```
BLOCK=OLD
DATASET=STACK
DATASET=ISOTXS
BLOCK=STP027,3
UNFORM=A.STP027
01 0 0 0 1 0 0 0 0 0 999999 1
02 0 0 0 2 0 0 0 1 1 1 0
03 1 0 1 1 1 0 0 0 111111 110000
04
05 0 0 1
UNFORM=A.DIF3D
01    RINSC core3 2MW
02 20000 16000000 0
03 0 0 0 4500 50 0 0 5 1 0 50
04 1 0 0 00 101 12 120 1 1 0 0
05 1.0-5 1.0-4 1.0-5
06 1.0 1.0-3 4.0-2 5.0+6
DATASET=A.HMG4C
01         RINSC LEU Fresh CORE 3, ALL RODS 100% OUT
02    400000
DATASET=A.NIP3
01          RINSC LEU STARTUP CORE
01          ALL CONTROL BLADES FULL OUT
01          REG ROD FULL OUT
02                    1 25000                              1
03              44
04                2     2     2     2     2     2
06    H2ORFO 0.0          113.03          0    43 0.0         160.0
06    TCB1   0.0          113.03          0    43 0.0         29.527
06    TCB2   11.43        101.60         11    39 0.0         52.387
06    TC1    0.0          113.03          0    43 0.0         26.987
06    TC2    13.97        99.06          12    38 26.987      49.847
06    GSBOX  26.352       86.678         11    34 52.387      63.187
06    SHIELD 27.940       85.090         14    33 53.977      61.597
06    GRID   26.085       86.945          4    10 63.822      135.146
06    GBOX   26.085       86.945         10    37 63.822      135.146
06    H2ORFI 26.720       86.310         10    37 64.457      134.511
06    AXREFT 26.773       86.257         32    37 64.51       134.458
06    AXREFB 26.773       86.257         10    15 64.51       134.458
06    POST1  26.085       34.545         10    37 63.822      72.282
06    POST2  26.085       34.545         10    37 126.686     135.146
06    POST3  78.485       86.945         10    37 63.822      72.282
06    POST4  78.485       86.945         10    37 126.686     135.146
06    GRAF1  44.857       68.173         13    35 64.51       72.282
01  moved 5 Be to core boundary  E8 D8 C8 E2 C2 11/98
06    BEEC8  44.857       68.173         13    35 118.914     126.686
06    BE-E2  44.857       52.629         13    35 72.282      80.054
06    BE-C2  60.401       68.173         13    35 72.282      80.054
06    GRAF5  34.545       42.317         13    35 64.51       126.686
06    BEF5A  34.545       42.317         13    35 80.054      118.914            Be
06    GRAF6  70.713       78.485         13    35 64.51       126.686
06    BEF6A  70.713       78.485         13    35 80.054      118.914            Be
01 move 2 BE away    BE1    26.773      34.545          9    26 72.282      126.686
06    GRAG1  26.773       34.545         15    32 72.282      126.686            G
01 move 2 Be away    BE2    78.485      86.257          9    26 72.282      126.686
06    GRAG2  78.485       86.257         15    32 72.282      126.686            G
06    FC     78.485       86.257         41    43 126.686     134.458
06    CIC    26.773       34.545         41    43 126.686     134.458
01  RBBL1S to BE-F9    11/99
06    BE-F9  34.545       42.317         15    32 126.686     134.458
01  RBBL2S to BE-E9 updated from rinsc info 8/98
01  removed RB box  11/98  06    RBBL2E 45.351      52.135          9    26 126.686     134.458
01  removed 06    RB2    45.351      52.135          9    26 127.0417    134.1023
06    G-E9   44.857       52.629         15    32 126.686     134.458
06    RBBL3S 52.629       60.401         15    32 126.686     134.458
06    RBBL3E 53.123       59.907         15    32 126.686     134.458
06    RB3    53.123       59.907         15    32 127.0417    134.1023
06    RBBL4S 60.401       68.173         15    32 126.686     134.458
06    RBBL4E 60.895       67.679         15    32 126.686     134.458
06    RB4    60.895       67.679         15    32 127.0417    134.1023
06    RBBL5S 70.713       78.485         15    32 126.686     134.458
```

06	RBBL5E	71.207	77.991	15	32	126.686	134.458
06	RB5	71.207	77.991	15	32	127.0417	134.1023
06	E3A	44.857	52.629	15	19	80.054	87.826
06	E4A	44.857	52.629	15	19	87.826	95.598
06	E5A	44.857	52.629	15	19	95.598	103.370
06	E6A	44.857	52.629	15	19	103.370	111.142
06	E7A	44.857	52.629	15	19	111.142	118.914
06	D3A	52.629	60.401	15	19	80.054	87.826
06	D4A	52.629	60.401	15	19	87.826	95.598
06	D6A	52.629	60.401	15	19	103.370	111.142
06	D7A	52.629	60.401	15	19	111.142	118.914
06	C3A	60.401	68.173	15	19	80.054	87.826
06	C4A	60.401	68.173	15	19	87.826	95.598
06	C5A	60.401	68.173	15	19	95.598	103.370
06	C6A	60.401	68.173	15	19	103.370	111.142
06	C7A	60.401	68.173	15	19	111.142	118.914
06	E3B	44.857	52.629	19	23	80.054	87.826
06	E4B	44.857	52.629	19	23	87.826	95.598
06	E5B	44.857	52.629	19	23	95.598	103.370
06	E6B	44.857	52.629	19	23	103.370	111.142
06	E7B	44.857	52.629	19	23	111.142	118.914
06	D3B	52.629	60.401	19	23	80.054	87.826
06	D4B	52.629	60.401	19	23	87.826	95.598
06	D6B	52.629	60.401	19	23	103.370	111.142
06	D7B	52.629	60.401	19	23	111.142	118.914
06	C3B	60.401	68.173	19	23	80.054	87.826
06	C4B	60.401	68.173	19	23	87.826	95.598
06	C5B	60.401	68.173	19	23	95.598	103.370
06	C6B	60.401	68.173	19	23	103.370	111.142
06	C7B	60.401	68.173	19	23	111.142	118.914
06	E3C	44.857	52.629	23	27	80.054	87.826
06	E4C	44.857	52.629	23	27	87.826	95.598
06	E5C	44.857	52.629	23	27	95.598	103.370
06	E6C	44.857	52.629	23	27	103.370	111.142
06	E7C	44.857	52.629	23	27	111.142	118.914
06	D3C	52.629	60.401	23	27	80.054	87.826
06	D4C	52.629	60.401	23	27	87.826	95.598
06	D6C	52.629	60.401	23	27	103.370	111.142
06	D7C	52.629	60.401	23	27	111.142	118.914
06	C3C	60.401	68.173	23	27	80.054	87.826
06	C4C	60.401	68.173	23	27	87.826	95.598
06	C5C	60.401	68.173	23	27	95.598	103.370
06	C6C	60.401	68.173	23	27	103.370	111.142
06	C7C	60.401	68.173	23	27	111.142	118.914
06	E3D	44.857	52.629	27	32	80.054	87.826
06	E4D	44.857	52.629	27	32	87.826	95.598
06	E5D	44.857	52.629	27	32	95.598	103.370
06	E6D	44.857	52.629	27	32	103.370	111.142
06	E7D	44.857	52.629	27	32	111.142	118.914
06	D3D	52.629	60.401	27	32	80.054	87.826
06	D4D	52.629	60.401	27	32	87.826	95.598
06	D6D	52.629	60.401	27	32	103.370	111.142
06	D7D	52.629	60.401	27	32	111.142	118.914
06	C3D	60.401	68.173	27	32	80.054	87.826
06	C4D	60.401	68.173	27	32	87.826	95.598
06	C5D	60.401	68.173	27	32	95.598	103.370
06	C6D	60.401	68.173	27	32	103.370	111.142
06	C7D	60.401	68.173	27	32	111.142	118.914
06	S1	44.857	45.7015	15	32	80.054	118.914
06	S2	51.7845	52.629	15	32	80.054	118.914
06	S3	52.629	53.4735	15	32	80.054	118.914
06	S4	59.5565	60.401	15	32	80.054	118.914
06	S5	60.401	61.2455	15	32	80.054	118.914
06	S6	67.3285	68.173	15	32	80.054	118.914
06	G1	42.317	44.857	15	32	64.51	70.086
06	G2	42.317	44.857	15	32	98.090	100.878
06	G3	42.317	44.857	15	32	128.882	134.458
06	G4	68.173	70.713	15	32	64.51	70.086
06	G5	68.173	70.713	15	32	98.090	100.878
06	G6	68.173	70.713	15	32	128.882	134.458
06	TRAP	52.629	60.401	15	32	95.598	103.370

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01  flux trap size different   9/98  **
01  06    HOLE   54.8265     58.2035         9    26 97.7955     101.1725
06    HOLE   54.6861     58.3439        15    32 97.6551     101.3130
01  G1 to G6 CR guide tubes
06    CNTL1O 68.173      70.713         13    36 100.878     128.882
06    CNTL2O 68.173      70.713         13    36 70.086      98.090
06    CNTL3O 42.317      44.857         13    36 70.086      98.090
06    CNTL4O 42.317      44.857         13    36 100.878     128.882
06    CNTL1I 68.173      70.713         36    43 100.878     128.882
06    CNTL2I 68.173      70.713         36    43 70.086      98.090
06    CNTL3I 42.317      44.857         36    43 70.086      98.090
06    CNTL4I 42.317      44.857         36    43 100.878     128.882
06    BLADE1 69.11915    69.76685       36    43 101.507     128.253
06    BLADE2 69.11915    69.76685       36    43 70.715      97.461
06    BLADE3 43.26315    43.91085       36    43 70.715      97.461
06    BLADE4 43.26315    43.91085       36    43 101.507     128.253
06    REGOUT 52.629      60.401         13    43 72.282      80.054
01  make the reg rod fully out  9/98 **
06    REGIN1 52.629      60.401         36    43 72.282      80.054
06    ROD1   53.816      59.214         36    43 73.46925    78.86675
06    REGIN2 54.451      58.579         36    43 74.10425    78.23175
07    E3    E3A   E3B   E3C   E3D
07    E4    E4A   E4B   E4C   E4D
07    E5    E5A   E5B   E5C   E5D
07    E6    E6A   E6B   E6C   E6D
07    E7    E7A   E7B   E7C   E7D
07    D3    D3A   D3B   D3C   D3D
07    D4    D4A   D4B   D4C   D4D
07    D6    D6A   D6B   D6C   D6D
07    D7    D7A   D7B   D7C   D7D
07    C3    C3A   C3B   C3C   C3D
07    C4    C4A   C4B   C4C   C4D
07    C5    C5A   C5B   C5C   C5D
07    C6    C6A   C6B   C6C   C6D
07    C7    C7A   C7B   C7C   C7D
07    FUEL  E3A   E3B   E3C   E3D
07    FUEL  E4A   E4B   E4C   E4D
07    FUEL  E5A   E5B   E5C   E5D
07    FUEL  E6A   E6B   E6C   E6D
07    FUEL  E7A   E7B   E7C   E7D
07    FUEL  D3A   D3B   D3C   D3D
07    FUEL  D4A   D4B   D4C   D4D
07    FUEL  D6A   D6B   D6C   D6D
07    FUEL  D7A   D7B   D7C   D7D
07    FUEL  C3A   C3B   C3C   C3D
07    FUEL  C4A   C4B   C4C   C4D
07    FUEL  C5A   C5B   C5C   C5D
07    FUEL  C6A   C6B   C6C   C6D
07    FUEL  C7A   C7B   C7C   C7D
09        X     4   11.430000     1   13.970000     1   26.085000
09        X     1   26.352000     1   26.720000     1   26.773000
09        X     1   27.940000     1   34.545000     1   35.039000
09        X     1   41.823000     1   42.317000     1   43.263150
09        X     2   43.910850     1   44.857000     1   45.351000
09        X     1   45.701500     3   51.784500     1   52.135000
09        X     1   52.629000     1   53.123000     1   53.473500
09        X     1   53.816000     2   54.451000     1   54.686100
09        X     2   58.343900     1   58.579000     2   59.214000
09        X     1   59.556500     1   59.907000     1   60.401000
09        X     1   60.895000     1   61.245500     3   67.328500
09        X     1   67.679000     1   68.173000     1   69.119150
09        X     2   69.766850     1   70.713000     1   71.207000
09        X     1   77.991000     1   78.485000     1   85.090000
09        X     1   86.257000     1   86.310000     1   86.678000
09        X     1   86.945000     1   99.060000     1  101.600000
09        X     1  113.030000
09        Y     8  26.987         1  29.527         3  49.847
09        Y     1  52.387         1  53.977         2  61.597
09        Y     1  63.187         1  63.822         1  64.457
09        Y     1  64.51          3  70.086         1  70.715
09        Y     1  72.282         1  73.46925       2  74.10425
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09         Y     3  78.23175       2  78.86675
09         Y     2  80.054         2  82.8145        1  85.0655
09         Y     2  87.826         2  90.5865        1  92.8375
09         Y     2  95.598         2  97.461         1  97.6551
09         Y     1  98.090         1  100.878        1  101.3130
09         Y     1  101.507
09         Y     2  103.370        2  106.1305       1  108.3815
09         Y     2  111.142        2  113.9025       1  116.1535
09         Y     2  118.914
09         Y     1  119.2697       3  126.3303       1  126.686
09         Y     1  127.0417       1  128.253
09         Y     1  128.882        1  134.1023
09         Y     1  134.458        1  134.511        1  135.146
09         Y     4  160.0
09         Z     4  13.36          5  26.22
09         Z     1  28.45          1  29.72
09         Z     1  32.26          1  34.16          1  35.75
09         Z     1  37.0175       14  88.690625      2  95.44
09         Z     1  96.0725
09         Z     1  97.35          1  103.38         1  107.503
09         Z     1  110.510        1  116.08         1  117.35
09         Z     1  119.89         2  137.39         2  158.94
13          MEAT  U5F4 0 1.75523E-03U8F4 0 7.04193E-03ALF4 0 3.88984E-02
13          MEAT  SIF4 0 5.94365E-03
13          MEAT  FU6B 0 1.00000E-10FP9B 0 1.00000E-10FP0B 0 1.00000E-10
13          MEAT  FP1B 0 1.00000E-10FP2B 0 1.00000E-10FXEB 0 1.00000E-10
13          MEAT  FPMB 0 1.00000E-10FSMB 0 1.00000E-10FI5B 0 1.00000E-10
13          MEAT  PFP1 0 1.00000E-10ODUM 0 1.00000E-10
13          MTE3A U5F4 2 1.65355E-03FU6B 2 1.78449E-05U8F4 2 7.03268E-03      $  E3A   5.79E+00 %
13          MTE3A FP9B 2 3.73387E-07FP0B 2 1.81780E-08FP1B 2 2.91412E-06
13          MTE3A FP2B 2 1.72392E-07FXEB 2 1.13310E-08FI5B 2 1.68241E-08
13          MTE3A FPMB 2 2.30570E-08FSMB 2 1.41022E-07PFP1 2 9.19193E-05
13          MTE3A ODUM 0 4.25960E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE3B U5F4 3 1.60702E-03FU6B 3 2.62962E-05U8F4 3 7.02782E-03      $  E3B   8.44E+00 %
13          MTE3B FP9B 3 5.59923E-07FP0B 3 4.01829E-08FP1B 3 4.86078E-06
13          MTE3B FP2B 3 4.33866E-07FXEB 3 1.31113E-08FI5B 3 2.44166E-08
13          MTE3B FPMB 3 3.35076E-08FSMB 3 1.38275E-07PFP1 3 1.34228E-04
13          MTE3B ODUM 0 5.80841E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE3C U5F4 3 1.60633E-03FU6B 3 2.64214E-05U8F4 3 7.02782E-03      $  E3C   8.48E+00 %
13          MTE3C FP9B 3 5.62302E-07FP0B 3 4.05473E-08FP1B 3 4.89054E-06
13          MTE3C FP2B 3 4.38804E-07FXEB 3 1.31307E-08FI5B 3 2.45271E-08
13          MTE3C FPMB 3 3.36606E-08FSMB 3 1.38227E-07PFP1 3 1.34861E-04
13          MTE3C ODUM 0 5.83136E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE3D U5F4 2 1.65174E-03FU6B 2 1.81780E-05U8F4 2 7.03268E-03      $  E3D   5.90E+00 %
13          MTE3D FP9B 2 3.80236E-07FP0B 2 1.88512E-08FP1B 2 2.98783E-06
13          MTE3D FP2B 2 1.80146E-07FXEB 2 1.14207E-08FI5B 2 1.71161E-08
13          MTE3D FPMB 2 2.34583E-08FSMB 2 1.41036E-07PFP1 2 9.35744E-05
13          MTE3D ODUM 0 4.32156E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE4A U5F4 3 1.63261E-03FU6B 3 2.19381E-05U8F4 3 7.02990E-03      $  E4A   6.99E+00 %
13          MTE4A FP9B 3 4.91606E-07FP0B 3 2.93421E-08FP1B 3 3.78804E-06
13          MTE4A FP2B 3 2.76377E-07FXEB 3 1.23359E-08FI5B 3 2.03637E-08
13          MTE4A FPMB 3 2.79298E-08FSMB 3 1.40369E-07PFP1 3 1.11363E-04
13          MTE4A ODUM 0 5.00389E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE4B U5F4 4 1.57608E-03FU6B 4 3.24298E-05U8F4 4 7.02364E-03      $  E4B   1.02E+01 %
13          MTE4B FP9B 4 7.30737E-07FP0B 4 6.44298E-08FP1B 4 6.18387E-06
13          MTE4B FP2B 4 6.87114E-07FXEB 4 1.39722E-08FI5B 4 2.96050E-08
13          MTE4B FPMB 4 4.06718E-08FSMB 4 1.36794E-07PFP1 4 1.63046E-04
13          MTE4B ODUM 0 6.93700E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE4C U5F4 4 1.57524E-03FU6B 4 3.25786E-05U8F4 4 7.02295E-03      $  E4C   1.03E+01 %
13          MTE4C FP9B 4 7.33658E-07FP0B 4 6.49882E-08FP1B 4 6.21843E-06
13          MTE4C FP2B 4 6.94506E-07FXEB 4 1.39882E-08FI5B 4 2.97337E-08
13          MTE4C FPMB 4 4.08498E-08FSMB 4 1.36732E-07PFP1 4 1.63790E-04
13          MTE4C ODUM 0 6.96523E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE4D U5F4 3 1.63039E-03FU6B 3 2.23533E-05U8F4 3 7.02990E-03      $  E4D   7.11E+00 %
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13          MTE4D FP9B 3 5.00146E-07FP0B 3 3.04068E-08FP1B 3 3.88185E-06
13          MTE4D FP2B 3 2.88832E-07FXEB 3 1.24221E-08FI5B 3 2.07239E-08
13          MTE4D FPMB 3 2.84249E-08FSMB 3 1.40334E-07PFP1 3 1.13408E-04
13          MTE4D ODUM 0 5.07983E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE5A U5F4 3 1.61815E-03FU6B 3 2.44402E-05U8F4 3 7.02851E-03      $  E5A   7.81E+00 %
13          MTE5A FP9B 3 5.18053E-07FP0B 3 3.44708E-08FP1B 3 4.39249E-06
13          MTE5A FP2B 3 3.60793E-07FXEB 3 1.28143E-08FI5B 3 2.26843E-08
13          MTE5A FPMB 3 3.11210E-08FSMB 3 1.39221E-07PFP1 3 1.24312E-04
13          MTE5A ODUM 0 5.46280E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE5B U5F4 4 1.55772E-03FU6B 4 3.57163E-05U8F4 4 7.02156E-03      $  E5B   1.13E+01 %
13          MTE5B FP9B 4 7.65090E-07FP0B 4 7.43463E-08FP1B 4 6.94889E-06
13          MTE5B FP2B 4 8.60709E-07FXEB 4 1.42837E-08FI5B 4 3.25369E-08
13          MTE5B FPMB 4 4.47191E-08FSMB 4 1.35403E-07PFP1 4 1.79631E-04
13          MTE5B ODUM 0 7.56120E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE5C U5F4 4 1.55681E-03FU6B 4 3.58762E-05U8F4 4 7.02156E-03      $  E5C   1.13E+01 %
13          MTE5C FP9B 4 7.68011E-07FP0B 4 7.49722E-08FP1B 4 6.98540E-06
13          MTE5C FP2B 4 8.69611E-07FXEB 4 1.42969E-08FI5B 4 3.26745E-08
13          MTE5C FPMB 4 4.49096E-08FSMB 4 1.35341E-07PFP1 4 1.80431E-04
13          MTE5C ODUM 0 7.59179E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE5D U5F4 3 1.61592E-03FU6B 3 2.48665E-05U8F4 3 7.02851E-03      $  E5D   7.94E+00 %
13          MTE5D FP9B 3 5.26704E-07FP0B 3 3.56474E-08FP1B 3 4.48866E-06
13          MTE5D FP2B 3 3.75424E-07FXEB 3 1.28901E-08FI5B 3 2.30494E-08
13          MTE5D FPMB 3 3.16238E-08FSMB 3 1.39186E-07PFP1 3 1.26398E-04
13          MTE5D ODUM 0 5.54061E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE6A U5F4 3 1.63039E-03FU6B 3 2.23310E-05U8F4 3 7.02990E-03      $  E6A   7.11E+00 %
13          MTE6A FP9B 3 4.99332E-07FP0B 3 3.03401E-08FP1B 3 3.87976E-06
13          MTE6A FP2B 3 2.88533E-07FXEB 3 1.24179E-08FI5B 3 2.07204E-08
13          MTE6A FPMB 3 2.84193E-08FSMB 3 1.40216E-07PFP1 3 1.13345E-04
13          MTE6A ODUM 0 5.07601E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE6B U5F4 4 1.57302E-03FU6B 4 3.29764E-05U8F4 4 7.02295E-03      $  E6B   1.04E+01 %
13          MTE6B FP9B 4 7.40890E-07FP0B 4 6.64374E-08FP1B 4 6.31036E-06
13          MTE6B FP2B 4 7.14325E-07FXEB 4 1.40306E-08FI5B 4 3.00897E-08
13          MTE6B FPMB 4 4.13414E-08FSMB 4 1.36572E-07PFP1 4 1.65779E-04
13          MTE6B ODUM 0 7.04033E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE6C U5F4 4 1.57218E-03FU6B 4 3.31266E-05U8F4 4 7.02295E-03      $  E6C   1.04E+01 %
13          MTE6C FP9B 4 7.43811E-07FP0B 4 6.70070E-08FP1B 4 6.34513E-06
13          MTE6C FP2B 4 7.21975E-07FXEB 4 1.40459E-08FI5B 4 3.02197E-08
13          MTE6C FPMB 4 4.15209E-08FSMB 4 1.36509E-07PFP1 4 1.66530E-04
13          MTE6C ODUM 0 7.06885E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE6D U5F4 3 1.62816E-03FU6B 3 2.27531E-05U8F4 3 7.02921E-03      $  E6D   7.24E+00 %
13          MTE6D FP9B 3 5.07955E-07FP0B 3 3.14374E-08FP1B 3 3.97538E-06
13          MTE6D FP2B 3 3.01495E-07FXEB 3 1.25035E-08FI5B 3 2.10862E-08
13          MTE6D FPMB 3 2.89235E-08FSMB 3 1.40181E-07PFP1 3 1.15431E-04
13          MTE6D ODUM 0 5.15320E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE7A U5F4 2 1.65042E-03FU6B 2 1.84583E-05U8F4 2 7.03268E-03      $  E7A   5.97E+00 %
13          MTE7A FP9B 2 3.87768E-07FP0B 2 1.95160E-08FP1B 2 3.04284E-06
13          MTE7A FP2B 2 1.86224E-07FXEB 2 1.14958E-08FI5B 2 1.73484E-08
13          MTE7A FPMB 2 2.37782E-08FSMB 2 1.40960E-07PFP1 2 9.48261E-05
13          MTE7A ODUM 0 4.37128E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE7B U5F4 3 1.60327E-03FU6B 3 2.70730E-05U8F4 3 7.02712E-03      $  E7B   8.66E+00 %
13          MTE7B FP9B 3 5.79110E-07FP0B 3 4.27490E-08FP1B 3 5.02142E-06
13          MTE7B FP2B 3 4.61537E-07FXEB 3 1.32378E-08FI5B 3 2.50494E-08
13          MTE7B FPMB 3 3.43804E-08FSMB 3 1.38164E-07PFP1 3 1.37754E-04
13          MTE7B ODUM 0 5.94771E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTE7C U5F4 3 1.60257E-03FU6B 3 2.71975E-05U8F4 3 7.02712E-03      $  E7C   8.70E+00 %
13          MTE7C FP9B 3 5.81495E-07FP0B 3 4.31245E-08FP1B 3 5.05083E-06
13          MTE7C FP2B 3 4.66586E-07FXEB 3 1.32559E-08FI5B 3 2.51586E-08
13          MTE7C FPMB 3 3.45313E-08FSMB 3 1.38115E-07PFP1 3 1.38380E-04
13          MTE7C ODUM 0 5.97058E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03
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13          MTE7D U5F4 3 1.64861E-03FU6B 3 1.87907E-05U8F4 3 7.03199E-03      $  E7D   6.07E+00 %
13          MTE7D FP9B 3 3.94708E-07FP0B 3 2.02170E-08FP1B 3 3.11620E-06
13          MTE7D FP2B 3 1.94249E-07FXEB 3 1.15821E-08FI5B 3 1.76377E-08
13          MTE7D FPMB 3 2.41759E-08FSMB 3 1.40974E-07PFP1 3 9.64673E-05
13          MTE7D ODUM 0 4.43289E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTD3A U5F4 3 1.64889E-03FU6B 3 1.89882E-05U8F4 3 7.03199E-03      $  D3A   6.06E+00 %
13          MTD3A FP9B 3 4.31321E-07FP0B 3 2.22497E-08FP1B 3 3.11001E-06
13          MTD3A FP2B 3 1.94374E-07FXEB 3 1.16502E-08FI5B 3 1.76871E-08
13          MTD3A FPMB 3 2.42483E-08FSMB 3 1.41892E-07PFP1 3 9.65647E-05
13          MTD3A ODUM 0 4.46120E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTD3B U5F4 3 1.60056E-03FU6B 3 2.79444E-05U8F4 3 7.02643E-03      $  D3B   8.81E+00 %
13          MTD3B FP9B 3 6.45097E-07FP0B 3 4.89075E-08FP1B 3 5.14597E-06
13          MTD3B FP2B 3 4.84986E-07FXEB 3 1.34117E-08FI5B 3 2.56147E-08
13          MTD3B FPMB 3 3.51662E-08FSMB 3 1.39006E-07PFP1 3 1.40737E-04
13          MTD3B ODUM 0 6.10376E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTD3C U5F4 3 1.59986E-03FU6B 3 2.80772E-05U8F4 3 7.02573E-03      $  D3C   8.85E+00 %
13          MTD3C FP9B 3 6.47802E-07FP0B 3 4.93470E-08FP1B 3 5.17705E-06
13          MTD3C FP2B 3 4.90452E-07FXEB 3 1.34305E-08FI5B 3 2.57302E-08
13          MTD3C FPMB 3 3.53255E-08FSMB 3 1.38950E-07PFP1 3 1.41405E-04
13          MTD3C ODUM 0 6.12823E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTD3D U5F4 3 1.64694E-03FU6B 3 1.93449E-05U8F4 3 7.03129E-03      $  D3D   6.17E+00 %
13          MTD3D FP9B 3 4.39110E-07FP0B 3 2.30688E-08FP1B 3 3.18915E-06
13          MTD3D FP2B 3 2.03206E-07FXEB 3 1.17406E-08FI5B 3 1.79986E-08
13          MTD3D FPMB 3 2.46759E-08FSMB 3 1.41892E-07PFP1 3 9.83241E-05
13          MTD3D ODUM 0 4.52733E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTD4A U5F4 3 1.62364E-03FU6B 3 2.38950E-05U8F4 3 7.02851E-03      $  D4A   7.50E+00 %
13          MTD4A FP9B 3 5.51064E-07FP0B 3 3.56036E-08FP1B 3 4.17156E-06
13          MTD4A FP2B 3 3.30229E-07FXEB 3 1.27531E-08FI5B 3 2.19277E-08
13          MTD4A FPMB 3 3.00841E-08FSMB 3 1.40974E-07PFP1 3 1.19958E-04
13          MTD4A ODUM 0 5.35264E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTD4B U5F4 4 1.56613E-03FU6B 4 3.48748E-05U8F4 4 7.02086E-03      $  D4B   1.08E+01 %
13          MTD4B FP9B 4 8.16133E-07FP0B 4 7.66759E-08FP1B 4 6.61634E-06
13          MTD4B FP2B 4 7.86579E-07FXEB 4 1.42949E-08FI5B 4 3.13804E-08
13          MTD4B FPMB 4 4.31293E-08FSMB 4 1.37399E-07PFP1 4 1.72907E-04
13          MTD4B ODUM 0 7.39499E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTD4C U5F4 4 1.56530E-03FU6B 4 3.50341E-05U8F4 4 7.02086E-03      $  D4C   1.08E+01 %
13          MTD4C FP9B 4 8.19332E-07FP0B 4 7.73296E-08FP1B 4 6.65243E-06
13          MTD4C FP2B 4 7.94923E-07FXEB 4 1.43095E-08FI5B 4 3.15160E-08
13          MTD4C FPMB 4 4.33171E-08FSMB 4 1.37337E-07PFP1 4 1.73693E-04
13          MTD4C ODUM 0 7.42559E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTD4D U5F4 3 1.62156E-03FU6B 3 2.42907E-05U8F4 3 7.02782E-03      $  D4D   7.62E+00 %
13          MTD4D FP9B 3 5.60355E-07FP0B 3 3.67879E-08FP1B 3 4.25800E-06
13          MTD4D FP2B 3 3.42865E-07FXEB 3 1.28282E-08FI5B 3 2.22587E-08
13          MTD4D FPMB 3 3.05403E-08FSMB 3 1.40960E-07PFP1 3 1.21843E-04
13          MTD4D ODUM 0 5.42483E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTD6A U5F4 3 1.62149E-03FU6B 3 2.42900E-05U8F4 3 7.02782E-03      $  D6A   7.62E+00 %
13          MTD6A FP9B 3 5.59465E-07FP0B 3 3.67441E-08FP1B 3 4.26182E-06
13          MTD6A FP2B 3 3.43373E-07FXEB 3 1.28268E-08FI5B 3 2.22768E-08
13          MTD6A FPMB 3 3.05654E-08FSMB 3 1.40828E-07PFP1 3 1.21905E-04
13          MTD6A ODUM 0 5.42496E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTD6B U5F4 4 1.56328E-03FU6B 4 3.54061E-05U8F4 4 7.02017E-03      $  D6B   1.09E+01 %
13          MTD6B FP9B 4 8.26843E-07FP0B 4 7.88665E-08FP1B 4 6.73463E-06
13          MTD6B FP2B 4 8.14186E-07FXEB 4 1.43456E-08FI5B 4 3.18373E-08
13          MTD6B FPMB 4 4.37615E-08FSMB 4 1.37197E-07PFP1 4 1.75494E-04
13          MTD6B ODUM 0 7.49722E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTD6C U5F4 4 1.56245E-03FU6B 4 3.55668E-05U8F4 4 7.02017E-03      $  D6C   1.10E+01 %
13          MTD6C FP9B 4 8.30042E-07FP0B 4 7.95271E-08FP1B 4 6.77086E-06
13          MTD6C FP2B 4 8.22740E-07FXEB 4 1.43602E-08FI5B 4 3.19736E-08
13          MTD6C FPMB 4 4.39499E-08FSMB 4 1.37135E-07PFP1 4 1.76286E-04
13          MTD6C ODUM 0 7.52782E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03
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13          MTD6D U5F4 3 1.61940E-03FU6B 3 2.46926E-05U8F4 3 7.02782E-03      $  D6D   7.74E+00 %
13          MTD6D FP9B 3 5.68832E-07FP0B 3 3.79618E-08FP1B 3 4.35000E-06
13          MTD6D FP2B 3 3.56509E-07FXEB 3 1.29013E-08FI5B 3 2.26140E-08
13          MTD6D FPMB 3 3.10292E-08FSMB 3 1.40814E-07PFP1 3 1.23832E-04
13          MTD6D ODUM 0 5.49847E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTD7A U5F4 2 1.64986E-03FU6B 2 1.90132E-05U8F4 2 7.03129E-03      $  D7A   6.00E+00 %
13          MTD7A FP9B 2 4.48866E-07FP0B 2 2.31224E-08FP1B 2 3.07316E-06
13          MTD7A FP2B 2 1.91154E-07FXEB 2 1.16558E-08FI5B 2 1.75737E-08
13          MTD7A FPMB 2 2.40939E-08FSMB 2 1.42378E-07PFP1 2 9.59249E-05
13          MTD7A ODUM 0 4.45640E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTD7B U5F4 3 1.60452E-03FU6B 3 2.76168E-05U8F4 3 7.02573E-03      $  D7B   8.59E+00 %
13          MTD7B FP9B 3 6.68825E-07FP0B 3 4.98825E-08FP1B 3 4.98957E-06
13          MTD7B FP2B 3 4.60264E-07FXEB 3 1.33915E-08FI5B 3 2.50800E-08
13          MTD7B FPMB 3 3.44325E-08FSMB 3 1.39826E-07PFP1 3 1.37684E-04
13          MTD7B ODUM 0 6.03387E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTD7C U5F4 3 1.60382E-03FU6B 3 2.77434E-05U8F4 3 7.02573E-03      $  D7C   8.63E+00 %
13          MTD7C FP9B 3 6.71551E-07FP0B 3 5.03150E-08FP1B 3 5.01871E-06
13          MTD7C FP2B 3 4.65264E-07FXEB 3 1.34103E-08FI5B 3 2.51885E-08
13          MTD7C FPMB 3 3.45828E-08FSMB 3 1.39777E-07PFP1 3 1.38310E-04
13          MTD7C ODUM 0 6.05723E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTD7D U5F4 3 1.64833E-03FU6B 3 1.93241E-05U8F4 3 7.03129E-03      $  D7D   6.09E+00 %
13          MTD7D FP9B 3 4.56725E-07FP0B 3 2.39006E-08FP1B 3 3.13866E-06
13          MTD7D FP2B 3 1.98449E-07FXEB 3 1.17357E-08FI5B 3 1.78338E-08
13          MTD7D FPMB 3 2.44513E-08FSMB 3 1.42420E-07PFP1 3 9.73992E-05
13          MTD7D ODUM 0 4.51363E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC3A U5F4 2 1.65362E-03FU6B 2 1.78303E-05U8F4 2 7.03268E-03      $  C3A   5.79E+00 %
13          MTC3A FP9B 2 3.73129E-07FP0B 2 1.81509E-08FP1B 2 2.91057E-06
13          MTC3A FP2B 2 1.72024E-07FXEB 2 1.13268E-08FI5B 2 1.68102E-08
13          MTC3A FPMB 2 2.30376E-08FSMB 2 1.41029E-07PFP1 2 9.18428E-05
13          MTC3A ODUM 0 4.25675E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC3B U5F4 3 1.60716E-03FU6B 3 2.62740E-05U8F4 3 7.02782E-03      $  C3B   8.44E+00 %
13          MTC3B FP9B 3 5.59562E-07FP0B 3 4.01224E-08FP1B 3 4.85542E-06
13          MTC3B FP2B 3 4.32990E-07FXEB 3 1.31085E-08FI5B 3 2.43971E-08
13          MTC3B FPMB 3 3.34805E-08FSMB 3 1.38289E-07PFP1 3 1.34110E-04
13          MTC3B ODUM 0 5.80438E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC3C U5F4 3 1.60647E-03FU6B 3 2.63992E-05U8F4 3 7.02782E-03      $  C3C   8.48E+00 %
13          MTC3C FP9B 3 5.61933E-07FP0B 3 4.04868E-08FP1B 3 4.88519E-06
13          MTC3C FP2B 3 4.37914E-07FXEB 3 1.31273E-08FI5B 3 2.45076E-08
13          MTC3C FPMB 3 3.36328E-08FSMB 3 1.38241E-07PFP1 3 1.34750E-04
13          MTC3C ODUM 0 5.82733E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC3D U5F4 2 1.65181E-03FU6B 2 1.81620E-05U8F4 2 7.03268E-03      $  C3D   5.89E+00 %
13          MTC3D FP9B 2 3.79972E-07FP0B 2 1.88220E-08FP1B 2 2.98414E-06
13          MTC3D FP2B 2 1.79757E-07FXEB 2 1.14166E-08FI5B 2 1.71015E-08
13          MTC3D FPMB 2 2.34388E-08FSMB 2 1.41043E-07PFP1 2 9.34910E-05
13          MTC3D ODUM 0 4.31864E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC4A U5F4 3 1.63275E-03FU6B 3 2.19075E-05U8F4 3 7.02990E-03      $  C4A   6.98E+00 %
13          MTC4A FP9B 3 4.91057E-07FP0B 3 2.92684E-08FP1B 3 3.78060E-06
13          MTC4A FP2B 3 2.75410E-07FXEB 3 1.23296E-08FI5B 3 2.03359E-08
13          MTC4A FPMB 3 2.78908E-08FSMB 3 1.40382E-07PFP1 3 1.11203E-04
13          MTC4A ODUM 0 4.99819E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC4B U5F4 4 1.57629E-03FU6B 4 3.23846E-05U8F4 4 7.02364E-03      $  C4B   1.02E+01 %
13          MTC4B FP9B 4 7.29972E-07FP0B 4 6.42719E-08FP1B 4 6.17309E-06
13          MTC4B FP2B 4 6.84833E-07FXEB 4 1.39680E-08FI5B 4 2.95647E-08
13          MTC4B FPMB 4 4.06161E-08FSMB 4 1.36815E-07PFP1 4 1.62809E-04
13          MTC4B ODUM 0 6.92844E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC4C U5F4 4 1.57545E-03FU6B 4 3.25334E-05U8F4 4 7.02364E-03      $  C4C   1.02E+01 %
13          MTC4C FP9B 4 7.32893E-07FP0B 4 6.48289E-08FP1B 4 6.20758E-06
13          MTC4C FP2B 4 6.92197E-07FXEB 4 1.39833E-08FI5B 4 2.96933E-08
13          MTC4C FPMB 4 4.07942E-08FSMB 4 1.36752E-07PFP1 4 1.63554E-04
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13          MTC4C ODUM 0 6.95688E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC4D U5F4 3 1.63053E-03FU6B 3 2.23213E-05U8F4 3 7.02990E-03      $  C4D   7.10E+00 %
13          MTC4D FP9B 3 4.99583E-07FP0B 3 3.03296E-08FP1B 3 3.87420E-06
13          MTC4D FP2B 3 2.87809E-07FXEB 3 1.24159E-08FI5B 3 2.06954E-08
13          MTC4D FPMB 3 2.83853E-08FSMB 3 1.40355E-07PFP1 3 1.13248E-04
13          MTC4D ODUM 0 5.07399E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC5A U5F4 3 1.61857E-03FU6B 3 2.43748E-05U8F4 3 7.02851E-03      $  C5A   7.79E+00 %
13          MTC5A FP9B 3 5.16933E-07FP0B 3 3.43039E-08FP1B 3 4.37663E-06
13          MTC5A FP2B 3 3.58428E-07FXEB 3 1.28032E-08FI5B 3 2.26245E-08
13          MTC5A FPMB 3 3.10382E-08FSMB 3 1.39256E-07PFP1 3 1.23978E-04
13          MTC5A ODUM 0 5.45083E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC5B U5F4 4 1.55821E-03FU6B 4 3.56217E-05U8F4 4 7.02156E-03      $  C5B   1.12E+01 %
13          MTC5B FP9B 4 7.63560E-07FP0B 4 7.39917E-08FP1B 4 6.92650E-06
13          MTC5B FP2B 4 8.55285E-07FXEB 4 1.42761E-08FI5B 4 3.24520E-08
13          MTC5B FPMB 4 4.46015E-08FSMB 4 1.35452E-07PFP1 4 1.79145E-04
13          MTC5B ODUM 0 7.54242E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC5C U5F4 4 1.55737E-03FU6B 4 3.57816E-05U8F4 4 7.02156E-03      $  C5C   1.13E+01 %
13          MTC5C FP9B 4 7.66481E-07FP0B 4 7.46175E-08FP1B 4 6.96314E-06
13          MTC5C FP2B 4 8.64186E-07FXEB 4 1.42893E-08FI5B 4 3.25890E-08
13          MTC5C FPMB 4 4.47914E-08FSMB 4 1.35382E-07PFP1 4 1.79944E-04
13          MTC5C ODUM 0 7.57371E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC5D U5F4 3 1.61627E-03FU6B 3 2.47997E-05U8F4 3 7.02851E-03      $  C5D   7.92E+00 %
13          MTC5D FP9B 3 5.25563E-07FP0B 3 3.54729E-08FP1B 3 4.47232E-06
13          MTC5D FP2B 3 3.72949E-07FXEB 3 1.28790E-08FI5B 3 2.29882E-08
13          MTC5D FPMB 3 3.15389E-08FSMB 3 1.39221E-07PFP1 3 1.26050E-04
13          MTC5D ODUM 0 5.52823E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC6A U5F4 3 1.63115E-03FU6B 3 2.22017E-05U8F4 3 7.02990E-03      $  C6A   7.07E+00 %
13          MTC6A FP9B 3 4.97086E-07FP0B 3 3.00257E-08FP1B 3 3.84847E-06
13          MTC6A FP2B 3 2.84374E-07FXEB 3 1.23908E-08FI5B 3 2.05994E-08
13          MTC6A FPMB 3 2.82538E-08FSMB 3 1.40278E-07PFP1 3 1.12677E-04
13          MTC6A ODUM 0 5.05202E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC6B U5F4 4 1.57413E-03FU6B 4 3.27823E-05U8F4 4 7.02295E-03      $  C6B   1.03E+01 %
13          MTC6B FP9B 4 7.37691E-07FP0B 4 6.57573E-08FP1B 4 6.26405E-06
13          MTC6B FP2B 4 7.04381E-07FXEB 4 1.40111E-08FI5B 4 2.99138E-08
13          MTC6B FPMB 4 4.10987E-08FSMB 4 1.36662E-07PFP1 4 1.64784E-04
13          MTC6B ODUM 0 7.00348E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC6C U5F4 4 1.57330E-03FU6B 4 3.29319E-05U8F4 4 7.02295E-03      $  C6C   1.04E+01 %
13          MTC6C FP9B 4 7.40612E-07FP0B 4 6.63206E-08FP1B 4 6.29861E-06
13          MTC6C FP2B 4 7.11892E-07FXEB 4 1.40264E-08FI5B 4 3.00431E-08
13          MTC6C FPMB 4 4.12768E-08FSMB 4 1.36606E-07PFP1 4 1.65529E-04
13          MTC6C ODUM 0 7.03199E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC6D U5F4 3 1.62893E-03FU6B 3 2.26196E-05U8F4 3 7.02990E-03      $  C6D   7.20E+00 %
13          MTC6D FP9B 3 5.05668E-07FP0B 3 3.11099E-08FP1B 3 3.94318E-06
13          MTC6D FP2B 3 2.97128E-07FXEB 3 1.24771E-08FI5B 3 2.09631E-08
13          MTC6D FPMB 3 2.87538E-08FSMB 3 1.40243E-07PFP1 3 1.14736E-04
13          MTC6D ODUM 0 5.12865E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC7A U5F4 2 1.65243E-03FU6B 2 1.81057E-05U8F4 2 7.03268E-03      $  C7A   5.86E+00 %
13          MTC7A FP9B 2 3.83407E-07FP0B 2 1.89235E-08FP1B 2 2.95918E-06
13          MTC7A FP2B 2 1.77364E-07FXEB 2 1.14019E-08FI5B 2 1.70167E-08
13          MTC7A FPMB 2 2.33227E-08FSMB 2 1.41127E-07PFP1 2 9.29833E-05
13          MTC7A ODUM 0 4.30501E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC7B U5F4 3 1.60626E-03FU6B 3 2.65522E-05U8F4 3 7.02782E-03      $  C7B   8.49E+00 %
13          MTC7B FP9B 3 5.72976E-07FP0B 3 4.14638E-08FP1B 3 4.89520E-06
13          MTC7B FP2B 3 4.40313E-07FXEB 3 1.31599E-08FI5B 3 2.45695E-08
13          MTC7B FPMB 3 3.37197E-08FSMB 3 1.38414E-07PFP1 3 1.35063E-04
13          MTC7B ODUM 0 5.85216E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC7C U5F4 3 1.60563E-03FU6B 3 2.66745E-05U8F4 3 7.02782E-03      $  C7C   8.52E+00 %
13          MTC7C FP9B 3 5.75334E-07FP0B 3 4.18282E-08FP1B 3 4.92406E-06
13          MTC7C FP2B 3 4.45139E-07FXEB 3 1.31787E-08FI5B 3 2.46766E-08
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13          MTC7C FPMB 3 3.38679E-08FSMB 3 1.38366E-07PFP1 3 1.35682E-04
13          MTC7C ODUM 0 5.87455E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          MTC7D U5F4 2 1.65070E-03FU6B 2 1.84325E-05U8F4 2 7.03268E-03      $  C7D   5.96E+00 %
13          MTC7D FP9B 2 3.90278E-07FP0B 2 1.96036E-08FP1B 2 3.03102E-06
13          MTC7D FP2B 2 1.85035E-07FXEB 2 1.14882E-08FI5B 2 1.73011E-08
13          MTC7D FPMB 2 2.37135E-08FSMB 2 1.41140E-07PFP1 2 9.45967E-05
13          MTC7D ODUM 0 4.36565E-06ALF4 0 3.88984E-02SIF4 0 5.94365E-03

13          CLAD  ALF4 0 6.02669E-02B10F 0 2.98636E-07B11F 0 1.21115E-06
13          MOD   HFT5 0 6.68610E-02OFT5 0 3.34305E-02
01   water in Be, G and Radiation Basket different from Ken's setup   9/98
13          H2OBE BE-H 0 6.68610E-02BE-O 0 3.34305E-02
13          H2OG  G-H  0 6.68610E-02G-O  0 3.34305E-02
13          H2ORB RB-H 0 6.68610E-02RB-O 0 3.34305E-02
13          H2OR  HH2O 0 6.68610E-02OH2O 0 3.34305E-02
01  13  different Graphite density    9/98
01  13          GRAF  GRAF 0 8.52340E-02
13          GRAF  GRAF 0 8.02300E-02
13          H2OS  HS4  0 6.68610E-02OS4  0 3.34305E-02
13          H2OCR CRH  0 6.68610E-02CRO  0 3.34305E-02
13          ALS   ALS4 0 6.02669E-02B10S 0 2.98636E-07B11S 0 1.21115E-06
13          ALCR  CRAL 0 6.02669E-02B10S 0 2.98636E-07B11S 0 1.21115E-06
13          ALB   ALB  0 6.02669E-02B10B 0 2.98636E-07B11B 0 1.21115E-06
13          ALBX  ALB  0 5.60774E-02SIB  0 4.06809E-03MGB  0 2.01411E-04
13          LEAD  PBS  0 3.29620E-02
13          BE    BET  0 1.23640E-01
13          ALP   ALT  0 6.02669E-02
14          FE3A  MTE3A  0.14380    CLAD   0.21570    MOD    0.64050
14          FE3B  MTE3B  0.14380    CLAD   0.21570    MOD    0.64050
14          FE3C  MTE3C  0.14380    CLAD   0.21570    MOD    0.64050
14          FE3D  MTE3D  0.14380    CLAD   0.21570    MOD    0.64050
14          FE4A  MTE4A  0.14380    CLAD   0.21570    MOD    0.64050
14          FE4B  MTE4B  0.14380    CLAD   0.21570    MOD    0.64050
14          FE4C  MTE4C  0.14380    CLAD   0.21570    MOD    0.64050
14          FE4D  MTE4D  0.14380    CLAD   0.21570    MOD    0.64050
14          FE5A  MTE5A  0.14380    CLAD   0.21570    MOD    0.64050
14          FE5B  MTE5B  0.14380    CLAD   0.21570    MOD    0.64050
14          FE5C  MTE5C  0.14380    CLAD   0.21570    MOD    0.64050
14          FE5D  MTE5D  0.14380    CLAD   0.21570    MOD    0.64050
14          FE6A  MTE6A  0.14380    CLAD   0.21570    MOD    0.64050
14          FE6B  MTE6B  0.14380    CLAD   0.21570    MOD    0.64050
14          FE6C  MTE6C  0.14380    CLAD   0.21570    MOD    0.64050
14          FE6D  MTE6D  0.14380    CLAD   0.21570    MOD    0.64050
14          FE7A  MTE7A  0.14380    CLAD   0.21570    MOD    0.64050
14          FE7B  MTE7B  0.14380    CLAD   0.21570    MOD    0.64050
14          FE7C  MTE7C  0.14380    CLAD   0.21570    MOD    0.64050
14          FE7D  MTE7D  0.14380    CLAD   0.21570    MOD    0.64050
14          FD3A  MTD3A  0.14380    CLAD   0.21570    MOD    0.64050
14          FD3B  MTD3B  0.14380    CLAD   0.21570    MOD    0.64050
14          FD3C  MTD3C  0.14380    CLAD   0.21570    MOD    0.64050
14          FD3D  MTD3D  0.14380    CLAD   0.21570    MOD    0.64050
14          FD4A  MTD4A  0.14380    CLAD   0.21570    MOD    0.64050
14          FD4B  MTD4B  0.14380    CLAD   0.21570    MOD    0.64050
14          FD4C  MTD4C  0.14380    CLAD   0.21570    MOD    0.64050
14          FD4D  MTD4D  0.14380    CLAD   0.21570    MOD    0.64050
14          FD6A  MTD6A  0.14380    CLAD   0.21570    MOD    0.64050
14          FD6B  MTD6B  0.14380    CLAD   0.21570    MOD    0.64050
14          FD6C  MTD6C  0.14380    CLAD   0.21570    MOD    0.64050
14          FD6D  MTD6D  0.14380    CLAD   0.21570    MOD    0.64050
14          FD7A  MTD7A  0.14380    CLAD   0.21570    MOD    0.64050
14          FD7B  MTD7B  0.14380    CLAD   0.21570    MOD    0.64050
14          FD7C  MTD7C  0.14380    CLAD   0.21570    MOD    0.64050
14          FD7D  MTD7D  0.14380    CLAD   0.21570    MOD    0.64050
14          FC3A  MTC3A  0.14380    CLAD   0.21570    MOD    0.64050
14          FC3B  MTC3B  0.14380    CLAD   0.21570    MOD    0.64050
14          FC3C  MTC3C  0.14380    CLAD   0.21570    MOD    0.64050
14          FC3D  MTC3D  0.14380    CLAD   0.21570    MOD    0.64050
14          FC4A  MTC4A  0.14380    CLAD   0.21570    MOD    0.64050
14          FC4B  MTC4B  0.14380    CLAD   0.21570    MOD    0.64050
14          FC4C  MTC4C  0.14380    CLAD   0.21570    MOD    0.64050
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14          FC4D  MTC4D  0.14380    CLAD   0.21570    MOD    0.64050
14          FC5A  MTC5A  0.14380    CLAD   0.21570    MOD    0.64050
14          FC5B  MTC5B  0.14380    CLAD   0.21570    MOD    0.64050
14          FC5C  MTC5C  0.14380    CLAD   0.21570    MOD    0.64050
14          FC5D  MTC5D  0.14380    CLAD   0.21570    MOD    0.64050
14          FC6A  MTC6A  0.14380    CLAD   0.21570    MOD    0.64050
14          FC6B  MTC6B  0.14380    CLAD   0.21570    MOD    0.64050
14          FC6C  MTC6C  0.14380    CLAD   0.21570    MOD    0.64050
14          FC6D  MTC6D  0.14380    CLAD   0.21570    MOD    0.64050
14          FC7A  MTC7A  0.14380    CLAD   0.21570    MOD    0.64050
14          FC7B  MTC7B  0.14380    CLAD   0.21570    MOD    0.64050
14          FC7C  MTC7C  0.14380    CLAD   0.21570    MOD    0.64050
14          FC7D  MTC7D  0.14380    CLAD   0.21570    MOD    0.64050
01 Be block, Graphite block, and Be plug composition are different 9/18
01  14          BEBLK H2OBE  0.04178    BE     0.95822
01  14          BETRP H2OBE  0.03873    BE     0.96127
01  14          REFGR H2OG   0.14165    ALB    0.07113    GRAF   0.78722
14          BEBLK H2OBE  0.04620    BE     0.95380
14          BETPI H2OBE  0.08942    BE     0.91058
14          BETPO H2OBE  0.02478    BE     0.97522
14          REFGR H2OG   0.07348    ALB    0.03922    GRAF   0.88730
01  sideplate composition is different    9/98
01  14          SIDES H2OS   0.32360    ALS    0.67640
14          SIDES H2OS   0.29235    ALS    0.70765
14          AXH2O H2ORB  0.77100    ALB    0.05315    ALBX   0.17585
14          CNTL  H2OS   0.76496    ALS    0.23504
01   Reg rod out composition is different   9/98
01  14          REGO  H2OS   0.68347    ALS    0.31653
14          REGO  H2OCR  0.84580    ALCR   0.15420
14          REGI1 H2OCR  0.16000    ALCR   0.84000
14          REGI2 H2OCR  0.91000    ALCR   0.09000
01   SS 304
14          ROD   CRSS 0 1.75980E-02MNSS 0 1.75320E-03FESS 0 5.85050E-02
14          ROD   NISS 0 8.20290E-03SISS 0 1.71470E-03
01  CNTL0 use detail CR xs for water, composition same  9/98
14          CNTLO H2OCR  0.76496    ALCR   0.23504
14          CNTLI H2OS   0.53238    ALS    0.46762
14          BLADE B10C 0 7.92800E-03B11C 0 3.21530E-02C12C 0 1.00200E-02
14          BLADE ALC  0 3.81090E-02
14          POSTS H2ORB  0.50       ALB    0.50
14          BLOK1 H2ORB  0.04316    ALS    0.95684
14          BLOK2 H2ORB  0.57127    ALS    0.42873
14          BLOK3 H2ORB  0.01065    BE     0.98935
01  plug not used  14          PLUG  ALP    1.0
14          GBOX  H2ORB  0.37264    ALB    0.62726
14          GRID  H2ORB  0.60       ALB    0.40
14          REFH2OH2OR   1.0
14          GUIDE ALCR    1.0
14          BOX   ALB    1.0
14          SHIELDLEAD   1.0
14          THERM GRAF   1.0
15    SIDES S1    S2    S3    S4    S5    S6
15    REFH2OH2ORFOH2ORFIFC    RB3   RB4   RB5   CIC
15    BETPO TRAP
15    BETPI HOLE
15    REGO  REGOUT
15    REGI1 REGIN1
15    REGI2 REGIN2
15    ROD   ROD1
01  removed RBBL2S & RBBL2E, replace with G-E9
15    BLOK1 RBBL3SRBBL4SRBBL5S
15    BLOK2 RBBL3ERBBL4ERBBL5E
15    BEBLK BEF5A BEF6A BEEC8 BE-E2
15    BEBLK BE-C2 BE-F9
15    GRID  GRID
15    AXH2O AXREFTAXREFB
15    GUIDE G1    G2    G3    G4    G5    G6    G-E9
15    CNTLO CNTL1OCNTL2OCNTL3OCNTL4O
15    CNTLI CNTL1ICNTL2ICNTL3ICNTL4I
15    BLADE BLADE1BLADE2BLADE3BLADE4
15    REFGR GRAF1 GRAF5 GRAF6 GRAG1 GRAG2
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15    REFGR G-E9
15    GBOX  GSBOX
15    SHIELDSHIELD
15    THERM TC1   TC2
15    POSTS POST3 POST4 POST1 POST2
15    BOX   GBOX  TCB1  TCB2
15    FE3A  E3A
15    FE3B  E3B
15    FE3C  E3C
15    FE3D  E3D
15    FE4A  E4A
15    FE4B  E4B
15    FE4C  E4C
15    FE4D  E4D
15    FE5A  E5A
15    FE5B  E5B
15    FE5C  E5C
15    FE5D  E5D
15    FE6A  E6A
15    FE6B  E6B
15    FE6C  E6C
15    FE6D  E6D
15    FE7A  E7A
15    FE7B  E7B
15    FE7C  E7C
15    FE7D  E7D
15    FD3A  D3A
15    FD3B  D3B
15    FD3C  D3C
15    FD3D  D3D
15    FD4A  D4A
15    FD4B  D4B
15    FD4C  D4C
15    FD4D  D4D
15    FD6A  D6A
15    FD6B  D6B
15    FD6C  D6C
15    FD6D  D6D
15    FD7A  D7A
15    FD7B  D7B
15    FD7C  D7C
15    FD7D  D7D
15    FC3A  C3A
15    FC3B  C3B
15    FC3C  C3C
15    FC3D  C3D
15    FC4A  C4A
15    FC4B  C4B
15    FC4C  C4C
15    FC4D  C4D
15    FC5A  C5A
15    FC5B  C5B
15    FC5C  C5C
15    FC5D  C5D
15    FC6A  C6A
15    FC6B  C6B
15    FC6C  C6C
15    FC6D  C6D
15    FC7A  C7A
15    FC7B  C7B
15    FC7C  C7C
15    FC7D  C7D
34    BLADE -4.11428E-01     3       2.57877E+00     4
34    BLADE  9.15215E+01     5       2.02441E+03     6
34    BLADE  4.19631E+05     7
35    ADJB  0.0   .44189 0.0  .44189 0.0  .44189     3
35    ADJB  0.0   .10218 0.0  .10218 0.0  .10218     4
35    ADJB  0.0   .08354 0.0  .08354 0.0  .08354     5
35    ADJB  0.0   .07663 0.0  .07663 0.0  .07663     6
35    ADJB  0.0   .07598 0.0  .07598 0.0  .07598     7
36    ADJB  BLADE
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