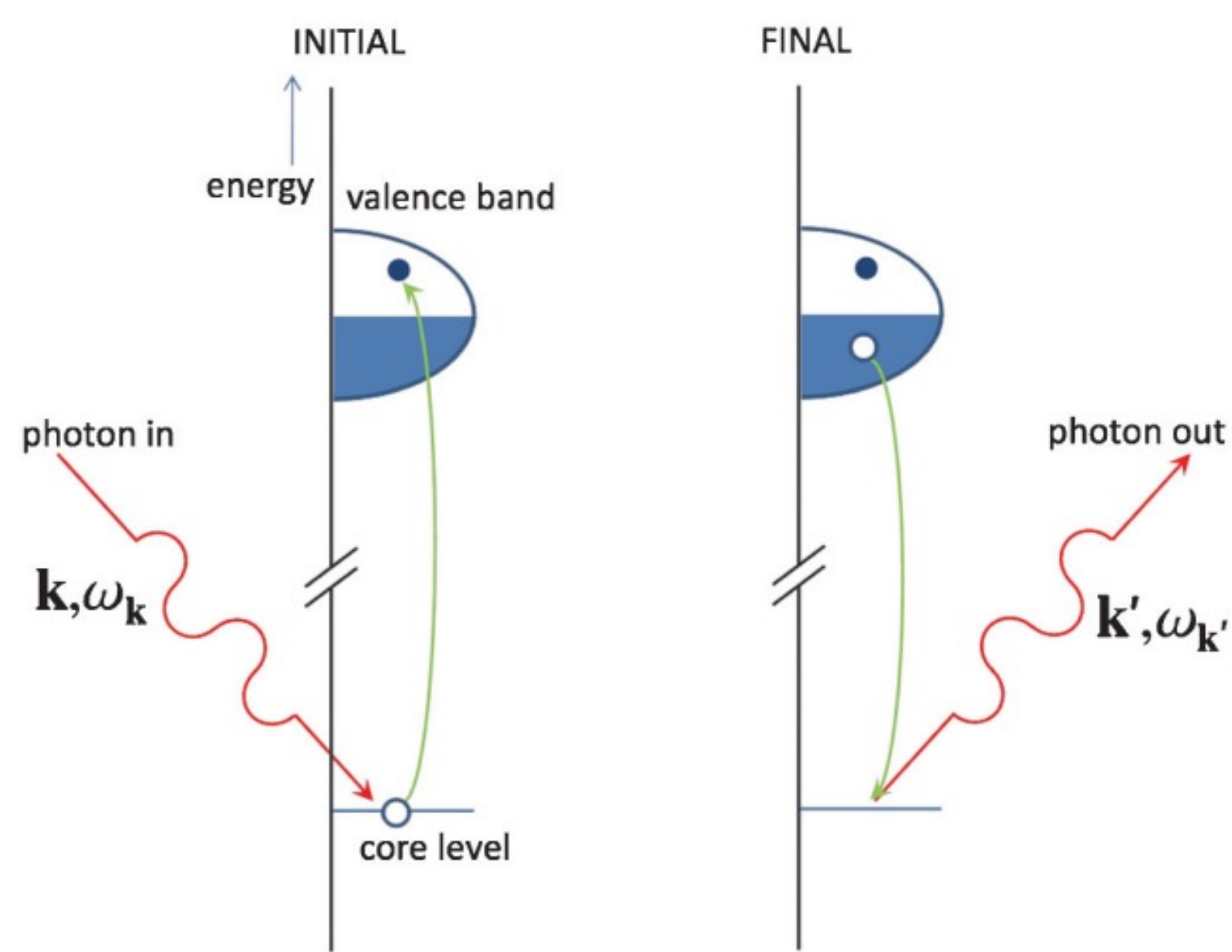


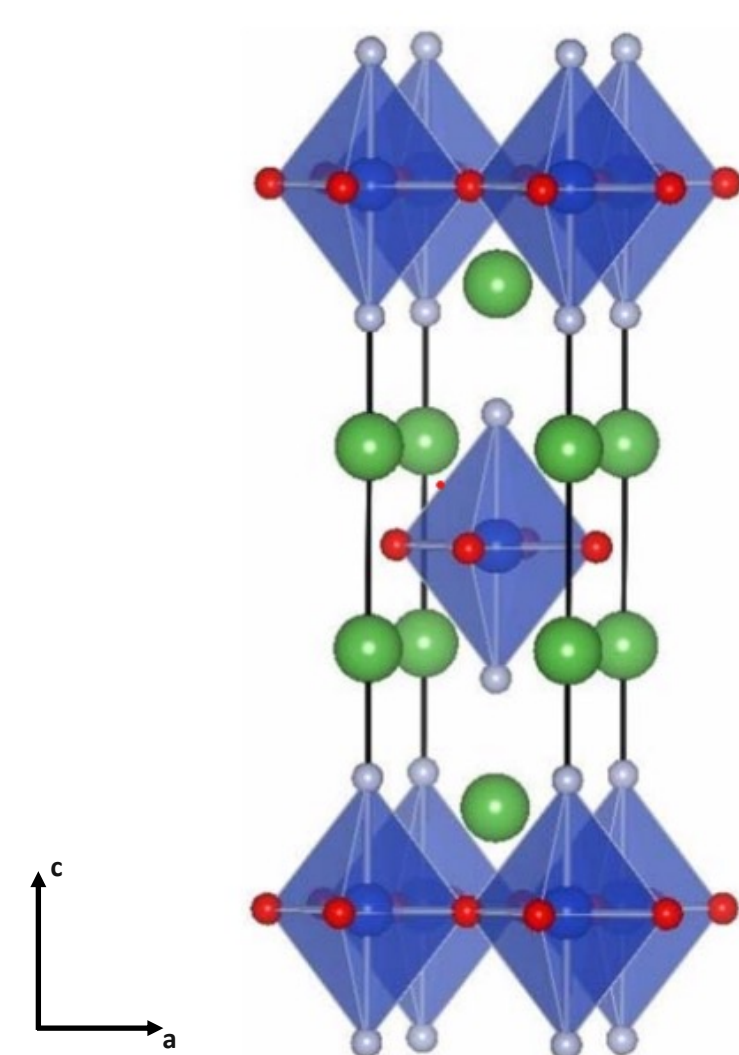
RIXS – Resonant Inelastic X-ray Scattering

Resonant Inelastic Scattering process

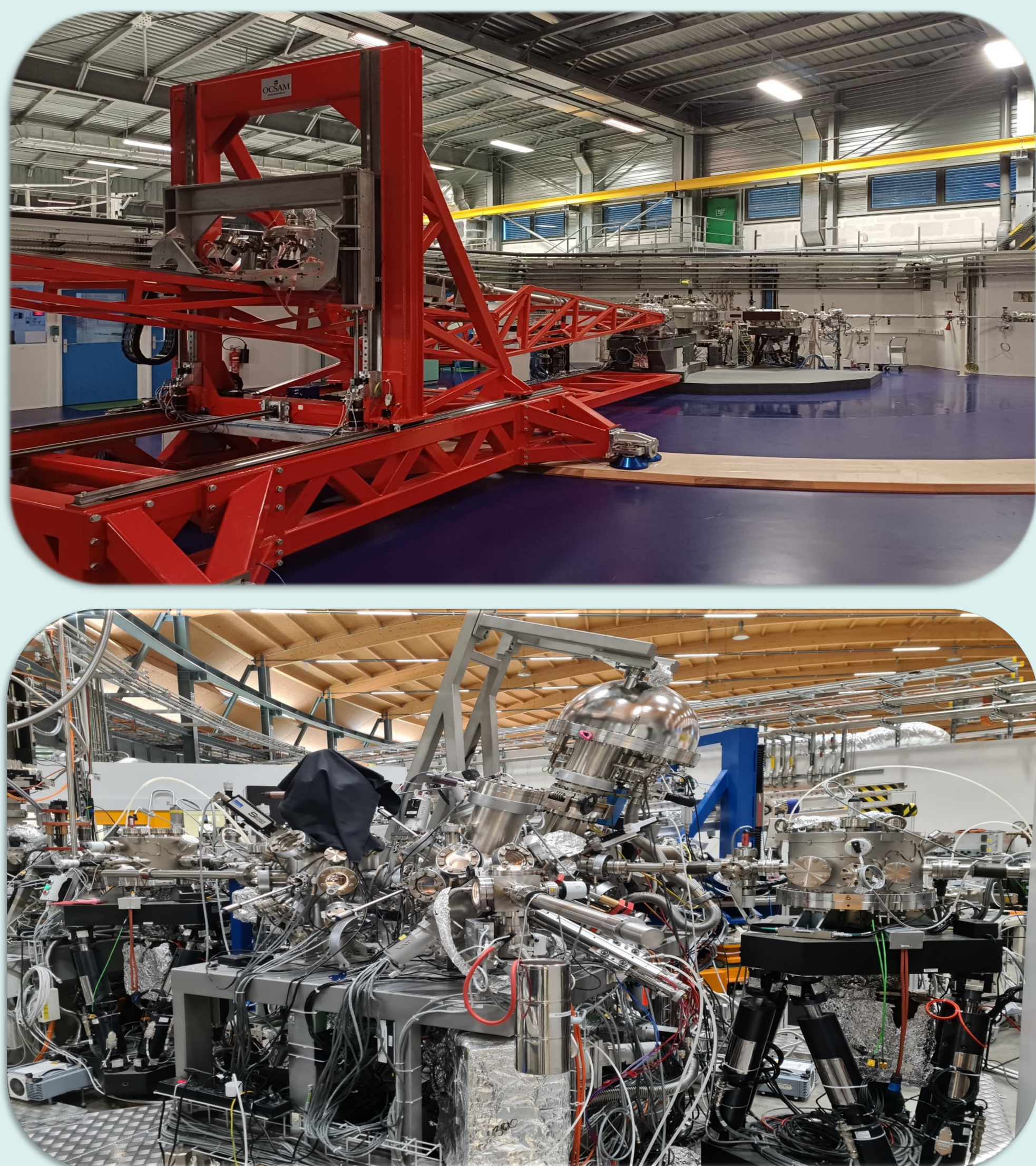
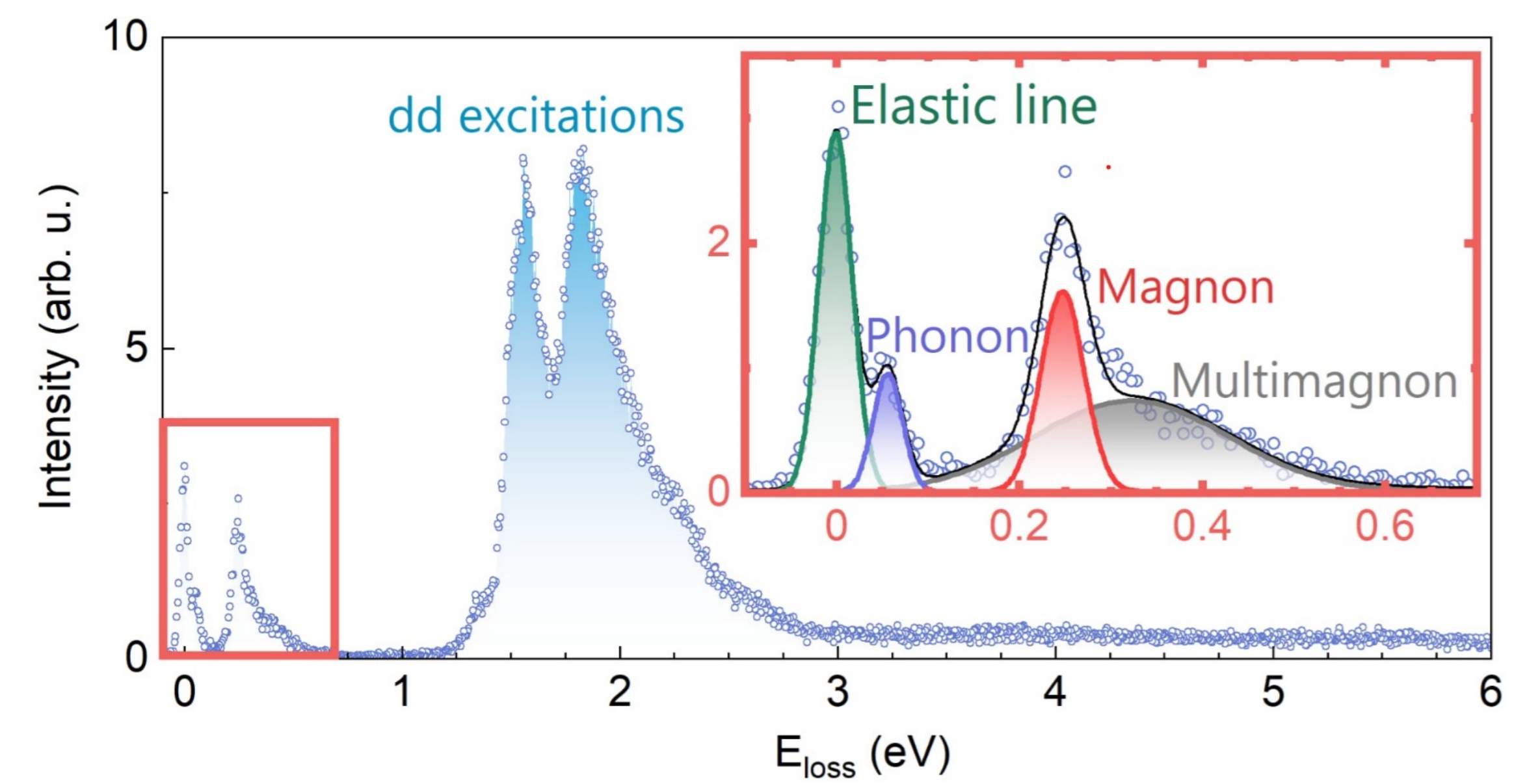


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Cuprate superconductors

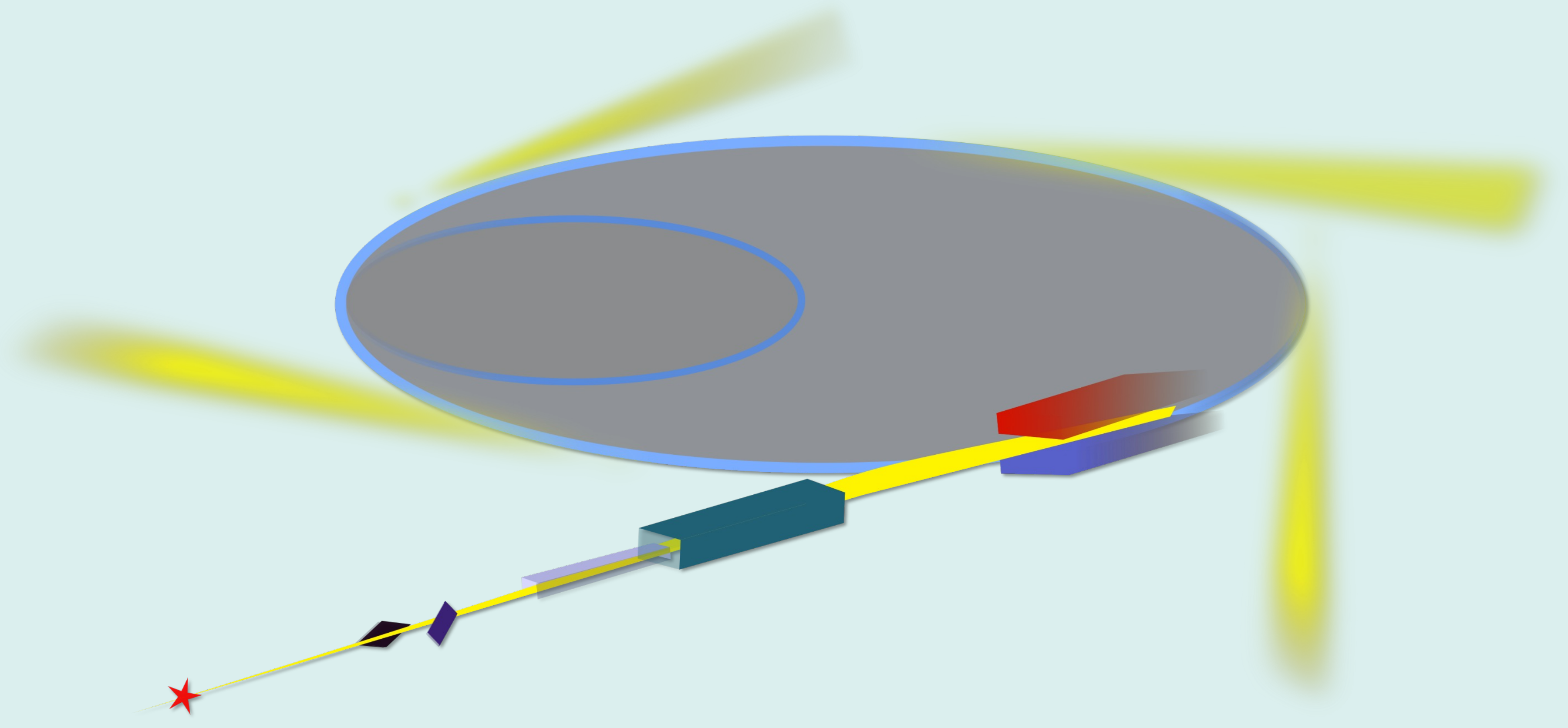


RIXS energy spectrum



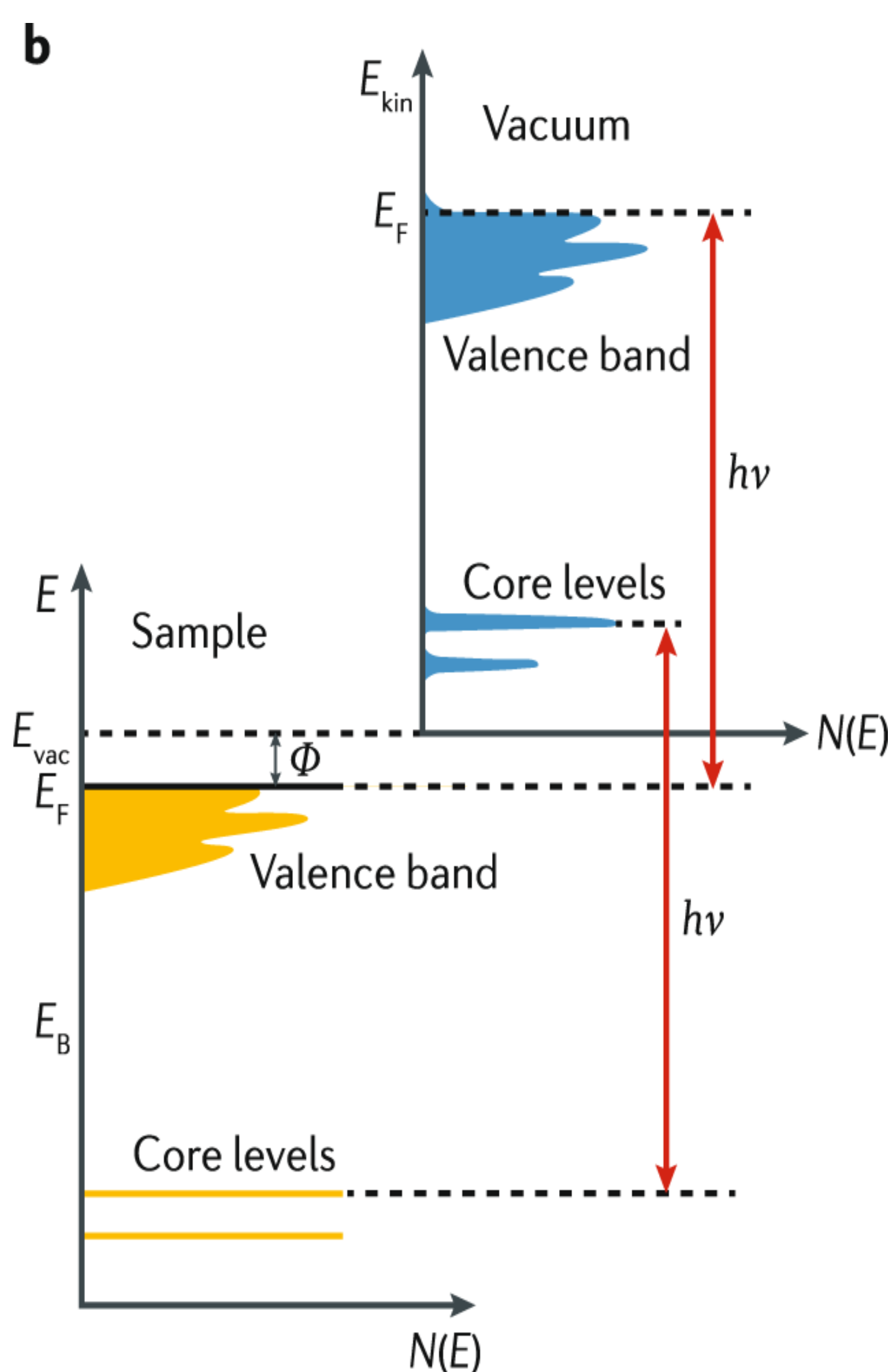
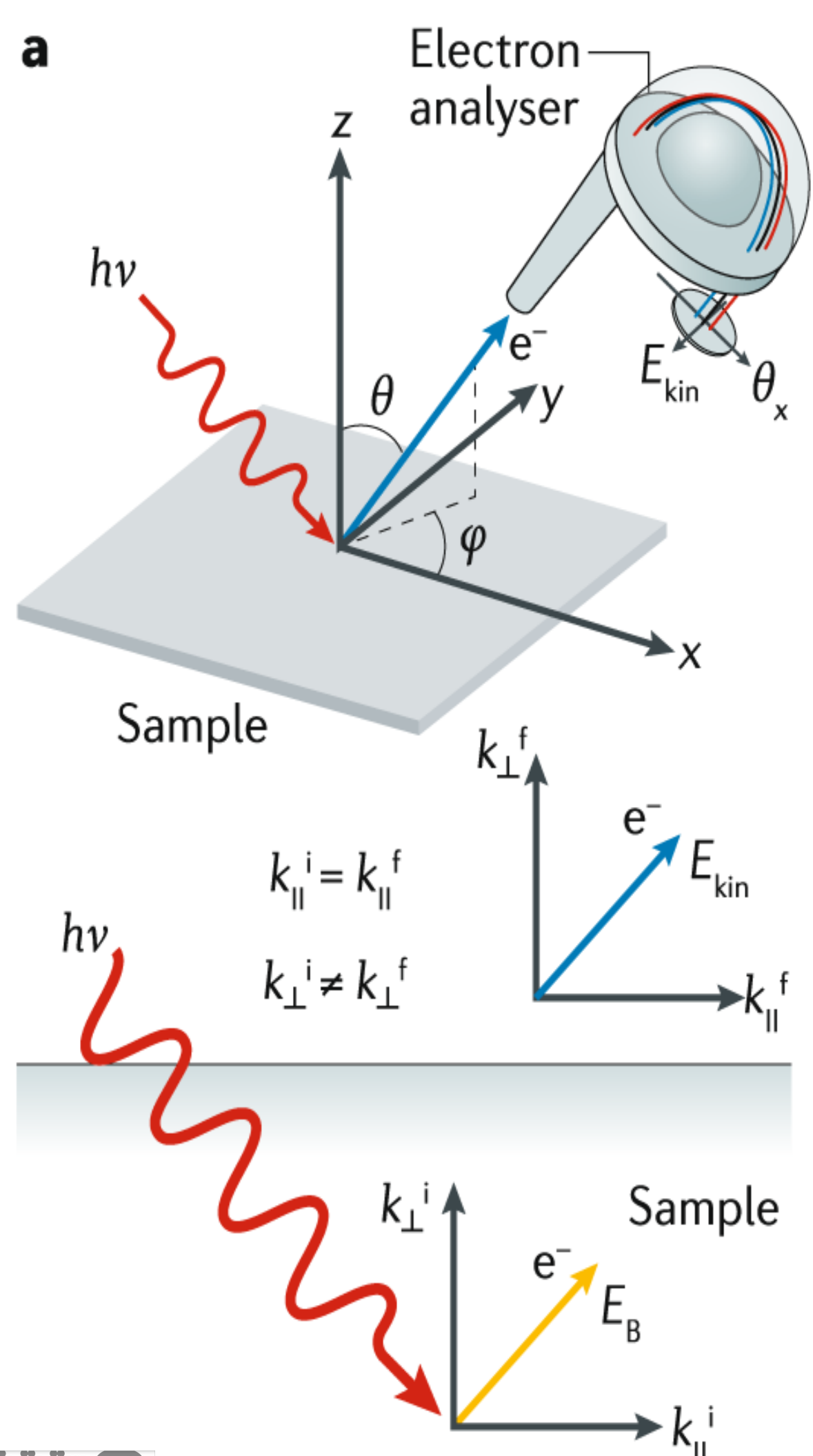
Synchrotron

A powerful tool to resolve quantum matter phenomena



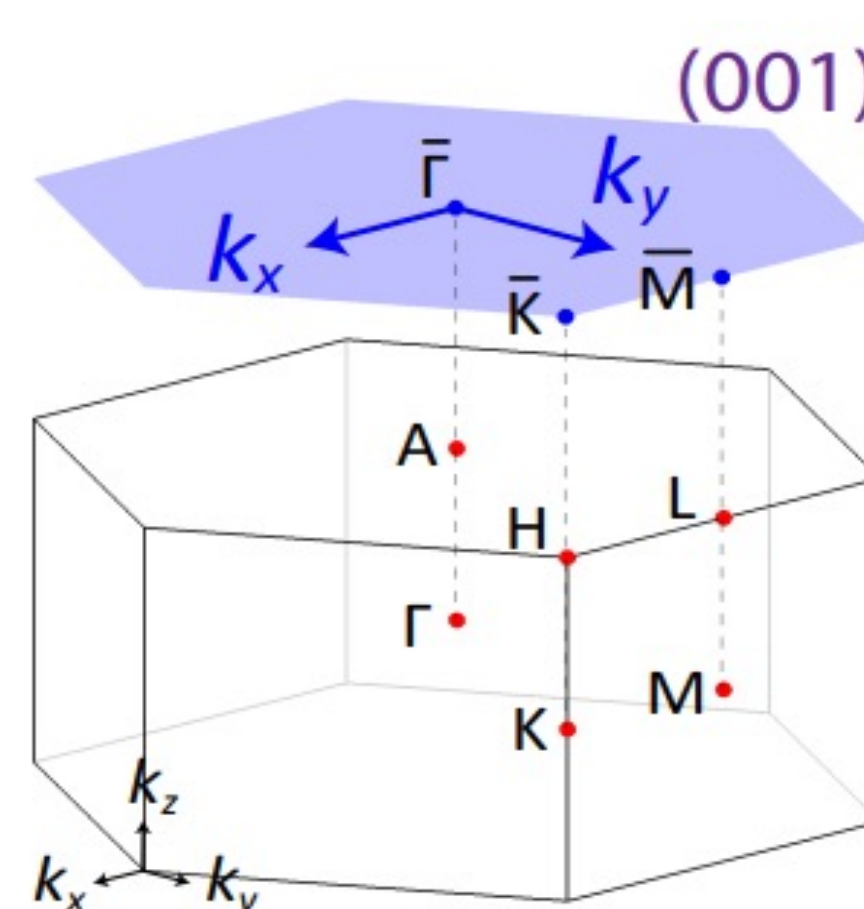
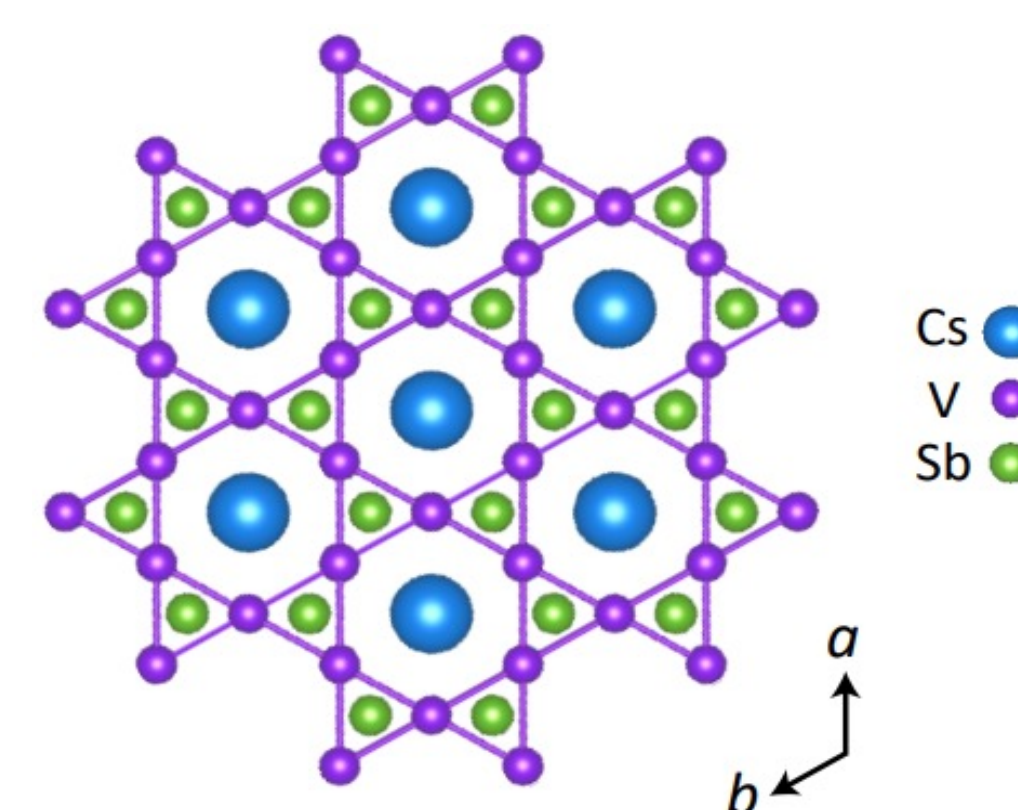
ARPES – Angular Resolved Photoemission Spectroscopy

Photoemission process



Lv, B., Qian, T. & Ding, H. Nat Rev Phys 1, 609–626 (2019).

Kagome superconductors



Electronic structure

