Star Type Legend

MS	Main Sequence	**ONeWD**	Oxygen Neon White Dwarf
LMMS	Fully convective low mass MS	**NS**	Neutron Star
COWD	Carbon-Oxygen White Dwarf	**BH**	Black Hole
HeWD	Helium White Dwarf		

Initial stars were all main sequence.

			Msun				days		End 1		End 2	
No.	Star1	Star2	M1	M2	q	e	Period	End Time	Type	Mass	Type	Mass
1	MS	MS	1	0.9	0.9	0	1000	13.7 Gyr	COWD	0.676	MS	0.981
2	MS	MS	1.5	1.35	0.9	0	1000	13.7 Gyr	-	-	COWD	0.822
3	MS	MS	2	1.8	0.9	0	1000	13.7 Gyr	COWD	0.897	-	-
4	MS	MS	3	2.7	0.9	0	1000	13.7 Gyr	-	-	COWD	0.941
5	MS	MS	5	4.5	0.9	0	1000	13.7 Gyr	COWD	1.087	-	-
6	MS	MS	8	7.2	0.9	0	1000	13.7 Gyr	NS	1.3	ONeWD	1.327
7	MS	MS	9	8.1	0.9	0	1000	13.7 Gyr	-	-	-	-
8	MS	MS	10	9	0.9	0	1000	13.7 Gyr	NS	1.38	-	-
9	MS	MS	12	10.8	0.9	0	1000	13.7 Gyr	NS	1.38	-	-
10	MS	MS	20	18	0.9	0	1000	13.7 Gyr	NS	1.62	NS	1.594
11	MS	MS	30	27	0.9	0	1000	13.7 Gyr	BH	8.622	BH	1.807
12	MS	MS	1	0.3	0.3	0	1000	13.7 Gyr	COWD	0.545	LMMS	0.308
13	MS	MS	1.5	0.45	0.3	0	1000	13.7 Gyr	COWD	0.564	LMMS	0.451
14	MS	MS	2	0.6	0.3	0	1000	13.7 Gyr	COWD	0.601	LMMS	0.602
15	MS	MS	3	0.9	0.3	0	1000	13.7 Gyr	COWD	0.701	MS	0.903
16	MS	MS	5	1.5	0.3	0	1000	13.7 Gyr	COWD	1.005	-	-
17	MS	MS	8	2.4	0.3	0	1000	13.7 Gyr	NS	1.38	-	-
18	MS	MS	9	2.7	0.3	0	1000	13.7 Gyr	NS	1.3	-	-
19	MS	MS	10	3	0.3	0	1000	13.7 Gyr	NS	1.3	-	-
20	MS	MS	12	3.6	0.3	0	1000	13.7 Gyr	NS	1.317	-	-
21	MS	MS	20	6	0.3	0	1000	13.7 Gyr	NS	1.636	-	-
22	MS	MS	30	9	0.3	0	1000	13.7 Gyr	NS	1.583	NS	1.317
23	MS	MS	50	15	0.3	0	1000	13.7 Gyr	NS	1.78	NS	1.498
24	MS	MS	60	18	0.3	0	1000	13.7 Gyr	BH	1.849	NS	1.574
25	MS	MS	1	0.9	0.9	0.7	1000	13.7 Gyr	HeWD	0.417	MS	0.911

26	MS	MS	1.5	1.35	0.9	0.7	1000	13.7 Gyr	-	-	-	-
27	MS	MS	2	1.8	0.9	0.7	1000	13.7 Gyr	-	-	COWD	0.783
28	MS	MS	3	2.7	0.9	0.7	1000	13.7 Gyr	COWD	0.764	-	-
29	MS	MS	5	4.5	0.9	0.7	1000	13.7 Gyr	COWD	1.004	-	-
30	MS	MS	8	7.2	0.9	0.7	1000	13.7 Gyr	NS	1.294	-	-
31	MS	MS	9	8.1	0.9	0.7	1000	13.7 Gyr	NS	1.316	-	-
32	MS	MS	10	9	0.9	0.7	1000	13.7 Gyr	NS	1.341	-	-
33	MS	MS	12	10.8	0.9	0.7	1000	13.7 Gyr	NS	1.393	-	-
34	MS	MS	20	18	0.9	0.7	1000	13.7 Gyr	NS	1.636	-	-
35	MS	MS	30	27	0.9	0.7	1000	13.7 Gyr	BH	1.846	-	-
36	MS	MS	1	0.3	0.3	0.7	1000	13.7 Gyr	HeWD	0.422	LMMS	0.302
37	MS	MS	1.5	0.45	0.3	0.7	1000	13.7 Gyr	COWD	0.709	-	-
38	MS	MS	2	0.6	0.3	0.7	1000	13.7 Gyr	COWD	0.62	-	-
39	MS	MS	3	0.9	0.3	0.7	1000	13.7 Gyr	COWD	0.723	-	-
40	MS	MS	5	1.5	0.3	0.7	1000	13.7 Gyr	COWD	1.003	-	-
41	MS	MS	8	2.4	0.3	0.7	1000	13.7 Gyr	NS	1.294	-	-
42	MS	MS	9	2.7	0.3	0.7	1000	13.7 Gyr	NS	1.316	-	-
43	MS	MS	10	3	0.3	0.7	1000	13.7 Gyr	NS	1.341	-	-
44	MS	MS	12	3.6	0.3	0.7	1000	13.7 Gyr	NS	1.393	-	-
45	MS	MS	20	6	0.3	0.7	1000	13.7 Gyr	NS	1.636	-	-
46	MS	MS	30	9	0.3	0.7	1000	13.7 Gyr	BH	1.872	-	-
47	MS	MS	50	15	0.3	0.7	1000	13.7 Gyr	NS	1.78	NS	1.51
48	MS	MS	60	18	0.3	0.7	1000	13.7 Gyr	BH	1.849	NS	1.581

No.	Initial stars were all main sequence. Star1	Star2	Msun M1	M2	q	e	Massive Isotope	Lifetime (in MYR) of various phases Symbiotic	TP AGB	Blue Straggler Star 1	Star 2	If NS-NS, BH-BH pair, formation time:
1	MS	MS	1	0.9	0.9	0	Ge74	0	2.7	0	0.1	-
2	MS	MS	1.5	1.35	0.9	0	W186	0	1.3	0	0	-
3	MS	MS	2	1.8	0.9	0	Ge74	0	2	0	0	-
4	MS	MS	3	2.7	0.9	0	W188	0.5	0.28	0	0	-
5	MS	MS	5	4.5	0.9	0	Hf182	0	5	0	0	-
6	MS	MS	8	7.2	0.9	0	Hf180	6	0.2	0	0.0004	-
7	MS	MS	9	8.1	0.9	0	Ge74	0	0	0	0	-
8	MS	MS	10	9	0.9	0	Ge74	0	0	0	0	-
9	MS	MS	12	10.8	0.9	0	Ge74	0	0	0	0	-
10	MS	MS	20	18	0.9	0	Ge74	0.1	0	0.01	1	-
11	MS	MS	30	27	0.9	0	Ge74	0	0	0.3	0.7	-
12	MS	MS	1	0.3	0.3	0	Ge74	0	2	0	0	-
13	MS	MS	1.5	0.45	0.3	0	Ge74	0	1.1	0	0	-
14	MS	MS	2	0.6	0.3	0	Ge74	0	1.2	0	0	-
15	MS	MS	3	0.9	0.3	0	W186	0	0.2	0	0	-
16	MS	MS	5	1.5	0.3	0	Hf182	0	0.2	0	0	-
17	MS	MS	8	2.4	0.3	0	Ge74	0	0	0	0	-
18	MS	MS	9	2.7	0.3	0	Ge74	0	0	0	0	-
19	MS	MS	10	3	0.3	0	Ge74	0	0	0	0	-
20	MS	MS	12	3.6	0.3	0	Ge74	0	0	0	0	-
21	MS	MS	20	6	0.3	0	Ge74	0	0	0	0	-
22	MS	MS	30	9	0.3	0	Ge74	0.1	0	0	0	33.6
23	MS	MS	50	15	0.3	0	Ge74	0	0	0	0	13.9
24	MS	MS	60	18	0.3	0	Ge74	0	0	0	0	11.2
25	MS	MS	1	0.9	0.9	0.7	Ge74	0	0	0	0	-

26	MS	MS	1.5	1.35	0.9	0.7	Ge74	0	0	0	0	-
27	MS	MS	2	1.8	0.9	0.7	W188	0	0.4	0	0	-
28	MS	MS	3	2.7	0.9	0.7	W188	0	1.3	0	0	-
29	MS	MS	5	4.5	0.9	0.7	Hf182	0	0.2	0	0	-
30	MS	MS	8	7.2	0.9	0.7	Ge74	0	0	0	0	-
31	MS	MS	9	8.1	0.9	0.7	Ge74	0	0	0	0	-
32	MS	MS	10	9	0.9	0.7	Ge74	0	0	0	0	-
33	MS	MS	12	10.8	0.9	0.7	Ge74	0	0	0	0	-
34	MS	MS	20	18	0.9	0.7	Ge74	0	0	0	0	-
35	MS	MS	30	27	0.9	0.7	Ge74	0	0	0	0	-
36	MS	MS	1	0.3	0.3	0.7	Ge74	0	0	0	0	-
37	MS	MS	1.5	0.45	0.3	0.7	Ge74	0	0.2	0	0	-
38	MS	MS	2	0.6	0.3	0.7	Ge74	0	1.4	0	0	-
39	MS	MS	3	0.9	0.3	0.7	W188	0	0.4	0	0	-
40	MS	MS	5	1.5	0.3	0.7	Ta184	0	0.2	0	0	-
41	MS	MS	8	2.4	0.3	0.7	Ge74	0	0	0	0	-
42	MS	MS	9	2.7	0.3	0.7	Ge74	0	0	0	0	-
43	MS	MS	10	3	0.3	0.7	Ge74	0	0	0	0	-
44	MS	MS	12	3.6	0.3	0.7	Ge74	0	0	0	0	-
45	MS	MS	20	6	0.3	0.7	Ge74	0	0	0	0	-
46	MS	MS	30	9	0.3	0.7	Ge74	0	0	0	0	-
47	MS	MS	50	15	0.3	0.7	Ge74	0	0	0.2	0	13.5
48	MS	MS	60	18	0.3	0.7	Ge74	0	0	0	0	11.1