

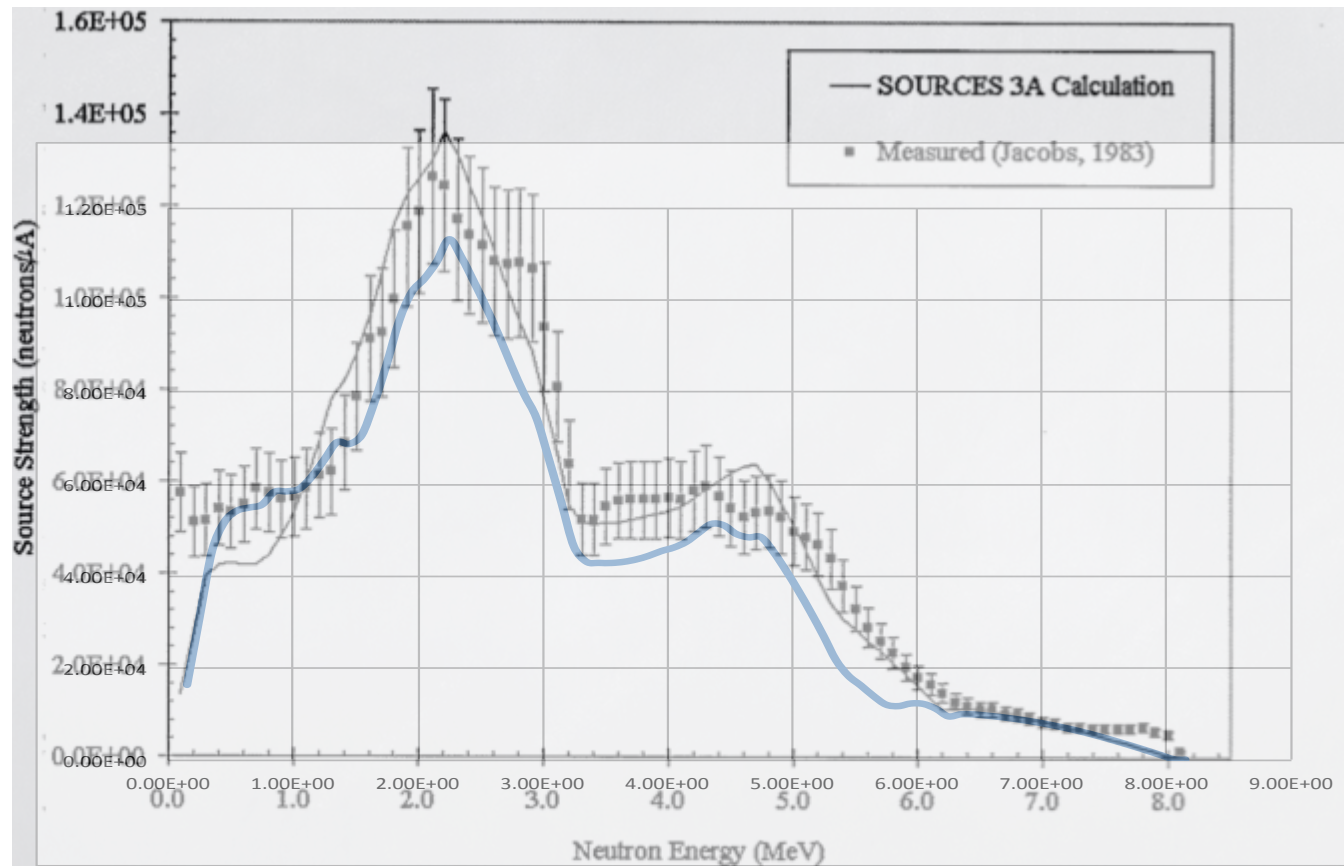
Neutron Yield for 5.5 MeV Beam Alpha on Target Mg

Chao Zhang

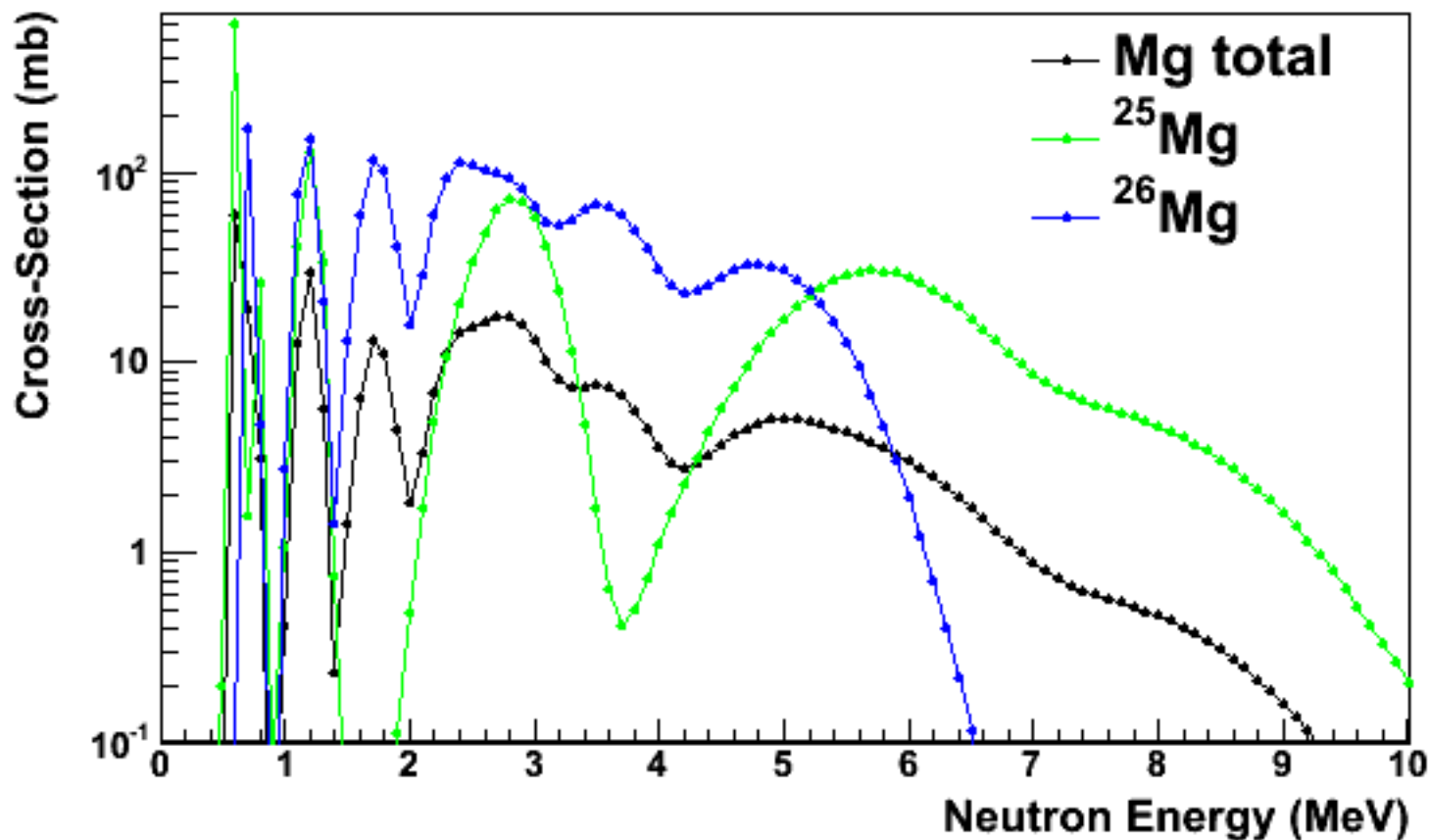
University of South Dakota

Jan 21, 2014

Sources Results

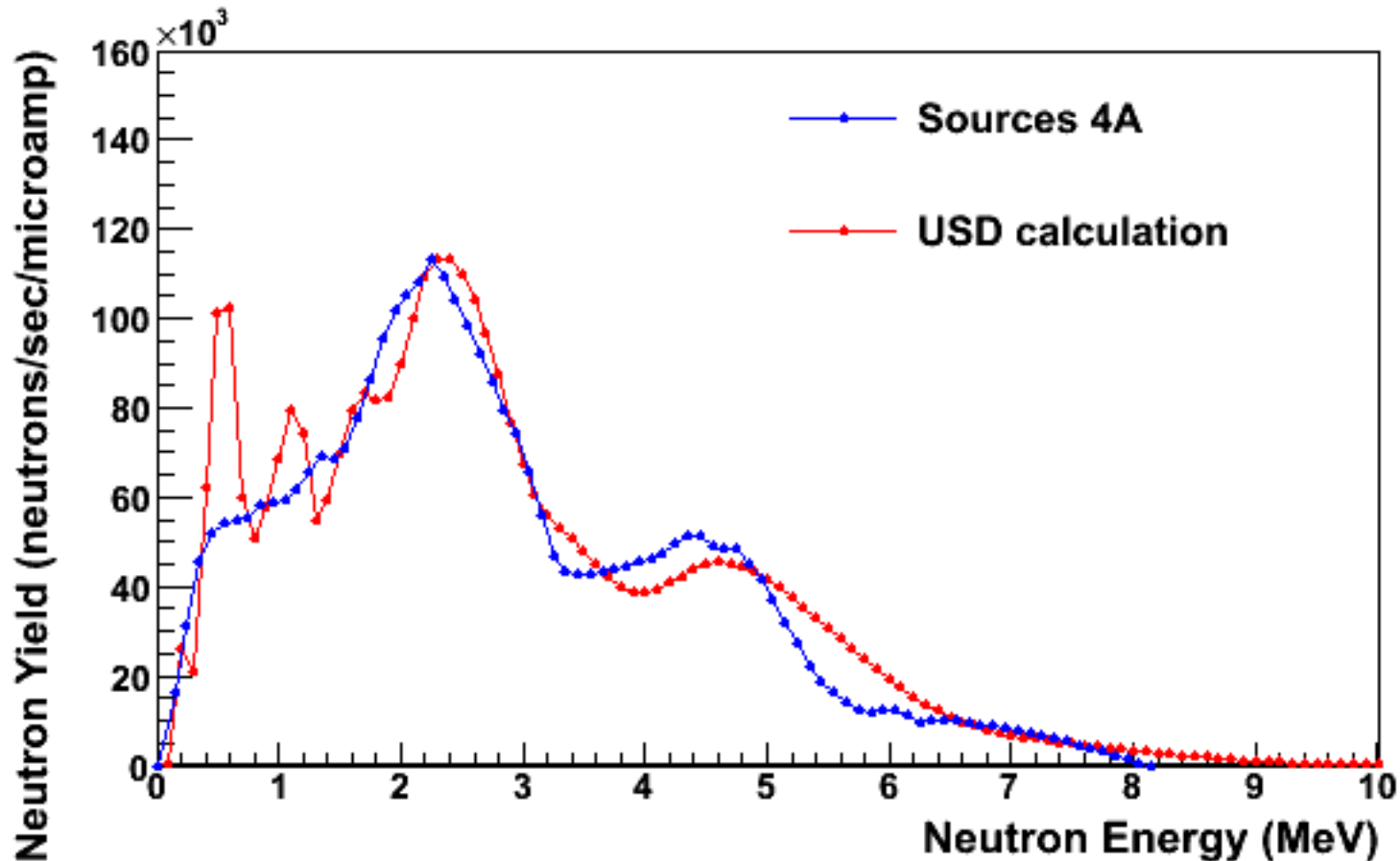


Cross Section for $E_a = 5.5\text{MeV}$



The natural abundance applied on the total cross-section.

USD Calculation



Total neutron yield: 1.17249e-06 per alpha decay.