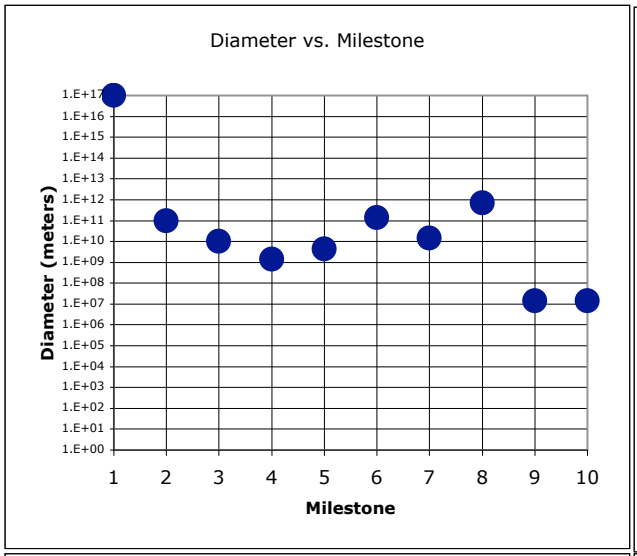
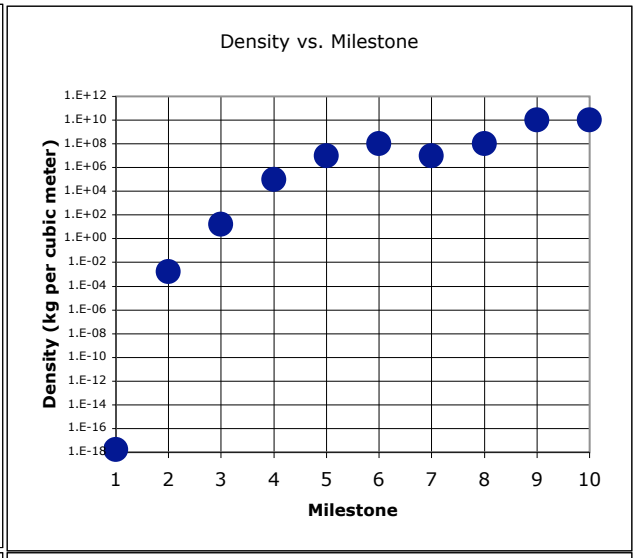
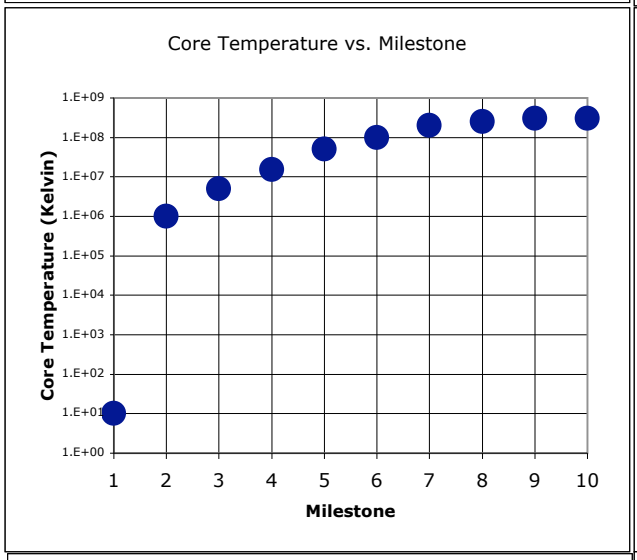
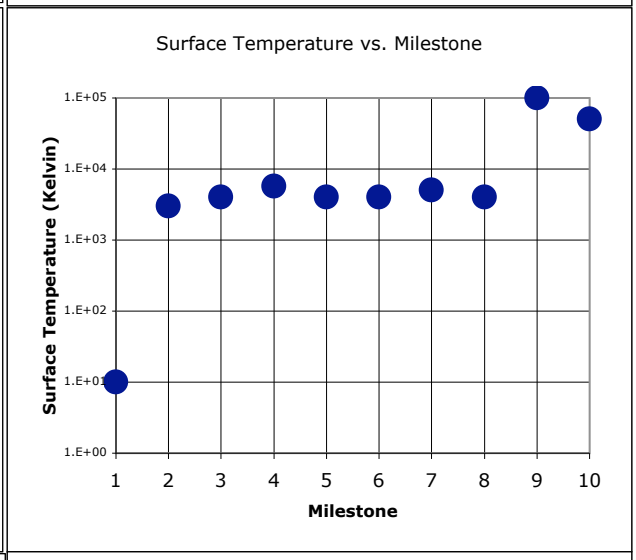
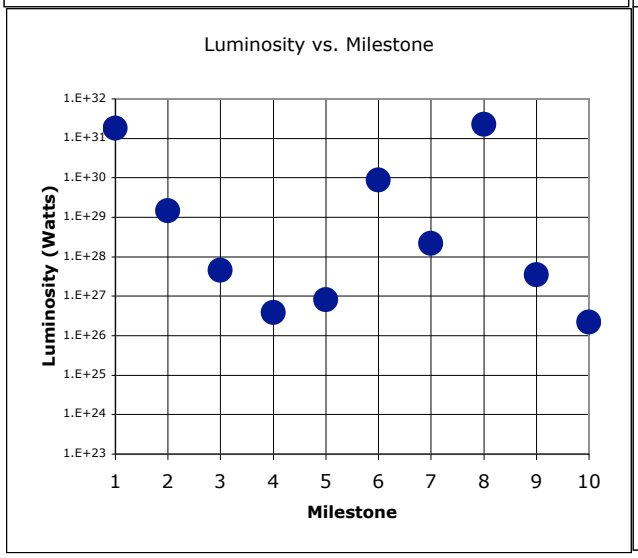
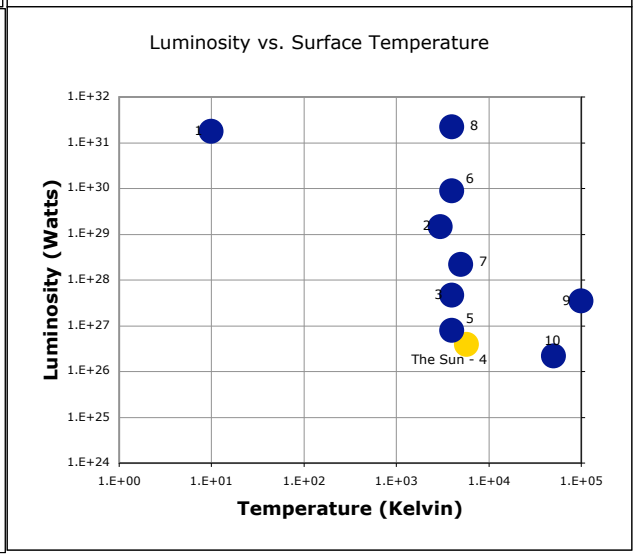

Diameter vs. Milestone
Diameter (meters)
1.E+17
1.E+16
1.E+15
1.E+14
1.E+13
1.E+12
1.E+11
1.E+10
1.E+09
1.E+08
1.E+07
1.E+06
1.E+05
1.E+04
1.E+03
1.E+02
1.E+01
1.E+00
1 2 3 4 5 6 7 8 9 10
Milestone


Density vs. Milestone
Density (kg per cubic meter)
1.E+12
1.E+10
1.E+08
1.E+06
1.E+04
1.E+02
1.E+00
1.E-02
1.E-04
1.E-06
1.E-08
1.E-10
1.E-12
1.E-14
1.E-16
1.E-18
1 2 3 4 5 6 7 8 9 10
Milestone


Core Temperature vs. Milestone
Core Temperature (Kelvin)
1.E+09
1.E+08
1.E+07
1.E+06
1.E+05
1.E+04
1.E+03
1.E+02
1.E+01
1.E+00
1 2 3 4 5 6 7 8 9 10
Milestone


Surface Temperature vs. Milestone
Surface Temperature (Kelvin)
1.E+05
1.E+04
1.E+03
1.E+02
1.E+01
1.E+00
1 2 3 4 5 6 7 8 9 10
Milestone


Luminosity vs. Milestone
Luminosity (Watts)
1.E+32
1.E+31
1.E+30
1.E+29
1.E+28
1.E+27
1.E+26
1.E+25
1.E+24
1.E+23
1 2 3 4 5 6 7 8 9 10
Milestone


Luminosity vs. Surface Temperature
Luminosity (Watts)
1.E+32
1.E+31
1.E+30
1.E+29
1.E+28
1.E+27
1.E+26
1.E+25
1.E+24
1
8
6
2
7
3
9
5
10
The Sun - 4
1.E+00 1.E+01 1.E+02 1.E+03 1.E+04 1.E+05
Temperature (Kelvin)