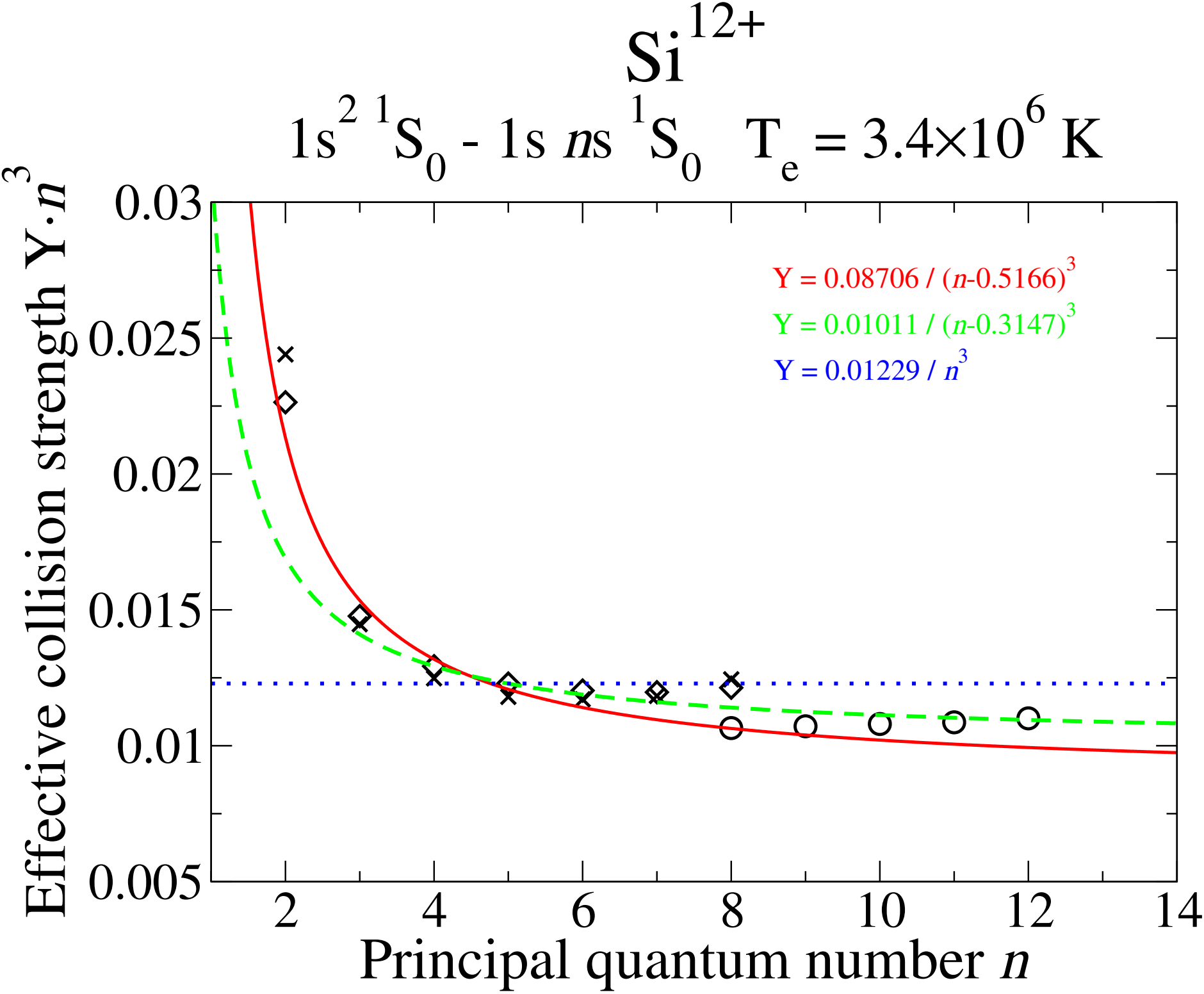
Si 12+
1s2 1S0 - 1s ns 1S0 Te = 3.4×10^6 K
Y = 0.08706 / (n-0.5166)^3
Y = 0.01011 / (n-0.3147)^3
Y = 0.01229 / n^3
Effective collision strength Y·n^3
Principal quantum number n
0.03
0.025
0.02
0.015
0.01
0.005
2
4
6
8
10
12
14