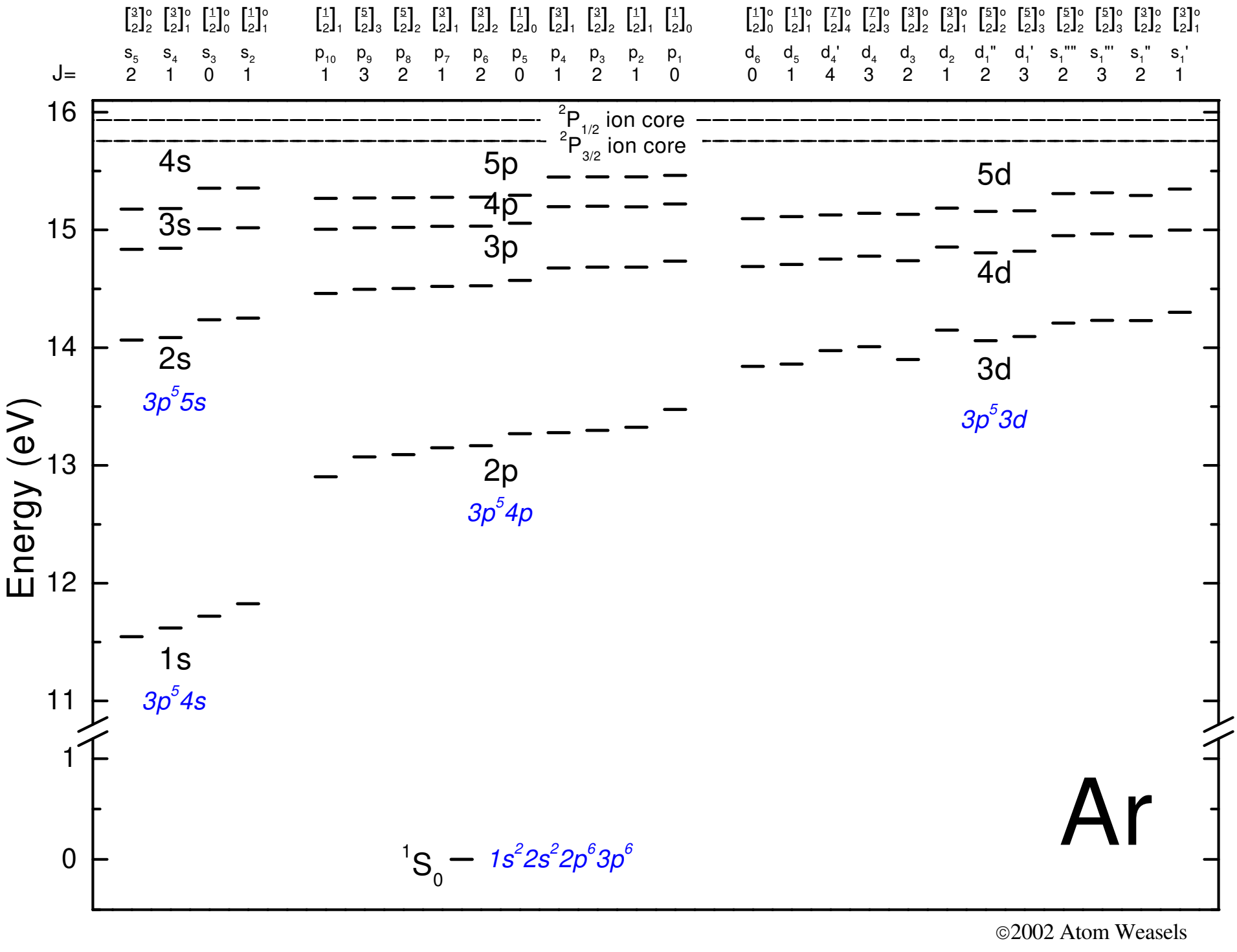
J=
Energy (eV)
16
15
14
13
12
11
1
0
$^2P_{1/2}$ ion core
$^2P_{3/2}$ ion core
4s
3s
2s
1s
$3p^5 5s$
$3p^5 4s$
5p
4p
3p
2p
$3p^5 4p$
5d
4d
3d
$3p^5 3d$
$^1S_0$ — $1s^2 2s^2 2p^6 3p^6$
Ar
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