

Program Complot  
(Version 2018-1)

by

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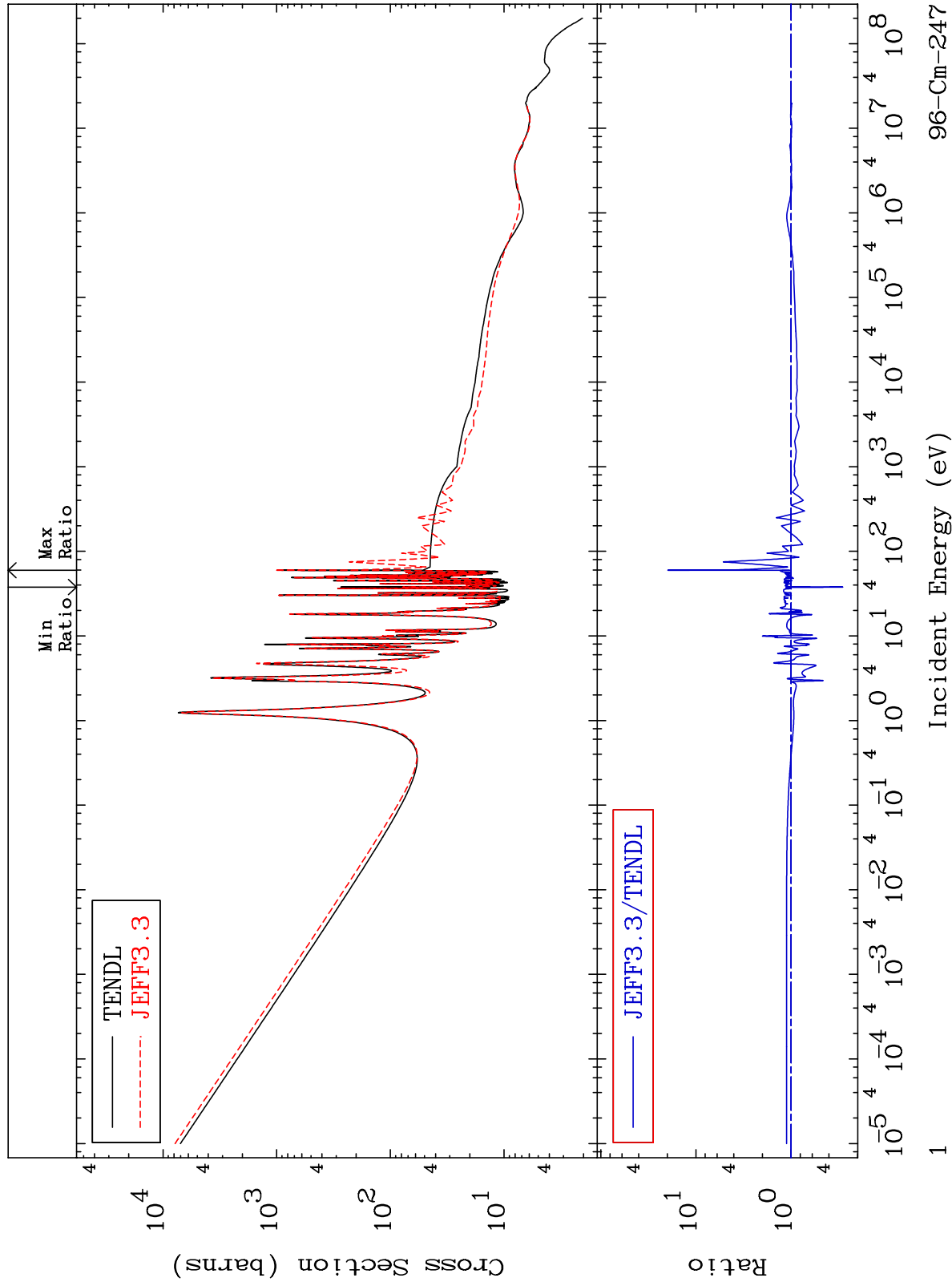
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9646

Total Cross Section  
96-Cm-247  
-71.48 To 1864. %



96-Cm-247

Incident Energy (eV)

1

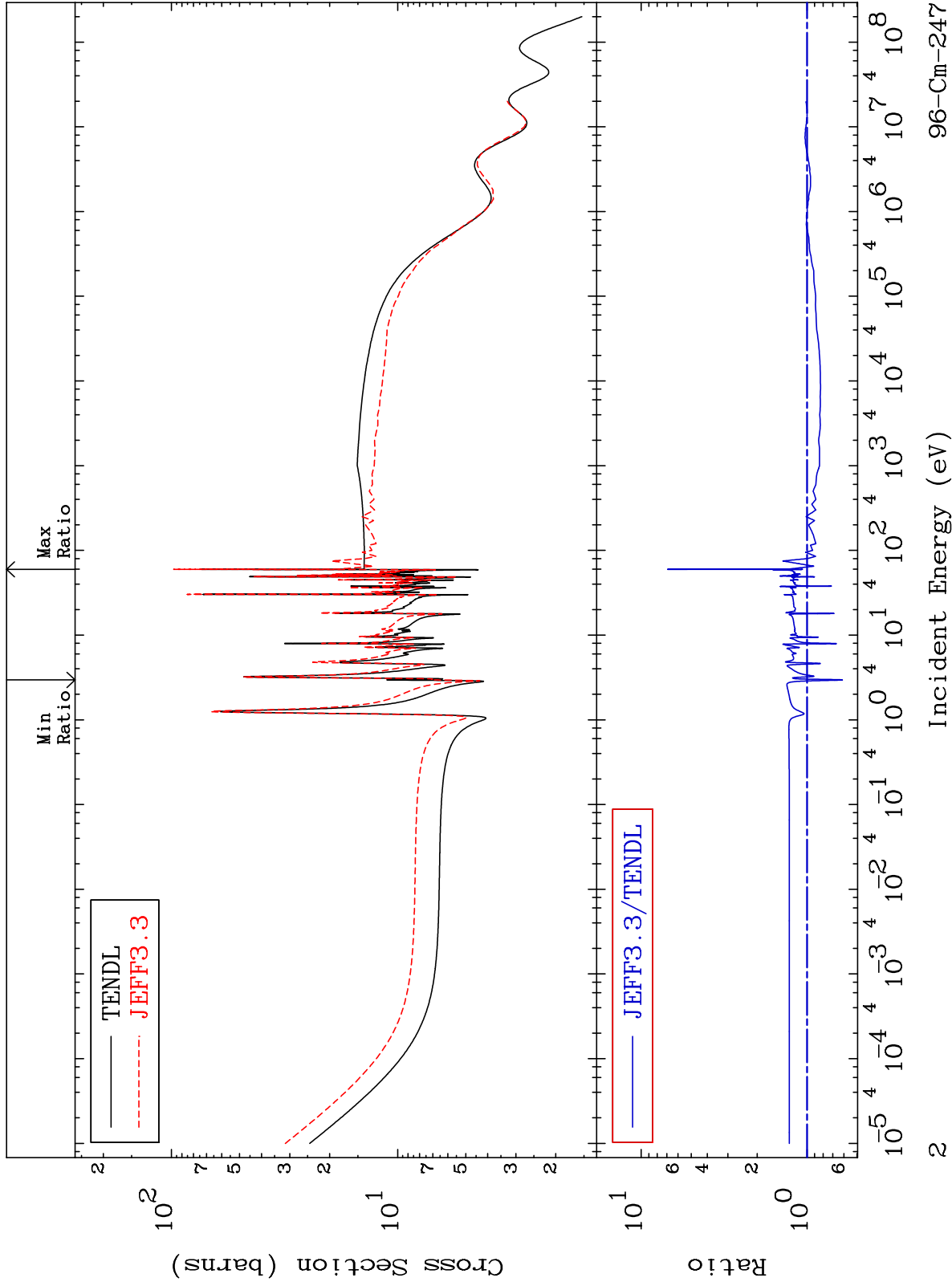
MAT 9646

Elastic

96-Cm-247

Cross Section

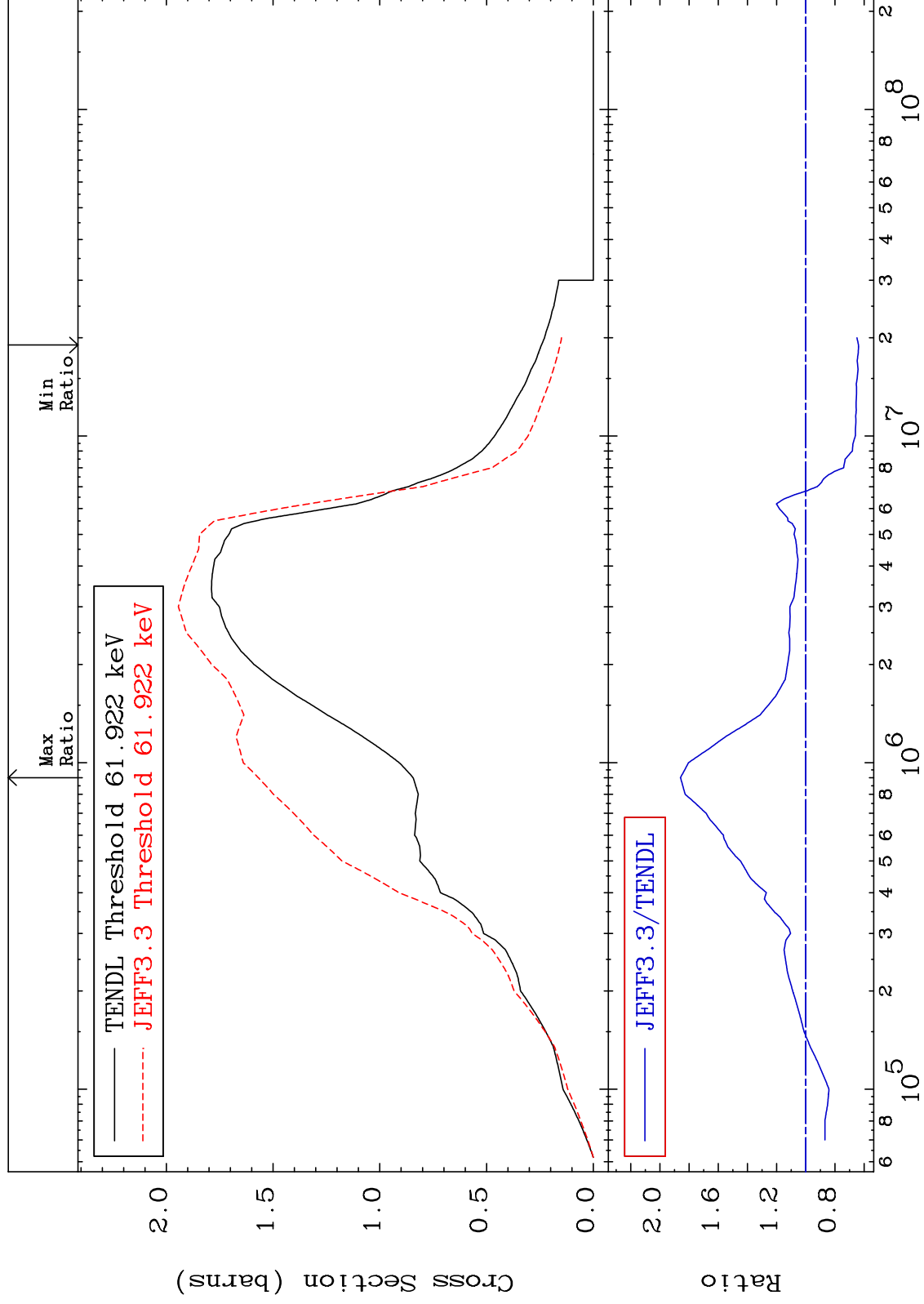
-39.01 To 593.9 %



MAT 9646

Inelastic  
Cross Section

96-Cm-247  
-36.13 To 85.93 %



3

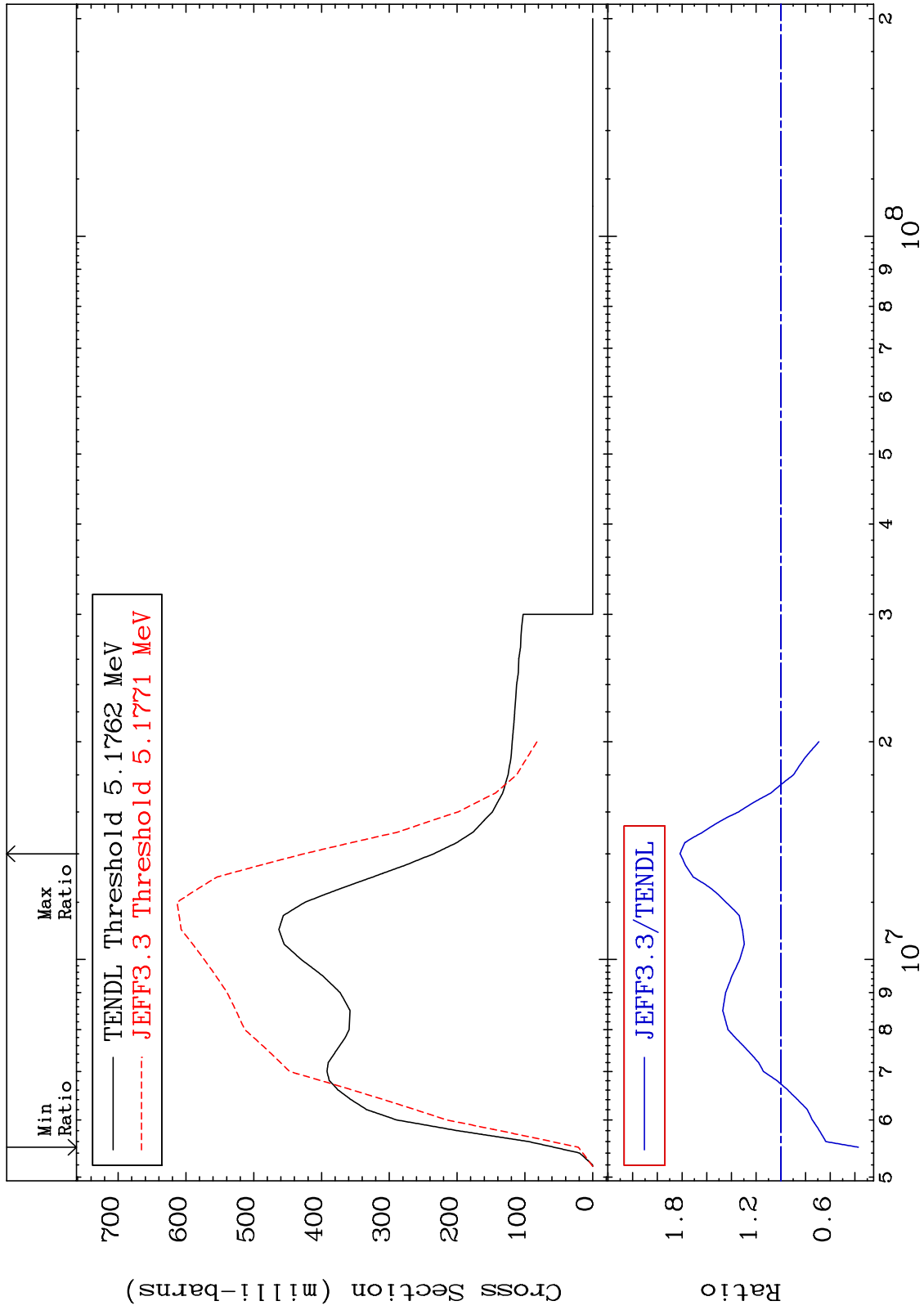
MAT 9646

(n, 2n)

96-Cm-247

Cross Section

-62.79 To 81.63 %



4

Incident Energy (eV)

96-Cm-247

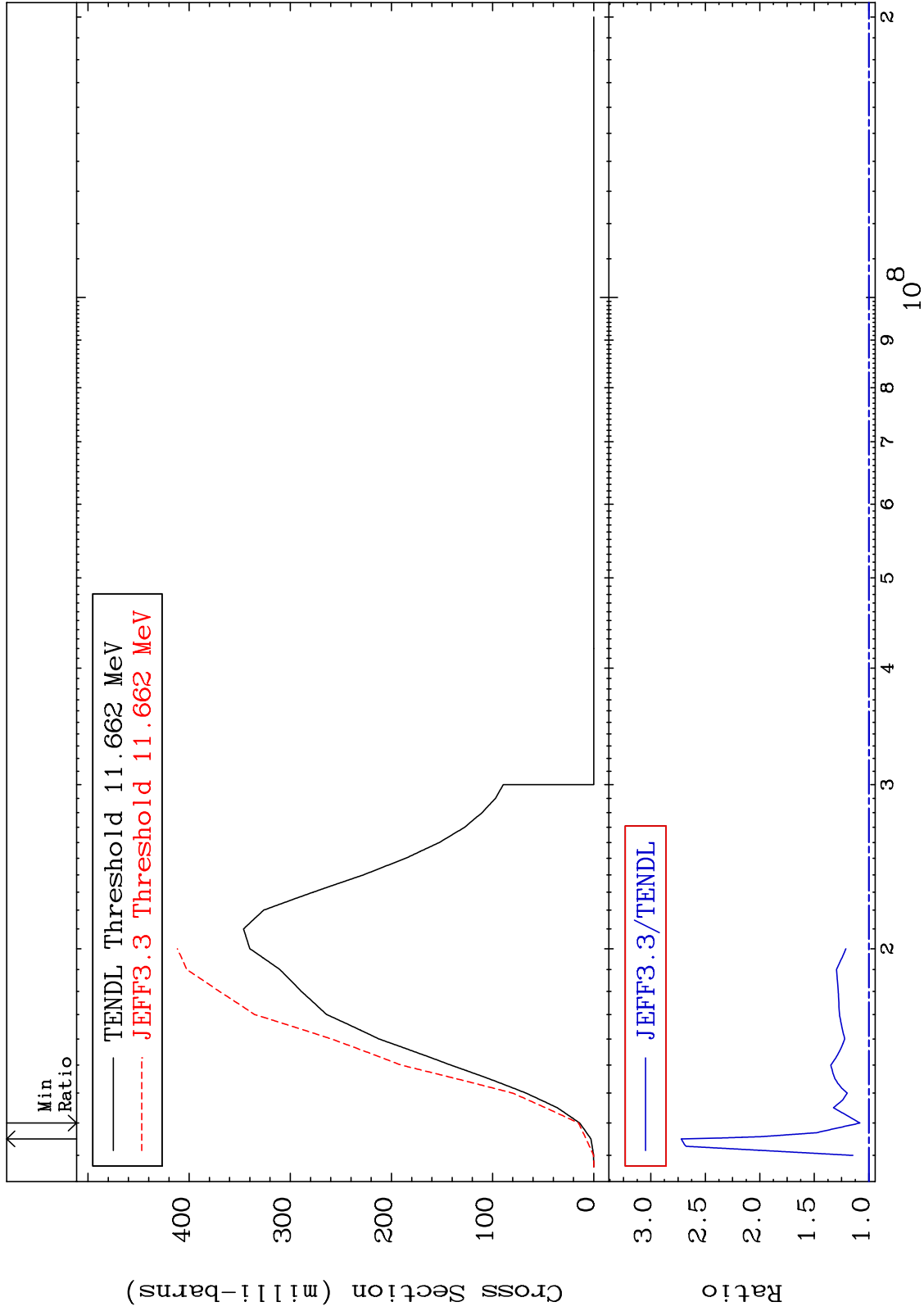
MAT 9646

(n, 3n)

96-Cm-247

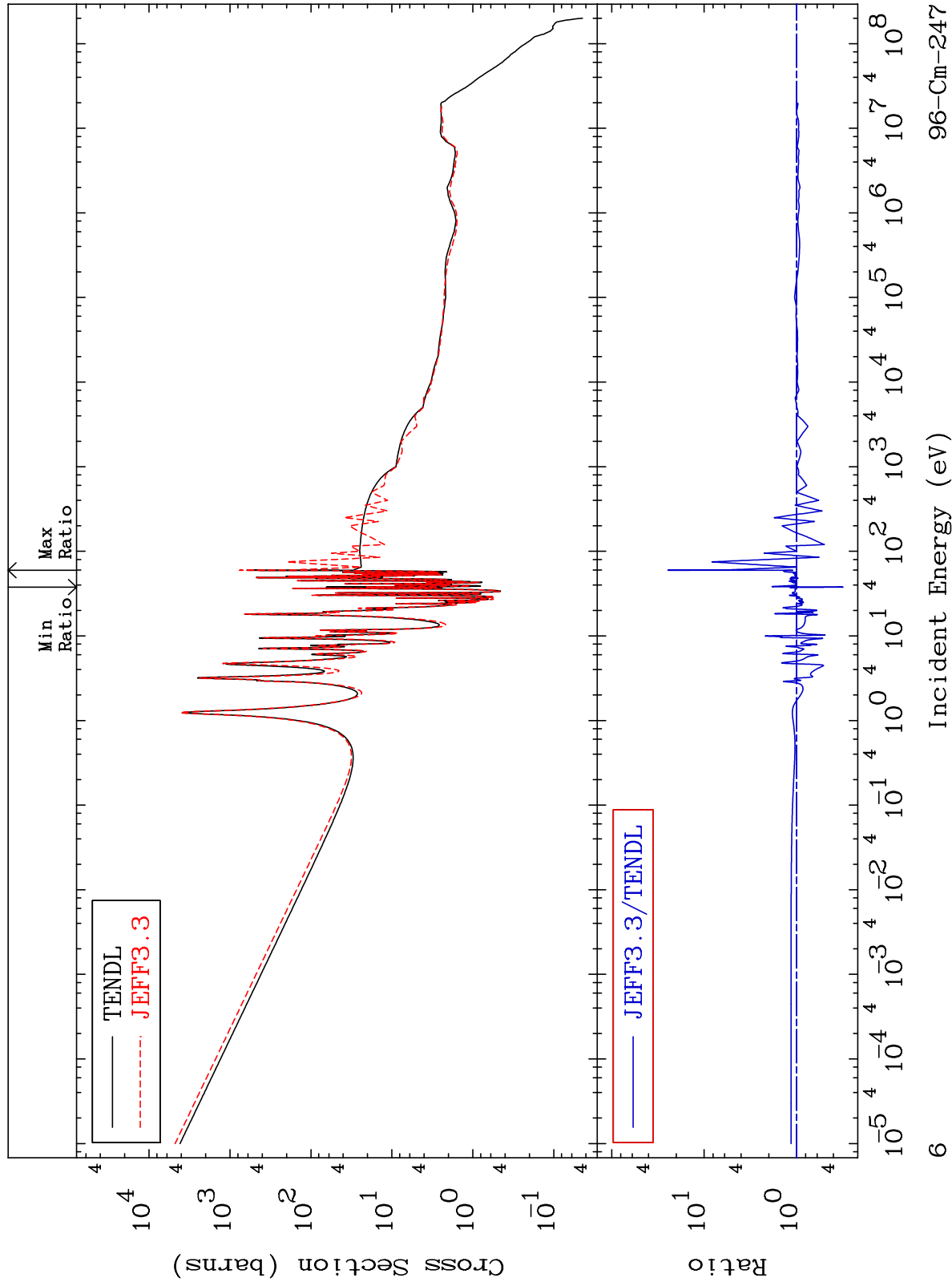
Cross Section

8.168 To 172.1 %



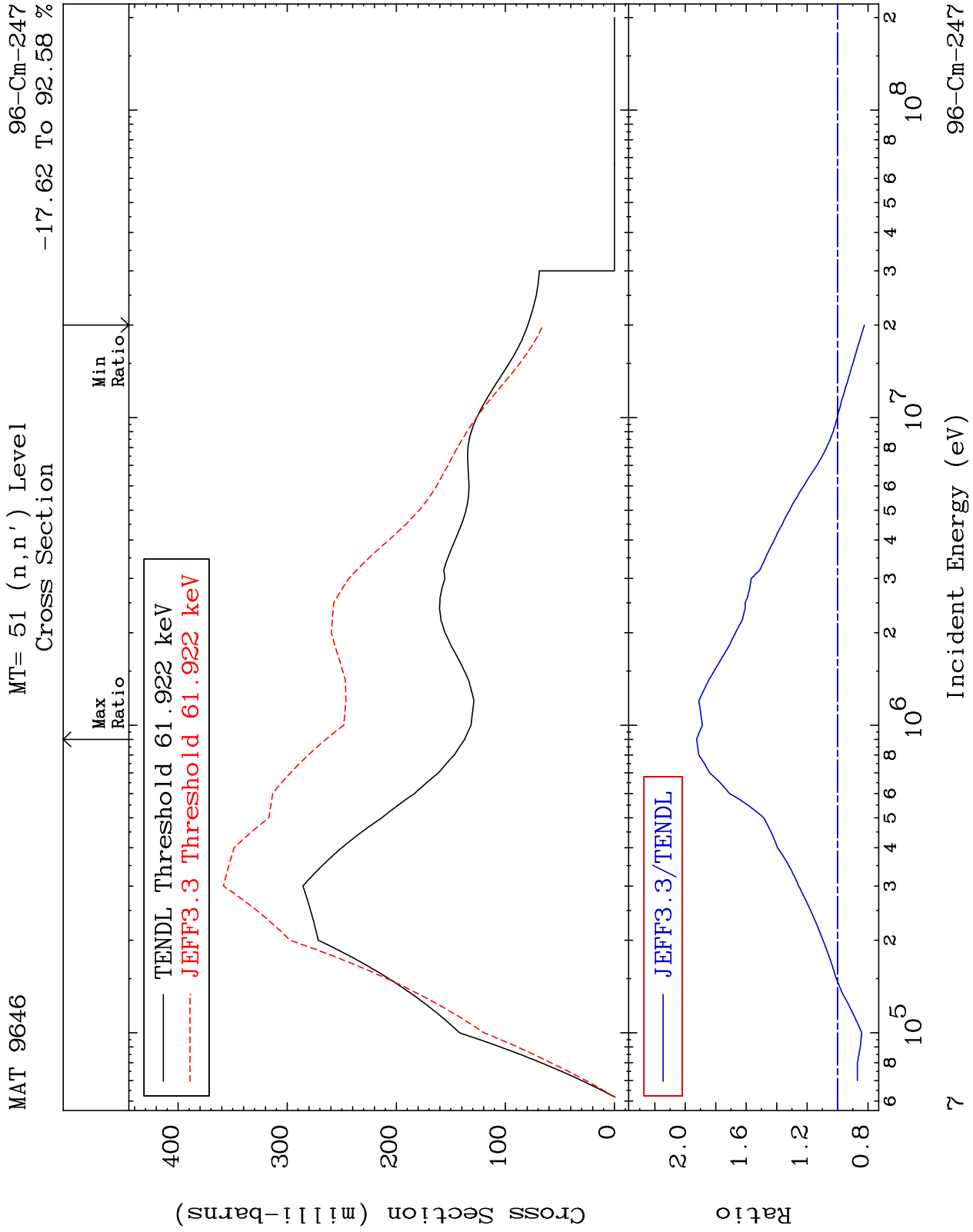
MAT 9646

Fission Cross Section  
96-Cm-247  
-68.36 To 2361. %



96-Cm-247

Incident Energy (eV)

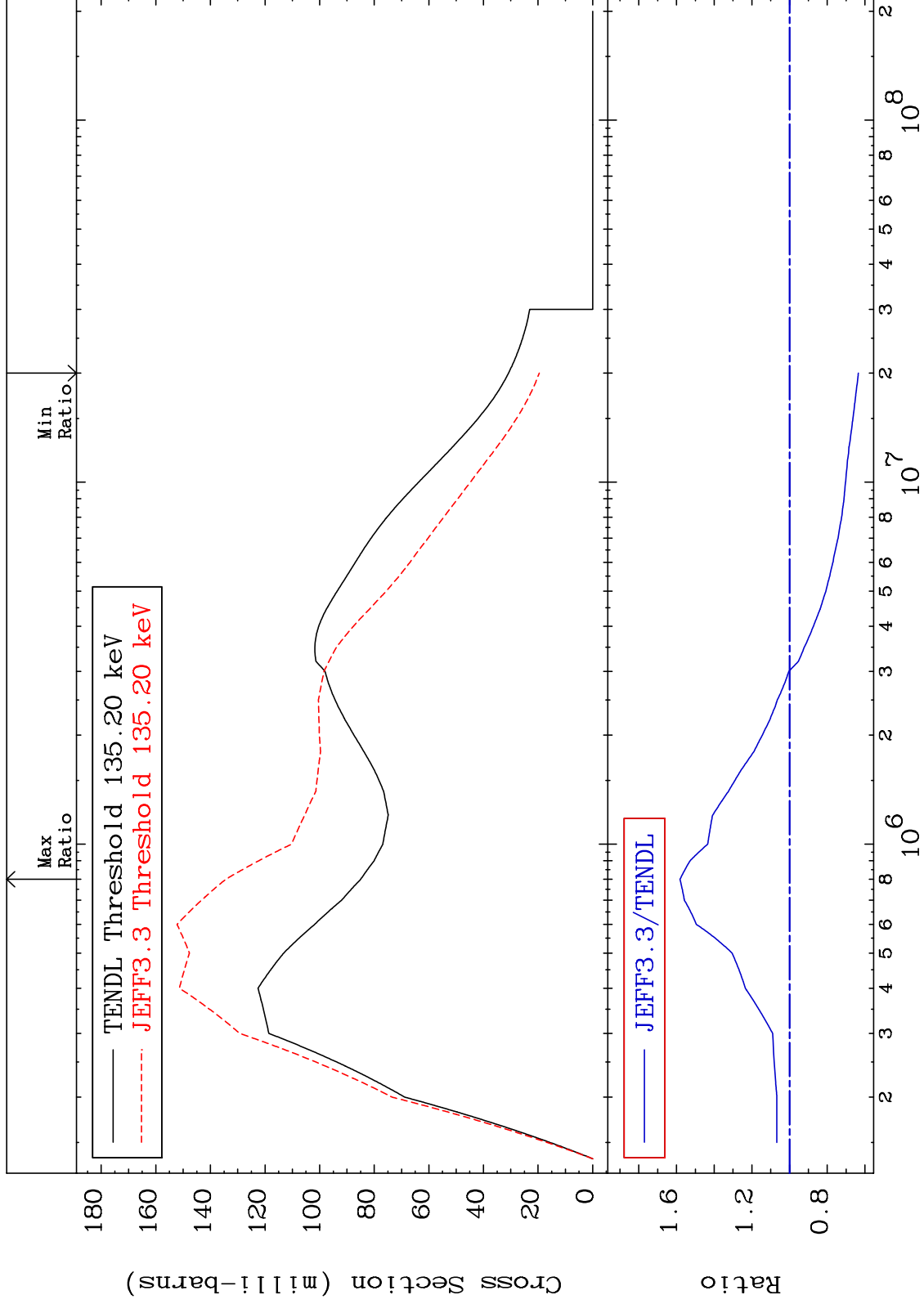




MAT 9646

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

96-Cm-247  
-36.55 To 58.14 %

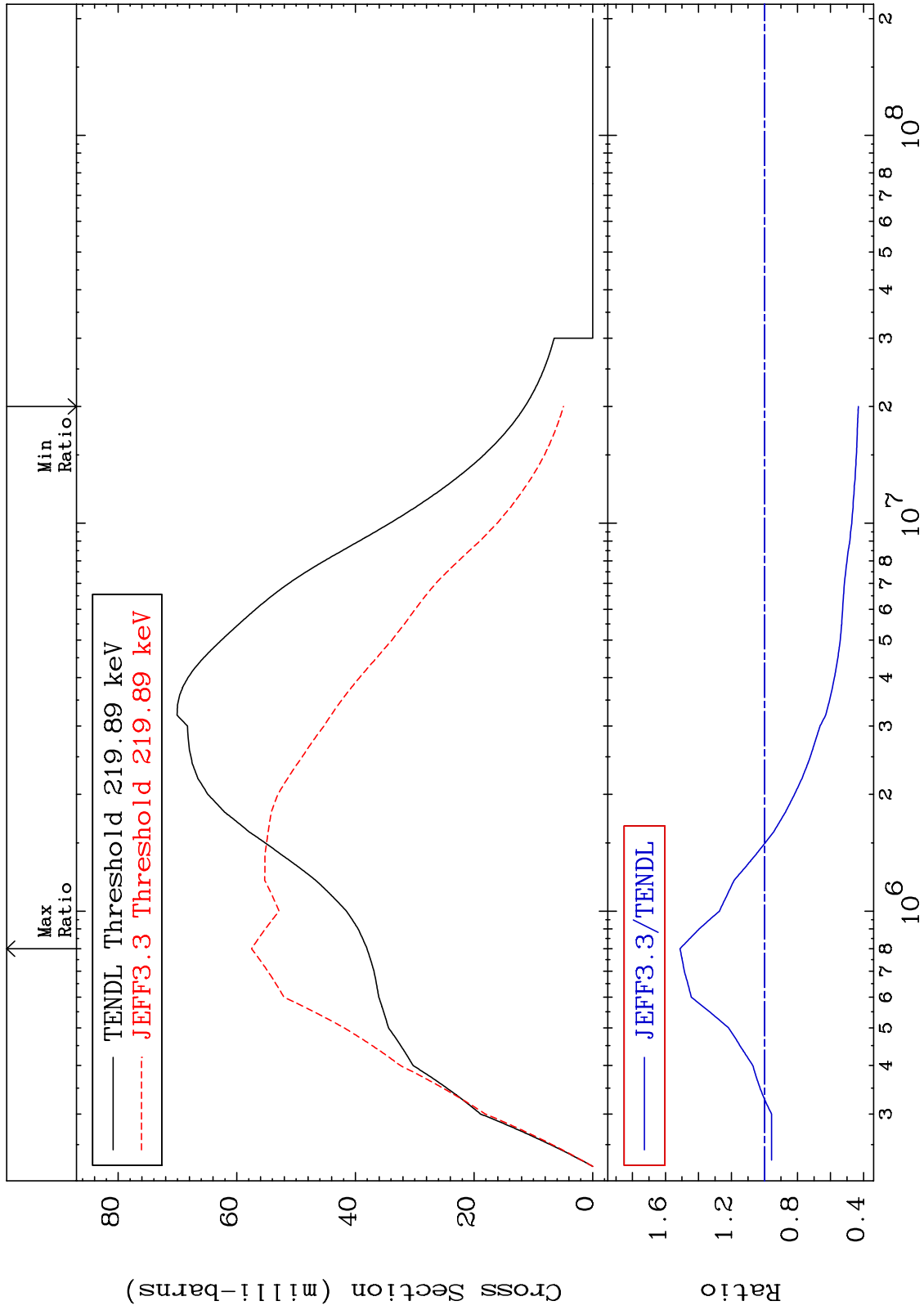


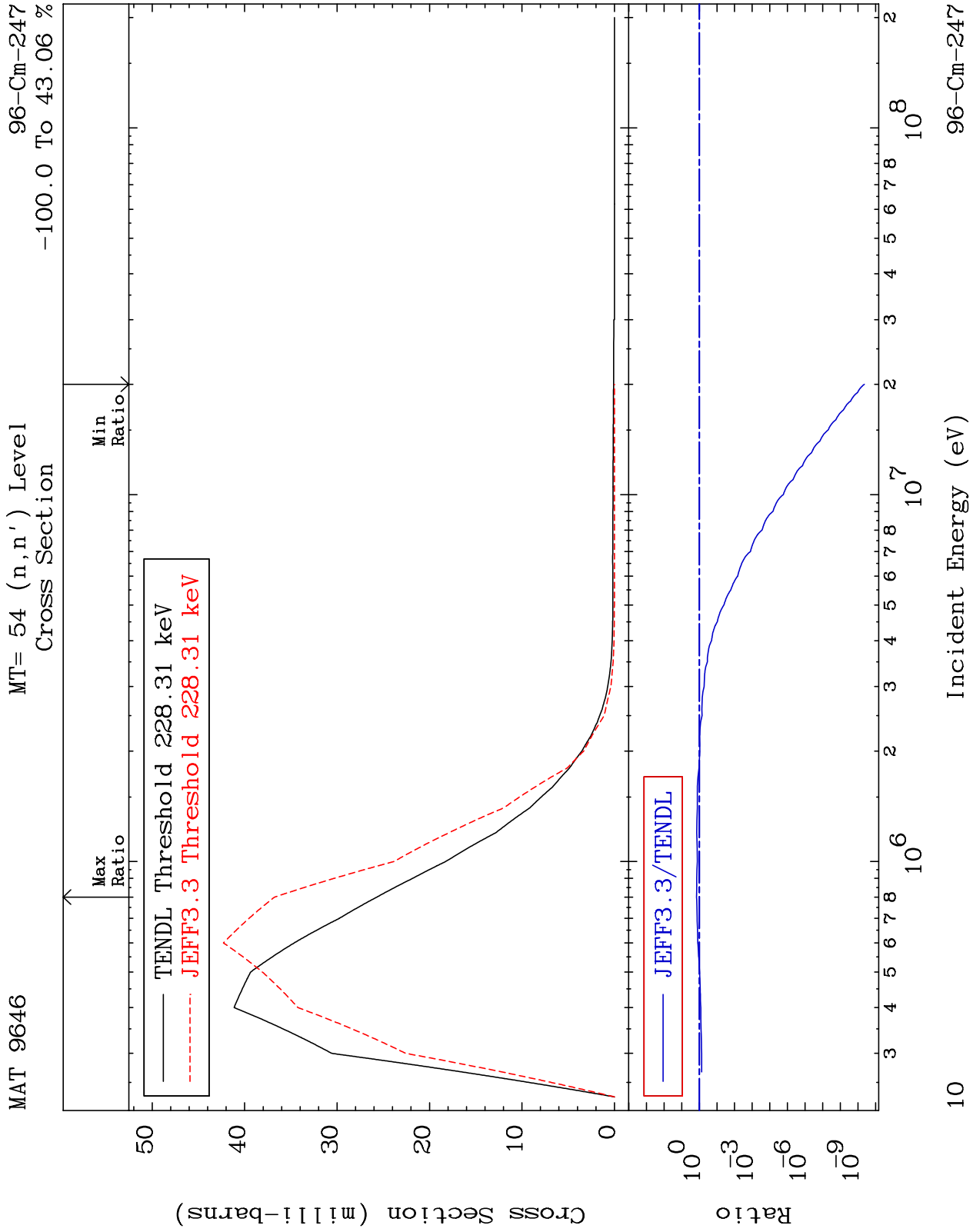
8

Incident Energy (eV)

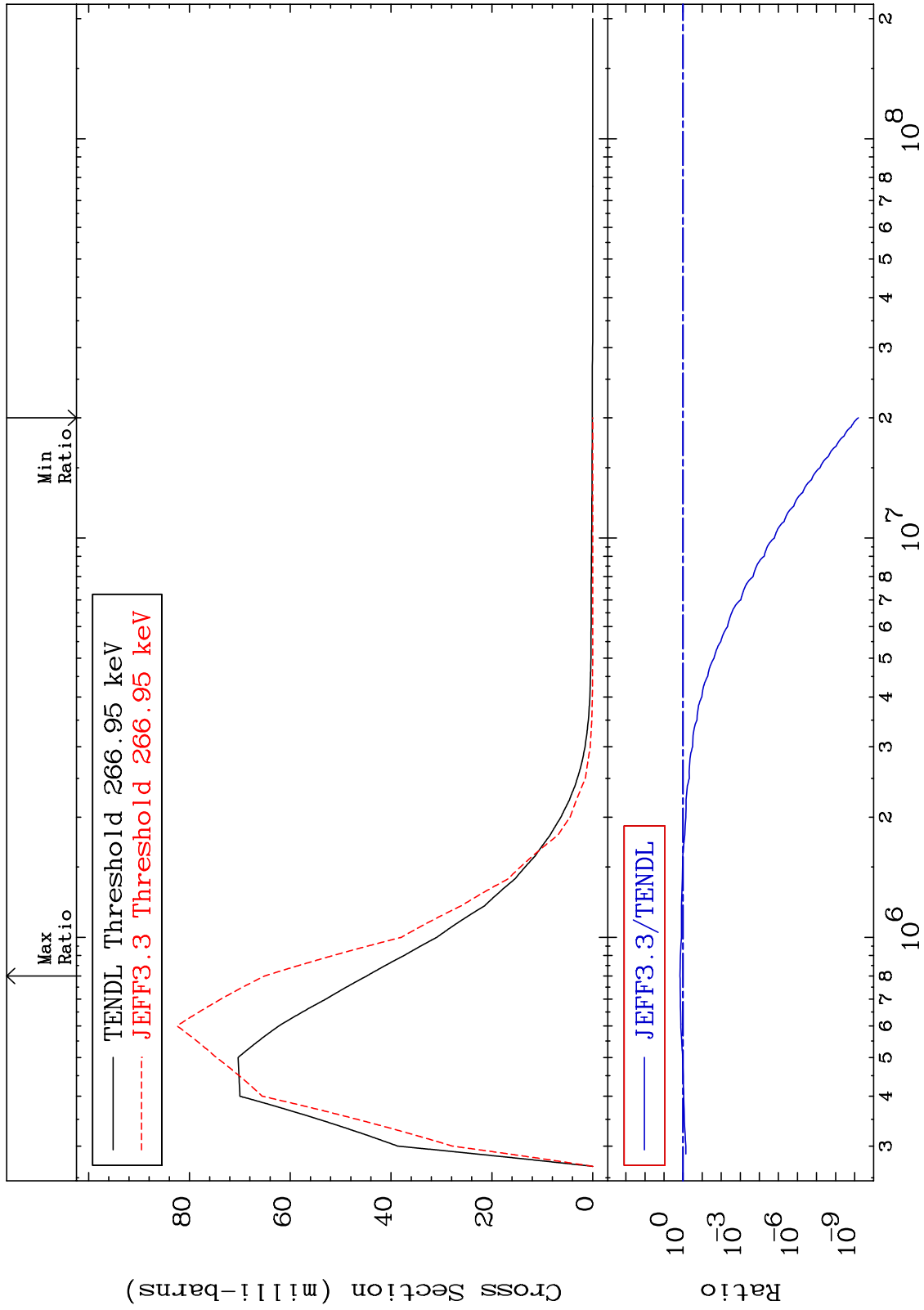
96-Cm-247

MAT 9646 MT= 53 (n,n') Level 96-Cm-247  
 Cross Section -56.91 To 51.18 %





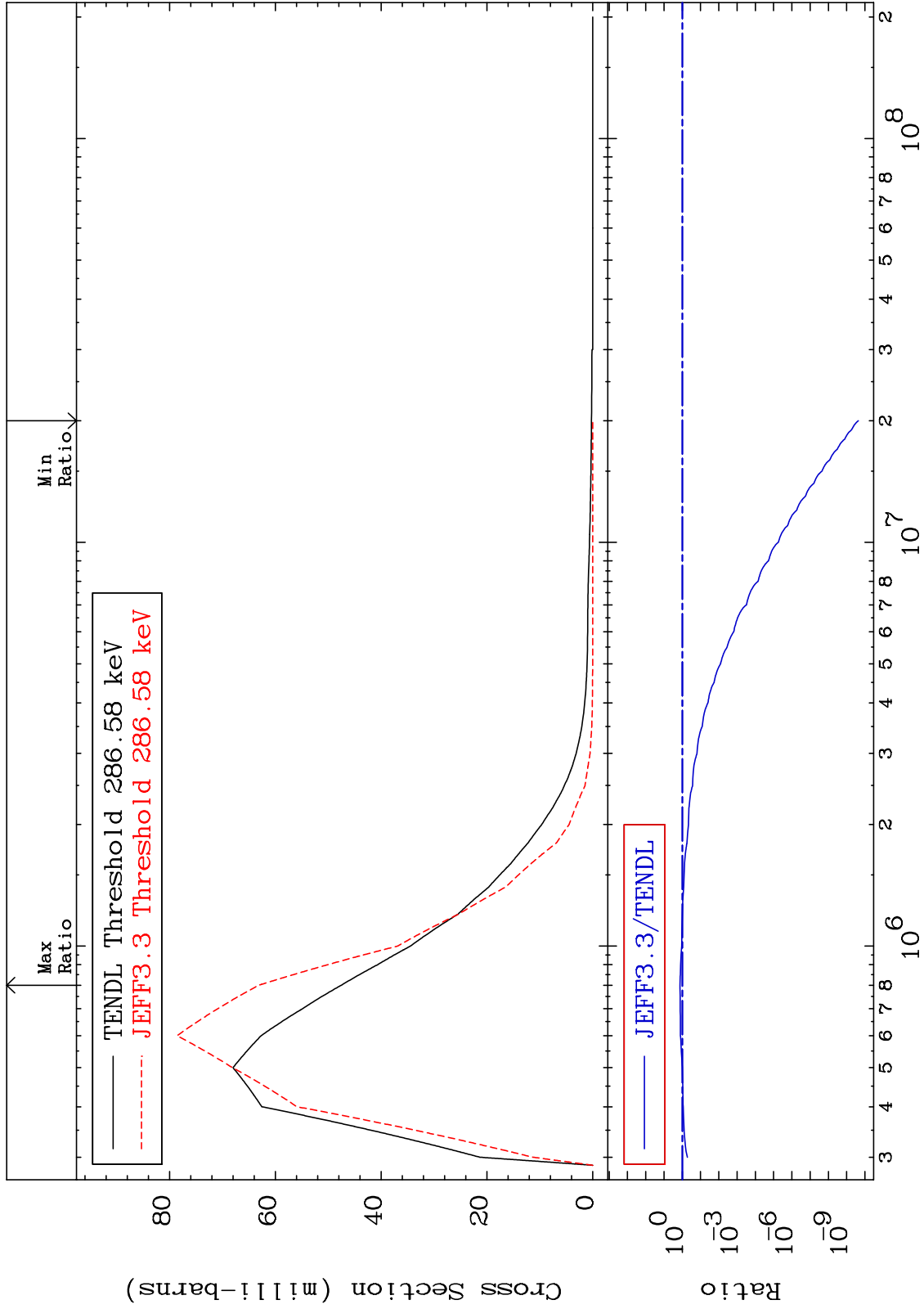
MAT 9646 MT= 55 (n,n') Level Cross Section 96-Cm-247 -100.0 To 45.20 %



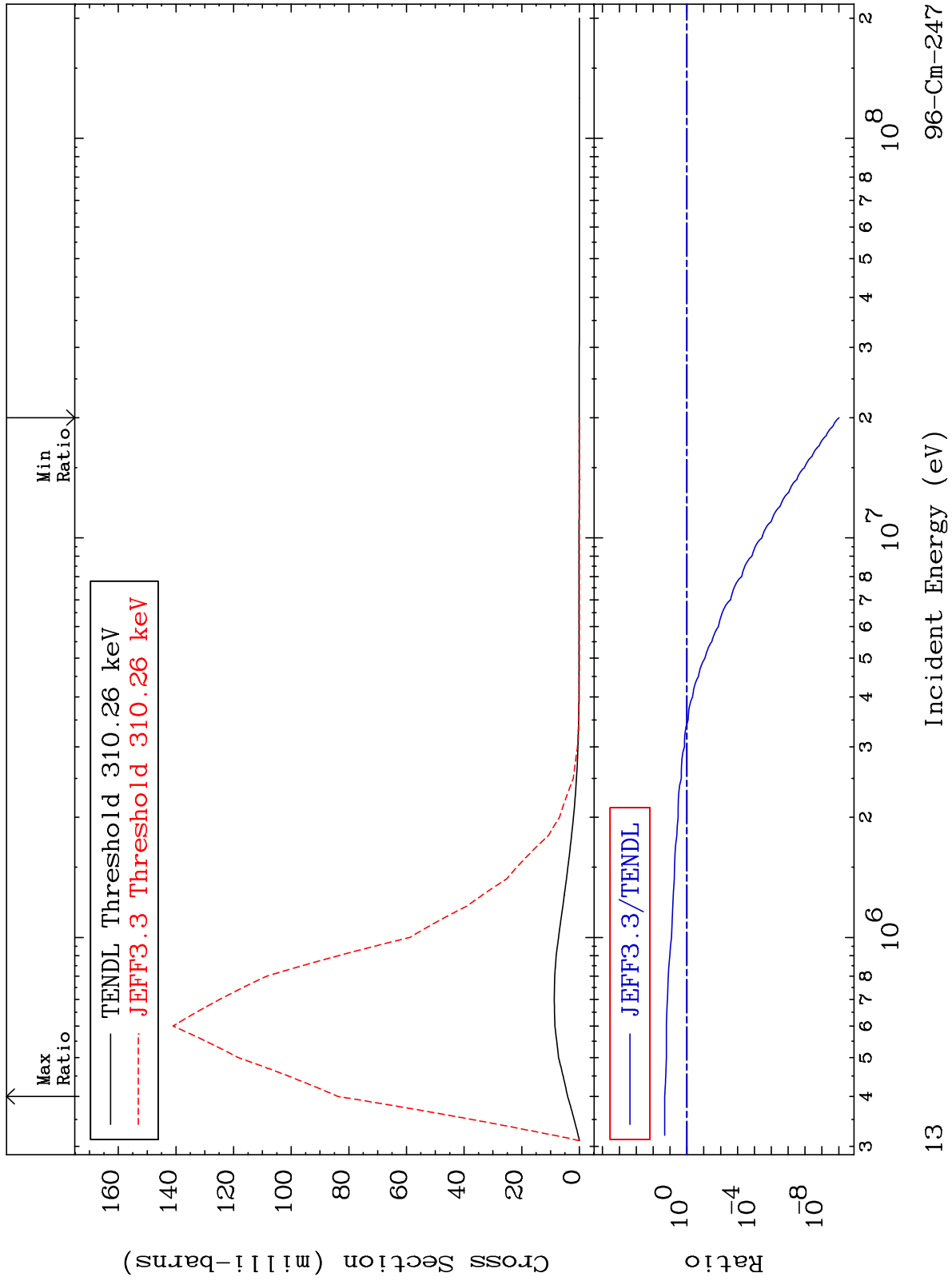
MAT 9646

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

96-Cm-247  
-100.0 To 32.78 %



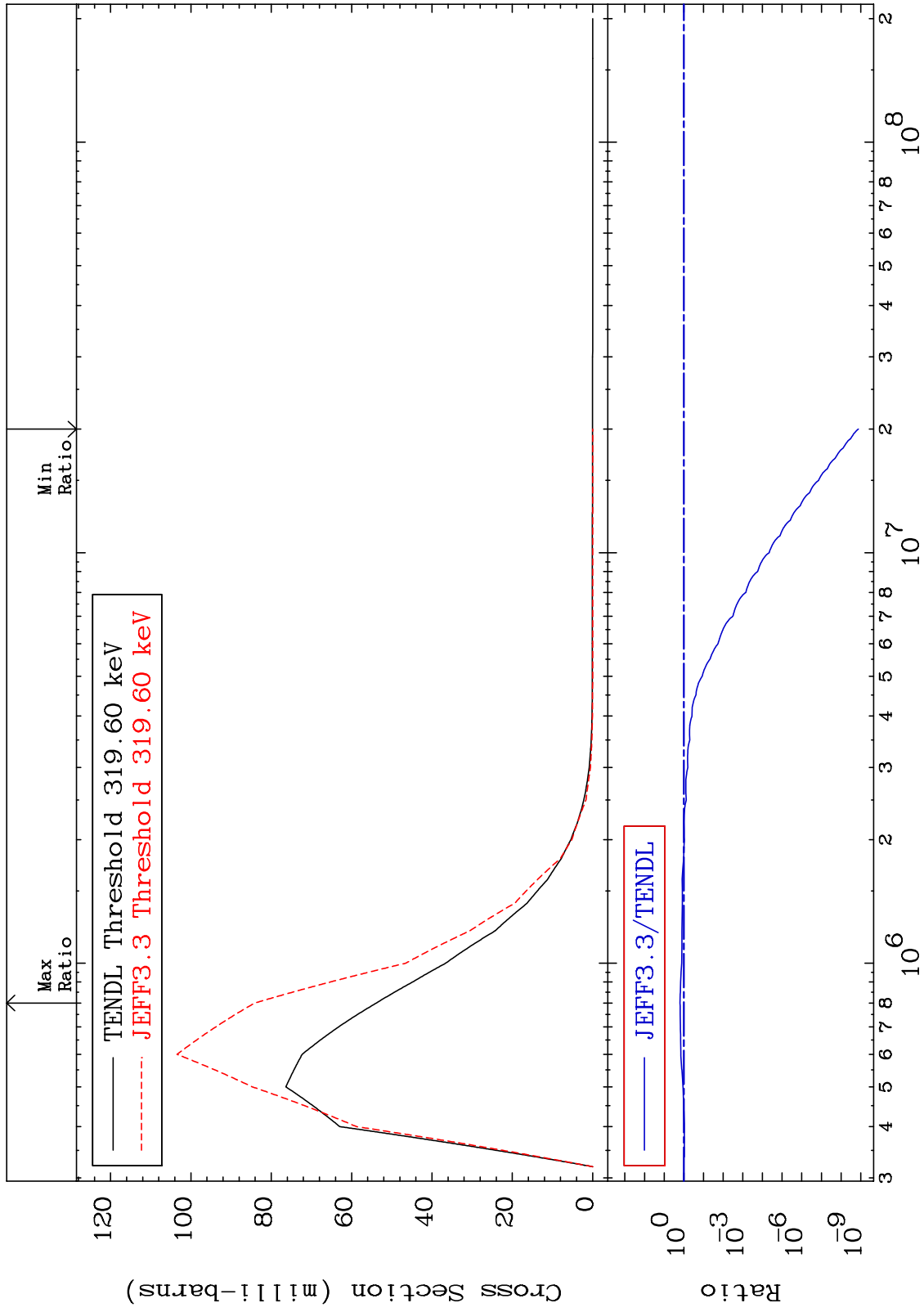
MAT 9646      MT= 57 (n,n') Level      96-Cm-247  
 Cross Section      -100.0 To 1953. %



MAT 9646

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

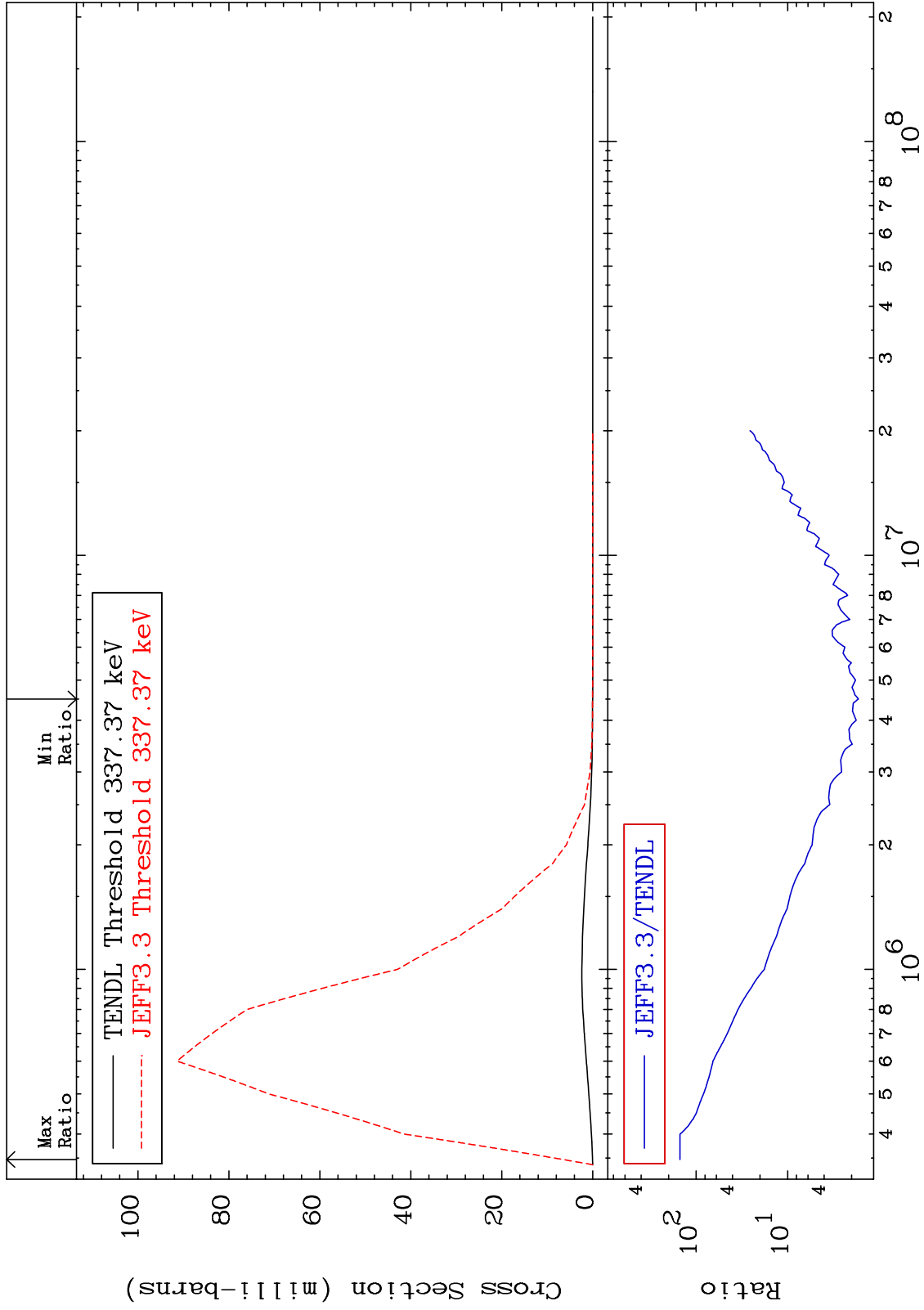
96-Cm-247  
-100.0 To 56.20 %



MAT 9646

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

96-Cm-247  
68.58 To 9999. %

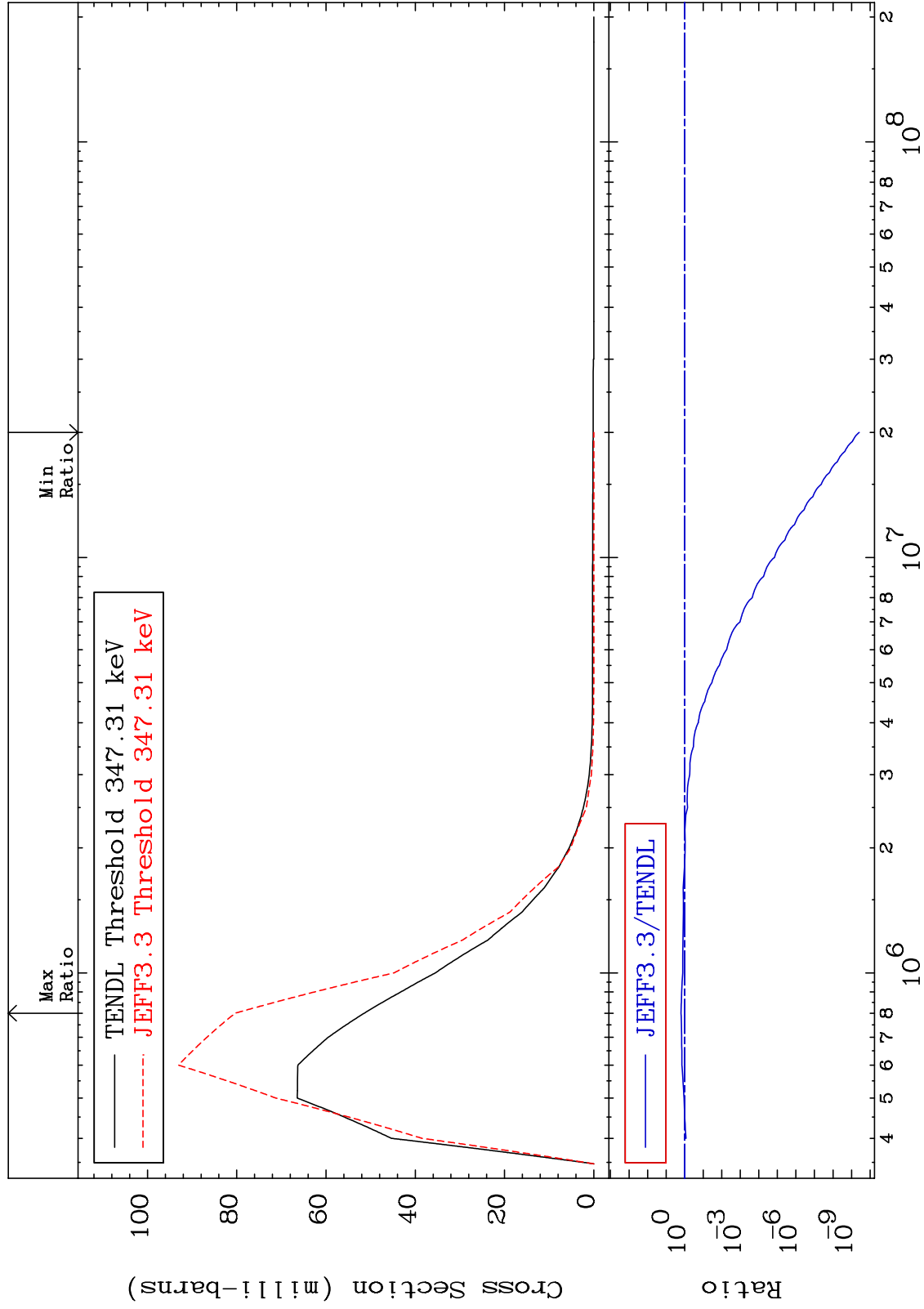




MAT 9646

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

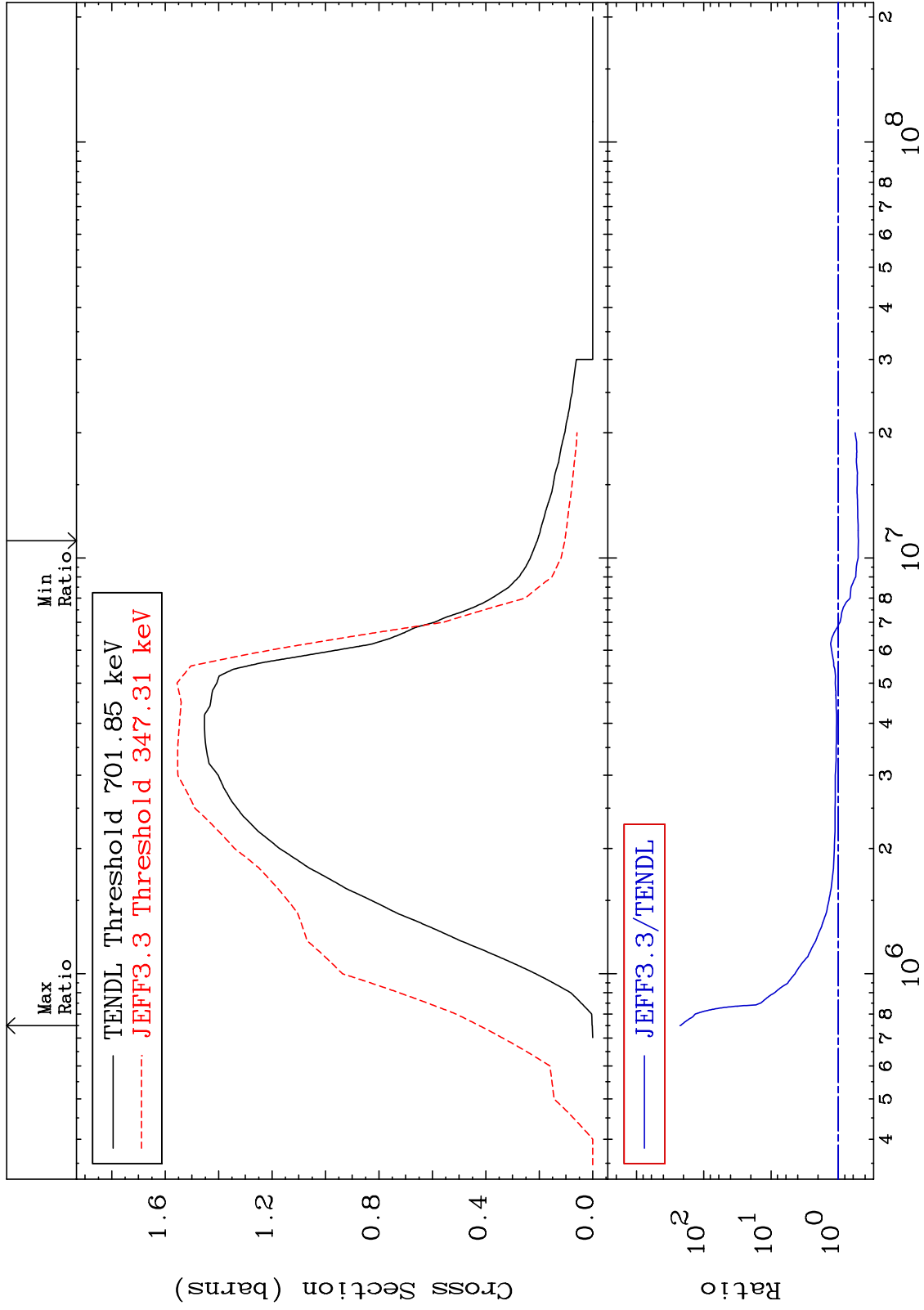
96-Cm-247  
-100.0 To 56.17 %



MAT 9646

(n,n') Continuum  
Cross Section

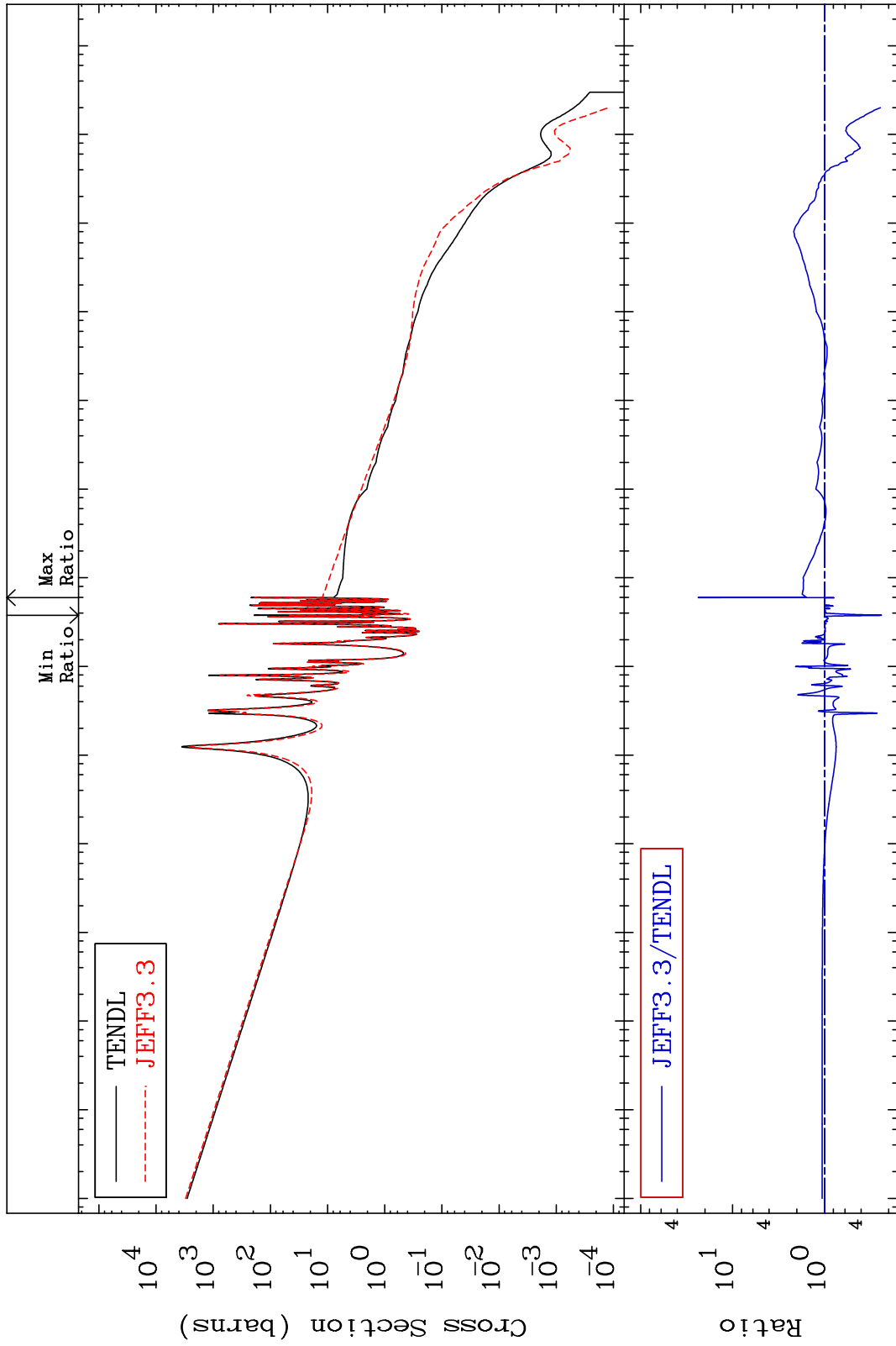
96-Cm-247  
-49.82 To 9999. %



MAT 9646

(n,  $\gamma$ )  
Cross Section

96-Cm-247  
-76.04 To 2256. %



96-Cm-247

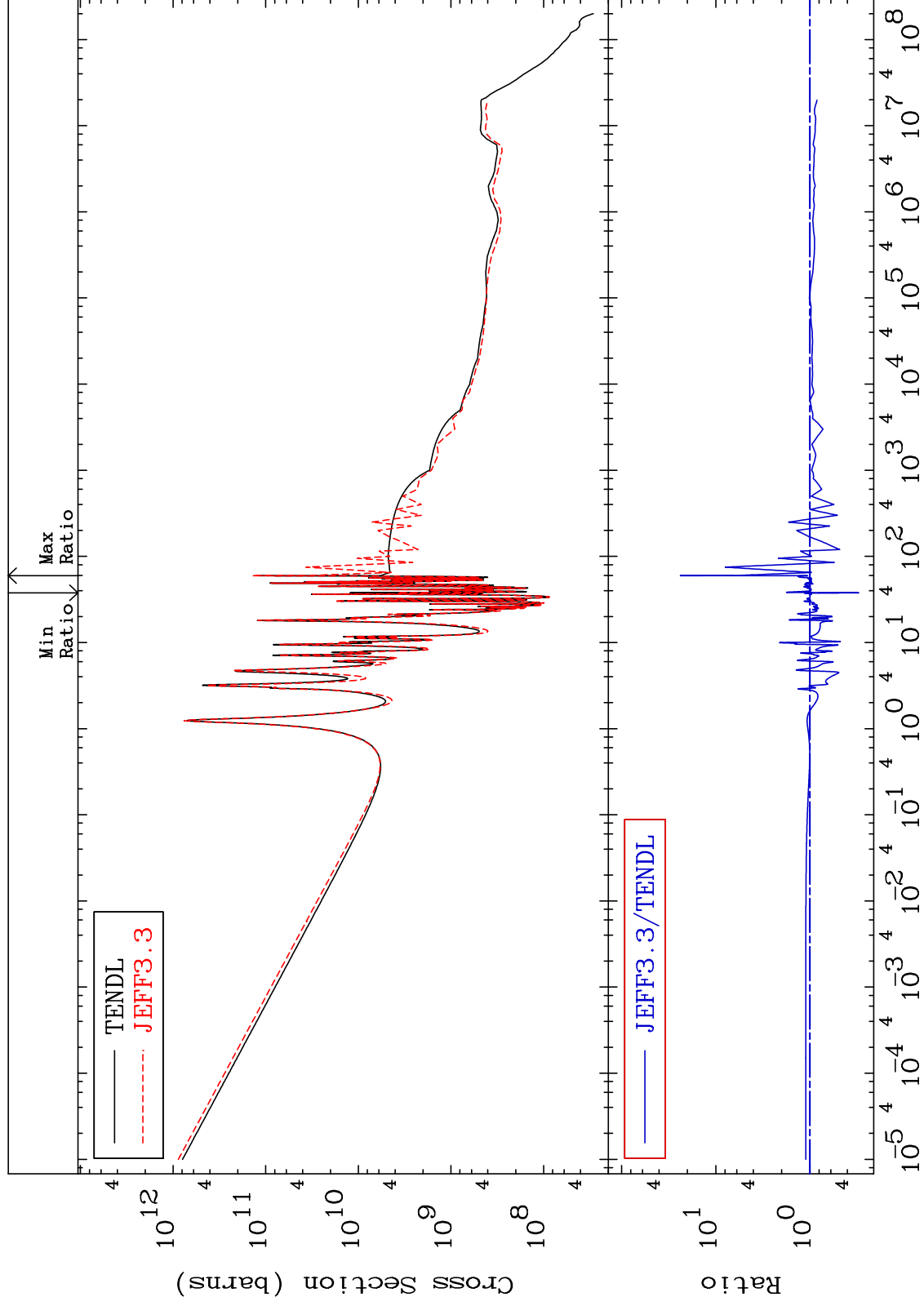
Incident Energy (eV)

18

MAT 9646

Kerma total (eV-barns)  
Cross Section

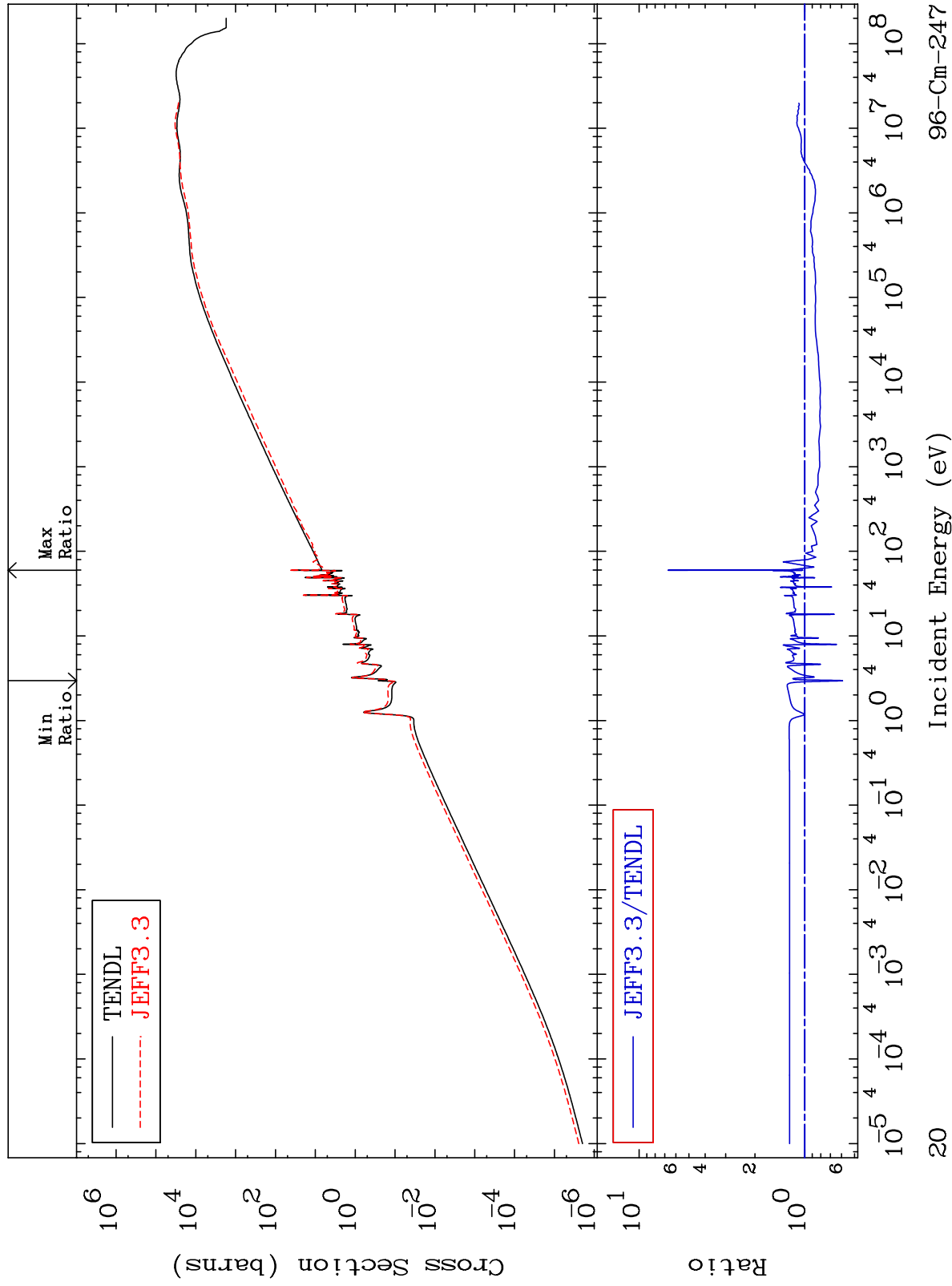
96-Cm-247  
-69.48 To 2273. %



MAT 9646

Kerma elastic  
Cross Section

96-Cm-247  
-41.16 To 569.4 %



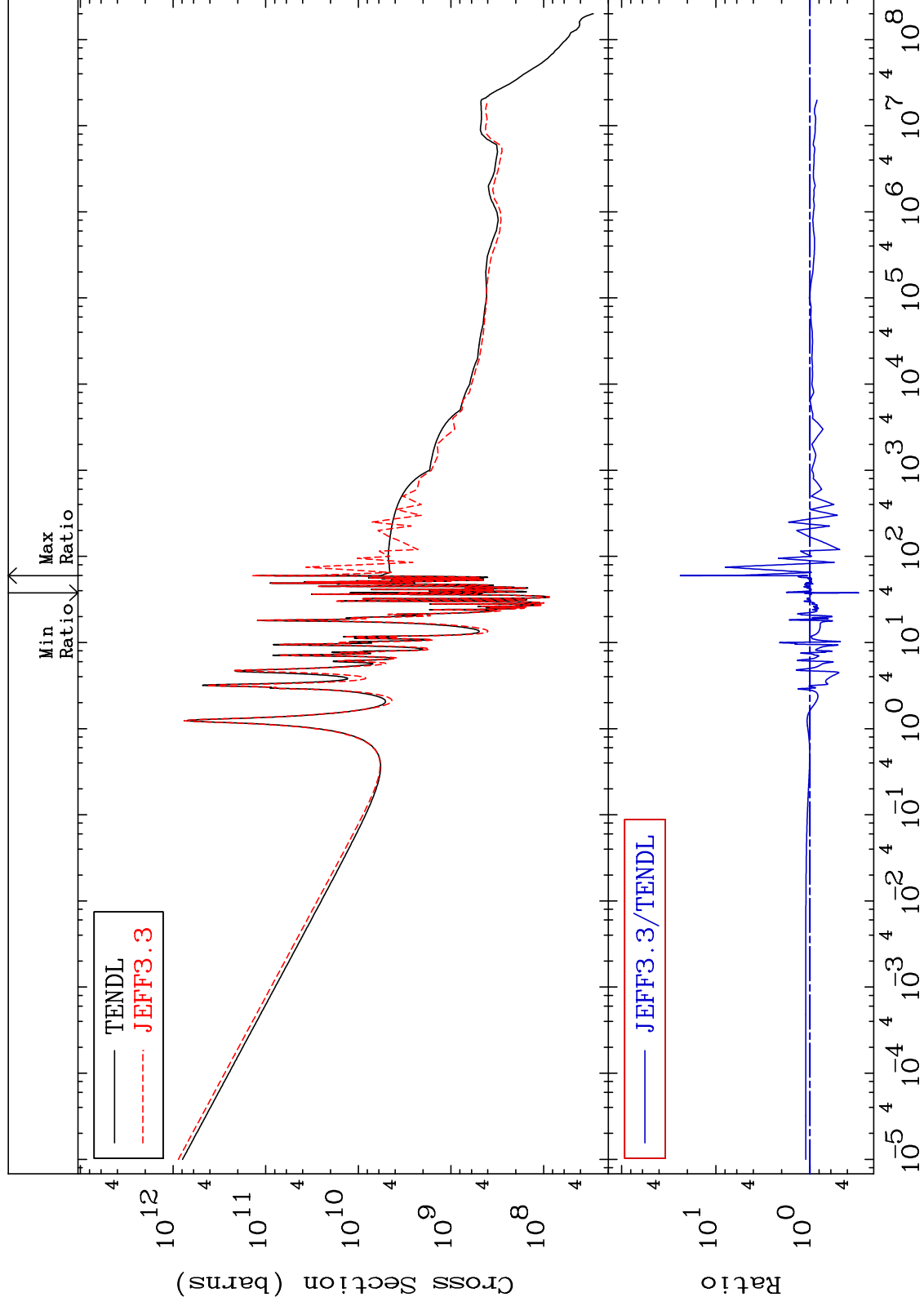
MAT 9646

Kerma non-elastic (all but mt2)

96-Cm-247

-69.48 To 2273. %

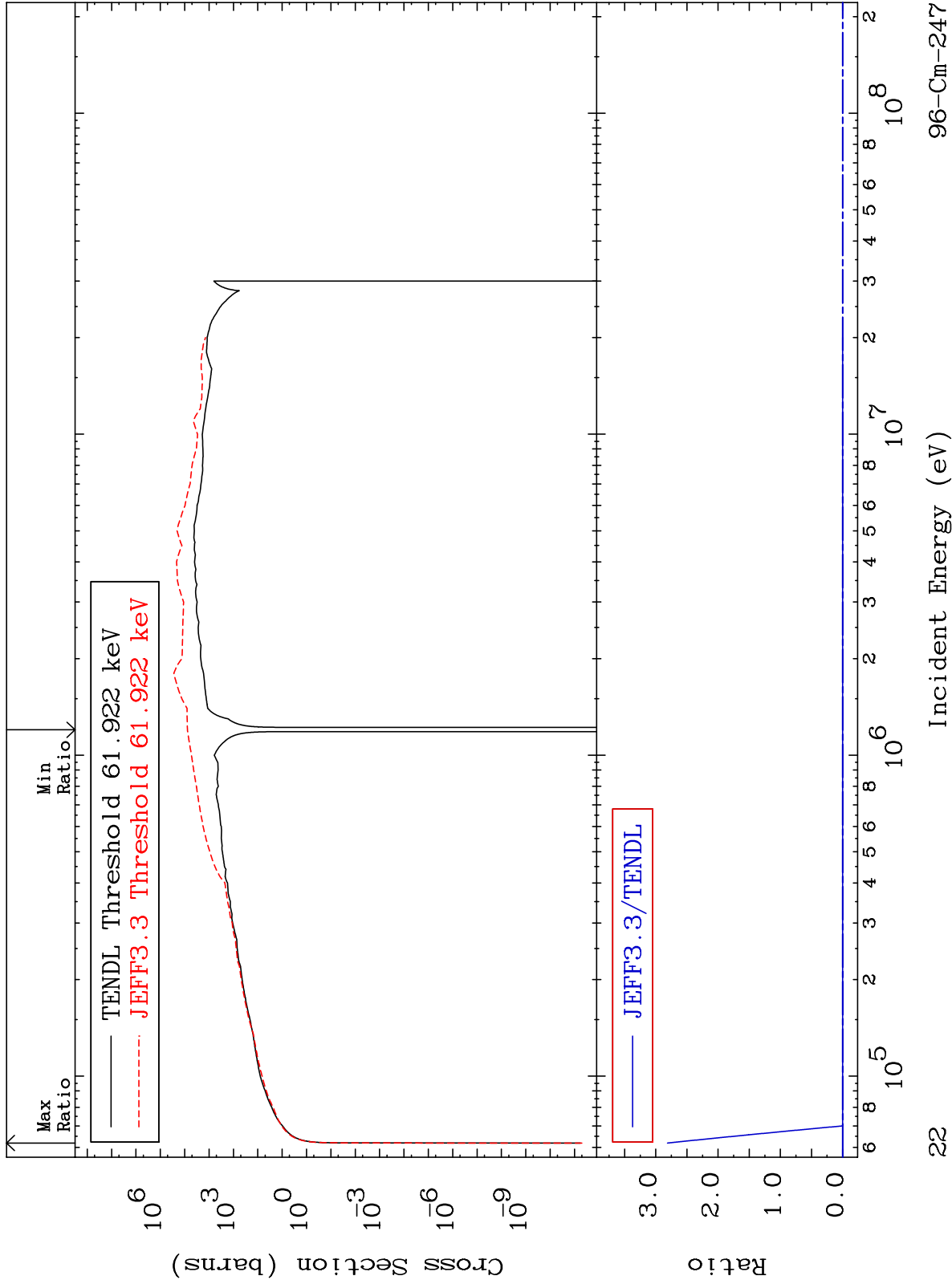
Cross Section



MAT 9646

Kerma inelastic (mt51-91)  
Cross Section

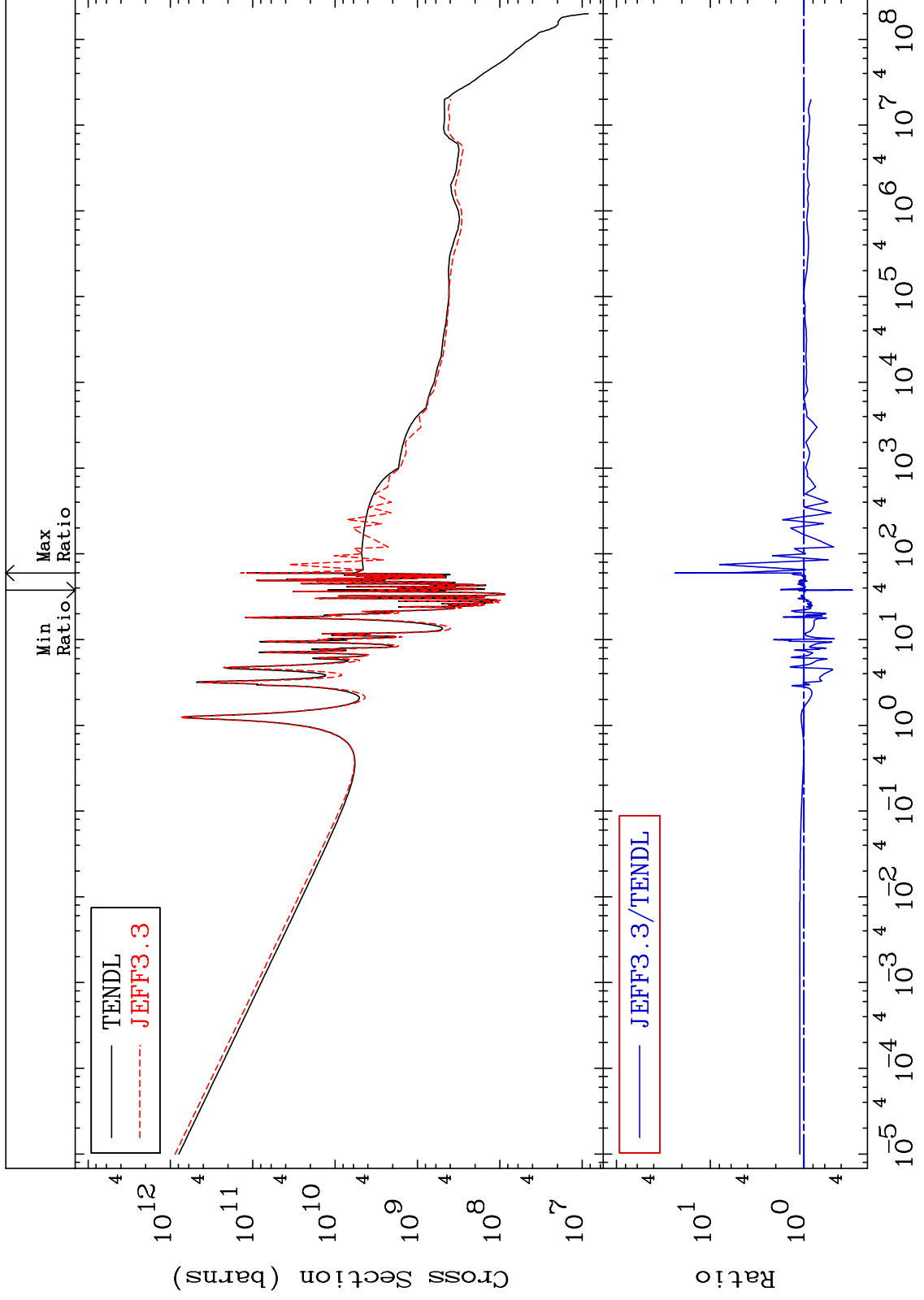
96-Cm-247  
-9999. To 9999. %



MAT 9646

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

96-Cm-247  
-69.48 To 2273. %

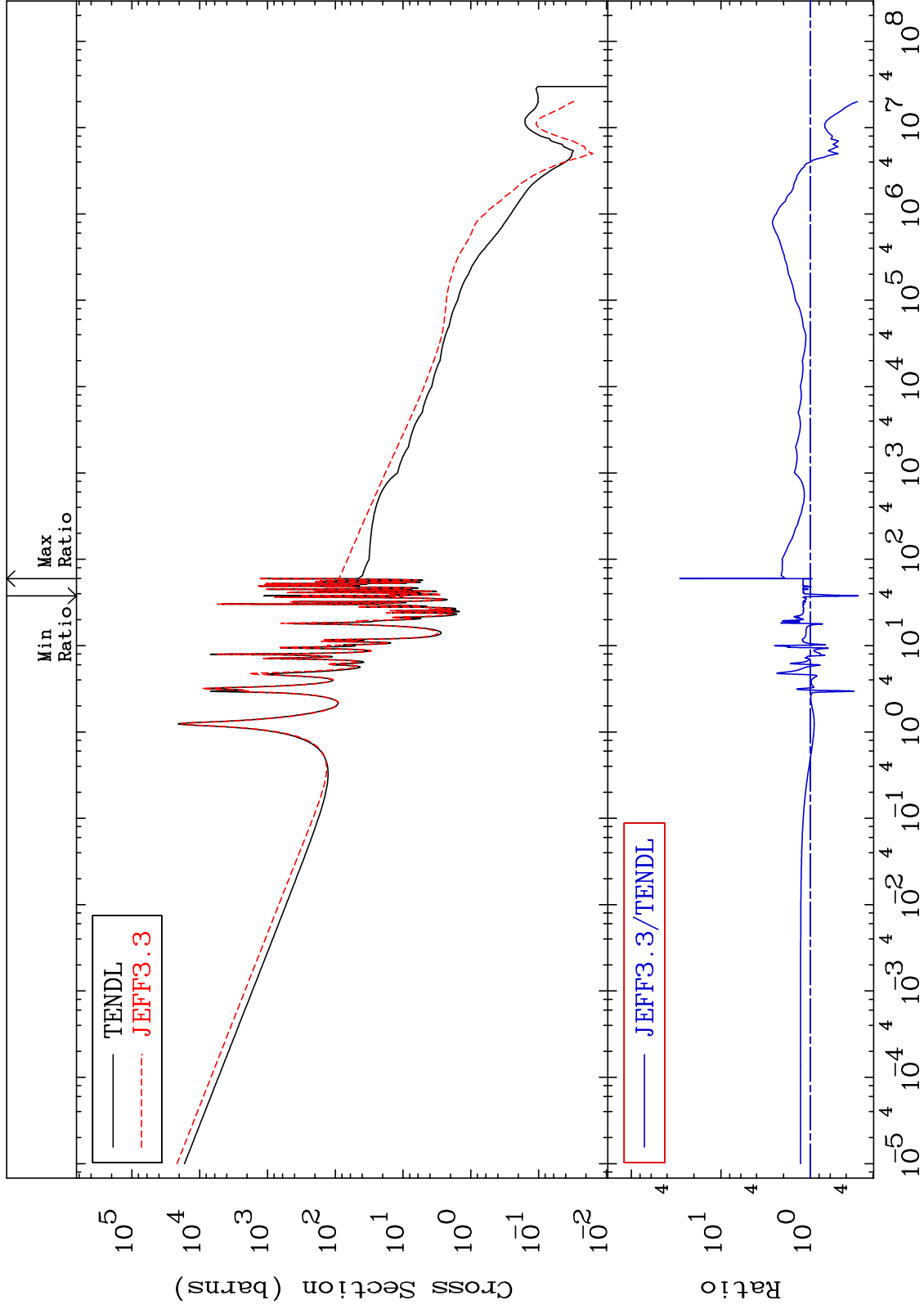




MAT 9646

Kerma capture (mt102)  
Cross Section

96-Cm-247  
-70.88 To 2763. %



24

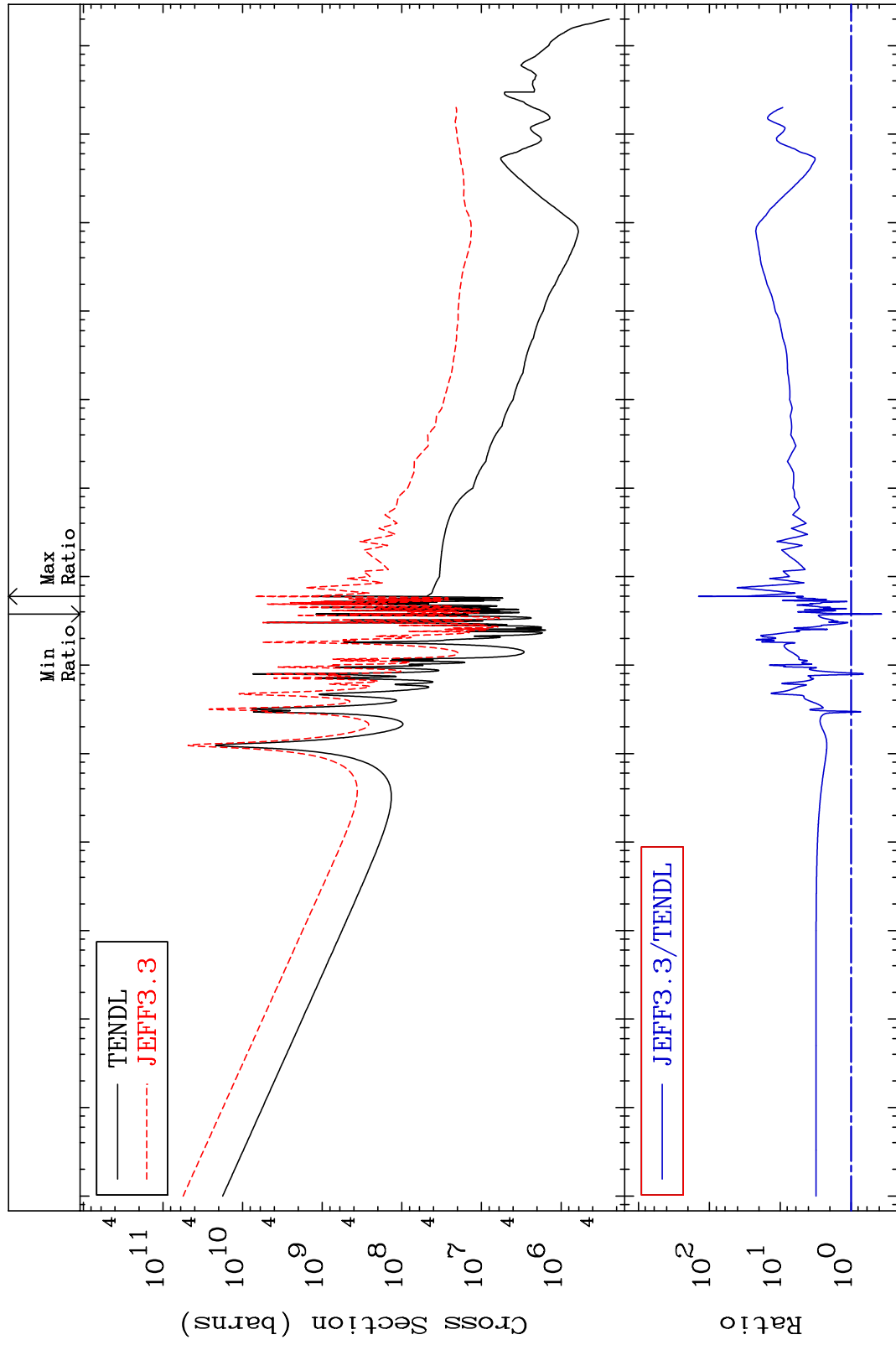
Incident Energy (eV)

96-Cm-247

MAT 9646

Total photon (eV-barns)  
Cross Section

96-Cm-247  
-62.75 To 9999. %



25

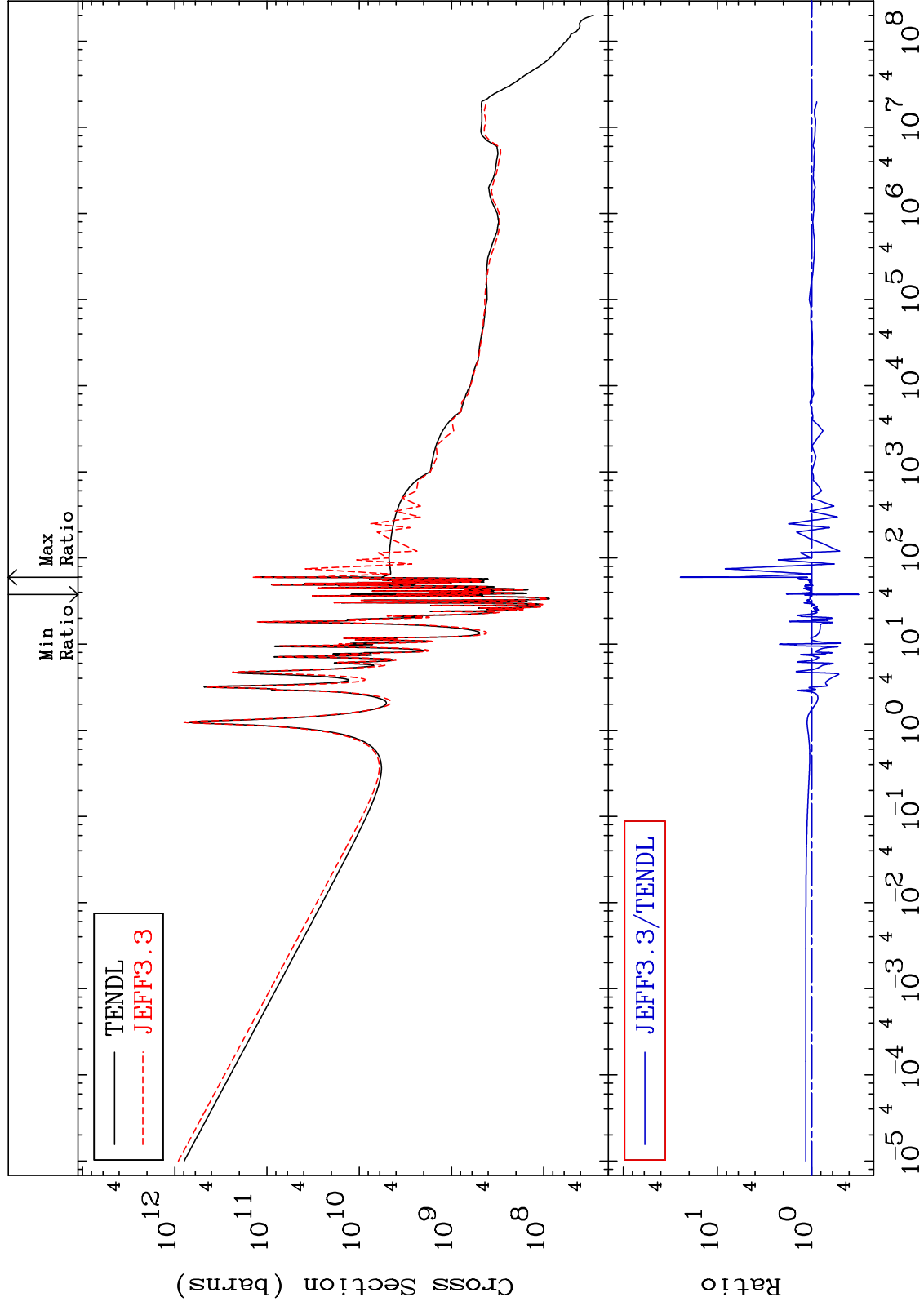
Incident Energy (eV)

96-Cm-247

MAT 9646

Total kinematic kerma (high limit)  
Cross Section

96-Cm-247  
-68.20 To 2373. %



26

Incident Energy (eV)

96-Cm-247

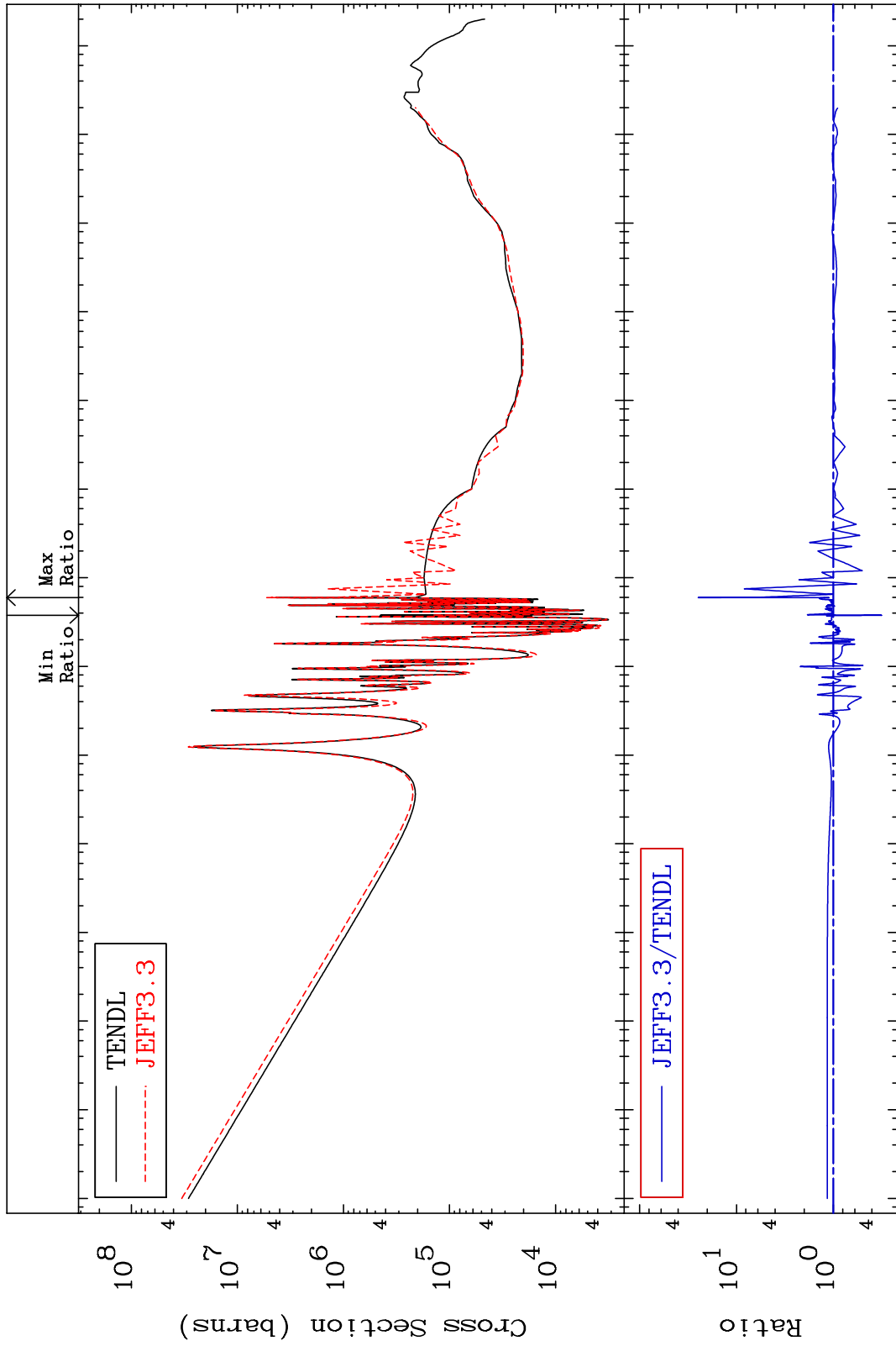
MAT 9646

Dpa total (eV-barns)

96-Cm-247

-68.18 To 2374. %

Cross Section



27

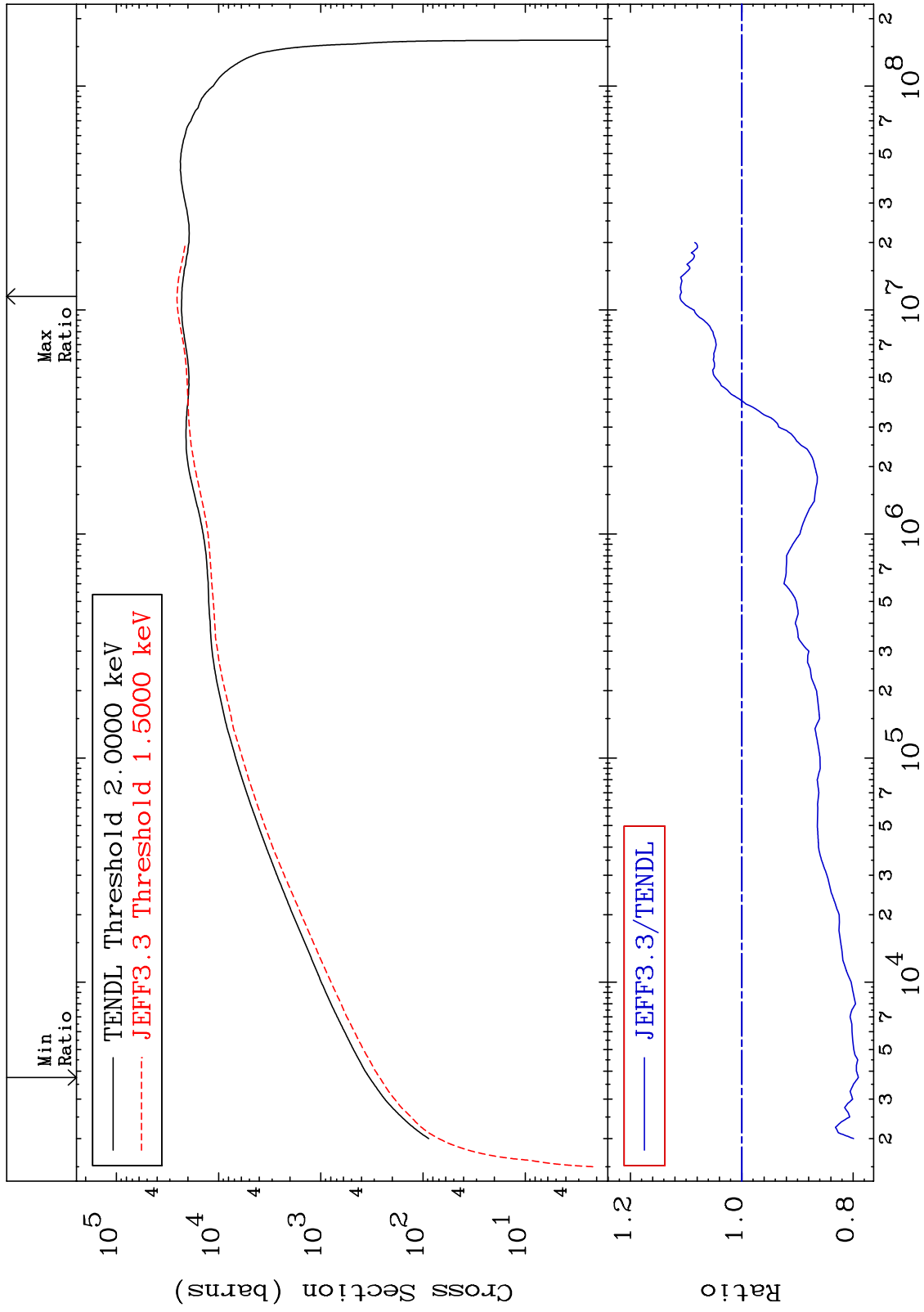
Incident Energy (eV)

96-Cm-247

MAT 9646

Dpa elastic (mt2)  
Cross Section

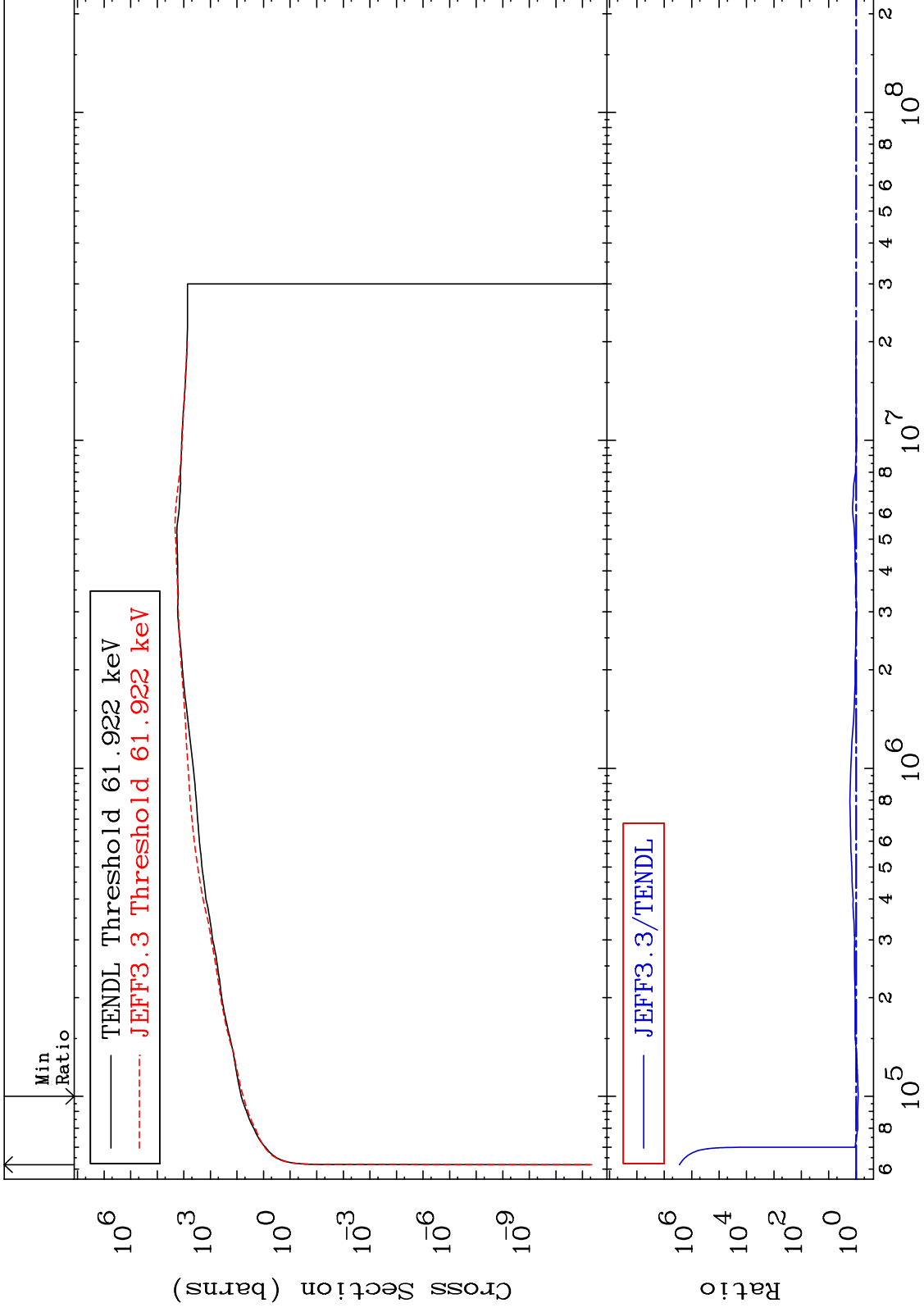
96-Cm-247  
-20.96 To 11.10 %



MAT 9646

Dpa inelastic (mt51-91)  
Cross Section

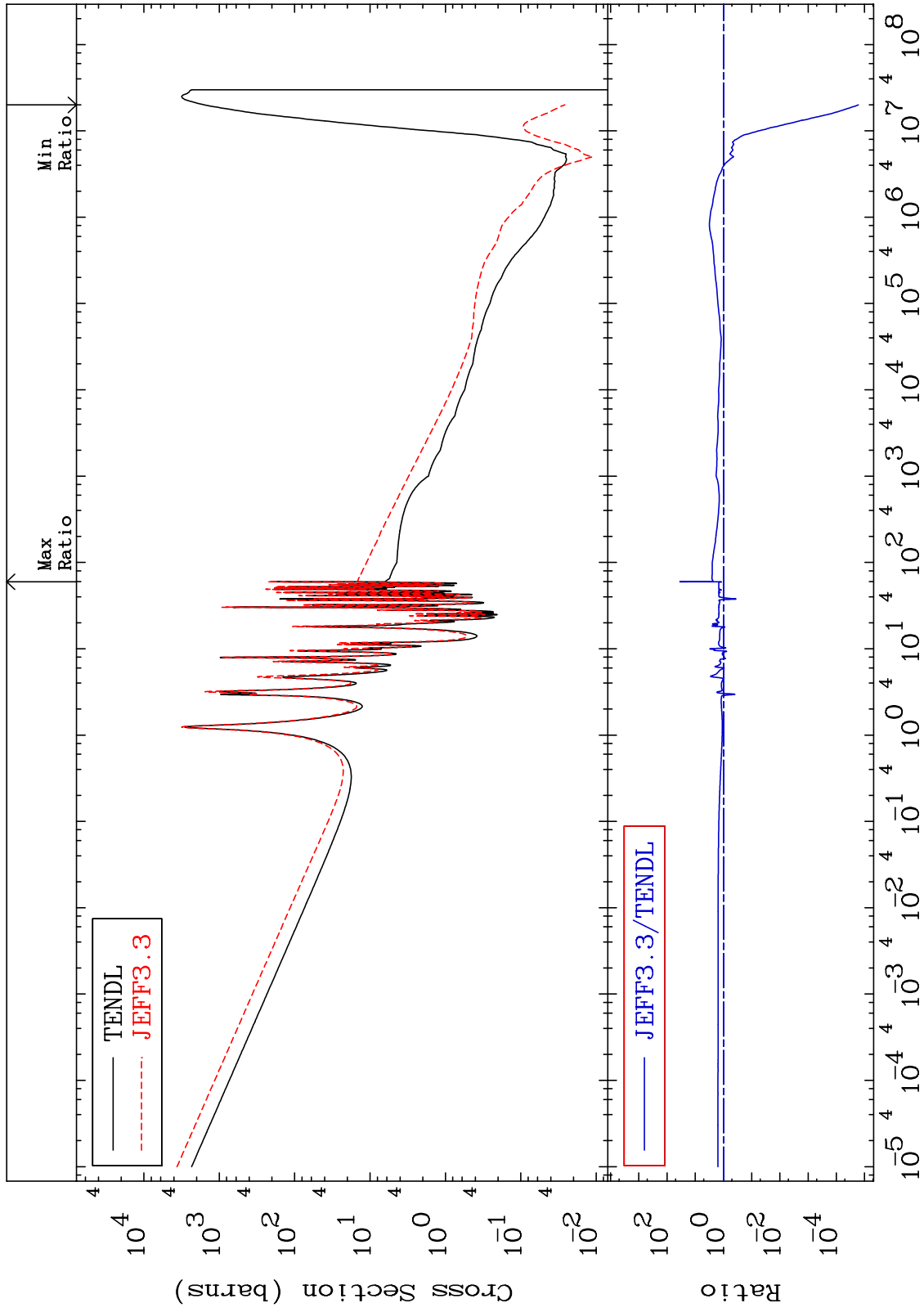
96-Cm-247  
-16.04 To 9999. %



MAT 9646

Dpa disappearance (mt102 -120)  
Cross Section

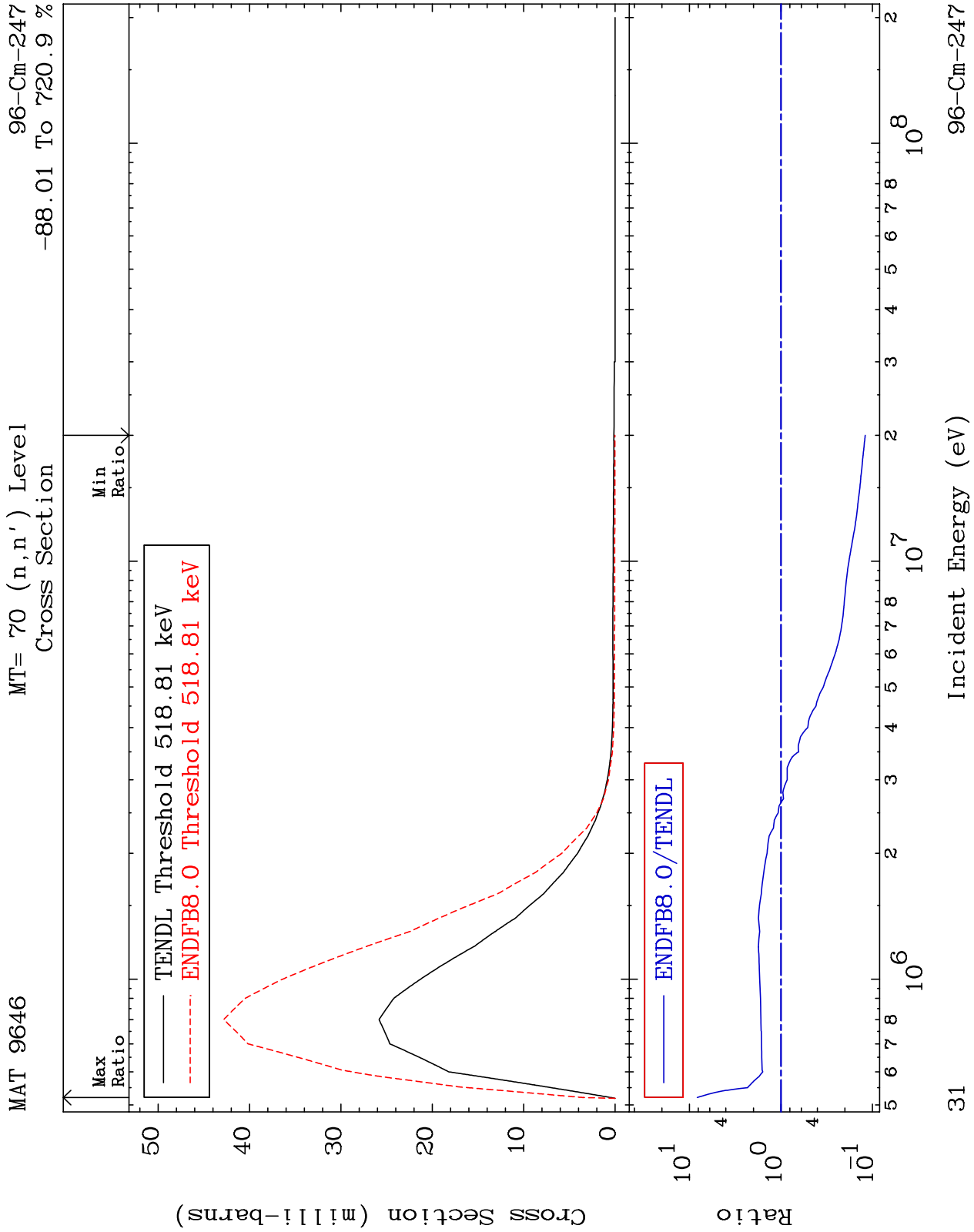
96-Cm-247  
-100.0 To 3367. %



30

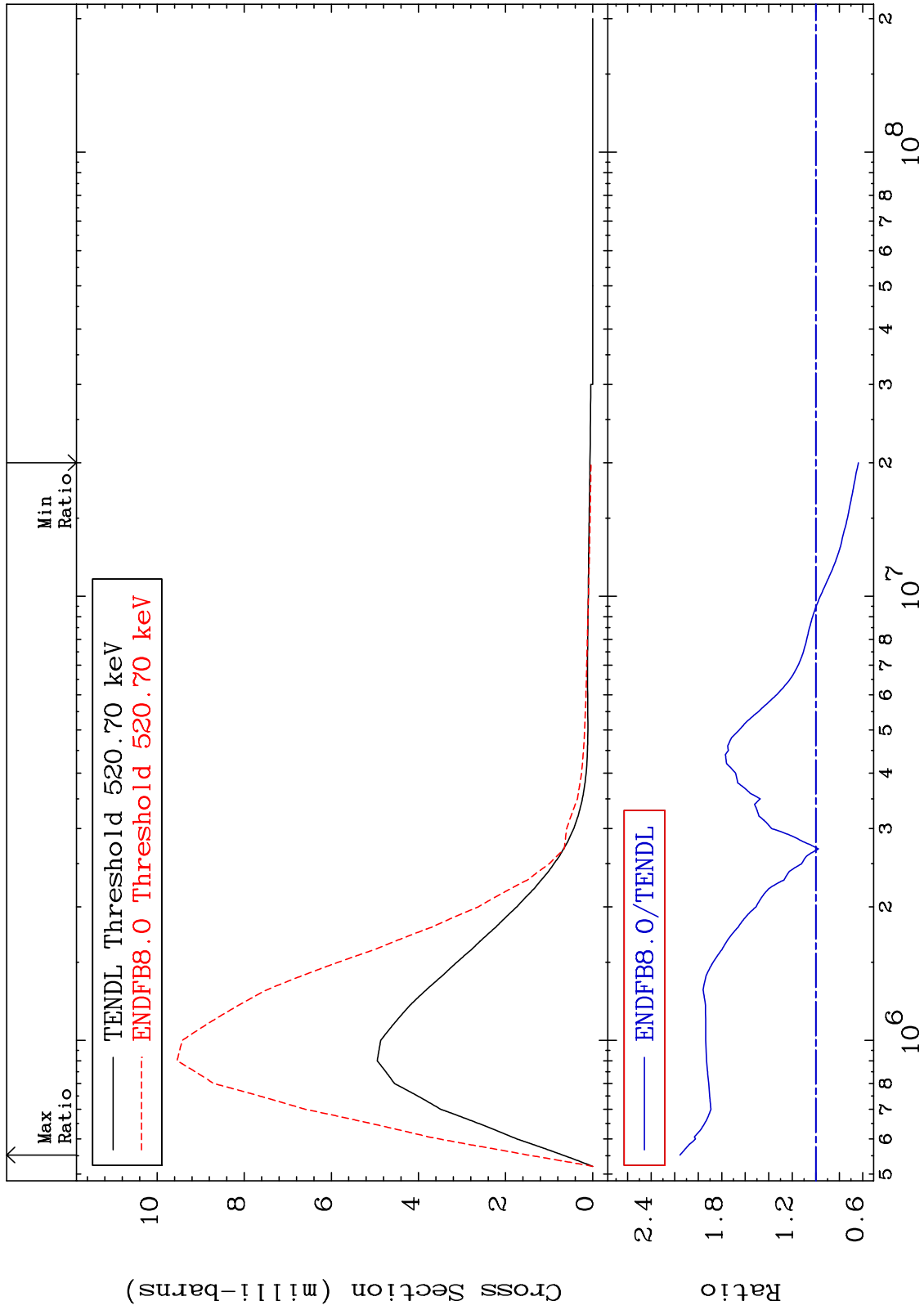
Incident Energy (eV)

96-Cm-247

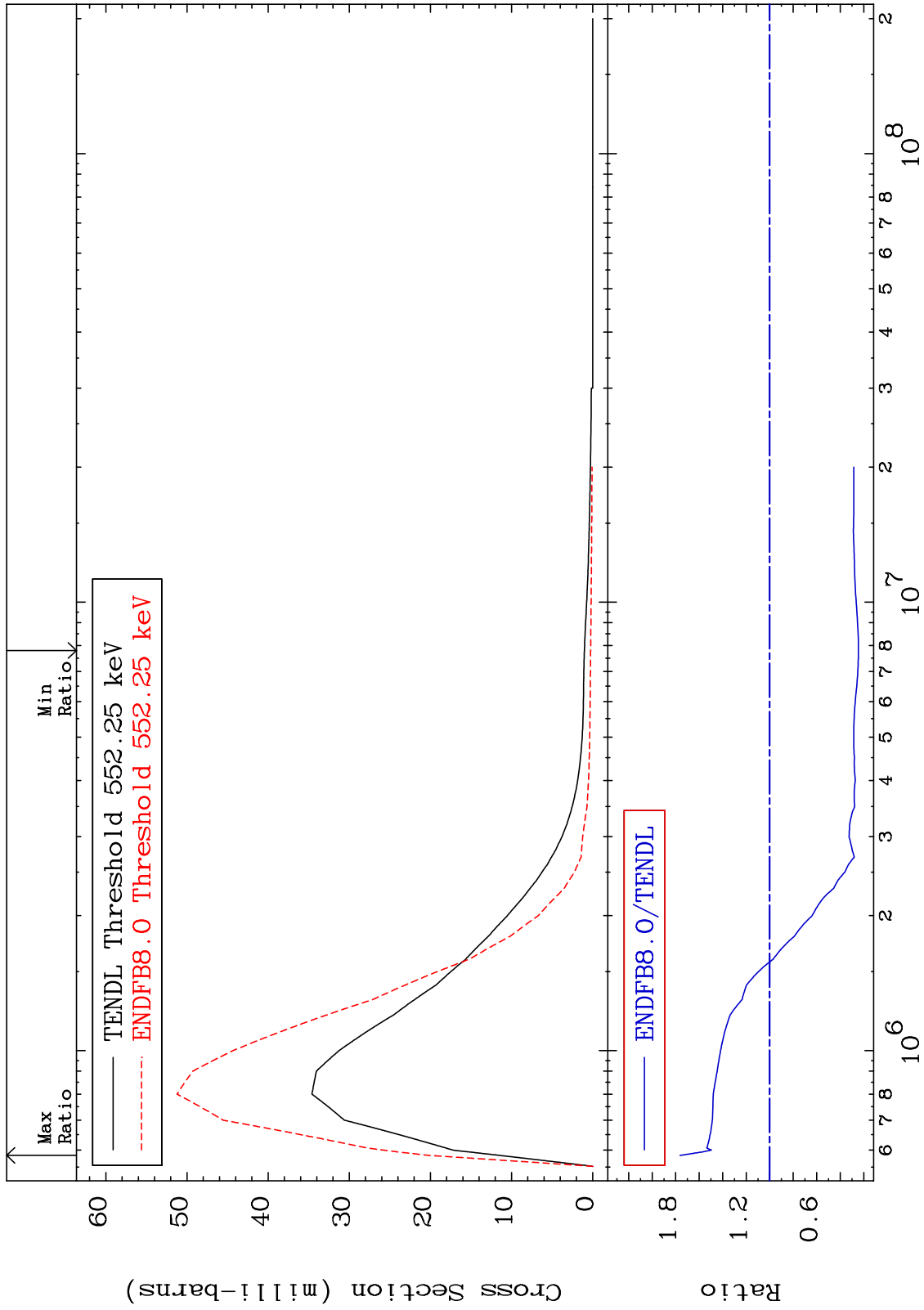




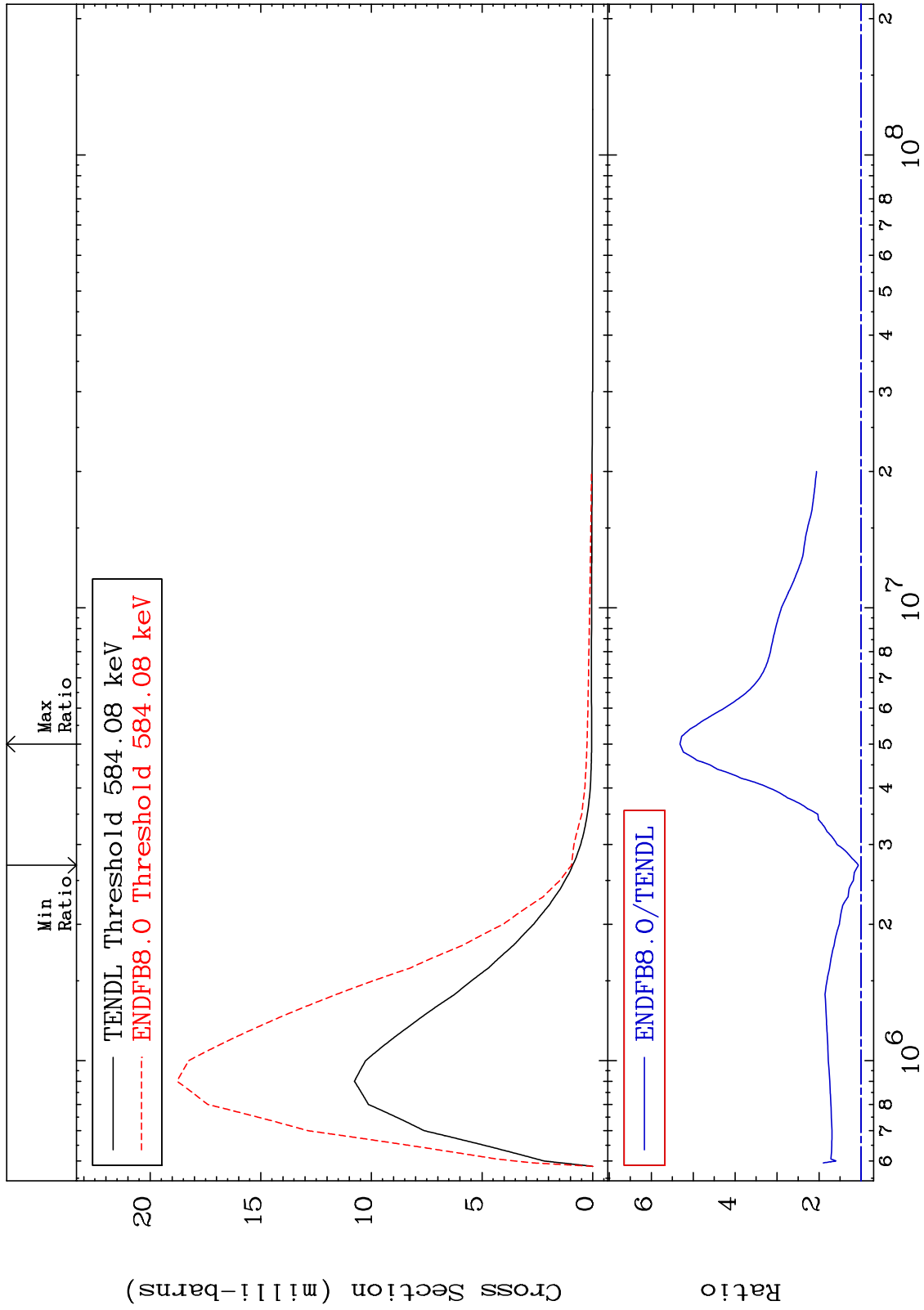
MAT 9646 MT= 71 (n,n') Level Cross Section 96-Cm-247 -36.27 To 115.5 %



MAT 9646 MT= 72 (n,n') Level Cross Section 96-Cm-247 -75.49 To 76.31 %



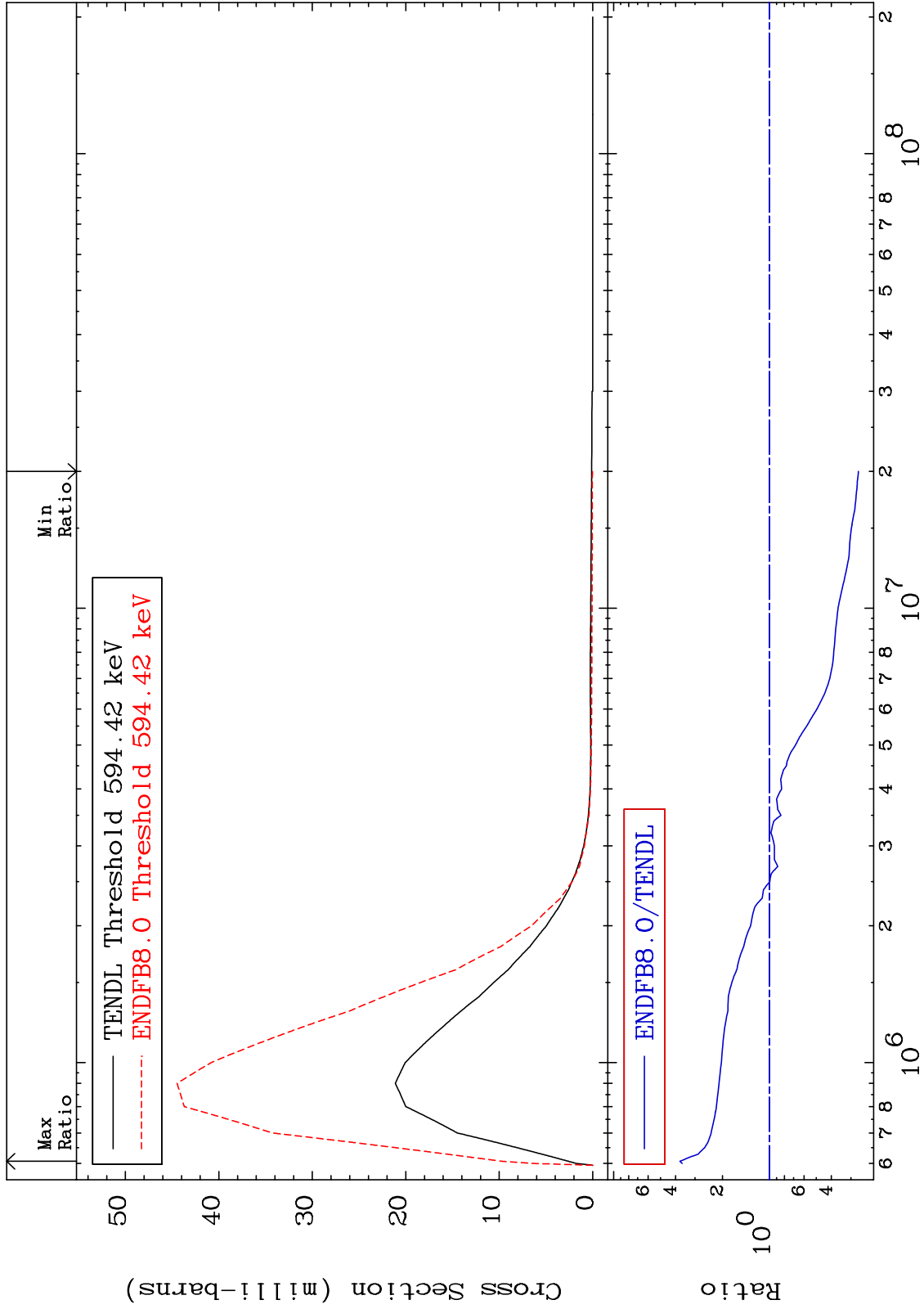
MAT 9646 MT= 73 (n,n') Level 96-Cm-247  
 Cross Section 6.076 To 431.5 %



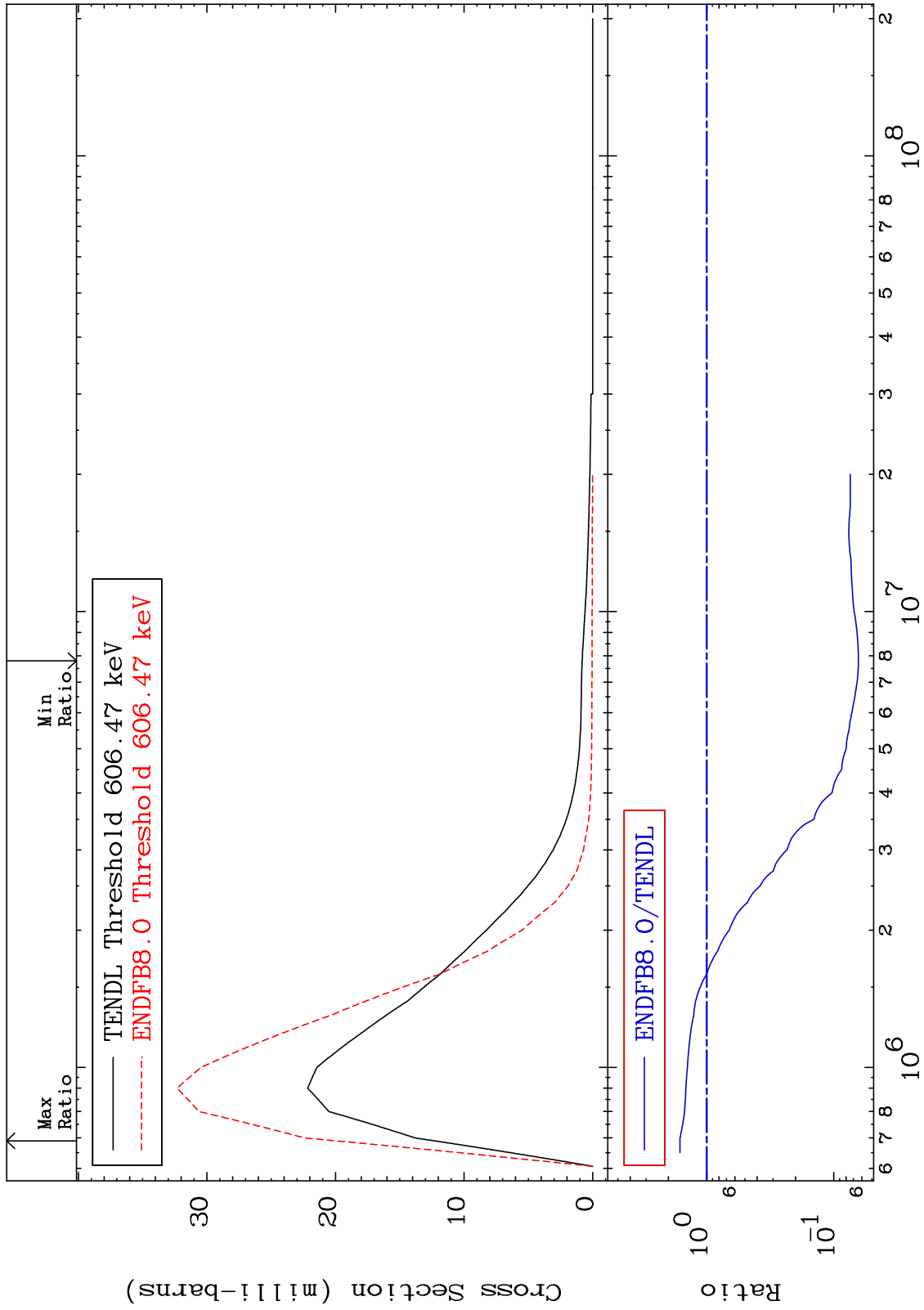
MAT 9646

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

96-Cm-247  
-73.15 To 274.6 %



MAT 9646 MT= 75 (n,n') Level  
Cross Section 96-Cm-247  
-93.60 To 62.18 %



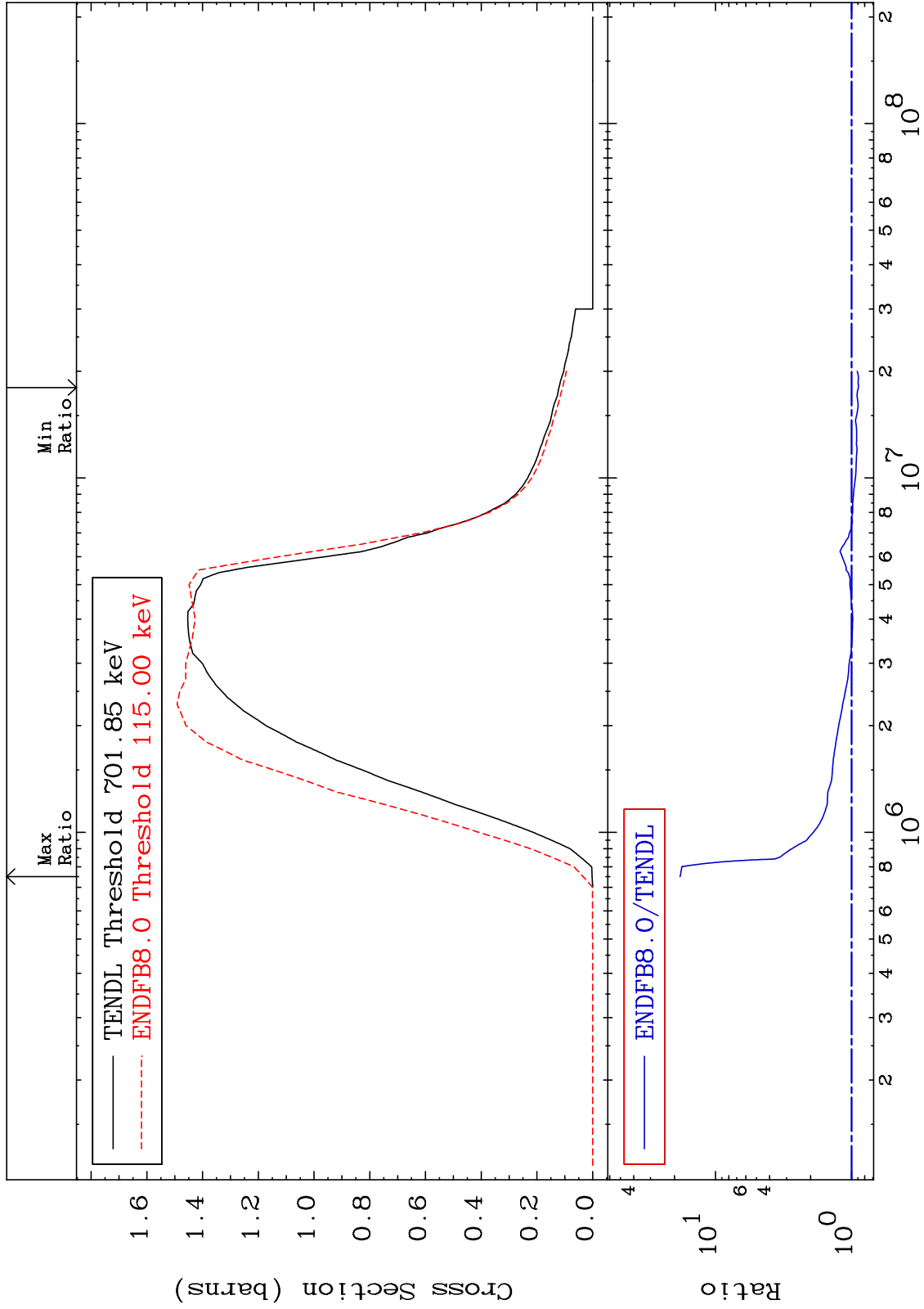
96-Cm-247

Incident Energy (eV)

MAT 9646

(n,n') Continuum  
Cross Section

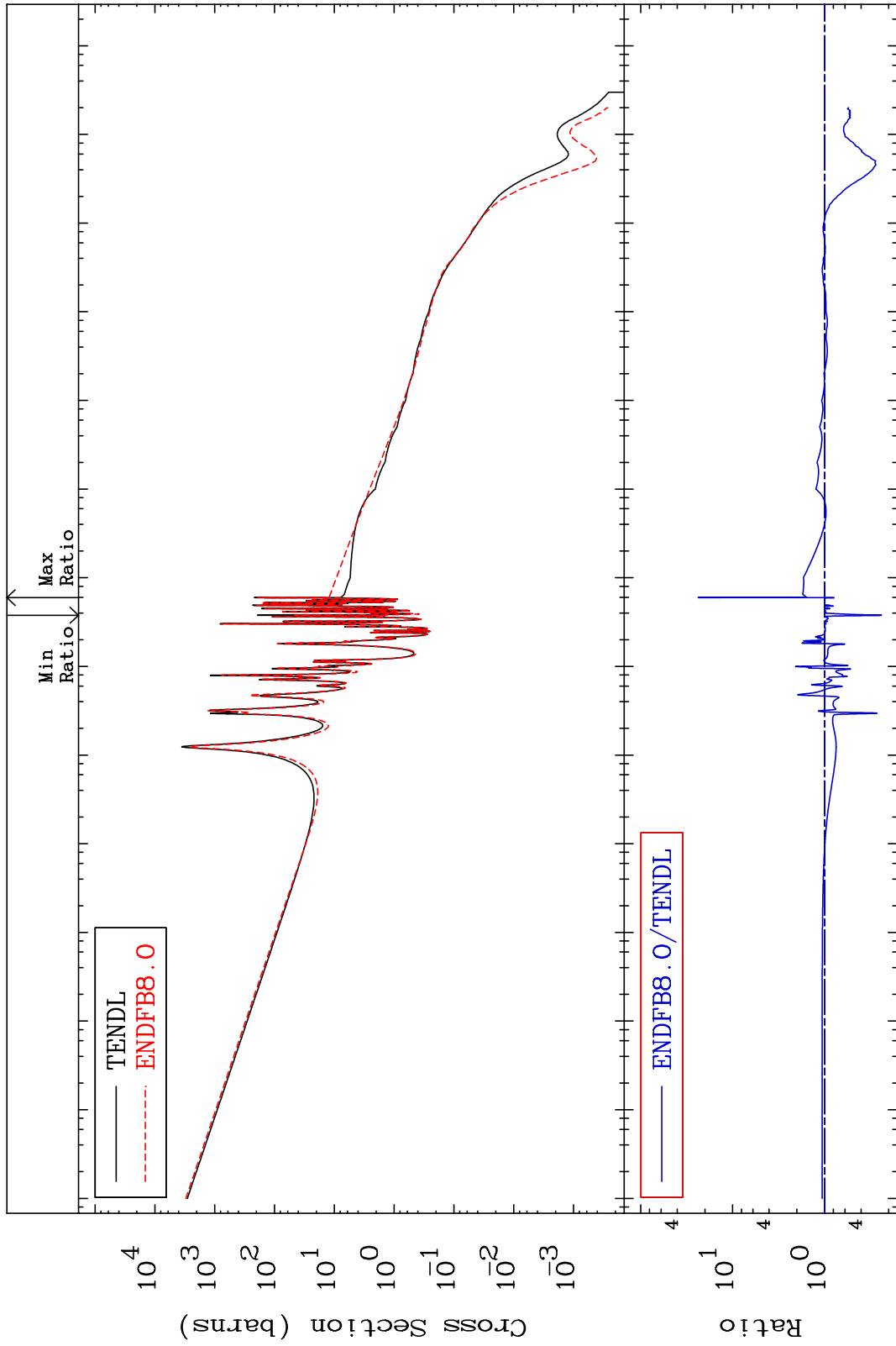
96-Cm-247  
-10.88 To 1724. %



MAT 9646

(n,  $\gamma$ )  
Cross Section

96-Cm-247  
-76.04 To 2256. %



38

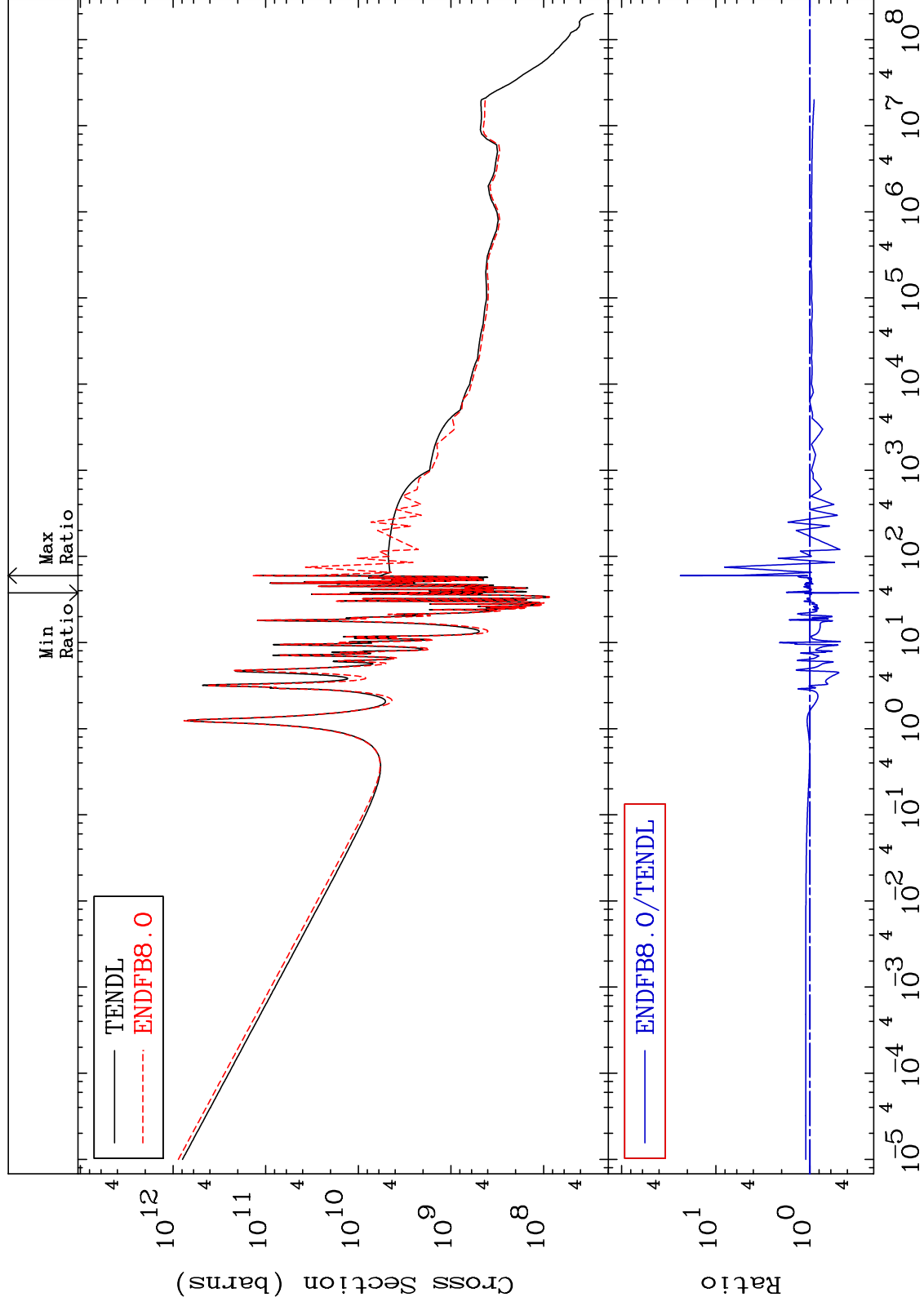
Incident Energy (eV)

96-Cm-247

MAT 9646

Kerma total (eV-barns)  
Cross Section

96-Cm-247  
-69.50 To 2272. %

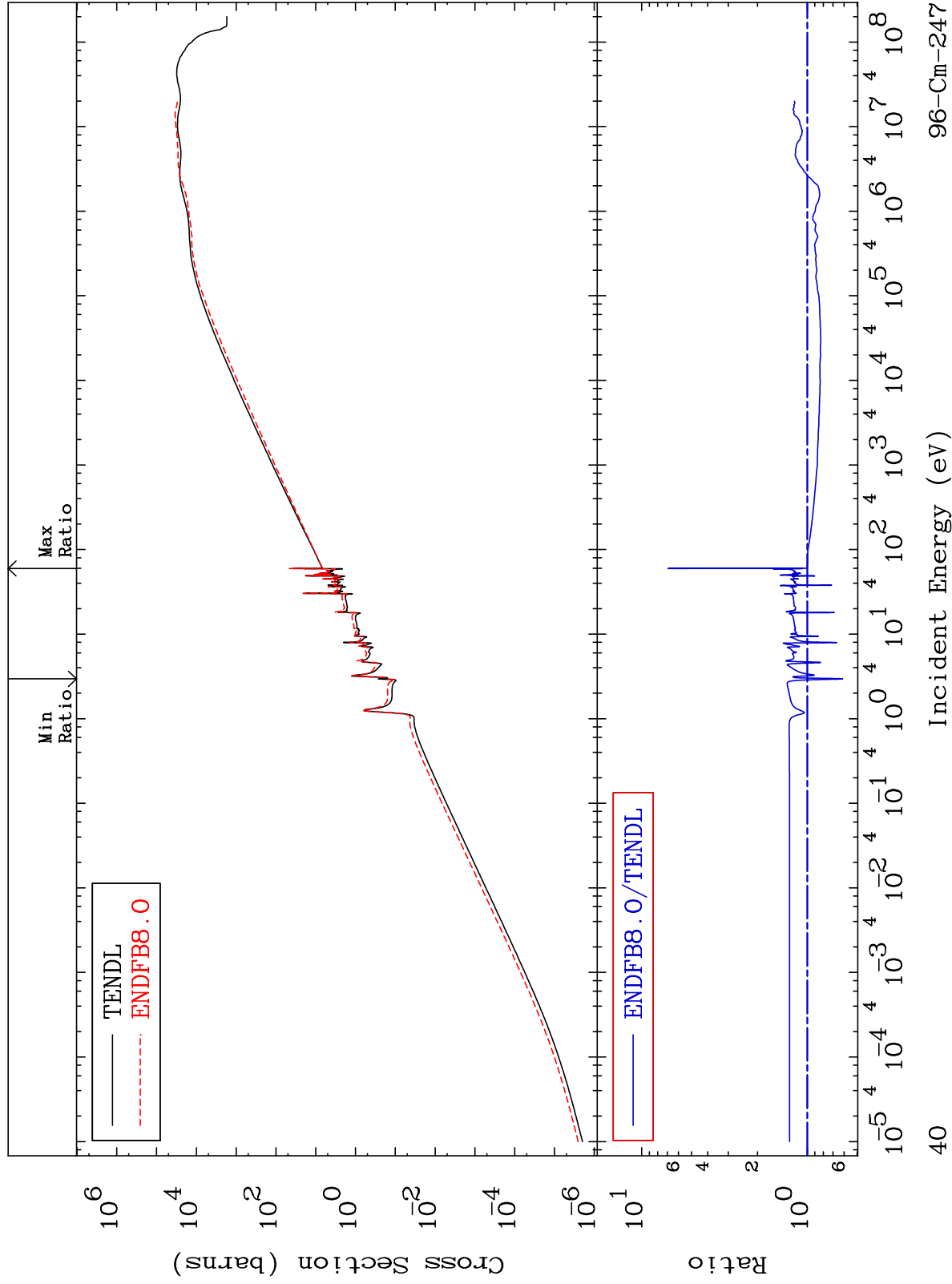




MAT 9646

Kerma elastic  
Cross Section

96-Cm-247  
-39.01 To 593.7 %



96-Cm-247

40

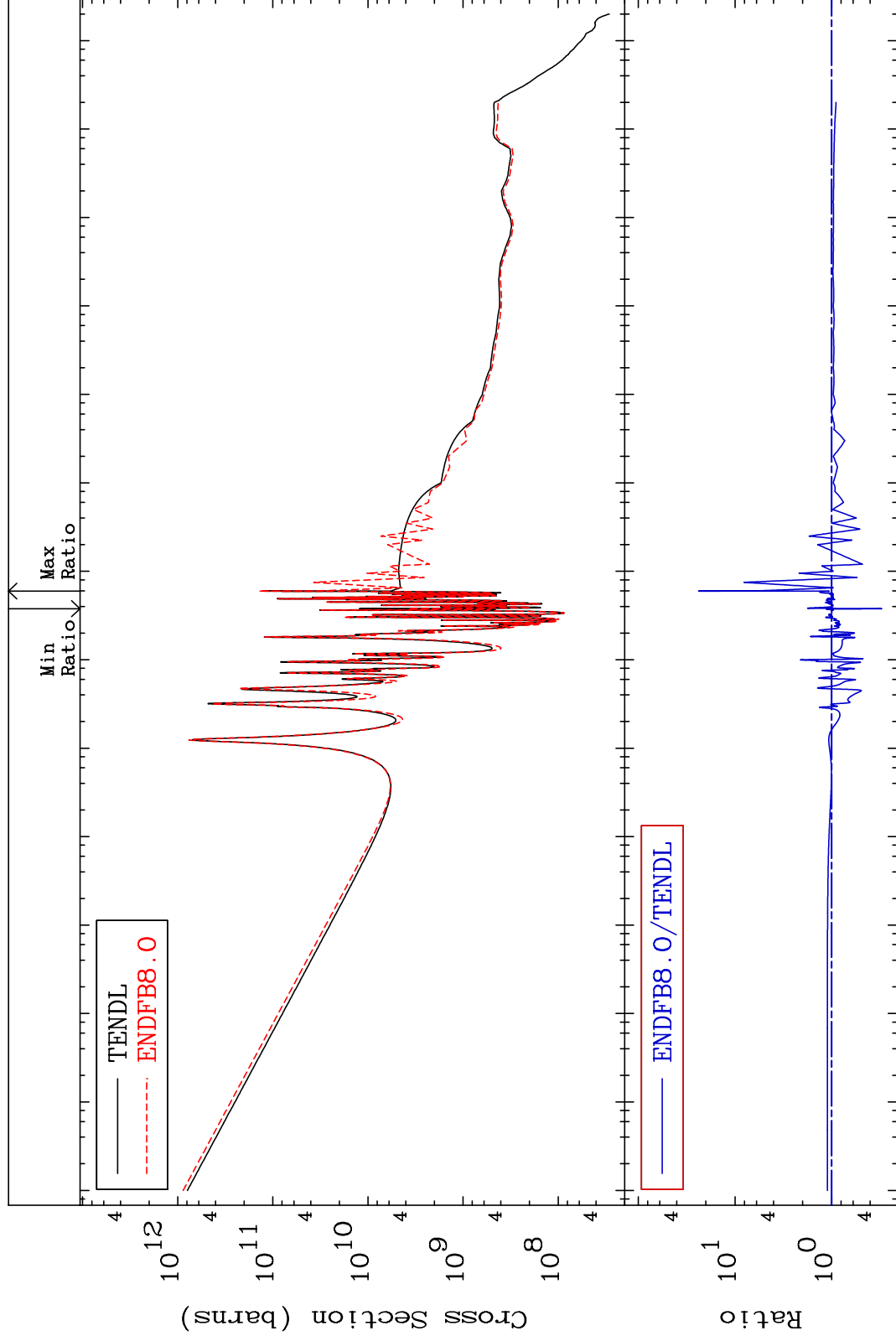
MAT 9646

Kerma non-elastic (all but mt2)

96-Cm-247

-69.50 To 2272. %

Cross Section



41

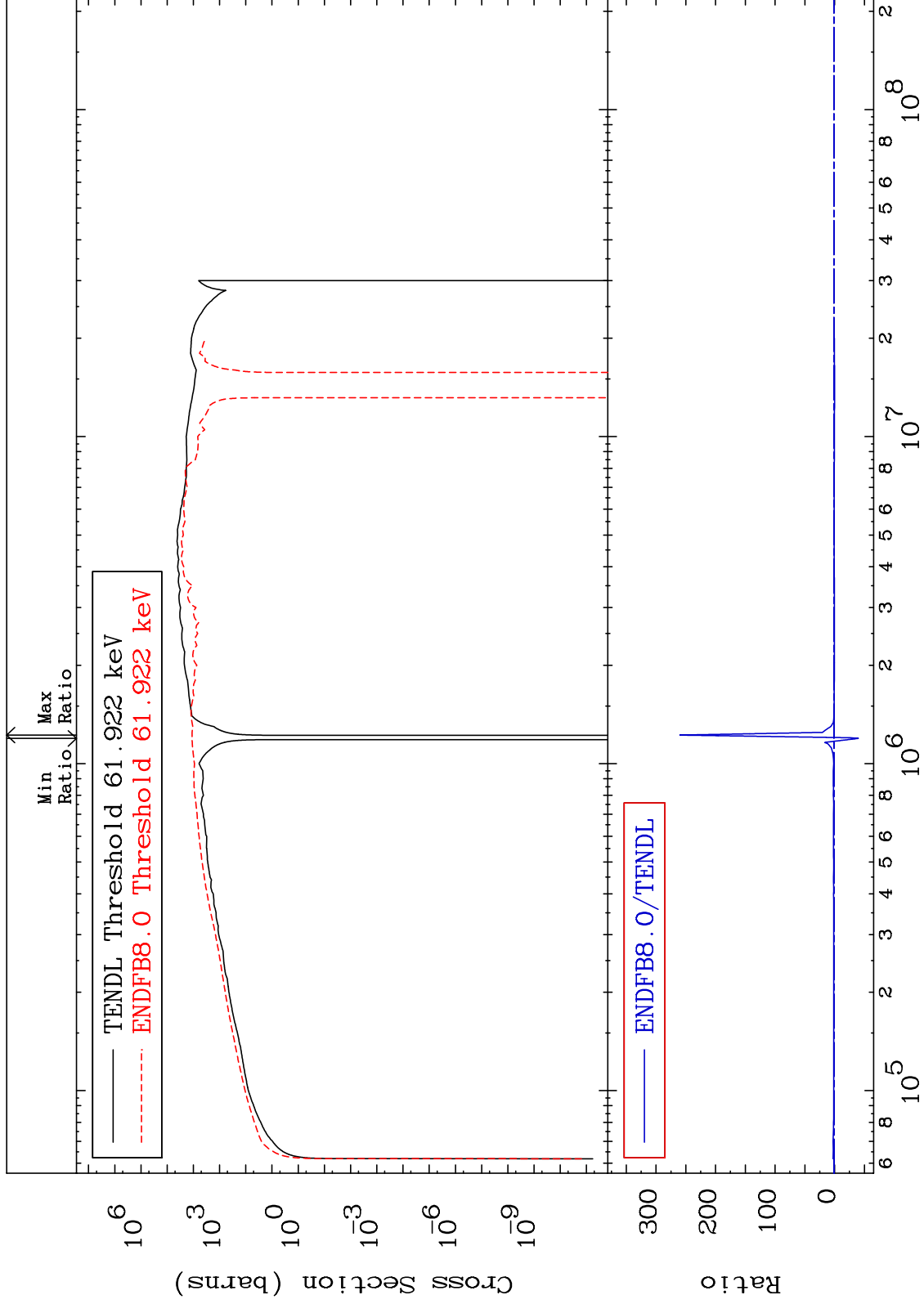
Incident Energy (eV)

96-Cm-247

MAT 9646

Kerma inelastic (mt51-91)  
Cross Section

96-Cm-247  
-4100. To 9999. %



42

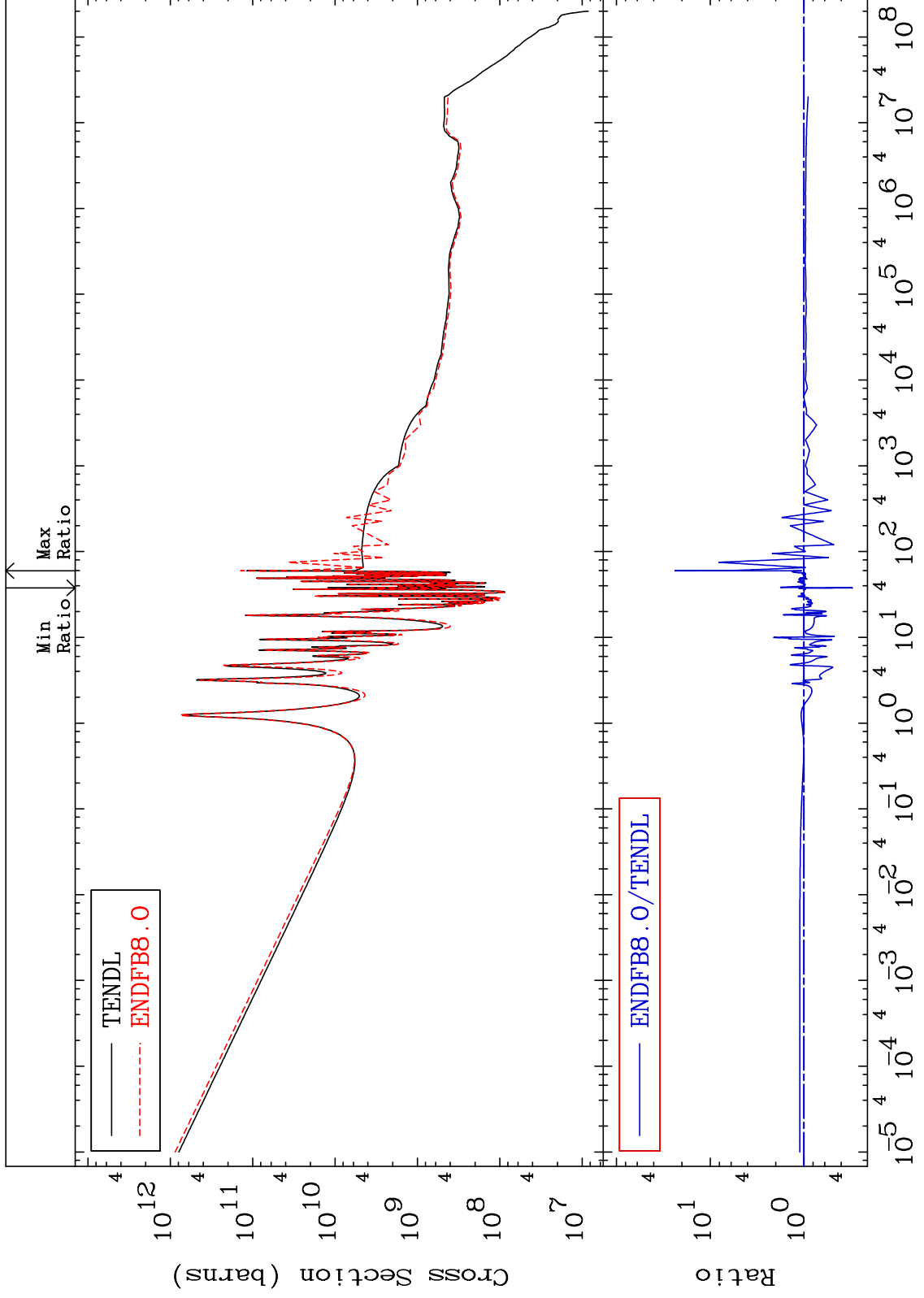
Incident Energy (eV)

96-Cm-247

MAT 9646

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

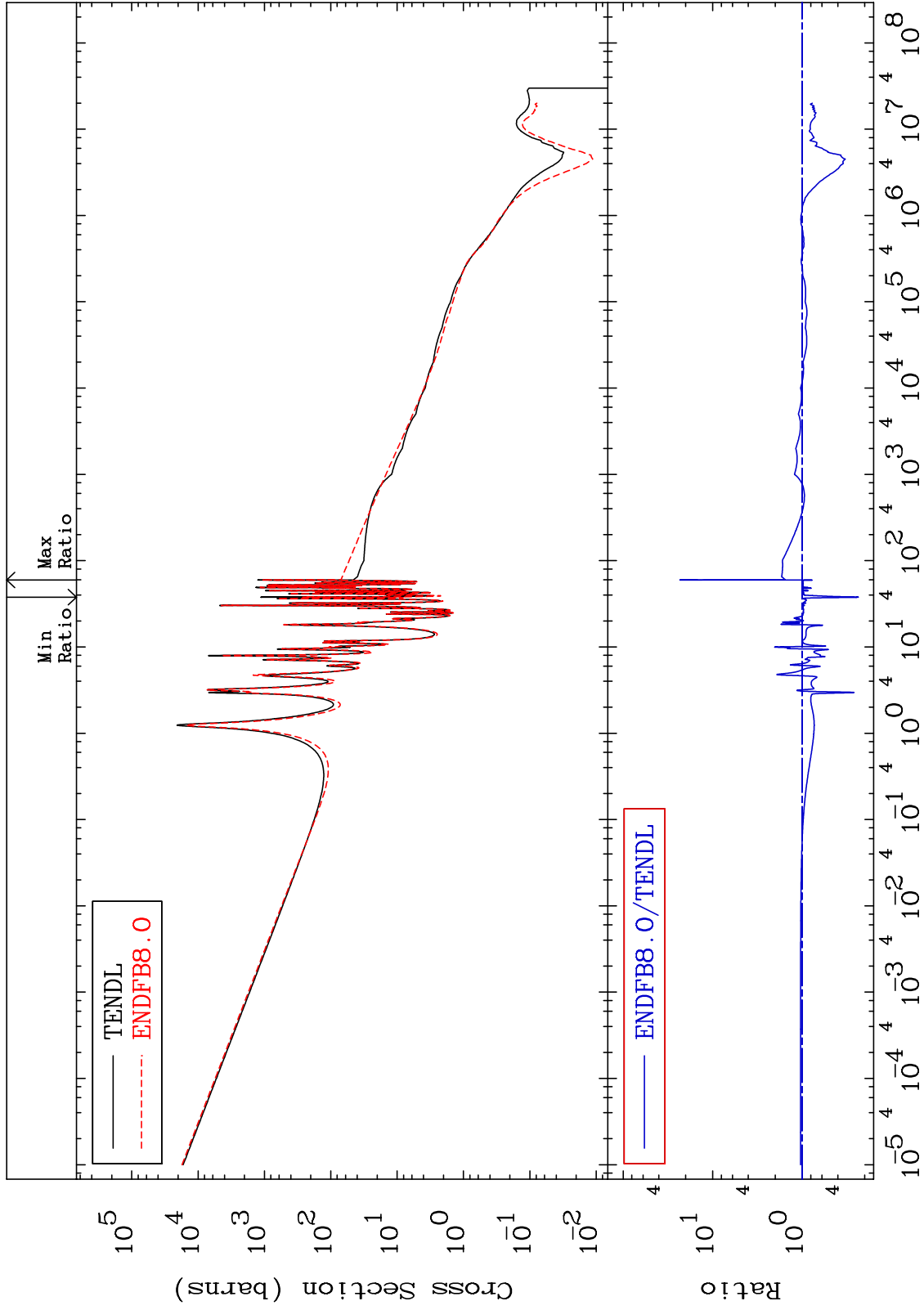
96-Cm-247  
-69.50 To 2272. %



MAT 9646

Kerma capture (mt102)  
Cross Section

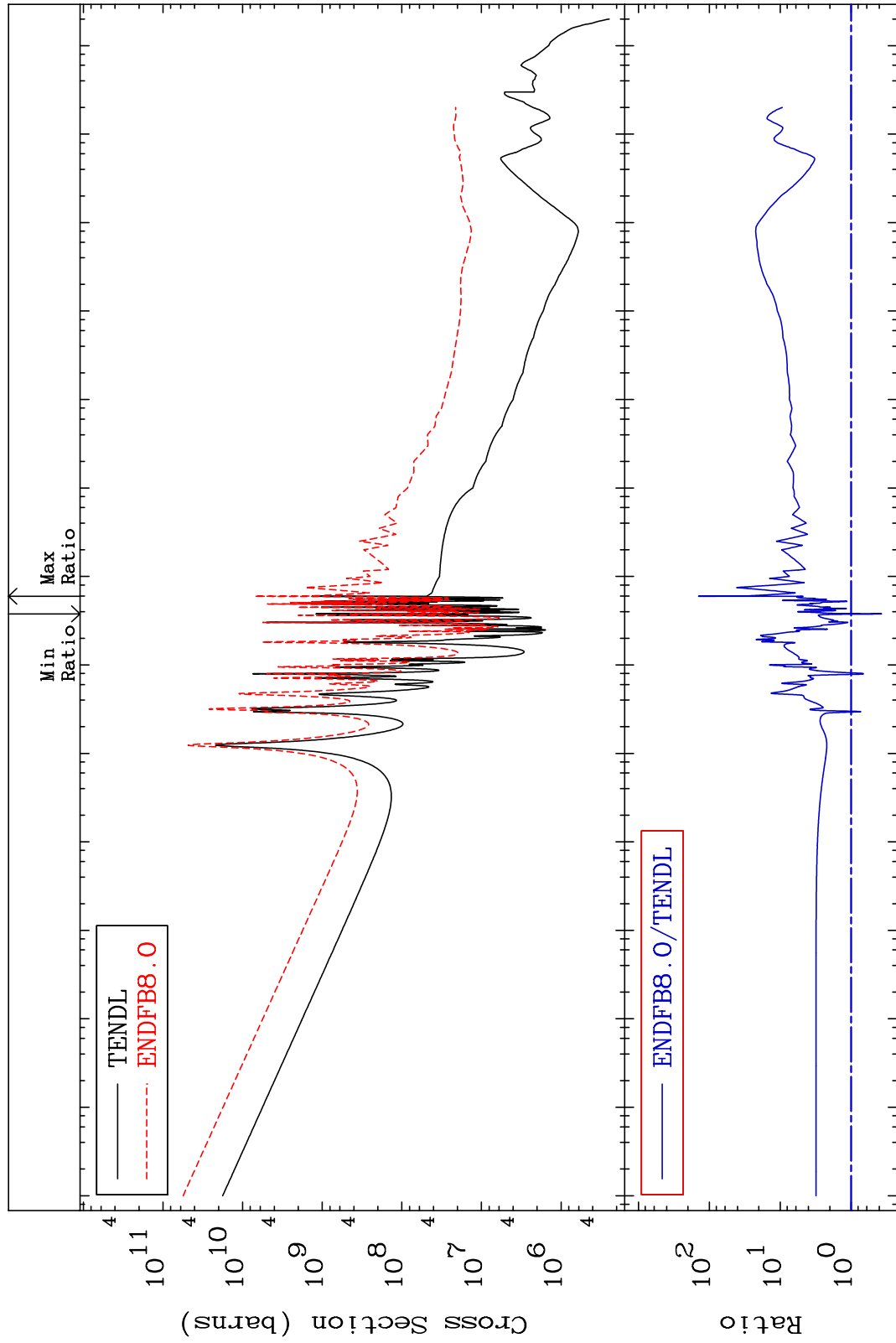
96-Cm-247  
-76.45 To 2215. %



MAT 9646

Total photon (eV-barns)  
Cross Section

96-Cm-247  
-62.79 To 9999. %



45

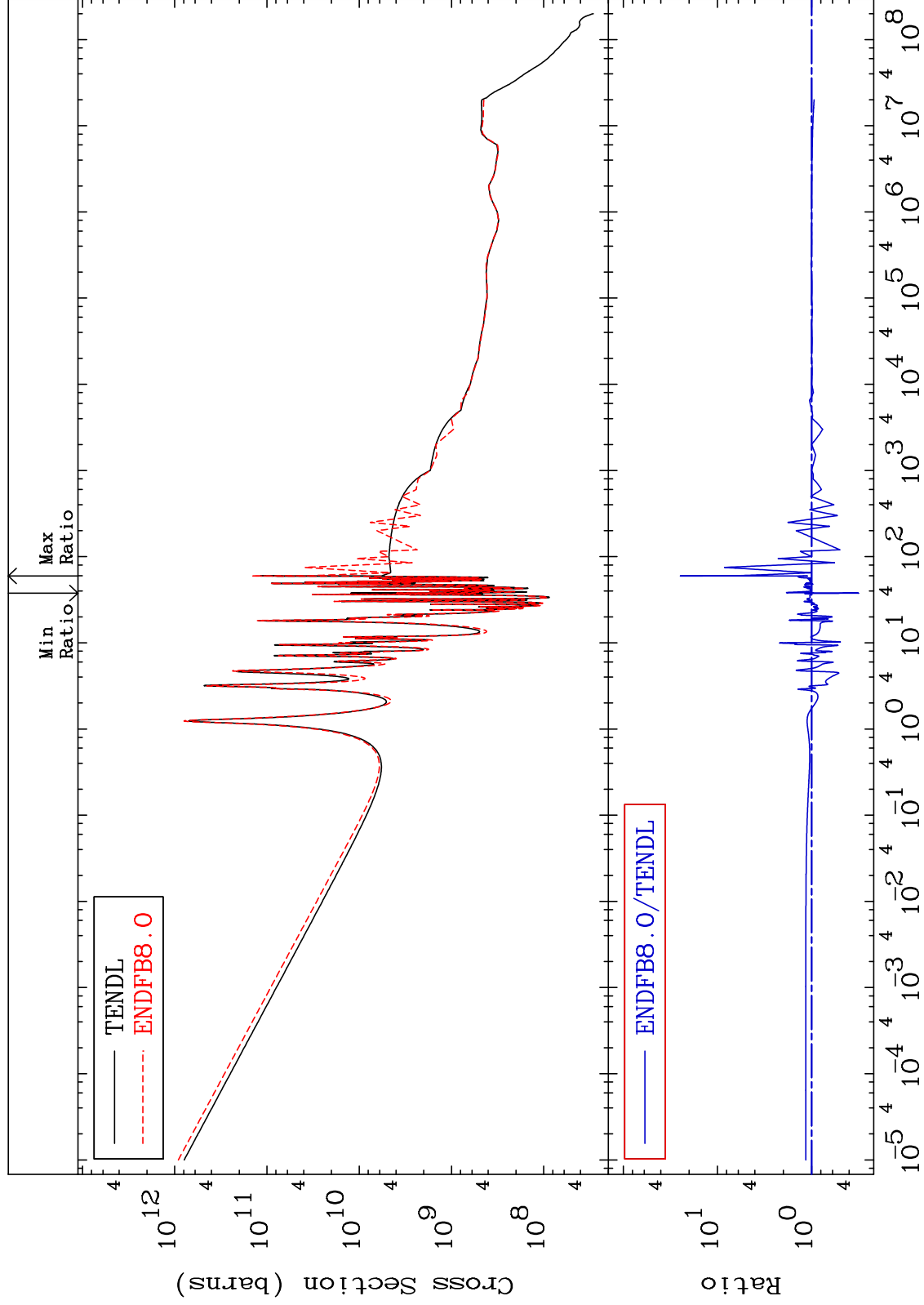
Incident Energy (eV)

96-Cm-247

MAT 9646

Total kinematic kerma (high limit)  
Cross Section

96-Cm-247  
-68.21 To 2372. %



46

Incident Energy (eV)

96-Cm-247

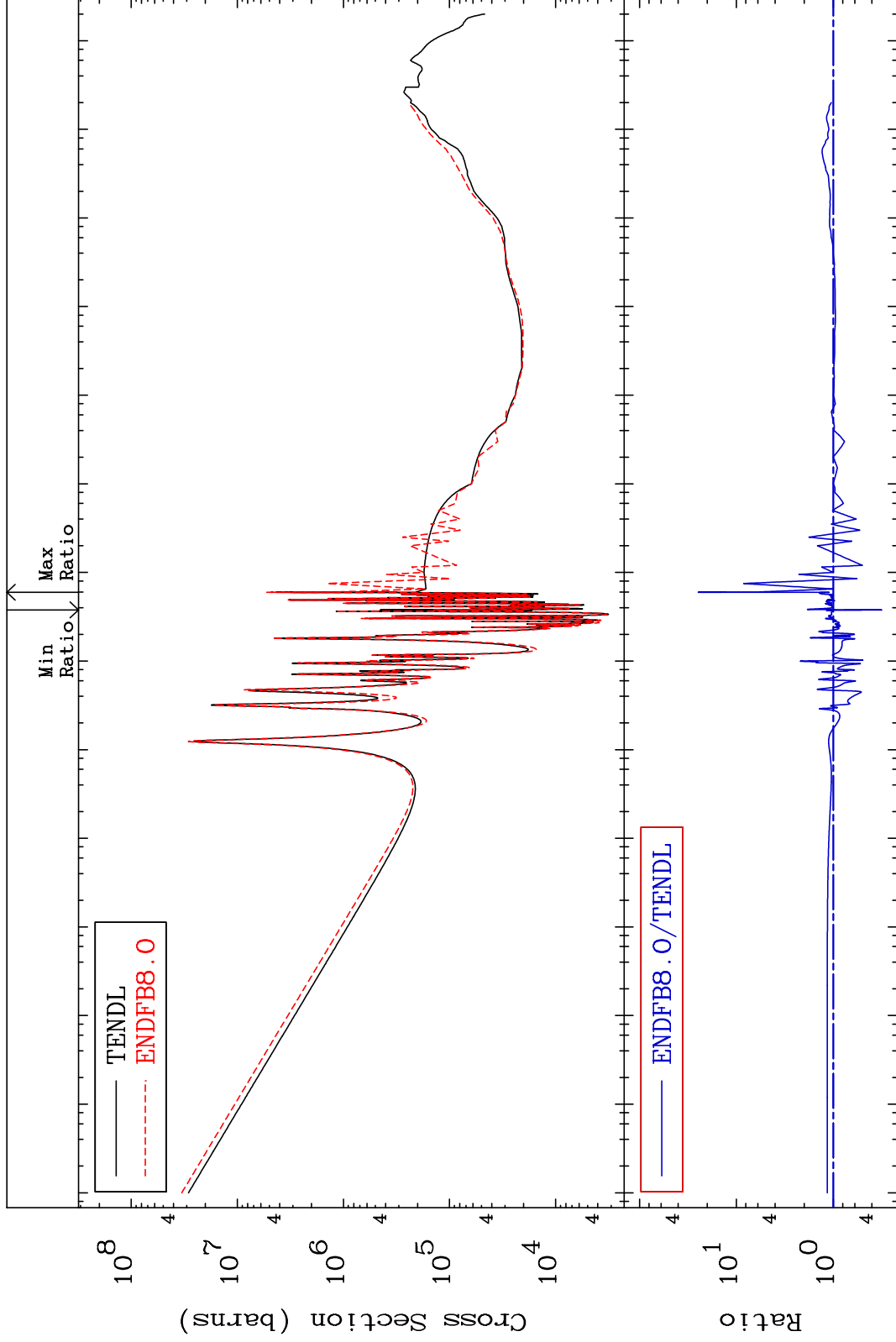
MAT 9646

Dpa total (eV-barns)

96-Cm-247

-68.21 To 2373. %

Cross Section



47

Incident Energy (eV)

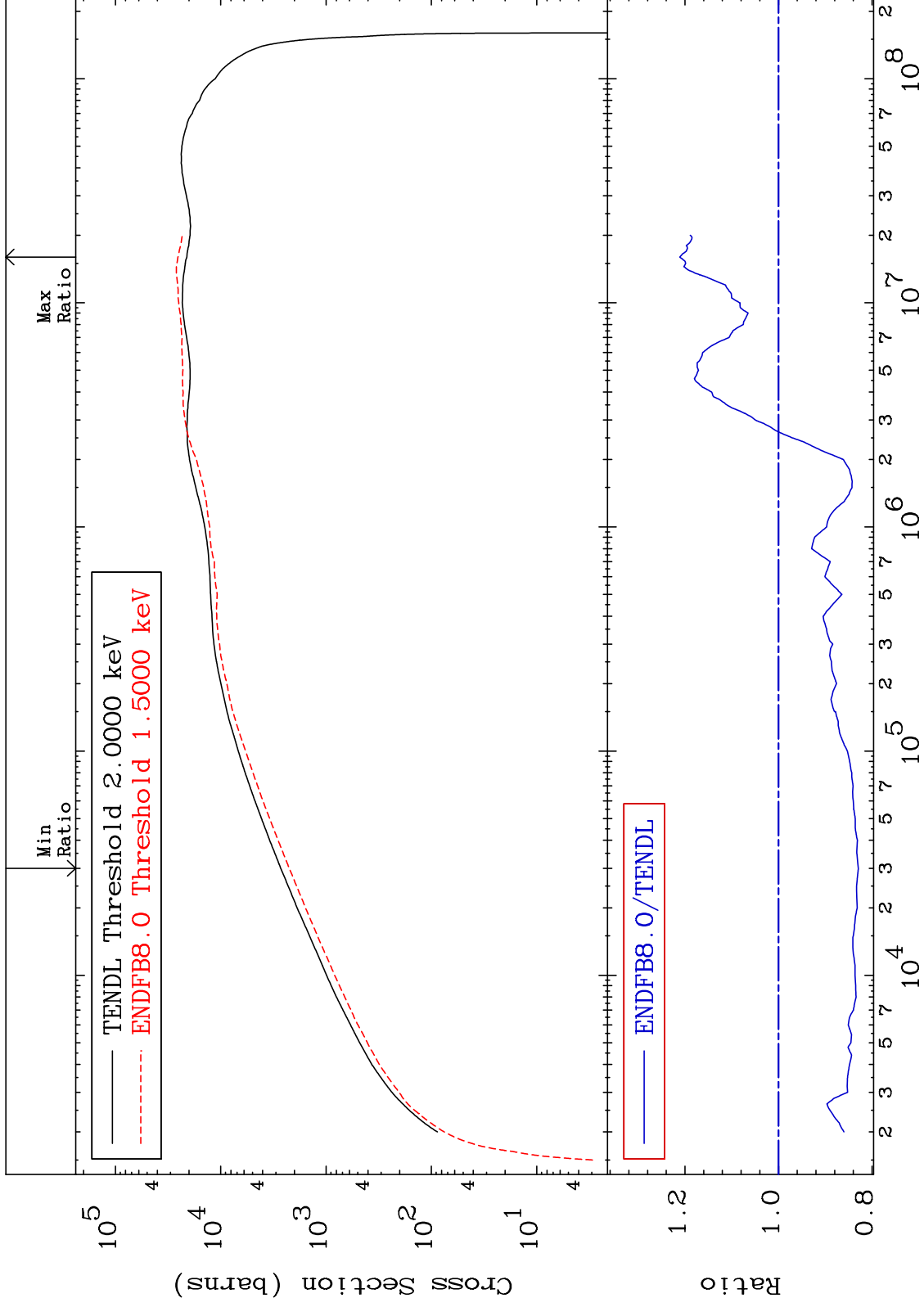
96-Cm-247



MAT 9646

Dpa elastic (mt2)  
Cross Section

96-Cm-247  
-17.07 To 21.11 %

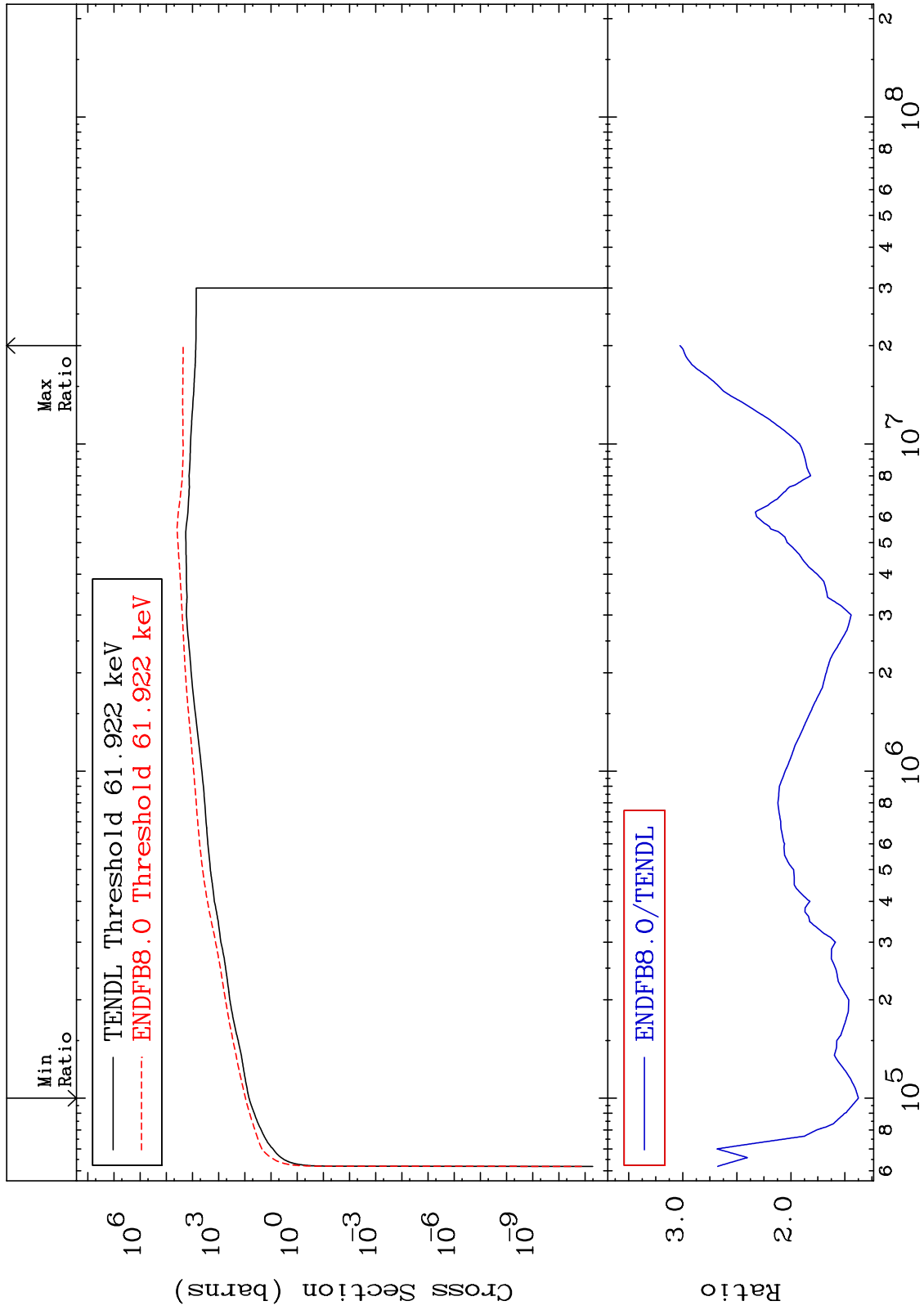


48

Incident Energy (eV)

96-Cm-247

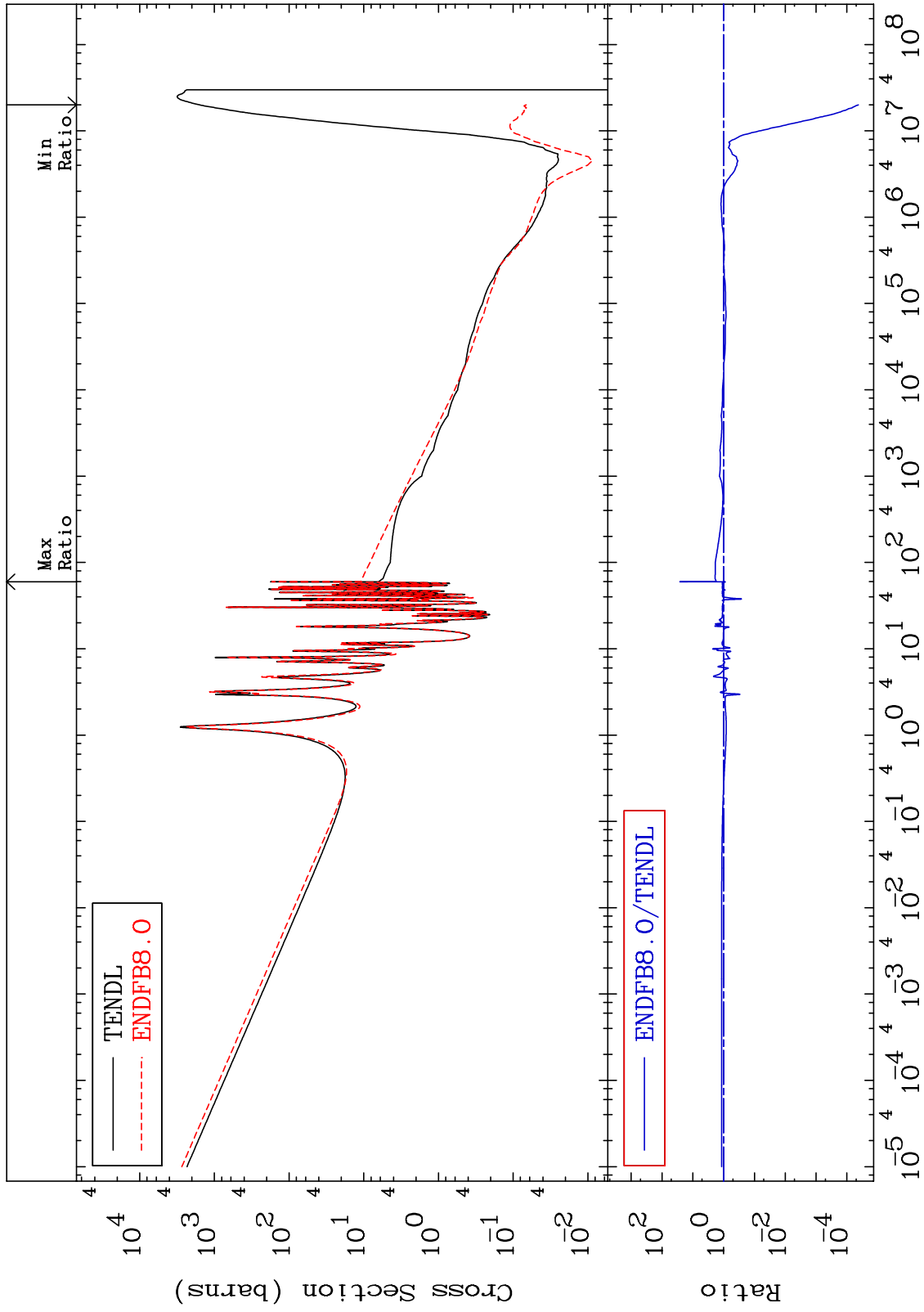
MAT 9646      Dpa inelastic (mt51-91)      96-Cm-247  
Cross Section      37.53 To 202.6 %



MAT 9646

Dpa disappearance (mt102 -120)  
Cross Section

96-Cm-247  
-100.0 To 2501. %



50

Incident Energy (eV)

96-Cm-247