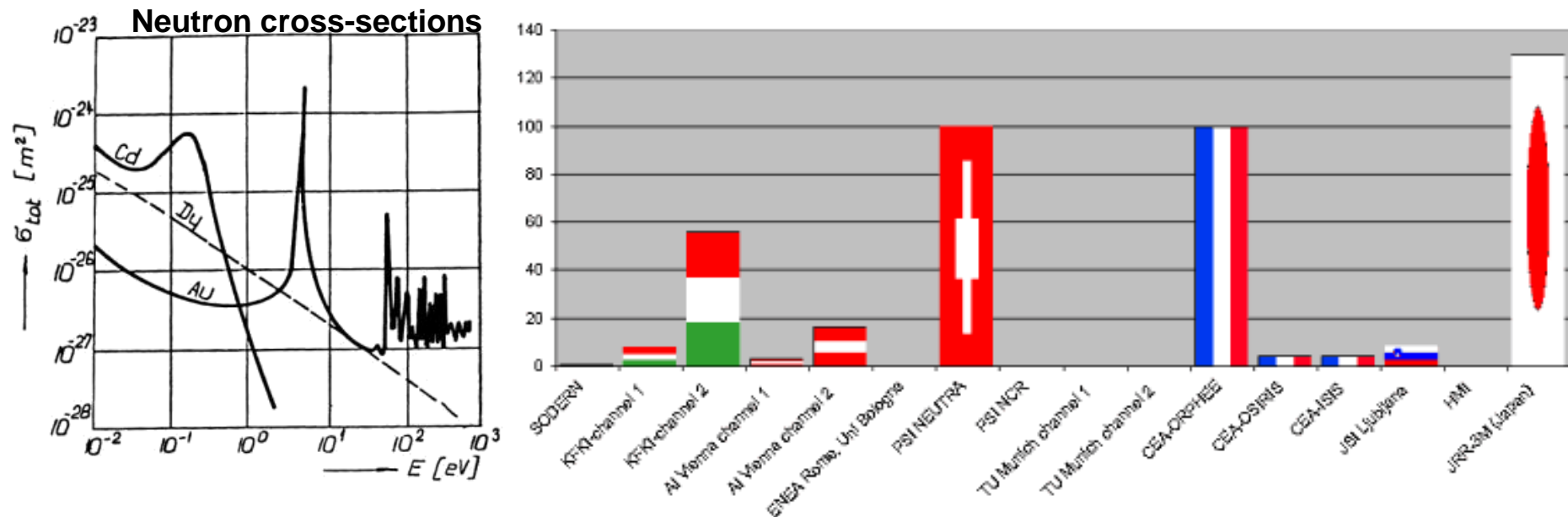


Beam Characterization

Cd ratio

The Cd ratio is a measure for the contamination of thermal or cold neutron beams by higher-energy neutrons.



The Cd ratio is measured by Au activation with and without a Cd-cover around the activation foils. The value of the Cd ratio increase with the decrease of the high energetic neutron component.

Image courtesy: Dr. E. Lehmann (Paul-Scherrer-Institute, Switzerland)