

$^{235}\text{U}(n,\text{tot})$

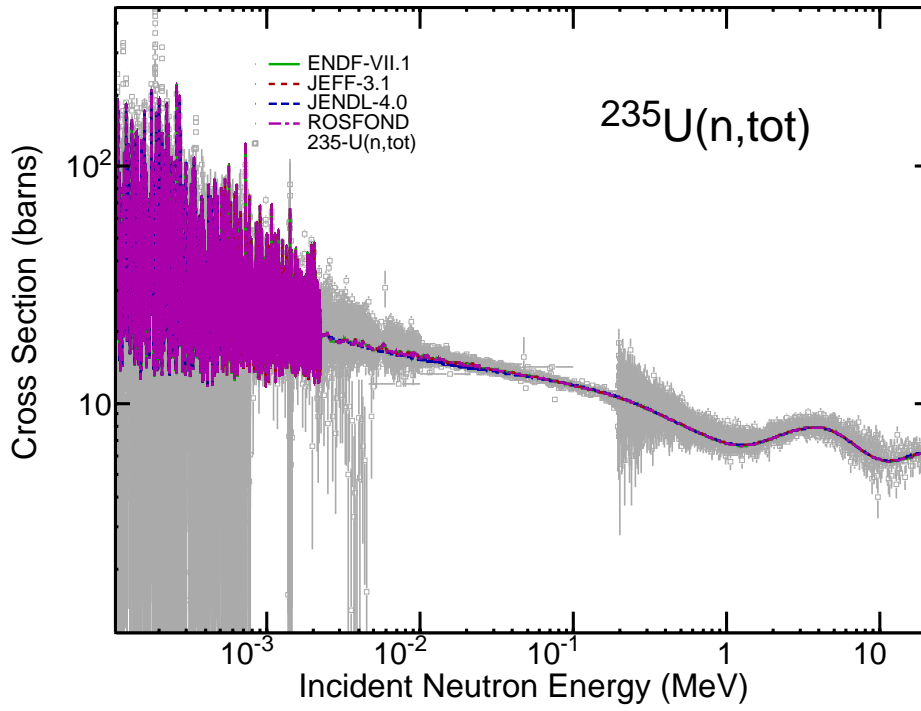


Figure 1: ^{235}U total cross section

$^{235}\text{U}(n,\text{el})$

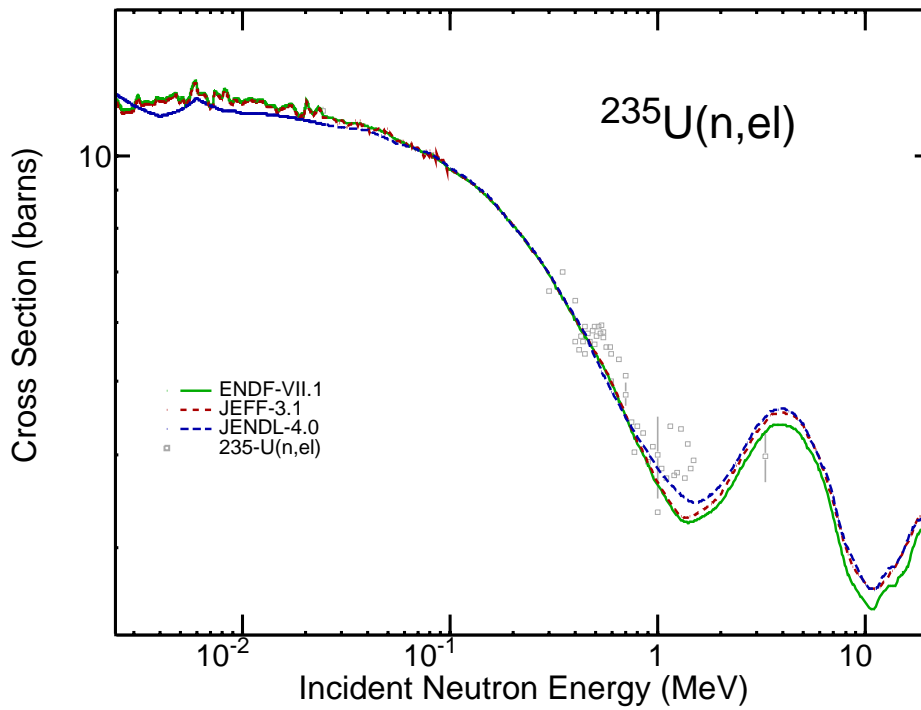


Figure 2: ^{235}U elastic scattering cross section

$^{235}\text{U}(n,f)$

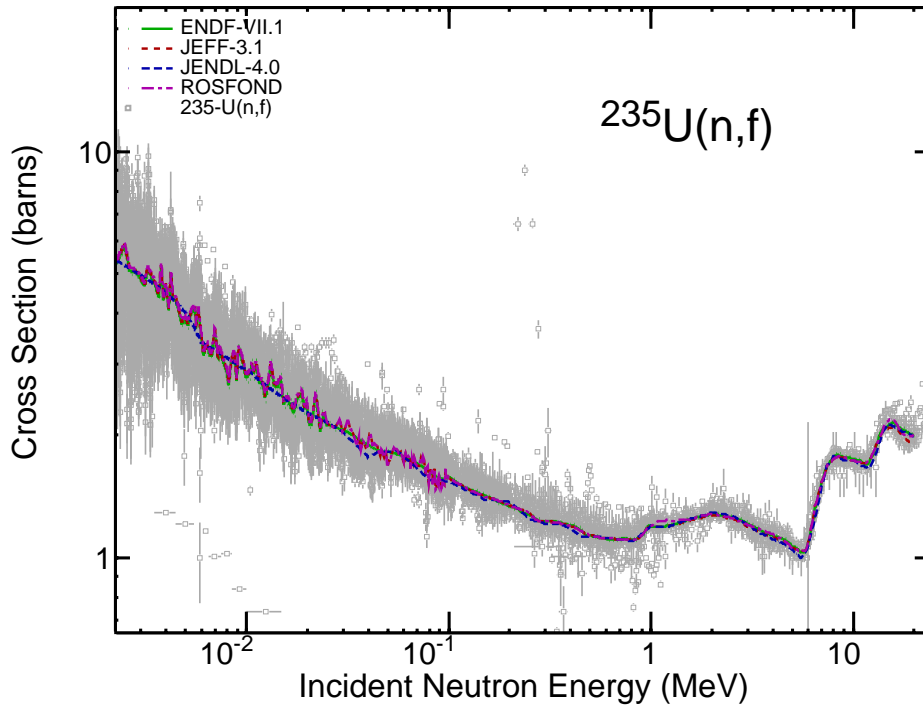


Figure 3: ^{235}U fission cross section

$^{235}\text{U}(n,f)$

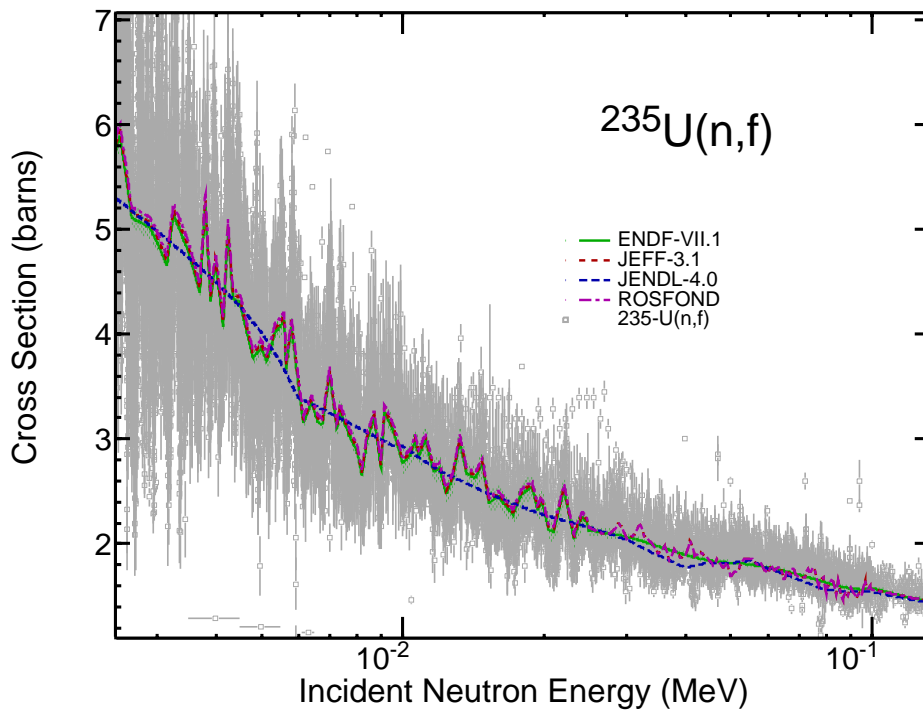


Figure 4: ^{235}U fission cross section

$^{235}\text{U}(n,f)$

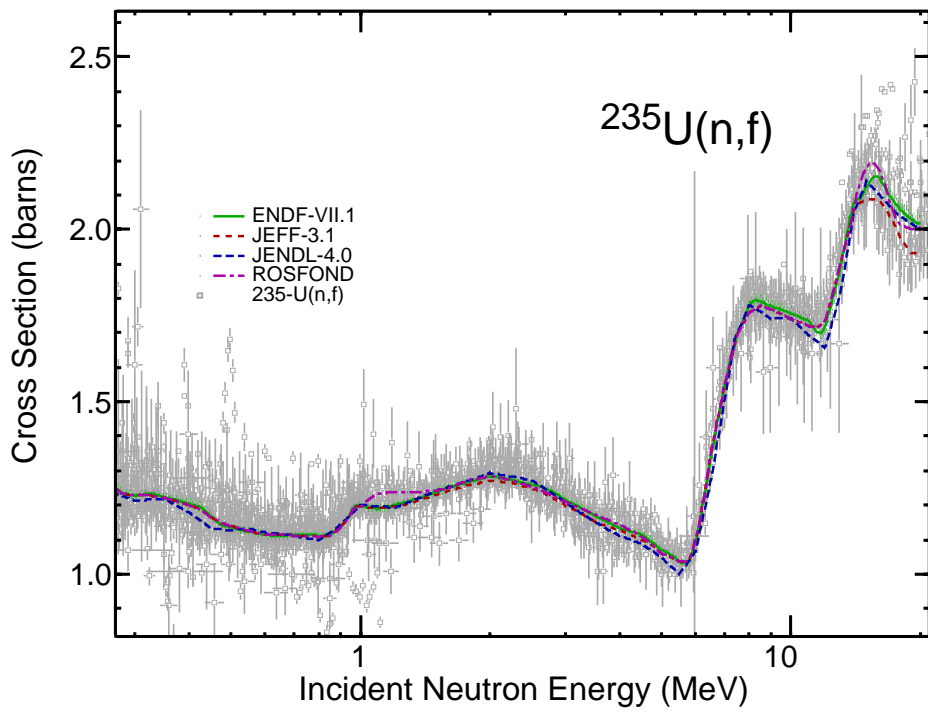


Figure 5: ^{235}U fission cross section

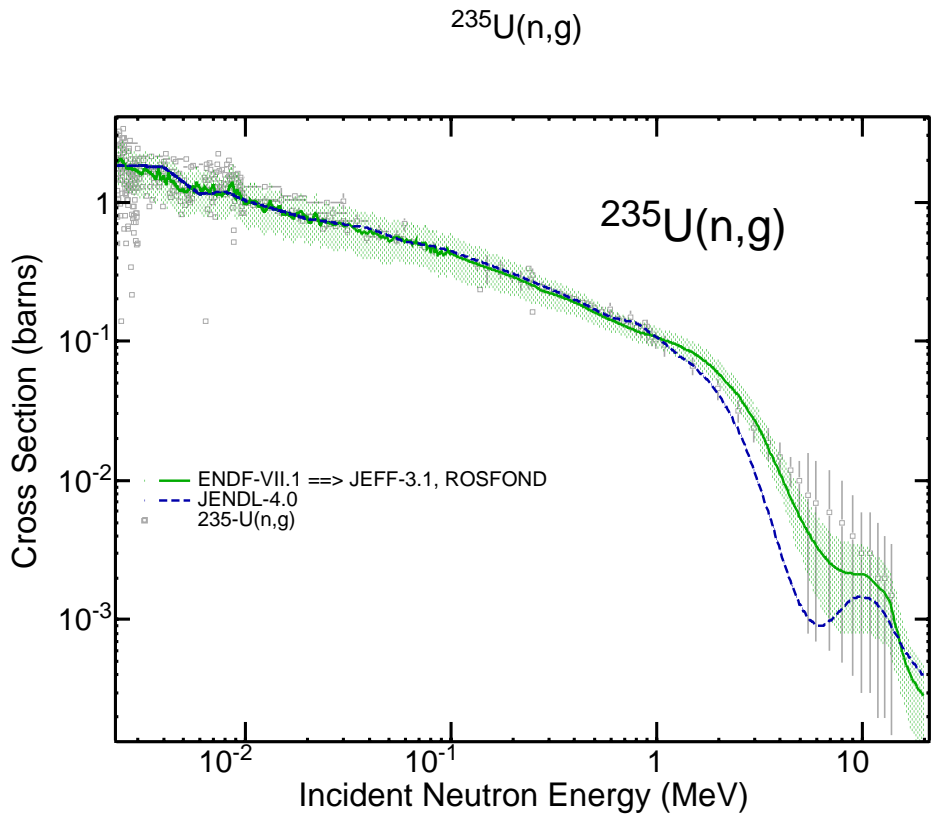


Figure 6: ^{235}U radiative capture cross section

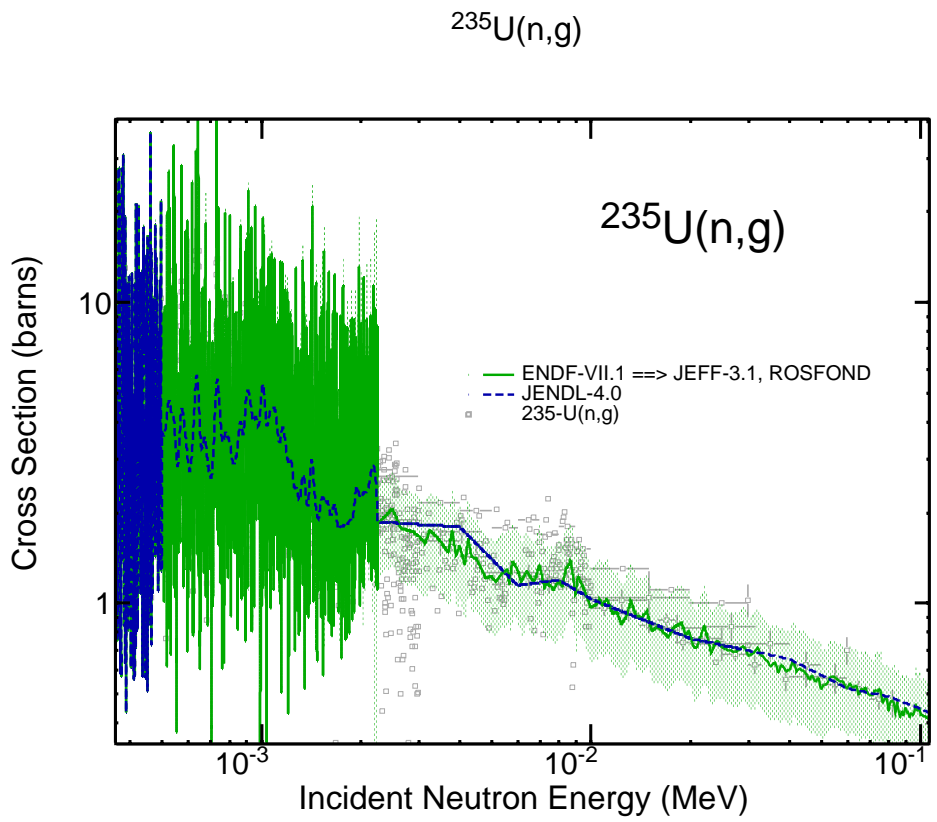


Figure 7: ^{235}U radiative capture cross section

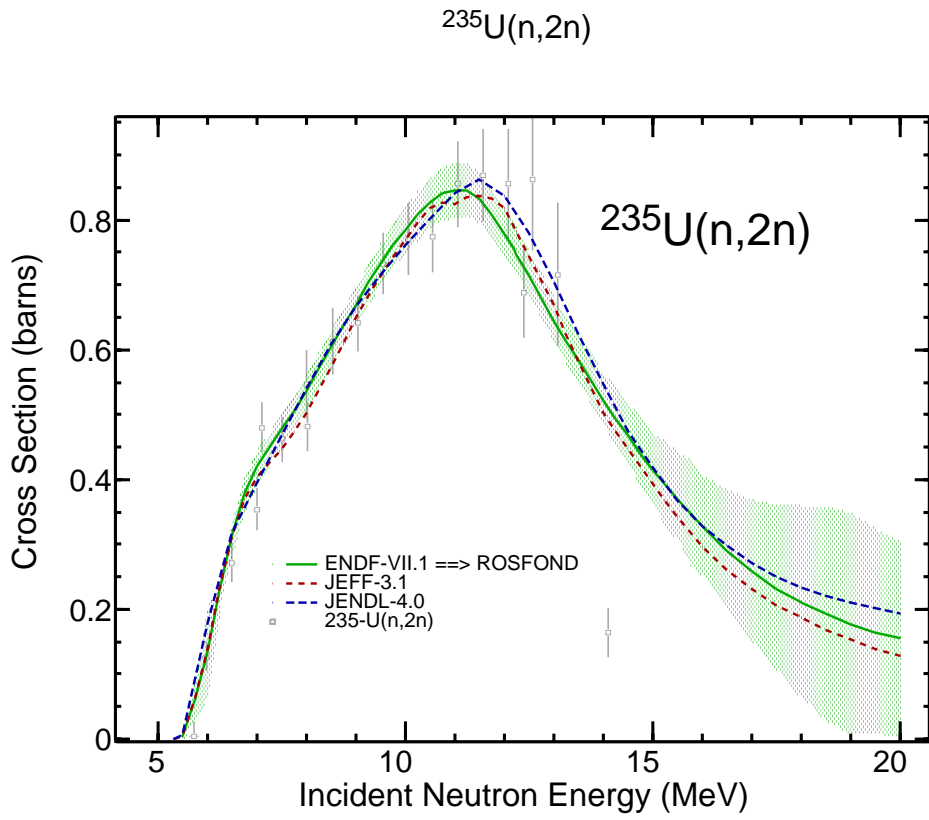


Figure 8: $^{235}\text{U}(n,2n)$ reaction cross section

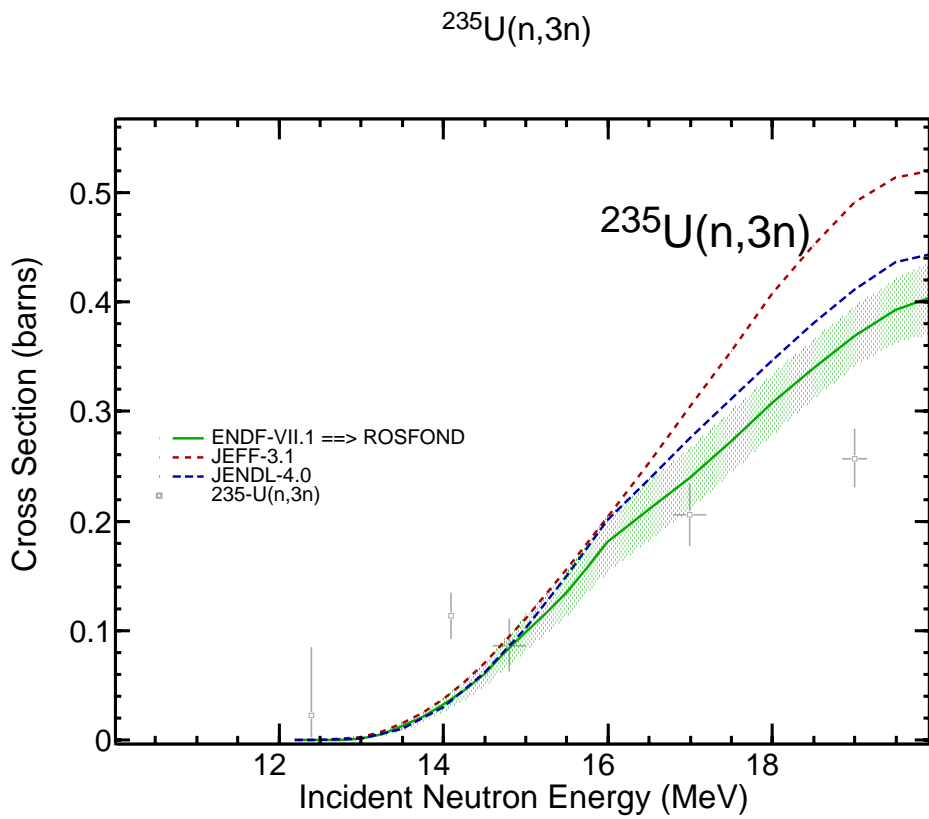


Figure 9: $^{235}\text{U}(n,3n)$ reaction cross section

$^{235}\text{U}(n,\text{inl})$

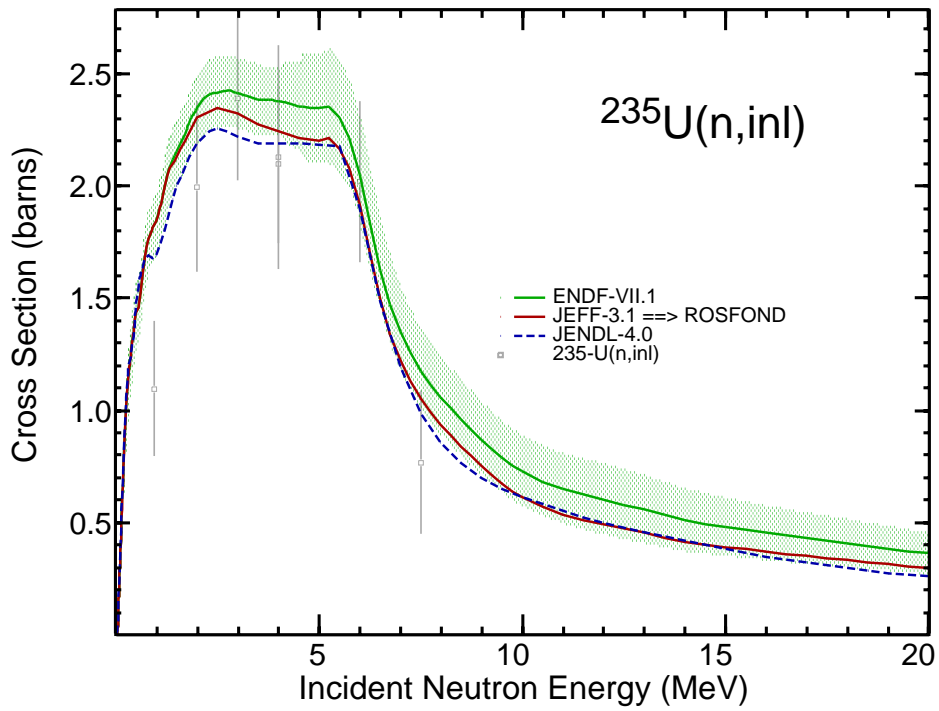


Figure 10: ^{235}U total inelastic scattering cross section

$^{235}\text{U}(n,n^1)$

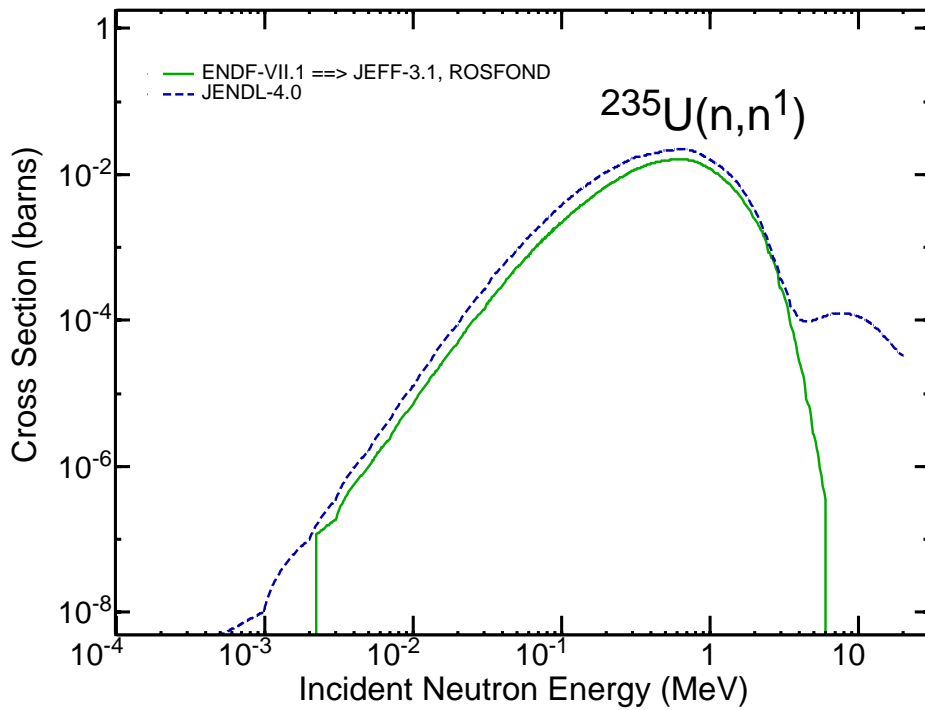


Figure 11: ^{235}U inelastic to the first excited state

$^{235}\text{U}(n,n^2)$

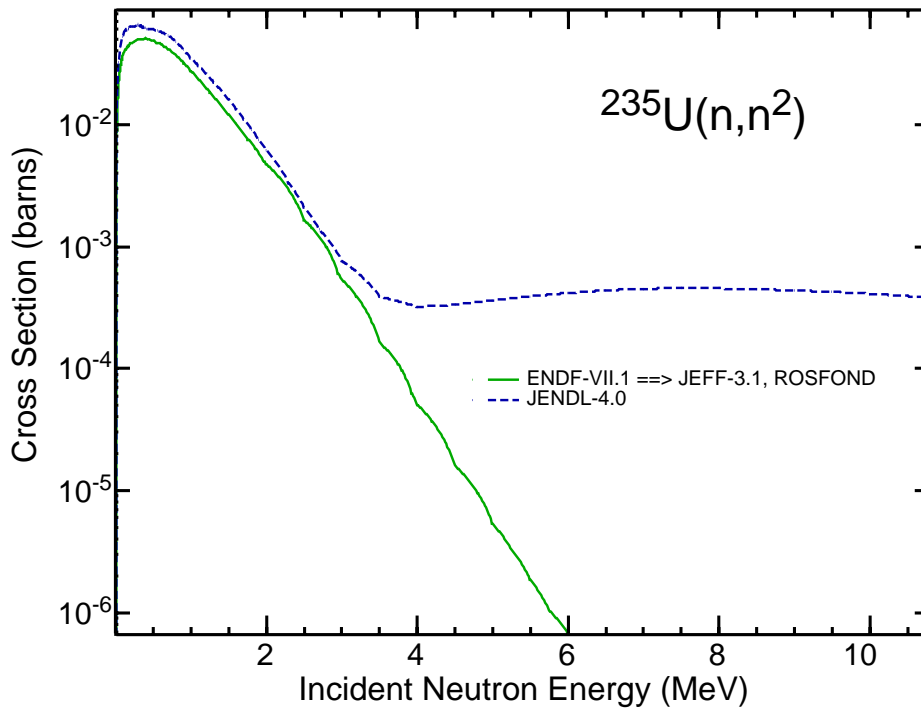


Figure 12: ^{235}U inelastic to the second excited state

$^{235}\text{U}(n,n^3)$

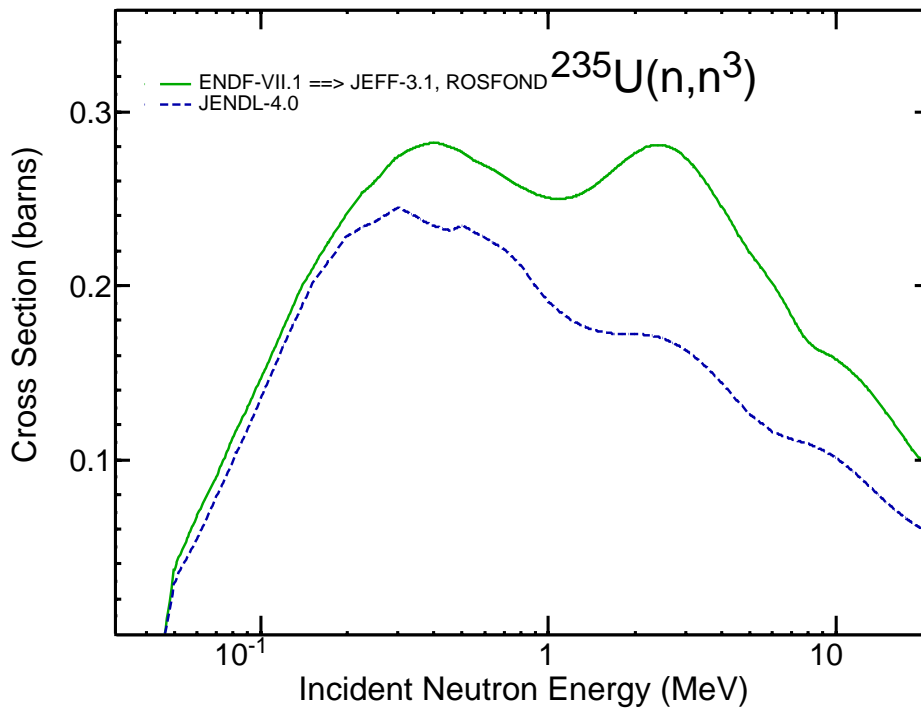


Figure 13: ^{235}U inelastic to the third excited state

$^{235}\text{U}(n,f)$ PFNS $E_{\text{inc}} = 14.7 \text{ MeV}$

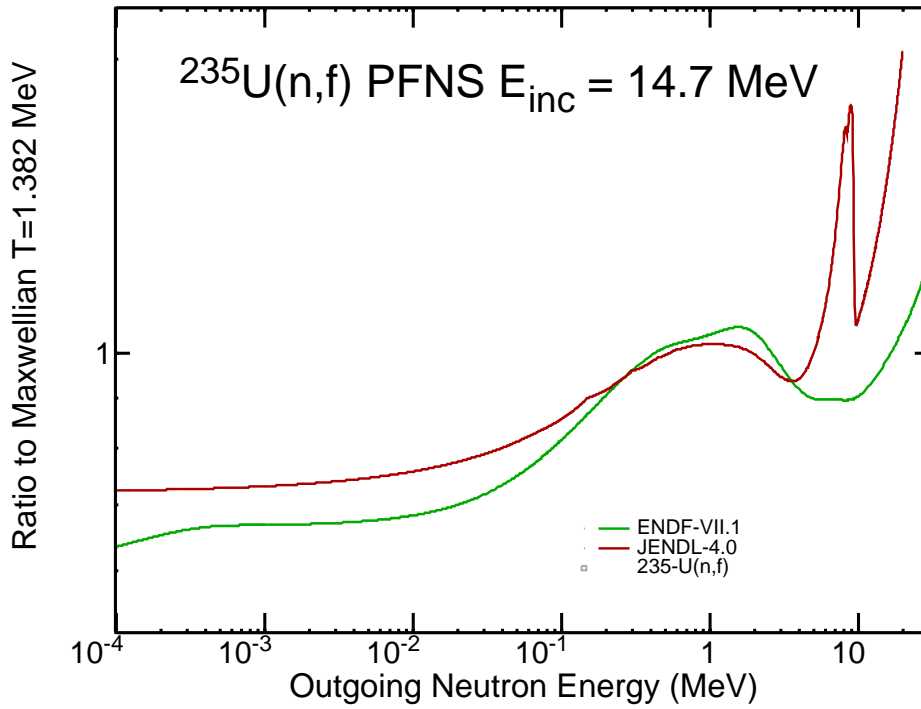


Figure 14: ^{235}U prompt fission neutron spectrum
 $^{235}\text{U}(n,f)$ PFNS $E_{\text{inc}}=15.0 \text{ MeV}$

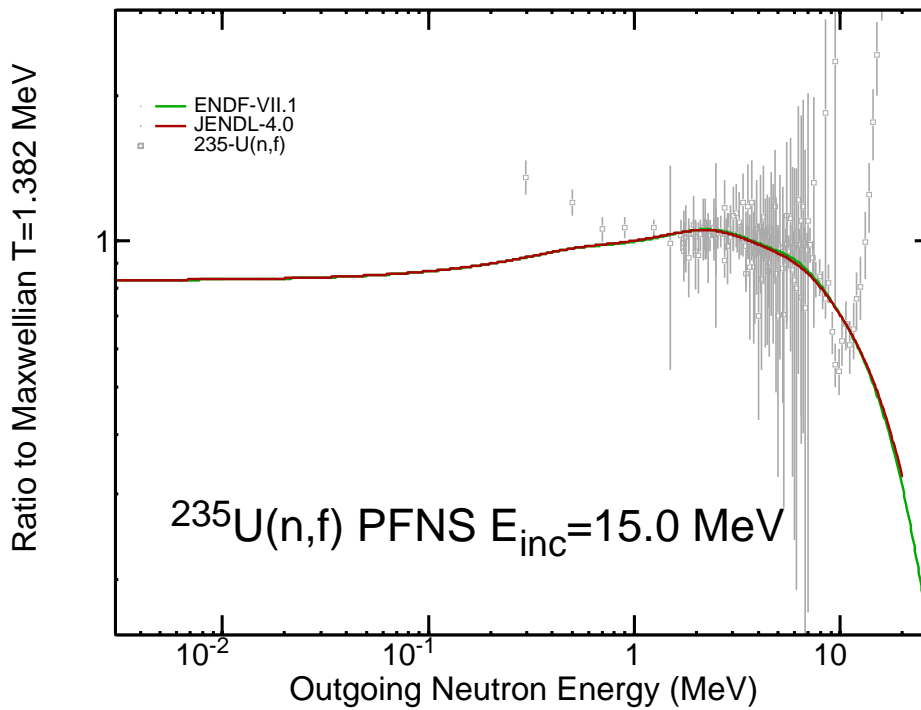


Figure 15: ^{235}U prompt fission neutron spectrum

$^{235}\text{U}(n,f)$ PFNS $E_{\text{inc}}=7.5$ MeV

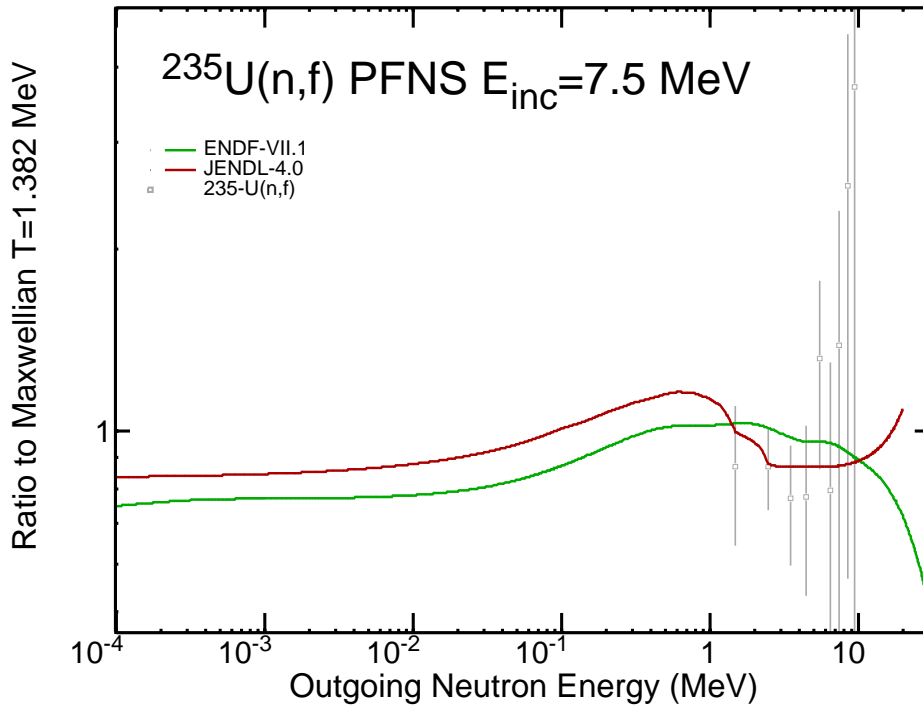


Figure 16: ^{235}U prompt fission neutron spectrum
 $^{235}\text{U}(n,f)$ PFNS $E_{\text{inc}}=5.5$ MeV

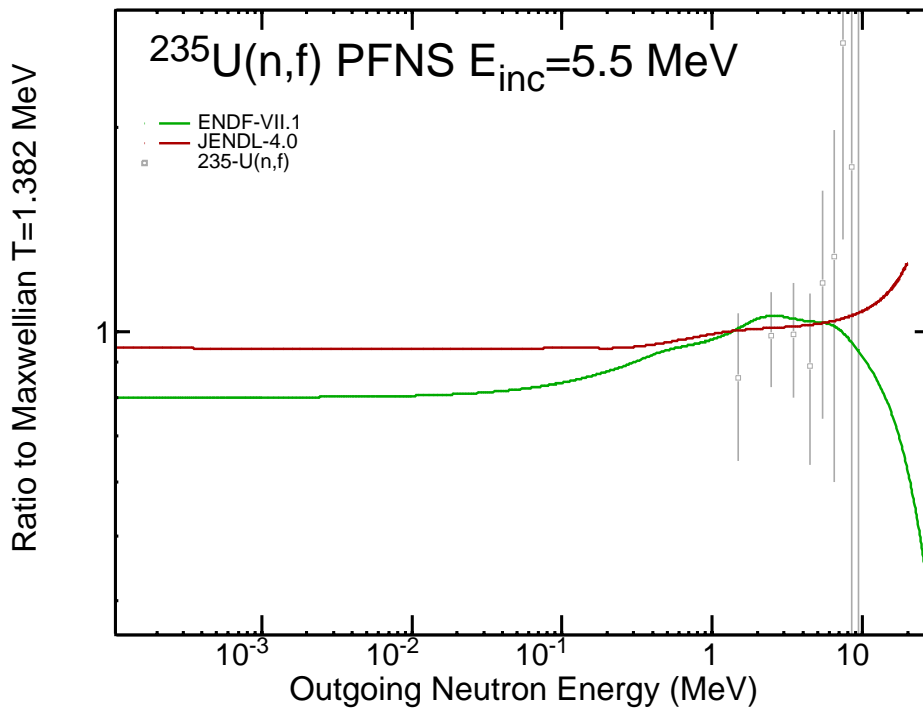


Figure 17: ^{235}U prompt fission neutron spectrum

$^{235}\text{U}(n,f)$ PFNS $E_{\text{inc}}=0.5$ MeV

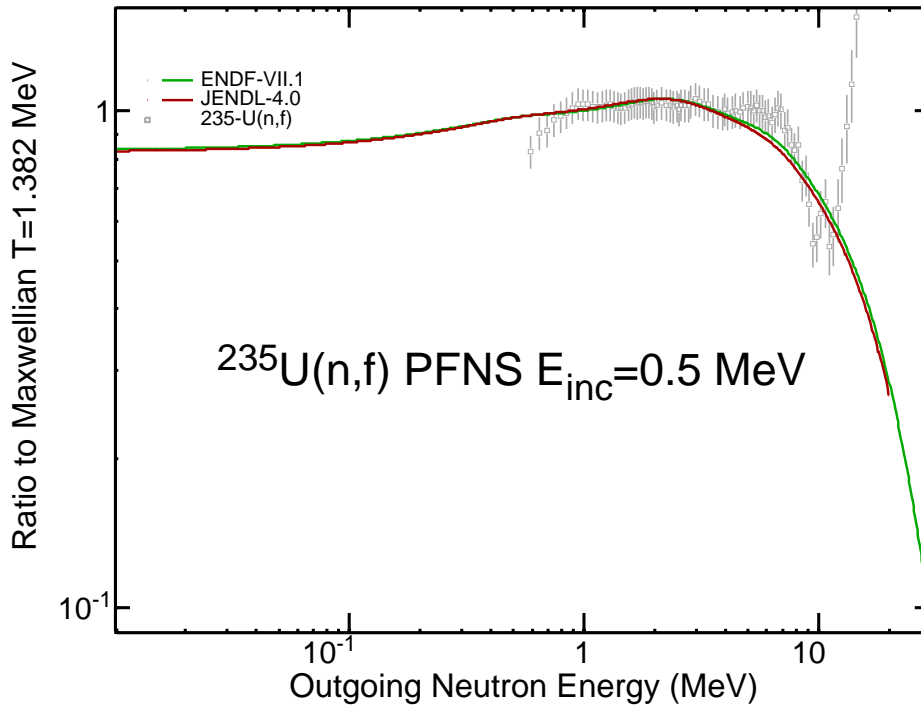


Figure 18: ^{235}U prompt fission neutron spectrum

$^{235}\text{U}(n,f)$ PFNS $E_{\text{inc}}=34$ keV

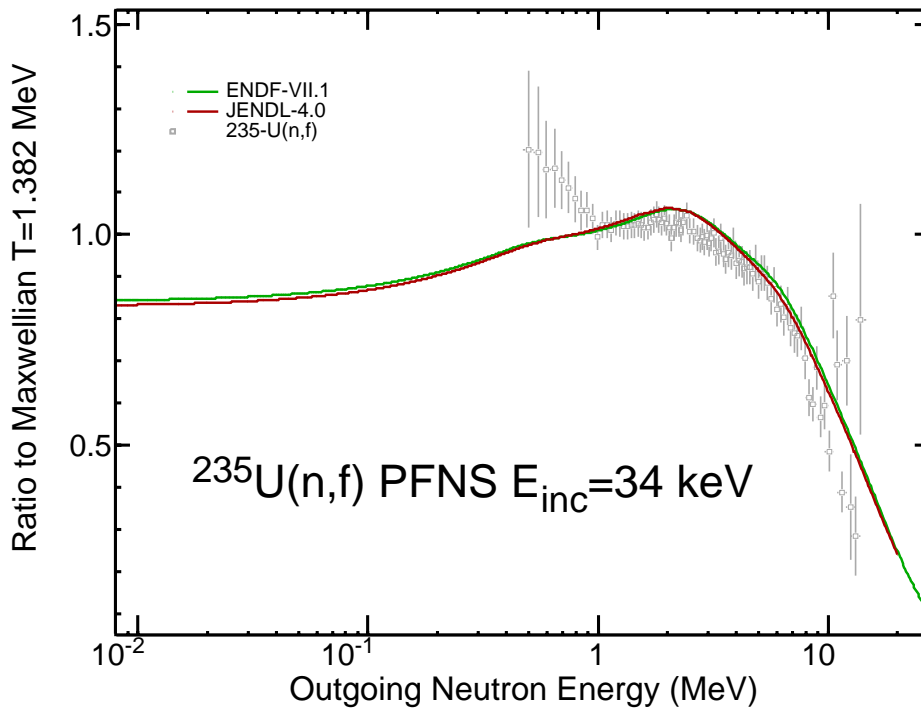


Figure 19: ^{235}U prompt fission neutron spectrum

$^{235}\text{U}(n,f)$ PFNS $E_{\text{inc}}=0.0253$ eV

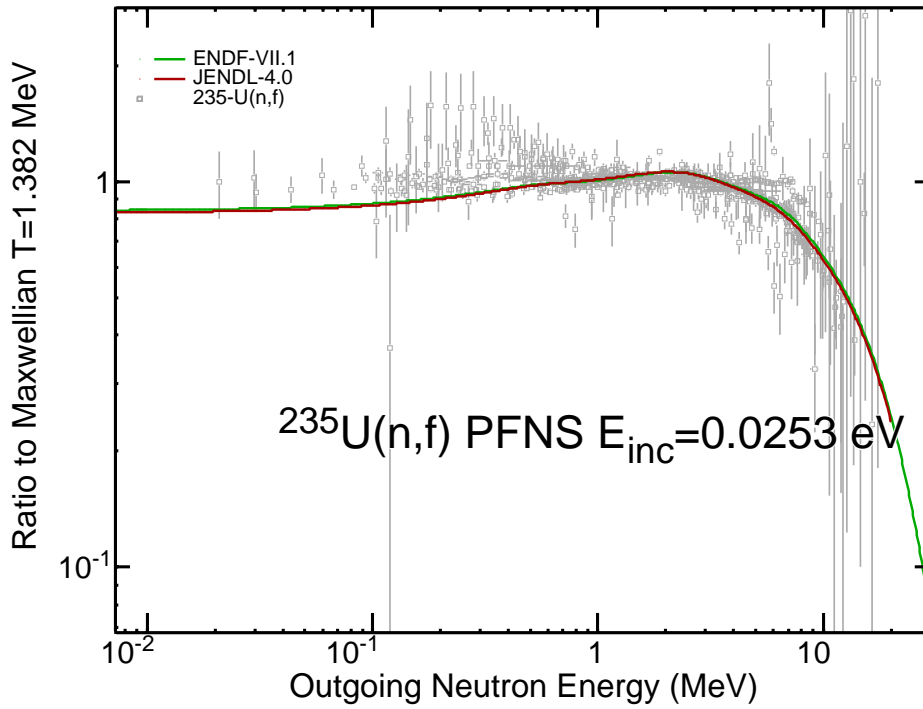


Figure 20: ^{235}U prompt fission neutron spectrum
 ^{235}U μ -bar

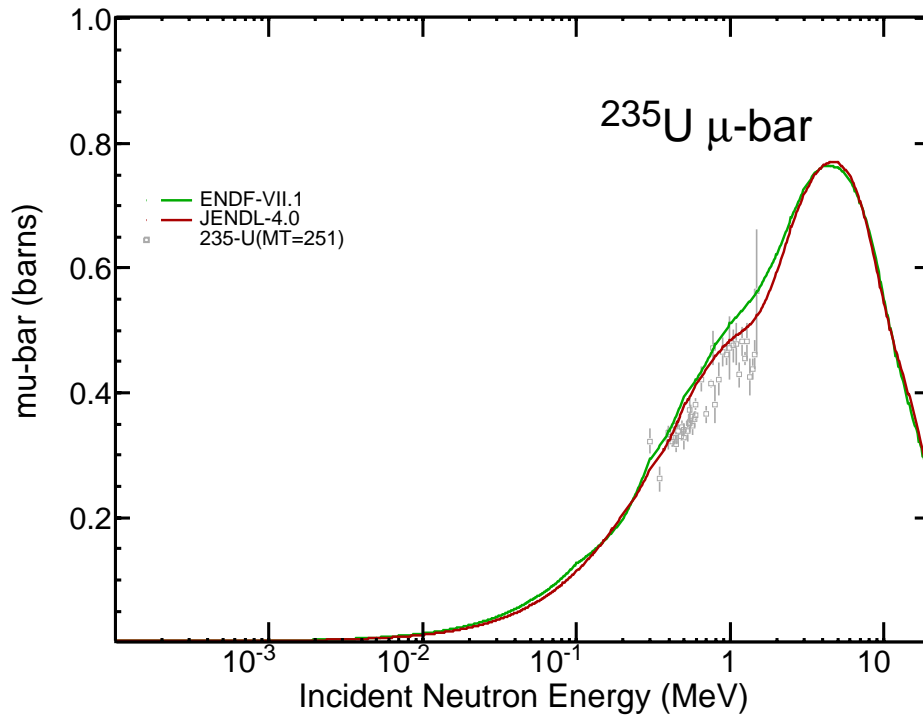


Figure 21: ^{235}U average scattering cosine

^{235}U prompt ν -bar

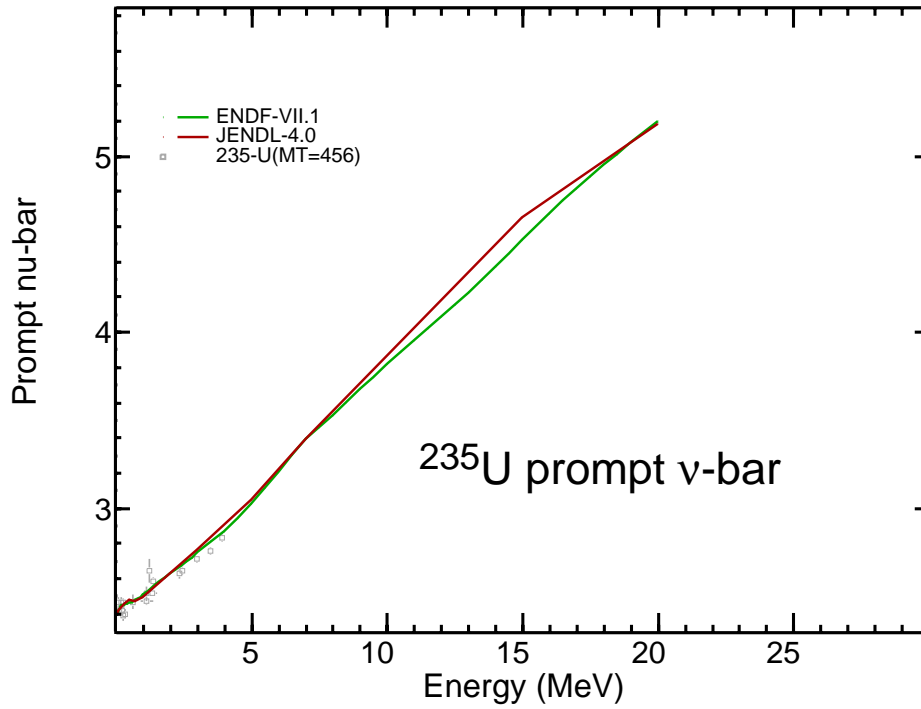


Figure 22: ^{235}U average number of prompt fission neutrons

^{235}U total ν -bar

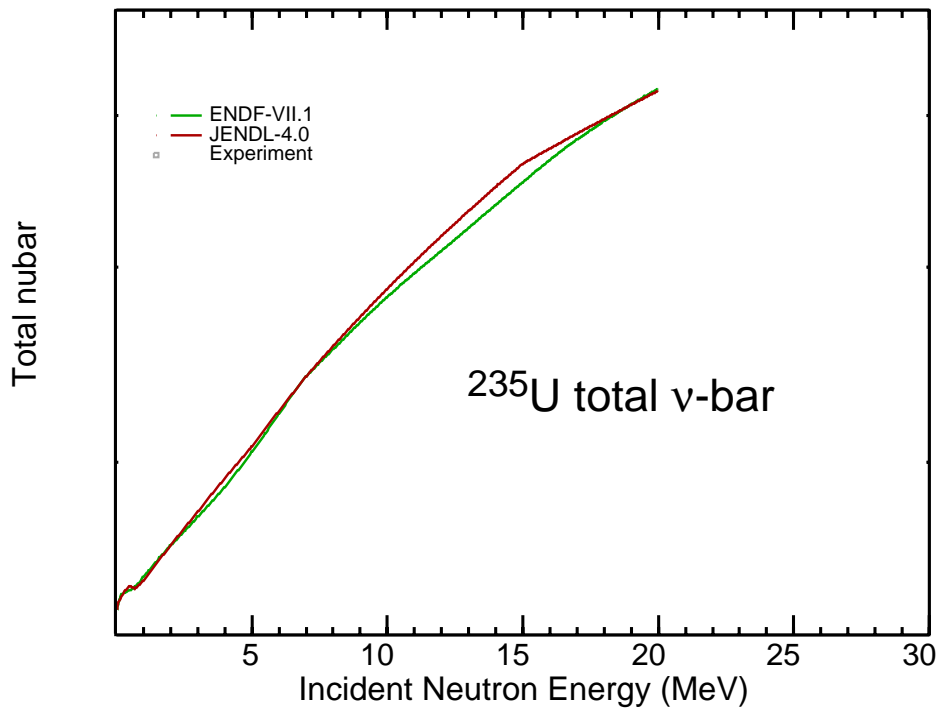


Figure 23: ^{235}U average number of total fission neutrons

$^{238}\text{U}(n,\text{tot})$

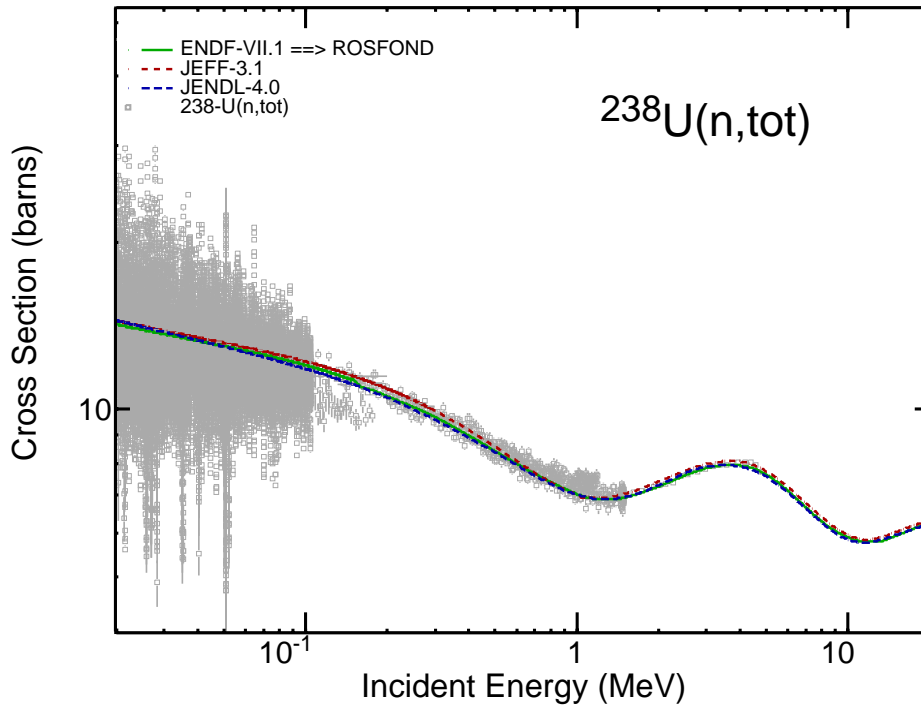


Figure 24: ^{238}U total cross section

$^{238}\text{U}(n,\text{el})$

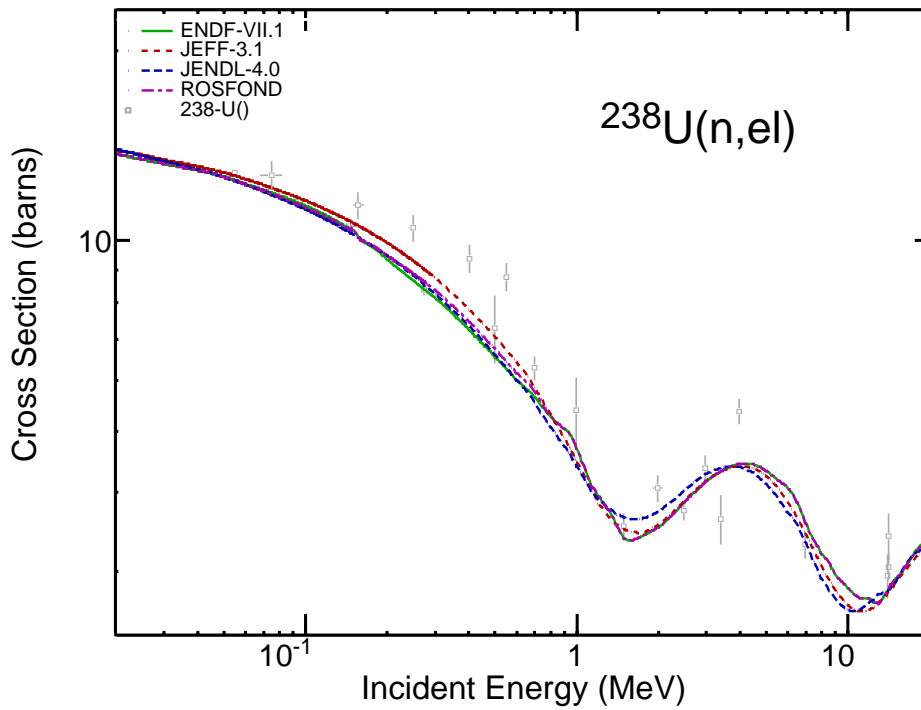


Figure 25: ^{238}U elastic scattering cross section

$^{238}\text{U}(n,f)$

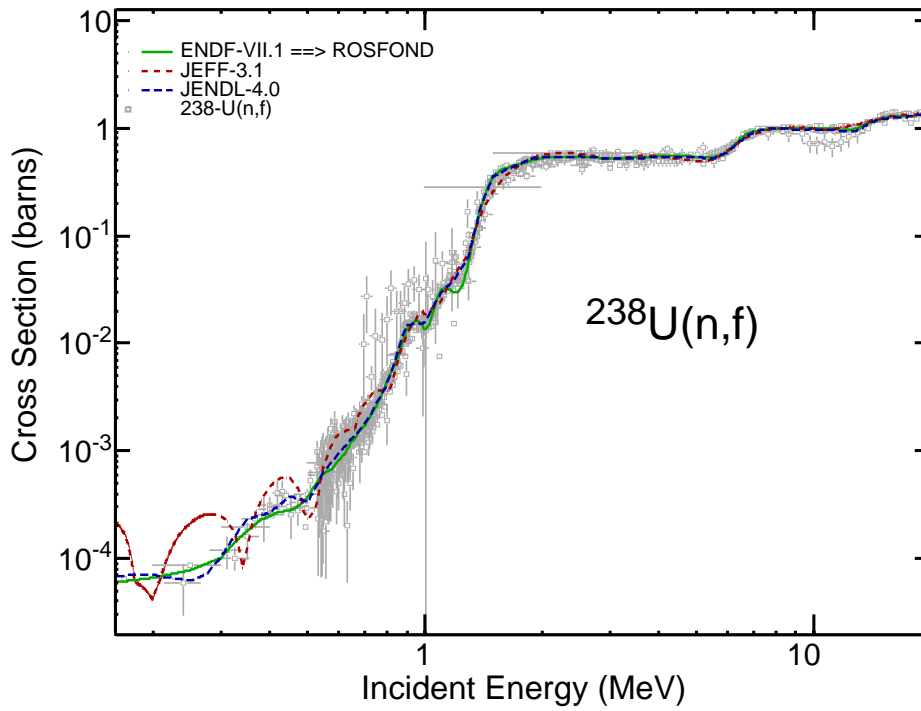


Figure 26: ^{238}U fission cross section

$^{238}\text{U}(n,f)$

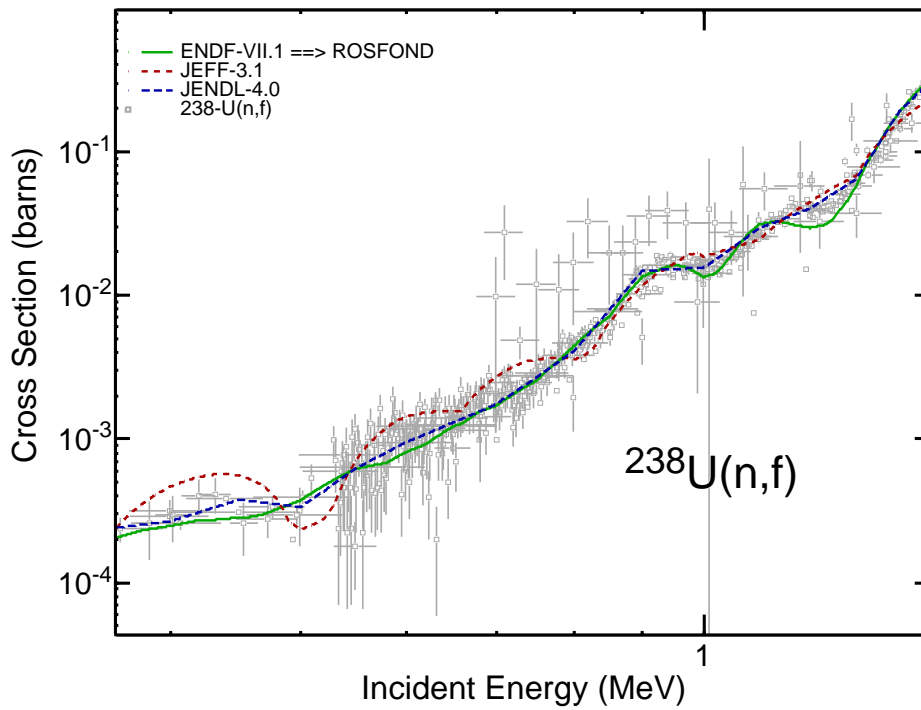


Figure 27: ^{238}U fission cross section

$^{238}\text{U}(n,f)$

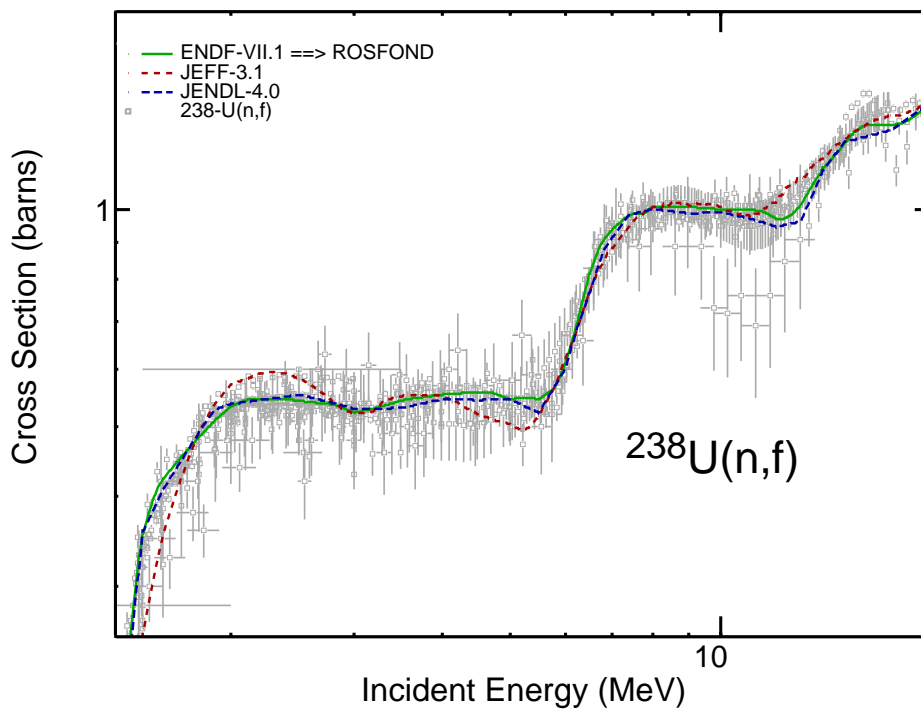


Figure 28: ^{238}U fission cross section

$^{238}\text{U}(n,f)$

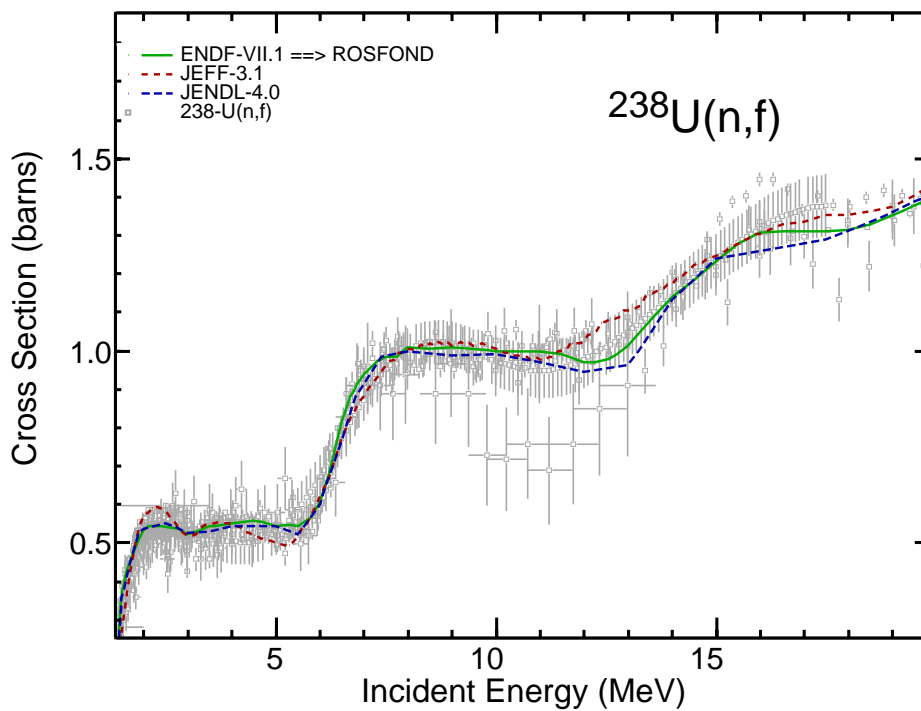


Figure 29: ^{238}U fission cross section

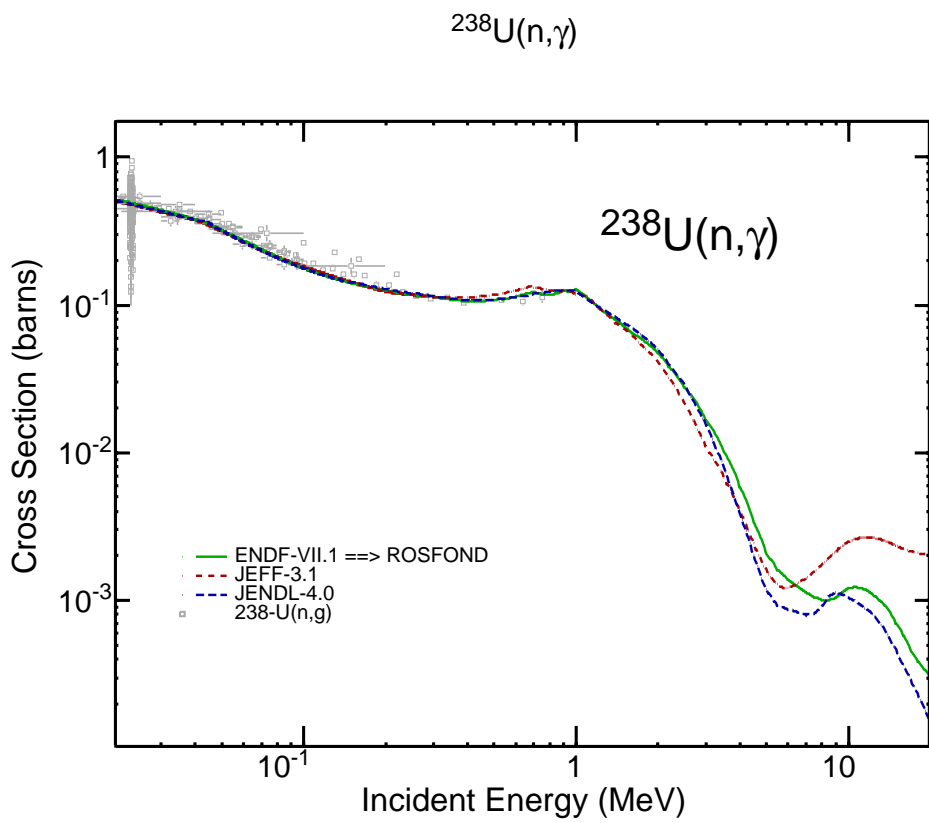


Figure 30: ^{238}U radiative capture cross section

$^{238}\text{U}(n,2n)$

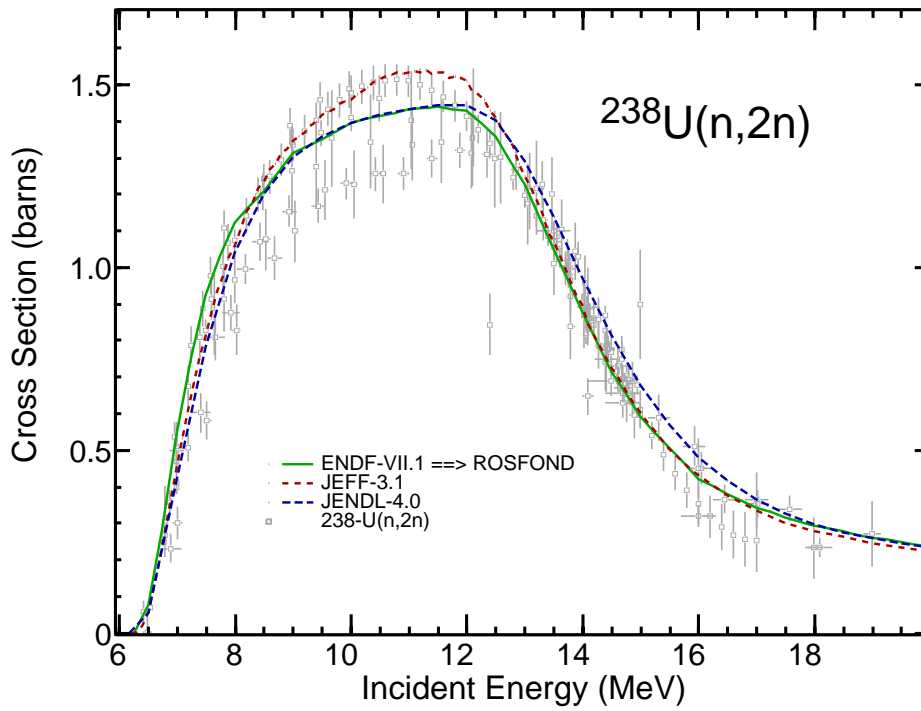


Figure 31: $^{238}\text{U}(n,2n)$ reaction cross section

$^{238}\text{U}(n,3n)$

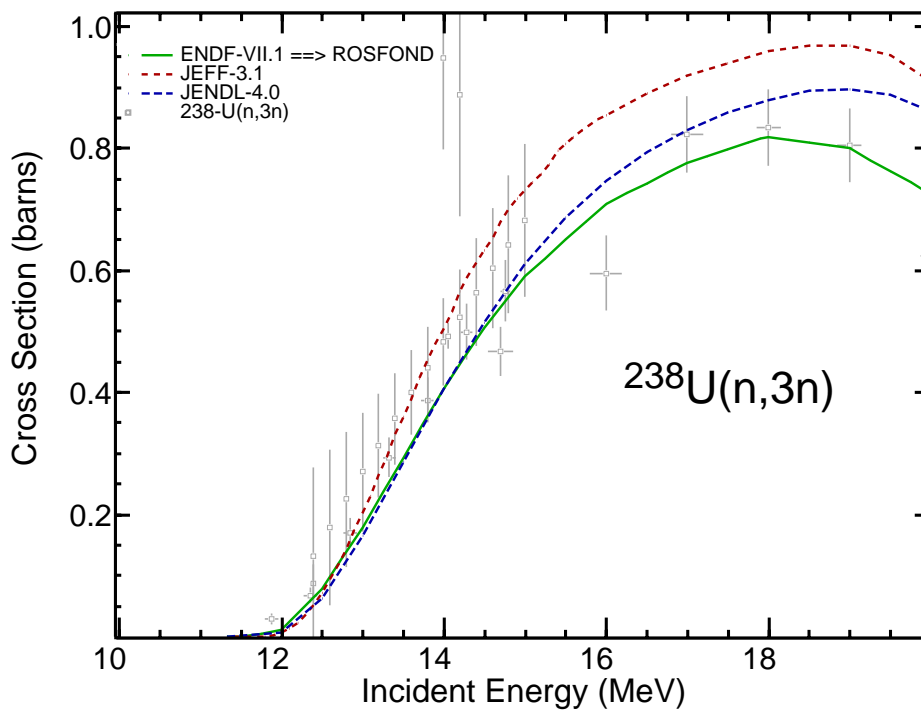


Figure 32: $^{238}\text{U}(n,3n)$ reaction cross section

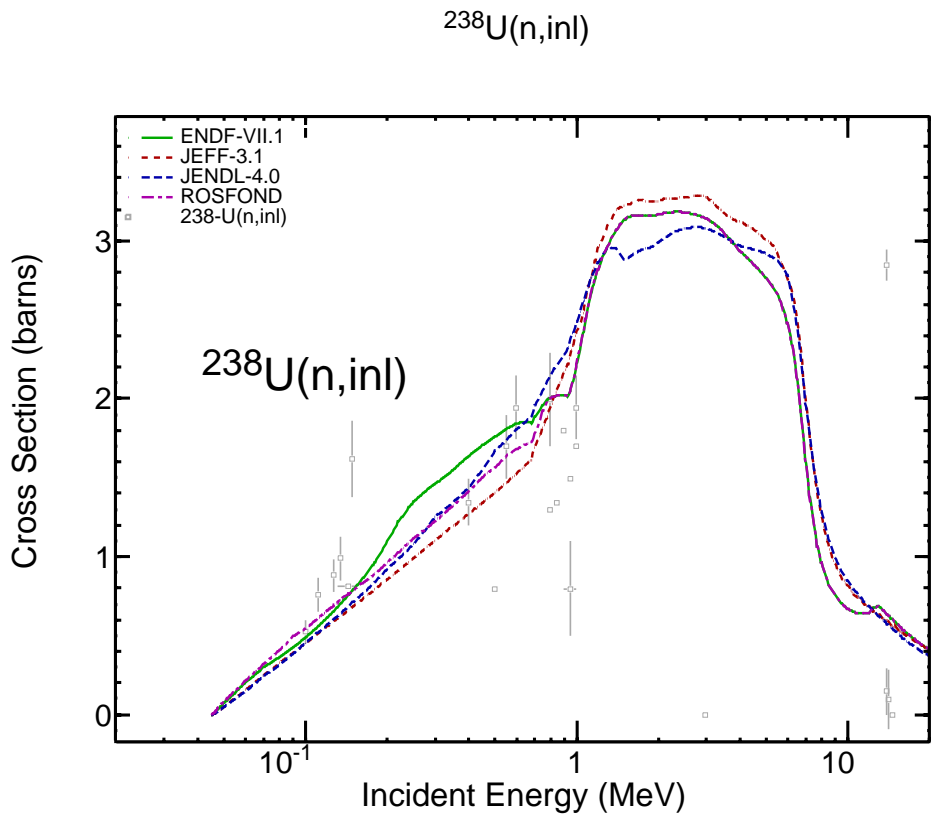


Figure 33: ^{238}U total inelastic scattering cross section

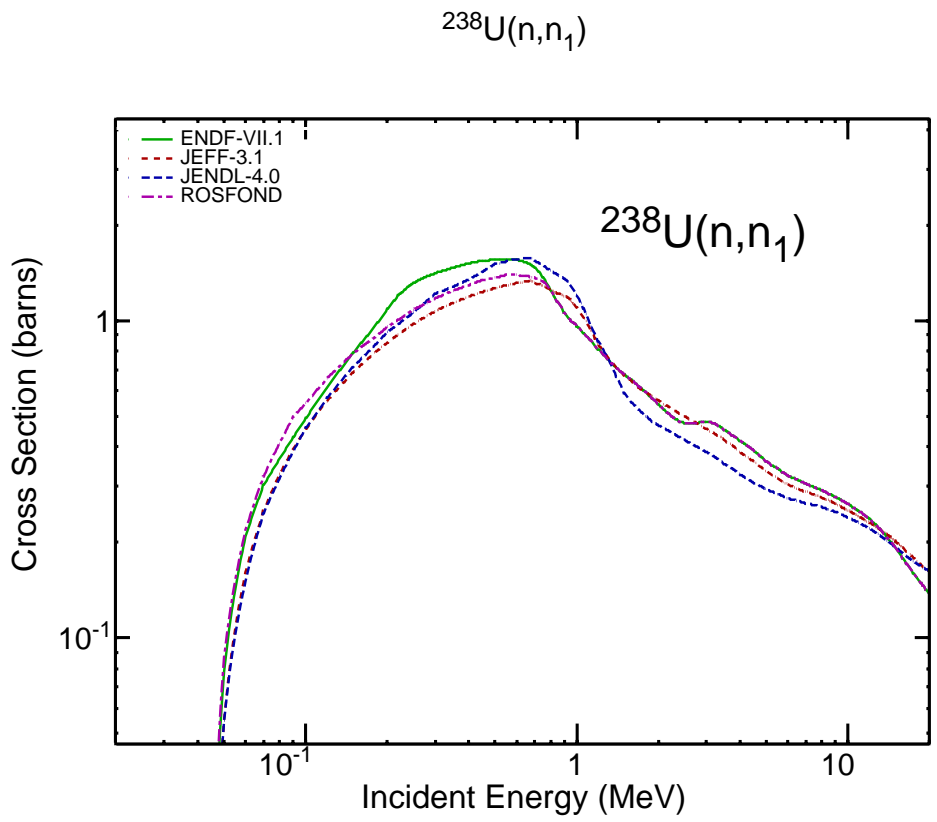


Figure 34: ^{238}U inelastic to the first excited state

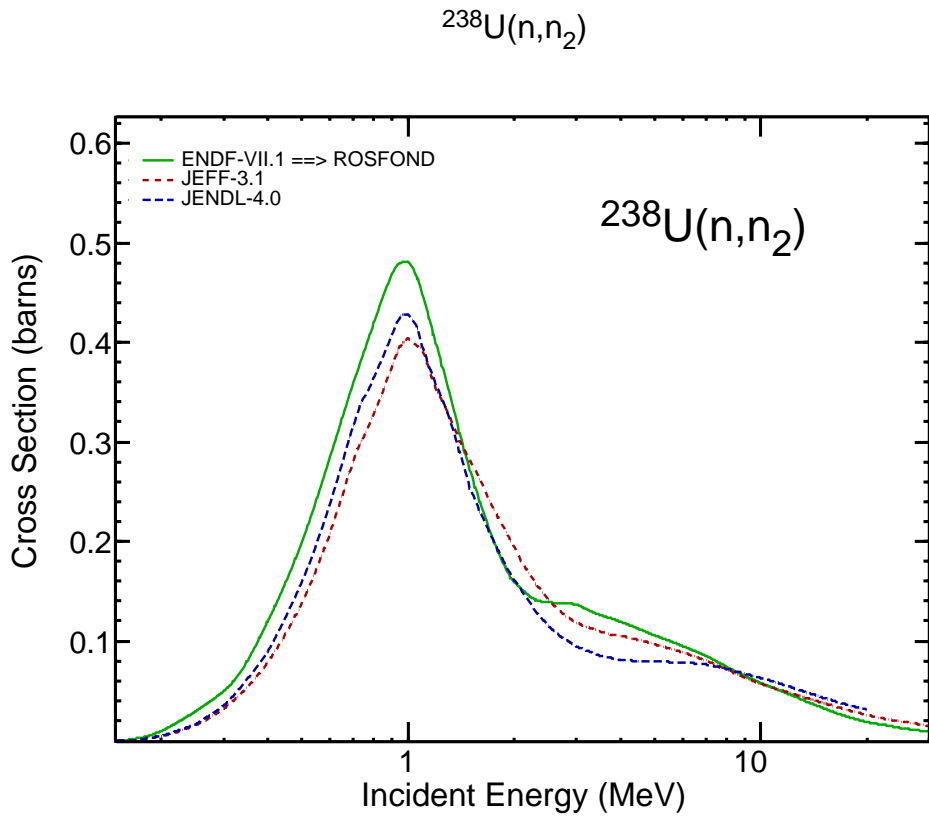


Figure 35: ^{238}U inelastic to the second excited state

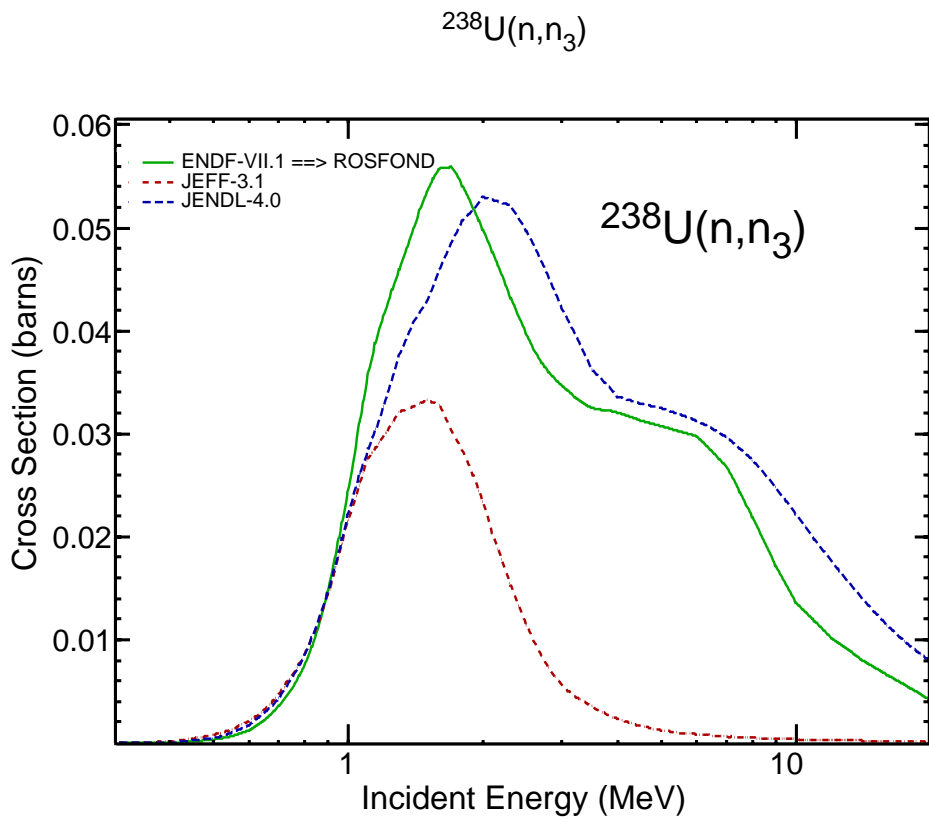


Figure 36: ^{238}U inelastic to the third excited state

^{238}U μ -bar

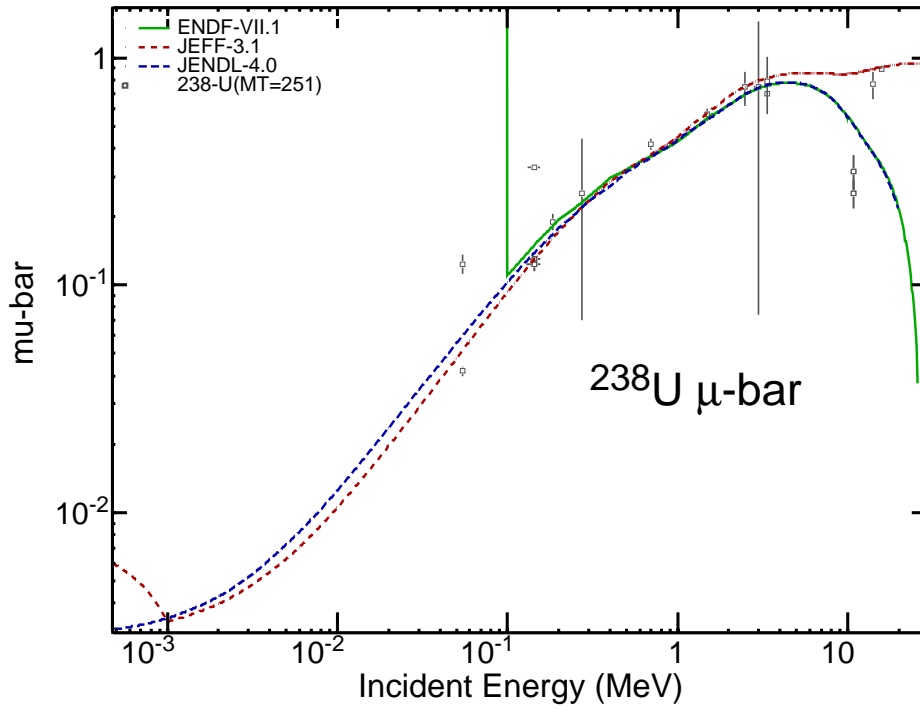


Figure 37: ^{238}U average scattering cosine

^{238}U ν -bar

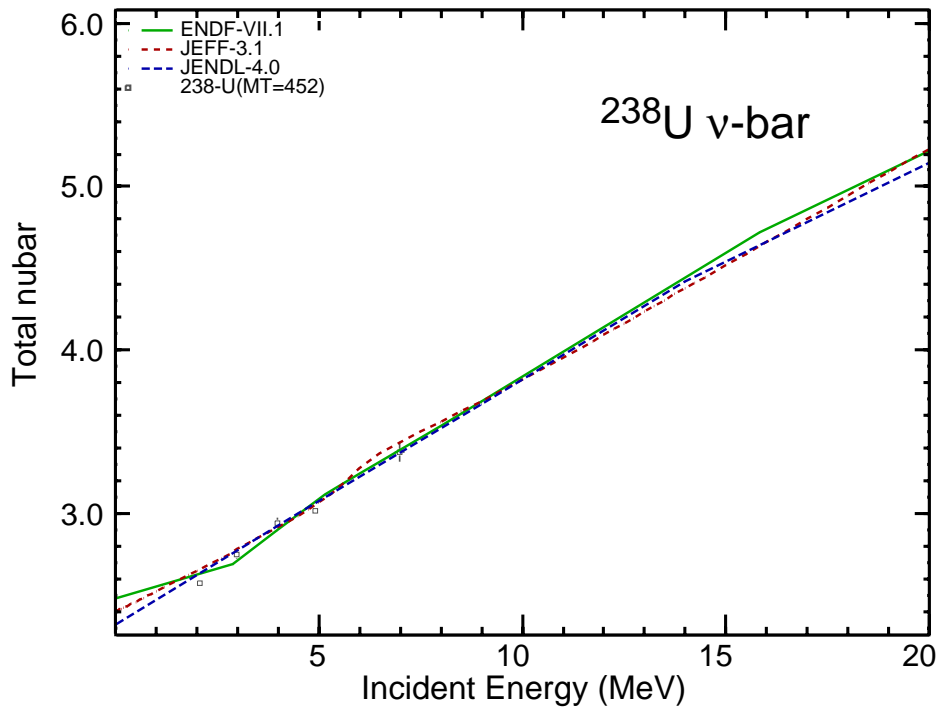


Figure 38: ^{238}U average number of prompt fission neutrons

^{238}U PFNS $E_n=1.32$ MeV

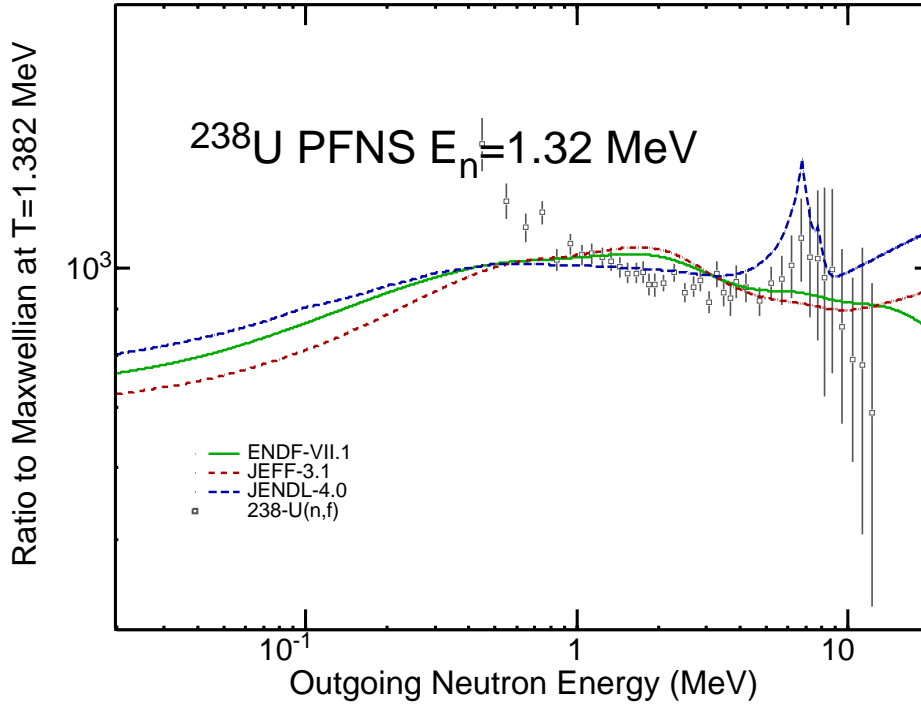


Figure 39: ^{238}U prompt fission neutron spectrum

^{238}U PFNS $E_n=14.3$ MeV

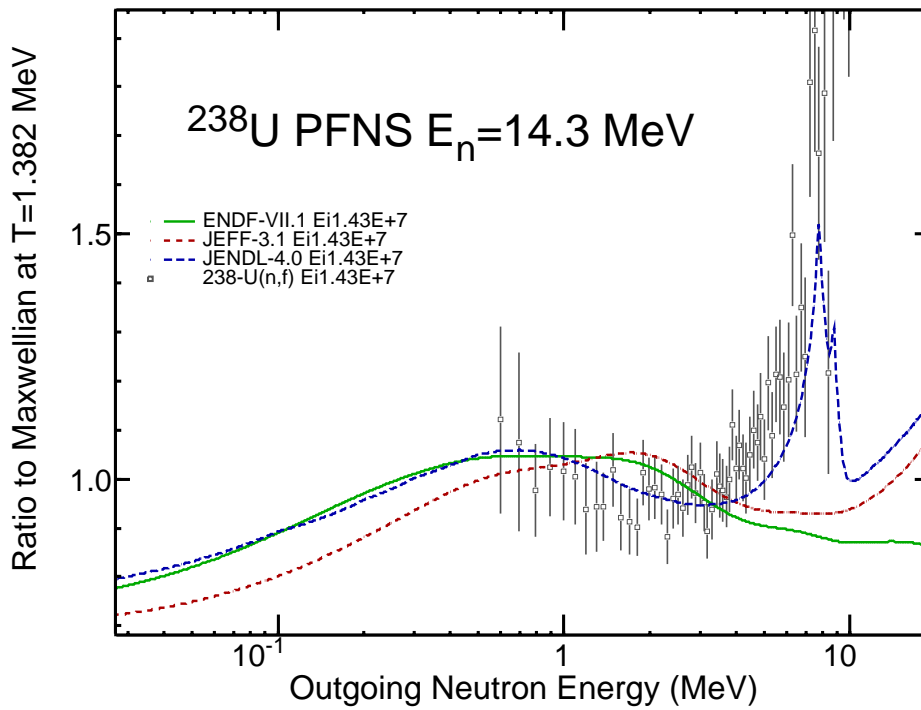


Figure 40: ^{238}U prompt fission neutron spectrum

^{238}U PFNS $E_n=16$ MeV

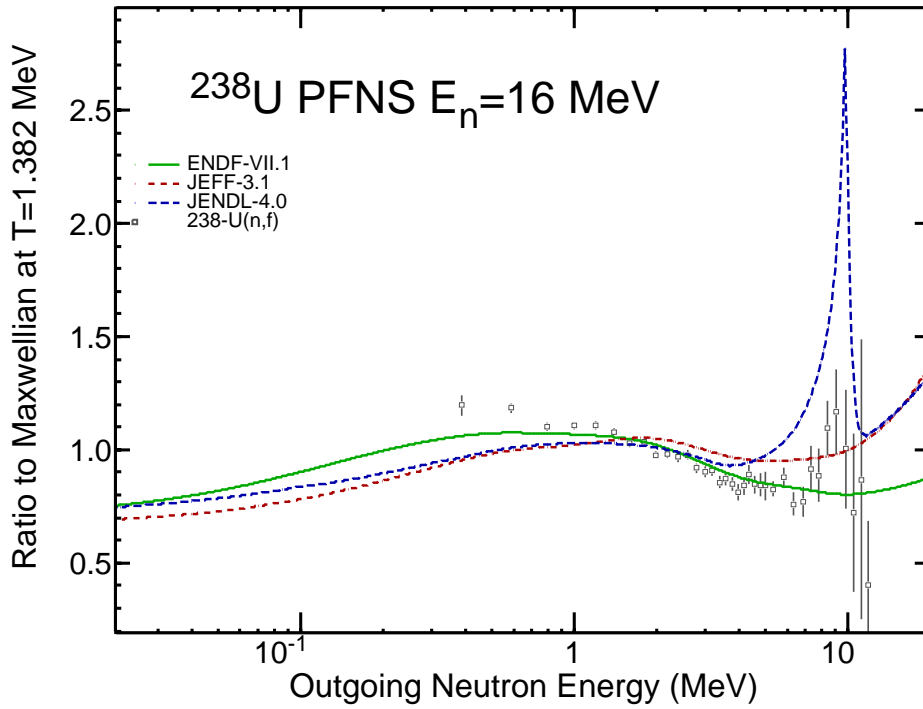


Figure 41: ^{238}U prompt fission neutron spectrum
 ^{238}U PFNS $E_n=17.7$ MeV

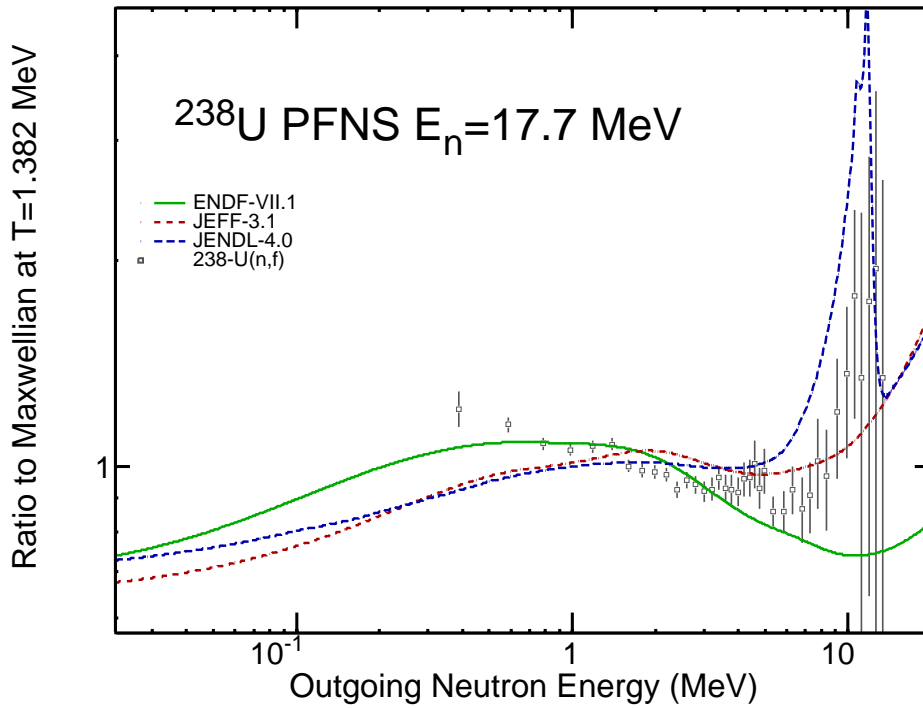


Figure 42: ^{238}U prompt fission neutron spectrum

^{238}U PFNS $E_n=2.9$ MeV

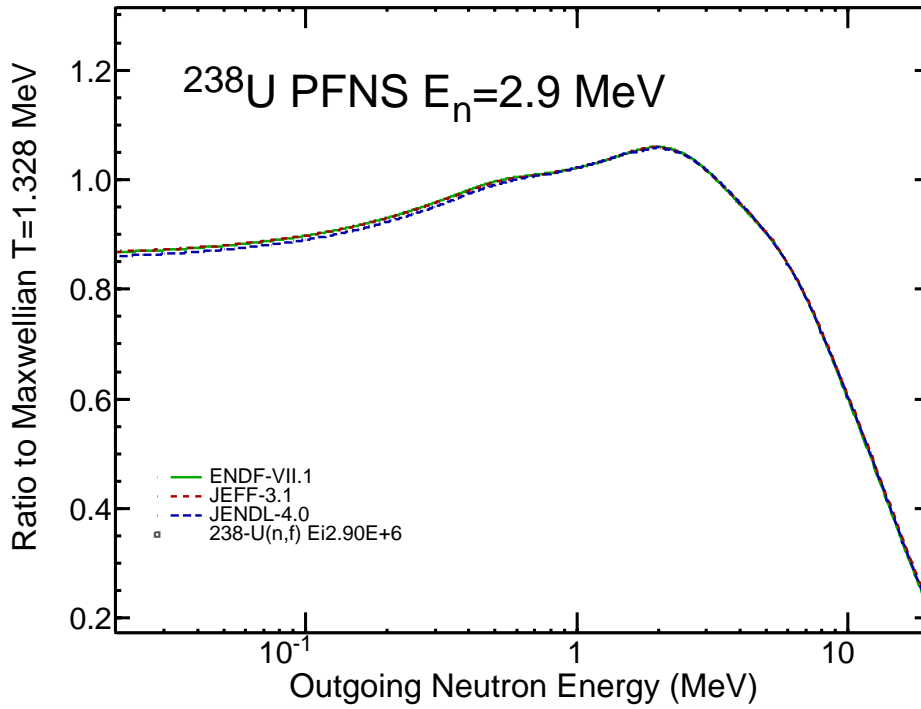


Figure 43: ^{238}U prompt fission neutron spectrum

^{238}U PFNS $E_n=5.0$ MeV

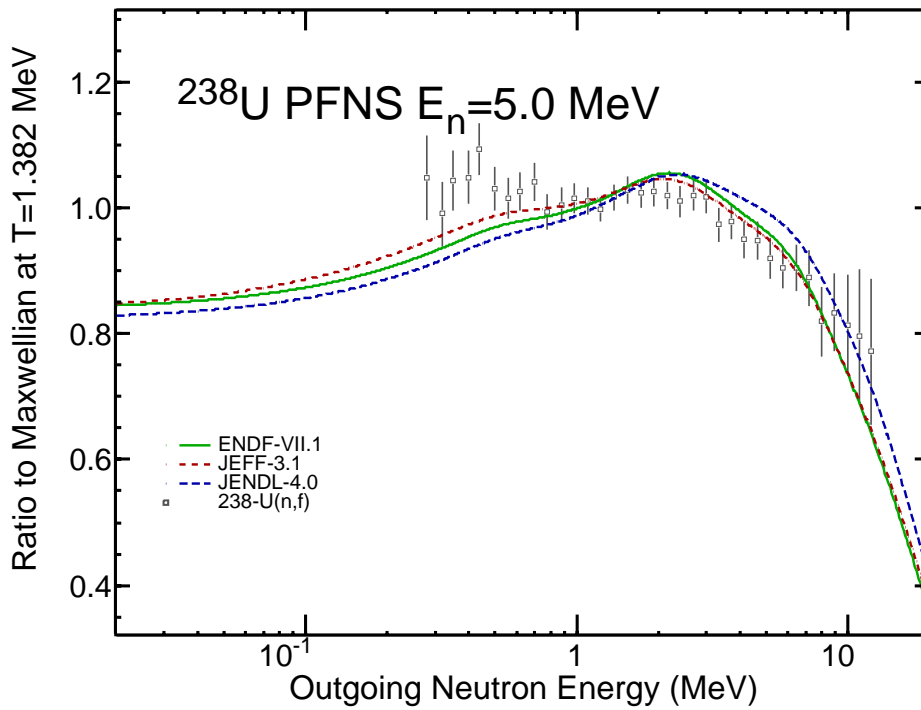


Figure 44: ^{238}U prompt fission neutron spectrum

^{238}U PFNS $E_n=6.0$ MeV

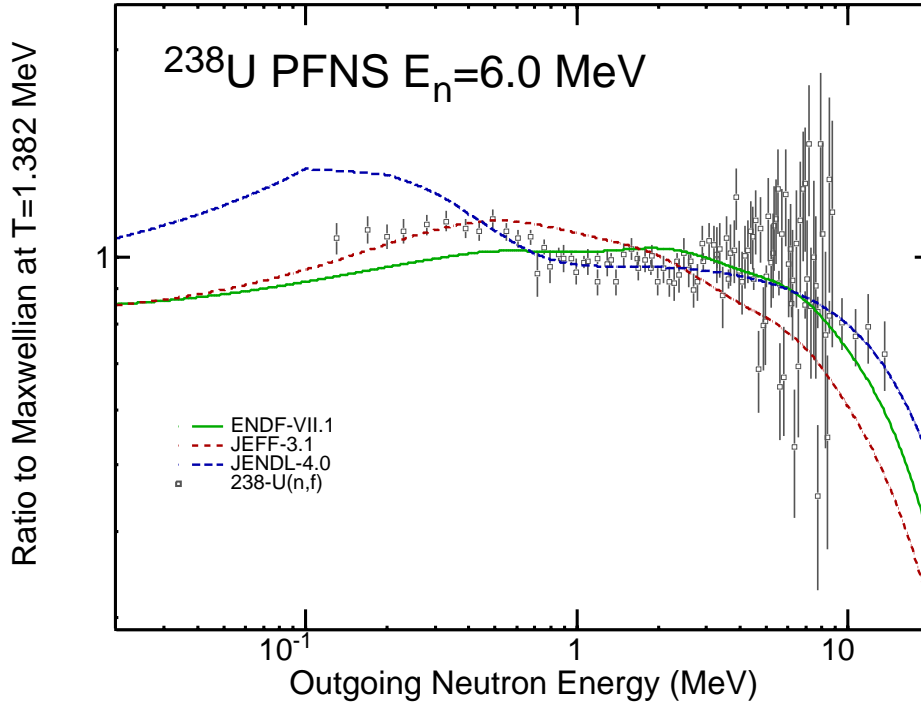


Figure 45: ^{238}U prompt fission neutron spectrum

^{238}U PFNS $E_n=7.0$ MeV

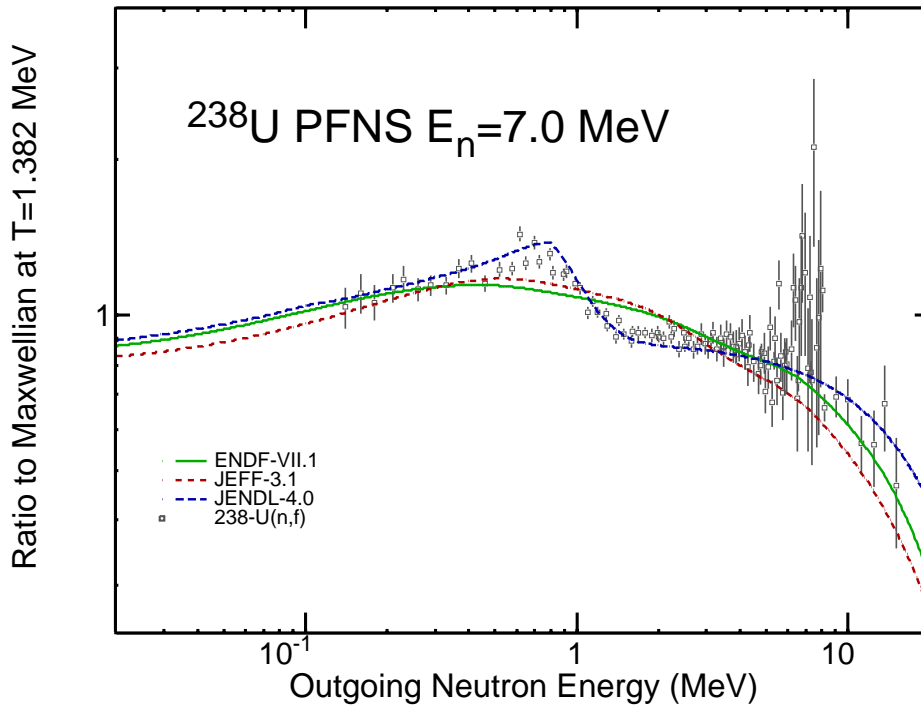


Figure 46: ^{238}U prompt fission neutron spectrum

^{238}U PFNS $E_n=8.01$ MeV

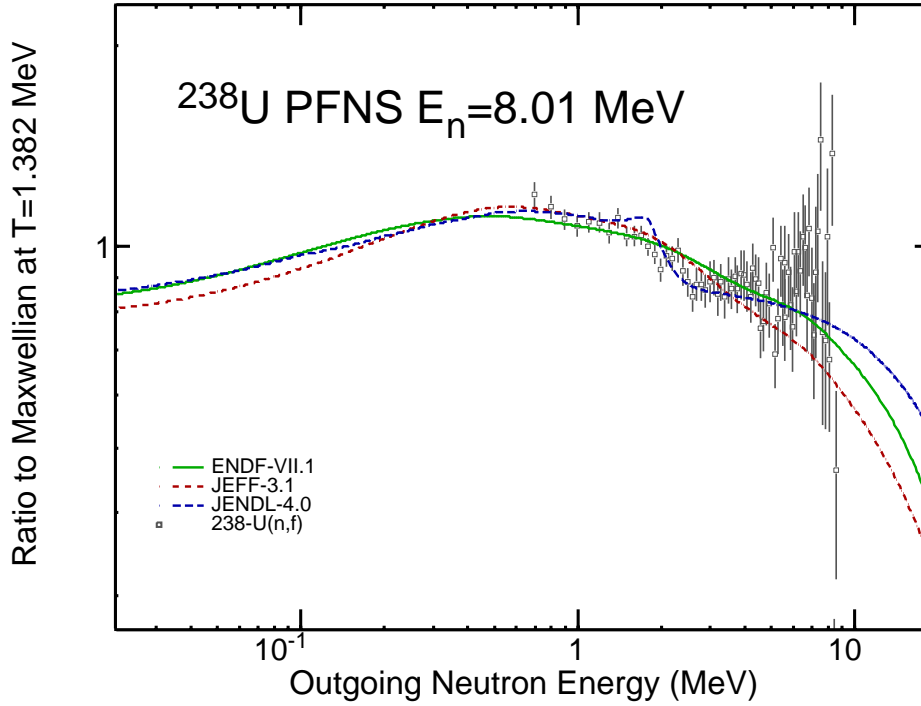


Figure 47: ^{238}U prompt fission neutron spectrum

^{238}U PFNS $E_n=8.94$ MeV

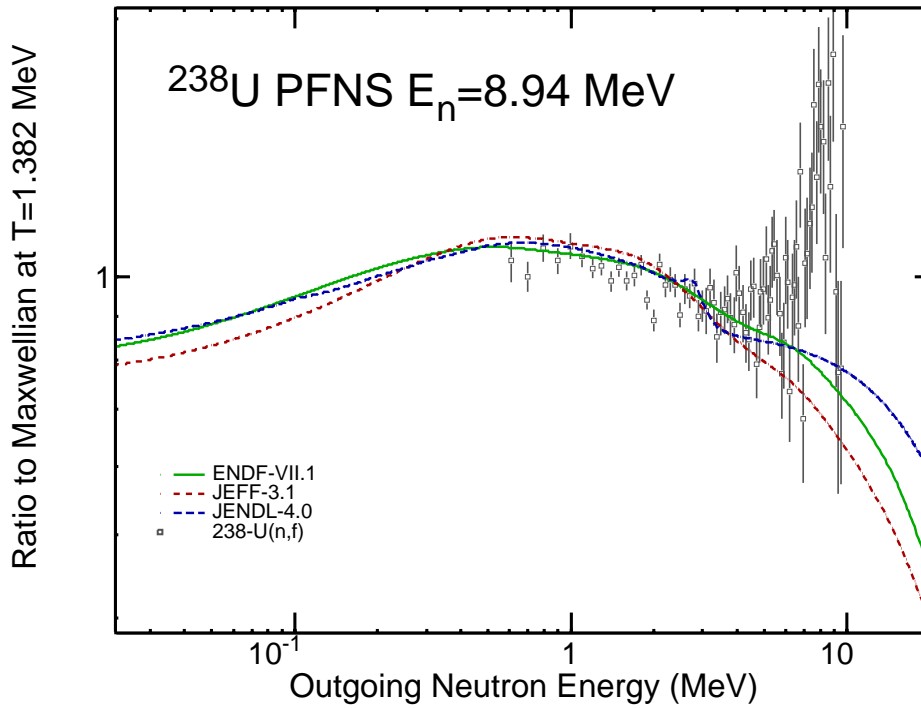


Figure 48: ^{238}U prompt fission neutron spectrum

$^{239}\text{Pu}(n,\text{tot})$

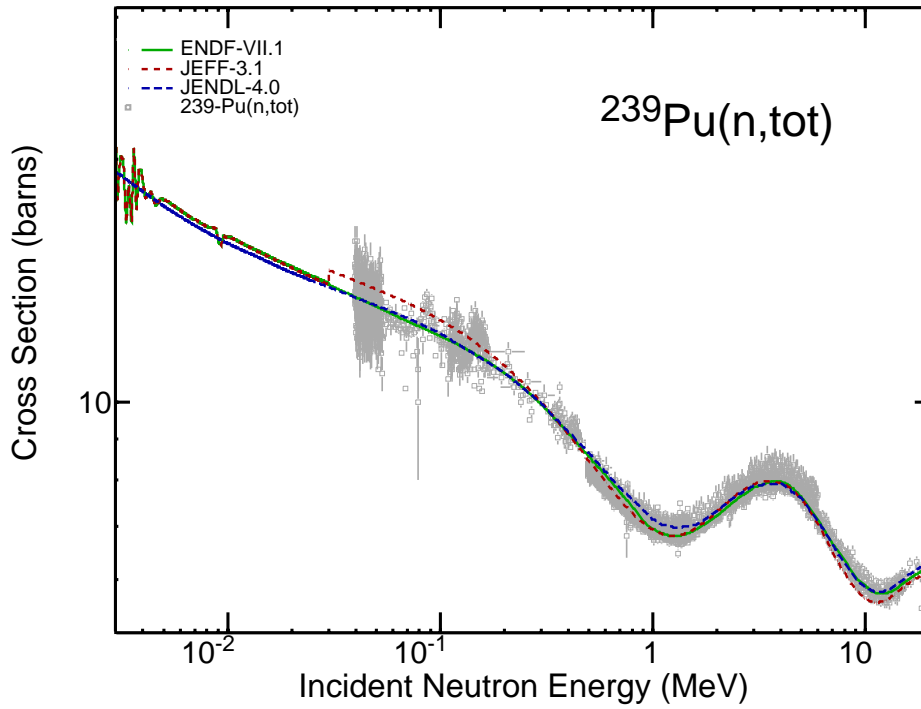


Figure 49: ^{239}Pu total cross section

$^{239}\text{Pu}(n,\text{ela})$

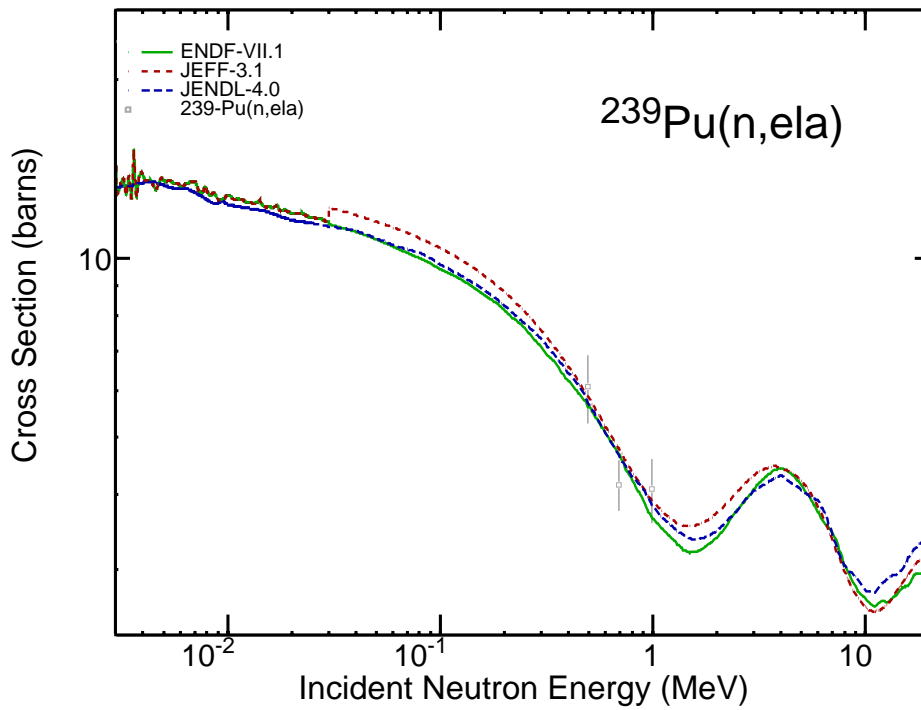
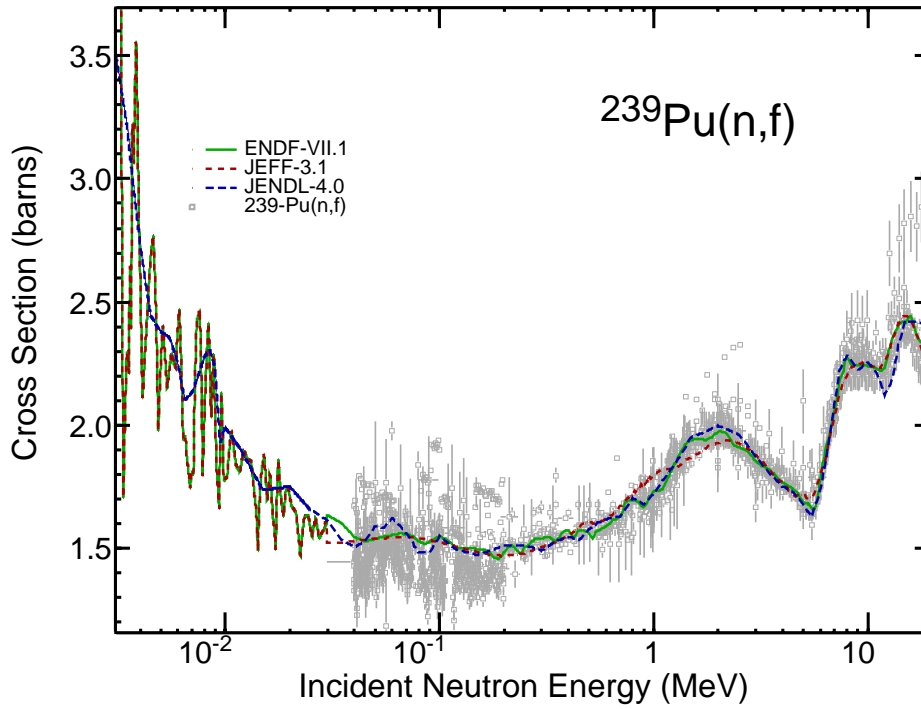
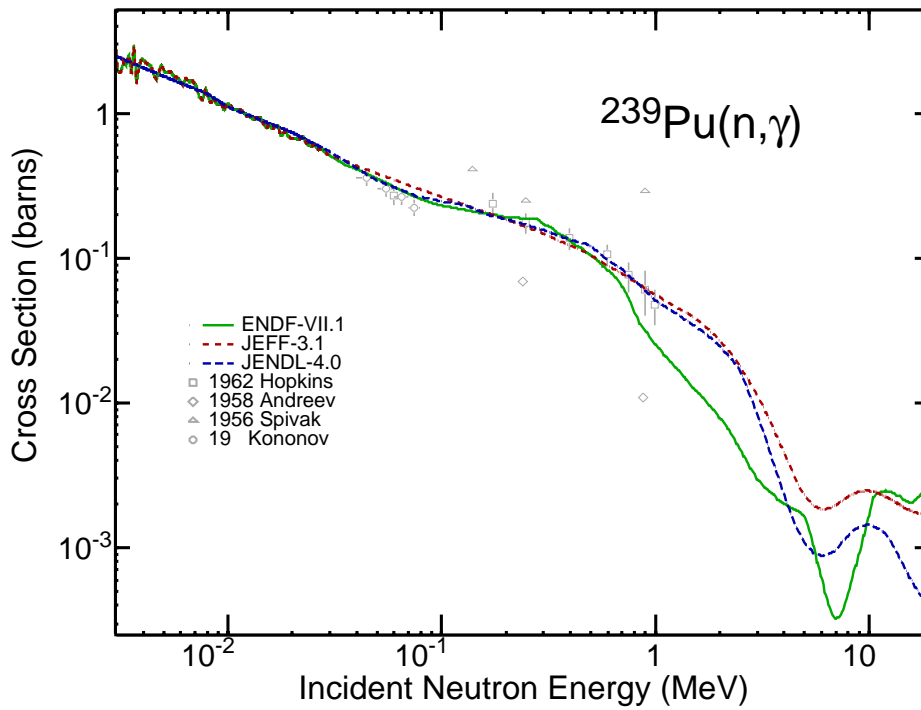


Figure 50: ^{239}Pu elastic scattering cross section

$^{239}\text{Pu}(n,f)$ Figure 51: ^{239}Pu fission cross section $^{239}\text{Pu}(n,\gamma)$ Figure 52: ^{239}Pu radiative capture cross section

$^{239}\text{Pu}(n,2n)$

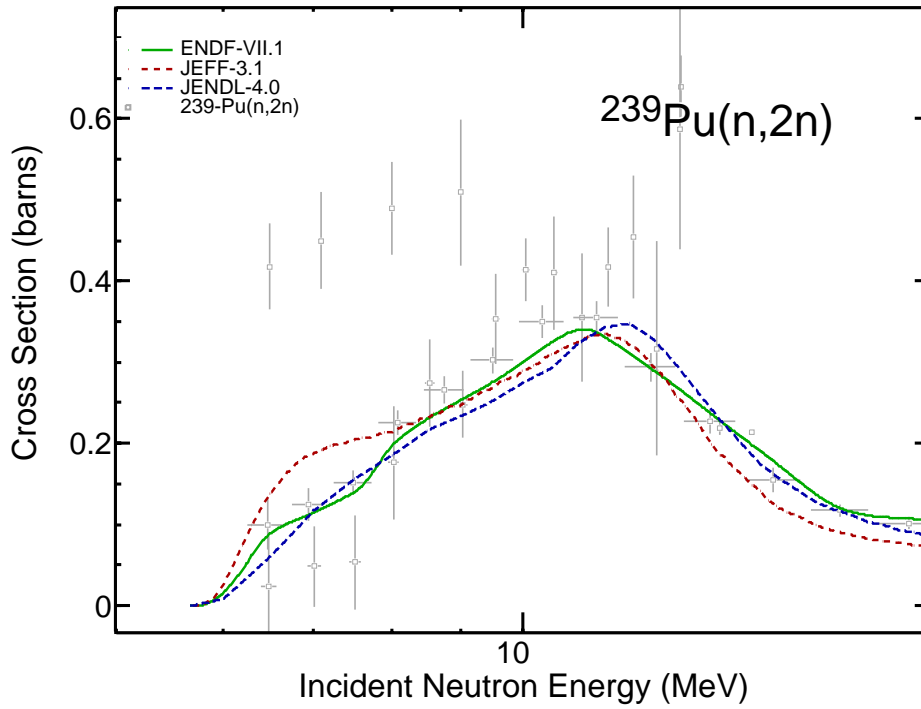


Figure 53: $^{239}\text{Pu}(n,2n)$ reaction cross section

$^{239}\text{Pu}(n,3n)$

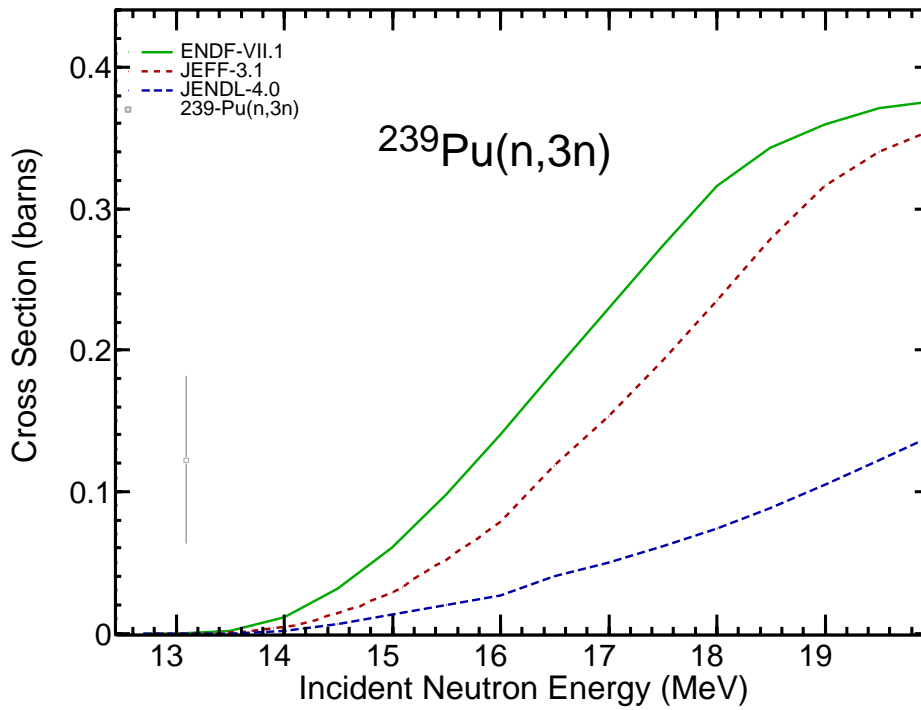


Figure 54: $^{239}\text{Pu}(n,3n)$ reaction cross section

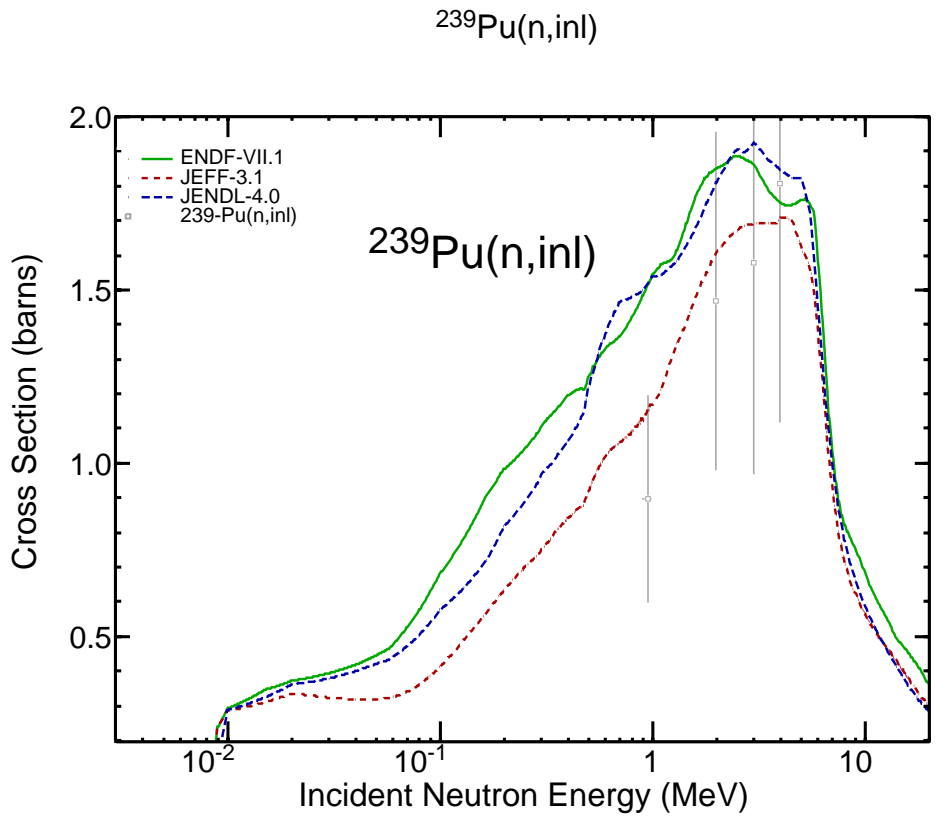


Figure 55: ^{239}Pu total inelastic scattering cross section

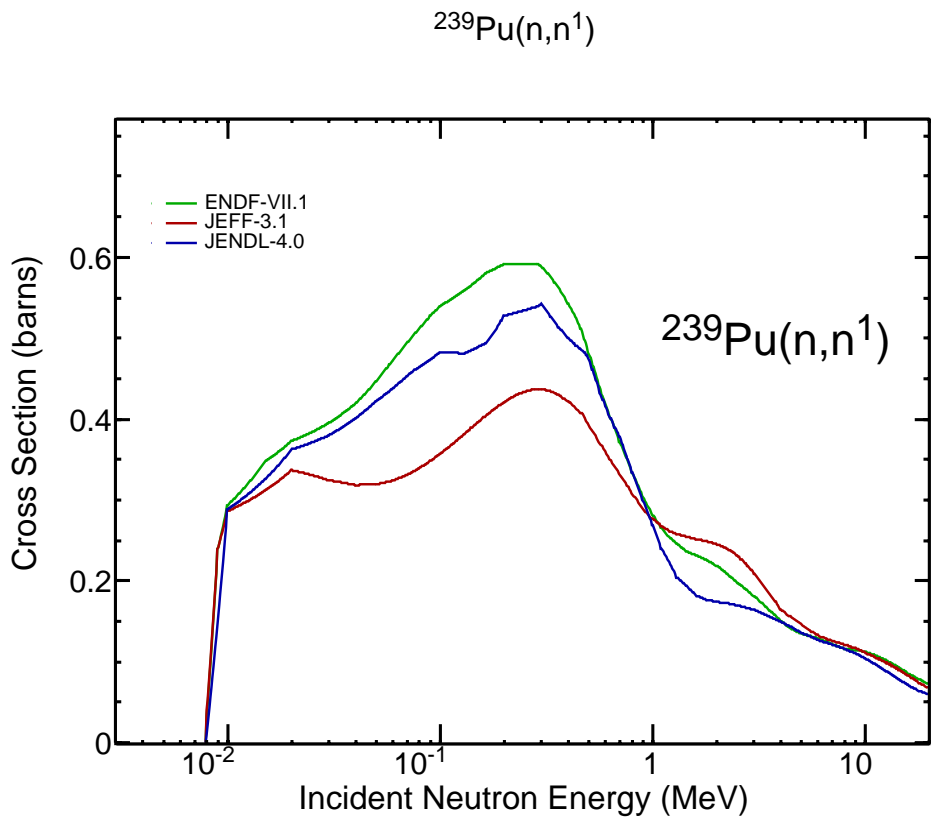


Figure 56: ^{239}Pu inelastic to the first excited state

$^{239}\text{Pu}(n,n^2)$

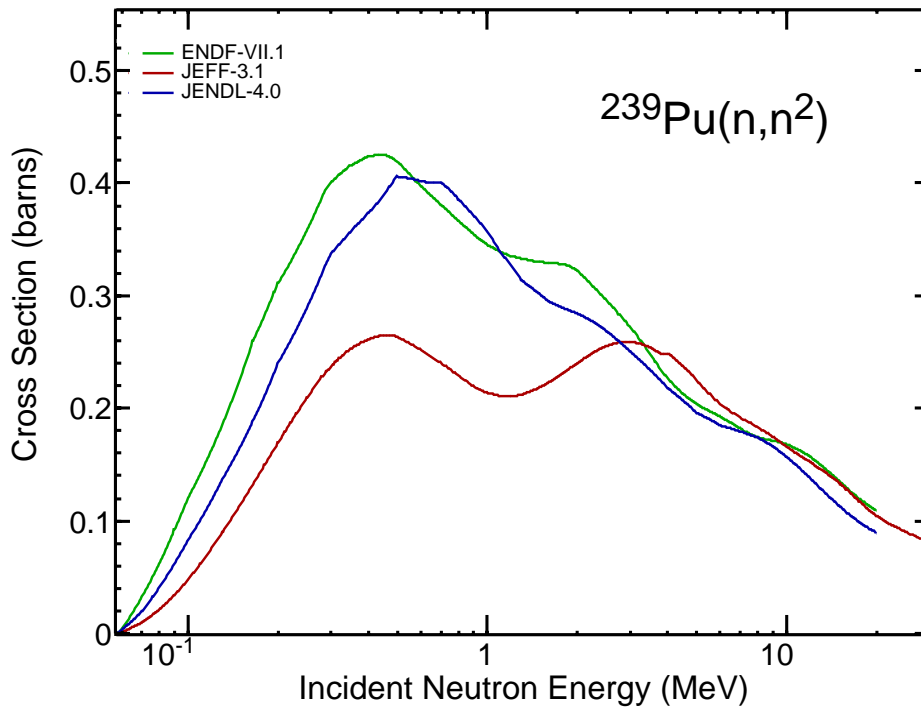


Figure 57: ^{239}Pu inelastic to the second excited state

$^{239}\text{Pu}(n,n^3)$

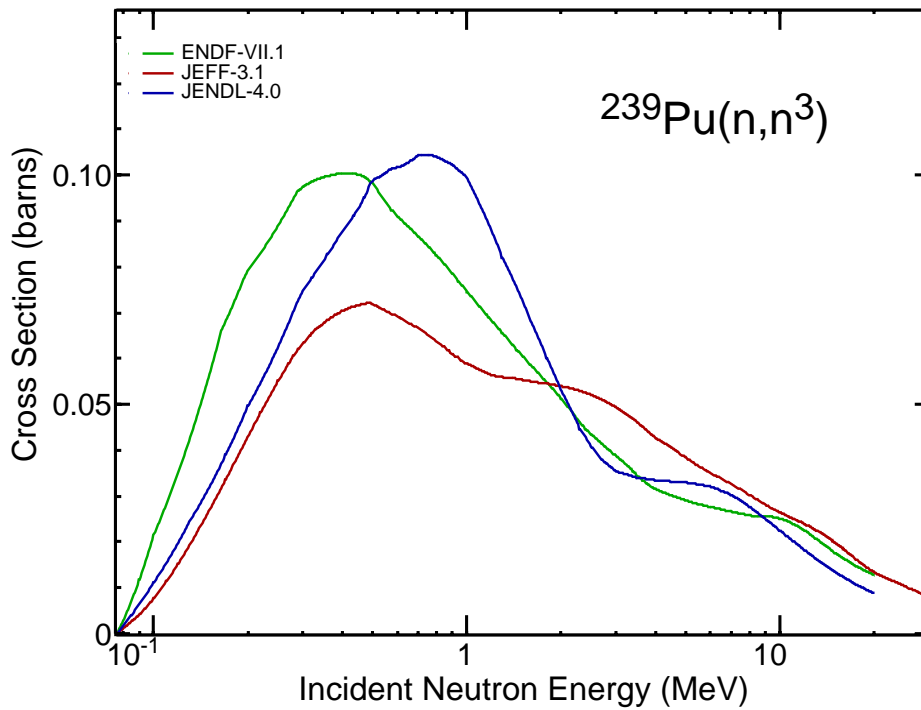


Figure 58: ^{239}Pu inelastic to the third excited state

^{239}Pu $\mu\text{-bar}$

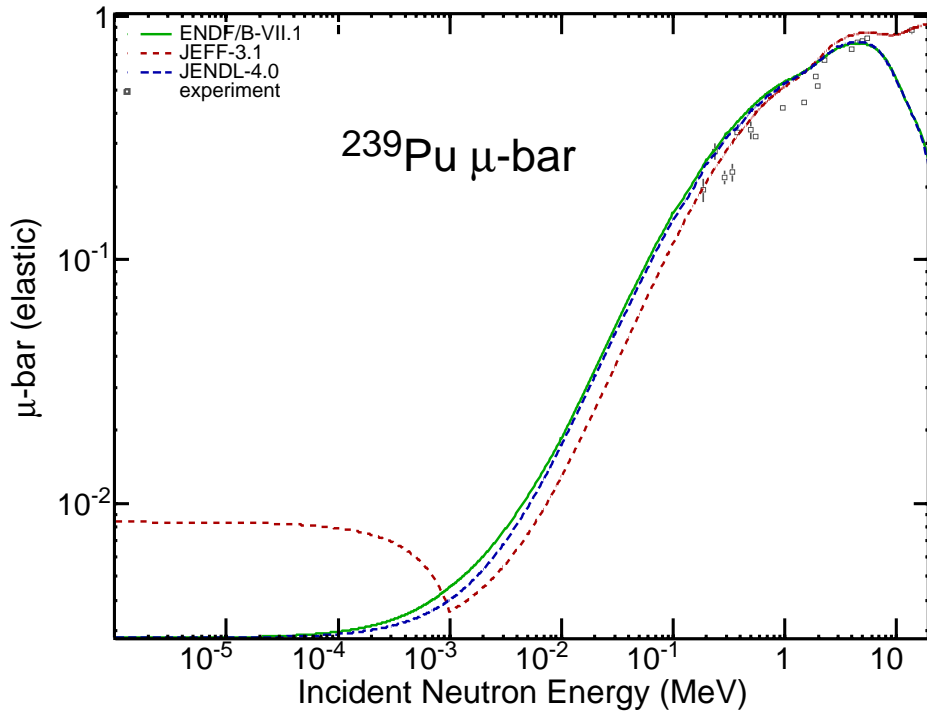


Figure 59: ^{239}Pu average scattering cosine
 ^{239}Pu prompt $\nu\text{-bar}$

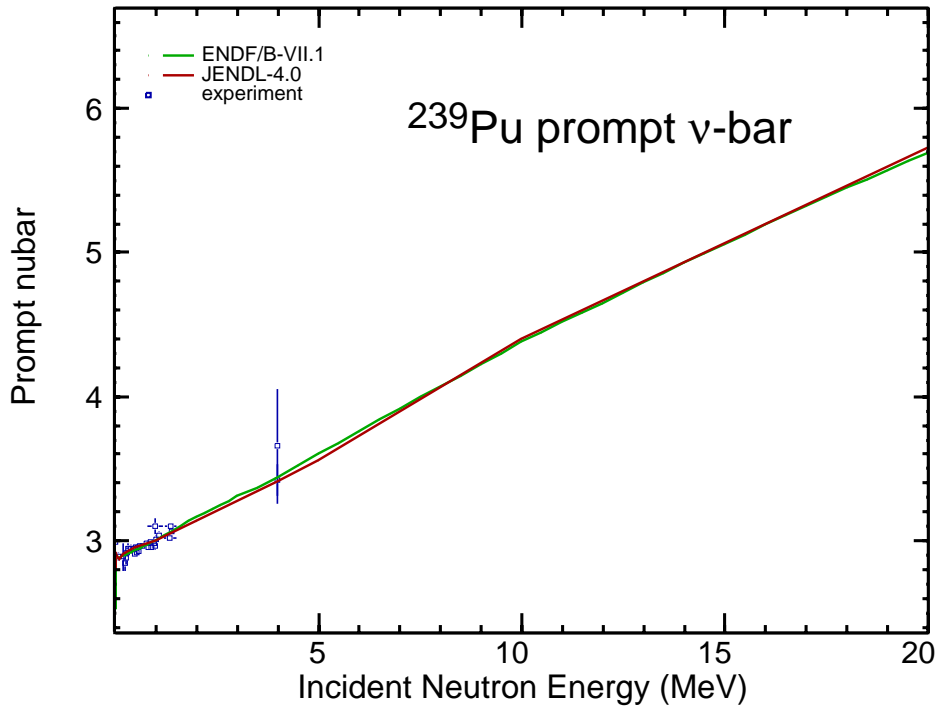


Figure 60: ^{239}Pu average number of prompt fission neutrons

$^{239}\text{Pu}(n,f)$ PFNS
Maxwellian $T=1.382$ MeV

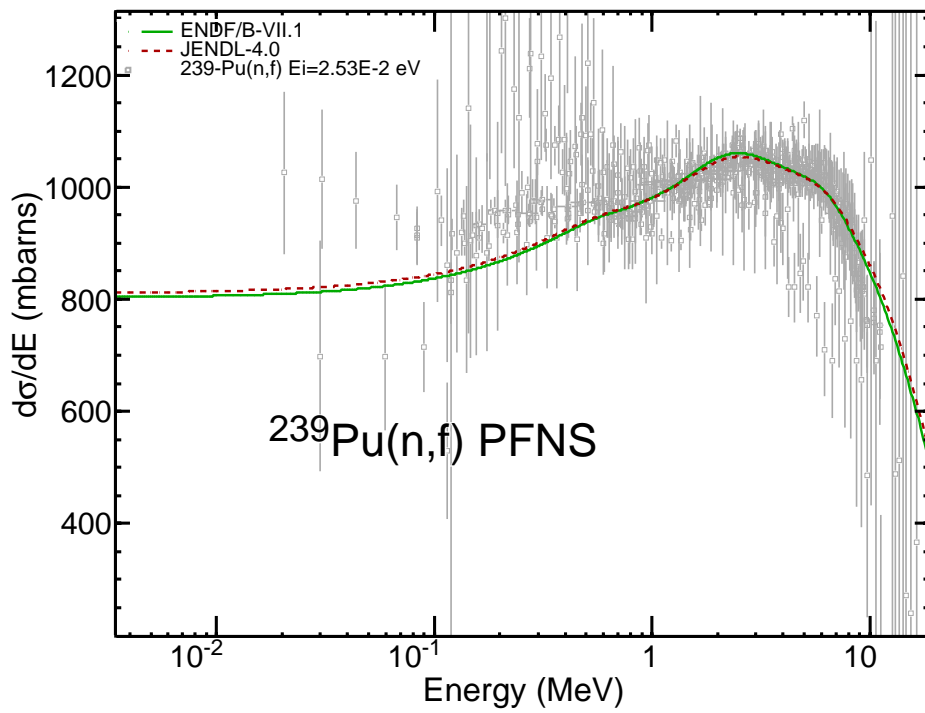


Figure 61: ^{239}Pu prompt fission neutron spectrum