Figure 1: $^{235}\text{U}$ total cross section

Figure 2: $^{235}\text{U}$ elastic scattering cross section
Figure 3: $^{235}$U fission cross section

Figure 4: $^{235}$U fission cross section
Figure 5: $^{235}$U fission cross section
Figure 6: $^{235}\text{U}$ radiative capture cross section

Figure 7: $^{235}\text{U}$ radiative capture cross section
Figure 8: $^{235}\text{U}$(n,2n) reaction cross section

Figure 9: $^{235}\text{U}$(n,3n) reaction cross section
Figure 10: $^{235}\text{U}$ total inelastic scattering cross section

Figure 11: $^{235}\text{U}$ inelastic to the first excited state
Figure 12: $^{235}\text{U}$ inelastic to the second excited state

Figure 13: $^{235}\text{U}$ inelastic to the third excited state
$^{235}\text{U}(n,f)$ PFNS $E_{\text{inc}} = 14.7$ MeV.

Figure 14: $^{235}\text{U}$ prompt fission neutron spectrum

$^{235}\text{U}(n,f)$ PFNS $E_{\text{inc}} = 15.0$ MeV.

Figure 15: $^{235}\text{U}$ prompt fission neutron spectrum
Figure 16: $^{235}\text{U}$ prompt fission neutron spectrum

Figure 17: $^{235}\text{U}$ prompt fission neutron spectrum
Figure 18: $^{235}\text{U}$ prompt fission neutron spectrum

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

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

$^{235}\text{U}(n,f)$ PFNS $E_{\text{inc}} = 34$ keV
$^{235}\text{U}(n,f) \text{ PFNS } E_{\text{inc}}=0.0253 \text{ eV}$

Figure 20: $^{235}\text{U}$ prompt fission neutron spectrum

$^{235}\text{U} \mu$-bar

Figure 21: $^{235}\text{U}$ average scattering cosine
Figure 22: $^{235}\text{U}$ average number of prompt fission neutrons

Figure 23: $^{235}\text{U}$ average number of total fission neutrons
Figure 24: $^{238}$U total cross section

Figure 25: $^{238}$U elastic scattering cross section
Figure 26: $^{238}$U fission cross section

Figure 27: $^{238}$U fission cross section
Figure 28: $^{238}$U fission cross section

Figure 29: $^{238}$U fission cross section
<table>
<thead>
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<th>Incident Energy (MeV)</th>
<th>Cross Section (barns)</th>
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</tbody>
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$^{238}$U($n,\gamma$)

ENDF-VII.1 ==> ROSFOND
JEFF-3.1
JENDL-4.0
$^{238}$-U($n,g$)

Figure 30: $^{238}$U radiative capture cross section
Figure 31: $^{238}$U (n,2n) reaction cross section

Figure 32: $^{238}$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
Figure 37: $^{238}\text{U}$ average scattering cosine

Figure 38: $^{238}\text{U}$ average number of prompt fission neutrons
Figure 39: $^{238}$U prompt fission neutron spectrum

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

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

$^{238}$U PFNS $E_n=14.3$ MeV
Figure 41: $^{238}$U prompt fission neutron spectrum

Figure 42: $^{238}$U prompt fission neutron spectrum
Figure 43: $^{238}$U prompt fission neutron spectrum

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

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

$^{238}$U PFNS $E_n=5.0$ MeV
Figure 45: $^{238}$U prompt fission neutron spectrum

Figure 46: $^{238}$U prompt fission neutron spectrum
Figure 47: $^{238}$U prompt fission neutron spectrum

Figure 48: $^{238}$U prompt fission neutron spectrum
Figure 49: $^{239}$Pu total cross section

Figure 50: $^{239}$Pu elastic scattering cross section
Figure 51: $^{239}$Pu fission cross section

Figure 52: $^{239}$Pu radiative capture cross section
Figure 53: $^{239}$Pu (n,2n) reaction cross section

Figure 54: $^{239}$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
Figure 57: $^{239}$Pu inelastic to the second excited state

Figure 58: $^{239}$Pu inelastic to the third excited state
Figure 59: $^{239}\text{Pu}$ average scattering cosine

Figure 60: $^{239}\text{Pu}$ average number of prompt fission neutrons
Figure 61: $^{239}$Pu prompt fission neutron spectrum