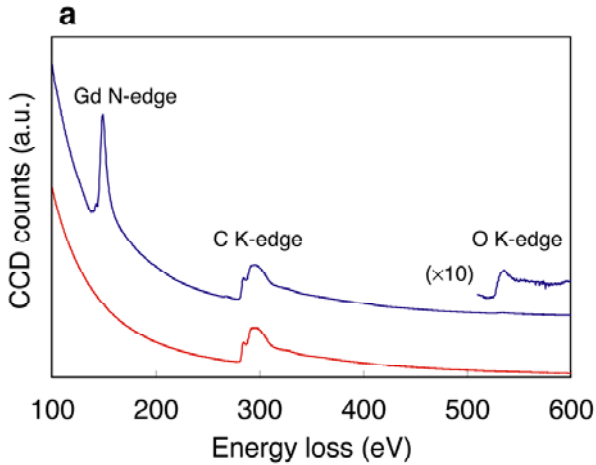
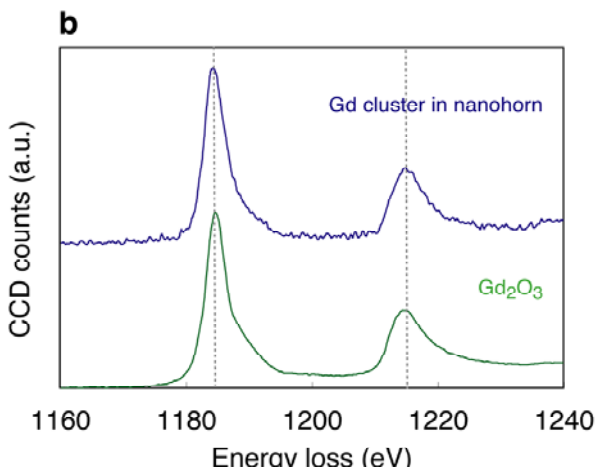

a
Gd N-edge
C K-edge
O K-edge
(×10)
CCD counts (a.u.)
100
200
300
400
500
600
Energy loss (eV)


b
Gd cluster in nanohorn
Gd_2O_3
CCD counts (a.u.)
1160
1180
1200
1220
1240
Energy loss (eV)