

Program Complot  
(Version 2018-1)

by

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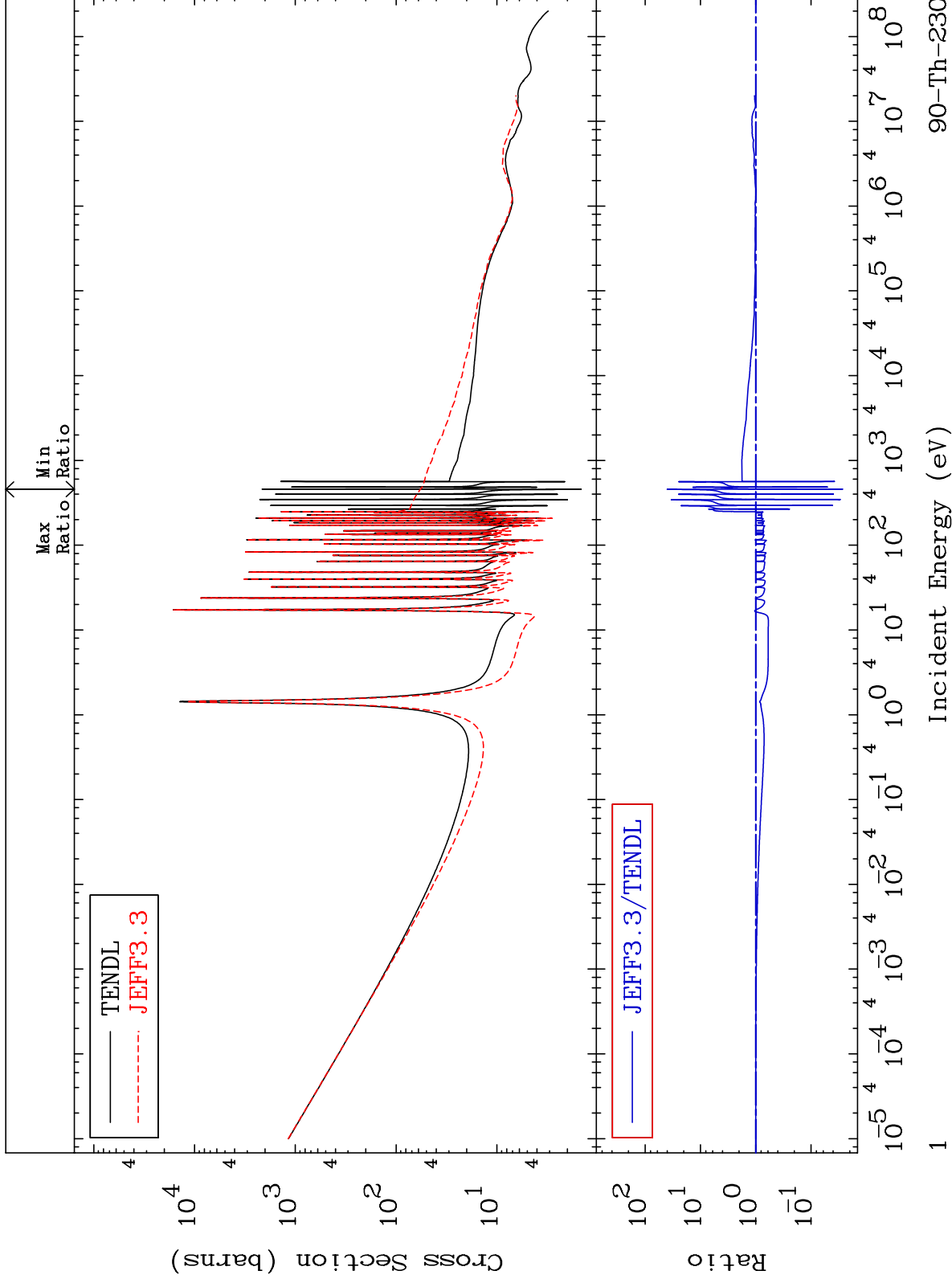
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 9034

Total  
Cross Section

90-Th-230  
-97.31 To 3879. %



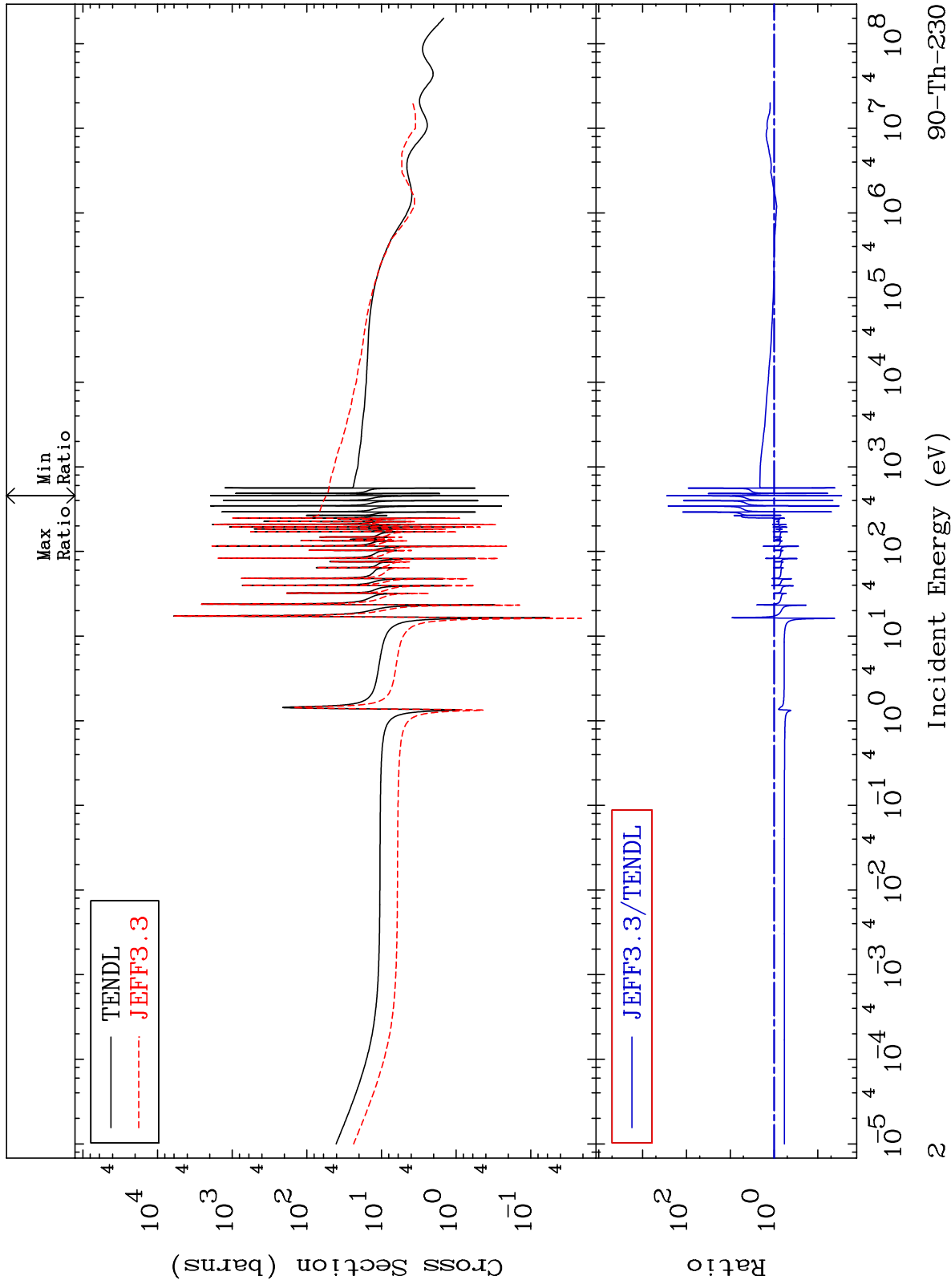
90-Th-230

MAT 9034

Elastic

90-Th-230

Cross Section -97.15 To 9999. %



90-Th-230

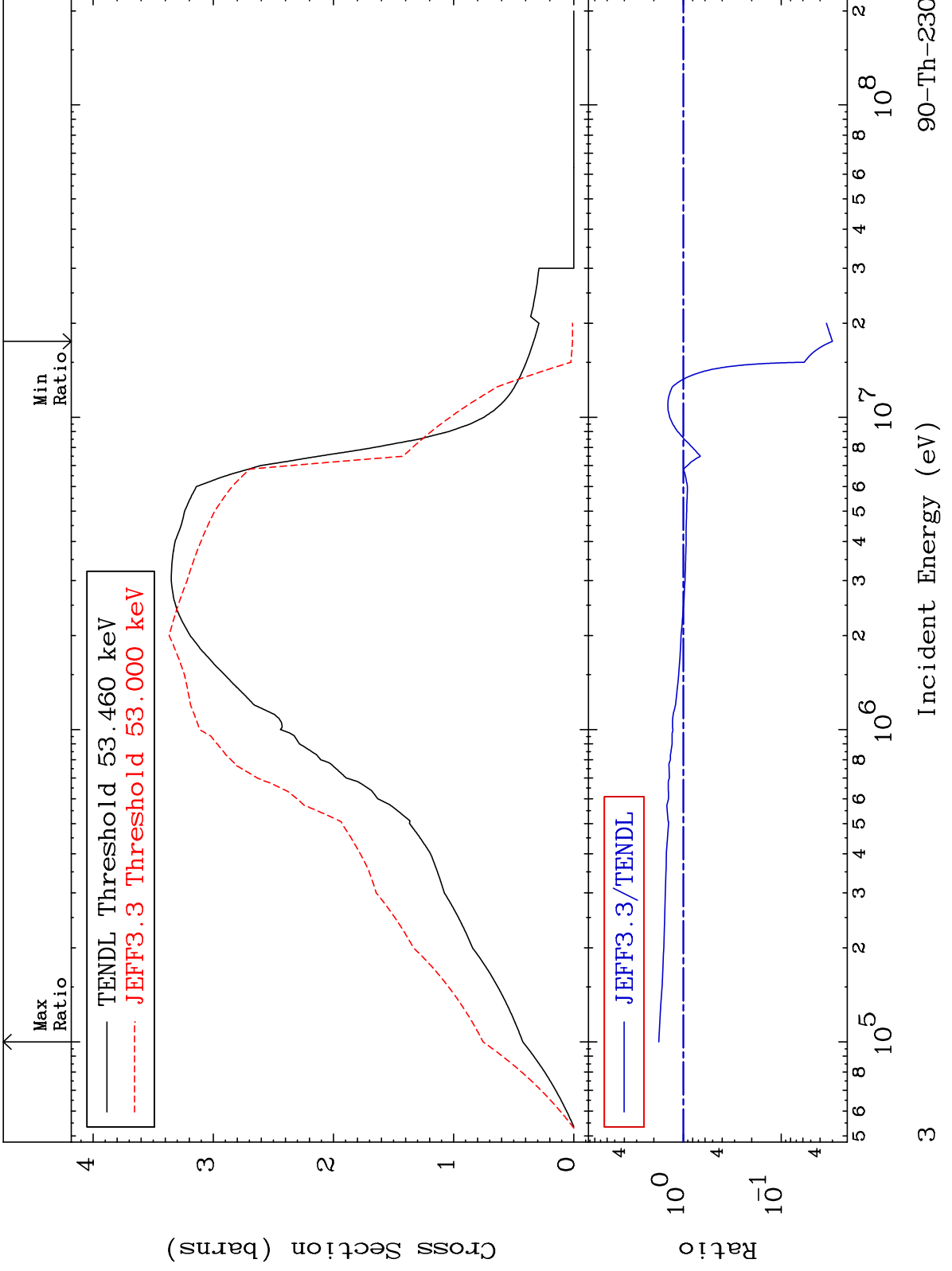
Incident Energy (eV)

2

MAT 9034

Inelastic  
Cross Section

90-Th-230  
-97.01 To 77.84 %



3

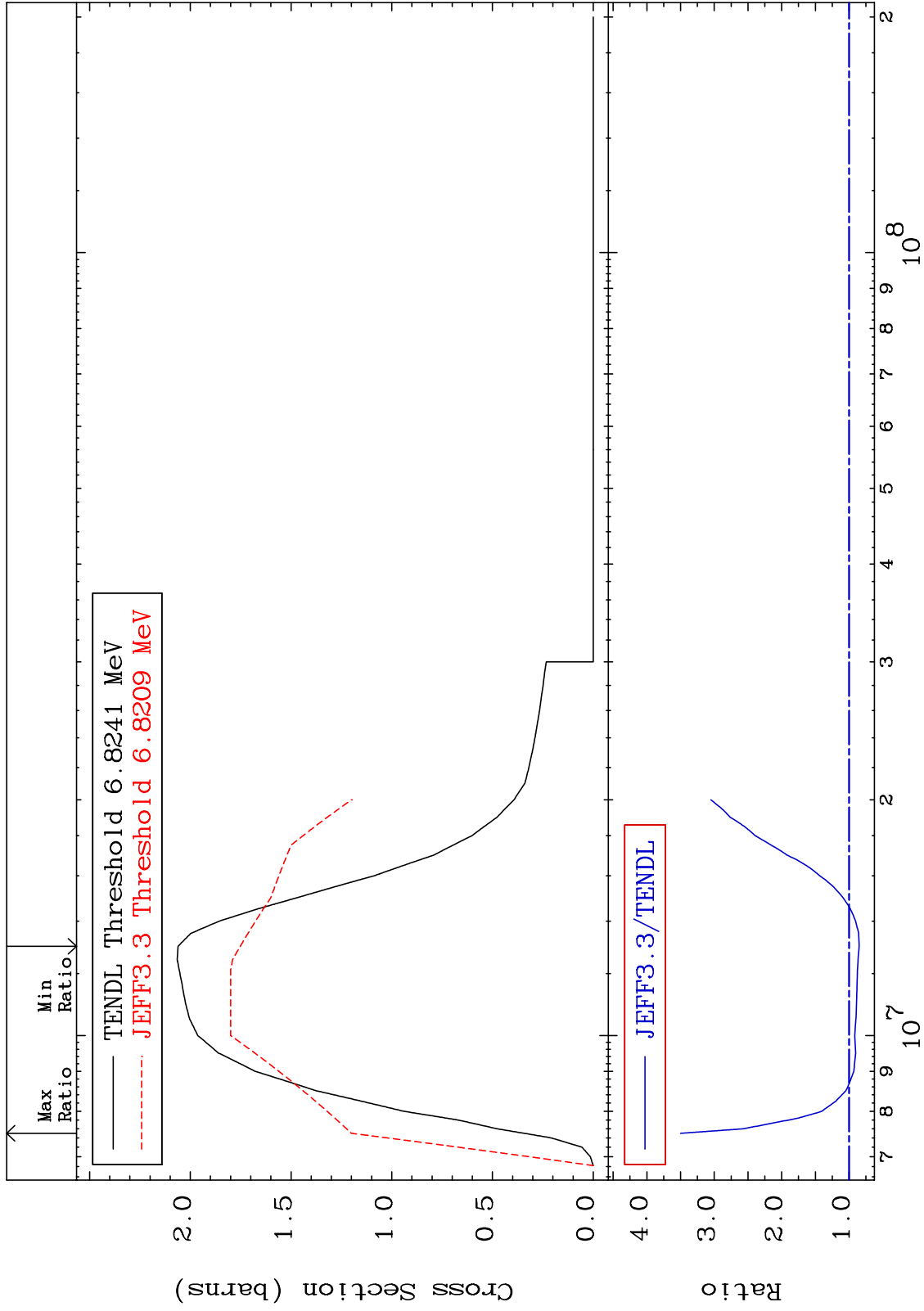
MAT 9034

(n, 2n)

90-Th-230

Cross Section

-14.98 To 249.9 %



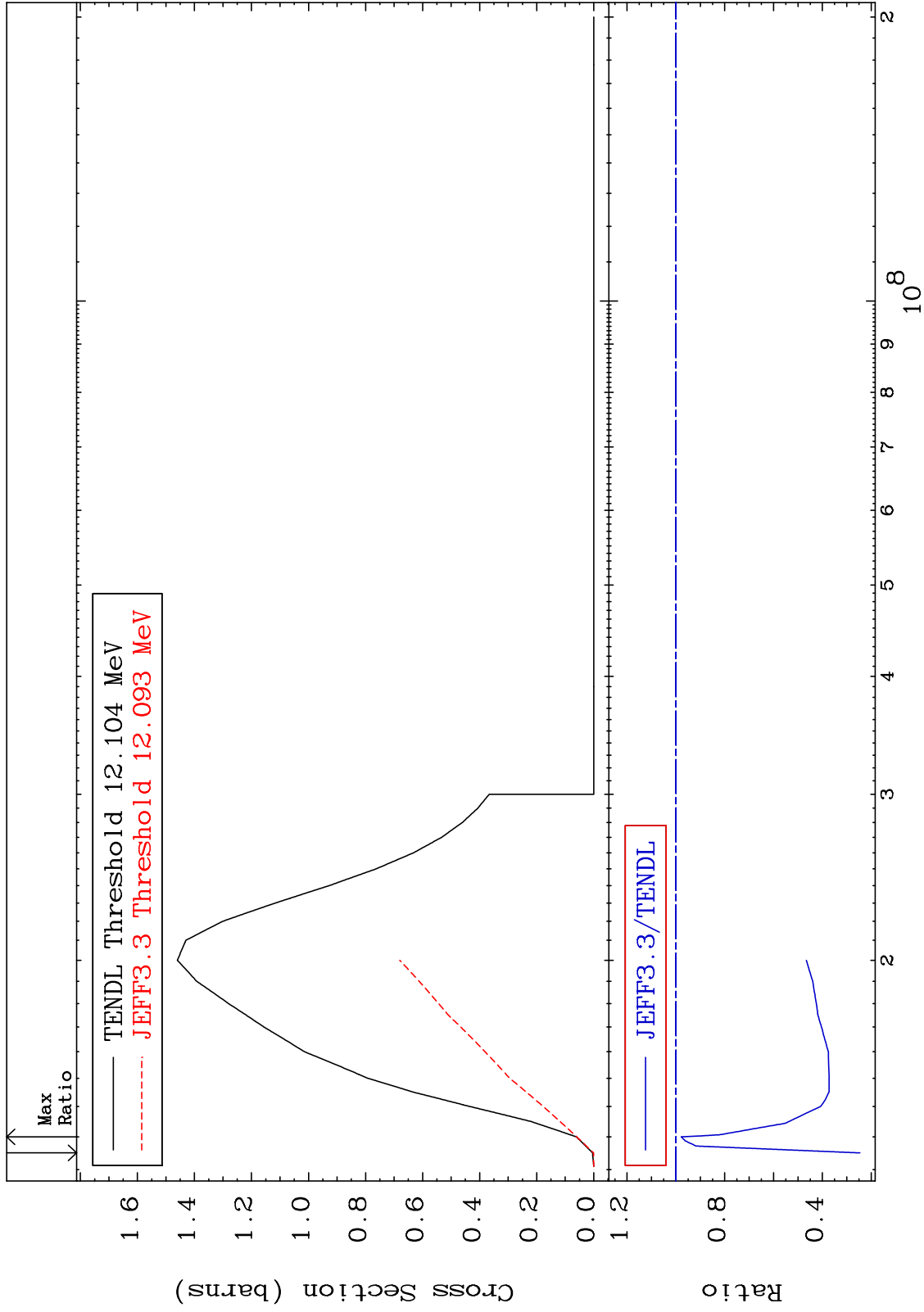
MAT 9034

(n, 3n)

90-Th-230

Cross Section

-75.38 To -2.181%

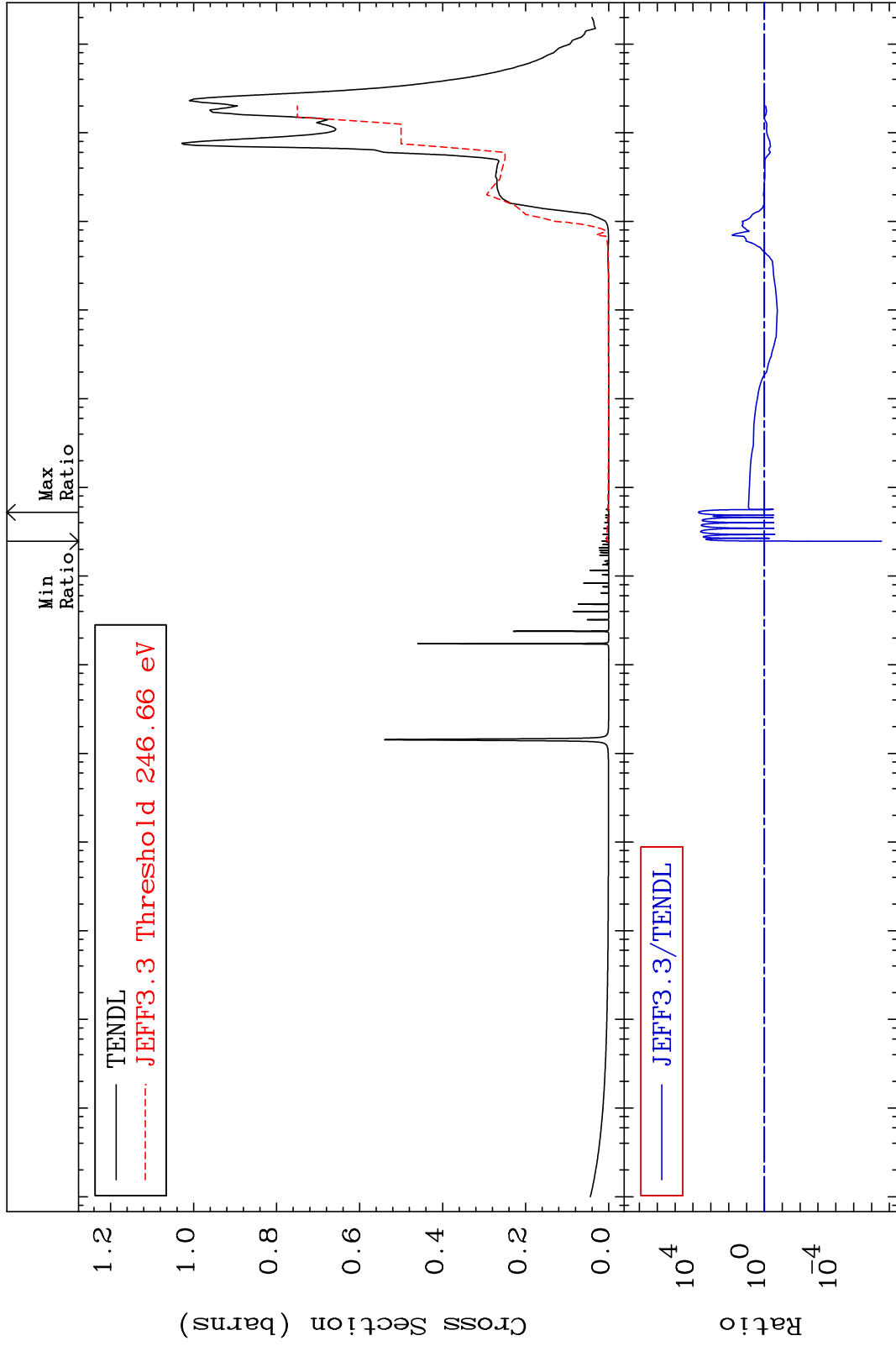


MAT 9034

Fission

90-Th-230

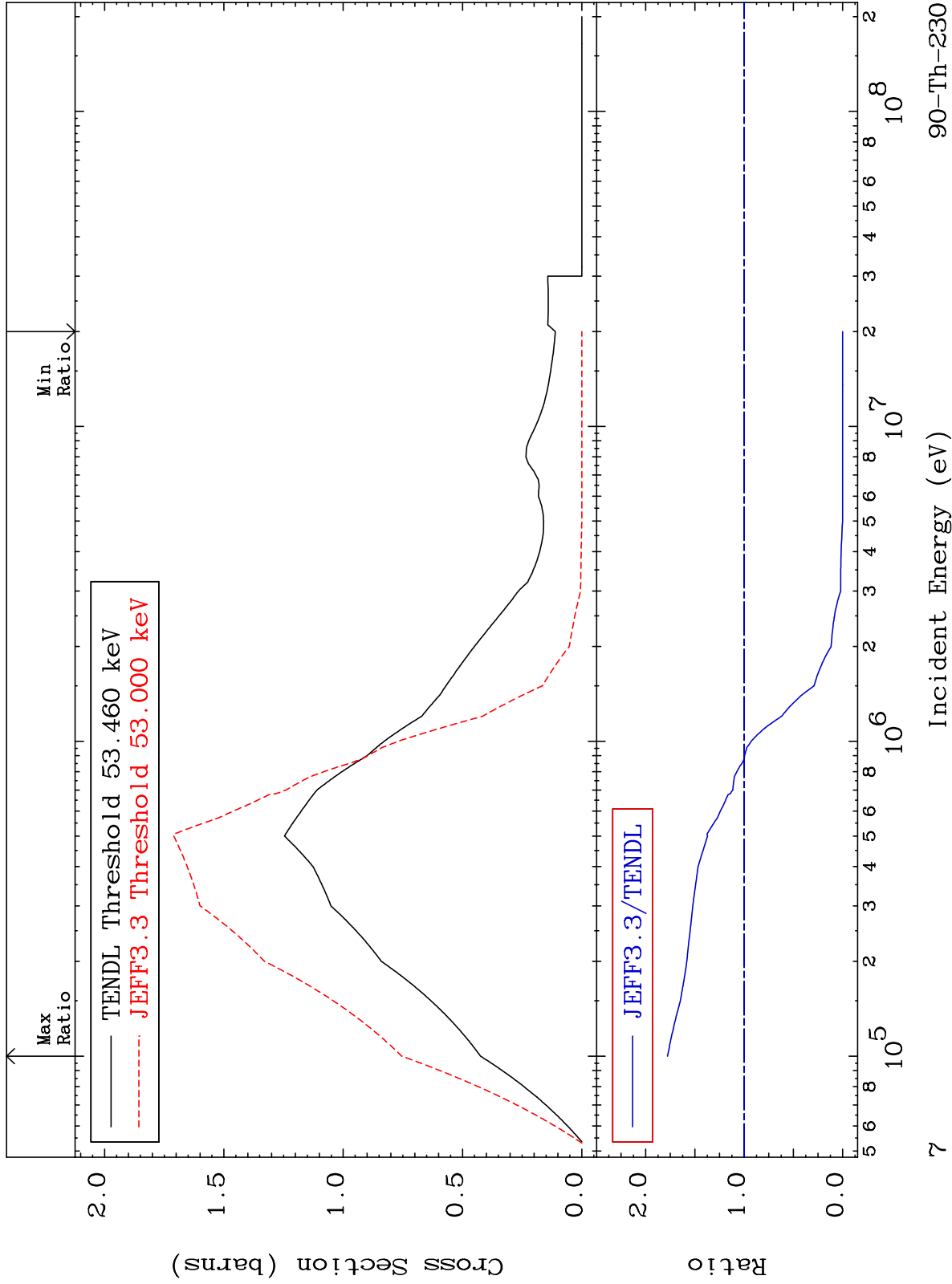
Cross Section -100.0 To 9999. %



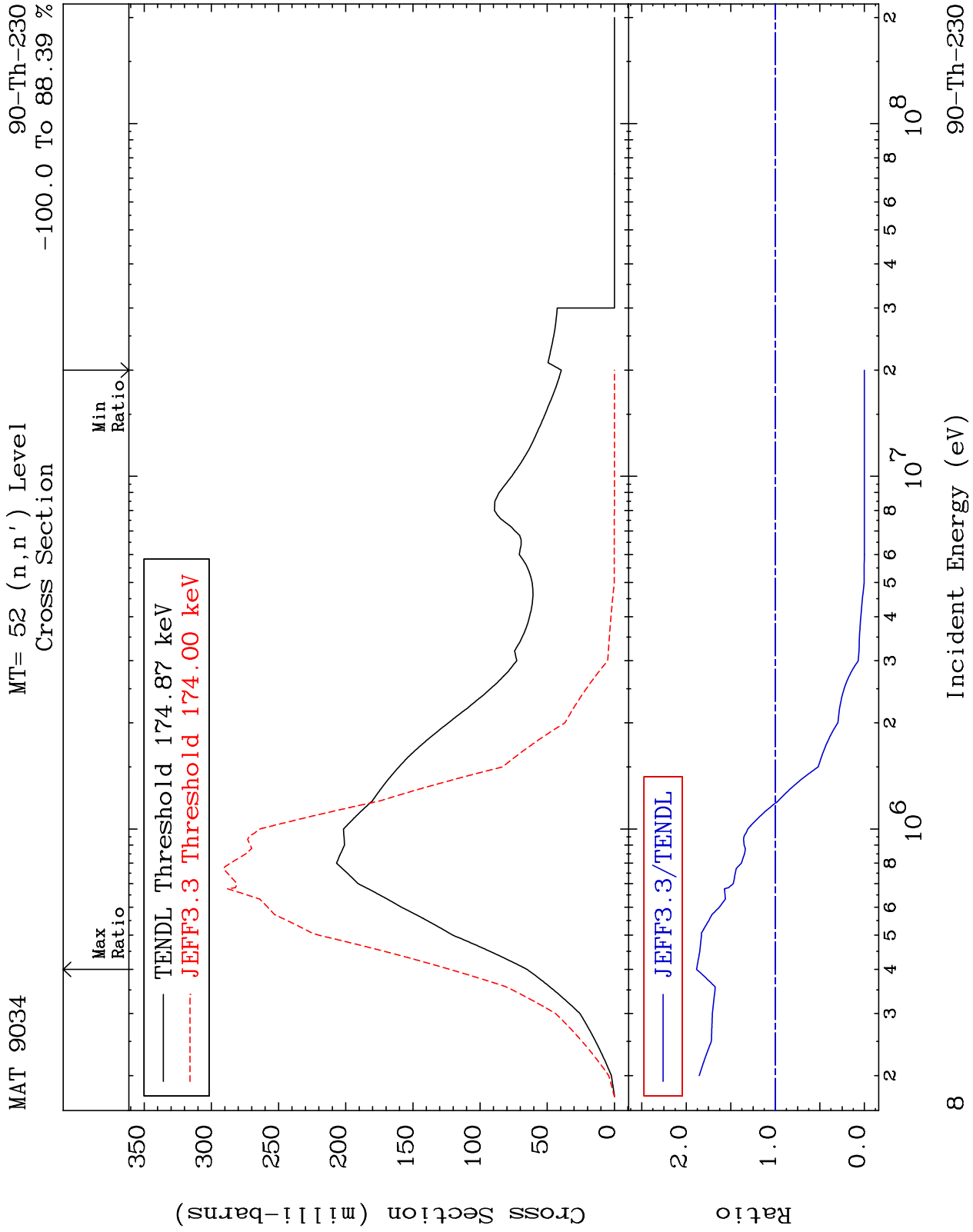
MAT 9034

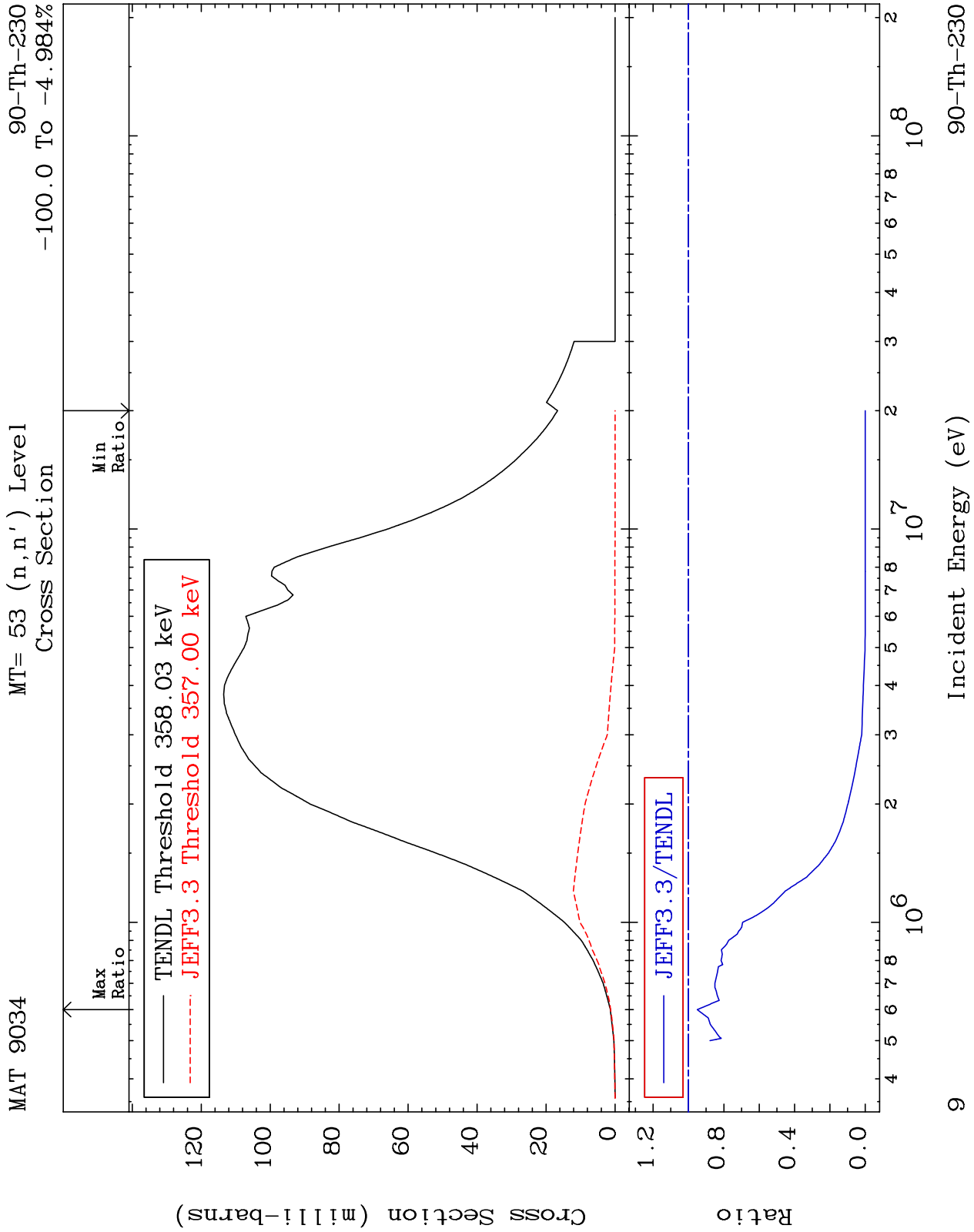
MT= 51 (n,n') Level  
Cross Section

90-Th-230  
-100.0 To 77.84 %





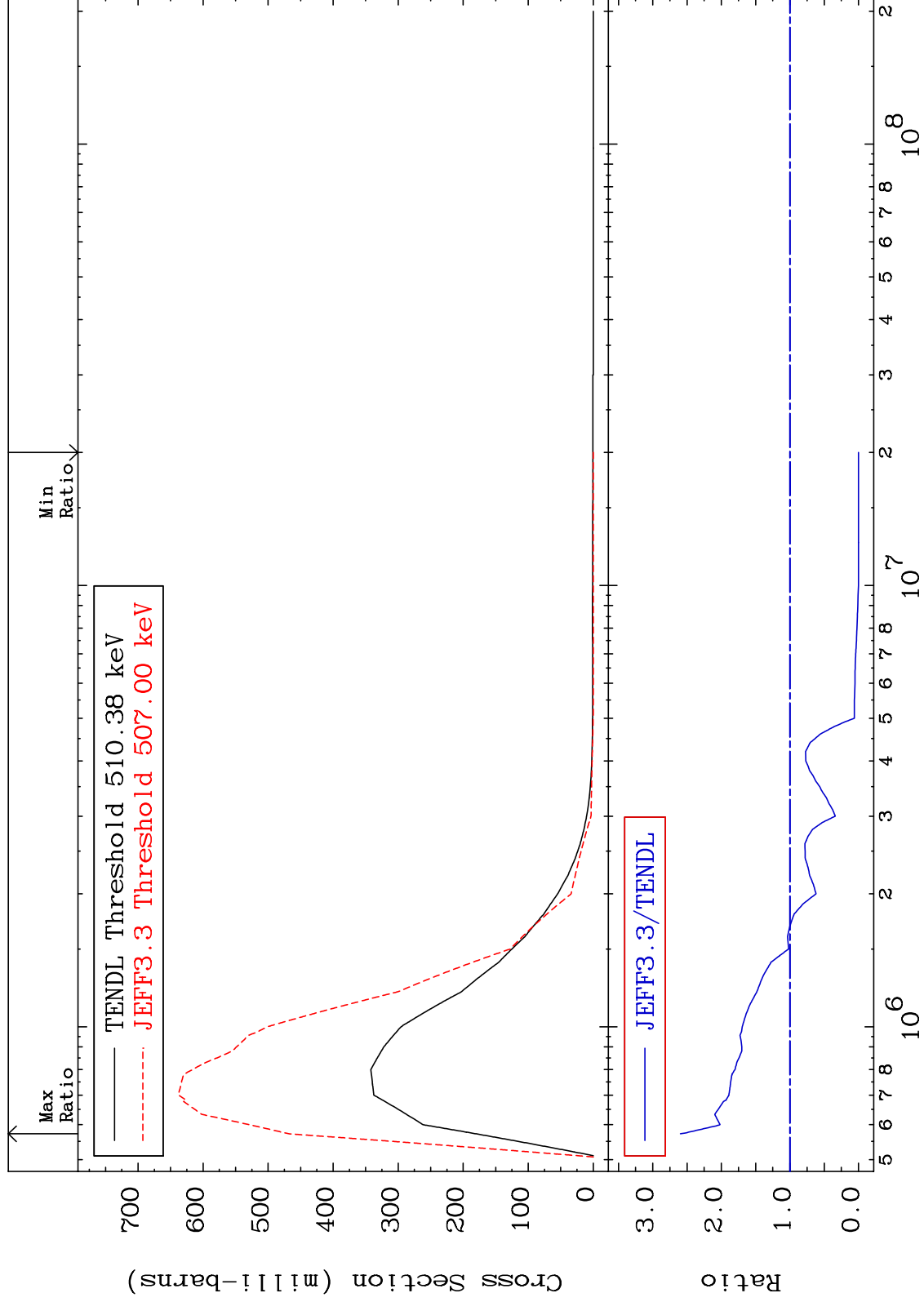




MAT 9034

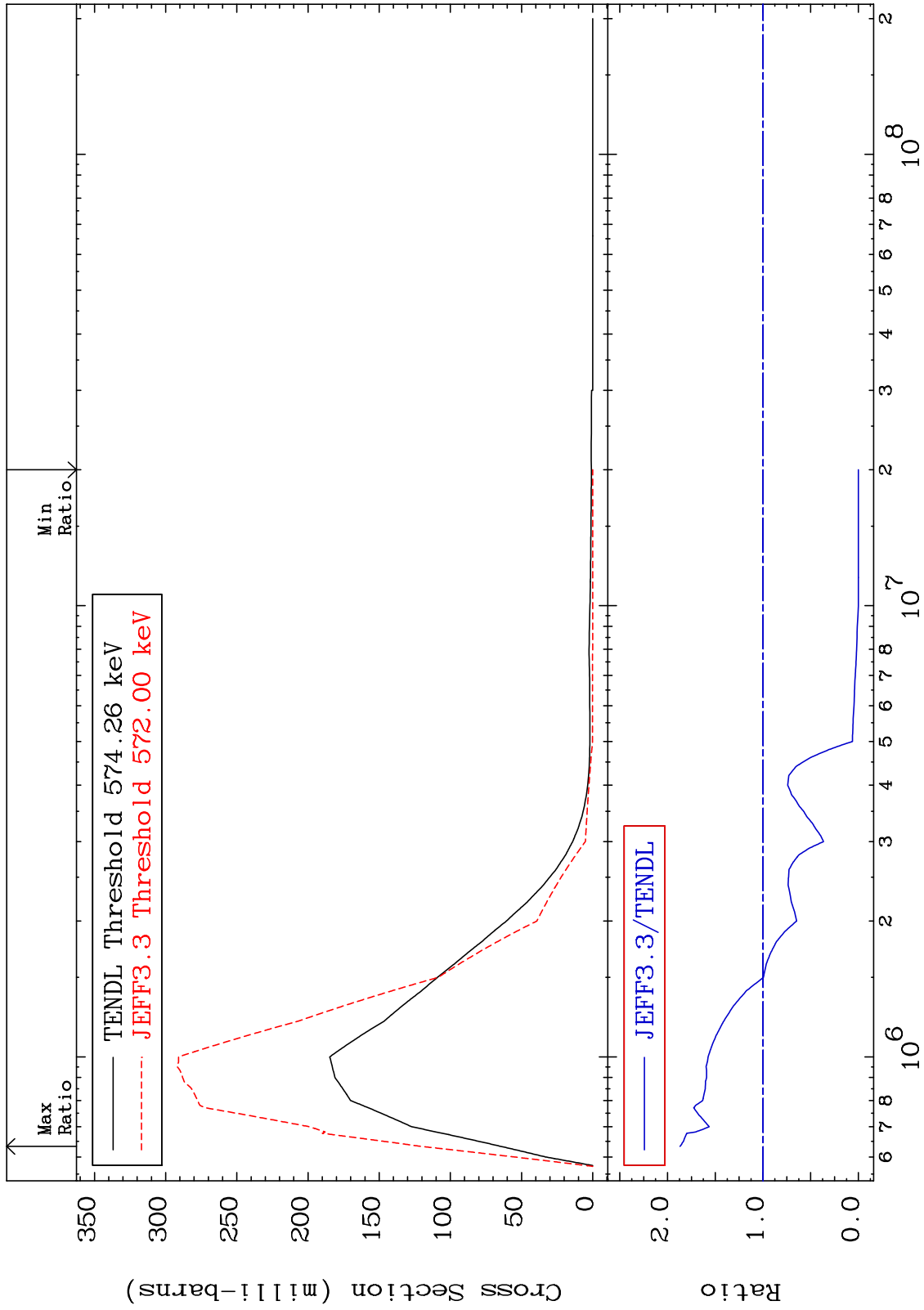
MT= 54 (n,n') Level  
Cross Section

90-Th-230  
-100.0 To 159.6 %



10 Incident Energy (eV) 90-Th-230

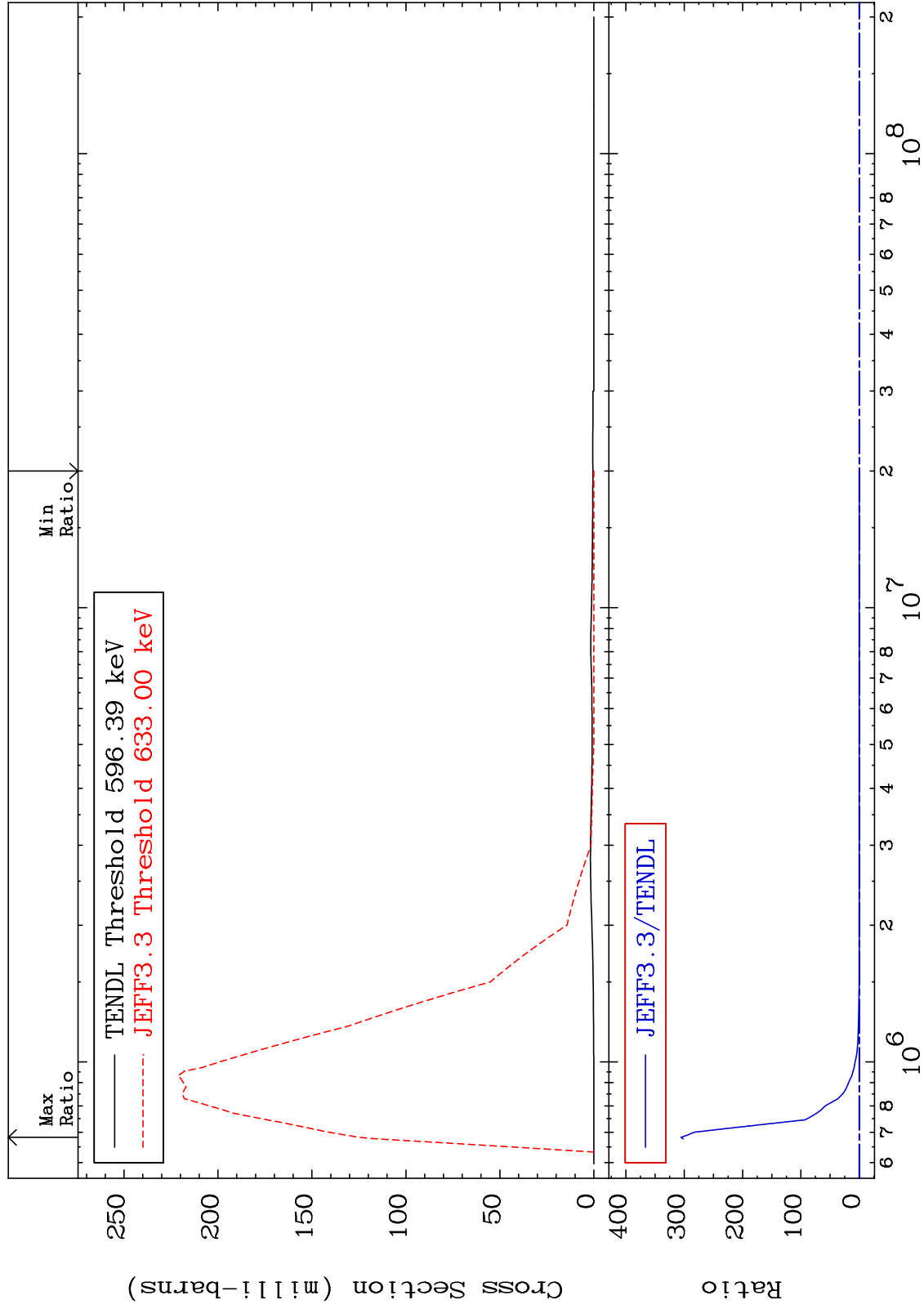
MAT 9034      MT= 55 (n,n') Level      90-Th-230  
 Cross Section      -100.0 To 86.94 %



MAT 9034

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

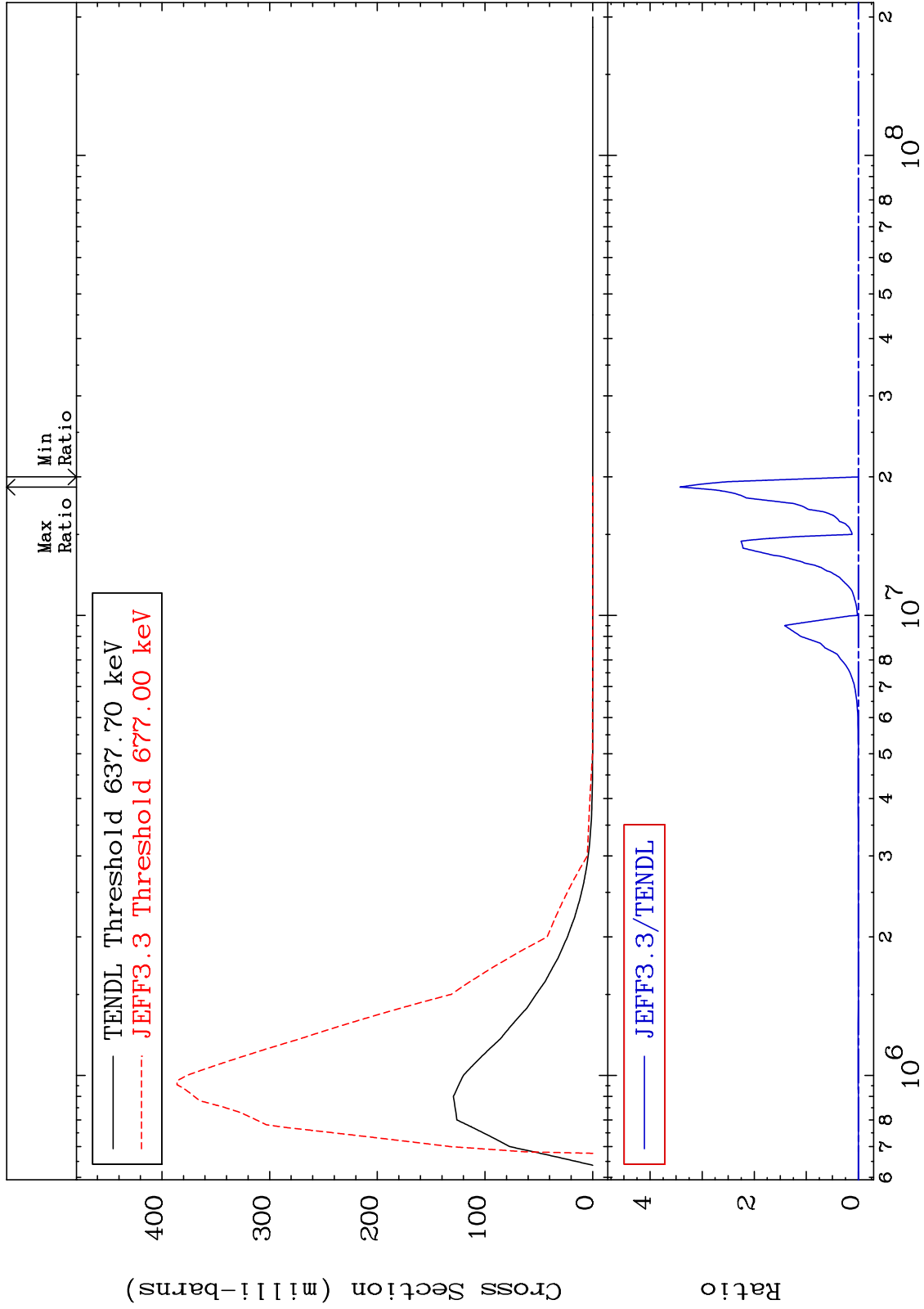
90-Th-230  
-100.0 To 9999. %



MAT 9034

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

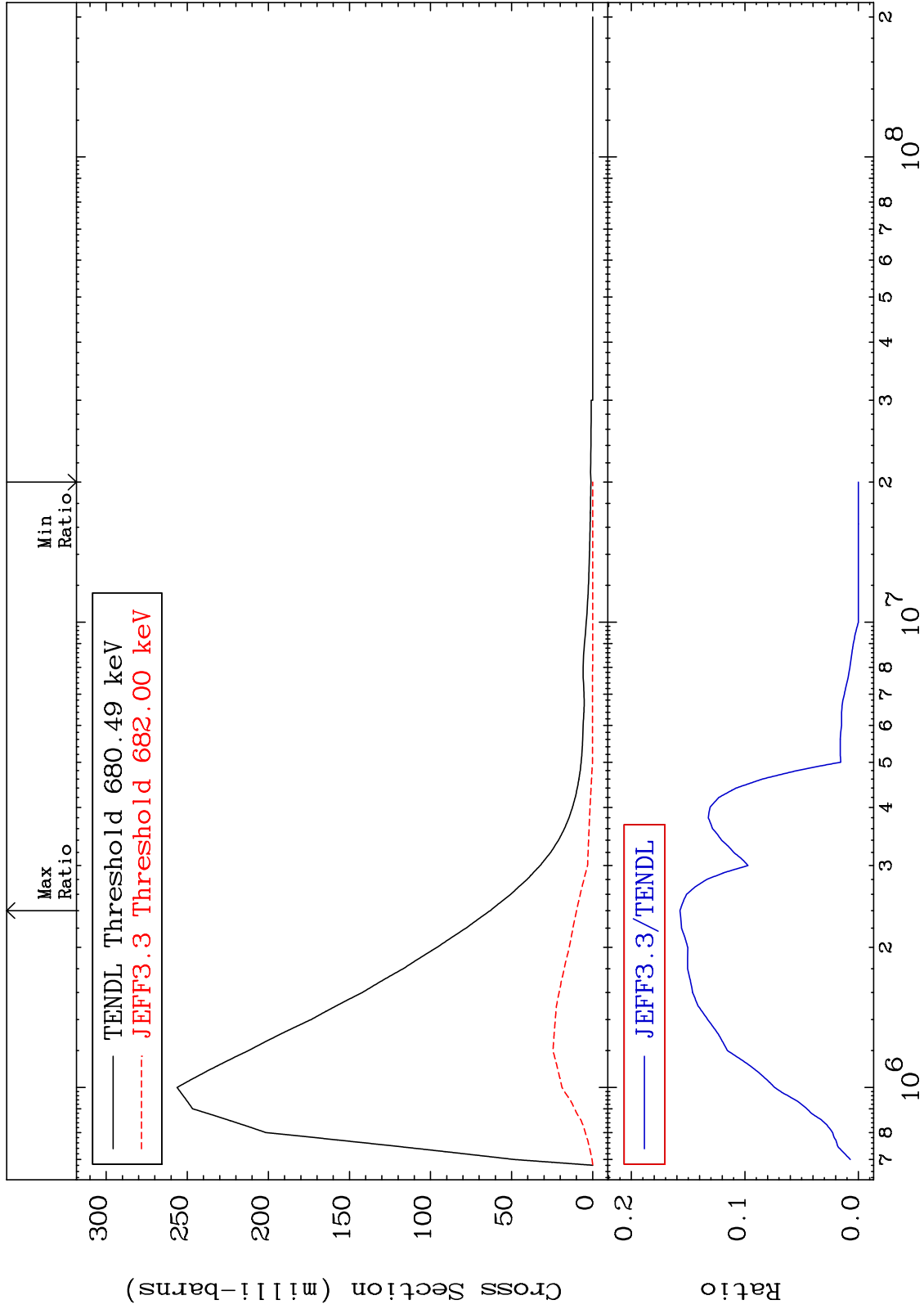
90-Th-230  
-100.0 To 9999. %



MAT 9034

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

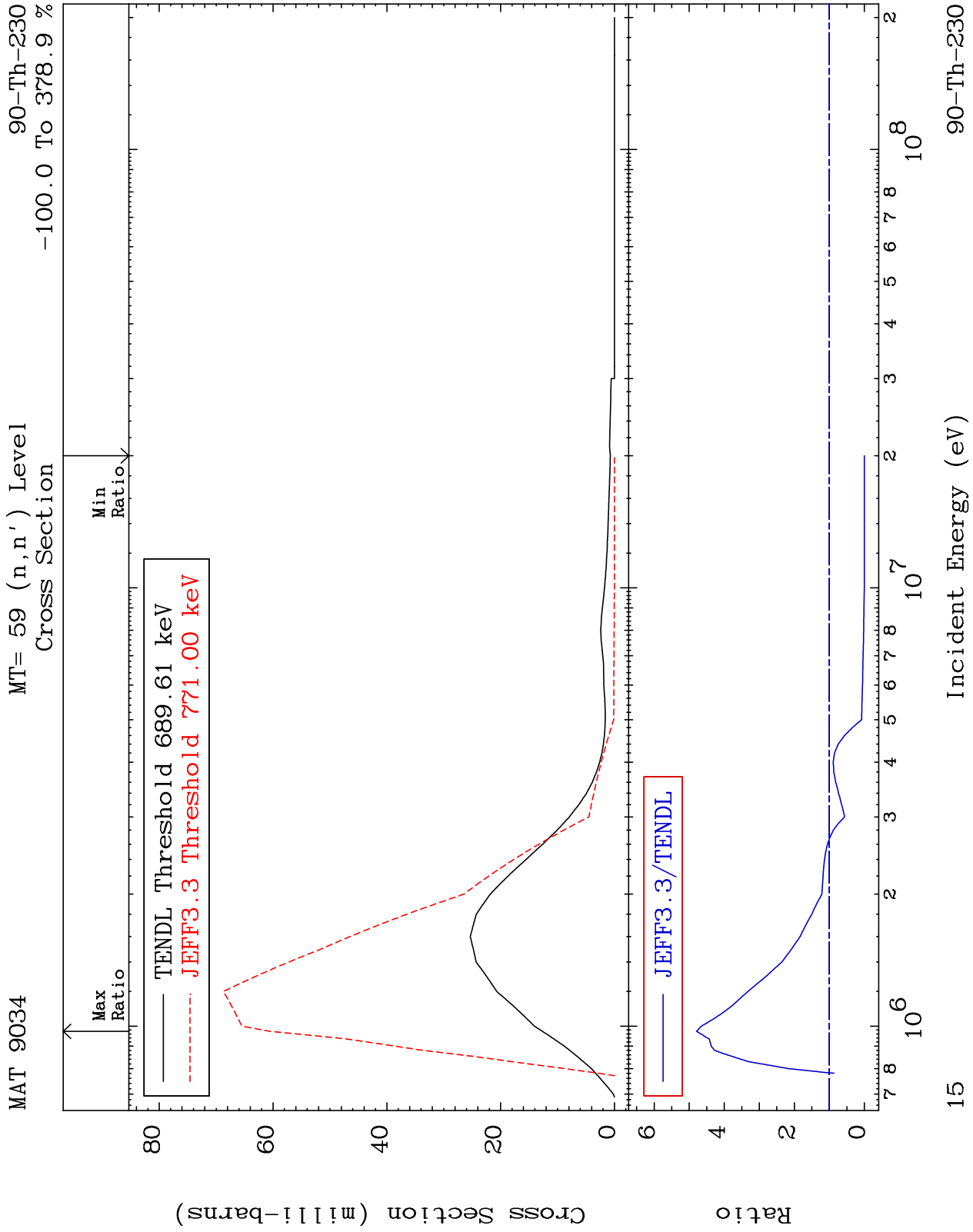
90-Th-230  
-100.0 To -84.28%



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Incident Energy (eV)

90-Th-230

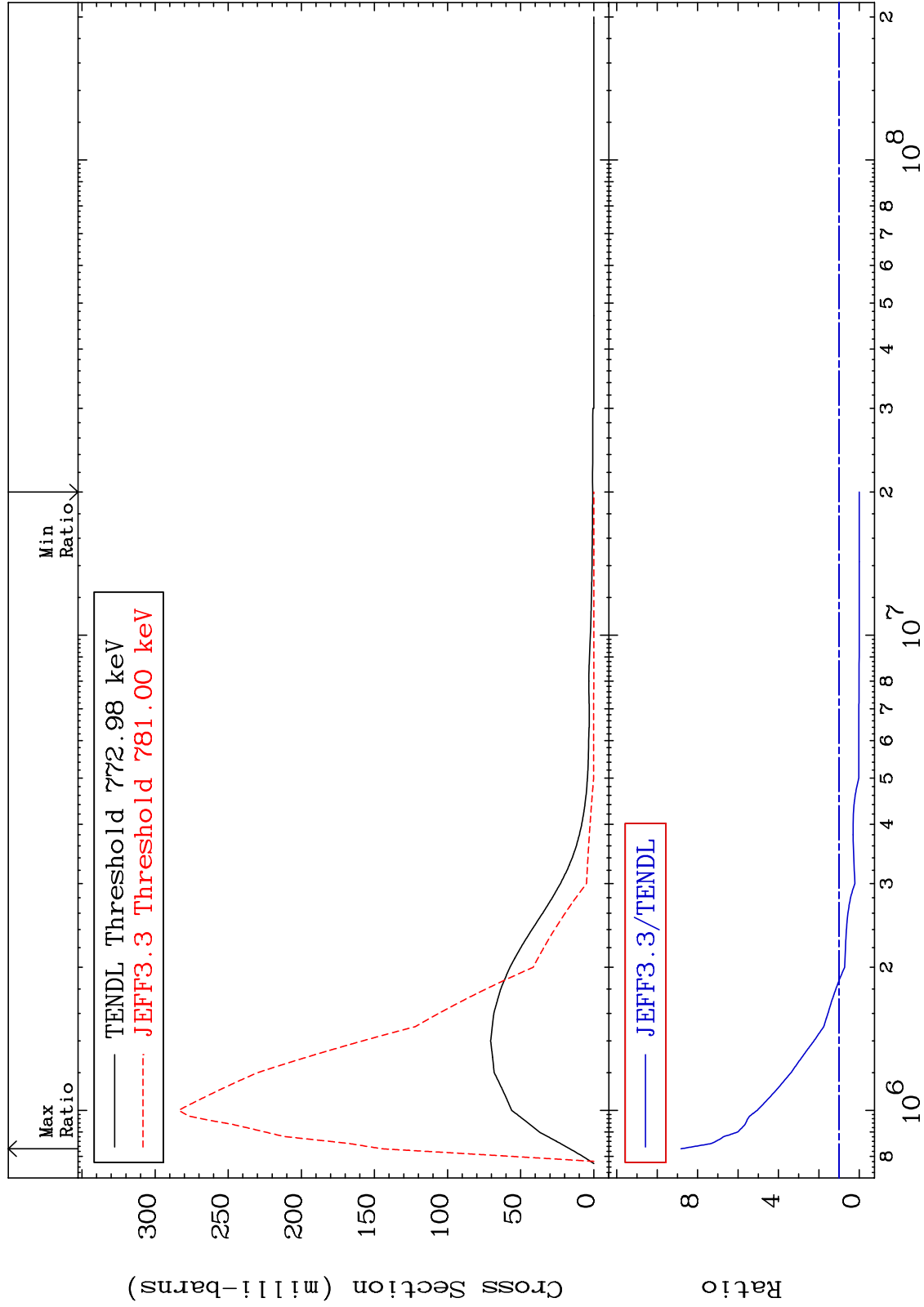




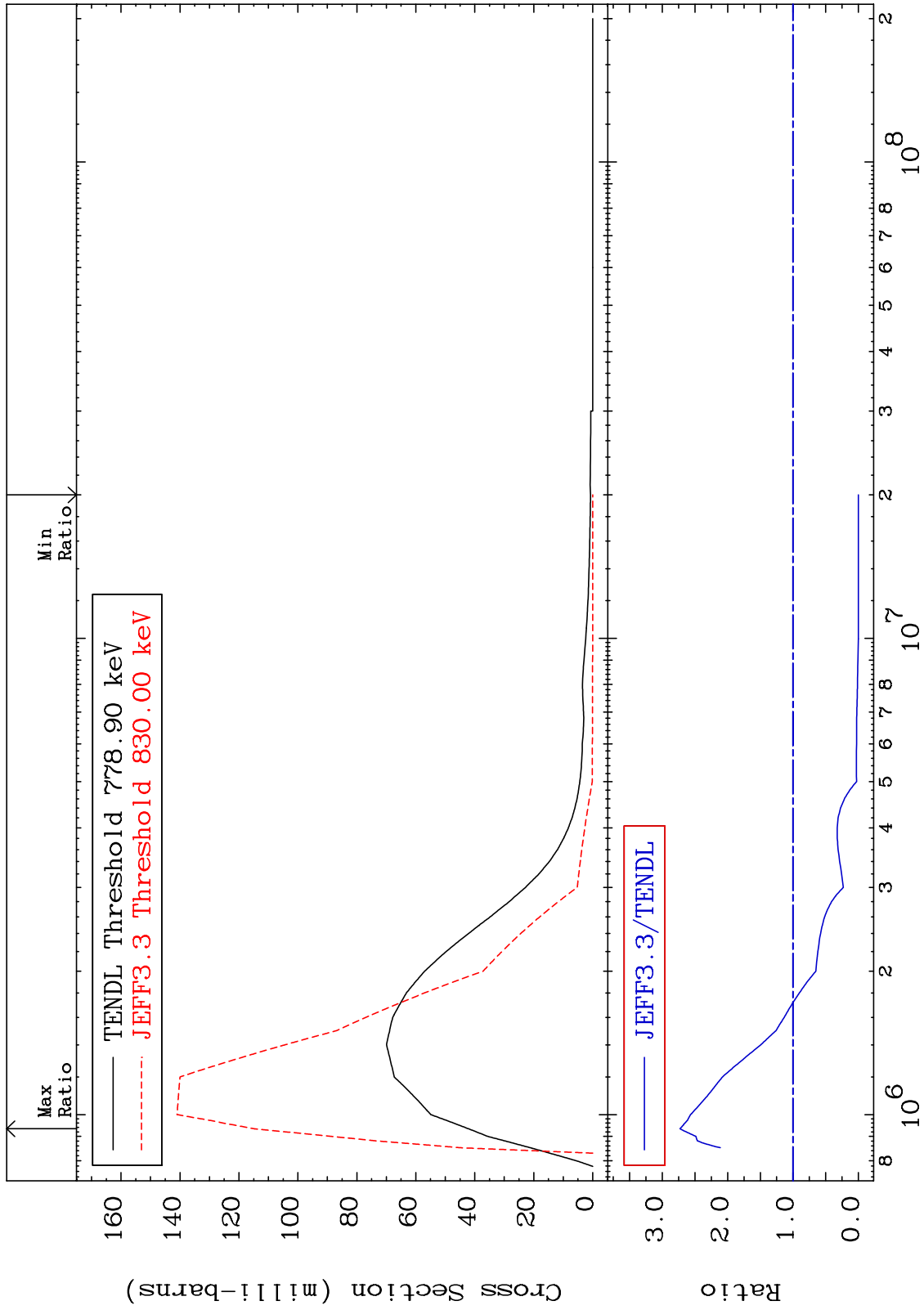
MAT 9034

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

90-Th-230  
-100.0 To 781.9 %



MAT 9034 MT= 61 (n,n') Level Cross Section -100.0 To 172.8 % 90-Th-230

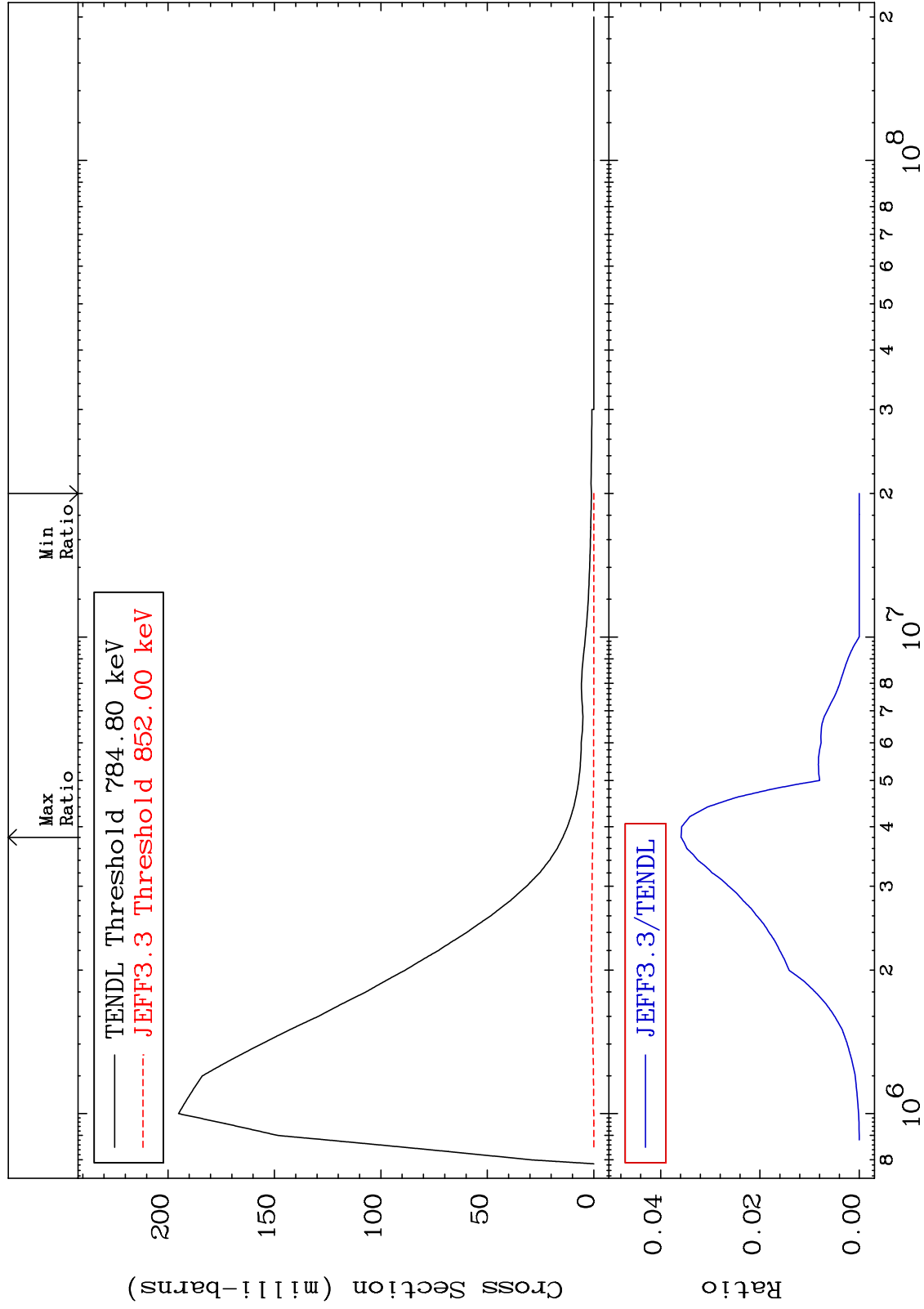


17 Incident Energy (eV) 90-Th-230

MAT 9034

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

90-Th-230  
-100.0 To -96.41%



18

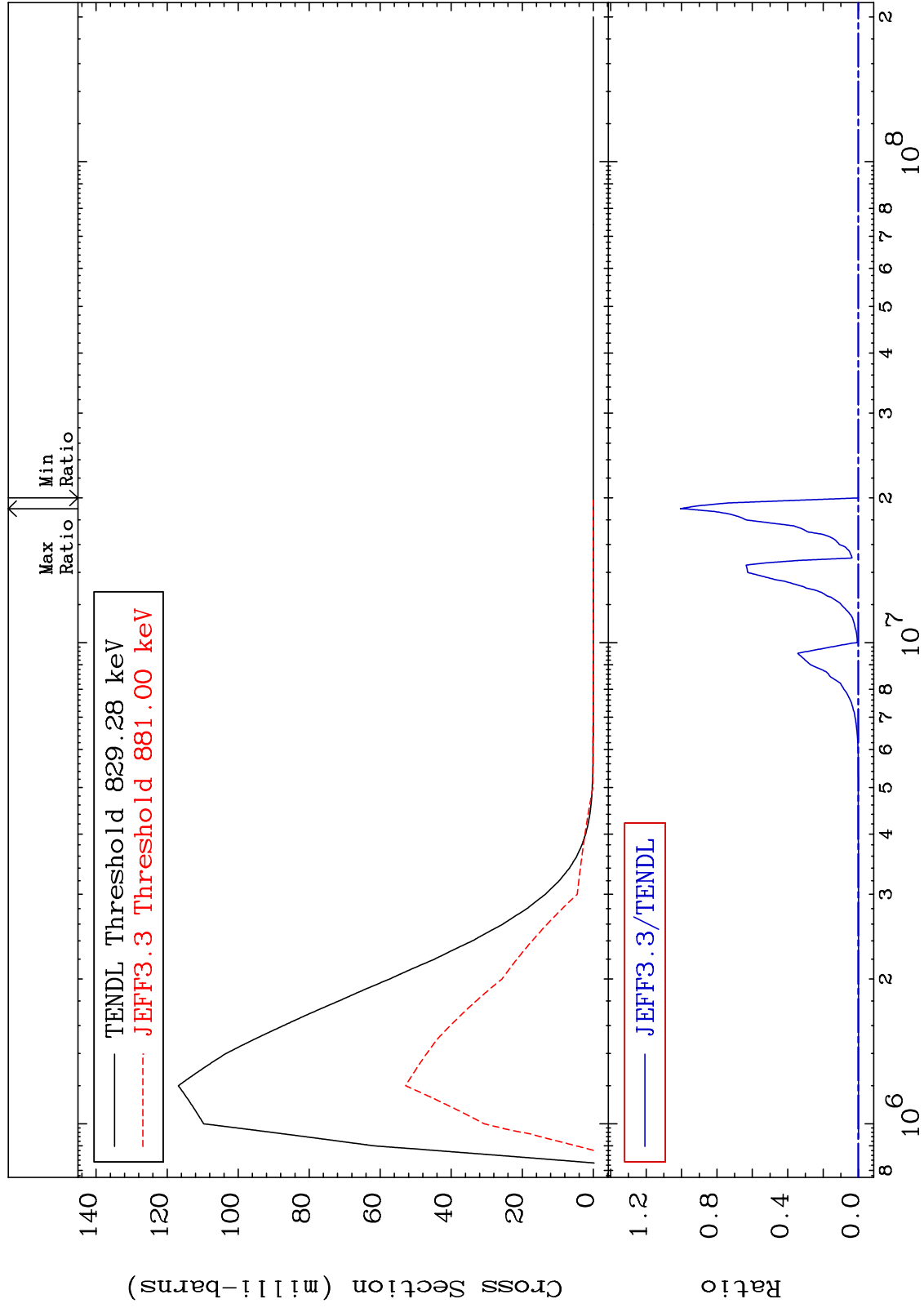
Incident Energy (eV)

90-Th-230

MAT 9034

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

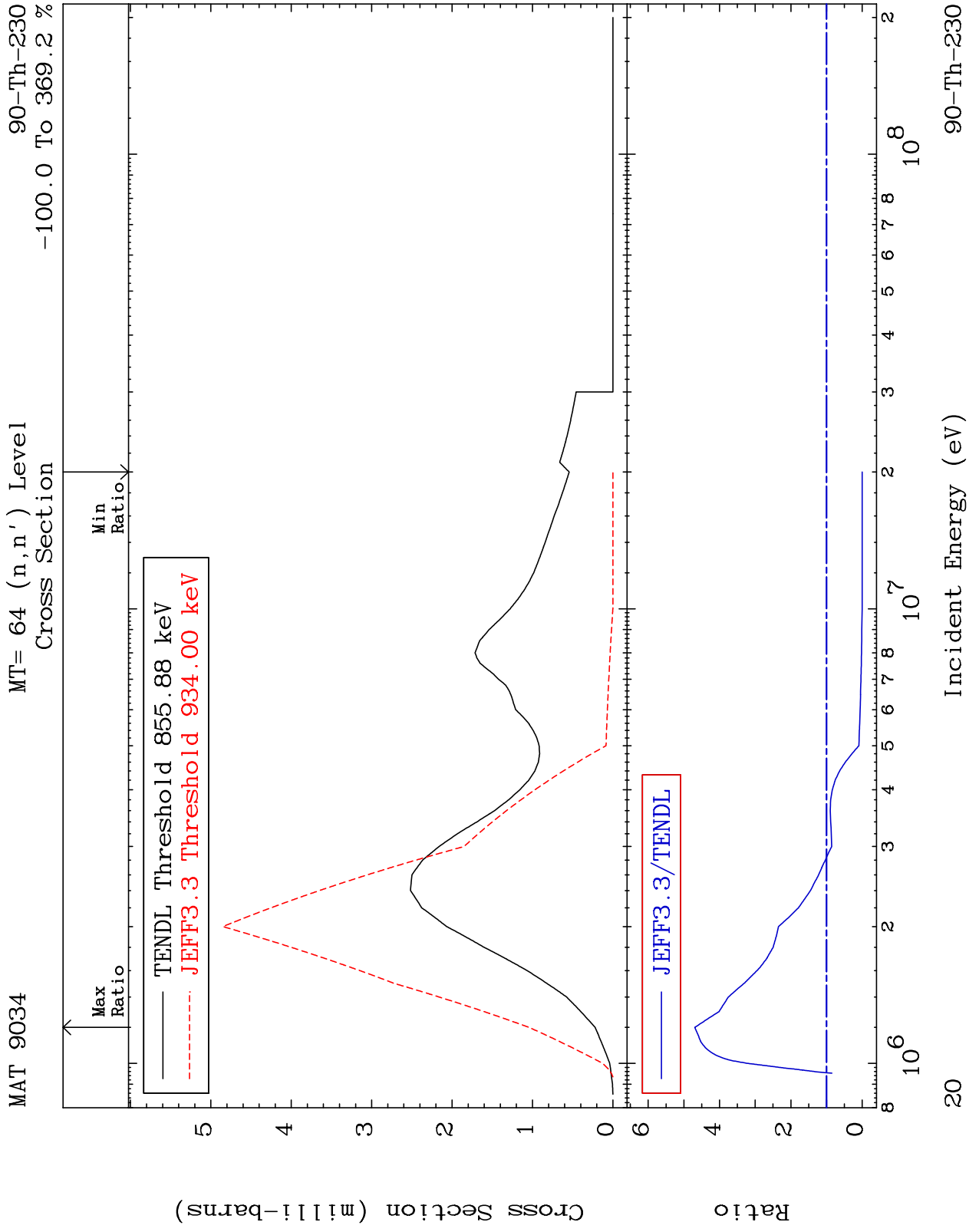
90-Th-230  
-100.0 To 9999. %



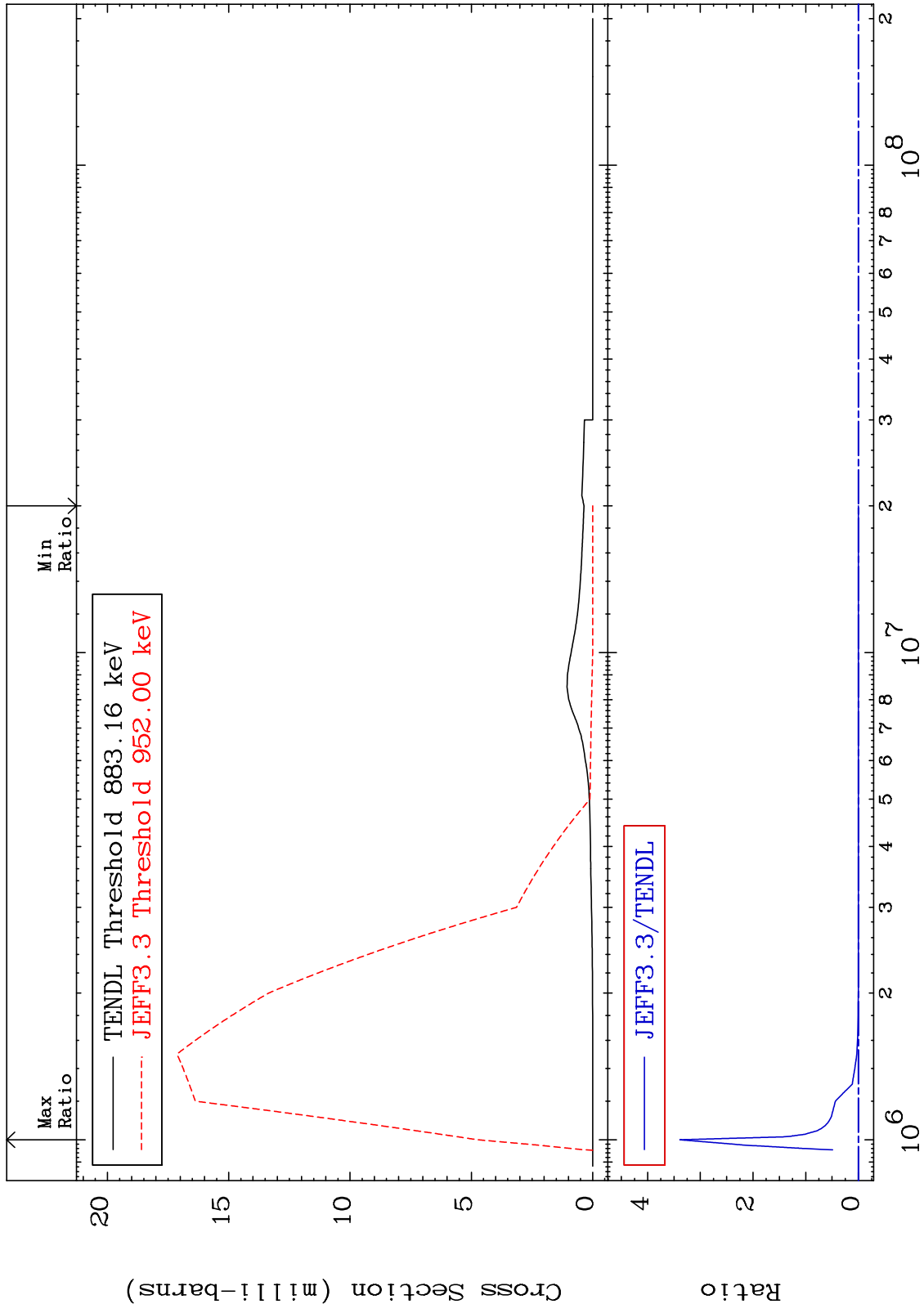
19

Incident Energy (eV)

90-Th-230



MAT 9034      MT= 65 (n,n') Level      90-Th-230  
Cross Section      -100.0 To 9999. %

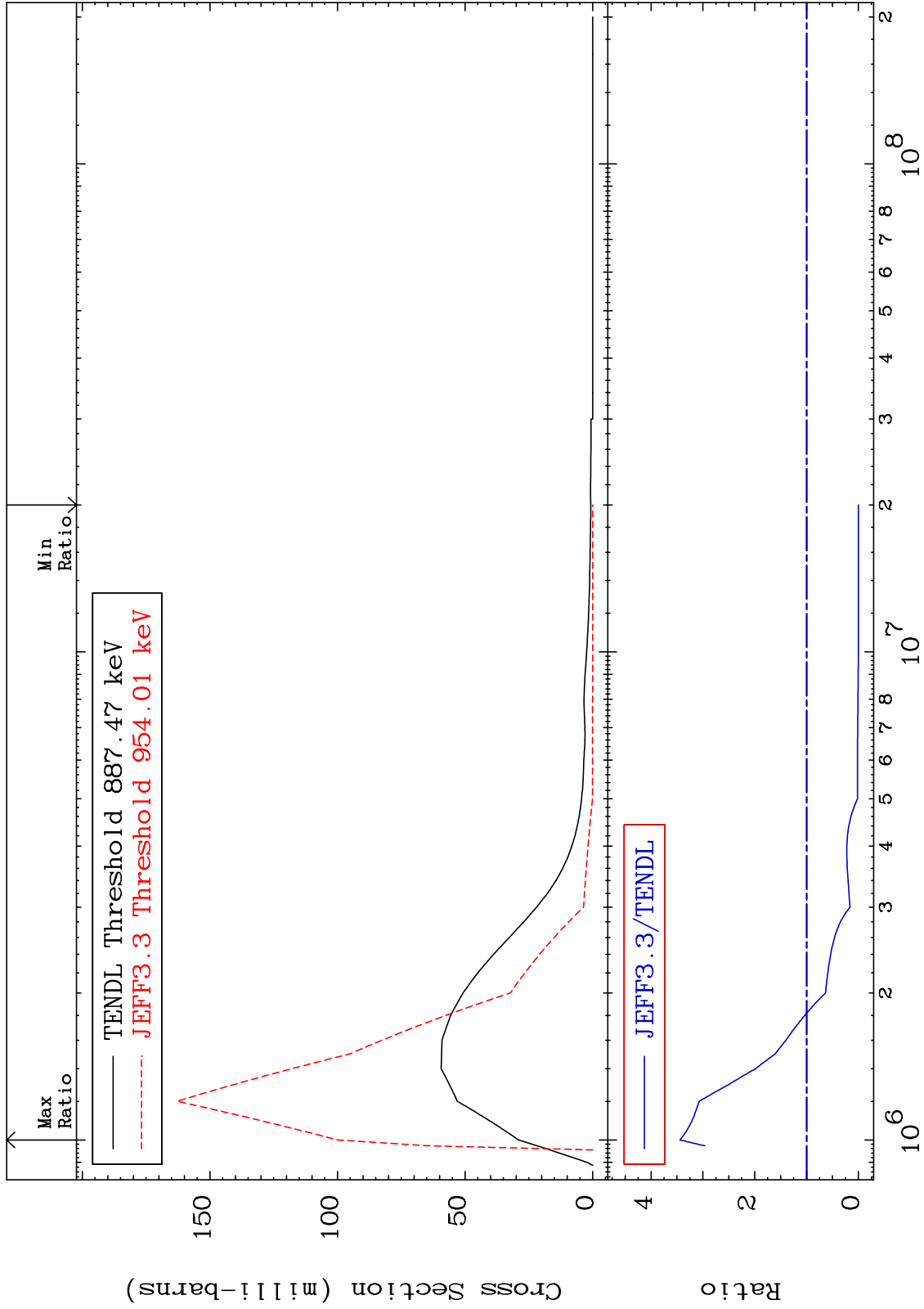


21      90-Th-230

MAT 9034

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

90-Th-230  
-100.0 To 244.1 %



22

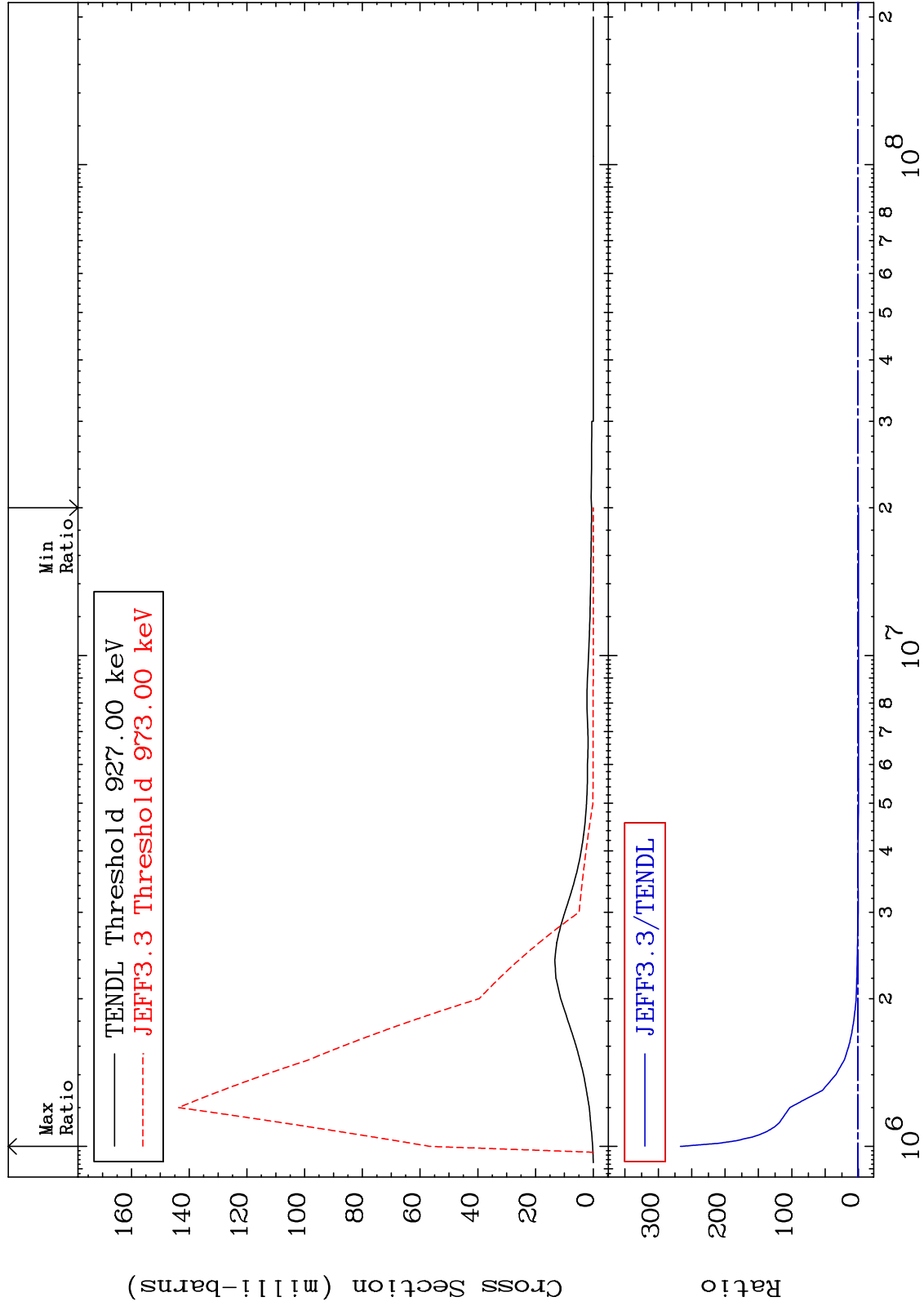
Incident Energy (eV)

90-Th-230

MAT 9034

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

90-Th-230  
-100.0 To 9999. %

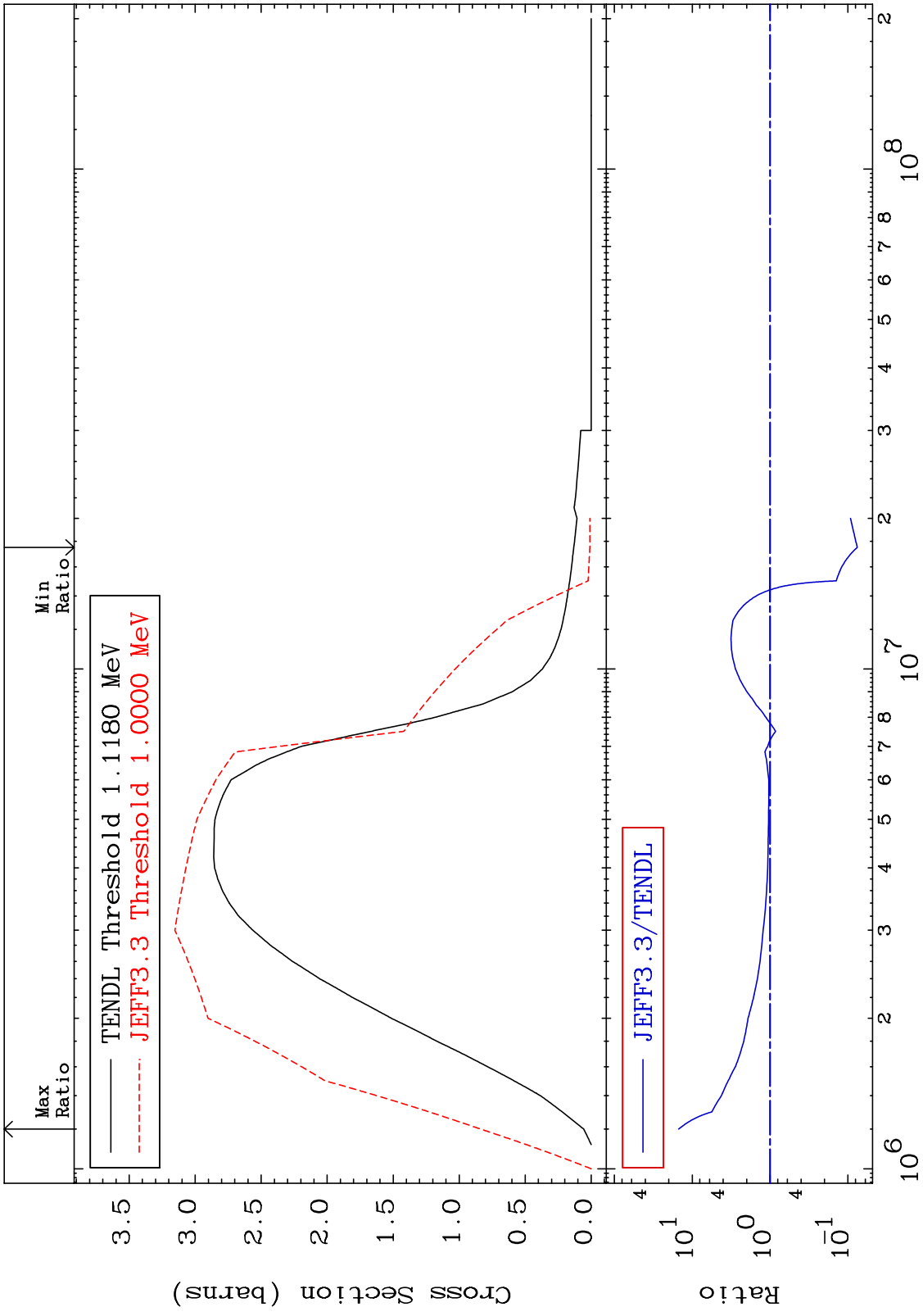




MAT 9034

(n, n') Continuum  
Cross Section

90-Th-230  
-92.41 To 1396. %



24

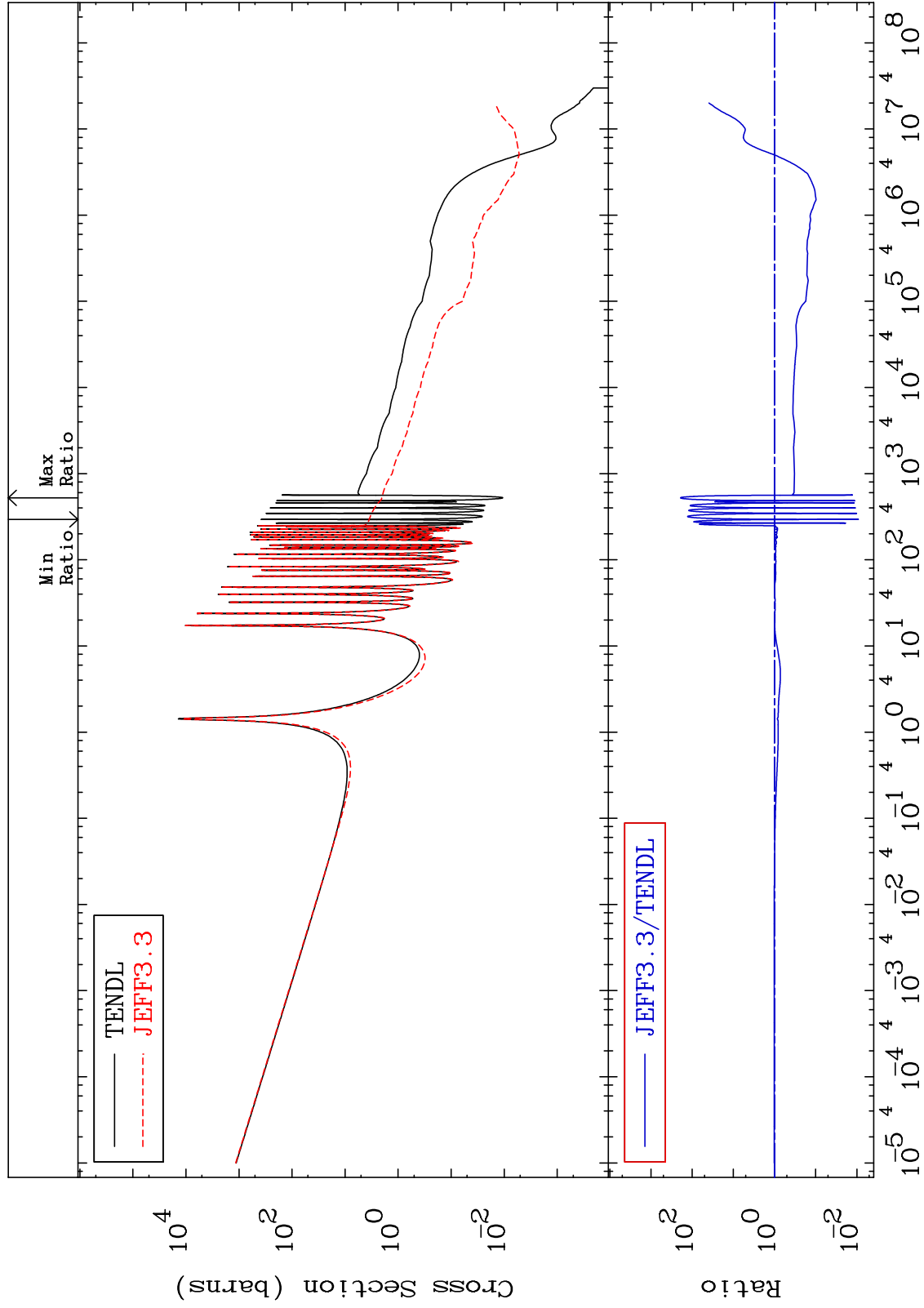
Incident Energy (eV)

90-Th-230

MAT 9034

(n,  $\gamma$ )  
Cross Section

90-Th-230  
-99.09 To 9999. %



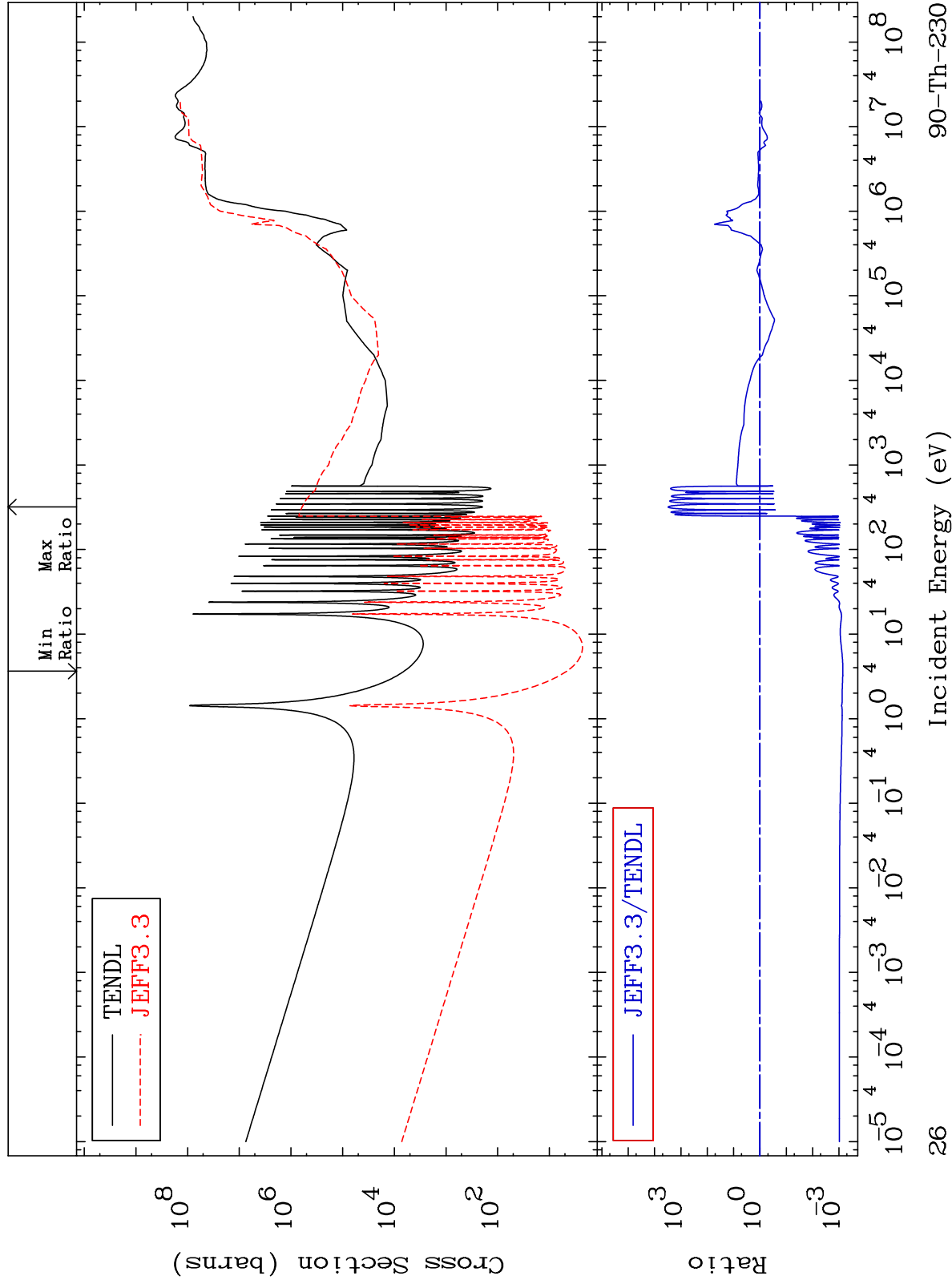
MAT 9034

Kerma total (eV-barns)

90-Th-230

-99.93 To 9999. %

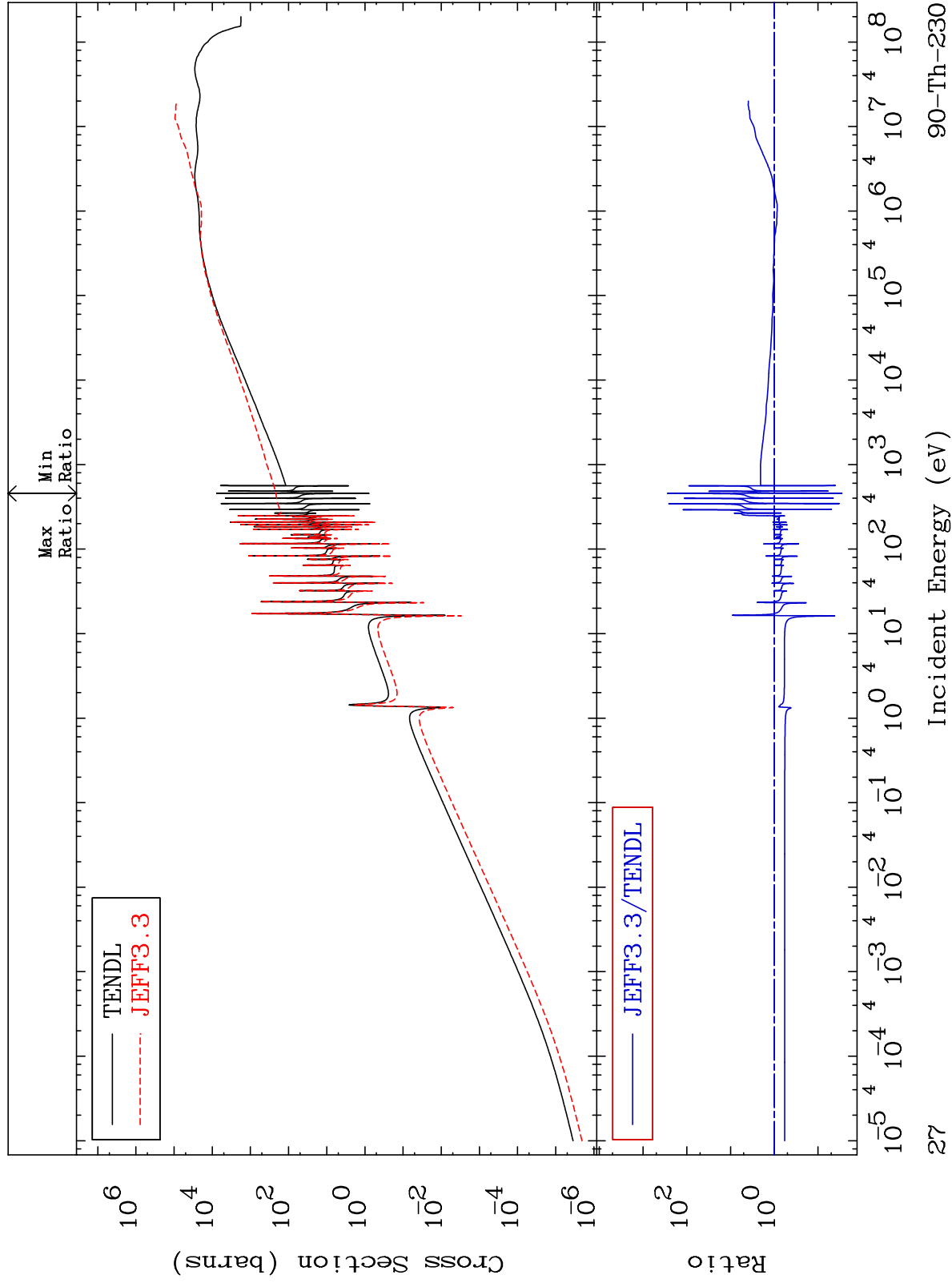
Cross Section



MAT 9034

Kerma elastic  
Cross Section

90-Th-230  
-97.18 To 9999. %



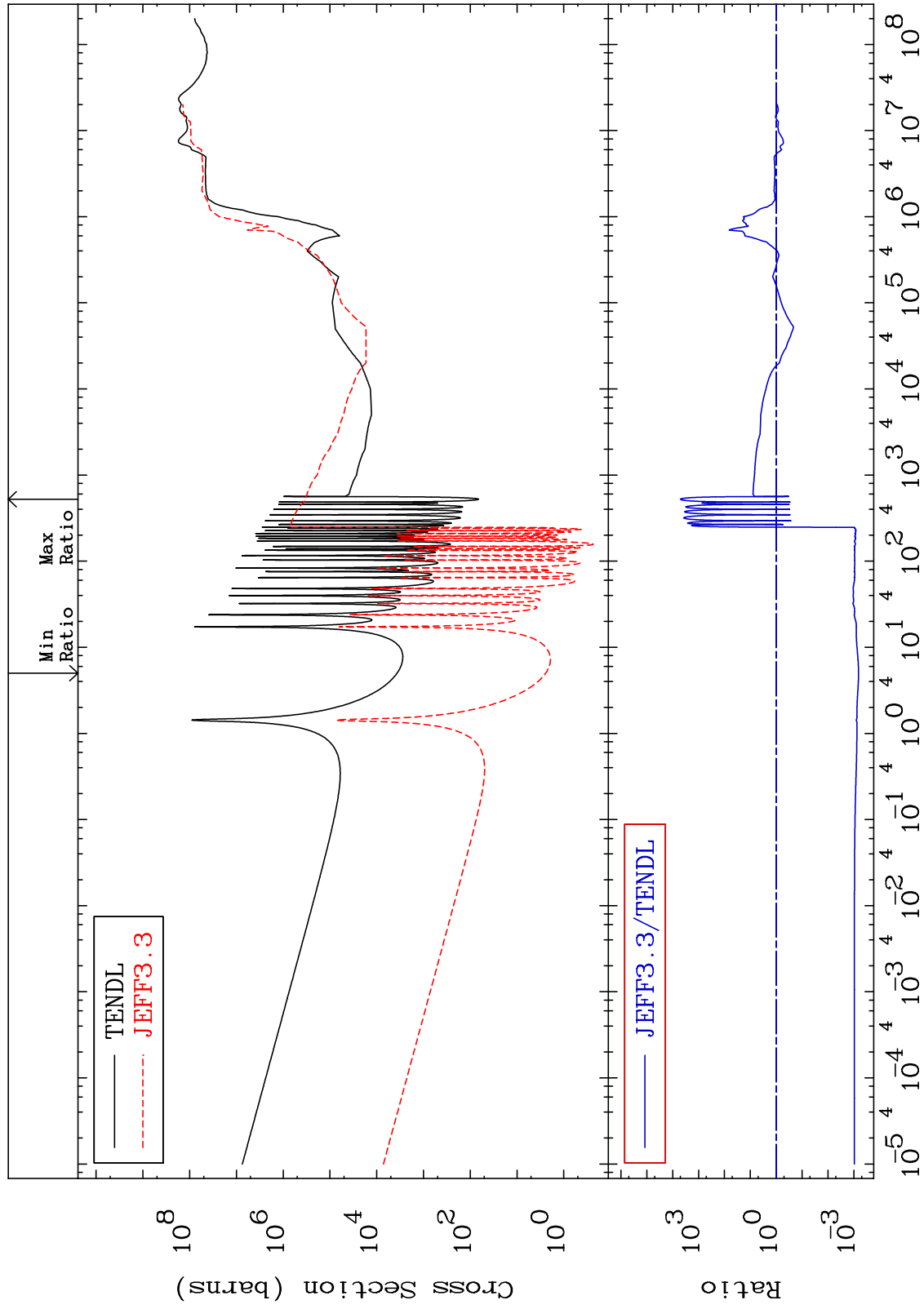
MAT 9034

Kerma non-elastic (all but mt2)

90-Th-230

-99.93 To 9999. %

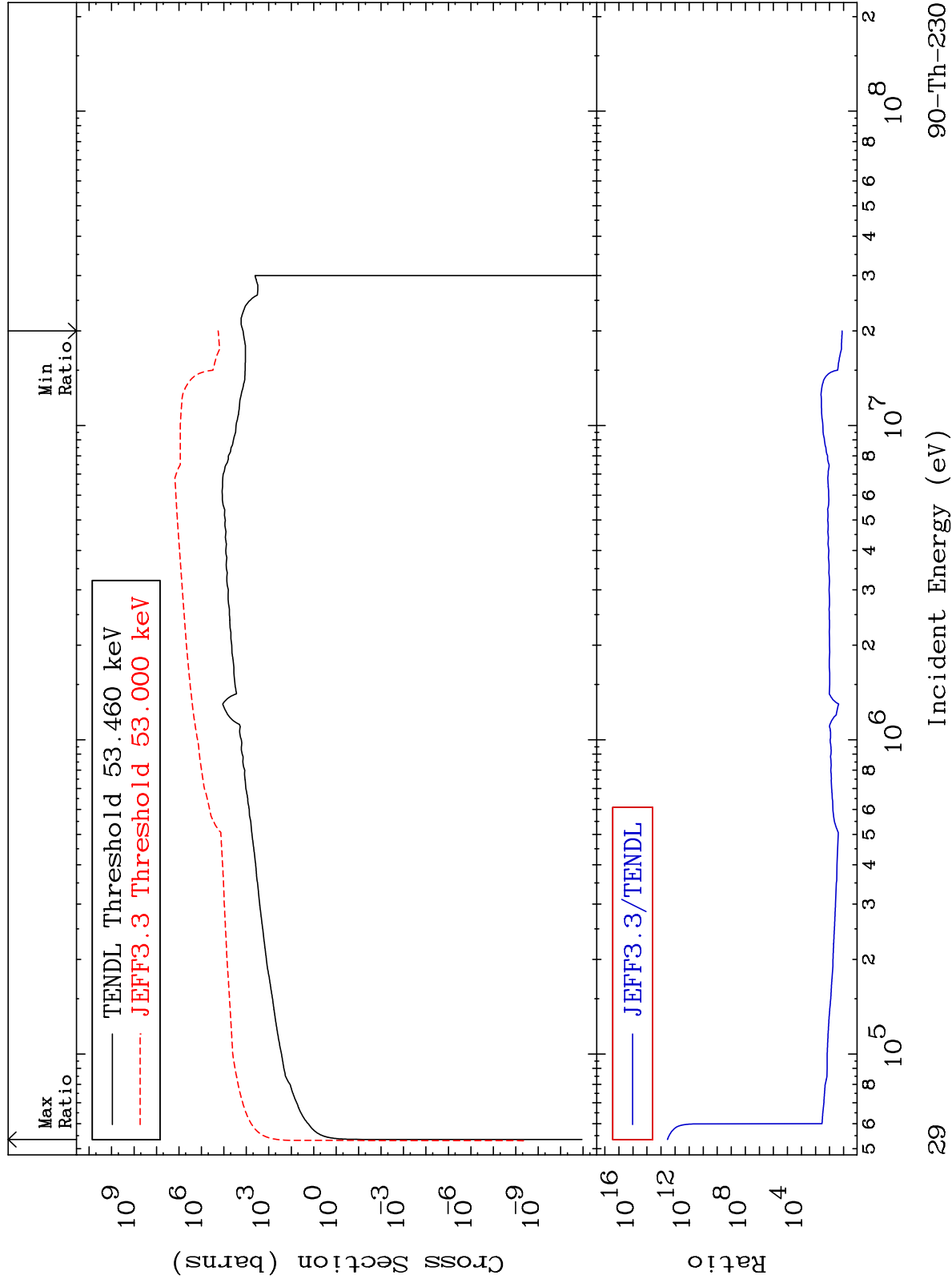
Cross Section



MAT 9034

Kerma inelastic (mt51-91)  
Cross Section

90-Th-230  
1178. To 9999. %



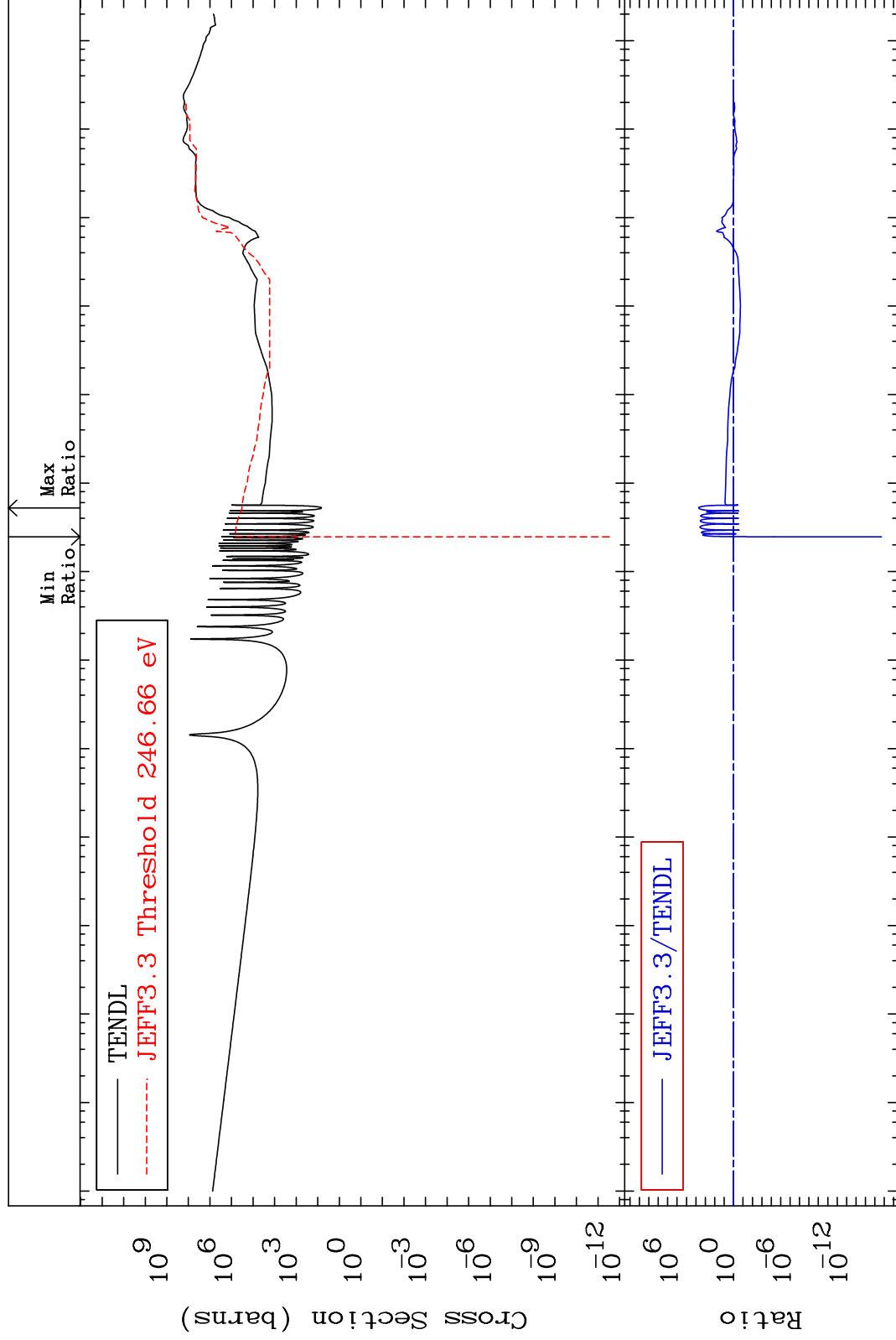
MAT 9034

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

90-Th-230

-100.0 To 9999. %

Cross Section



30

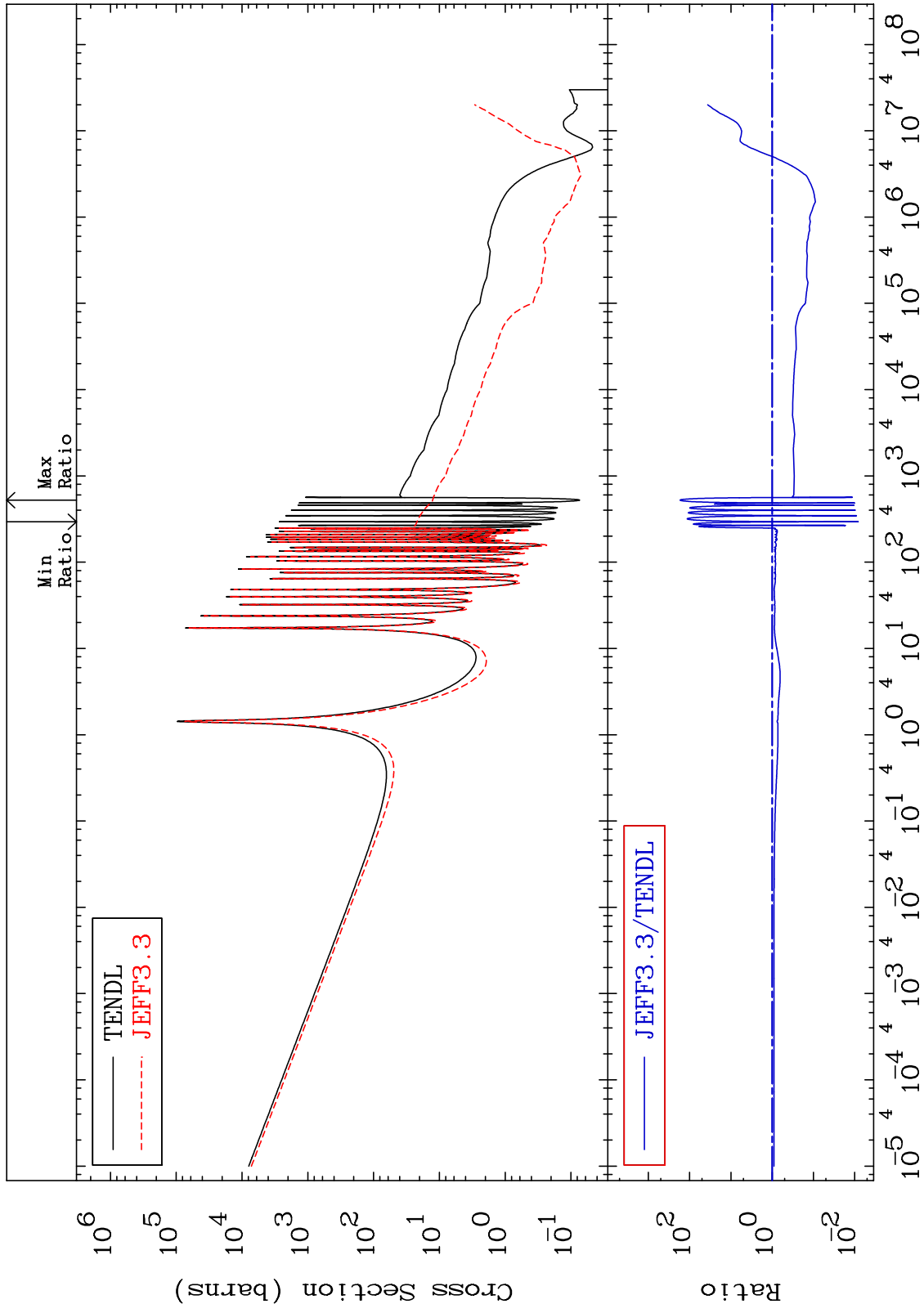
Incident Energy (eV)

90-Th-230

MAT 9034

Kerma capture (mt102)  
Cross Section

90-Th-230  
-99.19 To 9999. %

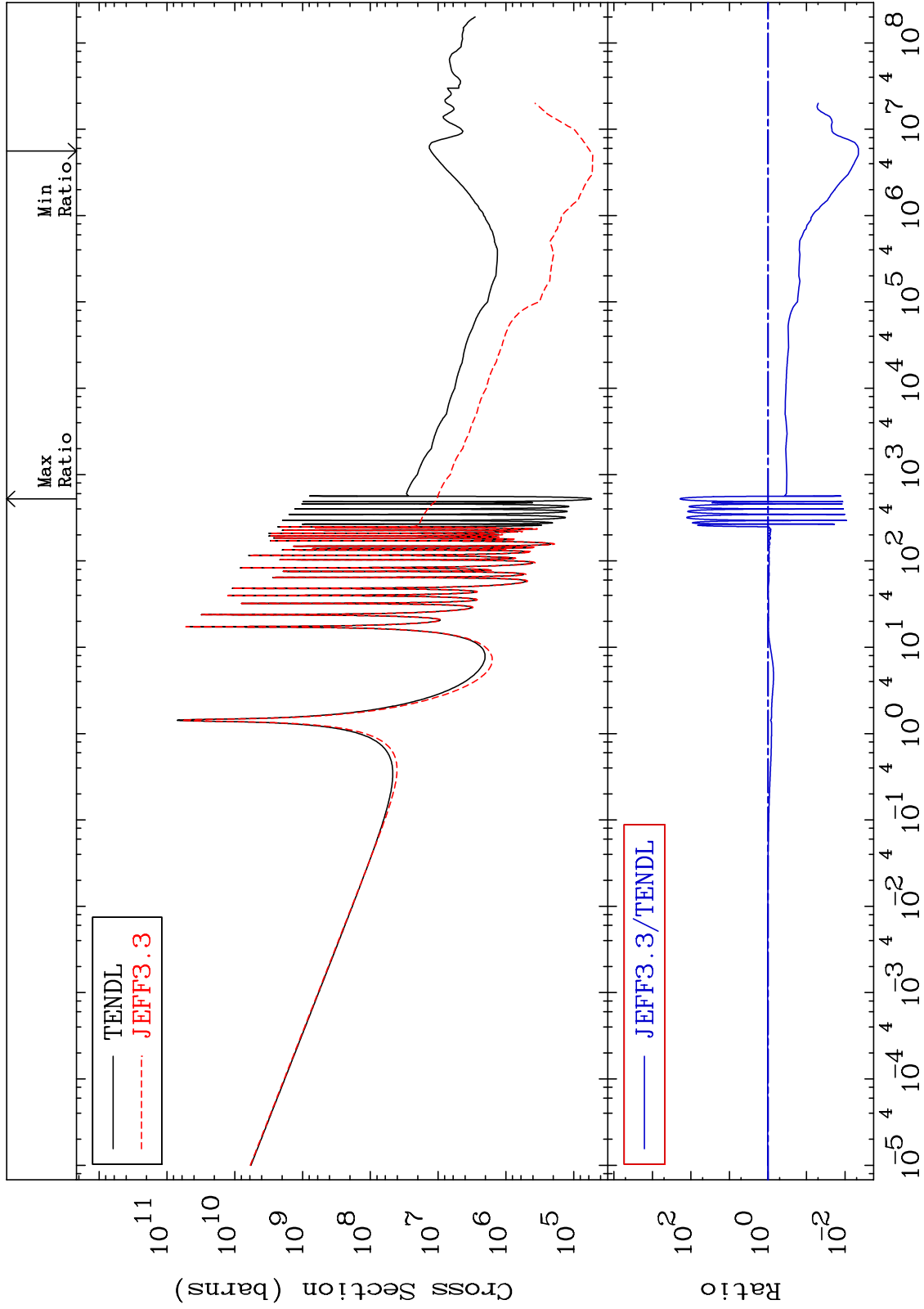




MAT 9034

Total photon (eV-barns)  
Cross Section

90-Th-230  
-99.55 To 9999. %



32

Incident Energy (eV)

90-Th-230

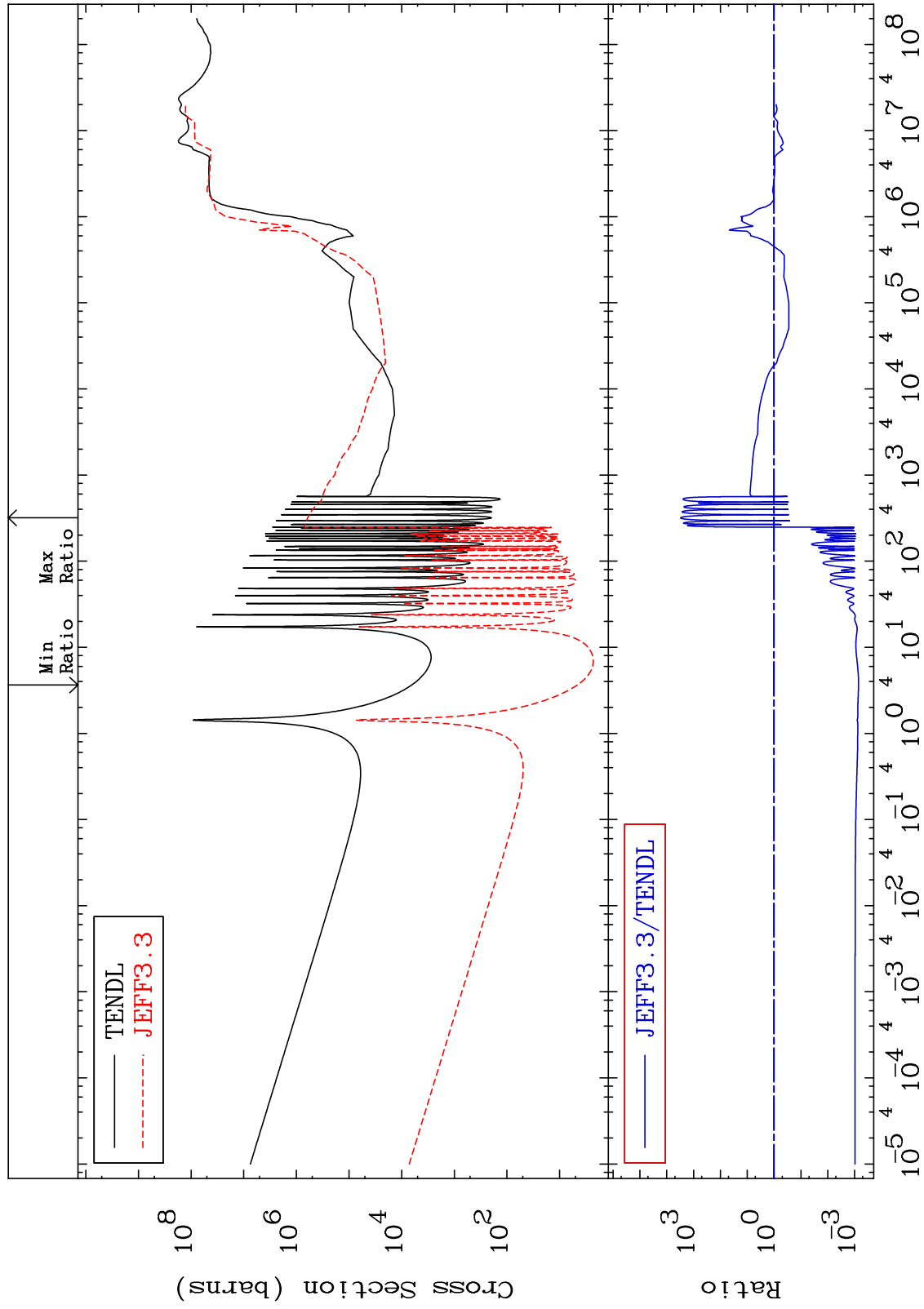
MAT 9034

Total kinematic kerma (high limit)

90-Th-230

-99.93 To 9999. %

Cross Section



33

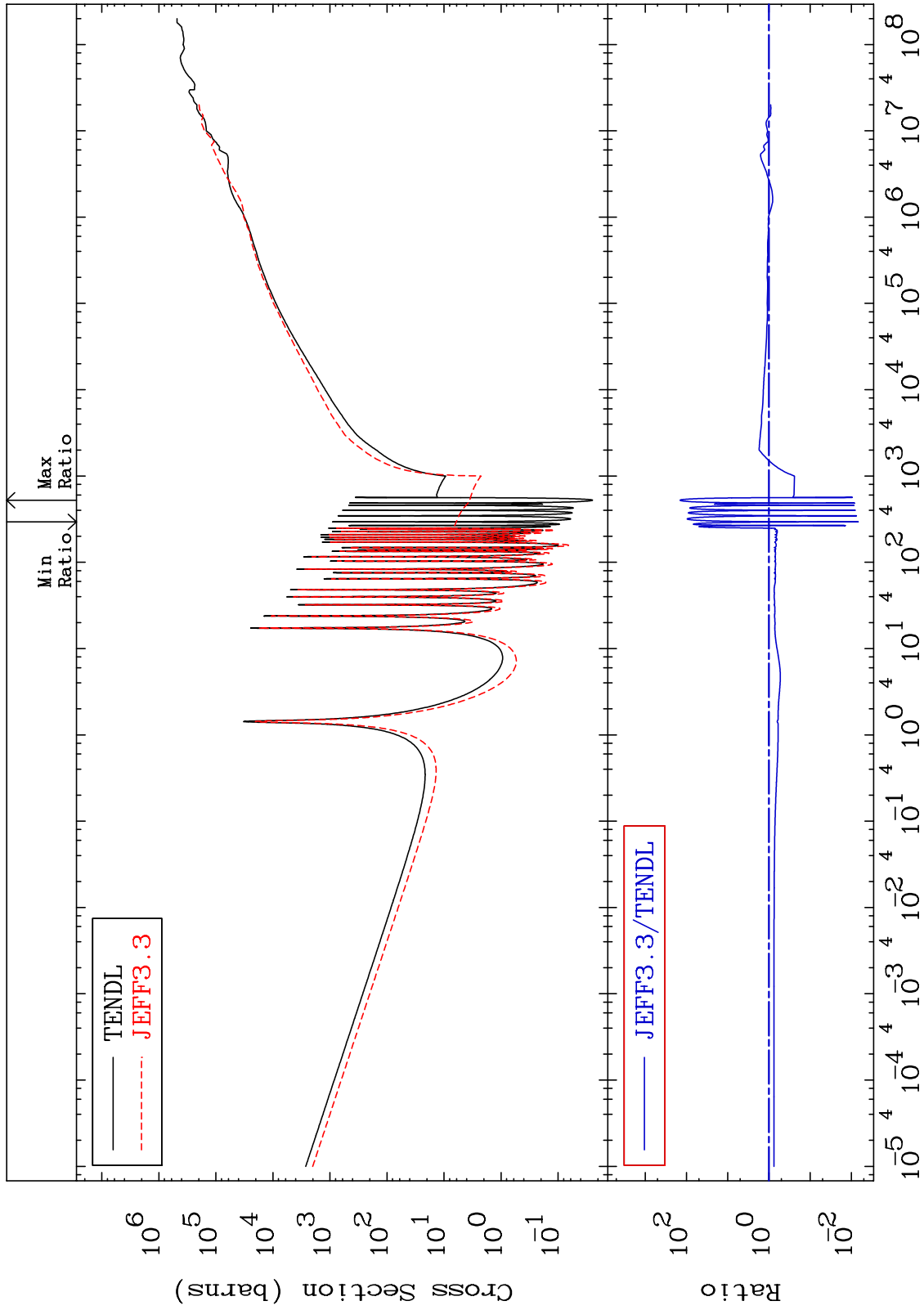
Incident Energy (eV)

90-Th-230

MAT 9034

Dpa total (eV-barns)  
Cross Section

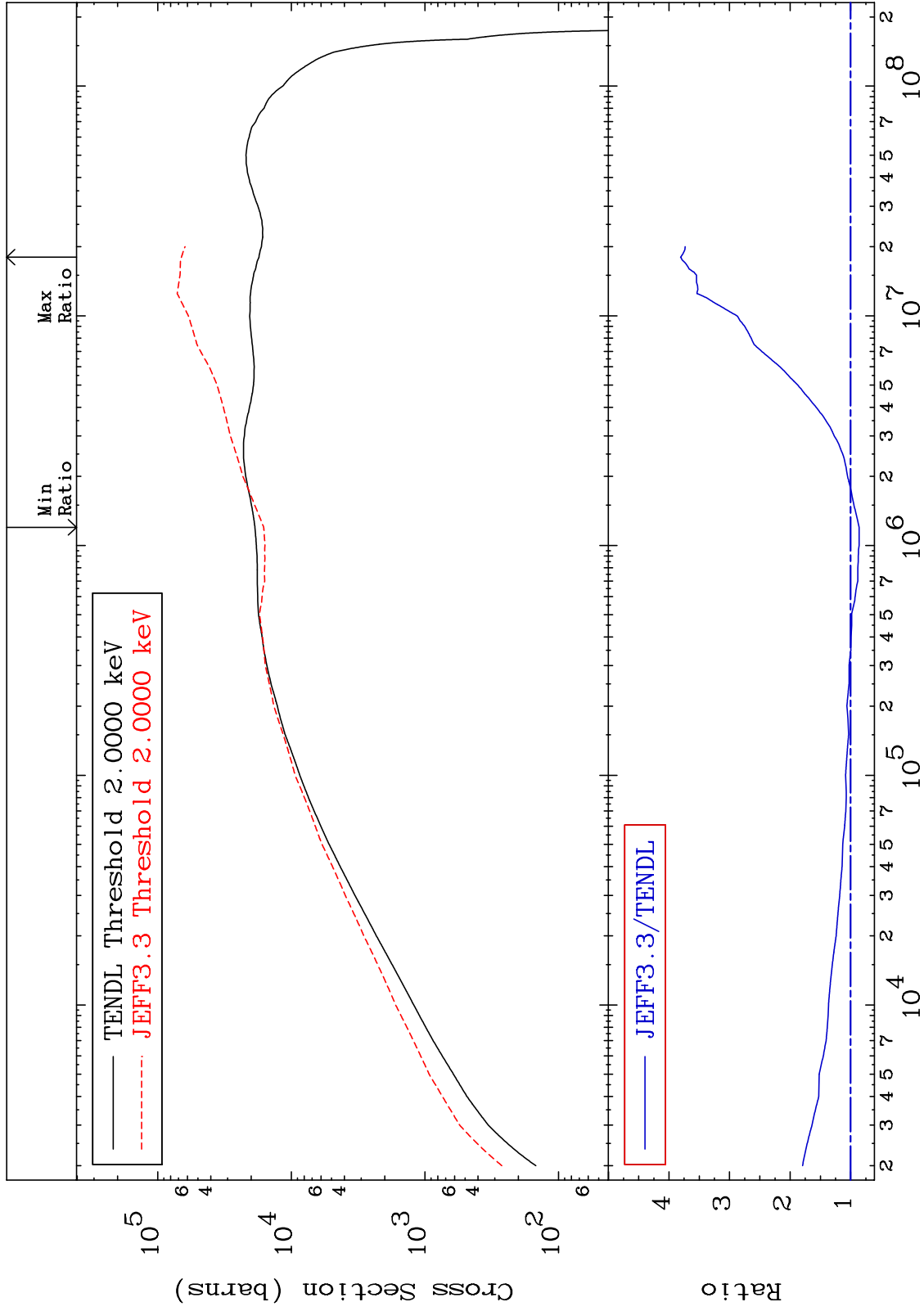
90-Th-230  
-99.32 To 9999. %



MAT 9034

Dpa elastic (mt2)  
Cross Section

90-Th-230  
-14.03 To 280.8 %



35

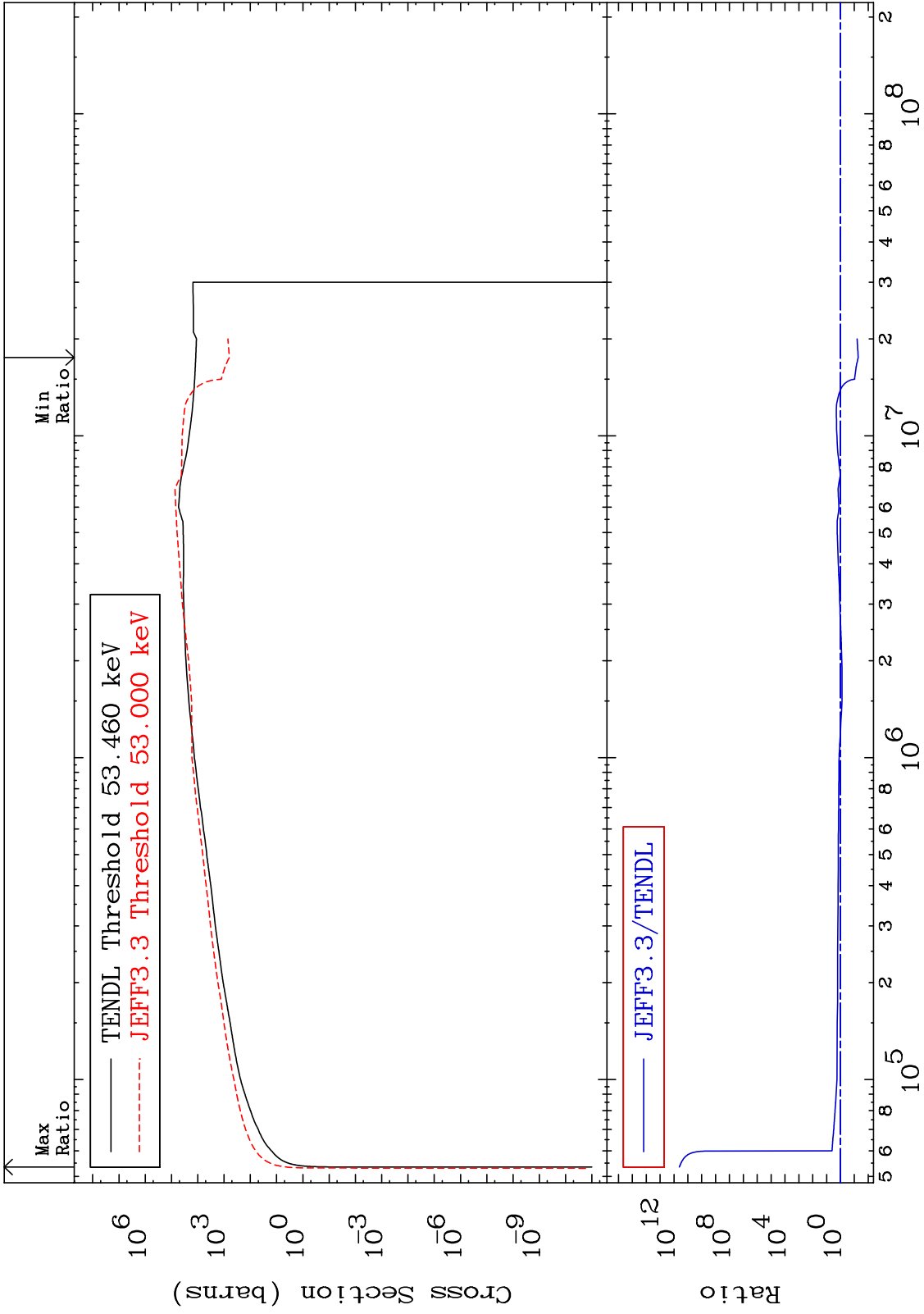
Incident Energy (eV)

90-Th-230

MAT 9034

Dpa inelastic (mt51-91)  
Cross Section

90-Th-230  
-94.75 To 9999. %



MAT 9034

Dpa disappearance (mt102 -120)  
Cross Section

90-Th-230  
-99.82 To 9999. %

