

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

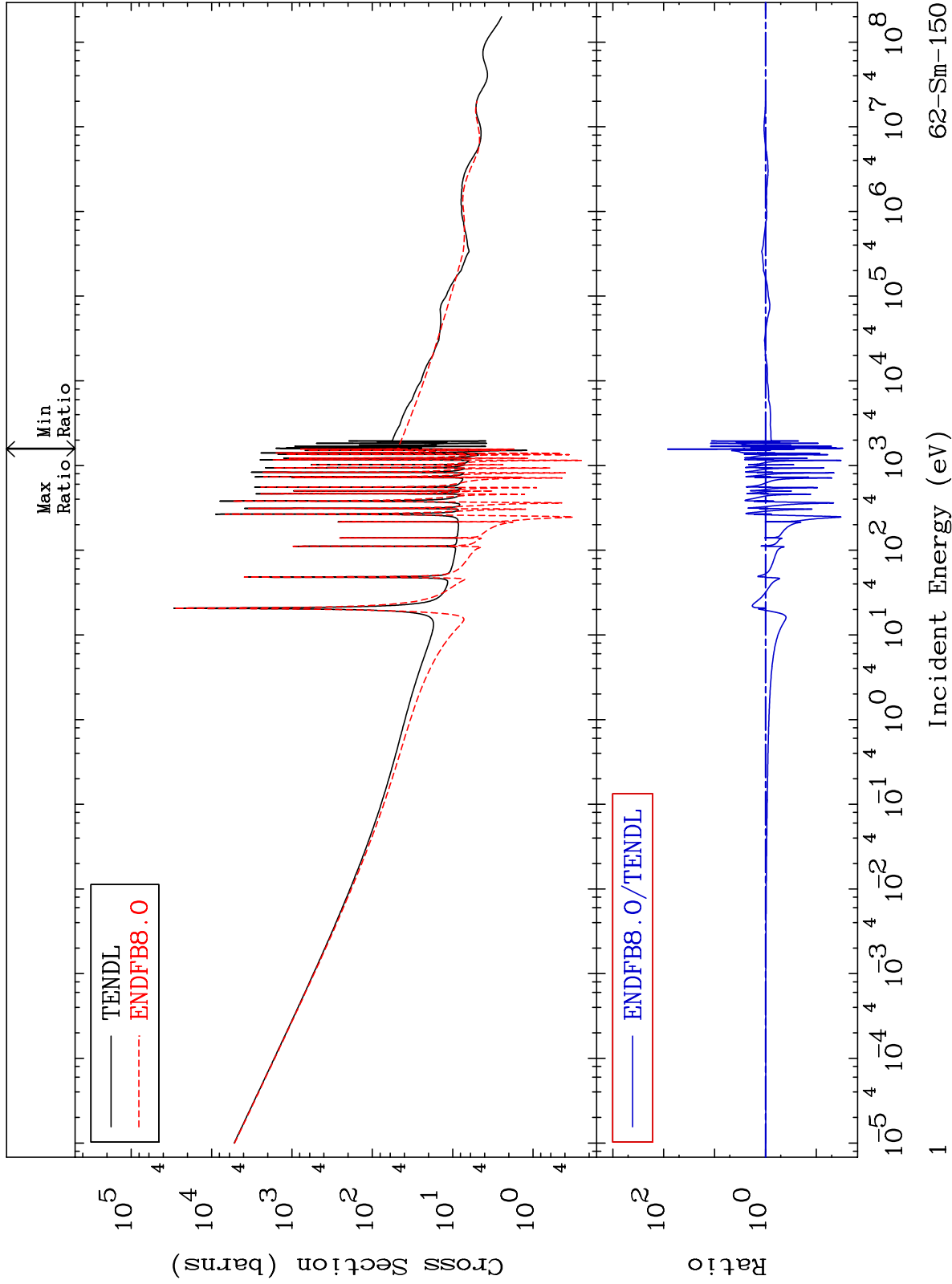
MAT 6243

Total

62-Sm-150

-96.96 To 8290. %

Cross Section



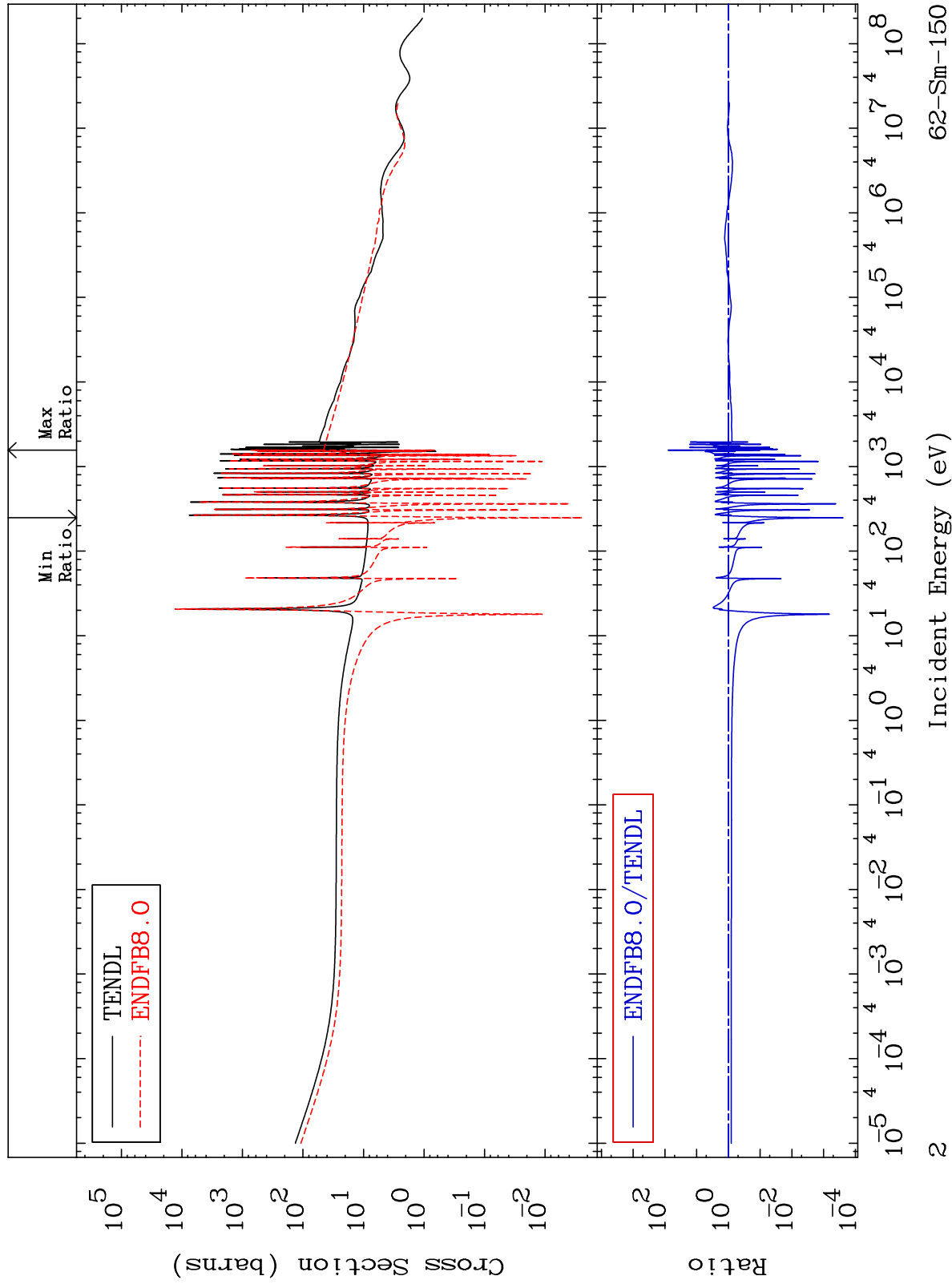
Incident Energy (eV)

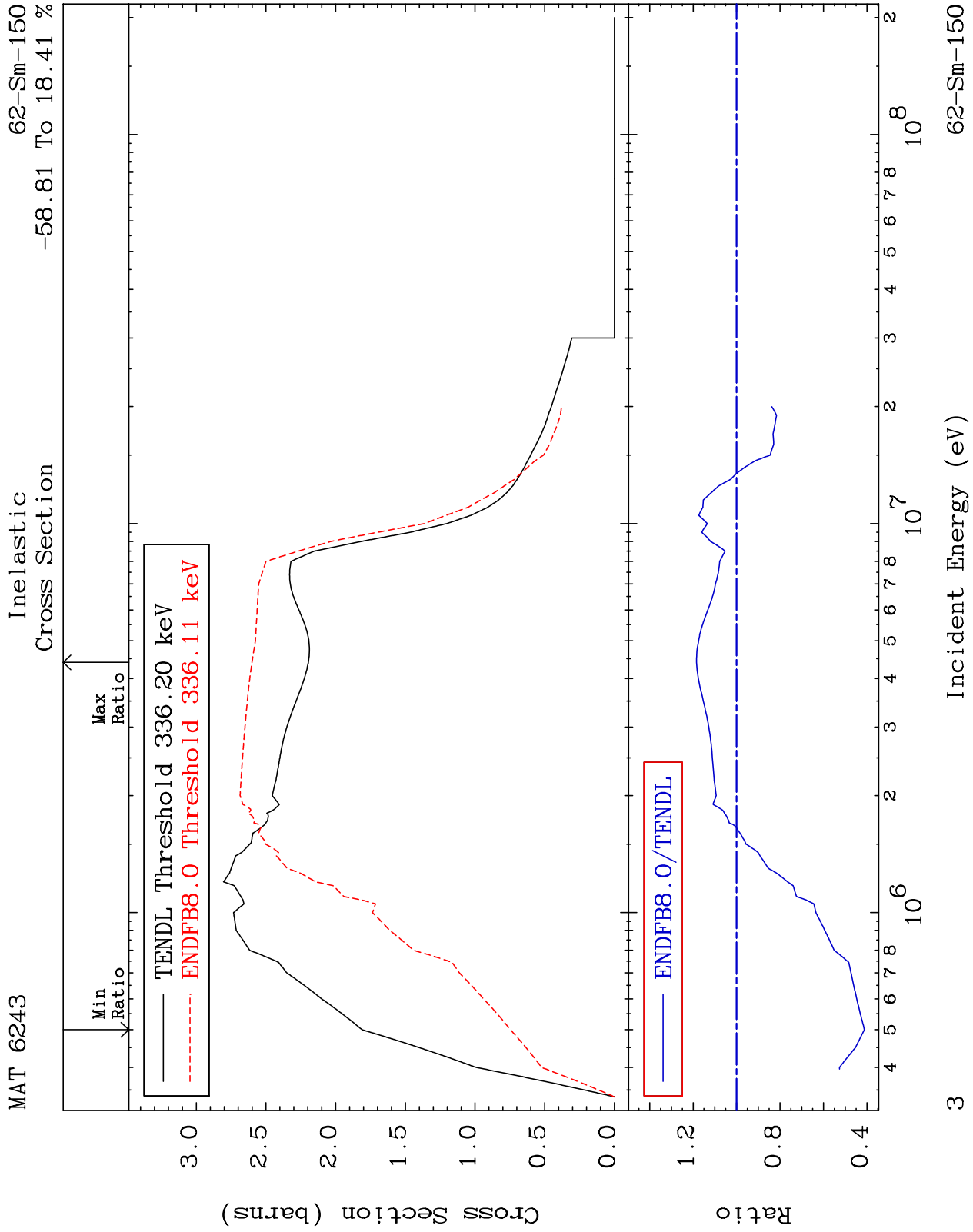
62-Sm-150

MAT 6243

Elastic
Cross Section

62-Sm-150
-99.98 To 7901. %





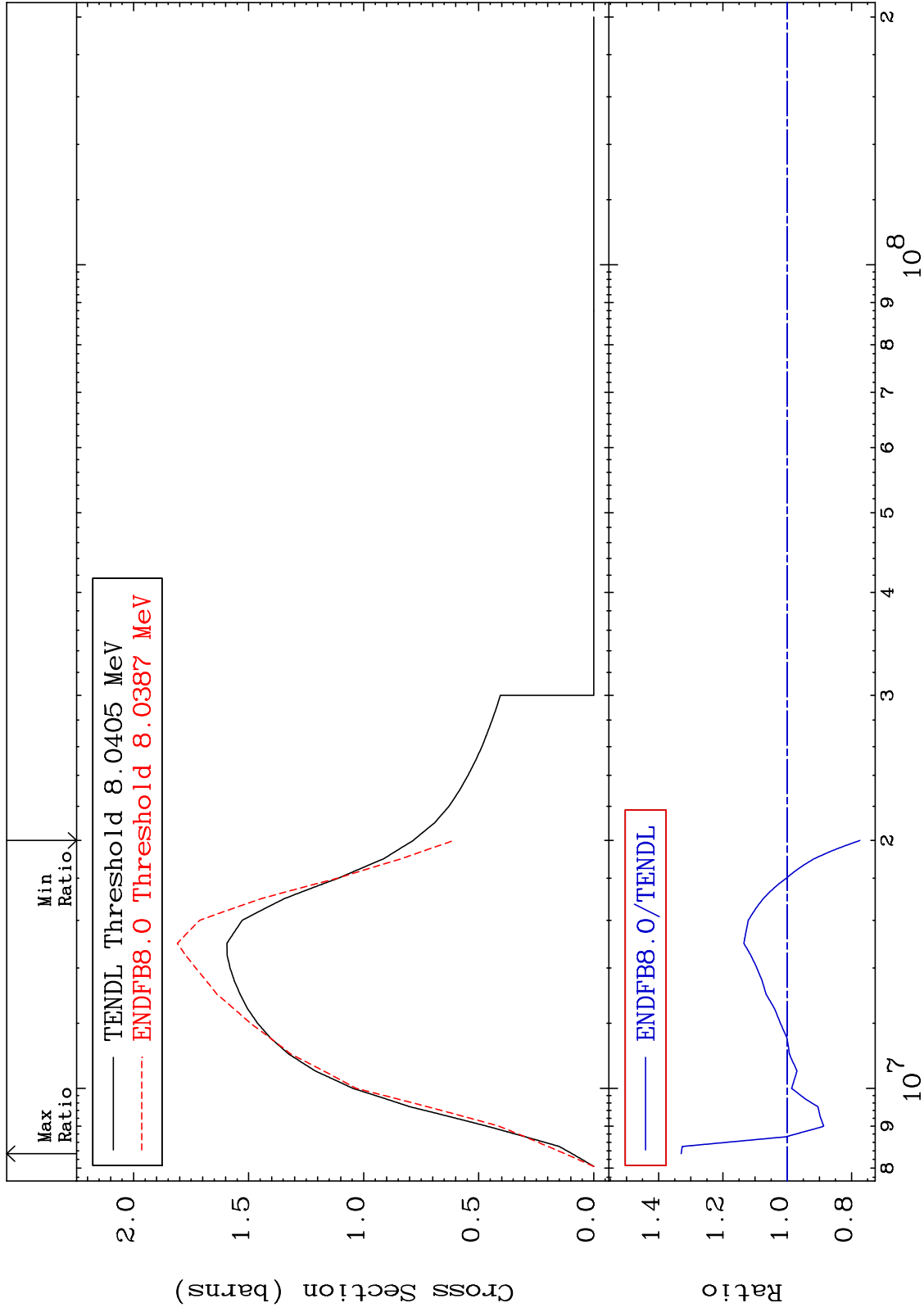
MAT 6243

(n,2n)

62-Sm-150

Cross Section

-22.62 To 32.98 %



4

Incident Energy (eV)

62-Sm-150

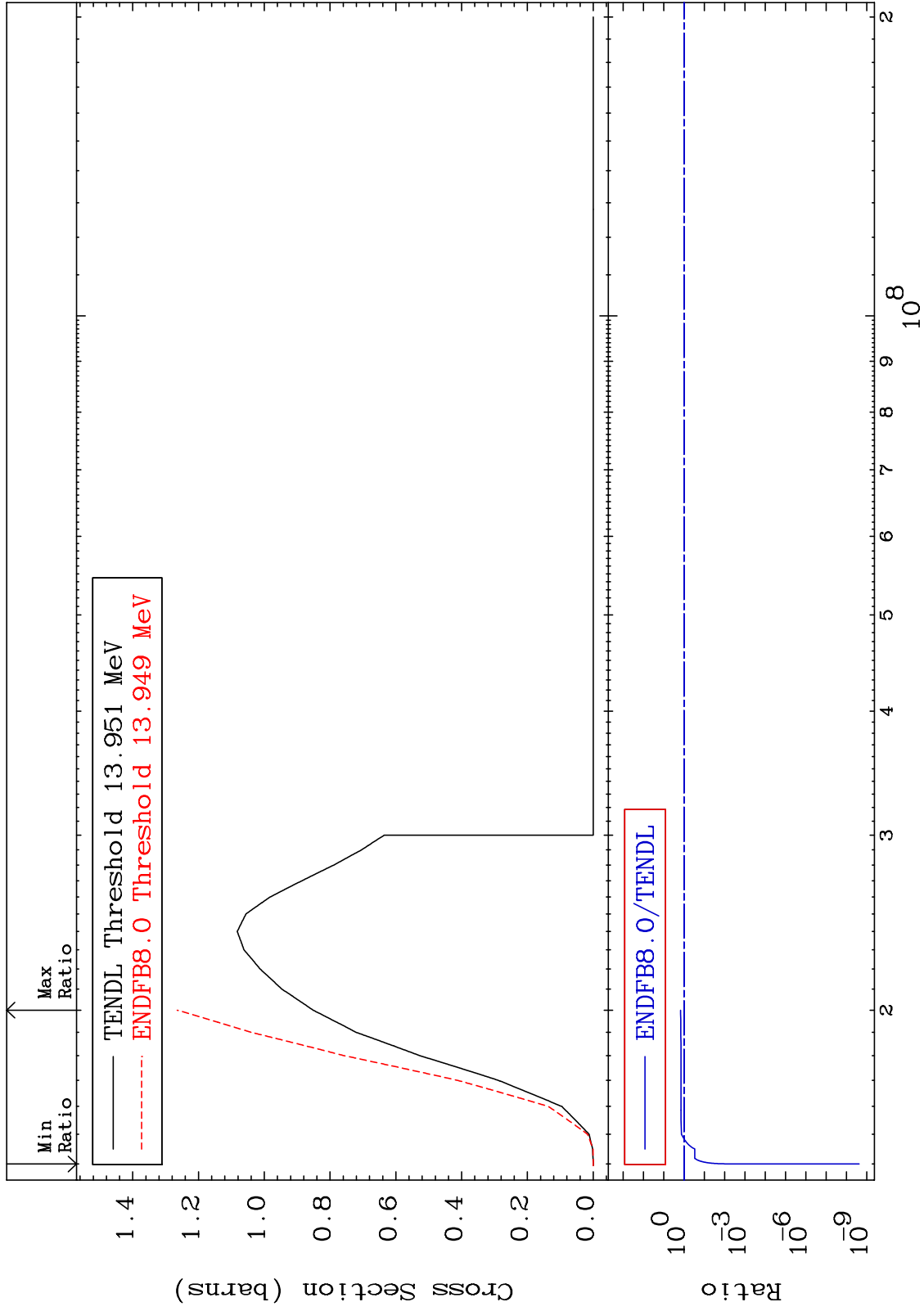
MAT 6243

(n,3n)

62-Sm-150

Cross Section

-100.0 To 48.51 %



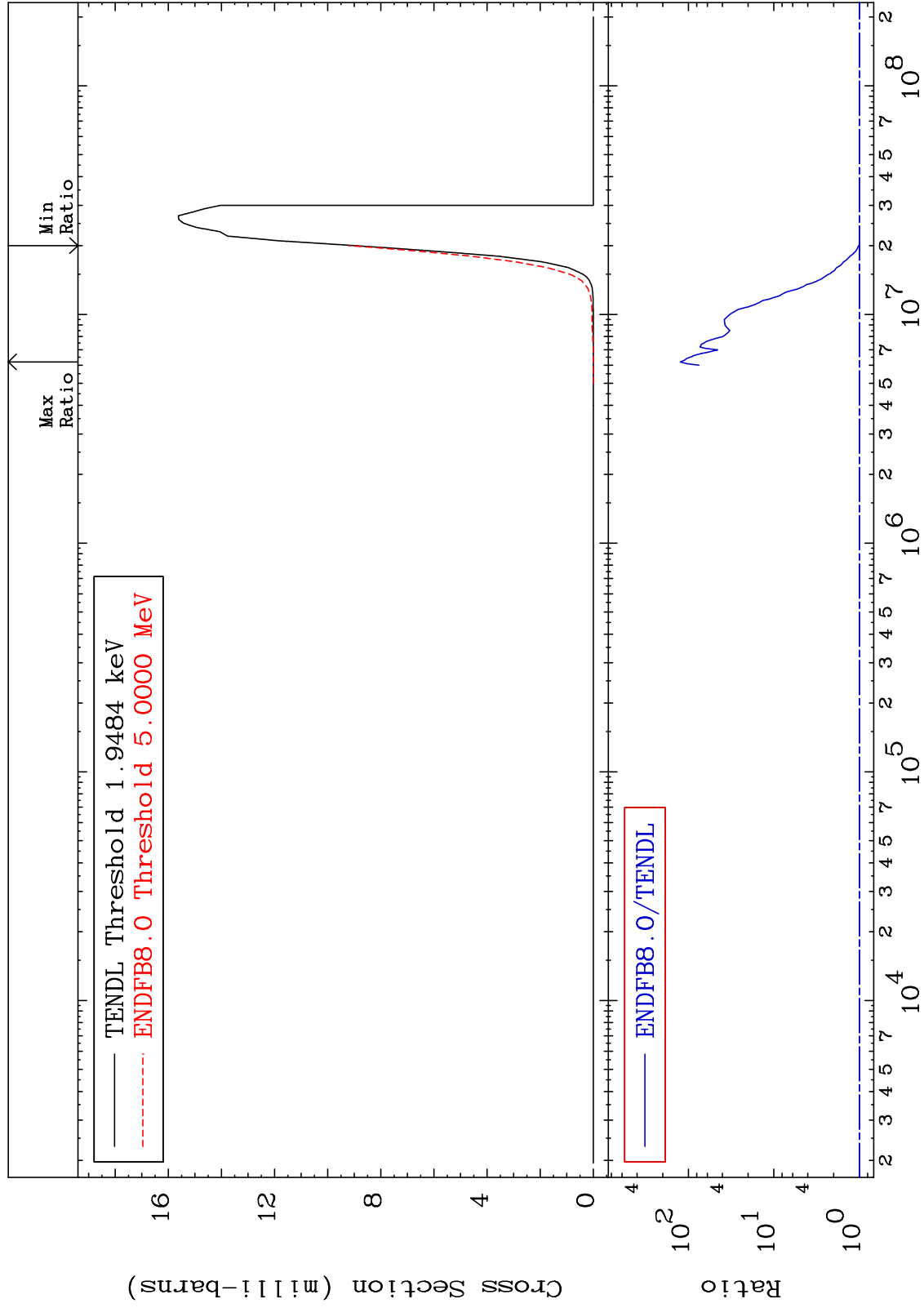
MAT 6243

(n,n') α

Cross Section

62-Sm-150

2.034 To 9999. %



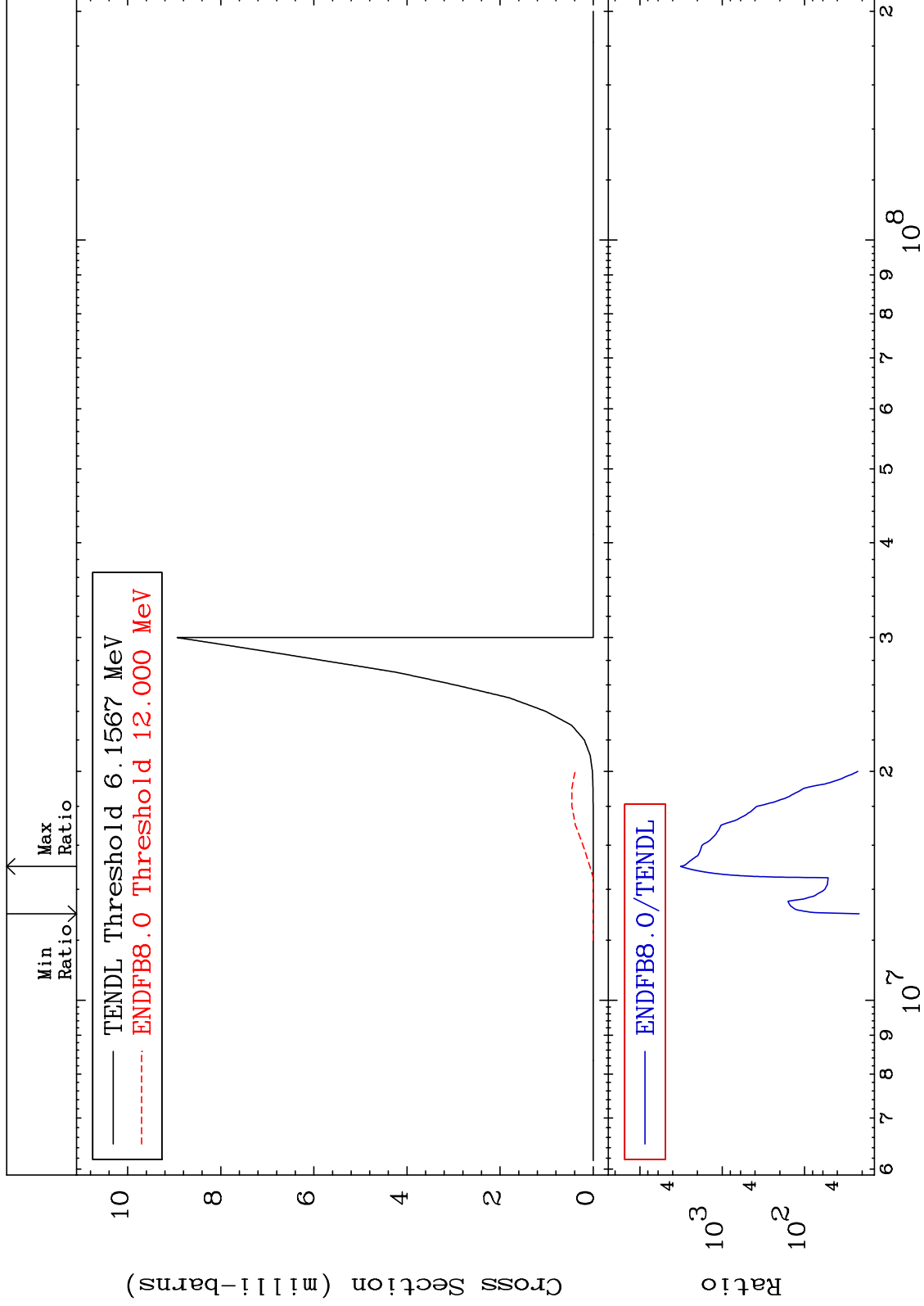
MAT 6243

(n,2n) α

62-Sm-150

Cross Section

2076. To 9999. %



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Incident Energy (eV)

62-Sm-150

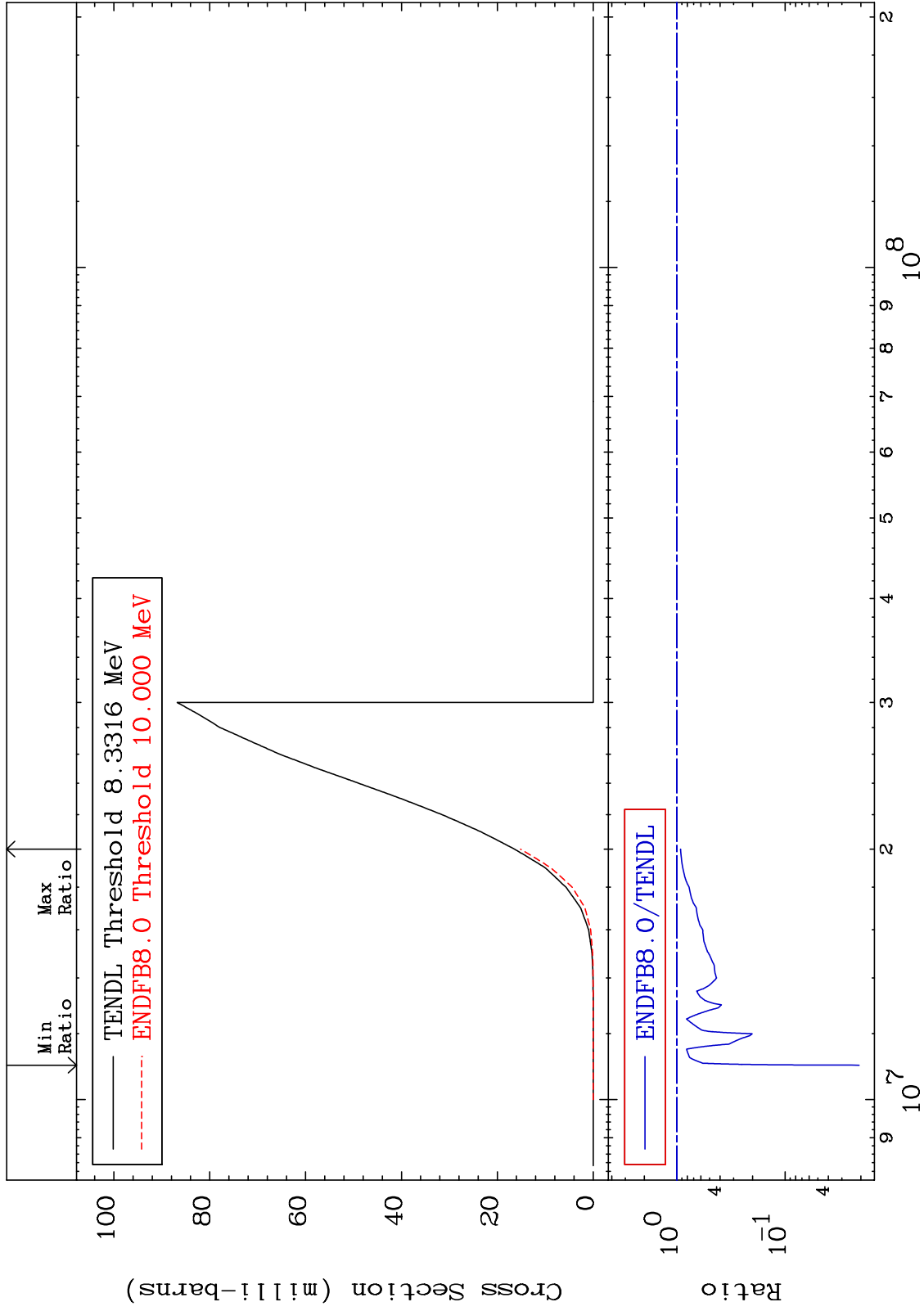
MAT 6243

(n,n') p

62-Sm-150

Cross Section

-97.93 To -7.631%



8

Incident Energy (eV)

62-Sm-150

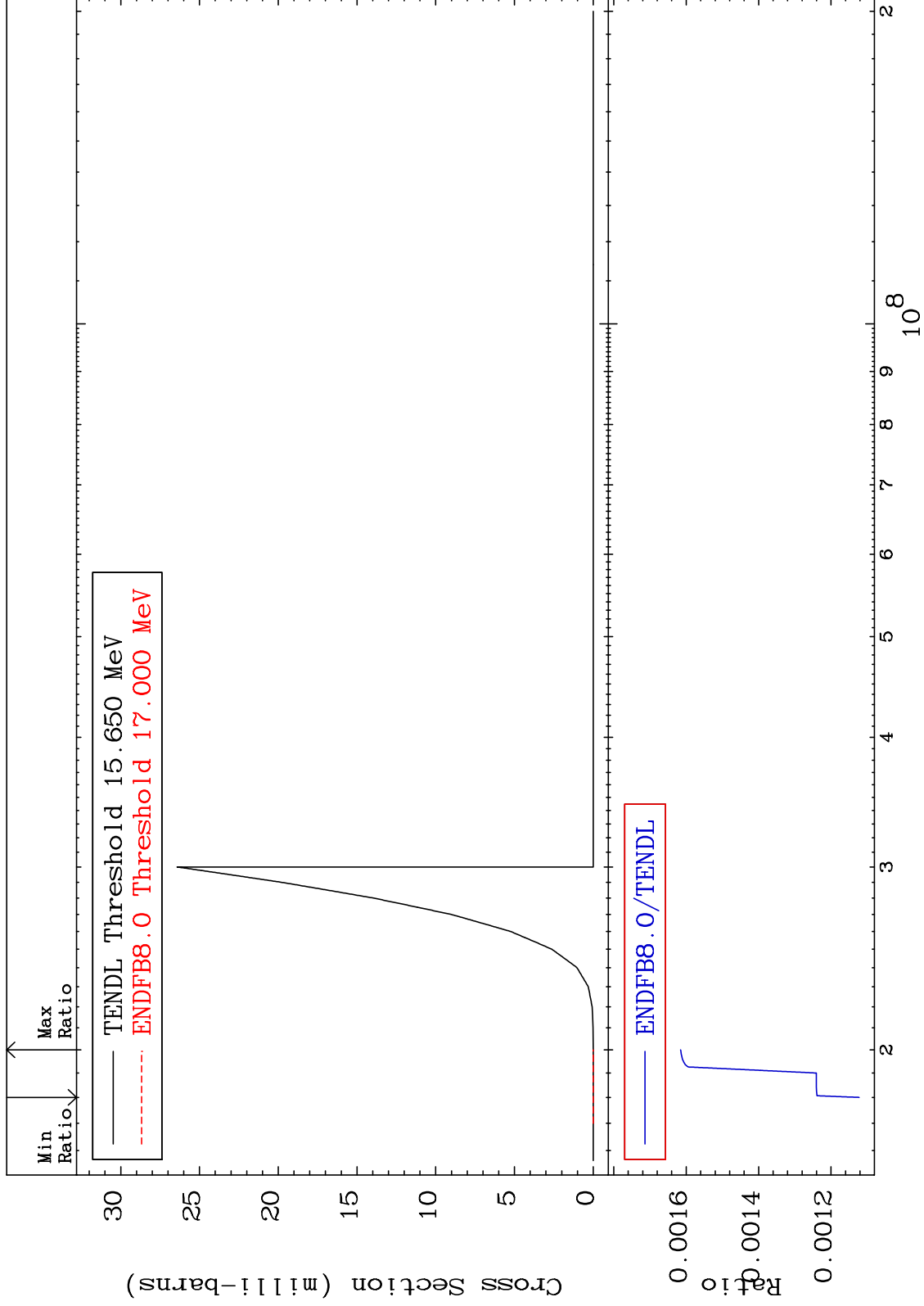
MAT 6243

(n,2n) p

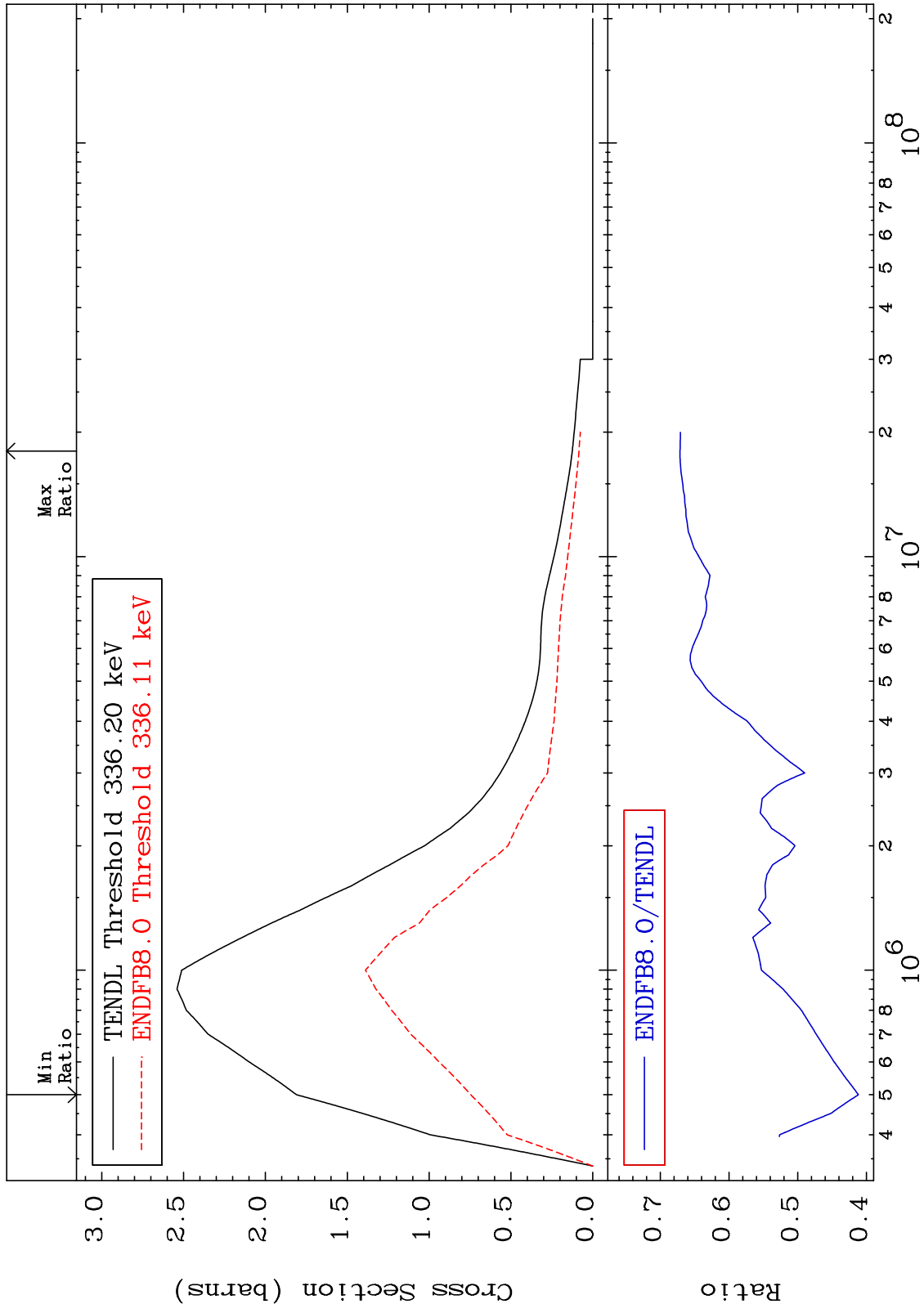
62-Sm-150

Cross Section

-99.89 To -99.84%

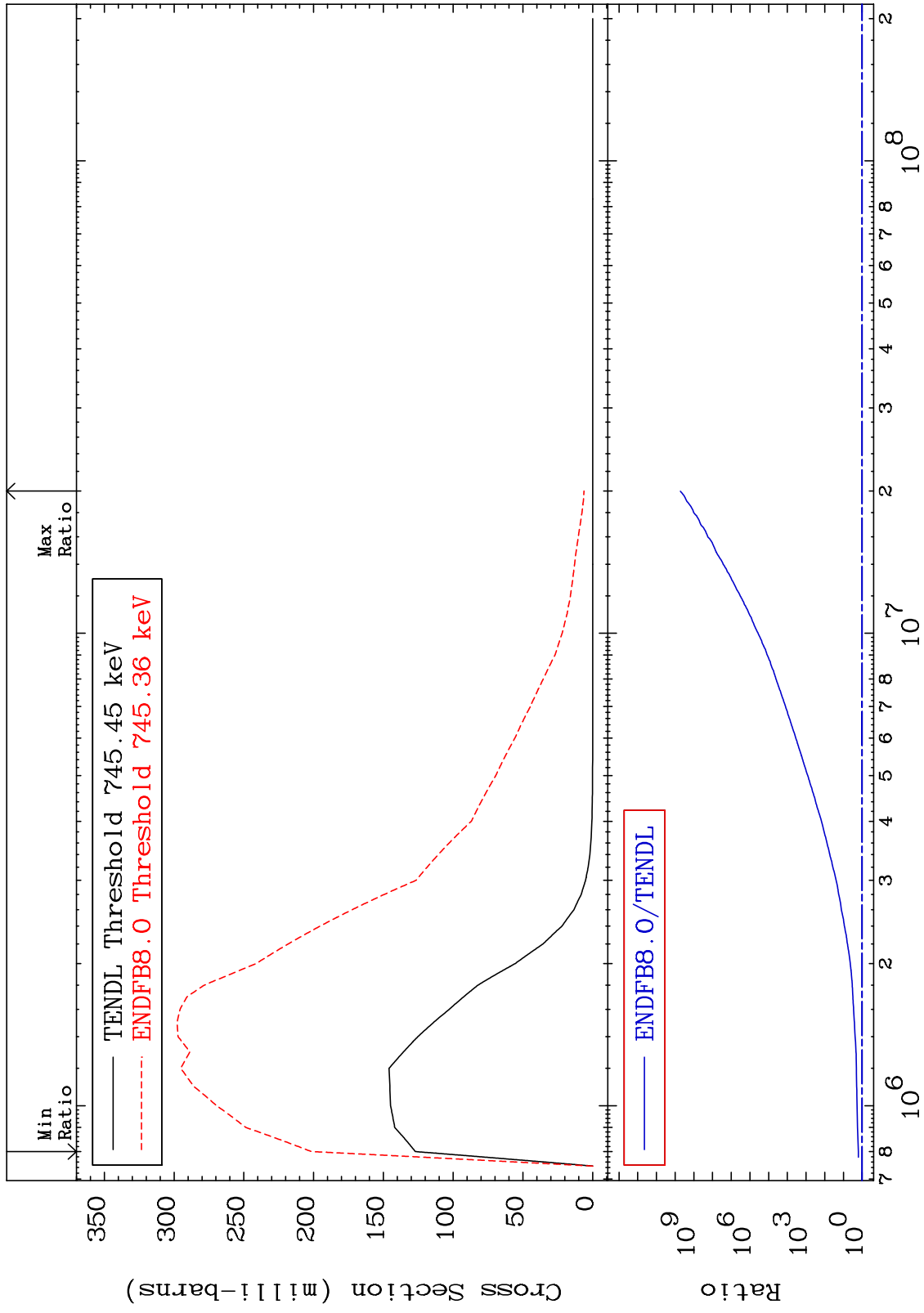


MAT 6243 MT= 51 (n,n') Level Cross Section 62-Sm-150
 -58.82 To -32.86%



10 Incident Energy (eV) 62-Sm-150

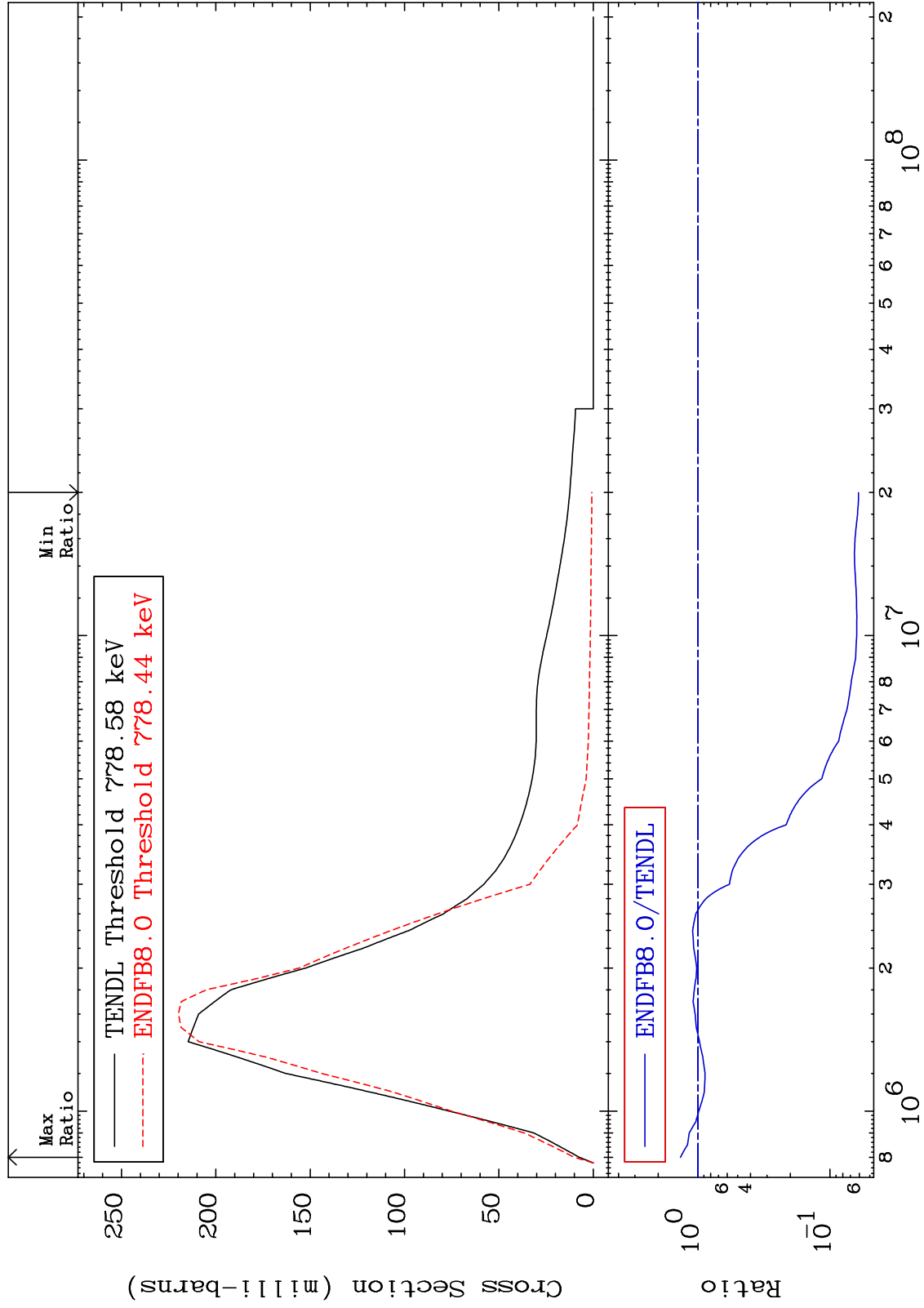
MAT 6243 MT= 52 (n,n') Level Cross Section 62-Sm-150 58.59 To 9999. %



MAT 6243

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

62-Sm-150
-93.92 To 35.70 %



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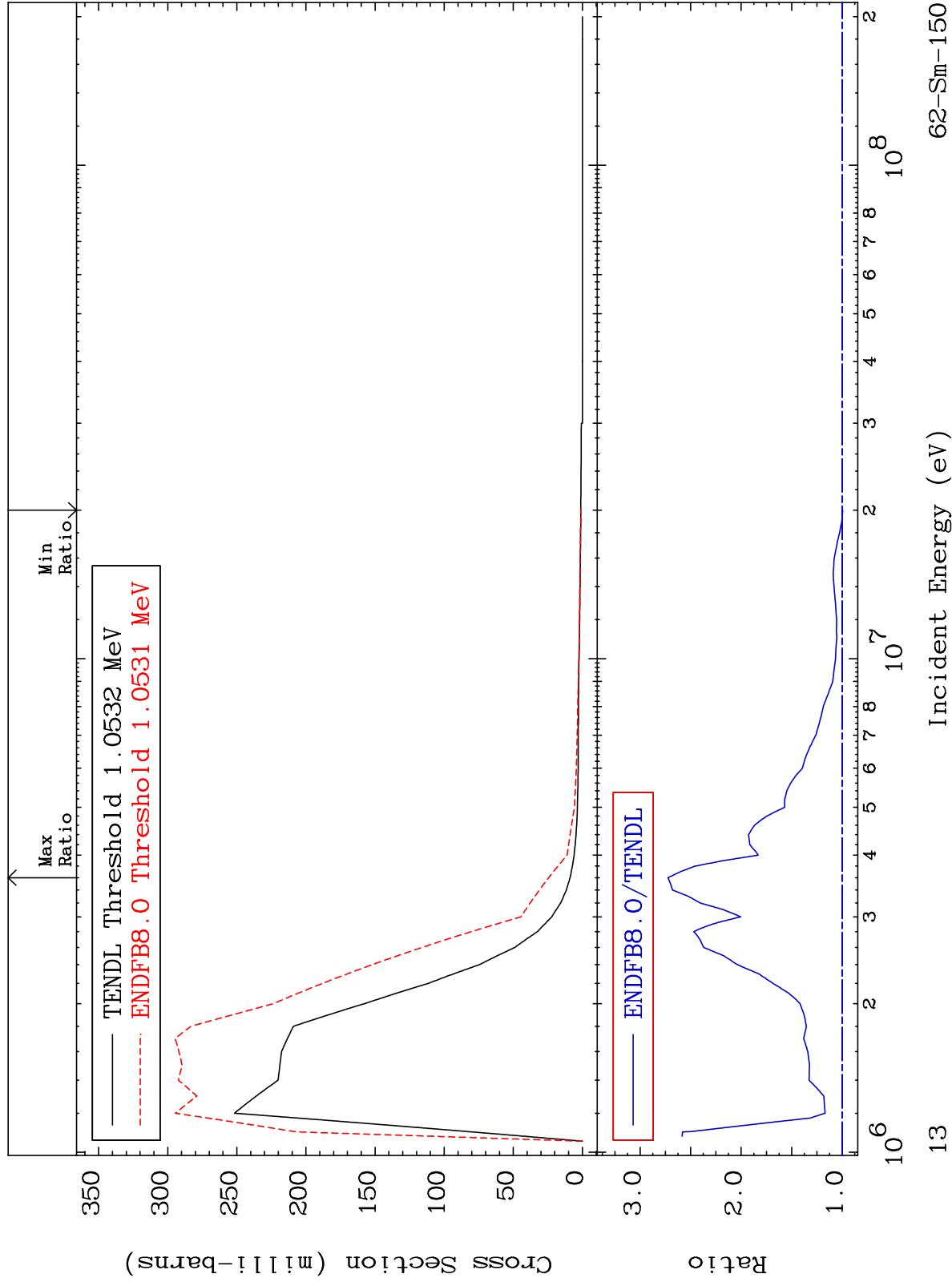
Incident Energy (eV)

62-Sm-150

MAT 6243

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

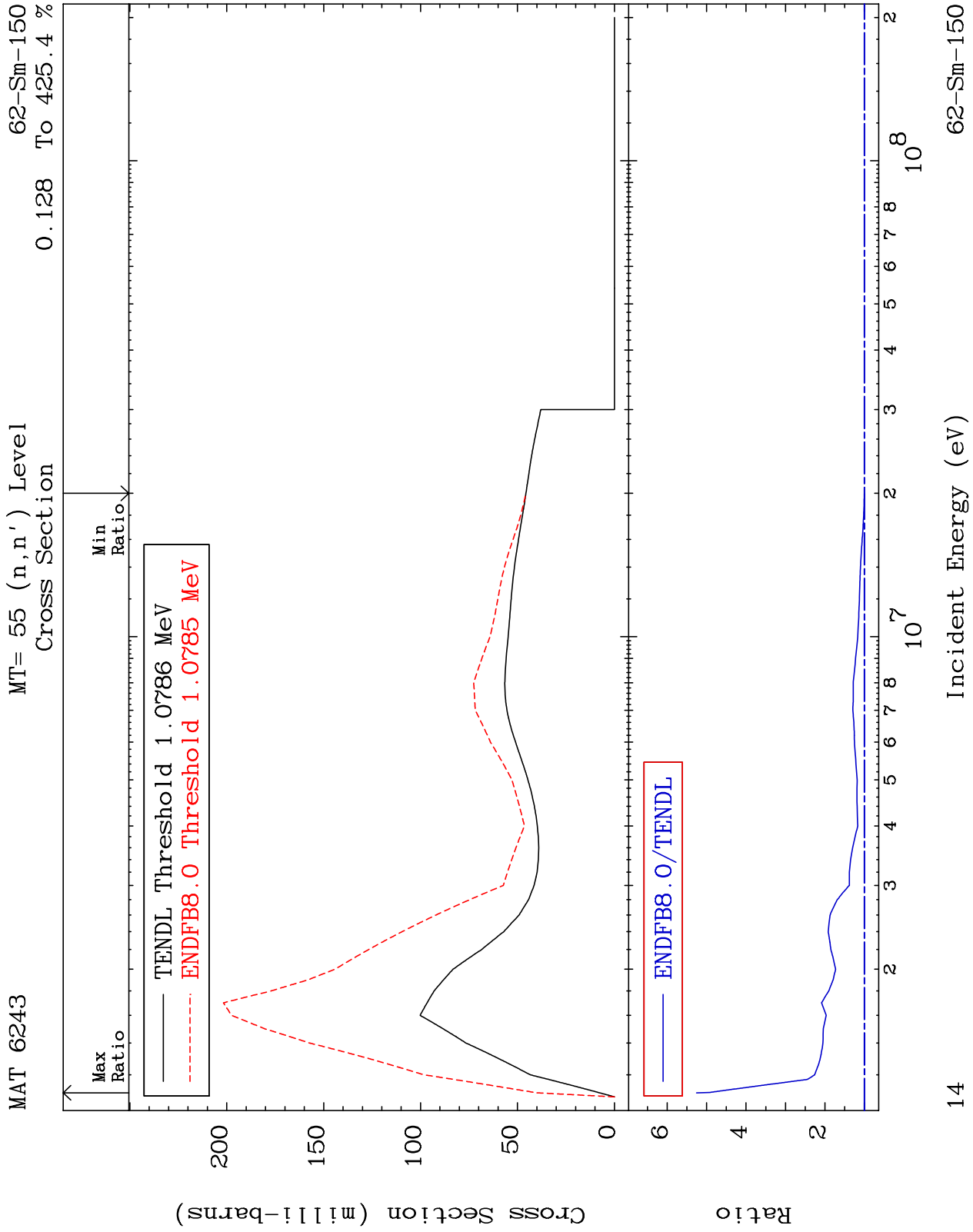
62-Sm-150
-0.662 To 172.4 %



62-Sm-150

Incident Energy (eV)

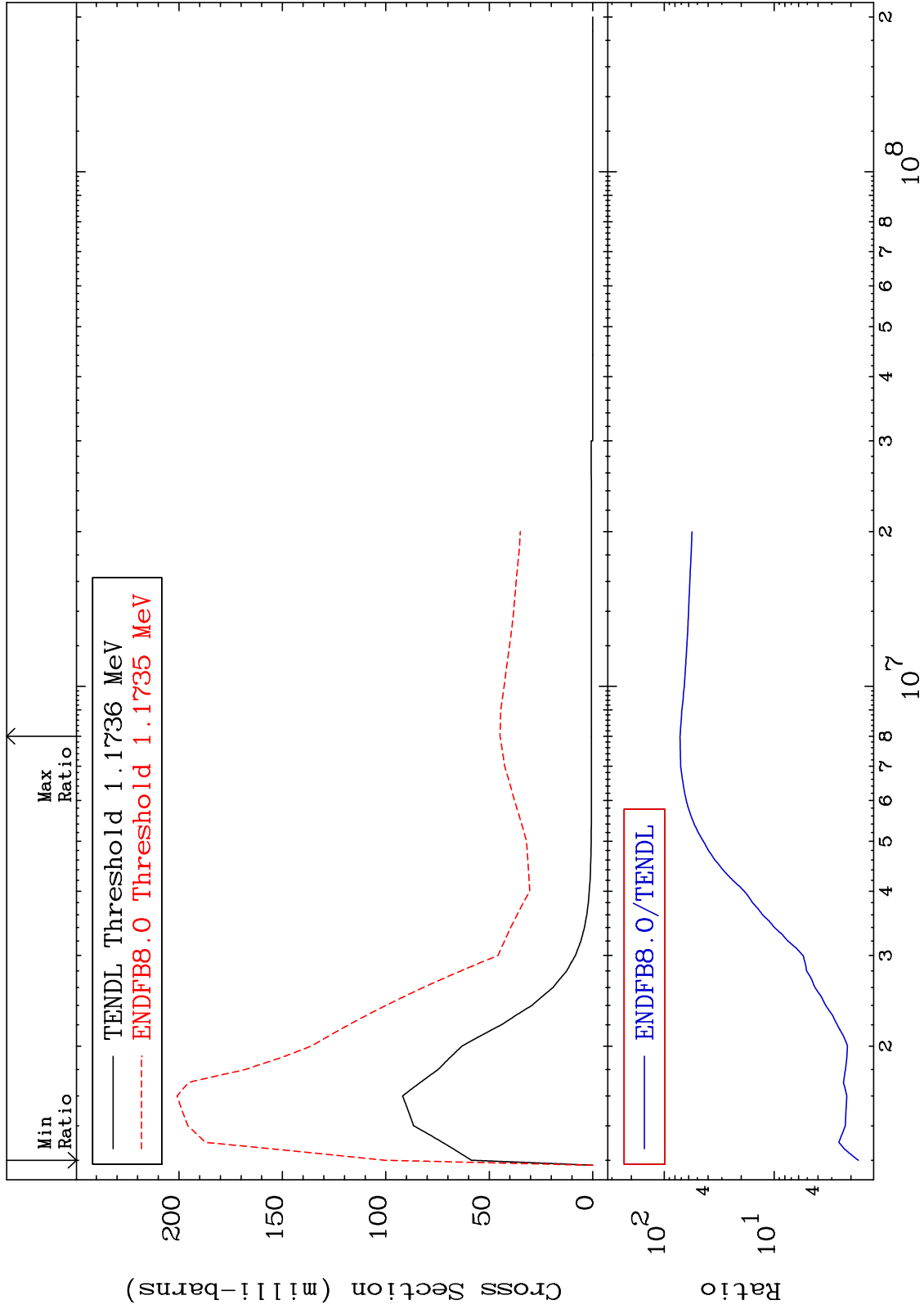
13



MAT 6243

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

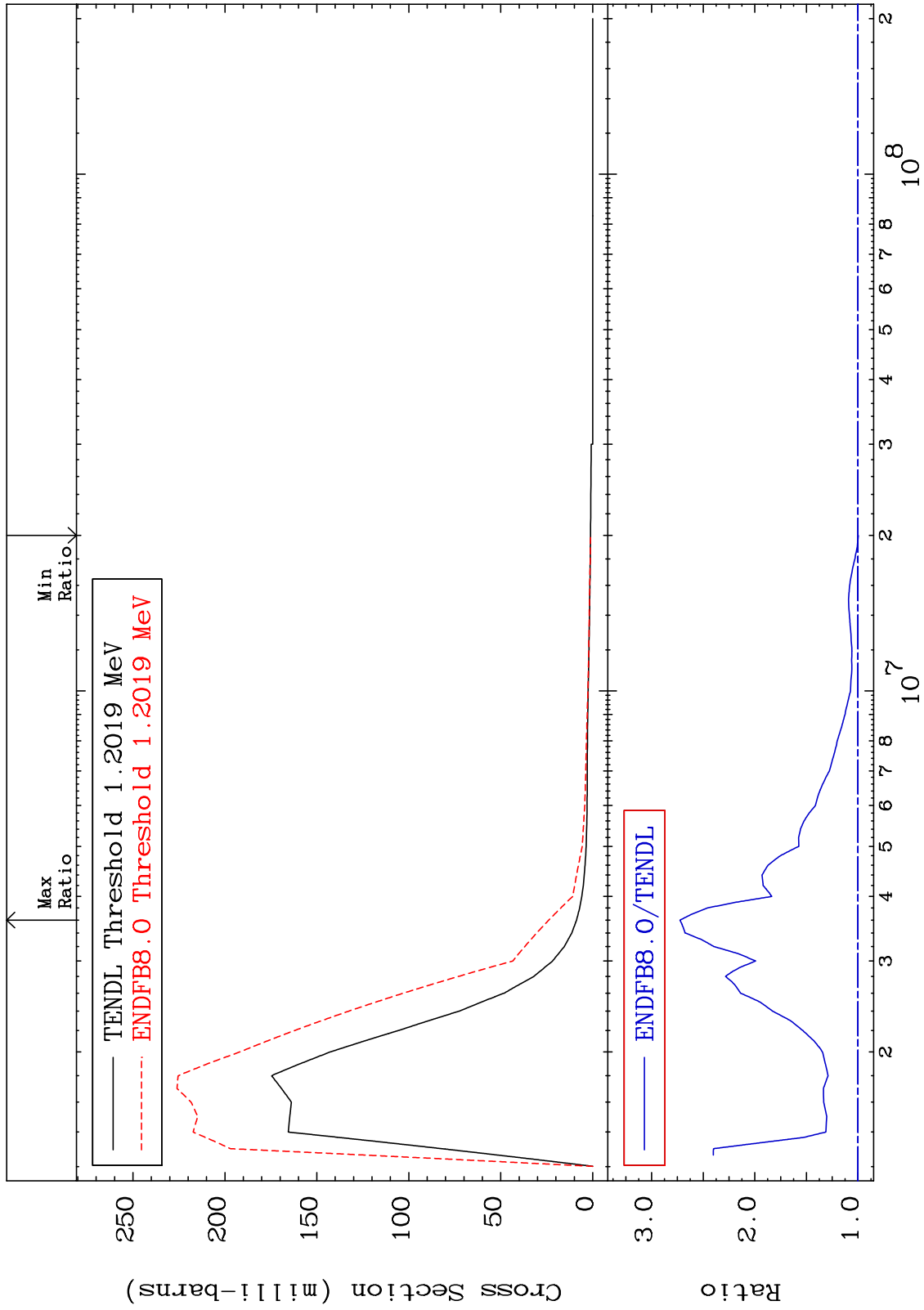
62-Sm-150
71.39 To 7100. %



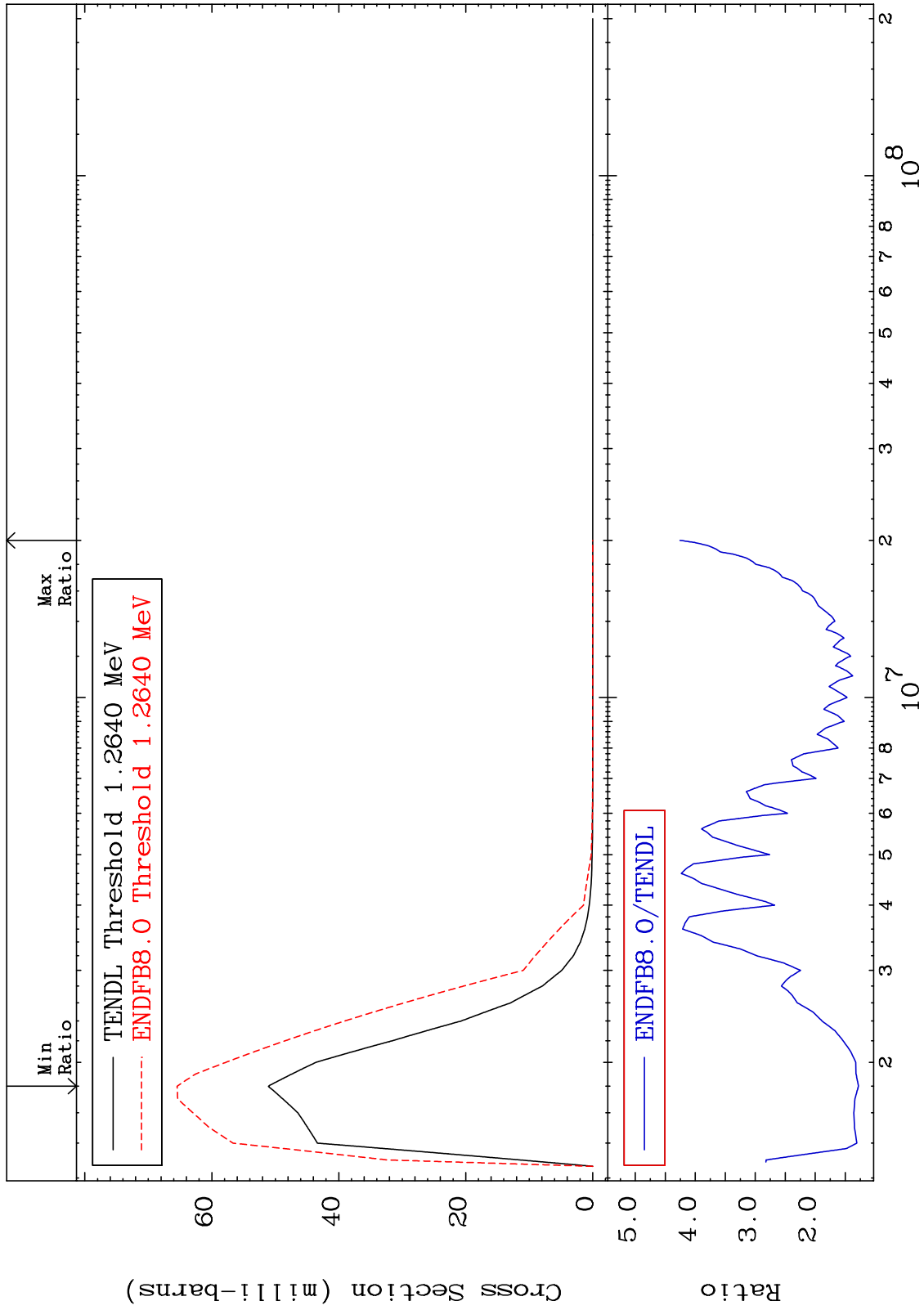
MAT 6243

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

62-Sm-150
-0.377 To 172.5 %



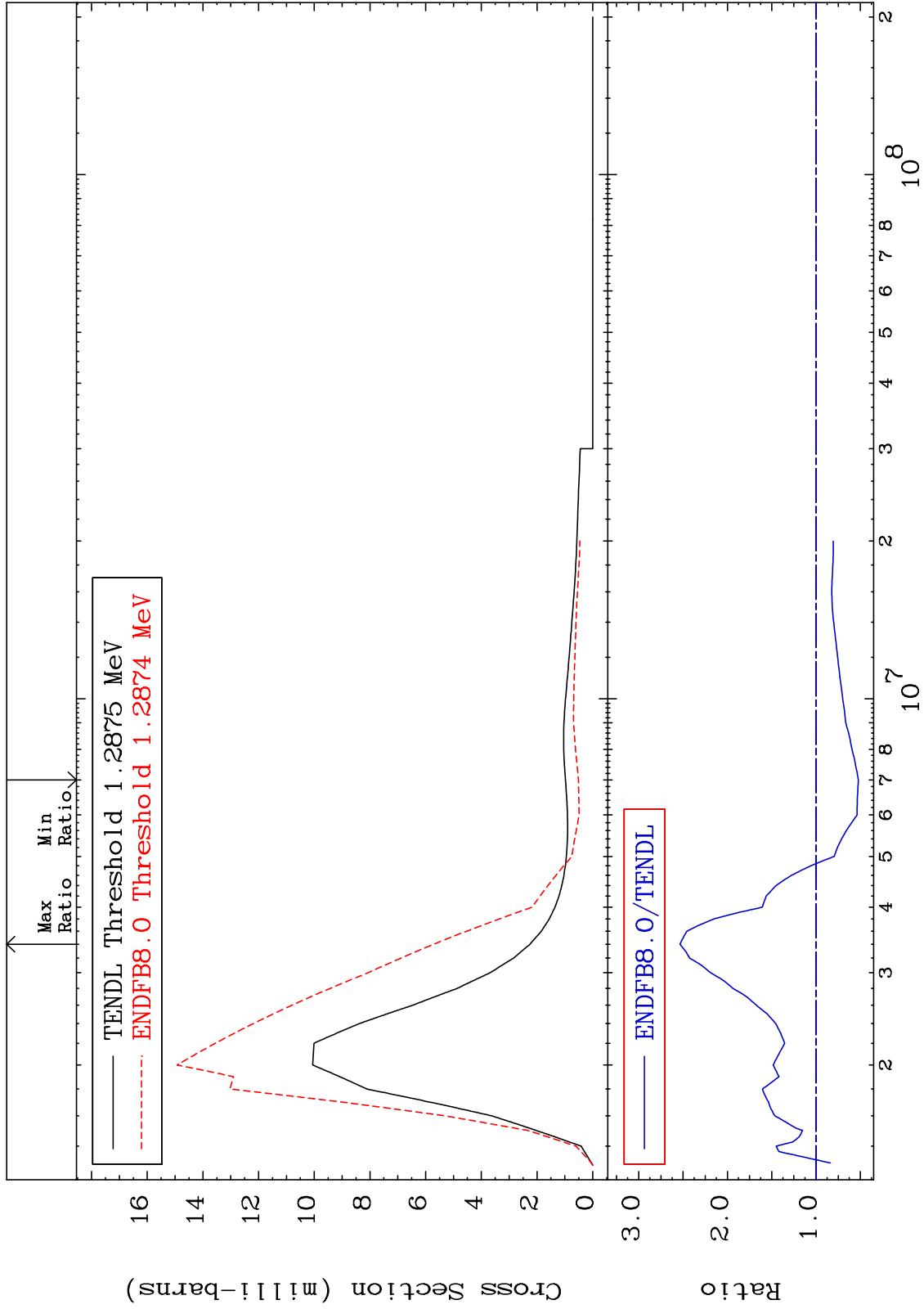
MAT 6243 MT= 58 (n, n') Level Cross Section 62-Sm-150 28.06 To 325.5 %



MAT 6243

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

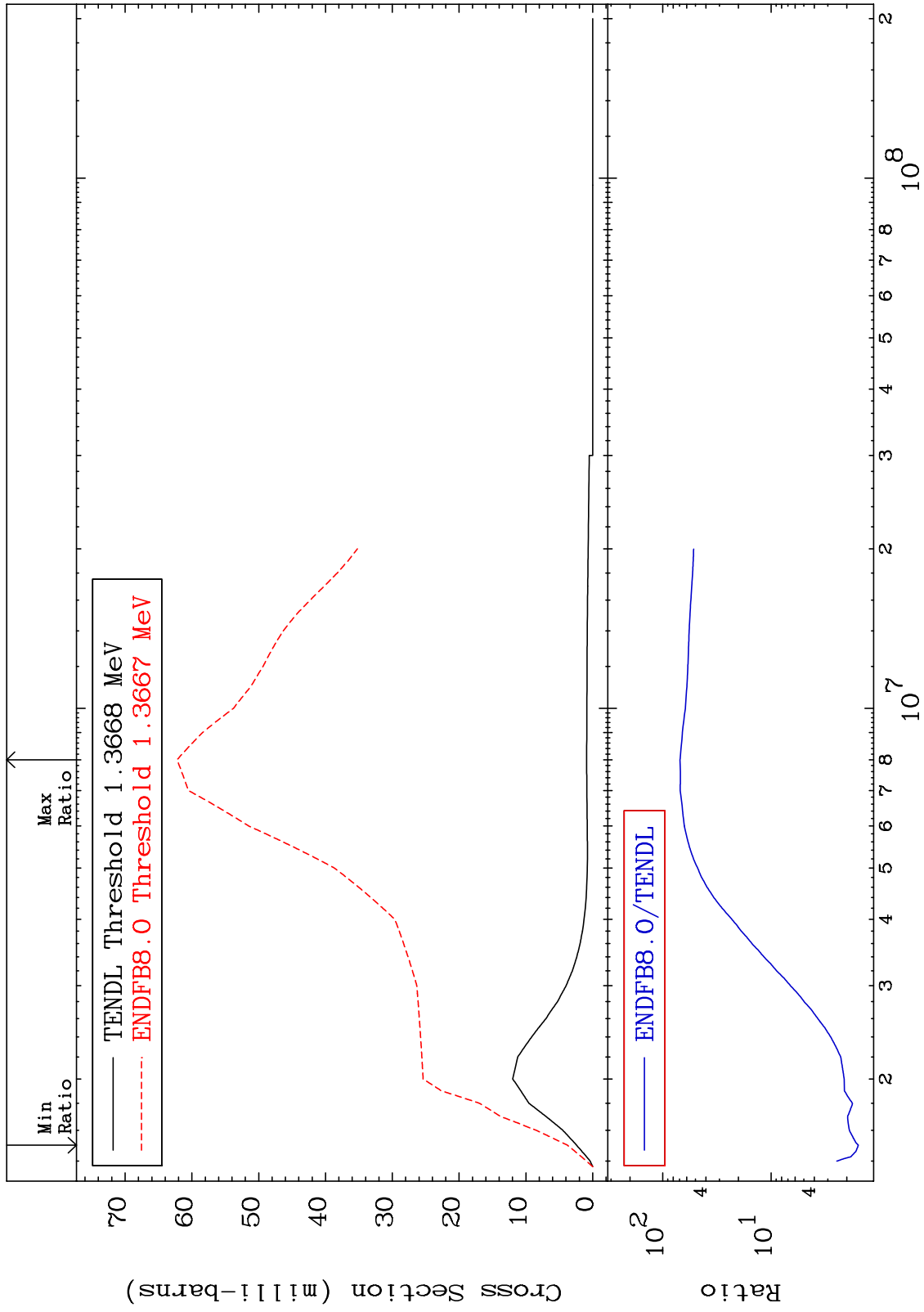
62-Sm-150
-47.77 To 153.5 %



MAT 6243

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

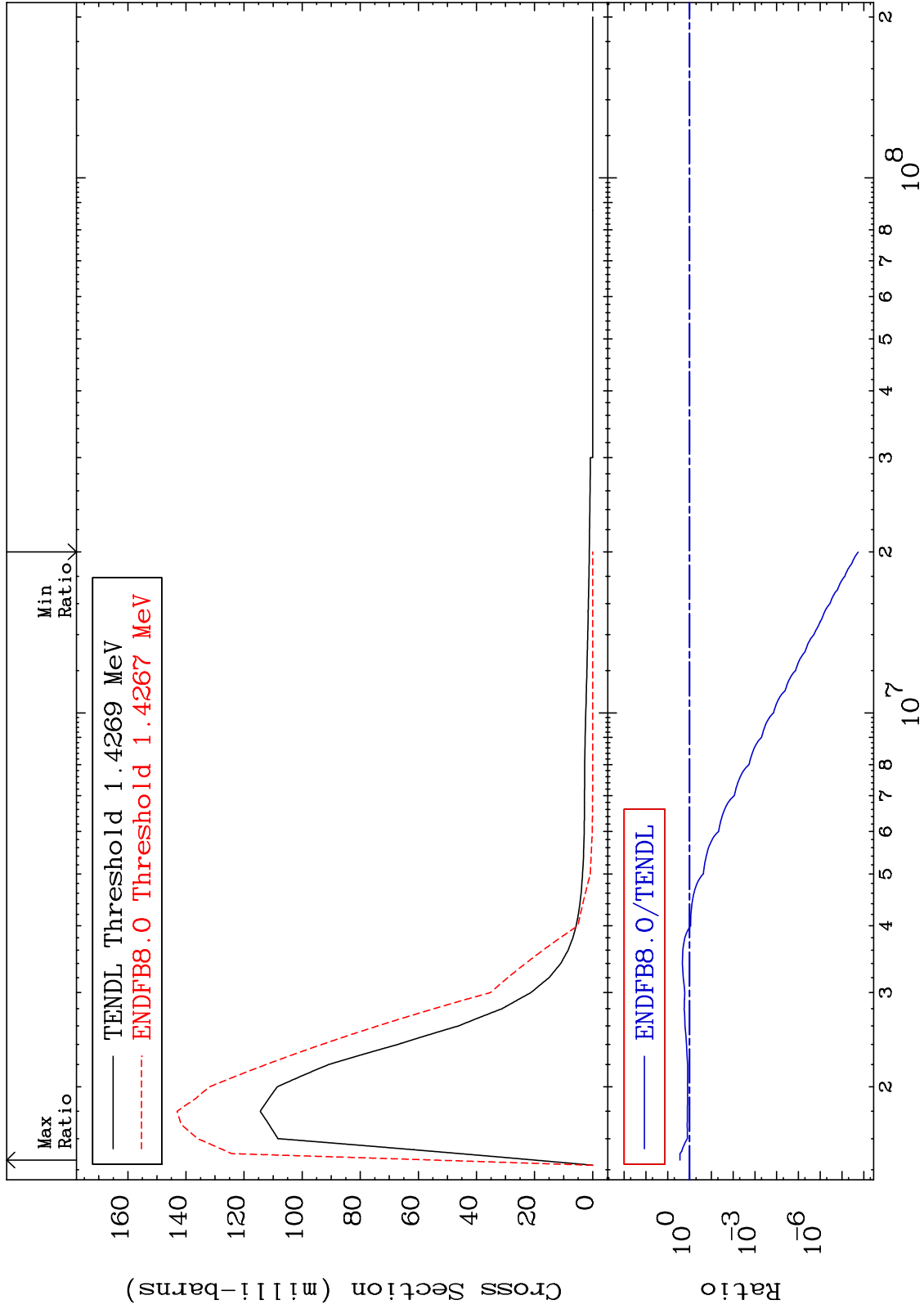
62-Sm-150
56.55 To 6824. %



MAT 6243

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

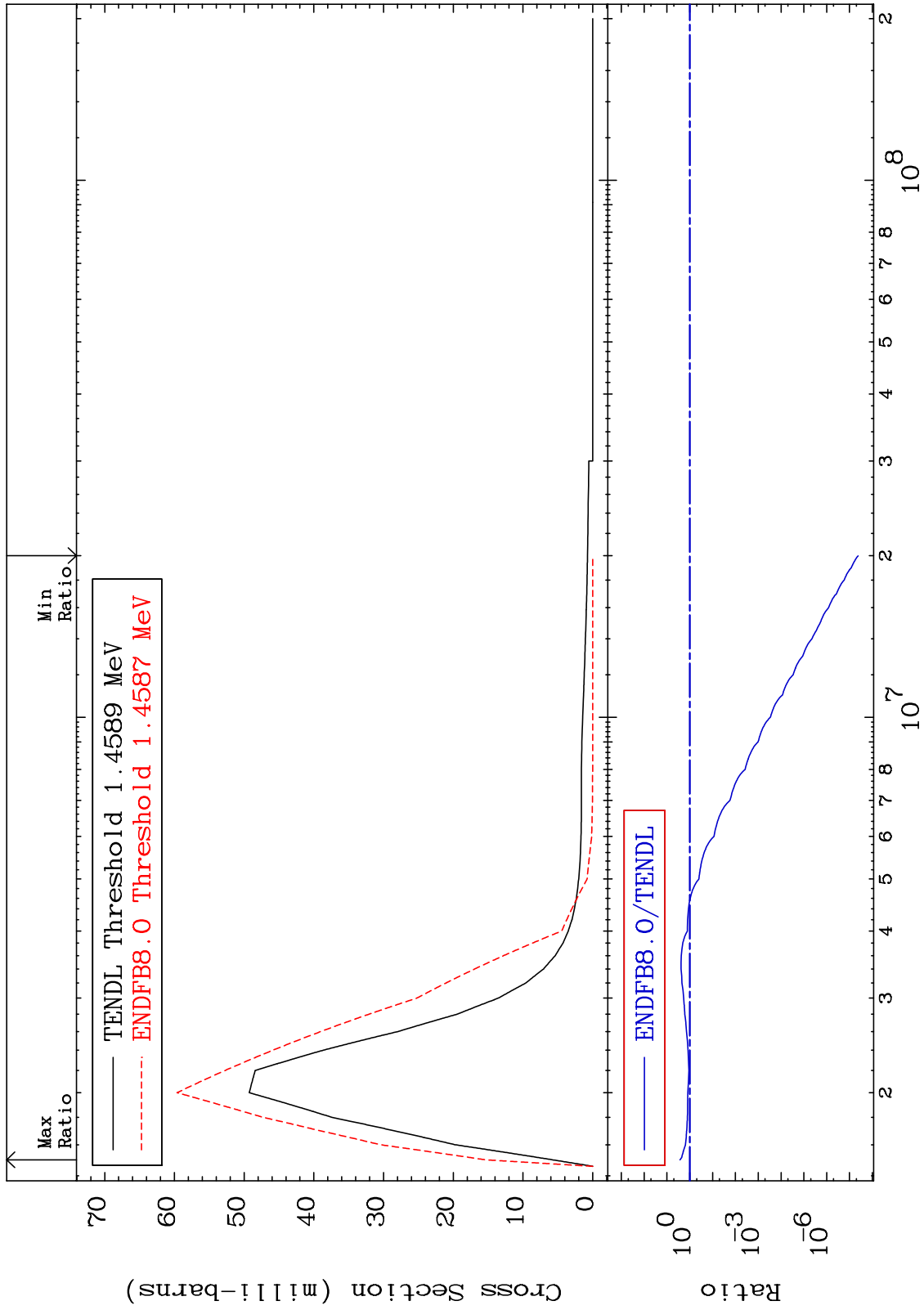
62-Sm-150
-100.0 To 172.4 %



MAT 6243

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

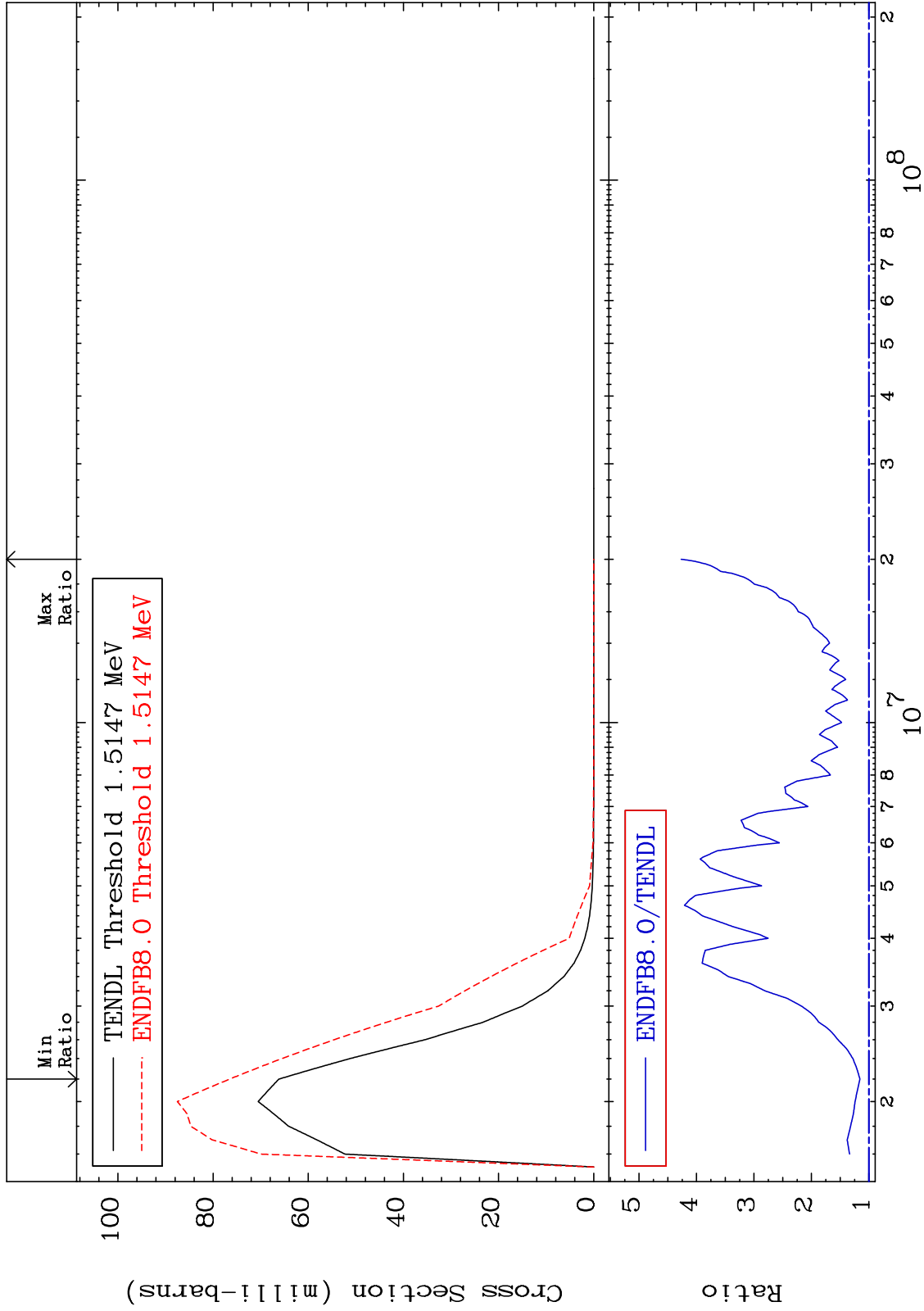
62-Sm-150
-100.0 To 167.6 %



MAT 6243

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

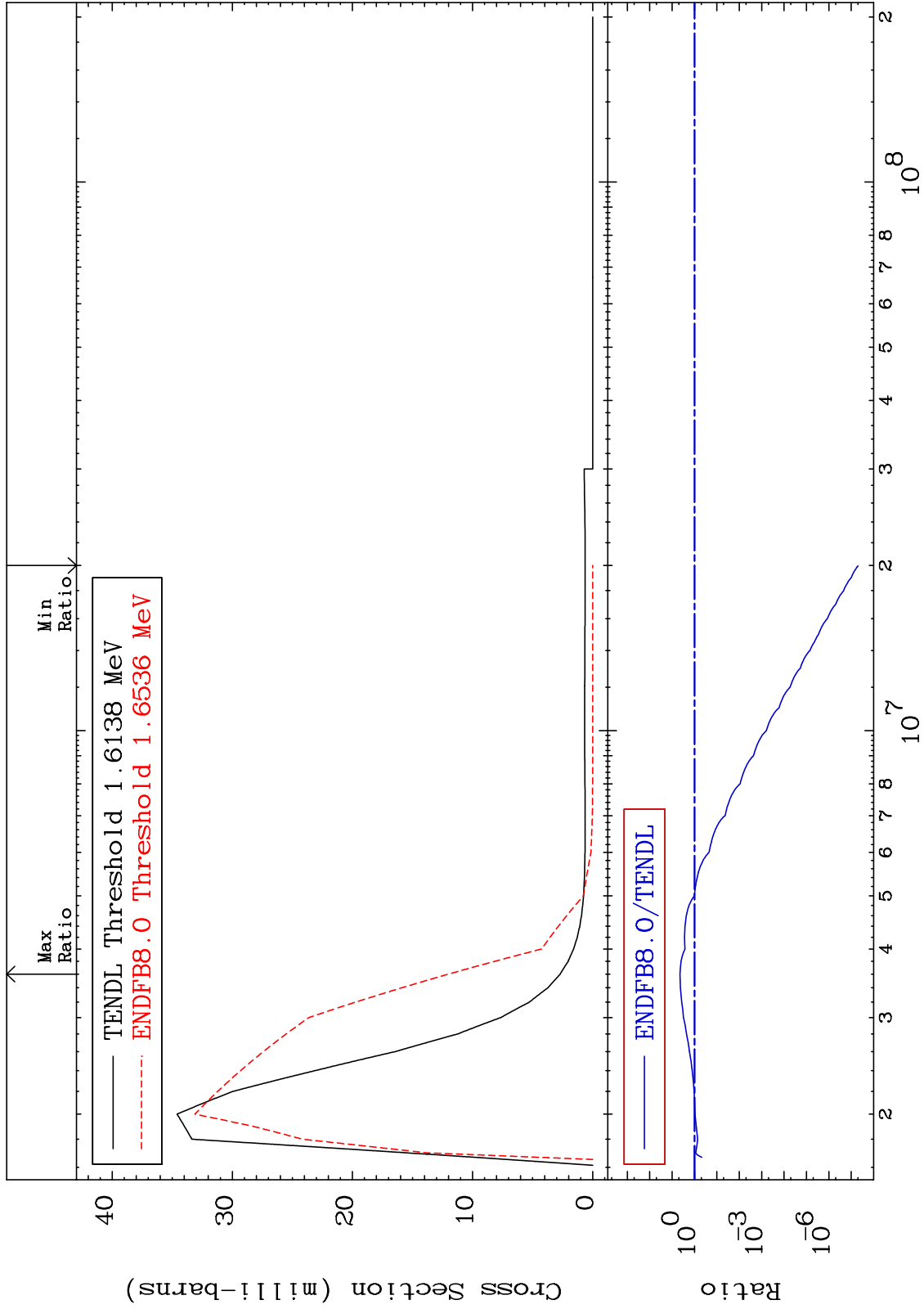
62-Sm-150
15.65 To 326.7 %

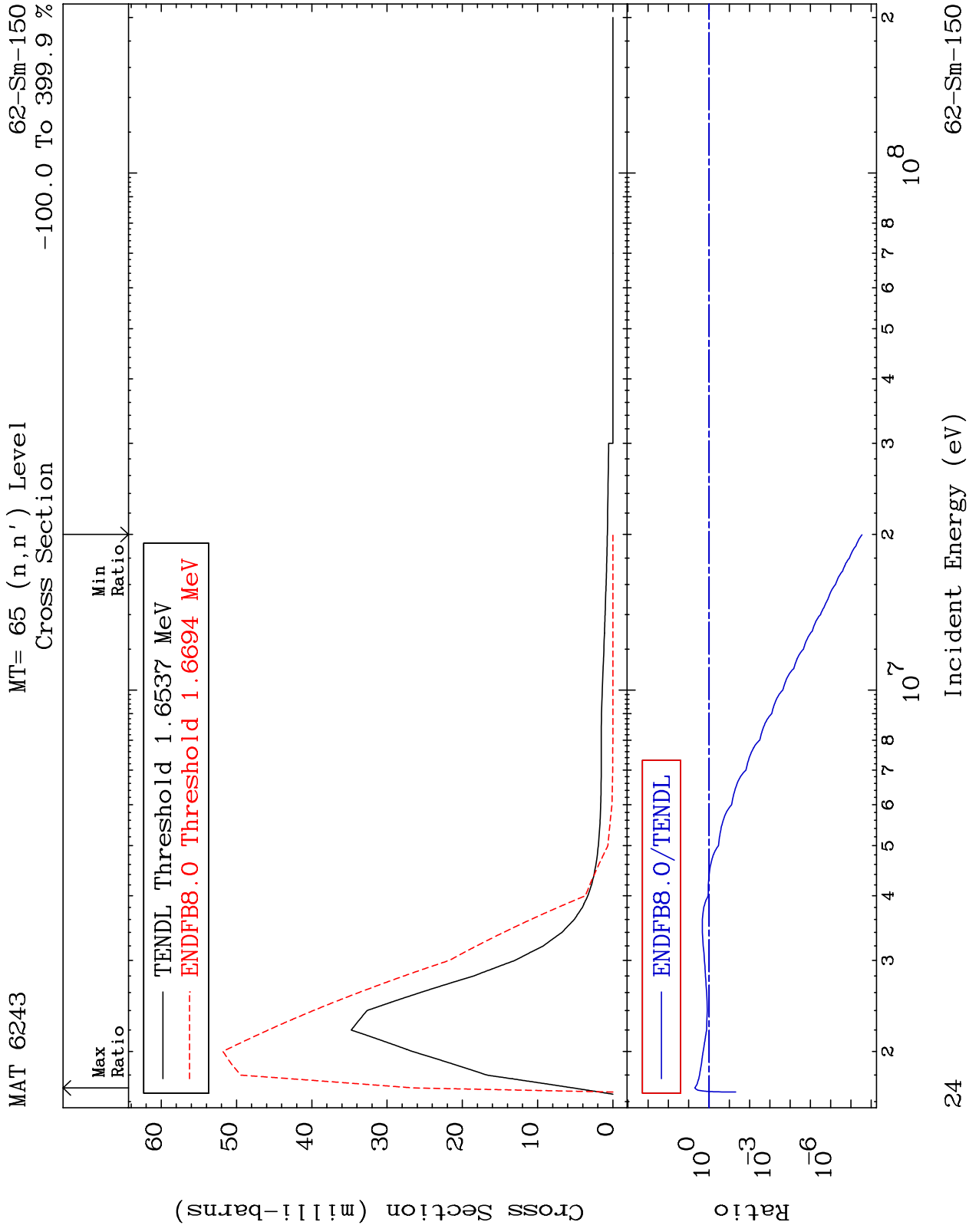


MAT 6243

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

62-Sm-150
-100.0 To 342.7 %

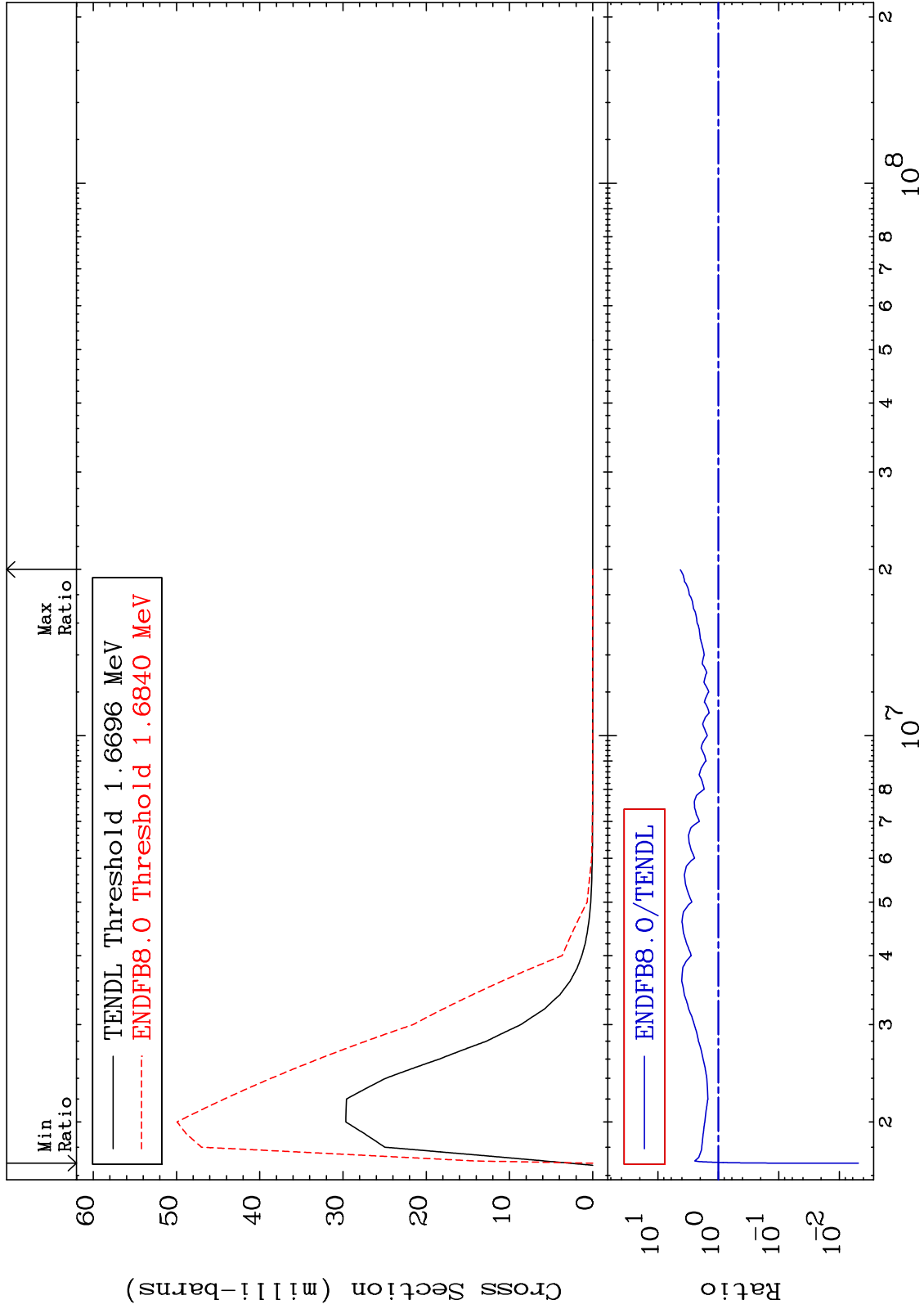




MAT 6243

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

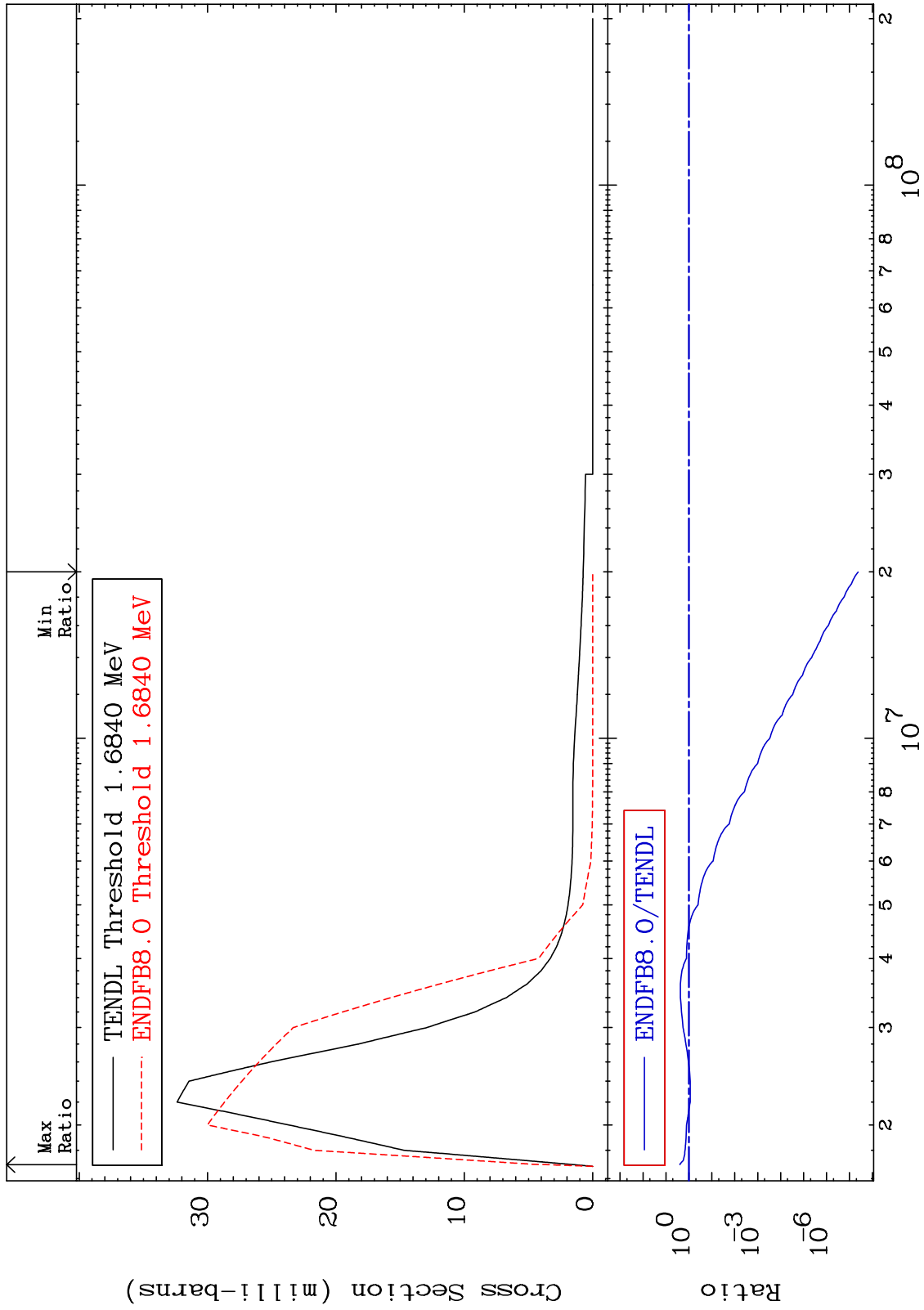
62-Sm-150
-99.52 To 331.0 %



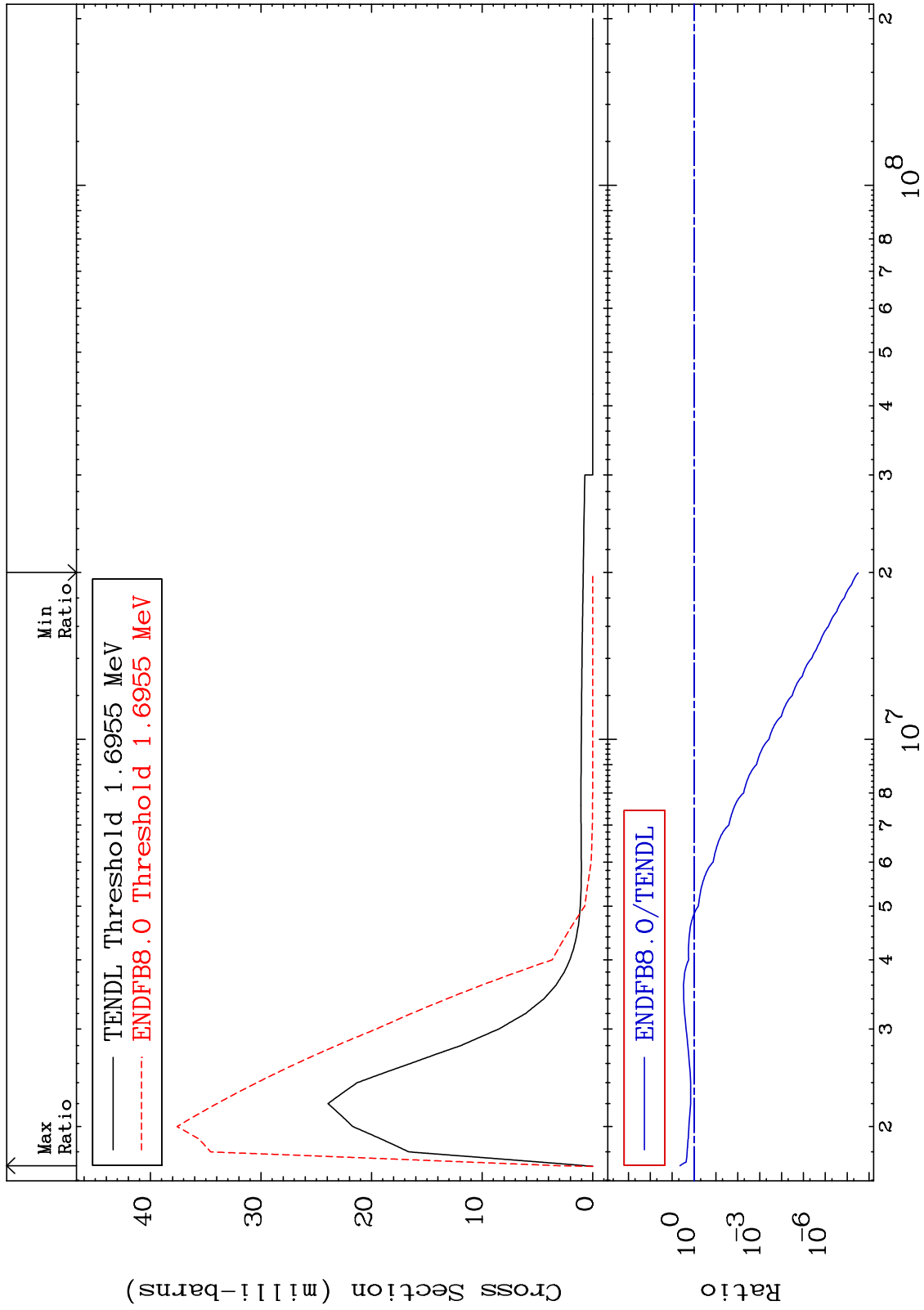
MAT 6243

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

62-Sm-150
-100.0 To 143.4 %



MAT 6243 MT= 68 (n,n') Level Cross Section 62-Sm-150
 -100.0 To 338.0 %



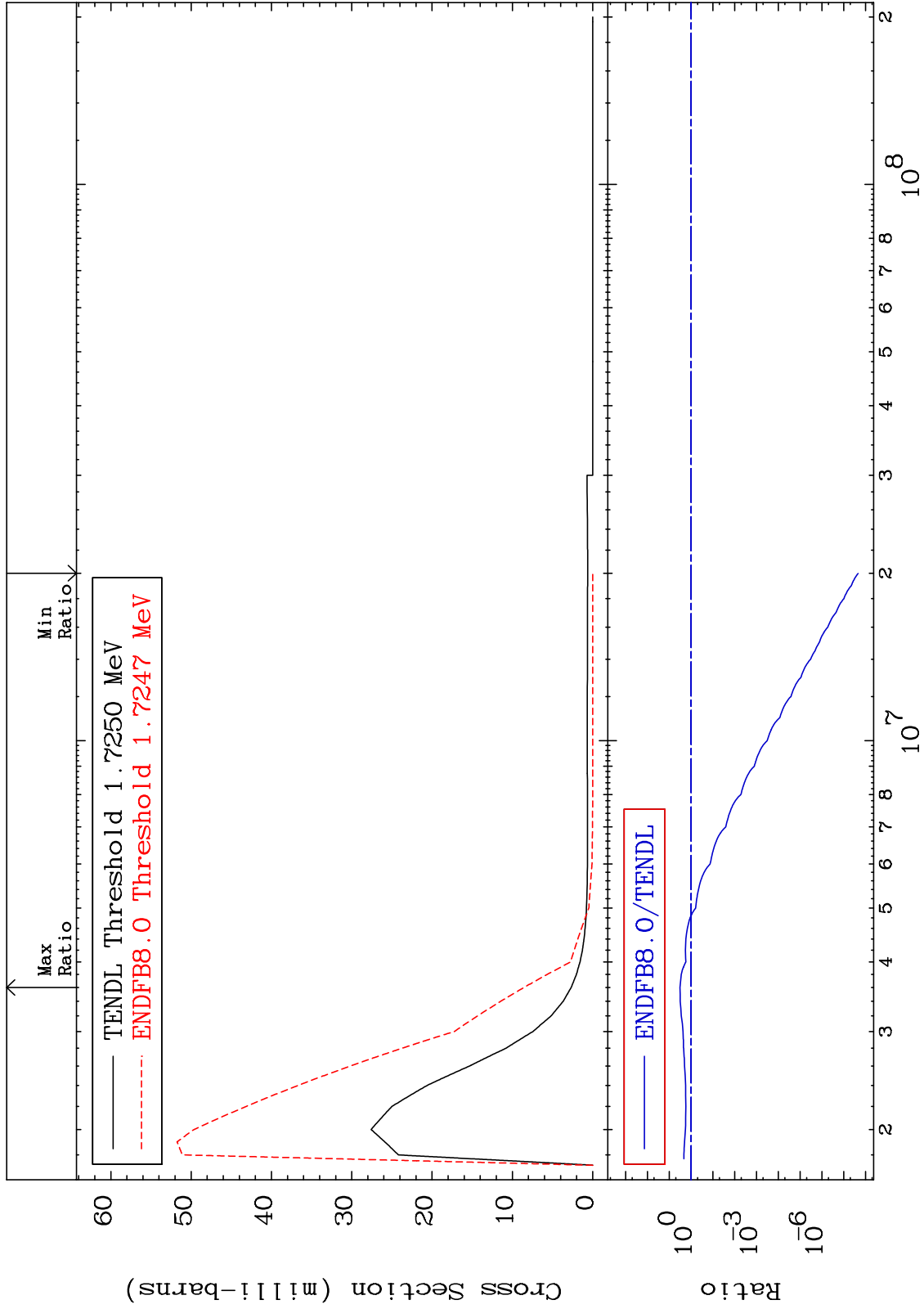
62-Sm-150

Incident Energy (eV)

MAT 6243

MT= 69 (n,n') Level
Cross Section

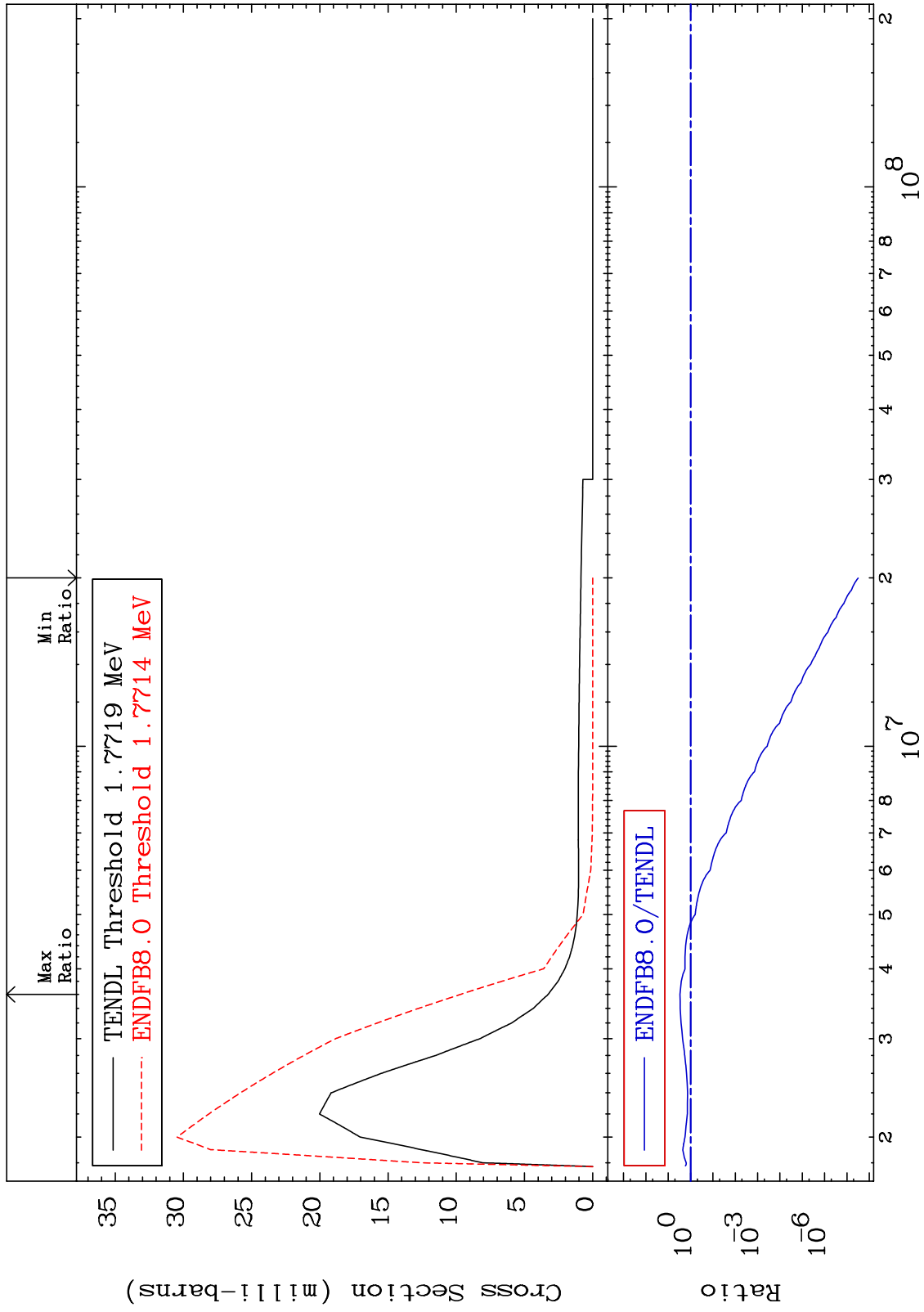
62-Sm-150
-100.0 To 219.3 %



MAT 6243

MT= 70 (n,n') Level
Cross Section

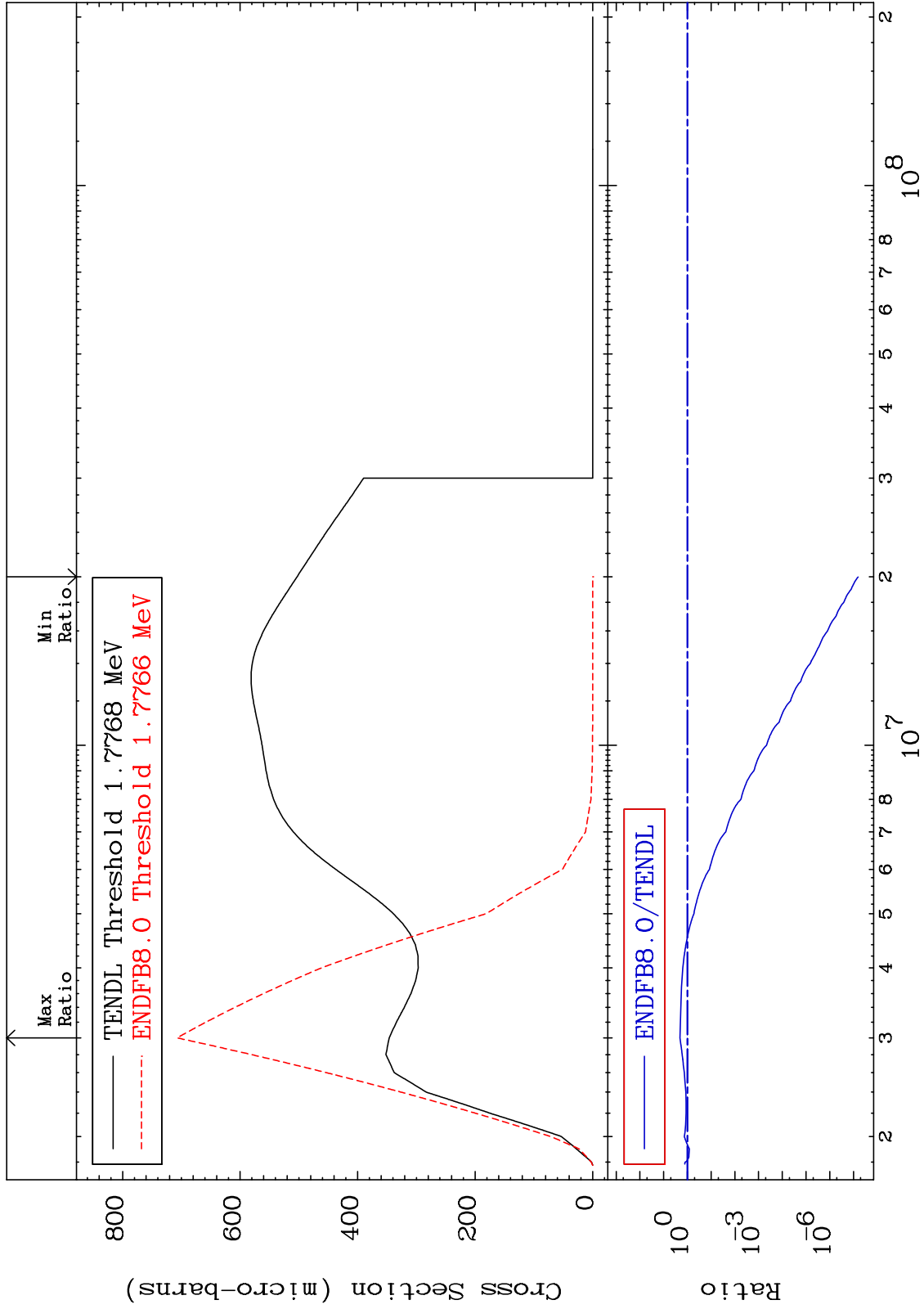
62-Sm-150
-100.0 To 196.7 %



MAT 6243

MT= 71 (n,n') Level
Cross Section

62-Sm-150
-100.0 To 104.2 %

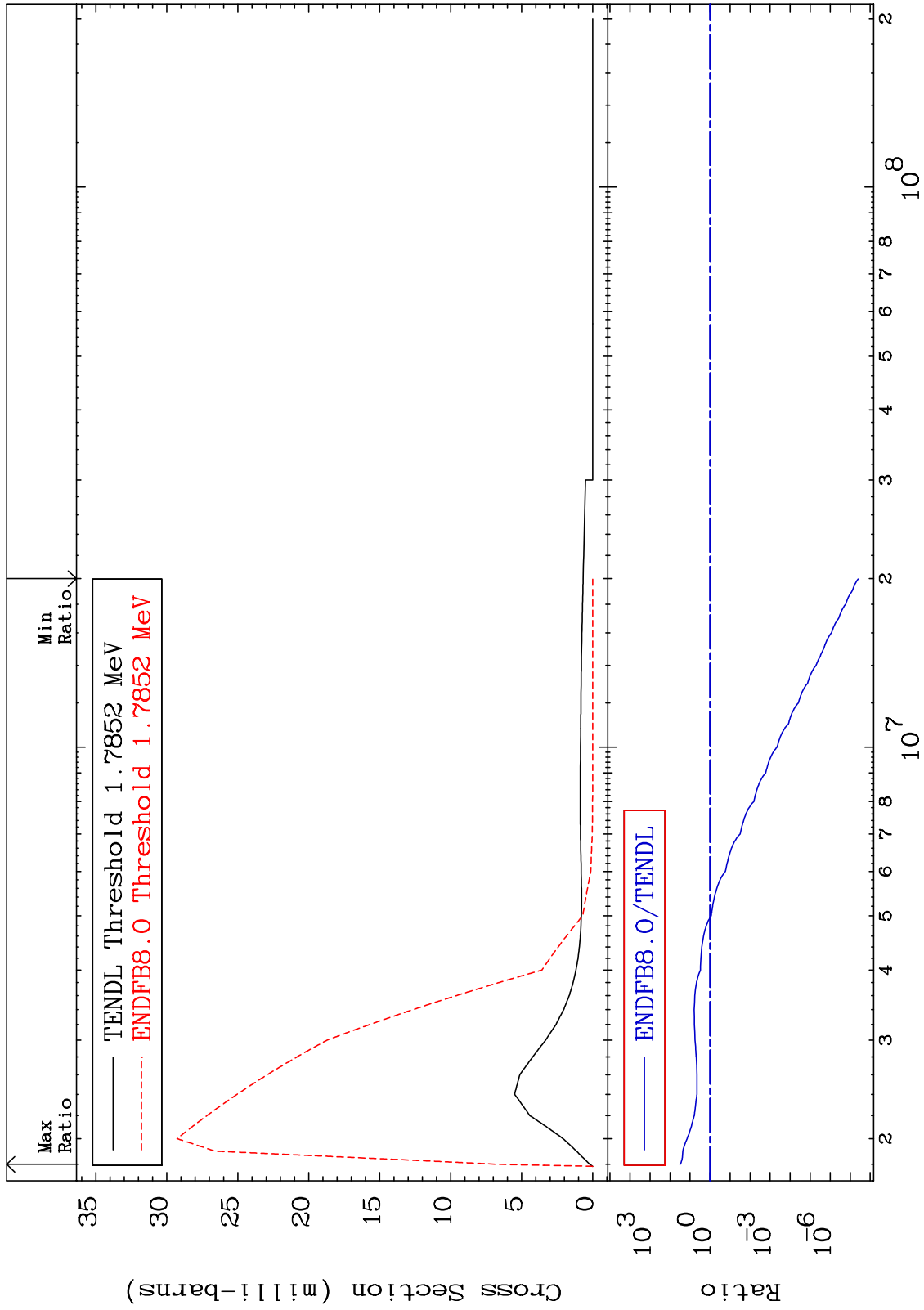


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Incident Energy (eV)

62-Sm-150

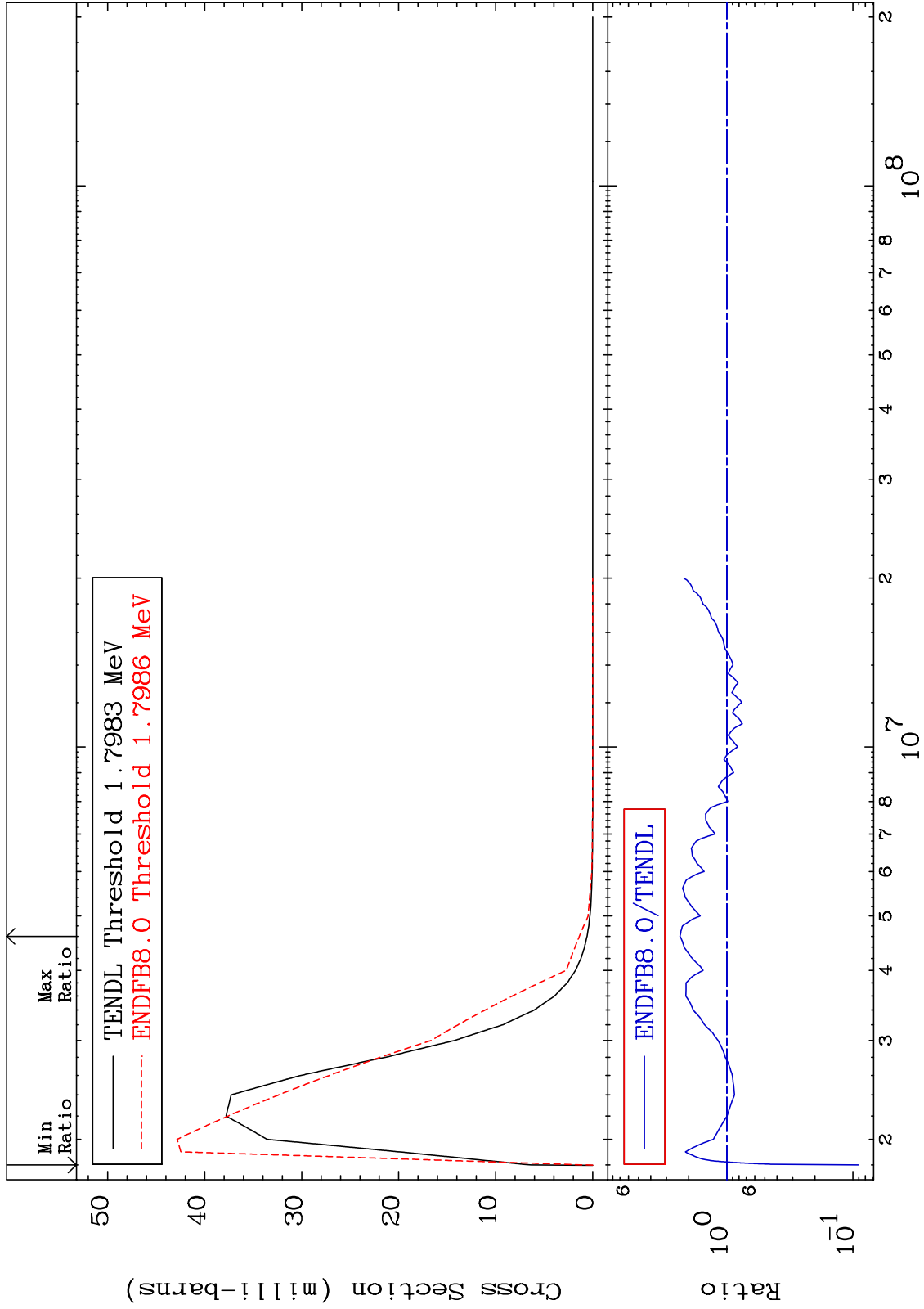
MAT 6243 MT= 72 (n,n') Level
 Cross Section 62-Sm-150
 -100.0 To 3075. %



MAT 6243

MT= 73 (n,n') Level
Cross Section

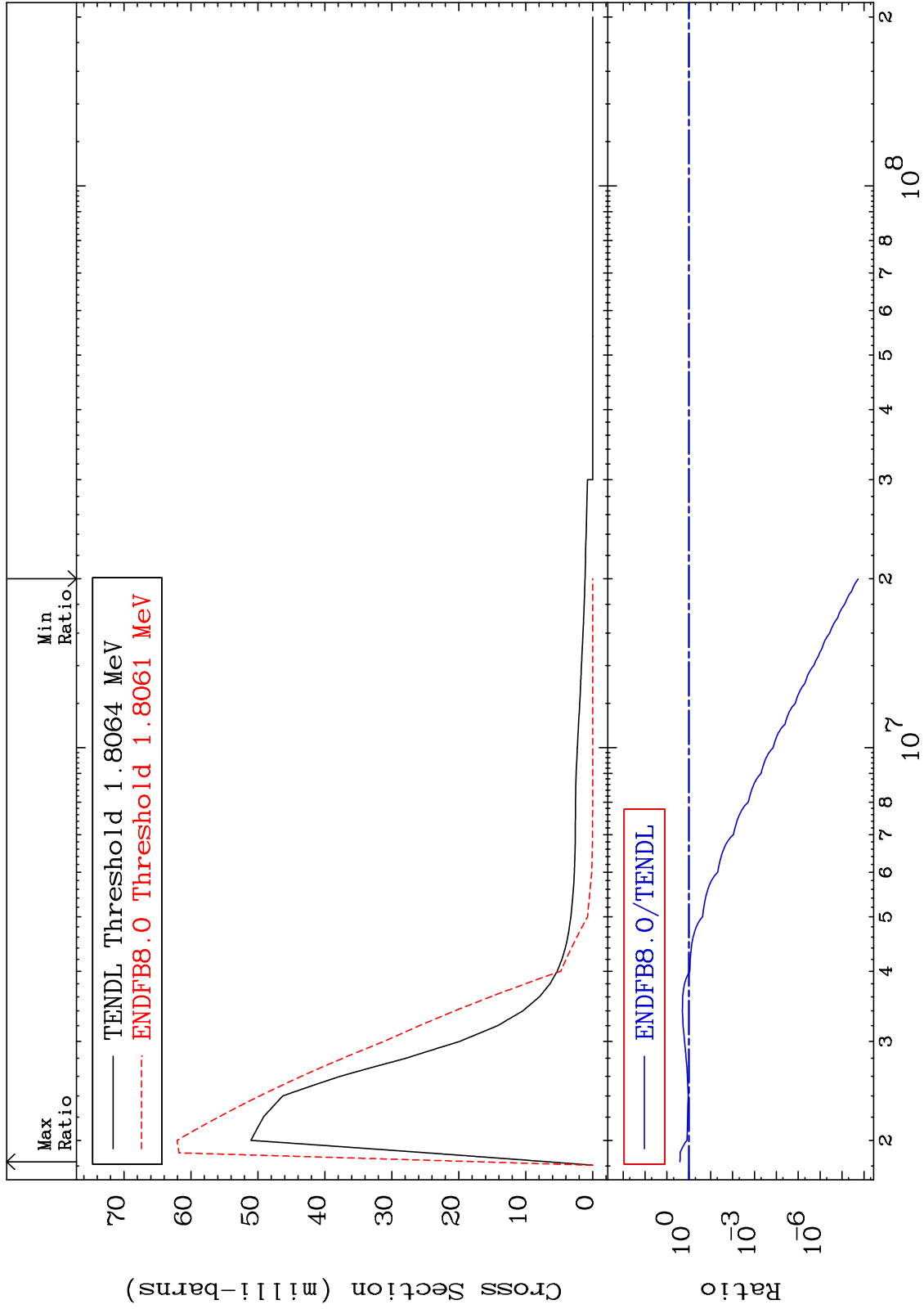
62-Sm-150
-90.94 To 134.5 %

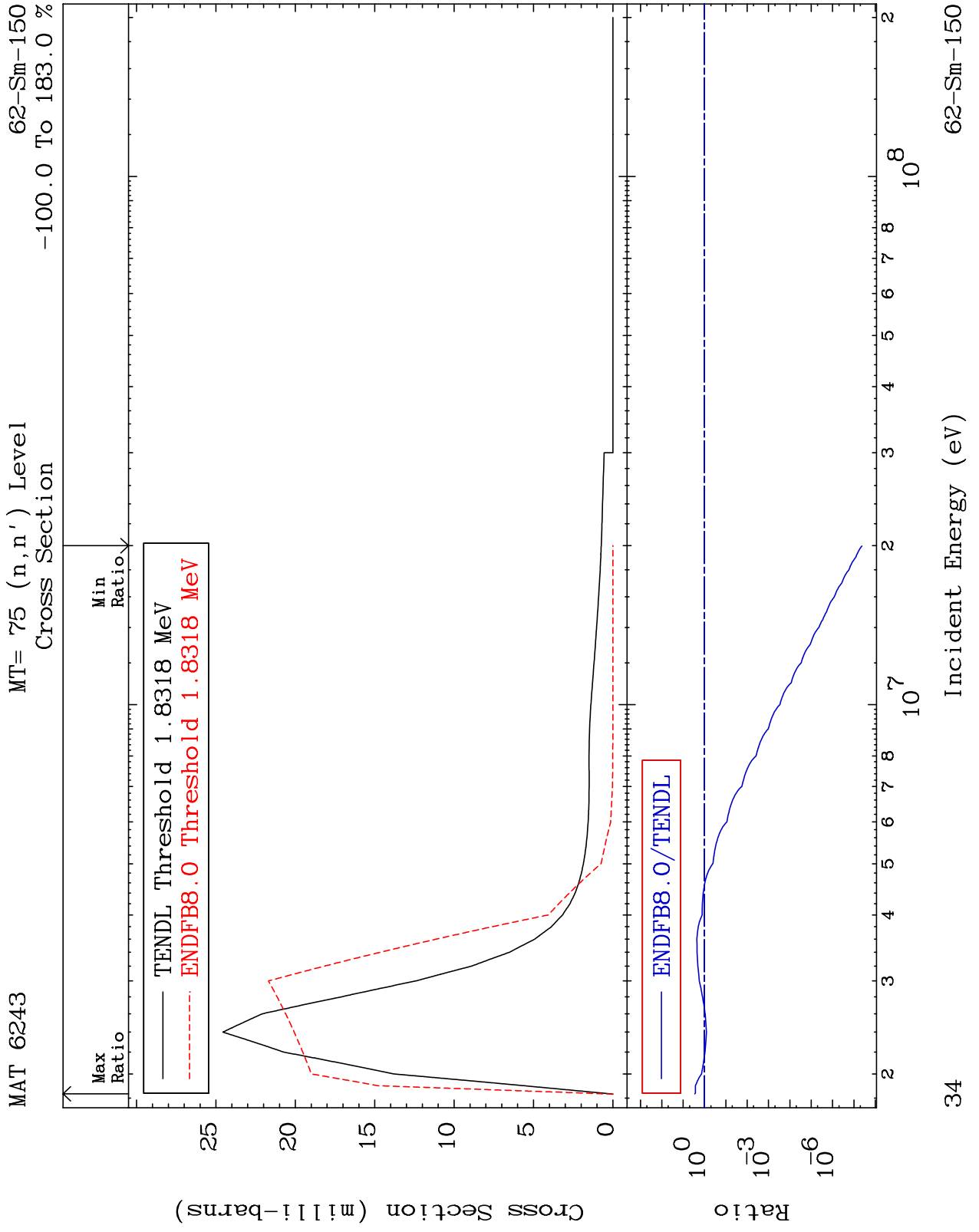


MAT 6243

MT= 74 (n,n') Level
Cross Section

62-Sm-150
-100.0 To 152.5 %

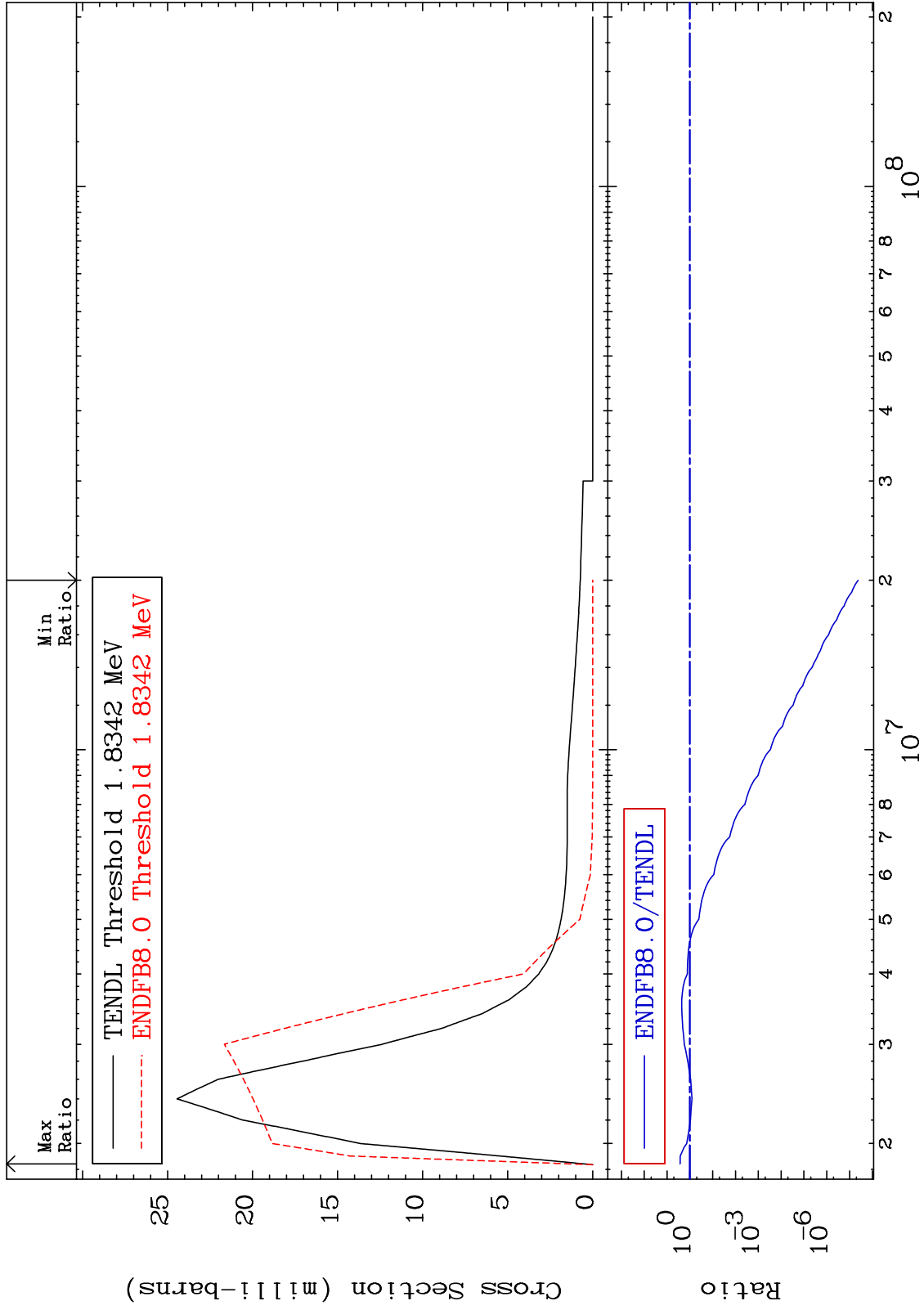




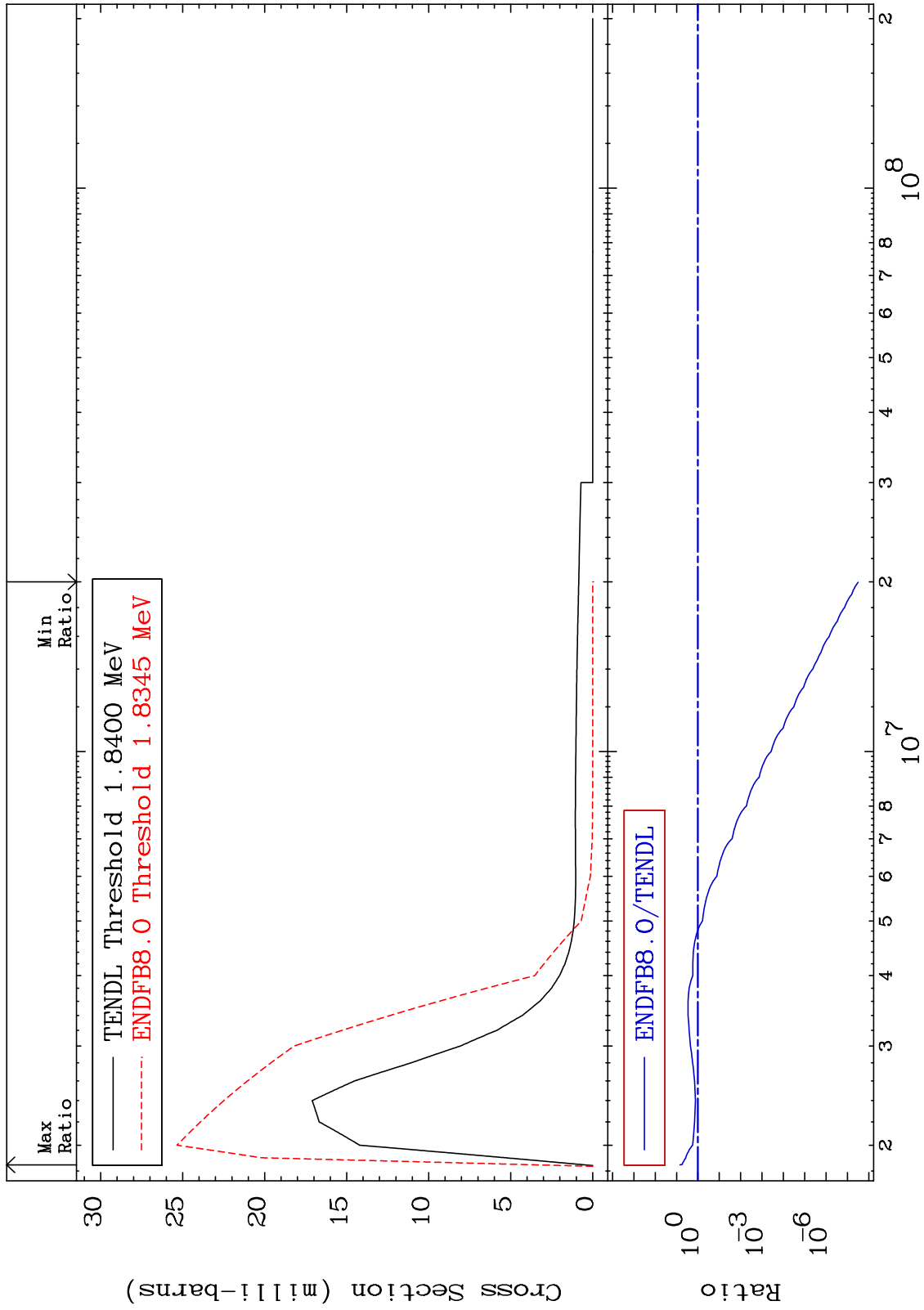
MAT 6243

MT= 76 (n,n') Level
Cross Section

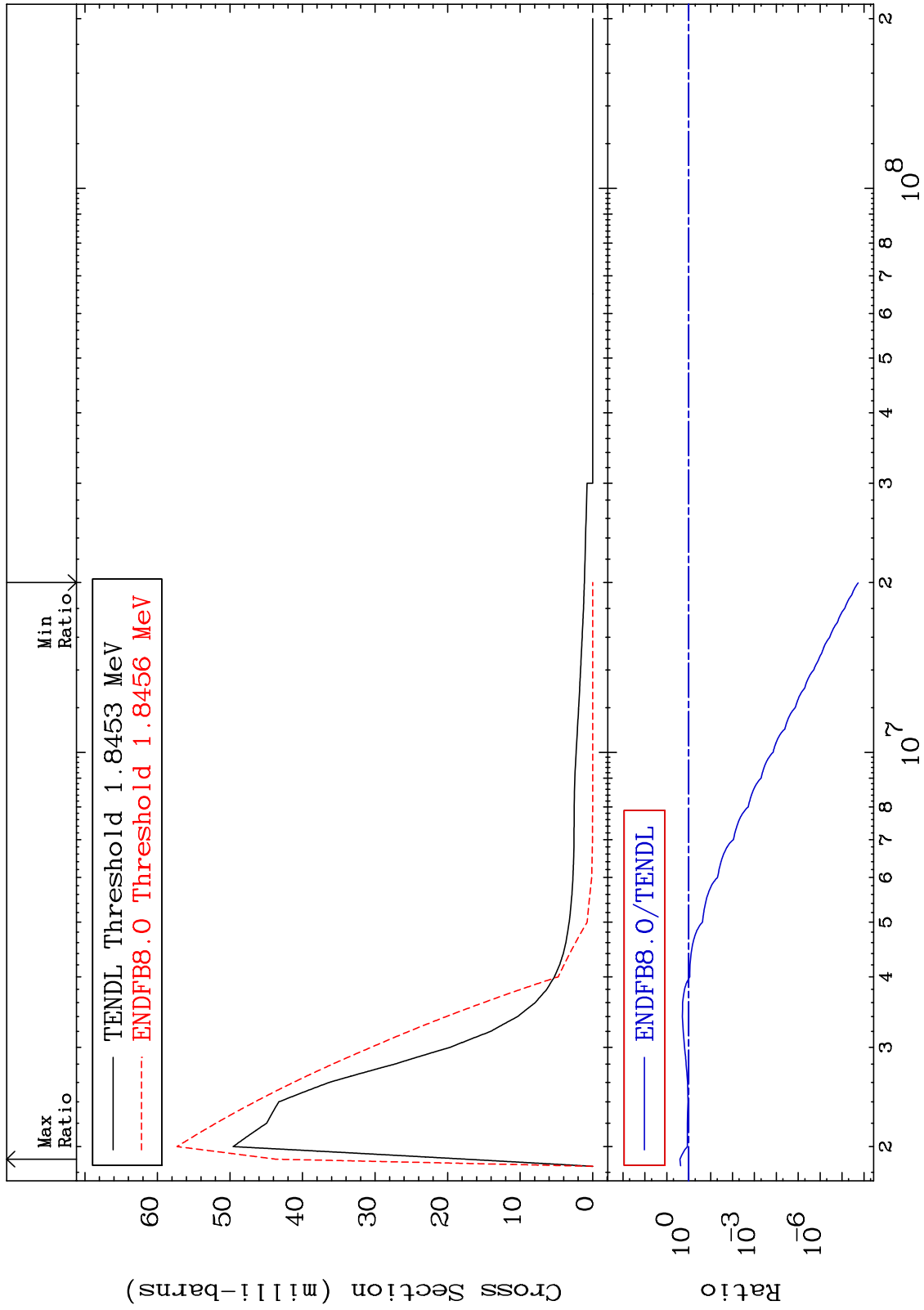
62-Sm-150
-100.0 To 169.5 %

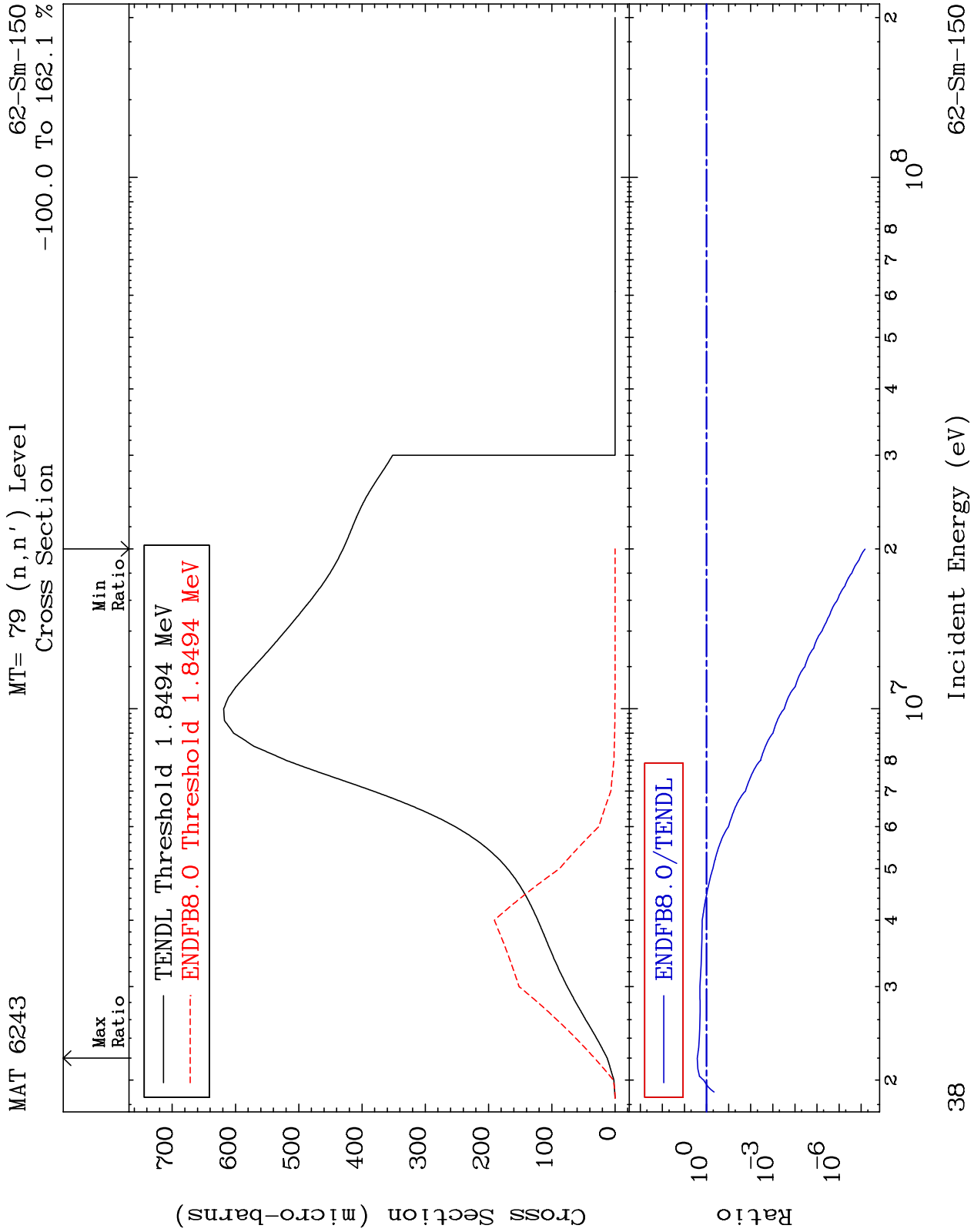


MAT 6243 MT= 77 (n,n') Level
 Cross Section 62-Sm-150
 -100.0 To 590.4 %



MAT 6243 MT= 78 (n,n') Level
 Cross Section 62-Sm-150
 -100.0 To 149.6 %

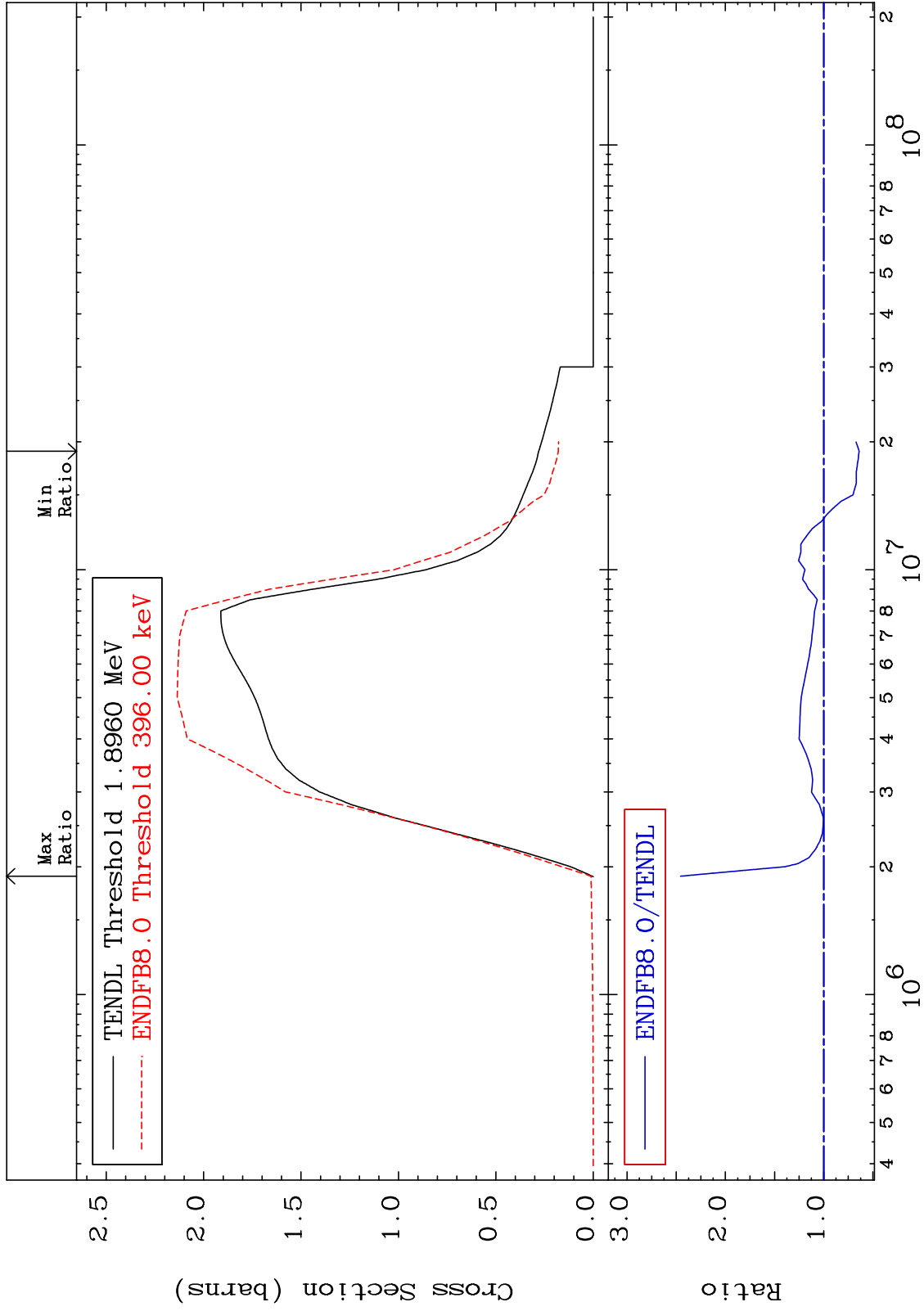




MAT 6243

(n, n') Continuum
Cross Section

62-Sm-150
-36.07 To 145.5 %



39

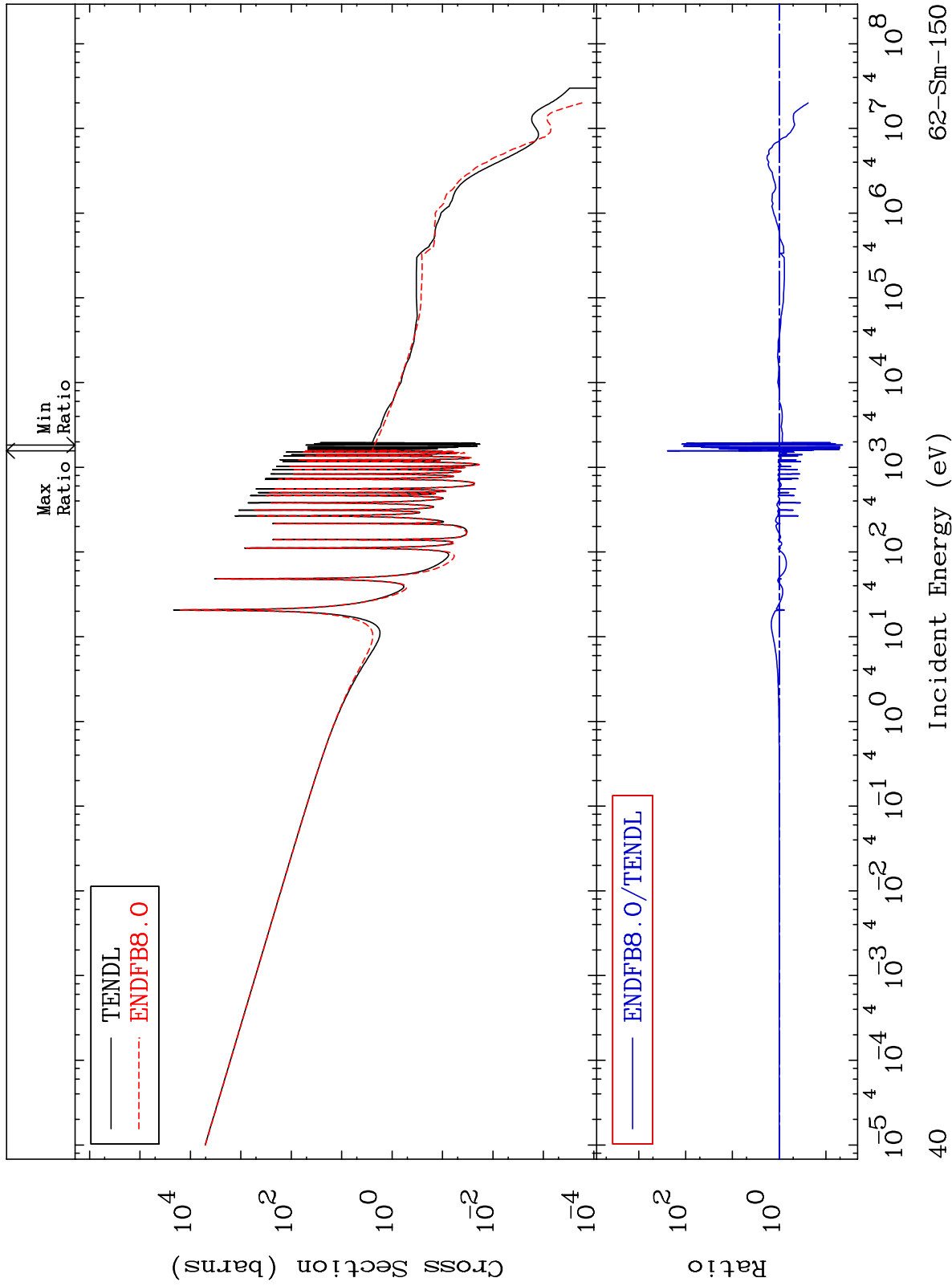
Incident Energy (eV)

62-Sm-150

MAT 6243

(n, γ)
Cross Section

62-Sm-150
-95.61 To 9999. %



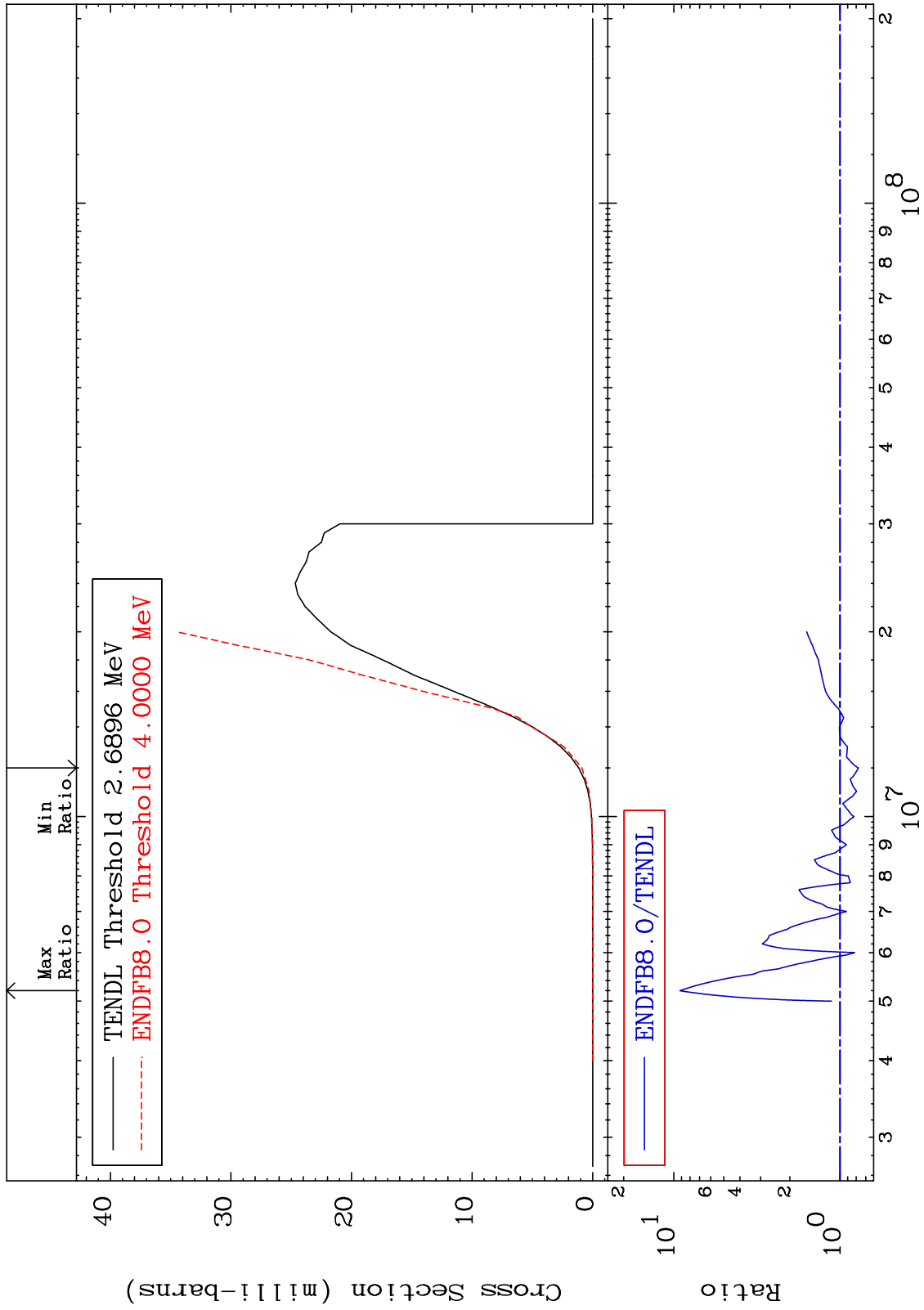
MAT 6243

(n, p)

62-Sm-150

Cross Section

-22.50 To 817.5 %



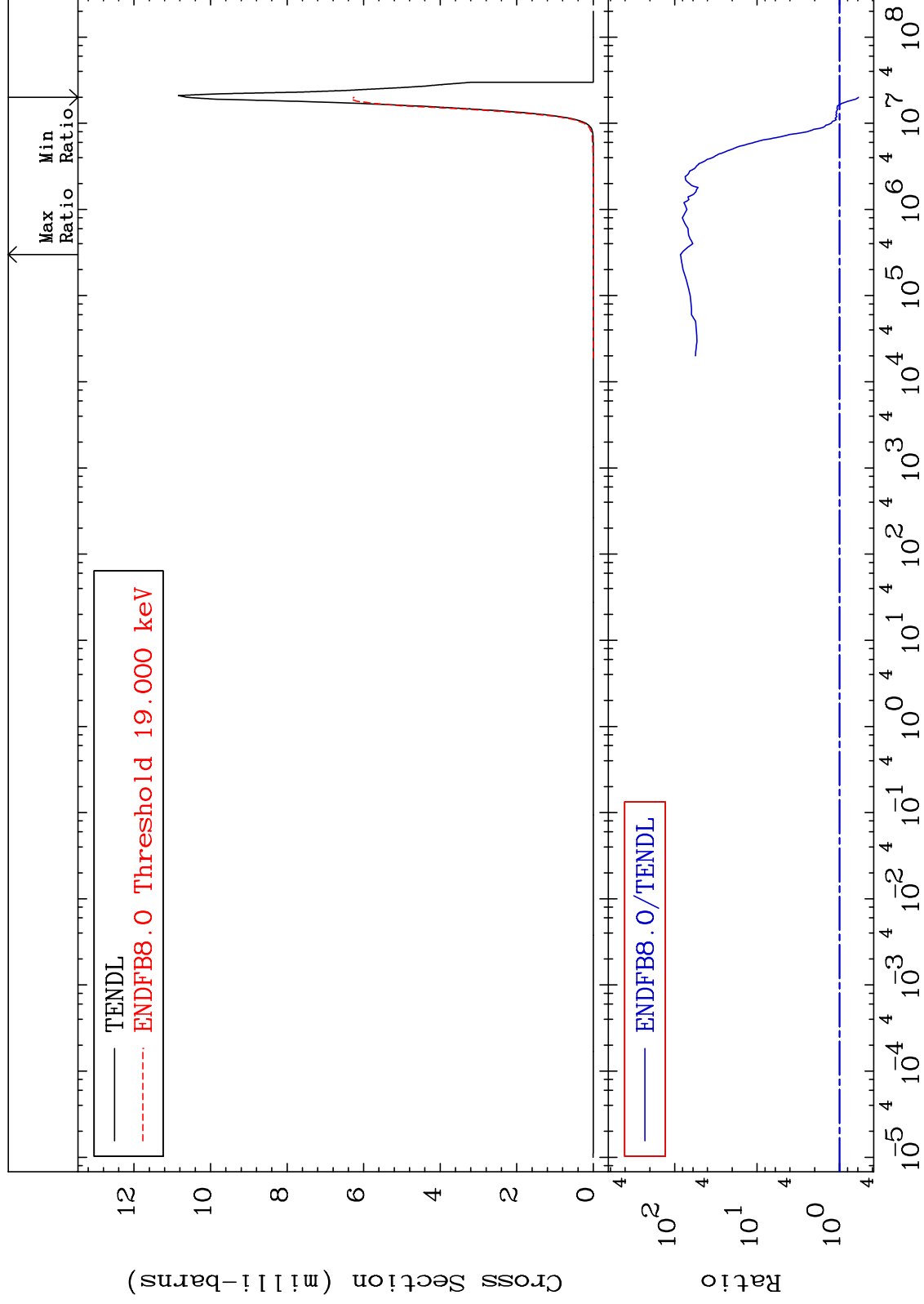
MAT 6243

(n, α)

Cross Section

62-Sm-150

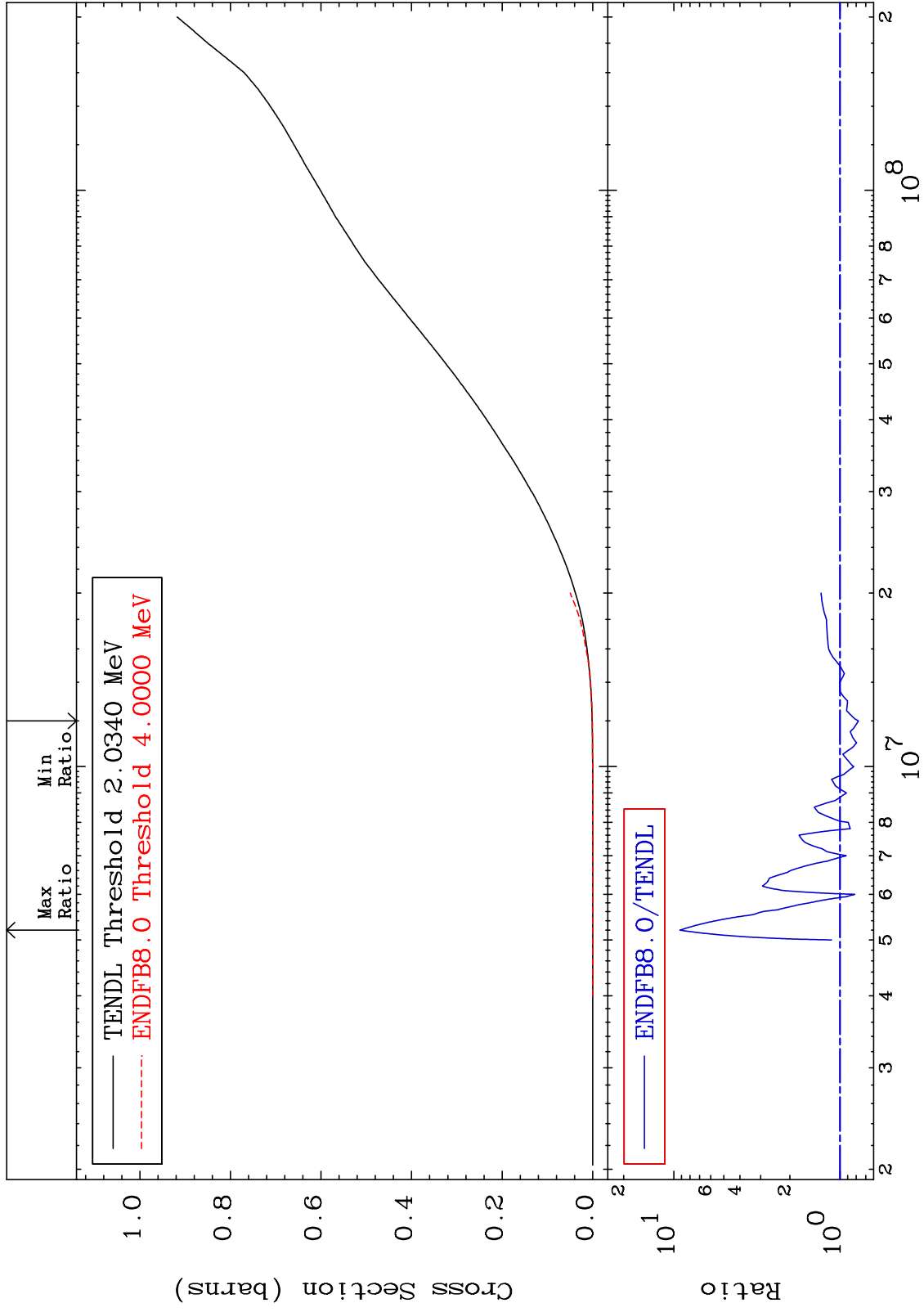
-41.14 To 8405. %



MAT 6243

Hydrogen Production
Cross Section

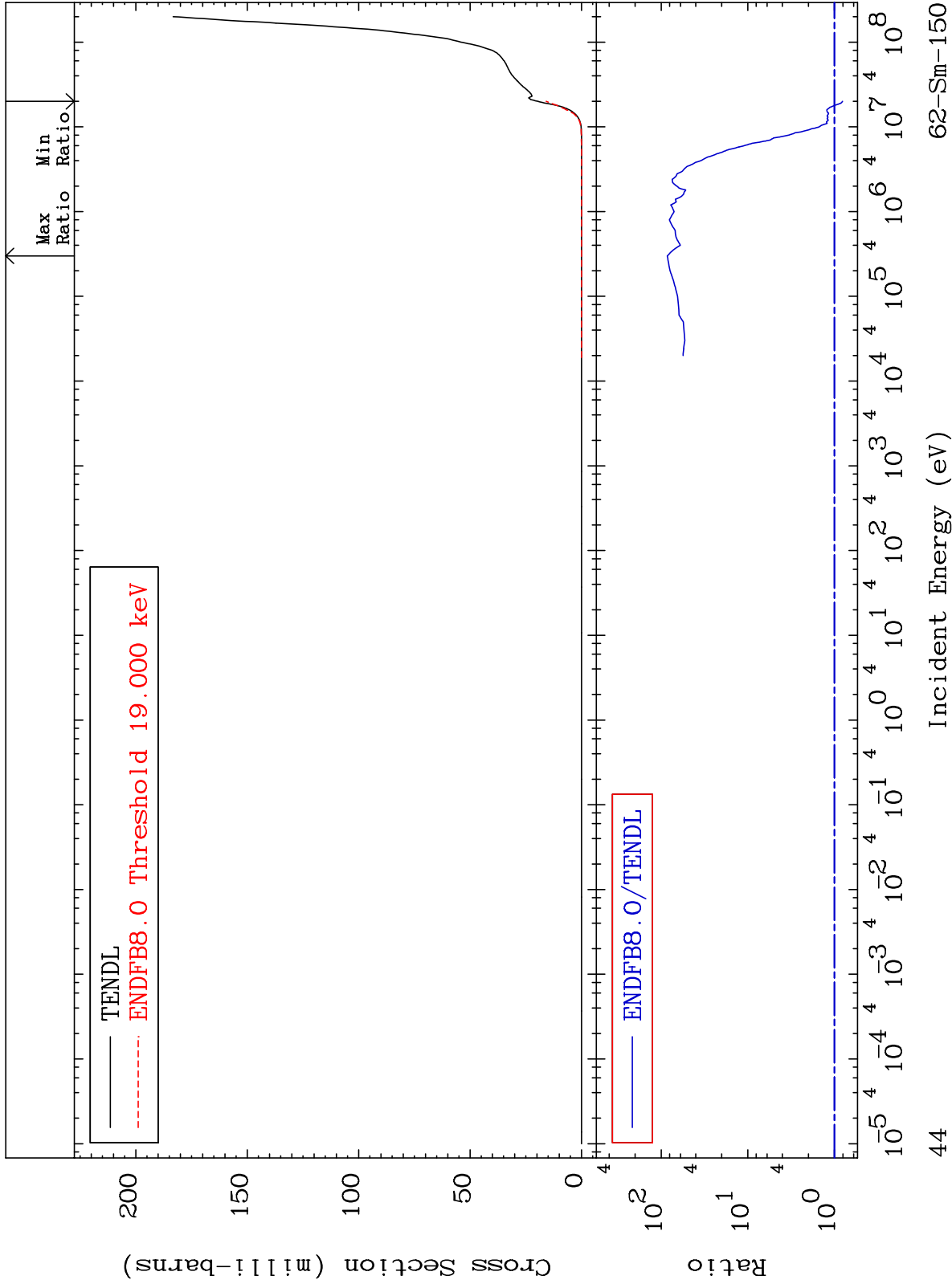
62-Sm-150
-22.51 To 817.5 %



MAT 6243

He-4 Production
Cross Section

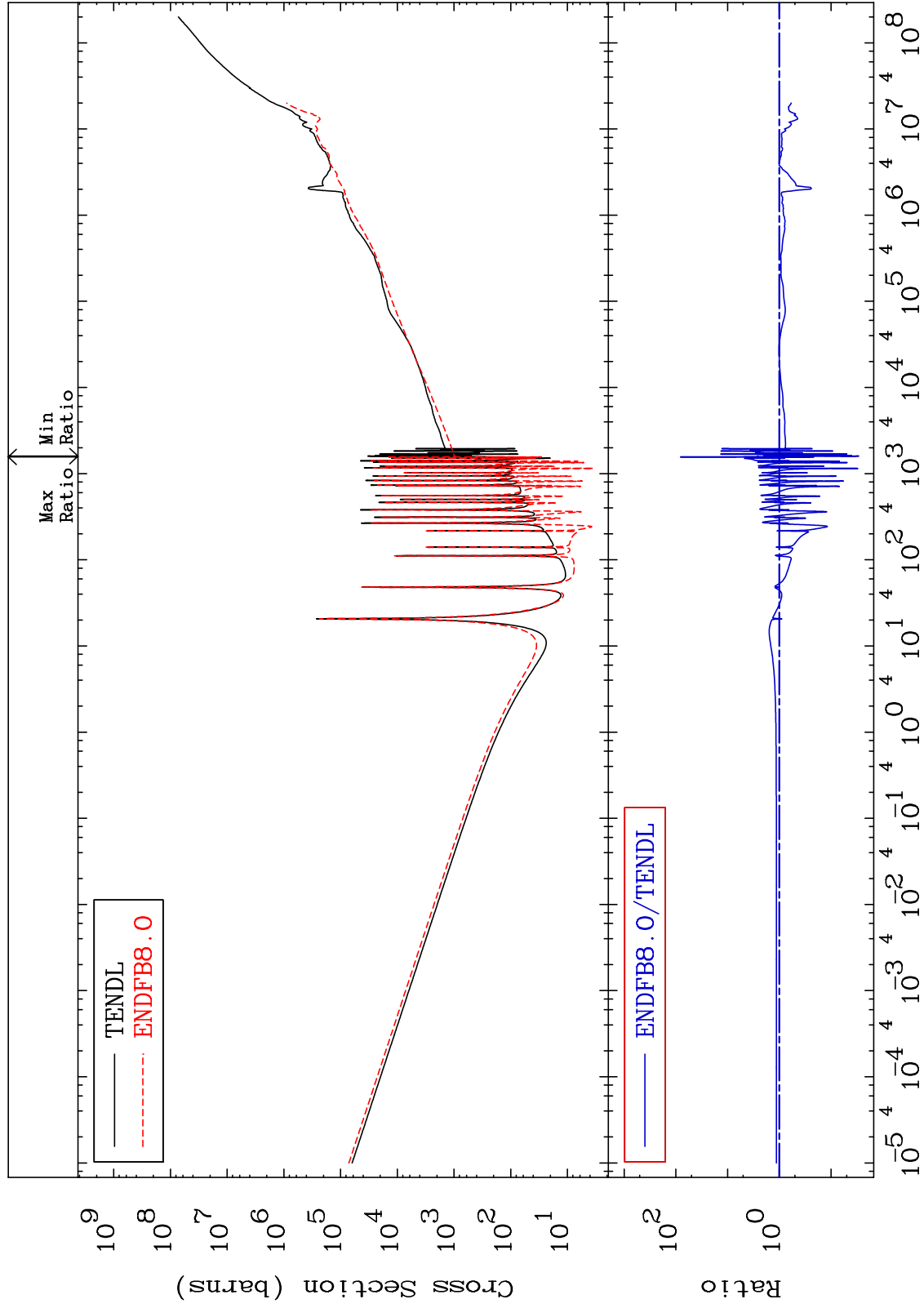
62-Sm-150
-19.40 To 8405. %



MAT 6243

Kerma total (eV-barns)
Cross Section

62-Sm-150
-97.06 To 8048. %



45

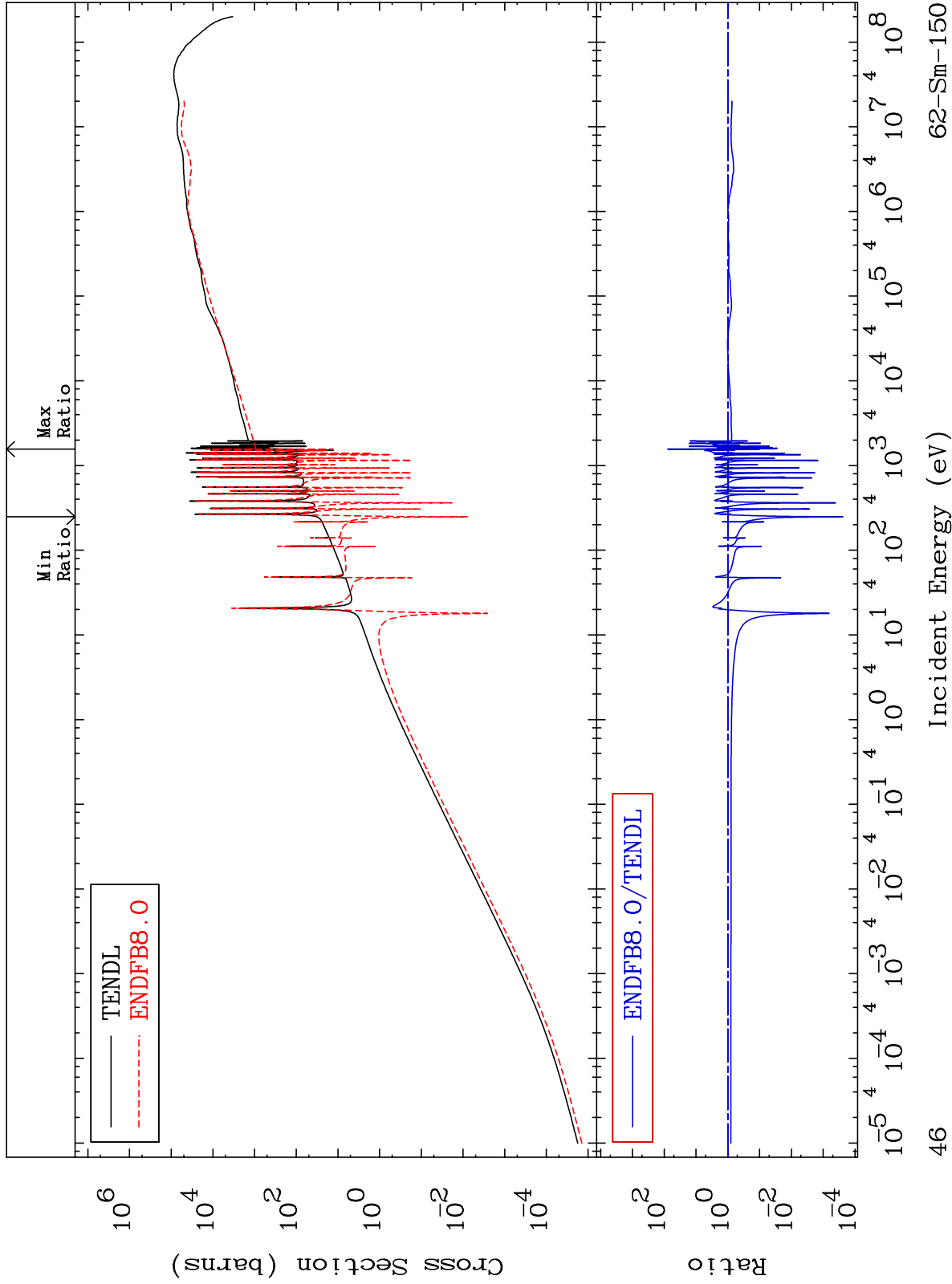
Incident Energy (eV)

62-Sm-150

MAT 6243

Kerma elastic
Cross Section

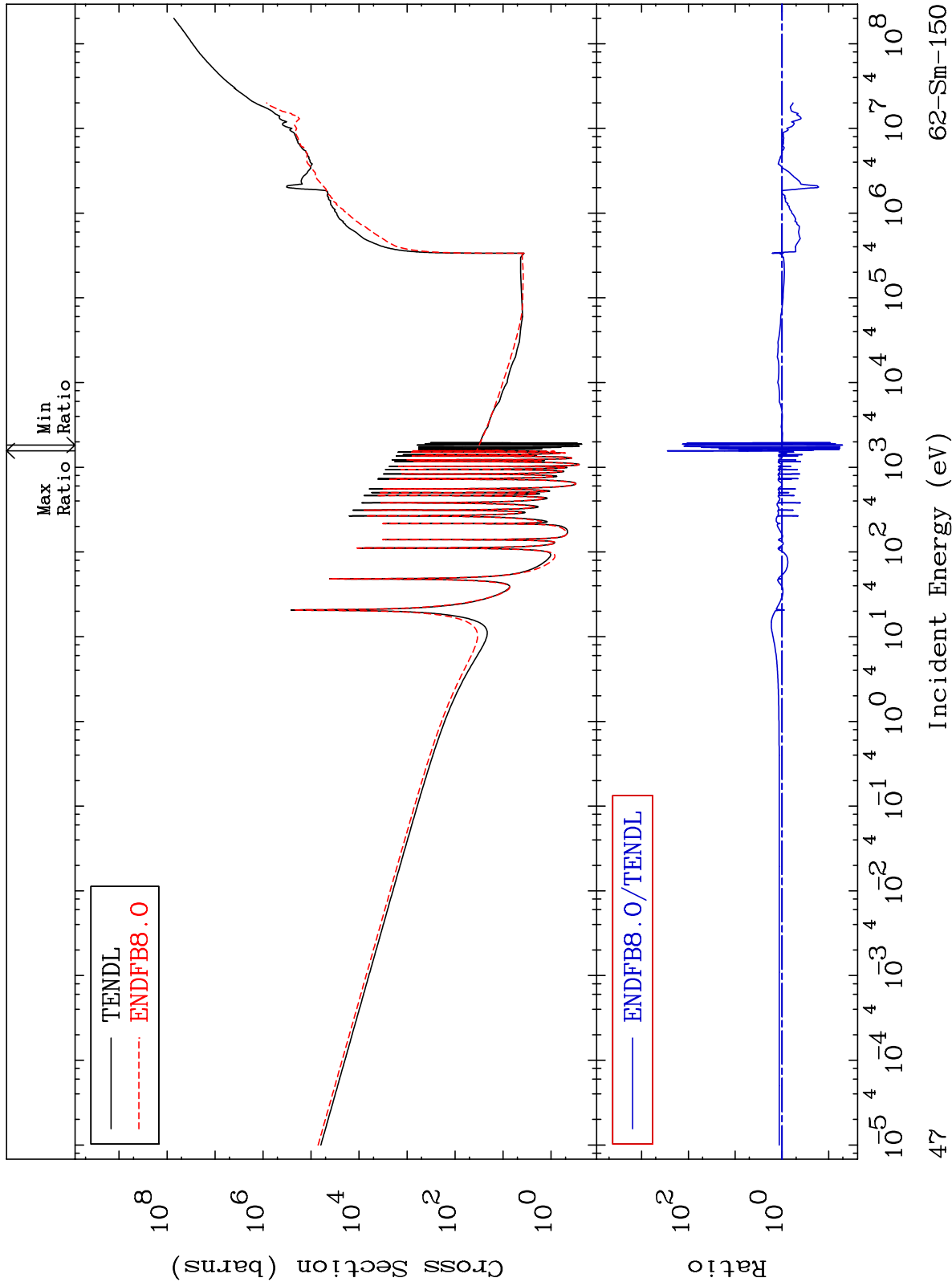
62-Sm-150
-99.98 To 7763. %



MAT 6243

Kerma non-elastic (all but mt2)
Cross Section

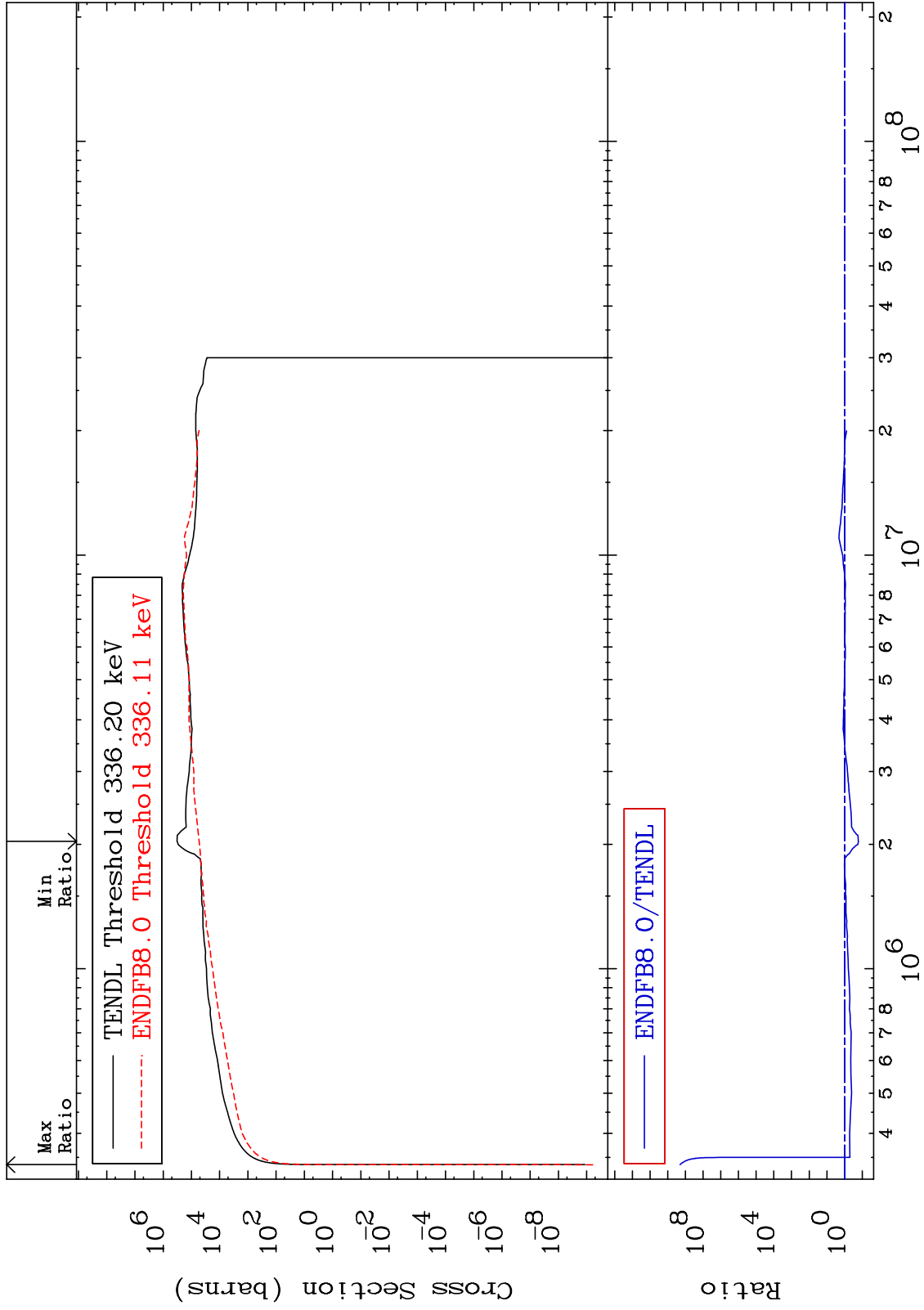
62-Sm-150
-94.95 To 9999. %



MAT 6243

Kerma inelastic (mt51-91)
Cross Section

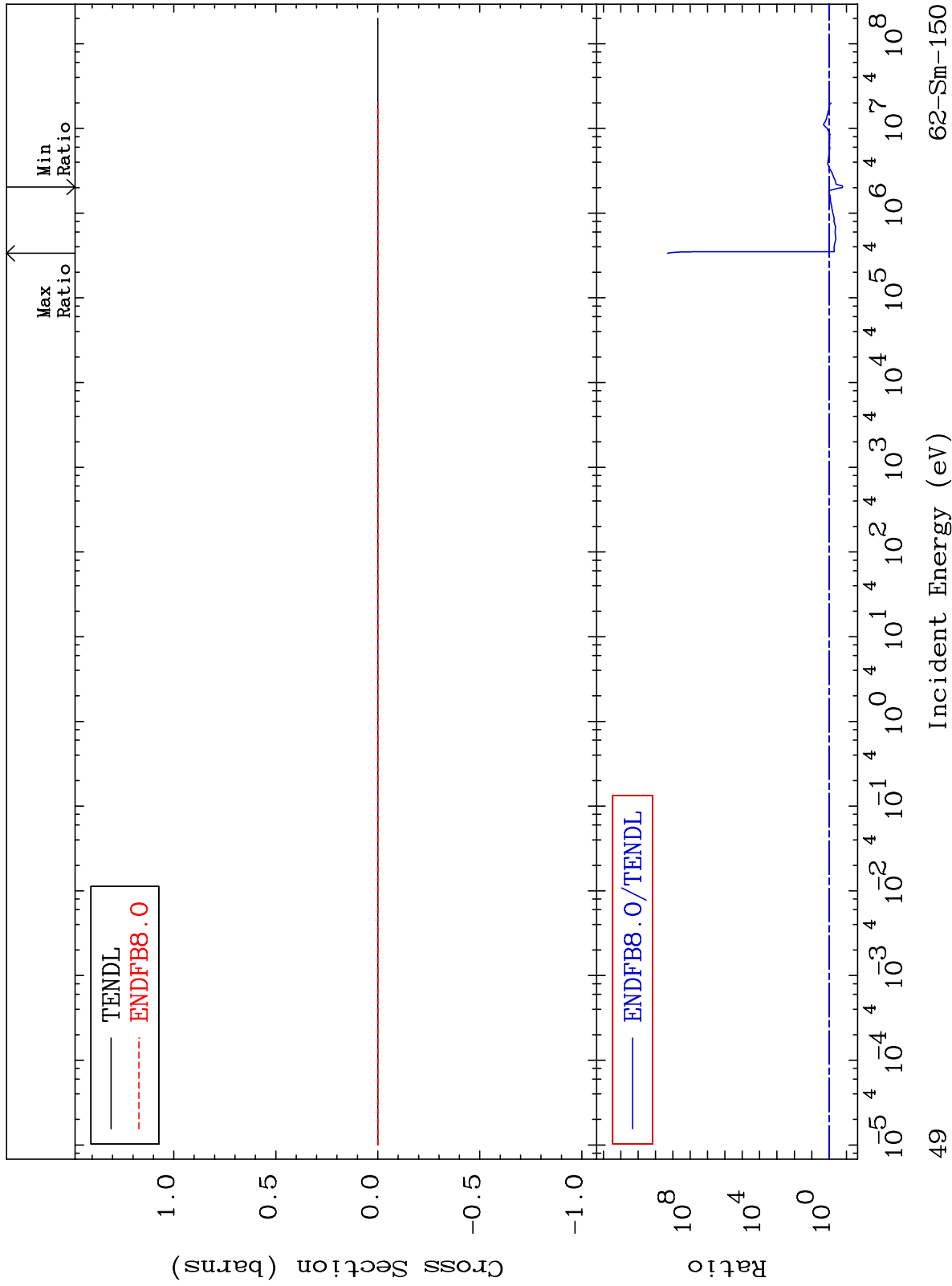
62-Sm-150
-83.49 To 9999. %



MAT 6243

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

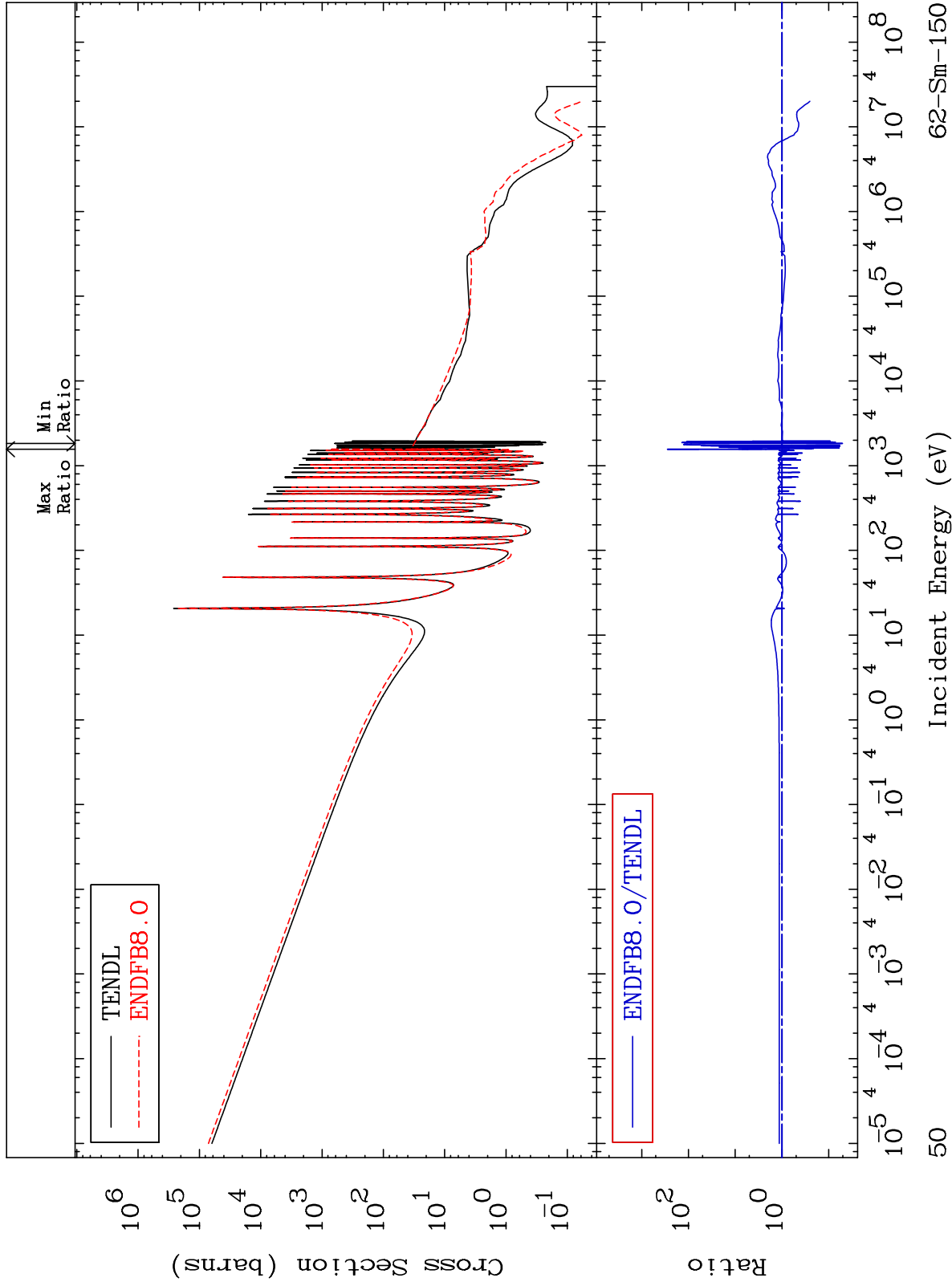
62-Sm-150
-83.49 To 9999. %



MAT 6243

Kerma capture (mt102)
Cross Section

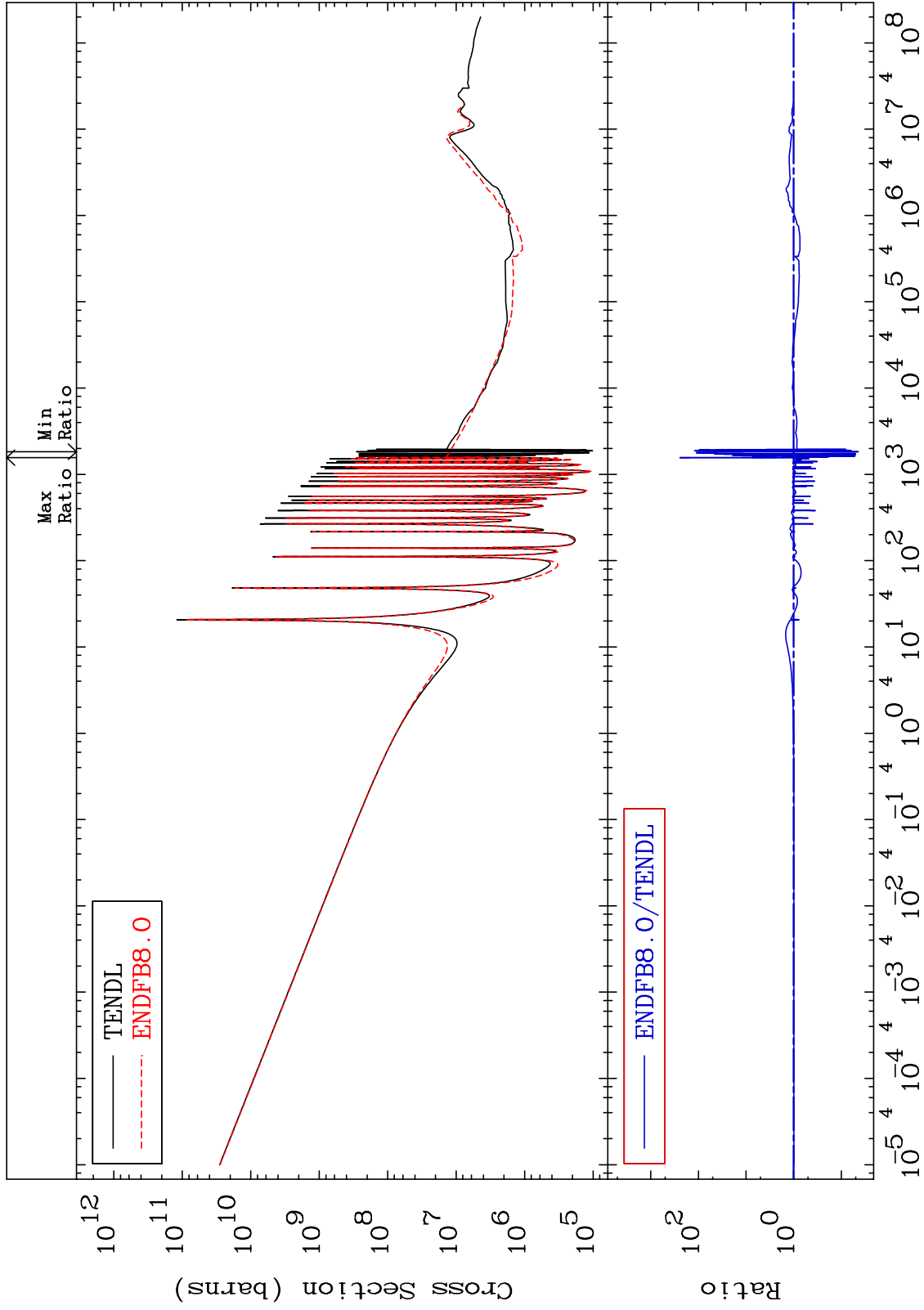
62-Sm-150
-94.95 To 9999. %



MAT 6243

Total photon (eV-barns)
Cross Section

62-Sm-150
-95.62 To 9999. %



51

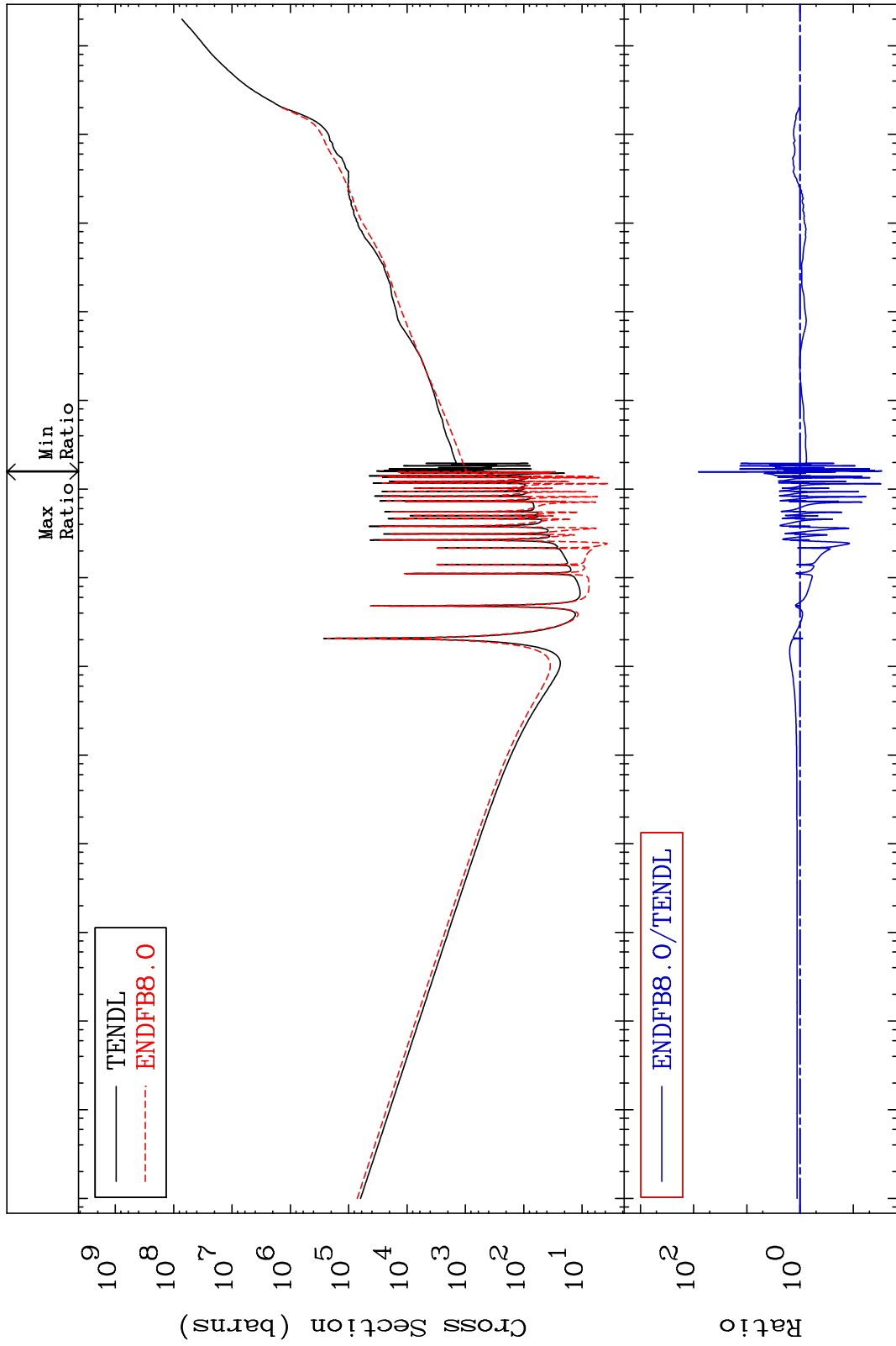
Incident Energy (eV)

62-Sm-150

MAT 6243

Total kinematic kerma (high limit)
Cross Section

62-Sm-150
-97.06 To 8048. %



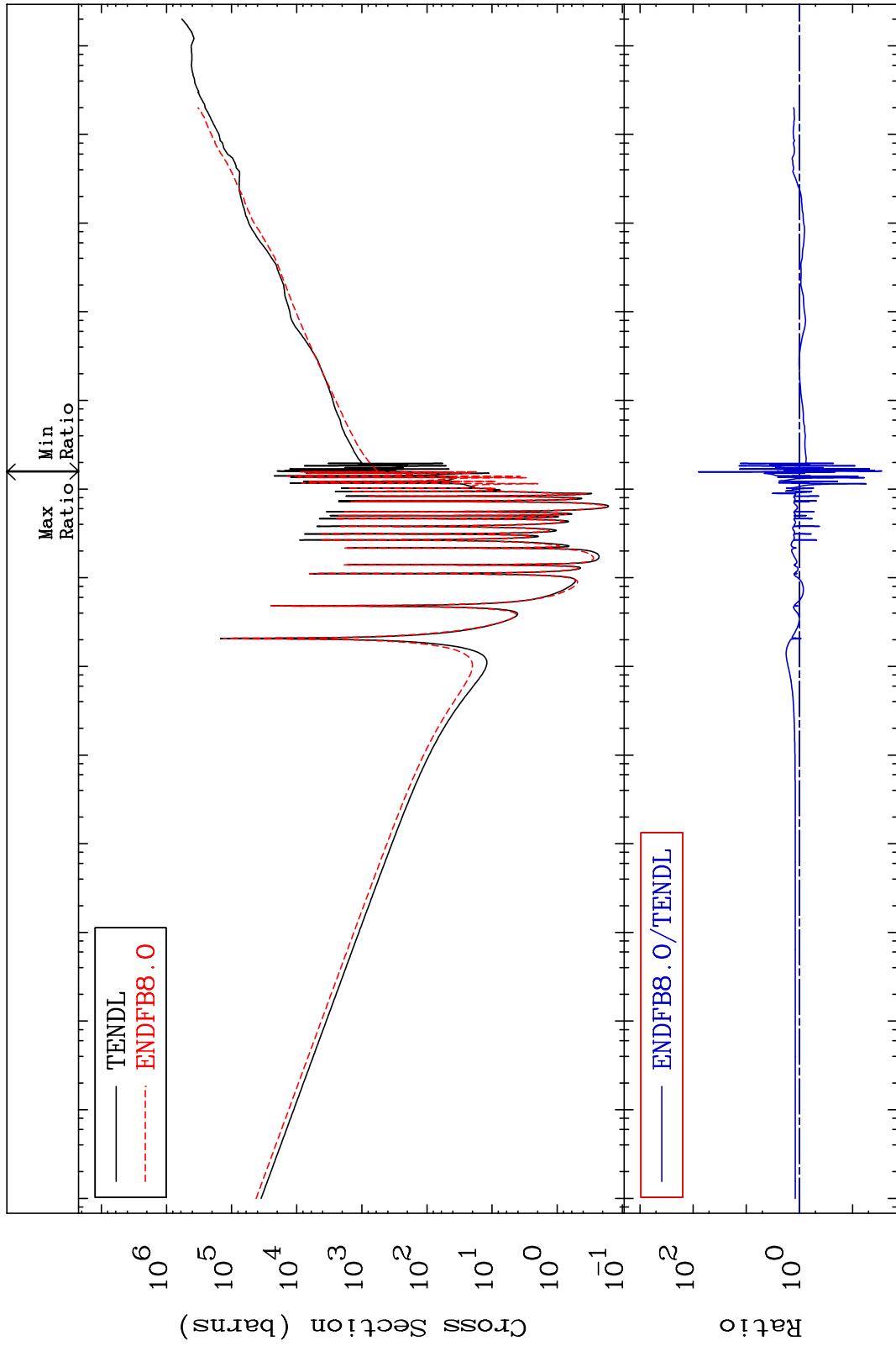
MAT 6243

Dpa total (eV-barns)

62-Sm-150

-97.14 To 7869. %

Cross Section



Ratio

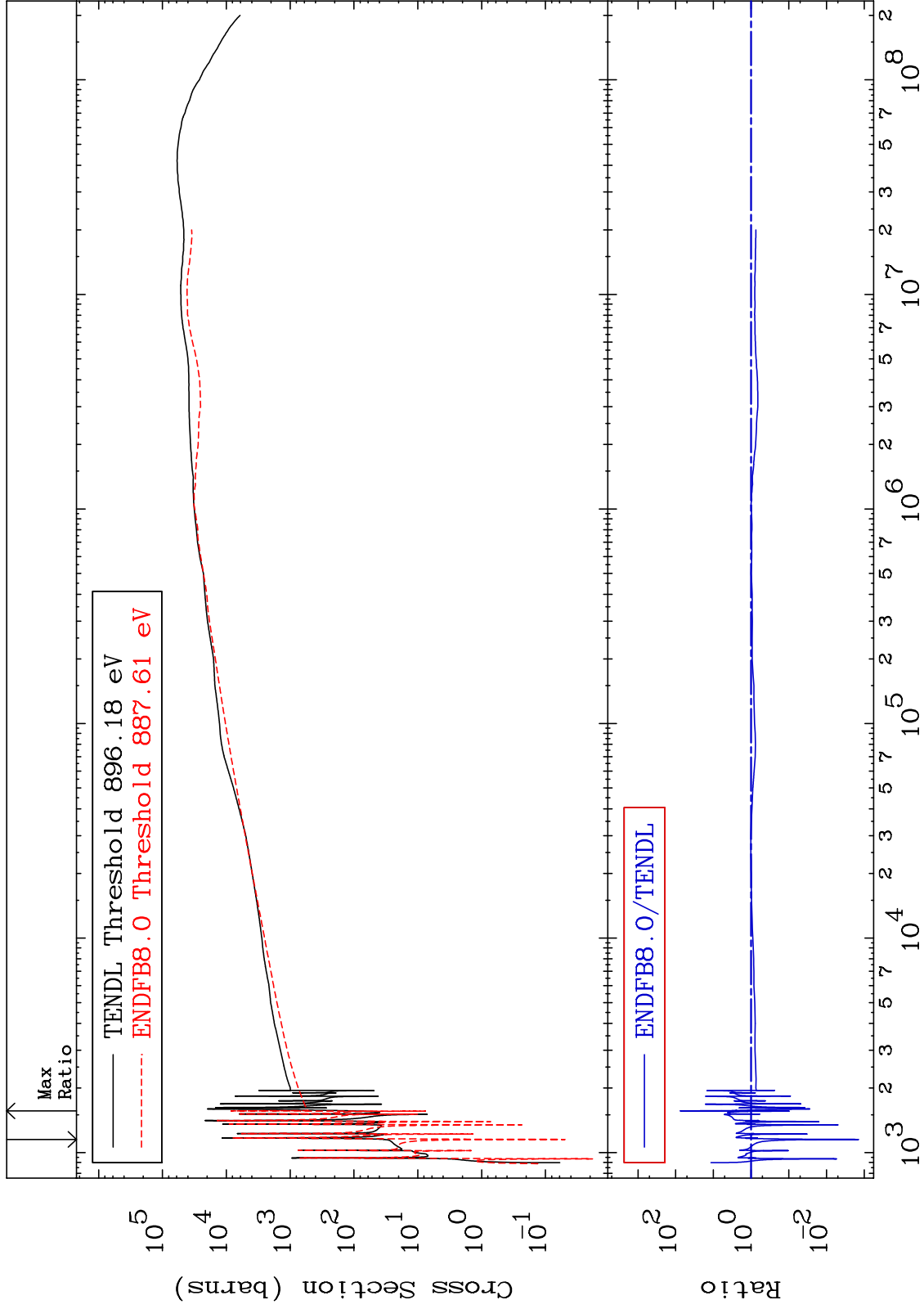
Incident Energy (eV)

62-Sm-150

MAT 6243

Dpa elastic (mt2)
Cross Section

62-Sm-150
-99.86 To 7574. %



54

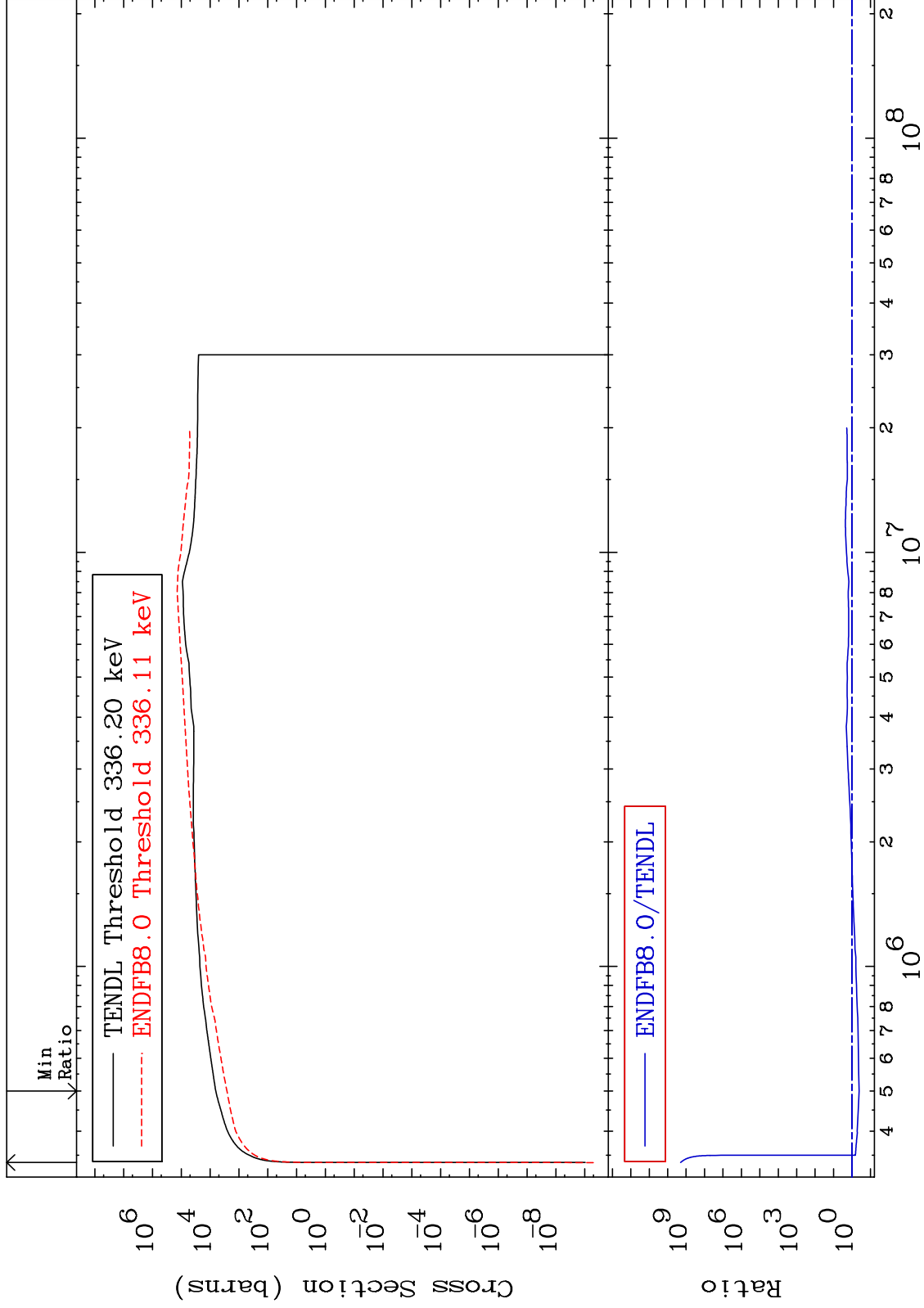
Incident Energy (eV)

62-Sm-150

MAT 6243

Dpa inelastic (mt51-91)
Cross Section

62-Sm-150
-59.38 To 9999. %



MAT 6243

Dpa disappearance (mt102 -120)
Cross Section

62-Sm-150
-94.72 To 9999. %

