Table 1: Simple exponential runs from Section 5.1.

Run	m_9 ($M_\oplus$)	$a_{9,f}$ (AU)	$e_{9,i}$	$i_{9,i}$ ($^\circ$)	α_{max} (arcsec/yr)	θ_{max} ($^\circ$)	Stability
1	5	516.3	0.3	15	4.705	84.35	Stable
2	5	578.8	0.4	15	5.155	90.28	Stable
3	5	367.6	0.5	15	5.905	95.71	Significantly unstable
4	5	675.2	0.6	15	5.755	96.96	Stable
5	7	593.2	0.3	15	4.505	79.77	Stable
6	7	575.3	0.4	15	3.805	123.66	Significantly unstable
7	7	593.4	0.5	15	4.605	100.89	Significantly unstable
8	7	643.5	0.6	15	5.705	101.56	Stable
9	10	689	0.3	15	4.055	101.64	Ejection
10	10	449.3	0.4	15	5.455	87.76	Slightly unstable
11	10	Ejection	0.5	15	N/A	N/A	Ejection
12	10	Ejection	0.6	15	4.905	102.54	Ejection
13	5	538.9	0.3	20	4.055	75.21	Stable
14	5	463.1	0.3	25	5.905	91.6	Stable
15	5	498.3	0.3	30	5.405	105.76	Slightly unstable
16	5	496.6	0.4	20	5.805	98.39	Stable
17	5	538.1	0.4	25	4.705	86.39	Ejection
18	5	490	0.4	30	5.455	97.14	Stable
19	5	Ejection	0.5	20	N/A	N/A	Ejection
20	5	503.5	0.5	25	4.805	88.93	Stable
21	5	385.3	0.5	30	4.655	100.86	Significantly unstable
22	5	409.5	0.6	20	5.155	105.59	Slightly unstable
23	5	474.9	0.6	25	4.805	95.15	Significantly unstable
24	5	441	0.6	30	4.355	82.19	Stable
25	7	580.2	0.3	20	5.755	99.12	Significantly unstable
26	7	494.5	0.3	25	4.055	74.36	Slightly unstable
27	7	497	0.3	30	5.155	100.24	Significantly unstable
28	7	436.1	0.4	20	3.655	72.36	Stable
29	7	500	0.4	25	5.755	103.32	Stable
30	7	176.5	0.4	30	5.805	101.96	Significantly unstable
31	7	607.3	0.5	20	4.205	112.66	Significantly unstable
32	7	Ejection	0.5	25	0.105	106.46	Ejection
33	7	572.9	0.5	30	4.705	75.93	Stable
34	7	369.6	0.6	20	2.855	105.24	Significantly unstable
35	7	1413	0.6	25	5.405	79.76	Significantly unstable
36	7	1247	0.6	30	N/A	N/A	Ejection
37	10	464.4	0.3	20	5.155	89.85	Stable
38	10	371.5	0.3	25	5.955	87.28	Significantly unstable
39	10	487.3	0.3	30	5.555	96.5	Stable
40	10	Ejection	0.4	20	N/A	N/A	Ejection
41	10	517.9	0.4	25	5.405	106.79	Significantly unstable
42	10	445.3	0.4	30	4.555	79.57	Stable
43	10	445.4	0.5	20	5.305	103.46	Stable
44	10	264.7	0.5	25	N/A	N/A	Ejection
45	10	408	0.5	30	5.955	92.9	Significantly unstable
46	10	833.7	0.6	20	3.155	115.34	Significantly unstable
47	10	597.2	0.6	25	4.055	114.3	Significantly unstable
48	10	270.1	0.6	30	5.755	134.16	Significantly unstable

Table 2: Runs using Brown & Batygin (2021) parameters from Section 5.3

Run	m_9 ($M_\oplus$)	$a_{9,f}$ (AU)	$e_{9,i}$	$i_{9,i}$ (°)	$e_{9,f}$	$i_{9,f}$ (°)	α_{max} (arcsec/yr)	θ_{max} (°)	Stability
1	4.9	486.8	0.2	11	3.8	0.15	3.882	77.38	Stable
2	4.9	473	0.25	11	9.61	0.2	4.487	75.05	Stable
3	4.9	494.9	0.3	11	6.49	0.29	5.496	85.31	Stable
4	4.9	703.8	0.35	11	3.16	0.56	3.882	54.9	Stable
5	4.9	432.5	0.4	11	5.76	0.1	5.546	88.75	Stable
6	4.9	460.8	0.2	13	9.5	0.12	4.487	81.19	Stable
7	4.9	508.7	0.25	13	10.72	0.28	3.63	58.25	Stable
8	4.9	549.7	0.3	13	7.26	0.45	4.689	78.74	Slightly unstable
9	4.9	641.2	0.35	13	5.77	0.5	3.983	63.32	Stable
10	4.9	354.8	0.4	13	13.22	0.2	6	87.26	Significantly unstable
11	4.9	474.7	0.2	16	9.03	0.14	4.487	75.04	Stable
12	4.9	527.3	0.25	16	11.76	0.3	4.689	80.69	Stable
13	4.9	434.9	0.3	16	12.98	0.23	4.286	75.05	Stable
14	4.9	721.3	0.35	16	7.27	0.54	5.647	92.14	Stable
15	4.9	661.5	0.4	16	9.17	0.48	5.244	105.7	Significantly unstable
16	4.9	464.8	0.2	18	14.06	0.17	0.857	48.86	Stable
17	4.9	493	0.25	18	11.34	0.24	4.437	74.05	Stable
18	4.9	486.8	0.3	18	12	0.26	4.134	76.73	Stable
19	4.9	553.3	0.35	18	14.06	0.4	4.79	76.79	Stable
20	4.9	495.8	0.4	18	5.04	0.41	4.286	110.63	Significantly unstable
21	4.9	472.3	0.2	21	14.3	0.17	4.387	82.32	Stable
22	4.9	488.1	0.25	21	13.86	0.2	4.689	85.31	Stable
23	4.9	368.5	0.3	21	7.59	0.15	3.328	57.09	Stable
24	4.9	857.2	0.35	21	14.06	0.63	3.983	66.29	Stable
25	4.9	637.3	0.4	21	21.24	0.47	4.74	87.47	Stable
26	6.2	479.8	0.2	11	5.47	0.1	4.639	78.23	Stable
27	6.2	453.8	0.25	11	9.2	0.23	4.437	73.98	Stable
28	6.2	500.8	0.3	11	8.49	0.24	5.849	95.73	Slightly unstable
29	6.2	836	0.35	11	3.27	0.62	Ejection	N/A	UnStable
30	6.2	629.9	0.4	11	0.71	0.54	5.042	89.89	Stable
31	6.2	490.5	0.2	13	5.76	0.11	4.689	82.52	Stable
32	6.2	489.6	0.25	13	6.5	0.28	3.832	66.27	Stable
33	6.2	652	0.3	13	6.22	0.47	5.193	130.95	Significantly unstable
34	6.2	578.3	0.35	13	9.61	0.44	4.084	61.07	Stable
35	6.2	624.9	0.4	13	3.25	0.53	4.689	75.08	Stable
36	6.2	480	0.2	16	9.64	0.14	4.639	82.38	Stable
37	6.2	492.1	0.25	16	9.64	0.24	4.588	81.08	Stable
38	6.2	423.5	0.3	16	12.01	0.08	5.294	82.82	Stable
39	6.2	373	0.35	16	17.84	0.31	6	87.12	Slightly unstable
40	6.2	494.2	0.4	16	9.52	0.34	4.437	84.52	Stable
41	6.2	474.3	0.2	18	11.9	0.17	4.538	81.87	Stable
42	6.2	468.8	0.25	18	10.93	0.1	5.546	95.56	Stable
43	6.2	353.9	0.3	18	12.01	0.05	3.277	57.56	Stable
44	6.2	400.6	0.35	18	16.54	0.24	3.882	78.99	Slightly unstable
45	6.2	454.3	0.4	18	14.24	0.29	5.597	94.98	Stable
46	6.2	466	0.2	21	14.66	0.11	4.689	84.55	Stable
47	6.2	497.6	0.25	21	15.34	0.28	3.882	76.88	Stable
48	6.2	431.8	0.3	21	16.35	0.11	5.294	96.16	Stable

Table 2 *(continued)*

Table 2 *(continued)*

Run	m_9 ($M_\oplus$)	$a_{9,f}$ (AU)	$e_{9,i}$	$i_{9,i}$ (°)	$e_{9,f}$	$i_{9,f}$ (°)	α_{max} (arcsec/yr)	θ_{max} (°)	Stability
49	6.2	530.1	0.35	21	7.82	0.32	5.496	101.64	Significantly unstable
50	6.2	731.6	0.4	21	13.17	0.61	5.597	94.04	Slightly unstable
51	8.4	466.9	0.2	11	7.93	0.17	5.899	84.93	Stable
52	8.4	433.7	0.25	11	8.37	0.15	4.286	87.88	Stable
53	8.4	484	0.3	11	4.1	0.16	5.798	95.79	Stable
54	8.4	476	0.35	11	4.43	0.29	5.899	95.96	Significantly unstable
55	8.4	441.1	0.4	11	10.6	0.11	4.538	97.03	Stable
56	8.4	488.8	0.2	13	8.99	0.19	4.437	81.95	Stable
57	8.4	519.8	0.25	13	11.53	0.26	5.697	93.6	Stable
58	8.4	452.1	0.3	13	8.15	0.2	5.697	97.17	Stable
59	8.4	532.2	0.35	13	3.48	0.32	5.496	100.21	Significantly unstable
60	8.4	-33.9	0.4	13	11	2.41	N/A	N/A	Ejection
61	8.4	475.9	0.2	16	10.69	0.19	5.193	87.29	Stable
62	8.4	502.6	0.25	16	10.1	0.28	4.639	83.24	Stable
63	8.4	494	0.3	16	2.67	0.18	5.647	100.08	Slightly unstable
64	8.4	94.2	0.35	16	19.11	0.22	3.328	141.03	Significantly unstable
65	8.4	353.8	0.4	16	13.1	0.17	5.546	82.11	Significantly unstable
66	8.4	473.6	0.2	18	12.12	0.13	4.538	94.28	Stable
67	8.4	481.2	0.25	18	14.94	0.24	4.588	77.08	Stable
68	8.4	406.6	0.3	18	9.3	0.01	5.546	96.08	Slightly unstable
69	8.4	954	0.35	18	10	0.67	5.95	102.97	Significantly unstable
70	8.4	895.3	0.4	18	11.12	0.64	4.941	123.42	Significantly unstable
71	8.4	473.5	0.2	21	15.93	0.21	3.681	71.37	Stable
72	8.4	471.3	0.25	21	14.62	0.19	5.546	96.57	Stable
73	8.4	490	0.3	21	12.95	0.31	4.588	97.96	Stable
74	8.4	766.6	0.35	21	4.68	0.62	6	90.08	Slightly unstable
75	8.4	231.1	0.4	21	15.36	0.26	5.849	148.85	Significantly unstable

Table 3: Stochastic scattering runs from Section 5.4

Run	T_{max} (Yrs)	Kick Time (2π yrs)	$i_{9,f}$ ($^\circ$)	$e_{9,f}$	$a_{9,f}$ (AU)	α_{max} (arcsec/yr)	θ_{max} ($^\circ$)	Stability
1	10000000	0.01	15.52	0.376	40.9	5.1	80.46	Significantly unstable
2	10000000	0.01	4.13	0.478	63.1	5.2	82.58	Stable
3	10000000	0.01	18.15	0.980	663.4	3.65	78.71	Significantly unstable
4	10000000	0.01	7.17	0.355	56.4	5.3	96.76	Significantly unstable
5	10000000	0.01	10.40	0.330	52.0	5.65	93.14	Stable
6	10000000	0.02	15.47	0.253	50.4	5.7	88.71	Significantly unstable
7	10000000	0.02	19.09	0.205	48.7	4.25	84.30	Slightly unstable
8	10000000	0.02	21.74	0.820	129.7	3.85	62.58	Significantly unstable
9	10000000	0.02	13.14	0.850	152.4	3.5	51.19	Significantly unstable
10	10000000	0.02	10.81	0.463	70.9	3.35	100.74	Significantly unstable
11	10000000	0.03	14.91	0.759	117.4	3.6	47.36	Stable
12	10000000	0.03	13.26	0.638	76.5	4.75	79.14	Stable
13	10000000	0.03	10.84	0.789	122.6	4.25	97.04	Significantly unstable
14	10000000	0.03	6.94	0.273	58.4	5.9	95.77	Stable
15	10000000	0.03	15.80	0.862	182.7	3.55	55.96	Slightly unstable
16	10000000	0.03	15.52	0.510	61.4	4	88.63	Stable
17	10000000	0.03	11.11	0.760	113.4	4.45	68.75	Stable
18	10000000	0.03	7.99	0.835	163.9	3.5	46.13	Stable
19	10000000	0.03	3.08	0.973	697.3	4.95	69.49	Significantly unstable
20	10000000	0.03	1.92	0.908	254.9	3.75	66.48	Significantly unstable
21	10000000	0.03	16.78	0.843	152.0	3.4	50.75	Stable
22	10000000	0.03	11.63	0.509	63.6	5.9	98.21	Stable
23	10000000	0.03	7.60	0.666	95.2	4.6	97.14	Slightly unstable
24	10000000	0.03	2.46	0.692	98.6	5.95	95.88	Stable
25	10000000	0.03	9.08	0.805	141.5	5.9	72.83	Slightly unstable
26	10000000	0.03	14.30	0.661	80.9	3.5	61.95	Stable
27	10000000	0.03	8.10	0.721	104.2	5.2	85.69	Stable
28	10000000	0.03	16.12	0.807	144.7	4.6	74.47	Stable
29	10000000	0.03	13.11	0.604	82.5	4.25	75.66	Stable
30	10000000	0.03	10.96	0.785	114.2	3.7	55.55	Stable
31	10000000	0.03	18.53	0.420	58.4	4.6	74.89	Stable
32	10000000	0.03	9.79	0.500	58.3	3.4	65.16	Slightly unstable
33	10000000	0.03	16.08	0.680	82.3	3.3	55.71	Significantly unstable
34	10000000	0.03	19.50	0.370	44.5	5	89.59	Significantly unstable
35	10000000	0.03	11.46	0.770	127.4	3.6	49.53	Stable
36	10000000	0.03	14.84	0.230	50.0	4.7	95.51	Significantly unstable
37	10000000	0.03	9.17	0.810	129.7	4.45	82.14	Significantly unstable
38	10000000	0.03	17.21	0.650	88.3	4.5	70.07	Significantly unstable
39	10000000	0.03	6.20	0.850	162.9	3.4	67.08	Significantly unstable
40	10000000	0.03	9.34	0.740	111.5	4.65	85.93	Stable
41	10000000	0.04	11.66	0.627	71.2	4.55	80.11	Significantly unstable
42	10000000	0.04	17.72	0.831	155.8	3.4	61.61	Stable
43	10000000	0.04	10.76	0.833	170.2	5.7	87.50	Stable
44	10000000	0.04	16.28	0.524	68.6	5.15	86.17	Slightly unstable
45	10000000	0.04	9.70	0.832	152.6	3.65	51.39	Stable
46	10000000	0.05	10.84	0.809	149.8	4.6	77.66	Stable
47	10000000	0.05	9.65	0.823	170.4	4.75	78.53	Stable
48	10000000	0.05	15.67	0.730	109.1	4.75	83.28	Stable
49	10000000	0.05	7.44	0.833	161.3	3.75	78.99	Slightly unstable
50	10000000	0.05	9.83	0.910	261.7	3.35	60.42	Significantly unstable

Table 3 *(continued)*

Run	T_{max} (Yrs)	Kick Time (2π yrs)	$i_{9,f}$ (°)	$e_{9,f}$	$a_{9,f}$ (AU)	α_{max} (arcsec/yr)	θ_{max} (°)	Stability
51	10000000	0.06	9.02	0.933	427.7	4.55	75.18	Stable
52	10000000	0.06	11.14	0.920	331.3	3.75	63.25	Stable
53	10000000	0.06	13.18	0.857	184.5	3.85	65.53	Stable
54	10000000	0.06	11.73	0.913	298.3	3	36.08	Stable
55	10000000	0.06	8.19	0.878	216.2	4.3	68.87	Stable
56	10000000	0.06	12.76	0.915	296.9	3.8	62.45	Stable
57	10000000	0.06	13.13	0.792	136.4	4	66.57	Stable
58	10000000	0.06	14.34	0.907	287.3	3.4	48.27	Stable
59	10000000	0.06	16.35	0.884	231.4	3.3	35.72	Stable
60	10000000	0.06	5.29	0.823	165.4	5.8	90.36	Stable
61	10000000	0.06	12.14	0.923	325.3	3.7	54.97	Stable
62	10000000	0.06	14.04	0.913	291.0	3.1	44.55	Stable
63	10000000	0.06	9.07	0.872	219.0	4.05	72.33	Stable
64	10000000	0.06	11.89	0.882	253.8	4.15	77.86	Stable
65	10000000	0.06	19.11	0.832	171.1	3.55	59.94	Stable
66	10000000	0.06	13.64	0.890	221.4	3.85	70.04	Stable
67	10000000	0.06	14.98	0.800	144.5	4	72.49	Stable
68	10000000	0.06	10.05	0.800	144.7	3.9	68.87	Stable
69	10000000	0.06	12.42	0.890	240.5	3.25	31.55	Stable
70	10000000	0.06	14.74	0.800	151.9	4.55	82.40	Stable
71	10000000	0.06	12.75	0.890	227.0	3.3	55.20	Stable
72	10000000	0.06	10.26	0.850	175.0	3.45	50.50	Stable
73	10000000	0.06	13.59	0.900	276.8	3.85	62.44	Stable
74	10000000	0.06	11.41	0.690	103.5	4.15	96.05	Significantly unstable
75	10000000	0.06	9.22	0.940	450.8	4.05	63.51	Stable
76	10000000	0.09	17.00	0.913	310.8	3.5	64.13	Stable
77	10000000	0.09	11.60	0.963	693.3	3.05	44.80	Stable
78	10000000	0.09	10.53	0.961	679.5	3.5	52.44	Stable
79	10000000	0.09	14.72	0.896	263.9	3.95	75.51	Stable
80	10000000	0.09	16.24	0.925	360.0	3.45	62.75	Stable
81	10000000	0.09	14.07	0.969	796.3	3.25	40.34	Stable
82	10000000	0.09	15.96	0.961	638.0	3.25	45.20	Stable
83	10000000	0.09	13.98	0.956	575.2	3.4	45.72	Stable
84	10000000	0.09	18.20	0.849	186.8	3.75	68.18	Stable
85	10000000	0.09	10.34	0.896	258.6	3.6	63.23	Stable
86	10000000	0.09	10.03	0.899	276.2	3.85	71.59	Stable
87	10000000	0.09	13.64	0.888	245.1	4.1	71.03	Stable
88	10000000	0.09	16.81	0.922	341.4	3.2	42.42	Stable
89	10000000	0.09	15.19	0.938	444.9	3.45	47.31	Stable
90	10000000	0.09	15.96	0.904	271.1	4.05	67.09	Stable
91	10000000	0.09	10.41	0.920	341.1	3.95	64.97	Stable
92	10000000	0.09	12.06	0.980	1334.7	3	34.24	Significantly unstable
93	10000000	0.09	12.98	0.960	639.2	3.6	53.31	Stable
94	10000000	0.09	18.89	0.850	193.1	3.6	59.94	Stable
95	10000000	0.09	11.65	0.980	1259.8	3.15	32.00	Significantly unstable
96	10000000	0.09	15.49	0.920	327.0	3.95	61.25	Stable
97	10000000	0.09	12.05	0.950	578.4	4	77.22	Stable
98	10000000	0.09	12.60	0.890	257.9	3.85	69.64	Stable
99	10000000	0.09	13.57	0.930	393.0	3.45	58.09	Stable
100	10000000	0.09	11.46	0.980	1202.9	3	37.98	Significantly unstable

Table 3 *(continued)*

Run	T_{max} (Yrs)	Kick Time (2π yrs)	$i_{9,f}$ ($^\circ$)	$e_{9,f}$	$a_{9,f}$ (AU)	α_{max} (arcsec/yr)	θ_{max} ($^\circ$)	Stability
101	10000000	0.12	17.59	0.794	156.4	5.95	91.73	Stable
102	10000000	0.12	N/A	N/A	Ejection	3.5	56.76	Stable
103	10000000	0.12	13.93	0.946	516.9	3.55	63.14	Stable
104	10000000	0.12	10.94	0.933	397.6	3.25	59.73	Stable
105	10000000	0.12	9.04	0.929	391.6	3.9	74.67	Stable
106	10000000	0.12	15.18	0.906	297.2	3.65	61.63	Stable
107	10000000	0.12	12.87	0.888	268.6	4.35	78.61	Stable
108	10000000	0.12	11.64	0.962	704.6	0.85	33.31	Stable
109	10000000	0.12	14.99	0.962	710.8	3.45	53.83	Stable
110	10000000	0.12	16.30	0.936	455.0	4.65	73.21	Stable
111	10000000	0.12	14.80	0.928	393.4	4.3	73.46	Stable
112	10000000	0.12	18.32	0.930	368.7	3.35	53.92	Significantly unstable
113	10000000	0.12	14.25	0.936	446.0	3.85	69.36	Stable
114	10000000	0.12	16.14	0.947	519.6	3.45	70.62	Slightly unstable
115	10000000	0.12	11.76	0.969	878.5	4.7	85.11	Stable
116	10000000	0.12	18.58	0.960	663.2	3.25	50.17	Stable
117	10000000	0.12	14.48	0.970	845.8	3.4	57.04	Stable
118	10000000	0.12	12.40	0.970	1002.0	3.2	36.33	Stable
119	10000000	0.12	13.62	0.9	288.4	4.55	75.47	Stable
120	10000000	0.12	N/A	N/A	Ejection	2.95	33.39	Slightly unstable
121	10000000	0.12	14.25	0.920	354.4	3.8	69.69	Stable
122	10000000	0.12	12.80	0.960	651.2	3.4	56.89	Slightly unstable
123	10000000	0.12	15.89	0.950	607.2	5.1	82.29	Stable
124	10000000	0.12	14.13	0.880	234.1	4.9	77.51	Stable
125	10000000	0.12	11.51	0.910	306.2	4.15	75.30	Stable
126	10000000	0.15	14.70	0.966	800.2	4.45	59.29	Stable
127	10000000	0.15	12.96	0.934	421.5	3.85	70.83	Stable
128	10000000	0.15	14.40	0.955	618.7	3.7	63.99	Stable
129	10000000	0.15	15.35	0.938	459.8	3.95	68.85	Stable
130	10000000	0.15	12.63	0.941	470.8	4	73.79	Stable
131	10000000	0.15	13.44	0.947	521.7	3.8	63.38	Stable
132	10000000	0.15	14.67	0.914	327.9	4.05	68.72	Stable
133	10000000	0.15	17.37	0.956	646.6	3.45	55.72	Stable
134	10000000	0.15	14.02	0.976	1104.6	3.95	63.07	Stable
135	10000000	0.15	14.67	0.969	831.1	3.65	64.40	Stable
136	10000000	0.15	16.00	0.945	471.8	3.7	67.54	Stable
137	10000000	0.15	17.31	0.946	506.3	3.75	58.16	Stable
138	10000000	0.15	16.91	0.927	390.6	3.8	70.83	Stable
139	10000000	0.15	16.64	0.990	2371.0	3.1	35.18	Stable
140	10000000	0.15	16.43	0.931	398.4	3.2	52.31	Stable
141	10000000	0.15	14.63	0.970	982.2	3.95	70.82	Stable
142	10000000	0.15	16.41	0.930	376.4	4.05	68.92	Stable
143	10000000	0.15	16.15	0.980	1025.5	3.25	46.43	Stable
144	10000000	0.15	13.62	0.950	569.5	4.6	77.43	Stable
145	10000000	0.15	13.84	0.980	1357.8	3.7	58.84	Stable
146	10000000	0.15	16.22	0.980	1397.2	3.45	51.91	Stable
147	10000000	0.15	14.30	0.970	802.3	3.55	57.06	Stable
148	10000000	0.15	9.71	0.990	3455.4	2.95	29.07	Stable
149	10000000	0.15	15.83	0.990	1866.7	3.55	58.91	Stable
150	10000000	0.15	20.19	0.900	264.5	3.3	47.63	Stable

Table 3 *(continued)*

Run	T_{max} (Yrs)	Kick Time (2π yrs)	$i_{9,f}$ ($^\circ$)	$e_{9,f}$	$a_{9,f}$ (AU)	α_{max} (arcsec/yr)	θ_{max} ($^\circ$)	Stability
151	50000000	0.006	1.42	0.542	75.0	5.95	88.27	Slightly unstable
152	50000000	0.006	13.65	0.351	47.3	5.5	93.75	Significantly unstable
153	50000000	0.006	11.38	0.280	55.2	5.85	100.61	Significantly unstable
154	50000000	0.006	9.34	0.922	316.9	5.5	85.19	Slightly unstable
155	50000000	0.006	5.47	0.709	111.2	5.6	102.52	Significantly unstable
156	50000000	0.006	20.02	0.958	457.8	5.85	100.82	Significantly unstable
157	50000000	0.006	13.01	1.000	47022.5	Timeout	Timeout	Ejection
158	50000000	0.006	18.32	0.525	68.7	3.65	107.56	Significantly unstable
159	50000000	0.006	4.70	0.900	215.9	5	92.89	Significantly unstable
160	50000000	0.006	14.58	0.182	46.2	5	103.17	Slightly unstable
161	50000000	0.006	10.13	0.823	147.8	5.25	89.45	Slightly unstable
162	50000000	0.006	4.53	0.852	193.4	5.2	98.38	Slightly unstable
163	50000000	0.006	7.78	0.394	63.2	5.55	103.53	Significantly unstable
164	50000000	0.006	13.55	0.758	115.4	5.65	95.35	Significantly unstable
165	50000000	0.006	23.71	0.949	332.6	3.5	70.67	Significantly unstable
166	50000000	0.006	17.38	0.540	65.7	4.25	106.12	Significantly unstable
167	50000000	0.006	15.14	0.280	68.4	5.75	130.84	Significantly unstable
168	50000000	0.006	7.92	0.960	507.1	5.15	84.12	Significantly unstable
169	50000000	0.006	24.51	0.370	44.0	3.6	63.60	Significantly unstable
170	50000000	0.006	9.25	0.800	78.4	N/A	N/A	Ejection
171	50000000	0.006	3.81	0.650	103.1	4.15	109.74	Significantly unstable
172	50000000	0.006	13.45	0.32	52.3	4	108.77	Significantly unstable
173	50000000	0.006	N/A	N/A	Ejection	5.7	112.28	Ejection
174	50000000	0.006	13.41	0.360	53.0	4.8	93.02	Slightly unstable
175	50000000	0.006	17.89	0.18	53.8	5.7	101.37	Significantly unstable
176	50000000	0.01	8.48	0.982	992.7	5.85	98.46	Significantly unstable
177	50000000	0.01	5.46	0.950	1577.8	5.15	101.34	Ejection
178	50000000	0.01	15.11	0.984	1383.8	5.4	83.95	Significantly unstable
179	50000000	0.01	7.61	0.767	103.7	4.3	95.38	Significantly unstable
180	50000000	0.01	8.20	0.743	543.1	4.1	100.36	Ejection
181	50000000	0.012	10.76	0.931	333.9	3.8	69.19	Significantly unstable
182	50000000	0.012	15.80	0.043	49.0	5.6	103.05	Significantly unstable
183	50000000	0.012	14.05	0.775	317.7	4.75	105.34	Ejection
184	50000000	0.012	6.66	0.493	73.4	5.05	106.12	Significantly unstable
185	50000000	0.012	7.10	0.555	75.7	5.3	103.53	Slightly unstable
186	50000000	0.012	4.60	0.761	123.8	N/A	N/A	Ejection
187	50000000	0.012	14.75	0.973	886.8	3.85	77.47	Slightly unstable
188	50000000	0.012	25.73	0.647	94.3	3.95	73.06	Significantly unstable
189	50000000	0.012	8.00	0.859	233.8	5.1	115.02	Significantly unstable
190	50000000	0.012	13.28	0.970	729.1	4.9	87.98	Significantly unstable
191	50000000	0.012	13.34	0.112	50.6	5.7	106.62	Slightly unstable
192	50000000	0.012	N/A	N/A	Ejection	5.9	92.80	Slightly unstable
193	50000000	0.012	8.87	0.899	287.4	4.4	93.11	Slightly unstable
194	50000000	0.012	N/A	N/A	Ejection	N/A	N/A	Ejection
195	50000000	0.012	24.11	0.462	77.0	5.45	97.72	Slightly unstable
196	50000000	0.012	N/A	N/A	Ejection	N/A	N/A	Ejection
197	50000000	0.012	7.74	0.970	987.3	4.3	93.94	Significantly unstable
198	50000000	0.012	8.47	0.950	395.8	4.35	80.63	Significantly unstable
199	50000000	0.012	11.14	0.96	528.1	4.45	85.60	Significantly unstable
200	50000000	0.012	N/A	N/A	Ejection	5.05	95.64	Significantly unstable

Table 3 *(continued)*

Run	T_{max} (Yrs)	Kick Time (2π yrs)	$i_{9,f}$ (°)	$e_{9,f}$	$a_{9,f}$ (AU)	α_{max} (arcsec/yr)	θ_{max} (°)	Stability
201	50000000	0.012	10.77	0.53	65.9	5.7	97.16	Slightly unstable
202	50000000	0.012	N/A	N/A	Ejection	4.65	108.96	Significantly unstable
203	50000000	0.012	3.53	0.620	67.8	4.9	96.72	Significantly unstable
204	50000000	0.012	14.59	0.960	582.8	4.25	85.09	Significantly unstable
205	50000000	0.012	7.78	0.55	73.5	4.35	105.20	Significantly unstable
206	50000000	0.018	17.55	0.869	228.8	5.6	99.37	Significantly unstable
207	50000000	0.018	15.14	0.706	105.9	3.5	120.24	Significantly unstable
208	50000000	0.018	19.09	0.838	158.2	5.85	101.73	Significantly unstable
209	50000000	0.018	12.75	0.978	1061.5	3.8	60.63	Significantly unstable
210	50000000	0.018	7.63	0.786	144.8	5.7	98.71	Stable
211	50000000	0.018	8.87	0.920	378.5	5.65	87.23	Slightly unstable
212	50000000	0.018	11.00	0.968	820.8	4.85	92.69	Slightly unstable
213	50000000	0.018	11.61	0.823	179.7	1.5	105.32	Significantly unstable
214	50000000	0.018	14.41	0.986	1608.4	3.85	72.54	Significantly unstable
215	50000000	0.018	4.97	0.991	2389.5	3.75	59.13	Significantly unstable
216	50000000	0.018	5.02	0.912	348.5	5.8	102.02	Slightly unstable
217	50000000	0.018	10.14	0.388	79.4	5.85	99.92	Significantly unstable
218	50000000	0.018	9.96	0.522	69.3	5.9	98.80	Slightly unstable
219	50000000	0.018	11.01	0.261	62.2	4.05	121.85	Significantly unstable
220	50000000	0.018	8.45	0.817	172.6	4.55	103.92	Significantly unstable
221	50000000	0.018	N/A	N/A	Ejection	N/A	N/A	Ejection
222	50000000	0.018	11.28	0.990	3321.9	4.6	74.96	Significantly unstable
223	50000000	0.018	11.16	0.900	312.7	4.15	98.99	Significantly unstable
224	50000000	0.018	14.38	0.980	1122.3	5.3	104.35	Significantly unstable
225	50000000	0.018	7.63	0.990	2505.5	5.9	85.35	Significantly unstable
226	50000000	0.018	9.55	0.99	3066.7	3.9	66.41	Stable
227	50000000	0.018	N/A	N/A	Ejection	3.9	76.54	Significantly unstable
228	50000000	0.018	0.92	0.900	287.9	5.65	105.42	Significantly unstable
229	50000000	0.018	19.30	1.000	7407863.9	5.85	100.77	Significantly unstable
230	50000000	0.018	12.50	0.96	458.2	N/A	N/A	Ejection
231	50000000	0.02	10.22	0.980	1074.3	5.9	96.27	Significantly unstable
232	50000000	0.02	9.27	0.998	12259.8	4.35	87.68	Significantly unstable
233	50000000	0.02	5.36	0.900	330.9	5.35	112.00	Significantly unstable
234	50000000	0.02	6.18	0.702	114.1	5.7	104.82	Significantly unstable
235	50000000	0.02	13.07	0.680	98.3	4.95	97.95	Slightly unstable
236	50000000	0.024	5.80	0.978	1304.0	4.95	86.05	Stable
237	50000000	0.024	N/A	N/A	Ejection	N/A	N/A	Ejection
238	50000000	0.024	N/A	N/A	Ejection	N/A	N/A	Ejection
239	50000000	0.024	14.78	0.935	411.7	4.45	75.17	Slightly unstable
240	50000000	0.024	6.20	0.363	76.3	5	103.92	Significantly unstable
241	50000000	0.024	5.47	0.873	248.6	5.1	111.89	Significantly unstable
242	50000000	0.024	7.90	0.610	85.0	5.6	93.14	Significantly unstable
243	50000000	0.024	N/A	N/A	Ejection	3.7	71.29	Significantly unstable
244	50000000	0.024	17.29	0.998	10556.3	4.15	132.94	Significantly unstable
245	50000000	0.024	16.51	0.909	298.9	5.7	90.27	Significantly unstable
246	50000000	0.024	16.31	0.928	167.4	4.1	77.86	Significantly unstable
247	50000000	0.024	11.94	0.970	858.1	4.1	76.32	Significantly unstable
248	50000000	0.024	17.61	0.978	1175.6	5	77.79	Slightly unstable
249	50000000	0.024	25.42	0.728	119.3	3.9	70.59	Stable
250	50000000	0.024	4.60	0.557	84.1	3.7	102.80	Significantly unstable

Table 3 *(continued)*

Run	T_{max} (Yrs)	Kick Time (2π yrs)	$i_{9,f}$ ($^\circ$)	$e_{9,f}$	$a_{9,f}$ (AU)	α_{max} (arcsec/yr)	θ_{max} ($^\circ$)	Stability
251	50000000	0.024	N/A	N/A	Ejection	5.6	137.32	Ejection
252	50000000	0.024	9.35	0.87	235.7	4.85	103.23	Significantly unstable
253	50000000	0.024	N/A	N/A	Ejection	N/A	N/A	Ejection
254	50000000	0.024	13.62	0.930	386.8	5	89.45	Slightly unstable
255	50000000	0.024	19.57	0.420	82.6	5	130.21	Significantly unstable
256	50000000	0.024	14.62	0.870	239.7	5.9	96.25	Stable
257	50000000	0.024	8.22	0.830	199.7	5.2	102.47	Significantly unstable
258	50000000	0.024	13.24	0.990	4449.3	3.55	54.12	Slightly unstable
259	50000000	0.024	11.39	0.770	136.4	2.7	115.22	Significantly unstable
260	50000000	0.024	13.99	0.750	127.7	4.9	97.41	Stable
261	50000000	0.03	11.61	0.986	1880.3	5.3	80.82	Stable
262	50000000	0.03	14.35	0.979	1228.2	3.5	54.79	Stable
263	50000000	0.03	10.40	0.996	6395.9	3.45	68.30	Stable
264	50000000	0.03	7.37	0.999	32511.2	5.2	82.21	Significantly unstable
265	50000000	0.03	N/A	N/A	Ejection	N/A	N/A	Ejection
266	50000000	0.03	15.87	0.991	2470.0	4.7	79.25	Significantly unstable
267	50000000	0.03	5.14	0.984	1114.5	4.8	108.75	Significantly unstable
268	50000000	0.03	13.37	0.969	816.7	3.8	76.92	Significantly unstable
269	50000000	0.03	11.08	0.988	2110.6	4.8	77.32	Stable
270	50000000	0.03	10.78	0.951	598.1			Slightly unstable
271	50000000	0.03	7.40	0.803	173.0	5.2	96.79	Significantly unstable
272	50000000	0.03	19.71	0.370	67.9	5.8	98.74	Significantly unstable
273	50000000	0.03	N/A	N/A	Ejection	N/A	N/A	Ejection
274	50000000	0.03	18.25	0.939	452.8	4.6	80.80	Significantly unstable
275	50000000	0.03	N/A	N/A	Ejection	4.5	76.35	Slightly unstable
276	50000000	0.03	13.01	0.954	613.9	4.95	97.87	Slightly unstable
277	50000000	0.03	3.93	0.107	349.5	4.5	104.28	Significantly unstable
278	50000000	0.03	1.77	0.986	1999.7	N/A	N/A	Ejection
279	50000000	0.03	9.10	0.934	415.0	5.9	89.84	Stable
280	50000000	0.03	10.94	0.984	2274.5	N/A	N/A	Ejection
281	50000000	0.03	21.33	0.960	753.8	4.5	75.70	Stable
282	50000000	0.03	3.54	0.97	914.8	5.5	97.39	Significantly unstable
283	50000000	0.03	N/A	N/A	Ejection	2.75	101.67	Significantly unstable
284	50000000	0.03	15.19	0.990	2878.0	4.25	86.43	Stable
285	50000000	0.03	15.78	0.980	1009.6	4.9	82.89	Significantly unstable
286	50000000	0.03	14.78	1.000	5708.7	3.1	66.64	Significantly unstable
287	50000000	0.03	14.75	0.740	137.9	N/A	N/A	Ejection
288	50000000	0.03	18.67	0.970	919.8	3.2	55.26	Slightly unstable
289	50000000	0.03	11.74	0.940	522.0	5.85	97.81	Significantly unstable
290	50000000	0.03	9.50	0.700	119.6	4.7	97.72	Significantly unstable
291	50000000	0.04	8.78	1.000	149496.1	5.25	85.74	Significantly unstable
292	50000000	0.04	16.78	0.887	280.3	5.3	102.95	Slightly unstable
293	50000000	0.04	18.21	0.969	852.7	3.25	47.11	Stable
294	50000000	0.04	17.76	0.985	1798.8	3.65	64.53	Stable
295	50000000	0.04	10.57	0.995	5144.2	5.55	90.61	Significantly unstable
296	50000000	0.05	11.61	0.962	770.5	4.15	90.43	Stable
297	50000000	0.05	7.54	0.967	829.4	4.45	67.29	Stable
298	50000000	0.05	10.07	0.999	24091.3	3.85	76.97	Significantly unstable
299	50000000	0.05	8.04	0.997	8057.0	4.45	77.70	Stable
300	50000000	0.05	18.76	0.985	1810.0	3.85	74.41	Stable

Table 3 *(continued)*

Run	T_{max} (Yrs)	Kick Time (2π yrs)	$i_{9,f}$ ($^\circ$)	$e_{9,f}$	$a_{9,f}$ (AU)	α_{max} (arcsec/yr)	θ_{max} ($^\circ$)	Stability
301	100000000	0.003	2.74	0.095	35.0	4.9	153.40	Significantly unstable
302	100000000	0.003	10.80	0.997	5929.9	4.8	99.10	Significantly unstable
303	100000000	0.003	29.70	0.884	238.6	5.05	98.97	Significantly unstable
304	100000000	0.003	9.37	0.310	56.7	3.3	112.22	Significantly unstable
305	100000000	0.003	12.62	0.652	94.6	3	145.48	Significantly unstable
306	100000000	0.003	14.88	0.931	344.2	5.45	96.25	Significantly unstable
307	100000000	0.003	N/A	N/A	Ejection	N/A	N/A	Ejection
308	100000000	0.003	7.97	0.546	68.0	5.2	106.30	Significantly unstable
309	100000000	0.003	12.66	0.460	233.0	N/A	N/A	Ejection
310	100000000	0.003	N/A	N/A	Ejection	N/A	N/A	Ejection
311	100000000	0.003	N/A	N/A	Ejection	Timeout	Timeout	Ejection
312	100000000	0.003	17.33	0.992	2373.1	5	99.94	Significantly unstable
313	100000000	0.003	N/A	N/A	Ejection	N/A	N/A	Ejection
314	100000000	0.003	N/A	N/A	Ejection	2.9	131.25	Significantly unstable
315	100000000	0.003	36.98	0.848	101.1	5.3	122.47	Significantly unstable
316	100000000	0.003	N/A	N/A	Ejection	5.2	101.75	Significantly unstable
317	100000000	0.003	N/A	N/A	Ejection	5.25	96.67	Significantly unstable
318	100000000	0.003	N/A	N/A	Ejection	4.4	121.69	Significantly unstable
320	100000000	0.003	6.28	1	3766.8	N/A	N/A	Ejection
321	100000000	0.003	N/A	N/A	Ejection	N/A	N/A	Ejection
322	100000000	0.003	19.16	0.64	141.1	N/A	N/A	Ejection
323	100000000	0.003	N/A	N/A	Ejection	3.3	104.49	Significantly unstable
324	100000000	0.003	7.19	0.860	470.3	N/A	N/A	Ejection
325	100000000	0.003	16.10	0.620	99.9	4.45	110.87	Significantly unstable
326	100000000	0.006	17.98	0.980	1152.9	4.45	78.75	Significantly unstable
327	100000000	0.006	N/A	N/A	Ejection	3.3	127.27	Significantly unstable
328	100000000	0.006	N/A	N/A	Ejection	0.1	N/A	Ejection
329	100000000	0.006	N/A	N/A	Ejection	2.55	119.16	Ejection
330	100000000	0.006	158.50	0.980	114.7		N/A	Ejection
331	100000000	0.006	10.99	0.117	41.9	5.5	101.27	Significantly unstable
332	100000000	0.006	6.87	0.918	291.5	5.8	100.22	Significantly unstable
333	100000000	0.006	N/A	N/A	Ejection	N/A	N/A	Ejection
334	100000000	0.006	23.15	0.931	269.1	5.4	112.98	Significantly unstable
335	100000000	0.006	N/A	N/A	Ejection	5.15	97.88	Significantly unstable
336	100000000	0.006	26.01	0.991	1713.5	3.55	89.26	Significantly unstable
337	100000000	0.006	18.60	0.335	131.1	N/A	N/A	Ejection
338	100000000	0.006	N/A	N/A	Ejection	N/A	N/A	Ejection
339	100000000	0.006	13.57	0.993	2423.2	5.75	98.62	Significantly unstable
340	100000000	0.006	15.21	0.998	7576.6	4.1	100.21	Significantly unstable
341	100000000	0.006	22.50	0.51	72.3	2.1	126.29	Significantly unstable
342	100000000	0.006	N/A	N/A	Ejection	4.65	96.81	Significantly unstable
343	100000000	0.006	22.53	0.980	1293.8	5.35	78.29	Significantly unstable
344	100000000	0.006	26.59	0.74	121.9	N/A	N/A	Ejection
345	100000000	0.006	N/A	N/A	Ejection	N/A	N/A	Ejection
346	100000000	0.006	10.77	0.67	108.4	4.75	116.43	Significantly unstable
347	100000000	0.006	N/A	N/A	Ejection	N/A	N/A	Ejection
348	100000000	0.006	N/A	N/A	Ejection	N/A	N/A	Ejection
349	100000000	0.006	8.07	0.630	87.8	5.65	110.86	Significantly unstable
350	100000000	0.006	176.97	0.980	114.4	5.8	105.48	Ejection

Table 3 *(continued)*

Run	T_{max} (Yrs)	Kick Time (2π yrs)	$i_{9,f}$ ($^\circ$)	$e_{9,f}$	$a_{9,f}$ (AU)	α_{max} (arcsec/yr)	θ_{max} ($^\circ$)	Stability
351	100000000	0.009	7.82	0.887	138.4	5.95	106.54	Significantly unstable
352	100000000	0.009	12.67	3.750	Ejection		N/A	Ejection
353	100000000	0.009	5.77	0.959	489.9	2.5	119.28	Significantly unstable
354	100000000	0.009	23.16	0.304	51.2	3.95	94.84	Stable
355	100000000	0.009	15.65	0.990	2597.4	4.95	103.49	Significantly unstable
356	100000000	0.009	N/A	N/A	Ejection	5.65	103.29	Significantly unstable
357	100000000	0.009	12.96	0.952	553.0	4.35	99.38	Significantly unstable
358	100000000	0.009	N/A	N/A	Ejection	4.15	98.87	Significantly unstable
359	100000000	0.009	N/A	N/A	Ejection	N/A	N/A	Ejection
360	100000000	0.009	N/A	N/A	Ejection	4.4	88.67	Significantly unstable
361	100000000	0.009	N/A	N/A	Ejection	3.05	115.11	Significantly unstable
362	100000000	0.009	2.22	1.000	196085.3	1.4	126.64	Significantly unstable
363	100000000	0.009	57.80	0.951	472.7	Timeout	Timeout	Ejection
364	100000000	0.009	9.42	0.721	112.3	3.65	143.08	Significantly unstable
365	100000000	0.009	N/A	N/A	Ejection	5.7	134.13	Significantly unstable
366	100000000	0.009	2.43	0.99	1563.0	2.75	126.08	Significantly unstable
367	100000000	0.009	N/A	N/A	Ejection	N/A	N/A	Ejection
368	100000000	0.009	N/A	N/A	Ejection	3.85	99.84	Significantly unstable
369	100000000	0.009	5.17	0.880	251.3	5.55	102.87	Significantly unstable
370	100000000	0.009	5.75	0.930	808.5	N/A	N/A	Ejection
371	100000000	0.009	12.77	1.000	8046.4	5.4	94.82	Significantly unstable
372	100000000	0.009	4.41	0.770	147.2	5.95	130.31	Significantly unstable
373	100000000	0.009	16.02	1.000	149387.2	3.95	81.05	Significantly unstable
374	100000000	0.009	7.69	0.920	328.9	5.15	91.49	Significantly unstable
375	100000000	0.009	8.67	0.870	217.5	5.7	109.18	Significantly unstable
376	100000000	0.01	20.40	0.490	75.1	4.35	128.75	Significantly unstable
377	100000000	0.01	16.46	1.000	179586.7	5.9	98.51	Significantly unstable
378	100000000	0.01	N/A	N/A	Ejection	5.35	102.24	Significantly unstable
379	100000000	0.01	10.22	0.997	9093.0	5.45	105.51	Significantly unstable
380	100000000	0.01	1.79	0.967	842.0	4.35	74.96	Slightly unstable
381	100000000	0.012	N/A	N/A	Ejection	1.25	119.58	Significantly unstable
382	100000000	0.012	129.29	0.986	902.0	3	135.25	Significantly unstable
383	100000000	0.012	162.70	2.420	Ejection	N/A	N/A	Ejection
384	100000000	0.012	12.90	1.010	Ejection	N/A	N/A	Ejection
385	100000000	0.012	11.70	1.000	163526.6	3.8	155.18	Ejection
386	100000000	0.012	12.01	0.846	405.0	2.5	110.75	Ejection
387	100000000	0.012	18.13	0.369	63.4	4.9	89.53	Significantly unstable
388	100000000	0.012	N/A	N/A	Ejection	N/A	N/A	Ejection
389	100000000	0.012	4.79	0.997	6733.9	4.65	110.71	Significantly unstable
390	100000000	0.012	25.37	0.844	949.2	N/A	N/A	Ejection
391	100000000	0.012	4.74	0.990	1940.3	5.8	104.41	Significantly unstable
392	100000000	0.012	N/A	N/A	Ejection	5.2	88.56	Significantly unstable
393	100000000	0.012	8.54	0.992	2977.6	4.65	79.69	Significantly unstable
394	100000000	0.012	16.45	0.609	93.6	4.05	107.04	Slightly unstable
395	100000000	0.012	17.73	0.987	1748.3	2.2	117.42	Significantly unstable
396	100000000	0.012	19.12	0.920	303.2	5.85	94.10	Significantly unstable
397	100000000	0.012	1.02	0.950	541.5	N/A	N/A	Ejection
398	100000000	0.012	22.47	0.960	601.1	5.85	86.63	Significantly unstable
399	100000000	0.012	15.17	1.000	4711.8	5.15	98.60	Significantly unstable
400	100000000	0.012	23.80	0.98	699.3	5.3	128.99	Significantly unstable

Table 3 *(continued)*

Run	T_{max} (Yrs)	Kick Time (2π yrs)	$i_{9,f}$ (°)	$e_{9,f}$	$a_{9,f}$ (AU)	α_{max} (arcsec/yr)	θ_{max} (°)	Stability
401	100000000	0.012	N/A	N/A	Ejection	N/A	N/A	Ejection
402	100000000	0.012	N/A	N/A	Ejection	1.9	116.79	Significantly unstable
403	100000000	0.012	17.07	1	14836.6	N/A	N/A	Ejection
404	100000000	0.012	N/A	N/A	Ejection	N/A	N/A	Ejection
405	100000000	0.012	11.92	0.970	846.3	4.65	83.35	Stable
406	100000000	0.015	6.26	0.974	1091.7	4.7	99.73	Significantly unstable
407	100000000	0.015	10.46	0.978	1103.9	5.7	103.55	Significantly unstable
408	100000000	0.015	N/A	N/A	Ejection	3.9	77.68	Significantly unstable
409	100000000	0.015	9.66	0.990	3420.3	5.55	109.15	Slightly unstable
410	100000000	0.015	11.59	0.986	1810.5	3.9	73.17	Slightly unstable
411	100000000	0.015	7.60	0.928	424.4	4.95	112.52	Significantly unstable
412	100000000	0.015	N/A	N/A	Ejection	4.6	101.34	Significantly unstable
413	100000000	0.015	15.54	0.893	295.6	4.35	105.74	Significantly unstable
414	100000000	0.015	15.78	0.991	89227.0	N/A	N/A	Ejection
415	100000000	0.015	N/A	N/A	Ejection	5.65	112.29	Significantly unstable
416	100000000	0.015	N/A	N/A	Ejection	5.1	92.55	Significantly unstable
417	100000000	0.015	6.69	0.942	673.6	4.9	109.21	Significantly unstable
418	100000000	0.015	25.71	0.502	61.0	3.6	134.94	Significantly unstable
419	100000000	0.015	N/A	N/A	Ejection	3.05	73.07	Significantly unstable
420	100000000	0.015	13.98	0.970	899.6	4.65	72.67	Stable
421	100000000	0.015	8.43	0.980	1417.7	5.1	107.98	Ejection
422	100000000	0.015	3.05	0.980	1429.7	2.55	114.95	Significantly unstable
423	100000000	0.015	15.42	0.990	3881.6	3.2	52.39	Significantly unstable
424	100000000	0.015	7.43	0.99	3438.4	5.55	99.57	Significantly unstable
425	100000000	0.015	N/A	N/A	Ejection	4.85	119.85	Ejection
426	100000000	0.015	N/A	N/A	Ejection	N/A	N/A	Ejection
427	100000000	0.015	4.67	0.95	571.8	4.95	91.89	Significantly unstable
428	100000000	0.015	N/A	N/A	Ejection	4.95	109.07	Ejection
429	100000000	0.015	7.66	0.76	128.4	4.2	127.95	Significantly unstable
430	100000000	0.015	N/A	N/A	Ejection	N/A	N/A	Ejection
431	100000000	0.02	N/A	N/A	Ejection	5.6	98.61	Significantly unstable
432	100000000	0.02	25.58	0.880	244.7	4.2	92.75	Significantly unstable
433	100000000	0.02	32.44	0.923	397.5	2.25	130.52	Significantly unstable
434	100000000	0.02	N/A	N/A	Ejection	4.65	82.08	Significantly unstable
435	100000000	0.02	N/A	N/A	Ejection	N/A	N/A	Ejection
436	100000000	0.03	10.10	0.727	1338.0	N/A	N/A	Ejection
437	100000000	0.03	1.16	0.954	660.3	3.75	103.60	Significantly unstable
438	100000000	0.03	2.65	0.993	4201.0	5.9	131.96	Significantly unstable
439	100000000	0.03	N/A	N/A	Ejection	5.75	95.33	Stable
440	100000000	0.03	N/A	N/A	3304.0	5.85	109.10	Slightly unstable
441	100000000	0.04	12.23	0.999	17167.0	3.7	68.83	Slightly unstable
442	100000000	0.04	13.65	0.990	2678.5	5.3	75.92	Stable
443	100000000	0.04	10.61	0.996	8469.9	5.15	102.08	Significantly unstable
444	100000000	0.04	16.59	0.946	556.0	5.75	98.74	Significantly unstable
445	100000000	0.04	24.85	0.959	746.8	4.15	76.57	Significantly unstable
446	100000000	0.05	13.23	0.982	1686.1	4.6	104.96	Significantly unstable
447	100000000	0.05	11.55	0.986	2149.0	5.5	96.18	Significantly unstable
448	100000000	0.05	12.86	0.998	16021.0	3.85	58.57	Stable
449	100000000	0.05	9.88	0.999	21540.6	4.85	98.95	Slightly unstable
450	100000000	0.05	16.37	0.956	726.2	5.35	106.95	Slightly unstable