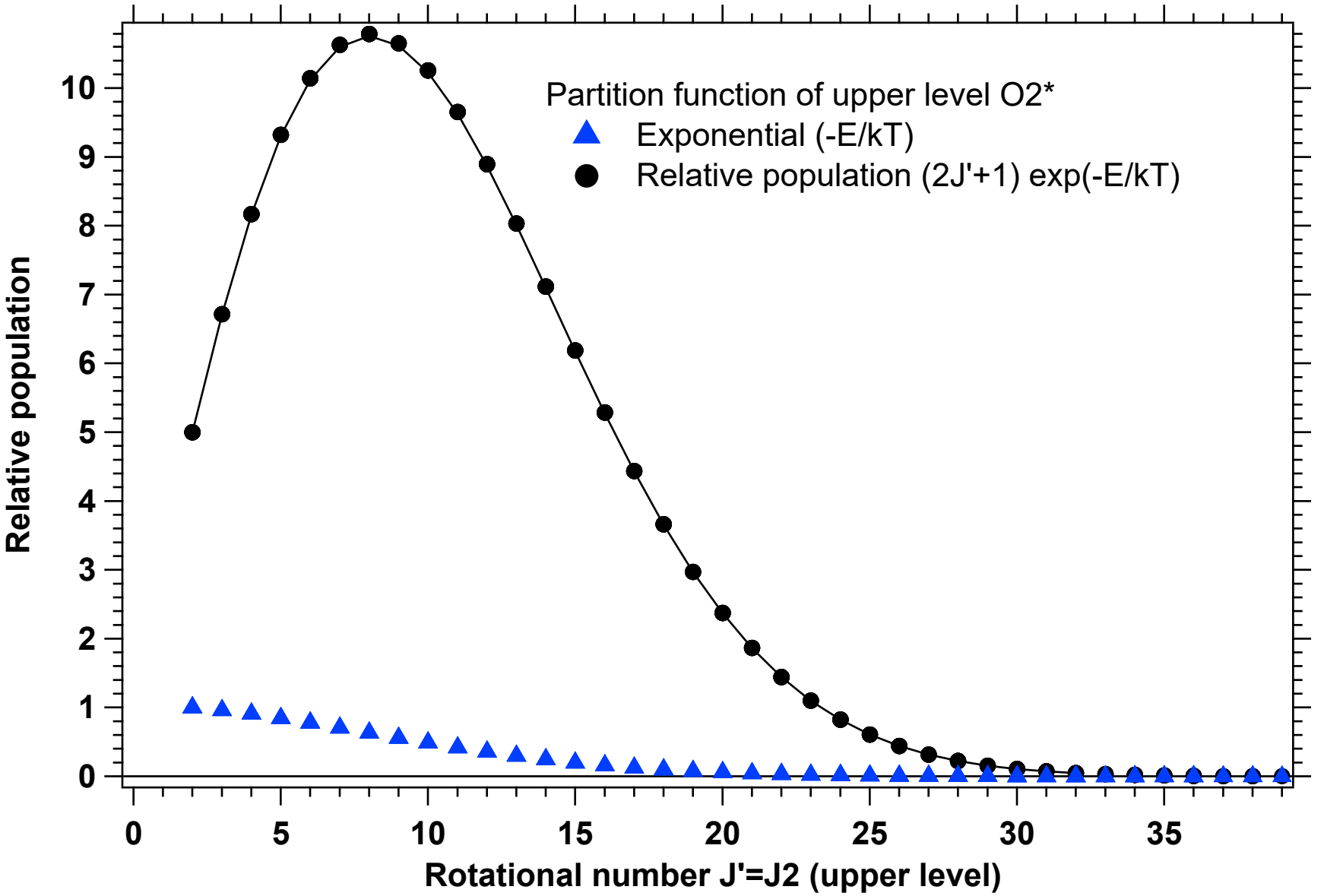
Partition function of upper level O2*
Exponential (-E/kT)
Relative population (2J'+1) exp(-E/kT)
Relative population
Rotational number J'=J2 (upper level)
0
1
2
3
4
5
6
7
8
9
10
0
5
10
15
20
25
30
35