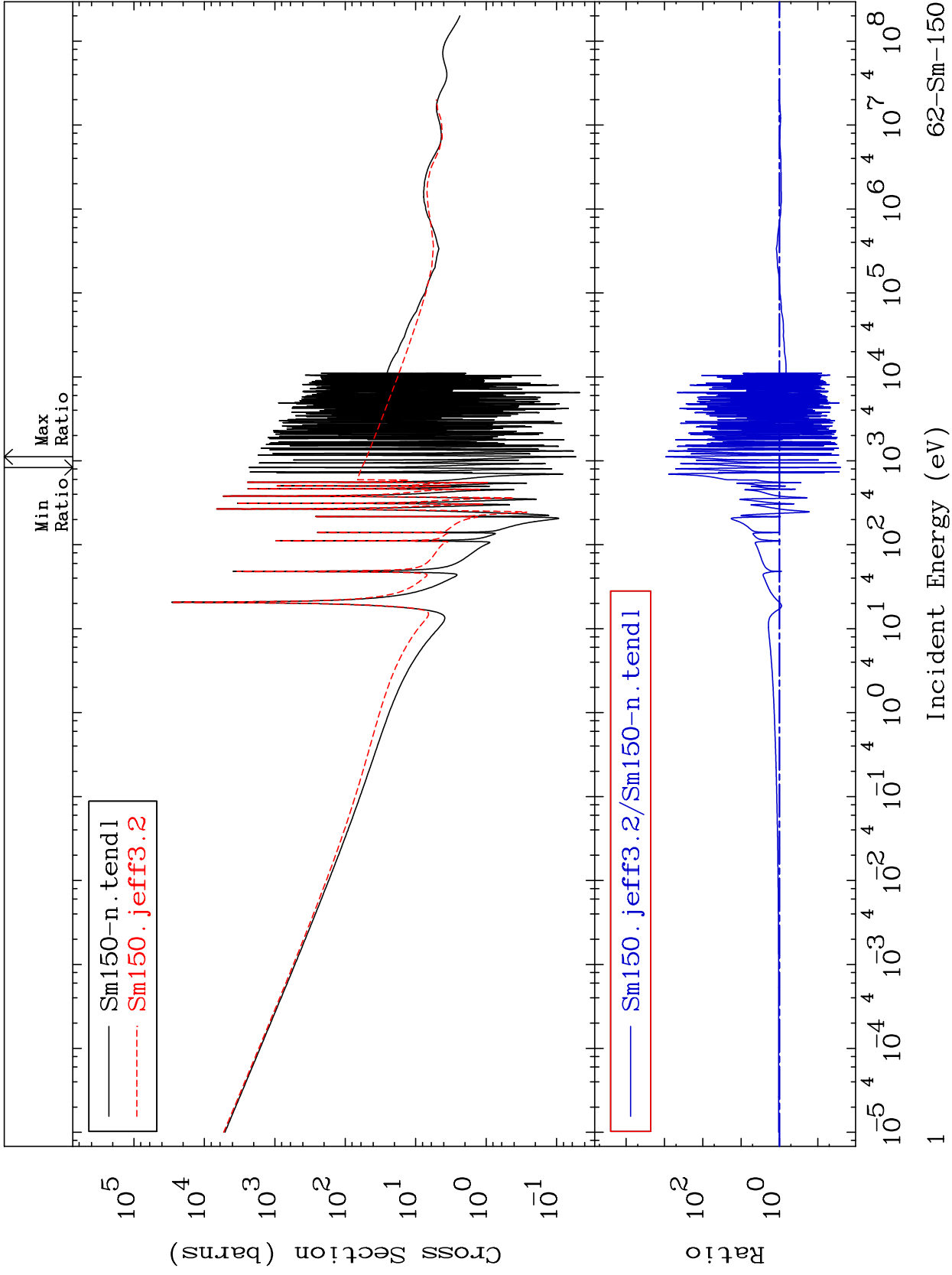


MAT 6243

Total Cross Section  
62-Sm-150  
-97.48 To 9999. %



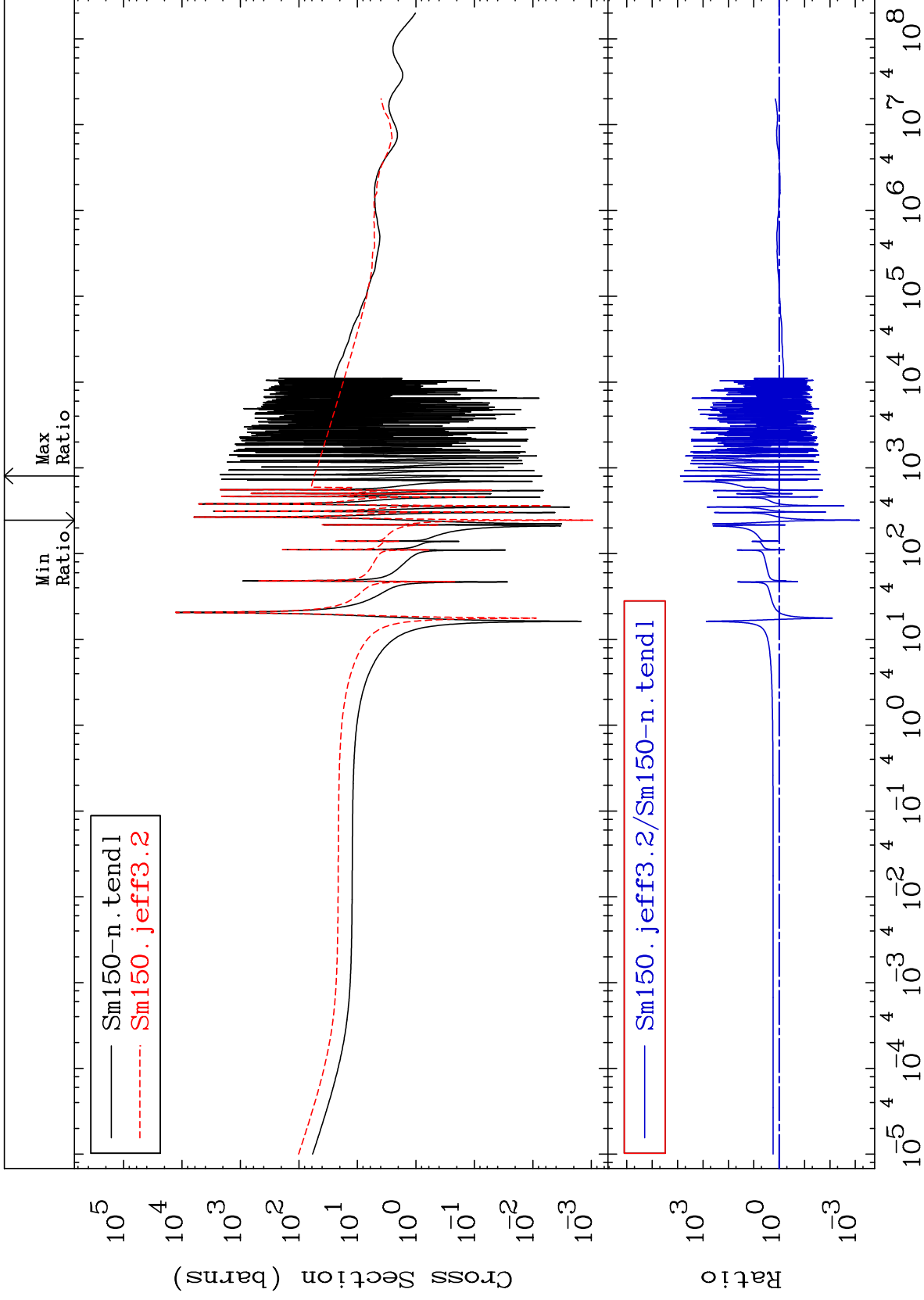
62-Sm-150

Incident Energy (eV)

MAT 6243

Elastic  
Cross Section

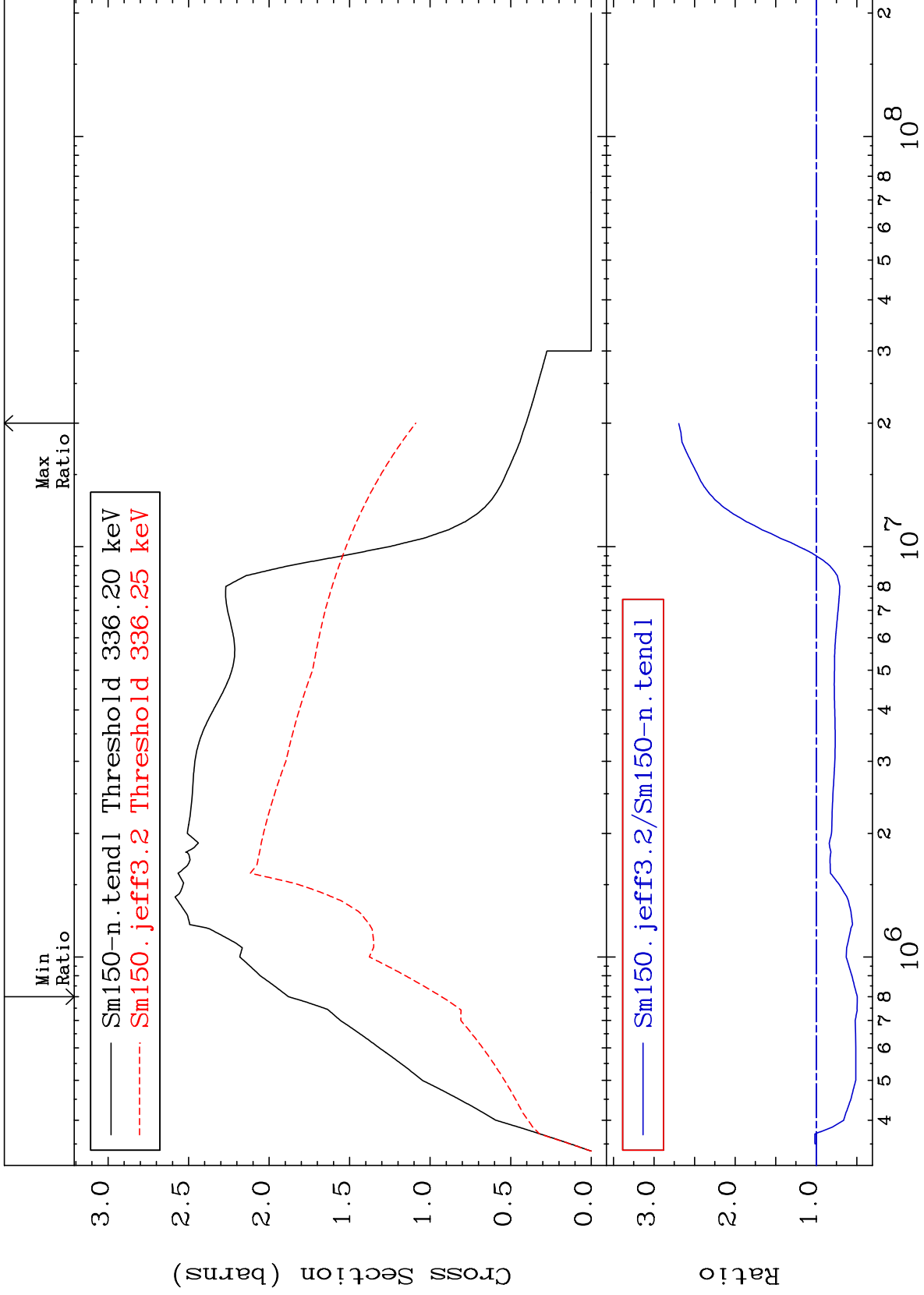
62-Sm-150  
-99.93 To 9999. %



MAT 6243

Inelastic  
Cross Section

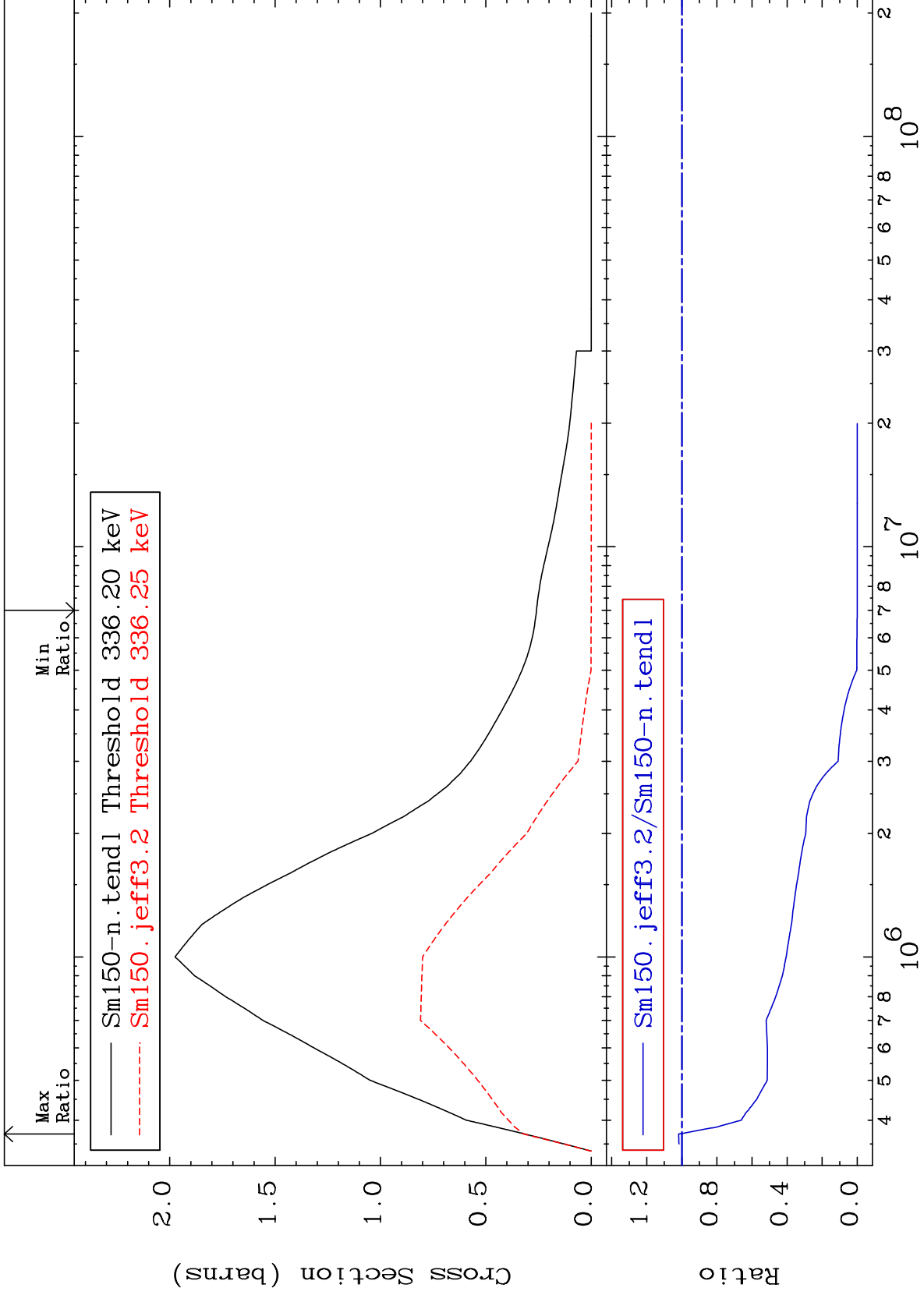
62-Sm-150  
-50.54 To 169.6 %



MAT 6243

334.0 keV (n,n') Level  
Cross Section

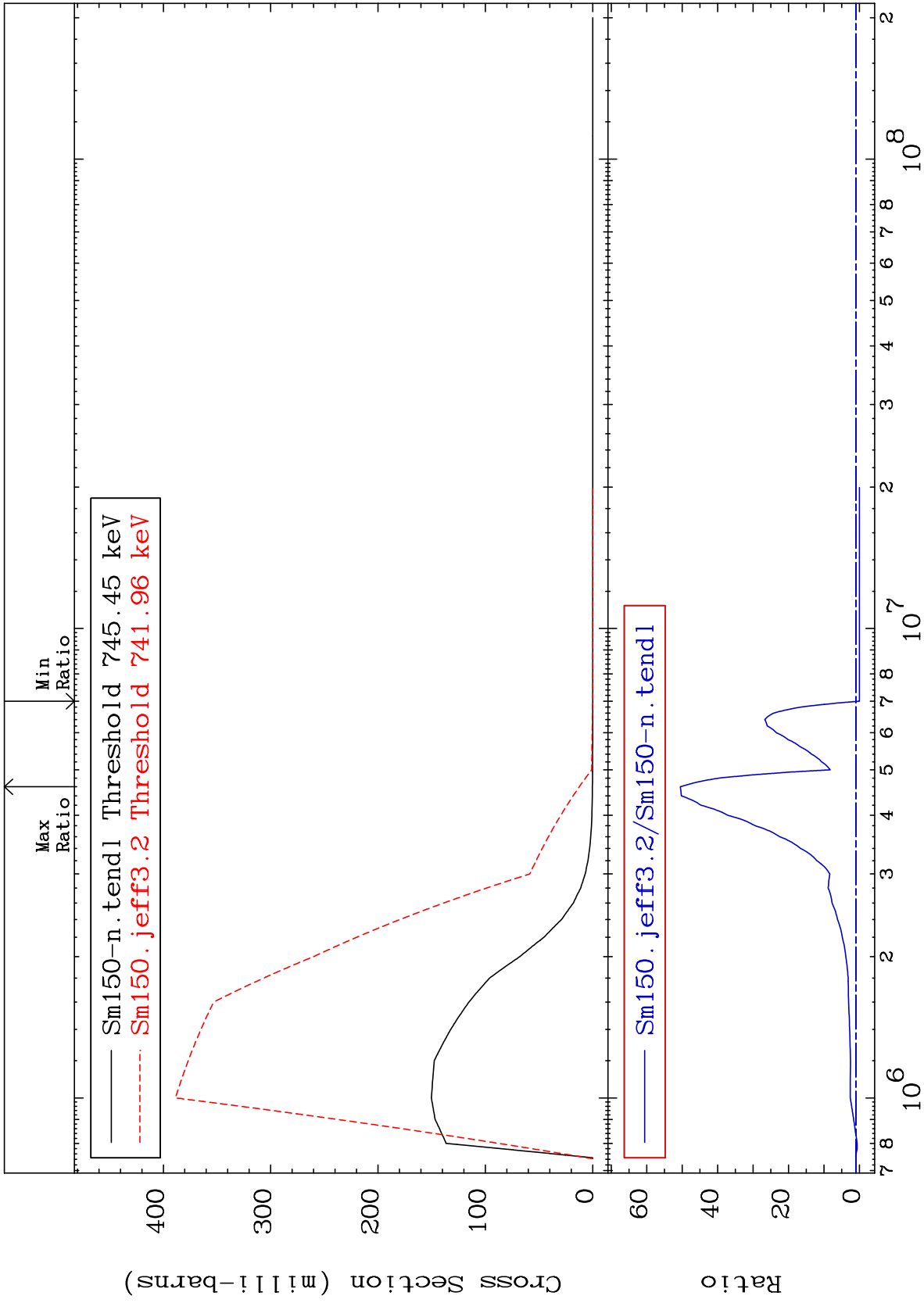
62-Sm-150  
-100.0 To 1.845 %



MAT 6243

740.5 keV (n,n') Level  
Cross Section

62-Sm-150  
-100.0 To 4952. %



5

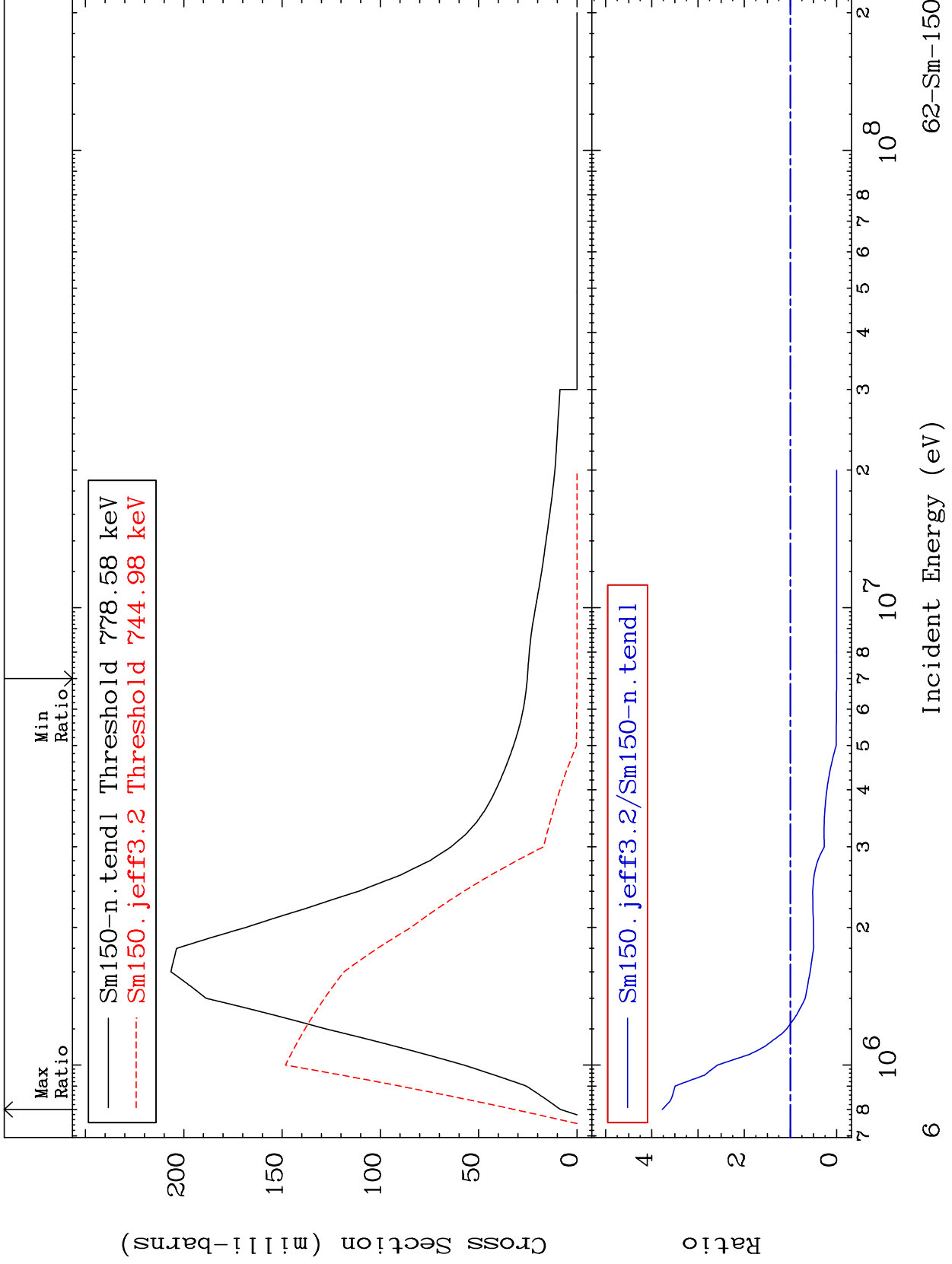
Incident Energy (eV)

62-Sm-150

MAT 6243

773.4 keV (n,n') Level  
Cross Section

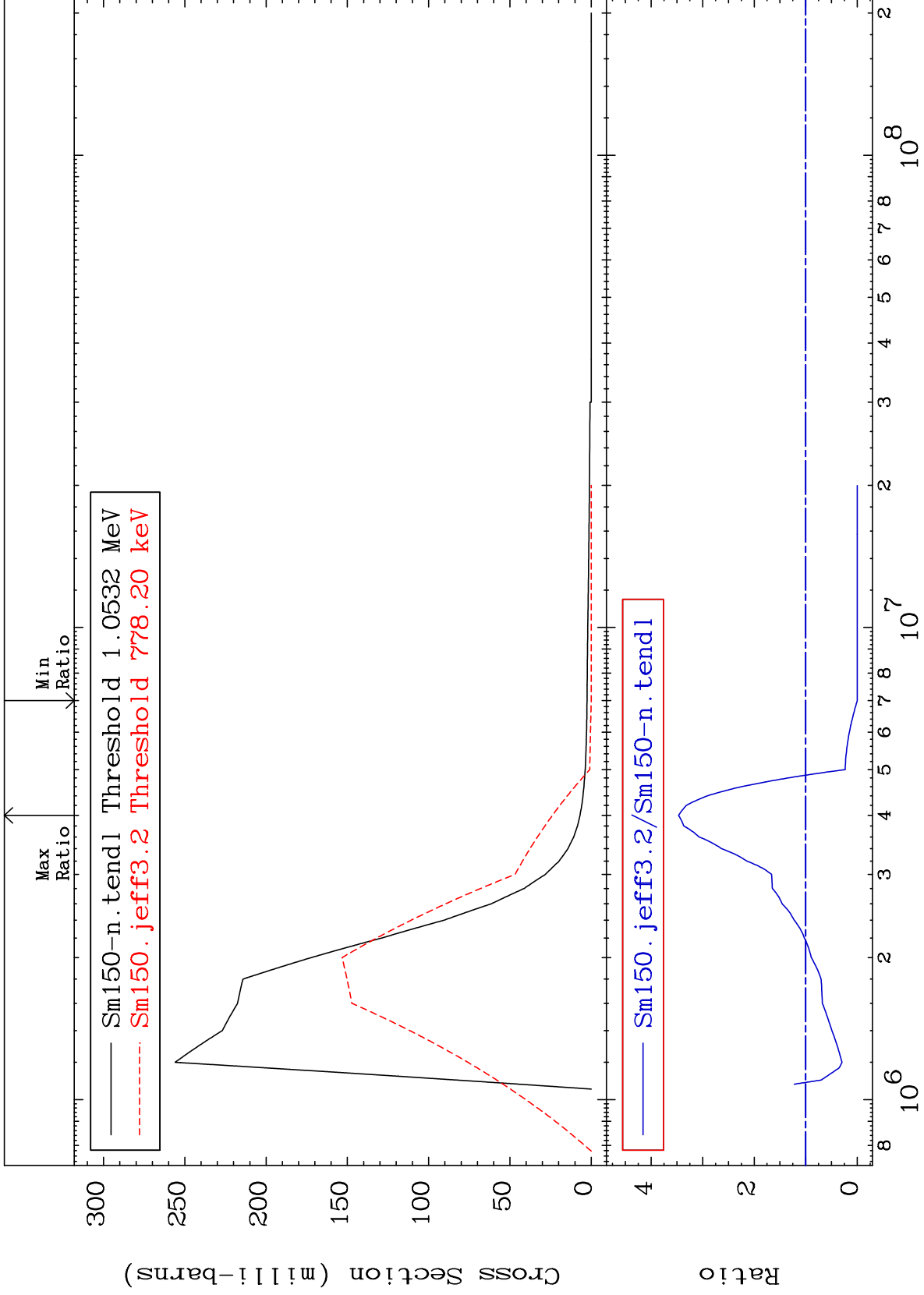
62-Sm-150  
-100.0 To 277.2 %



MAT 6243

1.046 MeV (n,n') Level  
Cross Section

62-Sm-150  
-100.0 To 246.6 %



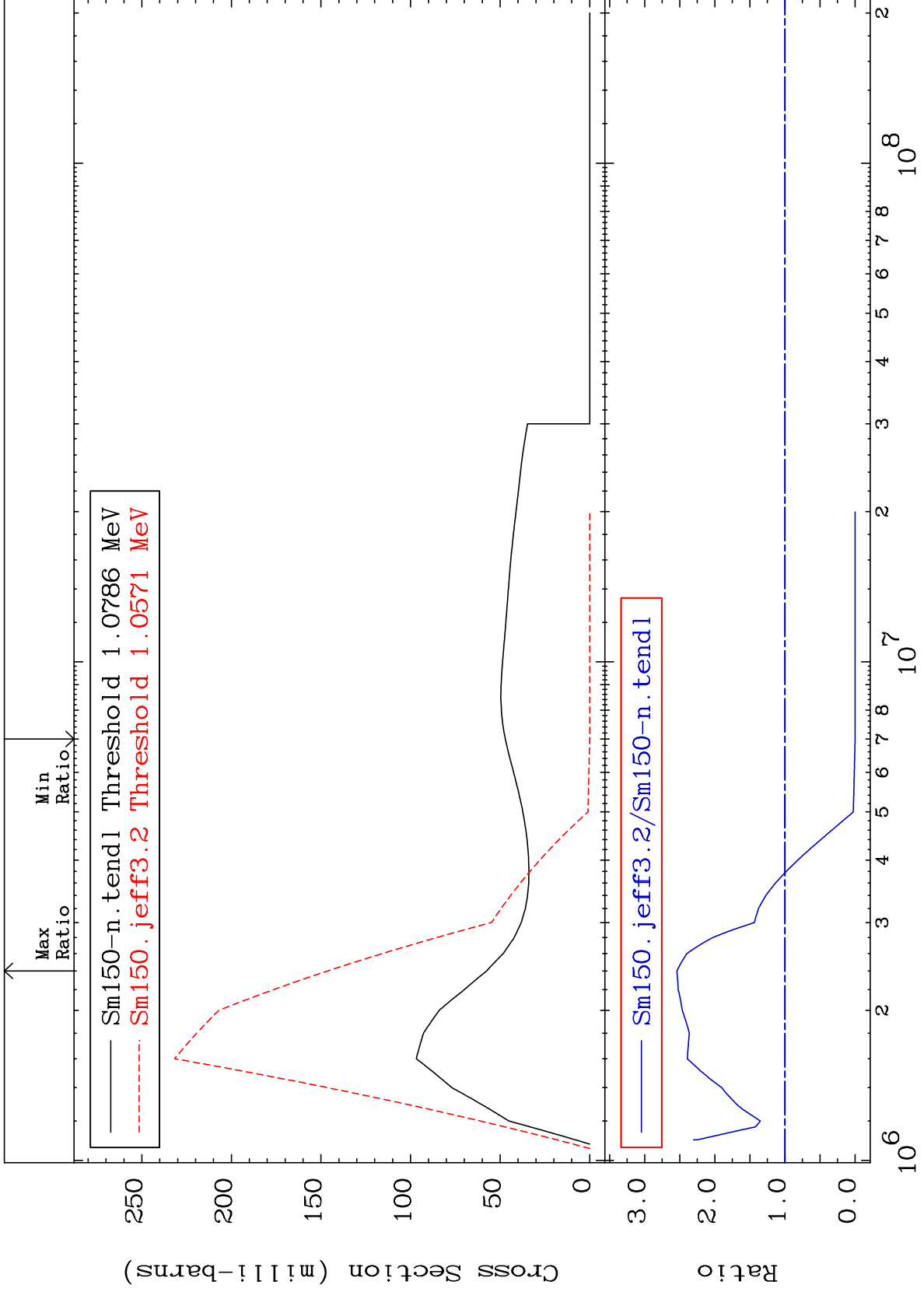
Incident Energy (eV)

62-Sm-150

MAT 6243

1.071 MeV (n,n') Level  
Cross Section

62-Sm-150  
-100.0 To 154.0 %



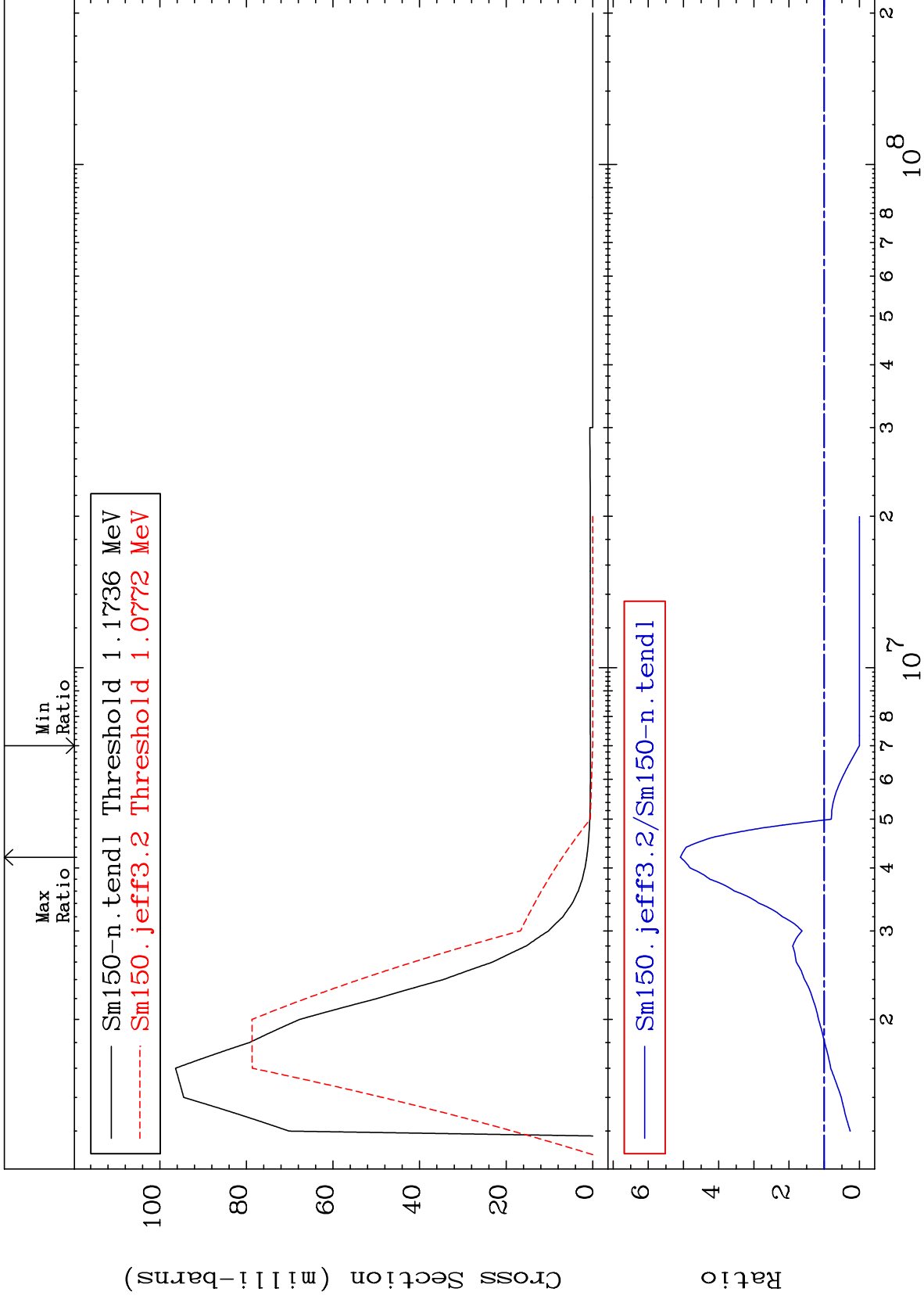
62-Sm-150



MAT 6243

1.166 MeV (n,n') Level  
Cross Section

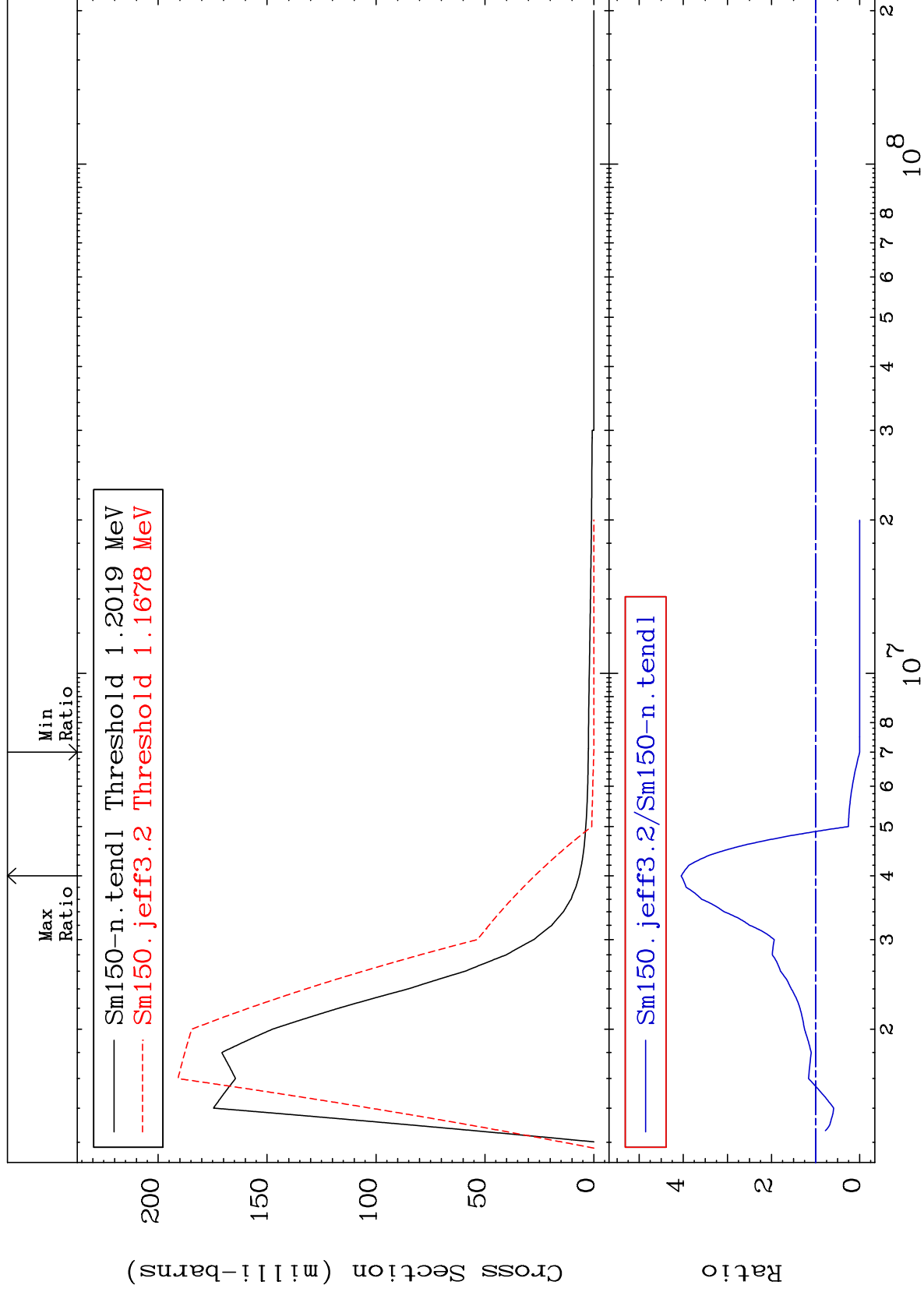
62-Sm-150  
-100.0 To 408.9 %



MAT 6243

1.194 MeV (n,n') Level  
Cross Section

62-Sm-150  
-100.0 To 304.8 %



10

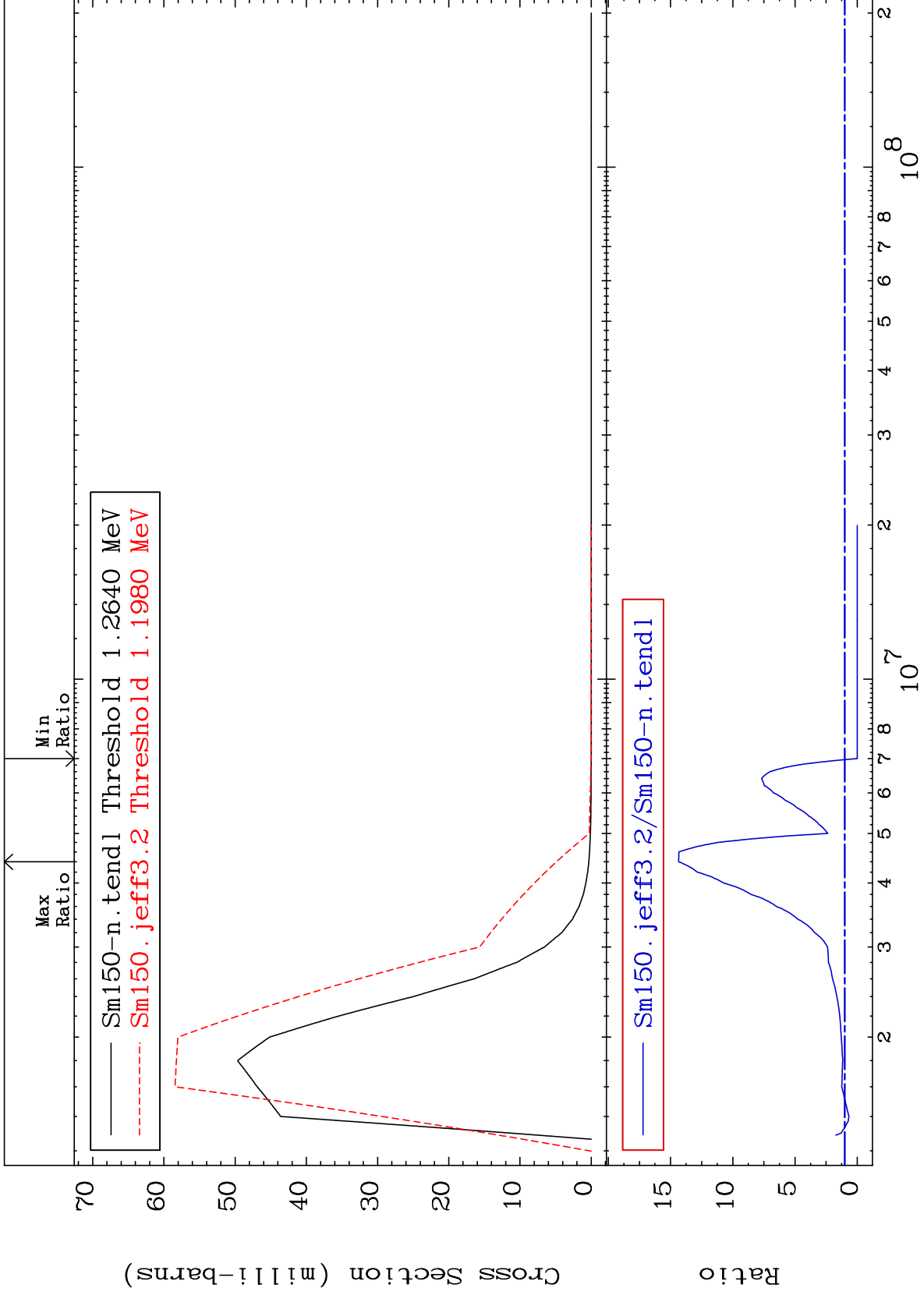
Incident Energy (eV)

62-Sm-150

MAT 6243

1.256 MeV (n,n') Level  
Cross Section

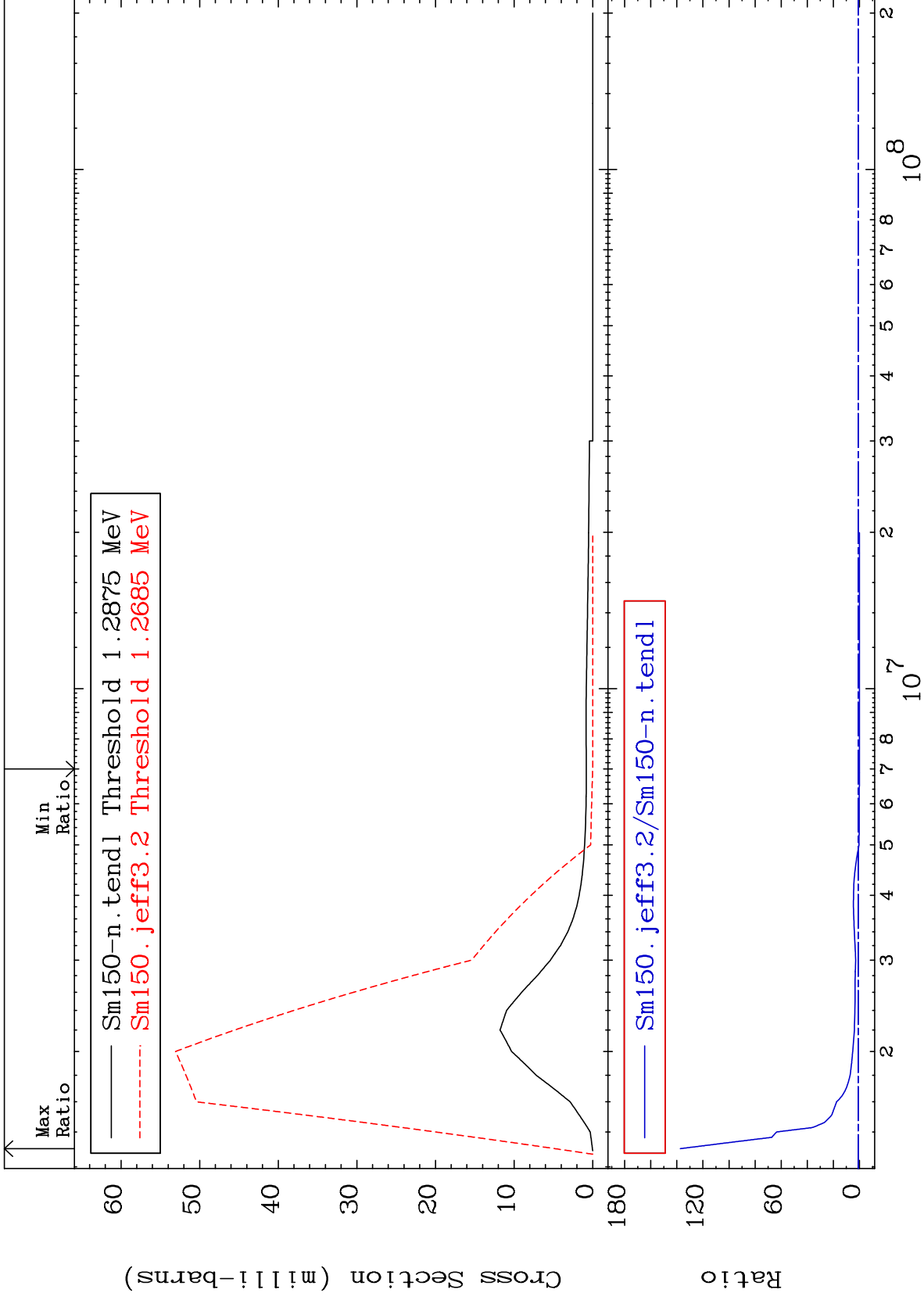
62-Sm-150  
-100.0 To 1335. %



MAT 6243

1.279 MeV (n,n') Level  
Cross Section

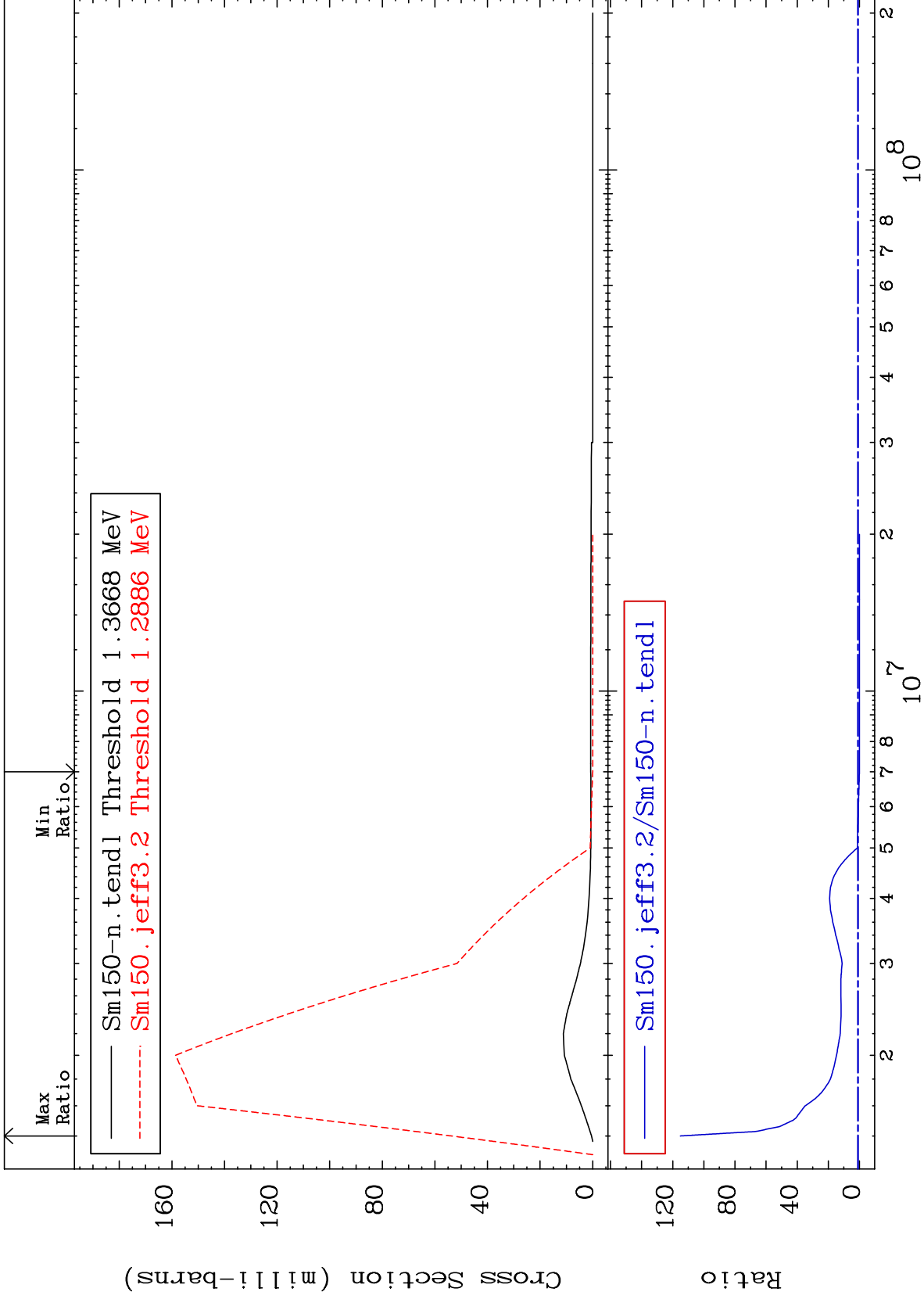
62-Sm-150  
-100.0 To 9999. %



MAT 6243

1.358 MeV (n,n') Level  
Cross Section

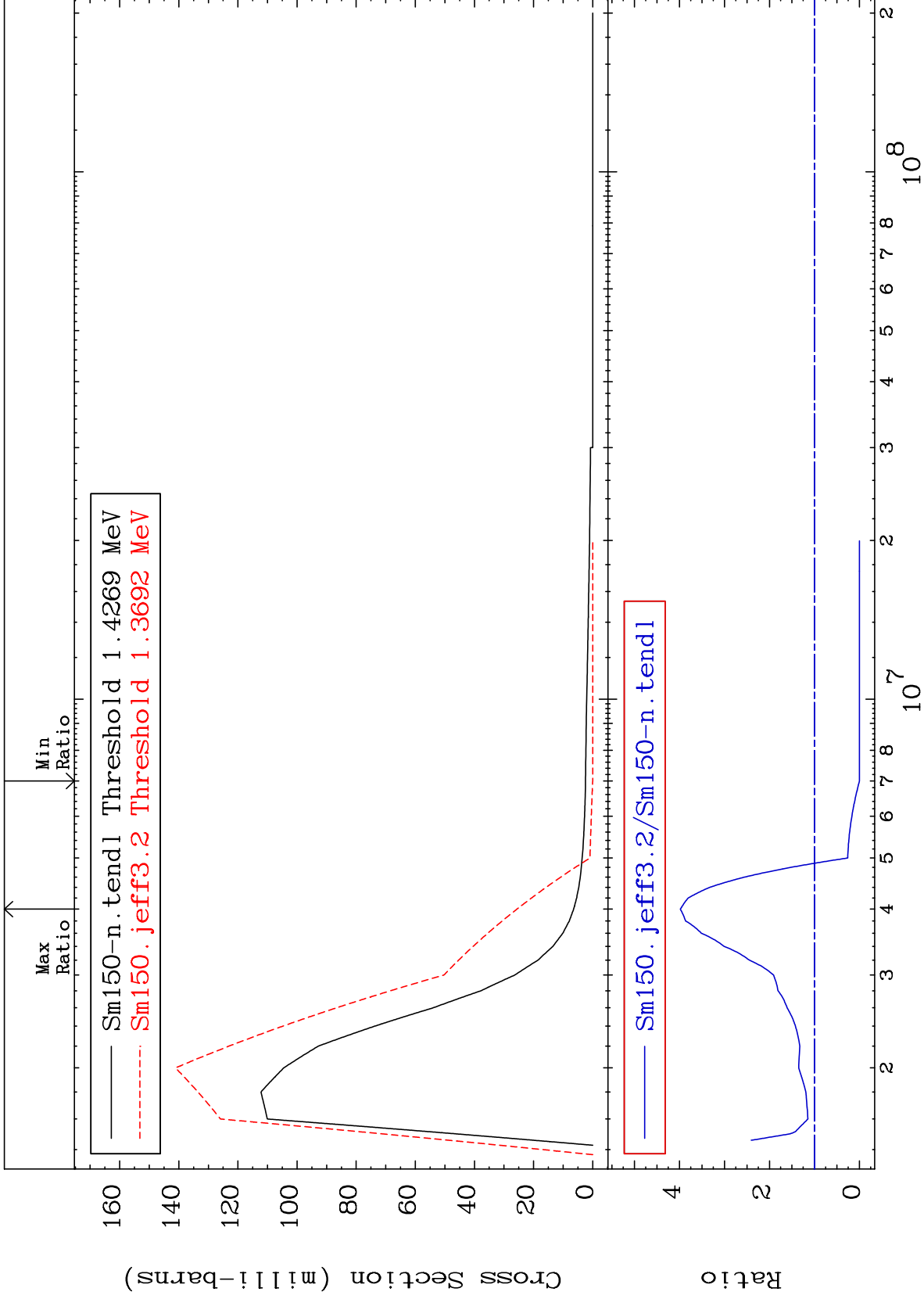
62-Sm-150  
-100.0 To 9999. %



MAT 6243

1.417 MeV (n,n') Level  
Cross Section

62-Sm-150  
-100.0 To 298.1 %



14

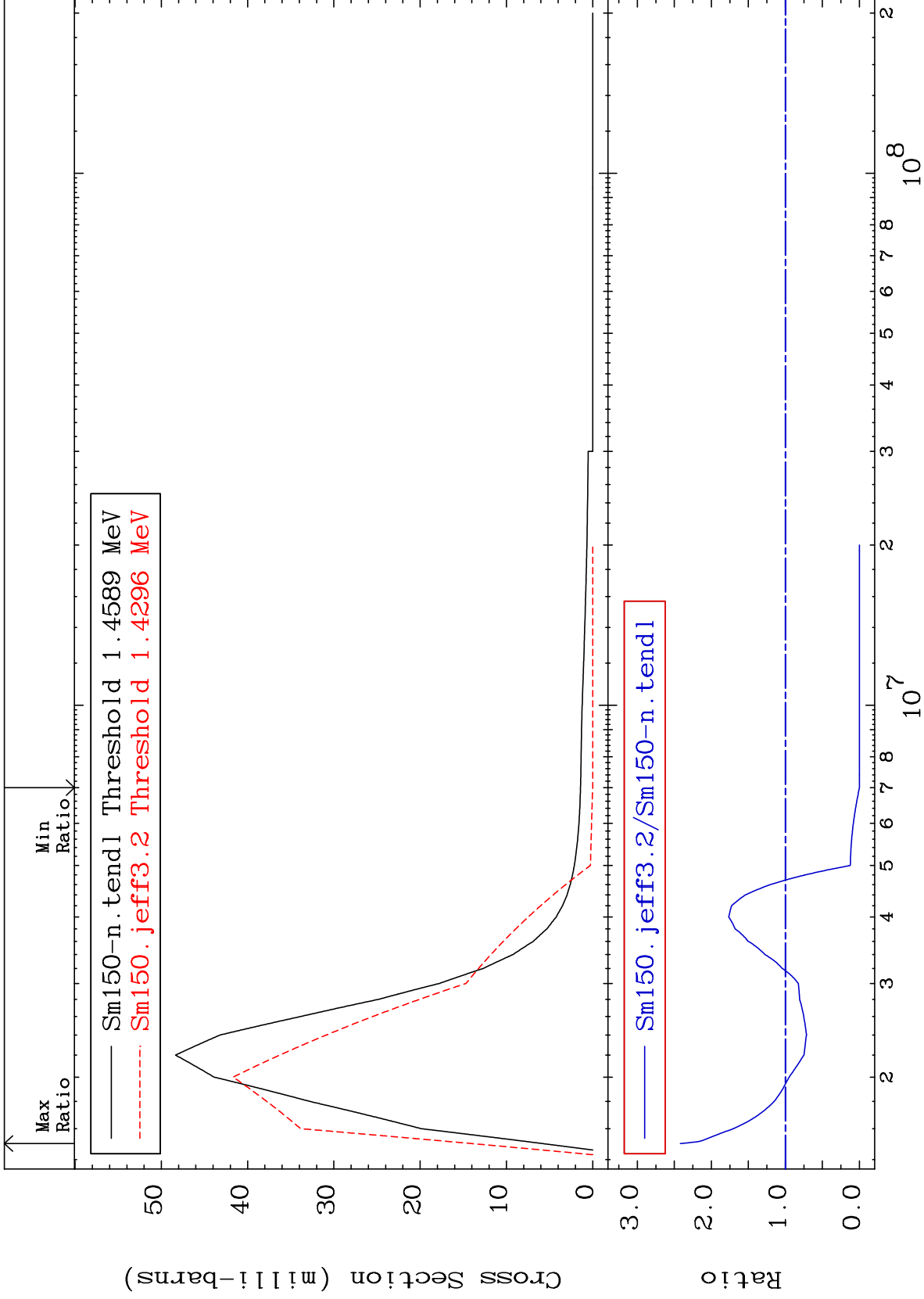
Incident Energy (eV)

62-Sm-150

MAT 6243

1.449 MeV (n,n') Level  
Cross Section

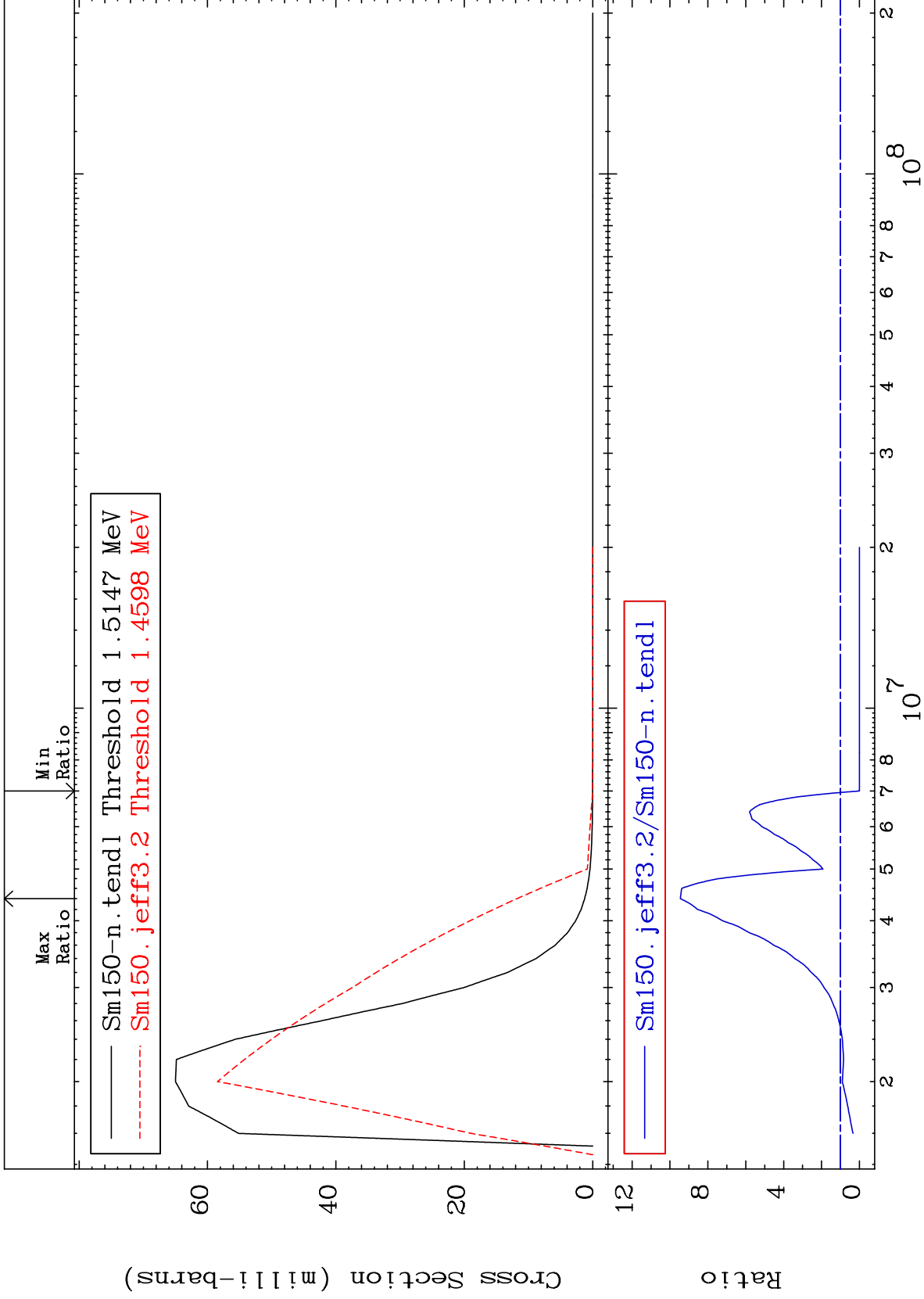
62-Sm-150  
-100.0 To 141.9 %



MAT 6243

1.505 MeV (n,n') Level  
Cross Section

62-Sm-150  
-100.0 To 845.2 %



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Incident Energy (eV)

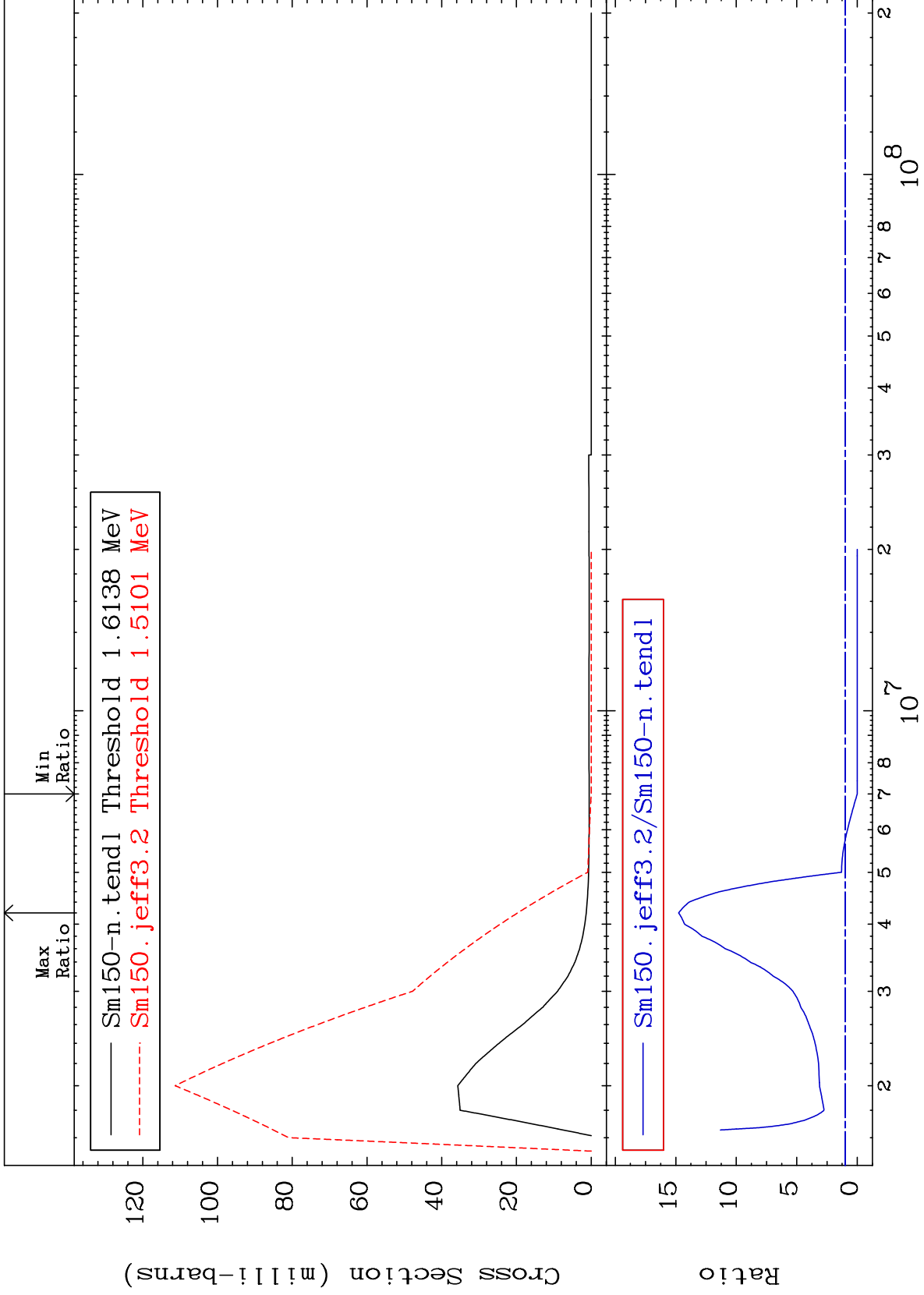
62-Sm-150



MAT 6243

1.603 MeV (n,n') Level  
Cross Section

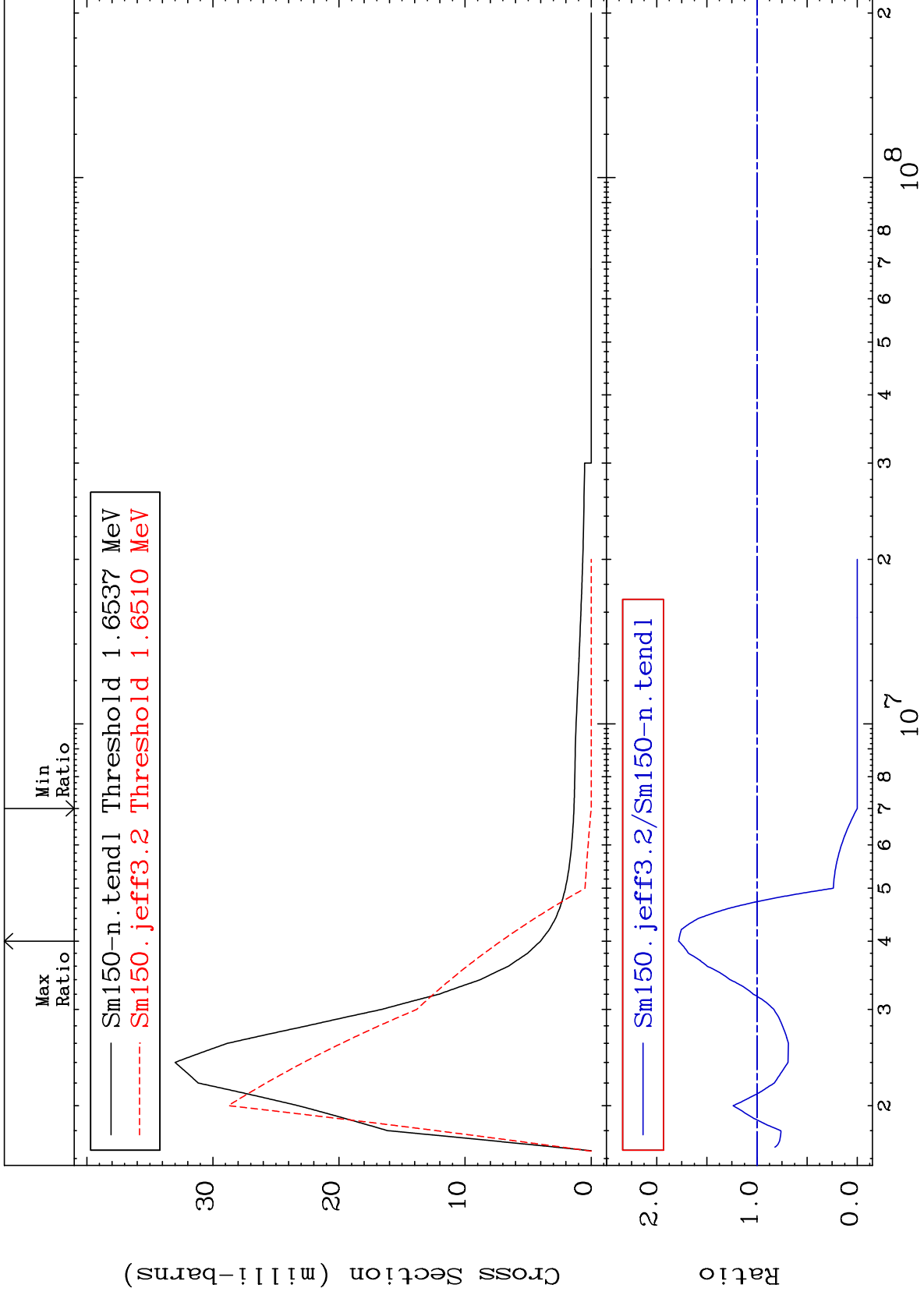
62-Sm-150  
-100.0 To 1377. %



MAT 6243

1.643 MeV (n,n') Level  
Cross Section

62-Sm-150  
-100.0 To 78.12 %



18

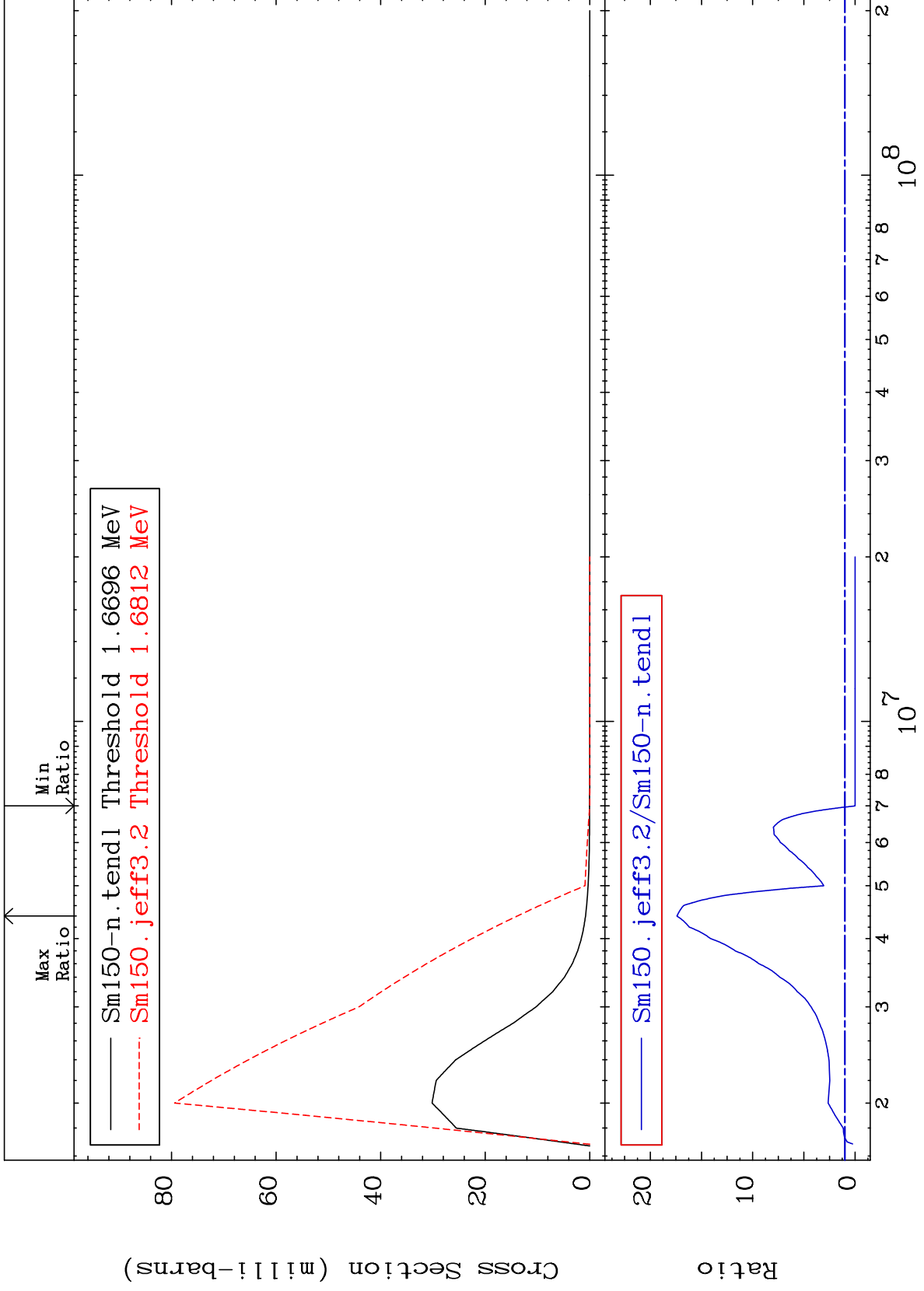
Incident Energy (eV)

62-Sm-150

MAT 6243

1.658 MeV (n,n') Level  
Cross Section

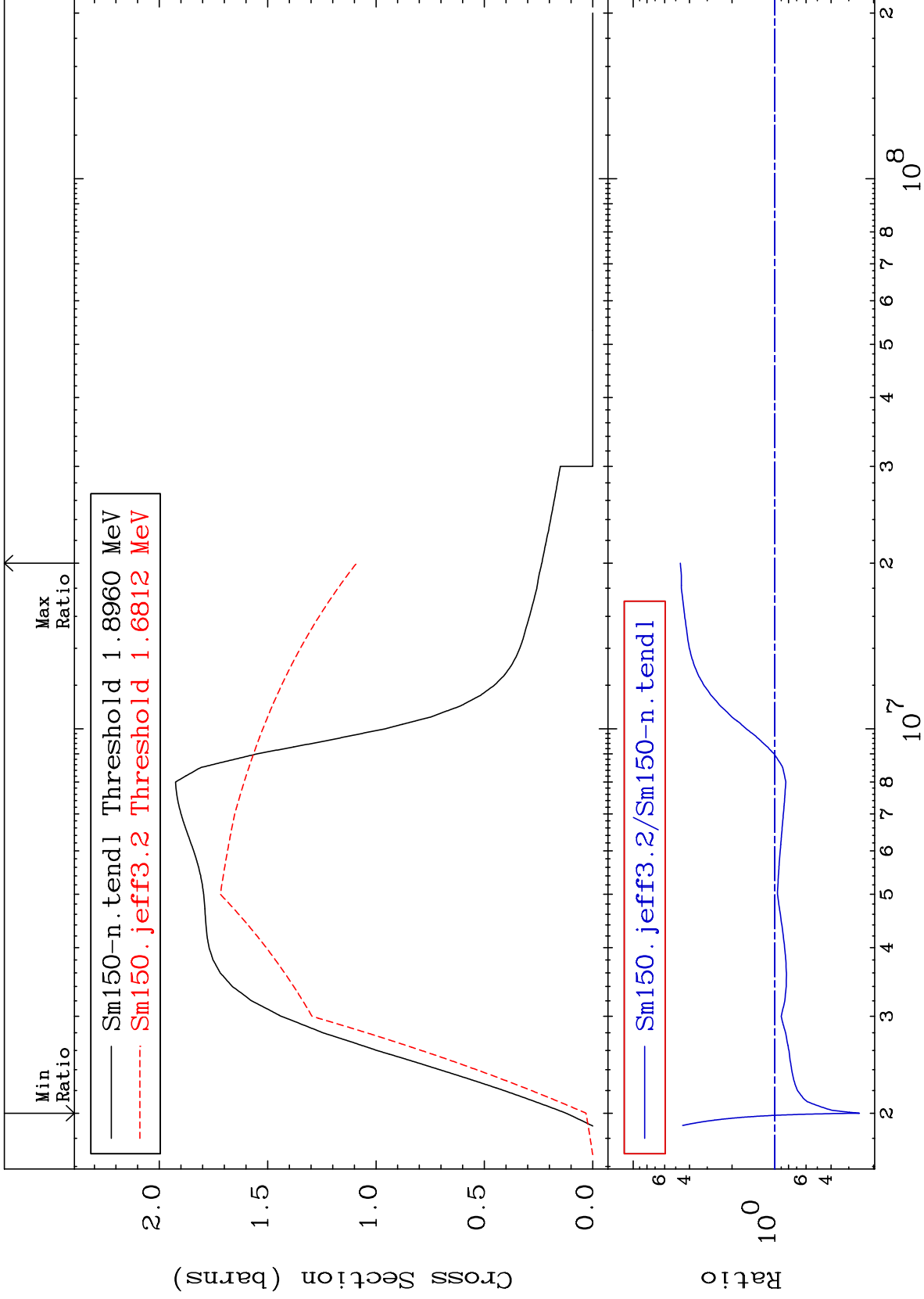
62-Sm-150  
-100.0 To 1640. %



MAT 6243

(n, n') Continuum  
Cross Section

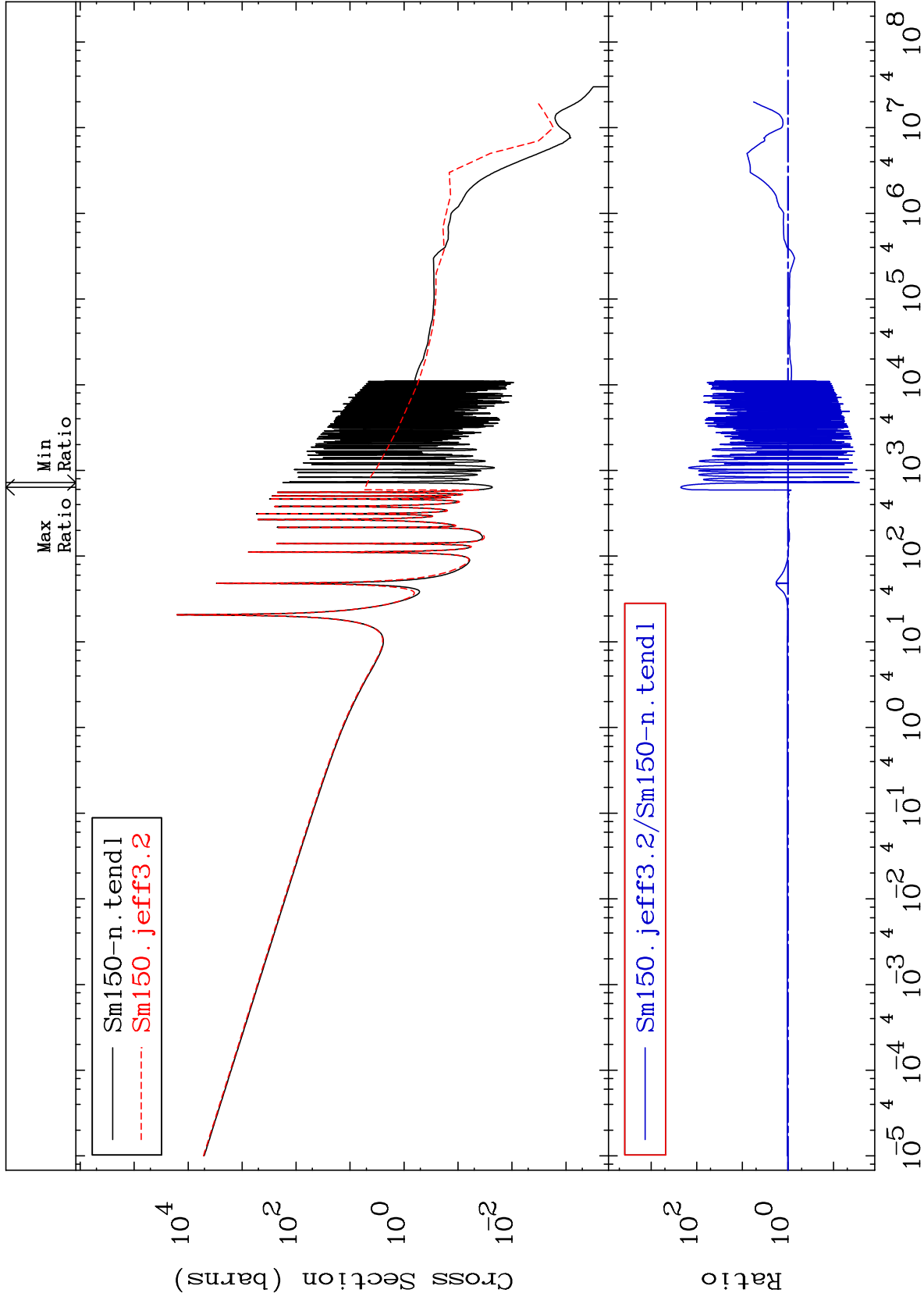
62-Sm-150  
-74.78 To 364.2 %



MAT 6243

62-Sm-150

(n,  $\gamma$ )  
Cross Section  
-97.31 To 9999. %



21

62-Sm-150

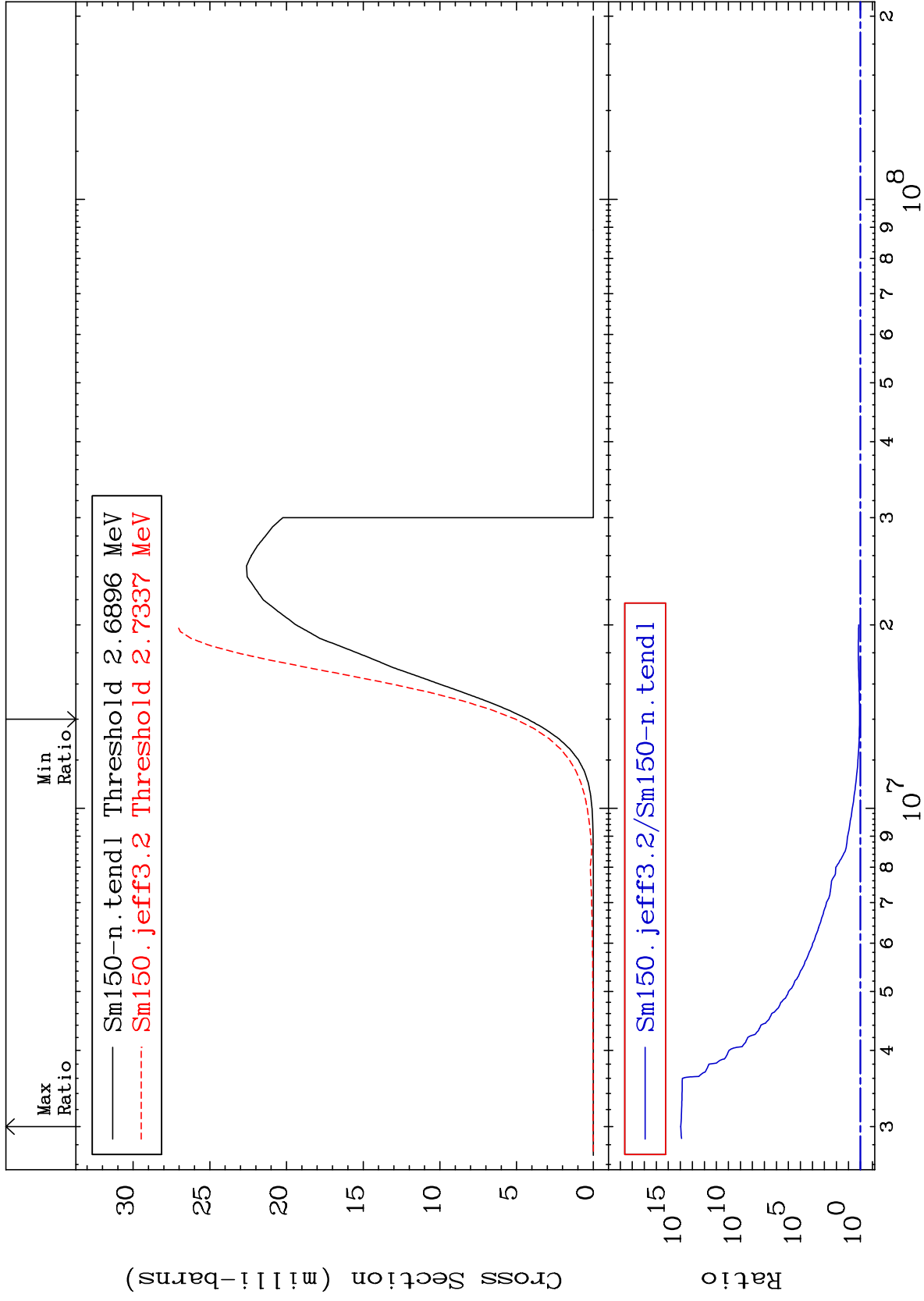
MAT 6243

(n,p)

62-Sm-150

Cross Section

18.74 To 9999. %



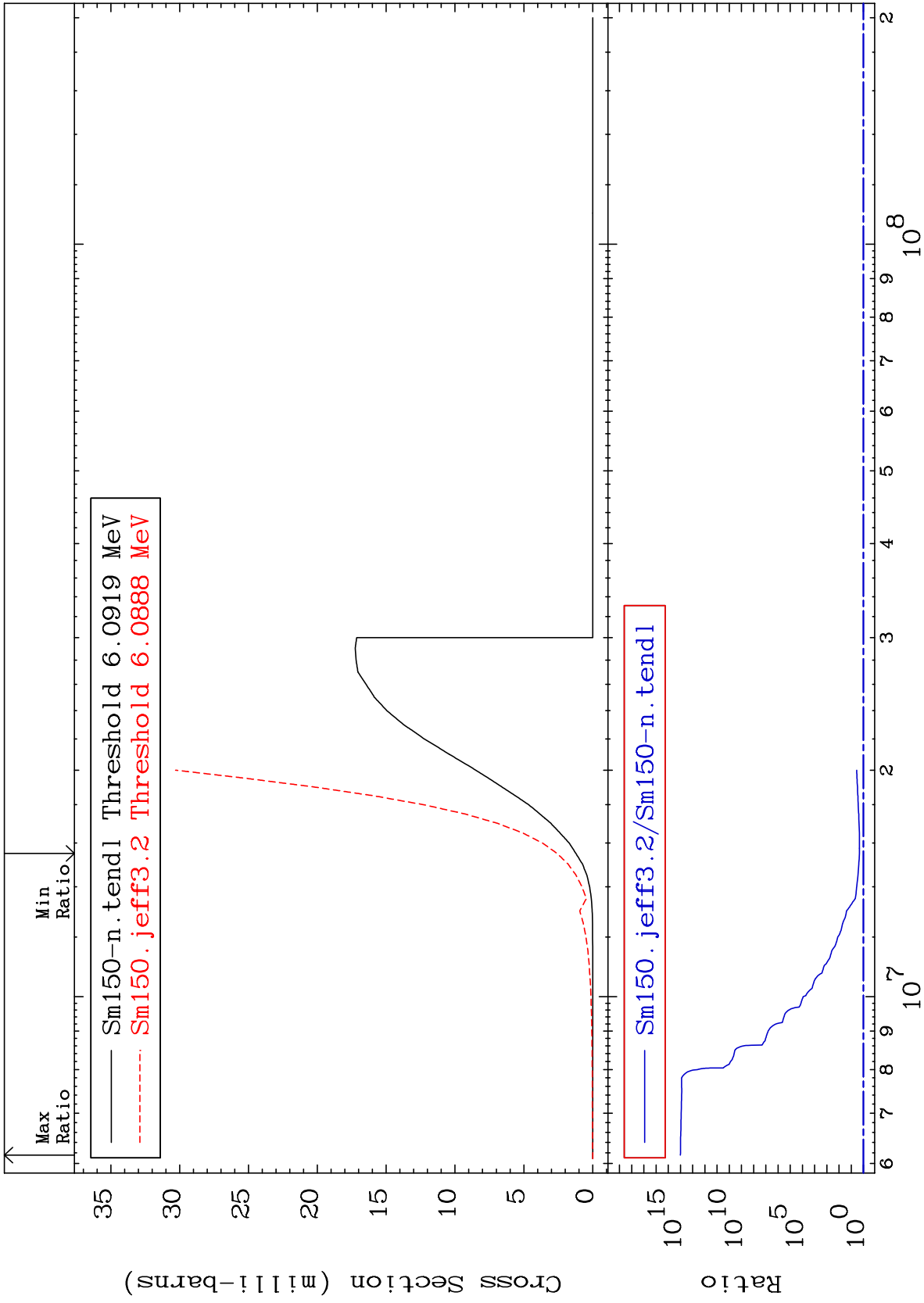
MAT 6243

(n, d)

62-Sm-150

Cross Section

111.3 To 9999. %



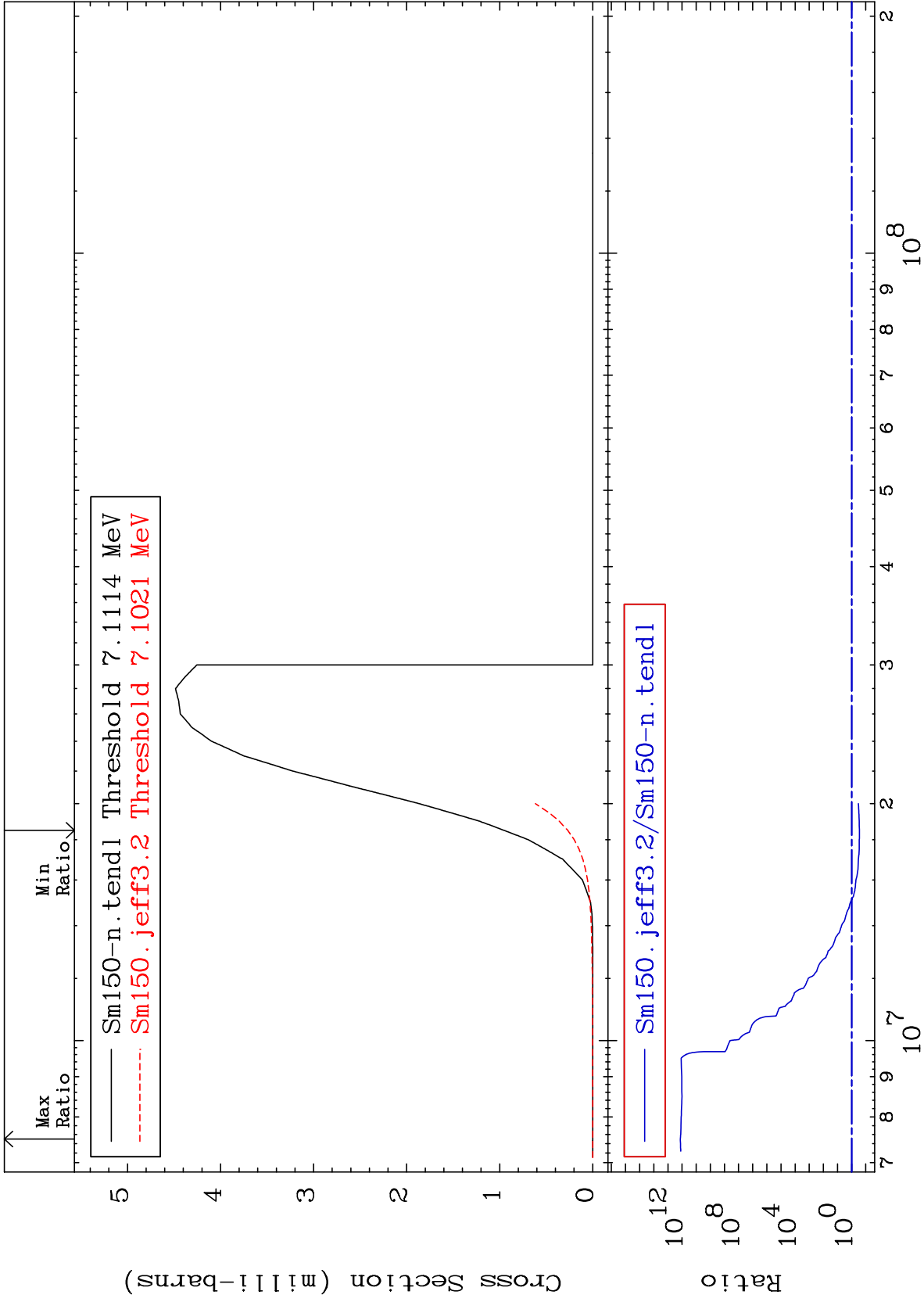
MAT 6243

(n, t)

62-Sm-150

Cross Section

-71.87 To 9999. %





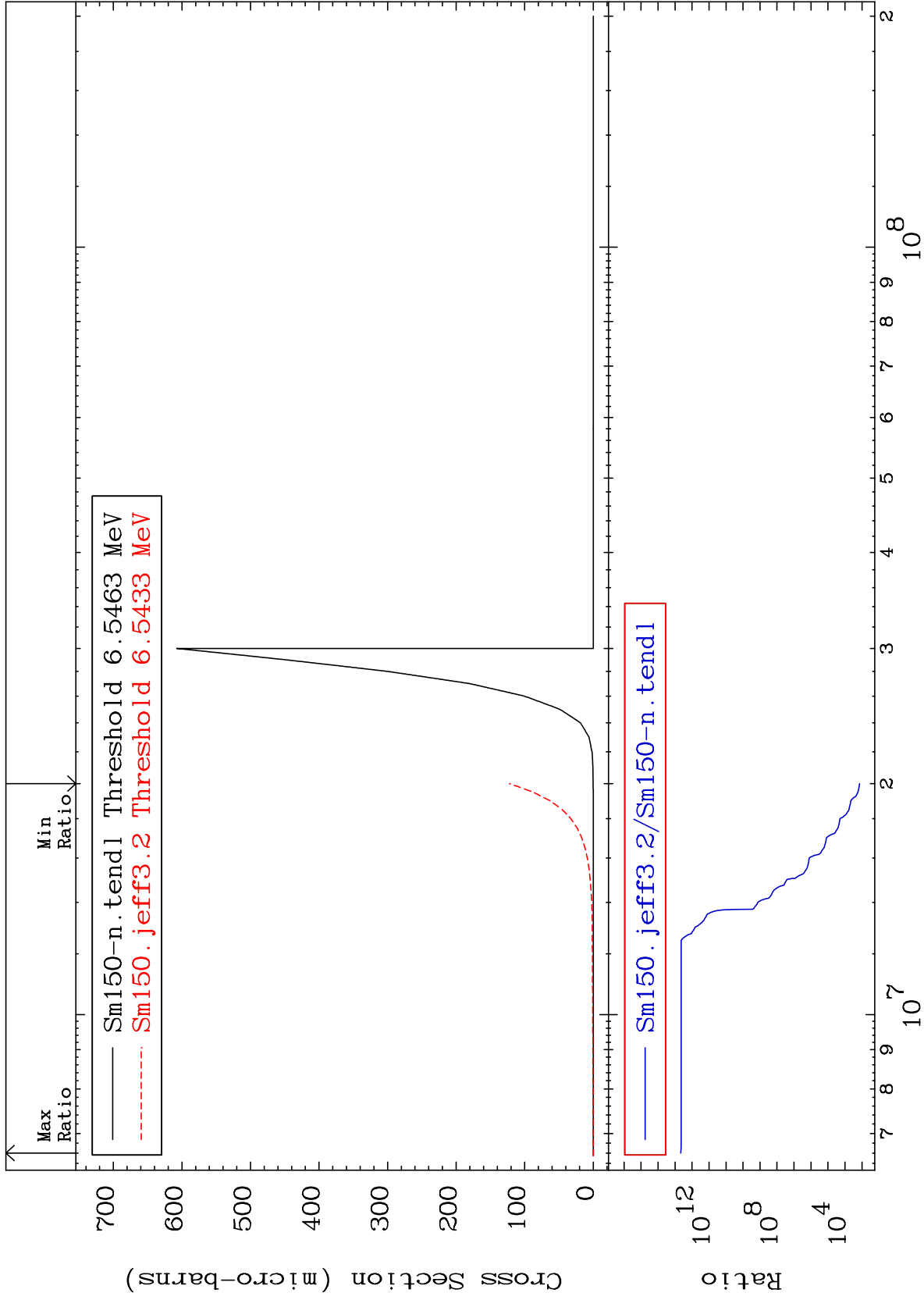
MAT 6243

(n, He-3)

62-Sm-150

Cross Section

9999. To 9999. %



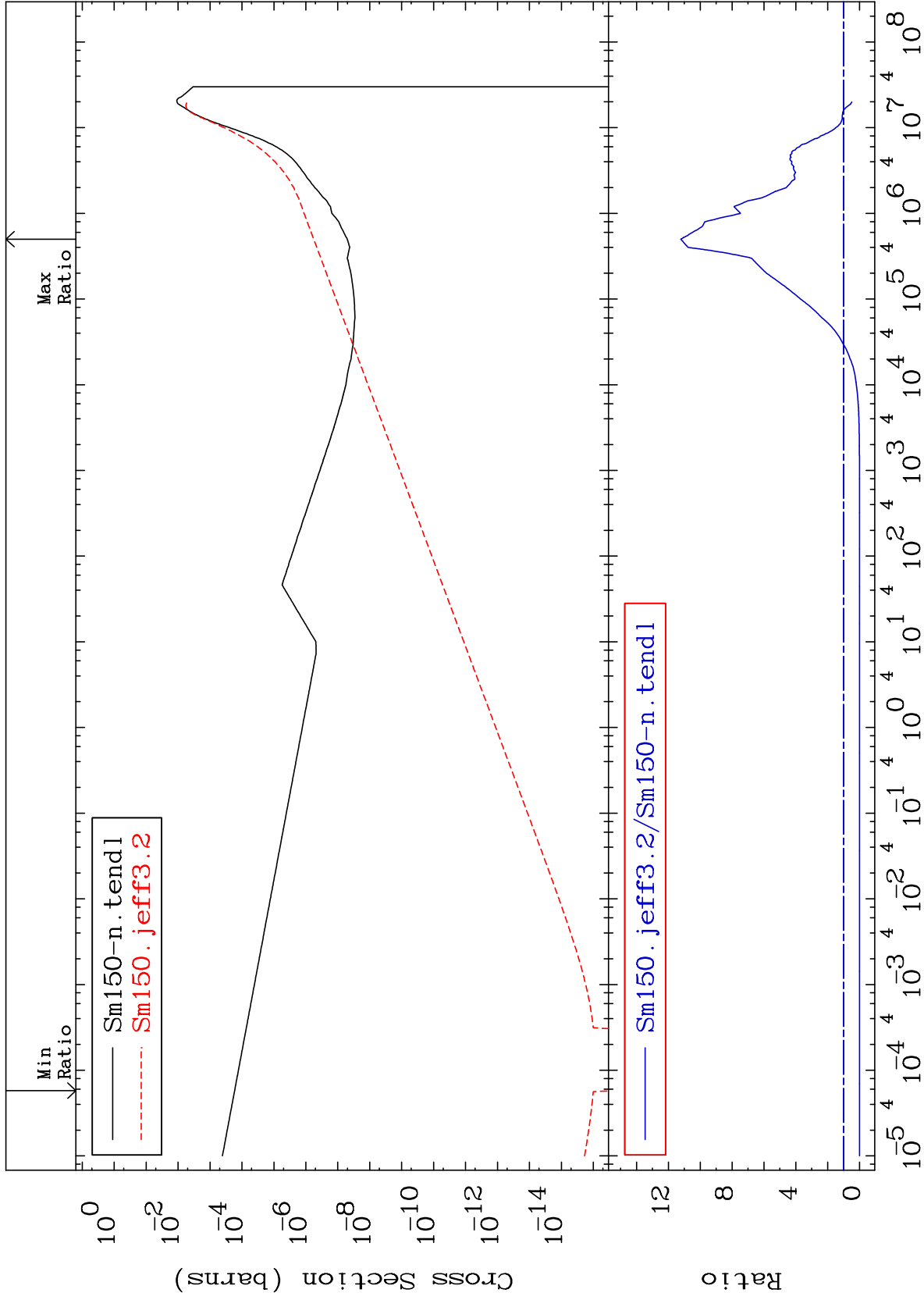
MAT 6243

(n,  $\alpha$ )

62-Sm-150

Cross Section

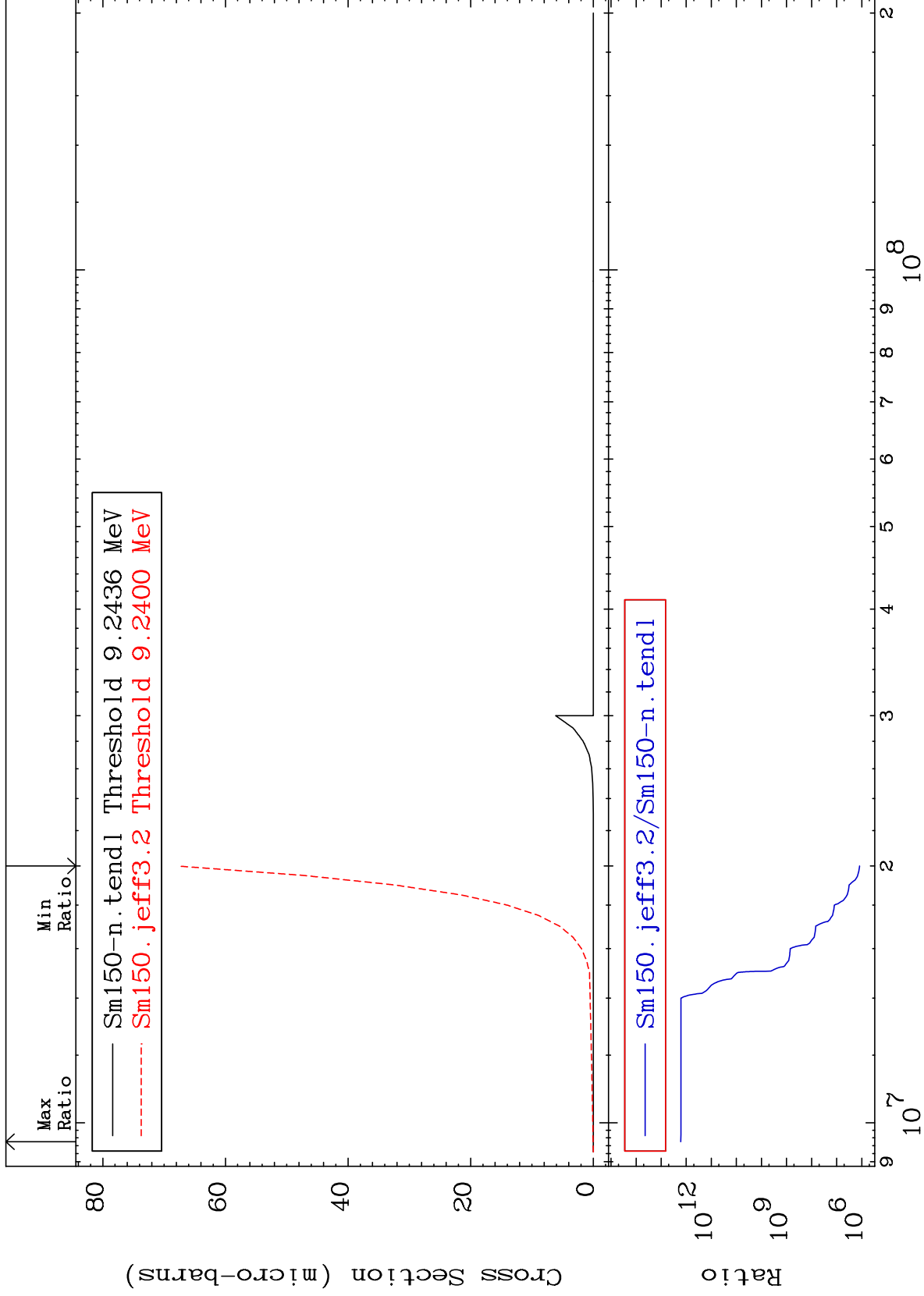
-100.0 To 1022. %



MAT 6243

(n,2p)  
Cross Section

62-Sm-150  
To 9999. %



27

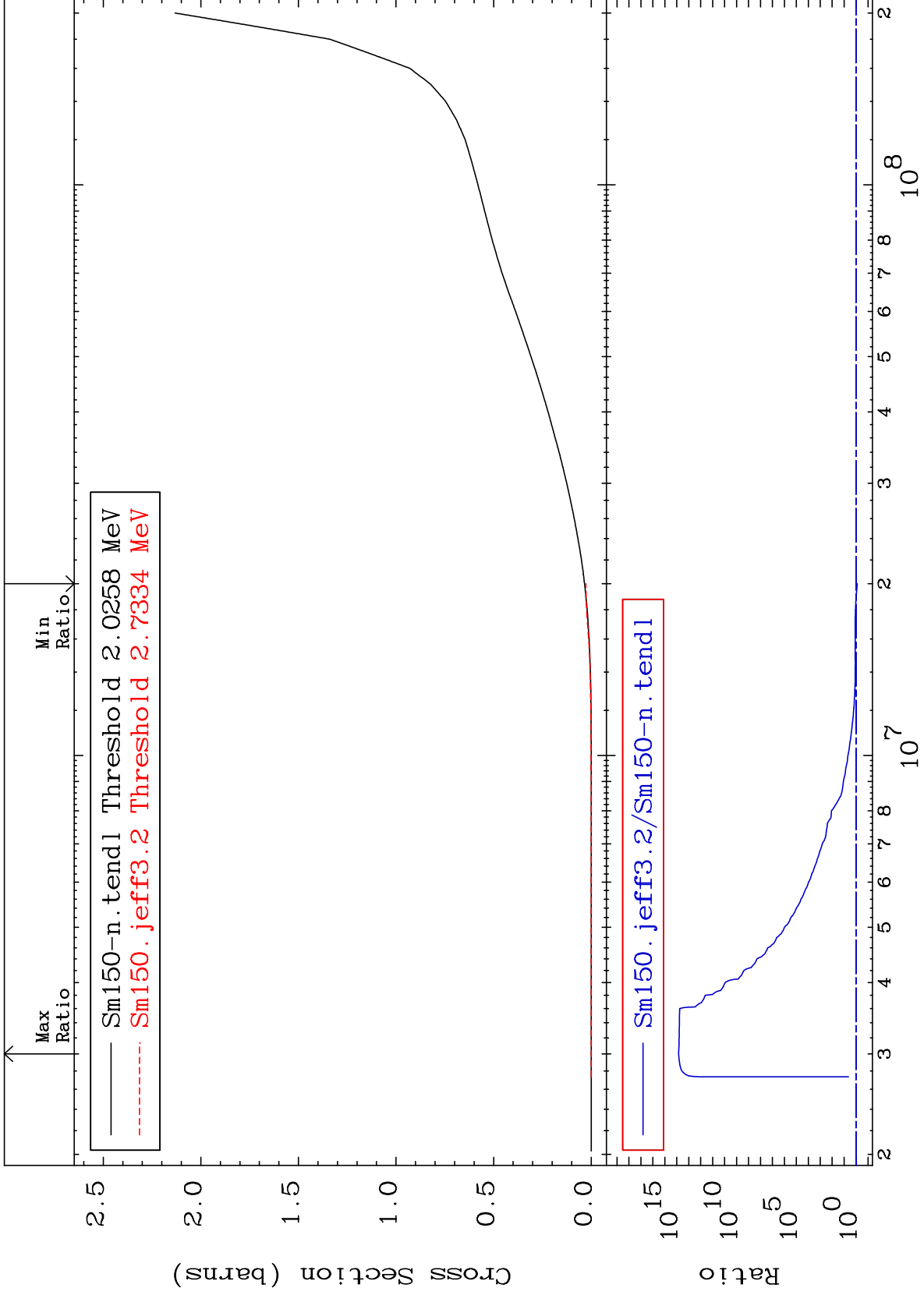
Incident Energy (eV)

62-Sm-150

MAT 6243

Hydrogen Production  
Cross Section

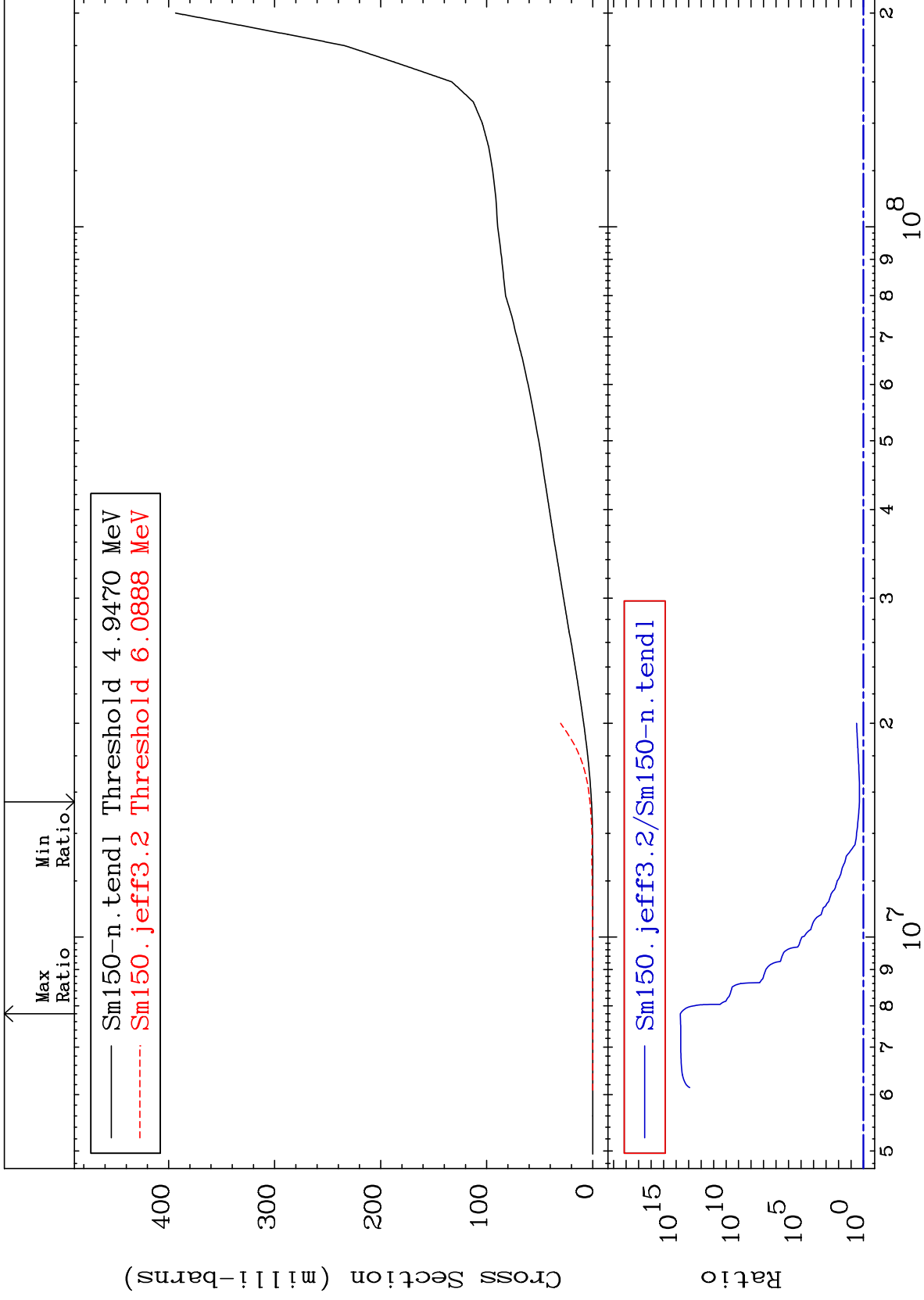
62-Sm-150  
-20.13 To 9999. %



MAT 6243

Deuterium Production  
Cross Section

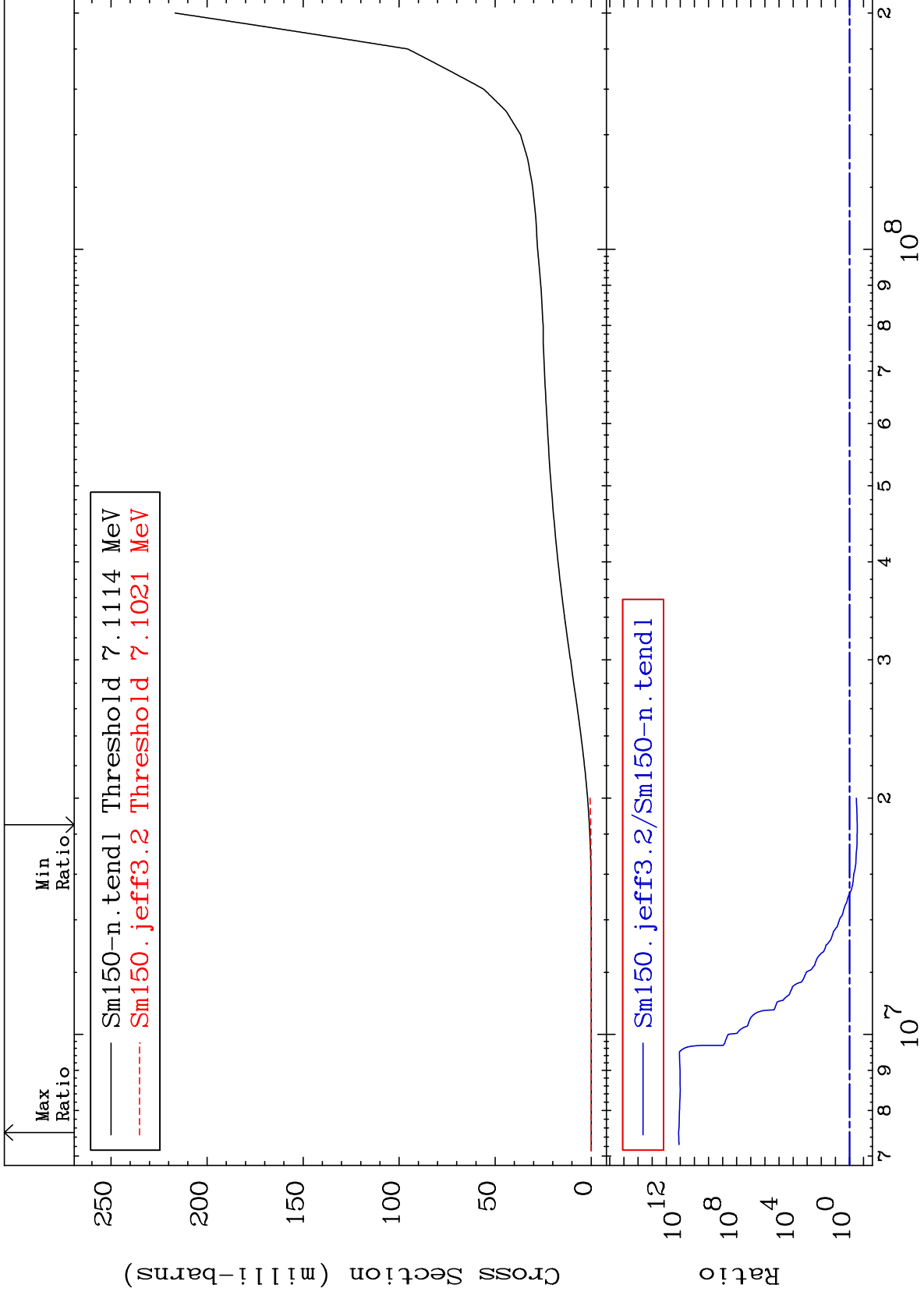
62-Sm-150  
111.3 To 9999. %



MAT 6243

Tritium Production  
Cross Section

62-Sm-150  
-71.89 To 9999. %



30

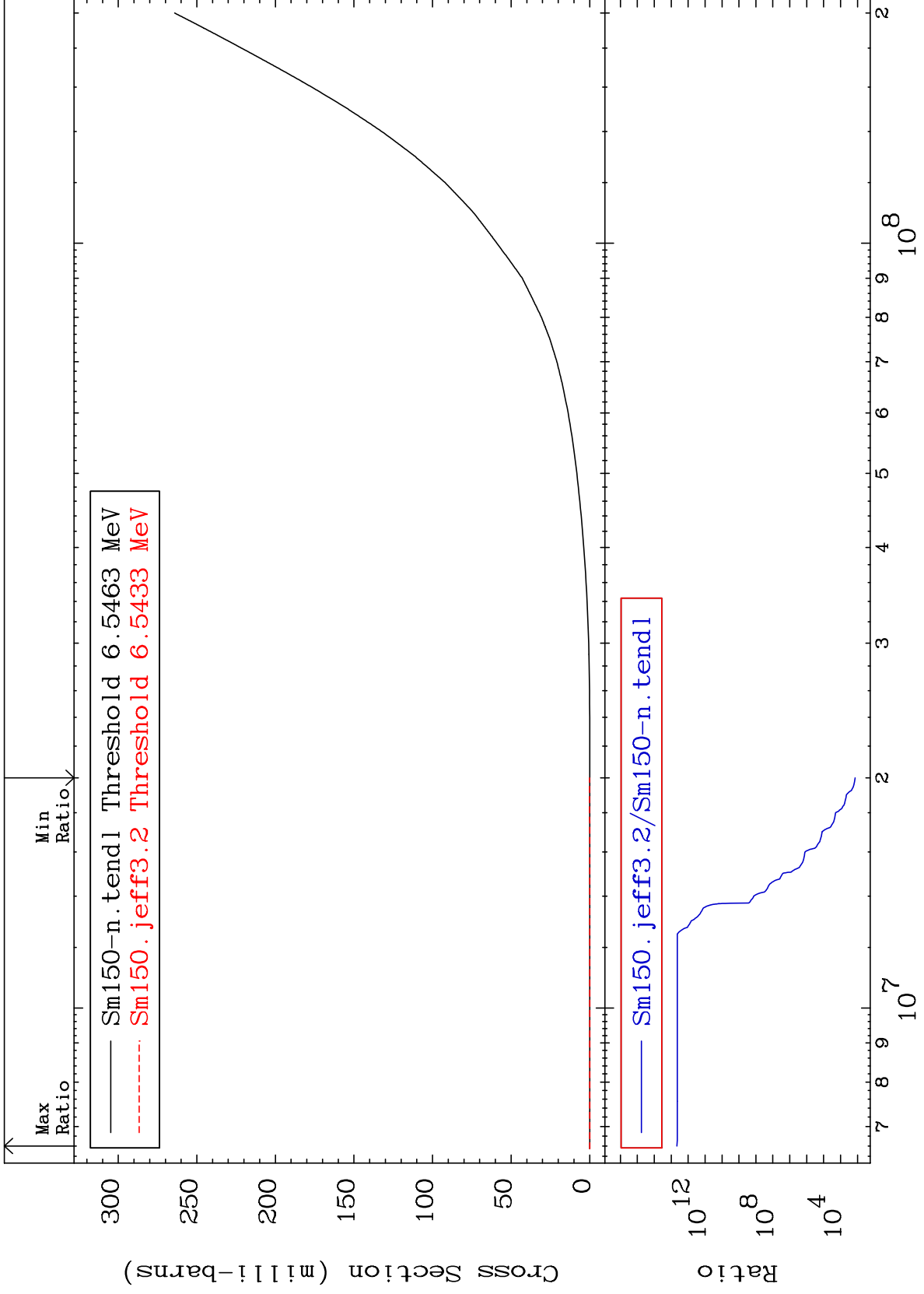
Incident Energy (eV)

62-Sm-150

MAT 6243

He-3 Production  
Cross Section

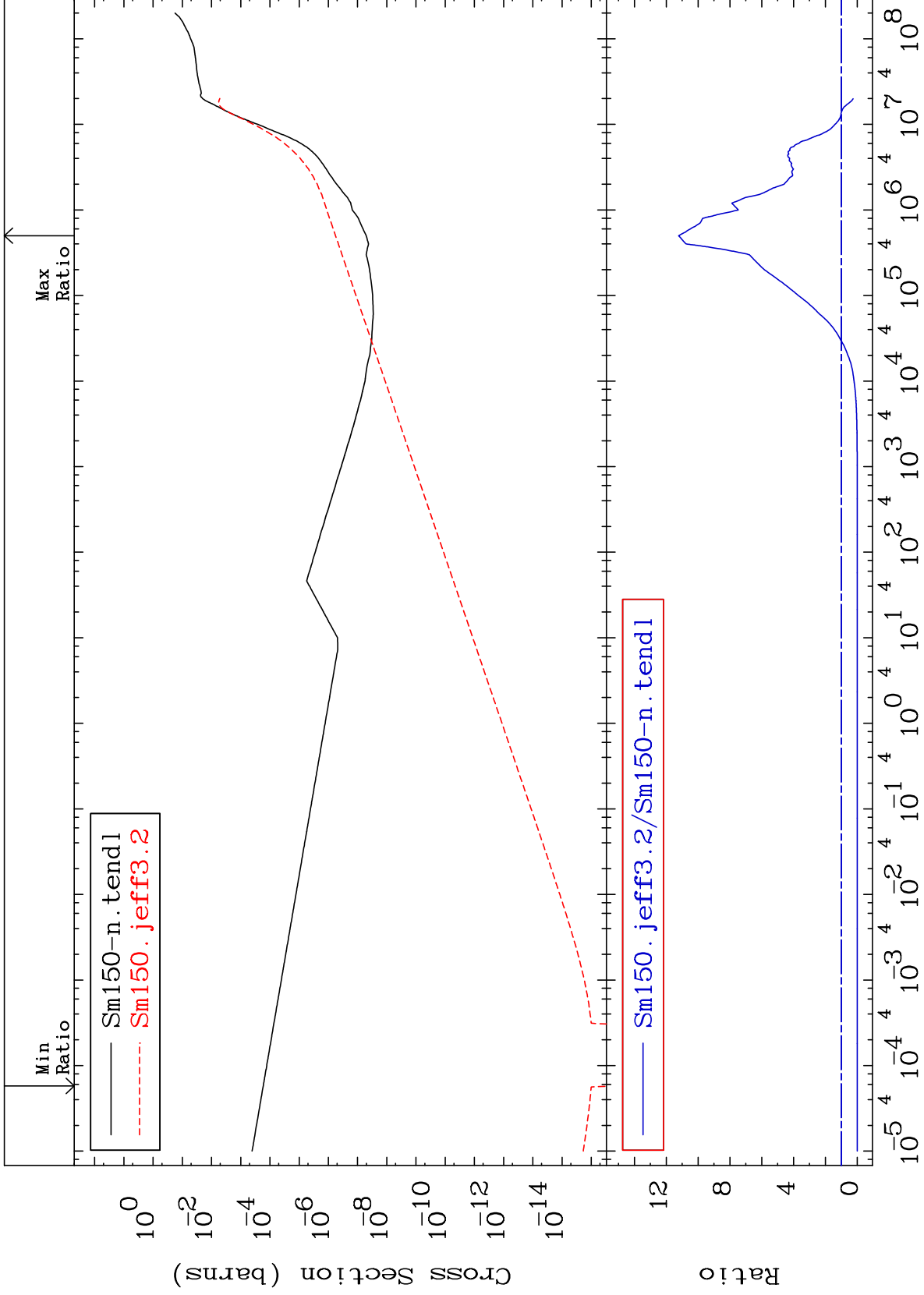
62-Sm-150  
To 9999. %



MAT 6243

He-4 Production  
Cross Section

62-Sm-150  
-100.0 To 1022. %



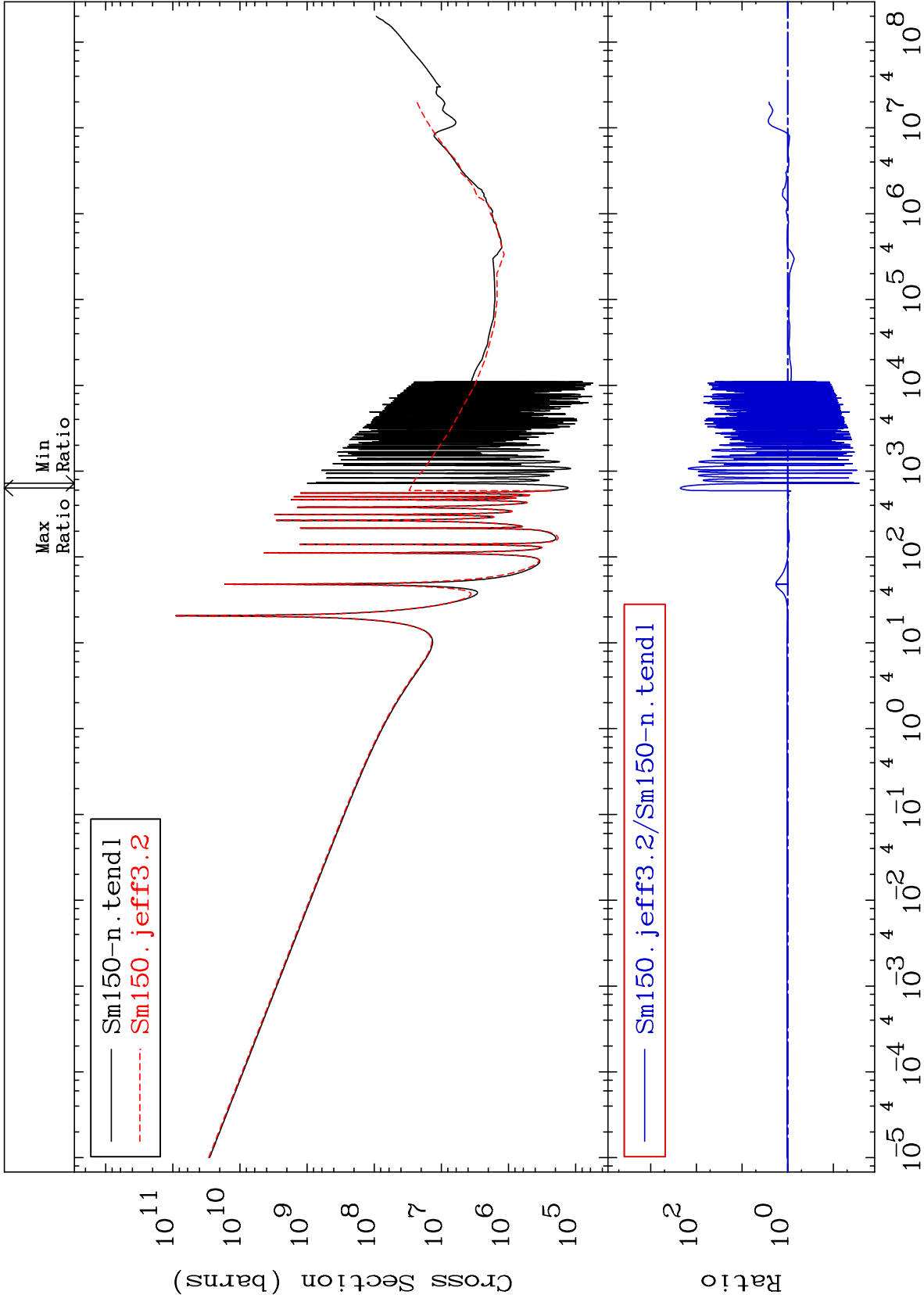
32

62-Sm-150



Cross Section

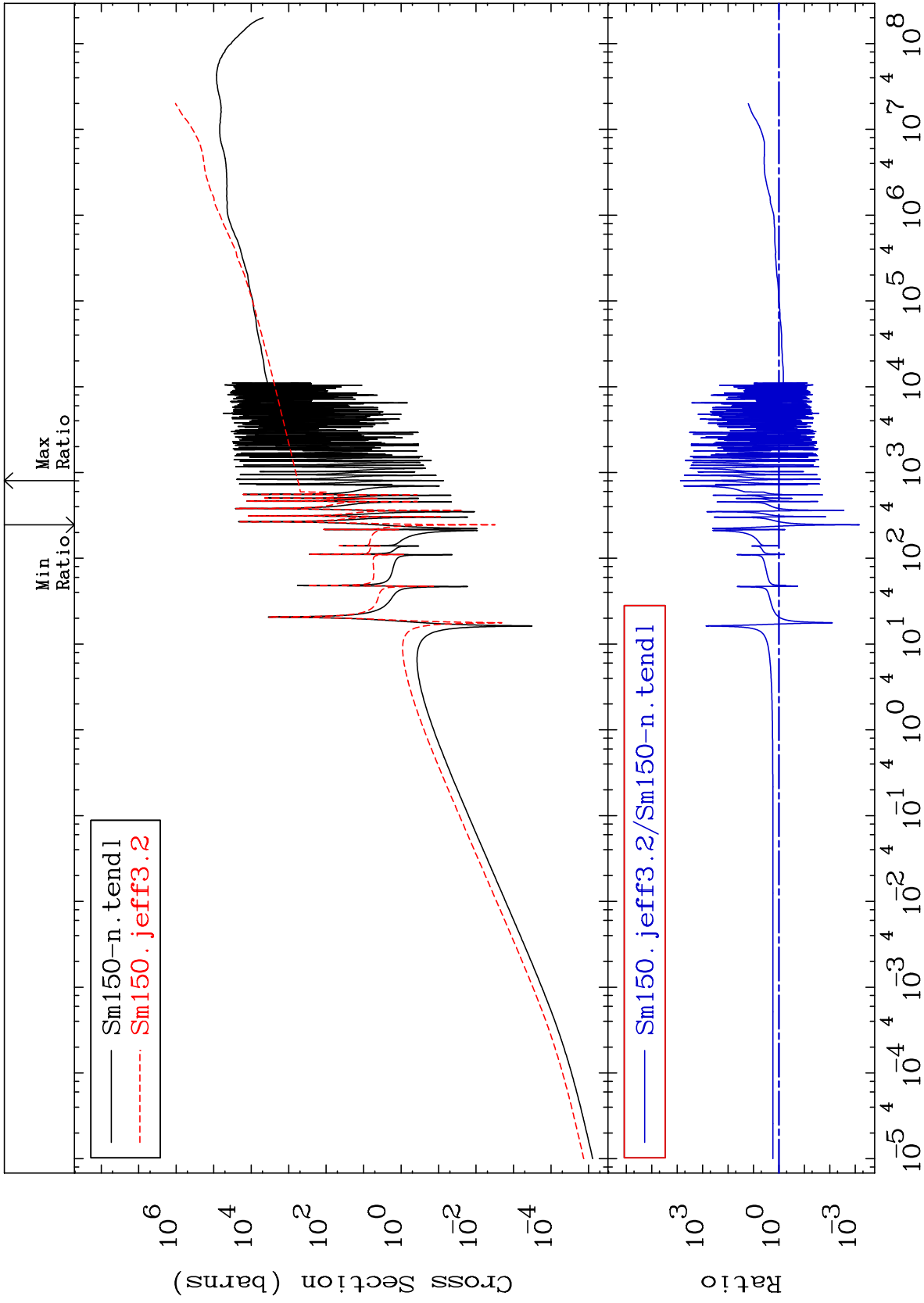
-97.31 To 9999. %

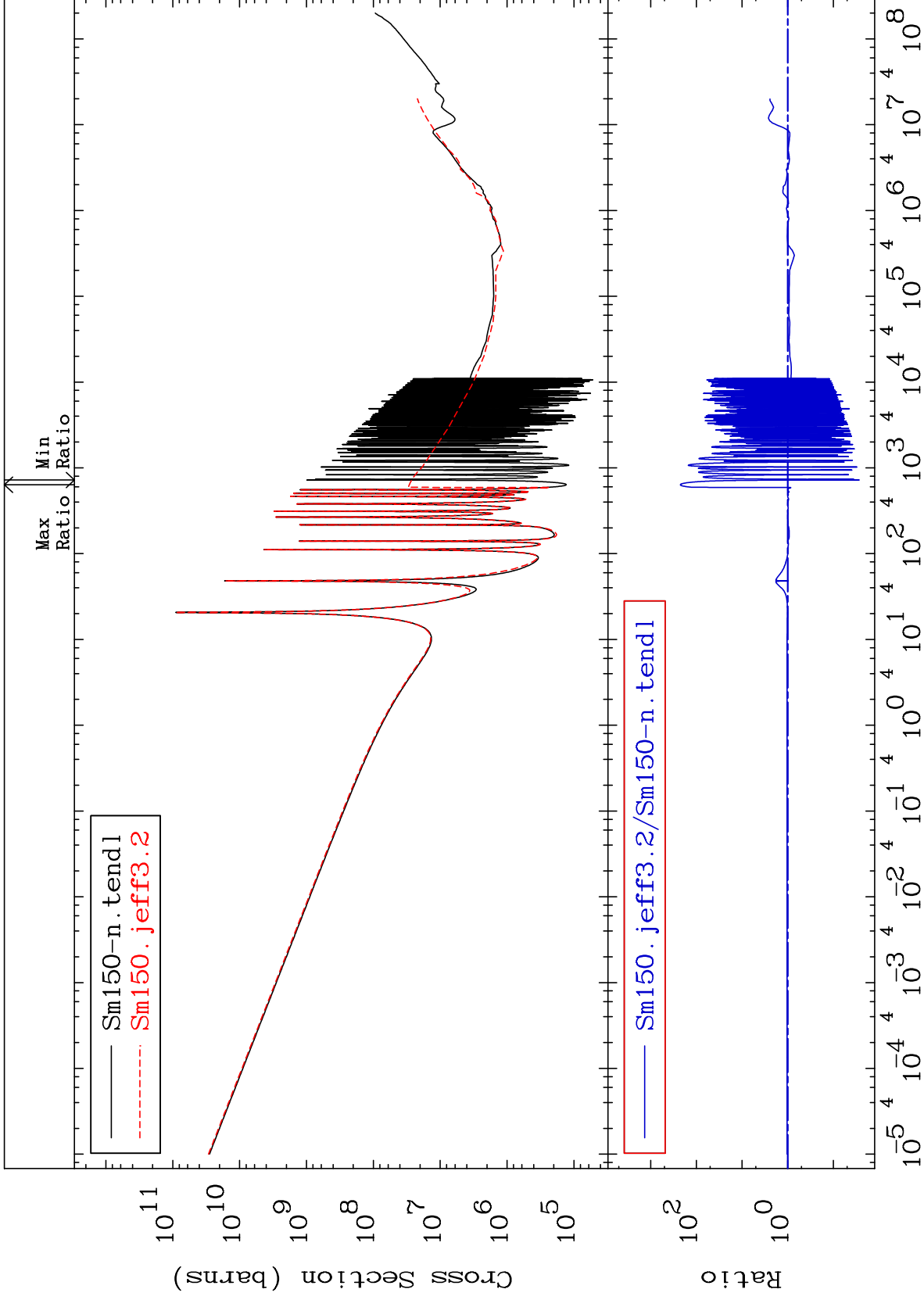


MAT 6243

Kerma elastic  
Cross Section

62-Sm-150  
-99.93 To 9999. %

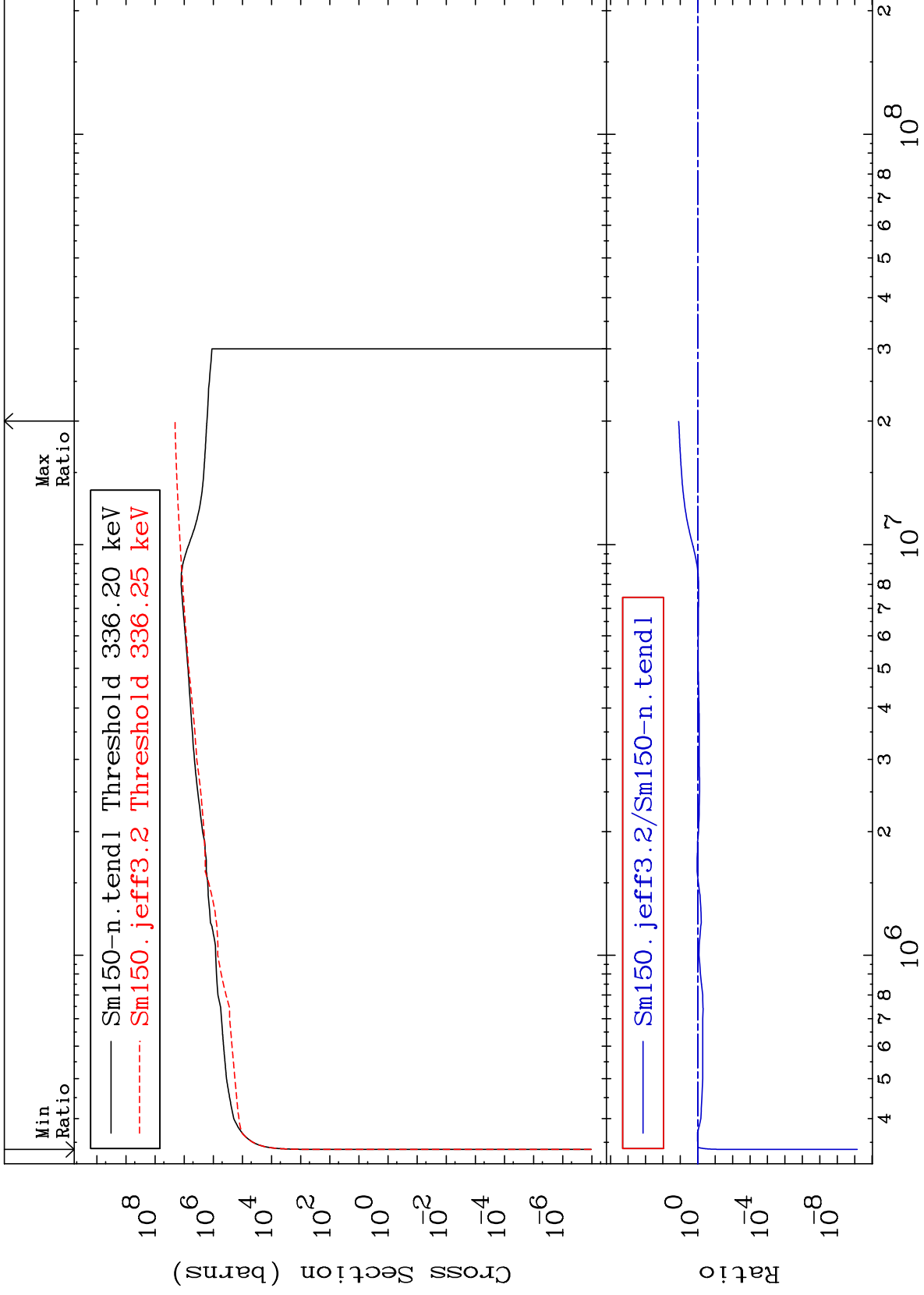




MAT 6243

Kerma inelastic (mt51-91)  
Cross Section

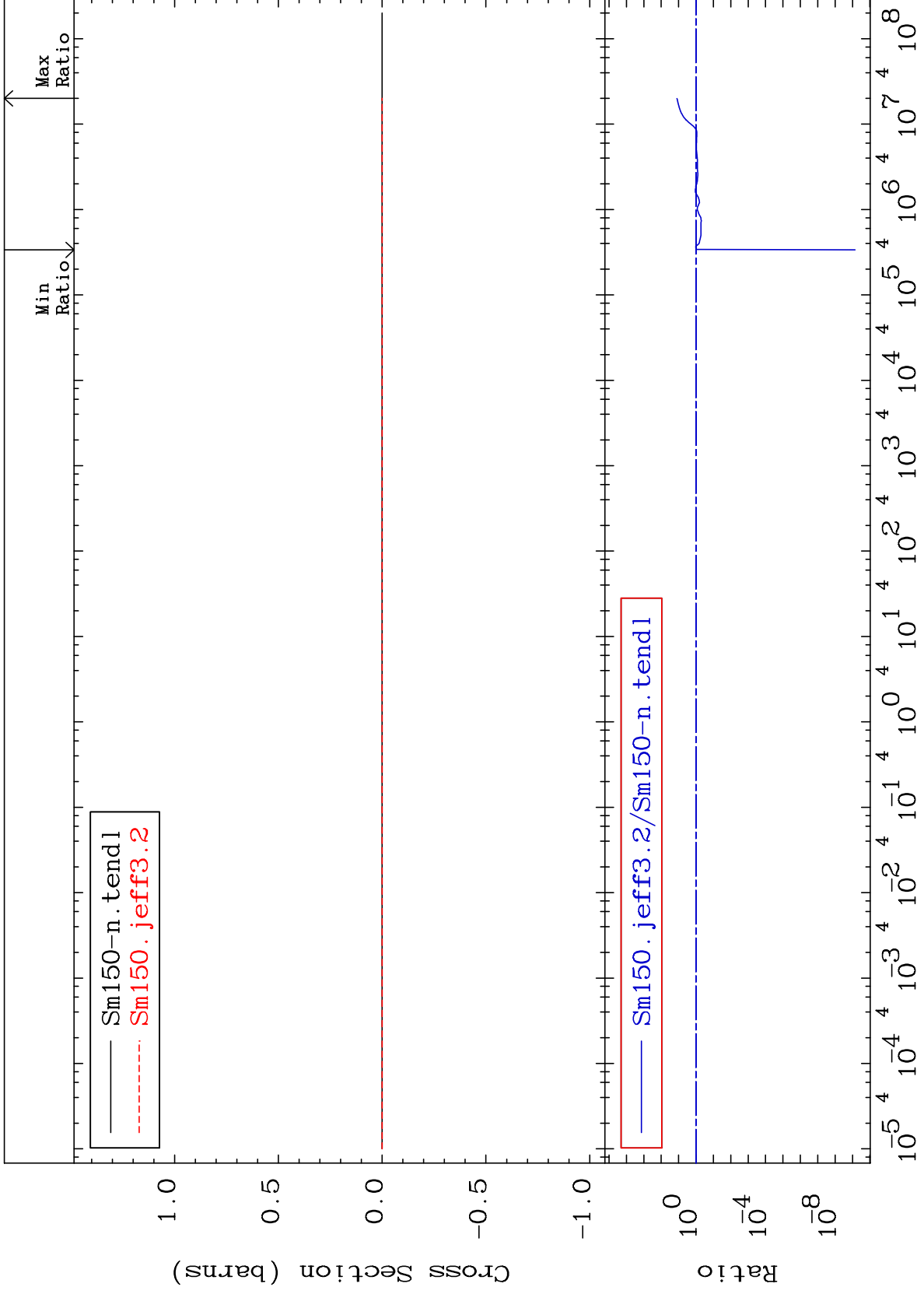
62-Sm-150  
-100.0 To 1148. %

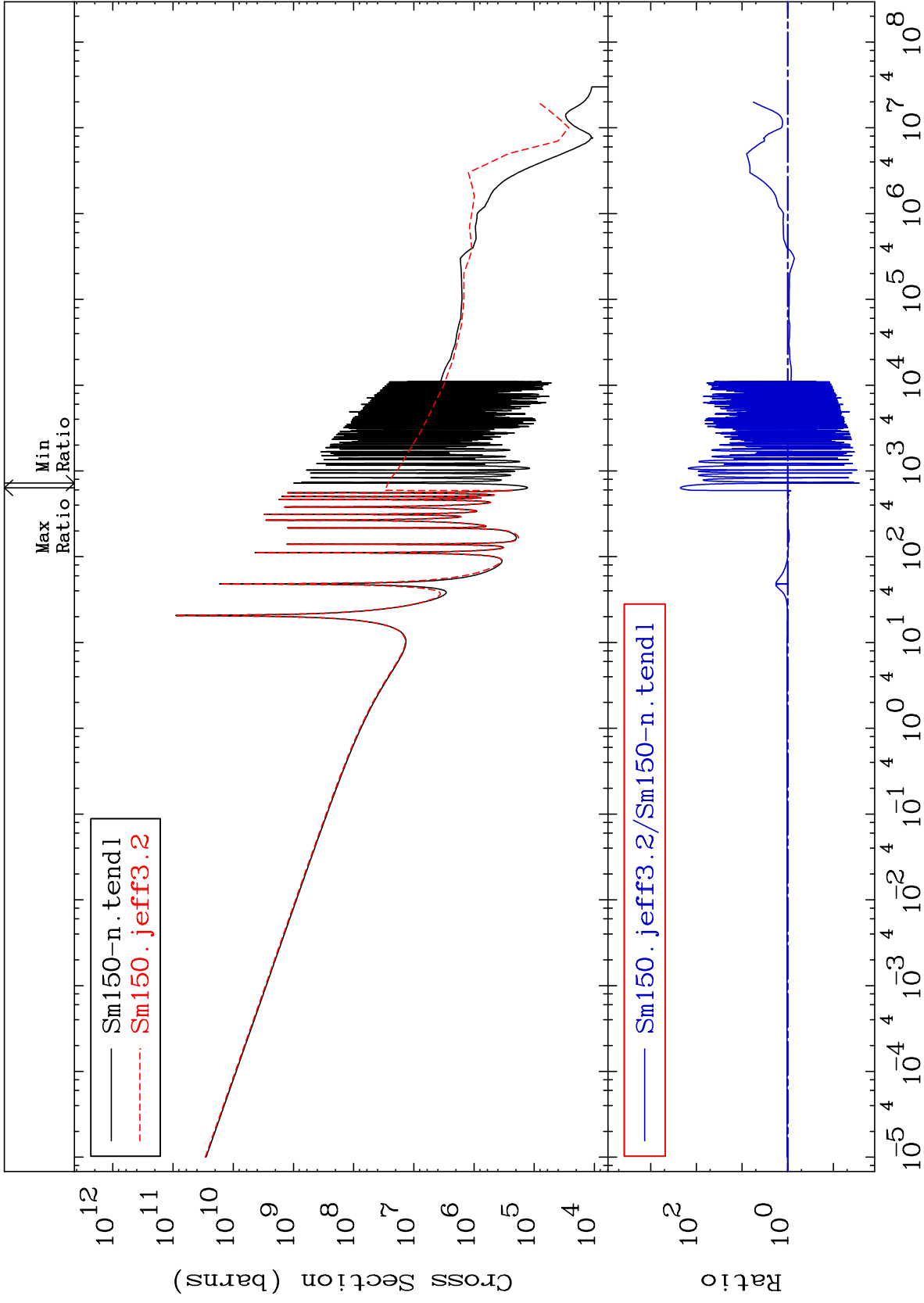


MAT 6243

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

62-Sm-150  
-100.0 To 1148. %

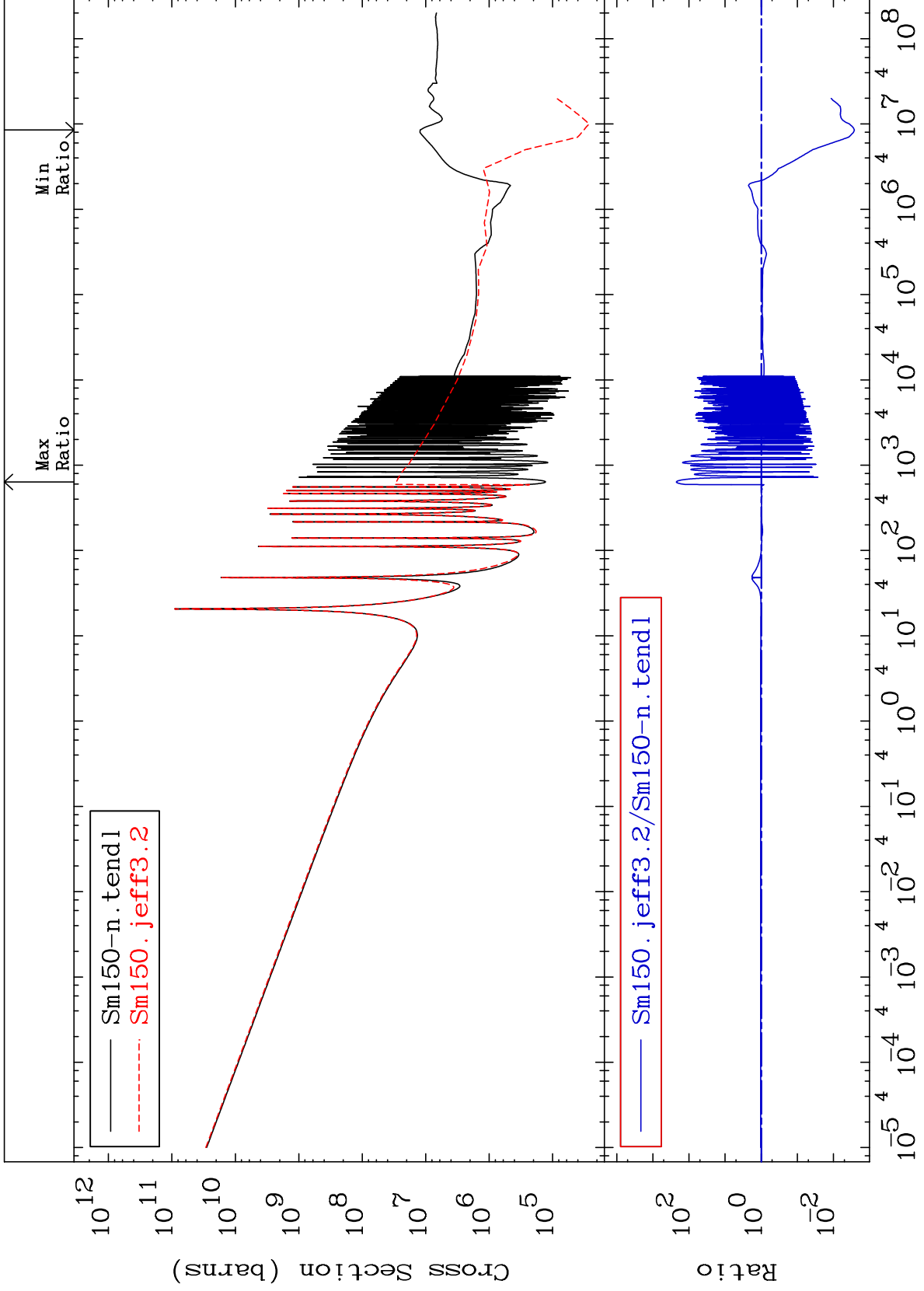




MAT 6243

Total photon (eV-barns)  
Cross Section

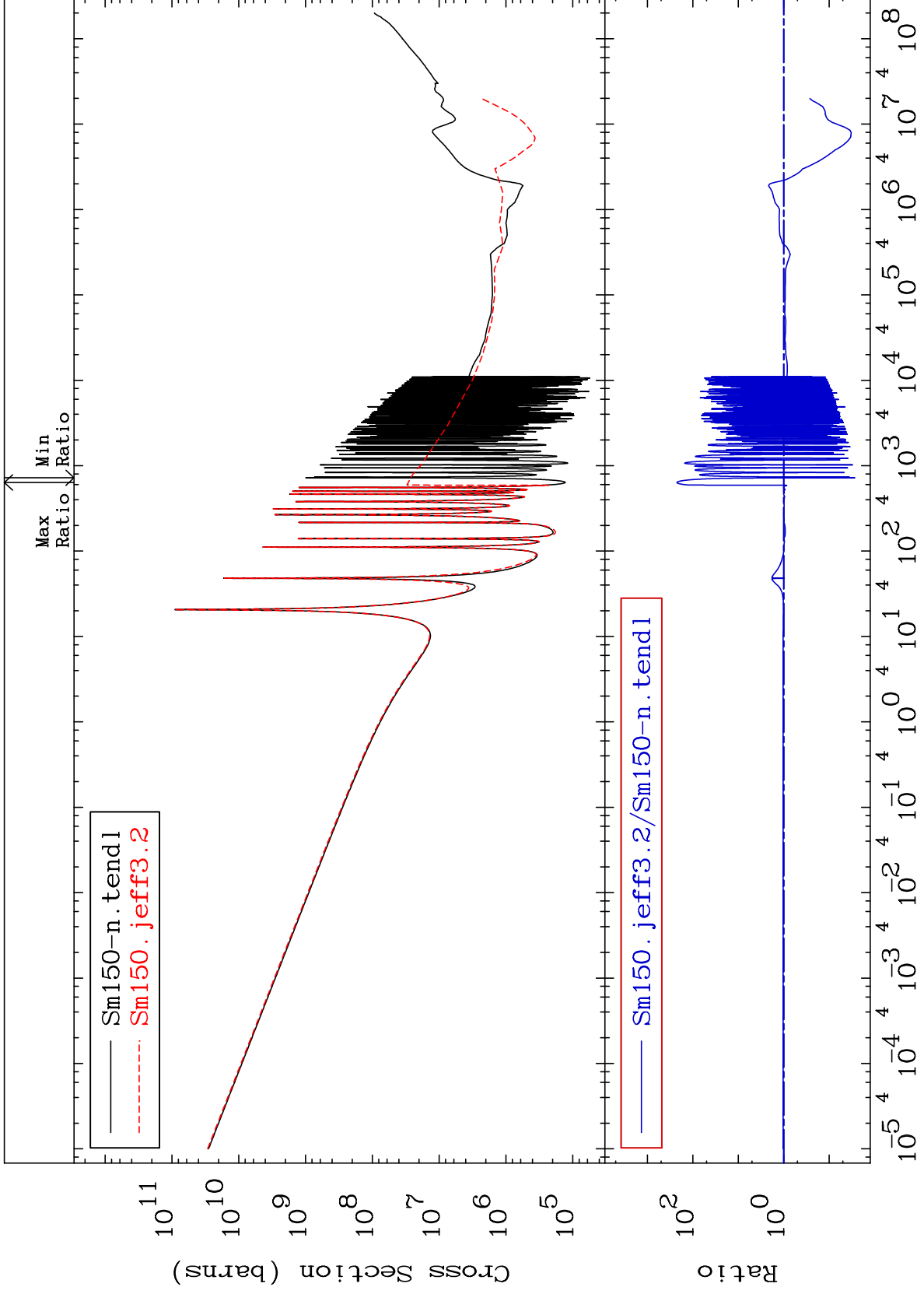
62-Sm-150  
-99.74 To 9999. %



MAT 6243

Total kinematic kerma (high limit)  
Cross Section

62-Sm-150  
-97.31 To 9999. %



40

Incident Energy (eV)

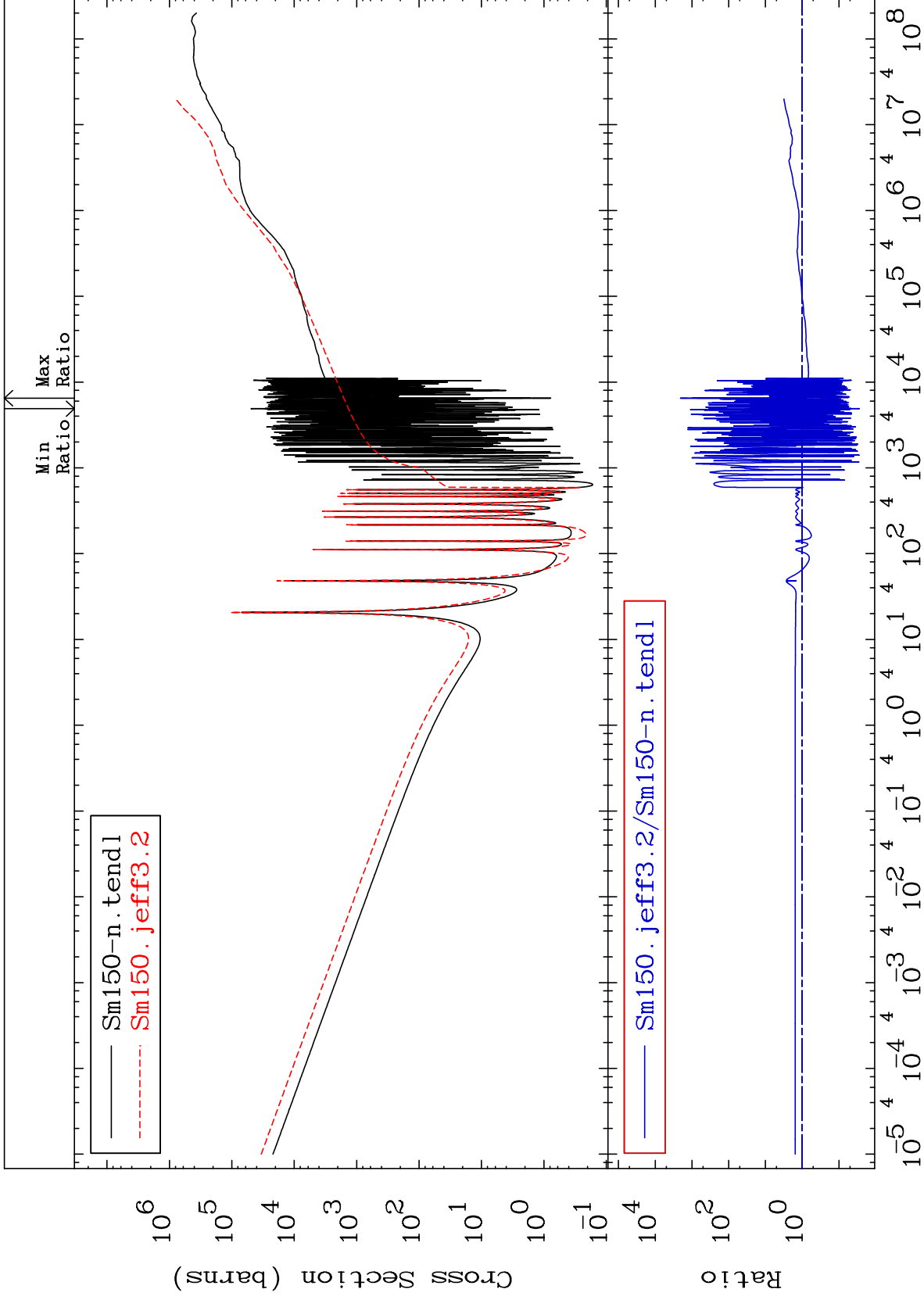
62-Sm-150



MAT 6243

Dpa total (eV-barns)  
Cross Section

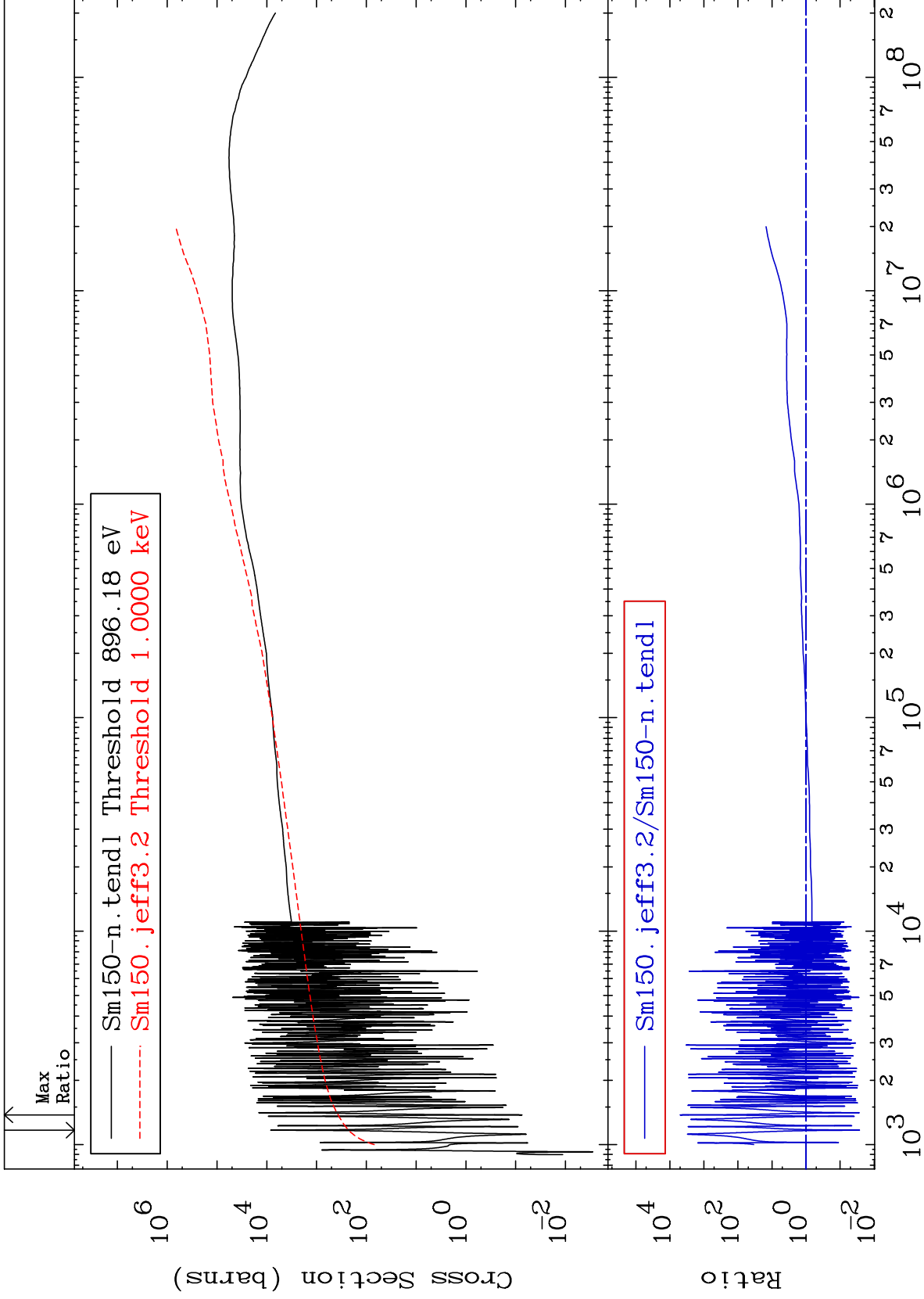
62-Sm-150  
-97.24 To 9999. %



MAT 6243

Dpa elastic (mt2)  
Cross Section

62-Sm-150  
-97.29 To 9999. %



42

Incident Energy (eV)

62-Sm-150

MAT 6243

Dpa inelastic (mt51-91)  
Cross Section

62-Sm-150  
-100.0 To 322.6 %

