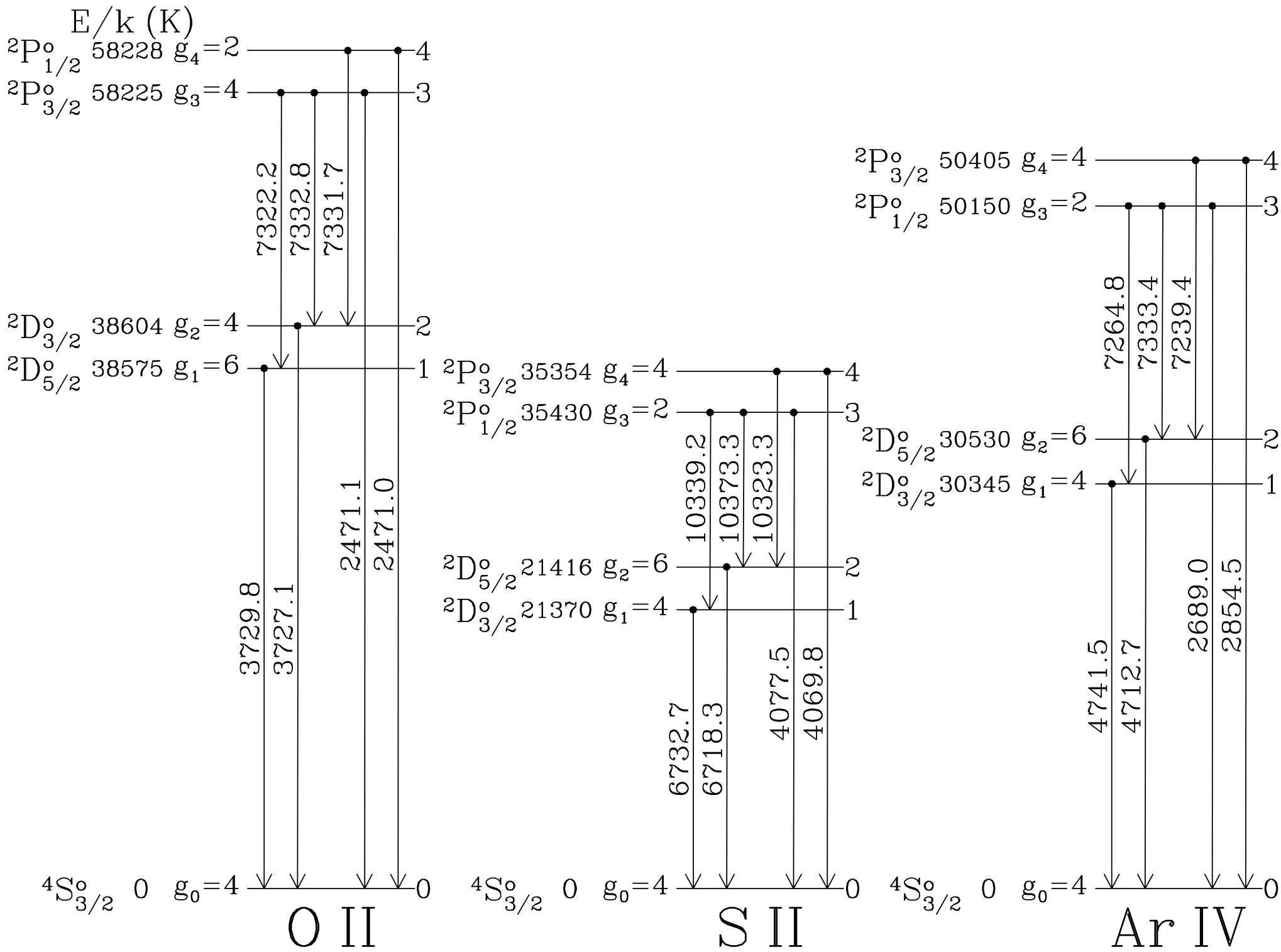
E/k (K)
$^2P^o_{1/2}$ 58228 g_4=2
$^2P^o_{3/2}$ 58225 g_3=4
$^2D^o_{3/2}$ 38604 g_2=4
$^2D^o_{5/2}$ 38575 g_1=6
$^4S^o_{3/2}$ 0 g_0=4
4
3
2
1
0
7322.2
7332.8
7331.7
2471.1
2471.0
3729.8
3727.1
O II
$^2P^o_{3/2}$ 35354 g_4=4
$^2P^o_{1/2}$ 35430 g_3=2
$^2D^o_{5/2}$ 21416 g_2=6
$^2D^o_{3/2}$ 21370 g_1=4
$^4S^o_{3/2}$ 0 g_0=4
4
3
2
1
0
10339.2
10373.3
10323.3
6732.7
6718.3
4077.5
4069.8
S II
$^2P^o_{3/2}$ 50405 g_4=4
$^2P^o_{1/2}$ 50150 g_3=2
$^2D^o_{5/2}$ 30530 g_2=6
$^2D^o_{3/2}$ 30345 g_1=4
$^4S^o_{3/2}$ 0 g_0=4
4
3
2
1
0
7264.8
7333.4
7239.4
4741.5
4712.7
2689.0
2854.5
Ar IV