Binding Energy  $E_B$  [eV] 1000 800 600 200 5000 4000 O Auger shady peaks X1 Intensity [1] O 1s Sm Auger 2000 (Sm 4s) 1000 Sm 4d Sm  $|4p_{3/2}|$ Sm V

Kinetic Energy  $E_{\rm kin}$  [eV]

800

1000

1200

600

400

200