

age=9 , mass= 2.640000
age=9 , mass= 5.104000
age=9 , mass= 2.640000
age=9 , mass= 6.379000
age=9 , mass= 2.069000
age=9 , mass= 5.517000
age=9 , mass= 4.999000
age=9 , mass= 2.586000
age=9 , mass= 7.585000
age=9 , mass= 0.345000
age=9 , mass= 7.241000
age=9 , mass= 1.207000
age=9 , mass= 2.069000
age=9 , mass= 4.310000
age=9 , mass= 6.206000
age=9 , mass= 1.379000
age=9 , mass= 7.586000
age=9 , mass= 1.552000
age=9 , mass= 6.034000
age=9 , mass= 4.482000
age=9 , mass= 3.103000
age=9 , mass= 2.586000
age=9 , mass= 4.827000
age=9 , mass= 0.172000
age=9 , mass= 7.585000
age=9 , mass= 2.758000
age=9 , mass= 4.827000
age=9 , mass= 5.689000
age=9 , mass= 1.896000
age=9 , mass= 7.585000
age=9 , mass= 1.034000
age=9 , mass= 2.241000
age=9 , mass= 4.310000
age=9 , mass= 3.965000
age=9 , mass= 1.672000
age=9 , mass= 3.344000
age=9 , mass= 6.688000
age=9 , mass= 2.090000
age=9 , mass= 7.942000
age=9 , mass= 0.836000
age=9 , mass= 0.836000
age=9 , mass= 7.942000
age=9 , mass= 0.418000
age=9 , mass= 8.360000
age=9 , mass= 1.672000
age=9 , mass= 7.106000
age=9 , mass= 1.254000
age=9 , mass= 1.672000
age=9 , mass= 5.852000
age=9 , mass= 4.180000
age=9 , mass= 3.762000
age=9 , mass= 4.260000
age=9 , mass= 1.420000
age=9 , mass= 5.148000
age=9 , mass= 1.242000
age=9 , mass= 7.810000
age=9 , mass= 1.420000
age=9 , mass= 6.393000
age=9 , mass= 4.795000
age=8 , mass= 0.850000
age=8 , mass= 1.021000
age=9 , mass= 1.227000
age=9 , mass= 1.577000
age=9 , mass= 0.462000
age=9 , mass= 2.742000
age=9 , mass= 5.484000
age=9 , mass= 1.371000
age=9 , mass= 2.495000
age=9 , mass= 0.178000
age=9 , mass= 3.748000

9902240362 - Part 3

age=9 , mass= 2.320000
age=9 , mass= 4.820000
age=9 , mass= 0.714000
age=9 , mass= 3.213000
age=9 , mass= 2.499000
age=9 , mass= 2.134000
age=9 , mass= 2.311000
age=9 , mass= 1.317000
age=9 , mass= 4.828000
age=9 , mass= 0.439000
age=9 , mass= 1.317000
age=9 , mass= 2.194000
age=9 , mass= 0.878000
age=9 , mass= 1.312000
age=9 , mass= 3.936000
age=9 , mass= 5.249000
age=9 , mass= 1.312000
age=9 , mass= 3.074000
age=9 , mass= 3.953000
age=9 , mass= 4.630000
age=9 , mass= 0.463000
age=9 , mass= 3.704000
age=9 , mass= 1.389000
age=9 , mass= 1.852000
age=9 , mass= 3.241000
age=9 , mass= 0.463000
age=9 , mass= 0.926000
age=9 , mass= 4.630000
age=9 , mass= 2.778000
age=9 , mass= 2.778000
age=9 , mass= 5.556000
age=9 , mass= 0.463000
age=9 , mass= 1.269000
age=9 , mass= 4.230000
age=9 , mass= 4.653000
age=9 , mass= 8.883000
age=9 , mass= 2.961000
age=9 , mass= 2.737000
age=9 , mass= 19.160000
age=9 , mass= 1.825000
age=8 , mass= 3.816000
age=8 , mass= 2.120000
age=8 , mass= 1.696000
age=8 , mass= 1.272000
age=8 , mass= 1.696000
age=8 , mass= 3.392000
age=8 , mass= 5.088000
age=8 , mass= 1.696000
age=8 , mass= 0.848000
age=8 , mass= 2.544000
age=8 , mass= 5.088000
age=8 , mass= 0.424000
age=9 , mass= 0.848000
age=8 , mass= 6.460000
age=8 , mass= 4.306000
age=8 , mass= 6.998000
age=8 , mass= 1.615000
age=8 , mass= 4.845000
age=9 , mass= 0.538000
age=9 , mass= 1.077000
age=9 , mass= 4.844000
age=8 , mass= 1.662000
age=8 , mass= 4.987000
age=8 , mass= 2.909000
age=9 , mass= 0.831000
age=9 , mass= 4.411000
age=9 , mass= 4.411000
age=9 , mass= 3.609000
age=9 , mass= 1.203000
age=9 , mass= 4.812000

age=9 , mass= 1.203000
age=8 , mass= 5.444000
age=8 , mass= 5.268000
age=8 , mass= 2.458000
age=8 , mass= 6.673000
age=8 , mass= 1.054000
age=9 , mass= 0.527000
age=9 , mass= 3.337000
age=8 , mass= 2.115000
age=8 , mass= 3.807000
age=9 , mass= 0.423000
age=9 , mass= 1.692000
age=9 , mass= 3.384000
age=9 , mass= 6.768000
age=8 , mass= 1.269000
age=8 , mass= 2.538000
age=8 , mass= 3.384000
age=8 , mass= 2.737000
age=8 , mass= 3.194000
age=8 , mass= 6.387000
age=8 , mass= 0.456000
age=8 , mass= 2.737000
age=8 , mass= 6.387000
age=8 , mass= 1.369000
age=8 , mass= 8.212000
age=8 , mass= 2.281000
age=8 , mass= 7.299000
age=8 , mass= 3.193000
age=8 , mass= 3.193000
age=8 , mass= 3.193000
age=8 , mass= 3.193000
age=8 , mass= 6.387000
age=8 , mass= 3.193000
age=8 , mass= 2.737000
age=8 , mass= 3.650000
age=8 , mass= 2.281000
age=8 , mass= 7.299000
age=8 , mass= 2.281000
age=8 , mass= 6.387000
age=9 , mass= 5.076000
age=9 , mass= 8.883000
age=9 , mass= 8.037000
age=9 , mass= 0.846000
age=9 , mass= 0.846000
age=9 , mass= 2.538000
age=9 , mass= 1.034000
age=9 , mass= 1.896000
age=9 , mass= 5.689000
age=9 , mass= 0.517000
age=9 , mass= 4.310000
age=9 , mass= 2.758000
age=9 , mass= 7.586000
age=9 , mass= 0.172000
age=9 , mass= 7.413000
age=9 , mass= 3.103000
age=9 , mass= 0.172000
age=9 , mass= 0.690000
age=9 , mass= 1.638000
age=9 , mass= 2.866000
age=9 , mass= 25.792000
age=9 , mass= 1.638000
age=9 , mass= 1.228000
age=9 , mass= 2.454000
age=9 , mass= 0.818000
age=9 , mass= 2.454000
age=9 , mass= 1.755000
age=9 , mass= 0.877000
age=9 , mass= 2.915000
age=9 , mass= 2.194000
age=9 , mass= 3.071000

age=9 , mass= 1.316000
age=9 , mass= 5.725000
age=9 , mass= 1.636000
age=9 , mass= 4.089000
age=9 , mass= 4.164000
age=9 , mass= 0.416000
age=9 , mass= 2.915000
age=9 , mass= 0.379000
age=9 , mass= 4.125000
age=9 , mass= 11.000000
age=9 , mass= 3.667000
age=9 , mass= 1.833000
age=9 , mass= 0.458000
age=9 , mass= 0.884000
age=9 , mass= 1.769000
age=9 , mass= 6.176000
age=9 , mass= 1.544000
age=9 , mass= 7.720000
age=9 , mass= 0.386000
age=9 , mass= 8.106000
age=9 , mass= 0.772000
age=9 , mass= 3.088000
age=9 , mass= 4.246000
age=9 , mass= 1.930000
age=9 , mass= 1.544000
age=9 , mass= 4.632000
age=9 , mass= 3.088000
age=9 , mass= 5.018000
age=9 , mass= 4.246000
age=9 , mass= 3.860000
age=9 , mass= 2.316000
age=9 , mass= 3.088000
age=9 , mass= 2.702000
age=9 , mass= 6.562000
age=9 , mass= 1.544000
age=9 , mass= 7.720000
age=9 , mass= 0.386000
age=9 , mass= 3.088000
age=9 , mass= 7.208000
age=9 , mass= 3.816000
age=9 , mass= 2.544000
age=9 , mass= 2.544000
age=9 , mass= 0.848000
age=9 , mass= 2.544000
age=9 , mass= 1.696000
age=9 , mass= 1.696000
age=9 , mass= 1.272000
age=9 , mass= 5.936000
age=9 , mass= 1.696000
age=9 , mass= 3.712000
age=9 , mass= 3.248000
age=9 , mass= 1.392000
age=9 , mass= 5.104000
age=9 , mass= 6.032000
age=9 , mass= 3.712000
age=9 , mass= 5.104000
age=9 , mass= 2.320000
age=9 , mass= 2.320000
age=9 , mass= 3.248000
age=9 , mass= 3.632000
age=9 , mass= 1.816000
age=9 , mass= 5.448000
age=9 , mass= 2.270000
age=9 , mass= 3.178000
age=9 , mass= 5.448000
age=9 , mass= 0.908000
age=9 , mass= 0.908000
age=9 , mass= 7.718000
age=9 , mass= 0.908000
age=9 , mass= 1.362000

age=9 , mass= 6.459000
age=9 , mass= 1.077000
age=9 , mass= 3.230000
age=9 , mass= 2.153000
age=9 , mass= 12.920000
age=9 , mass= 2.153000
age=9 , mass= 2.153000
age=8 , mass= 2.784000
age=8 , mass= 5.568000
age=8 , mass= 1.392000
age=9 , mass= 5.104000
age=9 , mass= 5.783000
age=9 , mass= 1.701000
age=9 , mass= 0.851000
age=9 , mass= 6.634000
age=9 , mass= 14.969000
age=9 , mass= 4.763000
age=9 , mass= 1.666000
age=9 , mass= 1.249000
age=9 , mass= 3.271000
age=9 , mass= 0.409000
age=9 , mass= 2.045000
age=9 , mass= 6.662000
age=9 , mass= 0.833000
age=9 , mass= 7.769000
age=9 , mass= 2.044000
age=9 , mass= 1.636000
age=9 , mass= 2.632000
age=9 , mass= 2.632000
age=9 , mass= 3.510000
age=9 , mass= 0.439000
age=9 , mass= 1.638000
age=9 , mass= 4.094000
age=9 , mass= 17.194000
age=9 , mass= 7.778000
age=9 , mass= 0.819000
age=9 , mass= 1.638000
age=8 , mass= 2.961000
age=8 , mass= 2.538000
age=8 , mass= 6.345000
age=8 , mass= 6.768000
age=9 , mass= 6.480000
age=9 , mass= 0.540000
age=9 , mass= 7.380000
age=9 , mass= 0.540000
age=9 , mass= 7.200000
age=9 , mass= 0.180000
age=9 , mass= 0.540000
age=9 , mass= 7.380000
age=9 , mass= 0.540000
age=9 , mass= 1.440000
age=9 , mass= 4.675000
age=9 , mass= 1.275000
age=9 , mass= 3.400000
age=9 , mass= 5.525000
age=9 , mass= 3.400000
age=9 , mass= 5.100000
age=9 , mass= 0.425000
age=9 , mass= 0.425000
age=9 , mass= 0.425000
age=9 , mass= 3.736000
age=9 , mass= 3.558000
age=9 , mass= 4.270000
age=9 , mass= 2.846000
age=9 , mass= 0.710000
age=9 , mass= 3.729000
age=9 , mass= 0.534000
age=9 , mass= 3.560000
age=9 , mass= 4.272000
age=9 , mass= 2.321000

age=9 , mass= 3.570000
age=9 , mass= 4.284000
age=9 , mass= 6.604000
age=9 , mass= 1.250000
age=9 , mass= 7.854000
age=9 , mass= 1.785000
age=9 , mass= 6.069000
age=9 , mass= 4.819000
age=9 , mass= 3.035000
age=9 , mass= 7.854000
age=9 , mass= 5.534000
age=9 , mass= 2.321000
age=9 , mass= 3.034000
age=9 , mass= 4.819000
age=9 , mass= 6.069000
age=9 , mass= 1.785000
age=9 , mass= 7.854000
age=9 , mass= 1.249000
age=9 , mass= 6.604000
age=9 , mass= 4.284000
age=9 , mass= 3.391000
age=9 , mass= 0.179000
age=9 , mass= 7.319000
age=9 , mass= 0.536000
age=9 , mass= 7.854000
age=9 , mass= 2.499000
age=9 , mass= 5.355000
age=9 , mass= 5.533000
age=9 , mass= 2.321000
age=9 , mass= 7.854000
age=9 , mass= 0.535000
age=9 , mass= 0.335000
age=9 , mass= 3.352000
age=9 , mass= 4.022000
age=9 , mass= 6.201000
age=9 , mass= 1.173000
age=9 , mass= 7.374000
age=9 , mass= 1.676000
age=9 , mass= 5.698000
age=9 , mass= 0.335000
age=9 , mass= 4.190000
age=9 , mass= 2.849000
age=9 , mass= 7.374000
age=9 , mass= 7.374000
age=9 , mass= 2.346000
age=9 , mass= 0.503000
age=9 , mass= 4.525000
age=9 , mass= 5.698000
age=9 , mass= 1.676000
age=9 , mass= 5.028000
age=9 , mass= 2.346000
age=9 , mass= 1.173000
age=9 , mass= 6.201000
age=9 , mass= 4.022000
age=9 , mass= 3.352000
age=9 , mass= 3.017000
age=9 , mass= 3.855000
age=9 , mass= 0.503000
age=9 , mass= 7.374000
age=9 , mass= 2.346000
age=9 , mass= 5.028000
age=9 , mass= 5.196000
age=9 , mass= 2.179000
age=9 , mass= 7.374000
age=9 , mass= 0.670000
age=9 , mass= 1.676000
age=8 , mass= 3.552000
age=8 , mass= 2.309000
age=8 , mass= 7.814000
age=8 , mass= 0.710000

age=8 , mass= 3.197000
 age=8 , mass= 3.905000
 age=8 , mass= 1.775000
 age=8 , mass= 1.952000
 age=8 , mass= 4.082000
 age=8 , mass= 6.745000
 age=9 , mass= 2.840000
 age=8 , mass= 0.700000
 age=8 , mass= 5.252000
 age=8 , mass= 2.626000
 age=8 , mass= 1.227000
 age=8 , mass= 1.051000
 age=8 , mass= 4.204000
 age=8 , mass= 0.876000
 age=8 , mass= 0.701000
 age=8 , mass= 2.629000
 age=8 , mass= 4.206000
 age=8 , mass= 3.856000
 age=8 , mass= 1.577000
 age=8 , mass= 0.462000
 age=8 , mass= 5.027000
 age=8 , mass= 1.828000
 age=8 , mass= 2.285000
 age=8 , mass= 5.484000
 age=8 , mass= 3.199000
 age=8 , mass= 2.285000
 age=8 , mass= 4.113000
 age=9 , mass= 3.950000
 age=9 , mass= 3.950000
 age=9 , mass= 1.312000
 age=9 , mass= 0.437000
 age=9 , mass= 4.811000
 age=9 , mass= 4.811000
 age=9 , mass= 0.439000
 age=9 , mass= 0.439000
 age=9 , mass= 2.194000
 age=9 , mass= 1.312000
 age=9 , mass= 1.323000
 age=9 , mass= 5.291000
 age=9 , mass= 0.441000
 age=9 , mass= 2.205000
 age=8 , mass= 3.620000
 age=8 , mass= 6.034000
 age=8 , mass= 1.552000
 age=8 , mass= 7.586000
 age=8 , mass= 1.379000
 age=8 , mass= 6.206000
 age=8 , mass= 4.310000
 age=8 , mass= 3.276000
 age=8 , mass= 5.344000
 age=8 , mass= 1.896000
 Nassy=11 burnup=10.67 kinf=1.402 Enrch=3.73 Dschg=2024 SUSQUEHANNA
 age=8 , mass= 0.345000
 Nassy=2 burnup=10.67 kinf=1.402 Enrch=3.73 Dschg=2024 SUSQUEHANNA
 age=8 , mass= 6.724000
 Nassy=39 burnup=10.67 kinf=1.402 Enrch=3.73 Dschg=2024 SUSQUEHANNA
 age=8 , mass= 0.862000
 age=8 , mass= 2.586000
 age=8 , mass= 1.552000
 age=8 , mass= 8.275000
 age=8 , mass= 0.690000
 age=8 , mass= 3.448000
 age=8 , mass= 4.138000
 age=8 , mass= 2.931000
 age=8 , mass= 1.207000
 age=8 , mass= 8.275000
 age=8 , mass= 1.034000
 age=8 , mass= 5.689000
 age=8 , mass= 0.862000
 age=8 , mass= 3.965000

age=8 , mass= 0.345000
age=8 , mass= 7.586000
age=8 , mass= 2.586000
age=8 , mass= 5.000000
age=8 , mass= 5.517000
age=8 , mass= 2.069000
age=8 , mass= 7.586000
age=8 , mass= 0.862000
age=8 , mass= 6.379000
age=8 , mass= 5.499000
age=9 , mass= 1.269000
age=9 , mass= 2.115000
age=9 , mass= 1.692000
age=9 , mass= 1.269000
age=8 , mass= 8.883000
age=8 , mass= 3.384000
age=8 , mass= 5.499000
age=8 , mass= 2.961000
age=9 , mass= 4.237000
age=9 , mass= 1.695000
age=9 , mass= 3.051000
age=9 , mass= 1.016000
age=9 , mass= 1.693000
age=9 , mass= 2.370000
age=9 , mass= 4.063000
age=9 , mass= 1.016000
age=9 , mass= 3.047000
age=9 , mass= 1.016000
age=9 , mass= 3.042000
age=9 , mass= 0.338000
age=9 , mass= 3.718000
age=9 , mass= 3.718000
age=9 , mass= 0.338000
age=9 , mass= 4.056000
age=9 , mass= 2.028000
age=8 , mass= 0.456000
age=8 , mass= 4.562000
age=8 , mass= 6.387000
age=8 , mass= 3.193000
age=8 , mass= 7.755000
age=9 , mass= 1.369000
age=9 , mass= 6.843000
age=9 , mass= 2.737000
age=9 , mass= 0.456000
age=8 , mass= 7.208000
age=8 , mass= 1.696000
age=8 , mass= 2.968000
age=8 , mass= 0.424000
age=8 , mass= 10.176000
age=8 , mass= 1.272000
age=8 , mass= 3.816000
age=8 , mass= 2.120000
age=8 , mass= 1.696000
age=8 , mass= 6.460000
age=8 , mass= 1.615000
age=8 , mass= 4.845000
age=8 , mass= 1.077000
age=8 , mass= 5.383000
age=8 , mass= 1.615000
age=8 , mass= 3.768000
age=8 , mass= 1.077000
age=8 , mass= 1.615000
age=9 , mass= 3.230000
age=7 , mass= 3.241000
age=8 , mass= 1.852000
age=8 , mass= 1.852000
age=8 , mass= 1.852000
age=8 , mass= 1.852000
age=8 , mass= 5.556000

age=8 , mass= 3.704000
age=9 , mass= 2.315000
age=9 , mass= 0.926000
age=9 , mass= 3.241000
age=9 , mass= 1.389000
age=9 , mass= 3.241000
age=9 , mass= 1.852000
age=9 , mass= 0.463000
age=9 , mass= 0.926000
age=8 , mass= 5.922000
age=8 , mass= 7.614000
age=8 , mass= 1.269000
age=8 , mass= 8.883000
age=8 , mass= 0.846000
age=8 , mass= 1.692000
age=9 , mass= 3.807000
age=9 , mass= 2.538000
age=8 , mass= 6.960000
age=8 , mass= 17.194000
age=8 , mass= 5.322000
age=8 , mass= 3.275000
age=8 , mass= 1.638000
age=8 , mass= 2.632000
age=8 , mass= 3.331000
age=8 , mass= 0.833000
age=8 , mass= 3.331000
age=8 , mass= 0.818000
age=8 , mass= 4.907000
age=8 , mass= 0.818000
age=8 , mass= 4.089000
age=8 , mass= 0.818000
age=8 , mass= 4.387000
age=8 , mass= 0.877000
age=9 , mass= 0.439000
age=9 , mass= 0.877000
age=9 , mass= 2.915000
age=9 , mass= 1.227000
age=9 , mass= 4.498000
age=8 , mass= 1.310000
age=8 , mass= 0.873000
age=8 , mass= 0.437000
age=8 , mass= 5.097000
age=8 , mass= 11.121000
age=8 , mass= 5.097000
age=9 , mass= 0.374000
age=8 , mass= 5.088000
age=8 , mass= 2.120000
age=8 , mass= 0.424000
age=8 , mass= 2.544000
age=8 , mass= 5.088000
age=8 , mass= 3.816000
age=9 , mass= 0.848000
age=9 , mass= 2.120000
age=9 , mass= 1.696000
age=9 , mass= 0.848000
age=9 , mass= 3.392000
age=9 , mass= 2.544000
age=8 , mass= 3.400000
age=8 , mass= 3.825000
age=8 , mass= 6.375000
age=8 , mass= 2.550000
age=8 , mass= 7.650000
age=8 , mass= 1.275000
age=8 , mass= 8.925000
age=8 , mass= 1.700000
age=8 , mass= 7.225000
age=8 , mass= 1.275000
age=8 , mass= 7.650000
age=8 , mass= 1.275000
age=8 , mass= 1.275000

age=8 , mass= 6.375000
age=8 , mass= 3.825000
age=8 , mass= 1.275000
age=8 , mass= 5.100000
age=8 , mass= 3.825000
age=8 , mass= 1.275000
age=8 , mass= 5.950000
age=6 , mass= 6.464000
age=6 , mass= 22.452999
age=7 , mass= 1.871000
age=8 , mass= 0.510000
age=8 , mass= 3.572000
age=8 , mass= 4.083000
age=8 , mass= 1.871000
age=8 , mass= 2.722000
age=8 , mass= 37.422001
age=8 , mass= 6.124000
age=8 , mass= 1.361000
age=8 , mass= 0.680000
age=8 , mass= 1.531000
age=8 , mass= 37.422001
age=8 , mass= 0.851000
age=8 , mass= 1.021000
age=9 , mass= 3.384000
age=9 , mass= 1.692000
age=8 , mass= 2.115000
age=8 , mass= 8.037000
age=8 , mass= 0.846000
age=8 , mass= 0.846000
age=8 , mass= 4.230000
age=8 , mass= 4.230000
age=8 , mass= 0.846000
age=8 , mass= 5.076000
age=8 , mass= 4.230000
age=8 , mass= 0.846000
age=8 , mass= 5.076000
age=8 , mass= 4.230000
age=8 , mass= 0.846000
age=8 , mass= 5.076000
age=8 , mass= 4.230000
age=8 , mass= 0.846000
age=8 , mass= 4.653000
age=8 , mass= 4.230000
age=8 , mass= 0.423000
age=8 , mass= 8.460000
age=8 , mass= 1.692000
age=9 , mass= 5.499000
age=8 , mass= 7.299000
age=8 , mass= 1.825000
age=8 , mass= 7.299000
age=8 , mass= 1.825000
age=8 , mass= 0.456000
age=8 , mass= 5.474000
age=8 , mass= 5.018000
age=8 , mass= 0.456000
age=8 , mass= 5.474000
age=8 , mass= 5.018000
age=8 , mass= 0.456000
age=8 , mass= 5.474000
age=8 , mass= 5.018000
age=8 , mass= 4.562000
age=8 , mass= 6.387000
age=8 , mass= 3.193000
age=8 , mass= 7.755000
age=8 , mass= 1.825000
age=8 , mass= 9.124000
age=8 , mass= 0.456000
age=8 , mass= 3.650000
age=8 , mass= 7.218000
age=8 , mass= 1.203000

age=7 , mass= 5.614000
age=7 , mass= 4.010000
age=8 , mass= 4.010000
age=8 , mass= 0.802000
age=8 , mass= 4.010000
age=8 , mass= 0.802000
age=8 , mass= 4.010000
age=8 , mass= 4.812000
age=8 , mass= 0.802000
age=8 , mass= 4.010000
age=8 , mass= 4.812000
age=8 , mass= 0.802000
age=8 , mass= 4.010000
age=8 , mass= 4.812000
age=8 , mass= 0.802000
age=8 , mass= 4.010000
age=8 , mass= 4.812000
age=8 , mass= 0.802000
age=8 , mass= 6.416000
age=8 , mass= 1.203000
age=8 , mass= 2.005000
age=7 , mass= 4.411000
age=7 , mass= 5.213000
age=8 , mass= 1.604000
age=9 , mass= 1.392000
age=9 , mass= 5.104000
age=9 , mass= 5.568000
age=9 , mass= 0.464000
age=9 , mass= 2.784000
age=7 , mass= 4.176000
age=7 , mass= 0.928000
age=8 , mass= 4.176000
age=8 , mass= 4.907000
age=8 , mass= 4.498000
age=8 , mass= 4.089000
age=8 , mass= 5.725000
age=8 , mass= 2.862000
age=8 , mass= 6.951000
age=8 , mass= 1.636000
age=8 , mass= 8.178000
age=8 , mass= 0.409000
age=8 , mass= 8.587000
age=8 , mass= 0.818000
age=8 , mass= 7.769000
age=8 , mass= 2.045000
age=8 , mass= 5.725000
age=8 , mass= 0.818000
age=8 , mass= 3.271000
age=8 , mass= 1.636000
age=8 , mass= 4.907000
age=8 , mass= 3.271000
age=8 , mass= 1.636000
age=8 , mass= 4.907000
age=8 , mass= 3.271000
age=8 , mass= 1.636000
age=8 , mass= 4.907000
age=8 , mass= 3.271000
age=8 , mass= 0.818000
age=8 , mass= 2.153000
age=8 , mass= 5.383000
age=8 , mass= 1.077000
age=8 , mass= 2.153000
age=8 , mass= 4.306000
age=8 , mass= 12.920000
age=9 , mass= 2.153000
age=7 , mass= 2.278000
age=7 , mass= 6.835000
age=6 , mass= 4.557000
age=6 , mass= 6.134000
age=6 , mass= 1.577000

age=6 , mass= 7.711000
age=6 , mass= 1.402000
age=7 , mass= 2.454000
age=7 , mass= 0.701000
age=7 , mass= 7.010000
age=7 , mass= 0.526000
age=7 , mass= 0.876000
age=7 , mass= 1.928000
age=7 , mass= 5.783000
age=7 , mass= 2.103000
age=7 , mass= 2.103000
age=7 , mass= 8.412000
age=7 , mass= 0.175000
age=7 , mass= 4.031000
age=7 , mass= 4.206000
age=7 , mass= 2.454000
age=7 , mass= 1.753000
age=7 , mass= 3.330000
age=7 , mass= 4.381000
age=7 , mass= 1.227000
age=7 , mass= 7.185000
age=7 , mass= 3.505000
age=7 , mass= 4.206000
age=7 , mass= 6.484000
age=7 , mass= 1.227000
age=7 , mass= 2.804000
age=7 , mass= 2.107000
age=7 , mass= 2.810000
age=7 , mass= 1.405000
age=8 , mass= 7.551000
age=8 , mass= 3.161000
age=8 , mass= 4.566000
age=8 , mass= 3.161000
age=7 , mass= 6.960000
age=7 , mass= 17.194000
age=7 , mass= 2.866000
age=8 , mass= 5.731000
age=8 , mass= 0.819000
age=8 , mass= 0.819000
age=7 , mass= 5.568000
age=7 , mass= 0.928000
age=7 , mass= 9.744000
age=7 , mass= 0.464000
age=7 , mass= 5.568000
age=7 , mass= 3.712000
age=7 , mass= 1.856000
age=7 , mass= 7.888000
age=7 , mass= 3.248000
age=7 , mass= 4.176000
age=7 , mass= 2.320000
age=7 , mass= 4.640000
age=7 , mass= 5.104000
age=7 , mass= 6.032000
age=7 , mass= 3.712000
age=7 , mass= 7.424000
age=7 , mass= 2.320000
age=7 , mass= 5.568000
age=7 , mass= 3.248000
age=7 , mass= 2.320000
age=7 , mass= 3.712000
age=7 , mass= 5.940000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000

age=7 , mass= 2.880000
 age=7 , mass= 4.500000
 age=6 , mass= 3.960000
 age=6 , mass= 3.960000
 age=7 , mass= 0.540000
 age=7 , mass= 7.380000
 age=7 , mass= 0.540000
 age=7 , mass= 7.380000
 age=7 , mass= 0.540000
 age=7 , mass= 7.380000
 age=7 , mass= 0.540000
 age=7 , mass= 7.380000
 age=7 , mass= 0.540000
 age=7 , mass= 2.880000
 age=7 , mass= 4.500000
 age=7 , mass= 0.540000
 age=7 , mass= 7.380000
 age=7 , mass= 0.540000
 age=7 , mass= 7.380000
 age=7 , mass= 0.540000
 age=7 , mass= 7.380000
 age=7 , mass= 0.540000
 age=7 , mass= 7.380000
 age=7 , mass= 0.540000
 age=7 , mass= 4.320000
 age=7 , mass= 3.825000
 age=7 , mass= 4.250000
 age=7 , mass= 0.850000
 age=7 , mass= 5.100000
 age=7 , mass= 2.975000
 age=7 , mass= 2.125000
 age=7 , mass= 4.675000
 age=7 , mass= 0.425000
 age=7 , mass= 1.700000
 age=7 , mass= 2.550000
 age=7 , mass= 4.675000
 age=7 , mass= 1.700000
 age=6 , mass= 4.675000
 age=6 , mass= 4.250000
 age=6 , mass= 4.675000
 age=6 , mass= 0.850000
 age=6 , mass= 3.400000
 age=7 , mass= 1.700000
 age=7 , mass= 6.800000
 age=7 , mass= 0.425000
 age=7 , mass= 1.700000
 age=7 , mass= 7.225000
 age=7 , mass= 1.700000
 age=7 , mass= 7.225000
 age=7 , mass= 1.700000
 age=7 , mass= 5.525000
 age=8 , mass= 1.692000
 age=8 , mass= 2.961000
 age=8 , mass= 2.115000
 age=8 , mass= 0.846000
 age=8 , mass= 5.499000
 age=8 , mass= 1.692000
 age=7 , mass= 7.191000
 age=7 , mass= 2.961000
 age=7 , mass= 5.922000
 age=8 , mass= 0.356000
 age=8 , mass= 5.873000
 age=8 , mass= 1.958000
 age=8 , mass= 1.780000
 age=8 , mass= 4.092000
 age=8 , mass= 1.957000
 age=8 , mass= 5.871000
 age=8 , mass= 1.957000

age=8 , mass= 0.534000
 age=8 , mass= 4.439000
 age=7 , mass= 0.462000
 age=7 , mass= 0.914000
 age=7 , mass= 3.199000
 age=8 , mass= 0.914000
 age=8 , mass= 4.570000
 age=8 , mass= 0.914000
 age=8 , mass= 4.570000
 age=8 , mass= 0.914000
 age=8 , mass= 5.484000
 age=8 , mass= 2.742000
 age=8 , mass= 2.635000
 age=8 , mass= 5.270000
 age=8 , mass= 0.439000
 age=8 , mass= 0.878000
 age=8 , mass= 1.312000
 age=8 , mass= 2.633000
 age=8 , mass= 0.439000
 age=8 , mass= 4.828000
 age=8 , mass= 0.439000
 age=8 , mass= 2.633000
 age=8 , mass= 2.187000
 age=8 , mass= 5.249000
 age=8 , mass= 0.437000
 age=8 , mass= 3.499000
 age=7 , mass= 4.933000
 age=7 , mass= 16.329000
 age=7 , mass= 3.742000
 age=7 , mass= 0.340000
 age=7 , mass= 1.021000
 age=7 , mass= 3.062000
 age=7 , mass= 4.082000
 age=8 , mass= 0.170000
 age=8 , mass= 1.021000
 age=8 , mass= 0.846000
 age=8 , mass= 1.692000
 age=8 , mass= 0.423000
 age=7 , mass= 6.345000
 age=7 , mass= 8.883000
 age=7 , mass= 5.076000
 age=7 , mass= 0.423000
 age=7 , mass= 3.384000
 age=7 , mass= 2.115000
 age=8 , mass= 3.384000
 age=7 , mass= 3.178000
 age=7 , mass= 4.994000
 age=7 , mass= 0.454000
 age=7 , mass= 5.448000
 age=7 , mass= 3.632000
 age=7 , mass= 1.816000
 age=7 , mass= 5.448000
 age=7 , mass= 2.270000
 age=7 , mass= 3.178000
 age=7 , mass= 5.448000
 age=7 , mass= 0.908000
 age=7 , mass= 1.362000
 age=7 , mass= 7.264000
 age=7 , mass= 0.908000
 age=7 , mass= 5.902000
 age=7 , mass= 3.632000
 age=7 , mass= 5.902000
 age=7 , mass= 0.454000
 age=7 , mass= 3.178000
 age=7 , mass= 5.902000
 age=7 , mass= 3.632000
 age=7 , mass= 4.994000
 age=7 , mass= 4.540000
 age=7 , mass= 3.178000
 age=7 , mass= 7.912000

age=7 , mass= 2.082000
age=7 , mass= 6.662000
age=7 , mass= 3.331000
age=7 , mass= 5.413000
age=7 , mass= 4.580000
age=7 , mass= 4.164000
age=7 , mass= 5.830000
age=7 , mass= 2.915000
age=7 , mass= 5.413000
age=7 , mass= 1.755000
age=7 , mass= 1.755000
age=8 , mass= 8.774000
age=7 , mass= 9.213000
age=7 , mass= 1.316000
age=8 , mass= 3.948000
age=8 , mass= 0.439000
age=8 , mass= 5.264000
age=8 , mass= 0.877000
age=8 , mass= 4.387000
age=8 , mass= 5.264000
age=8 , mass= 0.877000
age=8 , mass= 4.387000
age=8 , mass= 5.264000
age=8 , mass= 0.877000
age=8 , mass= 0.439000
age=8 , mass= 0.424000
age=8 , mass= 1.696000
age=8 , mass= 0.848000
age=8 , mass= 4.240000
age=8 , mass= 2.120000
age=8 , mass= 2.544000
age=8 , mass= 0.424000
age=8 , mass= 5.088000
age=8 , mass= 3.816000
age=8 , mass= 1.272000
age=8 , mass= 0.424000
age=8 , mass= 4.664000
age=8 , mass= 2.544000
age=8 , mass= 0.424000
age=8 , mass= 3.230000
age=8 , mass= 2.691000
age=8 , mass= 3.768000
age=8 , mass= 6.460000
age=8 , mass= 3.768000
age=8 , mass= 2.692000
age=8 , mass= 6.460000
age=8 , mass= 1.615000
age=7 , mass= 6.387000
age=7 , mass= 4.106000
age=7 , mass= 5.474000
age=7 , mass= 5.474000
age=7 , mass= 4.106000
age=7 , mass= 6.843000
age=7 , mass= 2.281000
age=7 , mass= 0.456000
age=7 , mass= 8.212000
age=7 , mass= 1.369000
age=7 , mass= 9.580000
age=7 , mass= 2.281000
age=7 , mass= 7.299000
age=7 , mass= 1.369000
age=7 , mass= 4.562000
age=7 , mass= 3.650000
age=7 , mass= 2.737000
age=7 , mass= 6.843000
age=7 , mass= 4.106000
age=7 , mass= 0.912000
age=7 , mass= 1.269000
age=7 , mass= 3.384000
age=7 , mass= 1.692000

age=6 , mass= 6.768000
age=6 , mass= 5.076000
age=6 , mass= 4.230000
age=7 , mass= 7.614000
age=7 , mass= 0.846000
age=7 , mass= 0.423000
age=7 , mass= 1.269000
age=7 , mass= 3.403000
age=7 , mass= 4.503000
age=7 , mass= 8.597000
age=7 , mass= 8.168000
age=7 , mass= 0.409000
age=7 , mass= 8.597000
age=7 , mass= 1.228000
age=7 , mass= 2.985000
age=6 , mass= 3.512000
age=6 , mass= 7.200000
age=7 , mass= 1.580000
age=7 , mass= 7.726000
age=7 , mass= 1.405000
age=7 , mass= 6.322000
age=7 , mass= 4.390000
age=7 , mass= 1.405000
age=7 , mass= 1.932000
age=7 , mass= 7.375000
age=7 , mass= 0.351000
age=7 , mass= 7.726000
age=7 , mass= 2.634000
age=7 , mass= 5.092000
age=7 , mass= 5.619000
age=7 , mass= 2.107000
age=7 , mass= 7.726000
age=7 , mass= 0.878000
age=7 , mass= 6.848000
age=7 , mass= 3.863000
age=7 , mass= 3.336000
age=7 , mass= 0.527000
age=7 , mass= 6.848000
age=7 , mass= 0.878000
age=7 , mass= 7.726000
age=7 , mass= 2.107000
age=7 , mass= 5.619000
age=7 , mass= 5.092000
age=7 , mass= 2.634000
age=7 , mass= 7.726000
age=7 , mass= 0.176000
age=7 , mass= 0.378000
age=7 , mass= 0.883000
age=7 , mass= 1.324000
age=7 , mass= 0.441000
age=7 , mass= 3.747000
age=7 , mass= 11.242000
age=7 , mass= 4.216000
age=7 , mass= 1.405000
age=7 , mass= 0.937000
age=7 , mass= 4.795000
age=7 , mass= 3.197000
age=7 , mass= 4.618000
age=7 , mass= 6.216000
age=7 , mass= 1.598000
age=7 , mass= 7.814000
age=7 , mass= 1.421000
age=7 , mass= 6.394000
age=7 , mass= 0.888000
age=7 , mass= 3.552000
age=7 , mass= 3.374000
age=7 , mass= 7.459000
age=7 , mass= 0.355000
age=7 , mass= 7.814000
age=7 , mass= 2.664000

age=7 , mass= 5.150000
age=7 , mass= 5.683000
age=7 , mass= 2.131000
age=7 , mass= 7.282000
age=7 , mass= 0.533000
age=7 , mass= 0.888000
age=7 , mass= 6.926000
age=7 , mass= 3.907000
age=7 , mass= 3.907000
age=7 , mass= 6.926000
age=7 , mass= 0.888000
age=7 , mass= 7.814000
age=7 , mass= 2.131000
age=7 , mass= 3.730000
age=7 , mass= 1.954000
age=7 , mass= 5.150000
age=7 , mass= 2.664000
age=7 , mass= 5.861000
age=7 , mass= 2.320000
age=7 , mass= 2.784000
age=7 , mass= 2.784000
age=7 , mass= 0.464000
age=7 , mass= 5.104000
age=7 , mass= 1.392000
age=7 , mass= 1.392000
age=6 , mass= 1.392000
age=6 , mass= 1.392000
age=6 , mass= 4.176000
age=6 , mass= 1.392000
age=7 , mass= 3.230000
age=7 , mass= 1.077000
age=7 , mass= 6.459000
age=7 , mass= 2.153000
age=7 , mass= 4.306000
age=7 , mass= 6.460000
age=7 , mass= 6.460000
age=7 , mass= 7.369000
age=7 , mass= 8.597000
age=7 , mass= 5.731000
age=7 , mass= 2.866000
age=7 , mass= 6.960000
age=7 , mass= 1.638000
age=7 , mass= 0.889000
age=6 , mass= 3.558000
age=6 , mass= 4.270000
age=6 , mass= 3.380000
age=6 , mass= 0.178000
age=6 , mass= 4.270000
age=6 , mass= 3.558000
age=6 , mass= 4.270000
age=7 , mass= 1.957000
age=7 , mass= 5.871000
age=7 , mass= 1.957000
age=7 , mass= 5.871000
age=7 , mass= 1.957000
age=7 , mass= 5.871000
age=7 , mass= 1.957000
age=7 , mass= 0.712000
age=7 , mass= 5.159000
age=7 , mass= 1.957000
age=7 , mass= 5.871000
age=7 , mass= 1.957000
age=7 , mass= 5.871000
age=7 , mass= 1.957000
age=7 , mass= 5.871000
age=7 , mass= 1.957000
age=7 , mass= 2.135000
age=7 , mass= 3.736000
age=7 , mass= 1.957000
age=7 , mass= 5.871000

age=7 , mass= 1.957000
 age=7 , mass= 5.871000
 age=7 , mass= 1.957000
 age=7 , mass= 5.871000
 age=7 , mass= 0.178000
 age=7 , mass= 7.191000
 age=7 , mass= 0.423000
 age=7 , mass= 0.846000
 age=7 , mass= 4.230000
 age=7 , mass= 5.076000
 age=7 , mass= 0.846000
 age=7 , mass= 4.230000
 age=7 , mass= 5.076000
 age=7 , mass= 0.846000
 age=7 , mass= 4.230000
 age=7 , mass= 5.076000
 age=7 , mass= 0.846000
 age=7 , mass= 3.807000
 age=7 , mass= 0.423000
 age=7 , mass= 5.922000
 age=7 , mass= 6.768000
 age=7 , mass= 3.384000
 age=7 , mass= 5.499000
 age=7 , mass= 4.653000
 age=7 , mass= 4.230000
 age=7 , mass= 5.922000
 age=7 , mass= 2.115000
 age=7 , mass= 4.630000
 age=7 , mass= 3.241000
 age=7 , mass= 2.315000
 age=7 , mass= 5.556000
 age=7 , mass= 3.241000
 age=7 , mass= 2.315000
 age=7 , mass= 5.556000
 age=7 , mass= 3.241000
 age=7 , mass= 2.315000
 age=7 , mass= 2.778000
 age=7 , mass= 6.019000
 age=6 , mass= 6.019000
 age=6 , mass= 5.093000
 age=7 , mass= 3.704000
 age=7 , mass= 0.926000
 age=7 , mass= 6.482000
 age=7 , mass= 3.241000
 age=7 , mass= 7.871000
 age=7 , mass= 1.852000
 age=7 , mass= 9.260000
 age=7 , mass= 0.463000
 age=7 , mass= 3.241000
 age=7 , mass= 1.848000
 age=7 , mass= 0.924000
 age=7 , mass= 5.544000
 age=7 , mass= 4.620000
 age=7 , mass= 0.924000
 age=7 , mass= 5.544000
 age=7 , mass= 4.620000
 age=7 , mass= 0.924000
 age=7 , mass= 5.544000
 age=7 , mass= 4.620000
 age=7 , mass= 0.924000
 age=7 , mass= 5.544000
 age=7 , mass= 4.620000
 age=7 , mass= 0.924000
 age=5 , mass= 8.316000
 age=5 , mass= 5.544000
 age=7 , mass= 6.468000
 age=7 , mass= 2.310000
 age=7 , mass= 0.462000
 age=6 , mass= 1.386000

age=5 , mass= 0.338000
 Nassy=2 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 age=5 , mass= 29.743999
 Nassy=176 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 age=5 , mass= 2.366000
 Nassy=14 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 age=5 , mass= 0.676000
 Nassy=4 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 age=7 , mass= 1.014000
 age=7 , mass= 1.014000
 age=7 , mass= 3.380000
 age=7 , mass= 3.042000
 age=7 , mass= 1.690000
 age=7 , mass= 5.746000
 age=7 , mass= 1.690000
 age=7 , mass= 5.746000
 age=7 , mass= 1.690000
 age=7 , mass= 5.746000
 age=7 , mass= 1.690000
 age=7 , mass= 5.746000
 age=7 , mass= 0.338000
 age=7 , mass= 0.676000
 age=7 , mass= 4.056000
 age=7 , mass= 2.366000
 age=7 , mass= 1.690000
 age=7 , mass= 4.056000
 age=7 , mass= 1.690000
 age=7 , mass= 2.366000
 age=7 , mass= 4.056000
 age=7 , mass= 1.014000
 age=7 , mass= 3.042000
 age=7 , mass= 4.056000
 age=7 , mass= 0.338000
 age=7 , mass= 3.718000
 age=7 , mass= 3.718000
 age=7 , mass= 0.338000
 age=7 , mass= 4.056000
 age=7 , mass= 0.676000
 age=5 , mass= 4.394000
 age=5 , mass= 7.436000
 age=5 , mass= 3.718000
 age=6 , mass= 4.230000
 age=7 , mass= 0.846000
 age=7 , mass= 3.807000
 age=7 , mass= 1.269000
 age=7 , mass= 4.230000
 age=7 , mass= 0.846000
 age=7 , mass= 5.076000
 age=7 , mass= 4.230000
 age=7 , mass= 0.846000
 age=7 , mass= 5.076000
 age=7 , mass= 4.230000
 age=7 , mass= 0.846000
 age=7 , mass= 5.076000
 age=7 , mass= 4.230000
 age=7 , mass= 0.846000
 age=7 , mass= 0.423000
 age=7 , mass= 8.460000
 age=7 , mass= 0.423000
 age=6 , mass= 4.653000
 age=6 , mass= 5.076000
 age=6 , mass= 0.423000
 age=6 , mass= 4.653000
 age=6 , mass= 5.076000
 age=6 , mass= 0.423000
 age=6 , mass= 4.653000
 age=6 , mass= 1.692000
 age=6 , mass= 3.392000
 age=6 , mass= 17.808001
 age=6 , mass= 4.240000

age=6 , mass= 2.120000
age=6 , mass= 40.703999
age=6 , mass= 1.272000
age=6 , mass= 0.424000
age=5 , mass= 0.424000
age=5 , mass= 8.904000
age=5 , mass= 0.848000
age=6 , mass= 1.696000
age=6 , mass= 1.317000
age=6 , mass= 5.267000
age=6 , mass= 0.439000
age=6 , mass= 4.828000
age=6 , mass= 5.267000
age=6 , mass= 0.439000
age=6 , mass= 4.828000
age=6 , mass= 5.267000
age=6 , mass= 0.439000
age=6 , mass= 4.828000
age=6 , mass= 5.267000
age=6 , mass= 0.439000
age=6 , mass= 3.511000
age=5 , mass= 3.072000
age=5 , mass= 8.339000
age=5 , mass= 0.878000
age=5 , mass= 36.733002
age=5 , mass= 7.871000
age=6 , mass= 1.312000
age=6 , mass= 5.248000
age=5 , mass= 4.176000
age=5 , mass= 33.408001
age=5 , mass= 5.104000
age=6 , mass= 1.392000
age=6 , mass= 1.392000
age=6 , mass= 0.464000
age=6 , mass= 5.104000
age=6 , mass= 5.568000
age=6 , mass= 0.464000
age=6 , mass= 5.104000
age=6 , mass= 0.928000
age=6 , mass= 5.104000
age=6 , mass= 4.640000
age=6 , mass= 1.696000
age=6 , mass= 5.088000
age=6 , mass= 2.968000
age=6 , mass= 2.120000
age=6 , mass= 0.848000
age=6 , mass= 2.120000
age=6 , mass= 2.120000
age=6 , mass= 4.664000
age=6 , mass= 0.424000
age=6 , mass= 1.696000
age=6 , mass= 3.392000
age=6 , mass= 3.392000
age=7 , mass= 0.848000
age=6 , mass= 4.845000
age=6 , mass= 5.921000
age=6 , mass= 0.538000
age=6 , mass= 5.383000
age=6 , mass= 1.077000
age=6 , mass= 12.919000
age=6 , mass= 4.845000
age=6 , mass= 1.615000
age=6 , mass= 6.460000
age=6 , mass= 3.230000
age=6 , mass= 1.077000
age=6 , mass= 2.153000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000

age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 6.460000
age=6 , mass= 1.615000
age=6 , mass= 4.845000
age=6 , mass= 6.460000
age=6 , mass= 2.692000
age=6 , mass= 3.768000
age=6 , mass= 4.845000
age=6 , mass= 1.615000
age=6 , mass= 4.845000
age=6 , mass= 1.615000
age=6 , mass= 6.460000
age=6 , mass= 0.538000
age=6 , mass= 1.638000
age=6 , mass= 17.194000
age=6 , mass= 3.275000
age=6 , mass= 5.322000
age=6 , mass= 4.094000
age=6 , mass= 1.229000
age=6 , mass= 0.410000
age=6 , mass= 2.381000
age=6 , mass= 4.082000
age=6 , mass= 1.191000
age=6 , mass= 0.680000
age=6 , mass= 2.211000
age=6 , mass= 20.412001
age=7 , mass= 2.722000
age=7 , mass= 1.021000
age=6 , mass= 0.882000
age=6 , mass= 1.765000
age=6 , mass= 0.378000
age=6 , mass= 1.404000
age=6 , mass= 16.853001
age=6 , mass= 2.341000
age=7 , mass= 0.936000
age=6 , mass= 0.846000
age=6 , mass= 5.076000
age=6 , mass= 2.115000
age=6 , mass= 2.961000
age=6 , mass= 5.076000
age=6 , mass= 1.269000
age=6 , mass= 0.846000
age=6 , mass= 2.961000
age=6 , mass= 7.191000
age=6 , mass= 1.692000
age=6 , mass= 8.460000
age=6 , mass= 0.423000
age=6 , mass= 8.883000
age=6 , mass= 0.846000
age=6 , mass= 8.037000
age=6 , mass= 2.115000
age=6 , mass= 5.922000
age=6 , mass= 0.846000
age=6 , mass= 3.384000
age=6 , mass= 5.499000
age=6 , mass= 4.653000
age=6 , mass= 2.538000
age=5 , mass= 0.819000
age=5 , mass= 19.650999
age=5 , mass= 2.047000
age=5 , mass= 4.503000
age=6 , mass= 3.684000
age=6 , mass= 2.047000

age=6 , mass= 1.638000
age=5 , mass= 4.845000
age=5 , mass= 38.758999
age=6 , mass= 1.615000
age=5 , mass= 1.615000
age=5 , mass= 11.305000
age=5 , mass= 6.460000
age=5 , mass= 2.692000
age=5 , mass= 2.153000
age=5 , mass= 32.299000
age=5 , mass= 1.615000
age=6 , mass= 0.538000
age=5 , mass= 0.424000
age=5 , mass= 30.528000
age=5 , mass= 0.848000
age=5 , mass= 0.848000
age=5 , mass= 5.088000
age=5 , mass= 26.712000
age=5 , mass= 3.816000
age=5 , mass= 3.392000
age=5 , mass= 5.088000
age=5 , mass= 2.544000
age=5 , mass= 2.544000
age=5 , mass= 1.228000
age=5 , mass= 24.563000
age=5 , mass= 2.456000
age=6 , mass= 4.503000
age=6 , mass= 1.638000
age=6 , mass= 0.390000
age=5 , mass= 1.842000
age=5 , mass= 16.576000
age=6 , mass= 0.460000
age=6 , mass= 2.302000
age=6 , mass= 2.727000
age=5 , mass= 4.763000
age=5 , mass= 44.907001
age=5 , mass= 3.402000
age=5 , mass= 0.680000
age=5 , mass= 2.381000
age=5 , mass= 69.401001
age=5 , mass= 1.701000
age=5 , mass= 2.722000
age=5 , mass= 1.638000
age=5 , mass= 29.476000
age=5 , mass= 3.275000
age=5 , mass= 1.638000
age=5 , mass= 2.456000
age=5 , mass= 8.597000
age=5 , mass= 4.094000
age=5 , mass= 2.456000
age=5 , mass= 2.047000
age=5 , mass= 8.597000
age=5 , mass= 8.188000
age=5 , mass= 0.409000
age=5 , mass= 6.141000
age=5 , mass= 2.456000
age=5 , mass= 19.650999
age=5 , mass= 3.275000
age=5 , mass= 4.094000
age=7 , mass= 2.047000
age=7 , mass= 3.403000
age=7 , mass= 0.433000
age=5 , mass= 0.459000
age=5 , mass= 16.527000
age=5 , mass= 2.755000
age=7 , mass= 0.918000
age=7 , mass= 0.459000
age=7 , mass= 1.298000
age=7 , mass= 1.298000
age=5 , mass= 3.275000

age=5 , mass= 19.650999
age=5 , mass= 3.685000
age=6 , mass= 2.866000
age=6 , mass= 2.047000
age=6 , mass= 1.638000
age=9 , mass= 0.433000
age=5 , mass= 1.731000
age=5 , mass= 0.433000
age=5 , mass= 0.433000
age=5 , mass= 5.050000
age=5 , mass= 11.018000
age=6 , mass= 2.295000
age=6 , mass= 2.755000
age=5 , mass= 6.550000
age=5 , mass= 25.792000
age=5 , mass= 5.322000
age=5 , mass= 1.228000
age=5 , mass= 0.409000
age=5 , mass= 0.409000
age=5 , mass= 4.503000
age=5 , mass= 34.388000
age=5 , mass= 0.409000
age=5 , mass= 0.457000
age=5 , mass= 1.827000
age=5 , mass= 0.457000
age=5 , mass= 5.124000
age=5 , mass= 11.179000
age=5 , mass= 4.192000
age=8 , mass= 0.932000
age=8 , mass= 0.457000
age=5 , mass= 8.766000
age=5 , mass= 3.230000
age=5 , mass= 4.614000
age=5 , mass= 1.384000
age=5 , mass= 4.153000
age=5 , mass= 5.537000
age=5 , mass= 3.230000
age=5 , mass= 2.307000
age=5 , mass= 11.073000
age=5 , mass= 2.768000
age=5 , mass= 1.384000
age=5 , mass= 1.384000
age=5 , mass= 16.611000
age=5 , mass= 2.307000
age=5 , mass= 1.846000
age=5 , mass= 9.690000
age=5 , mass= 7.844000
age=5 , mass= 0.923000

INPUT FILE LISTING:

#bins	Input_file	Output_file	Case_title	Last_delivery
0	case12.wsm	case12.out	W12:off_aucf_noi_87	2045
Type	Cap	Hmin	Mmax	Kmin
				Kmax

OUTPUT FILE LISTING:

W12:off_aucf_noi_87
Standard Table

BWR Heat Percentiles

Watts/Assy	Assy	Cum Assy	Percent
10	465	465	0.28
20	2027	2492	1.49
30	1898	4390	2.62
40	3639	8029	4.79
50	3051	11080	6.61
60	5536	16616	9.91
70	6399	23015	13.72
80	7629	30644	18.27
90	7186	37830	22.55
100	6448	44278	26.40
110	6705	50983	30.39
120	7171	58154	34.67
130	6654	64808	38.63
140	3917	68725	40.97
150	4525	73250	43.67
160	4274	77524	46.22
170	4386	81910	48.83
180	3997	85907	51.21
190	5076	90983	54.24
200	5073	96056	57.26
210	6274	102330	61.00
220	6384	108714	64.81
230	6599	115313	68.74
240	7409	122722	73.16
250	6864	129586	77.25
260	6700	136286	81.25
270	5729	142015	84.66
280	5174	147189	87.75
290	3975	151164	90.12
300	3658	154822	92.30
310	2912	157734	94.03
320	2545	160279	95.55
330	2111	162390	96.81
340	1375	163765	97.63
350	2073	165838	98.86
360	1483	167321	99.75
370	197	167518	99.86
380	170	167688	99.97
390	57	167745	100.00
400	0	167745	100.00
410	0	167745	100.00
420	0	167745	100.00
430	0	167745	100.00
440	0	167745	100.00
450	0	167745	100.00
460	0	167745	100.00
470	0	167745	100.00
480	0	167745	100.00
490	0	167745	100.00
500	0	167745	100.00
510	0	167745	100.00
520	0	167745	100.00
530	0	167745	100.00
540	0	167745	100.00
550	0	167745	100.00

560	0	167745	100.00
570	0	167745	100.00
580	0	167745	100.00
590	0	167745	100.00
600	0	167745	100.00
610	0	167745	100.00
620	0	167745	100.00
630	0	167745	100.00
640	0	167745	100.00
650	0	167745	100.00
660	0	167745	100.00
670	0	167745	100.00
680	0	167745	100.00
690	0	167745	100.00
700	0	167745	100.00
710	0	167745	100.00
720	0	167745	100.00
730	0	167745	100.00
740	0	167745	100.00
750	0	167745	100.00
760	0	167745	100.00
770	0	167745	100.00
780	0	167745	100.00
790	0	167745	100.00
800	0	167745	100.00
810	0	167745	100.00
820	0	167745	100.00
830	0	167745	100.00
840	0	167745	100.00
850	0	167745	100.00
860	0	167745	100.00
870	0	167745	100.00
880	0	167745	100.00
890	0	167745	100.00
900	0	167745	100.00
910	0	167745	100.00
920	0	167745	100.00
930	0	167745	100.00
940	0	167745	100.00
950	0	167745	100.00
960	0	167745	100.00
970	0	167745	100.00
980	0	167745	100.00
990	0	167745	100.00
Above	0	167745	100.00

BWR Kinf Percentiles

Kinf	Assy	CumAssy	Percent
0.760	0	0	0.00
0.770	0	0	0.00
0.780	0	0	0.00
0.790	0	0	0.00
0.800	0	0	0.00
0.810	12	12	0.01
0.820	0	12	0.01
0.830	27	39	0.02
0.840	8	47	0.03
0.850	32	79	0.05
0.860	114	193	0.12
0.870	53	246	0.15
0.880	487	733	0.44
0.890	239	972	0.58
0.900	608	1580	0.94
0.910	416	1996	1.19
0.920	1211	3207	1.91
0.930	1475	4682	2.79
0.940	2199	6881	4.10
0.950	1806	8687	5.18
0.960	2822	11509	6.86

0.970	5375	16884	10.07
0.980	14383	31267	18.64
0.990	6991	38258	22.81
1.000	8010	46268	27.58
1.010	11642	57910	34.52
1.020	15691	73601	43.88
1.030	13437	87038	51.89
1.040	18972	106010	63.20
1.050	9909	115919	69.10
1.060	9784	125703	74.94
1.070	6461	132164	78.79
1.080	4283	136447	81.34
1.090	4623	141070	84.10
1.100	2791	143861	85.76
1.110	1627	145488	86.73
1.120	2713	148201	88.35
1.130	744	148945	88.79
1.140	1537	150482	89.71
1.150	1218	151700	90.43
1.160	789	152489	90.91
1.170	1541	154030	91.82
1.180	637	154667	92.20
1.190	579	155246	92.55
1.200	632	155878	92.93
1.210	688	156566	93.34
1.220	245	156811	93.48
1.230	355	157166	93.69
1.240	371	157537	93.91
1.250	1403	158940	94.75
1.260	895	159835	95.28
1.270	873	160708	95.80
1.280	404	161112	96.05
1.290	891	162003	96.58
1.300	471	162474	96.86
1.310	596	163070	97.21
1.320	138	163208	97.30
1.330	803	164011	97.77
1.340	370	164381	97.99
1.350	662	165043	98.39
1.360	127	165170	98.46
1.370	242	165412	98.61
1.380	840	166252	99.11
1.390	133	166385	99.19
1.400	193	166578	99.30
1.410	503	167081	99.60
1.420	16	167097	99.61
1.430	3	167100	99.62
1.440	92	167192	99.67
1.450	154	167346	99.76
1.460	169	167515	99.86
1.470	1	167516	99.86
1.480	3	167519	99.87
1.490	25	167544	99.88
1.500	0	167544	99.88
1.510	196	167740	100.00
1.520	0	167740	100.00
1.530	1	167741	100.00
1.540	4	167745	100.00
1.550	0	167745	100.00
1.560	0	167745	100.00
1.570	0	167745	100.00
1.580	0	167745	100.00
1.590	0	167745	100.00
Above	0	167745	100.00

PWR Heat Percentiles

Watts/Assy	Assy	Cum Assy	Percent
10	8	8	0.01
20	31	39	0.03

30	18	57	0.04
40	60	117	0.09
50	119	236	0.18
60	96	332	0.25
70	125	457	0.35
80	227	684	0.52
90	312	996	0.76
100	231	1227	0.93
110	490	1717	1.31
120	642	2359	1.79
130	1106	3465	2.63
140	1193	4658	3.54
150	808	5466	4.16
160	605	6071	4.62
170	770	6841	5.20
180	1431	8272	6.29
190	1459	9731	7.40
200	1246	10977	8.35
210	1299	12276	9.33
220	1951	14227	10.82
230	1434	15661	11.91
240	1667	17328	13.18
250	2113	19441	14.78
260	1682	21123	16.06
270	2360	23483	17.86
280	2068	25551	19.43
290	2349	27900	21.21
300	1762	29662	22.55
310	1888	31550	23.99
320	1817	33367	25.37
330	2007	35374	26.90
340	1699	37073	28.19
350	1909	38982	29.64
360	2206	41188	31.32
370	2317	43505	33.08
380	2323	45828	34.85
390	2485	48313	36.73
400	1997	50310	38.25
410	1867	52177	39.67
420	1520	53697	40.83
430	2356	56053	42.62
440	1892	57945	44.06
450	2393	60338	45.88
460	2448	62786	47.74
470	2287	65073	49.48
480	1979	67052	50.98
490	2281	69333	52.72
500	2225	71558	54.41
510	1827	73385	55.80
520	2117	75502	57.41
530	1691	77193	58.69
540	2143	79336	60.32
550	2391	81727	62.14
560	2536	84263	64.07
570	2021	86284	65.61
580	2619	88903	67.60
590	2138	91041	69.22
600	2820	93861	71.37
610	2313	96174	73.13
620	2323	98497	74.89
630	1525	100022	76.05
640	2118	102140	77.66
650	2310	104450	79.42
660	1854	106304	80.83
670	1858	108162	82.24
680	2073	110235	83.82
690	2563	112798	85.77
700	4068	116866	88.86
710	3249	120115	91.33
720	881	120996	92.00

730	957	121953	92.73
740	878	122831	93.39
750	722	123553	93.94
760	611	124164	94.41
770	751	124915	94.98
780	694	125609	95.51
790	340	125949	95.76
800	538	126487	96.17
810	289	126776	96.39
820	707	127483	96.93
830	293	127776	97.15
840	291	128067	97.38
850	181	128248	97.51
860	385	128633	97.81
870	424	129057	98.13
880	268	129325	98.33
890	66	129391	98.38
900	139	129530	98.49
910	100	129630	98.56
920	269	129899	98.77
930	99	129998	98.84
940	75	130073	98.90
950	275	130348	99.11
960	328	130676	99.36
970	217	130893	99.52
980	59	130952	99.57
990	53	131005	99.61
1000	209	131214	99.77
1010	146	131360	99.88
1020	0	131360	99.88
1030	41	131401	99.91
1040	1	131402	99.91
1050	0	131402	99.91
1060	0	131402	99.91
1070	0	131402	99.91
1080	0	131402	99.91
1090	0	131402	99.91
1100	33	131435	99.94
1110	0	131435	99.94
1120	0	131435	99.94
1130	0	131435	99.94
1140	1	131436	99.94
1150	0	131436	99.94
1160	0	131436	99.94
1170	0	131436	99.94
1180	0	131436	99.94
1190	3	131439	99.94
1200	0	131439	99.94
1210	0	131439	99.94
1220	0	131439	99.94
1230	0	131439	99.94
1240	0	131439	99.94
1250	0	131439	99.94
1260	0	131439	99.94
1270	0	131439	99.94
1280	45	131484	99.97
1290	0	131484	99.97
1300	0	131484	99.97
1310	0	131484	99.97
1320	0	131484	99.97
1330	0	131484	99.97
1340	0	131484	99.97
1350	0	131484	99.97
1360	0	131484	99.97
1370	0	131484	99.97
1380	0	131484	99.97
1390	0	131484	99.97
1400	1	131485	99.97
1410	0	131485	99.97
1420	0	131485	99.97

1430	0	131485	99.97
1440	0	131485	99.97
1450	0	131485	99.97
1460	0	131485	99.97
1470	0	131485	99.97
1480	1	131486	99.97
1490	0	131486	99.97
1500	0	131486	99.97
1510	0	131486	99.97
1520	0	131486	99.97
1530	0	131486	99.97
1540	0	131486	99.97
1550	0	131486	99.97
1560	33	131519	100.00
1570	0	131519	100.00
1580	0	131519	100.00
1590	0	131519	100.00
1600	0	131519	100.00
1610	0	131519	100.00
1620	0	131519	100.00
1630	0	131519	100.00
1640	0	131519	100.00
1650	0	131519	100.00
1660	0	131519	100.00
1670	0	131519	100.00
1680	0	131519	100.00
1690	0	131519	100.00
1700	0	131519	100.00
1710	0	131519	100.00
1720	0	131519	100.00
1730	0	131519	100.00
1740	0	131519	100.00
1750	0	131519	100.00
1760	0	131519	100.00
1770	0	131519	100.00
1780	0	131519	100.00
1790	0	131519	100.00
1800	0	131519	100.00
1810	0	131519	100.00
1820	0	131519	100.00
1830	0	131519	100.00
1840	0	131519	100.00
1850	0	131519	100.00
1860	0	131519	100.00
1870	0	131519	100.00
1880	0	131519	100.00
1890	0	131519	100.00
1900	0	131519	100.00
1910	0	131519	100.00
1920	0	131519	100.00
1930	0	131519	100.00
1940	0	131519	100.00
1950	0	131519	100.00
1960	0	131519	100.00
1970	0	131519	100.00
1980	0	131519	100.00
1990	0	131519	100.00
Above	0	131519	100.00

PWR Kinf Percentiles

Kinf	Assy	CumAssy	Percent
0.760	5	5	0.00
0.770	0	5	0.00
0.780	0	5	0.00
0.790	0	5	0.00
0.800	0	5	0.00
0.810	24	29	0.02
0.820	4	33	0.03
0.830	91	124	0.09

0.840	1	125	0.10
0.850	0	125	0.10
0.860	3	128	0.10
0.870	1	129	0.10
0.880	27	156	0.12
0.890	103	259	0.20
0.900	183	442	0.34
0.910	151	593	0.45
0.920	183	776	0.59
0.930	525	1301	0.99
0.940	1753	3054	2.32
0.950	3326	6380	4.85
0.960	5733	12113	9.21
0.970	7820	19933	15.16
0.980	8907	28840	21.93
0.990	12147	40987	31.16
1.000	13816	54803	41.67
1.010	12992	67795	51.55
1.020	13191	80986	61.58
1.030	15288	96274	73.20
1.040	8092	104366	79.35
1.050	5859	110225	83.81
1.060	3575	113800	86.53
1.070	2614	116414	88.51
1.080	1653	118067	89.77
1.090	2149	120216	91.41
1.100	1837	122053	92.80
1.110	1924	123977	94.27
1.120	1169	125146	95.15
1.130	1027	126173	95.94
1.140	668	126841	96.44
1.150	267	127108	96.65
1.160	659	127767	97.15
1.170	291	128058	97.37
1.180	440	128498	97.70
1.190	521	129019	98.10
1.200	163	129182	98.22
1.210	273	129455	98.43
1.220	128	129583	98.53
1.230	261	129844	98.73
1.240	378	130222	99.01
1.250	362	130584	99.29
1.260	153	130737	99.41
1.270	213	130950	99.57
1.280	82	131032	99.63
1.290	162	131194	99.75
1.300	45	131239	99.79
1.310	99	131338	99.86
1.320	109	131447	99.95
1.330	14	131461	99.96
1.340	8	131469	99.96
1.350	8	131477	99.97
1.360	4	131481	99.97
1.370	1	131482	99.97
1.380	0	131482	99.97
1.390	1	131483	99.97
1.400	0	131483	99.97
1.410	0	131483	99.97
1.420	12	131495	99.98
1.430	0	131495	99.98
1.440	16	131511	99.99
1.450	8	131519	100.00
1.460	0	131519	100.00
1.470	0	131519	100.00
1.480	0	131519	100.00
1.490	0	131519	100.00
1.500	0	131519	100.00
1.510	0	131519	100.00
1.520	0	131519	100.00
1.530	0	131519	100.00

1.540	0	131519	100.00
1.550	0	131519	100.00
1.560	0	131519	100.00
1.570	0	131519	100.00
1.580	0	131519	100.00
1.590	0	131519	100.00
Above	0	131519	100.00

Year	MTU	B Assy	P Assy
2010	291.05	1100	273
2011	602.95	1936	714
2012	1204.19	3057	1701
2013	1997.48	4597	2868
2014	2996.31	7191	4032
2015	2998.24	6070	4479
2016	3005.01	6269	4500
2017	2997.68	6093	4527
2018	3008.35	5982	4539
2019	3000.92	5081	4830
2020	2987.35	5477	4698
2021	2996.39	5345	4740
2022	3002.01	6005	4518
2023	3017.55	5477	4683
2024	2980.28	5098	4788
2025	3004.13	6028	4452
2026	3005.98	6481	4281
2027	3010.39	4972	4938
2028	3003.92	6072	4368
2029	2994.80	5280	4749
2030	2986.48	6072	4299
2031	3023.46	4928	4905
2032	2971.37	6204	4275
2033	3004.10	6204	4314
2034	3000.33	5368	4635
2035	3006.73	5148	4728
2036	3004.81	5632	4581
2037	2985.90	5808	4380
2038	2999.40	4444	4983
2039	3017.37	6688	4212
2040	2993.90	6072	4386
2041	1668.48	1566	3143
2042	0.00	0	0
2043	0.00	0	0
2044	0.00	0	0
2045	0.00	0	0

Average age = 25.500

JUNK FILE LISTING:

Nassy=1 burnup=1.87	kinf=1.529	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.45	kinf=1.536	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.53	kinf=1.535	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=1 burnup=6.38	kinf=1.455	Enrch=3.63	Dschg=1969	WEST VALLEY
Nassy=2 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=3 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=8 burnup=0.34	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.18	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.36	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.23	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=10 burnup=0.34	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.22	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (

Nassy=2 burnup=1.63	kinf=1.295 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.77	kinf=1.260 Enrch=1.93 Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.31	kinf=1.299 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.86	kinf=1.291 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.85	kinf=1.257 Enrch=1.93 Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.79	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=19 burnup=1.74	kinf=1.293 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.34	kinf=1.299 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.46	kinf=1.270 Enrch=1.97 Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.57	kinf=1.267 Enrch=1.96 Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.50	kinf=1.297 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.76	kinf=1.261 Enrch=1.94 Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.23	kinf=1.279 Enrch=2.00 Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.31	kinf=1.299 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.46	kinf=1.298 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.48	kinf=1.297 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.00	kinf=1.305 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.09	kinf=1.303 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.27	kinf=1.300 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=3 burnup=0.86	kinf=1.307 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.28	kinf=1.300 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.32	kinf=1.275 Enrch=1.99 Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.32	kinf=1.275 Enrch=1.99 Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.11	kinf=1.302 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.42	kinf=1.298 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.23	kinf=1.301 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=11 burnup=1.34	kinf=1.300 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.88	kinf=1.291 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.15	kinf=1.302 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.44	kinf=1.298 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.85	kinf=1.291 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=12 burnup=1.85	kinf=1.291 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.85	kinf=1.291 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.291 Enrch=2.04 Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.62	kinf=1.265 Enrch=1.96 Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.64	kinf=1.264 Enrch=1.95 Dschg=1971	GE MORRIS (
Nassy=24 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.13	kinf=1.303 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=24 burnup=1.63	kinf=1.295 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.78	kinf=1.260 Enrch=1.94 Dschg=1971	GE MORRIS (
Nassy=2 burnup=9.28	kinf=1.410 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=4.99	kinf=1.478 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=8.24	kinf=1.426 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=1.53	kinf=1.318 Enrch=2.26 Dschg=1971	DRESDEN
Nassy=1 burnup=4.49	kinf=1.250 Enrch=2.11 Dschg=1971	OYSTER CRK
Nassy=1 burnup=3.27	kinf=1.212 Enrch=1.78 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=44 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=36 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=6 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=6 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.13	kinf=1.217 Enrch=1.80 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=25 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=34 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=8 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=25 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=8 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.77	kinf=1.249 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.28	kinf=1.271 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=2.73	kinf=1.279 Enrch=2.13 Dschg=1972	GE MORRIS (

Nassy=19 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=22 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=1 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=7 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=6 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=4 burnup=2.84	kinf=1.277 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=33 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=21 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=20 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=15 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=28 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=16 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=17 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=7 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.64	kinf=1.172 Enrch=1.66 Dschg=1972	GE MORRIS (
Nassy=1 burnup=8.59	kinf=1.421 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=9.12	kinf=1.413 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=8.73	kinf=1.419 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=2 burnup=4.86	kinf=1.239 Enrch=2.08 Dschg=1972	HILLSTONE
Nassy=4 burnup=6.45	kinf=1.454 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=8.75	kinf=1.418 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=7.35	kinf=1.440 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=3.88	kinf=1.262 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=2 burnup=4.96	kinf=1.246 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=1 burnup=1.05	kinf=1.365 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=0.97	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.32	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=11 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=9 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=2 burnup=4.00	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.05	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=4 burnup=1.16	kinf=1.364 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=4.66	kinf=1.311 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=4.66	kinf=1.311 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=4.69	kinf=1.310 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=3 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=8.77	kinf=1.418 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=4 burnup=9.10	kinf=1.413 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=3.97	kinf=1.271 Enrch=2.19 Dschg=1973	PILGRIM
Nassy=1 burnup=2.63	kinf=1.290 Enrch=2.19 Dschg=1973	PILGRIM
Nassy=1 burnup=8.95	kinf=1.415 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=1 burnup=8.15	kinf=1.428 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=2 burnup=4.95	kinf=1.306 Enrch=2.50 Dschg=1974	VT YANKEE
Nassy=6 burnup=4.95	kinf=1.306 Enrch=2.50 Dschg=1974	VT YANKEE
Nassy=1 burnup=7.57	kinf=1.476 Enrch=3.92 Dschg=1975	LACROSSE
Nassy=1 burnup=3.71	kinf=1.263 Enrch=2.12 Dschg=1975	DUANE ARNOL
Nassy=1 burnup=3.78	kinf=1.280 Enrch=2.23 Dschg=1975	DRESDEN
Nassy=1 burnup=4.80	kinf=1.467 Enrch=3.54 Dschg=1976	BIG ROCK
Nassy=1 burnup=2.90	kinf=1.273 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=1 burnup=3.30	kinf=1.267 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=2.43	kinf=1.105 Enrch=1.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=3.05	kinf=1.320 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.30	kinf=1.315 Enrch=2.40 Dschg=1976	HUMBOLDT BA
Nassy=4 burnup=2.43	kinf=1.329 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.69	kinf=1.325 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=3.89	kinf=1.308 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=3.89	kinf=1.308 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=4.34	kinf=1.301 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=1.31	kinf=1.346 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=12.04	kinf=1.407 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.30	kinf=1.403 Enrch=3.93 Dschg=1977	-LACROSSE

Nassy=1 burnup=7.61	kinf=1.476 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.42	kinf=1.401 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=5 burnup=3.65	kinf=1.282 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=3.08	kinf=1.291 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=3 burnup=4.00	kinf=1.277 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=1 burnup=4.00	kinf=1.277 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=21 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=3 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=1 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=22 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=3.58	kinf=1.019 Enrch=0.72 Dschg=1980	HATCH
Nassy=15 burnup=1.89	kinf=1.041 Enrch=0.72 Dschg=1980	HATCH
Nassy=1 burnup=1.89	kinf=1.041 Enrch=0.72 Dschg=1980	HATCH
Nassy=24 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	HATCH
Nassy=1 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	HATCH
Nassy=3 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	HATCH
Nassy=15 burnup=2.83	kinf=1.028 Enrch=0.72 Dschg=1980	HATCH
Nassy=1 burnup=2.83	kinf=1.028 Enrch=0.72 Dschg=1980	HATCH
Nassy=8 burnup=4.31	kinf=1.009 Enrch=0.72 Dschg=1980	HATCH
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1980	HATCH
Nassy=8 burnup=3.15	kinf=1.024 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=4.11	kinf=1.012 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=21 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=15 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=12 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=7 burnup=2.96	kinf=1.027 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=1 burnup=2.96	kinf=1.027 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=4 burnup=3.14	kinf=1.024 Enrch=0.72 Dschg=1985	LASALLE
Nassy=6 burnup=4.86	kinf=1.003 Enrch=0.72 Dschg=1985	LASALLE
Nassy=2 burnup=4.86	kinf=1.003 Enrch=0.72 Dschg=1985	LASALLE
Nassy=8 burnup=2.92	kinf=1.027 Enrch=0.72 Dschg=1985	LASALLE
Nassy=8 burnup=3.41	kinf=1.021 Enrch=0.72 Dschg=1985	LASALLE
Nassy=18 burnup=4.08	kinf=1.012 Enrch=0.72 Dschg=1985	LASALLE
Nassy=30 burnup=3.91	kinf=1.015 Enrch=0.72 Dschg=1985	LASALLE
Nassy=1 burnup=2.64	kinf=1.031 Enrch=0.72 Dschg=1985	LASALLE
Nassy=7 burnup=2.64	kinf=1.031 Enrch=0.72 Dschg=1985	LASALLE
Nassy=1 burnup=2.22	kinf=1.038 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=7 burnup=2.22	kinf=1.038 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=14 burnup=2.86	kinf=1.030 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=8 burnup=3.07	kinf=1.027 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=15 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=7 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=2 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=16 burnup=1.77	kinf=1.044 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=4 burnup=3.28	kinf=1.024 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=2 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=12 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=6 burnup=3.09	kinf=1.026 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=2 burnup=3.09	kinf=1.026 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=4 burnup=2.76	kinf=1.030 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=4 burnup=2.76	kinf=1.030 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=12 burnup=3.50	kinf=1.020 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=9 burnup=3.98	kinf=1.015 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=13 burnup=3.98	kinf=1.015 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=8 burnup=4.72	kinf=1.006 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=11 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=44 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=7 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=26 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=4 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=37 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=26 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=28 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE

Nassy=1 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=18 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=5 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=1 burnup=5.00	kinf=1.488 Enrch=3.71 Dschg=1987	LACROSSE
Nassy=37 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=27 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=8 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=7 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=19 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=16 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=26 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=20 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=4 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=15 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=33 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=3 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=1 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=8 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=16 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=30 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=35 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=2 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=1 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=12 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=12 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=33 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=5 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=14 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=29 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=1 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=10 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	SUSQUEHANNA
Nassy=36 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=44 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=8 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=1 burnup=1.97	kinf=1.483 Enrch=3.34 Dschg=1994	RVR BEND
Nassy=17 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=132 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=8 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=19 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=22 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=38 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=20 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=15 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=132 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=38 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=1 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=6 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=10 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=88 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=32 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=8 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=15 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=43 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=36 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=8 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=5 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=40 burnup=3.22	kinf=1.457 Enrch=3.30 Dschg=2022	LASALLE
Nassy=44 burnup=3.22	kinf=1.457 Enrch=3.30 Dschg=2022	LASALLE
Nassy=24 burnup=3.22	kinf=1.457 Enrch=3.30 Dschg=2022	LASALLE
Nassy=20 burnup=3.22	kinf=1.457 Enrch=3.30 Dschg=2022	LASALLE
Nassy=36 burnup=3.22	kinf=1.457 Enrch=3.30 Dschg=2022	LASALLE
Nassy=23 burnup=10.67	kinf=1.402 Enrch=3.73 Dschg=2024	SUSQUEHANNA
Nassy=2 burnup=10.67	kinf=1.402 Enrch=3.73 Dschg=2024	SUSQUEHANNA
Nassy=27 burnup=10.67	kinf=1.402 Enrch=3.73 Dschg=2024	SUSQUEHANNA
Nassy=5 burnup=7.19	kinf=1.504 Enrch=4.07 Dschg=2026	NINE MILE P
Nassy=176 burnup=7.19	kinf=1.504 Enrch=4.07 Dschg=2026	NINE MILE P
Nassy=12 burnup=7.19	kinf=1.504 Enrch=4.07 Dschg=2026	NINE MILE P

Nassy=3 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
age=9 , mass= 3.685000
age=9 , mass= 17.194000
age=9 , mass= 0.409000
age=9 , mass= 8.188000
age=9 , mass= 2.047000
age=9 , mass= 0.410000
age=9 , mass= 1.229000
age=9 , mass= 0.433000
age=9 , mass= 2.596000
age=9 , mass= 16.527000
age=9 , mass= 4.591000
age=8 , mass= 4.913000
age=8 , mass= 25.792000
age=8 , mass= 6.960000
age=8 , mass= 1.638000
age=8 , mass= 0.409000
age=8 , mass= 8.188000
age=8 , mass= 17.194000
age=8 , mass= 8.188000
age=8 , mass= 0.409000
age=8 , mass= 5.322000
age=8 , mass= 0.914000
age=8 , mass= 1.827000
age=8 , mass= 3.261000
age=8 , mass= 11.179000
age=8 , mass= 4.658000
age=8 , mass= 0.932000
age=8 , mass= 1.397000
age=8 , mass= 0.457000
age=5 , mass= 7.844000
age=5 , mass= 1.384000
age=5 , mass= 7.382000
age=5 , mass= 0.461000
age=5 , mass= 0.923000
age=5 , mass= 2.307000
age=5 , mass= 11.073000
age=5 , mass= 1.846000
age=5 , mass= 3.691000
age=5 , mass= 5.537000
age=5 , mass= 3.691000
age=5 , mass= 1.846000
age=5 , mass= 0.461000
age=5 , mass= 5.076000
age=5 , mass= 11.074000
age=5 , mass= 4.153000
age=5 , mass= 0.923000
age=5 , mass= 9.690000
age=5 , mass= 5.998000
age=5 , mass= 3.230000

INPUT FILE LISTING:

#bins	Input_file	Output_file	Case_title	Last_delivery	
8	case1.wsm	finalw1.out	FINAL-W1	2045	
Type	Cap	Mmin	Mmax	Kmin	Kmax
p	21	0	850	0.00	1.00
p	21	0	850	1.00	1.13
p	21	0	850	1.13	1.45
p	12	850	1500	0.00	1.02
s	12	0	1500	0.00	1.13
b	44	0	400	0.00	1.00
b	44	0	400	1.00	1.37
b	24	0	520	0.00	1.54

OUTPUT FILE LISTING:

FINAL-W1
8 Bins

Type=p Cap=21 Mmin=0.0 Mmax=850.0 Kmin=0.00 Kmax=1.00

Year	Num Assy	Num Pkgs	MTU
2010	60	2.86	26.98
2011	81	3.86	36.11
2012	386	18.38	171.11
2013	607	28.90	265.51
2014	940	44.76	392.02
2015	1031	49.10	448.21
2016	1194	56.86	514.70
2017	899	42.81	389.64
2018	1088	51.81	468.24
2019	1022	48.67	442.90
2020	1053	50.14	458.81
2021	1290	61.43	557.52
2022	1277	60.81	551.40
2023	1234	58.76	533.01
2024	1310	62.38	575.96
2025	1207	57.48	512.39
2026	1599	76.14	637.78
2027	2385	113.57	989.00
2028	1921	91.48	822.49
2029	1845	88.81	802.43
2030	1835	87.38	776.74
2031	2335	111.19	1012.79
2032	2205	105.00	933.07
2033	1493	71.10	642.58
Bin Total	30317	1443.67	12961.40

Type=p Cap=21 Mmin=0.0 Mmax=850.0 Kmin=1.00 Kmax=1.13

Year	Num Assy	Num Pkgs	MTU
2010	339	16.14	151.09
2011	551	26.24	237.07
2012	1169	55.67	507.56
2013	1956	93.14	848.18
2014	3136	149.33	1368.67
2015	3246	154.57	1398.22
2016	2737	130.33	1189.58
2017	3176	151.24	1380.04
2018	2773	132.05	1199.63
2019	2918	138.95	1264.78
2020	2884	137.33	1240.88
2021	2674	127.33	1159.38
2022	2736	130.29	1189.99

2023	2780	132.38	1198.37
2024	2478	118.00	1069.48
2025	2449	116.62	1062.10
2026	1969	93.76	824.11
2027	1743	83.00	729.03
2028	2288	108.95	972.43
2029	2501	119.10	1081.59
2030	2698	128.48	1150.11
2031	2474	117.81	1054.47
2032	2473	117.76	1058.77
2033	1307	62.24	561.34

Bin Total 55455 2640.71 23896.88

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=1.13 Kmax=1.45

Year	Num_Assy	Num_Pkgs	MTU
2010	2	0.10	0.90
2011	96	4.57	44.46
2012	0	0.00	0.00
2013	188	8.95	77.85
2014	133	6.33	50.92
2015	6	0.29	2.54
2016	43	2.05	16.03
2017	60	2.86	24.00
2018	79	3.76	32.05
2019	135	6.43	54.08
2020	100	4.76	41.56
2021	48	2.29	21.04
2022	57	2.71	26.25
2023	240	11.43	106.23
2024	299	14.24	127.67
2025	83	3.95	35.36
2026	414	19.71	122.72
2027	135	6.43	50.39
2028	33	1.57	9.62
2029	44	2.10	17.88
2030	87	4.14	28.94
2031	63	3.00	22.58
2032	131	6.24	43.87
2033	44	2.10	19.89

Bin Total 2520 120.00 976.81

Type=p Cap=12 Hmin=850.0 Hmax=1500.0 Kmin=0.00 Kmax=1.02

Year	Num_Assy	Num_Pkgs	MTU
2010	19	1.58	8.82
2011	19	1.58	8.06
2012	106	8.83	48.08
2013	269	22.42	122.34
2014	360	30.00	168.94
2015	256	21.33	115.23
2016	373	31.08	169.77
2017	374	31.17	174.29
2018	372	31.00	169.65
2019	409	34.08	190.34
2020	430	35.83	189.26
2021	344	28.67	155.12
2022	448	37.33	202.89
2023	292	24.33	129.96
2024	302	25.17	133.77
2025	301	25.08	132.03
2026	0	0.00	0.00
2027	0	0.00	0.00
2028	0	0.00	0.00

2029	0	0.00	0.00
2030	0	0.00	0.00
2031	0	0.00	0.00
2032	0	0.00	0.00
2033	0	0.00	0.00
Bin Total	4674	389.50	2118.54

Type=s Cap=12 Nmin=0.0 Hmax=1500.0 Kmin=0.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	81	6.75	43.60
2013	171	14.25	92.05
2014	0	0.00	0.00
2015	144	12.00	77.52
2016	87	7.25	46.83
2017	177	14.75	95.28
2018	144	12.00	77.52
2019	153	12.75	82.37
2020	90	7.50	48.47
2021	96	8.00	51.70
2022	123	10.25	66.37
2023	108	9.00	58.20
2024	114	9.50	61.37
2025	116	9.67	62.59
2026	0	0.00	0.00
2027	0	0.00	0.00
2028	0	0.00	0.00
2029	0	0.00	0.00
2030	0	0.00	0.00
2031	0	0.00	0.00
2032	168	14.00	90.44
2033	28	2.33	15.07
Bin Total	1800	150.00	969.37

Type=b Cap=44 Nmin=0.0 Hmax=400.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	96	2.18	17.12
2011	544	12.36	93.47
2012	845	19.20	144.20
2013	940	21.36	162.38
2014	1617	36.75	280.45
2015	1470	33.41	257.19
2016	1780	40.45	306.81
2017	1436	32.64	250.92
2018	2143	48.70	370.47
2019	1366	31.05	237.69
2020	1505	34.20	263.57
2021	1438	32.68	254.37
2022	1660	37.73	290.43
2023	1653	37.57	293.91
2024	1887	42.89	332.40
2025	2357	53.57	407.55
2026	527	11.98	92.30
2027	1297	29.48	232.86
2028	721	16.39	127.79
2029	790	17.95	138.32
2030	1197	27.20	206.89
2031	1478	33.59	255.82
2032	1336	30.36	231.36
2033	504	11.45	85.86

Bin Total 30587 695.16 5334.16

Type=b Cap=44 Hmin=0.0 Hmax=400.0 Kmin=1.00 Kmax=1.37

Year	Num_Assy	Num_Pkgs	MTU
2010	476	10.82	85.02
2011	1040	23.64	184.62
2012	1663	37.80	297.20
2013	2316	52.64	410.88
2014	4220	95.91	737.58
2015	3875	88.07	693.88
2016	4181	95.02	750.71
2017	3887	88.34	702.99
2018	3747	85.16	676.67
2019	4001	90.93	734.34
2020	4171	94.80	773.93
2021	4176	94.91	771.01
2022	3452	78.45	618.07
2023	3712	84.36	674.86
2024	3657	83.11	653.46
2025	4209	95.66	742.08
2026	7718	175.41	1320.03
2027	5870	133.41	1009.75
2028	5899	134.07	1065.03
2029	5207	118.34	947.69
2030	4844	110.09	859.75
2031	3598	81.77	637.76
2032	3699	84.07	654.04
2033	3071	69.80	546.46

Bin Total 92689 2106.57 16547.84

Type=b Cap=24 Hmin=0.0 Hmax=520.0 Kmin=0.00 Kmax=1.54

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	0	0.00	0.00
2014	0	0.00	0.00
2015	0	0.00	0.00
2016	0	0.00	0.00
2017	0	0.00	0.00
2018	0	0.00	0.00
2019	0	0.00	0.00
2020	0	0.00	0.00
2021	106	4.42	17.50
2022	344	14.33	58.93
2023	3	0.13	0.51
2024	176	7.33	29.86
2025	272	11.33	46.08
2026	48	2.00	5.21
2027	1	0.04	0.12
2028	1	0.04	0.12
2029	8	0.33	1.03
2030	29	1.21	3.54
2031	5	0.21	0.60
2032	0	0.00	0.00
2033	0	0.00	0.00

Bin Total 993 41.38 163.50

Summary Table

Type	Cap	Num_Assy	PctType	Num_Pkg	MTU
p	21	30317	31.96	1443.67	12961.40

p	21	55455	58.47	2640.71	23896.88
p	21	2520	2.66	120.00	976.81
p	12	4674	4.83	389.50	2118.54
s	12	1800	1.90	150.00	969.37
b	44	30587	24.61	695.16	5334.16
b	44	92689	74.59	2106.57	16547.84
b	24	993	0.80	41.38	163.50
b	1	0	0.00	0.00	0.00
p	1	81	0.09	81.00	35.20
s	1	0	0.00	0.00	0.00

Totals	219116	7586.98	63003.69
--------	--------	---------	----------

JUNK FILE LISTING:

Nassy=1 burnup=1.87	kinf=1.529	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.45	kinf=1.536	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.53	kinf=1.535	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=1 burnup=6.38	kinf=1.455	Enrch=3.63	Dschg=1969	WEST VALLEY
Nassy=2 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=3 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=8 burnup=0.34	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.18	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.36	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.23	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=10 burnup=0.34	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.22	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.22	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=7 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.77	kinf=1.260	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.86	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.85	kinf=1.257	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.79	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=16 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.34	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.46	kinf=1.270	Enrch=1.97	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.57	kinf=1.267	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.76	kinf=1.261	Enrch=1.94	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.23	kinf=1.279	Enrch=2.00	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.46	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.09	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.27	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.27	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.28	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.32	kinf=1.275	Enrch=1.99	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.11	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.42	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.23	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=11 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.15	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.44	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=20 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.291	Enrch=2.04	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.62	kinf=1.265	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.64	kinf=1.264	Enrch=1.95	Dschg=1971	GE MORRIS (

Nassy=1 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=22 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.13	kinf=1.303 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=18 burnup=1.63	kinf=1.295 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.63	kinf=1.295 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.78	kinf=1.260 Enrch=1.94 Dschg=1971	GE MORRIS (
Nassy=2 burnup=9.28	kinf=1.410 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=4.99	kinf=1.478 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=8.24	kinf=1.426 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=1.53	kinf=1.318 Enrch=2.26 Dschg=1971	DRESDEN
Nassy=1 burnup=4.49	kinf=1.250 Enrch=2.11 Dschg=1971	OYSTER CRK
Nassy=1 burnup=3.27	kinf=1.212 Enrch=1.78 Dschg=1972	GE MORRIS (
Nassy=22 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=25 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=19 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.13	kinf=1.217 Enrch=1.80 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=21 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=19 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=38 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=6 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.77	kinf=1.249 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.28	kinf=1.271 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=2.73	kinf=1.279 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=7 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=16 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=9 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=4 burnup=2.84	kinf=1.277 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=44 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=7 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=21 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=25 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=19 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=24 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.64	kinf=1.172 Enrch=1.66 Dschg=1972	GE MORRIS (
Nassy=1 burnup=8.59	kinf=1.421 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=9.12	kinf=1.413 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=8.73	kinf=1.419 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=2 burnup=4.86	kinf=1.239 Enrch=2.08 Dschg=1972	MILLSTONE
Nassy=4 burnup=6.45	kinf=1.454 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=8.75	kinf=1.418 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=7.35	kinf=1.440 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=3.88	kinf=1.262 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=2 burnup=4.96	kinf=1.246 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=1 burnup=1.05	kinf=1.365 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=0.97	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.32	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE

Nassy=12 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=2 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=7 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=2 burnup=4.00	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.05	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=4 burnup=1.16	kinf=1.364 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=6 burnup=4.66	kinf=1.311 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=4.69	kinf=1.310 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=4 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=8.77	kinf=1.418 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=9.10	kinf=1.413 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=3 burnup=9.10	kinf=1.413 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=3.97	kinf=1.271 Enrch=2.19 Dschg=1973	PILGRIM
Nassy=1 burnup=2.63	kinf=1.290 Enrch=2.19 Dschg=1973	PILGRIM
Nassy=1 burnup=8.95	kinf=1.415 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=1 burnup=8.15	kinf=1.428 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=5 burnup=4.95	kinf=1.306 Enrch=2.50 Dschg=1974	VT YANKEE
Nassy=3 burnup=4.95	kinf=1.306 Enrch=2.50 Dschg=1974	VT YANKEE
No bin for p 6.826634 1.454020		
Nassy=1 burnup=7.57	kinf=1.476 Enrch=3.92 Dschg=1975	LACROSSE
Nassy=1 burnup=3.71	kinf=1.263 Enrch=2.12 Dschg=1975	DUANE ARNOL
Nassy=1 burnup=3.78	kinf=1.280 Enrch=2.23 Dschg=1975	DRESDEN
Nassy=1 burnup=2.90	kinf=1.273 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=1 burnup=3.30	kinf=1.267 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=2.43	kinf=1.105 Enrch=1.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=3.05	kinf=1.320 Enrch=2.41 Dschg=1976	MUMBOLDT BA
Nassy=2 burnup=3.30	kinf=1.315 Enrch=2.40 Dschg=1976	MUMBOLDT BA
Nassy=2 burnup=2.43	kinf=1.329 Enrch=2.41 Dschg=1976	MUMBOLDT BA
Nassy=2 burnup=2.43	kinf=1.329 Enrch=2.41 Dschg=1976	MUMBOLDT BA
Nassy=2 burnup=2.69	kinf=1.325 Enrch=2.41 Dschg=1976	MUMBOLDT BA
Nassy=2 burnup=3.89	kinf=1.308 Enrch=2.41 Dschg=1976	MUMBOLDT BA
Nassy=2 burnup=4.34	kinf=1.301 Enrch=2.41 Dschg=1976	MUMBOLDT BA
Nassy=1 burnup=1.31	kinf=1.346 Enrch=2.41 Dschg=1976	MUMBOLDT BA
Nassy=1 burnup=12.04	kinf=1.407 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.30	kinf=1.403 Enrch=3.93 Dschg=1977	LACROSSE
Nassy=1 burnup=7.61	kinf=1.476 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.42	kinf=1.401 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=5 burnup=3.65	kinf=1.282 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=3.08	kinf=1.291 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=4.00	kinf=1.277 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=21 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=5 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=1 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=22 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=3.58	kinf=1.019 Enrch=0.72 Dschg=1980	MATCH
Nassy=10 burnup=1.89	kinf=1.041 Enrch=0.72 Dschg=1980	MATCH
Nassy=6 burnup=1.89	kinf=1.041 Enrch=0.72 Dschg=1980	MATCH
Nassy=8 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	MATCH
Nassy=20 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	MATCH
Nassy=10 burnup=2.83	kinf=1.028 Enrch=0.72 Dschg=1980	MATCH
Nassy=6 burnup=2.83	kinf=1.028 Enrch=0.72 Dschg=1980	MATCH
Nassy=8 burnup=4.31	kinf=1.009 Enrch=0.72 Dschg=1980	MATCH
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1980	MATCH
Nassy=5 burnup=3.15	kinf=1.024 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=3 burnup=3.15	kinf=1.024 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=4.11	kinf=1.012 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=33 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=12 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=3 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=2.96	kinf=1.027 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=2.22	kinf=1.038 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=14 burnup=2.86	kinf=1.030 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=3 burnup=3.07	kinf=1.027 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=5 burnup=3.07	kinf=1.027 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=31 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=11 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=16 burnup=1.77	kinf=1.044 Enrch=0.73 Dschg=1986	WASH NUCLEA

Nassy=4 burnup=3.28 kinf=1.024 Enrch=0.73 Dschg=1986 WASH NUCLEA
 Nassy=22 burnup=4.17 kinf=1.013 Enrch=0.73 Dschg=1986 SUSQUEHANNA
 Nassy=4 burnup=4.17 kinf=1.013 Enrch=0.73 Dschg=1986 SUSQUEHANNA
 Nassy=8 burnup=3.09 kinf=1.026 Enrch=0.73 Dschg=1986 SUSQUEHANNA
 Nassy=8 burnup=2.76 kinf=1.030 Enrch=0.72 Dschg=1986 SUSQUEHANNA
 Nassy=12 burnup=3.50 kinf=1.020 Enrch=0.72 Dschg=1986 SUSQUEHANNA
 Nassy=7 burnup=3.98 kinf=1.015 Enrch=0.73 Dschg=1986 SUSQUEHANNA
 Nassy=15 burnup=3.98 kinf=1.015 Enrch=0.73 Dschg=1986 SUSQUEHANNA
 Nassy=15 burnup=5.00 kinf=1.487 Enrch=3.70 Dschg=1987 LACROSSE
 Nassy=8 burnup=5.00 kinf=1.487 Enrch=3.70 Dschg=1987 LACROSSE
 Nassy=1 burnup=5.00 kinf=1.488 Enrch=3.71 Dschg=1987 LACROSSE
 Nassy=37 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 CLINTON
 Nassy=7 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 CLINTON
 Nassy=32 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 CLINTON
 Nassy=6 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 ENRICO FERM
 Nassy=2 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 ENRICO FERM
 Nassy=9 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 ENRICO FERM
 Nassy=35 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 ENRICO FERM
 Nassy=9 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 ENRICO FERM
 Nassy=31 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 ENRICO FERM
 Nassy=28 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P
 Nassy=2 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P
 Nassy=42 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P
 Nassy=2 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P
 Nassy=18 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P
 Nassy=4 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 SUSQUEHANNA
 Nassy=41 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK
 Nassy=38 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK
 Nassy=6 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK
 Nassy=7 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK
 Nassy=1 burnup=1.97 kinf=1.483 Enrch=3.34 Dschg=1994 RVR BEND
 No bin for p 880.856750 1.021892
 No bin for p 880.856750 1.021892
 No bin for p 882.116028 1.021649
 No bin for p 882.116028 1.021649
 No bin for p 882.116028 1.021649
 No bin for p 882.116028 1.021649
 No bin for p 882.116028 1.021649
 No bin for p 884.637085 1.021164
 No bin for p 884.637085 1.021164
 No bin for p 884.637024 1.021164
 Nassy=8 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=25 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=19 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=25 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=19 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=25 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=19 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=25 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=11 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=4 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=12 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=32 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=12 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=20 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 age=9, mass= 2.166000
 age=9, mass= 0.722000
 age=9, mass= 5.776000
 Nassy=32 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=132 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=25 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=3 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 No bin for p 887.186035 1.020675
 No bin for p 888.449402 1.020434
 No bin for p 888.449463 1.020434

INPUT FILE LISTING:

#bins	Input_file_	Output_file_	Case_title_	Last_delivery
8	case2.wsm	finalw2.out	FINAL-W2	2045
Type	Cap	Hmin	Hmax	Kmin
p	21	0	850	0.00
p	21	0	850	1.00
p	21	0	850	1.13
p	12	850	1500	0.00
s	12	0	1500	0.00
b	44	0	400	0.00
b	44	0	400	1.00
b	24	0	520	0.00

OUTPUT FILE LISTING:

FINAL-W2
8 Bins

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	57	2.71	25.96
2011	196	9.33	85.74
2012	362	17.24	159.17
2013	553	26.33	240.62
2014	1128	53.71	473.19
2015	1092	52.00	477.71
2016	1227	58.43	522.13
2017	982	46.76	423.82
2018	1107	52.71	481.19
2019	1405	66.90	606.96
2020	1206	57.43	530.52
2021	1193	56.81	521.87
2022	1143	54.43	486.63
2023	1108	52.76	478.35
2024	809	38.52	354.84
2025	1229	58.52	530.50
2026	1534	73.05	608.67
2027	2321	110.52	962.40
2028	2053	97.76	879.01
2029	1796	85.52	772.29
2030	1765	84.05	743.41
2031	2330	110.95	1016.43
2032	2094	99.71	888.81
2033	1639	78.05	704.45
Bin Total	30329	1444.24	12974.65

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=1.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	527	25.10	230.67
2011	751	35.76	324.76
2012	1089	51.86	471.10
2013	2124	101.14	921.91
2014	3125	148.81	1356.00
2015	3238	154.19	1389.74
2016	2679	127.57	1165.02
2017	3048	145.14	1323.08
2018	2660	126.67	1157.51
2019	2774	132.10	1195.16
2020	2814	134.00	1213.48
2021	2793	133.00	1201.67
2022	2627	125.10	1135.18

2023	2865	136.43	1243.69
2024	2427	115.57	1039.26
2025	2218	105.62	972.45
2026	1873	89.19	779.78
2027	1699	80.90	714.21
2028	2193	104.43	931.40
2029	2423	115.38	1049.49
2030	2751	131.00	1166.39
2031	2242	106.76	959.27
2032	2495	118.81	1070.10
2033	1441	68.62	620.09

Bin Total 54876 2613.14 23631.41

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=1.13 Kmax=1.45

Year	Num_Assy	Num_Pkgs	MTU
2010	4	0.19	1.75
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	53	2.52	20.74
2014	40	1.90	17.03
2015	42	2.00	19.51
2016	3	0.14	1.19
2017	62	2.95	25.82
2018	86	4.10	33.93
2019	44	2.10	17.93
2020	123	5.86	49.05
2021	46	2.19	18.13
2022	139	6.62	63.30
2023	505	24.05	215.41
2024	654	31.14	278.42
2025	110	5.24	46.90
2026	407	19.38	119.79
2027	285	13.57	119.55
2028	101	4.81	40.05
2029	44	2.10	17.96
2030	104	4.95	36.45
2031	132	6.29	48.49
2032	94	4.48	28.73
2033	34	1.62	15.62

Bin Total 3112 148.19 1235.75

Type=p Cap=12 Hmin=850.0 Hmax=1500.0 Kmin=0.00 Kmax=1.02

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	34	2.83	14.42
2012	61	5.08	27.40
2013	239	19.92	108.21
2014	282	23.50	127.52
2015	227	18.92	102.56
2016	375	31.25	170.61
2017	318	26.50	142.55
2018	341	28.42	155.08
2019	368	30.67	165.26
2020	372	31.00	167.94
2021	276	23.00	124.63
2022	559	46.58	253.08
2023	332	27.67	147.27
2024	274	22.83	121.54
2025	389	32.42	173.27
2026	0	0.00	0.00
2027	0	0.00	0.00
2028	0	0.00	0.00

2029	0	0.00	0.00
2030	0	0.00	0.00
2031	0	0.00	0.00
2032	0	0.00	0.00
2033	0	0.00	0.00
Bin Total	4447	370.58	2001.35

Type=s Cap=12 Mmin=0.0 Mmax=1500.0 Kmin=0.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	81	6.75	43.60
2013	171	14.25	92.05
2014	0	0.00	0.00
2015	102	8.50	54.91
2016	147	12.25	79.14
2017	183	15.25	98.51
2018	141	11.75	75.90
2019	165	13.75	88.83
2020	90	7.50	48.49
2021	96	8.00	51.68
2022	123	10.25	66.38
2023	99	8.25	53.34
2024	126	10.50	67.83
2025	108	9.00	58.28
2026	0	0.00	0.00
2027	0	0.00	0.00
2028	0	0.00	0.00
2029	0	0.00	0.00
2030	0	0.00	0.00
2031	0	0.00	0.00
2032	168	14.00	90.44
2033	0	0.00	0.00
Bin Total	1800	150.00	969.38

Type=b Cap=44 Mmin=0.0 Mmax=400.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	80	1.82	14.20
2011	200	4.55	34.62
2012	1029	23.39	175.31
2013	1196	27.18	206.86
2014	1597	36.30	276.64
2015	1618	36.77	282.33
2016	1663	37.80	286.76
2017	1668	37.91	290.30
2018	2167	49.25	375.31
2019	1607	36.52	281.52
2020	1516	34.45	262.79
2021	2251	51.16	399.88
2022	1901	43.20	334.38
2023	1448	32.91	253.41
2024	1964	44.64	345.98
2025	2394	54.41	413.88
2026	608	13.82	107.23
2027	1211	27.52	217.04
2028	698	15.86	123.98
2029	703	15.98	122.38
2030	1508	34.27	260.79
2031	1358	30.86	234.55
2032	1391	31.61	241.07
2033	321	7.30	55.73

Bin Total 32097 729.48 5596.91

Type=b Cap=44 Mmin=0.0 Mmax=400.0 Kmin=1.00 Kmax=1.37

Year	Num_Assy	Num_Pkgs	MTU
2010	140	3.18	24.69
2011	768	17.45	136.28
2012	1831	41.61	327.96
2013	2324	52.82	409.82
2014	4232	96.18	746.66
2015	3663	83.25	652.21
2016	4266	96.95	758.54
2017	3780	85.91	683.66
2018	4094	93.05	727.47
2019	3523	80.07	619.66
2020	3956	89.91	709.39
2021	3671	83.43	660.23
2022	3495	79.43	630.20
2023	2978	67.68	532.31
2024	4124	93.73	740.35
2025	4497	102.20	826.00
2026	7949	180.66	1358.16
2027	5671	128.89	976.75
2028	5698	129.50	1028.30
2029	5708	129.73	1035.48
2030	4410	100.23	785.32
2031	4207	95.61	747.66
2032	3864	87.82	681.63
2033	3086	70.14	549.15
Bin Total	91935	2089.43	16347.88

Type=b Cap=24 Mmin=0.0 Mmax=520.0 Kmin=0.00 Kmax=1.54

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	0	0.00	0.00
2014	0	0.00	0.00
2015	0	0.00	0.00
2016	145	6.04	24.77
2017	8	0.33	1.37
2018	7	0.29	0.96
2019	80	3.33	13.76
2020	168	7.00	28.50
2021	114	4.75	18.86
2022	192	8.00	32.93
2023	414	17.25	71.72
2024	248	10.33	42.44
2025	8	0.33	1.36
2026	88	3.67	10.62
2027	1	0.04	0.12
2028	5	0.21	0.60
2029	11	0.46	1.33
2030	20	0.83	2.40
2031	0	0.00	0.00
2032	0	0.00	0.00
2033	0	0.00	0.00
Bin Total	1509	62.87	251.72

Summary Table

Type	Cap	Num Assy	PctType	Num Pkg	MTU
p	21	30329	32.05	1447.24	12974.65

p	21	54876	57.99	2613.14	23631.41
p	21	3112	3.29	148.19	1235.75
p	12	4447	4.70	370.58	2001.35
s	12	1800	1.90	150.00	969.38
b	44	32097	25.57	729.48	5596.91
b	44	91935	73.23	2089.43	16347.88
b	24	1509	1.20	62.87	251.72
b	1	0	0.00	0.00	0.00
p	1	67	0.07	67.00	28.72
s	1	0	0.00	0.00	0.00

Totals		220172		7607.94	63037.77
--------	--	--------	--	---------	----------

JUNK FILE LISTING:

Nassy=1 burnup=1.87	kinf=1.529	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.45	kinf=1.536	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.53	kinf=1.535	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=1 burnup=6.38	kinf=1.455	Enrch=3.63	Dschg=1969	WEST VALLEY
Nassy=2 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=3 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=4 burnup=0.34	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=4 burnup=0.34	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.18	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.36	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.23	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=10 burnup=0.34	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.22	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=7 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.77	kinf=1.260	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.86	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.85	kinf=1.257	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.85	kinf=1.257	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.79	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=9 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.34	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.46	kinf=1.270	Enrch=1.97	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.57	kinf=1.267	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.76	kinf=1.261	Enrch=1.94	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.23	kinf=1.279	Enrch=2.00	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.46	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.09	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.27	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.28	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.32	kinf=1.275	Enrch=1.99	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.11	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.42	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.23	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.23	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=7 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.15	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (

Nassy=8 burnup=1.44	kinf=1.298 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=20 burnup=1.85	kinf=1.291 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.291 Enrch=2.04 Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.62	kinf=1.265 Enrch=1.96 Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.64	kinf=1.264 Enrch=1.95 Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=16 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.13	kinf=1.303 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=24 burnup=1.63	kinf=1.295 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.78	kinf=1.260 Enrch=1.94 Dschg=1971	GE MORRIS (
Nassy=2 burnup=9.28	kinf=1.410 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=4.99	kinf=1.478 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=8.24	kinf=1.426 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=1.53	kinf=1.318 Enrch=2.26 Dschg=1971	DRESDEN
Nassy=1 burnup=4.49	kinf=1.250 Enrch=2.11 Dschg=1971	OYSTER CRK
Nassy=1 burnup=3.27	kinf=1.212 Enrch=1.78 Dschg=1972	GE MORRIS (
Nassy=22 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=21 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=11 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=6 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=20 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=9 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=7 burnup=3.13	kinf=1.217 Enrch=1.80 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.13	kinf=1.217 Enrch=1.80 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=27 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=23 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=6 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=10 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=10 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=8 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.77	kinf=1.249 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.28	kinf=1.271 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=2.73	kinf=1.279 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=7 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=16 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=7 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=4 burnup=2.84	kinf=1.277 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=28 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=8 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=6 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=27 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (

Nassy=21 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=11 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=1 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=9 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=3 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.64	kinf=1.172 Enrch=1.66 Dschg=1972	GE MORRIS (
Nassy=1 burnup=8.59	kinf=1.421 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=9.12	kinf=1.413 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=8.73	kinf=1.419 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=2 burnup=4.86	kinf=1.239 Enrch=2.08 Dschg=1972	MILLSTONE
Nassy=4 burnup=6.45	kinf=1.454 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=8.75	kinf=1.418 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=7.35	kinf=1.440 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=3.88	kinf=1.262 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=2 burnup=4.96	kinf=1.246 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=4 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=8.77	kinf=1.418 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=9.10	kinf=1.413 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=3 burnup=9.10	kinf=1.413 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=3.97	kinf=1.271 Enrch=2.19 Dschg=1973	PILGRIM
Nassy=1 burnup=2.63	kinf=1.290 Enrch=2.19 Dschg=1973	PILGRIM
Nassy=1 burnup=8.95	kinf=1.415 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=1 burnup=8.15	kinf=1.428 Enrch=3.63 Dschg=1974	WEST VALLEY
No bin for p 6.826634 1.454020		
Nassy=1 burnup=7.57	kinf=1.476 Enrch=3.92 Dschg=1975	LACROSSE
Nassy=1 burnup=3.71	kinf=1.263 Enrch=2.12 Dschg=1975	DUANE ARNOL
Nassy=1 burnup=3.78	kinf=1.280 Enrch=2.23 Dschg=1975	DRESDEN
Nassy=1 burnup=4.80	kinf=1.467 Enrch=3.54 Dschg=1976	BIG ROCK
Nassy=1 burnup=2.90	kinf=1.273 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=1 burnup=3.30	kinf=1.267 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=2.43	kinf=1.105 Enrch=1.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=3.05	kinf=1.320 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.30	kinf=1.315 Enrch=2.40 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.43	kinf=1.329 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.43	kinf=1.329 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.69	kinf=1.325 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.89	kinf=1.308 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=4.34	kinf=1.301 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=1.31	kinf=1.346 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=12.04	kinf=1.407 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.30	kinf=1.403 Enrch=3.93 Dschg=1977	LACROSSE
Nassy=1 burnup=7.61	kinf=1.476 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.42	kinf=1.401 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=5 burnup=3.65	kinf=1.282 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=5 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=1 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=3.08	kinf=1.291 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=4.00	kinf=1.277 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=22 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=15 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=8 burnup=3.15	kinf=1.024 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=4.11	kinf=1.012 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=19 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=7 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=10 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=12 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=2 burnup=2.96	kinf=1.027 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=6 burnup=2.96	kinf=1.027 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=3 burnup=2.22	kinf=1.038 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=5 burnup=2.22	kinf=1.038 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=14 burnup=2.86	kinf=1.030 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=8 burnup=3.07	kinf=1.027 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=8 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=14 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=12 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA

Nassy=8 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=6 burnup=1.77	kinf=1.044 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=10 burnup=1.77	kinf=1.044 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=4 burnup=3.28	kinf=1.024 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=13 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=11 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=2 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=6 burnup=3.09	kinf=1.026 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=2 burnup=3.09	kinf=1.026 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=8 burnup=2.76	kinf=1.030 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=12 burnup=3.50	kinf=1.020 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=14 burnup=3.98	kinf=1.015 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=6 burnup=3.98	kinf=1.015 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=2 burnup=3.98	kinf=1.015 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=33 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=8 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=36 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=11 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=4 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=15 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=8 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=1 burnup=5.00	kinf=1.488 Enrch=3.71 Dschg=1987	LACROSSE
Nassy=21 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=11 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=20 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=9 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=11 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=31 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=30 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=7 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=6 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=18 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=22 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=12 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=15 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=3 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=30 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=10 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	SUSQUEHANNA
Nassy=30 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=44 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=1 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=17 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=1 burnup=1.97	kinf=1.483 Enrch=3.34 Dschg=1994	RVR BEND
No bin for p 880.856750	1.021892	
No bin for p 880.856812	1.021892	
No bin for p 882.116028	1.021649	
No bin for p 882.116089	1.021649	
No bin for p 882.116028	1.021649	
No bin for p 884.637024	1.021164	
No bin for p 884.637024	1.021164	
No bin for p 884.637024	1.021164	
Nassy=4 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=132 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=32 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=8 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=11 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=44 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=25 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=15 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=132 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=42 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=3 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=6 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=88 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=39 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=5 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=15 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
No bin for p 882.186096	1.020675	

Aug 12 09:59 1997 File Name: finalw2.all BBAA00000-01717-0200-00019 REV 00 ATTACHMENT LXVII - Page 9

No bin for p 887.186035 1.020675

INPUT FILE LISTING:

#bins	Input_file	Output_file	Case_title	Last_delivery	
8	case3.wsm	finalw3.out	FINAL-W3	2045	
Type	Cap	Hmin	Hmax	Knin	Kmax
p	21	0	850	0.00	1.00
p	21	0	850	1.00	1.13
p	21	0	850	1.13	1.45
p	12	850	1500	0.00	1.02
s	12	0	1500	0.00	1.13
b	44	0	400	0.00	1.00
b	44	0	400	1.00	1.37
b	24	0	520	0.00	1.54

OUTPUT FILE LISTING:

FINAL-W3
8 Bins

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Knin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	215	10.24	81.41
2012	312	14.86	127.78
2013	1116	53.14	457.10
2014	1021	48.62	414.69
2015	1522	72.48	640.13
2016	1775	84.52	740.27
2017	1456	69.33	614.62
2018	1586	75.52	691.02
2019	1452	69.14	628.25
2020	1093	52.05	474.04
2021	1199	57.10	524.28
2022	1481	70.52	620.43
2023	1204	57.33	514.54
2024	1185	56.43	510.21
2025	1346	64.10	579.87
2026	1455	69.29	632.62
2027	1548	73.71	682.54
2028	1421	67.67	627.43
2029	1554	74.00	669.49
2030	1158	55.14	512.64
2031	1368	65.14	595.67
2032	1410	67.14	618.67
2033	751	35.76	328.38

Bin Total 28628 1363.24 12286.09

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Knin=1.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	218	10.38	76.71
2011	319	15.19	130.63
2012	1207	57.48	496.79
2013	1723	82.05	716.37
2014	2671	127.19	1153.56
2015	2449	116.62	1041.27
2016	2610	124.29	1114.29
2017	2938	139.90	1264.62
2018	2480	118.10	1068.70
2019	2824	134.48	1211.16
2020	3184	151.62	1379.79
2021	2940	140.00	1251.15
2022	2460	117.14	1070.11

2023	2721	129.57	1182.31
2024	2588	123.24	1115.20
2025	2422	115.33	1058.35
2026	2246	106.95	963.27
2027	2727	129.86	1171.98
2028	2384	113.52	1040.23
2029	2490	118.57	1080.63
2030	2524	120.19	1083.15
2031	2596	123.62	1123.50
2032	2606	124.10	1119.87
2033	1317	62.71	568.78

Bin Total 54644 2602.10 23482.41

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=1.13 Kmax=1.45

Year	Num_Assy	Num_Pkgs	MTU
2010	76	3.62	28.34
2011	264	12.57	68.35
2012	119	5.67	43.44
2013	12	0.57	5.54
2014	124	5.90	55.68
2015	77	3.67	34.90
2016	25	1.19	9.43
2017	65	3.10	21.30
2018	174	8.29	64.42
2019	107	5.10	42.21
2020	214	10.19	78.67
2021	89	4.24	36.68
2022	93	4.43	41.62
2023	394	18.76	173.60
2024	423	20.14	186.26
2025	242	11.52	101.16
2026	116	5.52	49.67
2027	254	12.10	104.65
2028	165	7.86	70.85
2029	155	7.38	61.95
2030	206	9.81	85.32
2031	273	13.00	119.72
2032	158	7.52	68.13
2033	108	5.14	49.19

Bin Total 3933 187.29 1601.07

Type=p Cap=12 Hmin=850.0 Hmax=1500.0 Kmin=0.00 Kmax=1.02

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	26	2.17	11.96
2014	99	8.25	44.38
2015	308	25.67	141.24
2016	228	19.00	104.52
2017	155	12.92	67.34
2018	212	17.67	95.63
2019	264	22.00	117.15
2020	228	19.00	103.03
2021	218	18.17	97.08
2022	409	34.08	183.38
2023	365	30.42	162.09
2024	259	21.58	115.87
2025	371	30.92	165.92
2026	470	39.17	210.85
2027	364	30.33	159.45
2028	335	27.92	150.91

2029	409	34.08	180.27
2030	315	26.25	141.09
2031	359	29.92	159.59
2032	224	18.67	98.07
2033	143	11.92	61.75
Bin Total	5761	480.08	2571.55

Type=s Cap=12 Hmin=0.0 Hmax=1500.0 Kmin=0.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	0	0.00	0.00
2014	0	0.00	0.00
2015	0	0.00	0.00
2016	0	0.00	0.00
2017	0	0.00	0.00
2018	0	0.00	0.00
2019	177	14.75	95.28
2020	90	7.50	48.45
2021	156	13.00	83.98
2022	54	4.50	29.07
2023	126	10.50	67.83
2024	123	10.25	66.21
2025	135	11.25	72.67
2026	132	11.00	71.06
2027	129	10.75	69.44
2028	117	9.75	62.98
2029	150	12.50	80.75
2030	129	10.75	69.44
2031	123	10.25	66.21
2032	99	8.25	53.29
2033	60	5.00	32.30
Bin Total	1800	150.00	968.96

Type=b Cap=44 Hmin=0.0 Hmax=400.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	30	0.68	5.32
2011	280	6.36	47.33
2012	939	21.34	159.91
2013	1745	39.66	299.22
2014	2455	55.80	431.48
2015	1864	42.36	329.79
2016	1208	27.45	214.01
2017	1188	27.00	205.28
2018	2042	46.41	352.55
2019	1831	41.61	317.78
2020	2131	48.43	366.93
2021	2383	54.16	410.70
2022	1962	44.59	339.40
2023	1841	41.84	319.76
2024	1275	28.98	221.47
2025	2347	53.34	408.53
2026	1741	39.57	301.97
2027	1688	38.36	292.45
2028	1462	33.23	254.93
2029	2092	47.55	364.78
2030	1606	36.50	285.51
2031	1790	40.68	311.24
2032	1089	24.75	190.94
2033	942	21.41	161.63

Bin Total 37931 862.07 6592.94

Type=b Cap=44 Hmin=0.0 Hmax=400.0 Kmin=1.00 Kmax=1.37

Year	Num Assy	Num Pkgs	MTU
2010	1142	25.95	188.65
2011	1588	36.09	259.58
2012	2290	52.05	367.93
2013	3116	70.82	513.41
2014	5131	116.61	897.39
2015	4524	102.82	811.80
2016	4492	102.09	797.15
2017	4660	105.91	823.69
2018	4160	94.55	732.19
2019	3170	72.05	558.48
2020	3021	68.66	530.13
2021	3399	77.25	600.17
2022	3578	81.32	630.96
2023	2847	64.70	504.98
2024	4424	100.55	775.60
2025	3386	76.95	602.06
2026	4355	98.98	770.11
2027	2976	67.64	530.32
2028	4236	96.27	758.37
2029	3056	69.45	555.92
2030	4466	101.50	827.02
2031	3534	80.32	651.01
2032	4465	101.48	811.75
2033	3615	82.16	670.84
Bin Total	85631	1946.16	15169.50

Type=b Cap=24 Hmin=0.0 Hmax=520.0 Kmin=0.00 Kmax=1.54

Year	Num Assy	Num Pkgs	MTU
2010	16	0.67	2.19
2011	24	1.00	3.22
2012	48	2.00	5.21
2013	0	0.00	0.00
2014	1	0.04	0.12
2015	13	0.54	1.56
2016	150	6.25	25.36
2017	25	1.04	3.40
2018	0	0.00	0.00
2019	80	3.33	13.76
2020	105	4.38	17.33
2021	3	0.13	0.50
2022	509	21.21	87.84
2023	349	14.54	59.48
2024	63	2.63	10.99
2025	8	0.33	1.36
2026	8	0.33	1.10
2027	0	0.00	0.00
2028	198	8.25	34.50
2029	0	0.00	0.00
2030	0	0.00	0.00
2031	0	0.00	0.00
2032	122	5.08	21.72
2033	205	8.54	36.08
Bin Total	1927	80.29	325.72

Summary Table

Type	Cap	Num Assy	PctType	Num Pkg	MTU
p	21	28628	30.20	1363.24	12286.09

p	21	54644	57.64	2602.10	23482.41
p	21	3933	4.15	187.29	1601.07
p	12	5761	6.08	480.08	2571.55
s	12	1800	1.90	150.00	968.96
b	44	37931	30.23	862.07	6592.94
b	44	85631	68.24	1946.16	15169.50
b	24	1927	1.54	80.29	325.72
b	1	0	0.00	0.00	0.00
p	1	28	0.03	28.00	12.96
s	1	0	0.00	0.00	0.00

Totals	220283	7671.22	63011.21
--------	--------	---------	----------

JUNK FILE LISTING:

Nassy=1 burnup=1.87	kinf=1.529	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.45	kinf=1.536	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.53	kinf=1.535	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=1 burnup=6.38	kinf=1.455	Enrch=3.63	Dschg=1969	WEST VALLEY
Nassy=2 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=3 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=8 burnup=0.34	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.18	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.36	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.23	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=10 burnup=0.34	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.22	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=7 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.77	kinf=1.260	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.86	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.85	kinf=1.257	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.79	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=10 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=9 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.34	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.46	kinf=1.270	Enrch=1.97	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.57	kinf=1.267	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.76	kinf=1.261	Enrch=1.94	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.23	kinf=1.279	Enrch=2.00	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.46	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.09	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.27	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.28	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.32	kinf=1.275	Enrch=1.99	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.11	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.42	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.23	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=11 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.15	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.44	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=20 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.291	Enrch=2.04	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.62	kinf=1.265	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.64	kinf=1.264	Enrch=1.95	Dschg=1971	GE MORRIS (

Nassy=7 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=16 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.13	kinf=1.303 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=24 burnup=1.63	kinf=1.295 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.78	kinf=1.260 Enrch=1.94 Dschg=1971	GE MORRIS (
Nassy=2 burnup=9.28	kinf=1.410 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=4.99	kinf=1.478 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=8.24	kinf=1.426 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=1.53	kinf=1.318 Enrch=2.26 Dschg=1971	DRESDEN
Nassy=1 burnup=4.49	kinf=1.250 Enrch=2.11 Dschg=1971	OYSTER CRK
Nassy=1 burnup=3.27	kinf=1.212 Enrch=1.78 Dschg=1972	GE MORRIS (
Nassy=6 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=16 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=28 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=10 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=23 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=11 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.13	kinf=1.217 Enrch=1.80 Dschg=1972	GE MORRIS (
Nassy=20 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=6 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=34 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=23 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=10 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=11 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=3 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.77	kinf=1.249 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.28	kinf=1.271 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=2.73	kinf=1.279 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=7 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=23 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=9 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=4 burnup=2.84	kinf=1.277 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=26 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=29 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=9 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=35 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=21 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=20 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=4 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.64	kinf=1.172 Enrch=1.66 Dschg=1972	GE MORRIS (
Nassy=1 burnup=8.59	kinf=1.421 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=9.12	kinf=1.413 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=8.73	kinf=1.419 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=2 burnup=4.86	kinf=1.239 Enrch=2.08 Dschg=1972	MILLSTONE
Nassy=4 burnup=6.45	kinf=1.454 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=8.75	kinf=1.418 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=7.35	kinf=1.440 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=3.88	kinf=1.262 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=2 burnup=4.96	kinf=1.246 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=1 burnup=1.05	kinf=1.365 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=0.97	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.32	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE

Nassy=11 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=10 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=2 burnup=4.00	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=4 burnup=4.05	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=4.05	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=4 burnup=1.16	kinf=1.364 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=4.66	kinf=1.311 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=4.66	kinf=1.311 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=4.69	kinf=1.310 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=4 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=8.77	kinf=1.418 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=3 burnup=9.10	kinf=1.413 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=9.10	kinf=1.413 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=8.95	kinf=1.415 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=1 burnup=8.15	kinf=1.428 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=2 burnup=4.95	kinf=1.306 Enrch=2.50 Dschg=1974	VT YANKEE
Nassy=4 burnup=4.95	kinf=1.306 Enrch=2.50 Dschg=1974	VT YANKEE
Nassy=2 burnup=4.95	kinf=1.306 Enrch=2.50 Dschg=1974	VT YANKEE
Nassy=1 burnup=7.57	kinf=1.476 Enrch=3.92 Dschg=1975	LACROSSE
Nassy=1 burnup=3.71	kinf=1.263 Enrch=2.12 Dschg=1975	DUANE ARNOL
Nassy=1 burnup=3.78	kinf=1.280 Enrch=2.23 Dschg=1975	DRESDEN
Nassy=1 burnup=4.80	kinf=1.467 Enrch=3.54 Dschg=1976	BIG ROCK
Nassy=1 burnup=2.90	kinf=1.273 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=1 burnup=3.30	kinf=1.267 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=2.43	kinf=1.105 Enrch=1.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=3.05	kinf=1.320 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.30	kinf=1.315 Enrch=2.40 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=2.43	kinf=1.329 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=2.43	kinf=1.329 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.43	kinf=1.329 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.69	kinf=1.325 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.89	kinf=1.308 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=4.34	kinf=1.301 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=1.31	kinf=1.346 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=12.04	kinf=1.407 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.30	kinf=1.403 Enrch=3.93 Dschg=1977	LACROSSE
Nassy=1 burnup=7.61	kinf=1.476 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.42	kinf=1.401 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=5 burnup=3.65	kinf=1.282 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=1 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=1 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=3.08	kinf=1.291 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=4.00	kinf=1.277 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=19 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=5 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=15 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=3.58	kinf=1.019 Enrch=0.72 Dschg=1980	HATCH
Nassy=2 burnup=3.58	kinf=1.019 Enrch=0.72 Dschg=1980	HATCH
Nassy=16 burnup=1.89	kinf=1.041 Enrch=0.72 Dschg=1980	HATCH
Nassy=24 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	HATCH
Nassy=1 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	HATCH
Nassy=1 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	HATCH
Nassy=2 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	HATCH
Nassy=16 burnup=2.83	kinf=1.028 Enrch=0.72 Dschg=1980	HATCH
Nassy=8 burnup=4.31	kinf=1.009 Enrch=0.72 Dschg=1980	HATCH
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1980	HATCH
Nassy=8 burnup=3.15	kinf=1.024 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=4.11	kinf=1.012 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=26 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=10 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=12 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=2.96	kinf=1.027 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=2.22	kinf=1.038 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=14 burnup=2.86	kinf=1.030 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=3 burnup=3.07	kinf=1.027 Enrch=0.73 Dschg=1986	WASH NUCLEA

Nassy=5 burnup=3.07	kinf=1.027 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=22 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=2 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=16 burnup=1.77	kinf=1.044 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=2 burnup=3.28	kinf=1.024 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=2 burnup=3.28	kinf=1.024 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=2 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=18 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=5 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=1 burnup=5.00	kinf=1.488 Enrch=3.71 Dschg=1987	LACROSSE
Nassy=32 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=16 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=2 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=2 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=8 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=16 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=24 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=36 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=8 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=5 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=6 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=13 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=33 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=2 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=17 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=27 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=2 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=11 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=6 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=132 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=30 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=8 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=15 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=44 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=21 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=8 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=176 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=5 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=3 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=23 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=88 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=22 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=12 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=8 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
No bin for p 887.186035 1.020675		
No bin for p 887.186096 1.020675		
Nassy=8 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=44 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=33 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=7 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
No bin for p 888.449402 1.020434		
Nassy=14 burnup=3.22	kinf=1.457 Enrch=3.30 Dschg=2022	LASALLE
Nassy=88 burnup=3.22	kinf=1.457 Enrch=3.30 Dschg=2022	LASALLE
Nassy=20 burnup=3.22	kinf=1.457 Enrch=3.30 Dschg=2022	LASALLE

INPUT FILE LISTING:

#bins	Input_file_	Output_file_	Case_title_	Last_delivery	
8	case4.wsm	finalw4.out	FINAL-W4	2045	
Type	Cap	Hmin	Hmax	Kmin	Kmax
p	21	0	850	0.00	1.00
p	21	0	850	1.00	1.13
p	21	0	850	1.13	1.45
p	12	850	1500	0.00	1.02
s	12	0	1500	0.00	1.13
b	44	0	400	0.00	1.00
b	44	0	400	1.00	1.37
b	24	0	520	0.00	1.54

OUTPUT FILE LISTING:

FINAL-W4
8 Bins

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	16	0.76	5.63
2011	148	7.05	54.81
2012	336	16.00	138.70
2013	1152	54.86	470.50
2014	975	46.43	398.37
2015	1592	75.81	662.99
2016	1801	85.76	751.94
2017	1406	66.95	597.31
2018	1596	76.00	693.16
2019	1419	67.57	615.35
2020	1095	52.14	475.20
2021	1241	59.10	540.12
2022	1491	71.00	624.28
2023	1240	59.05	534.78
2024	1218	58.00	524.99
2025	1313	62.52	567.55
2026	1421	67.67	616.62
2027	1545	73.57	675.93
2028	1416	67.43	625.33
2029	1559	74.24	671.60
2030	1180	56.19	522.67
2031	1406	66.95	612.15
2032	1348	64.19	591.22
2033	783	37.29	342.87

Bin Total 28697 1366.52 12314.09

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=1.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	246	11.71	85.59
2011	408	19.43	162.62
2012	1107	52.71	465.83
2013	1673	79.67	696.90
2014	2695	128.33	1164.93
2015	2437	116.05	1031.83
2016	2638	125.62	1125.24
2017	2937	139.86	1264.36
2018	2452	116.76	1057.08
2019	2860	136.19	1226.38
2020	3165	150.71	1370.36
2021	2915	138.81	1243.11
2022	2471	117.67	1073.90

2023	2674	127.33	1164.53
2024	2578	122.76	1111.49
2025	2441	116.24	1064.05
2026	2276	108.38	977.32
2027	2694	128.29	1159.32
2028	2400	114.29	1045.28
2029	2468	117.52	1070.16
2030	2555	121.67	1097.93
2031	2571	122.43	1115.85
2032	2621	124.81	1122.41
2033	1274	60.67	552.02
Bin Total	54556	2597.91	23448.49

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=1.13 Kmax=1.45

Year	Num_Assy	Num_Pkgs	NTU
2010	95	4.52	29.47
2011	137	6.52	46.22
2012	216	10.29	60.23
2013	17	0.81	7.60
2014	143	6.81	63.93
2015	61	2.90	27.52
2016	25	1.19	9.43
2017	65	3.10	21.30
2018	174	8.29	64.42
2019	107	5.10	42.21
2020	222	10.57	81.56
2021	72	3.43	29.58
2022	78	3.71	35.19
2023	405	19.29	178.18
2024	466	22.19	206.18
2025	196	9.33	80.08
2026	119	5.67	50.83
2027	263	12.52	108.87
2028	169	8.05	72.29
2029	155	7.38	61.95
2030	200	9.52	83.17
2031	278	13.24	121.93
2032	154	7.33	66.36
2033	113	5.38	51.31
Bin Total	3930	187.14	1599.81

Type=p Cap=12 Hmin=850.0 Hmax=1500.0 Kmin=0.00 Kmax=1.02

Year	Num_Assy	Num_Pkgs	NTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	26	2.17	11.96
2014	99	8.25	44.38
2015	308	25.67	141.23
2016	228	19.00	104.52
2017	155	12.92	67.34
2018	212	17.67	95.63
2019	264	22.00	117.15
2020	228	19.00	103.03
2021	218	18.17	97.08
2022	409	34.08	183.38
2023	347	28.92	154.46
2024	280	23.33	124.78
2025	371	30.92	165.92
2026	447	37.25	201.09
2027	373	31.08	163.28
2028	335	27.92	150.91

2029	417	34.75	183.98
2030	307	25.58	137.37
2031	359	29.92	159.59
2032	224	18.67	98.07
2033	143	11.92	61.75
Bin Total	5750	479.17	2566.89

Type=s Cap=12 Hmin=0.0 Hmax=1500.0 Kmin=0.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	0	0.00	0.00
2014	0	0.00	0.00
2015	0	0.00	0.00
2016	0	0.00	0.00
2017	0	0.00	0.00
2018	0	0.00	0.00
2019	177	14.75	95.28
2020	66	5.50	35.53
2021	180	15.00	96.90
2022	54	4.50	29.07
2023	126	10.50	67.83
2024	123	10.25	66.21
2025	135	11.25	72.67
2026	153	12.75	82.36
2027	117	9.75	62.98
2028	117	9.75	62.98
2029	153	12.75	82.36
2030	108	9.00	58.14
2031	132	11.00	71.06
2032	99	8.25	53.29
2033	60	5.00	32.30
Bin Total	1800	150.00	968.96

Type=b Cap=44 Hmin=0.0 Hmax=400.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	30	0.68	5.32
2011	180	4.09	30.50
2012	1039	23.61	176.74
2013	1732	39.36	296.54
2014	2468	56.09	434.16
2015	1864	42.36	329.80
2016	1208	27.45	214.01
2017	1195	27.16	206.46
2018	2055	46.70	354.78
2019	1842	41.86	319.64
2020	2085	47.39	359.10
2021	2422	55.05	417.38
2022	1962	44.59	339.33
2023	1832	41.64	318.25
2024	1260	28.64	218.93
2025	2347	53.34	408.54
2026	1741	39.57	301.97
2027	1688	38.36	292.45
2028	1462	33.23	254.93
2029	2092	47.55	364.78
2030	1606	36.50	285.51
2031	1790	40.68	311.23
2032	1089	24.75	190.94
2033	942	21.41	161.63

Bin Total 37931 862.07 6592.93

Type=b Cap=44 Nmin=0.0 Hmax=400.0 Kmin=1.00 Kmax=1.37

Year	Num_Assy	Num_Pkgs	MTU
2010	1070	24.32	174.18
2011	1801	40.93	295.22
2012	2193	49.84	354.41
2013	3173	72.11	515.32
2014	5074	115.32	896.15
2015	4480	101.82	803.28
2016	4360	99.09	774.26
2017	4741	107.75	838.01
2018	4191	95.25	737.81
2019	3159	71.80	555.46
2020	3199	72.70	561.80
2021	3228	73.36	570.58
2022	3578	81.32	630.96
2023	2900	65.91	514.29
2024	4198	95.41	737.59
2025	3562	80.95	632.25
2026	4376	99.45	772.65
2027	2976	67.64	530.41
2028	4280	97.27	766.75
2029	3056	69.45	536.04
2030	4378	99.50	810.21
2031	3490	79.32	642.47
2032	4553	103.48	828.64
2033	3635	82.61	674.42

Bin Total 85651 1946.61 15173.16

Type=b Cap=24 Nmin=0.0 Hmax=520.0 Kmin=0.00 Kmax=1.54

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	87	3.63	10.51
2012	1	0.04	0.11
2013	0	0.00	0.00
2014	1	0.04	0.12
2015	13	0.54	1.56
2016	150	6.25	25.36
2017	25	1.04	3.40
2018	0	0.00	0.00
2019	80	3.33	13.76
2020	105	4.38	17.33
2021	3	0.13	0.50
2022	509	21.21	87.84
2023	349	14.54	59.48
2024	63	2.63	10.99
2025	8	0.33	1.36
2026	8	0.33	1.10
2027	0	0.00	0.00
2028	198	8.25	34.50
2029	0	0.00	0.00
2030	0	0.00	0.00
2031	0	0.00	0.00
2032	122	5.08	21.72
2033	205	8.54	36.08

Bin Total 1927 80.29 325.72

Summary Table

Type	Cap	Num_Assy	PctType	Num_Pkg	MTU
p	21	28697	30.28	1366.52	12314.09

P	21	54556	57.57	2597.91	23448.49
P	21	3930	4.15	187.14	1599.81
P	12	5750	6.07	479.17	2566.89
S	12	1800	1.90	150.00	968.96
b	44	37931	30.22	862.07	6592.93
b	44	85651	68.24	1946.61	15173.16
b	24	1927	1.54	80.29	325.72
b	1	0	0.00	0.00	0.00
P	1	28	0.03	28.00	12.96
S	1	0	0.00	0.00	0.00

Totals 220270 7669.71 63003.01

JUNK FILE LISTING:

Nassy=1 burnup=1.87	kinf=1.529	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.45	kinf=1.536	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.53	kinf=1.535	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=1 burnup=6.38	kinf=1.455	Enrch=3.63	Dschg=1969	WEST VALLEY
Nassy=2 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=3 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=8 burnup=0.34	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.18	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.36	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.23	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=10 burnup=0.34	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.22	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=7 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.77	kinf=1.260	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.86	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.85	kinf=1.257	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.85	kinf=1.257	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.79	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=19 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.34	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.46	kinf=1.270	Enrch=1.97	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.57	kinf=1.267	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.76	kinf=1.261	Enrch=1.94	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.23	kinf=1.279	Enrch=2.00	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.46	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.09	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.27	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.28	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.32	kinf=1.275	Enrch=1.99	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.11	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.42	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.23	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=7 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.15	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.44	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=20 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.291	Enrch=2.04	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.62	kinf=1.265	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.64	kinf=1.264	Enrch=1.95	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.83	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (

Nassy=19 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.13	kinf=1.303 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=21 burnup=1.63	kinf=1.295 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.63	kinf=1.295 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.78	kinf=1.260 Enrch=1.94 Dschg=1971	GE MORRIS (
Nassy=2 burnup=9.28	kinf=1.410 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=4.99	kinf=1.478 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=8.24	kinf=1.426 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=1.53	kinf=1.318 Enrch=2.26 Dschg=1971	DRESDEN
Nassy=1 burnup=4.49	kinf=1.250 Enrch=2.11 Dschg=1971	OYSTER CRK
Nassy=1 burnup=3.27	kinf=1.212 Enrch=1.78 Dschg=1972	GE MORRIS (
Nassy=22 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=25 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=19 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.13	kinf=1.217 Enrch=1.80 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=21 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=19 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=38 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=6 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.77	kinf=1.249 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.28	kinf=1.271 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=2.73	kinf=1.279 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=7 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=16 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=17 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=6 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=4 burnup=2.84	kinf=1.277 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=11 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=44 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=21 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=20 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=18 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=21 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=19 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.64	kinf=1.172 Enrch=1.66 Dschg=1972	GE MORRIS (
Nassy=1 burnup=8.59	kinf=1.421 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=9.12	kinf=1.413 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=8.73	kinf=1.419 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=2 burnup=4.86	kinf=1.239 Enrch=2.08 Dschg=1972	MILLSTONE
Nassy=4 burnup=6.45	kinf=1.454 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=8.75	kinf=1.418 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=7.35	kinf=1.440 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=3.88	kinf=1.262 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=1 burnup=4.96	kinf=1.246 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=1 burnup=4.96	kinf=1.246 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=1 burnup=1.05	kinf=1.365 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=0.97	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.32	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=11 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE

Nassy=10 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=2 burnup=4.00	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.05	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=4 burnup=1.16	kinf=1.364 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=4.66	kinf=1.311 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=4.66	kinf=1.311 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=4.69	kinf=1.310 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=4 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=8.77	kinf=1.418 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=3 burnup=9.10	kinf=1.413 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=9.10	kinf=1.413 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=8.95	kinf=1.415 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=1 burnup=8.15	kinf=1.428 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=2 burnup=4.95	kinf=1.306 Enrch=2.50 Dschg=1974	VT YANKEE
Nassy=6 burnup=4.95	kinf=1.306 Enrch=2.50 Dschg=1974	VT YANKEE
Nassy=1 burnup=7.57	kinf=1.476 Enrch=3.92 Dschg=1975	LACROSSE
Nassy=1 burnup=3.71	kinf=1.263 Enrch=2.12 Dschg=1975	QUANE ARNOL
Nassy=1 burnup=3.78	kinf=1.280 Enrch=2.23 Dschg=1975	DRESDEN
Nassy=1 burnup=4.80	kinf=1.467 Enrch=3.54 Dschg=1976	BIG ROCK
Nassy=1 burnup=2.90	kinf=1.273 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=1 burnup=3.30	kinf=1.267 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=2.43	kinf=1.105 Enrch=1.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=3.05	kinf=1.320 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.30	kinf=1.315 Enrch=2.40 Dschg=1976	HUMBOLDT BA
Nassy=4 burnup=2.43	kinf=1.329 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.69	kinf=1.325 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.89	kinf=1.308 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=4.34	kinf=1.301 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=1.31	kinf=1.346 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=12.04	kinf=1.407 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.30	kinf=1.403 Enrch=3.93 Dschg=1977	LACROSSE
Nassy=1 burnup=7.61	kinf=1.476 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.42	kinf=1.401 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=5 burnup=3.65	kinf=1.282 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=5 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=1 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=3.08	kinf=1.291 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=4.00	kinf=1.277 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=8 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=16 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=15 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=3.58	kinf=1.019 Enrch=0.72 Dschg=1980	NATCH
Nassy=16 burnup=1.89	kinf=1.041 Enrch=0.72 Dschg=1980	NATCH
Nassy=15 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	NATCH
Nassy=9 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	NATCH
Nassy=1 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	NATCH
Nassy=3 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	NATCH
Nassy=16 burnup=2.83	kinf=1.028 Enrch=0.72 Dschg=1980	NATCH
Nassy=8 burnup=4.31	kinf=1.009 Enrch=0.72 Dschg=1980	NATCH
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1980	NATCH
Nassy=7 burnup=3.15	kinf=1.024 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=1 burnup=3.15	kinf=1.024 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=4.11	kinf=1.012 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=35 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=1 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=12 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=2.96	kinf=1.027 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=2.22	kinf=1.038 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=14 burnup=2.86	kinf=1.030 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=8 burnup=3.07	kinf=1.027 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=4 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=18 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=2 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=1 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=5 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA

Nassy=6 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=16 burnup=1.77	kinf=1.044 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=4 burnup=3.28	kinf=1.024 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=2 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=18 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=5 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=1 burnup=5.00	kinf=1.488 Enrch=3.71 Dschg=1987	LACROSSE
Nassy=37 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=11 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=8 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=16 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=33 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERN
Nassy=27 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERN
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERN
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERN
Nassy=5 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERN
Nassy=19 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERN
Nassy=20 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=13 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=19 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=12 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=17 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=11 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=15 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=132 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=21 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=8 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=24 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=44 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=12 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=17 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=132 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=40 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=3 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=32 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=88 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=13 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=20 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
No bin for p 887.186035 1.020675		
No bin for p 887.186096 1.020675		
Nassy=13 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=44 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=28 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=7 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
No bin for p 888.449402 1.020434		
No bin for p 888.449463 1.020434		
Nassy=30 burnup=3.22	kinf=1.457 Enrch=3.30 Dschg=2022	LASALLE
Nassy=88 burnup=3.22	kinf=1.457 Enrch=3.30 Dschg=2022	LASALLE
Nassy=4 burnup=3.22	kinf=1.457 Enrch=3.30 Dschg=2022	LASALLE

INPUT FILE LISTING:

#bins	Input file	Output file	Case title	Last delivery
8	case5.wsm	finalw5.out	FINAL-W5	2045
Type	Cap	Mmin	Mmax	Kmin
p	21	0	850	0.00
p	21	0	850	1.00
p	21	0	850	1.13
p	12	850	1500	0.00
s	12	0	1500	0.00
b	44	0	400	0.00
b	44	0	400	1.00
b	24	0	520	0.00
				1.54

OUTPUT FILE LISTING:

FINAL-W5
8 Bins

Type=p Cap=21 Mmin=0.0 Mmax=850.0 Kmin=0.00 Kmax=1.00

Year	Num Assy	Num Pkgs	MTU
2010	106	5.05	47.65
2011	179	8.52	78.05
2012	494	23.52	219.76
2013	883	42.05	381.26
2014	1683	80.14	731.01
2015	1528	72.76	660.99
2016	1566	74.57	683.89
2017	1739	82.81	755.05
2018	1933	92.05	830.95
2019	1798	85.62	786.01
2020	1829	87.10	797.70
2021	1664	79.24	724.38
2022	1792	85.33	781.79
2023	1742	82.95	753.03
2024	1589	75.67	690.87
2025	1674	79.71	718.87
2026	341	16.24	140.83
2027	1153	54.90	488.04
2028	1346	64.10	570.83
2029	1667	79.38	684.12
2030	1491	71.00	624.82
2031	2057	97.95	874.72
2032	1952	92.95	822.96
2033	1390	66.19	599.87
Bin Total	33596	1599.81	14447.44

Type=p Cap=21 Mmin=0.0 Mmax=850.0 Kmin=1.00 Kmax=1.13

Year	Num Assy	Num Pkgs	MTU
2010	312	14.86	138.96
2011	583	27.76	251.90
2012	896	42.67	396.07
2013	1871	89.10	815.23
2014	2791	132.90	1201.13
2015	2760	131.43	1191.97
2016	2801	133.38	1207.43
2017	2683	127.76	1159.88
2018	2298	109.43	994.06
2019	2485	118.33	1075.38
2020	2536	120.76	1096.59
2021	2459	117.10	1063.79
2022	2511	119.57	1087.51

2023	2556	121.71	1103.37
2024	2337	111.29	1012.08
2025	2163	103.00	931.59
2026	3009	143.29	1260.20
2027	2862	136.29	1207.19
2028	2851	135.76	1222.43
2029	2751	131.00	1208.95
2030	2942	140.10	1257.65
2031	2817	134.14	1201.04
2032	2709	129.00	1154.02
2033	1669	79.48	722.89

Bin Total 55652 2650.10 23961.30

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=1.13 Kmax=1.45

Year	Num_Assy	Num_Pkgs	MTU
2010	2	0.10	0.92
2011	99	4.71	45.85
2012	0	0.00	0.00
2013	178	8.48	73.31
2014	83	3.95	31.31
2015	15	0.71	6.81
2016	49	2.33	18.35
2017	19	0.90	6.91
2018	67	3.19	26.86
2019	81	3.86	33.85
2020	92	4.38	38.36
2021	63	3.00	27.83
2022	83	3.95	34.91
2023	211	10.05	93.61
2024	244	11.62	103.15
2025	112	5.33	46.75
2026	569	27.10	186.71
2027	143	6.81	52.58
2028	66	3.14	27.93
2029	97	4.62	36.96
2030	61	2.90	23.64
2031	19	0.90	8.38
2032	148	7.05	46.44
2033	105	5.00	43.44

Bin Total 2606 124.10 1014.87

Type=p Cap=12 Hmin=850.0 Hmax=1500.0 Kmin=0.00 Kmax=1.02

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	29	2.42	13.59
2013	69	5.75	32.11
2014	57	4.75	26.43
2015	89	7.42	46.88
2016	27	2.25	12.64
2017	89	7.42	47.09
2018	76	6.33	35.78
2019	85	7.08	44.28
2020	154	12.83	65.77
2021	86	7.17	38.75
2022	45	3.75	20.99
2023	93	7.75	41.76
2024	147	12.25	66.76
2025	150	12.50	67.27
2026	0	0.00	0.00
2027	0	0.00	0.00
2028	0	0.00	0.00

2029	0	0.00	0.00
2030	0	0.00	0.00
2031	0	0.00	0.00
2032	0	0.00	0.00
2033	0	0.00	0.00
Bin Total	1196	99.67	560.10

Type=s Cap=12 Nmin=0.0 Nmax=1500.0 Kmin=0.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	125	10.42	67.55
2013	149	12.42	80.62
2014	0	0.00	0.00
2015	126	10.50	68.14
2016	126	10.50	67.86
2017	210	17.50	113.04
2018	147	12.25	79.14
2019	105	8.75	56.52
2020	105	8.75	56.52
2021	126	10.50	67.83
2022	105	8.75	56.52
2023	126	10.50	67.83
2024	96	8.00	51.68
2025	132	11.00	71.06
2026	0	0.00	0.00
2027	0	0.00	0.00
2028	0	0.00	0.00
2029	0	0.00	0.00
2030	0	0.00	0.00
2031	0	0.00	0.00
2032	79	6.58	42.87
2033	0	0.00	0.00
Bin Total	1757	146.42	947.18

Type=b Cap=44 Nmin=0.0 Nmax=400.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	4	0.09	0.71
2011	199	4.52	34.65
2012	347	7.89	60.34
2013	1033	23.48	182.51
2014	1321	30.02	233.41
2015	1873	42.57	328.63
2016	1869	42.48	324.92
2017	1451	32.98	252.00
2018	2412	54.82	416.97
2019	1745	39.66	301.95
2020	1619	36.80	278.67
2021	1890	42.95	328.74
2022	2156	49.00	371.84
2023	2057	46.75	354.86
2024	2548	57.91	445.42
2025	2481	56.39	427.18
2026	208	4.73	38.40
2027	425	9.66	81.77
2028	199	4.52	36.95
2029	227	5.16	41.34
2030	270	6.14	48.47
2031	272	6.18	47.32
2032	1452	33.00	257.98
2033	435	9.89	75.79

Bin Total 28493 647.57 4970.84

Type=b Cap=44 Mmin=0.0 Mmax=400.0 Kmin=1.00 Kmax=1.37

Year	Num Assy	Num Pkgs	MTU
2010	612	13.91	107.40
2011	1033	23.48	187.38
2012	2425	55.11	433.53
2013	2487	56.52	448.21
2014	4375	99.43	771.68
2015	3974	90.32	686.28
2016	3919	89.07	695.21
2017	3741	85.02	672.33
2018	3479	79.07	607.98
2019	3951	89.80	700.64
2020	3685	83.75	666.40
2021	4080	92.73	734.22
2022	3275	74.43	580.56
2023	3350	76.14	603.19
2024	3224	73.27	568.06
2025	4062	92.32	716.63
2026	7534	171.23	1365.75
2027	6593	149.84	1174.16
2028	6200	140.91	1137.93
2029	5733	130.30	1037.50
2030	5928	134.73	1057.09
2031	4721	107.30	848.51
2032	3671	83.43	649.43
2033	2587	58.80	460.15

Bin Total 94639 2150.89 16910.22

Type=b Cap=24 Mmin=0.0 Mmax=520.0 Kmin=0.00 Kmax=1.54

Year	Num Assy	Num Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	0	0.00	0.00
2014	1	0.04	0.18
2015	0	0.00	0.00
2016	0	0.00	0.00
2017	0	0.00	0.00
2018	0	0.00	0.00
2019	0	0.00	0.00
2020	0	0.00	0.00
2021	102	4.25	16.83
2022	341	14.21	58.44
2023	5	0.21	0.85
2024	256	10.67	43.61
2025	196	8.17	32.98
2026	23	0.96	2.76
2027	18	0.75	2.27
2028	2	0.08	0.26
2029	1	0.04	0.12
2030	48	2.00	5.21
2031	0	0.00	0.00
2032	0	0.00	0.00
2033	0	0.00	0.00

Bin Total 993 41.38 163.50

Summary Table

Type	Cap	Num Assy	PctType	Num Pkg	MTU
p	21	33596	35.42	1599.81	14447.44

p	21	55652	58.67	2650.10	23961.30
p	21	2606	2.75	124.10	1014.87
p	12	1196	1.26	99.67	560.10
s	12	1757	1.85	146.42	947.18
b	44	28493	22.96	647.57	4970.84
b	44	94639	76.24	2150.89	16910.22
b	24	993	0.80	41.38	163.50
b	1	0	0.00	0.00	0.00
p	1	8	0.01	8.00	1.40
s	1	43	0.05	43.00	23.23

Totals		218983		7459.91	63000.08
--------	--	--------	--	---------	----------

JUNK FILE LISTING:

Nassy=1 burnup=1.87	kinf=1.529	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.45	kinf=1.536	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.53	kinf=1.535	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=1 burnup=6.38	kinf=1.455	Enrch=3.63	Dschg=1969	WEST VALLEY
Nassy=2 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=3 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=8 burnup=0.34	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.18	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.36	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.23	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=6 burnup=0.34	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=4 burnup=0.34	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.22	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=7 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.77	kinf=1.260	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.86	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.85	kinf=1.257	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.79	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=11 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.34	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.46	kinf=1.270	Enrch=1.97	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.57	kinf=1.267	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.76	kinf=1.261	Enrch=1.94	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.23	kinf=1.279	Enrch=2.00	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.46	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.09	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.27	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.28	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.32	kinf=1.275	Enrch=1.99	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.11	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.42	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.23	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=11 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.15	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.15	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.44	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=15 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.291	Enrch=2.04	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.62	kinf=1.265	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.64	kinf=1.264	Enrch=1.95	Dschg=1971	GE MORRIS (

Nassy=10 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=15 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.13	kinf=1.303 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=24 burnup=1.63	kinf=1.295 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.78	kinf=1.260 Enrch=1.94 Dschg=1971	GE MORRIS (
Nassy=2 burnup=9.28	kinf=1.410 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=4.99	kinf=1.478 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=8.24	kinf=1.426 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=1.53	kinf=1.318 Enrch=2.26 Dschg=1971	DRESDEN
Nassy=1 burnup=4.49	kinf=1.250 Enrch=2.11 Dschg=1971	OYSTER CRK
Nassy=1 burnup=3.27	kinf=1.212 Enrch=1.78 Dschg=1972	GE MORRIS (
Nassy=44 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=16 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=28 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=8 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.13	kinf=1.217 Enrch=1.80 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=11 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=16 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=28 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=6 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=33 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=9 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.77	kinf=1.249 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.28	kinf=1.271 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=2.73	kinf=1.279 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=18 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=22 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=1 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=7 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=4 burnup=2.84	kinf=1.277 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=20 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=22 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=6 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=15 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=15 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=14 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=30 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=3 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=7 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.64	kinf=1.172 Enrch=1.66 Dschg=1972	GE MORRIS (
Nassy=1 burnup=8.59	kinf=1.421 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=9.12	kinf=1.413 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=8.73	kinf=1.419 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=2 burnup=4.86	kinf=1.239 Enrch=2.08 Dschg=1972	MILLSTONE
Nassy=4 burnup=6.45	kinf=1.454 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=8.75	kinf=1.418 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=7.35	kinf=1.440 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=3.88	kinf=1.262 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=2 burnup=4.96	kinf=1.246 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=1 burnup=1.05	kinf=1.365 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=0.97	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.32	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=7 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=7 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=7 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE

Nassy=2 burnup=4.00	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.05	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=4 burnup=1.16	kinf=1.364 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=6 burnup=4.66	kinf=1.311 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=4.69	kinf=1.310 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=2 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=2 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=8.77	kinf=1.418 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=4 burnup=9.10	kinf=1.413 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=3.97	kinf=1.271 Enrch=2.19 Dschg=1973	PILGRIM
Nassy=1 burnup=2.63	kinf=1.290 Enrch=2.19 Dschg=1973	PILGRIM
Nassy=1 burnup=8.95	kinf=1.415 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=1 burnup=8.15	kinf=1.428 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=5 burnup=4.95	kinf=1.306 Enrch=2.50 Dschg=1974	VT YANKEE
Nassy=3 burnup=4.95	kinf=1.306 Enrch=2.50 Dschg=1974	VT YANKEE
No bin for p 6.821762 1.454020		
No bin for p 6.828259 1.454020		
Nassy=1 burnup=7.57	kinf=1.476 Enrch=3.92 Dschg=1975	LACROSSE
Nassy=1 burnup=3.71	kinf=1.263 Enrch=2.12 Dschg=1975	DUANE ARNOL
Nassy=1 burnup=3.78	kinf=1.280 Enrch=2.23 Dschg=1975	DRESDEN
Nassy=1 burnup=2.90	kinf=1.273 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=1 burnup=3.30	kinf=1.267 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=2.43	kinf=1.105 Enrch=1.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=3.05	kinf=1.320 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.30	kinf=1.315 Enrch=2.40 Dschg=1976	HUMBOLDT BA
Nassy=4 burnup=2.43	kinf=1.329 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.69	kinf=1.325 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.89	kinf=1.308 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=4.34	kinf=1.301 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=1.31	kinf=1.346 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=12.04	kinf=1.407 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.30	kinf=1.403 Enrch=3.93 Dschg=1977	LACROSSE
Nassy=1 burnup=7.61	kinf=1.476 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.42	kinf=1.401 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=5 burnup=3.65	kinf=1.282 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=3.08	kinf=1.291 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=4.00	kinf=1.277 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=21 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=5 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=1 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=22 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=3.58	kinf=1.019 Enrch=0.72 Dschg=1980	HATCH
Nassy=16 burnup=1.89	kinf=1.041 Enrch=0.72 Dschg=1980	HATCH
Nassy=3 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	HATCH
Nassy=5 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	HATCH
Nassy=20 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	HATCH
Nassy=16 burnup=2.83	kinf=1.028 Enrch=0.72 Dschg=1980	HATCH
Nassy=3 burnup=4.31	kinf=1.009 Enrch=0.72 Dschg=1980	HATCH
Nassy=5 burnup=4.31	kinf=1.009 Enrch=0.72 Dschg=1980	HATCH
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1980	HATCH
Nassy=8 burnup=3.15	kinf=1.024 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=4.11	kinf=1.012 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=16 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=29 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=3 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=2.96	kinf=1.027 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=4 burnup=3.14	kinf=1.024 Enrch=0.72 Dschg=1985	LASALLE
Nassy=8 burnup=4.86	kinf=1.003 Enrch=0.72 Dschg=1985	LASALLE
Nassy=6 burnup=2.92	kinf=1.027 Enrch=0.72 Dschg=1985	LASALLE
Nassy=2 burnup=2.92	kinf=1.027 Enrch=0.72 Dschg=1985	LASALLE
Nassy=8 burnup=3.41	kinf=1.021 Enrch=0.72 Dschg=1985	LASALLE
Nassy=18 burnup=4.08	kinf=1.012 Enrch=0.72 Dschg=1985	LASALLE
Nassy=30 burnup=3.91	kinf=1.015 Enrch=0.72 Dschg=1985	LASALLE
Nassy=8 burnup=2.64	kinf=1.031 Enrch=0.72 Dschg=1985	LASALLE
Nassy=8 burnup=2.22	kinf=1.038 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=14 burnup=2.86	kinf=1.030 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=8 burnup=3.07	kinf=1.027 Enrch=0.73 Dschg=1986	WASH NUCLEA

Nassy=1 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=30 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=11 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=16 burnup=1.77	kinf=1.044 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=1 burnup=3.28	kinf=1.024 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=3 burnup=3.28	kinf=1.024 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=26 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=8 burnup=3.09	kinf=1.026 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=2 burnup=2.76	kinf=1.030 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=6 burnup=2.76	kinf=1.030 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=12 burnup=3.50	kinf=1.020 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=7 burnup=3.98	kinf=1.015 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=15 burnup=3.98	kinf=1.015 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=2 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=4 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=44 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=13 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=28 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=1 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=1 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=6 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=9 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=7 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=1 burnup=5.00	kinf=1.488 Enrch=3.71 Dschg=1987	LACROSSE
Nassy=18 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=16 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=28 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=14 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=31 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=1 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=44 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=32 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=8 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERN
Nassy=25 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERN
Nassy=19 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERN
Nassy=25 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERN
Nassy=15 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERN
No bin for s 126.326767 1.163861		
No bin for s 97.802551 1.251277		
No bin for s 129.793442 1.213784		
Nassy=17 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=11 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=33 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=11 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=20 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
No bin for s 128.959671 1.154404		
No bin for s 128.959671 1.154404		
No bin for s 128.959671 1.154404		
No bin for s 128.959671 1.154404		
No bin for s 128.959671 1.154404		
No bin for s 128.959671 1.154404		
No bin for s 128.959671 1.154404		
No bin for s 157.628998 1.205290		
No bin for s 154.495773 1.206209		
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	SUSQUEHANNA
Nassy=36 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=44 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=12 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=1 burnup=1.97	kinf=1.483 Enrch=3.34 Dschg=1994	RVR BEND
age=9, mass= 7.396000		
age=9, mass= 0.172000		
Nassy=29 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=8 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=36 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=8 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=36 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=8 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=36 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=8 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=7 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P

Nassy=24 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
Nassy=16 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
Nassy=28 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
Nassy=12 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
Nassy=176 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
Nassy=13 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
Nassy=3 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM

INPUT FILE LISTING:

#bins	Input_file	Output_file	Case_title	Last_delivery	
8	case6.wsm	finalw6.out	FINAL-W6	2045	
Type	Cap	Nmin	Nmax	Kmin	Kmax
p	21	0	850	0.00	1.00
p	21	0	850	1.00	1.13
p	21	0	850	1.13	1.45
p	12	850	1500	0.00	1.02
s	12	0	1500	0.00	1.13
b	44	0	400	0.00	1.00
b	44	0	400	1.00	1.37
b	24	0	520	0.00	1.54

OUTPUT FILE LISTING:

FINAL-W6
8 Bins

Type=p Cap=21 Nmin=0.0 Nmax=850.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	123	5.86	55.63
2011	156	7.43	68.37
2012	483	23.00	208.57
2013	851	40.52	367.52
2014	1633	77.76	698.44
2015	1624	77.33	703.07
2016	1595	75.95	689.80
2017	1737	82.71	750.28
2018	1972	93.90	854.79
2019	1988	94.67	865.62
2020	1780	84.76	778.95
2021	1797	85.57	787.95
2022	1851	88.14	810.17
2023	1859	88.52	811.09
2024	1176	56.00	508.07
2025	1608	76.57	699.66
2026	353	16.81	145.69
2027	1131	53.86	479.84
2028	1469	69.95	621.99
2029	1484	70.67	616.22
2030	1581	75.29	654.79
2031	2074	98.76	880.30
2032	1871	89.10	799.53
2033	1355	64.52	577.30

Bin Total 33551 1597.67 14433.65

Type=p Cap=21 Nmin=0.0 Nmax=850.0 Kmin=1.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	421	20.05	188.59
2011	588	28.00	256.84
2012	1024	48.76	450.61
2013	1764	84.00	765.54
2014	2898	138.00	1247.94
2015	2909	138.52	1251.29
2016	2768	131.81	1195.80
2017	2582	122.95	1118.96
2018	2201	104.81	957.99
2019	2551	121.48	1096.30
2020	2490	118.57	1077.53
2021	2327	110.81	998.35
2022	2470	117.62	1066.23

2023	2548	121.33	1100.85
2024	2461	117.19	1065.89
2025	1813	86.33	792.30
2026	2850	135.71	1194.21
2027	2895	137.86	1222.88
2028	2905	138.33	1242.77
2029	2724	129.71	1204.50
2030	2904	138.29	1227.28
2031	2708	128.95	1154.45
2032	2774	132.10	1182.20
2033	1801	85.76	781.27
Bin Total	55376	2636.95	23840.57

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=1.13 Kmax=1.45

Year	Num_Assy	Num_Pkgs	MTU
2010	2	0.10	0.88
2011	96	4.57	44.46
2012	0	0.00	0.00
2013	175	8.33	71.97
2014	17	0.81	7.67
2015	46	2.19	21.34
2016	4	0.19	1.79
2017	49	2.33	19.90
2018	5	0.24	1.98
2019	19	0.90	7.76
2020	194	9.24	76.92
2021	8	0.38	2.89
2022	93	4.43	41.12
2023	351	16.71	149.12
2024	432	20.57	173.33
2025	202	9.62	83.78
2026	569	27.10	186.71
2027	153	7.29	56.88
2028	78	3.71	32.87
2029	76	3.62	28.60
2030	93	4.43	36.92
2031	48	2.29	20.61
2032	101	4.81	27.49
2033	99	4.71	40.93
Bin Total	2910	138.57	1135.93

Type=p Cap=12 Hmin=850.0 Hmax=1500.0 Kmin=0.00 Kmax=1.02

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	29	2.42	13.59
2013	69	5.75	32.11
2014	57	4.75	26.43
2015	20	1.67	9.37
2016	1	0.08	0.46
2017	66	5.50	30.68
2018	43	3.58	20.08
2019	53	4.42	23.37
2020	135	11.25	62.80
2021	65	5.42	28.58
2022	44	3.67	20.52
2023	88	7.33	39.40
2024	140	11.67	64.27
2025	161	13.42	72.88
2026	0	0.00	0.00
2027	0	0.00	0.00
2028	0	0.00	0.00

2029	0	0.00	0.00
2030	0	0.00	0.00
2031	0	0.00	0.00
2032	0	0.00	0.00
2033	0	0.00	0.00
Bin Total	971	80.92	444.54

Type=s Cap=12 Nmin=0.0 Nmax=1500.0 Kmin=0.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	125	10.42	67.55
2013	149	12.42	80.62
2014	0	0.00	0.00
2015	126	10.50	68.14
2016	126	10.50	67.86
2017	210	17.50	113.04
2018	147	12.25	79.14
2019	105	8.75	56.52
2020	105	8.75	56.52
2021	126	10.50	67.83
2022	105	8.75	56.52
2023	126	10.50	67.83
2024	96	8.00	51.68
2025	132	11.00	71.06
2026	0	0.00	0.00
2027	0	0.00	0.00
2028	0	0.00	0.00
2029	0	0.00	0.00
2030	0	0.00	0.00
2031	0	0.00	0.00
2032	79	6.58	42.87
2033	0	0.00	0.00
Bin Total	1757	146.42	947.18

Type=b Cap=44 Nmin=0.0 Nmax=400.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	4	0.09	0.71
2011	183	4.16	31.91
2012	515	11.70	90.00
2013	877	19.93	154.65
2014	1371	31.16	242.35
2015	1837	41.75	321.53
2016	1995	45.34	346.71
2017	1607	36.52	279.11
2018	2380	54.09	410.83
2019	1671	37.98	288.63
2020	2118	48.14	366.33
2021	2546	57.86	440.34
2022	2287	51.98	395.85
2023	1978	44.95	343.56
2024	2645	60.11	463.89
2025	2531	57.52	434.96
2026	217	4.93	40.08
2027	474	10.77	90.54
2028	202	4.59	37.50
2029	189	4.30	34.55
2030	257	5.84	46.21
2031	294	6.68	51.61
2032	1570	35.68	279.48
2033	337	7.66	58.02

Bin Total 30085 683.75 5249.35

Type=b Cap=44 Kmin=0.0 Kmax=400.0 Kmin=1.00 Kmax=1.37

Year	Num_Assy	Num_Pkgs	MTU
2010	348	7.91	61.71
2011	1049	23.84	188.79
2012	2081	47.30	372.09
2013	2995	68.07	535.60
2014	4370	99.32	770.46
2015	3552	80.73	626.07
2016	3837	87.20	671.81
2017	3945	89.66	695.85
2018	3852	87.55	676.21
2019	3718	84.50	652.41
2020	3105	70.57	548.40
2021	3667	83.34	657.07
2022	3078	69.95	542.09
2023	2769	62.93	499.00
2024	3368	76.55	600.05
2025	4764	108.27	849.73
2026	7877	179.02	1428.31
2027	6397	145.39	1137.39
2028	5866	133.32	1075.26
2029	6124	139.18	1109.87
2030	5765	131.02	1026.27
2031	5007	113.80	901.77
2032	3641	82.75	642.75
2033	2574	58.50	456.90

Bin Total 93749 2130.66 16725.86

Type=b Cap=24 Kmin=0.0 Kmax=520.0 Kmin=0.00 Kmax=1.54

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	0	0.00	0.00
2014	0	0.00	0.00
2015	0	0.00	0.00
2016	0	0.00	0.00
2017	0	0.00	0.00
2018	8	0.33	1.10
2019	0	0.00	0.00
2020	233	9.71	39.71
2021	123	5.13	20.40
2022	341	14.21	58.44
2023	5	0.21	0.85
2024	367	15.29	63.61
2025	87	3.63	13.50
2026	23	0.96	2.76
2027	12	0.50	1.44
2028	2	0.08	0.24
2029	0	0.00	0.00
2030	48	2.00	5.21
2031	0	0.00	0.00
2032	0	0.00	0.00
2033	1	0.04	0.18

Bin Total 1250 52.08 207.43

Summary Table

Type	Cap	Num_Assy	PctType	Num_Pkg	MTU
p	21	33551	35.46	1597.67	14433.65

p	21	55376	58.53	2636.95	23840.57
p	21	2910	3.08	138.57	1135.93
p	12	971	1.03	80.92	444.54
s	12	1757	1.86	146.42	947.18
b	44	30085	24.05	683.75	5249.35
b	44	93749	74.95	2130.66	16725.86
b	24	1250	1.00	52.08	207.43
b	1	0	0.00	0.00	0.00
p	1	8	0.01	8.00	1.40
s	1	43	0.05	43.00	23.23

Totals 219700 7467.02 63009.14

JUNK FILE LISTING:

Nassy=1 burnup=1.87	kinf=1.529	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.45	kinf=1.536	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.53	kinf=1.535	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=1 burnup=6.38	kinf=1.455	Enrch=3.63	Dschg=1969	WEST VALLEY
Nassy=2 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=3 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=8 burnup=0.34	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.18	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.36	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.23	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=10 burnup=0.34	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.22	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.22	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=7 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.77	kinf=1.260	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.86	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.85	kinf=1.257	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.79	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=16 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.34	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.46	kinf=1.270	Enrch=1.97	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.57	kinf=1.267	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.76	kinf=1.261	Enrch=1.94	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.23	kinf=1.279	Enrch=2.00	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.46	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.09	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.27	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.27	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.28	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.32	kinf=1.275	Enrch=1.99	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.11	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.42	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.23	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=11 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.15	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.44	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.44	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=15 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.291	Enrch=2.04	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.62	kinf=1.265	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.64	kinf=1.264	Enrch=1.95	Dschg=1971	GE MORRIS (

Nassy=18 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=7 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.13	kinf=1.303 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=24 burnup=1.63	kinf=1.295 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.78	kinf=1.260 Enrch=1.94 Dschg=1971	GE MORRIS (
Nassy=2 burnup=9.28	kinf=1.410 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=4.99	kinf=1.478 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=8.24	kinf=1.426 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=1.53	kinf=1.318 Enrch=2.26 Dschg=1971	DRESDEN
Nassy=1 burnup=4.49	kinf=1.250 Enrch=2.11 Dschg=1971	OYSTER CRK
Nassy=1 burnup=3.27	kinf=1.212 Enrch=1.78 Dschg=1972	GE MORRIS (
Nassy=8 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=44 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=8 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=36 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.13	kinf=1.217 Enrch=1.80 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=19 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=8 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=34 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=31 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=1 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.77	kinf=1.249 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.28	kinf=1.271 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=2.73	kinf=1.279 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=10 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=22 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=1 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=12 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=4 burnup=2.84	kinf=1.277 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=28 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=22 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=14 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=7 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=15 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=22 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=22 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=17 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=2 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.64	kinf=1.172 Enrch=1.66 Dschg=1972	GE MORRIS (
Nassy=1 burnup=8.59	kinf=1.421 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=9.12	kinf=1.413 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=8.73	kinf=1.419 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=2 burnup=4.86	kinf=1.239 Enrch=2.08 Dschg=1972	HILLSTONE
Nassy=4 burnup=6.45	kinf=1.454 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=8.75	kinf=1.418 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=7.35	kinf=1.440 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=3.88	kinf=1.262 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=2 burnup=4.96	kinf=1.246 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=4 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=8.77	kinf=1.418 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=4 burnup=9.10	kinf=1.413 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=3.97	kinf=1.271 Enrch=2.19 Dschg=1973	PILGRIM
Nassy=1 burnup=2.63	kinf=1.290 Enrch=2.19 Dschg=1973	PILGRIM
Nassy=1 burnup=8.95	kinf=1.415 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=1 burnup=8.15	kinf=1.428 Enrch=3.63 Dschg=1974	WEST VALLEY

No bin for p 6.821762 1.454020

No bin for p 6.828259 1.454020

Nassy=1 burnup=7.57	kinf=1.476	Enrch=3.92	Dschg=1975	LACROSSE
Nassy=1 burnup=3.71	kinf=1.263	Enrch=2.12	Dschg=1975	DUANE ARNOL
Nassy=1 burnup=3.78	kinf=1.280	Enrch=2.23	Dschg=1975	DRESDEN
Nassy=1 burnup=4.80	kinf=1.467	Enrch=3.54	Dschg=1976	BIG ROCK
Nassy=1 burnup=2.90	kinf=1.273	Enrch=2.11	Dschg=1976	BRUNSWICK
Nassy=1 burnup=3.30	kinf=1.267	Enrch=2.11	Dschg=1976	BRUNSWICK
Nassy=2 burnup=2.43	kinf=1.105	Enrch=1.11	Dschg=1976	BRUNSWICK
Nassy=2 burnup=3.05	kinf=1.320	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.30	kinf=1.315	Enrch=2.40	Dschg=1976	HUMBOLDT BA
Nassy=4 burnup=2.43	kinf=1.329	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.69	kinf=1.325	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.89	kinf=1.308	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=4.34	kinf=1.301	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=1.31	kinf=1.346	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=12.04	kinf=1.407	Enrch=3.92	Dschg=1977	LACROSSE
Nassy=1 burnup=12.30	kinf=1.403	Enrch=3.93	Dschg=1977	LACROSSE
Nassy=1 burnup=7.61	kinf=1.476	Enrch=3.92	Dschg=1977	LACROSSE
Nassy=1 burnup=12.42	kinf=1.401	Enrch=3.92	Dschg=1977	LACROSSE
Nassy=5 burnup=3.65	kinf=1.282	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=2 burnup=3.35	kinf=1.287	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=4 burnup=3.35	kinf=1.287	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=2 burnup=3.08	kinf=1.291	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=4 burnup=4.00	kinf=1.277	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=7 burnup=4.97	kinf=1.263	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=14 burnup=4.97	kinf=1.263	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=5 burnup=4.97	kinf=1.263	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=1 burnup=4.53	kinf=1.269	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=22 burnup=4.53	kinf=1.269	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=8 burnup=3.15	kinf=1.024	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=1 burnup=4.11	kinf=1.012	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=7 burnup=4.11	kinf=1.012	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=28 burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=1 burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=11 burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=1 burnup=2.96	kinf=1.027	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=7 burnup=2.96	kinf=1.027	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=4 burnup=3.14	kinf=1.024	Enrch=0.72	Dschg=1985	LASALLE
Nassy=4 burnup=4.86	kinf=1.003	Enrch=0.72	Dschg=1985	LASALLE
Nassy=4 burnup=4.86	kinf=1.003	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=2.92	kinf=1.027	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=3.41	kinf=1.021	Enrch=0.72	Dschg=1985	LASALLE
Nassy=7 burnup=4.08	kinf=1.012	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=4.08	kinf=1.012	Enrch=0.72	Dschg=1985	LASALLE
Nassy=3 burnup=4.08	kinf=1.012	Enrch=0.72	Dschg=1985	LASALLE
Nassy=18 burnup=3.91	kinf=1.015	Enrch=0.72	Dschg=1985	LASALLE
Nassy=6 burnup=3.91	kinf=1.015	Enrch=0.72	Dschg=1985	LASALLE
Nassy=1 burnup=3.91	kinf=1.015	Enrch=0.72	Dschg=1985	LASALLE
Nassy=5 burnup=3.91	kinf=1.015	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=2.64	kinf=1.031	Enrch=0.72	Dschg=1985	LASALLE
Nassy=3 burnup=2.22	kinf=1.038	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=5 burnup=2.22	kinf=1.038	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=14 burnup=2.86	kinf=1.030	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=8 burnup=3.07	kinf=1.027	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=12 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=10 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=12 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=8 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=10 burnup=1.77	kinf=1.044	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=6 burnup=1.77	kinf=1.044	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=4 burnup=3.28	kinf=1.024	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=2 burnup=4.17	kinf=1.013	Enrch=0.73	Dschg=1986	SUSQUEHANNA
Nassy=8 burnup=4.17	kinf=1.013	Enrch=0.73	Dschg=1986	SUSQUEHANNA
Nassy=16 burnup=4.17	kinf=1.013	Enrch=0.73	Dschg=1986	SUSQUEHANNA
Nassy=6 burnup=3.09	kinf=1.026	Enrch=0.73	Dschg=1986	SUSQUEHANNA
Nassy=2 burnup=3.09	kinf=1.026	Enrch=0.73	Dschg=1986	SUSQUEHANNA
Nassy=8 burnup=2.76	kinf=1.030	Enrch=0.72	Dschg=1986	SUSQUEHANNA
Nassy=12 burnup=3.50	kinf=1.020	Enrch=0.72	Dschg=1986	SUSQUEHANNA

Nassy=2 burnup=3.98 kinf=1.015 Enrch=0.73 Dschg=1986 SUSQUEHANNA
 Nassy=20 burnup=3.98 kinf=1.015 Enrch=0.73 Dschg=1986 SUSQUEHANNA
 Nassy=8 burnup=4.72 kinf=1.006 Enrch=0.73 Dschg=1986 SUSQUEHANNA
 Nassy=11 burnup=3.35 kinf=1.022 Enrch=0.72 Dschg=1986 GRAND GULF
 Nassy=30 burnup=3.35 kinf=1.022 Enrch=0.72 Dschg=1986 GRAND GULF
 Nassy=14 burnup=3.35 kinf=1.022 Enrch=0.72 Dschg=1986 GRAND GULF
 Nassy=33 burnup=3.35 kinf=1.022 Enrch=0.72 Dschg=1986 GRAND GULF
 Nassy=4 burnup=3.35 kinf=1.022 Enrch=0.72 Dschg=1986 GRAND GULF
 Nassy=31 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1987 LASALLE
 Nassy=6 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1987 LASALLE
 Nassy=15 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1987 LASALLE
 Nassy=11 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1987 LASALLE
 Nassy=13 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1987 LASALLE
 Nassy=2 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1987 LASALLE
 Nassy=11 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1987 LASALLE
 Nassy=2 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1987 LASALLE
 Nassy=1 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1987 LASALLE
 Nassy=16 burnup=5.00 kinf=1.487 Enrch=3.70 Dschg=1987 LACROSSE
 Nassy=2 burnup=5.00 kinf=1.487 Enrch=3.70 Dschg=1987 LACROSSE
 Nassy=5 burnup=5.00 kinf=1.487 Enrch=3.70 Dschg=1987 LACROSSE
 Nassy=1 burnup=5.00 kinf=1.488 Enrch=3.71 Dschg=1987 LACROSSE
 Nassy=12 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 CLINTON
 Nassy=36 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 CLINTON
 Nassy=4 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 CLINTON
 Nassy=8 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 CLINTON
 Nassy=4 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 CLINTON
 Nassy=12 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 CLINTON
 Nassy=39 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 ENRICO FERM
 Nassy=22 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 ENRICO FERM
 Nassy=7 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 ENRICO FERM
 Nassy=2 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 ENRICO FERM
 Nassy=4 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 ENRICO FERM
 Nassy=18 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 ENRICO FERM
 No bin for s 126.326767 1.163861
 No bin for s 97.802551 1.251277
 No bin for s 129.793442 1.213784
 Nassy=7 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P
 Nassy=27 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P
 Nassy=16 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P
 Nassy=2 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P
 Nassy=30 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P
 Nassy=10 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P
 No bin for s 128.959671 1.154404
 No bin for s 128.959671 1.154404
 No bin for s 128.959671 1.154404
 No bin for s 128.959671 1.154404
 No bin for s 128.959671 1.154404
 No bin for s 128.959671 1.154404
 No bin for s 128.959671 1.154404
 No bin for s 157.628998 1.205290
 No bin for s 154.495773 1.206209
 Nassy=4 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 SUSQUEHANNA
 Nassy=24 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK
 Nassy=44 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK
 Nassy=16 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK
 Nassy=8 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK
 Nassy=1 burnup=1.97 kinf=1.483 Enrch=3.34 Dschg=1994 RVR BEND
 Nassy=18 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=132 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=3 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=23 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=25 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=40 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=4 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=11 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=21 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=132 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=36 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=3 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM

INPUT FILE LISTING:

#bins	Input_file	Output_file	Case_title	Last_delivery	
8	case7.wsm	finalw7.out	FINAL-W7	2045	
Type	Cap	Mmin	Mmax	Knin	Knax
p	21	0	850	0.00	1.00
p	21	0	850	1.00	1.13
p	21	0	850	1.13	1.45
p	12	850	1500	0.00	1.02
s	12	0	1500	0.00	1.13
b	44	0	400	0.00	1.00
b	44	0	400	1.00	1.37
b	24	0	520	0.00	1.54

OUTPUT FILE LISTING:

FINAL-W7
8 Bins

Type=p Cap=21 Mmin=0.0 Mmax=850.0 Knin=0.00 Knax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	211	10.05	79.14
2012	509	24.24	204.45
2013	1299	61.86	526.99
2014	1283	61.10	524.10
2015	1714	81.62	722.72
2016	1339	63.76	558.59
2017	1736	82.67	737.93
2018	1740	82.86	751.82
2019	2058	98.00	883.81
2020	1947	92.71	841.18
2021	1735	82.62	750.27
2022	2091	99.57	890.12
2023	2385	113.57	1034.20
2024	2059	98.05	898.75
2025	1688	80.38	733.78
2026	1903	90.62	833.06
2027	2315	110.24	997.95
2028	1800	85.71	804.54
2029	2045	97.38	885.72
2030	1580	75.24	695.02
2031	2062	98.19	904.95
2032	1701	81.00	747.22
2033	1090	51.90	476.51

Bin Total 38290 1823.33 16482.83

Type=p Cap=21 Mmin=0.0 Mmax=850.0 Knin=1.00 Knax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	117	5.57	46.34
2011	357	17.00	149.90
2012	1048	49.90	432.60
2013	1502	71.52	631.89
2014	2716	129.33	1174.85
2015	2682	127.71	1144.48
2016	3047	145.10	1297.95
2017	2781	132.43	1186.71
2018	2617	124.62	1112.96
2019	2534	120.67	1094.53
2020	2447	116.52	1059.45
2021	2508	119.43	1078.31
2022	2296	109.33	992.86

2023	1977	94.14	865.32
2024	2382	113.43	1028.18
2025	2359	112.33	1027.66
2026	2118	100.86	911.49
2027	2254	107.33	976.16
2028	2231	106.24	978.79
2029	2305	109.76	1001.84
2030	2252	107.24	973.35
2031	2514	119.71	1089.10
2032	2308	109.90	988.02
2033	1265	60.24	543.23

Bin Total 50617 2410.33 21785.97

Type=p Cap=21 Mmin=0.0 Mmax=850.0 Kmin=1.13 Kmax=1.45

Year	Num_Assy	Num_Pkgs	MTU
2010	156	7.43	58.19
2011	230	10.95	58.73
2012	81	3.86	24.34
2013	50	2.38	16.16
2014	12	0.57	4.83
2015	38	1.81	15.15
2016	28	1.33	11.82
2017	36	1.71	15.62
2018	121	5.76	55.64
2019	48	2.29	20.80
2020	147	7.00	48.42
2021	293	13.95	117.98
2022	34	1.62	14.63
2023	211	10.05	93.61
2024	178	8.48	70.56
2025	208	9.90	84.72
2026	28	1.33	11.22
2027	207	9.86	83.14
2028	179	8.52	79.39
2029	297	14.14	121.28
2030	139	6.62	59.55
2031	96	4.57	38.76
2032	140	6.67	62.20
2033	86	4.10	37.70

Bin Total 3043 144.90 1204.44

Type=p Cap=12 Mmin=850.0 Mmax=1500.0 Kmin=0.00 Kmax=1.02

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	26	2.17	11.96
2014	0	0.00	0.00
2015	54	4.50	25.30
2016	53	4.42	24.83
2017	25	2.08	11.50
2018	49	4.08	22.96
2019	43	3.58	19.98
2020	52	4.33	24.37
2021	45	3.75	21.09
2022	34	2.83	15.93
2023	5	0.42	2.10
2024	22	1.83	10.16
2025	29	2.42	13.59
2026	85	7.08	39.80
2027	87	7.25	36.86
2028	11	0.92	4.88

2029	60	5.00	25.39
2030	76	6.33	35.11
2031	77	6.42	33.73
2032	66	5.50	27.55
2033	43	3.58	18.29
Bin Total	942	78.50	425.36

Type=s Cap=12 Hmin=0.0 Hmax=1500.0 Knin=0.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	0	0.00	0.00
2014	0	0.00	0.00
2015	0	0.00	0.00
2016	0	0.00	0.00
2017	0	0.00	0.00
2018	0	0.00	0.00
2019	163	13.58	88.31
2020	83	6.92	44.78
2021	125	10.42	67.65
2022	84	7.00	45.47
2023	126	10.50	67.94
2024	126	10.50	67.84
2025	147	12.25	79.13
2026	147	12.25	79.13
2027	105	8.75	56.52
2028	105	8.75	56.52
2029	63	5.25	33.91
2030	231	19.25	124.35
2031	105	8.75	56.52
2032	105	8.75	56.52
2033	78	6.50	41.99
Bin Total	1793	149.42	966.61

Type=b Cap=44 Hmin=0.0 Hmax=400.0 Knin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	2	0.05	0.21
2011	6	0.14	0.61
2012	40	0.91	7.68
2013	355	8.07	67.09
2014	963	21.89	174.20
2015	881	20.02	158.99
2016	1297	29.48	226.82
2017	813	18.48	140.03
2018	1007	22.89	176.47
2019	1499	34.07	262.57
2020	1681	38.20	288.30
2021	1683	38.25	294.56
2022	2077	47.20	358.65
2023	2084	47.36	360.34
2024	1951	44.34	338.32
2025	2475	56.25	430.38
2026	2629	59.75	455.99
2027	2116	48.09	366.73
2028	2174	49.41	377.34
2029	1908	43.36	330.21
2030	1741	39.57	304.08
2031	1921	43.66	335.44
2032	1465	33.30	255.02
2033	1200	27.27	207.09

Bin Total 33968 772.00 5917.11

Type=b Cap=44 Hmin=0.0 Hmax=400.0 Knin=1.00 Kmax=1.37

Year	Num Assy	Num Pkgs	MTU
2010	1098	24.95	190.78
2011	1846	41.95	311.75
2012	2955	67.16	518.65
2013	4237	96.30	751.90
2014	6260	142.27	1114.54
2015	5231	118.89	937.11
2016	5016	114.00	882.50
2017	5100	115.91	899.87
2018	5019	114.07	889.84
2019	3450	78.41	610.47
2020	3972	90.27	707.06
2021	3706	84.23	657.65
2022	3812	86.64	672.53
2023	3253	73.93	579.60
2024	3109	70.66	549.31
2025	3490	79.32	615.88
2026	3531	80.25	623.08
2027	2850	64.77	504.08
2028	3812	86.64	669.47
2029	3138	71.32	561.81
2030	4313	98.02	783.11
2031	3007	68.34	547.26
2032	4565	103.75	824.86
2033	2972	67.55	550.21
Bin Total	89742	2039.59	15953.31

Type=b Cap=24 Hmin=0.0 Hmax=520.0 Knin=0.00 Kmax=1.54

Year	Num Assy	Num Pkgs	MTU
2010	0	0.00	0.00
2011	40	1.67	5.41
2012	18	0.75	2.16
2013	5	0.21	0.60
2014	12	0.50	1.44
2015	2	0.08	0.24
2016	0	0.00	0.00
2017	48	2.00	5.21
2018	0	0.00	0.00
2019	0	0.00	0.00
2020	0	0.00	0.00
2021	0	0.00	0.00
2022	72	3.00	12.38
2023	8	0.33	1.38
2024	153	6.38	25.95
2025	84	3.50	14.28
2026	317	13.21	53.80
2027	6	0.25	1.03
2028	130	5.42	23.02
2029	146	6.08	25.97
2030	106	4.42	18.13
2031	0	0.00	0.00
2032	130	5.42	22.23
2033	333	13.88	57.31
Bin Total	1610	67.08	270.52

Summary Table

Type	Cap	Num Assy	PctType	Num Pkg	MTU
p	21	38290	40.44	1823.33	16482.83

p	21	50617	53.45	2410.33	21785.97
p	21	3043	3.21	144.90	1204.44
p	12	942	0.99	78.50	425.36
s	12	1793	1.89	149.42	966.61
b	44	33968	27.11	772.00	5917.11
b	44	89742	71.61	2039.59	15953.31
b	24	1610	1.28	67.08	270.52
b	1	0	0.00	0.00	0.00
p	1	0	0.00	0.00	0.00
s	1	7	0.01	7.00	3.79

Totals	220012	7485.16	63009.96
--------	--------	---------	----------

JUNK FILE LISTING:

Nassy=1 burnup=1.87	kinf=1.529	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.45	kinf=1.536	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.53	kinf=1.535	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=1 burnup=6.38	kinf=1.455	Enrch=3.63	Dschg=1969	WEST VALLEY
Nassy=2 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=3 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=8 burnup=0.34	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.18	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.36	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.23	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=10 burnup=0.34	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.22	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=7 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.77	kinf=1.260	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.86	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.85	kinf=1.257	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.79	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.79	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=19 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.34	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.46	kinf=1.270	Enrch=1.97	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.57	kinf=1.267	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.76	kinf=1.261	Enrch=1.94	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.23	kinf=1.279	Enrch=2.00	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.23	kinf=1.279	Enrch=2.00	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.46	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.09	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.27	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.28	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.32	kinf=1.275	Enrch=1.99	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.11	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.42	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.23	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.15	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.44	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=15 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.291	Enrch=2.04	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.62	kinf=1.265	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.64	kinf=1.264	Enrch=1.95	Dschg=1971	GE MORRIS (
Nassy=25 burnup=1.83	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (

Nassy=2 burnup=1.13	kinf=1.303 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=16 burnup=1.63	kinf=1.295 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.63	kinf=1.295 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.78	kinf=1.260 Enrch=1.94 Dschg=1971	GE MORRIS (
Nassy=2 burnup=9.28	kinf=1.410 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=4.99	kinf=1.478 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=8.24	kinf=1.426 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=1.53	kinf=1.318 Enrch=2.26 Dschg=1971	DRESDEN
Nassy=1 burnup=4.49	kinf=1.250 Enrch=2.11 Dschg=1971	OYSTER CRK
Nassy=1 burnup=3.27	kinf=1.212 Enrch=1.78 Dschg=1972	GE MORRIS (
Nassy=33 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=27 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=17 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=19 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.13	kinf=1.217 Enrch=1.80 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=27 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=17 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=17 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=27 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=6 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.77	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.28	kinf=1.271 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=2.73	kinf=1.279 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=23 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=15 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=7 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=1 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=4 burnup=2.84	kinf=1.277 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=9 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=24 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=20 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=21 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=15 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=41 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=7 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.64	kinf=1.172 Enrch=1.66 Dschg=1972	GE MORRIS (
Nassy=1 burnup=8.59	kinf=1.421 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=9.12	kinf=1.413 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=8.73	kinf=1.419 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=2 burnup=4.86	kinf=1.239 Enrch=2.08 Dschg=1972	MILLSTONE
Nassy=4 burnup=6.45	kinf=1.454 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=8.75	kinf=1.418 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=7.35	kinf=1.440 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=3.88	kinf=1.262 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=2 burnup=4.96	kinf=1.246 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=1 burnup=1.05	kinf=1.365 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=0.97	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.32	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=11 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=10 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=2 burnup=4.00	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.05	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=4 burnup=1.16	kinf=1.364 Enrch=2.50 Dschg=1973	VT YANKEE

Nassy=3 burnup=4.66	kinf=1.311 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=4.66	kinf=1.311 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=4.69	kinf=1.310 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=3 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=8.77	kinf=1.418 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=4 burnup=9.10	kinf=1.413 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=3.97	kinf=1.271 Enrch=2.19 Dschg=1973	PILGRIM
Nassy=1 burnup=2.63	kinf=1.290 Enrch=2.19 Dschg=1973	PILGRIM
Nassy=1 burnup=8.95	kinf=1.415 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=1 burnup=8.15	kinf=1.428 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=2 burnup=4.95	kinf=1.306 Enrch=2.50 Dschg=1974	VT YANKEE
Nassy=6 burnup=4.95	kinf=1.306 Enrch=2.50 Dschg=1974	VT YANKEE
Nassy=1 burnup=7.57	kinf=1.476 Enrch=3.92 Dschg=1975	LACROSSE
Nassy=1 burnup=3.71	kinf=1.263 Enrch=2.12 Dschg=1975	DUANE ARNOL
Nassy=1 burnup=3.78	kinf=1.280 Enrch=2.23 Dschg=1975	DRESDEN
Nassy=1 burnup=4.80	kinf=1.467 Enrch=3.54 Dschg=1976	BIG ROCK
Nassy=1 burnup=2.90	kinf=1.273 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=1 burnup=3.30	kinf=1.267 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=2.43	kinf=1.105 Enrch=1.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=3.05	kinf=1.320 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.30	kinf=1.315 Enrch=2.40 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=2.43	kinf=1.329 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=3 burnup=2.43	kinf=1.329 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.69	kinf=1.325 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.89	kinf=1.308 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=4.34	kinf=1.301 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=1.31	kinf=1.346 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=12.04	kinf=1.407 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.30	kinf=1.403 Enrch=3.93 Dschg=1977	LACROSSE
Nassy=1 burnup=7.61	kinf=1.476 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.42	kinf=1.401 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=5 burnup=3.65	kinf=1.282 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=3.08	kinf=1.291 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=4.00	kinf=1.277 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=21 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=5 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=1 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=22 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=3.58	kinf=1.019 Enrch=0.72 Dschg=1980	HATCH
Nassy=16 burnup=1.89	kinf=1.041 Enrch=0.72 Dschg=1980	HATCH
Nassy=10 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	HATCH
Nassy=14 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	HATCH
Nassy=1 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	HATCH
Nassy=3 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	HATCH
Nassy=16 burnup=2.83	kinf=1.028 Enrch=0.72 Dschg=1980	HATCH
Nassy=8 burnup=4.31	kinf=1.009 Enrch=0.72 Dschg=1980	HATCH
Nassy=2 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1980	HATCH
Nassy=2 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1980	HATCH
Nassy=8 burnup=3.15	kinf=1.024 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=4.11	kinf=1.012 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=12 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=24 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=12 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=2.96	kinf=1.027 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=1 burnup=3.14	kinf=1.024 Enrch=0.72 Dschg=1985	LASALLE
Nassy=3 burnup=3.14	kinf=1.024 Enrch=0.72 Dschg=1985	LASALLE
Nassy=8 burnup=4.86	kinf=1.003 Enrch=0.72 Dschg=1985	LASALLE
Nassy=8 burnup=2.92	kinf=1.027 Enrch=0.72 Dschg=1985	LASALLE
Nassy=8 burnup=3.41	kinf=1.021 Enrch=0.72 Dschg=1985	LASALLE
Nassy=17 burnup=4.08	kinf=1.012 Enrch=0.72 Dschg=1985	LASALLE
Nassy=1 burnup=4.08	kinf=1.012 Enrch=0.72 Dschg=1985	LASALLE
Nassy=30 burnup=3.91	kinf=1.015 Enrch=0.72 Dschg=1985	LASALLE
Nassy=8 burnup=2.64	kinf=1.031 Enrch=0.72 Dschg=1985	LASALLE
Nassy=8 burnup=2.22	kinf=1.038 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=14 burnup=2.86	kinf=1.030 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=8 burnup=3.07	kinf=1.027 Enrch=0.73 Dschg=1986	WASH NUCLEA

Nassy=6 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=16 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=2 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=11 burnup=1.77	kinf=1.044	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=5 burnup=1.77	kinf=1.044	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=4 burnup=3.28	kinf=1.024	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=2 burnup=4.17	kinf=1.013	Enrch=0.73	Dschg=1986	SUSQUEHANNA
Nassy=4 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1987	LASALLE
Nassy=44 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1987	LASALLE
Nassy=15 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1987	LASALLE
Nassy=22 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1987	LASALLE
Nassy=6 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1987	LASALLE
Nassy=1 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1987	LASALLE
Nassy=18 burnup=5.00	kinf=1.487	Enrch=3.70	Dschg=1987	LACROSSE
Nassy=5 burnup=5.00	kinf=1.487	Enrch=3.70	Dschg=1987	LACROSSE
Nassy=1 burnup=5.00	kinf=1.488	Enrch=3.71	Dschg=1987	LACROSSE
Nassy=30 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	CLINTON
Nassy=18 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	CLINTON
Nassy=4 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	CLINTON
Nassy=8 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	CLINTON
Nassy=2 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	CLINTON
Nassy=14 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	CLINTON
Nassy=1 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	ENRICO FERM
Nassy=44 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	ENRICO FERM
Nassy=20 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	ENRICO FERM
Nassy=2 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	ENRICO FERM
Nassy=1 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	ENRICO FERM
Nassy=5 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	ENRICO FERM
Nassy=7 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	ENRICO FERM
Nassy=12 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	ENRICO FERM
No bin for s 154.361465 1.138013				
No bin for s 123.031021 1.221207				
No bin for s 161.838730 1.184421				
Nassy=9 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1990	NINE MILE P
Nassy=24 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1990	NINE MILE P
Nassy=19 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1990	NINE MILE P
Nassy=1 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1990	NINE MILE P
Nassy=28 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1990	NINE MILE P
Nassy=11 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1990	NINE MILE P
No bin for s 135.289886 1.216874				
No bin for s 133.073761 1.219003				
Nassy=27 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1991	LIMERICK
Nassy=44 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1991	LIMERICK
Nassy=13 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1991	LIMERICK
Nassy=8 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1991	LIMERICK
Nassy=28 burnup=7.19	kinf=1.402	Enrch=3.35	Dschg=2009	NINE MILE P
Nassy=88 burnup=7.19	kinf=1.402	Enrch=3.35	Dschg=2009	NINE MILE P
Nassy=37 burnup=7.19	kinf=1.402	Enrch=3.35	Dschg=2009	NINE MILE P
Nassy=4 burnup=7.19	kinf=1.402	Enrch=3.35	Dschg=2009	NINE MILE P
Nassy=19 burnup=7.19	kinf=1.402	Enrch=3.35	Dschg=2009	NINE MILE P
Nassy=1 burnup=7.59	kinf=1.400	Enrch=3.38	Dschg=2009	OYSTER CRK
Nassy=44 burnup=7.59	kinf=1.400	Enrch=3.38	Dschg=2009	OYSTER CRK
Nassy=27 burnup=7.59	kinf=1.400	Enrch=3.38	Dschg=2009	OYSTER CRK
Nassy=8 burnup=7.59	kinf=1.400	Enrch=3.38	Dschg=2009	OYSTER CRK
Nassy=6 burnup=6.41	kinf=1.443	Enrch=3.55	Dschg=2012	QUAD CITIES
Nassy=88 burnup=6.41	kinf=1.443	Enrch=3.55	Dschg=2012	QUAD CITIES
Nassy=36 burnup=6.41	kinf=1.443	Enrch=3.55	Dschg=2012	QUAD CITIES
Nassy=23 burnup=6.41	kinf=1.443	Enrch=3.55	Dschg=2012	QUAD CITIES
Nassy=30 burnup=6.61	kinf=1.438	Enrch=3.54	Dschg=2014	BRUNSWICK
Nassy=44 burnup=6.61	kinf=1.438	Enrch=3.54	Dschg=2014	BRUNSWICK
Nassy=5 burnup=6.61	kinf=1.438	Enrch=3.54	Dschg=2014	BRUNSWICK
Nassy=13 burnup=6.61	kinf=1.438	Enrch=3.54	Dschg=2014	BRUNSWICK

INPUT FILE LISTING:

#bins	Input_file	Output_file	Case_title	Last_delivery
8	case8.wsm	finalw8.out	FINAL-W8	2045
Type	Cap	Mmin	Mmax	Kmin
p	21	0	850	0.00
p	21	0	850	1.00
p	21	0	850	1.13
p	12	850	1500	0.00
s	12	0	1500	0.00
b	44	0	400	0.00
b	44	0	400	1.00
b	24	0	520	0.00

OUTPUT FILE LISTING:

FINAL-W8
8 Bins

Type=p Cap=21 Mmin=0.0 Mmax=850.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	158	7.52	57.84
2012	539	25.67	215.45
2013	1316	62.67	533.25
2014	1268	60.38	518.24
2015	1717	81.76	725.63
2016	1371	65.29	570.86
2017	1699	80.90	722.70
2018	1752	83.43	756.87
2019	2029	96.62	873.09
2020	1970	93.81	847.75
2021	1747	83.19	756.59
2022	2079	99.00	885.56
2023	2373	113.00	1028.46
2024	2048	97.52	894.29
2025	1713	81.57	744.32
2026	1932	92.00	845.06
2027	2292	109.14	988.65
2028	1809	86.14	808.78
2029	2045	97.38	885.72
2030	1574	74.95	692.30
2031	2040	97.14	895.14
2032	1727	82.24	757.53
2033	1107	52.71	485.26
Bin Total	38305	1824.05	16489.37

Type=p Cap=21 Mmin=0.0 Mmax=850.0 Kmin=1.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	117	5.57	46.65
2011	409	19.48	170.41
2012	998	47.52	413.27
2013	1482	70.57	623.87
2014	2739	130.43	1182.43
2015	2667	127.00	1142.03
2016	3051	145.29	1297.12
2017	2767	131.76	1180.53
2018	2617	124.62	1113.36
2019	2542	121.05	1098.57
2020	2447	116.52	1059.46
2021	2514	119.71	1080.63
2022	2285	108.81	988.55

2023	1952	92.95	854.67
2024	2425	115.48	1049.16
2025	2349	111.86	1021.47
2026	2099	99.95	901.87
2027	2246	106.95	972.97
2028	2282	108.67	1001.19
2029	2310	110.00	1004.17
2030	2251	107.19	975.84
2031	2574	122.57	1111.89
2032	2258	107.52	965.06
2033	1197	57.00	514.04

Bin Total 50578 2408.48 21769.20

Type=p Cap=21 Kmin=0.0 Kmax=850.0 Kmin=1.13 Kmax=1.45

Year	Num_Assy	Num_Pkgs	MTU
2010	156	7.43	56.88
2011	147	7.00	44.40
2012	164	7.81	39.99
2013	44	2.10	14.75
2014	25	1.19	7.88
2015	41	1.95	16.56
2016	25	1.19	10.43
2017	36	1.71	15.62
2018	121	5.76	55.64
2019	48	2.29	20.80
2020	145	6.90	47.52
2021	308	14.67	125.19
2022	36	1.71	15.35
2023	227	10.81	99.39
2024	167	7.95	66.74
2025	214	10.19	87.85
2026	25	1.19	10.02
2027	208	9.90	83.46
2028	161	7.67	70.29
2029	271	12.90	111.61
2030	167	7.95	70.35
2031	109	5.19	43.54
2032	119	5.67	54.13
2033	86	4.10	37.70

Bin Total 3050 145.24 1206.09

Type=p Cap=12 Kmin=850.0 Kmax=1500.0 Kmin=0.00 Kmax=1.02

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	26	2.17	11.96
2014	0	0.00	0.00
2015	54	4.50	25.30
2016	53	4.42	24.83
2017	25	2.08	11.50
2018	49	4.08	22.96
2019	43	3.58	19.98
2020	52	4.33	24.37
2021	45	3.75	21.09
2022	34	2.83	15.93
2023	5	0.42	2.10
2024	22	1.83	10.16
2025	29	2.42	13.59
2026	78	6.50	36.55
2027	87	7.25	36.86
2028	11	0.92	4.88

2029	60	5.00	25.40
2030	76	6.33	35.11
2031	77	6.42	33.73
2032	66	5.50	27.55
2033	43	3.58	18.29
Bin Total	935	77.92	422.11

Type=s Cap=12 Hmin=0.0 Hmax=1500.0 Kmin=0.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	0	0.00	0.00
2014	0	0.00	0.00
2015	0	0.00	0.00
2016	0	0.00	0.00
2017	0	0.00	0.00
2018	0	0.00	0.00
2019	163	13.58	88.31
2020	83	6.92	44.78
2021	125	10.42	67.65
2022	84	7.00	45.47
2023	126	10.50	67.94
2024	126	10.50	67.84
2025	147	12.25	79.13
2026	147	12.25	79.13
2027	105	8.75	56.52
2028	105	8.75	56.52
2029	63	5.25	33.91
2030	231	19.25	124.35
2031	105	8.75	56.52
2032	105	8.75	56.52
2033	78	6.50	41.99
Bin Total	1793	149.42	966.61

Type=b Cap=44 Hmin=0.0 Hmax=400.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	2	0.05	0.21
2011	6	0.14	0.61
2012	40	0.91	7.68
2013	355	8.07	67.09
2014	963	21.89	174.20
2015	881	20.02	158.99
2016	1297	29.48	226.82
2017	817	18.57	140.71
2018	1023	23.25	179.40
2019	1499	34.07	262.61
2020	1665	37.84	285.33
2021	1679	38.16	293.88
2022	2086	47.41	360.19
2023	2075	47.16	358.81
2024	1951	44.34	338.32
2025	2475	56.25	430.37
2026	2629	59.75	455.99
2027	2116	48.09	366.73
2028	2125	48.30	368.63
2029	1957	44.48	338.90
2030	1741	39.57	304.08
2031	1921	43.66	335.44
2032	1465	33.30	255.02
2033	1200	27.27	207.09

Bin Total 33968 772.00 5917.11

Type=b Cap=44 Hmin=0.0 Hmax=400.0 Kmin=1.00 Kmax=1.37

Year	Num Assy	Num Pkgs	MTU
2010	1098	24.95	187.32
2011	1875	42.61	322.48
2012	3014	68.50	527.45
2013	4237	96.30	745.95
2014	6216	141.27	1112.10
2015	5187	117.89	929.48
2016	4972	113.00	874.96
2017	5228	118.82	921.40
2018	4959	112.70	880.12
2019	3582	81.41	634.84
2020	3812	86.64	677.61
2021	3666	83.32	650.82
2022	3859	87.70	680.63
2023	3382	76.86	602.73
2024	2990	67.95	527.13
2025	3473	78.93	613.80
2026	3535	80.34	623.55
2027	2850	64.77	504.17
2028	3817	86.75	670.59
2029	3177	72.20	569.12
2030	4225	96.02	766.32
2031	3007	68.34	547.19
2032	4609	104.75	833.33
2033	2995	68.07	554.11

Bin Total 89765 2040.11 15957.21

Type=b Cap=24 Hmin=0.0 Hmax=520.0 Kmin=0.00 Kmax=1.54

Year	Num Assy	Num Pkgs	MTU
2010	0	0.00	0.00
2011	55	2.29	7.20
2012	3	0.13	0.36
2013	5	0.21	0.60
2014	12	0.50	1.44
2015	2	0.08	0.24
2016	0	0.00	0.00
2017	48	2.00	5.21
2018	0	0.00	0.00
2019	0	0.00	0.00
2020	0	0.00	0.00
2021	0	0.00	0.00
2022	60	2.50	10.32
2023	20	0.83	3.44
2024	157	6.54	26.63
2025	80	3.33	13.60
2026	317	13.21	53.80
2027	6	0.25	1.03
2028	130	5.42	23.02
2029	146	6.08	25.97
2030	106	4.42	18.13
2031	0	0.00	0.00
2032	130	5.42	22.23
2033	333	13.88	57.30

Bin Total 1610 67.08 270.53

Summary Table

Type	Cap	Num Assy	PctType	Num Pkg	MTU
p	21	38305	40.46	1824.05	16489.37

p	21	50578	53.43	2408.48	21769.20
p	21	3050	3.22	145.24	1206.09
p	12	935	0.99	77.92	422.11
s	12	1793	1.89	149.42	966.61
b	44	33968	27.10	772.00	5917.11
b	44	89765	71.62	2040.11	15957.21
b	24	1610	1.28	67.08	270.53
b	1	0	0.00	0.00	0.00
p	1	0	0.00	0.00	0.00
s	1	7	0.01	7.00	3.79

Totals 220011 7484.29 63002.02

JUNK FILE LISTING:

Nassy=1 burnup=1.87	kinf=1.529	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.45	kinf=1.536	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.53	kinf=1.535	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=1 burnup=6.38	kinf=1.455	Enrch=3.63	Dschg=1969	WEST VALLEY
Nassy=2 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=3 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=8 burnup=0.34	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.18	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.36	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.23	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=10 burnup=0.34	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.22	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.77	kinf=1.260	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.86	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.85	kinf=1.257	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.79	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=19 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.34	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.46	kinf=1.270	Enrch=1.97	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.57	kinf=1.267	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.76	kinf=1.261	Enrch=1.94	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.23	kinf=1.279	Enrch=2.00	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.46	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.09	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.27	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.28	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.32	kinf=1.275	Enrch=1.99	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.32	kinf=1.275	Enrch=1.99	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.11	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.42	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.23	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=11 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.15	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.44	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=12 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.291	Enrch=2.04	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.62	kinf=1.265	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.64	kinf=1.264	Enrch=1.95	Dschg=1971	GE MORRIS (
Nassy=24 burnup=1.83	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (

Nassy=1 burnup=1.83	kinf=1.292 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.13	kinf=1.303 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=24 burnup=1.63	kinf=1.295 Enrch=2.13 Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.78	kinf=1.260 Enrch=1.94 Dschg=1971	GE MORRIS (
Nassy=2 burnup=9.28	kinf=1.410 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=4.99	kinf=1.478 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=8.24	kinf=1.426 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=1.53	kinf=1.318 Enrch=2.26 Dschg=1971	DRESDEN
Nassy=1 burnup=4.49	kinf=1.250 Enrch=2.11 Dschg=1971	OYSTER CRK
Nassy=1 burnup=3.27	kinf=1.212 Enrch=1.78 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=44 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=36 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=6 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=6 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.13	kinf=1.217 Enrch=1.80 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=25 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=34 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=8 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=25 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=8 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.77	kinf=1.249 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.28	kinf=1.271 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=2.73	kinf=1.279 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=19 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=22 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=1 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=7 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=6 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=4 burnup=2.84	kinf=1.277 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=33 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=21 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=20 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=15 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=28 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=16 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=17 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=7 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.64	kinf=1.172 Enrch=1.66 Dschg=1972	GE MORRIS (
Nassy=1 burnup=8.59	kinf=1.421 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=9.12	kinf=1.413 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=8.73	kinf=1.419 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=2 burnup=4.86	kinf=1.239 Enrch=2.08 Dschg=1972	HILLSTONE
Nassy=4 burnup=6.45	kinf=1.454 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=8.75	kinf=1.418 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=7.35	kinf=1.440 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=3.88	kinf=1.262 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=2 burnup=4.96	kinf=1.246 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=1 burnup=1.05	kinf=1.365 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=0.97	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.32	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=11 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=9 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=2 burnup=4.00	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE

Nassy=5	burnup=4.05	kinf=1.320	Enrch=2.50	Dschg=1973	VT YANKEE
Nassy=4	burnup=1.16	kinf=1.364	Enrch=2.50	Dschg=1973	VT YANKEE
Nassy=3	burnup=4.66	kinf=1.311	Enrch=2.50	Dschg=1973	VT YANKEE
Nassy=3	burnup=4.66	kinf=1.311	Enrch=2.50	Dschg=1973	VT YANKEE
Nassy=1	burnup=0.99	kinf=1.366	Enrch=2.50	Dschg=1973	VT YANKEE
Nassy=1	burnup=4.69	kinf=1.310	Enrch=2.50	Dschg=1973	VT YANKEE
Nassy=1	burnup=9.23	kinf=1.411	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=3	burnup=9.23	kinf=1.411	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=1	burnup=8.77	kinf=1.418	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=4	burnup=9.10	kinf=1.413	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=1	burnup=3.97	kinf=1.271	Enrch=2.19	Dschg=1973	PILGRIM
Nassy=1	burnup=2.63	kinf=1.290	Enrch=2.19	Dschg=1973	PILGRIM
Nassy=1	burnup=8.95	kinf=1.415	Enrch=3.63	Dschg=1974	WEST VALLEY
Nassy=1	burnup=8.15	kinf=1.428	Enrch=3.63	Dschg=1974	WEST VALLEY
Nassy=2	burnup=4.95	kinf=1.306	Enrch=2.50	Dschg=1974	VT YANKEE
Nassy=6	burnup=4.95	kinf=1.306	Enrch=2.50	Dschg=1974	VT YANKEE
Nassy=1	burnup=5.57	kinf=1.476	Enrch=3.92	Dschg=1975	LACROSSE
Nassy=1	burnup=3.71	kinf=1.263	Enrch=2.12	Dschg=1975	DUANE ARNOL
Nassy=1	burnup=3.78	kinf=1.280	Enrch=2.23	Dschg=1975	DRESDEN
Nassy=1	burnup=4.80	kinf=1.467	Enrch=3.54	Dschg=1976	BIG ROCK
Nassy=1	burnup=2.90	kinf=1.273	Enrch=2.11	Dschg=1976	BRUNSWICK
Nassy=1	burnup=3.30	kinf=1.267	Enrch=2.11	Dschg=1976	BRUNSWICK
Nassy=2	burnup=2.43	kinf=1.105	Enrch=1.11	Dschg=1976	BRUNSWICK
Nassy=2	burnup=3.05	kinf=1.320	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2	burnup=3.30	kinf=1.315	Enrch=2.40	Dschg=1976	HUMBOLDT BA
Nassy=4	burnup=2.43	kinf=1.329	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2	burnup=2.69	kinf=1.325	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=1	burnup=3.89	kinf=1.308	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=1	burnup=3.89	kinf=1.308	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2	burnup=4.34	kinf=1.301	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=1	burnup=1.31	kinf=1.346	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=1	burnup=12.04	kinf=1.407	Enrch=3.92	Dschg=1977	LACROSSE
Nassy=1	burnup=12.30	kinf=1.403	Enrch=3.93	Dschg=1977	LACROSSE
Nassy=1	burnup=7.61	kinf=1.476	Enrch=3.92	Dschg=1977	LACROSSE
Nassy=1	burnup=12.42	kinf=1.401	Enrch=3.92	Dschg=1977	LACROSSE
Nassy=5	burnup=3.65	kinf=1.282	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=2	burnup=3.35	kinf=1.287	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=4	burnup=3.35	kinf=1.287	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=2	burnup=3.08	kinf=1.291	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=3	burnup=4.00	kinf=1.277	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=1	burnup=4.00	kinf=1.277	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=21	burnup=4.97	kinf=1.263	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=2	burnup=4.97	kinf=1.263	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=3	burnup=4.97	kinf=1.263	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=1	burnup=4.53	kinf=1.269	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=22	burnup=4.53	kinf=1.269	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=4	burnup=3.58	kinf=1.019	Enrch=0.72	Dschg=1980	MATCH
Nassy=15	burnup=1.89	kinf=1.041	Enrch=0.72	Dschg=1980	MATCH
Nassy=1	burnup=1.89	kinf=1.041	Enrch=0.72	Dschg=1980	MATCH
Nassy=24	burnup=2.53	kinf=1.032	Enrch=0.72	Dschg=1980	MATCH
Nassy=1	burnup=2.53	kinf=1.032	Enrch=0.72	Dschg=1980	MATCH
Nassy=3	burnup=2.53	kinf=1.032	Enrch=0.72	Dschg=1980	MATCH
Nassy=15	burnup=2.83	kinf=1.028	Enrch=0.72	Dschg=1980	MATCH
Nassy=1	burnup=2.83	kinf=1.028	Enrch=0.72	Dschg=1980	MATCH
Nassy=8	burnup=4.31	kinf=1.009	Enrch=0.72	Dschg=1980	MATCH
Nassy=4	burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1980	MATCH
Nassy=8	burnup=3.15	kinf=1.024	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=8	burnup=4.11	kinf=1.012	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=21	burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=15	burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=12	burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=7	burnup=2.96	kinf=1.027	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=1	burnup=2.96	kinf=1.027	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=4	burnup=3.14	kinf=1.024	Enrch=0.72	Dschg=1985	LASALLE
Nassy=6	burnup=4.86	kinf=1.003	Enrch=0.72	Dschg=1985	LASALLE
Nassy=2	burnup=4.86	kinf=1.003	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8	burnup=2.92	kinf=1.027	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8	burnup=3.41	kinf=1.021	Enrch=0.72	Dschg=1985	LASALLE
Nassy=18	burnup=4.08	kinf=1.012	Enrch=0.72	Dschg=1985	LASALLE
Nassy=30	burnup=3.91	kinf=1.015	Enrch=0.72	Dschg=1985	LASALLE

Nassy=1 burnup=2.64	kinf=1.031	Enrch=0.72	Dschg=1985	LASALLE
Nassy=7 burnup=2.64	kinf=1.031	Enrch=0.72	Dschg=1985	LASALLE
Nassy=1 burnup=2.22	kinf=1.038	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=7 burnup=2.22	kinf=1.038	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=14 burnup=2.86	kinf=1.030	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=8 burnup=3.07	kinf=1.027	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=15 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=7 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=2 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=16 burnup=1.77	kinf=1.044	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=4 burnup=3.28	kinf=1.024	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=2 burnup=4.17	kinf=1.013	Enrch=0.73	Dschg=1986	SUSQUEHANNA
Nassy=37 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1987	LASALLE
Nassy=26 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1987	LASALLE
Nassy=28 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1987	LASALLE
Nassy=1 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1987	LASALLE
Nassy=18 burnup=5.00	kinf=1.487	Enrch=3.70	Dschg=1987	LACROSSE
Nassy=5 burnup=5.00	kinf=1.487	Enrch=3.70	Dschg=1987	LACROSSE
Nassy=1 burnup=5.00	kinf=1.488	Enrch=3.71	Dschg=1987	LACROSSE
Nassy=15 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	CLINTON
Nassy=33 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	CLINTON
Nassy=3 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	CLINTON
Nassy=1 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	CLINTON
Nassy=8 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	CLINTON
Nassy=16 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	CLINTON
Nassy=30 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	ENRICO FERM
Nassy=35 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	ENRICO FERM
Nassy=2 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	ENRICO FERM
Nassy=1 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	ENRICO FERM
Nassy=12 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	ENRICO FERM
Nassy=12 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1989	ENRICO FERM
No bin for s 154.361465 1.138013				
No bin for s 123.031021 1.221207				
No bin for s 161.838730 1.184421				
Nassy=33 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1990	NINE MILE P
Nassy=5 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1990	NINE MILE P
Nassy=14 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1990	NINE MILE P
Nassy=29 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1990	NINE MILE P
Nassy=1 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1990	NINE MILE P
Nassy=10 burnup=4.00	kinf=1.013	Enrch=0.72	Dschg=1990	NINE MILE P
No bin for s 135.289886 1.216874				
No bin for s 133.073761 1.219003				
Nassy=36 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1991	LIMERICK
Nassy=44 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1991	LIMERICK
Nassy=4 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1991	LIMERICK
Nassy=8 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1991	LIMERICK
Nassy=17 burnup=7.19	kinf=1.402	Enrch=3.35	Dschg=2009	NINE MILE P
Nassy=132 burnup=7.19	kinf=1.402	Enrch=3.35	Dschg=2009	NINE MILE P
Nassy=8 burnup=7.19	kinf=1.402	Enrch=3.35	Dschg=2009	NINE MILE P
Nassy=19 burnup=7.19	kinf=1.402	Enrch=3.35	Dschg=2009	NINE MILE P
Nassy=22 burnup=7.59	kinf=1.400	Enrch=3.38	Dschg=2009	OYSTER CRK
Nassy=38 burnup=7.59	kinf=1.400	Enrch=3.38	Dschg=2009	OYSTER CRK
Nassy=20 burnup=7.59	kinf=1.400	Enrch=3.38	Dschg=2009	OYSTER CRK
Nassy=10 burnup=6.41	kinf=1.443	Enrch=3.55	Dschg=2012	QUAD CITIES
Nassy=88 burnup=6.41	kinf=1.443	Enrch=3.55	Dschg=2012	QUAD CITIES
Nassy=32 burnup=6.41	kinf=1.443	Enrch=3.55	Dschg=2012	QUAD CITIES
Nassy=23 burnup=6.41	kinf=1.443	Enrch=3.55	Dschg=2012	QUAD CITIES
Nassy=43 burnup=6.61	kinf=1.438	Enrch=3.54	Dschg=2014	BRUNSWICK
Nassy=36 burnup=6.61	kinf=1.438	Enrch=3.54	Dschg=2014	BRUNSWICK
Nassy=8 burnup=6.61	kinf=1.438	Enrch=3.54	Dschg=2014	BRUNSWICK
Nassy=5 burnup=6.61	kinf=1.438	Enrch=3.54	Dschg=2014	BRUNSWICK

INPUT FILE LISTING:

#bins	Input_file	Output_file	Case_title	Last_delivery	
8	case9.wsm	finalw9.out	FINAL-W9	2045	
Type	Cap	Hmin	Hmax	Kmin	Knax
p	21	0	850	0.00	1.00
p	21	0	850	1.00	1.13
p	21	0	850	1.13	1.45
p	12	850	1500	0.00	1.02
s	12	0	1500	0.00	1.13
b	44	0	400	0.00	1.00
b	44	0	400	1.00	1.37
b	24	0	520	0.00	1.54

OUTPUT FILE LISTING:

FINAL-W9
8 Bins

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=0.00 Knax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	60	2.86	26.98
2011	81	3.86	36.11
2012	386	18.38	171.11
2013	607	28.90	265.51
2014	940	44.76	392.02
2015	1031	49.10	448.21
2016	1194	56.86	514.70
2017	899	42.81	389.64
2018	1088	51.81	468.24
2019	1022	48.67	442.90
2020	1053	50.14	458.81
2021	1290	61.43	557.52
2022	1277	60.81	551.40
2023	1234	58.76	533.01
2024	1310	62.38	575.96
2025	1233	58.71	522.97
2026	1284	61.14	558.85
2027	1598	76.10	685.46
2028	968	46.10	427.95
2029	1573	74.90	675.93
2030	469	22.33	204.57
2031	482	22.95	205.04
2032	134	6.38	55.86
2033	452	21.52	173.26
2034	1503	71.57	602.95
2035	1712	81.52	727.83
2036	1675	79.76	722.24
2037	1564	74.48	666.94
2038	1549	73.76	659.99
2039	2044	97.33	883.10
2040	2100	100.00	896.94
2041	1114	53.05	473.35

Bin Total 34926 1663.14 14975.36

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=1.00 Knax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	339	16.14	151.09
2011	551	26.24	237.07
2012	1169	55.67	507.56
2013	1956	93.14	848.18
2014	3136	149.33	1368.67

2015	3246	154.57	1398.22
2016	2737	130.33	1189.58
2017	3176	151.24	1380.04
2018	2773	132.05	1199.63
2019	2918	138.95	1264.78
2020	2884	137.33	1240.88
2021	2674	127.33	1159.38
2022	2736	130.29	1189.99
2023	2780	132.38	1198.37
2024	2478	118.00	1069.48
2025	2385	113.57	1033.36
2026	2685	127.86	1172.61
2027	1861	88.62	803.05
2028	2487	118.43	1089.35
2029	2647	126.05	1156.65
2030	3281	156.24	1421.85
2031	2421	115.29	1054.35
2032	1962	93.43	835.73
2033	1314	62.57	547.84
2034	2246	106.95	935.48
2035	1881	89.57	802.23
2036	2774	132.10	1172.46
2037	2908	138.48	1261.44
2038	2773	132.05	1170.48
2039	2739	130.43	1176.54
2040	2695	128.33	1156.75
2041	1127	53.67	476.43

Bin Total 75739 3606.62 32669.53

Type=p Cap=21 Nmin=0.0 Nmax=850.0 Kmin=1.13 Kmax=1.45

Year	Num_Assy	Num_Pkgs	NTU
2010	2	0.10	0.90
2011	96	4.57	44.46
2012	0	0.00	0.00
2013	188	8.95	77.85
2014	133	6.33	50.92
2015	6	0.29	2.54
2016	43	2.05	16.03
2017	60	2.86	24.00
2018	79	3.76	32.05
2019	135	6.43	54.08
2020	100	4.76	41.56
2021	48	2.29	21.04
2022	57	2.71	26.25
2023	240	11.43	106.23
2024	299	14.24	127.67
2025	83	3.95	35.36
2026	180	8.57	80.88
2027	489	23.29	212.61
2028	448	21.33	182.10
2029	183	8.71	80.33
2030	111	5.29	51.31
2031	466	22.19	205.33
2032	491	23.38	212.14
2033	568	27.05	194.07
2034	175	8.33	72.41
2035	240	11.43	93.37
2036	45	2.14	13.33
2037	35	1.67	15.44
2038	92	4.38	30.99
2039	68	3.24	24.86
2040	161	7.67	56.82
2041	103	4.90	47.52

Bin Total 5424 258.29 2234.44

Type=p Cap=12 Hmin=850.0 Hmax=1500.0 Kmin=0.00 Kmax=1.02

Year	Num_Assy	Num_Pkgs	MTU
2010	19	1.58	8.82
2011	19	1.58	8.06
2012	106	8.83	48.08
2013	269	22.42	122.34
2014	360	30.00	168.94
2015	256	21.33	115.23
2016	373	31.08	169.77
2017	374	31.17	174.29
2018	372	31.00	169.65
2019	409	34.08	190.34
2020	430	35.83	189.26
2021	344	28.67	155.12
2022	448	37.33	202.89
2023	292	24.33	129.96
2024	302	25.17	133.77
2025	374	31.17	166.01
2026	288	24.00	128.32
2027	315	26.25	138.87
2028	384	32.00	170.91
2029	561	46.75	251.74
2030	705	58.75	318.02
2031	848	70.67	371.16
2032	1121	93.42	481.06
2033	1100	91.67	482.56
2034	40	3.33	16.99
2035	66	5.50	30.09
2036	0	0.00	0.00
2037	38	3.17	17.44
2038	155	12.92	66.48
2039	0	0.00	0.00
2040	0	0.00	0.00
2041	4	0.33	1.82
Bin Total	10372	864.33	4628.00

Type=s Cap=12 Hmin=0.0 Hmax=1500.0 Kmin=0.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	81	6.75	43.60
2013	171	14.25	92.05
2014	0	0.00	0.00
2015	144	12.00	77.52
2016	87	7.25	46.83
2017	177	14.75	95.28
2018	144	12.00	77.52
2019	153	12.75	82.37
2020	90	7.50	48.47
2021	96	8.00	51.70
2022	123	10.25	66.37
2023	108	9.00	58.20
2024	114	9.50	61.37
2025	102	8.50	54.99
2026	246	20.50	132.80
2027	57	4.75	30.69
2028	74	6.17	40.00
2029	196	16.33	105.63
2030	171	14.25	92.24
2031	159	13.25	85.67
2032	180	15.00	96.90
2033	451	37.58	242.77
2034	9	0.75	4.85

2035	0	0.00	0.00
2036	0	0.00	0.00
2037	0	0.00	0.00
2038	0	0.00	0.00
2039	0	0.00	0.00
2040	168	14.00	90.44
2041	28	2.33	15.07

Bin Total	3329	277.42	1793.31
-----------	------	--------	---------

Type=b Cap=44 Nmin=0.0 Nmax=400.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	96	2.18	17.12
2011	544	12.36	93.47
2012	845	19.20	144.20
2013	940	21.36	162.38
2014	1617	36.75	280.45
2015	1470	33.41	257.19
2016	1780	40.45	306.81
2017	1436	32.64	250.92
2018	2143	48.70	370.47
2019	1366	31.05	237.69
2020	1505	34.20	263.57
2021	1438	32.68	254.37
2022	1660	37.73	290.43
2023	1653	37.57	293.91
2024	1887	42.89	332.40
2025	2393	54.39	414.21
2026	2198	49.95	380.51
2027	1916	43.55	333.23
2028	2206	50.14	386.26
2029	1226	27.86	214.19
2030	1585	36.02	275.59
2031	2309	52.48	404.05
2032	1592	36.18	274.62
2033	266	6.05	46.10
2034	537	12.20	94.62
2035	1329	30.20	239.27
2036	827	18.80	144.08
2037	716	16.27	126.02
2038	1307	29.70	225.34
2039	1198	27.23	208.04
2040	1334	30.32	230.99
2041	504	11.45	85.86

Bin Total	43823	995.98	7638.36
-----------	-------	--------	---------

Type=b Cap=44 Nmin=0.0 Nmax=400.0 Kmin=1.00 Kmax=1.37

Year	Num_Assy	Num_Pkgs	MTU
2010	476	10.82	85.02
2011	1040	23.64	184.62
2012	1663	37.80	297.20
2013	2316	52.64	410.88
2014	4220	95.91	737.58
2015	3875	88.07	693.88
2016	4181	95.02	750.71
2017	3887	88.34	702.99
2018	3747	85.16	676.67
2019	4001	90.93	734.34
2020	4171	94.80	773.93
2021	4176	94.91	771.01
2022	3452	78.45	618.07
2023	3712	84.36	674.86
2024	3657	83.11	653.46

2025	4151	94.34	732.99
2026	2929	66.57	517.77
2027	4058	92.23	719.86
2028	3818	86.77	681.62
2029	2998	68.14	535.50
2030	3431	77.98	618.83
2031	3047	69.25	535.01
2032	3650	82.95	639.57
2033	5167	117.43	900.37
2034	6660	151.36	1105.26
2035	5883	133.70	1053.68
2036	5326	121.05	960.36
2037	4817	109.48	875.79
2038	4860	110.45	860.22
2039	3901	88.66	697.49
2040	3261	74.11	574.10
2041	2621	59.57	466.50

Bin Total 119152 2708.00 21240.14

Type=b Cap=24 Nmin=0.0 Nmax=520.0 Kmin=0.00 Kmax=1.54

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	0	0.00	0.00
2014	0	0.00	0.00
2015	0	0.00	0.00
2016	0	0.00	0.00
2017	0	0.00	0.00
2018	0	0.00	0.00
2019	0	0.00	0.00
2020	0	0.00	0.00
2021	106	4.42	17.50
2022	344	14.33	58.93
2023	3	0.13	0.51
2024	176	7.33	29.86
2025	232	9.67	40.67
2026	153	6.38	26.16
2027	362	15.08	61.93
2028	92	3.83	16.38
2029	0	0.00	0.00
2030	0	0.00	0.00
2031	628	26.17	109.47
2032	1122	46.75	193.72
2033	1003	41.79	169.97
2034	492	20.50	80.73
2035	21	0.88	3.52
2036	12	0.50	1.56
2037	11	0.46	1.33
2038	15	0.63	1.80
2039	5	0.21	0.60
2040	0	0.00	0.00
2041	0	0.00	0.00

Bin Total 4777 199.04 814.65

Summary Table

Type	Cap	Num Assy	PctType	Num Pkg	MTU
p	21	34926	26.56	1663.14	14975.36
p	21	75739	57.59	3606.62	32669.53
p	21	5424	4.12	258.29	2234.44
p	12	10372	7.89	864.33	4628.00
s	12	3329	2.53	277.42	1793.31
b	44	43823	26.12	995.98	7638.36
b	44	119152	71.03	2708.00	21240.14

b	24	4777	2.85	199.04	814.65
b	1	0	0.00	0.00	0.00
p	1	1566	1.19	1566.00	686.49
s	1	167	0.13	167.00	90.04

Totals	299275	10572.82	86770.32
--------	--------	----------	----------

JUNK FILE LISTING:

Nassy=1 burnup=1.87	kinf=1.529	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.45	kinf=1.536	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.53	kinf=1.535	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=1 burnup=6.38	kinf=1.455	Enrch=3.63	Dschg=1969	WEST VALLEY
Nassy=2 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=3 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=8 burnup=0.34	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.18	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.36	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.23	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=10 burnup=0.34	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.22	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=7 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.77	kinf=1.260	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.86	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.85	kinf=1.257	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.79	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=11 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.34	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.46	kinf=1.270	Enrch=1.97	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.57	kinf=1.267	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.76	kinf=1.261	Enrch=1.94	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.23	kinf=1.279	Enrch=2.00	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.46	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.09	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.27	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.28	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.32	kinf=1.275	Enrch=1.99	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.11	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.42	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.23	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=11 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.15	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.44	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=20 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.291	Enrch=2.04	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.62	kinf=1.265	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.64	kinf=1.264	Enrch=1.95	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.83	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=22 burnup=1.83	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.83	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.13	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=18 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.78	kinf=1.260	Enrch=1.94	Dschg=1971	GE MORRIS (

Nassy=2 burnup=9.28	kinf=1.410 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=4.99	kinf=1.478 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=8.24	kinf=1.426 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=1.53	kinf=1.318 Enrch=2.26 Dschg=1971	DRESDEN
Nassy=1 burnup=4.49	kinf=1.250 Enrch=2.11 Dschg=1971	OYSTER CRK
Nassy=1 burnup=3.27	kinf=1.212 Enrch=1.78 Dschg=1972	GE MORRIS (
Nassy=22 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=36 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=8 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=15 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.13	kinf=1.217 Enrch=1.80 Dschg=1972	GE MORRIS (
Nassy=6 burnup=3.13	kinf=1.217 Enrch=1.80 Dschg=1972	GE MORRIS (
Nassy=26 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=8 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=44 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=10 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.77	kinf=1.249 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.28	kinf=1.271 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=2.73	kinf=1.279 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=7 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=23 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=9 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=4 burnup=2.84	kinf=1.277 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=40 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=15 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=21 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=33 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=11 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=24 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=10 burnup=4.64	kinf=1.172 Enrch=1.66 Dschg=1972	GE MORRIS (
Nassy=4 burnup=4.64	kinf=1.172 Enrch=1.66 Dschg=1972	GE MORRIS (
Nassy=1 burnup=8.59	kinf=1.421 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=9.12	kinf=1.413 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=8.73	kinf=1.419 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=2 burnup=4.86	kinf=1.239 Enrch=2.08 Dschg=1972	MILLSTONE
Nassy=4 burnup=6.45	kinf=1.454 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=8.75	kinf=1.418 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=7.35	kinf=1.440 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=3.88	kinf=1.262 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=2 burnup=4.96	kinf=1.246 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=1 burnup=1.05	kinf=1.365 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=0.97	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.32	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=12 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=2 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=7 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=2 burnup=4.00	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.05	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=4 burnup=1.16	kinf=1.364 Enrch=2.50 Dschg=1973	VT YANKEE

Nassy=6 burnup=4.66	kinf=1.311	Enrch=2.50	Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366	Enrch=2.50	Dschg=1973	VT YANKEE
Nassy=1 burnup=4.69	kinf=1.310	Enrch=2.50	Dschg=1973	VT YANKEE
Nassy=4 burnup=9.23	kinf=1.411	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=1 burnup=8.77	kinf=1.418	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=1 burnup=9.10	kinf=1.413	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=3 burnup=9.10	kinf=1.413	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=1 burnup=3.97	kinf=1.271	Enrch=2.19	Dschg=1973	PILGRIM
Nassy=1 burnup=2.63	kinf=1.290	Enrch=2.19	Dschg=1973	PILGRIM
Nassy=1 burnup=8.95	kinf=1.415	Enrch=3.63	Dschg=1974	WEST VALLEY
Nassy=1 burnup=8.15	kinf=1.428	Enrch=3.63	Dschg=1974	WEST VALLEY
Nassy=5 burnup=4.95	kinf=1.306	Enrch=2.50	Dschg=1974	VT YANKEE
Nassy=3 burnup=4.95	kinf=1.306	Enrch=2.50	Dschg=1974	VT YANKEE
No bin for p 5.884874 1.454020				
No bin for p 5.891600 1.454020				
Nassy=1 burnup=7.57	kinf=1.476	Enrch=3.92	Dschg=1975	LACROSSE
Nassy=1 burnup=3.71	kinf=1.263	Enrch=2.12	Dschg=1975	DUANE ARNOL
Nassy=1 burnup=3.78	kinf=1.280	Enrch=2.23	Dschg=1975	DRESDEN
Nassy=1 burnup=2.90	kinf=1.273	Enrch=2.11	Dschg=1976	BRUNSWICK
Nassy=1 burnup=3.30	kinf=1.267	Enrch=2.11	Dschg=1976	BRUNSWICK
Nassy=2 burnup=2.43	kinf=1.105	Enrch=1.11	Dschg=1976	BRUNSWICK
Nassy=2 burnup=3.05	kinf=1.320	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.30	kinf=1.315	Enrch=2.40	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.43	kinf=1.329	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.43	kinf=1.329	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.69	kinf=1.325	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.89	kinf=1.308	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=4.34	kinf=1.301	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=1.31	kinf=1.346	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=12.04	kinf=1.407	Enrch=3.92	Dschg=1977	LACROSSE
Nassy=1 burnup=12.30	kinf=1.403	Enrch=3.93	Dschg=1977	LACROSSE
Nassy=1 burnup=7.61	kinf=1.476	Enrch=3.92	Dschg=1977	LACROSSE
Nassy=1 burnup=12.42	kinf=1.401	Enrch=3.92	Dschg=1977	LACROSSE
Nassy=5 burnup=3.65	kinf=1.282	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=2 burnup=3.35	kinf=1.287	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=4 burnup=3.35	kinf=1.287	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=2 burnup=3.08	kinf=1.291	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=4 burnup=4.00	kinf=1.277	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=21 burnup=4.97	kinf=1.263	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=5 burnup=4.97	kinf=1.263	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=1 burnup=4.53	kinf=1.269	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=22 burnup=4.53	kinf=1.269	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=4 burnup=3.58	kinf=1.019	Enrch=0.72	Dschg=1980	HATCH
Nassy=10 burnup=1.89	kinf=1.041	Enrch=0.72	Dschg=1980	HATCH
Nassy=6 burnup=1.89	kinf=1.041	Enrch=0.72	Dschg=1980	HATCH
Nassy=8 burnup=2.53	kinf=1.032	Enrch=0.72	Dschg=1980	HATCH
Nassy=20 burnup=2.53	kinf=1.032	Enrch=0.72	Dschg=1980	HATCH
Nassy=10 burnup=2.83	kinf=1.028	Enrch=0.72	Dschg=1980	HATCH
Nassy=6 burnup=2.83	kinf=1.028	Enrch=0.72	Dschg=1980	HATCH
Nassy=8 burnup=4.31	kinf=1.009	Enrch=0.72	Dschg=1980	HATCH
Nassy=4 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1980	HATCH
Nassy=5 burnup=3.15	kinf=1.024	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=3 burnup=3.15	kinf=1.024	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=4.11	kinf=1.012	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=33 burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=12 burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=3 burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=2.96	kinf=1.027	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=4 burnup=3.14	kinf=1.024	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=4.86	kinf=1.003	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=2.92	kinf=1.027	Enrch=0.72	Dschg=1985	LASALLE
Nassy=6 burnup=3.41	kinf=1.021	Enrch=0.72	Dschg=1985	LASALLE
Nassy=2 burnup=3.41	kinf=1.021	Enrch=0.72	Dschg=1985	LASALLE
Nassy=18 burnup=4.08	kinf=1.012	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=3.91	kinf=1.015	Enrch=0.72	Dschg=1985	LASALLE
Nassy=22 burnup=3.91	kinf=1.015	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=2.64	kinf=1.031	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=2.22	kinf=1.038	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=14 burnup=2.86	kinf=1.030	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=3 burnup=3.07	kinf=1.027	Enrch=0.73	Dschg=1986	WASH NUCLEA

Nassy=5 burnup=3.07	kinf=1.027 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=31 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=11 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=16 burnup=1.77	kinf=1.044 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=4 burnup=3.28	kinf=1.024 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=22 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=4 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=8 burnup=3.09	kinf=1.026 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=8 burnup=2.76	kinf=1.030 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=12 burnup=3.50	kinf=1.020 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=7 burnup=3.98	kinf=1.015 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=15 burnup=3.98	kinf=1.015 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=8 burnup=4.72	kinf=1.006 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=10 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=1 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=43 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=18 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=20 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=2 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=40 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=21 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=23 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=5 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=1 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=15 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=8 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=1 burnup=5.00	kinf=1.488 Enrch=3.71 Dschg=1987	LACROSSE
Nassy=16 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=24 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=20 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=14 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=2 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=33 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=27 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=17 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=15 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=37 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=7 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=32 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=6 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=2 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=9 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=35 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=9 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=31 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
No bin for s 130.088852	1.163861	
No bin for s 101.173691	1.251277	
No bin for s 134.107834	1.213784	
Nassy=28 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=2 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=42 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=2 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=18 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
No bin for s 132.779495	1.154404	
No bin for s 132.779495	1.154404	
No bin for s 132.779495	1.154404	
No bin for s 130.847900	1.154404	
No bin for s 130.847900	1.154404	
No bin for s 130.847900	1.154404	
No bin for s 127.141541	1.154404	
No bin for s 207.901642	1.134369	
No bin for s 207.863388	1.134369	
No bin for s 207.837891	1.134369	
No bin for s 115.289902	1.241480	
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	SUSQUEHANNA
Nassy=41 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=38 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=6 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=7 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=1 burnup=1.97	kinf=1.483 Enrch=3.34 Dschg=1994	RVR BEND

No bin for p 880.856750 1.021892
 No bin for p 880.856750 1.021892
 No bin for p 882.116028 1.021649
 No bin for p 882.116028 1.021649
 No bin for p 882.116028 1.021649
 No bin for p 882.116028 1.021649
 No bin for p 884.637085 1.021164
 No bin for p 884.637085 1.021164
 No bin for p 884.637024 1.021164
 Nassy=8 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=25 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=19 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=25 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=19 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=25 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=19 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=25 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=11 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=4 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=12 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=32 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=12 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=20 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 age=9 , mass= 2.166000
 age=9 , mass= 0.722000
 age=9 , mass= 5.776000
 Nassy=32 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=132 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=25 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=3 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=2 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=20 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=4 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=24 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=16 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=8 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=24 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=12 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=12 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=24 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=7 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 No bin for p 887.186035 1.020675
 Nassy=19 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK
 Nassy=16 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK
 Nassy=8 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK
 Nassy=24 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK
 Nassy=12 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK
 Nassy=12 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK
 Nassy=1 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK
 No bin for p 888.449402 1.020434
 No bin for p 888.449341 1.020434
 age=9 , mass= 0.456000
 age=9 , mass= 2.153000
 age=9 , mass= 6.460000
 age=9 , mass= 4.306000
 age=9 , mass= 2.153000
 age=9 , mass= 2.153000
 age=9 , mass= 2.153000
 age=9 , mass= 1.077000
 age=9 , mass= 1.077000
 age=9 , mass= 1.077000
 age=9 , mass= 3.230000
 age=9 , mass= 6.843000
 age=9 , mass= 2.281000
 age=9 , mass= 0.912000
 age=9 , mass= 6.387000
 age=9 , mass= 3.650000
 age=9 , mass= 5.931000
 age=9 , mass= 5.018000
 age=9 , mass= 4.503000

age=9 , mass= 2.866000
 age=9 , mass= 17.194000
 age=9 , mass= 1.228000
 age=9 , mass= 2.281000
 age=9 , mass= 1.369000
 age=9 , mass= 8.211000
 age=9 , mass= 1.369000
 age=9 , mass= 8.211000
 age=9 , mass= 1.369000
 age=9 , mass= 0.912000
 age=9 , mass= 7.299000
 age=9 , mass= 1.369000
 age=9 , mass= 1.369000
 age=9 , mass= 0.818000
 age=9 , mass= 2.454000
 age=9 , mass= 2.454000
 age=9 , mass= 2.915000
 age=9 , mass= 2.632000
 age=9 , mass= 2.082000
 age=9 , mass= 1.249000
 age=9 , mass= 4.164000
 age=9 , mass= 4.498000
 age=9 , mass= 6.951000
 age=9 , mass= 1.755000
 age=9 , mass= 1.316000
 age=9 , mass= 0.928000
 age=9 , mass= 8.352000
 age=9 , mass= 1.269000
 age=9 , mass= 8.883000
 age=9 , mass= 0.846000
 age=9 , mass= 6.768000
 age=9 , mass= 1.269000
 age=9 , mass= 2.961000
 age=9 , mass= 1.269000
 age=9 , mass= 2.682000
 age=9 , mass= 0.335000
 age=9 , mass= 7.039000
 age=9 , mass= 0.335000
 age=9 , mass= 2.514000
 age=9 , mass= 4.675000
 age=9 , mass= 0.425000
 age=9 , mass= 0.425000
 age=9 , mass= 6.375000
 age=9 , mass= 2.125000
 age=9 , mass= 1.700000
 age=9 , mass= 7.225000
 age=9 , mass= 2.975000
 age=9 , mass= 7.020000
 age=9 , mass= 0.900000
 age=9 , mass= 7.020000
 age=9 , mass= 0.900000
 age=9 , mass= 7.020000
 age=9 , mass= 0.890000
 age=9 , mass= 7.828000
 age=9 , mass= 4.092000
 age=9 , mass= 1.601000
 age=9 , mass= 2.136000
 age=9 , mass= 4.806000
 age=9 , mass= 3.026000
 age=9 , mass= 1.243000
 age=9 , mass= 0.890000
 Nassy=5 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 age=9 , mass= 7.476000
 Nassy=42 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 age=9 , mass= 0.356000
 Nassy=2 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 age=9 , mass= 7.832000
 Nassy=44 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 age=9 , mass= 2.670000
 Nassy=15 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE

age=9 , mass= 5.162000
Nassy=29 burrup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
age=9 , mass= 4.806000
Nassy=27 burrup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
age=9 , mass= 0.890000
age=9 , mass= 2.136000
age=9 , mass= 7.832000
age=9 , mass= 0.890000
age=9 , mass= 6.764000
age=9 , mass= 0.178000
age=9 , mass= 3.916000
age=9 , mass= 3.916000
age=9 , mass= 6.942000
age=9 , mass= 0.890000
age=9 , mass= 7.832000
age=9 , mass= 2.136000
age=9 , mass= 5.696000
age=9 , mass= 4.094000
age=9 , mass= 1.068000
age=9 , mass= 2.670000
age=9 , mass= 7.832000
age=9 , mass= 0.356000
age=9 , mass= 6.586000
age=9 , mass= 0.890000
age=9 , mass= 3.382000
age=9 , mass= 4.450000
age=9 , mass= 6.408000
age=9 , mass= 1.424000
age=9 , mass= 7.832000
age=9 , mass= 1.602000
age=9 , mass= 6.230000
age=9 , mass= 1.958000
age=9 , mass= 3.825000
age=9 , mass= 2.975000
age=9 , mass= 3.520000
age=9 , mass= 0.704000
age=9 , mass= 7.040000
age=9 , mass= 3.696000
age=9 , mass= 4.048000
age=9 , mass= 6.688000
age=9 , mass= 1.056000
age=9 , mass= 7.744000
age=9 , mass= 1.936000
age=9 , mass= 5.808000
age=9 , mass= 4.928000
age=9 , mass= 2.816000
age=9 , mass= 7.744000
age=9 , mass= 0.176000
age=9 , mass= 2.640000
age=9 , mass= 4.928000
age=9 , mass= 3.168000
age=9 , mass= 4.576000
age=9 , mass= 6.160000
age=9 , mass= 1.584000
age=9 , mass= 7.744000
age=9 , mass= 1.408000
age=9 , mass= 6.336000
age=9 , mass= 4.400000
age=9 , mass= 3.344000
age=9 , mass= 0.704000
age=9 , mass= 6.688000
age=9 , mass= 0.352000
age=9 , mass= 7.744000
age=9 , mass= 2.640000
age=9 , mass= 5.104000
age=9 , mass= 5.632000
age=9 , mass= 2.112000
age=9 , mass= 5.632000
age=9 , mass= 3.448000
age=9 , mass= 4.999000

age=9 , mass= 2.586000
age=9 , mass= 7.585000
age=9 , mass= 0.345000
age=9 , mass= 7.241000
age=9 , mass= 3.276000
age=9 , mass= 4.310000
age=9 , mass= 4.137000
age=9 , mass= 2.069000
age=9 , mass= 1.379000
age=9 , mass= 7.586000
age=9 , mass= 1.552000
age=9 , mass= 6.034000
age=9 , mass= 4.482000
age=9 , mass= 3.103000
age=9 , mass= 7.413000
age=9 , mass= 0.172000
age=9 , mass= 5.517000
age=9 , mass= 2.069000
age=9 , mass= 2.758000
age=9 , mass= 4.827000
age=9 , mass= 5.689000
age=9 , mass= 1.896000
age=9 , mass= 7.585000
age=9 , mass= 1.034000
age=9 , mass= 6.551000
age=9 , mass= 3.965000
age=9 , mass= 2.241000
age=9 , mass= 1.379000
age=9 , mass= 6.896000
age=9 , mass= 0.836000
age=9 , mass= 4.598000
age=9 , mass= 5.434000
age=9 , mass= 3.344000
age=9 , mass= 6.688000
age=9 , mass= 2.090000
age=9 , mass= 0.418000
age=9 , mass= 7.524000
age=9 , mass= 0.836000
age=9 , mass= 8.778000
age=9 , mass= 0.418000
age=9 , mass= 8.360000
age=9 , mass= 0.836000
age=9 , mass= 0.836000
age=9 , mass= 7.106000
age=9 , mass= 2.926000
age=9 , mass= 4.598000
age=9 , mass= 1.242000
age=9 , mass= 4.438000
age=9 , mass= 3.372000
age=9 , mass= 1.775000
age=9 , mass= 6.035000
age=9 , mass= 4.438000
age=9 , mass= 3.374000
age=9 , mass= 7.814000
age=9 , mass= 1.871000
age=9 , mass= 0.876000
age=9 , mass= 0.351000
age=9 , mass= 1.577000
age=9 , mass= 0.462000
age=9 , mass= 3.199000
age=9 , mass= 5.484000
age=9 , mass= 0.914000
age=9 , mass= 2.495000
age=9 , mass= 0.178000
age=9 , mass= 3.213000
age=9 , mass= 2.856000
age=9 , mass= 4.820000
age=9 , mass= 0.179000
age=9 , mass= 3.749000
age=9 , mass= 2.499000

age=9 , mass= 1.600000
 age=9 , mass= 2.845000
 age=9 , mass= 0.439000
 age=9 , mass= 5.267000
 age=9 , mass= 0.439000
 age=9 , mass= 1.756000
 age=9 , mass= 1.317000
 age=9 , mass= 1.755000
 age=9 , mass= 1.312000
 age=9 , mass= 3.062000
 age=9 , mass= 5.249000
 age=9 , mass= 2.187000
 age=9 , mass= 2.196000
 age=9 , mass= 4.831000
 age=9 , mass= 2.315000
 No bin for p 860.316284 1.037111
 age=9 , mass= 2.778000
 No bin for p 860.316345 1.037111
 age=9 , mass= 2.778000
 age=9 , mass= 0.926000
 age=9 , mass= 3.241000
 No bin for p 936.022034 1.022428
 age=9 , mass= 1.389000
 No bin for p 936.022095 1.022428
 age=9 , mass= 1.852000
 No bin for p 936.022034 1.022428
 age=9 , mass= 1.389000
 age=9 , mass= 2.315000
 No bin for p 884.535889 1.032072
 age=9 , mass= 5.093000
 No bin for p 884.535889 1.032072
 age=9 , mass= 0.463000
 No bin for p 884.535889 1.032072
 age=9 , mass= 5.556000
 No bin for p 884.535950 1.032072
 age=9 , mass= 2.778000
 No bin for p 884.535950 1.032072
 age=9 , mass= 5.499000
 age=9 , mass= 2.538000
 age=9 , mass= 8.883000
 age=9 , mass= 5.076000
 age=9 , mass= 7.755000
 age=9 , mass= 9.580000
 age=9 , mass= 6.387000
 age=8 , mass= 3.392000
 age=8 , mass= 2.544000
 age=8 , mass= 1.696000
 age=8 , mass= 0.848000
 age=8 , mass= 0.424000
 age=8 , mass= 1.696000
 age=8 , mass= 2.968000
 age=8 , mass= 5.088000
 age=8 , mass= 2.120000
 age=8 , mass= 0.848000
 age=8 , mass= 2.120000
 age=8 , mass= 5.088000
 age=8 , mass= 0.848000
 age=9 , mass= 0.848000
 age=8 , mass= 6.460000
 age=8 , mass= 2.153000
 age=8 , mass= 2.153000
 age=8 , mass= 8.613000
 age=8 , mass= 0.538000
 age=9 , mass= 4.845000
 age=9 , mass= 1.077000
 age=9 , mass= 0.538000
 age=9 , mass= 4.306000
 age=8 , mass= 1.247000
 age=8 , mass= 4.987000
 age=8 , mass= 3.324000

age=9 , mass= 0.831000
age=9 , mass= 6.015000
age=9 , mass= 2.807000
age=9 , mass= 3.609000
age=9 , mass= 2.807000
age=9 , mass= 3.208000
age=9 , mass= 1.203000
age=8 , mass= 4.917000
age=8 , mass= 5.795000
age=8 , mass= 1.932000
age=8 , mass= 7.200000
age=8 , mass= 0.527000
age=9 , mass= 1.054000
age=9 , mass= 3.337000
age=8 , mass= 1.692000
age=8 , mass= 4.230000
age=9 , mass= 2.115000
age=9 , mass= 2.961000
age=9 , mass= 5.076000
age=9 , mass= 2.115000
age=8 , mass= 0.846000
age=8 , mass= 2.961000
age=8 , mass= 3.384000
age=8 , mass= 6.843000
age=8 , mass= 1.369000
age=8 , mass= 4.562000
age=8 , mass= 3.650000
age=8 , mass= 1.369000
age=8 , mass= 8.212000
age=8 , mass= 1.369000
age=8 , mass= 1.825000
age=8 , mass= 7.755000
age=8 , mass= 1.825000
age=8 , mass= 7.755000
age=8 , mass= 0.912000
age=8 , mass= 7.299000
age=8 , mass= 1.369000
age=8 , mass= 8.212000
age=8 , mass= 1.369000
age=8 , mass= 0.456000
age=8 , mass= 7.756000
age=8 , mass= 1.369000
age=8 , mass= 1.825000
age=8 , mass= 7.756000
age=8 , mass= 1.825000
age=8 , mass= 1.369000
age=9 , mass= 0.846000
age=9 , mass= 17.766001
age=9 , mass= 3.384000
age=9 , mass= 1.692000
age=9 , mass= 2.538000
age=9 , mass= 0.517000
age=9 , mass= 2.414000
age=9 , mass= 5.172000
age=9 , mass= 1.034000
age=9 , mass= 4.310000
age=9 , mass= 2.241000
age=9 , mass= 7.586000
age=9 , mass= 0.690000
age=9 , mass= 6.896000
age=9 , mass= 3.620000
age=9 , mass= 0.172000
age=9 , mass= 0.690000
age=9 , mass= 0.410000
age=9 , mass= 1.229000
age=9 , mass= 7.369000
age=9 , mass= 17.194000
age=9 , mass= 5.731000
age=9 , mass= 1.228000
age=9 , mass= 3.271000

age=9, mass= 2.454000
 age=9, mass= 2.632000
 age=9, mass= 2.915000
 age=9, mass= 2.194000
 age=9, mass= 4.387000
 age=9, mass= 0.818000
 age=9, mass= 4.907000
 age=9, mass= 3.680000
 age=9, mass= 2.044000
 age=9, mass= 4.164000
 age=9, mass= 2.498000
 age=9, mass= 0.833000
 age=9, mass= 0.379000
 age=9, mass= 5.042000
 age=9, mass= 11.000000
 age=9, mass= 2.750000
 age=9, mass= 2.292000
 age=9, mass= 0.442000
 age=9, mass= 0.442000
 age=9, mass= 1.769000
 age=8, mass= 3.860000
 age=9, mass= 2.316000
 age=9, mass= 5.790000
 age=9, mass= 3.474000
 age=9, mass= 4.632000
 age=9, mass= 4.632000
 age=9, mass= 3.088000
 age=9, mass= 0.386000
 age=9, mass= 5.790000
 age=9, mass= 1.544000
 age=9, mass= 0.772000
 age=9, mass= 6.948000
 age=9, mass= 1.158000
 age=9, mass= 8.106000
 age=9, mass= 6.176000
 age=9, mass= 1.930000
 age=9, mass= 1.158000
 age=9, mass= 6.948000
 age=9, mass= 2.316000
 age=9, mass= 5.790000
 age=9, mass= 3.474000
 age=9, mass= 3.474000
 age=9, mass= 2.968000
 age=9, mass= 8.056000
 age=9, mass= 0.848000
 age=9, mass= 1.696000
 age=9, mass= 3.392000
 age=9, mass= 2.544000
 age=9, mass= 1.272000
 age=9, mass= 2.120000
 age=9, mass= 1.272000
 age=9, mass= 1.696000
 age=9, mass= 5.936000
 age=9, mass= 4.640000
 age=9, mass= 2.320000
 age=9, mass= 1.392000
 age=9, mass= 6.032000
 age=9, mass= 5.104000
 age=9, mass= 4.640000
 age=9, mass= 4.176000
 age=9, mass= 2.320000
 age=9, mass= 3.248000
 age=9, mass= 2.320000
 age=9, mass= 3.632000
 No bin for p 883.696716 1.026480
 age=9, mass= 2.724000
 No bin for p 883.696716 1.026480
 age=9, mass= 5.448000
 No bin for p 883.696716 1.026480
 age=9, mass= 1.362000

No bin for p 883.696716 1.026480
age=9 , mass= 4.086000
No bin for p 883.696716 1.026480
age=9 , mass= 5.448000
No bin for p 883.696716 1.026480
age=9 , mass= 0.908000
No bin for p 883.696716 1.026480
age=9 , mass= 3.178000
age=9 , mass= 5.448000
age=9 , mass= 1.362000
age=9 , mass= 2.153000
age=9 , mass= 4.306000
age=9 , mass= 1.077000
age=9 , mass= 1.077000
age=9 , mass= 2.153000
age=9 , mass= 4.307000
age=9 , mass= 6.460000
age=9 , mass= 4.306000
age=9 , mass= 2.153000
age=9 , mass= 2.153000
age=8 , mass= 1.392000
age=8 , mass= 1.392000
age=8 , mass= 5.568000
age=8 , mass= 1.392000
No bin for p 856.252441 1.024948
age=9 , mass= 5.104000
age=9 , mass= 0.851000
age=9 , mass= 4.933000
age=9 , mass= 2.552000
age=9 , mass= 22.452999
age=9 , mass= 3.912000
age=9 , mass= 2.499000
age=9 , mass= 0.416000
age=9 , mass= 3.680000
age=9 , mass= 0.818000
age=9 , mass= 1.227000
age=9 , mass= 7.495000
age=9 , mass= 0.409000
age=9 , mass= 8.178000
age=9 , mass= 1.636000
age=9 , mass= 1.227000
age=9 , mass= 2.632000
age=9 , mass= 3.510000
age=9 , mass= 3.071000
age=9 , mass= 1.638000
age=9 , mass= 25.792000
age=9 , mass= 3.275000
age=9 , mass= 2.456000
age=8 , mass= 2.538000
age=8 , mass= 2.961000
age=8 , mass= 5.922000
age=8 , mass= 7.191000
age=9 , mass= 6.480000
age=9 , mass= 0.720000
age=9 , mass= 7.200000
age=9 , mass= 0.720000
age=9 , mass= 7.020000
age=9 , mass= 0.180000
age=9 , mass= 0.720000
age=9 , mass= 7.200000
age=9 , mass= 0.720000
age=9 , mass= 1.260000
age=9 , mass= 4.675000
age=9 , mass= 2.975000
age=9 , mass= 5.950000
age=9 , mass= 2.975000
age=9 , mass= 5.100000
age=9 , mass= 0.850000
age=9 , mass= 1.700000
age=9 , mass= 0.425000

age=9 , mass= 3.914000
age=9 , mass= 3.736000
age=9 , mass= 4.092000
age=9 , mass= 2.669000
age=9 , mass= 1.065000
age=9 , mass= 3.374000
age=9 , mass= 0.712000
age=9 , mass= 3.738000
age=9 , mass= 4.094000
age=9 , mass= 1.785000
age=9 , mass= 4.106000
age=9 , mass= 3.749000
age=9 , mass= 7.140000
age=9 , mass= 0.714000
age=9 , mass= 7.854000
age=9 , mass= 2.321000
age=9 , mass= 5.534000
age=9 , mass= 5.355000
age=9 , mass= 2.499000
age=9 , mass= 7.854000
age=9 , mass= 0.535000
age=9 , mass= 5.534000
age=9 , mass= 1.785000
age=9 , mass= 3.570000
age=9 , mass= 4.284000
age=9 , mass= 6.604000
age=9 , mass= 1.250000
age=9 , mass= 7.854000
age=9 , mass= 1.785000
age=9 , mass= 6.069000
age=9 , mass= 4.819000
age=9 , mass= 3.034000
age=9 , mass= 0.357000
age=9 , mass= 7.497000
age=9 , mass= 7.854000
age=9 , mass= 3.035000
age=9 , mass= 4.819000
age=9 , mass= 6.069000
age=9 , mass= 1.785000
age=9 , mass= 7.854000
age=9 , mass= 1.071000
age=9 , mass= 3.687000
age=9 , mass= 3.520000
age=9 , mass= 6.704000
age=9 , mass= 0.670000
age=9 , mass= 7.374000
age=9 , mass= 2.179000
age=9 , mass= 5.196000
age=9 , mass= 0.838000
age=9 , mass= 4.190000
age=9 , mass= 2.346000
age=9 , mass= 7.374000
age=9 , mass= 0.503000
age=9 , mass= 6.871000
age=9 , mass= 2.849000
age=9 , mass= 0.503000
age=9 , mass= 4.022000
age=9 , mass= 6.201000
age=9 , mass= 1.173000
age=9 , mass= 5.531000
age=9 , mass= 1.844000
age=9 , mass= 1.676000
age=9 , mass= 5.698000
age=9 , mass= 4.525000
age=9 , mass= 2.849000
age=9 , mass= 3.520000
age=9 , mass= 3.855000
age=9 , mass= 7.374000
age=9 , mass= 2.849000
age=9 , mass= 4.525000

age=9 , mass= 5.698000
age=9 , mass= 1.676000
age=9 , mass= 7.374000
age=9 , mass= 1.173000
age=9 , mass= 1.676000
age=8 , mass= 3.552000
age=8 , mass= 1.776000
age=8 , mass= 7.814000
age=8 , mass= 1.243000
age=8 , mass= 3.197000
age=8 , mass= 3.372000
age=8 , mass= 2.307000
age=8 , mass= 1.952000
age=8 , mass= 3.550000
age=8 , mass= 7.277000
age=9 , mass= 0.710000
age=9 , mass= 2.130000
age=8 , mass= 0.175000
age=8 , mass= 5.778000
age=8 , mass= 2.626000
age=8 , mass= 1.227000
age=8 , mass= 0.526000
age=8 , mass= 4.204000
age=8 , mass= 1.401000
age=8 , mass= 0.701000
age=8 , mass= 2.103000
age=8 , mass= 8.412000
age=8 , mass= 0.175000
age=8 , mass= 1.577000
age=8 , mass= 0.462000
age=8 , mass= 4.570000
age=8 , mass= 2.285000
age=8 , mass= 1.828000
age=8 , mass= 5.484000
age=8 , mass= 0.457000
age=8 , mass= 3.199000
age=8 , mass= 1.828000
age=8 , mass= 4.570000
age=9 , mass= 4.828000
age=9 , mass= 3.072000
age=9 , mass= 2.187000
age=9 , mass= 0.437000
age=9 , mass= 4.811000
age=9 , mass= 3.936000
age=9 , mass= 1.317000
age=9 , mass= 0.439000
age=9 , mass= 1.317000
age=9 , mass= 1.312000
age=9 , mass= 2.205000
age=9 , mass= 5.291000
age=9 , mass= 0.441000
age=9 , mass= 1.323000
age=8 , mass= 3.103000
age=8 , mass= 6.551000
age=8 , mass= 1.034000
age=8 , mass= 7.586000
age=8 , mass= 1.896000
age=8 , mass= 5.689000
age=8 , mass= 4.827000
age=8 , mass= 2.758000
age=8 , mass= 5.862000
age=8 , mass= 1.724000
Nassy=10 burnup=10.67 kinf=1.402 Enrch=3.73 Dschg=2024 SUSQUEHANNA
age=8 , mass= 0.172000
Nassy=1 burnup=10.67 kinf=1.402 Enrch=3.73 Dschg=2024 SUSQUEHANNA
age=8 , mass= 7.069000
Nassy=41 burnup=10.67 kinf=1.402 Enrch=3.73 Dschg=2024 SUSQUEHANNA
age=8 , mass= 0.345000
age=8 , mass= 3.103000
age=8 , mass= 1.034000

age=8 , mass= 8.275000
 age=8 , mass= 1.207000
 age=8 , mass= 2.931000
 age=8 , mass= 4.138000
 age=8 , mass= 3.448000
 age=8 , mass= 0.690000
 age=8 , mass= 8.275000
 age=8 , mass= 1.552000
 age=8 , mass= 5.689000
 age=8 , mass= 0.345000
 age=8 , mass= 4.482000
 age=8 , mass= 7.413000
 age=8 , mass= 3.103000
 age=8 , mass= 4.482000
 age=8 , mass= 6.034000
 age=8 , mass= 1.552000
 age=8 , mass= 7.586000
 age=8 , mass= 1.379000
 age=8 , mass= 6.206000
 age=8 , mass= 0.172000
 age=8 , mass= 1.269000
 age=8 , mass= 4.230000
 age=9 , mass= 3.384000
 age=9 , mass= 2.961000
 age=8 , mass= 4.653000
 age=8 , mass= 7.614000
 age=8 , mass= 1.269000
 age=8 , mass= 7.191000
 age=9 , mass= 4.237000
 age=9 , mass= 2.712000
 age=9 , mass= 2.034000
 age=9 , mass= 2.032000
 age=9 , mass= 0.677000
 age=9 , mass= 3.386000
 age=9 , mass= 4.063000
 age=9 , mass= 4.063000
 age=9 , mass= 3.380000
 age=9 , mass= 0.676000
 age=9 , mass= 4.056000
 age=9 , mass= 2.704000
 age=9 , mass= 1.352000
 age=9 , mass= 4.056000
 age=9 , mass= 1.014000
 age=8 , mass= 0.912000
 age=8 , mass= 9.580000
 age=8 , mass= 1.369000
 age=8 , mass= 8.211000
 age=8 , mass= 2.737000
 age=9 , mass= 0.912000
 age=9 , mass= 1.369000
 age=9 , mass= 8.667000
 age=8 , mass= 2.968000
 age=8 , mass= 5.088000
 age=8 , mass= 0.848000
 age=8 , mass= 2.968000
 No bin for p 883.116028 1.021671
 age=8 , mass= 1.272000
 age=8 , mass= 10.176000
 age=8 , mass= 0.424000
 age=8 , mass= 4.664000
 age=8 , mass= 1.272000
 age=8 , mass= 1.696000
 age=8 , mass= 2.153000
 age=8 , mass= 5.921000
 age=8 , mass= 0.538000
 age=8 , mass= 5.383000
 age=8 , mass= 1.077000
 age=8 , mass= 5.921000
 age=8 , mass= 0.538000
 age=8 , mass= 3.230000

age=8 , mass= 2.691000
age=9 , mass= 2.153000
age=9 , mass= 1.077000
age=7 , mass= 3.241000
No bin for p 984.438965 1.042830
age=8 , mass= 1.852000
No bin for p 913.558777 1.039771
age=8 , mass= 2.778000
age=8 , mass= 0.926000
age=8 , mass= 1.852000
No bin for p 939.478638 1.034804
age=8 , mass= 2.778000
No bin for p 939.478699 1.034804
age=8 , mass= 5.556000
No bin for p 939.478699 1.034804
age=8 , mass= 2.778000
No bin for p 939.478699 1.034804
age=9 , mass= 2.315000
No bin for p 885.742493 1.031826
age=9 , mass= 0.926000
No bin for p 885.742493 1.031826
age=9 , mass= 3.241000
age=9 , mass= 1.389000
No bin for p 937.383484 1.022188
age=9 , mass= 3.241000
No bin for p 937.383423 1.022188
age=9 , mass= 1.852000
No bin for p 937.383423 1.022188
age=9 , mass= 0.463000
age=9 , mass= 0.926000
age=8 , mass= 1.692000
age=8 , mass= 8.883000
age=8 , mass= 2.961000
age=8 , mass= 5.922000
age=8 , mass= 4.230000
age=8 , mass= 0.846000
age=8 , mass= 1.692000
age=9 , mass= 0.846000
age=9 , mass= 5.076000
age=9 , mass= 0.423000
age=8 , mass= 2.866000
age=8 , mass= 25.791000
age=8 , mass= 0.819000
age=8 , mass= 3.275000
age=8 , mass= 1.638000
age=8 , mass= 2.632000
age=8 , mass= 4.164000
age=8 , mass= 1.249000
age=8 , mass= 2.082000
age=8 , mass= 2.862000
age=8 , mass= 3.680000
age=8 , mass= 1.227000
age=8 , mass= 3.680000
age=8 , mass= 1.316000
age=8 , mass= 3.949000
age=9 , mass= 1.316000
age=9 , mass= 2.915000
age=9 , mass= 0.818000
age=9 , mass= 4.907000
age=8 , mass= 1.310000
age=8 , mass= 1.310000
age=8 , mass= 0.463000
age=8 , mass= 16.681999
age=8 , mass= 4.171000
age=9 , mass= 0.374000
age=8 , mass= 5.936000
age=8 , mass= 1.272000
age=8 , mass= 0.424000
age=8 , mass= 3.392000
age=8 , mass= 8.056000

age=9 , mass= 0.848000
age=9 , mass= 0.848000
age=9 , mass= 1.272000
age=9 , mass= 2.544000
age=9 , mass= 3.392000
age=9 , mass= 1.696000
age=9 , mass= 0.848000
age=8 , mass= 2.975000
age=8 , mass= 0.425000
age=8 , mass= 8.500000
age=8 , mass= 1.700000
age=8 , mass= 7.225000
age=8 , mass= 2.975000
age=8 , mass= 5.950000
age=8 , mass= 4.250000
age=8 , mass= 1.700000
age=8 , mass= 2.975000
age=8 , mass= 5.525000
age=8 , mass= 3.400000
age=8 , mass= 5.525000
age=8 , mass= 1.275000
No bin for p 852.709961 1.021672
age=8 , mass= 2.125000
No bin for p 852.710022 1.021672
age=8 , mass= 5.100000
No bin for p 852.709961 1.021672
age=8 , mass= 2.975000
No bin for p 852.709961 1.021672
age=8 , mass= 2.125000
No bin for p 852.710022 1.021672
age=8 , mass= 5.100000
No bin for p 852.709961 1.021672
age=8 , mass= 2.975000
No bin for p 852.709961 1.021672
age=8 , mass= 2.125000
No bin for p 852.710022 1.021672
age=8 , mass= 5.100000
No bin for p 852.709961 1.021672
age=7 , mass= 0.850000
age=7 , mass= 29.937000
age=7 , mass= 0.510000
age=7 , mass= 6.974000
age=7 , mass= 0.680000
age=8 , mass= 1.871000
age=8 , mass= 3.572000
age=8 , mass= 37.422001
age=8 , mass= 5.273000
age=8 , mass= 2.041000
age=8 , mass= 2.381000
age=8 , mass= 29.938000
age=8 , mass= 6.634000
age=8 , mass= 0.170000
age=8 , mass= 0.680000
age=8 , mass= 1.021000
age=9 , mass= 3.384000
age=9 , mass= 1.692000
age=8 , mass= 6.768000
age=8 , mass= 3.384000
age=8 , mass= 1.692000
age=8 , mass= 3.807000
age=8 , mass= 4.653000
age=8 , mass= 0.423000
age=8 , mass= 5.076000
age=8 , mass= 4.653000
age=8 , mass= 0.423000
age=8 , mass= 5.076000
age=8 , mass= 4.653000
age=8 , mass= 0.423000
age=8 , mass= 5.076000
age=8 , mass= 4.653000

age=8 , mass= 0.423000
age=8 , mass= 5.076000
age=8 , mass= 3.807000
age=8 , mass= 0.846000
age=8 , mass= 8.037000
age=8 , mass= 2.115000
age=9 , mass= 5.499000
age=8 , mass= 1.369000
age=8 , mass= 6.843000
age=8 , mass= 2.737000
age=8 , mass= 5.474000
age=8 , mass= 2.737000
age=8 , mass= 1.369000
age=8 , mass= 5.474000
age=8 , mass= 4.106000
age=8 , mass= 1.369000
age=8 , mass= 5.474000
age=8 , mass= 4.106000
age=8 , mass= 1.369000
age=8 , mass= 5.474000
age=8 , mass= 3.193000
age=8 , mass= 0.912000
age=8 , mass= 5.474000
age=8 , mass= 5.474000
age=8 , mass= 4.106000
age=8 , mass= 6.843000
age=8 , mass= 2.737000
age=8 , mass= 7.299000
age=8 , mass= 0.912000
age=8 , mass= 1.369000
age=8 , mass= 1.825000
age=8 , mass= 4.010000
age=8 , mass= 4.411000
age=7 , mass= 5.213000
age=7 , mass= 4.411000
age=8 , mass= 4.812000
age=8 , mass= 0.802000
age=8 , mass= 4.010000
age=8 , mass= 0.802000
age=8 , mass= 4.812000
age=8 , mass= 4.010000
age=8 , mass= 0.802000
age=8 , mass= 4.812000
age=8 , mass= 4.010000
age=8 , mass= 0.802000
age=8 , mass= 4.812000
age=8 , mass= 4.010000
age=8 , mass= 0.802000
age=8 , mass= 4.812000
age=8 , mass= 4.010000
age=8 , mass= 0.802000
age=8 , mass= 5.614000
age=8 , mass= 2.807000
age=8 , mass= 0.401000
age=7 , mass= 4.010000
age=7 , mass= 5.614000
age=8 , mass= 1.604000
age=9 , mass= 1.392000
age=9 , mass= 0.464000
age=9 , mass= 5.568000
age=9 , mass= 5.104000
age=9 , mass= 0.464000
age=9 , mass= 2.320000
age=7 , mass= 1.392000
age=7 , mass= 3.712000
age=8 , mass= 0.464000
age=8 , mass= 3.712000
age=8 , mass= 5.725000
age=8 , mass= 4.089000
age=8 , mass= 4.498000

age=8 , mass= 5.316000
 age=8 , mass= 3.271000
 age=8 , mass= 6.542000
 age=8 , mass= 2.044000
 age=8 , mass= 7.769000
 age=8 , mass= 0.818000
 age=8 , mass= 8.587000
 age=8 , mass= 0.409000
 age=8 , mass= 8.178000
 age=8 , mass= 1.636000
 age=8 , mass= 5.316000
 age=8 , mass= 1.636000
 age=8 , mass= 2.862000
 age=8 , mass= 2.045000
 age=8 , mass= 4.907000
 age=8 , mass= 2.862000
 age=8 , mass= 2.045000
 age=8 , mass= 4.907000
 age=8 , mass= 2.862000
 age=8 , mass= 2.045000
 age=8 , mass= 7.769000
 age=8 , mass= 0.409000
 age=8 , mass= 2.153000
 age=8 , mass= 2.153000
 age=8 , mass= 3.230000
 age=8 , mass= 1.077000
 age=8 , mass= 2.153000
 age=8 , mass= 12.920000
 age=9 , mass= 4.306000
 age=9 , mass= 2.153000
 age=7 , mass= 5.959000
 age=7 , mass= 3.155000
 age=6 , mass= 5.783000
 age=6 , mass= 4.907000
 age=6 , mass= 2.804000
 age=6 , mass= 7.711000
 age=6 , mass= 0.175000
 age=7 , mass= 1.928000
 age=7 , mass= 1.227000
 age=7 , mass= 6.484000
 age=7 , mass= 1.052000
 age=7 , mass= 2.804000
 age=7 , mass= 1.753000
 age=7 , mass= 4.206000
 age=7 , mass= 1.928000
 age=7 , mass= 2.278000
 age=7 , mass= 8.412000
 age=7 , mass= 8.412000
 age=7 , mass= 2.278000
 age=7 , mass= 1.928000
 age=7 , mass= 3.155000
 age=7 , mass= 4.557000
 age=7 , mass= 1.052000
 age=7 , mass= 6.660000
 age=7 , mass= 4.031000
 age=7 , mass= 3.680000
 age=7 , mass= 7.010000
 age=7 , mass= 0.701000
 age=7 , mass= 3.330000
 age=7 , mass= 2.283000
 age=7 , mass= 2.634000
 age=7 , mass= 1.405000
 age=8 , mass= 0.702000
 age=8 , mass= 7.726000
 age=8 , mass= 2.283000
 age=8 , mass= 5.444000
 age=8 , mass= 2.283000
 age=7 , mass= 2.866000
 age=7 , mass= 17.194000
 age=7 , mass= 6.960000

[illegible]

age=7 , mass= 5.100000
age=7 , mass= 3.400000
age=7 , mass= 1.700000
age=7 , mass= 5.100000
age=7 , mass= 1.275000
age=7 , mass= 0.850000
age=7 , mass= 2.975000
age=7 , mass= 0.850000
age=7 , mass= 5.100000
age=6 , mass= 5.950000
age=6 , mass= 2.975000
age=6 , mass= 5.950000
age=6 , mass= 0.850000
age=6 , mass= 2.125000
age=7 , mass= 2.550000
age=7 , mass= 6.375000
age=7 , mass= 0.850000
age=7 , mass= 1.700000
age=7 , mass= 6.375000
age=7 , mass= 2.550000
age=7 , mass= 6.375000
age=7 , mass= 2.550000
age=7 , mass= 5.950000
age=8 , mass= 1.692000
age=8 , mass= 2.961000
age=8 , mass= 2.115000
age=8 , mass= 0.846000
age=8 , mass= 5.499000
age=8 , mass= 1.692000
age=7 , mass= 6.768000
age=7 , mass= 3.384000
age=7 , mass= 5.499000
age=7 , mass= 0.423000
age=8 , mass= 1.424000
age=8 , mass= 4.984000
age=8 , mass= 2.848000
age=8 , mass= 0.712000
age=8 , mass= 4.270000
age=8 , mass= 2.846000
age=8 , mass= 4.981000
age=8 , mass= 2.313000
age=8 , mass= 0.533000
age=8 , mass= 3.906000
age=7 , mass= 0.462000
age=7 , mass= 0.457000
age=7 , mass= 3.656000
age=8 , mass= 0.914000
age=8 , mass= 4.570000
age=8 , mass= 0.914000
age=8 , mass= 4.570000
age=8 , mass= 0.914000
age=8 , mass= 5.484000
age=8 , mass= 2.742000
age=8 , mass= 3.514000
age=8 , mass= 5.270000
age=8 , mass= 0.439000
age=8 , mass= 1.312000
age=8 , mass= 3.072000
age=8 , mass= 0.439000
age=8 , mass= 5.267000
age=8 , mass= 0.439000
age=8 , mass= 1.756000
age=8 , mass= 3.062000
age=8 , mass= 5.249000
age=8 , mass= 0.437000
age=8 , mass= 2.624000
age=7 , mass= 5.783000
age=7 , mass= 16.329000
age=7 , mass= 2.892000
age=7 , mass= 1.191000

age=7 , mass= 0.170000
 age=7 , mass= 3.912000
 age=8 , mass= 3.402000
 age=8 , mass= 0.340000
 age=8 , mass= 0.680000
 age=8 , mass= 0.846000
 age=8 , mass= 2.115000
 age=7 , mass= 2.115000
 age=7 , mass= 17.766001
 age=7 , mass= 0.423000
 age=7 , mass= 0.423000
 age=7 , mass= 5.499000
 age=8 , mass= 1.692000
 age=8 , mass= 1.692000
 age=7 , mass= 2.724000
 No bin for p 982.948914 1.031275
 age=7 , mass= 5.448000
 No bin for p 982.948914 1.031275
 age=7 , mass= 5.448000
 No bin for p 982.948914 1.031275
 age=7 , mass= 4.086000
 No bin for p 982.948914 1.031275
 age=7 , mass= 1.362000
 No bin for p 982.948914 1.031275
 age=7 , mass= 5.448000
 No bin for p 982.948914 1.031275
 age=7 , mass= 2.724000
 No bin for p 982.948914 1.031275
 age=7 , mass= 2.724000
 No bin for p 982.948914 1.031275
 age=7 , mass= 5.448000
 No bin for p 982.948914 1.031275
 age=7 , mass= 1.362000
 No bin for p 982.948914 1.031275
 age=7 , mass= 1.362000
 No bin for p 982.948914 1.031275
 age=7 , mass= 6.810000
 age=7 , mass= 1.362000
 age=7 , mass= 1.362000
 age=7 , mass= 8.172000
 age=7 , mass= 1.362000
 age=7 , mass= 4.994000
 age=7 , mass= 3.178000
 age=7 , mass= 1.362000
 age=7 , mass= 8.172000
 age=7 , mass= 5.902000
 age=7 , mass= 3.632000
 age=7 , mass= 3.178000
 age=7 , mass= 7.495000
 age=7 , mass= 2.498000
 age=7 , mass= 6.246000
 age=7 , mass= 3.748000
 age=7 , mass= 4.997000
 age=7 , mass= 4.997000
 age=7 , mass= 3.748000
 age=7 , mass= 6.246000
 age=7 , mass= 2.498000
 age=7 , mass= 5.830000
 age=7 , mass= 1.755000
 age=7 , mass= 1.316000
 age=7 , mass= 9.213000
 age=8 , mass= 3.948000
 age=8 , mass= 6.581000
 age=8 , mass= 2.632000
 age=8 , mass= 1.316000
 age=8 , mass= 3.948000
 age=8 , mass= 2.632000
 age=8 , mass= 2.632000
 age=8 , mass= 5.264000
 age=8 , mass= 2.632000

age=8 , mass= 2.632000
 age=8 , mass= 5.264000
 age=8 , mass= 2.632000
 age=8 , mass= 0.439000
 age=8 , mass= 0.424000
 age=8 , mass= 2.544000
 age=8 , mass= 1.272000
 age=8 , mass= 5.088000
 age=8 , mass= 2.544000
 age=8 , mass= 2.544000
 age=8 , mass= 5.088000
 age=8 , mass= 1.696000
 age=8 , mass= 1.696000
 age=8 , mass= 1.696000
 age=8 , mass= 5.088000
 age=8 , mass= 0.424000
 age=8 , mass= 0.424000
 age=8 , mass= 3.230000
 age=8 , mass= 2.153000
 age=8 , mass= 0.538000
 age=8 , mass= 5.921000
 age=8 , mass= 4.306000
 age=8 , mass= 2.153000
 age=8 , mass= 1.615000
 age=8 , mass= 4.845000
 age=8 , mass= 4.306000
 age=8 , mass= 1.615000
 age=7 , mass= 0.912000
 age=7 , mass= 9.580000
 age=7 , mass= 0.456000
 age=7 , mass= 9.124000
 age=7 , mass= 1.825000
 age=7 , mass= 7.755000
 age=7 , mass= 3.193000
 age=7 , mass= 1.825000
 age=7 , mass= 4.562000
 age=7 , mass= 4.562000
 age=7 , mass= 5.018000
 age=7 , mass= 5.931000
 age=7 , mass= 1.825000
 age=7 , mass= 1.825000
 age=7 , mass= 5.474000
 age=7 , mass= 1.825000
 age=7 , mass= 4.106000
 age=7 , mass= 3.650000
 age=7 , mass= 3.193000
 age=7 , mass= 6.387000
 age=7 , mass= 4.562000
 age=7 , mass= 0.456000
 age=7 , mass= 3.384000
 age=7 , mass= 1.269000
 age=7 , mass= 1.692000
 age=6 , mass= 2.538000
 No bin for p 851.235840 1.035907
 age=6 , mass= 10.152000
 No bin for p 851.235840 1.035907
 age=6 , mass= 3.384000
 No bin for p 851.235840 1.035907
 age=7 , mass= 2.115000
 age=7 , mass= 5.499000
 age=7 , mass= 0.846000
 age=7 , mass= 1.692000
 age=7 , mass= 2.552000
 age=7 , mass= 0.851000
 age=7 , mass= 7.778000
 age=7 , mass= 8.597000
 age=7 , mass= 4.913000
 age=7 , mass= 3.685000
 age=7 , mass= 6.550000
 age=7 , mass= 2.985000

age=6 , mass= 3.688000
age=6 , mass= 7.024000
age=7 , mass= 2.458000
age=7 , mass= 7.726000
age=7 , mass= 0.527000
age=7 , mass= 7.200000
age=7 , mass= 3.512000
age=7 , mass= 1.405000
age=7 , mass= 2.810000
age=7 , mass= 6.497000
age=7 , mass= 1.229000
age=7 , mass= 7.726000
age=7 , mass= 1.756000
age=7 , mass= 5.970000
age=7 , mass= 4.741000
age=7 , mass= 2.985000
age=7 , mass= 7.726000
age=7 , mass= 7.726000
age=7 , mass= 2.985000
age=7 , mass= 3.336000
age=7 , mass= 1.405000
age=7 , mass= 5.970000
age=7 , mass= 1.756000
age=7 , mass= 7.726000
age=7 , mass= 1.229000
age=7 , mass= 6.497000
age=7 , mass= 4.214000
age=7 , mass= 3.512000
age=7 , mass= 7.024000
age=7 , mass= 0.378000
age=7 , mass= 2.207000
age=7 , mass= 0.441000
age=7 , mass= 0.468000
age=7 , mass= 16.863001
age=7 , mass= 1.874000
age=7 , mass= 2.342000
age=7 , mass= 5.683000
age=7 , mass= 2.309000
age=7 , mass= 5.506000
age=7 , mass= 5.328000
age=7 , mass= 2.486000
age=7 , mass= 7.814000
age=7 , mass= 0.533000
age=7 , mass= 7.282000
age=7 , mass= 3.552000
age=7 , mass= 4.262000
age=7 , mass= 6.571000
age=7 , mass= 1.243000
age=7 , mass= 7.814000
age=7 , mass= 1.776000
age=7 , mass= 6.038000
age=7 , mass= 4.795000
age=7 , mass= 3.019000
age=7 , mass= 6.394000
age=7 , mass= 1.421000
age=7 , mass= 7.814000
age=7 , mass= 3.019000
age=7 , mass= 4.795000
age=7 , mass= 6.038000
age=7 , mass= 1.776000
age=7 , mass= 7.814000
age=7 , mass= 1.243000
age=7 , mass= 3.730000
age=7 , mass= 2.842000
age=7 , mass= 4.262000
age=7 , mass= 3.552000
age=7 , mass= 4.973000
age=7 , mass= 3.248000
age=7 , mass= 1.856000
age=7 , mass= 3.248000

age=7 , mass= 0.464000
age=7 , mass= 5.568000
age=7 , mass= 0.464000
age=7 , mass= 1.392000
No bin for p 950.096924 1.023574
age=6 , mass= 1.856000
No bin for p 937.862122 1.024386
age=6 , mass= 0.928000
No bin for p 937.862122 1.024386
age=6 , mass= 4.640000
No bin for p 937.862122 1.024386
age=6 , mass= 0.928000
No bin for p 937.862122 1.024386
age=7 , mass= 3.230000
age=7 , mass= 1.077000
age=7 , mass= 2.153000
age=7 , mass= 4.306000
age=7 , mass= 2.153000
age=7 , mass= 4.306000
age=7 , mass= 2.153000
age=7 , mass= 4.306000
age=7 , mass= 2.153000
age=7 , mass= 4.306000
age=7 , mass= 2.047000
age=7 , mass= 17.194000
age=7 , mass= 2.456000
age=7 , mass= 6.141000
age=7 , mass= 3.685000
age=7 , mass= 1.229000
age=7 , mass= 0.410000
age=7 , mass= 1.067000
age=6 , mass= 3.736000
age=6 , mass= 4.092000
age=6 , mass= 3.202000
age=6 , mass= 0.534000
age=6 , mass= 4.092000
age=6 , mass= 3.736000
age=6 , mass= 4.092000
age=7 , mass= 2.846000
age=7 , mass= 4.981000
age=7 , mass= 2.846000
age=7 , mass= 4.981000
age=7 , mass= 2.846000
age=7 , mass= 4.981000
age=7 , mass= 2.491000
age=7 , mass= 0.356000
age=7 , mass= 4.981000
age=7 , mass= 2.846000
age=7 , mass= 4.981000
age=7 , mass= 2.846000
age=7 , mass= 4.981000
age=7 , mass= 2.846000
age=7 , mass= 4.981000
age=7 , mass= 2.846000
age=7 , mass= 4.981000
age=7 , mass= 0.846000
age=7 , mass= 6.345000
age=7 , mass= 1.269000
age=7 , mass= 1.269000
age=7 , mass= 5.076000
age=7 , mass= 3.807000
age=7 , mass= 1.269000
age=7 , mass= 5.076000

age=7 , mass= 3.807000
 age=7 , mass= 1.269000
 age=7 , mass= 5.076000
 age=7 , mass= 3.807000
 age=7 , mass= 1.269000
 age=7 , mass= 2.538000
 age=7 , mass= 2.538000
 age=7 , mass= 3.807000
 age=7 , mass= 8.883000
 age=7 , mass= 1.269000
 age=7 , mass= 7.614000
 age=7 , mass= 2.538000
 age=7 , mass= 6.345000
 age=7 , mass= 3.807000
 age=7 , mass= 1.269000
 age=7 , mass= 0.846000
 age=7 , mass= 4.630000
 No bin for p 1061.314209 1.030213
 age=7 , mass= 3.241000
 No bin for p 1061.314209 1.030213
 age=7 , mass= 2.315000
 No bin for p 1061.314209 1.030213
 age=7 , mass= 5.556000
 No bin for p 1061.314331 1.030213
 age=7 , mass= 3.241000
 No bin for p 1061.314209 1.030213
 age=7 , mass= 2.315000
 No bin for p 1061.314209 1.030213
 age=7 , mass= 5.556000
 No bin for p 1061.314331 1.030213
 age=7 , mass= 3.241000
 No bin for p 1061.314209 1.030213
 age=7 , mass= 2.315000
 No bin for p 1061.314209 1.030213
 age=7 , mass= 2.778000
 No bin for p 1061.314331 1.030213
 age=7 , mass= 6.019000
 age=6 , mass= 6.945000
 age=6 , mass= 4.167000
 age=7 , mass= 3.704000
 age=7 , mass= 0.926000
 age=7 , mass= 6.482000
 age=7 , mass= 3.241000
 age=7 , mass= 7.871000
 age=7 , mass= 1.852000
 age=7 , mass= 9.260000
 age=7 , mass= 0.463000
 age=7 , mass= 3.241000
 age=7 , mass= 1.848000
 age=7 , mass= 0.924000
 age=7 , mass= 5.544000
 age=7 , mass= 4.620000
 age=7 , mass= 0.924000
 age=7 , mass= 5.544000
 age=7 , mass= 4.620000
 age=7 , mass= 0.924000
 age=7 , mass= 5.544000
 age=7 , mass= 4.620000
 age=7 , mass= 0.924000
 age=7 , mass= 5.544000
 age=7 , mass= 4.620000
 age=7 , mass= 0.924000
 age=7 , mass= 0.924000
 age=5 , mass= 8.778000
 age=5 , mass= 5.082000
 age=7 , mass= 6.468000
 age=7 , mass= 2.310000
 age=7 , mass= 0.462000
 age=6 , mass= 1.386000
 age=5 , mass= 4.901000

Nassy=29 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
age=5 , mass= 22.308001
Nassy=132 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
age=5 , mass= 5.239000
Nassy=31 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
age=5 , mass= 0.676000
Nassy=4 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
age=7 , mass= 1.014000
age=7 , mass= 4.394000
age=7 , mass= 1.014000
age=7 , mass= 2.028000
age=7 , mass= 2.704000
age=7 , mass= 4.732000
age=7 , mass= 2.704000
age=7 , mass= 4.732000
age=7 , mass= 2.704000
age=7 , mass= 4.732000
age=7 , mass= 2.704000
age=7 , mass= 4.732000
age=7 , mass= 0.338000
age=7 , mass= 1.690000
age=7 , mass= 4.056000
age=7 , mass= 1.352000
age=7 , mass= 2.704000
age=7 , mass= 4.056000
age=7 , mass= 0.676000
age=7 , mass= 3.380000
age=7 , mass= 4.056000
age=7 , mass= 4.056000
age=7 , mass= 3.380000
age=7 , mass= 0.676000
age=7 , mass= 4.056000
age=7 , mass= 2.704000
age=7 , mass= 1.352000
age=7 , mass= 3.718000
age=5 , mass= 1.521000
age=5 , mass= 7.436000
age=5 , mass= 6.591000
age=6 , mass= 4.230000
age=7 , mass= 0.846000
age=7 , mass= 3.807000
age=7 , mass= 1.269000
age=7 , mass= 4.230000
age=7 , mass= 0.846000
age=7 , mass= 5.076000
age=7 , mass= 4.230000
age=7 , mass= 0.846000
age=7 , mass= 5.076000
age=7 , mass= 4.230000
age=7 , mass= 0.846000
age=7 , mass= 5.076000
age=7 , mass= 4.230000
age=7 , mass= 0.846000
age=7 , mass= 0.423000
age=7 , mass= 8.460000
age=7 , mass= 0.423000
age=6 , mass= 4.230000
No bin for p 854.640259 1.043267
age=6 , mass= 5.076000
No bin for p 854.640259 1.043267
age=6 , mass= 0.846000
No bin for p 854.640259 1.043267
age=6 , mass= 4.230000
No bin for p 854.640259 1.043267
age=6 , mass= 5.076000
No bin for p 854.640259 1.043267
age=6 , mass= 0.846000
No bin for p 854.640259 1.043267
age=6 , mass= 4.230000
No bin for p 854.640259 1.043267

age=6 , mass= 2.115000
No bin for p 854.640259 1.043267
age=6 , mass= 4.240000
age=6 , mass= 17.808001
age=6 , mass= 3.392000
age=6 , mass= 2.120000
age=6 , mass= 2.120000
No bin for p 1053.548462 1.028486
age=6 , mass= 35.616001
No bin for p 1053.548584 1.028486
age=6 , mass= 4.240000
No bin for p 1053.548462 1.028486
age=6 , mass= 0.424000
No bin for p 1053.548462 1.028486
age=5 , mass= 5.088000
age=5 , mass= 5.088000
age=6 , mass= 0.424000
age=6 , mass= 1.272000
age=6 , mass= 2.194000
age=6 , mass= 5.267000
age=6 , mass= 0.439000
age=6 , mass= 4.828000
age=6 , mass= 5.267000
age=6 , mass= 0.439000
age=6 , mass= 4.828000
age=6 , mass= 5.267000
age=6 , mass= 0.439000
age=6 , mass= 4.828000
age=6 , mass= 5.267000
age=6 , mass= 0.439000
age=6 , mass= 2.633000
age=5 , mass= 7.900000
age=5 , mass= 3.511000
age=5 , mass= 0.878000
age=5 , mass= 4.810000
age=5 , mass= 36.733002
age=5 , mass= 3.061000
age=6 , mass= 2.186000
age=6 , mass= 4.373000
age=5 , mass= 4.640000
No bin for p 963.782715 1.039693
age=5 , mass= 33.408001
No bin for p 963.782776 1.039693
age=5 , mass= 4.640000
No bin for p 963.782715 1.039693
age=6 , mass= 1.392000
age=6 , mass= 1.856000
No bin for p 1577.816772 0.961560
age=6 , mass= 0.464000
No bin for p 1577.816772 0.961560
age=6 , mass= 5.568000
No bin for p 1577.816772 0.961560
age=6 , mass= 5.104000
No bin for p 1577.816895 0.961560
age=6 , mass= 0.464000
No bin for p 1577.816772 0.961560
age=6 , mass= 5.568000
No bin for p 1577.816772 0.961560
age=6 , mass= 5.104000
age=6 , mass= 4.640000
age=6 , mass= 3.816000
age=6 , mass= 5.088000
age=6 , mass= 0.848000
age=6 , mass= 2.120000
age=6 , mass= 0.848000
No bin for p 1056.162231 1.028077
age=6 , mass= 1.272000
No bin for p 1056.162231 1.028077
age=6 , mass= 0.848000
No bin for p 1056.162231 1.028077

age=6 , mass= 4.240000
 No bin for p 1026.284424 1.020240
 age=6 , mass= 2.544000
 No bin for p 1026.284546 1.020240
 age=6 , mass= 2.120000
 No bin for p 1026.284424 1.020240
 age=6 , mass= 0.424000
 No bin for p 1026.284546 1.020240
 age=6 , mass= 5.088000
 No bin for p 1026.284546 1.020240
 age=6 , mass= 1.272000
 No bin for p 1026.284546 1.020240
 age=7 , mass= 0.848000
 age=6 , mass= 0.538000
 age=6 , mass= 4.306000
 age=6 , mass= 2.153000
 age=6 , mass= 3.768000
 age=6 , mass= 0.538000
 age=6 , mass= 2.153000
 age=6 , mass= 3.230000
 age=6 , mass= 3.230000
 age=6 , mass= 6.460000
 age=6 , mass= 4.306000
 age=6 , mass= 6.460000
 No bin for s 267.148895 1.266360
 age=6 , mass= 0.538000
 No bin for s 266.983459 1.266360
 age=6 , mass= 5.921000
 No bin for s 267.118805 1.266360
 age=6 , mass= 4.306000
 No bin for s 267.107544 1.266360
 age=6 , mass= 1.077000
 age=6 , mass= 1.077000
 age=6 , mass= 5.383000
 age=6 , mass= 1.077000
 age=6 , mass= 5.383000
 age=6 , mass= 1.077000
 age=6 , mass= 5.383000
 age=6 , mass= 1.077000
 age=6 , mass= 5.383000
 age=6 , mass= 1.077000
 age=6 , mass= 5.383000
 age=6 , mass= 1.077000
 age=6 , mass= 6.460000
 No bin for s 564.275085 1.154935
 age=6 , mass= 3.768000
 No bin for s 564.225098 1.154935
 age=6 , mass= 2.692000
 No bin for s 564.344910 1.154935
 age=6 , mass= 6.460000
 No bin for s 564.275085 1.154935
 age=6 , mass= 2.153000
 No bin for s 564.187744 1.154935
 age=6 , mass= 0.538000
 No bin for s 563.925659 1.154935
 age=6 , mass= 3.768000
 age=6 , mass= 2.153000
 age=6 , mass= 4.307000
 age=6 , mass= 2.153000
 age=6 , mass= 4.307000
 age=6 , mass= 2.153000
 age=6 , mass= 4.307000
 age=6 , mass= 0.538000
 age=6 , mass= 4.913000
 age=6 , mass= 17.194000
 age=6 , mass= 8.597000
 age=6 , mass= 0.819000
 age=6 , mass= 1.229000

age=6 , mass= 0.410000
age=6 , mass= 3.402000
age=6 , mass= 4.082000
age=6 , mass= 0.170000
age=6 , mass= 0.680000
age=6 , mass= 3.232000
age=6 , mass= 20.412001
age=7 , mass= 1.701000
age=7 , mass= 1.021000
age=6 , mass= 0.882000
age=6 , mass= 0.441000
age=6 , mass= 1.324000
age=6 , mass= 0.378000
No bin for p 1588.066895 0.976983
age=6 , mass= 3.745000
No bin for p 1522.340698 0.995630
age=6 , mass= 16.853001
No bin for p 1522.385986 0.995630
age=7 , mass= 0.936000
age=6 , mass= 4.230000
age=6 , mass= 3.807000
age=6 , mass= 1.269000
age=6 , mass= 5.076000
age=6 , mass= 2.961000
age=6 , mass= 0.846000
age=6 , mass= 5.076000
age=6 , mass= 5.076000
age=6 , mass= 3.807000
age=6 , mass= 6.345000
age=6 , mass= 2.538000
age=6 , mass= 7.614000
age=6 , mass= 1.269000
age=6 , mass= 8.883000
age=6 , mass= 5.922000
age=6 , mass= 2.961000
age=6 , mass= 1.269000
age=6 , mass= 7.614000
age=6 , mass= 2.538000
age=6 , mass= 2.538000
age=5 , mass= 4.094000
No bin for p 911.609253 1.053196
age=5 , mass= 14.738000
No bin for p 911.584534 1.053196
age=5 , mass= 3.684000
No bin for p 911.460876 1.053196
age=5 , mass= 2.866000
No bin for p 911.672852 1.053196
age=6 , mass= 5.322000
age=6 , mass= 2.047000
age=6 , mass= 1.638000
age=5 , mass= 2.153000
age=5 , mass= 38.758999
age=6 , mass= 4.307000
age=5 , mass= 5.383000
No bin for s 443.201904 1.237993
age=5 , mass= 11.305000
No bin for s 443.229401 1.237993
age=5 , mass= 2.692000
No bin for s 443.284271 1.237993
age=5 , mass= 2.692000
No bin for s 443.284271 1.237993
age=5 , mass= 5.921000
age=5 , mass= 25.839001
age=5 , mass= 4.306000
age=6 , mass= 0.538000
age=5 , mass= 2.544000
No bin for p 1180.744629 1.024400
age=5 , mass= 25.440001
No bin for p 1180.744629 1.024400
age=5 , mass= 3.816000

No bin for p 1180.744629 1.024400
 age=5 , mass= 0.848000
 No bin for p 1180.744629 1.024400
 age=5 , mass= 3.392000
 age=5 , mass= 26.712000
 age=5 , mass= 5.512000
 age=5 , mass= 0.424000
 age=5 , mass= 10.176000
 age=5 , mass= 0.424000
 age=5 , mass= 2.544000
 age=5 , mass= 3.275000
 No bin for p 925.597717 1.059850
 age=5 , mass= 24.563000
 No bin for p 925.616516 1.059850
 age=5 , mass= 0.409000
 No bin for p 924.749817 1.059850
 age=6 , mass= 2.047000
 age=6 , mass= 2.456000
 age=6 , mass= 1.638000
 age=6 , mass= 0.390000
 No bin for p 1638.481689 0.976983
 age=5 , mass= 4.144000
 No bin for p 1655.454346 1.001561
 age=5 , mass= 11.050000
 No bin for p 1655.354492 1.001561
 age=6 , mass= 3.223000
 age=6 , mass= 2.763000
 age=6 , mass= 2.727000
 age=5 , mass= 5.783000
 age=5 , mass= 44.907001
 age=5 , mass= 2.381000
 age=5 , mass= 0.680000
 age=5 , mass= 3.402000
 age=5 , mass= 69.401001
 age=6 , mass= 0.680000
 age=6 , mass= 2.722000
 age=5 , mass= 3.684000
 No bin for p 1003.451538 1.036853
 age=5 , mass= 29.476000
 No bin for p 1003.587708 1.036853
 age=5 , mass= 1.228000
 No bin for p 1003.451538 1.036853
 age=5 , mass= 1.638000
 No bin for p 1003.860046 1.036853
 age=5 , mass= 4.503000
 age=5 , mass= 8.597000
 age=5 , mass= 2.047000
 age=5 , mass= 2.456000
 age=5 , mass= 4.094000
 age=5 , mass= 8.597000
 age=5 , mass= 6.141000
 age=5 , mass= 2.456000
 age=5 , mass= 4.094000
 age=5 , mass= 4.503000
 No bin for p 945.069214 1.061804
 age=5 , mass= 19.650999
 No bin for p 945.143494 1.061804
 age=5 , mass= 1.228000
 No bin for p 944.999329 1.061804
 age=5 , mass= 2.047000
 No bin for p 945.153137 1.061804
 age=5 , mass= 2.047000
 No bin for p 945.153137 1.061804
 age=7 , mass= 2.047000
 age=7 , mass= 3.403000
 age=7 , mass= 0.433000
 No bin for p 1603.773193 0.971835
 age=5 , mass= 2.755000
 age=5 , mass= 16.527000
 age=5 , mass= 0.459000

age=7 , mass= 0.918000
age=7 , mass= 0.459000
age=7 , mass= 1.298000
No bin for p 1042.272339 1.020855
age=7 , mass= 1.298000
No bin for p 1042.272339 1.020855
age=5 , mass= 3.275000
No bin for p 909.703247 1.035883
age=5 , mass= 19.650999
No bin for p 909.749451 1.035883
age=5 , mass= 3.685000
No bin for p 909.857544 1.035883
age=6 , mass= 2.866000
age=6 , mass= 2.047000
age=6 , mass= 1.638000
age=9 , mass= 0.433000
age=5 , mass= 1.731000
No bin for p 1322.339722 1.028102
age=5 , mass= 0.433000
No bin for p 1323.103638 1.028102
age=5 , mass= 0.433000
No bin for p 1323.103638 1.028102
age=5 , mass= 5.050000
age=5 , mass= 11.018000
age=6 , mass= 2.295000
age=6 , mass= 2.755000
age=5 , mass= 6.550000
age=5 , mass= 25.792000
age=5 , mass= 5.322000
age=5 , mass= 1.228000
age=5 , mass= 0.409000
age=5 , mass= 0.409000
age=5 , mass= 4.503000
age=5 , mass= 34.388000
age=5 , mass= 0.409000
age=5 , mass= 0.457000
No bin for p 1308.063232 1.033661
age=5 , mass= 1.827000
No bin for p 1307.347778 1.033661
age=5 , mass= 0.457000
No bin for p 1308.063232 1.033661
age=5 , mass= 5.124000
age=5 , mass= 11.179000
age=5 , mass= 4.192000
age=8 , mass= 0.932000
age=8 , mass= 0.457000
age=5 , mass= 8.766000
age=5 , mass= 3.230000
age=5 , mass= 4.614000
age=5 , mass= 1.384000
No bin for p 1185.455688 1.049874
age=5 , mass= 4.153000
No bin for p 1093.807739 1.064021
age=5 , mass= 5.537000
No bin for p 1093.741943 1.064021
age=5 , mass= 3.230000
No bin for p 1093.770142 1.064021
age=5 , mass= 2.307000
No bin for p 1093.702393 1.064021
age=5 , mass= 11.073000
No bin for p 1551.462769 1.007558
age=5 , mass= 2.768000
No bin for p 1551.322510 1.007558
age=5 , mass= 1.384000
No bin for p 1551.322510 1.007558
age=5 , mass= 1.384000
No bin for p 1279.352661 1.027544
age=5 , mass= 16.611000
No bin for p 1279.583862 1.027544
age=5 , mass= 2.307000

No bin for p 1279.537598 1.027544
age=5 , mass= 1.846000
age=5 , mass= 9.690000
age=5 , mass= 7.844000
age=5 , mass= 0.923000

INPUT FILE LISTING:

#bins	Input_file	Output_file	Case_title	Last_delivery
8	case10.wsm	finalw10.out	FINAL-W10	2045
Type	Cap	Hmin	Hmax	Kmin
p	21	0	850	0.00
p	21	0	850	1.00
p	21	0	850	1.13
p	21	0	850	1.45
p	12	850	1500	0.00
s	12	0	1500	0.00
b	44	0	400	0.00
b	44	0	400	1.00
b	24	0	520	0.00
				Kmax
				1.00
				1.13
				1.45
				1.02
				1.13
				1.00
				1.37
				1.54

OUTPUT FILE LISTING:

FINAL-W10
8 Bins

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	16	0.76	5.63
2011	148	7.05	54.81
2012	336	16.00	138.70
2013	1152	54.86	470.50
2014	975	46.43	398.37
2015	1592	75.81	662.99
2016	1801	85.76	751.94
2017	1406	66.95	597.31
2018	1596	76.00	693.16
2019	1419	67.57	615.35
2020	1095	52.14	475.20
2021	1241	59.10	540.12
2022	1491	71.00	624.28
2023	1240	59.05	534.78
2024	1218	58.00	524.99
2025	1313	62.52	567.55
2026	1421	67.67	616.62
2027	1545	73.57	675.93
2028	1416	67.43	625.33
2029	1559	74.24	671.60
2030	1180	56.19	522.67
2031	1406	66.95	612.15
2032	1348	64.19	591.22
2033	1256	59.81	549.69
2034	1502	71.52	661.70
2035	1299	61.86	571.27
2036	1108	52.76	478.26
2037	1148	54.67	512.05
2038	1260	60.00	555.02
2039	1207	57.48	516.37
2040	1274	60.67	542.37
2041	776	36.95	327.05
Bin Total	38744	1844.95	16685.00

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=1.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	246	11.71	85.59
2011	408	19.43	162.62
2012	1107	52.71	465.83
2013	1673	79.67	696.90
2014	2695	128.33	1164.93

2015	2437	116.05	1031.83
2016	2638	125.62	1125.24
2017	2937	139.86	1264.36
2018	2452	116.76	1057.08
2019	2860	136.19	1226.38
2020	3165	150.71	1370.36
2021	2915	138.81	1243.11
2022	2471	117.67	1073.90
2023	2674	127.33	1164.53
2024	2578	122.76	1111.49
2025	2441	116.24	1064.05
2026	2276	108.38	977.32
2027	2694	128.29	1159.32
2028	2400	114.29	1045.28
2029	2468	117.52	1070.16
2030	2555	121.67	1097.93
2031	2571	122.43	1115.85
2032	2621	124.81	1122.41
2033	2399	114.24	1037.05
2034	2424	115.43	1066.80
2035	2815	134.05	1223.87
2036	2750	130.95	1176.42
2037	2675	127.38	1178.02
2038	3027	144.14	1325.78
2039	2571	122.43	1112.58
2040	2763	131.57	1192.43
2041	1375	65.48	578.09

Bin Total 76081 3622.90 32787.51

Type=p Cap=21 Nmin=0.0 Nmax=850.0 Kmin=1.13 Kmax=1.45

Year	Num_Assy	Num_Pkgs	NTU
2010	95	4.52	29.47
2011	137	6.52	46.22
2012	216	10.29	60.23
2013	17	0.81	7.60
2014	143	6.81	63.93
2015	61	2.90	27.52
2016	25	1.19	9.43
2017	65	3.10	21.30
2018	174	8.29	64.42
2019	107	5.10	42.21
2020	222	10.57	81.56
2021	72	3.43	29.58
2022	78	3.71	35.19
2023	405	19.29	178.18
2024	466	22.19	206.18
2025	196	9.33	80.08
2026	119	5.67	50.83
2027	263	12.52	108.87
2028	169	8.05	72.29
2029	155	7.38	61.95
2030	200	9.52	83.17
2031	278	13.24	121.93
2032	154	7.33	66.36
2033	125	5.95	56.06
2034	130	6.19	54.12
2035	242	11.52	107.53
2036	385	18.33	163.42
2037	336	16.00	148.97
2038	43	2.05	19.05
2039	106	5.05	45.39
2040	44	2.10	18.03
2041	87	4.14	39.77

Bin Total 5315 253.10 2200.84

Type=p Cap=12 Mmin=850.0 Mmax=1500.0 Kmin=0.00 Kmax=1.02

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	26	2.17	11.96
2014	99	8.25	44.38
2015	308	25.67	141.23
2016	228	19.00	104.52
2017	155	12.92	67.34
2018	212	17.67	95.63
2019	264	22.00	117.15
2020	228	19.00	103.03
2021	218	18.17	97.08
2022	409	34.08	183.38
2023	347	28.92	154.46
2024	280	23.33	124.78
2025	371	30.92	165.92
2026	447	37.25	201.09
2027	373	31.08	163.28
2028	335	27.92	150.91
2029	417	34.75	183.98
2030	307	25.58	137.37
2031	359	29.92	159.59
2032	224	18.67	98.07
2033	264	22.00	114.69
2034	384	32.00	165.29
2035	150	12.50	66.45
2036	163	13.58	73.87
2037	110	9.17	48.45
2038	446	37.17	194.95
2039	106	8.83	48.80
2040	152	12.67	69.92
2041	278	23.17	128.04
Bin Total	7660	638.33	3415.62

Type=s Cap=12 Mmin=0.0 Mmax=1500.0 Kmin=0.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	0	0.00	0.00
2014	0	0.00	0.00
2015	0	0.00	0.00
2016	0	0.00	0.00
2017	0	0.00	0.00
2018	0	0.00	0.00
2019	177	14.75	95.28
2020	66	5.50	35.53
2021	180	15.00	96.90
2022	54	4.50	29.07
2023	126	10.50	67.83
2024	123	10.25	66.21
2025	135	11.25	72.67
2026	153	12.75	82.36
2027	117	9.75	62.98
2028	117	9.75	62.98
2029	153	12.75	82.36
2030	108	9.00	58.14
2031	132	11.00	71.06
2032	99	8.25	53.29
2033	114	9.50	61.37
2034	120	10.00	64.60

2035	141	11.75	75.90
2036	78	6.50	41.99
2037	148	12.33	79.67
2038	196	16.33	105.51
2039	163	13.58	87.75
2040	231	19.25	124.62
2041	398	33.17	215.29
Bin Total	3329	277.42	1793.35

Type=b Cap=44 Mmin=0.0 Mmax=400.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	30	0.68	5.32
2011	180	4.09	30.50
2012	1039	23.61	176.74
2013	1732	39.36	296.54
2014	2468	56.09	434.16
2015	1864	42.36	329.80
2016	1208	27.45	214.01
2017	1195	27.16	206.46
2018	2055	46.70	354.78
2019	1842	41.86	319.64
2020	2085	47.39	359.10
2021	2422	55.05	417.38
2022	1962	44.59	339.33
2023	1832	41.64	318.25
2024	1260	28.64	218.93
2025	2347	53.34	408.54
2026	1741	39.57	301.97
2027	1688	38.36	292.45
2028	1462	33.23	254.93
2029	2092	47.55	364.78
2030	1606	36.50	285.51
2031	1790	40.68	311.23
2032	1089	24.75	190.94
2033	1557	35.39	270.87
2034	1170	26.59	209.29
2035	435	9.89	75.74
2036	748	17.00	130.43
2037	649	14.75	115.22
2038	915	20.80	161.46
2039	2449	55.66	424.94
2040	815	18.52	143.28
2041	487	11.07	85.34
Bin Total	46214	1050.32	8047.88

Type=b Cap=44 Mmin=0.0 Mmax=400.0 Kmin=1.00 Kmax=1.37

Year	Num_Assy	Num_Pkgs	MTU
2010	1070	24.32	174.18
2011	1801	40.93	295.22
2012	2193	49.84	354.41
2013	3173	72.11	515.32
2014	5074	115.32	896.15
2015	4480	101.82	803.28
2016	4360	99.09	774.26
2017	4741	107.75	838.01
2018	4191	95.25	737.81
2019	3159	71.80	555.46
2020	3199	72.70	561.80
2021	3228	73.36	570.58
2022	3578	81.32	630.96
2023	2900	65.91	514.29
2024	4198	95.41	737.59

2025	3562	80.95	632.25
2026	4376	99.45	772.65
2027	2976	67.64	530.41
2028	4280	97.27	766.75
2029	3056	69.45	556.04
2030	4378	99.50	810.21
2031	3490	79.32	642.47
2032	4553	103.48	828.64
2033	4747	107.89	878.16
2034	4048	92.00	748.90
2035	4845	110.11	872.74
2036	4906	111.50	891.66
2037	4743	107.80	859.18
2038	3353	76.20	603.37
2039	4283	97.34	765.34
2040	5036	114.45	912.52
2041	1167	26.52	208.18

Bin Total 119144 2707.82 21238.79

Type=b Cap=24 Nmin=0.0 Nmax=520.0 Kmin=0.00 Kmax=1.54

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	87	3.63	10.51
2012	1	0.04	0.11
2013	0	0.00	0.00
2014	1	0.04	0.12
2015	13	0.54	1.56
2016	150	6.25	25.36
2017	25	1.04	3.40
2018	0	0.00	0.00
2019	80	3.33	13.76
2020	105	4.38	17.33
2021	3	0.13	0.50
2022	509	21.21	87.84
2023	349	14.54	59.48
2024	63	2.63	10.99
2025	8	0.33	1.36
2026	8	0.33	1.10
2027	0	0.00	0.00
2028	198	8.25	34.50
2029	0	0.00	0.00
2030	0	0.00	0.00
2031	0	0.00	0.00
2032	122	5.08	21.72
2033	252	10.50	44.35
2034	106	4.42	18.42
2035	0	0.00	0.00
2036	110	4.58	19.57
2037	196	8.17	33.12
2038	0	0.00	0.00
2039	0	0.00	0.00
2040	1	0.04	0.18
2041	0	0.00	0.00

Bin Total 2387 99.46 405.29

Summary Table

Type	Cap	Num_Assy	PctType	Num_Pkg	MTU
p	21	38744	29.46	1844.95	16685.00
p	21	76081	57.85	3622.90	32787.51
p	21	5315	4.04	253.10	2200.84
p	12	7660	5.82	438.33	3415.62
s	12	3329	2.53	277.42	1793.35
b	44	46214	27.55	1050.32	8047.88
b	44	119144	71.03	2707.82	21238.79

b	24	2387	1.42	99.46	405.29
b	1	0	0.00	0.00	0.00
p	1	223	0.17	223.00	103.03
s	1	167	0.13	167.00	90.04

Totals	299264.	10494.30	86767.35
--------	---------	----------	----------

JUNK FILE LISTING:

Nassy=1 burnup=1.87	kinf=1.529	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.45	kinf=1.536	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.53	kinf=1.535	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=1 burnup=6.38	kinf=1.455	Enrch=3.63	Dschg=1969	WEST VALLEY
Nassy=2 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=3 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=8 burnup=0.34	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.18	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.36	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.23	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=10 burnup=0.34	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.22	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=7 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.77	kinf=1.260	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.86	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.85	kinf=1.257	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.85	kinf=1.257	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.79	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=19 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.34	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.46	kinf=1.270	Enrch=1.97	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.57	kinf=1.267	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.76	kinf=1.261	Enrch=1.94	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.23	kinf=1.279	Enrch=2.00	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.46	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.09	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.27	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.28	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.32	kinf=1.275	Enrch=1.99	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.11	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.42	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.23	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=7 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.15	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.44	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=20 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.291	Enrch=2.04	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.62	kinf=1.265	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.64	kinf=1.264	Enrch=1.95	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.83	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=19 burnup=1.83	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.83	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.13	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=21 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.78	kinf=1.260	Enrch=1.94	Dschg=1971	GE MORRIS (

Nassy=2 burnup=9.28	kinf=1.410 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=4.99	kinf=1.478 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=8.24	kinf=1.426 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=1.53	kinf=1.318 Enrch=2.26 Dschg=1971	DRESDEN
Nassy=1 burnup=4.49	kinf=1.250 Enrch=2.11 Dschg=1971	OYSTER CRK
Nassy=1 burnup=3.27	kinf=1.212 Enrch=1.78 Dschg=1972	GE MORRIS (
Nassy=22 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=25 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=19 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.13	kinf=1.217 Enrch=1.80 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=21 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=19 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=38 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=6 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.77	kinf=1.249 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.28	kinf=1.271 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=2.73	kinf=1.279 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=7 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=16 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=17 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=6 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=4 burnup=2.84	kinf=1.277 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=11 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=44 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=21 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=20 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=18 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=21 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=19 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.64	kinf=1.172 Enrch=1.66 Dschg=1972	GE MORRIS (
Nassy=1 burnup=8.59	kinf=1.421 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=9.12	kinf=1.413 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=8.73	kinf=1.419 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=2 burnup=4.86	kinf=1.239 Enrch=2.08 Dschg=1972	MILLSTONE
Nassy=4 burnup=6.45	kinf=1.454 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=8.75	kinf=1.418 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=7.35	kinf=1.440 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=3.88	kinf=1.262 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=1 burnup=4.96	kinf=1.246 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=1 burnup=4.96	kinf=1.246 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=1 burnup=1.05	kinf=1.365 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=0.97	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.32	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=11 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=10 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=2 burnup=4.00	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.05	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=4 burnup=1.16	kinf=1.364 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=4.66	kinf=1.311 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=4.66	kinf=1.311 Enrch=2.50 Dschg=1973	VT YANKEE

Nassy=1 burnup=0.99	kinf=1.366	Enrch=2.50	Dschg=1973	VT YANKEE
Nassy=1 burnup=4.69	kinf=1.310	Enrch=2.50	Dschg=1973	VT YANKEE
Nassy=4 burnup=9.23	kinf=1.411	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=1 burnup=8.77	kinf=1.418	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=3 burnup=9.10	kinf=1.413	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=1 burnup=9.10	kinf=1.413	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=1 burnup=3.97	kinf=1.271	Enrch=2.19	Dschg=1973	PILGRIM
Nassy=1 burnup=2.63	kinf=1.290	Enrch=2.19	Dschg=1973	PILGRIM
Nassy=1 burnup=8.95	kinf=1.415	Enrch=3.63	Dschg=1974	WEST VALLEY
Nassy=1 burnup=8.15	kinf=1.428	Enrch=3.63	Dschg=1974	WEST VALLEY
Nassy=2 burnup=4.95	kinf=1.306	Enrch=2.50	Dschg=1974	VT YANKEE
Nassy=6 burnup=4.95	kinf=1.306	Enrch=2.50	Dschg=1974	VT YANKEE
Nassy=1 burnup=7.57	kinf=1.476	Enrch=3.92	Dschg=1975	LACROSSE
Nassy=1 burnup=3.71	kinf=1.263	Enrch=2.12	Dschg=1975	DUANE ARNOL
Nassy=1 burnup=3.78	kinf=1.280	Enrch=2.23	Dschg=1975	DRESDEN
Nassy=1 burnup=4.80	kinf=1.467	Enrch=3.54	Dschg=1976	BIG ROCK
Nassy=1 burnup=2.90	kinf=1.273	Enrch=2.11	Dschg=1976	BRUNSWICK
Nassy=1 burnup=3.30	kinf=1.267	Enrch=2.11	Dschg=1976	BRUNSWICK
Nassy=2 burnup=2.43	kinf=1.105	Enrch=1.11	Dschg=1976	BRUNSWICK
Nassy=2 burnup=3.05	kinf=1.320	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.30	kinf=1.315	Enrch=2.40	Dschg=1976	HUMBOLDT BA
Nassy=4 burnup=2.43	kinf=1.329	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.69	kinf=1.325	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.89	kinf=1.308	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=4.34	kinf=1.301	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=1.31	kinf=1.346	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=12.04	kinf=1.407	Enrch=3.92	Dschg=1977	LACROSSE
Nassy=1 burnup=12.30	kinf=1.403	Enrch=3.93	Dschg=1977	LACROSSE
Nassy=1 burnup=7.61	kinf=1.476	Enrch=3.92	Dschg=1977	LACROSSE
Nassy=1 burnup=12.42	kinf=1.401	Enrch=3.92	Dschg=1977	LACROSSE
Nassy=5 burnup=3.65	kinf=1.282	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=5 burnup=3.35	kinf=1.287	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=1 burnup=3.35	kinf=1.287	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=2 burnup=3.08	kinf=1.291	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=4 burnup=4.00	kinf=1.277	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=8 burnup=4.97	kinf=1.263	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=16 burnup=4.97	kinf=1.263	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=2 burnup=4.97	kinf=1.263	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=4 burnup=4.53	kinf=1.269	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=4 burnup=4.53	kinf=1.269	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=15 burnup=4.53	kinf=1.269	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=4 burnup=3.58	kinf=1.019	Enrch=0.72	Dschg=1980	HATCH
Nassy=16 burnup=1.89	kinf=1.041	Enrch=0.72	Dschg=1980	HATCH
Nassy=15 burnup=2.53	kinf=1.032	Enrch=0.72	Dschg=1980	HATCH
Nassy=9 burnup=2.53	kinf=1.032	Enrch=0.72	Dschg=1980	HATCH
Nassy=1 burnup=2.53	kinf=1.032	Enrch=0.72	Dschg=1980	HATCH
Nassy=3 burnup=2.53	kinf=1.032	Enrch=0.72	Dschg=1980	HATCH
Nassy=16 burnup=2.83	kinf=1.028	Enrch=0.72	Dschg=1980	HATCH
Nassy=8 burnup=4.31	kinf=1.009	Enrch=0.72	Dschg=1980	HATCH
Nassy=4 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1980	HATCH
Nassy=7 burnup=3.15	kinf=1.024	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=1 burnup=3.15	kinf=1.024	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=4.11	kinf=1.012	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=35 burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=1 burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=12 burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=2.96	kinf=1.027	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=4 burnup=3.14	kinf=1.024	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=4.86	kinf=1.003	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=2.92	kinf=1.027	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=3.41	kinf=1.021	Enrch=0.72	Dschg=1985	LASALLE
Nassy=13 burnup=4.08	kinf=1.012	Enrch=0.72	Dschg=1985	LASALLE
Nassy=5 burnup=4.08	kinf=1.012	Enrch=0.72	Dschg=1985	LASALLE
Nassy=23 burnup=3.91	kinf=1.015	Enrch=0.72	Dschg=1985	LASALLE
Nassy=7 burnup=3.91	kinf=1.015	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=2.64	kinf=1.031	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=2.22	kinf=1.038	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=14 burnup=2.86	kinf=1.030	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=8 burnup=3.07	kinf=1.027	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=4 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA

Nassy=18 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=2 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=1 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=5 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=16 burnup=1.77	kinf=1.044 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=4 burnup=3.28	kinf=1.024 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=2 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=24 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=6 burnup=3.09	kinf=1.026 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=2 burnup=3.09	kinf=1.026 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=4 burnup=2.76	kinf=1.030 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=4 burnup=2.76	kinf=1.030 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=11 burnup=3.50	kinf=1.020 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=11 burnup=3.50	kinf=1.020 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=22 burnup=3.98	kinf=1.015 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=8 burnup=4.72	kinf=1.006 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=16 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=44 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=2 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=26 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=4 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=1 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=44 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=36 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=8 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=2 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=1 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=18 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=5 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=1 burnup=5.00	kinf=1.488 Enrch=3.71 Dschg=1987	LACROSSE
Nassy=14 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=27 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=17 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=10 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=8 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=7 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=20 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=15 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=26 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=24 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=37 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=11 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=8 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=16 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=33 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=27 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=5 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=19 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
No bin for s 111.205414 1.163861		
No bin for s 84.235031 1.251277		
No bin for s 112.499138 1.213784		
Nassy=20 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=13 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=19 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=12 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=17 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=11 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
No bin for s 113.771339 1.154404		
No bin for s 113.771339 1.154404		
No bin for s 113.771339 1.154404		
No bin for s 113.771339 1.154404		
No bin for s 170.849915 1.142620		
No bin for s 170.902328 1.142620		
No bin for s 94.471634 1.248613		
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	SUSQUEHANNA

Nassy=33 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK
 Nassy=44 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK
 Nassy=4 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK
 Nassy=11 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK
 Nassy=1 burnup=1.97 kinf=1.483 Enrch=3.34 Dschg=1994 RVR BEND
 Nassy=15 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=132 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=21 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=8 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=24 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=44 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=12 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=17 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=132 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=40 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=3 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=32 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=88 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=13 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=20 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 No bin for p 887.186035 1.020675
 No bin for p 887.186096 1.020675
 Nassy=13 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK
 Nassy=44 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK
 Nassy=28 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK
 Nassy=7 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK
 No bin for p 888.449402 1.020434
 No bin for p 888.449463 1.020434
 Nassy=30 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 Nassy=88 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 Nassy=4 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 Nassy=3 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 Nassy=26 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 Nassy=13 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 Nassy=16 burnup=10.67 kinf=1.402 Enrch=3.73 Dschg=2024 SUSQUEHANNA
 Nassy=14 burnup=10.67 kinf=1.402 Enrch=3.73 Dschg=2024 SUSQUEHANNA
 Nassy=22 burnup=10.67 kinf=1.402 Enrch=3.73 Dschg=2024 SUSQUEHANNA
 No bin for p 885.799805 1.020941
 No bin for p 885.799744 1.020941
 No bin for p 885.799744 1.020941
 No bin for p 885.799744 1.020941
 Nassy=4 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 Nassy=176 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 Nassy=12 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 Nassy=4 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 No bin for s 204.010727 1.263075
 No bin for s 204.010727 1.263075
 No bin for s 203.979156 1.263075
 No bin for s 413.208038 1.146340
 No bin for s 413.208038 1.146340
 No bin for s 413.208038 1.146340
 No bin for s 413.259186 1.146340
 No bin for s 288.506866 1.232183
 No bin for s 288.506866 1.232183
 No bin for s 278.227936 1.231475
 No bin for s 278.314056 1.231475
 age=9 , mass= 6.141000
 age=9 , mass= 8.597000
 age=9 , mass= 6.550000
 age=9 , mass= 2.047000
 age=9 , mass= 8.188000
 age=9 , mass= 0.410000
 age=9 , mass= 1.229000
 age=9 , mass= 0.433000
 age=9 , mass= 2.596000
 age=9 , mass= 2.755000
 age=9 , mass= 16.527000
 age=9 , mass= 1.836000
 age=8 , mass= 7.369000
 age=8 , mass= 17.194000

age=8 , mass= 6.141000
age=8 , mass= 2.456000
age=8 , mass= 4.503000
age=8 , mass= 2.047000
age=8 , mass= 2.047000
age=8 , mass= 25.791000
age=8 , mass= 5.731000
age=8 , mass= 2.866000
age=8 , mass= 2.866000
age=8 , mass= 2.741000
No bin for p 953.589478 1.023227
age=8 , mass= 0.466000
age=8 , mass= 16.768999
age=8 , mass= 1.863000
age=8 , mass= 2.329000
age=8 , mass= 0.457000
age=5 , mass= 5.075000
age=5 , mass= 4.153000
age=5 , mass= 5.537000
age=5 , mass= 1.846000
age=5 , mass= 0.461000
No bin for p 1184.599243 1.049874
age=5 , mass= 0.461000
No bin for p 1184.599243 1.049874
age=5 , mass= 0.461000
No bin for p 1184.599243 1.049874
age=5 , mass= 5.075000
No bin for p 1093.616211 1.064021
age=5 , mass= 5.537000
No bin for p 1093.741943 1.064021
age=5 , mass= 4.614000
No bin for p 1093.702393 1.064021
age=5 , mass= 0.923000
No bin for p 1551.883057 1.007558
age=5 , mass= 11.073000
No bin for p 1551.462769 1.007558
age=5 , mass= 0.923000
No bin for p 1551.883057 1.007558
age=5 , mass= 2.307000
No bin for p 1551.546753 1.007558
age=5 , mass= 2.307000
No bin for p 1279.537598 1.027544
age=5 , mass= 16.611000
No bin for p 1279.583862 1.027544
age=5 , mass= 1.384000
No bin for p 1279.352661 1.027544
age=5 , mass= 7.844000
age=5 , mass= 8.767000
age=5 , mass= 3.230000

INPUT FILE LISTING:

#bins	Input_file	Output_file	Case_title	Last_delivery	
8	case11.wsm	finalw11.out	FINAL-W11	2045	
Type	Cap	Hmin	Hmax	Kmin	Kmax
p	21	0	850	0.00	1.00
p	21	0	850	1.00	1.13
p	21	0	850	1.13	1.45
p	12	850	1500	0.00	1.02
s	12	0	1500	0.00	1.13
b	44	0	400	0.00	1.00
b	44	0	400	1.00	1.37
b	24	0	520	0.00	1.54

OUTPUT FILE LISTING:

FINAL-W11
8 Bins

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	106	5.05	47.65
2011	179	8.52	78.05
2012	494	23.52	219.76
2013	883	42.05	381.26
2014	1683	80.14	731.01
2015	1528	72.76	660.99
2016	1566	74.57	683.89
2017	1739	82.81	755.05
2018	1933	92.05	830.95
2019	1798	85.62	786.01
2020	1829	87.10	797.70
2021	1664	79.24	724.38
2022	1792	85.33	781.79
2023	1742	82.95	753.03
2024	1589	75.67	690.87
2025	1711	81.48	734.27
2026	1523	72.52	665.80
2027	1879	89.48	809.51
2028	1328	63.24	584.86
2029	1408	67.05	606.59
2030	413	19.67	180.45
2031	487	23.19	206.77
2032	136	6.48	56.67
2033	49	2.33	20.90
2034	571	27.19	236.02
2035	918	43.71	388.20
2036	1449	69.00	612.55
2037	1427	67.95	590.22
2038	1271	60.52	536.35
2039	1893	90.14	802.70
2040	2018	96.10	858.58
2041	909	43.29	387.86

Bin Total 39915 1900.71 17200.67

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=1.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	312	14.86	138.96
2011	583	27.76	251.90
2012	896	42.67	396.07
2013	1871	89.10	815.23
2014	2791	132.90	1201.13

2015	2760	131.43	1191.97
2016	2801	133.38	1207.43
2017	2683	127.76	1159.88
2018	2298	109.43	994.06
2019	2485	118.33	1075.38
2020	2536	120.76	1096.59
2021	2459	117.10	1063.79
2022	2511	119.57	1087.51
2023	2556	121.71	1103.37
2024	2337	111.29	1012.08
2025	2208	105.14	951.61
2026	2598	123.71	1134.23
2027	1882	89.62	810.77
2028	2160	102.86	941.15
2029	2576	122.67	1122.31
2030	3175	151.19	1381.27
2031	2367	112.71	1033.17
2032	1935	92.14	823.59
2033	1529	72.81	643.01
2034	3015	143.57	1265.63
2035	2707	128.90	1155.80
2036	2913	138.71	1246.11
2037	3125	148.81	1363.51
2038	2899	138.05	1232.51
2039	3023	143.95	1288.68
2040	2890	137.62	1234.63
2041	1482	70.57	637.06

Bin Total	74363	3541.10	32060.38
-----------	-------	---------	----------

Type=p Cap=21 Wmin=0.0 Wmax=850.0 Kmin=1.13 Kmax=1.45

Year	Num_Assy	Num_Pkgs	MTU
2010	2	0.10	0.92
2011	99	4.71	45.85
2012	0	0.00	0.00
2013	178	8.48	73.31
2014	83	3.95	31.31
2015	15	0.71	6.81
2016	49	2.33	18.35
2017	19	0.90	6.91
2018	67	3.19	26.86
2019	81	3.86	33.85
2020	92	4.38	38.36
2021	63	3.00	27.83
2022	83	3.95	34.91
2023	211	10.05	93.61
2024	244	11.62	103.15
2025	88	4.19	36.86
2026	136	6.48	62.60
2027	517	24.62	223.48
2028	416	19.81	167.39
2029	135	6.43	61.30
2030	111	5.29	51.31
2031	469	22.33	206.61
2032	492	23.43	212.62
2033	690	32.86	243.52
2034	292	13.90	116.52
2035	187	8.90	75.27
2036	90	4.29	33.58
2037	81	3.86	35.04
2038	55	2.62	20.82
2039	19	0.90	8.38
2040	174	8.29	57.87
2041	159	7.57	68.92

Bin Total	5397	257.00	2224.14
-----------	------	--------	---------

Type=p Cap=12 Mmin=850.0 Mmax=1500.0 Kmin=0.00 Kmax=1.02

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	29	2.42	13.59
2013	69	5.75	32.11
2014	57	4.75	26.43
2015	89	7.42	46.88
2016	27	2.25	12.64
2017	89	7.42	47.09
2018	76	6.33	35.78
2019	85	7.08	44.28
2020	154	12.83	65.77
2021	86	7.17	38.75
2022	45	3.75	20.99
2023	93	7.75	41.76
2024	147	12.25	66.76
2025	151	12.58	67.69
2026	99	8.25	45.33
2027	300	25.00	132.68
2028	299	24.92	134.86
2029	705	58.75	316.35
2030	864	72.00	388.07
2031	867	72.25	379.96
2032	1118	93.17	479.84
2033	1102	91.83	483.43
2034	40	3.33	16.99
2035	59	4.92	26.87
2036	0	0.00	0.00
2037	38	3.17	17.44
2038	155	12.92	66.48
2039	0	0.00	0.00
2040	0	0.00	0.00
2041	4	0.33	1.82
Bin Total	6847	570.58	3050.67

Type=s Cap=12 Mmin=0.0 Mmax=1500.0 Kmin=0.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	125	10.42	67.55
2013	149	12.42	80.62
2014	0	0.00	0.00
2015	126	10.50	68.14
2016	126	10.50	67.86
2017	210	17.50	113.04
2018	147	12.25	79.14
2019	105	8.75	56.52
2020	105	8.75	56.52
2021	126	10.50	67.83
2022	105	8.75	56.52
2023	126	10.50	67.83
2024	96	8.00	51.68
2025	129	10.75	69.44
2026	150	12.50	80.75
2027	78	6.50	41.99
2028	111	9.25	59.75
2029	207	17.25	111.43
2030	195	16.25	104.97
2031	210	17.50	113.05
2032	180	15.00	96.90
2033	450	37.50	242.24
2034	4	0.33	2.15

2035	0	0.00	0.00
2036	0	0.00	0.00
2037	0	0.00	0.00
2038	0	0.00	0.00
2039	0	0.00	0.00
2040	79	6.58	42.87
2041	0	0.00	0.00
Bin Total	3339	278.25	1798.79

Type=b Cap=44 Hmin=0.0 Hmax=400.0 Kmin=0.00 Kmax=1.00

Year	Num Assy	Num Pkgs	MTU
2010	4	0.09	0.71
2011	199	4.52	34.65
2012	347	7.89	60.34
2013	1033	23.48	182.51
2014	1321	30.02	233.41
2015	1873	42.57	328.63
2016	1869	42.48	324.92
2017	1451	32.98	252.00
2018	2412	54.82	416.97
2019	1745	39.66	301.95
2020	1619	36.80	278.67
2021	1890	42.95	328.74
2022	2156	49.00	371.84
2023	2057	46.75	354.86
2024	2548	57.91	445.42
2025	2508	57.00	431.96
2026	2309	52.48	400.48
2027	2187	49.70	380.08
2028	2619	59.52	457.39
2029	1765	40.11	308.64
2030	2247	51.07	389.67
2031	2401	54.57	420.02
2032	1595	36.25	275.13
2033	222	5.05	38.28
2034	256	5.82	48.82
2035	351	7.98	67.37
2036	188	4.27	34.93
2037	229	5.20	41.66
2038	263	5.98	47.23
2039	410	9.32	72.93
2040	1314	29.86	232.37
2041	435	9.89	75.79
Bin Total	43823	995.98	7638.38

Type=b Cap=44 Hmin=0.0 Hmax=400.0 Kmin=1.00 Kmax=1.37

Year	Num Assy	Num Pkgs	MTU
2010	612	13.91	107.40
2011	1033	23.48	187.38
2012	2425	55.11	433.53
2013	2487	56.52	448.21
2014	4375	99.43	771.68
2015	3974	90.32	686.28
2016	3919	89.07	695.21
2017	3741	85.02	672.33
2018	3479	79.07	607.98
2019	3951	89.80	700.64
2020	3685	83.75	666.40
2021	4080	92.73	734.22
2022	3275	74.43	580.56
2023	3350	76.14	603.19
2024	3224	73.27	568.06

2025	3892	88.45	686.65
2026	3346	76.05	587.94
2027	3171	72.07	560.34
2028	3493	79.39	621.58
2029	2679	60.89	475.71
2030	2857	64.93	509.84
2031	2823	64.16	497.09
2032	3691	83.89	646.42
2033	5081	115.48	913.25
2034	6570	149.32	1145.57
2035	6579	149.52	1214.52
2036	5974	135.77	1089.28
2037	5007	113.80	905.10
2038	6223	141.43	1109.51
2039	4518	102.68	815.45
2040	3193	72.57	564.02
2041	2445	55.57	434.86

Bin Total	119152	2708.00	21240.19
-----------	--------	---------	----------

Type=b Cap=24 Hmin=0.0 Hmax=520.0 Kmin=0.00 Kmax=1.54

Year	Num_Assy	Num_Pkgs	NTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	0	0.00	0.00
2014	1	0.04	0.18
2015	0	0.00	0.00
2016	0	0.00	0.00
2017	0	0.00	0.00
2018	0	0.00	0.00
2019	0	0.00	0.00
2020	0	0.00	0.00
2021	102	4.25	16.83
2022	341	14.21	58.44
2023	5	0.21	0.85
2024	256	10.67	43.61
2025	156	6.50	27.58
2026	153	6.38	26.16
2027	362	15.08	61.93
2028	92	3.83	16.38
2029	0	0.00	0.00
2030	0	0.00	0.00
2031	628	26.17	109.47
2032	1142	47.58	197.13
2033	977	40.71	165.54
2034	493	20.54	82.71
2035	18	0.75	2.27
2036	3	0.13	0.38
2037	0	0.00	0.00
2038	48	2.00	5.21
2039	0	0.00	0.00
2040	0	0.00	0.00
2041	0	0.00	0.00

Bin Total	4777	199.04	814.65
-----------	------	--------	--------

Summary Table

Type	Cap	Num_Assy	PctType	Num_Pkg	NTU
p	21	39915	30.35	1900.71	17200.67
p	21	74363	56.54	3541.10	32060.38
p	21	5397	4.10	257.00	2224.14
p	12	6847	5.21	570.58	3050.67
s	12	3339	2.54	278.25	1798.79
b	44	43823	26.12	995.98	7638.38
b	44	119152	71.03	2708.00	21240.19

b	24	4777	2.85	199.04	814.65
b	1	0	0.00	0.00	0.00
p	1	1504	1.14	1504.00	657.55
s	1	157	0.12	157.00	84.60

Totals	299274		10450.66	86770.03	
--------	--------	--	----------	----------	--

JUNK FILE LISTING:

Nassy=1 burnup=1.87	kinf=1.529	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.45	kinf=1.536	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.53	kinf=1.535	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=1 burnup=6.38	kinf=1.455	Enrch=3.63	Dschg=1969	WEST VALLEY
Nassy=2 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=3 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=8 burnup=0.34	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.18	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.36	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.23	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=6 burnup=0.34	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=4 burnup=0.34	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.22	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=7 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.77	kinf=1.260	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.86	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.85	kinf=1.257	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.79	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=11 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.34	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.46	kinf=1.270	Enrch=1.97	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.57	kinf=1.267	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.76	kinf=1.261	Enrch=1.94	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.23	kinf=1.279	Enrch=2.00	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.46	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.09	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.27	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.28	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.32	kinf=1.275	Enrch=1.99	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.11	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.42	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.23	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=11 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.15	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.15	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.44	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=15 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.291	Enrch=2.04	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.62	kinf=1.265	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.64	kinf=1.264	Enrch=1.95	Dschg=1971	GE MORRIS (
Nassy=10 burnup=1.83	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=15 burnup=1.83	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.13	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=24 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.78	kinf=1.260	Enrch=1.94	Dschg=1971	GE MORRIS (
Nassy=2 burnup=9.28	kinf=1.410	Enrch=3.63	Dschg=1971	WEST VALLEY

Nassy=1 burnup=4.99	kinf=1.478 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=8.24	kinf=1.426 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=1.53	kinf=1.318 Enrch=2.26 Dschg=1971	DRESDEN
Nassy=1 burnup=4.49	kinf=1.250 Enrch=2.11 Dschg=1971	OYSTER CRK
Nassy=1 burnup=3.27	kinf=1.212 Enrch=1.78 Dschg=1972	GE MORRIS (
Nassy=44 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=16 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=28 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=8 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=12 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.13	kinf=1.217 Enrch=1.80 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=11 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=16 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=28 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=6 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=33 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=9 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.77	kinf=1.249 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.28	kinf=1.271 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=2.73	kinf=1.279 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=18 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=22 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=1 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=7 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=4 burnup=2.84	kinf=1.277 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=20 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=13 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=22 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=6 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=15 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=15 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=14 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=30 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=3 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=7 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.64	kinf=1.172 Enrch=1.66 Dschg=1972	GE MORRIS (
Nassy=1 burnup=8.59	kinf=1.421 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=9.12	kinf=1.413 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=8.73	kinf=1.419 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=2 burnup=4.86	kinf=1.239 Enrch=2.08 Dschg=1972	MILLSTONE
Nassy=4 burnup=6.45	kinf=1.454 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=8.75	kinf=1.418 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=7.35	kinf=1.440 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=3.88	kinf=1.262 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=2 burnup=4.96	kinf=1.246 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=1 burnup=1.05	kinf=1.365 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=0.97	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.32	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=7 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=7 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=7 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=2 burnup=4.00	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.05	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=4 burnup=1.16	kinf=1.364 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=6 burnup=4.66	kinf=1.311 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=4.69	kinf=1.310 Enrch=2.50 Dschg=1973	VT YANKEE

Nassy=2 burnup=9.23	kinf=1.411	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=2 burnup=9.23	kinf=1.411	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=1 burnup=8.77	kinf=1.418	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=4 burnup=9.10	kinf=1.413	Enrch=3.63	Dschg=1973	LACROSSE
Nassy=1 burnup=3.97	kinf=1.271	Enrch=2.19	Dschg=1973	PILGRIM
Nassy=1 burnup=2.63	kinf=1.290	Enrch=2.19	Dschg=1973	PILGRIM
Nassy=1 burnup=8.95	kinf=1.415	Enrch=3.63	Dschg=1974	WEST VALLEY
Nassy=1 burnup=8.15	kinf=1.428	Enrch=3.63	Dschg=1974	WEST VALLEY
Nassy=5 burnup=4.95	kinf=1.306	Enrch=2.50	Dschg=1974	VT YANKEE
Nassy=3 burnup=4.95	kinf=1.306	Enrch=2.50	Dschg=1974	VT YANKEE
No bin for p 5.884874 1.454020				
No bin for p 5.890479 1.454020				
Nassy=1 burnup=7.57	kinf=1.476	Enrch=3.92	Dschg=1975	LACROSSE
Nassy=1 burnup=3.71	kinf=1.263	Enrch=2.12	Dschg=1975	DUANE ARNOL
Nassy=1 burnup=3.78	kinf=1.280	Enrch=2.23	Dschg=1975	DRESDEN
Nassy=1 burnup=2.90	kinf=1.273	Enrch=2.11	Dschg=1976	BRUNSWICK
Nassy=1 burnup=3.30	kinf=1.267	Enrch=2.11	Dschg=1976	BRUNSWICK
Nassy=2 burnup=2.43	kinf=1.105	Enrch=1.11	Dschg=1976	BRUNSWICK
Nassy=2 burnup=3.05	kinf=1.320	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.30	kinf=1.315	Enrch=2.40	Dschg=1976	HUMBOLDT BA
Nassy=4 burnup=2.43	kinf=1.329	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.69	kinf=1.325	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.89	kinf=1.308	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=4.34	kinf=1.301	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=1.31	kinf=1.346	Enrch=2.41	Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=12.04	kinf=1.407	Enrch=3.92	Dschg=1977	LACROSSE
Nassy=1 burnup=12.30	kinf=1.403	Enrch=3.93	Dschg=1977	LACROSSE
Nassy=1 burnup=7.61	kinf=1.476	Enrch=3.92	Dschg=1977	LACROSSE
Nassy=1 burnup=12.42	kinf=1.401	Enrch=3.92	Dschg=1977	LACROSSE
Nassy=5 burnup=3.65	kinf=1.282	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=2 burnup=3.35	kinf=1.287	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=4 burnup=3.35	kinf=1.287	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=2 burnup=3.08	kinf=1.291	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=4 burnup=4.00	kinf=1.277	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=3 burnup=4.97	kinf=1.263	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=18 burnup=4.97	kinf=1.263	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=5 burnup=4.97	kinf=1.263	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=1 burnup=4.53	kinf=1.269	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=2 burnup=4.53	kinf=1.269	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=20 burnup=4.53	kinf=1.269	Enrch=2.23	Dschg=1978	DRESDEN
Nassy=4 burnup=3.58	kinf=1.019	Enrch=0.72	Dschg=1980	HATCH
Nassy=16 burnup=1.89	kinf=1.041	Enrch=0.72	Dschg=1980	HATCH
Nassy=3 burnup=2.53	kinf=1.032	Enrch=0.72	Dschg=1980	HATCH
Nassy=5 burnup=2.53	kinf=1.032	Enrch=0.72	Dschg=1980	HATCH
Nassy=20 burnup=2.53	kinf=1.032	Enrch=0.72	Dschg=1980	HATCH
Nassy=16 burnup=2.83	kinf=1.028	Enrch=0.72	Dschg=1980	HATCH
Nassy=3 burnup=4.31	kinf=1.009	Enrch=0.72	Dschg=1980	HATCH
Nassy=5 burnup=4.31	kinf=1.009	Enrch=0.72	Dschg=1980	HATCH
Nassy=4 burnup=3.00	kinf=1.026	Enrch=0.72	Dschg=1980	HATCH
Nassy=8 burnup=3.15	kinf=1.024	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=4.11	kinf=1.012	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=16 burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=29 burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=3 burnup=4.71	kinf=1.004	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=2.96	kinf=1.027	Enrch=0.72	Dschg=1985	SUSQUEHANNA
Nassy=4 burnup=3.14	kinf=1.024	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=4.86	kinf=1.003	Enrch=0.72	Dschg=1985	LASALLE
Nassy=6 burnup=2.92	kinf=1.027	Enrch=0.72	Dschg=1985	LASALLE
Nassy=2 burnup=2.92	kinf=1.027	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=3.41	kinf=1.021	Enrch=0.72	Dschg=1985	LASALLE
Nassy=18 burnup=4.08	kinf=1.012	Enrch=0.72	Dschg=1985	LASALLE
Nassy=30 burnup=3.91	kinf=1.015	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=2.64	kinf=1.031	Enrch=0.72	Dschg=1985	LASALLE
Nassy=8 burnup=2.22	kinf=1.038	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=14 burnup=2.86	kinf=1.030	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=8 burnup=3.07	kinf=1.027	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=1 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=30 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=11 burnup=2.65	kinf=1.033	Enrch=0.73	Dschg=1986	WASH NUCLEA
Nassy=16 burnup=1.77	kinf=1.044	Enrch=0.73	Dschg=1986	WASH NUCLEA

Nassy=1 burnup=3.28	kinf=1.024 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=3 burnup=3.28	kinf=1.024 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=26 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=8 burnup=3.09	kinf=1.026 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=2 burnup=2.76	kinf=1.030 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=6 burnup=2.76	kinf=1.030 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=12 burnup=3.50	kinf=1.020 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=7 burnup=3.98	kinf=1.015 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=15 burnup=3.98	kinf=1.015 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=8 burnup=4.72	kinf=1.006 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=11 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=21 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=40 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=4 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=16 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=2 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=4 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=44 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=13 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=28 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=1 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=1 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=6 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=9 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=7 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=1 burnup=5.00	kinf=1.488 Enrch=3.71 Dschg=1987	LACROSSE
Nassy=18 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=16 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=28 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=14 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=41 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=19 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=31 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=1 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=44 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=32 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=8 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=25 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=19 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=25 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=15 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
No bin for s 112.756371 1.163861		
No bin for s 85.644890 1.251277		
No bin for s 114.527359 1.213784		
Nassy=17 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=11 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=33 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=11 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=20 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
No bin for s 115.520226 1.154404		
No bin for s 115.520226 1.154404		
No bin for s 115.520226 1.154404		
No bin for s 115.520226 1.154404		
No bin for s 115.520226 1.154404		
No bin for s 115.520226 1.154404		
No bin for s 157.628998 1.205290		
No bin for s 154.495773 1.206209		
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	SUSQUEHANNA
Nassy=36 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=44 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=12 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=1 burnup=1.97	kinf=1.483 Enrch=3.34 Dschg=1994	RVR BEND
age=9, mass= 7.396000		
age=9, mass= 0.172000		
Nassy=29 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=8 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=36 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=8 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=36 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P

Nassy=8 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=36 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=8 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=7 burnup=7.19	kinf=1.402 Enrch=3.35 Dschg=2009	NINE MILE P
Nassy=24 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=16 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=28 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=12 burnup=7.59	kinf=1.400 Enrch=3.38 Dschg=2009	OYSTER CRK
Nassy=176 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=13 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=3 burnup=8.57	kinf=1.410 Enrch=3.56 Dschg=2012	PILGRIM
Nassy=2 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=24 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=12 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=12 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=24 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=8 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=16 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=24 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=4 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=20 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=7 burnup=6.41	kinf=1.443 Enrch=3.55 Dschg=2012	QUAD CITIES
Nassy=13 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=6 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=24 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=14 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=10 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=24 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
Nassy=1 burnup=6.61	kinf=1.438 Enrch=3.54 Dschg=2014	BRUNSWICK
age=9 , mass= 0.912000		
age=9 , mass= 3.650000		
age=9 , mass= 4.845000		
age=9 , mass= 6.460000		
age=9 , mass= 1.615000		
age=9 , mass= 4.306000		
age=9 , mass= 0.538000		
age=9 , mass= 1.615000		
age=9 , mass= 1.077000		
age=9 , mass= 2.153000		
age=9 , mass= 1.615000		
age=9 , mass= 1.615000		
age=9 , mass= 8.211000		
age=9 , mass= 0.456000		
age=9 , mass= 1.369000		
age=9 , mass= 8.211000		
age=9 , mass= 0.912000		
age=9 , mass= 8.668000		
age=9 , mass= 2.281000		
age=9 , mass= 1.228000		
age=9 , mass= 3.275000		
age=9 , mass= 5.322000		
age=9 , mass= 8.597000		
age=9 , mass= 7.369000		
age=9 , mass= 7.755000		
age=9 , mass= 1.369000		
age=9 , mass= 8.211000		
age=9 , mass= 3.193000		
age=9 , mass= 3.193000		
age=9 , mass= 3.193000		
age=9 , mass= 3.193000		
age=9 , mass= 3.649000		
age=9 , mass= 2.862000		
age=9 , mass= 2.862000		
age=9 , mass= 2.915000		
age=9 , mass= 2.632000		
age=9 , mass= 0.416000		
age=9 , mass= 1.249000		
age=9 , mass= 5.829000		
age=9 , mass= 1.636000		
age=9 , mass= 2.453000		

age=9 , mass= 6.133000
 age=9 , mass= 1.227000
 age=9 , mass= 2.632000
 age=9 , mass= 7.888000
 age=9 , mass= 1.392000
 age=9 , mass= 8.883000
 age=9 , mass= 2.115000
 age=9 , mass= 6.768000
 age=9 , mass= 4.230000
 age=9 , mass= 1.269000
 age=9 , mass= 2.682000
 age=9 , mass= 3.184000
 age=9 , mass= 4.190000
 age=9 , mass= 2.849000
 age=9 , mass= 3.825000
 age=9 , mass= 0.850000
 age=9 , mass= 0.850000
 age=9 , mass= 6.375000
 age=9 , mass= 0.850000
 age=9 , mass= 2.975000
 age=9 , mass= 5.950000
 age=9 , mass= 4.250000
 age=9 , mass= 3.060000
 age=9 , mass= 3.960000
 age=9 , mass= 3.960000
 age=9 , mass= 3.960000
 age=9 , mass= 3.960000
 age=9 , mass= 3.914000
 age=9 , mass= 7.828000
 age=9 , mass= 1.067000
 age=9 , mass= 1.601000
 age=9 , mass= 5.161000
 age=9 , mass= 1.780000
 age=9 , mass= 3.026000
 age=9 , mass= 1.243000
 age=9 , mass= 1.424000
 Nassy=8 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 age=9 , mass= 6.942000
 Nassy=39 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 age=9 , mass= 0.890000
 Nassy=5 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 age=9 , mass= 7.832000
 Nassy=44 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 age=9 , mass= 2.136000
 Nassy=12 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 age=9 , mass= 5.696000
 Nassy=32 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 age=9 , mass= 4.272000
 Nassy=24 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 age=9 , mass= 0.890000
 age=9 , mass= 2.670000
 age=9 , mass= 7.832000
 age=9 , mass= 0.356000
 age=9 , mass= 6.764000
 age=9 , mass= 0.712000
 age=9 , mass= 3.382000
 age=9 , mass= 4.450000
 age=9 , mass= 6.408000
 age=9 , mass= 1.424000
 age=9 , mass= 7.832000
 age=9 , mass= 1.602000
 age=9 , mass= 6.230000
 age=9 , mass= 3.560000
 age=9 , mass= 1.068000
 age=9 , mass= 3.204000
 age=9 , mass= 7.654000
 age=9 , mass= 0.178000
 age=9 , mass= 6.408000
 age=9 , mass= 1.424000

age=9 , mass= 2.848000
age=9 , mass= 4.984000
age=9 , mass= 5.874000
age=9 , mass= 1.958000
age=9 , mass= 7.832000
age=9 , mass= 1.068000
age=9 , mass= 6.764000
age=9 , mass= 1.424000
age=9 , mass= 3.825000
age=9 , mass= 4.250000
age=9 , mass= 4.224000
age=9 , mass= 2.288000
age=9 , mass= 7.744000
age=9 , mass= 0.704000
age=9 , mass= 7.040000
age=9 , mass= 3.696000
age=9 , mass= 4.048000
age=9 , mass= 6.688000
age=9 , mass= 1.056000
age=9 , mass= 7.744000
age=9 , mass= 1.936000
age=9 , mass= 5.808000
age=9 , mass= 4.928000
age=9 , mass= 2.640000
age=9 , mass= 0.176000
age=9 , mass= 7.744000
age=9 , mass= 0.176000
age=9 , mass= 7.568000
age=9 , mass= 3.168000
age=9 , mass= 4.576000
age=9 , mass= 6.160000
age=9 , mass= 1.584000
age=9 , mass= 7.744000
age=9 , mass= 1.408000
age=9 , mass= 4.048000
age=9 , mass= 2.288000
age=9 , mass= 4.400000
age=9 , mass= 3.344000
age=9 , mass= 7.392000
age=9 , mass= 0.352000
age=9 , mass= 7.744000
age=9 , mass= 2.640000
age=9 , mass= 5.104000
age=9 , mass= 2.640000
age=9 , mass= 6.379000
age=9 , mass= 2.069000
age=9 , mass= 5.517000
age=9 , mass= 4.999000
age=9 , mass= 2.586000
age=9 , mass= 7.585000
age=9 , mass= 0.345000
age=9 , mass= 7.241000
age=9 , mass= 1.207000
age=9 , mass= 2.069000
age=9 , mass= 4.310000
age=9 , mass= 6.206000
age=9 , mass= 1.379000
age=9 , mass= 7.586000
age=9 , mass= 1.552000
age=9 , mass= 6.034000
age=9 , mass= 4.482000
age=9 , mass= 3.103000
age=9 , mass= 2.586000
age=9 , mass= 4.827000
age=9 , mass= 0.172000
age=9 , mass= 7.585000
age=9 , mass= 2.758000
age=9 , mass= 4.827000
age=9 , mass= 5.689000
age=9 , mass= 1.896000

age=9 , mass= 7.585000
age=9 , mass= 1.034000
age=9 , mass= 2.241000
age=9 , mass= 4.310000
age=9 , mass= 3.965000
age=9 , mass= 1.672000
age=9 , mass= 3.344000
age=9 , mass= 6.688000
age=9 , mass= 2.090000
age=9 , mass= 7.942000
age=9 , mass= 0.836000
age=9 , mass= 0.836000
age=9 , mass= 7.942000
age=9 , mass= 0.418000
age=9 , mass= 8.360000
age=9 , mass= 1.672000
age=9 , mass= 7.106000
age=9 , mass= 1.254000
age=9 , mass= 1.672000
age=9 , mass= 5.852000
age=9 , mass= 4.180000
age=9 , mass= 3.762000
age=9 , mass= 4.260000
age=9 , mass= 1.420000
age=9 , mass= 5.148000
age=9 , mass= 1.242000
age=9 , mass= 7.810000
age=9 , mass= 1.420000
age=9 , mass= 6.393000
age=9 , mass= 4.795000
age=8 , mass= 0.850000
age=8 , mass= 1.021000
age=9 , mass= 1.227000
age=9 , mass= 1.577000
age=9 , mass= 0.462000
age=9 , mass= 2.742000
age=9 , mass= 5.484000
age=9 , mass= 1.371000
age=9 , mass= 2.495000
age=9 , mass= 0.178000
age=9 , mass= 3.748000
age=9 , mass= 2.320000
age=9 , mass= 4.820000
age=9 , mass= 0.714000
age=9 , mass= 3.213000
age=9 , mass= 2.499000
age=9 , mass= 2.134000
age=9 , mass= 2.311000
age=9 , mass= 1.317000
age=9 , mass= 4.828000
age=9 , mass= 0.439000
age=9 , mass= 1.317000
age=9 , mass= 2.194000
age=9 , mass= 0.878000
age=9 , mass= 1.312000
age=9 , mass= 3.936000
age=9 , mass= 5.249000
age=9 , mass= 1.312000
age=9 , mass= 3.074000
age=9 , mass= 3.953000
age=9 , mass= 4.630000
No bin for p 860.316284 1.037111
age=9 , mass= 0.463000
No bin for p 860.316284 1.037111
age=9 , mass= 3.704000
age=9 , mass= 1.389000
No bin for p 936.022095 1.022428
age=9 , mass= 1.852000
No bin for p 936.022034 1.022428
age=9 , mass= -3.241000

No bin for p 936.022034 1.022428
 age=9 , mass= 0.463000
 age=9 , mass= 0.926000
 age=9 , mass= 4.630000
 No bin for p 884.535889 1.032072
 age=9 , mass= 2.778000
 No bin for p 884.535950 1.032072
 age=9 , mass= 2.778000
 No bin for p 884.535950 1.032072
 age=9 , mass= 5.556000
 No bin for p 884.535950 1.032072
 age=9 , mass= 0.463000
 No bin for p 884.535889 1.032072
 age=9 , mass= 1.269000
 age=9 , mass= 4.230000
 age=9 , mass= 4.653000
 age=9 , mass= 8.883000
 age=9 , mass= 2.961000
 age=9 , mass= 2.737000
 age=9 , mass= 19.160000
 age=9 , mass= 1.825000
 age=8 , mass= 3.816000
 age=8 , mass= 2.120000
 age=8 , mass= 1.696000
 age=8 , mass= 1.272000
 age=8 , mass= 1.696000
 age=8 , mass= 3.392000
 age=8 , mass= 5.088000
 age=8 , mass= 1.696000
 age=8 , mass= 0.848000
 age=8 , mass= 2.544000
 age=8 , mass= 5.088000
 age=8 , mass= 0.424000
 age=9 , mass= 0.848000
 age=8 , mass= 6.460000
 age=8 , mass= 4.306000
 age=8 , mass= 6.998000
 age=8 , mass= 1.615000
 age=8 , mass= 4.845000
 age=9 , mass= 0.538000
 age=9 , mass= 1.077000
 age=9 , mass= 4.844000
 age=8 , mass= 1.662000
 age=8 , mass= 4.987000
 age=8 , mass= 2.909000
 age=9 , mass= 0.831000
 age=9 , mass= 4.411000
 age=9 , mass= 4.411000
 age=9 , mass= 3.609000
 age=9 , mass= 1.203000
 age=9 , mass= 4.812000
 age=9 , mass= 1.203000
 age=8 , mass= 5.444000
 age=8 , mass= 5.268000
 age=8 , mass= 2.458000
 age=8 , mass= 6.673000
 age=8 , mass= 1.054000
 age=9 , mass= 0.527000
 age=9 , mass= 3.337000
 age=8 , mass= 2.115000
 age=8 , mass= 3.807000
 age=9 , mass= 0.423000
 age=9 , mass= 1.692000
 age=9 , mass= 3.384000
 age=9 , mass= 6.768000
 age=8 , mass= 1.269000
 age=8 , mass= 2.538000
 age=8 , mass= 3.384000
 age=8 , mass= 2.737000
 age=8 , mass= 3.194000

age=8 , mass= 6.387000
age=8 , mass= 0.456000
age=8 , mass= 2.737000
age=8 , mass= 6.387000
age=8 , mass= 1.369000
age=8 , mass= 8.212000
age=8 , mass= 2.281000
age=8 , mass= 7.299000
age=8 , mass= 3.193000
age=8 , mass= 3.193000
age=8 , mass= 3.193000
age=8 , mass= 3.193000
age=8 , mass= 6.387000
age=8 , mass= 3.193000
age=8 , mass= 2.737000
age=8 , mass= 3.650000
age=8 , mass= 2.281000
age=8 , mass= 7.299000
age=8 , mass= 2.281000
age=8 , mass= 6.387000
age=9 , mass= 5.076000
age=9 , mass= 8.883000
age=9 , mass= 8.037000
age=9 , mass= 0.846000
age=9 , mass= 0.846000
age=9 , mass= 2.538000
age=9 , mass= 1.034000
age=9 , mass= 1.896000
age=9 , mass= 5.689000
age=9 , mass= 0.517000
age=9 , mass= 4.310000
age=9 , mass= 2.758000
age=9 , mass= 7.586000
age=9 , mass= 0.172000
age=9 , mass= 7.413000
age=9 , mass= 3.103000
age=9 , mass= 0.172000
age=9 , mass= 0.690000
age=9 , mass= 1.638000
age=9 , mass= 2.866000
age=9 , mass= 25.792000
age=9 , mass= 1.638000
age=9 , mass= 1.228000
age=9 , mass= 2.454000
age=9 , mass= 0.818000
age=9 , mass= 2.454000
age=9 , mass= 1.755000
age=9 , mass= 0.877000
age=9 , mass= 2.915000
age=9 , mass= 2.194000
age=9 , mass= 3.071000
age=9 , mass= 1.316000
age=9 , mass= 5.725000
age=9 , mass= 1.636000
age=9 , mass= 4.089000
age=9 , mass= 4.164000
age=9 , mass= 0.416000
age=9 , mass= 2.915000
age=9 , mass= 0.379000
age=9 , mass= 4.125000
age=9 , mass= 11.000000
age=9 , mass= 3.667000
age=9 , mass= 1.833000
age=9 , mass= 0.458000
age=9 , mass= 0.884000
age=9 , mass= 1.769000
age=9 , mass= 6.176000
age=9 , mass= 1.544000
age=9 , mass= 7.720000
age=9 , mass= 0.386000

age=9 , mass= 8.106000
 age=9 , mass= 0.772000
 age=9 , mass= 3.088000
 age=9 , mass= 4.246000
 age=9 , mass= 1.930000
 age=9 , mass= 1.544000
 age=9 , mass= 4.632000
 age=9 , mass= 3.088000
 age=9 , mass= 5.018000
 age=9 , mass= 4.246000
 age=9 , mass= 3.860000
 age=9 , mass= 2.316000
 age=9 , mass= 3.088000
 age=9 , mass= 2.702000
 age=9 , mass= 6.562000
 age=9 , mass= 1.544000
 age=9 , mass= 7.720000
 age=9 , mass= 0.386000
 age=9 , mass= 3.088000
 age=9 , mass= 7.208000
 age=9 , mass= 3.816000
 age=9 , mass= 2.544000
 age=9 , mass= 2.544000
 age=9 , mass= 0.848000
 age=9 , mass= 2.544000
 age=9 , mass= 1.696000
 age=9 , mass= 1.696000
 age=9 , mass= 1.272000
 age=9 , mass= 5.936000
 age=9 , mass= 1.696000
 age=9 , mass= 3.712000
 age=9 , mass= 3.248000
 age=9 , mass= 1.392000
 age=9 , mass= 5.104000
 age=9 , mass= 6.032000
 age=9 , mass= 3.712000
 age=9 , mass= 5.104000
 age=9 , mass= 2.320000
 age=9 , mass= 2.320000
 age=9 , mass= 3.248000
 age=9 , mass= 3.632000
 No bin for p 883.696716 1.026480
 age=9 , mass= 1.816000
 No bin for p 883.696716 1.026480
 age=9 , mass= 5.448000
 No bin for p 883.696716 1.026480
 age=9 , mass= 2.270000
 No bin for p 883.696716 1.026480
 age=9 , mass= 3.178000
 No bin for p 883.696716 1.026480
 age=9 , mass= 5.448000
 No bin for p 883.696716 1.026480
 age=9 , mass= 0.908000
 No bin for p 883.696716 1.026480
 age=9 , mass= 0.908000
 No bin for p 883.696716 1.026480
 age=9 , mass= 7.718000
 age=9 , mass= 0.908000
 age=9 , mass= 1.362000
 age=9 , mass= 6.459000
 age=9 , mass= 1.077000
 age=9 , mass= 3.230000
 age=9 , mass= 2.153000
 age=9 , mass= 12.920000
 age=9 , mass= 2.153000
 age=9 , mass= 2.153000
 age=8 , mass= 2.784000
 age=8 , mass= 5.568000
 age=8 , mass= 1.392000
 No bin for p 856.252441 1.024948

age=9 , mass= 5.104000
age=9 , mass= 5.783000
age=9 , mass= 1.701000
age=9 , mass= 0.851000
age=9 , mass= 6.634000
age=9 , mass= 14.969000
age=9 , mass= 4.763000
age=9 , mass= 1.666000
age=9 , mass= 1.249000
age=9 , mass= 3.271000
age=9 , mass= 0.409000
age=9 , mass= 2.045000
age=9 , mass= 6.662000
age=9 , mass= 0.833000
age=9 , mass= 7.769000
age=9 , mass= 2.044000
age=9 , mass= 1.636000
age=9 , mass= 2.632000
age=9 , mass= 2.632000
age=9 , mass= 3.510000
age=9 , mass= 0.439000
age=9 , mass= 1.638000
age=9 , mass= 4.094000
age=9 , mass= 17.194000
age=9 , mass= 7.778000
age=9 , mass= 0.819000
age=9 , mass= 1.638000
age=8 , mass= 2.961000
age=8 , mass= 2.538000
age=8 , mass= 6.345000
age=8 , mass= 6.768000
age=9 , mass= 6.480000
age=9 , mass= 0.540000
age=9 , mass= 7.380000
age=9 , mass= 0.540000
age=9 , mass= 7.200000
age=9 , mass= 0.180000
age=9 , mass= 0.540000
age=9 , mass= 7.380000
age=9 , mass= 0.540000
age=9 , mass= 1.440000
age=9 , mass= 4.675000
age=9 , mass= 1.275000
age=9 , mass= 3.400000
age=9 , mass= 5.525000
age=9 , mass= 3.400000
age=9 , mass= 5.100000
age=9 , mass= 0.425000
age=9 , mass= 0.425000
age=9 , mass= 0.425000
age=9 , mass= 3.736000
age=9 , mass= 3.558000
age=9 , mass= 4.270000
age=9 , mass= 2.846000
age=9 , mass= 0.710000
age=9 , mass= 3.729000
age=9 , mass= 0.534000
age=9 , mass= 3.560000
age=9 , mass= 4.272000
age=9 , mass= 2.321000
age=9 , mass= 3.570000
age=9 , mass= 4.284000
age=9 , mass= 6.604000
age=9 , mass= 1.250000
age=9 , mass= 7.854000
age=9 , mass= 1.785000
age=9 , mass= 6.069000
age=9 , mass= 4.819000
age=9 , mass= 3.035000
age=9 , mass= 7.854000

age=9 , mass= 5.534000
 age=9 , mass= 2.321000
 age=9 , mass= 3.034000
 age=9 , mass= 4.819000
 age=9 , mass= 6.069000
 age=9 , mass= 1.785000
 age=9 , mass= 7.854000
 age=9 , mass= 1.249000
 age=9 , mass= 6.604000
 age=9 , mass= 4.284000
 age=9 , mass= 3.391000
 age=9 , mass= 0.179000
 age=9 , mass= 7.319000
 age=9 , mass= 0.536000
 age=9 , mass= 7.854000
 age=9 , mass= 2.499000
 age=9 , mass= 5.355000
 age=9 , mass= 5.533000
 age=9 , mass= 2.321000
 age=9 , mass= 7.854000
 age=9 , mass= 0.535000
 age=9 , mass= 0.335000
 age=9 , mass= 3.352000
 age=9 , mass= 4.022000
 age=9 , mass= 6.201000
 age=9 , mass= 1.173000
 age=9 , mass= 7.374000
 age=9 , mass= 1.676000
 age=9 , mass= 5.698000
 age=9 , mass= 0.335000
 age=9 , mass= 4.190000
 age=9 , mass= 2.849000
 age=9 , mass= 7.374000
 age=9 , mass= 7.374000
 age=9 , mass= 2.346000
 age=9 , mass= 0.503000
 age=9 , mass= 4.525000
 age=9 , mass= 5.698000
 age=9 , mass= 1.676000
 age=9 , mass= 5.028000
 age=9 , mass= 2.346000
 age=9 , mass= 1.173000
 age=9 , mass= 6.201000
 age=9 , mass= 4.022000
 age=9 , mass= 3.352000
 age=9 , mass= 3.017000
 age=9 , mass= 3.855000
 age=9 , mass= 0.503000
 age=9 , mass= 7.374000
 age=9 , mass= 2.346000
 age=9 , mass= 5.028000
 age=9 , mass= 5.196000
 age=9 , mass= 2.179000
 age=9 , mass= 7.374000
 age=9 , mass= 0.670000
 age=9 , mass= 1.676000
 age=8 , mass= 3.552000
 age=8 , mass= 2.309000
 age=8 , mass= 7.814000
 age=8 , mass= 0.710000
 age=8 , mass= 3.197000
 age=8 , mass= 3.905000
 age=8 , mass= 1.775000
 age=8 , mass= 1.952000
 age=8 , mass= 4.082000
 age=8 , mass= 6.745000
 age=9 , mass= 2.840000
 age=8 , mass= 0.700000
 age=8 , mass= 5.252000
 age=8 , mass= 2.626000

age=8 , mass= 1.227000
 age=8 , mass= 1.051000
 age=8 , mass= 4.204000
 age=8 , mass= 0.876000
 age=8 , mass= 0.701000
 age=8 , mass= 2.629000
 age=8 , mass= 4.206000
 age=8 , mass= 3.856000
 age=8 , mass= 1.577000
 age=8 , mass= 0.462000
 age=8 , mass= 5.027000
 age=8 , mass= 1.828000
 age=8 , mass= 2.285000
 age=8 , mass= 5.484000
 age=8 , mass= 3.199000
 age=8 , mass= 2.285000
 age=8 , mass= 4.113000
 age=9 , mass= 3.950000
 age=9 , mass= 3.950000
 age=9 , mass= 1.312000
 age=9 , mass= 0.437000
 age=9 , mass= 4.811000
 age=9 , mass= 4.811000
 age=9 , mass= 0.439000
 age=9 , mass= 0.439000
 age=9 , mass= 2.194000
 age=9 , mass= 1.312000
 age=9 , mass= 1.323000
 age=9 , mass= 5.291000
 age=9 , mass= 0.441000
 age=9 , mass= 2.205000
 age=8 , mass= 3.620000
 age=8 , mass= 6.034000
 age=8 , mass= 1.552000
 age=8 , mass= 7.586000
 age=8 , mass= 1.379000
 age=8 , mass= 6.206000
 age=8 , mass= 4.310000
 age=8 , mass= 3.276000
 age=8 , mass= 5.344000
 age=8 , mass= 1.896000
 Nassy=11 burnup=10.67 kinf=1.402 Enrch=3.73 Dschg=2024 SUSQUEHANNA
 age=8 , mass= 0.345000
 Nassy=2 burnup=10.67 kinf=1.402 Enrch=3.73 Dschg=2024 SUSQUEHANNA
 age=8 , mass= 6.724000
 Nassy=39 burnup=10.67 kinf=1.402 Enrch=3.73 Dschg=2024 SUSQUEHANNA
 age=8 , mass= 0.862000
 age=8 , mass= 2.586000
 age=8 , mass= 1.552000
 age=8 , mass= 8.275000
 age=8 , mass= 0.690000
 age=8 , mass= 3.448000
 age=8 , mass= 4.138000
 age=8 , mass= 2.931000
 age=8 , mass= 1.207000
 age=8 , mass= 8.275000
 age=8 , mass= 1.034000
 age=8 , mass= 5.689000
 age=8 , mass= 0.862000
 age=8 , mass= 3.965000
 age=8 , mass= 0.345000
 age=8 , mass= 7.586000
 age=8 , mass= 2.586000
 age=8 , mass= 5.000000
 age=8 , mass= 5.517000
 age=8 , mass= 2.069000
 age=8 , mass= 7.586000
 age=8 , mass= 0.862000
 age=8 , mass= 6.379000
 age=8 , mass= 5.499000

age=9 , mass= 1.269000
 age=9 , mass= 2.115000
 age=9 , mass= 1.692000
 age=9 , mass= 1.269000
 age=8 , mass= 8.883000
 age=8 , mass= 3.384000
 age=8 , mass= 5.499000
 age=8 , mass= 2.961000
 age=9 , mass= 4.237000
 age=9 , mass= 1.695000
 age=9 , mass= 3.051000
 age=9 , mass= 1.016000
 age=9 , mass= 1.693000
 age=9 , mass= 2.370000
 age=9 , mass= 4.063000
 age=9 , mass= 1.016000
 age=9 , mass= 3.047000
 age=9 , mass= 1.016000
 age=9 , mass= 3.042000
 age=9 , mass= 0.338000
 age=9 , mass= 3.718000
 age=9 , mass= 3.718000
 age=9 , mass= 0.338000
 age=9 , mass= 4.056000
 age=9 , mass= 2.028000
 age=8 , mass= 0.456000
 age=8 , mass= 4.562000
 age=8 , mass= 6.387000
 age=8 , mass= 3.193000
 age=8 , mass= 7.755000
 age=9 , mass= 1.369000
 age=9 , mass= 6.843000
 age=9 , mass= 2.737000
 age=9 , mass= 0.456000
 age=8 , mass= 7.208000
 age=8 , mass= 1.696000
 age=8 , mass= 2.968000
 No bin for p 883.116028 1.021671
 age=8 , mass= 0.424000
 age=8 , mass= 10.176000
 age=8 , mass= 1.272000
 age=8 , mass= 3.816000
 age=8 , mass= 2.120000
 age=8 , mass= 1.696000
 age=8 , mass= 6.460000
 age=8 , mass= 1.615000
 age=8 , mass= 4.845000
 age=8 , mass= 1.077000
 age=8 , mass= 5.383000
 age=8 , mass= 1.615000
 age=8 , mass= 3.768000
 age=8 , mass= 1.077000
 age=8 , mass= 1.615000
 age=9 , mass= 3.230000
 age=7 , mass= 3.241000
 No bin for p 984.438965 1.042830
 age=8 , mass= 1.852000
 No bin for p 913.558777 1.039771
 age=8 , mass= 1.852000
 age=8 , mass= 1.852000
 age=8 , mass= 1.852000
 No bin for p 939.478638 1.034804
 age=8 , mass= 1.852000
 No bin for p 939.478638 1.034804
 age=8 , mass= 5.556000
 No bin for p 939.478699 1.034804
 age=8 , mass= 3.704000
 No bin for p 939.478638 1.034804
 age=9 , mass= 2.315000
 No bin for p 885.742493 1.031826

age=9 , mass= 0.926000
No bin for p 885.742493 1.031826
age=9 , mass= 3.241000
age=9 , mass= 1.389000
No bin for p 937.383484 1.022188
age=9 , mass= 3.241000
No bin for p 937.383423 1.022188
age=9 , mass= 1.852000
No bin for p 937.383423 1.022188
age=9 , mass= 0.463000
age=9 , mass= 0.926000
age=8 , mass= 5.922000
age=8 , mass= 7.614000
age=8 , mass= 1.269000
age=8 , mass= 8.883000
age=8 , mass= 0.846000
age=8 , mass= 1.692000
age=9 , mass= 3.807000
age=9 , mass= 2.538000
age=8 , mass= 6.960000
age=8 , mass= 17.194000
age=8 , mass= 5.322000
age=8 , mass= 3.275000
age=8 , mass= 1.638000
age=8 , mass= 2.632000
age=8 , mass= 3.331000
age=8 , mass= 0.833000
age=8 , mass= 3.331000
age=8 , mass= 0.818000
age=8 , mass= 4.907000
age=8 , mass= 0.818000
age=8 , mass= 4.089000
age=8 , mass= 0.818000
age=8 , mass= 4.387000
age=8 , mass= 0.877000
age=9 , mass= 0.439000
age=9 , mass= 0.877000
age=9 , mass= 2.915000
age=9 , mass= 1.227000
age=9 , mass= 4.498000
age=8 , mass= 1.310000
age=8 , mass= 0.873000
age=8 , mass= 0.437000
age=8 , mass= 5.097000
age=8 , mass= 11.121000
age=8 , mass= 5.097000
age=9 , mass= 0.374000
age=8 , mass= 5.088000
age=8 , mass= 2.120000
age=8 , mass= 0.424000
age=8 , mass= 2.544000
age=8 , mass= 5.088000
age=8 , mass= 3.816000
age=9 , mass= 0.848000
age=9 , mass= 2.120000
age=9 , mass= 1.696000
age=9 , mass= 0.848000
age=9 , mass= 3.392000
age=9 , mass= 2.544000
age=8 , mass= 3.400000
age=8 , mass= 3.825000
age=8 , mass= 6.375000
age=8 , mass= 2.550000
age=8 , mass= 7.650000
age=8 , mass= 1.275000
age=8 , mass= 8.925000
age=8 , mass= 1.700000
age=8 , mass= 7.225000
age=8 , mass= 1.275000
age=8 , mass= 7.650000

age=8 , mass= 1.275000
age=8 , mass= 1.275000
No bin for p 852.709961 1.021672
age=8 , mass= 6.375000
No bin for p 852.710022 1.021672
age=8 , mass= 3.825000
No bin for p 852.710022 1.021672
age=8 , mass= 1.275000
No bin for p 852.709961 1.021672
age=8 , mass= 5.100000
No bin for p 852.709961 1.021672
age=8 , mass= 3.825000
No bin for p 852.710022 1.021672
age=8 , mass= 1.275000
No bin for p 852.709961 1.021672
age=8 , mass= 5.950000
No bin for p 852.709961 1.021672
age=6 , mass= 6.464000
age=6 , mass= 22.452999
age=7 , mass= 1.871000
age=8 , mass= 0.510000
age=8 , mass= 3.572000
age=8 , mass= 4.083000
age=8 , mass= 1.871000
age=8 , mass= 2.722000
age=8 , mass= 37.422001
age=8 , mass= 6.124000
age=8 , mass= 1.361000
age=8 , mass= 0.680000
age=8 , mass= 1.531000
age=8 , mass= 37.422001
age=8 , mass= 0.851000
age=8 , mass= 1.021000
age=9 , mass= 3.384000
age=9 , mass= 1.692000
age=8 , mass= 2.115000
age=8 , mass= 8.037000
age=8 , mass= 0.846000
age=8 , mass= 0.846000
age=8 , mass= 4.230000
age=8 , mass= 4.230000
age=8 , mass= 0.846000
age=8 , mass= 5.076000
age=8 , mass= 4.230000
age=8 , mass= 0.846000
age=8 , mass= 5.076000
age=8 , mass= 4.230000
age=8 , mass= 0.846000
age=8 , mass= 5.076000
age=8 , mass= 4.230000
age=8 , mass= 0.846000
age=8 , mass= 4.653000
age=8 , mass= 4.230000
age=8 , mass= 0.423000
age=8 , mass= 8.460000
age=8 , mass= 1.692000
age=9 , mass= 5.499000
age=8 , mass= 7.299000
age=8 , mass= 1.825000
age=8 , mass= 7.299000
age=8 , mass= 1.825000
age=8 , mass= 0.456000
age=8 , mass= 5.474000
age=8 , mass= 5.018000
age=8 , mass= 0.456000
age=8 , mass= 5.474000
age=8 , mass= 5.018000
age=8 , mass= 0.456000
age=8 , mass= 5.474000
age=8 , mass= 5.018000

age=8 , mass= 4.562000
 age=8 , mass= 6.387000
 age=8 , mass= 3.193000
 age=8 , mass= 7.755000
 age=8 , mass= 1.825000
 age=8 , mass= 9.124000
 age=8 , mass= 0.456000
 age=8 , mass= 3.650000
 age=8 , mass= 7.218000
 age=8 , mass= 1.203000
 age=7 , mass= 5.614000
 age=7 , mass= 4.010000
 age=8 , mass= 4.010000
 age=8 , mass= 0.802000
 age=8 , mass= 4.010000
 age=8 , mass= 0.802000
 age=8 , mass= 4.010000
 age=8 , mass= 4.812000
 age=8 , mass= 0.802000
 age=8 , mass= 4.010000
 age=8 , mass= 4.812000
 age=8 , mass= 0.802000
 age=8 , mass= 4.010000
 age=8 , mass= 4.812000
 age=8 , mass= 0.802000
 age=8 , mass= 4.010000
 age=8 , mass= 4.812000
 age=8 , mass= 0.802000
 age=8 , mass= 6.416000
 age=8 , mass= 1.203000
 age=8 , mass= 2.005000
 age=7 , mass= 4.411000
 age=7 , mass= 5.213000
 age=8 , mass= 1.604000
 age=9 , mass= 1.392000
 age=9 , mass= 5.104000
 age=9 , mass= 5.568000
 age=9 , mass= 0.464000
 age=9 , mass= 2.784000
 age=7 , mass= 4.176000
 age=7 , mass= 0.928000
 age=8 , mass= 4.176000
 age=8 , mass= 4.907000
 age=8 , mass= 4.498000
 age=8 , mass= 4.089000
 age=8 , mass= 5.725000
 age=8 , mass= 2.862000
 age=8 , mass= 6.951000
 age=8 , mass= 1.636000
 age=8 , mass= 8.178000
 age=8 , mass= 0.409000
 age=8 , mass= 8.587000
 age=8 , mass= 0.818000
 age=8 , mass= 7.769000
 age=8 , mass= 2.045000
 age=8 , mass= 5.725000
 age=8 , mass= 0.818000
 age=8 , mass= 3.271000
 age=8 , mass= 1.636000
 age=8 , mass= 4.907000
 age=8 , mass= 3.271000
 age=8 , mass= 1.636000
 age=8 , mass= 4.907000
 age=8 , mass= 3.271000
 age=8 , mass= 1.636000
 age=8 , mass= 4.907000
 age=8 , mass= 3.271000
 age=8 , mass= 0.818000
 age=8 , mass= 2.153000
 age=8 , mass= 5.383000

age=8 , mass= 1.077000
age=8 , mass= 2.153000
age=8 , mass= 4.306000
age=8 , mass= 12.920000
age=9 , mass= 2.153000
age=7 , mass= 2.278000
age=7 , mass= 6.835000
age=6 , mass= 4.557000
age=6 , mass= 6.134000
age=6 , mass= 1.577000
age=6 , mass= 7.711000
age=6 , mass= 1.402000
age=7 , mass= 2.454000
age=7 , mass= 0.701000
age=7 , mass= 7.010000
age=7 , mass= 0.526000
age=7 , mass= 0.876000
age=7 , mass= 1.928000
age=7 , mass= 5.783000
age=7 , mass= 2.103000
age=7 , mass= 2.103000
age=7 , mass= 8.412000
age=7 , mass= 0.175000
age=7 , mass= 4.031000
age=7 , mass= 4.206000
age=7 , mass= 2.454000
age=7 , mass= 1.753000
age=7 , mass= 3.330000
age=7 , mass= 4.381000
age=7 , mass= 1.227000
age=7 , mass= 7.185000
age=7 , mass= 3.505000
age=7 , mass= 4.206000
age=7 , mass= 6.484000
age=7 , mass= 1.227000
age=7 , mass= 2.804000
age=7 , mass= 2.107000
age=7 , mass= 2.810000
age=7 , mass= 1.405000
age=8 , mass= 7.551000
age=8 , mass= 3.161000
age=8 , mass= 4.566000
age=8 , mass= 3.161000
age=7 , mass= 6.960000
age=7 , mass= 17.194000
age=7 , mass= 2.866000
age=8 , mass= 5.731000
age=8 , mass= 0.819000
age=8 , mass= 0.819000
age=7 , mass= 5.568000
age=7 , mass= 0.928000
age=7 , mass= 9.744000
age=7 , mass= 0.464000
age=7 , mass= 5.568000
age=7 , mass= 3.712000
age=7 , mass= 1.856000
age=7 , mass= 7.888000
age=7 , mass= 3.248000
age=7 , mass= 4.176000
age=7 , mass= 2.320000
age=7 , mass= 4.640000
age=7 , mass= 5.104000
age=7 , mass= 6.032000
age=7 , mass= 3.712000
age=7 , mass= 7.424000
age=7 , mass= 2.320000
age=7 , mass= 5.568000
No bin for p 1000.093079 1.025771
age=7 , mass= 3.248000
No bin for p 1000.093079 1.025771

age=7 , mass= 2.320000
No bin for p 1000.093079 1.025771
age=7 , mass= 3.712000
No bin for p 1000.093079 1.025771
age=7 , mass= 5.940000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 2.880000
age=7 , mass= 4.500000
age=6 , mass= 3.960000
age=6 , mass= 3.960000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 2.880000
age=7 , mass= 4.500000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 7.380000
age=7 , mass= 0.540000
age=7 , mass= 4.320000
age=7 , mass= 3.825000
age=7 , mass= 4.250000
age=7 , mass= 0.850000
age=7 , mass= 5.100000
age=7 , mass= 2.975000
age=7 , mass= 2.125000
age=7 , mass= 4.675000
age=7 , mass= 0.425000
age=7 , mass= 1.700000
age=7 , mass= 2.550000
age=7 , mass= 4.675000
age=7 , mass= 1.700000
age=6 , mass= 4.675000
age=6 , mass= 4.250000
age=6 , mass= 4.675000
age=6 , mass= 0.850000
age=6 , mass= 3.400000
age=7 , mass= 1.700000
age=7 , mass= 6.800000
age=7 , mass= 0.425000
age=7 , mass= 1.700000
age=7 , mass= 7.225000
age=7 , mass= 1.700000
age=7 , mass= 7.225000
age=7 , mass= 1.700000
age=7 , mass= 5.525000
age=8 , mass= 1.692000
age=8 , mass= 2.961000
age=8 , mass= 2.115000

age=8 , mass= 0.846000
 age=8 , mass= 5.499000
 age=8 , mass= 1.692000
 age=7 , mass= 7.191000
 age=7 , mass= 2.961000
 age=7 , mass= 5.922000
 age=8 , mass= 0.356000
 age=8 , mass= 5.873000
 age=8 , mass= 1.958000
 age=8 , mass= 1.780000
 age=8 , mass= 4.092000
 age=8 , mass= 1.957000
 age=8 , mass= 5.871000
 age=8 , mass= 1.957000
 age=8 , mass= 0.534000
 age=8 , mass= 4.439000
 age=7 , mass= 0.462000
 age=7 , mass= 0.914000
 age=7 , mass= 3.199000
 age=8 , mass= 0.914000
 age=8 , mass= 4.570000
 age=8 , mass= 0.914000
 age=8 , mass= 4.570000
 age=8 , mass= 0.914000
 age=8 , mass= 5.484000
 age=8 , mass= 2.742000
 age=8 , mass= 2.635000
 age=8 , mass= 5.270000
 age=8 , mass= 0.439000
 age=8 , mass= 0.878000
 age=8 , mass= 1.312000
 age=8 , mass= 2.633000
 age=8 , mass= 0.439000
 age=8 , mass= 4.828000
 age=8 , mass= 0.439000
 age=8 , mass= 2.633000
 age=8 , mass= 2.187000
 age=8 , mass= 5.249000
 age=8 , mass= 0.437000
 age=8 , mass= 3.499000
 age=7 , mass= 4.933000
 age=7 , mass= 16.329000
 age=7 , mass= 3.742000
 age=7 , mass= 0.340000
 age=7 , mass= 1.021000
 age=7 , mass= 3.062000
 age=7 , mass= 4.082000
 age=8 , mass= 0.170000
 age=8 , mass= 1.021000
 age=8 , mass= 0.846000
 age=8 , mass= 1.692000
 age=8 , mass= 0.423000
 age=7 , mass= 6.345000
 age=7 , mass= 8.883000
 age=7 , mass= 5.076000
 age=7 , mass= 0.423000
 age=7 , mass= 3.384000
 age=7 , mass= 2.115000
 age=8 , mass= 3.384000
 age=7 , mass= 3.178000
 No bin for p 982.948914 1.031275
 age=7 , mass= 4.994000
 No bin for p 982.948914 1.031275
 age=7 , mass= 0.454000
 No bin for p 982.948914 1.031275
 age=7 , mass= 5.448000
 No bin for p 982.948914 1.031275
 age=7 , mass= 3.632000
 No bin for p 982.948914 1.031275
 age=7 , mass= 1.816000

No bin for p 982.948914 1.031275
age=7 , mass= 5.448000
No bin for p 982.948914 1.031275
age=7 , mass= 2.270000
No bin for p 982.948914 1.031275
age=7 , mass= 3.178000
No bin for p 982.948914 1.031275
age=7 , mass= 5.448000
No bin for p 982.948914 1.031275
age=7 , mass= 0.908000
No bin for p 982.948914 1.031275
age=7 , mass= 1.362000
No bin for p 982.948914 1.031275
age=7 , mass= 7.264000
age=7 , mass= 0.908000
age=7 , mass= 5.902000
age=7 , mass= 3.632000
age=7 , mass= 5.902000
age=7 , mass= 0.454000
age=7 , mass= 3.178000
age=7 , mass= 5.902000
age=7 , mass= 3.632000
age=7 , mass= 4.994000
age=7 , mass= 4.540000
age=7 , mass= 3.178000
age=7 , mass= 7.912000
age=7 , mass= 2.082000
age=7 , mass= 6.662000
age=7 , mass= 3.331000
age=7 , mass= 5.413000
age=7 , mass= 4.580000
age=7 , mass= 4.164000
age=7 , mass= 5.830000
age=7 , mass= 2.915000
age=7 , mass= 5.413000
age=7 , mass= 1.755000
age=7 , mass= 1.755000
age=8 , mass= 8.774000
age=7 , mass= 9.213000
age=7 , mass= 1.316000
age=8 , mass= 3.948000
age=8 , mass= 0.439000
age=8 , mass= 5.264000
age=8 , mass= 0.877000
age=8 , mass= 4.387000
age=8 , mass= 5.264000
age=8 , mass= 0.877000
age=8 , mass= 4.387000
age=8 , mass= 5.264000
age=8 , mass= 0.877000
age=8 , mass= 0.439000
age=8 , mass= 0.424000
age=8 , mass= 1.696000
age=8 , mass= 0.848000
age=8 , mass= 4.240000
age=8 , mass= 2.120000
age=8 , mass= 2.544000
age=8 , mass= 0.424000
age=8 , mass= 5.088000
age=8 , mass= 3.816000
age=8 , mass= 1.272000
age=8 , mass= 0.424000
age=8 , mass= 4.664000
age=8 , mass= 2.544000
age=8 , mass= 0.424000
age=8 , mass= 3.230000
age=8 , mass= 2.691000
age=8 , mass= 3.768000
age=8 , mass= 6.460000
age=8 , mass= 3.768000

age=8 , mass= 2.692000
age=8 , mass= 6.460000
age=8 , mass= 1.615000
age=7 , mass= 6.387000
age=7 , mass= 4.106000
age=7 , mass= 5.474000
age=7 , mass= 5.474000
age=7 , mass= 4.106000
age=7 , mass= 6.843000
age=7 , mass= 2.281000
age=7 , mass= 0.456000
age=7 , mass= 8.212000
age=7 , mass= 1.369000
age=7 , mass= 9.580000
age=7 , mass= 2.281000
age=7 , mass= 7.299000
age=7 , mass= 1.369000
age=7 , mass= 4.562000
age=7 , mass= 3.650000
age=7 , mass= 2.737000
age=7 , mass= 6.843000
age=7 , mass= 4.106000
age=7 , mass= 0.912000
age=7 , mass= 1.269000
age=7 , mass= 3.384000
age=7 , mass= 1.692000
age=6 , mass= 6.768000
No bin for p 851.235840 1.035907
age=6 , mass= 5.076000
No bin for p 851.235840 1.035907
age=6 , mass= 4.230000
No bin for p 851.235840 1.035907
age=7 , mass= 7.614000
age=7 , mass= 0.846000
age=7 , mass= 0.423000
age=7 , mass= 1.269000
age=7 , mass= 3.403000
age=7 , mass= 4.503000
age=7 , mass= 8.597000
age=7 , mass= 8.188000
age=7 , mass= 0.409000
age=7 , mass= 8.597000
age=7 , mass= 1.228000
age=7 , mass= 2.985000
age=6 , mass= 3.512000
age=6 , mass= 7.200000
age=7 , mass= 1.580000
age=7 , mass= 7.726000
age=7 , mass= 1.405000
age=7 , mass= 6.322000
age=7 , mass= 4.390000
age=7 , mass= 1.405000
age=7 , mass= 1.932000
age=7 , mass= 7.375000
age=7 , mass= 0.351000
age=7 , mass= 7.726000
age=7 , mass= 2.634000
age=7 , mass= 5.092000
age=7 , mass= 5.619000
age=7 , mass= 2.107000
age=7 , mass= 7.726000
age=7 , mass= 0.878000
age=7 , mass= 6.848000
age=7 , mass= 3.863000
age=7 , mass= 3.336000
age=7 , mass= 0.527000
age=7 , mass= 6.848000
age=7 , mass= 0.878000
age=7 , mass= 7.726000
age=7 , mass= 2.107000

age=7 , mass= 5.619000
 age=7 , mass= 5.092000
 age=7 , mass= 2.634000
 age=7 , mass= 7.726000
 age=7 , mass= 0.176000
 age=7 , mass= 0.378000
 age=7 , mass= 0.883000
 age=7 , mass= 1.324000
 age=7 , mass= 0.441000
 age=7 , mass= 3.747000
 age=7 , mass= 11.242000
 age=7 , mass= 4.216000
 age=7 , mass= 1.405000
 age=7 , mass= 0.937000
 age=7 , mass= 4.795000
 age=7 , mass= 3.197000
 age=7 , mass= 4.618000
 age=7 , mass= 6.216000
 age=7 , mass= 1.598000
 age=7 , mass= 7.814000
 age=7 , mass= 1.421000
 age=7 , mass= 6.394000
 age=7 , mass= 0.888000
 age=7 , mass= 3.552000
 age=7 , mass= 3.374000
 age=7 , mass= 7.459000
 age=7 , mass= 0.355000
 age=7 , mass= 7.814000
 age=7 , mass= 2.664000
 age=7 , mass= 5.150000
 age=7 , mass= 5.683000
 age=7 , mass= 2.131000
 age=7 , mass= 7.282000
 age=7 , mass= 0.533000
 age=7 , mass= 0.888000
 age=7 , mass= 6.926000
 age=7 , mass= 3.907000
 age=7 , mass= 3.907000
 age=7 , mass= 6.926000
 age=7 , mass= 0.888000
 age=7 , mass= 7.814000
 age=7 , mass= 2.131000
 age=7 , mass= 3.730000
 age=7 , mass= 1.954000
 age=7 , mass= 5.150000
 age=7 , mass= 2.664000
 age=7 , mass= 5.861000
 age=7 , mass= 2.320000
 age=7 , mass= 2.784000
 age=7 , mass= 2.784000
 age=7 , mass= 0.464000
 age=7 , mass= 5.104000
 age=7 , mass= 1.392000
 age=7 , mass= 1.392000
 No bin for p 950.096924 1.023574
 age=6 , mass= 1.392000
 No bin for p 937.862122 1.024386
 age=6 , mass= 1.392000
 No bin for p 937.862122 1.024386
 age=6 , mass= 4.176000
 No bin for p 937.862183 1.024386
 age=6 , mass= 1.392000
 No bin for p 937.862122 1.024386
 age=7 , mass= 3.230000
 age=7 , mass= 1.077000
 age=7 , mass= 6.459000
 age=7 , mass= 2.153000
 age=7 , mass= 4.306000
 age=7 , mass= 6.460000
 age=7 , mass= 6.460000

age=7 , mass= 7.369000
 age=7 , mass= 8.597000
 age=7 , mass= 5.731000
 age=7 , mass= 2.866000
 age=7 , mass= 6.960000
 age=7 , mass= 1.638000
 age=7 , mass= 0.889000
 age=6 , mass= 3.558000
 age=6 , mass= 4.270000
 age=6 , mass= 3.380000
 age=6 , mass= 0.178000
 age=6 , mass= 4.270000
 age=6 , mass= 3.558000
 age=6 , mass= 4.270000
 age=7 , mass= 1.957000
 age=7 , mass= 5.871000
 age=7 , mass= 1.957000
 age=7 , mass= 5.871000
 age=7 , mass= 1.957000
 age=7 , mass= 5.871000
 age=7 , mass= 1.957000
 age=7 , mass= 0.712000
 age=7 , mass= 5.159000
 age=7 , mass= 1.957000
 age=7 , mass= 5.871000
 age=7 , mass= 1.957000
 age=7 , mass= 5.871000
 age=7 , mass= 1.957000
 age=7 , mass= 5.871000
 age=7 , mass= 1.957000
 age=7 , mass= 2.135000
 age=7 , mass= 3.736000
 age=7 , mass= 1.957000
 age=7 , mass= 5.871000
 age=7 , mass= 1.957000
 age=7 , mass= 5.871000
 age=7 , mass= 1.957000
 age=7 , mass= 5.871000
 age=7 , mass= 0.178000
 age=7 , mass= 7.191000
 age=7 , mass= 0.423000
 age=7 , mass= 0.846000
 age=7 , mass= 4.230000
 age=7 , mass= 5.076000
 age=7 , mass= 0.846000
 age=7 , mass= 4.230000
 age=7 , mass= 5.076000
 age=7 , mass= 0.846000
 age=7 , mass= 4.230000
 age=7 , mass= 5.076000
 age=7 , mass= 0.846000
 age=7 , mass= 3.807000
 age=7 , mass= 0.423000
 age=7 , mass= 5.922000
 age=7 , mass= 6.768000
 age=7 , mass= 3.384000
 age=7 , mass= 5.499000
 age=7 , mass= 4.653000
 age=7 , mass= 4.230000
 age=7 , mass= 5.922000
 age=7 , mass= 2.115000
 age=7 , mass= 4.630000
 No bin for p 1061.314209 1.030213
 age=7 , mass= 3.241000
 No bin for p 1061.314209 1.030213
 age=7 , mass= 2.315000
 No bin for p 1061.314209 1.030213
 age=7 , mass= 5.556000
 No bin for p 1061.314331 1.030213
 age=7 , mass= 3.241000

No bin for p 1061.314209 1.030213
 age=7 , mass= 2.315000
 No bin for p 1061.314209 1.030213
 age=7 , mass= 5.556000
 No bin for p 1061.314331 1.030213
 age=7 , mass= 3.241000
 No bin for p 1061.314209 1.030213
 age=7 , mass= 2.315000
 No bin for p 1061.314209 1.030213
 age=7 , mass= 2.778000
 No bin for p 1061.314331 1.030213
 age=7 , mass= 6.019000
 age=6 , mass= 6.019000
 age=6 , mass= 5.093000
 age=7 , mass= 3.704000
 age=7 , mass= 0.926000
 age=7 , mass= 6.482000
 age=7 , mass= 3.241000
 age=7 , mass= 7.871000
 age=7 , mass= 1.852000
 age=7 , mass= 9.260000
 age=7 , mass= 0.463000
 age=7 , mass= 3.241000
 age=7 , mass= 1.848000
 age=7 , mass= 0.924000
 age=7 , mass= 5.544000
 age=7 , mass= 4.620000
 age=7 , mass= 0.924000
 age=7 , mass= 5.544000
 age=7 , mass= 4.620000
 age=7 , mass= 0.924000
 age=7 , mass= 5.544000
 age=7 , mass= 4.620000
 age=7 , mass= 0.924000
 age=7 , mass= 5.544000
 age=7 , mass= 4.620000
 age=7 , mass= 0.924000
 age=7 , mass= 5.544000
 age=7 , mass= 4.620000
 age=7 , mass= 0.924000
 age=5 , mass= 8.316000
 age=5 , mass= 5.544000
 age=7 , mass= 6.468000
 age=7 , mass= 2.310000
 age=7 , mass= 0.462000
 age=6 , mass= 1.386000
 age=5 , mass= 0.338000
 Nassy=2 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 age=5 , mass= 29.743999
 Nassy=176 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 age=5 , mass= 2.366000
 Nassy=14 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 age=5 , mass= 0.676000
 Nassy=4 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 age=7 , mass= 1.014000
 age=7 , mass= 1.014000
 age=7 , mass= 3.380000
 age=7 , mass= 3.042000
 age=7 , mass= 1.690000
 age=7 , mass= 5.746000
 age=7 , mass= 1.690000
 age=7 , mass= 5.746000
 age=7 , mass= 1.690000
 age=7 , mass= 5.746000
 age=7 , mass= 1.690000
 age=7 , mass= 5.746000
 age=7 , mass= 0.338000
 age=7 , mass= 0.676000
 age=7 , mass= 4.056000
 age=7 , mass= 2.366000
 age=7 , mass= 1.690000
 age=7 , mass= 4.056000

age=7 , mass= 1.690000
age=7 , mass= 2.366000
age=7 , mass= 4.056000
age=7 , mass= 1.014000
age=7 , mass= 3.042000
age=7 , mass= 4.056000
age=7 , mass= 0.338000
age=7 , mass= 3.718000
age=7 , mass= 3.718000
age=7 , mass= 0.338000
age=7 , mass= 4.056000
age=7 , mass= 0.676000
age=5 , mass= 4.394000
age=5 , mass= 7.436000
age=5 , mass= 3.718000
age=6 , mass= 4.230000
age=7 , mass= 0.846000
age=7 , mass= 3.807000
age=7 , mass= 1.269000
age=7 , mass= 4.230000
age=7 , mass= 0.846000
age=7 , mass= 5.076000
age=7 , mass= 4.230000
age=7 , mass= 0.846000
age=7 , mass= 5.076000
age=7 , mass= 4.230000
age=7 , mass= 0.846000
age=7 , mass= 5.076000
age=7 , mass= 4.230000
age=7 , mass= 0.846000
age=7 , mass= 0.423000
age=7 , mass= 8.460000
age=7 , mass= 0.423000
age=6 , mass= 4.653000
No bin for p 854.640198 1.043267
age=6 , mass= 5.076000
No bin for p 854.640259 1.043267
age=6 , mass= 0.423000
No bin for p 854.640259 1.043267
age=6 , mass= 4.653000
No bin for p 854.640198 1.043267
age=6 , mass= 5.076000
No bin for p 854.640259 1.043267
age=6 , mass= 0.423000
No bin for p 854.640259 1.043267
age=6 , mass= 4.653000
No bin for p 854.640198 1.043267
age=6 , mass= 1.692000
No bin for p 854.640259 1.043267
age=6 , mass= 3.392000
age=6 , mass= 17.808001
age=6 , mass= 4.240000
age=6 , mass= 2.120000
age=6 , mass= 40.703999
No bin for p 1053.548462 1.028486
age=6 , mass= 1.272000
No bin for p 1053.548462 1.028486
age=6 , mass= 0.424000
No bin for p 1053.548462 1.028486
age=5 , mass= 0.424000
age=5 , mass= 8.904000
age=5 , mass= 0.848000
age=6 , mass= 1.696000
age=6 , mass= 1.317000
age=6 , mass= 5.267000
age=6 , mass= 0.439000
age=6 , mass= 4.828000
age=6 , mass= 5.267000
age=6 , mass= 0.439000
age=6 , mass= 4.828000

age=6 , mass= 5.267000
 age=6 , mass= 0.439000
 age=6 , mass= 4.828000
 age=6 , mass= 5.267000
 age=6 , mass= 0.439000
 age=6 , mass= 3.511000
 age=5 , mass= 3.072000
 age=5 , mass= 8.339000
 age=5 , mass= 0.878000
 age=5 , mass= 36.733002
 age=5 , mass= 7.871000
 age=6 , mass= 1.312000
 age=6 , mass= 5.248000
 age=5 , mass= 4.176000
 No bin for p 963.782776 1.039693
 age=5 , mass= 33.408001
 No bin for p 963.782776 1.039693
 age=5 , mass= 5.104000
 No bin for p 963.782776 1.039693
 age=6 , mass= 1.392000
 age=6 , mass= 1.392000
 No bin for p 1577.816772 0.961560
 age=6 , mass= 0.464000
 No bin for p 1577.816772 0.961560
 age=6 , mass= 5.104000
 No bin for p 1577.816895 0.961560
 age=6 , mass= 5.568000
 No bin for p 1577.816772 0.961560
 age=6 , mass= 0.464000
 No bin for p 1577.816772 0.961560
 age=6 , mass= 5.104000
 No bin for p 1577.816895 0.961560
 age=6 , mass= 0.928000
 No bin for p 1577.816772 0.961560
 age=6 , mass= 5.104000
 age=6 , mass= 4.640000
 age=6 , mass= 1.696000
 age=6 , mass= 5.088000
 age=6 , mass= 2.968000
 age=6 , mass= 2.120000
 age=6 , mass= 0.848000
 No bin for p 1056.162231 1.028077
 age=6 , mass= 2.120000
 No bin for p 1056.162231 1.028077
 age=6 , mass= 2.120000
 No bin for p 1026.284424 1.020240
 age=6 , mass= 4.664000
 No bin for p 1026.284546 1.020240
 age=6 , mass= 0.424000
 No bin for p 1026.284546 1.020240
 age=6 , mass= 1.696000
 No bin for p 1026.284546 1.020240
 age=6 , mass= 3.392000
 No bin for p 1026.284546 1.020240
 age=6 , mass= 3.392000
 No bin for p 1026.284546 1.020240
 age=7 , mass= 0.848000
 age=6 , mass= 4.845000
 age=6 , mass= 5.921000
 age=6 , mass= 0.538000
 age=6 , mass= 5.383000
 age=6 , mass= 1.077000
 age=6 , mass= 12.919000
 age=6 , mass= 4.845000
 No bin for s 267.148865 1.266360
 age=6 , mass= 1.615000
 No bin for s 267.148895 1.266360
 age=6 , mass= 6.460000
 No bin for s 267.148895 1.266360
 age=6 , mass= 3.230000

No bin for s 267.148895 1.266360
age=6 , mass= 1.077000
No bin for s 267.231598 1.266360
age=6 , mass= 2.153000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 3.230000
age=6 , mass= 6.460000
No bin for s 564.275085 1.154935
age=6 , mass= 1.615000
No bin for s 564.275085 1.154935
age=6 , mass= 4.845000
No bin for s 564.275024 1.154935
age=6 , mass= 6.460000
No bin for s 564.275085 1.154935
age=6 , mass= 2.692000
No bin for s 564.344910 1.154935
age=6 , mass= 3.768000
age=6 , mass= 4.845000
age=6 , mass= 1.615000
age=6 , mass= 4.845000
age=6 , mass= 1.615000
age=6 , mass= 6.460000
age=6 , mass= 0.538000
age=6 , mass= 1.638000
age=6 , mass= 17.194000
age=6 , mass= 3.275000
age=6 , mass= 5.322000
age=6 , mass= 4.094000
age=6 , mass= 1.229000
age=6 , mass= 0.410000
age=6 , mass= 2.381000
age=6 , mass= 4.082000
age=6 , mass= 1.191000
age=6 , mass= 0.680000
age=6 , mass= 2.211000
age=6 , mass= 20.412001
age=7 , mass= 2.722000
age=7 , mass= 1.021000
age=6 , mass= 0.882000
age=6 , mass= 1.765000
age=6 , mass= 0.378000
No bin for p 1588.066895 0.976983
age=6 , mass= 1.404000
No bin for p 1521.934326 0.995630
age=6 , mass= 16.853001
No bin for p 1522.385986 0.995630
age=6 , mass= 2.341000
No bin for p 1522.584717 0.995630
age=7 , mass= 0.936000
age=6 , mass= 0.846000
age=6 , mass= 5.076000
age=6 , mass= 2.115000
age=6 , mass= 2.961000
age=6 , mass= 5.076000
age=6 , mass= 1.269000
age=6 , mass= 0.846000
age=6 , mass= 2.961000
age=6 , mass= 7.191000
age=6 , mass= 1.692000
age=6 , mass= 8.460000

age=6 , mass= 0.423000
age=6 , mass= 8.883000
age=6 , mass= 0.846000
age=6 , mass= 8.037000
age=6 , mass= 2.115000
age=6 , mass= 5.922000
age=6 , mass= 0.846000
age=6 , mass= 3.384000
age=6 , mass= 5.499000
age=6 , mass= 4.653000
age=6 , mass= 2.538000
age=5 , mass= 0.819000
No bin for p 911.831909 1.053196
age=5 , mass= 19.650999
No bin for p 911.599915 1.053196
age=5 , mass= 2.047000
No bin for p 911.609253 1.053196
age=5 , mass= 4.503000
No bin for p 911.528259 1.053196
age=6 , mass= 3.684000
age=6 , mass= 2.047000
age=6 , mass= 1.638000
age=5 , mass= 4.845000
age=5 , mass= 38.758999
age=6 , mass= 1.615000
age=5 , mass= 1.615000
No bin for s 443.229401 1.237993
age=5 , mass= 11.305000
No bin for s 443.229401 1.237993
age=5 , mass= 6.460000
No bin for s 443.229401 1.237993
age=5 , mass= 2.692000
No bin for s 443.284271 1.237993
age=5 , mass= 2.153000
age=5 , mass= 32.299000
age=5 , mass= 1.615000
age=6 , mass= 0.538000
age=5 , mass= 0.424000
No bin for p 1180.744629 1.024400
age=5 , mass= 30.528000
No bin for p 1180.744629 1.024400
age=5 , mass= 0.848000
No bin for p 1180.744629 1.024400
age=5 , mass= 0.848000
No bin for p 1180.744629 1.024400
age=5 , mass= 5.088000
age=5 , mass= 26.712000
age=5 , mass= 3.816000
age=5 , mass= 3.392000
age=5 , mass= 5.088000
age=5 , mass= 2.544000
age=5 , mass= 2.544000
age=5 , mass= 1.228000
No bin for p 925.503479 1.059850
age=5 , mass= 24.563000
No bin for p 925.616516 1.059850
age=5 , mass= 2.456000
No bin for p 925.503479 1.059850
age=6 , mass= 4.503000
age=6 , mass= 1.638000
age=6 , mass= 0.390000
No bin for p 1638.481689 0.976983
age=5 , mass= 1.842000
No bin for p 1655.654175 1.001561
age=5 , mass= 16.576000
No bin for p 1655.454346 1.001561
age=6 , mass= 0.460000
age=6 , mass= 2.302000
age=6 , mass= 2.727000
age=5 , mass= 4.763000

age=5 , mass= 44.907001
age=5 , mass= 3.402000
age=5 , mass= 0.680000
age=5 , mass= 2.381000
age=5 , mass= 69.401001
age=5 , mass= 1.701000
age=5 , mass= 2.722000
age=5 , mass= 1.638000
No bin for p 1003.860046 1.036853
age=5 , mass= 29.476000
No bin for p 1003.587708 1.036853
age=5 , mass= 3.275000
No bin for p 1003.553650 1.036853
age=5 , mass= 1.638000
No bin for p 1003.860046 1.036853
age=5 , mass= 2.456000
age=5 , mass= 8.597000
age=5 , mass= 4.094000
age=5 , mass= 2.456000
age=5 , mass= 2.047000
age=5 , mass= 8.597000
age=5 , mass= 8.188000
age=5 , mass= 0.409000
age=5 , mass= 6.141000
age=5 , mass= 2.456000
No bin for p 944.999329 1.061804
age=5 , mass= 19.650999
No bin for p 945.143494 1.061804
age=5 , mass= 3.275000
No bin for p 945.095459 1.061804
age=5 , mass= 4.094000
No bin for p 945.153137 1.061804
age=7 , mass= 2.047000
age=7 , mass= 3.403000
age=7 , mass= 0.433000
No bin for p 1603.773193 0.971835
age=5 , mass= 0.459000
age=5 , mass= 16.527000
age=5 , mass= 2.755000
age=7 , mass= 0.918000
age=7 , mass= 0.459000
age=7 , mass= 1.298000
No bin for p 1042.272339 1.020855
age=7 , mass= 1.298000
No bin for p 1042.272339 1.020855
age=5 , mass= 3.275000
No bin for p 909.703247 1.035883
age=5 , mass= 19.650999
No bin for p 909.749451 1.035883
age=5 , mass= 3.685000
No bin for p 909.857544 1.035883
age=6 , mass= 2.866000
age=6 , mass= 2.047000
age=6 , mass= 1.638000
age=9 , mass= 0.433000
age=5 , mass= 1.731000
No bin for p 1322.339722 1.028102
age=5 , mass= 0.433000
No bin for p 1323.103638 1.028102
age=5 , mass= 0.433000
No bin for p 1323.103638 1.028102
age=5 , mass= 5.050000
age=5 , mass= 11.018000
age=6 , mass= 2.295000
age=6 , mass= 2.755000
age=5 , mass= 6.550000
age=5 , mass= 25.792000
age=5 , mass= 5.322000
age=5 , mass= 1.228000
age=5 , mass= 0.409000

age=5 , mass= 0.409000
age=5 , mass= 4.503000
age=5 , mass= 34.388000
age=5 , mass= 0.409000
age=5 , mass= 0.457000
No bin for p 1308.063232 1.033661
age=5 , mass= 1.827000
No bin for p 1307.347778 1.033661
age=5 , mass= 0.457000
No bin for p 1308.063232 1.033661
age=5 , mass= 5.124000
age=5 , mass= 11.179000
age=5 , mass= 4.192000
age=8 , mass= 0.932000
age=8 , mass= 0.457000
age=5 , mass= 8.766000
age=5 , mass= 3.230000
age=5 , mass= 4.614000
age=5 , mass= 1.384000
No bin for p 1185.455688 1.049874
age=5 , mass= 4.153000
No bin for p 1093.807739 1.064021
age=5 , mass= 5.537000
No bin for p 1093.741943 1.064021
age=5 , mass= 3.230000
No bin for p 1093.770142 1.064021
age=5 , mass= 2.307000
No bin for p 1093.702393 1.064021
age=5 , mass= 11.073000
No bin for p 1551.462769 1.007558
age=5 , mass= 2.768000
No bin for p 1551.322510 1.007558
age=5 , mass= 1.384000
No bin for p 1551.322510 1.007558
age=5 , mass= 1.384000
No bin for p 1279.352661 1.027544
age=5 , mass= 16.611000
No bin for p 1279.583862 1.027544
age=5 , mass= 2.307000
No bin for p 1279.537598 1.027544
age=5 , mass= 1.846000
age=5 , mass= 9.690000
age=5 , mass= 7.844000
age=5 , mass= 0.923000

INPUT FILE LISTING:

#bins	Input_file	Output_file	Case_title	Last_delivery
8	case12.wsm	finalw12.out	FINAL-W12	2045
Type	Cap	Hmin	Hmax	Kmin
p	21	0	850	0.00
p	21	0	850	1.00
p	21	0	850	1.13
p	12	850	1500	0.00
s	12	0	1500	0.00
b	44	0	400	0.00
b	44	0	400	1.00
b	24	0	520	0.00

OUTPUT FILE LISTING:

FINAL-W12
8 Bins

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	158	7.52	57.84
2012	539	25.67	215.45
2013	1316	62.67	533.25
2014	1268	60.38	518.24
2015	1717	81.76	725.63
2016	1371	65.29	570.86
2017	1699	80.90	722.70
2018	1752	83.43	756.87
2019	2029	96.62	873.09
2020	1970	93.81	847.75
2021	1747	83.19	756.59
2022	2079	99.00	885.56
2023	2373	113.00	1028.46
2024	2048	97.52	894.29
2025	1713	81.57	744.32
2026	1932	92.00	845.06
2027	2292	109.14	988.65
2028	1809	86.14	808.78
2029	2045	97.38	885.72
2030	1574	74.95	692.30
2031	2040	97.14	895.14
2032	1727	82.24	757.53
2033	1908	90.86	835.84
2034	1895	90.24	836.12
2035	1679	79.95	744.83
2036	1653	78.71	723.86
2037	1229	58.52	549.87
2038	1229	58.52	545.14
2039	990	47.14	419.72
2040	1260	60.00	536.56
2041	723	34.43	303.90

Bin Total 49764 2369.71 21499.95

Type=p Cap=21 Hmin=0.0 Hmax=850.0 Kmin=1.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	117	5.57	46.65
2011	409	19.48	170.41
2012	998	47.52	413.27
2013	1482	70.57	623.87
2014	2739	130.43	1182.43

2015	2667	127.00	1142.03
2016	3051	145.29	1297.12
2017	2767	131.76	1180.53
2018	2617	124.62	1113.36
2019	2542	121.05	1098.57
2020	2447	116.52	1059.46
2021	2514	119.71	1080.63
2022	2285	108.81	988.55
2023	1952	92.95	854.67
2024	2425	115.48	1049.16
2025	2349	111.86	1021.47
2026	2099	99.95	901.87
2027	2246	106.95	972.97
2028	2282	108.67	1001.19
2029	2310	110.00	1004.17
2030	2251	107.19	975.84
2031	2574	122.57	1111.89
2032	2258	107.52	965.06
2033	2010	95.71	866.98
2034	2242	106.76	982.19
2035	2429	115.67	1052.03
2036	2152	102.48	918.97
2037	2457	117.00	1071.46
2038	3004	143.05	1314.94
2039	2384	113.52	1031.95
2040	2561	121.95	1107.13
2041	1364	64.95	571.51
Bin Total	69984	3332.57	30172.30

Type=p Cap=21 Nmin=0.0 Nmax=850.0 Kmin=1.13 Kmax=1.45

Year	Num Assy	Num Pkgs	MTU
2010	156	7.43	56.88
2011	147	7.00	44.40
2012	164	7.81	39.99
2013	44	2.10	14.75
2014	25	1.19	7.88
2015	41	1.95	16.56
2016	25	1.19	10.43
2017	36	1.71	15.62
2018	121	5.76	55.64
2019	48	2.29	20.80
2020	145	6.90	47.52
2021	308	14.67	125.19
2022	36	1.71	15.35
2023	227	10.81	99.39
2024	167	7.95	66.74
2025	214	10.19	87.85
2026	25	1.19	10.02
2027	208	9.90	83.46
2028	161	7.67	70.29
2029	271	12.90	111.61
2030	167	7.95	70.35
2031	109	5.19	43.54
2032	119	5.67	54.13
2033	147	7.00	63.92
2034	206	9.81	88.35
2035	455	21.67	204.43
2036	472	22.48	196.91
2037	328	15.62	146.09
2038	237	11.29	105.78
2039	240	11.43	104.26
2040	83	3.95	34.52
2041	93	4.43	42.66
Bin Total	5225	248.81	2155.30

Type=p Cap=12 Mmin=850.0 Mmax=1500.0 Kmin=0.00 Kmax=1.02

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	26	2.17	11.96
2014	0	0.00	0.00
2015	54	4.50	25.30
2016	53	4.42	24.83
2017	25	2.08	11.50
2018	49	4.08	22.96
2019	43	3.58	19.98
2020	52	4.33	24.37
2021	45	3.75	21.09
2022	34	2.83	15.93
2023	5	0.42	2.10
2024	22	1.83	10.16
2025	29	2.42	13.59
2026	78	6.50	36.55
2027	87	7.25	36.86
2028	11	0.92	4.88
2029	60	5.00	25.40
2030	76	6.33	35.11
2031	77	6.42	33.73
2032	66	5.50	27.55
2033	123	10.25	53.77
2034	187	15.58	77.90
2035	60	5.00	25.89
2036	178	14.83	79.97
2037	198	16.50	87.04
2038	303	25.25	134.75
2039	346	28.83	150.40
2040	269	22.42	123.36
2041	375	31.25	172.62
Bin Total	2931	244.25	1309.53

Type=s Cap=12 Mmin=0.0 Mmax=1500.0 Kmin=0.00 Kmax=1.13

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	0	0.00	0.00
2012	0	0.00	0.00
2013	0	0.00	0.00
2014	0	0.00	0.00
2015	0	0.00	0.00
2016	0	0.00	0.00
2017	0	0.00	0.00
2018	0	0.00	0.00
2019	163	13.58	88.31
2020	83	6.92	44.78
2021	125	10.42	67.65
2022	84	7.00	45.47
2023	126	10.50	67.94
2024	126	10.50	67.84
2025	147	12.25	79.13
2026	147	12.25	79.13
2027	105	8.75	56.52
2028	105	8.75	56.52
2029	63	5.25	33.91
2030	231	19.25	124.35
2031	105	8.75	56.52
2032	105	8.75	56.52
2033	126	10.50	67.83
2034	105	8.75	56.52

2035	105	8.75	56.52
2036	126	10.50	67.83
2037	168	14.00	90.44
2038	210	17.50	113.05
2039	252	21.00	135.66
2040	213	17.75	114.66
2041	355	29.58	191.10
Bin Total	3375	281.25	1818.22

Type=b Cap=44 Nmin=0.0 Hmax=400.0 Kmin=0.00 Kmax=1.00

Year	Num_Assy	Num_Pkgs	NTU
2010	2	0.05	0.21
2011	6	0.14	0.61
2012	40	0.91	7.68
2013	355	8.07	67.09
2014	963	21.89	174.20
2015	881	20.02	158.99
2016	1297	29.48	226.82
2017	817	18.57	140.71
2018	1023	23.25	179.40
2019	1499	34.07	262.61
2020	1665	37.84	285.33
2021	1679	38.16	293.88
2022	2086	47.41	360.19
2023	2075	47.16	358.81
2024	1951	44.34	338.32
2025	2475	56.25	430.37
2026	2629	59.75	455.99
2027	2116	48.09	366.73
2028	2125	48.30	368.63
2029	1957	44.48	338.90
2030	1741	39.57	304.08
2031	1921	43.66	335.44
2032	1465	33.30	255.02
2033	1974	44.86	342.92
2034	1509	34.30	262.98
2035	1354	30.77	235.99
2036	1050	23.86	184.52
2037	1434	32.59	250.07
2038	1656	37.64	289.09
2039	2619	59.52	453.37
2040	1107	25.16	192.39
2041	797	18.11	135.97
Bin Total	46268	1051.55	8057.33

Type=b Cap=44 Nmin=0.0 Hmax=400.0 Kmin=1.00 Kmax=1.37

Year	Num_Assy	Num_Pkgs	NTU
2010	1098	24.95	187.32
2011	1875	42.61	322.48
2012	3014	68.50	527.45
2013	4237	96.30	745.95
2014	6216	141.27	1112.10
2015	5187	117.89	929.48
2016	4972	113.00	874.96
2017	5228	118.82	921.40
2018	4959	112.70	880.12
2019	3582	81.41	634.84
2020	3812	86.64	677.61
2021	3666	83.32	650.82
2022	3859	87.70	680.63
2023	3382	76.86	602.73
2024	2990	67.95	527.13

2025	3473	78.93	613.80
2026	3535	80.34	623.55
2027	2850	64.77	504.17
2028	3817	86.75	670.59
2029	3177	72.20	569.12
2030	4225	96.02	766.32
2031	3007	68.34	547.19
2032	4609	104.75	833.33
2033	3662	83.23	674.99
2034	3852	87.55	695.06
2035	3742	85.05	678.07
2036	4514	102.59	820.65
2037	4178	94.95	757.81
2038	2788	63.36	496.67
2039	3905	88.75	692.83
2040	4964	112.82	885.10
2041	769	17.48	134.48

Bin Total 119144 2707.82 21238.75

Type=b Cap=24 Nmin=0.0 Hmax=520.0 Kmin=0.00 Kmax=1.54

Year	Num_Assy	Num_Pkgs	MTU
2010	0	0.00	0.00
2011	55	2.29	7.20
2012	3	0.13	0.36
2013	5	0.21	0.60
2014	12	0.50	1.44
2015	2	0.08	0.24
2016	0	0.00	0.00
2017	48	2.00	5.21
2018	0	0.00	0.00
2019	0	0.00	0.00
2020	0	0.00	0.00
2021	0	0.00	0.00
2022	60	2.50	10.32
2023	20	0.83	3.44
2024	157	6.54	26.63
2025	80	3.33	13.60
2026	317	13.21	53.80
2027	6	0.25	1.03
2028	130	5.42	23.02
2029	146	6.08	25.97
2030	106	4.42	18.13
2031	0	0.00	0.00
2032	130	5.42	22.23
2033	568	23.67	97.85
2034	7	0.29	1.20
2035	52	2.17	8.97
2036	68	2.83	12.10
2037	196	8.17	33.12
2038	0	0.00	0.00
2039	164	6.83	29.19
2040	1	0.04	0.18
2041	0	0.00	0.00

Bin Total 2333 97.21 395.83

Summary Table

Type	Cap	Num_Assy	PctType	Num_Pkg	MTU
P	21	49764	37.84	2369.71	21499.95
P	21	69984	53.21	3332.57	30172.30
P	21	5225	3.97	248.81	2155.30
P	12	2931	2.23	244.25	1309.53
s	12	3375	2.57	281.25	1818.22
b	44	46268	27.58	1051.55	8057.33
b	44	119144	71.03	2707.82	21238.75

b	24	2333	1.39	97.21	395.83
b	1	0	0.00	0.00	0.00
p	1	119	0.09	119.00	54.88
s	1	121	0.09	121.00	65.16

Totals	299264	10333.17	86767.27
--------	--------	----------	----------

JUNK FILE LISTING:

Nassy=1 burnup=1.87	kinf=1.529	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.45	kinf=1.536	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=2 burnup=1.53	kinf=1.535	Enrch=3.63	Dschg=1968	WEST VALLEY
Nassy=1 burnup=6.38	kinf=1.455	Enrch=3.63	Dschg=1969	WEST VALLEY
Nassy=2 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=3 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=8 burnup=0.34	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.35	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.18	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.36	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.23	kinf=1.317	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=0.32	kinf=1.314	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=10 burnup=0.34	kinf=1.315	Enrch=2.13	Dschg=1970	GE MORRIS (
Nassy=1 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.22	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.77	kinf=1.260	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.86	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.85	kinf=1.257	Enrch=1.93	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.79	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=19 burnup=1.74	kinf=1.293	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.34	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.46	kinf=1.270	Enrch=1.97	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.57	kinf=1.267	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.50	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.76	kinf=1.261	Enrch=1.94	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.23	kinf=1.279	Enrch=2.00	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.31	kinf=1.299	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.46	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.48	kinf=1.297	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.00	kinf=1.305	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.09	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.27	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=0.86	kinf=1.307	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.28	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.32	kinf=1.275	Enrch=1.99	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.32	kinf=1.275	Enrch=1.99	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.11	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.42	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=6 burnup=1.23	kinf=1.301	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=11 burnup=1.34	kinf=1.300	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.88	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=4 burnup=1.15	kinf=1.302	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=8 burnup=1.44	kinf=1.298	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=3 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=12 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=5 burnup=1.85	kinf=1.291	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=0.86	kinf=1.291	Enrch=2.04	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.62	kinf=1.265	Enrch=1.96	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.64	kinf=1.264	Enrch=1.95	Dschg=1971	GE MORRIS (
Nassy=24 burnup=1.83	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=1 burnup=1.83	kinf=1.292	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.13	kinf=1.303	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=24 burnup=1.63	kinf=1.295	Enrch=2.13	Dschg=1971	GE MORRIS (
Nassy=2 burnup=1.78	kinf=1.260	Enrch=1.94	Dschg=1971	GE MORRIS (
Nassy=2 burnup=9.28	kinf=1.410	Enrch=3.63	Dschg=1971	WEST VALLEY
Nassy=1 burnup=4.99	kinf=1.478	Enrch=3.63	Dschg=1971	WEST VALLEY

Nassy=1 burnup=8.24	kinf=1.426 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1971	WEST VALLEY
Nassy=1 burnup=1.53	kinf=1.318 Enrch=2.26 Dschg=1971	DRESDEN
Nassy=1 burnup=4.49	kinf=1.250 Enrch=2.11 Dschg=1971	OYSTER CRK
Nassy=1 burnup=3.27	kinf=1.212 Enrch=1.78 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=44 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=2 burnup=4.52	kinf=1.253 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=36 burnup=3.43	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=6 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=6 burnup=2.81	kinf=1.227 Enrch=1.83 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.13	kinf=1.217 Enrch=1.80 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=25 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=2 burnup=3.87	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=34 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=8 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=25 burnup=4.14	kinf=1.258 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.62	kinf=1.173 Enrch=1.67 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=8 burnup=3.39	kinf=1.209 Enrch=1.77 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=3.34	kinf=1.269 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=4.77	kinf=1.249 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=5 burnup=3.84	kinf=1.195 Enrch=1.73 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.28	kinf=1.271 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=2.73	kinf=1.279 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=19 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=4 burnup=4.69	kinf=1.250 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=22 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=1 burnup=4.31	kinf=1.182 Enrch=1.69 Dschg=1972	GE MORRIS (
Nassy=10 burnup=3.12	kinf=1.273 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=7 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=6 burnup=3.60	kinf=1.203 Enrch=1.76 Dschg=1972	GE MORRIS (
Nassy=4 burnup=2.84	kinf=1.277 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=33 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=21 burnup=4.38	kinf=1.254 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=3 burnup=3.91	kinf=1.261 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=20 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=1 burnup=3.79	kinf=1.263 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=15 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=28 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=16 burnup=3.77	kinf=1.264 Enrch=2.13 Dschg=1972	GE MORRIS (
Nassy=17 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=7 burnup=4.39	kinf=1.179 Enrch=1.68 Dschg=1972	GE MORRIS (
Nassy=14 burnup=4.64	kinf=1.172 Enrch=1.66 Dschg=1972	GE MORRIS (
Nassy=1 burnup=8.59	kinf=1.421 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=9.12	kinf=1.413 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=1 burnup=8.73	kinf=1.419 Enrch=3.63 Dschg=1972	WEST VALLEY
Nassy=2 burnup=4.86	kinf=1.239 Enrch=2.08 Dschg=1972	MILLSTONE
Nassy=4 burnup=6.45	kinf=1.454 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=8.75	kinf=1.418 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=7.35	kinf=1.440 Enrch=3.63 Dschg=1973	WEST VALLEY
Nassy=1 burnup=3.88	kinf=1.262 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=2 burnup=4.96	kinf=1.246 Enrch=2.13 Dschg=1973	DRESDEN
Nassy=1 burnup=1.05	kinf=1.365 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=0.97	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.32	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=11 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=9 burnup=4.39	kinf=1.315 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=2 burnup=4.00	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=5 burnup=4.05	kinf=1.320 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=4 burnup=1.16	kinf=1.364 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=4.66	kinf=1.311 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=3 burnup=4.66	kinf=1.311 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=0.99	kinf=1.366 Enrch=2.50 Dschg=1973	VT YANKEE
Nassy=1 burnup=4.69	kinf=1.310 Enrch=2.50 Dschg=1973	VT YANKEE

Nassy=1 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=3 burnup=9.23	kinf=1.411 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=8.77	kinf=1.418 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=4 burnup=9.10	kinf=1.413 Enrch=3.63 Dschg=1973	LACROSSE
Nassy=1 burnup=3.97	kinf=1.271 Enrch=2.19 Dschg=1973	PILGRIM
Nassy=1 burnup=2.63	kinf=1.290 Enrch=2.19 Dschg=1973	PILGRIM
Nassy=1 burnup=8.95	kinf=1.415 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=1 burnup=8.15	kinf=1.428 Enrch=3.63 Dschg=1974	WEST VALLEY
Nassy=2 burnup=4.95	kinf=1.306 Enrch=2.50 Dschg=1974	VT YANKEE
Nassy=6 burnup=4.95	kinf=1.306 Enrch=2.50 Dschg=1974	VT YANKEE
Nassy=1 burnup=7.57	kinf=1.476 Enrch=3.92 Dschg=1975	LACROSSE
Nassy=1 burnup=3.71	kinf=1.263 Enrch=2.12 Dschg=1975	DUANE ARNOL
Nassy=1 burnup=3.78	kinf=1.280 Enrch=2.23 Dschg=1975	DRESDEN
Nassy=1 burnup=4.80	kinf=1.467 Enrch=3.54 Dschg=1976	BIG ROCK
Nassy=1 burnup=2.90	kinf=1.273 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=1 burnup=3.30	kinf=1.267 Enrch=2.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=2.43	kinf=1.105 Enrch=1.11 Dschg=1976	BRUNSWICK
Nassy=2 burnup=3.05	kinf=1.320 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=3.30	kinf=1.315 Enrch=2.40 Dschg=1976	HUMBOLDT BA
Nassy=4 burnup=2.43	kinf=1.329 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=2.69	kinf=1.325 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=3.89	kinf=1.308 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=3.89	kinf=1.308 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=2 burnup=4.34	kinf=1.301 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=1.31	kinf=1.346 Enrch=2.41 Dschg=1976	HUMBOLDT BA
Nassy=1 burnup=12.04	kinf=1.407 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.30	kinf=1.403 Enrch=3.93 Dschg=1977	LACROSSE
Nassy=1 burnup=7.61	kinf=1.476 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=1 burnup=12.42	kinf=1.401 Enrch=3.92 Dschg=1977	LACROSSE
Nassy=5 burnup=3.65	kinf=1.282 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=3.35	kinf=1.287 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=3.08	kinf=1.291 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=3 burnup=4.00	kinf=1.277 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=1 burnup=4.00	kinf=1.277 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=21 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=2 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=3 burnup=4.97	kinf=1.263 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=1 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=22 burnup=4.53	kinf=1.269 Enrch=2.23 Dschg=1978	DRESDEN
Nassy=4 burnup=3.58	kinf=1.019 Enrch=0.72 Dschg=1980	NATCH
Nassy=15 burnup=1.89	kinf=1.041 Enrch=0.72 Dschg=1980	NATCH
Nassy=1 burnup=1.89	kinf=1.041 Enrch=0.72 Dschg=1980	NATCH
Nassy=24 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	NATCH
Nassy=1 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	NATCH
Nassy=3 burnup=2.53	kinf=1.032 Enrch=0.72 Dschg=1980	NATCH
Nassy=15 burnup=2.83	kinf=1.028 Enrch=0.72 Dschg=1980	NATCH
Nassy=1 burnup=2.83	kinf=1.028 Enrch=0.72 Dschg=1980	NATCH
Nassy=8 burnup=4.31	kinf=1.009 Enrch=0.72 Dschg=1980	NATCH
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1980	NATCH
Nassy=8 burnup=3.15	kinf=1.024 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=8 burnup=4.11	kinf=1.012 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=21 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=15 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=12 burnup=4.71	kinf=1.004 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=7 burnup=2.96	kinf=1.027 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=1 burnup=2.96	kinf=1.027 Enrch=0.72 Dschg=1985	SUSQUEHANNA
Nassy=4 burnup=3.14	kinf=1.024 Enrch=0.72 Dschg=1985	LASALLE
Nassy=6 burnup=4.86	kinf=1.003 Enrch=0.72 Dschg=1985	LASALLE
Nassy=2 burnup=4.86	kinf=1.003 Enrch=0.72 Dschg=1985	LASALLE
Nassy=8 burnup=2.92	kinf=1.027 Enrch=0.72 Dschg=1985	LASALLE
Nassy=8 burnup=3.41	kinf=1.021 Enrch=0.72 Dschg=1985	LASALLE
Nassy=18 burnup=4.08	kinf=1.012 Enrch=0.72 Dschg=1985	LASALLE
Nassy=30 burnup=3.91	kinf=1.015 Enrch=0.72 Dschg=1985	LASALLE
Nassy=1 burnup=2.64	kinf=1.031 Enrch=0.72 Dschg=1985	LASALLE
Nassy=7 burnup=2.64	kinf=1.031 Enrch=0.72 Dschg=1985	LASALLE
Nassy=1 burnup=2.22	kinf=1.038 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=7 burnup=2.22	kinf=1.038 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=14 burnup=2.86	kinf=1.030 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=8 burnup=3.07	kinf=1.027 Enrch=0.73 Dschg=1986	WASH NUCLEA

Nassy=15 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=7 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=2 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=6 burnup=2.65	kinf=1.033 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=16 burnup=1.77	kinf=1.044 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=4 burnup=3.28	kinf=1.024 Enrch=0.73 Dschg=1986	WASH NUCLEA
Nassy=2 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=12 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=12 burnup=4.17	kinf=1.013 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=6 burnup=3.09	kinf=1.026 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=2 burnup=3.09	kinf=1.026 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=4 burnup=2.76	kinf=1.030 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=4 burnup=2.76	kinf=1.030 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=12 burnup=3.50	kinf=1.020 Enrch=0.72 Dschg=1986	SUSQUEHANNA
Nassy=9 burnup=3.98	kinf=1.015 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=13 burnup=3.98	kinf=1.015 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=8 burnup=4.72	kinf=1.006 Enrch=0.73 Dschg=1986	SUSQUEHANNA
Nassy=11 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=44 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=7 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=26 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=4 burnup=3.35	kinf=1.022 Enrch=0.72 Dschg=1986	GRAND GULF
Nassy=37 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=26 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=28 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=1 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1987	LASALLE
Nassy=18 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=5 burnup=5.00	kinf=1.487 Enrch=3.70 Dschg=1987	LACROSSE
Nassy=1 burnup=5.00	kinf=1.488 Enrch=3.71 Dschg=1987	LACROSSE
Nassy=37 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=27 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=8 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1987	RVR BEND
Nassy=7 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=19 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=16 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=26 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=20 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=4 burnup=3.00	kinf=1.028 Enrch=0.73 Dschg=1988	HOPE CREEK
Nassy=15 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=33 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=3 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=1 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=8 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=16 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	CLINTON
Nassy=30 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=35 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=2 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=1 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=12 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
Nassy=12 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1989	ENRICO FERM
No bin for s 154.361465 1.138013		
No bin for s 123.031021 1.221207		
No bin for s 161.838730 1.184421		
Nassy=33 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=5 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=14 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=29 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=1 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
Nassy=10 burnup=4.00	kinf=1.013 Enrch=0.72 Dschg=1990	NINE MILE P
No bin for s 135.289886 1.216874		
No bin for s 133.073761 1.219003		
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	SUSQUEHANNA
Nassy=36 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=44 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=4 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=8 burnup=3.00	kinf=1.026 Enrch=0.72 Dschg=1991	LIMERICK
Nassy=1 burnup=1.97	kinf=1.483 Enrch=3.34 Dschg=1994	RVR BEND

Nassy=17 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=132 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=8 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=19 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P
 Nassy=22 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=38 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=20 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK
 Nassy=15 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=132 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=38 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=1 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=6 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM
 Nassy=10 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=88 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=32 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=8 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=15 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES
 Nassy=43 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK
 Nassy=36 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK
 Nassy=8 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK
 Nassy=5 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK
 Nassy=40 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 Nassy=44 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 Nassy=24 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 Nassy=20 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 Nassy=36 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE
 Nassy=23 burnup=10.67 kinf=1.402 Enrch=3.73 Dschg=2024 SUSQUEHANNA
 Nassy=2 burnup=10.67 kinf=1.402 Enrch=3.73 Dschg=2024 SUSQUEHANNA
 Nassy=27 burnup=10.67 kinf=1.402 Enrch=3.73 Dschg=2024 SUSQUEHANNA
 Nassy=5 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 Nassy=176 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 Nassy=12 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 Nassy=3 burnup=7.19 kinf=1.504 Enrch=4.07 Dschg=2026 NINE MILE P
 No bin for s 180.296082 1.262211
 No bin for s 180.296082 1.262211
 No bin for s 180.296082 1.262211
 No bin for s 180.351898 1.262211
 No bin for s 378.547119 1.142999
 No bin for s 378.547150 1.142999
 No bin for s 378.504517 1.142999
 No bin for s 262.091492 1.230513
 No bin for s 262.091492 1.230513
 No bin for s 262.068268 1.230513
 No bin for s 261.929199 1.230513
 age=9 , mass= 3.685000
 age=9 , mass= 17.194000
 age=9 , mass= 0.409000
 age=9 , mass= 8.188000
 age=9 , mass= 2.047000
 age=9 , mass= 0.410000
 age=9 , mass= 1.229000
 age=9 , mass= 0.433000
 age=9 , mass= 2.596000
 age=9 , mass= 16.527000
 age=9 , mass= 4.591000
 age=8 , mass= 4.913000
 age=8 , mass= 25.792000
 age=8 , mass= 6.960000
 age=8 , mass= 1.638000
 age=8 , mass= 0.409000
 age=8 , mass= 8.188000
 age=8 , mass= 17.194000
 age=8 , mass= 8.188000
 age=8 , mass= 0.409000
 age=8 , mass= 5.322000
 age=8 , mass= 0.914000
 No bin for p 953.937378 1.023227
 age=8 , mass= 1.827000
 No bin for p 953.415588 1.023227
 age=8 , mass= 3.261000

age=8 , mass= 11.179000
age=8 , mass= 4.658000
age=8 , mass= 0.932000
age=8 , mass= 1.397000
age=8 , mass= 0.457000
age=5 , mass= 7.844000
age=5 , mass= 1.384000
age=5 , mass= 7.382000
age=5 , mass= 0.461000
No bin for p 1184.599243 1.049874
age=5 , mass= 0.923000
No bin for p 1185.884033 1.049874
age=5 , mass= 2.307000
No bin for p 1093.702393 1.064021
age=5 , mass= 11.073000
No bin for p 1093.643188 1.064021
age=5 , mass= 1.846000
No bin for p 1093.939453 1.064021
age=5 , mass= 3.691000
No bin for p 1551.462769 1.007558
age=5 , mass= 5.537000
No bin for p 1551.602905 1.007558
age=5 , mass= 3.691000
No bin for p 1551.462769 1.007558
age=5 , mass= 1.846000
No bin for p 1551.883057 1.007558
age=5 , mass= 0.461000
No bin for p 1550.201782 1.007558
age=5 , mass= 5.076000
No bin for p 1279.688965 1.027544
age=5 , mass= 11.074000
No bin for p 1279.583984 1.027544
age=5 , mass= 4.153000
No bin for p 1279.660889 1.027544
age=5 , mass= 0.923000
age=5 , mass= 9.690000
age=5 , mass= 5.998000
age=5 , mass= 3.230000