E2 I alpha beta gamma RI qI

[10000 100000 10 500 0 0.3 0 0.1 0 0.1 -1.251 0.0688 -0.02533 0.03754]

[481.06 6.218 0.304 4.0628 1.35 0.897]

[26807 340.4 3.4 4.64 1.66 1.047 0.987]

[86864 267.672 2.655 0.334 1.90 -2.948 0.5112]

[27333 210.84 0.4 0.18742 0.31738 -1.14795 -0.014916]