

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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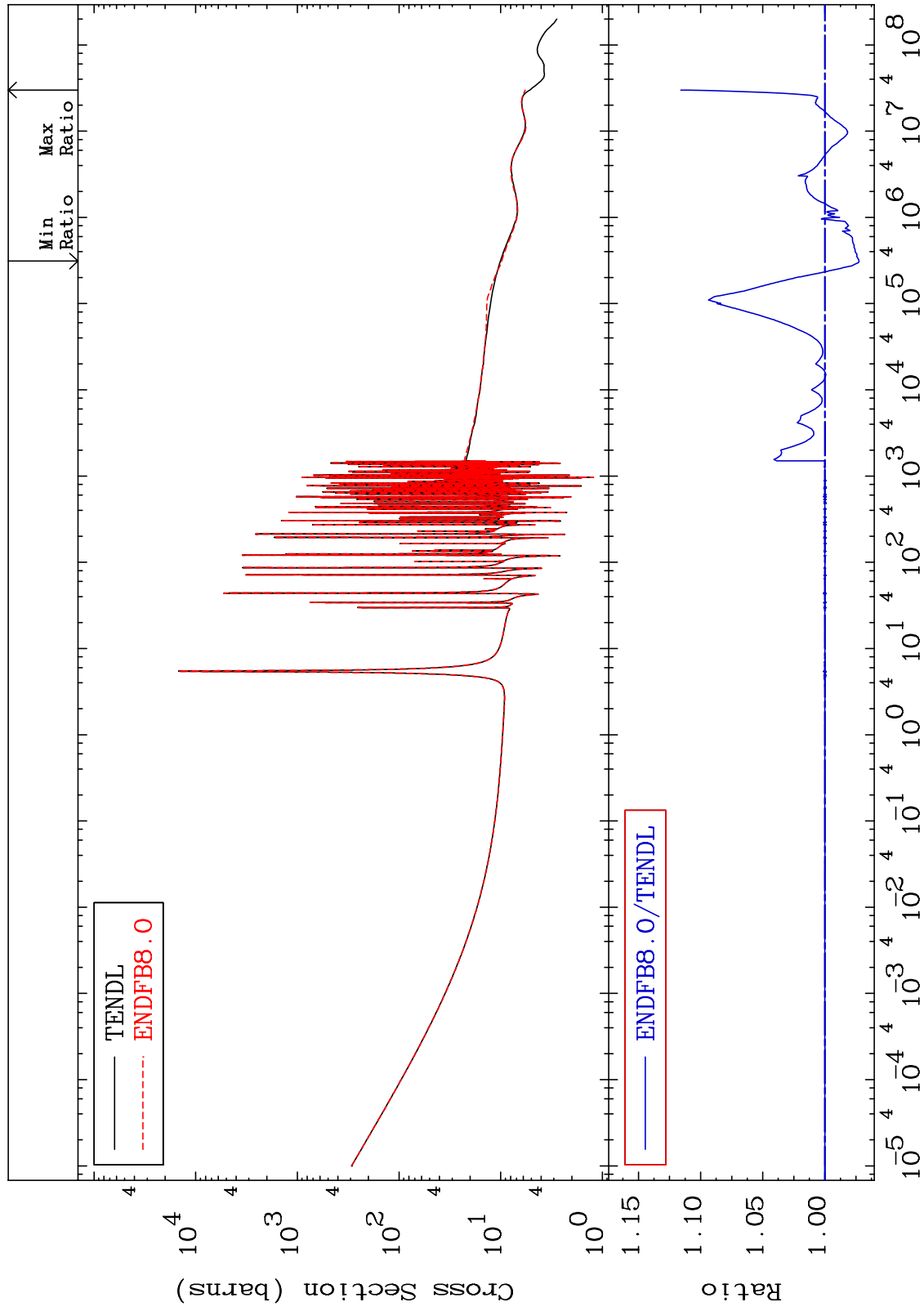
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9231

Total
Cross Section

92-U -236
-2.747 To 11.59 %



Incident Energy (eV)

92-U -236

1

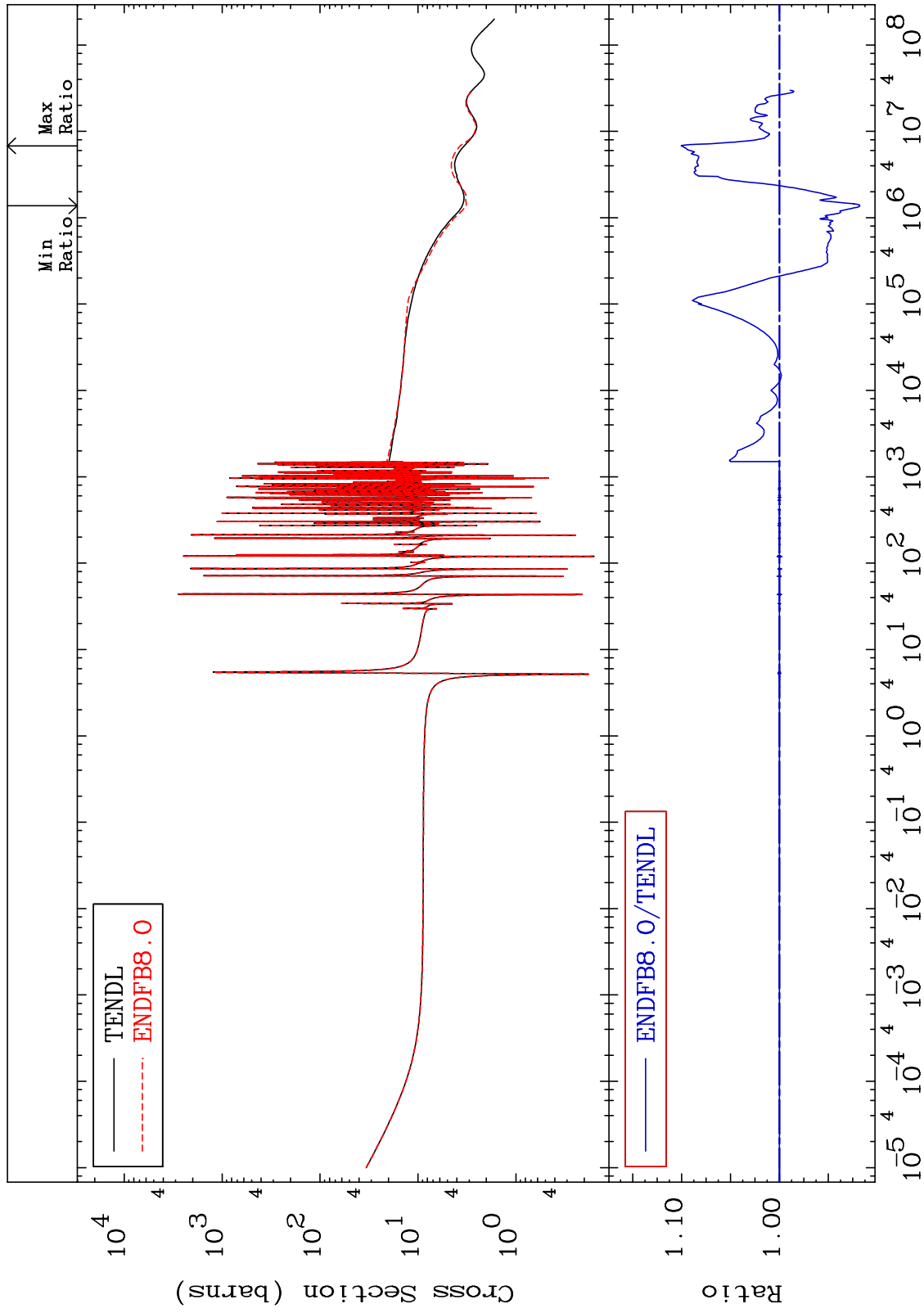
MAT 9231

Elastic

Cross Section

92-U -236

-8.214 To 10.04 %



2

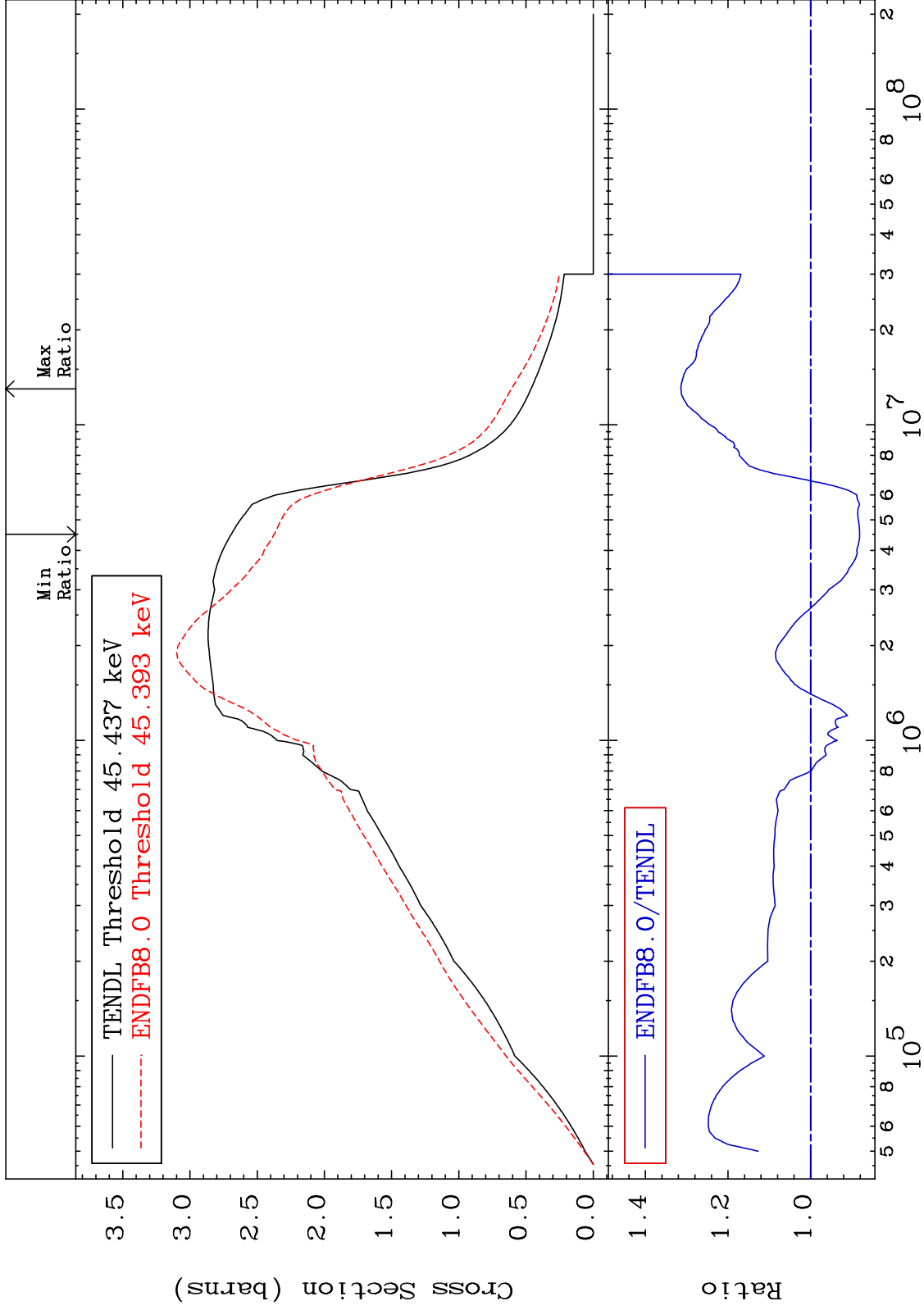
Incident Energy (eV)

92-U -236

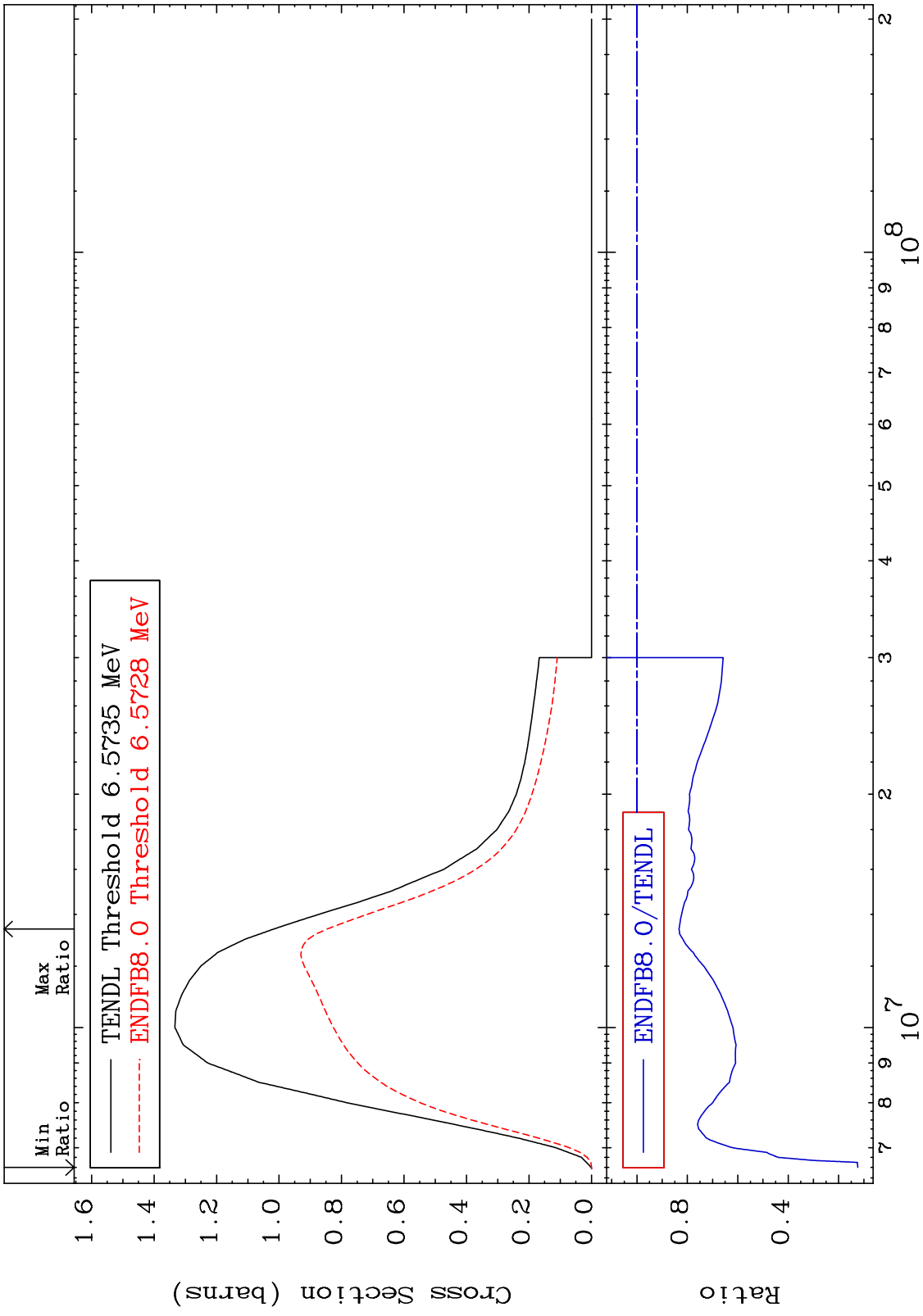
MAT 9231

Inelastic
Cross Section

92-U -236
-11.87 To 31.42 %



MAT 9231 (n,2n) Cross Section 92-U -236 -87.62 To -16.71%



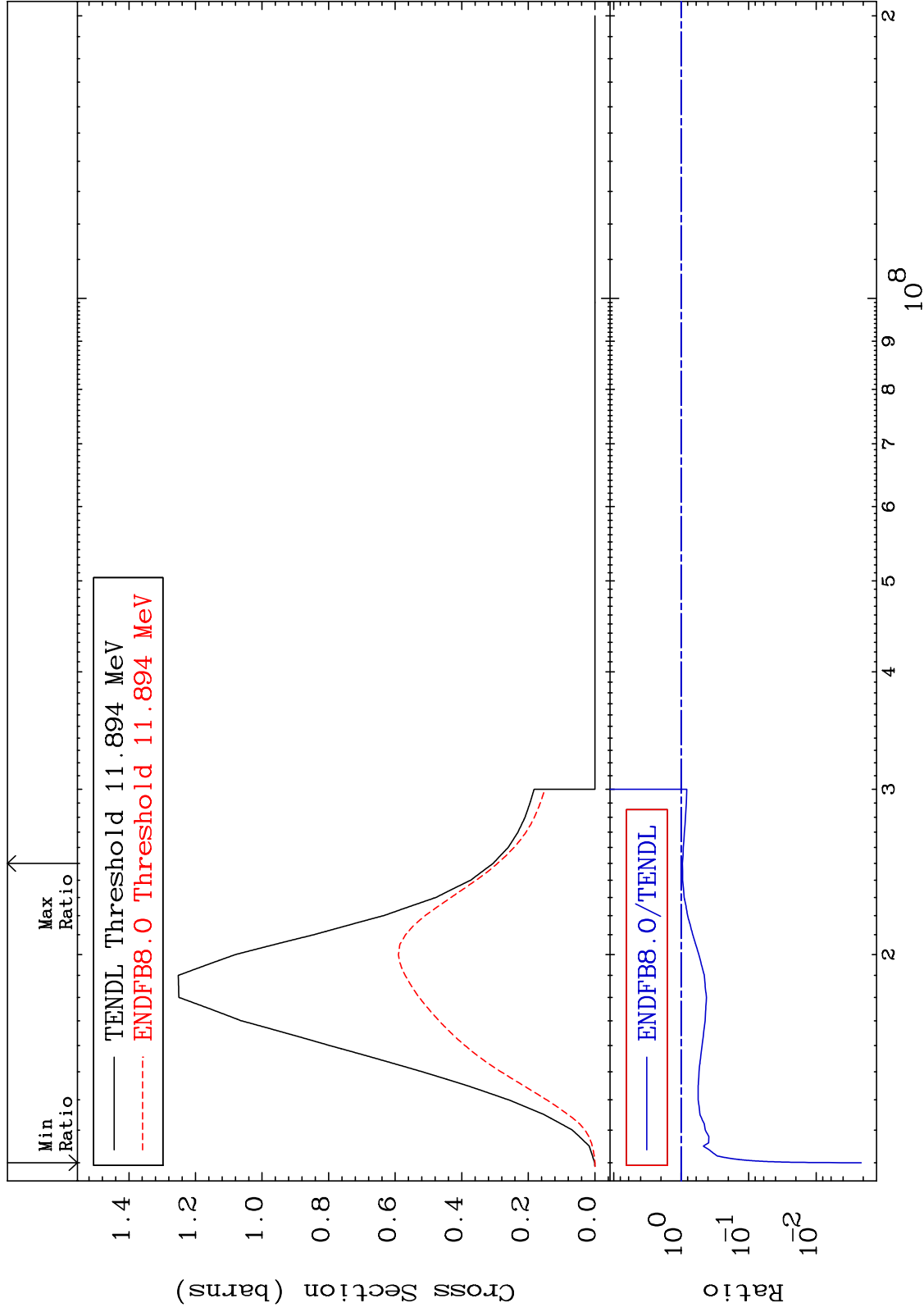
MAT 9231

(n,3n)

92-U -236

Cross Section

-99.79 To -4.248%



5

Incident Energy (eV)

92-U -236

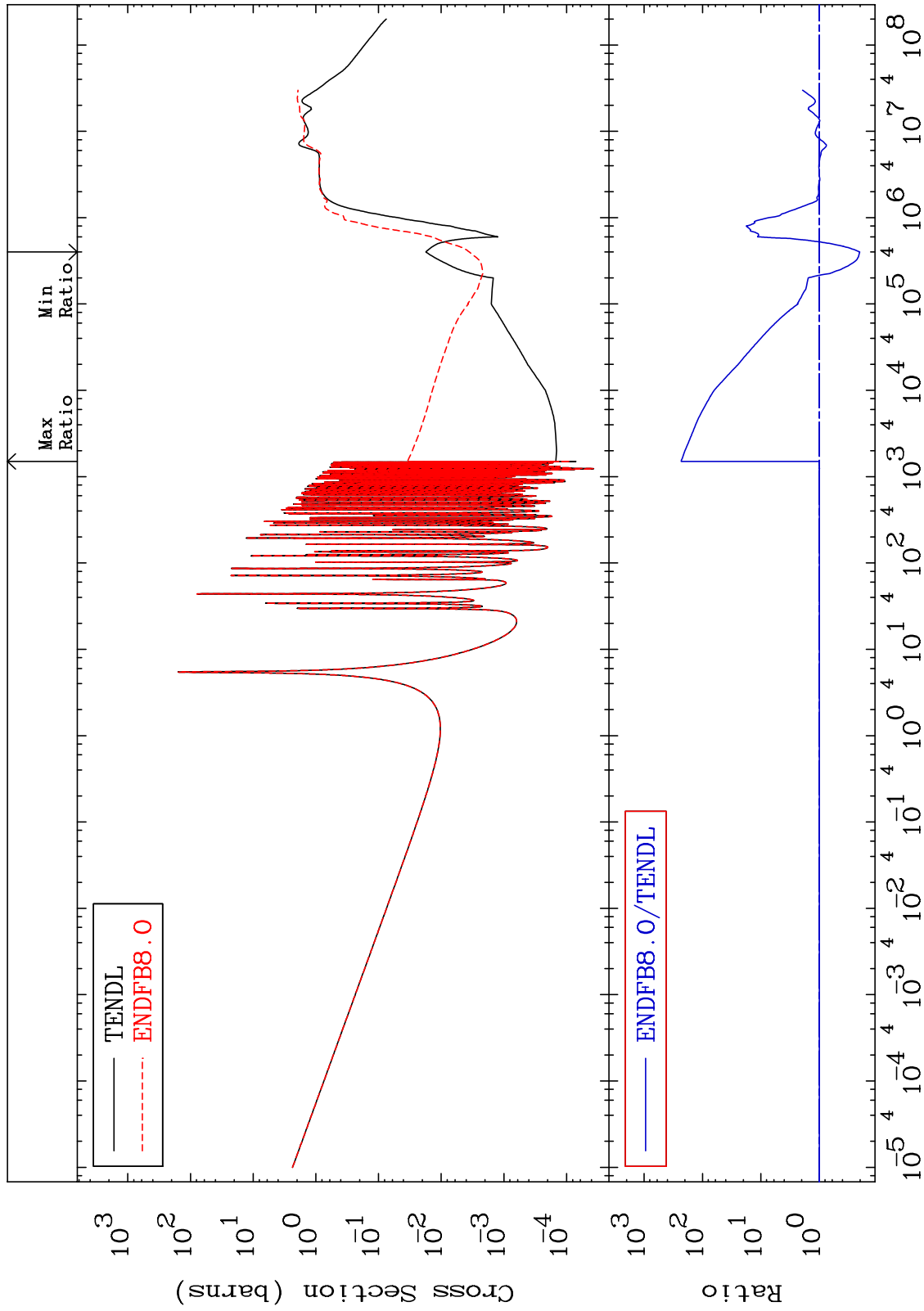
MAT 9231

Fission

92-U -236

Cross Section

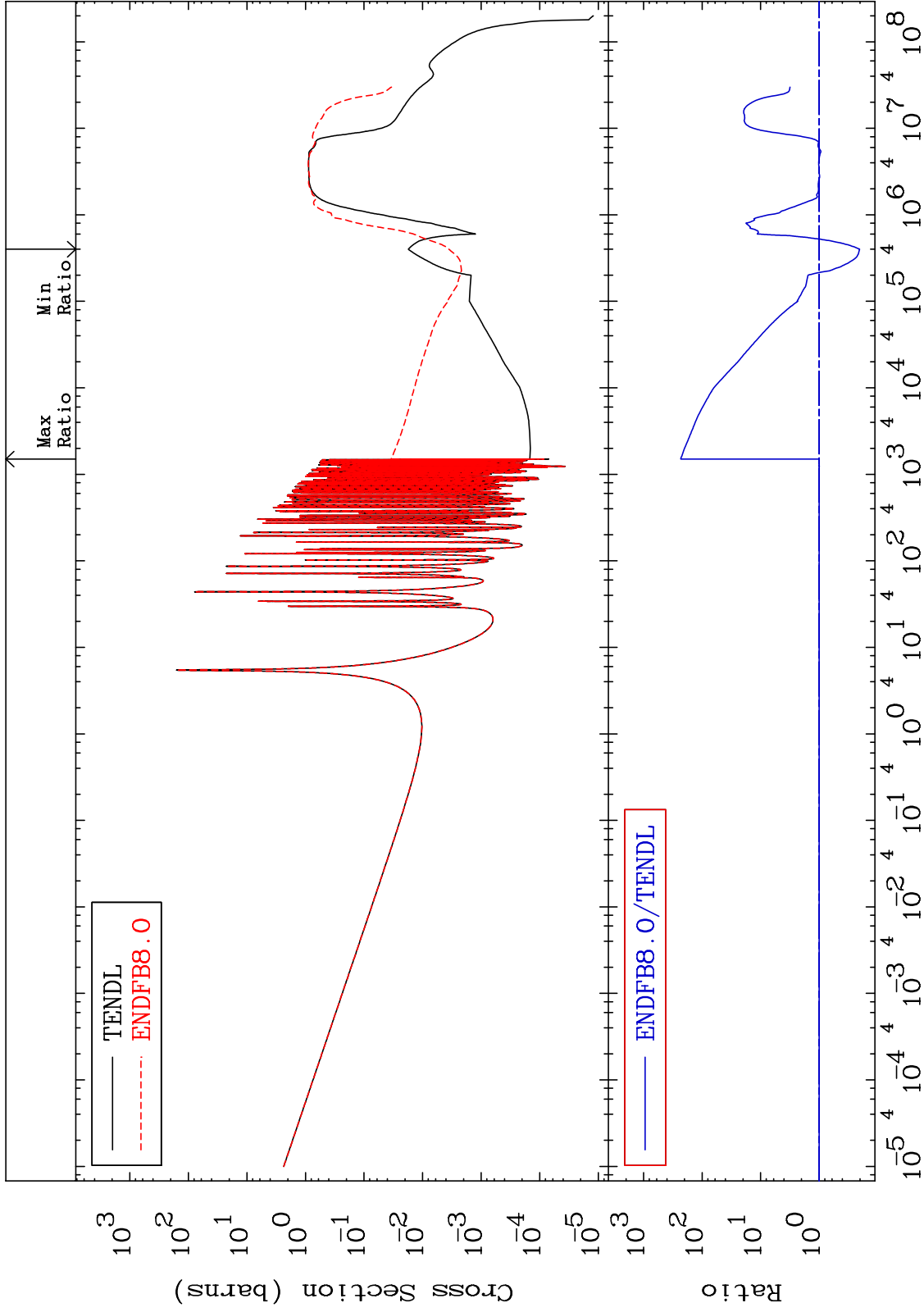
-79.73 To 9999. %



MAT 9231

(n,f) First Chance
Cross Section

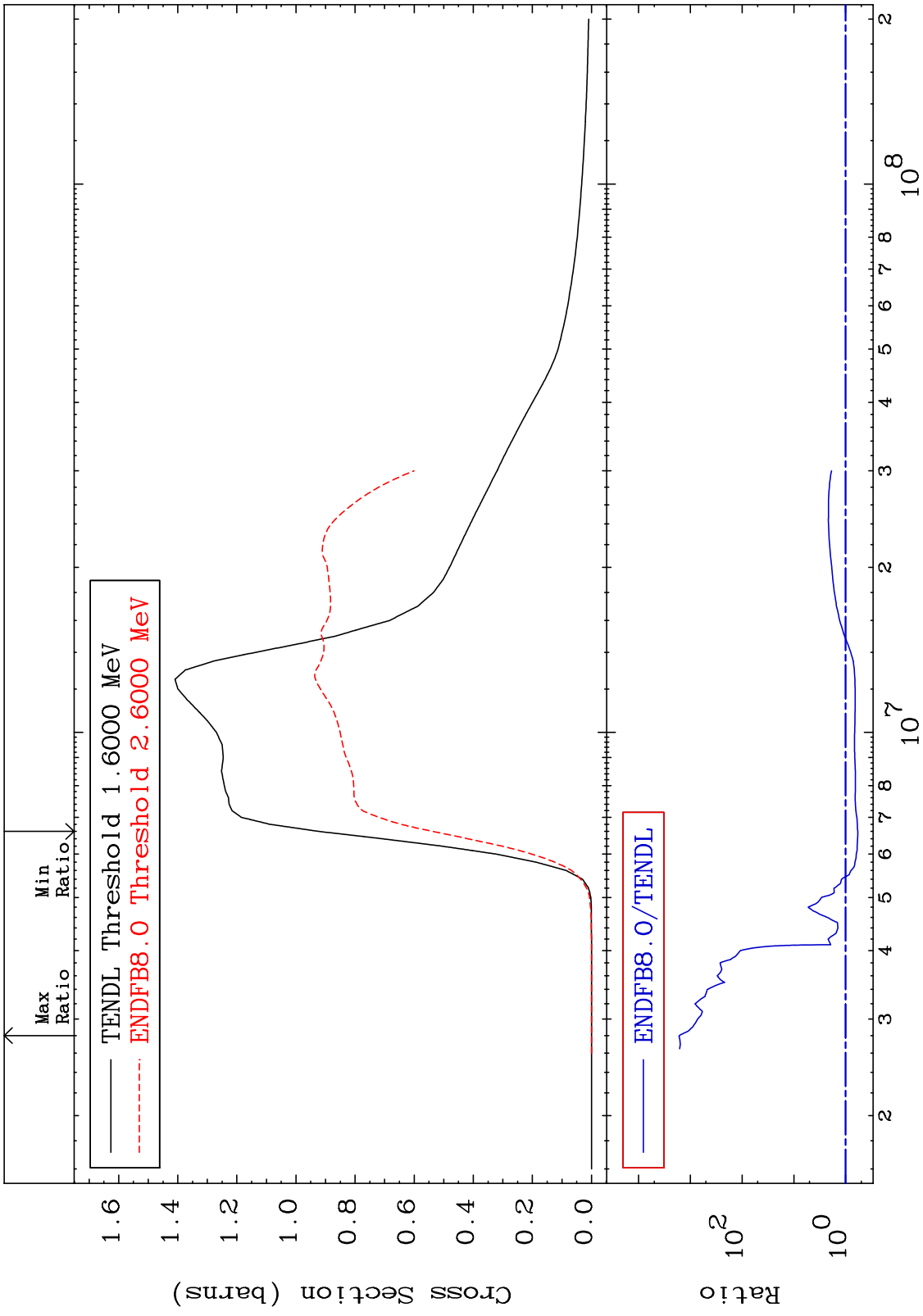
92-U -236
-79.73 To 9999. %



7

Incident Energy (eV)

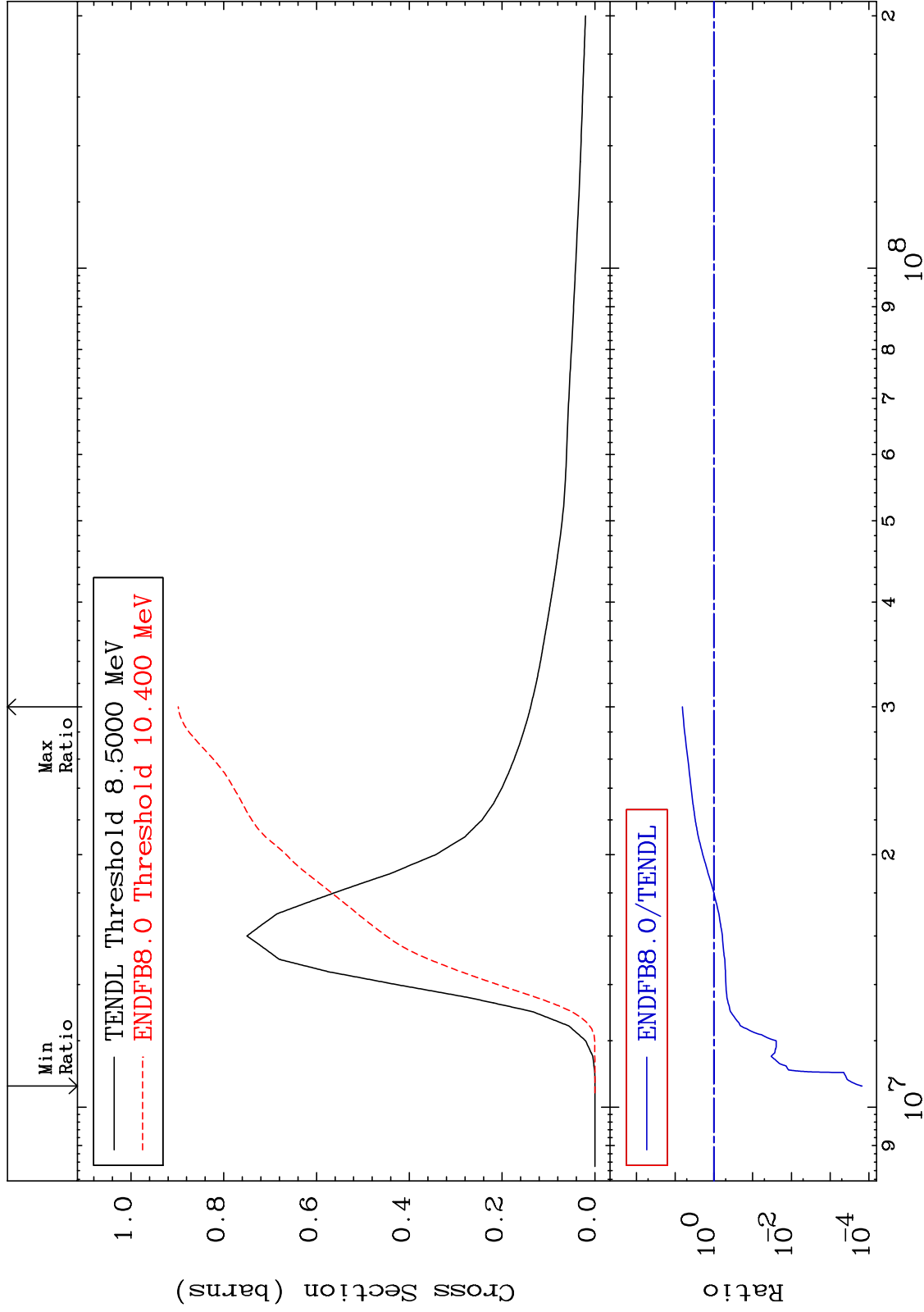
92-U -236



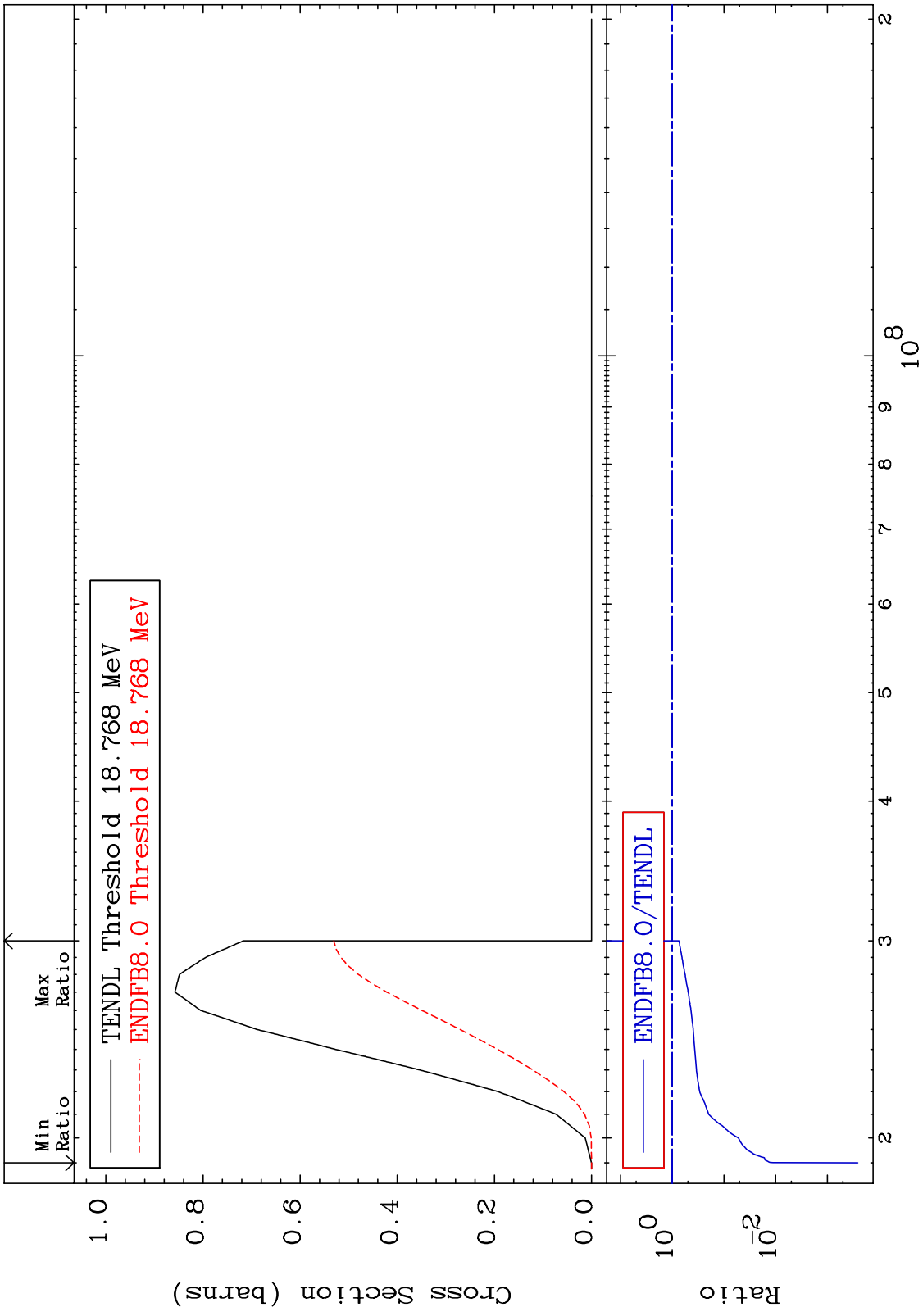
MAT 9231

(n,2nf) Third Chance
Cross Section

92-U -236
-99.98 To 548.6 %



MAT 9231 (n,4n) 92-U -236
Cross Section -99.97 To -25.96%

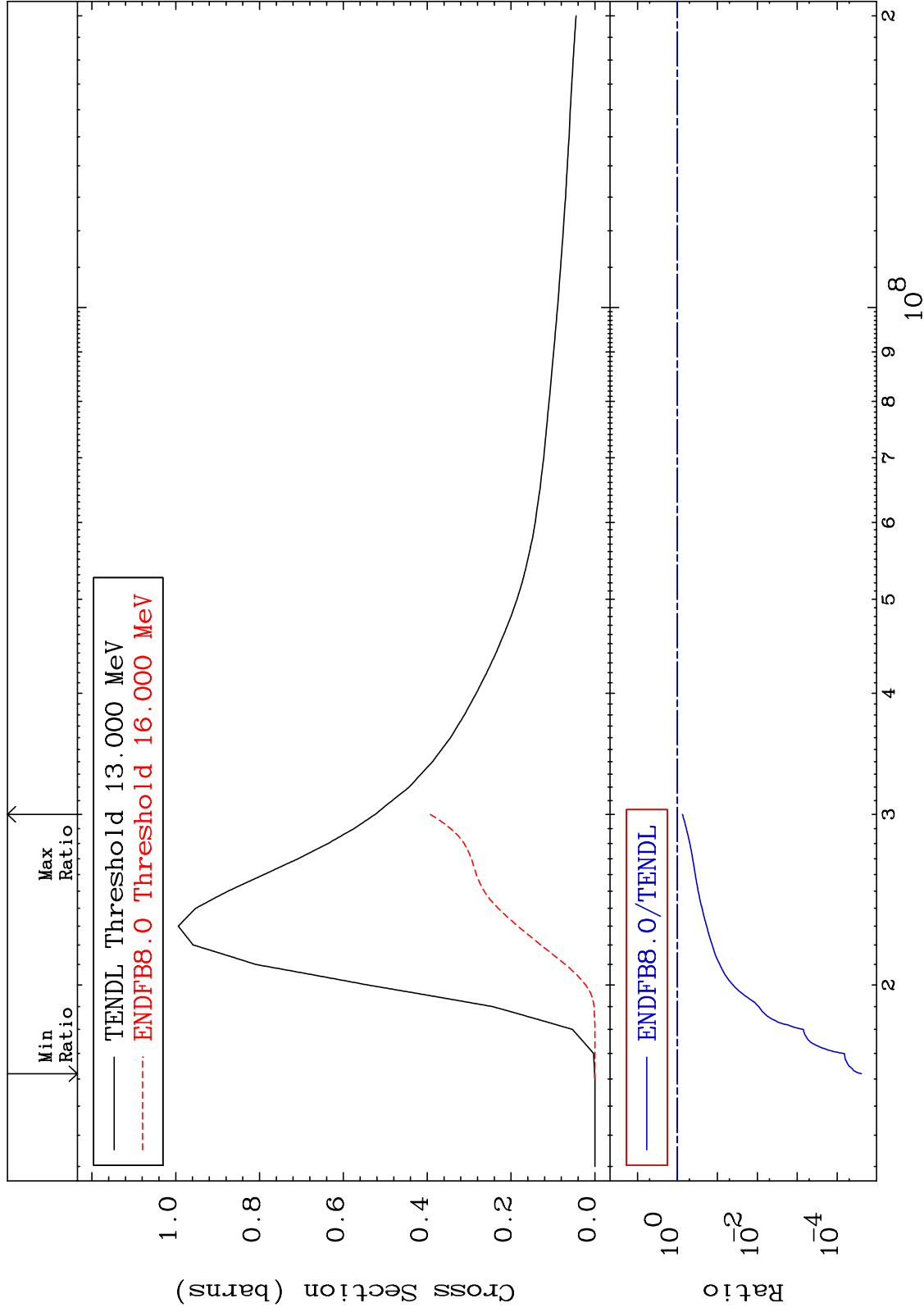


10 Incident Energy (eV) 92-U -236

MAT 9231

(n,3nf) Fourth Chance
Cross Section

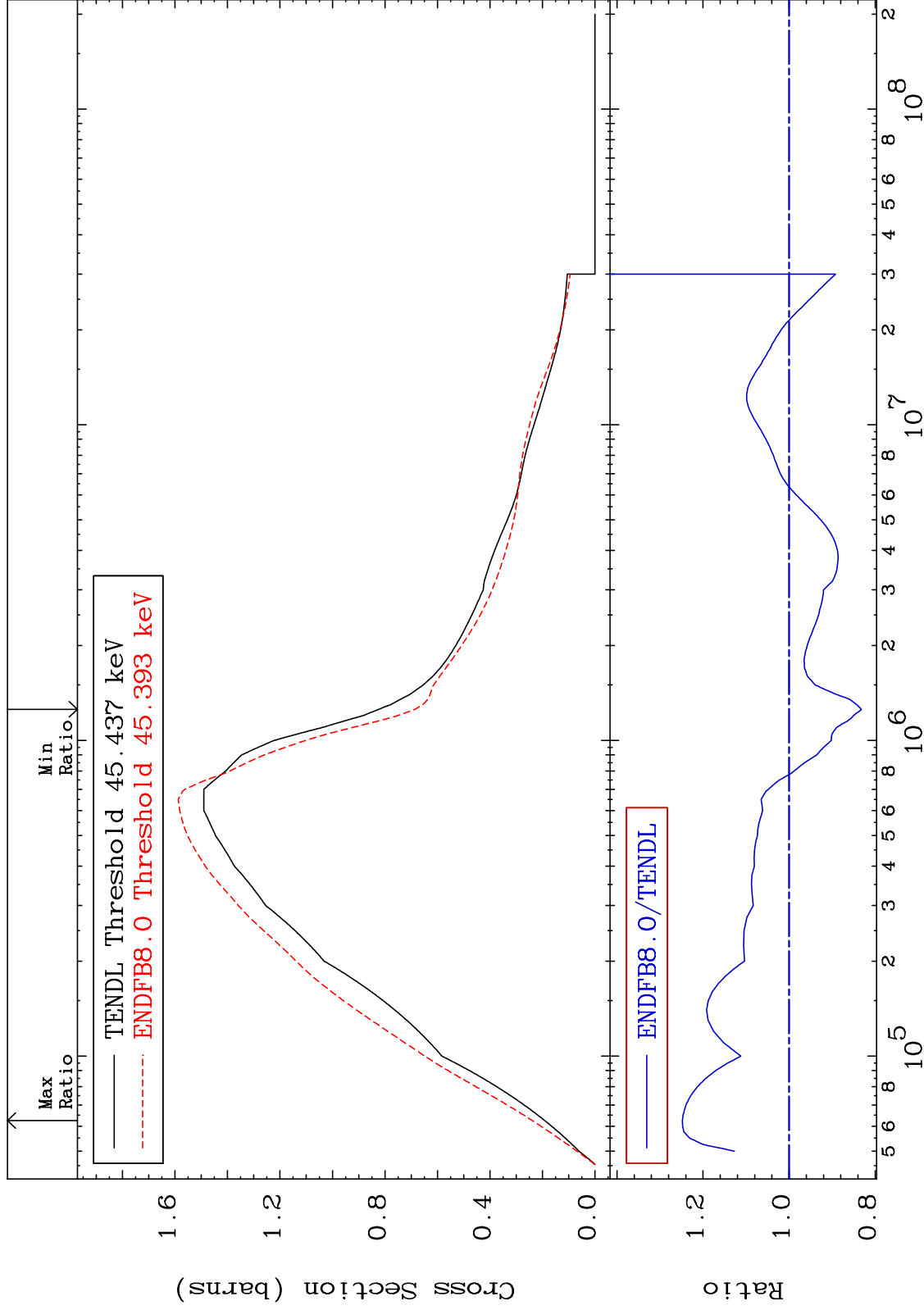
92-U -236
-100.0 To -25.07%



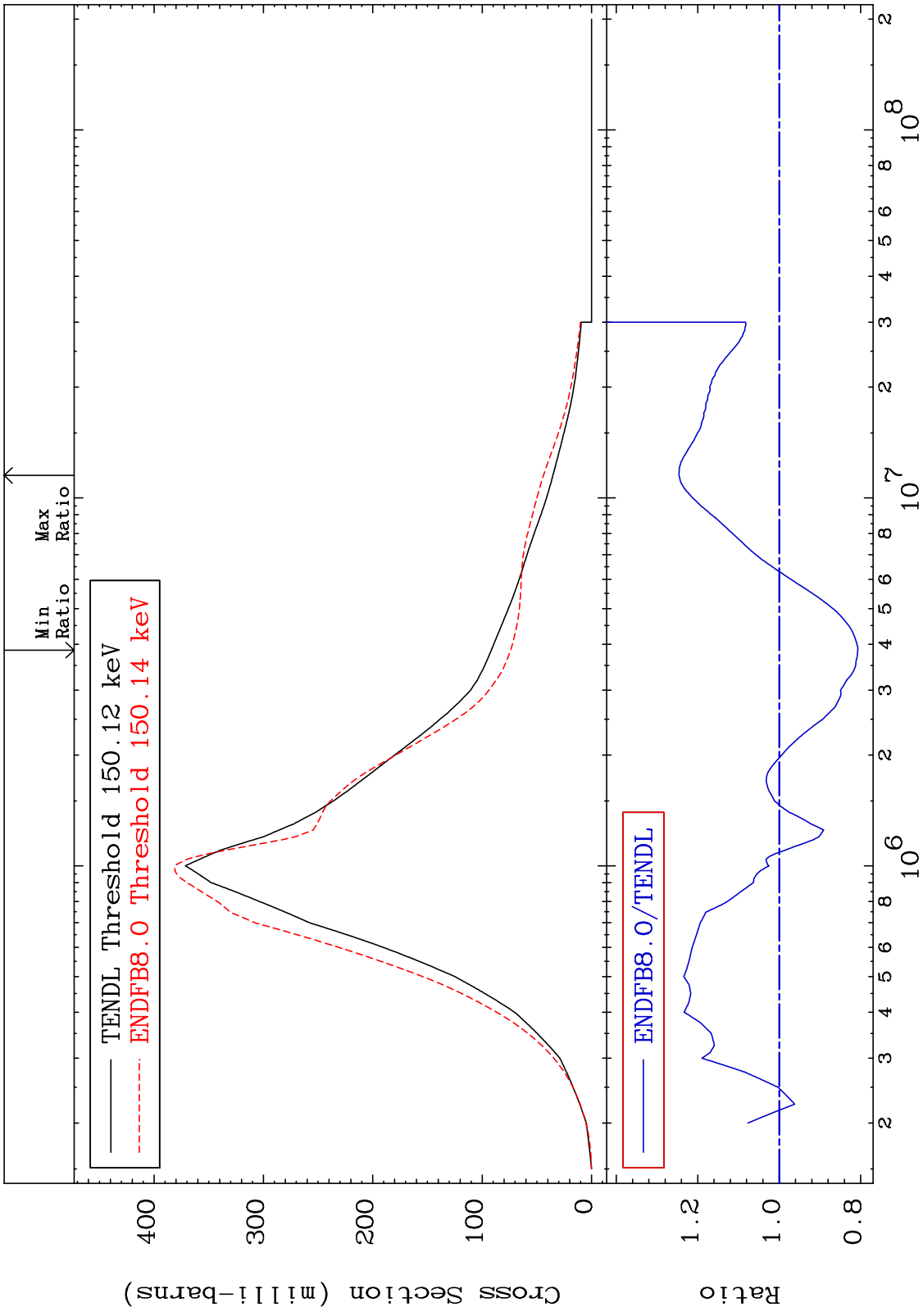
MAT 9231

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

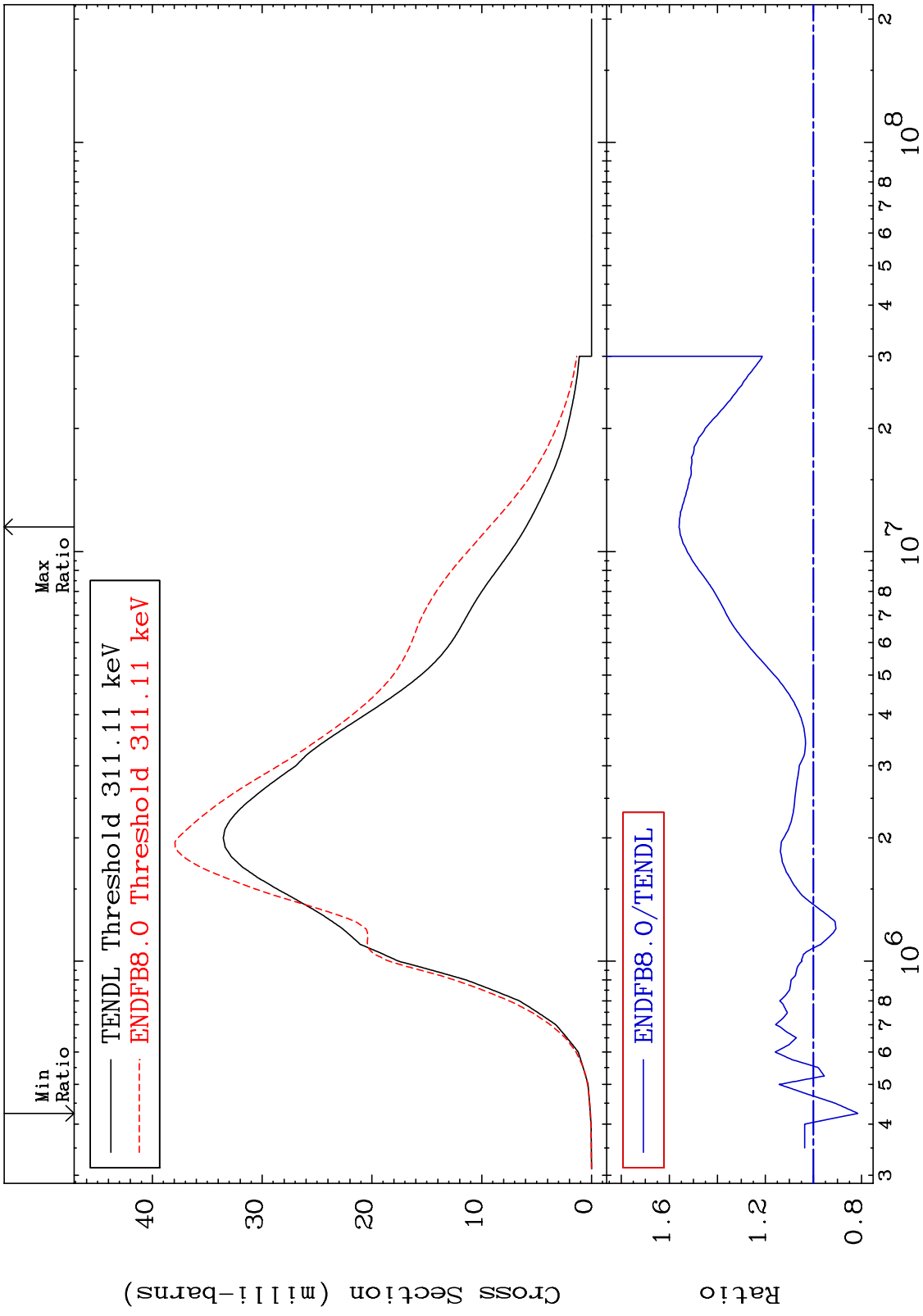
92-U -236
-16.77 To 24.79 %



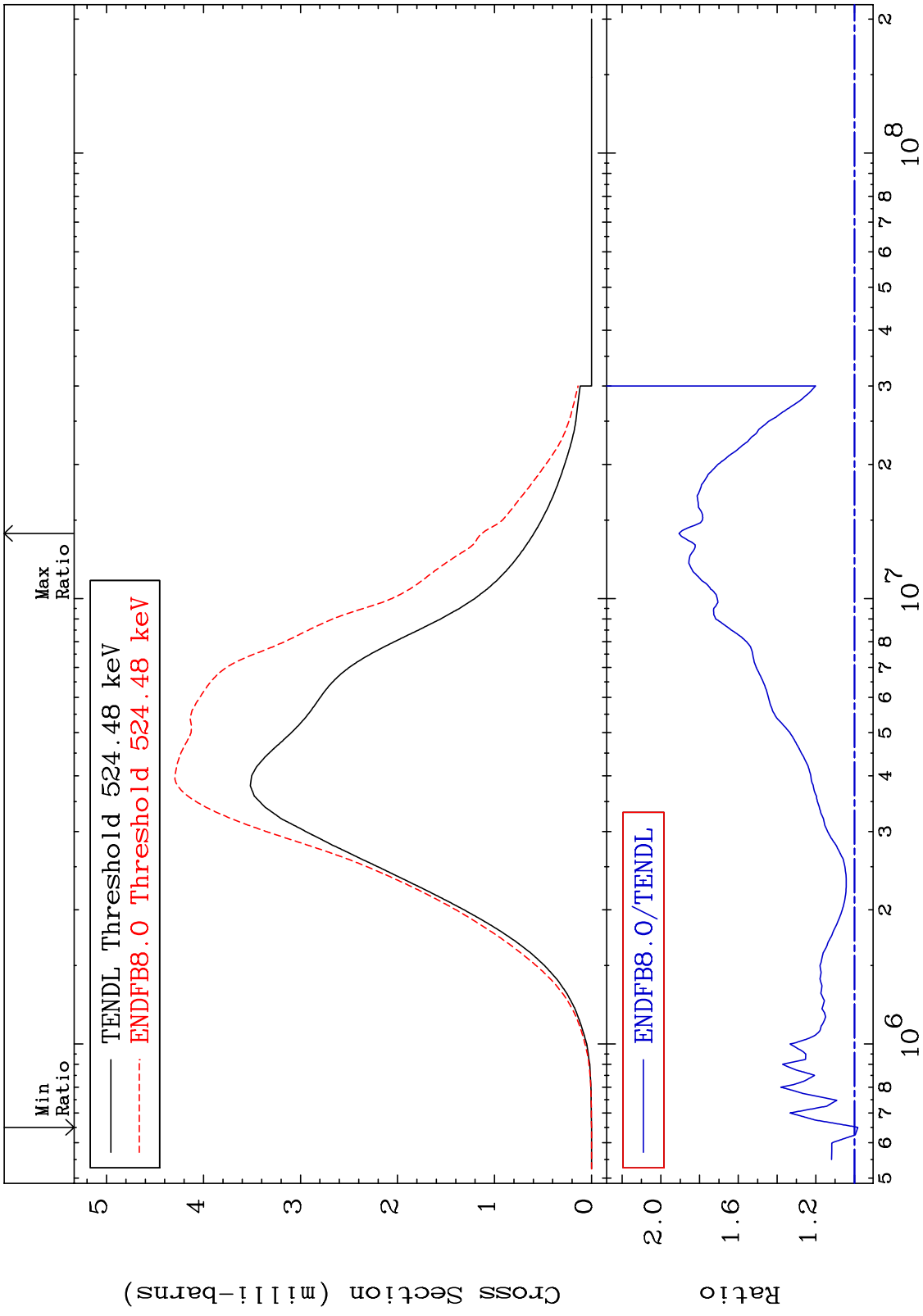
MAT 9231 MT= 52 (n,n') Level Cross Section -19.30 To 24.59 % 92-U -236



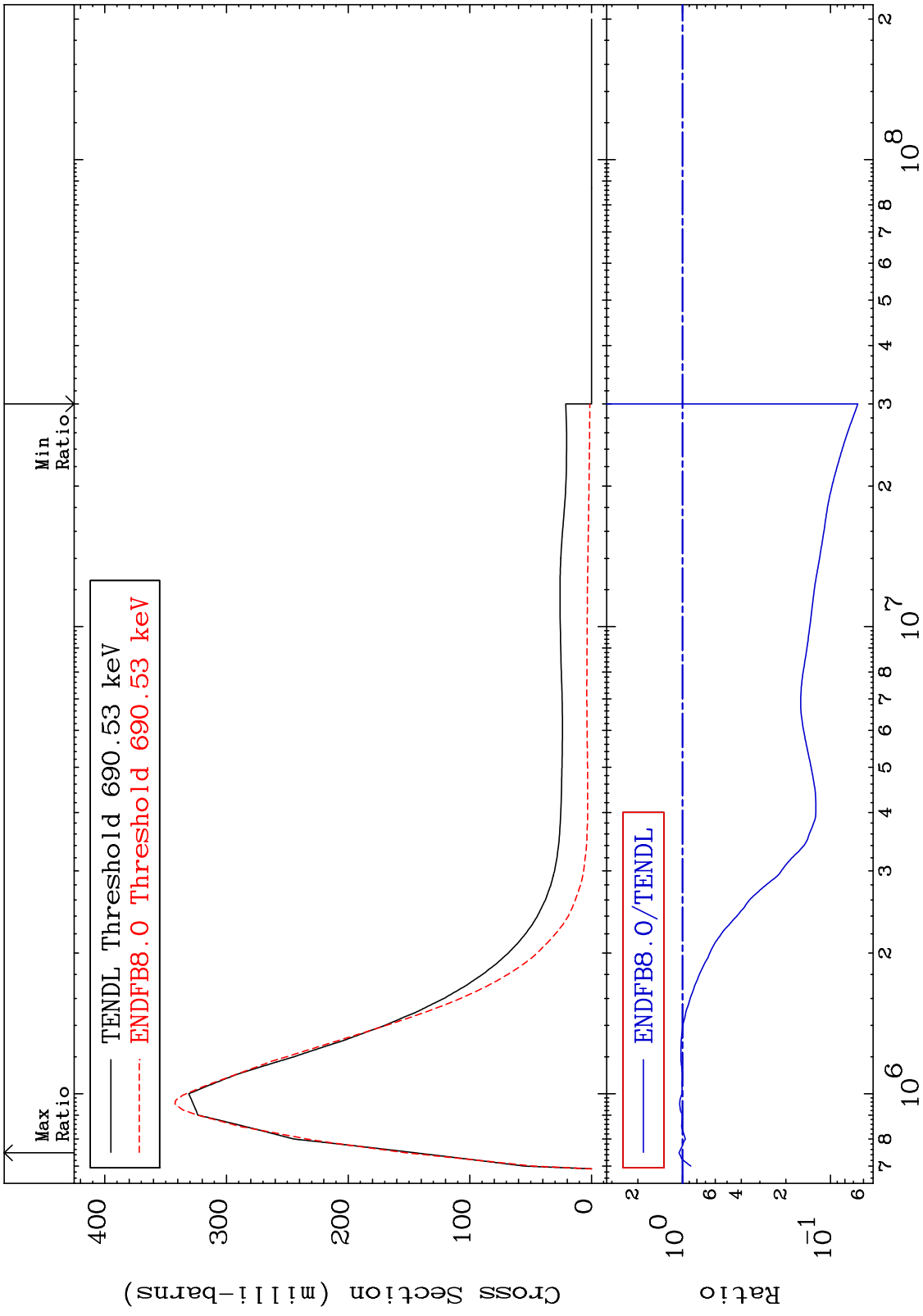
MAT 9231 MT= 53 (n,n') Level Cross Section -18.51 To 55.96 % 92-U -236



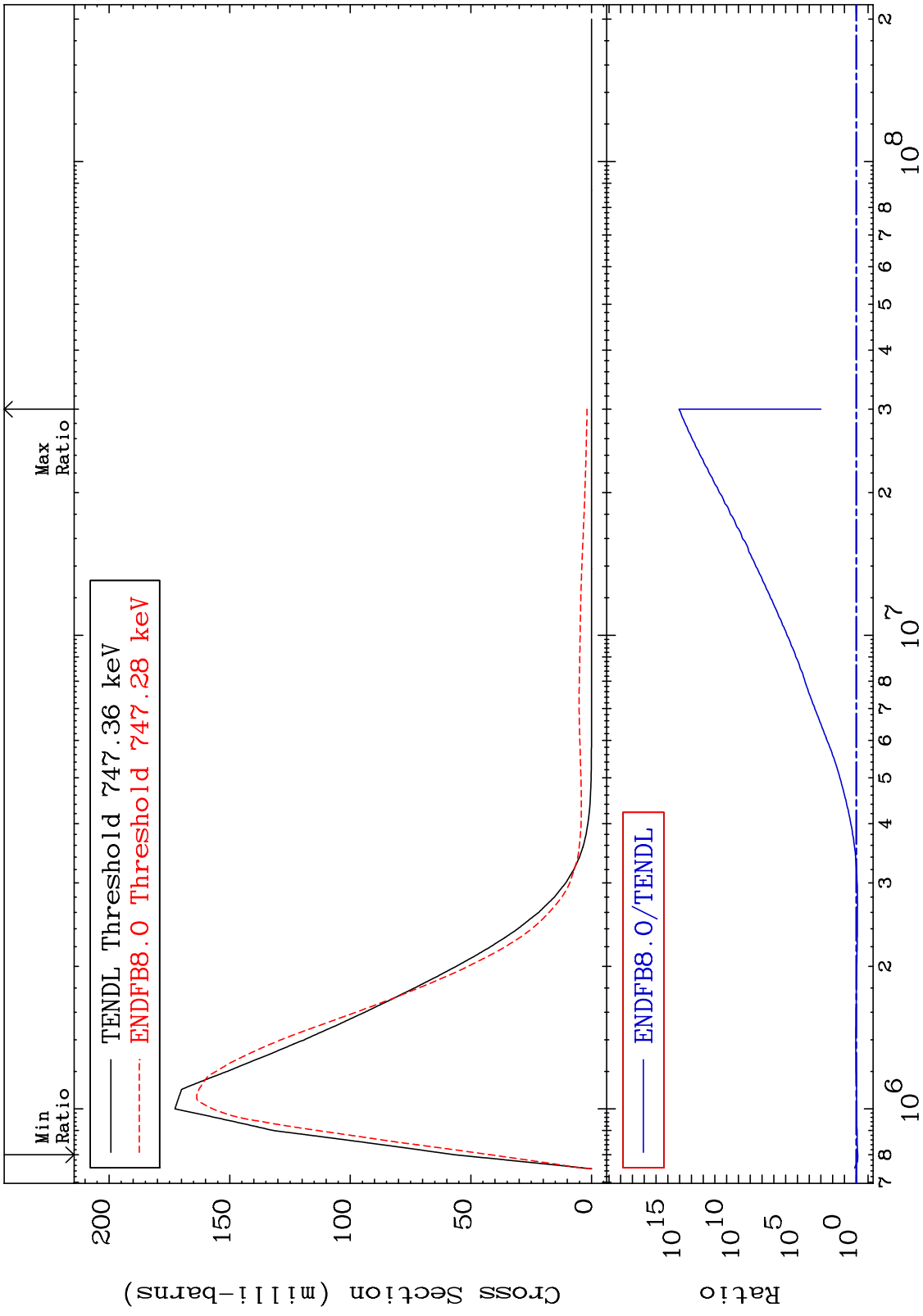
MAT 9231 MT= 54 (n,n') Level Cross Section -1.708 To 90.59 % 92-U -236



MAT 9231 MT= 55 (n,n') Level Cross Section 92-U -236
 -93.46 To 5.432 %



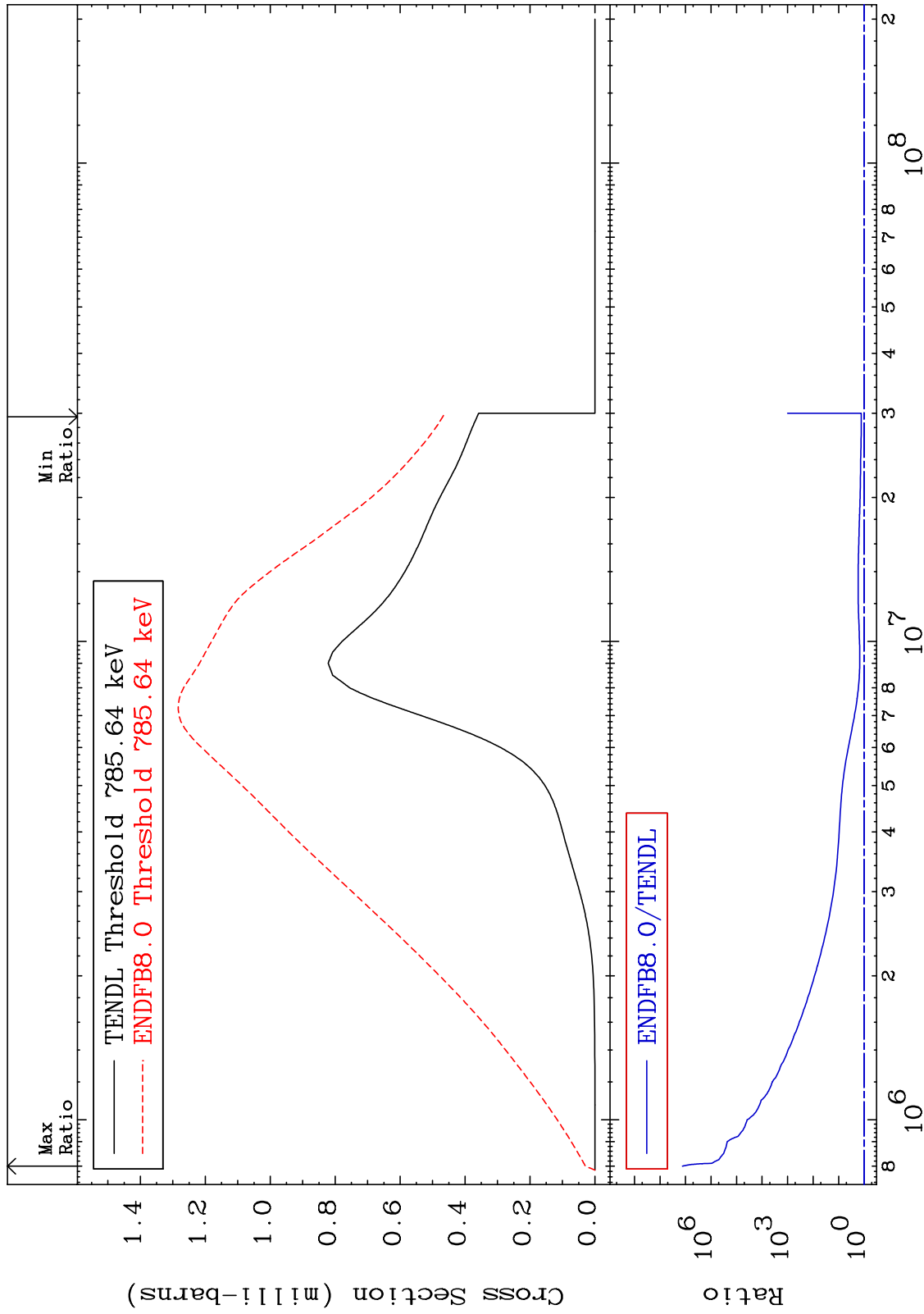
MAT 9231 MT= 56 (n,n') Level Cross Section 92-U -236
 -26.23 To 9999. %



MAT 9231

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

29.21 To 9999. %
92-U -236



18

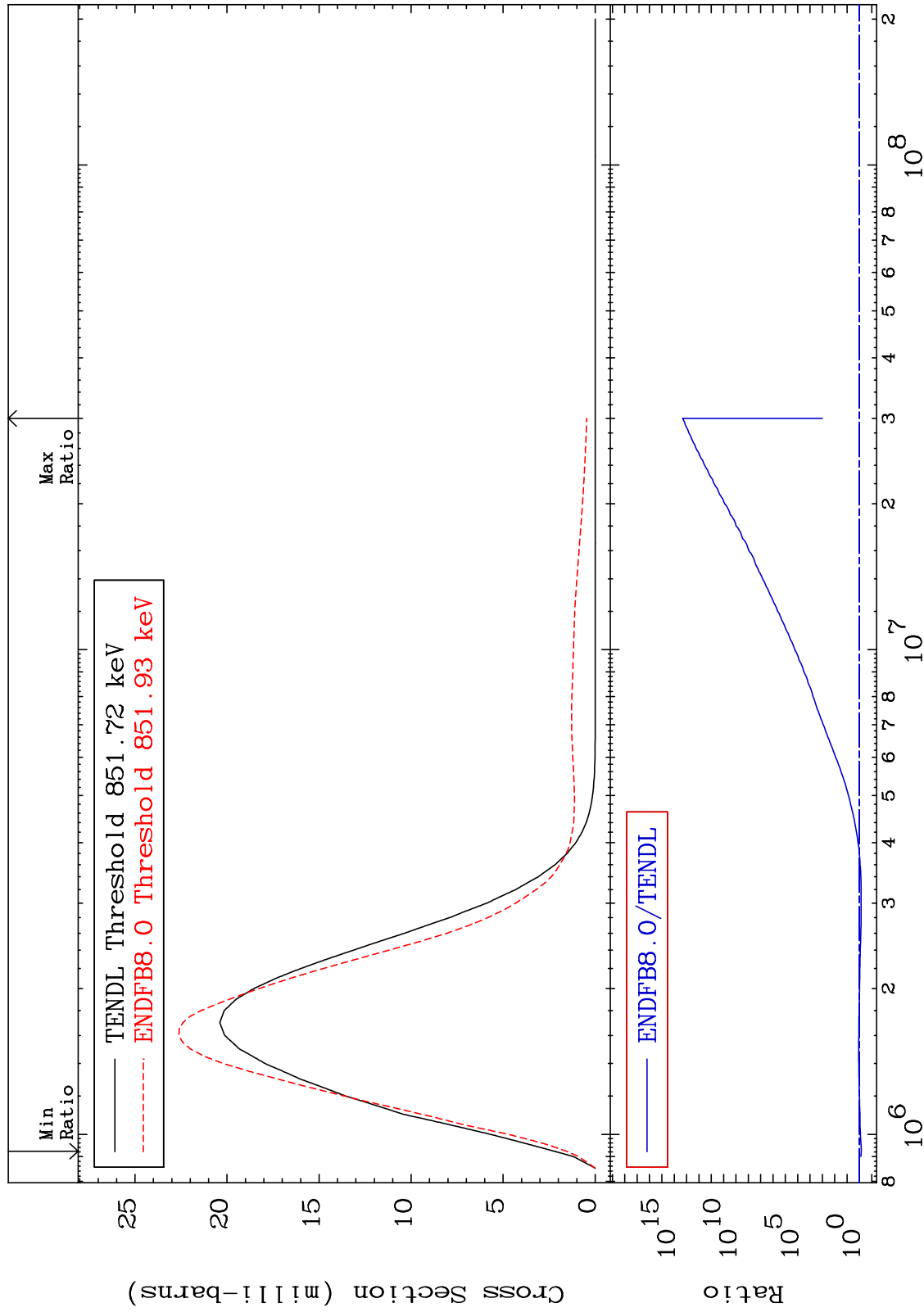
Incident Energy (eV)

92-U -236

MAT 9231

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

92-U -236
-29.91 To 9999. %

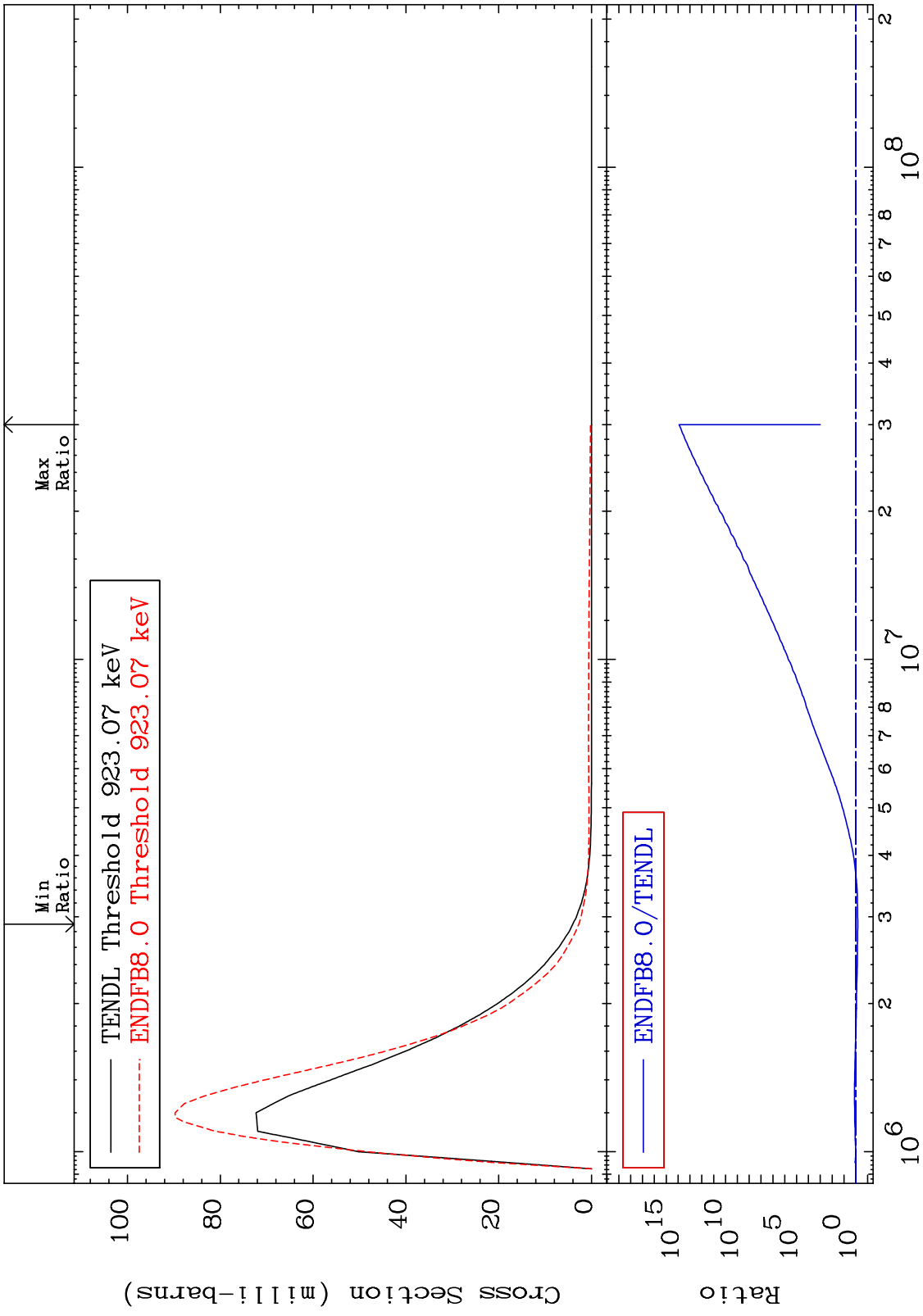


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Incident Energy (eV)

92-U -236

MAT 9231 MT= 59 (n,n') Level Cross Section 92-U -236 -32.52 To 9999. %

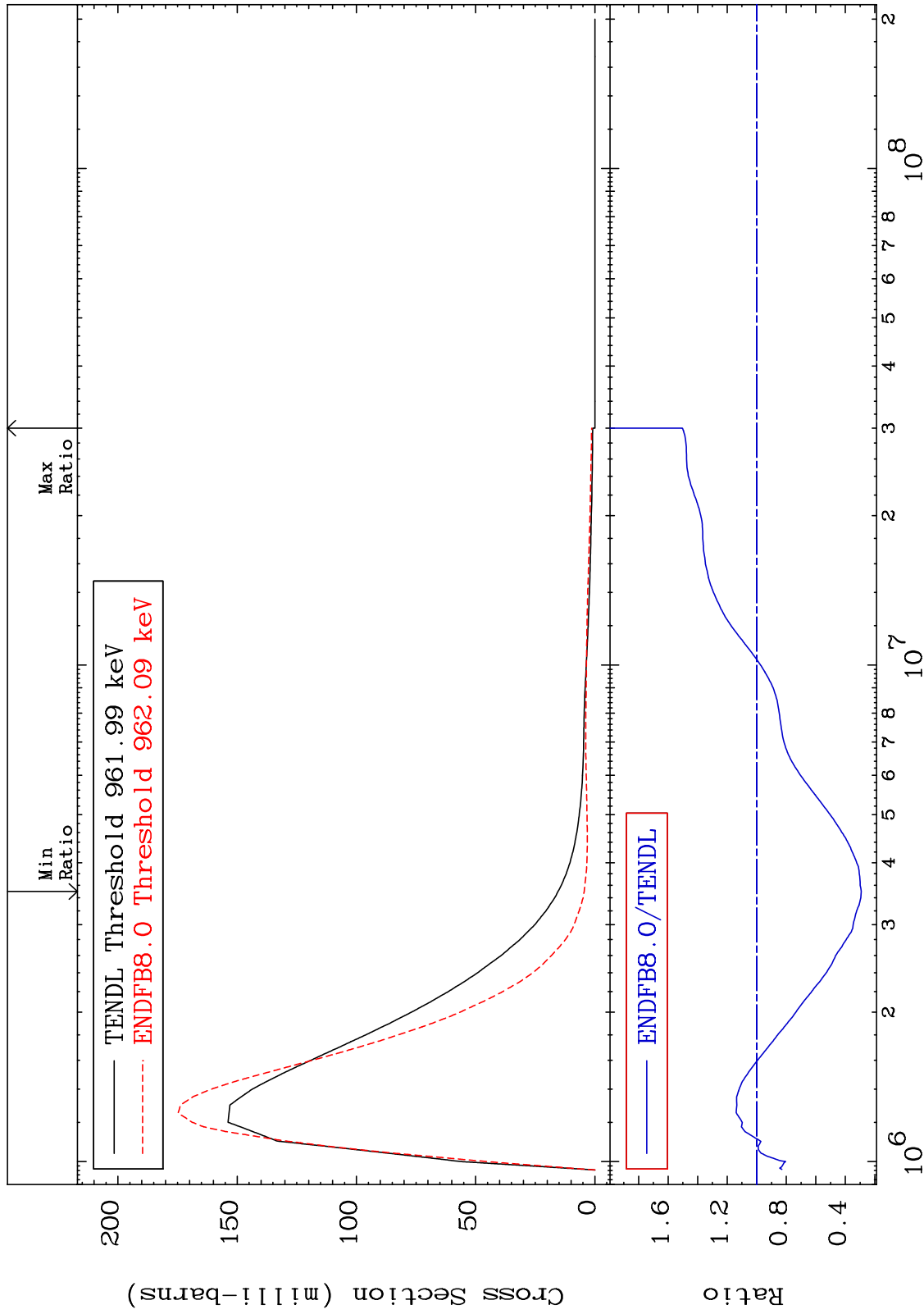


Incident Energy (eV) 92-U -236

MAT 9231

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

92-U -236
-70.81 To 50.30 %



21

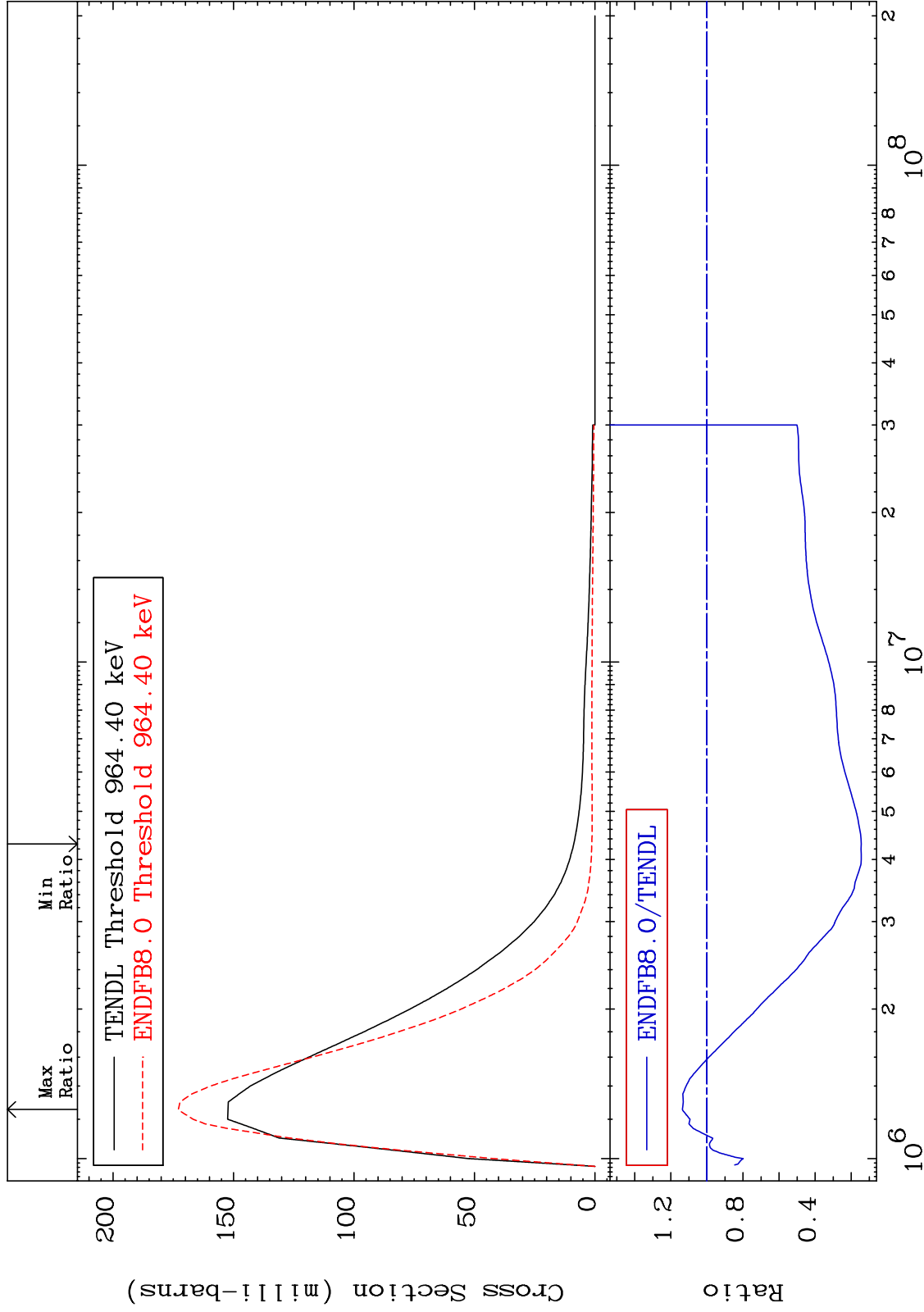
Incident Energy (eV)

92-U -236

MAT 9231

MT= 61 (n,n') Level
Cross Section

92-U -236
-85.57 To 13.57 %



22

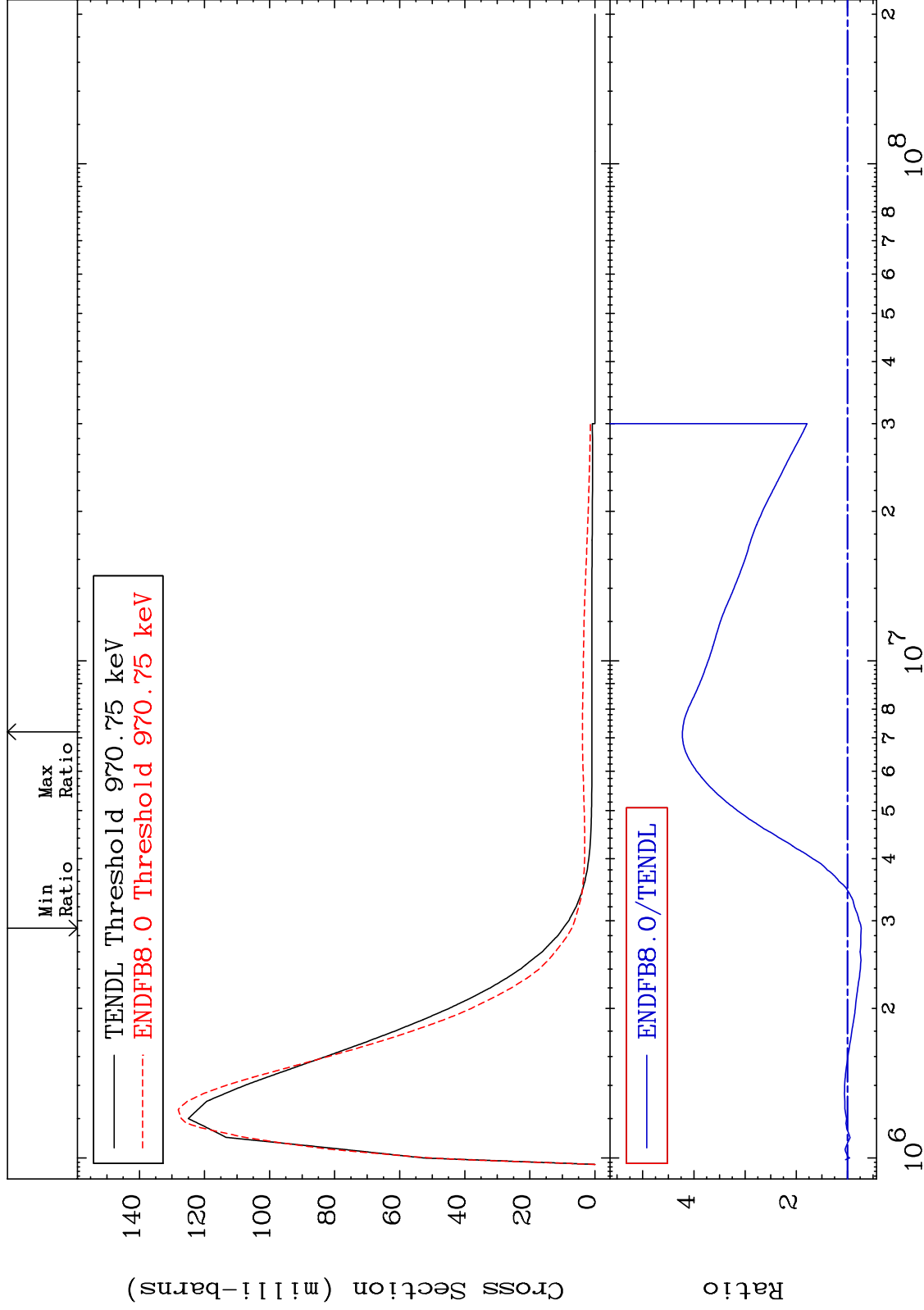
Incident Energy (eV)

92-U -236

MAT 9231

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

92-U -236
-27.03 To 322.3 %



23

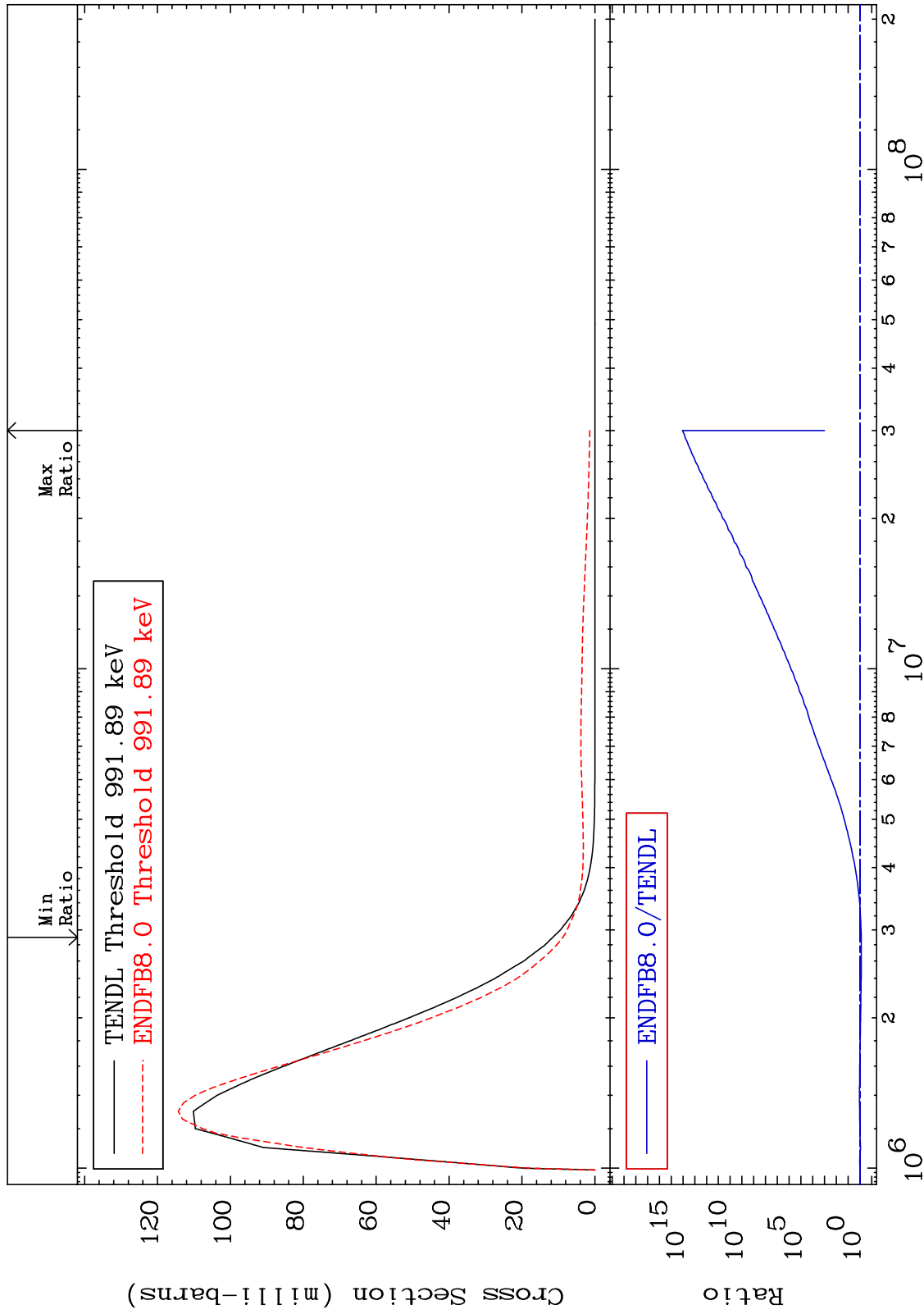
Incident Energy (eV)

92-U -236

MAT 9231

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

92-U -236
-24.05 To 9999. %

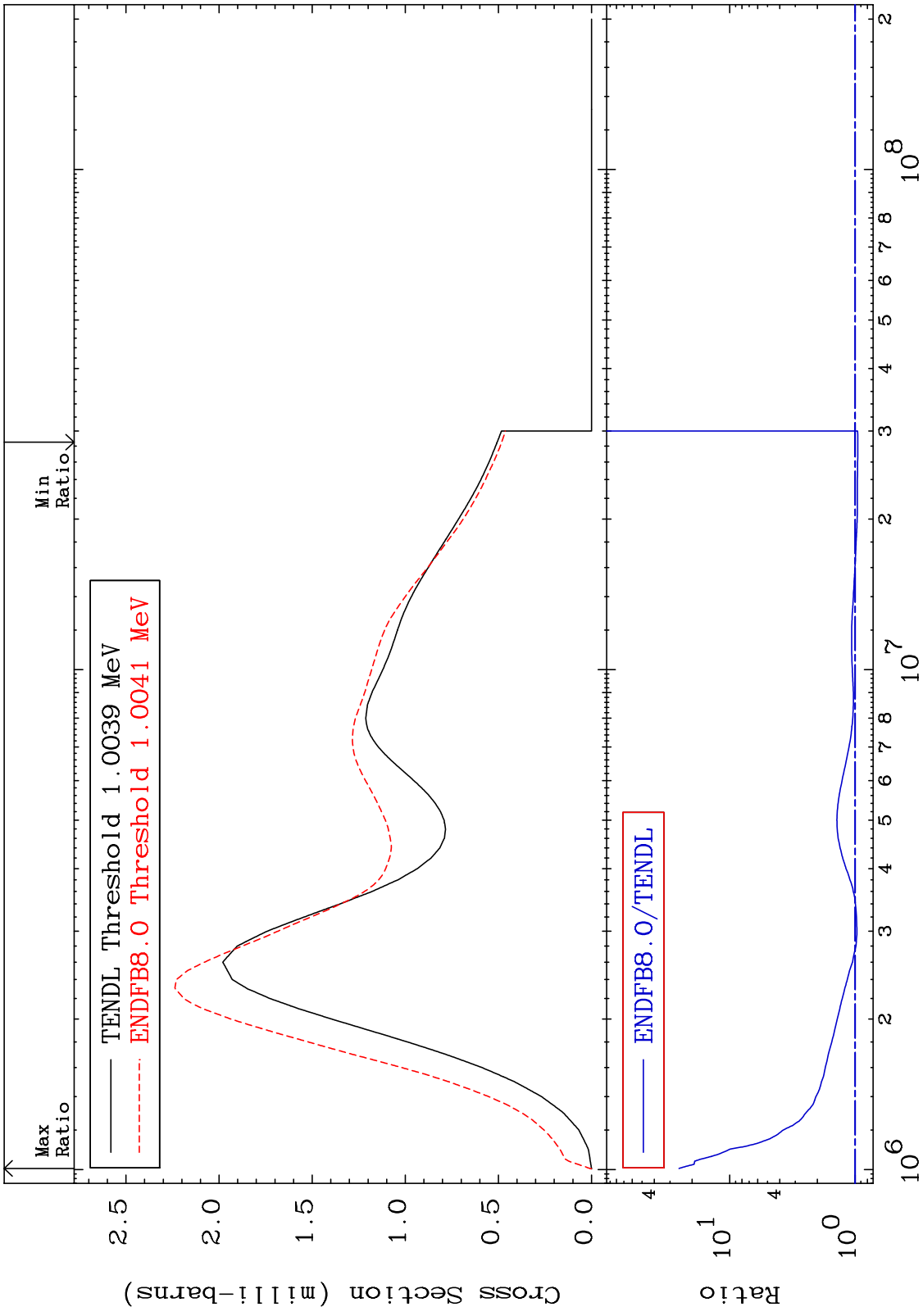


24

Incident Energy (eV)

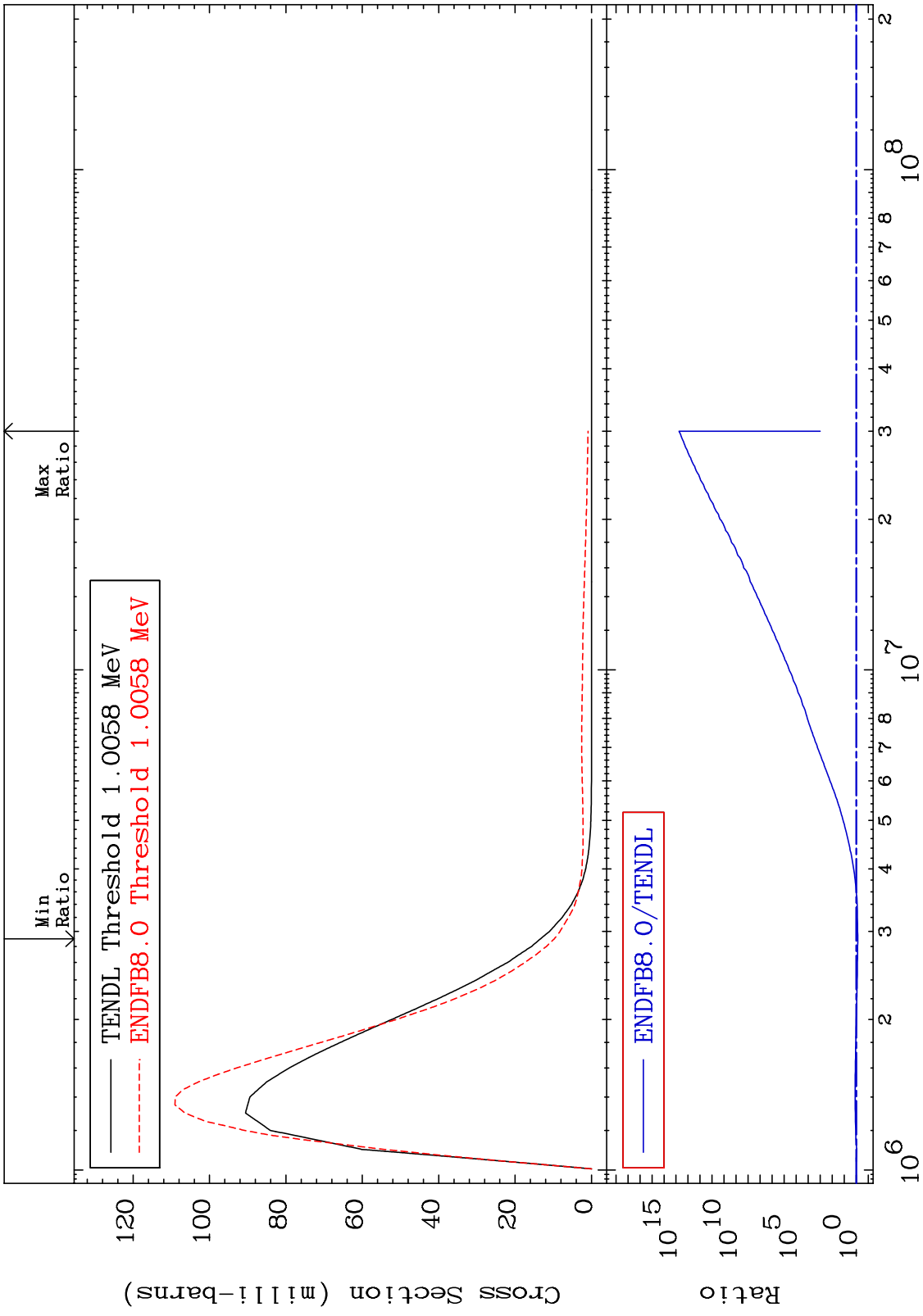
92-U -236

MAT 9231 MT= 64 (n,n') Level 92-U -236
 Cross Section -4.809 To 2439. %



25 Incident Energy (eV) 92-U -236

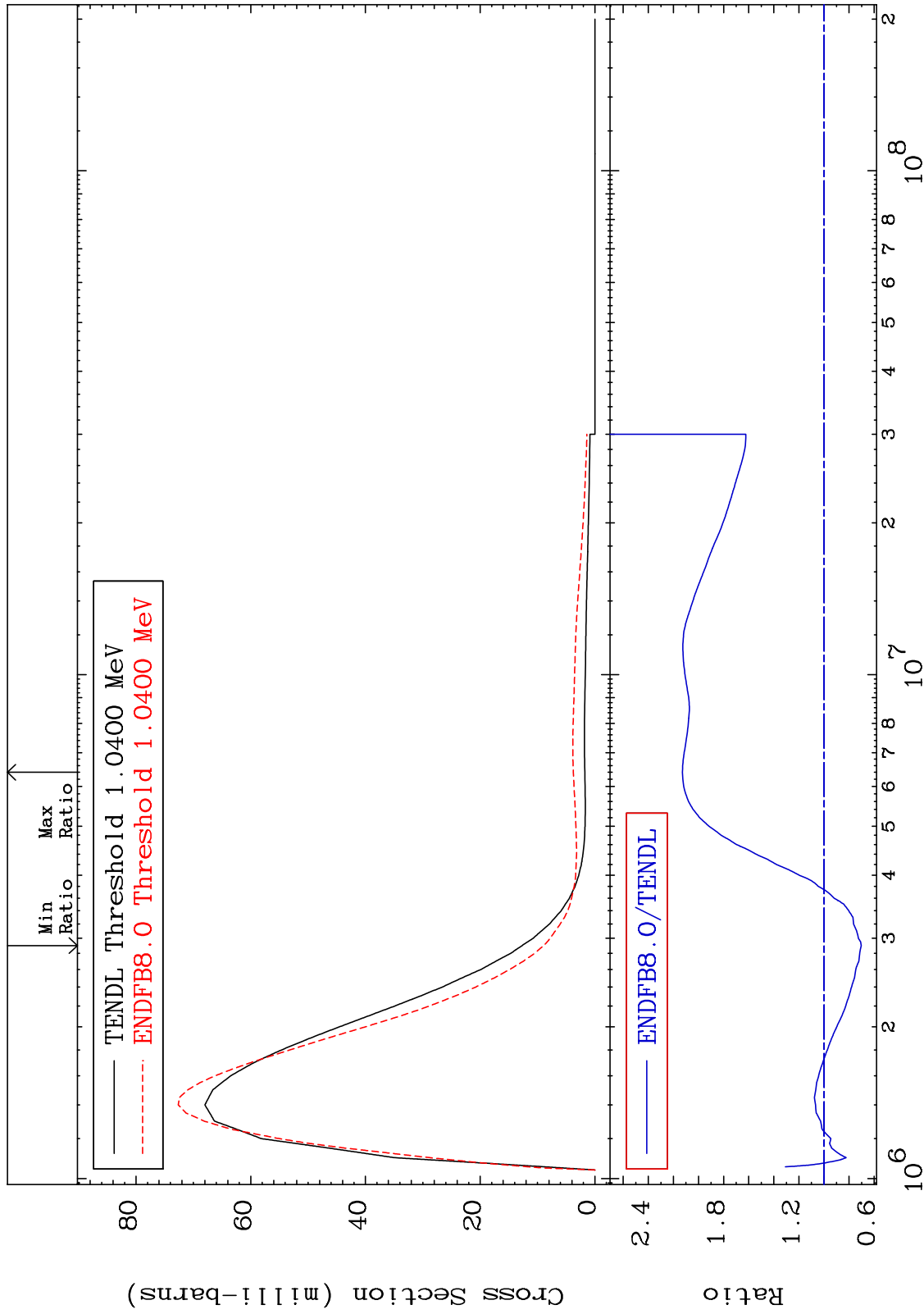
MAT 9231 MT= 65 (n,n') Level Cross Section 92-U -236
 -27.11 To 9999. %



MAT 9231

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

92-U -236
-29.72 To 112.8 %



27

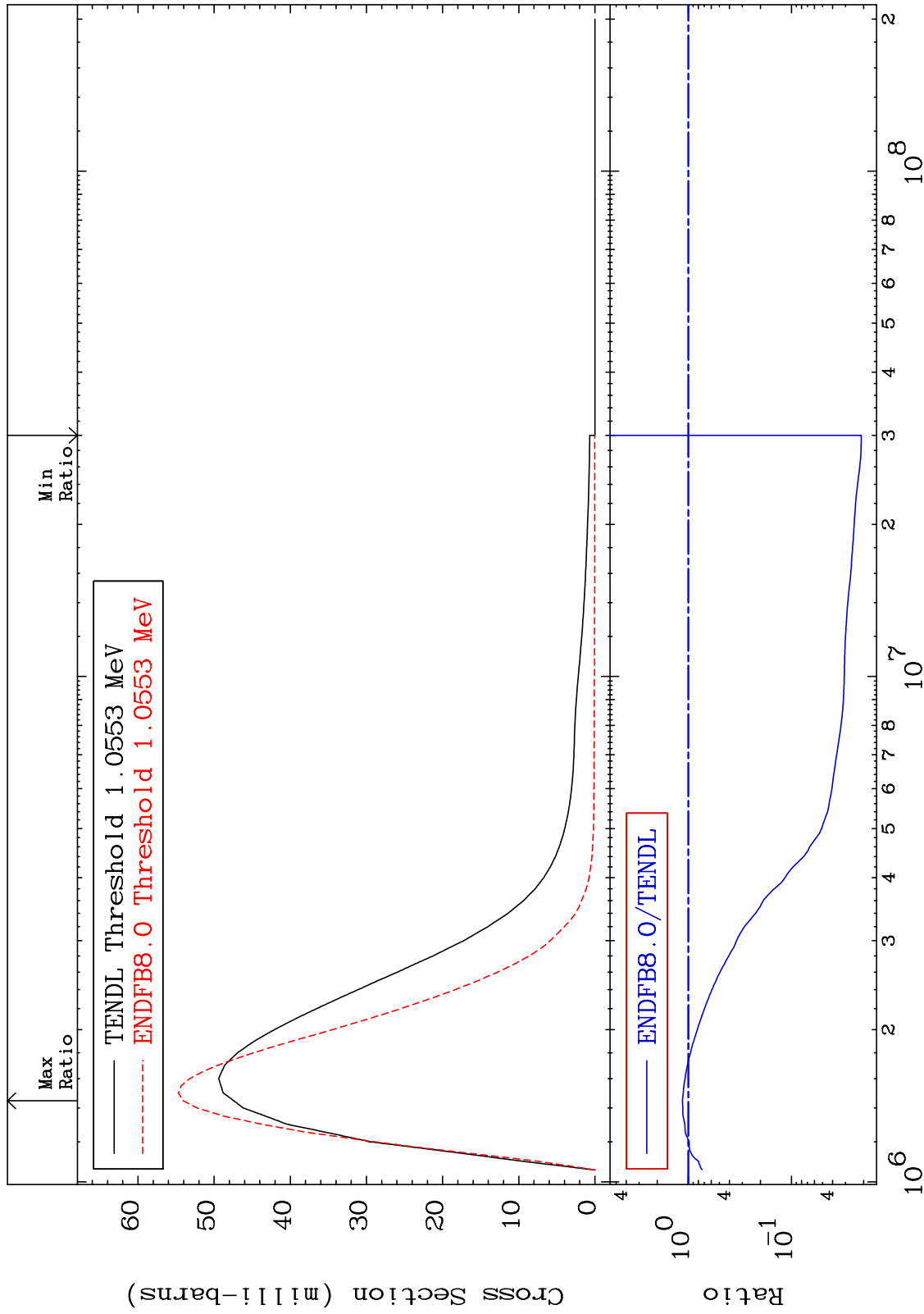
Incident Energy (eV)

92-U -236

MAT 9231

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

92-U -236
-97.89 To 14.01 %

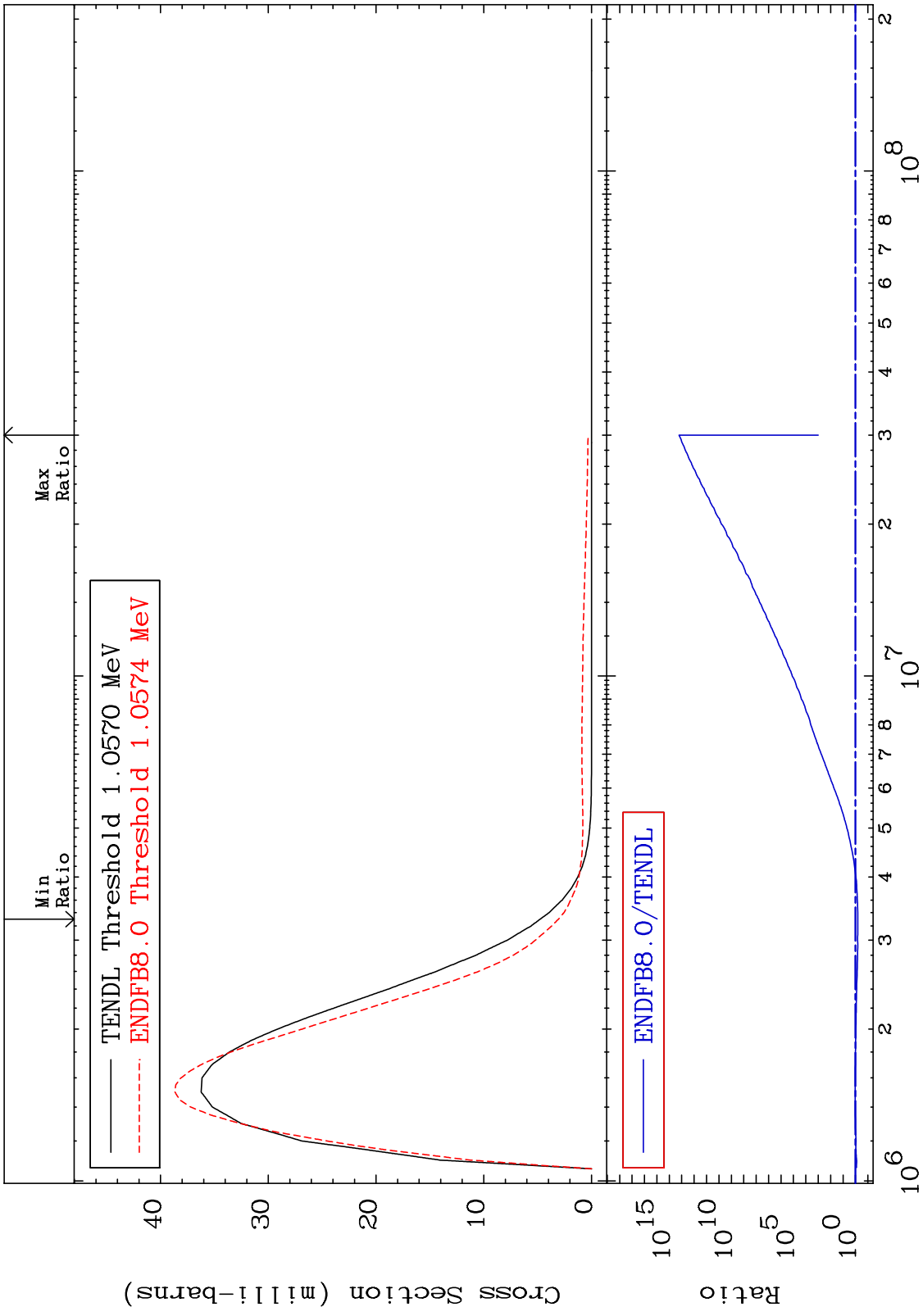


28

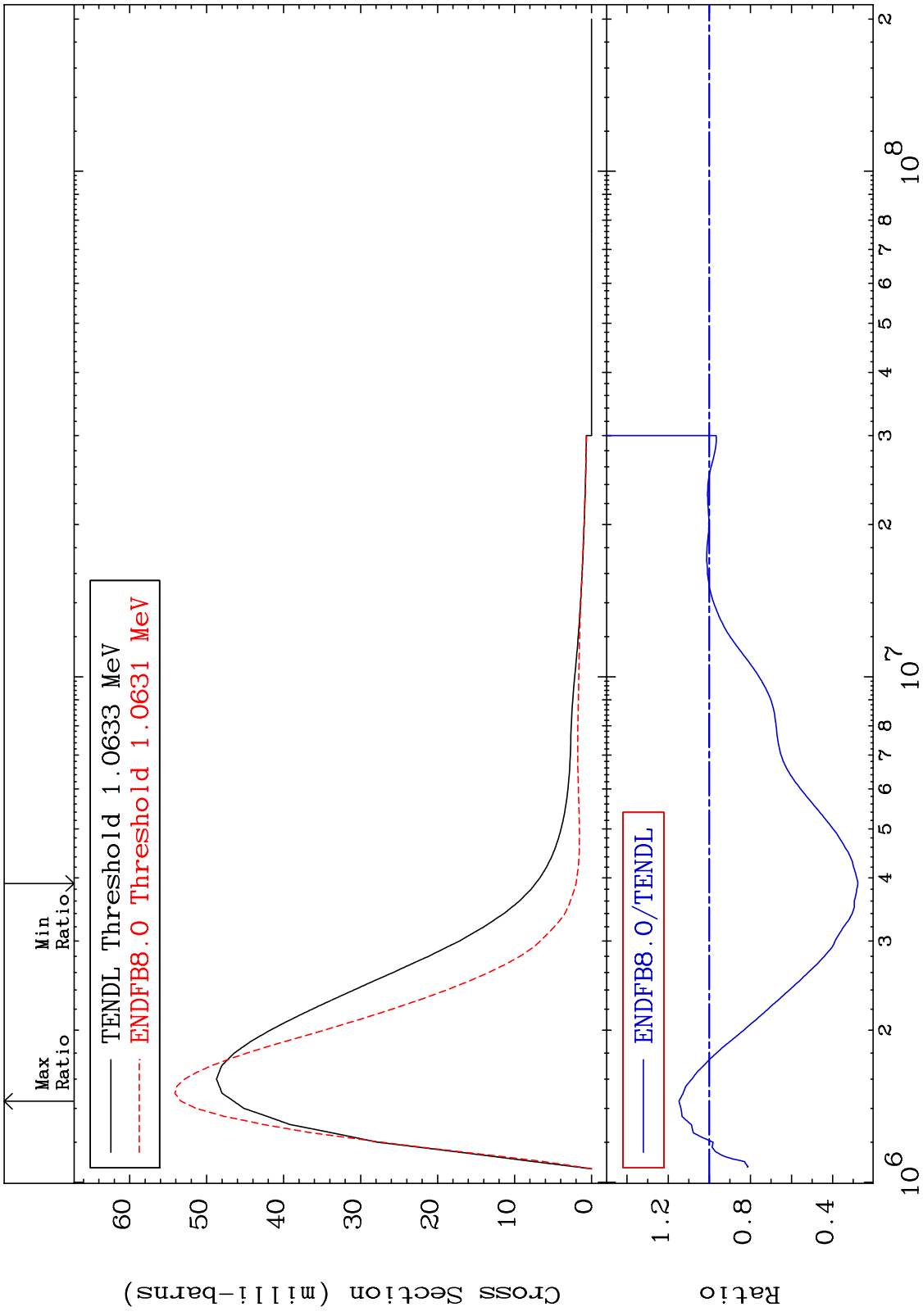
Incident Energy (eV)

92-U -236

MAT 9231 MT= 68 (n,n') Level Cross Section 92-U -236
 -35.69 To 9999. %

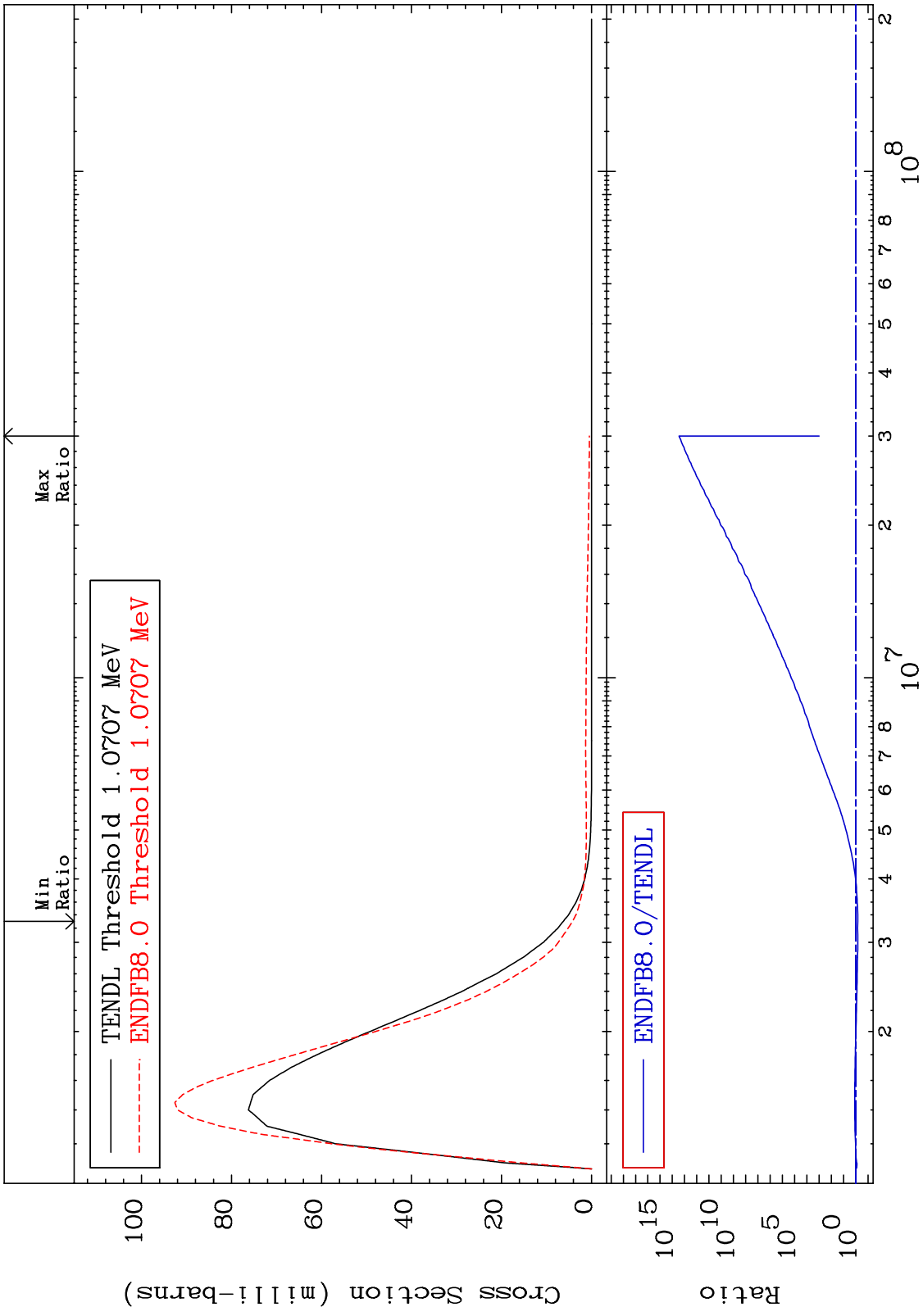


MAT 9231 MT= 69 (n,n') Level Cross Section 92-U -236
 -72.29 To 14.70 %

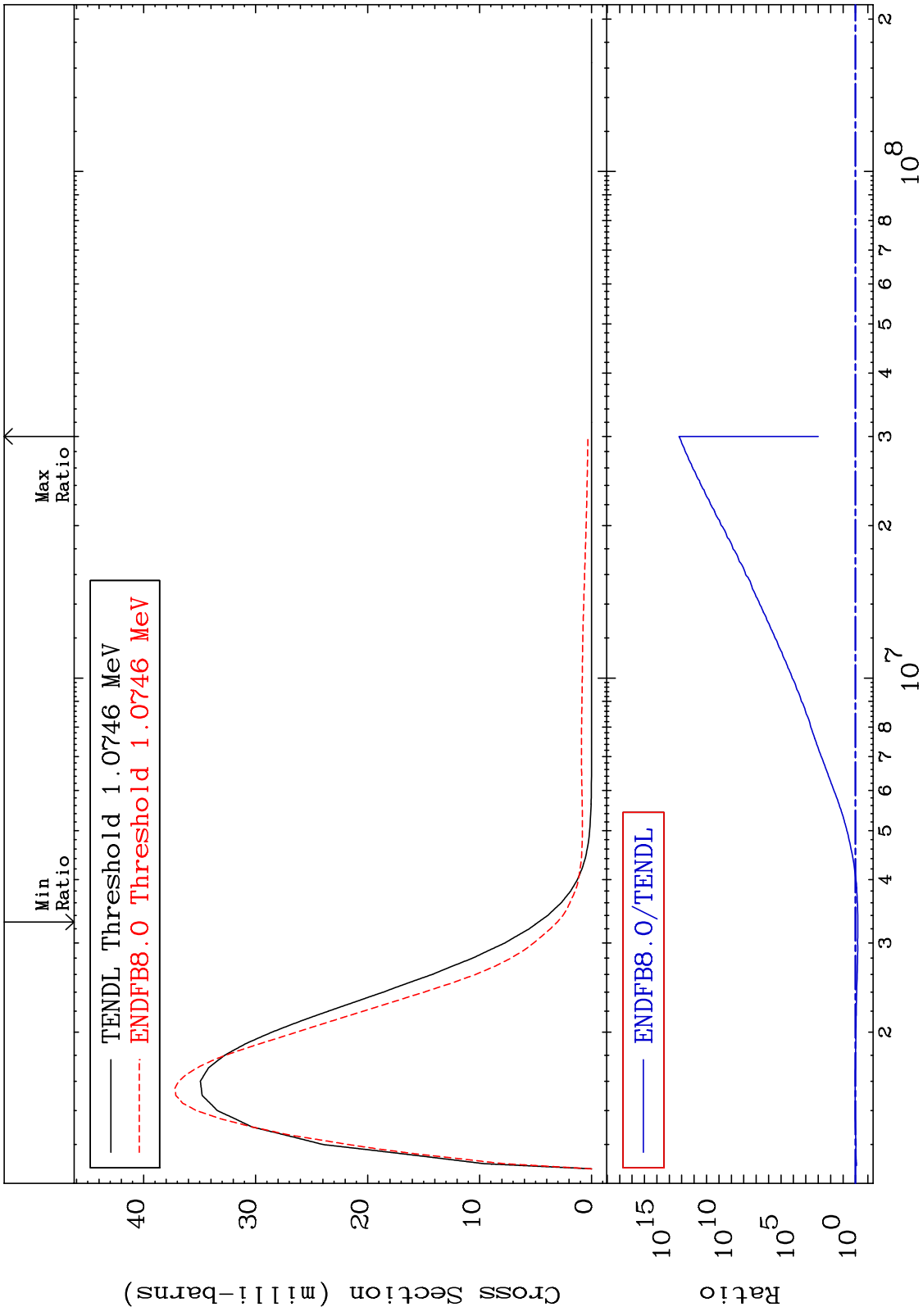


30 30 92-U -236

MAT 9231 MT= 70 (n,n') Level Cross Section 92-U -236
 -32.73 To 9999. %

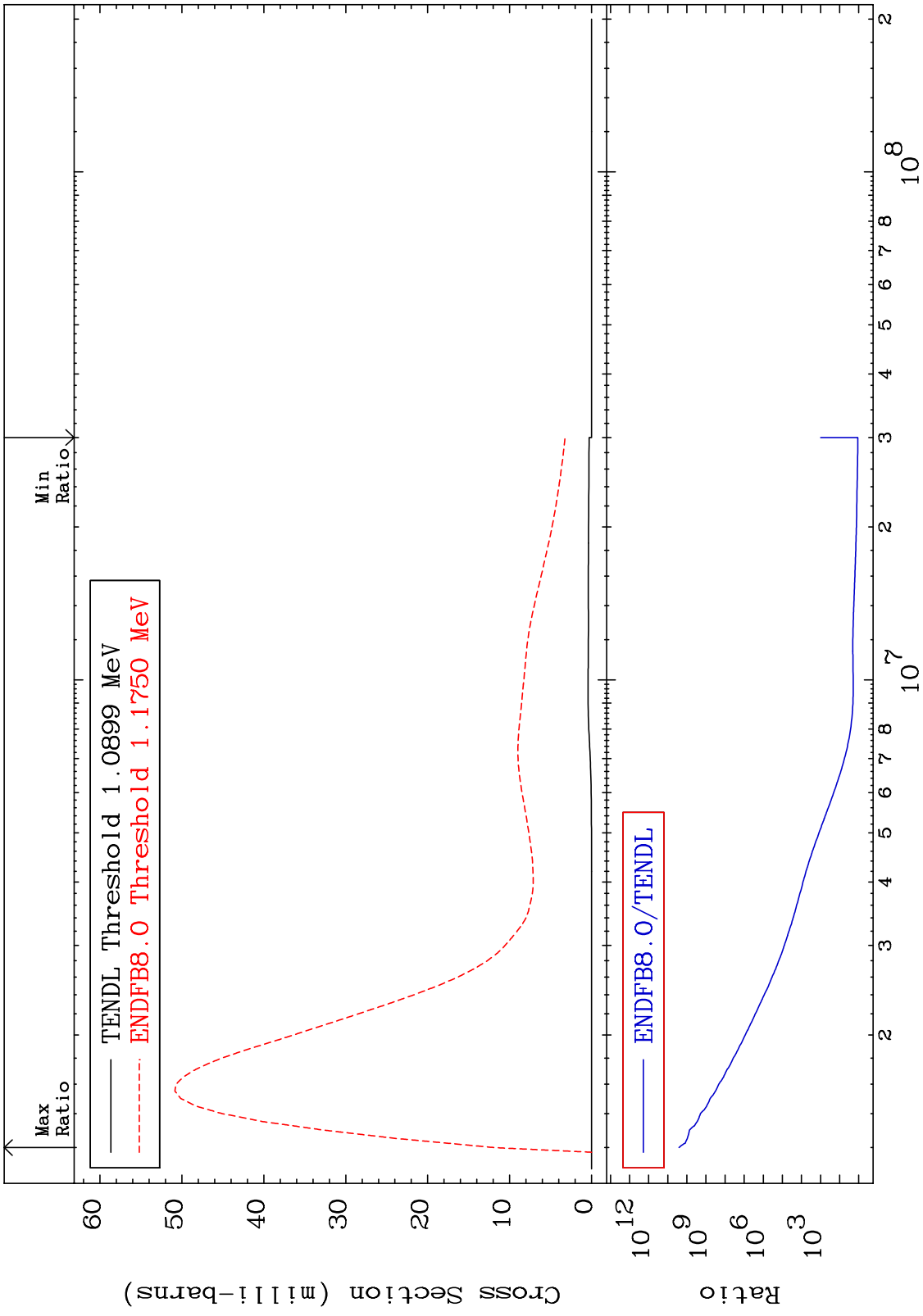


MAT 9231 MT= 71 (n,n') Level Cross Section 92-U -236
 -35.55 To 9999. %

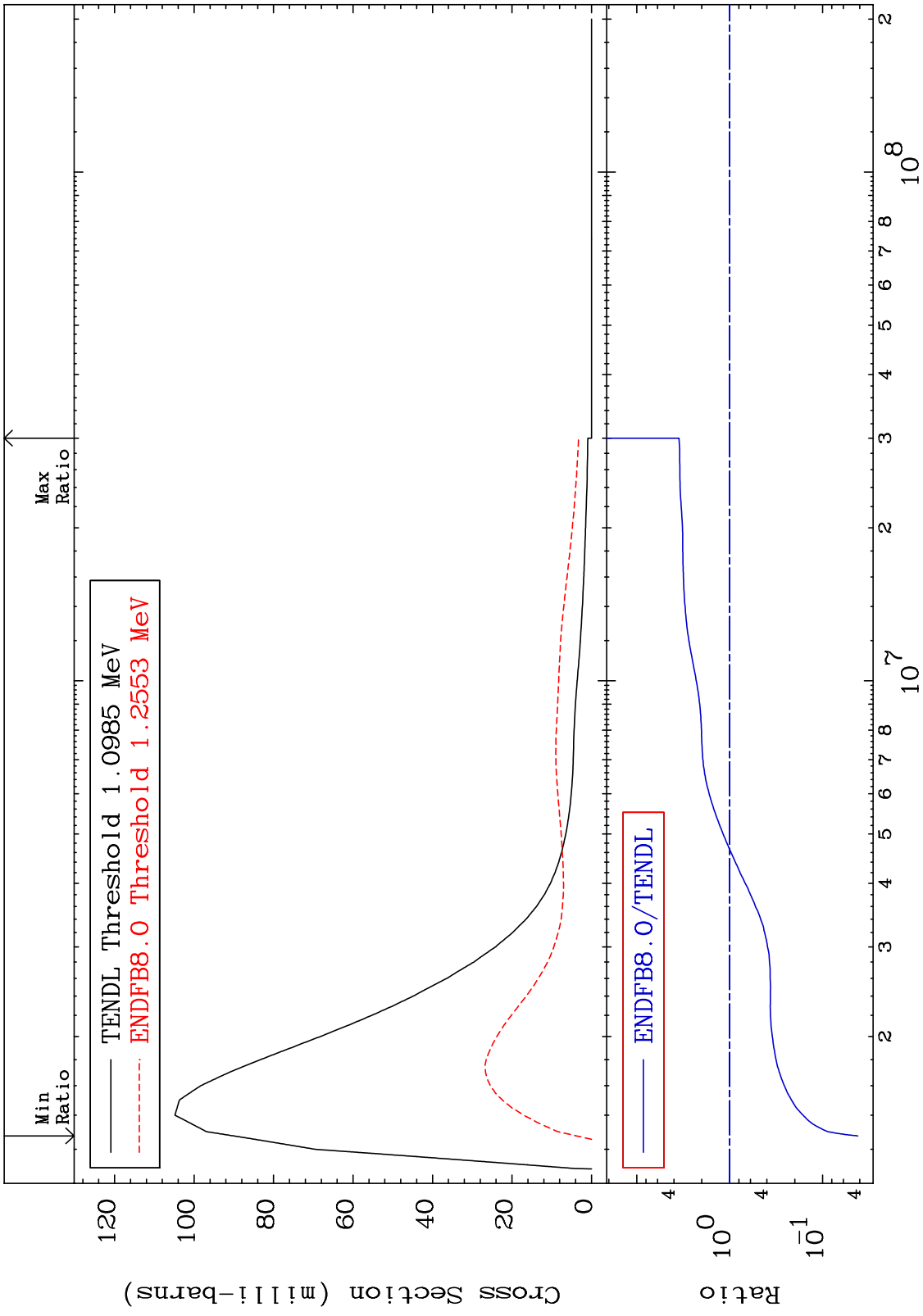


32 Incident Energy (eV) 92-U -236

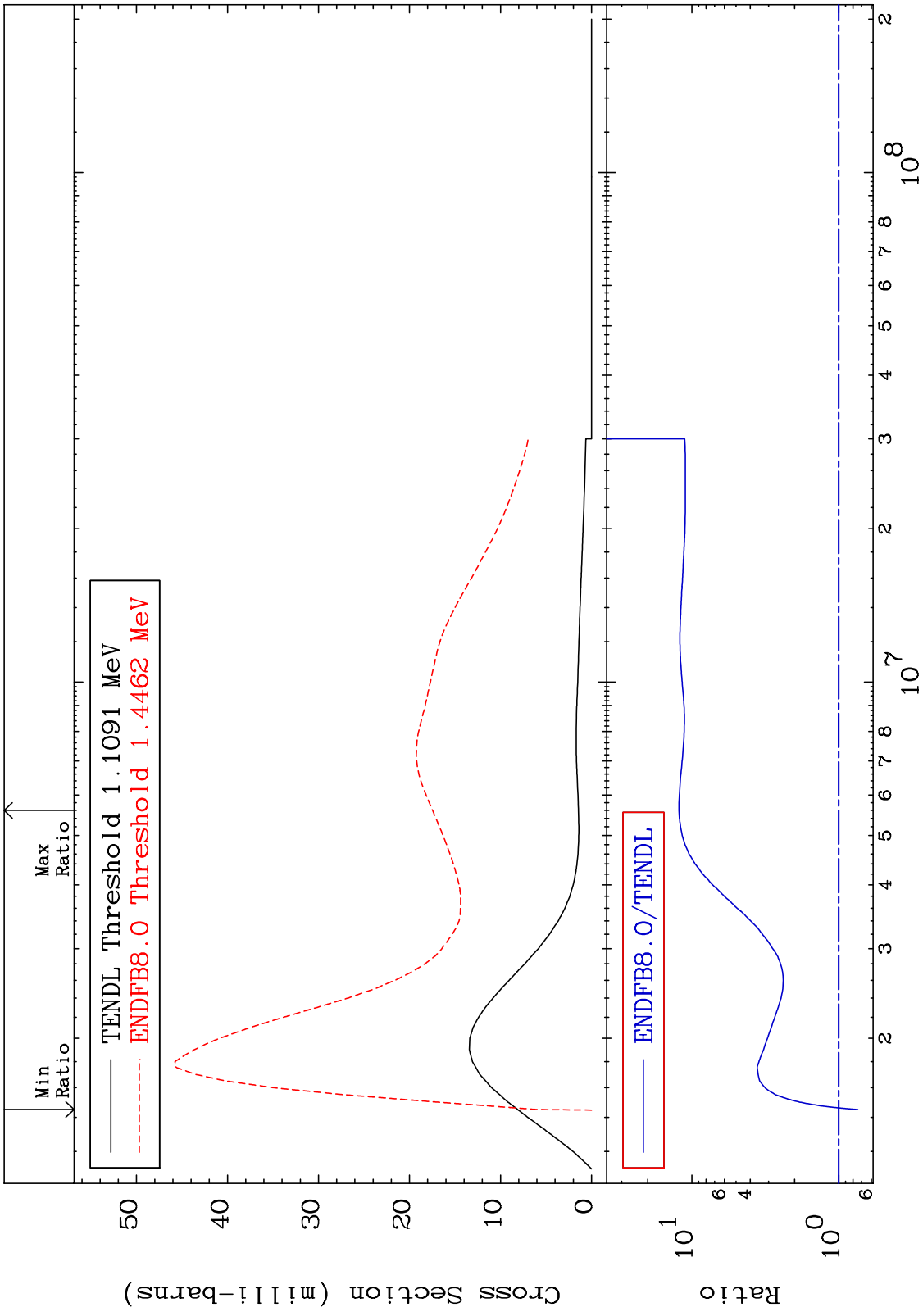
MAT 9231 MT= 72 (n,n') Level Cross Section 92-U -236
 1016. To 9999. %



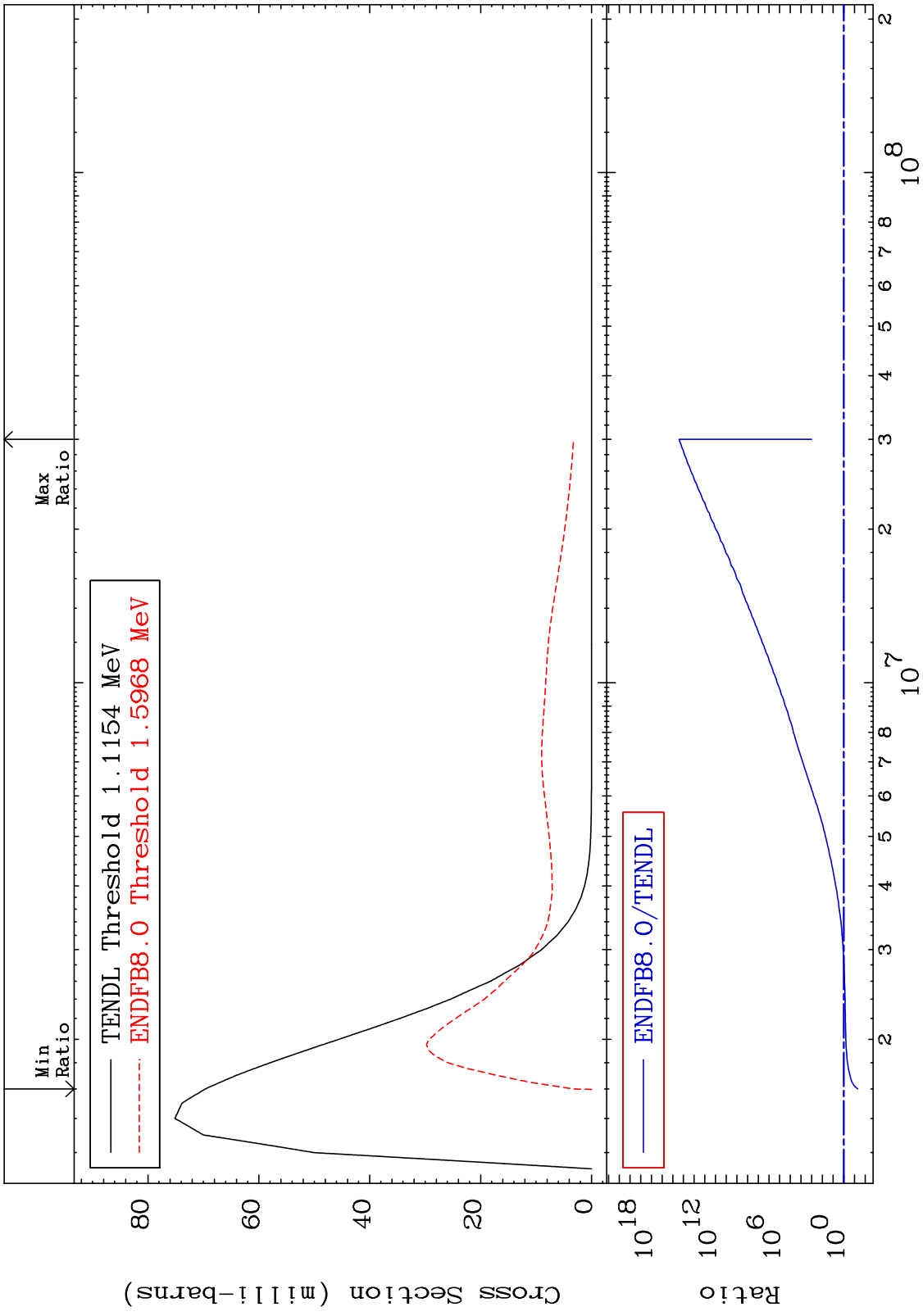
MAT 9231 MT= 73 (n,n') Level Cross Section 92-U -236
 -95.81 To 251.7 %



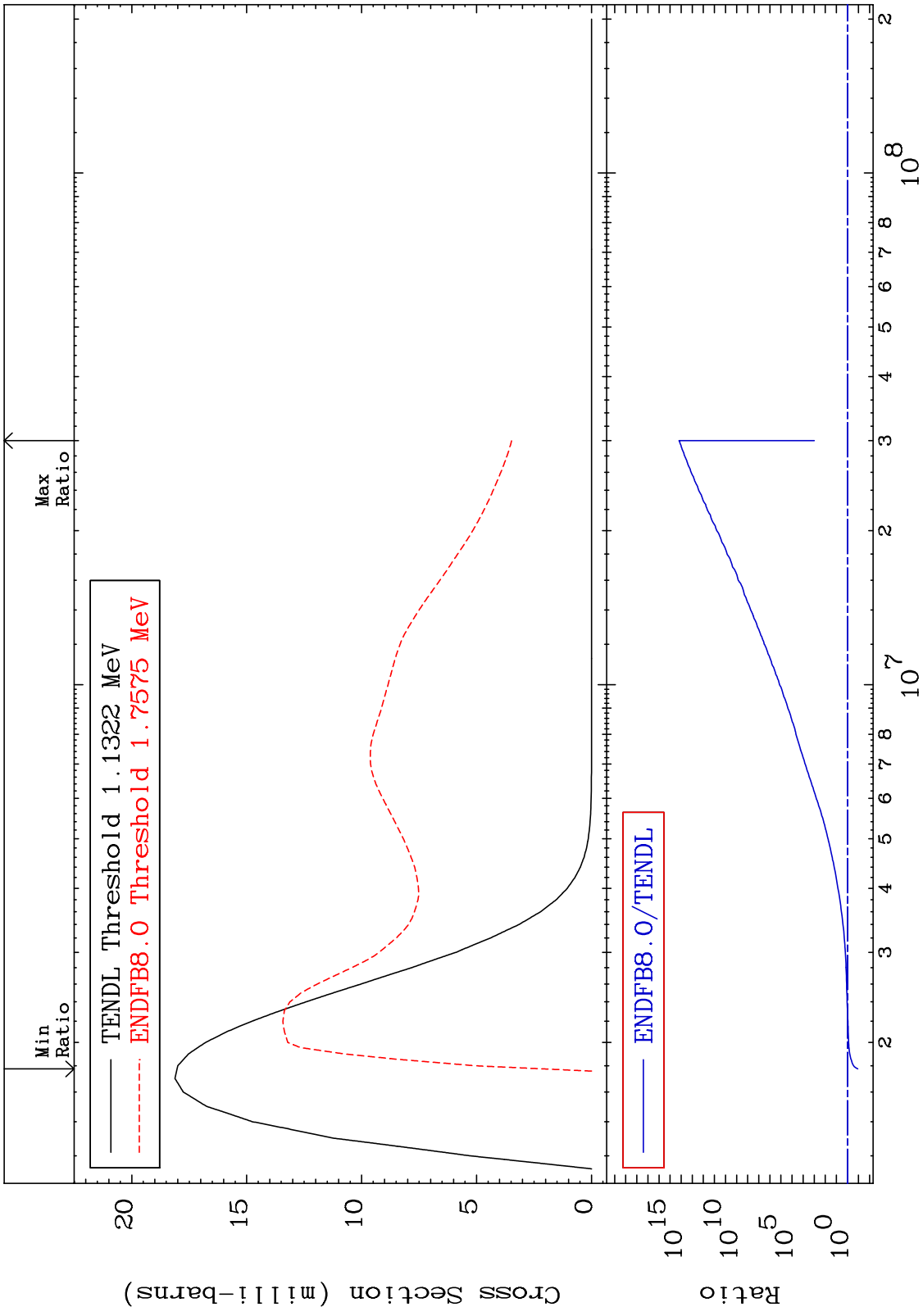
MAT 9231 MT= 74 (n,n') Level Cross Section 92-U -236
 -25.84 To 1123. %



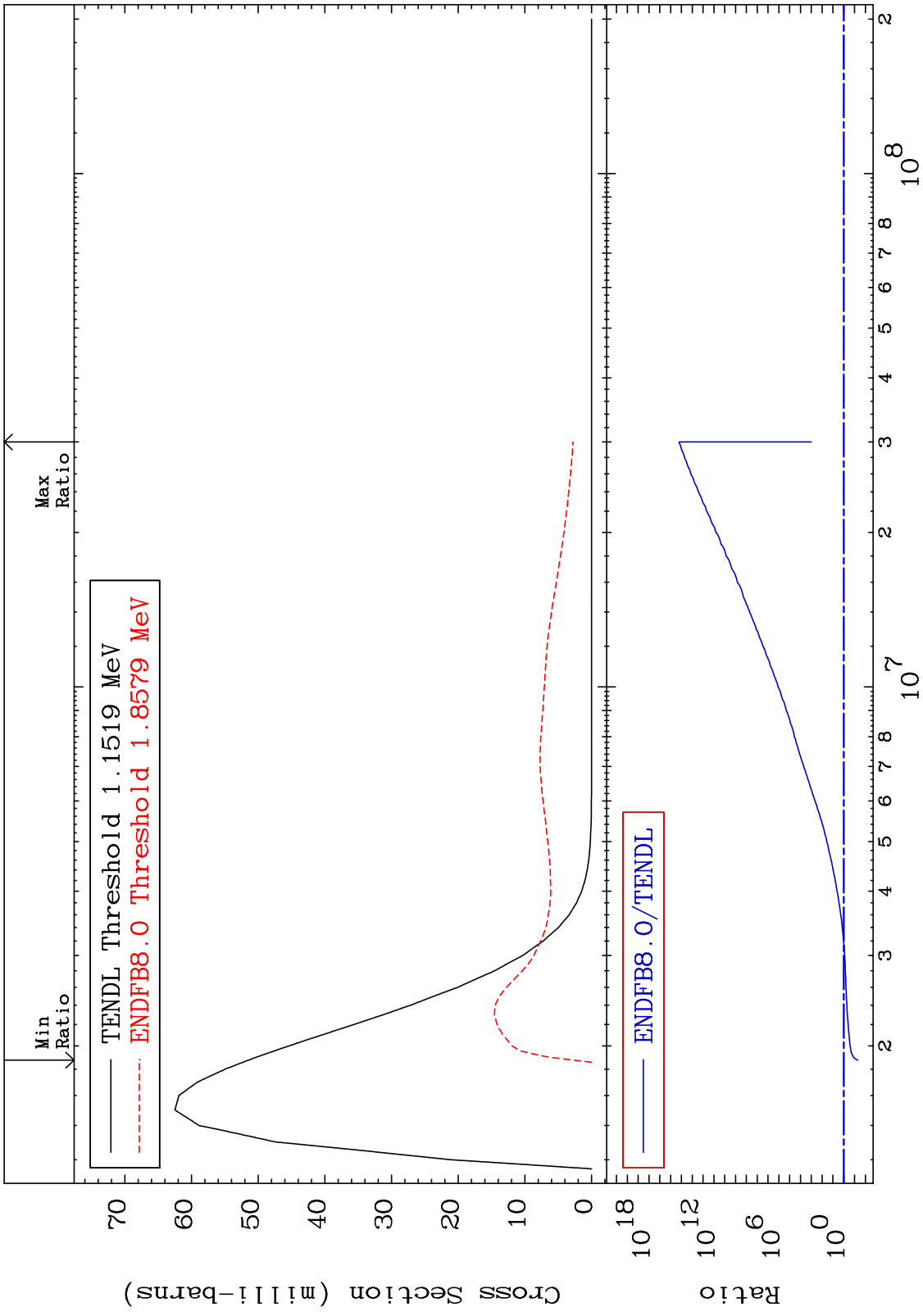
MAT 9231 MT= 75 (n,n') Level Cross Section 92-U -236
 -95.19 To 9999. %



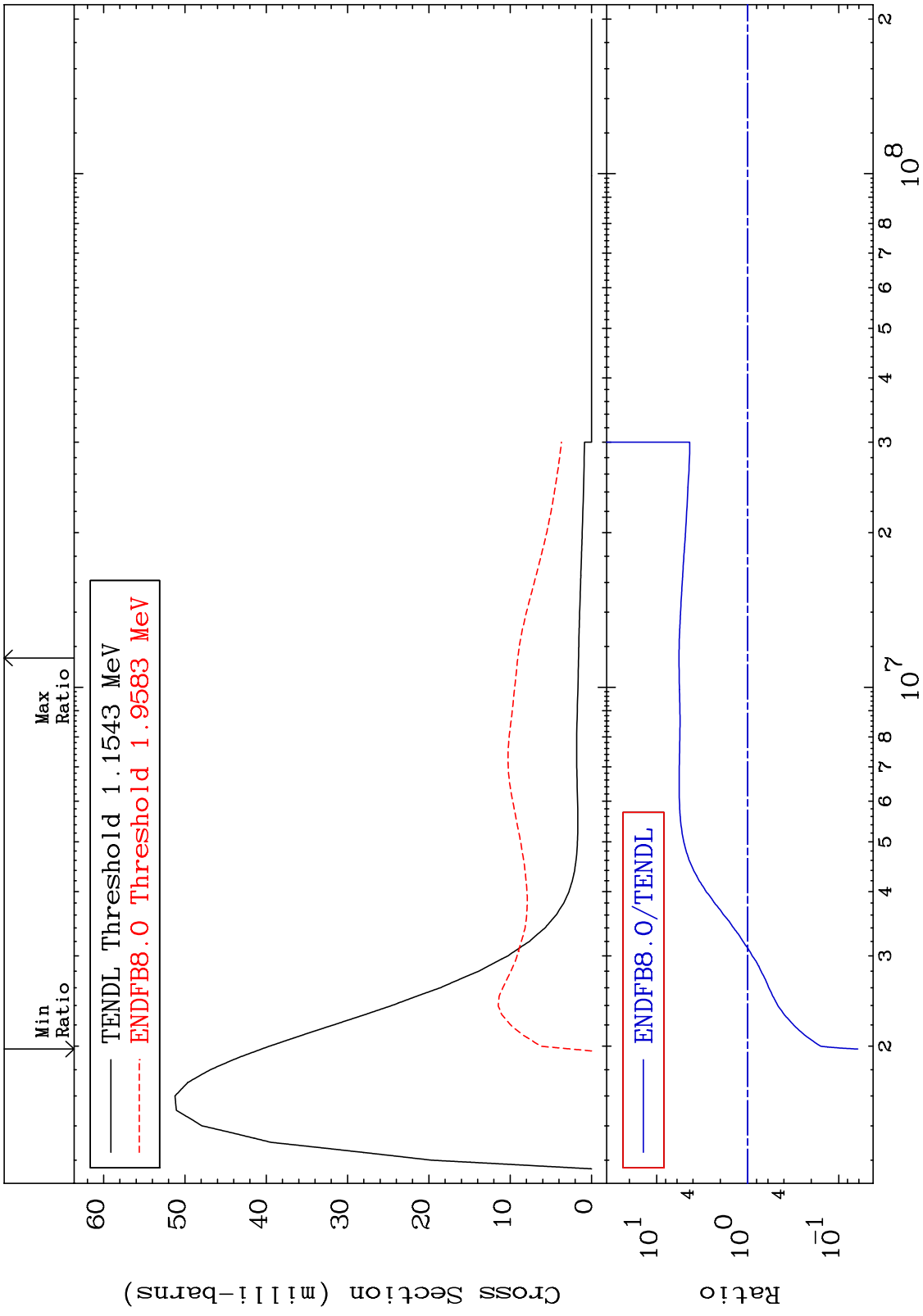
MAT 9231 MT= 76 (n,n') Level Cross Section 92-U -236
 -88.48 To 9999. %



MAT 9231 MT= 77 (n,n') Level Cross Section 92-U -236
 -94.96 To 9999. %



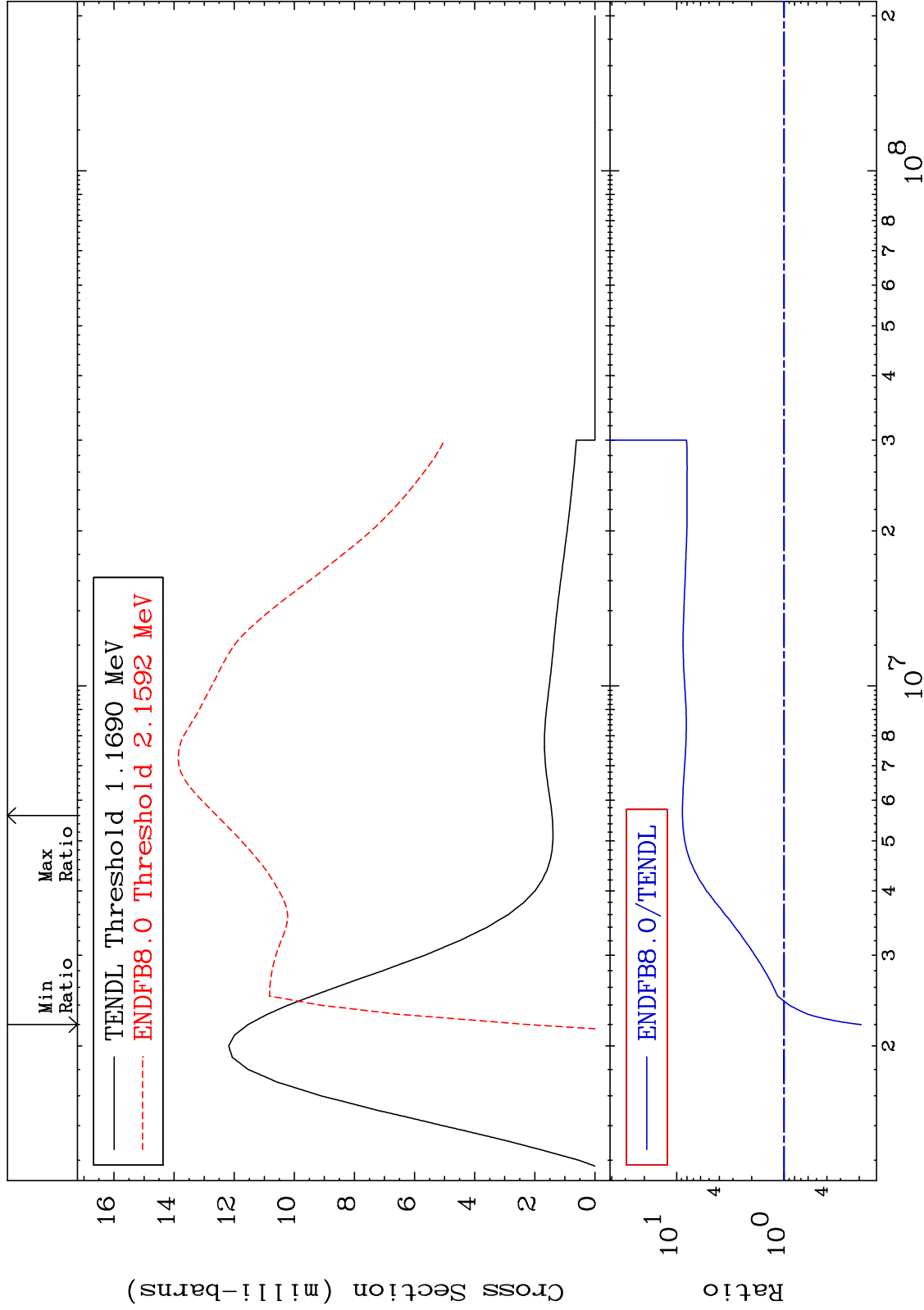
MAT 9231 MT= 78 (n,n') Level Cross Section 92-U -236
 -93.84 To 468.5 %



MAT 9231

MT= 79 (n,n') Level
Cross Section

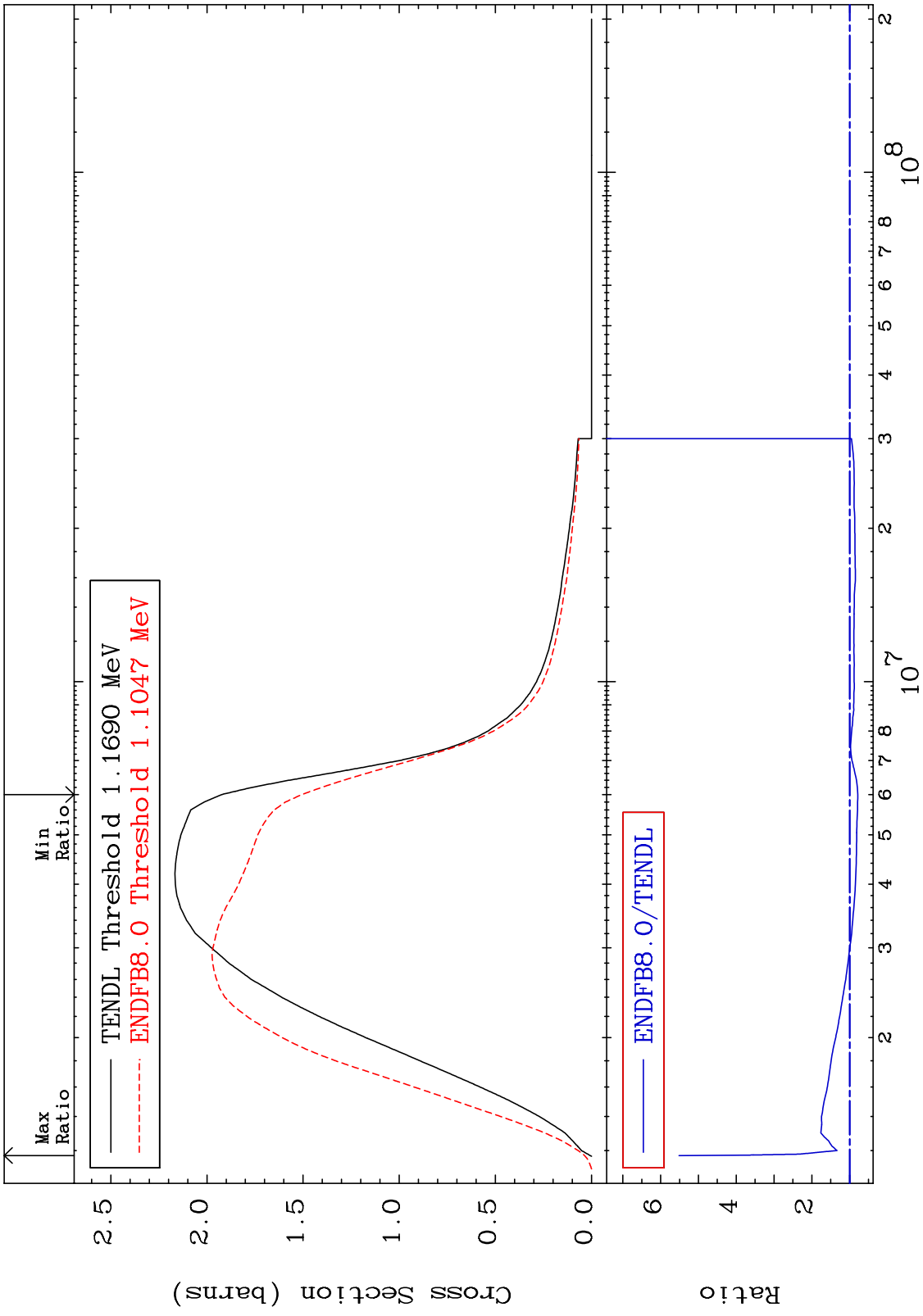
92-U -236
-80.83 To 782.3 %



40

Incident Energy (eV)

92-U -236



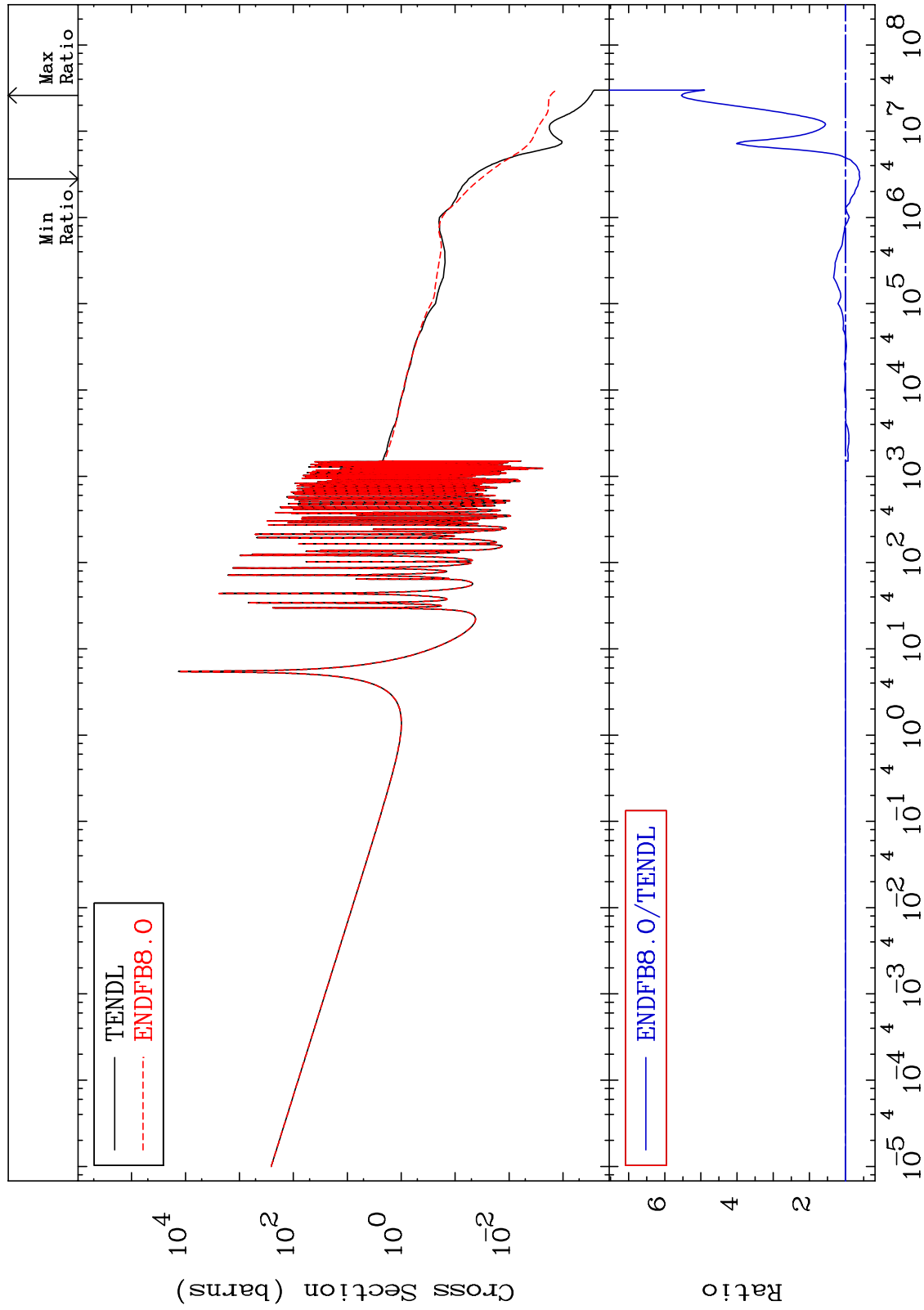
MAT 9231

(n, γ)

92-U -236

Cross Section

-39.45 To 453.8 %

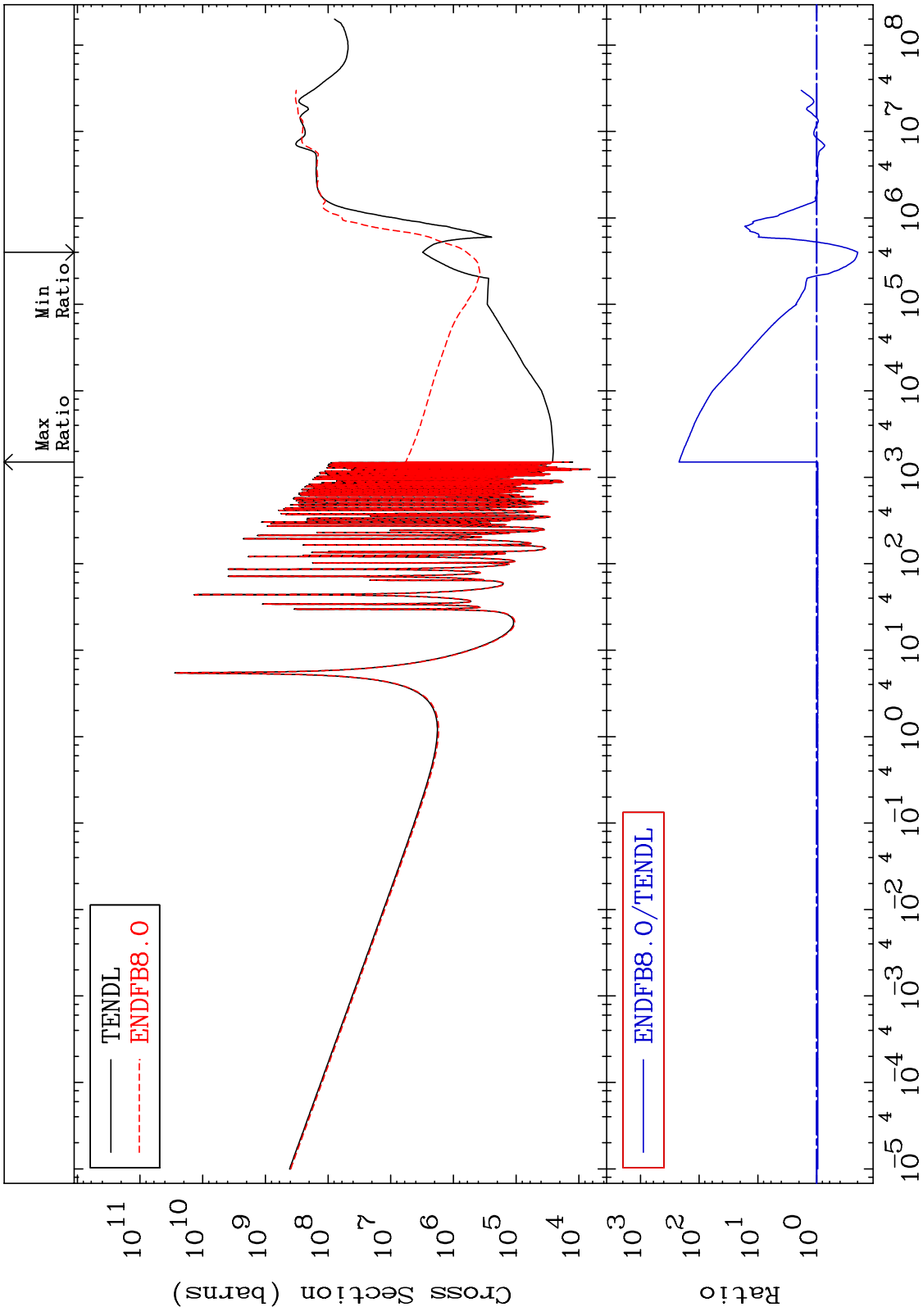


42

Incident Energy (eV)

92-U -236

MAT 9231 Kerma total (eV-barns) 92-U -236
 Cross Section -80.14 To 9999. %

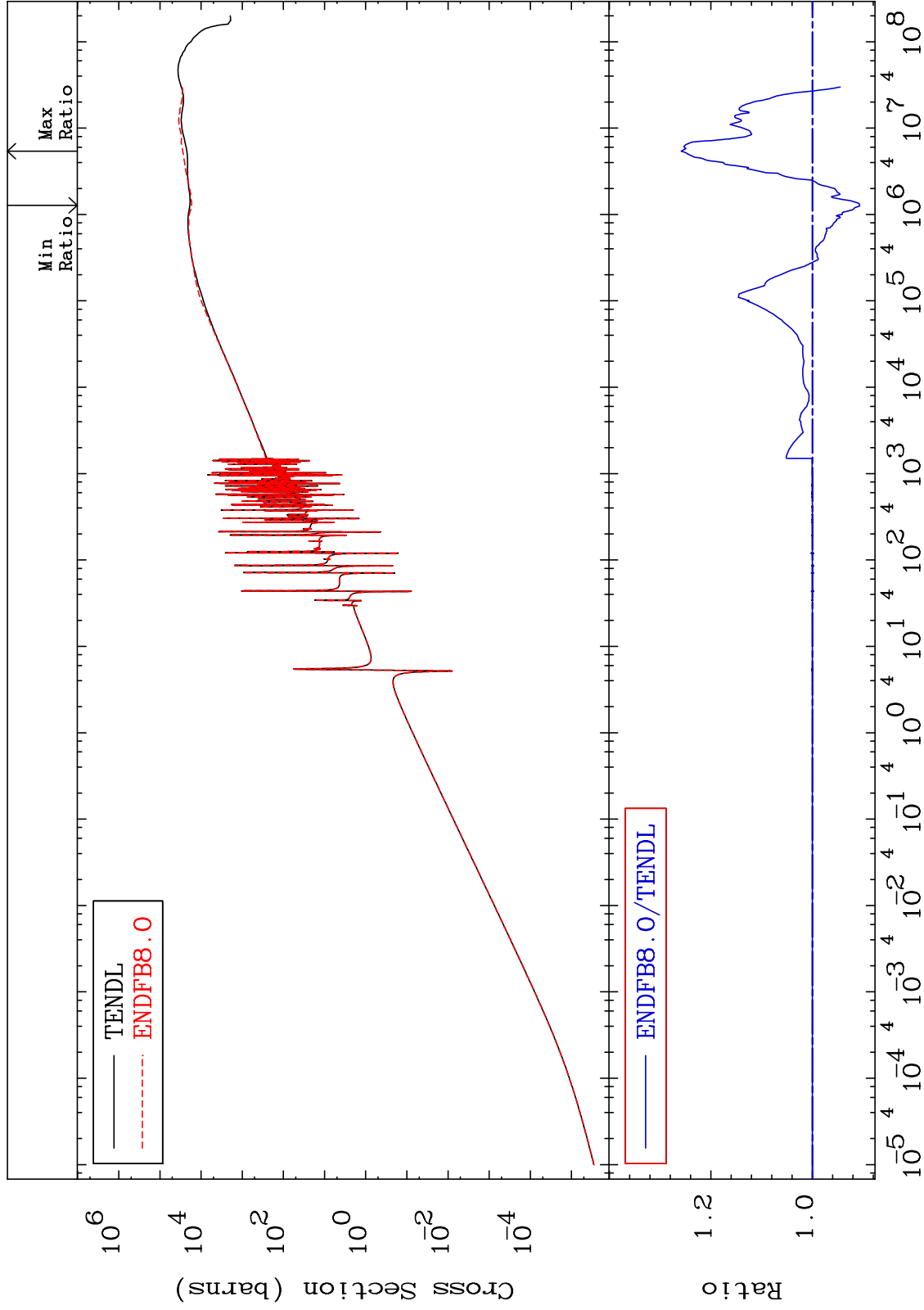


43 Incident Energy (eV) 92-U -236

MAT 9231

Kerma elastic
Cross Section

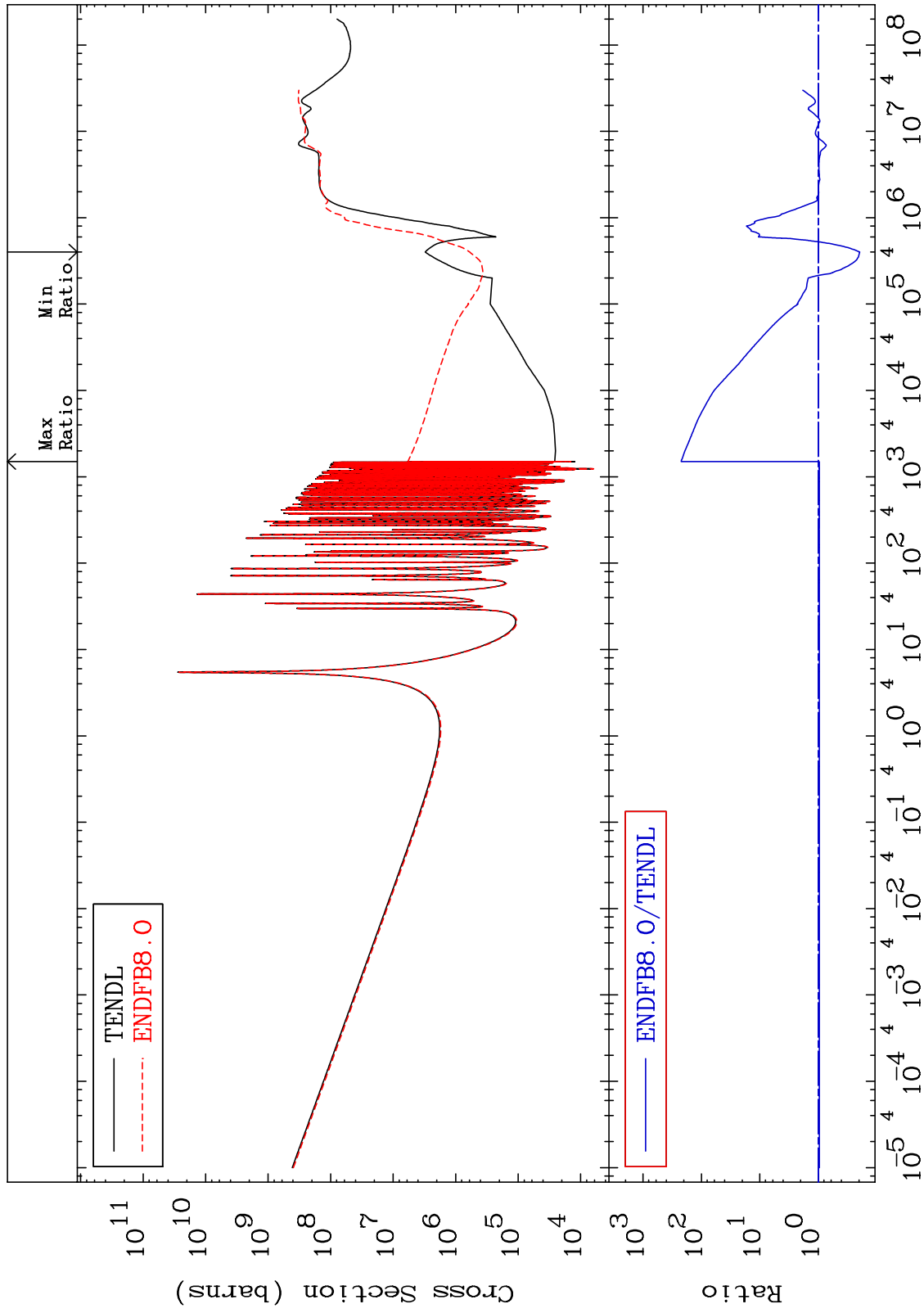
92-U -236
-9.324 To 25.85 %



MAT 9231

Kerma non-elastic (all but mt2)
Cross Section

92-U -236
-80.61 To 9999. %

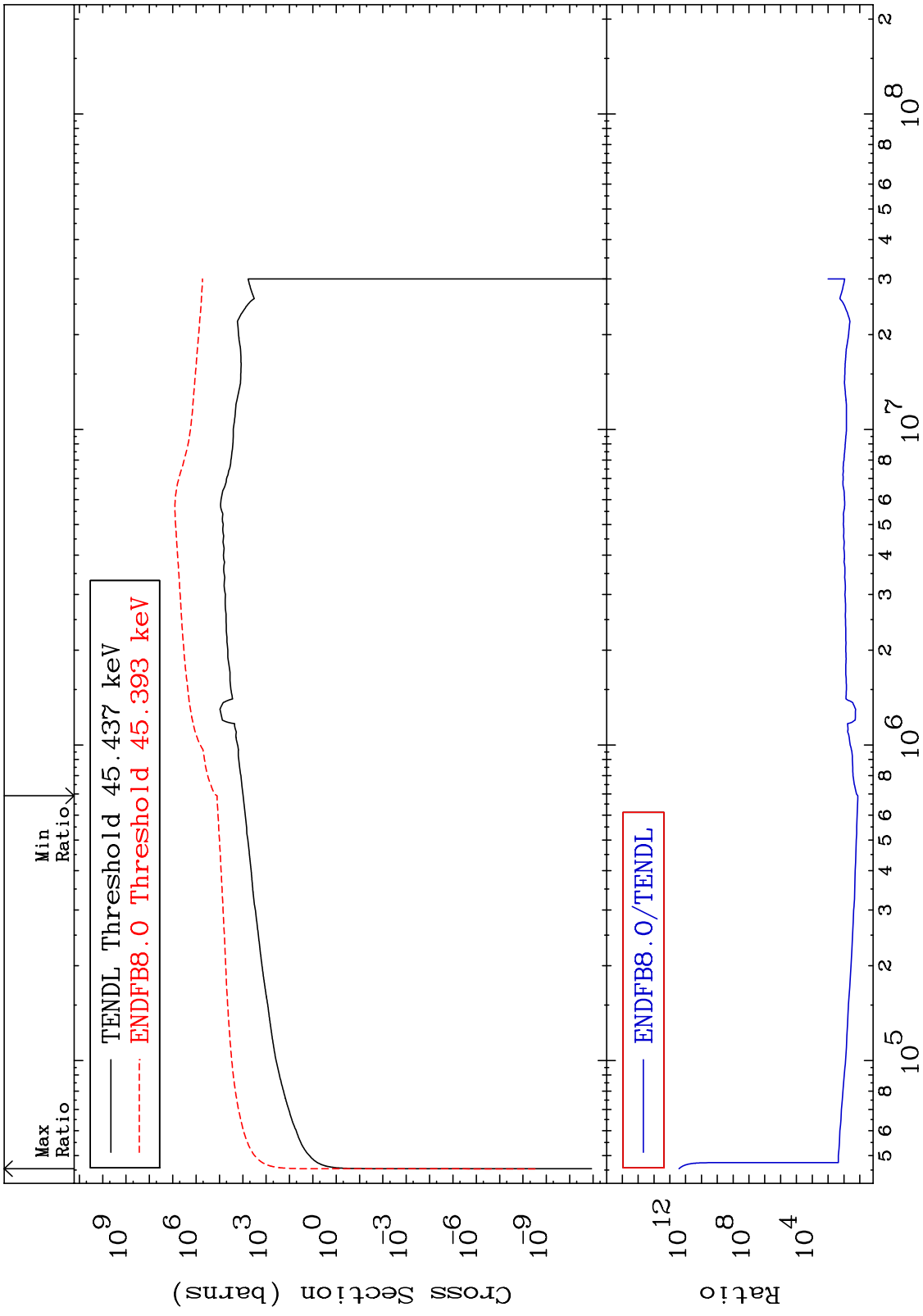


45

Incident Energy (eV)

92-U -236

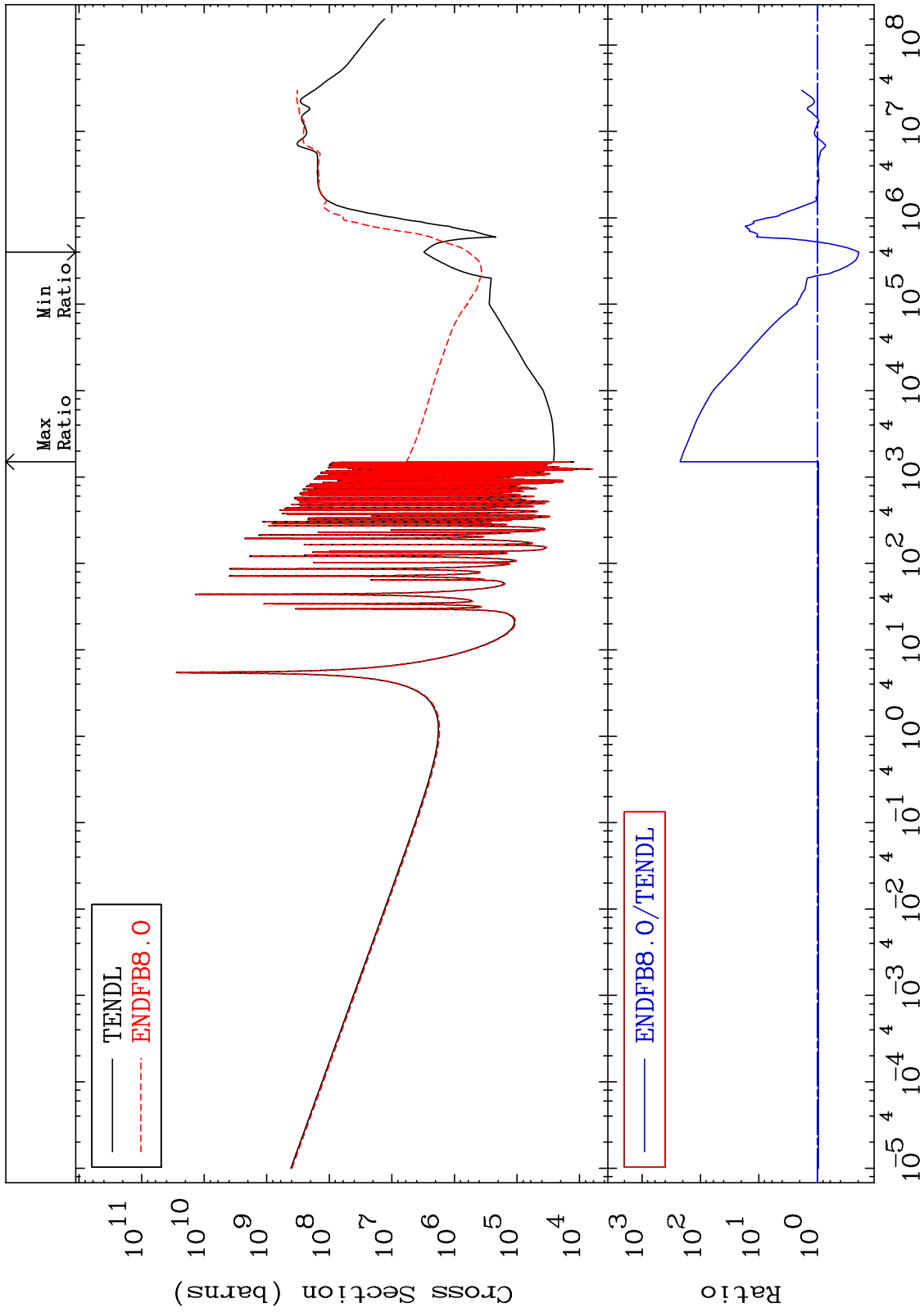
MAT 9231 Kerma inelastic (mt51-91) 92-U -236
 Cross Section 1223. To 9999. %



MAT 9231

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

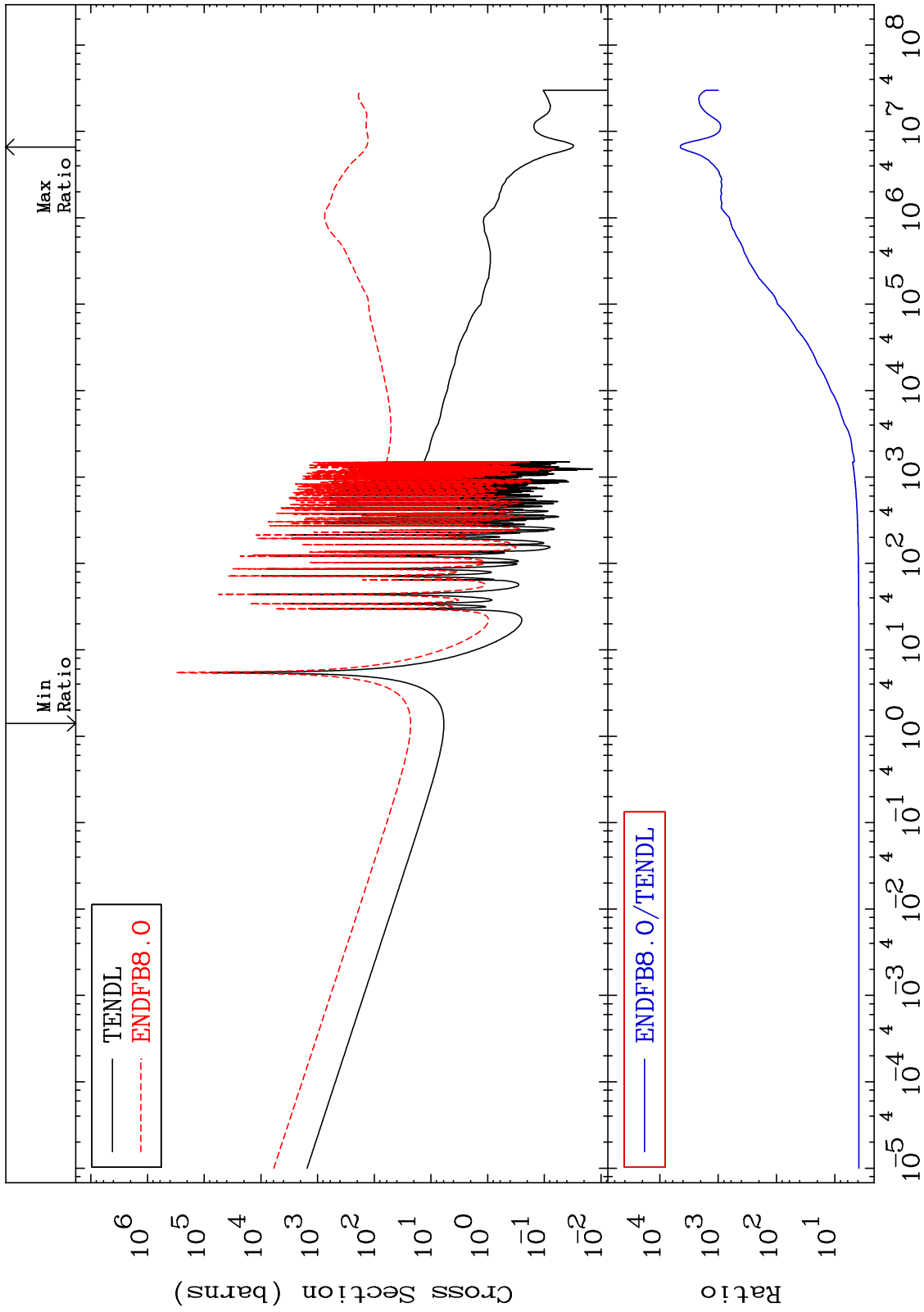
92-U -236
-80.58 To 9999. %



MAT 9231

Kerma capture (mt102)
Cross Section

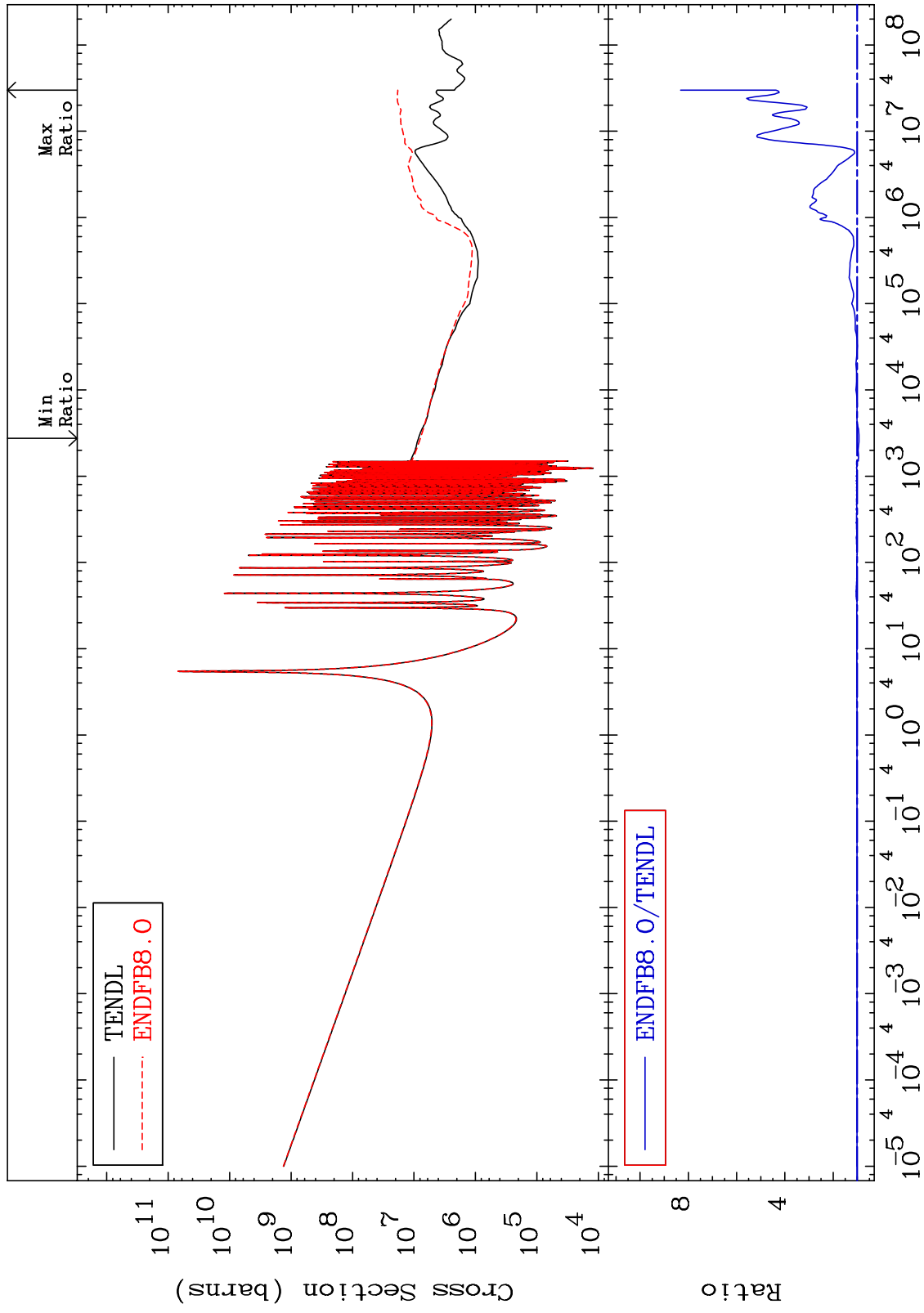
92-U -236
285.9 To 9999. %



MAT 9231

Total photon (eV-barns)
Cross Section

92-U -236
-7.171 To 732.0 %



49

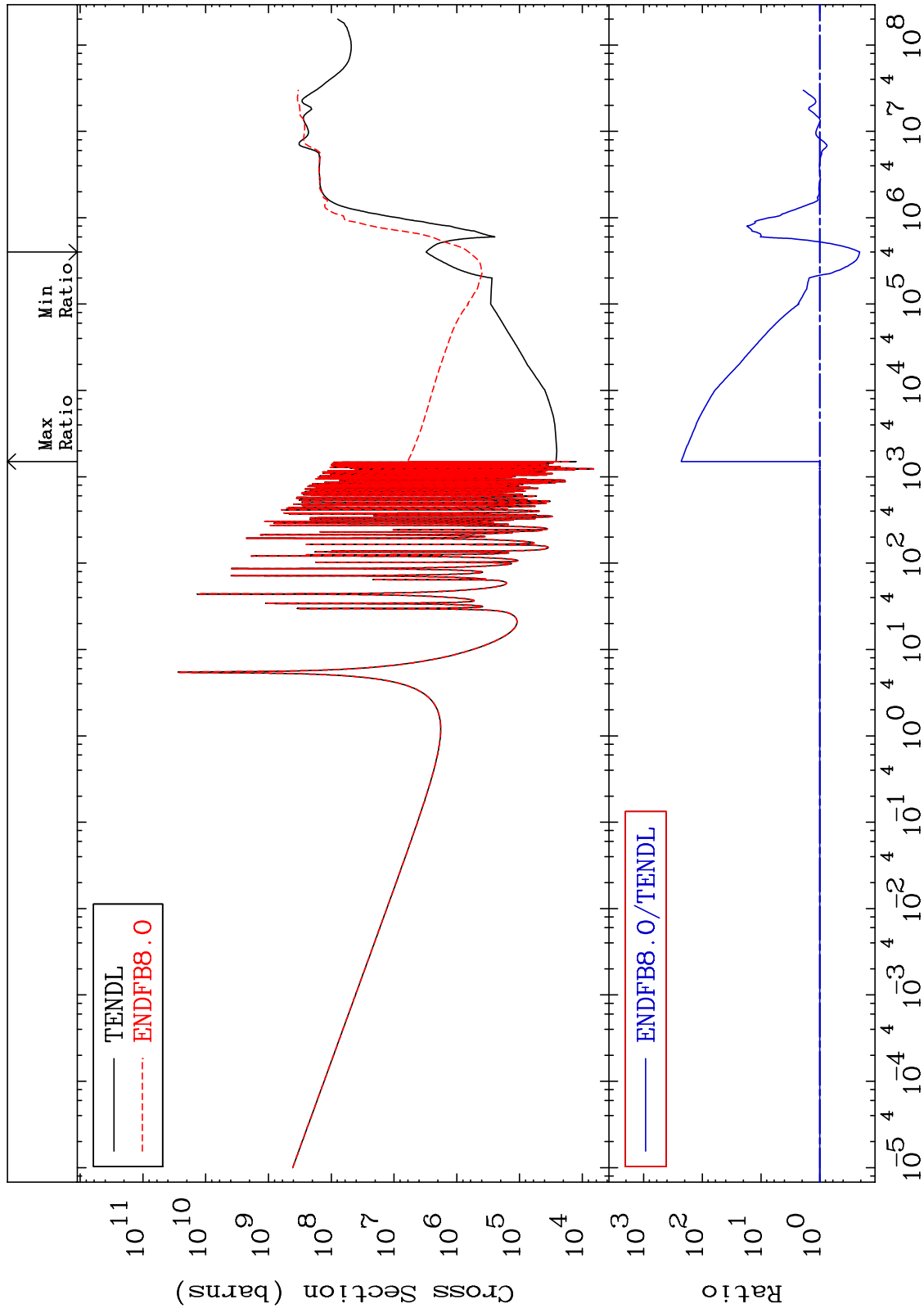
Incident Energy (eV)

92-U -236

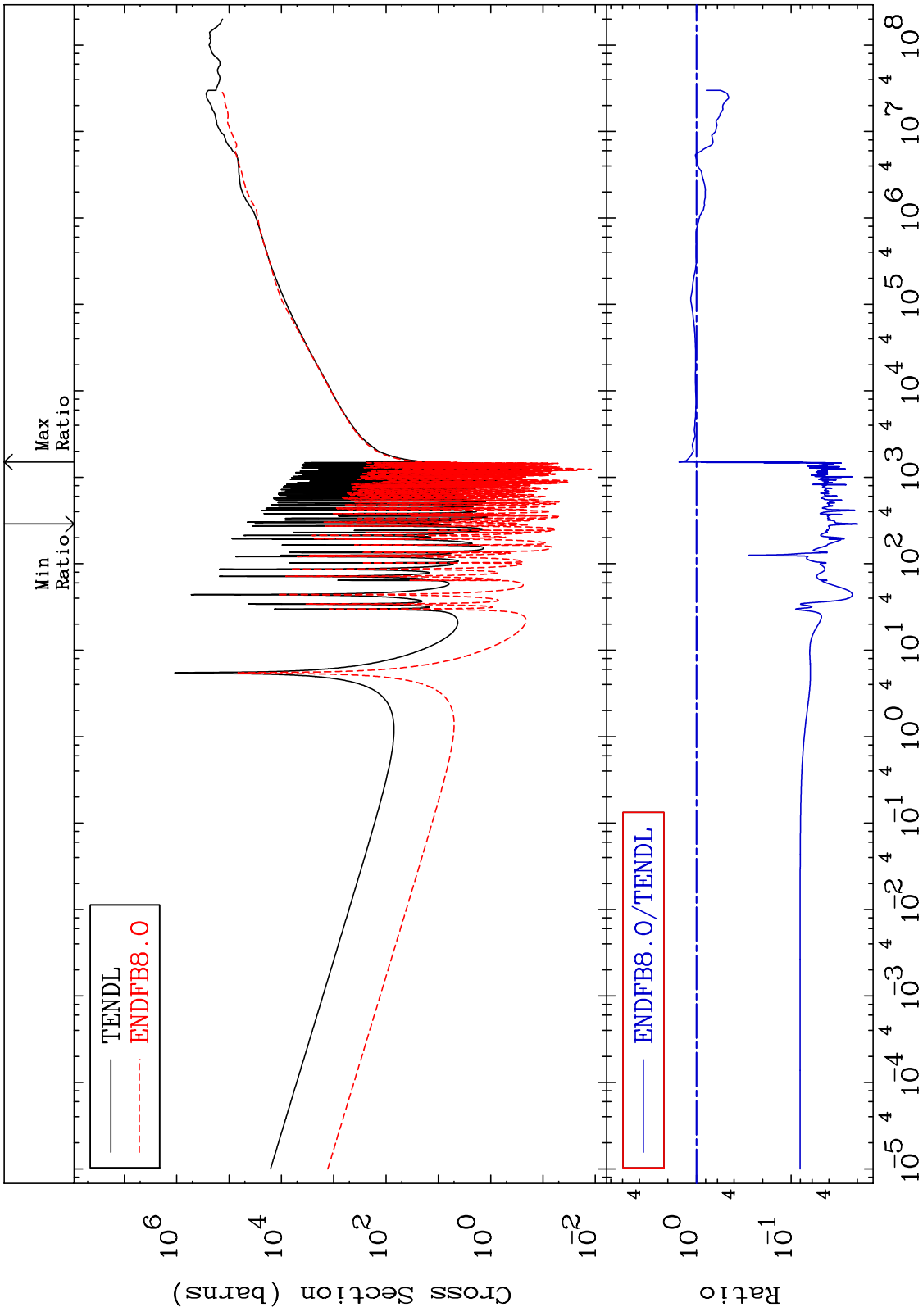
MAT 9231

Total kinematic kerma (high limit)
Cross Section

92-U -236
-79.13 To 9999. %



MAT 9231 Dpa total (eV-barns) 92-U -236
 Cross Section -98.02 To 52.35 %

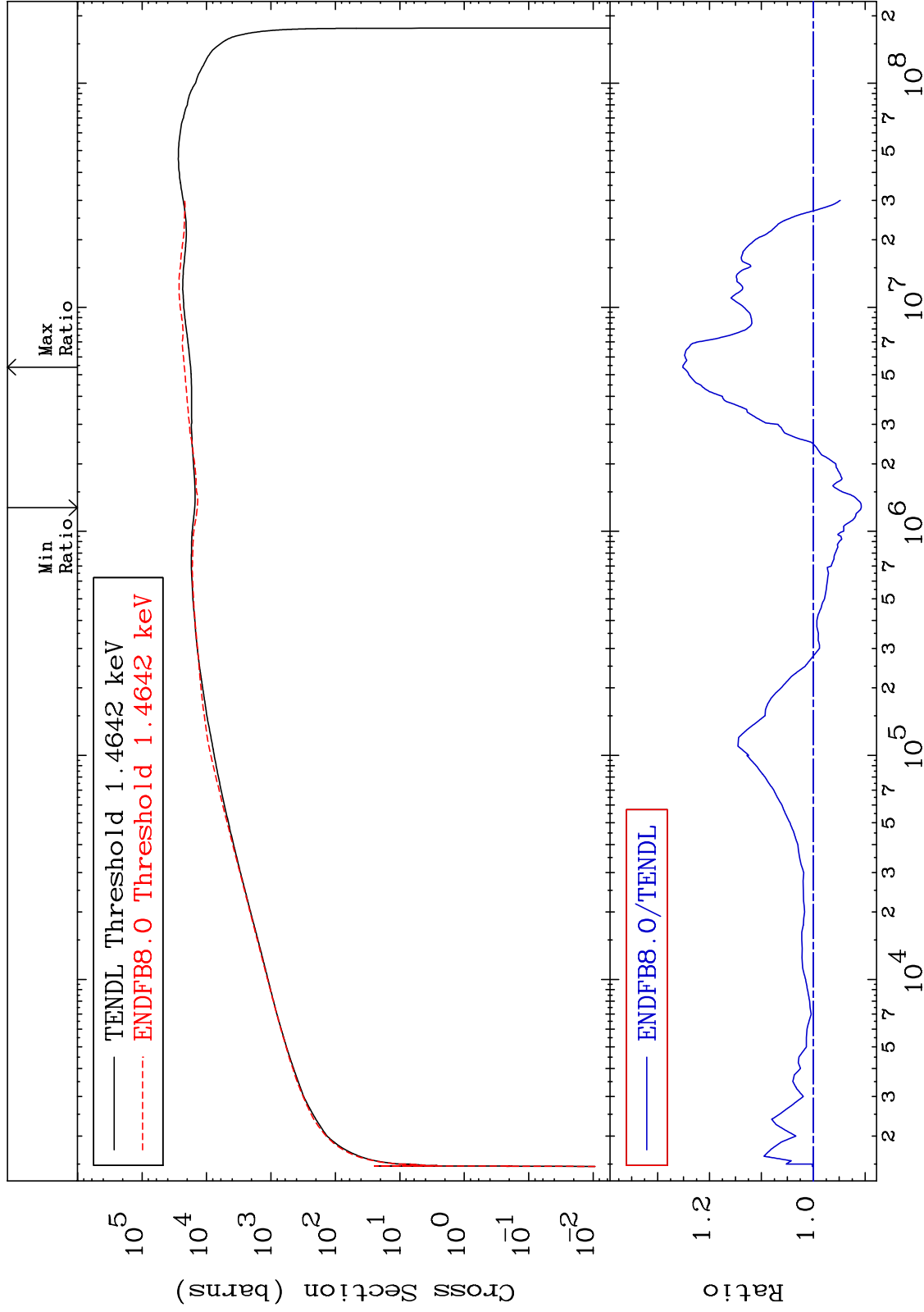


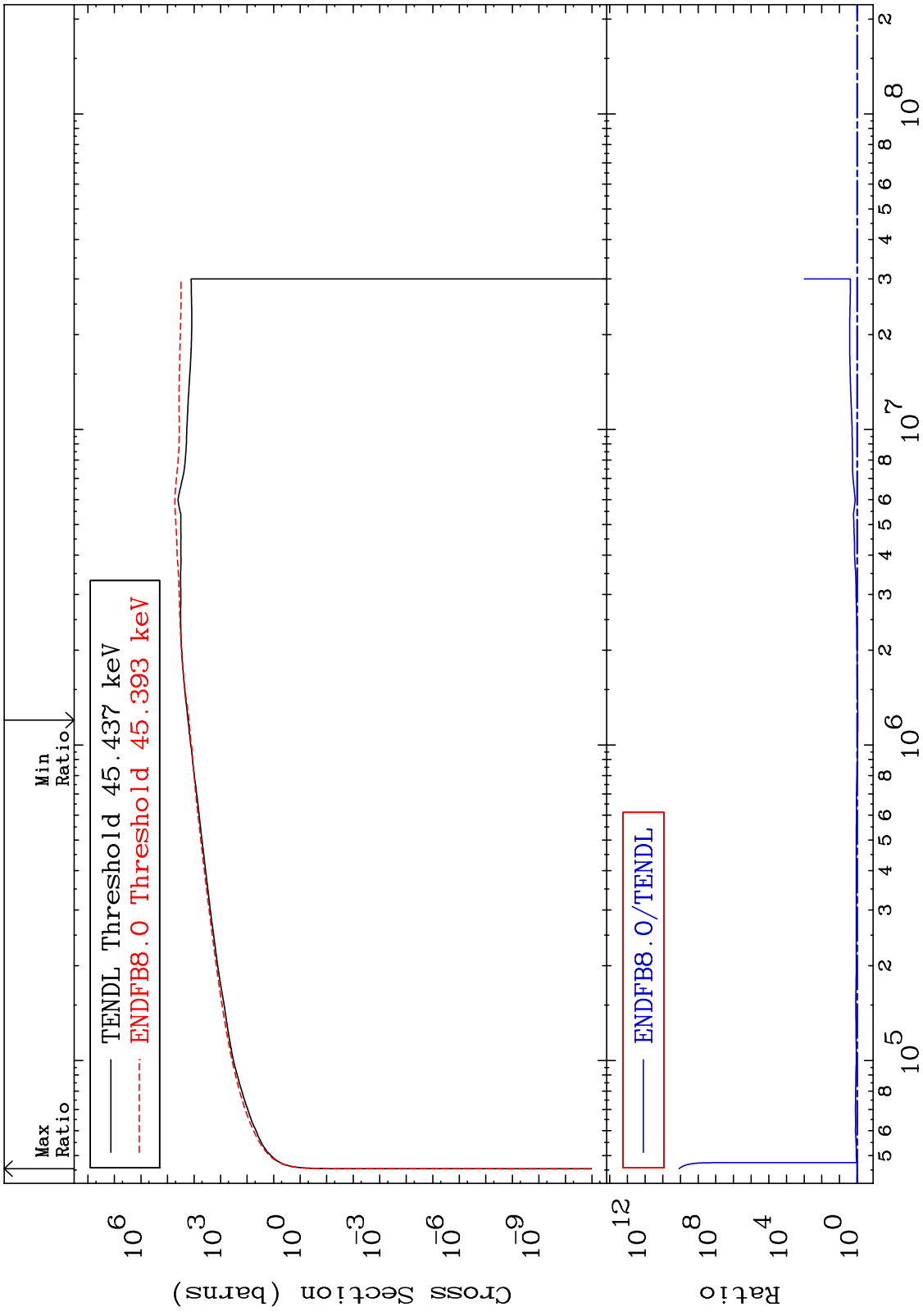
51 Incident Energy (eV) 92-U -236

MAT 9231

Dpa elastic (mt2)
Cross Section

92-U -236
-9.249 To 25.21 %





MAT 9231 Dpa disappearance (mt102 -120) 92-U -236
 Cross Section -99.96 To 1257. %

