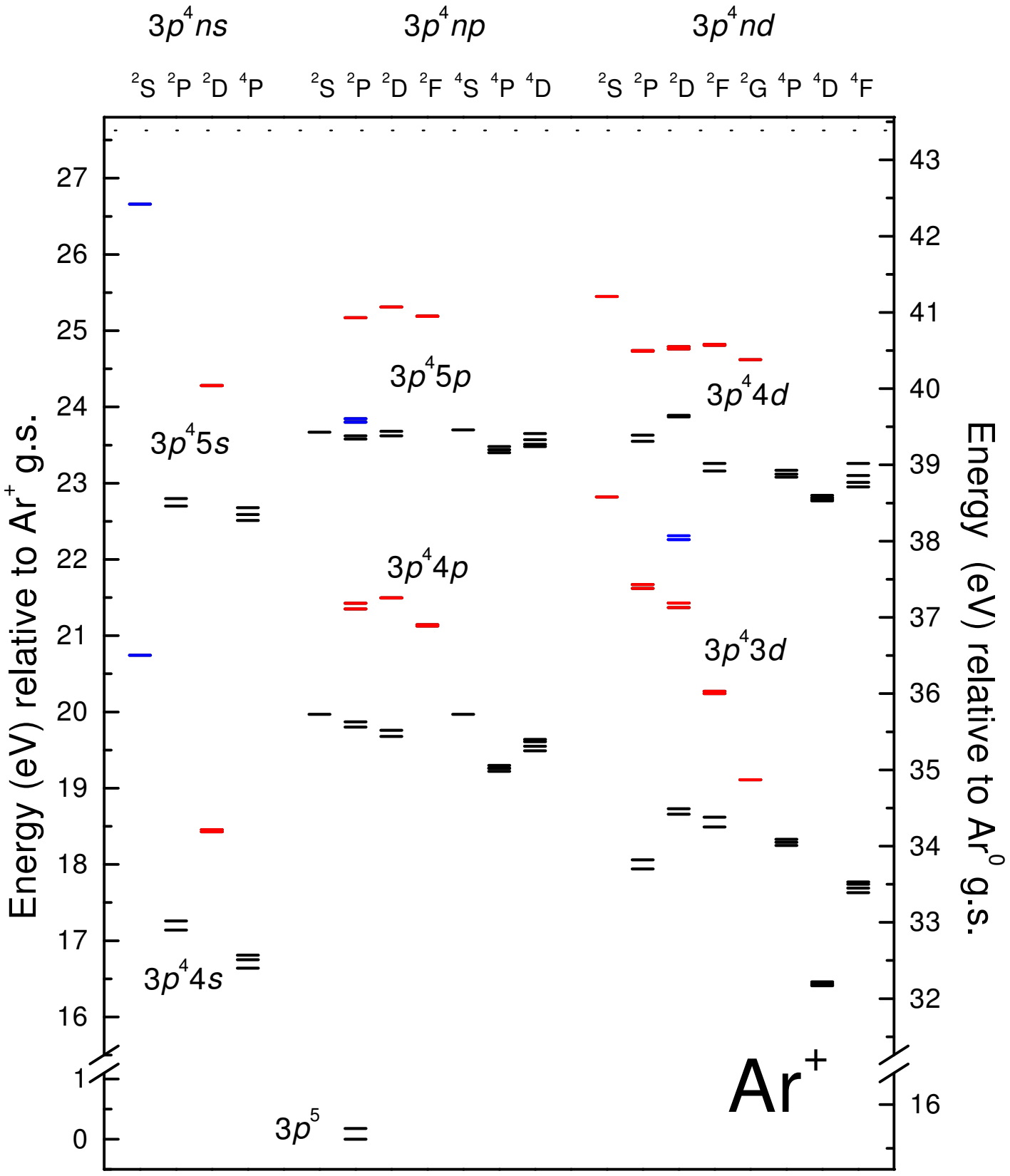
3p4ns
3p4np
3p4nd
2S 2P 2D 4P
2S 2P 2D 2F 4S 4P 4D
2S 2P 2D 2F 2G 4P 4D 4F
3p45s
3p44s
3p45p
3p44p
3p44d
3p43d
3p5
Ar+
Energy (eV) relative to Ar+ g.s.
Energy (eV) relative to Ar0 g.s.
3P Ar++ core, 3p4nl
1D ion core, 3p4nl'
1S ion core, 3p4nl''