Binding Energy  $E_B$  [eV] 15. 20. 10. 25. 200 150 Sm 5p Sm 4f (3.2±1.0) eV (19.6±1.0) eV Intensity [1] 50 1450 1470 1480 1460 1490 1500 Kinetic Energy  $E_{\rm kin}$  [eV]