

Enhanced Migrating Birds Optimization algorithm for optimization problems in different domains

All results belong to continuous functions

fid: Function ID

D: Dimension

r: Radius

All results are average of 31 runs.

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	2	1	5.41E+02	4.03E+02	8.64E+02	3.70E+02	3.90E+05	1.29E-72
2	2	1	4.40E+02	6.40E+02	6.78E+02	3.74E+02	5.63E+05	9.52E-21
3	2	1	1.67E+00	1.67E+00	1.67E+00	1.70E+00	1.77E+00	1.67E+00
4	2	1	3.68E+02	2.81E+02	7.78E+02	6.10E+02	3.04E+05	9.43E-30
5	2	1	4.64E-01	3.58E-01	8.79E-03	1.83E+00	4.56E+00	9.69E-25
6	2	1	2.20E+00	9.39E-01	4.68E-01	1.94E+00	8.06E+01	1.75E-02
7	2	1	3.43E-04	3.96E-04	2.61E-03	9.96E-04	2.03E-01	2.52E-40
8	2	1	1.26E+00	5.85E+00	1.87E+01	9.11E+00	1.40E+01	7.67E-10
9	2	1	1.46E-01	4.46E-01	1.77E+00	4.49E-01	9.81E-01	2.07E-09
10	2	1	1.10E-01	2.43E-01	4.82E-03	4.43E-01	1.40E+00	0.00E+00
11	2	1	1.28E+00	1.03E+00	1.74E+01	5.58E-01	3.76E+00	0.00E+00
12	2	1	4.99E-03	4.53E-03	1.59E-01	1.34E-02	2.98E+00	0.00E+00
13	2	1	3.13E-01	3.37E-01	8.75E-01	1.01E-01	3.60E-01	0.00E+00
14	2	1	1.02E-01	1.11E-01	1.02E-01	5.28E+00	1.50E+01	7.38E-02
15	2	1	2.60E-02	3.07E-02	2.43E-02	1.90E+01	9.64E+01	1.18E-01
16	2	1	5.15E-02	4.40E-02	9.92E-04	4.08E-01	1.07E+00	2.13E-40
17	2	1	9.89E-06	1.20E-05	3.01E-05	1.92E+01	1.20E+02	1.67E-61
18	2	1	-7.86E+02	-8.04E+02	-3.70E+02	-8.14E+02	-7.09E+02	-3.84E+51
19	2	1	1.43E-05	2.15E-05	4.05E-05	7.93E-01	2.49E+00	1.73E-04
20	2	1	3.56E+01	4.21E+01	3.20E+02	2.66E+01	4.81E+01	9.52E-10
21	2	1	6.72E-07	8.50E-07	4.22E-06	3.63E+00	7.58E+00	8.75E-63
22	2	1	1.17E-05	1.46E-05	4.90E+02	4.75E+00	8.15E+01	1.38E-60
23	2	1	1.76E+01	2.07E+01	3.26E+01	1.19E+01	2.00E+01	4.44E-16
24	2	1	4.66E+02	3.75E+02	1.02E+03	6.33E+02	5.01E+05	5.00E-02
25	2	1	3.87E+02	4.40E+02	1.27E+03	2.31E+02	4.73E+05	7.50E-01
26	2	1	1.01E+00	1.01E+00	1.02E+00	7.14E+01	1.38E+03	1.00E+00
27	2	1	-2.57E+04	-2.70E+04	-1.26E+04	-3.00E+04	-2.32E+04	-2.34E+140
28	2	1	-1.32E+00	-1.21E+00	-1.15E+00	-1.22E+00	2.05E-01	-1.85E+00
29	2	1	1.70E+01	1.82E+01	1.82E+01	1.76E+01	1.86E+01	5.76E+00
30	2	1	1.19E+00	1.13E+00	1.45E+00	9.99E-01	1.37E+00	4.48E-02

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	5	1	2.72E+03	3.65E+03	4.49E+03	6.78E+08	1.11E+09	1.58E-134
2	5	1	6.19E+03	5.50E+03	6.21E+03	2.70E+03	7.26E+05	1.89E-151
3	5	1	2.86E+01	2.46E+01	2.20E+01	8.17E+01	1.25E+02	2.20E+01
4	5	1	4.61E+03	5.08E+03	6.08E+02	4.54E+03	5.43E+05	5.69E-154
5	5	1	3.61E+00	3.75E+00	1.00E+00	5.95E+00	3.88E+01	9.67E-10
6	5	1	5.12E+01	1.42E+02	1.45E+00	3.12E+05	6.45E+05	2.42E+00
7	5	1	1.46E-01	1.18E-01	1.19E-02	6.07E-01	3.28E+00	7.15E-81
8	5	1	1.97E+01	1.99E+01	2.00E+01	1.96E+01	2.04E+01	4.44E-16
9	5	1	3.23E+00	4.03E+00	5.13E+00	4.01E+00	4.82E+00	0.00E+00

10	5	1	4.69E+00	5.75E+00	1.52E+00	1.75E+01	2.09E+01	0.00E+00
11	5	1	1.31E+01	1.07E+01	4.38E+01	1.44E+01	3.47E+01	0.00E+00
12	5	1	4.54E-02	7.42E-02	2.17E-01	2.05E-01	2.76E+00	0.00E+00
13	5	1	1.58E+00	1.60E+00	2.21E+00	1.34E+00	1.93E+00	0.00E+00
14	5	1	5.35E-01	7.35E-01	1.06E-01	1.63E+02	2.31E+02	2.52E-01
15	5	1	1.88E-01	8.51E-01	4.00E-02	1.45E+03	2.46E+03	2.60E-01
16	5	1	4.30E+00	5.54E+00	5.42E+00	6.05E+00	1.06E+01	9.86E-87
17	5	1	2.64E+02	7.32E+02	2.48E-03	9.65E+03	1.55E+04	2.81E-156
18	5	1	-1.56E+03	-1.60E+03	-1.11E+03	-1.51E+03	-1.23E+03	-1.30E+51
19	5	1	3.59E+00	4.77E+00	9.09E-04	1.29E+06	3.11E+06	6.52E-03
20	5	1	4.98E+01	5.02E+01	1.26E+02	4.10E+01	7.40E+01	2.49E-58
21	5	1	1.35E+00	2.63E+00	3.39E-03	1.70E+02	2.11E+02	4.98E-145
22	5	1	1.74E+03	1.82E+03	1.68E+03	1.53E+03	1.79E+03	2.52E-148
23	5	1	4.05E+01	4.12E+01	5.43E+01	3.80E+01	4.50E+01	4.44E-16
24	5	1	6.39E+03	7.30E+03	4.87E+03	3.92E+03	6.53E+05	5.00E-02
25	5	1	5.00E+03	5.11E+03	7.19E+02	6.05E+03	7.30E+05	6.24E+00
26	5	1	3.53E+00	1.09E+01	3.29E+00	3.81E+05	6.68E+05	3.89E+00
27	5	1	-1.75E+04	-1.79E+04	-9.04E+03	-2.02E+04	-1.59E+04	-5.77E+146
28	5	1	4.65E+00	4.70E+00	4.70E+00	4.71E+00	6.21E+00	4.23E+00
29	5	1	2.09E+01	2.09E+01	2.09E+01	2.09E+01	2.10E+01	1.86E+01
30	5	1	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	9.38E-02

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	10	1	1.66E+09	1.66E+09	4.01E+03	6.97E+09	8.15E+09	1.22E-287
2	10	1	1.88E+04	1.95E+04	2.17E+04	1.15E+04	5.13E+05	1.73E-307
3	10	1	1.69E+03	1.98E+03	1.70E+02	5.91E+03	7.30E+03	1.70E+02
4	10	1	1.20E+04	1.33E+04	3.09E+03	8.71E+04	5.54E+05	3.10E-293
5	10	1	2.67E+00	2.78E+00	1.24E+00	5.51E+00	3.38E+01	2.31E-02
6	10	1	1.83E+06	2.34E+06	6.45E+00	1.23E+07	1.58E+07	8.49E+00
7	10	1	3.94E+00	4.73E+00	4.84E+00	6.34E+00	1.23E+01	5.38E-165
8	10	1	2.00E+01	2.01E+01	2.00E+01	2.00E+01	2.09E+01	4.44E-16
9	10	1	1.11E+01	1.12E+01	1.38E+01	1.14E+01	1.29E+01	0.00E+00
10	10	1	3.99E+01	4.43E+01	4.06E+01	8.23E+01	9.40E+01	0.00E+00
11	10	1	4.55E+01	4.41E+01	8.59E+01	6.29E+01	1.02E+02	0.00E+00
12	10	1	2.41E-01	4.06E-01	5.85E-01	5.35E-01	3.50E+00	0.00E+00
13	10	1	3.81E+00	3.77E+00	4.55E+00	3.62E+00	4.32E+00	0.00E+00
14	10	1	1.50E+02	1.87E+02	6.81E-01	4.45E+02	5.03E+02	3.99E-01
15	10	1	3.05E+03	3.95E+03	4.69E-01	8.51E+03	1.05E+04	3.49E-01
16	10	1	2.07E+01	2.46E+01	4.05E+01	2.46E+01	1.35E+02	3.37E-160
17	10	1	4.05E+04	4.33E+04	1.11E+03	1.91E+05	2.65E+05	1.382087E-311
18	10	1	-2.77E+03	-2.77E+03	-2.17E+03	-2.27E+03	-1.71E+03	-7.09E+42
19	10	1	4.31E+06	6.50E+06	1.47E+01	3.62E+07	6.87E+07	7.14E-02
20	10	1	6.01E+01	5.91E+01	9.78E+01	5.94E+01	8.73E+01	4.44E-163
21	10	1	3.36E+02	3.65E+02	2.50E+00	8.32E+02	1.07E+03	2.80E-305
22	10	1	3.88E+03	4.00E+03	4.00E+03	4.00E+03	4.00E+03	6.4862567E-311
23	10	1	7.37E+01	7.37E+01	9.35E+01	7.13E+01	7.98E+01	4.44E-16
24	10	1	2.34E+04	2.23E+04	1.99E+04	1.21E+04	3.75E+05	5.00E-02
25	10	1	1.43E+04	1.68E+04	4.17E+03	1.51E+05	3.87E+05	4.36E+01
26	10	1	1.37E+06	2.15E+06	8.11E+00	1.37E+07	1.43E+07	9.31E+00
27	10	1	-1.51E+04	-1.51E+04	-9.19E+03	-1.70E+04	-1.45E+04	-1.06E+142

28	10	1	1.46E+01	1.46E+01	1.47E+01	1.46E+01	1.62E+01	1.43E+01
29	10	1	2.14E+01	2.14E+01	2.14E+01	2.14E+01	2.14E+01	2.14E+01
30	10	1	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.92E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	15	1	8.58E+09	8.41E+09	2.44E+09	1.63E+10	1.82E+10	0.00E+00
2	15	1	3.57E+04	3.27E+04	3.56E+04	2.10E+04	3.89E+05	0.00E+00
3	15	1	3.53E+04	4.29E+04	1.91E+04	6.29E+04	7.87E+04	5.68E+02
4	15	1	2.79E+04	1.05E+05	4.16E+08	5.54E+05	5.85E+05	0.00E+00
5	15	1	2.39E+00	2.57E+00	1.22E+00	3.68E+00	2.73E+01	1.62E-02
6	15	1	2.09E+07	2.00E+07	4.60E+06	3.83E+07	4.88E+07	1.37E+01
7	15	1	1.30E+01	1.38E+01	1.98E+01	1.54E+01	2.17E+01	1.59E-232
8	15	1	2.05E+01	2.04E+01	2.02E+01	2.03E+01	2.11E+01	4.44E-16
9	15	1	1.89E+01	1.98E+01	2.34E+01	1.97E+01	2.13E+01	0.00E+00
10	15	1	1.13E+02	1.18E+02	9.68E+01	1.57E+02	1.88E+02	0.00E+00
11	15	1	1.00E+02	1.11E+02	1.36E+02	1.26E+02	1.71E+02	0.00E+00
12	15	1	4.60E-01	6.84E-01	1.22E+00	8.91E-01	4.08E+00	0.00E+00
13	15	1	6.21E+00	6.15E+00	6.96E+00	6.00E+00	6.76E+00	0.00E+00
14	15	1	4.06E+02	4.17E+02	1.75E+02	5.85E+02	7.46E+02	4.47E-01
15	15	1	1.07E+04	1.09E+04	4.16E+03	1.95E+04	2.14E+04	3.98E-01
16	15	1	4.84E+01	4.98E+01	3.31E+02	4.44E+01	4.50E+03	7.20E-230
17	15	1	3.35E+05	3.97E+05	5.92E+04	8.60E+05	1.22E+06	0.00E+00
18	15	1	-3.44E+03	-3.39E+03	-3.15E+03	-2.78E+03	-2.12E+03	-1.49E+60
19	15	1	6.39E+07	7.29E+07	1.30E+07	1.45E+08	2.18E+08	2.39E-01
20	15	1	7.02E+01	7.13E+01	9.65E+01	7.96E+01	1.00E+02	0.00E+00
21	15	1	1.11E+03	1.06E+03	1.15E+03	1.92E+03	2.09E+03	0.00E+00
22	15	1	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	0.00E+00
23	15	1	1.07E+02	1.09E+02	1.31E+02	1.07E+02	1.16E+02	4.44E-16
24	15	1	3.87E+04	3.71E+04	5.10E+04	2.39E+04	1.40E+06	5.00E-02
25	15	1	5.67E+04	8.91E+05	3.75E+08	5.54E+05	7.85E+05	1.43E+02
26	15	1	2.16E+07	2.43E+07	5.71E+06	3.57E+07	4.70E+07	1.46E+01
27	15	1	-1.55E+04	-1.59E+04	-9.39E+03	-1.81E+04	-1.45E+04	-1.26E+167
28	15	1	2.46E+01	2.46E+01	2.46E+01	2.45E+01	2.63E+01	2.44E+01
29	15	1	2.15E+01	2.15E+01	2.15E+01	2.15E+01	2.15E+01	2.15E+01
30	15	1	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	3.70E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	20	1	1.81E+10	1.93E+10	1.41E+10	2.59E+10	2.98E+10	0.00E+00
2	20	1	4.45E+04	4.76E+04	4.77E+04	3.19E+04	7.30E+05	0.00E+00
3	20	1	2.46E+05	2.20E+05	2.51E+05	3.34E+05	4.07E+05	1.34E+03
4	20	1	3.88E+06	5.57E+06	3.00E+09	4.16E+05	4.75E+05	0.00E+00
5	20	1	2.18E+00	2.16E+00	1.17E+00	2.73E+00	3.43E+01	0.00E+00
6	20	1	4.78E+07	4.92E+07	6.26E+07	7.70E+07	9.29E+07	1.88E+01
7	20	1	2.34E+01	2.35E+01	3.20E+01	2.53E+01	3.18E+01	1.46E-307
8	20	1	2.07E+01	2.07E+01	2.06E+01	2.06E+01	2.12E+01	4.44E-16
9	20	1	2.85E+01	2.85E+01	3.45E+01	2.84E+01	3.03E+01	0.00E+00
10	20	1	2.19E+02	2.19E+02	1.62E+02	2.63E+02	3.04E+02	0.00E+00
11	20	1	1.75E+02	1.79E+02	2.22E+02	2.02E+02	2.48E+02	0.00E+00
12	20	1	7.14E-01	9.42E-01	2.08E+00	1.35E+00	4.89E+00	0.00E+00
13	20	1	8.57E+00	8.57E+00	9.36E+00	8.43E+00	9.10E+00	0.00E+00

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	30	1	3.82E+10	4.02E+10	4.81E+10	4.91E+10	5.36E+10	0.00E+00
2	30	1	7.61E+04	7.87E+04	8.19E+04	5.62E+04	5.18E+05	0.00E+00
3	30	1	2.71E+06	2.82E+06	3.81E+06	3.15E+06	3.70E+06	4.51E+03
4	30	1	8.05E+06	5.24E+06	3.83E+09	5.00E+05	8.43E+05	0.00E+00
5	30	1	1.84E+00	1.87E+00	1.13E+00	2.20E+00	5.15E+01	0.00E+00
6	30	1	1.26E+08	1.68E+08	1.92E+08	1.67E+08	1.88E+08	2.87E+01
7	30	1	4.63E+01	4.50E+01	7.11E+01	4.56E+01	5.76E+01	0.00E+00
8	30	1	2.10E+01	2.10E+01	2.10E+01	2.10E+01	2.13E+01	4.44E-16
9	30	1	4.57E+01	4.71E+01	5.33E+01	4.58E+01	4.73E+01	0.00E+00
10	30	1	4.24E+02	4.15E+02	4.59E+02	4.55E+02	5.19E+02	0.00E+00
11	30	1	3.27E+02	3.31E+02	4.16E+02	3.53E+02	4.02E+02	0.00E+00
12	30	1	1.43E+00	1.66E+00	2.97E+00	2.26E+00	5.45E+00	0.00E+00
13	30	1	1.35E+01	1.35E+01	1.43E+01	1.34E+01	1.40E+01	0.00E+00
14	30	1	7.68E+02	7.81E+02	8.45E+02	8.73E+02	9.64E+02	5.06E-01
15	30	1	4.28E+04	4.37E+04	5.37E+04	5.37E+04	5.79E+04	4.92E-01
16	30	1	6.77E+03	5.29E+04	1.15E+11	3.60E+05	5.68E+10	0.00E+00
17	30	1	6.67E+06	7.24E+06	4.51E+06	1.07E+07	1.45E+07	0.00E+00
18	30	1	-4.56E+03	-4.54E+03	-3.21E+03	-3.86E+03	-2.94E+03	-6.63E+35
19	30	1	5.74E+08	5.52E+08	9.23E+08	6.75E+08	7.98E+08	6.76E-01
20	30	1	9.81E+01	9.77E+01	1.24E+02	9.88E+01	1.15E+02	0.00E+00
21	30	1	4.37E+03	4.55E+03	5.59E+03	5.17E+03	5.83E+03	0.00E+00
22	30	1	1.20E+04	1.20E+04	1.20E+04	1.20E+04	1.20E+04	0.00E+00
23	30	1	2.25E+02	2.24E+02	2.52E+02	2.20E+02	2.28E+02	4.44E-16
24	30	1	8.61E+04	8.62E+04	5.75E+11	1.76E+05	3.10E+09	5.00E-02
25	30	1	7.91E+06	9.67E+06	2.80E+09	2.17E+06	2.24E+06	1.13E+03
26	30	1	1.31E+08	1.49E+08	2.05E+08	1.67E+08	1.91E+08	2.92E+01
27	30	1	-1.45E+04	-1.41E+04	-1.02E+04	-1.64E+04	-1.39E+04	-3.78E+66
28	30	1	5.45E+01	5.45E+01	5.45E+01	5.42E+01	5.61E+01	5.46E+01
29	30	1	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01
30	30	1	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	7.57E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	35	1	4.97E+10	5.33E+10	5.89E+10	6.24E+10	6.58E+10	0.00E+00
2	35	1	8.97E+04	9.42E+04	9.72E+04	6.69E+04	5.52E+05	0.00E+00
3	35	1	6.42E+06	6.50E+06	1.03E+07	7.41E+06	8.50E+06	7.16E+03
4	35	1	5.92E+06	5.08E+06	4.17E+09	5.66E+05	5.88E+05	0.00E+00
5	35	1	1.71E+00	1.59E+00	1.14E+00	1.91E+00	2.80E+01	0.00E+00
6	35	1	1.86E+08	1.93E+08	3.01E+08	2.20E+08	2.34E+08	3.37E+01
7	35	1	5.90E+01	5.88E+01	8.11E+01	6.05E+01	6.79E+01	0.00E+00
8	35	1	2.11E+01	2.11E+01	2.11E+01	2.11E+01	2.13E+01	4.44E-16
9	35	1	5.55E+01	5.60E+01	6.36E+01	5.52E+01	5.67E+01	0.00E+00
10	35	1	5.18E+02	5.39E+02	6.00E+02	5.61E+02	6.40E+02	0.00E+00
11	35	1	4.10E+02	4.19E+02	5.12E+02	4.29E+02	4.87E+02	0.00E+00
12	35	1	1.81E+00	2.15E+00	3.70E+00	2.73E+00	5.86E+00	0.00E+00
13	35	1	1.60E+01	1.59E+01	1.68E+01	1.58E+01	1.64E+01	0.00E+00
14	35	1	8.40E+02	8.45E+02	9.95E+02	9.14E+02	1.05E+03	5.44E-01
15	35	1	5.46E+04	5.54E+04	6.57E+04	6.48E+04	7.13E+04	4.92E-01
16	35	1	2.86E+06	1.14E+07	7.51E+12	2.12E+07	5.90E+12	0.00E+00
17	35	1	1.24E+07	1.25E+07	1.04E+07	1.95E+07	2.49E+07	0.00E+00

18	35	1	-5.11E+03	-4.69E+03	-3.41E+03	-4.04E+03	-3.19E+03	-6.99E+45
19	35	1	7.92E+08	7.84E+08	1.19E+09	8.80E+08	1.11E+09	7.70E-01
20	35	1	1.03E+02	1.04E+02	1.27E+02	1.04E+02	1.17E+02	0.00E+00
21	35	1	5.44E+03	5.63E+03	7.42E+03	6.38E+03	6.96E+03	0.00E+00
22	35	1	1.40E+04	1.40E+04	1.40E+04	1.40E+04	1.40E+04	0.00E+00
23	35	1	2.61E+02	2.62E+02	2.92E+02	2.58E+02	2.67E+02	4.44E-16
24	35	1	2.63E+08	6.26E+07	3.21E+12	2.65E+07	7.46E+11	5.00E-02
25	35	1	9.41E+06	1.24E+07	3.02E+09	4.22E+06	5.07E+06	1.79E+03
26	35	1	1.93E+08	1.95E+08	2.84E+08	2.10E+08	2.54E+08	3.40E+01
27	35	1	-1.47E+04	-1.47E+04	-1.24E+04	-1.50E+04	-1.44E+04	-4.31E+68
28	35	1	6.44E+01	6.44E+01	6.45E+01	6.41E+01	6.63E+01	6.45E+01
29	35	1	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01
30	35	1	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	8.05E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	40	1	6.45E+10	6.30E+10	7.74E+10	7.61E+10	8.15E+10	0.00E+00
2	40	1	1.03E+05	1.02E+05	1.12E+05	8.23E+04	6.03E+05	0.00E+00
3	40	1	1.33E+07	1.36E+07	2.07E+07	1.49E+07	1.73E+07	1.07E+04
4	40	1	4.26E+06	8.87E+06	2.47E+09	5.00E+05	7.79E+05	0.00E+00
5	40	1	1.57E+00	1.64E+00	1.11E+00	1.96E+00	3.52E+01	0.00E+00
6	40	1	2.35E+08	2.39E+08	3.45E+08	2.64E+08	3.06E+08	3.86E+01
7	40	1	7.01E+01	7.18E+01	9.37E+01	7.14E+01	8.07E+01	0.00E+00
8	40	1	2.11E+01	2.12E+01	2.13E+01	2.11E+01	2.13E+01	4.44E-16
9	40	1	6.48E+01	6.51E+01	7.35E+01	6.41E+01	6.61E+01	0.00E+00
10	40	1	6.24E+02	6.84E+02	7.10E+02	6.90E+02	7.59E+02	0.00E+00
11	40	1	4.95E+02	4.83E+02	5.90E+02	5.07E+02	5.70E+02	0.00E+00
12	40	1	2.00E+00	2.11E+00	4.26E+00	2.92E+00	6.05E+00	0.00E+00
13	40	1	1.84E+01	1.84E+01	1.93E+01	1.83E+01	1.88E+01	0.00E+00
14	40	1	8.97E+02	9.16E+02	1.04E+03	9.55E+02	1.07E+03	5.14E-01
15	40	1	6.58E+04	6.85E+04	8.25E+04	7.78E+04	8.62E+04	4.89E-01
16	40	1	4.96E+08	2.49E+09	1.61E+17	4.04E+09	3.70E+15	0.00E+00
17	40	1	2.03E+07	2.17E+07	1.61E+07	3.11E+07	3.89E+07	0.00E+00
18	40	1	-5.40E+03	-5.36E+03	-3.65E+03	-4.48E+03	-3.35E+03	-8.34E+38
19	40	1	9.85E+08	1.02E+09	1.67E+09	1.13E+09	1.29E+09	1.00E+00
20	40	1	1.07E+02	1.09E+02	1.28E+02	1.07E+02	1.20E+02	0.00E+00
21	40	1	6.75E+03	6.81E+03	8.50E+03	7.58E+03	8.44E+03	0.00E+00
22	40	1	1.60E+04	1.60E+04	1.60E+04	1.60E+04	1.60E+04	0.00E+00
23	40	1	3.01E+02	3.03E+02	3.37E+02	2.98E+02	3.05E+02	4.44E-16
24	40	1	8.12E+08	9.92E+08	5.95E+15	8.19E+08	4.00E+14	5.00E-02
25	40	1	1.47E+07	1.28E+07	3.84E+09	7.45E+06	7.76E+06	2.67E+03
26	40	1	2.27E+08	2.53E+08	3.63E+08	2.71E+08	2.94E+08	3.90E+01
27	40	1	-1.33E+04	-1.36E+04	-1.03E+04	-1.54E+04	-1.23E+04	-1.30E+94
28	40	1	7.45E+01	7.45E+01	7.45E+01	7.41E+01	7.63E+01	7.46E+01
29	40	1	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01
30	40	1	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	8.70E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	45	1	7.56E+10	7.67E+10	9.53E+10	8.80E+10	9.21E+10	0.00E+00
2	45	1	1.18E+05	1.22E+05	1.28E+05	9.42E+04	5.20E+05	0.00E+00
3	45	1	2.49E+07	2.87E+07	4.20E+07	2.90E+07	3.30E+07	1.52E+04

4	45	1	3.18E+06	9.42E+06	4.31E+09	4.90E+05	1.00E+06	0.00E+00
5	45	1	1.55E+00	1.53E+00	1.10E+00	1.77E+00	4.02E+01	0.00E+00
6	45	1	2.95E+08	2.97E+08	4.38E+08	3.27E+08	3.49E+08	4.36E+01
7	45	1	8.31E+01	8.44E+01	1.09E+02	8.38E+01	9.24E+01	0.00E+00
8	45	1	2.12E+01	2.12E+01	2.13E+01	2.12E+01	2.14E+01	4.44E-16
9	45	1	7.35E+01	7.40E+01	8.38E+01	7.33E+01	7.52E+01	0.00E+00
10	45	1	7.52E+02	7.41E+02	8.97E+02	7.93E+02	8.72E+02	0.00E+00
11	45	1	5.63E+02	5.73E+02	6.58E+02	5.89E+02	6.50E+02	0.00E+00
12	45	1	2.34E+00	2.73E+00	4.56E+00	3.33E+00	6.45E+00	0.00E+00
13	45	1	2.08E+01	2.08E+01	2.18E+01	2.07E+01	2.12E+01	0.00E+00
14	45	1	9.34E+02	9.60E+02	1.13E+03	1.02E+03	1.11E+03	5.51E-01
15	45	1	7.98E+04	8.30E+04	1.00E+05	9.17E+04	9.79E+04	4.92E-01
16	45	1	2.43E+11	2.53E+10	8.41E+21	9.52E+11	6.10E+17	0.00E+00
17	45	1	3.05E+07	3.47E+07	3.01E+07	4.48E+07	5.76E+07	0.00E+00
18	45	1	-5.54E+03	-5.45E+03	-3.69E+03	-4.69E+03	-3.73E+03	-1.60E+61
19	45	1	1.20E+09	1.29E+09	1.91E+09	1.35E+09	1.64E+09	1.07E+00
20	45	1	1.11E+02	1.12E+02	1.36E+02	1.11E+02	1.23E+02	0.00E+00
21	45	1	7.65E+03	8.15E+03	1.02E+04	8.90E+03	9.81E+03	0.00E+00
22	45	1	1.80E+04	1.80E+04	1.80E+04	1.80E+04	1.80E+04	0.00E+00
23	45	1	3.39E+02	3.39E+02	3.85E+02	3.36E+02	3.42E+02	4.44E-16
24	45	1	1.55E+10	3.02E+10	5.36E+20	2.28E+10	3.15E+16	5.00E-02
25	45	1	1.48E+07	1.99E+07	4.13E+09	1.15E+07	1.37E+07	3.80E+03
26	45	1	2.92E+08	3.04E+08	4.46E+08	2.99E+08	3.58E+08	4.40E+01
27	45	1	-1.37E+04	-1.37E+04	-7.58E+03	-1.78E+04	-1.30E+04	-1.47E+57
28	45	1	8.45E+01	8.45E+01	8.45E+01	8.41E+01	8.62E+01	8.46E+01
29	45	1	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.17E+01	2.16E+01
30	45	1	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	8.94E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	50	1	8.81E+10	9.17E+10	1.08E+11	9.73E+10	1.08E+11	0.00E+00
2	50	1	1.38E+05	1.39E+05	1.43E+05	1.08E+05	5.03E+05	0.00E+00
3	50	1	4.98E+07	5.05E+07	6.85E+07	4.99E+07	5.73E+07	2.09E+04
4	50	1	4.75E+06	1.13E+07	2.96E+09	4.86E+05	5.85E+05	0.00E+00
5	50	1	1.54E+00	1.54E+00	1.11E+00	1.71E+00	3.56E+01	0.00E+00
6	50	1	3.37E+08	3.68E+08	5.19E+08	3.78E+08	4.23E+08	4.86E+01
7	50	1	9.39E+01	9.70E+01	1.23E+02	9.47E+01	1.06E+02	0.00E+00
8	50	1	2.12E+01	2.13E+01	2.13E+01	2.12E+01	2.14E+01	4.44E-16
9	50	1	8.29E+01	8.43E+01	9.36E+01	8.29E+01	8.49E+01	0.00E+00
10	50	1	8.77E+02	9.11E+02	1.02E+03	9.37E+02	1.01E+03	0.00E+00
11	50	1	6.51E+02	6.48E+02	7.70E+02	6.65E+02	7.22E+02	0.00E+00
12	50	1	2.47E+00	2.95E+00	5.18E+00	3.65E+00	6.59E+00	0.00E+00
13	50	1	2.33E+01	2.33E+01	2.41E+01	2.32E+01	2.38E+01	0.00E+00
14	50	1	9.76E+02	9.80E+02	1.16E+03	1.04E+03	1.15E+03	5.66E-01
15	50	1	9.00E+04	9.44E+04	1.07E+05	1.02E+05	1.12E+05	4.84E-01
16	50	1	1.58E+13	6.56E+14	1.63E+24	8.57E+13	1.66E+20	0.00E+00
17	50	1	4.84E+07	5.09E+07	4.59E+07	6.56E+07	8.24E+07	0.00E+00
18	50	1	-5.62E+03	-5.61E+03	-3.22E+03	-4.95E+03	-3.81E+03	-3.28E+48
19	50	1	1.50E+09	1.42E+09	2.40E+09	1.52E+09	1.79E+09	1.24E+00
20	50	1	1.13E+02	1.14E+02	1.41E+02	1.12E+02	1.25E+02	0.00E+00
21	50	1	9.12E+03	9.68E+03	1.20E+04	1.04E+04	1.13E+04	0.00E+00

22	50	1	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	0.00E+00
23	50	1	3.76E+02	3.79E+02	4.18E+02	3.75E+02	3.79E+02	4.44E-16
24	50	1	1.16E+13	2.12E+11	1.37E+21	5.09E+12	7.57E+18	5.00E-02
25	50	1	2.68E+07	2.61E+07	3.49E+09	2.14E+07	2.19E+07	5.21E+03
26	50	1	3.43E+08	3.60E+08	4.97E+08	3.86E+08	4.23E+08	4.90E+01
27	50	1	-1.98E+04	-2.00E+04	-1.45E+04	-2.21E+04	-1.92E+04	-6.21E+71
28	50	1	9.44E+01	9.45E+01	9.45E+01	9.41E+01	9.62E+01	9.46E+01
29	50	1	2.17E+01	2.17E+01	2.17E+01	2.17E+01	2.17E+01	2.17E+01
30	50	1	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	9.30E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	2	5	4.74E+01	1.40E+02	1.18E+02	8.04E+01	2.79E+05	1.29E-72
2	2	5	1.02E+02	9.78E+01	2.08E+02	8.56E+01	3.15E+05	9.52E-21
3	2	5	1.67E+00	1.67E+00	1.67E+00	1.67E+00	1.75E+00	1.67E+00
4	2	5	1.32E+02	6.40E+01	1.88E+02	1.16E+02	3.90E+05	9.43E-30
5	2	5	1.89E-02	1.43E-02	1.92E-02	1.08E-01	5.40E+00	9.69E-25
6	2	5	1.34E-01	1.95E-01	2.48E-04	2.27E-01	1.33E+02	1.75E-02
7	2	5	2.95E-04	2.60E-04	5.75E-03	4.39E-04	2.32E-01	2.52E-40
8	2	5	1.71E-02	6.51E-01	1.08E+01	6.02E-01	1.34E+01	7.67E-10
9	2	5	2.56E-04	5.34E-04	1.92E-02	4.12E-03	8.44E-01	2.07E-09
10	2	5	5.52E-03	4.15E-03	8.33E-03	8.88E-02	1.46E+00	0.00E+00
11	2	5	8.02E-01	8.35E-01	1.52E+01	7.19E-02	4.03E+00	0.00E+00
12	2	5	1.99E-03	7.49E-03	3.61E-02	1.35E-02	2.70E+00	0.00E+00
13	2	5	4.22E-02	1.80E-02	1.09E-02	5.71E-02	3.27E-01	0.00E+00
14	2	5	1.49E-01	1.32E-01	1.58E-01	4.01E-01	1.92E+01	7.38E-02
15	2	5	4.81E-02	4.34E-02	3.96E-02	2.79E-01	6.22E+01	1.18E-01
16	2	5	1.81E-03	1.41E-03	2.97E-03	6.54E-03	1.02E+00	2.13E-40
17	2	5	9.89E-05	6.25E-05	1.50E-04	1.89E-02	1.15E+02	1.67E-61
18	2	5	-8.08E+02	-7.92E+02	-4.95E+02	-8.38E+02	-7.16E+02	-3.84E+51
19	2	5	1.02E-04	4.59E-05	1.30E-04	3.34E-03	2.97E+00	1.73E-04
20	2	5	4.34E-02	5.61E-02	2.13E+02	5.63E+00	3.79E+01	9.52E-10
21	2	5	6.98E-06	2.95E-06	2.98E-05	5.04E-02	7.85E+00	8.75E-63
22	2	5	6.51E-05	5.94E-05	2.01E-04	1.17E-02	5.41E+01	1.38E-60
23	2	5	2.35E-02	2.12E-02	1.18E-02	7.52E+00	2.05E+01	4.44E-16
24	2	5	4.68E+01	1.34E+02	1.54E+02	1.09E+02	5.69E+05	5.00E-02
25	2	5	9.49E+01	7.16E+01	1.86E+02	8.54E+01	4.25E+05	7.50E-01
26	2	5	1.03E+00	1.03E+00	1.03E+00	1.35E+00	1.40E+03	1.00E+00
27	2	5	-2.93E+04	-2.96E+04	-1.57E+04	-3.10E+04	-2.26E+04	-2.34E+140
28	2	5	-1.58E+00	-1.35E+00	-1.09E+00	-1.28E+00	1.56E-01	-1.85E+00
29	2	5	1.43E+01	1.63E+01	1.74E+01	1.65E+01	1.87E+01	5.76E+00
30	2	5	1.92E-01	6.25E-02	1.36E-01	6.61E-01	1.34E+00	4.48E-02

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	5	5	1.84E+03	2.90E+03	3.58E+03	1.45E+07	1.03E+09	1.58E-134
2	5	5	3.95E+03	5.15E+03	2.36E+03	1.91E+03	5.98E+05	1.89E-151
3	5	5	2.20E+01	2.20E+01	2.20E+01	3.19E+01	1.24E+02	2.20E+01
4	5	5	1.15E+03	1.37E+03	6.11E+01	1.45E+03	6.52E+05	5.69E-154
5	5	5	1.43E+00	1.39E+00	9.22E-01	2.34E+00	3.31E+01	9.67E-10
6	5	5	1.36E+00	1.82E+00	1.69E+00	2.45E+04	5.71E+05	2.42E+00
7	5	5	6.12E-03	1.08E-02	2.68E-02	5.98E-02	3.30E+00	7.15E-81

8	5	5	1.54E+01	1.55E+01	2.00E+01	1.97E+01	2.01E+01	4.44E-16
9	5	5	3.29E-01	1.15E+00	1.56E+00	2.05E+00	5.18E+00	0.00E+00
10	5	5	7.55E-02	9.82E-02	8.61E-02	5.04E+00	2.12E+01	0.00E+00
11	5	5	1.01E+01	1.07E+01	3.79E+01	6.39E+00	3.30E+01	0.00E+00
12	5	5	2.37E-02	5.00E-02	1.35E-01	9.44E-02	3.00E+00	0.00E+00
13	5	5	1.38E+00	1.45E+00	1.19E+00	1.41E+00	1.89E+00	0.00E+00
14	5	5	1.74E-01	1.76E-01	1.50E-01	2.79E+01	2.32E+02	2.52E-01
15	5	5	1.07E-01	1.11E-01	7.46E-02	2.12E+02	2.40E+03	2.60E-01
16	5	5	3.12E-02	2.74E-02	1.91E+00	2.29E+00	9.66E+00	9.86E-87
17	5	5	1.68E-01	2.24E-01	7.41E-03	1.21E+03	1.43E+04	2.81E-156
18	5	5	-1.70E+03	-1.67E+03	-1.08E+03	-1.79E+03	-1.22E+03	-1.30E+51
19	5	5	9.12E-04	9.94E-04	2.26E-03	1.50E+04	3.96E+06	6.52E-03
20	5	5	2.24E+01	3.41E+01	1.15E+02	3.89E+01	7.02E+01	2.49E-58
21	5	5	4.16E-02	3.87E-02	2.22E-02	3.20E+01	2.09E+02	4.98E-145
22	5	5	1.29E+03	1.55E+03	1.35E+03	4.72E+02	1.74E+03	2.52E-148
23	5	5	2.73E+01	3.05E+01	4.03E+01	3.71E+01	4.60E+01	4.44E-16
24	5	5	4.79E+03	4.56E+03	2.16E+03	1.71E+03	3.38E+05	5.00E-02
25	5	5	1.40E+03	1.29E+03	1.32E+02	1.09E+03	4.32E+05	6.24E+00
26	5	5	2.60E+00	2.69E+00	3.23E+00	2.63E+04	8.62E+05	3.89E+00
27	5	5	-1.88E+04	-1.92E+04	-9.92E+03	-2.06E+04	-1.57E+04	-5.77E+146
28	5	5	4.73E+00	4.71E+00	4.70E+00	4.74E+00	6.20E+00	4.23E+00
29	5	5	2.09E+01	2.09E+01	2.09E+01	2.09E+01	2.10E+01	1.86E+01
30	5	5	1.45E+00	1.40E+00	1.41E+00	1.49E+00	1.50E+00	9.38E-02

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	10	5	3.55E+05	6.00E+05	1.86E+04	2.99E+09	9.19E+09	1.22E-287
2	10	5	1.68E+04	1.61E+04	1.63E+04	7.89E+03	4.60E+05	1.73E-307
3	10	5	2.19E+02	2.74E+02	1.71E+02	2.84E+03	7.88E+03	1.70E+02
4	10	5	3.86E+03	4.58E+03	1.92E+03	1.23E+04	7.40E+05	3.10E-293
5	10	5	1.51E+00	1.54E+00	1.19E+00	1.91E+00	3.84E+01	2.31E-02
6	10	5	1.07E+01	2.64E+01	1.33E+01	4.14E+06	1.41E+07	8.49E+00
7	10	5	1.26E+00	1.50E+00	3.13E+00	2.89E+00	1.24E+01	5.38E-165
8	10	5	2.00E+01	2.00E+01	2.00E+01	2.00E+01	2.09E+01	4.44E-16
9	10	5	6.66E+00	7.44E+00	8.59E+00	9.20E+00	1.31E+01	0.00E+00
10	10	5	2.30E+00	2.74E+00	3.68E-01	3.69E+01	9.46E+01	0.00E+00
11	10	5	4.06E+01	3.83E+01	8.18E+01	4.21E+01	1.02E+02	0.00E+00
12	10	5	9.21E-02	1.61E-01	3.13E-01	2.70E-01	3.43E+00	0.00E+00
13	10	5	3.52E+00	3.67E+00	3.57E+00	3.44E+00	4.33E+00	0.00E+00
14	10	5	8.18E-01	1.36E+00	5.08E-01	2.23E+02	5.12E+02	3.99E-01
15	10	5	5.40E-01	6.21E+00	5.62E-01	5.38E+03	1.17E+04	3.49E-01
16	10	5	9.93E+00	1.22E+01	3.71E+01	1.87E+01	6.81E+01	3.37E-160
17	10	5	6.23E+03	6.36E+03	1.79E+03	6.71E+04	2.84E+05	1.382087E-311
18	10	5	-2.89E+03	-2.84E+03	-2.20E+03	-2.71E+03	-1.63E+03	-7.09E+42
19	10	5	2.88E+00	3.83E+00	1.48E+00	8.64E+06	7.51E+07	7.14E-02
20	10	5	4.50E+01	5.15E+01	9.81E+01	5.32E+01	9.31E+01	4.44E-163
21	10	5	1.38E+00	2.70E+00	1.10E-01	4.39E+02	1.04E+03	2.80E-305
22	10	5	4.00E+03	4.00E+03	4.00E+03	3.93E+03	4.00E+03	6.4862567E-311
23	10	5	6.10E+01	6.49E+01	7.93E+01	6.95E+01	8.01E+01	4.44E-16
24	10	5	1.75E+04	1.78E+04	1.66E+04	8.97E+03	5.28E+05	5.00E-02
25	10	5	4.63E+03	4.70E+03	2.63E+03	1.39E+04	8.87E+05	4.36E+01

26	10	5	1.15E+01	1.45E+01	7.26E+00	3.33E+06	1.58E+07	9.31E+00
27	10	5	-1.53E+04	-1.51E+04	-9.72E+03	-1.79E+04	-1.41E+04	-1.06E+142
28	10	5	1.46E+01	1.46E+01	1.46E+01	1.46E+01	1.63E+01	1.43E+01
29	10	5	2.14E+01	2.14E+01	2.14E+01	2.14E+01	2.14E+01	2.14E+01
30	10	5	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.92E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	15	5	1.56E+09	2.49E+09	1.17E+08	1.06E+10	1.90E+10	0.00E+00
2	15	5	2.84E+04	2.86E+04	3.07E+04	1.87E+04	7.66E+05	0.00E+00
3	15	5	1.19E+04	1.17E+04	2.95E+03	3.80E+04	7.72E+04	5.68E+02
4	15	5	1.23E+04	1.44E+04	6.71E+03	3.43E+05	6.04E+05	0.00E+00
5	15	5	1.40E+00	1.46E+00	1.20E+00	1.78E+00	3.56E+01	1.62E-02
6	15	5	2.04E+06	3.44E+06	7.55E+01	2.65E+07	4.52E+07	1.37E+01
7	15	5	8.03E+00	9.02E+00	1.62E+01	1.11E+01	2.25E+01	1.59E-232
8	15	5	2.03E+01	2.03E+01	2.02E+01	2.01E+01	2.11E+01	4.44E-16
9	15	5	1.45E+01	1.58E+01	1.84E+01	1.72E+01	2.15E+01	0.00E+00
10	15	5	4.90E+01	5.35E+01	1.30E+01	1.13E+02	1.86E+02	0.00E+00
11	15	5	8.96E+01	9.08E+01	1.36E+02	1.13E+02	1.67E+02	0.00E+00
12	15	5	1.73E-01	3.08E-01	5.53E-01	5.16E-01	3.85E+00	0.00E+00
13	15	5	5.81E+00	5.90E+00	5.92E+00	5.75E+00	6.73E+00	0.00E+00
14	15	5	1.22E+02	1.55E+02	1.17E+01	4.09E+02	7.49E+02	4.47E-01
15	15	5	3.08E+03	3.85E+03	2.42E+02	1.27E+04	2.05E+04	3.98E-01
16	15	5	3.27E+01	3.25E+01	9.77E+02	3.95E+01	5.35E+03	7.20E-230
17	15	5	1.02E+05	1.10E+05	5.52E+04	4.23E+05	1.32E+06	0.00E+00
18	15	5	-3.84E+03	-3.78E+03	-3.07E+03	-3.26E+03	-2.09E+03	-1.49E+60
19	15	5	2.65E+06	6.33E+06	1.68E+01	6.00E+07	1.90E+08	2.39E-01
20	15	5	6.17E+01	6.41E+01	9.83E+01	7.08E+01	9.94E+01	0.00E+00
21	15	5	2.98E+02	4.39E+02	1.23E+02	1.32E+03	2.09E+03	0.00E+00
22	15	5	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	0.00E+00
23	15	5	9.38E+01	9.42E+01	1.18E+02	1.03E+02	1.16E+02	4.44E-16
24	15	5	3.13E+04	2.99E+04	4.87E+04	2.01E+04	1.43E+06	5.00E-02
25	15	5	2.40E+04	2.86E+04	1.31E+04	9.83E+04	1.11E+06	1.43E+02
26	15	5	2.05E+06	3.07E+06	8.33E+01	2.08E+07	5.32E+07	1.46E+01
27	15	5	-1.65E+04	-1.60E+04	-9.64E+03	-1.88E+04	-1.44E+04	-1.26E+167
28	15	5	2.46E+01	2.46E+01	2.46E+01	2.45E+01	2.63E+01	2.44E+01
29	15	5	2.15E+01	2.15E+01	2.15E+01	2.15E+01	2.15E+01	2.15E+01
30	15	5	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	3.70E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	20	5	1.01E+10	9.66E+09	9.09E+09	1.98E+10	3.08E+10	0.00E+00
2	20	5	4.15E+04	4.21E+04	4.24E+04	3.02E+04	6.50E+05	0.00E+00
3	20	5	1.30E+05	1.48E+05	1.59E+05	2.26E+05	3.94E+05	1.34E+03
4	20	5	9.62E+04	7.07E+05	1.03E+09	4.47E+05	4.18E+05	0.00E+00
5	20	5	1.34E+00	1.43E+00	1.18E+00	1.71E+00	3.08E+01	0.00E+00
6	20	5	2.10E+07	2.38E+07	1.34E+07	5.21E+07	9.31E+07	1.88E+01
7	20	5	1.87E+01	1.76E+01	3.33E+01	2.13E+01	3.25E+01	1.46E-307
8	20	5	2.06E+01	2.07E+01	2.06E+01	2.04E+01	2.12E+01	4.44E-16
9	20	5	2.30E+01	2.38E+01	2.85E+01	2.61E+01	3.01E+01	0.00E+00
10	20	5	1.20E+02	1.26E+02	1.11E+02	2.00E+02	2.92E+02	0.00E+00
11	20	5	1.56E+02	1.67E+02	2.20E+02	1.87E+02	2.48E+02	0.00E+00

30	25	5	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	6.38E-01
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fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	30	5	3.04E+10	2.98E+10	3.93E+10	4.34E+10	5.51E+10	0.00E+00
2	30	5	6.93E+04	6.73E+04	7.53E+04	5.50E+04	4.06E+05	0.00E+00
3	30	5	1.84E+06	2.13E+06	3.52E+06	2.50E+06	3.53E+06	4.51E+03
4	30	5	5.70E+06	6.40E+06	4.02E+09	8.38E+05	4.68E+05	0.00E+00
5	30	5	1.29E+00	1.27E+00	1.15E+00	1.56E+00	2.81E+01	0.00E+00
6	30	5	9.44E+07	1.09E+08	1.40E+08	1.36E+08	1.87E+08	2.87E+01
7	30	5	4.15E+01	4.23E+01	6.39E+01	4.36E+01	5.51E+01	0.00E+00
8	30	5	2.10E+01	2.10E+01	2.10E+01	2.09E+01	2.13E+01	4.44E-16
9	30	5	4.07E+01	4.19E+01	4.76E+01	4.40E+01	4.78E+01	0.00E+00
10	30	5	3.28E+02	3.26E+02	3.85E+02	4.00E+02	5.22E+02	0.00E+00
11	30	5	3.17E+02	3.16E+02	4.25E+02	3.49E+02	4.06E+02	0.00E+00
12	30	5	6.98E-01	9.36E-01	2.02E+00	1.68E+00	5.56E+00	0.00E+00
13	30	5	1.30E+01	1.31E+01	1.33E+01	1.32E+01	1.40E+01	0.00E+00
14	30	5	5.77E+02	5.57E+02	6.54E+02	7.15E+02	9.71E+02	5.06E-01
15	30	5	3.47E+04	3.34E+04	4.75E+04	4.44E+04	5.92E+04	4.92E-01
16	30	5	2.30E+02	1.89E+03	6.26E+12	2.21E+03	1.76E+10	0.00E+00
17	30	5	3.81E+06	4.43E+06	3.81E+06	7.69E+06	1.51E+07	0.00E+00
18	30	5	-5.14E+03	-4.98E+03	-3.39E+03	-4.30E+03	-2.84E+03	-6.63E+35
19	30	5	4.25E+08	4.53E+08	5.68E+08	5.16E+08	8.11E+08	6.76E-01
20	30	5	9.10E+01	9.21E+01	1.29E+02	9.75E+01	1.18E+02	0.00E+00
21	30	5	3.29E+03	3.53E+03	4.39E+03	4.43E+03	5.92E+03	0.00E+00
22	30	5	1.20E+04	1.20E+04	1.20E+04	1.20E+04	1.20E+04	0.00E+00
23	30	5	2.06E+02	2.08E+02	2.40E+02	2.14E+02	2.28E+02	4.44E-16
24	30	5	7.28E+04	7.76E+04	1.06E+10	6.87E+04	2.33E+09	5.00E-02
25	30	5	7.27E+06	4.91E+06	2.41E+09	2.64E+06	2.55E+06	1.13E+03
26	30	5	1.03E+08	1.04E+08	1.50E+08	1.33E+08	1.94E+08	2.92E+01
27	30	5	-1.45E+04	-1.47E+04	-1.17E+04	-1.59E+04	-1.38E+04	-3.78E+66
28	30	5	5.45E+01	5.45E+01	5.45E+01	5.42E+01	5.63E+01	5.46E+01
29	30	5	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01
30	30	5	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	7.57E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	35	5	4.01E+10	4.19E+10	5.78E+10	5.38E+10	6.81E+10	0.00E+00
2	35	5	8.31E+04	8.55E+04	9.14E+04	6.77E+04	5.10E+05	0.00E+00
3	35	5	5.28E+06	5.49E+06	9.24E+06	6.46E+06	8.33E+06	7.16E+03
4	35	5	6.68E+06	5.39E+06	2.85E+09	8.07E+05	4.58E+05	0.00E+00
5	35	5	1.28E+00	1.27E+00	1.14E+00	1.55E+00	4.04E+01	0.00E+00
6	35	5	1.47E+08	1.44E+08	2.26E+08	1.80E+08	2.51E+08	3.37E+01
7	35	5	5.24E+01	5.52E+01	7.80E+01	5.66E+01	6.87E+01	0.00E+00
8	35	5	2.11E+01	2.11E+01	2.12E+01	2.10E+01	2.13E+01	4.44E-16
9	35	5	4.99E+01	5.20E+01	5.92E+01	5.30E+01	5.67E+01	0.00E+00
10	35	5	4.19E+02	4.50E+02	5.46E+02	5.06E+02	6.32E+02	0.00E+00
11	35	5	3.88E+02	4.02E+02	5.05E+02	4.17E+02	4.85E+02	0.00E+00
12	35	5	8.37E-01	1.15E+00	2.64E+00	2.12E+00	5.75E+00	0.00E+00
13	35	5	1.54E+01	1.56E+01	1.59E+01	1.57E+01	1.65E+01	0.00E+00
14	35	5	6.88E+02	7.03E+02	8.22E+02	8.00E+02	1.01E+03	5.44E-01
15	35	5	4.26E+04	4.86E+04	5.96E+04	5.68E+04	7.10E+04	4.92E-01

16	35	5	1.22E+04	7.28E+02	1.63E+15	9.63E+05	5.50E+12	0.00E+00
17	35	5	8.36E+06	8.90E+06	8.85E+06	1.44E+07	2.43E+07	0.00E+00
18	35	5	-5.15E+03	-5.23E+03	-3.00E+03	-4.47E+03	-3.23E+03	-6.99E+45
19	35	5	6.14E+08	6.10E+08	1.09E+09	7.69E+08	1.02E+09	7.70E-01
20	35	5	9.70E+01	9.98E+01	1.32E+02	1.03E+02	1.17E+02	0.00E+00
21	35	5	4.37E+03	4.59E+03	5.86E+03	5.66E+03	7.22E+03	0.00E+00
22	35	5	1.40E+04	1.40E+04	1.40E+04	1.40E+04	1.40E+04	0.00E+00
23	35	5	2.43E+02	2.43E+02	2.83E+02	2.53E+02	2.65E+02	4.44E-16
24	35	5	9.65E+04	9.60E+04	3.42E+13	6.04E+05	6.51E+11	5.00E-02
25	35	5	7.23E+06	7.99E+06	2.22E+09	3.61E+06	4.37E+06	1.79E+03
26	35	5	1.42E+08	1.42E+08	2.40E+08	1.77E+08	2.42E+08	3.40E+01
27	35	5	-1.48E+04	-1.48E+04	-1.25E+04	-1.59E+04	-1.42E+04	-4.31E+68
28	35	5	6.45E+01	6.45E+01	6.45E+01	6.41E+01	6.62E+01	6.45E+01
29	35	5	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01
30	35	5	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	8.05E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	40	5	5.15E+10	5.35E+10	7.31E+10	6.50E+10	8.00E+10	0.00E+00
2	40	5	9.68E+04	9.92E+04	1.09E+05	8.07E+04	5.46E+05	0.00E+00
3	40	5	1.18E+07	1.17E+07	1.94E+07	1.32E+07	1.68E+07	1.07E+04
4	40	5	6.56E+06	7.72E+06	2.87E+09	4.90E+05	5.37E+05	0.00E+00
5	40	5	1.26E+00	1.26E+00	1.12E+00	1.44E+00	3.48E+01	0.00E+00
6	40	5	1.92E+08	2.02E+08	2.65E+08	2.39E+08	3.01E+08	3.86E+01
7	40	5	6.64E+01	6.78E+01	9.29E+01	6.67E+01	8.00E+01	0.00E+00
8	40	5	2.11E+01	2.11E+01	2.12E+01	2.11E+01	2.14E+01	4.44E-16
9	40	5	5.93E+01	6.02E+01	6.67E+01	6.07E+01	6.61E+01	0.00E+00
10	40	5	5.33E+02	5.31E+02	6.86E+02	6.24E+02	7.48E+02	0.00E+00
11	40	5	4.68E+02	4.78E+02	5.93E+02	5.03E+02	5.68E+02	0.00E+00
12	40	5	1.08E+00	1.49E+00	2.78E+00	2.29E+00	6.31E+00	0.00E+00
13	40	5	1.79E+01	1.79E+01	1.84E+01	1.81E+01	1.89E+01	0.00E+00
14	40	5	7.57E+02	7.54E+02	9.55E+02	8.84E+02	1.04E+03	5.14E-01
15	40	5	5.50E+04	6.07E+04	7.98E+04	6.98E+04	8.52E+04	4.89E-01
16	40	5	9.73E+06	1.06E+09	1.92E+18	1.12E+09	4.87E+15	0.00E+00
17	40	5	1.50E+07	1.46E+07	1.57E+07	2.35E+07	3.93E+07	0.00E+00
18	40	5	-5.63E+03	-5.53E+03	-3.27E+03	-4.73E+03	-3.34E+03	-8.34E+38
19	40	5	8.31E+08	8.05E+08	1.49E+09	9.56E+08	1.36E+09	1.00E+00
20	40	5	1.03E+02	1.02E+02	1.40E+02	1.08E+02	1.19E+02	0.00E+00
21	40	5	5.69E+03	5.95E+03	7.77E+03	6.68E+03	8.36E+03	0.00E+00
22	40	5	1.60E+04	1.60E+04	1.60E+04	1.60E+04	1.60E+04	0.00E+00
23	40	5	2.83E+02	2.85E+02	3.21E+02	2.90E+02	3.04E+02	4.44E-16
24	40	5	3.02E+06	3.21E+07	2.02E+17	3.48E+08	7.30E+13	5.00E-02
25	40	5	1.33E+07	1.35E+07	2.83E+09	6.91E+06	7.61E+06	2.67E+03
26	40	5	1.78E+08	2.06E+08	3.24E+08	2.41E+08	2.93E+08	3.90E+01
27	40	5	-1.34E+04	-1.34E+04	-1.06E+04	-1.47E+04	-1.25E+04	-1.30E+94
28	40	5	7.45E+01	7.44E+01	7.45E+01	7.41E+01	7.62E+01	7.46E+01
29	40	5	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01
30	40	5	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	8.70E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	45	5	6.70E+10	6.90E+10	9.01E+10	7.66E+10	9.33E+10	0.00E+00

2	45	5	1.11E+05	1.12E+05	1.21E+05	9.33E+04	5.74E+05	0.00E+00
3	45	5	2.32E+07	2.33E+07	3.71E+07	2.55E+07	3.35E+07	1.52E+04
4	45	5	6.72E+06	3.70E+06	3.18E+09	4.16E+05	5.92E+05	0.00E+00
5	45	5	1.23E+00	1.27E+00	1.12E+00	1.41E+00	3.52E+01	0.00E+00
6	45	5	2.50E+08	2.60E+08	3.68E+08	2.87E+08	3.58E+08	4.36E+01
7	45	5	7.75E+01	7.79E+01	1.08E+02	7.97E+01	9.41E+01	0.00E+00
8	45	5	2.12E+01	2.12E+01	2.13E+01	2.12E+01	2.14E+01	4.44E-16
9	45	5	6.86E+01	6.90E+01	7.76E+01	7.13E+01	7.43E+01	0.00E+00
10	45	5	6.65E+02	6.80E+02	8.38E+02	7.36E+02	8.67E+02	0.00E+00
11	45	5	5.49E+02	5.53E+02	6.92E+02	5.76E+02	6.44E+02	0.00E+00
12	45	5	1.23E+00	1.61E+00	3.04E+00	2.69E+00	6.37E+00	0.00E+00
13	45	5	2.03E+01	2.04E+01	2.09E+01	2.06E+01	2.13E+01	0.00E+00
14	45	5	8.08E+02	8.49E+02	1.04E+03	9.26E+02	1.08E+03	5.51E-01
15	45	5	6.87E+04	7.42E+04	9.02E+04	8.25E+04	1.00E+05	4.92E-01
16	45	5	5.04E+08	6.63E+09	4.74E+21	7.91E+10	6.72E+17	0.00E+00
17	45	5	2.44E+07	2.40E+07	2.54E+07	3.41E+07	5.69E+07	0.00E+00
18	45	5	-5.80E+03	-5.49E+03	-3.53E+03	-5.07E+03	-3.56E+03	-1.60E+61
19	45	5	1.04E+09	1.07E+09	1.85E+09	1.17E+09	1.57E+09	1.07E+00
20	45	5	1.05E+02	1.06E+02	1.36E+02	1.10E+02	1.23E+02	0.00E+00
21	45	5	6.72E+03	7.19E+03	9.20E+03	8.07E+03	9.84E+03	0.00E+00
22	45	5	1.80E+04	1.80E+04	1.80E+04	1.80E+04	1.80E+04	0.00E+00
23	45	5	3.22E+02	3.21E+02	3.71E+02	3.26E+02	3.41E+02	4.44E-16
24	45	5	8.43E+08	1.01E+09	7.19E+20	9.50E+09	1.62E+16	5.00E-02
25	45	5	1.50E+07	1.58E+07	3.82E+09	1.08E+07	1.32E+07	3.80E+03
26	45	5	2.24E+08	2.65E+08	3.87E+08	2.88E+08	3.61E+08	4.40E+01
27	45	5	-1.54E+04	-1.38E+04	-7.58E+03	-1.78E+04	-1.33E+04	-1.47E+57
28	45	5	8.44E+01	8.45E+01	8.45E+01	8.41E+01	8.63E+01	8.46E+01
29	45	5	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.17E+01	2.16E+01
30	45	5	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	8.94E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	50	5	7.72E+10	8.25E+10	1.06E+11	9.20E+10	1.09E+11	0.00E+00
2	50	5	1.24E+05	1.27E+05	1.35E+05	1.08E+05	6.82E+05	0.00E+00
3	50	5	4.36E+07	4.46E+07	6.58E+07	4.70E+07	5.81E+07	2.09E+04
4	50	5	6.81E+06	5.12E+06	3.60E+09	7.55E+05	5.31E+05	0.00E+00
5	50	5	1.23E+00	1.25E+00	1.12E+00	1.39E+00	3.79E+01	0.00E+00
6	50	5	2.96E+08	3.18E+08	4.59E+08	3.50E+08	4.24E+08	4.86E+01
7	50	5	8.97E+01	9.18E+01	1.21E+02	9.15E+01	1.05E+02	0.00E+00
8	50	5	2.12E+01	2.12E+01	2.14E+01	2.12E+01	2.14E+01	4.44E-16
9	50	5	7.79E+01	7.83E+01	8.81E+01	7.99E+01	8.36E+01	0.00E+00
10	50	5	7.74E+02	7.81E+02	9.68E+02	8.39E+02	9.84E+02	0.00E+00
11	50	5	6.42E+02	6.46E+02	7.94E+02	6.60E+02	7.30E+02	0.00E+00
12	50	5	1.52E+00	1.83E+00	3.78E+00	2.96E+00	6.72E+00	0.00E+00
13	50	5	2.28E+01	2.29E+01	2.33E+01	2.31E+01	2.37E+01	0.00E+00
14	50	5	8.63E+02	8.53E+02	1.10E+03	9.49E+02	1.15E+03	5.66E-01
15	50	5	8.26E+04	8.45E+04	1.07E+05	9.42E+04	1.13E+05	4.84E-01
16	50	5	1.29E+12	8.02E+11	3.10E+26	1.05E+14	8.56E+19	0.00E+00
17	50	5	3.55E+07	3.50E+07	4.42E+07	5.29E+07	8.12E+07	0.00E+00
18	50	5	-5.96E+03	-5.75E+03	-3.79E+03	-5.36E+03	-3.71E+03	-3.28E+48
19	50	5	1.24E+09	1.32E+09	2.16E+09	1.40E+09	1.84E+09	1.24E+00

20	50	5	1.09E+02	1.09E+02	1.40E+02	1.12E+02	1.24E+02	0.00E+00
21	50	5	8.19E+03	8.53E+03	1.06E+04	9.21E+03	1.09E+04	0.00E+00
22	50	5	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	0.00E+00
23	50	5	3.60E+02	3.61E+02	4.07E+02	3.67E+02	3.79E+02	4.44E-16
24	50	5	2.91E+10	1.18E+11	5.63E+24	4.18E+13	1.43E+19	5.00E-02
25	50	5	2.33E+07	2.42E+07	3.13E+09	1.83E+07	2.33E+07	5.21E+03
26	50	5	2.86E+08	3.22E+08	4.53E+08	3.30E+08	4.19E+08	4.90E+01
27	50	5	-2.03E+04	-2.00E+04	-1.54E+04	-2.23E+04	-1.94E+04	-6.21E+71
28	50	5	9.45E+01	9.45E+01	9.45E+01	9.41E+01	9.62E+01	9.46E+01
29	50	5	2.17E+01	2.17E+01	2.17E+01	2.17E+01	2.17E+01	2.17E+01
30	50	5	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	9.30E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	2	10	3.02E+01	2.90E+01	3.80E+01	4.41E+01	2.96E+05	1.29E-72
2	2	10	3.79E+01	4.28E+01	3.22E+01	2.61E+01	4.88E+05	9.52E-21
3	2	10	1.67E+00	1.67E+00	1.67E+00	1.67E+00	1.76E+00	1.67E+00
4	2	10	4.07E+01	4.67E+01	3.92E+01	3.86E+01	7.69E+05	9.43E-30
5	2	10	2.26E-02	2.35E-02	2.60E-02	9.68E-02	4.83E+00	9.69E-25
6	2	10	1.22E-03	1.27E-03	9.72E-04	8.37E-02	1.22E+02	1.75E-02
7	2	10	2.15E-04	2.20E-04	3.37E-03	5.09E-04	2.83E-01	2.52E-40
8	2	10	4.10E-02	3.79E-02	3.19E+00	4.40E-01	1.44E+01	7.67E-10
9	2	10	2.22E-04	2.60E-04	8.09E-03	0.00E+00	8.94E-01	2.07E-09
10	2	10	7.59E-03	6.72E-03	9.96E-03	2.76E-02	1.43E+00	0.00E+00
11	2	10	1.29E-01	2.89E-01	1.04E+01	1.22E-01	3.58E+00	0.00E+00
12	2	10	3.98E-04	3.30E-03	4.00E-02	1.53E-02	2.63E+00	0.00E+00
13	2	10	1.71E-02	1.52E-02	1.16E-02	2.65E-02	2.96E-01	0.00E+00
14	2	10	1.95E-01	1.64E-01	1.86E-01	3.67E-01	1.67E+01	7.38E-02
15	2	10	7.62E-02	7.01E-02	6.27E-02	1.91E-01	6.71E+01	1.18E-01
16	2	10	2.24E-03	1.69E-03	3.85E-03	6.31E-03	9.13E-01	2.13E-40
17	2	10	3.72E-04	3.31E-04	3.42E-04	4.51E-03	1.26E+02	1.67E-61
18	2	10	-8.11E+02	-8.16E+02	-4.58E+02	-8.38E+02	-7.29E+02	-3.84E+51
19	2	10	1.24E-04	7.13E-05	4.13E-04	1.45E-03	8.64E+01	1.73E-04
20	2	10	9.50E-02	8.47E-02	1.38E+02	1.80E+00	4.91E+01	9.52E-10
21	2	10	3.86E-05	2.20E-05	6.38E-05	9.76E-03	4.32E+00	8.75E-63
22	2	10	1.69E-04	1.33E-04	3.65E-04	6.30E-03	6.44E+01	1.38E-60
23	2	10	6.13E-02	4.46E-02	2.28E-02	4.27E+00	1.90E+01	4.44E-16
24	2	10	4.98E+01	3.35E+01	9.21E+01	3.42E+01	5.17E+05	5.00E-02
25	2	10	2.81E+01	4.77E+01	7.49E+01	2.30E+01	5.34E+05	7.50E-01
26	2	10	1.05E+00	1.05E+00	1.04E+00	1.29E+00	1.78E+03	1.00E+00
27	2	10	-3.30E+04	-3.29E+04	-1.61E+04	-3.18E+04	-2.31E+04	-2.34E+140
28	2	10	-1.52E+00	-1.42E+00	-1.20E+00	-1.45E+00	1.35E-01	-1.85E+00
29	2	10	9.28E+00	1.33E+01	1.59E+01	1.32E+01	1.81E+01	5.76E+00
30	2	10	1.09E-01	6.39E-02	4.28E-02	3.71E-01	1.32E+00	4.48E-02

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	5	10	4.07E+03	3.49E+03	4.52E+03	7.54E+05	1.19E+09	1.58E-134
2	5	10	3.27E+03	3.36E+03	1.54E+03	1.21E+03	6.46E+05	1.89E-151
3	5	10	2.20E+01	2.20E+01	2.20E+01	2.29E+01	1.25E+02	2.20E+01
4	5	10	5.13E+02	7.53E+02	3.54E+01	3.14E+02	3.86E+05	5.69E-154
5	5	10	1.46E+00	1.44E+00	9.63E-01	1.75E+00	3.17E+01	9.67E-10

6	5	10	6.42E-01	5.76E-01	3.26E+00	1.81E+02	4.97E+05	2.42E+00
7	5	10	4.49E-03	7.52E-03	3.84E-02	5.00E-02	3.45E+00	7.15E-81
8	5	10	1.05E+01	1.75E+01	1.55E+01	1.72E+01	2.04E+01	4.44E-16
9	5	10	1.98E-02	3.72E-01	2.27E-01	9.85E-01	5.23E+00	0.00E+00
10	5	10	7.85E-02	8.75E-02	1.11E-01	8.13E-01	2.08E+01	0.00E+00
11	5	10	5.94E+00	8.32E+00	3.83E+01	6.51E+00	2.99E+01	0.00E+00
12	5	10	1.32E-02	3.58E-02	1.38E-01	8.23E-02	2.91E+00	0.00E+00
13	5	10	1.19E+00	1.21E+00	8.47E-01	1.31E+00	1.94E+00	0.00E+00
14	5	10	2.14E-01	2.16E-01	2.05E-01	2.45E+00	2.41E+02	2.52E-01
15	5	10	1.42E-01	1.65E-01	1.09E-01	1.85E+01	2.33E+03	2.60E-01
16	5	10	1.96E-02	2.32E-02	1.89E-02	7.83E-01	1.05E+01	9.86E-87
17	5	10	4.68E-01	3.81E-01	1.27E-02	1.34E+02	1.24E+04	2.81E-156
18	5	10	-1.71E+03	-1.68E+03	-1.12E+03	-1.88E+03	-1.21E+03	-1.30E+51
19	5	10	6.49E-04	6.80E-04	2.71E-03	1.18E+00	3.05E+06	6.52E-03
20	5	10	4.64E+00	9.59E+00	9.87E+01	3.50E+01	7.34E+01	2.49E-58
21	5	10	6.29E-02	7.07E-02	4.52E-02	2.75E+00	1.80E+02	4.98E-145
22	5	10	6.46E+02	6.47E+02	6.45E+02	1.08E+02	1.75E+03	2.52E-148
23	5	10	1.08E+01	1.76E+01	3.35E+01	3.50E+01	4.53E+01	4.44E-16
24	5	10	3.96E+03	3.57E+03	1.09E+03	1.24E+03	6.06E+05	5.00E-02
25	5	10	6.27E+02	5.83E+02	3.57E+01	2.75E+02	8.20E+05	6.24E+00
26	5	10	2.62E+00	2.63E+00	3.45E+00	3.39E+02	9.26E+05	3.89E+00
27	5	10	-2.04E+04	-2.02E+04	-1.22E+04	-2.05E+04	-1.67E+04	-5.77E+146
28	5	10	4.74E+00	4.69E+00	4.74E+00	4.76E+00	6.21E+00	4.23E+00
29	5	10	2.09E+01	2.09E+01	2.09E+01	2.09E+01	2.10E+01	1.86E+01
30	5	10	1.09E+00	1.01E+00	1.38E+00	1.47E+00	1.50E+00	9.38E-02

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	10	10	4.44E+05	5.91E+05	5.73E+04	1.48E+09	9.15E+09	1.22E-287
2	10	10	1.24E+04	1.44E+04	1.42E+04	6.99E+03	6.94E+05	1.73E-307
3	10	10	2.09E+02	2.16E+02	1.74E+02	1.82E+03	7.11E+03	1.70E+02
4	10	10	2.42E+03	3.09E+03	1.66E+03	7.51E+03	7.46E+05	3.10E-293
5	10	10	1.57E+00	1.46E+00	1.27E+00	1.84E+00	2.64E+01	2.31E-02
6	10	10	1.27E+01	1.27E+01	1.17E+01	1.74E+06	1.58E+07	8.49E+00
7	10	10	8.13E-01	1.16E+00	2.26E+00	2.02E+00	1.21E+01	5.38E-165
8	10	10	2.00E+01	2.00E+01	2.00E+01	2.00E+01	2.09E+01	4.44E-16
9	10	10	3.78E+00	4.57E+00	6.91E+00	7.62E+00	1.33E+01	0.00E+00
10	10	10	7.18E-01	8.72E-01	2.04E-01	2.51E+01	9.95E+01	0.00E+00
11	10	10	3.55E+01	3.83E+01	8.59E+01	3.77E+01	9.86E+01	0.00E+00
12	10	10	8.06E-02	1.30E-01	2.90E-01	2.02E-01	3.44E+00	0.00E+00
13	10	10	3.16E+00	3.10E+00	3.26E+00	3.35E+00	4.25E+00	0.00E+00
14	10	10	4.58E-01	5.23E-01	5.24E-01	1.38E+02	5.71E+02	3.99E-01
15	10	10	6.19E-01	8.09E-01	4.63E-01	3.02E+03	1.09E+04	3.49E-01
16	10	10	6.88E+00	6.58E+00	3.67E+01	1.35E+01	6.26E+01	3.37E-160
17	10	10	4.26E+03	3.88E+03	2.50E+03	2.94E+04	2.88E+05	1.382087E-311
18	10	10	-2.94E+03	-2.97E+03	-2.16E+03	-2.89E+03	-1.66E+03	-7.09E+42
19	10	10	2.14E-01	3.04E-01	5.08E-02	2.78E+06	6.47E+07	7.14E-02
20	10	10	3.14E+01	3.71E+01	8.92E+01	4.90E+01	9.12E+01	4.44E-163
21	10	10	5.19E-01	6.91E-01	1.59E-01	2.94E+02	1.05E+03	2.80E-305
22	10	10	4.00E+03	4.00E+03	4.00E+03	3.74E+03	4.00E+03	6.4862567E-311
23	10	10	5.48E+01	5.69E+01	7.54E+01	6.59E+01	8.11E+01	4.44E-16

24	10	10	1.60E+04	1.57E+04	1.51E+04	8.61E+03	2.75E+05	5.00E-02
25	10	10	3.34E+03	3.95E+03	1.72E+03	8.83E+03	6.73E+05	4.36E+01
26	10	10	1.19E+01	1.47E+01	1.15E+01	1.61E+06	1.74E+07	9.31E+00
27	10	10	-1.59E+04	-1.65E+04	-1.04E+04	-1.73E+04	-1.39E+04	-1.06E+142
28	10	10	1.46E+01	1.46E+01	1.46E+01	1.46E+01	1.61E+01	1.43E+01
29	10	10	2.14E+01	2.14E+01	2.14E+01	2.14E+01	2.14E+01	2.14E+01
30	10	10	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.92E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	15	10	7.94E+08	9.43E+08	1.50E+08	7.83E+09	1.87E+10	0.00E+00
2	15	10	2.56E+04	2.64E+04	2.95E+04	1.88E+04	4.23E+05	0.00E+00
3	15	10	6.55E+03	7.17E+03	2.37E+03	3.07E+04	7.68E+04	5.68E+02
4	15	10	7.88E+03	1.01E+04	6.23E+03	1.08E+05	1.45E+06	0.00E+00
5	15	10	1.45E+00	1.46E+00	1.25E+00	1.71E+00	3.43E+01	1.62E-02
6	15	10	1.37E+05	4.18E+05	9.61E+01	1.05E+07	4.81E+07	1.37E+01
7	15	10	6.93E+00	7.96E+00	1.77E+01	9.66E+00	2.19E+01	1.59E-232
8	15	10	2.03E+01	2.03E+01	2.02E+01	2.01E+01	2.11E+01	4.44E-16
9	15	10	1.20E+01	1.30E+01	1.48E+01	1.59E+01	2.17E+01	0.00E+00
10	15	10	2.43E+01	2.54E+01	6.22E+00	8.85E+01	1.86E+02	0.00E+00
11	15	10	9.02E+01	9.60E+01	1.40E+02	1.07E+02	1.76E+02	0.00E+00
12	15	10	1.46E-01	2.43E-01	4.34E-01	4.15E-01	4.07E+00	0.00E+00
13	15	10	5.40E+00	5.38E+00	5.63E+00	5.65E+00	6.66E+00	0.00E+00
14	15	10	5.36E+01	6.66E+01	1.24E+01	3.44E+02	7.14E+02	4.47E-01
15	15	10	1.57E+03	2.09E+03	2.68E+02	1.06E+04	2.16E+04	3.98E-01
16	15	10	2.36E+01	2.43E+01	4.99E+02	3.55E+01	3.69E+03	7.20E-230
17	15	10	7.41E+04	9.70E+04	7.24E+04	2.95E+05	1.19E+06	0.00E+00
18	15	10	-3.96E+03	-3.78E+03	-3.08E+03	-3.53E+03	-2.12E+03	-1.49E+60
19	15	10	5.06E+04	4.49E+05	1.27E+01	3.97E+07	2.31E+08	2.39E-01
20	15	10	5.29E+01	5.24E+01	9.77E+01	6.24E+01	1.01E+02	0.00E+00
21	15	10	1.57E+02	2.33E+02	6.19E+01	1.06E+03	2.10E+03	0.00E+00
22	15	10	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	0.00E+00
23	15	10	8.84E+01	9.19E+01	1.14E+02	9.89E+01	1.15E+02	4.44E-16
24	15	10	2.78E+04	2.85E+04	3.82E+04	2.04E+04	6.99E+05	5.00E-02
25	15	10	1.72E+04	1.98E+04	9.76E+03	1.97E+05	5.77E+05	1.43E+02
26	15	10	1.41E+05	4.54E+05	1.16E+02	1.32E+07	5.28E+07	1.46E+01
27	15	10	-1.59E+04	-1.52E+04	-9.86E+03	-1.81E+04	-1.44E+04	-1.26E+167
28	15	10	2.46E+01	2.46E+01	2.46E+01	2.46E+01	2.63E+01	2.44E+01
29	15	10	2.15E+01	2.15E+01	2.15E+01	2.15E+01	2.15E+01	2.15E+01
30	15	10	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	3.70E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	20	10	7.34E+09	8.60E+09	8.31E+09	1.67E+10	3.05E+10	0.00E+00
2	20	10	3.84E+04	3.82E+04	4.09E+04	2.98E+04	4.59E+05	0.00E+00
3	20	10	1.05E+05	1.29E+05	1.59E+05	2.16E+05	3.86E+05	1.34E+03
4	20	10	2.00E+04	2.35E+04	5.69E+07	2.68E+05	4.79E+05	0.00E+00
5	20	10	1.42E+00	1.49E+00	1.24E+00	1.64E+00	3.77E+01	0.00E+00
6	20	10	1.14E+07	1.26E+07	1.76E+06	4.04E+07	8.57E+07	1.88E+01
7	20	10	1.65E+01	1.85E+01	3.05E+01	2.00E+01	3.38E+01	1.46E-307
8	20	10	2.06E+01	2.06E+01	2.06E+01	2.04E+01	2.12E+01	4.44E-16
9	20	10	2.00E+01	2.10E+01	2.62E+01	2.48E+01	2.96E+01	0.00E+00

10	20	10	1.00E+02	1.06E+02	8.64E+01	1.63E+02	2.91E+02	0.00E+00
11	20	10	1.60E+02	1.66E+02	2.30E+02	1.84E+02	2.49E+02	0.00E+00
12	20	10	2.52E-01	4.02E-01	8.99E-01	6.55E-01	4.92E+00	0.00E+00
13	20	10	7.79E+00	7.76E+00	8.07E+00	8.06E+00	9.12E+00	0.00E+00
14	20	10	2.44E+02	2.57E+02	2.77E+02	5.02E+02	8.70E+02	4.84E-01
15	20	10	9.21E+03	1.02E+04	1.07E+04	2.01E+04	3.20E+04	4.67E-01
16	20	10	5.23E+01	5.52E+01	8.36E+06	5.77E+01	7.86E+05	2.701E-319
17	20	10	4.40E+05	4.93E+05	4.12E+05	1.14E+06	3.58E+06	0.00E+00
18	20	10	-4.27E+03	-4.41E+03	-3.31E+03	-3.77E+03	-2.42E+03	-1.57E+81
19	20	10	4.16E+07	5.20E+07	1.63E+06	1.58E+08	4.14E+08	3.22E-01
20	20	10	6.82E+01	6.83E+01	1.19E+02	7.66E+01	1.10E+02	0.00E+00
21	20	10	9.26E+02	1.03E+03	1.32E+03	2.00E+03	3.27E+03	0.00E+00
22	20	10	8.00E+03	8.00E+03	8.00E+03	8.00E+03	8.00E+03	0.00E+00
23	20	10	1.25E+02	1.26E+02	1.54E+02	1.35E+02	1.53E+02	4.44E-16
24	20	10	4.00E+04	4.32E+04	9.56E+04	3.44E+04	1.03E+07	5.00E-02
25	20	10	9.11E+04	9.89E+04	8.16E+07	4.50E+05	7.00E+05	3.36E+02
26	20	10	1.31E+07	1.21E+07	2.31E+06	4.09E+07	8.62E+07	1.97E+01
27	20	10	-1.46E+04	-1.51E+04	-1.02E+04	-1.77E+04	-1.37E+04	-1.99E+110
28	20	10	3.45E+01	3.46E+01	3.46E+01	3.45E+01	3.61E+01	3.45E+01
29	20	10	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01
30	20	10	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	5.22E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	25	10	1.75E+10	1.85E+10	2.39E+10	2.68E+10	4.18E+10	0.00E+00
2	25	10	5.04E+04	5.42E+04	5.71E+04	4.14E+04	5.63E+05	0.00E+00
3	25	10	5.44E+05	5.85E+05	1.02E+06	8.27E+05	1.34E+06	2.61E+03
4	25	10	6.37E+05	5.95E+06	3.13E+09	7.02E+05	4.09E+05	0.00E+00
5	25	10	1.39E+00	1.48E+00	1.25E+00	1.63E+00	3.47E+01	0.00E+00
6	25	10	3.93E+07	5.39E+07	5.91E+07	7.72E+07	1.41E+08	2.37E+01
7	25	10	2.74E+01	2.90E+01	4.44E+01	3.14E+01	4.41E+01	0.00E+00
8	25	10	2.08E+01	2.08E+01	2.09E+01	2.06E+01	2.13E+01	4.44E-16
9	25	10	2.94E+01	3.05E+01	3.41E+01	3.32E+01	3.87E+01	0.00E+00
10	25	10	1.71E+02	1.95E+02	2.54E+02	2.77E+02	4.17E+02	0.00E+00
11	25	10	2.35E+02	2.36E+02	3.23E+02	2.63E+02	3.31E+02	0.00E+00
12	25	10	3.69E-01	5.41E-01	1.42E+00	1.12E+00	5.06E+00	0.00E+00
13	25	10	1.00E+01	1.04E+01	1.06E+01	1.05E+01	1.16E+01	0.00E+00
14	25	10	3.96E+02	4.57E+02	5.78E+02	6.11E+02	9.24E+02	5.33E-01
15	25	10	1.84E+04	1.93E+04	2.82E+04	3.09E+04	4.63E+04	4.70E-01
16	25	10	8.34E+01	8.50E+01	1.17E+10	9.16E+01	5.00E+07	0.00E+00
17	25	10	1.59E+06	1.50E+06	1.72E+06	3.20E+06	8.14E+06	0.00E+00
18	25	10	-4.67E+03	-4.47E+03	-3.05E+03	-4.07E+03	-2.60E+03	-1.09E+48
19	25	10	1.50E+08	1.65E+08	2.55E+08	2.77E+08	6.15E+08	5.11E-01
20	25	10	7.65E+01	7.82E+01	1.15E+02	8.95E+01	1.10E+02	0.00E+00
21	25	10	1.80E+03	1.97E+03	2.70E+03	2.94E+03	4.47E+03	0.00E+00
22	25	10	1.00E+04	1.00E+04	1.00E+04	1.00E+04	1.00E+04	0.00E+00
23	25	10	1.64E+02	1.66E+02	1.96E+02	1.71E+02	1.90E+02	4.44E-16
24	25	10	5.55E+04	5.43E+04	1.44E+08	4.97E+04	1.22E+08	5.00E-02
25	25	10	7.76E+05	2.70E+06	2.42E+09	8.56E+05	1.37E+06	6.54E+02
26	25	10	4.08E+07	5.77E+07	7.33E+07	7.71E+07	1.28E+08	2.46E+01
27	25	10	-1.52E+04	-1.51E+04	-1.08E+04	-1.83E+04	-1.37E+04	-4.26E+86

28	25	10	4.45E+01	4.45E+01	4.46E+01	4.43E+01	4.62E+01	4.45E+01
29	25	10	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01
30	25	10	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	6.38E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	30	10	2.78E+10	2.75E+10	3.84E+10	3.88E+10	5.66E+10	0.00E+00
2	30	10	6.41E+04	6.59E+04	7.67E+04	5.53E+04	8.10E+05	0.00E+00
3	30	10	1.72E+06	1.87E+06	3.60E+06	2.53E+06	3.64E+06	4.51E+03
4	30	10	4.32E+06	1.91E+06	3.12E+09	4.43E+05	6.13E+05	0.00E+00
5	30	10	1.36E+00	1.40E+00	1.25E+00	1.56E+00	2.55E+01	0.00E+00
6	30	10	7.81E+07	8.93E+07	1.39E+08	1.19E+08	1.90E+08	2.87E+01
7	30	10	4.03E+01	4.05E+01	6.21E+01	4.31E+01	5.49E+01	0.00E+00
8	30	10	2.09E+01	2.09E+01	2.10E+01	2.08E+01	2.13E+01	4.44E-16
9	30	10	3.83E+01	3.97E+01	4.52E+01	4.23E+01	4.78E+01	0.00E+00
10	30	10	2.79E+02	2.87E+02	3.66E+02	3.60E+02	5.25E+02	0.00E+00
11	30	10	3.20E+02	3.16E+02	4.22E+02	3.43E+02	4.07E+02	0.00E+00
12	30	10	5.50E-01	7.00E-01	1.61E+00	1.33E+00	5.31E+00	0.00E+00
13	30	10	1.26E+01	1.28E+01	1.29E+01	1.31E+01	1.40E+01	0.00E+00
14	30	10	5.27E+02	5.34E+02	7.24E+02	7.04E+02	9.84E+02	5.06E-01
15	30	10	3.02E+04	3.20E+04	4.16E+04	4.16E+04	5.72E+04	4.92E-01
16	30	10	1.11E+02	1.89E+02	1.13E+14	6.71E+02	2.46E+10	0.00E+00
17	30	10	3.57E+06	4.21E+06	3.94E+06	6.40E+06	1.43E+07	0.00E+00
18	30	10	-5.08E+03	-4.89E+03	-3.19E+03	-4.48E+03	-2.94E+03	-6.63E+35
19	30	10	3.27E+08	3.61E+08	5.18E+08	4.54E+08	8.49E+08	6.76E-01
20	30	10	8.60E+01	8.56E+01	1.23E+02	9.44E+01	1.12E+02	0.00E+00
21	30	10	2.80E+03	3.22E+03	4.69E+03	3.99E+03	5.95E+03	0.00E+00
22	30	10	1.20E+04	1.20E+04	1.20E+04	1.20E+04	1.20E+04	0.00E+00
23	30	10	2.01E+02	2.00E+02	2.36E+02	2.10E+02	2.26E+02	4.44E-16
24	30	10	7.05E+04	7.36E+04	6.06E+10	6.95E+04	3.85E+09	5.00E-02
25	30	10	5.02E+06	9.00E+06	3.28E+09	1.98E+06	2.87E+06	1.13E+03
26	30	10	7.71E+07	8.70E+07	1.24E+08	1.20E+08	1.85E+08	2.92E+01
27	30	10	-1.47E+04	-1.42E+04	-1.19E+04	-1.57E+04	-1.39E+04	-3.78E+66
28	30	10	5.44E+01	5.44E+01	5.45E+01	5.42E+01	5.63E+01	5.46E+01
29	30	10	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.16E+01
30	30	10	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	7.57E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	35	10	3.79E+10	3.94E+10	5.35E+10	5.04E+10	6.77E+10	0.00E+00
2	35	10	7.64E+04	8.13E+04	9.09E+04	6.83E+04	9.00E+05	0.00E+00
3	35	10	4.75E+06	4.89E+06	7.96E+06	6.18E+06	8.03E+06	7.16E+03
4	35	10	6.18E+06	8.96E+06	3.10E+09	5.45E+05	6.25E+05	0.00E+00
5	35	10	1.34E+00	1.35E+00	1.20E+00	1.52E+00	3.12E+01	0.00E+00
6	35	10	1.28E+08	1.44E+08	1.84E+08	1.65E+08	2.49E+08	3.37E+01
7	35	10	5.07E+01	5.30E+01	8.14E+01	5.56E+01	6.87E+01	0.00E+00
8	35	10	2.10E+01	2.10E+01	2.11E+01	2.10E+01	2.13E+01	4.44E-16
9	35	10	4.78E+01	4.90E+01	5.60E+01	5.06E+01	5.72E+01	0.00E+00
10	35	10	3.96E+02	4.04E+02	5.14E+02	4.80E+02	6.38E+02	0.00E+00
11	35	10	3.87E+02	3.89E+02	5.01E+02	4.19E+02	4.91E+02	0.00E+00
12	35	10	6.65E-01	8.57E-01	2.19E+00	1.62E+00	5.62E+00	0.00E+00
13	35	10	1.50E+01	1.51E+01	1.57E+01	1.55E+01	1.65E+01	0.00E+00

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	45	10	6.19E+10	6.27E+10	8.79E+10	7.48E+10	9.51E+10	0.00E+00
2	45	10	1.11E+05	1.08E+05	1.26E+05	9.54E+04	5.92E+05	0.00E+00
3	45	10	2.23E+07	2.24E+07	3.21E+07	2.51E+07	3.29E+07	1.52E+04
4	45	10	7.59E+06	6.62E+06	4.16E+09	6.30E+05	5.62E+05	0.00E+00
5	45	10	1.31E+00	1.30E+00	1.15E+00	1.44E+00	3.25E+01	0.00E+00
6	45	10	2.39E+08	2.33E+08	3.81E+08	2.73E+08	3.72E+08	4.36E+01
7	45	10	7.63E+01	7.65E+01	1.06E+02	7.78E+01	9.46E+01	0.00E+00
8	45	10	2.11E+01	2.12E+01	2.13E+01	2.11E+01	2.14E+01	4.44E-16
9	45	10	6.53E+01	6.71E+01	7.61E+01	6.93E+01	7.44E+01	0.00E+00
10	45	10	6.16E+02	6.16E+02	8.38E+02	6.90E+02	8.93E+02	0.00E+00
11	45	10	5.48E+02	5.51E+02	6.99E+02	5.87E+02	6.44E+02	0.00E+00
12	45	10	1.08E+00	1.32E+00	2.58E+00	2.40E+00	6.44E+00	0.00E+00
13	45	10	1.98E+01	2.00E+01	2.06E+01	2.04E+01	2.12E+01	0.00E+00
14	45	10	7.54E+02	7.87E+02	1.01E+03	8.71E+02	1.09E+03	5.51E-01
15	45	10	6.69E+04	7.00E+04	9.13E+04	7.86E+04	9.79E+04	4.92E-01
16	45	10	3.58E+06	5.15E+07	1.81E+21	2.73E+11	7.96E+17	0.00E+00
17	45	10	2.30E+07	2.36E+07	2.63E+07	3.27E+07	5.93E+07	0.00E+00
18	45	10	-5.76E+03	-5.69E+03	-3.16E+03	-5.22E+03	-3.68E+03	-1.60E+61
19	45	10	9.31E+08	1.00E+09	1.47E+09	1.08E+09	1.58E+09	1.07E+00
20	45	10	1.02E+02	1.04E+02	1.37E+02	1.07E+02	1.23E+02	0.00E+00
21	45	10	6.67E+03	6.76E+03	9.06E+03	7.77E+03	9.75E+03	0.00E+00
22	45	10	1.80E+04	1.80E+04	1.80E+04	1.80E+04	1.80E+04	0.00E+00
23	45	10	3.15E+02	3.15E+02	3.58E+02	3.23E+02	3.44E+02	4.44E-16
24	45	10	9.36E+07	2.78E+07	1.00E+20	1.13E+10	7.27E+16	5.00E-02
25	45	10	1.61E+07	1.83E+07	3.89E+09	1.12E+07	1.32E+07	3.80E+03
26	45	10	2.29E+08	2.42E+08	3.71E+08	2.73E+08	3.56E+08	4.40E+01
27	45	10	-1.48E+04	-1.49E+04	-8.35E+03	-1.83E+04	-1.25E+04	-1.47E+57
28	45	10	8.45E+01	8.45E+01	8.45E+01	8.41E+01	8.61E+01	8.46E+01
29	45	10	2.16E+01	2.16E+01	2.16E+01	2.16E+01	2.17E+01	2.16E+01
30	45	10	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	8.94E-01

fid	D	r	MBOx	MBO	SA	DE	GA	HHO
1	50	10	7.58E+10	7.69E+10	1.05E+11	8.72E+10	1.07E+11	0.00E+00
2	50	10	1.15E+05	1.21E+05	1.32E+05	1.07E+05	3.73E+05	0.00E+00
3	50	10	4.08E+07	4.04E+07	6.34E+07	4.46E+07	5.51E+07	2.09E+04
4	50	10	4.59E+06	8.42E+06	2.73E+09	4.25E+05	4.66E+05	0.00E+00
5	50	10	1.28E+00	1.30E+00	1.15E+00	1.40E+00	3.54E+01	0.00E+00
6	50	10	2.82E+08	2.87E+08	4.49E+08	3.15E+08	4.15E+08	4.86E+01
7	50	10	8.94E+01	9.17E+01	1.25E+02	9.20E+01	1.07E+02	0.00E+00
8	50	10	2.12E+01	2.12E+01	2.13E+01	2.12E+01	2.14E+01	4.44E-16
9	50	10	7.48E+01	7.64E+01	8.73E+01	7.79E+01	8.46E+01	0.00E+00
10	50	10	7.41E+02	7.46E+02	9.83E+02	8.12E+02	1.00E+03	0.00E+00
11	50	10	6.48E+02	6.33E+02	7.75E+02	6.62E+02	7.27E+02	0.00E+00
12	50	10	1.22E+00	1.60E+00	2.86E+00	2.68E+00	6.59E+00	0.00E+00
13	50	10	2.23E+01	2.24E+01	2.30E+01	2.28E+01	2.38E+01	0.00E+00
14	50	10	8.22E+02	8.68E+02	1.10E+03	9.11E+02	1.13E+03	5.66E-01
15	50	10	7.67E+04	8.37E+04	1.09E+05	9.40E+04	1.12E+05	4.84E-01
16	50	10	1.90E+08	4.76E+10	2.82E+26	1.45E+14	3.16E+20	0.00E+00
17	50	10	3.49E+07	3.54E+07	4.34E+07	4.90E+07	7.81E+07	0.00E+00

18	50	10	-6.04E+03	-5.87E+03	-3.25E+03	-5.45E+03	-3.61E+03	-3.28E+48
19	50	10	1.13E+09	1.20E+09	1.97E+09	1.33E+09	1.81E+09	1.24E+00
20	50	10	1.05E+02	1.06E+02	1.37E+02	1.12E+02	1.24E+02	0.00E+00
21	50	10	7.86E+03	8.17E+03	1.15E+04	8.97E+03	1.12E+04	0.00E+00
22	50	10	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	0.00E+00
23	50	10	3.50E+02	3.56E+02	4.00E+02	3.62E+02	3.81E+02	4.44E-16
24	50	10	4.57E+10	2.28E+08	1.40E+24	6.03E+12	7.34E+18	5.00E-02
25	50	10	2.51E+07	2.19E+07	3.32E+09	1.91E+07	2.29E+07	5.21E+03
26	50	10	2.75E+08	2.75E+08	4.19E+08	3.14E+08	4.14E+08	4.90E+01
27	50	10	-2.04E+04	-2.03E+04	-1.48E+04	-2.21E+04	-1.93E+04	-6.21E+71
28	50	10	9.44E+01	9.45E+01	9.45E+01	9.41E+01	9.63E+01	9.46E+01
29	50	10	2.17E+01	2.17E+01	2.17E+01	2.17E+01	2.17E+01	2.17E+01
30	50	10	1.50E+00	1.50E+00	1.50E+00	1.50E+00	1.50E+00	9.30E-01