

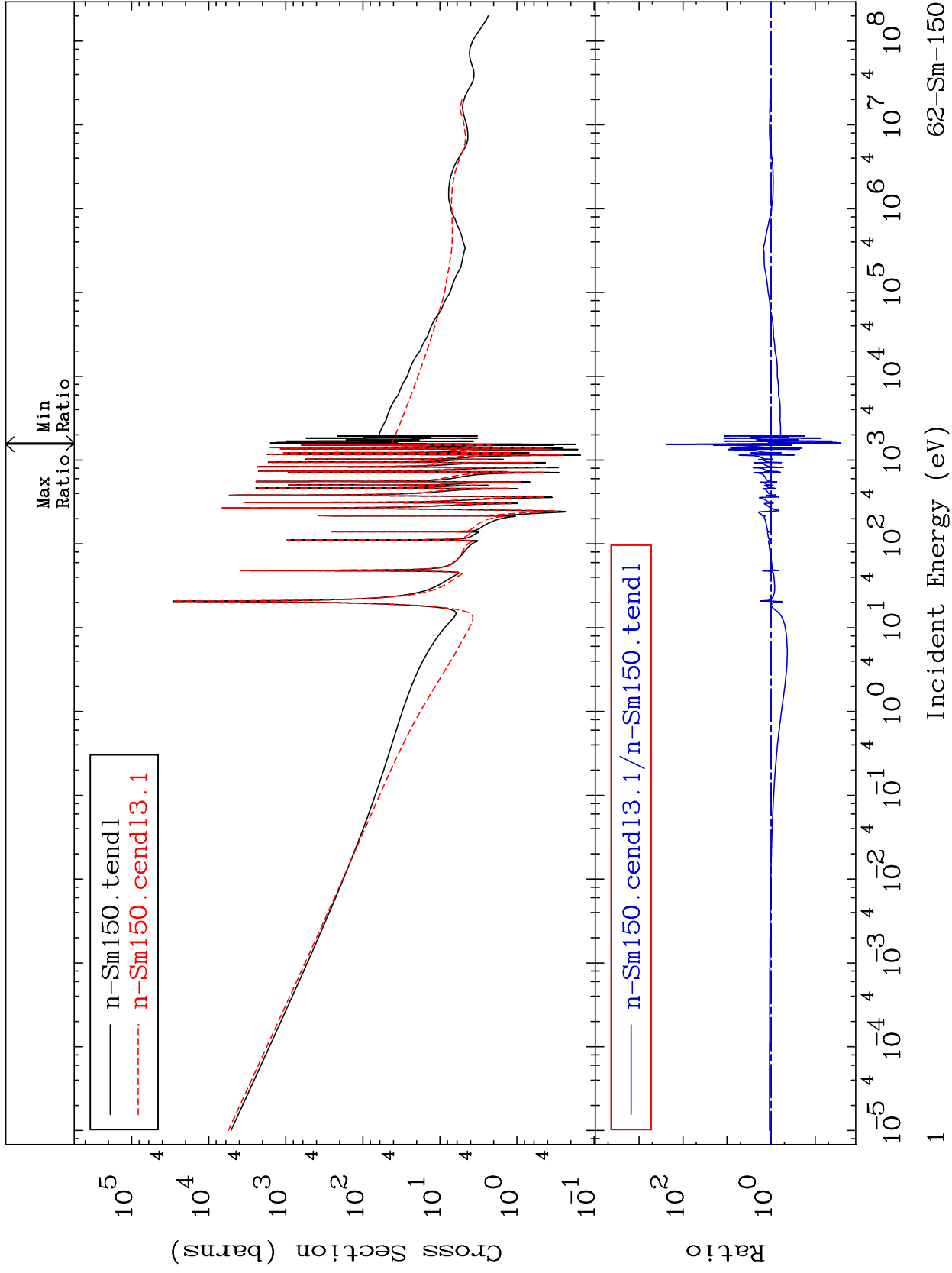
MAT 6243

Total

62-Sm-150

Cross Section

-97.38 To 9999. %



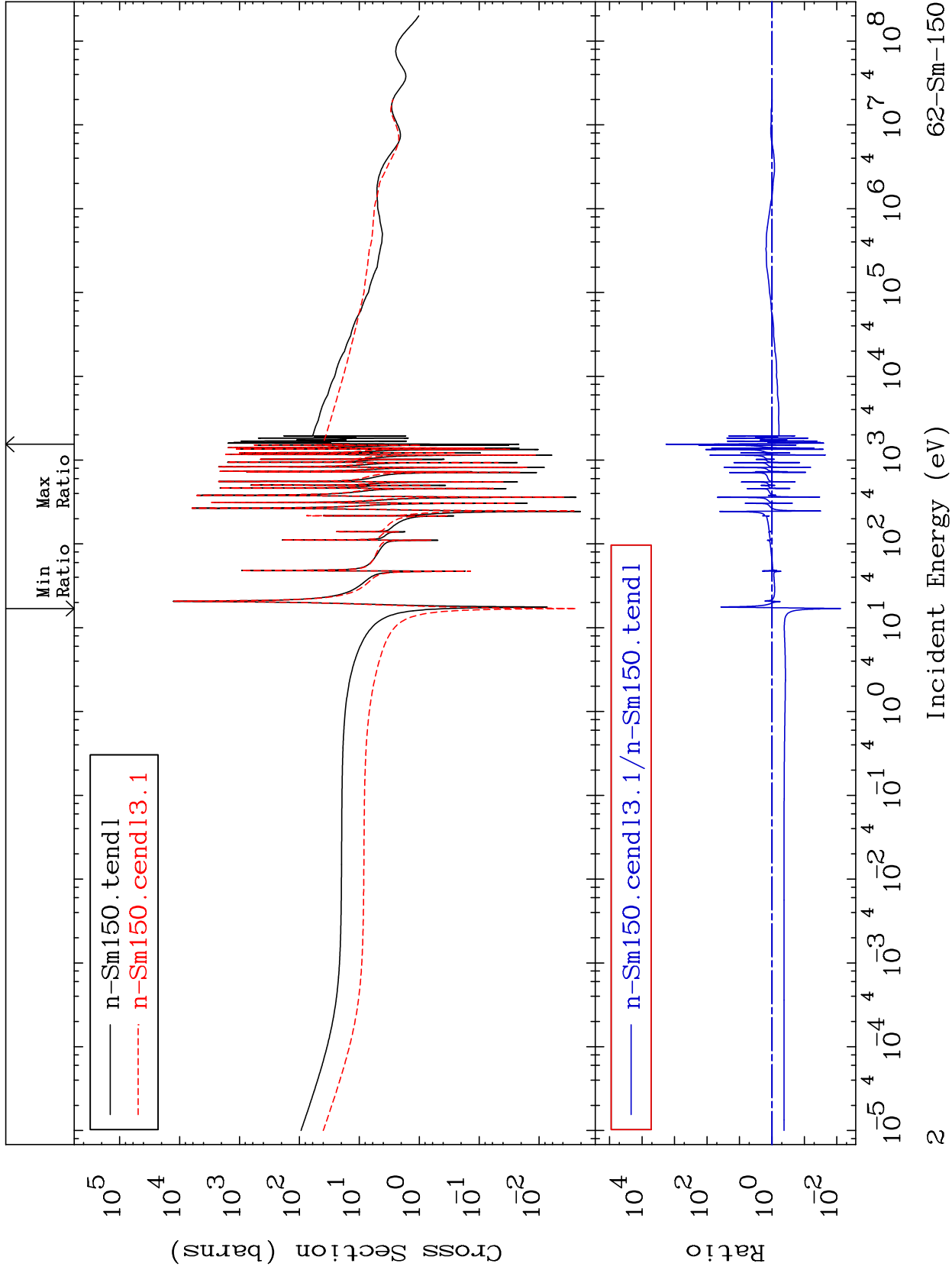
MAT 6243

Elastic

Cross Section

62-Sm-150

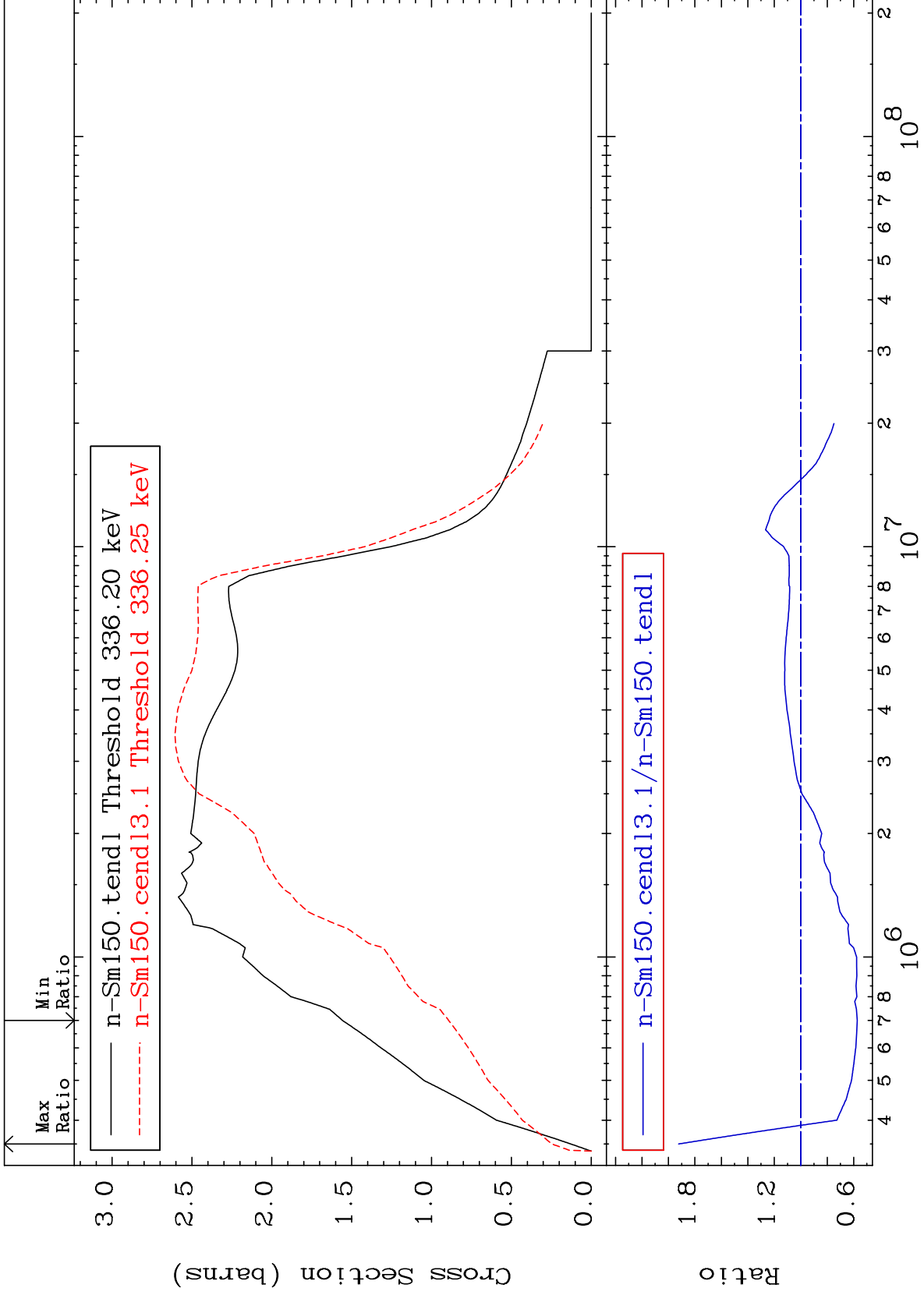
-99.25 To 9999. %



MAT 6243

Inelastic  
Cross Section

62-Sm-150  
-42.71 To 92.28 %



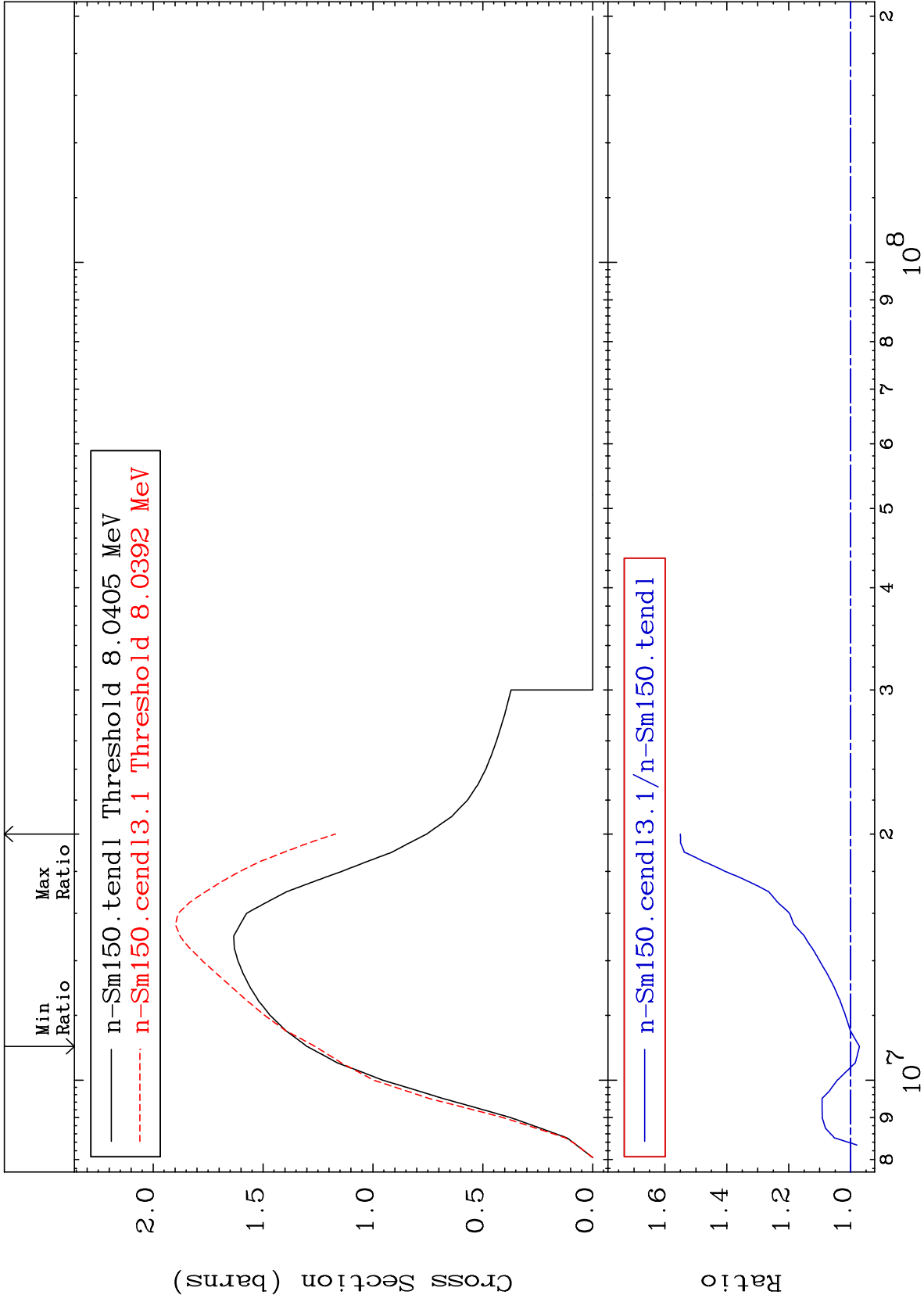
MAT 6243

(n,2n)

62-Sm-150

Cross Section

-2.848 To 55.01 %



4

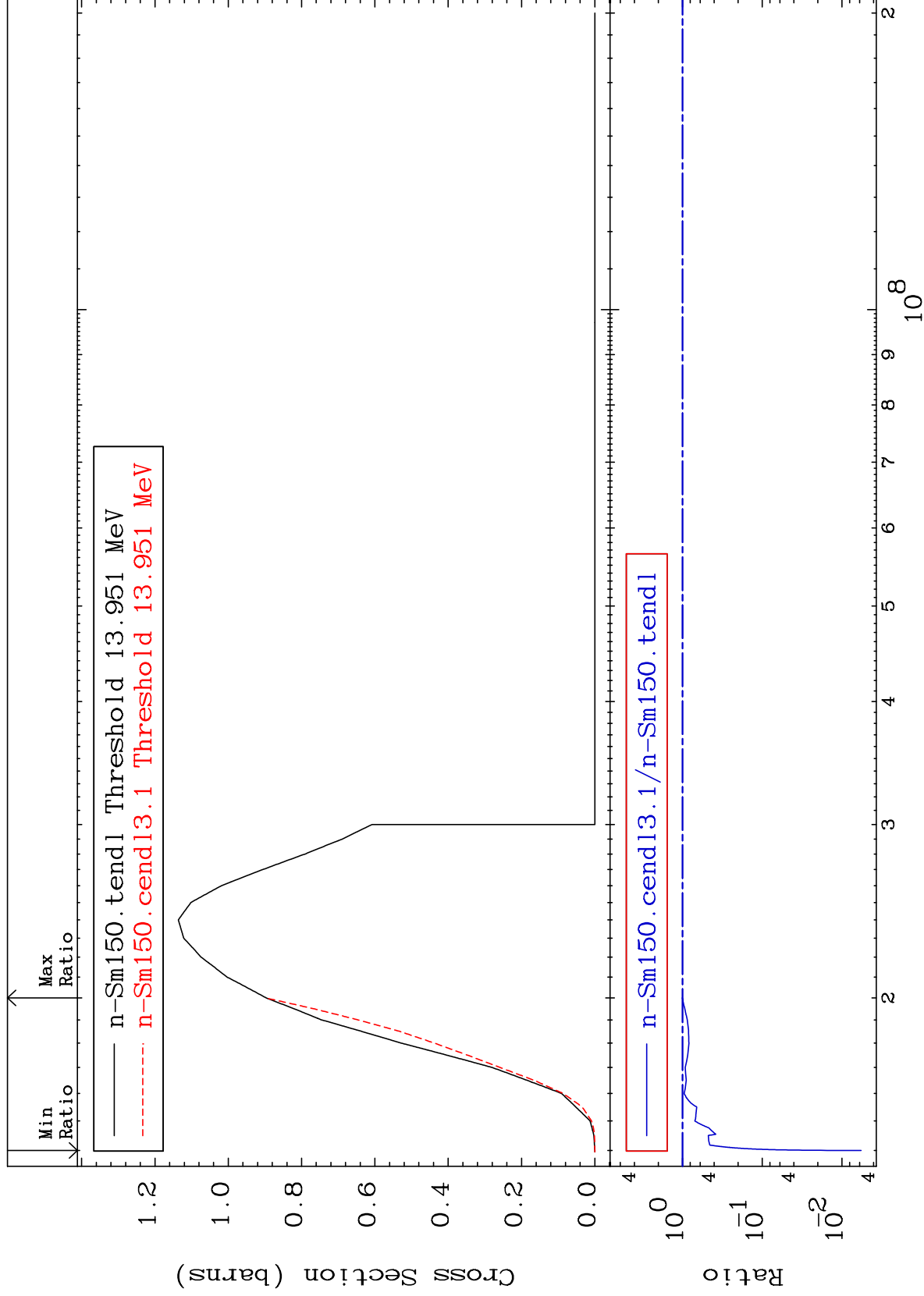
Incident Energy (eV)

62-Sm-150

MAT 6243

(n,3n)  
Cross Section

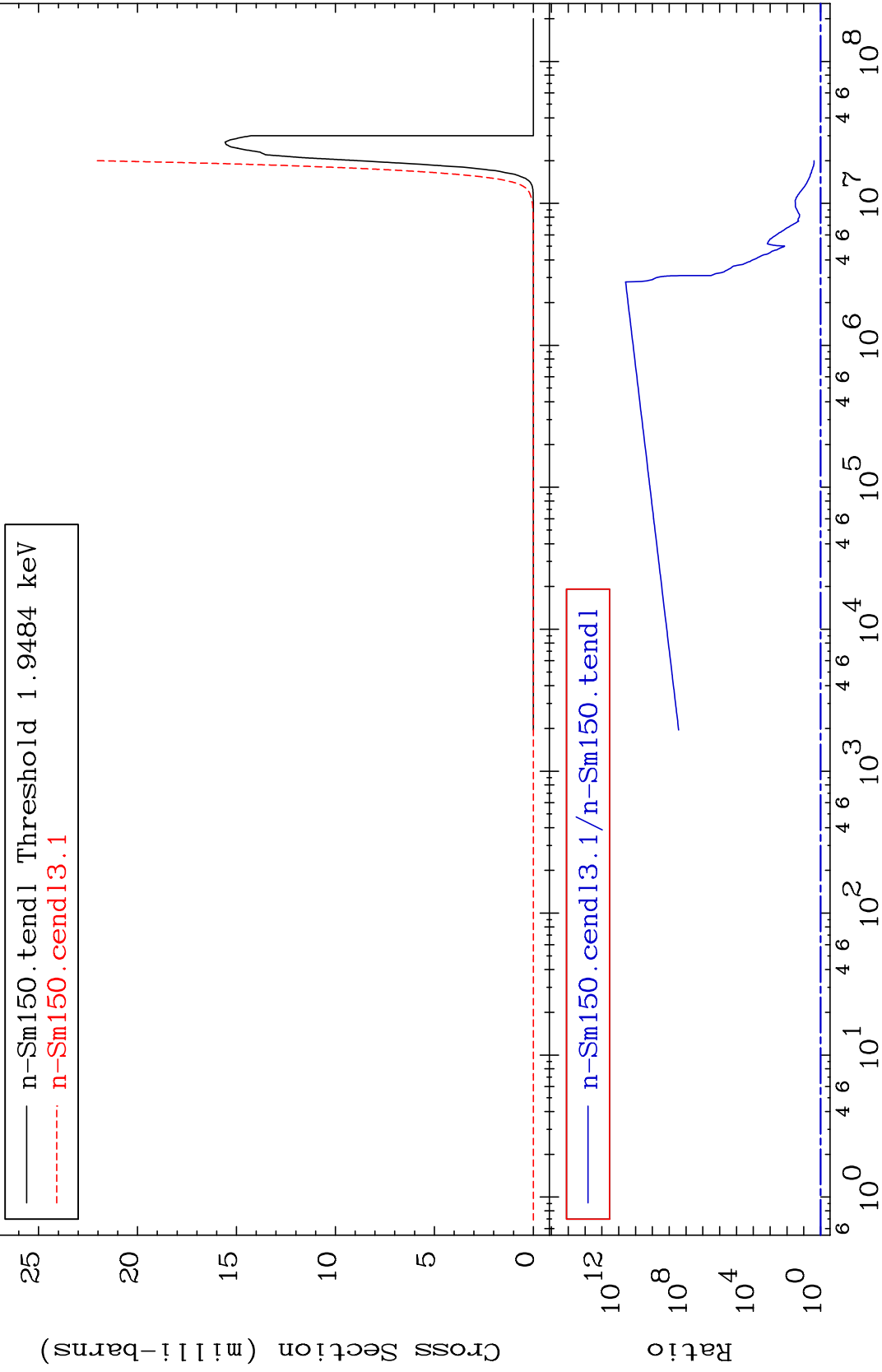
62-Sm-150  
-99.43 To 0.188 %



MAT 6243

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

62-Sm-150  
147.0 To 9999. %



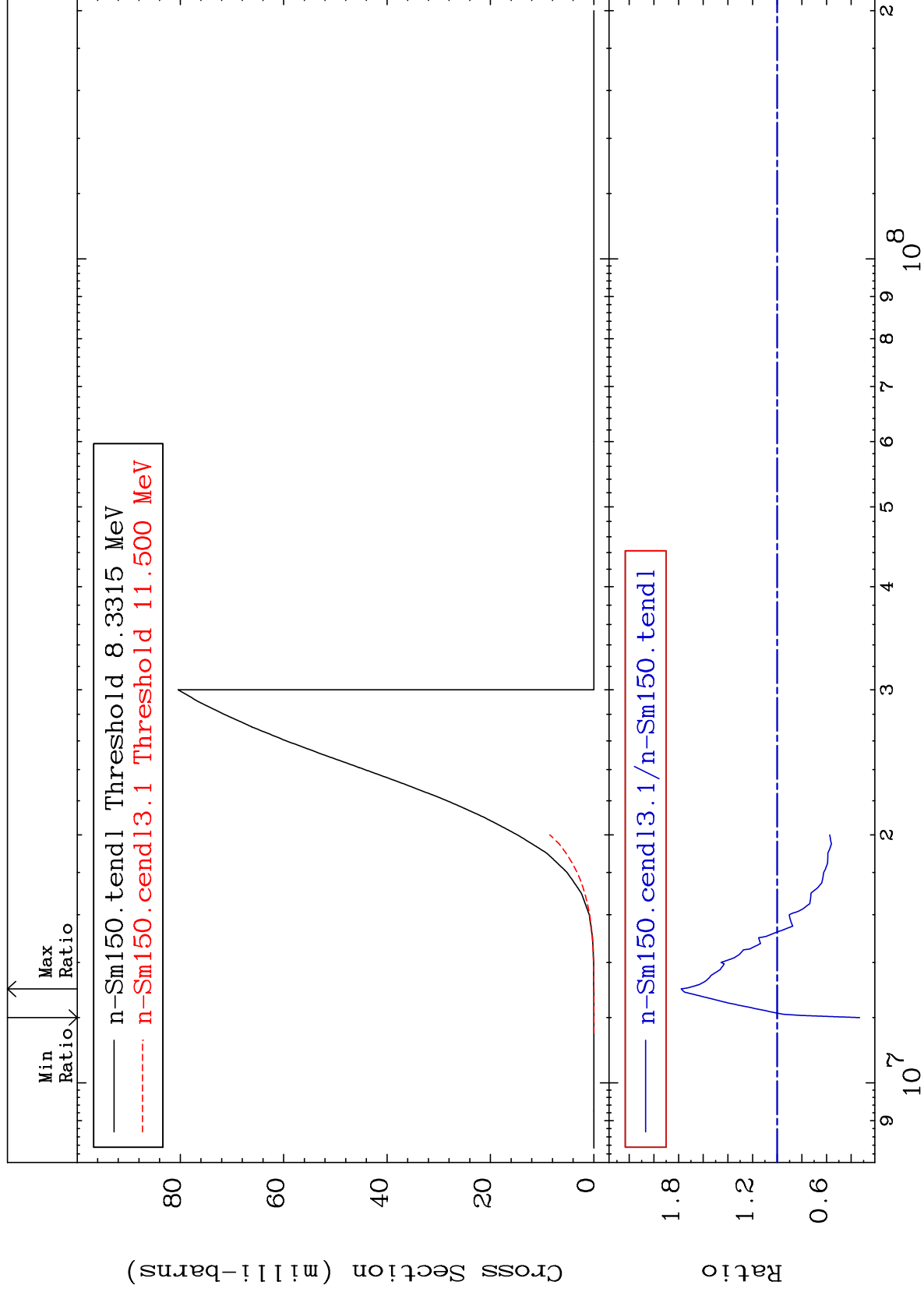
Incident Energy (eV)

62-Sm-150

MAT 6243

(n,n') p  
Cross Section

62-Sm-150  
-66.87 To 77.89 %



7

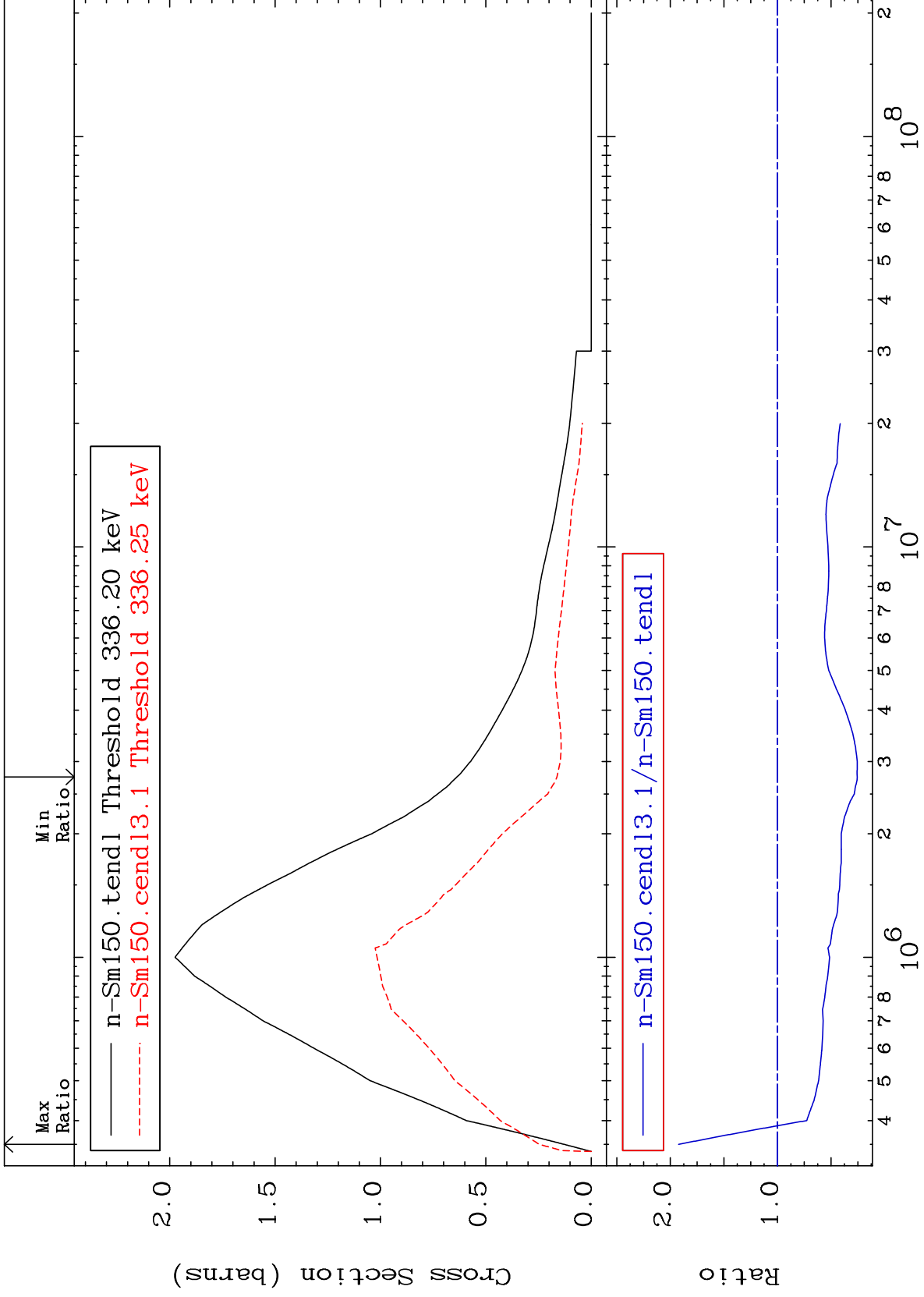
Incident Energy (eV)

62-Sm-150

MAT 6243

MT= 51 (n,n') Level  
Cross Section

62-Sm-150  
-74.49 To 92.28 %

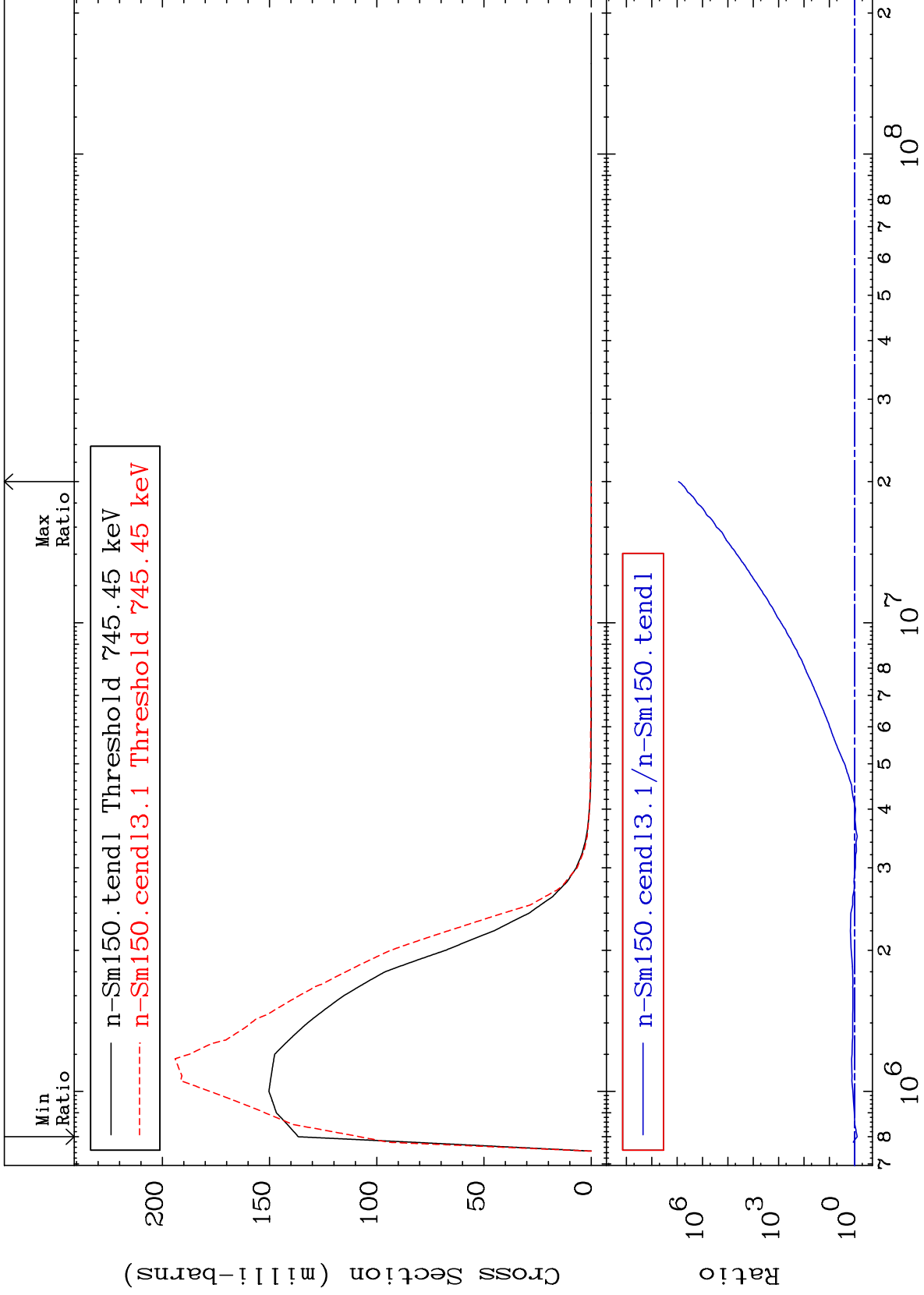




MAT 6243

MT= 52 (n,n') Level  
Cross Section

62-Sm-150  
-20.98 To 9999. %



9

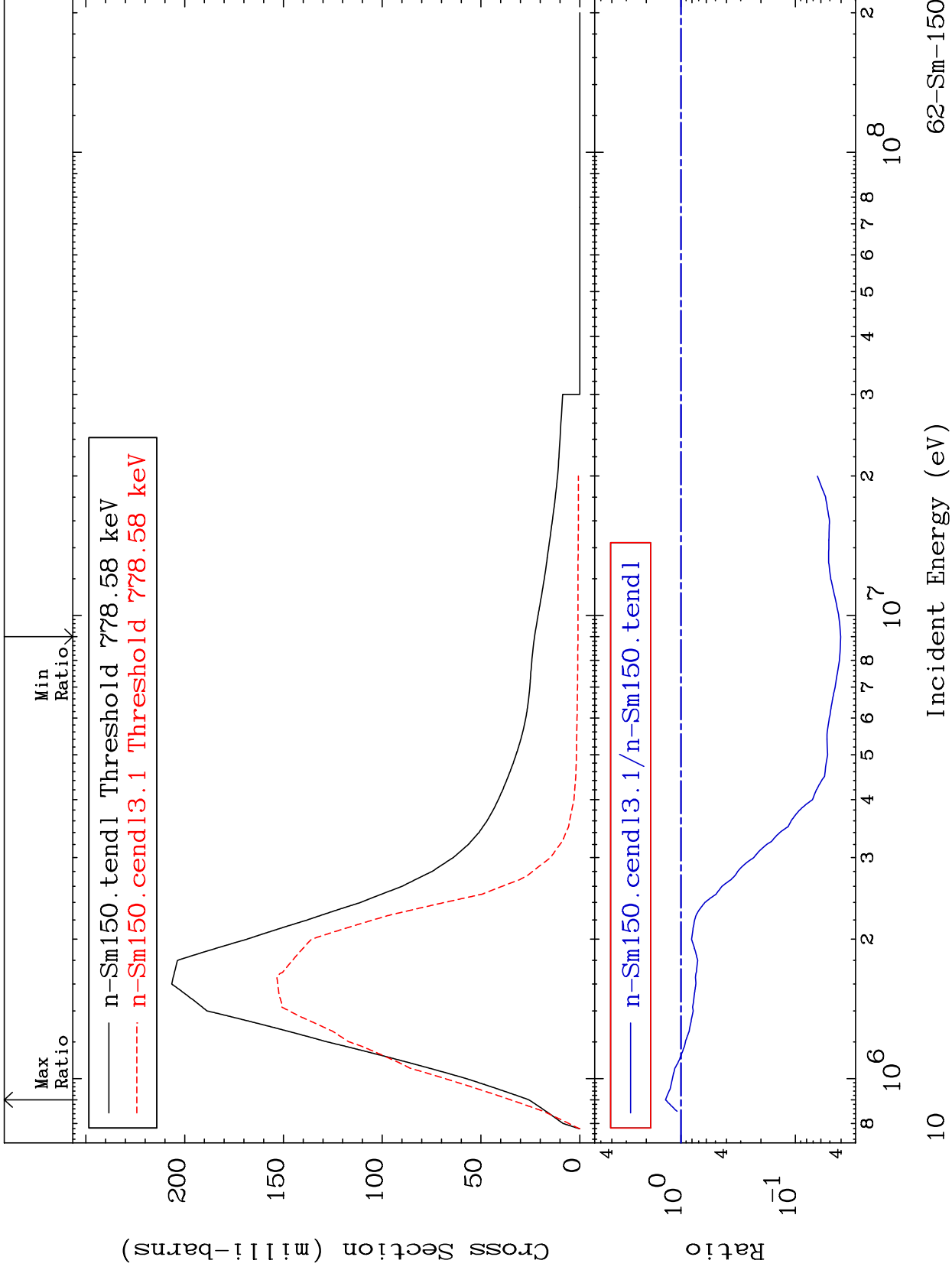
Incident Energy (eV)

62-Sm-150

MAT 6243

MT= 53 (n,n') Level  
Cross Section

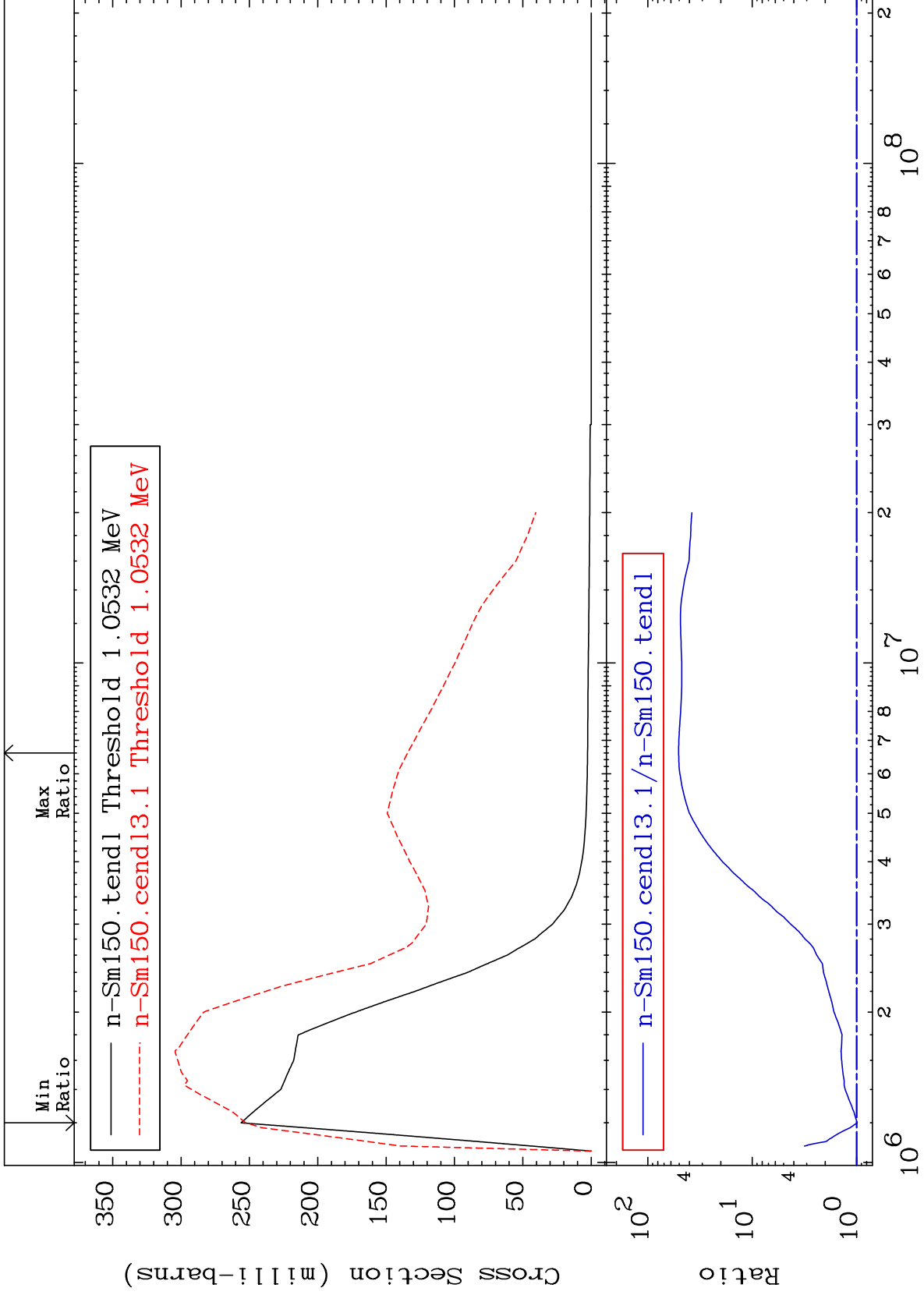
62-Sm-150  
-95.97 To 36.19 %



MAT 6243

MT= 54 (n,n') Level  
Cross Section

62-Sm-150  
-1.489 To 4962. %



11

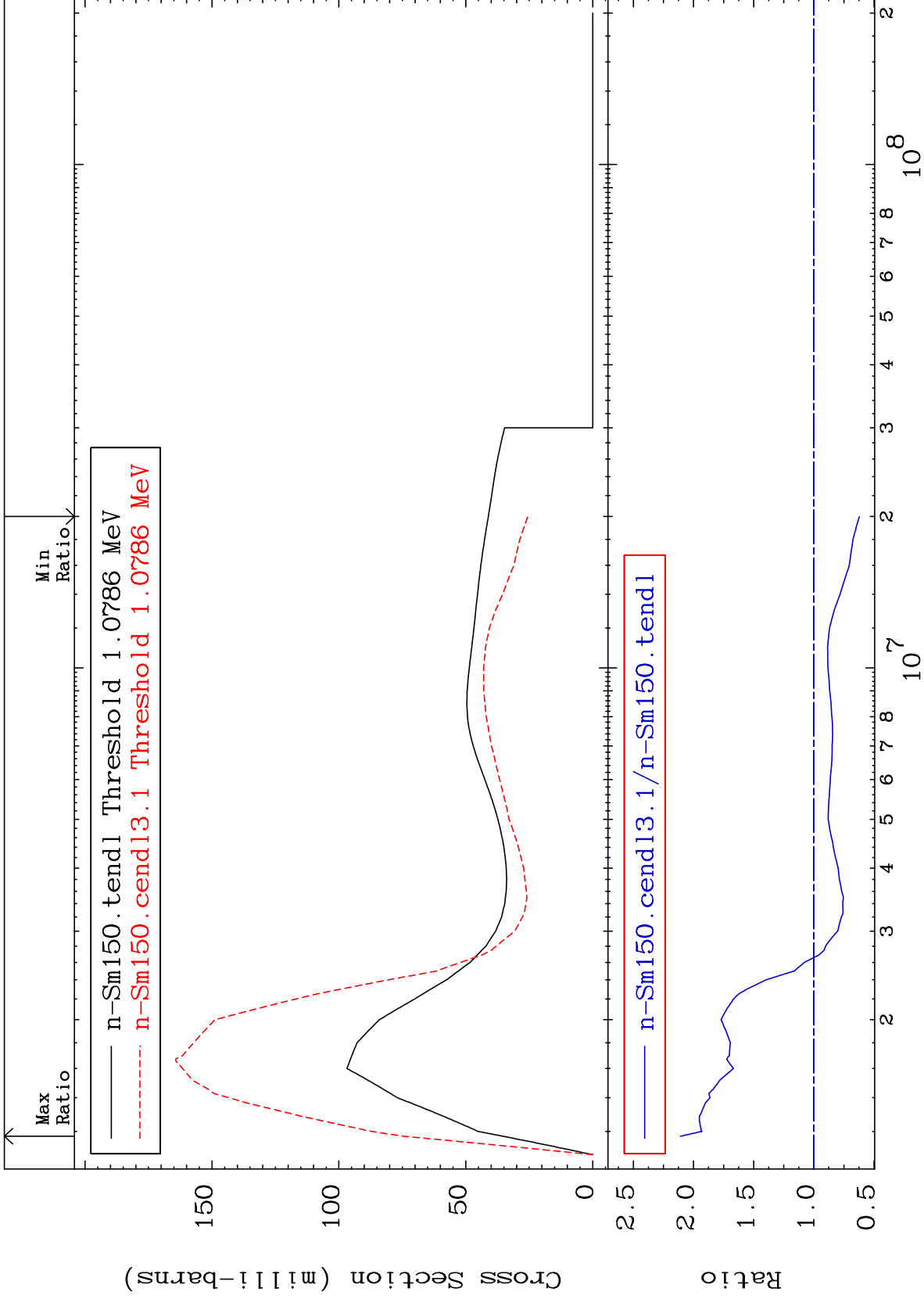
Incident Energy (eV)

62-Sm-150

MAT 6243

MT= 55 (n,n') Level  
Cross Section

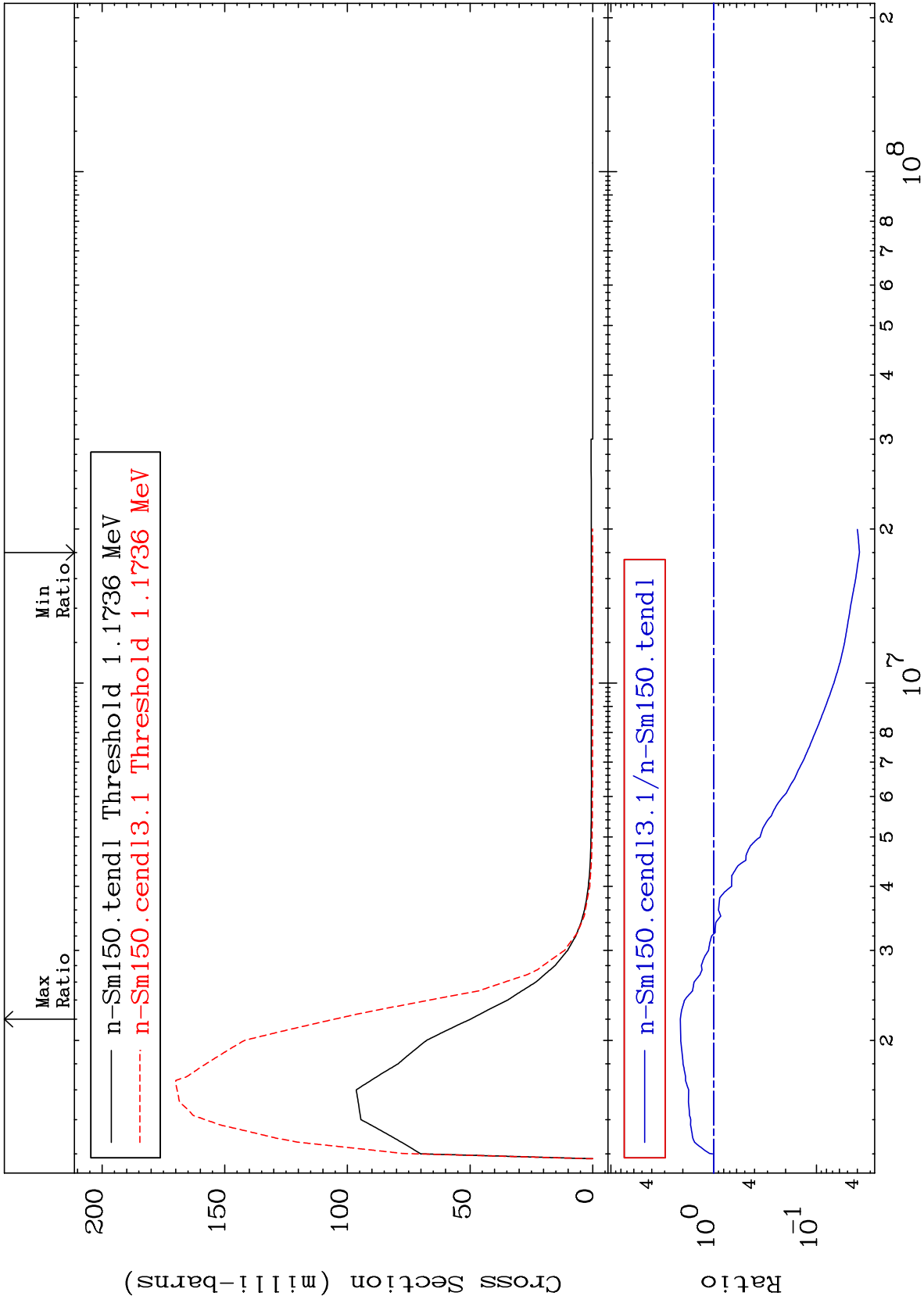
62-Sm-150  
-37.90 To 110.9 %



MAT 6243

MT= 56 (n,n') Level  
Cross Section

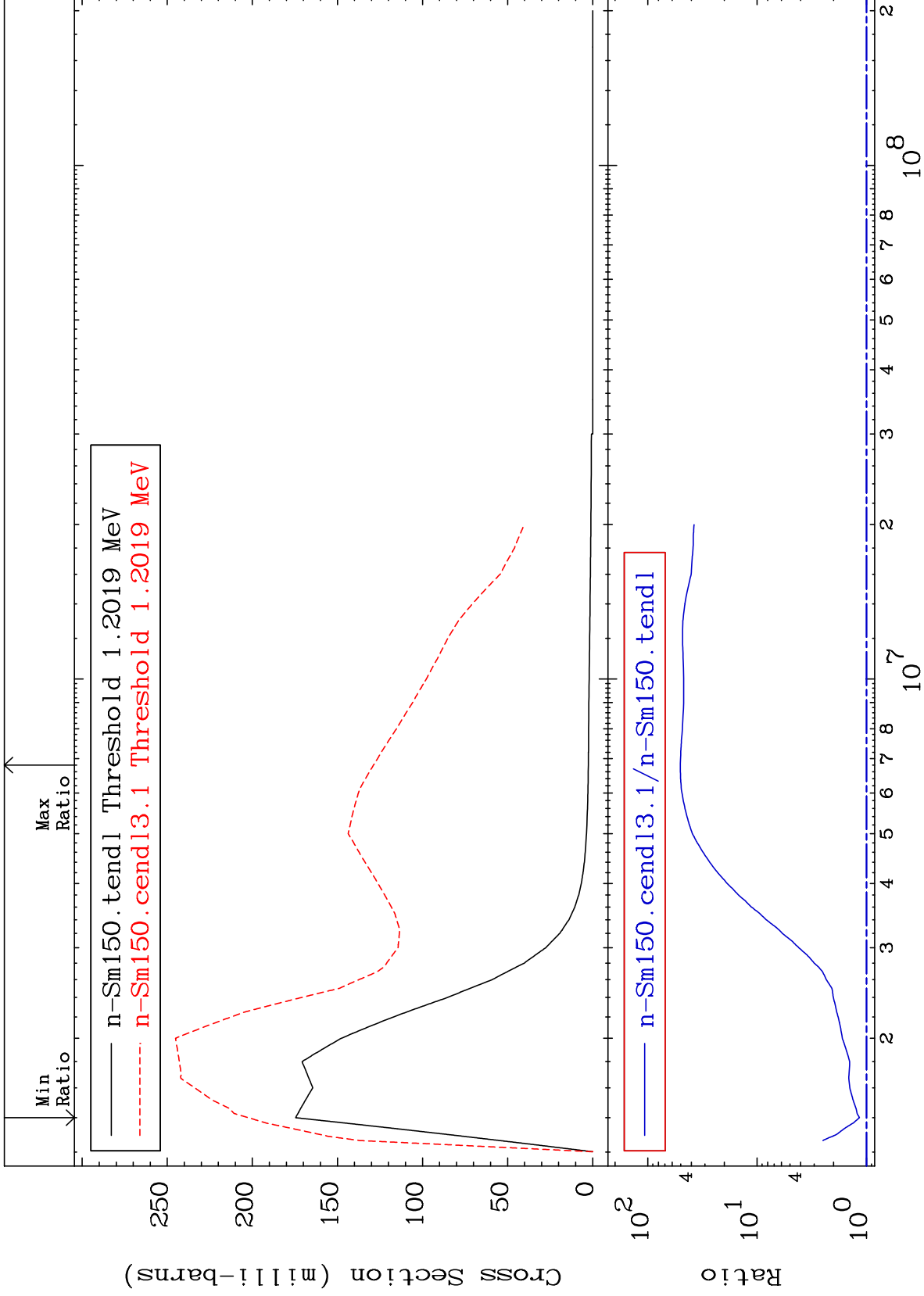
62-Sm-150  
-96.18 To 111.2 %



MAT 6243

MT= 57 (n,n') Level  
Cross Section

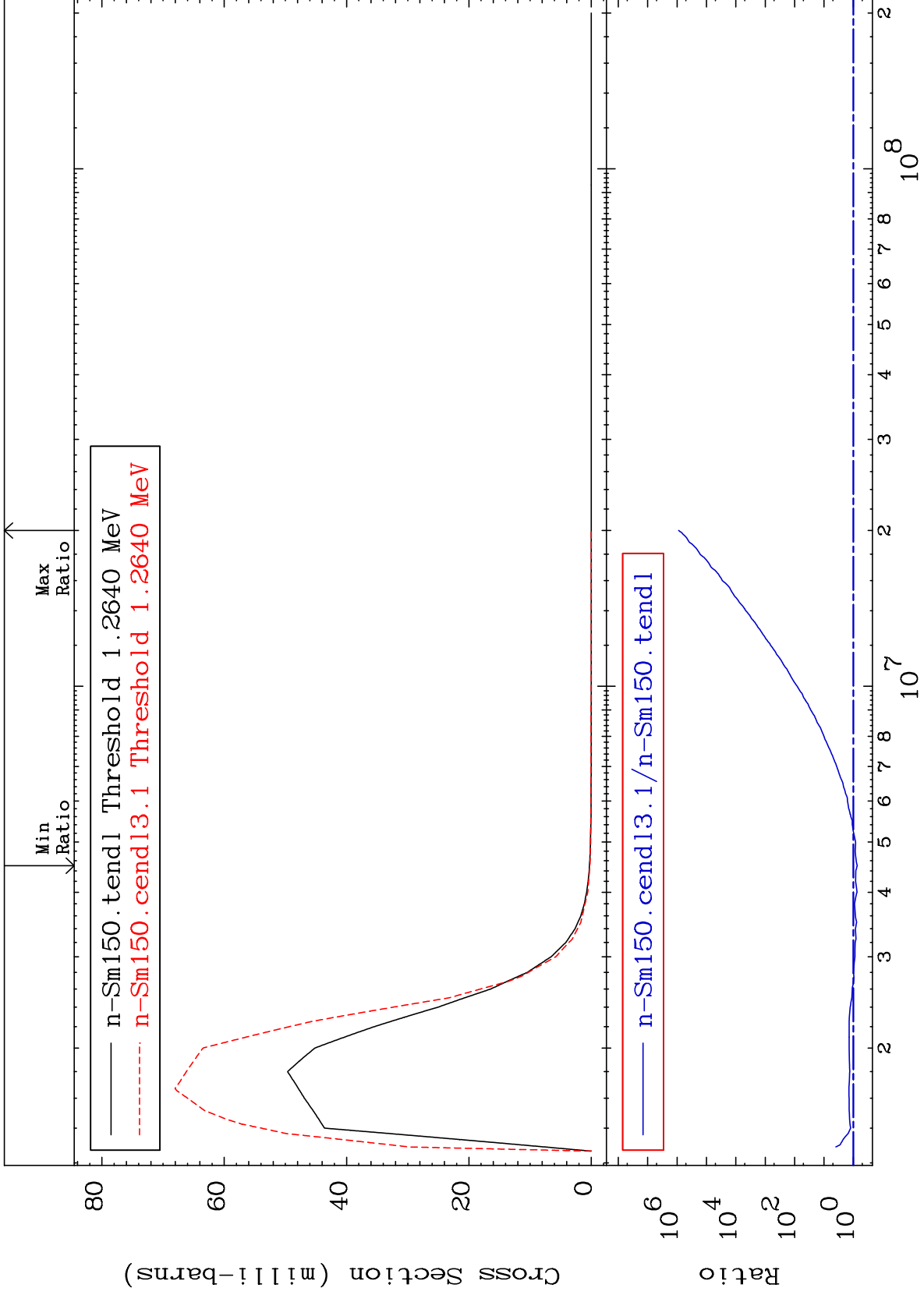
62-Sm-150  
15.87 To 4942. %



MAT 6243

MT= 58 (n,n') Level  
Cross Section

62-Sm-150  
-26.05 To 9999. %



15

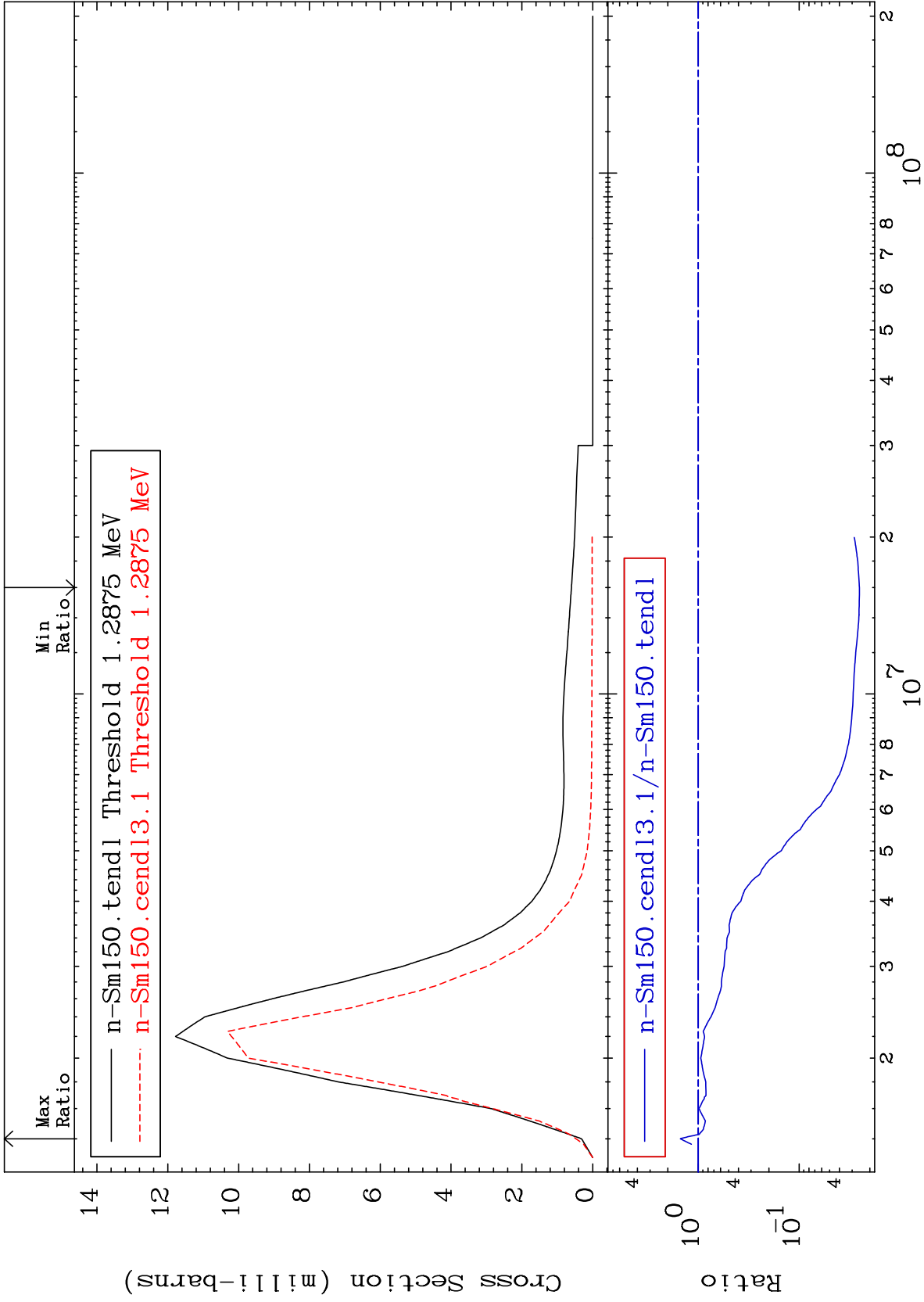
Incident Energy (eV)

62-Sm-150

MAT 6243

MT= 59 (n,n') Level  
Cross Section

62-Sm-150  
-97.47 To 50.37 %

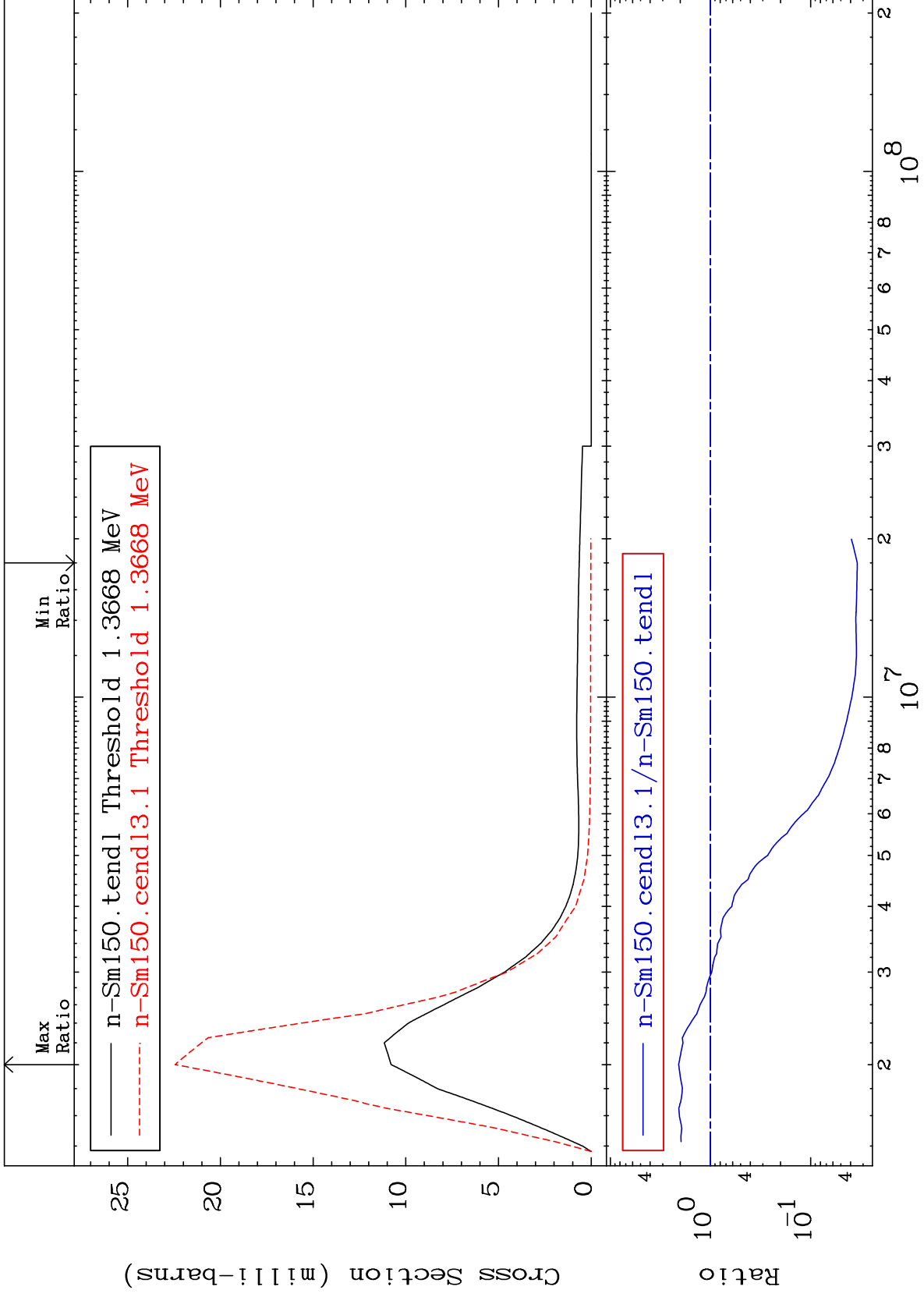




MAT 6243

MT= 60 (n,n') Level  
Cross Section

62-Sm-150  
-96.57 To 108.0 %



17

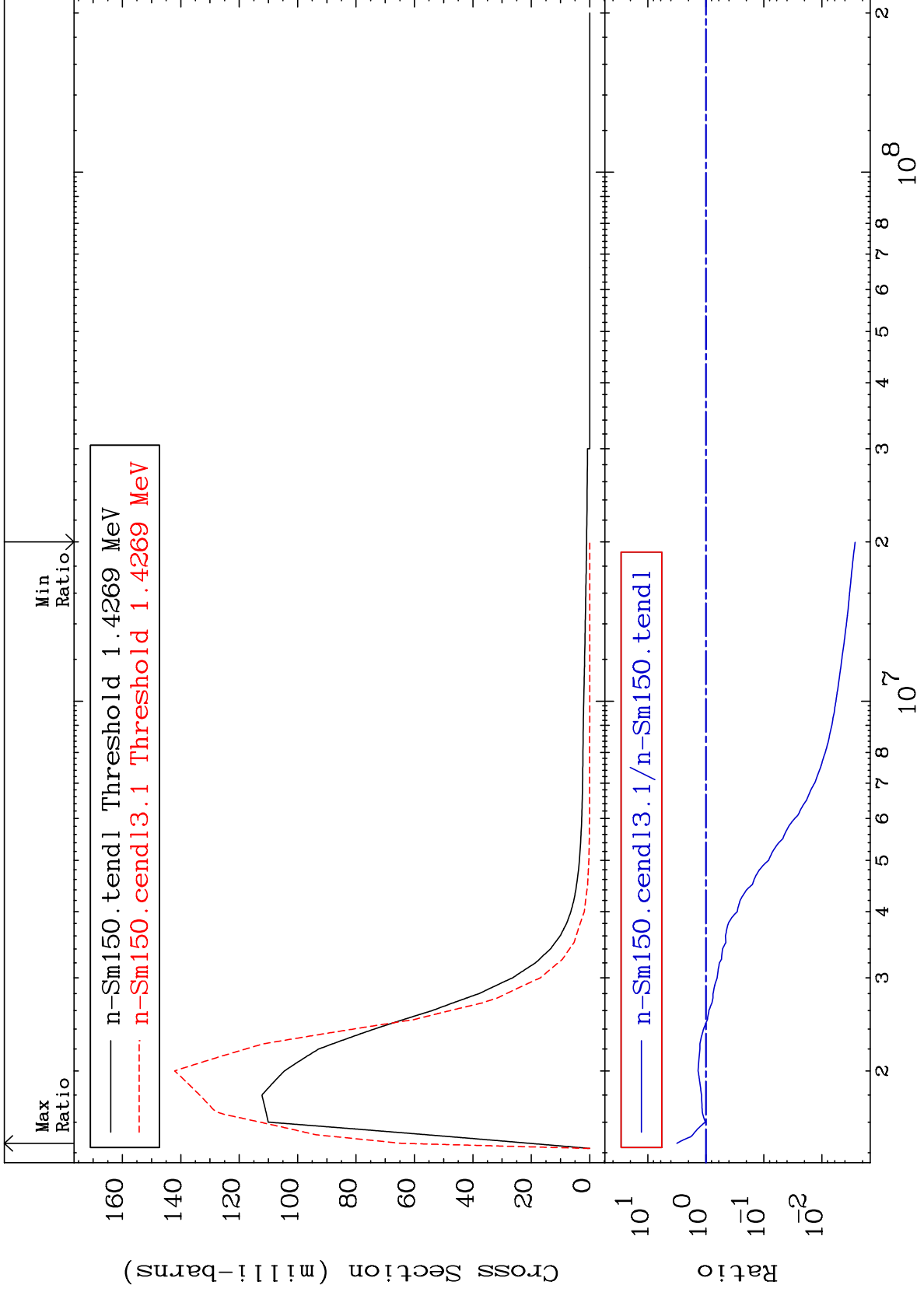
Incident Energy (eV)

62-Sm-150

MAT 6243

MT= 61 (n, n') Level  
Cross Section

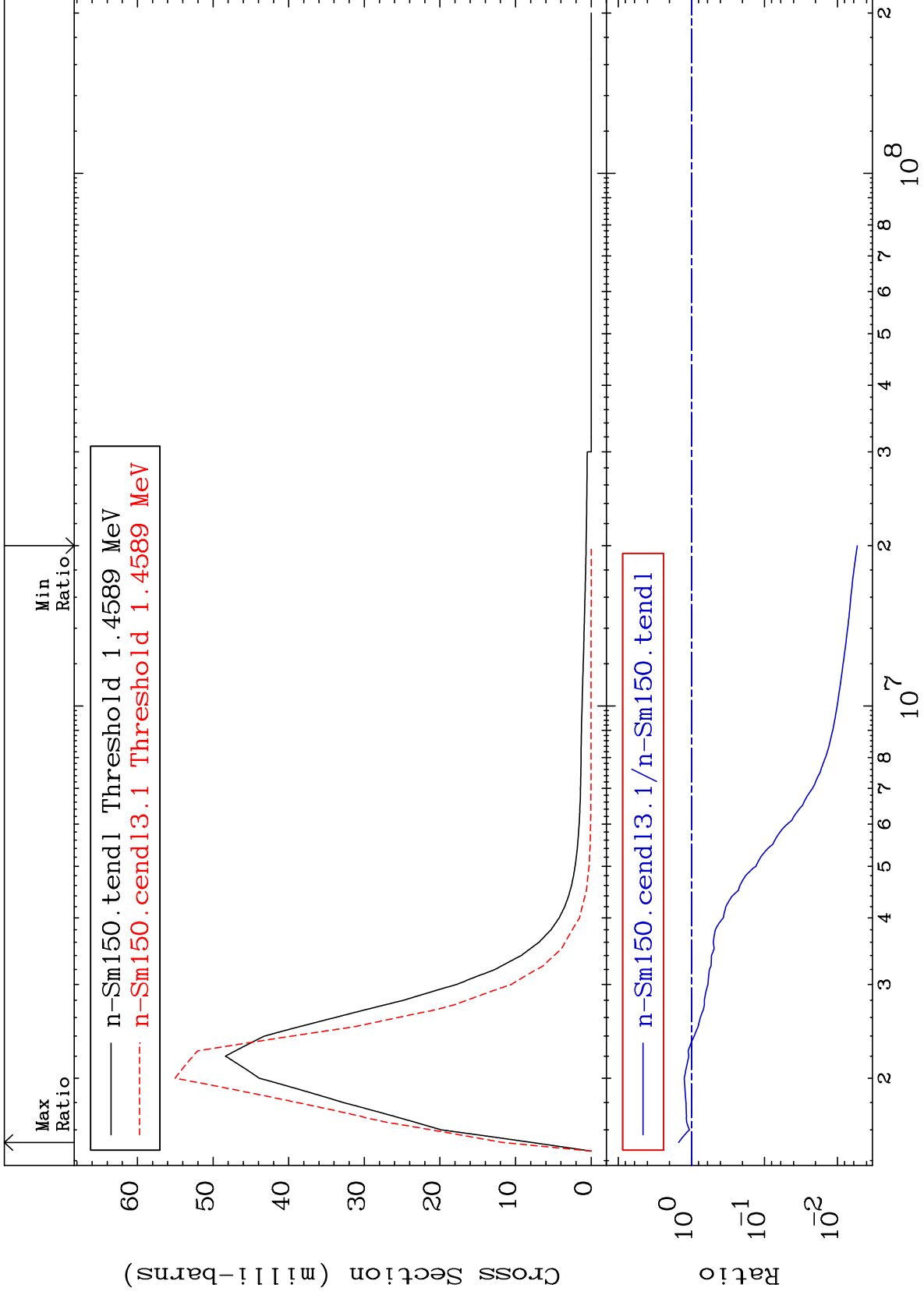
62-Sm-150  
-99.73 To 215.7 %



MAT 6243

MT= 62 (n, n') Level  
Cross Section

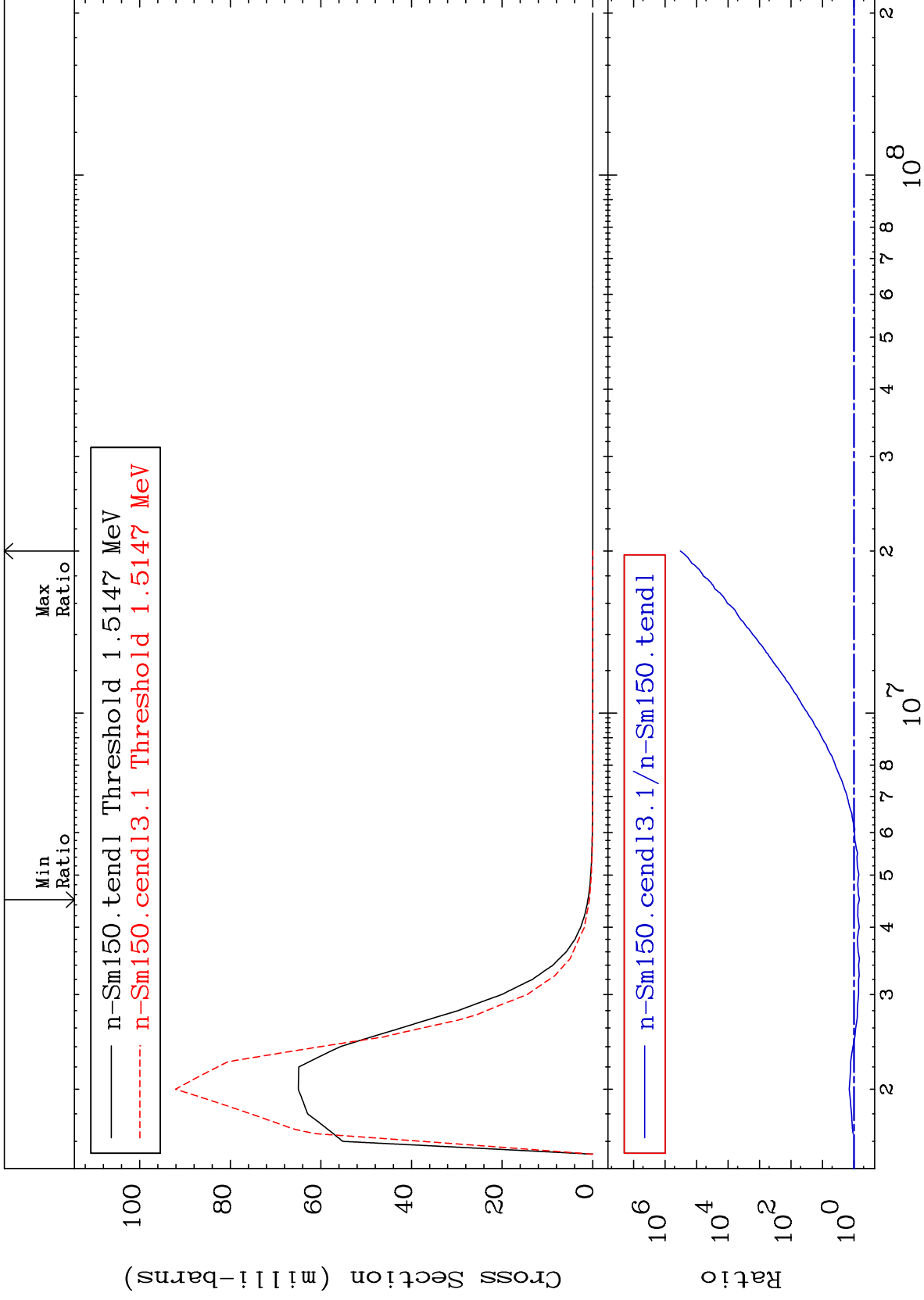
62-Sm-150  
-99.46 To 49.45 %



MAT 6243

MT= 63 (n, n') Level  
Cross Section

62-Sm-150  
-32.42 To 9999. %



20

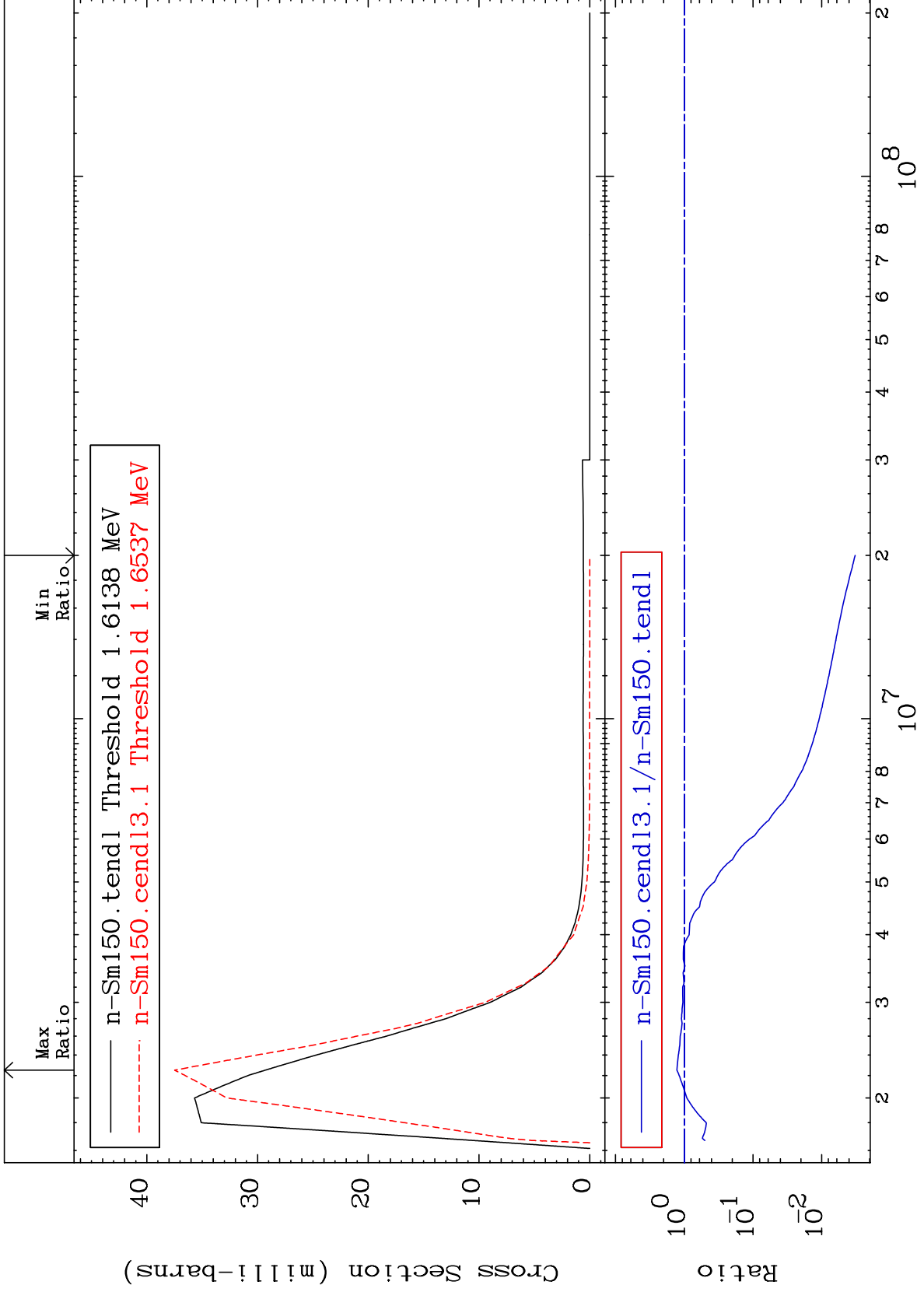
Incident Energy (eV)

62-Sm-150

MAT 6243

MT= 64 (n, n') Level  
Cross Section

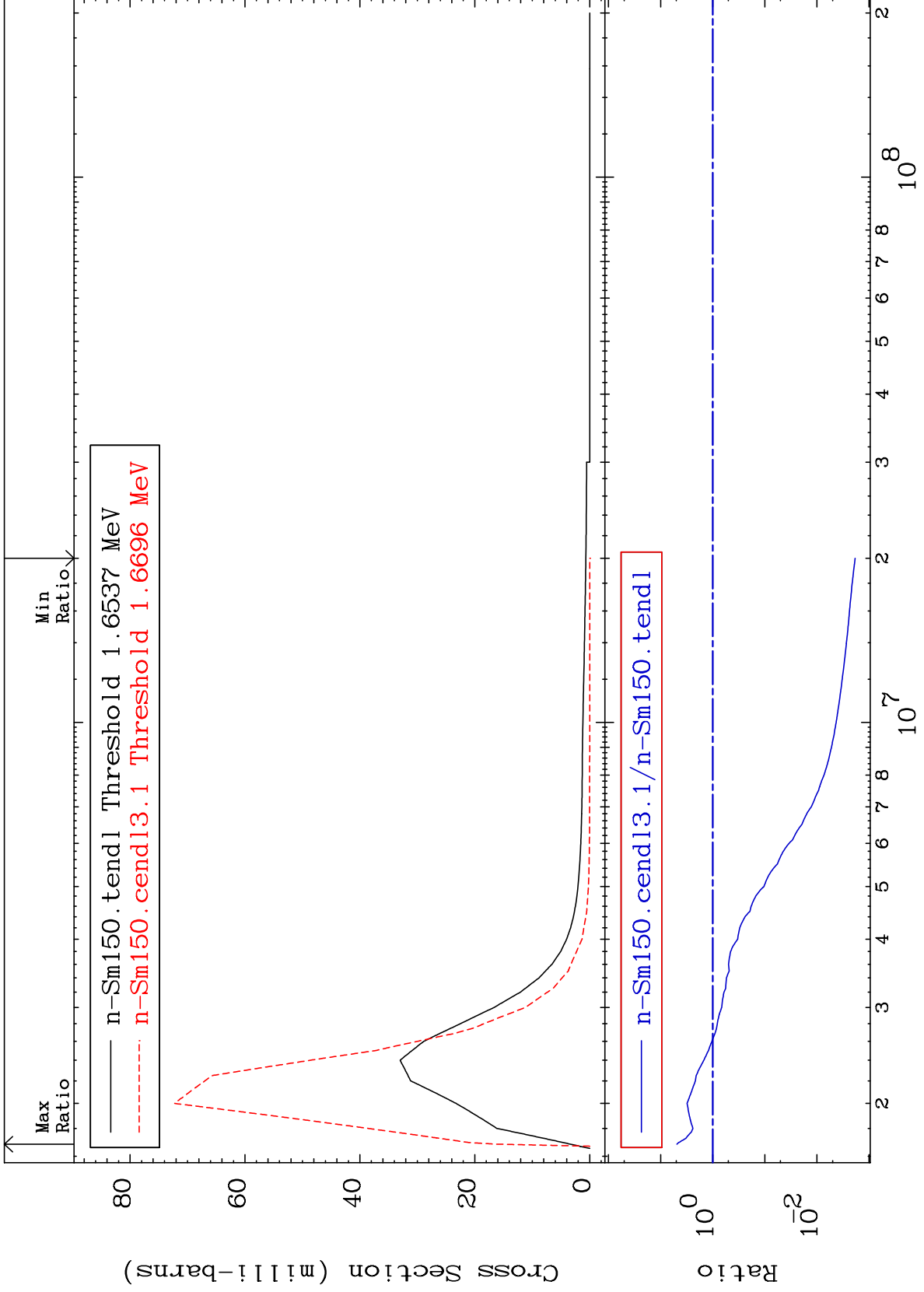
62-Sm-150  
-99.67 To 27.94 %



MAT 6243

MT= 65 (n,n') Level  
Cross Section

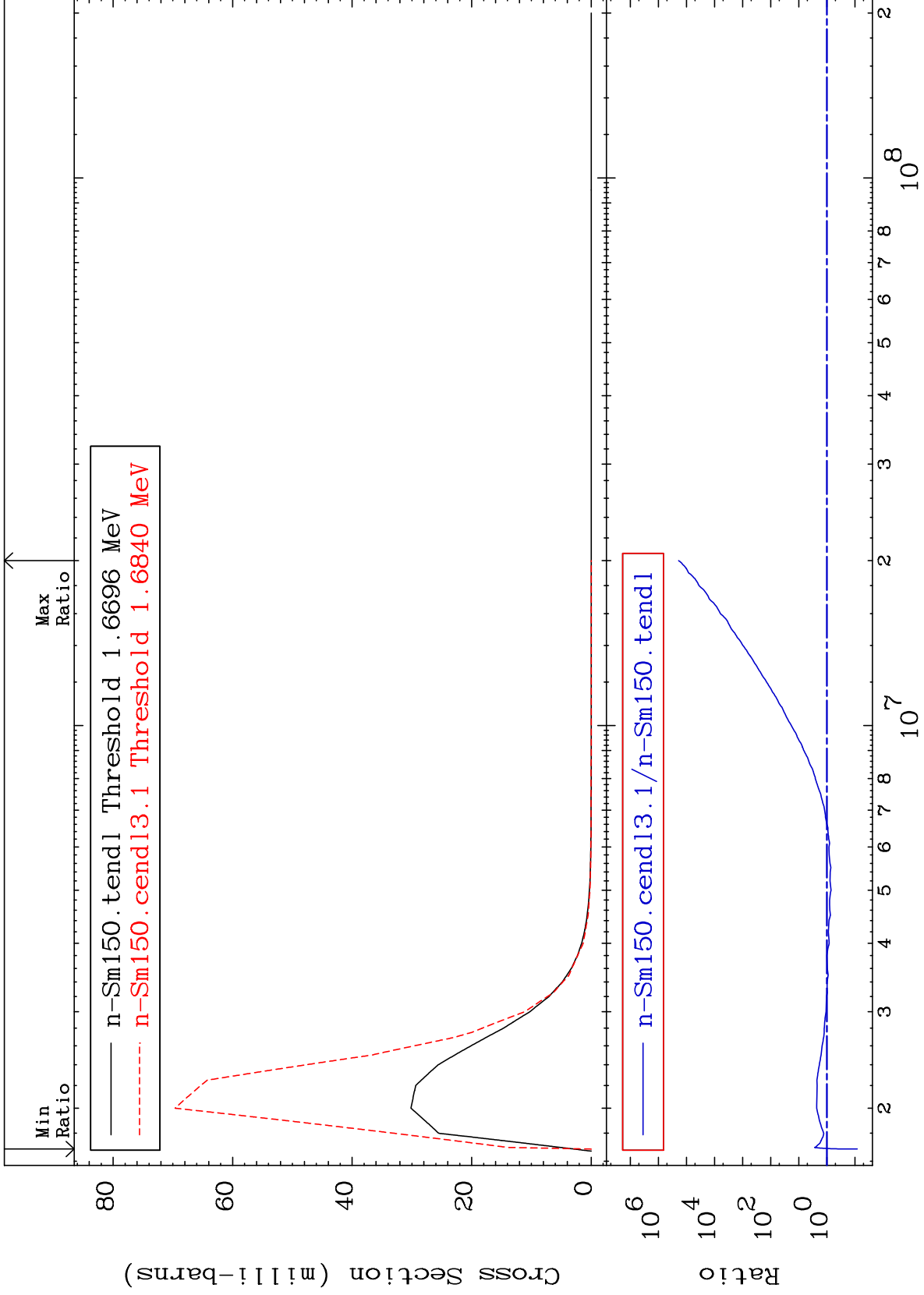
62-Sm-150  
-99.81 To 386.4 %



MAT 6243

MT= 66 (n,n') Level  
Cross Section

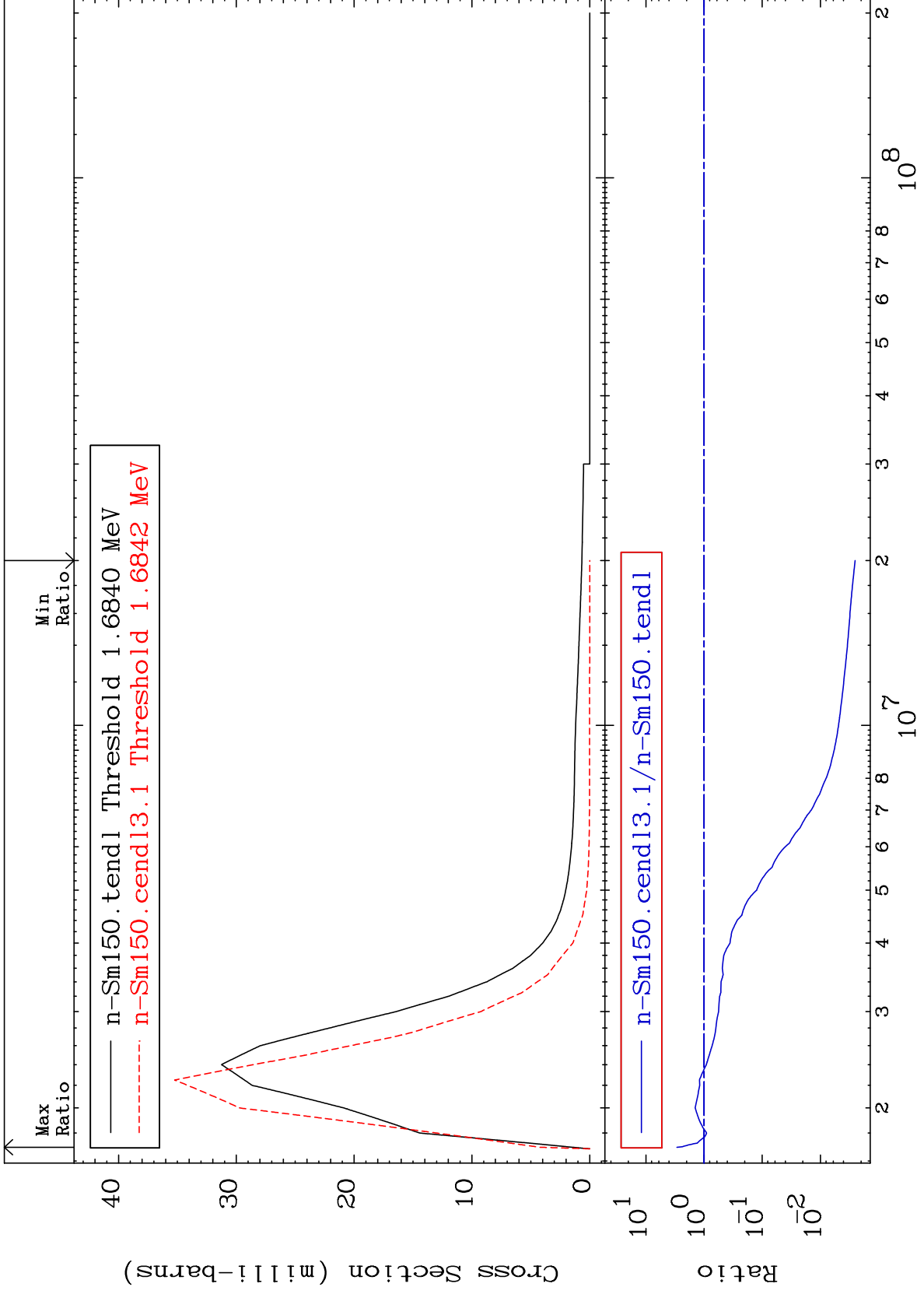
62-Sm-150  
-91.70 To 9999. %



MAT 6243

MT= 67 (n, n') Level  
Cross Section

62-Sm-150  
-99.75 To 192.8 %

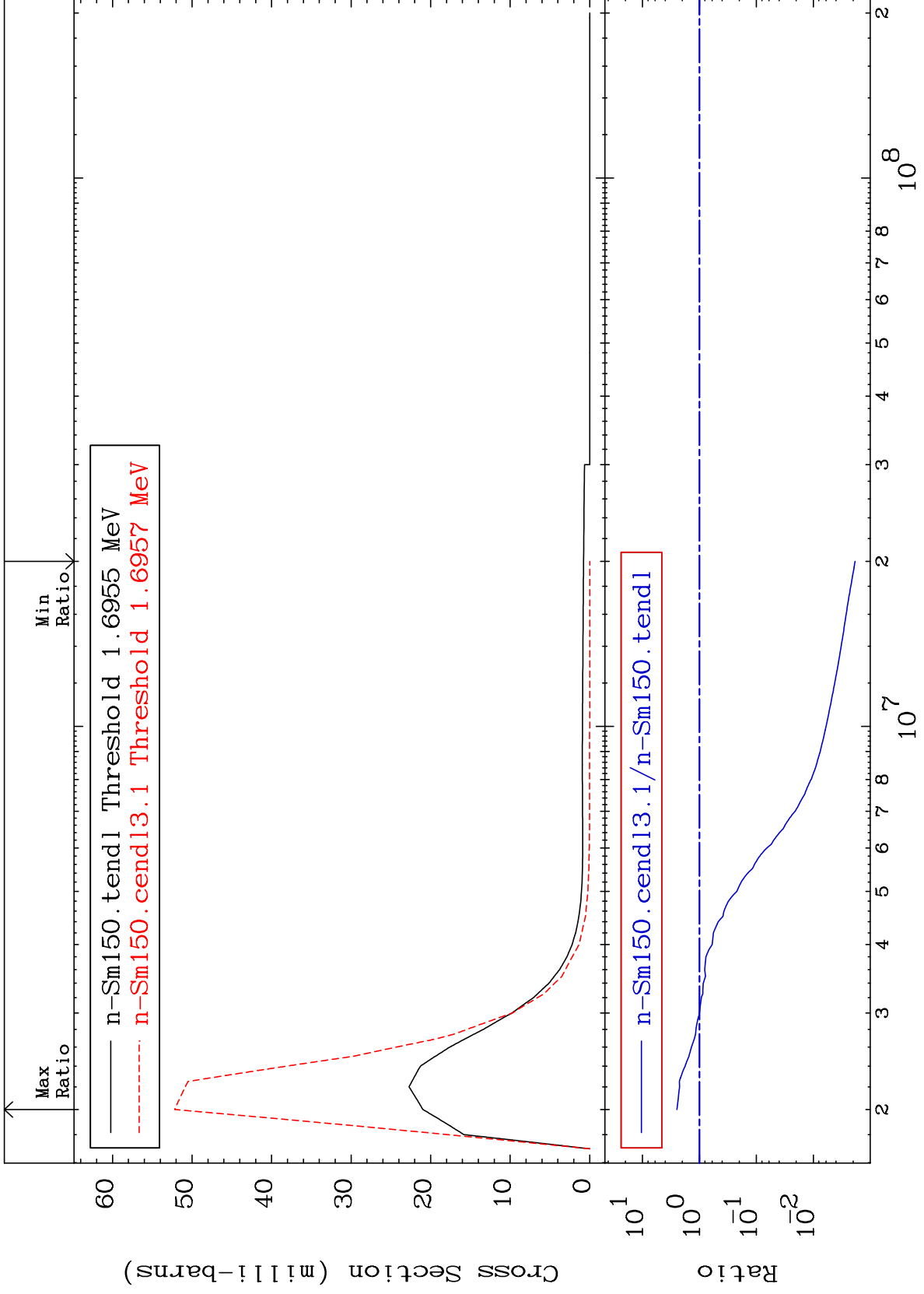




MAT 6243

MT= 68 (n,n') Level  
Cross Section

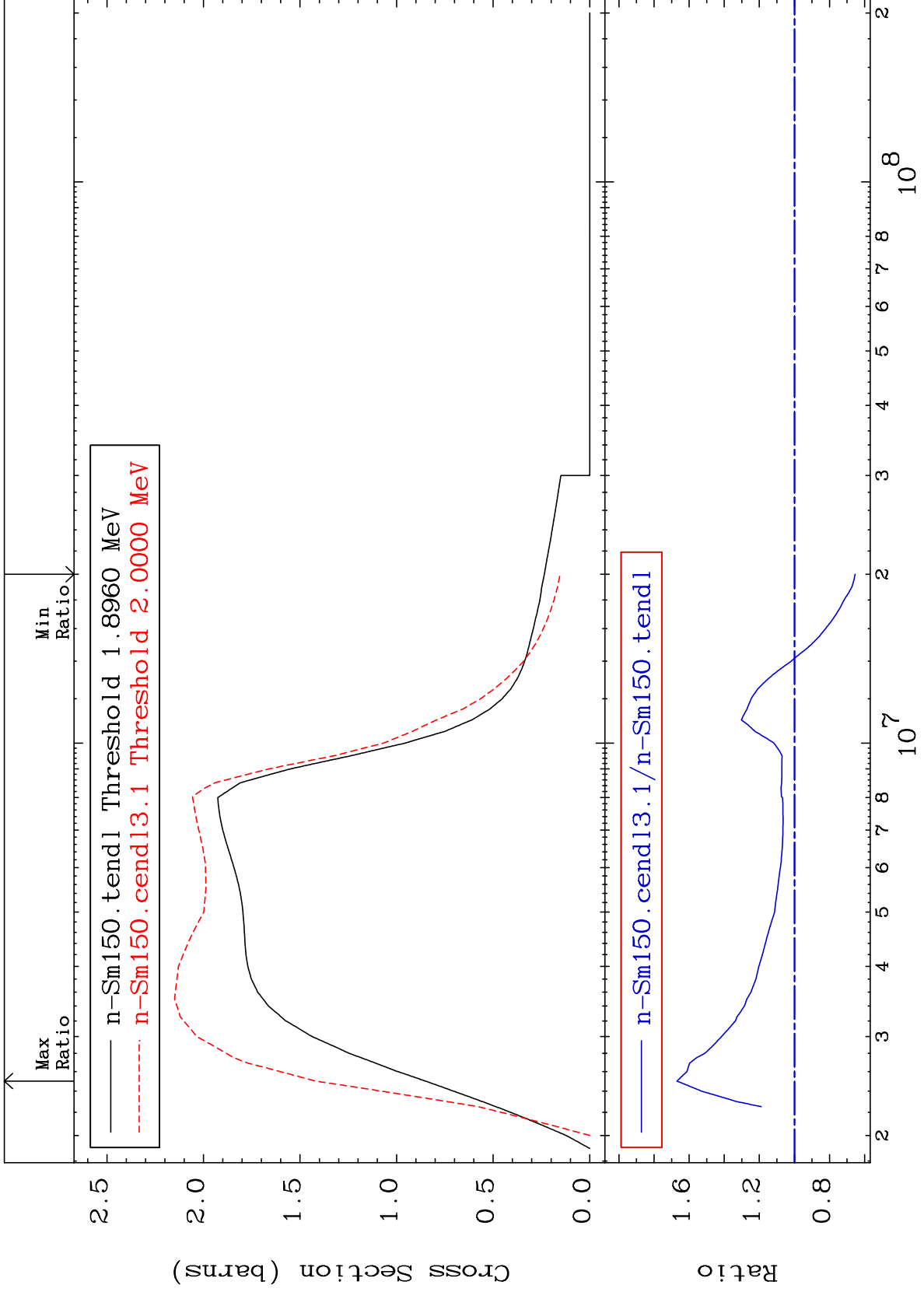
62-Sm-150  
-99.82 To 148.8 %



MAT 6243

(n, n') Continuum  
Cross Section

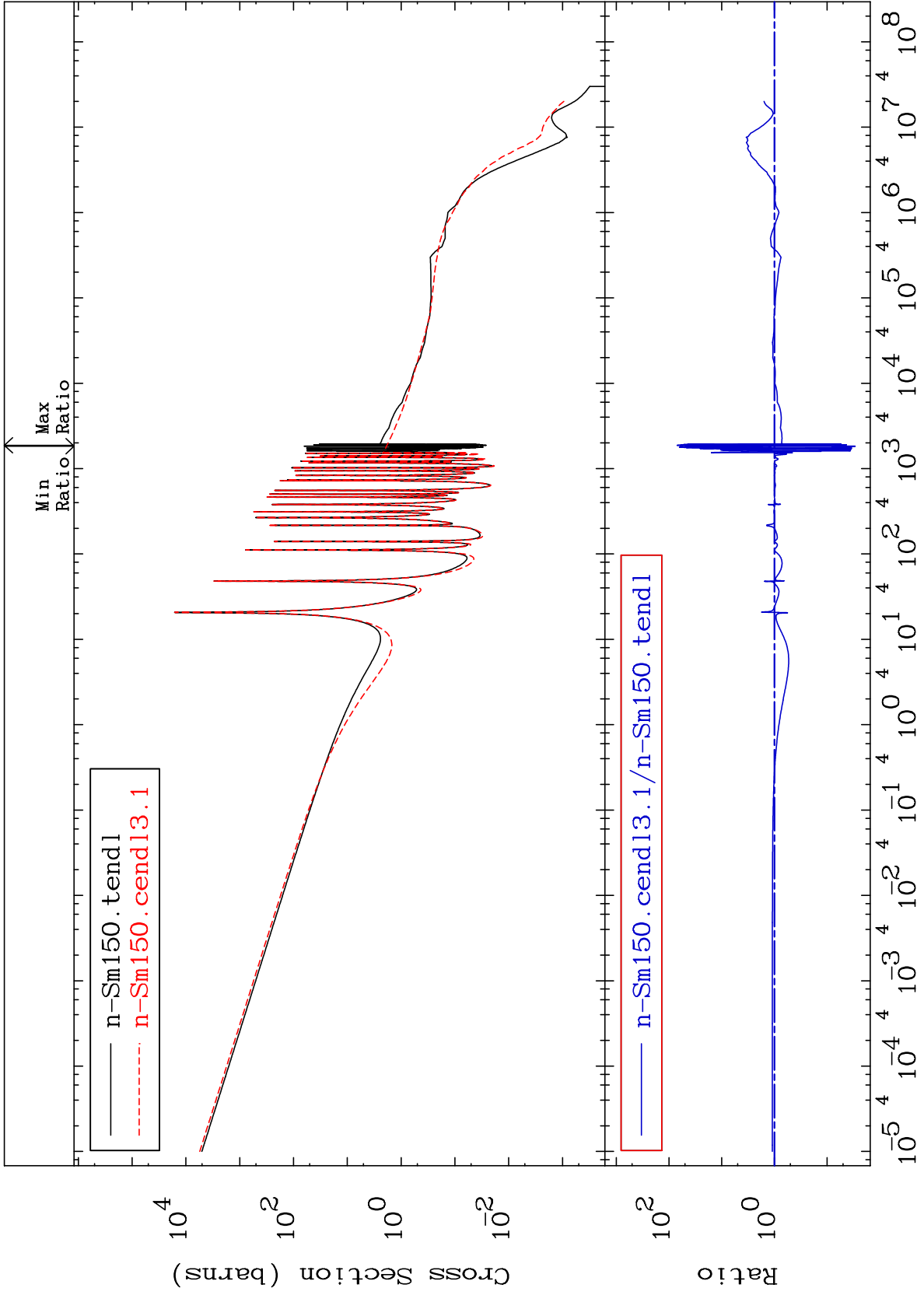
62-Sm-150  
-34.57 To 66.96 %



MAT 6243

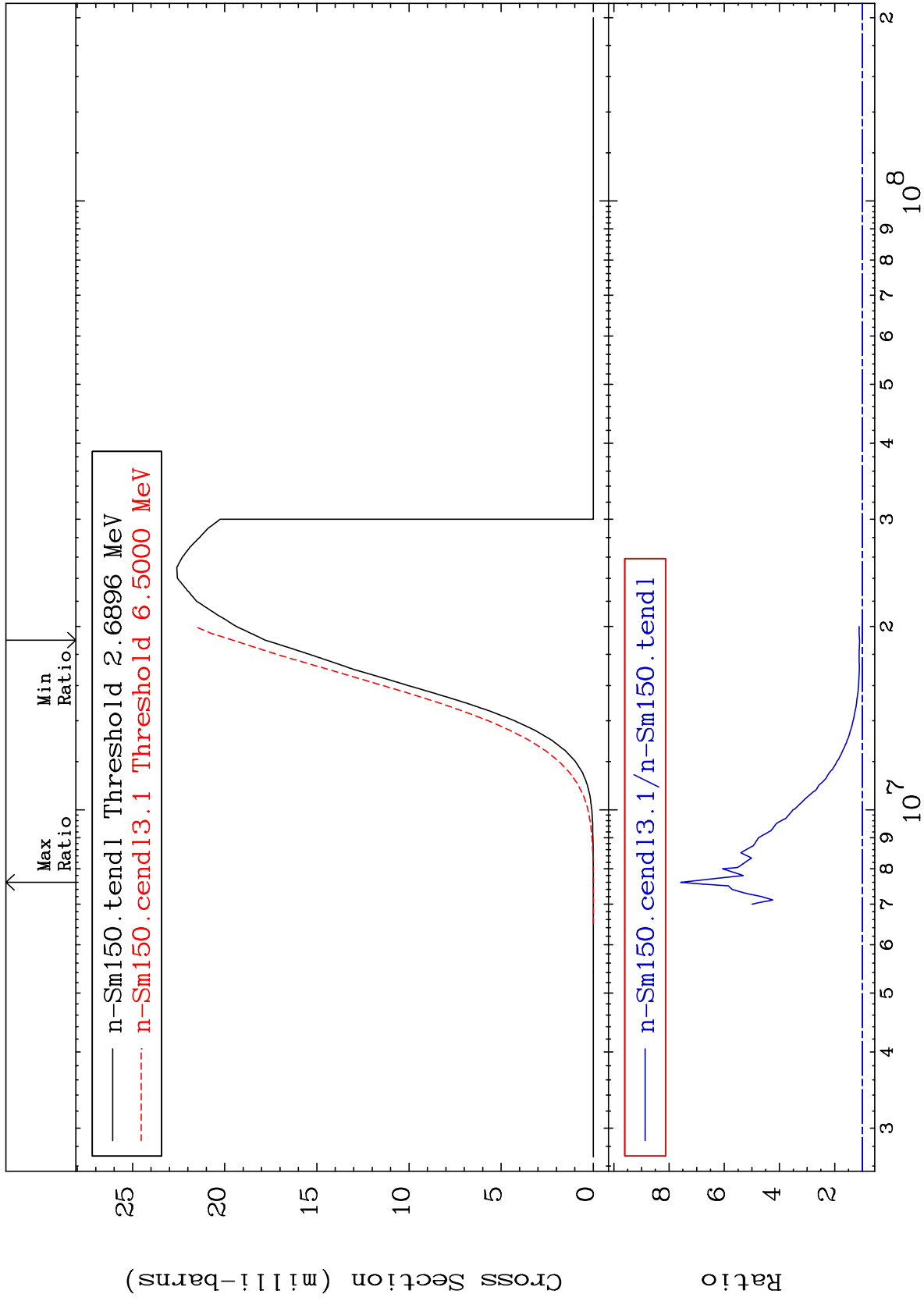
(n,  $\gamma$ )  
Cross Section

62-Sm-150  
-97.05 To 6976. %



MAT 6243

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



28

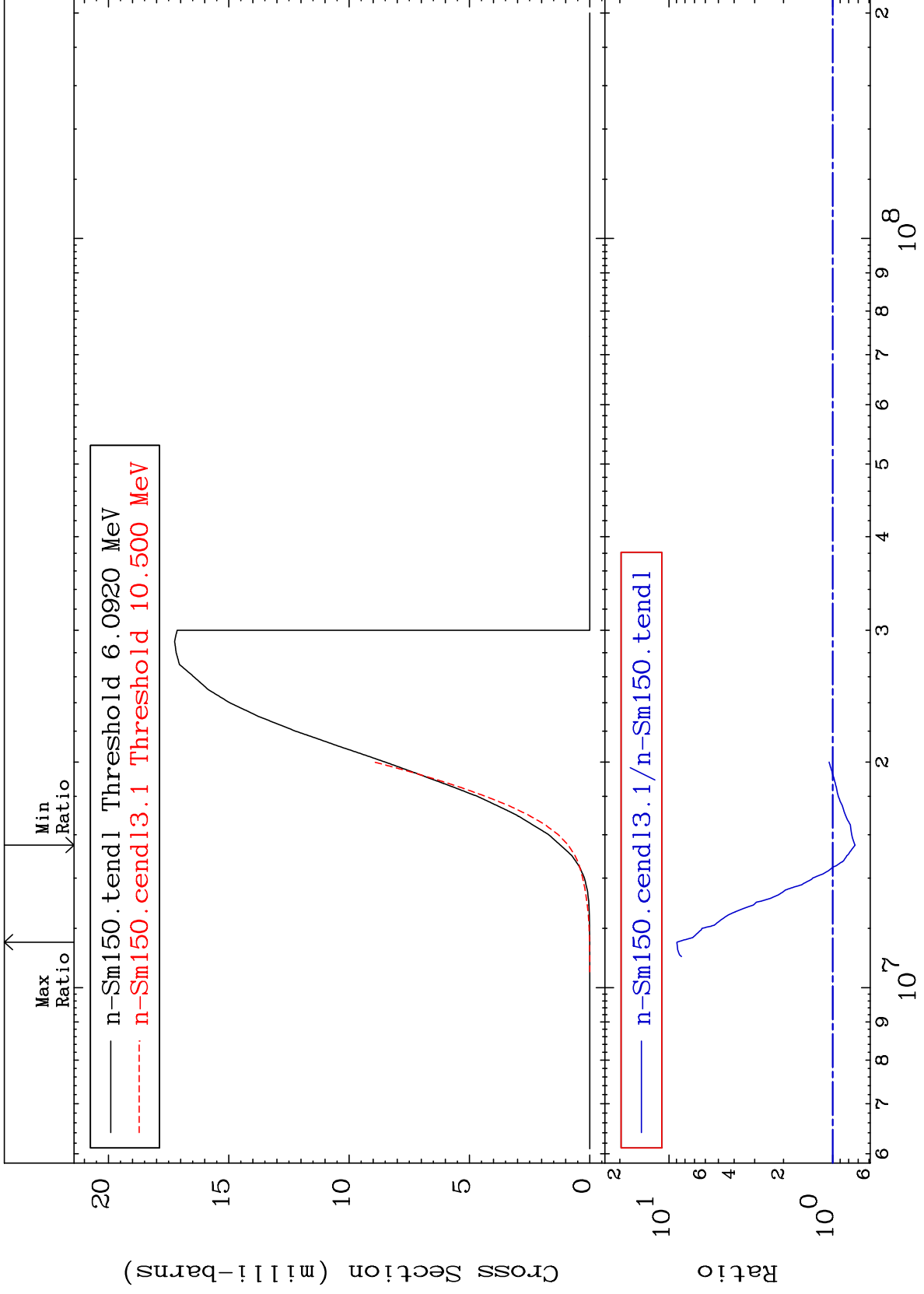
Incident Energy (eV)

62-Sm-150

MAT 6243

(n, d)  
Cross Section

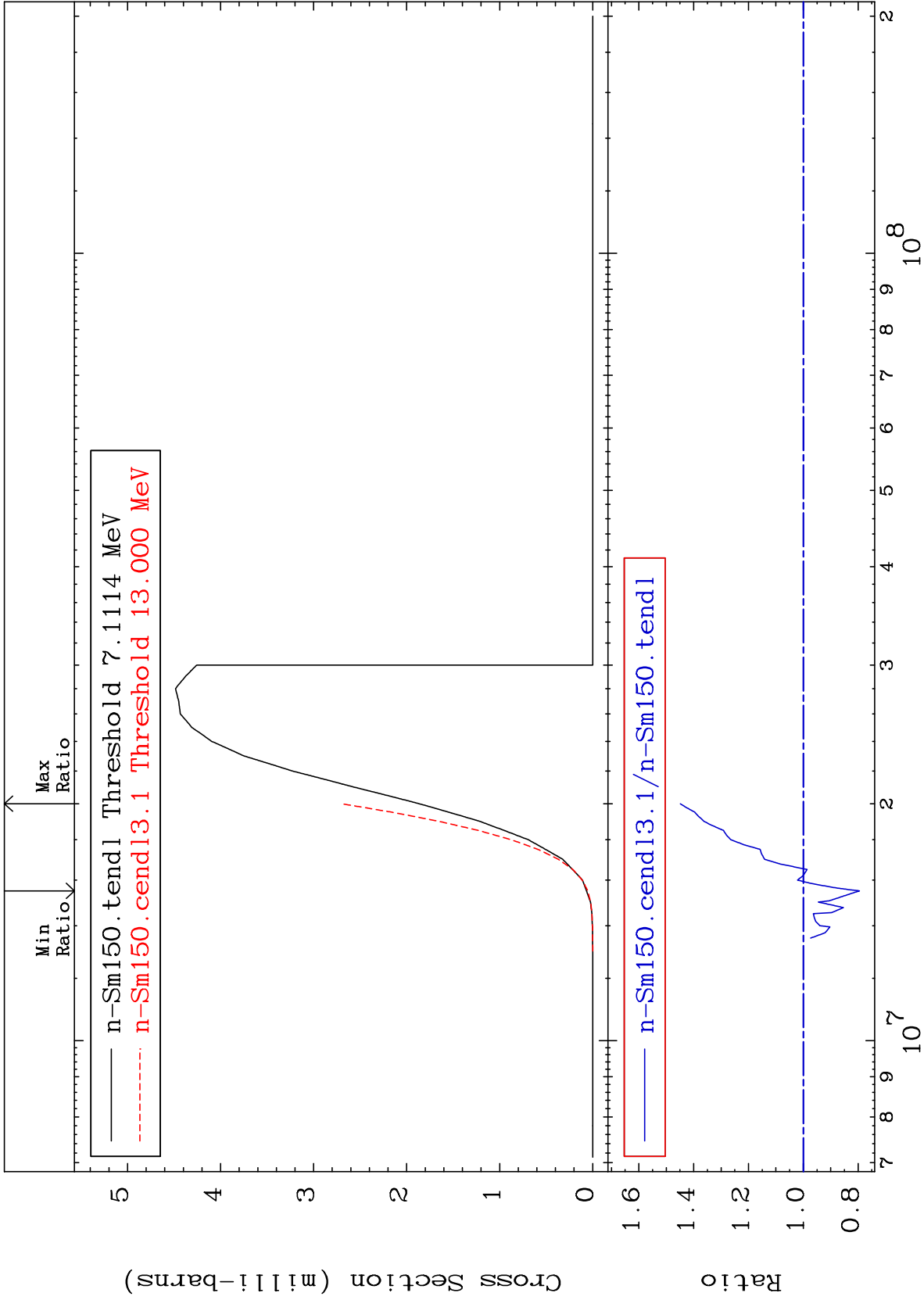
62-Sm-150  
-26.97 To 795.3 %



MAT 6243

(n, t)  
Cross Section

62-Sm-150  
-20.48 To 44.86 %



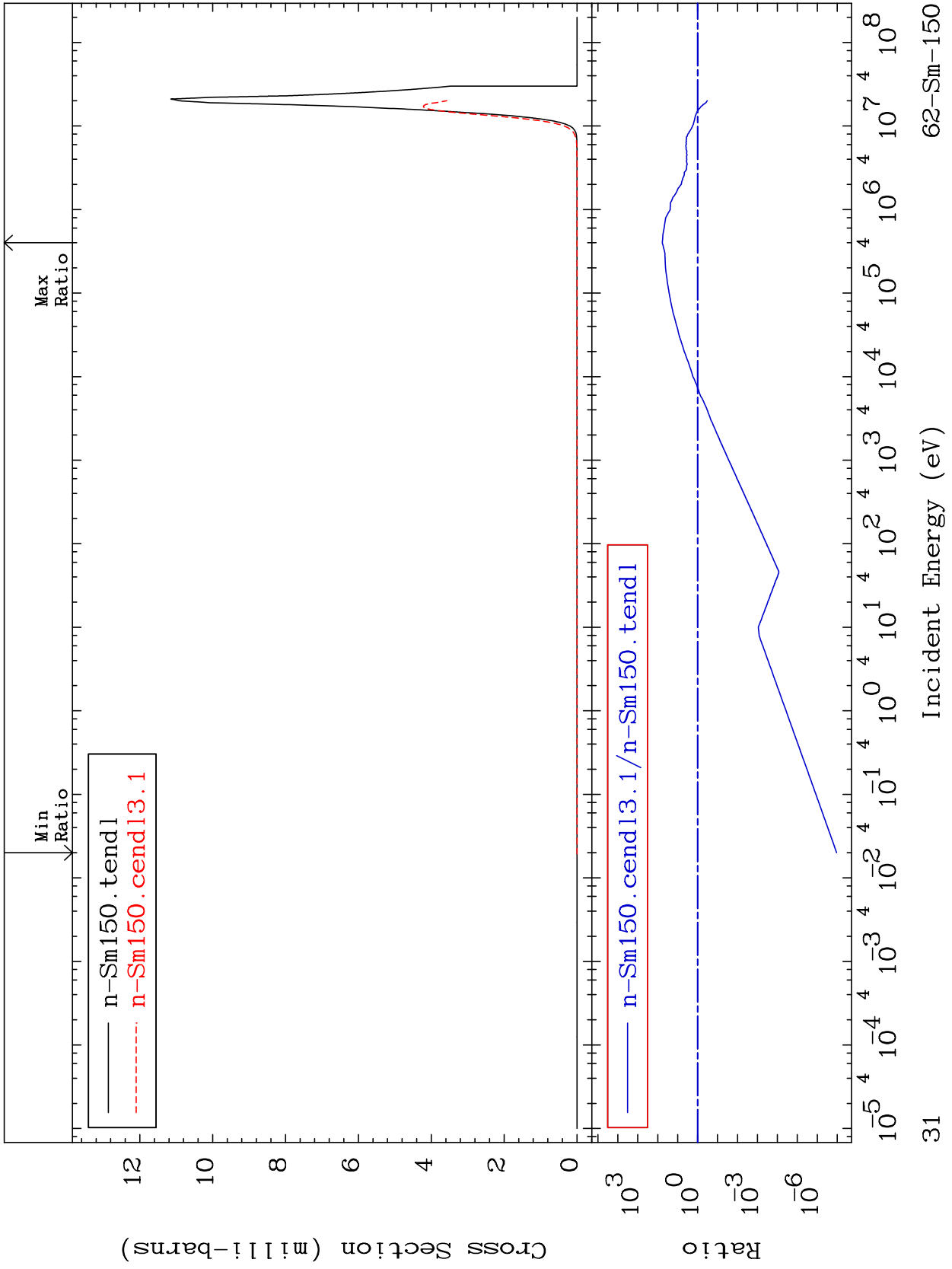
30

Incident Energy (eV)

62-Sm-150

MAT 6243

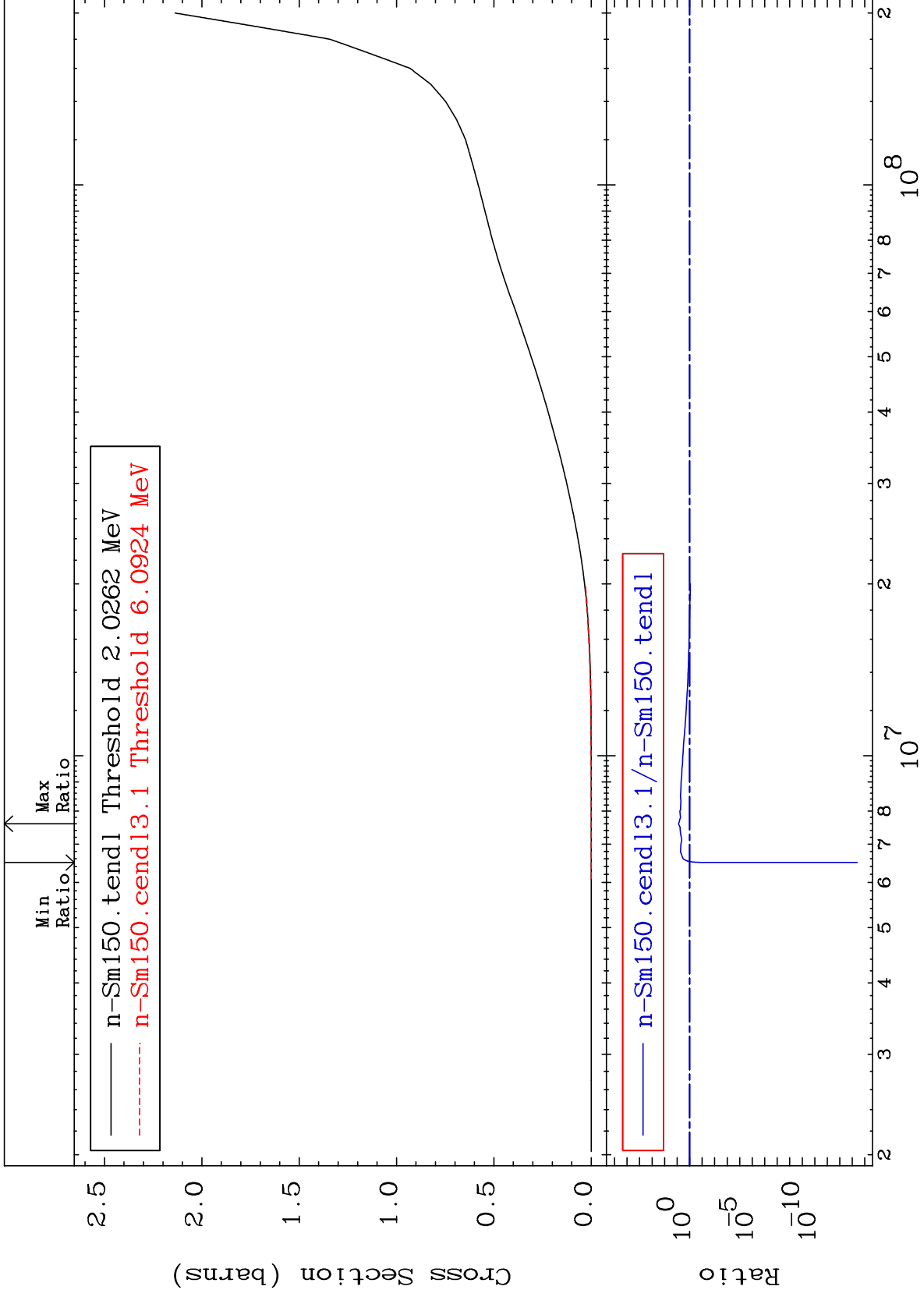
(n,  $\alpha$ )  
Cross Section  
62-Sm-150  
-100.0 To 5782. %



MAT 6243

Hydrogen Production  
Cross Section

62-Sm-150  
-100.0 To 657.8 %

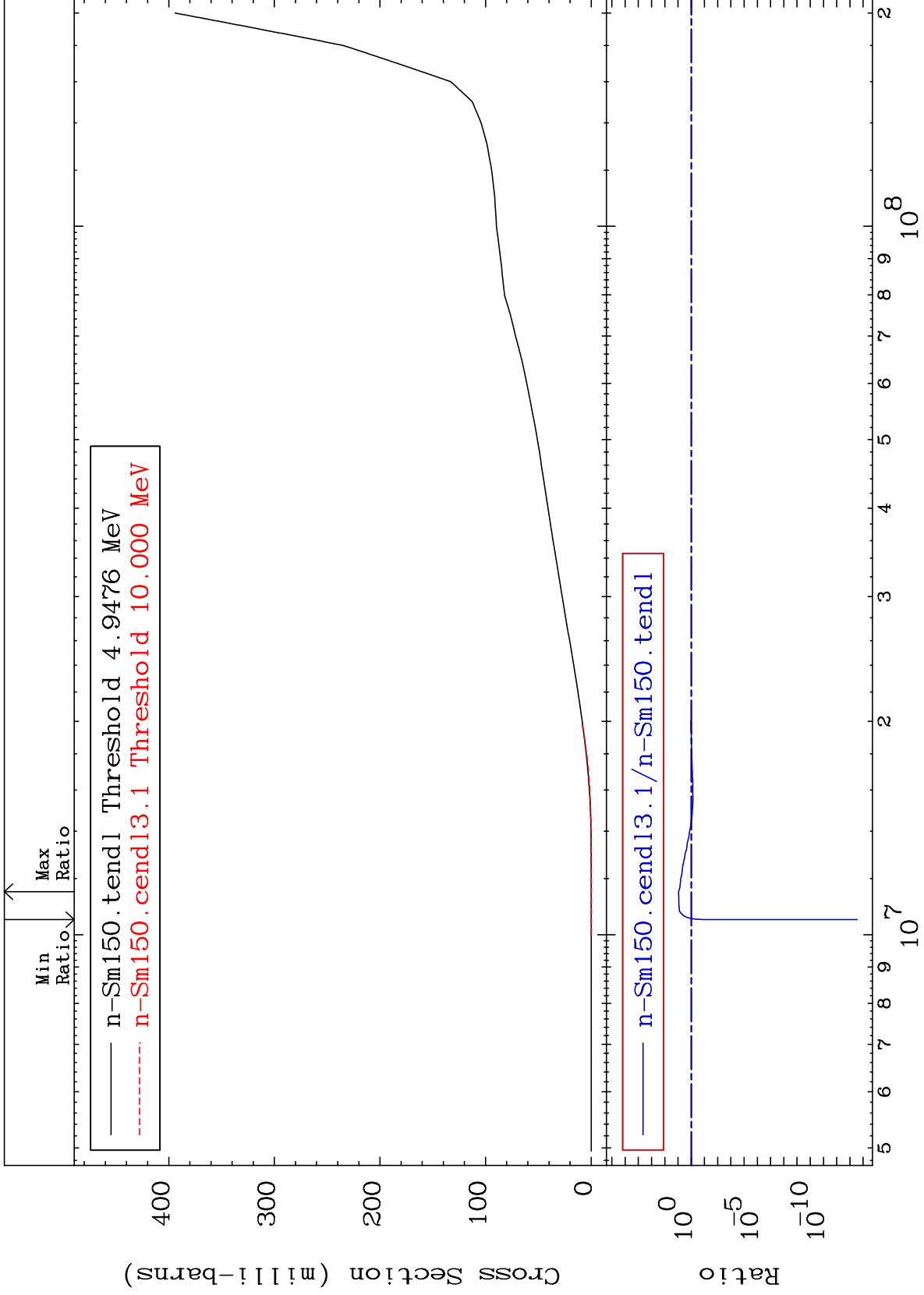




MAT 6243

Deuterium Production  
Cross Section

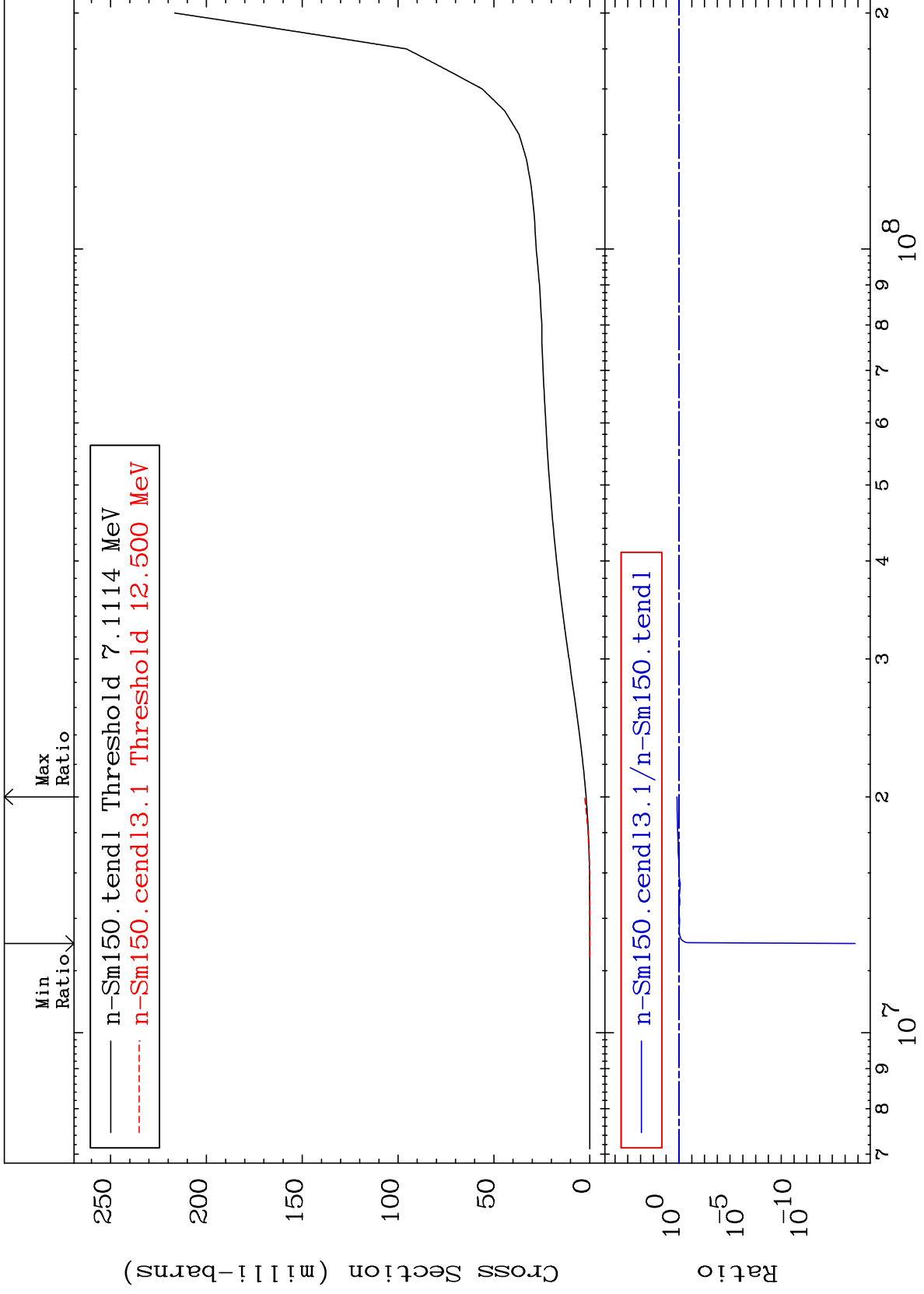
62-Sm-150  
-100.0 To 795.3 %



MAT 6243

Tritium Production  
Cross Section

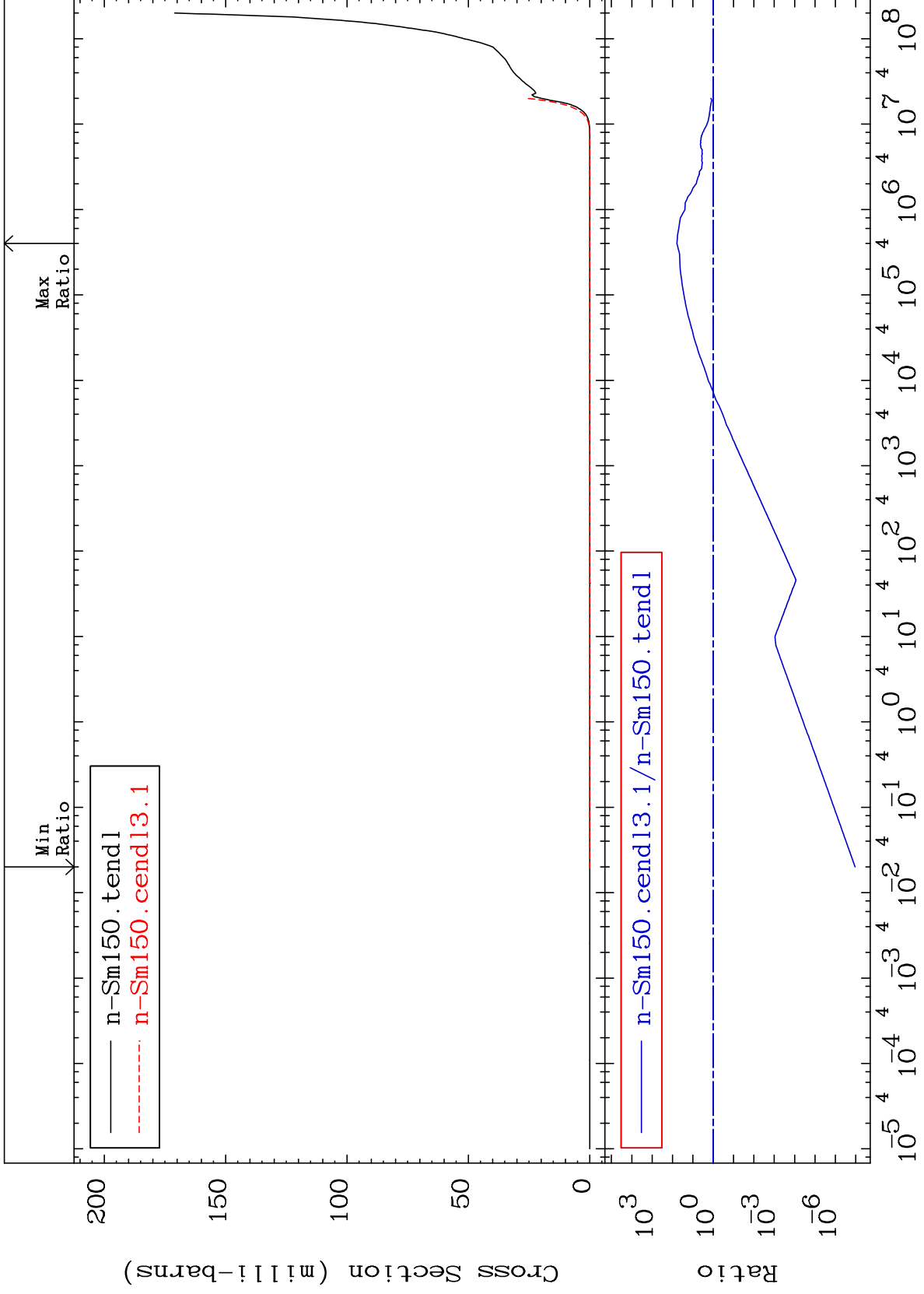
62-Sm-150  
-100.0 To 43.92 %

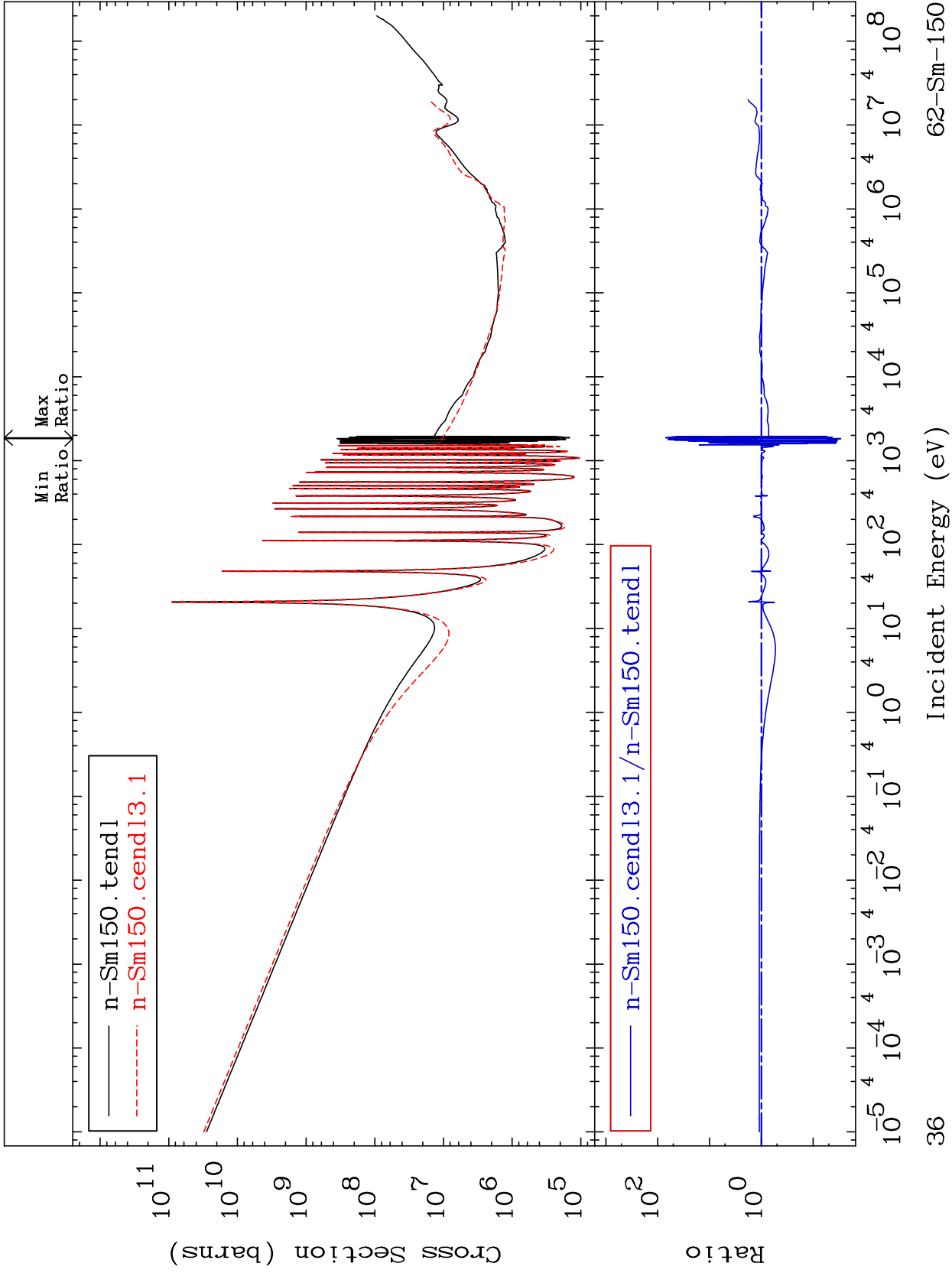


MAT 6243

He-4 Production  
Cross Section

62-Sm-150  
-100.0 To 5947. %

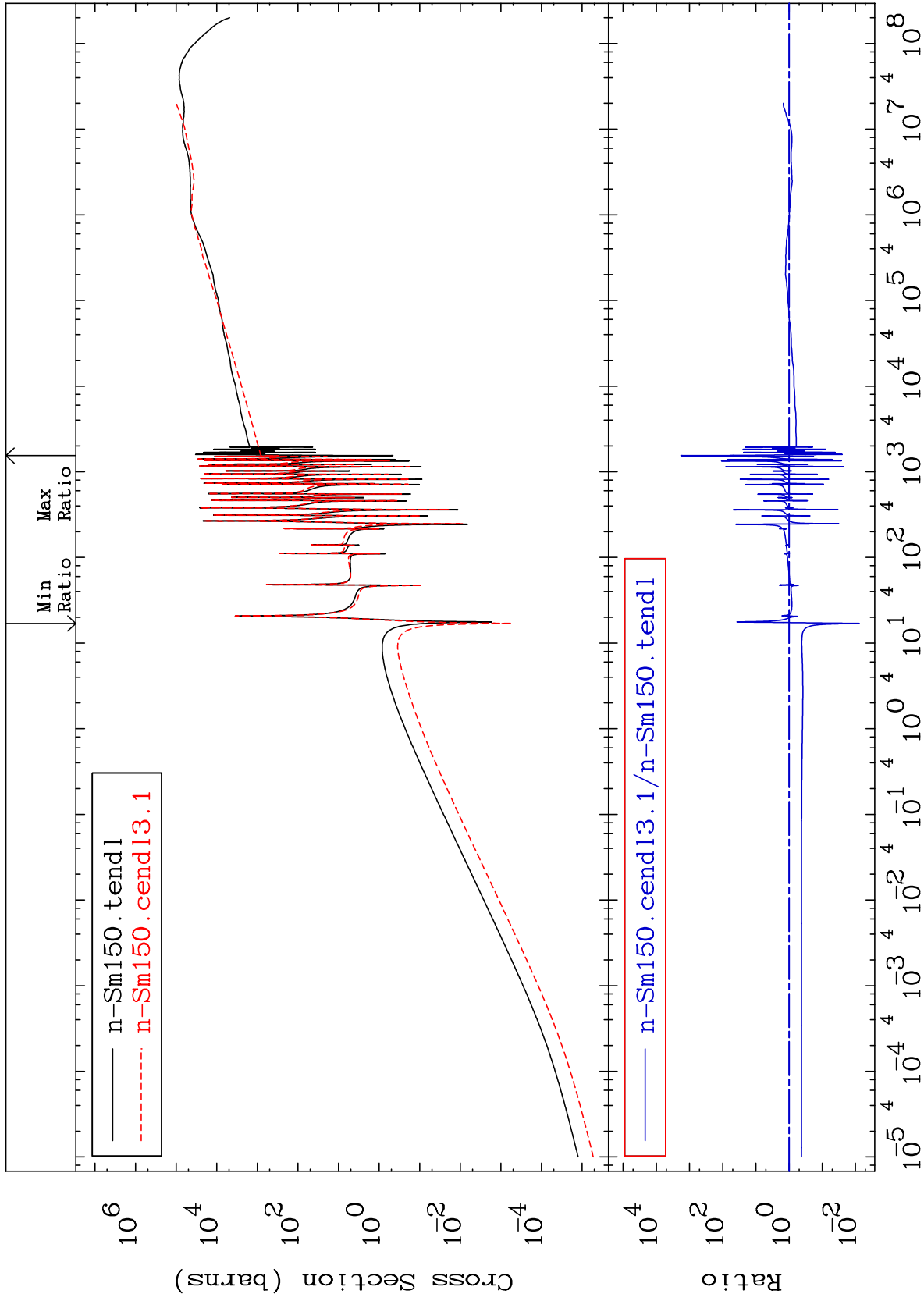




MAT 6243

Kerma elastic  
Cross Section

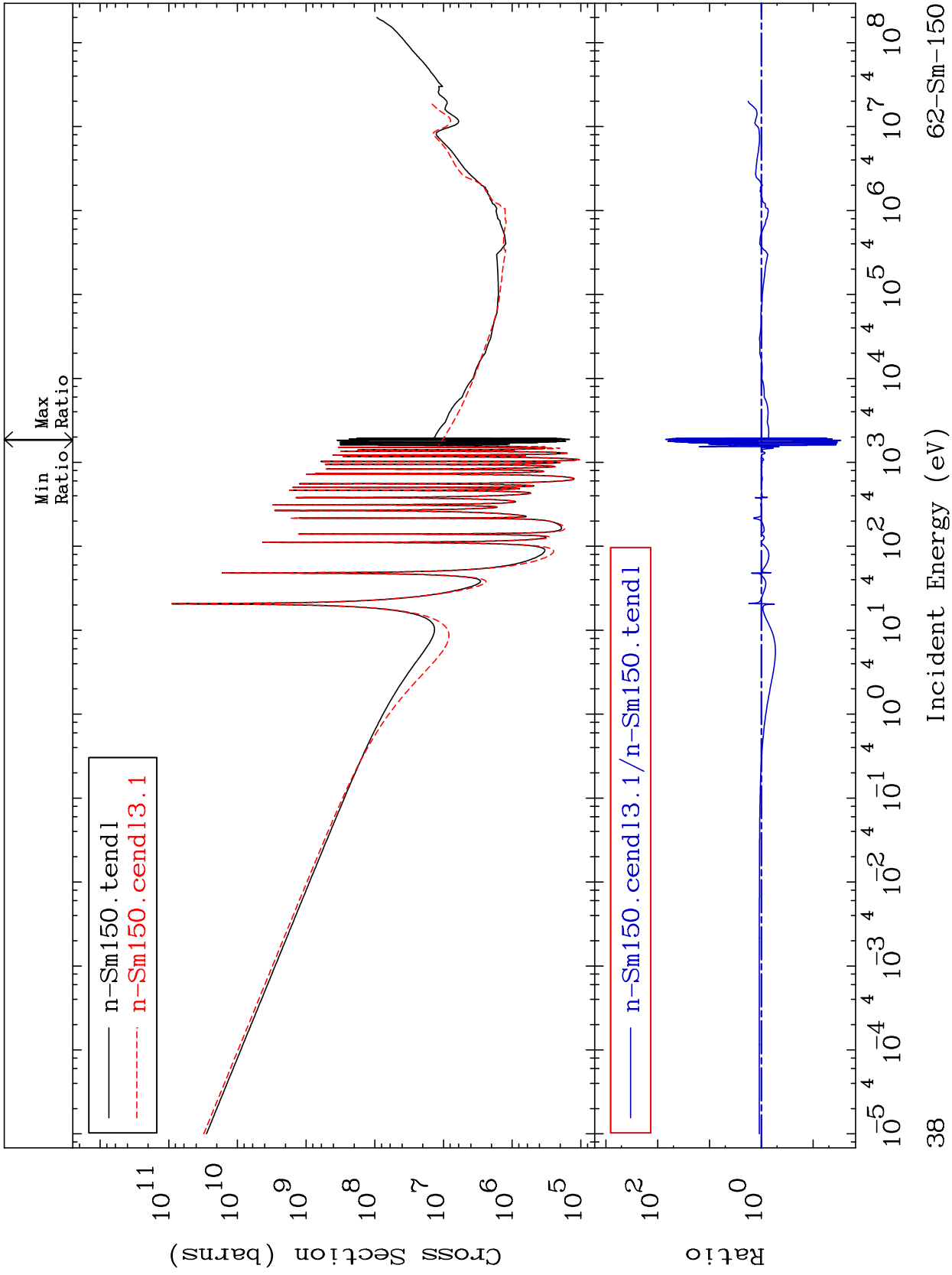
62-Sm-150  
-99.25 To 9999. %



MAT 6243

Kerma non-elastic (all but mt2)  
Cross Section

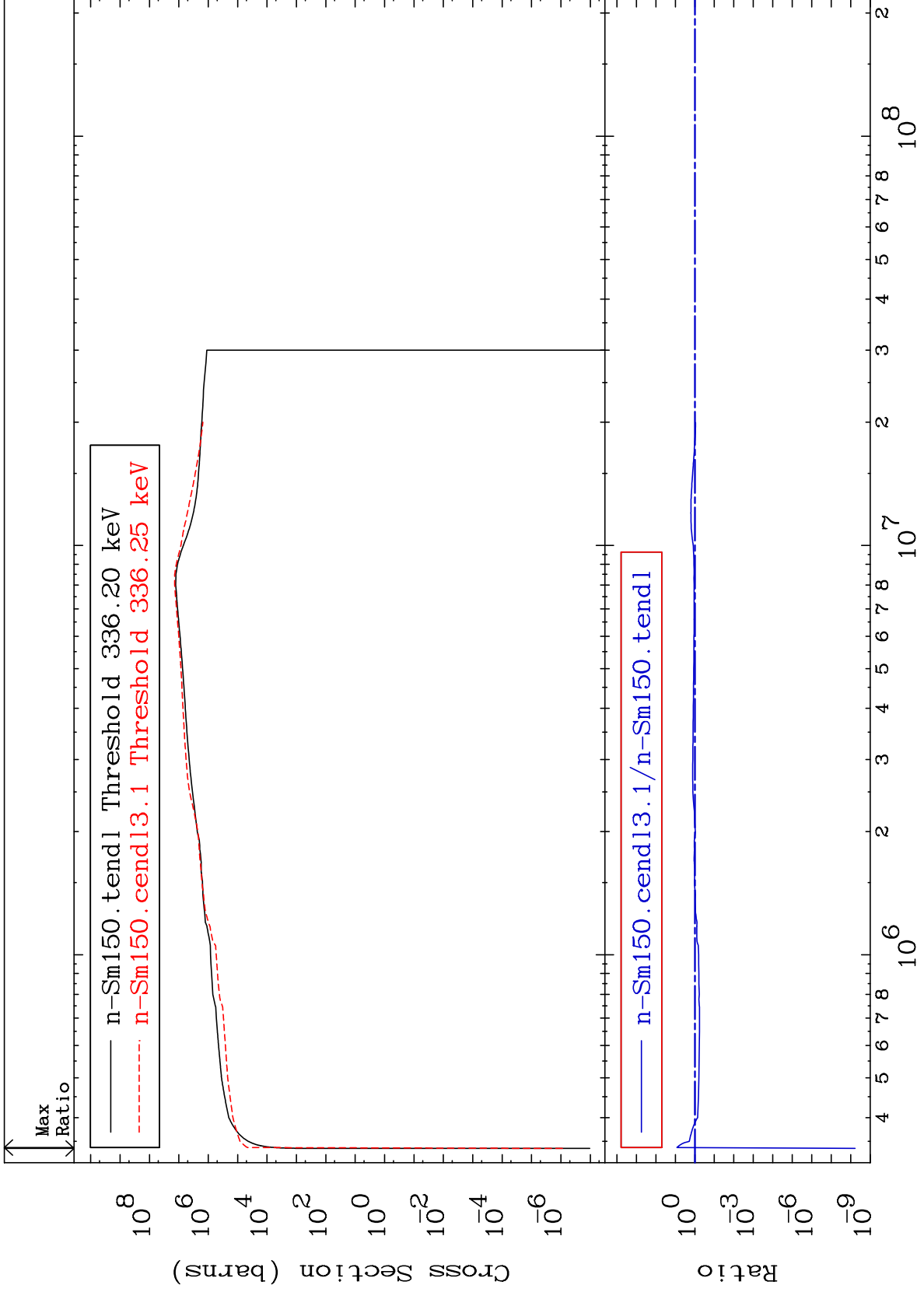
62-Sm-150  
-97.05 To 6977. %



MAT 6243

Kerma inelastic (mt51-91)  
Cross Section

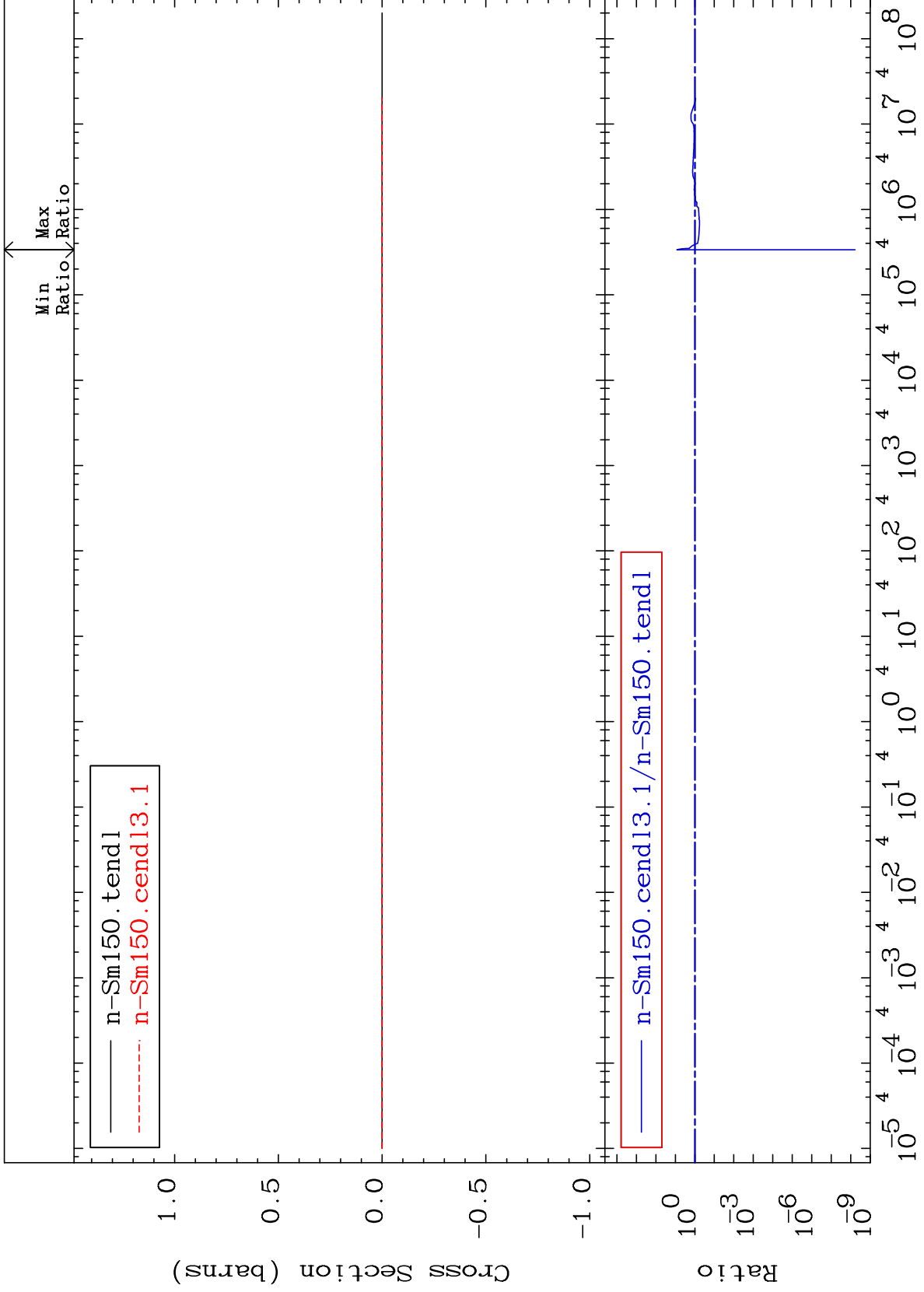
62-Sm-150  
-100.0 To 730.1 %



MAT 6243

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

62-Sm-150  
-100.0 To 730.1 %



40

Incident Energy (eV)

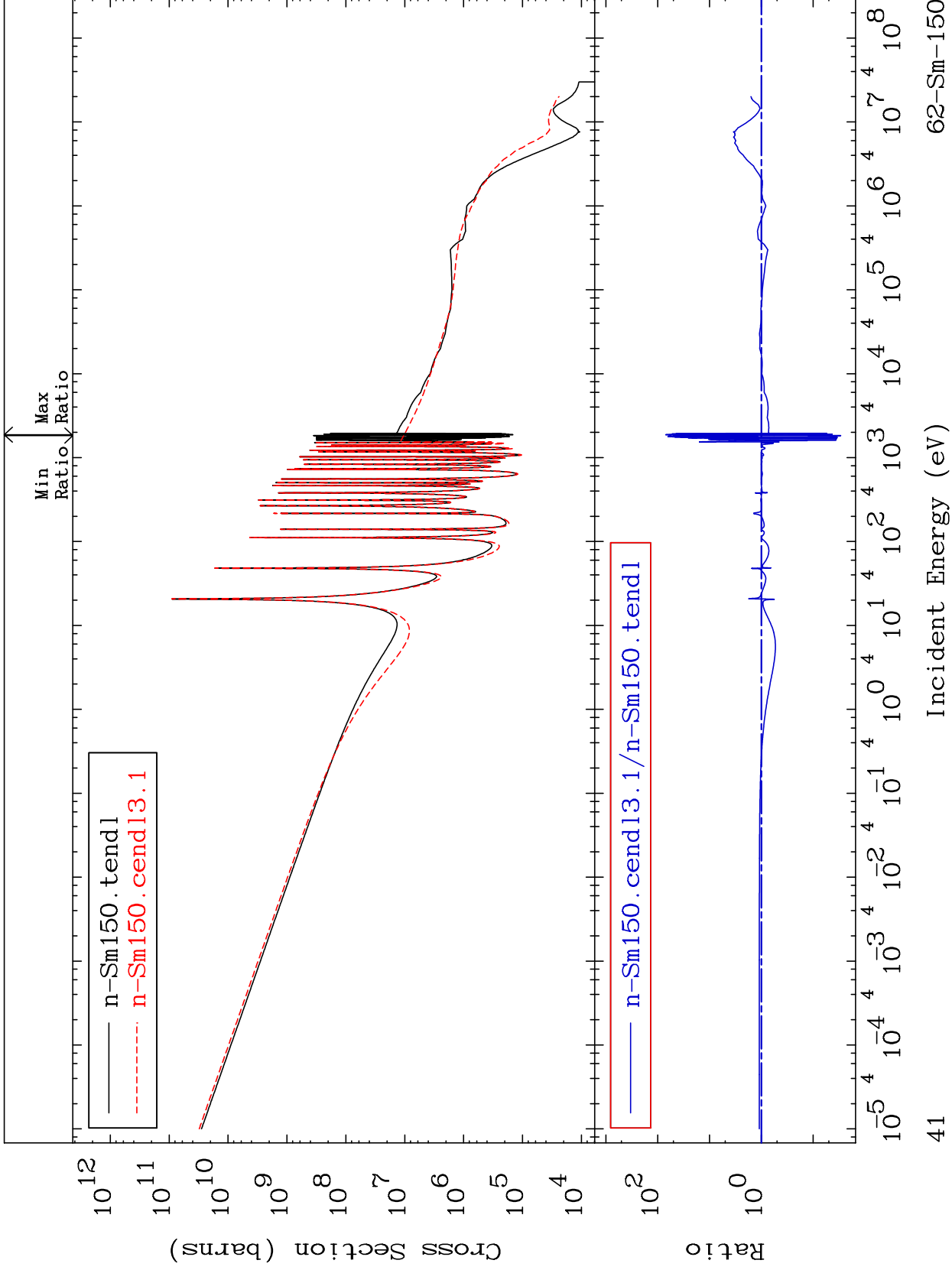
62-Sm-150



MAT 6243

Kerma capture (mt102)  
Cross Section

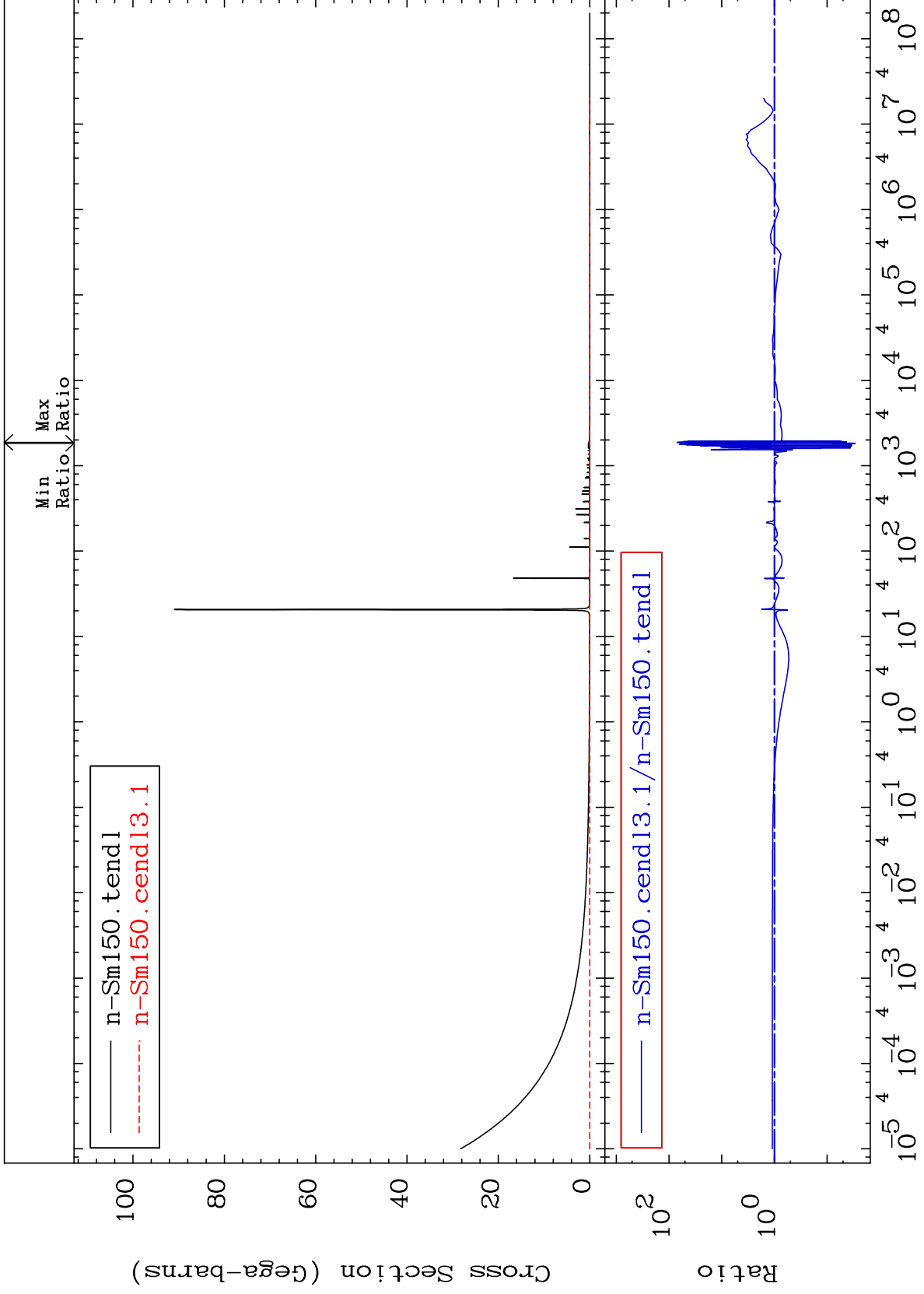
62-Sm-150  
-97.05 To 6977. %



MAT 6243

Total photon (eV-barns)  
Cross Section

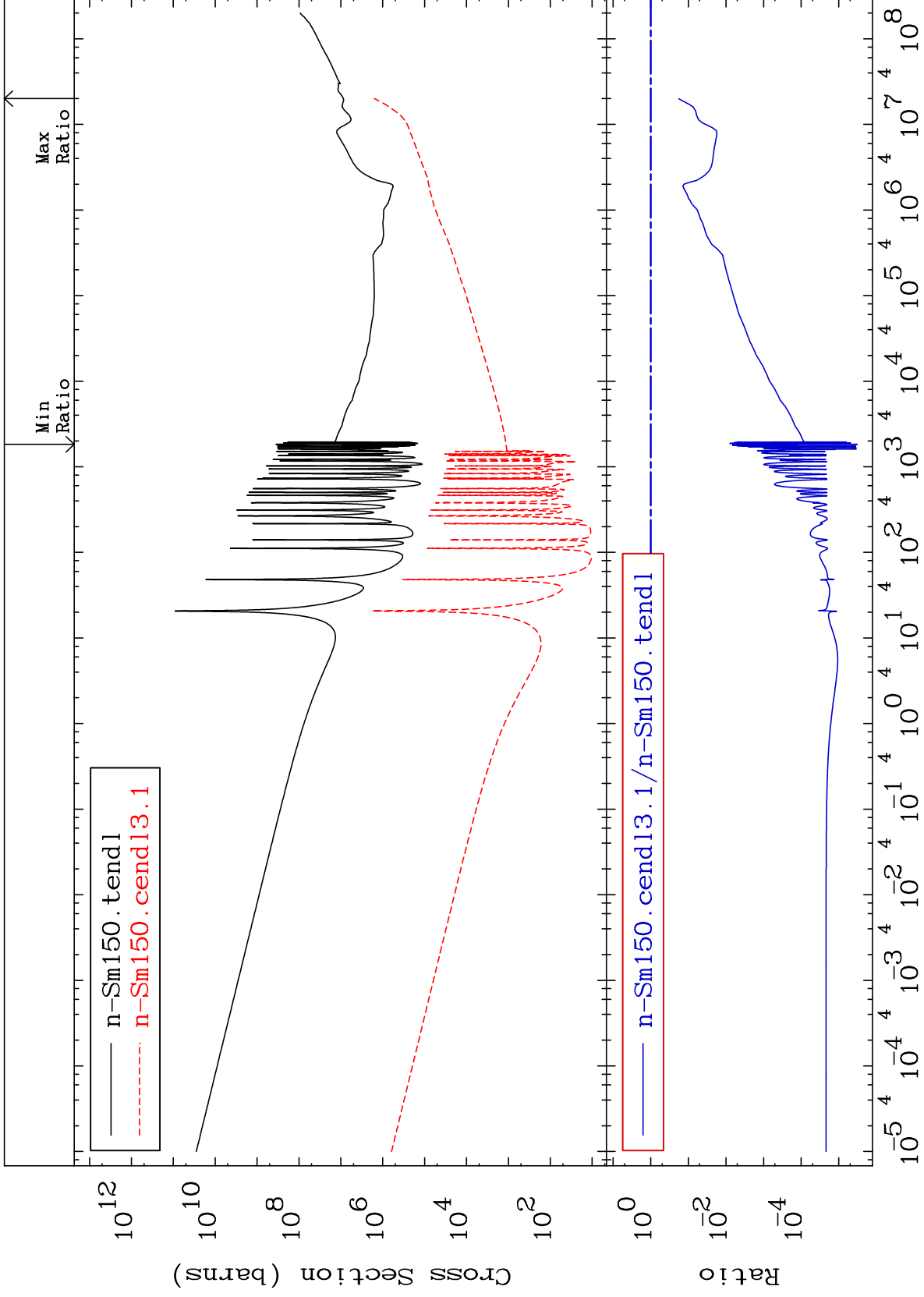
62-Sm-150  
-97.05 To 6977. %



42

Incident Energy (eV)

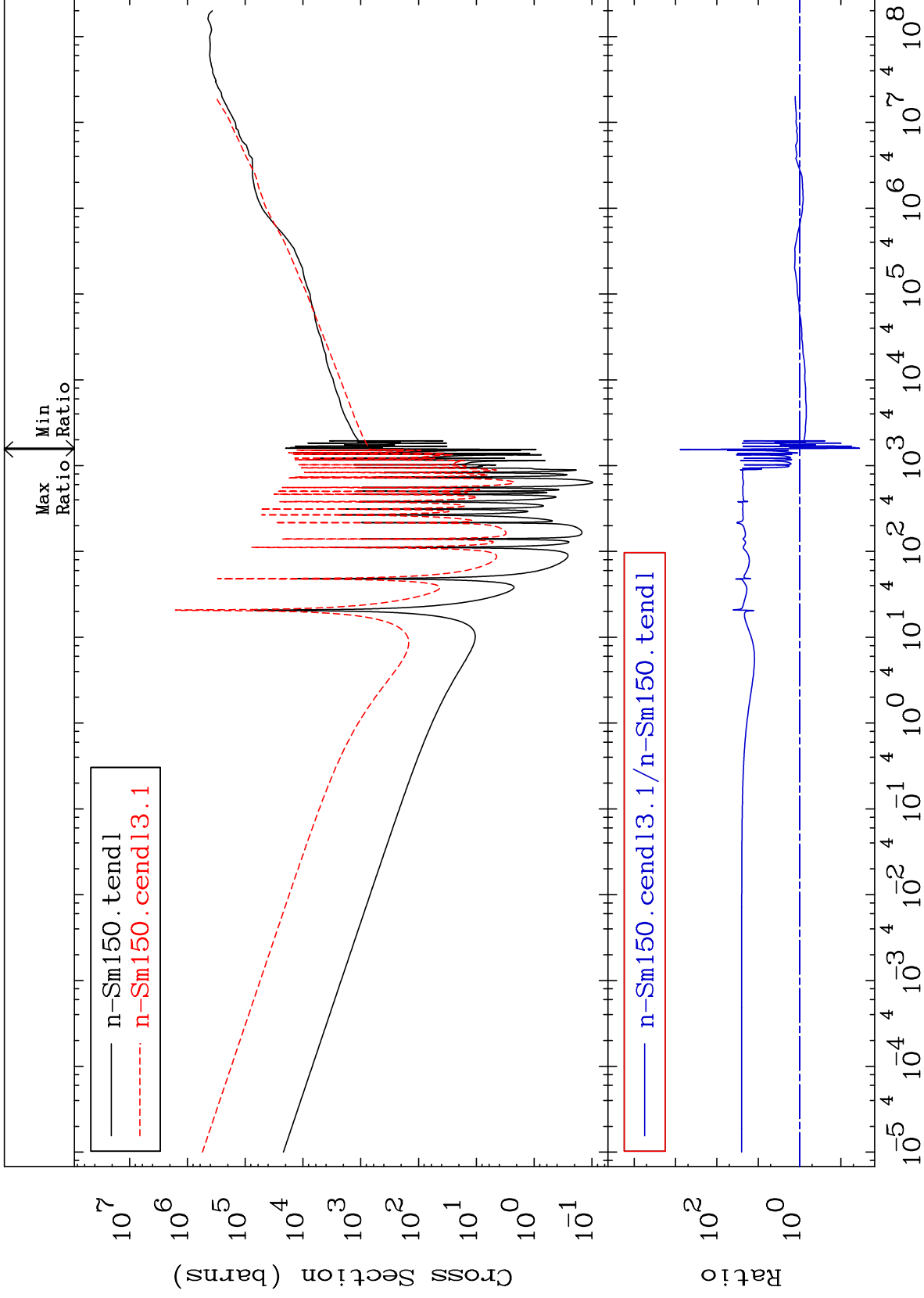
62-Sm-150



MAT 6243

Dpa total (eV-barns)  
Cross Section

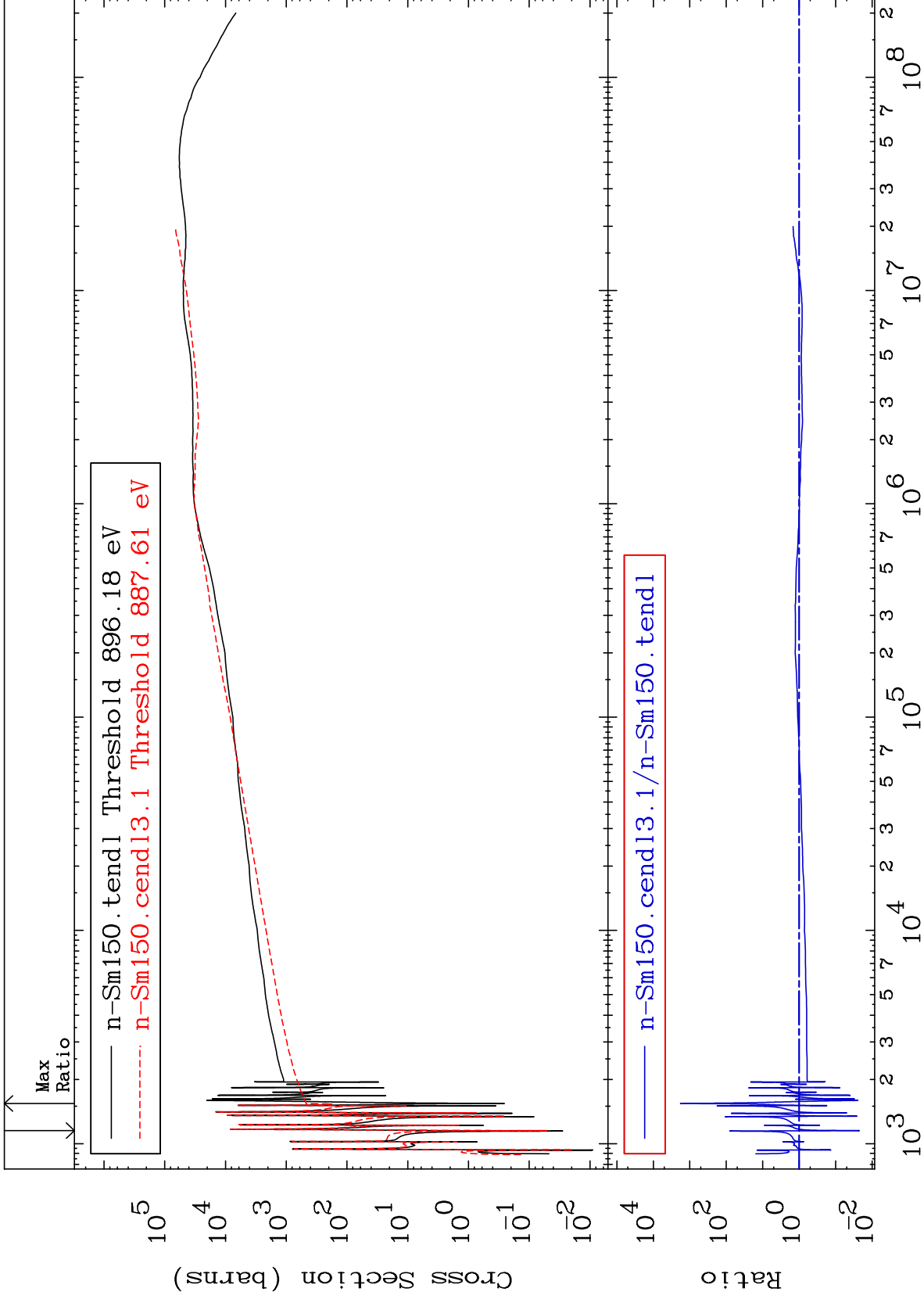
62-Sm-150  
-96.43 To 9999. %



MAT 6243

Dpa elastic (mt2)  
Cross Section

62-Sm-150  
-97.77 To 9999. %



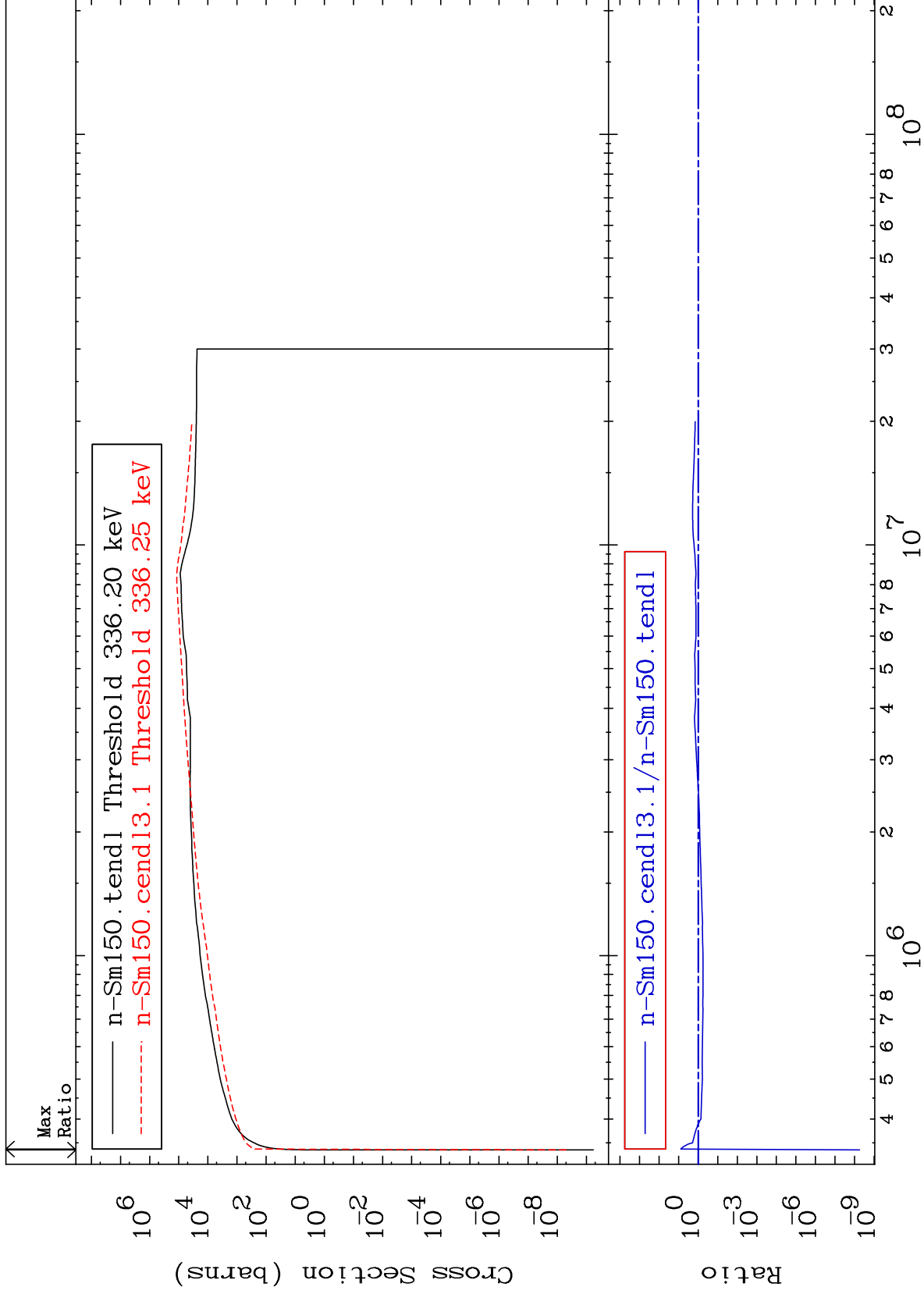
45

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  
-24.84 To 9999. %

