

```

----- BEAMDYN V1.00.* INDIVIDUAL BLADE INPUT FILE -----
NREL 5MW Blade
----- BLADE PARAMETERS -----
49 station_total - Number of blade input stations (-)
1 damp_flag - Damping flag: 0: no damping; 1: damped
----- DAMPING COEFFICIENT-----
mu1 mu2 mu3 mu4 mu5 mu6
(-) (-) (-) (-) (-) (-)
1.0E-03 1.0E-03 1.0E-03 1.0E-03 1.0E-03 1.0E-03
----- DISTRIBUTED PROPERTIES-----
0.000000
9.729480E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00 9.729480E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 9.729480E+09 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 1.811360E+10 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.811000E+10 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 5.564400E+09
6.789350E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -1.154189E-01
0.000000E+00 6.789350E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 6.789350E+02 1.154189E-01 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 1.154189E-01 9.730400E+02 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 9.728600E+02 1.945900E+03
-1.154189E-01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.945900E+03
0.003250
9.729480E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00 9.729480E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 9.729480E+09 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 1.811360E+10 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.811000E+10 5.564400E+09
6.789350E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -1.154189E-01
0.000000E+00 6.789350E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 6.789350E+02 1.154189E-01 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 1.154189E-01 9.730400E+02 0.000000E+00 0.000000E+00
0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 9.728600E+02 0.000000E+00

```

-1.154189E-01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.945900E+03
0.019510	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
1.078950E+09	1.078950E+09	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+09	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.078950E+10	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	1.955860E+10	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.942490E+10	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	5.431590E+09
7.733630E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.785695E+01
0.000000E+00	7.733630E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	7.733630E+02	-1.785695E+01	-1.785695E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	-1.785695E+01	1.066380E+03	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.091520E+03	0.000000E+00	0.000000E+00
1.785695E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.157900E+03
0.035770	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
1.006723E+09	1.006723E+09	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.006723E+09	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.006723E+10	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	1.949780E+10	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.745590E+10	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.993980E+09	0.000000E+00
7.405500E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-2.547492E+00	0.000000E+00
0.000000E+00	7.405500E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	7.405500E+02	2.547492E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	2.547492E+00	1.047360E+03	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	9.660900E+02	0.000000E+00	0.000000E+00
-2.547492E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.013450E+03	0.000000E+00
0.052030	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
9.867780E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	9.867780E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	9.867780E+09	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	1.978880E+10	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.528740E+10	0.000000E+00	0.000000E+00

0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.666590E+09
7.400420E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-3.215482E+01
0.000000E+00	7.400420E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	7.400420E+02	3.215482E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	1.099750E+03	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	8.738100E+02	0.000000E+00
-3.215482E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.973560E+03
0.068290					
7.607860E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	7.607860E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	1.485850E+10	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.078240E+10	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	3.474710E+09
5.924960E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-3.491579E+01
0.000000E+00	5.924960E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	5.924960E+02	3.491579E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	8.730200E+02	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.491579E+01	0.000000E+00	6.485500E+02	0.000000E+00
-3.491579E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.521570E+03
0.084550					
5.491260E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	5.491260E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	5.491260E+09	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	1.022060E+10	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	7.229720E+09	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.323540E+09
4.502750E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-2.924086E+01
0.000000E+00	4.502750E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	4.502750E+02	2.924086E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	2.924086E+01	6.414900E+02	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.567600E+02	0.000000E+00
-2.924086E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.098250E+03

[illegible]

3.820620E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-3.887099E+01
0.000000E+00	3.820620E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.820620E+02	3.887099E+01	4.908400E+02	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	3.161200E+02	0.000000E+00
-3.887099E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	8.069600E+02

0.149590	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
4.037290E+08	4.037290E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	4.037290E+09	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	7.009180E+09	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.936840E+09	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.002120E+09	

3.996550E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-4.299488E+01
0.000000E+00	3.996550E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.996550E+02	4.299488E+01	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	4.299488E+01	5.038600E+02	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	3.036000E+02	0.000000E+00	0.000000E+00
-4.299488E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	8.074600E+02

0.165850	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
4.169720E+08	4.169720E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	4.169720E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	4.169720E+09	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	7.167680E+09	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.691660E+09	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	8.559000E+08	

4.263210E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-6.748235E+01
0.000000E+00	4.263210E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	4.263210E+02	6.748235E+01	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	6.748235E+01	5.447000E+02	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.892400E+02	0.000000E+00	0.000000E+00
-6.748235E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	8.339400E+02	

3.814200E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-1.158983E+02
0.000000E+00	3.814200E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.814200E+02	1.158983E+02	5.465600E+02	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.871100E+02	0.000000E+00
-1.158983E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	7.336700E+02

0.230890	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3.147760E+08	3.147760E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.147760E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	5.048960E+09	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.568960E+09	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	3.359200E+08

3.528220E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-9.356487E+01
0.000000E+00	3.528220E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.528220E+02	9.356487E+01	9.356487E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	9.356487E+01	4.687100E+02	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.608400E+02	0.000000E+00	0.000000E+00
-9.356487E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	6.295500E+02

0.247150	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3.011580E+08	3.011580E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.011580E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	3.011580E+09	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.948490E+09	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.388650E+09	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	3.113500E+08

3.494770E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-9.065783E+01
0.000000E+00	3.494770E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.494770E+02	9.065783E+01	9.065783E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	9.065783E+01	4.537600E+02	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.485600E+02	0.000000E+00	0.000000E+00
-9.065783E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	6.023200E+02

0.263410

2.882620E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	2.882620E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	2.882620E+09	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	4.808020E+09	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.271990E+09	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.919400E+08	
3.465380E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-8.665876E+01	
0.000000E+00	3.465380E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	3.465380E+02	8.665876E+01	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	8.665876E+01	4.362200E+02	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.403000E+02	0.000000E+00	
-8.665876E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	5.765200E+02	
0.295950						
2.613970E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	2.613970E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	2.613970E+09	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	4.501400E+09	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.050050E+09	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.610000E+08	
3.393330E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-7.857256E+01	
0.000000E+00	3.393330E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	3.393330E+02	7.857256E+01	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	7.857256E+01	3.981800E+02	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.246100E+02	0.000000E+00	
-7.857256E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	5.227900E+02	
0.328460						
2.357480E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	2.357480E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	2.357480E+09	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	4.244070E+09	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.828250E+09	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.288200E+08	
3.300040E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-6.726142E+01	

0.000000E+00	3.300040E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.300040E+02	6.726142E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	6.726142E+01	3.620800E+02	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.094200E+02	0.000000E+00
-6.726142E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.715000E+02
0.360980					
2.146860E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	2.146860E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	2.146860E+09	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	3.995280E+09	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.588710E+09	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.007500E+08
3.219900E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-6.418549E+01
0.000000E+00	3.219900E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.219900E+02	6.418549E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	6.418549E+01	3.350100E+02	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	9.436000E+01	0.000000E+00
-6.418549E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.293700E+02
0.393500					
1.944090E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	1.944090E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.944090E+09	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	3.750760E+09	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.361930E+09	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.743800E+08
3.138200E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-6.063944E+01
0.000000E+00	3.138200E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.138200E+02	6.063944E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	6.063944E+01	3.085700E+02	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	8.024000E+01	0.000000E+00
-6.063944E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	3.888100E+02
0.426020					
1.632700E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00

0.000000E+00	1.632700E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.632700E+09	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	3.447140E+09	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.102380E+09	0.000000E+00	1.444700E+08
2.947340E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-4.419242E+01	
0.000000E+00	2.947340E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	2.947340E+02	4.419242E+01	4.419242E+01	0.000000E+00	
0.000000E+00	0.000000E+00	4.419242E+01	2.638700E+02	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	6.267000E+01	0.000000E+00	
-4.419242E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	3.265400E+02	
0.458550						
1.432400E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	1.432400E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	1.432400E+09	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	3.139070E+09	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	8.758000E+08	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.199800E+08	
2.871200E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-4.427678E+01	
0.000000E+00	2.871200E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	2.871200E+02	4.427678E+01	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	4.427678E+01	2.370600E+02	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.942000E+01	0.000000E+00	
-4.427678E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.864800E+02	
0.491060						
1.168760E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	1.168760E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	1.168760E+09	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	2.734240E+09	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	6.813000E+08	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	8.119000E+07	
2.633430E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-3.489821E+01	
0.000000E+00	2.633430E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	

0.000000E+00	0.000000E+00	2.633430E+02	3.489821E+01	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.489821E+01	1.964100E+02	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	3.734000E+01	0.000000E+00	0.000000E+00
-3.489821E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.337500E+02

0.523580	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
1.047430E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	1.047430E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.047430E+09	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	2.554870E+09	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	5.347200E+08	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	6.909000E+07

2.532070E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-3.370945E+01
0.000000E+00	2.532070E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	2.532070E+02	3.370945E+01	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.370945E+01	1.803400E+02	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.914000E+01	0.000000E+00	0.000000E+00
-3.370945E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.094800E+02

0.556100	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
9.229500E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	9.229500E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	9.229500E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	2.334030E+09	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.089000E+08	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	5.745000E+07

2.416660E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-3.391782E+01
0.000000E+00	2.416660E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	2.416660E+02	3.391782E+01	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.391782E+01	1.624300E+02	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.216000E+01	0.000000E+00	0.000000E+00
-3.391782E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.845900E+02

0.588620	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
7.608200E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	7.608200E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00

0.000000E+00	0.000000E+00	7.608200E+08	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	1.828730E+09	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	3.145400E+08	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.592000E+07	
2.206380E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-3.077900E+01	
0.000000E+00	2.206380E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	2.206380E+02	3.077900E+01	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	3.077900E+01	1.348300E+02	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.733000E+01	0.000000E+00	
-3.077900E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.521600E+02	
0.621150						
6.480300E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	6.480300E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	6.480300E+08	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	1.584100E+09	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.386300E+08	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	3.598000E+07	
2.002930E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-3.031234E+01	
0.000000E+00	2.002930E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	2.002930E+02	3.031234E+01	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	3.031234E+01	1.163000E+02	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.330000E+01	0.000000E+00	
-3.031234E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.296000E+02	
0.653660						
5.397000E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	5.397000E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	5.397000E+08	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	1.323360E+09	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.758800E+08	0.000000E+00	
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.744000E+07	
1.794040E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-3.124859E+01	
0.000000E+00	1.794040E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
0.000000E+00	0.000000E+00	1.794040E+02	3.124859E+01	0.000000E+00	0.000000E+00	

0.000000E+00	0.000000E+00	3.124859E+01	9.798000E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	9.960000E+00	0.000000E+00
-3.124859E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.079400E+02
0.686180					
5.311500E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	5.311500E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	5.311500E+08	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	1.183680E+09	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.260100E+08	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.090000E+07
-4.114473E+01					
1.650940E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-4.114473E+01
0.000000E+00	1.650940E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.650940E+02	4.114473E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	4.114473E+01	9.893000E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	7.300000E+00	0.000000E+00
-4.114473E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.062300E+02
0.718700					
4.600100E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	4.600100E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	4.600100E+08	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	1.020160E+09	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.072600E+08	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.854000E+07
-4.018083E+01					
1.544110E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-4.018083E+01
0.000000E+00	1.544110E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.544110E+02	4.018083E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	4.018083E+01	8.578000E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	6.220000E+00	0.000000E+00
-4.018083E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	9.200000E+01
0.751220					
3.757500E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	3.757500E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.757500E+08	0.000000E+00	0.000000E+00	0.000000E+00

0.000000E+00	0.000000E+00	0.000000E+00	7.978100E+08	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	9.088000E+07	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.628000E+07
1.389350E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-3.133540E+01
0.000000E+00	1.389350E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.389350E+02	3.133540E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.133540E+01	6.996000E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	5.190000E+00	0.000000E+00
-3.133540E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	7.515000E+01
0.783760					
3.288900E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	3.288900E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.288900E+08	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	7.096100E+08	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	7.631000E+07	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.453000E+07
1.295550E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-2.953206E+01
0.000000E+00	1.295550E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.295550E+02	2.953206E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	2.953206E+01	6.141000E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.360000E+00	0.000000E+00
-2.953206E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	6.577000E+01
0.816260					
2.440400E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	2.440400E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	2.440400E+08	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	5.181900E+08	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	6.105000E+07	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	9.070000E+06
1.072640E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-2.209638E+01
0.000000E+00	1.072640E+02	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.072640E+02	2.209638E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	2.209638E+01	4.544000E+01	0.000000E+00	0.000000E+00

0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
-2.209638E+01	0.000000E+00	0.000000E+00	0.000000E+00	3.360000E+00	0.000000E+00
0.848780					4.880000E+01
2.116000E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	2.116000E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	2.116000E+08	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	4.548700E+08	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.948000E+07	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	8.060000E+06
9.877600E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-2.139686E+01
0.000000E+00	9.877600E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	9.877600E+01	2.139686E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	2.139686E+01	3.957000E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.750000E+00	0.000000E+00
-2.139686E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.232000E+01
0.881300					
1.815200E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	1.815200E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.815200E+08	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	3.951200E+08	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	3.936000E+07	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	7.080000E+06
9.024800E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-2.056210E+01
0.000000E+00	9.024800E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	9.024800E+01	2.056210E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	2.056210E+01	3.409000E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.210000E+00	0.000000E+00
-2.056210E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	3.630000E+01
0.897560					
1.602500E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	1.602500E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.602500E+08	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	3.537200E+08	0.000000E+00	0.000000E+00

-1.055375E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.002000E+01
0.938210	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
9.224000E+06	9.224000E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	9.224000E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.617100E+08	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.384000E+07	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.940000E+06
6.626400E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-1.019273E+01
0.000000E+00	6.626400E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	6.626400E+01	1.019273E+01	1.019273E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.019273E+01	0.000000E+00	1.711000E+01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.340000E+00	0.000000E+00
-1.019273E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.845000E+01
0.946360	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
6.323000E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	6.323000E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	6.323000E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	1.588100E+08	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.963000E+07	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	4.240000E+06	0.000000E+00
5.934000E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-5.619498E+00
0.000000E+00	5.934000E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	5.934000E+01	5.619498E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	5.619498E+00	1.155000E+01	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.100000E+00	0.000000E+00	0.000000E+00
-5.619498E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.265000E+01	0.000000E+00
0.954470	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
5.332000E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	5.332000E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	5.332000E+07	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	1.378800E+08	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.600000E+07	0.000000E+00	0.000000E+00

0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	3.660000E+06
5.591400E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-5.042325E+00
0.000000E+00	5.591400E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	5.591400E+01	5.042325E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	5.042325E+00	9.770000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	8.900000E-01	0.000000E+00
-5.042325E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.066000E+01
0.962600					
4.453000E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	4.453000E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	4.453000E+07	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	1.187900E+08	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.283000E+07	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	3.130000E+06
5.248400E+01					
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-4.493155E+00
0.000000E+00	5.248400E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	5.248400E+01	4.493155E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	4.493155E+00	8.190000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	7.100000E-01	0.000000E+00
-4.493155E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	8.900000E+00
0.970730					
3.690000E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	3.690000E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.690000E+07	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	1.016300E+08	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.008000E+07	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.640000E+06
4.911400E+01					
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-3.946310E+00
0.000000E+00	4.911400E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	4.911400E+01	3.946310E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.946310E+00	6.820000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	5.600000E-01	0.000000E+00
-3.946310E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	7.380000E+00

1.145300E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-6.169731E-01
0.000000E+00	1.145300E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.145300E+01	6.169731E-01	9.400000E-01	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	6.169731E-01	0.000000E+00	0.000000E+00	4.000000E-02	0.000000E+00
-6.169731E-01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	9.800000E-01

1.000000	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3.530000E+05	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	3.530000E+05	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	3.530000E+06	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	5.010000E+06	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.700000E+05	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	1.900000E+05	1.900000E+05

1.031900E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-5.346274E-01
0.000000E+00	1.031900E+01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	1.031900E+01	5.346274E-01	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	5.346274E-01	6.800000E-01	0.000000E+00	0.000000E+00	0.000000E+00
0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	2.000000E-02	0.000000E+00	0.000000E+00
-5.346274E-01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	7.000000E-01