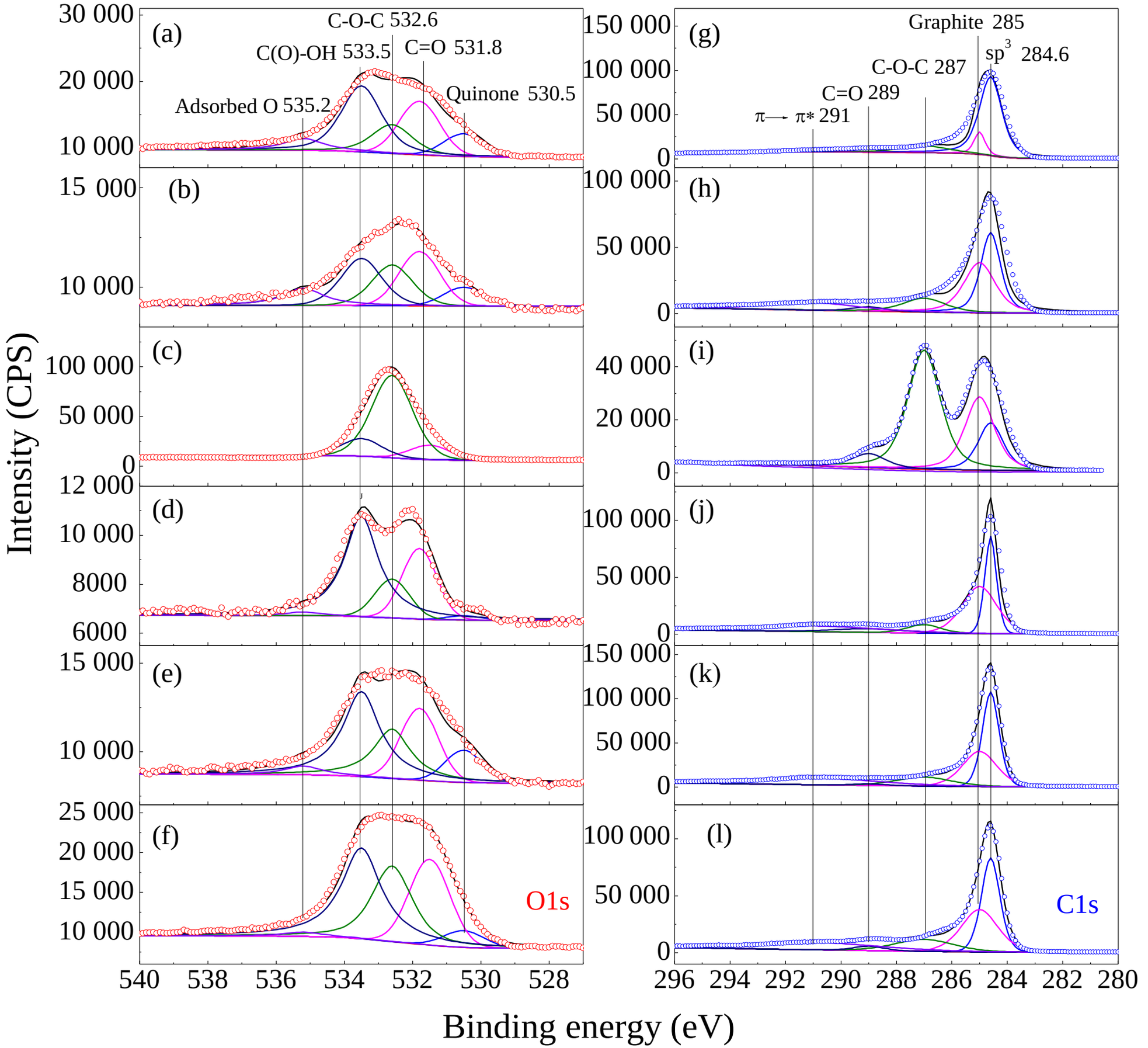
(a)
C-O-C 532.6
C(O)-OH 533.5
C=O 531.8
Adsorbed O 535.2
Quinone 530.5
(b)
(c)
(d)
(e)
(f)
O1s
(g)
Graphite 285
sp3 284.6
C-O-C 287
C=O 289
π→ π* 291
(h)
(i)
(j)
(k)
(l)
C1s
Intensity (CPS)
Binding energy (eV)