

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

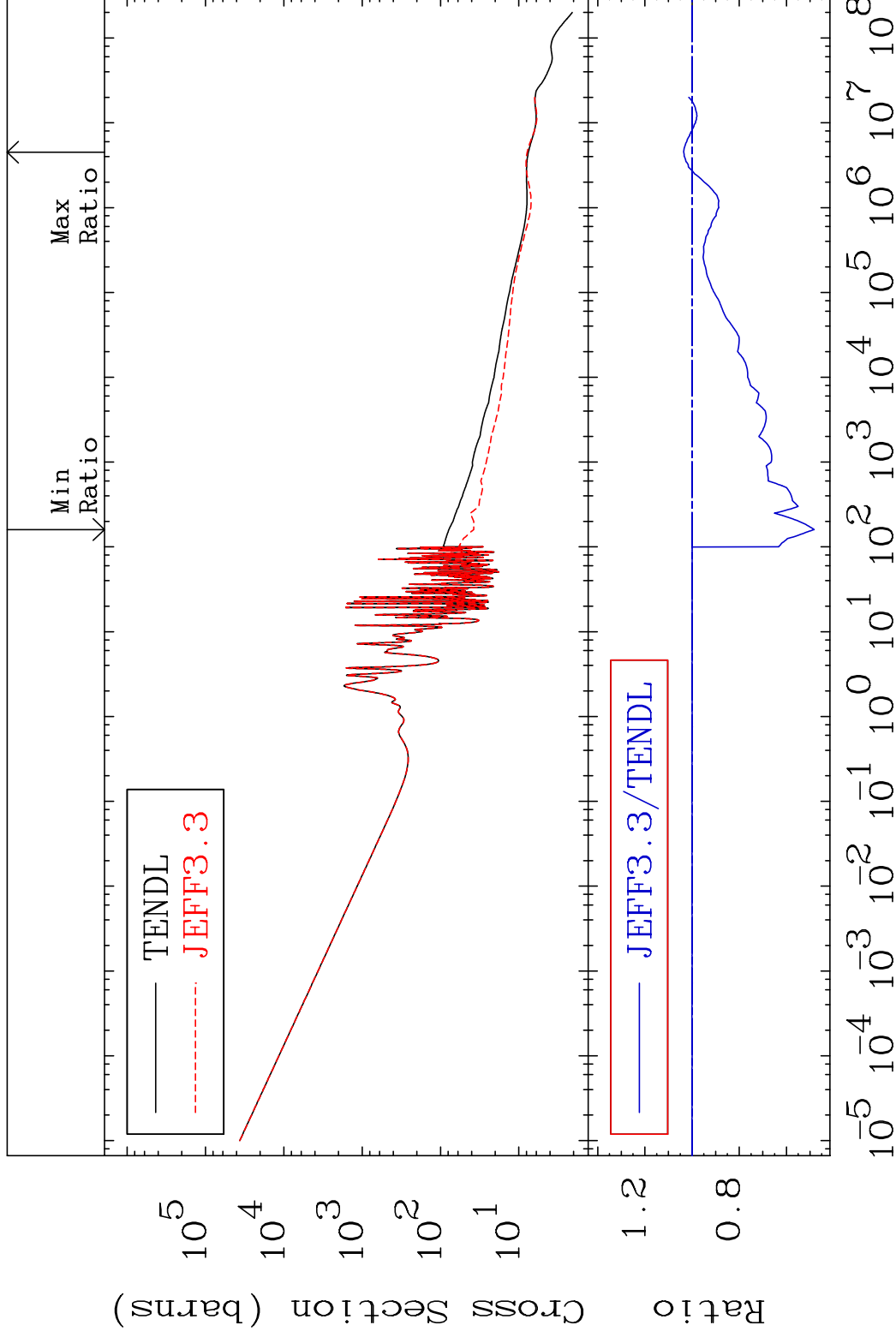
MAT 9634

Total

96-Cm-243

Cross Section

-51.74 To 3.559 %



1

Incident Energy (eV)

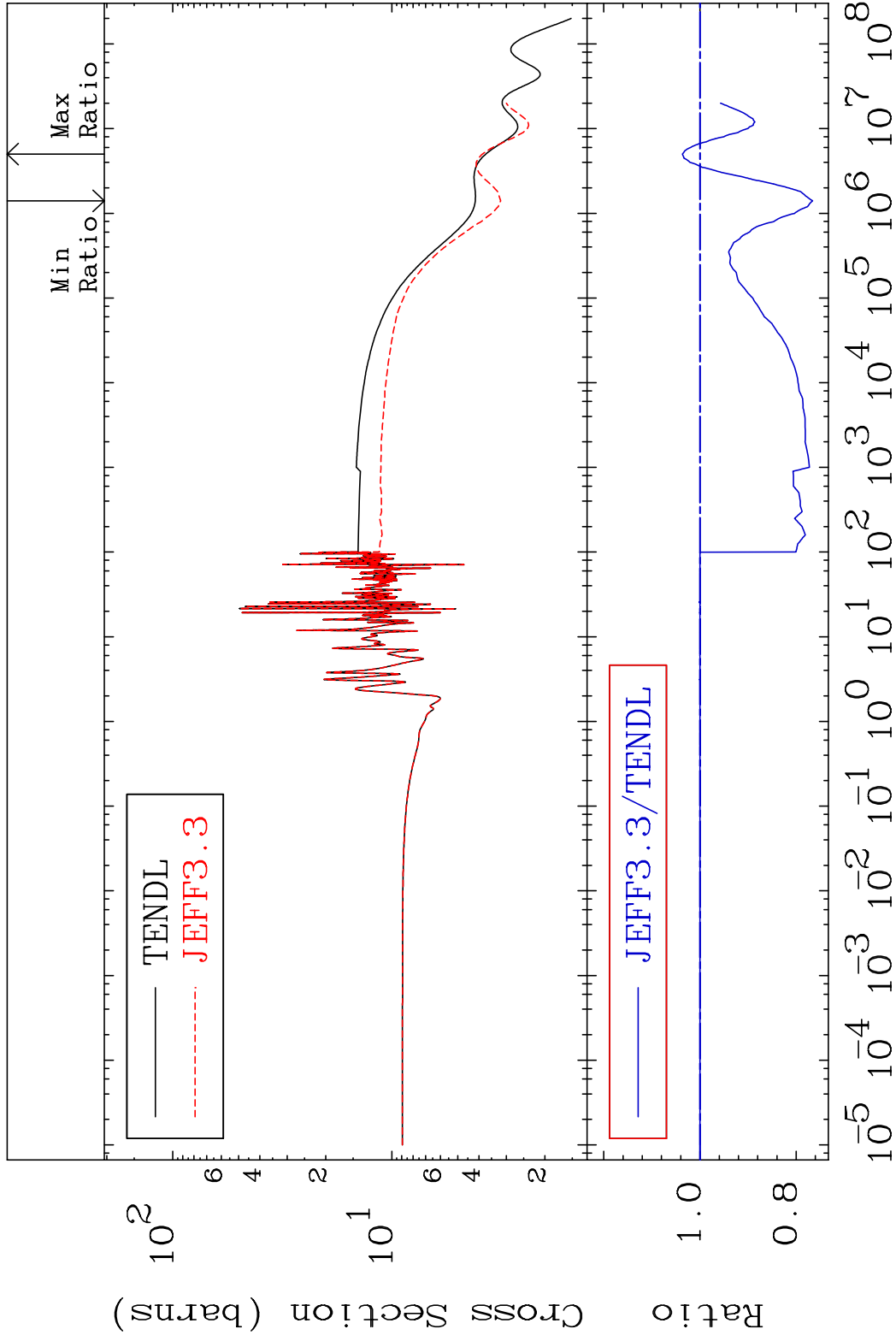
96-Cm-243

MAT 9634

Elastic

96-Cm-243

Cross Section -23.40 To 3.669 %



2

Incident Energy (eV)

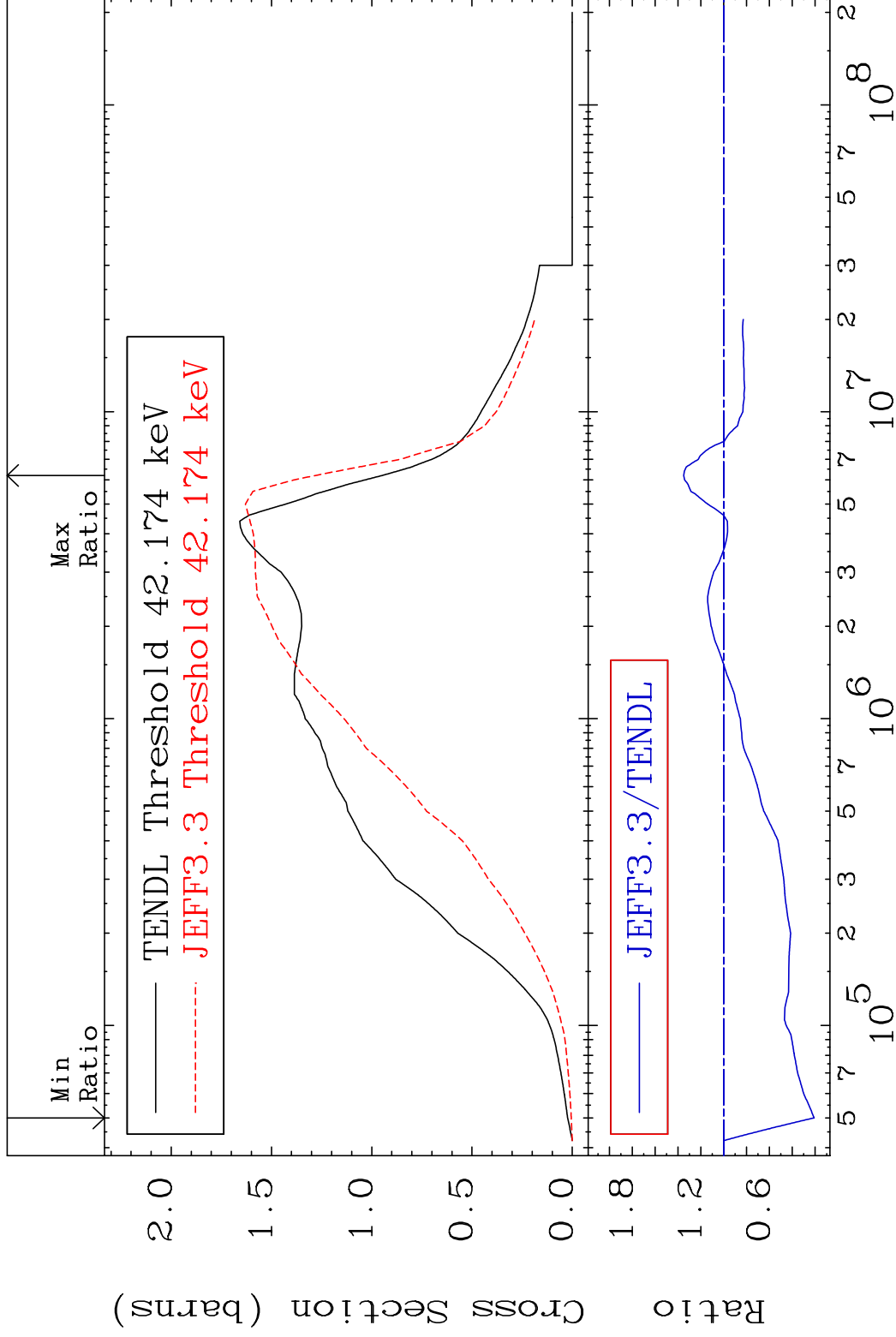
96-Cm-243

MAT 9634

Inelastic

96-Cm-243

Cross Section -79.06 To 35.09 %



3

Incident Energy (eV)

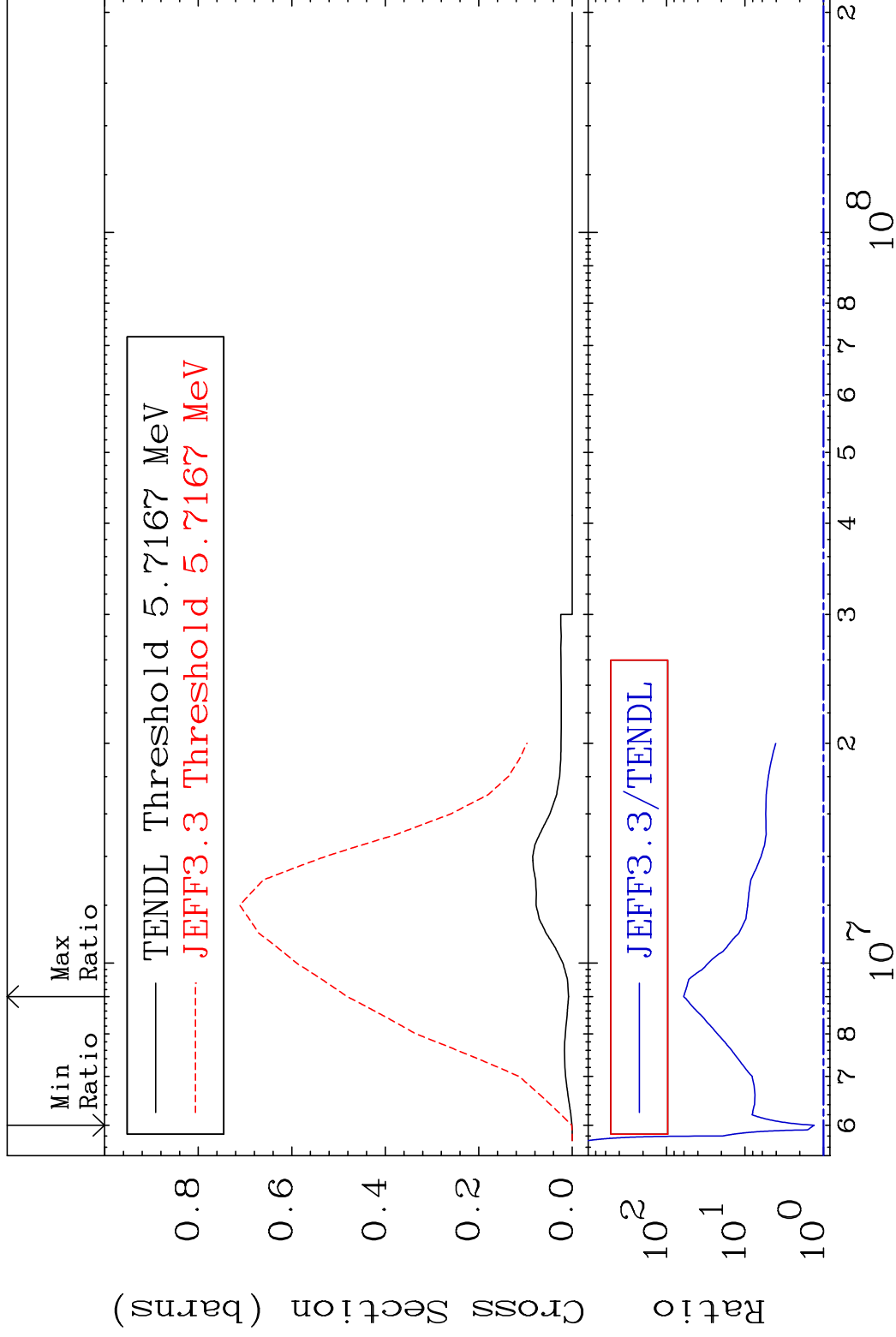
96-Cm-243

MAT 9634

(n,2n)

96-Cm-243

Cross Section 31.49 To 5950. %



4

Incident Energy (eV)

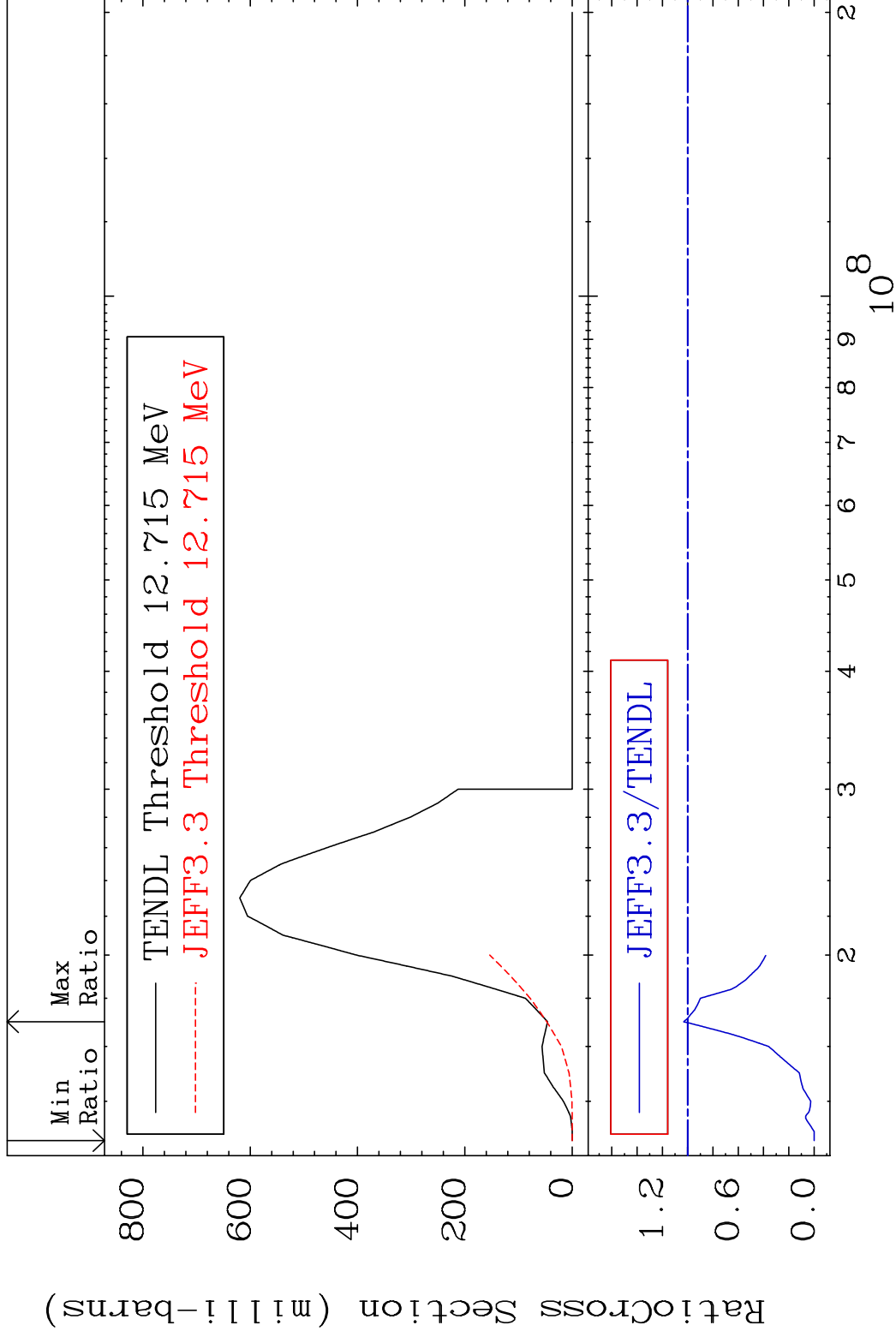
96-Cm-243

MAT 9634

(n,3n)

96-Cm-243

Cross Section -100.0 To 3.181 %



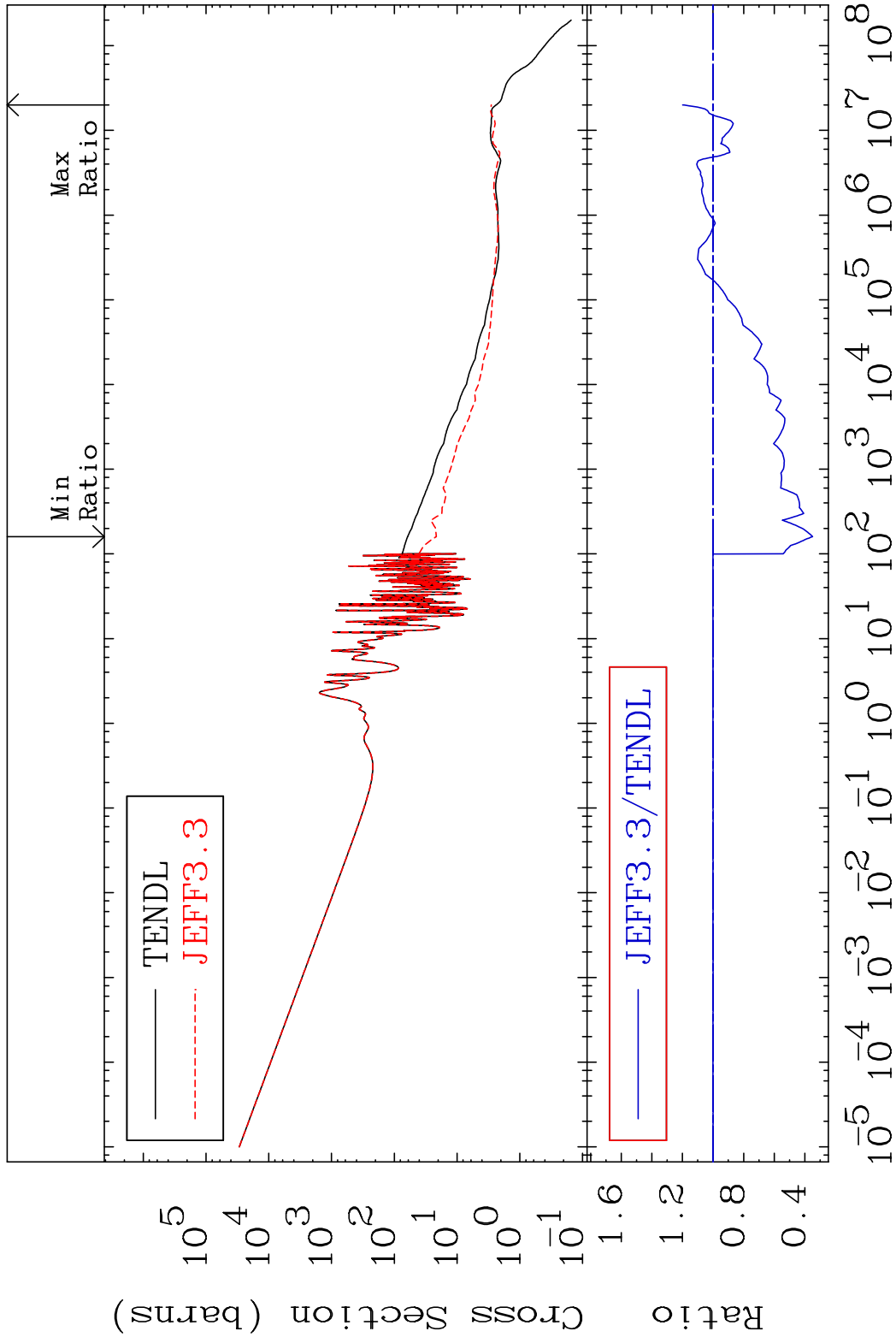
5

Incident Energy (eV)

96-Cm-243

MAT 9634

Fission Cross Section -65.09 To 20.08 %
96-Cm-243

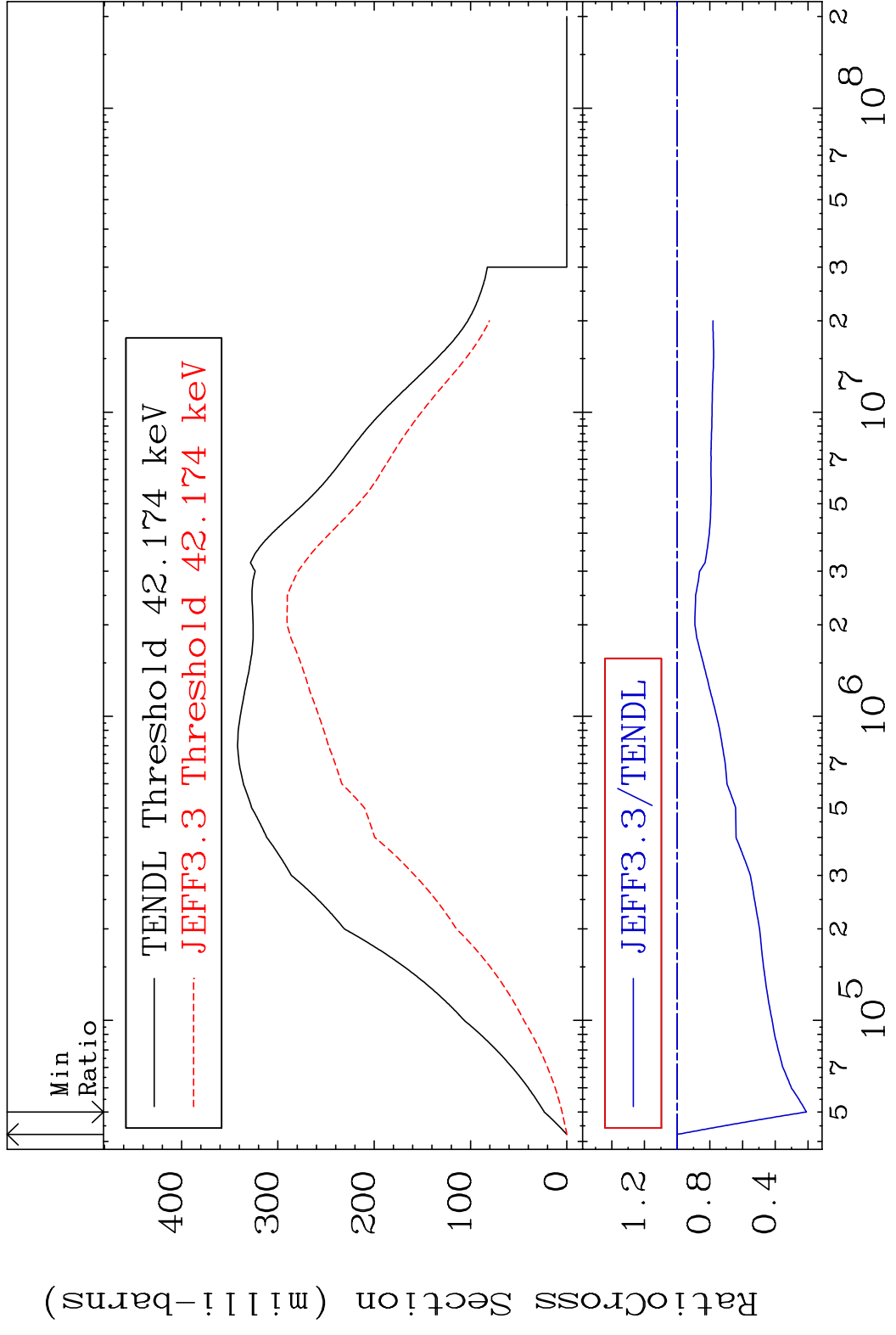


6

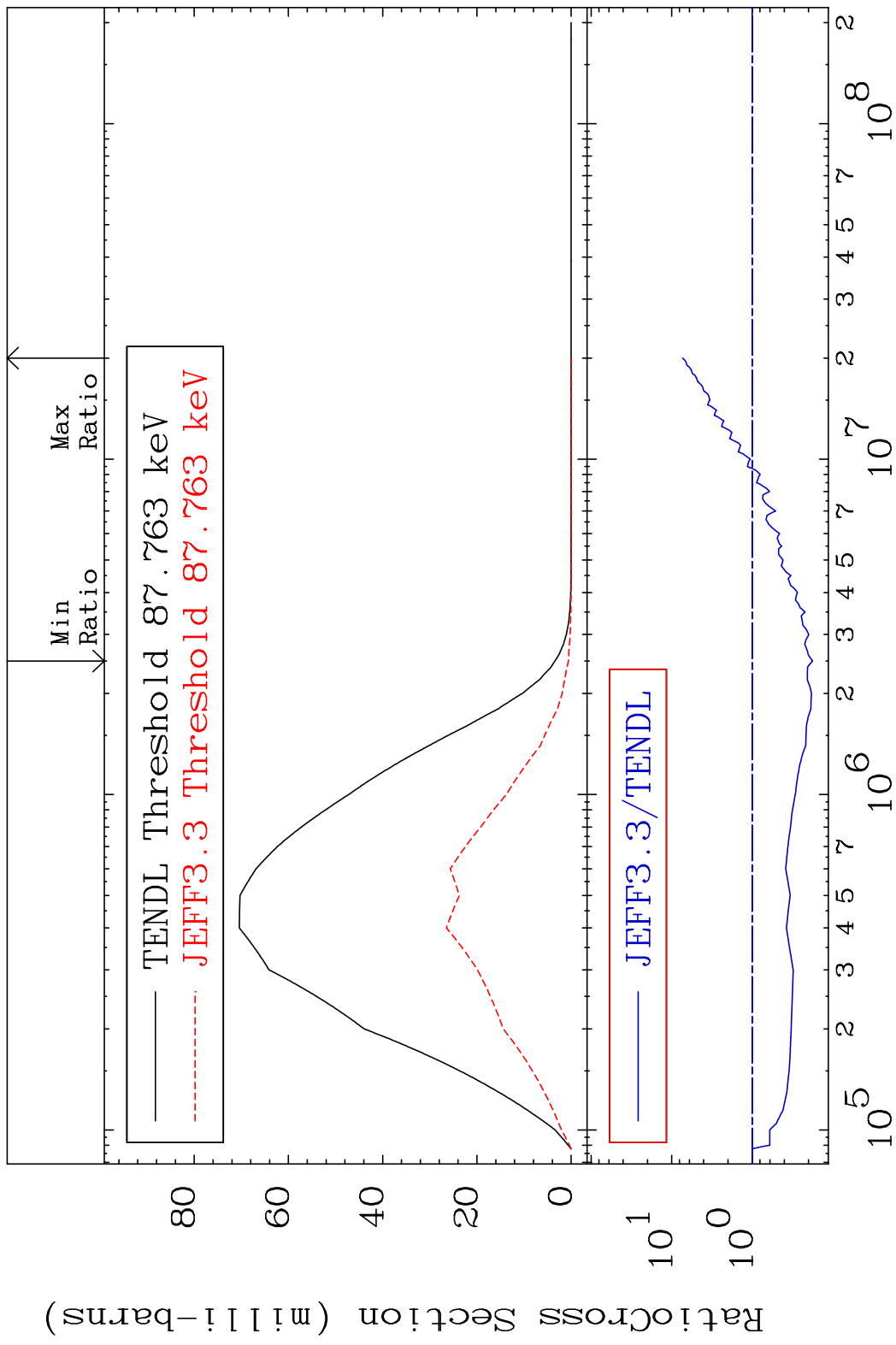
Incident Energy (eV)

96-Cm-243

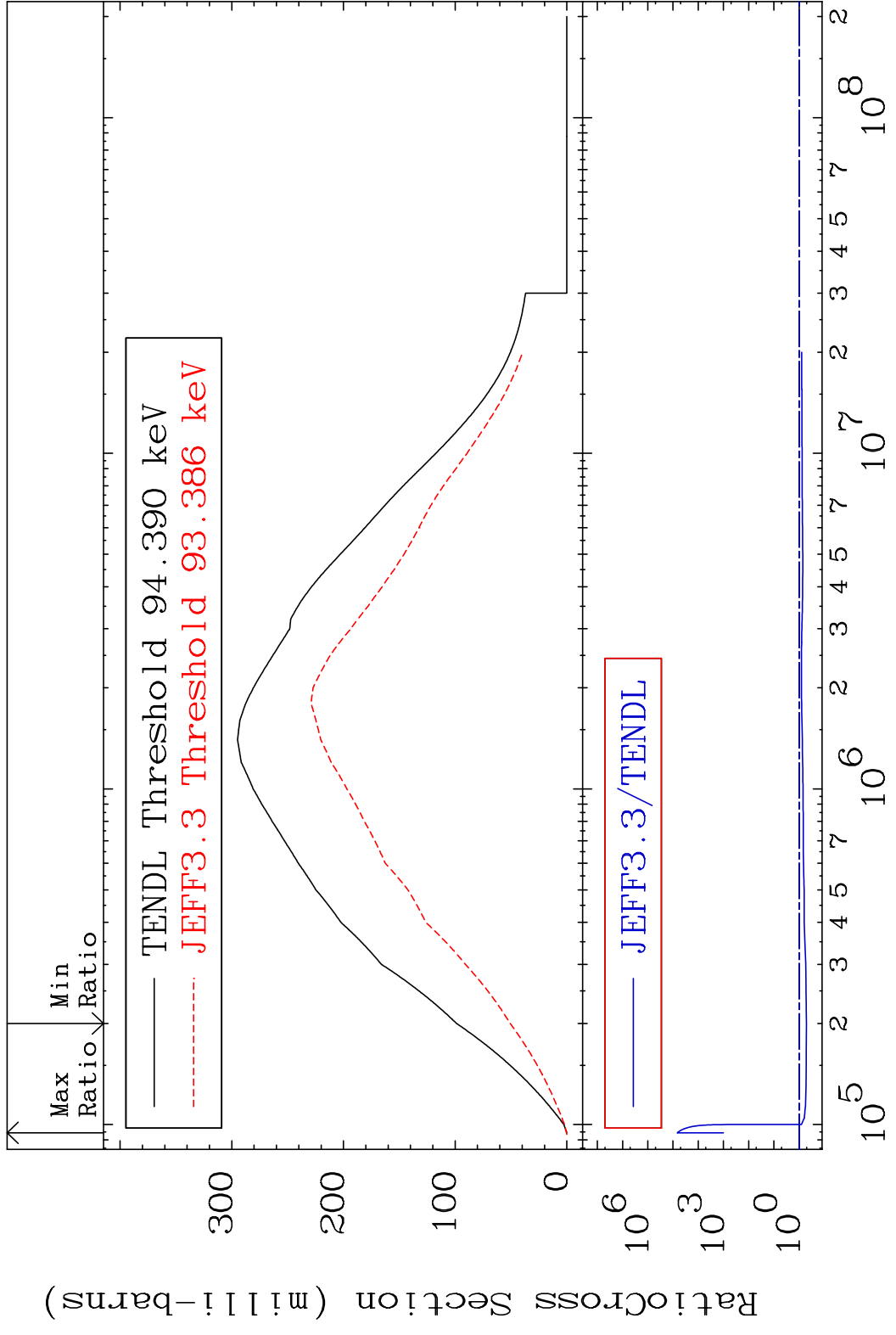
MAT 9634 MT= 51 (n,n') Level 96-Cm-243
 Cross Section -79.06 To 0.000 %



MAT 9634 MT= 52 (n, n') Level 96-Cm-243
 Cross Section -82.19 To 636.1 %

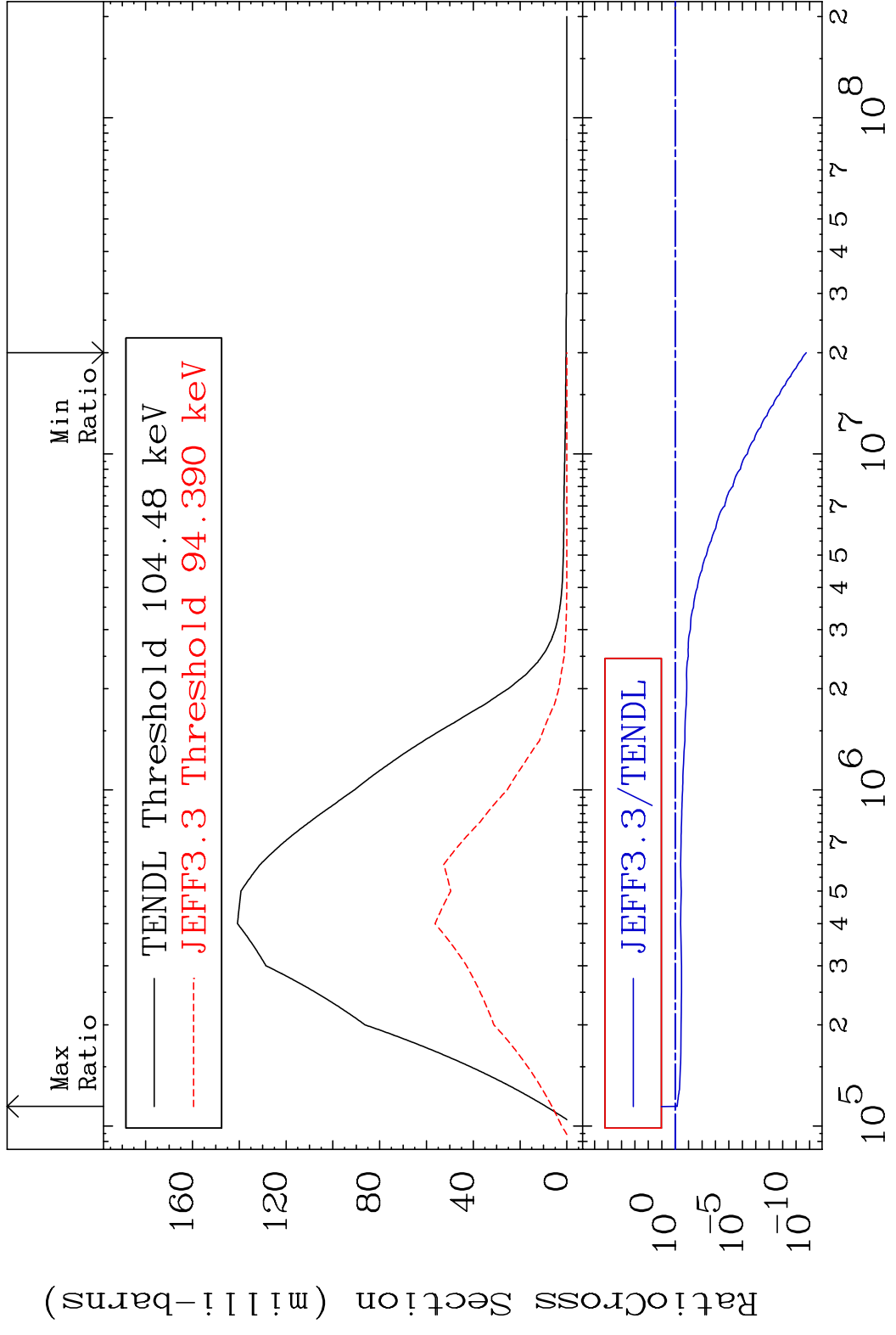


MAT 9634 MT= 53 (n, n') Level 96-Cm-243
 Cross Section -48.61 To 9999. %



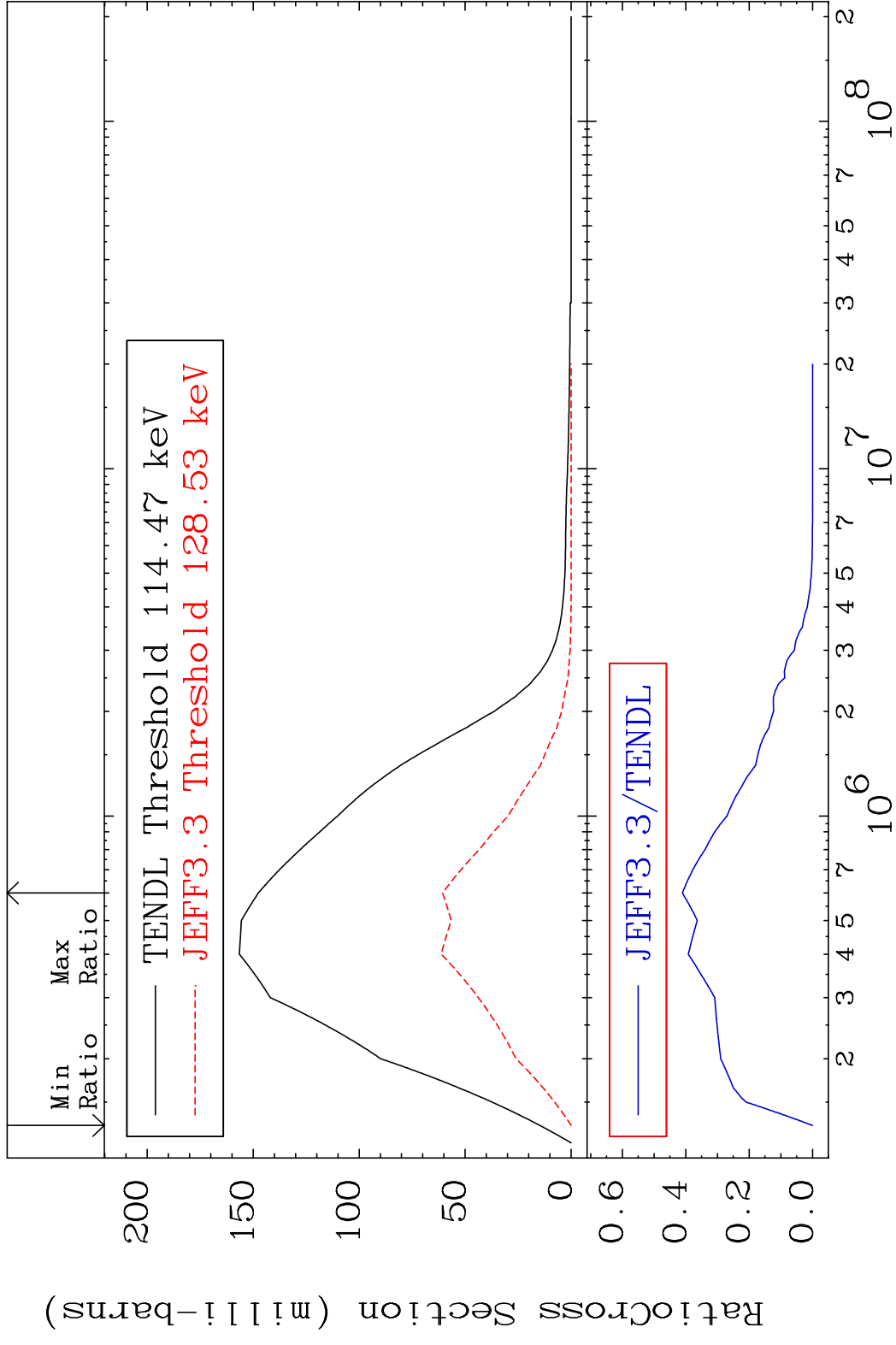
9 Incident Energy (eV) 96-Cm-243

MAT 9634 MT= 54 (n,n') Level 96-Cm-243
Cross Section -100.0 To -28.91%



10 10⁵ 10⁶ 10⁷ 10⁸ 2 3 4 5 6 7 8 2 96-Cm-243

MAT 9634 MT= 55 (n,n') Level 96-Cm-243
 Cross Section -100.0 To -58.92%

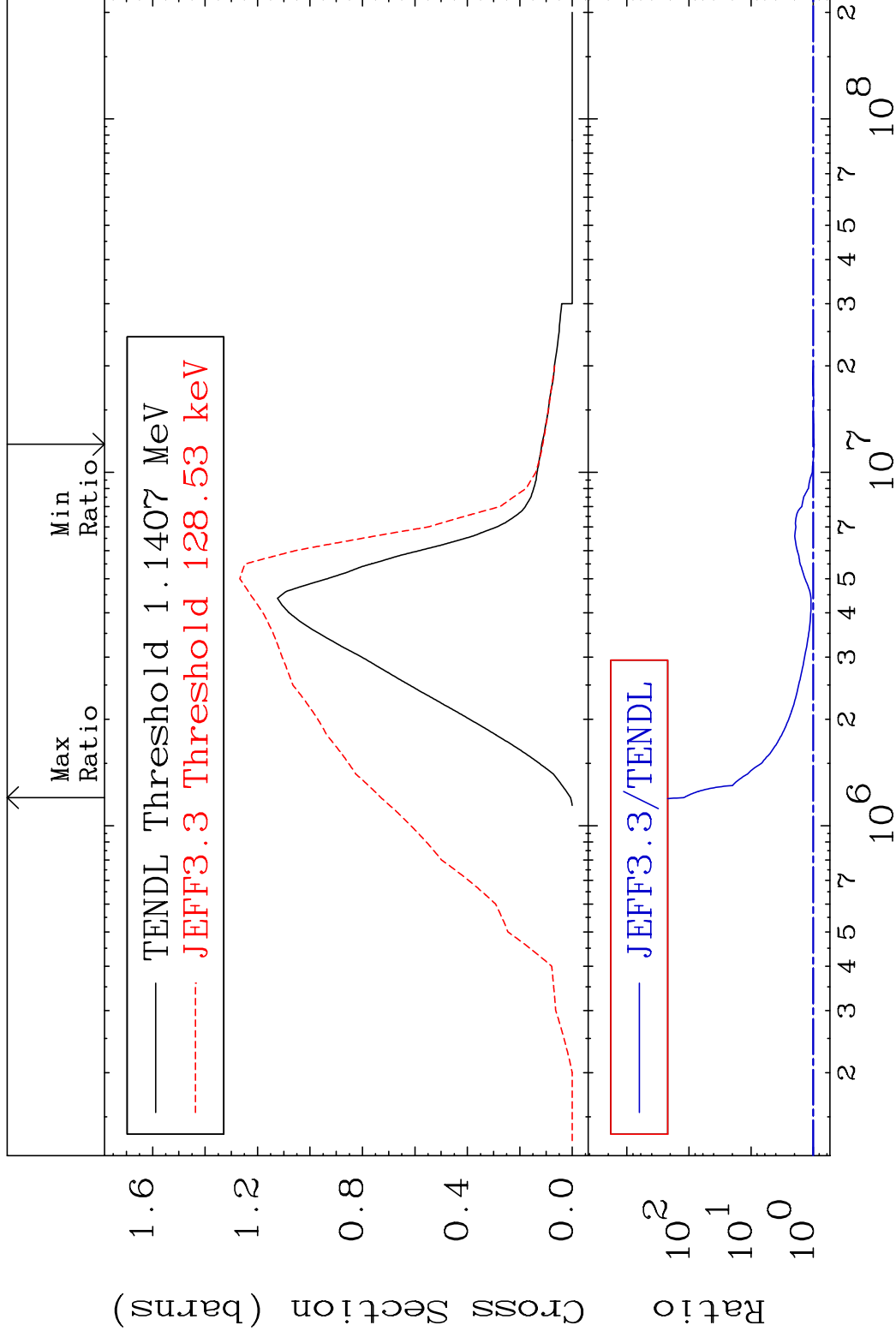


MAT 9634

(n, n') Continuum

96-Cm-243

Cross Section -3.232 To 9999. %



12

Incident Energy (eV)

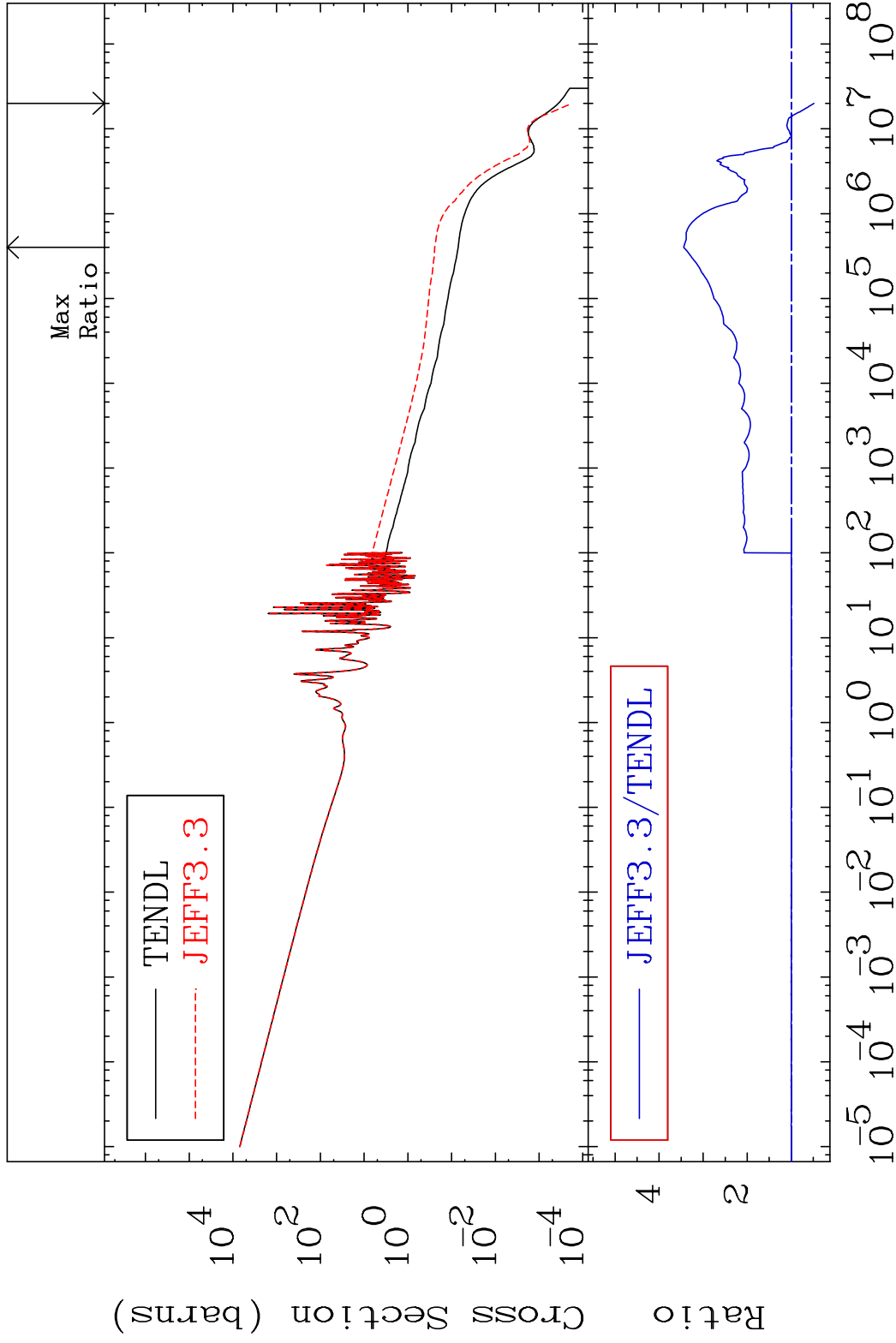
96-Cm-243

MAT 9634

(n, γ)

96-Cm-243

Cross Section -51.95 To 244.2 %



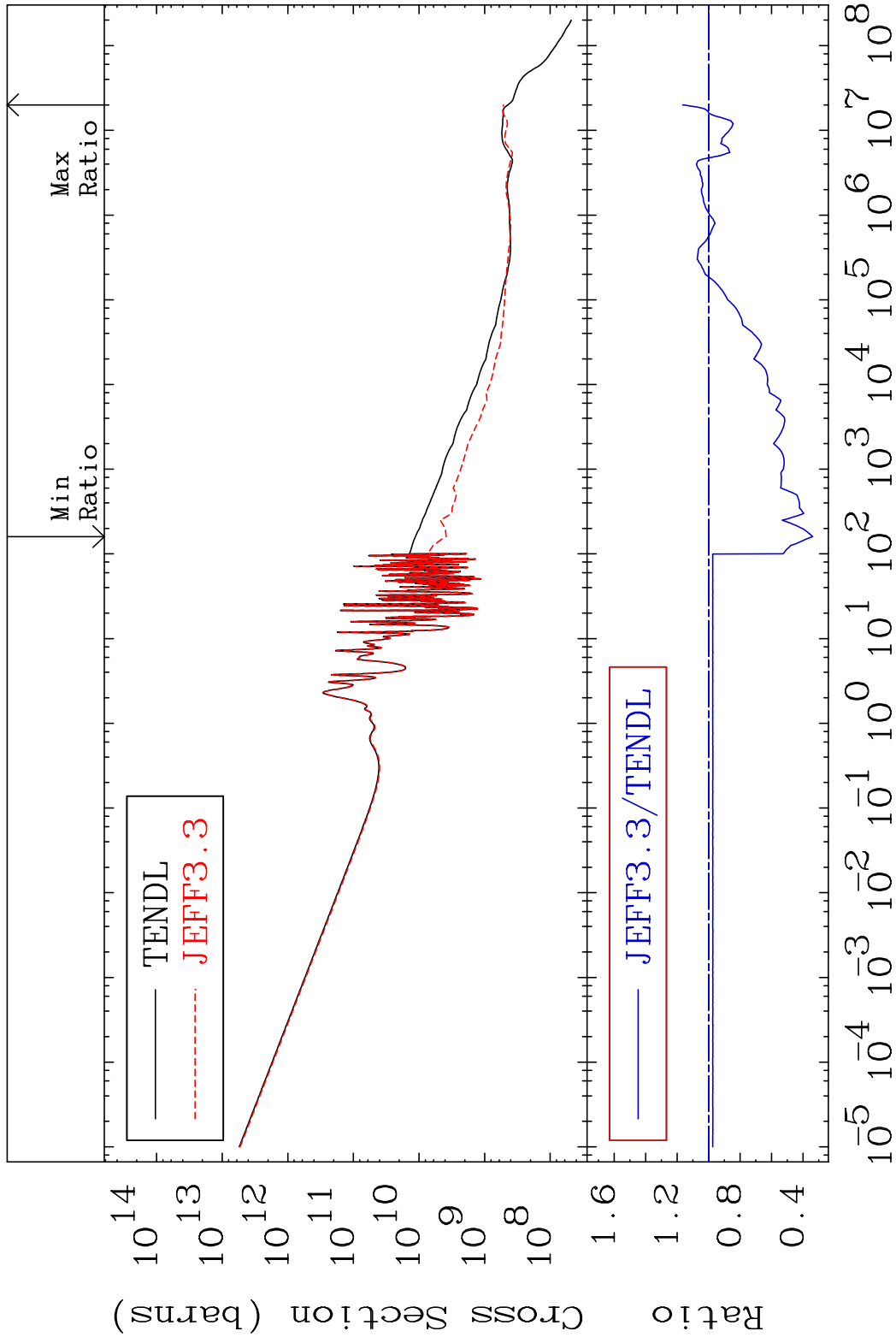
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Incident Energy (eV)

96-Cm-243

MAT 9634

Kerma total (eV-barns) 96-Cm-243
Cross Section -66.01 To 16.75 %



14

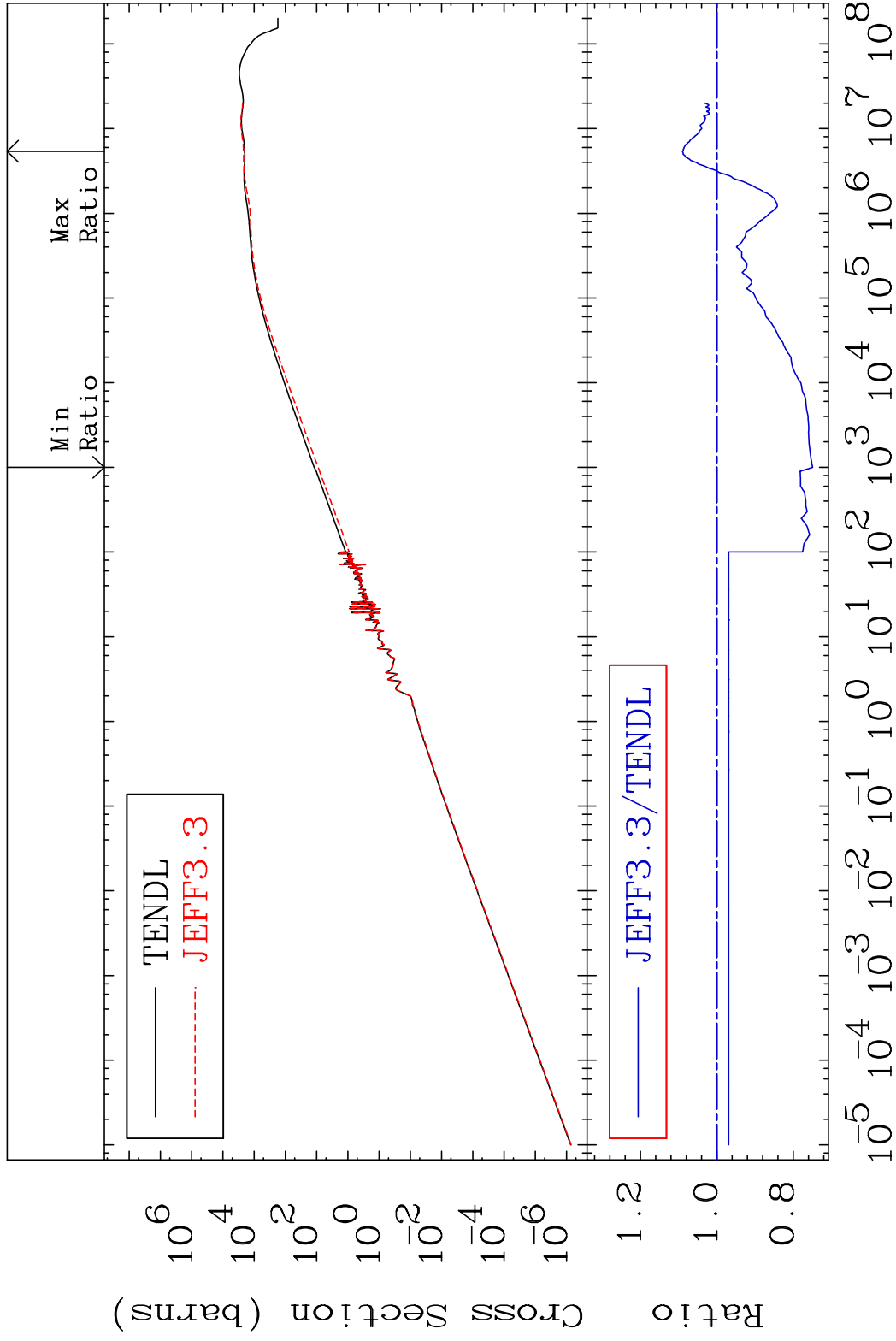
Incident Energy (eV) 96-Cm-243

MAT 9634

Kerma elastic
Cross Section

96-Cm-243

-25.07 To 9.015 %

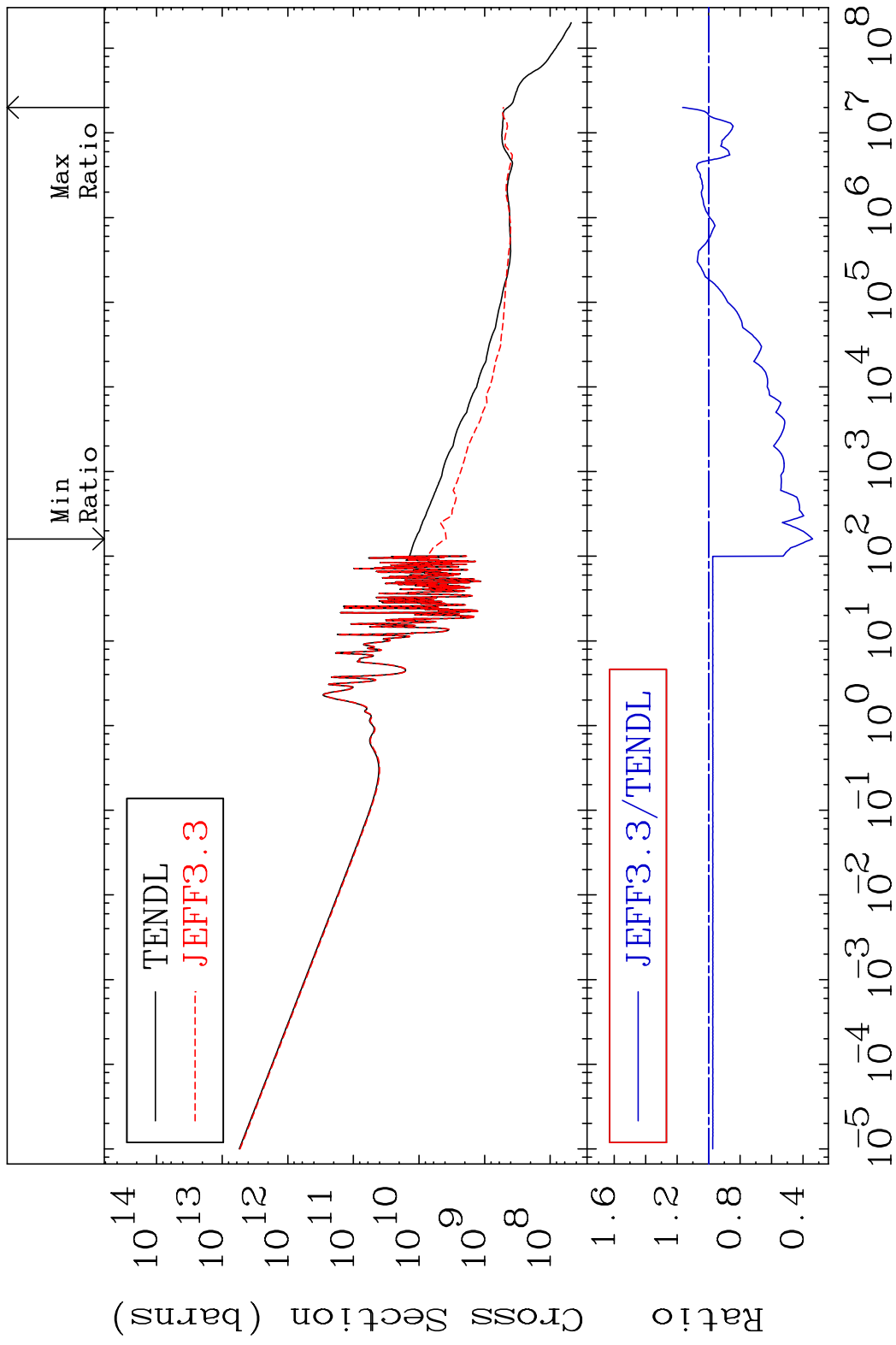


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Incident Energy (eV)

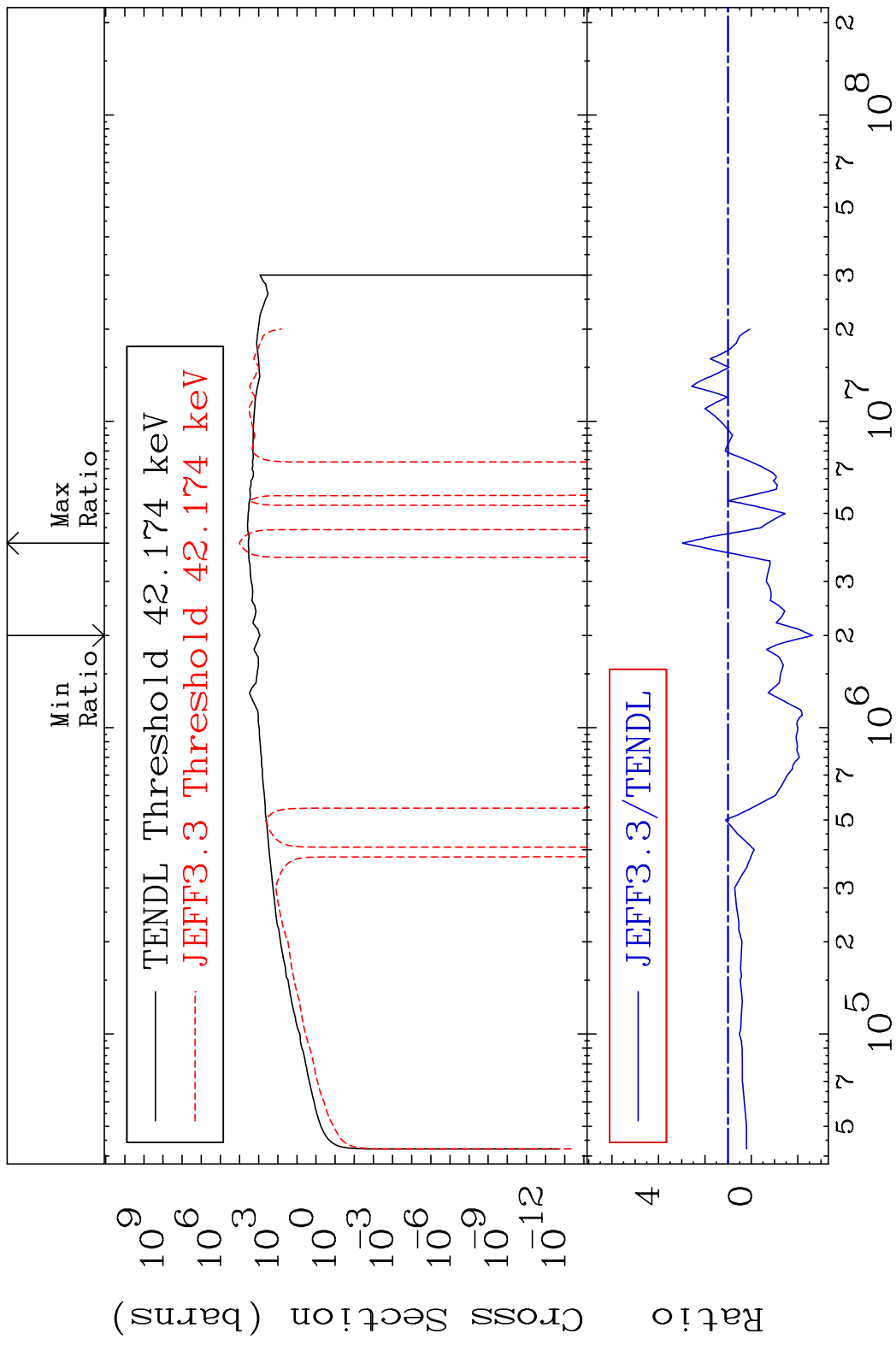
96-Cm-243

MAT 9634 Kerma non-elastic (all but mt2) 96-Cm-243
 Cross Section -66.01 To 16.75 %



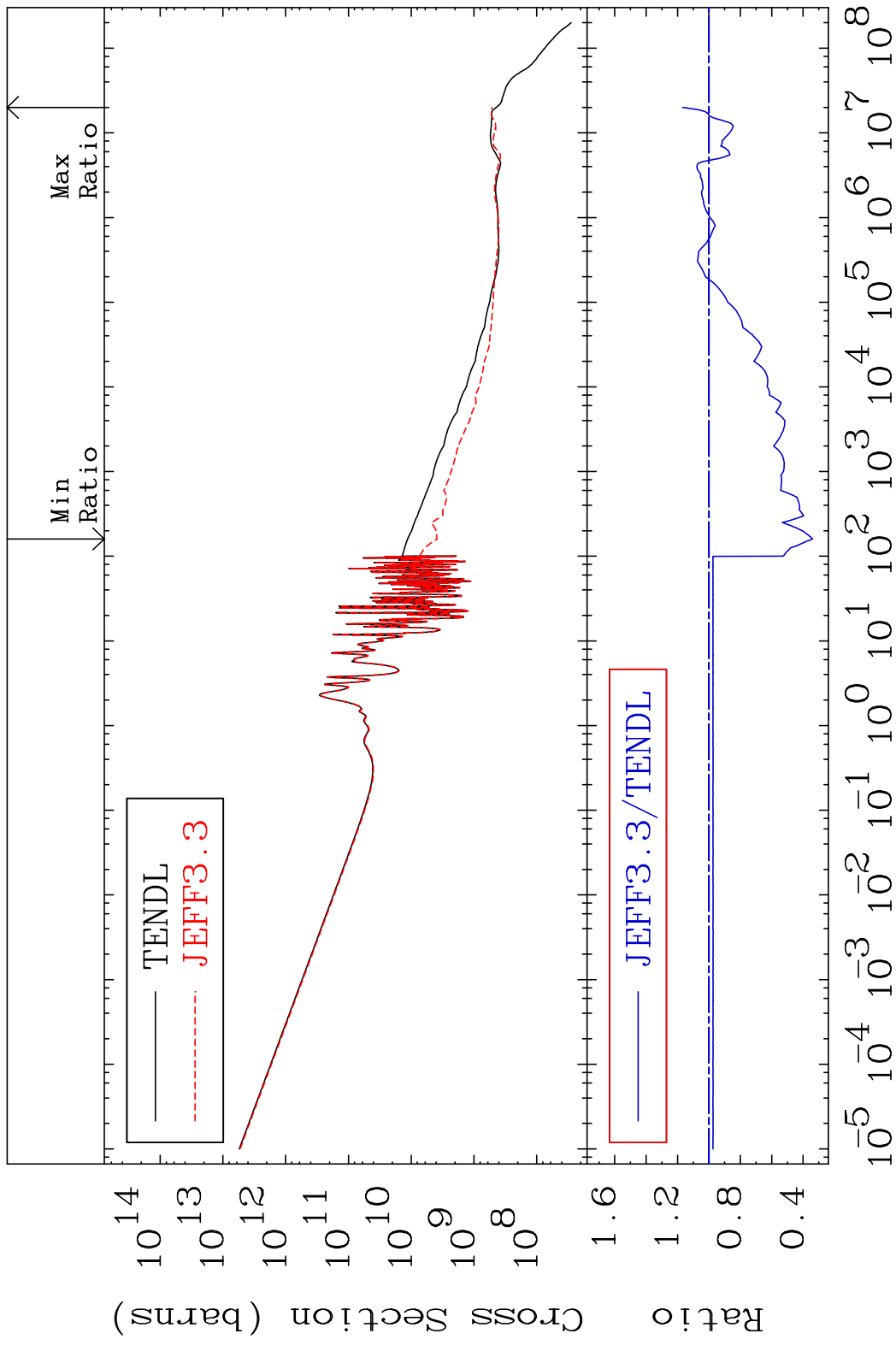
16 Incident Energy (eV) 96-Cm-243

MAT 9634 Kerma inelastic (mt51-91) 96-Cm-243
 Cross Section -363.2 To 196.8 %



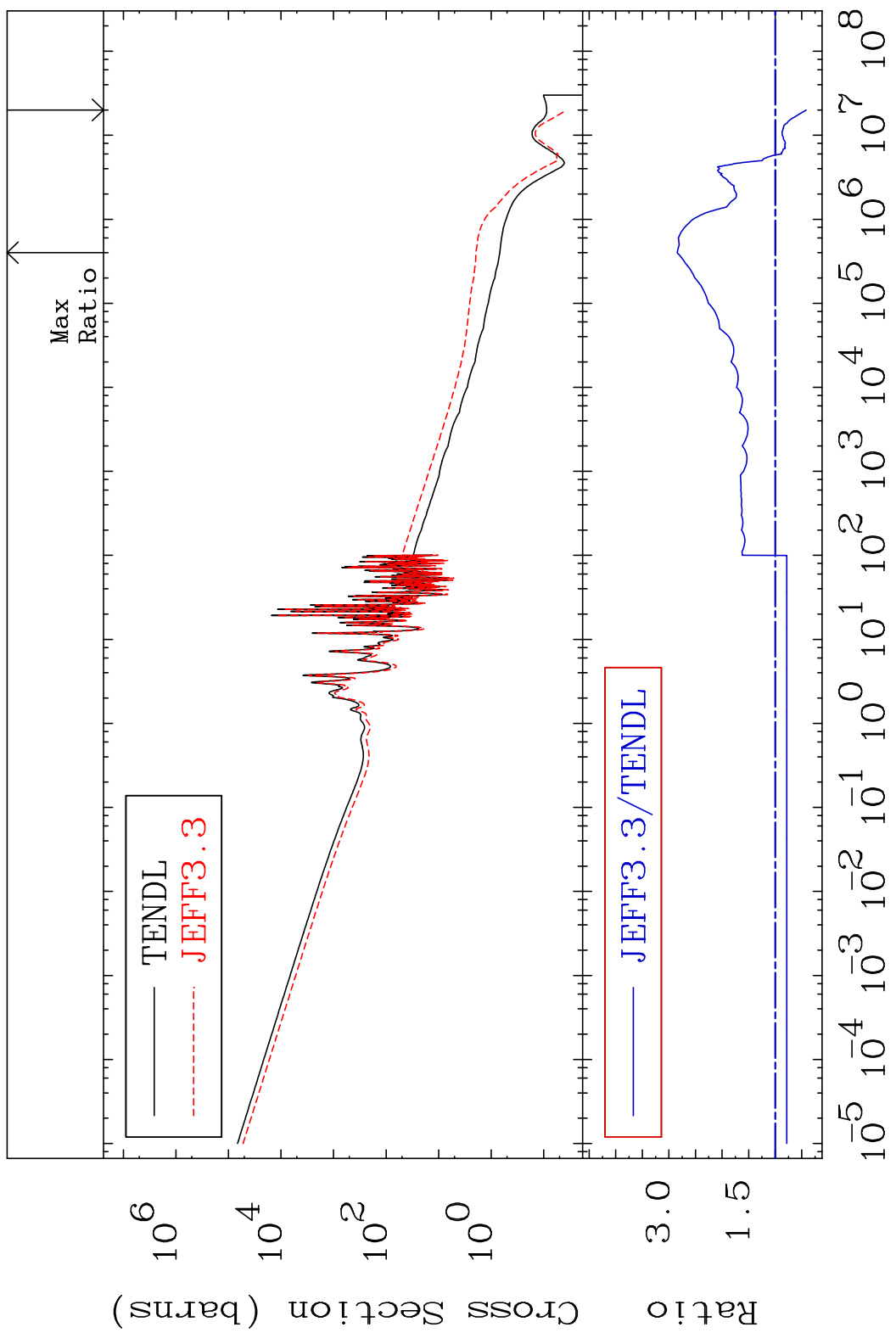
17 Incident Energy (eV) 96-Cm-243

MAT 9634 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-243
 Cross Section -66.01 To 16.94 %



MAT 9634

Kerma capture (mt102) 96-Cm-243
Cross Section -58.67 To 184.4 %

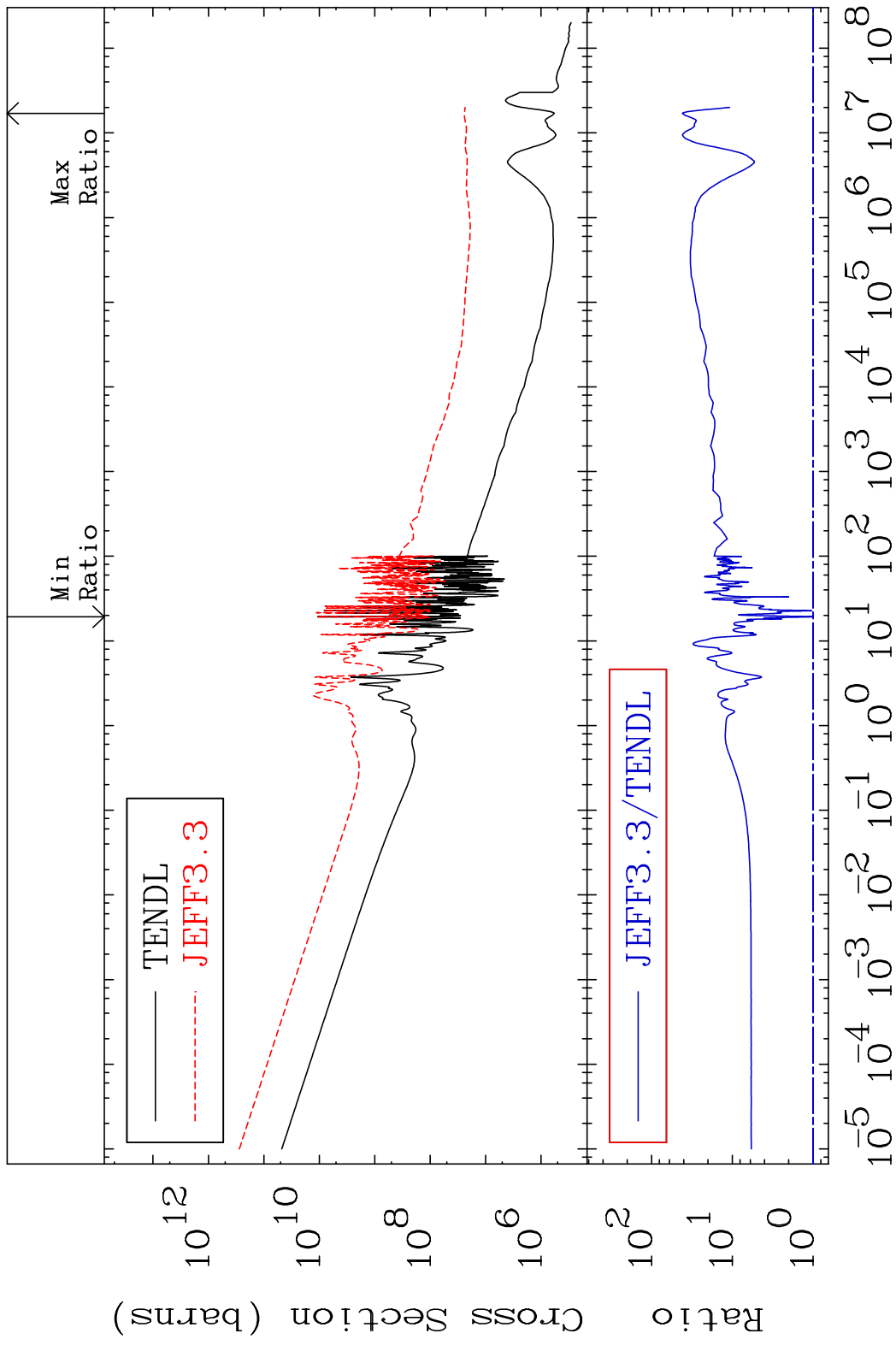


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Incident Energy (eV)

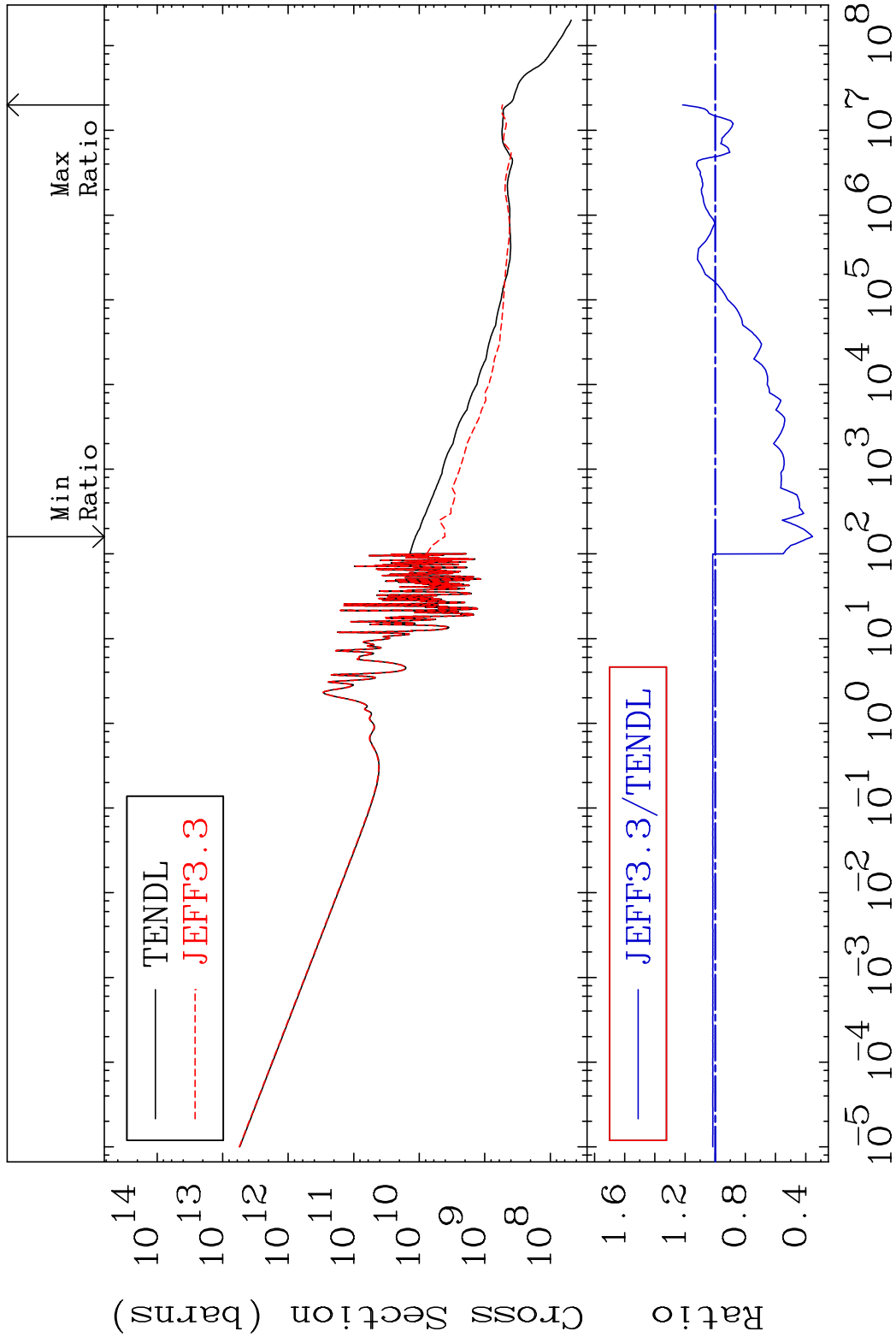
96-Cm-243

MAT 9634 Total photon (eV-barns) 96-Cm-243
 Cross Section 1.482 To 4057. %



20 Incident Energy (eV) 96-Cm-243

MAT 9634 Total kinematic kerma (high limit) 96-Cm-243
 Cross Section -64.54 To 21.78 %

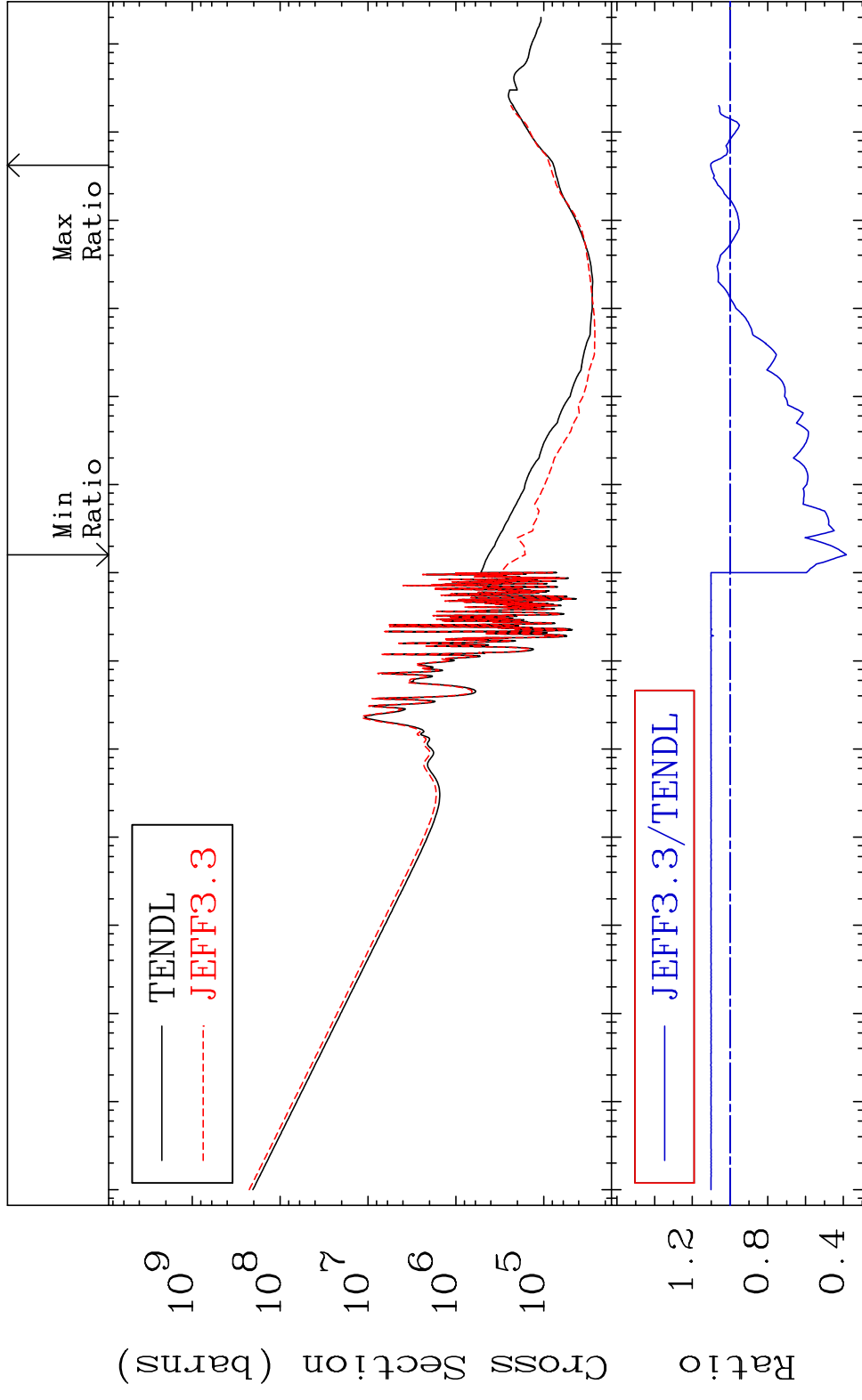


MAT 9634

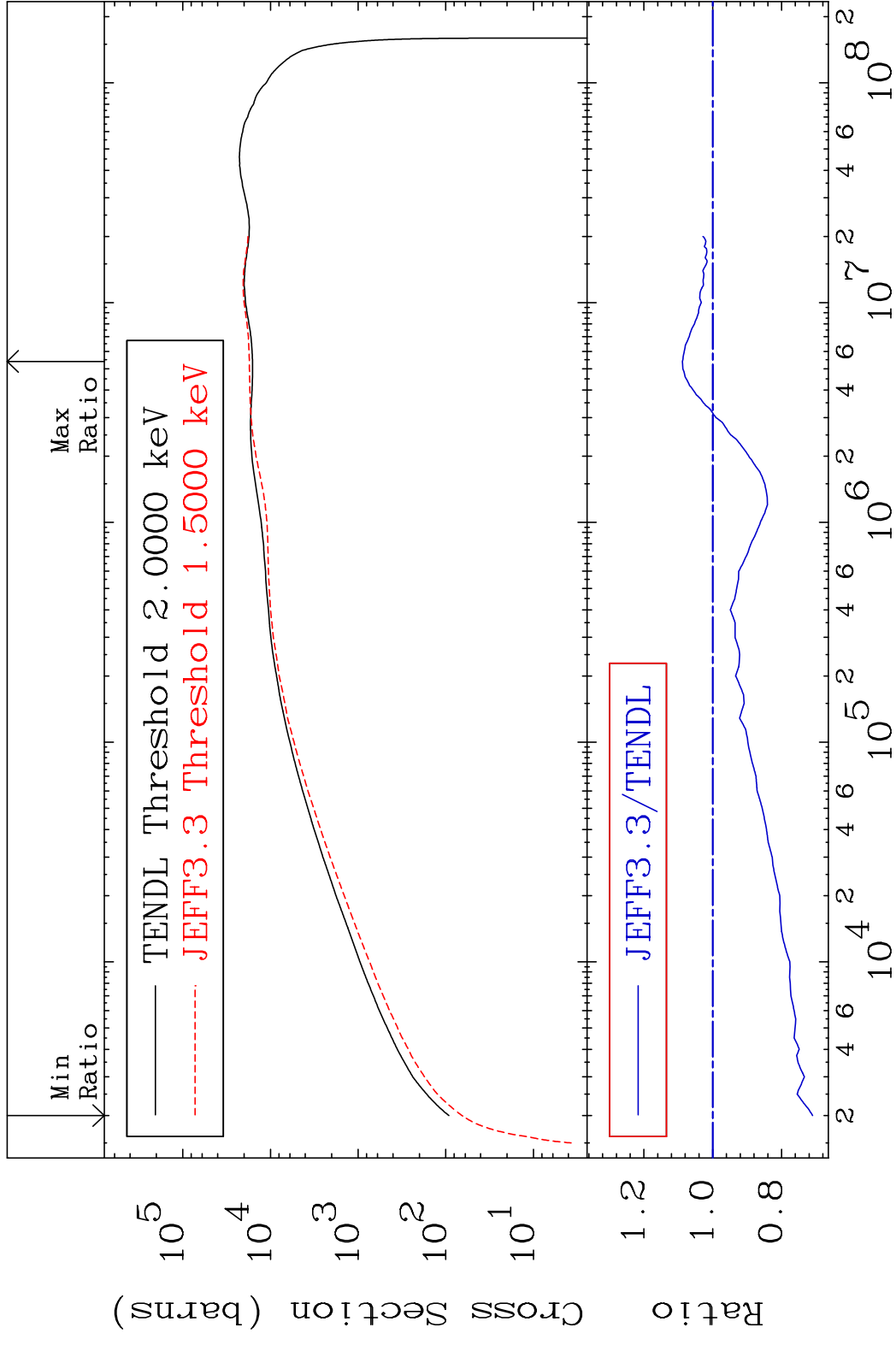
Dpa total (eV-barns)

96-Cm-243

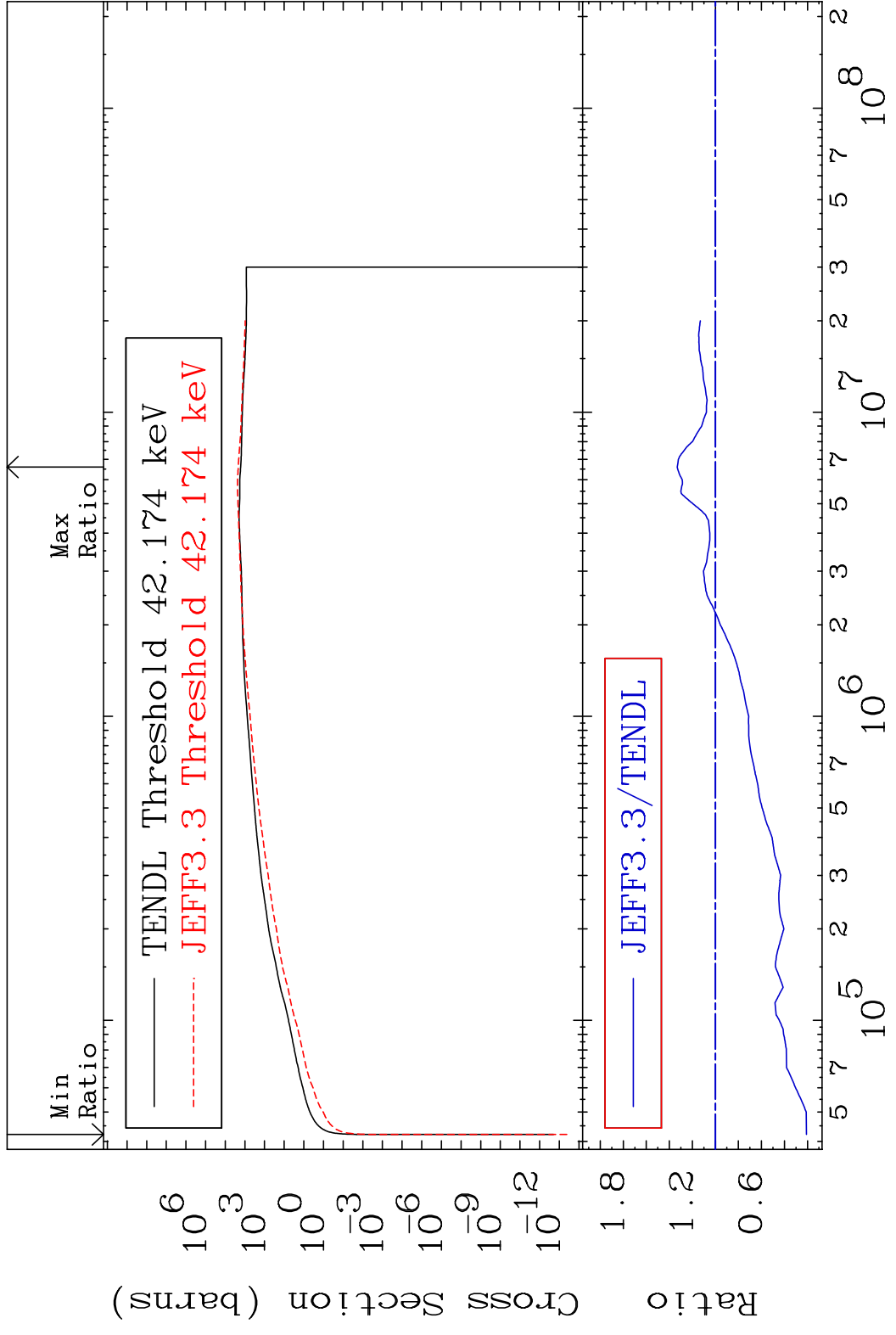
Cross Section -61.57 To 10.27 %



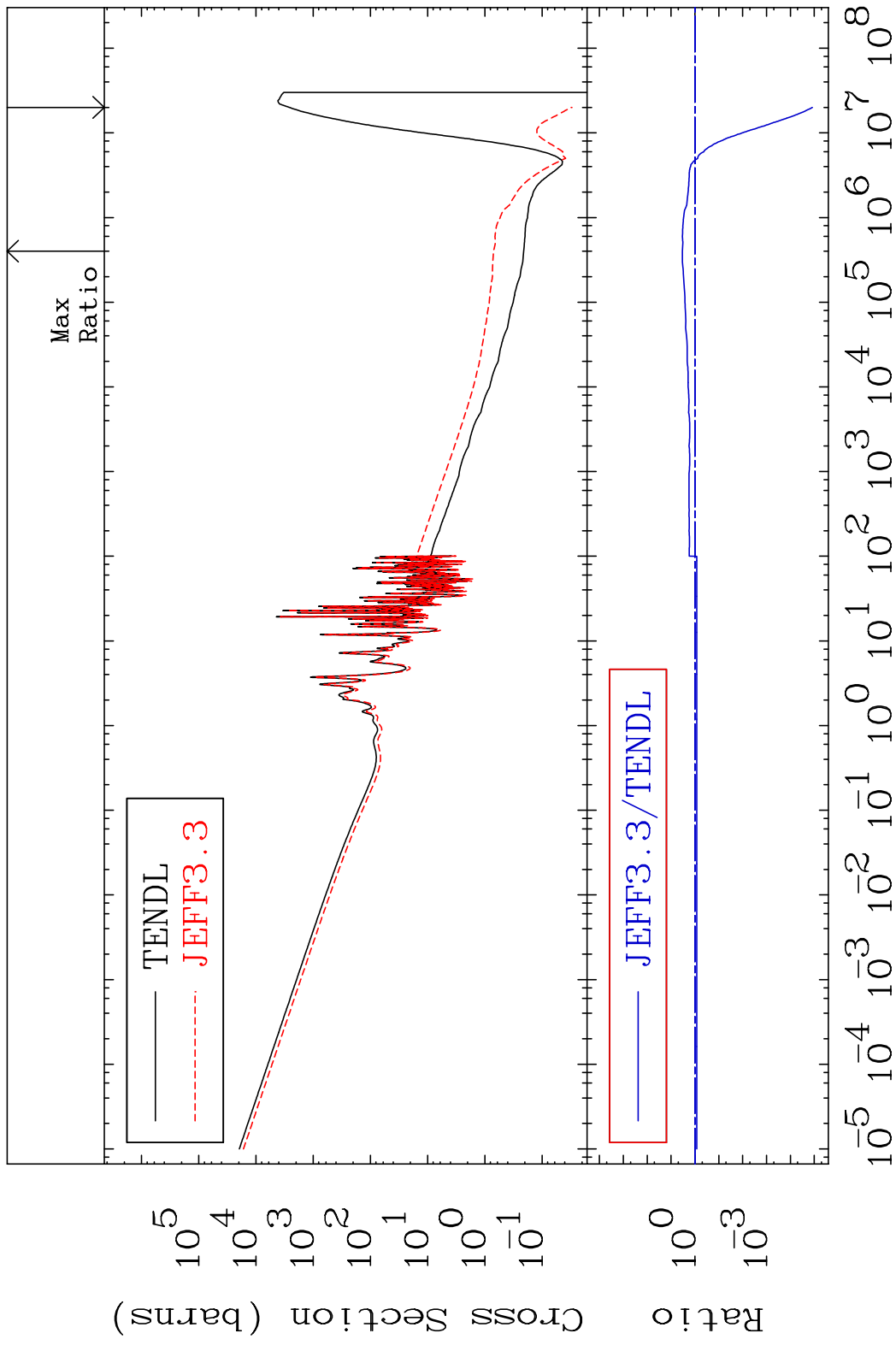
MAT 9634 Dpa elastic (mt2) 96-Cm-243
 Cross Section -29.01 To 8.830 %



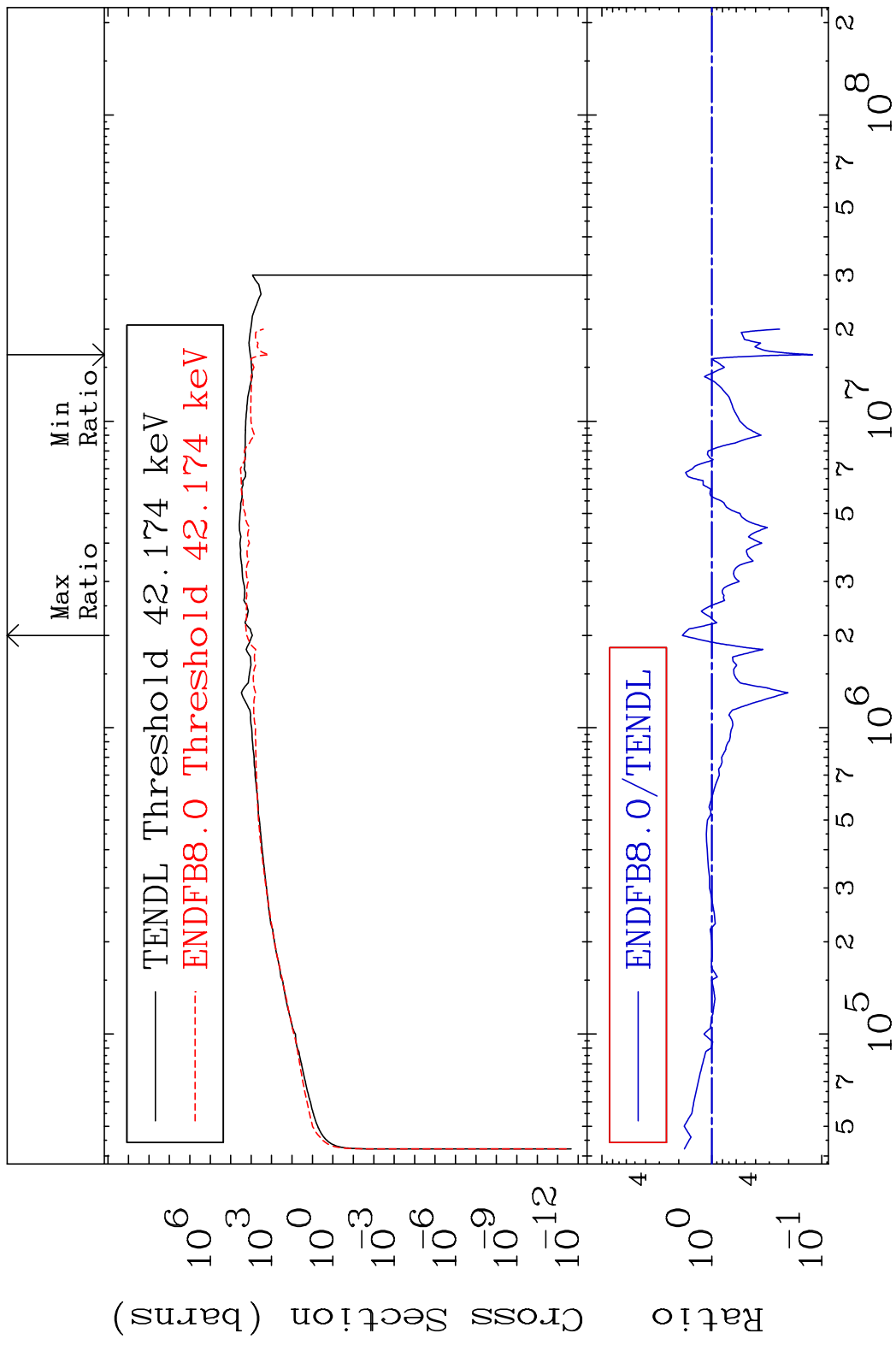
MAT 9634 Dpa inelastic (mt51-91) 96-Cm-243
 Cross Section -79.06 To 33.17 %



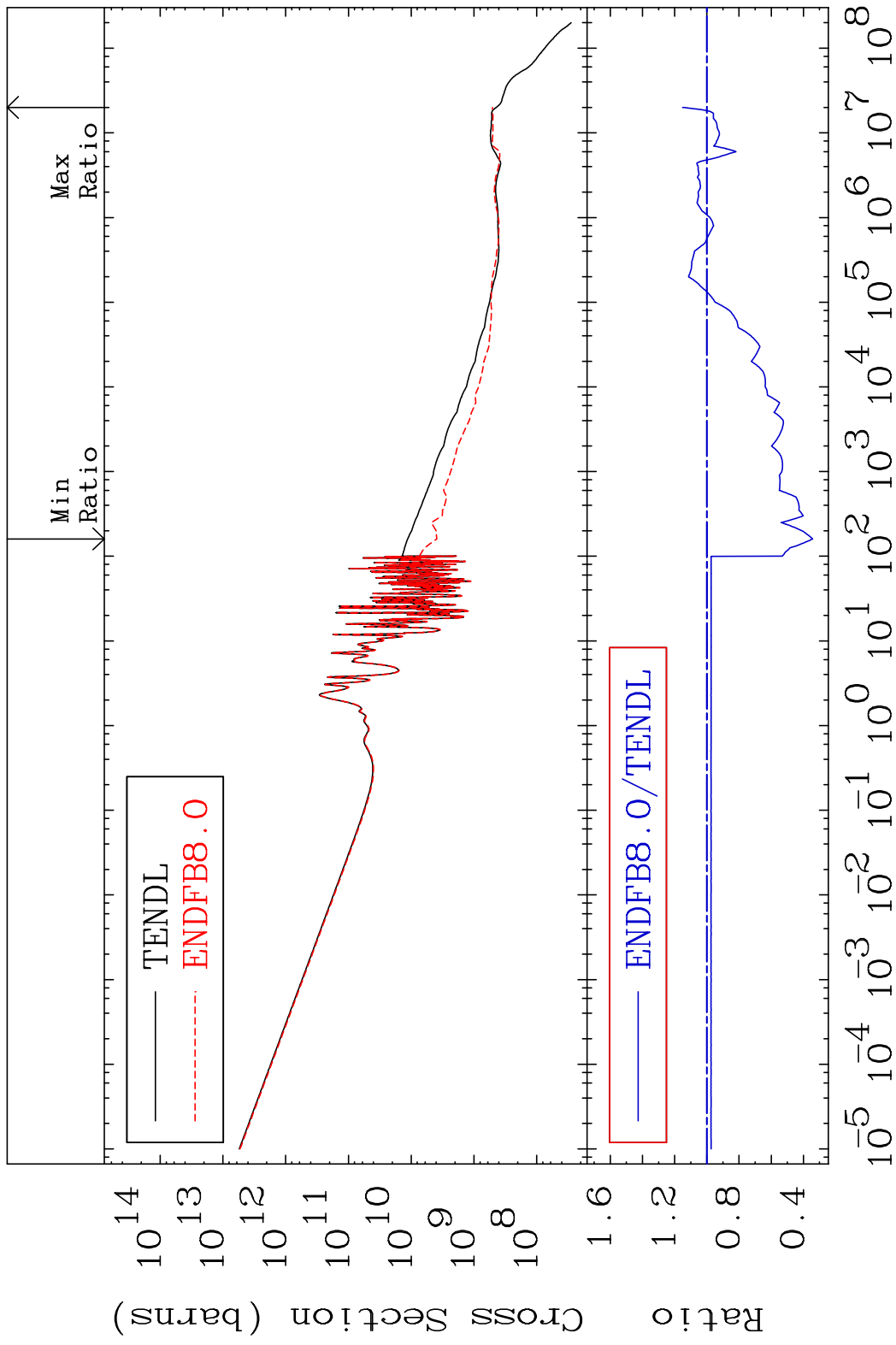
MAT 9634 Dpa disappearance (mt102 -120) 96-Cm-243
 Cross Section -100.0 To 237.4 %



MAT 9634 Kerma inelastic (mt51-91) 96-Cm-243
 Cross Section -87.85 To 85.61 %

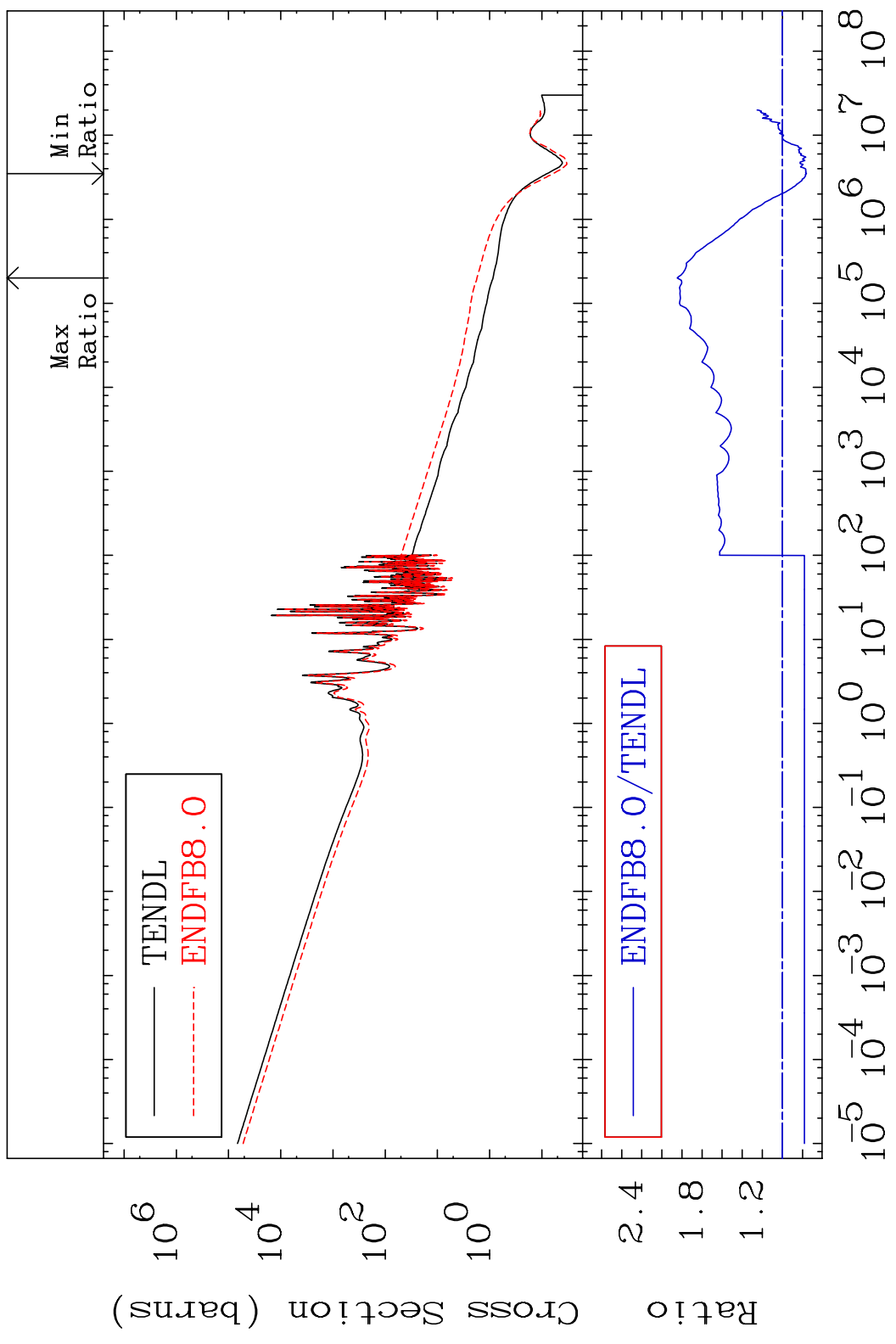


MAT 9634 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-243
 Cross Section -65.68 To 15.22 %

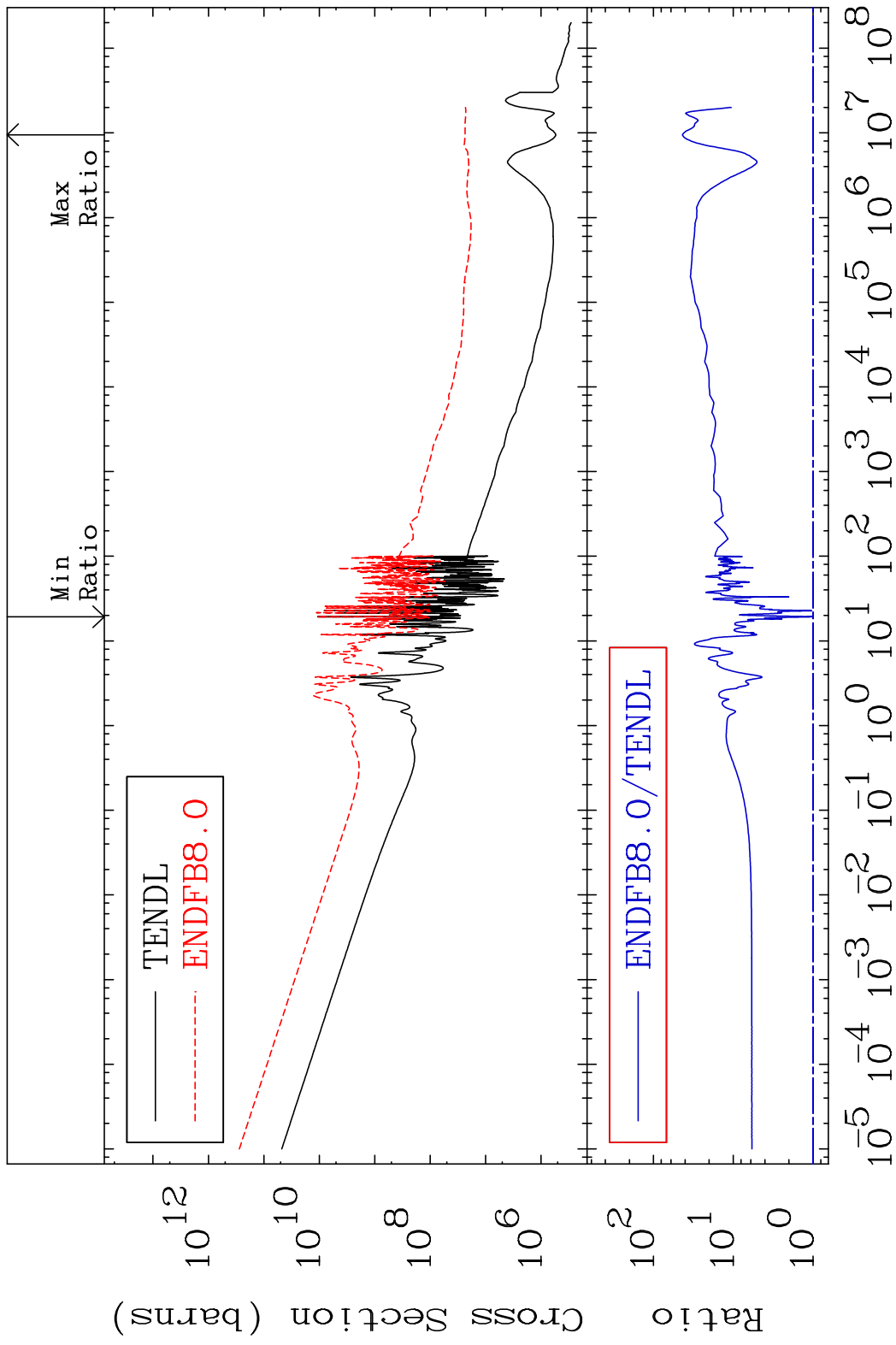


MAT 9634

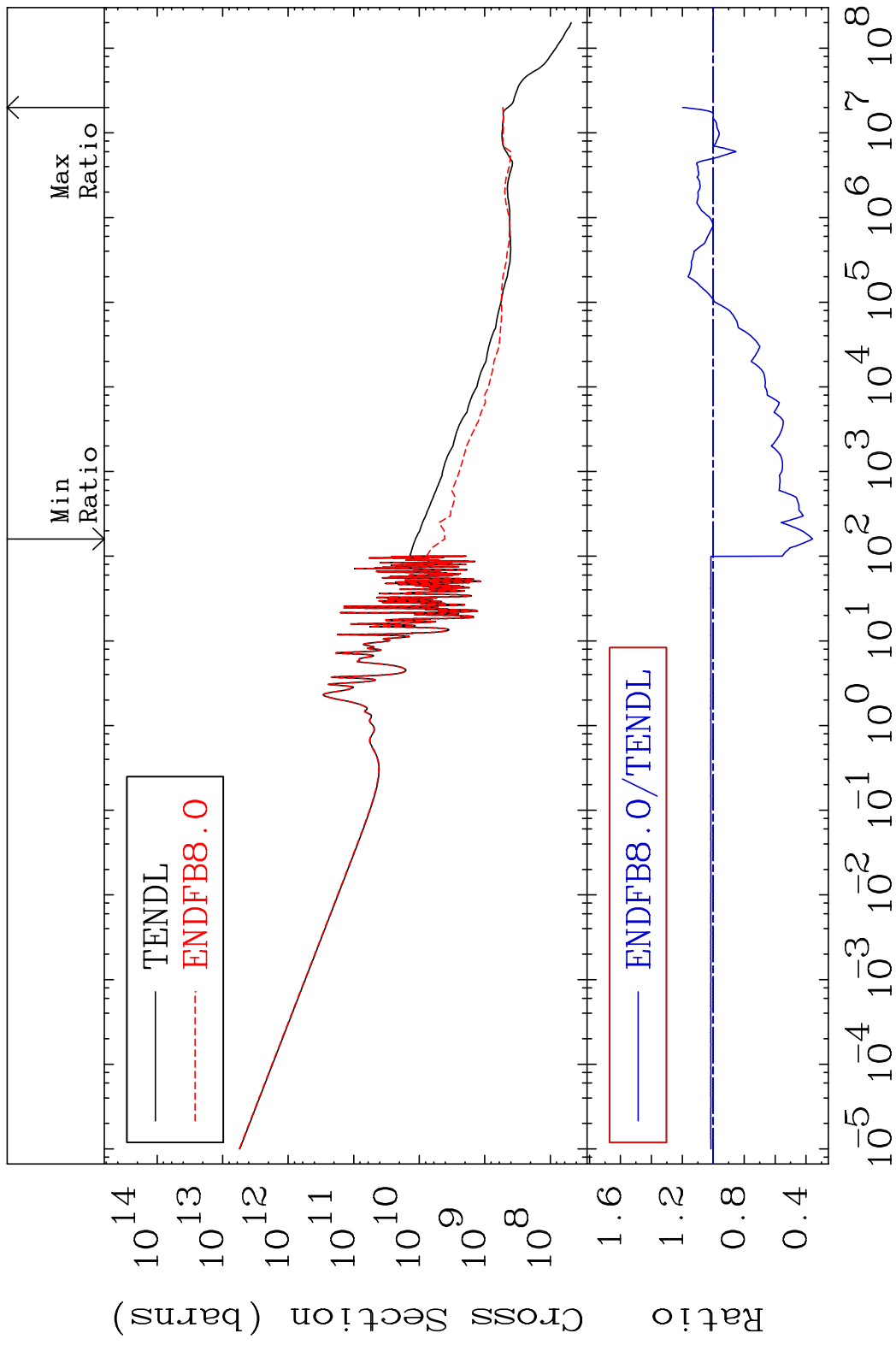
Kerma capture (mt102) 96-Cm-243
Cross Section -23.88 To 104.8 %



MAT 9634 Total photon (eV-barns) 96-Cm-243
 Cross Section 1.304 To 4236. %



MAT 9634 Total kinematic kerma (high limit) 96-Cm-243
 Cross Section -64.20 To 19.99 %



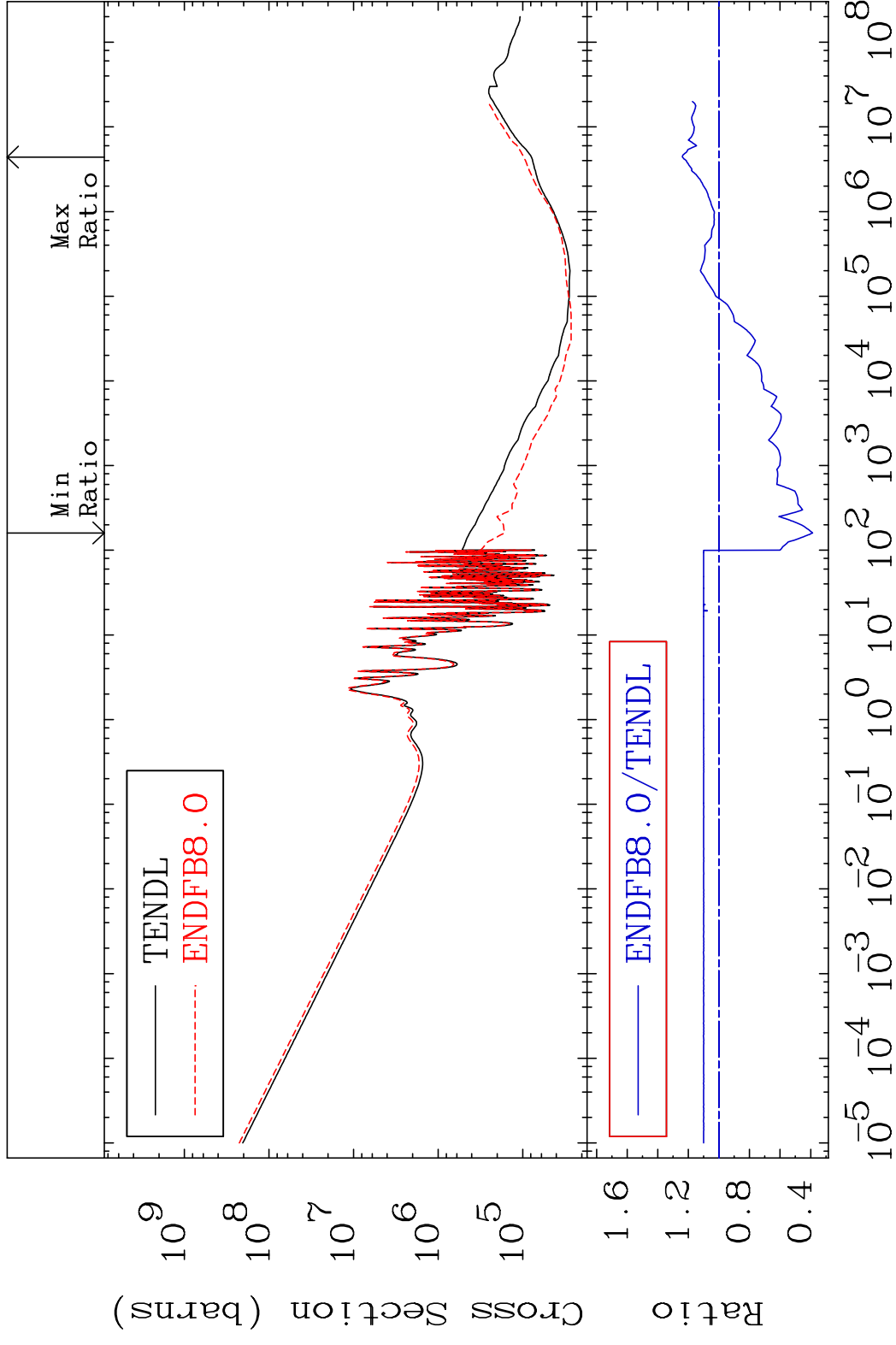
30 Incident Energy (eV) 96-Cm-243

MAT 9634

Dpa total (eV-barns)

96-Cm-243

Cross Section -61.23 To 23.91 %

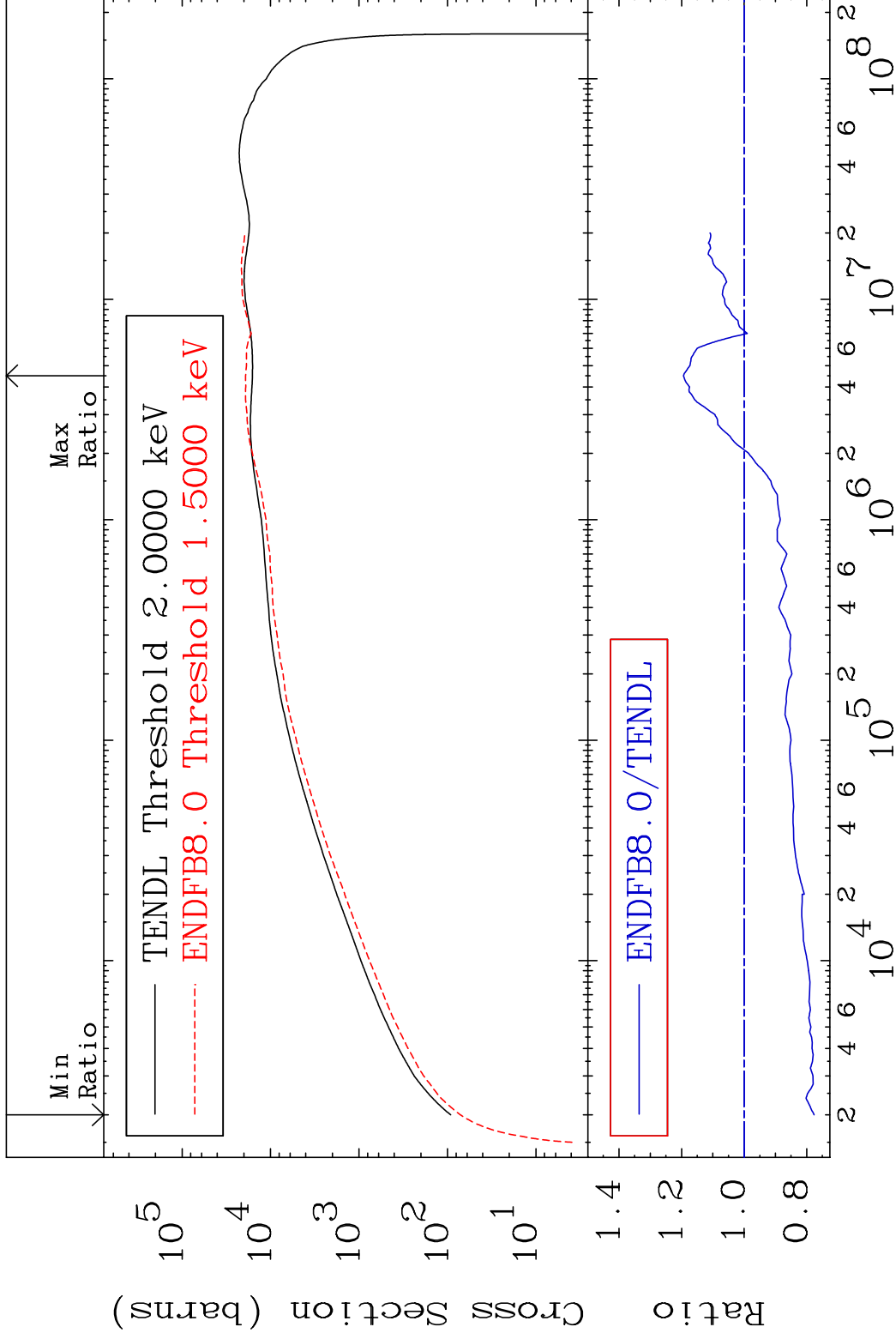


MAT 9634

Dpa elastic (mt2)

96-Cm-243

Cross Section -22.33 To 19.39 %

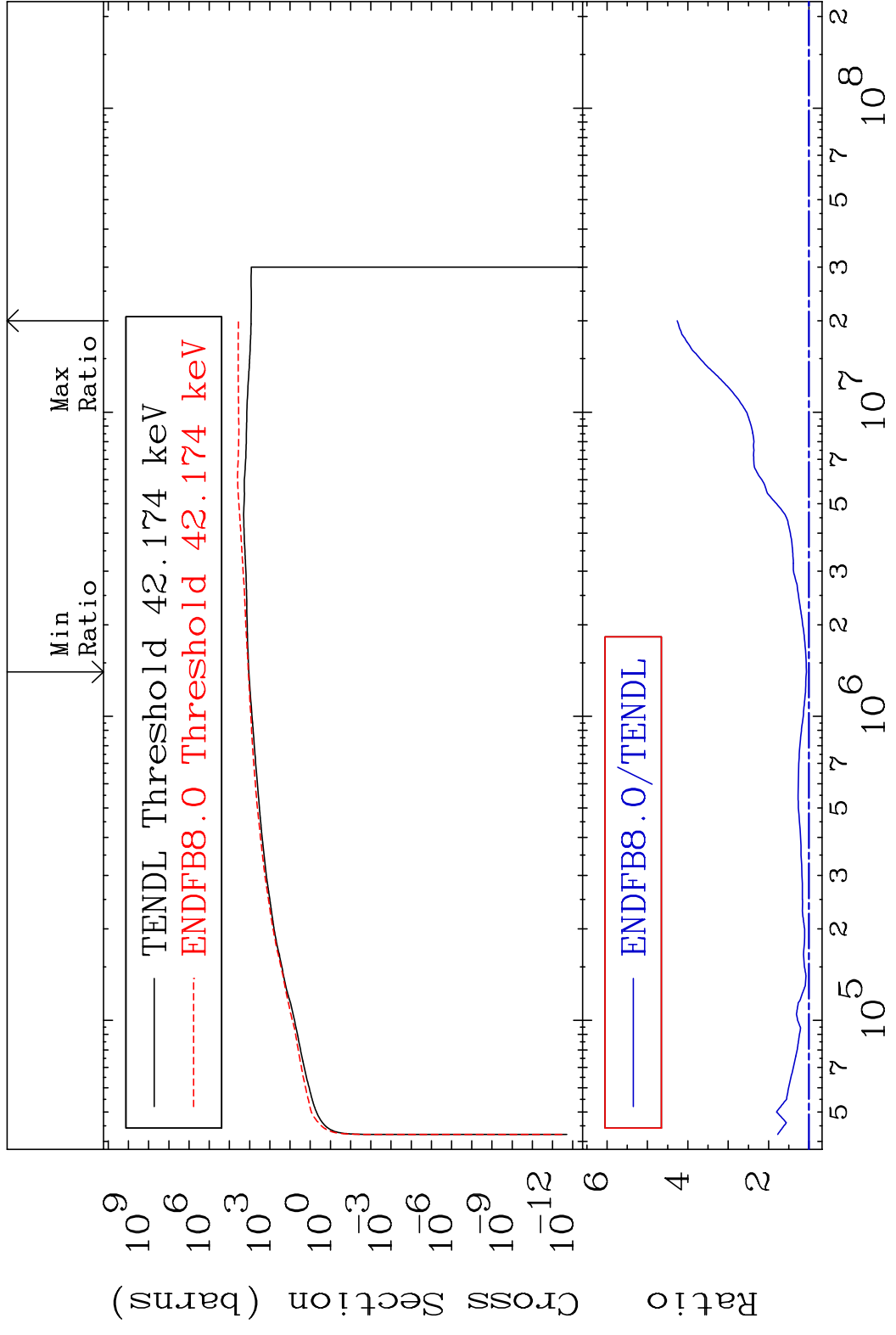


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Incident Energy (eV)

96-Cm-243

MAT 9634 Dpa inelastic (mt51-91) 96-Cm-243
 Cross Section 6.550 To 326.3 %



MAT 9634 Dpa disappearance (mt102 -120) 96-Cm-243
 Cross Section -100.0 To 63.15 %

