

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

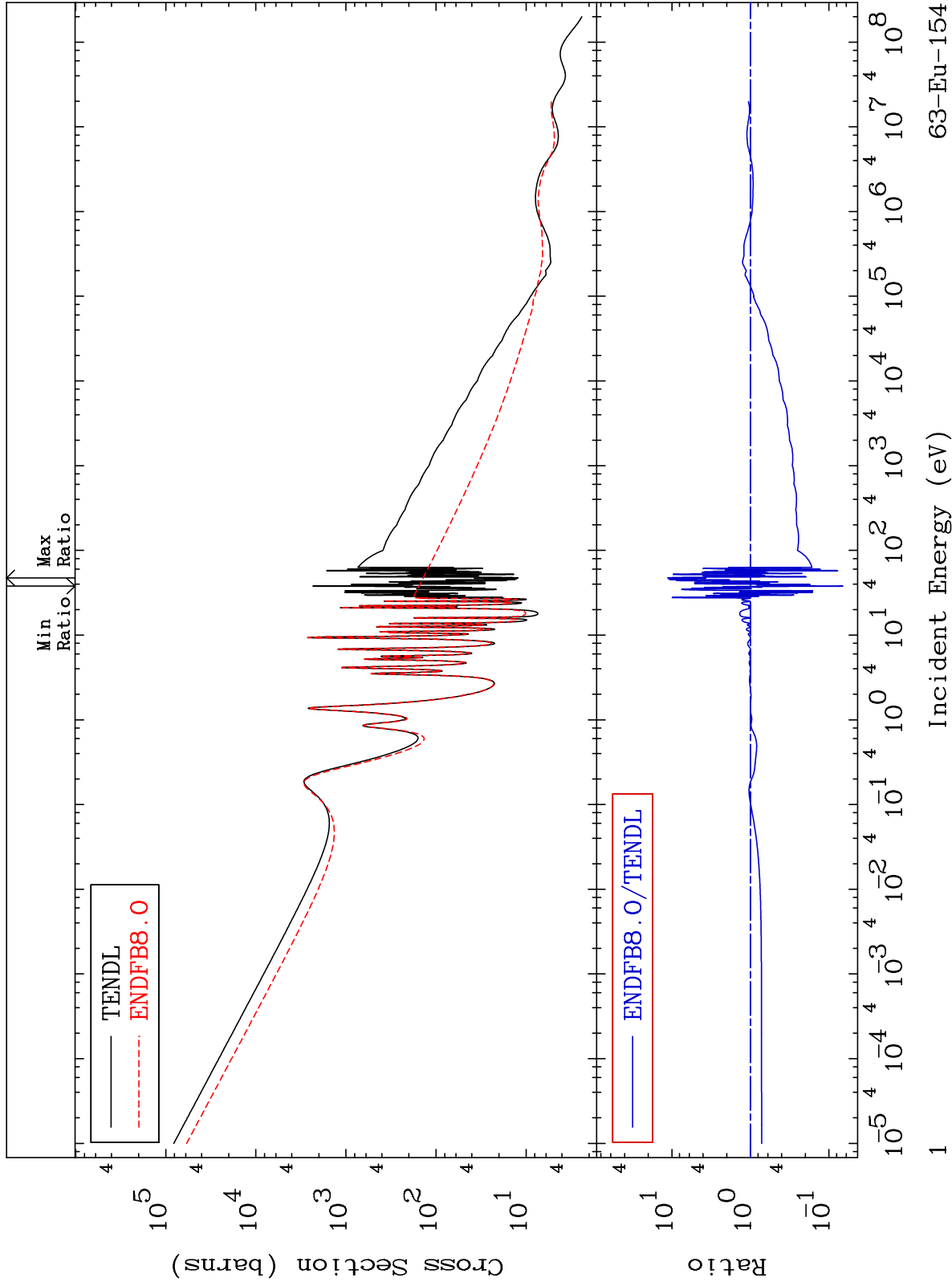
MAT 6334

Total

63-Eu-154

Cross Section

-93.32 To 1035. %



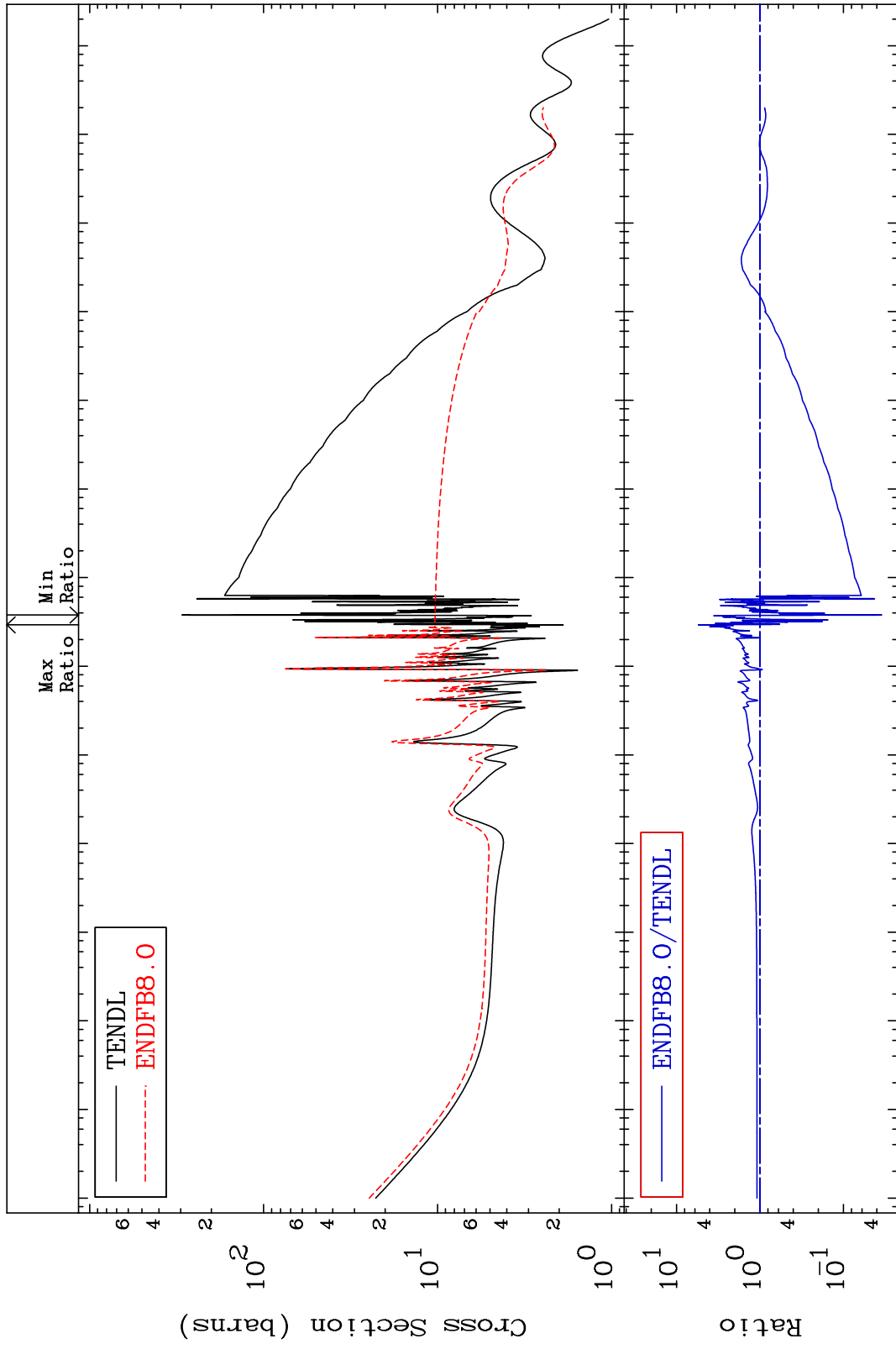
MAT 6334

Elastic

63-Eu-154

Cross Section

-96.50 To 446.6 %



Incident Energy (eV)

63-Eu-154

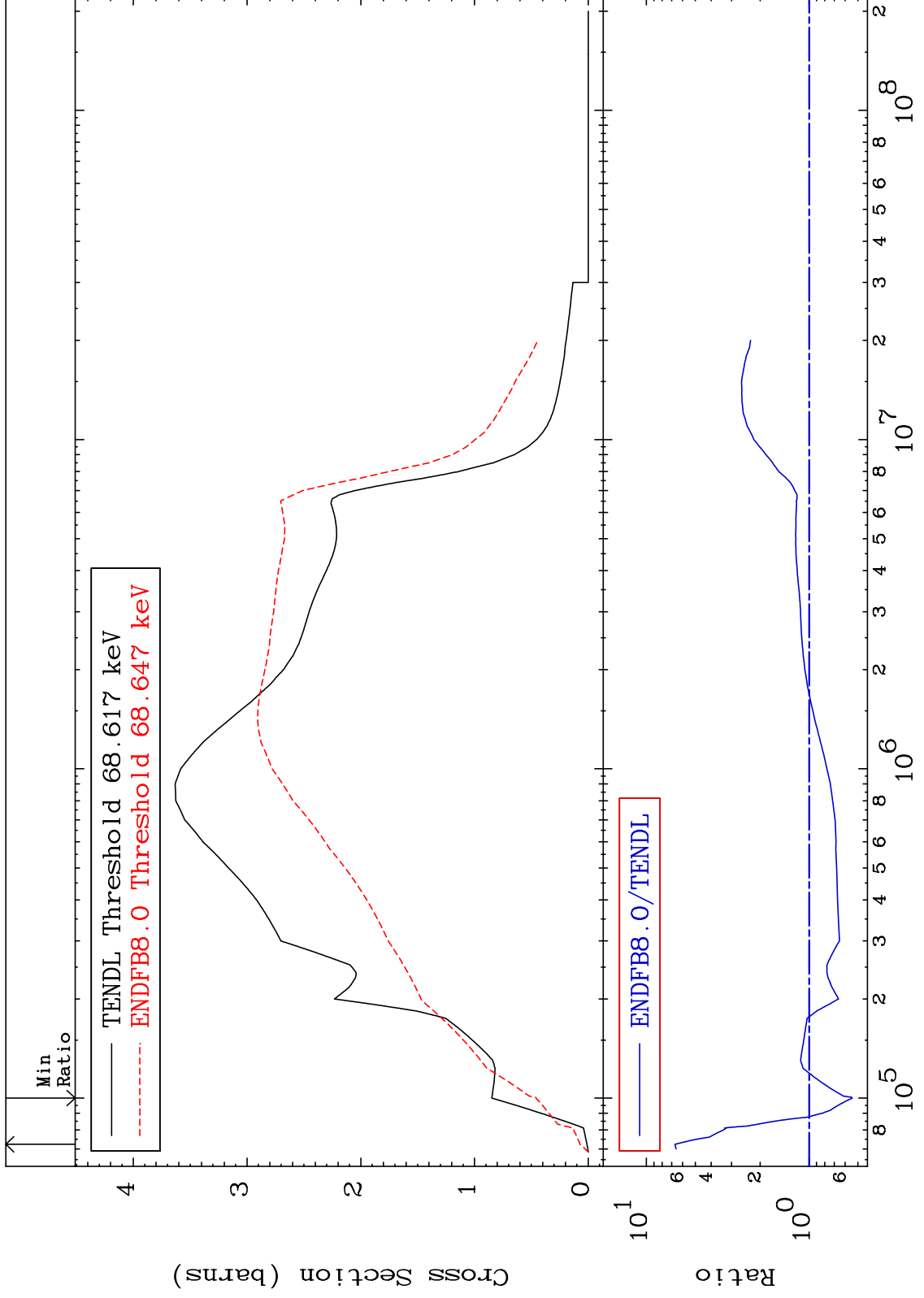
2

MAT 6334

Inelastic  
Cross Section

63-Eu-154

-45.83 To 567.1 %



3

Incident Energy (eV)

63-Eu-154

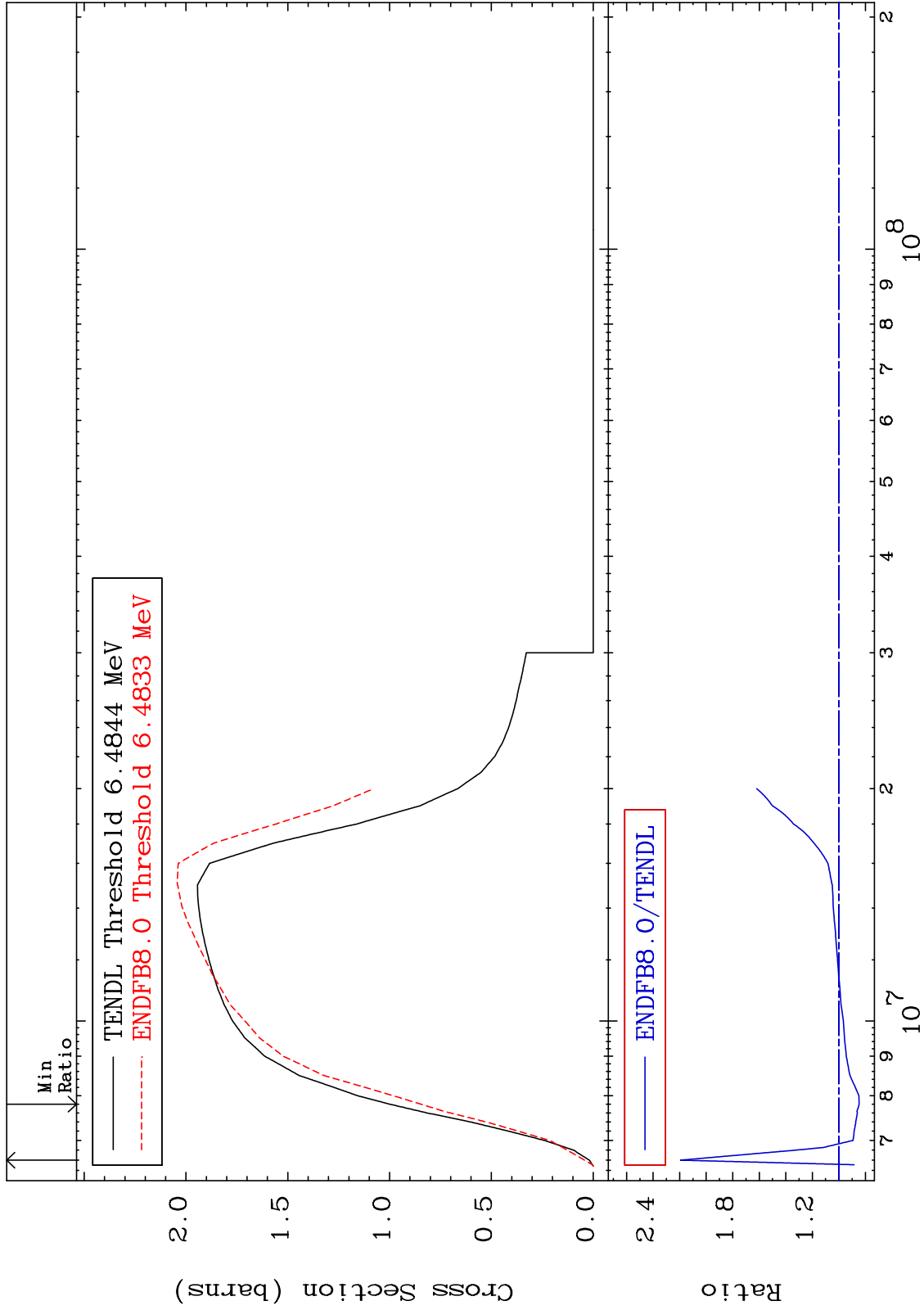
MAT 6334

(n,2n)

63-Eu-154

Cross Section

-15.32 To 119.3 %



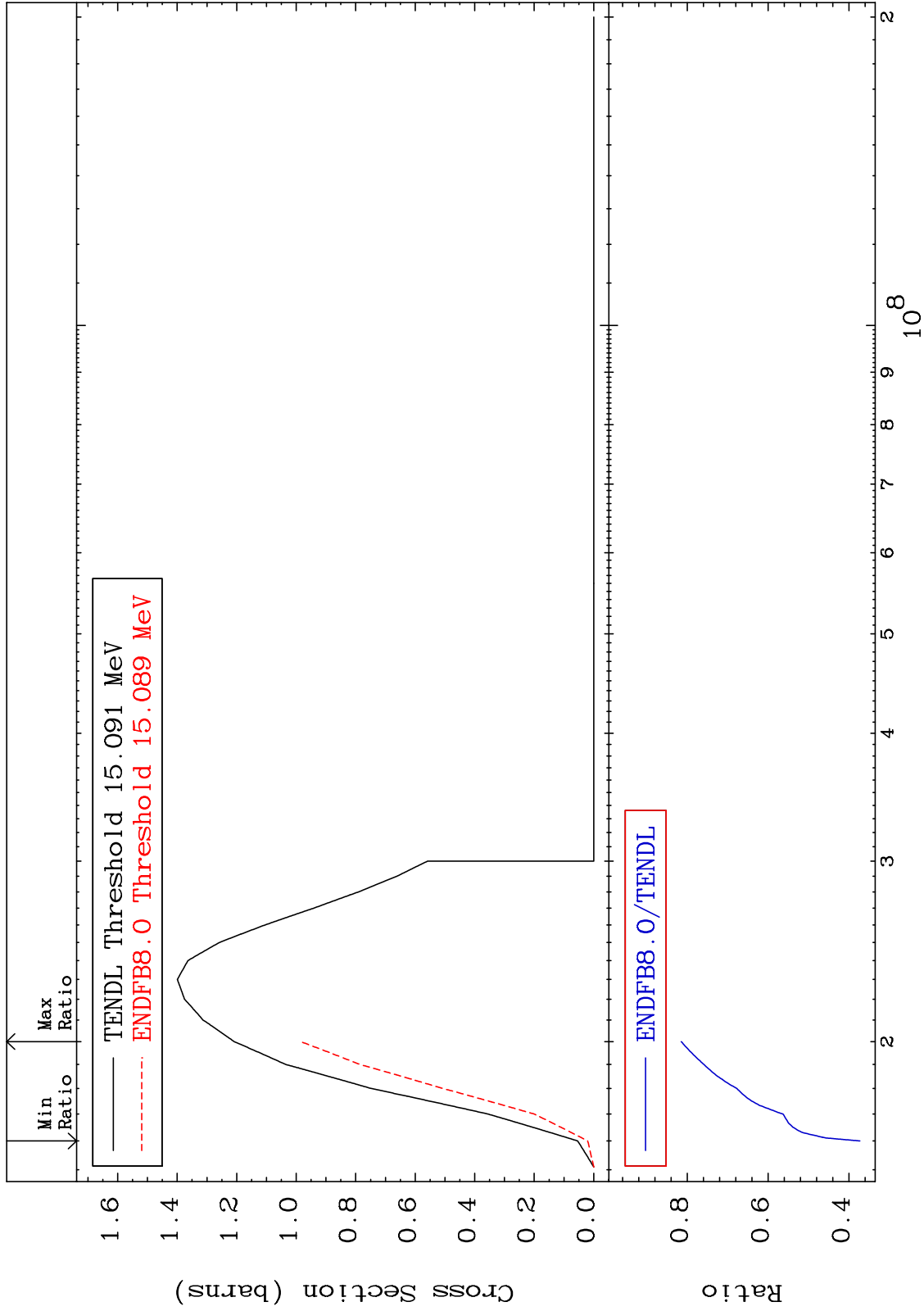
MAT 6334

(n, 3n)

63-Eu-154

Cross Section

-62.71 To -18.51%



5

Incident Energy (eV)

63-Eu-154

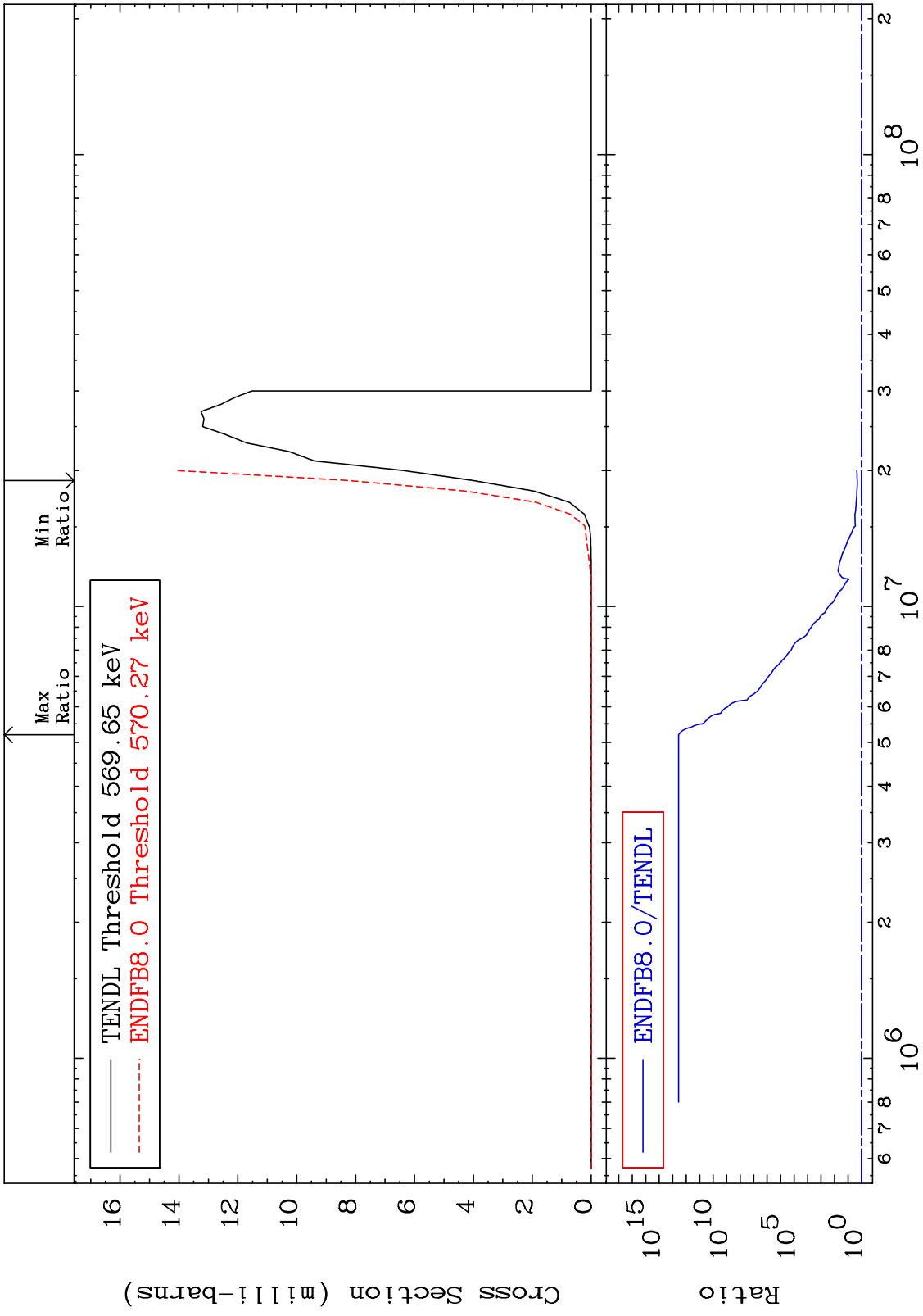
MAT 6334

(n, n')  $\alpha$

63-Eu-154

105.4 To 9999. %

Cross Section



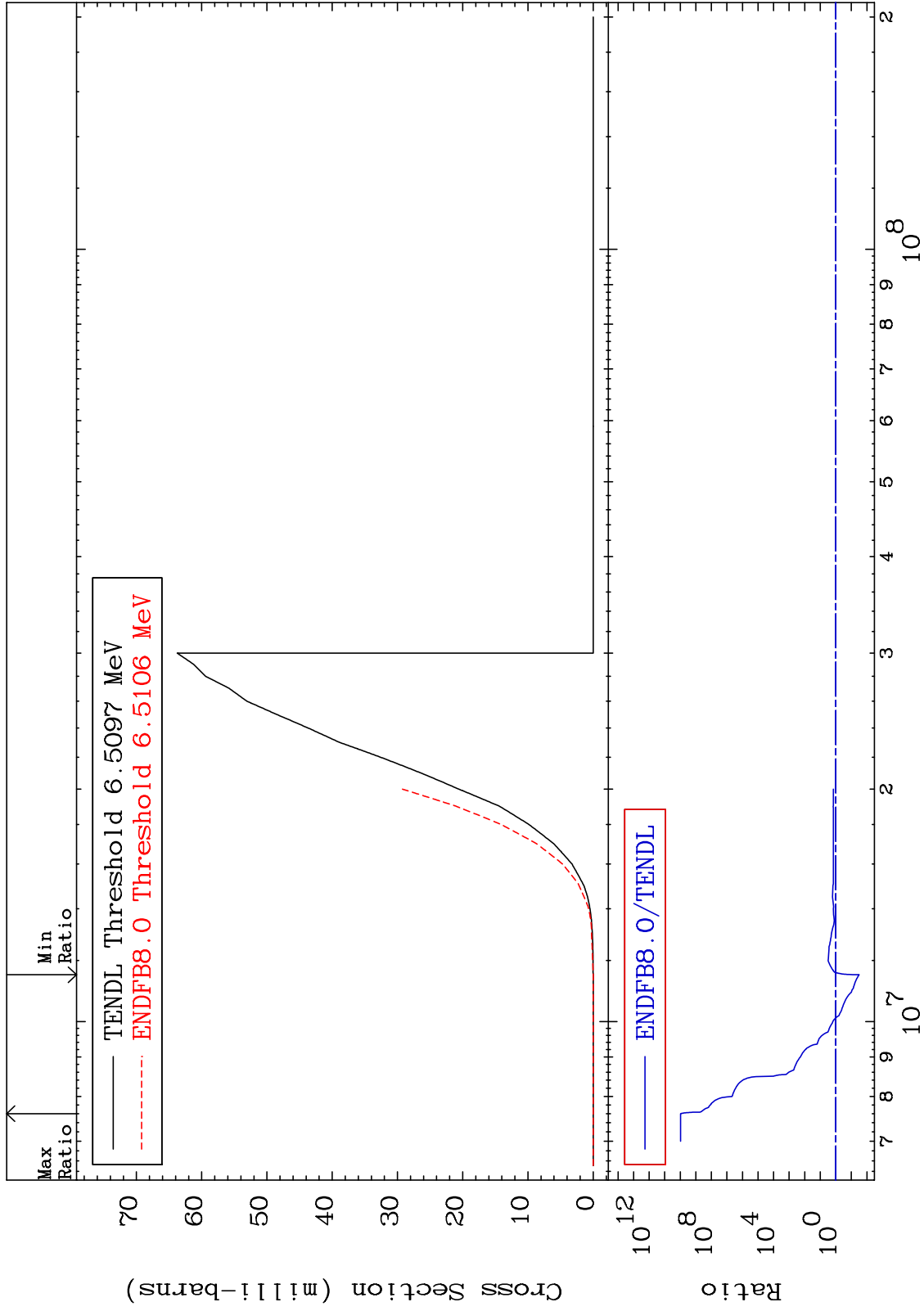
MAT 6334

(n,n') p

63-Eu-154

Cross Section

-96.85 To 9999. %



7

Incident Energy (eV)

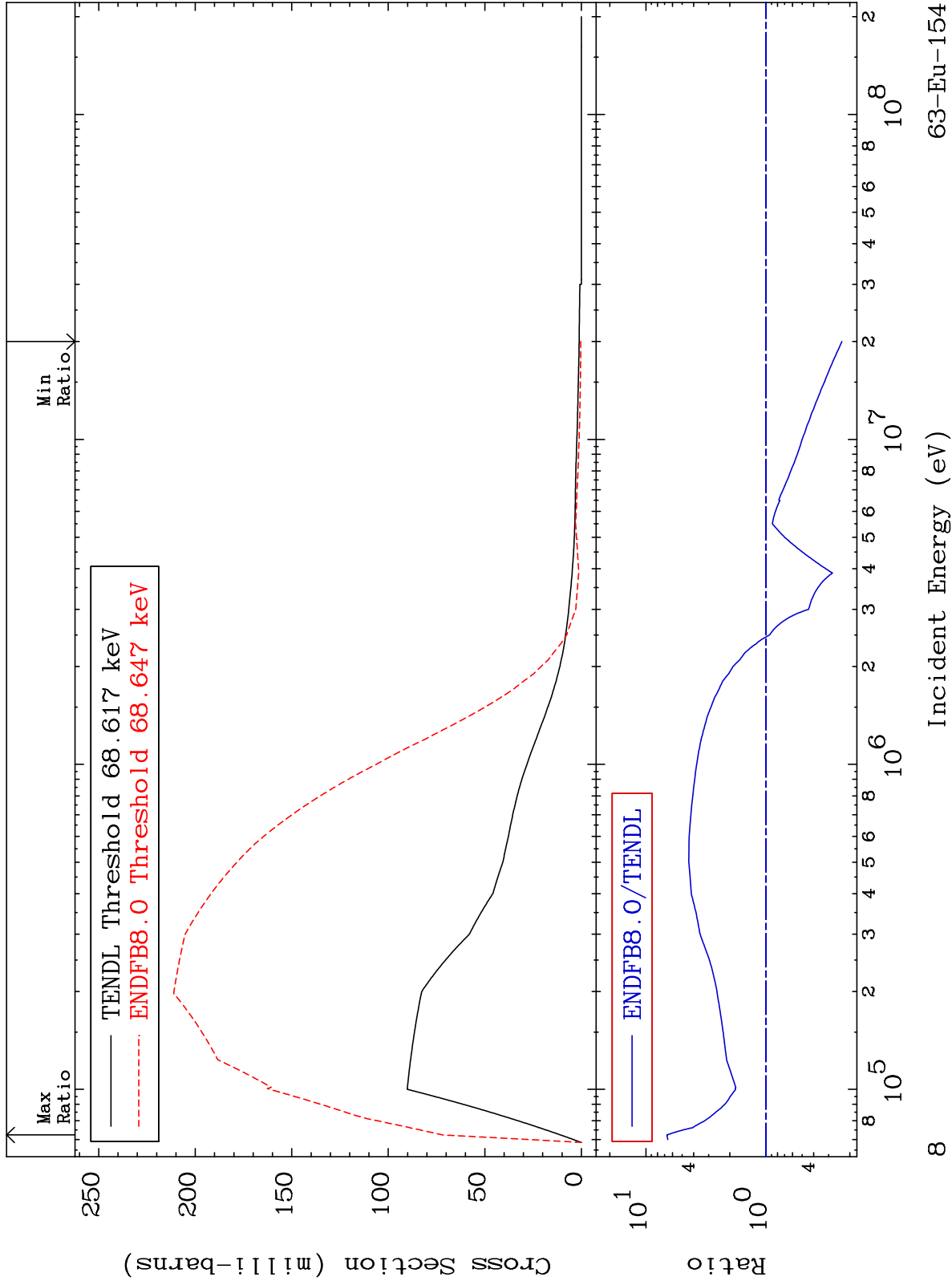
63-Eu-154



MAT 6334

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

63-Eu-154  
-76.73 To 567.1 %



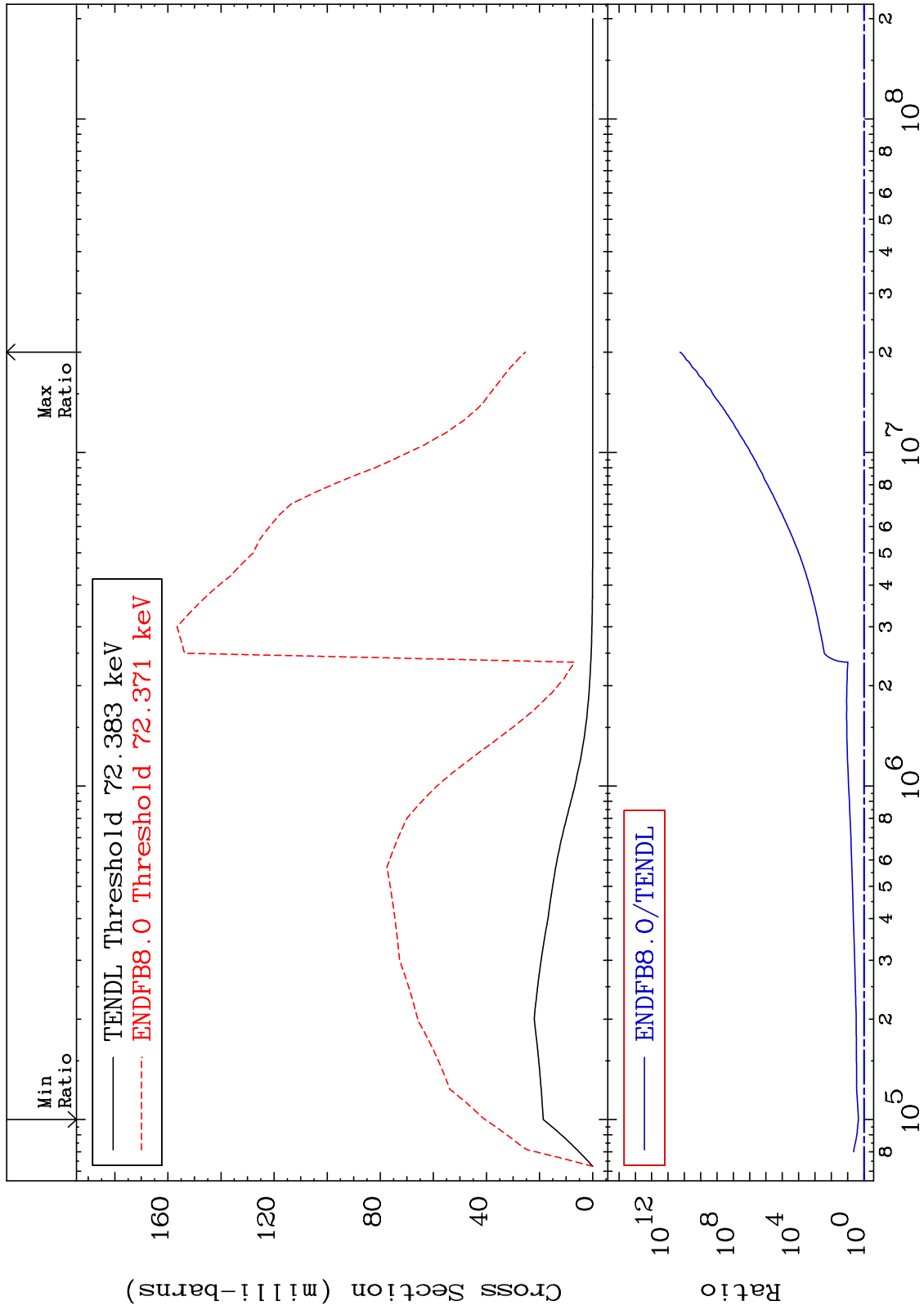
63-Eu-154

8

MAT 6334

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

63-Eu-154  
118.1 To 9999. %



9

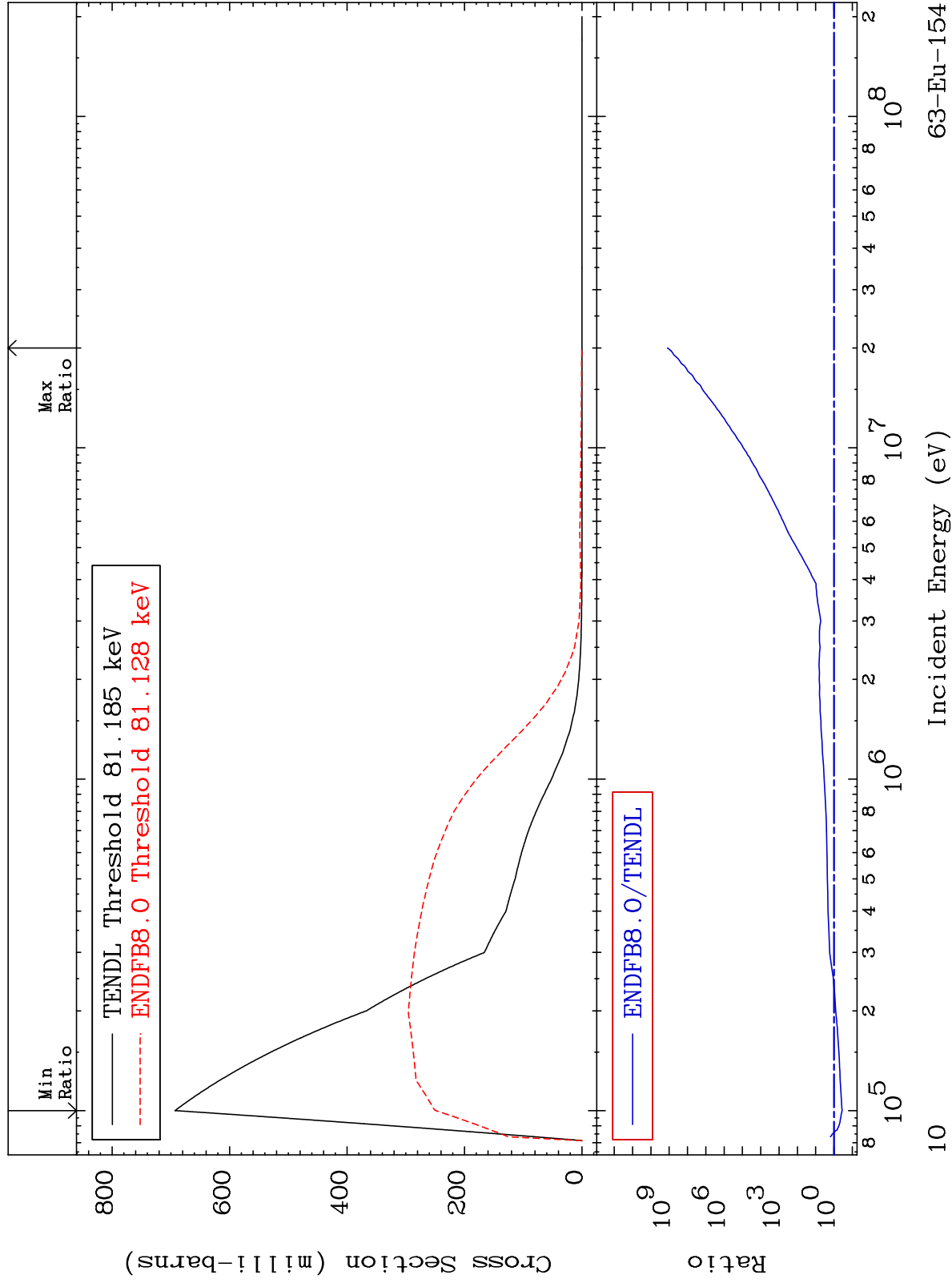
Incident Energy (eV)

63-Eu-154

MAT 6334

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

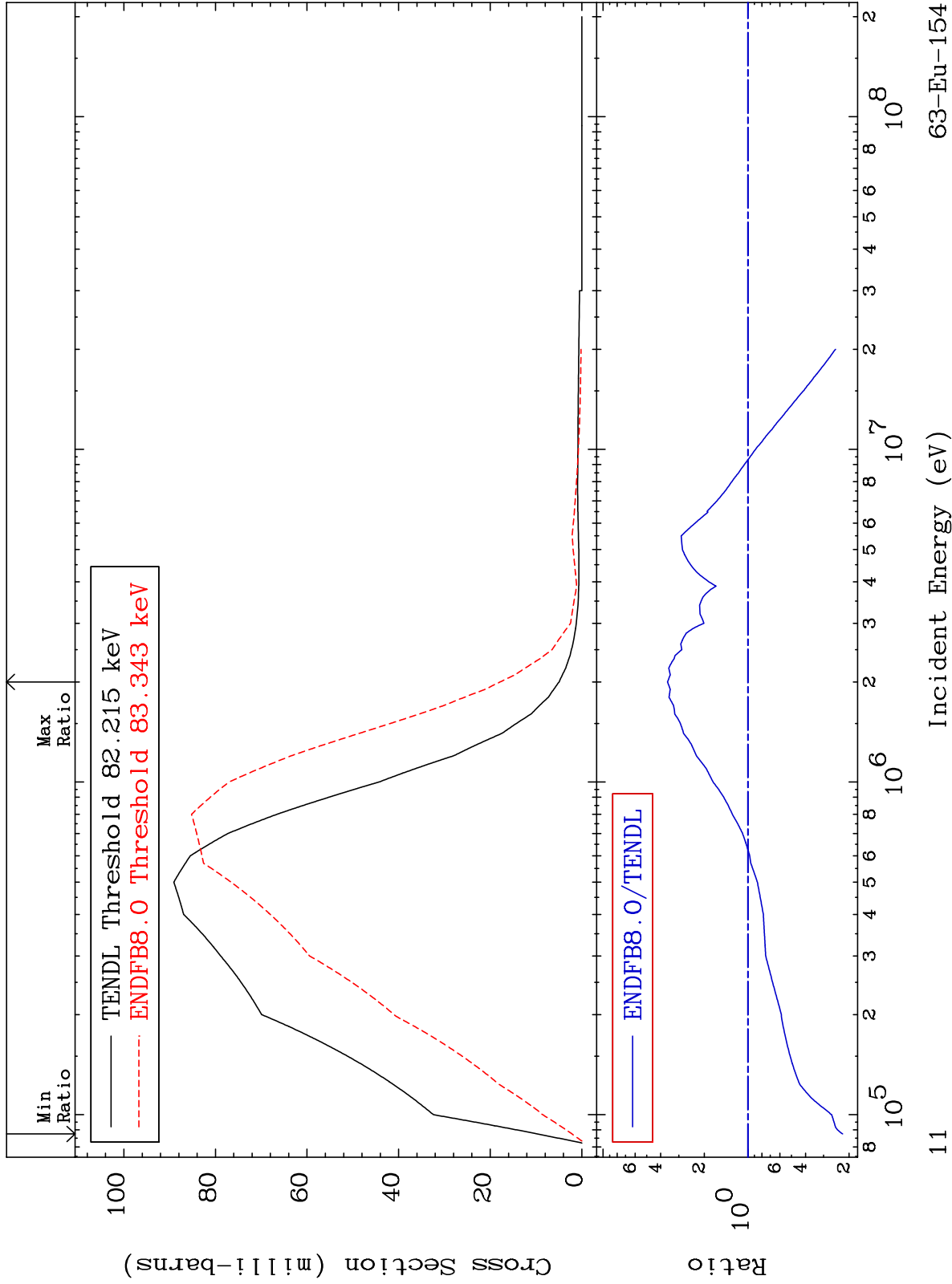
63-Eu-154  
-64.08 To 9999. %



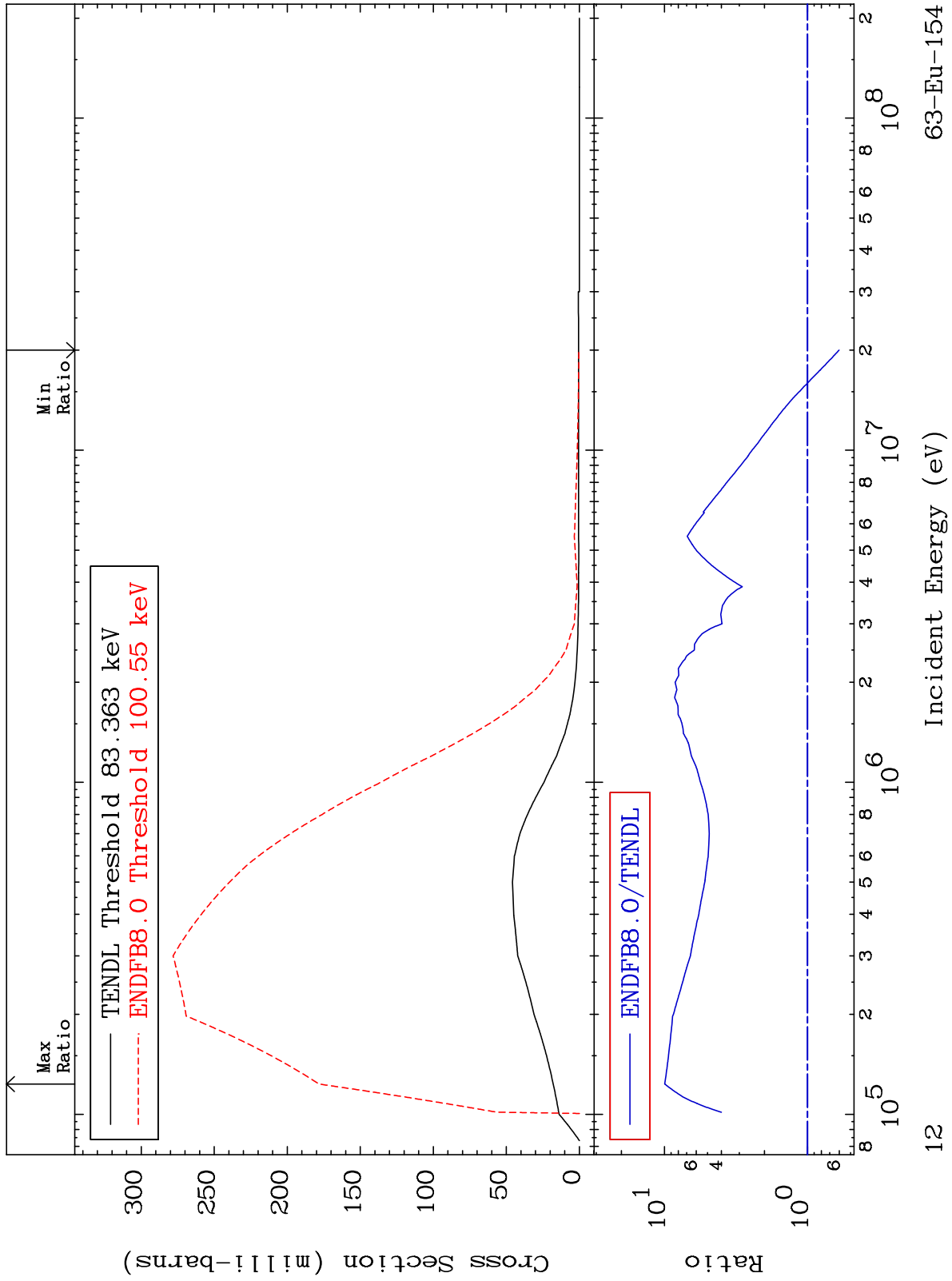
MAT 6334

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

63-Eu-154  
-77.86 To 258.9 %



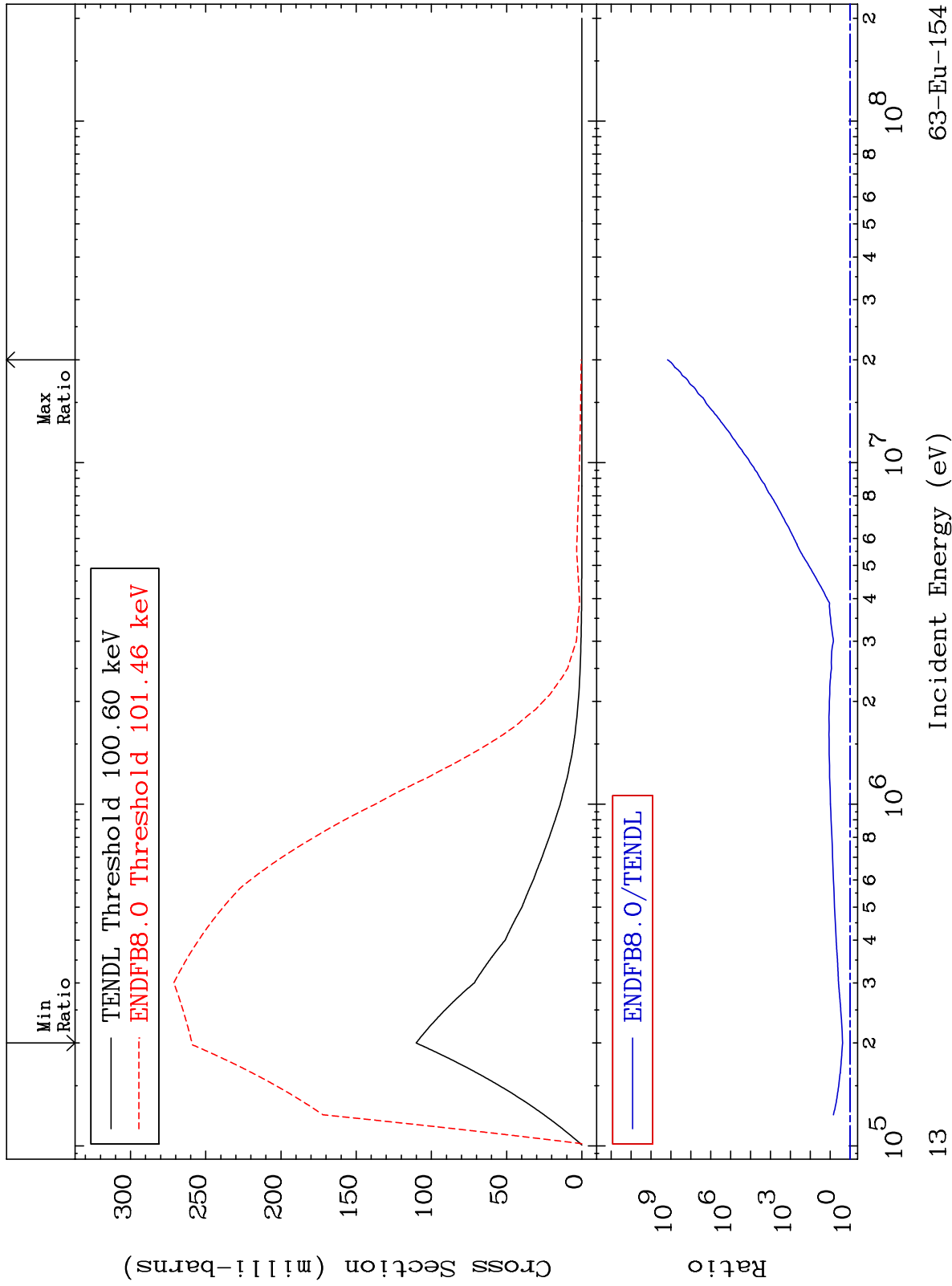
MAT 6334      MT= 55 (n,n') Level      63-Eu-154  
 Cross Section      -39.89 To 896.0 %



MAT 6334

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

63-Eu-154  
135.2 To 9999. %

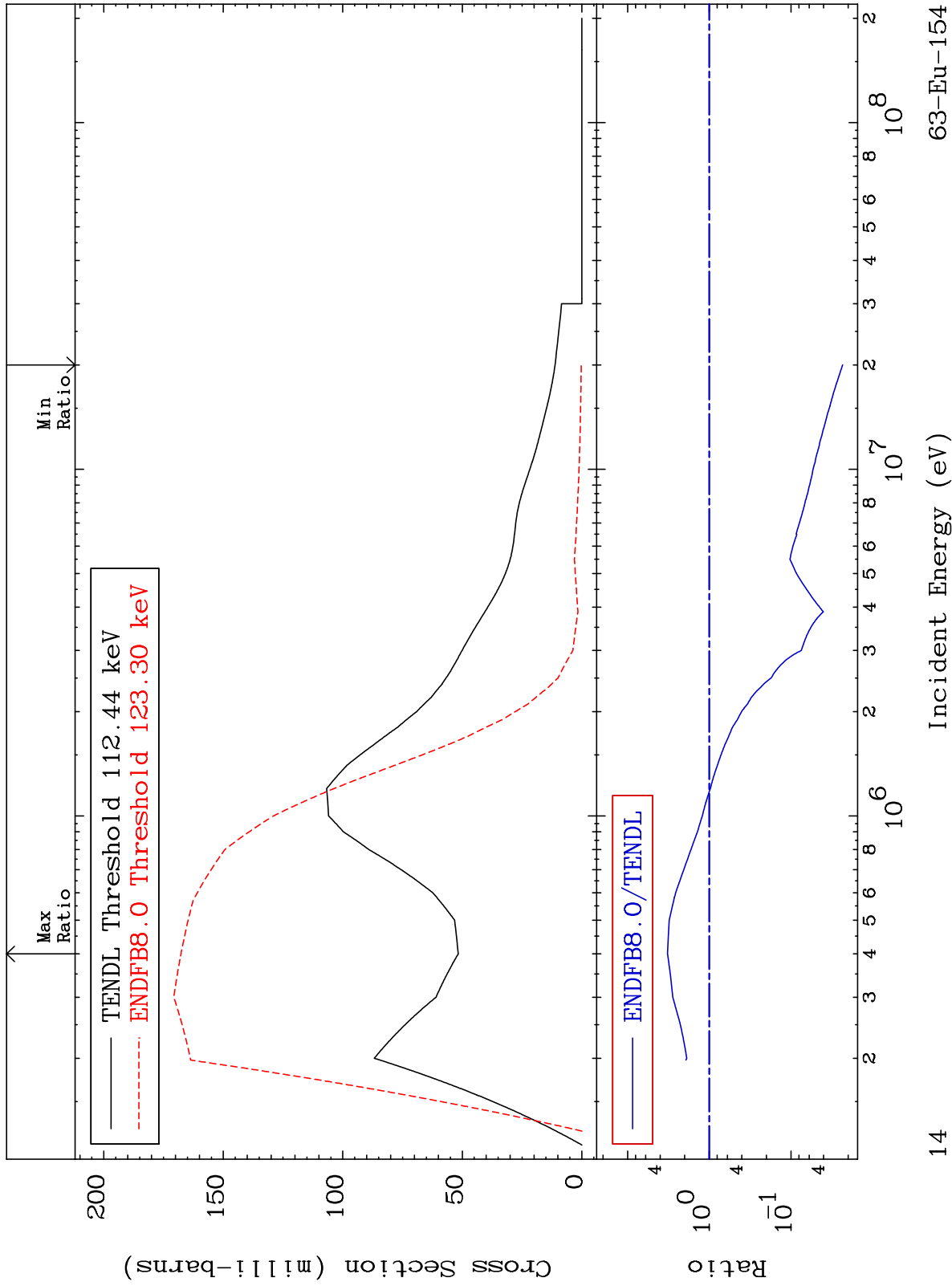


63-Eu-154

Incident Energy (eV)

13

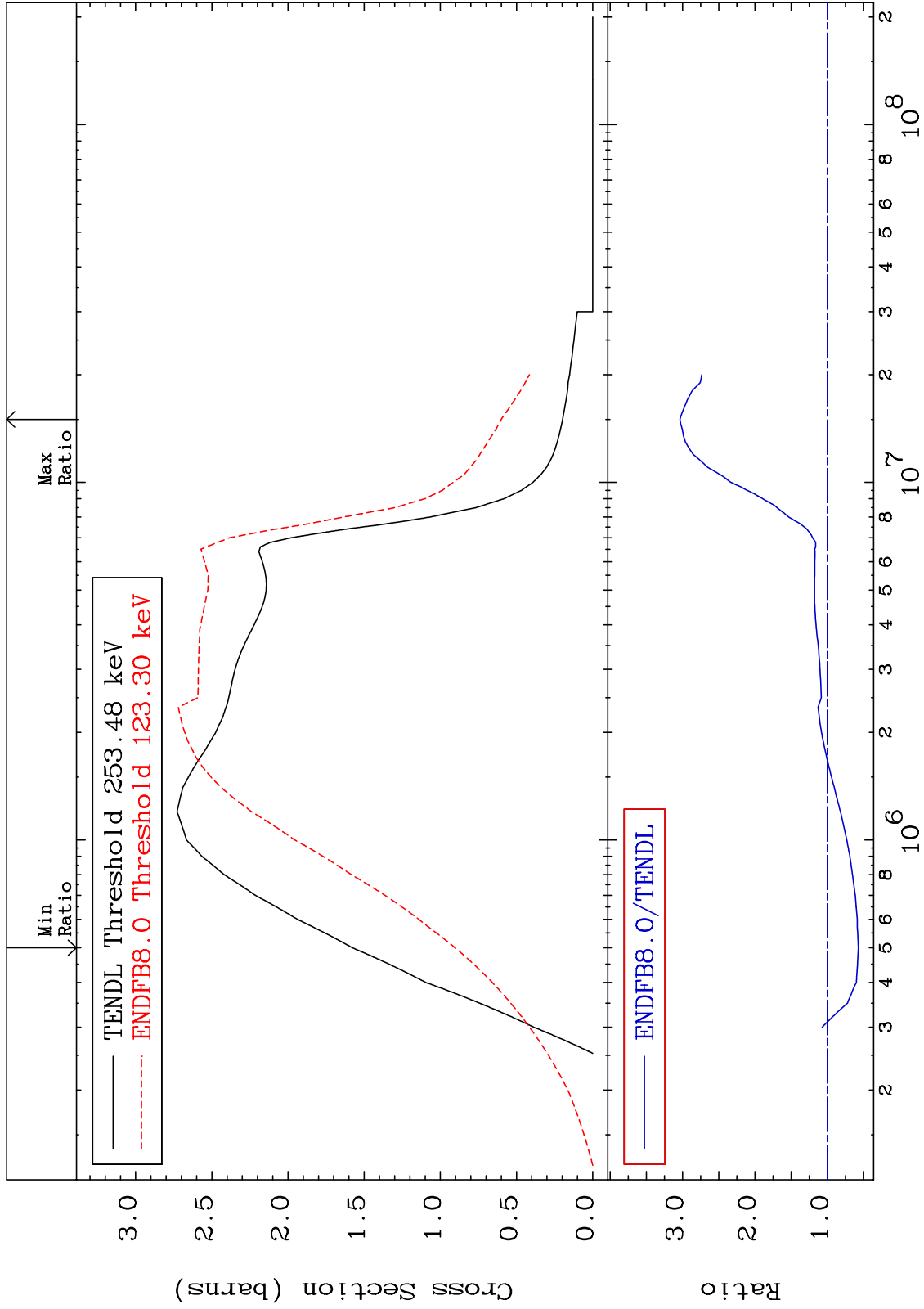
MAT 6334      MT= 57 (n,n') Level Cross Section      63-Eu-154  
 -97.66 To 224.3 %



MAT 6334

(n, n') Continuum  
Cross Section

63-Eu-154  
-42.74 To 203.5 %

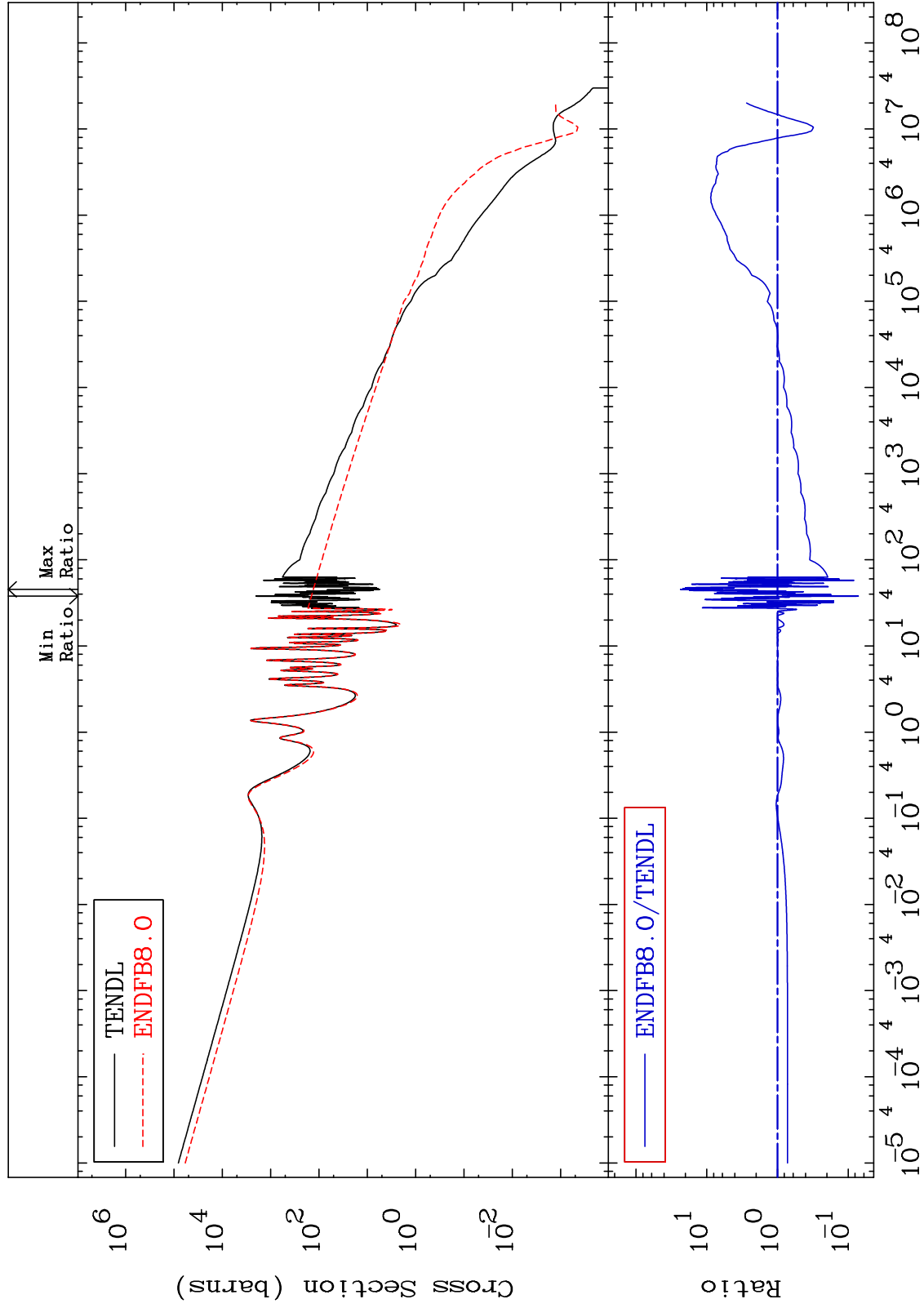




MAT 6334

(n,  $\gamma$ )  
Cross Section

63-Eu-154  
-92.85 To 2254. %



16

Incident Energy (eV)

63-Eu-154

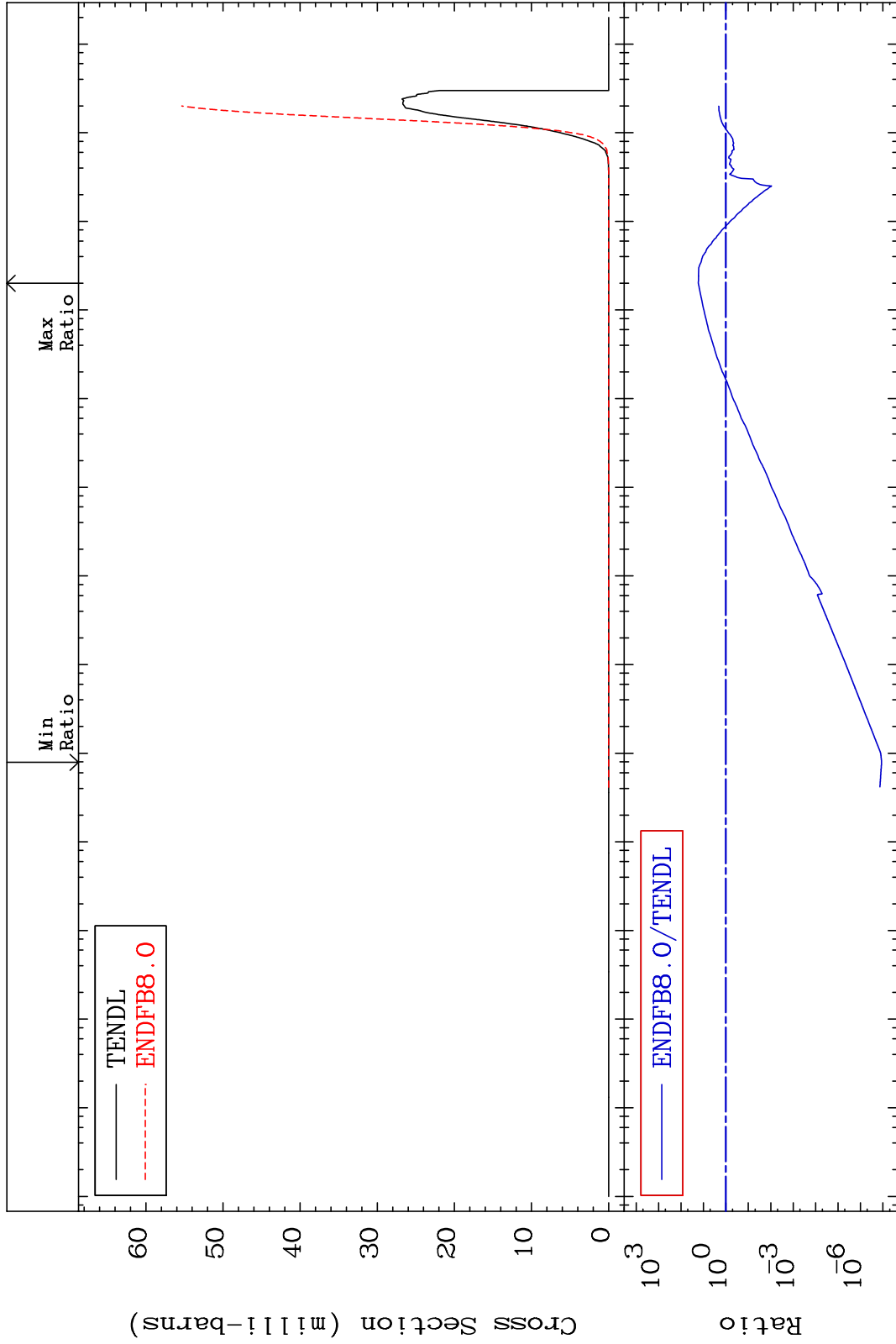
MAT 6334

63-Eu-154

(n,p)

Cross Section

-100.0 To 1587. %



Incident Energy (eV)

63-Eu-154

17

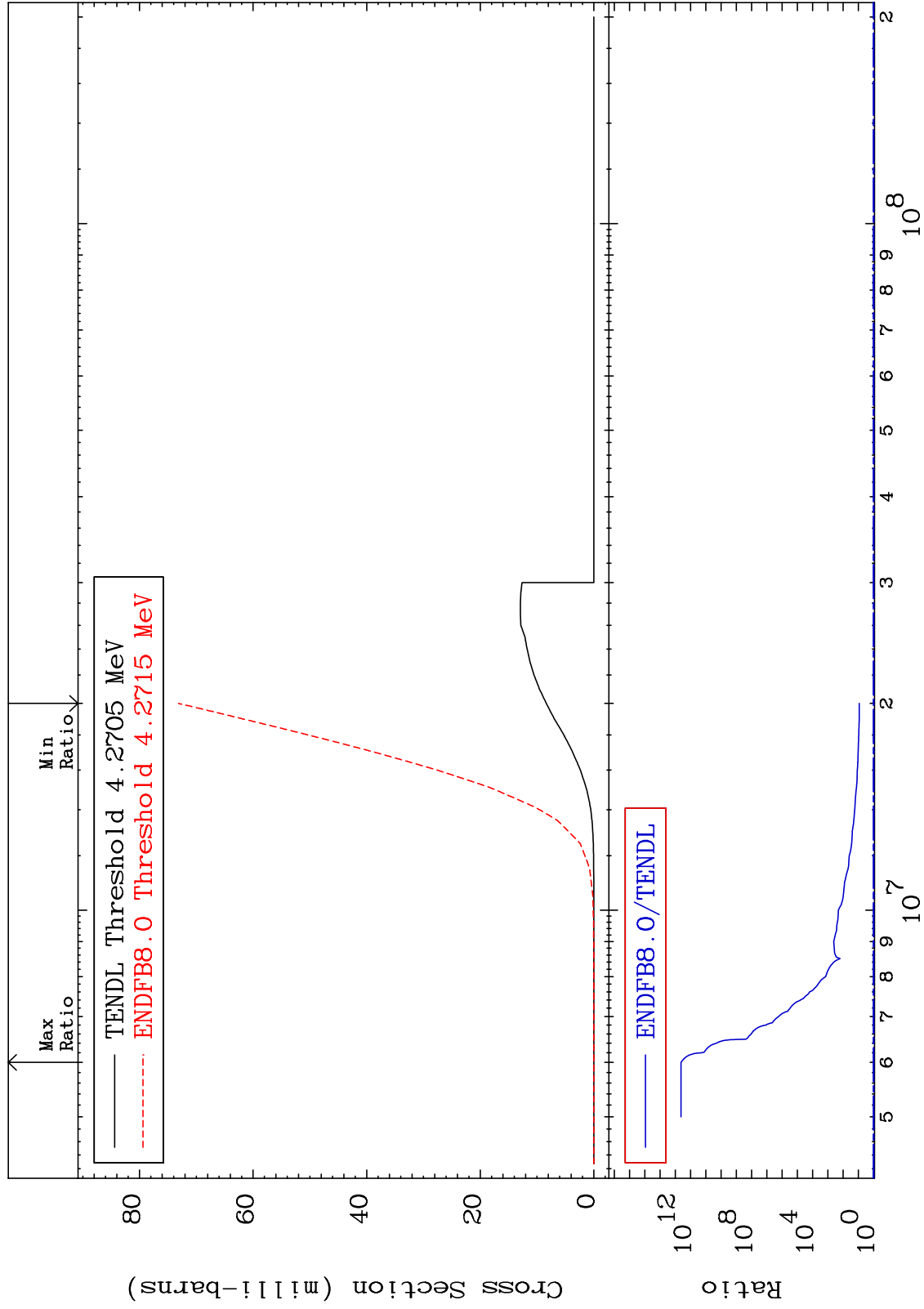
MAT 6334

(n, d)

63-Eu-154

Cross Section

774.1 To 9999. %



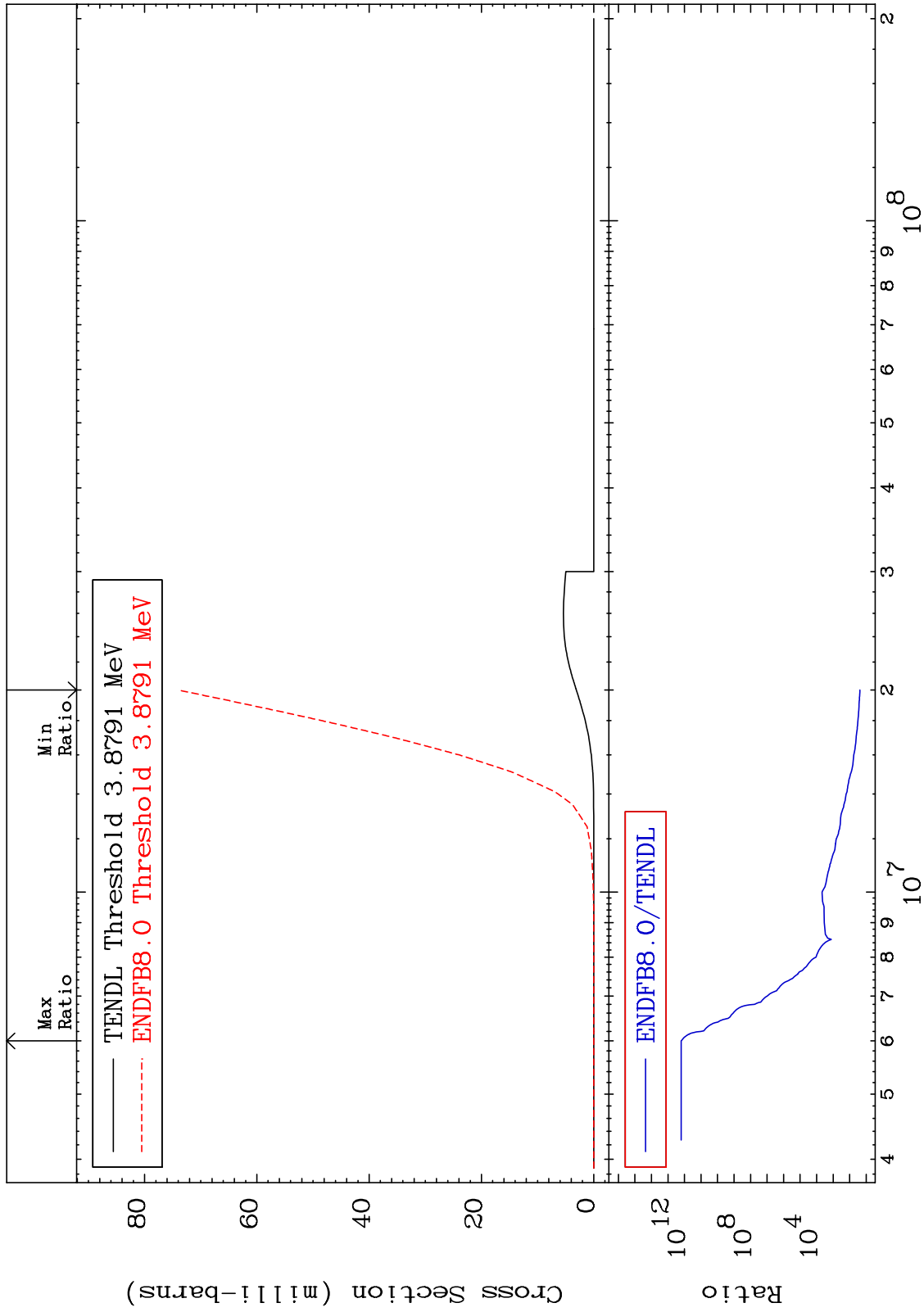
MAT 6334

(n, t)

63-Eu-154

Cross Section

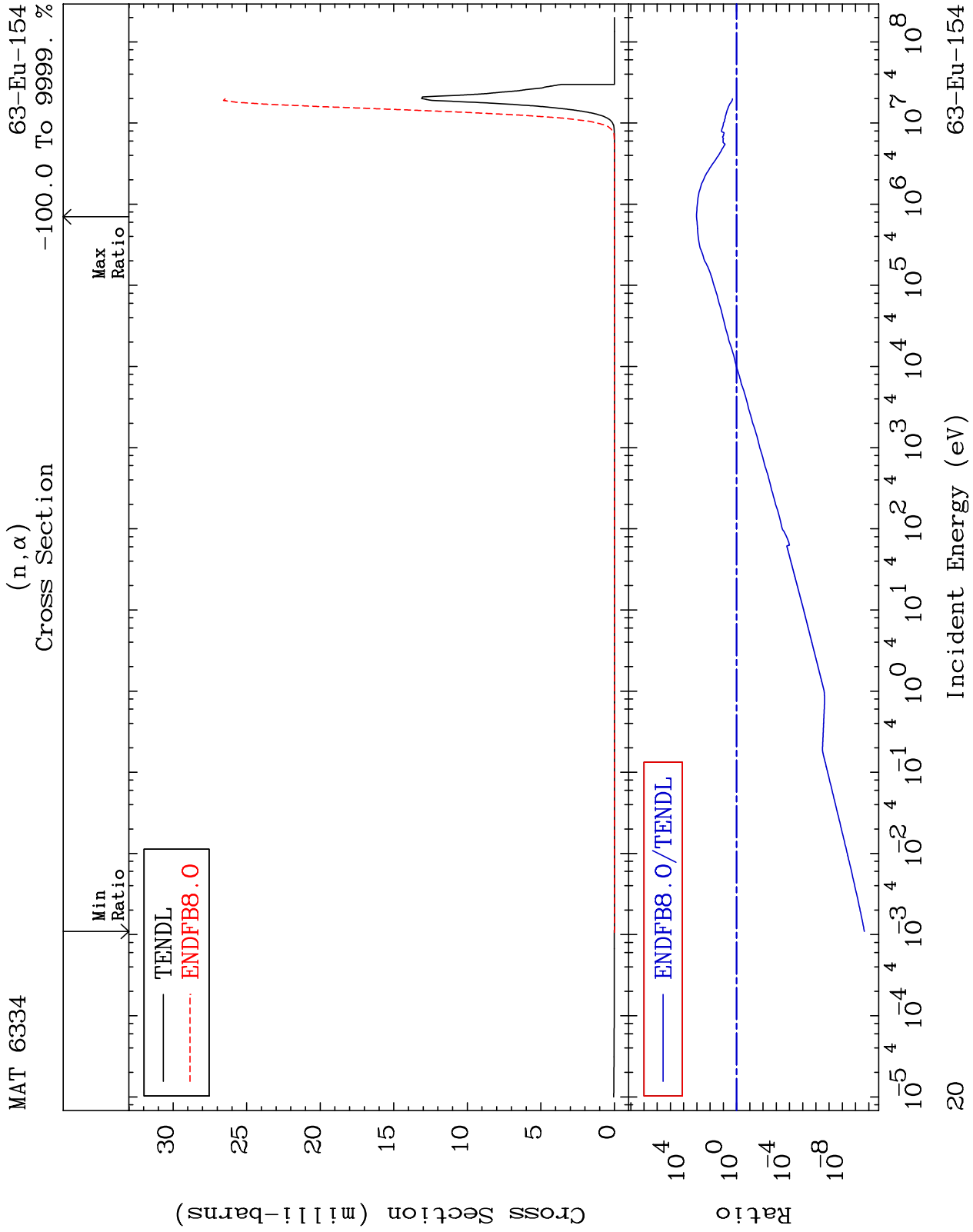
2285. To 9999. %



19

Incident Energy (eV)

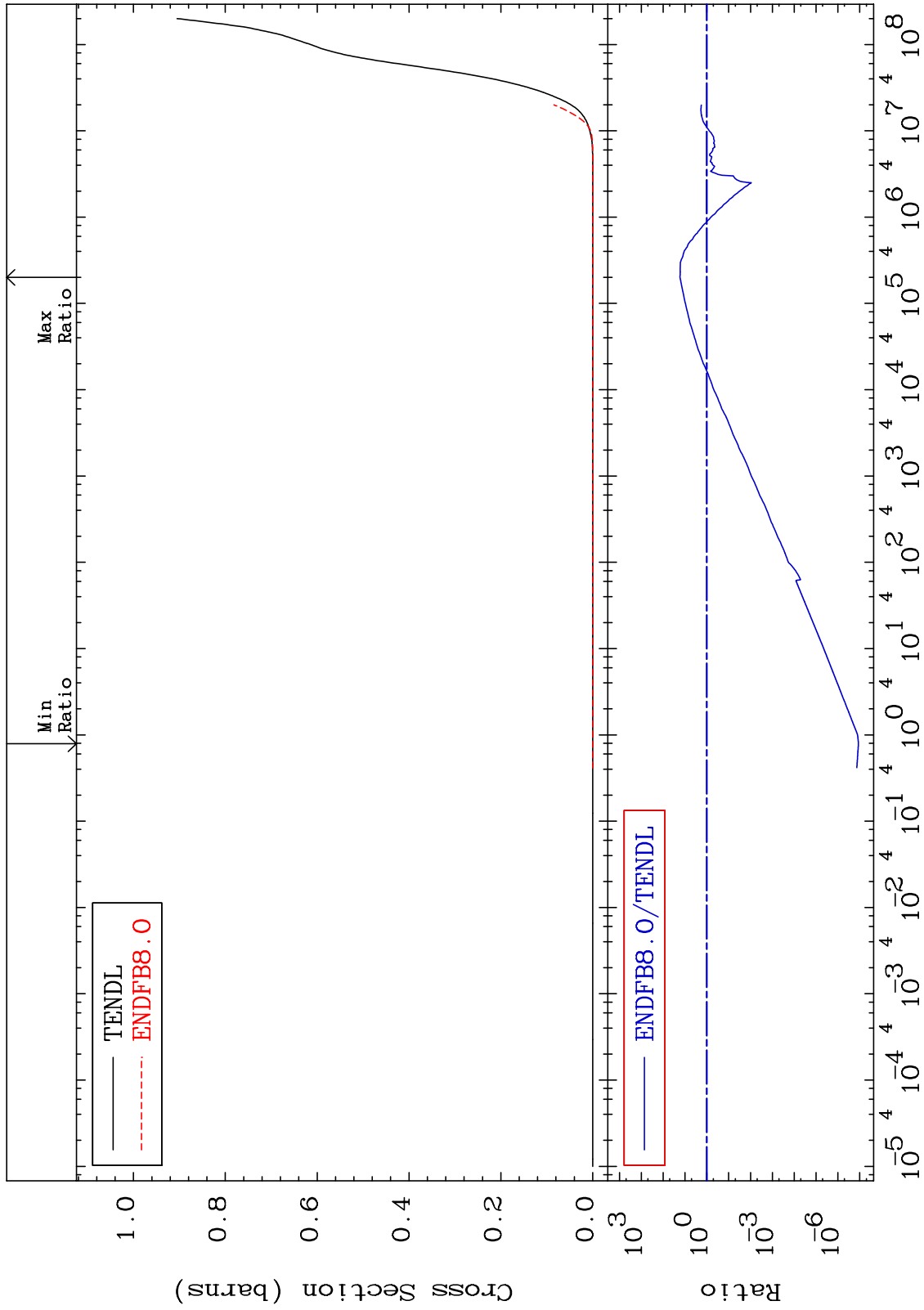
63-Eu-154



MAT 6334

### Hydrogen Production Cross Section

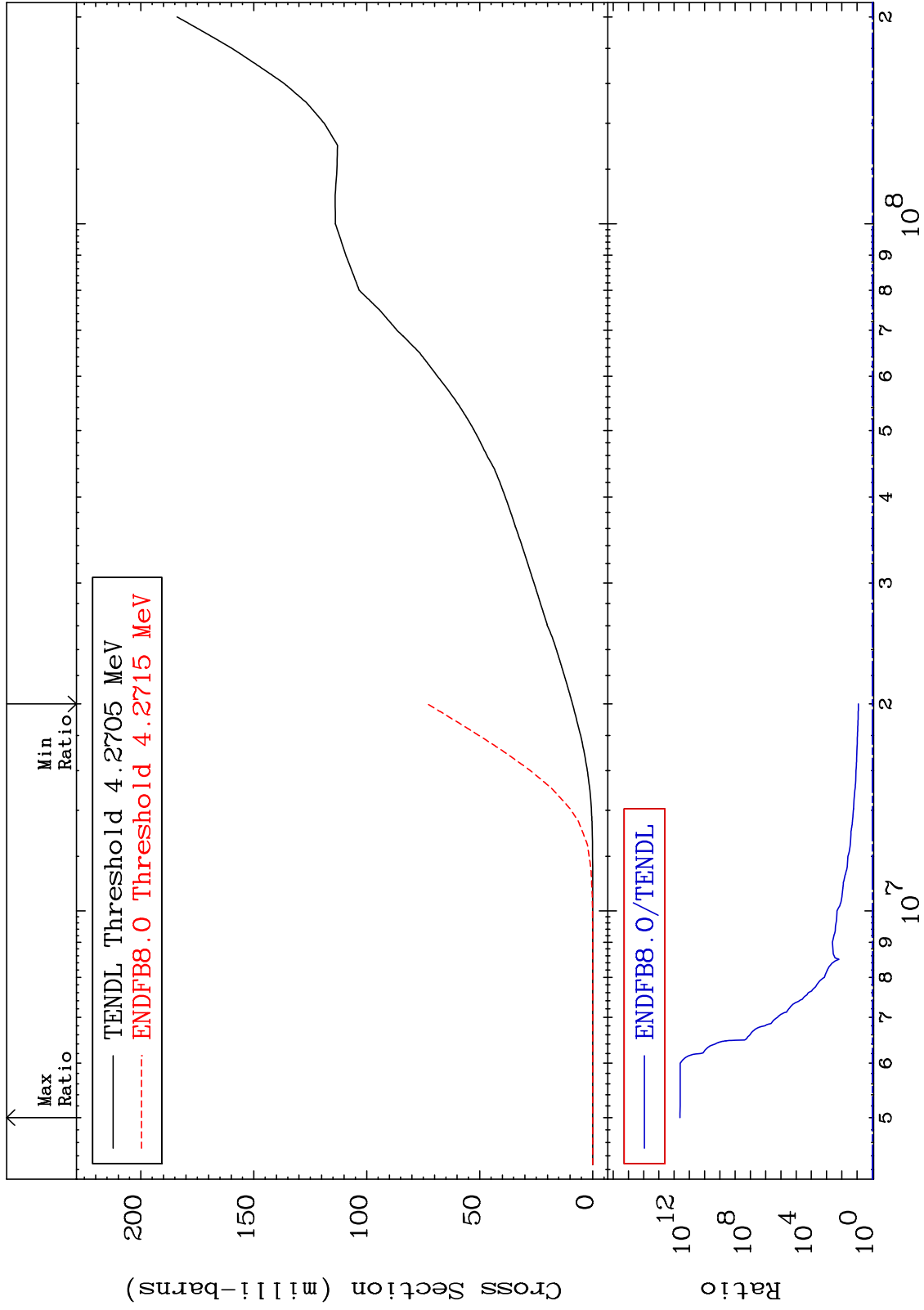
63-Eu-154  
-100.0 To 1587. %



MAT 6334

Deuterium Production  
Cross Section

63-Eu-154  
718.1 To 9999. %



22

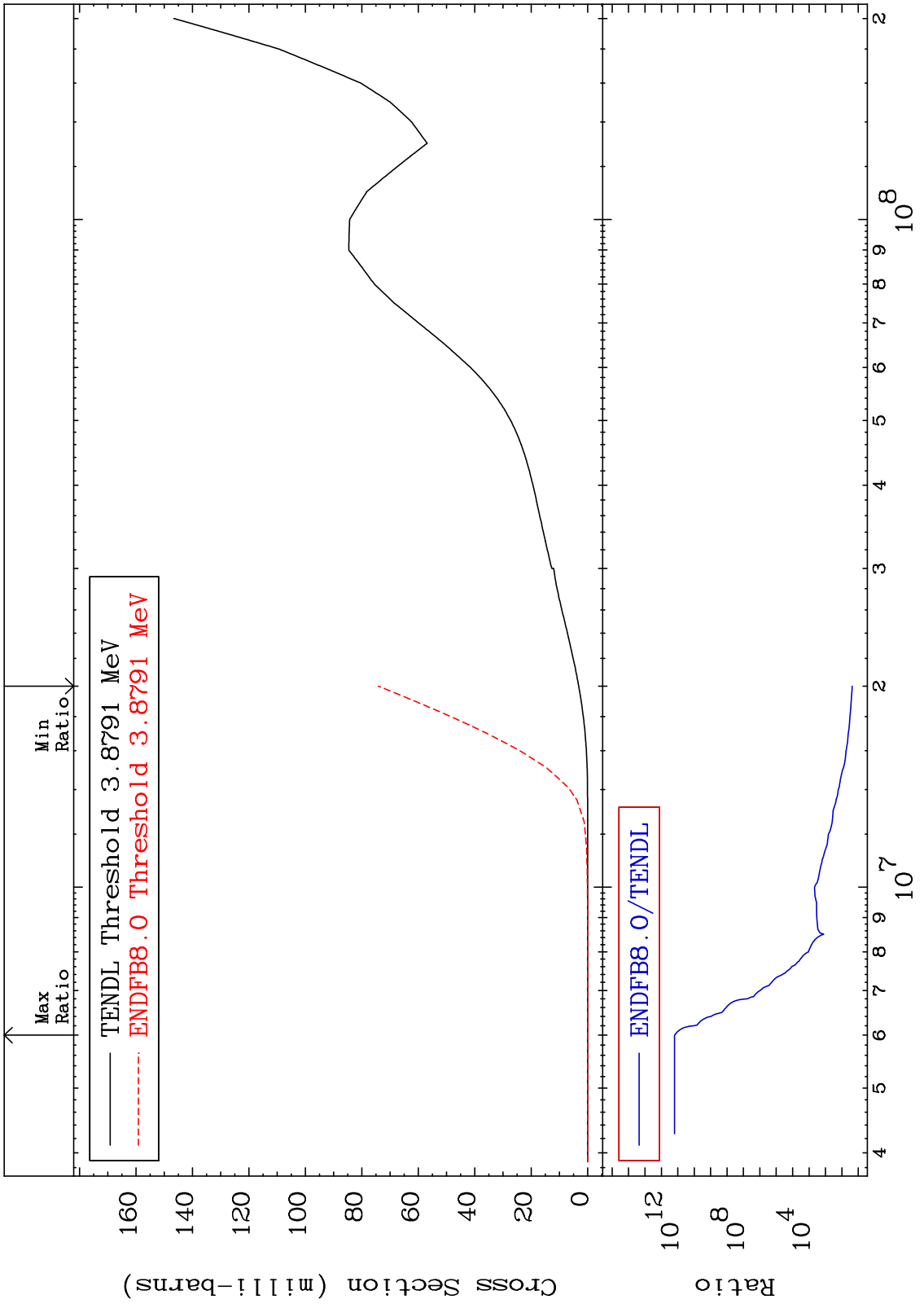
Incident Energy (eV)

63-Eu-154

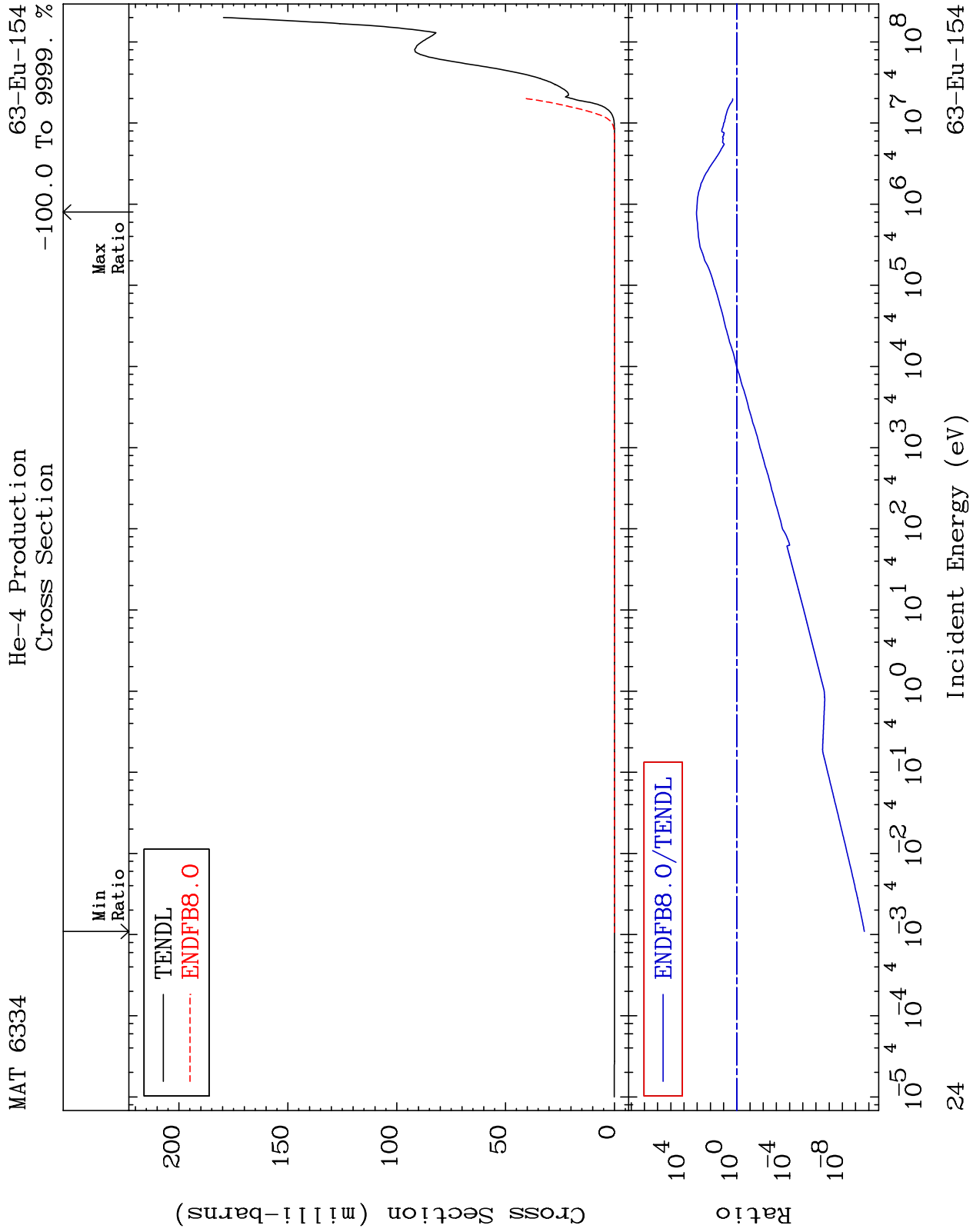
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Tritium Production  
Cross Section

63-Eu-154  
2248. To 9999. %



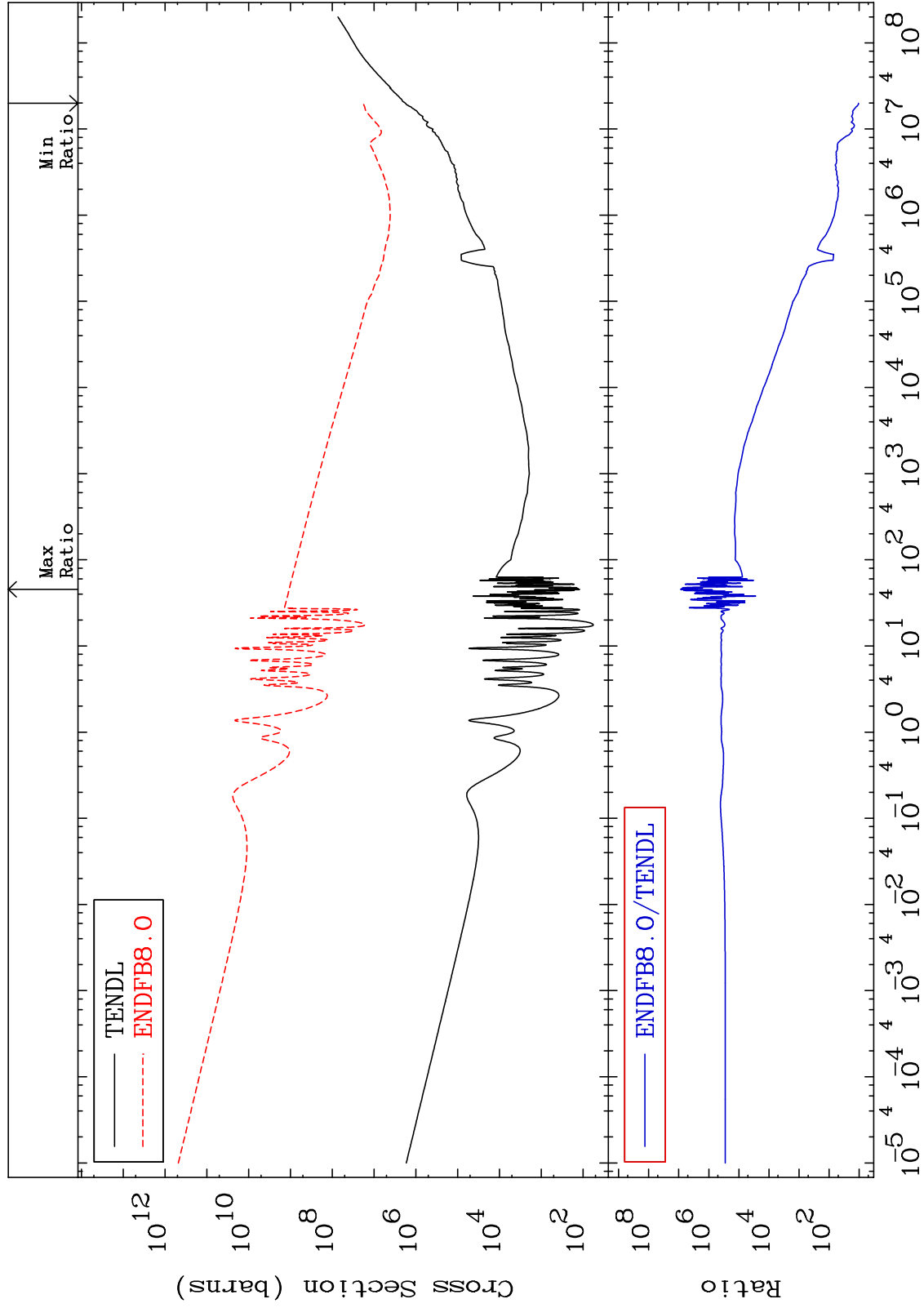




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Kerma total (eV-barns)  
Cross Section

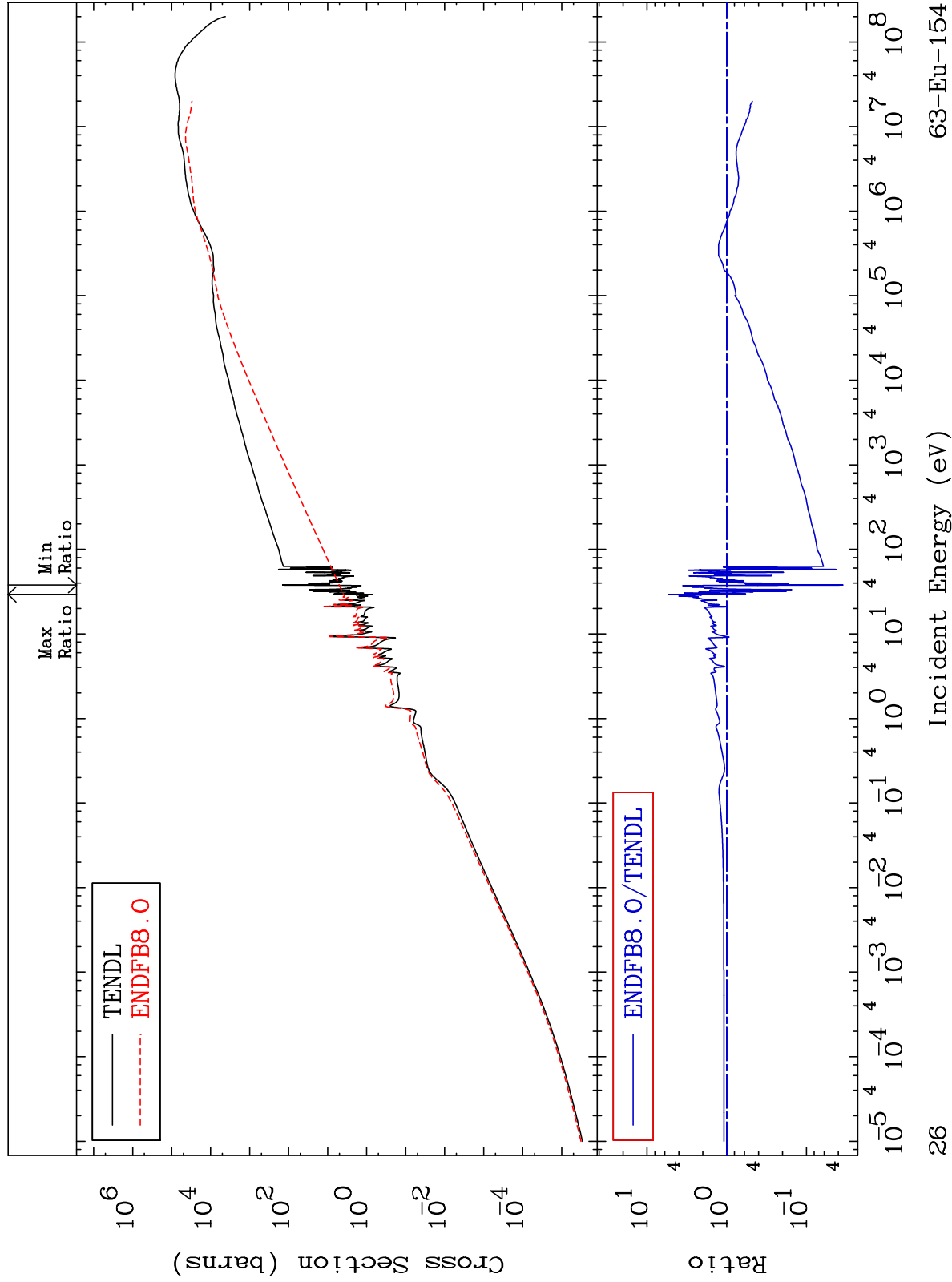
63-Eu-154  
953.0 To 9999. %



MAT 6334

Kerma elastic  
Cross Section

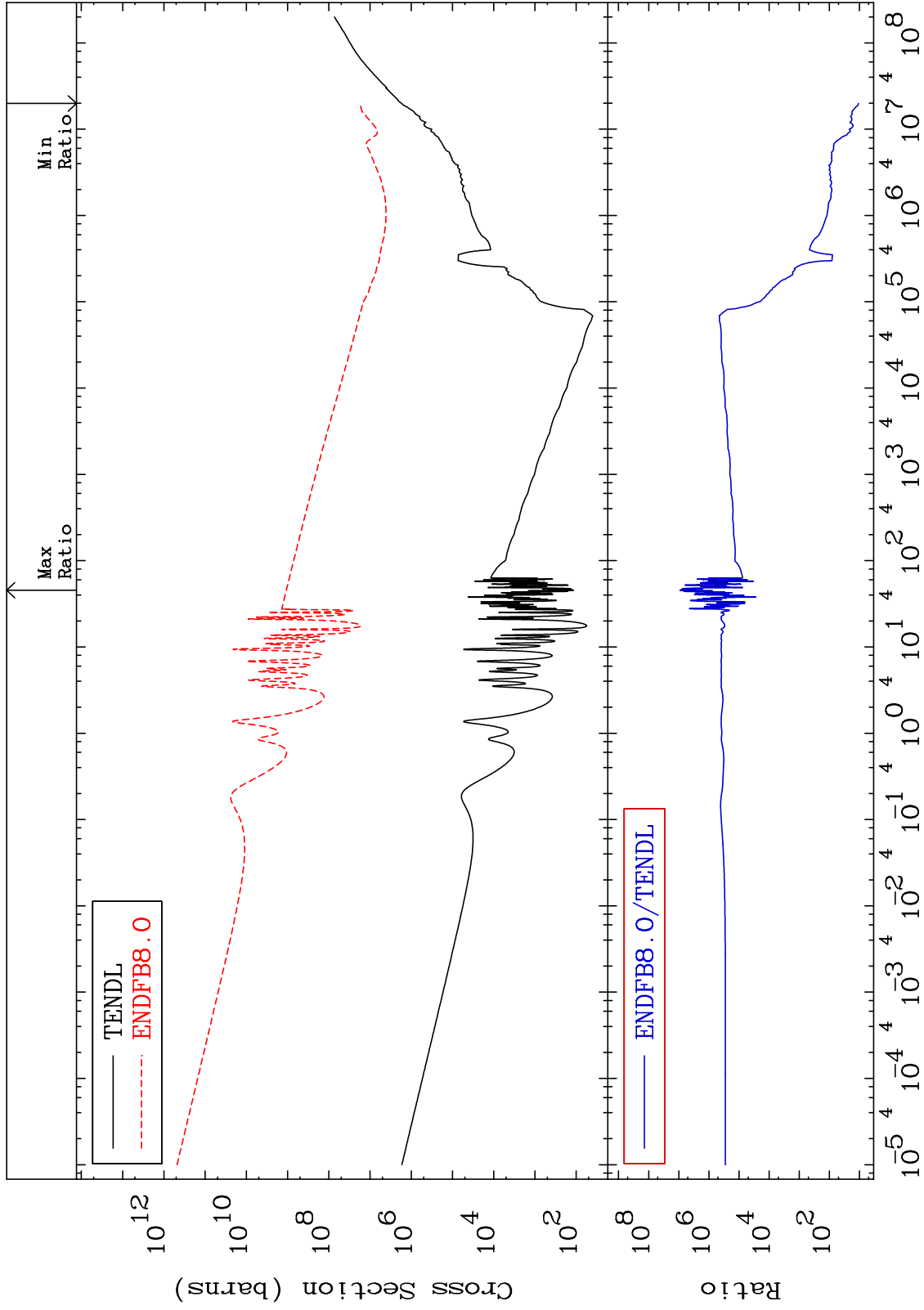
63-Eu-154  
-96.50 To 446.6 %



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Kerma non-elastic (all but mt2)  
Cross Section

63-Eu-154  
990.4 To 9999. %



27

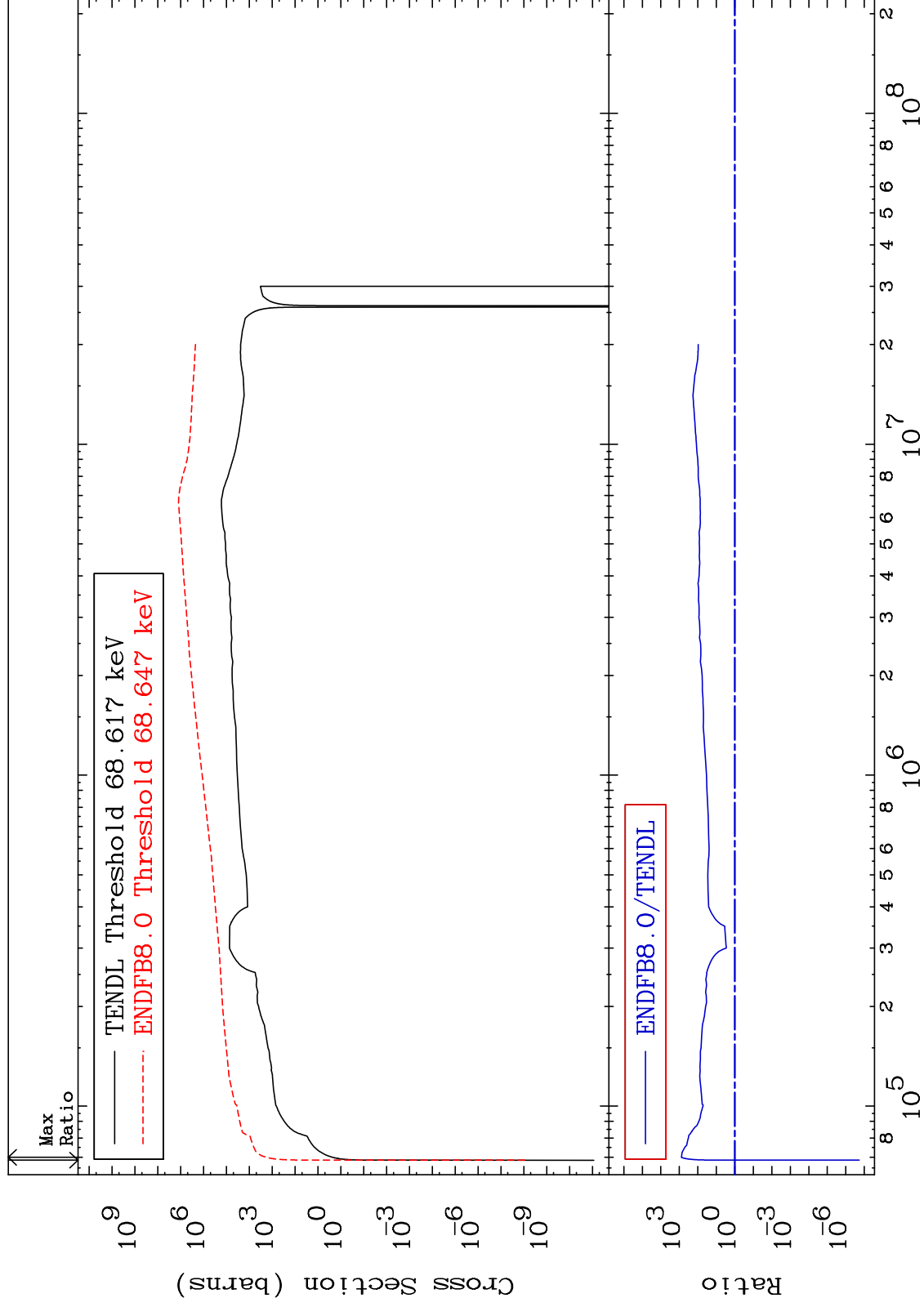
Incident Energy (eV)

63-Eu-154

MAT 6334

Kerma inelastic (mt51-91)  
Cross Section

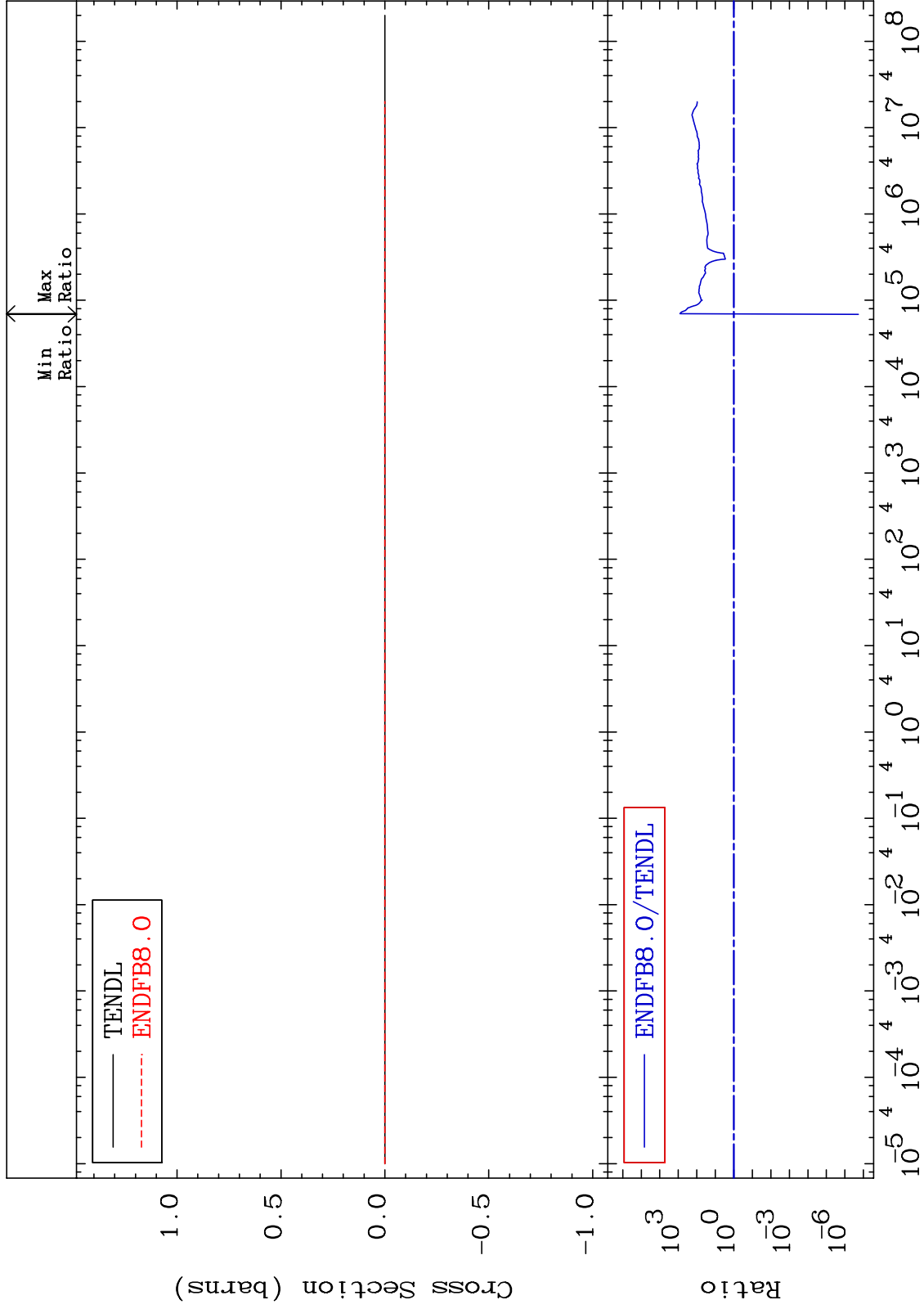
63-Eu-154  
-100.0 To 9999. %



MAT 6334

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

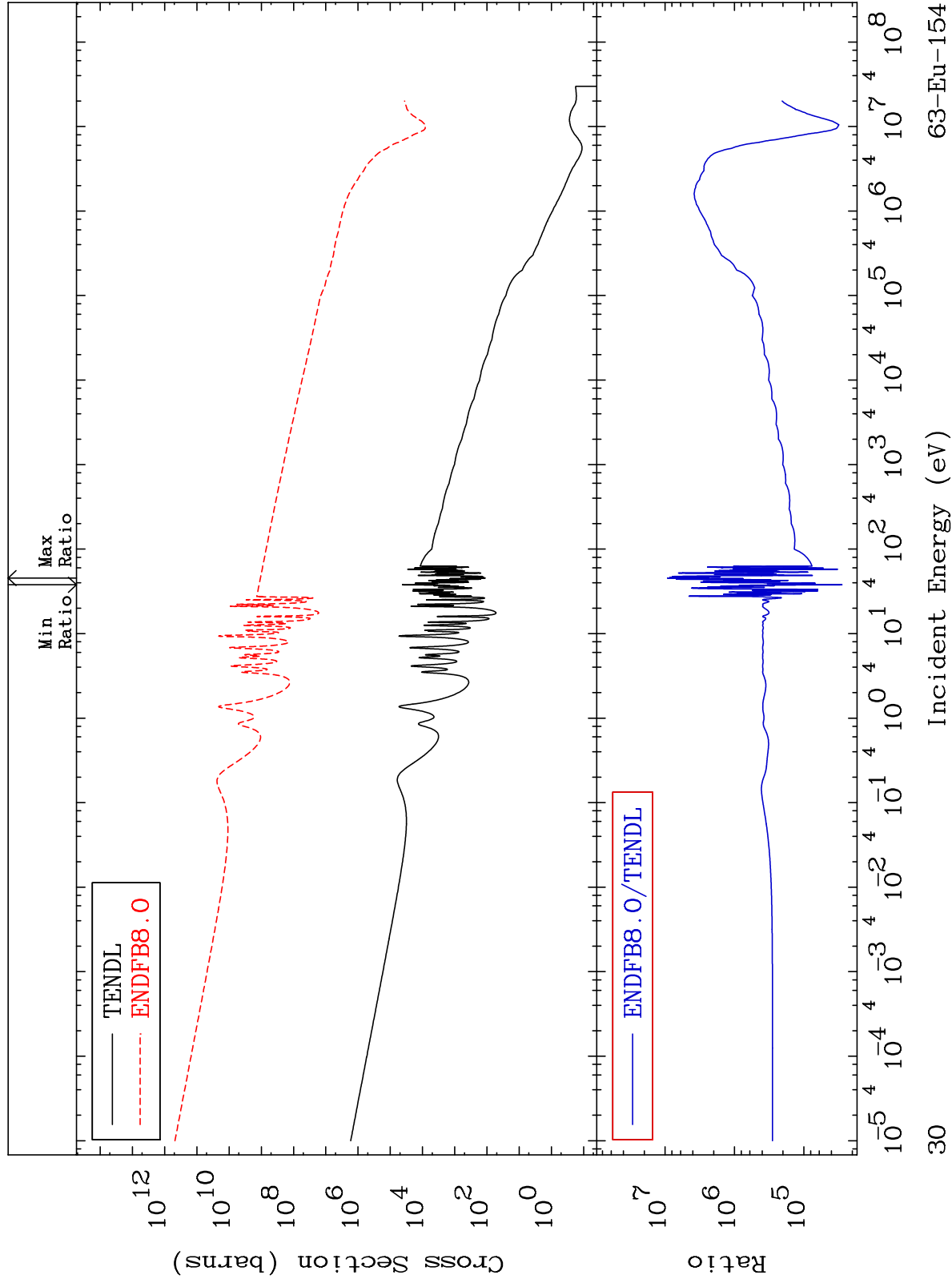
63-Eu-154  
-100.0 To 9999. %



MAT 6334

Kerma capture (mt102)  
Cross Section

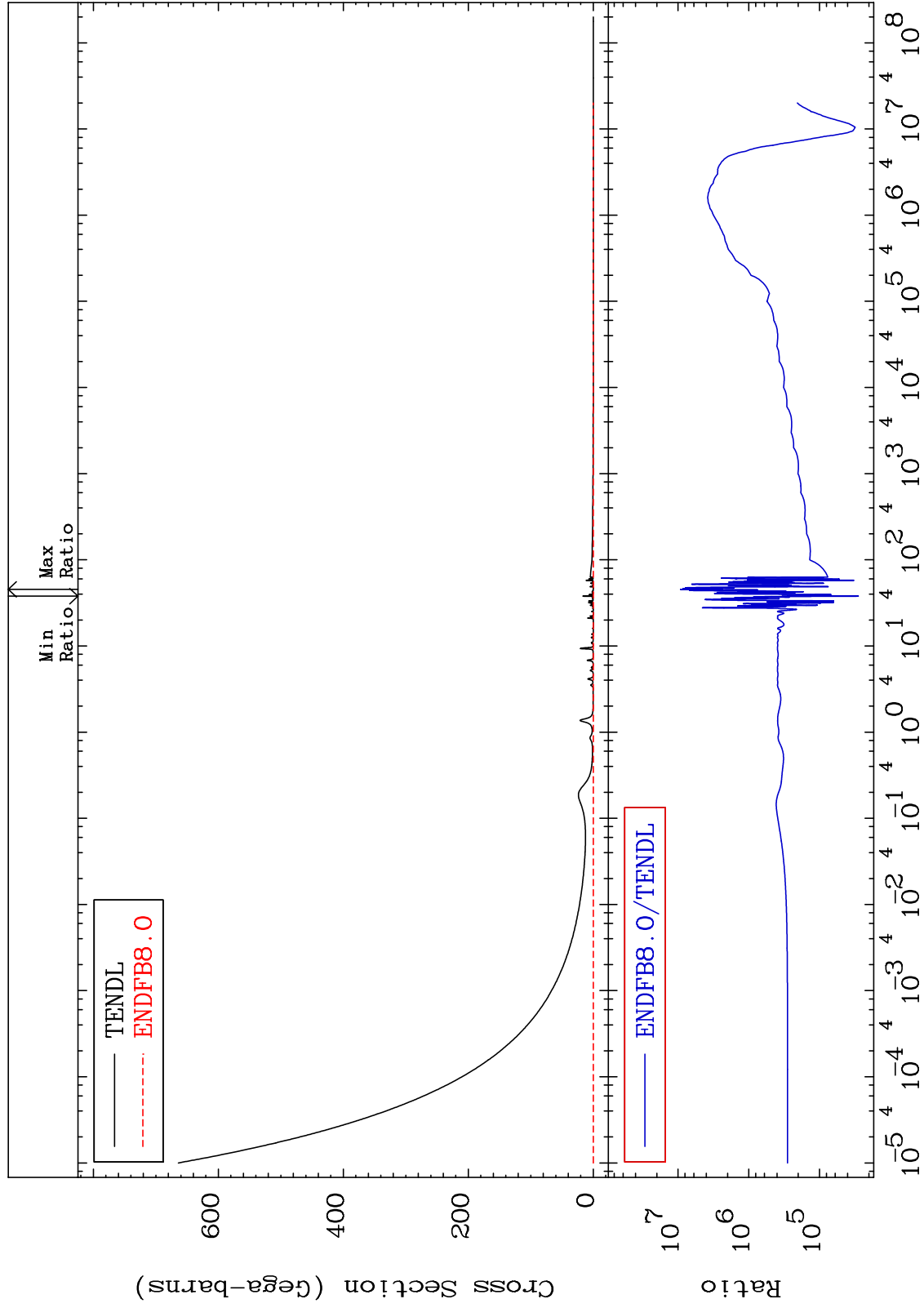
63-Eu-154  
9999. To 9999. %



MAT 6334

Total photon (eV-barns)  
Cross Section

63-Eu-154  
9999. To 9999. %

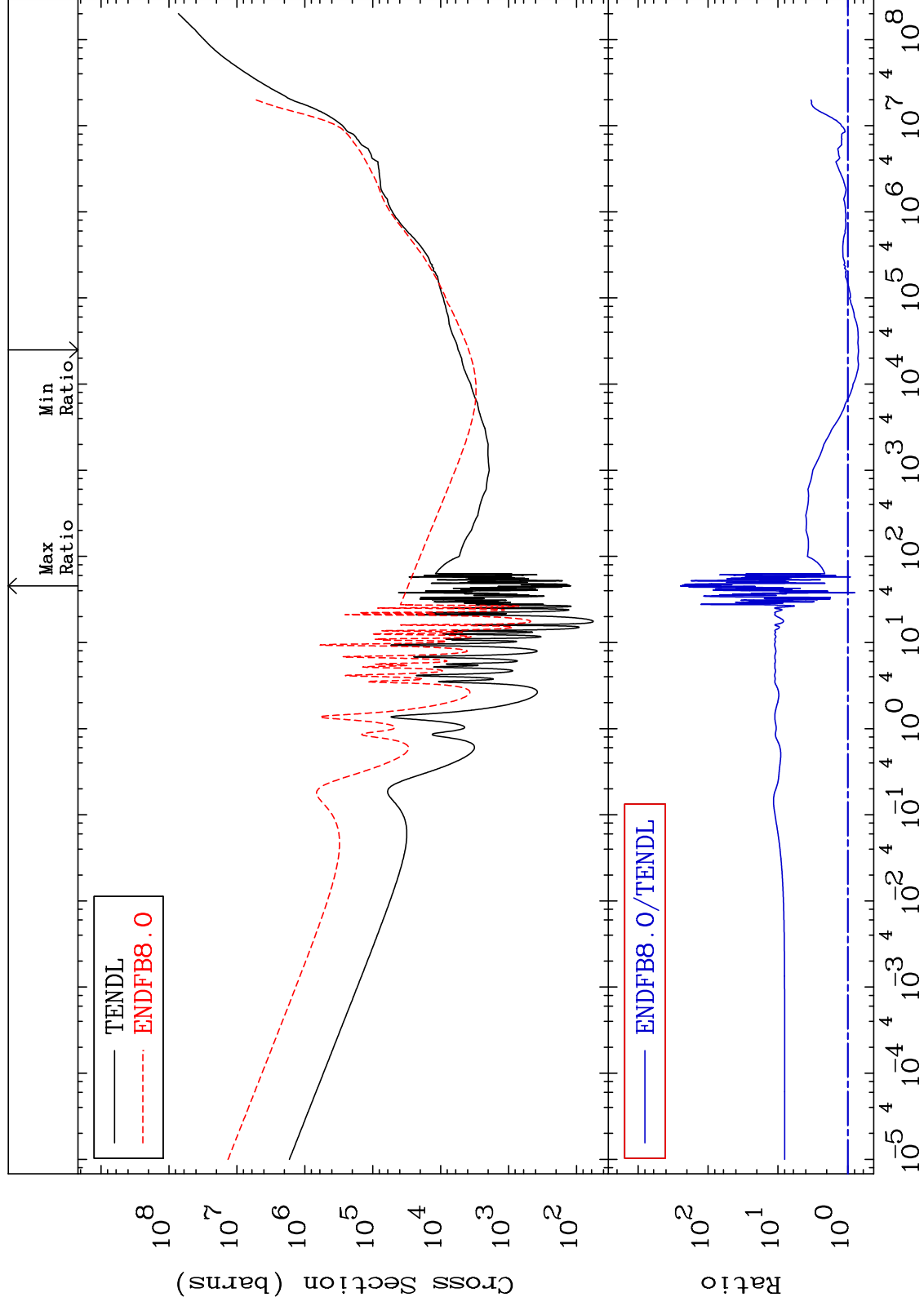




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Total kinematic kerma (high limit)  
Cross Section

63-Eu-154  
-29.71 To 9999. %



32

Incident Energy (eV)

63-Eu-154

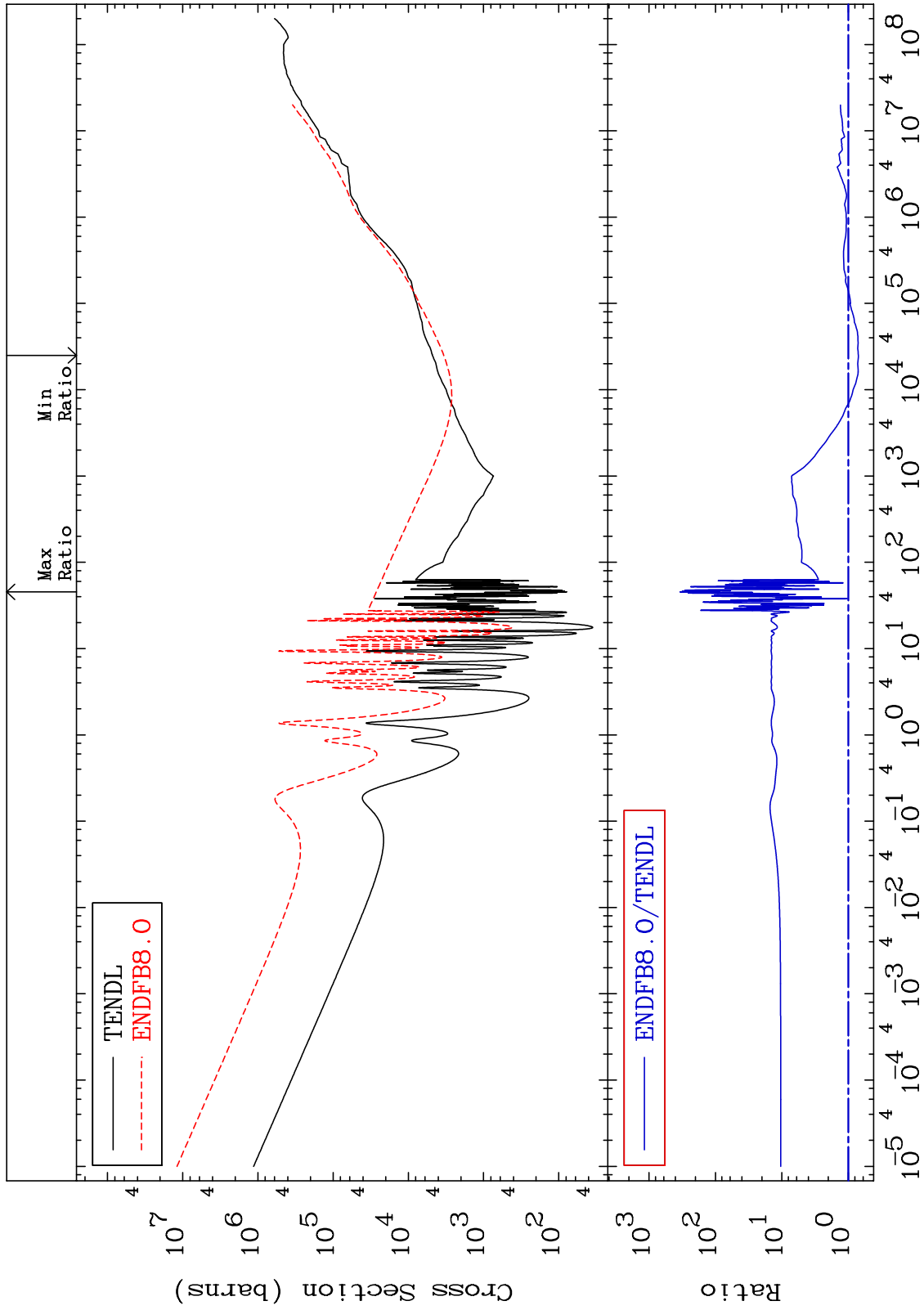
MAT 6334

Dpa total (eV-barns)

63-Eu-154

-29.39 To 9999. %

Cross Section



33

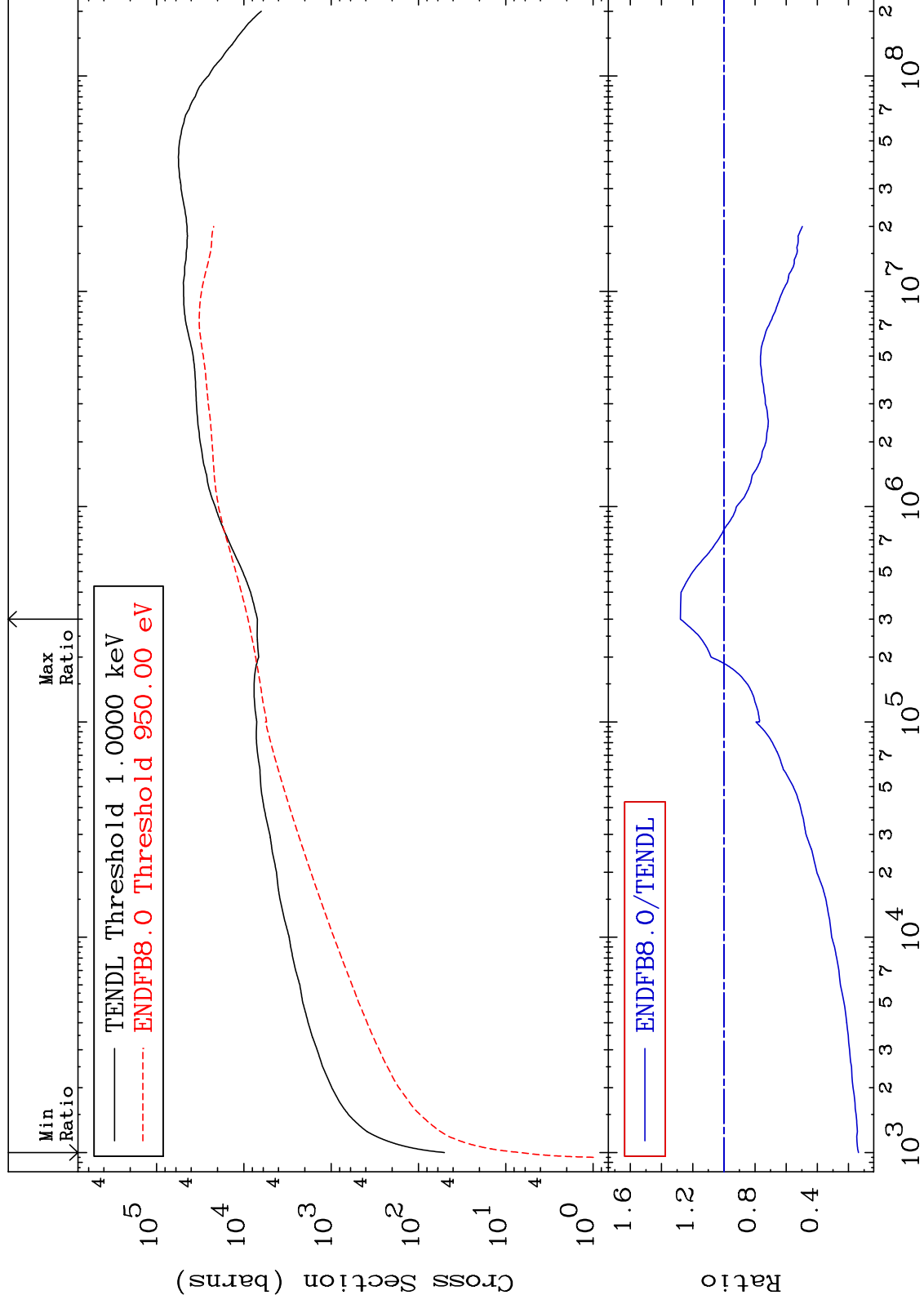
Incident Energy (eV)

63-Eu-154

MAT 6334

Dpa elastic (mt2)  
Cross Section

63-Eu-154  
-86.41 To 27.85 %



34

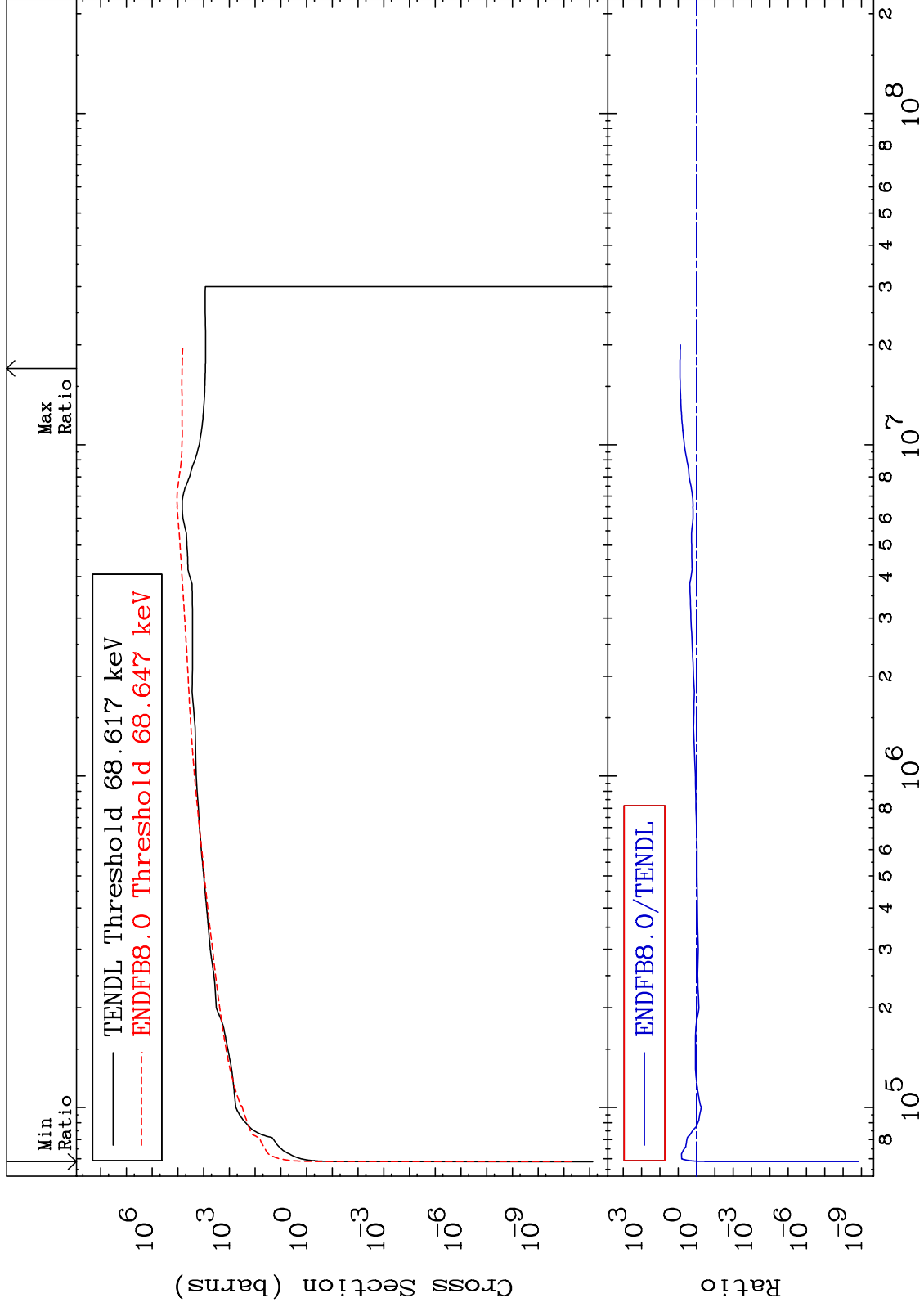
Incident Energy (eV)

63-Eu-154

MAT 6334

Dpa inelastic (mt51-91)  
Cross Section

63-Eu-154  
-100.0 To 701.1 %



35

63-Eu-154

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Dpa disappearance (mt102 -120)  
Cross Section

63-Eu-154  
To 9999. %  
3.650

