

Program Complot
(Version 2018-1)

by

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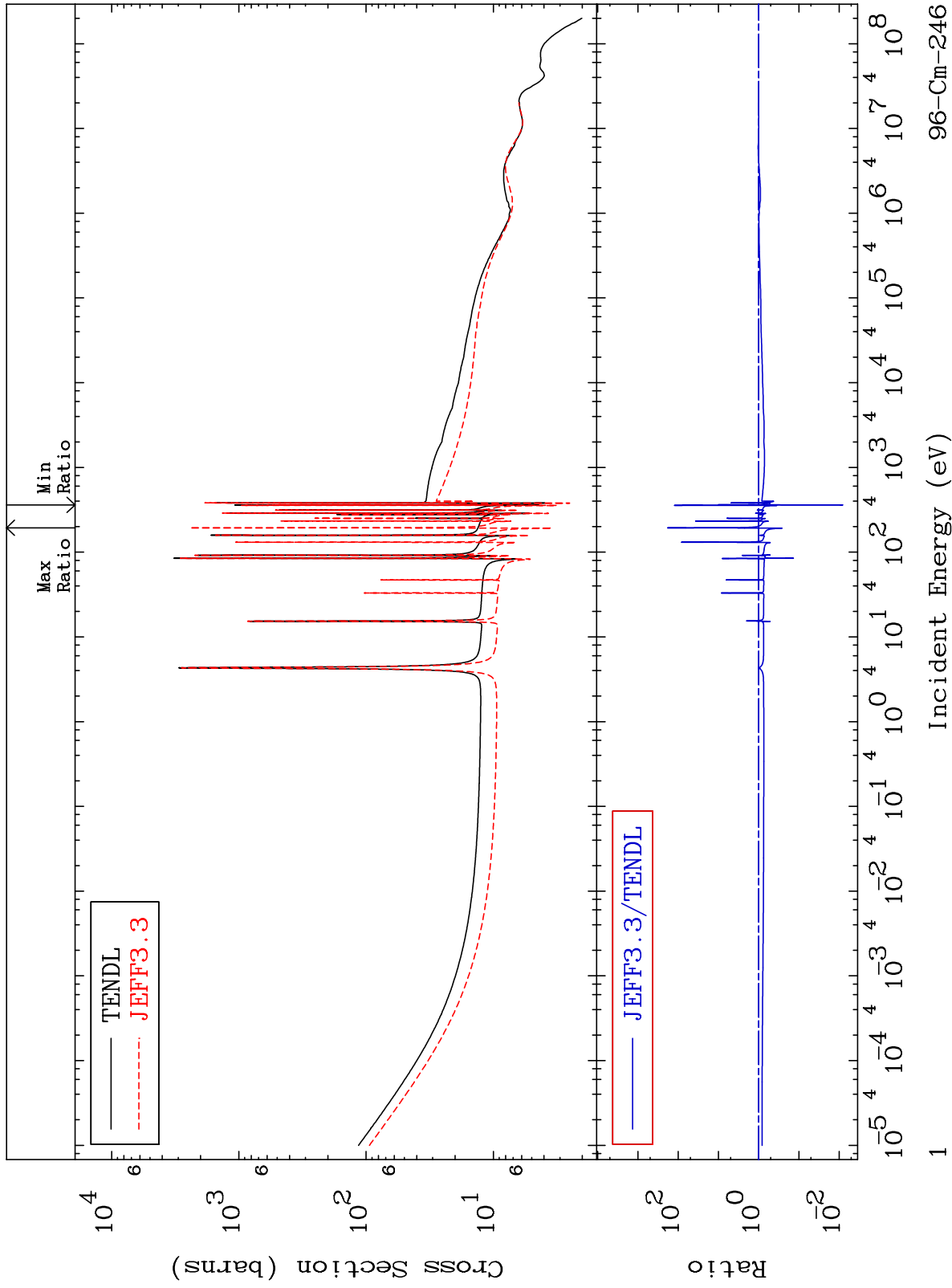
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9643

Total
Cross Section

96-Cm-246
-99.18 To 9999. %



96-Cm-246

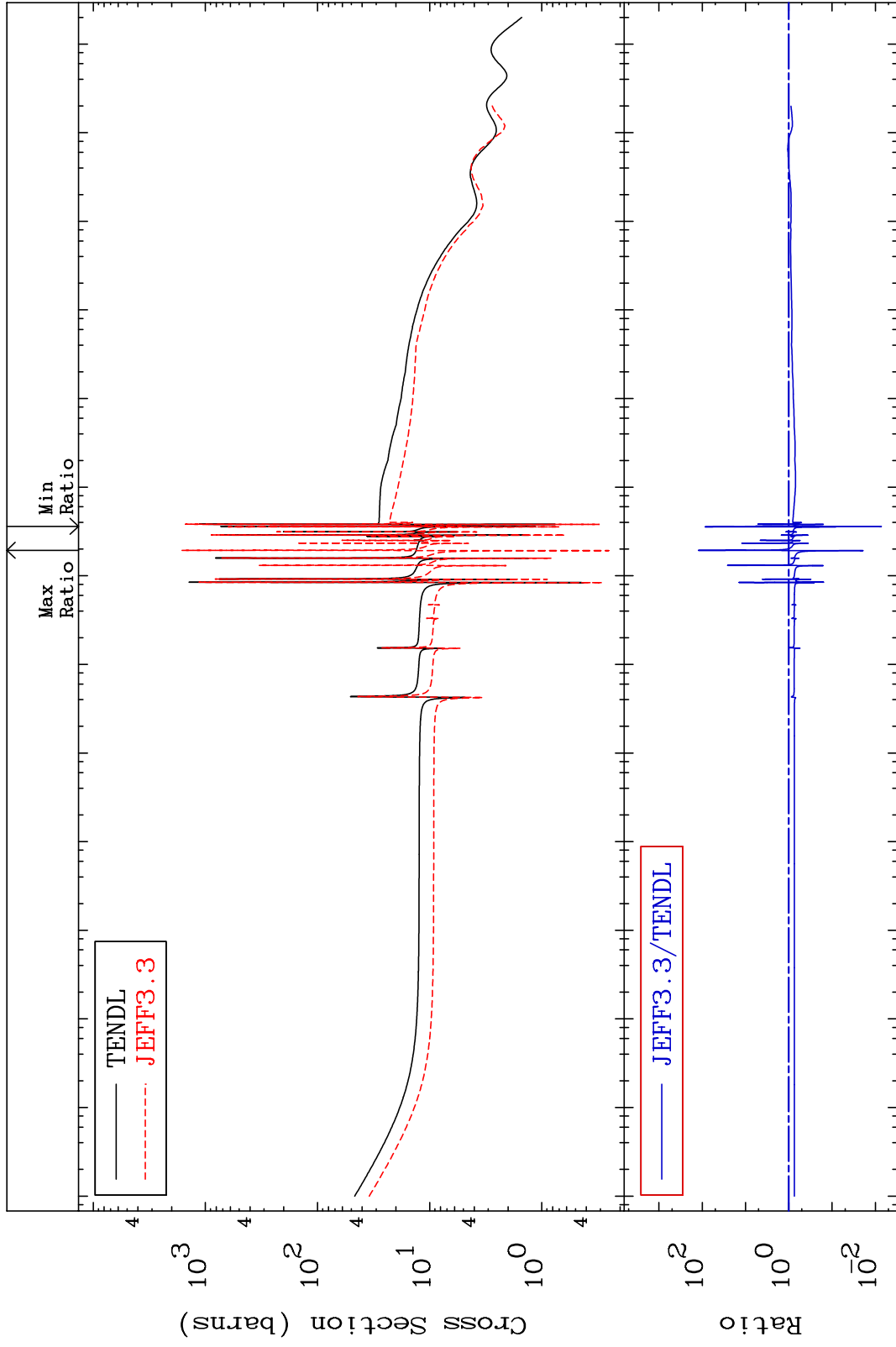
MAT 9643

Elastic

96-Cm-246

Cross Section

-99.28 To 9999. %



2

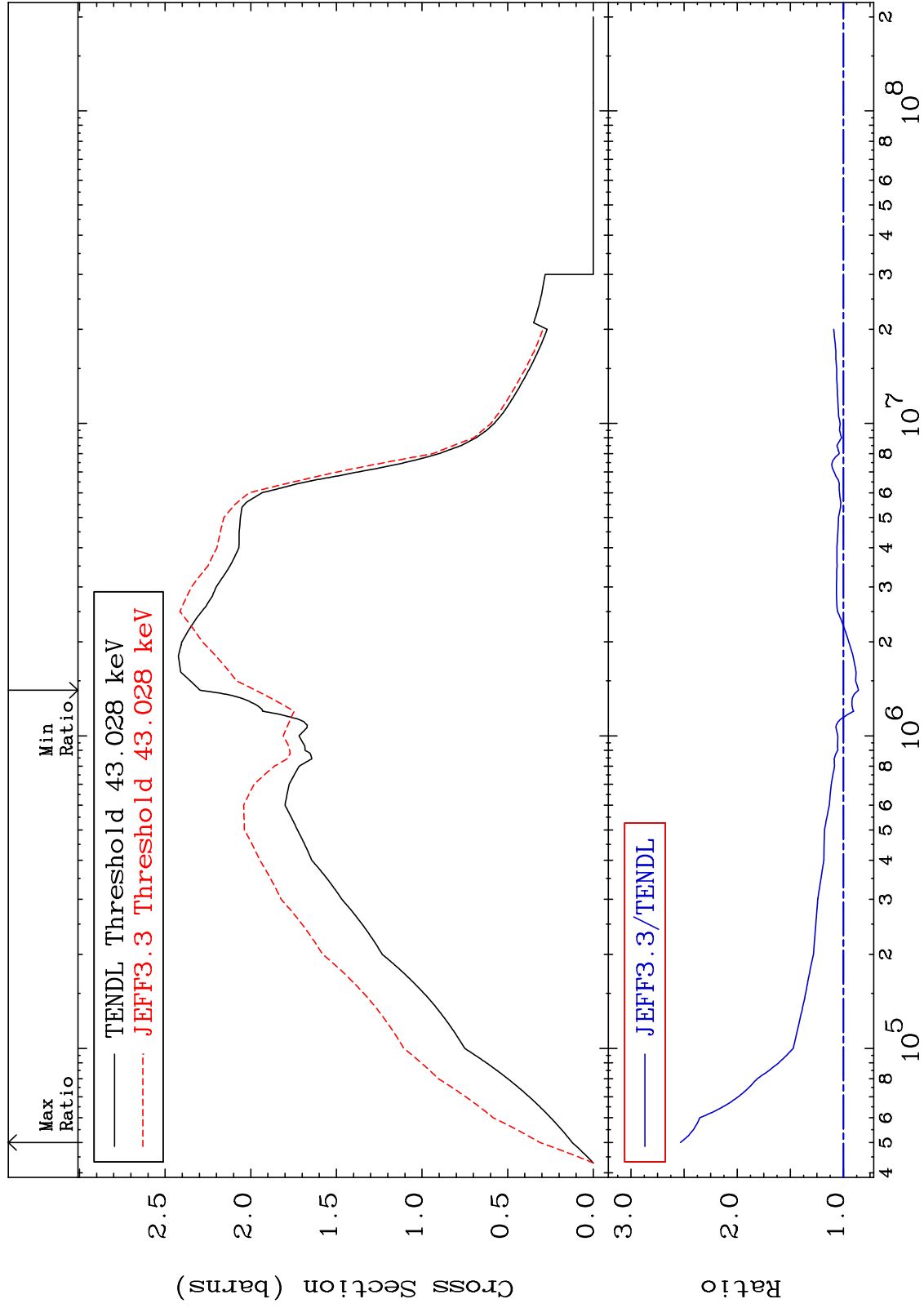
Incident Energy (eV)

96-Cm-246

MAT 9643

Inelastic
Cross Section

96-Cm-246
-14.15 To 153.4 %



3

Incident Energy (eV)

96-Cm-246

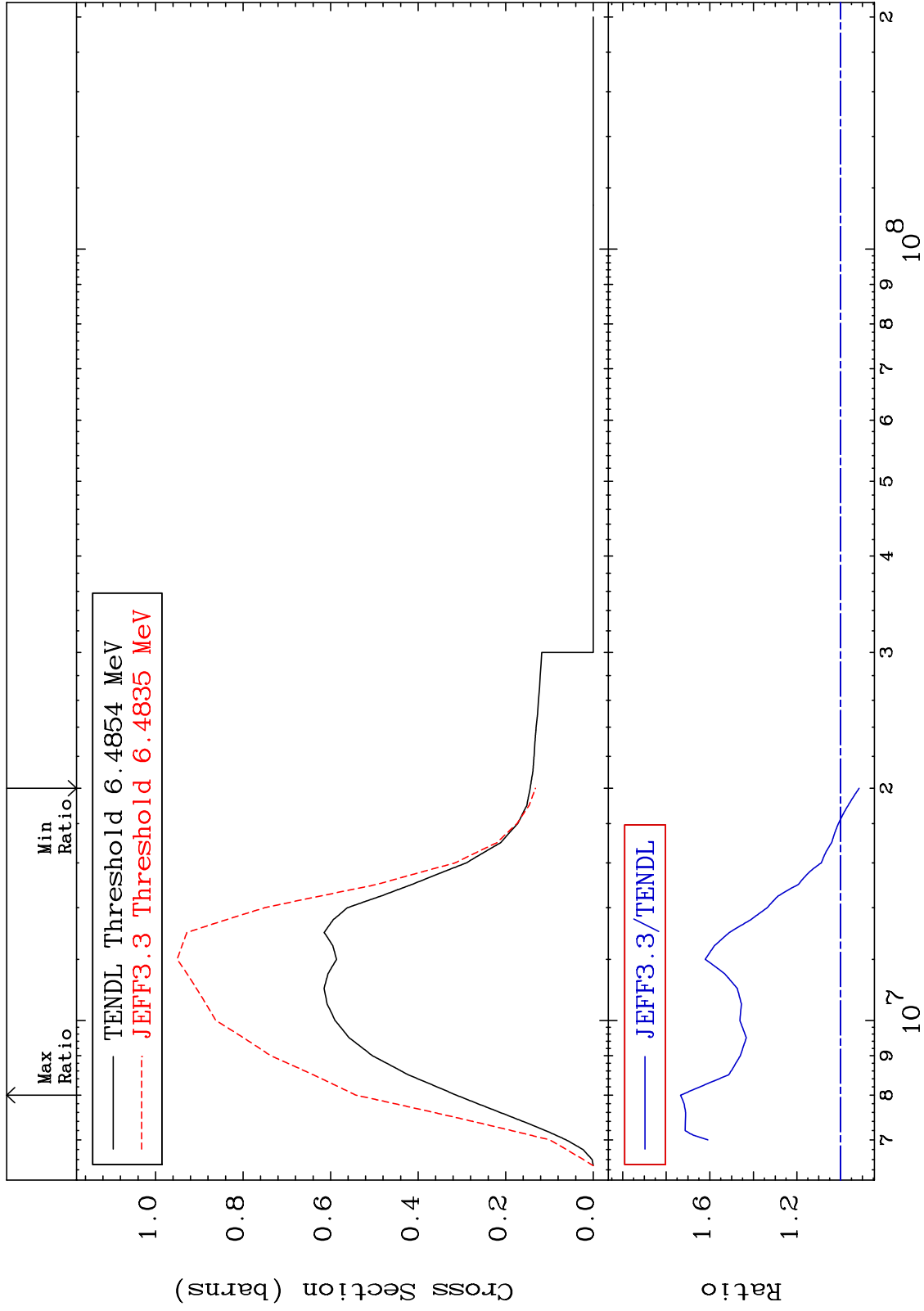
MAT 9643

(n,2n)

96-Cm-246

Cross Section

-8.526 To 73.39 %



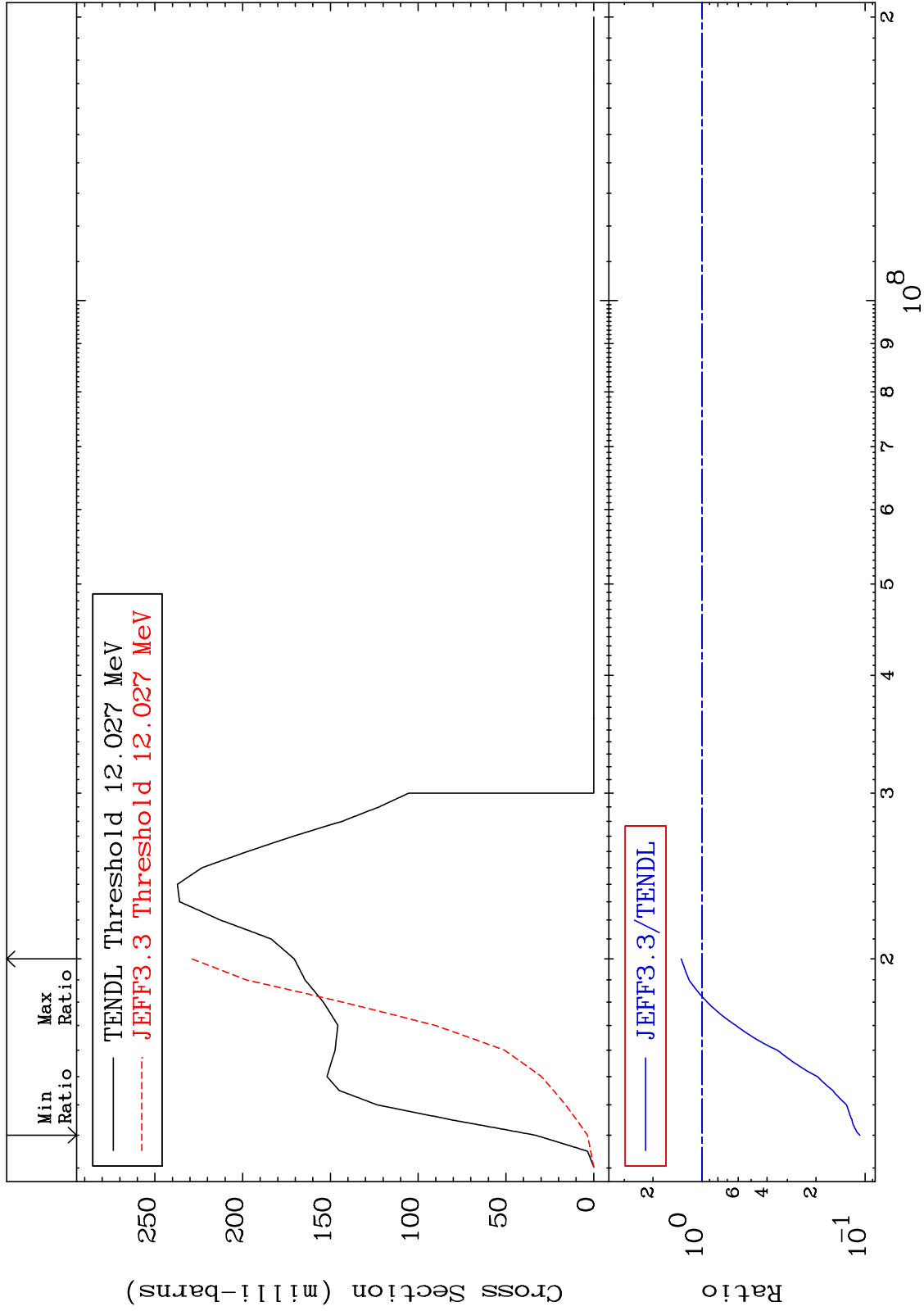
MAT 9643

(n, 3n)

96-Cm-246

Cross Section

-89.24 To 34.19 %



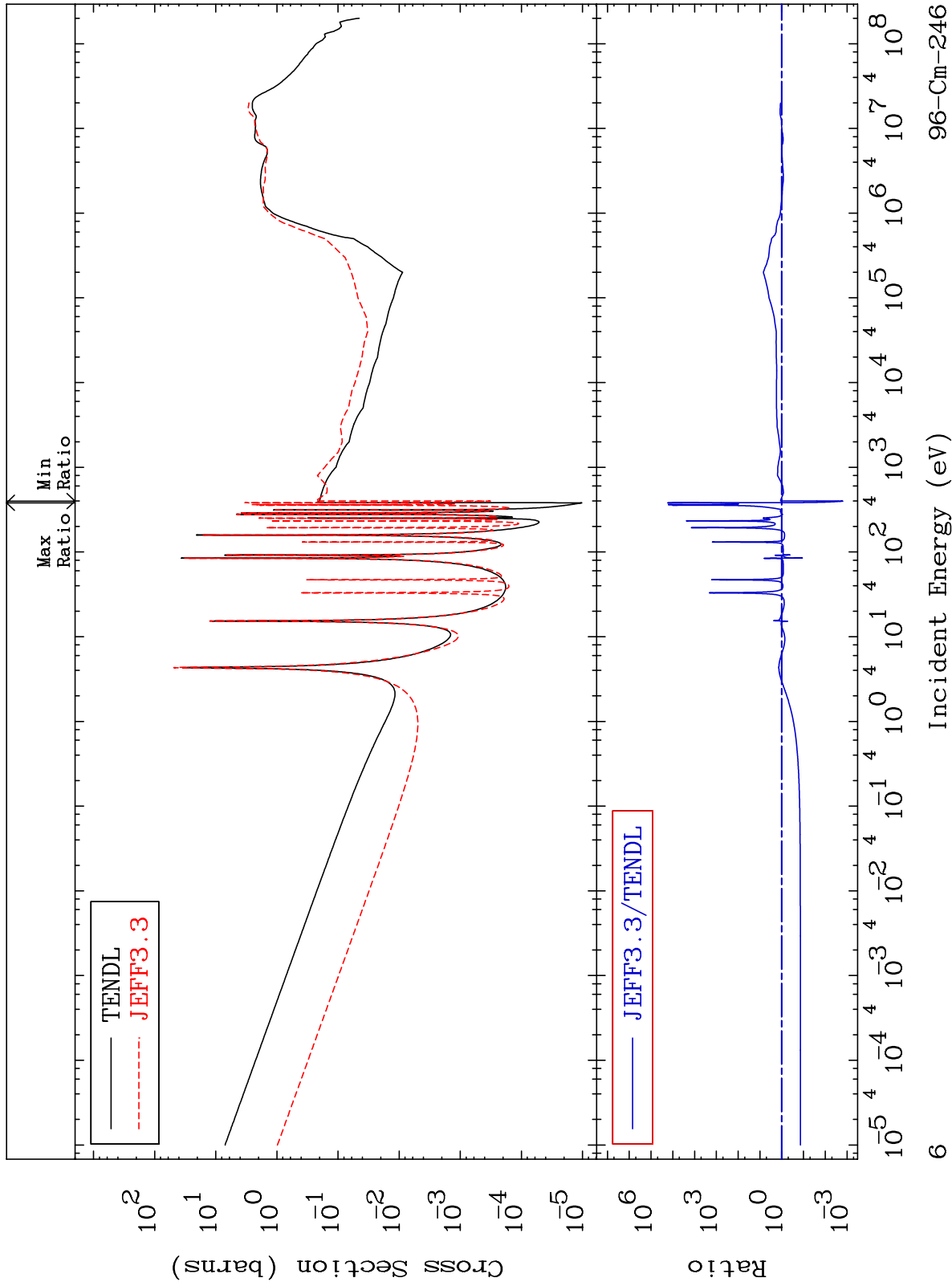
5

Incident Energy (eV)

96-Cm-246

MAT 9643

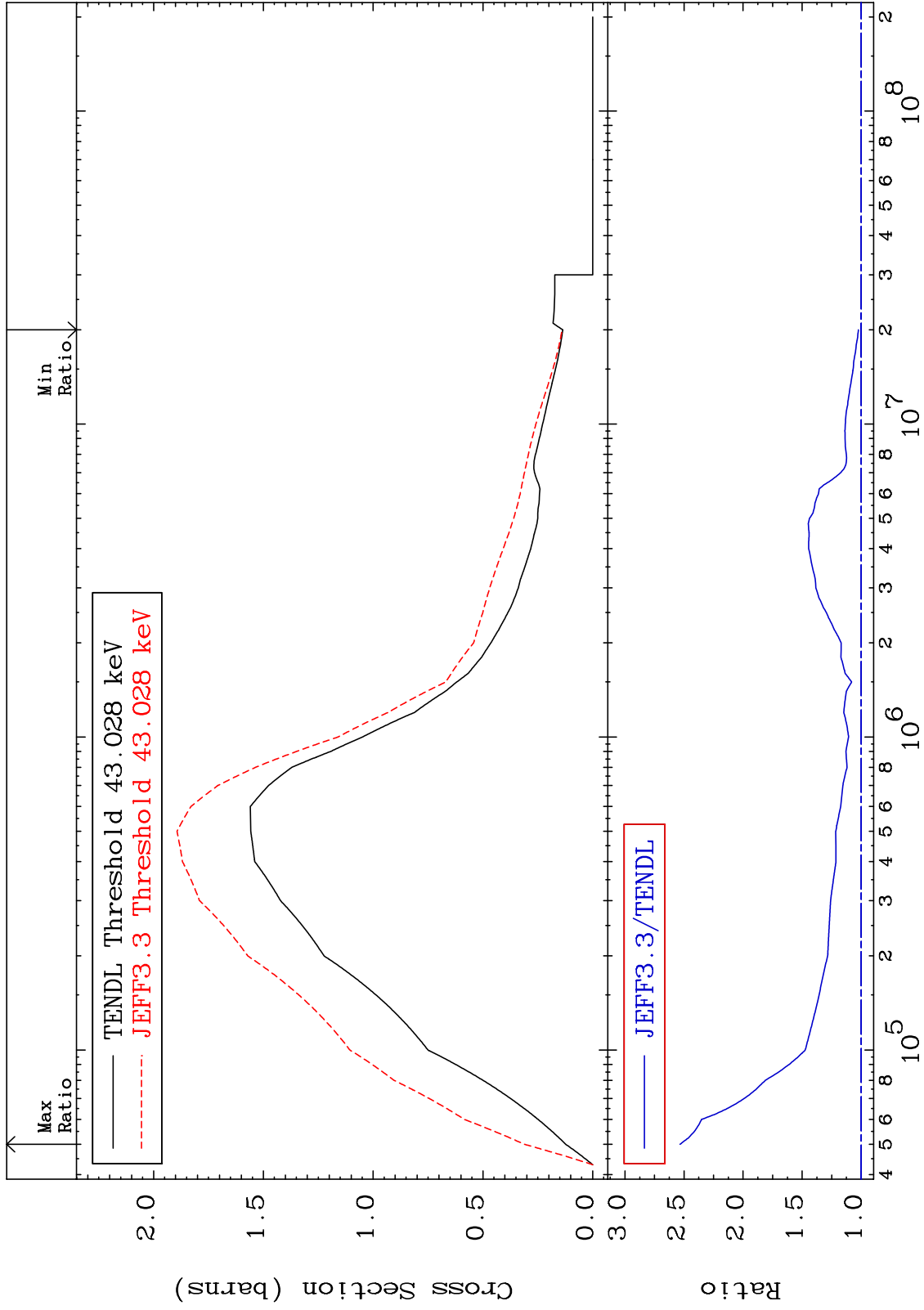
Fission Cross Section
96-Cm-246
-99.84 To 9999. %



MAT 9643

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

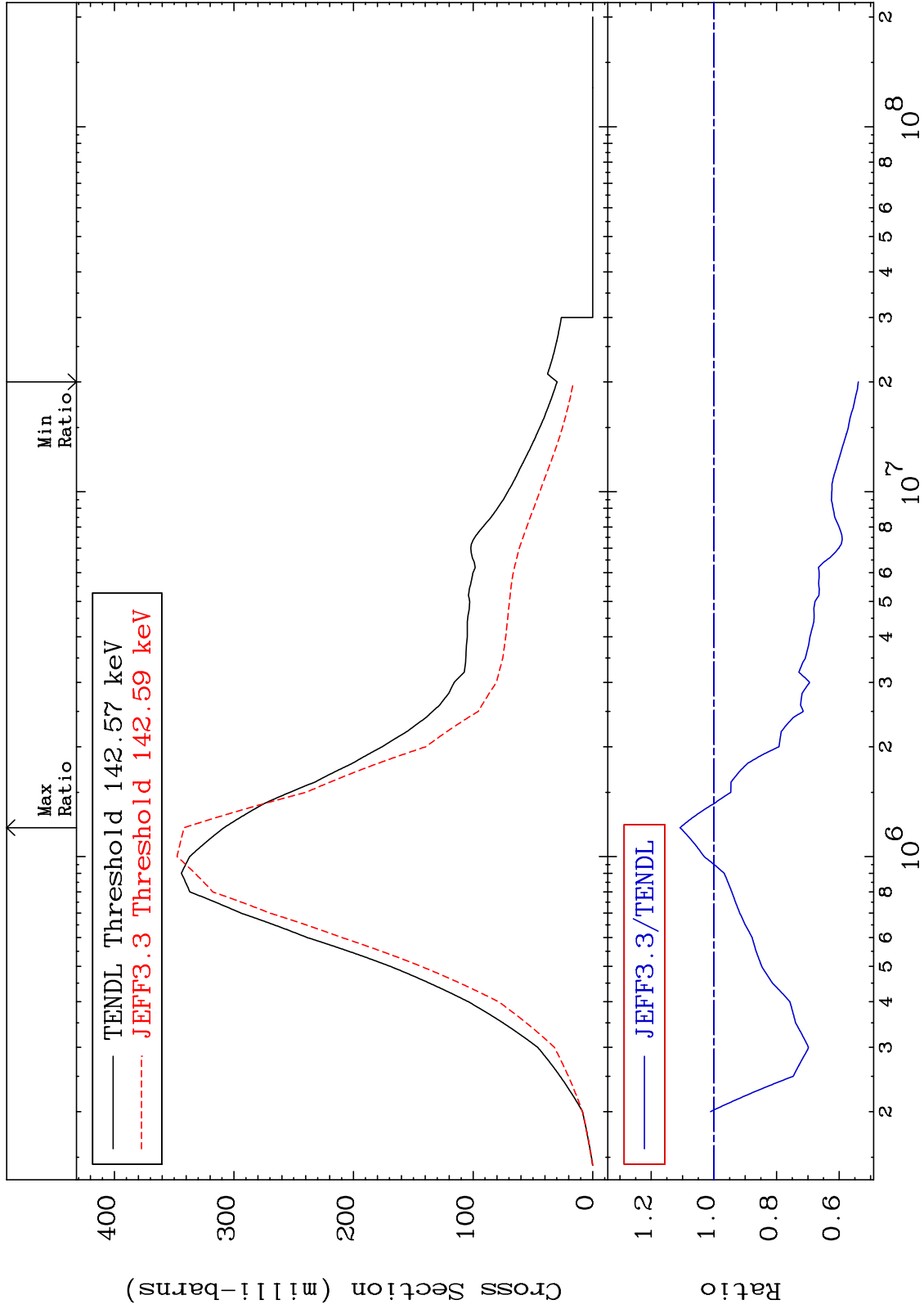
96-Cm-246
2.376 To 153.4 %



MAT 9643

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

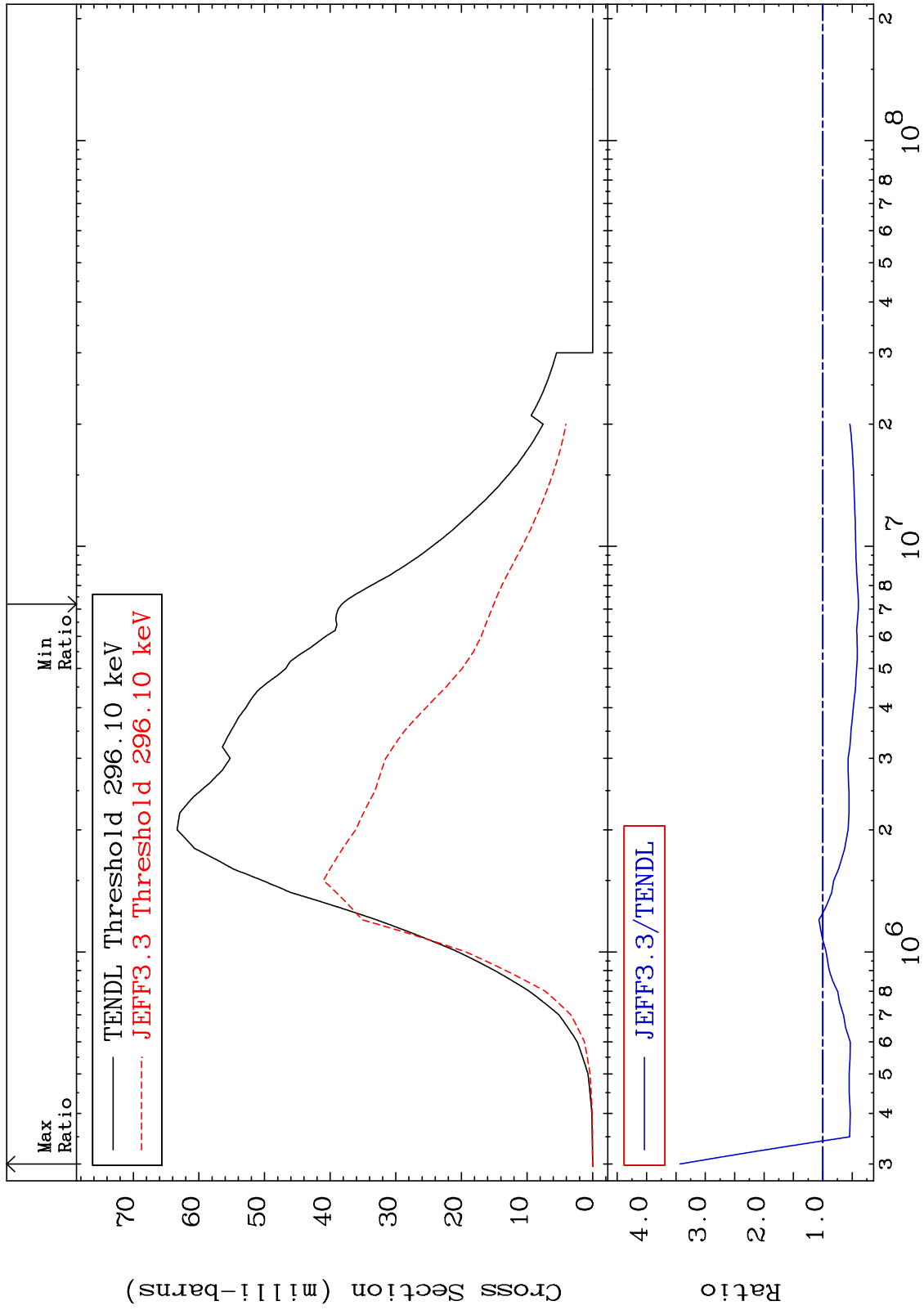
96-Cm-246
-46.12 To 10.82 %



MAT 9643

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

96-Cm-246
-60.59 To 243.0 %



9

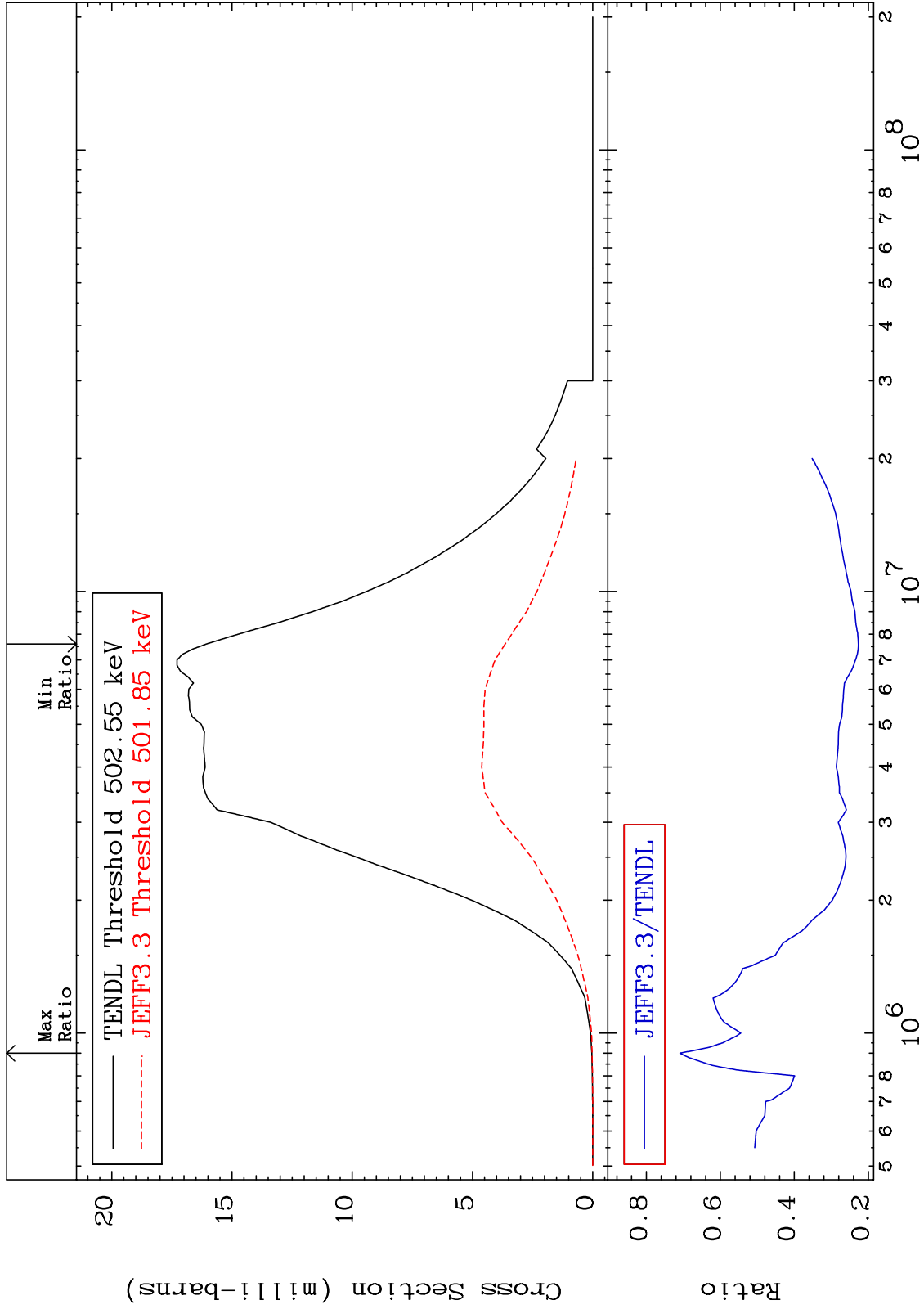
Incident Energy (eV)

96-Cm-246

MAT 9643

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

96-Cm-246
-77.32 To -29.09%



10

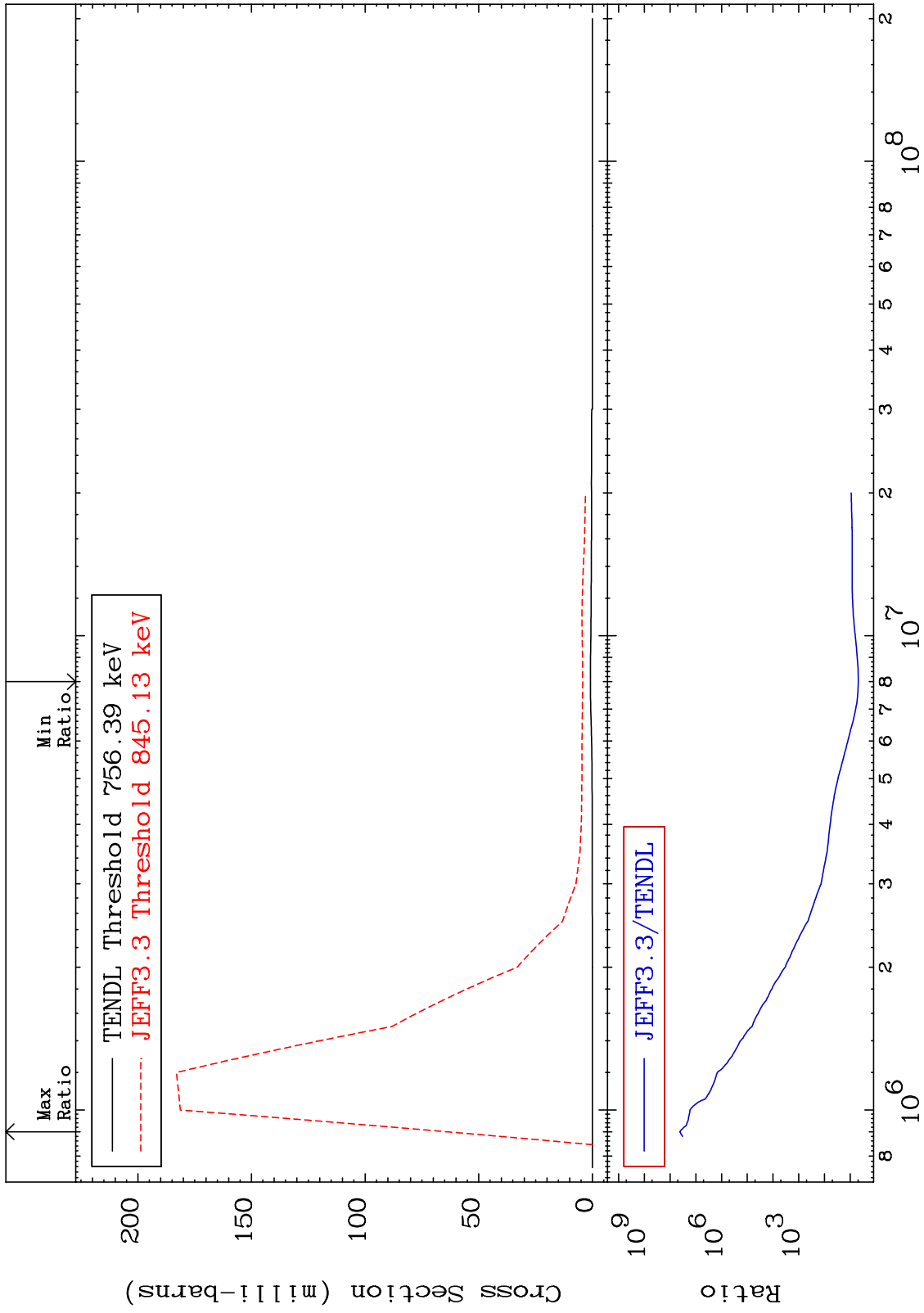
96-Cm-246

96-Cm-246

MAT 9643

MT= 55 (n,n') Level
Cross Section

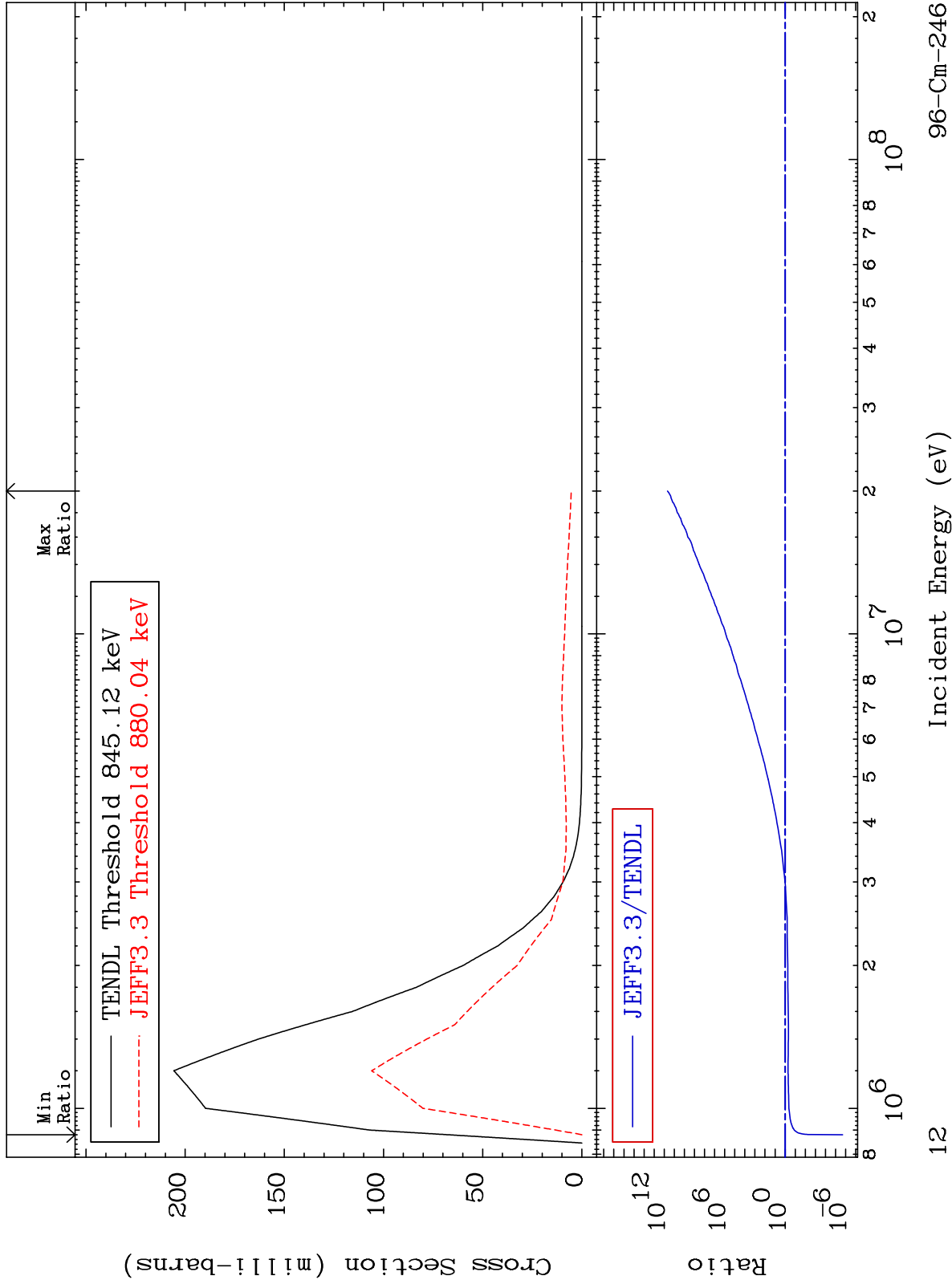
96-Cm-246
385.2 To 9999. %



MAT 9643

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

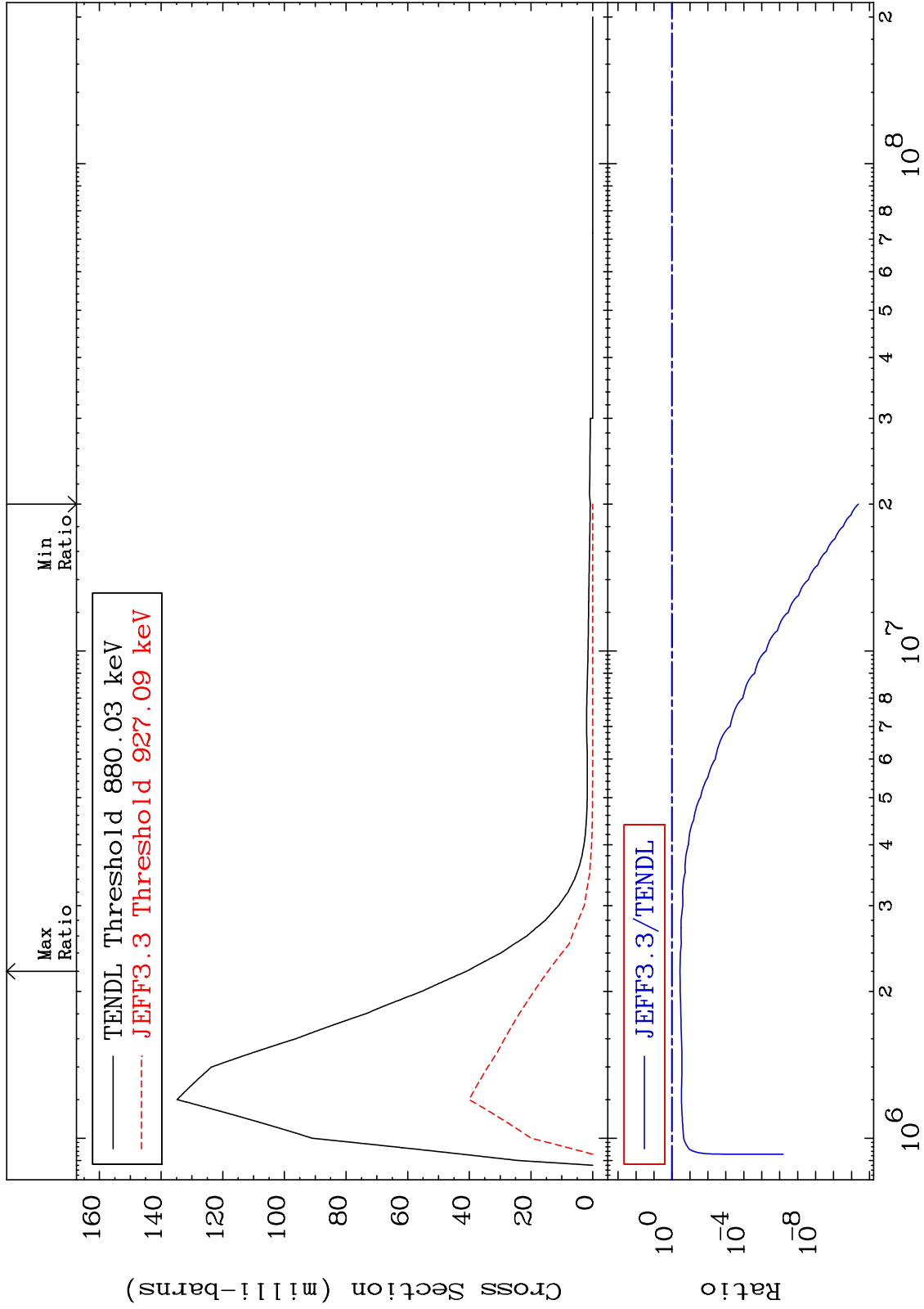
96-Cm-246
-100.0 To 9999. %



MAT 9643

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

96-Cm-246
-100.0 To -64.58%



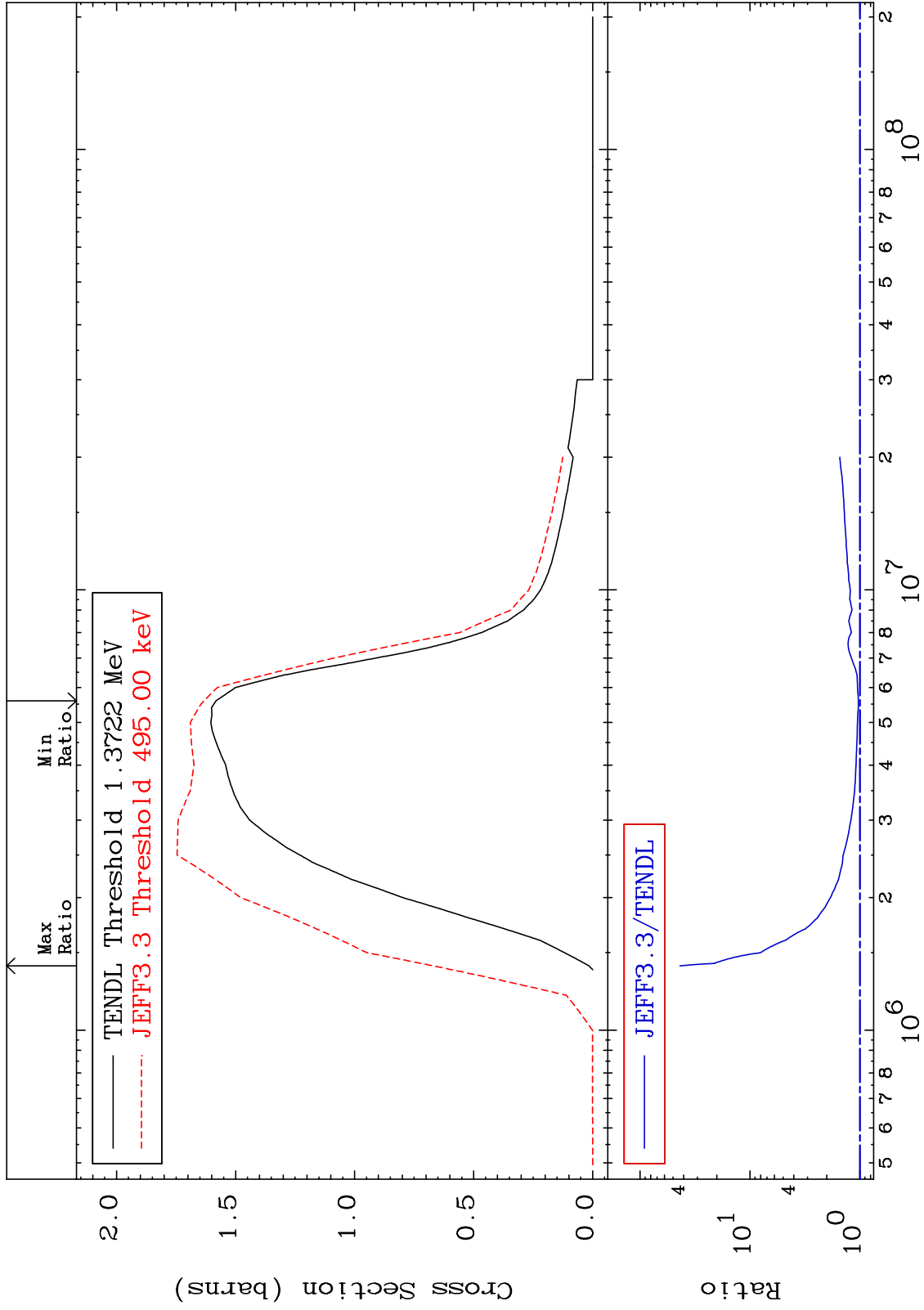
13

96-Cm-246

MAT 9643

(n,n') Continuum
Cross Section

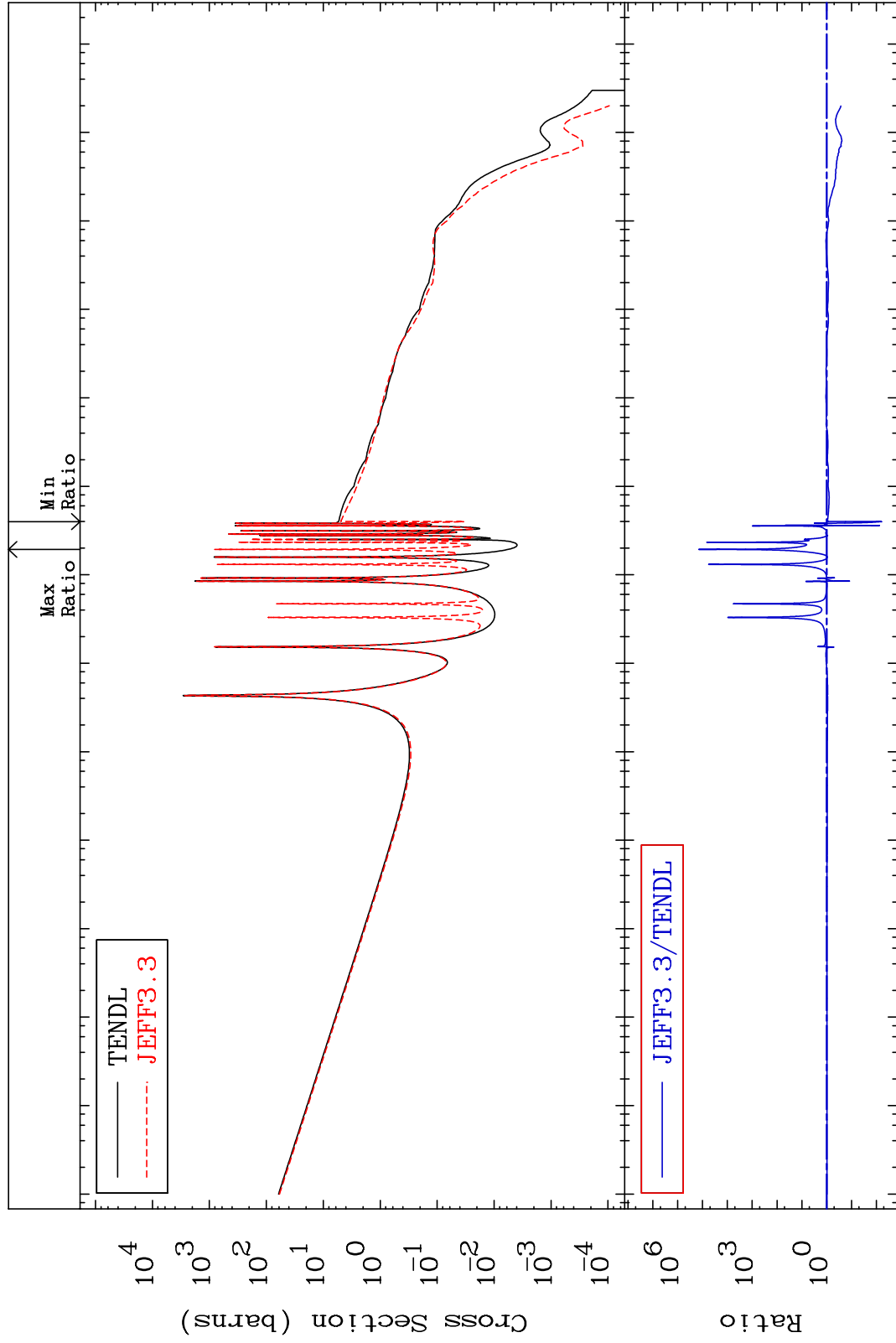
96-Cm-246
3.175 To 4223. %



MAT 9643

(n, γ)
Cross Section

96-Cm-246
-99.38 To 9999. %



15

96-Cm-246

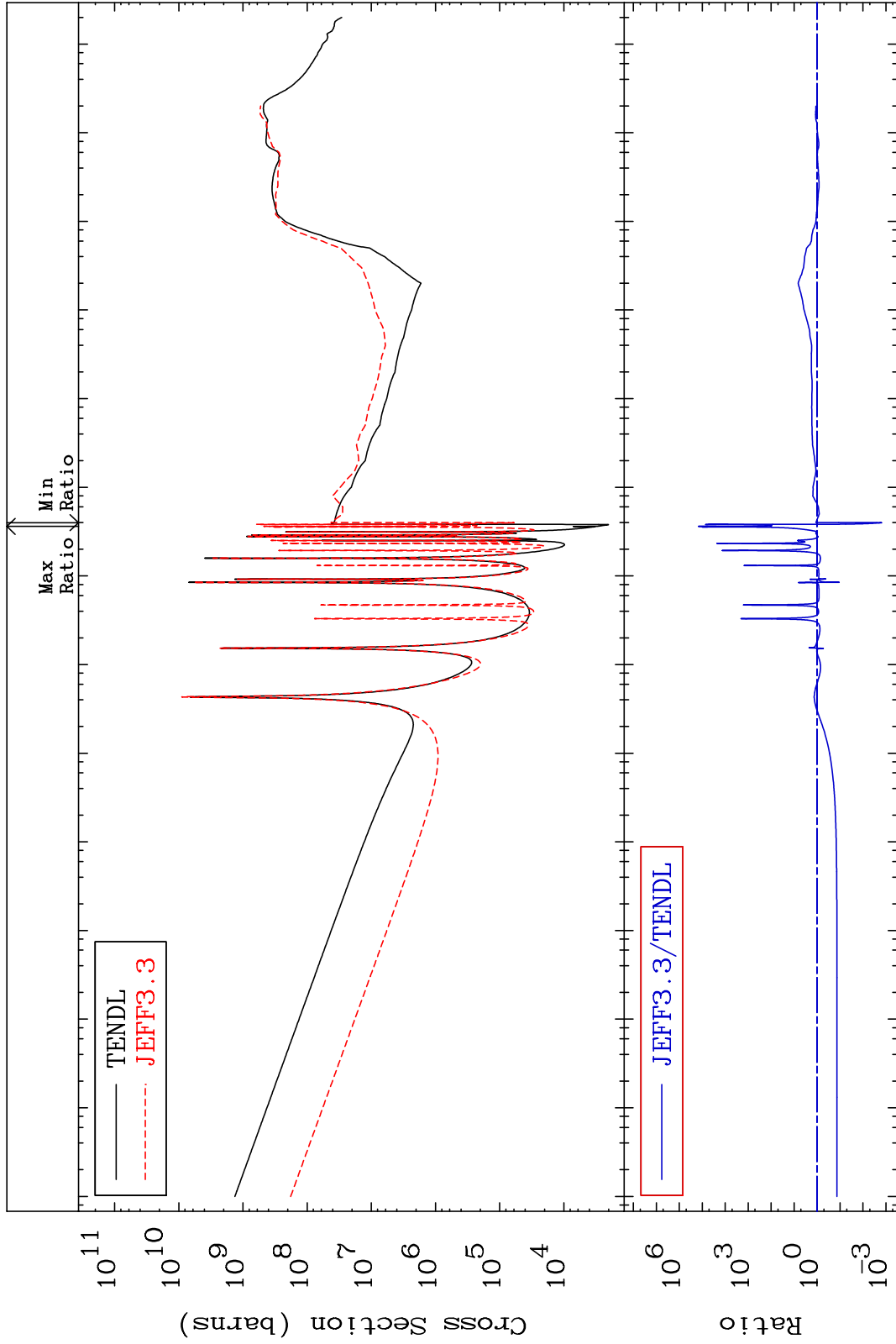
MAT 9643

Kerma total (eV-barns)

96-Cm-246

-99.85 To 9999. %

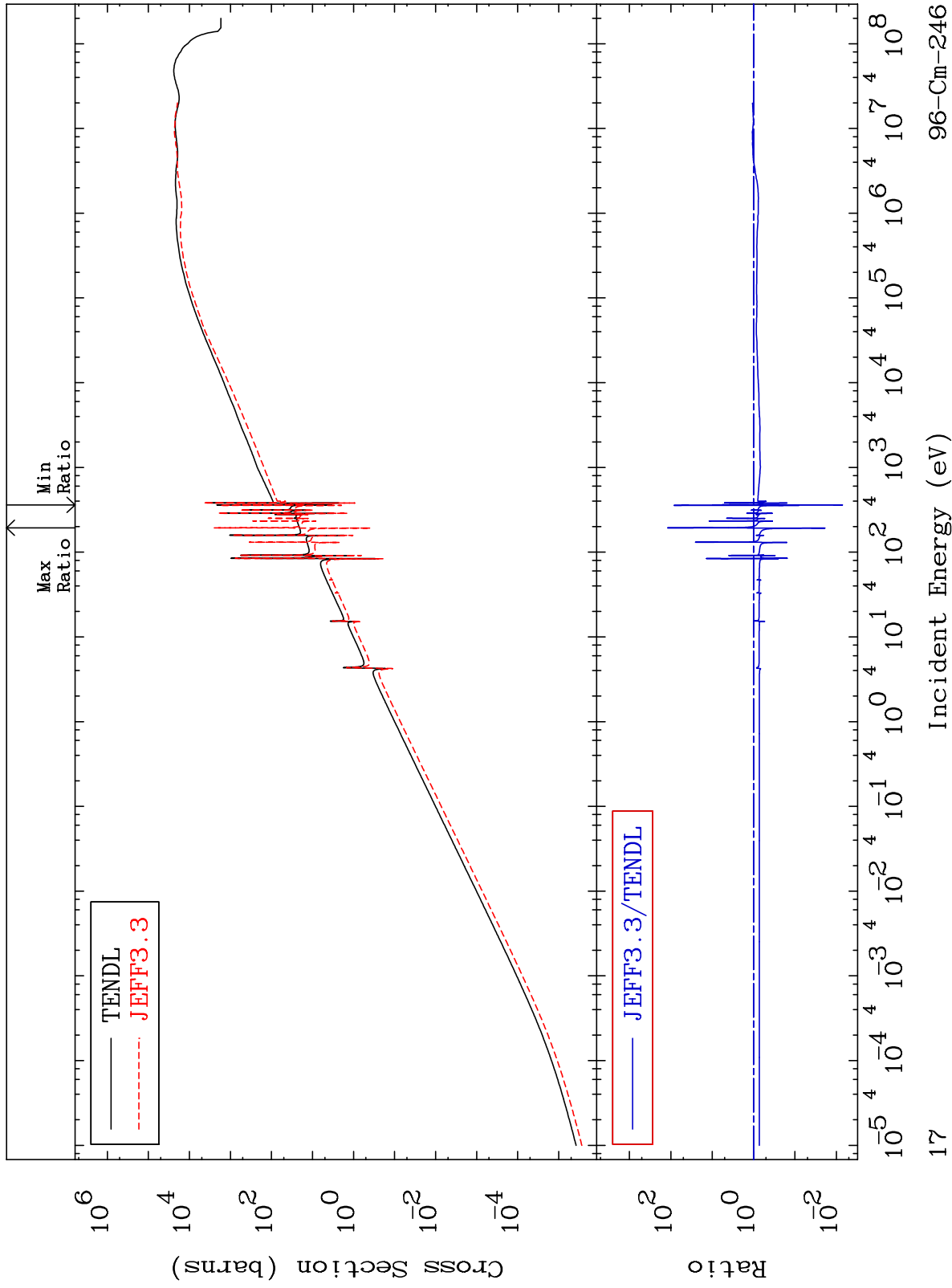
Cross Section



MAT 9643

Kerma elastic
Cross Section

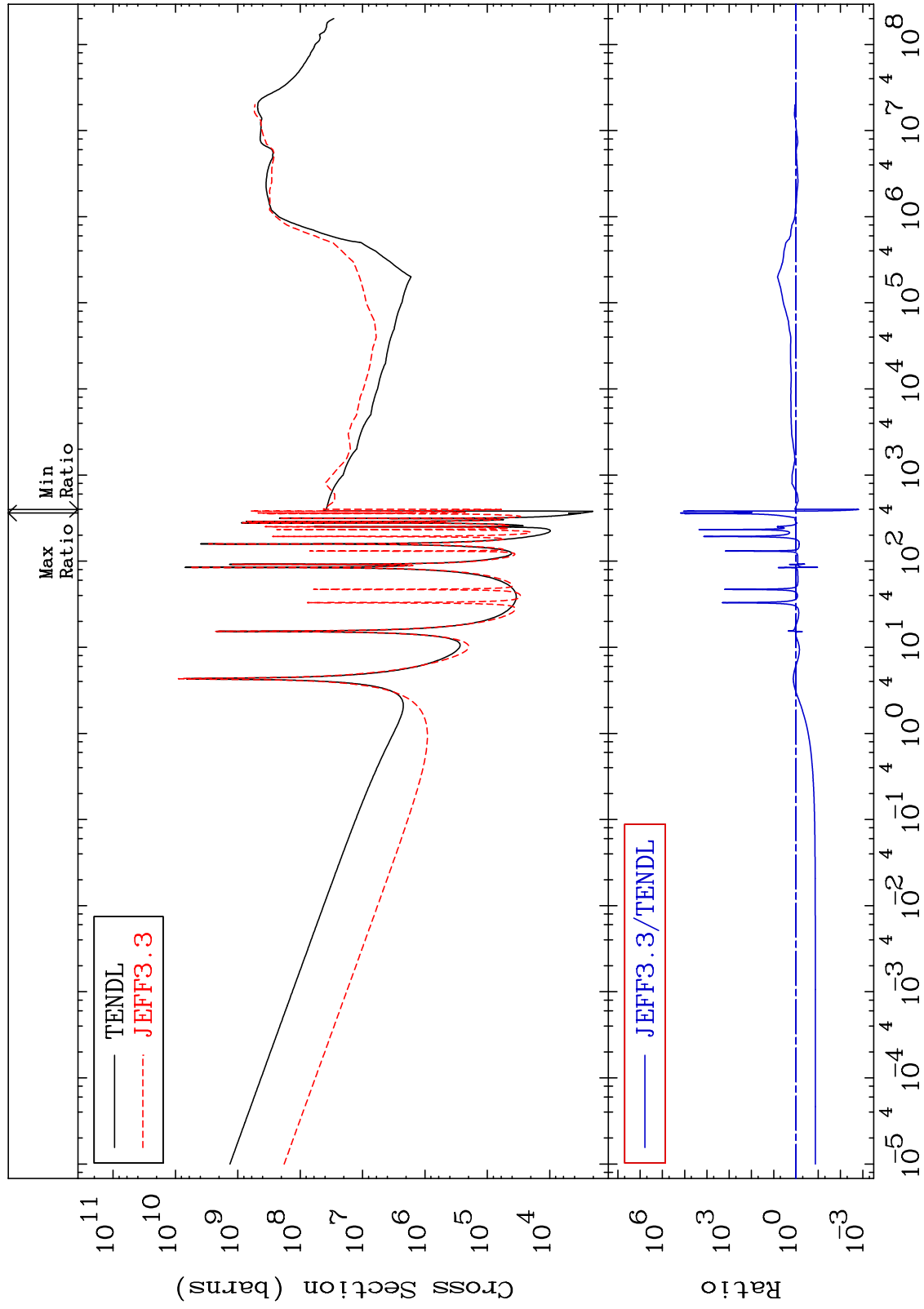
96-Cm-246
-99.30 To 9999. %



MAT 9643

Kerma non-elastic (all but mt2)
Cross Section

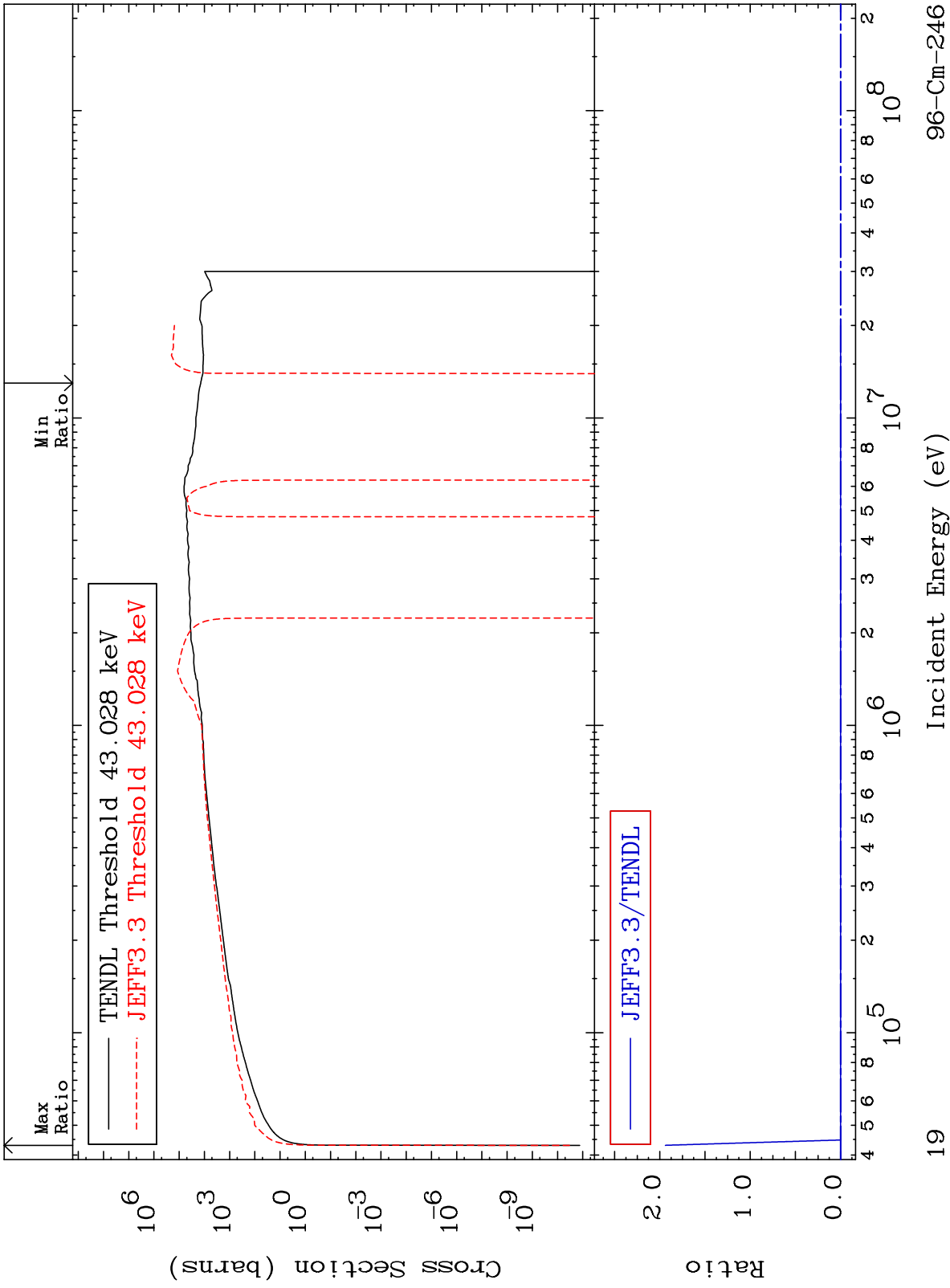
96-Cm-246
-99.85 To 9999. %



MAT 9643

Kerma inelastic (mt51-91)
Cross Section

96-Cm-246
-1021. To 9999. %



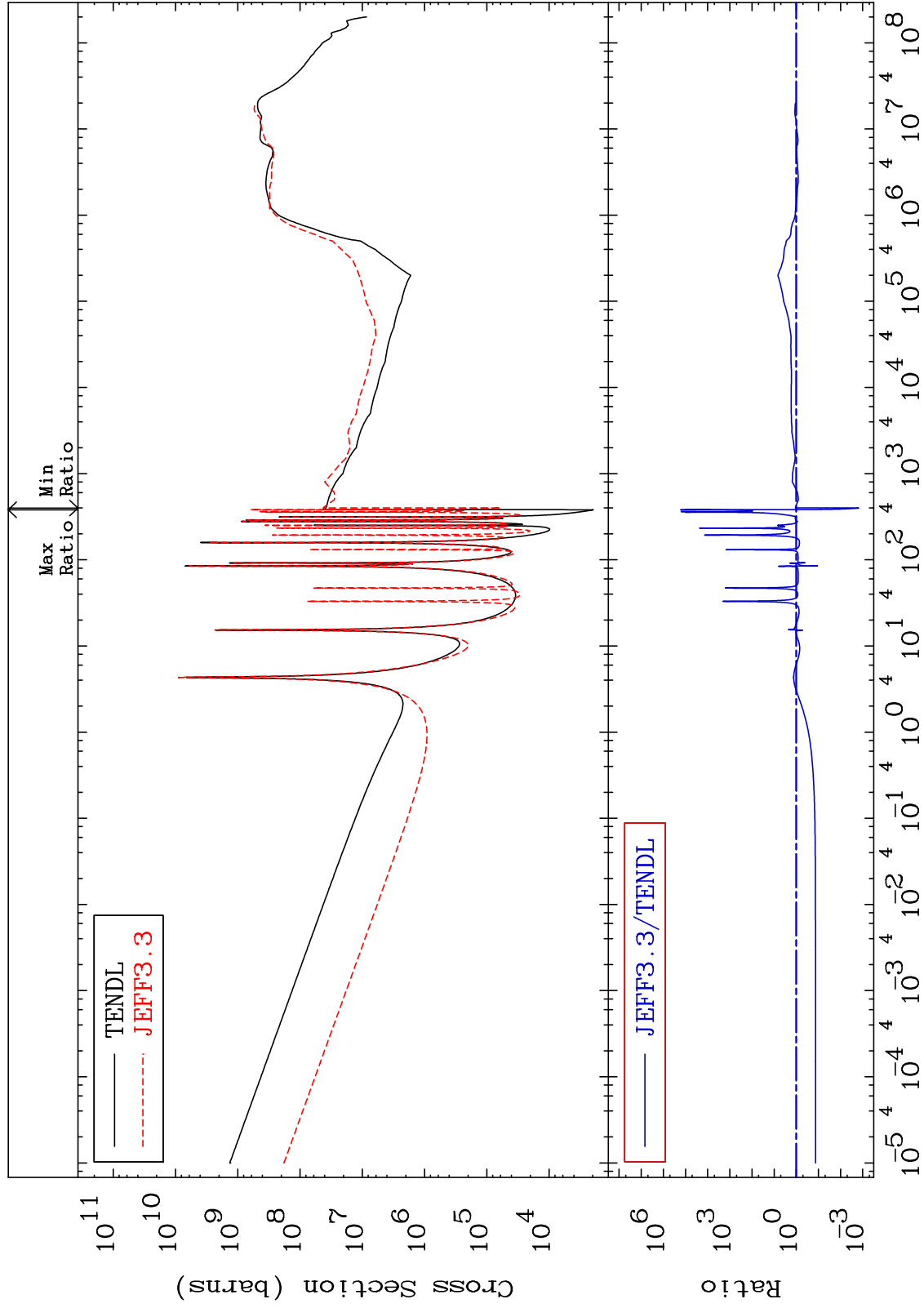
MAT 9643

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

96-Cm-246

-99.85 To 9999. %

Cross Section



20

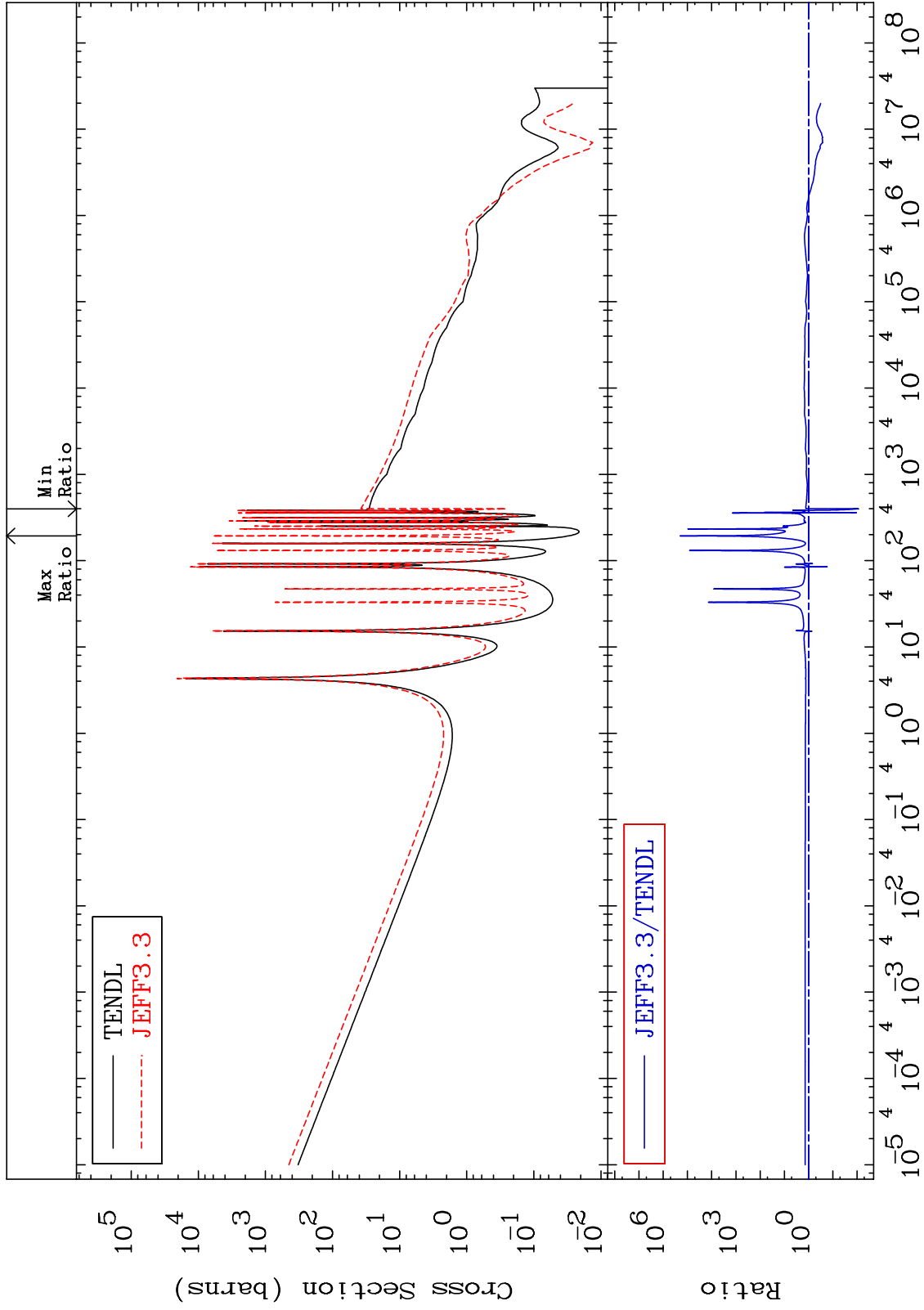
Incident Energy (eV)

96-Cm-246

MAT 9643

Kerma capture (mt102)
Cross Section

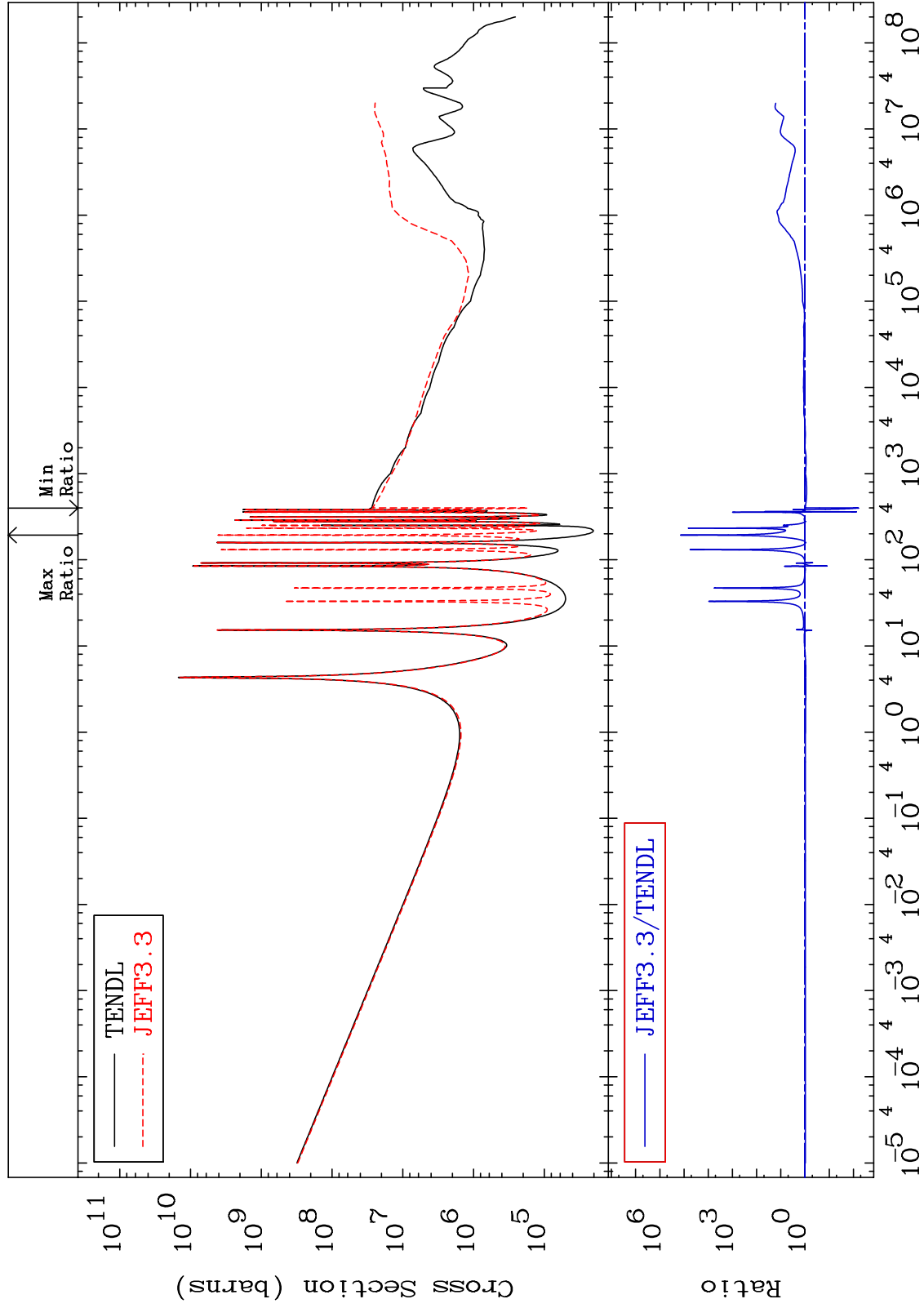
96-Cm-246
-99.12 To 9999. %



MAT 9643

Total photon (eV-barns)
Cross Section

96-Cm-246
-99.39 To 9999. %



22

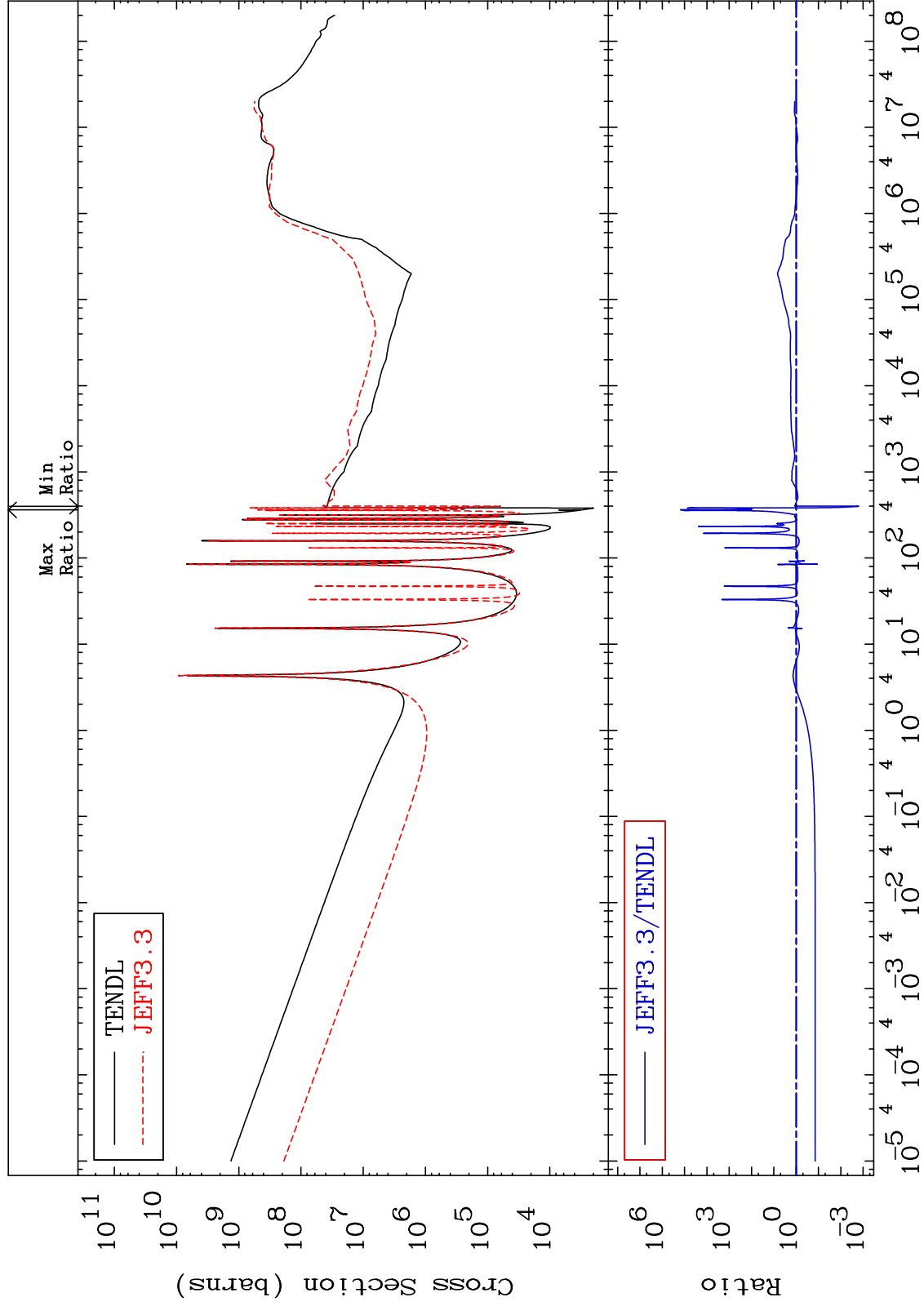
Incident Energy (eV)

96-Cm-246

MAT 9643

Total kinematic kerma (high limit)
Cross Section

96-Cm-246
-99.84 To 9999. %



23

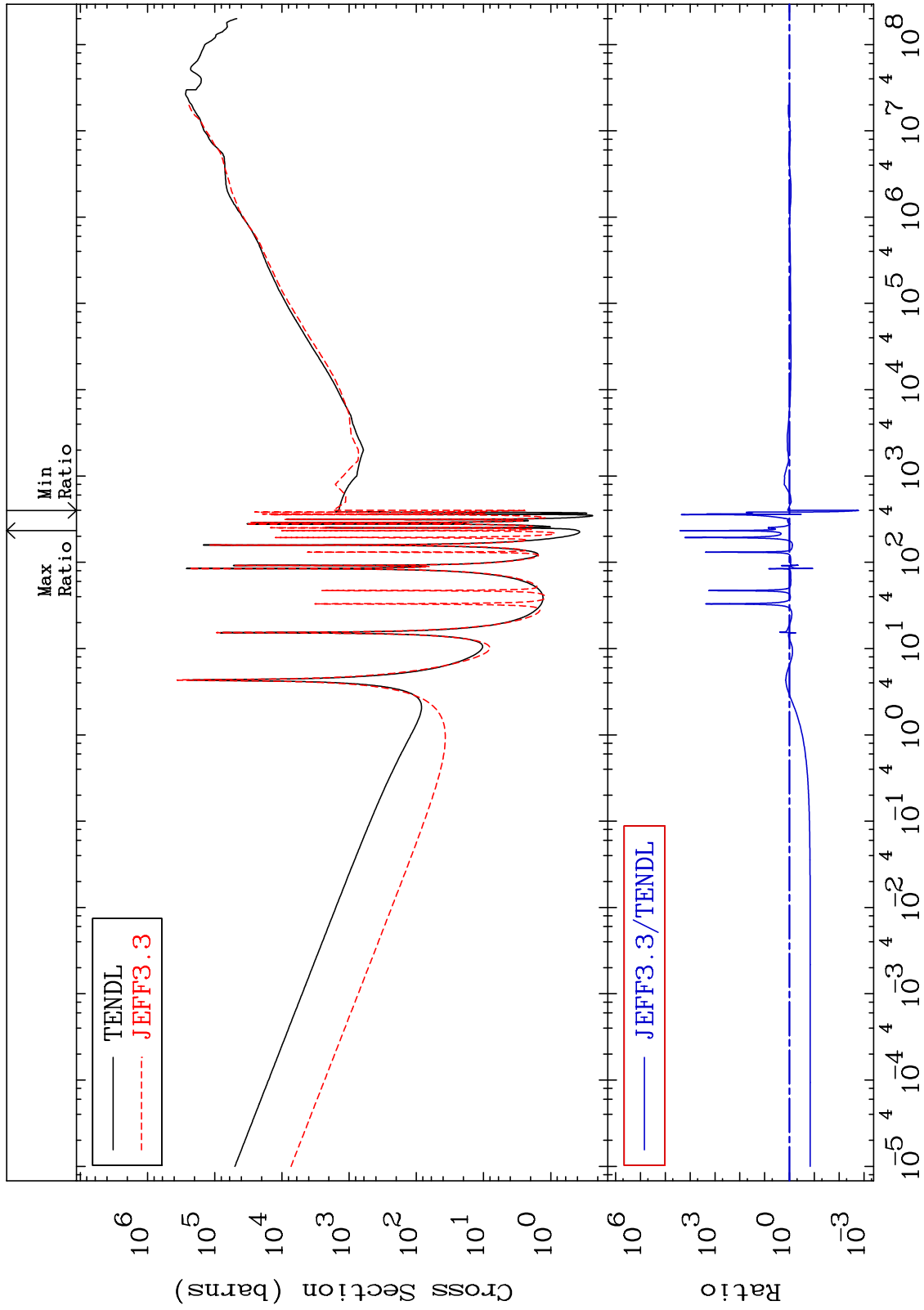
Incident Energy (eV)

96-Cm-246

MAT 9643

Dpa total (eV-barns)
Cross Section

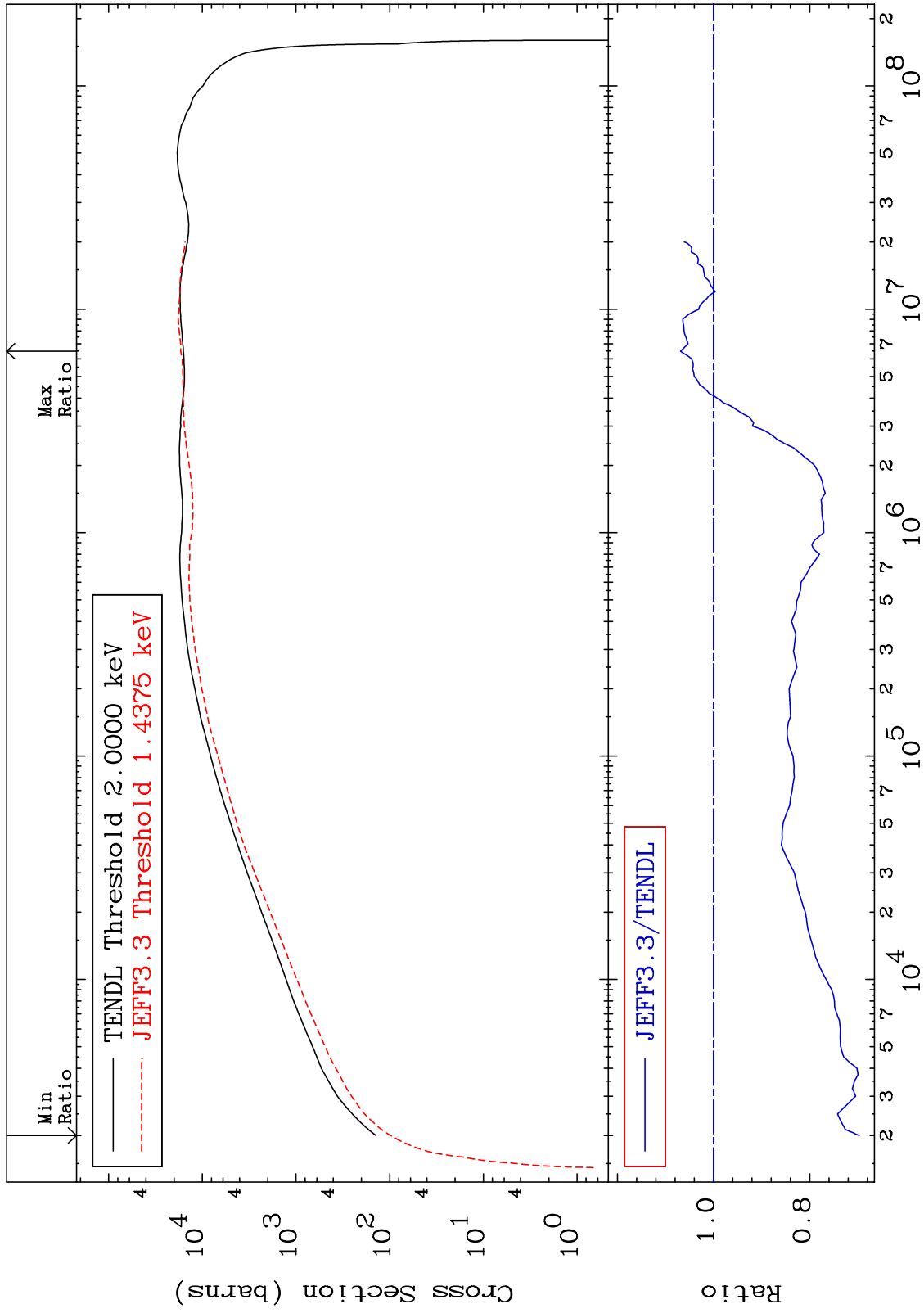
96-Cm-246
-99.83 To 9999. %



MAT 9643

Dpa elastic (mt2)
Cross Section

96-Cm-246
-30.29 To 6.850 %



25

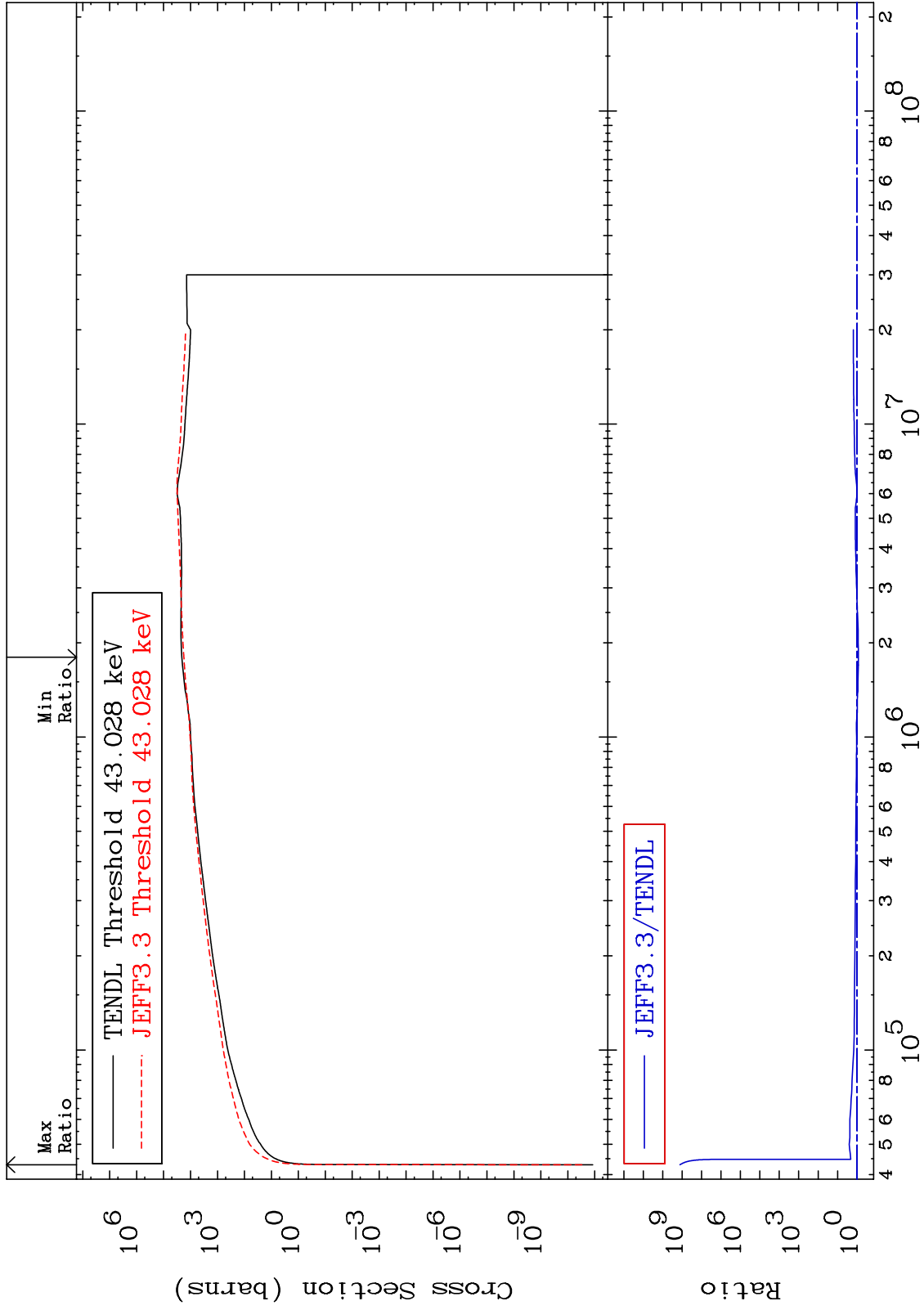
Incident Energy (eV)

96-Cm-246

MAT 9643

Dpa inelastic (mt51-91)
Cross Section

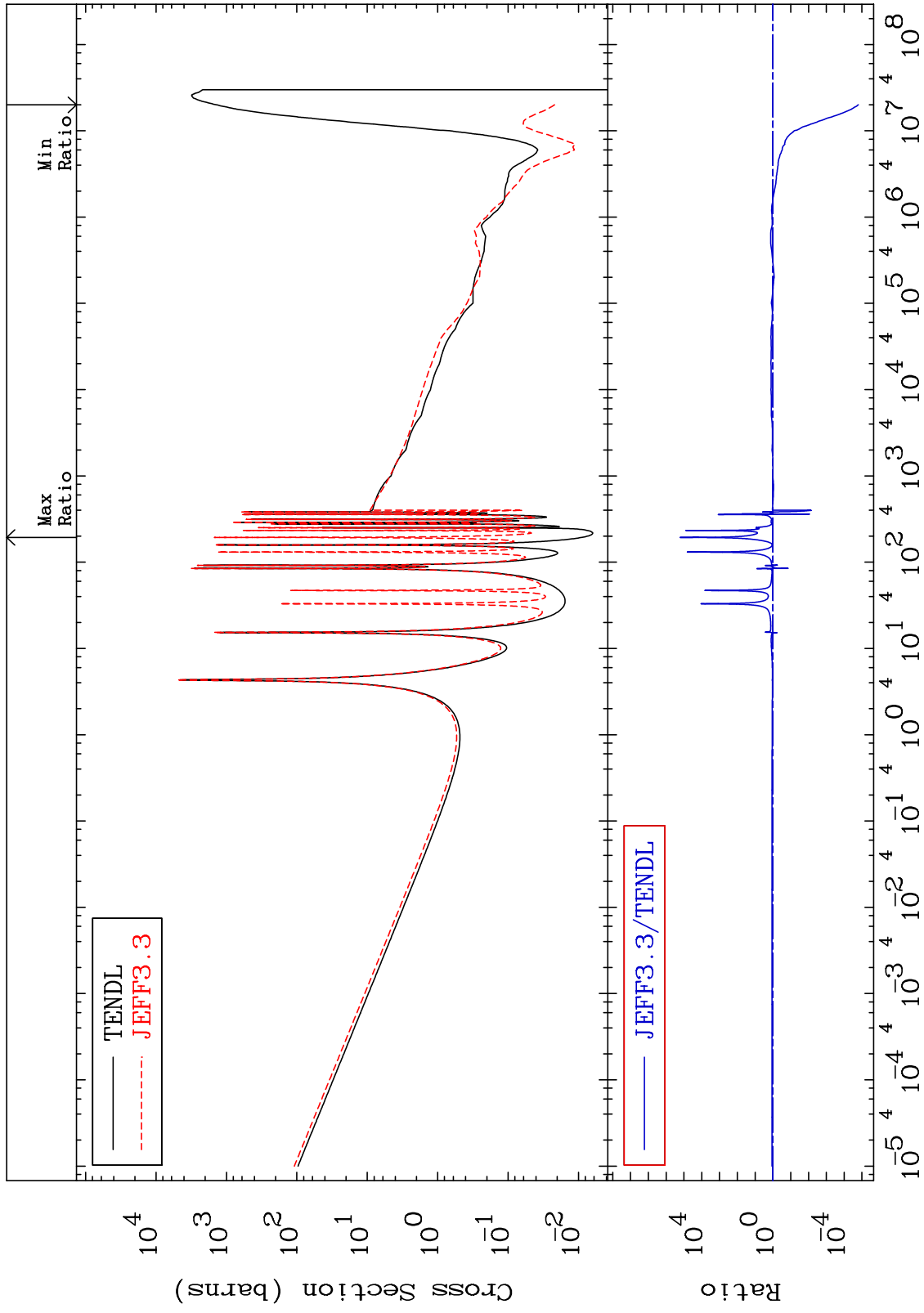
96-Cm-246
-15.80 To 9999. %



MAT 9643

Dpa disappearance (mt102 -120)
Cross Section

96-Cm-246
-100.0 To 9999. %



27

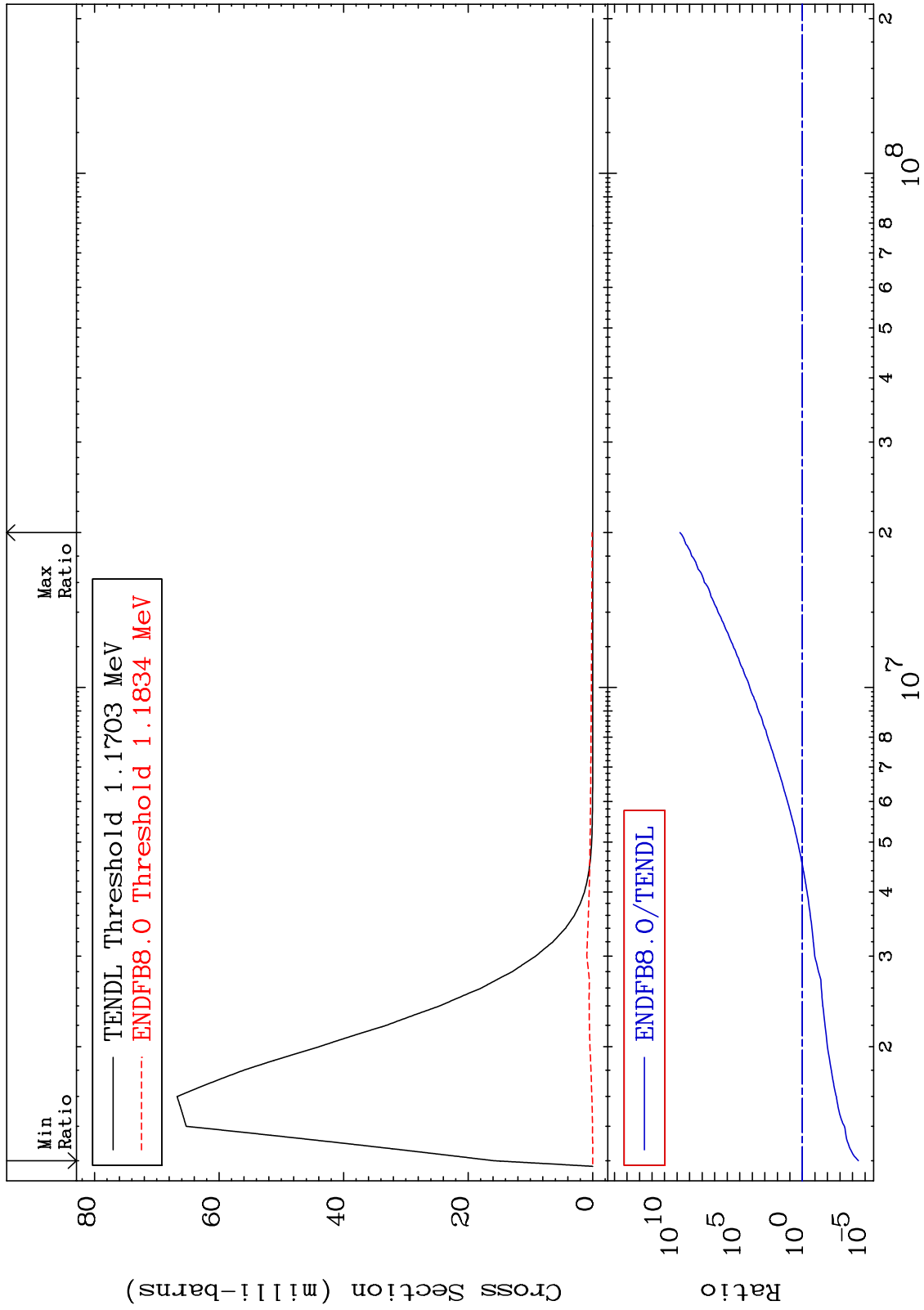
Incident Energy (eV)

96-Cm-246

MAT 9643

MT= 68 (n, n') Level
Cross Section

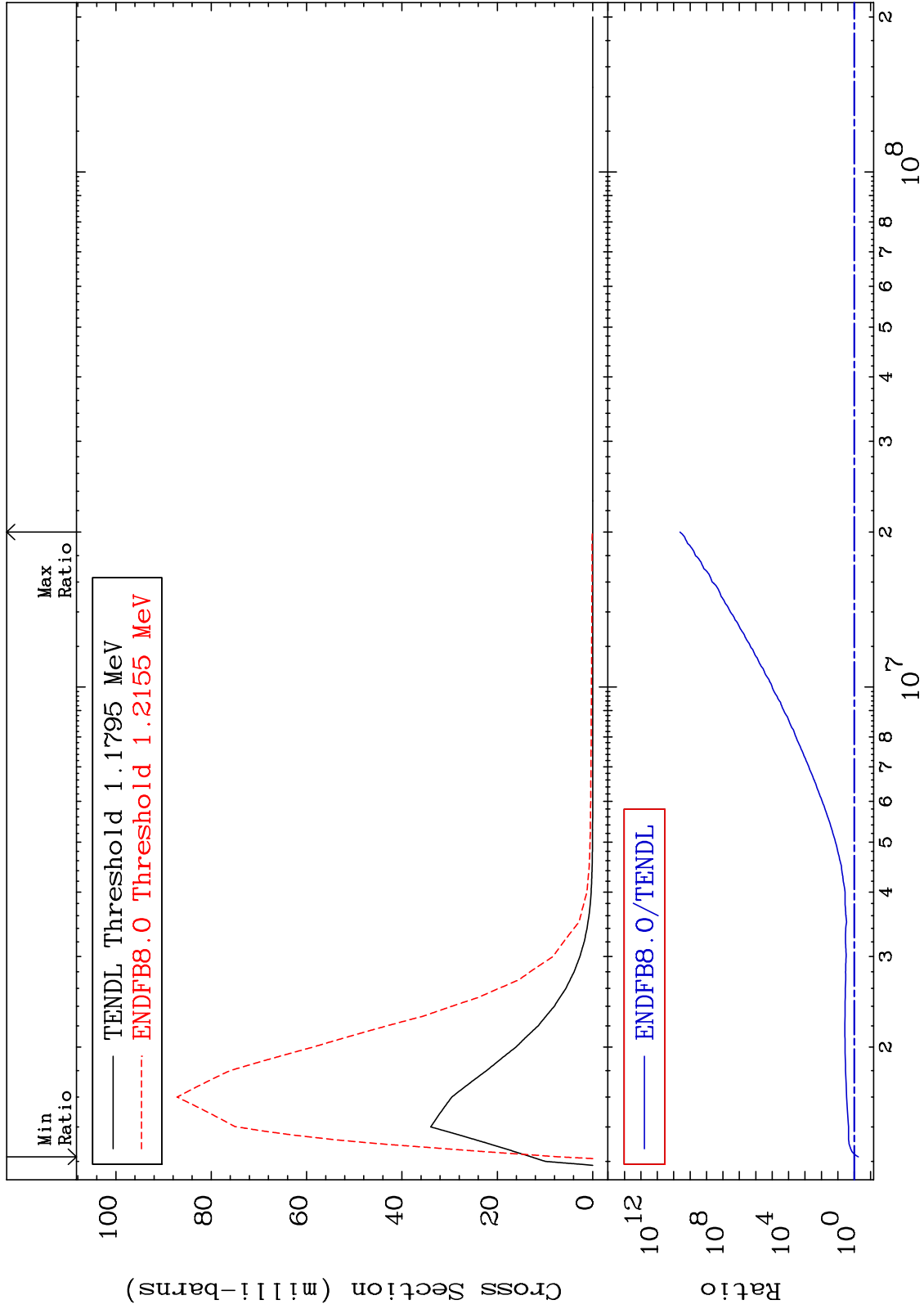
96-Cm-246
-100.0 To 9999. %



MAT 9643

MT= 69 (n, n') Level
Cross Section

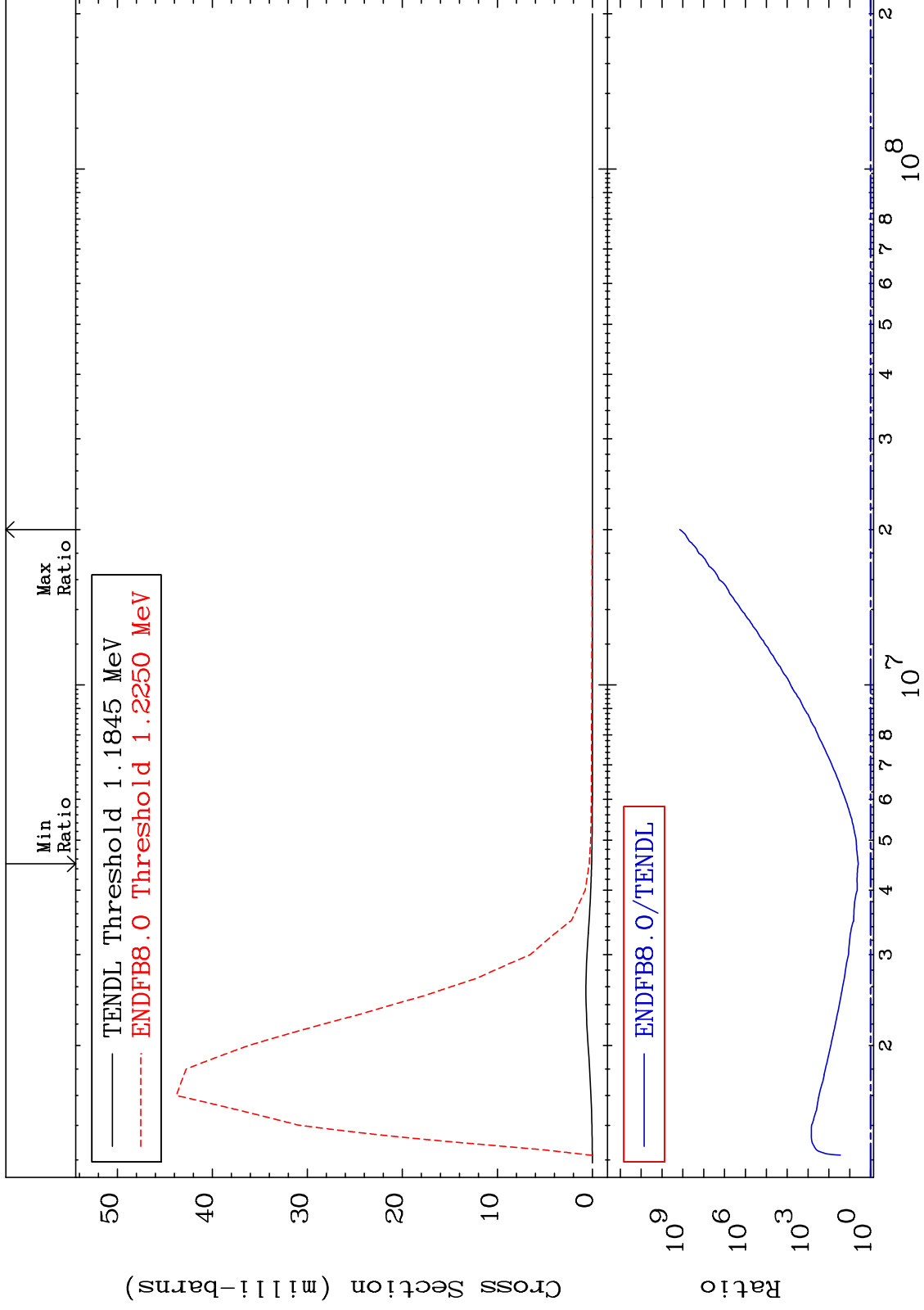
96-Cm-246
-44.26 To 9999. %



MAT 9643

MT= 70 (n, n') Level
Cross Section

96-Cm-246
287.0 To 9999. %



30

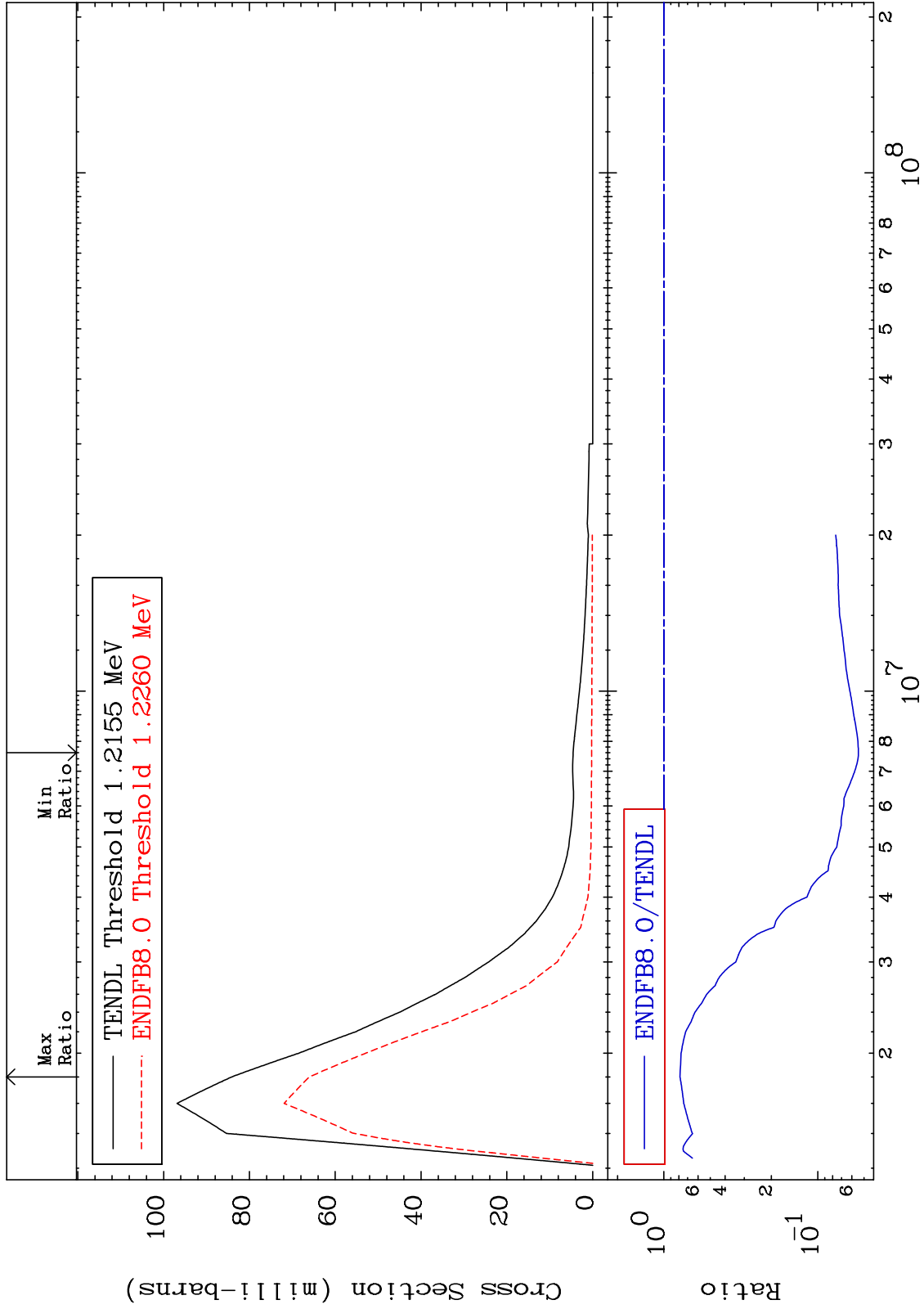
Incident Energy (eV)

96-Cm-246

MAT 9643

MT= 71 (n,n') Level
Cross Section

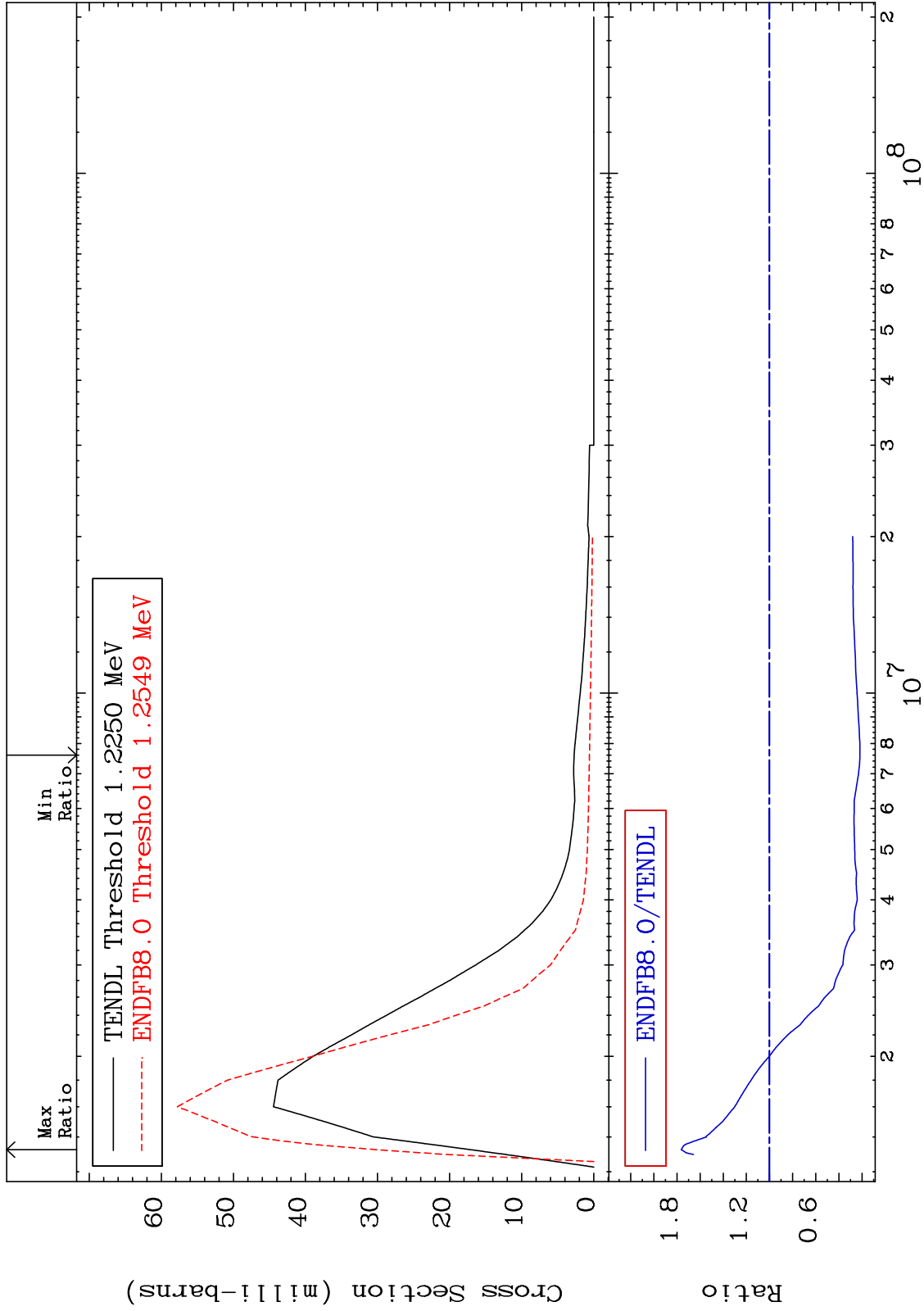
96-Cm-246
-94.56 To -21.49%



MAT 9643

MT= 72 (n,n') Level
Cross Section

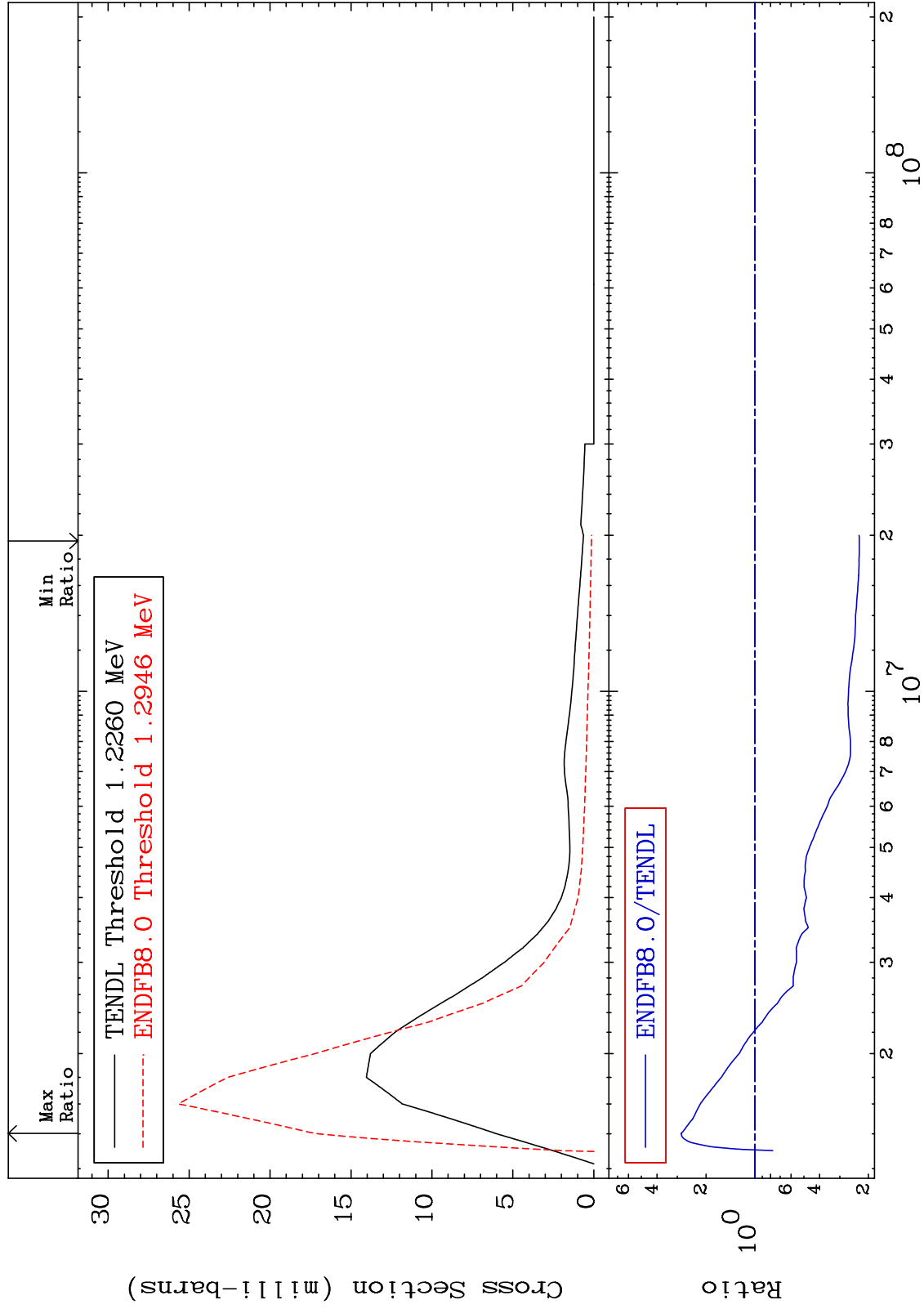
96-Cm-246
-78.16 To 76.31 %



MAT 9643

MT= 73 (n,n') Level
Cross Section

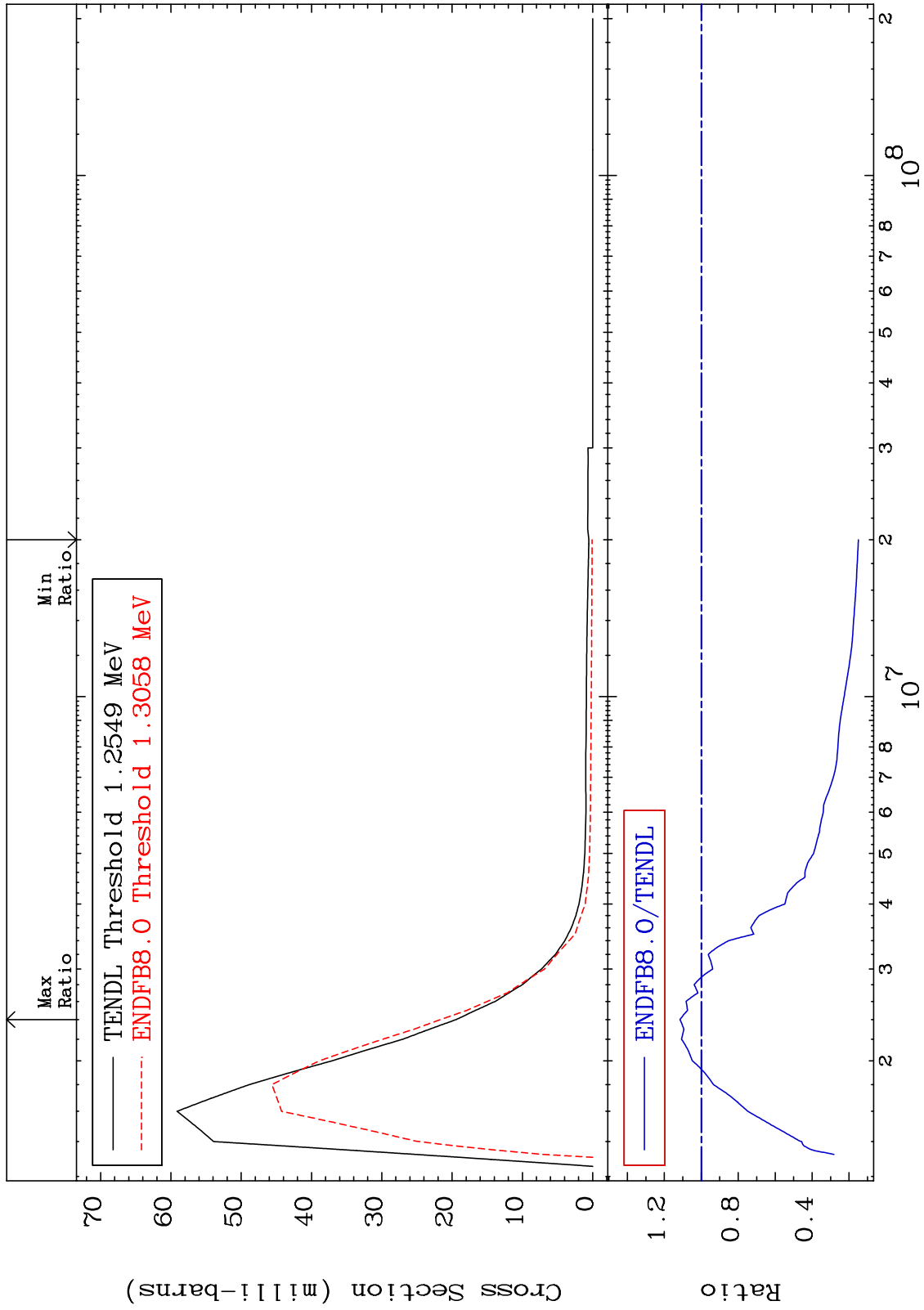
96-Cm-246
-77.21 To 184.6 %



MAT 9643

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

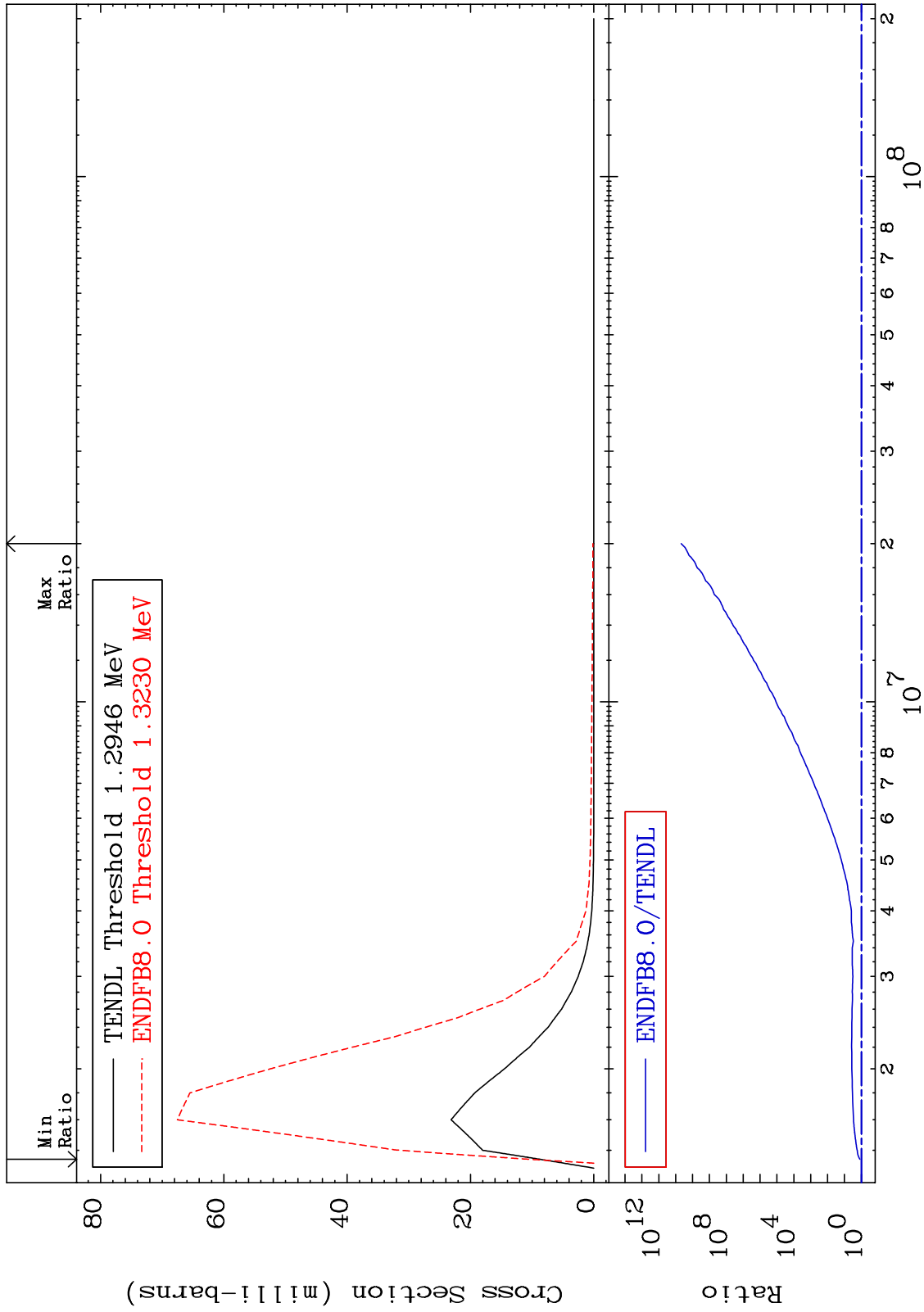
96-Cm-246
-85.06 To 11.51 %



MAT 9643

MT= 75 (n,n') Level
Cross Section

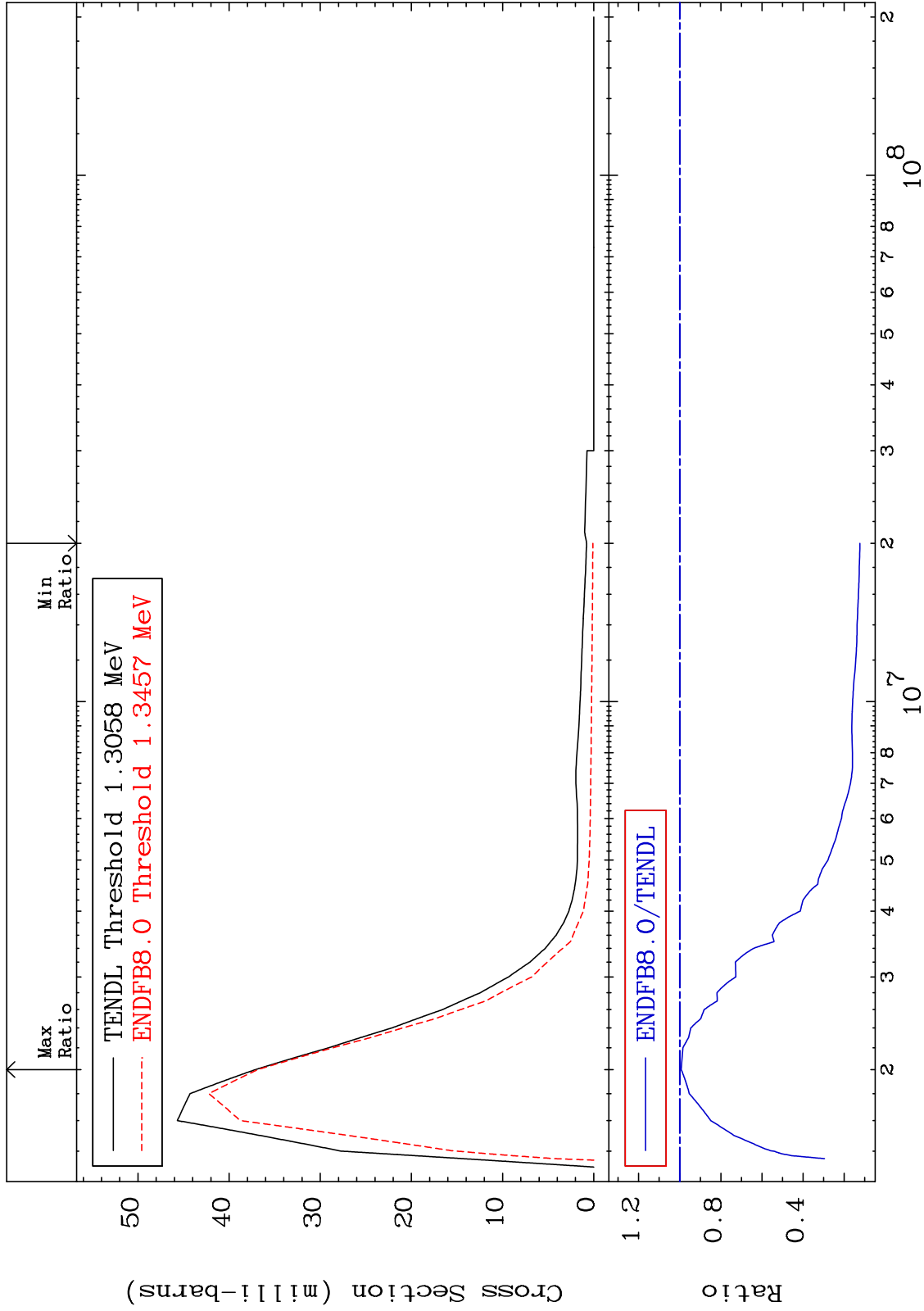
96-Cm-246
20.68 To 9999. %



MAT 9643

MT= 76 (n,n') Level
Cross Section

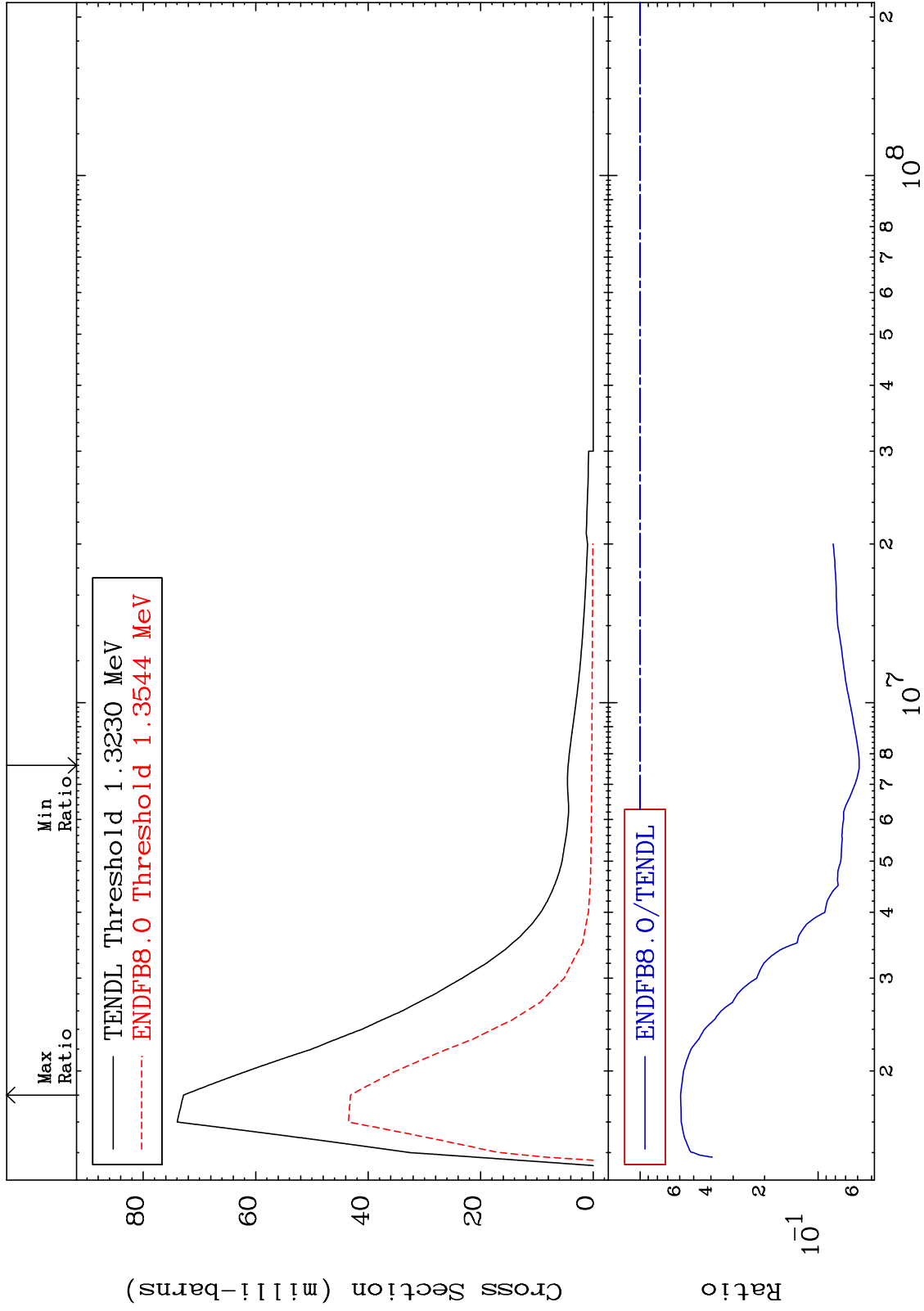
96-Cm-246
-87.66 To -0.720%



MAT 9643

MT= 77 (n, n') Level
Cross Section

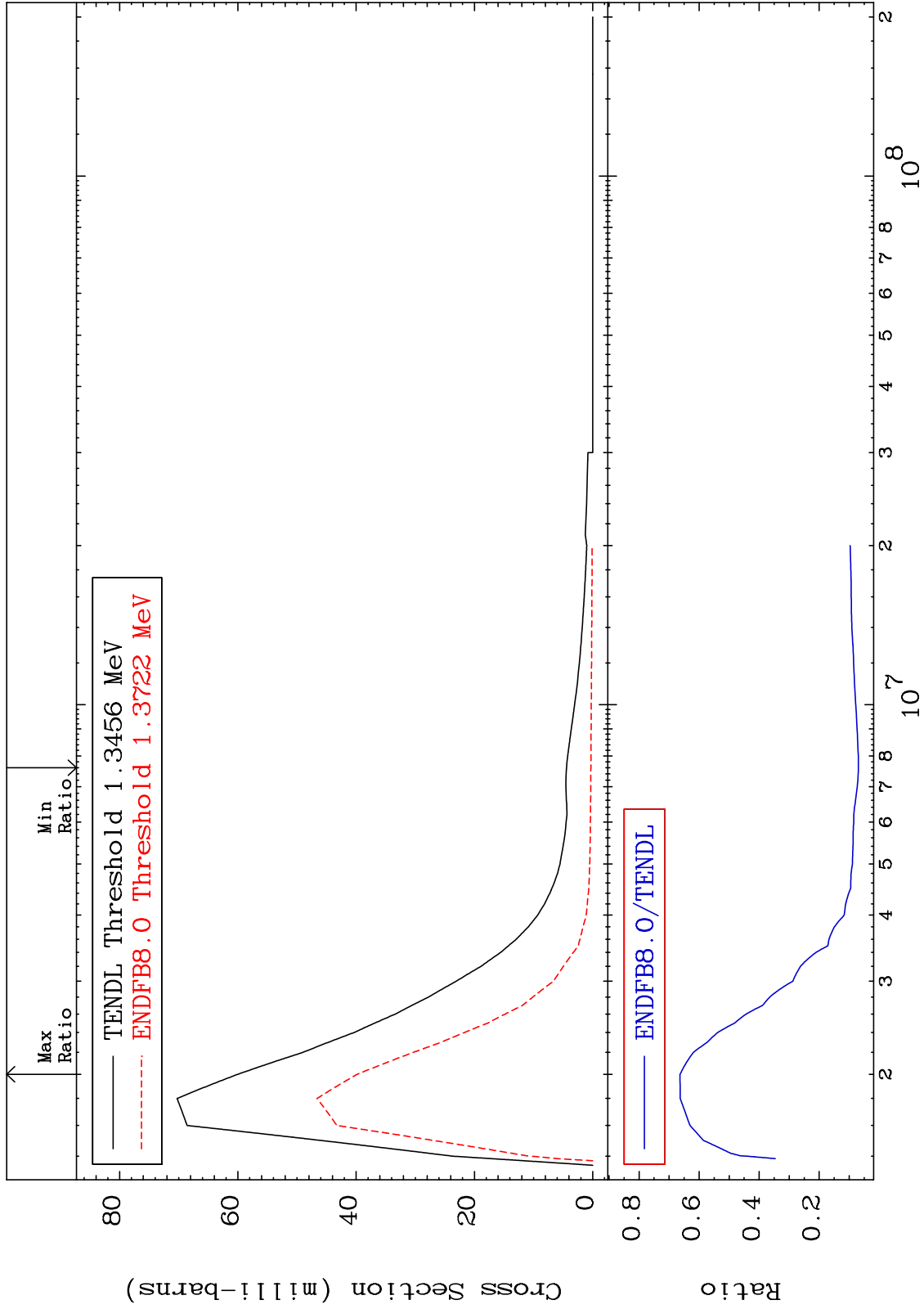
96-Cm-246
-94.13 To -40.73%



MAT 9643

MT= 78 (n,n') Level
Cross Section

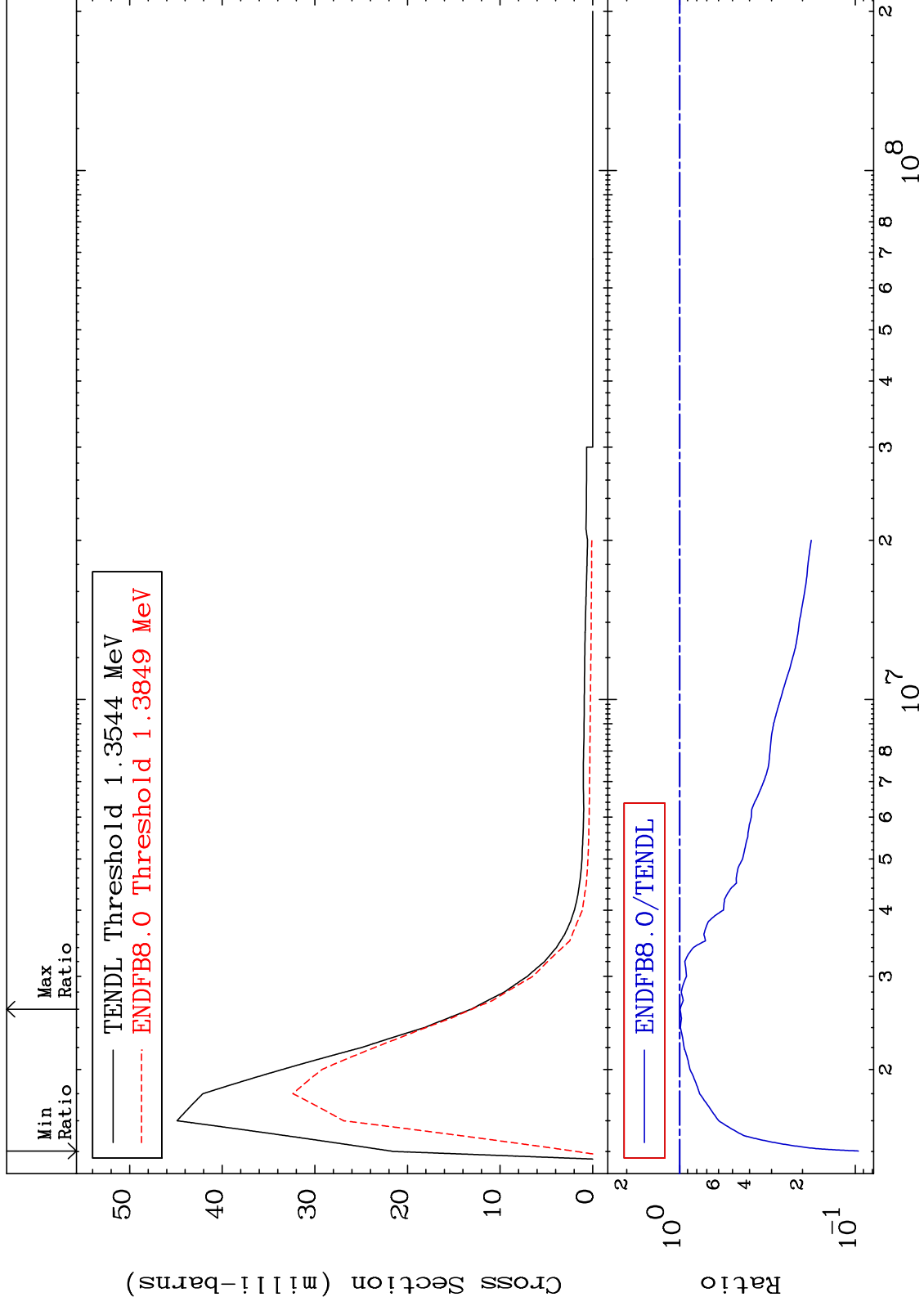
96-Cm-246
-93.07 To -33.64%



MAT 9643

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

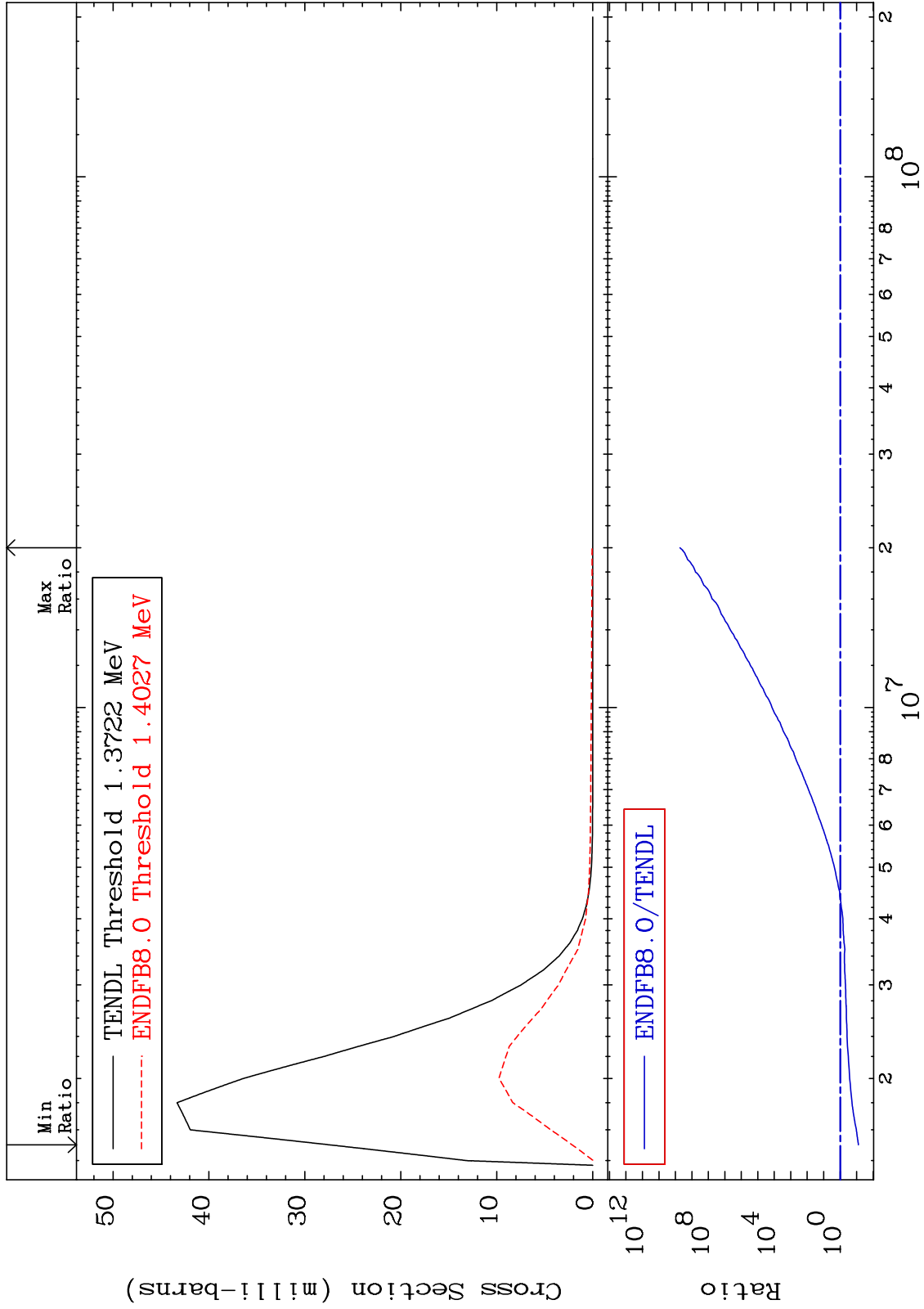
96-Cm-246
-90.39 To -0.499%



MAT 9643

MT= 80 (n, n') Level
Cross Section

96-Cm-246
-92.18 To 9999. %



40

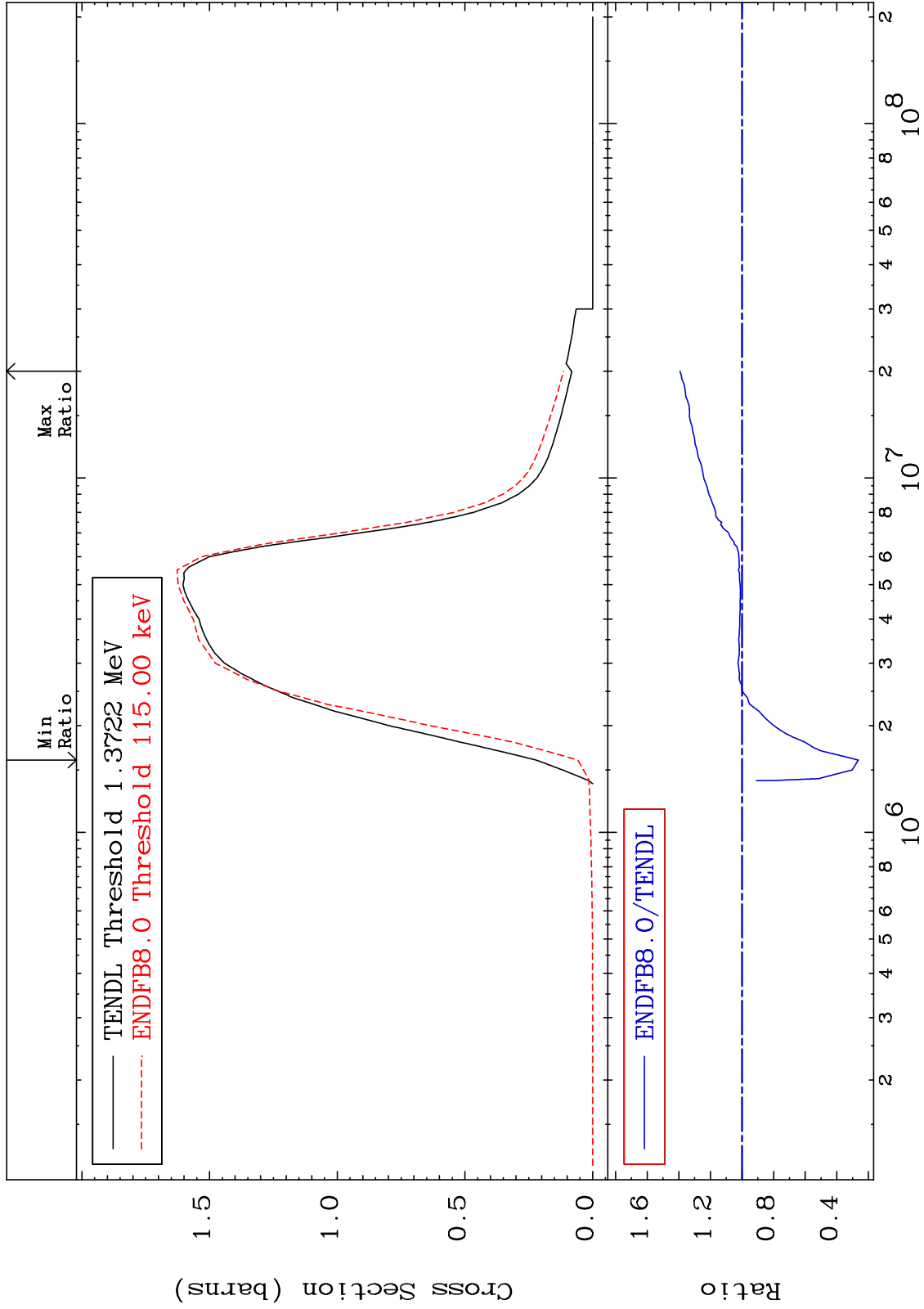
Incident Energy (eV)

96-Cm-246

MAT 9643

(n, n') Continuum
Cross Section

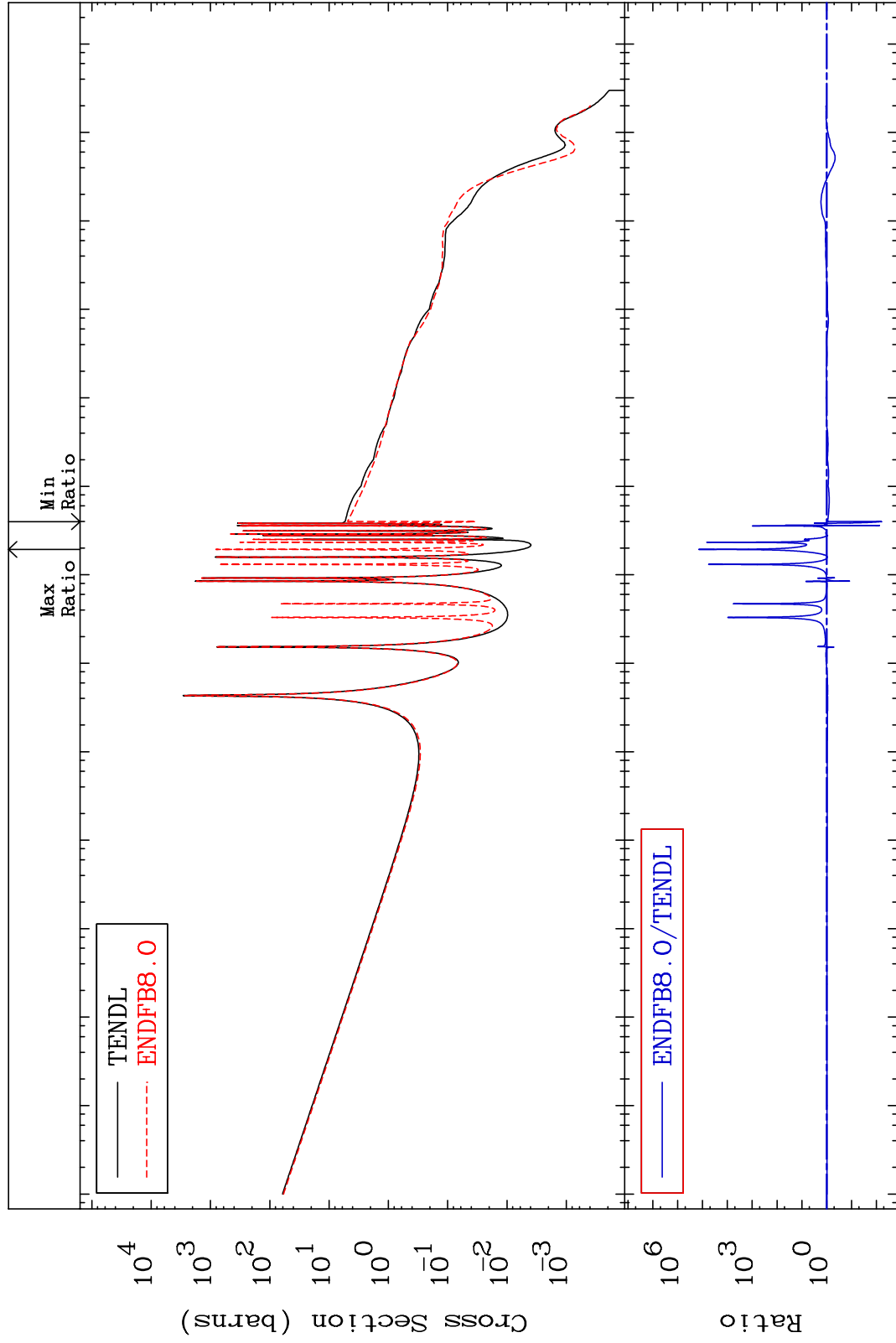
96-Cm-246
-73.62 To 39.21 %



MAT 9643

(n, γ)
Cross Section

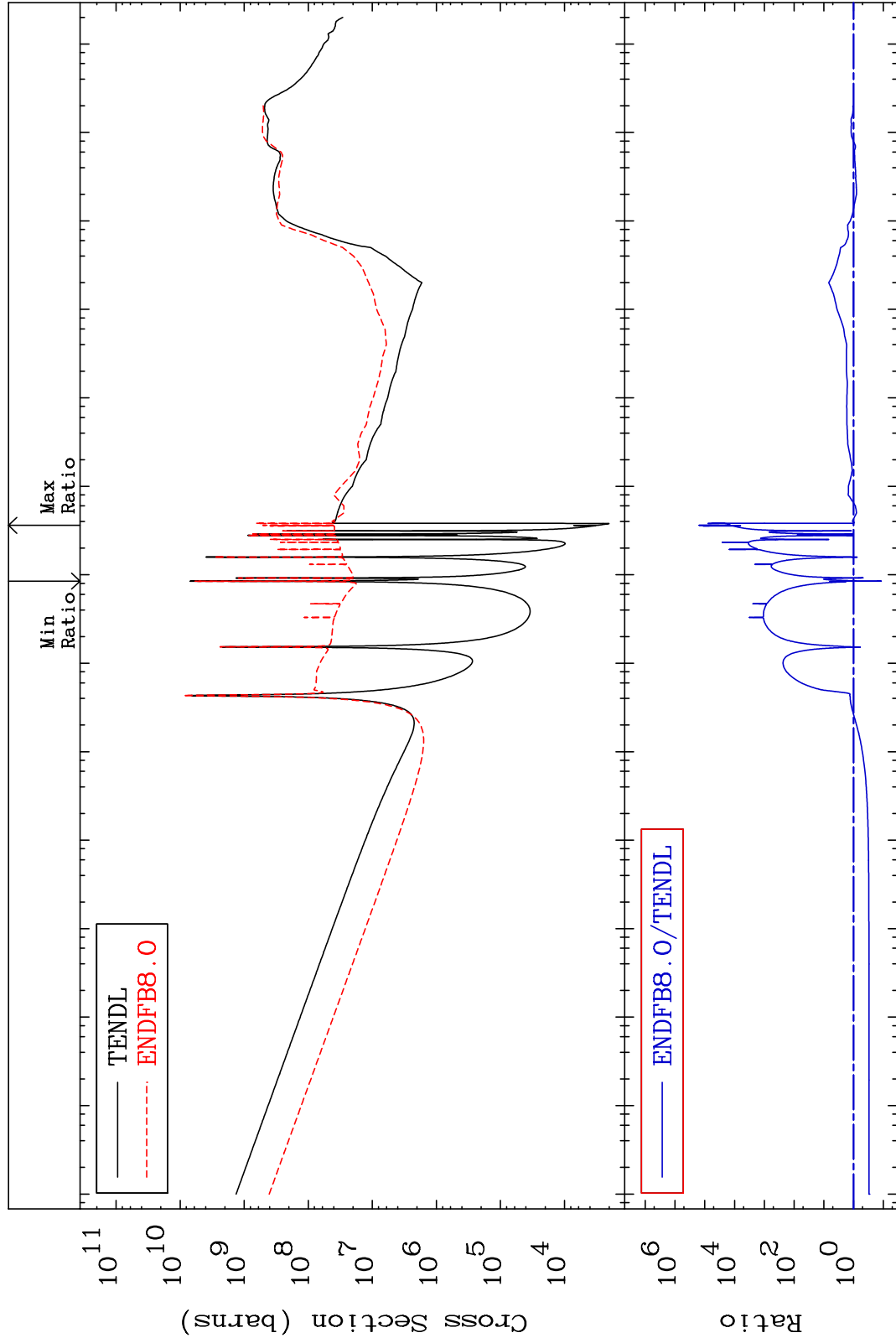
96-Cm-246
-99.38 To 9999. %



MAT 9643

Kerma total (eV-barns)

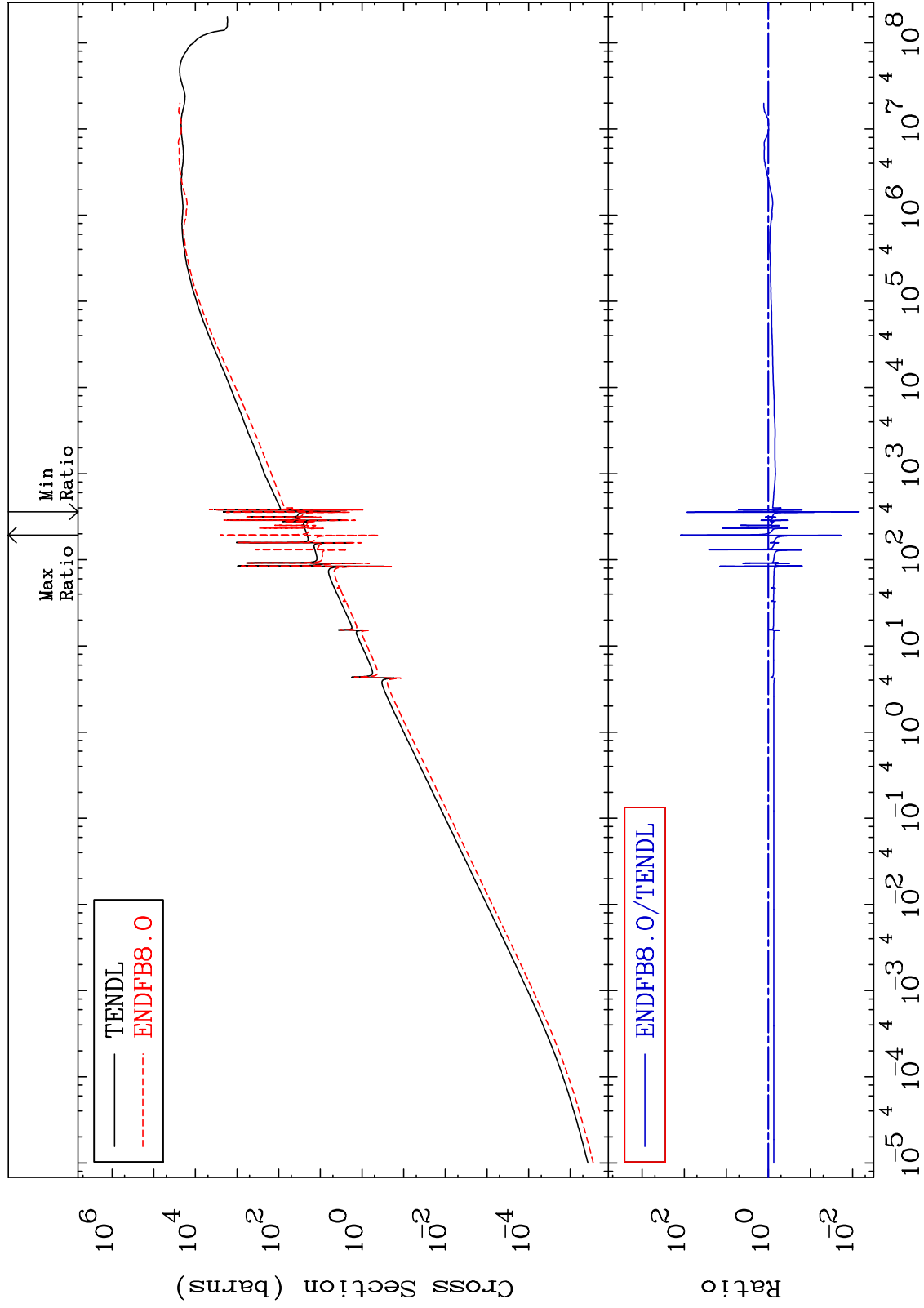
96-Cm-246
-88.53 To 9999. %



MAT 9643

Kerma elastic
Cross Section

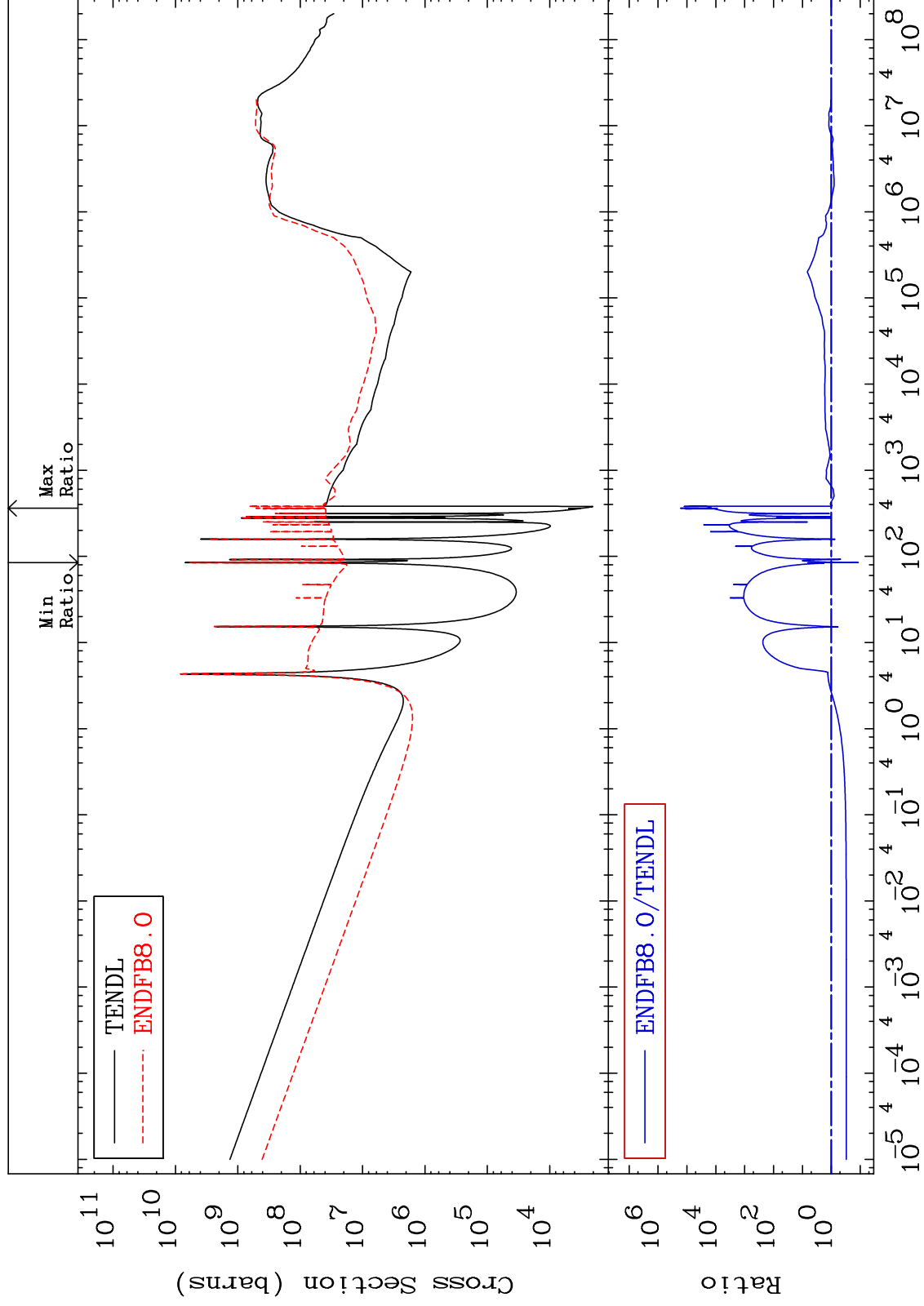
96-Cm-246
-99.28 To 9999. %



MAT 9643

Kerma non-elastic (all but mt2)
Cross Section

96-Cm-246
-88.53 To 9999. %



45

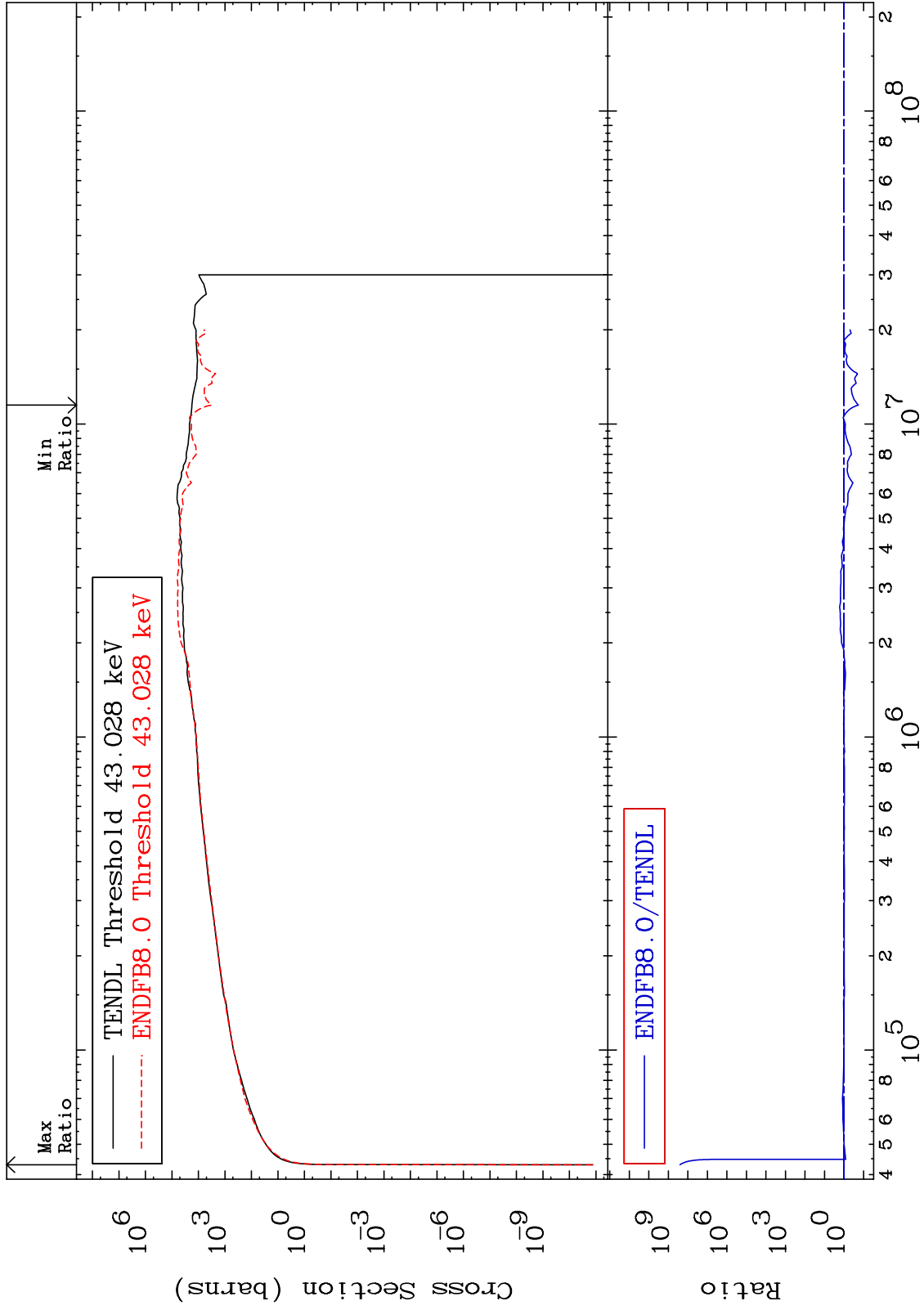
Incident Energy (eV)

96-Cm-246

MAT 9643

Kerma inelastic (mt51-91)
Cross Section

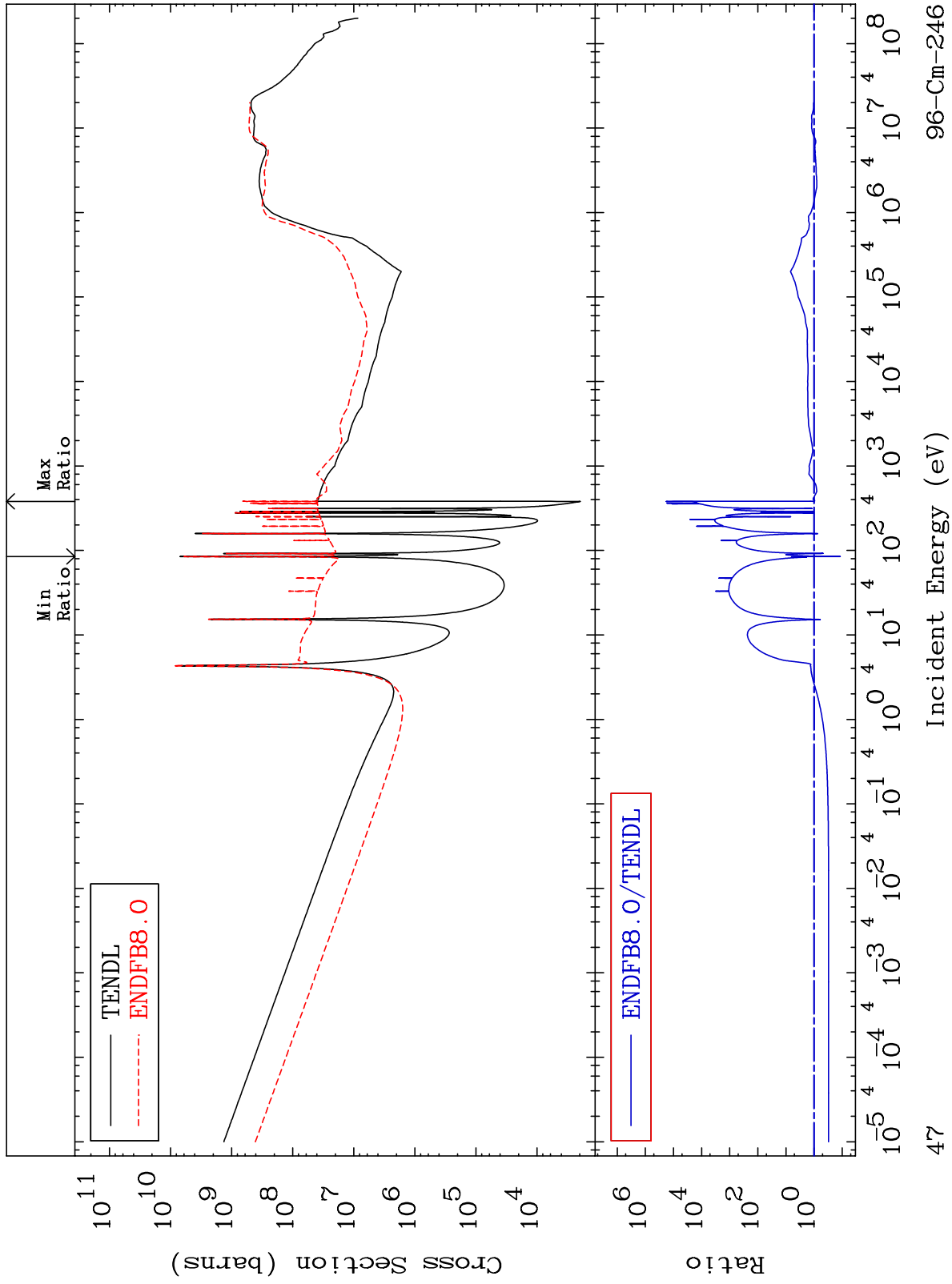
96-Cm-246
-81.77 To 9999. %



MAT 9643

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

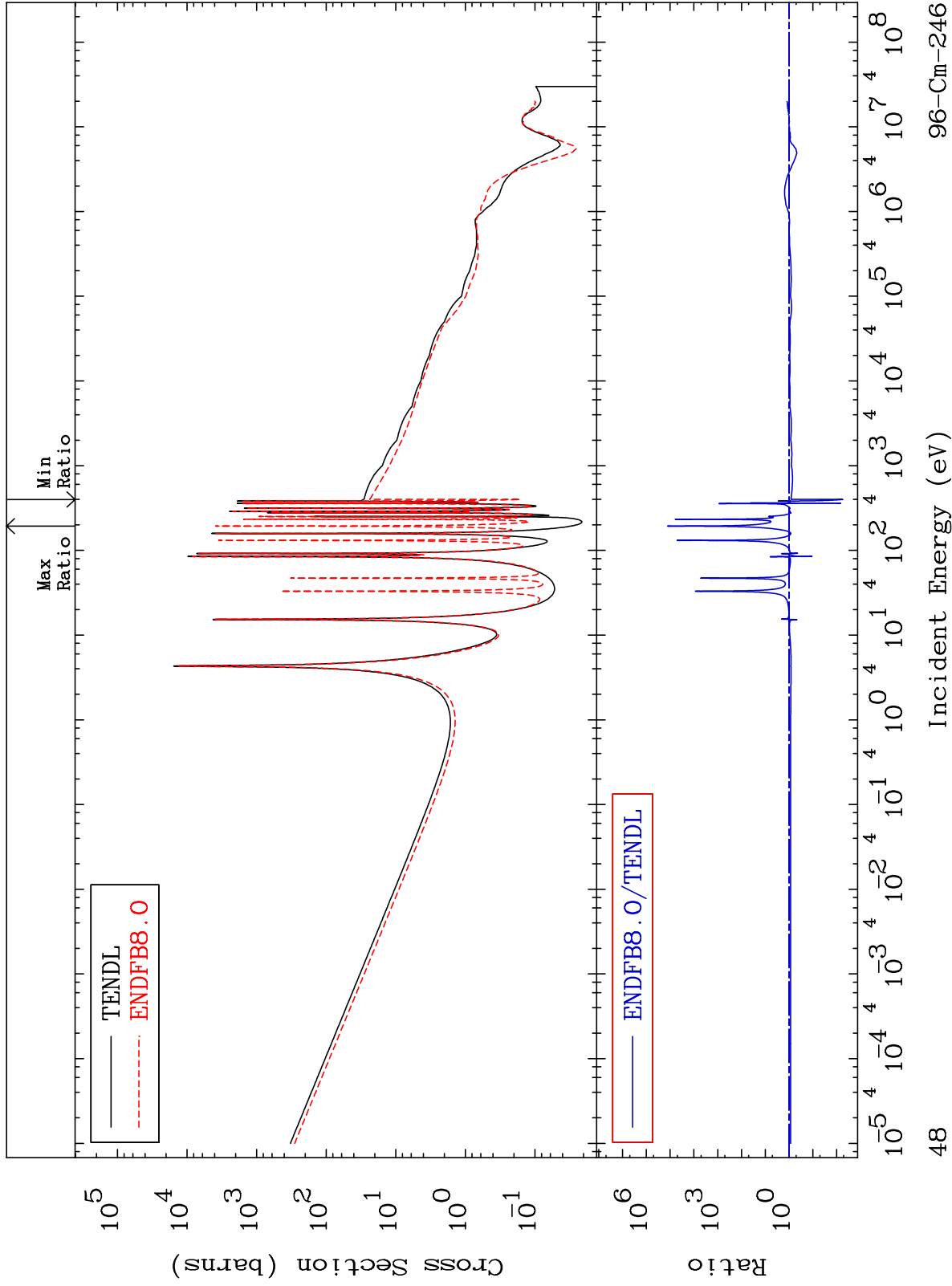
96-Cm-246
-88.53 To 9999. %



MAT 9643

Kerma capture (mt102)
Cross Section

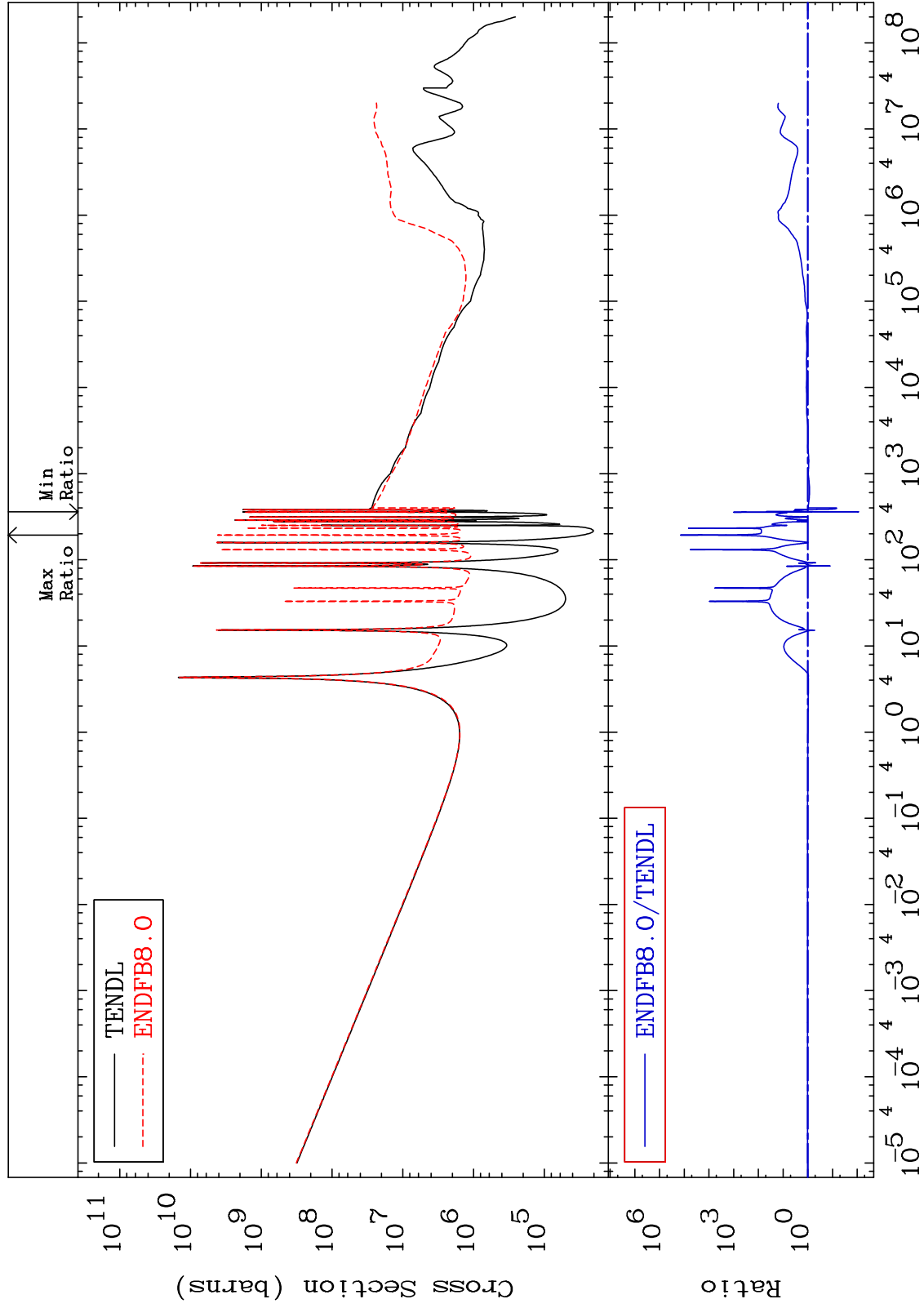
96-Cm-246
-99.44 To 9999. %



MAT 9643

Total photon (eV-barns)
Cross Section

96-Cm-246
-99.12 To 9999. %



49

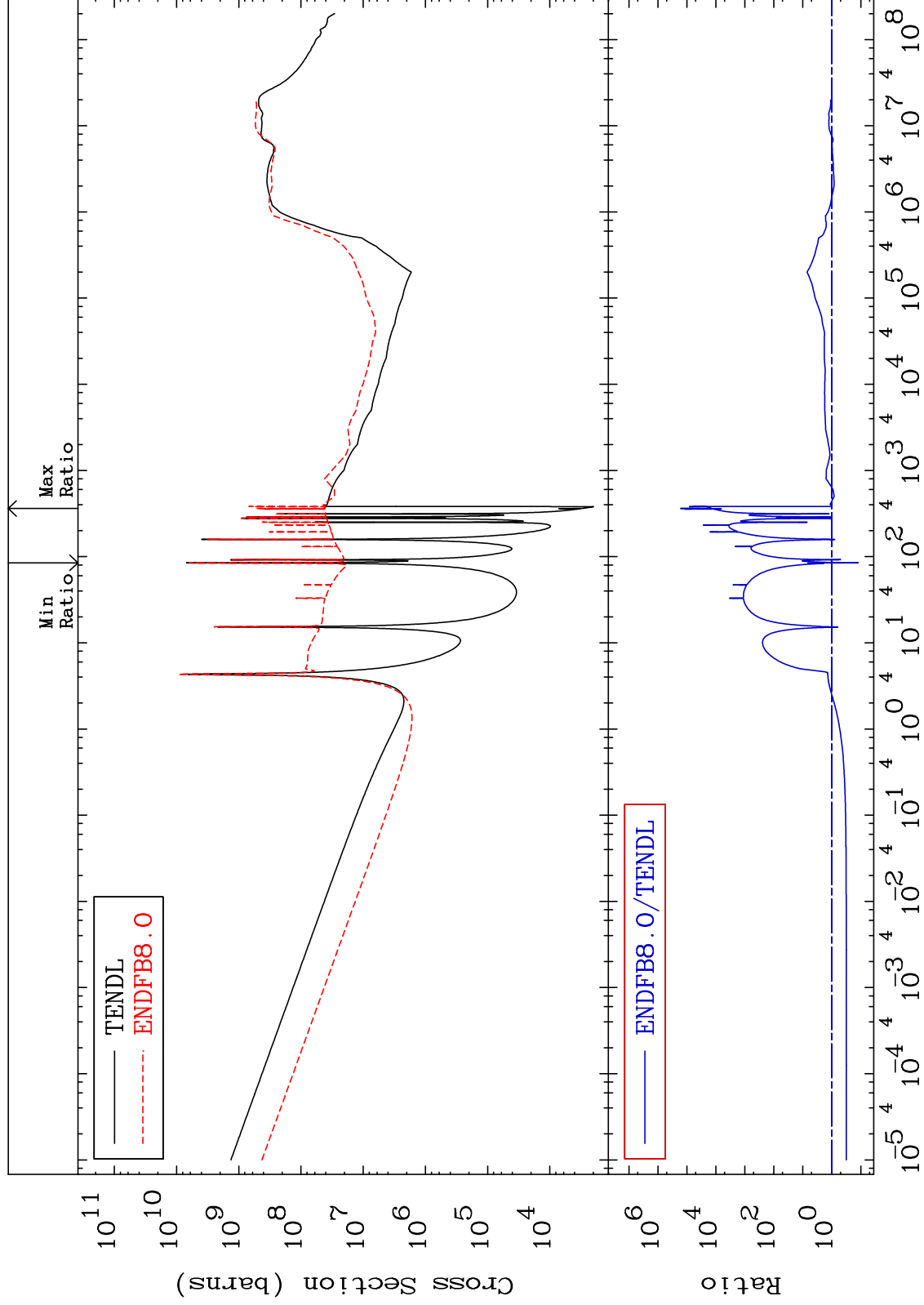
Incident Energy (eV)

96-Cm-246

MAT 9643

Total kinematic kerma (high limit)
Cross Section

96-Cm-246
-88.03 To 9999. %



50

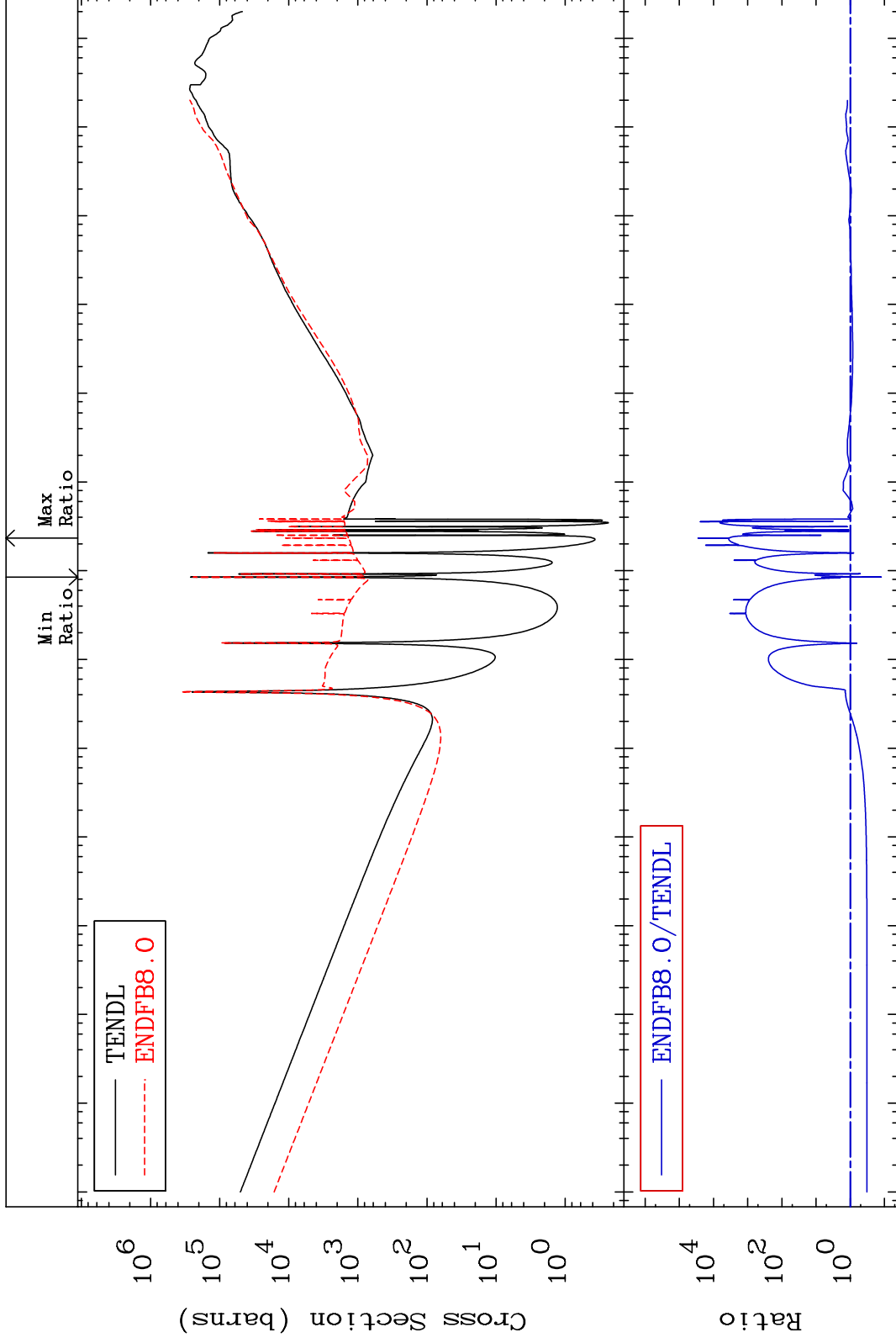
Incident Energy (eV)

96-Cm-246

MAT 9643

Dpa total (eV-barns)
Cross Section

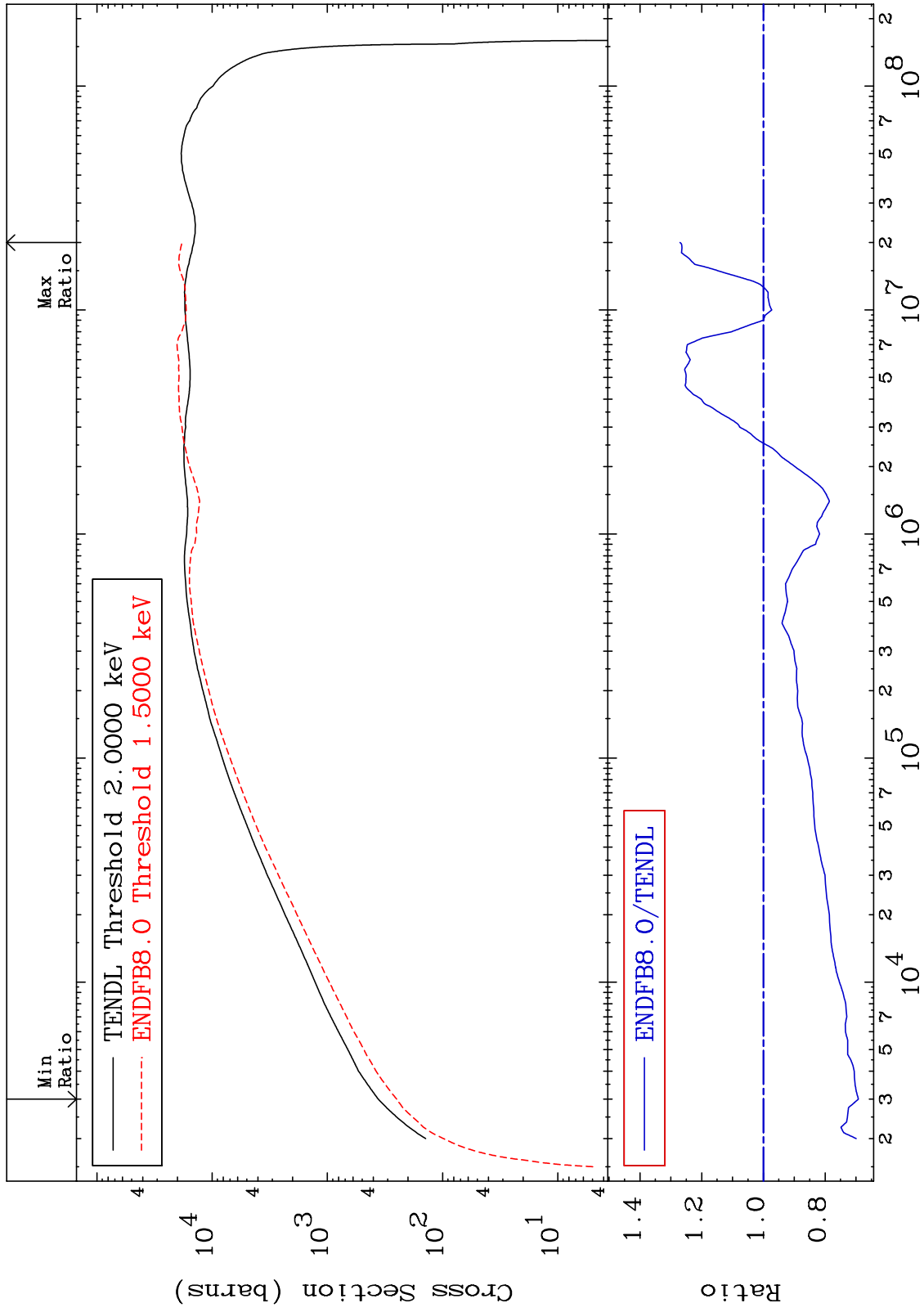
96-Cm-246
-87.80 To 9999. %



MAT 9643

Dpa elastic (mt2)
Cross Section

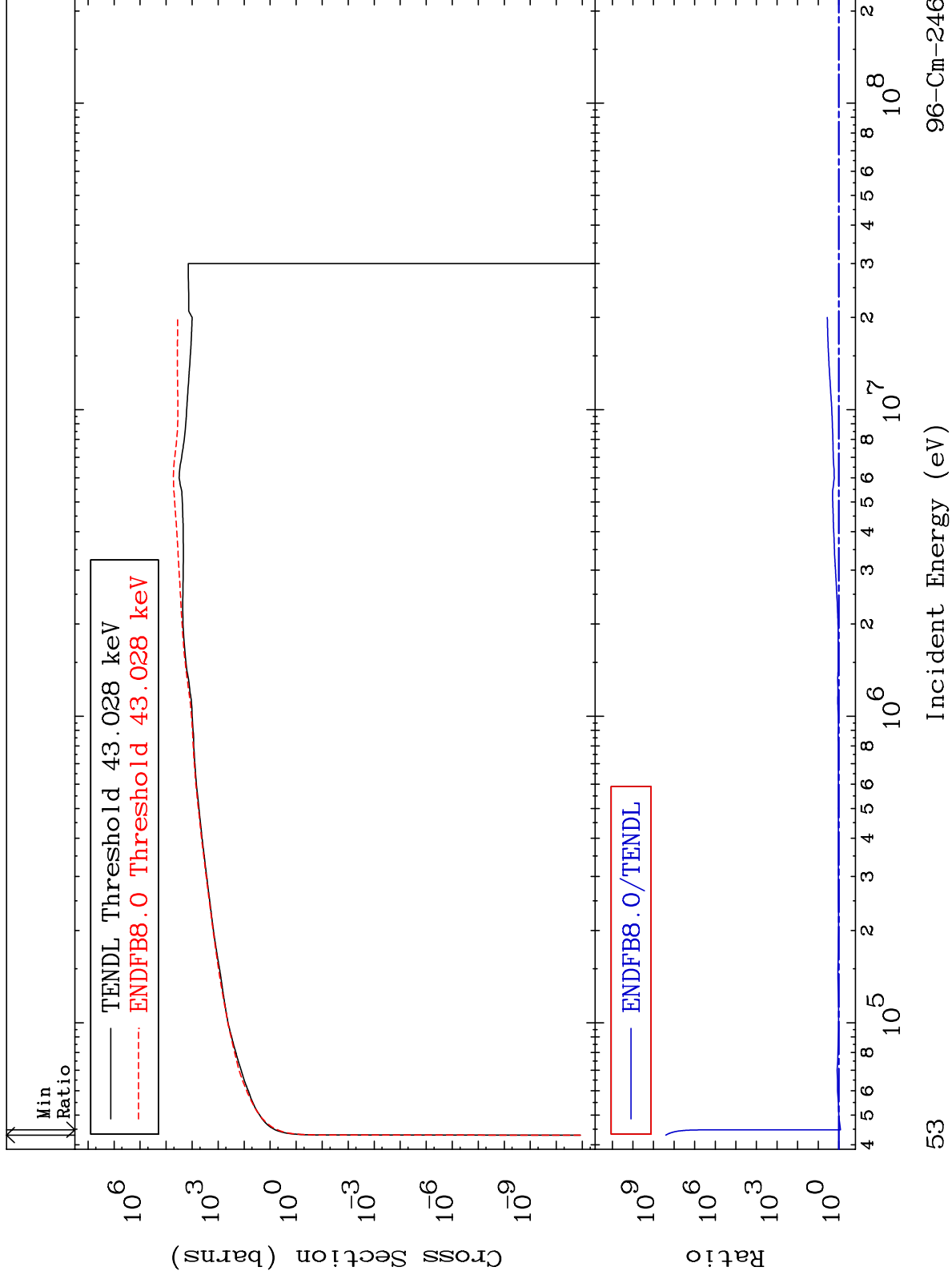
96-Cm-246
-30.79 To 27.02 %



MAT 9643

Dpa inelastic (mt51-91)
Cross Section

96-Cm-246
-17.86 To 9999. %



MAT 9643

Dpa disappearance (mt102 -120)
Cross Section

96-Cm-246
-99.99 To 9999. %

