

Program Complot
(Version 2018-1)

by

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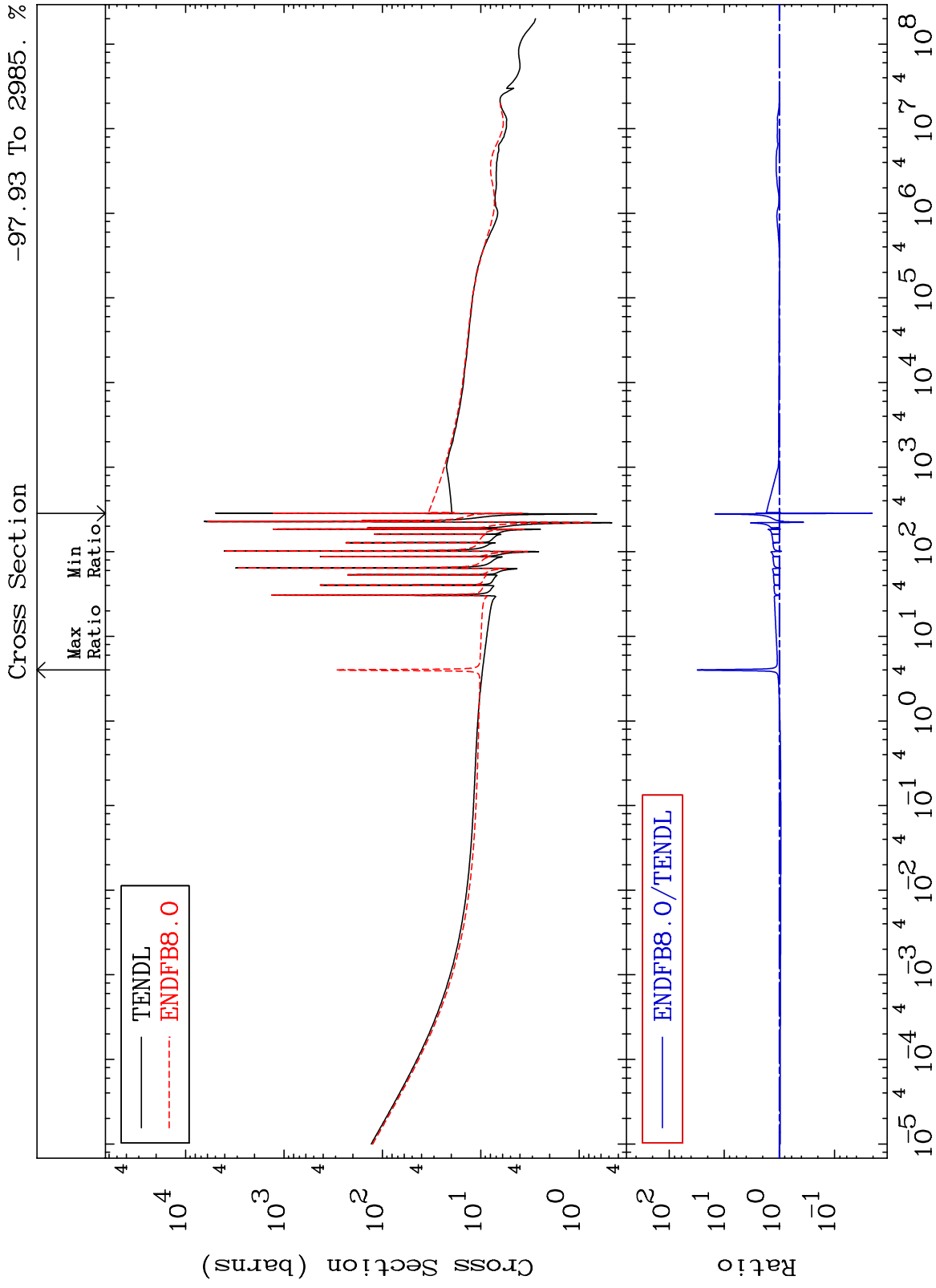
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9452 94-Pu-244 -97.93 To 2985. %



94-Pu-244

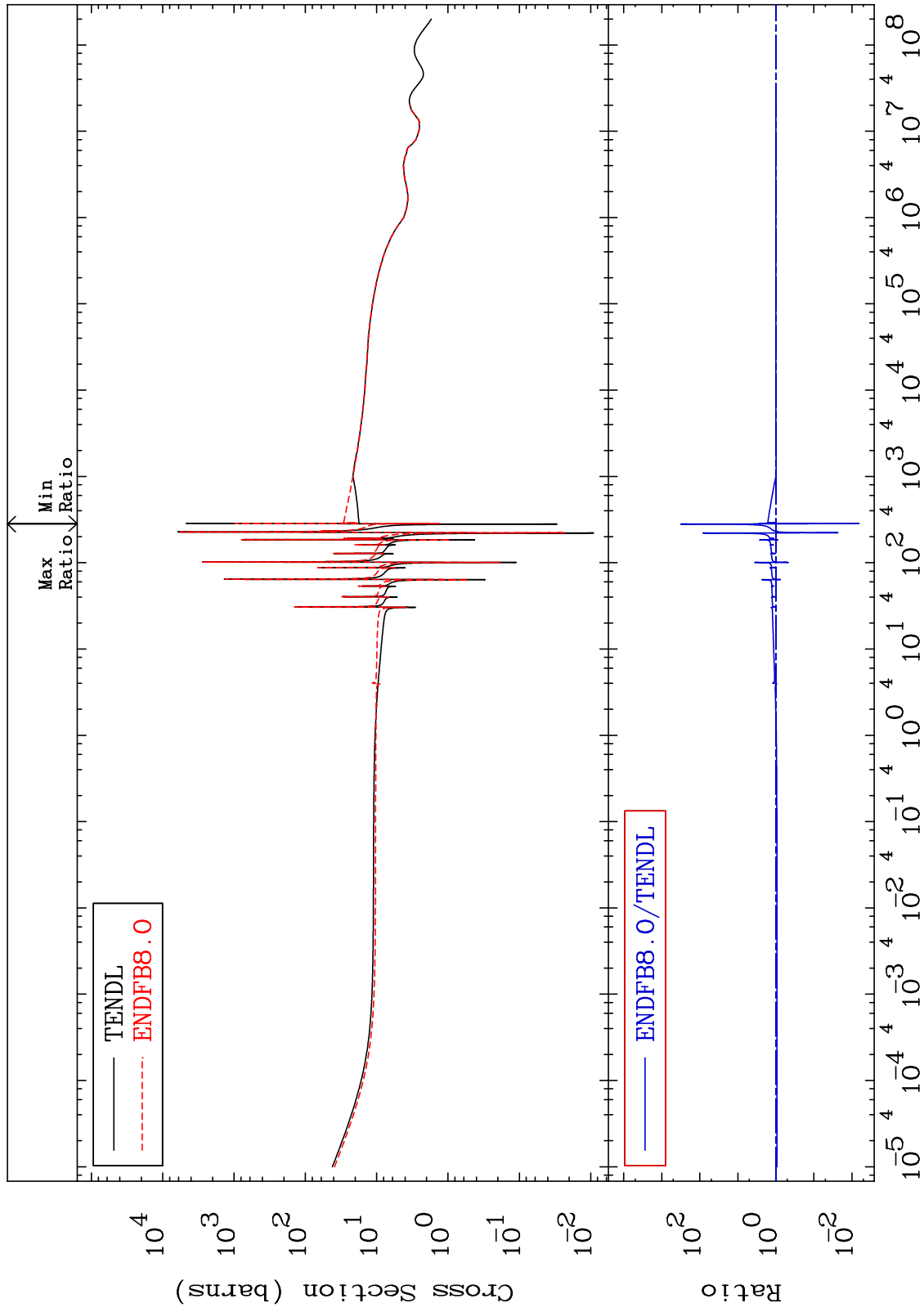
Incident Energy (eV)

1

MAT 9452

Elastic
Cross Section

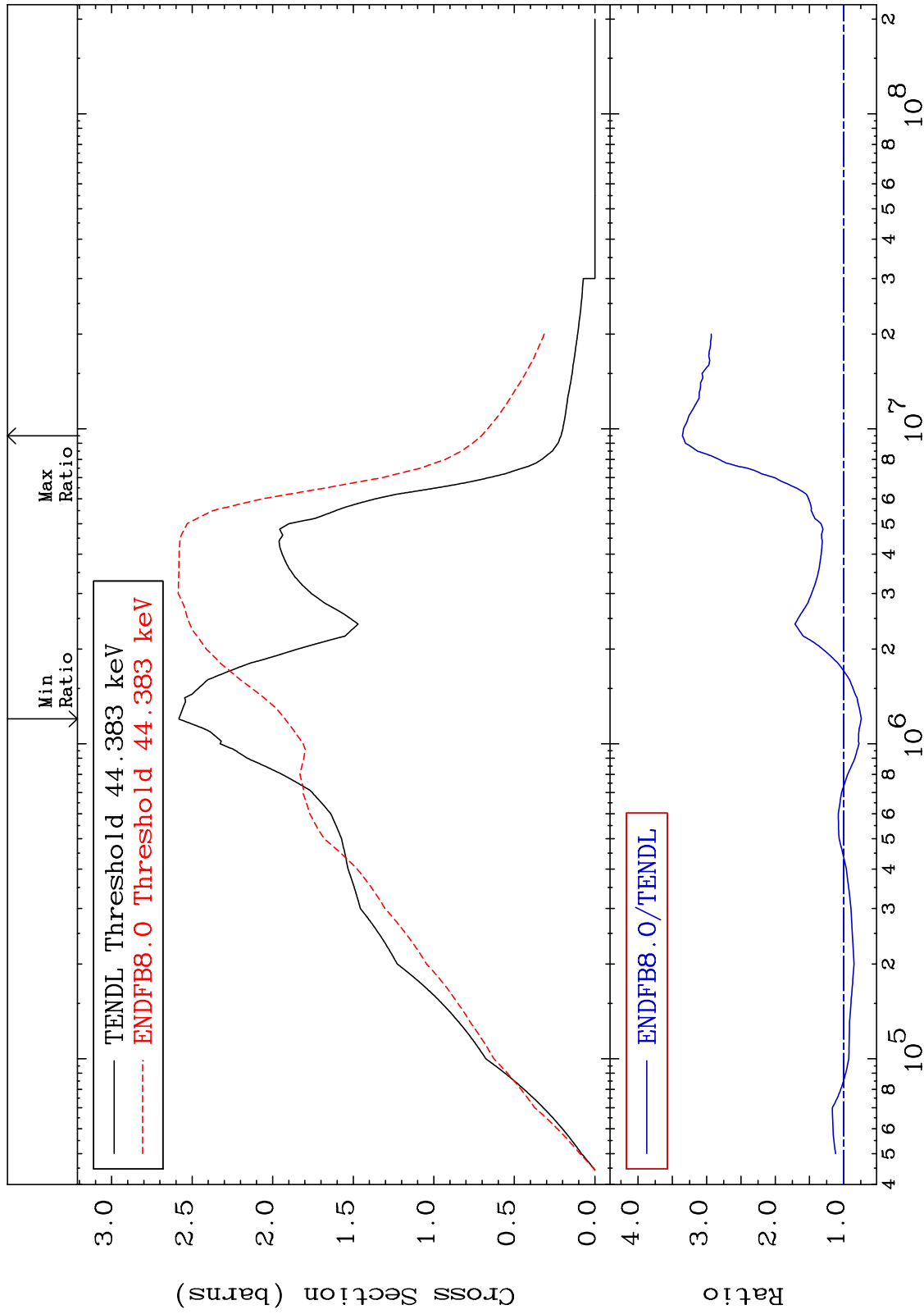
94-Pu-244
-99.35 To 9999. %



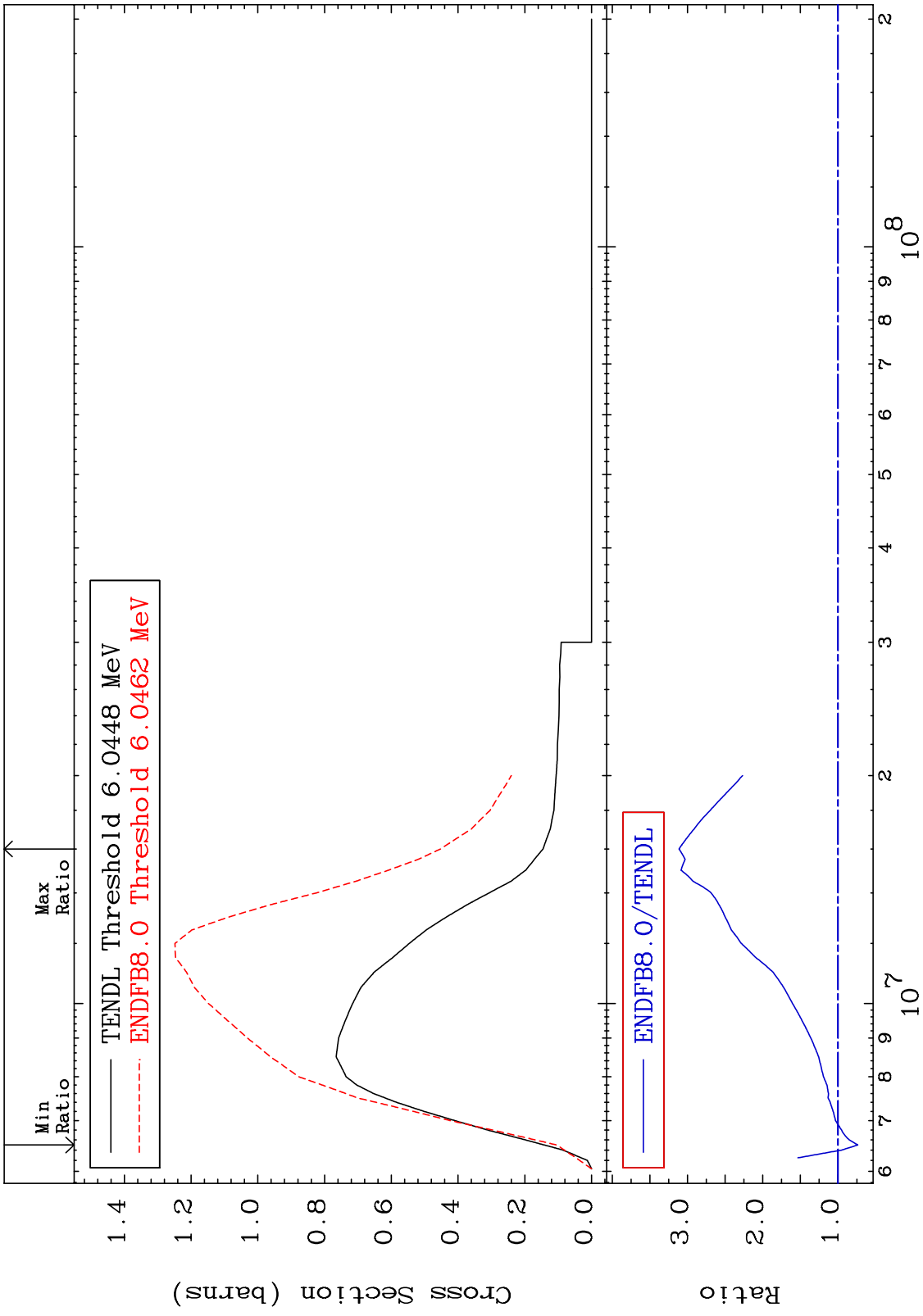
MAT 9452

Inelastic
Cross Section

94-Pu-244
-25.57 To 235.3 %

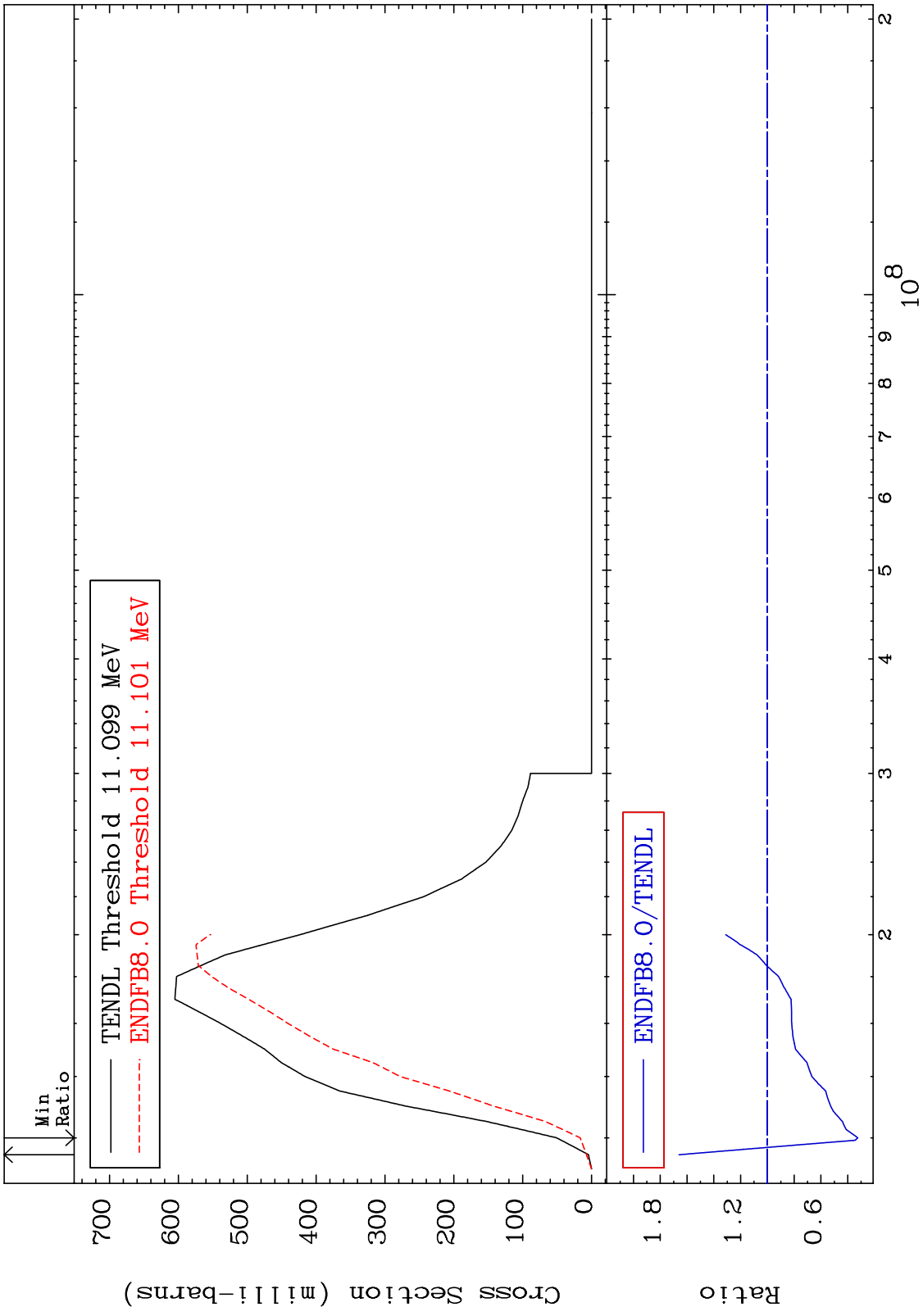


MAT 9452 94-Pu-244
-26.35 To 211.2 %
 (n,2n)
 Cross Section



4 94-Pu-244

MAT 9452 (n,3n) Cross Section 94-Pu-244 -67.57 To 65.97 %



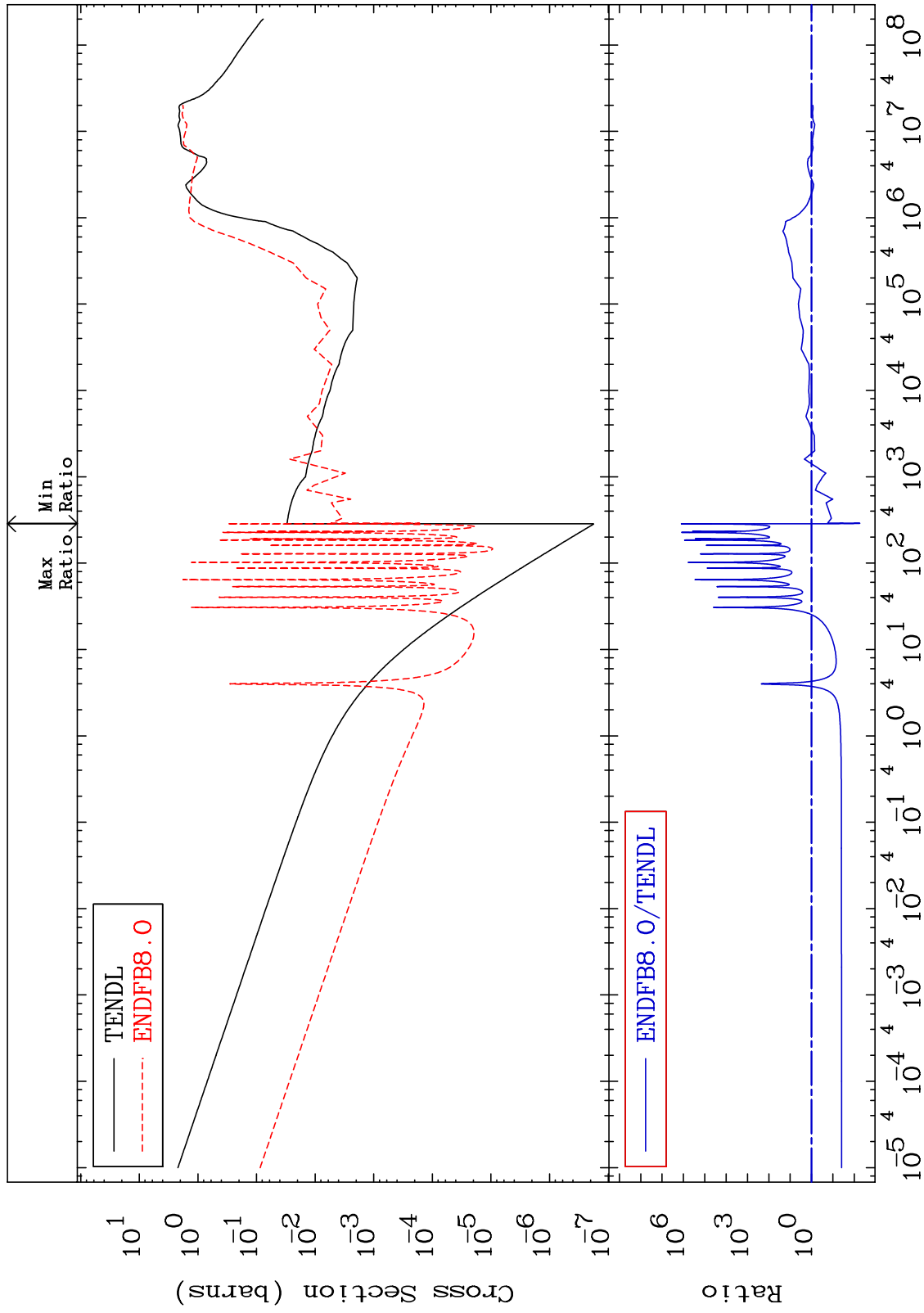
MAT 9452

Fission

94-Pu-244

Cross Section

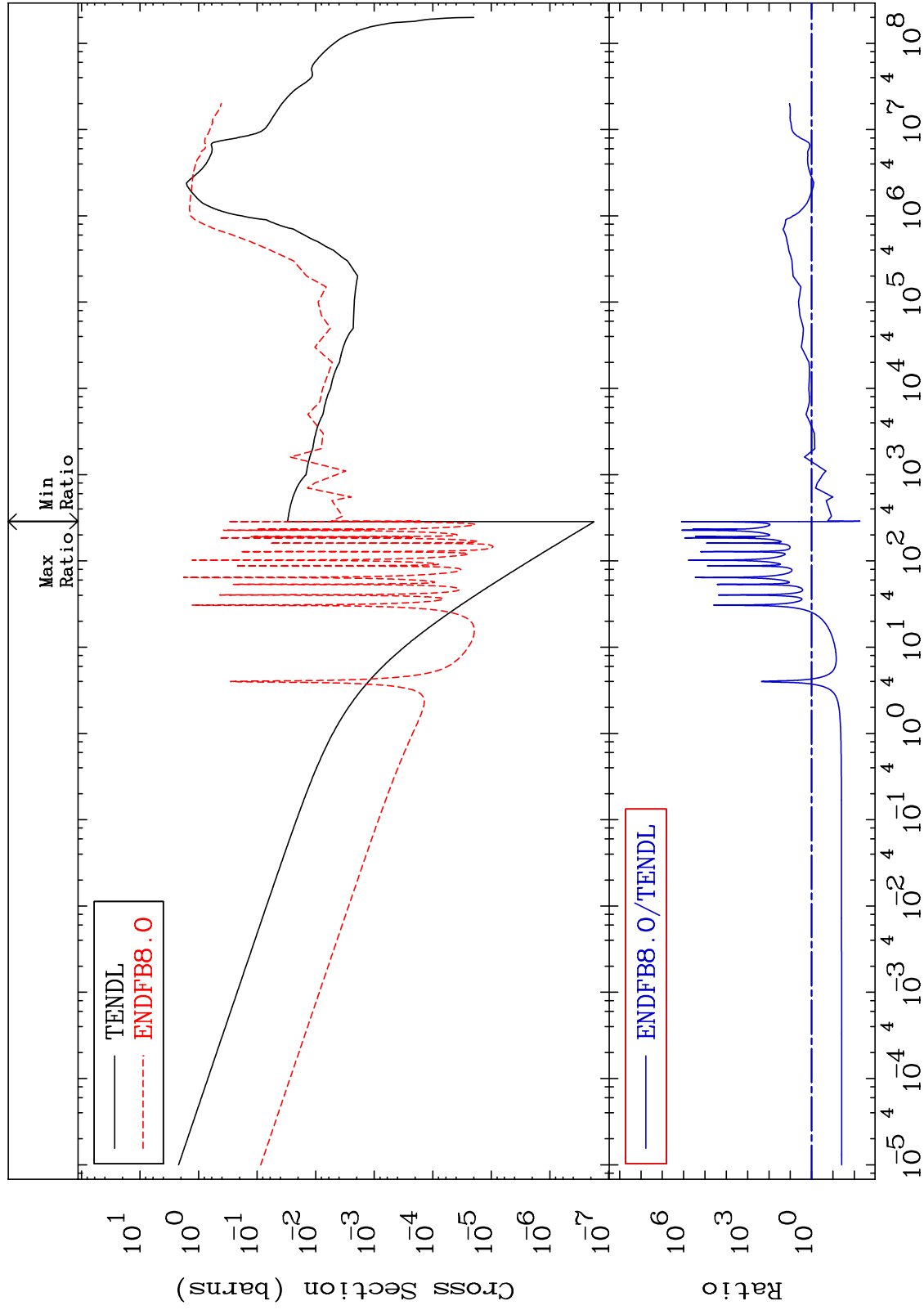
-99.45 To 9999. %



MAT 9452

(n,f) First Chance
Cross Section

94-Pu-244
-99.45 To 9999. %



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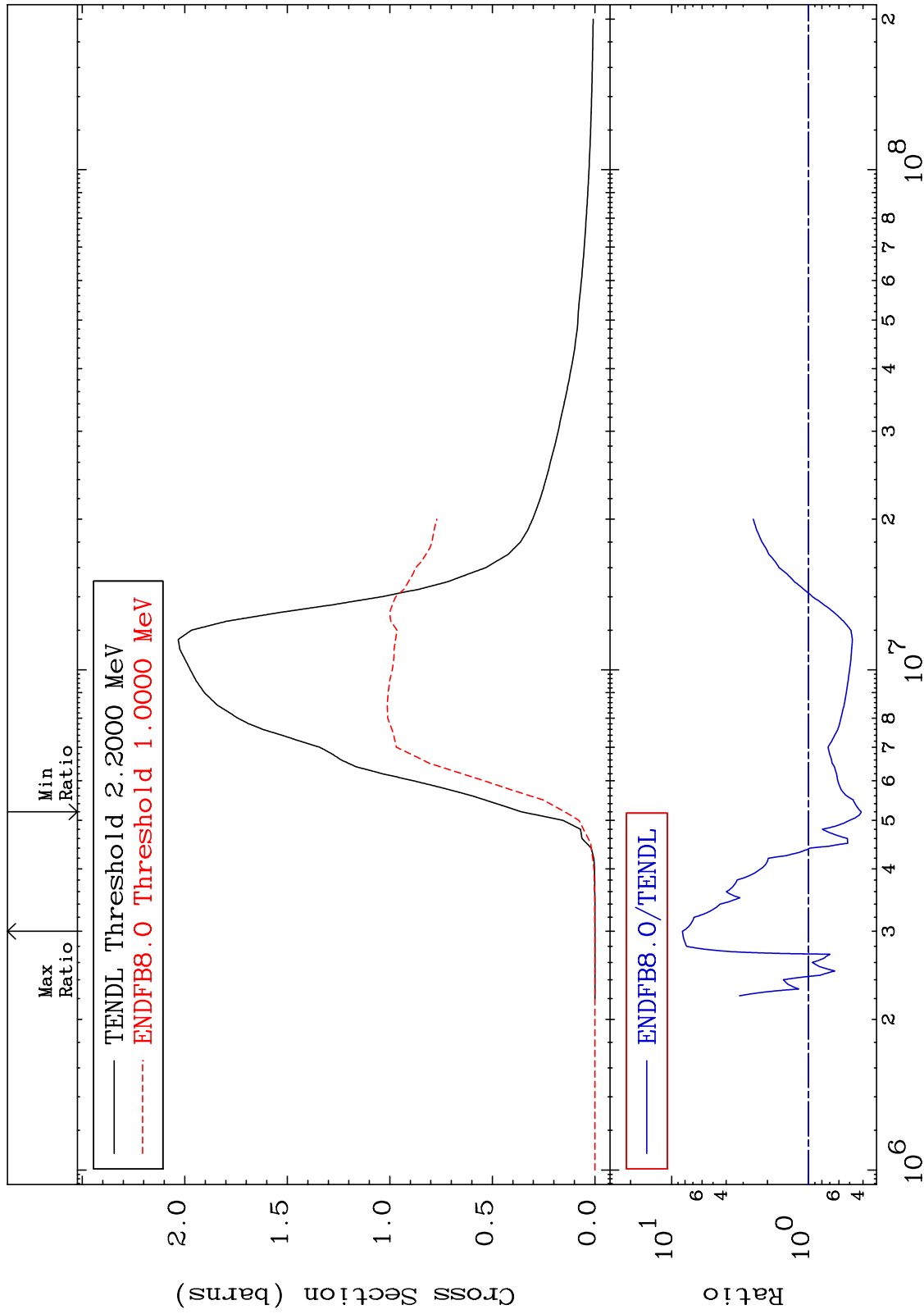
Incident Energy (eV)

94-Pu-244

MAT 9452

(n,nf) Second Chance
Cross Section

94-Pu-244
-58.83 To 734.6 %



8

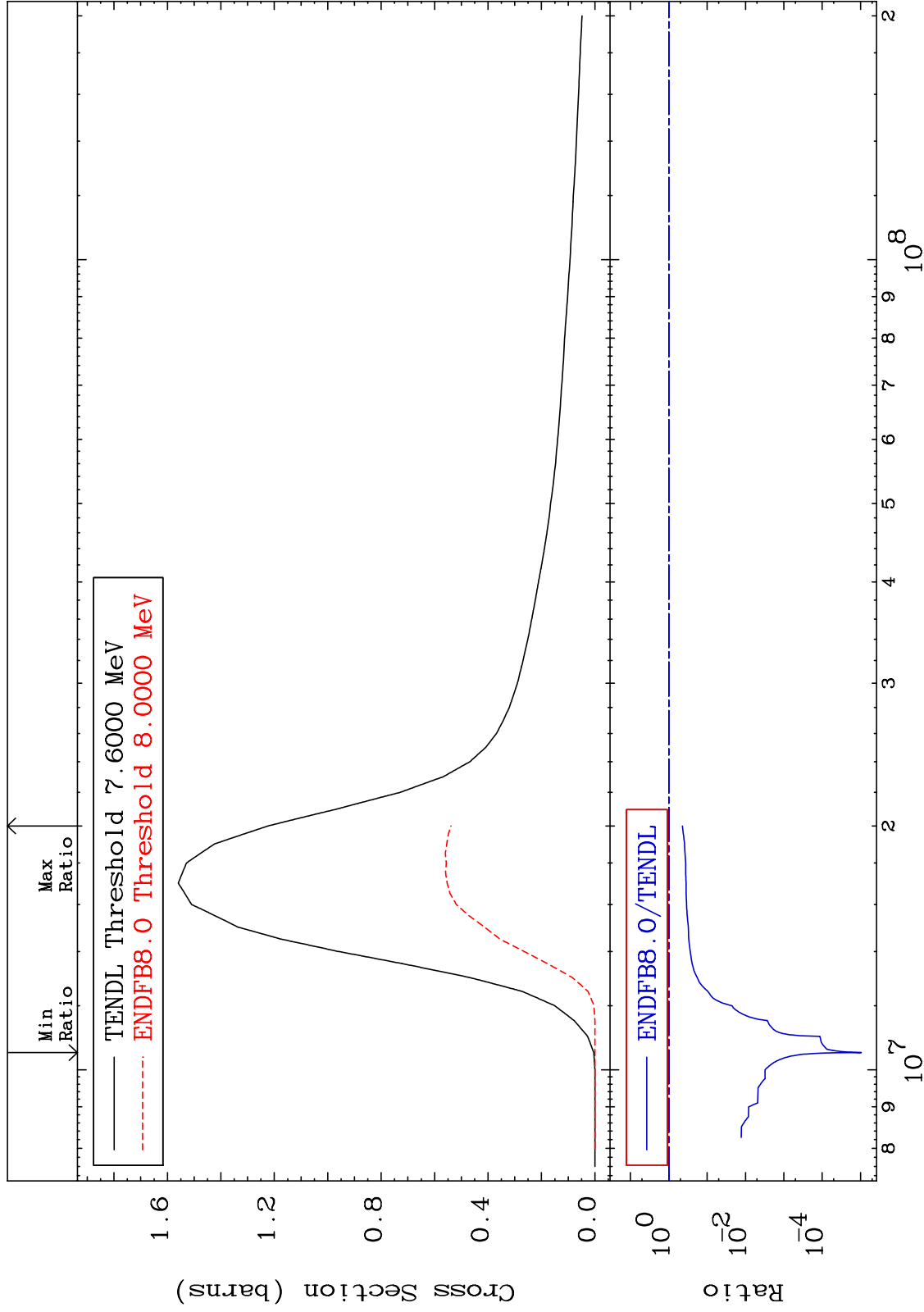
Incident Energy (eV)

94-Pu-244

MAT 9452

(n,2nf) Third Chance
Cross Section

94-Pu-244
-100.0 To -55.97%

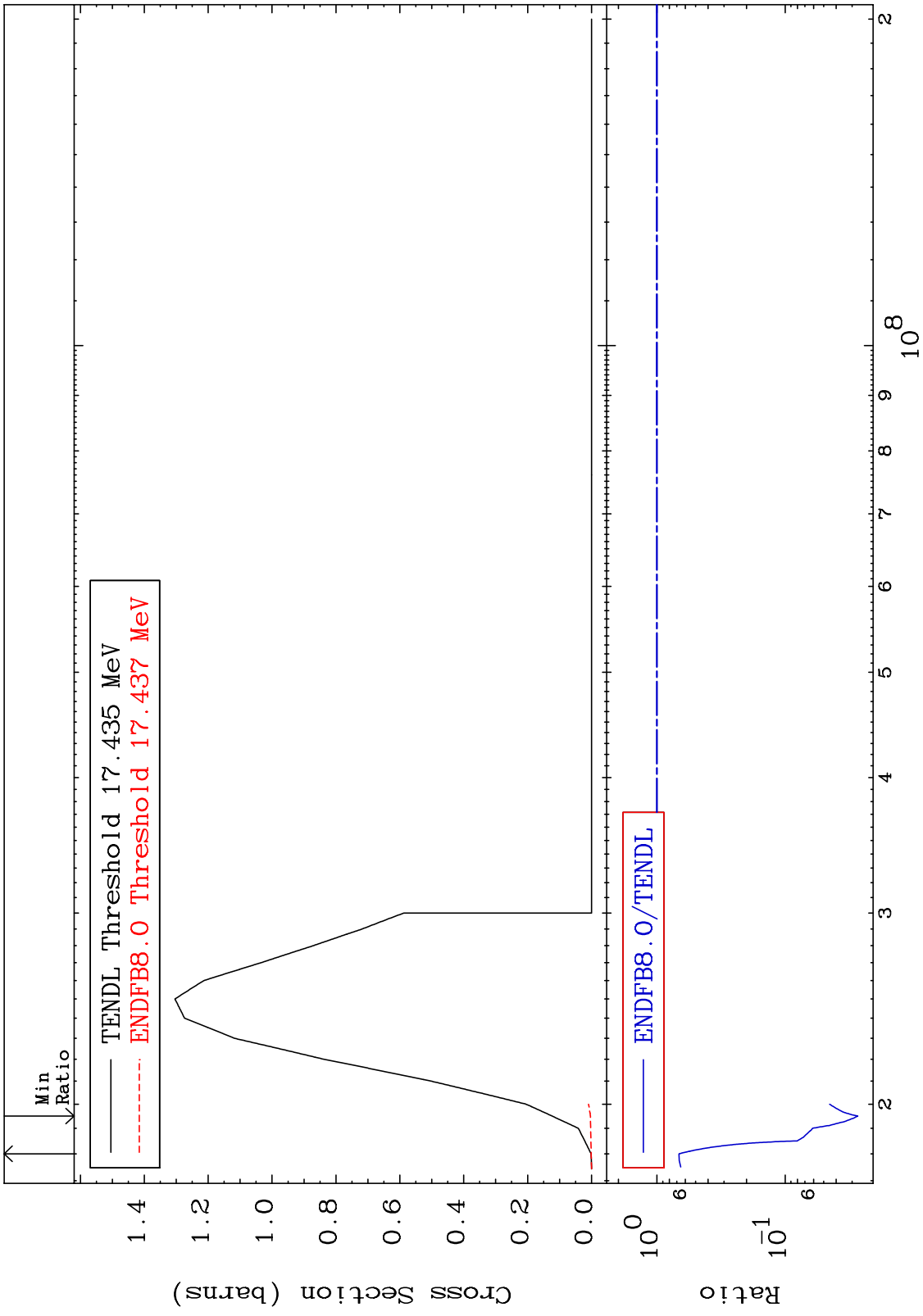


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Incident Energy (eV)

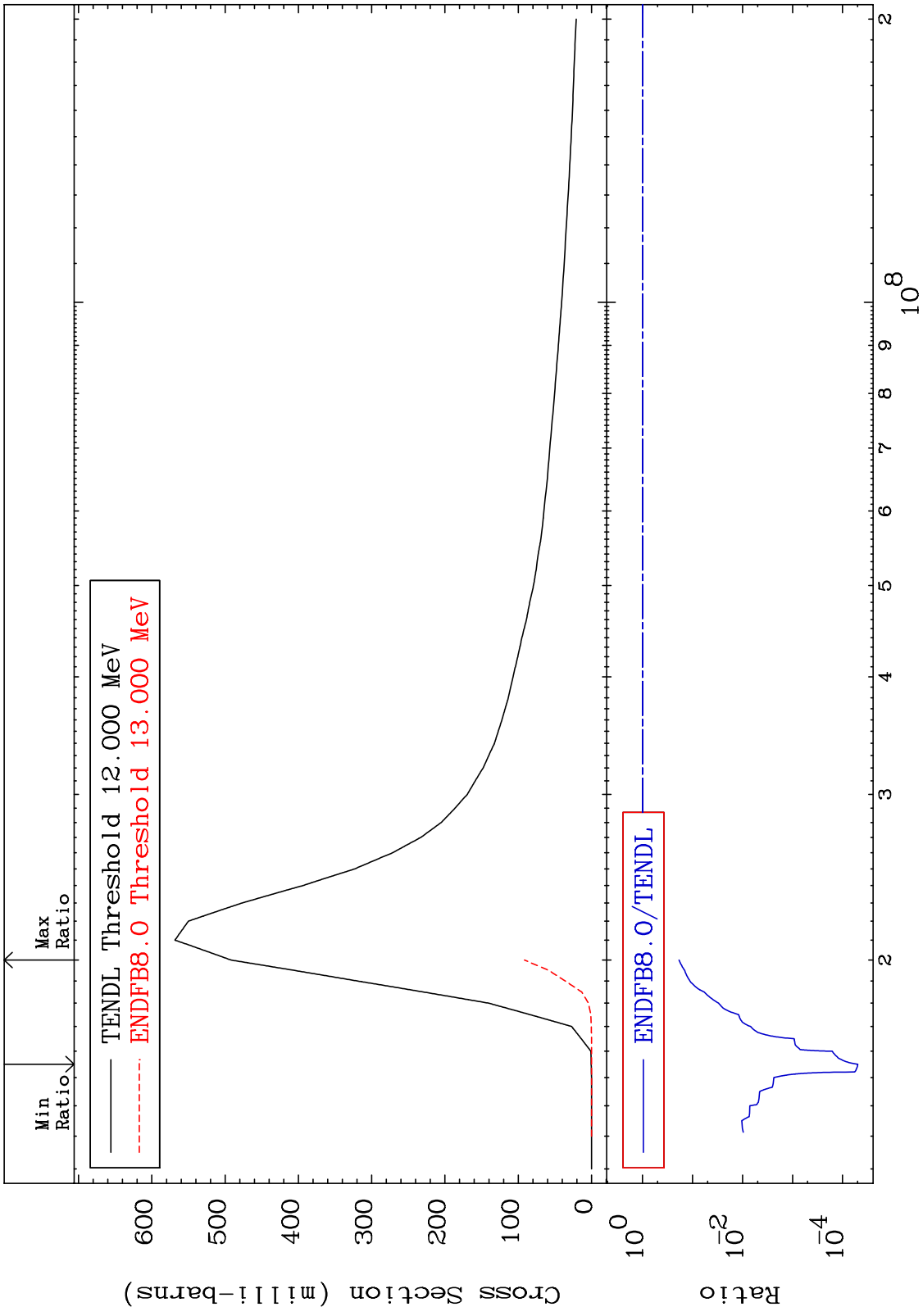
94-Pu-244

MAT 9452 (n,4n) Cross Section 94-Pu-244 -97.29 To -32.75%



10 Incident Energy (eV) 94-Pu-244

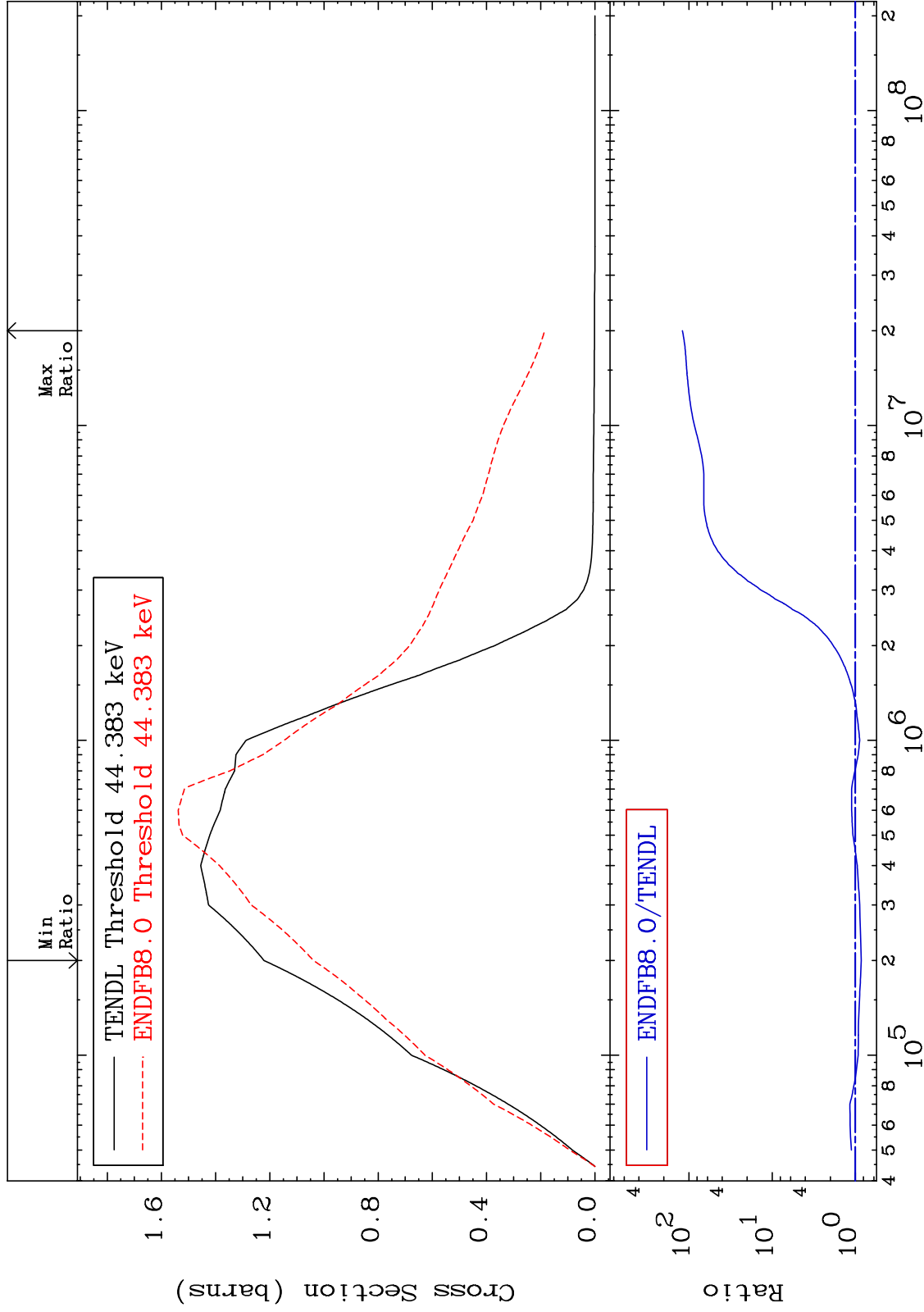
MAT 9452 (n,3nf) Fourth Chance Cross Section 94-Pu-244 -100.0 To -81.40%



MAT 9452

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

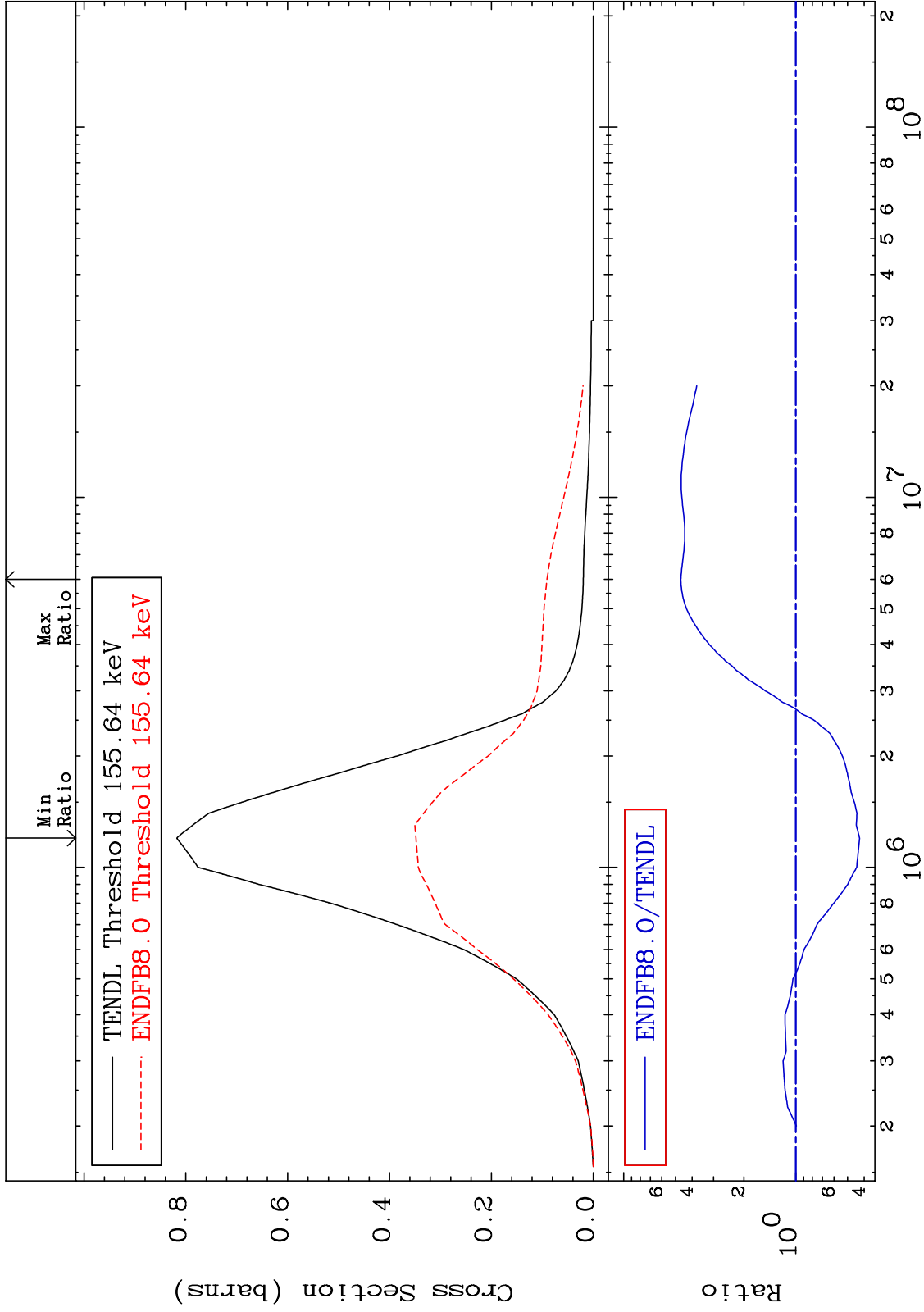
94-Pu-244
-14.94 To 9999. %



MAT 9452

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

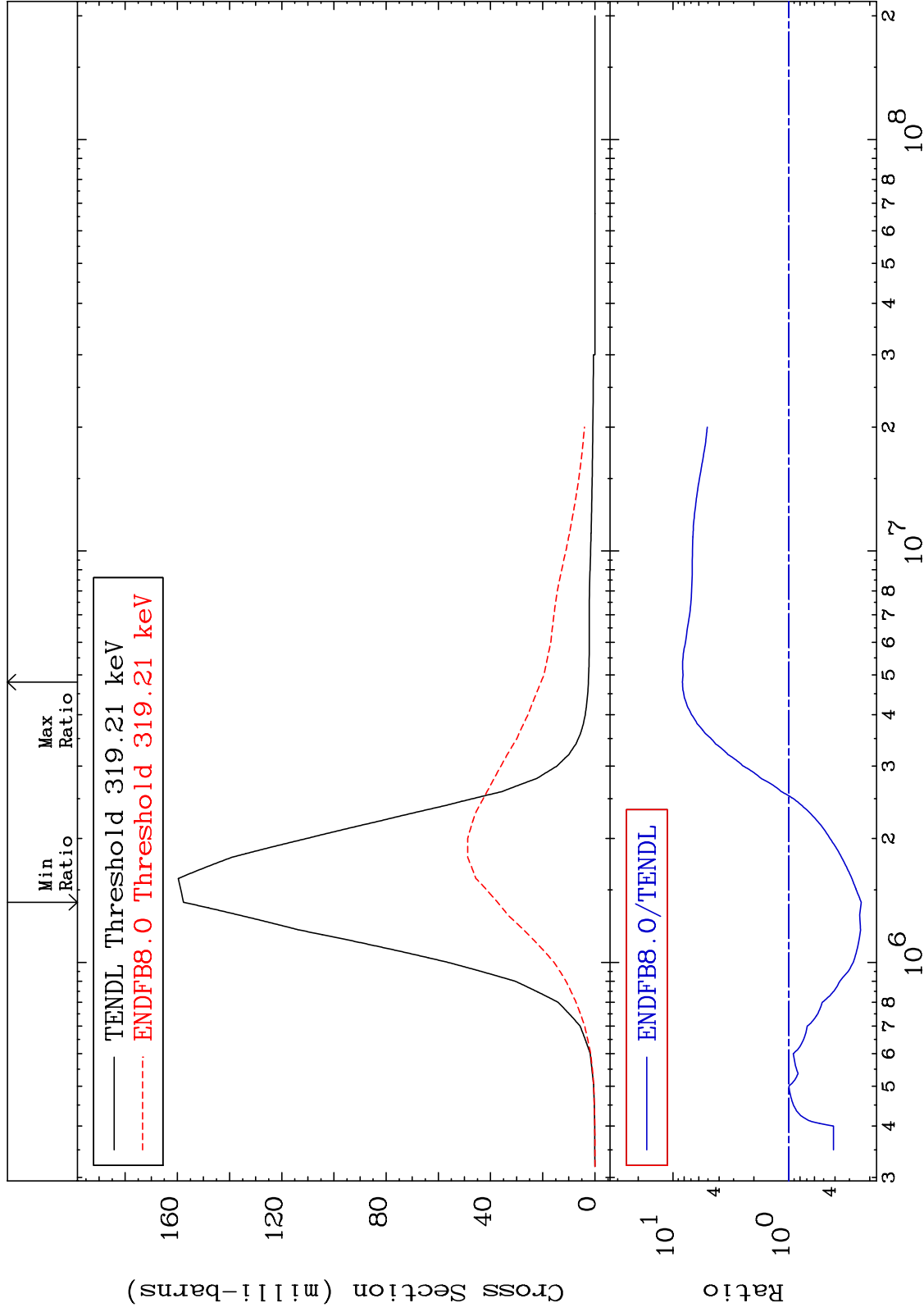
94-Pu-244
-57.44 To 365.4 %



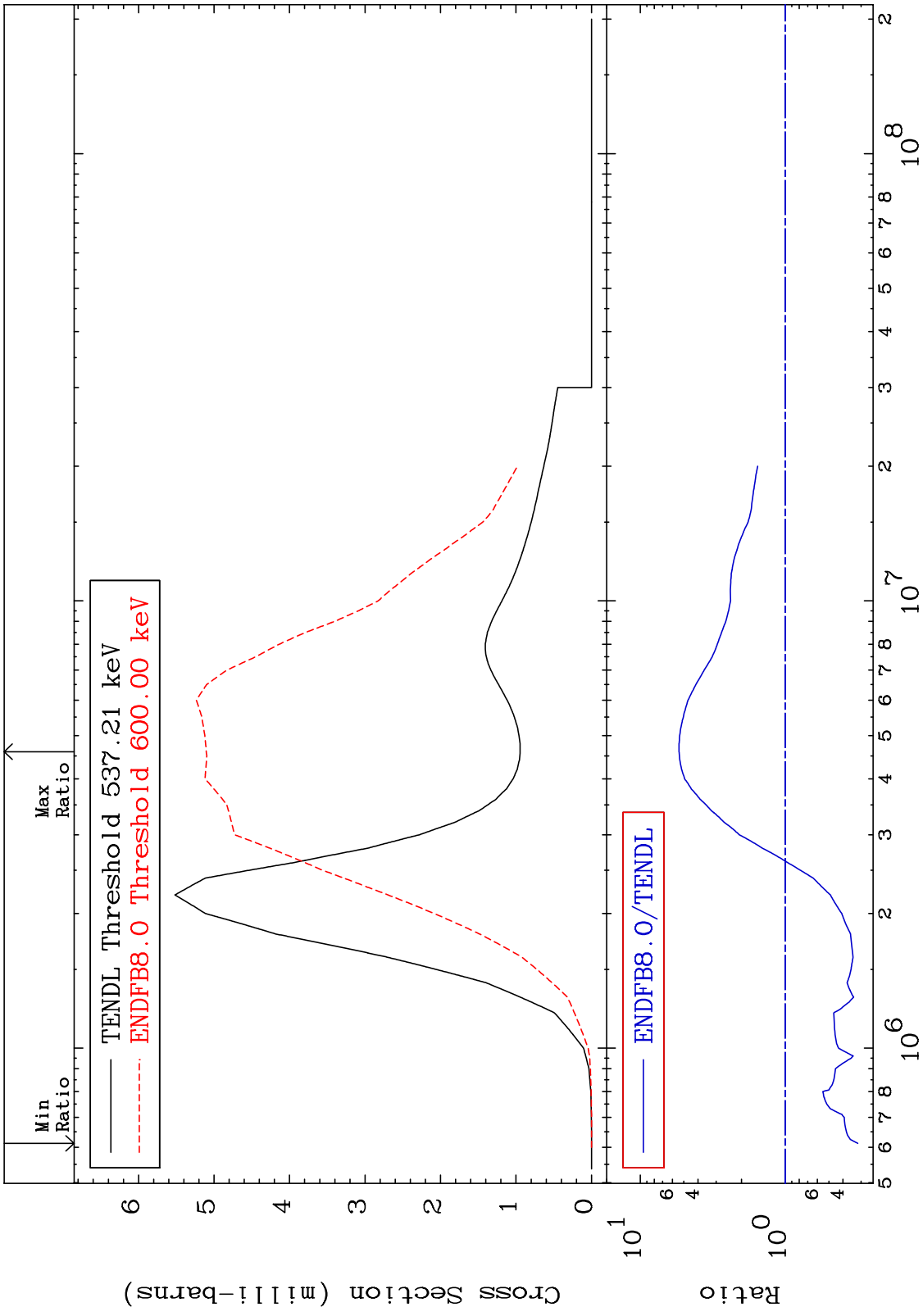
MAT 9452

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

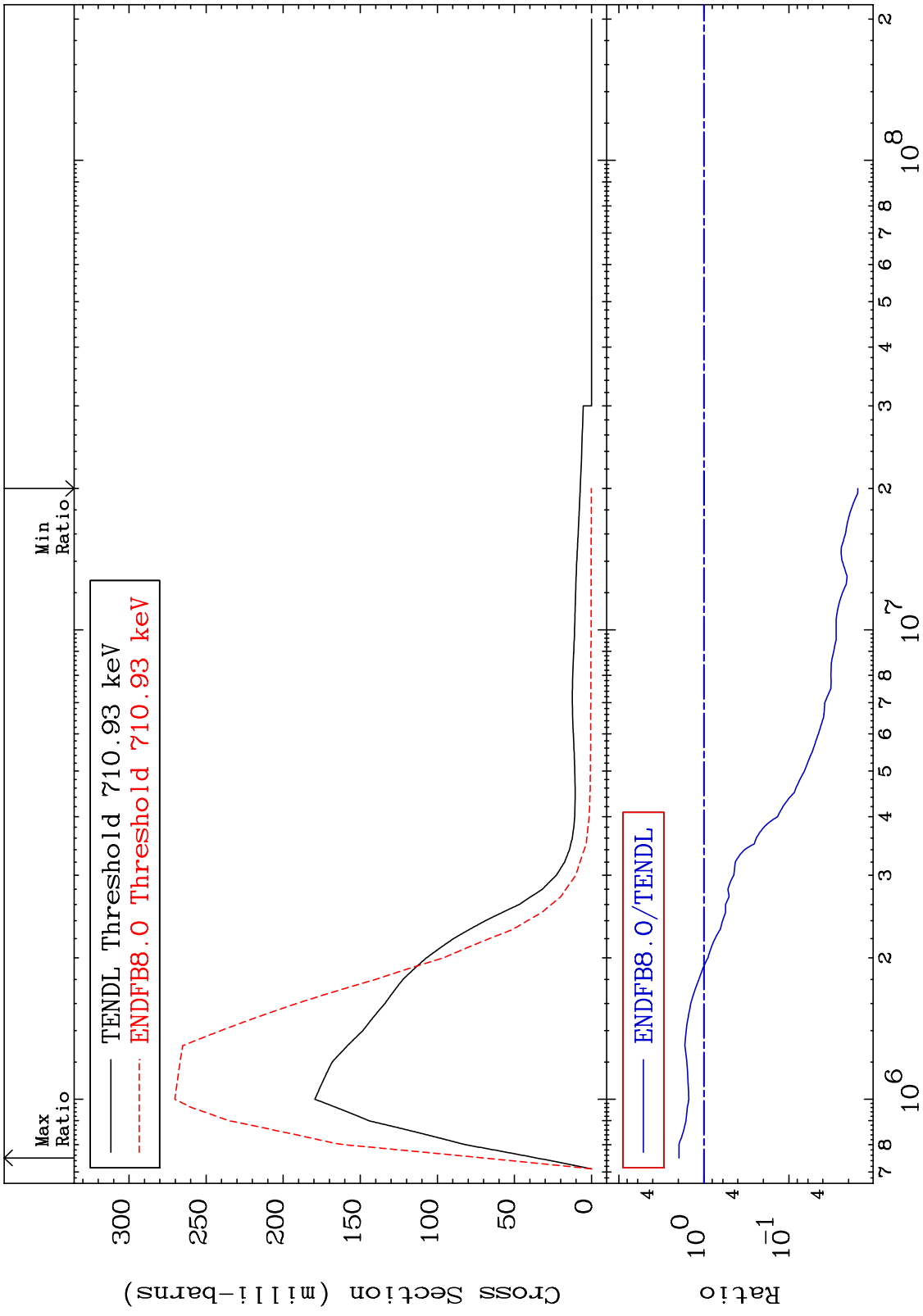
94-Pu-244
-76.32 To 728.7 %



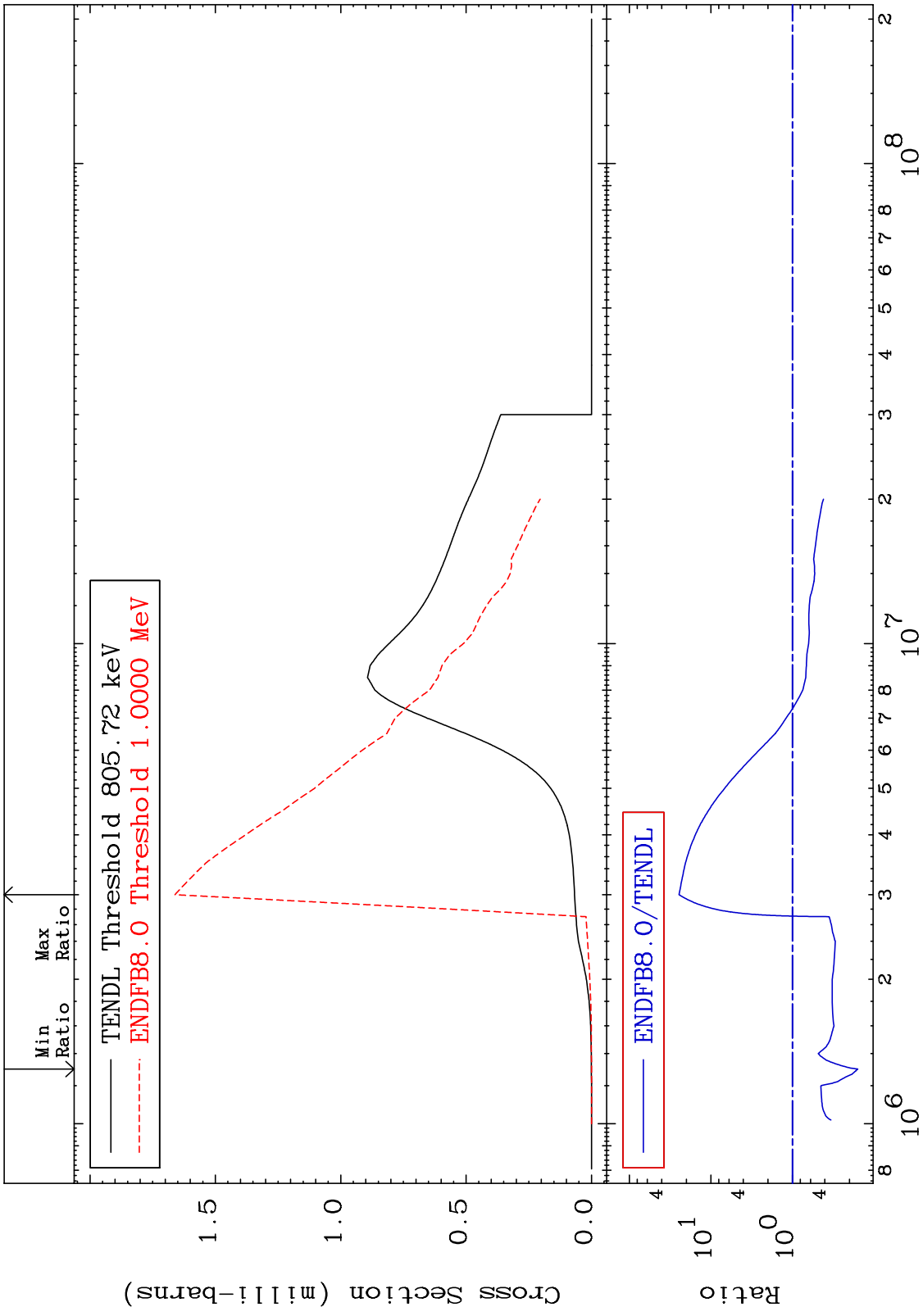
MAT 9452 MT= 54 (n,n') Level Cross Section 94-Pu-244
 -68.41 To 439.7 %



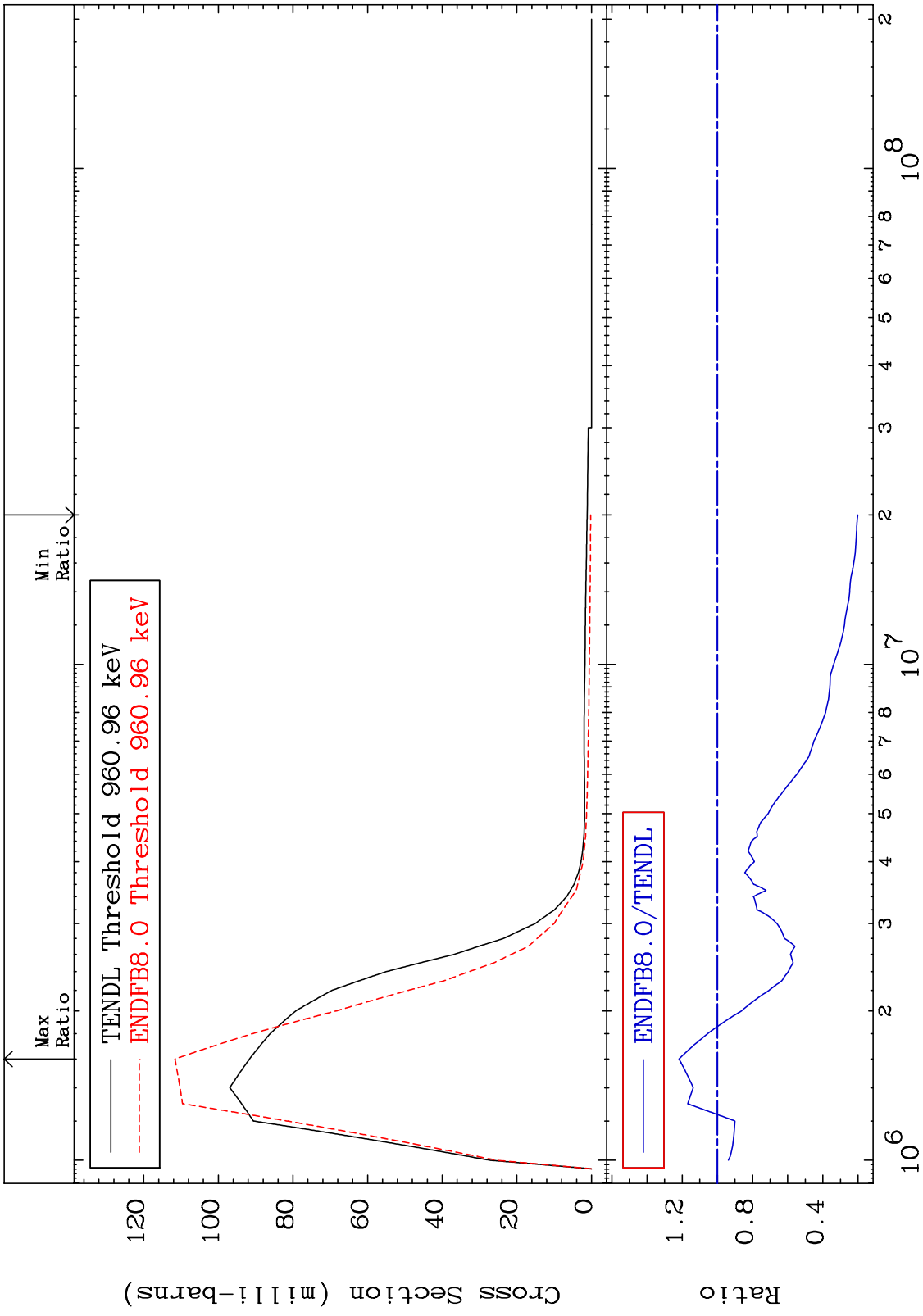
MAT 9452 MT= 55 (n,n') Level Cross Section 94-Pu-244 -98.45 To 96.31 %



MAT 9452 MT= 56 (n,n') Level Cross Section 94-Pu-244 -84.22 To 2355. %



MAT 9452 MT= 57 (n,n') Level Cross Section 94-Pu-244
 -79.87 To 21.79 %

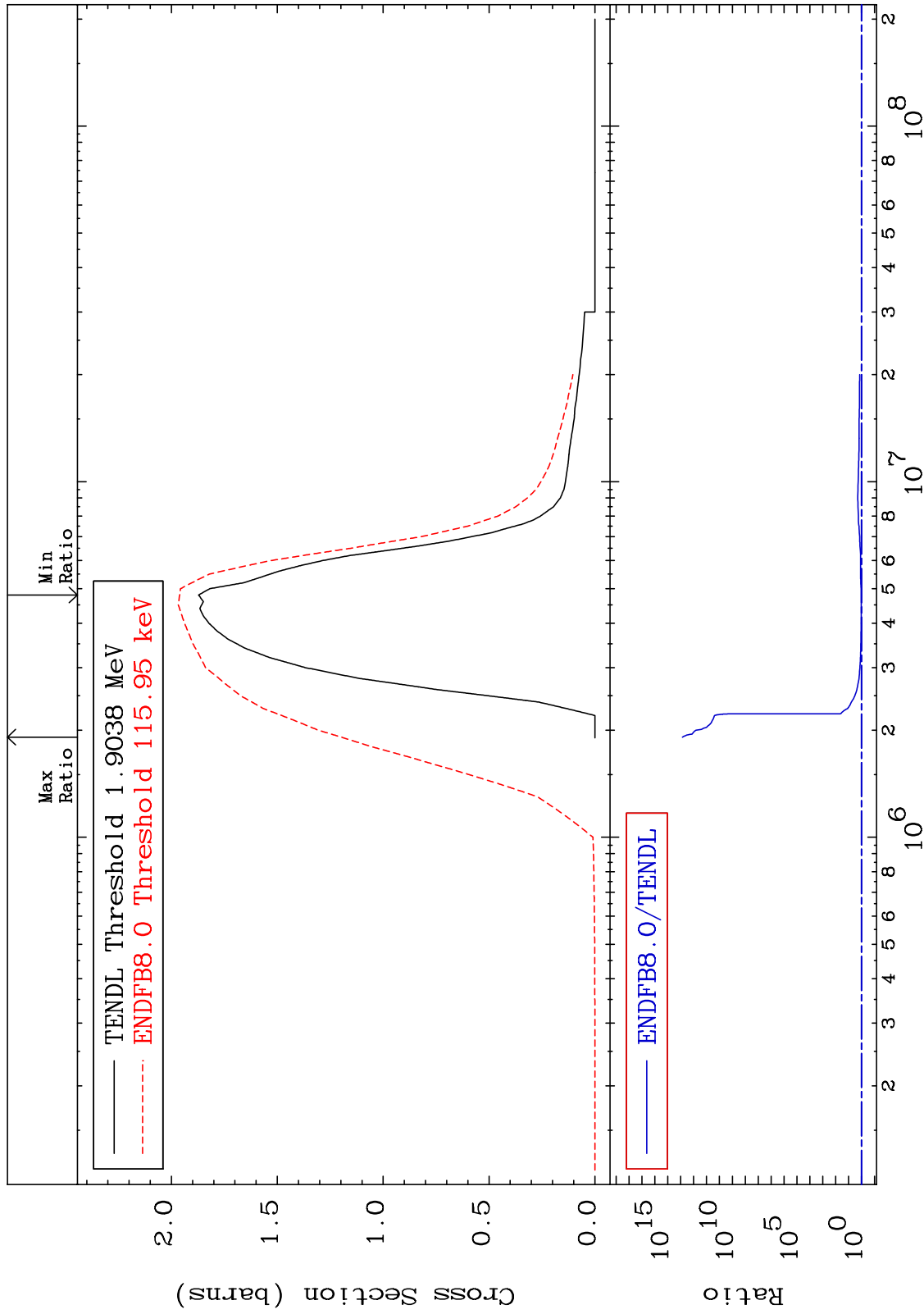


18 Incident Energy (eV) 94-Pu-244

MAT 9452

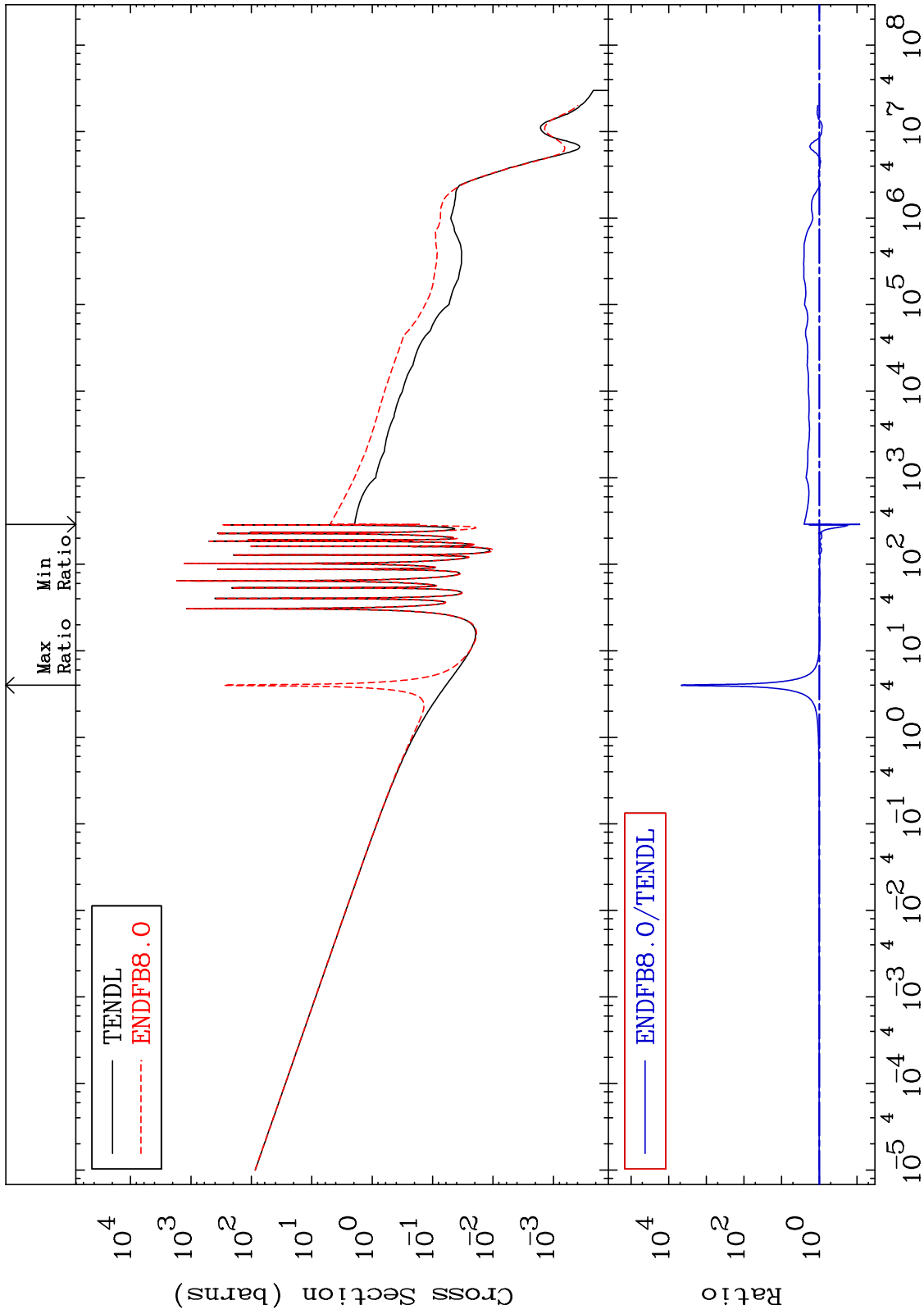
(n, n') Continuum
Cross Section

94-Pu-244
4.787 To 9999. %

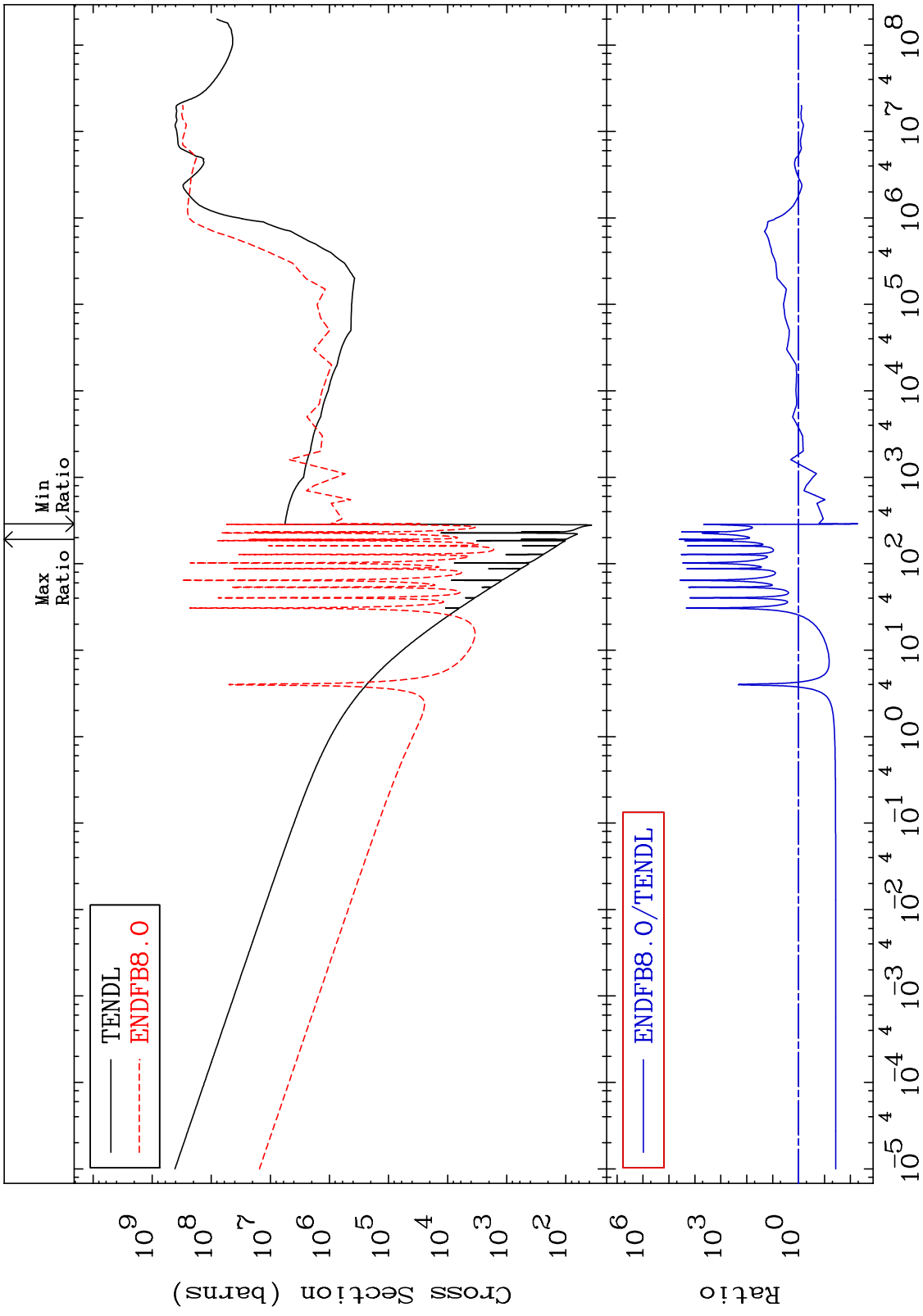


MAT 9452

(n, γ)
Cross Section
94-Pu-244
-91.51 To 9999. %



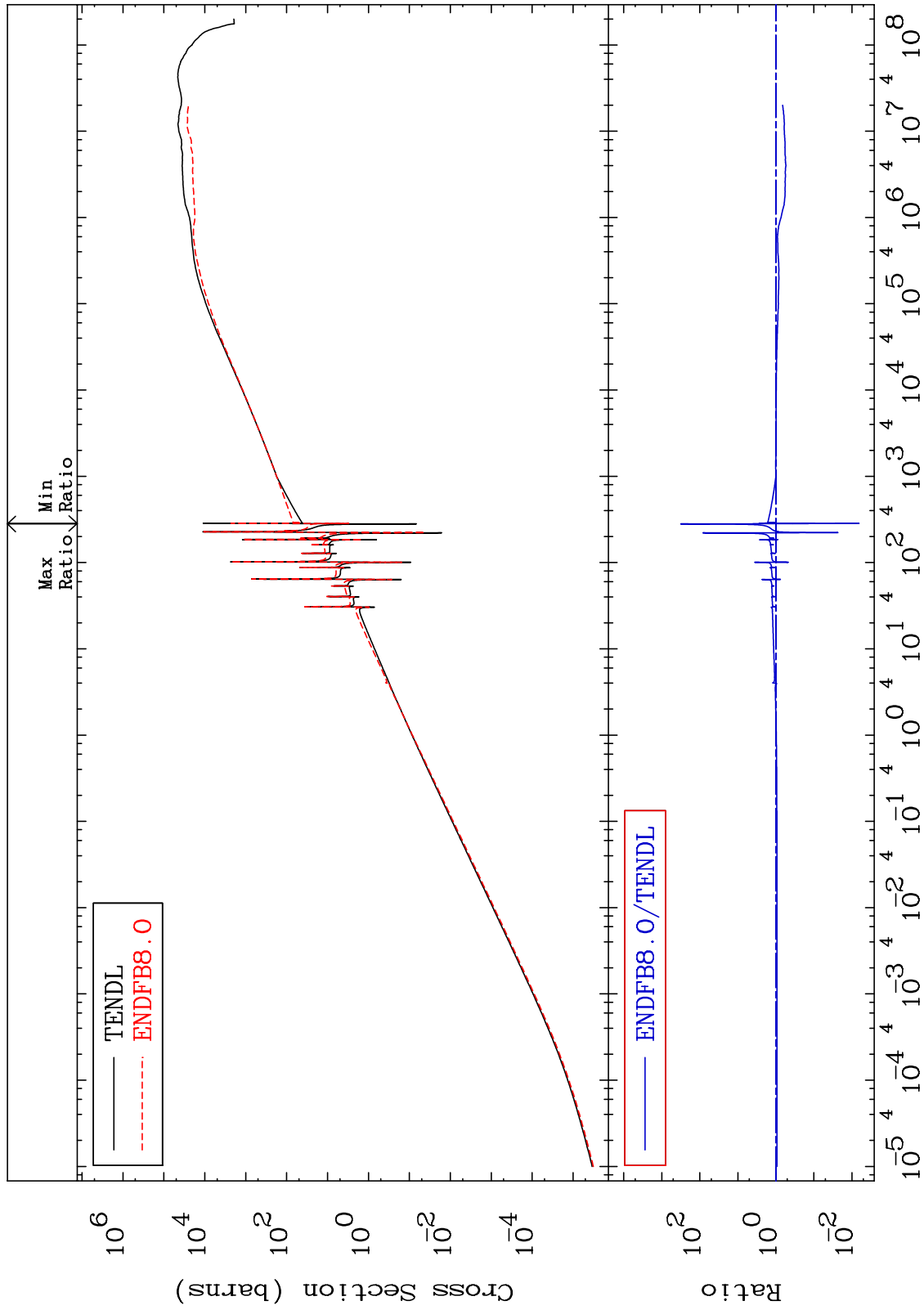
MAT 9452 Kerma total (eV-barns) 94-Pu-244
 Cross Section -99.48 To 9999. %



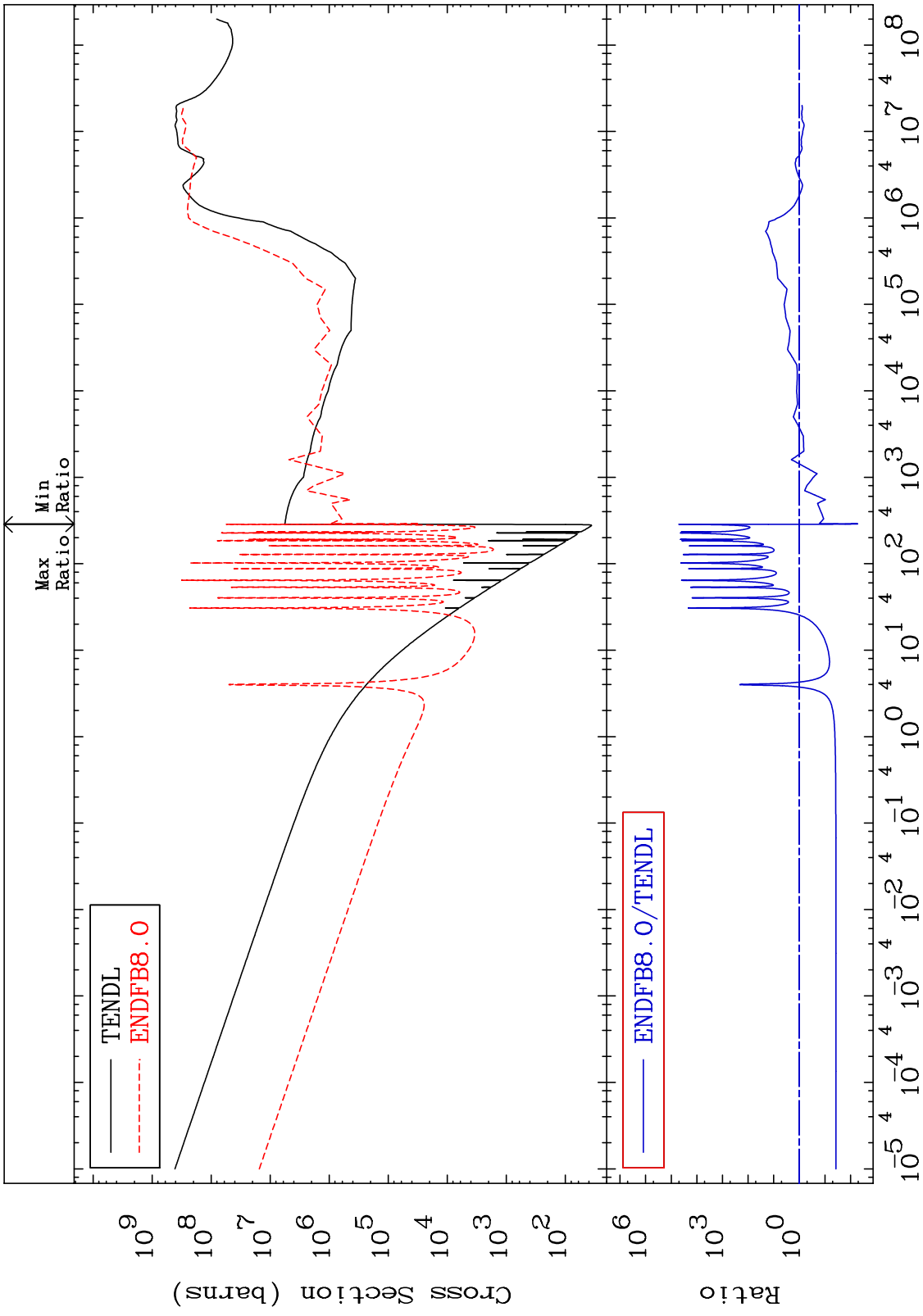
MAT 9452

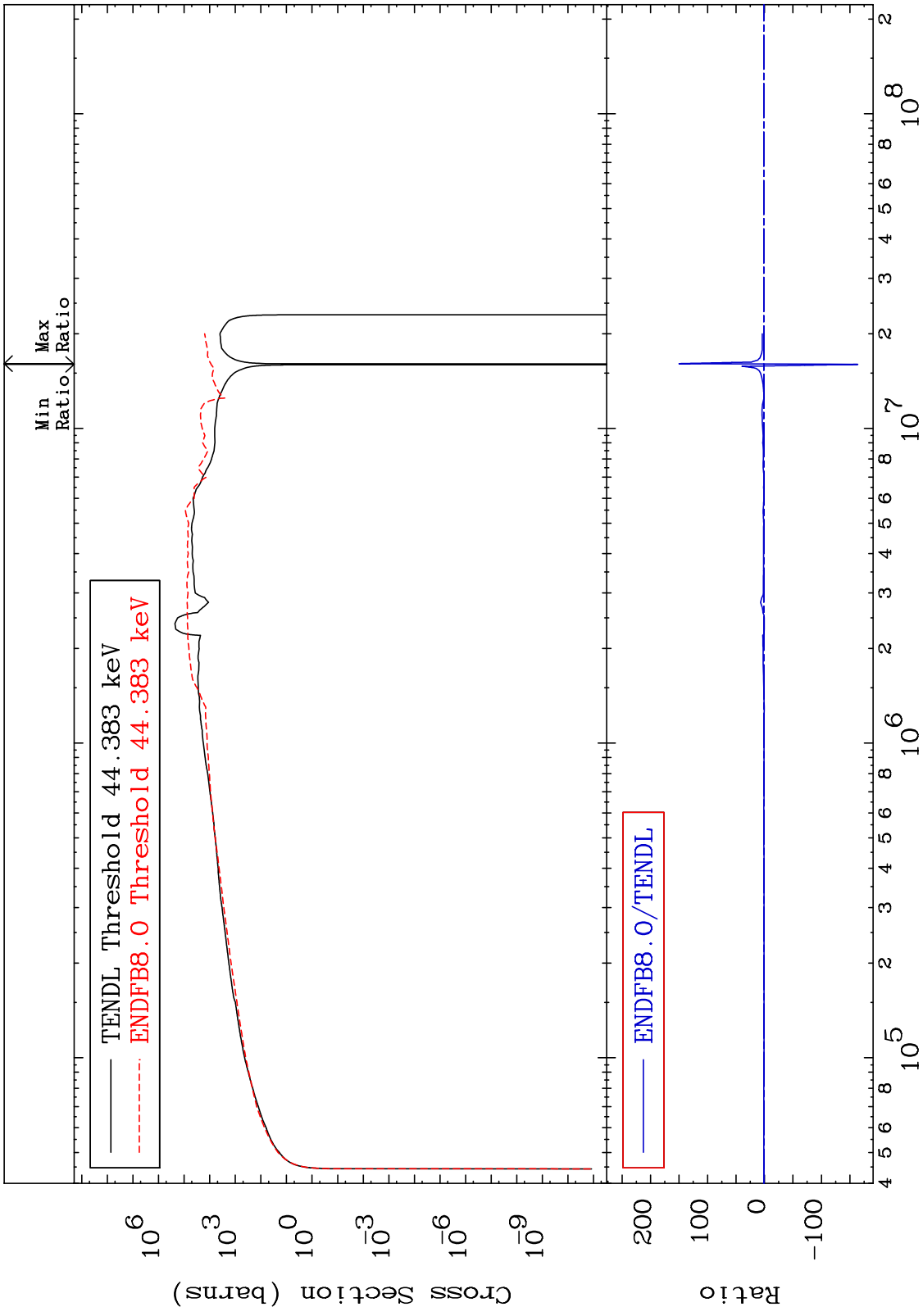
Kerma elastic
Cross Section

94-Pu-244
-99.35 To 9999. %



MAT 9452 Kerma non-elastic (all but mt2) 94-Pu-244
 Cross Section -99.48 To 9999. %

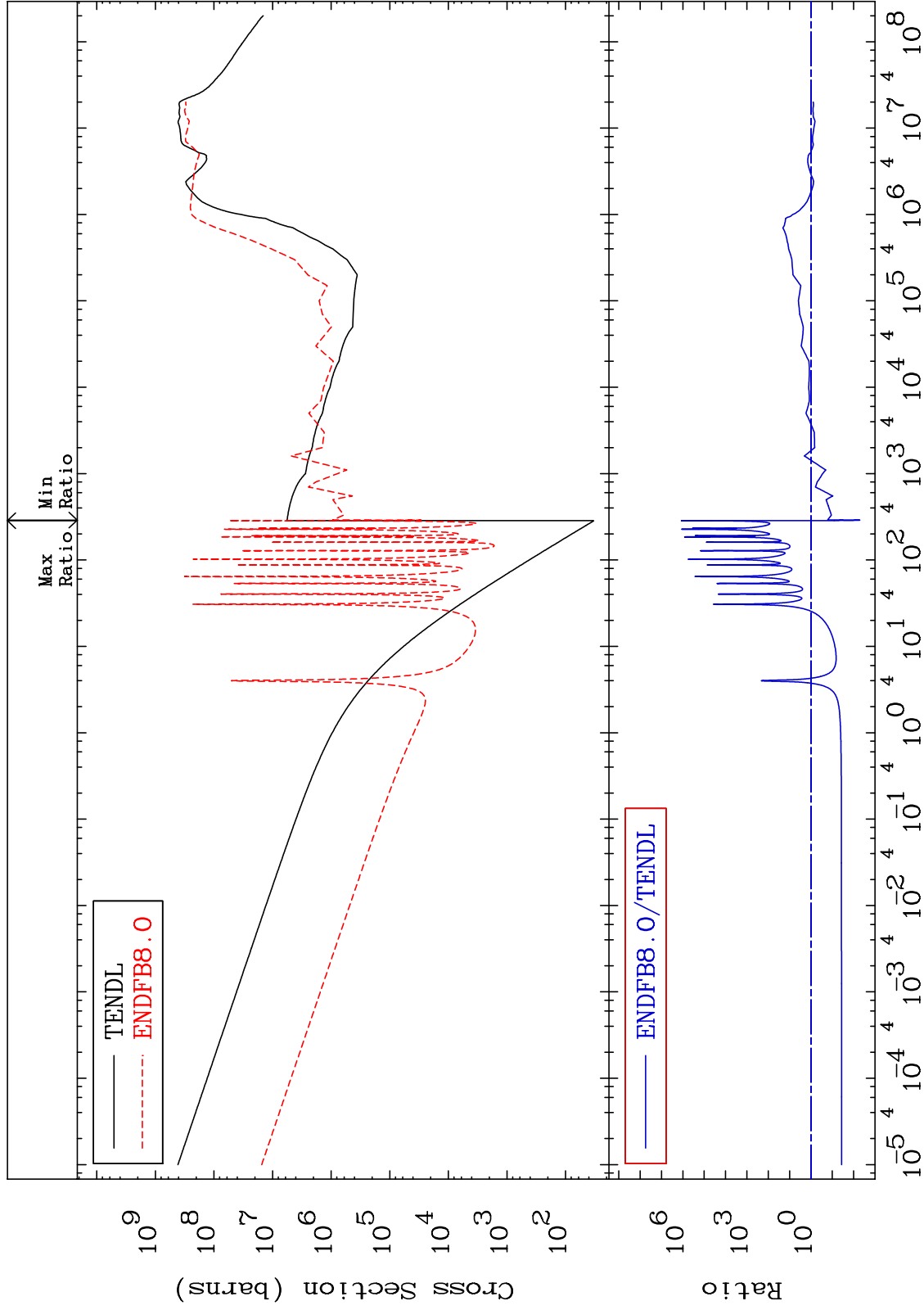




MAT 9452

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

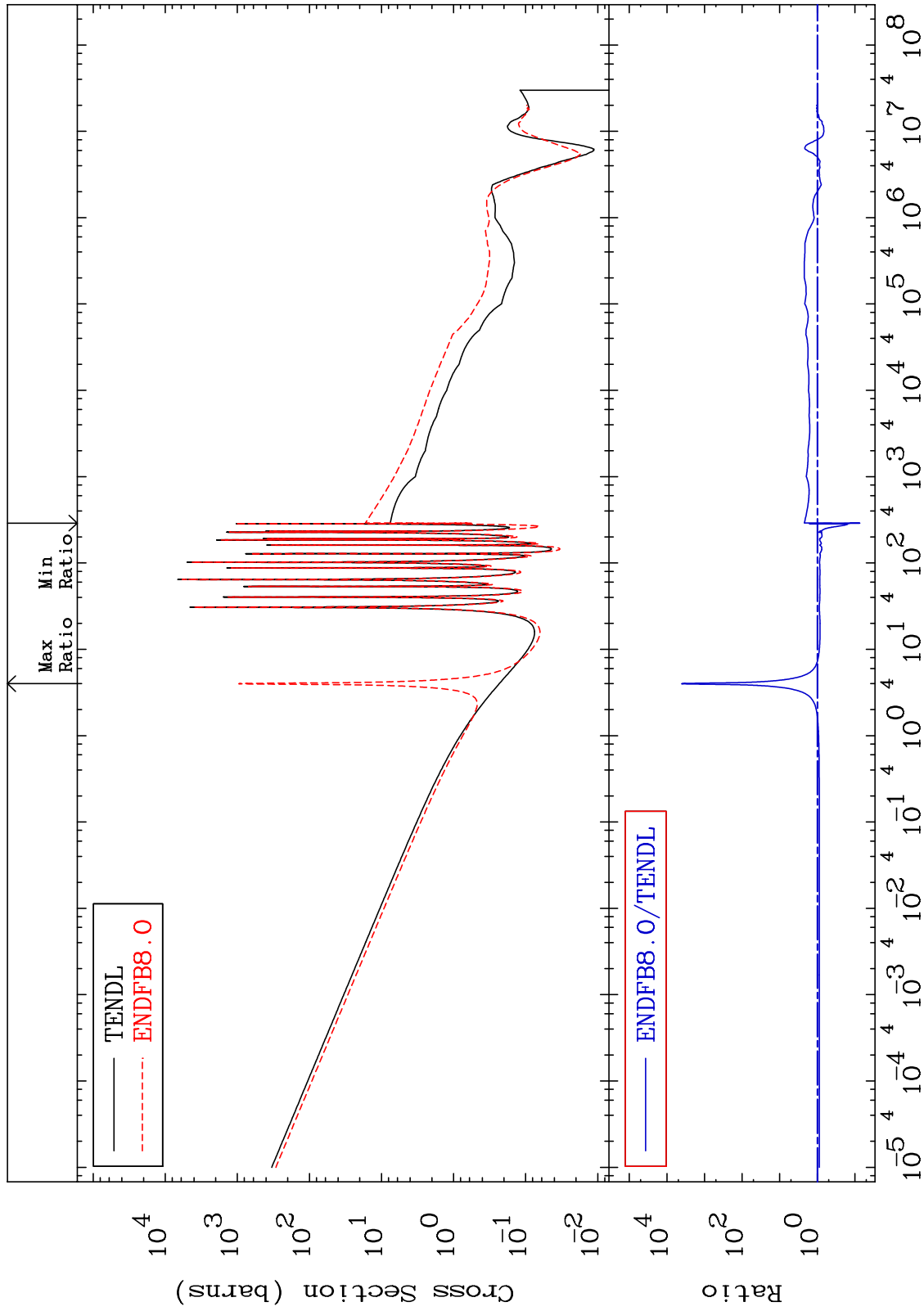
94-Pu-244
-99.48 To 9999. %



MAT 9452

Kerma capture (mt102)
Cross Section

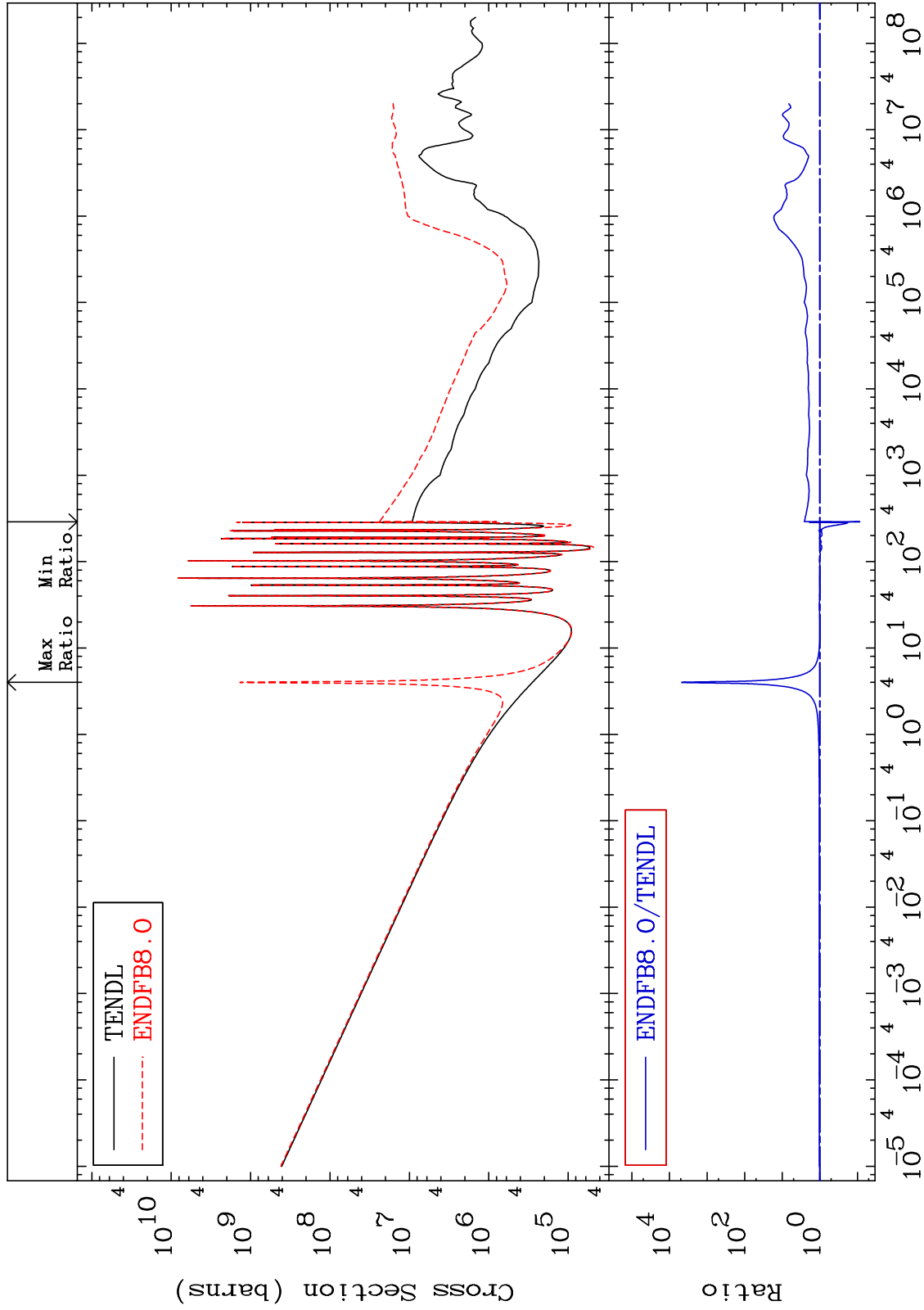
94-Pu-244
-92.58 To 9999. %



MAT 9452

Total photon (eV-barns)
Cross Section

94-Pu-244
-91.32 To 9999. %



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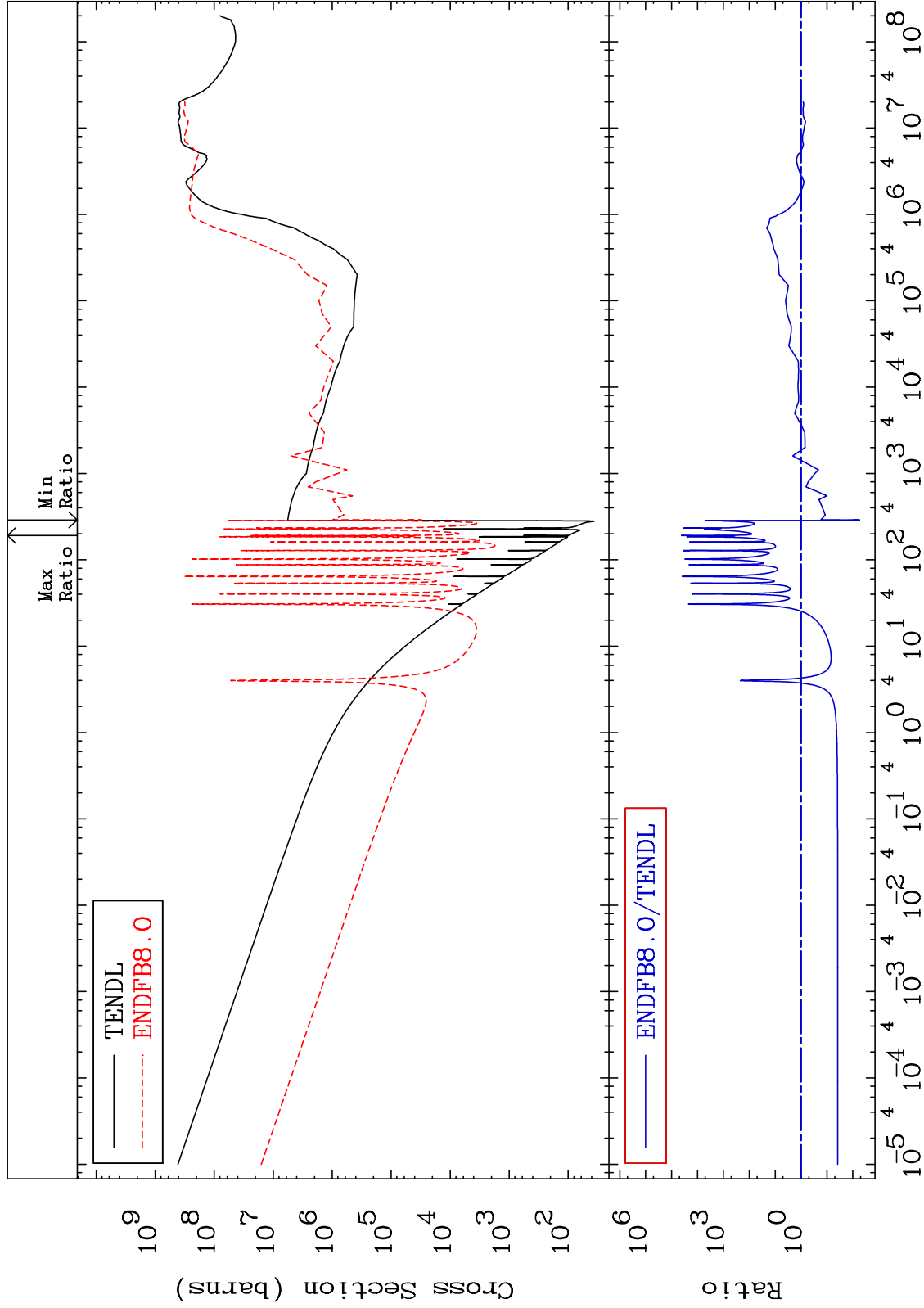
Incident Energy (eV)

94-Pu-244

MAT 9452

Total kinematic kerma (high limit)
Cross Section

94-Pu-244
-99.46 To 9999. %



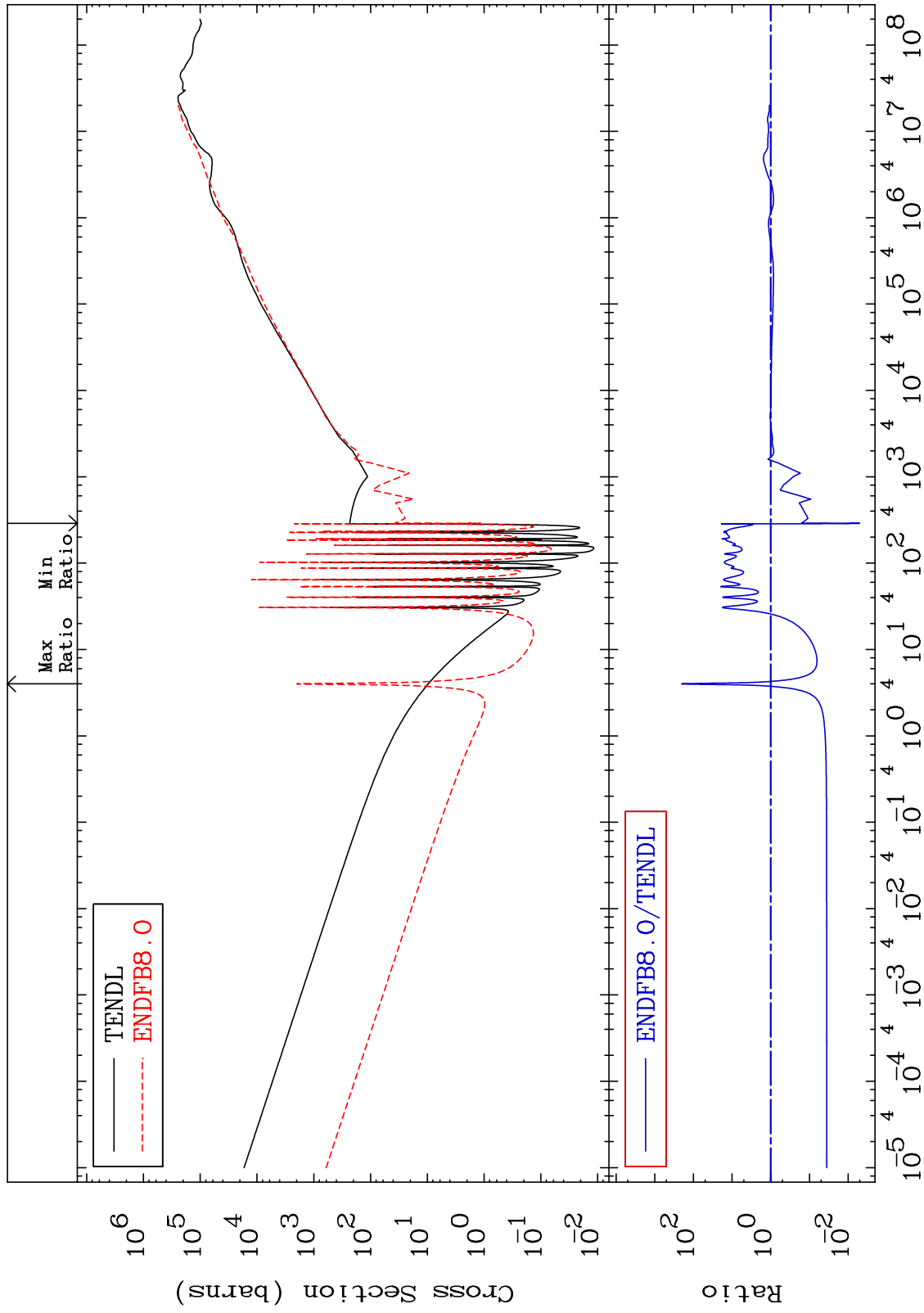
MAT 9452

Dpa total (eV-barns)

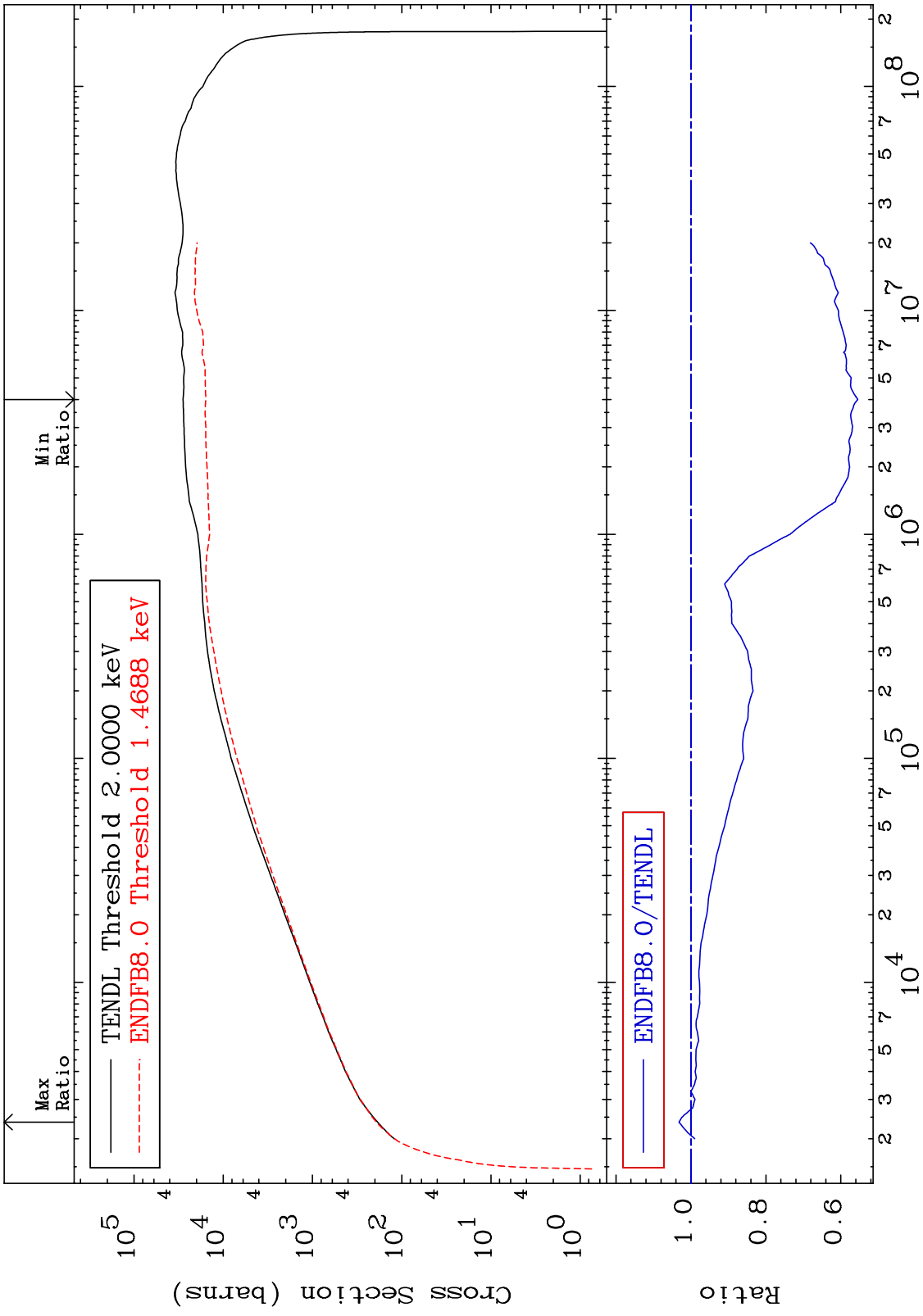
94-Pu-244

-99.50 To 9999. %

Cross Section

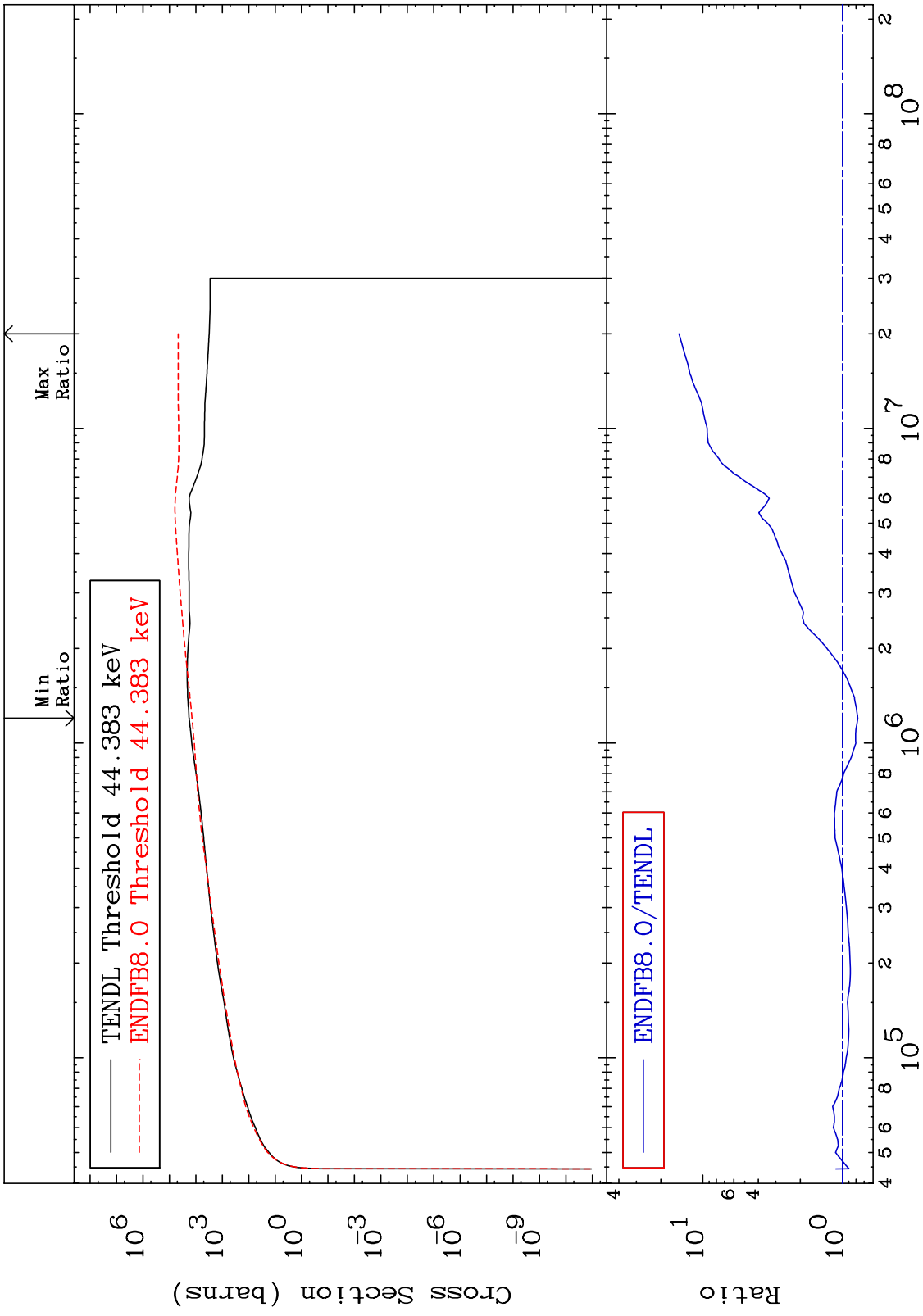


MAT 9452 94-Pu-244
 Dpa elastic (mt2) -44.54 To 3.172 %
 Cross Section



30 94-Pu-244

MAT 9452 Dpa inelastic (mt51-91) 94-Pu-244
 Cross Section -22.46 To 1381. %



MAT 9452

Dpa disappearance (mt102 -120)
Cross Section

94-Pu-244
-99.99 To 9999. %

