

**Mass (Msun) Mass (Mjup) Mass (g) Log10(Age in yrs) Age (yrs) Log10(L/Lsun)**

|       |              |          |     |          |      |
|-------|--------------|----------|-----|----------|------|
|       |              |          | 6.5 | 3.16E+06 | -3.5 |
| 0.009 | 9.4313350508 | 1.79E+31 | 7.5 | 3.16E+07 | -4.6 |
|       |              |          | 8.5 | 3.16E+08 | -5   |
|       |              |          | 6.5 | 3.16E+06 | -4.4 |
| 0.003 | 3.1437783503 | 5.97E+30 | 7.5 | 3.16E+07 |      |
|       |              |          | 8.5 | 3.16E+08 |      |
|       |              |          | 6.5 | 3.16E+06 | -5.2 |
| 0.001 | 1.0479261168 | 1.99E+30 | 7.5 | 3.16E+07 | -6.4 |
|       |              |          | 8.5 | 3.16E+08 | -8   |

| <u>L (erg/s)</u> | <u>Teff (K)</u> | <u>File</u> | <u>Record Number</u> | <u>No heating</u> |
|------------------|-----------------|-------------|----------------------|-------------------|
| 1.23E+30         | 1900            | 10MjNF.mod  | 34                   | May 9 2013, v4    |
| 9.80E+28         | 1100            | 10MjNF.mod  | 41                   | May 9 2013, v3    |
| 3.90E+28         | 800             | 10MjNF.mod  | 43                   | May 9 2013, v2    |
| 1.55E+29         | 1100            | 2_8MjNF.mod | 6                    | May 9 2013, v5    |
| 2.46E+28         | 650             | 1MjNF.mod   | 14                   | May 9 2013, v1    |
| 1.55E+27         | 350             | 1MjNF.mod   | 21                   | May 9 2013, v6    |
| 3.90E+25         | 100             | 1MjNF.mod   | 25                   | May 9 2013, v7    |

**Heating efac = 1.0**

| <b><u>Tkozai = 1e7 yrs</u></b> | <b><u>Tkozai = 1e6 yrs</u></b> | <b><u>Tkozai = 1e5 yrs</u></b> | <b><u>Tkozai = 1e7 yrs</u></b> |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| May 8 2013, v6                 | May 9 2013, v10                | May 9 2013, v19                | May10 2013, v5                 |
| May 8 2013, v5                 | May 9 2013, v9                 | May 9 2013, v20                | May 10 2013, v6                |
| May 8 2013, v4                 | May 9 2013, v8                 | May 9 2013, v21                | May 10 2013, v7                |
| May 8 2013, v7                 | May 9 2013, v11                | May 9 2013, v18                | May 10 2013, v4                |
| May 8 2013, v1                 | May 9 2013, v12                | May 9 2013, v15                | May 10 2013, v1                |
| May 8 2013, v3                 | May 9 2013, v14                | May 9 2013, v16                | May 10 2013, v2                |
| May 8 2013, v2                 | May 9 2013, v13                | May 9 2013, v17                | May 10 2013, v3                |

**Heating efac = 10.0**

**Tkozai = 1e6 yrs**

**Tkozai = 1e5 yrs**

**Const time-avg energy input**

May 10 2013, v12

May 10 2013, v19

May 10 2013, v13

May 10 2013, v20

May 10 2013, v14

May 10 2013, v21

May 10 2013, v11

May 10 2013, v18

May 10 2013, v8

May 10 2013, v15

May 10 2013, v9

May 10 2013, v16

May 15 2013, v4

May 10 2013, v10

May 10 2013, v17