	File Name	4.2_64-CR0-MDC-MPC-MTF_52GWD_40SP.out
	Enrichment (wt.%)	4.2
	IFBA Count (-)	64
	WABA Count (-)	0
	Control Rods	0
	Burnup (GWD/MTU)	52
	Burnup-Peaking Factor	1.07
	Peak Rod Burnup (GWD/MTU)	55.64
	Specific Power (W/kg)	40
	Uranium Weight (MTU)	0.44
0	Total (W) / Cooling 0 (years)	0.44
1	Total (W) / Cooling 1 (years)	0.44
5	Total (W) / Cooling 5 (years)	0.44
10	Total (W) / Cooling 10 (years)	0.44
20	Total (W) / Cooling 20 (years)	0.44
30	Total (W) / Cooling 30 (years)	0.44
40	Total (W) / Cooling 40 (years)	0.44

4.2_64-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.2_i128-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.2	4.2
64	128
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44

4.2_i128-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.2_i32-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.2	4.2
128	32
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44

4.2_i32-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.2_i32_w16-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.2	4.2
32	32
0	16
0	0
72	52
1.08	1.07
77.76	55.64
40	40
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44

4.2_i32_w16-CR0-MDC-MPC-MTF_72GWD_40SP.out
4.2
32
16
0
72
1.08
77.76
40
0.44
0.44
0.44
0.44
0.44
0.44
0.44
0.44

4.2_i32_w24-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.2
32
24
0
52
1.07
55.64
40
0.44
0.44
0.44
0.44
0.44
0.44
0.44
0.44

4.2_i32_w24-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.6_i128-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.2	4.6
32	128
24	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44

4.6_i128-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.6_i32-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.6	4.6
128	32
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44

4.6_i32-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.6_i32_w16-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.6	4.6
32	32
0	16
0	0
72	52
1.08	1.07
77.76	55.64
40	40
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44

4.6_i32_w16-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.6_i64-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.6	4.6
32	64
16	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44

4.6_i64-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95_i104-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.6	5.95
64	104
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44

5.95_i104-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95_i200-CR0-MDC-MPC-MTF_52GWD_40SP.out
5.95	5.95
104	200
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44

5.95_i200-CR0-MDC-MPC-MTF_72GWD_40SP.out
5.95
200
0
0
72
1.08
77.76
40
0.44
0.44
0.44
0.44
0.44
0.44
0.44
0.44

5.95_i200_w20-CR0-MDC-MPC-MTF_52GWD_40SP.out
5.95
200
20
0
52
1.07
55.64
40
0.44
0.44
0.44
0.44
0.44
0.44
0.44
0.44

5.95_i200_w20-CR0-MDC-MPC-MTF_72GWD_40SP.out
5.95
200
20
0
72
1.08
77.76
40
0.44
0.44
0.44
0.44
0.44
0.44
0.44
0.44

5.95_i200_w24-CR0-MDC-MPC-MTF_52GWD_40SP.out
5.95
200
24
0
52
1.07
55.64
40
0.44
0.44
0.44
0.44
0.44
0.44
0.44
0.44

5.95_i200_w24-CR0-MDC-MPC-MTF_72GWD_40SP.out
5.95
200
24
0
72
1.08
77.76
40
0.44
0.44
0.44
0.44
0.44
0.44
0.44
0.44

5.95_i80-CR0-MDC-MPC-MTF_52GWD_40SP.out	5.95_i80-CR0-MDC-MPC-MTF_72GWD_40SP.out
5.95	5.95
80	80
0	0
0	0
52	72
1.07	1.08
55.64	77.76
40	40
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44

6.2_i200-CR0-MDC-MPC-MTF_52GWD_40SP.out	6.2_i200-CR0-MDC-MPC-MTF_72GWD_40SP.out
6.2	6.2
200	200
0	0
0	0
52	72
1.07	1.08
55.64	77.76
40	40
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44

6.2_i200_w08-CR0-MDC-MPC-MTF_52GWD_40SP.out
6.2
200
8
0
52
1.07
55.64
40
0.44
0.44
0.44
0.44
0.44
0.44
0.44
0.44

6.2_i200_w08-CR0-MDC-MPC-MTF_72GWD_40SP.out
6.2
200
8
0
72
1.08
77.76
40
0.44
0.44
0.44
0.44
0.44
0.44
0.44
0.44

6.6_i128-CR0-MDC-MPC-MTF_52GWD_40SP.out	6.6_i128-CR0-MDC-MPC-MTF_72GWD_40SP.out
6.6	6.6
128	128
0	0
0	0
52	72
1.07	1.08
55.64	77.76
40	40
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44

6.6_i156-CR0-MDC-MPC-MTF_52GWD_40SP.out	6.6_i156-CR0-MDC-MPC-MTF_72GWD_40SP.out
6.6	6.6
156	156
0	0
0	0
52	72
1.07	1.08
55.64	77.76
40	40
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44
0.44	0.44

File Name	Enrichment (wt.%)	IFBA Count (-)
4.2_64-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.2	64
4.2_64-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.2	64
4.2_i128-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.2	128
4.2_i128-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.2	128
4.2_i32-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.2	32
4.2_i32-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.2	32
4.2_i32_w16-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.2	32
4.2_i32_w16-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.2	32
4.2_i32_w24-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.2	32
4.2_i32_w24-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.2	32
4.6_i128-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.6	128
4.6_i128-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.6	128
4.6_i32-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.6	32
4.6_i32-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.6	32
4.6_i32_w16-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.6	32
4.6_i32_w16-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.6	32
4.6_i64-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.6	64
4.6_i64-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.6	64
5.95_i104-CR0-MDC-MPC-MTF_52GWD_40SP.out	5.95	104
5.95_i104-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95	104
5.95_i200-CR0-MDC-MPC-MTF_52GWD_40SP.out	5.95	200
5.95_i200-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95	200
5.95_i200_w20-CR0-MDC-MPC-MTF_52GWD_40SP.out	5.95	200
5.95_i200_w20-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95	200
5.95_i200_w24-CR0-MDC-MPC-MTF_52GWD_40SP.out	5.95	200
5.95_i200_w24-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95	200
5.95_i80-CR0-MDC-MPC-MTF_52GWD_40SP.out	5.95	80
5.95_i80-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95	80
6.2_i200-CR0-MDC-MPC-MTF_52GWD_40SP.out	6.2	200
6.2_i200-CR0-MDC-MPC-MTF_72GWD_40SP.out	6.2	200
6.2_i200_w08-CR0-MDC-MPC-MTF_52GWD_40SP.out	6.2	200
6.2_i200_w08-CR0-MDC-MPC-MTF_72GWD_40SP.out	6.2	200
6.6_i128-CR0-MDC-MPC-MTF_52GWD_40SP.out	6.6	128
6.6_i128-CR0-MDC-MPC-MTF_72GWD_40SP.out	6.6	128
6.6_i156-CR0-MDC-MPC-MTF_52GWD_40SP.out	6.6	156
6.6_i156-CR0-MDC-MPC-MTF_72GWD_40SP.out	6.6	156

				Cooling Time in Years-->
WABA Count (-)	Control Rods	Burnup (GWD/MTU)	Specific Power (W/kg)	Uranium Weight (MTU)
0	0	52	40	0.44
0	0	72	40	0.44
0	0	52	40	0.44
0	0	72	40	0.44
0	0	52	40	0.44
0	0	72	40	0.44
16	0	52	40	0.44
16	0	72	40	0.44
24	0	52	40	0.44
24	0	72	40	0.44
0	0	52	40	0.44
0	0	72	40	0.44
0	0	52	40	0.44
0	0	72	40	0.44
16	0	52	40	0.44
16	0	72	40	0.44
0	0	52	40	0.44
0	0	72	40	0.44
0	0	52	40	0.44
0	0	72	40	0.44
0	0	52	40	0.44
0	0	72	40	0.44
20	0	52	40	0.44
20	0	72	40	0.44
24	0	52	40	0.44
24	0	72	40	0.44
0	0	52	40	0.44
0	0	72	40	0.44
0	0	52	40	0.44
0	0	72	40	0.44
8	0	52	40	0.44
8	0	72	40	0.44
0	0	52	40	0.44
0	0	72	40	0.44
0	0	52	40	0.44
0	0	72	40	0.44

0	1	5	10	20	30	40
Total (W)	Total (W)	Total (W)	Total (W)	Total (W)	Total (W)	Total (W)
1063216.1	6319.2	1323.9	854.6	659.2	547.8	462.1
1055278.4	8140.1	2065.3	1362.5	1024.5	831	686.1
1061375.1	6283	1310.4	845.2	651.3	540.6	455.3
1053044.7	8092.5	2046	1347.6	1011.7	819.1	674.9
1065038.5	6354.8	1336.9	863.9	667.2	555.4	469.2
1057426.7	8185.8	2083.2	1376.8	1037.2	843	697.5
1065794.7	6385.4	1346.1	871.1	673.9	561.9	475.6
1058374.7	8222.1	2096.1	1387.8	1047.4	852.9	707
1066170.4	6401.3	1350.9	874.9	677.4	565.4	479
1058852.9	8241.1	2102.7	1393.5	1052.8	858	712
1065133.3	6171.8	1286.7	835	646	537.4	453.4
1055340.1	7957.9	1998.7	1320	996.3	810.7	671
1068516.8	6244.3	1312.8	853	661.3	551.7	466.9
1059636.7	8053.2	2036.9	1349.6	1022.1	834.8	693.7
1069162.6	6276.2	1322.2	860.2	667.9	558.2	473.3
1060579	8091.1	2050.4	1361.1	1032.7	844.9	703.4
1066832.7	6208.2	1300	844	653.5	544.3	459.9
1057525.2	8006.5	2018.5	1335.1	1009.3	822.7	682.2
1079883.2	5938.2	1251.5	827.8	647.4	542.3	460.3
1068666.3	7639.3	1908.4	1279.1	983.3	813	682.9
1079913.2	5945.8	1252.9	829.2	648.9	543.9	462
1068865.3	7643.2	1909.5	1280.8	985.1	814.8	684.7
1080185.1	5988.6	1264.8	837.7	656.9	551.9	469.9
1069750	7697.3	1928.3	1295.8	998.7	827.8	697.2
1080239.3	5997.3	1267.3	839.5	658.6	553.6	471.6
1069928.6	7708.5	1932.1	1298.9	1001.5	830.5	699.8
1078265	5888.7	1235.9	817.1	637.9	533.1	451.3
1066283.8	7575.1	1883.6	1259.8	966.3	797.1	667.8
1077984.9	5771.6	1204.2	799.4	624	520.4	439.4
1064734.3	7405.8	1824.3	1221.1	936.9	772.2	645.9
1078120.9	5788	1208.3	802.3	626.8	523.2	442.2
1065161.3	7425.7	1831	1226.5	941.8	776.7	650.3
1082537.2	5742.5	1205.5	803.4	628.4	524.8	443.8
1069854.1	7357.9	1819.5	1223.7	943	780.1	654.9
1082025.4	5727.1	1200.4	800.2	625.7	522.3	441.4
1069111.2	7335.3	1810.7	1217.4	937.7	775.2	650.4

File Name	Enrich. (wt.%)	IFBA Count (-)	WABA Count (-)	Burnup (GWD/MTU)	Burnup-Peaking Factor
6.6_i156-CR0-MDC-MPC-MTF_52GWD_40SP.out	6.60	156	0	52	1.07
6.2_i200-CR0-MDC-MPC-MTF_52GWD_40SP.out	6.20	200	0	52	1.07
6.6_i128-CR0-MDC-MPC-MTF_52GWD_40SP.out	6.60	128	0	52	1.07
6.2_i200_w08-CR0-MDC-MPC-MTF_52GWD_40SP.out	6.20	200	8	52	1.07
5.95_i80-CR0-MDC-MPC-MTF_52GWD_40SP.out	5.95	80	0	52	1.07
5.95_i104-CR0-MDC-MPC-MTF_52GWD_40SP.out	5.95	104	0	52	1.07
5.95_i200-CR0-MDC-MPC-MTF_52GWD_40SP.out	5.95	200	0	52	1.07
5.95_i200_w20-CR0-MDC-MPC-MTF_52GWD_40SP.out	5.95	200	20	52	1.07
5.95_i200_w24-CR0-MDC-MPC-MTF_52GWD_40SP.out	5.95	200	24	52	1.07
4.6_i128-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.60	128	0	52	1.07
4.6_i64-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.60	64	0	52	1.07
4.2_i128-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.20	128	0	52	1.07
4.6_i32-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.60	32	0	52	1.07
4.6_i32_w16-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.60	32	16	52	1.07
4.2_64-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.20	64	0	52	1.07
4.2_i32-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.20	32	0	52	1.07
4.2_i32_w16-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.20	32	16	52	1.07
4.2_i32_w24-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.20	32	24	52	1.07
6.6_i156-CR0-MDC-MPC-MTF_72GWD_40SP.out	6.60	156	0	72	1.08
6.6_i128-CR0-MDC-MPC-MTF_72GWD_40SP.out	6.60	128	0	72	1.08
6.2_i200-CR0-MDC-MPC-MTF_72GWD_40SP.out	6.20	200	0	72	1.08
6.2_i200_w08-CR0-MDC-MPC-MTF_72GWD_40SP.out	6.20	200	8	72	1.08
5.95_i80-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95	80	0	72	1.08
5.95_i104-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95	104	0	72	1.08
5.95_i200-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95	200	0	72	1.08
5.95_i200_w20-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95	200	20	72	1.08
5.95_i200_w24-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95	200	24	72	1.08
4.6_i128-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.60	128	0	72	1.08
4.6_i64-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.60	64	0	72	1.08
4.6_i32-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.60	32	0	72	1.08
4.2_i128-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.20	128	0	72	1.08
4.6_i32_w16-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.60	32	16	72	1.08
4.2_64-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.20	64	0	72	1.08
4.2_i32-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.20	32	0	72	1.08
4.2_i32_w16-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.20	32	16	72	1.08
4.2_i32_w24-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.20	32	24	72	1.08

Peak Rod Burnup (GWD/MTU	Specific Power (W/kg)	Initial Mass (MTU)	Total Decay Heat (W) as a function of Cooling Time (years)						
			0	1	5	10	20	30	40
55.64	40	0.44	1.082E+06	5727	1200	800	626	522	441
55.64	40	0.44	1.078E+06	5772	1204	799	624	520	439
55.64	40	0.44	1.083E+06	5743	1206	803	628	525	444
55.64	40	0.44	1.078E+06	5788	1208	802	627	523	442
55.64	40	0.44	1.078E+06	5889	1236	817	638	533	451
55.64	40	0.44	1.080E+06	5938	1252	828	647	542	460
55.64	40	0.44	1.080E+06	5946	1253	829	649	544	462
55.64	40	0.44	1.080E+06	5989	1265	838	657	552	470
55.64	40	0.44	1.080E+06	5997	1267	840	659	554	472
55.64	40	0.44	1.065E+06	6172	1287	835	646	537	453
55.64	40	0.44	1.067E+06	6208	1300	844	654	544	460
55.64	40	0.44	1.061E+06	6283	1310	845	651	541	455
55.64	40	0.44	1.069E+06	6244	1313	853	661	552	467
55.64	40	0.44	1.069E+06	6276	1322	860	668	558	473
55.64	40	0.44	1.063E+06	6319	1324	855	659	548	462
55.64	40	0.44	1.065E+06	6355	1337	864	667	555	469
55.64	40	0.44	1.066E+06	6385	1346	871	674	562	476
55.64	40	0.44	1.066E+06	6401	1351	875	677	565	479
77.76	40	0.44	1.069E+06	7335	1811	1217	938	775	650
77.76	40	0.44	1.070E+06	7358	1820	1224	943	780	655
77.76	40	0.44	1.065E+06	7406	1824	1221	937	772	646
77.76	40	0.44	1.065E+06	7426	1831	1227	942	777	650
77.76	40	0.44	1.066E+06	7575	1884	1260	966	797	668
77.76	40	0.44	1.069E+06	7639	1908	1279	983	813	683
77.76	40	0.44	1.069E+06	7643	1910	1281	985	815	685
77.76	40	0.44	1.070E+06	7697	1928	1296	999	828	697
77.76	40	0.44	1.070E+06	7709	1932	1299	1002	831	700
77.76	40	0.44	1.055E+06	7958	1999	1320	996	811	671
77.76	40	0.44	1.058E+06	8007	2019	1335	1009	823	682
77.76	40	0.44	1.060E+06	8053	2037	1350	1022	835	694
77.76	40	0.44	1.053E+06	8093	2046	1348	1012	819	675
77.76	40	0.44	1.061E+06	8091	2050	1361	1033	845	703
77.76	40	0.44	1.055E+06	8140	2065	1363	1025	831	686
77.76	40	0.44	1.057E+06	8186	2083	1377	1037	843	698
77.76	40	0.44	1.058E+06	8222	2096	1388	1047	853	707
77.76	40	0.44	1.059E+06	8241	2103	1394	1053	858	712

File Name	4.2_64-CR0-MDC-MPC-MTF_52GWD_40SP.out
Enrichment (wt.%)	4.2
IFBA Count (-)	64
WABA Count (-)	0
Control Rods	0
Burnup (GWD/MTU)	52
Burnup-Peaking Factor	1.07
Peak Rod Burnup (GWD/MTU)	55.64
Specific Power (W/kg)	40
Cooling Time (years)	5
Uranium Weight (MTU)	0.44
H-3 (Ci)	2.8782E+02
C-14 (Ci)	2.4563E-01
Ge-73M (Ci)	2.7778E-12
Se-79 (Ci)	4.7120E-02
Kr-83M (Ci)	1.0467E-09
Rb-84 (Ci)	8.4748E-17
Kr-85 (Ci)	4.5188E+03
Y-88 (Ci)	2.0161E-04
Sr-89 (Ci)	4.7859E-06
Y-89M (Ci)	4.6134E-10
Sr-90 (Ci)	4.3105E+04
Y-90 (Ci)	4.3116E+04
Y-91 (Ci)	1.9684E-04
Nb-93M (Ci)	3.0919E-01
Zr-93 (Ci)	1.1930E+00
Nb-95 (Ci)	4.1818E-03
Nb-95M (Ci)	2.1711E-05
Zr-95 (Ci)	1.8966E-03
Tc-97M (Ci)	1.2426E-06
Tc-99 (Ci)	9.0842E+00
Rh-101 (Ci)	0.0000E+00
Rh-102 (Ci)	4.2852E-02
Rh-102M (Ci)	1.2744E+00
Rh-103M (Ci)	8.0049E-09
Ru-103 (Ci)	8.0920E-09
Rh-106 (Ci)	1.1780E+04
Ru-106 (Ci)	1.1780E+04
Pd-107 (Ci)	8.2746E-02
Ag-108 (Ci)	5.1792E-04
Ag-109M (Ci)	7.7977E-02
Cd-109 (Ci)	7.7977E-02
Ag-110 (Ci)	2.9782E-01
Ag-110M (Ci)	2.1899E+01
Cd-113M (Ci)	1.6133E-01
Cd-115M (Ci)	1.7643E-10
In-115M (Ci)	1.8745E-14

Sn-119M (Ci)	1.8895E+00
Sn-121 (Ci)	1.2756E+01
Sn-121M (Ci)	1.6437E+01
Sn-123 (Ci)	4.7080E-02
Te-123M (Ci)	1.6902E-04
Sb-124 (Ci)	4.2760E-07
Sb-125 (Ci)	1.7981E+03
Te-125M (Ci)	4.4031E+02
Sb-126 (Ci)	2.5372E-02
Sb-126M (Ci)	1.8123E-01
Sn-126 (Ci)	1.8123E-01
Te-127 (Ci)	3.4270E-02
Te-127M (Ci)	3.4988E-02
I-129 (Ci)	1.8590E-02
Te-129 (Ci)	5.4855E-13
Te-129M (Ci)	8.6944E-13
Ba-133 (Ci)	1.1102E-01
Cs-134 (Ci)	2.4375E+04
Cs-135 (Ci)	2.9746E-01
Ba-137M (Ci)	6.0834E+04
Cs-137 (Ci)	6.4240E+04
Ce-139 (Ci)	8.7969E-03
Ce-141 (Ci)	9.1815E-12
Ce-144 (Ci)	7.2802E+03
Pr-144 (Ci)	7.2807E+03
Pr-144M (Ci)	6.9511E+01
Pm-145 (Ci)	2.0443E-01
Pm-146 (Ci)	4.7375E-02
Pm-147 (Ci)	2.4633E+04
Pm-148 (Ci)	4.0402E-11
Pm-148M (Ci)	8.3688E-10
Sm-151 (Ci)	1.7139E+02
Eu-152 (Ci)	7.0972E-01
Gd-153 (Ci)	2.2211E-02
Eu-154 (Ci)	3.4598E+03
Eu-155 (Ci)	1.5738E+03
Tb-160 (Ci)	1.6352E-05
Tm-170 (Ci)	0.0000E+00
Tl-208 (Ci)	0.0000E+00
Bi-212 (Ci)	2.3304E-02
Pb-212 (Ci)	2.3304E-02
Po-212 (Ci)	1.4928E-02
Po-216 (Ci)	2.3304E-02
Rn-220 (Ci)	2.3304E-02
Ra-224 (Ci)	2.3304E-02
Th-228 (Ci)	2.3295E-02
Th-231 (Ci)	0.0000E+00

U-232 (Ci)	3.2399E-02
Pa-233 (Ci)	2.2309E-01
Pa-234M (Ci)	1.3610E-01
Th-234 (Ci)	1.3610E-01
U-234 (Ci)	5.3755E-01
U-235 (Ci)	0.0000E+00
Pu-236 (Ci)	2.1560E-01
U-236 (Ci)	1.6831E-01
Np-237 (Ci)	2.2309E-01
U-237 (Ci)	1.6064E+00
Np-238 (Ci)	1.8372E-02
Pu-238 (Ci)	2.9576E+03
U-238 (Ci)	1.3610E-01
Np-239 (Ci)	1.8872E+01
Pu-239 (Ci)	1.6542E+02
Np-240 (Ci)	4.1941E-10
Np-240M (Ci)	3.4951E-07
Pu-240 (Ci)	2.8318E+02
Am-241 (Ci)	6.7232E+02
Pu-241 (Ci)	6.5481E+04
Am-242 (Ci)	3.9841E+00
Am-242M (Ci)	4.0024E+00
Cm-242 (Ci)	1.9976E+01
Pu-242 (Ci)	1.7286E+00
Am-243 (Ci)	1.8872E+01
Cm-243 (Ci)	1.8881E+01
Pu-243 (Ci)	7.0228E-07
Am-244 (Ci)	2.2393E-09
Cm-244 (Ci)	3.2878E+03
Am-245 (Ci)	0.0000E+00
Cm-245 (Ci)	6.5019E-01
Cm-246 (Ci)	1.4242E-01
Bk-250 (Ci)	0.0000E+00
Total (Ci)	**3.8375E+05**
H-1 (g)	7.7994E+03
H-2 (g)	1.7931E+00
H-3 (g)	2.9915E-02
He-3 (g)	1.0491E-02
He-4 (g)	4.2317E+00
Li-7 (g)	0.0000E+00
B-10 (g)	7.6987E+00
B-11 (g)	3.4071E+01
C-12 (g)	1.8789E-02
C-13 (g)	5.4120E+00
C-14 (g)	5.4842E-02
O-16 (g)	1.2076E+05

O-17 (g)	4.9025E+01
Mg-24 (g)	0.0000E+00
Mg-26 (g)	0.0000E+00
Al-27 (g)	0.0000E+00
Si-28 (g)	0.0000E+00
Cr-50 (g)	4.6108E+00
Cr-52 (g)	9.2466E+01
Cr-53 (g)	1.0687E+01
Cr-54 (g)	2.7103E+00
Fe-54 (g)	1.3097E+01
Fe-56 (g)	2.1321E+02
Fe-57 (g)	5.0120E+00
Fe-58 (g)	6.7870E-01
Ge-72 (g)	6.8345E-03
Ge-73 (g)	1.4787E-02
Ge-74 (g)	3.7718E-02
As-75 (g)	8.7815E-02
Ge-76 (g)	2.3307E-01
Se-76 (g)	0.0000E+00
Se-77 (g)	5.3570E-01
Se-78 (g)	1.5646E+00
Se-79 (g)	3.0684E+00
Se-80 (g)	8.8026E+00
Br-81 (g)	1.4190E+01
Kr-82 (g)	4.8580E-01
Se-82 (g)	2.2478E+01
Kr-83 (g)	2.5120E+01
Kr-84 (g)	7.5715E+01
Kr-85 (g)	1.1544E+01
Rb-85 (g)	7.0602E+01
Kr-86 (g)	1.2312E+02
Sr-86 (g)	4.8818E-01
Rb-87 (g)	1.6158E+02
Sr-87 (g)	9.7398E-03
Sr-88 (g)	2.2485E+02
Sr-89 (g)	1.6466E-10
Y-89 (g)	2.9963E+02
Sr-90 (g)	3.1209E+02
Y-90 (g)	7.9165E-02
Zr-90 (g)	5.5084E+04
Y-91 (g)	8.0181E-09
Zr-91 (g)	1.2525E+04
Zr-92 (g)	1.9180E+04
Zr-93 (g)	4.7432E+02
Mo-94 (g)	2.6948E-02
Zr-94 (g)	1.9930E+04
Mo-95 (g)	5.0292E+02

Nb-95 (g)	1.0636E-07
Zr-95 (g)	8.8268E-08
Mo-96 (g)	3.4600E+01
Zr-96 (g)	3.7401E+03
Mo-97 (g)	5.4683E+02
Mo-98 (g)	5.6808E+02
Tc-98 (g)	2.5624E-02
Ru-99 (g)	3.3341E-02
Tc-99 (g)	5.3055E+02
Mo-100 (g)	6.4165E+02
Ru-100 (g)	9.1630E+01
Ru-101 (g)	5.2558E+02
Ru-102 (g)	5.6518E+02
Rh-103 (g)	2.9910E+02
Ru-103 (g)	2.5029E-13
Pd-104 (g)	1.9349E+02
Ru-104 (g)	3.9656E+02
Pd-105 (g)	2.7700E+02
Pd-106 (g)	2.7524E+02
Ru-106 (g)	3.5521E+00
Pd-107 (g)	1.6083E+02
Pd-108 (g)	1.0858E+02
Ag-109 (g)	5.2804E+01
Ag-110M (g)	4.6037E-03
Cd-110 (g)	3.5055E+01
Pd-110 (g)	3.6454E+01
Cd-111 (g)	1.7971E+01
Cd-112 (g)	9.3315E+00
Sn-112 (g)	1.4647E+01
Cd-113 (g)	6.5899E-02
Cd-114 (g)	1.1023E+01
Sn-114 (g)	1.0144E+01
In-115 (g)	9.8041E-01
Sn-115 (g)	5.4525E+00
Cd-116 (g)	4.0231E+00
Sn-116 (g)	2.3036E+02
Sn-117 (g)	1.2481E+02
Sn-118 (g)	3.8883E+02
Sn-119 (g)	1.4124E+02
Sn-120 (g)	5.3060E+02
Sb-121 (g)	3.2720E+00
Sn-121M (g)	2.4404E-01
Sn-122 (g)	8.0542E+01
Te-122 (g)	2.9823E-01
Sb-123 (g)	4.2947E+00
Te-123 (g)	0.0000E+00
Sn-124 (g)	1.0365E+02

Te-124 (g)	2.3588E-01
Sb-125 (g)	1.7329E+00
Te-125 (g)	7.0752E+00
Te-125M (g)	2.4174E-02
Sn-126 (g)	1.4680E+01
Te-126 (g)	6.1072E-01
I-127 (g)	3.1258E+01
Te-127M (g)	3.7064E-06
Te-128 (g)	6.5538E+01
Xe-128 (g)	2.8982E+00
I-129 (g)	1.0523E+02
Te-129M (g)	2.8840E-17
Xe-129 (g)	2.7317E-02
Te-130 (g)	2.6243E+02
Xe-130 (g)	5.7015E+00
Xe-131 (g)	2.6428E+02
Xe-132 (g)	7.8914E+02
Cs-133 (g)	7.4065E+02
Ba-134 (g)	1.2634E+02
Cs-134 (g)	1.8855E+01
Xe-134 (g)	1.0406E+03
Ba-135 (g)	3.3668E-01
Cs-135 (g)	2.5817E+02
Ba-136 (g)	1.7465E+01
Xe-136 (g)	1.5861E+03
Ba-137 (g)	1.2521E+02
Cs-137 (g)	7.3999E+02
Ba-138 (g)	8.8893E+02
La-138 (g)	4.5729E-02
La-139 (g)	8.2914E+02
Ce-140 (g)	8.3283E+02
Ce-141 (g)	3.2208E-16
Pr-141 (g)	7.5535E+02
Ce-142 (g)	7.6591E+02
Nd-142 (g)	1.8482E+01
Nd-143 (g)	4.9069E+02
Ce-144 (g)	2.2861E+00
Nd-144 (g)	9.4032E+02
Nd-145 (g)	4.4040E+02
Nd-146 (g)	4.9091E+02
Sm-146 (g)	0.0000E+00
Pm-147 (g)	2.6556E+01
Sm-147 (g)	1.1933E+02
Nd-148 (g)	2.5439E+02
Pm-148 (g)	2.4568E-16
Pm-148M (g)	3.9145E-14
Sm-148 (g)	1.1079E+02

Sm-149 (g)	1.8136E+00
Nd-150 (g)	1.2363E+02
Sm-150 (g)	2.0172E+02
Eu-151 (g)	2.6170E-01
Sm-151 (g)	6.5120E+00
Gd-152 (g)	1.5248E-02
Sm-152 (g)	6.2933E+01
Eu-153 (g)	7.9776E+01
Eu-154 (g)	1.2812E+01
Gd-154 (g)	8.2720E+00
Sm-154 (g)	2.6847E+01
Eu-155 (g)	3.2416E+00
Gd-155 (g)	3.5269E+00
Gd-156 (g)	7.8364E+01
Gd-157 (g)	8.7833E-02
Gd-158 (g)	1.5879E+01
Tb-159 (g)	1.9187E+00
Dy-160 (g)	2.3165E-01
Gd-160 (g)	8.1501E-01
Dy-161 (g)	2.7699E-01
Dy-162 (g)	2.0597E-01
Dy-163 (g)	1.6177E-01
Dy-164 (g)	4.1017E-02
Ho-165 (g)	7.8294E-02
Er-166 (g)	2.3993E-02
Er-168 (g)	0.0000E+00
Hf-174 (g)	1.7226E-02
Hf-176 (g)	5.7279E-01
Hf-177 (g)	2.0371E+00
Hf-178 (g)	3.0046E+00
Hf-179 (g)	1.5085E+00
Hf-180 (g)	3.9072E+00
Th-230 (g)	0.0000E+00
Th-232 (g)	0.0000E+00
U-234 (g)	8.6394E+01
U-235 (g)	3.0595E+03
U-236 (g)	2.6026E+03
Np-237 (g)	3.1715E+02
U-237 (g)	1.9684E-05
Np-238 (g)	7.0906E-08
Pu-238 (g)	1.7271E+02
U-238 (g)	4.0491E+05
Np-239 (g)	8.1400E-05
Pu-239 (g)	2.6668E+03
Pu-240 (g)	1.2476E+03
Am-241 (g)	1.9611E+02
Pu-241 (g)	6.3096E+02

Am-242M (g)	3.8210E-01
Cm-242 (g)	6.0342E-03
Pu-242 (g)	4.3714E+02
Am-243 (g)	9.4565E+01
Cm-243 (g)	3.7356E-01
Cm-244 (g)	4.0649E+01
Pu-244 (g)	1.9375E-02
Cm-245 (g)	3.7885E+00
Cm-246 (g)	4.6662E-01
Cm-247 (g)	7.5711E-03
Cm-248 (g)	0.0000E+00
Total (g)	**6.7910E+05**
H-3 (W)	9.7082E-03
Ge-73M (W)	1.0895E-15
Kr-83M (W)	2.5617E-13
Rb-84 (W)	5.2862E-19
Kr-85 (W)	6.7725E+00
Y-88 (W)	3.2290E-06
Sr-89 (W)	1.6606E-08
Y-89M (W)	2.4861E-12
Sr-90 (W)	5.0032E+01
Y-90 (W)	2.3847E+02
Y-91 (W)	7.0730E-07
Nb-93M (W)	0.0000E+00
Zr-93 (W)	0.0000E+00
Nb-95 (W)	2.0055E-05
Nb-95M (W)	3.2090E-08
Zr-95 (W)	9.5581E-06
Tc-99 (W)	2.9727E-03
Rh-102 (W)	1.7028E-04
Rh-102M (W)	1.6352E-02
Rh-103M (W)	1.8465E-12
Ru-103 (W)	2.6970E-11
Rh-106 (W)	1.1309E+02
Ru-106 (W)	7.0039E-01
Ag-108 (W)	1.9234E-06
Ag-109M (W)	4.0228E-05
Ag-110 (W)	2.1340E-03
Ag-110M (W)	3.6799E-01
Cd-113M (W)	0.0000E+00
Cd-115M (W)	6.6660E-13
In-115M (W)	3.7154E-17
Sn-119M (W)	9.8111E-04
Sn-121 (W)	8.7582E-03
Sn-121M (W)	3.7015E-03
Sn-123 (W)	1.4794E-04

Te-123M (W)	2.4931E-07
Sb-124 (W)	5.6654E-09
Sb-125 (W)	5.6866E+00
Te-125M (W)	3.7966E-01
Sb-126 (W)	4.6935E-04
Sb-126M (W)	2.3606E-03
Sn-126 (W)	1.7603E-04
Te-127 (W)	4.6618E-05
Te-127M (W)	1.9120E-05
Te-129 (W)	1.9792E-15
Te-129M (W)	1.5924E-15
Ba-133 (W)	3.0090E-04
Cs-134 (W)	2.4831E+02
Cs-135 (W)	0.0000E+00
Ba-137M (W)	2.3852E+02
Cs-137 (W)	6.8336E+01
Ce-139 (W)	1.0208E-05
Ce-141 (W)	1.3435E-14
Ce-144 (W)	4.7727E+00
Pr-144 (W)	5.3407E+01
Pr-144M (W)	2.4092E-02
Pm-147 (W)	9.0218E+00
Pm-148 (W)	3.1227E-13
Pm-148M (W)	1.0716E-11
Sm-151 (W)	2.0135E-02
Eu-152 (W)	5.4604E-03
Gd-153 (W)	0.0000E+00
Eu-154 (W)	3.1082E+01
Eu-155 (W)	1.1572E+00
Tb-160 (W)	1.3402E-07
Tl-208 (W)	1.9744E-04
Bi-212 (W)	3.9028E-04
Po-212 (W)	7.9209E-04
Po-216 (W)	9.5374E-04
Rn-220 (W)	8.8444E-04
Ra-224 (W)	7.9948E-04
Th-228 (W)	7.6256E-04
U-232 (W)	1.0392E-03
Pa-233 (W)	5.4824E-04
Pa-234M (W)	6.6836E-04
U-234 (W)	1.5472E-02
U-235 (W)	1.8106E-04
Pu-236 (W)	7.5042E-03
U-236 (W)	4.5518E-03
Np-237 (W)	6.5393E-03
U-237 (W)	2.9364E-03
Np-238 (W)	9.0974E-05

Pu-238 (W)	9.8006E+01
U-238 (W)	3.4429E-03
Np-239 (W)	4.5329E-02
Pu-239 (W)	5.1418E+00
Np-240 (W)	4.1034E-12
Np-240M (W)	2.0211E-09
Pu-240 (W)	8.8167E+00
Am-241 (W)	2.2431E+01
Pu-241 (W)	2.0789E+00
Am-242 (W)	4.6341E-03
Am-242M (W)	1.6577E-03
Cm-242 (W)	7.3603E-01
Pu-242 (W)	5.1053E-02
Am-243 (W)	6.0799E-01
Cm-243 (W)	6.9150E-01
Pu-243 (W)	8.0067E-10
Am-244 (W)	1.4923E-11
Cm-244 (W)	1.1501E+02
Cm-245 (W)	2.1785E-02
Cm-246 (W)	4.6605E-03
Bk-250 (W)	0.0000E+00
Cf-250 (W)	0.0000E+00
Cf-252 (W)	0.0000E+00
Total (W)	**1.3239E+03**

4.2_64-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.2_i128-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.2	4.2
64	128
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
4.1337E+02	2.8661E+02
3.6948E-01	2.3892E-01
3.7876E-12	2.7255E-12
5.9602E-02	4.7027E-02
1.2153E-09	1.0439E-09
1.2419E-16	8.2513E-17
5.4454E+03	4.5338E+03
3.0444E-04	1.9600E-04
3.8779E-06	4.7916E-06
3.7383E-10	4.6191E-10
5.2738E+04	4.3286E+04
5.2752E+04	4.3297E+04
1.6510E-04	1.9697E-04
4.3683E-01	3.0961E-01
1.5411E+00	1.1962E+00
3.8775E-03	4.1826E-03
2.0131E-05	2.1715E-05
1.7586E-03	1.8970E-03
1.8690E-06	1.2070E-06
1.1554E+01	9.1089E+00
5.3174E-02	0.0000E+00
6.2753E-02	4.1599E-02
2.0640E+00	1.2383E+00
8.6702E-09	7.9917E-09
8.7648E-09	8.0784E-09
1.5459E+04	1.1726E+04
1.5459E+04	1.1726E+04
1.3484E-01	8.2359E-02
1.0768E-03	5.0085E-04
2.2238E-01	7.3841E-02
2.2238E-01	7.3841E-02
5.5132E-01	2.9194E-01
4.0539E+01	2.1466E+01
1.8672E-01	1.5086E-01
2.1166E-10	1.7400E-10
2.2488E-14	1.8487E-14

2.1399E+00	1.8679E+00
1.8450E+01	1.2610E+01
2.3774E+01	1.6249E+01
5.3830E-02	4.6882E-02
4.0212E-04	1.5748E-04
7.1311E-07	4.1260E-07
2.3262E+03	1.7827E+03
5.6962E+02	4.3653E+02
3.7847E-02	2.5184E-02
2.7034E-01	1.7989E-01
2.7034E-01	1.7989E-01
3.3525E-02	3.3310E-02
3.4227E-02	3.4007E-02
2.6426E-02	1.8480E-02
5.6474E-13	5.4283E-13
8.9514E-13	8.6038E-13
4.0407E-01	1.0504E-01
3.9705E+04	2.3999E+04
4.0169E-01	2.8953E-01
8.2650E+04	6.0843E+04
8.7274E+04	6.4249E+04
1.3984E-02	8.4581E-03
8.8691E-12	9.1806E-12
6.9753E+03	7.2899E+03
6.9753E+03	7.2904E+03
6.6598E+01	6.9604E+01
2.9673E-01	1.9956E-01
4.6878E-02	4.5698E-02
2.3164E+04	2.4785E+04
3.6665E-11	3.8674E-11
7.5948E-10	8.0111E-10
1.8803E+02	1.6320E+02
6.6440E-01	6.3967E-01
2.3751E-02	2.0515E-02
4.7357E+03	3.3282E+03
2.2343E+03	1.5571E+03
3.4019E-05	1.5792E-05
4.3363E-05	0.0000E+00
1.5843E-02	0.0000E+00
4.4084E-02	2.2102E-02
4.4084E-02	2.2102E-02
2.8239E-02	1.4158E-02
4.4084E-02	2.2102E-02
4.4084E-02	2.2102E-02
4.4084E-02	2.2102E-02
4.4066E-02	2.2094E-02
0.0000E+00	0.0000E+00

6.0443E-02	3.0685E-02
2.8721E-01	2.1831E-01
1.3343E-01	1.3620E-01
1.3343E-01	1.3620E-01
4.3868E-01	5.3922E-01
0.0000E+00	0.0000E+00
3.8440E-01	2.0299E-01
1.7182E-01	1.6808E-01
2.8721E-01	2.1831E-01
1.7750E+00	1.5470E+00
2.0028E-02	1.6997E-02
5.4886E+03	2.8454E+03
1.3343E-01	1.3620E-01
4.1301E+01	1.8712E+01
1.5883E+02	1.5781E+02
1.5411E-09	4.0193E-10
1.2842E-06	3.3494E-07
3.2922E+02	2.7878E+02
7.4259E+02	6.4654E+02
7.2358E+04	6.3061E+04
4.3434E+00	3.6860E+00
4.3633E+00	3.7030E+00
2.8280E+01	1.9395E+01
3.0915E+00	1.7479E+00
4.1301E+01	1.8712E+01
3.7006E+01	1.8021E+01
7.7185E-06	6.3567E-07
6.8046E-08	1.7832E-09
1.1095E+04	3.1669E+03
7.8096E-08	0.0000E+00
2.5782E+00	5.8947E-01
1.0418E+00	1.3453E-01
2.0991E-08	0.0000E+00
4.8957E+05	**3.8096E+05**
7.7994E+03	8.2914E+03
1.7933E+00	1.9062E+00
4.2964E-02	2.9789E-02
1.4815E-02	1.0404E-02
6.5600E+00	4.7406E+00
0.0000E+00	0.0000E+00
7.6987E+00	8.1844E+00
3.4071E+01	3.6221E+01
2.8531E-02	1.8081E-02
8.0586E+00	5.2008E+00
8.2491E-02	5.3341E-02
1.2075E+05	1.2465E+05

4.9091E+01	5.0600E+01
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
4.6108E+00	4.9016E+00
9.2466E+01	9.8300E+01
1.0687E+01	1.1361E+01
2.7103E+00	2.8813E+00
1.3097E+01	1.3924E+01
2.1321E+02	2.2666E+02
5.0120E+00	5.3280E+00
6.7870E-01	7.2151E-01
1.0245E-02	0.0000E+00
2.0877E-02	1.4596E-02
5.3992E-02	3.7378E-02
1.1738E-01	8.7560E-02
3.1035E-01	2.3249E-01
8.2289E-03	0.0000E+00
6.8068E-01	5.3434E-01
2.1171E+00	1.5658E+00
3.8814E+00	3.0626E+00
1.1656E+01	8.8273E+00
1.8456E+01	1.4232E+01
9.2682E-01	4.7089E-01
2.9441E+01	2.2519E+01
2.6691E+01	2.4996E+01
1.0266E+02	7.6067E+01
1.3911E+01	1.1583E+01
8.9646E+01	7.0875E+01
1.5497E+02	1.2355E+02
9.5911E-01	4.6988E-01
2.0284E+02	1.6218E+02
2.0043E-02	9.4129E-03
2.8152E+02	2.2575E+02
1.3342E-10	1.6485E-10
3.7363E+02	3.0083E+02
3.8186E+02	3.1340E+02
9.6862E-02	7.9499E-02
5.5106E+04	5.8555E+04
6.7254E-09	8.0234E-09
1.2628E+04	1.3292E+04
1.9302E+04	2.0364E+04
6.1274E+02	4.7564E+02
5.7759E-02	2.6067E-02
2.0094E+04	2.1156E+04
6.4130E+02	5.0442E+02

9.8613E-08	1.0637E-07
8.1844E-08	8.8286E-08
7.0853E+01	3.3993E+01
3.9214E+03	3.9423E+03
7.3480E+02	5.4732E+02
7.7990E+02	5.6795E+02
4.7907E-02	2.4916E-02
4.9786E-02	3.3271E-02
6.7478E+02	5.3200E+02
8.8211E+02	6.4165E+02
1.7900E+02	9.0130E+01
7.0827E+02	5.2637E+02
8.2786E+02	5.6289E+02
3.5281E+02	2.9891E+02
2.7109E-13	2.4987E-13
3.7447E+02	1.9189E+02
6.0518E+02	3.9462E+02
4.2073E+02	2.7489E+02
4.6952E+02	2.7349E+02
4.6614E+00	3.5359E+00
2.6208E+02	1.6008E+02
1.8263E+02	1.0790E+02
7.9077E+01	5.2620E+01
8.5219E-03	4.5126E-03
8.1105E+01	3.4238E+01
6.2612E+01	3.6221E+01
3.1620E+01	1.7832E+01
1.6009E+01	9.2184E+00
1.4647E+01	1.5572E+01
6.8341E-02	6.1851E-02
1.7755E+01	1.0905E+01
1.0144E+01	1.0784E+01
1.0508E+00	9.8595E-01
5.5387E+00	5.7820E+00
6.0557E+00	3.9739E+00
2.3240E+02	2.4464E+02
1.2662E+02	1.3241E+02
3.9056E+02	4.1308E+02
1.4285E+02	1.4989E+02
5.3227E+02	5.6382E+02
4.6438E+00	3.2333E+00
3.5297E-01	2.4125E-01
8.2663E+01	8.5290E+01
6.3606E-01	2.8644E-01
6.1908E+00	4.2409E+00
8.8748E-03	0.0000E+00
1.0687E+02	1.0969E+02

5.2879E-01	2.2618E-01
2.2420E+00	1.7182E+00
1.0679E+01	7.0123E+00
3.1276E-02	2.3969E-02
2.1898E+01	1.4571E+01
1.0617E+00	5.9897E-01
4.3849E+01	3.1170E+01
3.6258E-06	3.6025E-06
9.4992E+01	6.5384E+01
6.3127E+00	2.7795E+00
1.4960E+02	1.0461E+02
2.9693E-17	2.8539E-17
8.8216E-02	2.6015E-02
3.6637E+02	2.6224E+02
1.2707E+01	5.7578E+00
2.9771E+02	2.6578E+02
1.1702E+03	7.8663E+02
9.2831E+02	7.4281E+02
2.3800E+02	1.2422E+02
3.0713E+01	1.8564E+01
1.4247E+03	1.0411E+03
1.2269E+00	3.2099E-01
3.4863E+02	2.5129E+02
3.3760E+01	1.6840E+01
2.2256E+03	1.5930E+03
1.8850E+02	1.2522E+02
1.0054E+03	7.4008E+02
1.2104E+03	8.8977E+02
8.5954E-02	4.4352E-02
1.1159E+03	8.2971E+02
1.1401E+03	8.3371E+02
3.1114E-16	3.2206E-16
1.0083E+03	7.5592E+02
1.0314E+03	7.6674E+02
3.9105E+01	1.8582E+01
5.1797E+02	4.8457E+02
2.1903E+00	2.2891E+00
1.3850E+03	9.4890E+02
5.4692E+02	4.4176E+02
7.1179E+02	4.9029E+02
9.3931E-03	0.0000E+00
2.4973E+01	2.6720E+01
1.2419E+02	1.2058E+02
3.4890E+02	2.5442E+02
2.2296E-16	2.3518E-16
3.5525E-14	3.7471E-14
1.8286E+02	1.0943E+02

1.7261E+00	1.7472E+00
1.7664E+02	1.2332E+02
2.7132E+02	2.0090E+02
2.8614E-01	2.4898E-01
7.1438E+00	6.2005E+00
1.6133E-02	1.4341E-02
7.5082E+01	6.4134E+01
1.0550E+02	7.9675E+01
1.7538E+01	1.2325E+01
1.2524E+01	7.9587E+00
4.1932E+01	2.6673E+01
4.6020E+00	3.2072E+00
5.0037E+00	3.4862E+00
1.7525E+02	7.8201E+01
1.3513E-01	8.1202E-02
3.4646E+01	1.5590E+01
3.5979E+00	1.8953E+00
5.4274E-01	2.2409E-01
1.4113E+00	8.0890E-01
4.9324E-01	2.6831E-01
3.9494E-01	2.0442E-01
3.4808E-01	1.6009E-01
8.5668E-02	3.8264E-02
2.2225E-01	7.7418E-02
8.2430E-02	2.3237E-02
1.1264E-02	0.0000E+00
1.7226E-02	1.8312E-02
5.7279E-01	6.0896E-01
2.0371E+00	2.1656E+00
3.0046E+00	3.1941E+00
1.5085E+00	1.6037E+00
3.9072E+00	4.1536E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
7.0501E+01	8.6662E+01
1.1761E+03	2.9433E+03
2.6569E+03	2.5990E+03
4.0830E+02	3.1035E+02
2.1751E-05	1.8957E-05
7.7299E-08	6.5600E-08
3.2052E+02	1.6616E+02
3.9699E+05	4.0522E+05
1.7814E-04	8.0709E-05
2.5606E+03	2.5441E+03
1.4504E+03	1.2282E+03
2.1660E+02	1.8858E+02
6.9718E+02	6.0764E+02

4.1656E-01	3.5351E-01
8.5422E-03	5.8586E-03
7.8179E+02	4.4202E+02
2.0695E+02	9.3760E+01
7.3216E-01	3.5653E-01
1.3717E+02	3.9153E+01
7.1192E-02	1.8568E-02
1.5022E+01	3.4345E+00
3.4133E+00	4.4075E-01
8.3217E-02	0.0000E+00
1.0896E-02	0.0000E+00
6.7911E+05	**6.9046E+05**
1.3943E-02	9.6672E-03
1.4855E-15	1.0690E-15
2.9746E-13	2.5550E-13
7.7462E-19	5.1467E-19
8.1616E+00	6.7954E+00
4.8761E-06	3.1391E-06
1.3456E-08	1.6626E-08
2.0145E-12	2.4890E-12
6.1217E+01	5.0244E+01
2.9178E+02	2.3947E+02
5.9325E-07	7.0778E-07
7.5852E-05	0.0000E+00
1.7404E-04	0.0000E+00
1.8596E-05	2.0059E-05
2.9755E-08	3.2096E-08
8.8625E-06	9.5599E-06
3.7811E-03	2.9808E-03
2.4935E-04	1.6530E-04
2.6482E-02	1.5888E-02
2.0000E-12	1.8434E-12
2.9212E-11	2.6925E-11
1.4841E+02	1.1257E+02
9.1912E-01	6.9722E-01
3.9989E-06	1.8601E-06
1.1473E-04	3.8093E-05
3.9504E-03	2.0918E-03
6.8121E-01	3.6073E-01
0.0000E+00	0.0000E+00
7.9970E-13	6.5740E-13
4.4572E-17	3.6643E-17
1.1111E-03	9.6989E-04
1.2668E-02	8.6583E-03
5.3539E-03	3.6592E-03
1.6914E-04	1.4731E-04

5.9316E-07	2.3228E-07
9.4481E-09	5.4670E-09
7.3572E+00	5.6382E+00
4.9117E-01	3.7642E-01
7.0013E-04	4.6587E-04
3.5213E-03	2.3432E-03
2.6258E-04	1.7473E-04
4.5602E-05	4.5311E-05
1.8704E-05	1.8584E-05
2.0377E-15	1.9586E-15
1.6394E-15	1.5758E-15
1.0952E-03	0.0000E+00
4.0449E+02	2.4449E+02
1.8026E-04	0.0000E+00
3.2405E+02	2.3855E+02
9.2840E+01	6.8345E+01
1.6227E-05	9.8151E-06
1.2978E-14	1.3434E-14
4.5729E+00	4.7793E+00
5.1168E+01	5.3478E+01
2.3082E-02	2.4124E-02
8.4836E+00	9.0776E+00
2.8339E-13	2.9891E-13
9.7249E-12	1.0258E-11
2.2089E-02	1.9172E-02
5.1119E-03	4.9214E-03
0.0000E+00	0.0000E+00
4.2547E+01	2.9900E+01
1.6430E+00	1.1450E+00
2.7883E-07	1.2943E-07
3.7349E-04	1.8726E-04
7.3828E-04	3.7015E-04
1.4984E-03	7.5126E-04
1.8041E-03	9.0455E-04
1.6731E-03	8.3886E-04
1.5123E-03	7.5825E-04
1.4425E-03	7.2323E-04
1.9386E-03	9.8419E-04
7.0580E-04	5.3649E-04
6.5529E-04	6.6884E-04
1.2626E-02	1.5520E-02
0.0000E+00	1.7418E-04
1.3380E-02	7.0655E-03
4.6468E-03	4.5456E-03
8.4185E-03	6.3989E-03
3.2447E-03	2.8279E-03
9.9180E-05	8.4168E-05

1.8188E+02	9.4288E+01
3.3754E-03	3.4454E-03
9.9198E-02	4.4942E-02
4.9368E+00	4.9051E+00
1.5077E-11	3.9323E-12
7.4268E-09	1.9369E-09
1.0250E+01	8.6799E+00
2.4775E+01	2.1570E+01
2.2972E+00	2.0021E+00
5.0521E-03	4.2876E-03
1.8072E-03	1.5337E-03
1.0420E+00	7.1460E-01
9.1304E-02	5.1625E-02
1.3305E+00	6.0280E-01
1.3553E+00	6.5996E-01
8.8004E-09	7.2477E-10
4.5342E-10	1.1883E-11
3.8812E+02	1.1078E+02
8.6381E-02	1.9749E-02
3.4092E-02	4.4022E-03
0.0000E+00	0.0000E+00
3.0654E-04	0.0000E+00
7.5403E-04	0.0000E+00
2.0653E+03	**1.3104E+03**

4.2_i128-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.2_i32-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.2	4.2
128	32
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
4.1184E+02	2.9729E+02
3.6136E-01	2.5249E-01
3.7336E-12	2.8252E-12
5.9299E-02	4.7216E-02
1.2188E-09	1.0481E-09
1.2168E-16	8.6676E-17
5.4547E+03	4.5012E+03
2.9795E-04	2.0643E-04
3.8527E-06	4.7859E-06
3.7140E-10	4.6138E-10
5.2875E+04	4.2893E+04
5.2888E+04	4.2904E+04
1.6417E-04	1.9689E-04
4.3719E-01	3.0860E-01
1.5439E+00	1.1892E+00
3.8683E-03	4.1828E-03
2.0083E-05	2.1716E-05
1.7544E-03	1.8971E-03
1.8289E-06	1.2749E-06
1.1578E+01	9.0609E+00
5.1674E-02	0.0000E+00
6.1182E-02	4.4079E-02
2.0150E+00	1.3104E+00
8.6781E-09	8.0137E-09
8.7727E-09	8.1008E-09
1.5469E+04	1.1829E+04
1.5469E+04	1.1829E+04
1.3489E-01	8.3208E-02
1.0510E-03	5.3561E-04
2.1365E-01	8.2240E-02
2.1365E-01	8.2240E-02
5.4622E-01	3.0348E-01
4.0162E+01	2.2315E+01
1.7284E-01	1.7283E-01
2.0932E-10	1.7865E-10
2.2239E-14	1.8981E-14

2.1215E+00	1.9100E+00
1.8271E+01	1.2912E+01
2.3544E+01	1.6638E+01
5.3865E-02	4.7238E-02
3.7846E-04	1.8102E-04
6.9397E-07	4.4233E-07
2.3118E+03	1.8138E+03
5.6610E+02	4.4414E+02
3.7630E-02	2.5576E-02
2.6879E-01	1.8268E-01
2.6879E-01	1.8268E-01
3.2332E-02	3.5281E-02
3.3009E-02	3.6019E-02
2.6256E-02	1.8712E-02
5.5788E-13	5.5418E-13
8.8422E-13	8.7842E-13
3.8643E-01	1.1686E-01
3.9280E+04	2.4705E+04
3.9052E-01	3.0692E-01
8.2650E+04	6.0817E+04
8.7274E+04	6.4222E+04
1.3486E-02	9.1172E-03
8.8581E-12	9.1837E-12
6.9700E+03	7.2714E+03
6.9705E+03	7.2719E+03
6.6550E+01	6.9428E+01
2.9077E-01	2.0903E-01
4.4704E-02	4.9086E-02
2.3154E+04	2.4516E+04
3.4689E-11	4.2280E-11
7.1856E-10	8.7578E-10
1.7781E+02	1.8021E+02
5.8529E-01	7.8725E-01
2.1230E-02	2.4130E-02
4.5417E+03	3.5992E+03
2.2075E+03	1.5912E+03
3.3029E-05	1.6903E-05
0.0000E+00	0.0000E+00
1.5089E-02	0.0000E+00
4.1985E-02	2.4565E-02
4.1985E-02	2.4565E-02
2.6895E-02	1.5736E-02
4.1985E-02	2.4565E-02
4.1985E-02	2.4565E-02
4.1985E-02	2.4565E-02
4.1968E-02	2.4556E-02
0.0000E+00	0.0000E+00

5.7499E-02	3.4196E-02
2.8136E-01	2.2814E-01
1.3355E-01	1.3599E-01
1.3355E-01	1.3599E-01
4.3620E-01	5.3583E-01
0.0000E+00	0.0000E+00
3.6394E-01	2.2874E-01
1.7124E-01	1.6881E-01
2.8136E-01	2.2814E-01
1.6878E+00	1.6723E+00
1.7924E-02	1.9974E-02
5.2800E+03	3.0776E+03
1.3355E-01	1.3599E-01
4.1561E+01	1.9012E+01
1.5029E+02	1.7360E+02
1.5103E-09	4.3582E-10
1.2586E-06	3.6318E-07
3.2182E+02	2.8820E+02
7.0365E+02	7.0123E+02
6.8798E+04	6.8169E+04
3.8870E+00	4.3316E+00
3.9049E+00	4.3515E+00
2.7130E+01	2.0682E+01
3.1400E+00	1.7104E+00
4.1561E+01	1.9012E+01
3.4975E+01	1.9868E+01
7.2230E-06	7.6463E-07
5.6021E-08	2.7629E-09
1.0947E+04	3.3996E+03
6.7487E-08	0.0000E+00
2.3712E+00	7.1452E-01
1.0131E+00	1.4900E-01
1.8722E-08	0.0000E+00
4.8521E+05	**3.8673E+05**
8.2914E+03	7.3625E+03
1.9063E+00	1.6927E+00
4.2805E-02	3.0899E-02
1.4703E-02	1.0872E-02
7.0167E+00	7.8936E+00
0.0000E+00	7.1839E+00
8.1844E+00	7.2675E+00
3.6221E+01	4.2423E+01
2.7567E-02	1.9705E-02
7.7695E+00	5.6316E+00
8.0678E-02	5.6373E-02
1.2465E+05	1.1730E+05

5.0662E+01	4.7630E+01
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
4.9016E+00	4.3525E+00
9.8300E+01	8.7287E+01
1.1361E+01	1.0088E+01
2.8813E+00	2.5585E+00
1.3924E+01	1.2364E+01
2.2666E+02	2.0126E+02
5.3280E+00	4.7313E+00
7.2151E-01	6.4068E-01
1.0088E-02	6.9608E-03
2.0630E-02	1.4989E-02
5.3530E-02	3.8076E-02
1.1706E-01	8.8088E-02
3.0938E-01	2.3368E-01
7.9165E-03	0.0000E+00
6.7690E-01	5.3715E-01
2.1191E+00	1.5630E+00
3.8616E+00	3.0749E+00
1.1686E+01	8.7727E+00
1.8504E+01	1.4144E+01
9.0253E-01	4.9988E-01
2.9466E+01	2.2428E+01
2.6251E+01	2.5266E+01
1.0323E+02	7.5288E+01
1.3935E+01	1.1499E+01
8.9874E+01	7.0281E+01
1.5528E+02	1.2261E+02
9.2712E-01	5.0534E-01
2.0330E+02	1.6086E+02
1.9430E-02	1.0106E-02
2.8221E+02	2.2378E+02
1.3255E-10	1.6466E-10
3.7452E+02	2.9821E+02
3.8284E+02	3.1056E+02
9.7112E-02	7.8778E-02
5.8577E+04	5.2043E+04
6.6876E-09	8.0203E-09
1.3394E+04	1.1854E+04
2.0486E+04	1.8143E+04
6.1384E+02	4.7287E+02
5.6170E-02	2.7751E-02
2.1320E+04	1.8857E+04
6.4262E+02	5.0138E+02

9.8380E-08	1.0638E-07
8.1651E-08	8.8290E-08
7.0158E+01	3.5107E+01
4.1233E+03	3.5630E+03
7.3515E+02	5.4617E+02
7.7950E+02	5.6808E+02
4.6926E-02	2.6281E-02
4.9548E-02	3.3403E-02
6.7619E+02	5.2919E+02
8.8202E+02	6.4156E+02
1.7725E+02	9.2928E+01
7.0985E+02	5.2474E+02
8.2456E+02	5.6738E+02
3.5136E+02	2.9971E+02
2.7133E-13	2.5056E-13
3.7430E+02	1.9482E+02
6.0350E+02	3.9868E+02
4.1805E+02	2.7942E+02
4.6878E+02	2.7709E+02
4.6644E+00	3.5670E+00
2.6219E+02	1.6173E+02
1.8227E+02	1.0937E+02
7.8892E+01	5.3055E+01
8.4432E-03	4.6908E-03
7.9979E+01	3.5891E+01
6.2480E+01	3.6718E+01
3.1508E+01	1.8126E+01
1.5869E+01	9.4534E+00
1.5572E+01	1.3827E+01
6.3439E-02	7.0316E-02
1.7622E+01	1.1149E+01
1.0784E+01	9.5762E+00
1.0520E+00	9.7667E-01
5.8665E+00	5.1608E+00
5.9950E+00	4.0754E+00
2.4667E+02	2.1769E+02
1.3421E+02	1.1807E+02
4.1479E+02	3.6730E+02
1.5148E+02	1.3357E+02
5.6544E+02	5.0112E+02
4.6011E+00	3.3130E+00
3.4954E-01	2.4702E-01
8.7393E+01	7.6336E+01
6.1552E-01	3.1033E-01
6.1270E+00	4.3516E+00
8.3596E-03	0.0000E+00
1.1289E+02	9.8305E+01

5.0970E-01	2.4596E-01
2.2282E+00	1.7481E+00
1.0604E+01	7.1434E+00
3.1083E-02	2.4386E-02
2.1773E+01	1.4798E+01
1.0402E+00	6.2269E-01
4.3820E+01	3.1372E+01
0.0000E+00	3.8157E-06
9.4860E+01	6.5705E+01
6.0909E+00	3.0180E+00
1.4864E+02	1.0593E+02
2.9330E-17	2.9138E-17
8.5294E-02	2.8602E-02
3.6617E+02	2.6261E+02
1.2980E+01	5.6298E+00
2.9872E+02	2.6306E+02
1.1680E+03	7.9130E+02
9.3007E+02	7.3867E+02
2.3497E+02	1.2826E+02
3.0385E+01	1.9110E+01
1.4250E+03	1.0399E+03
1.1821E+00	3.5192E-01
3.3894E+02	2.6638E+02
3.2624E+01	1.8177E+01
2.2365E+03	1.5774E+03
1.8848E+02	1.2517E+02
1.0053E+03	7.3977E+02
1.2110E+03	8.8792E+02
8.3596E-02	4.7032E-02
1.1157E+03	8.2843E+02
1.1412E+03	8.3169E+02
3.1075E-16	3.2217E-16
1.0081E+03	7.5464E+02
1.0320E+03	7.6476E+02
3.9703E+01	1.8316E+01
5.0318E+02	4.9755E+02
2.1887E+00	2.2833E+00
1.4015E+03	9.3042E+02
5.4776E+02	4.3909E+02
7.1144E+02	4.9122E+02
9.2277E-03	0.0000E+00
2.4962E+01	2.6430E+01
1.2507E+02	1.1825E+02
3.4898E+02	2.5430E+02
2.1094E-16	2.5710E-16
3.3610E-14	4.0965E-14
1.8139E+02	1.1204E+02

1.6555E+00	1.8859E+00
1.7633E+02	1.2394E+02
2.6947E+02	2.0248E+02
2.7032E-01	2.7539E-01
6.7558E+00	6.8468E+00
1.4721E-02	1.6265E-02
7.6639E+01	6.1820E+01
1.0556E+02	7.9882E+01
1.6818E+01	1.3328E+01
1.2012E+01	8.6046E+00
4.1784E+01	2.7027E+01
4.5470E+00	3.2773E+00
4.9381E+00	3.5696E+00
1.7674E+02	7.8280E+01
1.2444E-01	9.5040E-02
3.4170E+01	1.6143E+01
3.5537E+00	1.9433E+00
5.2818E-01	2.3948E-01
1.4066E+00	8.2192E-01
4.7296E-01	2.8626E-01
3.9154E-01	2.0769E-01
3.4668E-01	1.6350E-01
7.9688E-02	4.4022E-02
2.2197E-01	7.9006E-02
8.0841E-02	2.4710E-02
1.0984E-02	0.0000E+00
1.8312E-02	1.6261E-02
6.0896E-01	5.4072E-01
2.1656E+00	1.9229E+00
3.1941E+00	2.8363E+00
1.6037E+00	1.4240E+00
4.1536E+00	3.6883E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
7.0105E+01	8.6112E+01
1.0778E+03	3.1884E+03
2.6480E+03	2.6103E+03
3.9998E+02	3.2432E+02
2.0682E-05	2.0493E-05
6.9177E-08	7.7088E-08
3.0833E+02	1.7972E+02
3.9732E+05	4.0459E+05
1.7926E-04	8.2003E-05
2.4229E+03	2.7988E+03
1.4178E+03	1.2697E+03
2.0524E+02	2.0454E+02
6.6290E+02	6.5683E+02

3.7280E-01	4.1543E-01
8.1946E-03	6.2471E-03
7.9407E+02	4.3254E+02
2.0825E+02	9.5264E+01
6.9199E-01	3.9309E-01
1.3535E+02	4.2031E+01
6.9771E-02	2.0133E-02
1.3816E+01	4.1631E+00
3.3192E+00	4.8818E-01
7.7876E-02	8.2434E-03
1.0102E-02	0.0000E+00
6.9048E+05	**6.6913E+05**
1.3891E-02	1.0028E-02
1.4644E-15	1.1081E-15
2.9832E-13	2.5652E-13
7.5900E-19	5.4063E-19
8.1752E+00	6.7461E+00
4.7718E-06	3.3062E-06
1.3369E-08	1.6607E-08
2.0014E-12	2.4861E-12
6.1376E+01	4.9786E+01
2.9253E+02	2.3731E+02
5.8995E-07	7.0752E-07
7.5913E-05	0.0000E+00
1.7436E-04	0.0000E+00
1.8552E-05	2.0060E-05
2.9684E-08	3.2098E-08
8.8418E-06	9.5603E-06
3.7888E-03	2.9651E-03
2.4312E-04	1.7515E-04
2.5854E-02	1.6813E-02
2.0017E-12	1.8485E-12
2.9238E-11	2.6999E-11
1.4851E+02	1.1356E+02
9.1973E-01	7.0334E-01
3.9034E-06	1.9891E-06
1.1022E-04	4.2427E-05
3.9137E-03	2.1745E-03
6.7492E-01	3.7498E-01
0.0000E+00	0.0000E+00
7.9086E-13	6.7496E-13
4.4079E-17	3.7622E-17
1.1016E-03	9.9176E-04
1.2545E-02	8.8656E-03
5.3016E-03	3.7468E-03
1.6926E-04	1.4843E-04

5.5823E-07	2.6701E-07
9.1947E-09	5.8608E-09
7.3119E+00	5.7367E+00
4.8814E-01	3.8298E-01
6.9612E-04	4.7313E-04
3.5012E-03	2.3796E-03
2.6108E-04	1.7744E-04
4.3980E-05	4.7991E-05
1.8038E-05	1.9683E-05
2.0128E-15	1.9997E-15
1.6194E-15	1.6088E-15
1.0473E-03	3.1674E-04
4.0016E+02	2.5168E+02
1.7525E-04	0.0000E+00
3.2405E+02	2.3845E+02
9.2840E+01	6.8319E+01
1.5649E-05	1.0580E-05
1.2962E-14	1.3438E-14
4.5694E+00	4.7670E+00
5.1132E+01	5.3341E+01
2.3066E-02	2.4063E-02
8.4801E+00	8.9786E+00
2.6811E-13	3.2678E-13
9.2008E-12	1.1214E-11
2.0889E-02	2.1170E-02
4.5034E-03	6.0570E-03
0.0000E+00	0.0000E+00
4.0801E+01	3.2335E+01
1.6232E+00	1.1700E+00
2.7071E-07	1.3854E-07
3.5572E-04	2.0812E-04
7.0312E-04	4.1139E-04
1.4271E-03	8.3494E-04
1.7183E-03	1.0054E-03
1.5935E-03	9.3232E-04
1.4403E-03	8.4273E-04
1.3738E-03	8.0384E-04
1.8443E-03	1.0968E-03
6.9146E-04	5.6065E-04
6.5582E-04	6.6783E-04
1.2555E-02	1.5422E-02
0.0000E+00	1.8868E-04
1.2668E-02	7.9618E-03
4.6310E-03	4.5654E-03
8.2469E-03	6.6871E-03
3.0851E-03	3.0570E-03
8.8761E-05	9.8912E-05

1.7496E+02	1.0198E+02
3.3783E-03	3.4401E-03
9.9823E-02	4.5663E-02
4.6715E+00	5.3962E+00
1.4776E-11	4.2639E-12
7.2780E-09	2.1002E-09
1.0020E+01	8.9729E+00
2.3475E+01	2.3395E+01
2.1842E+00	2.1642E+00
4.5214E-03	5.0384E-03
1.6173E-03	1.8023E-03
9.9959E-01	7.6204E-01
9.2739E-02	5.0516E-02
1.3389E+00	6.1248E-01
1.2809E+00	7.2763E-01
8.2355E-09	8.7177E-10
3.7330E-10	1.8411E-11
3.8296E+02	1.1892E+02
7.9446E-02	2.3939E-02
3.3152E-02	4.8761E-03
0.0000E+00	0.0000E+00
2.7660E-04	0.0000E+00
6.8754E-04	0.0000E+00
2.0460E+03	**1.3369E+03**

4.2_i32-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.2_i32_w16-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.2	4.2
32	32
0	16
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
4.2658E+02	3.2512E+02
3.7755E-01	2.5648E-01
3.8368E-12	2.8201E-12
5.9924E-02	4.7265E-02
1.2111E-09	1.0479E-09
1.2638E-16	8.5589E-17
5.4349E+03	4.4766E+03
3.1008E-04	2.0388E-04
3.9054E-06	4.7894E-06
3.7648E-10	4.6169E-10
5.2584E+04	4.2604E+04
5.2598E+04	4.2615E+04
1.6610E-04	1.9699E-04
4.3632E-01	3.0726E-01
1.5380E+00	1.1840E+00
3.8874E-03	4.1841E-03
2.0183E-05	2.1723E-05
1.7631E-03	1.8976E-03
1.9056E-06	1.2652E-06
1.1535E+01	9.0416E+00
5.4657E-02	0.0000E+00
6.4297E-02	4.4123E-02
2.1126E+00	1.3140E+00
8.6601E-09	8.0128E-09
8.7542E-09	8.1000E-09
1.5440E+04	1.1888E+04
1.5440E+04	1.1888E+04
1.3482E-01	8.4018E-02
1.1026E-03	5.4173E-04
2.3104E-01	8.4220E-02
2.3104E-01	8.4220E-02
5.5585E-01	3.0866E-01
4.0871E+01	2.2695E+01
2.0189E-01	1.8304E-01
2.1379E-10	1.7899E-10
2.2714E-14	1.9017E-14

2.1566E+00	1.9153E+00
1.8634E+01	1.3017E+01
2.4012E+01	1.6773E+01
5.3764E-02	4.7335E-02
4.2617E-04	1.8858E-04
7.3163E-07	4.5030E-07
2.3401E+03	1.8233E+03
5.7301E+02	4.4647E+02
3.8071E-02	2.5751E-02
2.7194E-01	1.8393E-01
2.7194E-01	1.8393E-01
3.4753E-02	3.6157E-02
3.5481E-02	3.6914E-02
2.6605E-02	1.8835E-02
5.7152E-13	5.5832E-13
9.0587E-13	8.8497E-13
4.2077E-01	1.1859E-01
4.0083E+04	2.4870E+04
4.1453E-01	3.1764E-01
8.2636E+04	6.0777E+04
8.7265E+04	6.4178E+04
1.4458E-02	9.1168E-03
8.8810E-12	9.1868E-12
6.9815E+03	7.2613E+03
6.9819E+03	7.2618E+03
6.6660E+01	6.9331E+01
3.0240E-01	2.0795E-01
4.9064E-02	4.9540E-02
2.3199E+04	2.4467E+04
3.8790E-11	4.3971E-11
8.0348E-10	9.1080E-10
1.9896E+02	1.8785E+02
7.5227E-01	8.6090E-01
2.6551E-02	2.5970E-02
4.9430E+03	3.7085E+03
2.2631E+03	1.6039E+03
3.4960E-05	1.7277E-05
4.4761E-05	0.0000E+00
1.6620E-02	0.0000E+00
4.6244E-02	2.5194E-02
4.6244E-02	2.5194E-02
2.9624E-02	1.6140E-02
4.6244E-02	2.5194E-02
4.6244E-02	2.5194E-02
4.6244E-02	2.5194E-02
4.6226E-02	2.5185E-02
0.0000E+00	0.0000E+00

6.3466E-02	3.5072E-02
2.9345E-01	2.3249E-01
1.3332E-01	1.3588E-01
1.3332E-01	1.3588E-01
4.4123E-01	5.3438E-01
0.0000E+00	0.0000E+00
4.0539E-01	2.3470E-01
1.7277E-01	1.6932E-01
2.9345E-01	2.3249E-01
1.8685E+00	1.7422E+00
2.2390E-02	2.1725E-02
5.7094E+03	3.1769E+03
1.3332E-01	1.3588E-01
4.1020E+01	1.9275E+01
1.6793E+02	1.8142E+02
1.5664E-09	4.4964E-10
1.3053E-06	3.7471E-07
3.3697E+02	2.9250E+02
7.8443E+02	7.3238E+02
7.6168E+04	7.1020E+04
4.8554E+00	4.7115E+00
4.8778E+00	4.7331E+00
2.9575E+01	2.1569E+01
3.0455E+00	1.7141E+00
4.1020E+01	1.9275E+01
3.9273E+01	2.0889E+01
8.1374E-06	8.0736E-07
8.1250E-08	3.1075E-09
1.1205E+04	3.4962E+03
8.8871E-08	0.0000E+00
2.7935E+00	7.6564E-01
1.0604E+00	1.5359E-01
2.2612E-08	0.0000E+00
4.9410E+05	**3.8952E+05**
7.3625E+03	7.1544E+03
1.6929E+00	1.6451E+00
4.4339E-02	3.3792E-02
1.5340E-02	1.1889E-02
1.0274E+01	2.1369E+01
7.1826E+00	3.0506E+01
7.2675E+00	7.0629E+00
4.2423E+01	1.9017E+02
2.9771E-02	5.0424E+01
8.3499E+00	5.8032E+00
8.4295E-02	5.7266E-02
1.1730E+05	1.1670E+05

4.7696E+01	4.6970E+01
0.0000E+00	1.4622E-02
0.0000E+00	2.3942E-02
0.0000E+00	1.1722E+03
0.0000E+00	8.4300E-01
4.3525E+00	4.7934E+00
8.7287E+01	9.6127E+01
1.0088E+01	1.1110E+01
2.5585E+00	2.8176E+00
1.2364E+01	1.3616E+01
2.0126E+02	2.2165E+02
4.7313E+00	5.2105E+00
6.4068E-01	7.0554E-01
1.0405E-02	7.0360E-03
2.1130E-02	1.5101E-02
5.4468E-02	3.8275E-02
1.1771E-01	8.8167E-02
3.1135E-01	2.3374E-01
8.5386E-03	0.0000E+00
6.8468E-01	5.3777E-01
2.1147E+00	1.5595E+00
3.9022E+00	3.0779E+00
1.1622E+01	8.7336E+00
1.8406E+01	1.4097E+01
9.4961E-01	5.0706E-01
2.9409E+01	2.2349E+01
2.7156E+01	2.5387E+01
1.0203E+02	7.4690E+01
1.3885E+01	1.1436E+01
8.9386E+01	6.9846E+01
1.5460E+02	1.2185E+02
9.8899E-01	5.1216E-01
2.0230E+02	1.5984E+02
2.0697E-02	1.0116E-02
2.8072E+02	2.2230E+02
1.3436E-10	1.6478E-10
3.7259E+02	2.9621E+02
3.8073E+02	3.0847E+02
9.6576E-02	7.8250E-02
5.2070E+04	5.7306E+04
6.7663E-09	8.0243E-09
1.1957E+04	1.3012E+04
1.8266E+04	1.9934E+04
6.1151E+02	4.7076E+02
5.9193E-02	2.7639E-02
1.9022E+04	2.0712E+04
6.4002E+02	4.9962E+02

9.8868E-08	1.0641E-07
8.2056E-08	8.8317E-08
7.1381E+01	3.5222E+01
3.7446E+03	3.8670E+03
7.3436E+02	5.4516E+02
7.8021E+02	5.6756E+02
4.8796E-02	2.6177E-02
5.0002E-02	3.3359E-02
6.7364E+02	5.2804E+02
8.8216E+02	6.4112E+02
1.8039E+02	9.3557E+01
7.0673E+02	5.2417E+02
8.3098E+02	5.6888E+02
3.5467E+02	3.0139E+02
2.7077E-13	2.5054E-13
3.7427E+02	1.9521E+02
6.0694E+02	4.0115E+02
4.2365E+02	2.8238E+02
4.7018E+02	2.7941E+02
4.6556E+00	3.5848E+00
2.6206E+02	1.6331E+02
1.8306E+02	1.1061E+02
7.9328E+01	5.3539E+01
8.5919E-03	4.7709E-03
8.2183E+01	3.6747E+01
6.2753E+01	3.7126E+01
3.1731E+01	1.8328E+01
1.6149E+01	9.5656E+00
1.3827E+01	1.5228E+01
7.3647E-02	7.4294E-02
1.7888E+01	1.1250E+01
9.5762E+00	1.0546E+01
1.0507E+00	9.7645E-01
5.2488E+00	5.6668E+00
6.1178E+00	4.1097E+00
2.1974E+02	2.3947E+02
1.1989E+02	1.2969E+02
3.6905E+02	4.0418E+02
1.3519E+02	1.4677E+02
5.0279E+02	5.5154E+02
4.6878E+00	3.3340E+00
3.5649E-01	2.4903E-01
7.8470E+01	8.3653E+01
6.5648E-01	3.1826E-01
6.2559E+00	4.3816E+00
9.4037E-03	0.0000E+00
1.0153E+02	1.0761E+02

5.4802E-01	2.5309E-01
2.2554E+00	1.7573E+00
1.0758E+01	7.1940E+00
3.1463E-02	2.4514E-02
2.2028E+01	1.4899E+01
1.0830E+00	6.3008E-01
4.3901E+01	3.1548E+01
3.7587E-06	3.9105E-06
9.5119E+01	6.5872E+01
6.5314E+00	3.0987E+00
1.5061E+02	1.0662E+02
3.0048E-17	2.9355E-17
9.0988E-02	2.9328E-02
3.6653E+02	2.6266E+02
1.2412E+01	5.5462E+00
2.9705E+02	2.6268E+02
1.1720E+03	7.9218E+02
9.2699E+02	7.3718E+02
2.4073E+02	1.2940E+02
3.1006E+01	1.9238E+01
1.4242E+03	1.0386E+03
1.2689E+00	3.6224E-01
3.5978E+02	2.7569E+02
3.5036E+01	1.8841E+01
2.2125E+03	1.5667E+03
1.8848E+02	1.2507E+02
1.0052E+03	7.3929E+02
1.2095E+03	8.8638E+02
8.8172E-02	4.7027E-02
1.1160E+03	8.2724E+02
1.1386E+03	8.2984E+02
3.1154E-16	3.2226E-16
1.0084E+03	7.5350E+02
1.0306E+03	7.6314E+02
3.8418E+01	1.8023E+01
5.3350E+02	5.0384E+02
2.1923E+00	2.2802E+00
1.3673E+03	9.1973E+02
5.4622E+02	4.3795E+02
7.1166E+02	4.9020E+02
9.5401E-03	0.0000E+00
2.5010E+01	2.6377E+01
1.2351E+02	1.1765E+02
3.4876E+02	2.5400E+02
2.3588E-16	2.6738E-16
3.7583E-14	4.2603E-14
1.8425E+02	1.1275E+02

1.8029E+00	1.9518E+00
1.7694E+02	1.2419E+02
2.7314E+02	2.0283E+02
3.0309E-01	2.8732E-01
7.5592E+00	7.1372E+00
1.7669E-02	1.7288E-02
7.3616E+01	6.1169E+01
1.0548E+02	8.0124E+01
1.8304E+01	1.3733E+01
1.3070E+01	8.8700E+00
4.2070E+01	2.7208E+01
4.6614E+00	3.3036E+00
5.0741E+00	3.6016E+00
1.7336E+02	7.7823E+01
1.4682E-01	1.0058E-01
3.5031E+01	1.6312E+01
3.6398E+00	1.9692E+00
5.5713E-01	2.4606E-01
1.4162E+00	8.3151E-01
5.1396E-01	2.9454E-01
3.9821E-01	2.0935E-01
3.4921E-01	1.6564E-01
9.2088E-02	4.6543E-02
2.2175E-01	7.9578E-02
8.3644E-02	2.5178E-02
1.1503E-02	0.0000E+00
1.6261E-02	1.7908E-02
5.4072E-01	5.9550E-01
1.9229E+00	2.1177E+00
2.8363E+00	3.1236E+00
1.4240E+00	1.5683E+00
3.6883E+00	4.0619E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
7.0919E+01	8.5884E+01
1.2790E+03	3.3432E+03
2.6715E+03	2.6182E+03
4.1717E+02	3.3051E+02
2.2896E-05	2.1349E-05
8.6412E-08	8.3851E-08
3.3341E+02	1.8552E+02
3.9662E+05	4.0425E+05
1.7693E-04	8.3138E-05
2.7072E+03	2.9247E+03
1.4846E+03	1.2886E+03
2.2881E+02	2.1363E+02
7.3388E+02	6.8429E+02

4.6565E-01	4.5188E-01
8.9333E-03	6.5151E-03
7.7018E+02	4.3347E+02
2.0554E+02	9.6580E+01
7.7700E-01	4.1329E-01
1.3853E+02	4.3225E+01
7.2358E-02	2.0772E-02
1.6277E+01	4.4612E+00
3.4741E+00	5.0318E-01
8.7727E-02	8.7041E-03
1.1535E-02	0.0000E+00
6.6914E+05	**6.8029E+05**
1.4389E-02	1.0967E-02
1.5048E-15	1.1061E-15
2.9643E-13	2.5648E-13
7.8830E-19	5.3385E-19
8.1457E+00	6.7091E+00
4.9663E-06	3.2654E-06
1.3551E-08	1.6618E-08
2.0287E-12	2.4879E-12
6.1037E+01	4.9452E+01
2.9092E+02	2.3570E+02
5.9686E-07	7.0787E-07
7.5764E-05	0.0000E+00
1.7369E-04	0.0000E+00
1.8643E-05	2.0066E-05
2.9831E-08	3.2107E-08
8.8854E-06	9.5634E-06
3.7746E-03	2.9588E-03
2.5549E-04	1.7533E-04
2.7106E-02	1.6859E-02
1.9976E-12	1.8483E-12
2.9177E-11	2.6997E-11
1.4823E+02	1.1413E+02
9.1802E-01	7.0686E-01
4.0948E-06	2.0119E-06
1.1919E-04	4.3448E-05
3.9827E-03	2.2116E-03
6.8680E-01	3.8138E-01
0.0000E+00	0.0000E+00
8.0775E-13	6.7628E-13
4.5021E-17	3.7694E-17
1.1198E-03	9.9449E-04
1.2794E-02	8.9373E-03
5.4072E-03	3.7772E-03
1.6893E-04	1.4873E-04

6.2858E-07	2.7816E-07
9.6941E-09	5.9660E-09
7.4012E+00	5.7666E+00
4.9412E-01	3.8499E-01
7.0426E-04	4.7634E-04
3.5422E-03	2.3958E-03
2.6414E-04	1.7866E-04
4.7274E-05	4.9183E-05
1.9389E-05	2.0173E-05
2.0621E-15	2.0145E-15
1.6591E-15	1.6208E-15
1.1404E-03	3.2142E-04
4.0834E+02	2.5336E+02
1.8602E-04	0.0000E+00
3.2401E+02	2.3829E+02
9.2831E+01	6.8270E+01
1.6778E-05	1.0579E-05
1.2995E-14	1.3442E-14
4.5769E+00	4.7604E+00
5.1216E+01	5.3266E+01
2.3104E-02	2.4030E-02
8.4964E+00	8.9606E+00
2.9981E-13	3.3985E-13
1.0289E-11	1.1663E-11
2.3374E-02	2.2068E-02
5.7882E-03	6.6238E-03
2.3175E-05	2.2668E-05
4.4405E+01	3.3318E+01
1.6640E+00	1.1794E+00
2.8654E-07	1.4161E-07
3.9180E-04	2.1346E-04
7.7444E-04	4.2194E-04
1.5718E-03	8.5637E-04
1.8926E-03	1.0311E-03
1.7551E-03	9.5621E-04
1.5865E-03	8.6434E-04
1.5132E-03	8.2443E-04
2.0357E-03	1.1249E-03
7.2116E-04	5.7134E-04
6.5468E-04	6.6726E-04
1.2700E-02	1.5380E-02
0.0000E+00	1.9784E-04
1.4110E-02	8.1695E-03
4.6724E-03	4.5791E-03
8.6011E-03	6.8147E-03
3.4155E-03	3.1847E-03
1.1087E-04	1.0758E-04

1.8919E+02	1.0527E+02
3.3724E-03	3.4372E-03
9.8520E-02	4.6297E-02
5.2197E+00	5.6390E+00
1.5325E-11	4.3993E-12
7.5482E-09	2.1669E-09
1.0492E+01	9.1071E+00
2.6171E+01	2.4435E+01
2.4181E+00	2.2547E+00
5.6478E-03	5.4802E-03
2.0203E-03	1.9603E-03
1.0897E+00	7.9473E-01
8.9949E-02	5.0626E-02
1.3215E+00	6.2097E-01
1.4383E+00	7.6503E-01
9.2774E-09	9.2052E-10
5.4142E-10	2.0707E-11
3.9198E+02	1.2230E+02
9.3597E-02	2.5652E-02
3.4699E-02	5.0257E-03
1.5958E-10	0.0000E+00
3.3228E-04	0.0000E+00
8.0049E-04	0.0000E+00
2.0832E+03	**1.3461E+03**

4.2_i32_w16-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.2_i32_w24-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.2	4.2
32	32
16	24
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
4.6504E+02	3.3939E+02
3.8092E-01	2.5855E-01
3.8076E-12	2.8180E-12
6.0152E-02	4.7287E-02
1.2057E-09	1.0479E-09
1.2437E-16	8.5052E-17
5.4182E+03	4.4638E+03
3.0514E-04	2.0263E-04
3.9312E-06	4.7903E-06
3.7897E-10	4.6178E-10
5.2360E+04	4.2456E+04
5.2373E+04	4.2467E+04
1.6699E-04	1.9702E-04
4.3487E-01	3.0657E-01
1.5335E+00	1.1813E+00
3.8961E-03	4.1846E-03
2.0228E-05	2.1725E-05
1.7670E-03	1.8979E-03
1.8822E-06	1.2605E-06
1.1524E+01	9.0314E+00
5.4666E-02	0.0000E+00
6.4130E-02	4.4154E-02
2.1098E+00	1.3159E+00
8.6429E-09	8.0128E-09
8.7366E-09	8.1000E-09
1.5425E+04	1.1919E+04
1.5425E+04	1.1919E+04
1.3528E-01	8.4427E-02
1.1024E-03	5.4490E-04
2.3275E-01	8.5250E-02
2.3275E-01	8.5250E-02
5.5937E-01	3.1133E-01
4.1130E+01	2.2892E+01
2.1465E-01	1.8855E-01
2.1366E-10	1.7919E-10
2.2700E-14	1.9038E-14

2.1547E+00	1.9181E+00
1.8728E+01	1.3071E+01
2.4132E+01	1.6843E+01
5.3654E-02	4.7388E-02
4.3917E-04	1.9257E-04
7.3933E-07	4.5443E-07
2.3443E+03	1.8282E+03
5.7402E+02	4.4766E+02
3.8223E-02	2.5841E-02
2.7302E-01	1.8458E-01
2.7302E-01	1.8458E-01
3.5767E-02	3.6614E-02
3.6516E-02	3.7380E-02
2.6765E-02	1.8898E-02
5.7627E-13	5.6047E-13
9.1340E-13	8.8832E-13
4.2195E-01	1.1948E-01
4.0259E+04	2.4957E+04
4.2828E-01	3.2334E-01
8.2601E+04	6.0755E+04
8.7226E+04	6.4156E+04
1.4421E-02	9.1181E-03
8.8906E-12	9.1876E-12
6.9872E+03	7.2560E+03
6.9876E+03	7.2565E+03
6.6713E+01	6.9282E+01
3.0013E-01	2.0740E-01
4.9821E-02	4.9773E-02
2.3274E+04	2.4440E+04
4.0676E-11	4.4867E-11
8.4256E-10	9.2937E-10
2.0805E+02	1.9192E+02
8.3169E-01	9.0086E-01
2.9114E-02	2.6961E-02
5.1128E+03	3.7666E+03
2.2878E+03	1.6106E+03
3.5428E-05	1.7472E-05
4.5087E-05	0.0000E+00
1.6940E-02	0.0000E+00
4.7137E-02	2.5524E-02
4.7137E-02	2.5524E-02
3.0195E-02	1.6350E-02
4.7137E-02	2.5524E-02
4.7137E-02	2.5524E-02
4.7137E-02	2.5524E-02
4.7115E-02	2.5515E-02
0.0000E+00	0.0000E+00

6.4680E-02	3.5531E-02
2.9898E-01	2.3477E-01
1.3320E-01	1.3582E-01
1.3320E-01	1.3582E-01
4.4378E-01	5.3359E-01
0.0000E+00	0.0000E+00
4.1302E-01	2.3785E-01
1.7388E-01	1.6959E-01
2.9898E-01	2.3477E-01
1.9566E+00	1.7793E+00
2.4754E-02	2.2679E-02
5.8819E+03	3.2290E+03
1.3320E-01	1.3582E-01
4.1107E+01	1.9404E+01
1.7621E+02	1.8558E+02
1.5862E-09	4.5659E-10
1.3218E-06	3.8050E-07
3.4241E+02	2.9478E+02
8.2443E+02	7.4892E+02
7.9759E+04	7.2530E+04
5.3680E+00	4.9183E+00
5.3926E+00	4.9408E+00
3.0948E+01	2.2040E+01
3.0318E+00	1.7156E+00
4.1107E+01	1.9404E+01
4.1390E+01	2.1432E+01
8.3402E-06	8.2852E-07
8.8048E-08	3.2941E-09
1.1307E+04	3.5444E+03
9.5357E-08	0.0000E+00
2.9568E+00	7.9279E-01
1.0667E+00	1.5572E-01
2.3015E-08	0.0000E+00
4.9797E+05	**3.9100E+05**
7.1544E+03	7.0506E+03
1.6454E+00	1.6213E+00
4.8334E-02	3.5275E-02
1.6735E-02	1.2412E-02
2.3793E+01	2.8108E+01
3.0500E+01	4.2167E+01
7.0620E+00	6.9608E+00
1.9017E+02	2.6404E+02
5.0433E+01	7.5627E+01
8.5470E+00	5.8903E+00
8.5048E-02	5.7724E-02
1.1669E+05	1.1639E+05

4.7040E+01	4.6640E+01
2.1855E-02	2.2091E-02
3.5800E-02	3.6172E-02
1.1717E+03	1.7583E+03
1.3058E+00	1.2528E+00
4.7934E+00	5.0138E+00
9.6127E+01	1.0055E+02
1.1110E+01	1.1621E+01
2.8176E+00	2.9472E+00
1.3616E+01	1.4242E+01
2.2165E+02	2.3184E+02
5.2105E+00	5.4498E+00
7.0554E-01	7.3801E-01
1.0474E-02	7.0748E-03
2.1232E-02	1.5158E-02
5.4657E-02	3.8378E-02
1.1777E-01	8.8207E-02
3.1159E-01	2.3377E-01
8.6953E-03	0.0000E+00
6.8732E-01	5.3808E-01
2.1105E+00	1.5578E+00
3.9173E+00	3.0794E+00
1.1580E+01	8.7138E+00
1.8363E+01	1.4073E+01
9.5946E-01	5.1080E-01
2.9345E+01	2.2309E+01
2.7562E+01	2.5446E+01
1.0124E+02	7.4382E+01
1.3842E+01	1.1404E+01
8.9016E+01	6.9626E+01
1.5398E+02	1.2146E+02
9.9871E-01	5.1572E-01
2.0146E+02	1.5932E+02
2.0630E-02	1.0121E-02
2.7949E+02	2.2154E+02
1.3525E-10	1.6482E-10
3.7097E+02	2.9518E+02
3.7909E+02	3.0740E+02
9.6162E-02	7.7977E-02
5.7328E+04	5.9937E+04
6.8024E-09	8.0256E-09
1.3115E+04	1.3591E+04
2.0057E+04	2.0830E+04
6.0971E+02	4.6970E+02
5.8674E-02	2.7584E-02
2.0877E+04	2.1639E+04
6.3879E+02	4.9870E+02

9.9088E-08	1.0642E-07
8.2240E-08	8.8326E-08
7.1284E+01	3.5285E+01
4.0488E+03	4.0190E+03
7.3352E+02	5.4463E+02
7.7981E+02	5.6729E+02
4.8303E-02	2.6125E-02
4.9900E-02	3.3336E-02
6.7298E+02	5.2747E+02
8.8176E+02	6.4090E+02
1.8073E+02	9.3883E+01
7.0585E+02	5.2386E+02
8.3266E+02	5.6962E+02
3.5750E+02	3.0225E+02
2.7023E-13	2.5054E-13
3.7311E+02	1.9541E+02
6.0896E+02	4.0242E+02
4.2695E+02	2.8390E+02
4.7128E+02	2.8060E+02
4.6512E+00	3.5941E+00
2.6294E+02	1.6411E+02
1.8399E+02	1.1125E+02
7.9746E+01	5.3790E+01
8.6464E-03	4.8123E-03
8.3213E+01	3.7189E+01
6.3056E+01	3.7334E+01
3.1882E+01	1.8432E+01
1.6251E+01	9.6232E+00
1.5228E+01	1.5928E+01
7.8197E-02	7.6432E-02
1.7966E+01	1.1302E+01
1.0546E+01	1.1031E+01
1.0519E+00	9.7636E-01
5.7552E+00	5.9198E+00
6.1468E+00	4.1274E+00
2.4152E+02	2.5036E+02
1.3150E+02	1.3549E+02
4.0592E+02	4.2262E+02
1.4839E+02	1.5338E+02
5.5326E+02	5.7675E+02
4.7001E+00	3.3446E+00
3.5827E-01	2.5006E-01
8.5782E+01	8.7314E+01
6.6722E-01	3.2236E-01
6.2766E+00	4.3969E+00
9.7214E-03	0.0000E+00
1.1083E+02	1.1226E+02

5.5942E-01	2.5681E-01
2.2594E+00	1.7620E+00
1.0802E+01	7.2200E+00
3.1519E-02	2.4580E-02
2.2116E+01	1.4951E+01
1.0935E+00	6.3400E-01
4.4044E+01	3.1638E+01
3.8683E-06	3.9599E-06
9.5220E+01	6.5956E+01
6.6612E+00	3.1408E+00
1.5151E+02	1.0698E+02
3.0297E-17	2.9466E-17
9.2030E-02	2.9710E-02
3.6653E+02	2.6270E+02
1.2128E+01	5.5040E+00
2.9743E+02	2.6248E+02
1.1721E+03	7.9266E+02
9.2642E+02	7.3643E+02
2.4221E+02	1.2998E+02
3.1142E+01	1.9305E+01
1.4230E+03	1.0379E+03
1.2926E+00	3.6763E-01
3.7172E+02	2.8063E+02
3.6146E+01	1.9199E+01
2.1978E+03	1.5610E+03
1.8839E+02	1.2503E+02
1.0048E+03	7.3902E+02
1.2082E+03	8.8559E+02
8.7815E-02	4.7027E-02
1.1156E+03	8.2658E+02
1.1365E+03	8.2887E+02
3.1189E-16	3.2231E-16
1.0081E+03	7.5288E+02
1.0293E+03	7.6226E+02
3.7596E+01	1.7876E+01
5.4723E+02	5.0701E+02
2.1941E+00	2.2785E+00
1.3500E+03	9.1428E+02
5.4604E+02	4.3736E+02
7.0981E+02	4.8968E+02
9.4186E-03	0.0000E+00
2.5091E+01	2.6349E+01
1.2344E+02	1.1734E+02
3.4840E+02	2.5384E+02
2.4735E-16	2.7283E-16
3.9411E-14	4.3471E-14
1.8495E+02	1.1312E+02

1.8704E+00	1.9871E+00
1.7713E+02	1.2432E+02
2.7426E+02	2.0299E+02
3.1724E-01	2.9368E-01
7.9046E+00	7.2917E+00
1.9100E-02	1.7832E-02
7.2719E+01	6.0839E+01
1.0576E+02	8.0247E+01
1.8934E+01	1.3948E+01
1.3523E+01	9.0103E+00
4.2189E+01	2.7301E+01
4.7120E+00	3.3173E+00
5.1348E+00	3.6185E+00
1.7112E+02	7.7576E+01
1.5555E-01	1.0360E-01
3.5099E+01	1.6397E+01
3.6677E+00	1.9824E+00
5.6698E-01	2.4947E-01
1.4238E+00	8.3644E-01
5.2914E-01	2.9887E-01
3.9948E-01	2.1020E-01
3.5042E-01	1.6673E-01
9.7051E-02	4.7898E-02
2.2066E-01	7.9834E-02
8.3890E-02	2.5410E-02
1.1564E-02	0.0000E+00
1.7908E-02	1.8731E-02
5.9550E-01	6.2286E-01
2.1177E+00	2.2151E+00
3.1236E+00	3.2672E+00
1.5683E+00	1.6404E+00
4.0619E+00	4.2487E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
7.1324E+01	8.5756E+01
1.3941E+03	3.4222E+03
2.6888E+03	2.6224E+03
4.2504E+02	3.3375E+02
2.3976E-05	2.1804E-05
9.5537E-08	8.7529E-08
3.4348E+02	1.8856E+02
3.9629E+05	4.0407E+05
1.7731E-04	8.3692E-05
2.8408E+03	2.9918E+03
1.5085E+03	1.2987E+03
2.4049E+02	2.1846E+02
7.6850E+02	6.9885E+02

5.1484E-01	4.7168E-01
9.3482E-03	6.6572E-03
7.6670E+02	4.3385E+02
2.0598E+02	9.7227E+01
8.1888E-01	4.2402E-01
1.3979E+02	4.3821E+01
7.3278E-02	2.1094E-02
1.7228E+01	4.6191E+00
3.4950E+00	5.1018E-01
8.9918E-02	8.9324E-03
1.1800E-02	0.0000E+00
6.8030E+05	**6.8587E+05**
1.5686E-02	1.1447E-02
1.4934E-15	1.1053E-15
2.9510E-13	2.5649E-13
7.7576E-19	5.3051E-19
8.1206E+00	6.6906E+00
4.8871E-06	3.2453E-06
1.3641E-08	1.6622E-08
2.0422E-12	2.4885E-12
6.0773E+01	4.9280E+01
2.8967E+02	2.3489E+02
6.0007E-07	7.0800E-07
7.5508E-05	0.0000E+00
1.7318E-04	0.0000E+00
1.8685E-05	2.0068E-05
2.9897E-08	3.2111E-08
8.9052E-06	9.5643E-06
3.7709E-03	2.9555E-03
2.5483E-04	1.7545E-04
2.7071E-02	1.6884E-02
1.9936E-12	1.8484E-12
2.9119E-11	2.6997E-11
1.4809E+02	1.1443E+02
9.1718E-01	7.0866E-01
4.0939E-06	2.0236E-06
1.2007E-04	4.3981E-05
4.0080E-03	2.2308E-03
6.9115E-01	3.8468E-01
0.0000E+00	0.0000E+00
8.0727E-13	6.7703E-13
4.4994E-17	3.7736E-17
1.1188E-03	9.9594E-04
1.2858E-02	8.9742E-03
5.4344E-03	3.7928E-03
1.6859E-04	1.4891E-04

6.4777E-07	2.8405E-07
9.7962E-09	6.0214E-09
7.4144E+00	5.7820E+00
4.9500E-01	3.8602E-01
7.0708E-04	4.7802E-04
3.5563E-03	2.4042E-03
2.6519E-04	1.7928E-04
4.8651E-05	4.9804E-05
1.9955E-05	2.0427E-05
2.0792E-15	2.0222E-15
1.6728E-15	1.6269E-15
1.1436E-03	3.2383E-04
4.1013E+02	2.5424E+02
1.9219E-04	1.4510E-04
3.2387E+02	2.3821E+02
9.2792E+01	6.8248E+01
1.6735E-05	1.0581E-05
1.3009E-14	1.3444E-14
4.5808E+00	4.7568E+00
5.1256E+01	5.3227E+01
2.3122E-02	2.4013E-02
8.5241E+00	8.9509E+00
3.1439E-13	3.4677E-13
1.0789E-11	1.1900E-11
2.4442E-02	2.2546E-02
6.3989E-03	6.9313E-03
2.5412E-05	2.3533E-05
4.5936E+01	3.3839E+01
1.6823E+00	1.1843E+00
2.9037E-07	1.4320E-07
3.9935E-04	2.1625E-04
7.8940E-04	4.2746E-04
1.6021E-03	8.6755E-04
1.9290E-03	1.0446E-03
1.7890E-03	9.6870E-04
1.6170E-03	8.7564E-04
1.5423E-03	8.3521E-04
2.0746E-03	1.1396E-03
7.3476E-04	5.7693E-04
6.5415E-04	6.6700E-04
1.2773E-02	1.5358E-02
0.0000E+00	2.0252E-04
1.4376E-02	8.2786E-03
4.7027E-03	4.5866E-03
8.7635E-03	6.8812E-03
3.5766E-03	3.2525E-03
1.2258E-04	1.1231E-04

1.9491E+02	1.0700E+02
3.3695E-03	3.4357E-03
9.8732E-02	4.6605E-02
5.4771E+00	5.7684E+00
1.5519E-11	4.4673E-12
7.6441E-09	2.2004E-09
1.0661E+01	9.1780E+00
2.7506E+01	2.4987E+01
2.5321E+00	2.3027E+00
6.2440E-03	5.7209E-03
2.2335E-03	2.0464E-03
1.1403E+00	8.1206E-01
8.9544E-02	5.0670E-02
1.3243E+00	6.2511E-01
1.5158E+00	7.8492E-01
9.5093E-09	9.4464E-10
5.8674E-10	2.1951E-11
3.9552E+02	1.2399E+02
9.9066E-02	2.6562E-02
3.4908E-02	5.0956E-03
1.6242E-10	0.0000E+00
3.4369E-04	0.0000E+00
8.1110E-04	0.0000E+00
2.0961E+03	**1.3509E+03**

4.2_i32_w24-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.6_i128-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.2	4.6
32	128
24	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
4.8453E+02	2.8327E+02
3.8269E-01	2.2952E-01
3.7936E-12	2.6141E-12
6.0271E-02	4.7810E-02
1.2031E-09	9.9541E-10
1.2339E-16	8.1748E-17
5.4094E+03	4.6526E+03
3.0273E-04	1.9428E-04
3.9438E-06	5.0494E-06
3.8019E-10	4.8677E-10
5.2241E+04	4.4590E+04
5.2254E+04	4.4603E+04
1.6742E-04	2.0584E-04
4.3412E-01	3.1459E-01
1.5311E+00	1.2183E+00
3.9003E-03	4.2639E-03
2.0250E-05	2.2137E-05
1.7689E-03	1.9338E-03
1.8708E-06	1.1761E-06
1.1517E+01	9.1964E+00
5.4679E-02	0.0000E+00
6.4064E-02	4.0443E-02
2.1088E+00	1.2082E+00
8.6346E-09	7.7999E-09
8.7283E-09	7.8844E-09
1.5419E+04	1.1087E+04
1.5419E+04	1.1087E+04
1.3552E-01	7.7343E-02
1.1025E-03	4.6024E-04
2.3370E-01	6.4900E-02
2.3370E-01	6.4900E-02
5.6122E-01	2.6294E-01
4.1267E+01	1.9334E+01
2.2158E-01	1.5593E-01
2.1362E-10	1.6751E-10
2.2697E-14	1.7797E-14

2.1540E+00	1.8238E+00
1.8776E+01	1.2286E+01
2.4194E+01	1.5832E+01
5.3605E-02	4.4955E-02
4.4603E-04	1.4556E-04
7.4342E-07	3.8843E-07
2.3465E+03	1.7379E+03
5.7460E+02	4.2555E+02
3.8303E-02	2.4496E-02
2.7359E-01	1.7497E-01
2.7359E-01	1.7497E-01
3.6296E-02	3.4080E-02
3.7056E-02	3.4793E-02
2.6847E-02	1.8203E-02
5.7869E-13	5.3970E-13
9.1722E-13	8.5545E-13
4.2266E-01	9.8001E-02
4.0352E+04	2.3240E+04
4.3562E-01	3.0920E-01
8.2584E+04	6.0892E+04
8.7208E+04	6.4302E+04
1.4406E-02	8.3217E-03
8.8955E-12	9.2686E-12
6.9898E+03	7.4100E+03
6.9898E+03	7.4100E+03
6.6739E+01	7.0748E+01
2.9900E-01	2.0024E-01
5.0208E-02	4.8413E-02
2.3310E+04	2.5715E+04
4.1679E-11	4.1139E-11
8.6332E-10	8.5215E-10
2.1293E+02	1.7179E+02
8.7534E-01	7.4325E-01
3.0508E-02	2.3281E-02
5.2034E+03	3.3267E+03
2.3007E+03	1.5212E+03
3.5673E-05	1.4264E-05
4.5254E-05	0.0000E+00
1.7109E-02	0.0000E+00
4.7604E-02	2.2537E-02
4.7604E-02	2.2537E-02
3.0496E-02	1.4437E-02
4.7604E-02	2.2537E-02
4.7604E-02	2.2537E-02
4.7604E-02	2.2537E-02
4.7586E-02	2.2529E-02
0.0000E+00	0.0000E+00

6.5318E-02	3.1171E-02
3.0188E-01	2.2507E-01
1.3314E-01	1.3583E-01
1.3314E-01	1.3583E-01
4.4502E-01	6.1178E-01
0.0000E+00	0.0000E+00
4.1708E-01	2.0314E-01
1.7446E-01	1.8218E-01
3.0188E-01	2.2507E-01
2.0035E+00	1.5563E+00
2.6049E-02	1.8124E-02
5.9726E+03	2.7877E+03
1.3314E-01	1.3583E-01
4.1147E+01	1.6499E+01
1.8065E+02	1.6357E+02
1.5961E-09	3.3377E-10
1.3300E-06	2.7814E-07
3.4528E+02	2.7290E+02
8.4577E+02	6.5366E+02
8.1668E+04	6.3439E+04
5.6492E+00	3.9304E+00
5.6751E+00	3.9485E+00
3.1681E+01	1.8930E+01
3.0245E+00	1.5855E+00
4.1147E+01	1.6499E+01
4.2522E+01	1.6710E+01
8.4361E-06	4.5474E-07
9.1692E-08	1.1649E-09
1.1356E+04	2.6467E+03
9.8762E-08	0.0000E+00
3.0440E+00	4.9232E-01
1.0689E+00	1.0027E-01
2.3125E-08	0.0000E+00
5.0002E+05	**3.8264E+05**
7.0506E+03	8.2914E+03
1.6217E+00	1.9062E+00
5.0362E-02	2.9442E-02
1.7446E-02	1.0343E-02
3.0555E+01	4.6407E+00
4.2159E+01	0.0000E+00
6.9595E+00	8.1844E+00
2.6404E+02	3.6221E+01
7.5636E+01	1.7552E-02
8.6473E+00	5.0754E+00
8.5444E-02	5.1242E-02
1.1639E+05	1.2466E+05

4.6710E+01	5.0596E+01
3.2895E-02	0.0000E+00
5.3882E-02	0.0000E+00
1.7576E+03	0.0000E+00
1.9332E+00	0.0000E+00
5.0138E+00	4.9016E+00
1.0055E+02	9.8300E+01
1.1621E+01	1.1361E+01
2.9472E+00	2.8813E+00
1.4242E+01	1.3924E+01
2.3184E+02	2.2666E+02
5.4498E+00	5.3280E+00
7.3801E-01	7.2151E-01
1.0510E-02	0.0000E+00
2.1285E-02	1.4374E-02
5.4758E-02	3.6989E-02
1.1781E-01	8.7881E-02
3.1171E-01	2.3546E-01
8.7776E-03	0.0000E+00
6.8864E-01	5.4481E-01
2.1083E+00	1.5792E+00
3.9249E+00	3.1136E+00
1.1558E+01	8.9588E+00
1.8341E+01	1.4415E+01
9.6466E-01	4.5879E-01
2.9313E+01	2.2868E+01
2.7766E+01	2.6234E+01
1.0083E+02	7.7048E+01
1.3819E+01	1.1887E+01
8.8827E+01	7.2754E+01
1.5365E+02	1.2695E+02
1.0038E+00	4.6301E-01
2.0102E+02	1.6672E+02
2.0601E-02	9.2277E-03
2.7885E+02	2.3233E+02
1.3569E-10	1.7373E-10
3.7014E+02	3.0981E+02
3.7823E+02	3.2284E+02
9.5942E-02	8.1893E-02
5.9959E+04	5.8555E+04
6.8200E-09	8.3846E-09
1.3694E+04	1.3303E+04
2.0953E+04	2.0374E+04
6.0878E+02	4.8440E+02
5.8423E-02	2.5505E-02
2.1805E+04	2.1164E+04
6.3813E+02	5.1242E+02

9.9194E-08	1.0844E-07
8.2328E-08	9.0002E-08
7.1245E+01	3.2736E+01
4.2010E+03	3.9480E+03
7.3308E+02	5.5110E+02
7.7959E+02	5.6971E+02
4.8066E-02	2.4397E-02
4.9848E-02	3.3286E-02
6.7263E+02	5.3711E+02
8.8158E+02	6.4244E+02
1.8091E+02	8.6517E+01
7.0536E+02	5.2650E+02
8.3354E+02	5.5704E+02
3.5896E+02	2.9912E+02
2.6997E-13	2.4387E-13
3.7253E+02	1.8118E+02
6.0997E+02	3.8203E+02
4.2863E+02	2.6538E+02
4.7190E+02	2.5628E+02
4.6495E+00	3.3433E+00
2.6341E+02	1.5033E+02
1.8448E+02	1.0078E+02
7.9966E+01	4.9817E+01
8.6750E-03	4.0645E-03
8.3745E+01	3.0674E+01
6.3215E+01	3.3790E+01
3.1961E+01	1.6656E+01
1.6304E+01	8.6935E+00
1.5928E+01	1.5572E+01
8.0656E-02	6.4658E-02
1.8006E+01	1.0420E+01
1.1031E+01	1.0784E+01
1.0526E+00	9.9088E-01
6.0091E+00	5.7776E+00
6.1622E+00	3.8564E+00
2.5241E+02	2.4452E+02
1.3731E+02	1.3231E+02
4.2435E+02	4.1300E+02
1.5499E+02	1.4981E+02
5.7847E+02	5.6373E+02
4.7067E+00	3.1642E+00
3.5920E-01	2.3505E-01
8.9439E+01	8.5184E+01
6.7276E-01	2.6945E-01
6.2876E+00	4.1472E+00
9.8890E-03	0.0000E+00
1.1548E+02	1.0953E+02

5.6540E-01	2.1320E-01
2.2616E+00	1.6750E+00
1.0826E+01	6.8407E+00
3.1549E-02	2.3366E-02
2.2162E+01	1.4173E+01
1.0991E+00	5.8054E-01
4.4119E+01	3.0613E+01
3.9255E-06	3.6858E-06
9.5273E+01	6.4236E+01
6.7289E+00	2.6277E+00
1.5198E+02	1.0305E+02
3.0424E-17	2.8375E-17
9.2594E-02	2.3335E-02
3.6654E+02	2.6116E+02
1.1985E+01	5.2532E+00
2.9760E+02	2.7051E+02
1.1722E+03	7.7849E+02
9.2607E+02	7.5090E+02
2.4298E+02	1.2019E+02
3.1214E+01	1.7978E+01
1.4223E+03	1.0443E+03
1.3050E+00	2.9822E-01
3.7808E+02	2.6836E+02
3.6747E+01	1.6843E+01
2.1899E+03	1.5716E+03
1.8835E+02	1.2530E+02
1.0046E+03	7.4070E+02
1.2075E+03	8.9439E+02
8.7648E-02	4.3583E-02
1.1153E+03	8.3556E+02
1.1354E+03	8.3798E+02
3.1206E-16	3.2515E-16
1.0079E+03	7.6226E+02
1.0286E+03	7.7273E+02
3.7187E+01	1.7464E+01
5.5422E+02	5.0860E+02
2.1949E+00	2.3268E+00
1.3412E+03	9.4208E+02
5.4591E+02	4.4964E+02
7.0888E+02	4.8994E+02
9.3588E-03	0.0000E+00
2.5130E+01	2.7723E+01
1.2340E+02	1.2537E+02
3.4822E+02	2.5456E+02
2.5344E-16	2.5016E-16
4.0382E-14	3.9859E-14
1.8533E+02	1.0826E+02

1.9070E+00	1.8315E+00
1.7723E+02	1.2197E+02
2.7481E+02	2.0036E+02
3.2483E-01	2.6261E-01
8.0898E+00	6.5270E+00
1.9867E-02	1.6169E-02
7.2257E+01	6.4046E+01
1.0590E+02	7.8764E+01
1.9269E+01	1.2319E+01
1.3764E+01	7.9398E+00
4.2251E+01	2.5639E+01
4.7388E+00	3.1332E+00
5.1665E+00	3.4099E+00
1.6996E+02	7.1390E+01
1.6036E-01	8.0524E-02
3.5134E+01	1.4283E+01
3.6821E+00	1.7634E+00
5.7213E-01	2.0416E-01
1.4277E+00	7.5434E-01
5.3711E-01	2.5404E-01
4.0012E-01	1.8849E-01
3.5105E-01	1.4479E-01
9.9735E-02	3.5977E-02
2.2001E-01	6.7294E-02
8.3987E-02	2.0051E-02
1.1592E-02	0.0000E+00
1.8731E-02	1.8313E-02
6.2286E-01	6.0896E-01
2.2151E+00	2.1656E+00
3.2672E+00	3.1941E+00
1.6404E+00	1.6037E+00
4.2487E+00	4.1537E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
7.1522E+01	9.8322E+01
1.4538E+03	3.7594E+03
2.6978E+03	2.8171E+03
4.2915E+02	3.1997E+02
2.4550E-05	1.9071E-05
1.0054E-07	6.9951E-08
3.4878E+02	1.6279E+02
3.9611E+05	4.0410E+05
1.7748E-04	7.1161E-05
2.9123E+03	2.6371E+03
1.5211E+03	1.2023E+03
2.4671E+02	1.9067E+02
7.8690E+02	6.1129E+02

5.4177E-01	3.7696E-01
9.5691E-03	5.7178E-03
7.6485E+02	4.0095E+02
2.0618E+02	8.2672E+01
8.4128E-01	3.3060E-01
1.4040E+02	3.2722E+01
7.3731E-02	1.5419E-02
1.7736E+01	2.8685E+00
3.5020E+00	3.2852E-01
9.0952E-02	0.0000E+00
1.1919E-02	0.0000E+00
6.8588E+05	**6.9046E+05**
1.6344E-02	9.5550E-03
1.4879E-15	1.0253E-15
2.9446E-13	2.4363E-13
7.6965E-19	5.0992E-19
8.1074E+00	6.9736E+00
4.8484E-06	3.1115E-06
1.3685E-08	1.7521E-08
2.0487E-12	2.6230E-12
6.0636E+01	5.1757E+01
2.8901E+02	2.4669E+02
6.0161E-07	7.3968E-07
7.5381E-05	0.0000E+00
1.7292E-04	0.0000E+00
1.8705E-05	2.0449E-05
2.9930E-08	3.2720E-08
8.9148E-06	9.7456E-06
3.7690E-03	3.0094E-03
2.5456E-04	1.6071E-04
2.7058E-02	1.5503E-02
1.9917E-12	1.7991E-12
2.9091E-11	2.6279E-11
1.4803E+02	1.0644E+02
9.1678E-01	6.5921E-01
4.0945E-06	1.7093E-06
1.2056E-04	3.3480E-05
4.0213E-03	1.8840E-03
6.9344E-01	3.2490E-01
0.0000E+00	0.0000E+00
8.0709E-13	6.3290E-13
4.4986E-17	3.5276E-17
1.1184E-03	9.4697E-04
1.2892E-02	8.4357E-03
5.4481E-03	3.5651E-03
1.6844E-04	1.4126E-04

6.5789E-07	2.1470E-07
9.8503E-09	5.1467E-09
7.4215E+00	5.4965E+00
4.9548E-01	3.6695E-01
7.0853E-04	4.5316E-04
3.5637E-03	2.2791E-03
2.6574E-04	1.6995E-04
4.9372E-05	4.6358E-05
2.0250E-05	1.9013E-05
2.0880E-15	1.9474E-15
1.6798E-15	1.5667E-15
1.1455E-03	0.0000E+00
4.1108E+02	2.3676E+02
1.9549E-04	0.0000E+00
3.2380E+02	2.3875E+02
9.2770E+01	6.8402E+01
1.6716E-05	9.6567E-06
1.3016E-14	1.3562E-14
4.5826E+00	4.8580E+00
5.1273E+01	5.4358E+01
2.3131E-02	2.4521E-02
8.5373E+00	9.4182E+00
3.2213E-13	3.1796E-13
1.1055E-11	1.0912E-11
2.5014E-02	2.0181E-02
6.7346E-03	5.7182E-03
2.6629E-05	0.0000E+00
4.6750E+01	2.9887E+01
1.6918E+00	1.1185E+00
2.9238E-07	1.1691E-07
4.0334E-04	1.9095E-04
7.9728E-04	3.7744E-04
1.6181E-03	7.6604E-04
1.9483E-03	9.2237E-04
1.8068E-03	8.5536E-04
1.6331E-03	7.7317E-04
1.5577E-03	7.3748E-04
2.0951E-03	9.9981E-04
7.4188E-04	5.5312E-04
6.5384E-04	6.6700E-04
1.2808E-02	1.7608E-02
0.0000E+00	2.2247E-04
1.4517E-02	7.0708E-03
4.7181E-03	4.9271E-03
8.8484E-03	6.5974E-03
3.6623E-03	2.8449E-03
1.2899E-04	8.9751E-05

1.9792E+02	9.2378E+01
3.3680E-03	3.4359E-03
9.8828E-02	3.9626E-02
5.6148E+00	5.0842E+00
1.5615E-11	3.2655E-12
7.6912E-09	1.6085E-09
1.0751E+01	8.4968E+00
2.8218E+01	2.1808E+01
2.5928E+00	2.0141E+00
6.5710E-03	4.5720E-03
2.3504E-03	1.6353E-03
1.1673E+00	6.9744E-01
8.9329E-02	4.6825E-02
1.3256E+00	5.3152E-01
1.5573E+00	6.1195E-01
9.6184E-09	5.1845E-10
6.1103E-10	7.7625E-12
3.9725E+02	9.2585E+01
1.0199E-01	1.6494E-02
3.4977E-02	3.2812E-03
1.6320E-10	0.0000E+00
3.4896E-04	0.0000E+00
8.1369E-04	0.0000E+00
2.1027E+03	**1.2867E+03**

4.6_i128-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.6_i32-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.6	4.6
128	32
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
4.0710E+02	2.9389E+02
3.4706E-01	2.4353E-01
3.6252E-12	2.7200E-12
6.0570E-02	4.7960E-02
1.1806E-09	1.0026E-09
1.2201E-16	8.6165E-17
5.6219E+03	4.6165E+03
2.9881E-04	2.0532E-04
4.0579E-06	5.0288E-06
3.9119E-10	4.8475E-10
5.4754E+04	4.4163E+04
5.4767E+04	4.4172E+04
1.7131E-04	2.0524E-04
4.4528E-01	3.1346E-01
1.5764E+00	1.2107E+00
3.9347E-03	4.2592E-03
2.0428E-05	2.2113E-05
1.7845E-03	1.9317E-03
1.7985E-06	1.2465E-06
1.1727E+01	9.1450E+00
5.0543E-02	0.0000E+00
6.0214E-02	4.2966E-02
1.9878E+00	1.2816E+00
8.5250E-09	7.8324E-09
8.6174E-09	7.9178E-09
1.4795E+04	1.1214E+04
1.4795E+04	1.1214E+04
1.2786E-01	7.8346E-02
9.8243E-04	4.9478E-04
1.9076E-01	7.2807E-02
1.9076E-01	7.2807E-02
5.0217E-01	2.7469E-01
3.6923E+01	2.0198E+01
1.7522E-01	1.7848E-01
2.0217E-10	1.7236E-10
2.1479E-14	1.8312E-14

2.0764E+00	1.8674E+00
1.7846E+01	1.2594E+01
2.2996E+01	1.6228E+01
5.2193E-02	4.5417E-02
3.5242E-04	1.6811E-04
6.5947E-07	4.1811E-07
2.2587E+03	1.7702E+03
5.5308E+02	4.3346E+02
3.6652E-02	2.4901E-02
2.6180E-01	1.7787E-01
2.6180E-01	1.7787E-01
3.3029E-02	3.5985E-02
3.3720E-02	3.6738E-02
2.5929E-02	1.8433E-02
5.5682E-13	5.5062E-13
8.8255E-13	8.7278E-13
3.6237E-01	1.0959E-01
3.8407E+04	2.3969E+04
4.1240E-01	3.2725E-01
8.2720E+04	6.0861E+04
8.7353E+04	6.4271E+04
1.3341E-02	8.9861E-03
8.9254E-12	9.2660E-12
7.0888E+03	7.3858E+03
7.0888E+03	7.3858E+03
6.7685E+01	7.0519E+01
2.9493E-01	2.1015E-01
4.7300E-02	5.1845E-02
2.4089E+04	2.5383E+04
3.6805E-11	4.4818E-11
7.6239E-10	9.2836E-10
1.8451E+02	1.8941E+02
6.5397E-01	9.0772E-01
2.4145E-02	2.7149E-02
4.6046E+03	3.5980E+03
2.2017E+03	1.5552E+03
3.0116E-05	1.5341E-05
0.0000E+00	0.0000E+00
1.5696E-02	0.0000E+00
4.3671E-02	2.5093E-02
4.3671E-02	2.5093E-02
2.7976E-02	1.6075E-02
4.3671E-02	2.5093E-02
4.3671E-02	2.5093E-02
4.3671E-02	2.5093E-02
4.3654E-02	2.5084E-02
0.0000E+00	8.6852E-03

5.9633E-02	3.4808E-02
2.9646E-01	2.3538E-01
1.3328E-01	1.3561E-01
1.3328E-01	1.3561E-01
4.9623E-01	6.0658E-01
0.0000E+00	0.0000E+00
3.7285E-01	2.2964E-01
1.8982E-01	1.8308E-01
2.9646E-01	2.3538E-01
1.7265E+00	1.6779E+00
1.9657E-02	2.1147E-02
5.3403E+03	3.0214E+03
1.3328E-01	1.3561E-01
3.8130E+01	1.6855E+01
1.5503E+02	1.7968E+02
1.3023E-09	3.6476E-10
1.0852E-06	3.0397E-07
3.2065E+02	2.8209E+02
7.2437E+02	7.0677E+02
7.0378E+04	6.8398E+04
4.2628E+00	4.5861E+00
4.2824E+00	4.6072E+00
2.7626E+01	2.0185E+01
2.9379E+00	1.5558E+00
3.8130E+01	1.6855E+01
3.4552E+01	1.8454E+01
5.4996E-06	5.5308E-07
3.9169E-08	1.8296E-09
9.5335E+03	2.8643E+03
4.8479E-08	0.0000E+00
2.0919E+00	5.9994E-01
8.0370E-01	1.1214E-01
0.0000E+00	0.0000E+00
4.8846E+05	**3.8815E+05**
8.2914E+03	7.3625E+03
1.9063E+00	1.6927E+00
4.2312E-02	3.0546E-02
1.4586E-02	1.0813E-02
6.8530E+00	7.7920E+00
0.0000E+00	7.1839E+00
8.1844E+00	7.2679E+00
3.6221E+01	4.2423E+01
2.6731E-02	1.9166E-02
7.5759E+00	5.5070E+00
7.7488E-02	5.4371E-02
1.2465E+05	1.1730E+05

5.0657E+01	4.7630E+01
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
4.9016E+00	4.3526E+00
9.8300E+01	8.7287E+01
1.1361E+01	1.0088E+01
2.8813E+00	2.5585E+00
1.3924E+01	1.2364E+01
2.2666E+02	2.0126E+02
5.3280E+00	4.7313E+00
7.2151E-01	6.4068E-01
9.8102E-03	6.7729E-03
2.0346E-02	1.4773E-02
5.2963E-02	3.7697E-02
1.1765E-01	8.8414E-02
3.1366E-01	2.3668E-01
7.7251E-03	0.0000E+00
6.9309E-01	5.4732E-01
2.1379E+00	1.5766E+00
3.9444E+00	3.1231E+00
1.1876E+01	8.9021E+00
1.8785E+01	1.4322E+01
8.8488E-01	4.8836E-01
2.9984E+01	2.2767E+01
2.7959E+01	2.6429E+01
1.0477E+02	7.6287E+01
1.4362E+01	1.1794E+01
9.2646E+01	7.2112E+01
1.6026E+02	1.2592E+02
9.1876E-01	4.9949E-01
2.0994E+02	1.6528E+02
1.9123E-02	9.9387E-03
2.9184E+02	2.3019E+02
1.3961E-10	1.7301E-10
3.8768E+02	3.0694E+02
3.9643E+02	3.1975E+02
1.0056E-01	8.1110E-02
5.8582E+04	5.2048E+04
6.9780E-09	8.3604E-09
1.3409E+04	1.1864E+04
2.0500E+04	1.8153E+04
6.2682E+02	4.8140E+02
5.5163E-02	2.7232E-02
2.1331E+04	1.8865E+04
6.5490E+02	5.0912E+02

1.0007E-07	1.0832E-07
8.3054E-08	8.9905E-08
6.7918E+01	3.3935E+01
4.1319E+03	3.5686E+03
7.4083E+02	5.4982E+02
7.8210E+02	5.6976E+02
4.6178E-02	2.5812E-02
4.9355E-02	3.3406E-02
6.8490E+02	5.3407E+02
8.8330E+02	6.4227E+02
1.7087E+02	8.9434E+01
7.1060E+02	5.2483E+02
8.1536E+02	5.6157E+02
3.5441E+02	2.9968E+02
2.6654E-13	2.4490E-13
3.5614E+02	1.8458E+02
5.8516E+02	3.8637E+02
4.0579E+02	2.6998E+02
4.4158E+02	2.6040E+02
4.4612E+00	3.3815E+00
2.4852E+02	1.5228E+02
1.7201E+02	1.0243E+02
7.5856E+01	5.0340E+01
7.7620E-03	4.2460E-03
7.2622E+01	3.2307E+01
5.8802E+01	3.4344E+01
2.9529E+01	1.6975E+01
1.4981E+01	8.9360E+00
1.5572E+01	1.3827E+01
6.5256E-02	7.3396E-02
1.6852E+01	1.0673E+01
1.0784E+01	9.5762E+00
1.0549E+00	9.8089E-01
5.8608E+00	5.1564E+00
5.8225E+00	3.9599E+00
2.4648E+02	2.1757E+02
1.3406E+02	1.1798E+02
4.1466E+02	3.6722E+02
1.5137E+02	1.3350E+02
5.6536E+02	5.0107E+02
4.5118E+00	3.2459E+00
3.4140E-01	2.4093E-01
8.7239E+01	7.6234E+01
5.8071E-01	2.9278E-01
5.9990E+00	4.2599E+00
7.8773E-03	0.0000E+00
1.1267E+02	9.8155E+01

4.8096E-01	2.3256E-01
2.1770E+00	1.7061E+00
1.0357E+01	6.9749E+00
3.0369E-02	2.3800E-02
2.1207E+01	1.4407E+01
1.0029E+00	6.0386E-01
4.3147E+01	3.0831E+01
3.5722E-06	3.8919E-06
9.3232E+01	6.4583E+01
5.7776E+00	2.8610E+00
1.4678E+02	1.0435E+02
2.9275E-17	2.8950E-17
7.6930E-02	2.5861E-02
3.6468E+02	2.6154E+02
1.1914E+01	5.1656E+00
3.0628E+02	2.6752E+02
1.1558E+03	7.8342E+02
9.4389E+02	7.4637E+02
2.2899E+02	1.2433E+02
2.9709E+01	1.8541E+01
1.4297E+03	1.0429E+03
1.1051E+00	3.2866E-01
3.5793E+02	2.8402E+02
3.2725E+01	1.8247E+01
2.2094E+03	1.5554E+03
1.8865E+02	1.2525E+02
1.0062E+03	7.4034E+02
1.2177E+03	8.9236E+02
8.2452E-02	4.6310E-02
1.1247E+03	8.3402E+02
1.1469E+03	8.3587E+02
3.1310E-16	3.2505E-16
1.0179E+03	7.6067E+02
1.0409E+03	7.7057E+02
3.7554E+01	1.7311E+01
5.3605E+02	5.1990E+02
2.2260E+00	2.3192E+00
1.3940E+03	9.2475E+02
5.5964E+02	4.4660E+02
7.1016E+02	4.9100E+02
9.2831E-03	0.0000E+00
2.5969E+01	2.7365E+01
1.3103E+02	1.2273E+02
3.4921E+02	2.5443E+02
2.2381E-16	2.7253E-16
3.5660E-14	4.3423E-14
1.8079E+02	1.1105E+02

1.7137E+00	1.9789E+00
1.7437E+02	1.2262E+02
2.7049E+02	2.0179E+02
2.8086E-01	2.9002E-01
7.0101E+00	7.1962E+00
1.6602E-02	1.8172E-02
7.6666E+01	6.1763E+01
1.0548E+02	7.8993E+01
1.7052E+01	1.3324E+01
1.2165E+01	8.5840E+00
4.0233E+01	2.6013E+01
4.5346E+00	3.2032E+00
4.9293E+00	3.4937E+00
1.6408E+02	7.1777E+01
1.2302E-01	9.4631E-02
3.1343E+01	1.4834E+01
3.3114E+00	1.8120E+00
4.8484E-01	2.1913E-01
1.3219E+00	7.6855E-01
4.4761E-01	2.7079E-01
3.6268E-01	1.9209E-01
3.1442E-01	1.4856E-01
7.4514E-02	4.1461E-02
1.9386E-01	6.8970E-02
6.8675E-02	2.1434E-02
9.5568E-03	0.0000E+00
1.8313E-02	1.6261E-02
6.0896E-01	5.4072E-01
2.1656E+00	1.9230E+00
3.1941E+00	2.8363E+00
1.6037E+00	1.4240E+00
4.1537E+00	3.6883E+00
0.0000E+00	2.0046E-03
0.0000E+00	0.0000E+00
7.9754E+01	9.7486E+01
1.4801E+03	4.0188E+03
2.9353E+03	2.8310E+03
4.2145E+02	3.3462E+02
2.1157E-05	2.0562E-05
7.5865E-08	8.1616E-08
3.1185E+02	1.7644E+02
3.9651E+05	4.0345E+05
1.6446E-04	7.2701E-05
2.4994E+03	2.8968E+03
1.4127E+03	1.2428E+03
2.1129E+02	2.0617E+02
6.7813E+02	6.5908E+02

4.0884E-01	4.3983E-01
8.3446E-03	6.0971E-03
7.4298E+02	3.9343E+02
1.9106E+02	8.4454E+01
6.8358E-01	3.6510E-01
1.1787E+02	3.5413E+01
6.0161E-02	1.6850E-02
1.2189E+01	3.4957E+00
2.6332E+00	3.6739E-01
5.9290E-02	0.0000E+00
7.2107E-03	0.0000E+00
6.9047E+05	**6.6912E+05**
1.3732E-02	9.9132E-03
1.4219E-15	1.0668E-15
2.8895E-13	2.4540E-13
7.6102E-19	5.3746E-19
8.4256E+00	6.9194E+00
4.7859E-06	3.2883E-06
1.4081E-08	1.7449E-08
2.1080E-12	2.6123E-12
6.3554E+01	5.1260E+01
3.0291E+02	2.4432E+02
6.1556E-07	7.3753E-07
7.7317E-05	0.0000E+00
1.7804E-04	0.0000E+00
1.8870E-05	2.0427E-05
3.0193E-08	3.2684E-08
8.9932E-06	9.7350E-06
3.8376E-03	2.9926E-03
2.3927E-04	1.7073E-04
2.5505E-02	1.6444E-02
1.9664E-12	1.8067E-12
2.8722E-11	2.6389E-11
1.4204E+02	1.0766E+02
8.7969E-01	6.6678E-01
3.6486E-06	1.8374E-06
9.8410E-05	3.7560E-05
3.5981E-03	1.9682E-03
6.2044E-01	3.3941E-01
0.0000E+00	0.0000E+00
7.6384E-13	6.5120E-13
4.2574E-17	3.6297E-17
1.0781E-03	9.6963E-04
1.2253E-02	8.6469E-03
5.1784E-03	3.6544E-03
1.6401E-04	1.4271E-04

5.1982E-07	2.4796E-07
8.7375E-09	5.5400E-09
7.1438E+00	5.5986E+00
4.7692E-01	3.7377E-01
6.7800E-04	4.6064E-04
3.4102E-03	2.3168E-03
2.5429E-04	1.7276E-04
4.4928E-05	4.8950E-05
1.8427E-05	2.0076E-05
2.0091E-15	1.9868E-15
1.6164E-15	1.5984E-15
9.8212E-04	2.9701E-04
3.9126E+02	2.4418E+02
1.8506E-04	1.4685E-04
3.2434E+02	2.3863E+02
9.2924E+01	6.8367E+01
1.5481E-05	1.0428E-05
1.3060E-14	1.3558E-14
4.6473E+00	4.8418E+00
5.1999E+01	5.4177E+01
2.3458E-02	2.4441E-02
8.8224E+00	9.2963E+00
2.8446E-13	3.4639E-13
9.7618E-12	1.1887E-11
2.1676E-02	2.2250E-02
5.0314E-03	6.9837E-03
0.0000E+00	2.3697E-05
4.1369E+01	3.2324E+01
1.6189E+00	1.1436E+00
2.4684E-07	1.2574E-07
3.7000E-04	2.1260E-04
7.3137E-04	4.2024E-04
1.4844E-03	8.5290E-04
1.7873E-03	1.0270E-03
1.6575E-03	9.5238E-04
1.4982E-03	8.6086E-04
1.4290E-03	8.2113E-04
1.9127E-03	1.1165E-03
7.2855E-04	5.7847E-04
6.5450E-04	6.6594E-04
1.4283E-02	1.7458E-02
0.0000E+00	2.3782E-04
1.2978E-02	7.9930E-03
5.1335E-03	4.9513E-03
8.6896E-03	6.8992E-03
3.1560E-03	3.0673E-03
9.7341E-05	1.0472E-04

1.7696E+02	1.0012E+02
3.3714E-03	3.4304E-03
9.1582E-02	4.0482E-02
4.8189E+00	5.5849E+00
1.2741E-11	3.5687E-12
6.2757E-09	1.7578E-09
9.9836E+00	8.7833E+00
2.4167E+01	2.3581E+01
2.2344E+00	2.1715E+00
4.9584E-03	5.3346E-03
1.7737E-03	1.9081E-03
1.0179E+00	7.4369E-01
8.6772E-02	4.5949E-02
1.2283E+00	5.4300E-01
1.2654E+00	6.7584E-01
6.2700E-09	6.3061E-10
2.6101E-10	1.2192E-11
3.3350E+02	1.0020E+02
7.0088E-02	2.0101E-02
2.6301E-02	3.6695E-03
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
4.3892E-04	0.0000E+00
1.9987E+03	**1.3128E+03**

4.6_i32-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.6_i32_w16-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.6	4.6
32	32
0	16
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
4.2175E+02	3.2151E+02
3.6417E-01	2.4787E-01
3.7356E-12	2.7197E-12
6.1112E-02	4.7986E-02
1.1757E-09	1.0041E-09
1.2694E-16	8.5210E-17
5.5955E+03	4.5901E+03
3.1163E-04	2.0311E-04
4.1006E-06	5.0244E-06
3.9530E-10	4.8435E-10
5.4393E+04	4.3853E+04
5.4406E+04	4.3864E+04
1.7289E-04	2.0508E-04
4.4414E-01	3.1207E-01
1.5693E+00	1.2051E+00
3.9506E-03	4.2581E-03
2.0511E-05	2.2107E-05
1.7917E-03	1.9312E-03
1.8783E-06	1.2388E-06
1.1676E+01	9.1230E+00
5.3561E-02	0.0000E+00
6.3364E-02	4.3060E-02
2.0872E+00	1.2865E+00
8.5140E-09	7.8377E-09
8.6068E-09	7.9226E-09
1.4798E+04	1.1288E+04
1.4798E+04	1.1288E+04
1.2809E-01	7.9235E-02
1.0353E-03	5.0191E-04
2.0768E-01	7.4870E-02
2.0768E-01	7.4870E-02
5.1286E-01	2.8016E-01
3.7710E+01	2.0600E+01
2.0500E-01	1.8902E-01
2.0676E-10	1.7289E-10
2.1968E-14	1.8369E-14

2.1136E+00	1.8741E+00
1.8221E+01	1.2705E+01
2.3479E+01	1.6371E+01
5.2202E-02	4.5575E-02
3.9859E-04	1.7557E-04
6.9749E-07	4.2646E-07
2.2893E+03	1.7807E+03
5.6060E+02	4.3604E+02
3.7125E-02	2.5087E-02
2.6518E-01	1.7919E-01
2.6518E-01	1.7919E-01
3.5436E-02	3.6838E-02
3.6178E-02	3.7609E-02
2.6272E-02	1.8557E-02
5.6998E-13	5.5466E-13
9.0341E-13	8.7912E-13
3.9655E-01	1.1157E-01
3.9227E+04	2.4154E+04
4.3776E-01	3.3833E-01
8.2702E+04	6.0817E+04
8.7336E+04	6.4222E+04
1.4318E-02	8.9936E-03
8.9452E-12	9.2660E-12
7.0932E+03	7.3722E+03
7.0937E+03	7.3726E+03
6.7725E+01	7.0391E+01
3.0700E-01	2.0921E-01
5.1762E-02	5.2254E-02
2.4068E+04	2.5300E+04
4.1027E-11	4.6526E-11
8.4982E-10	9.6373E-10
2.0653E+02	1.9733E+02
8.3934E-01	9.8987E-01
2.9941E-02	2.9109E-02
5.0112E+03	3.7063E+03
2.2558E+03	1.5677E+03
3.1984E-05	1.5723E-05
0.0000E+00	0.0000E+00
1.7292E-02	0.0000E+00
4.8114E-02	2.5785E-02
4.8114E-02	2.5785E-02
3.0821E-02	1.6518E-02
4.8114E-02	2.5785E-02
4.8114E-02	2.5785E-02
4.8114E-02	2.5785E-02
4.8092E-02	2.5775E-02
0.0000E+00	9.0411E-03

6.5850E-02	3.5772E-02
3.0895E-01	2.4009E-01
1.3303E-01	1.3549E-01
1.3303E-01	1.3549E-01
4.9966E-01	6.0416E-01
0.0000E+00	0.0000E+00
4.1594E-01	2.3622E-01
1.9140E-01	1.8361E-01
3.0895E-01	2.4009E-01
1.9071E+00	1.7474E+00
2.4373E-02	2.2949E-02
5.7688E+03	3.1243E+03
1.3303E-01	1.3549E-01
3.7765E+01	1.7138E+01
1.7330E+02	1.8771E+02
1.3596E-09	3.7796E-10
1.1330E-06	3.1497E-07
3.3551E+02	2.8650E+02
8.0546E+02	7.3779E+02
7.7744E+04	7.1227E+04
5.2857E+00	4.9768E+00
5.3099E+00	4.9997E+00
3.0007E+01	2.1064E+01
2.8521E+00	1.5623E+00
3.7765E+01	1.7138E+01
3.8643E+01	1.9426E+01
6.2524E-06	5.8815E-07
5.7521E-08	2.0775E-09
9.8239E+03	2.9583E+03
6.4574E-08	0.0000E+00
2.4758E+00	6.4508E-01
8.4744E-01	1.1628E-01
0.0000E+00	0.0000E+00
4.9724E+05	**3.9088E+05**
7.3625E+03	7.1548E+03
1.6929E+00	1.6451E+00
4.3836E-02	3.3417E-02
1.5226E-02	1.1827E-02
1.0109E+01	2.1267E+01
7.1826E+00	3.0506E+01
7.2675E+00	7.0642E+00
4.2423E+01	1.9017E+02
2.8936E-02	5.0424E+01
8.1602E+00	5.6817E+00
8.1308E-02	5.5343E-02
1.1730E+05	1.1670E+05

4.7692E+01	4.6970E+01
0.0000E+00	1.4253E-02
0.0000E+00	2.3335E-02
0.0000E+00	1.1722E+03
0.0000E+00	7.7986E-01
4.3526E+00	4.7934E+00
8.7287E+01	9.6127E+01
1.0088E+01	1.1110E+01
2.5585E+00	2.8177E+00
1.2364E+01	1.3616E+01
2.0126E+02	2.2165E+02
4.7313E+00	5.2105E+00
6.4068E-01	7.0558E-01
1.0136E-02	6.8526E-03
2.0855E-02	1.4890E-02
5.3922E-02	3.7908E-02
1.1830E-01	8.8497E-02
3.1566E-01	2.3676E-01
8.3472E-03	0.0000E+00
7.0017E-01	5.4771E-01
2.1337E+00	1.5731E+00
3.9797E+00	3.1248E+00
1.1809E+01	8.8620E+00
1.8676E+01	1.4271E+01
9.3333E-01	4.9610E-01
2.9908E+01	2.2683E+01
2.8763E+01	2.6511E+01
1.0356E+02	7.5693E+01
1.4295E+01	1.1726E+01
9.2052E+01	7.1650E+01
1.5940E+02	1.2511E+02
9.8274E-01	5.0710E-01
2.0869E+02	1.6419E+02
2.0434E-02	9.9660E-03
2.9000E+02	2.2861E+02
1.4108E-10	1.7286E-10
3.8525E+02	3.0480E+02
3.9381E+02	3.1751E+02
9.9893E-02	8.0538E-02
5.2070E+04	5.7310E+04
7.0426E-09	8.3538E-09
1.1971E+04	1.3022E+04
1.8280E+04	1.9943E+04
6.2396E+02	4.7916E+02
5.8296E-02	2.7170E-02
1.9033E+04	2.0720E+04
6.5173E+02	5.0719E+02

1.0047E-07	1.0829E-07
8.3389E-08	8.9879E-08
6.9331E+01	3.4112E+01
3.7528E+03	3.8726E+03
7.3977E+02	5.4872E+02
7.8267E+02	5.6918E+02
4.8158E-02	2.5750E-02
4.9790E-02	3.3363E-02
6.8191E+02	5.3280E+02
8.8334E+02	6.4183E+02
1.7433E+02	9.0178E+01
7.0743E+02	5.2422E+02
8.2201E+02	5.6316E+02
3.5720E+02	3.0125E+02
2.6621E-13	2.4505E-13
3.5714E+02	1.8523E+02
5.8920E+02	3.8902E+02
4.1147E+02	2.7301E+02
4.4422E+02	2.6303E+02
4.4620E+00	3.4038E+00
2.4898E+02	1.5401E+02
1.7315E+02	1.0377E+02
7.6362E+01	5.0873E+01
7.9275E-03	4.3306E-03
7.4945E+01	3.3173E+01
5.9193E+01	3.4785E+01
2.9814E+01	1.7192E+01
1.5281E+01	9.0552E+00
1.3827E+01	1.5228E+01
7.5794E-02	7.7524E-02
1.7139E+01	1.0781E+01
9.5762E+00	1.0546E+01
1.0525E+00	9.8058E-01
5.2426E+00	5.6624E+00
5.9501E+00	3.9964E+00
2.1956E+02	2.3935E+02
1.1975E+02	1.2959E+02
3.6892E+02	4.0410E+02
1.3508E+02	1.4670E+02
5.0270E+02	5.5150E+02
4.6024E+00	3.2686E+00
3.4859E-01	2.4305E-01
7.8320E+01	8.3556E+01
6.2137E-01	3.0081E-01
6.1323E+00	4.2920E+00
8.8937E-03	0.0000E+00
1.0132E+02	1.0746E+02

5.1889E-01	2.3975E-01
2.2065E+00	1.7163E+00
1.0520E+01	7.0286E+00
3.0780E-02	2.3942E-02
2.1480E+01	1.4515E+01
1.0455E+00	6.1142E-01
4.3263E+01	3.1015E+01
3.8325E-06	3.9841E-06
9.3548E+01	6.4768E+01
6.2141E+00	2.9421E+00
1.4872E+02	1.0505E+02
2.9967E-17	2.9161E-17
8.2724E-02	2.6622E-02
3.6509E+02	2.6162E+02
1.1453E+01	5.1022E+00
3.0408E+02	2.6696E+02
1.1604E+03	7.8452E+02
9.3997E+02	7.4461E+02
2.3487E+02	1.2557E+02
3.0344E+01	1.8684E+01
1.4286E+03	1.0415E+03
1.1923E+00	3.3937E-01
3.7994E+02	2.9364E+02
3.5275E+01	1.8940E+01
2.1845E+03	1.5445E+03
1.8863E+02	1.2515E+02
1.0060E+03	7.3977E+02
1.2159E+03	8.9074E+02
8.7129E-02	4.6363E-02
1.1245E+03	8.3266E+02
1.1442E+03	8.3393E+02
3.1379E-16	3.2505E-16
1.0176E+03	7.5935E+02
1.0391E+03	7.6881E+02
3.6518E+01	1.7078E+01
5.6456E+02	5.2532E+02
2.2274E+00	2.3150E+00
1.3604E+03	9.1458E+02
5.5739E+02	4.4524E+02
7.1073E+02	4.9012E+02
9.6144E-03	0.0000E+00
2.5946E+01	2.7276E+01
1.2903E+02	1.2195E+02
3.4899E+02	2.5414E+02
2.4948E-16	2.8292E-16
3.9751E-14	4.5078E-14
1.8387E+02	1.1185E+02

1.8703E+00	2.0489E+00
1.7503E+02	1.2289E+02
2.7375E+02	2.0208E+02
3.1503E-01	3.0243E-01
7.8465E+00	7.4972E+00
1.9750E-02	1.9244E-02
7.3643E+01	6.1120E+01
1.0534E+02	7.9231E+01
1.8558E+01	1.3725E+01
1.3231E+01	8.8466E+00
4.0568E+01	2.6209E+01
4.6464E+00	3.2289E+00
5.0626E+00	3.5253E+00
1.6153E+02	7.1518E+01
1.4586E-01	1.0034E-01
3.2248E+01	1.5022E+01
3.3977E+00	1.8392E+00
5.1326E-01	2.2571E-01
1.3340E+00	7.7889E-01
4.8594E-01	2.7881E-01
3.6945E-01	1.9402E-01
3.1784E-01	1.5092E-01
8.6394E-02	4.3900E-02
1.9454E-01	6.9665E-02
7.1557E-02	2.1914E-02
1.0076E-02	0.0000E+00
1.6261E-02	1.7908E-02
5.4072E-01	5.9550E-01
1.9230E+00	2.1177E+00
2.8363E+00	3.1236E+00
1.4240E+00	1.5683E+00
3.6883E+00	4.0619E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
8.0304E+01	9.7099E+01
1.7160E+03	4.1834E+03
2.9597E+03	2.8392E+03
4.3921E+02	3.4131E+02
2.3370E-05	2.1412E-05
9.4068E-08	8.8568E-08
3.3689E+02	1.8245E+02
3.9578E+05	4.0310E+05
1.6289E-04	7.3920E-05
2.7938E+03	3.0262E+03
1.4781E+03	1.2622E+03
2.3494E+02	2.1521E+02
7.4910E+02	6.8631E+02

5.0692E-01	4.7731E-01
9.0636E-03	6.3624E-03
7.2129E+02	3.9508E+02
1.8923E+02	8.5870E+01
7.6454E-01	3.8434E-01
1.2146E+02	3.6575E+01
6.2810E-02	1.7460E-02
1.4426E+01	3.7587E+00
2.7764E+00	3.8096E-01
6.7408E-02	0.0000E+00
8.3398E-03	0.0000E+00
6.6913E+05	**6.8029E+05**
1.4226E-02	1.0845E-02
1.4652E-15	1.0667E-15
2.8775E-13	2.4575E-13
7.9174E-19	5.3152E-19
8.3864E+00	6.8794E+00
4.9909E-06	3.2529E-06
1.4229E-08	1.7434E-08
2.1302E-12	2.6099E-12
6.3131E+01	5.0899E+01
3.0092E+02	2.4261E+02
6.2124E-07	7.3696E-07
7.7119E-05	0.0000E+00
1.7723E-04	0.0000E+00
1.8946E-05	2.0421E-05
3.0316E-08	3.2675E-08
9.0297E-06	9.7324E-06
3.8209E-03	2.9854E-03
2.5179E-04	1.7110E-04
2.6780E-02	1.6507E-02
1.9639E-12	1.8079E-12
2.8685E-11	2.6406E-11
1.4206E+02	1.0837E+02
8.7982E-01	6.7113E-01
3.8450E-06	1.8640E-06
1.0714E-04	3.8625E-05
3.6747E-03	2.0074E-03
6.3369E-01	3.4617E-01
0.0000E+00	0.0000E+00
7.8122E-13	6.5322E-13
4.3543E-17	3.6409E-17
1.0974E-03	9.7310E-04
1.2511E-02	8.7230E-03
5.2870E-03	3.6865E-03
1.6402E-04	1.4320E-04

5.8793E-07	2.5898E-07
9.2418E-09	5.6505E-09
7.2406E+00	5.6320E+00
4.8338E-01	3.7600E-01
6.8675E-04	4.6407E-04
3.4542E-03	2.3341E-03
2.5758E-04	1.7405E-04
4.8202E-05	5.0107E-05
1.9770E-05	2.0552E-05
2.0566E-15	2.0013E-15
1.6546E-15	1.6101E-15
1.0748E-03	3.0238E-04
3.9962E+02	2.4606E+02
1.9645E-04	1.5183E-04
3.2427E+02	2.3846E+02
9.2906E+01	6.8319E+01
1.6614E-05	1.0436E-05
1.3089E-14	1.3558E-14
4.6504E+00	4.8334E+00
5.2034E+01	5.4080E+01
2.3474E-02	2.4397E-02
8.8145E+00	9.2664E+00
3.1710E-13	3.5959E-13
1.0882E-11	1.2340E-11
2.4262E-02	2.3181E-02
6.4579E-03	7.6160E-03
2.6134E-05	2.5407E-05
4.5021E+01	3.3297E+01
1.6588E+00	1.1527E+00
2.6215E-07	1.2887E-07
4.0764E-04	2.1846E-04
8.0577E-04	4.3182E-04
1.6353E-03	8.7644E-04
1.9691E-03	1.0553E-03
1.8261E-03	9.7865E-04
1.6506E-03	8.8458E-04
1.5743E-03	8.4374E-04
2.1122E-03	1.1474E-03
7.5926E-04	5.9004E-04
6.5327E-04	6.6537E-04
1.4381E-02	1.7389E-02
0.0000E+00	2.4757E-04
1.4478E-02	8.2218E-03
5.1762E-03	4.9654E-03
9.0556E-03	7.0374E-03
3.4862E-03	3.1941E-03
1.2070E-04	1.1364E-04

1.9117E+02	1.0353E+02
3.3651E-03	3.4274E-03
9.0706E-02	4.1161E-02
5.3865E+00	5.8344E+00
1.3302E-11	3.6978E-12
6.5520E-09	1.8214E-09
1.0446E+01	8.9206E+00
2.6872E+01	2.4615E+01
2.4681E+00	2.2614E+00
6.1481E-03	5.7886E-03
2.1992E-03	2.0707E-03
1.1056E+00	7.7607E-01
8.4238E-02	4.6143E-02
1.2166E+00	5.5211E-01
1.4152E+00	7.1144E-01
7.1284E-09	6.7056E-10
3.8329E-10	1.3843E-11
3.4366E+02	1.0349E+02
8.2953E-02	2.1613E-02
2.7731E-02	3.8050E-03
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
5.1766E-04	0.0000E+00
2.0369E+03	**1.3222E+03**

4.6_i32_w16-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.6_i64-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.6	4.6
32	64
16	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
4.5980E+02	2.8449E+02
3.6812E-01	2.3643E-01
3.7109E-12	2.6693E-12
6.1305E-02	4.7881E-02
1.1712E-09	9.9964E-10
1.2499E-16	8.4110E-17
5.5752E+03	4.6358E+03
3.0690E-04	2.0019E-04
4.1227E-06	5.0362E-06
3.9743E-10	4.8550E-10
5.4129E+04	4.4392E+04
5.4142E+04	4.4405E+04
1.7364E-04	2.0545E-04
4.4255E-01	3.1412E-01
1.5642E+00	1.2148E+00
3.9580E-03	4.2607E-03
2.0549E-05	2.2121E-05
1.7951E-03	1.9324E-03
1.8568E-06	1.2129E-06
1.1660E+01	9.1700E+00
5.3610E-02	0.0000E+00
6.3237E-02	4.1718E-02
2.0857E+00	1.2450E+00
8.4999E-09	7.8184E-09
8.5923E-09	7.9033E-09
1.4799E+04	1.1152E+04
1.4799E+04	1.1152E+04
1.2869E-01	7.7805E-02
1.0375E-03	4.7714E-04
2.0992E-01	6.8776E-02
2.0992E-01	6.8776E-02
5.1704E-01	2.6890E-01
3.8017E+01	1.9772E+01
2.1817E-01	1.6667E-01
2.0677E-10	1.7003E-10
2.1968E-14	1.8066E-14

2.1132E+00	1.8461E+00
1.8323E+01	1.2434E+01
2.3611E+01	1.6023E+01
5.2136E-02	4.5201E-02
4.1157E-04	1.5659E-04
7.0576E-07	4.0338E-07
2.2950E+03	1.7538E+03
5.6197E+02	4.2944E+02
3.7297E-02	2.4690E-02
2.6641E-01	1.7636E-01
2.6641E-01	1.7636E-01
3.6445E-02	3.5007E-02
3.7207E-02	3.5739E-02
2.6432E-02	1.8312E-02
5.7451E-13	5.4516E-13
9.1062E-13	8.6412E-13
3.9872E-01	1.0383E-01
3.9413E+04	2.3627E+04
4.5219E-01	3.1742E-01
8.2667E+04	6.0883E+04
8.7292E+04	6.4288E+04
1.4287E-02	8.6632E-03
8.9540E-12	9.2664E-12
7.0959E+03	7.3973E+03
7.0963E+03	7.3977E+03
6.7751E+01	7.0629E+01
3.0475E-01	2.0533E-01
5.2505E-02	5.0112E-02
2.4116E+04	2.5531E+04
4.2968E-11	4.2904E-11
8.9003E-10	8.8871E-10
2.1602E+02	1.8028E+02
9.2796E-01	8.2148E-01
3.2733E-02	2.5095E-02
5.1828E+03	3.4586E+03
2.2796E+03	1.5379E+03
3.2475E-05	1.4806E-05
0.0000E+00	0.0000E+00
1.7639E-02	0.0000E+00
4.9078E-02	2.3782E-02
4.9078E-02	2.3782E-02
3.1440E-02	1.5235E-02
4.9078E-02	2.3782E-02
4.9078E-02	2.3782E-02
4.9078E-02	2.3782E-02
4.9060E-02	2.3773E-02
0.0000E+00	8.3899E-03

6.7166E-02	3.2943E-02
3.1476E-01	2.3008E-01
1.3291E-01	1.3572E-01
1.3291E-01	1.3572E-01
5.0147E-01	6.0922E-01
0.0000E+00	0.0000E+00
4.2428E-01	2.1608E-01
1.9249E-01	1.8249E-01
3.1476E-01	2.3008E-01
1.9961E+00	1.6137E+00
2.6888E-02	1.9515E-02
5.9440E+03	2.9005E+03
1.3291E-01	1.3572E-01
3.7906E+01	1.6686E+01
1.8190E+02	1.7133E+02
1.3810E-09	3.4966E-10
1.1509E-06	2.9138E-07
3.4093E+02	2.7716E+02
8.4603E+02	6.7861E+02
8.1365E+04	6.5780E+04
5.8309E+00	4.2321E+00
5.8577E+00	4.2515E+00
3.1373E+01	1.9496E+01
2.8419E+00	1.5701E+00
3.7906E+01	1.6686E+01
4.0678E+01	1.7523E+01
6.4372E-06	5.0525E-07
6.2748E-08	1.4731E-09
9.9418E+03	2.7590E+03
6.9687E-08	0.0000E+00
2.6259E+00	5.4450E-01
8.5554E-01	1.0668E-01
0.0000E+00	0.0000E+00
5.0108E+05	**3.8529E+05**
7.1548E+03	7.7994E+03
1.6454E+00	1.7931E+00
4.7788E-02	2.9569E-02
1.6612E-02	1.0432E-02
2.3629E+01	4.1312E+00
3.0501E+01	0.0000E+00
7.0620E+00	7.6987E+00
1.9017E+02	3.4072E+01
5.0433E+01	1.8260E-02
8.3635E+00	5.2866E+00
8.2188E-02	5.2787E-02
1.1670E+05	1.2076E+05

4.7036E+01	4.9025E+01
2.1291E-02	0.0000E+00
3.4870E-02	0.0000E+00
1.1718E+03	0.0000E+00
1.2138E+00	0.0000E+00
4.7934E+00	4.6108E+00
9.6127E+01	9.2466E+01
1.1110E+01	1.0687E+01
2.8177E+00	2.7104E+00
1.3616E+01	1.3097E+01
2.2165E+02	2.1321E+02
5.2105E+00	5.0120E+00
7.0558E-01	6.7870E-01
1.0212E-02	0.0000E+00
2.0966E-02	1.4567E-02
5.4133E-02	3.7333E-02
1.1837E-01	8.8136E-02
3.1589E-01	2.3606E-01
8.5078E-03	0.0000E+00
7.0246E-01	5.4600E-01
2.1295E+00	1.5781E+00
3.9923E+00	3.1181E+00
1.1765E+01	8.9329E+00
1.8628E+01	1.4370E+01
9.4398E-01	4.7392E-01
2.9835E+01	2.2822E+01
2.9122E+01	2.6322E+01
1.0275E+02	7.6705E+01
1.4243E+01	1.1843E+01
9.1639E+01	7.2455E+01
1.5869E+02	1.2648E+02
9.9361E-01	4.8176E-01
2.0773E+02	1.6606E+02
2.0398E-02	9.5634E-03
2.8860E+02	2.3135E+02
1.4184E-10	1.7327E-10
3.8339E+02	3.0849E+02
3.9192E+02	3.2141E+02
9.9414E-02	8.1532E-02
5.7332E+04	5.5084E+04
7.0734E-09	8.3688E-09
1.3129E+04	1.2536E+04
2.0071E+04	1.9189E+04
6.2194E+02	4.8303E+02
5.7864E-02	2.6404E-02
2.0888E+04	1.9938E+04
6.5019E+02	5.1084E+02

1.0066E-07	1.0836E-07
8.3547E-08	8.9936E-08
6.9340E+01	3.3383E+01
4.0569E+03	3.7459E+03
7.3885E+02	5.5053E+02
7.8223E+02	5.6980E+02
4.7736E-02	2.5129E-02
4.9707E-02	3.3348E-02
6.8099E+02	5.3557E+02
8.8295E+02	6.4240E+02
1.7485E+02	8.8075E+01
7.0651E+02	5.2567E+02
8.2381E+02	5.5933E+02
3.5985E+02	2.9919E+02
2.6576E-13	2.4446E-13
3.5642E+02	1.8301E+02
5.9149E+02	3.8410E+02
4.1484E+02	2.6752E+02
4.4590E+02	2.5828E+02
4.4625E+00	3.3628E+00
2.5013E+02	1.5123E+02
1.7426E+02	1.0154E+02
7.6824E+01	5.0041E+01
7.9922E-03	4.1565E-03
7.6054E+01	3.1478E+01
5.9554E+01	3.4049E+01
3.0000E+01	1.6807E+01
1.5397E+01	8.8101E+00
1.5228E+01	1.4648E+01
8.0524E-02	6.8834E-02
1.7230E+01	1.0542E+01
1.0546E+01	1.0144E+01
1.0537E+00	9.8494E-01
5.7495E+00	5.4481E+00
5.9831E+00	3.9065E+00
2.4134E+02	2.3024E+02
1.3137E+02	1.2471E+02
4.0580E+02	3.8874E+02
1.4829E+02	1.4117E+02
5.5312E+02	5.3051E+02
4.6174E+00	3.2037E+00
3.5054E-01	2.3788E-01
8.5637E+01	8.0436E+01
6.3259E-01	2.8094E-01
6.1569E+00	4.2018E+00
9.2114E-03	0.0000E+00
1.1062E+02	1.0350E+02

5.3060E-01	2.2268E-01
2.2119E+00	1.6903E+00
1.0570E+01	6.9049E+00
3.0855E-02	2.3579E-02
2.1580E+01	1.4285E+01
1.0567E+00	5.9206E-01
4.3420E+01	3.0708E+01
3.9416E-06	3.7861E-06
9.3685E+01	6.4403E+01
6.3461E+00	2.7436E+00
1.4963E+02	1.0366E+02
3.0206E-17	2.8663E-17
8.3952E-02	2.4600E-02
3.6512E+02	2.6136E+02
1.1215E+01	5.2162E+00
3.0422E+02	2.6888E+02
1.1609E+03	7.8109E+02
9.3896E+02	7.4857E+02
2.3646E+02	1.2235E+02
3.0487E+01	1.8277E+01
1.4273E+03	1.0437E+03
1.2175E+00	3.1359E-01
3.9248E+02	2.7550E+02
3.6439E+01	1.7500E+01
2.1693E+03	1.5645E+03
1.8853E+02	1.2529E+02
1.0056E+03	7.4056E+02
1.2145E+03	8.9351E+02
8.6860E-02	4.4981E-02
1.1238E+03	8.3490E+02
1.1420E+03	8.3706E+02
3.1410E-16	3.2507E-16
1.0171E+03	7.6155E+02
1.0376E+03	7.7176E+02
3.5807E+01	1.7419E+01
5.7741E+02	5.1388E+02
2.2282E+00	2.3229E+00
1.3435E+03	9.3408E+02
5.5686E+02	4.4810E+02
7.0902E+02	4.9064E+02
9.4956E-03	0.0000E+00
2.6000E+01	2.7525E+01
1.2877E+02	1.2397E+02
3.4863E+02	2.5452E+02
2.6129E-16	2.6089E-16
4.1632E-14	4.1569E-14
1.8465E+02	1.0971E+02

1.9423E+00	1.9022E+00
1.7525E+02	1.2229E+02
2.7470E+02	2.0110E+02
3.2984E-01	2.7581E-01
8.2073E+00	6.8495E+00
2.1284E-02	1.7111E-02
7.2745E+01	6.2863E+01
1.0560E+02	7.8874E+01
1.9193E+01	1.2808E+01
1.3685E+01	8.2522E+00
4.0717E+01	2.5822E+01
4.6952E+00	3.1676E+00
5.1216E+00	3.4510E+00
1.5965E+02	7.1698E+01
1.5484E-01	8.7283E-02
3.2374E+01	1.4567E+01
3.4288E+00	1.7869E+00
5.2342E-01	2.1149E-01
1.3429E+00	7.6102E-01
5.0059E-01	2.6210E-01
3.7112E-01	1.9019E-01
3.1965E-01	1.4663E-01
9.1234E-02	3.8593E-02
1.9406E-01	6.8196E-02
7.2028E-02	2.0753E-02
1.0166E-02	0.0000E+00
1.7908E-02	1.7226E-02
5.9550E-01	5.7279E-01
2.1177E+00	2.0371E+00
3.1236E+00	3.0046E+00
1.5683E+00	1.5085E+00
4.0619E+00	3.9072E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
8.0590E+01	9.7918E+01
1.8499E+03	3.8822E+03
2.9766E+03	2.8219E+03
4.4748E+02	3.2708E+02
2.4460E-05	1.9774E-05
1.0377E-07	7.5319E-08
3.4709E+02	1.6938E+02
3.9541E+05	4.0379E+05
1.6350E-04	7.1971E-05
2.9326E+03	2.7621E+03
1.5020E+03	1.2210E+03
2.4678E+02	1.9794E+02
7.8399E+02	6.3382E+02

5.5924E-01	4.0589E-01
9.4763E-03	5.8885E-03
7.1870E+02	3.9706E+02
1.8994E+02	8.3609E+01
8.0480E-01	3.4668E-01
1.2292E+02	3.4111E+01
6.3800E-02	1.6153E-02
1.5300E+01	3.1727E+00
2.8029E+00	3.4953E-01
6.9401E-02	0.0000E+00
8.5853E-03	0.0000E+00
6.8030E+05	**6.7910E+05**
1.5509E-02	9.5960E-03
1.4554E-15	1.0469E-15
2.8665E-13	2.4467E-13
7.7964E-19	5.2466E-19
8.3565E+00	6.9485E+00
4.9152E-06	3.2062E-06
1.4305E-08	1.7475E-08
2.1417E-12	2.6162E-12
6.2828E+01	5.1524E+01
2.9947E+02	2.4559E+02
6.2396E-07	7.3828E-07
7.6846E-05	0.0000E+00
1.7665E-04	0.0000E+00
1.8982E-05	2.0434E-05
3.0373E-08	3.2695E-08
9.0464E-06	9.7385E-06
3.8158E-03	3.0008E-03
2.5128E-04	1.6577E-04
2.6761E-02	1.5974E-02
1.9606E-12	1.8035E-12
2.8637E-11	2.6342E-11
1.4207E+02	1.0707E+02
8.7991E-01	6.6308E-01
3.8532E-06	1.7720E-06
1.0830E-04	3.5482E-05
3.7047E-03	1.9267E-03
6.3884E-01	3.3225E-01
0.0000E+00	0.0000E+00
7.8122E-13	6.4244E-13
4.3544E-17	3.5808E-17
1.0972E-03	9.5854E-04
1.2580E-02	8.5373E-03
5.3170E-03	3.6082E-03
1.6383E-04	1.4204E-04

6.0707E-07	2.3098E-07
9.3513E-09	5.3447E-09
7.2582E+00	5.5466E+00
4.8457E-01	3.7030E-01
6.8996E-04	4.5672E-04
3.4702E-03	2.2972E-03
2.5877E-04	1.7130E-04
4.9575E-05	4.7617E-05
2.0333E-05	1.9531E-05
2.0729E-15	1.9671E-15
1.6678E-15	1.5826E-15
1.0806E-03	0.0000E+00
4.0151E+02	2.4070E+02
2.0293E-04	0.0000E+00
3.2412E+02	2.3871E+02
9.2862E+01	6.8394E+01
1.6579E-05	1.0053E-05
1.3101E-14	1.3559E-14
4.6521E+00	4.8497E+00
5.2052E+01	5.4265E+01
2.3482E-02	2.4480E-02
8.8326E+00	9.3509E+00
3.3210E-13	3.3160E-13
1.1397E-11	1.1380E-11
2.5377E-02	2.1179E-02
7.1399E-03	6.3202E-03
2.8571E-05	2.1904E-05
4.6561E+01	3.1072E+01
1.6762E+00	1.1308E+00
2.6617E-07	1.2135E-07
4.1583E-04	2.0149E-04
8.2196E-04	3.9827E-04
1.6682E-03	8.0832E-04
2.0086E-03	9.7328E-04
1.8627E-03	9.0262E-04
1.6837E-03	8.1585E-04
1.6060E-03	7.7818E-04
2.1544E-03	1.0567E-03
7.7356E-04	5.6544E-04
6.5270E-04	6.6651E-04
1.4433E-02	1.7535E-02
0.0000E+00	2.2974E-04
1.4768E-02	7.5209E-03
5.2056E-03	4.9355E-03
9.2259E-03	6.7439E-03
3.6488E-03	2.9498E-03
1.3315E-04	9.6637E-05

1.9696E+02	9.6114E+01
3.3621E-03	3.4333E-03
9.1045E-02	4.0076E-02
5.6540E+00	5.3253E+00
1.3512E-11	3.4210E-12
6.6554E-09	1.6850E-09
1.0615E+01	8.6297E+00
2.8226E+01	2.2640E+01
2.5832E+00	2.0884E+00
6.7826E-03	4.9227E-03
2.4262E-03	1.7609E-03
1.1559E+00	7.1830E-01
8.3934E-02	4.6372E-02
1.2212E+00	5.3755E-01
1.4898E+00	6.4174E-01
7.3396E-09	5.7605E-10
4.1815E-10	9.8164E-12
3.4779E+02	9.6514E+01
8.7982E-02	1.8244E-02
2.7995E-02	3.4910E-03
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
5.2809E-04	0.0000E+00
2.0504E+03	**1.3000E+03**

4.6_i64-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95_i104-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.6	5.95
64	104
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
4.0868E+02	3.0297E+02
3.5563E-01	2.2173E-01
3.6830E-12	2.4142E-12
6.0834E-02	4.9958E-02
1.1785E-09	8.6570E-10
1.2463E-16	8.3446E-17
5.6091E+03	4.9179E+03
3.0567E-04	1.9916E-04
4.0778E-06	5.7420E-06
3.9310E-10	5.5352E-10
5.4582E+04	4.7458E+04
5.4595E+04	4.7467E+04
1.7205E-04	2.2972E-04
4.4480E-01	3.2593E-01
1.5730E+00	1.2665E+00
3.9421E-03	4.4823E-03
2.0467E-05	2.3271E-05
1.7879E-03	2.0329E-03
1.8403E-06	1.1621E-06
1.1700E+01	9.3702E+00
5.2061E-02	0.0000E+00
6.1802E-02	3.9964E-02
2.0377E+00	1.2076E+00
8.5210E-09	7.2978E-09
8.6139E-09	7.3775E-09
1.4801E+04	9.5361E+03
1.4801E+04	9.5361E+03
1.2796E-01	6.5604E-02
1.0088E-03	3.9346E-04
1.9924E-01	5.1278E-02
1.9924E-01	5.1278E-02
5.0780E-01	2.0312E-01
3.7338E+01	1.4935E+01
1.8946E-01	2.0209E-01
2.0458E-10	1.5474E-10
2.1736E-14	1.6441E-14

2.0958E+00	1.7503E+00
1.8031E+01	1.1769E+01
2.3234E+01	1.5165E+01
5.2215E-02	4.0121E-02
3.7530E-04	1.3613E-04
6.7879E-07	3.5440E-07
2.2742E+03	1.6537E+03
5.5691E+02	4.0494E+02
3.6885E-02	2.3137E-02
2.6346E-01	1.6526E-01
2.6346E-01	1.6526E-01
3.4216E-02	3.8034E-02
3.4932E-02	3.8830E-02
2.6096E-02	1.7689E-02
5.6346E-13	5.3742E-13
8.9311E-13	8.5184E-13
3.7988E-01	9.1265E-02
3.8842E+04	2.1759E+04
4.2421E-01	3.9960E-01
8.2720E+04	6.0962E+04
8.7349E+04	6.4372E+04
1.3842E-02	8.5655E-03
8.9351E-12	9.5106E-12
7.0902E+03	7.7026E+03
7.0906E+03	7.7031E+03
6.7698E+01	7.3546E+01
3.0112E-01	2.1281E-01
4.9522E-02	6.1213E-02
2.4064E+04	2.7982E+04
3.8840E-11	5.3196E-11
8.0454E-10	1.1019E-09
1.9515E+02	2.2512E+02
7.4197E-01	1.4627E+00
2.6893E-02	3.8624E-02
4.8017E+03	3.5648E+03
2.2278E+03	1.4294E+03
3.1072E-05	1.1497E-05
0.0000E+00	0.0000E+00
1.6482E-02	0.0000E+00
4.5857E-02	2.6644E-02
4.5857E-02	2.6644E-02
2.9377E-02	1.7068E-02
4.5857E-02	2.6644E-02
4.5857E-02	2.6644E-02
4.5857E-02	2.6644E-02
4.5839E-02	2.6634E-02
0.0000E+00	1.6133E-02

6.2696E-02	3.6551E-02
3.0250E-01	2.5366E-01
1.3316E-01	1.3413E-01
1.3316E-01	1.3413E-01
4.9790E-01	8.6016E-01
0.0000E+00	1.6133E-02
3.9411E-01	2.3071E-01
1.9042E-01	2.2599E-01
3.0250E-01	2.5366E-01
1.8136E+00	1.6705E+00
2.1878E-02	2.4631E-02
5.5484E+03	2.8134E+03
1.3316E-01	1.3413E-01
3.7961E+01	1.1508E+01
1.6388E+02	2.0044E+02
1.3335E-09	2.1149E-10
1.1112E-06	1.7625E-07
3.2787E+02	2.6141E+02
7.6340E+02	7.1337E+02
7.3933E+04	6.8099E+04
4.7445E+00	5.3416E+00
4.7661E+00	5.3662E+00
2.8740E+01	1.8443E+01
2.8939E+00	1.1486E+00
3.7961E+01	1.1508E+01
3.6482E+01	1.4350E+01
5.9061E-06	2.0558E-07
4.7898E-08	5.3033E-10
9.6958E+03	1.6897E+03
5.6452E-08	0.0000E+00
2.2801E+00	3.4734E-01
8.2988E-01	4.6548E-02
0.0000E+00	0.0000E+00
4.9277E+05	**3.9096E+05**
7.7994E+03	7.3625E+03
1.7933E+00	1.6927E+00
4.2476E-02	3.1489E-02
1.4702E-02	1.1368E-02
6.3954E+00	1.6753E+01
0.0000E+00	2.3338E+01
7.6987E+00	7.2838E+00
3.4072E+01	6.5512E+01
2.7705E-02	1.8209E-02
7.8668E+00	5.2228E+00
7.9398E-02	4.9504E-02
1.2076E+05	1.1731E+05

4.9086E+01	4.7626E+01
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
4.6108E+00	4.3527E+00
9.2466E+01	8.7287E+01
1.0687E+01	1.0088E+01
2.7104E+00	2.5586E+00
1.3097E+01	1.2364E+01
2.1321E+02	2.0127E+02
5.0120E+00	4.7313E+00
6.7870E-01	6.4068E-01
9.9704E-03	0.0000E+00
2.0597E-02	1.4240E-02
5.3434E-02	3.6780E-02
1.1796E-01	8.9434E-02
3.1464E-01	2.4561E-01
8.0370E-03	0.0000E+00
6.9652E-01	5.7574E-01
2.1360E+00	1.6139E+00
3.9615E+00	3.2533E+00
1.1844E+01	9.2347E+00
1.8732E+01	1.4778E+01
9.0988E-01	4.5439E-01
2.9949E+01	2.3641E+01
2.8348E+01	2.9682E+01
1.0420E+02	7.8637E+01
1.4330E+01	1.2564E+01
9.2365E+01	7.6855E+01
1.5986E+02	1.3453E+02
9.5176E-01	4.7916E-01
2.0935E+02	1.7673E+02
1.9758E-02	9.5603E-03
2.9098E+02	2.4680E+02
1.4030E-10	1.9755E-10
3.8654E+02	3.2958E+02
3.9519E+02	3.4360E+02
1.0025E-01	8.7160E-02
5.5110E+04	5.2153E+04
7.0083E-09	9.3575E-09
1.2643E+04	1.1913E+04
1.9316E+04	1.8212E+04
6.2546E+02	5.0358E+02
5.6804E-02	2.5730E-02
2.0106E+04	1.8921E+04
6.5331E+02	5.2945E+02

1.0026E-07	1.1400E-07
8.3213E-08	9.4613E-08
6.8706E+01	3.0514E+01
3.9298E+03	3.5890E+03
7.4034E+02	5.5915E+02
7.8245E+02	5.7389E+02
4.7212E-02	2.4540E-02
4.9584E-02	3.3446E-02
6.8328E+02	5.4727E+02
8.8339E+02	6.4394E+02
1.7278E+02	7.9662E+01
7.0897E+02	5.2510E+02
8.1875E+02	5.4613E+02
3.5559E+02	2.9986E+02
2.6642E-13	2.2818E-13
3.5683E+02	1.5746E+02
5.8714E+02	3.5424E+02
4.0851E+02	2.4449E+02
4.4290E+02	2.1785E+02
4.4629E+00	2.8755E+00
2.4871E+02	1.2751E+02
1.7255E+02	8.4300E+01
7.6076E+01	4.2810E+01
7.8496E-03	3.1398E-03
7.3801E+01	2.3733E+01
5.8991E+01	2.8207E+01
2.9671E+01	1.4048E+01
1.5130E+01	7.6274E+00
1.4648E+01	1.3827E+01
7.0321E-02	8.5439E-02
1.6995E+01	9.4530E+00
1.0144E+01	9.5762E+00
1.0531E+00	9.9920E-01
5.5330E+00	5.1449E+00
5.8854E+00	3.6632E+00
2.3221E+02	2.1725E+02
1.2648E+02	1.1773E+02
3.9043E+02	3.6701E+02
1.4274E+02	1.3331E+02
5.3218E+02	5.0085E+02
4.5562E+00	3.0751E+00
3.4494E-01	2.2514E-01
8.2509E+01	7.5970E+01
6.0108E-01	2.4900E-01
6.0650E+00	4.0265E+00
8.3780E-03	0.0000E+00
1.0665E+02	9.7764E+01

4.9984E-01	1.9956E-01
2.1919E+00	1.5938E+00
1.0437E+01	6.5402E+00
3.0577E-02	2.2234E-02
2.1341E+01	1.3387E+01
1.0243E+00	5.5647E-01
4.3193E+01	2.9415E+01
3.7005E-06	4.1135E-06
9.3394E+01	6.1618E+01
5.9972E+00	2.4636E+00
1.4773E+02	1.0014E+02
2.9624E-17	2.8256E-17
7.9891E-02	1.9478E-02
3.6490E+02	2.5865E+02
1.1695E+01	4.0086E+00
3.0499E+02	2.8031E+02
1.1584E+03	7.6133E+02
9.4173E+02	7.6736E+02
2.3209E+02	1.1285E+02
3.0046E+01	1.6831E+01
1.4293E+03	1.0505E+03
1.1499E+00	2.6976E-01
3.6818E+02	3.4682E+02
3.3930E+01	1.8674E+01
2.1980E+03	1.4807E+03
1.8865E+02	1.2540E+02
1.0062E+03	7.4153E+02
1.2170E+03	9.0376E+02
8.4863E-02	4.4308E-02
1.1246E+03	8.4845E+02
1.1457E+03	8.4643E+02
3.1344E-16	3.3363E-16
1.0179E+03	7.7625E+02
1.0401E+03	7.8531E+02
3.7081E+01	1.4569E+01
5.4987E+02	5.8357E+02
2.2264E+00	2.4188E+00
1.3779E+03	9.0407E+02
5.5845E+02	4.6684E+02
7.1064E+02	4.8950E+02
9.4587E-03	0.0000E+00
2.5942E+01	3.0167E+01
1.2992E+02	1.3596E+02
3.4913E+02	2.5475E+02
2.3618E-16	3.2347E-16
3.7632E-14	5.1542E-14
1.8238E+02	1.0766E+02

1.7888E+00	2.3516E+00
1.7470E+02	1.1917E+02
2.7214E+02	1.9872E+02
2.9737E-01	3.4731E-01
7.4144E+00	8.5532E+00
1.8110E-02	2.5440E-02
7.5104E+01	6.1701E+01
1.0539E+02	7.5988E+01
1.7782E+01	1.3201E+01
1.2681E+01	8.4581E+00
4.0405E+01	2.3384E+01
4.5888E+00	2.9441E+00
4.9936E+00	3.2296E+00
1.6301E+02	5.5000E+01
1.3393E-01	9.5986E-02
3.1838E+01	1.1619E+01
3.3554E+00	1.4798E+00
4.9909E-01	1.6976E-01
1.3278E+00	6.3109E-01
4.6653E-01	2.3018E-01
3.6610E-01	1.5276E-01
3.1625E-01	1.1289E-01
8.0238E-02	3.5335E-02
1.9455E-01	4.6367E-02
7.0272E-02	1.4496E-02
9.8331E-03	0.0000E+00
1.7226E-02	1.6261E-02
5.7279E-01	5.4072E-01
2.0371E+00	1.9230E+00
3.0046E+00	2.8363E+00
1.5085E+00	1.4241E+00
3.9072E+00	3.6884E+00
0.0000E+00	2.9029E-03
0.0000E+00	0.0000E+00
8.0023E+01	1.3824E+02
1.5957E+03	7.4650E+03
2.9445E+03	3.4946E+03
4.3004E+02	3.6060E+02
2.2224E-05	2.0471E-05
8.4436E-08	9.5062E-08
3.2402E+02	1.6429E+02
3.9615E+05	3.9906E+05
1.6374E-04	4.9636E-05
2.6421E+03	3.2314E+03
1.4444E+03	1.1517E+03
2.2268E+02	2.0808E+02
7.1236E+02	6.5617E+02

4.5500E-01	5.1229E-01
8.6812E-03	5.5708E-03
7.3185E+02	2.9046E+02
1.9021E+02	5.7662E+01
7.2178E-01	2.8391E-01
1.1988E+02	2.0890E+01
6.1600E-02	9.7702E-03
1.3285E+01	2.0238E+00
2.7189E+00	1.5250E-01
6.3672E-02	0.0000E+00
7.8320E-03	0.0000E+00
6.7911E+05	**6.6938E+05**
1.3785E-02	1.0219E-02
1.4445E-15	9.4688E-16
2.8845E-13	2.1188E-13
7.7744E-19	5.2052E-19
8.4071E+00	7.3709E+00
4.8954E-06	3.1897E-06
1.4150E-08	1.9924E-08
2.1183E-12	2.9828E-12
6.3356E+01	5.5084E+01
3.0197E+02	2.6255E+02
6.1824E-07	8.2548E-07
7.7233E-05	0.0000E+00
1.7765E-04	0.0000E+00
1.8906E-05	2.1496E-05
3.0251E-08	3.4396E-08
9.0103E-06	1.0245E-05
3.8286E-03	3.0664E-03
2.4558E-04	1.5880E-04
2.6145E-02	1.5495E-02
1.9655E-12	1.6834E-12
2.8709E-11	2.4588E-11
1.4209E+02	9.1551E+01
8.8004E-01	5.6698E-01
3.7465E-06	1.4612E-06
1.0278E-04	2.6454E-05
3.6385E-03	1.4554E-03
6.2744E-01	2.5098E-01
0.0000E+00	0.0000E+00
7.7295E-13	5.8467E-13
4.3082E-17	3.2588E-17
1.0882E-03	9.0882E-04
1.2379E-02	8.0802E-03
5.2320E-03	3.4149E-03
1.6407E-04	1.2607E-04

5.5356E-07	2.0079E-07
8.9936E-09	4.6957E-09
7.1927E+00	5.2303E+00
4.8022E-01	3.4918E-01
6.8231E-04	4.2800E-04
3.4318E-03	2.1527E-03
2.5590E-04	1.6052E-04
4.6543E-05	5.1735E-05
1.9089E-05	2.1219E-05
2.0331E-15	1.9392E-15
1.6357E-15	1.5601E-15
1.0296E-03	0.0000E+00
3.9570E+02	2.2167E+02
1.9037E-04	1.7932E-04
3.2432E+02	2.3902E+02
9.2919E+01	6.8477E+01
1.6062E-05	9.9396E-06
1.3074E-14	1.3916E-14
4.6482E+00	5.0499E+00
5.2012E+01	5.6505E+01
2.3463E-02	2.5490E-02
8.8132E+00	1.0248E+01
3.0019E-13	4.1114E-13
1.0302E-11	1.4109E-11
2.2926E-02	2.6446E-02
5.7086E-03	1.1254E-02
2.3474E-05	3.3713E-05
4.3139E+01	3.2026E+01
1.6381E+00	1.0511E+00
2.5467E-07	9.4226E-08
3.8853E-04	2.2574E-04
7.6802E-04	4.4620E-04
1.5587E-03	9.0561E-04
1.8768E-03	1.0905E-03
1.7405E-03	1.0113E-03
1.5732E-03	9.1406E-04
1.5005E-03	8.7186E-04
2.0109E-03	1.1724E-03
7.4342E-04	6.2335E-04
6.5393E-04	6.5872E-04
1.4331E-02	2.4757E-02
0.0000E+00	4.4176E-04
1.3718E-02	8.0300E-03
5.1498E-03	6.1116E-03
8.8669E-03	7.4351E-03
3.3153E-03	3.0537E-03
1.0834E-04	1.2197E-04

1.8386E+02	9.3227E+01
3.3684E-03	3.3931E-03
9.1177E-02	2.7640E-02
5.0939E+00	6.2300E+00
1.3046E-11	2.0692E-12
6.4258E-09	1.0192E-09
1.0208E+01	8.1391E+00
2.5469E+01	2.3800E+01
2.3471E+00	2.1619E+00
5.5189E-03	6.2132E-03
1.9741E-03	2.2225E-03
1.0589E+00	6.7954E-01
8.5470E-02	3.3922E-02
1.2229E+00	3.7073E-01
1.3361E+00	5.2554E-01
6.7338E-09	2.3439E-10
3.1917E-10	3.5339E-12
3.3919E+02	5.9110E+01
7.6393E-02	1.1638E-02
2.7156E-02	1.5231E-03
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
4.8501E-04	0.0000E+00
2.0185E+03	**1.2515E+03**

5.95_i104-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95_i200-CR0-MDC-MPC-MTF_52GWD_40SP.out
5.95	5.95
104	200
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
4.3312E+02	3.2853E+02
3.2877E-01	2.2349E-01
3.3843E-12	2.4136E-12
6.4614E-02	4.9940E-02
1.0482E-09	8.6530E-10
1.2519E-16	8.3041E-17
6.0522E+03	4.9038E+03
3.0780E-04	1.9813E-04
4.7956E-06	5.7429E-06
4.6231E-10	5.5361E-10
5.9488E+04	4.7291E+04
5.9506E+04	4.7304E+04
1.9691E-04	2.2974E-04
4.6570E-01	3.2523E-01
1.6578E+00	1.2637E+00
4.1732E-03	4.4827E-03
2.1666E-05	2.3273E-05
1.8927E-03	2.0331E-03
1.7703E-06	1.1596E-06
1.2095E+01	9.3632E+00
5.0270E-02	0.0000E+00
6.0161E-02	4.0088E-02
2.0082E+00	1.2135E+00
7.9957E-09	7.2970E-09
8.0828E-09	7.3766E-09
1.2802E+04	9.5687E+03
1.2802E+04	9.5687E+03
1.0890E-01	6.6097E-02
8.4836E-04	3.9863E-04
1.4890E-01	5.2096E-02
1.4890E-01	5.2096E-02
3.9187E-01	2.0467E-01
2.8814E+01	1.5049E+01
2.2347E-01	2.0448E-01
1.8482E-10	1.5476E-10
1.9636E-14	1.6442E-14

1.9790E+00	1.7528E+00
1.7054E+01	1.1830E+01
2.1975E+01	1.5244E+01
4.6939E-02	4.0146E-02
3.2340E-04	1.3756E-04
5.9492E-07	3.5557E-07
2.1401E+03	1.6592E+03
5.2404E+02	4.0629E+02
3.4471E-02	2.3232E-02
2.4622E-01	1.6594E-01
2.4622E-01	1.6594E-01
3.7818E-02	3.8191E-02
3.8609E-02	3.8990E-02
2.5305E-02	1.7739E-02
5.6166E-13	5.3790E-13
8.9025E-13	8.5254E-13
3.2925E-01	9.1885E-02
3.6199E+04	2.1729E+04
5.2540E-01	4.0465E-01
8.2883E+04	6.0927E+04
8.7520E+04	6.4337E+04
1.3721E-02	8.5518E-03
9.1797E-12	9.5115E-12
7.4505E+03	7.6974E+03
7.4510E+03	7.6978E+03
7.1139E+01	7.3493E+01
3.1928E-01	2.1311E-01
6.1912E-02	6.1516E-02
2.7051E+04	2.7993E+04
4.9509E-11	5.3438E-11
1.0255E-09	1.1069E-09
2.3866E+02	2.2693E+02
1.2780E+00	1.4925E+00
4.4678E-02	3.9340E-02
5.2342E+03	3.5776E+03
2.2058E+03	1.4315E+03
2.4017E-05	1.1576E-05
0.0000E+00	0.0000E+00
1.9067E-02	0.0000E+00
5.3055E-02	2.7001E-02
5.3055E-02	2.7001E-02
3.3986E-02	1.7297E-02
5.3055E-02	2.7001E-02
5.3055E-02	2.7001E-02
5.3055E-02	2.7001E-02
5.3033E-02	2.6991E-02
8.3147E-03	1.6317E-02

7.1927E-02	3.7038E-02
3.5024E-01	2.5529E-01
1.3186E-01	1.3409E-01
1.3186E-01	1.3409E-01
7.1588E-01	8.5813E-01
0.0000E+00	1.6317E-02
4.3702E-01	2.3382E-01
2.5092E-01	2.2648E-01
3.5024E-01	2.5529E-01
2.0259E+00	1.6885E+00
3.2066E-02	2.5208E-02
5.7460E+03	2.8498E+03
1.3186E-01	1.3409E-01
2.8420E+01	1.1634E+01
1.9472E+02	2.0211E+02
8.5677E-10	2.1490E-10
7.1399E-07	1.7909E-07
3.2748E+02	2.6353E+02
8.7358E+02	7.2191E+02
8.2584E+04	6.8829E+04
6.9538E+00	5.4666E+00
6.9859E+00	5.4916E+00
3.0725E+01	1.8762E+01
2.2678E+00	1.1582E+00
2.8420E+01	1.1634E+01
3.5153E+01	1.4629E+01
2.6374E-06	2.1119E-07
1.9028E-08	5.5414E-10
6.3646E+03	1.7156E+03
2.3044E-08	0.0000E+00
1.6518E+00	3.5475E-01
4.0200E-01	4.7542E-02
0.0000E+00	0.0000E+00
5.0638E+05	**3.9144E+05**
7.3625E+03	7.3625E+03
1.6929E+00	1.6928E+00
4.5016E-02	3.4147E-02
1.5869E-02	1.2298E-02
1.8872E+01	2.9065E+01
2.3345E+01	4.4871E+01
7.2679E+00	7.3137E+00
6.5512E+01	9.6294E+01
2.7208E-02	1.8781E-02
7.6705E+00	5.2818E+00
7.3405E-02	4.9896E-02
1.1731E+05	1.1731E+05

4.7683E+01	4.7626E+01
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
4.3527E+00	4.3527E+00
8.7287E+01	8.7287E+01
1.0088E+01	1.0088E+01
2.5586E+00	2.5586E+00
1.2364E+01	1.2364E+01
2.0127E+02	2.0127E+02
4.7313E+00	4.7313E+00
6.4068E-01	6.4068E-01
9.4028E-03	0.0000E+00
2.0120E-02	1.4311E-02
5.2496E-02	3.6894E-02
1.2023E-01	8.9527E-02
3.2903E-01	2.4570E-01
7.7510E-03	0.0000E+00
7.4672E-01	5.7570E-01
2.1893E+00	1.6124E+00
4.2077E+00	3.2523E+00
1.2328E+01	9.2140E+00
1.9444E+01	1.4753E+01
8.7740E-01	4.5456E-01
3.1308E+01	2.3594E+01
3.3807E+01	2.9665E+01
1.0733E+02	7.8377E+01
1.5462E+01	1.2528E+01
9.9559E+01	7.6608E+01
1.7290E+02	1.3409E+02
9.5027E-01	4.7850E-01
2.2667E+02	1.7615E+02
1.9610E-02	9.7403E-03
3.1607E+02	2.4595E+02
1.6499E-10	1.9759E-10
4.2085E+02	3.2843E+02
4.3072E+02	3.4240E+02
1.0926E-01	8.6856E-02
5.2180E+04	5.2290E+04
8.0208E-09	9.3584E-09
1.2035E+04	1.1941E+04
1.8353E+04	1.8257E+04
6.5916E+02	5.0248E+02
5.5194E-02	2.5717E-02
1.9100E+04	1.8968E+04
6.8539E+02	5.2853E+02

1.0614E-07	1.1401E-07
8.8088E-08	9.4622E-08
6.2656E+01	3.0435E+01
3.7817E+03	3.5959E+03
7.5504E+02	5.5854E+02
7.8945E+02	5.7345E+02
4.6094E-02	2.4575E-02
4.9298E-02	3.3431E-02
7.0638E+02	5.4683E+02
8.8656E+02	6.4359E+02
1.5576E+02	7.9644E+01
7.0976E+02	5.2496E+02
7.9614E+02	5.4652E+02
3.6529E+02	3.0075E+02
2.5000E-13	2.2815E-13
3.0774E+02	1.5761E+02
5.3918E+02	3.5553E+02
3.7547E+02	2.4588E+02
3.7283E+02	2.1922E+02
3.8604E+00	2.8854E+00
2.1167E+02	1.2847E+02
1.4505E+02	8.4995E+01
6.7144E+01	4.3121E+01
6.0575E-03	3.1636E-03
5.6091E+01	2.4029E+01
4.9232E+01	2.8436E+01
2.4640E+01	1.4161E+01
1.2946E+01	7.6872E+00
1.3827E+01	1.3827E+01
8.5910E-02	8.6394E-02
1.5091E+01	9.5141E+00
9.5762E+00	9.5762E+00
1.0685E+00	1.0028E+00
5.2259E+00	5.1462E+00
5.4872E+00	3.6832E+00
2.1905E+02	2.1727E+02
1.1937E+02	1.1775E+02
3.6858E+02	3.6703E+02
1.3480E+02	1.3333E+02
5.0239E+02	5.0090E+02
4.3652E+00	3.0907E+00
3.2626E-01	2.2632E-01
7.7911E+01	7.5992E+01
5.2650E-01	2.5148E-01
5.7908E+00	4.0469E+00
7.5412E-03	0.0000E+00
1.0073E+02	9.7790E+01

4.4128E-01	2.0164E-01
2.0626E+00	1.5991E+00
9.8595E+00	6.5705E+00
2.8773E-02	2.2308E-02
1.9945E+01	1.3442E+01
9.4525E-01	5.5832E-01
4.1466E+01	2.9518E+01
4.0901E-06	4.1305E-06
8.9113E+01	6.1714E+01
5.3438E+00	2.4798E+00
1.4325E+02	1.0042E+02
2.9530E-17	2.8280E-17
6.1820E-02	1.9635E-02
3.6098E+02	2.5865E+02
8.8792E+00	4.0021E+00
3.2669E+02	2.8043E+02
1.1249E+03	7.6129E+02
9.7882E+02	7.6688E+02
2.1569E+02	1.1287E+02
2.8002E+01	1.6808E+01
1.4409E+03	1.0496E+03
9.7940E-01	2.7146E-01
4.5602E+02	3.5120E+02
3.6170E+01	1.8936E+01
2.0861E+03	1.4755E+03
1.8898E+02	1.2533E+02
1.0082E+03	7.4114E+02
1.2338E+03	9.0275E+02
8.3679E-02	4.4374E-02
1.1483E+03	8.4757E+02
1.1596E+03	8.4537E+02
3.2203E-16	3.3367E-16
1.0438E+03	7.7537E+02
1.0627E+03	7.8426E+02
3.0854E+01	1.4487E+01
6.6480E+02	5.8423E+02
2.3396E+00	2.4171E+00
1.3280E+03	9.0072E+02
5.9070E+02	4.6622E+02
7.0602E+02	4.8884E+02
9.7209E-03	0.0000E+00
2.9163E+01	3.0179E+01
1.4741E+02	1.3586E+02
3.4968E+02	2.5460E+02
3.0105E-16	3.2495E-16
4.7969E-14	5.1775E-14
1.8113E+02	1.0766E+02

2.1646E+00	2.3675E+00
1.6966E+02	1.1930E+02
2.7375E+02	1.9866E+02
3.6618E-01	3.5020E-01
9.0675E+00	8.6218E+00
2.8657E-02	2.5880E-02
7.3823E+01	6.1758E+01
1.0439E+02	7.6076E+01
1.9383E+01	1.3248E+01
1.3733E+01	8.4960E+00
3.6357E+01	2.3474E+01
4.5430E+00	2.9483E+00
4.9724E+00	3.2350E+00
1.2743E+02	5.5026E+01
1.4595E-01	9.6804E-02
2.4860E+01	1.1684E+01
2.7512E+00	1.4916E+00
3.9934E-01	1.7182E-01
1.1062E+00	6.3646E-01
4.1059E-01	2.3250E-01
2.9219E-01	1.5400E-01
2.3815E-01	1.1403E-01
7.2525E-02	3.5904E-02
1.2917E-01	4.6904E-02
4.4792E-02	1.4689E-02
7.0013E-03	0.0000E+00
1.6261E-02	1.6261E-02
5.4072E-01	5.4072E-01
1.9230E+00	1.9230E+00
2.8363E+00	2.8363E+00
1.4241E+00	1.4241E+00
3.6884E+00	3.6884E+00
2.4833E-03	2.8934E-03
0.0000E+00	0.0000E+00
1.1506E+02	1.3791E+02
3.8474E+03	7.5500E+03
3.8801E+03	3.5022E+03
4.9790E+02	3.6293E+02
2.4826E-05	2.0690E-05
1.2376E-07	9.7288E-08
3.3553E+02	1.6642E+02
3.9230E+05	3.9893E+05
1.2258E-04	5.0182E-05
3.1391E+03	3.2584E+03
1.4427E+03	1.1610E+03
2.5482E+02	2.1058E+02
7.9574E+02	6.6317E+02

6.6695E-01	5.2430E-01
9.2805E-03	5.6672E-03
5.7350E+02	2.9290E+02
1.4241E+02	5.8300E+01
6.9551E-01	2.8943E-01
7.8685E+01	2.1210E+01
3.9580E-02	9.9277E-03
9.6241E+00	2.0670E+00
1.3171E+00	1.5576E-01
2.8434E-02	0.0000E+00
0.0000E+00	0.0000E+00
6.6938E+05	**6.6971E+05**
1.4609E-02	1.1081E-02
1.3274E-15	9.4666E-16
2.5654E-13	2.1179E-13
7.8087E-19	5.1797E-19
9.0710E+00	7.3498E+00
4.9298E-06	3.1731E-06
1.6640E-08	1.9928E-08
2.4912E-12	2.9833E-12
6.9049E+01	5.4890E+01
3.2912E+02	2.6163E+02
7.0756E-07	8.2557E-07
8.0859E-05	0.0000E+00
1.8722E-04	0.0000E+00
2.0014E-05	2.1498E-05
3.2024E-08	3.4399E-08
9.5383E-06	1.0246E-05
3.9579E-03	3.0640E-03
2.3906E-04	1.5929E-04
2.5767E-02	1.5570E-02
1.8443E-12	1.6832E-12
2.6939E-11	2.4585E-11
1.2291E+02	9.1863E+01
7.6120E-01	5.6892E-01
3.1507E-06	1.4804E-06
7.6815E-05	2.6876E-05
2.8079E-03	1.4665E-03
4.8422E-01	2.5289E-01
0.0000E+00	0.0000E+00
6.9828E-13	5.8472E-13
3.8921E-17	3.2590E-17
1.0275E-03	9.1014E-04
1.1709E-02	8.1224E-03
4.9487E-03	3.4328E-03
1.4750E-04	1.2615E-04

4.7700E-07	2.0291E-07
7.8830E-09	4.7111E-09
6.7685E+00	5.2474E+00
4.5188E-01	3.5034E-01
6.3769E-04	4.2976E-04
3.2072E-03	2.1615E-03
2.3916E-04	1.6118E-04
5.1440E-05	5.1951E-05
2.1099E-05	2.1307E-05
2.0266E-15	1.9408E-15
1.6305E-15	1.5614E-15
8.9236E-04	0.0000E+00
3.6878E+02	2.2136E+02
2.3577E-04	1.8159E-04
3.2496E+02	2.3888E+02
9.3104E+01	6.8442E+01
1.5922E-05	9.9238E-06
1.3432E-14	1.3918E-14
4.8844E+00	5.0464E+00
5.4657E+01	5.6465E+01
2.4656E-02	2.5472E-02
9.9075E+00	1.0252E+01
3.8264E-13	4.1302E-13
1.3131E-11	1.4174E-11
2.8037E-02	2.6659E-02
9.8331E-03	1.1483E-02
3.8996E-05	3.4338E-05
4.7023E+01	3.2142E+01
1.6219E+00	1.0526E+00
1.9685E-07	9.4877E-08
4.4950E-04	2.2877E-04
8.8849E-04	4.5219E-04
1.8033E-03	9.1780E-04
2.1713E-03	1.1051E-03
2.0136E-03	1.0248E-03
1.8201E-03	9.2633E-04
1.7360E-03	8.8356E-04
2.3070E-03	1.1880E-03
8.6073E-04	6.2740E-04
6.4755E-04	6.5850E-04
2.0605E-02	2.4699E-02
2.2768E-04	4.4678E-04
1.5211E-02	8.1387E-03
6.7861E-03	6.1252E-03
1.0266E-02	7.4831E-03
3.7033E-03	3.0865E-03
1.5879E-04	1.2483E-04

1.9040E+02	9.4433E+01
3.3356E-03	3.3920E-03
6.8257E-02	2.7944E-02
6.0522E+00	6.2823E+00
8.3824E-12	2.1025E-12
4.1288E-09	1.0356E-09
1.0196E+01	8.2051E+00
2.9145E+01	2.4085E+01
2.6219E+00	2.1851E+00
8.0890E-03	6.3589E-03
2.8934E-03	2.2745E-03
1.1320E+00	6.9128E-01
6.6981E-02	3.4208E-02
9.1555E-01	3.7481E-01
1.2874E+00	5.3574E-01
3.0070E-09	2.4079E-10
1.2679E-10	3.6926E-12
2.2264E+02	6.0016E+01
5.5343E-02	1.1886E-02
1.3155E-02	1.5558E-03
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
1.9084E+03	**1.2529E+03**

5.95_i200-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95_i200_w20-CR0-MDC-MPC-MTF_52GWD_40SP.out
5.95	5.95
200	200
0	20
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
4.6798E+02	3.6484E+02
3.3018E-01	2.3002E-01
3.3775E-12	2.4300E-12
6.4632E-02	4.9914E-02
1.0454E-09	8.7309E-10
1.2458E-16	8.2403E-17
6.0412E+03	4.8664E+03
3.0618E-04	1.9673E-04
4.8066E-06	5.7103E-06
4.6336E-10	5.5048E-10
5.9352E+04	4.6860E+04
5.9365E+04	4.6873E+04
1.9727E-04	2.2862E-04
4.6495E-01	3.2341E-01
1.6554E+00	1.2559E+00
4.1768E-03	4.4730E-03
2.1685E-05	2.3222E-05
1.8943E-03	2.0286E-03
1.7655E-06	1.1572E-06
1.2094E+01	9.3280E+00
5.0406E-02	0.0000E+00
6.0258E-02	4.0359E-02
2.0141E+00	1.2237E+00
7.9873E-09	7.3234E-09
8.0744E-09	7.4030E-09
1.2801E+04	9.7007E+03
1.2801E+04	9.7007E+03
1.0930E-01	6.7364E-02
8.5386E-04	4.0961E-04
1.4994E-01	5.4630E-02
1.4994E-01	5.4630E-02
3.9255E-01	2.1172E-01
2.8864E+01	1.5568E+01
2.2550E-01	2.1952E-01
1.8460E-10	1.5602E-10
1.9613E-14	1.6577E-14

1.9782E+00	1.7657E+00
1.7107E+01	1.1983E+01
2.2044E+01	1.5440E+01
4.6864E-02	4.0559E-02
3.2490E-04	1.4648E-04
5.9528E-07	3.6690E-07
2.1428E+03	1.6752E+03
5.2470E+02	4.1021E+02
3.4554E-02	2.3488E-02
2.4681E-01	1.6777E-01
2.4681E-01	1.6777E-01
3.7941E-02	3.9158E-02
3.8735E-02	3.9978E-02
2.5355E-02	1.7891E-02
5.6179E-13	5.4270E-13
8.9043E-13	8.6016E-13
3.2948E-01	9.4987E-02
3.6110E+04	2.2029E+04
5.3112E-01	4.2012E-01
8.2852E+04	6.0865E+04
8.7490E+04	6.4271E+04
1.3689E-02	8.5932E-03
9.1841E-12	9.5022E-12
7.4527E+03	7.6705E+03
7.4532E+03	7.6710E+03
7.1161E+01	7.3238E+01
3.1955E-01	2.1256E-01
6.2269E-02	6.1868E-02
2.7114E+04	2.7772E+04
4.9799E-11	5.5638E-11
1.0315E-09	1.1525E-09
2.4017E+02	2.3811E+02
1.3000E+00	1.6418E+00
4.5461E-02	4.2341E-02
5.2527E+03	3.7091E+03
2.2087E+03	1.4469E+03
2.4059E-05	1.2044E-05
0.0000E+00	0.0000E+00
1.9202E-02	0.0000E+00
5.3429E-02	2.8124E-02
5.3429E-02	2.8124E-02
3.4226E-02	1.8016E-02
5.3429E-02	2.8124E-02
5.3429E-02	2.8124E-02
5.3429E-02	2.8124E-02
5.3407E-02	2.8113E-02
8.4612E-03	1.6791E-02

7.2420E-02	3.8603E-02
3.5164E-01	2.6274E-01
1.3182E-01	1.3393E-01
1.3182E-01	1.3393E-01
7.1557E-01	8.5096E-01
0.0000E+00	1.6791E-02
4.3985E-01	2.4450E-01
2.5173E-01	2.2753E-01
3.5164E-01	2.6274E-01
2.0408E+00	1.7740E+00
3.2672E-02	2.7690E-02
5.7864E+03	2.9921E+03
1.3182E-01	1.3393E-01
2.8538E+01	1.1980E+01
1.9590E+02	2.1326E+02
8.6187E-10	2.2728E-10
7.1821E-07	1.8940E-07
3.2899E+02	2.6969E+02
8.8106E+02	7.6032E+02
8.3191E+04	7.2314E+04
7.0853E+00	6.0047E+00
7.1179E+00	6.0324E+00
3.1077E+01	1.9836E+01
2.2759E+00	1.1719E+00
2.8538E+01	1.1980E+01
3.5578E+01	1.5665E+01
2.6599E-06	2.3247E-07
1.9338E-08	6.6568E-10
6.3989E+03	1.8073E+03
2.3344E-08	0.0000E+00
1.6673E+00	3.9158E-01
4.0446E-01	5.0591E-02
0.0000E+00	0.0000E+00
5.0676E+05	**3.9469E+05**
7.3625E+03	7.1029E+03
1.6929E+00	1.6333E+00
4.8642E-02	3.7921E-02
1.7122E-02	1.3651E-02
3.1203E+01	4.5896E+01
4.4893E+01	7.4008E+01
7.2688E+00	7.0809E+00
9.6294E+01	2.8098E+02
2.7940E-02	6.3026E+01
7.7242E+00	5.5106E+00
7.3718E-02	5.1357E-02
1.1731E+05	1.1656E+05

4.7687E+01	4.6803E+01
0.0000E+00	1.7057E-02
0.0000E+00	2.7919E-02
0.0000E+00	1.4656E+03
0.0000E+00	7.6534E-01
4.3527E+00	4.9038E+00
8.7287E+01	9.8340E+01
1.0088E+01	1.1366E+01
2.5586E+00	2.8825E+00
1.2364E+01	1.3930E+01
2.0127E+02	2.2675E+02
4.7313E+00	5.3302E+00
6.4068E-01	7.2182E-01
9.4437E-03	0.0000E+00
2.0184E-02	1.4472E-02
5.2602E-02	3.7191E-02
1.2033E-01	8.9654E-02
3.2917E-01	2.4588E-01
7.7598E-03	0.0000E+00
7.4703E-01	5.7574E-01
2.1879E+00	1.6085E+00
4.2089E+00	3.2505E+00
1.2308E+01	9.1630E+00
1.9422E+01	1.4682E+01
8.7595E-01	4.6609E-01
3.1266E+01	2.3478E+01
3.3856E+01	2.9637E+01
1.0704E+02	7.7695E+01
1.5434E+01	1.2432E+01
9.9339E+01	7.5970E+01
1.7252E+02	1.3298E+02
9.4723E-01	4.9073E-01
2.2616E+02	1.7464E+02
1.9815E-02	9.8419E-03
3.1532E+02	2.4376E+02
1.6537E-10	1.9646E-10
4.1985E+02	3.2546E+02
4.2972E+02	3.3929E+02
1.0900E-01	8.6064E-02
5.2316E+04	5.8868E+04
8.0357E-09	9.3126E-09
1.2063E+04	1.3388E+04
1.8399E+04	2.0495E+04
6.5820E+02	4.9936E+02
5.5070E-02	2.5804E-02
1.9147E+04	2.1285E+04
6.8477E+02	5.2567E+02

1.0622E-07	1.1376E-07
8.8163E-08	9.4415E-08
6.2414E+01	3.0863E+01
3.7888E+03	3.9757E+03
7.5456E+02	5.5700E+02
7.8905E+02	5.7270E+02
4.6068E-02	2.4636E-02
4.9276E-02	3.3383E-02
7.0629E+02	5.4476E+02
8.8625E+02	6.4293E+02
1.5543E+02	8.0907E+01
7.0972E+02	5.2408E+02
7.9636E+02	5.4864E+02
3.6634E+02	3.0231E+02
2.4974E-13	2.2898E-13
3.0757E+02	1.5910E+02
5.4023E+02	3.5914E+02
3.7675E+02	2.4970E+02
3.7393E+02	2.2312E+02
3.8600E+00	2.9252E+00
2.1245E+02	1.3094E+02
1.4564E+02	8.6860E+01
6.7386E+01	4.3907E+01
6.0680E-03	3.2727E-03
5.6421E+01	2.5050E+01
4.9430E+01	2.9042E+01
2.4742E+01	1.4457E+01
1.3002E+01	7.8470E+00
1.3827E+01	1.5578E+01
8.6654E-02	9.2356E-02
1.5146E+01	9.6628E+00
9.5762E+00	1.0789E+01
1.0716E+00	1.0019E+00
5.2268E+00	5.7790E+00
5.5048E+00	3.7335E+00
2.1906E+02	2.4451E+02
1.1939E+02	1.3227E+02
3.6860E+02	4.1313E+02
1.3481E+02	1.4984E+02
5.0244E+02	5.6395E+02
4.3787E+00	3.1234E+00
3.2728E-01	2.2923E-01
7.7928E+01	8.5149E+01
5.2910E-01	2.6158E-01
5.8089E+00	4.0923E+00
7.5922E-03	0.0000E+00
1.0076E+02	1.0943E+02

4.4370E-01	2.1070E-01
2.0653E+00	1.6146E+00
9.8881E+00	6.6436E+00
2.8811E-02	2.2523E-02
1.9992E+01	1.3590E+01
9.4697E-01	5.6813E-01
4.1560E+01	2.9762E+01
4.1034E-06	4.2351E-06
8.9184E+01	6.1987E+01
5.3601E+00	2.5807E+00
1.4353E+02	1.0128E+02
2.9536E-17	2.8532E-17
6.1956E-02	2.0640E-02
3.6096E+02	2.5878E+02
8.8502E+00	3.9795E+00
3.2718E+02	2.7912E+02
1.1244E+03	7.6327E+02
9.7891E+02	7.6388E+02
2.1540E+02	1.1478E+02
2.7933E+01	1.7040E+01
1.4401E+03	1.0476E+03
9.7992E-01	2.8560E-01
4.6094E+02	3.6463E+02
3.6541E+01	1.9950E+01
2.0800E+03	1.4604E+03
1.8890E+02	1.2518E+02
1.0078E+03	7.4034E+02
1.2329E+03	9.0050E+02
8.3644E-02	4.4642E-02
1.1476E+03	8.4546E+02
1.1585E+03	8.4291E+02
3.2218E-16	3.3334E-16
1.0432E+03	7.7334E+02
1.0618E+03	7.8179E+02
3.0664E+01	1.4391E+01
6.6691E+02	5.8802E+02
2.3403E+00	2.4086E+00
1.3236E+03	8.9038E+02
5.9048E+02	4.6389E+02
7.0506E+02	4.8809E+02
9.6941E-03	0.0000E+00
2.9231E+01	2.9940E+01
1.4764E+02	1.3430E+02
3.4954E+02	2.5423E+02
3.0282E-16	3.3833E-16
4.8250E-14	5.3909E-14
1.8097E+02	1.0906E+02

2.1773E+00	2.4756E+00
1.6977E+02	1.1966E+02
2.7372E+02	1.9883E+02
3.6858E-01	3.6786E-01
9.1247E+00	9.0464E+00
2.9119E-02	2.7433E-02
7.3885E+01	6.0975E+01
1.0451E+02	7.6362E+01
1.9452E+01	1.3735E+01
1.3791E+01	8.8145E+00
3.6426E+01	2.3746E+01
4.5492E+00	2.9803E+00
4.9799E+00	3.2754E+00
1.2711E+02	5.5198E+01
1.4669E-01	1.0483E-01
2.4872E+01	1.1950E+01
2.7606E+00	1.5273E+00
4.0171E-01	1.7959E-01
1.1109E+00	6.5058E-01
4.1296E-01	2.4152E-01
2.9330E-01	1.5701E-01
2.3924E-01	1.1729E-01
7.3225E-02	3.8684E-02
1.2980E-01	4.7859E-02
4.5074E-02	1.5230E-02
7.0492E-03	0.0000E+00
1.6261E-02	1.8320E-02
5.4072E-01	6.0918E-01
1.9230E+00	2.1665E+00
2.8363E+00	3.1955E+00
1.4241E+00	1.6044E+00
3.6884E+00	4.1554E+00
2.4799E-03	2.8538E-03
5.0032E-03	0.0000E+00
1.1500E+02	1.3676E+02
3.9151E+03	7.7695E+03
3.8926E+03	3.5184E+03
4.9988E+02	3.7351E+02
2.5007E-05	2.1739E-05
1.2610E-07	1.0687E-07
3.3790E+02	1.7473E+02
3.9219E+05	3.9846E+05
1.2309E-04	5.1674E-05
3.1581E+03	3.4381E+03
1.4494E+03	1.1881E+03
2.5700E+02	2.2177E+02
8.0155E+02	6.9678E+02

6.7954E-01	5.7592E-01
9.3870E-03	5.9915E-03
5.7556E+02	2.9636E+02
1.4300E+02	6.0029E+01
7.0391E-01	3.0992E-01
7.9112E+01	2.2345E+01
3.9815E-02	1.0500E-02
9.7148E+00	2.2816E+00
1.3251E+00	1.6574E-01
2.8677E-02	0.0000E+00
0.0000E+00	0.0000E+00
6.6971E+05	**6.8366E+05**
1.5786E-02	1.2306E-02
1.3247E-15	9.5308E-16
2.5586E-13	2.1369E-13
7.7708E-19	5.1401E-19
9.0548E+00	7.2934E+00
4.9038E-06	3.1508E-06
1.6678E-08	1.9815E-08
2.4968E-12	2.9663E-12
6.8891E+01	5.4393E+01
3.2835E+02	2.5925E+02
7.0888E-07	8.2152E-07
8.0736E-05	0.0000E+00
1.8696E-04	0.0000E+00
2.0031E-05	2.1451E-05
3.2051E-08	3.4324E-08
9.5467E-06	1.0223E-05
3.9575E-03	3.0525E-03
2.3944E-04	1.6037E-04
2.5843E-02	1.5701E-02
1.8424E-12	1.6893E-12
2.6911E-11	2.4674E-11
1.2289E+02	9.3130E+01
7.6111E-01	5.7680E-01
3.1711E-06	1.5212E-06
7.7356E-05	2.8184E-05
2.8127E-03	1.5170E-03
4.8506E-01	2.6160E-01
0.0000E+00	0.0000E+00
6.9749E-13	5.8947E-13
3.8876E-17	3.2857E-17
1.0271E-03	9.1678E-04
1.1746E-02	8.2271E-03
4.9641E-03	3.4769E-03
1.4725E-04	1.2745E-04

4.7925E-07	2.1606E-07
7.8870E-09	4.8611E-09
6.7773E+00	5.2985E+00
4.5245E-01	3.5372E-01
6.3919E-04	4.3449E-04
3.2149E-03	2.1853E-03
2.3973E-04	1.6296E-04
5.1608E-05	5.3266E-05
2.1168E-05	2.1847E-05
2.0270E-15	1.9581E-15
1.6308E-15	1.5753E-15
8.9298E-04	0.0000E+00
3.6786E+02	2.2441E+02
2.3833E-04	1.8853E-04
3.2484E+02	2.3863E+02
9.3069E+01	6.8372E+01
1.5885E-05	9.9713E-06
1.3438E-14	1.3904E-14
4.8862E+00	5.0288E+00
5.4670E+01	5.6267E+01
2.4663E-02	2.5384E-02
9.9304E+00	1.0171E+01
3.8489E-13	4.3003E-13
1.3208E-11	1.4757E-11
2.8214E-02	2.7972E-02
1.0002E-02	1.2632E-02
3.9680E-05	3.6957E-05
4.7194E+01	3.3322E+01
1.6240E+00	1.0640E+00
1.9719E-07	9.8714E-08
4.5267E-04	2.3828E-04
8.9478E-04	4.7102E-04
1.8161E-03	9.5594E-04
2.1866E-03	1.1510E-03
2.0278E-03	1.0674E-03
1.8330E-03	9.6483E-04
1.7483E-03	9.2030E-04
2.3228E-03	1.2382E-03
8.6416E-04	6.4570E-04
6.4737E-04	6.5771E-04
2.0595E-02	2.4492E-02
2.3169E-04	4.5980E-04
1.5310E-02	8.5105E-03
6.8081E-03	6.1534E-03
1.0307E-02	7.7013E-03
3.7305E-03	3.2428E-03
1.6179E-04	1.3712E-04

1.9174E+02	9.9150E+01
3.3346E-03	3.3879E-03
6.8543E-02	2.8775E-02
6.0892E+00	6.6286E+00
8.4322E-12	2.2237E-12
4.1534E-09	1.0953E-09
1.0243E+01	8.3970E+00
2.9395E+01	2.5366E+01
2.6411E+00	2.2958E+00
8.2416E-03	6.9846E-03
2.9480E-03	2.4985E-03
1.1450E+00	7.3084E-01
6.7219E-02	3.4612E-02
9.1934E-01	3.8595E-01
1.3030E+00	5.7367E-01
3.0327E-09	2.6505E-10
1.2886E-10	4.4361E-12
2.2385E+02	6.3224E+01
5.5862E-02	1.3120E-02
1.3235E-02	1.6555E-03
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
1.9095E+03	**1.2648E+03**

5.95_i200_w20-CR0-MDC-MPC-MTF_72GWD_40SP.out
5.95
200
20
0
72
1.08
77.76
40
5
0.44
5.1647E+02
3.3718E-01
3.3701E-12
6.4733E-02
1.0459E-09
1.2283E-16
6.0051E+03
3.0206E-04
4.8070E-06
4.6336E-10
5.8903E+04
5.8920E+04
1.9728E-04
4.6262E-01
1.6469E+00
4.1774E-03
2.1688E-05
1.8946E-03
1.7495E-06
1.2058E+01
5.0653E-02
6.0315E-02
2.0185E+00
7.9900E-09
8.0771E-09
1.2869E+04
1.2869E+04
1.1050E-01
8.6438E-04
1.5407E-01
1.5407E-01
4.0010E-01
2.9419E+01
2.4412E-01
1.8535E-10
1.9693E-14

1.9841E+00
1.7266E+01
2.2249E+01
4.7023E-02
3.4114E-04
6.0834E-07
2.1553E+03
5.2778E+02
3.4834E-02
2.4882E-01
2.4882E-01
3.9113E-02
3.9932E-02
2.5552E-02
5.6681E-13
8.9839E-13
3.3539E-01
3.6420E+04
5.5185E-01
8.2790E+04
8.7424E+04
1.3695E-02
9.1859E-12
7.4422E+03
7.4422E+03
7.1056E+01
3.1709E-01
6.3074E-02
2.7036E+04
5.2382E-11
1.0851E-09
2.5378E+02
1.4617E+00
4.9997E-02
5.4683E+03
2.2346E+03
2.4746E-05
0.0000E+00
1.9771E-02
5.5009E-02
5.5009E-02
3.5239E-02
5.5009E-02
5.5009E-02
5.5009E-02
5.4987E-02
8.9540E-03

7.4580E-02
3.6028E-01
1.3164E-01
1.3164E-01
7.1372E-01
0.0000E+00
4.5382E-01
2.5309E-01
3.6028E-01
2.1535E+00
3.6478E-02
6.0205E+03
1.3164E-01
2.8875E+01
2.0795E+02
8.8915E-10
7.4096E-07
3.3603E+02
9.3320E+02
8.7784E+04
7.9108E+00
7.9468E+00
3.2784E+01
2.2765E+00
2.8875E+01
3.7844E+01
2.8076E-06
2.2077E-08
6.5701E+03
2.6220E-08
1.8054E+00
4.1517E-01
0.0000E+00
5.1145E+05
7.1029E+03
1.6336E+00
5.3680E-02
1.8918E-02
4.8101E+01
7.4043E+01
7.0127E+00
2.8098E+02
6.3034E+01
7.9992E+00
7.5280E-02
1.1656E+05

4.6864E+01
2.5066E-02
4.1041E-02
1.4651E+03
1.1927E+00
4.9038E+00
9.8340E+01
1.1366E+01
2.8825E+00
1.3930E+01
2.2675E+02
5.3302E+00
7.2182E-01
9.5647E-03
2.0353E-02
5.2941E-02
1.2043E-01
3.2949E-01
7.9803E-03
7.4857E-01
2.1828E+00
4.2154E+00
1.2247E+01
1.9343E+01
8.9272E-01
3.1144E+01
3.4082E+01
1.0606E+02
1.5341E+01
9.8648E+01
1.7132E+02
9.6584E-01
2.2455E+02
1.9907E-02
3.1299E+02
1.6538E-10
4.1671E+02
4.2648E+02
1.0818E-01
5.8890E+04
8.0362E-09
1.3510E+04
2.0636E+04
6.5485E+02
5.4890E-02
2.1465E+04
6.8178E+02

1.0624E-07
8.8176E-08
6.2858E+01
4.1683E+03
7.5297E+02
7.8830E+02
4.5813E-02
4.9214E-02
7.0422E+02
8.8559E+02
1.5682E+02
7.0840E+02
7.9917E+02
3.6888E+02
2.4982E-13
3.0832E+02
5.4415E+02
3.8124E+02
3.7795E+02
3.8807E+00
2.1479E+02
1.4762E+02
6.8160E+01
6.1846E-03
5.7996E+01
5.0081E+01
2.5075E+01
1.3190E+01
1.5578E+01
9.3434E-02
1.5304E+01
1.0789E+01
1.0724E+00
5.8604E+00
5.5585E+00
2.4630E+02
1.3391E+02
4.1470E+02
1.5133E+02
5.6544E+02
4.4075E+00
3.3033E-01
8.7085E+01
5.4450E-01
5.8516E+00
7.9891E-03
1.1240E+02

4.5927E-01
2.0773E+00
9.9678E+00
2.8978E-02
2.0155E+01
9.6285E-01
4.1800E+01
4.2302E-06
8.9465E+01
5.5334E+00
1.4465E+02
2.9801E-17
6.4033E-02
3.6110E+02
8.7107E+00
3.2626E+02
1.1262E+03
9.7601E+02
2.1791E+02
2.8172E+01
1.4381E+03
1.0165E+00
4.7894E+02
3.8264E+01
2.0592E+03
1.8874E+02
1.0071E+03
1.2306E+03
8.3679E-02
1.1458E+03
1.1556E+03
3.2224E-16
1.0414E+03
1.0592E+03
3.0216E+01
6.7844E+02
2.3369E+00
1.3052E+03
5.8846E+02
7.0369E+02
9.5740E-03
2.9147E+01
1.4644E+02
3.4908E+02
3.1853E-16
5.0754E-14
1.8242E+02

2.2895E+00
1.7014E+02
2.7431E+02
3.8999E-01
9.6422E+00
3.1454E-02
7.2798E+01
1.0473E+02
2.0250E+01
1.4354E+01
3.6705E+01
4.6028E+00
5.0477E+00
1.2612E+02
1.5929E-01
2.5198E+01
2.8084E+00
4.1500E-01
1.1264E+00
4.2923E-01
2.9684E-01
2.4320E-01
7.8835E-02
1.3063E-01
4.6046E-02
7.2103E-03
1.8320E-02
6.0918E-01
2.1665E+00
3.1955E+00
1.6044E+00
4.1554E+00
2.4515E-03
0.0000E+00
1.1471E+02
4.1432E+03
3.9136E+03
5.1216E+02
2.6389E-05
1.4079E-07
3.5158E+02
3.9166E+05
1.2455E-04
3.3526E+03
1.4804E+03
2.7221E+02
8.4581E+02

7.5869E-01
9.9026E-03
5.7570E+02
1.4469E+02
7.4870E-01
8.1228E+01
4.1074E-02
1.0520E+01
1.3602E+00
3.0269E-02
0.0000E+00
6.8366E+05
1.7420E-02
1.3218E-15
2.5598E-13
7.6613E-19
9.0002E+00
4.8378E-06
1.6680E-08
2.4970E-12
6.8372E+01
3.2588E+02
7.0893E-07
8.0326E-05
1.8600E-04
2.0034E-05
3.2056E-08
9.5480E-06
3.9457E-03
2.3967E-04
2.5899E-02
1.8430E-12
2.6920E-11
1.2355E+02
7.6520E-01
3.2101E-06
7.9482E-05
2.8668E-03
4.9438E-01
2.6878E-04
7.0030E-13
3.9034E-17
1.0302E-03
1.1855E-02
5.0103E-03
1.4776E-04

5.0318E-07
8.0604E-09
6.8165E+00
4.5509E-01
6.4438E-04
3.2410E-03
2.4168E-04
5.3205E-05
2.1822E-05
2.0452E-15
1.6454E-15
9.0900E-04
3.7103E+02
2.4764E-04
3.2461E+02
9.3003E+01
1.5893E-05
1.3441E-14
4.8787E+00
5.4591E+01
2.4627E-02
9.9018E+00
4.0487E-13
1.3894E-11
2.9813E-02
1.1246E-02
4.3639E-05
4.9126E+01
1.6431E+00
2.0283E-07
4.6609E-04
9.2127E-04
1.8698E-03
2.2513E-03
2.0878E-03
1.8872E-03
1.8000E-03
2.3922E-03
8.8537E-04
6.4649E-04
2.0543E-02
2.4519E-04
1.5796E-02
6.8446E-03
1.0560E-02
3.9365E-03
1.8064E-04

1.9950E+02
3.3301E-03
6.9353E-02
6.4636E+00
8.6988E-12
4.2847E-09
1.0462E+01
3.1135E+01
2.7869E+00
9.2017E-03
3.2915E-03
1.2079E+00
6.7236E-02
9.3020E-01
1.3860E+00
3.2010E-09
1.4711E-10
2.2984E+02
6.0487E-02
1.3586E-02
0.0000E+00
0.0000E+00
0.0000E+00
1.9283E+03

5.95_i200_w24-CR0-MDC-MPC-MTF_52GWD_40SP.out
5.95
200
24
0
52
1.07
55.64
40
5
0.44
3.7233E+02
2.3136E-01
2.4333E-12
4.9909E-02
8.7468E-10
8.2276E-17
4.8585E+03
1.9645E-04
5.7037E-06
5.4982E-10
4.6776E+04
4.6785E+04
2.2840E-04
3.2304E-01
1.2544E+00
4.4708E-03
2.3212E-05
2.0277E-03
1.1567E-06
9.3210E+00
0.0000E+00
4.0415E-02
1.2258E+00
7.3291E-09
7.4087E-09
9.7271E+03
9.7271E+03
6.7619E-02
4.1182E-04
5.5150E-02
5.5150E-02
2.1314E-01
1.5672E+01
2.2272E-01
1.5628E-10
1.6604E-14

1.7683E+00
1.2013E+01
1.5480E+01
4.0644E-02
1.4835E-04
3.6922E-07
1.6785E+03
4.1101E+02
2.3540E-02
1.6814E-01
1.6814E-01
3.9362E-02
4.0186E-02
1.7922E-02
5.4366E-13
8.6174E-13
9.5625E-02
2.2090E+04
4.2338E-01
6.0852E+04
6.4258E+04
8.6016E-03
9.5000E-12
7.6652E+03
7.6652E+03
7.3185E+01
2.1245E-01
6.1943E-02
2.7727E+04
5.6104E-11
1.1622E-09
2.4047E+02
1.6733E+00
4.2982E-02
3.7370E+03
1.4502E+03
1.2140E-05
0.0000E+00
0.0000E+00
2.8358E-02
2.8358E-02
1.8166E-02
2.8358E-02
2.8358E-02
2.8358E-02
2.8347E-02
1.6886E-02

3.8929E-02
2.6429E-01
1.3390E-01
1.3390E-01
8.4946E-01
1.6886E-02
2.4673E-01
2.2776E-01
2.6429E-01
1.7922E+00
2.8227E-02
3.0219E+03
1.3390E-01
1.2046E+01
2.1562E+02
2.2970E-10
1.9141E-07
2.7100E+02
7.6846E+02
7.3053E+04
6.1213E+00
6.1494E+00
2.0063E+01
1.1743E+00
1.2046E+01
1.5882E+01
2.3651E-07
6.8939E-10
1.8251E+03
0.0000E+00
3.9927E-01
5.1128E-02
0.0000E+00
3.9539E+05
7.0510E+03
1.6214E+00
3.8698E-02
1.3931E-02
4.9262E+01
7.9834E+01
7.0352E+00
3.1792E+02
7.5627E+01
5.5568E+00
5.1656E-02
1.1641E+05

4.6636E+01
2.0558E-02
3.3649E-02
1.7587E+03
9.1608E-01
5.0138E+00
1.0055E+02
1.1621E+01
2.9473E+00
1.4243E+01
2.3185E+02
5.4503E+00
7.3801E-01
0.0000E+00
1.4505E-02
3.7253E-02
8.9681E-02
2.4592E-01
0.0000E+00
5.7578E-01
1.6077E+00
3.2502E+00
9.1524E+00
1.4668E+01
4.6851E-01
2.3455E+01
2.9633E+01
7.7559E+01
1.2412E+01
7.5843E+01
1.3275E+02
4.9328E-01
1.7434E+02
9.8630E-03
2.4332E+02
1.9624E-10
3.2487E+02
3.3866E+02
8.5906E-02
6.0183E+04
9.3034E-09
1.3677E+04
2.0943E+04
4.9874E+02
2.5822E-02
2.1749E+04
5.2510E+02

1.1370E-07
9.4371E-08
3.0951E+01
4.0517E+03
5.5669E+02
5.7257E+02
2.4647E-02
3.3373E-02
5.4437E+02
6.4280E+02
8.1162E+01
5.2391E+02
5.4908E+02
3.0263E+02
2.2915E-13
1.5939E+02
3.5987E+02
2.5048E+02
2.2389E+02
2.9332E+00
1.3143E+02
8.7234E+01
4.4066E+01
3.2947E-03
2.5257E+01
2.9163E+01
1.4516E+01
7.8791E+00
1.5928E+01
9.3619E-02
9.6928E+00
1.1031E+01
1.0018E+00
5.9057E+00
3.7437E+00
2.4995E+02
1.3518E+02
4.2235E+02
1.5314E+02
5.7653E+02
3.1300E+00
2.2982E-01
8.6979E+01
2.6366E-01
4.1014E+00
0.0000E+00
1.1176E+02

2.1257E-01
1.6177E+00
6.6585E+00
2.2567E-02
1.3620E+01
5.7015E-01
2.9811E+01
4.2570E-06
6.2044E+01
2.6016E+00
1.0146E+02
2.8584E-17
2.0848E-02
2.5880E+02
3.9743E+00
2.7886E+02
7.6366E+02
7.6327E+02
1.1517E+02
1.7087E+01
1.0472E+03
2.8853E-01
3.6746E+02
2.0166E+01
1.4571E+03
1.2515E+02
7.4021E+02
9.0002E+02
4.4700E-02
8.4502E+02
8.4242E+02
3.3327E-16
7.7290E+02
7.8131E+02
1.4370E+01
5.8881E+02
2.4069E+00
8.8827E+02
4.6345E+02
4.8796E+02
0.0000E+00
2.9893E+01
1.3398E+02
2.5415E+02
3.4116E-16
5.4358E-14
1.0934E+02

2.4985E+00
1.1973E+02
1.9886E+02
3.7159E-01
9.1362E+00
2.7760E-02
6.0817E+01
7.6419E+01
1.3838E+01
8.8818E+00
2.3801E+01
2.9869E+00
3.2838E+00
5.5216E+01
1.0657E-01
1.2002E+01
1.5345E+00
1.8118E-01
6.5344E-01
2.4340E-01
1.5761E-01
1.1794E-01
3.9277E-02
4.8030E-02
1.5334E-02
0.0000E+00
1.8732E-02
6.2291E-01
2.2152E+00
3.2673E+00
1.6405E+00
4.2488E+00
2.8457E-03
0.0000E+00
1.3653E+02
7.8135E+03
3.5219E+03
3.7571E+02
2.1961E-05
1.0894E-07
1.7647E+02
3.9836E+05
5.1960E-05
3.4761E+03
1.1939E+03
2.2415E+02
7.0391E+02

5.8709E-01
6.0601E-03
2.9697E+02
6.0359E+01
3.1422E-01
2.2565E+01
1.0611E-02
2.3264E+00
1.6751E-01
0.0000E+00
0.0000E+00
6.8646E+05
1.2559E-02
9.5440E-16
2.1408E-13
5.1317E-19
7.2820E+00
3.1463E-06
1.9792E-08
2.9629E-12
5.4292E+01
2.5877E+02
8.2073E-07
0.0000E+00
0.0000E+00
2.1442E-05
3.4308E-08
1.0219E-05
3.0502E-03
1.6059E-04
1.5728E-02
1.6905E-12
2.4692E-11
9.3386E+01
5.7838E-01
1.5294E-06
2.8451E-05
1.5272E-03
2.6336E-01
0.0000E+00
5.9048E-13
3.2911E-17
9.1815E-04
8.2482E-03
3.4859E-03
1.2771E-04

2.1882E-07
4.8919E-09
5.3086E+00
3.5441E-01
4.3545E-04
2.1902E-03
1.6332E-04
5.3544E-05
2.1960E-05
1.9617E-15
1.5782E-15
0.0000E+00
2.2503E+02
1.8999E-04
2.3859E+02
6.8354E+01
9.9814E-06
1.3901E-14
5.0252E+00
5.6228E+01
2.5366E-02
1.0155E+01
4.3363E-13
1.4881E-11
2.8249E-02
1.2874E-02
3.7517E-05
3.3573E+01
1.0663E+00
9.9497E-08
2.4026E-04
4.7494E-04
9.6391E-04
1.1606E-03
1.0763E-03
9.7284E-04
9.2792E-04
1.2486E-03
6.4948E-04
6.5754E-04
2.4450E-02
4.6240E-04
8.5879E-03
6.1596E-03
7.7466E-03
3.2760E-03
1.3978E-04

1.0014E+02
3.3871E-03
2.8932E-02
6.7021E+00
2.2473E-12
1.1069E-09
8.4374E+00
2.5638E+01
2.3193E+00
7.1201E-03
2.5469E-03
7.3920E-01
3.4683E-02
3.8807E-01
5.8164E-01
2.6966E-10
4.5940E-12
6.3848E+01
1.3377E-02
1.6731E-03
0.0000E+00
0.0000E+00
0.0000E+00
1.2673E+03

5.95_i200_w24-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95_i80-CR0-MDC-MPC-MTF_52GWD_40SP.out
5.95	5.95
200	80
24	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
5.2637E+02	2.7506E+02
3.3860E-01	2.1116E-01
3.3687E-12	2.3430E-12
6.4755E-02	4.9918E-02
1.0460E-09	8.5791E-10
1.2248E-16	8.0722E-17
5.9976E+03	4.9553E+03
3.0124E-04	1.9246E-04
4.8070E-06	5.7724E-06
4.6341E-10	5.5647E-10
5.8815E+04	4.7890E+04
5.8828E+04	4.7903E+04
1.9728E-04	2.3070E-04
4.6213E-01	3.2731E-01
1.6452E+00	1.2742E+00
4.1775E-03	4.4906E-03
2.1689E-05	2.3315E-05
1.8947E-03	2.0367E-03
1.7463E-06	1.1183E-06
1.2050E+01	9.4103E+00
5.0706E-02	0.0000E+00
6.0333E-02	3.8260E-02
2.0195E+00	1.1559E+00
7.9908E-09	7.2662E-09
8.0775E-09	7.3449E-09
1.2883E+04	9.4085E+03
1.2883E+04	9.4085E+03
1.1074E-01	6.4429E-02
8.6649E-04	3.6939E-04
1.5491E-01	4.6706E-02
1.5491E-01	4.6706E-02
4.0161E-01	1.9523E-01
2.9531E+01	1.4355E+01
2.4811E-01	1.8455E-01
1.8551E-10	1.5159E-10
1.9709E-14	1.6106E-14

1.9854E+00	1.7203E+00
1.7299E+01	1.1524E+01
2.2291E+01	1.4849E+01
4.7058E-02	3.9697E-02
3.4452E-04	1.2280E-04
6.1098E-07	3.3597E-07
2.1578E+03	1.6282E+03
5.2840E+02	3.9870E+02
3.4891E-02	2.2799E-02
2.4922E-01	1.6285E-01
2.4922E-01	1.6285E-01
3.9358E-02	3.6850E-02
4.0181E-02	3.7621E-02
2.5592E-02	1.7510E-02
5.6786E-13	5.3104E-13
9.0006E-13	8.4172E-13
3.3660E-01	8.4260E-02
3.6483E+04	2.1328E+04
5.5620E-01	3.8281E-01
8.2777E+04	6.1015E+04
8.7410E+04	6.4429E+04
1.3698E-02	8.1646E-03
9.1863E-12	9.5190E-12
7.4400E+03	7.7286E+03
7.4400E+03	7.7286E+03
7.1034E+01	7.3792E+01
3.1659E-01	2.0573E-01
6.3241E-02	5.8722E-02
2.7021E+04	2.8251E+04
5.2928E-11	5.0503E-11
1.0963E-09	1.0461E-09
2.5666E+02	2.1143E+02
1.4961E+00	1.2966E+00
5.0965E-02	3.5074E-02
5.5141E+03	3.3836E+03
2.2401E+03	1.4063E+03
2.4886E-05	1.0861E-05
0.0000E+00	0.0000E+00
1.9890E-02	0.0000E+00
5.5343E-02	2.4605E-02
5.5343E-02	2.4605E-02
3.5452E-02	1.5762E-02
5.5343E-02	2.4605E-02
5.5343E-02	2.4605E-02
5.5343E-02	2.4605E-02
5.5317E-02	2.4596E-02
9.0526E-03	1.5630E-02

7.5033E-02	3.3683E-02
3.6208E-01	2.4498E-01
1.3161E-01	1.3431E-01
1.3161E-01	1.3431E-01
7.1337E-01	8.6878E-01
0.0000E+00	0.0000E+00
4.5672E-01	2.1057E-01
2.5338E-01	2.2433E-01
3.6208E-01	2.4498E-01
2.1775E+00	1.5858E+00
3.7302E-02	2.2146E-02
6.0698E+03	2.6385E+03
1.3161E-01	1.3431E-01
2.8937E+01	1.1183E+01
2.1050E+02	1.8842E+02
8.9430E-10	1.9631E-10
7.4523E-07	1.6359E-07
3.3753E+02	2.5415E+02
9.4433E+02	6.7558E+02
8.8761E+04	6.4645E+04
8.0894E+00	4.8026E+00
8.1264E+00	4.8246E+00
3.3149E+01	1.7421E+01
2.2763E+00	1.1497E+00
2.8937E+01	1.1183E+01
3.8328E+01	1.3215E+01
2.8336E-06	1.7845E-07
2.2646E-08	3.8846E-10
6.6022E+03	1.5775E+03
2.6801E-08	0.0000E+00
1.8345E+00	3.0129E-01
4.1674E-01	4.2695E-02
0.0000E+00	0.0000E+00
5.1245E+05	**3.8753E+05**
7.0510E+03	7.9169E+03
1.6217E+00	1.8201E+00
5.4710E-02	2.8589E-02
1.9286E-02	1.0298E-02
5.1484E+01	3.9830E+00
7.9873E+01	0.0000E+00
6.9617E+00	7.8148E+00
3.1791E+02	3.4586E+01
7.5636E+01	1.6722E-02
8.0551E+00	4.9091E+00
7.5601E-02	4.7146E-02
1.1641E+05	1.2170E+05

4.6697E+01	4.9394E+01
3.0162E-02	0.0000E+00
4.9386E-02	0.0000E+00
1.7582E+03	0.0000E+00
1.4256E+00	0.0000E+00
5.0138E+00	4.6803E+00
1.0055E+02	9.3861E+01
1.1621E+01	1.0848E+01
2.9473E+00	2.7512E+00
1.4243E+01	1.3295E+01
2.3185E+02	2.1642E+02
5.4503E+00	5.0877E+00
7.3801E-01	6.8891E-01
9.5898E-03	0.0000E+00
2.0387E-02	1.3932E-02
5.3011E-02	3.6238E-02
1.2045E-01	8.9012E-02
3.2956E-01	2.4462E-01
8.0265E-03	0.0000E+00
7.4892E-01	5.7438E-01
2.1818E+00	1.6163E+00
4.2168E+00	3.2509E+00
1.2235E+01	9.2875E+00
1.9327E+01	1.4861E+01
8.9619E-01	4.3565E-01
3.1119E+01	2.3752E+01
3.4129E+01	2.9665E+01
1.0586E+02	7.9288E+01
1.5322E+01	1.2659E+01
9.8512E+01	7.7497E+01
1.7108E+02	1.3560E+02
9.6967E-01	4.5606E-01
2.2423E+02	1.7820E+02
1.9926E-02	8.9518E-03
3.1251E+02	2.4898E+02
1.6538E-10	1.9861E-10
4.1608E+02	3.3252E+02
4.2583E+02	3.4673E+02
1.0802E-01	8.7952E-02
6.0205E+04	5.5920E+04
8.0362E-09	9.3975E-09
1.3799E+04	1.2746E+04
2.1083E+04	1.9498E+04
6.5415E+02	5.0662E+02
5.4855E-02	2.4642E-02
2.1929E+04	2.0251E+04
6.8116E+02	5.3249E+02

1.0625E-07	1.1421E-07
8.8180E-08	9.4789E-08
6.2946E+01	2.9778E+01
4.2443E+03	3.8094E+03
7.5262E+02	5.6056E+02
7.8817E+02	5.7433E+02
4.5760E-02	2.3586E-02
4.9205E-02	3.3407E-02
7.0378E+02	5.4960E+02
8.8546E+02	6.4442E+02
1.5710E+02	7.7862E+01
7.0814E+02	5.2620E+02
7.9974E+02	5.4309E+02
3.6941E+02	2.9896E+02
2.4984E-13	2.2719E-13
3.0845E+02	1.5491E+02
5.4494E+02	3.5032E+02
3.8215E+02	2.4047E+02
3.7875E+02	2.1380E+02
3.8848E+00	2.8371E+00
2.1525E+02	1.2523E+02
1.4801E+02	8.2557E+01
6.8314E+01	4.2120E+01
6.2080E-03	3.0178E-03
5.8313E+01	2.2619E+01
5.0208E+01	2.7633E+01
2.5141E+01	1.3745E+01
1.3228E+01	7.4268E+00
1.5928E+01	1.4868E+01
9.4877E-02	7.8566E-02
1.5336E+01	9.2413E+00
1.1031E+01	1.0297E+01
1.0725E+00	1.0027E+00
5.9875E+00	5.5150E+00
5.5695E+00	3.5817E+00
2.5175E+02	2.3332E+02
1.3682E+02	1.2627E+02
4.2393E+02	3.9431E+02
1.5463E+02	1.4303E+02
5.7807E+02	5.3825E+02
4.4132E+00	3.0097E+00
3.3094E-01	2.2045E-01
8.8920E+01	8.1294E+01
5.4767E-01	2.3391E-01
5.8604E+00	3.9385E+00
8.0718E-03	0.0000E+00
1.1473E+02	1.0453E+02

4.6248E-01	1.8690E-01
2.0797E+00	1.5693E+00
9.9836E+00	6.4293E+00
2.9012E-02	2.1891E-02
2.0188E+01	1.3192E+01
9.6611E-01	5.4177E-01
4.1848E+01	2.9176E+01
4.2566E-06	3.9854E-06
8.9518E+01	6.1305E+01
5.5695E+00	2.3186E+00
1.4487E+02	9.9123E+01
2.9855E-17	2.7921E-17
6.4460E-02	1.7980E-02
3.6113E+02	2.5842E+02
8.6808E+00	4.0262E+00
3.2608E+02	2.8225E+02
1.1266E+03	7.5821E+02
9.7544E+02	7.7079E+02
2.1842E+02	1.1029E+02
2.8222E+01	1.6498E+01
1.4377E+03	1.0523E+03
1.0241E+00	2.5142E-01
4.8272E+02	3.3225E+02
3.8631E+01	1.7460E+01
2.0548E+03	1.4966E+03
1.8871E+02	1.2553E+02
1.0069E+03	7.4219E+02
1.2301E+03	9.0605E+02
8.3688E-02	4.2528E-02
1.1454E+03	8.5048E+02
1.1550E+03	8.4872E+02
3.2226E-16	3.3392E-16
1.0410E+03	7.7823E+02
1.0587E+03	7.8778E+02
3.0122E+01	1.4604E+01
6.8086E+02	5.7816E+02
2.3362E+00	2.4268E+00
1.3013E+03	9.1595E+02
5.8806E+02	4.6957E+02
7.0338E+02	4.8932E+02
9.5498E-03	0.0000E+00
2.9131E+01	3.0457E+01
1.4620E+02	1.3799E+02
3.4898E+02	2.5497E+02
3.2185E-16	3.0711E-16
5.1282E-14	4.8932E-14
1.8271E+02	1.0567E+02

2.3133E+00	2.2266E+00
1.7021E+02	1.1866E+02
2.7443E+02	1.9812E+02
3.9452E-01	3.2582E-01
9.7513E+00	8.0331E+00
3.1946E-02	2.3676E-02
7.2574E+01	6.2982E+01
1.0477E+02	7.5733E+01
2.0420E+01	1.2530E+01
1.4474E+01	8.0252E+00
3.6760E+01	2.3073E+01
4.6138E+00	2.8965E+00
5.0618E+00	3.1713E+00
1.2589E+02	5.4573E+01
1.6203E-01	8.5804E-02
2.5261E+01	1.1273E+01
2.8180E+00	1.4416E+00
4.1771E-01	1.5998E-01
1.1294E+00	6.1706E-01
4.3262E-01	2.1981E-01
2.9753E-01	1.4924E-01
2.4397E-01	1.0952E-01
8.0036E-02	3.1924E-02
1.3072E-01	4.5118E-02
4.6218E-02	1.3711E-02
7.2406E-03	0.0000E+00
1.8732E-02	1.7486E-02
6.2291E-01	5.8146E-01
2.2152E+00	2.0678E+00
3.2673E+00	3.0499E+00
1.6405E+00	1.5313E+00
4.2488E+00	3.9661E+00
2.4457E-03	2.9574E-03
0.0000E+00	0.0000E+00
1.1465E+02	1.3963E+02
4.1888E+03	7.2323E+03
3.9182E+03	3.4688E+03
5.1476E+02	3.4826E+02
2.6682E-05	1.9433E-05
1.4397E-07	8.5470E-08
3.5446E+02	1.5408E+02
3.9155E+05	3.9959E+05
1.2481E-04	4.8237E-05
3.3935E+03	3.0376E+03
1.4870E+03	1.1197E+03
2.7545E+02	1.9706E+02
8.5523E+02	6.2286E+02

7.7581E-01	4.6059E-01
1.0013E-02	5.2620E-03
5.7565E+02	2.9076E+02
1.4500E+02	5.6038E+01
7.5830E-01	2.6146E-01
8.1629E+01	1.9503E+01
4.1313E-02	9.0684E-03
1.0689E+01	1.7556E+00
1.3654E+00	1.3988E-01
3.0549E-02	0.0000E+00
0.0000E+00	0.0000E+00
6.8645E+05	**6.8182E+05**
1.7755E-02	9.2778E-03
1.3212E-15	9.1894E-16
2.5601E-13	2.0997E-13
7.6397E-19	5.0349E-19
8.9892E+00	7.4268E+00
4.8246E-06	3.0824E-06
1.6680E-08	2.0031E-08
2.4971E-12	2.9987E-12
6.8266E+01	5.5585E+01
3.2538E+02	2.6494E+02
7.0893E-07	8.2900E-07
8.0247E-05	0.0000E+00
1.8580E-04	0.0000E+00
2.0035E-05	2.1537E-05
3.2058E-08	3.4461E-08
9.5484E-06	1.0264E-05
3.9434E-03	3.0795E-03
2.3973E-04	1.5203E-04
2.5911E-02	1.4832E-02
1.8432E-12	1.6760E-12
2.6922E-11	2.4481E-11
1.2368E+02	9.0328E+01
7.6600E-01	5.5942E-01
3.2180E-06	0.0000E+00
7.9917E-05	2.4096E-05
2.8776E-03	1.3989E-03
4.9623E-01	2.4123E-01
2.7317E-04	0.0000E+00
7.0088E-13	5.7275E-13
3.9066E-17	3.1924E-17
1.0309E-03	8.9324E-04
1.1877E-02	7.9121E-03
5.0195E-03	3.3438E-03
1.4786E-04	1.2474E-04

5.0820E-07	1.8112E-07
8.0956E-09	4.4515E-09
6.8244E+00	5.1498E+00
4.5562E-01	3.4380E-01
6.4544E-04	4.2176E-04
3.2463E-03	2.1213E-03
2.4207E-04	1.5818E-04
5.3535E-05	5.0125E-05
2.1958E-05	2.0559E-05
2.0489E-15	1.9162E-15
1.6484E-15	1.5416E-15
9.1230E-04	0.0000E+00
3.7167E+02	2.1728E+02
2.4959E-04	1.7179E-04
3.2456E+02	2.3923E+02
9.2990E+01	6.8543E+01
1.5895E-05	9.4741E-06
1.3442E-14	1.3928E-14
4.8774E+00	5.0666E+00
5.4578E+01	5.6694E+01
2.4620E-02	2.5575E-02
9.8960E+00	1.0347E+01
4.0908E-13	3.9035E-13
1.4039E-11	1.3395E-11
3.0151E-02	2.4838E-02
1.1511E-02	9.9761E-03
4.4484E-05	3.0614E-05
4.9540E+01	3.0399E+01
1.6472E+00	1.0341E+00
2.0397E-07	8.9012E-08
4.6886E-04	2.0847E-04
9.2682E-04	4.1207E-04
1.8810E-03	8.3635E-04
2.2649E-03	1.0070E-03
2.1004E-03	9.3386E-04
1.8986E-03	8.4410E-04
1.8108E-03	8.0511E-04
2.4068E-03	1.0804E-03
8.8981E-04	6.0205E-04
6.4632E-04	6.5956E-04
2.0532E-02	2.5005E-02
2.4788E-04	4.2800E-04
1.5898E-02	7.3291E-03
6.8526E-03	6.0667E-03
1.0613E-02	7.1808E-03
3.9803E-03	2.8989E-03
1.8472E-04	1.0967E-04

2.0114E+02	8.7432E+01
3.3292E-03	3.3976E-03
6.9502E-02	2.6860E-02
6.5428E+00	5.8564E+00
8.7494E-12	1.9206E-12
4.3096E-09	9.4600E-10
1.0509E+01	7.9130E+00
3.1505E+01	2.2539E+01
2.8179E+00	2.0523E+00
9.4094E-03	5.5862E-03
3.3658E-03	1.9982E-03
1.2214E+00	6.4187E-01
6.7228E-02	3.3957E-02
9.3223E-01	3.6027E-01
1.4037E+00	4.8400E-01
3.2307E-09	2.0346E-10
1.5091E-10	2.5886E-12
2.3096E+02	5.5185E+01
6.1464E-02	1.0095E-02
1.3637E-02	1.3971E-03
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
1.9321E+03	**1.2359E+03**

5.95_i80-CR0-MDC-MPC-MTF_72GWD_40SP.out	6.2_i200-CR0-MDC-MPC-MTF_52GWD_40SP.out
5.95	6.2
80	200
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
3.9462E+02	2.7130E+02
3.1578E-01	1.9372E-01
3.3063E-12	2.1748E-12
6.4394E-02	5.0200E-02
1.0472E-09	8.1994E-10
1.2205E-16	7.4853E-17
6.0870E+03	5.0415E+03
2.9968E-04	1.7815E-04
4.7876E-06	5.9523E-06
4.6152E-10	5.7380E-10
5.9928E+04	4.8849E+04
5.9941E+04	4.8862E+04
1.9656E-04	2.3673E-04
4.6737E-01	3.3038E-01
1.6659E+00	1.2908E+00
4.1691E-03	4.5456E-03
2.1645E-05	2.3599E-05
1.8909E-03	2.0615E-03
1.7179E-06	1.0275E-06
1.2138E+01	9.5036E+00
4.8233E-02	0.0000E+00
5.8018E-02	3.5216E-02
1.9378E+00	1.0694E+00
7.9900E-09	7.1174E-09
8.0766E-09	7.1944E-09
1.2747E+04	8.9716E+03
1.2747E+04	8.9716E+03
1.0798E-01	6.1230E-02
8.1017E-04	3.2500E-04
1.3884E-01	3.8361E-02
1.3884E-01	3.8361E-02
3.8344E-01	1.7436E-01
2.8194E+01	1.2820E+01
2.0136E-01	1.6730E-01
1.8182E-10	1.4365E-10
1.9317E-14	1.5262E-14

1.9532E+00	1.6567E+00
1.6762E+01	1.1099E+01
2.1599E+01	1.4302E+01
4.6776E-02	3.8135E-02
2.9637E-04	1.0126E-04
5.7050E-07	2.9978E-07
2.1156E+03	1.5773E+03
5.1806E+02	3.8622E+02
3.4070E-02	2.2134E-02
2.4336E-01	1.5810E-01
2.4336E-01	1.5810E-01
3.6325E-02	3.5704E-02
3.7085E-02	3.6451E-02
2.5063E-02	1.7195E-02
5.5440E-13	5.1968E-13
8.7877E-13	8.2368E-13
3.0893E-01	7.1874E-02
3.5720E+04	2.0184E+04
5.0252E-01	3.7838E-01
8.2931E+04	6.1068E+04
8.7573E+04	6.4486E+04
1.3131E-02	7.4347E-03
9.1740E-12	9.5797E-12
7.4589E+03	7.8157E+03
7.4589E+03	7.8157E+03
7.1218E+01	7.4624E+01
3.1064E-01	1.9436E-01
5.8762E-02	5.6756E-02
2.7150E+04	2.9212E+04
4.6411E-11	4.8492E-11
9.6131E-10	1.0045E-09
2.2187E+02	2.0046E+02
1.0968E+00	1.1954E+00
3.9392E-02	3.2943E-02
4.9540E+03	3.1299E+03
2.1707E+03	1.3495E+03
2.2961E-05	9.4565E-06
0.0000E+00	0.0000E+00
1.7840E-02	0.0000E+00
4.9641E-02	2.2187E-02
4.9641E-02	2.2187E-02
3.1799E-02	1.4213E-02
4.9641E-02	2.2187E-02
4.9641E-02	2.2187E-02
4.9641E-02	2.2187E-02
4.9619E-02	2.2178E-02
7.7893E-03	1.6615E-02

6.7184E-02	3.0198E-02
3.4037E-01	2.3628E-01
1.3206E-01	1.3423E-01
1.3206E-01	1.3423E-01
7.1821E-01	9.2976E-01
0.0000E+00	1.6615E-02
4.0496E-01	1.8419E-01
2.4881E-01	2.2983E-01
3.4037E-01	2.3628E-01
1.9044E+00	1.4890E+00
2.8138E-02	2.0077E-02
5.4454E+03	2.3838E+03
1.3206E-01	1.3423E-01
2.8312E+01	9.9686E+00
1.8121E+02	1.7692E+02
8.2280E-10	1.5754E-10
6.8565E-07	1.3128E-07
3.1757E+02	2.4310E+02
8.1792E+02	6.3496E+02
7.7629E+04	6.0698E+04
6.1019E+00	4.3539E+00
6.1301E+00	4.3740E+00
2.9022E+01	1.6101E+01
2.2979E+00	1.0936E+00
2.8312E+01	9.9686E+00
3.2571E+01	1.1349E+01
2.4083E-06	1.1525E-07
1.4713E-08	1.8557E-10
6.1596E+03	1.2800E+03
1.9020E-08	0.0000E+00
1.4698E+00	2.1919E-01
3.8544E-01	3.0743E-02
0.0000E+00	0.0000E+00
5.0097E+05	**3.8380E+05**
7.9169E+03	8.9254E+03
1.8202E+00	2.0518E+00
4.1016E-02	2.8198E-02
1.4410E-02	1.0112E-02
6.0236E+00	5.0063E+00
0.0000E+00	0.0000E+00
7.8148E+00	8.8097E+00
3.4586E+01	3.8989E+01
2.5182E-02	1.5173E-02
7.2618E+00	4.4581E+00
7.0501E-02	4.3251E-02
1.2170E+05	1.2969E+05

4.9452E+01	5.2615E+01
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
4.6803E+00	5.2765E+00
9.3861E+01	1.0581E+02
1.0848E+01	1.2229E+01
2.7512E+00	3.1015E+00
1.3295E+01	1.4988E+01
2.1642E+02	2.4398E+02
5.0877E+00	5.7354E+00
6.8891E-01	7.7664E-01
9.1564E-03	0.0000E+00
1.9739E-02	1.3467E-02
5.1779E-02	3.5420E-02
1.1973E-01	8.8647E-02
3.2756E-01	2.4466E-01
7.3586E-03	0.0000E+00
7.4307E-01	5.7724E-01
2.1925E+00	1.6235E+00
4.1933E+00	3.2690E+00
1.2390E+01	9.3914E+00
1.9543E+01	1.5028E+01
8.4665E-01	4.0050E-01
3.1418E+01	2.3996E+01
3.3465E+01	3.0226E+01
1.0831E+02	8.0212E+01
1.5551E+01	1.2879E+01
1.0025E+02	7.8901E+01
1.7400E+02	1.3802E+02
9.0979E-01	4.1497E-01
2.2820E+02	1.8149E+02
1.8561E-02	8.1902E-03
3.1833E+02	2.5379E+02
1.6471E-10	2.0480E-10
4.2387E+02	3.3906E+02
4.3389E+02	3.5369E+02
1.1006E-01	8.9720E-02
5.5946E+04	6.3030E+04
8.0067E-09	9.6435E-09
1.2868E+04	1.4322E+04
1.9639E+04	2.1928E+04
6.6238E+02	5.1326E+02
5.3209E-02	2.2583E-02
2.0431E+04	2.2766E+04
6.8873E+02	5.3935E+02

1.0603E-07	1.1560E-07
8.8004E-08	9.5946E-08
6.1706E+01	2.7841E+01
4.0022E+03	4.2263E+03
7.5649E+02	5.6342E+02
7.8962E+02	5.7508E+02
4.4717E-02	2.1838E-02
4.9082E-02	3.3350E-02
7.0893E+02	5.5502E+02
8.8700E+02	6.4495E+02
1.5353E+02	7.3176E+01
7.1179E+02	5.2782E+02
7.9169E+02	5.3636E+02
3.6351E+02	2.9944E+02
2.4982E-13	2.2253E-13
3.0577E+02	1.4623E+02
5.3495E+02	3.4092E+02
3.7077E+02	2.3220E+02
3.6876E+02	2.0264E+02
3.8438E+00	2.7053E+00
2.0988E+02	1.1901E+02
1.4337E+02	7.7928E+01
6.6480E+01	4.0256E+01
5.9272E-03	2.6951E-03
5.4362E+01	2.0075E+01
4.8668E+01	2.6085E+01
2.4309E+01	1.2971E+01
1.2694E+01	6.9969E+00
1.4868E+01	1.6762E+01
7.7959E-02	7.2186E-02
1.4844E+01	8.8044E+00
1.0297E+01	1.1609E+01
1.0697E+00	1.0192E+00
5.5942E+00	6.1890E+00
5.3874E+00	3.4367E+00
2.3509E+02	2.6254E+02
1.2789E+02	1.4180E+02
3.9586E+02	4.4396E+02
1.4450E+02	1.6072E+02
5.3975E+02	6.0628E+02
4.2920E+00	2.9017E+00
3.2068E-01	2.1234E-01
8.3208E+01	9.0979E+01
5.0046E-01	2.0813E-01
5.6879E+00	3.7928E+00
6.9212E-03	0.0000E+00
1.0747E+02	1.1683E+02

4.1704E-01	1.6603E-01
2.0390E+00	1.5202E+00
9.7249E+00	6.2326E+00
2.8444E-02	2.1206E-02
1.9712E+01	1.2807E+01
9.1837E-01	5.1550E-01
4.1264E+01	2.8734E+01
3.9286E-06	3.8614E-06
8.8783E+01	6.0474E+01
5.0736E+00	2.0640E+00
1.4188E+02	9.7341E+01
2.9149E-17	2.7322E-17
5.8216E-02	1.5099E-02
3.6070E+02	2.5759E+02
9.0389E+00	3.8355E+00
3.2844E+02	2.8802E+02
1.1216E+03	7.4919E+02
9.8234E+02	7.7937E+02
2.1212E+02	1.0417E+02
2.7631E+01	1.5613E+01
1.4427E+03	1.0549E+03
9.2726E-01	2.1696E-01
4.3616E+02	3.2841E+02
3.4002E+01	1.6098E+01
2.1086E+03	1.4991E+03
1.8910E+02	1.2562E+02
1.0088E+03	7.4285E+02
1.2361E+03	9.0992E+02
8.0674E-02	3.9413E-02
1.1499E+03	8.5466E+02
1.1623E+03	8.5232E+02
3.2183E-16	3.3605E-16
1.0454E+03	7.8276E+02
1.0652E+03	7.9244E+02
3.1265E+01	1.3988E+01
6.4931E+02	5.8335E+02
2.3422E+00	2.4541E+00
1.3501E+03	9.2382E+02
5.9334E+02	4.7652E+02
7.0602E+02	4.8739E+02
9.4992E-03	0.0000E+00
2.9270E+01	3.1493E+01
1.4926E+02	1.4371E+02
3.4997E+02	2.5511E+02
2.8221E-16	2.9489E-16
4.4968E-14	4.6983E-14
1.7883E+02	1.0175E+02

2.0347E+00	2.1366E+00
1.6909E+02	1.1748E+02
2.7239E+02	1.9645E+02
3.3991E-01	3.0890E-01
8.4300E+00	7.6160E+00
2.5965E-02	2.3019E-02
7.5588E+01	6.5124E+01
1.0445E+02	7.4804E+01
1.8345E+01	1.1590E+01
1.3001E+01	7.4197E+00
3.6033E+01	2.2295E+01
4.4713E+00	2.7796E+00
4.8831E+00	3.0393E+00
1.2819E+02	5.0877E+01
1.2965E-01	7.3278E-02
2.4304E+01	1.0337E+01
2.6931E+00	1.3484E+00
3.8140E-01	1.4097E-01
1.0916E+00	5.8089E-01
3.8951E-01	2.0197E-01
2.8697E-01	1.3949E-01
2.3419E-01	1.0048E-01
6.5419E-02	2.7126E-02
1.2775E-01	4.0475E-02
4.3098E-02	1.1855E-02
0.0000E+00	0.0000E+00
1.7486E-02	1.9712E-02
5.8146E-01	6.5551E-01
2.0678E+00	2.3311E+00
3.0499E+00	3.4382E+00
1.5313E+00	1.7263E+00
3.9661E+00	4.4713E+00
2.5290E-03	3.2125E-03
0.0000E+00	0.0000E+00
1.1543E+02	1.4943E+02
3.6043E+03	7.6881E+03
3.8474E+03	3.5538E+03
4.8387E+02	3.3590E+02
2.3336E-05	1.8246E-05
1.0860E-07	7.7488E-08
3.1800E+02	1.3921E+02
3.9290E+05	3.9934E+05
1.2212E-04	4.2997E-05
2.9214E+03	2.8523E+03
1.3990E+03	1.0710E+03
2.3858E+02	1.8522E+02
7.4800E+02	5.8485E+02

5.8520E-01	4.1758E-01
8.7661E-03	4.8633E-03
5.8111E+02	2.7656E+02
1.4186E+02	4.9949E+01
6.4442E-01	2.2455E-01
7.6151E+01	1.5826E+01
3.8010E-02	7.2776E-03
8.5637E+00	1.2771E+00
1.2628E+00	1.0072E-01
2.5964E-02	0.0000E+00
0.0000E+00	0.0000E+00
6.8182E+05	**7.0509E+05**
1.3311E-02	9.1511E-03
1.2968E-15	8.5298E-16
2.5631E-13	2.0068E-13
7.6124E-19	4.6688E-19
9.1234E+00	7.5557E+00
4.7995E-06	2.8532E-06
1.6612E-08	2.0655E-08
2.4870E-12	3.0922E-12
6.9555E+01	5.6703E+01
3.3154E+02	2.7026E+02
7.0633E-07	8.5070E-07
8.1154E-05	0.0000E+00
1.8814E-04	1.4578E-04
1.9994E-05	2.1799E-05
3.1993E-08	3.4881E-08
9.5291E-06	1.0389E-05
3.9721E-03	3.1099E-03
2.3055E-04	1.3994E-04
2.4864E-02	1.3721E-02
1.8430E-12	1.6417E-12
2.6920E-11	2.3979E-11
1.2238E+02	8.6130E+01
7.5794E-01	5.3341E-01
3.0088E-06	0.0000E+00
7.1628E-05	1.9790E-05
2.7474E-03	1.2493E-03
4.7379E-01	2.1544E-01
0.0000E+00	0.0000E+00
6.8693E-13	5.4274E-13
3.8289E-17	3.0251E-17
1.0142E-03	8.6020E-04
1.1509E-02	7.6204E-03
4.8638E-03	3.2206E-03
1.4698E-04	1.1983E-04

4.3715E-07	0.0000E+00
7.5592E-09	3.9720E-09
6.6911E+00	4.9883E+00
4.4669E-01	3.3304E-01
6.3026E-04	4.0945E-04
3.1699E-03	2.0594E-03
2.3638E-04	1.5357E-04
4.9412E-05	4.8567E-05
2.0266E-05	1.9920E-05
2.0005E-15	1.8751E-15
1.6094E-15	1.5086E-15
8.3732E-04	0.0000E+00
3.6389E+02	2.0563E+02
2.2551E-04	1.6980E-04
3.2516E+02	2.3943E+02
9.3161E+01	6.8600E+01
1.5238E-05	8.6275E-06
1.3424E-14	1.4017E-14
4.8897E+00	5.1238E+00
5.4714E+01	5.7332E+01
2.4683E-02	2.5863E-02
9.9436E+00	1.0699E+01
3.5870E-13	3.7481E-13
1.2309E-11	1.2863E-11
2.6065E-02	2.3549E-02
8.4392E-03	9.1978E-03
3.4383E-05	2.8754E-05
4.4506E+01	2.8119E+01
1.5962E+00	9.9233E-01
1.8819E-07	7.7506E-08
4.2057E-04	1.8798E-04
8.3134E-04	3.7157E-04
1.6872E-03	7.5412E-04
2.0315E-03	9.0803E-04
1.8840E-03	8.4207E-04
1.7029E-03	7.6116E-04
1.6243E-03	7.2600E-04
2.1549E-03	9.6862E-04
8.3648E-04	5.8067E-04
6.4852E-04	6.5916E-04
2.0672E-02	2.6761E-02
2.1330E-04	4.5496E-04
1.4095E-02	6.4112E-03
6.7289E-03	6.2154E-03
9.9766E-03	6.9256E-03
3.4812E-03	2.7218E-03
1.3933E-04	9.9422E-05

1.8045E+02	7.8993E+01
3.3407E-03	3.3954E-03
6.8002E-02	2.3943E-02
5.6324E+00	5.4991E+00
8.0498E-12	1.5413E-12
3.9651E-09	7.5918E-10
9.8877E+00	7.5693E+00
2.7288E+01	2.1185E+01
2.4646E+00	1.9270E+00
7.0976E-03	5.0644E-03
2.5389E-03	1.8116E-03
1.0693E+00	5.9321E-01
6.7870E-02	3.2300E-02
9.1208E-01	3.2114E-01
1.1928E+00	4.1565E-01
2.7458E-09	1.3140E-10
9.8041E-11	1.2366E-12
2.1547E+02	4.4779E+01
4.9245E-02	7.3440E-03
1.2613E-02	1.0060E-03
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
1.8836E+03	**1.2042E+03**

6.2_i200-CR0-MDC-MPC-MTF_72GWD_40SP.out	6.2_i200_w08-CR0-MDC-MPC-MTF_52GWD_40SP.out
6.2	6.2
200	200
0	8
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
3.8913E+02	2.8522E+02
2.9129E-01	1.9613E-01
3.0998E-12	2.1798E-12
6.4746E-02	5.0191E-02
1.0152E-09	8.2271E-10
1.1488E-16	7.4567E-17
6.2053E+03	5.0257E+03
2.8132E-04	1.7752E-04
4.9324E-06	5.9404E-06
4.7546E-10	5.7266E-10
6.1292E+04	4.8668E+04
6.1310E+04	4.8682E+04
2.0143E-04	2.3632E-04
4.7252E-01	3.2962E-01
1.6906E+00	1.2876E+00
4.2131E-03	4.5417E-03
2.1874E-05	2.3580E-05
1.9108E-03	2.0599E-03
1.6002E-06	1.0261E-06
1.2287E+01	9.4899E+00
0.0000E+00	0.0000E+00
5.4080E-02	3.5312E-02
1.8169E+00	1.0735E+00
7.8628E-09	7.1271E-09
7.9482E-09	7.2046E-09
1.2284E+04	9.0262E+03
1.2284E+04	9.0262E+03
1.0370E-01	6.1785E-02
7.2789E-04	3.2933E-04
1.1690E-01	3.9196E-02
1.1690E-01	3.9196E-02
3.5062E-01	1.7700E-01
2.5781E+01	1.3015E+01
1.7735E-01	1.7166E-01
1.7273E-10	1.4406E-10
1.8352E-14	1.5306E-14

1.8854E+00	1.6615E+00
1.6180E+01	1.1161E+01
2.0849E+01	1.4382E+01
4.5368E-02	3.8285E-02
2.4805E-04	1.0389E-04
5.1581E-07	3.0348E-07
2.0540E+03	1.5837E+03
5.0296E+02	3.8781E+02
3.3109E-02	2.2238E-02
2.3649E-01	1.5884E-01
2.3649E-01	1.5884E-01
3.4749E-02	3.6063E-02
3.5476E-02	3.6818E-02
2.4604E-02	1.7258E-02
5.4182E-13	5.2153E-13
8.5879E-13	8.2663E-13
2.6733E-01	7.2886E-02
3.4216E+04	2.0288E+04
4.9311E-01	3.8382E-01
8.2997E+04	6.1041E+04
8.7644E+04	6.4460E+04
1.2027E-02	7.4452E-03
9.2193E-12	9.5762E-12
7.5434E+03	7.8052E+03
7.5438E+03	7.8052E+03
7.2024E+01	7.4523E+01
2.9758E-01	1.9430E-01
5.6016E-02	5.6861E-02
2.8032E+04	2.9128E+04
4.4031E-11	4.9223E-11
9.1212E-10	1.0196E-09
2.0596E+02	2.0406E+02
9.5256E-01	1.2392E+00
3.5644E-02	3.3878E-02
4.6174E+03	3.1743E+03
2.1116E+03	1.3553E+03
2.0188E-05	9.6140E-06
0.0000E+00	0.0000E+00
1.6370E-02	0.0000E+00
4.5549E-02	2.2583E-02
4.5549E-02	2.2583E-02
2.9178E-02	1.4466E-02
4.5549E-02	2.2583E-02
4.5549E-02	2.2583E-02
4.5549E-02	2.2583E-02
4.5527E-02	2.2573E-02
8.1290E-03	1.6816E-02

6.1340E-02	3.0744E-02
3.3351E-01	2.3917E-01
1.3209E-01	1.3417E-01
1.3209E-01	1.3417E-01
7.6600E-01	9.2664E-01
0.0000E+00	1.6816E-02
3.6172E-01	1.8777E-01
2.5741E-01	2.3019E-01
3.3351E-01	2.3917E-01
1.7750E+00	1.5203E+00
2.4966E-02	2.0874E-02
5.0235E+03	2.4347E+03
1.3209E-01	1.3417E-01
2.6510E+01	1.0132E+01
1.6746E+02	1.8046E+02
6.9771E-10	1.6202E-10
5.8142E-07	1.3502E-07
3.0341E+02	2.4539E+02
7.6221E+02	6.4904E+02
7.2358E+04	6.1974E+04
5.4142E+00	4.5267E+00
5.4388E+00	4.5478E+00
2.7227E+01	1.6502E+01
2.2464E+00	1.1023E+00
2.6510E+01	1.0132E+01
2.8890E+01	1.1704E+01
1.6866E-06	1.2068E-07
7.6063E-09	2.0152E-10
5.3117E+03	1.3146E+03
0.0000E+00	0.0000E+00
1.1285E+00	2.2962E-01
2.9994E-01	3.1731E-02
0.0000E+00	0.0000E+00
4.9544E+05	**3.8494E+05**
8.9254E+03	8.7991E+03
2.0519E+00	2.0229E+00
4.0445E-02	2.9645E-02
1.4134E-02	1.0624E-02
6.9115E+00	1.3160E+01
0.0000E+00	1.4134E+01
8.8097E+00	8.6913E+00
3.8989E+01	1.2854E+02
2.2912E-02	3.0566E+01
6.6097E+00	4.5492E+00
6.5036E-02	4.3788E-02
1.2969E+05	1.2932E+05

5.2668E+01	5.2215E+01
0.0000E+00	0.0000E+00
0.0000E+00	1.1221E-02
0.0000E+00	7.1064E+02
0.0000E+00	3.7483E-01
5.2765E+00	5.5436E+00
1.0581E+02	1.1117E+02
1.2229E+01	1.2849E+01
3.1015E+00	3.2586E+00
1.4988E+01	1.5747E+01
2.4398E+02	2.5634E+02
5.7354E+00	6.0258E+00
7.7664E-01	8.1598E-01
8.7063E-03	0.0000E+00
1.9106E-02	1.3533E-02
5.0574E-02	3.5534E-02
1.1941E-01	8.8700E-02
3.2776E-01	2.4470E-01
0.0000E+00	0.0000E+00
7.4655E-01	5.7724E-01
2.2044E+00	1.6218E+00
4.2164E+00	3.2684E+00
1.2545E+01	9.3694E+00
1.9804E+01	1.5000E+01
7.8492E-01	4.0445E-01
3.1772E+01	2.3947E+01
3.4019E+01	3.0223E+01
1.0990E+02	7.9913E+01
1.5853E+01	1.2839E+01
1.0230E+02	7.8637E+01
1.7749E+02	1.3755E+02
8.3406E-01	4.1892E-01
2.3297E+02	1.8086E+02
1.7028E-02	8.2205E-03
3.2526E+02	2.5287E+02
1.6969E-10	2.0439E-10
4.3331E+02	3.3782E+02
4.4378E+02	3.5239E+02
1.1257E-01	8.9386E-02
6.3061E+04	6.6220E+04
8.2051E-09	9.6263E-09
1.4447E+04	1.5024E+04
2.2072E+04	2.3013E+04
6.7219E+02	5.1194E+02
4.9126E-02	2.2616E-02
2.2948E+04	2.3890E+04
6.9912E+02	5.3821E+02

1.0715E-07	1.1551E-07
8.8928E-08	9.5872E-08
5.8441E+01	2.7967E+01
4.4207E+03	4.4106E+03
7.6076E+02	5.6280E+02
7.9046E+02	5.7473E+02
4.1913E-02	2.1870E-02
4.8668E-02	3.3327E-02
7.1755E+02	5.5422E+02
8.8783E+02	6.4469E+02
1.4580E+02	7.3634E+01
7.1531E+02	5.2752E+02
7.8052E+02	5.3715E+02
3.6463E+02	3.0016E+02
2.4584E-13	2.2284E-13
2.9292E+02	1.4678E+02
5.2136E+02	3.4243E+02
3.5911E+02	2.3382E+02
3.5167E+02	2.0424E+02
3.7042E+00	2.7218E+00
2.0157E+02	1.2009E+02
1.3671E+02	7.8725E+01
6.4178E+01	4.0602E+01
5.4199E-03	2.7361E-03
4.9135E+01	2.0457E+01
4.6354E+01	2.6344E+01
2.3065E+01	1.3096E+01
1.1994E+01	7.0616E+00
1.6762E+01	1.7611E+01
6.9784E-02	7.3960E-02
1.4184E+01	8.8669E+00
1.1609E+01	1.2196E+01
1.0830E+00	1.0190E+00
6.2638E+00	6.4957E+00
5.1775E+00	3.4570E+00
2.6423E+02	2.7574E+02
1.4336E+02	1.4884E+02
4.4546E+02	4.6631E+02
1.6214E+02	1.6873E+02
6.0773E+02	6.3681E+02
4.1528E+00	2.9154E+00
3.0953E-01	2.1353E-01
9.2827E+01	9.5414E+01
4.4915E-01	2.1164E-01
5.4908E+00	3.8115E+00
0.0000E+00	0.0000E+00
1.1968E+02	1.2247E+02

3.7184E-01	1.6906E-01
1.9796E+00	1.5264E+00
9.4420E+00	6.2625E+00
2.7615E-02	2.1293E-02
1.9157E+01	1.2867E+01
8.6478E-01	5.1867E-01
4.0778E+01	2.8841E+01
3.7582E-06	3.9003E-06
8.7595E+01	6.0588E+01
4.5474E+00	2.0980E+00
1.3928E+02	9.7693E+01
2.8487E-17	2.7419E-17
4.9821E-02	1.5384E-02
3.5952E+02	2.5764E+02
8.7529E+00	3.8209E+00
3.3671E+02	2.8757E+02
1.1088E+03	7.4994E+02
9.9568E+02	7.7823E+02
2.0229E+02	1.0486E+02
2.6468E+01	1.5694E+01
1.4464E+03	1.0541E+03
8.1246E-01	2.2138E-01
4.2796E+02	3.3312E+02
3.1428E+01	1.6415E+01
2.1149E+03	1.4938E+03
1.8923E+02	1.2556E+02
1.0096E+03	7.4250E+02
1.2416E+03	9.0900E+02
7.5055E-02	3.9519E-02
1.1557E+03	8.5382E+02
1.1675E+03	8.5127E+02
3.2342E-16	3.3594E-16
1.0518E+03	7.8192E+02
1.0718E+03	7.9138E+02
3.0431E+01	1.3920E+01
6.4935E+02	5.8507E+02
2.3687E+00	2.4508E+00
1.3688E+03	9.1938E+02
6.0355E+02	4.7560E+02
7.0294E+02	4.8699E+02
9.0631E-03	0.0000E+00
3.0221E+01	3.1402E+01
1.5649E+02	1.4309E+02
3.5030E+02	2.5496E+02
2.6776E-16	2.9931E-16
4.2663E-14	4.7692E-14
1.7411E+02	1.0226E+02

1.9243E+00	2.1693E+00
1.6743E+02	1.1763E+02
2.7021E+02	1.9657E+02
3.1524E-01	3.1458E-01
7.8250E+00	7.7528E+00
2.4366E-02	2.3559E-02
7.8571E+01	6.4821E+01
1.0445E+02	7.4976E+01
1.7099E+01	1.1755E+01
1.2114E+01	7.5288E+00
3.4891E+01	2.2408E+01
4.3494E+00	2.7915E+00
4.7419E+00	3.0540E+00
1.2205E+02	5.0961E+01
1.0895E-01	7.5398E-02
2.2214E+01	1.0439E+01
2.5136E+00	1.3627E+00
3.3992E-01	1.4375E-01
1.0364E+00	5.8687E-01
3.5130E-01	2.0526E-01
2.6810E-01	1.4067E-01
2.1665E-01	1.0175E-01
5.4780E-02	2.7969E-02
1.1544E-01	4.0921E-02
3.6962E-02	1.2052E-02
0.0000E+00	0.0000E+00
1.9712E-02	2.0710E-02
6.5551E-01	6.8869E-01
2.3311E+00	2.4492E+00
3.4382E+00	3.6124E+00
1.7263E+00	1.8137E+00
4.4713E+00	4.6974E+00
2.7752E-03	3.1952E-03
0.0000E+00	0.0000E+00
1.2311E+02	1.4893E+02
3.7615E+03	7.7814E+03
3.9804E+03	3.5596E+03
4.7410E+02	3.4001E+02
2.1751E-05	1.8630E-05
9.6356E-08	8.0564E-08
2.9336E+02	1.4218E+02
3.9298E+05	3.9916E+05
1.1435E-04	4.3703E-05
2.6997E+03	2.9093E+03
1.3367E+03	1.0811E+03
2.2234E+02	1.8933E+02
6.9718E+02	5.9712E+02

5.1924E-01	4.3416E-01
8.2240E-03	4.9843E-03
5.6808E+02	2.7876E+02
1.3284E+02	5.0772E+01
5.7156E-01	2.3156E-01
6.5670E+01	1.6253E+01
3.2232E-02	7.4848E-03
6.5754E+00	1.3380E+00
9.8270E-01	1.0396E-01
1.8183E-02	0.0000E+00
0.0000E+00	0.0000E+00
7.0510E+05	**7.1186E+05**
1.3126E-02	9.6206E-03
1.2158E-15	8.5496E-16
2.4846E-13	2.0137E-13
7.1658E-19	4.6512E-19
9.3007E+00	7.5324E+00
4.5056E-06	2.8432E-06
1.7115E-08	2.0614E-08
2.5622E-12	3.0860E-12
7.1144E+01	5.6492E+01
3.3910E+02	2.6926E+02
7.2380E-07	8.4920E-07
8.2051E-05	0.0000E+00
1.9092E-04	1.4542E-04
2.0205E-05	2.1782E-05
3.2330E-08	3.4853E-08
9.6298E-06	1.0381E-05
4.0207E-03	3.1055E-03
2.1490E-04	1.4032E-04
2.3313E-02	1.3774E-02
1.8137E-12	1.6440E-12
2.6491E-11	2.4012E-11
1.1793E+02	8.6654E+01
7.3040E-01	5.3667E-01
2.7033E-06	0.0000E+00
6.0311E-05	2.0221E-05
2.5123E-03	1.2683E-03
4.3323E-01	2.1871E-01
0.0000E+00	0.0000E+00
6.5261E-13	5.4428E-13
3.6376E-17	3.0338E-17
9.7896E-04	8.6271E-04
1.1109E-02	7.6635E-03
4.6948E-03	3.2388E-03
1.4255E-04	1.2030E-04

3.6587E-07	0.0000E+00
6.8341E-09	4.0210E-09
6.4962E+00	5.0090E+00
4.3369E-01	3.3441E-01
6.1248E-04	4.1138E-04
3.0805E-03	2.0691E-03
2.2971E-04	1.5429E-04
4.7269E-05	4.9056E-05
1.9387E-05	2.0120E-05
1.9550E-15	1.8817E-15
1.5729E-15	1.5140E-15
7.2455E-04	0.0000E+00
3.4857E+02	2.0669E+02
2.2128E-04	1.7224E-04
3.2542E+02	2.3933E+02
9.3236E+01	6.8570E+01
1.3956E-05	8.6394E-06
1.3490E-14	1.4012E-14
4.9452E+00	5.1168E+00
5.5334E+01	5.7253E+01
2.4963E-02	2.5828E-02
1.0267E+01	1.0668E+01
3.4033E-13	3.8044E-13
1.1679E-11	1.3055E-11
2.4195E-02	2.3972E-02
7.3291E-03	9.5344E-03
3.1112E-05	2.9570E-05
4.1483E+01	2.8518E+01
1.5528E+00	9.9660E-01
1.6546E-07	7.8795E-08
3.8591E-04	1.9133E-04
7.6278E-04	3.7819E-04
1.5482E-03	7.6758E-04
1.8641E-03	9.2422E-04
1.7287E-03	8.5708E-04
1.5626E-03	7.7471E-04
1.4904E-03	7.3894E-04
1.9674E-03	9.8608E-04
8.1963E-04	5.8775E-04
6.4865E-04	6.5886E-04
2.2048E-02	2.6671E-02
2.2260E-04	4.6050E-04
1.2590E-02	6.5358E-03
6.9617E-03	6.2256E-03
9.7755E-03	7.0105E-03
3.2447E-03	2.7791E-03
1.2363E-04	1.0337E-04

1.6647E+02	8.0678E+01
3.3413E-03	3.3939E-03
6.3672E-02	2.4336E-02
5.2048E+00	5.6091E+00
6.8262E-12	1.5852E-12
3.3623E-09	7.8078E-10
9.4468E+00	7.6406E+00
2.5430E+01	2.1655E+01
2.2972E+00	1.9675E+00
6.2977E-03	5.2655E-03
2.2527E-03	1.8835E-03
1.0032E+00	6.0799E-01
6.6348E-02	3.2556E-02
8.5404E-01	3.2642E-01
1.0580E+00	4.2863E-01
1.9229E-09	1.3760E-10
5.0688E-11	1.3429E-12
1.8581E+02	4.5989E+01
3.7809E-02	7.6934E-03
9.8151E-03	1.0384E-03
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
1.8243E+03	**1.2083E+03**

6.2_i200_w08-CR0-MDC-MPC-MTF_72GWD_40SP.out	6.6_i128-CR0-MDC-MPC-MTF_52GWD_40SP.out
6.2	6.6
200	128
8	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
4.0825E+02	2.7065E+02
2.9373E-01	1.9730E-01
3.0934E-12	2.1740E-12
6.4799E-02	5.0675E-02
1.0145E-09	7.9468E-10
1.1406E-16	7.7268E-17
6.1908E+03	5.0873E+03
2.7941E-04	1.8427E-04
4.9359E-06	6.0870E-06
4.7582E-10	5.8678E-10
6.1116E+04	4.9337E+04
6.1129E+04	4.9350E+04
2.0155E-04	2.4142E-04
4.7159E-01	3.3255E-01
1.6872E+00	1.2989E+00
4.2145E-03	4.5879E-03
2.1881E-05	2.3820E-05
1.9114E-03	2.0808E-03
1.5924E-06	1.0551E-06
1.2274E+01	9.5212E+00
0.0000E+00	0.0000E+00
5.4063E-02	3.6083E-02
1.8182E+00	1.0973E+00
7.8610E-09	7.0250E-09
7.9468E-09	7.1012E-09
1.2309E+04	8.6900E+03
1.2309E+04	8.6900E+03
1.0423E-01	5.9052E-02
7.3190E-04	3.2196E-04
1.1820E-01	3.7977E-02
1.1820E-01	3.7977E-02
3.5331E-01	1.6666E-01
2.5978E+01	1.2254E+01
1.8238E-01	1.8630E-01
1.7286E-10	1.4280E-10
1.8365E-14	1.5172E-14

1.8869E+00	1.6570E+00
1.6243E+01	1.1081E+01
2.0929E+01	1.4278E+01
4.5390E-02	3.7266E-02
2.5274E-04	1.0536E-04
5.1973E-07	3.0260E-07
2.0586E+03	1.5695E+03
5.0406E+02	3.8431E+02
3.3217E-02	2.1960E-02
2.3727E-01	1.5686E-01
2.3727E-01	1.5686E-01
3.5176E-02	3.7039E-02
3.5912E-02	3.7814E-02
2.4685E-02	1.7135E-02
5.4380E-13	5.2131E-13
8.6187E-13	8.2628E-13
2.6902E-01	7.4136E-02
3.4310E+04	2.0131E+04
5.0019E-01	4.0750E-01
8.2975E+04	6.1081E+04
8.7617E+04	6.4500E+04
1.2016E-02	7.7348E-03
9.2215E-12	9.6272E-12
7.5407E+03	7.8681E+03
7.5407E+03	7.8685E+03
7.1997E+01	7.5126E+01
2.9674E-01	2.0160E-01
5.6272E-02	6.1442E-02
2.8019E+04	2.9550E+04
4.4867E-11	5.2628E-11
9.2941E-10	1.0902E-09
2.1008E+02	2.2147E+02
9.9524E-01	1.5079E+00
3.6963E-02	3.8482E-02
4.6873E+03	3.2505E+03
2.1211E+03	1.3328E+03
2.0400E-05	9.2448E-06
0.0000E+00	0.0000E+00
1.6564E-02	0.0000E+00
4.6090E-02	2.3968E-02
4.6090E-02	2.3968E-02
2.9524E-02	1.5354E-02
4.6090E-02	2.3968E-02
4.6090E-02	2.3968E-02
4.6090E-02	2.3968E-02
4.6068E-02	2.3958E-02
8.3283E-03	1.9504E-02

6.2066E-02	3.2599E-02
3.3683E-01	2.4563E-01
1.3203E-01	1.3364E-01
1.3203E-01	1.3364E-01
7.6529E-01	1.0054E+00
0.0000E+00	1.9504E-02
3.6622E-01	1.9828E-01
2.5794E-01	2.4105E-01
3.3683E-01	2.4563E-01
1.8135E+00	1.5274E+00
2.6075E-02	2.2052E-02
5.1066E+03	2.4408E+03
1.3203E-01	1.3364E-01
2.6702E+01	9.1890E+00
1.7110E+02	1.9054E+02
7.0849E-10	1.4622E-10
5.9039E-07	1.2185E-07
3.0577E+02	2.4074E+02
7.7999E+02	6.5366E+02
7.3924E+04	6.2260E+04
5.6544E+00	4.7824E+00
5.6804E+00	4.8044E+00
2.7826E+01	1.6074E+01
2.2508E+00	9.9871E-01
2.6702E+01	9.1890E+00
2.9649E+01	1.1123E+01
1.7305E-06	1.0391E-07
8.0485E-09	1.8393E-10
5.3843E+03	1.1862E+03
0.0000E+00	0.0000E+00
1.1696E+00	2.1477E-01
3.0426E-01	2.6946E-02
0.0000E+00	0.0000E+00
4.9701E+05	**3.8634E+05**
8.7991E+03	8.2918E+03
2.0231E+00	1.9062E+00
4.2432E-02	2.8131E-02
1.4830E-02	1.0209E-02
1.5091E+01	4.2762E+00
1.4135E+01	0.0000E+00
8.6856E+00	8.1844E+00
1.2854E+02	3.6223E+01
3.0574E+01	1.5710E-02
6.7188E+00	4.6345E+00
6.5578E-02	4.4048E-02
1.2932E+05	1.2467E+05

5.2268E+01	5.0591E+01
1.0278E-02	0.0000E+00
1.6830E-02	0.0000E+00
7.1038E+02	0.0000E+00
6.0443E-01	0.0000E+00
5.5436E+00	4.9020E+00
1.1117E+02	9.8305E+01
1.2849E+01	1.1361E+01
3.2586E+00	2.8814E+00
1.5747E+01	1.3924E+01
2.5634E+02	2.2667E+02
6.0258E+00	5.3284E+00
8.1598E-01	7.2151E-01
8.7512E-03	0.0000E+00
1.9173E-02	1.3567E-02
5.0692E-02	3.5611E-02
1.1945E-01	8.9192E-02
3.2785E-01	2.4763E-01
0.0000E+00	0.0000E+00
7.4721E-01	5.8485E-01
2.2022E+00	1.6316E+00
4.2198E+00	3.3000E+00
1.2519E+01	9.4362E+00
1.9773E+01	1.5074E+01
7.9033E-01	4.1017E-01
3.1722E+01	2.4131E+01
3.4138E+01	3.0976E+01
1.0947E+02	8.0379E+01
1.5816E+01	1.2996E+01
1.0203E+02	7.9592E+01
1.7701E+02	1.3935E+02
8.3956E-01	4.3201E-01
2.3232E+02	1.8322E+02
1.7035E-02	8.4740E-03
3.2432E+02	2.5627E+02
1.6983E-10	2.0942E-10
4.3204E+02	3.4244E+02
4.4251E+02	3.5721E+02
1.1224E-01	9.0614E-02
6.6246E+04	5.8564E+04
8.2100E-09	9.8340E-09
1.5149E+04	1.3340E+04
2.3157E+04	2.0409E+04
6.7082E+02	5.1643E+02
4.9029E-02	2.3341E-02
2.4072E+04	2.1193E+04
6.9802E+02	5.4186E+02

1.0718E-07	1.1668E-07
8.8959E-08	9.6844E-08
5.8511E+01	2.7889E+01
4.6050E+03	3.9692E+03
7.6014E+02	5.6474E+02
7.9015E+02	5.7605E+02
4.1807E-02	2.2476E-02
4.8642E-02	3.3424E-02
7.1685E+02	5.5603E+02
8.8757E+02	6.4526E+02
1.4623E+02	7.2882E+01
7.1487E+02	5.2699E+02
7.8153E+02	5.3557E+02
3.6579E+02	2.9893E+02
2.4579E-13	2.1964E-13
2.9308E+02	1.4306E+02
5.2294E+02	3.3634E+02
3.6099E+02	2.2863E+02
3.5321E+02	1.9622E+02
3.7116E+00	2.6205E+00
2.0258E+02	1.1478E+02
1.3752E+02	7.4936E+01
6.4500E+01	3.8797E+01
5.4613E-03	2.5762E-03
4.9711E+01	1.9236E+01
4.6622E+01	2.5086E+01
2.3199E+01	1.2531E+01
1.2066E+01	6.8508E+00
1.7611E+01	1.5572E+01
7.1689E-02	8.0445E-02
1.4249E+01	8.6821E+00
1.2196E+01	1.0785E+01
1.0831E+00	1.0155E+00
6.5710E+00	5.7618E+00
5.1982E+00	3.4276E+00
2.7743E+02	2.4408E+02
1.5040E+02	1.3196E+02
4.6781E+02	4.1269E+02
1.7014E+02	1.4954E+02
6.3826E+02	5.6346E+02
4.1645E+00	2.9096E+00
3.1073E-01	2.1199E-01
9.7262E+01	8.4801E+01
4.5443E-01	2.1072E-01
5.5079E+00	3.8033E+00
0.0000E+00	0.0000E+00
1.2533E+02	1.0897E+02

3.7687E-01	1.6889E-01
1.9840E+00	1.5127E+00
9.4736E+00	6.2075E+00
2.7678E-02	2.1102E-02
1.9219E+01	1.2705E+01
8.6957E-01	5.1744E-01
4.0883E+01	2.8520E+01
3.8044E-06	4.0058E-06
8.7705E+01	6.0020E+01
4.6042E+00	2.1009E+00
1.3974E+02	9.7002E+01
2.8589E-17	2.7408E-17
5.0345E-02	1.5176E-02
3.5957E+02	2.5719E+02
8.6803E+00	3.6097E+00
3.3652E+02	2.8875E+02
1.1093E+03	7.4752E+02
9.9475E+02	7.8104E+02
2.0313E+02	1.0403E+02
2.6541E+01	1.5572E+01
1.4456E+03	1.0559E+03
8.2328E-01	2.2086E-01
4.3411E+02	3.5368E+02
3.1945E+01	1.6954E+01
2.1077E+03	1.4714E+03
1.8916E+02	1.2564E+02
1.0093E+03	7.4298E+02
1.2407E+03	9.1142E+02
7.5038E-02	4.0632E-02
1.1550E+03	8.5694E+02
1.1663E+03	8.5373E+02
3.2350E-16	3.3773E-16
1.0512E+03	7.8514E+02
1.0708E+03	7.9451E+02
3.0173E+01	1.3491E+01
6.5446E+02	6.0157E+02
2.3678E+00	2.4707E+00
1.3610E+03	9.1186E+02
6.0289E+02	4.7903E+02
7.0224E+02	4.8809E+02
9.0143E-03	0.0000E+00
3.0206E+01	3.1858E+01
1.5609E+02	1.4492E+02
3.5012E+02	2.5520E+02
2.7284E-16	3.2003E-16
4.3472E-14	5.0992E-14
1.7458E+02	1.0272E+02

1.9562E+00	2.3434E+00
1.6759E+02	1.1711E+02
2.7056E+02	1.9620E+02
3.2171E-01	3.4239E-01
7.9816E+00	8.4146E+00
2.5132E-02	2.6289E-02
7.8140E+01	6.3769E+01
1.0462E+02	7.4131E+01
1.7358E+01	1.2037E+01
1.2302E+01	7.6921E+00
3.5004E+01	2.1943E+01
4.3687E+00	2.7451E+00
4.7656E+00	3.0110E+00
1.2164E+02	4.8167E+01
1.1202E-01	8.1400E-02
2.2327E+01	1.0000E+01
2.5312E+00	1.3038E+00
3.4451E-01	1.3849E-01
1.0428E+00	5.5950E-01
3.5686E-01	2.0003E-01
2.6929E-01	1.3340E-01
2.1804E-01	9.5779E-02
5.6364E-02	2.8246E-02
1.1593E-01	3.7472E-02
3.7312E-02	1.1345E-02
0.0000E+00	0.0000E+00
2.0710E-02	1.8313E-02
6.8869E-01	6.0896E-01
2.4492E+00	2.1656E+00
3.6124E+00	3.1943E+00
1.8137E+00	1.6038E+00
4.6974E+00	4.1538E+00
2.7630E-03	3.4611E-03
0.0000E+00	0.0000E+00
1.2299E+02	1.6159E+02
3.8537E+03	9.0248E+03
3.9886E+03	3.7275E+03
4.7885E+02	3.4919E+02
2.2222E-05	1.8717E-05
1.0063E-07	8.5109E-08
2.9821E+02	1.4253E+02
3.9279E+05	3.9758E+05
1.1517E-04	3.9634E-05
2.7584E+03	3.0718E+03
1.3471E+03	1.0606E+03
2.2752E+02	1.9067E+02
7.1227E+02	5.9990E+02

5.4230E-01	4.5866E-01
8.4049E-03	4.8550E-03
5.6923E+02	2.5256E+02
1.3380E+02	4.6042E+01
5.8661E-01	2.2006E-01
6.6568E+01	1.4666E+01
3.2730E-02	0.0000E+00
6.8147E+00	1.2514E+00
9.9686E-01	8.8286E-02
1.8656E-02	0.0000E+00
0.0000E+00	0.0000E+00
7.1186E+05	**6.9047E+05**
1.3771E-02	9.1296E-03
1.2133E-15	8.5268E-16
2.4829E-13	1.9450E-13
7.1144E-19	4.8193E-19
9.2792E+00	7.6243E+00
4.4748E-06	2.9512E-06
1.7128E-08	2.1121E-08
2.5641E-12	3.1620E-12
7.0937E+01	5.7266E+01
3.3811E+02	2.7295E+02
7.2424E-07	8.6750E-07
8.1884E-05	0.0000E+00
1.9054E-04	1.4669E-04
2.0212E-05	2.2003E-05
3.2341E-08	3.5207E-08
9.6329E-06	1.0487E-05
4.0166E-03	3.1156E-03
2.1483E-04	1.4338E-04
2.3328E-02	1.4079E-02
1.8133E-12	1.6204E-12
2.6486E-11	2.3668E-11
1.1817E+02	8.3428E+01
7.3185E-01	5.1669E-01
2.7181E-06	0.0000E+00
6.0980E-05	1.9592E-05
2.5315E-03	1.1942E-03
4.3655E-01	2.0592E-01
0.0000E+00	0.0000E+00
6.5309E-13	5.3953E-13
3.6402E-17	3.0073E-17
9.7975E-04	8.6033E-04
1.1152E-02	7.6080E-03
4.7133E-03	3.2154E-03
1.4263E-04	1.1710E-04

3.7280E-07	0.0000E+00
6.8864E-09	4.0093E-09
6.5107E+00	4.9636E+00
4.3467E-01	3.3139E-01
6.1446E-04	4.0622E-04
3.0906E-03	2.0431E-03
2.3046E-04	1.5235E-04
4.7850E-05	5.0380E-05
1.9625E-05	2.0664E-05
1.9620E-15	1.8809E-15
1.5785E-15	1.5133E-15
7.2912E-04	0.0000E+00
3.4953E+02	2.0508E+02
2.2446E-04	1.8287E-04
3.2532E+02	2.3948E+02
9.3210E+01	6.8614E+01
1.3944E-05	8.9756E-06
1.3493E-14	1.4087E-14
4.9434E+00	5.1581E+00
5.5317E+01	5.7719E+01
2.4954E-02	2.6038E-02
1.0262E+01	1.0823E+01
3.4678E-13	4.0678E-13
1.1901E-11	1.3959E-11
2.4679E-02	2.6018E-02
7.6573E-03	1.1601E-02
3.2263E-05	3.3589E-05
4.2112E+01	2.9202E+01
1.5596E+00	9.8001E-01
1.6720E-07	7.5772E-08
3.9048E-04	2.0307E-04
7.7185E-04	4.0140E-04
1.5665E-03	8.1466E-04
1.8862E-03	9.8094E-04
1.7492E-03	9.0970E-04
1.5811E-03	8.2227E-04
1.5080E-03	7.8430E-04
1.9908E-03	1.0456E-03
8.2777E-04	6.0364E-04
6.4834E-04	6.5626E-04
2.2026E-02	2.8937E-02
2.2805E-04	5.3407E-04
1.2747E-02	6.9014E-03
6.9758E-03	6.5190E-03
9.8732E-03	7.1997E-03
3.3149E-03	2.7920E-03
1.2912E-04	1.0920E-04

1.6922E+02	8.0881E+01
3.3397E-03	3.3804E-03
6.4134E-02	2.2070E-02
5.3183E+00	5.9224E+00
6.9318E-12	1.4306E-12
3.4143E-09	7.0462E-10
9.5203E+00	7.4954E+00
2.6023E+01	2.1808E+01
2.3469E+00	1.9767E+00
6.5776E-03	5.5625E-03
2.3527E-03	1.9898E-03
1.0252E+00	5.9224E-01
6.6480E-02	2.9497E-02
8.6024E-01	2.9602E-01
1.0858E+00	4.0734E-01
1.9730E-09	1.1847E-10
5.3636E-11	1.2256E-12
1.8835E+02	4.1497E+01
3.9186E-02	7.1958E-03
9.9568E-03	8.8176E-04
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
1.8310E+03	**1.2055E+03**

6.6_i128-CR0-MDC-MPC-MTF_72GWD_40SP.out	6.6_i156-CR0-MDC-MPC-MTF_52GWD_40SP.out
6.6	6.6
128	156
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
5	5
0.44	0.44
3.8787E+02	2.7012E+02
2.9437E-01	1.9404E-01
3.0884E-12	2.1465E-12
6.5754E-02	5.0666E-02
9.8265E-10	7.9108E-10
1.1759E-16	7.6010E-17
6.2916E+03	5.0961E+03
2.8875E-04	1.8119E-04
5.1238E-06	6.1019E-06
4.9394E-10	5.8824E-10
6.2220E+04	4.9438E+04
6.2234E+04	4.9452E+04
2.0809E-04	2.4190E-04
4.7670E-01	3.3280E-01
1.7061E+00	1.3007E+00
4.2752E-03	4.5923E-03
2.2196E-05	2.3843E-05
1.9389E-03	2.0828E-03
1.6270E-06	1.0371E-06
1.2343E+01	9.5339E+00
4.5602E-02	0.0000E+00
5.5167E-02	3.5486E-02
1.8582E+00	1.0799E+00
7.7326E-09	7.0105E-09
7.8166E-09	7.0866E-09
1.1843E+04	8.6504E+03
1.1843E+04	8.6504E+03
9.9647E-02	5.8780E-02
7.1663E-04	3.1537E-04
1.1397E-01	3.6786E-02
1.1397E-01	3.6786E-02
3.3196E-01	1.6434E-01
2.4409E+01	1.2084E+01
1.9960E-01	1.8132E-01
1.7051E-10	1.4161E-10
1.8116E-14	1.5046E-14

1.8781E+00	1.6466E+00
1.6122E+01	1.1014E+01
2.0775E+01	1.4192E+01
4.4185E-02	3.7103E-02
2.5470E-04	1.0158E-04
5.1432E-07	2.9660E-07
2.0384E+03	1.5620E+03
4.9914E+02	3.8249E+02
3.2780E-02	2.1872E-02
2.3414E-01	1.5622E-01
2.3414E-01	1.5622E-01
3.6607E-02	3.6705E-02
3.7373E-02	3.7473E-02
2.4538E-02	1.7090E-02
5.4547E-13	5.1924E-13
8.6456E-13	8.2302E-13
2.7199E-01	7.1958E-02
3.3958E+04	1.9952E+04
5.3262E-01	4.0354E-01
8.3032E+04	6.1085E+04
8.7679E+04	6.4504E+04
1.2450E-02	7.5816E-03
9.2888E-12	9.6320E-12
7.6252E+03	7.8769E+03
7.6252E+03	7.8769E+03
7.2802E+01	7.5205E+01
3.0865E-01	1.9884E-01
6.1816E-02	6.0588E-02
2.8692E+04	2.9672E+04
4.8787E-11	5.1819E-11
1.0106E-09	1.0734E-09
2.2920E+02	2.1733E+02
1.2437E+00	1.4564E+00
4.4018E-02	3.7485E-02
4.8796E+03	3.1941E+03
2.1142E+03	1.3250E+03
1.9521E-05	9.0561E-06
0.0000E+00	0.0000E+00
1.7679E-02	0.0000E+00
4.9188E-02	2.3359E-02
4.9188E-02	2.3359E-02
3.1511E-02	1.4964E-02
4.9188E-02	2.3359E-02
4.9188E-02	2.3359E-02
4.9188E-02	2.3359E-02
4.9170E-02	2.3350E-02
1.0333E-02	1.9384E-02

6.6189E-02	3.1742E-02
3.4885E-01	2.4306E-01
1.3154E-01	1.3368E-01
1.3154E-01	1.3368E-01
8.3591E-01	1.0082E+00
0.0000E+00	1.9384E-02
3.8916E-01	1.9230E-01
2.7357E-01	2.4063E-01
3.4885E-01	2.4306E-01
1.8840E+00	1.5069E+00
2.9509E-02	2.1473E-02
5.1823E+03	2.3928E+03
1.3154E-01	1.3368E-01
2.4454E+01	9.0944E+00
1.8388E+02	1.8713E+02
6.4112E-10	1.4220E-10
5.3429E-07	1.1850E-07
3.0679E+02	2.3913E+02
8.1550E+02	6.4478E+02
7.6798E+04	6.1424E+04
6.3994E+00	4.6565E+00
6.4288E+00	4.6781E+00
2.8107E+01	1.5855E+01
2.0664E+00	1.0002E+00
2.4454E+01	9.0944E+00
2.9282E+01	1.0859E+01
1.4926E-06	9.8080E-08
7.4140E-09	1.6349E-10
4.8734E+03	1.1557E+03
0.0000E+00	0.0000E+00
1.1202E+00	2.0422E-01
2.5953E-01	2.5965E-02
0.0000E+00	0.0000E+00
5.0163E+05	**3.8544E+05**
8.2918E+03	8.5272E+03
1.9063E+00	1.9603E+00
4.0314E-02	2.8075E-02
1.4240E-02	1.0168E-02
6.1851E+00	4.5254E+00
0.0000E+00	0.0000E+00
8.1844E+00	8.4168E+00
3.6223E+01	3.7250E+01
2.3576E-02	1.5399E-02
6.8376E+00	4.5412E+00
6.5723E-02	4.3324E-02
1.2467E+05	1.2654E+05

5.0644E+01	5.1344E+01
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
4.9020E+00	5.0411E+00
9.8305E+01	1.0109E+02
1.1361E+01	1.1684E+01
2.8814E+00	2.9632E+00
1.3924E+01	1.4319E+01
2.2667E+02	2.3310E+02
5.3284E+00	5.4798E+00
7.2151E-01	7.4202E-01
8.7274E-03	0.0000E+00
1.9230E-02	1.3480E-02
5.0816E-02	3.5456E-02
1.2027E-01	8.9065E-02
3.3235E-01	2.4728E-01
0.0000E+00	0.0000E+00
7.6080E-01	5.8445E-01
2.2165E+00	1.6318E+00
4.2820E+00	3.2993E+00
1.2628E+01	9.4477E+00
1.9909E+01	1.5096E+01
8.0089E-01	4.0336E-01
3.2039E+01	2.4156E+01
3.5553E+01	3.0984E+01
1.1009E+02	8.0507E+01
1.6074E+01	1.3019E+01
1.0364E+02	7.9741E+01
1.8001E+02	1.3959E+02
8.6478E-01	4.2332E-01
2.3626E+02	1.8355E+02
1.7556E-02	8.3169E-03
3.3001E+02	2.5677E+02
1.7629E-10	2.0994E-10
4.3982E+02	3.4312E+02
4.5047E+02	3.5794E+02
1.1427E-01	9.0798E-02
5.8590E+04	6.0223E+04
8.4766E-09	9.8538E-09
1.3470E+04	1.3707E+04
2.0556E+04	2.0976E+04
6.7835E+02	5.1718E+02
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2.1377E+04	2.1779E+04
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7.9235E+02	5.7605E+02
4.2823E-02	2.2116E-02
4.8827E-02	3.3408E-02
7.2085E+02	5.5682E+02
8.8854E+02	6.4530E+02
1.4404E+02	7.2169E+01
7.1403E+02	5.2734E+02
7.7862E+02	5.3460E+02
3.6663E+02	2.9905E+02
2.4177E-13	2.1919E-13
2.8395E+02	1.4203E+02
5.1260E+02	3.3534E+02
3.5322E+02	2.2768E+02
3.3857E+02	1.9517E+02
3.5711E+00	2.6085E+00
1.9368E+02	1.1425E+02
1.3113E+02	7.4527E+01
6.2075E+01	3.8650E+01
5.1313E-03	2.5404E-03
4.6658E+01	1.8946E+01
4.4414E+01	2.4950E+01
2.2149E+01	1.2458E+01
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1.5572E+01	1.6014E+01
7.8866E-02	7.8470E-02
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1.0785E+01	1.1091E+01
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1.3350E+02	1.3559E+02
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5.6492E+02	5.7935E+02
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4.0420E+01	2.8471E+01
3.9591E-06	3.9698E-06
8.6808E+01	5.9937E+01
4.5940E+00	2.0569E+00
1.3891E+02	9.6747E+01
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8.1030E+00	3.6048E+00
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1.4486E+03	1.0562E+03
8.1638E-01	2.1511E-01
4.6226E+02	3.5024E+02
3.3041E+01	1.6626E+01
2.0751E+03	1.4749E+03
1.8931E+02	1.2565E+02
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1.1698E+03	8.5417E+02
3.2585E-16	3.3790E-16
1.0571E+03	7.8562E+02
1.0761E+03	7.9504E+02
2.8957E+01	1.3446E+01
6.8688E+02	6.0042E+02
2.3944E+00	2.4734E+00
1.3435E+03	9.1441E+02
6.0927E+02	4.7986E+02
7.0294E+02	4.8770E+02
9.3271E-03	0.0000E+00
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1.5935E+02	1.4573E+02
3.5042E+02	2.5521E+02
2.9667E-16	3.1511E-16
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1.7528E+02	1.0195E+02

2.1169E+00	2.3053E+00
1.6663E+02	1.1696E+02
2.7108E+02	1.9595E+02
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8.7080E+00	8.2575E+00
2.9195E-02	2.5824E-02
7.6811E+01	6.4262E+01
1.0382E+02	7.4039E+01
1.8069E+01	1.1829E+01
1.2766E+01	7.5596E+00
3.4180E+01	2.1859E+01
4.3546E+00	2.7290E+00
4.7621E+00	2.9917E+00
1.1442E+02	4.7907E+01
1.2137E-01	7.8412E-02
2.1291E+01	9.8969E+00
2.4223E+00	1.2942E+00
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3.5169E-01	1.9747E-01
2.5538E-01	1.3254E-01
2.0373E-01	9.4912E-02
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1.0519E-01	3.7140E-02
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3.1943E+00	3.2849E+00
1.6038E+00	1.6493E+00
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5.4274E-03	0.0000E+00
1.3435E+02	1.6203E+02
4.7810E+03	8.9694E+03
4.2304E+03	3.7210E+03
4.9592E+02	3.4554E+02
2.3086E-05	1.8465E-05
1.1389E-07	8.2874E-08
3.0262E+02	1.3973E+02
3.9134E+05	3.9772E+05
1.0548E-04	3.9226E-05
2.9644E+03	3.0169E+03
1.3515E+03	1.0535E+03
2.3788E+02	1.8807E+02
7.3999E+02	5.9184E+02

6.1376E-01	4.4660E-01
8.4898E-03	4.7890E-03
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1.2254E+02	4.5571E+01
5.7930E-01	2.1485E-01
6.0254E+01	1.4289E+01
2.9618E-02	0.0000E+00
6.5274E+00	1.1899E+00
8.5030E-01	8.5070E-02
1.6092E-02	0.0000E+00
0.0000E+00	0.0000E+00
6.9047E+05	**6.9590E+05**
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9.4301E+00	7.6375E+00
4.6248E-06	2.9019E-06
1.7779E-08	2.1174E-08
2.6617E-12	3.1698E-12
7.2217E+01	5.7385E+01
3.4422E+02	2.7351E+02
7.4774E-07	8.6926E-07
8.2777E-05	0.0000E+00
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2.0503E-05	2.2024E-05
3.2807E-08	3.5240E-08
9.7715E-06	1.0497E-05
4.0392E-03	3.1199E-03
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1.7837E-12	1.6171E-12
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3.2555E+02	2.3951E+02
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1.3592E-14	1.4094E-14
4.9988E+00	5.1638E+00
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2.6925E-02	2.5531E-02
9.5691E-03	1.1205E-02
3.8422E-05	3.2719E-05
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8.2377E-04	3.9120E-04
1.6720E-03	7.9398E-04
2.0131E-03	9.5599E-04
1.8669E-03	8.8656E-04
1.6875E-03	8.0137E-04
1.6095E-03	7.6437E-04
2.1230E-03	1.0181E-03
8.5730E-04	5.9734E-04
6.4596E-04	6.5648E-04
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2.8294E-04	5.3077E-04
1.3546E-02	6.6933E-03
7.3986E-03	6.5076E-03
1.0225E-02	7.1245E-03
3.4439E-03	2.7545E-03
1.4613E-04	1.0633E-04

1.7172E+02	7.9292E+01
3.3274E-03	3.3816E-03
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6.2726E-12	1.3912E-12
3.0896E-09	6.8526E-10
9.5520E+00	7.4452E+00
2.7208E+01	2.1511E+01
2.4382E+00	1.9501E+00
7.4439E-03	5.4164E-03
2.6626E-03	1.9375E-03
1.0356E+00	5.8419E-01
6.1028E-02	2.9540E-02
7.8782E-01	2.9298E-01
1.0724E+00	3.9770E-01
1.7018E-09	1.1183E-10
4.9403E-11	1.0895E-12
1.7048E+02	4.0431E+01
3.7533E-02	6.8424E-03
8.4929E-03	8.4968E-04
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00
1.8195E+03	**1.2004E+03**

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2.7292E-02
1.8895E+01
8.5774E-01
4.0376E+01
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8.6698E+01
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1.7431E+02

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6.2625E-01
2.2271E+00
3.2849E+00
1.6493E+00
4.2717E+00
3.0349E-03
5.4212E-03
1.3456E+02
4.7084E+03
4.2238E+03
4.9166E+02
2.2677E-05
1.0986E-07
2.9740E+02
3.9152E+05
1.0518E-04
2.8990E+03
1.3394E+03
2.3349E+02
7.2688E+02

5.9202E-01
8.3666E-03
5.2514E+02
1.2218E+02
5.6641E-01
5.9312E+01
2.9077E-02
6.2462E+00
8.2980E-01
1.5399E-02
0.0000E+00
6.9590E+05
1.3057E-02
1.1980E-15
2.3994E-13
7.2380E-19
9.4450E+00
4.5602E-06
1.7798E-08
2.6646E-12
7.2362E+01
3.4491E+02
7.4835E-07
8.2843E-05
1.9294E-04
2.0509E-05
3.2817E-08
9.7746E-06
4.0451E-03
2.1610E-04
2.3521E-02
1.7817E-12
2.6024E-11
1.1340E+02
7.0233E-01
2.6168E-06
5.7253E-05
2.3561E-03
4.0629E-01
0.0000E+00
6.3950E-13
3.5644E-17
9.6972E-04
1.1008E-02
4.6521E-03
1.3845E-04

3.6350E-07
6.6999E-09
6.4200E+00
4.2861E-01
6.0412E-04
3.0385E-03
2.2658E-04
4.9179E-05
2.0171E-05
1.9592E-15
1.5763E-15
7.1799E-04
3.4367E+02
2.3637E-04
3.2558E+02
9.3280E+01
1.4179E-05
1.3593E-14
5.0028E+00
5.5977E+01
2.5252E-02
1.0539E+01
3.6997E-13
1.2696E-11
2.6314E-02
9.1300E-03
3.7047E-05
4.3058E+01
1.5466E+00
1.5713E-07
4.0728E-04
8.0507E-04
1.6339E-03
1.9673E-03
1.8245E-03
1.6491E-03
1.5729E-03
2.0731E-03
8.4990E-04
6.4627E-04
2.4097E-02
2.7864E-04
1.3181E-02
7.3872E-03
1.0137E-02
3.3828E-03
1.4096E-04

1.6876E+02
3.3290E-03
5.8568E-02
5.5893E+00
6.1578E-12
3.0331E-09
9.4657E+00
2.6705E+01
2.3949E+00
7.1804E-03
2.5684E-03
1.0206E+00
6.1327E-02
7.8553E-01
1.0485E+00
1.6285E-09
4.4458E-11
1.6782E+02
3.5917E-02
8.2883E-03
0.0000E+00
0.0000E+00
0.0000E+00
1.8107E+03

File Name	G4610G14-e4.3_b52GWD.out	G4610G14-e4.3_b72GWD.out
Enrichment (wt.%)	4.3	4.3
Burnup (GWD/MTU)	52	72
Burnup-Peaking Factor	1.09	1.11
Peak Rod Burnup (GWD/MTU)	56.68	79.92
Specific Power (W/kg)	25	25
Cooling Time (years)	5	5
Uranium Weight (MTU)	0.179	0.179
H-3 (Ci)	1.1625E+02	1.6669E+02
Mn-54 (Ci)	1.7186E-01	1.9342E-01
Fe-55 (Ci)	1.9826E+01	2.6092E+01
Co-60 (Ci)	7.9882E-01	1.7157E+00
Ni-63 (Ci)	4.3702E+00	6.4866E+00
Kr-85 (Ci)	1.6553E+03	1.9412E+03
Sr-89 (Ci)	1.2122E-06	9.7666E-07
Sr-90 (Ci)	1.6743E+04	2.0296E+04
Y-90 (Ci)	1.6477E+04	1.9930E+04
Y-91 (Ci)	4.8888E-05	4.0799E-05
Zr-93 (Ci)	5.2019E-01	6.8315E-01
Zr-95 (Ci)	5.0199E-04	4.6930E-04
Nb-95 (Ci)	1.0885E-03	1.0162E-03
Nb-95m (Ci)	5.6524E-06	5.2769E-06
Tc-99 (Ci)	3.4377E+00	4.3604E+00
Rh-102 (Ci)	1.2403E-02	1.7267E-02
Rh-102m (Ci)	4.5465E-01	6.9703E-01
Ru-103 (Ci)	2.0314E-09	2.2000E-09
Rh-103m (Ci)	1.9803E-09	2.1414E-09
Ru-106 (Ci)	3.3301E+03	4.1767E+03
Rh-106 (Ci)	3.2869E+03	4.1143E+03
Ag-109m (Ci)	0.0000E+00	7.3915E-02
Cd-109 (Ci)	0.0000E+00	7.4897E-02
Ag-110 (Ci)	8.4956E-02	1.5014E-01
Ag-110m (Ci)	6.3124E+00	1.1181E+01
In-113m (Ci)	4.1283E-03	4.6237E-03
Sn-113 (Ci)	4.1892E-03	4.7001E-03
Sn-119m (Ci)	1.0325E+00	1.1679E+00
Sn-121 (Ci)	5.5043E+00	7.8444E+00
Sn-121m (Ci)	7.1969E+00	1.0276E+01
Sn-123 (Ci)	1.2450E-02	1.4248E-02
Sb-124 (Ci)	0.0000E+00	1.9855E-07
Sb-125 (Ci)	6.6714E+02	8.2103E+02
Te-125m (Ci)	1.6099E+02	1.9776E+02
Te-127 (Ci)	9.5959E-03	9.3506E-03
Te-127m (Ci)	9.9647E-03	9.7286E-03
Cs-134 (Ci)	7.8568E+03	1.2409E+04
Cs-135 (Ci)	0.0000E+00	0.0000E+00
Cs-137 (Ci)	2.5121E+04	3.3796E+04

Ba-137m (Ci)	2.3433E+04	3.1466E+04
Ce-139 (Ci)	2.5301E-03	3.9417E-03
Ce-141 (Ci)	2.3197E-12	2.2316E-12
Ce-144 (Ci)	1.8594E+03	1.7295E+03
Pr-144 (Ci)	1.8290E+03	1.6983E+03
Pr-144m (Ci)	1.7465E+01	1.6217E+01
Pm-147 (Ci)	8.3080E+03	7.6633E+03
Pm-148m (Ci)	2.4320E-10	2.1679E-10
Sm-151 (Ci)	6.1270E+01	6.5266E+01
Eu-152 (Ci)	3.8041E-01	3.2357E-01
Gd-153 (Ci)	0.0000E+00	0.0000E+00
Eu-154 (Ci)	1.2538E+03	1.6791E+03
Eu-155 (Ci)	5.9565E+02	8.2857E+02
Tb-160 (Ci)	4.8833E-06	1.0127E-05
U-234 (Ci)	0.0000E+00	0.0000E+00
U-237 (Ci)	5.4738E-01	5.9885E-01
Pu-238 (Ci)	1.1934E+03	2.1239E+03
Np-239 (Ci)	7.4633E+00	1.5747E+01
Pu-239 (Ci)	6.0406E+01	5.6855E+01
Pu-240 (Ci)	1.1447E+02	1.3300E+02
Pu-241 (Ci)	2.2677E+04	2.4881E+04
Am-241 (Ci)	2.4399E+02	2.6579E+02
Pu-242 (Ci)	6.8491E-01	1.2134E+00
Am-242m (Ci)	2.0098E+00	2.1194E+00
Am-242 (Ci)	1.9633E+00	2.0625E+00
Cm-242 (Ci)	8.0992E+00	1.0454E+01
Am-243 (Ci)	7.5276E+00	1.5935E+01
Cm-243 (Ci)	7.5930E+00	1.3190E+01
Cm-244 (Ci)	1.3866E+03	4.4127E+03
Cm-245 (Ci)	2.4321E-01	8.8553E-01
Cm-246 (Ci)	0.0000E+00	4.9601E-01
Totals (Ci)	**1.3854E+05**	**1.7500E+05**
He-4 (g)	1.4374E+00	2.4640E+00
C-13 (g)	2.0818E+00	3.0795E+00
O-16 (g)	2.4007E+04	2.4005E+04
O-17 (g)	9.7800E+00	9.8086E+00
O-18 (g)	5.5520E+01	5.5519E+01
Cr-50 (g)	2.7322E+00	2.6408E+00
Cr-52 (g)	5.8060E+01	5.7948E+01
Cr-53 (g)	6.4748E+00	6.3376E+00
Cr-54 (g)	2.1883E+00	2.4461E+00
Fe-54 (g)	5.2521E+00	5.2229E+00
Fe-56 (g)	8.5492E+01	8.5012E+01
Fe-57 (g)	2.9195E+00	3.4030E+00
Fe-58 (g)	3.2059E-01	3.4609E-01
Ni-58 (g)	2.5262E+01	2.5010E+01

Ni-59 (g)	3.5594E-01	4.9604E-01
Ni-60 (g)	1.0222E+01	1.0253E+01
Ni-61 (g)	5.4853E-01	6.0084E-01
Ni-62 (g)	1.3899E+00	1.3488E+00
Ni-64 (g)	3.8748E-01	3.9132E-01
Se-77 (g)	0.0000E+00	0.0000E+00
Se-78 (g)	6.1901E-01	8.3899E-01
Se-79 (g)	1.1872E+00	1.4861E+00
Se-80 (g)	3.5152E+00	4.6720E+00
Br-81 (g)	5.5836E+00	7.2562E+00
Se-82 (g)	9.0503E+00	1.1875E+01
Kr-82 (g)	0.0000E+00	3.6742E-01
Kr-83 (g)	9.4786E+00	9.8069E+00
Kr-84 (g)	3.0278E+01	4.1232E+01
Kr-85 (g)	4.2288E+00	4.9591E+00
Rb-85 (g)	2.7991E+01	3.5682E+01
Kr-86 (g)	4.9061E+01	6.1922E+01
Sr-86 (g)	0.0000E+00	4.1384E-01
Rb-87 (g)	6.4270E+01	8.0839E+01
Sr-88 (g)	8.8931E+01	1.1157E+02
Y-89 (g)	1.1870E+02	1.4849E+02
Sr-90 (g)	1.2123E+02	1.4695E+02
Zr-90 (g)	3.4698E+04	3.4704E+04
Zr-91 (g)	7.7283E+03	7.7311E+03
Zr-92 (g)	1.2049E+04	1.2128E+04
Zr-93 (g)	2.0683E+02	2.7163E+02
Zr-94 (g)	1.2434E+04	1.2495E+04
Mo-95 (g)	2.0099E+02	2.5642E+02
Zr-96 (g)	2.2190E+03	2.2854E+03
Mo-96 (g)	1.5085E+01	3.0691E+01
Mo-97 (g)	2.2271E+02	3.0038E+02
Mo-98 (g)	2.2435E+02	3.0790E+02
Tc-99 (g)	2.0077E+02	2.5466E+02
Mo-100 (g)	2.5538E+02	3.5070E+02
Ru-100 (g)	3.3998E+01	6.6720E+01
Ru-101 (g)	2.0440E+02	2.7419E+02
Ru-102 (g)	2.2148E+02	3.2388E+02
Rh-103 (g)	1.0990E+02	1.2634E+02
Ru-104 (g)	1.5679E+02	2.3813E+02
Pd-104 (g)	7.8643E+01	1.4974E+02
Pd-105 (g)	1.0892E+02	1.6378E+02
Ru-106 (g)	1.0042E+00	1.2595E+00
Pd-106 (g)	1.0574E+02	1.7973E+02
Pd-107 (g)	6.2761E+01	1.0136E+02
Pd-108 (g)	4.2644E+01	7.1219E+01
Ag-109 (g)	2.0172E+01	2.9857E+01
Pd-110 (g)	1.4397E+01	2.4567E+01

Cd-110 (g)	1.3649E+01	3.1055E+01
Cd-111 (g)	6.9356E+00	1.2151E+01
Cd-112 (g)	3.6349E+00	6.2304E+00
Sn-112 (g)	8.9498E+00	8.8148E+00
In-113 (g)	0.0000E+00	3.1372E-01
Cd-114 (g)	4.3210E+00	6.9149E+00
Sn-114 (g)	6.3469E+00	6.3496E+00
In-115 (g)	3.5763E-01	3.7660E-01
Sn-115 (g)	2.8195E+00	2.5771E+00
Cd-116 (g)	1.6070E+00	2.4081E+00
Sn-116 (g)	1.4310E+02	1.4324E+02
Sn-117 (g)	7.7865E+01	7.8561E+01
Sn-118 (g)	2.4476E+02	2.4570E+02
Sn-119 (g)	8.8264E+01	8.8885E+01
Sn-120 (g)	3.3413E+02	3.3509E+02
Sb-121 (g)	2.0250E+00	2.8705E+00
Sn-122 (g)	4.9679E+01	5.0484E+01
Te-122 (g)	0.0000E+00	3.8816E-01
Sb-123 (g)	1.7912E+00	2.5729E+00
Sn-124 (g)	6.3276E+01	6.4323E+01
Sb-125 (g)	6.4299E-01	7.9131E-01
Te-125 (g)	3.3079E+00	4.9828E+00
Sn-126 (g)	5.9586E+00	8.8770E+00
Te-126 (g)	0.0000E+00	4.4992E-01
I-127 (g)	1.2021E+01	1.6774E+01
Te-128 (g)	2.5667E+01	3.7103E+01
Xe-128 (g)	1.1505E+00	2.5028E+00
I-129 (g)	4.1217E+01	5.8040E+01
Te-130 (g)	1.0465E+02	1.4596E+02
Xe-130 (g)	2.5537E+00	5.7461E+00
Xe-131 (g)	1.0270E+02	1.1428E+02
Xe-132 (g)	3.0956E+02	4.5936E+02
Cs-133 (g)	2.8947E+02	3.6277E+02
Xe-134 (g)	4.1379E+02	5.6598E+02
Cs-134 (g)	6.0776E+00	9.5992E+00
Ba-134 (g)	4.9578E+01	9.4613E+01
Cs-135 (g)	1.3237E+02	1.7302E+02
Ba-135 (g)	0.0000E+00	6.8211E-01
Xe-136 (g)	6.0416E+02	8.5330E+02
Ba-136 (g)	8.6197E+00	1.6762E+01
Cs-137 (g)	2.8938E+02	3.8930E+02
Ba-137 (g)	5.5596E+01	8.5790E+01
Ba-138 (g)	3.5275E+02	4.7985E+02
La-139 (g)	3.2556E+02	4.3680E+02
Ce-140 (g)	3.3755E+02	4.5898E+02
Pr-141 (g)	2.9252E+02	3.8870E+02
Ce-142 (g)	3.0161E+02	4.0563E+02

Nd-142 (g)	8.0385E+00	1.7091E+01
Nd-143 (g)	1.8005E+02	1.8311E+02
Ce-144 (g)	5.8387E-01	5.4310E-01
Nd-144 (g)	3.7387E+02	5.5165E+02
Nd-145 (g)	1.7084E+02	2.1064E+02
Nd-146 (g)	1.9407E+02	2.8239E+02
Pm-147 (g)	8.9567E+00	8.2616E+00
Sm-147 (g)	4.9784E+01	5.1921E+01
Nd-148 (g)	1.0039E+02	1.3739E+02
Sm-148 (g)	4.5179E+01	7.5634E+01
Sm-149 (g)	5.2634E-01	4.7922E-01
Nd-150 (g)	4.9573E+01	7.0677E+01
Sm-150 (g)	7.4391E+01	9.9266E+01
Sm-151 (g)	2.3279E+00	2.4797E+00
Sm-152 (g)	2.5039E+01	2.9681E+01
Eu-153 (g)	3.0189E+01	3.9239E+01
Sm-154 (g)	1.0377E+01	1.6023E+01
Eu-154 (g)	4.6431E+00	6.2179E+00
Gd-154 (g)	3.3777E+00	5.1583E+00
Eu-155 (g)	1.2269E+00	1.7066E+00
Gd-155 (g)	1.3225E+00	1.8318E+00
Gd-156 (g)	3.3294E+01	7.3702E+01
Gd-158 (g)	6.1181E+00	1.3257E+01
Tb-159 (g)	7.4308E-01	1.3738E+00
Gd-160 (g)	3.2451E-01	5.5887E-01
Hf-178 (g)	9.0530E-01	4.7662E-01
Hf-179 (g)	2.1646E+00	1.9496E+00
Hf-180 (g)	3.4780E+00	4.0258E+00
U-234 (g)	3.7440E+01	3.0530E+01
U-235 (g)	1.3436E+03	5.1554E+02
U-236 (g)	1.0962E+03	1.1335E+03
Np-237 (g)	1.1960E+02	1.5157E+02
U-238 (g)	1.6456E+05	1.6130E+05
Pu-238 (g)	6.9692E+01	1.2403E+02
Pu-239 (g)	9.7385E+02	9.1659E+02
Pu-240 (g)	5.0430E+02	5.8594E+02
Pu-241 (g)	2.1851E+02	2.3974E+02
Am-241 (g)	7.1171E+01	7.7529E+01
Pu-242 (g)	1.7321E+02	3.0686E+02
Am-242m (g)	0.0000E+00	0.0000E+00
Am-243 (g)	3.7719E+01	7.9846E+01
Cm-243 (g)	0.0000E+00	2.6097E-01
Cm-244 (g)	1.7143E+01	5.4556E+01
Cm-245 (g)	1.4171E+00	5.1597E+00
Cm-246 (g)	0.0000E+00	1.6251E+00
Totals (g)	**2.7215E+05**	**2.7189E+05**

H-3 (W)	3.9213E-03	5.6226E-03
Mn-54 (W)	8.5594E-04	9.6334E-04
Fe-55 (W)	6.8664E-04	9.0361E-04
Co-60 (W)	1.2315E-02	2.6450E-02
Kr-85 (W)	2.4809E+00	2.9094E+00
Y-88 (W)	8.8941E-07	1.3189E-06
Sr-89 (W)	4.2061E-09	3.3889E-09
Sr-90 (W)	1.9434E+01	2.3558E+01
Y-90 (W)	9.1137E+01	1.1023E+02
Y-91 (W)	1.7567E-07	1.4661E-07
Zr-95 (W)	2.5298E-06	2.3651E-06
Nb-95 (W)	5.2203E-06	4.8735E-06
Nb-95m (W)	8.3544E-09	7.7995E-09
Tc-99 (W)	1.1250E-03	1.4269E-03
Rh-102 (W)	4.9285E-05	6.8614E-05
Rh-102m (W)	5.8335E-03	8.9434E-03
Ru-103 (W)	6.7706E-12	7.3326E-12
Rh-103m (W)	4.5678E-13	4.9394E-13
Ru-106 (W)	1.9800E-01	2.4834E-01
Rh-106 (W)	3.1556E+01	3.9500E+01
Ag-110 (W)	6.0873E-04	1.0758E-03
Ag-110m (W)	1.0607E-01	1.8788E-01
In-113m (W)	9.5833E-06	1.0733E-05
Sn-119m (W)	5.3609E-04	6.0639E-04
Sn-121 (W)	3.7792E-03	5.3859E-03
Sn-121m (W)	1.6207E-03	2.3140E-03
Sn-123 (W)	3.9121E-05	4.4772E-05
Sb-124 (W)	1.5748E-09	2.6307E-09
Sb-125 (W)	2.1100E+00	2.5967E+00
Te-125m (W)	1.3882E-01	1.7053E-01
Sb-126m (W)	9.4477E-04	1.4050E-03
Te-127 (W)	1.3053E-05	1.2719E-05
Te-127m (W)	5.4454E-06	5.3164E-06
Cs-134 (W)	8.0040E+01	1.2642E+02
Cs-137 (W)	2.6724E+01	3.5952E+01
Ba-137m (W)	9.1876E+01	1.2337E+02
Ce-141 (W)	3.3942E-15	3.2654E-15
Ce-144 (W)	1.2190E+00	1.1339E+00
Pr-144 (W)	1.3416E+01	1.2458E+01
Pr-144m (W)	6.0532E-03	5.6208E-03
Pm-147 (W)	3.0428E+00	2.8067E+00
Pm-148m (W)	3.1141E-12	2.7760E-12
Sm-151 (W)	7.1978E-03	7.6672E-03
Eu-152 (W)	2.9269E-03	2.4895E-03
Eu-154 (W)	1.1264E+01	1.5085E+01
Eu-155 (W)	4.3799E-01	6.0926E-01
Tb-160 (W)	4.0025E-08	8.3005E-08

Ta-182 (W)	1.3098E-06	1.8017E-06
U-234 (W)	6.7049E-03	5.4673E-03
U-236 (W)	1.9172E-03	1.9825E-03
Pu-236 (W)	2.5522E-03	4.3216E-03
U-237 (W)	1.0006E-03	0.0000E+00
Np-237 (W)	2.4659E-03	3.1250E-03
U-238 (W)	1.3992E-03	1.3715E-03
Pu-238 (W)	3.9547E+01	7.0380E+01
Np-239 (W)	1.7926E-02	3.7821E-02
Pu-239 (W)	1.8776E+00	1.7672E+00
Pu-240 (W)	3.5641E+00	4.1410E+00
Pu-241 (W)	7.1996E-01	7.8993E-01
Am-241 (W)	8.1403E+00	8.8675E+00
Pu-242 (W)	2.0229E-02	3.5838E-02
Am-242 (W)	2.2837E-03	2.3991E-03
Cm-242 (W)	2.9841E-01	3.8517E-01
Am-242m (W)	0.0000E+00	0.0000E+00
Am-243 (W)	2.4250E-01	5.1335E-01
Cm-243 (W)	2.7808E-01	4.8307E-01
Cm-244 (W)	4.8505E+01	1.5437E+02
Cm-245 (W)	8.1487E-03	2.9669E-02
Cm-246 (W)	2.5531E-03	1.6231E-02
Totals (W)	**4.7847E+02**	**7.3915E+02**

G4610G14-e6.6_b52GWD.out	G4610G14-e6.6_b72GWD.out	G4610G14-e7.9_b52GWD.out
6.6	6.6	7.9
52	72	52
1.09	1.11	1.09
56.68	79.92	56.68
25	25	25
5	5	5
0.179	0.179	0.179
1.1052E+02	1.5792E+02	1.0837E+02
1.5575E-01	1.7346E-01	1.4970E-01
1.4572E+01	1.8859E+01	1.2971E+01
5.0709E-01	1.0179E+00	4.2990E-01
3.2183E+00	4.7486E+00	2.8620E+00
1.8255E+03	2.2032E+03	1.8813E+03
1.5038E-06	1.2728E-06	1.6105E-06
1.8697E+04	2.3403E+04	1.9344E+04
1.8421E+04	2.3009E+04	1.9068E+04
5.8707E-05	5.0791E-05	6.2291E-05
5.4365E-01	7.2167E-01	5.5121E-01
5.3868E-04	5.0696E-04	5.5201E-04
1.1685E-03	1.0979E-03	1.1975E-03
6.0677E-06	5.7009E-06	6.2185E-06
3.5665E+00	4.6165E+00	3.6057E+00
1.1161E-02	1.6250E-02	1.0661E-02
4.2097E-01	6.7112E-01	4.0804E-01
1.8081E-09	1.9715E-09	1.7254E-09
1.7637E-09	1.9201E-09	1.6834E-09
2.5713E+03	3.2836E+03	2.3071E+03
2.5419E+03	3.2394E+03	2.2824E+03
0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00
5.3267E-02	9.7743E-02	4.3796E-02
3.9474E+00	7.2616E+00	3.2411E+00
3.3423E-03	3.8167E-03	3.0419E-03
3.3883E-03	3.8749E-03	3.0831E-03
8.9977E-01	1.0106E+00	8.5155E-01
4.9847E+00	7.0907E+00	4.8003E+00
6.5101E+00	9.2773E+00	6.2666E+00
1.0130E-02	1.1822E-02	9.2739E-03
0.0000E+00	0.0000E+00	0.0000E+00
5.9187E+02	7.2486E+02	5.6459E+02
1.4298E+02	1.7478E+02	1.3645E+02
1.0265E-02	1.0235E-02	1.0401E-02
1.0650E-02	1.0638E-02	1.0789E-02
6.6113E+03	1.0644E+04	6.1323E+03
0.0000E+00	0.0000E+00	0.0000E+00
2.5158E+04	3.3871E+04	2.5159E+04

2.3492E+04	3.1568E+04	2.3503E+04
2.3252E-03	3.6736E-03	2.2296E-03
2.4182E-12	2.3278E-12	2.4545E-12
1.9954E+03	1.8831E+03	2.0432E+03
1.9640E+03	1.8498E+03	2.0116E+03
1.8754E+01	1.7664E+01	1.9209E+01
9.6535E+03	9.2430E+03	1.0155E+04
3.0645E-10	2.8869E-10	3.2780E-10
8.5690E+01	8.7004E+01	1.0061E+02
1.0070E+00	7.8611E-01	1.5610E+00
2.2030E-02	2.5315E-02	2.6655E-02
1.2251E+03	1.8000E+03	1.1836E+03
5.2139E+02	7.9331E+02	4.8532E+02
3.0373E-06	6.2486E-06	2.4974E-06
4.0578E-01	3.4287E-01	5.0865E-01
5.4084E-01	6.6129E-01	5.1831E-01
1.0670E+03	2.1248E+03	9.9962E+02
4.3380E+00	1.0216E+01	3.4124E+00
7.3770E+01	7.0979E+01	7.9310E+01
1.0093E+02	1.2688E+02	9.4097E+01
2.2363E+04	2.7423E+04	2.1413E+04
2.4995E+02	3.0965E+02	2.4251E+02
4.3631E-01	8.4094E-01	3.5678E-01
2.6126E+00	3.4760E+00	2.7078E+00
2.5576E+00	3.3907E+00	2.6531E+00
7.3100E+00	1.1382E+01	6.7261E+00
4.3561E+00	1.0301E+01	3.4183E+00
5.3013E+00	1.1644E+01	4.3684E+00
6.6763E+02	2.3164E+03	4.9151E+02
0.0000E+00	4.8251E-01	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00
1.4022E+05	**1.8044E+05**	**1.3987E+05**
1.2684E+00	2.1551E+00	1.2083E+00
1.9396E+00	2.8144E+00	1.8944E+00
2.4014E+04	2.4013E+04	2.4018E+04
9.7773E+00	9.8018E+00	9.7771E+00
5.5536E+01	5.5536E+01	5.5546E+01
2.7789E+00	2.7147E+00	2.7932E+00
5.8115E+01	5.8036E+01	5.8131E+01
6.5475E+00	6.4520E+00	6.5696E+00
2.0573E+00	2.2372E+00	2.0176E+00
5.2656E+00	5.2448E+00	5.2697E+00
8.5732E+01	8.5398E+01	8.5805E+01
2.6776E+00	3.0134E+00	2.6044E+00
3.1409E-01	3.3345E-01	3.1224E-01
2.5382E+01	2.5204E+01	2.5418E+01

0.0000E+00	3.8335E-01	0.0000E+00
1.0218E+01	1.0226E+01	1.0218E+01
5.2252E-01	5.5867E-01	5.1467E-01
1.4112E+00	1.3823E+00	1.4177E+00
3.8636E-01	3.8812E-01	3.8613E-01
0.0000E+00	2.9328E-01	0.0000E+00
6.4068E-01	8.7103E-01	6.4904E-01
1.2702E+00	1.6388E+00	1.2969E+00
3.7086E+00	4.9794E+00	3.7735E+00
5.8508E+00	7.7236E+00	5.9350E+00
9.5753E+00	1.2746E+01	9.7470E+00
0.0000E+00	3.2874E-01	0.0000E+00
1.1545E+01	1.3133E+01	1.2236E+01
3.1542E+01	4.3319E+01	3.1930E+01
4.6637E+00	5.6285E+00	4.8062E+00
3.0828E+01	4.0326E+01	3.1754E+01
5.4216E+01	7.0276E+01	5.5915E+01
0.0000E+00	3.8664E-01	0.0000E+00
7.1158E+01	9.2027E+01	7.3430E+01
9.8845E+01	1.2765E+02	1.0209E+02
1.3200E+02	1.7008E+02	1.3632E+02
1.3537E+02	1.6945E+02	1.4006E+02
3.4702E+04	3.4711E+04	3.4703E+04
7.7577E+03	7.7788E+03	7.7673E+03
1.2051E+04	1.2133E+04	1.2052E+04
2.1616E+02	2.8694E+02	2.1917E+02
1.2446E+04	1.2516E+04	1.2450E+04
2.1228E+02	2.7618E+02	2.1583E+02
2.2292E+03	2.3021E+03	2.2325E+03
1.2492E+01	2.5267E+01	1.1583E+01
2.2653E+02	3.0707E+02	2.2742E+02
2.2653E+02	3.1149E+02	2.2705E+02
2.0829E+02	2.6961E+02	2.1058E+02
2.5611E+02	3.5232E+02	2.5617E+02
2.8034E+01	5.4640E+01	2.5963E+01
2.0448E+02	2.7573E+02	2.0431E+02
2.1181E+02	3.0700E+02	2.0831E+02
1.1186E+02	1.3430E+02	1.1222E+02
1.3724E+02	2.0668E+02	1.3056E+02
6.0995E+01	1.1712E+02	5.5141E+01
9.3245E+01	1.4114E+02	8.7564E+01
7.7535E-01	9.9015E-01	6.9568E-01
8.0893E+01	1.3635E+02	7.2878E+01
4.7919E+01	7.8295E+01	4.2899E+01
3.1734E+01	5.3763E+01	2.8072E+01
1.5816E+01	2.4367E+01	1.4223E+01
1.0668E+01	1.8314E+01	9.4373E+00

8.6164E+00	1.9772E+01	7.1700E+00
5.2142E+00	8.9791E+00	4.6616E+00
2.8571E+00	4.7849E+00	2.6049E+00
8.9926E+00	8.8829E+00	9.0080E+00
0.0000E+00	2.7364E-01	0.0000E+00
3.5989E+00	5.6599E+00	3.3569E+00
6.3436E+00	6.3391E+00	6.3426E+00
3.7626E-01	3.9512E-01	3.8517E-01
2.9787E+00	2.8110E+00	3.0276E+00
1.4287E+00	2.1196E+00	1.3668E+00
1.4305E+02	1.4314E+02	1.4305E+02
7.7698E+01	7.8316E+01	7.7623E+01
2.4454E+02	2.4535E+02	2.4447E+02
8.8202E+01	8.8790E+01	8.8167E+01
3.3386E+02	3.3465E+02	3.3378E+02
1.8442E+00	2.6032E+00	1.7812E+00
4.9531E+01	5.0243E+01	4.9478E+01
0.0000E+00	2.9113E-01	0.0000E+00
1.6409E+00	2.3448E+00	1.5879E+00
6.3125E+01	6.4084E+01	6.3075E+01
5.7045E-01	6.9862E-01	5.4415E-01
2.9692E+00	4.4496E+00	2.8476E+00
5.3183E+00	7.8752E+00	5.0953E+00
0.0000E+00	3.7653E-01	0.0000E+00
1.1157E+01	1.5645E+01	1.0844E+01
2.3879E+01	3.4319E+01	2.3263E+01
9.0257E-01	1.9374E+00	8.2102E-01
3.8739E+01	5.4865E+01	3.7792E+01
1.0280E+02	1.4321E+02	1.0209E+02
1.7153E+00	3.7938E+00	1.4808E+00
1.1136E+02	1.3046E+02	1.1427E+02
2.9452E+02	4.3376E+02	2.8906E+02
3.0237E+02	3.8757E+02	3.0641E+02
4.1807E+02	5.7319E+02	4.1925E+02
5.1141E+00	8.2335E+00	4.7436E+00
4.2139E+01	8.0919E+01	3.9375E+01
1.7608E+02	2.2876E+02	1.9496E+02
0.0000E+00	4.8839E-01	0.0000E+00
5.5139E+02	7.8097E+02	5.2899E+02
8.5686E+00	1.6648E+01	8.4803E+00
2.8980E+02	3.9017E+02	2.8981E+02
5.5755E+01	8.6132E+01	5.5782E+01
3.5938E+02	4.9061E+02	3.6141E+02
3.3418E+02	4.5181E+02	3.3675E+02
3.4335E+02	4.6725E+02	3.4500E+02
3.0170E+02	4.0498E+02	3.0435E+02
3.1035E+02	4.2015E+02	3.1303E+02

6.0623E+00	1.2778E+01	5.4588E+00
2.2096E+02	2.4887E+02	2.3448E+02
6.2658E-01	5.9132E-01	6.4160E-01
3.5797E+02	5.2663E+02	3.5221E+02
1.8331E+02	2.3229E+02	1.8737E+02
1.9218E+02	2.7718E+02	1.9131E+02
1.0407E+01	9.9646E+00	1.0948E+01
5.8469E+01	6.5054E+01	6.1660E+01
1.0065E+02	1.3794E+02	1.0068E+02
4.2186E+01	7.2044E+01	4.0841E+01
7.3323E-01	6.6335E-01	8.8912E-01
4.7415E+01	6.7204E+01	4.6661E+01
7.2772E+01	9.8245E+01	7.1785E+01
3.2556E+00	3.3056E+00	3.8225E+00
2.5229E+01	2.9974E+01	2.5298E+01
2.8455E+01	3.8888E+01	2.7476E+01
8.8622E+00	1.3540E+01	8.3535E+00
4.5368E+00	6.6658E+00	4.3829E+00
3.2827E+00	5.4845E+00	3.1715E+00
1.0739E+00	1.6340E+00	9.9962E-01
1.1767E+00	1.7782E+00	1.1066E+00
2.2176E+01	5.0172E+01	1.8899E+01
4.1987E+00	8.7715E+00	3.6574E+00
5.4579E-01	9.8205E-01	4.8322E-01
0.0000E+00	4.1460E-01	0.0000E+00
1.1994E+00	7.3466E-01	1.3220E+00
2.1078E+00	2.0626E+00	2.0636E+00
3.2714E+00	3.7325E+00	3.1994E+00
6.5216E+01	5.5105E+01	8.1749E+01
3.8889E+03	2.1499E+03	5.6445E+03
1.5248E+03	1.7450E+03	1.7098E+03
1.3487E+02	1.8607E+02	1.3977E+02
1.6144E+05	1.5884E+05	1.5944E+05
6.2306E+01	1.2408E+02	5.8374E+01
1.1893E+03	1.1443E+03	1.2786E+03
4.4465E+02	5.5896E+02	4.1455E+02
2.1548E+02	2.6424E+02	2.0633E+02
7.2909E+01	9.0323E+01	7.0740E+01
1.1034E+02	2.1267E+02	9.0227E+01
0.0000E+00	3.3185E-01	0.0000E+00
2.1827E+01	5.1618E+01	1.7128E+01
0.0000E+00	0.0000E+00	0.0000E+00
8.2542E+00	2.8639E+01	6.0767E+00
6.7008E-01	2.8114E+00	4.8361E-01
0.0000E+00	5.9897E-01	0.0000E+00
2.7217E+05	**2.7193E+05**	**2.7217E+05**

3.7280E-03	5.3268E-03	3.6555E-03
7.7571E-04	8.6393E-04	7.4557E-04
5.0466E-04	0.0000E+00	0.0000E+00
7.8176E-03	1.5693E-02	6.6276E-03
2.7361E+00	3.3021E+00	2.8197E+00
8.4393E-07	1.2964E-06	8.1726E-07
5.2181E-09	4.4167E-09	5.5883E-09
2.1702E+01	2.7165E+01	2.2453E+01
1.0189E+02	1.2726E+02	1.0547E+02
2.1096E-07	1.8251E-07	2.2384E-07
2.7147E-06	2.5549E-06	2.7819E-06
5.6039E-06	5.2651E-06	5.7432E-06
8.9683E-09	8.4262E-09	9.1912E-09
1.1671E-03	1.5107E-03	1.1799E-03
4.4348E-05	6.4571E-05	4.2361E-05
5.4013E-03	8.6110E-03	5.2355E-03
6.0263E-12	6.5707E-12	5.7507E-12
4.0683E-13	4.4290E-13	3.8831E-13
1.5288E-01	1.9524E-01	1.3717E-01
2.4403E+01	3.1100E+01	2.1912E+01
3.8167E-04	7.0035E-04	3.1381E-04
6.6333E-02	1.2203E-01	5.4464E-02
7.7586E-06	8.8599E-06	7.0613E-06
4.6719E-04	5.2474E-04	4.4215E-04
3.4224E-03	4.8684E-03	3.2959E-03
1.4660E-03	2.0891E-03	1.4112E-03
3.1832E-05	3.7146E-05	2.9141E-05
1.1794E-09	1.9917E-09	1.0452E-09
1.8719E+00	2.2925E+00	1.7856E+00
1.2329E-01	1.5072E-01	1.1766E-01
8.4425E-04	1.2479E-03	0.0000E+00
1.3962E-05	1.3922E-05	1.4148E-05
5.8198E-06	5.8132E-06	5.8959E-06
6.7352E+01	1.0843E+02	6.2472E+01
2.6763E+01	3.6032E+01	2.6764E+01
9.2106E+01	1.2377E+02	9.2153E+01
3.5383E-15	3.4061E-15	3.5914E-15
1.3082E+00	1.2345E+00	1.3395E+00
1.4407E+01	1.3569E+01	1.4756E+01
6.5001E-03	6.1220E-03	6.6577E-03
3.5356E+00	3.3852E+00	3.7192E+00
3.9240E-12	3.6966E-12	4.1974E-12
1.0066E-02	1.0221E-02	1.1819E-02
7.7480E-03	6.0483E-03	1.2011E-02
1.1006E+01	1.6172E+01	1.0633E+01
3.8339E-01	5.8334E-01	3.5687E-01
2.4894E-08	5.1214E-08	2.0469E-08

1.3149E-06	1.7965E-06	1.3152E-06
1.1679E-02	9.8685E-03	1.4640E-02
2.6668E-03	3.0518E-03	2.9903E-03
2.6248E-03	4.7730E-03	2.6320E-03
9.8863E-04	1.2088E-03	9.4746E-04
2.7808E-03	3.8365E-03	2.8817E-03
1.3726E-03	1.3505E-03	1.3557E-03
3.5356E+01	7.0409E+01	3.3125E+01
1.0419E-02	2.4536E-02	8.1960E-03
2.2930E+00	2.2062E+00	2.4652E+00
3.1425E+00	3.9504E+00	2.9298E+00
7.0998E-01	8.7063E-01	6.7982E-01
8.3392E+00	1.0331E+01	8.0910E+00
1.2886E-02	2.4837E-02	1.0537E-02
2.9750E-03	3.9441E-03	3.0861E-03
2.6934E-01	4.1938E-01	2.4782E-01
1.0821E-03	1.4397E-03	1.1215E-03
1.4033E-01	3.3187E-01	1.1012E-01
1.9415E-01	4.2646E-01	1.5998E-01
2.3355E+01	8.1033E+01	1.7194E+01
3.8531E-03	1.6167E-02	2.7808E-03
8.7725E-04	5.9825E-03	0.0000E+00
4.4371E+02	**6.6492E+02**	**4.3205E+02**

G4610G14-e7.9_b72GWD.out
7.9
72
1.11
79.92
25
5
0.179
1.5443E+02
1.6433E-01
1.6466E+01
8.2632E-01
4.1772E+00
2.2986E+03
1.4070E-06
2.4529E+04
2.4130E+04
5.5308E-05
7.3579E-01
5.2403E-04
1.1350E-03
5.8939E-06
4.7093E+00
1.5604E-02
6.5485E-01
1.8688E-09
1.8206E-09
2.9227E+03
2.8853E+03
0.0000E+00
0.0000E+00
7.9601E-02
5.9069E+00
3.4427E-03
3.4936E-03
9.4409E-01
6.8002E+00
8.8923E+00
1.0771E-02
0.0000E+00
6.8651E+02
1.6562E+02
1.0496E-02
1.0904E-02
9.8156E+03
2.9437E-01
3.3893E+04

3.1605E+04
3.4986E-03
2.3738E-12
1.9473E+03
1.9134E+03
1.8271E+01
9.9515E+03
3.1916E-10
1.0141E+02
1.2442E+00
3.3708E-02
1.8097E+03
7.5961E+02
5.0028E-06
4.3687E-01
6.6532E-01
2.0371E+03
8.2279E+00
7.8056E+01
1.2176E+02
2.7566E+04
3.1869E+02
7.0161E-01
4.0378E+00
3.9425E+00
1.1228E+01
8.2815E+00
1.0221E+01
1.7172E+03
3.5464E-01
0.0000E+00
1.8153E+05
2.0269E+00
2.7194E+00
2.4017E+04
9.8000E+00
5.5545E+01
2.7383E+00
5.8064E+01
6.4885E+00
2.1707E+00
5.2517E+00
8.5520E+01
2.8900E+00
3.2975E-01
2.5265E+01

3.4344E-01
1.0222E+01
5.4539E-01
1.3931E+00
3.8739E-01
3.0518E-01
8.8446E-01
1.6933E+00
5.0923E+00
7.8914E+00
1.3057E+01
3.1107E-01
1.4427E+01
4.3958E+01
5.8722E+00
4.1991E+01
7.3280E+01
3.7196E-01
9.6053E+01
1.3341E+02
1.7779E+02
1.7760E+02
3.4713E+04
7.7955E+03
1.2134E+04
2.9256E+02
1.2523E+04
2.8329E+02
2.3082E+03
2.3156E+01
3.0914E+02
3.1261E+02
2.7504E+02
3.5276E+02
5.0011E+01
2.7626E+02
3.0055E+02
1.3711E+02
1.9518E+02
1.0517E+02
1.3211E+02
8.8131E-01
1.2145E+02
6.9826E+01
4.7408E+01
2.2056E+01
1.6092E+01

1.6247E+01
7.9149E+00
4.2954E+00
8.9086E+00
0.0000E+00
5.2192E+00
6.3359E+00
4.0759E-01
2.8877E+00
2.0136E+00
1.4313E+02
7.8203E+01
2.4522E+02
8.8735E+01
3.3451E+02
2.5034E+00
5.0153E+01
0.0000E+00
2.2593E+00
6.3998E+01
6.6166E-01
4.2485E+00
7.5046E+00
3.5168E-01
1.5211E+01
3.3308E+01
1.7357E+00
5.3518E+01
1.4216E+02
3.2061E+00
1.3694E+02
4.2358E+02
3.9674E+02
5.7563E+02
7.5928E+00
7.5107E+01
2.5549E+02
4.2365E-01
7.4836E+02
1.6401E+01
3.9042E+02
8.6244E+01
4.9440E+02
4.5693E+02
4.7013E+02
4.1049E+02
4.2521E+02

1.1324E+01
2.7465E+02
6.1148E-01
5.1516E+02
2.4035E+02
2.7487E+02
1.0729E+01
7.0773E+01
1.3812E+02
6.9828E+01
7.7678E-01
6.5924E+01
9.7565E+01
3.8529E+00
3.0393E+01
3.8345E+01
1.2647E+01
6.7016E+00
5.4937E+00
1.5646E+00
1.7189E+00
4.2207E+01
7.3602E+00
8.5227E-01
3.6388E-01
8.6126E-01
2.0730E+00
3.6166E+00
7.0213E+01
3.5235E+03
2.0208E+03
1.9720E+02
1.5710E+05
1.1896E+02
1.2584E+03
5.3642E+02
2.6561E+02
9.2961E+01
1.7743E+02
3.8548E-01
4.1496E+01
0.0000E+00
2.1230E+01
2.0664E+00
3.8817E-01
2.7193E+05

5.2091E-03
8.1846E-04
0.0000E+00
1.2739E-02
3.4451E+00
1.2536E-06
4.8822E-09
2.8471E+01
1.3346E+02
1.9874E-07
2.6409E-06
5.4433E-06
8.7114E-09
1.5411E-03
6.2005E-05
8.4021E-03
6.2286E-12
4.1996E-13
1.7378E-01
2.7701E+01
5.7036E-04
9.9261E-02
7.9918E-06
4.9020E-04
4.6689E-03
2.0024E-03
3.3846E-05
1.7377E-09
2.1712E+00
1.4281E-01
1.1898E-03
1.4277E-05
5.9587E-06
9.9995E+01
3.6055E+01
1.2392E+02
3.4734E-15
1.2766E+00
1.4035E+01
6.3325E-03
3.6447E+00
4.0867E-12
1.1913E-02
9.5727E-03
1.6258E+01
5.5856E-01
4.1004E-08

1.7973E-06
1.2574E-02
3.5343E-03
4.8313E-03
1.2162E-03
4.0660E-03
1.3357E-03
6.7503E+01
1.9762E-02
2.4262E+00
3.7911E+00
8.7517E-01
1.0633E+01
2.0722E-02
4.5860E-03
4.1368E-01
1.6724E-03
2.6679E-01
3.7434E-01
6.0071E+01
1.1882E-02
3.8771E-03
6.3792E+02

File Name	Enrich. (wt.%)	Burnup (GWD/MTU)	Burnup-Peaking Factor	Peak Rod Burnup (GWD/MTU)
G4610G14-e7.9_b52GWD.out	7.9	52	1.09	56.68
G4610G14-e6.6_b52GWD.out	6.6	52	1.09	56.68
G4610G14-e4.3_b52GWD.out	4.3	52	1.09	56.68
G4610G14-e7.9_b72GWD.out	7.9	72	1.11	79.92
G4610G14-e6.6_b72GWD.out	6.6	72	1.11	79.92
G4610G14-e4.3_b72GWD.out	4.3	72	1.11	79.92

Specific Power (W/kg)	Initial Mass (MTU)	Total Decay Heat (W) as a function of Cooling Time (years)						
		0	1	5	10	20	30	40
25	0.179	275860	1666	432	308	243	202	171
25	0.179	274060	1725	444	313	247	205	173
25	0.179	269630	1884	478	329	255	211	177
25	0.179	272780	2113	638	460	360	298	250
25	0.179	270860	2207	665	475	369	304	254
25	0.179	267330	2422	739	517	392	317	261

File Name	4.2_64-CR0-MDC-MPC-MTF_52GWD_40SP.out	
Enrichment (wt.%)		4.2
IFBA Count (-)		64
WABA Count (-)		0
Control Rods		0
Burnup (GWD/MTU)		52
Burnup-Peaking Factor		1.07
Peak Rod Burnup (GWD/M		55.64
Specific Power (W/kg)		40
Cooling Time (years)	0.0E+00y	
Uranium Weight (MTU)		0.44
Total (g)		679082
Total (W)		1063216.1

4.2_64-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.2_i128-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.2	4.2
64	128
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
0.0E+00y	0.0E+00y
0.44	0.44
679092.6	690444.7
1055278.4	1061375.1

4.2_i128-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.2_i32-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.2	4.2
128	32
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
0.0E+00y	0.0E+00y
0.44	0.44
690453.3	669106.7
1053044.7	1065038.5

4.2_i32-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.2_i32_w16-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.2	4.2
32	32
0	16
0	0
72	52
1.08	1.07
77.76	55.64
40	40
0.0E+00y	0.0E+00y
0.44	0.44
669116.3	680266.4
1057426.7	1065794.7

4.2_i32_w16-CR0-MDC-MPC-MTF_72GWD_40SP.out

4.2
32
16
0
72
1.08
77.76
40

0.0E+00y

0.44
680273.7
1058374.7

4.2_i32_w24-CR0-MDC-MPC-MTF_52GWD_40SP.out

4.2
32
24
0
52
1.07
55.64
40

0.0E+00y

0.44
685846.8
1066170.4

4.2_i32_w24-CR0-MDC-MPC-MTF_72GWD_40SP.out

4.2
32
24
0
72
1.08
77.76
40

0.0E+00y

0.44
685853.7
1058852.9

4.6_i128-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.6_i128-CR0-MDC-MPC-MTF_72GWD_40SP.out
4.6	4.6
128	128
0	0
0	0
52	72
1.07	1.08
55.64	77.76
40	40
0.0E+00y	0.0E+00y
0.44	0.44
690446.5	690447.8
1065133.3	1055340.1

4.6_i32-CR0-MDC-MPC-MTF_52GWD_40SP.out	4.6_i32-CR0-MDC-MPC-MTF_72GWD_40SP.out
4.6	4.6
32	32
0	0
0	0
52	72
1.07	1.08
55.64	77.76
40	40
0.0E+00y	0.0E+00y
0.44	0.44
669105.5	669114.6
1068516.8	1059636.7

4.6_i32_w16-CR0-MDC-MPC-MTF_52GWD_40SP.out

4.6
32
16
0
52
1.07
55.64
40

0.0E+00y

0.44
680261.9
1069162.6

4.6_i32_w16-CR0-MDC-MPC-MTF_72GWD_40SP.out	4.6_i64-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.6	4.6
32	64
16	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
0.0E+00y	0.0E+00y
0.44	0.44
680270.7	679083.8
1060579	1066832.7

4.6_i64-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95_i104-CR0-MDC-MPC-MTF_52GWD_40SP.out
4.6	5.95
64	104
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
0.0E+00y	0.0E+00y
0.44	0.44
679088.1	669357
1057525.2	1079883.2

5.95_i104-CR0-MDC-MPC-MTF_72GWD_40SP.out	5.95_i200-CR0-MDC-MPC-MTF_52GWD_40SP.out
5.95	5.95
104	200
0	0
0	0
72	52
1.08	1.07
77.76	55.64
40	40
0.0E+00y	0.0E+00y
0.44	0.44
669355.9	669692.9
1068666.3	1079913.2

5.95_i200-CR0-MDC-MPC-MTF_72GWD_40SP.out

5.95
200
0
0
72
1.08
77.76
40

0.0E+00y

0.44
669686.5
1068865.3

5.95_i200_w20-CR0-MDC-MPC-MTF_52GWD_40SP.out

5.95
200
20
0
52
1.07
55.64
40

0.0E+00y

0.44
683644.6
1080185.1

5.95_i200_w20-CR0-MDC-MPC-MTF_72GWD_40SP.out

5.95
200
20
0
72
1.08
77.76
40

0.0E+00y

0.44
683641.7
1069750

5.95_i200_w24-CR0-MDC-MPC-MTF_52GWD_40SP.out

5.95
200
24
0
52
1.07
55.64
40

0.0E+00y

0.44
686438
1080239.3

5.95_i200_w24-CR0-MDC-MPC-MTF_72GWD_40SP.out

5.95
200
24
0
72
1.08
77.76
40

0.0E+00y

0.44
686432.8
1069928.6

5.95_i80-CR0-MDC-MPC-MTF_52GWD_40SP.out	5.95_i80-CR0-MDC-MPC-MTF_72GWD_40SP.out
5.95	5.95
80	80
0	0
0	0
52	72
1.07	1.08
55.64	77.76
40	40
0.0E+00y	0.0E+00y
0.44	0.44
681801.3	681795.6
1078265	1066283.8

6.2_i200-CR0-MDC-MPC-MTF_52GWD_40SP.out	6.2_i200-CR0-MDC-MPC-MTF_72GWD_40SP.out
6.2	6.2
200	200
0	0
0	0
52	72
1.07	1.08
55.64	77.76
40	40
0.0E+00y	0.0E+00y
0.44	0.44
705072.9	705075.1
1077984.9	1064734.3

6.2_i200_w08-CR0-MDC-MPC-MTF_52GWD_40SP.out

6.2
200
8
0
52
1.07
55.64
40

0.0E+00y

0.44
711840.5
1078120.9

6.2_i200_w08-CR0-MDC-MPC-MTF_72GWD_40SP.out

6.2
200
8
0
72
1.08
77.76
40

0.0E+00y

0.44
711836.2
1065161.3

6.6_i128-CR0-MDC-MPC-MTF_52GWD_40SP.out	6.6_i128-CR0-MDC-MPC-MTF_72GWD_40SP.out
6.6	6.6
128	128
0	0
0	0
52	72
1.07	1.08
55.64	77.76
40	40
0.0E+00y	0.0E+00y
0.44	0.44
690454.7	690443.8
1082537.2	1069854.1

6.6_i156-CR0-MDC-MPC-MTF_52GWD_40SP.out	6.6_i156-CR0-MDC-MPC-MTF_72GWD_40SP.out
6.6	6.6
156	156
0	0
0	0
52	72
1.07	1.08
55.64	77.76
40	40
0.0E+00y	0.0E+00y
0.44	0.44
695888.2	695879.5
1082025.4	1069111.2

File Name	4.2_64-CR(	4.2_64-CR(	4.2_i128-C	4.2_i128-C	4.2_i32-CR	4.2_i32-CR	4.2_i32_w
Enrichment (wt.%)	4.2	4.2	4.2	4.2	4.2	4.2	4.2
IFBA Count (-)	64	64	128	128	32	32	32
WABA Count (-)	0	0	0	0	0	0	16
Control Rods	0	0	0	0	0	0	0
Burnup (GWD/MTU)	52	72	52	72	52	72	52
Burnup-Peaking Factor	1.07	1.08	1.07	1.08	1.07	1.08	1.07
Peak Rod Burnup (GWD/I	55.64	77.76	55.64	77.76	55.64	77.76	55.64
Specific Power (W/kg)	40	40	40	40	40	40	40
Cooling Time (years)	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y
Uranium Weight (MTU)	0.44	0.44	0.44	0.44	0.44	0.44	0.44
Total (g)	679090.3	679101	690452.4	690461.8	669114.7	669123.8	680274.5
Total (W)	6319.2	8140.1	6283	8092.5	6354.8	8185.8	6385.4

4.2_i32_w	4.2_i32_w	4.2_i32_w	4.6_i128-C	4.6_i128-C	4.6_i32-CR	4.6_i32-CR	4.6_i32_w	4.6_i32_w	4.6_i64-CR
4.2	4.2	4.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6
32	32	32	128	128	32	32	32	32	64
16	24	24	0	0	0	0	16	16	0
0	0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72	52
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64
40	40	40	40	40	40	40	40	40	40
1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
680286.6	685854.5	685862.9	690453.5	690461.5	669113.2	669122.5	680269.3	680283.1	679091
8222.1	6401.3	8241.1	6171.8	7957.9	6244.3	8053.2	6276.2	8091.1	6208.2

4.6_i64-CR	5.95_i104-	5.95_i104-	5.95_i200-	5.95_i200-	5.95_i200_	5.95_i200_	5.95_i200_	5.95_i200_	5.95_i80-C
4.6	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95
64	104	104	200	200	200	200	200	200	80
0	0	0	0	0	20	20	24	24	0
0	0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72	52
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64
40	40	40	40	40	40	40	40	40	40
1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
679099.9	669363.1	669363	669699.2	669697.7	683651.3	683651.8	686445.7	686442.9	681807.9
8006.5	5938.2	7639.3	5945.8	7643.2	5988.6	7697.3	5997.3	7708.5	5888.7

5.95_i80-C	6.2_i200-C	6.2_i200-C	6.2_i200_v	6.2_i200_v	6.6_i128-C	6.6_i128-C	6.6_i156-C	6.6_i156-CR0-MDC-M
5.95	6.2	6.2	6.2	6.2	6.6	6.6	6.6	6.6
80	200	200	200	200	128	128	156	156
0	0	0	8	8	0	0	0	0
0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76
40	40	40	40	40	40	40	40	40
1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y	1.0E+00y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
681806.3	705081.7	705081	711848.6	711846.5	690461.4	690454	695895.3	695885.2
7575.1	5771.6	7405.8	5788	7425.7	5742.5	7357.9	5727.1	7335.3

PC-MTF_72GWD_40SP.out

File Name	4.2_64-CR(	4.2_64-CR(	4.2_i128-C	4.2_i128-C	4.2_i32-CR	4.2_i32-CR	4.2_i32_w
Enrichment (wt.%)	4.2	4.2	4.2	4.2	4.2	4.2	4.2
IFBA Count (-)	64	64	128	128	32	32	32
WABA Count (-)	0	0	0	0	0	0	16
Control Rods	0	0	0	0	0	0	0
Burnup (GWD/MTU)	52	72	52	72	52	72	52
Burnup-Peaking Factor	1.07	1.08	1.07	1.08	1.07	1.08	1.07
Peak Rod Burnup (GWD/I	55.64	77.76	55.64	77.76	55.64	77.76	55.64
Specific Power (W/kg)	40	40	40	40	40	40	40
Cooling Time (years)	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y
Uranium Weight (MTU)	0.44	0.44	0.44	0.44	0.44	0.44	0.44
Total (g)	679092.8	679104.4	690454.2	690465	669117.2	669127.2	680276.9
Total (W)	1323.9	2065.3	1310.4	2046	1336.9	2083.2	1346.1

4.2_i32_w	4.2_i32_w	4.2_i32_w	4.6_i128-C	4.6_i128-C	4.6_i32-CR	4.6_i32-CR	4.6_i32_w	4.6_i32_w	4.6_i64-CR
4.2	4.2	4.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6
32	32	32	128	128	32	32	32	32	64
16	24	24	0	0	0	0	16	16	0
0	0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72	52
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64
40	40	40	40	40	40	40	40	40	40
5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
680285.5	685857.4	685866.6	690454.8	690463	669114.9	669124.2	680275.5	680285	679092.4
2096.1	1350.9	2102.7	1286.7	1998.7	1312.8	2036.9	1322.2	2050.4	1300

4.6_i64-CR	5.95_i104-	5.95_i104-	5.95_i200-	5.95_i200-	5.95_i200_	5.95_i200_	5.95_i200_	5.95_i200_	5.95_i80-C
4.6	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95
64	104	104	200	200	200	200	200	200	80
0	0	0	0	0	20	20	24	24	0
0	0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72	52
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64
40	40	40	40	40	40	40	40	40	40
5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
679101.9	669366.4	669365.6	669702.9	669699.9	683655.3	683650.1	686449.8	686441.7	681811.2
2018.5	1251.5	1908.4	1252.9	1909.5	1264.8	1928.3	1267.3	1932.1	1235.9

5.95_i80-C	6.2_i200-C	6.2_i200-C	6.2_i200_v	6.2_i200_v	6.6_i128-C	6.6_i128-C	6.6_i156-C	6.6_i156-CR0-MDC-M
5.95	6.2	6.2	6.2	6.2	6.6	6.6	6.6	6.6
80	200	200	200	200	128	128	156	156
0	0	0	8	8	0	0	0	0
0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76
40	40	40	40	40	40	40	40	40
5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y	5.0E+00y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
681808.3	705083.9	705086.3	711851.3	711847.7	690463.2	690454.7	695897	695890
1883.6	1204.2	1824.3	1208.3	1831	1205.5	1819.5	1200.4	1810.7

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File Name	4.2_64-CR(	4.2_64-CR(	4.2_i128-C	4.2_i128-C	4.2_i32-CR	4.2_i32-CR	4.2_i32_w
Enrichment (wt.%)	4.2	4.2	4.2	4.2	4.2	4.2	4.2
IFBA Count (-)	64	64	128	128	32	32	32
WABA Count (-)	0	0	0	0	0	0	16
Control Rods	0	0	0	0	0	0	0
Burnup (GWD/MTU)	52	72	52	72	52	72	52
Burnup-Peaking Factor	1.07	1.08	1.07	1.08	1.07	1.08	1.07
Peak Rod Burnup (GWD/I	55.64	77.76	55.64	77.76	55.64	77.76	55.64
Specific Power (W/kg)	40	40	40	40	40	40	40
Cooling Time (years)	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y
Uranium Weight (MTU)	0.44	0.44	0.44	0.44	0.44	0.44	0.44
Total (g)	679091.8	679104.2	690453.1	690464.7	669116.4	669122.6	680276.3
Total (W)	854.6	1362.5	845.2	1347.6	863.9	1376.8	871.1

4.2_i32_w	4.2_i32_w	4.2_i32_w	4.6_i128-C	4.6_i128-C	4.6_i32-CR	4.6_i32-CR	4.6_i32_w	4.6_i32_w	4.6_i64-CR
4.2	4.2	4.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6
32	32	32	128	128	32	32	32	32	64
16	24	24	0	0	0	0	16	16	0
0	0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72	52
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64
40	40	40	40	40	40	40	40	40	40
1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
680285.5	685856.9	685866.7	690456.9	690461.1	669113	669122.6	680274	680283.6	679094.8
1387.8	874.9	1393.5	835	1320	853	1349.6	860.2	1361.1	844

4.6_i64-CR	5.95_i104-	5.95_i104-	5.95_i200-	5.95_i200-	5.95_i200_	5.95_i200_	5.95_i200_	5.95_i200_	5.95_i80-C
4.6	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95
64	104	104	200	200	200	200	200	200	80
0	0	0	0	0	20	20	24	24	0
0	0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72	52
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64
40	40	40	40	40	40	40	40	40	40
1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
679100.2	669366.1	669364.3	669702.8	669698.7	683651.1	683649.2	686445.7	686440.9	681810.6
1335.1	827.8	1279.1	829.2	1280.8	837.7	1295.8	839.5	1298.9	817.1

5.95_i80-C	6.2_i200-C	6.2_i200-C	6.2_i200_v	6.2_i200_v	6.6_i128-C	6.6_i128-C	6.6_i156-C	6.6_i156-CR0-MDC-M
5.95	6.2	6.2	6.2	6.2	6.6	6.6	6.6	6.6
80	200	200	200	200	128	128	156	156
0	0	0	8	8	0	0	0	0
0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76
40	40	40	40	40	40	40	40	40
1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y	1.0E+01y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
681806.6	705087	705083.5	711850.2	711849.3	690461.5	690455.5	695899.5	695886.3
1259.8	799.4	1221.1	802.3	1226.5	803.4	1223.7	800.2	1217.4

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File Name	4.2_64-CR(	4.2_64-CR(	4.2_i128-C	4.2_i128-C	4.2_i32-CR	4.2_i32-CR	4.2_i32_w
Enrichment (wt.%)	4.2	4.2	4.2	4.2	4.2	4.2	4.2
IFBA Count (-)	64	64	128	128	32	32	32
WABA Count (-)	0	0	0	0	0	0	16
Control Rods	0	0	0	0	0	0	0
Burnup (GWD/MTU)	52	72	52	72	52	72	52
Burnup-Peaking Factor	1.07	1.08	1.07	1.08	1.07	1.08	1.07
Peak Rod Burnup (GWD/I	55.64	77.76	55.64	77.76	55.64	77.76	55.64
Specific Power (W/kg)	40	40	40	40	40	40	40
Cooling Time (years)	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y
Uranium Weight (MTU)	0.44	0.44	0.44	0.44	0.44	0.44	0.44
Total (g)	679089	679102.4	690450.1	690462.7	669119.3	669125.6	680275.3
Total (W)	659.2	1024.5	651.3	1011.7	667.2	1037.2	673.9

4.2_i32_w	4.2_i32_w	4.2_i32_w	4.6_i128-C	4.6_i128-C	4.6_i32-CR	4.6_i32-CR	4.6_i32_w	4.6_i32_w	4.6_i64-CR
4.2	4.2	4.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6
32	32	32	128	128	32	32	32	32	64
16	24	24	0	0	0	0	16	16	0
0	0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72	52
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64
40	40	40	40	40	40	40	40	40	40
2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
680284.5	685856.1	685865.8	690456.5	690460.9	669114.2	669123	680271.2	680284.5	679091.2
1047.4	677.4	1052.8	646	996.3	661.3	1022.1	667.9	1032.7	653.5

4.6_i64-CR	5.95_i104-	5.95_i104-	5.95_i200-	5.95_i200-	5.95_i200_	5.95_i200_	5.95_i200_	5.95_i200_	5.95_i80-C
4.6	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95
64	104	104	200	200	200	200	200	200	80
0	0	0	0	0	20	20	24	24	0
0	0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72	52
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64
40	40	40	40	40	40	40	40	40	40
2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
679100.2	669367.2	669366.5	669704.2	669696.7	683653.1	683652.3	686447.6	686444.2	681811.2
1009.3	647.4	983.3	648.9	985.1	656.9	998.7	658.6	1001.5	637.9

5.95_i80-C	6.2_i200-C	6.2_i200-C	6.2_i200_v	6.2_i200_v	6.6_i128-C	6.6_i128-C	6.6_i156-C	6.6_i156-CR0-MDC-M
5.95	6.2	6.2	6.2	6.2	6.6	6.6	6.6	6.6
80	200	200	200	200	128	128	156	156
0	0	0	8	8	0	0	0	0
0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76
40	40	40	40	40	40	40	40	40
2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y	2.0E+01y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
681808.1	705086.2	705083.2	711854	711849.1	690464.4	690454.1	695897.9	695888.9
966.3	624	936.9	626.8	941.8	628.4	943	625.7	937.7

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File Name	4.2_64-CR(	4.2_64-CR(	4.2_i128-C	4.2_i128-C	4.2_i32-CR	4.2_i32-CR	4.2_i32_w
Enrichment (wt.%)	4.2	4.2	4.2	4.2	4.2	4.2	4.2
IFBA Count (-)	64	64	128	128	32	32	32
WABA Count (-)	0	0	0	0	0	0	16
Control Rods	0	0	0	0	0	0	0
Burnup (GWD/MTU)	52	72	52	72	52	72	52
Burnup-Peaking Factor	1.07	1.08	1.07	1.08	1.07	1.08	1.07
Peak Rod Burnup (GWD/I	55.64	77.76	55.64	77.76	55.64	77.76	55.64
Specific Power (W/kg)	40	40	40	40	40	40	40
Cooling Time (years)	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y
Uranium Weight (MTU)	0.44	0.44	0.44	0.44	0.44	0.44	0.44
Total (g)	679092.8	679103.9	690453.6	690464	669118	669127.2	680278.7
Total (W)	547.8	831	540.6	819.1	555.4	843	561.9

4.2_i32_w	4.2_i32_w	4.2_i32_w	4.6_i128-C	4.6_i128-C	4.6_i32-CR	4.6_i32-CR	4.6_i32_w	4.6_i32_w	4.6_i64-CR
4.2	4.2	4.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6
32	32	32	128	128	32	32	32	32	64
16	24	24	0	0	0	0	16	16	0
0	0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72	52
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64
40	40	40	40	40	40	40	40	40	40
3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
680286.3	685859.6	685867.8	690458.7	690460	669115.8	669127.1	680273.2	680284.4	679092.7
852.9	565.4	858	537.4	810.7	551.7	834.8	558.2	844.9	544.3

4.6_i64-CR	5.95_i104-	5.95_i104-	5.95_i200-	5.95_i200-	5.95_i200_	5.95_i200_	5.95_i200_	5.95_i200_	5.95_i80-C
4.6	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95
64	104	104	200	200	200	200	200	200	80
0	0	0	0	0	20	20	24	24	0
0	0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72	52
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64
40	40	40	40	40	40	40	40	40	40
3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
679099.8	669365.3	669365	669702.5	669700	683651.7	683651.5	686446.4	686443.6	681808.9
822.7	542.3	813	543.9	814.8	551.9	827.8	553.6	830.5	533.1

5.95_i80-C	6.2_i200-C	6.2_i200-C	6.2_i200_v	6.2_i200_v	6.6_i128-C	6.6_i128-C	6.6_i156-C	6.6_i156-CR0-MDC-M
5.95	6.2	6.2	6.2	6.2	6.6	6.6	6.6	6.6
80	200	200	200	200	128	128	156	156
0	0	0	8	8	0	0	0	0
0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76
40	40	40	40	40	40	40	40	40
3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y	3.0E+01y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
681806.2	705087.2	705084.2	711850.9	711850.4	690464.9	690458.5	695898.3	695888.9
797.1	520.4	772.2	523.2	776.7	524.8	780.1	522.3	775.2

PC-MTF_72GWD_40SP.out

File Name	4.2_64-CR(	4.2_64-CR(	4.2_i128-C	4.2_i128-C	4.2_i32-CR	4.2_i32-CR	4.2_i32_w
Enrichment (wt.%)	4.2	4.2	4.2	4.2	4.2	4.2	4.2
IFBA Count (-)	64	64	128	128	32	32	32
WABA Count (-)	0	0	0	0	0	0	16
Control Rods	0	0	0	0	0	0	0
Burnup (GWD/MTU)	52	72	52	72	52	72	52
Burnup-Peaking Factor	1.07	1.08	1.07	1.08	1.07	1.08	1.07
Peak Rod Burnup (GWD/I	55.64	77.76	55.64	77.76	55.64	77.76	55.64
Specific Power (W/kg)	40	40	40	40	40	40	40
Cooling Time (years)	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y
Uranium Weight (MTU)	0.44	0.44	0.44	0.44	0.44	0.44	0.44
Total (g)	679090.8	679103.3	690451.5	690467.8	669120.5	669127	680277
Total (W)	462.1	686.1	455.3	674.9	469.2	697.5	475.6

4.2_i32_w	4.2_i32_w	4.2_i32_w	4.6_i128-C	4.6_i128-C	4.6_i32-CR	4.6_i32-CR	4.6_i32_w	4.6_i32_w	4.6_i64-CR
4.2	4.2	4.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6
32	32	32	128	128	32	32	32	32	64
16	24	24	0	0	0	0	16	16	0
0	0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72	52
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64
40	40	40	40	40	40	40	40	40	40
4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
680286.2	685858.1	685867.7	690455.4	690462.3	669113	669125.2	680275	680287.1	679094
707	479	712	453.4	671	466.9	693.7	473.3	703.4	459.9

4.6_i64-CR	5.95_i104-	5.95_i104-	5.95_i200-	5.95_i200-	5.95_i200_	5.95_i200_	5.95_i200_	5.95_i200_	5.95_i80-C
4.6	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95
64	104	104	200	200	200	200	200	200	80
0	0	0	0	0	20	20	24	24	0
0	0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72	52
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64
40	40	40	40	40	40	40	40	40	40
4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
679102.1	669368.3	669367.7	669701.2	669698.2	683651.3	683654.6	686445.6	686446.6	681811.7
682.2	460.3	682.9	462	684.7	469.9	697.2	471.6	699.8	451.3

5.95_i80-C	6.2_i200-C	6.2_i200-C	6.2_i200_v	6.2_i200_v	6.6_i128-C	6.6_i128-C	6.6_i156-C	6.6_i156-CR0-MDC-M
5.95	6.2	6.2	6.2	6.2	6.6	6.6	6.6	6.6
80	200	200	200	200	128	128	156	156
0	0	0	8	8	0	0	0	0
0	0	0	0	0	0	0	0	0
72	52	72	52	72	52	72	52	72
1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08
77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76
40	40	40	40	40	40	40	40	40
4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y	4.0E+01y
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
681808.5	705085	705085.1	711852.7	711851.4	690462.1	690458.8	695899.8	695889.1
667.8	439.4	645.9	442.2	650.3	443.8	654.9	441.4	650.4

PC-MTF_72GWD_40SP.out

	File Name	4.2_64-CR(	4.2_64-CR(	4.2_i128-C	4.2_i128-C	4.2_i32-CR	4.2_i32-CR
	Enrichment (wt.%)	4.2	4.2	4.2	4.2	4.2	4.2
	IFBA Count (-)	64	64	128	128	32	32
	WABA Count (-)	0	0	0	0	0	0
	Control Rods	0	0	0	0	0	0
	Burnup (GWD/MTU)	52	72	52	72	52	72
	Burnup-Peaking Factor	1.07	1.08	1.07	1.08	1.07	1.08
	Peak Rod Burnup (GWD/MTU)	55.64	77.76	55.64	77.76	55.64	77.76
	Specific Power (W/kg)	40	40	40	40	40	40
	Uranium Weight (MTU)	0.44	0.44	0.44	0.44	0.44	0.44
0	Total (g)	679082	679092.6	690444.7	690453.3	669106.7	669116.3
0	Total (W)	1063216	1055278	1061375	1053045	1065039	1057427
1	Total (g)	679090.3	679101	690452.4	690461.8	669114.7	669123.8
1	Total (W)	6319.2	8140.1	6283	8092.5	6354.8	8185.8
5	Total (g)	679092.8	679104.4	690454.2	690465	669117.2	669127.2
5	Total (W)	1323.9	2065.3	1310.4	2046	1336.9	2083.2
10	Total (g)	679091.8	679104.2	690453.1	690464.7	669116.4	669122.6
10	Total (W)	854.6	1362.5	845.2	1347.6	863.9	1376.8
20	Total (g)	679089	679102.4	690450.1	690462.7	669119.3	669125.6
20	Total (W)	659.2	1024.5	651.3	1011.7	667.2	1037.2
30	Total (g)	679092.8	679103.9	690453.6	690464	669118	669127.2
30	Total (W)	547.8	831	540.6	819.1	555.4	843
40	Total (g)	679090.8	679103.3	690451.5	690467.8	669120.5	669127
40	Total (W)	462.1	686.1	455.3	674.9	469.2	697.5

4.2_i32_w	4.2_i32_w	4.2_i32_w	4.2_i32_w	4.6_i128-C	4.6_i128-C	4.6_i32-CR	4.6_i32-CR	4.6_i32_w	4.6_i32_w
4.2	4.2	4.2	4.2	4.6	4.6	4.6	4.6	4.6	4.6
32	32	32	32	128	128	32	32	32	32
16	16	24	24	0	0	0	0	16	16
0	0	0	0	0	0	0	0	0	0
52	72	52	72	52	72	52	72	52	72
1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08
55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76
40	40	40	40	40	40	40	40	40	40
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
669106.7	669116.3	669106.7	669116.3	690446.5	690447.8	669105.5	669114.6	669105.5	669114.6
1065039	1057427	1065039	1057427	1065133	1055340	1068517	1059637	1068517	1059637
669114.7	669123.8	669114.7	669123.8	690453.5	690461.5	669113.2	669122.5	669113.2	669122.5
6354.8	8185.8	6354.8	8185.8	6171.8	7957.9	6244.3	8053.2	6244.3	8053.2
669117.2	669127.2	669117.2	669127.2	690454.8	690463	669114.9	669124.2	669114.9	669124.2
1336.9	2083.2	1336.9	2083.2	1286.7	1998.7	1312.8	2036.9	1312.8	2036.9
669116.4	669122.6	669116.4	669122.6	690456.9	690461.1	669113	669122.6	669113	669122.6
863.9	1376.8	863.9	1376.8	835	1320	853	1349.6	853	1349.6
669119.3	669125.6	669119.3	669125.6	690456.5	690460.9	669114.2	669123	669114.2	669123
667.2	1037.2	667.2	1037.2	646	996.3	661.3	1022.1	661.3	1022.1
669118	669127.2	669118	669127.2	690458.7	690460	669115.8	669127.1	669115.8	669127.1
555.4	843	555.4	843	537.4	810.7	551.7	834.8	551.7	834.8
669120.5	669127	669120.5	669127	690455.4	690462.3	669113	669125.2	669113	669125.2
469.2	697.5	469.2	697.5	453.4	671	466.9	693.7	466.9	693.7

4.6_i64-CR	4.6_i64-CR	5.95_i104-	5.95_i104-	5.95_i200-	5.95_i200-	5.95_i200_	5.95_i200_	5.95_i200_	5.95_i200_
4.6	4.6	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95
64	64	104	104	200	200	200	200	200	200
0	0	0	0	0	0	20	20	24	24
0	0	0	0	0	0	0	0	0	0
52	72	52	72	52	72	52	72	52	72
1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08
55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76
40	40	40	40	40	40	40	40	40	40
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
679083.8	679088.1	669357	669355.9	669692.9	669686.5	669692.9	669686.5	669692.9	669686.5
1066833	1057525	1079883	1068666	1079913	1068865	1079913	1068865	1079913	1068865
679091	679099.9	669363.1	669363	669699.2	669697.7	669699.2	669697.7	669699.2	669697.7
6208.2	8006.5	5938.2	7639.3	5945.8	7643.2	5945.8	7643.2	5945.8	7643.2
679092.4	679101.9	669366.4	669365.6	669702.9	669699.9	669702.9	669699.9	669702.9	669699.9
1300	2018.5	1251.5	1908.4	1252.9	1909.5	1252.9	1909.5	1252.9	1909.5
679094.8	679100.2	669366.1	669364.3	669702.8	669698.7	669702.8	669698.7	669702.8	669698.7
844	1335.1	827.8	1279.1	829.2	1280.8	829.2	1280.8	829.2	1280.8
679091.2	679100.2	669367.2	669366.5	669704.2	669696.7	669704.2	669696.7	669704.2	669696.7
653.5	1009.3	647.4	983.3	648.9	985.1	648.9	985.1	648.9	985.1
679092.7	679099.8	669365.3	669365	669702.5	669700	669702.5	669700	669702.5	669700
544.3	822.7	542.3	813	543.9	814.8	543.9	814.8	543.9	814.8
679094	679102.1	669368.3	669367.7	669701.2	669698.2	669701.2	669698.2	669701.2	669698.2
459.9	682.2	460.3	682.9	462	684.7	462	684.7	462	684.7

5.95_i80-C	5.95_i80-C	6.2_i200-C	6.2_i200-C	6.2_i200_v	6.2_i200_v	6.6_i128-C	6.6_i128-C	6.6_i156-C	6.6_i156-C
5.95	5.95	6.2	6.2	6.2	6.2	6.6	6.6	6.6	6.6
80	80	200	200	200	200	128	128	156	156
0	0	0	0	8	8	0	0	0	0
0	0	0	0	0	0	0	0	0	0
52	72	52	72	52	72	52	72	52	72
1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.08
55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76	55.64	77.76
40	40	40	40	40	40	40	40	40	40
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
681801.3	681795.6	705072.9	705075.1	705072.9	705075.1	690454.7	690443.8	695888.2	695879.5
1078265	1066284	1077985	1064734	1077985	1064734	1082537	1069854	1082025	1069111
681807.9	681806.3	705081.7	705081	705081.7	705081	690461.4	690454	695895.3	695885.2
5888.7	7575.1	5771.6	7405.8	5771.6	7405.8	5742.5	7357.9	5727.1	7335.3
681811.2	681808.3	705083.9	705086.3	705083.9	705086.3	690463.2	690454.7	695897	695890
1235.9	1883.6	1204.2	1824.3	1204.2	1824.3	1205.5	1819.5	1200.4	1810.7
681810.6	681806.6	705087	705083.5	705087	705083.5	690461.5	690455.5	695899.5	695886.3
817.1	1259.8	799.4	1221.1	799.4	1221.1	803.4	1223.7	800.2	1217.4
681811.2	681808.1	705086.2	705083.2	705086.2	705083.2	690464.4	690454.1	695897.9	695888.9
637.9	966.3	624	936.9	624	936.9	628.4	943	625.7	937.7
681808.9	681806.2	705087.2	705084.2	705087.2	705084.2	690464.9	690458.5	695898.3	695888.9
533.1	797.1	520.4	772.2	520.4	772.2	524.8	780.1	522.3	775.2
681811.7	681808.5	705085	705085.1	705085	705085.1	690462.1	690458.8	695899.8	695889.1
451.3	667.8	439.4	645.9	439.4	645.9	443.8	654.9	441.4	650.4

R0-MDC-MPC-MTF_72GWD_40SP.out