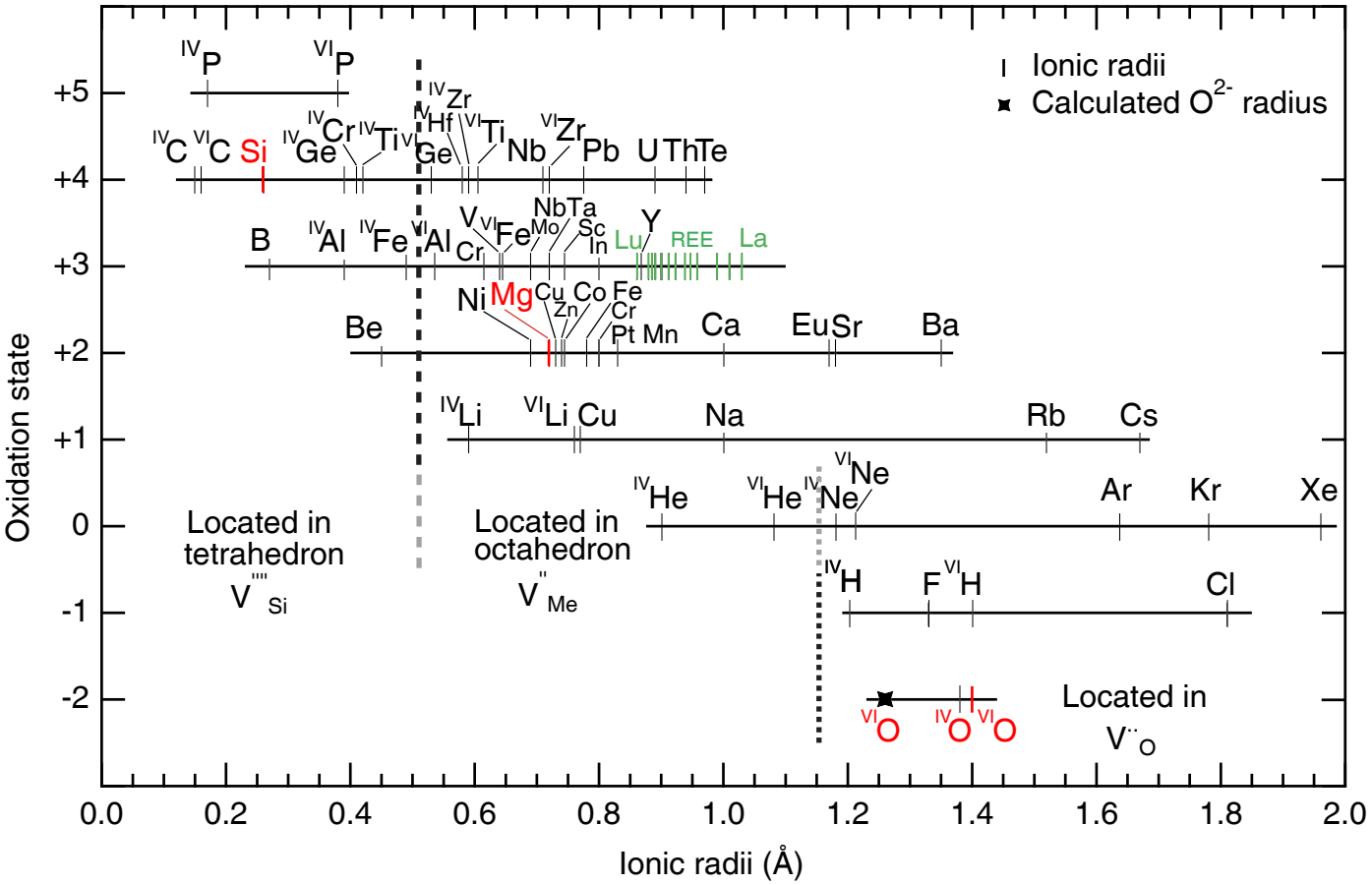
Ionic radii
Calculated O2- radius
Oxidation state
Ionic radii (Å)
+5
+4
+3
+2
+1
0
-1
-2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
IVP
VIP
IVC
VIC
Si
IVGe
IVCr
IVTi
IVZr
VHf
VIGe
VITi
Nb
VIZr
Pb
U
Th
Te
B
IVAl
IVFe
VIAl
Cr
V
VIFe
Mo
Nb
Ta
Sc
In
Lu
Y
REE
La
Ni
Mg
Cu
Zn
Co
Fe
Cr
Pt
Mn
Be
Ca
Eu
Sr
Ba
IVLi
VILi
Cu
Na
Rb
Cs
IVHe
VIHe
IVNe
VINe
Ar
Kr
Xe
IVH
F
VIH
Cl
VIO
IVO
VIO
Located in tetrahedron
V''' Si
Located in octahedron
V'' Me
Located in
V·· O