

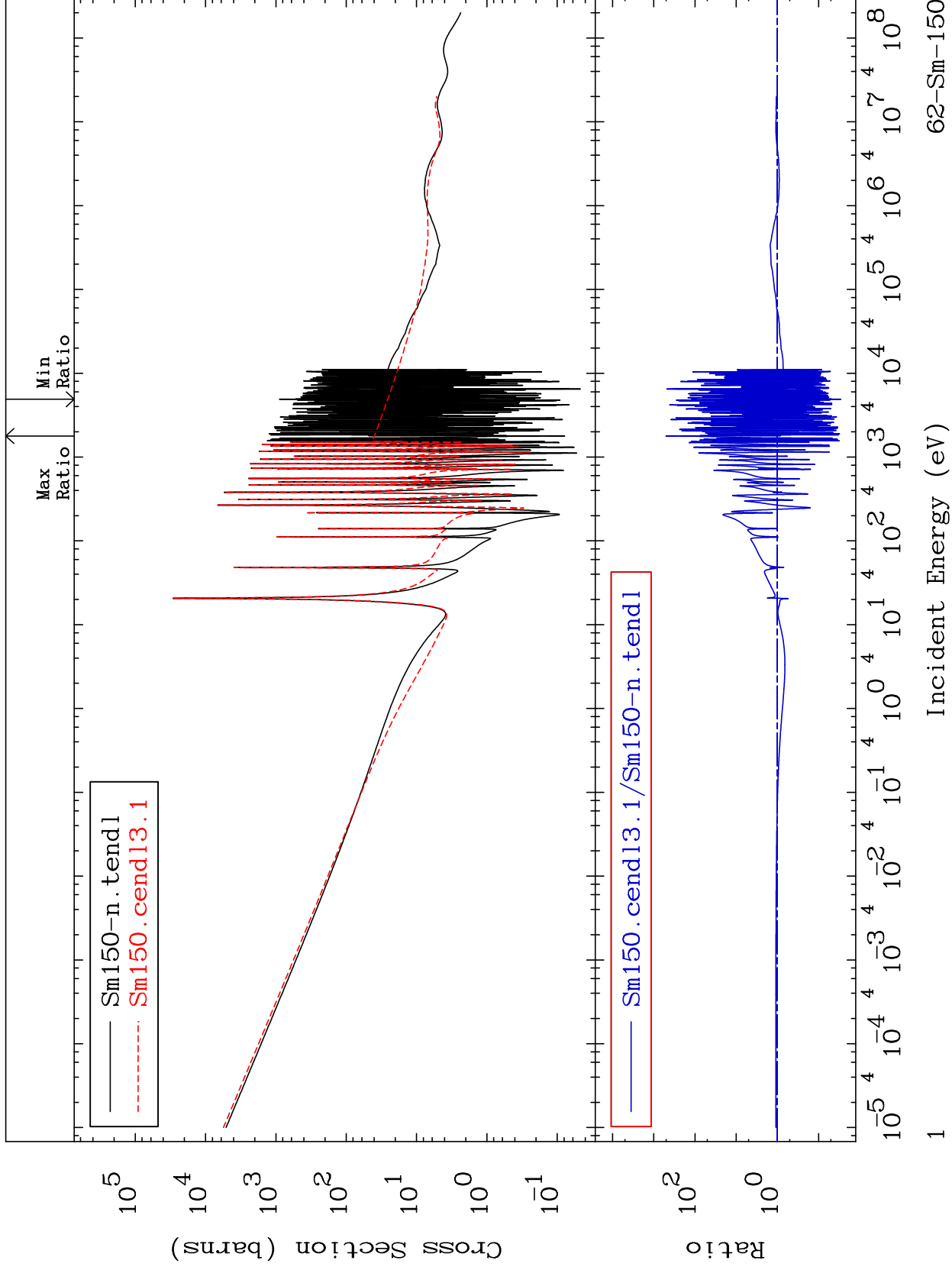
MAT 6243

Total

62-Sm-150

Cross Section

-97.12 To 9999. %

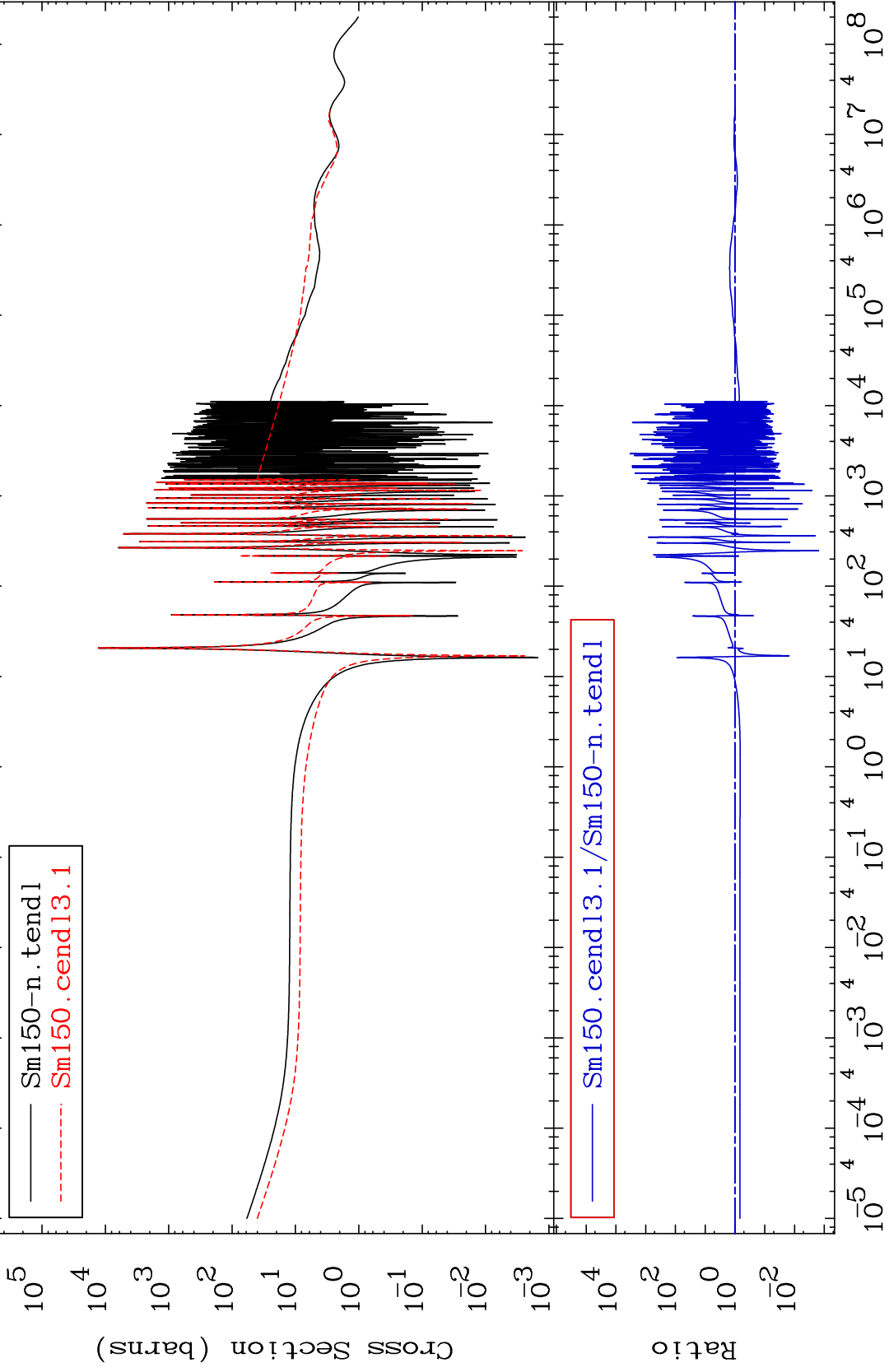


62-Sm-150

MAT 6243

Elastic
Cross Section

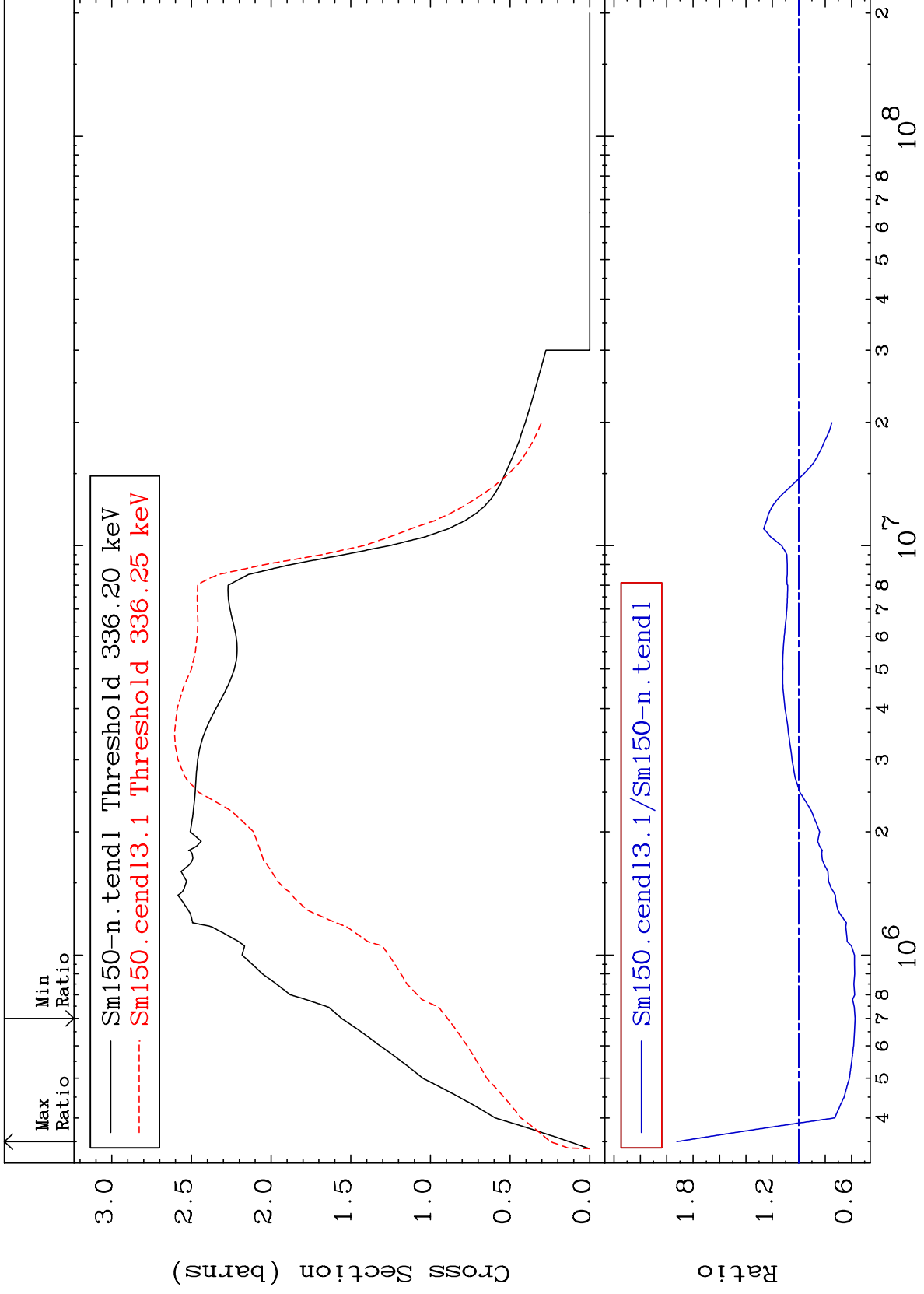
62-Sm-150
-99.84 To 9999. %



MAT 6243

Inelastic
Cross Section

62-Sm-150
-42.71 To 92.28 %



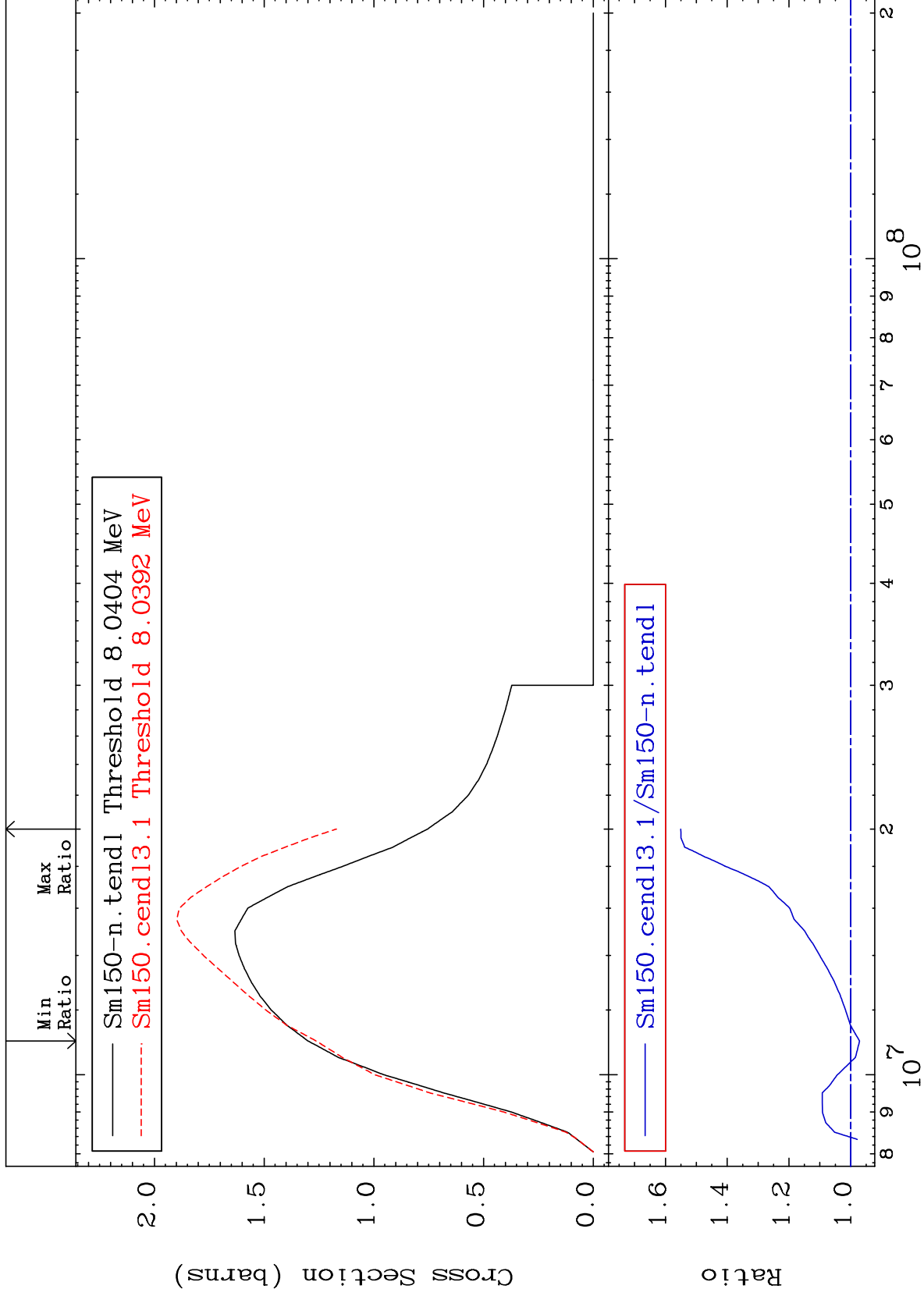
MAT 6243

(n,2n)

62-Sm-150

Cross Section

-2.845 To 55.05 %



4

Incident Energy (eV)

62-Sm-150

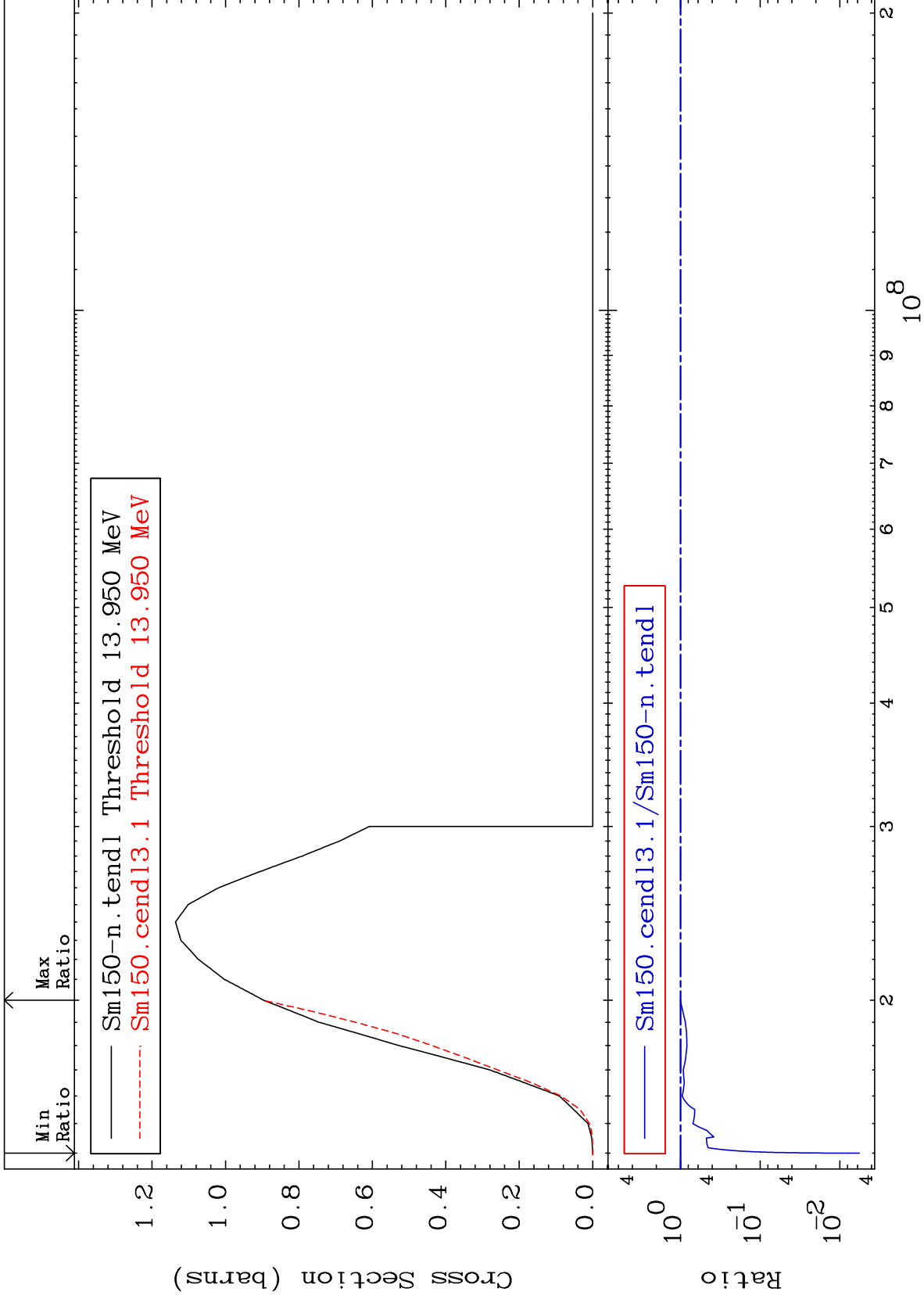
MAT 6243

(n,3n)

62-Sm-150

Cross Section

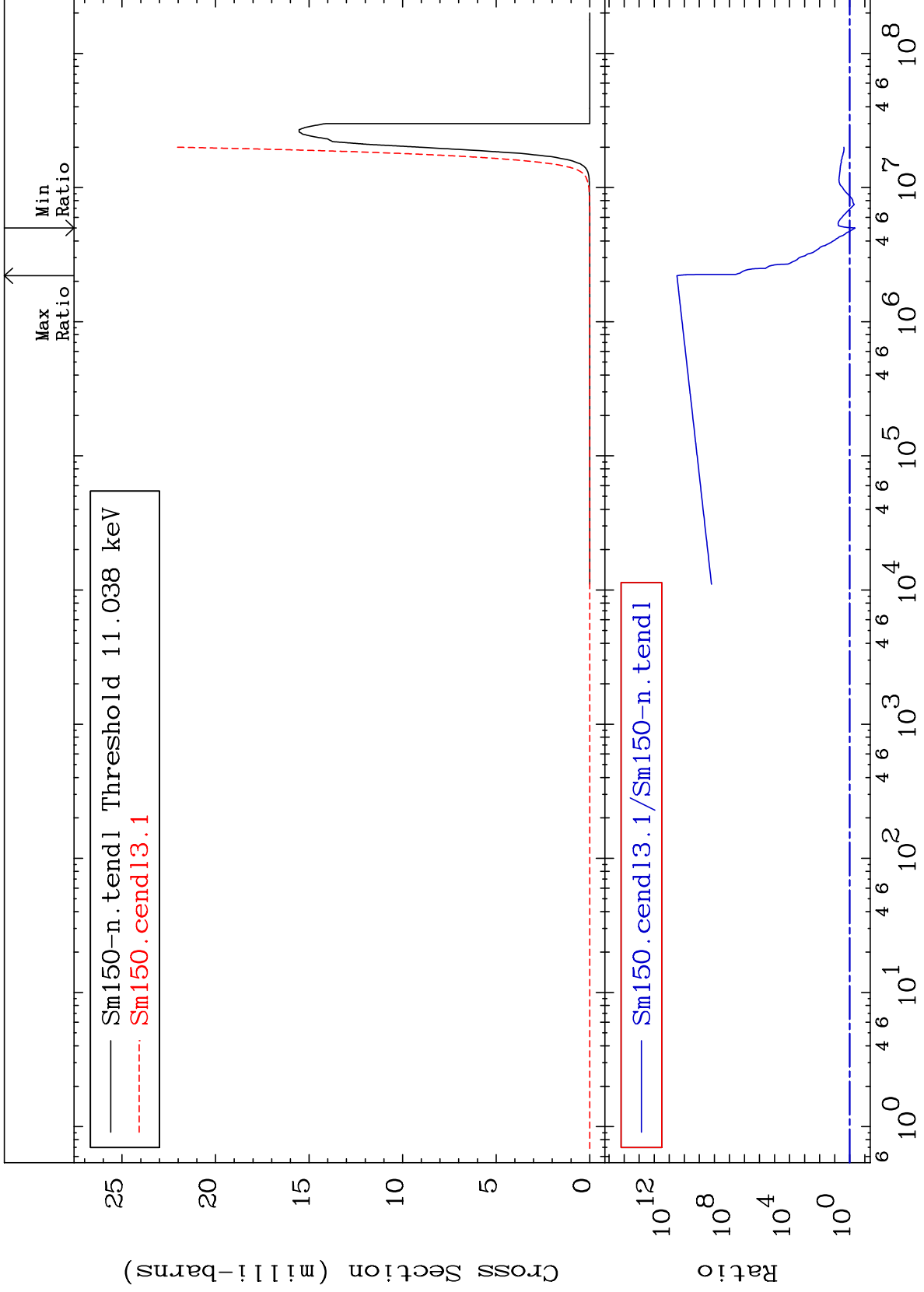
-99.43 To 0.191 %



MAT 6243

$(n, n') \alpha$
Cross Section

62-Sm-150
-56.13 To 9999. %



6

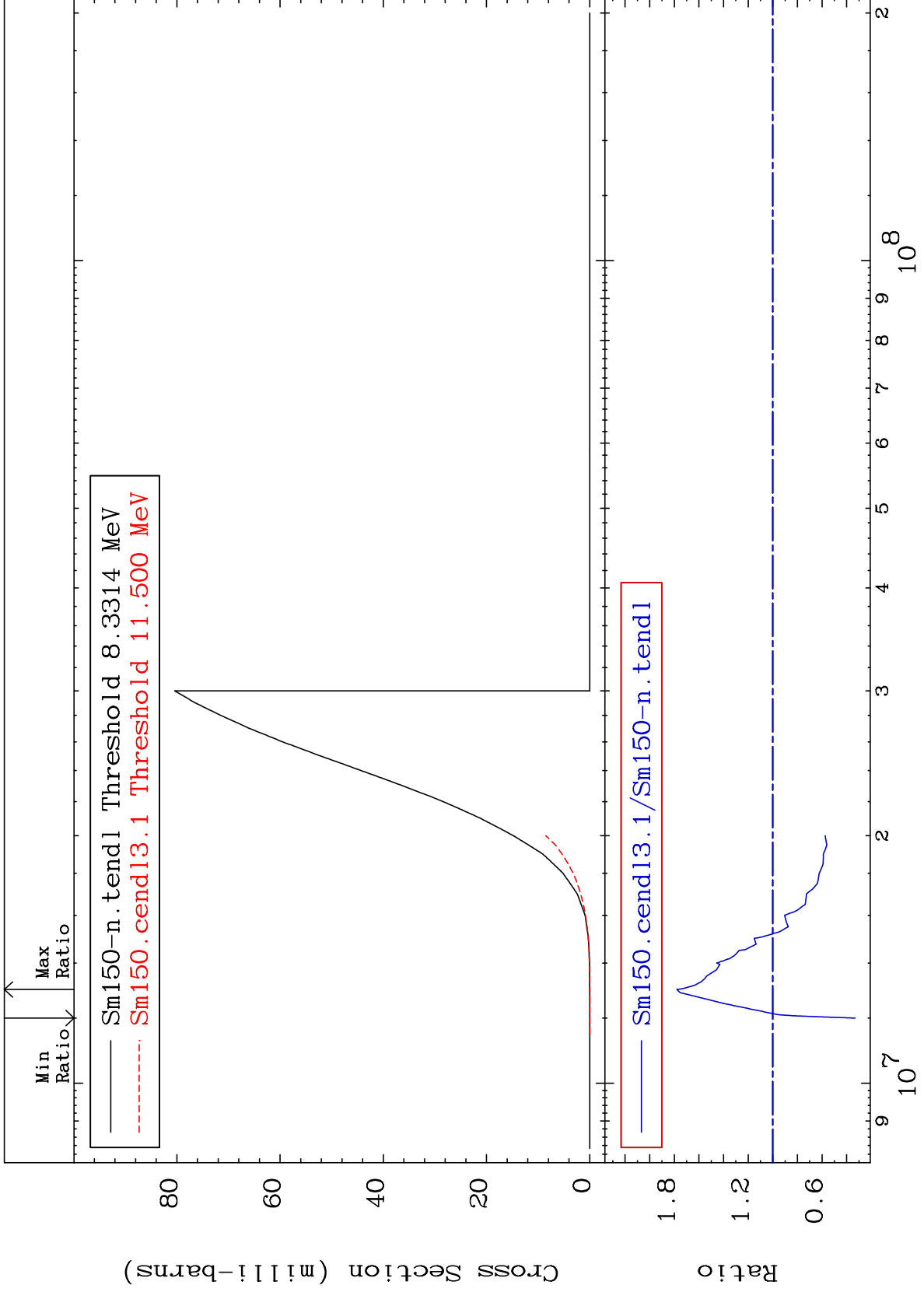
Incident Energy (eV)

62-Sm-150

MAT 6243

(n,n') p
Cross Section

62-Sm-150
-66.88 To 77.86 %



7

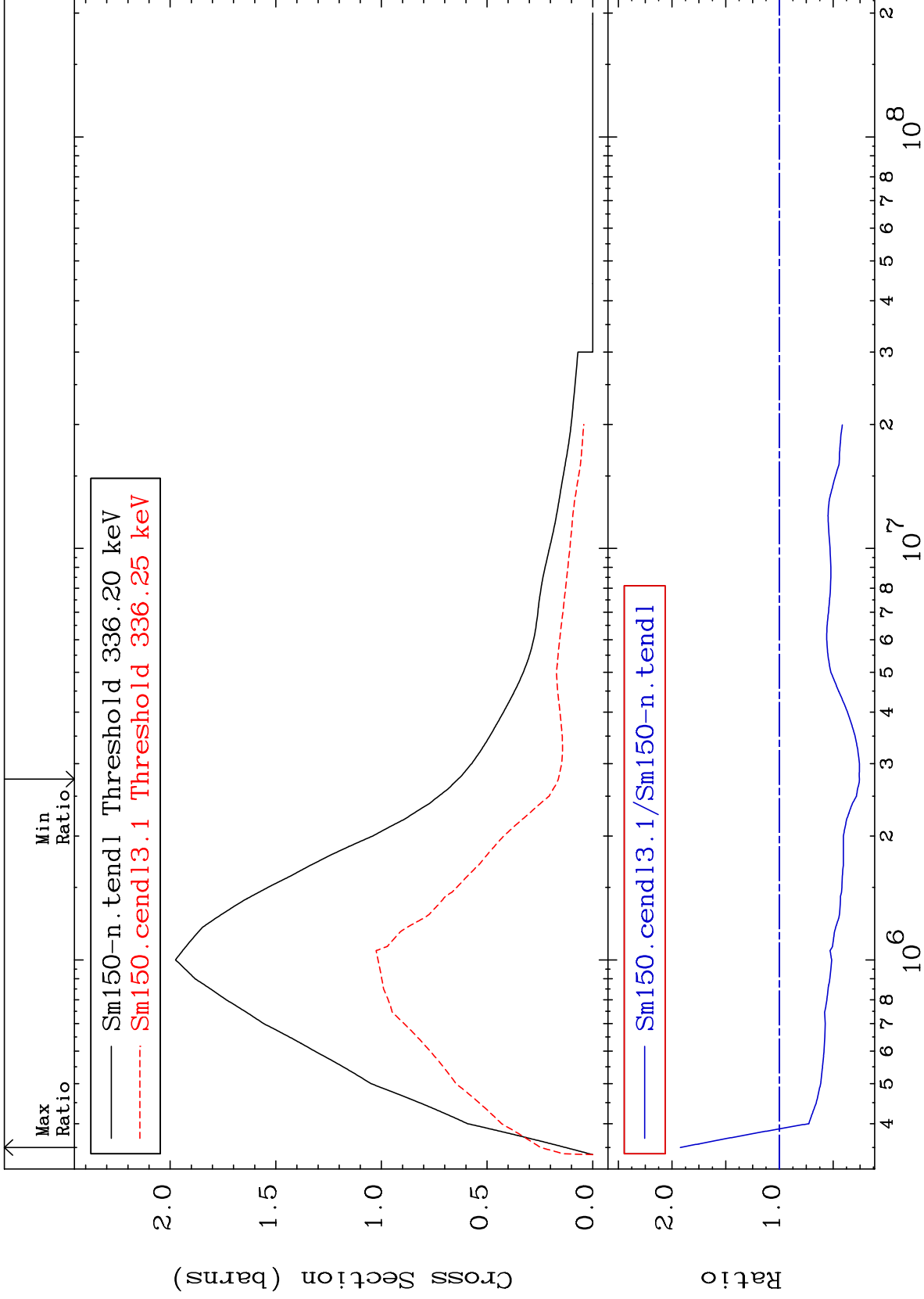
Incident Energy (eV)

62-Sm-150

MAT 6243

334.0 keV (n,n') Level
Cross Section

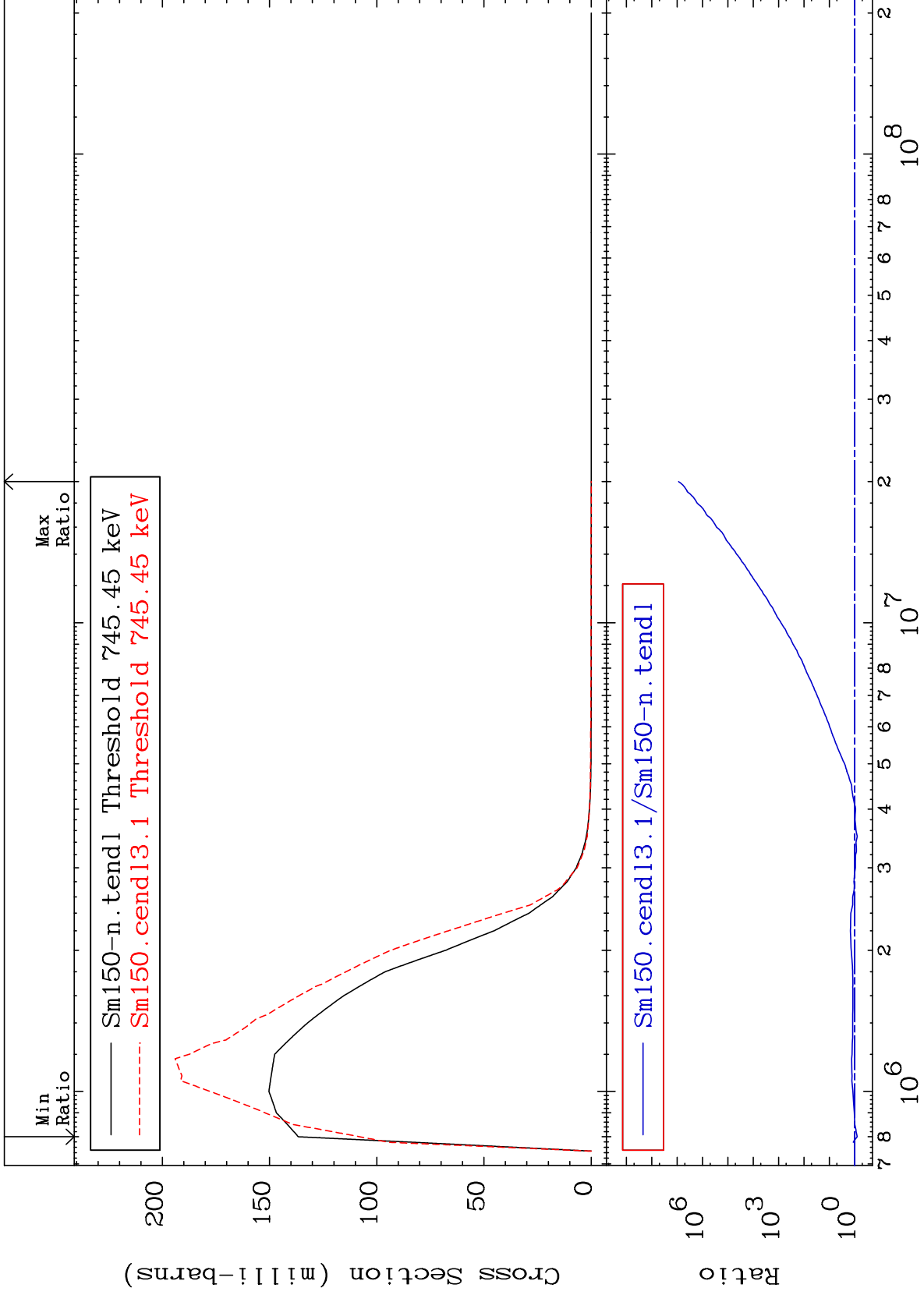
62-Sm-150
-74.49 To 92.28 %



MAT 6243

740.5 keV (n,n') Level
Cross Section

62-Sm-150
-20.98 To 9999. %



9

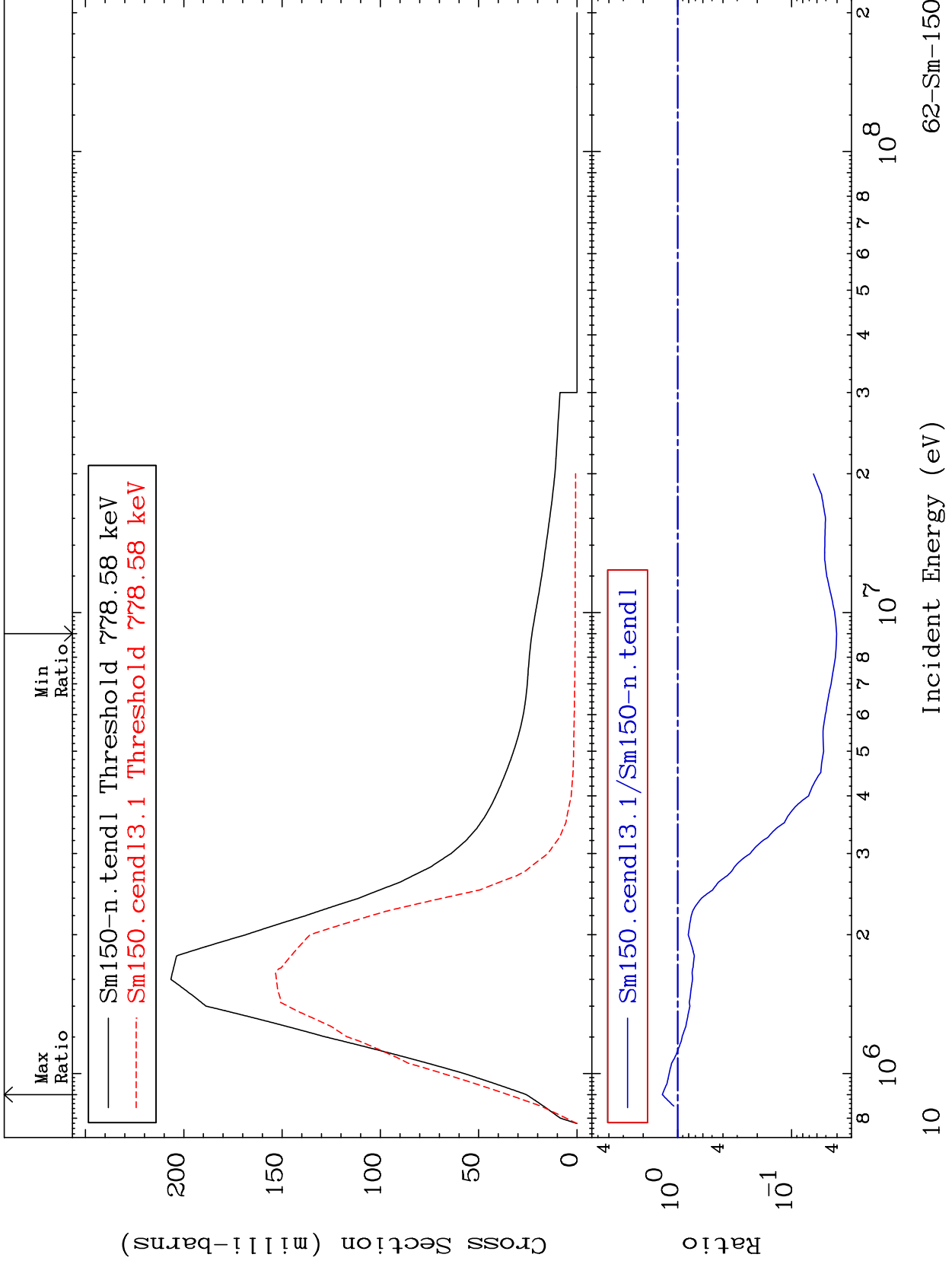
Incident Energy (eV)

62-Sm-150

MAT 6243

773.4 keV (n,n') Level
Cross Section

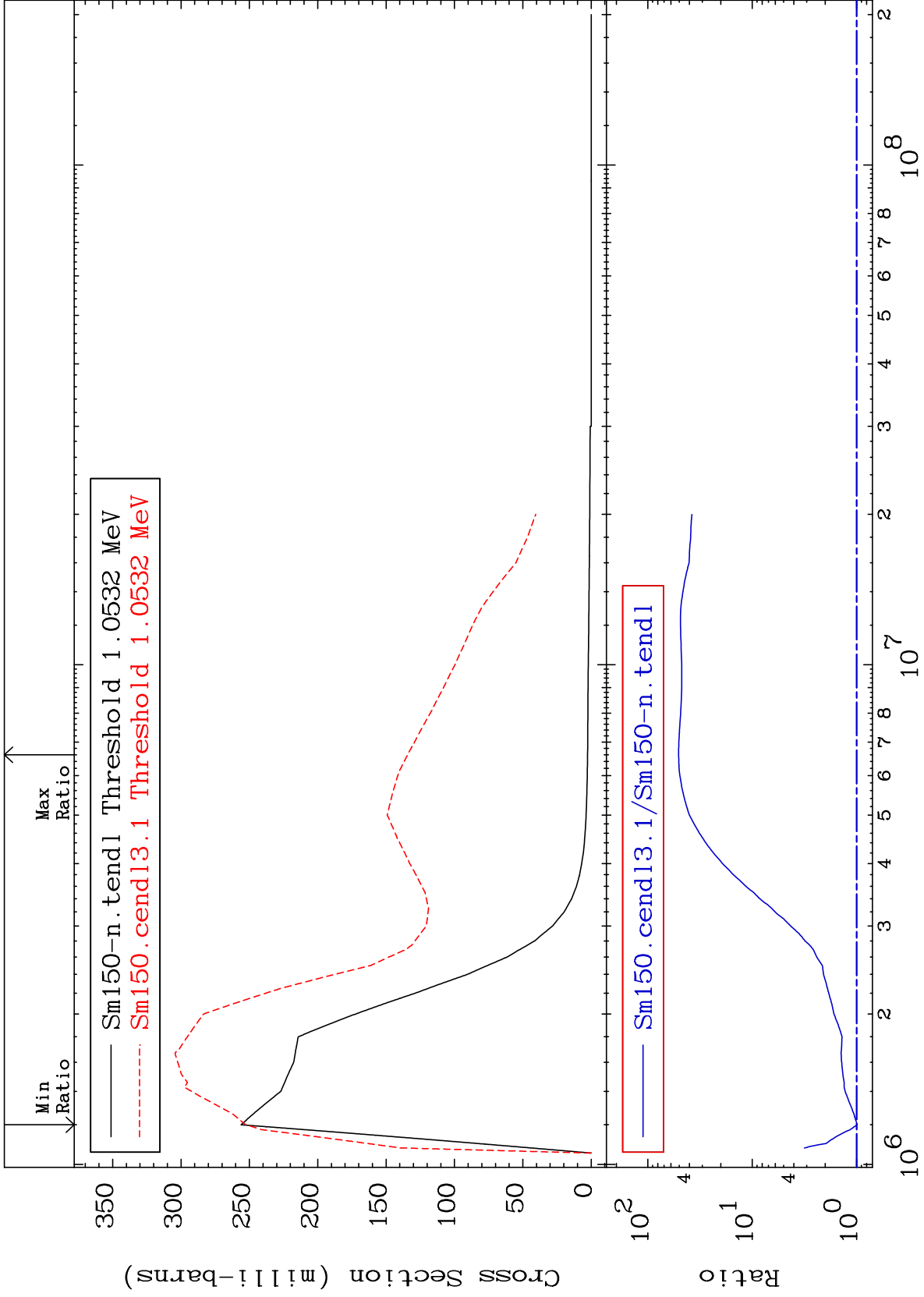
62-Sm-150
-95.97 To 36.19 %



MAT 6243

1.046 MeV (n,n') Level
Cross Section

62-Sm-150
-1.489 To 4962. %



11

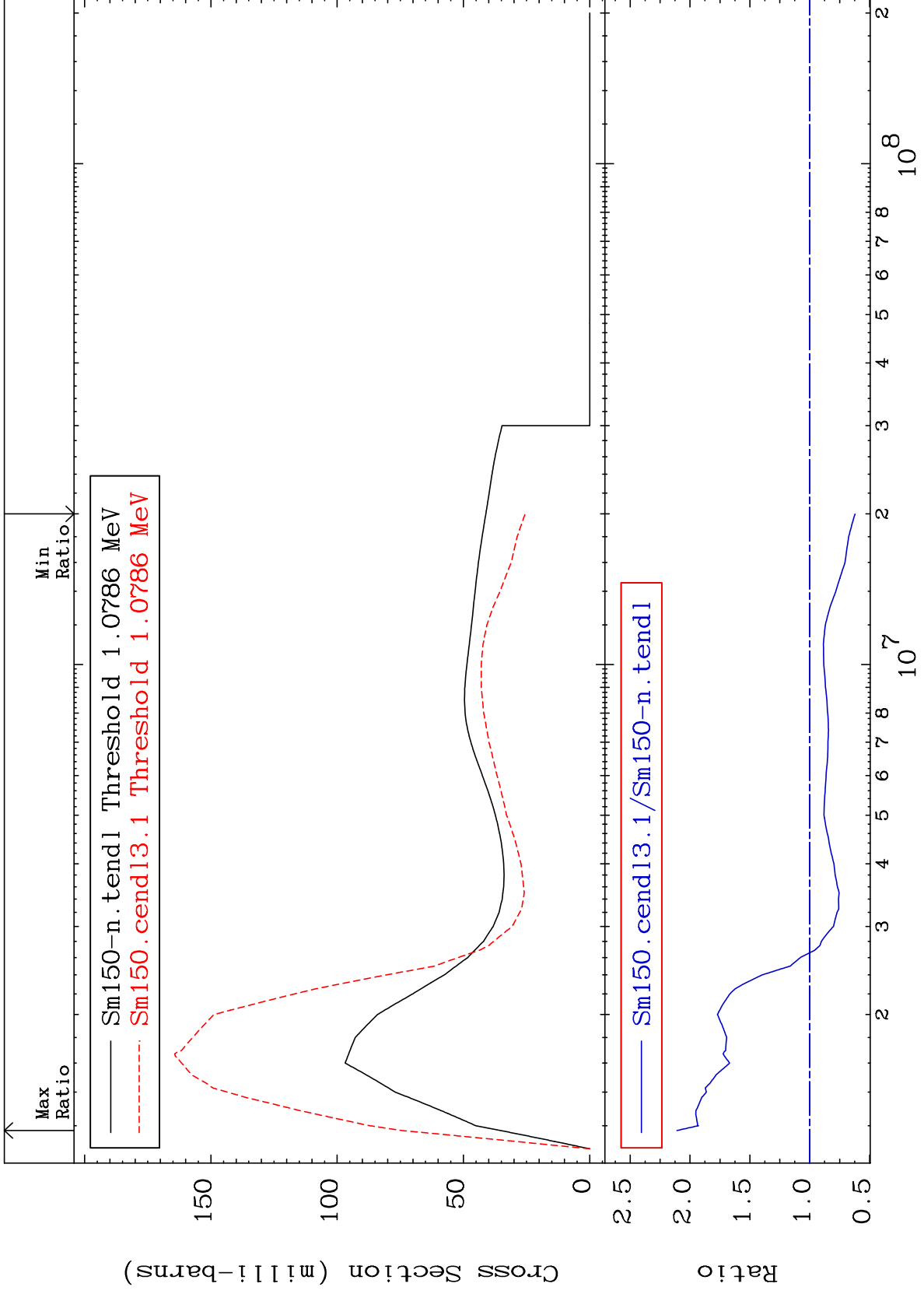
Incident Energy (eV)

62-Sm-150

MAT 6243

1.071 MeV (n,n') Level
Cross Section

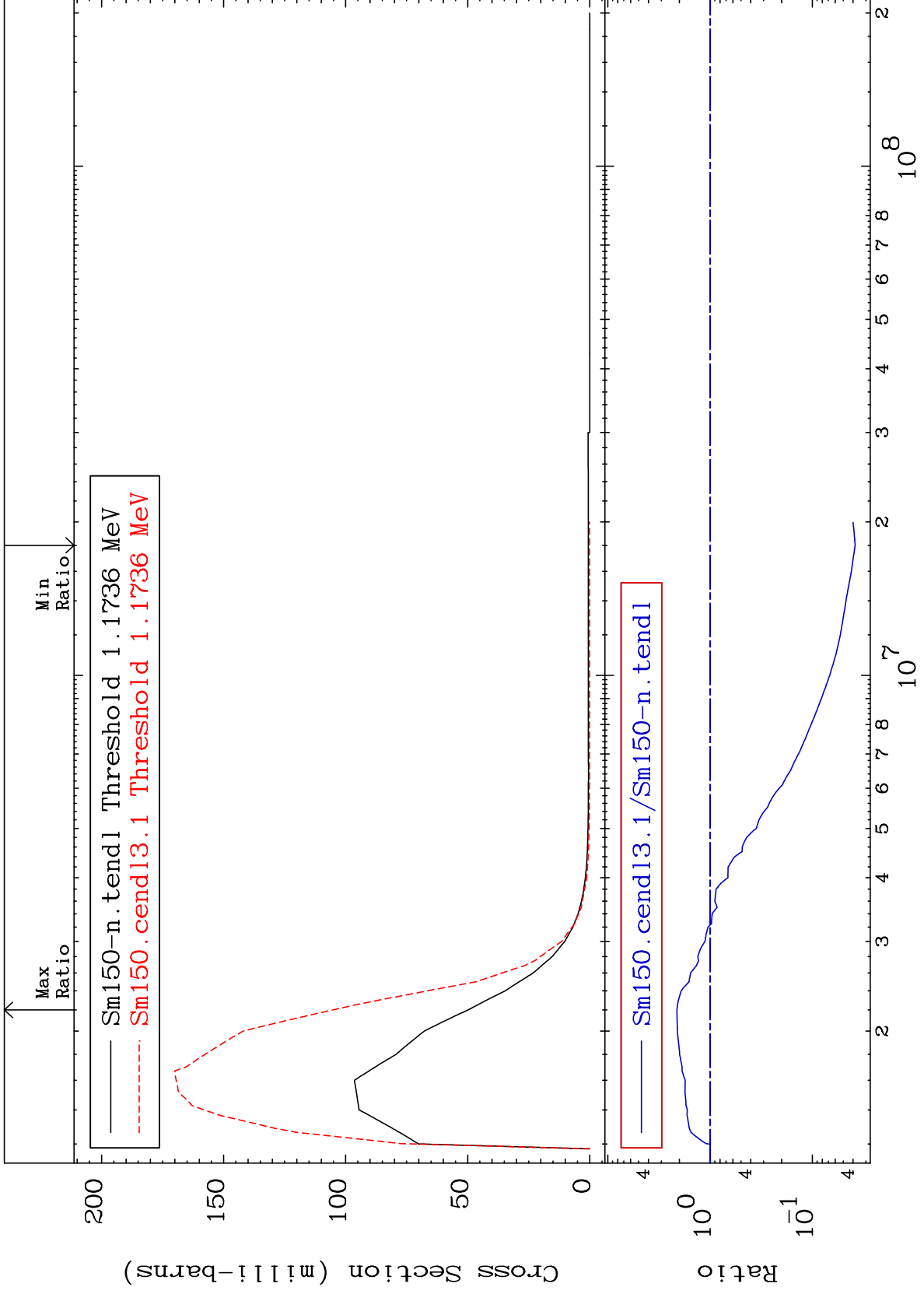
62-Sm-150
-37.90 To 110.9 %



MAT 6243

1.166 MeV (n,n') Level
Cross Section

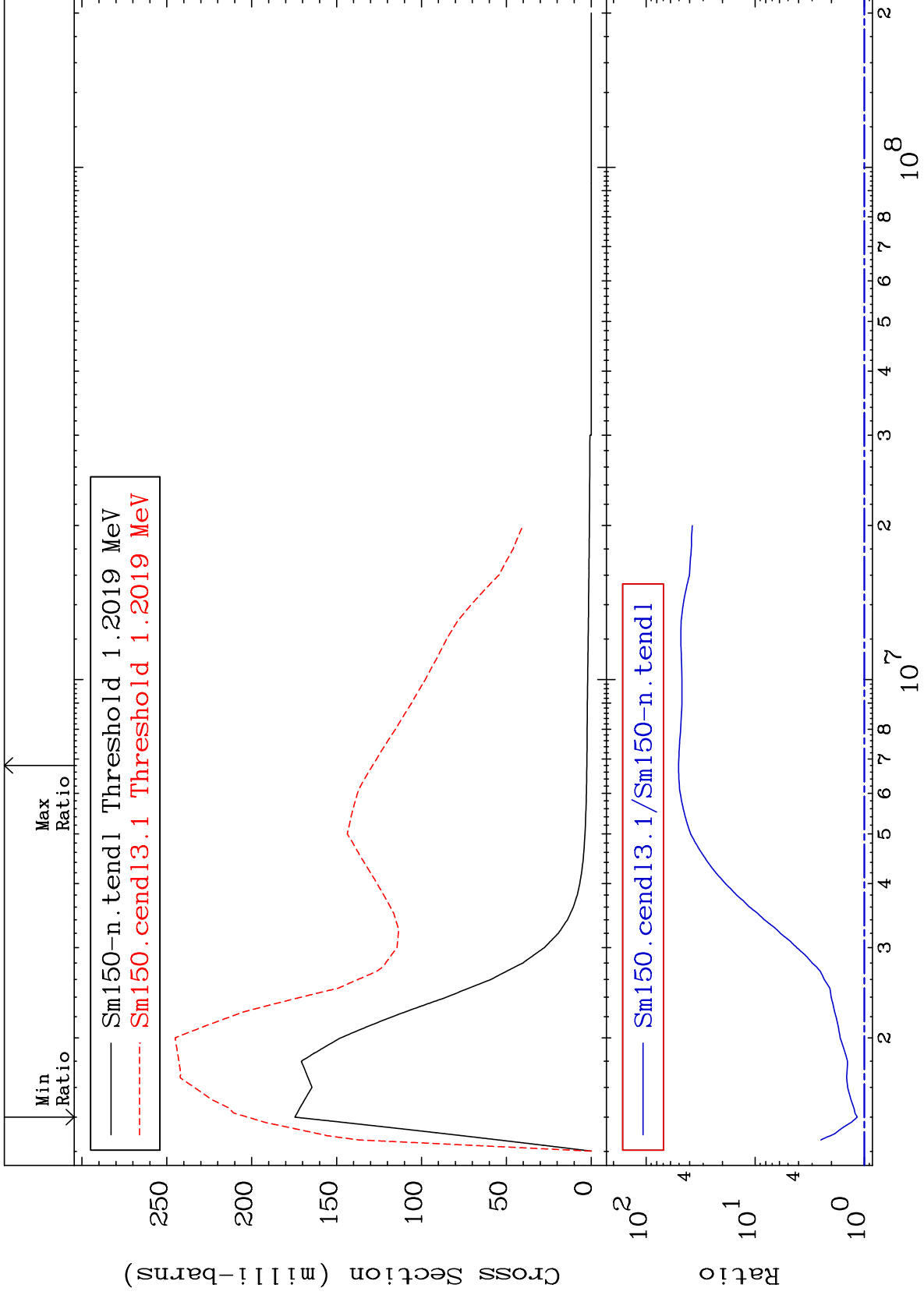
62-Sm-150
-96.18 To 111.2 %



MAT 6243

1.194 MeV (n,n') Level
Cross Section

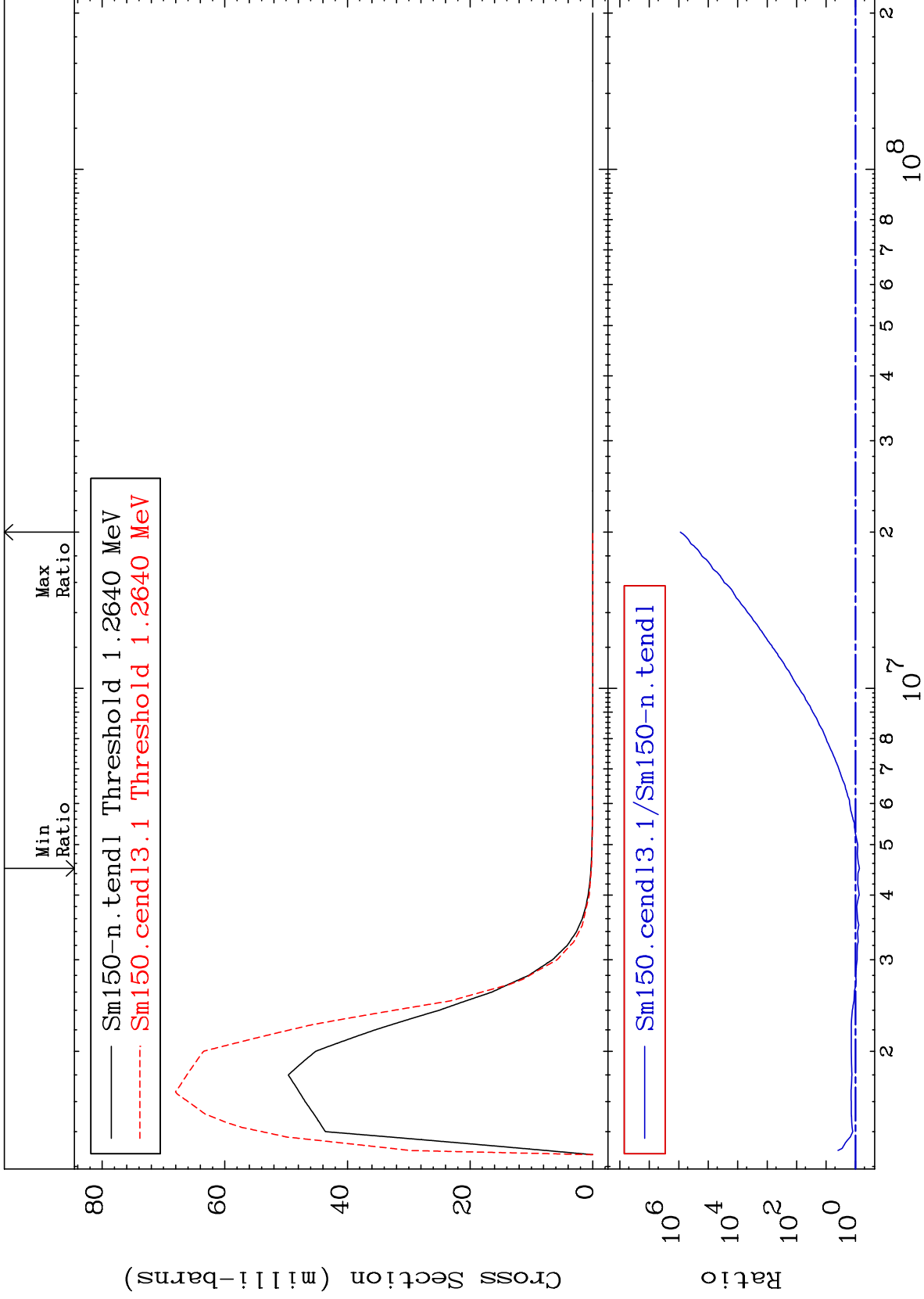
62-Sm-150
15.87 To 4942. %



MAT 6243

1.256 MeV (n,n') Level
Cross Section

62-Sm-150
-26.05 To 9999. %



15

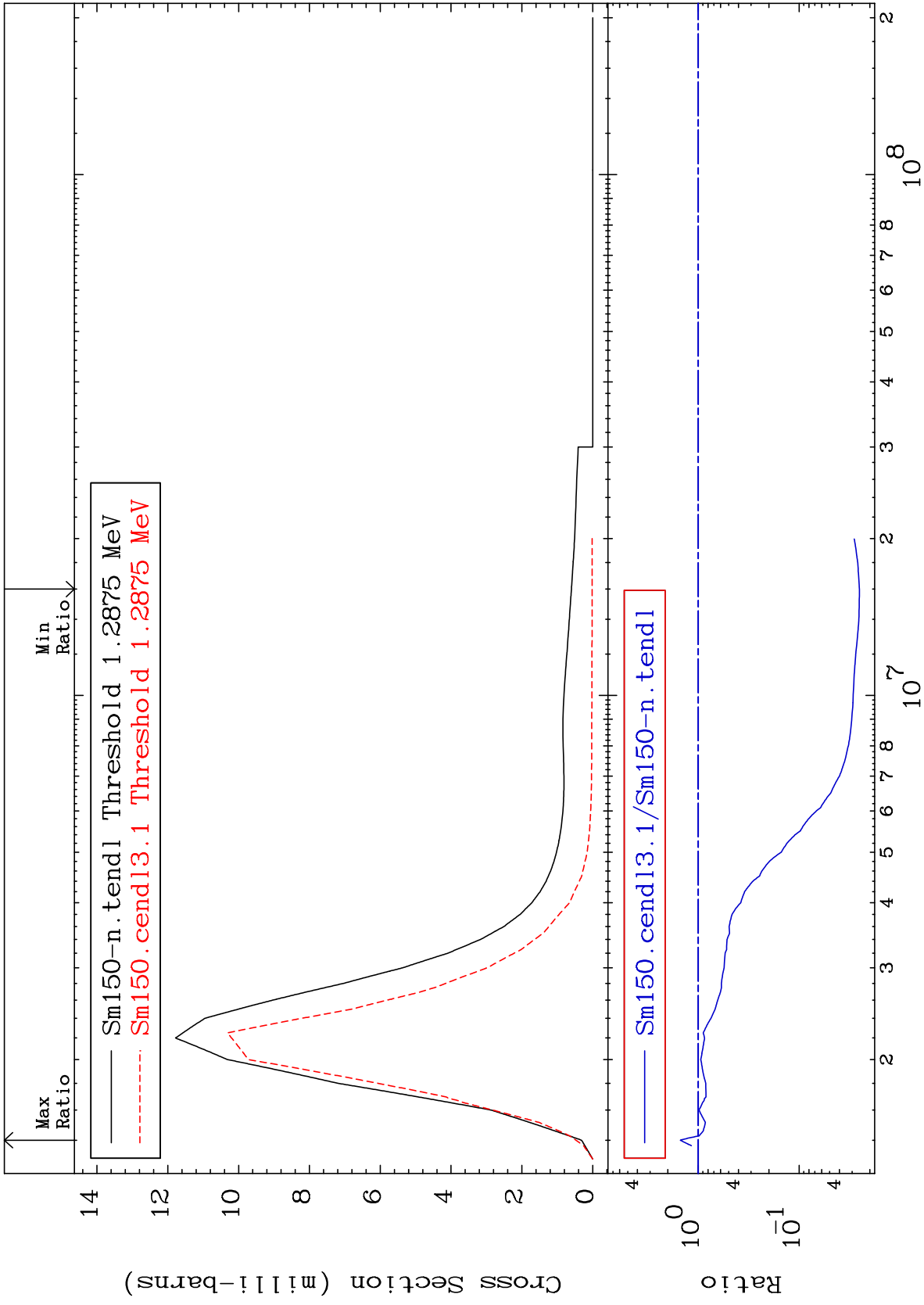
Incident Energy (eV)

62-Sm-150

MAT 6243

1.279 MeV (n,n') Level
Cross Section

62-Sm-150
-97.47 To 50.37 %



16

Incident Energy (eV)

62-Sm-150

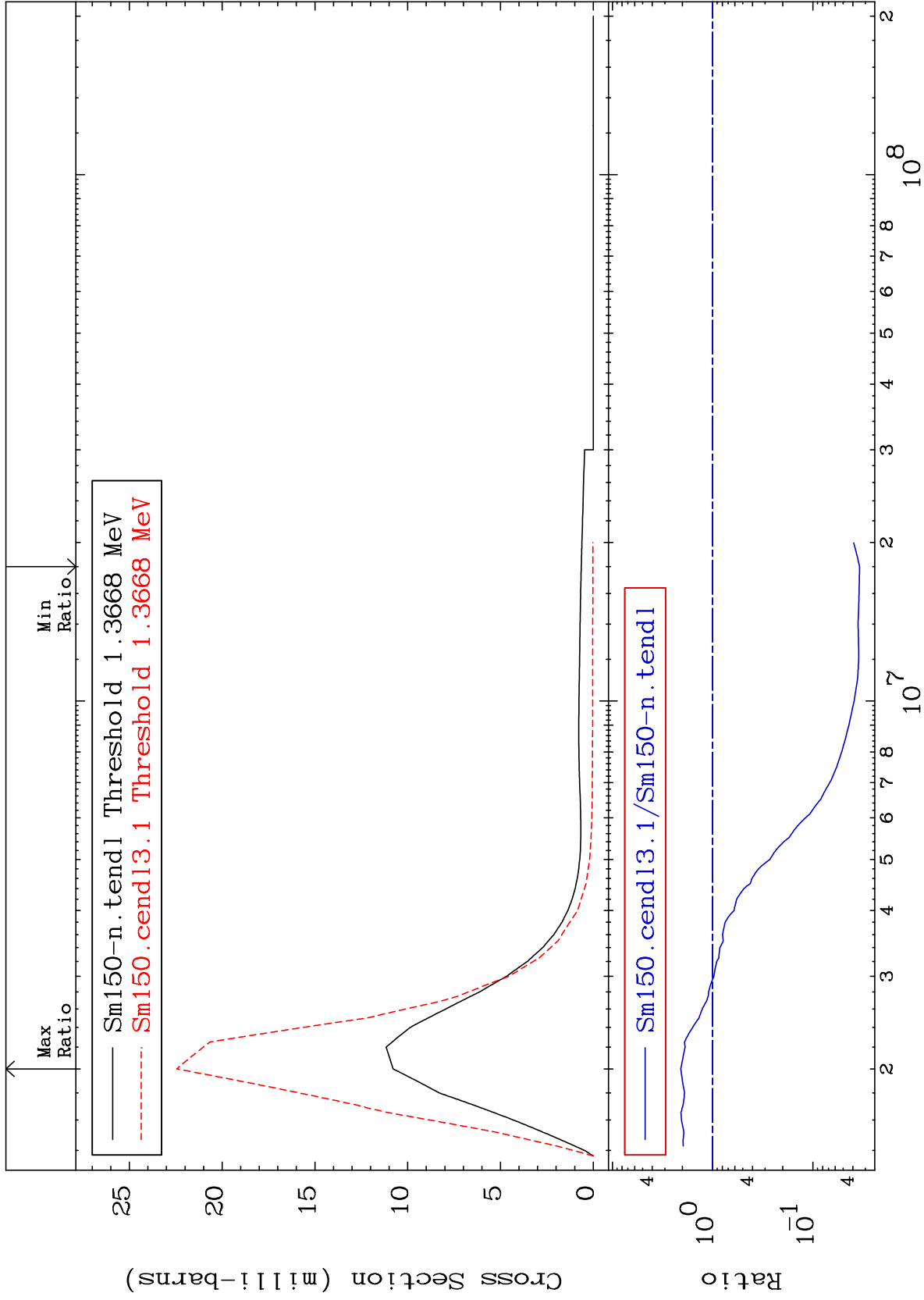
MAT 6243

1.358 MeV (n,n') Level

62-Sm-150

-96.57 To 108.0 %

Cross Section



17

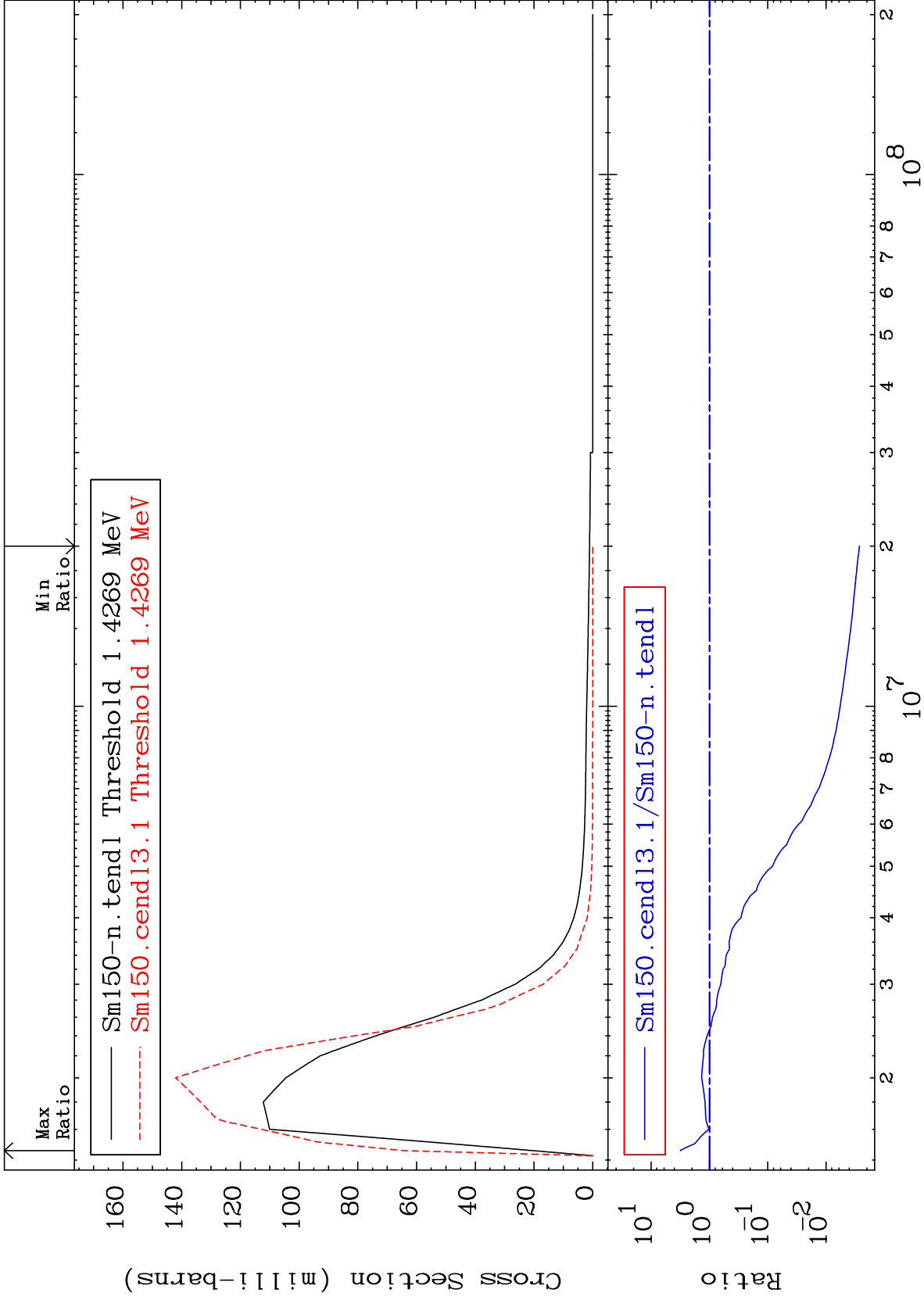
Incident Energy (eV)

62-Sm-150

MAT 6243

1.417 MeV (n,n') Level
Cross Section

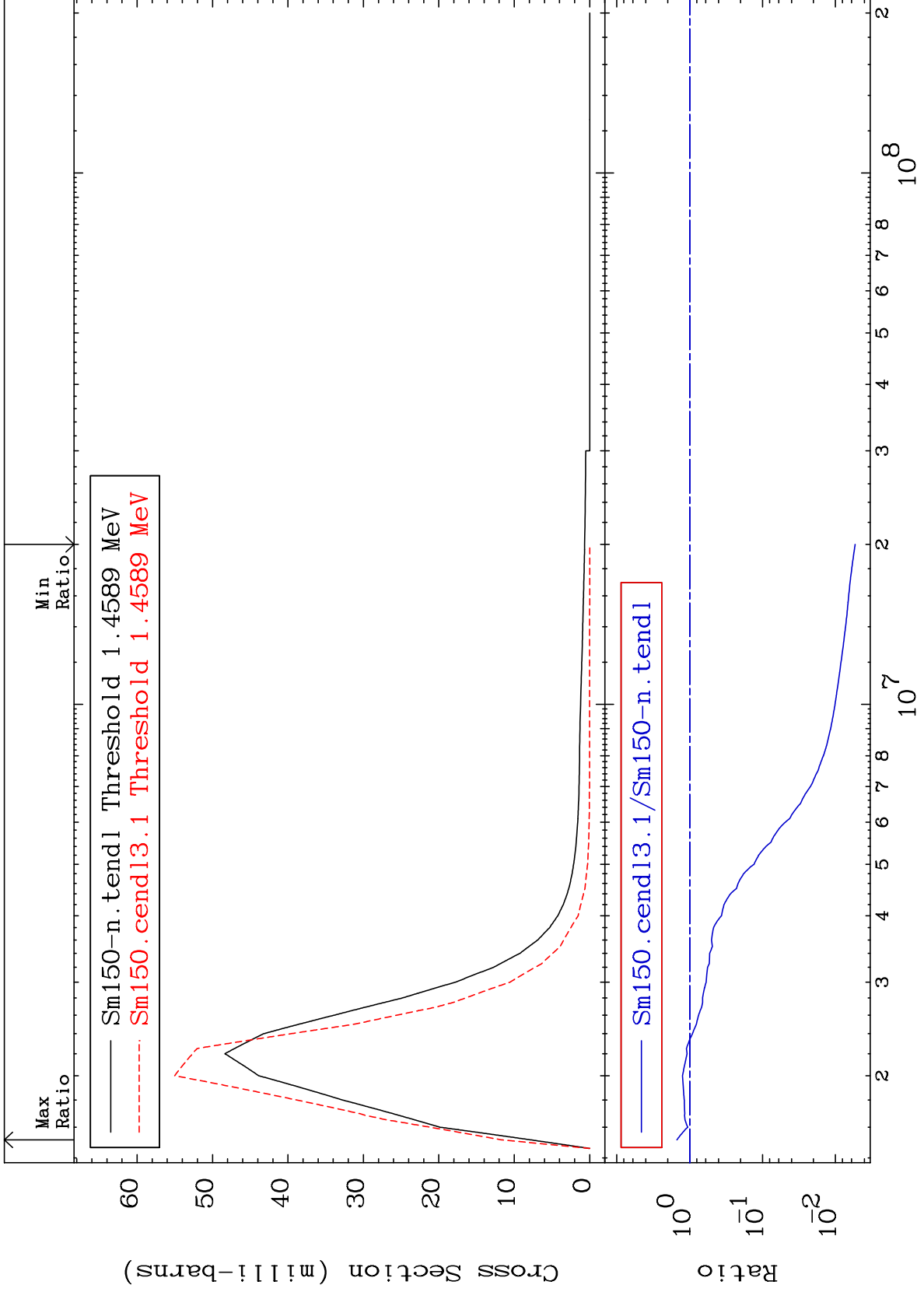
62-Sm-150
-99.73 To 215.7 %



MAT 6243

1.449 MeV (n,n') Level
Cross Section

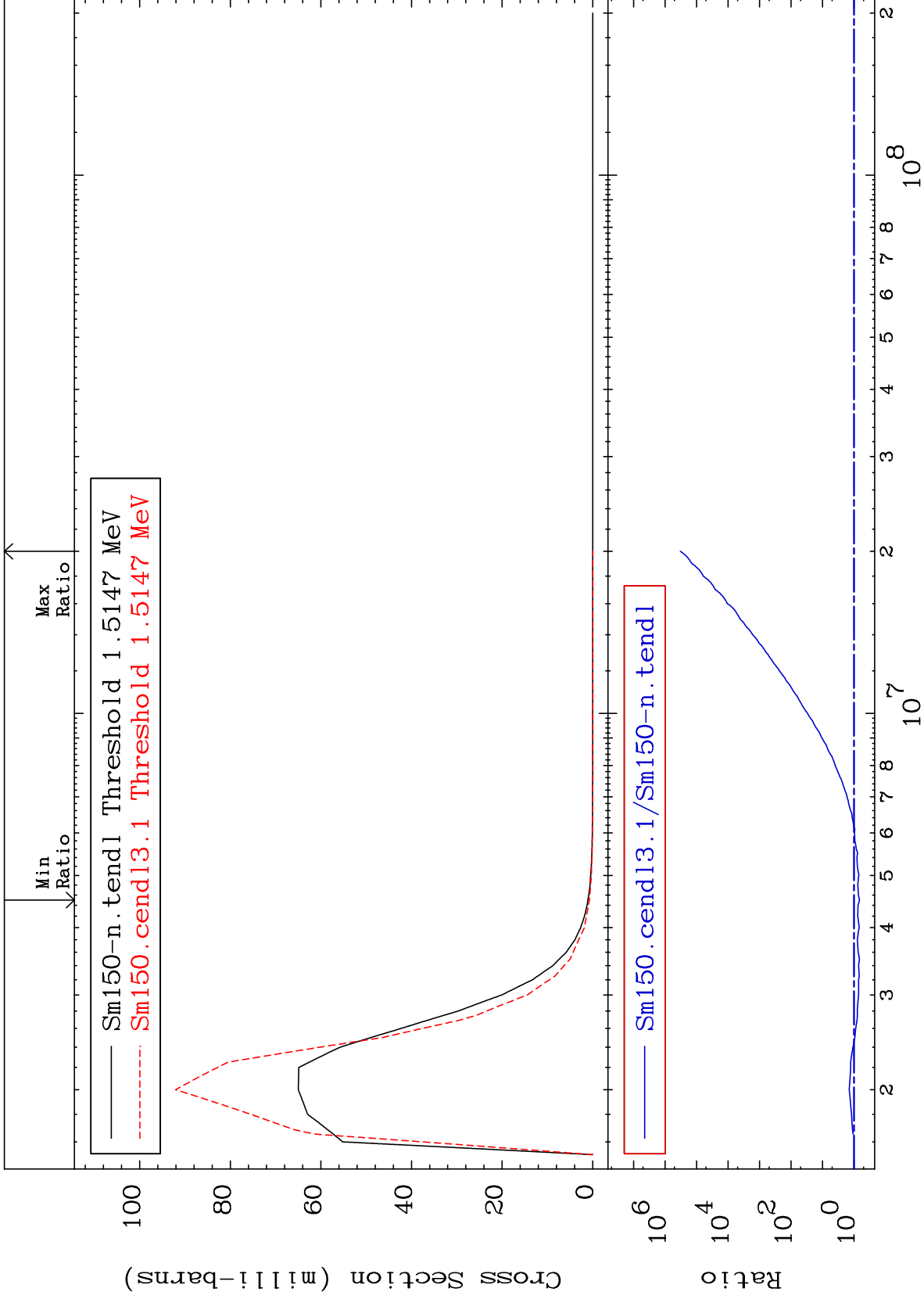
62-Sm-150
-99.46 To 49.45 %



MAT 6243

1.505 MeV (n,n') Level
Cross Section

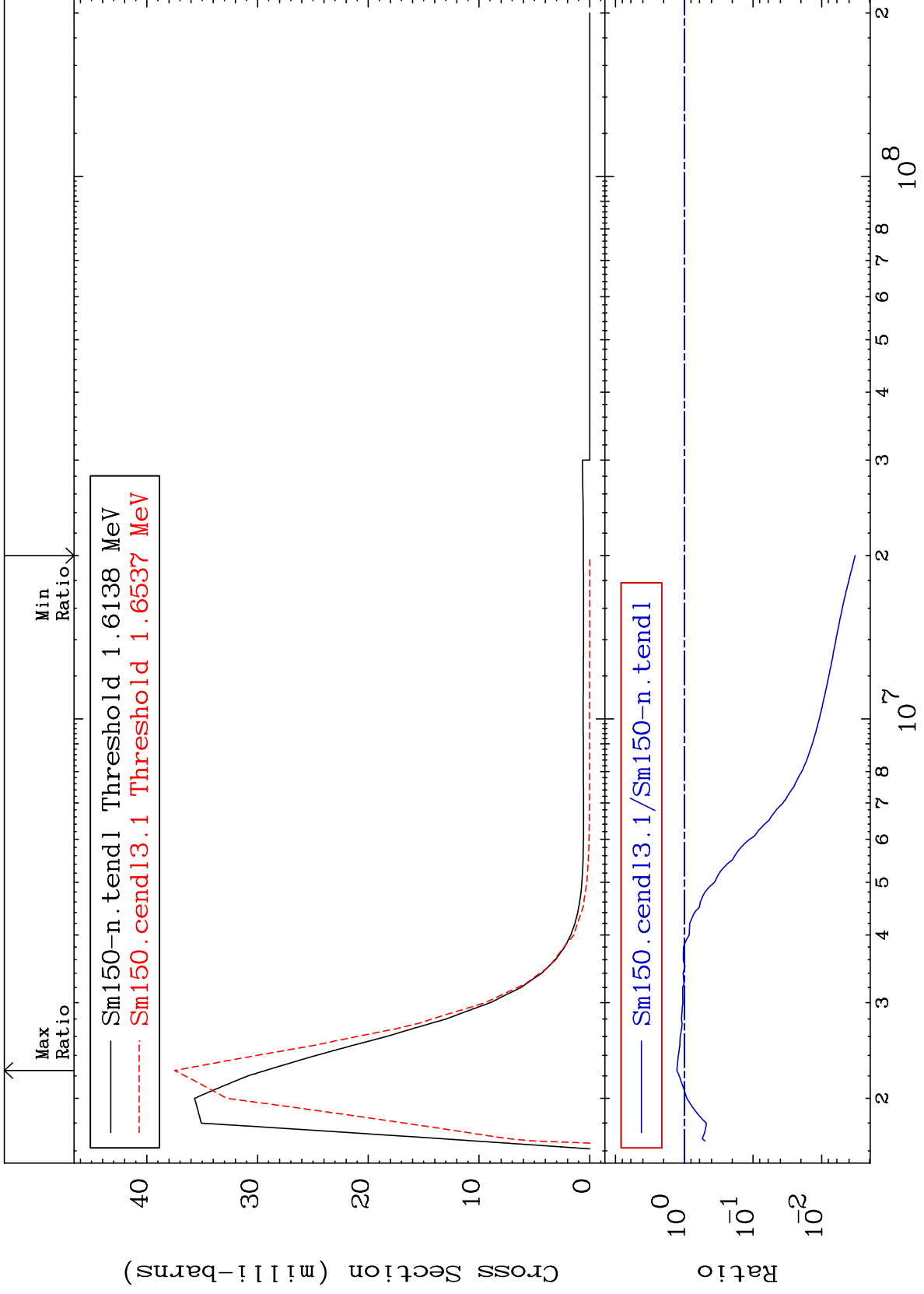
62-Sm-150
-32.42 To 9999. %



MAT 6243

1.603 MeV (n,n') Level
Cross Section

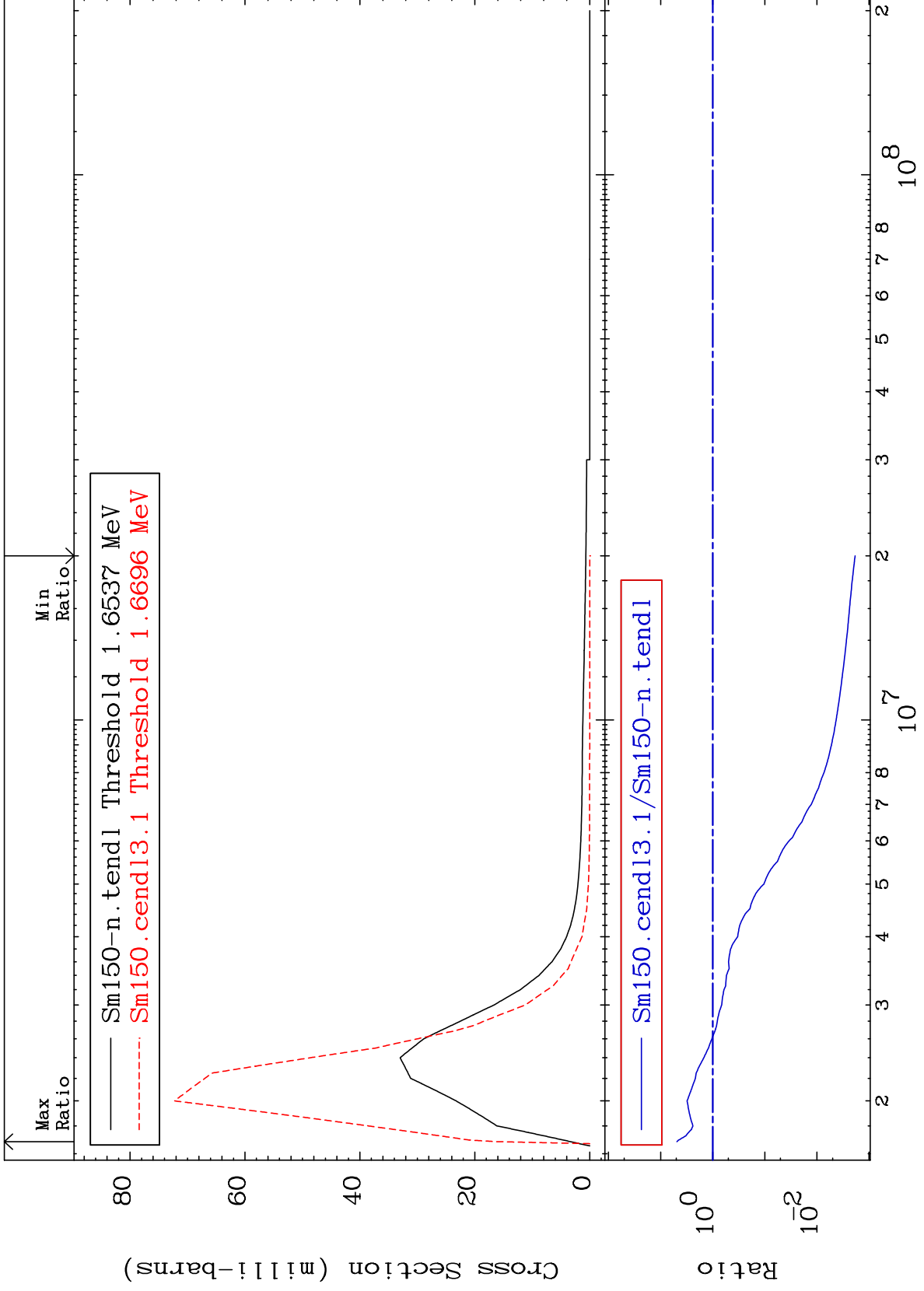
62-Sm-150
-99.67 To 27.94 %



MAT 6243

1.643 MeV (n,n') Level
Cross Section

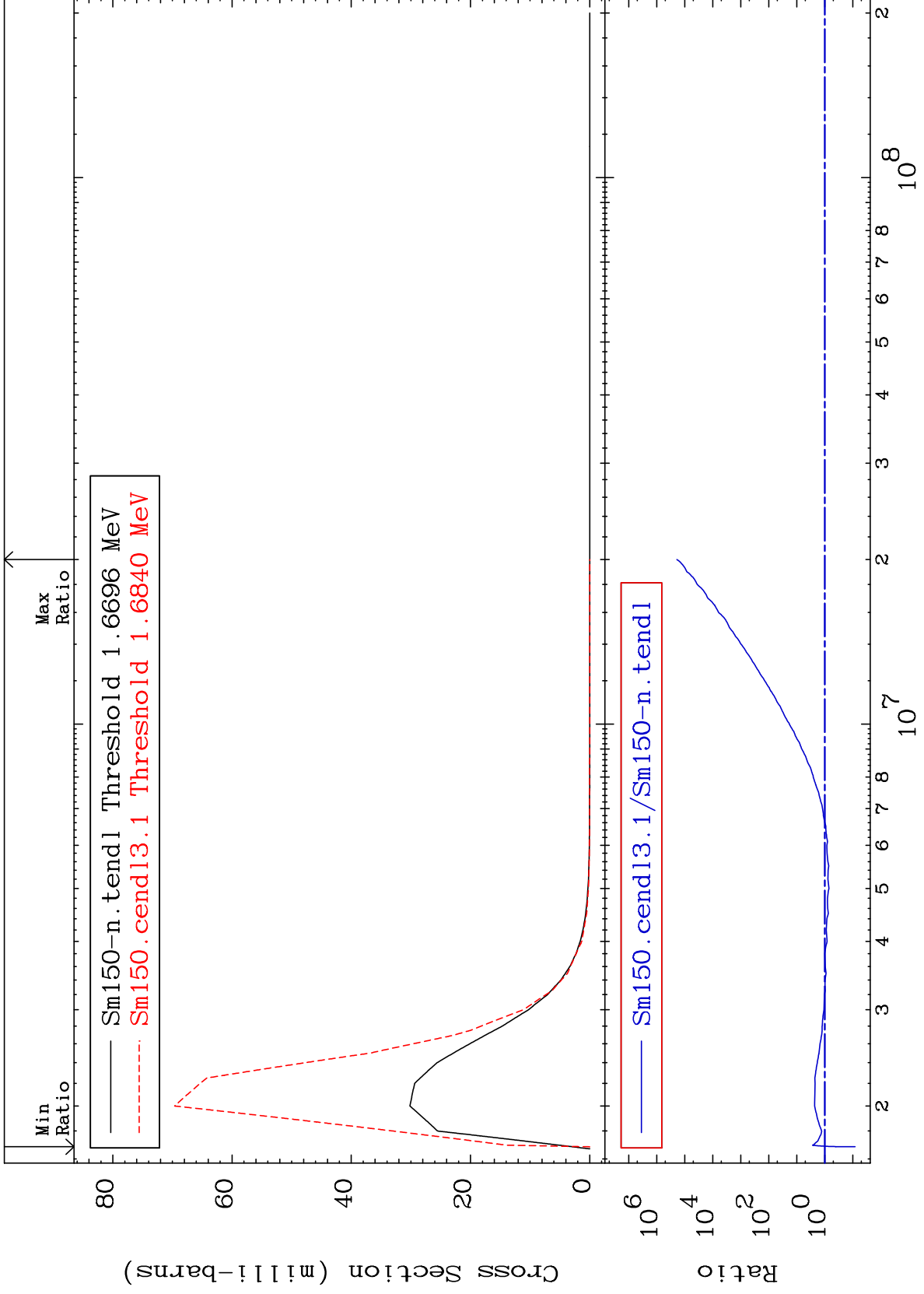
62-Sm-150
-99.81 To 386.4 %



MAT 6243

1.658 MeV (n,n') Level
Cross Section

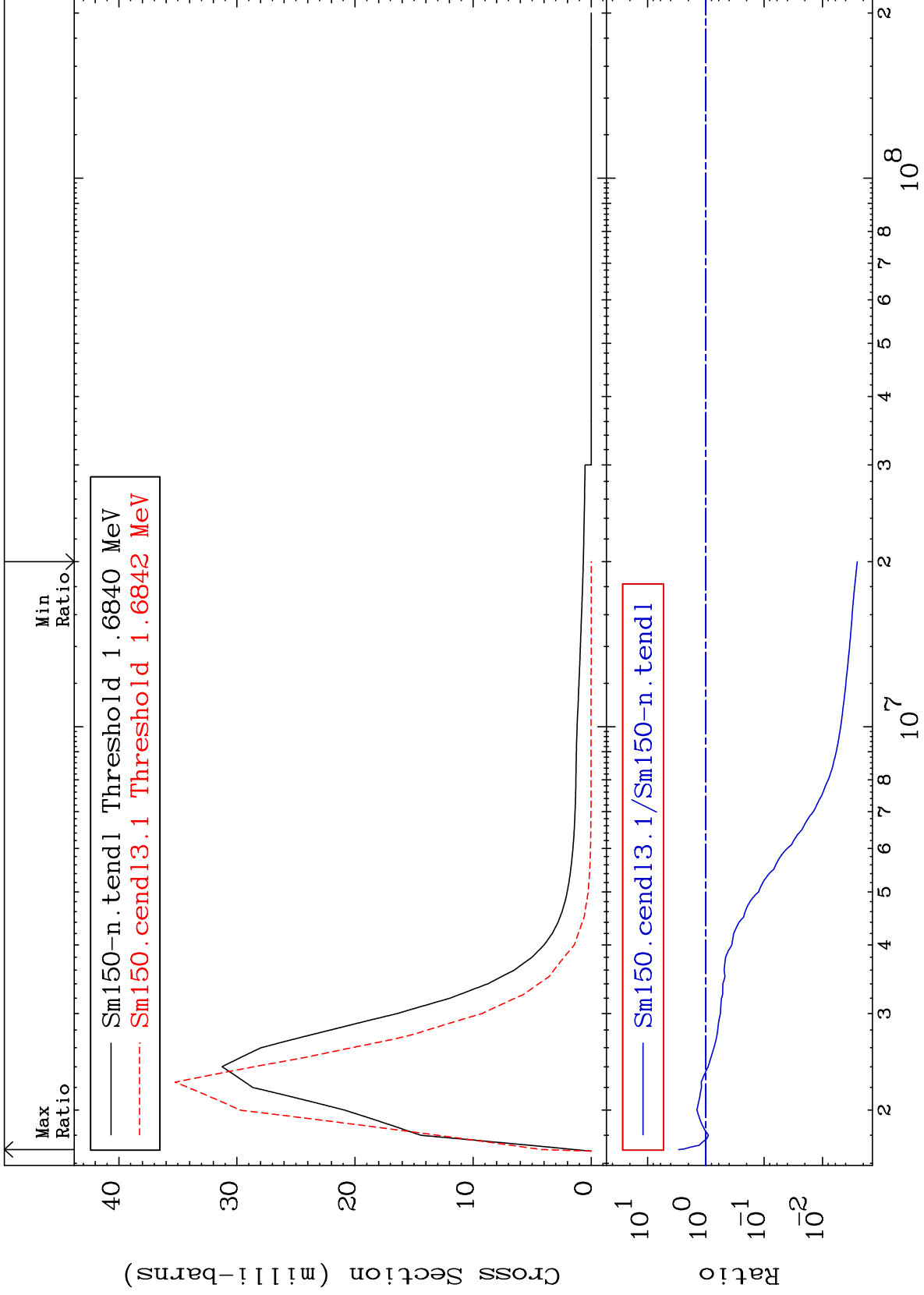
62-Sm-150
-91.70 To 9999. %



MAT 6243

1.673 MeV (n,n') Level
Cross Section

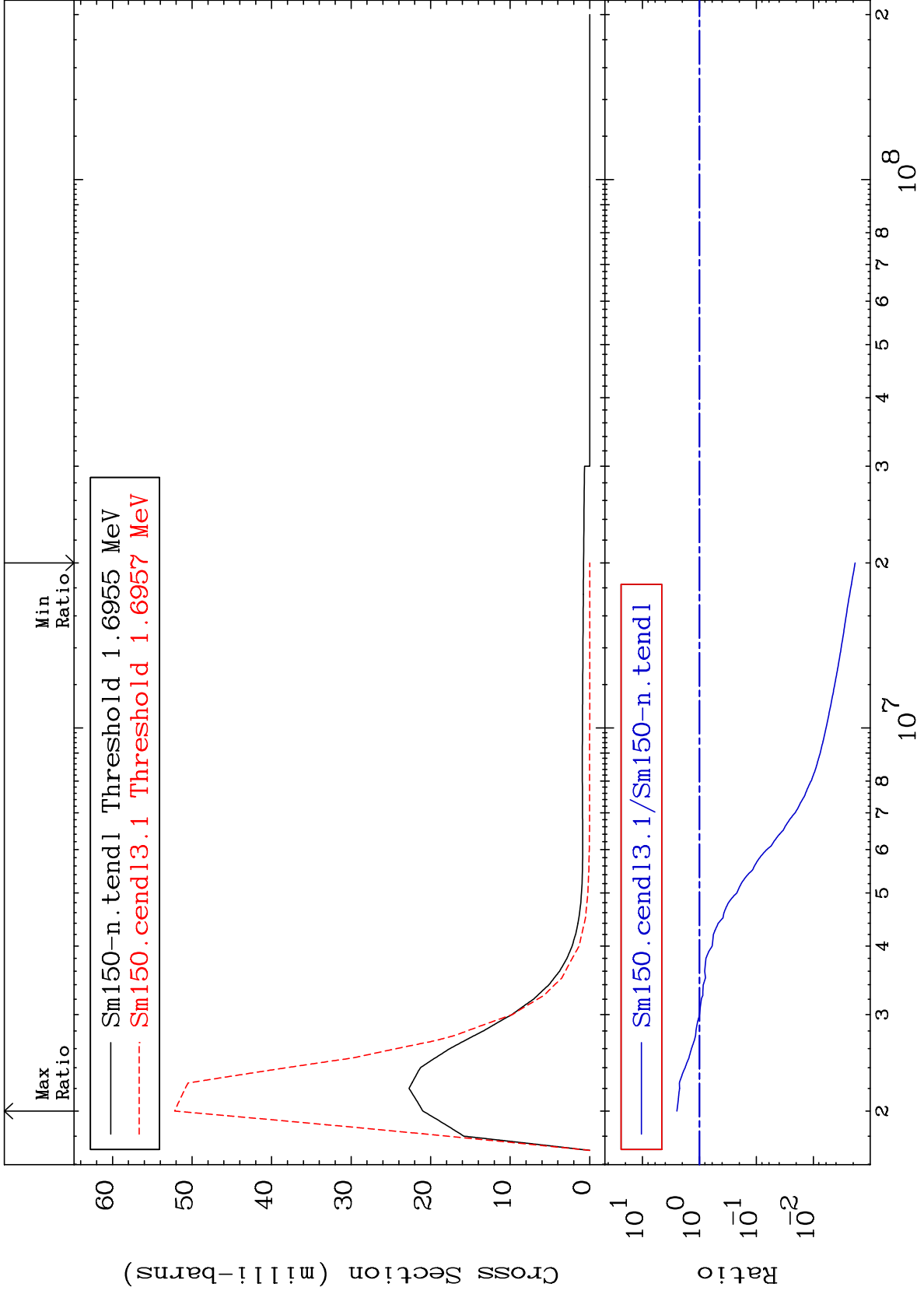
62-Sm-150
-99.75 To 192.8 %



MAT 6243

1.684 MeV (n,n') Level
Cross Section

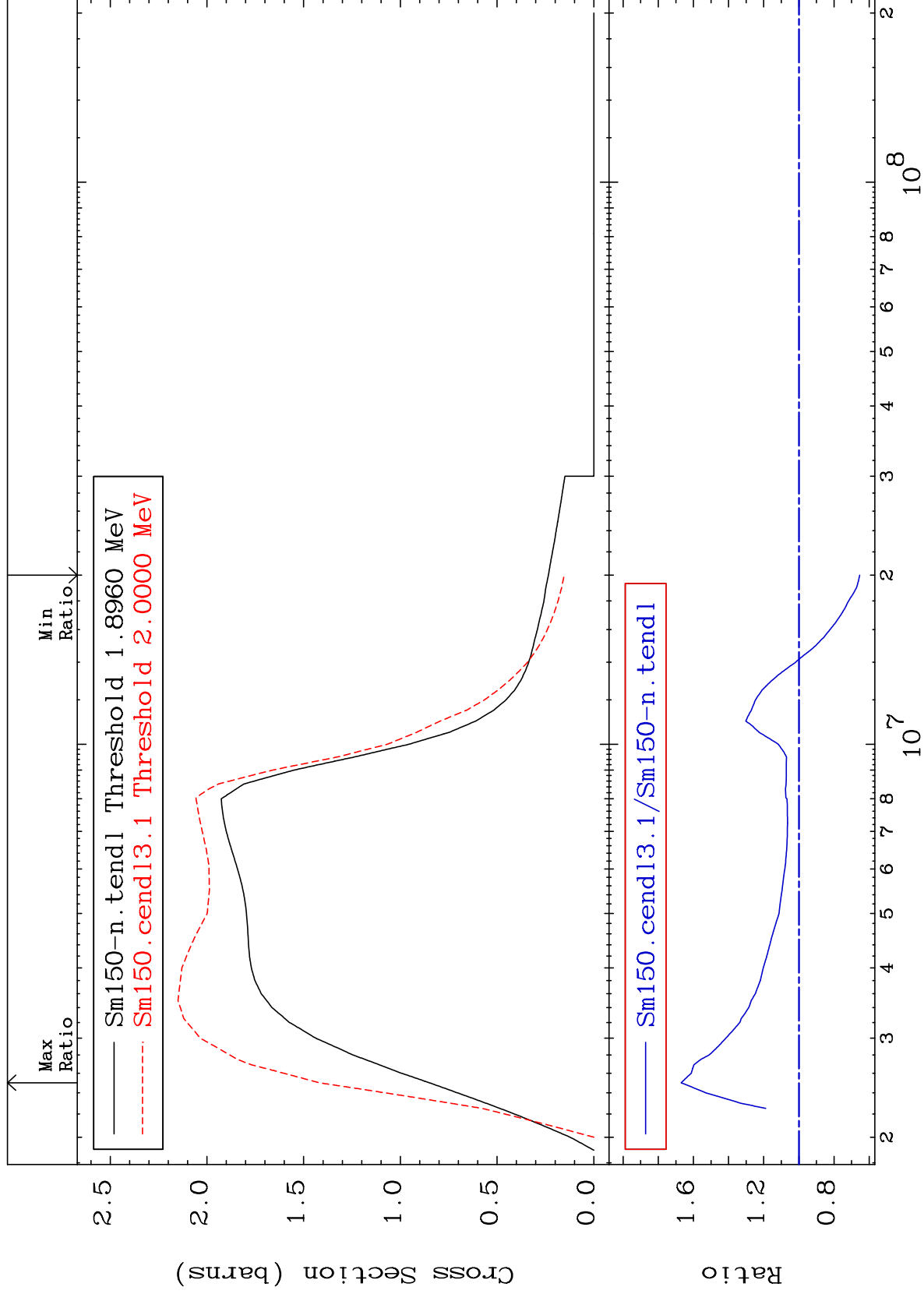
62-Sm-150
-99.82 To 148.8 %



MAT 6243

(n, n') Continuum
Cross Section

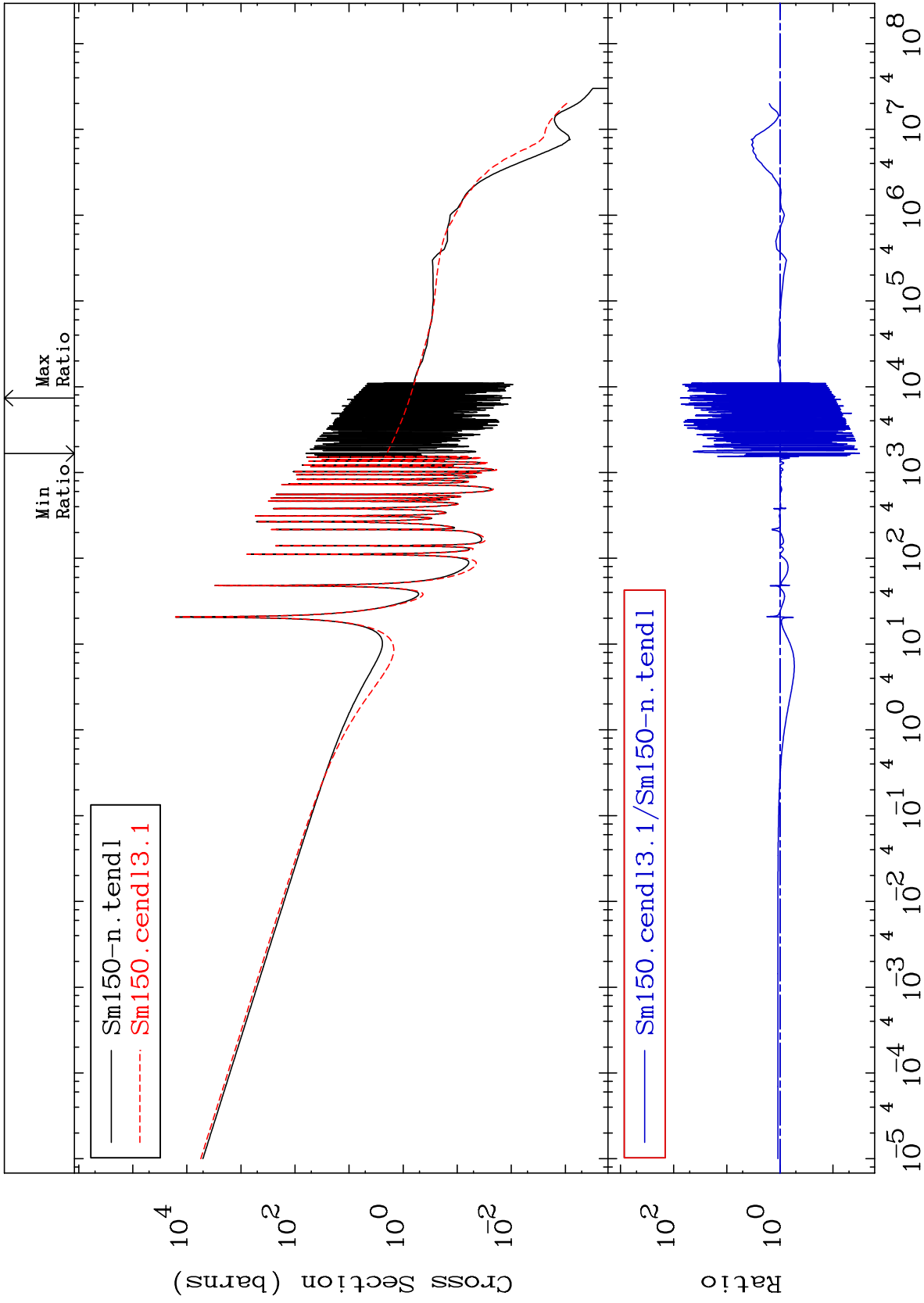
62-Sm-150
-34.57 To 66.96 %



MAT 6243

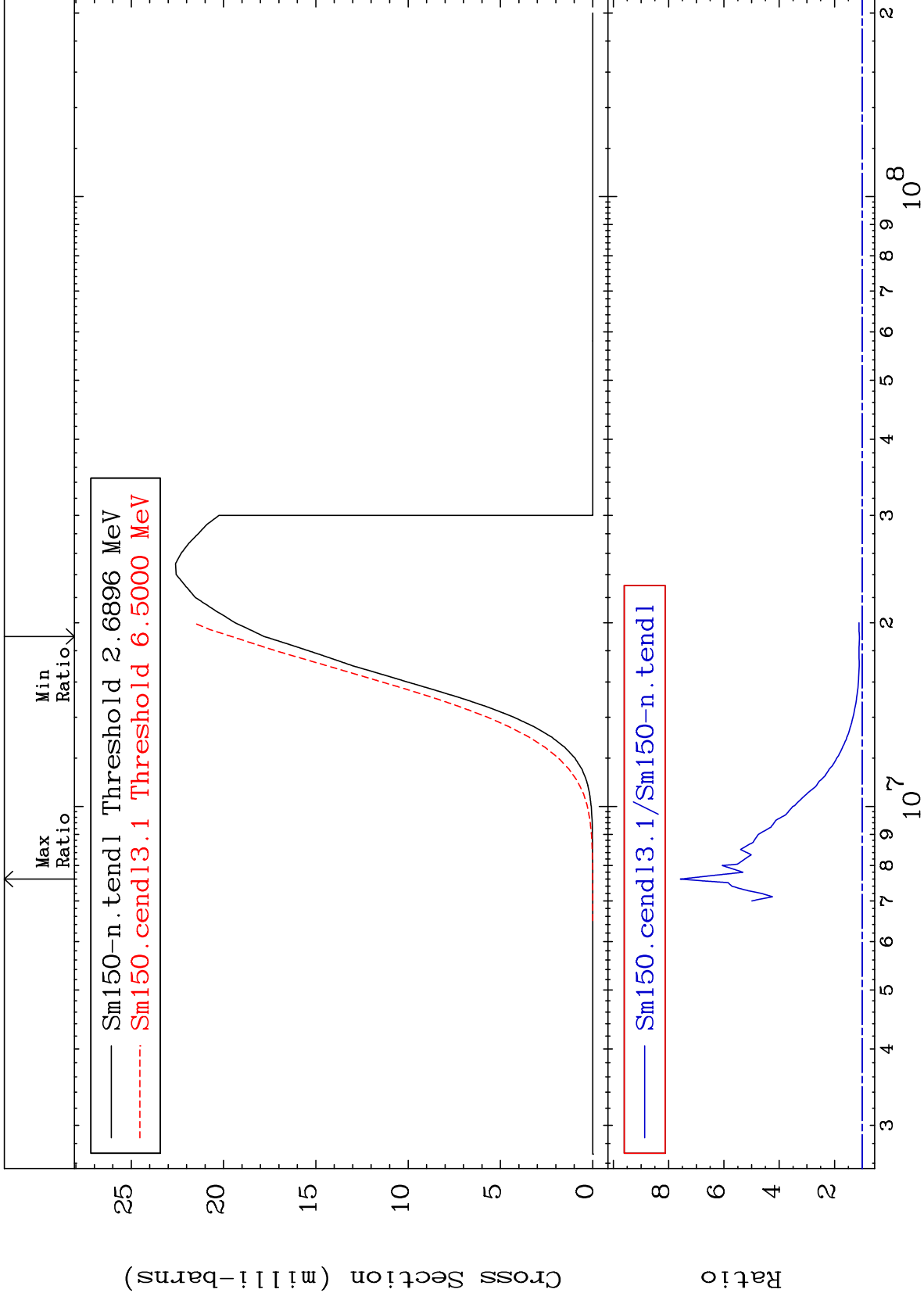
(n, γ)
Cross Section

62-Sm-150
-96.81 To 7365. %



MAT 6243

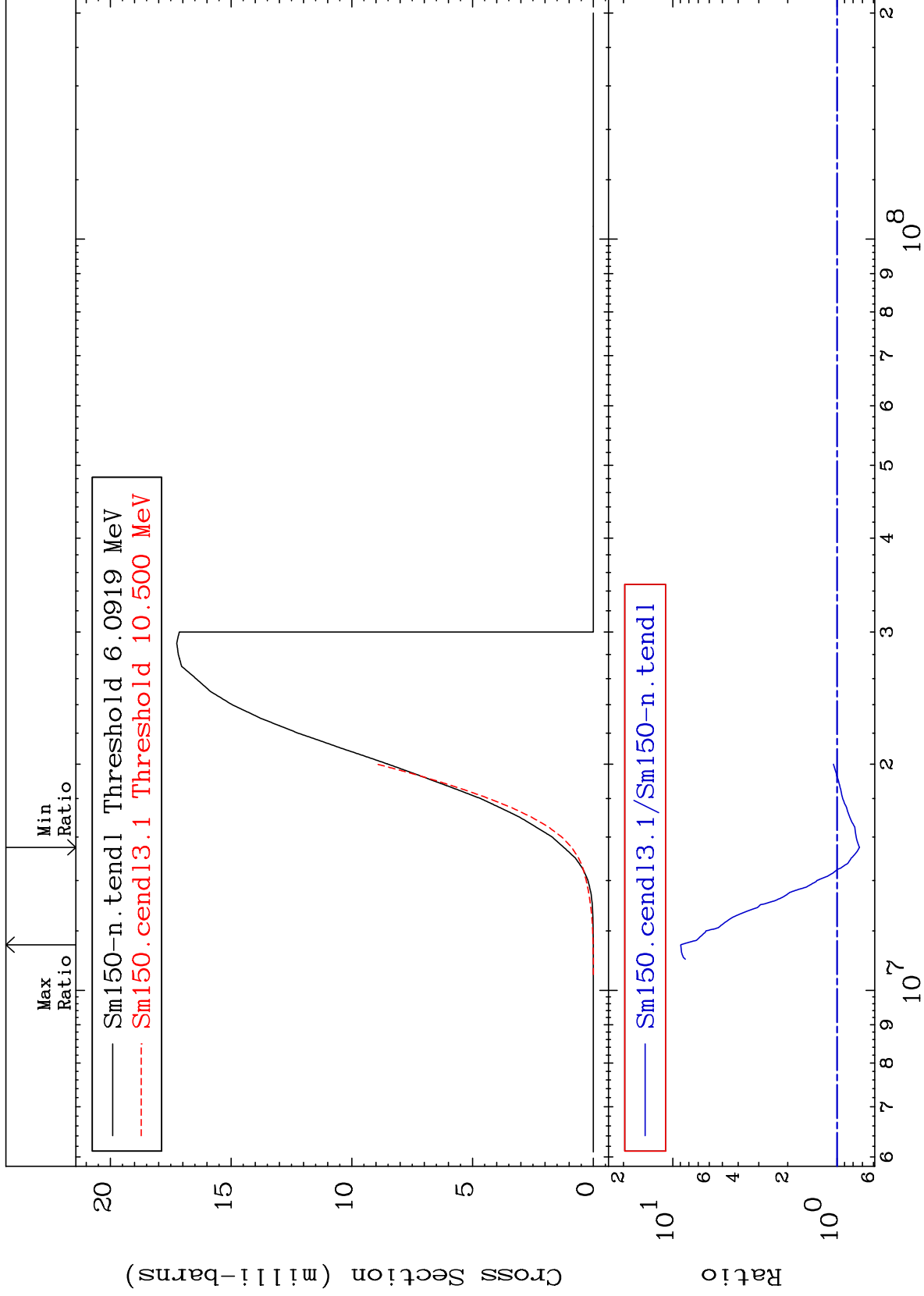
(n,p)
Cross Section
62-Sm-150
9.923 To 657.8 %



MAT 6243

(n, d)
Cross Section

62-Sm-150
-26.98 To 795.1 %

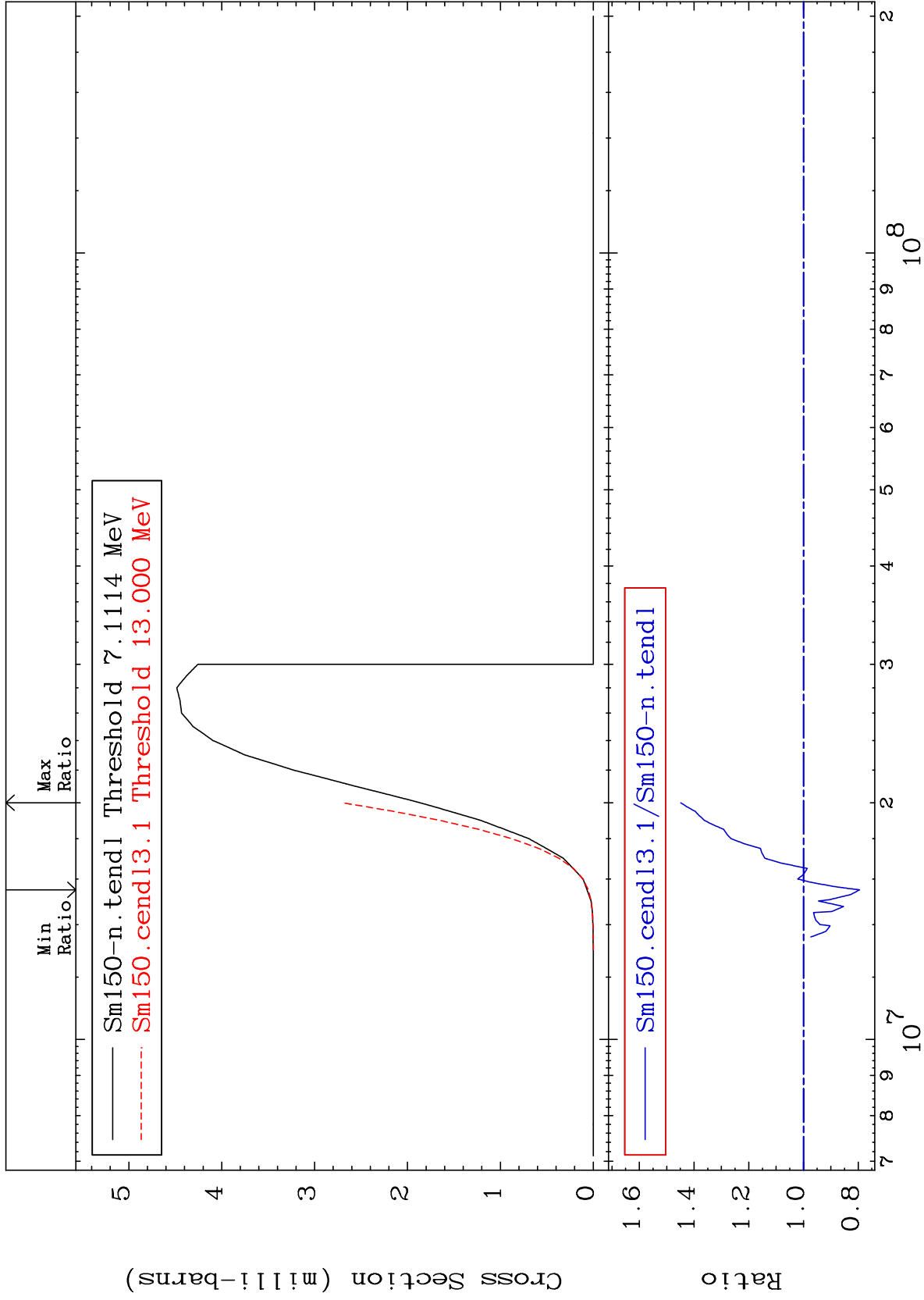


MAT 6243

62-Sm-150

(n, t)
Cross Section

-20.48 To 44.86 %



30

Incident Energy (eV)

62-Sm-150

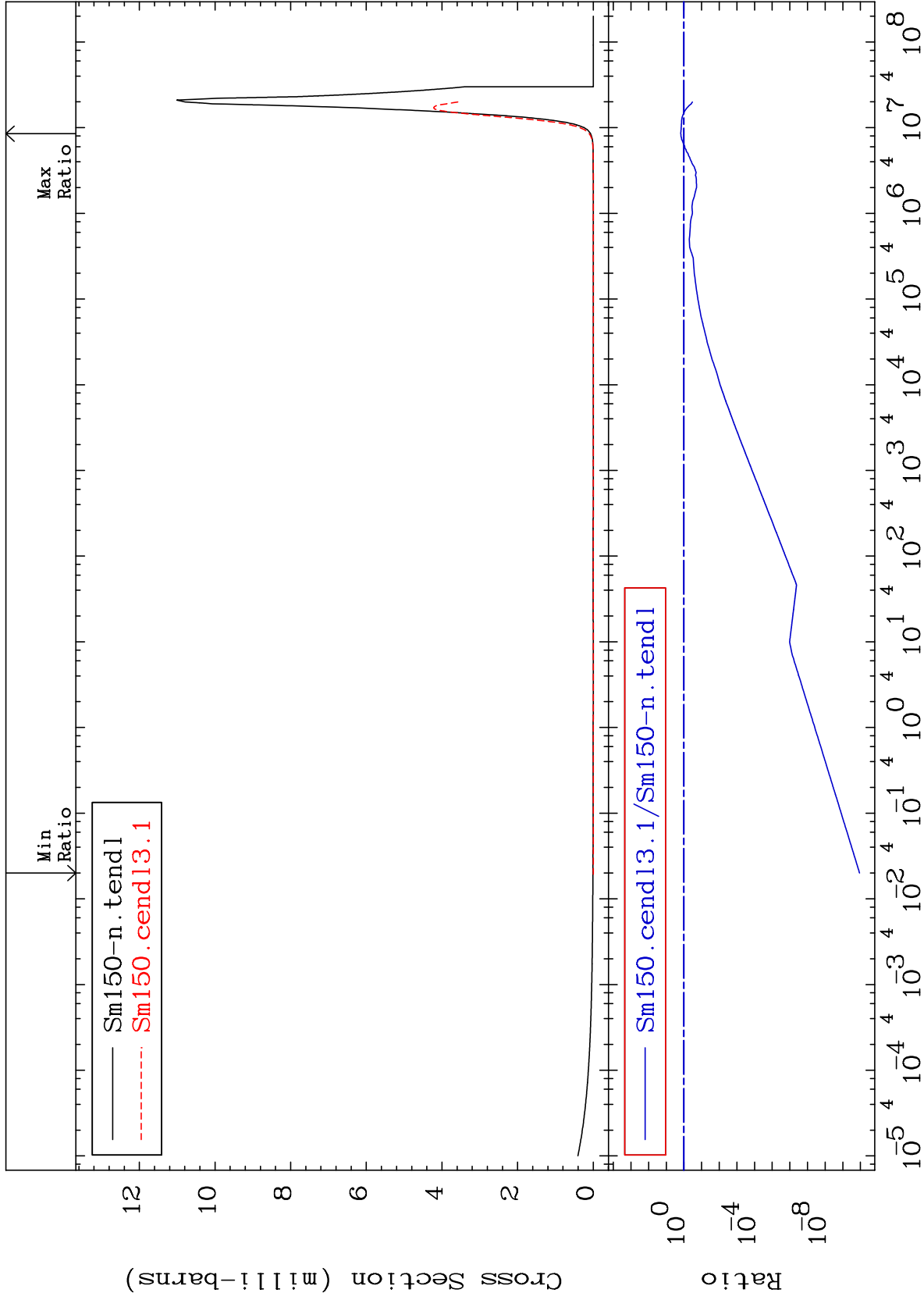
MAT 6243

(n, α)

62-Sm-150

Cross Section

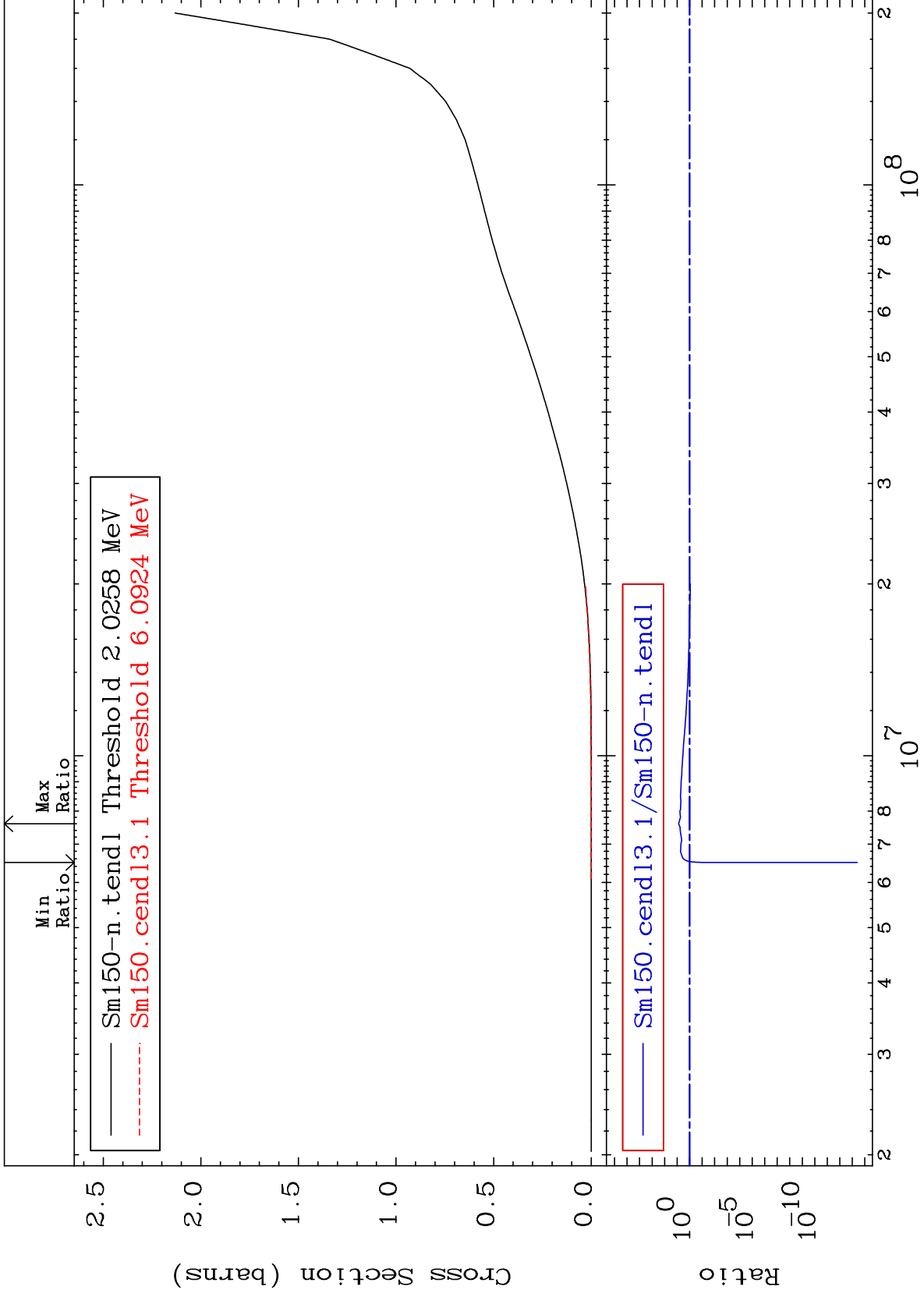
-100.0 To 50.86 %



MAT 6243

Hydrogen Production
Cross Section

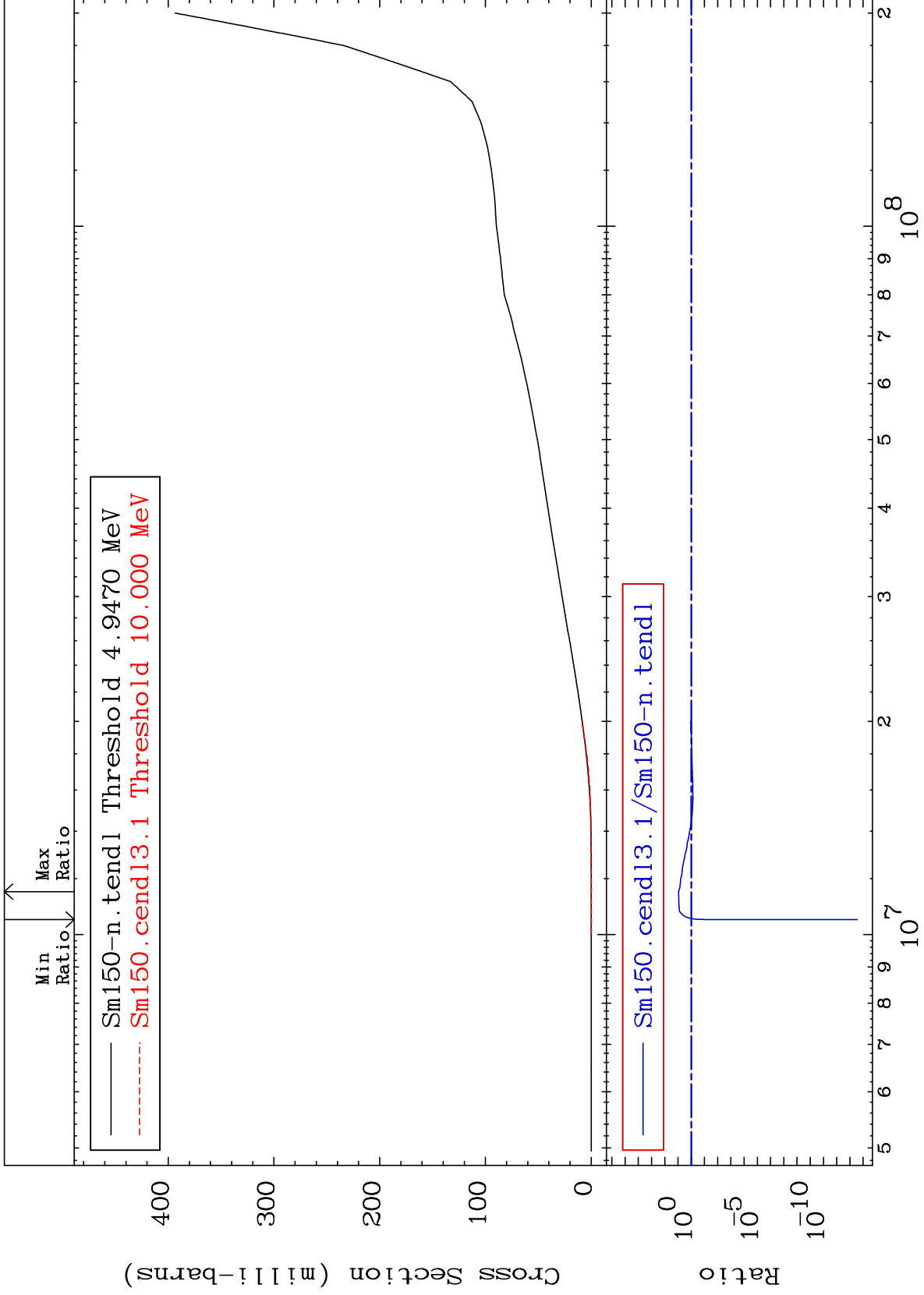
62-Sm-150
-100.0 To 657.8 %



MAT 6243

Deuterium Production
Cross Section

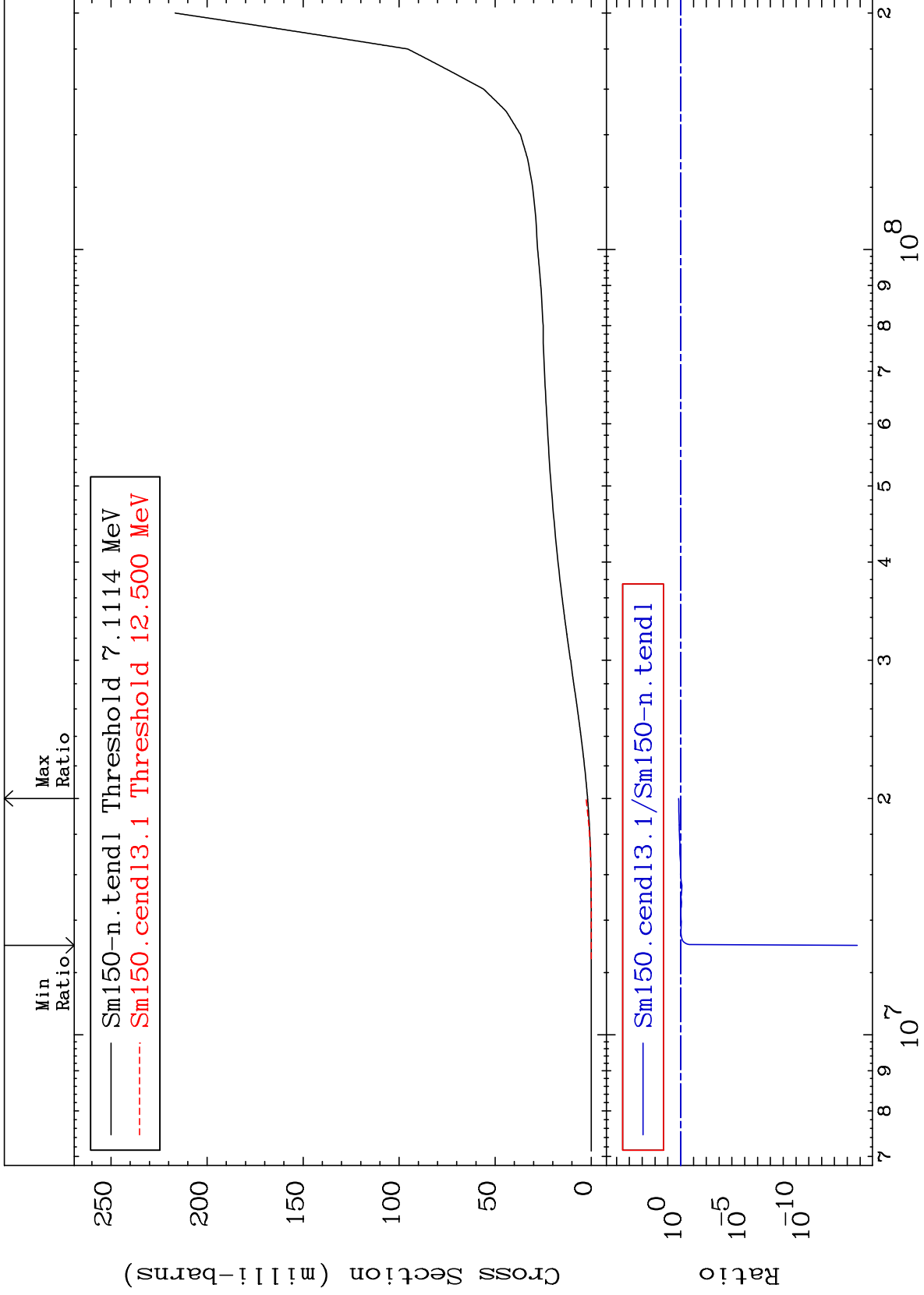
62-Sm-150
-100.0 To 795.1 %



MAT 6243

Tritium Production
Cross Section

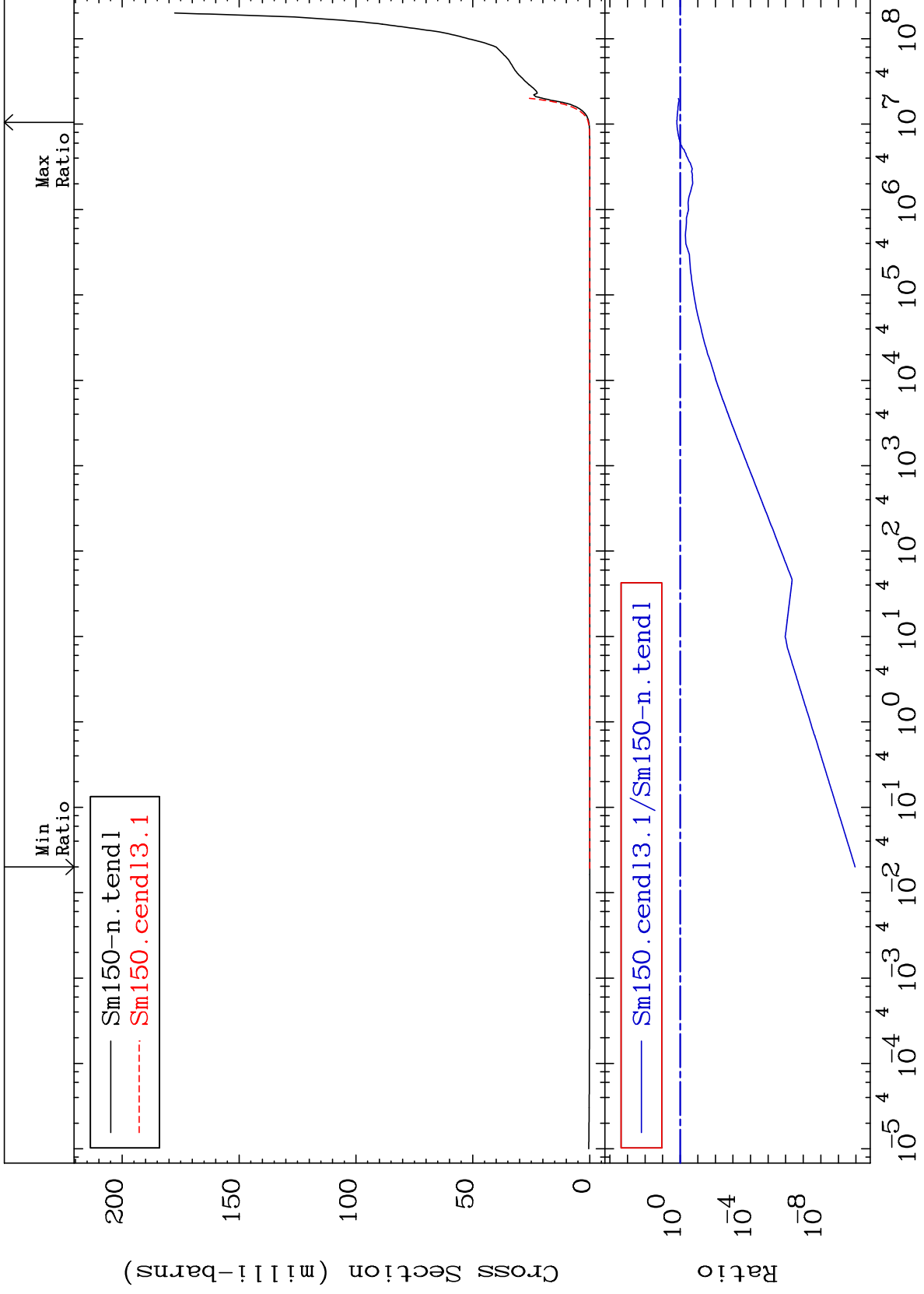
62-Sm-150
-100.0 To 43.92 %



MAT 6243

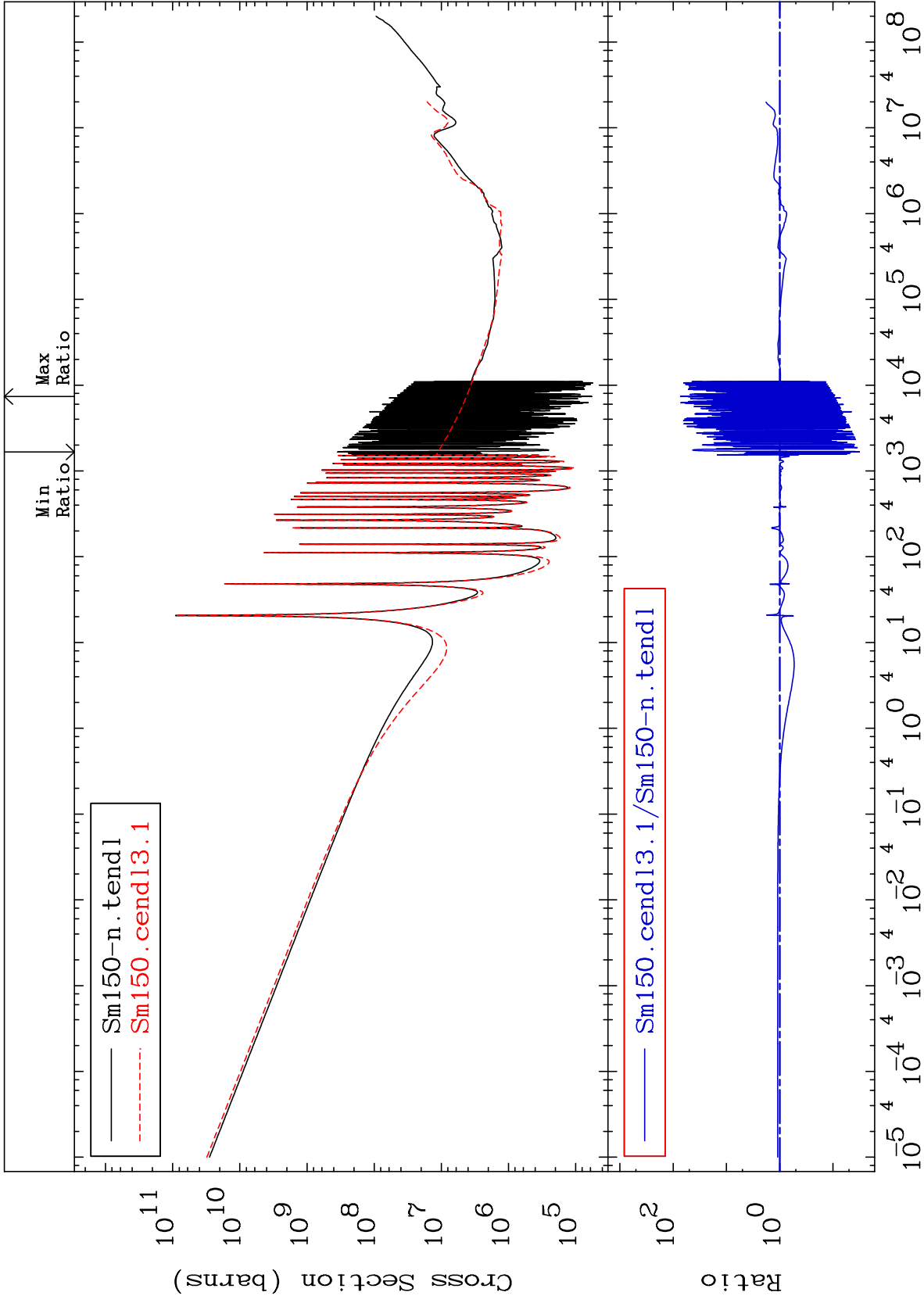
He-4 Production
Cross Section

62-Sm-150
-100.0 To 53.79 %



Cross Section

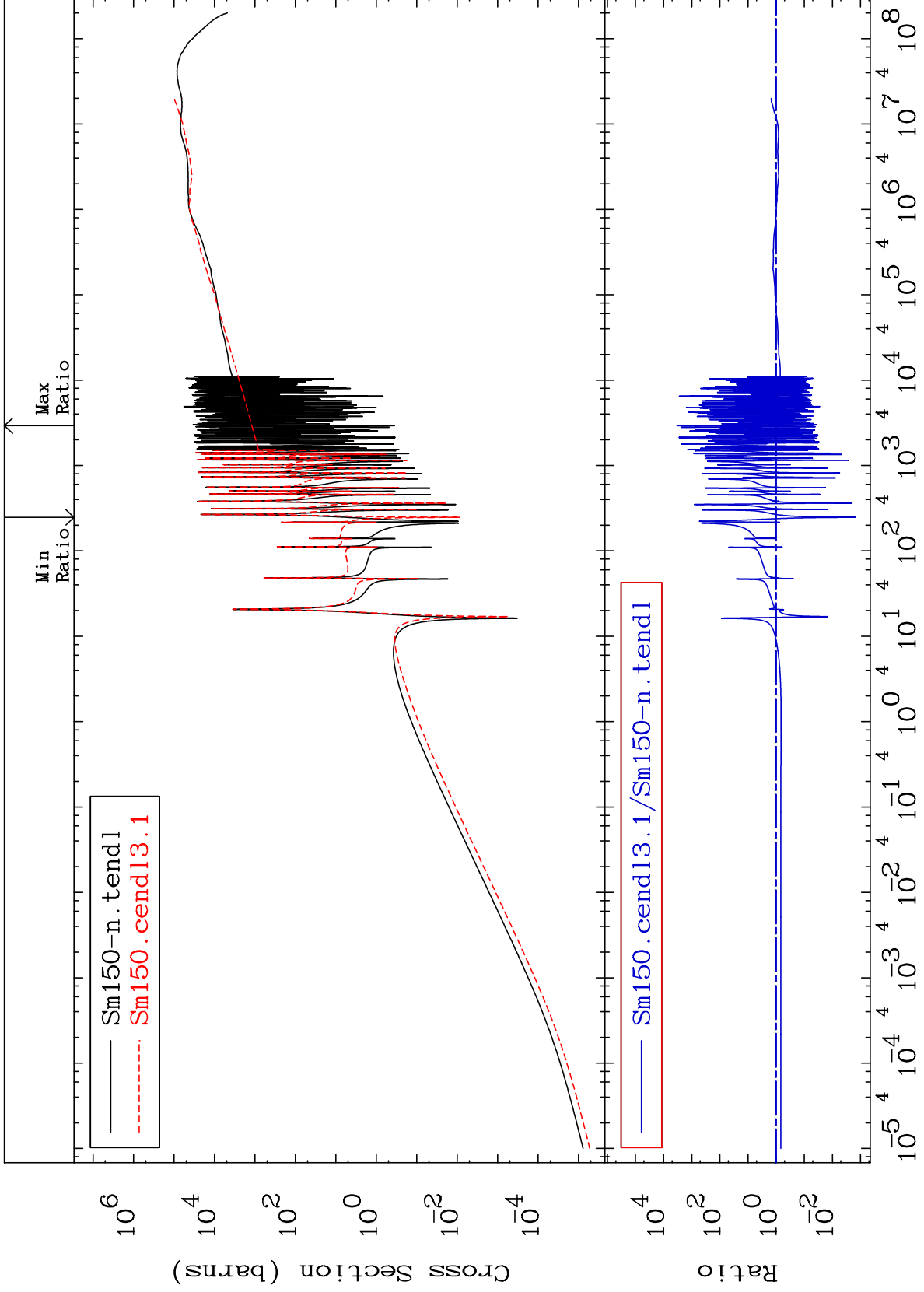
-96.81 To 7229. %

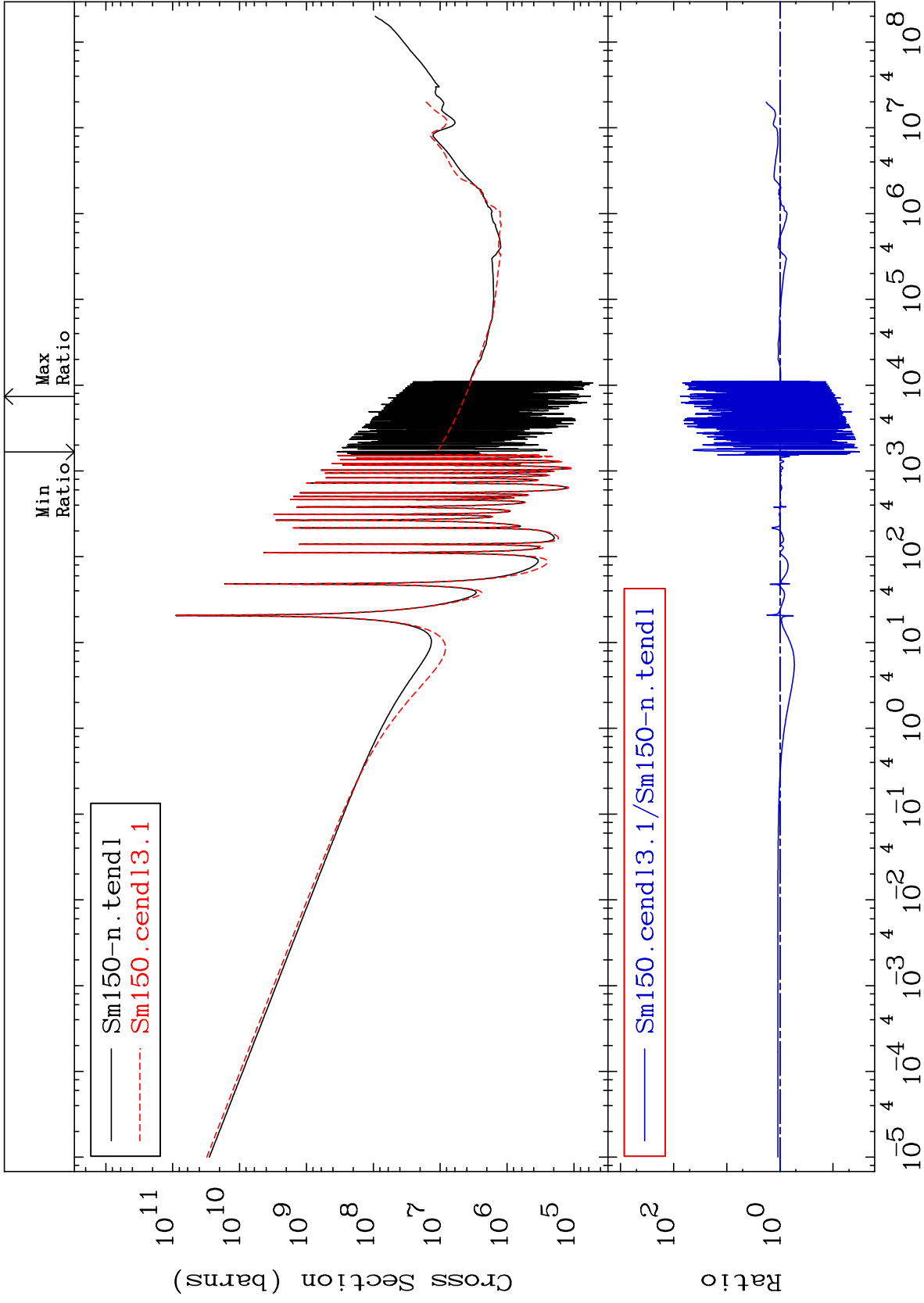


MAT 6243

Kerma elastic
Cross Section

62-Sm-150
-99.84 To 9999. %

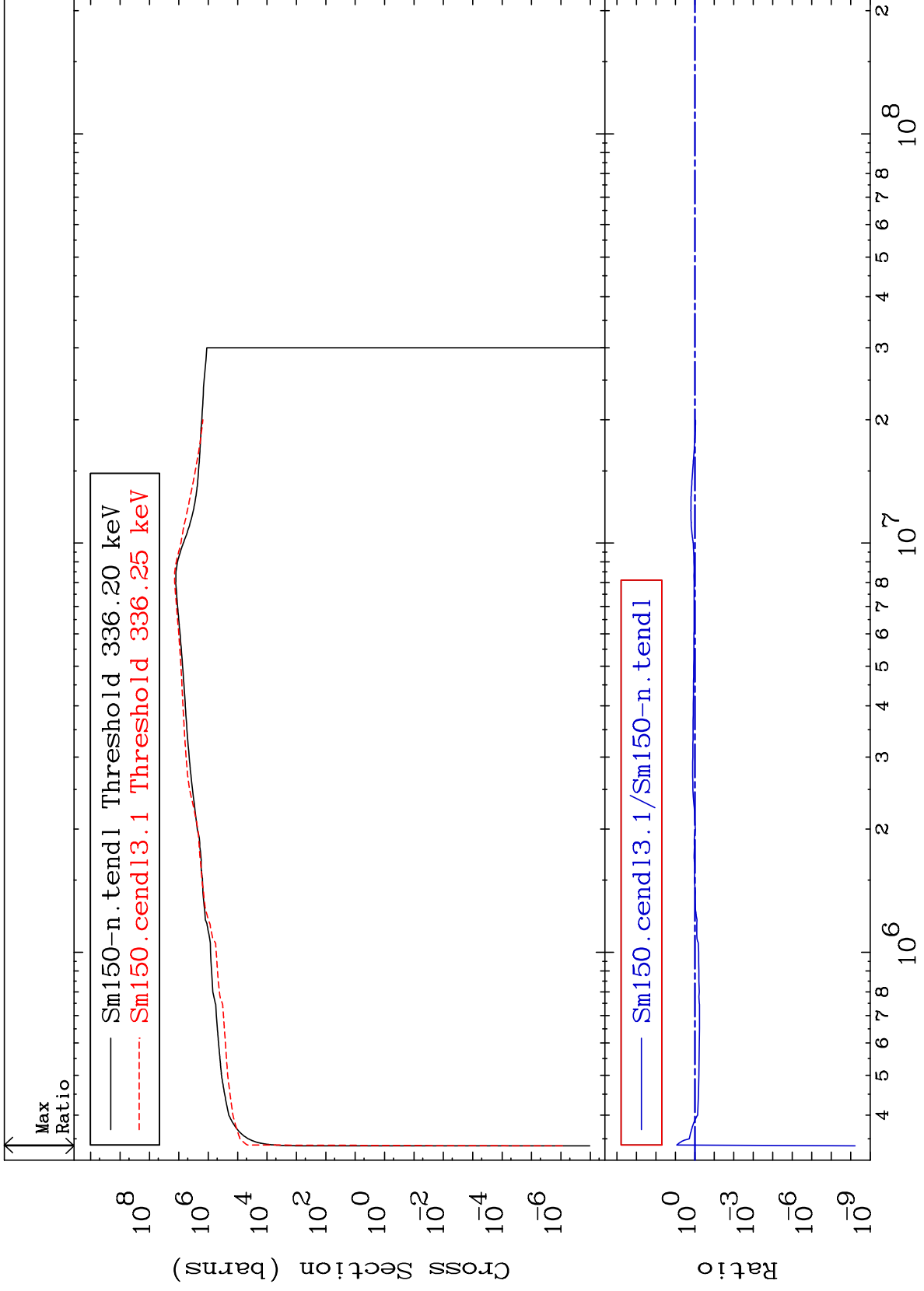




MAT 6243

Kerma inelastic (mt51-91)
Cross Section

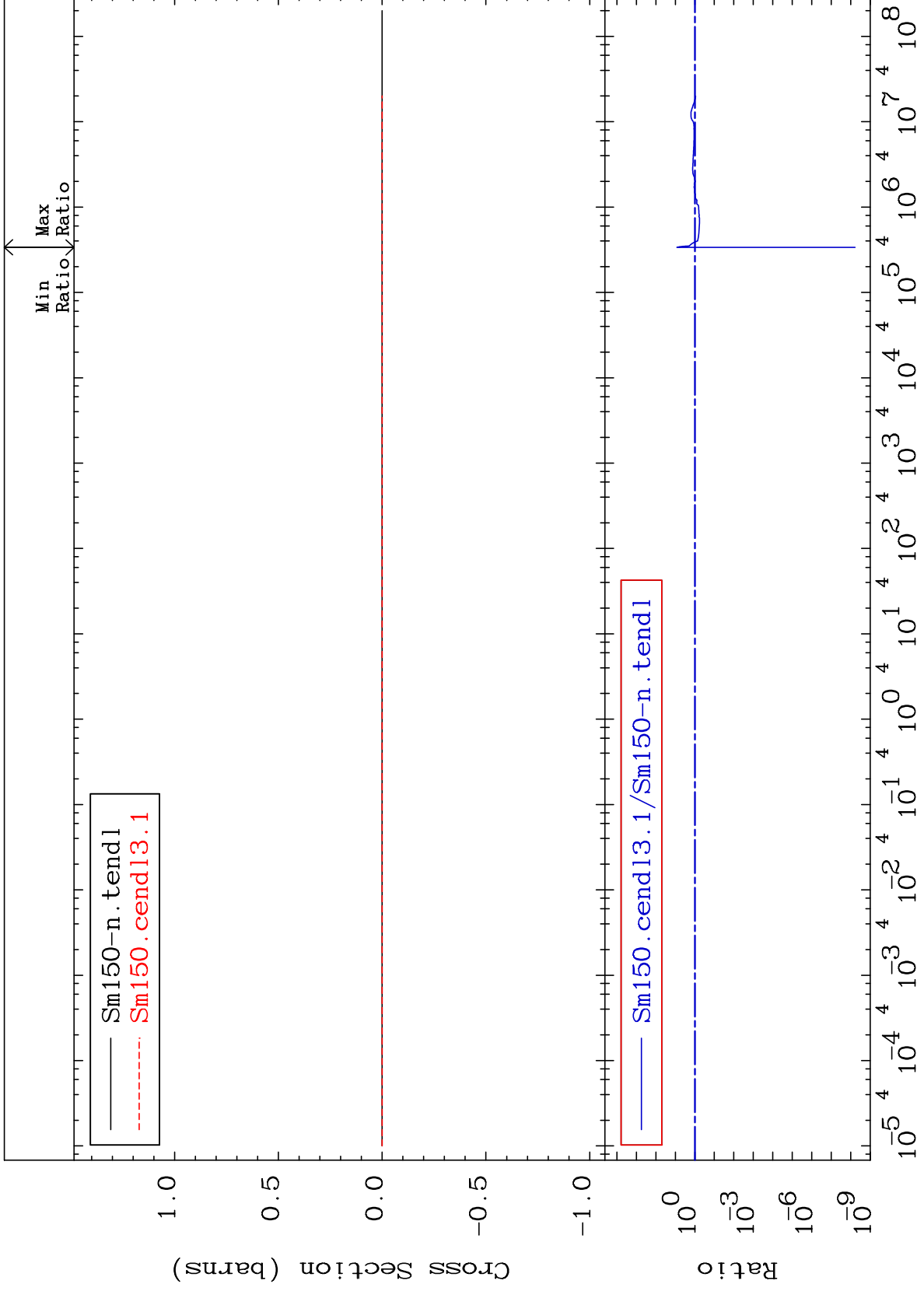
62-Sm-150
-100.0 To 730.1 %



MAT 6243

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

62-Sm-150
-100.0 To 730.1 %



40

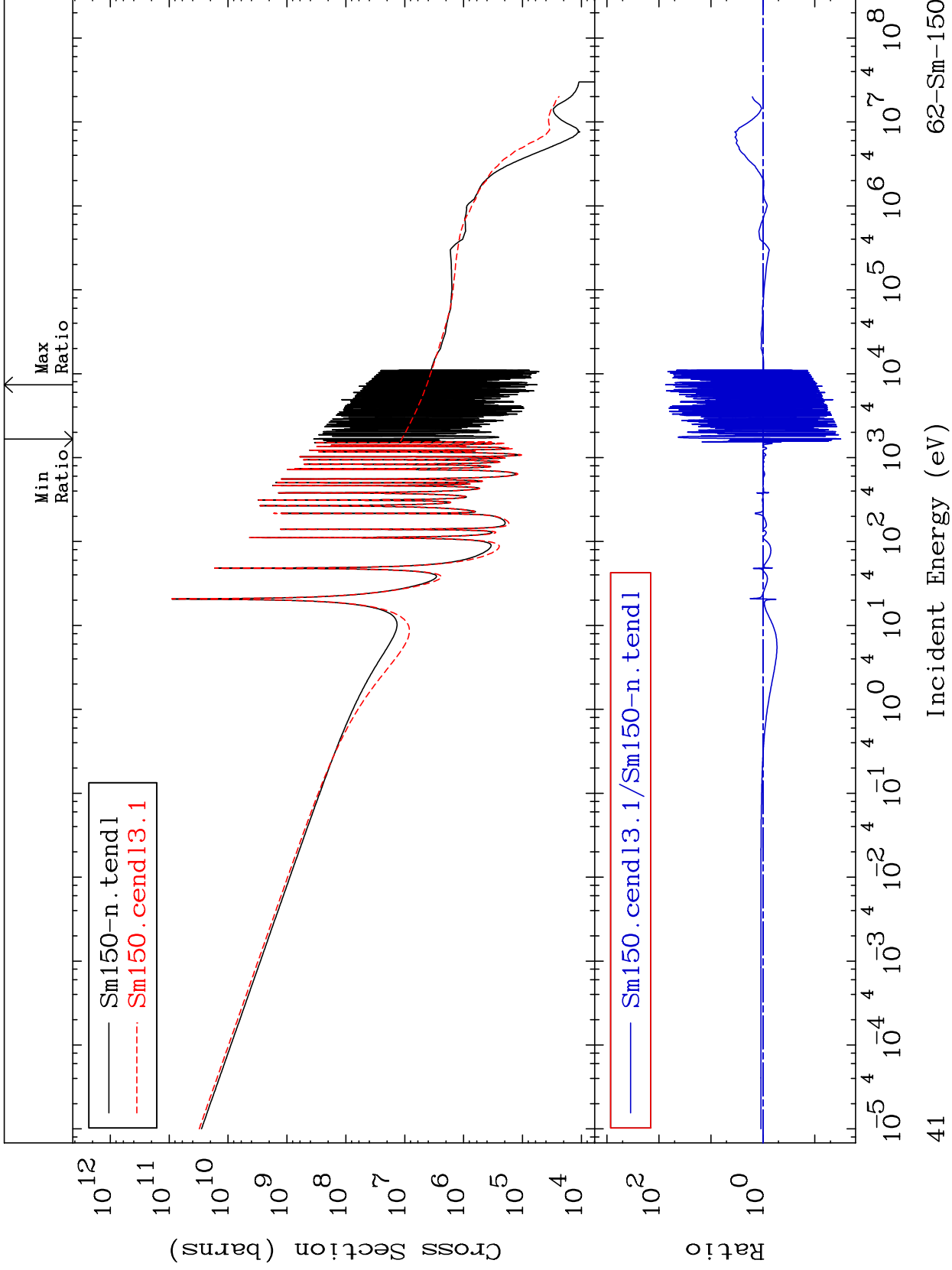
Incident Energy (eV)

62-Sm-150

MAT 6243

Kerma capture (mt102)
Cross Section

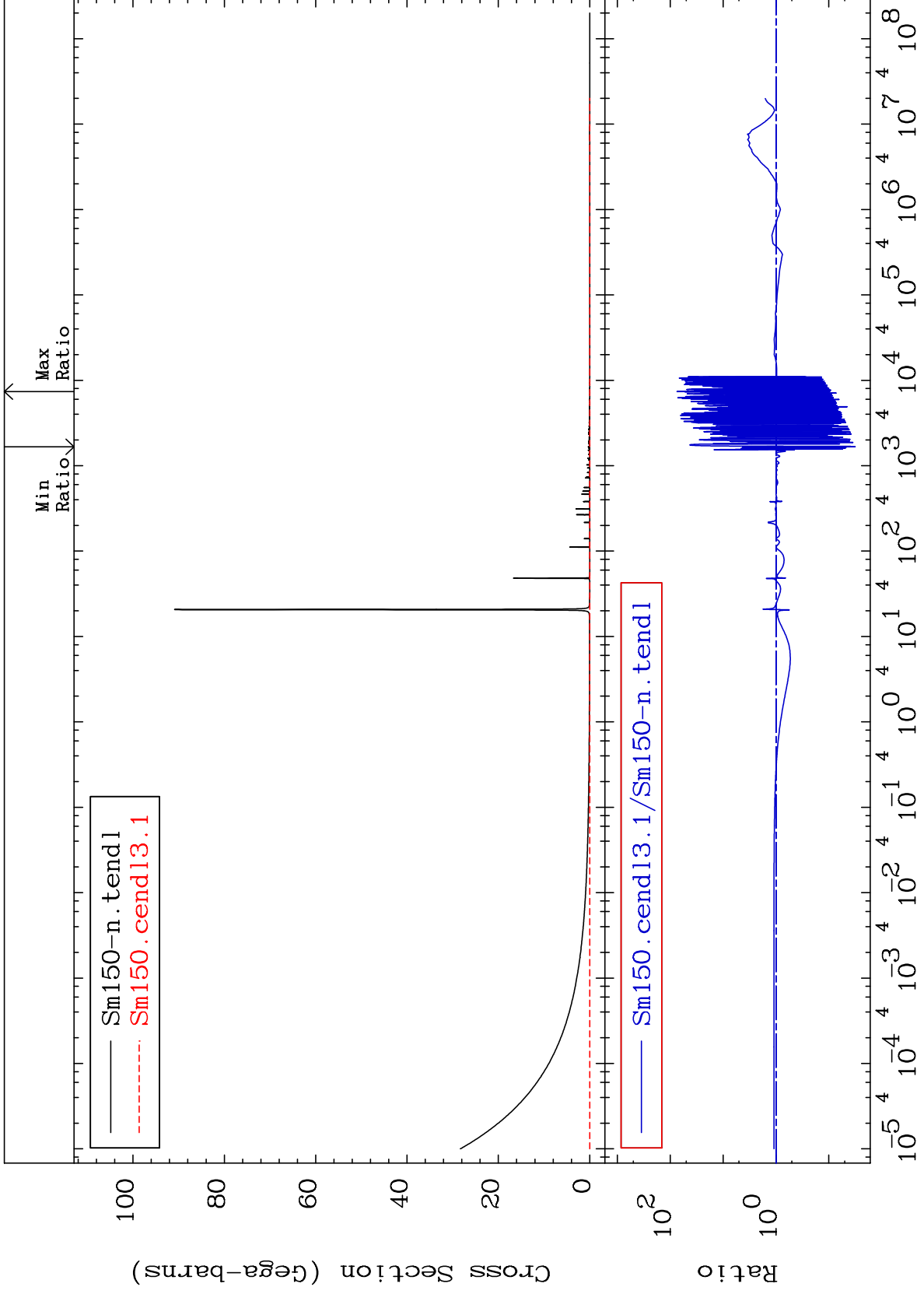
62-Sm-150
-96.81 To 7366. %



MAT 6243

Total photon (eV-barns)
Cross Section

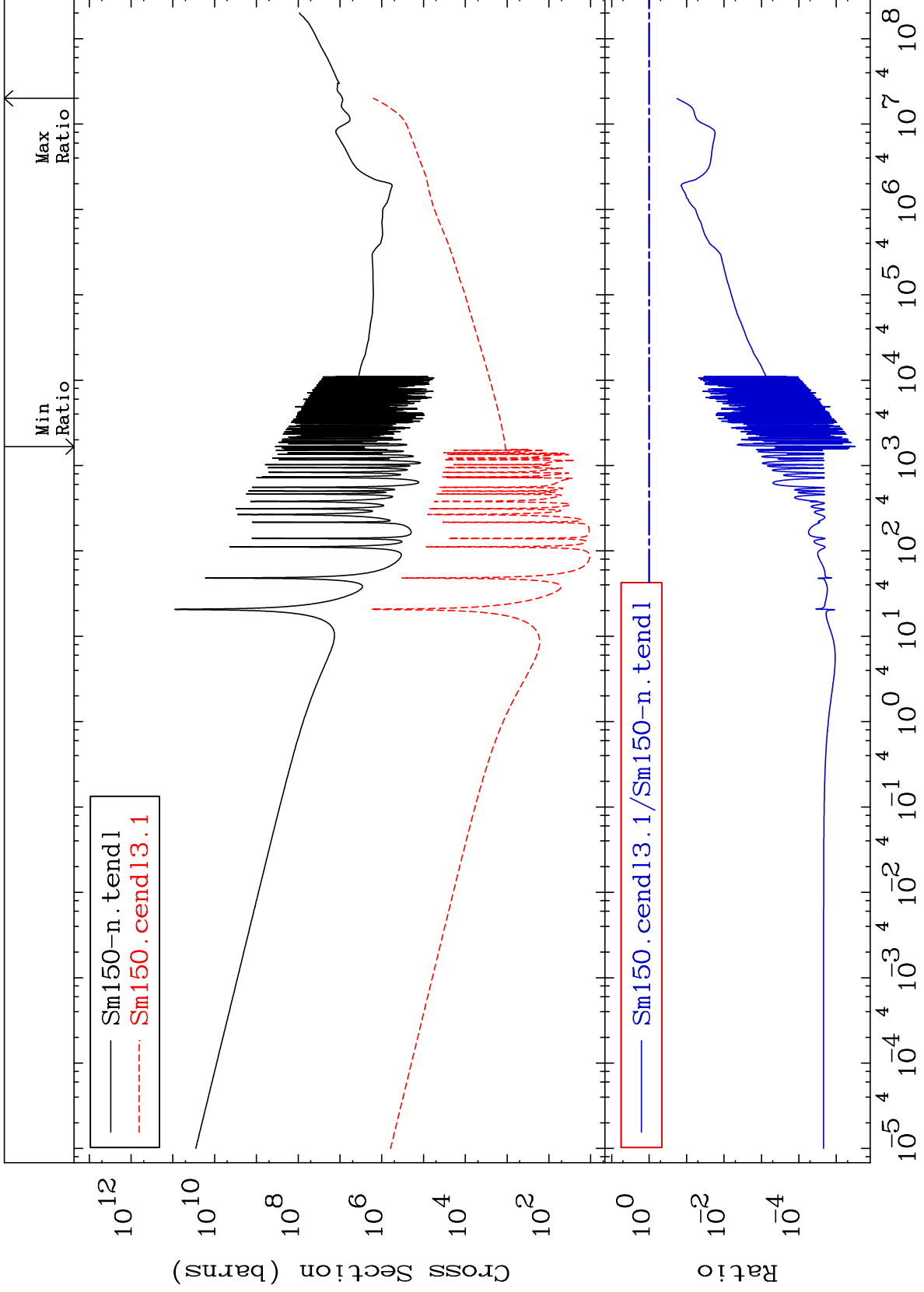
62-Sm-150
-96.81 To 7366. %

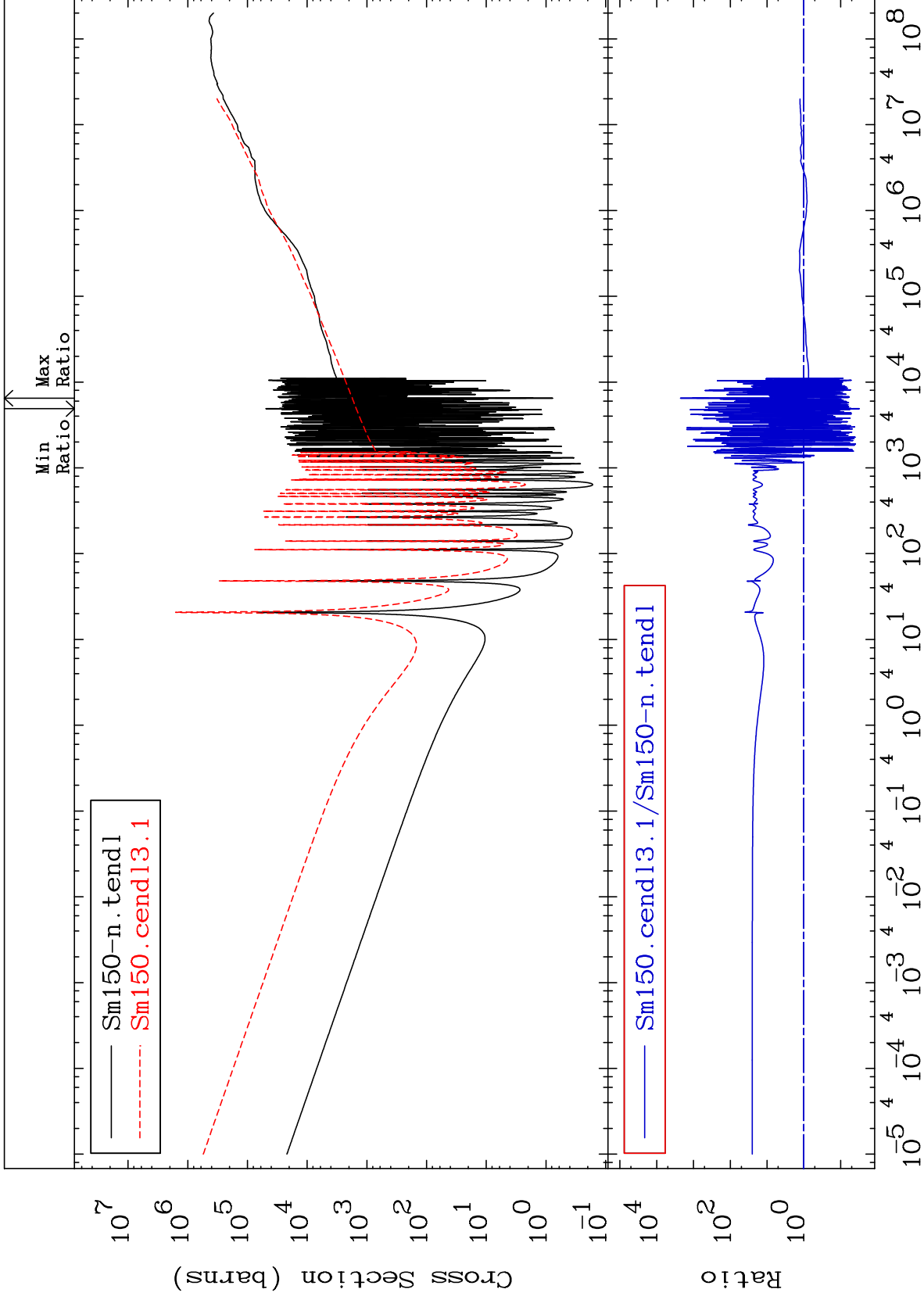


MAT 6243

Total kinematic kerma (high limit)
Cross Section

62-Sm-150
-100.0 To -81.87%

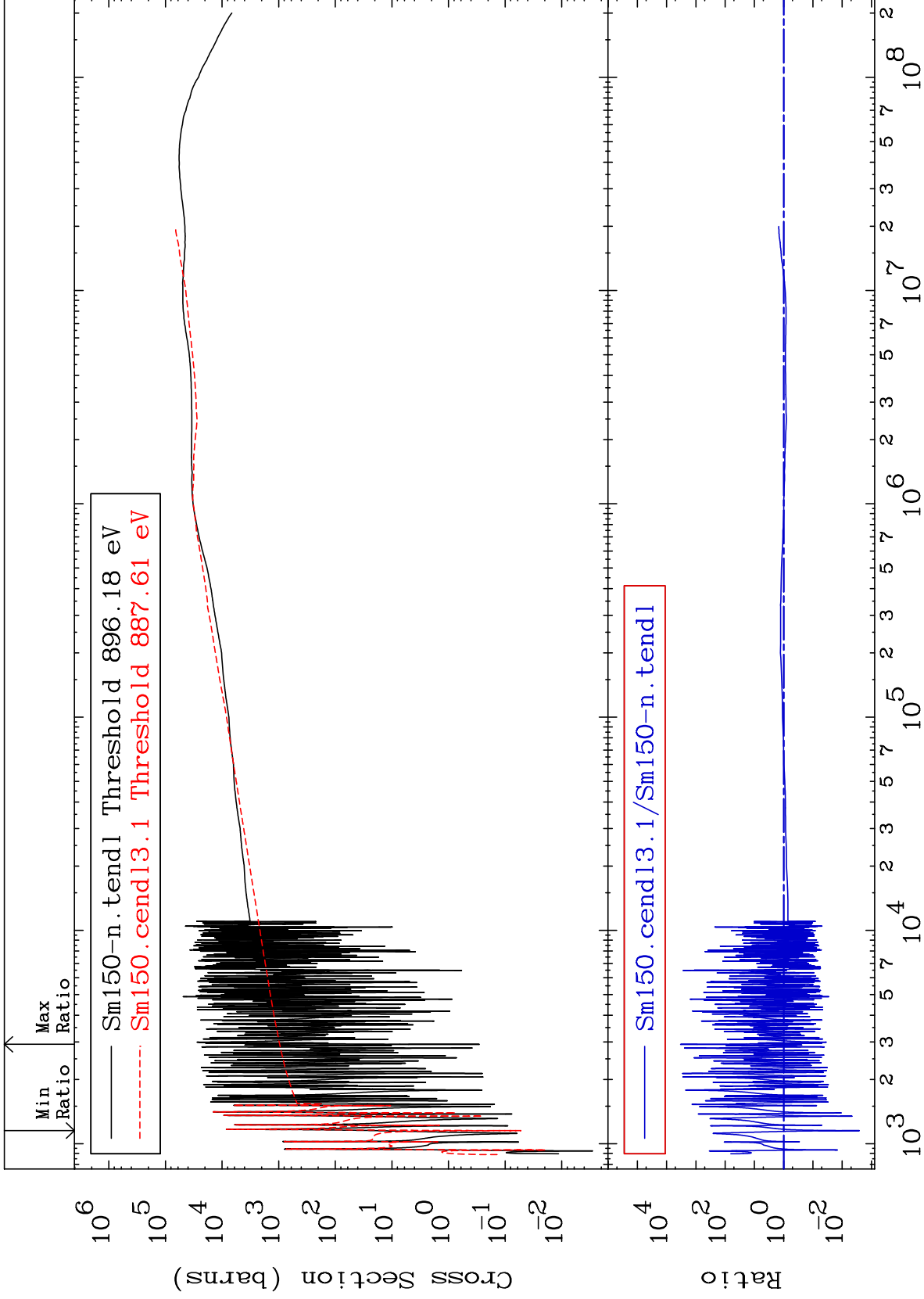




MAT 6243

Dpa elastic (mt2)
Cross Section

62-Sm-150
-99.74 To 9999. %



45

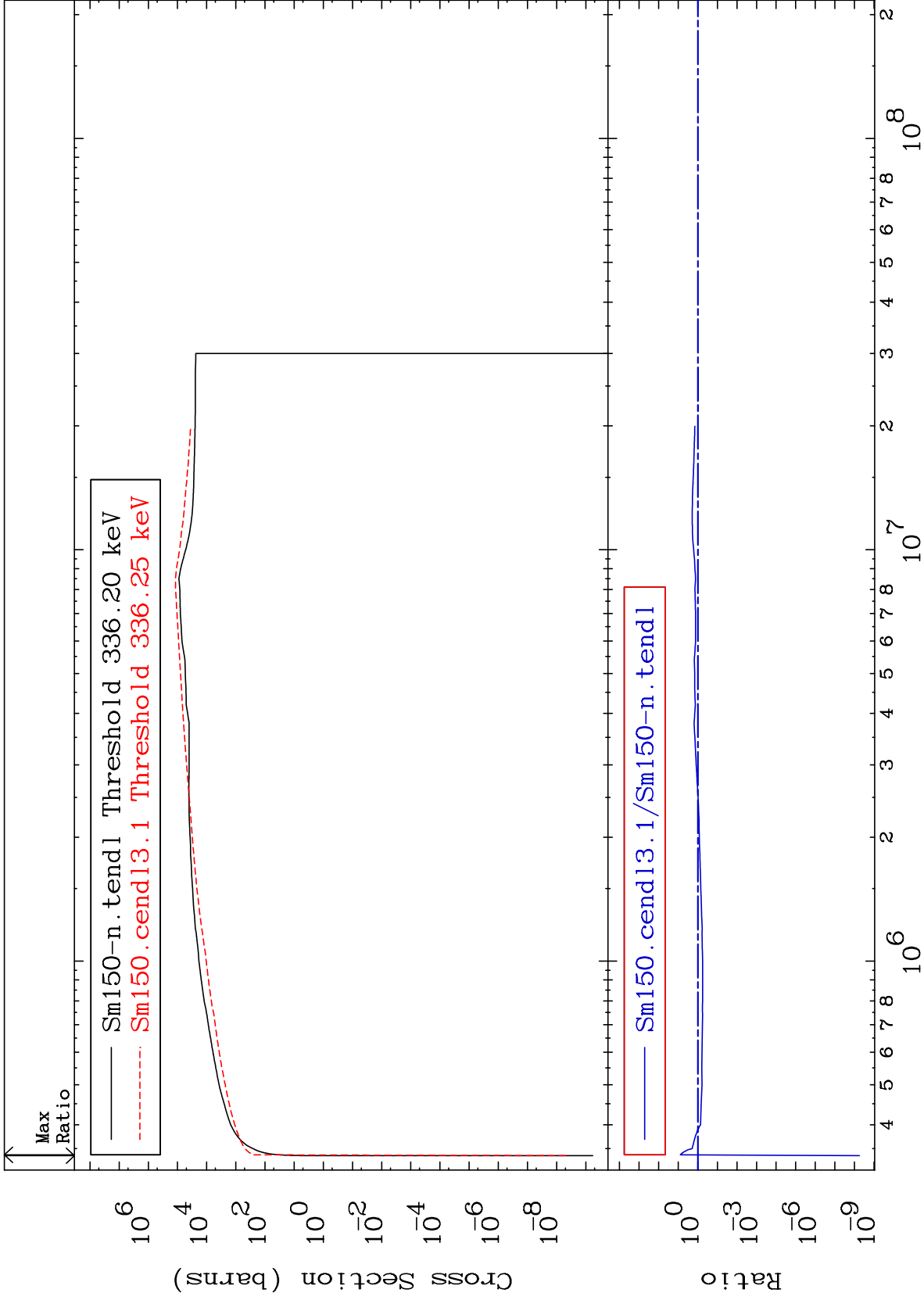
Incident Energy (eV)

62-Sm-150

MAT 6243

Dpa inelastic (mt51-91)
Cross Section

62-Sm-150
-100.0 To 679.3 %



MAT 6243

Dpa disappearance (mt102 -120)
Cross Section

62-Sm-150
-19.59 To 9999. %

