

Program Complot  
(Version 2018-1)

by

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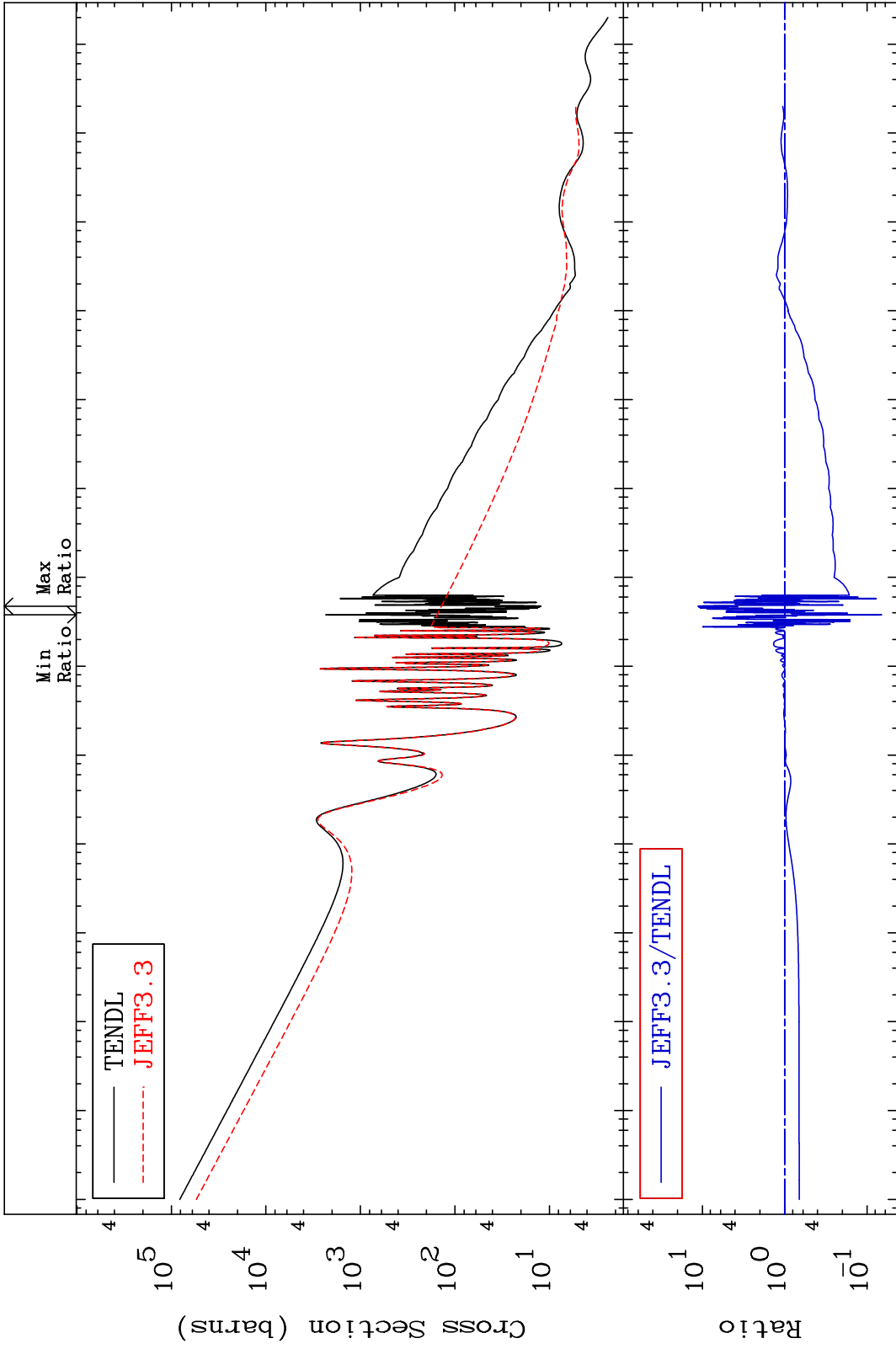
Press Mouse Button to Start

MAT 6334

63-Eu-154

-93.32 To 1035. %

Total  
Cross Section



Incident Energy (eV)

63-Eu-154

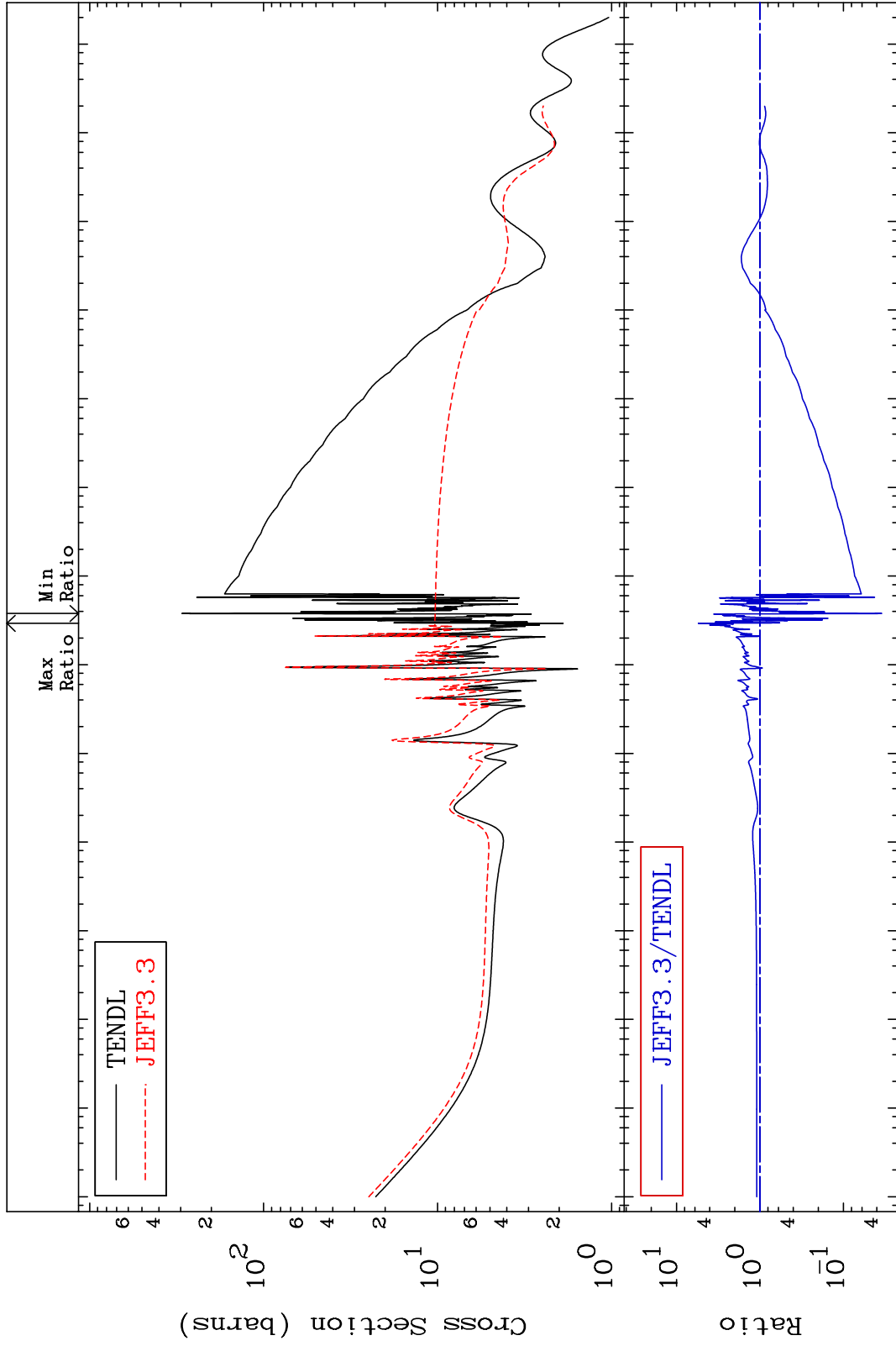
MAT 6334

Elastic

63-Eu-154

Cross Section

-96.50 To 446.6 %



Incident Energy (eV)

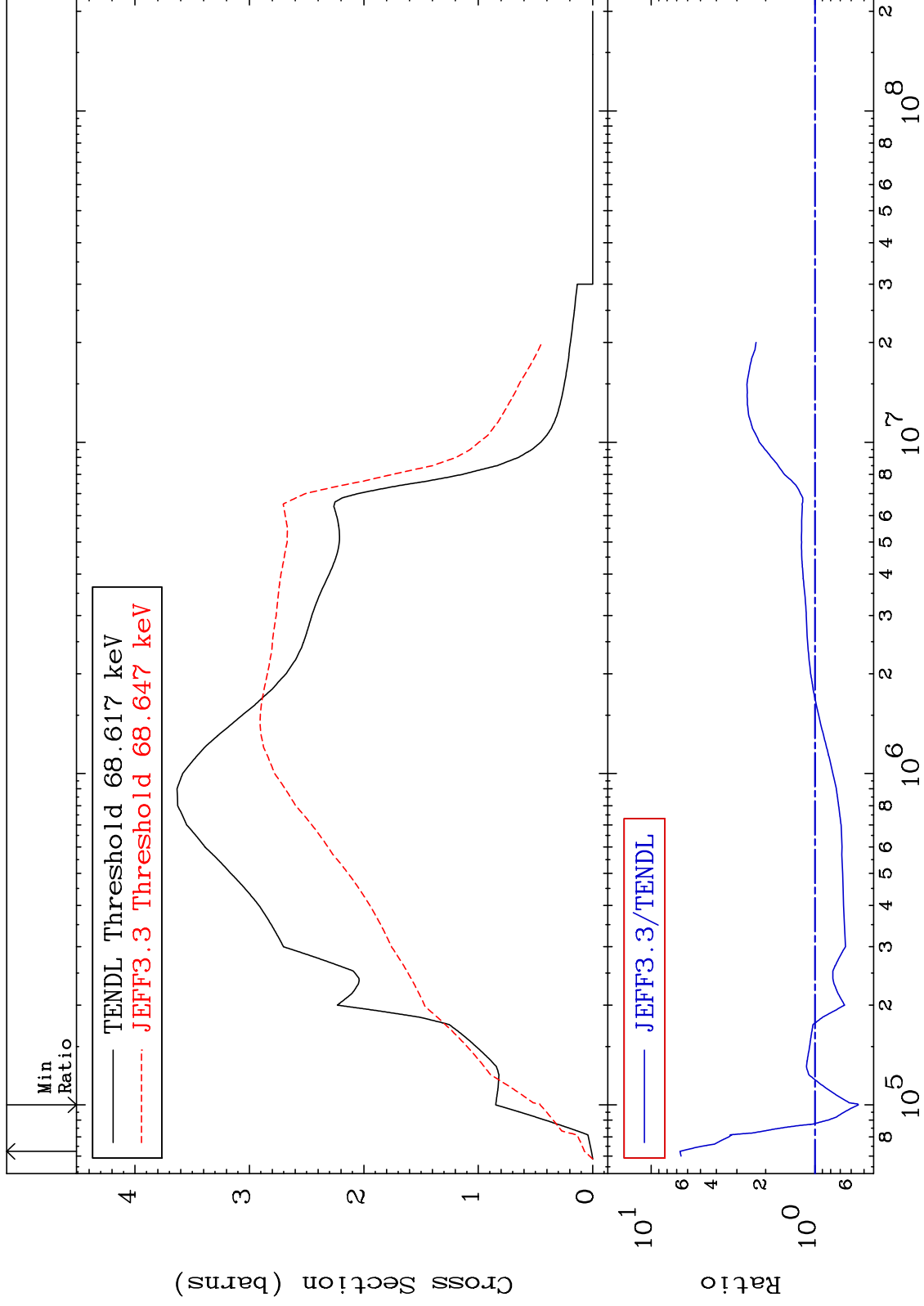
63-Eu-154

2

MAT 6334

Inelastic  
Cross Section

63-Eu-154  
-45.83 To 567.1 %



3

63-Eu-154

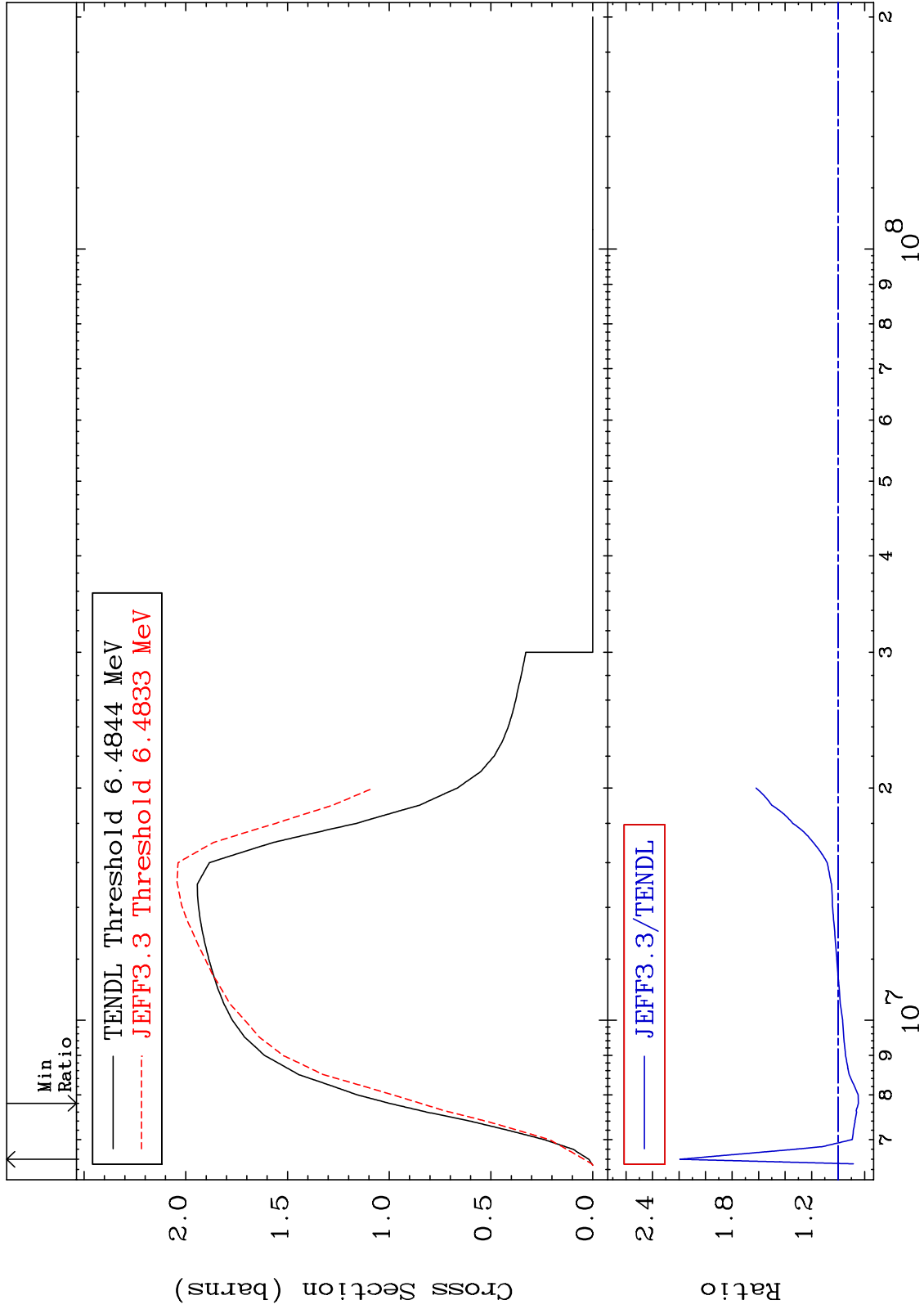
MAT 6334

(n,2n)

63-Eu-154

Cross Section

-15.32 To 119.3 %



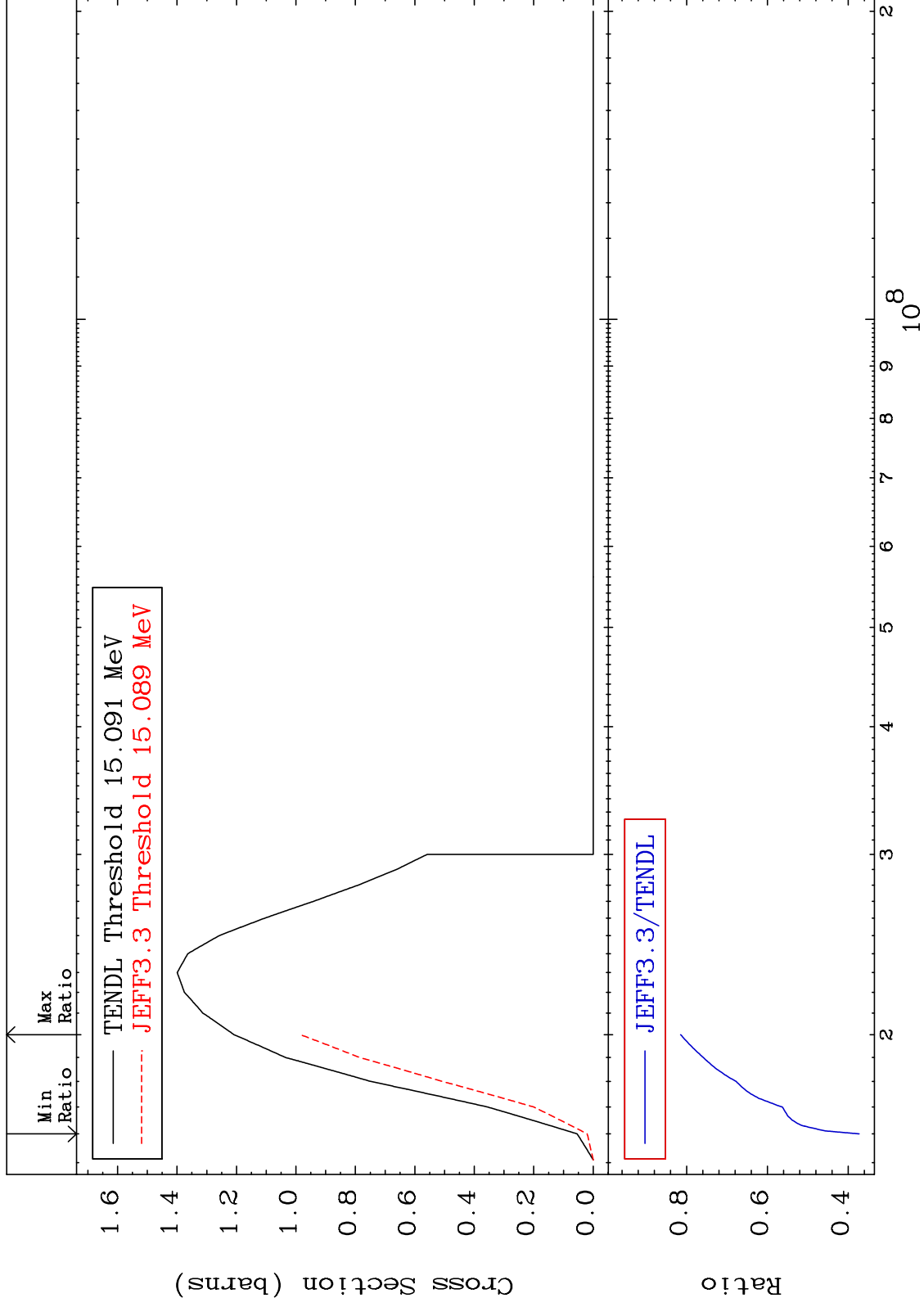
MAT 6334

(n, 3n)

63-Eu-154

Cross Section

-62.71 To -18.51%



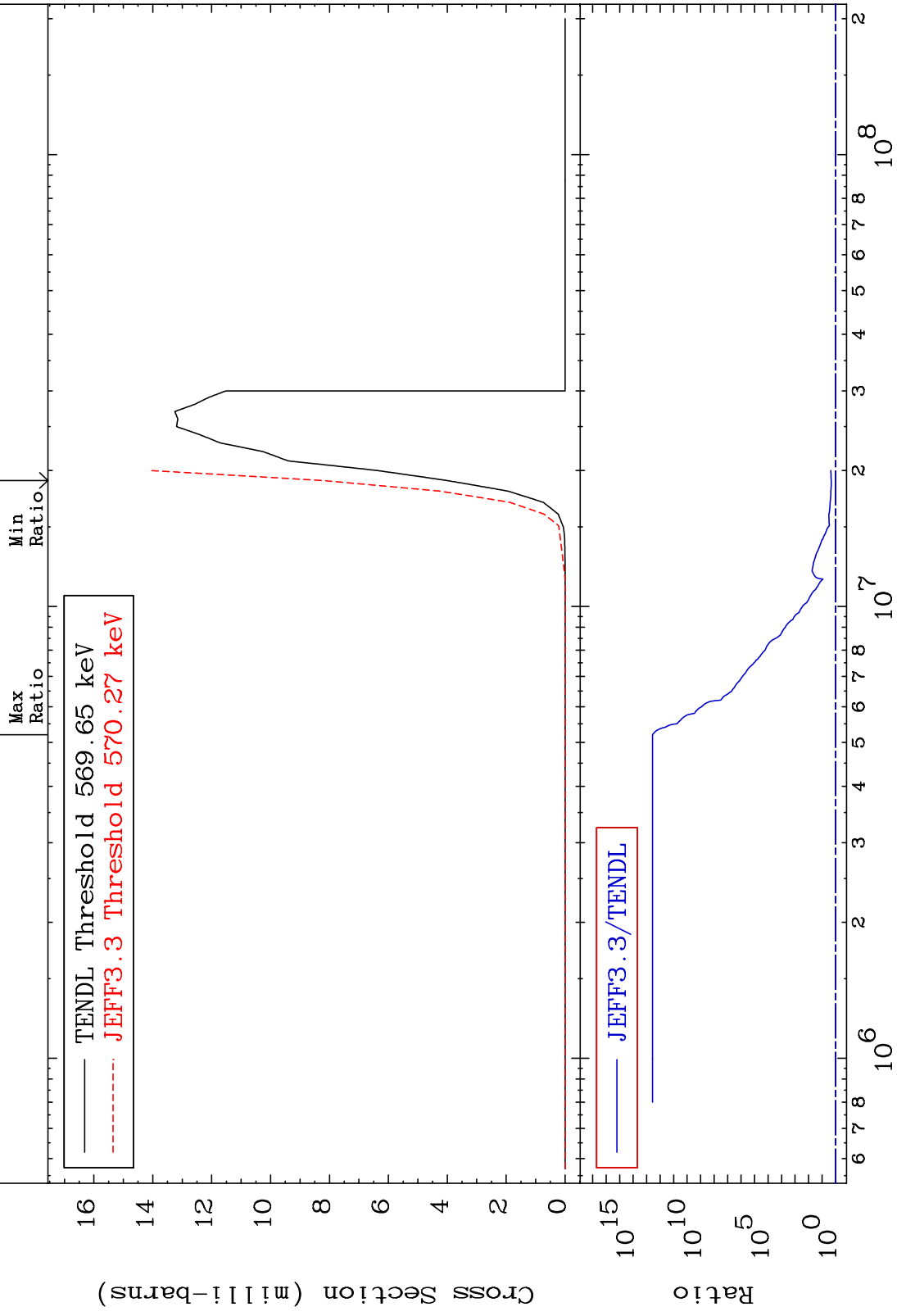
MAT 6334

(n, n')  $\alpha$

63-Eu-154

105.4 To 9999. %

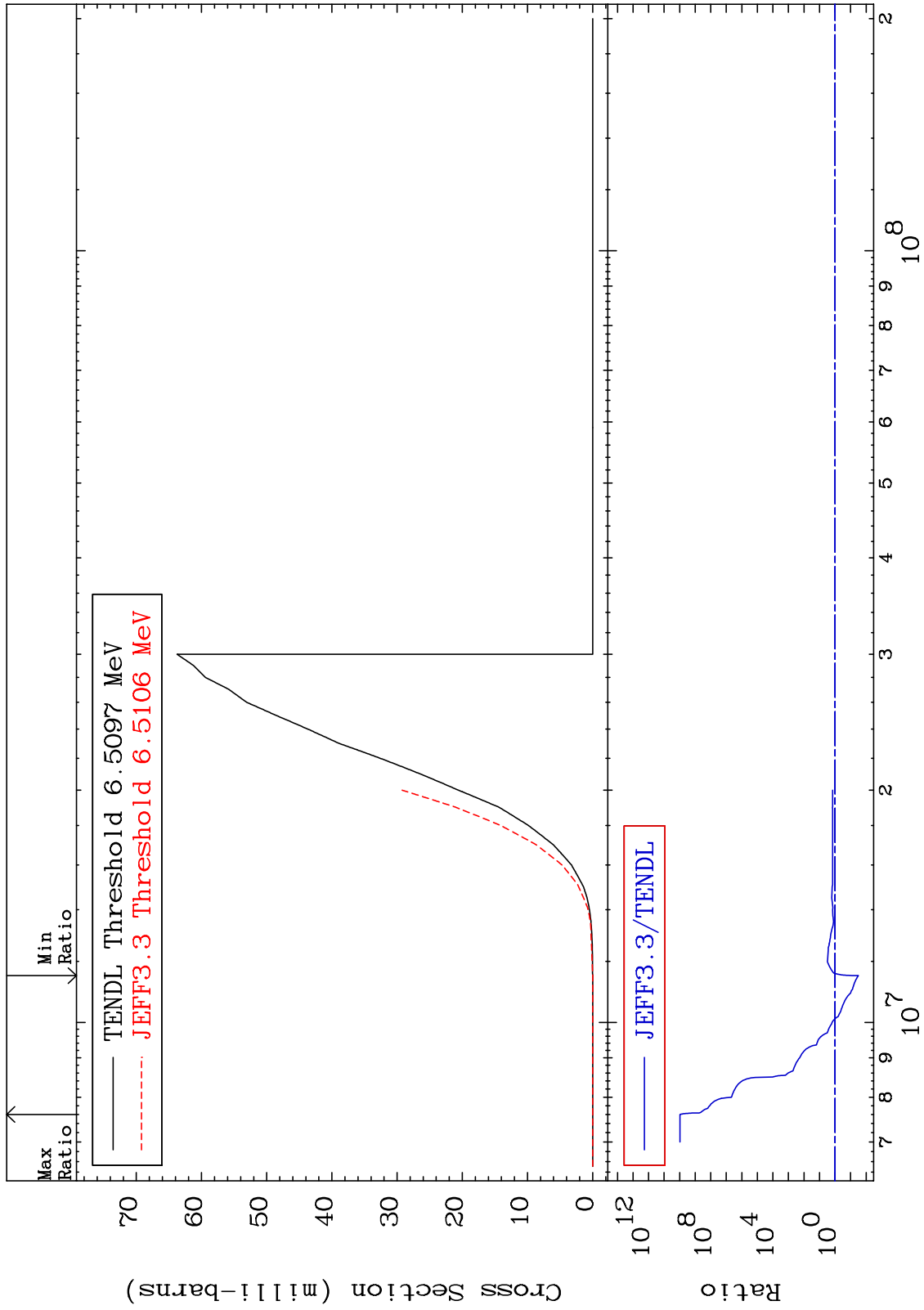
Cross Section



MAT 6334

(n, n') p  
Cross Section

63-Eu-154  
-96.85 To 9999. %

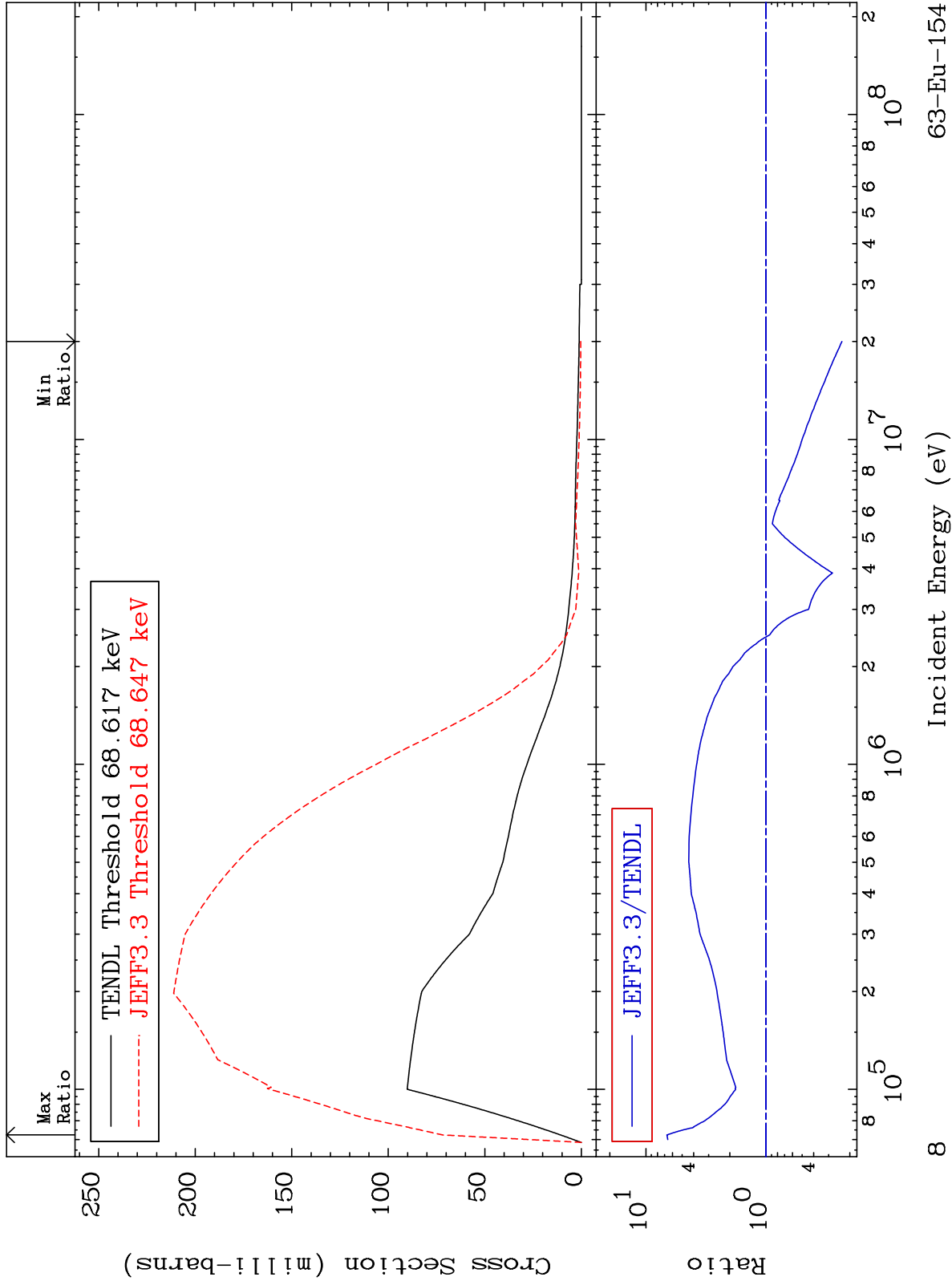




MAT 6334

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

63-Eu-154  
-76.73 To 567.1 %



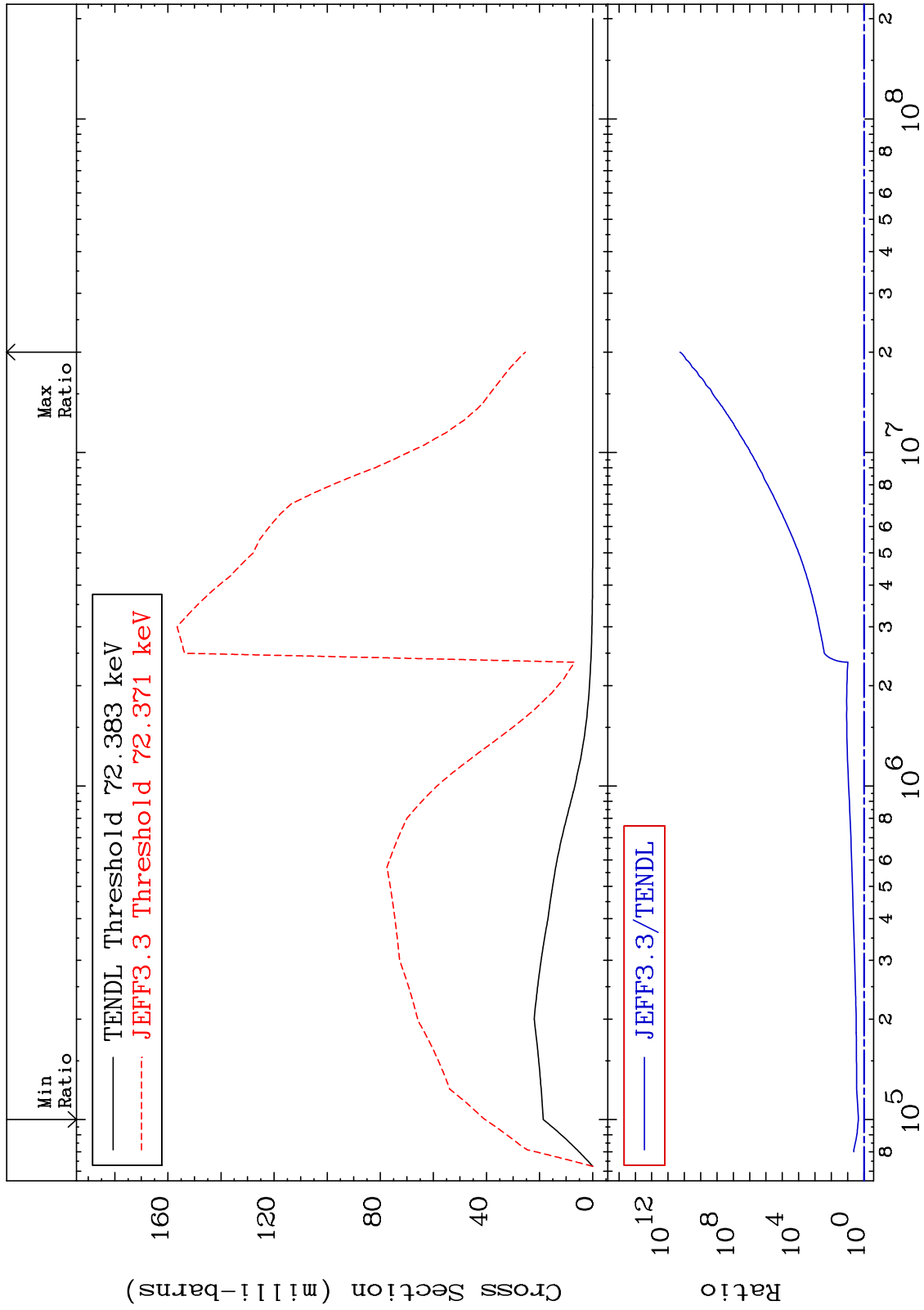
63-Eu-154

8

MAT 6334

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

63-Eu-154  
118.1 To 9999. %



9

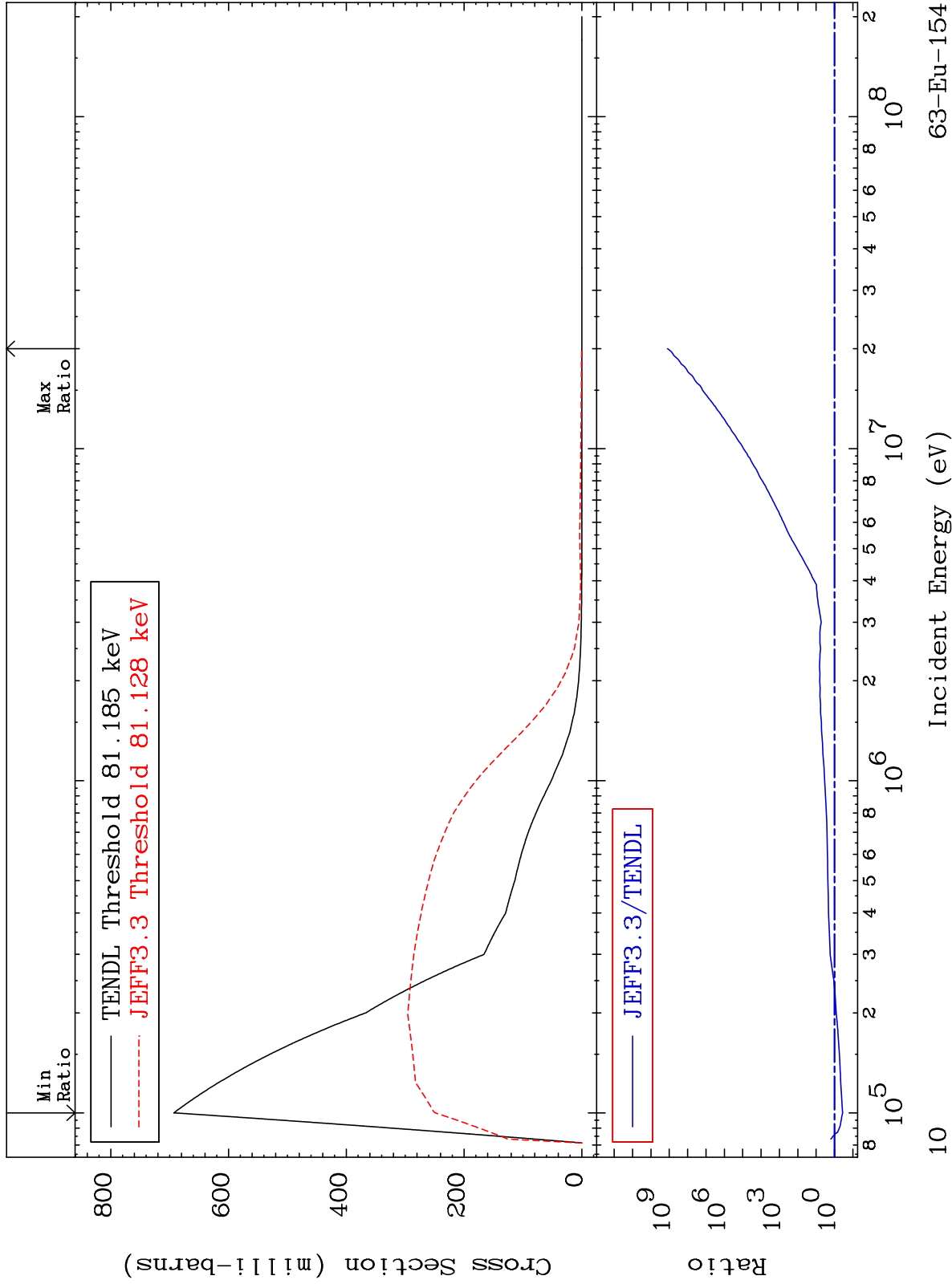
Incident Energy (eV)

63-Eu-154

MAT 6334

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

63-Eu-154  
-64.08 To 9999. %

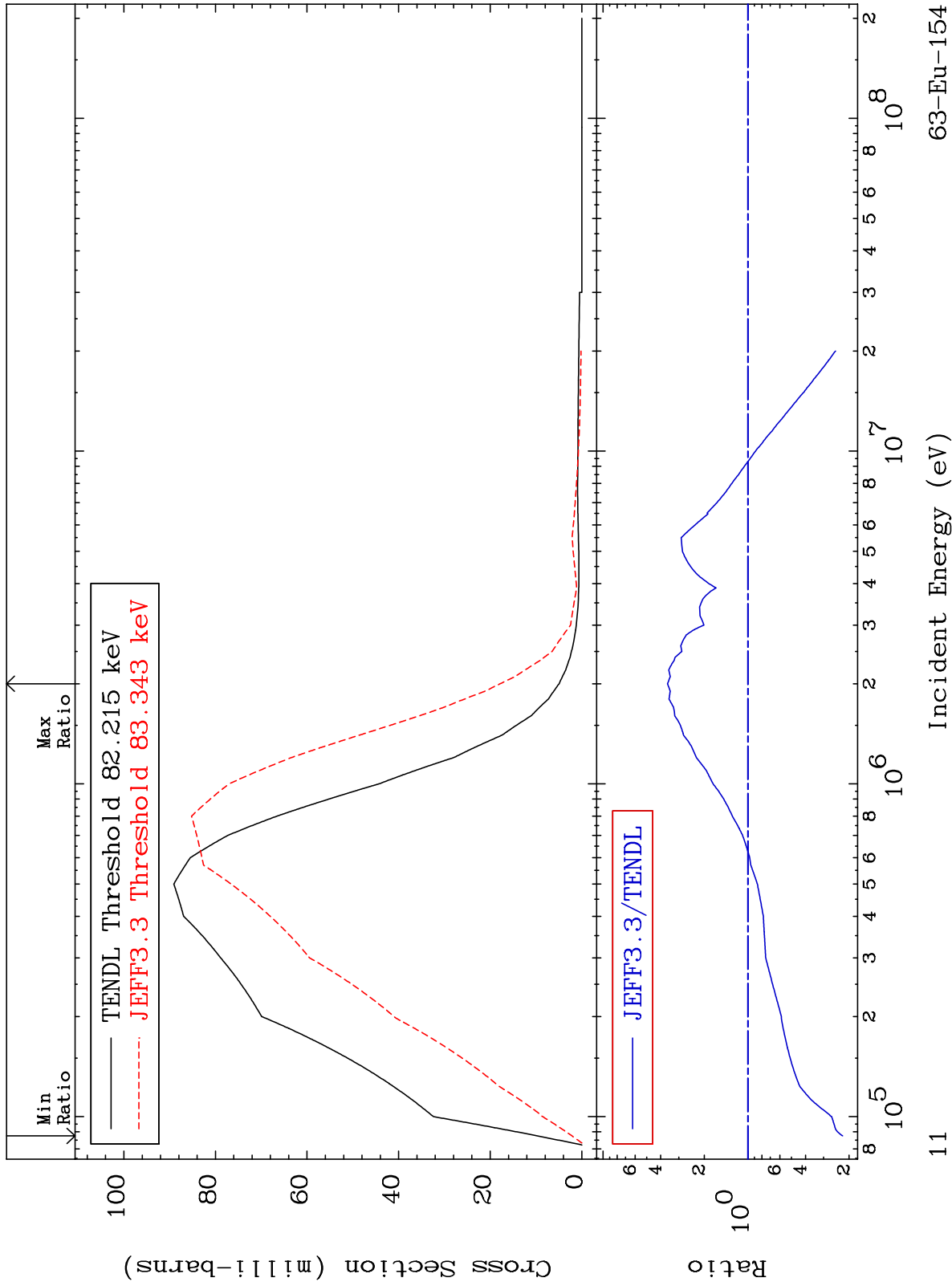


63-Eu-154

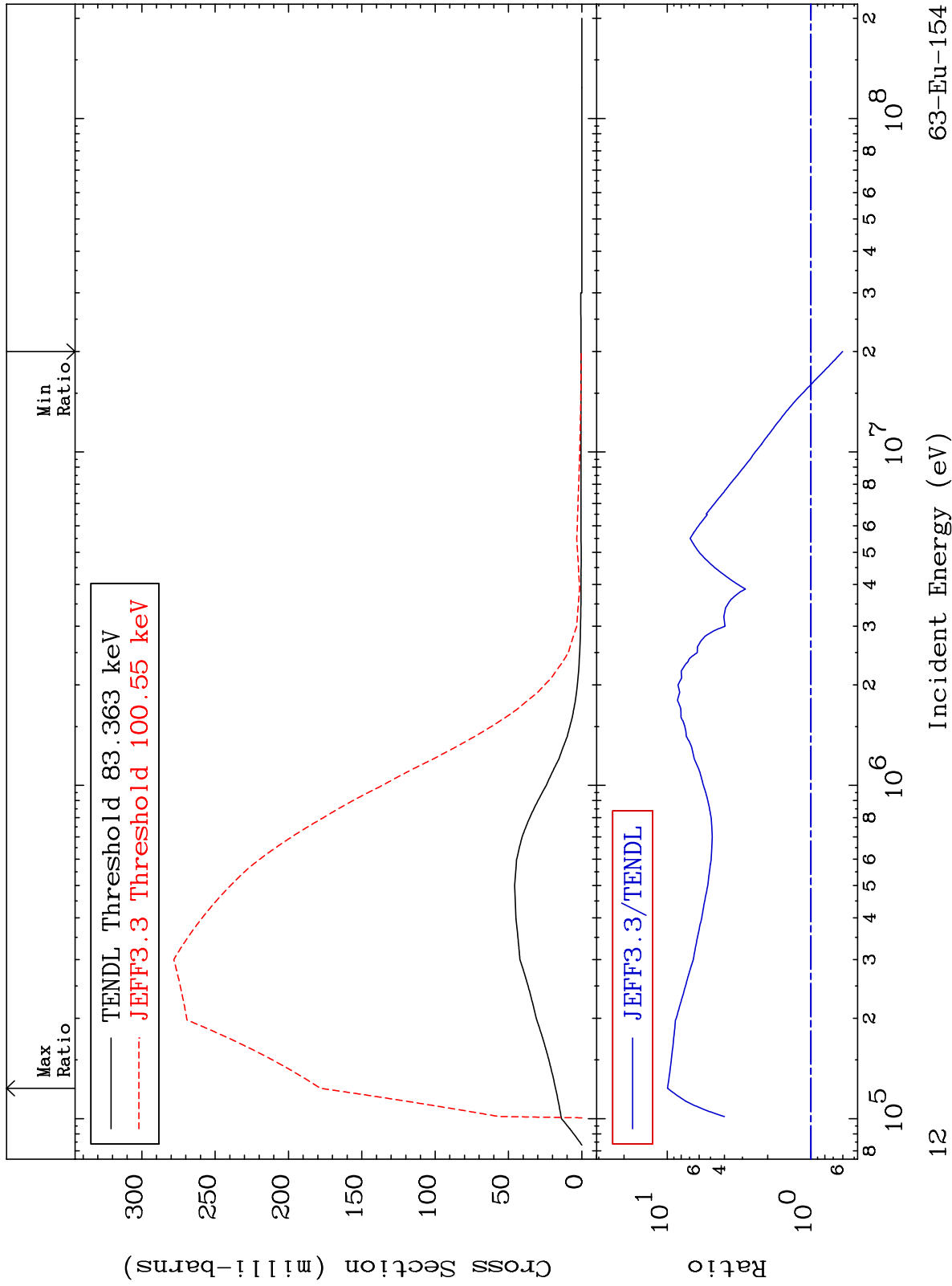
MAT 6334

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 %

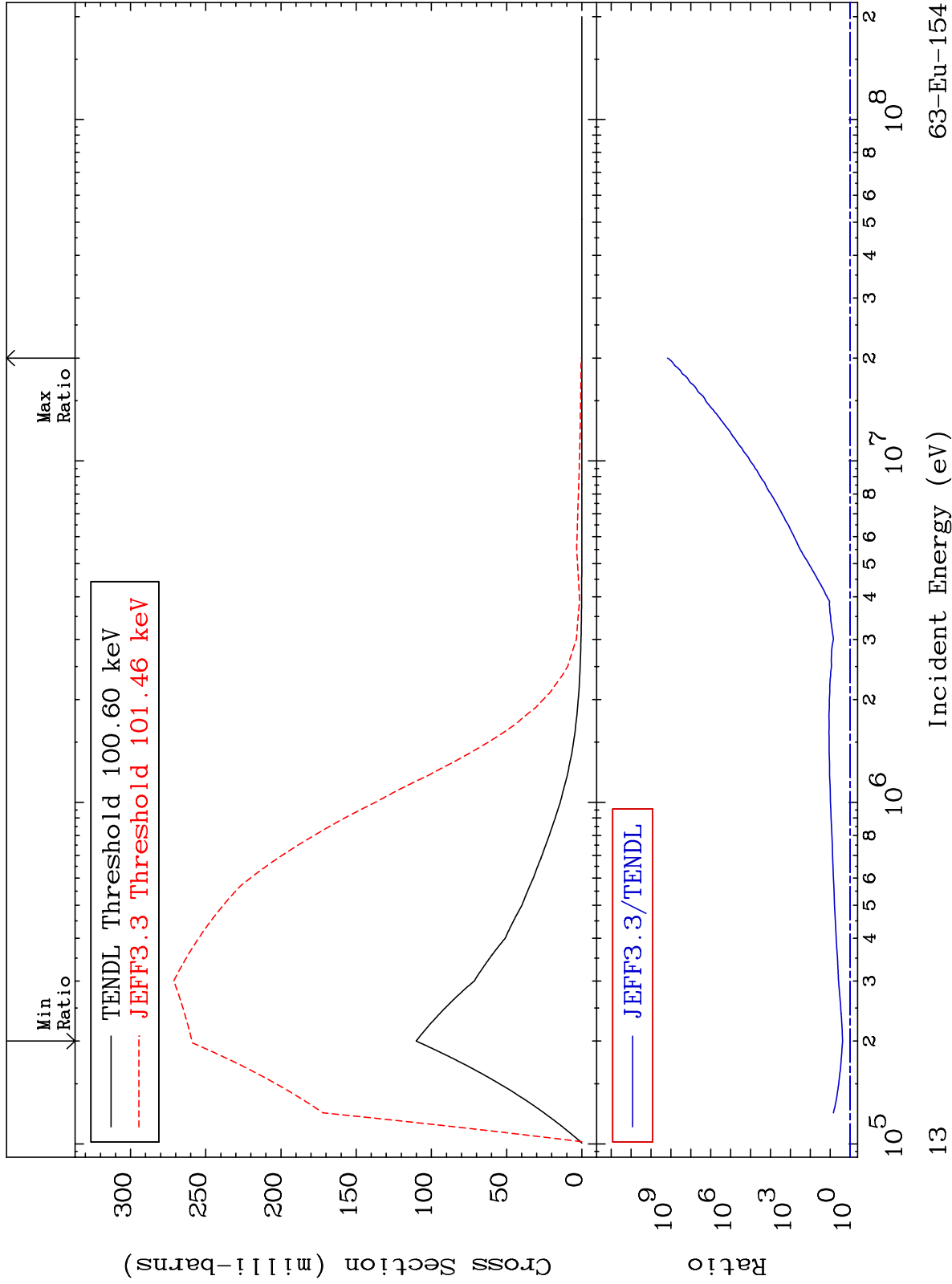


12      Incident Energy (eV)      63-Eu-154

MAT 6334

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

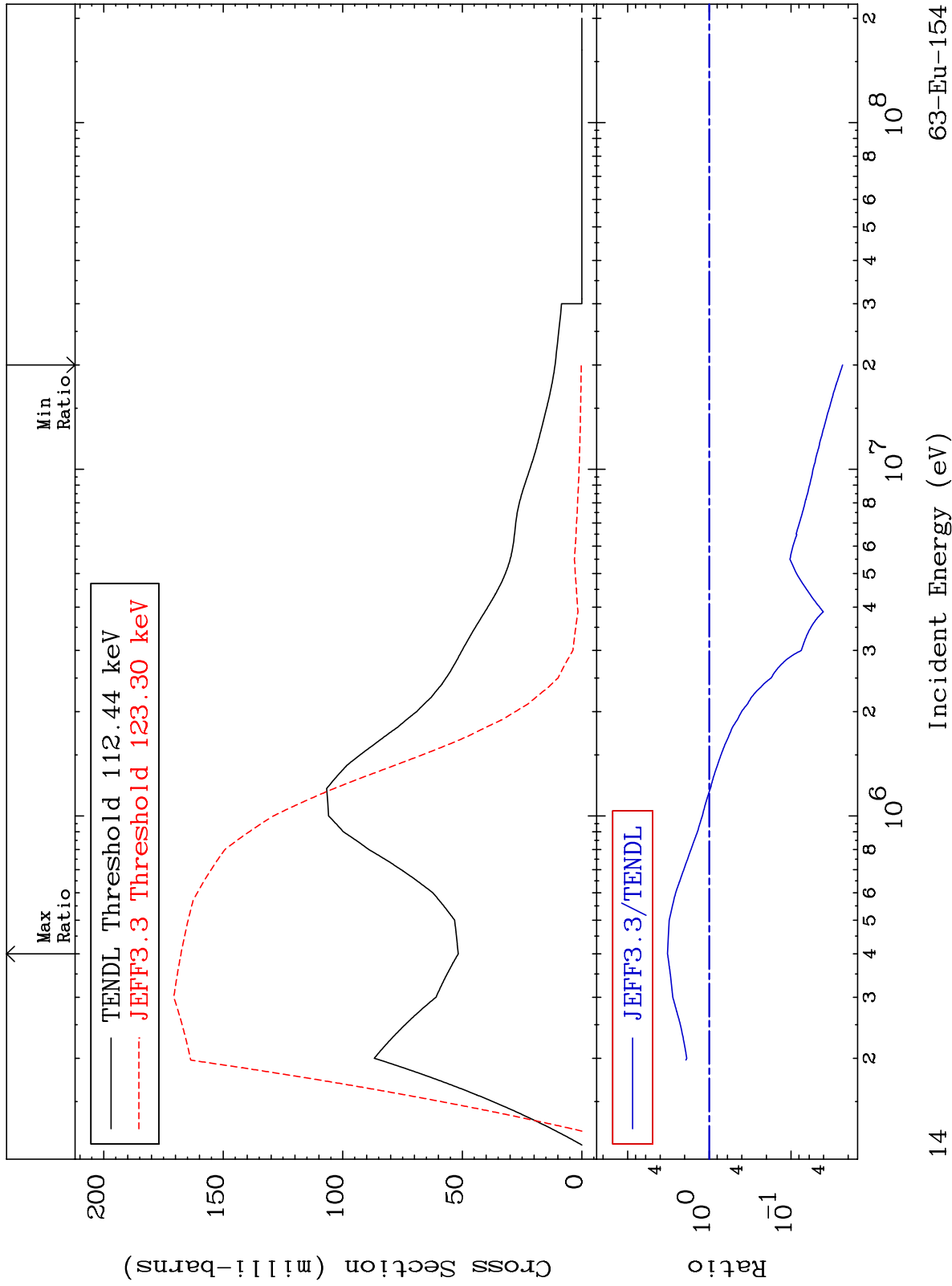
63-Eu-154  
135.2 To 9999. %



63-Eu-154

13

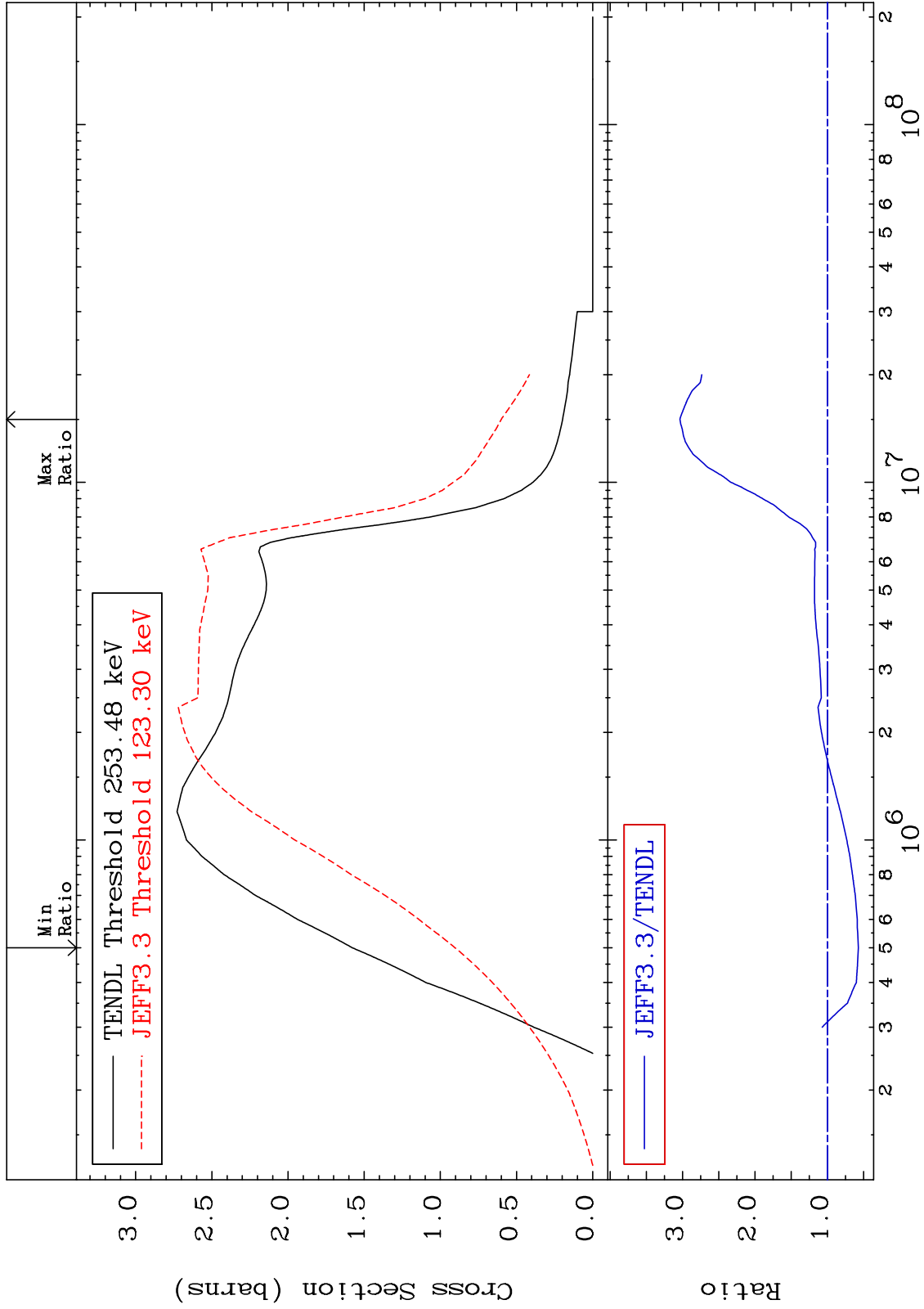
MAT 6334      MT= 57 (n,n') Level Cross Section      63-Eu-154  
 -97.66 To 224.3 %



MAT 6334

(n, n') Continuum  
Cross Section

63-Eu-154  
-42.74 To 203.5 %

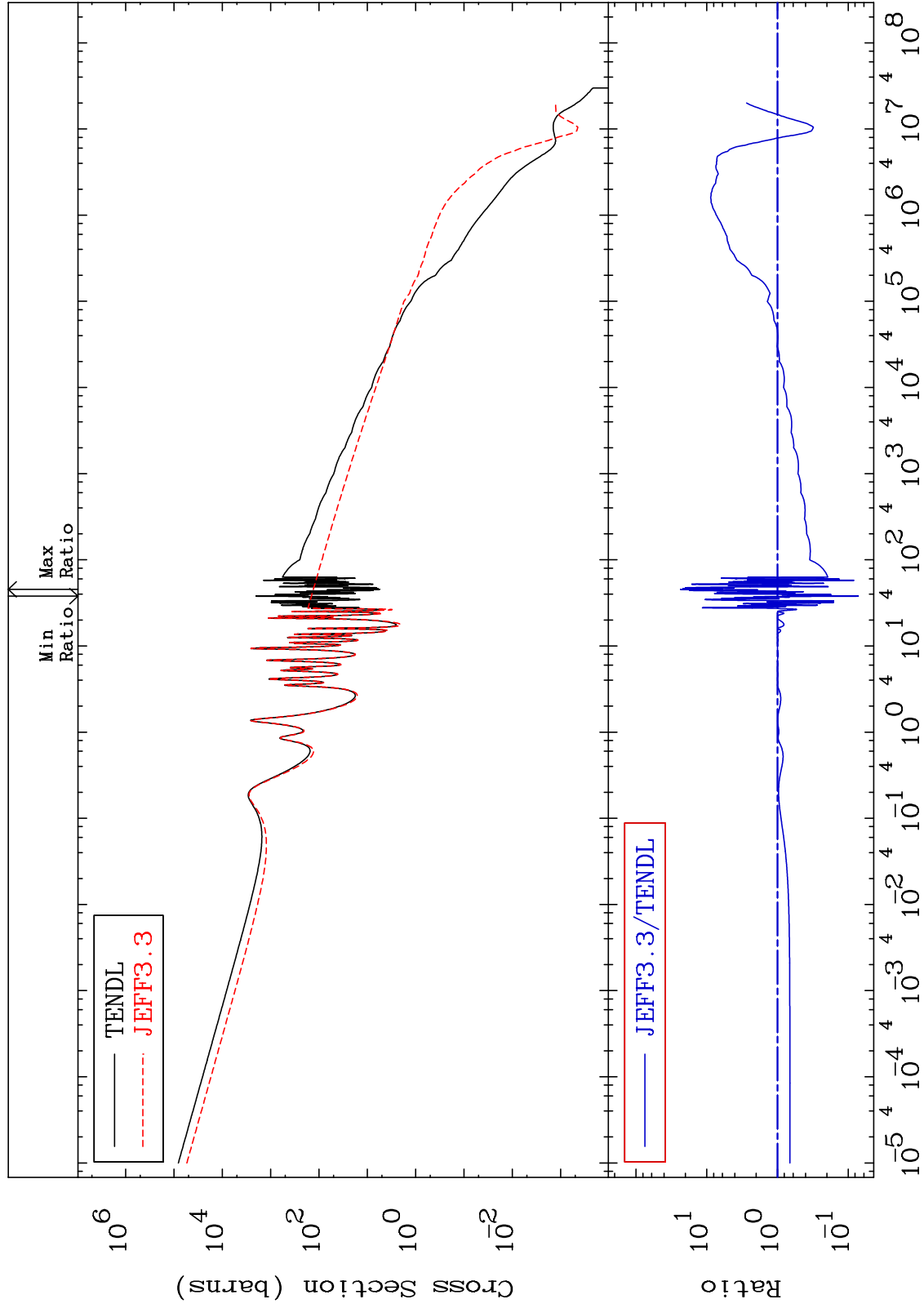




MAT 6334

(n,  $\gamma$ )  
Cross Section

63-Eu-154  
-92.85 To 2254. %



16

Incident Energy (eV)

63-Eu-154

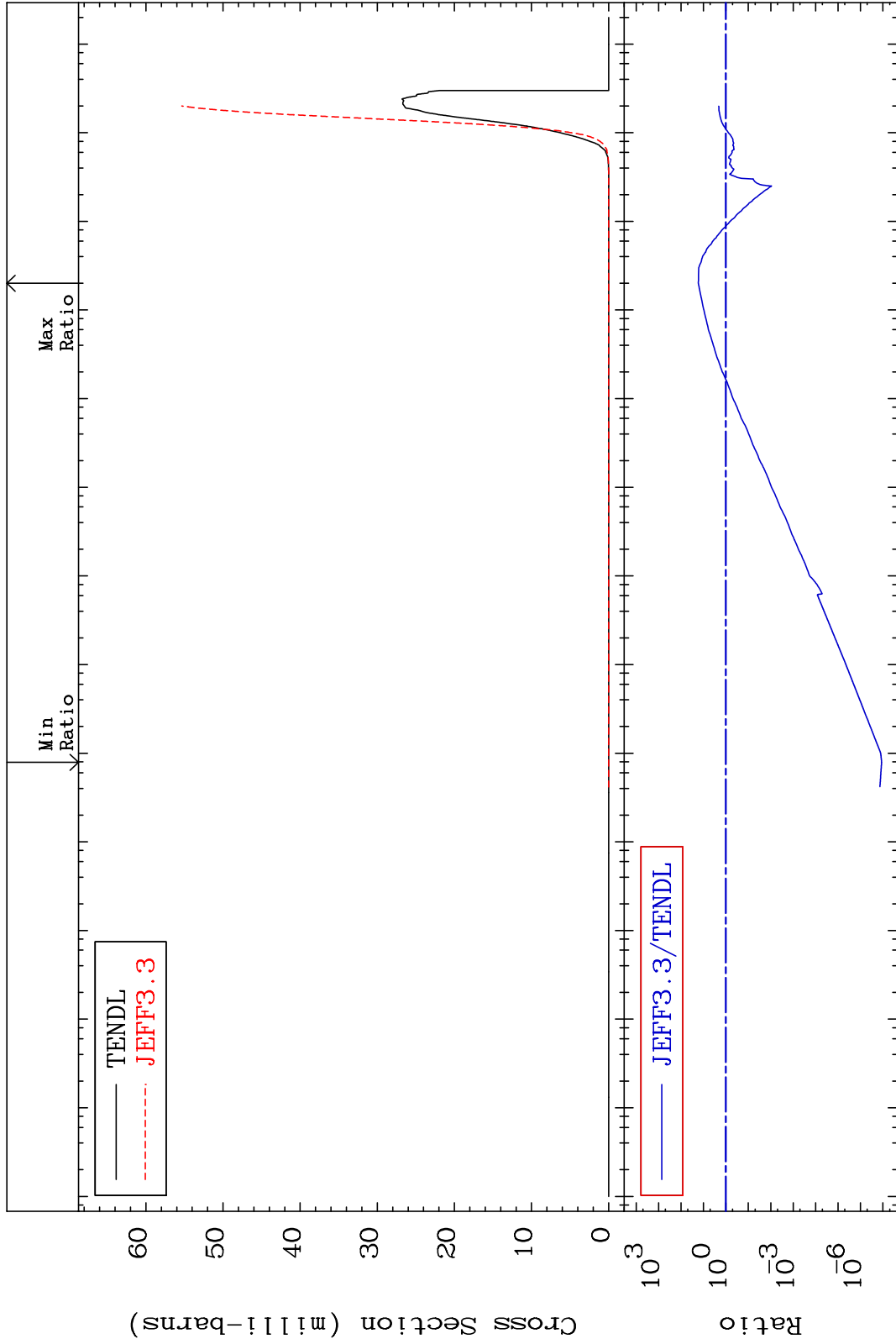
MAT 6334

63-Eu-154

(n,p)

Cross Section

-100.0 To 1587. %



Incident Energy (eV)

63-Eu-154

17

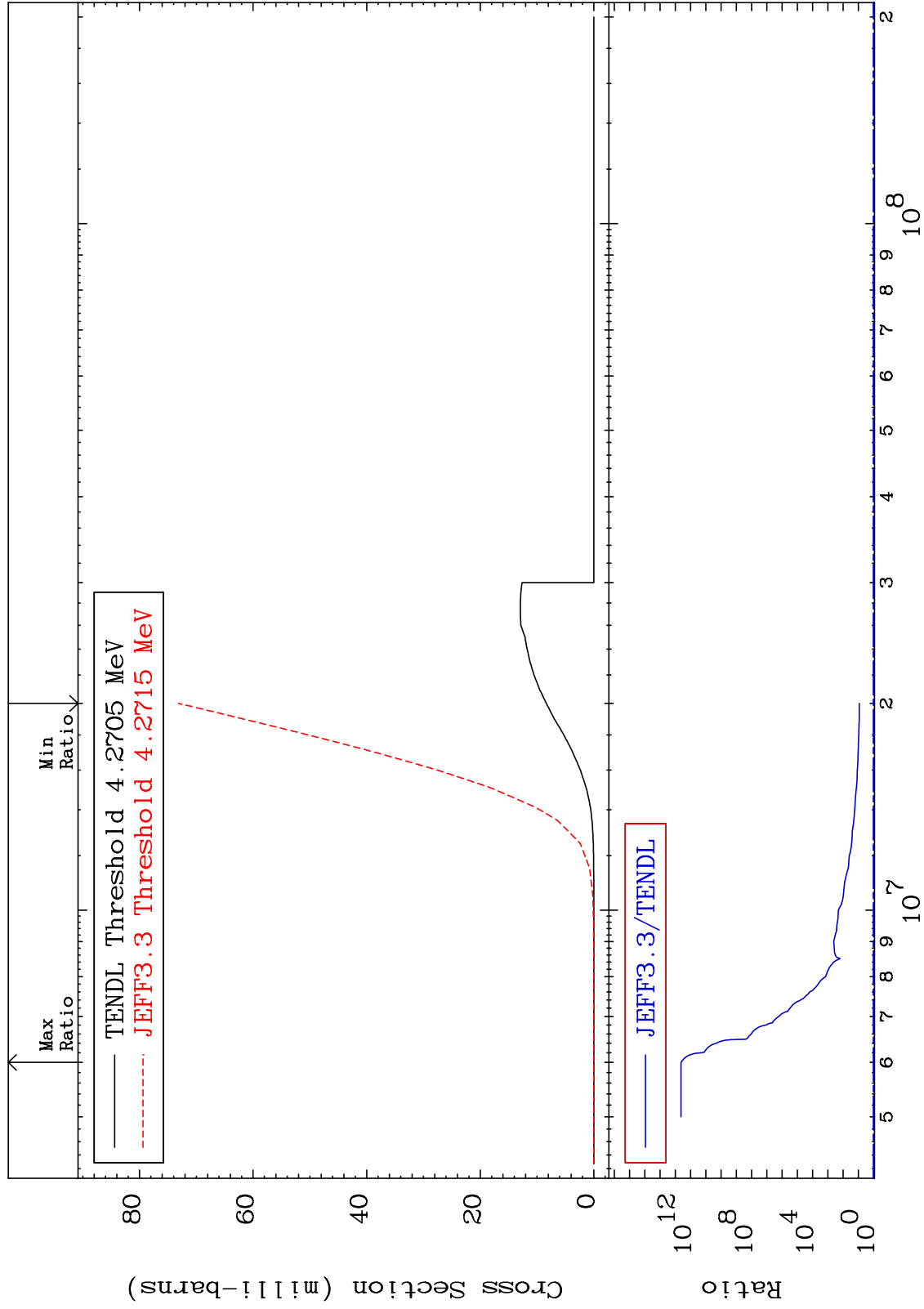
MAT 6334

(n, d)

63-Eu-154

774.1 To 9999. %

Cross Section



18

Incident Energy (eV)

63-Eu-154

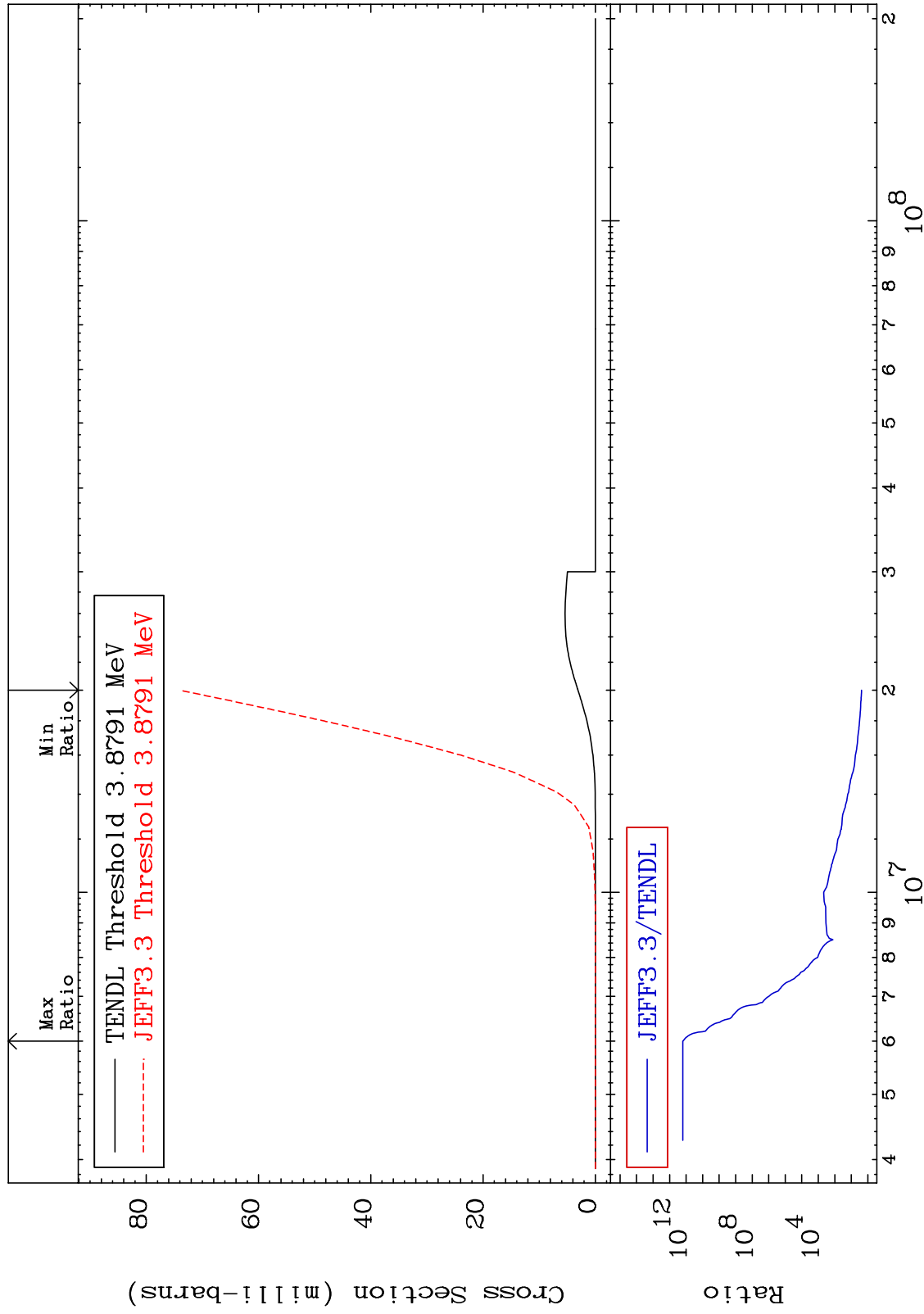
MAT 6334

(n, t)

63-Eu-154

Cross Section

2285. To 9999. %



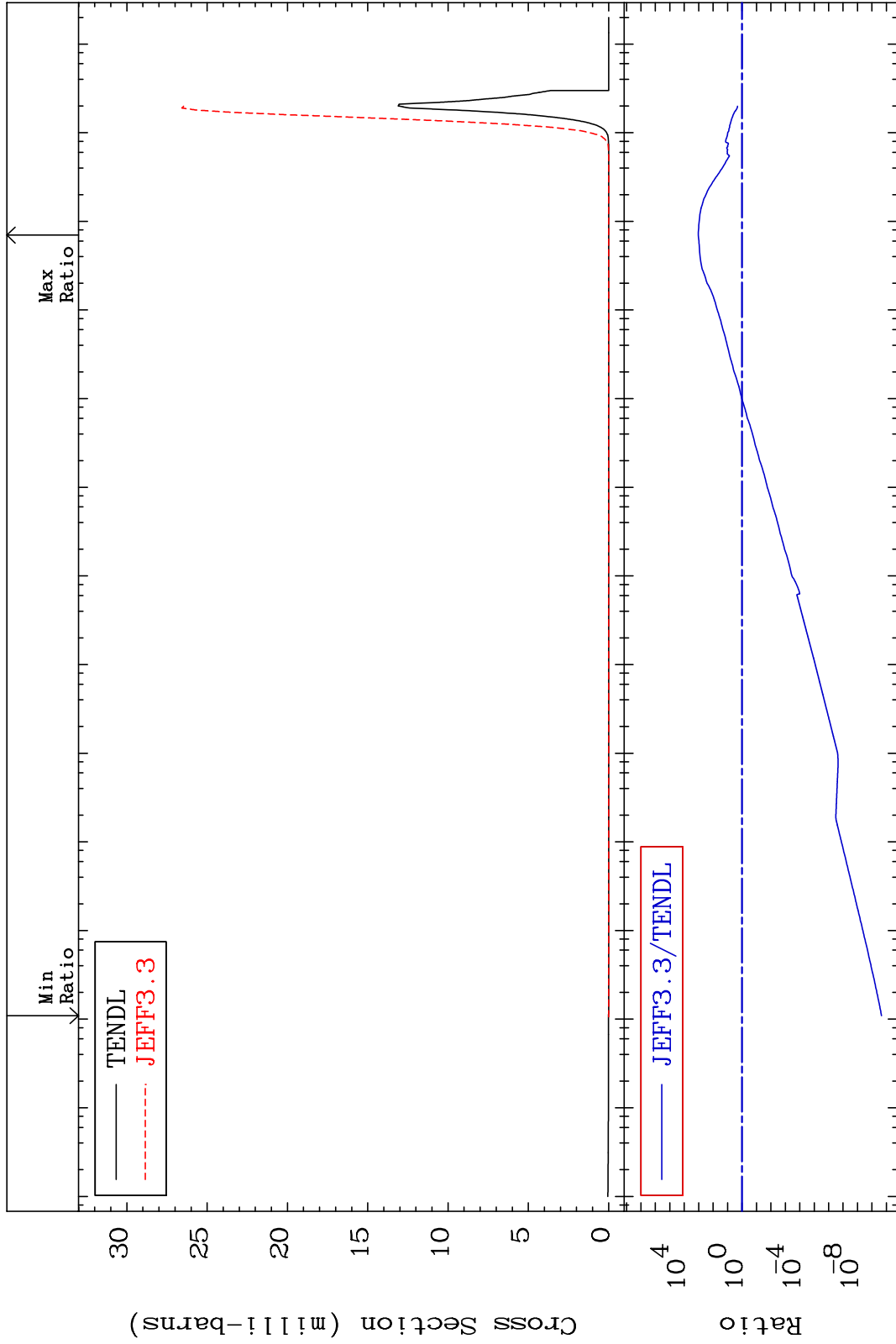
MAT 6334

(n,  $\alpha$ )

63-Eu-154

Cross Section

-100.0 To 9999. %



Incident Energy (eV)

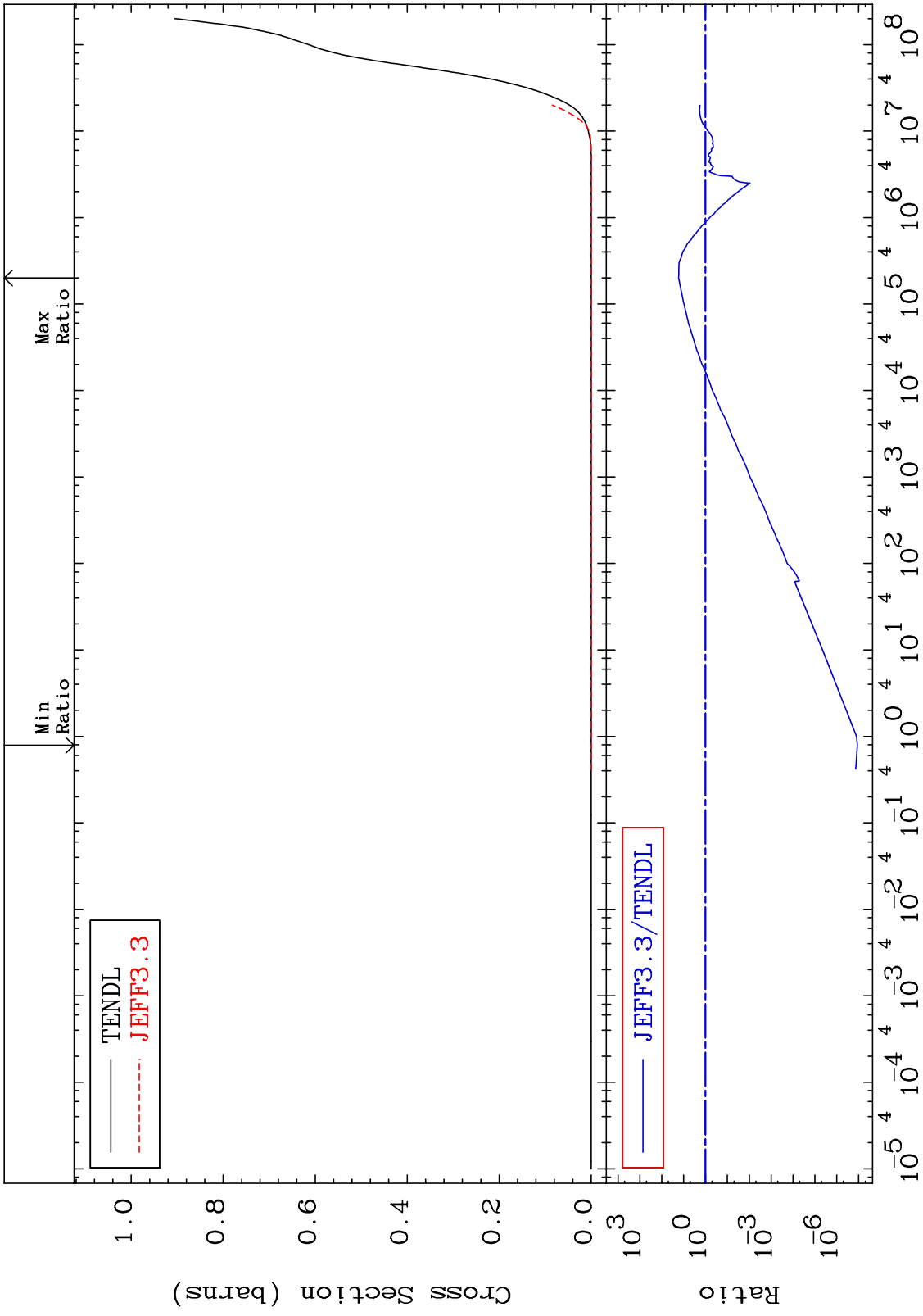
20

63-Eu-154

MAT 6334

### Hydrogen Production Cross Section

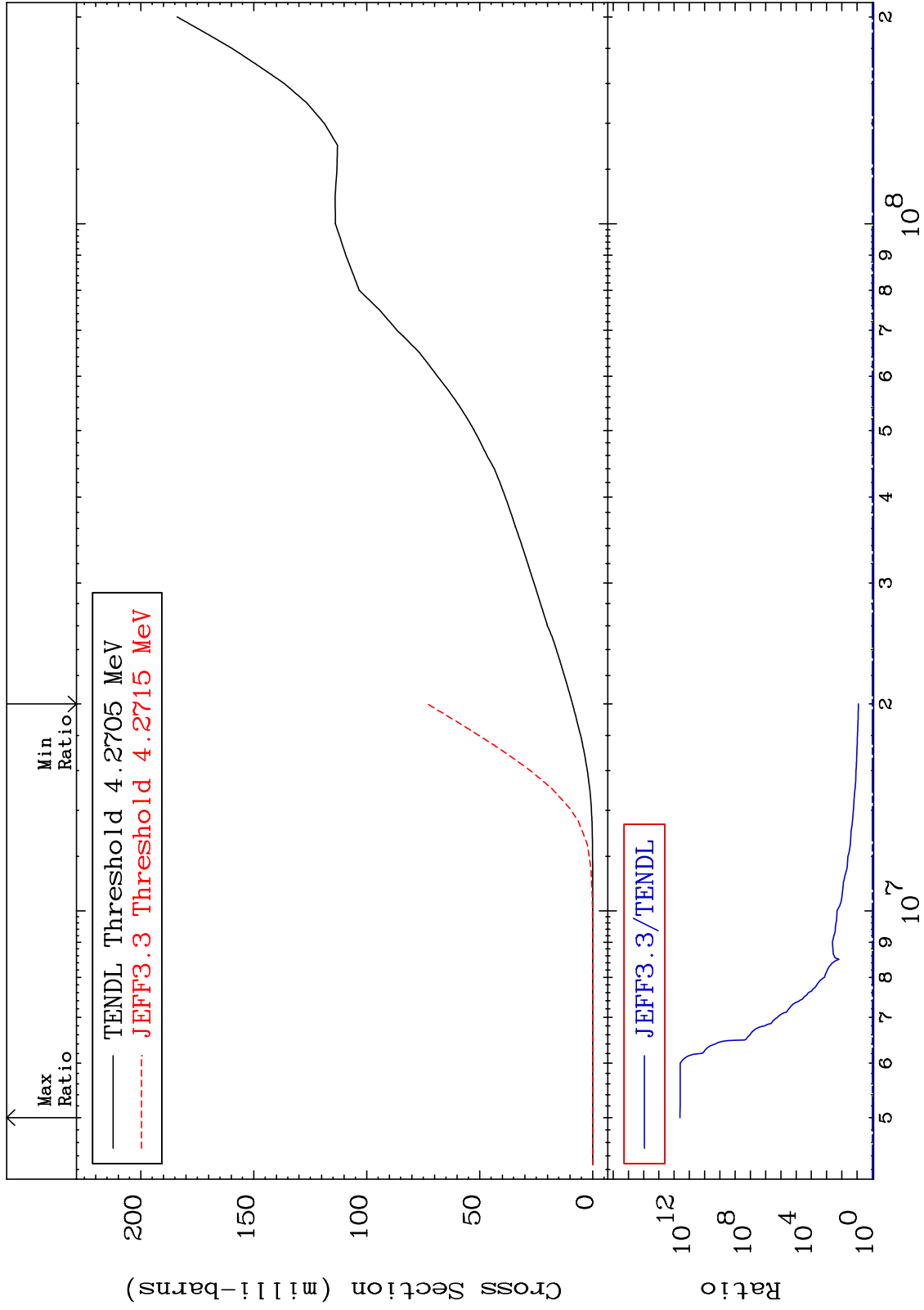
63-Eu-154  
-100.0 To 1587. %



MAT 6334

Deuterium Production  
Cross Section

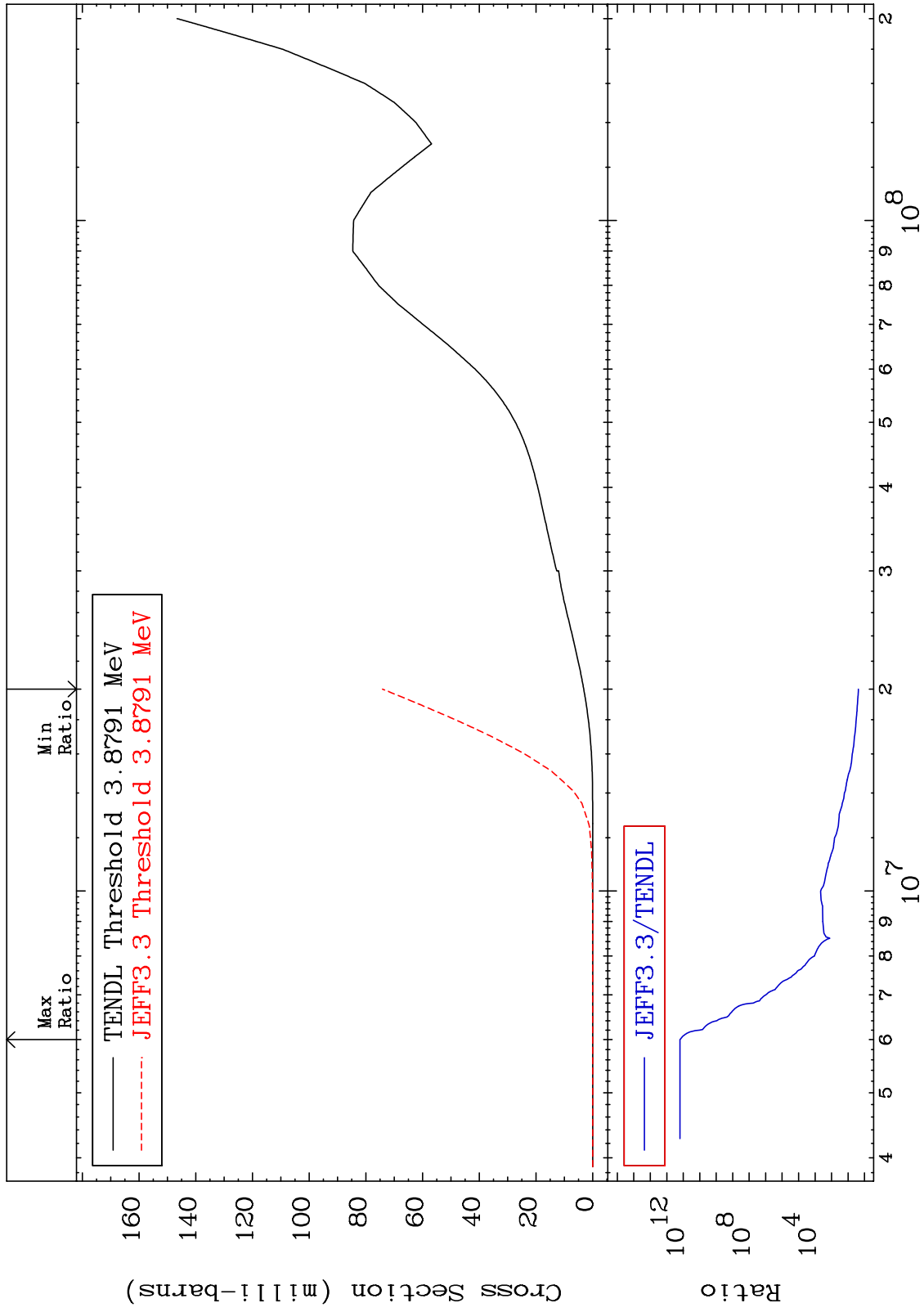
63-Eu-154  
718.1 To 9999. %



MAT 6334

Tritium Production  
Cross Section

63-Eu-154  
2248. To 9999. %

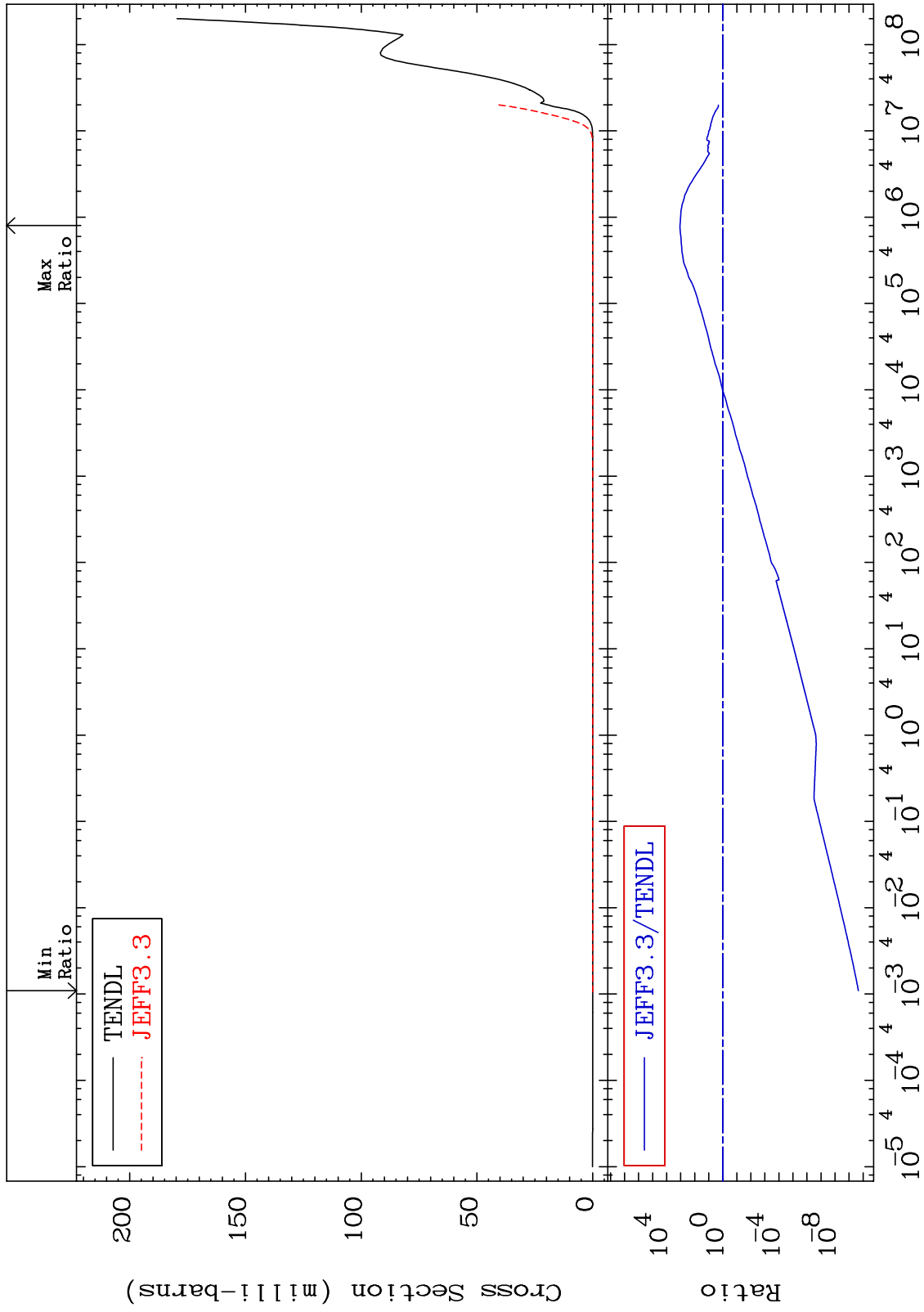




MAT 6334

He-4 Production  
Cross Section

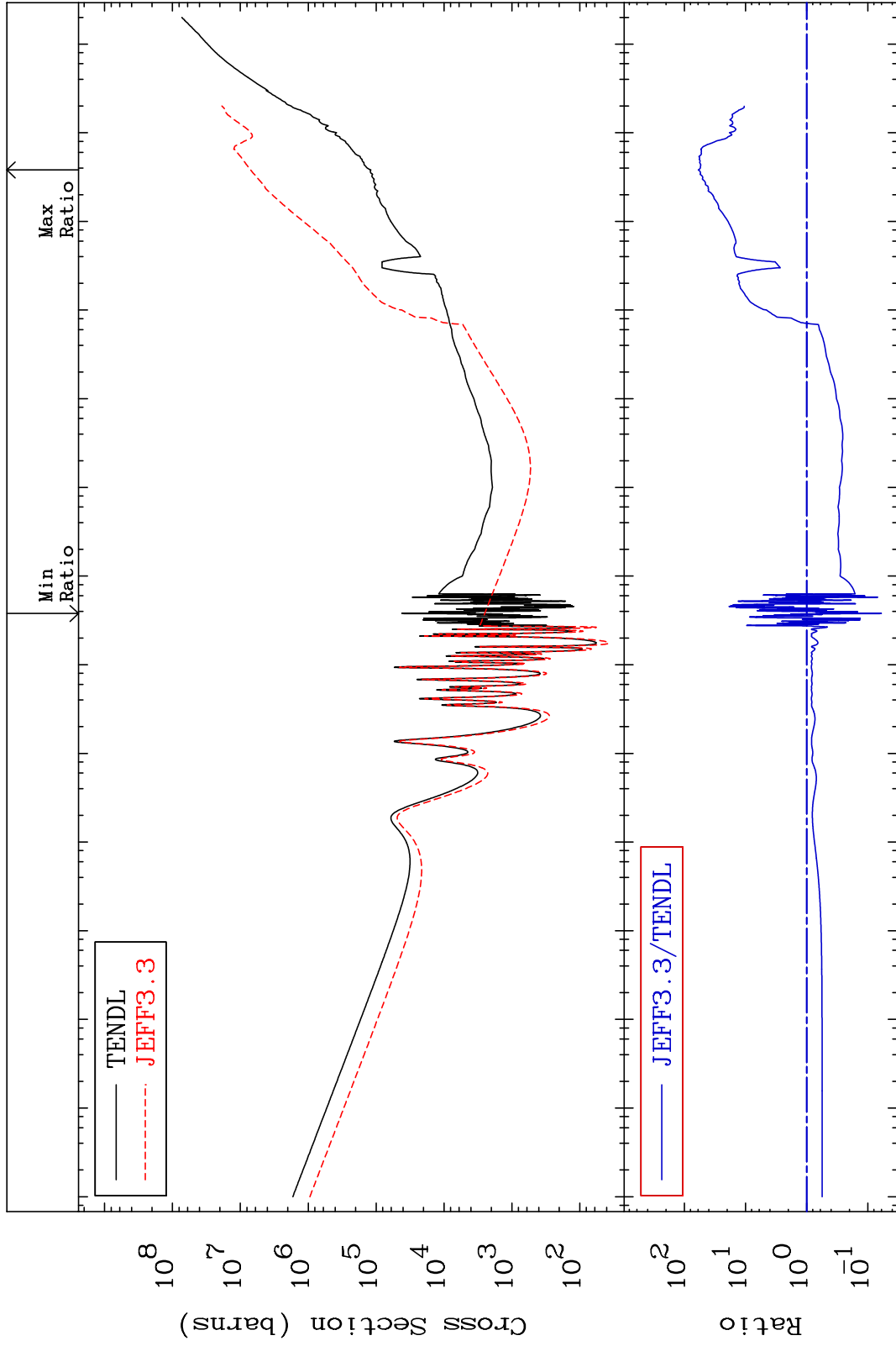
63-Eu-154  
-100.0 To 9999. %



MAT 6334

Kerma total (eV-barns)  
Cross Section

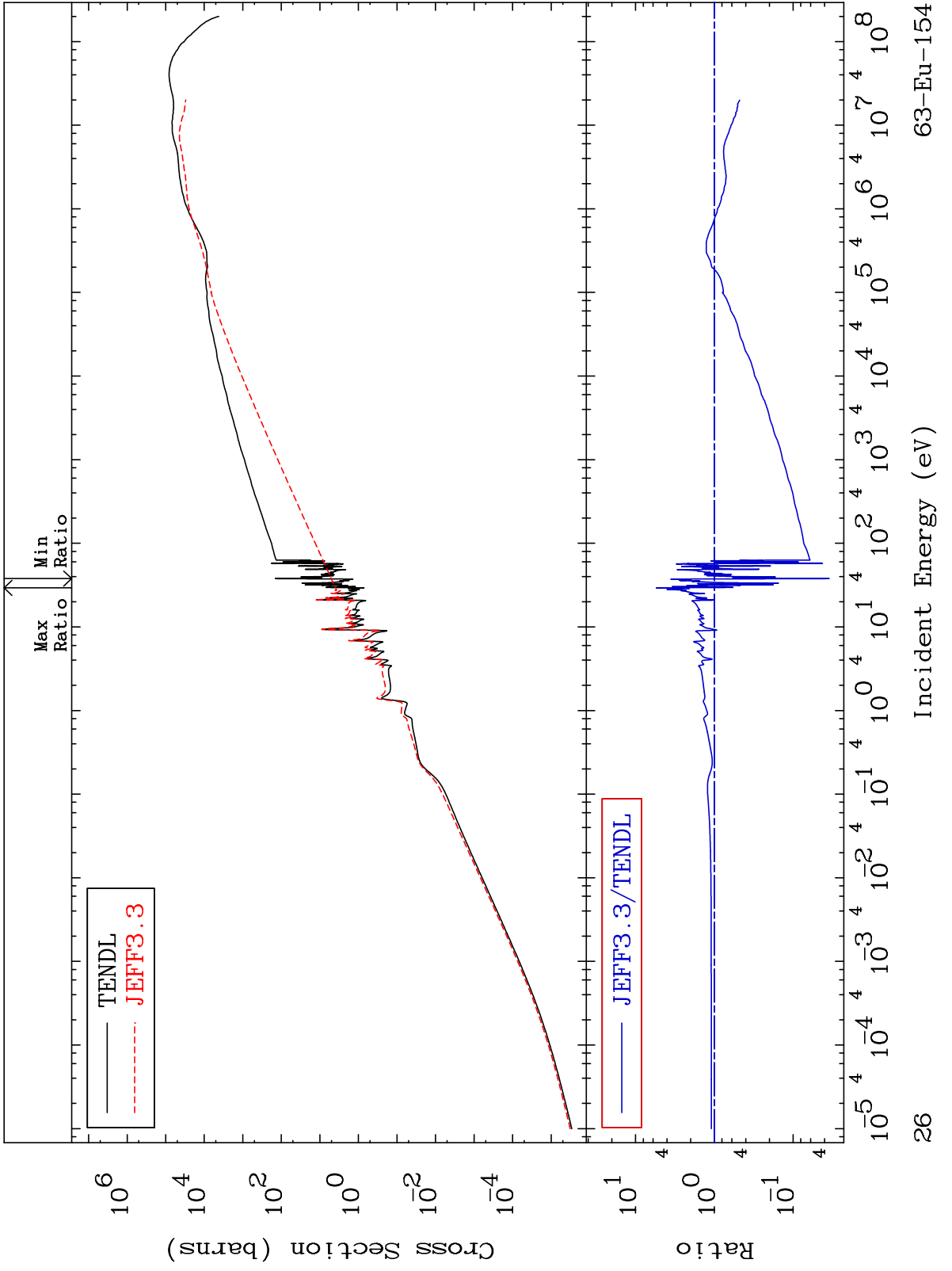
63-Eu-154  
-94.01 To 5823. %



MAT 6334

Kerma elastic  
Cross Section

63-Eu-154  
-96.50 To 446.6 %

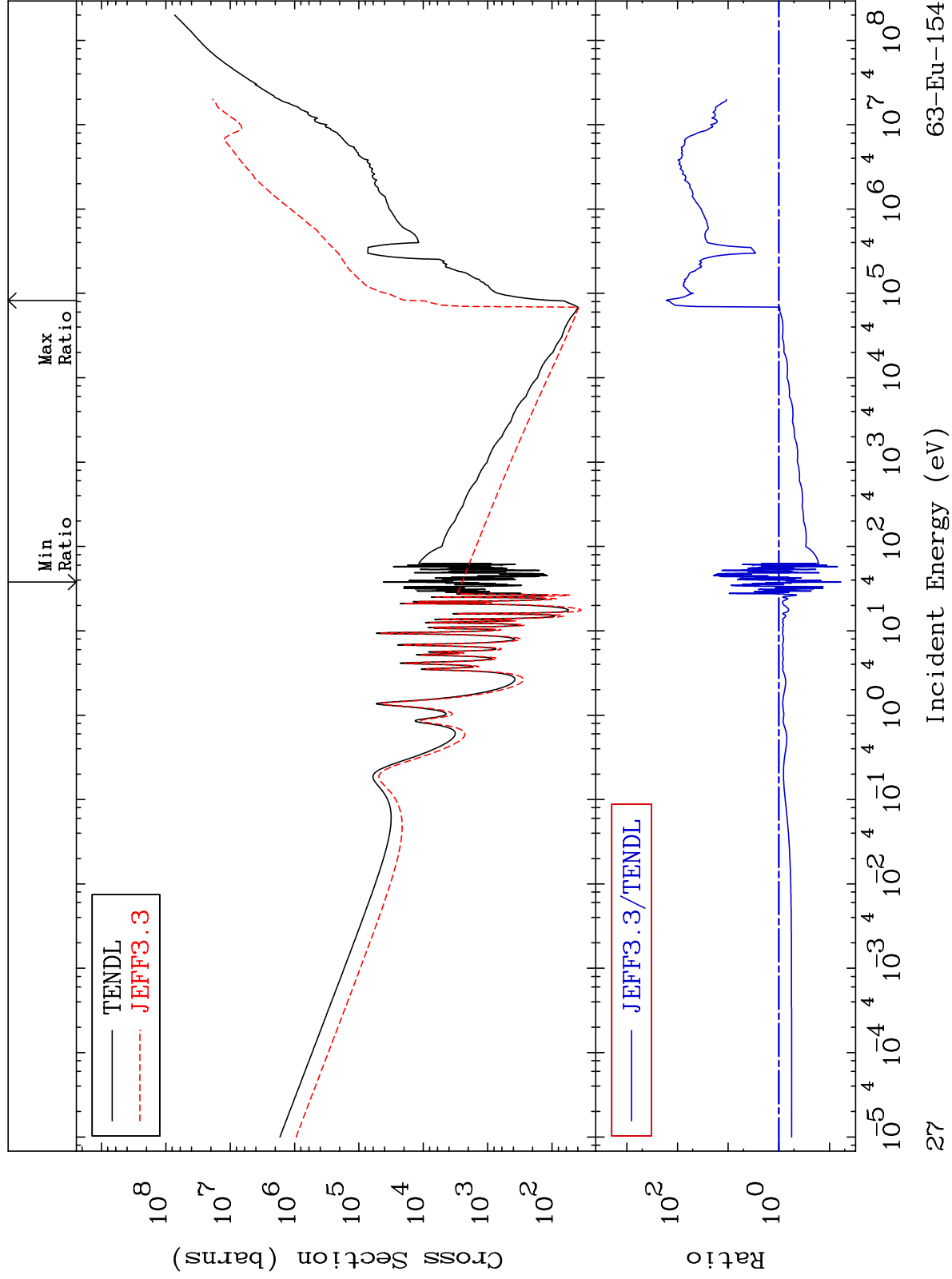


63-Eu-154

MAT 6334

Kerma non-elastic (all but mt2)  
Cross Section

63-Eu-154  
-94.00 To 9999. %



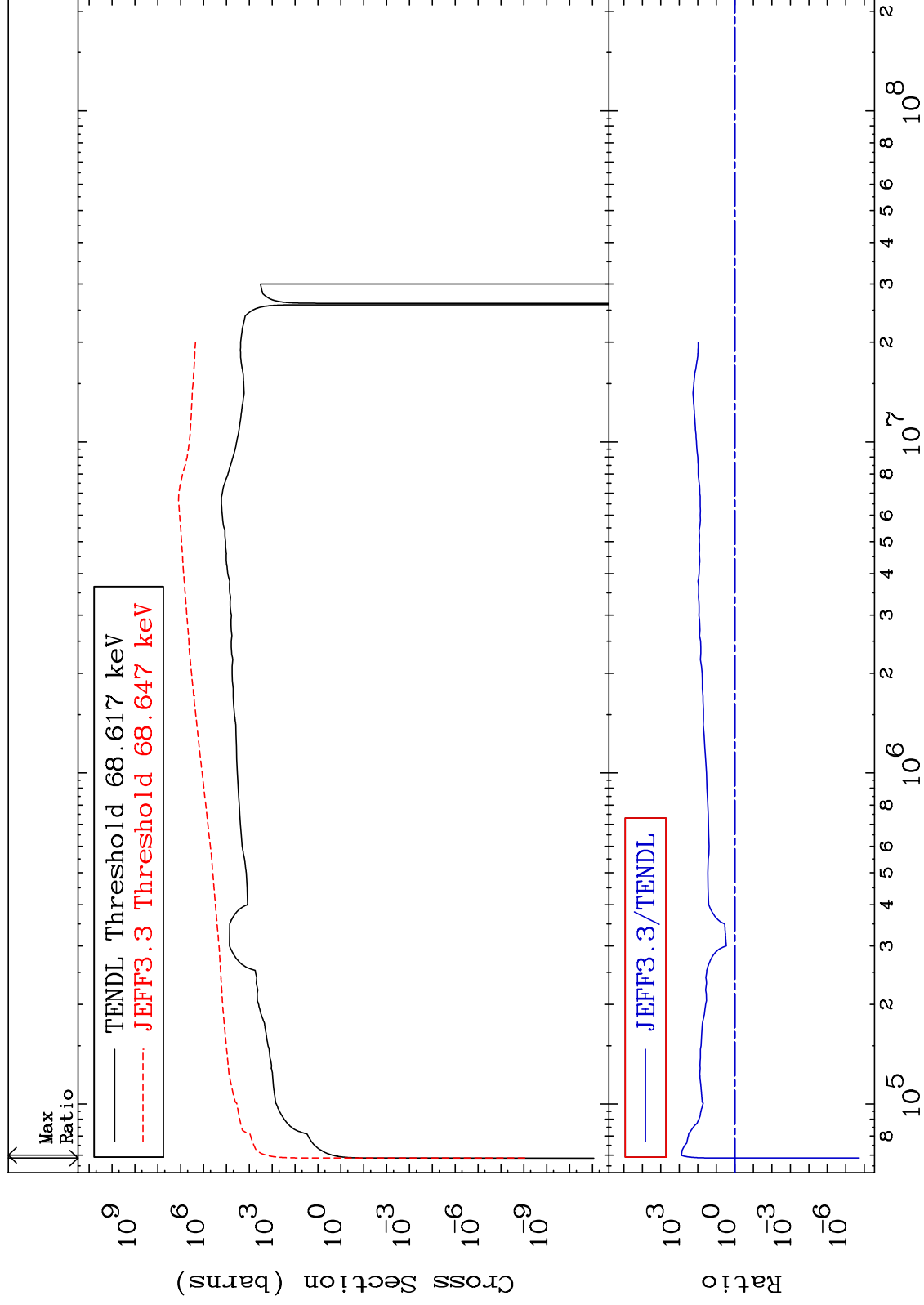
27

63-Eu-154

MAT 6334

Kerma inelastic (mt51-91)  
Cross Section

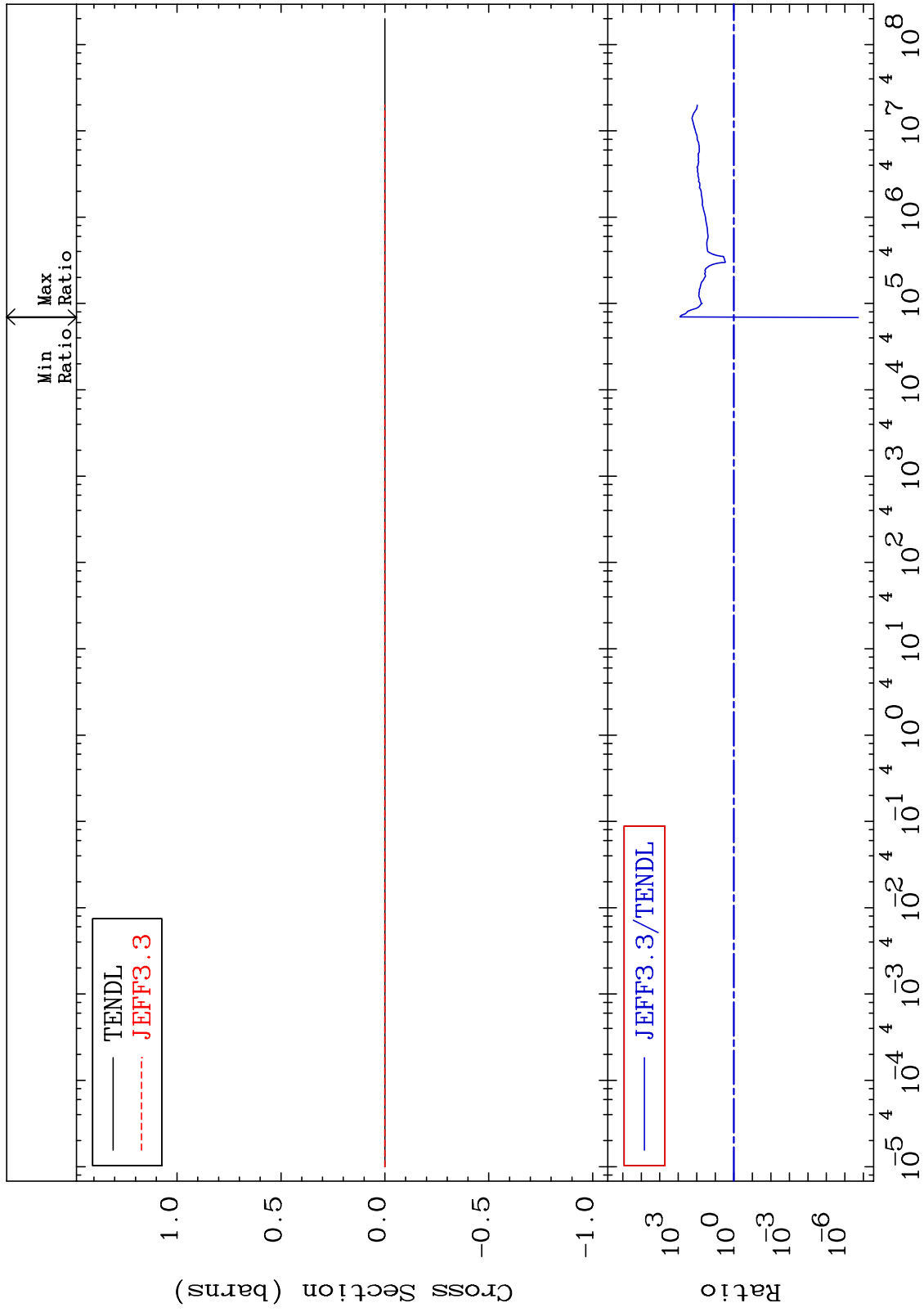
63-Eu-154  
-100.0 To 9999. %



MAT 6334

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

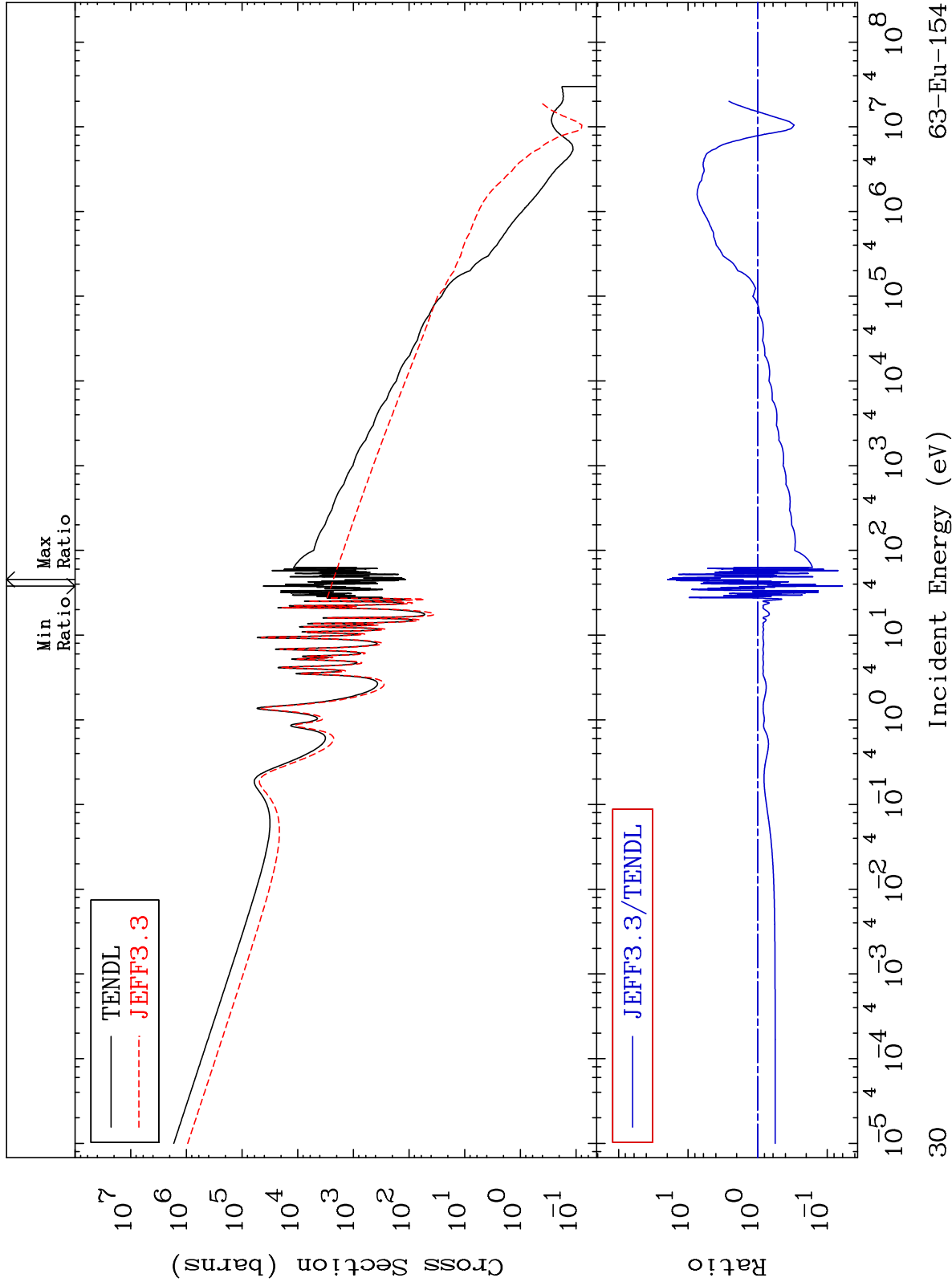
63-Eu-154  
-100.0 To 9999. %



MAT 6334

Kerma capture (mt102)  
Cross Section

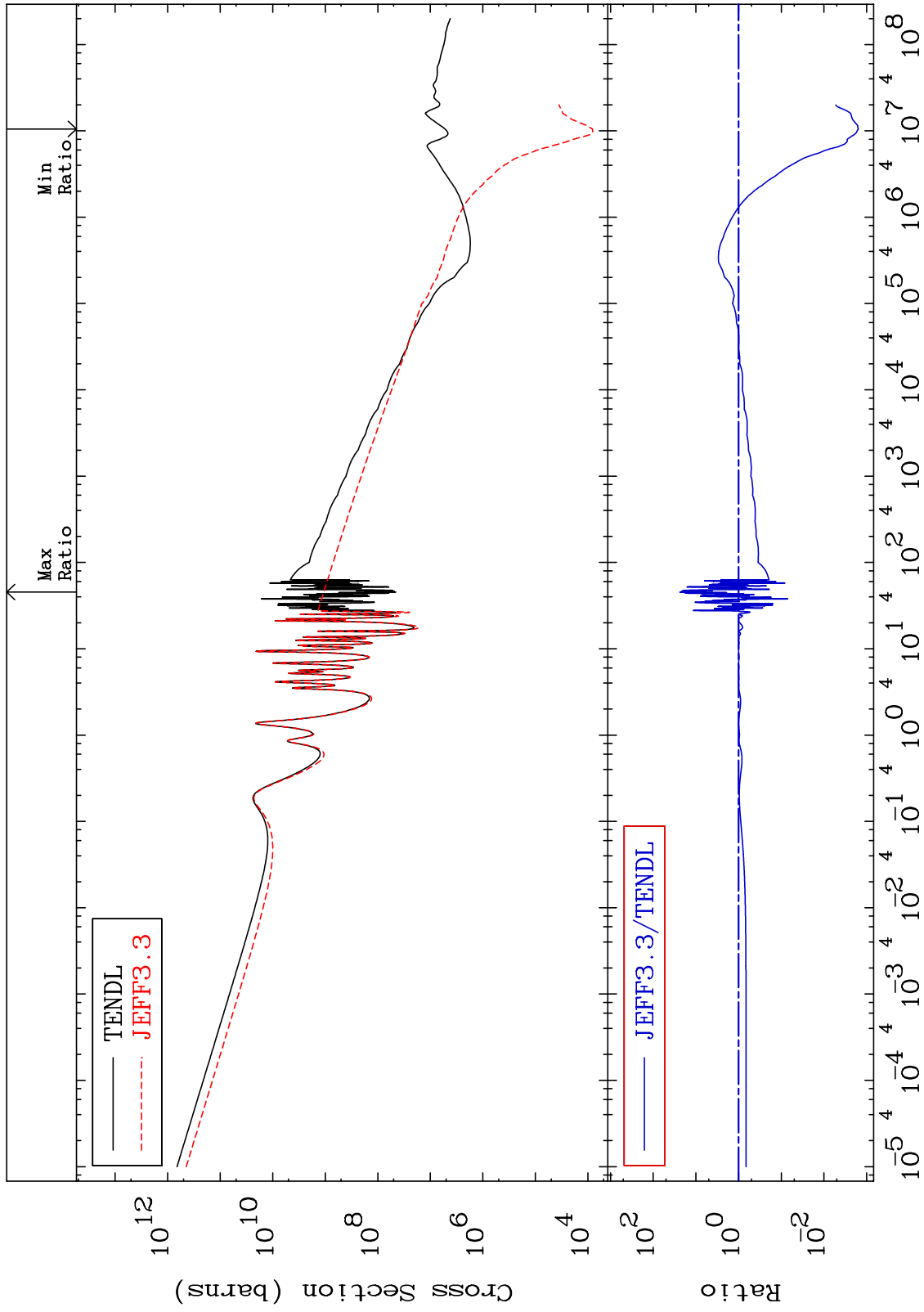
63-Eu-154  
-94.00 To 1876. %



MAT 6334

Total photon (eV-barns)  
Cross Section

63-Eu-154  
-99.84 To 2254. %

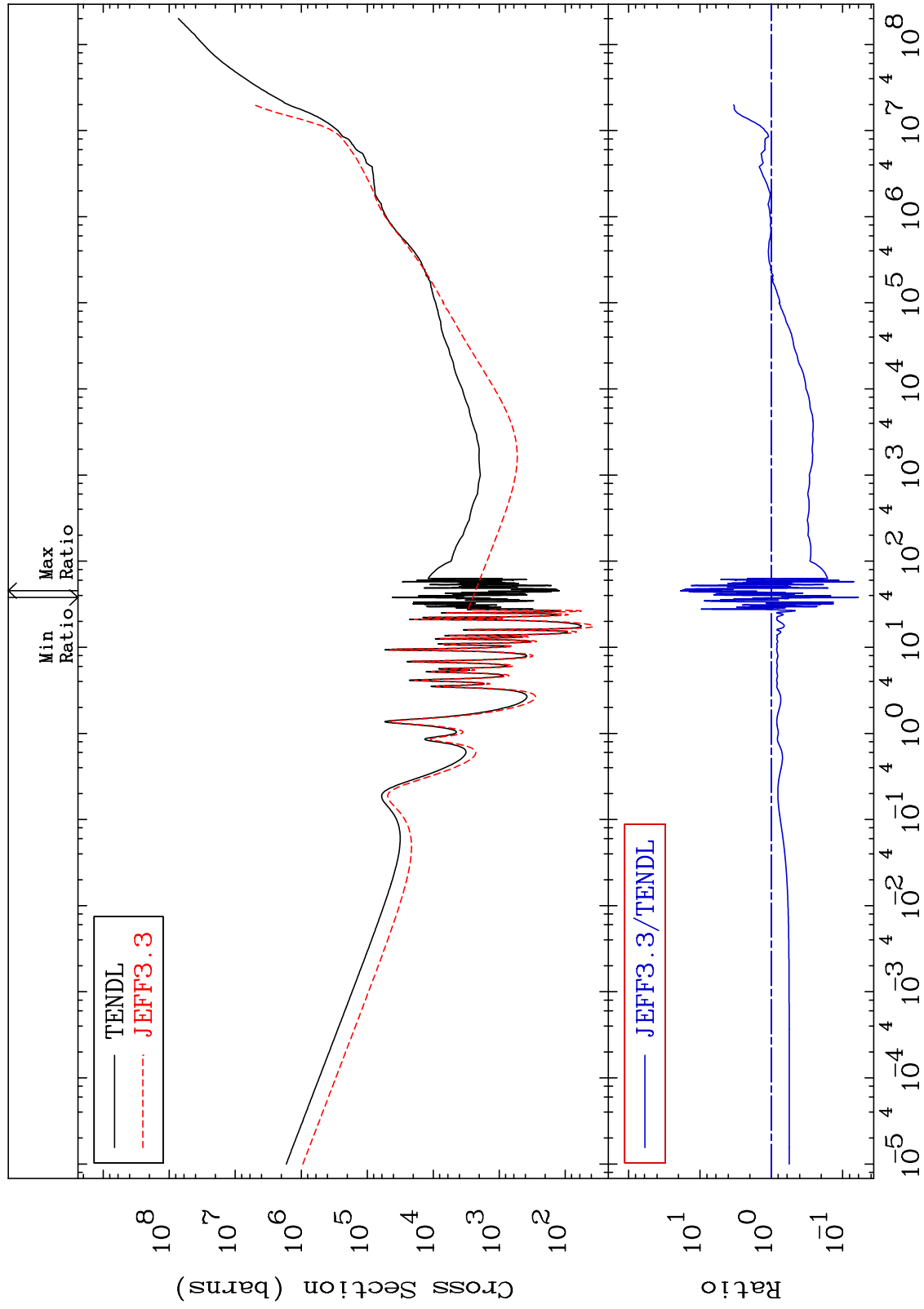




MAT 6334

Total kinematic kerma (high limit)  
Cross Section

63-Eu-154  
-94.01 To 1776. %



32

Incident Energy (eV)

63-Eu-154

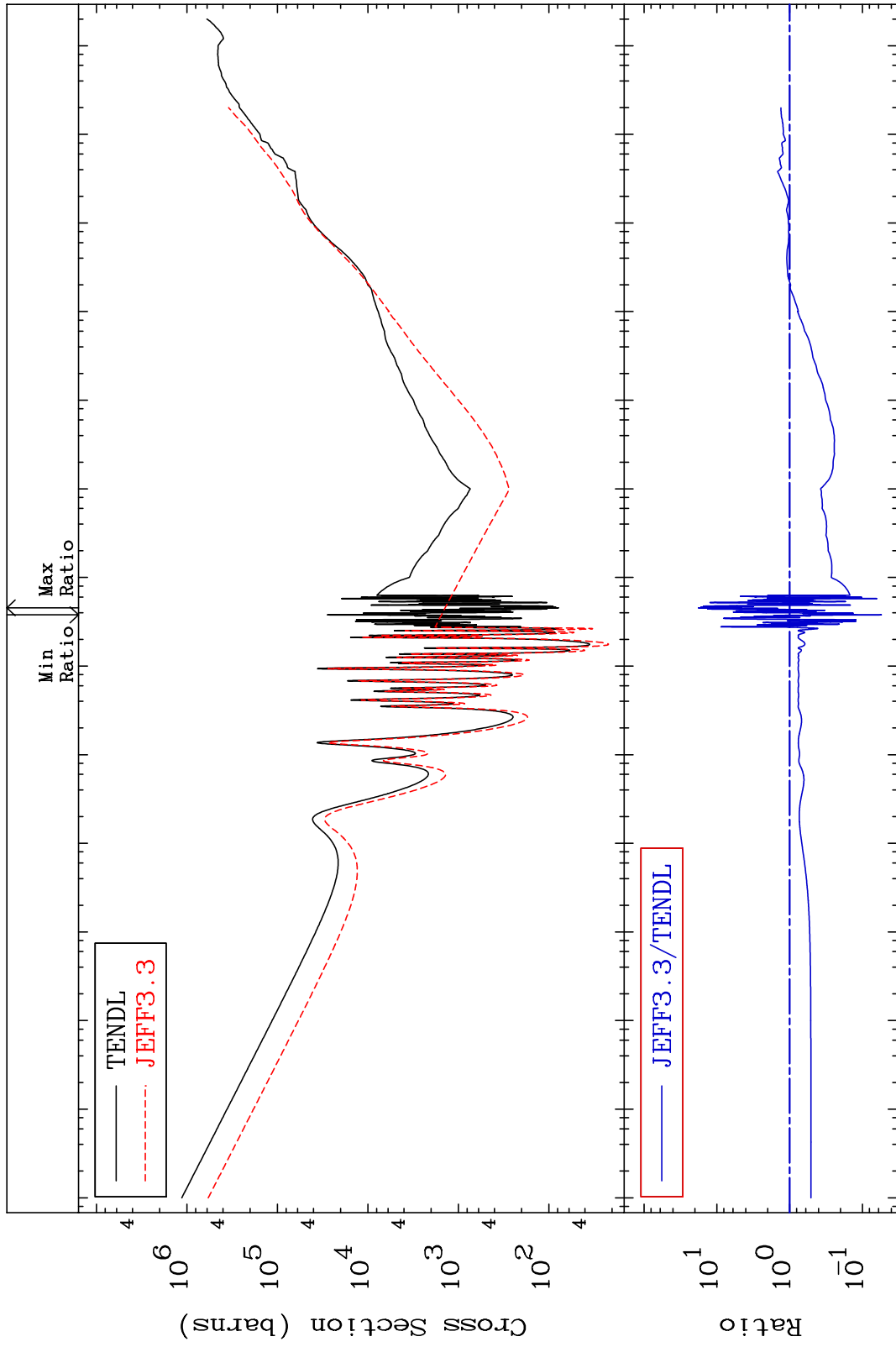
MAT 6334

Dpa total (eV-barns)

63-Eu-154

-94.55 To 1695. %

Cross Section



33

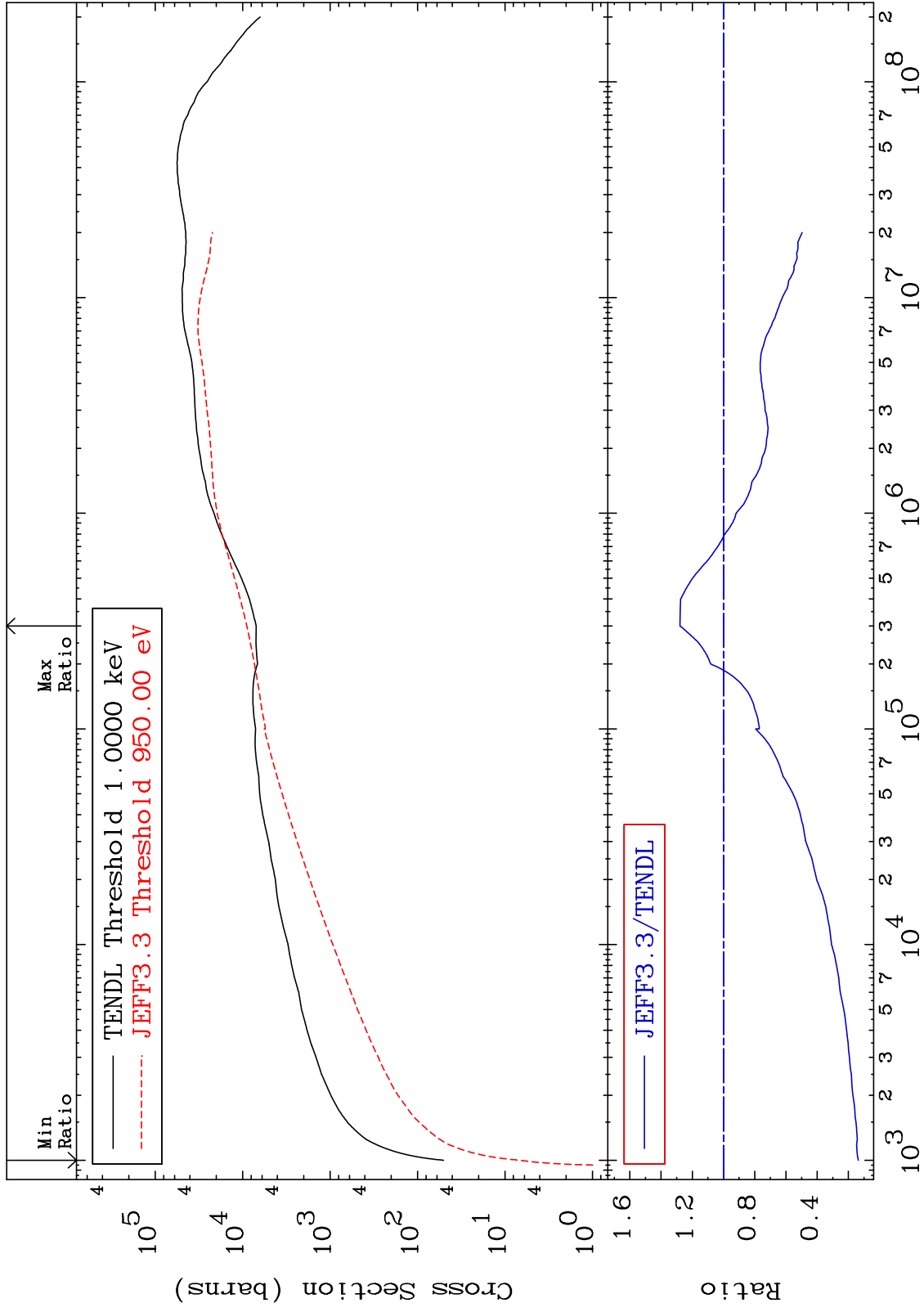
Incident Energy (eV)

63-Eu-154

MAT 6334

Dpa elastic (mt2)  
Cross Section

63-Eu-154  
-86.41 To 27.85 %



34

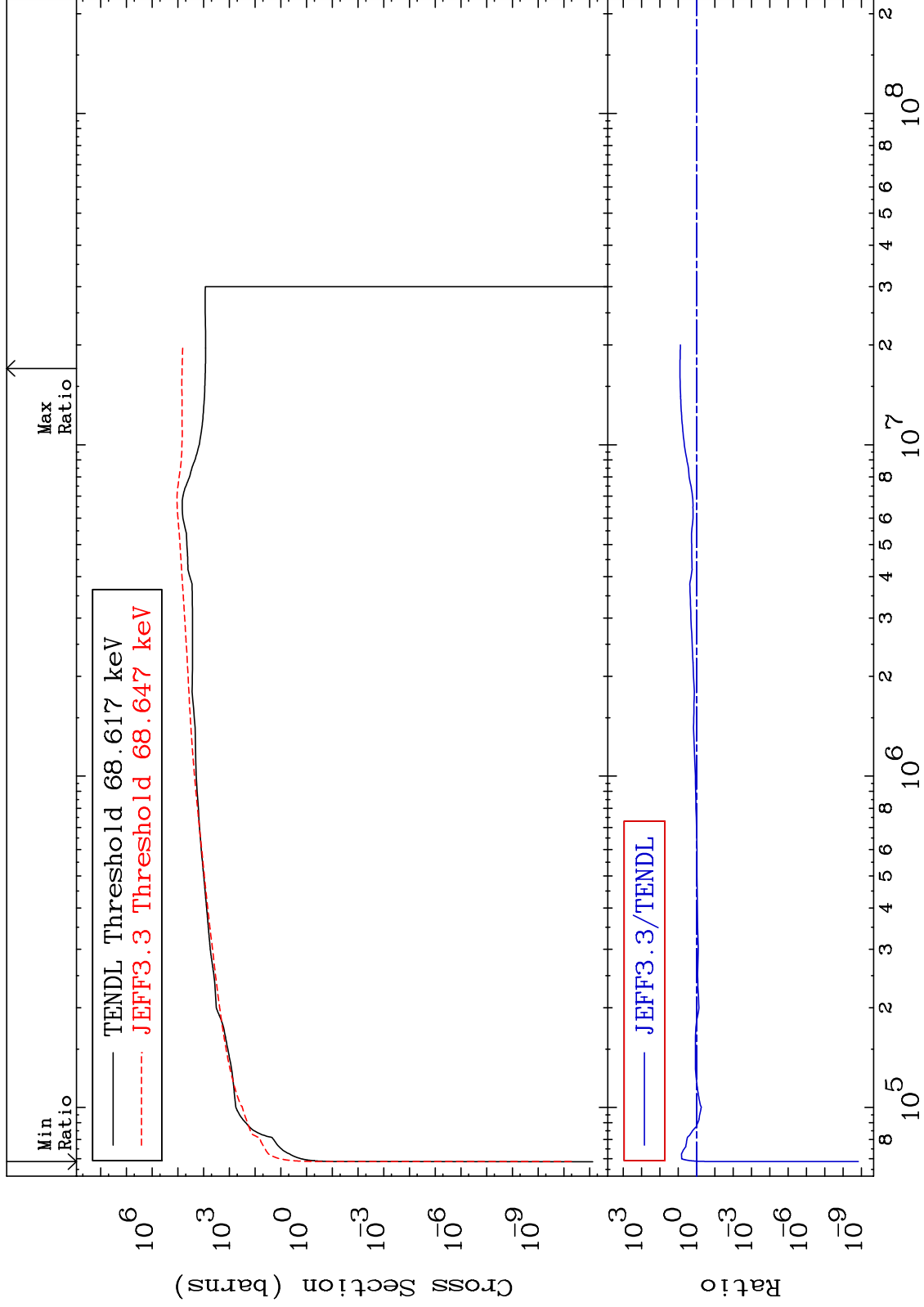
Incident Energy (eV)

63-Eu-154

MAT 6334

Dpa inelastic (mt51-91)  
Cross Section

63-Eu-154  
-100.0 To 701.1 %



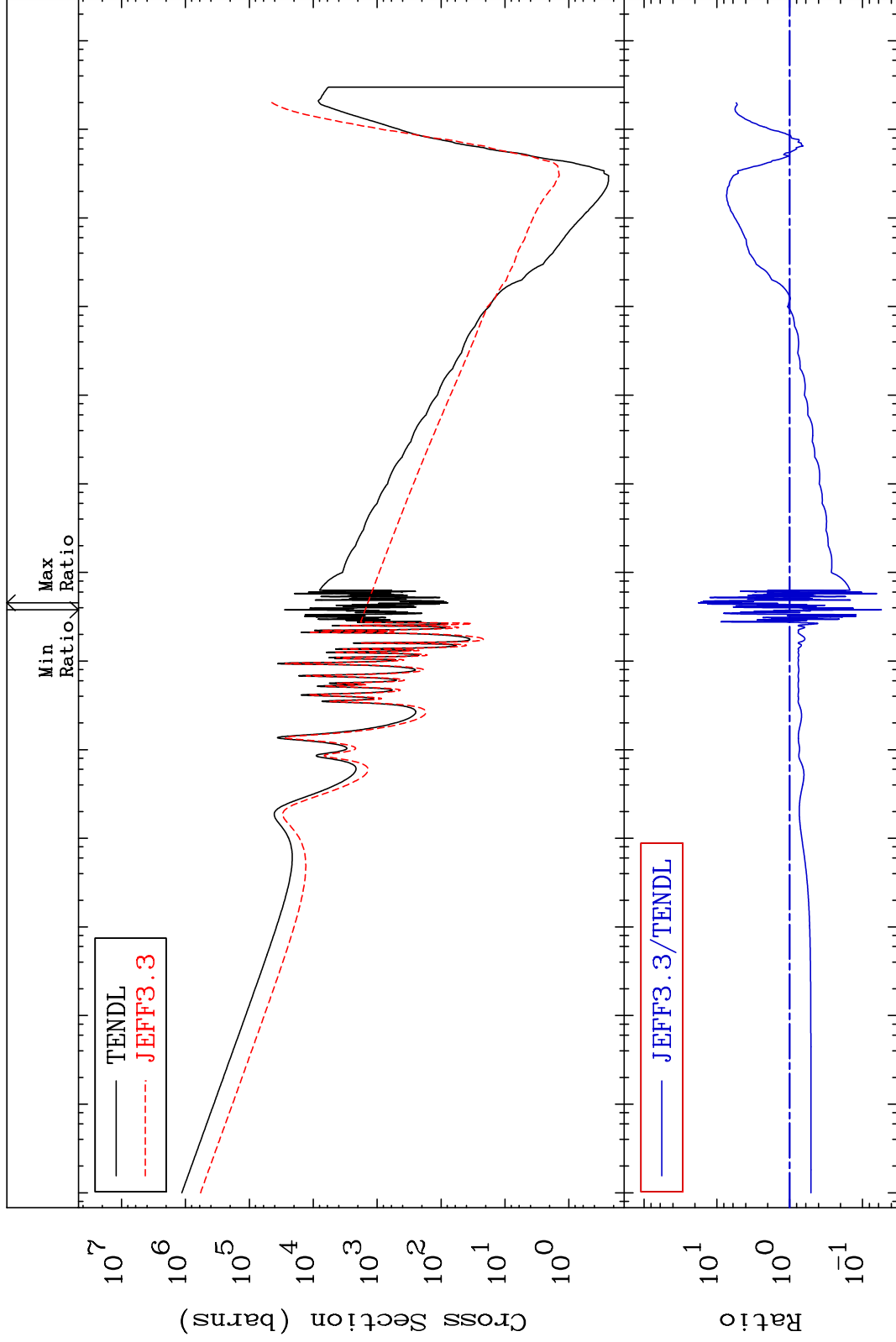
MAT 6334

Dpa disappearance (mt102 -120)

63-Eu-154

-94.55 To 1695. %

Cross Section



36

Incident Energy (eV)

63-Eu-154