

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

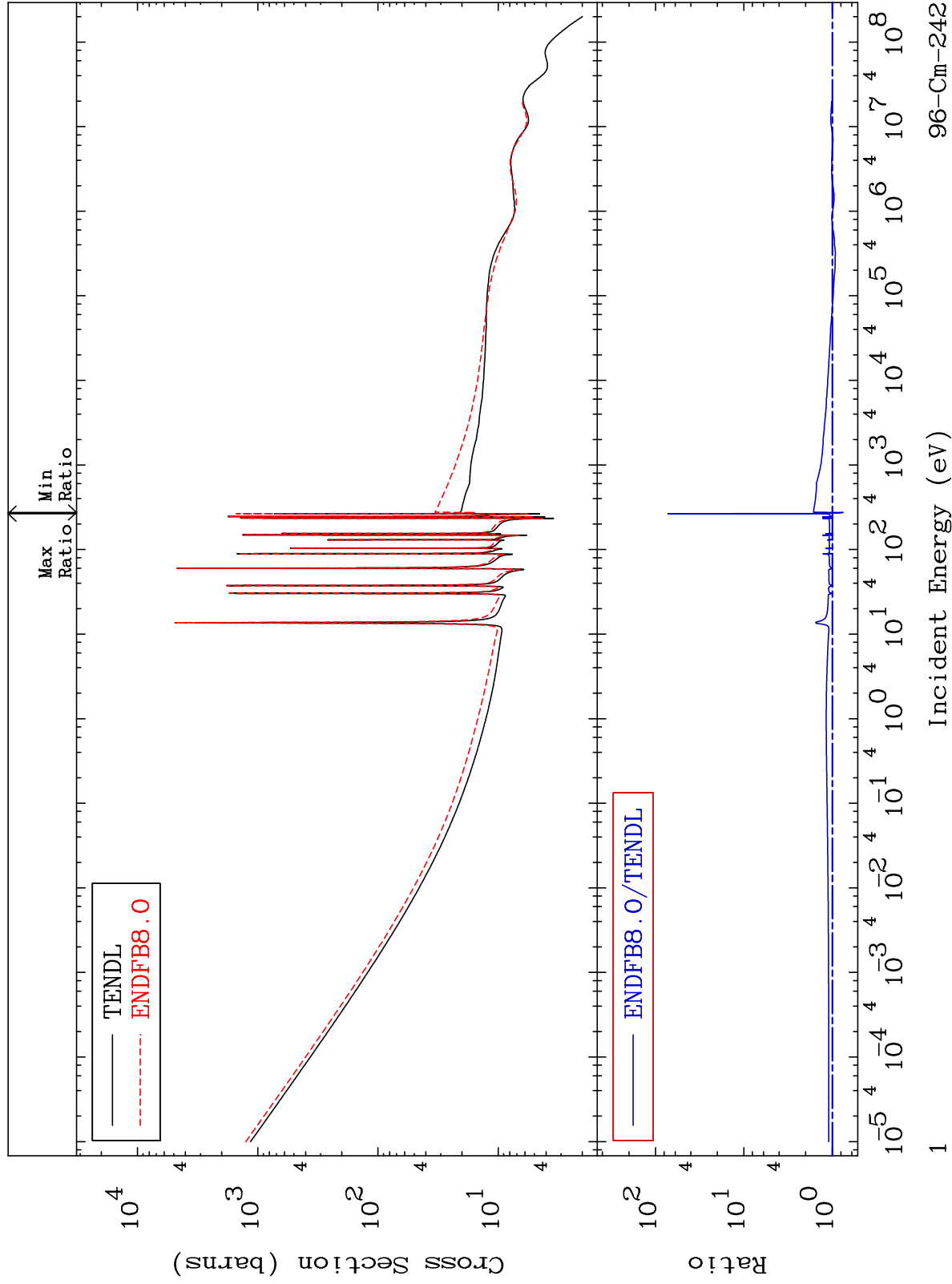
MAT 9631

Total

96-Cm-242

Cross Section

-24.17 To 7129. %



96-Cm-242

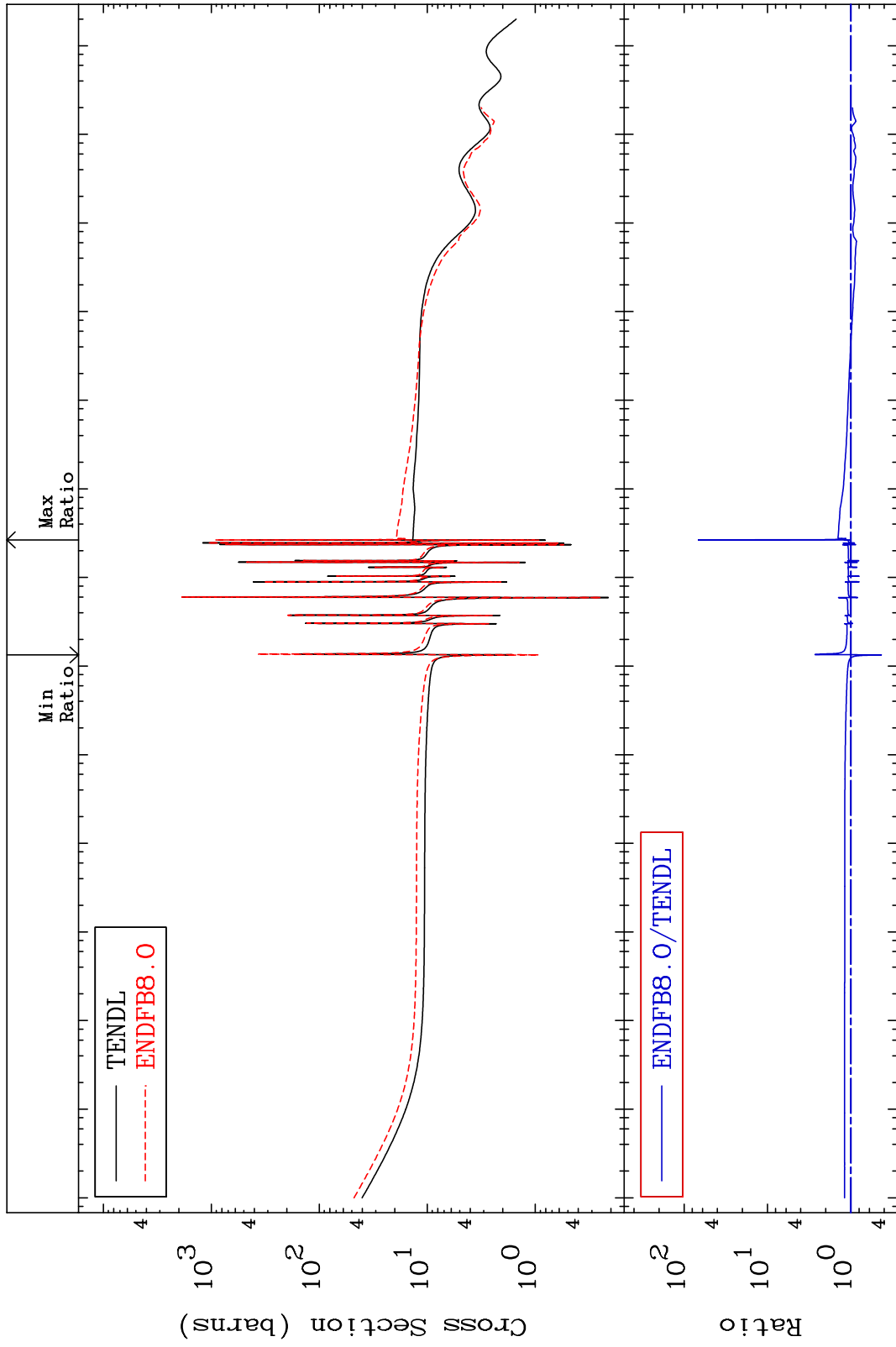
MAT 9631

Elastic

96-Cm-242

Cross Section

-57.06 To 6649. %

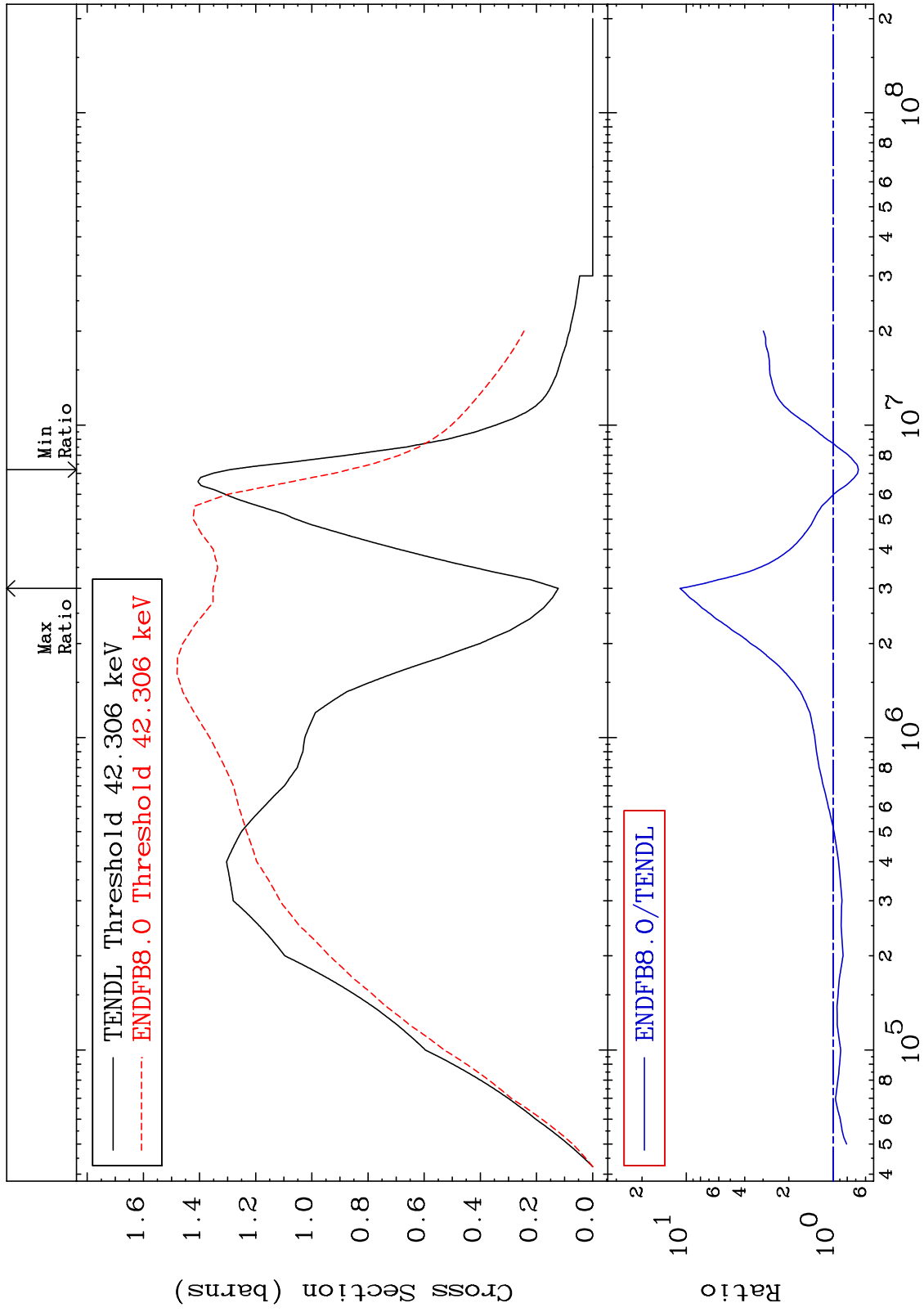


Incident Energy (eV) 96-Cm-242

MAT 9631

Inelastic Cross Section

96-Cm-242
-32.83 To 1003. %



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Incident Energy (eV)

96-Cm-242

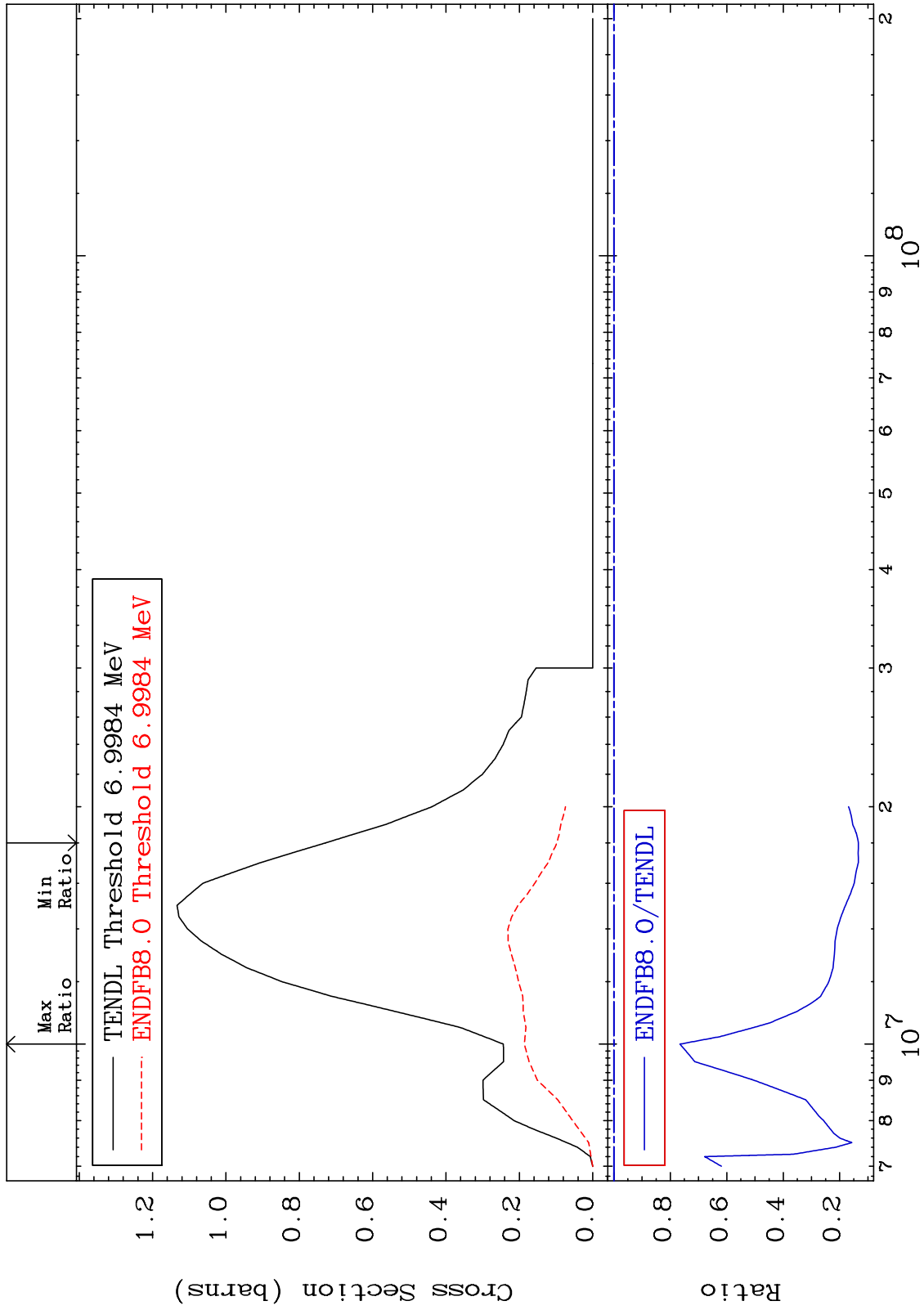
MAT 9631

(n,2n)

96-Cm-242

Cross Section

-86.62 To -23.45%



4

Incident Energy (eV)

96-Cm-242

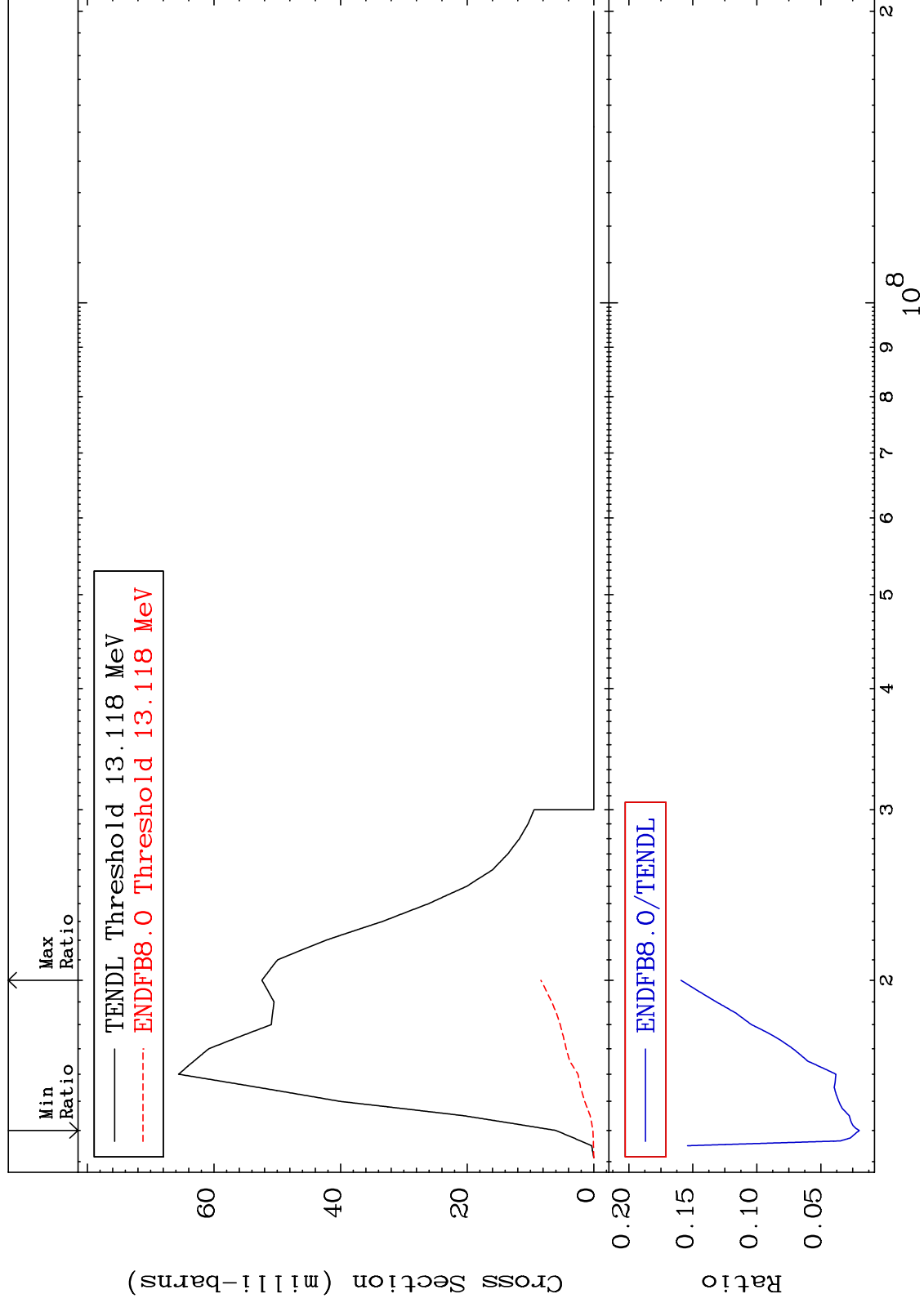
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(n,3n)

96-Cm-242

Cross Section

-98.01 To -84.08%



5

Incident Energy (eV)

96-Cm-242

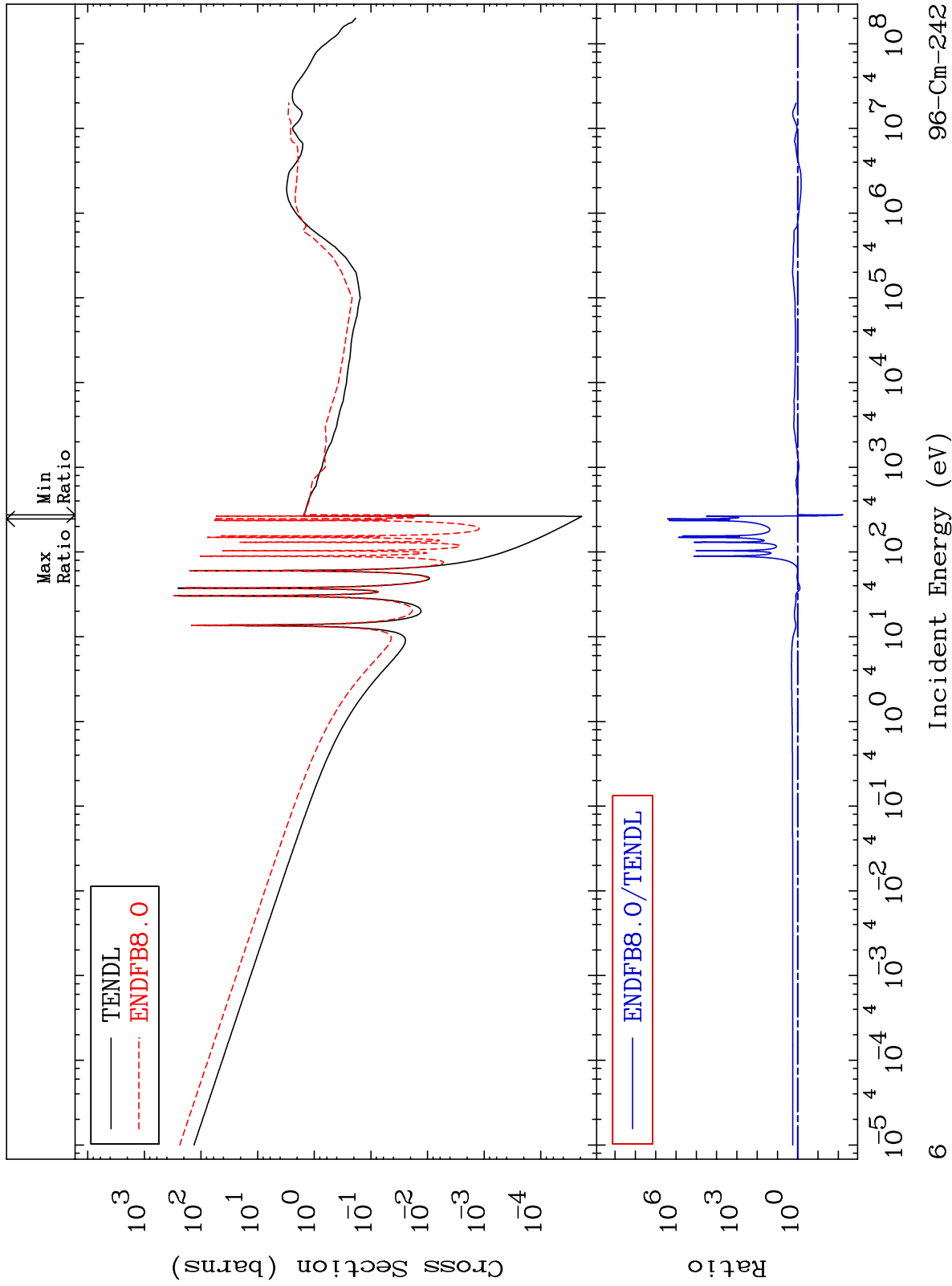
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Fission

96-Cm-242

Cross Section

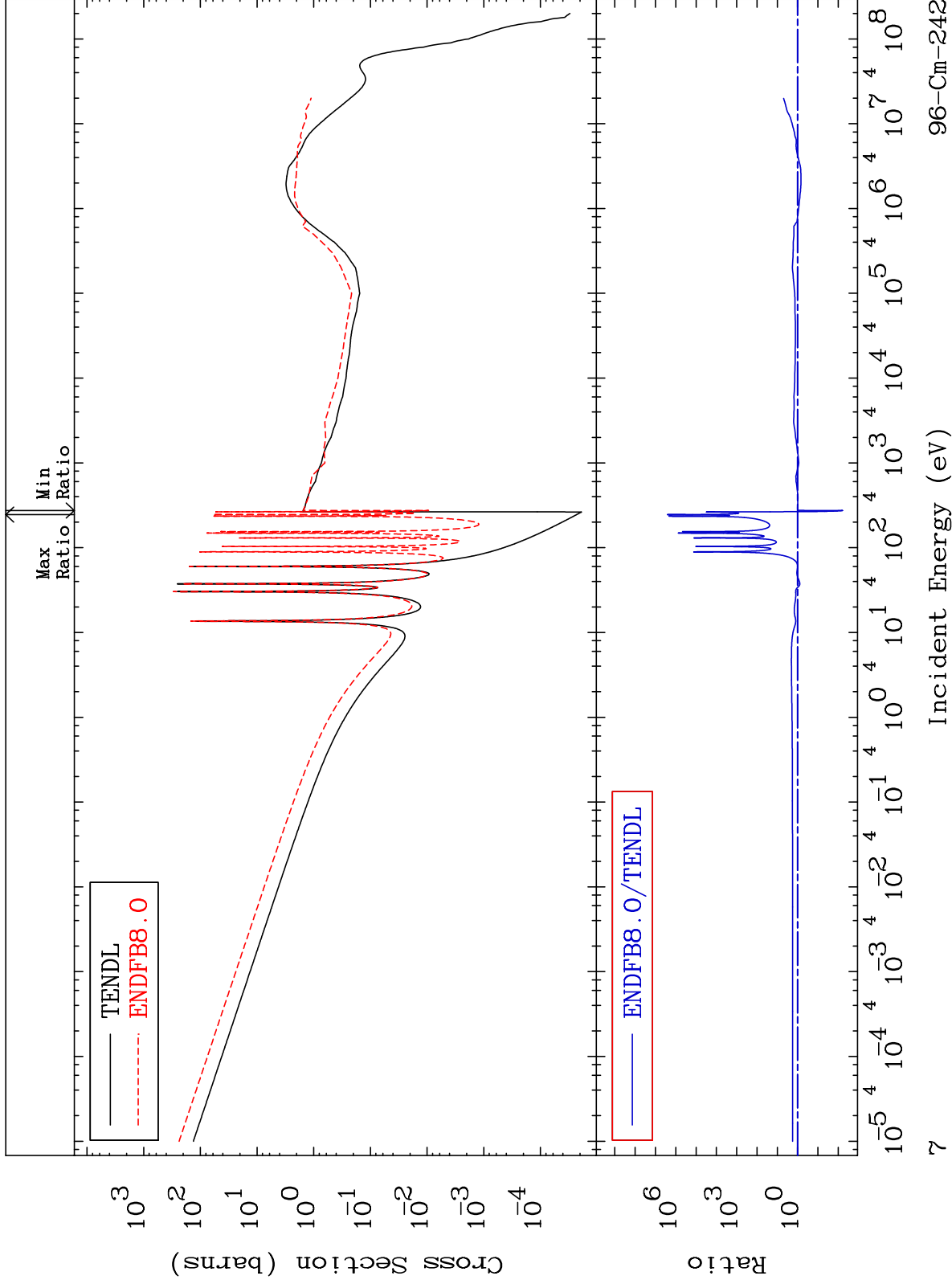
-99.39 To 9999. %



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(n,f) First Chance
Cross Section

96-Cm-242
-99.39 To 9999. %



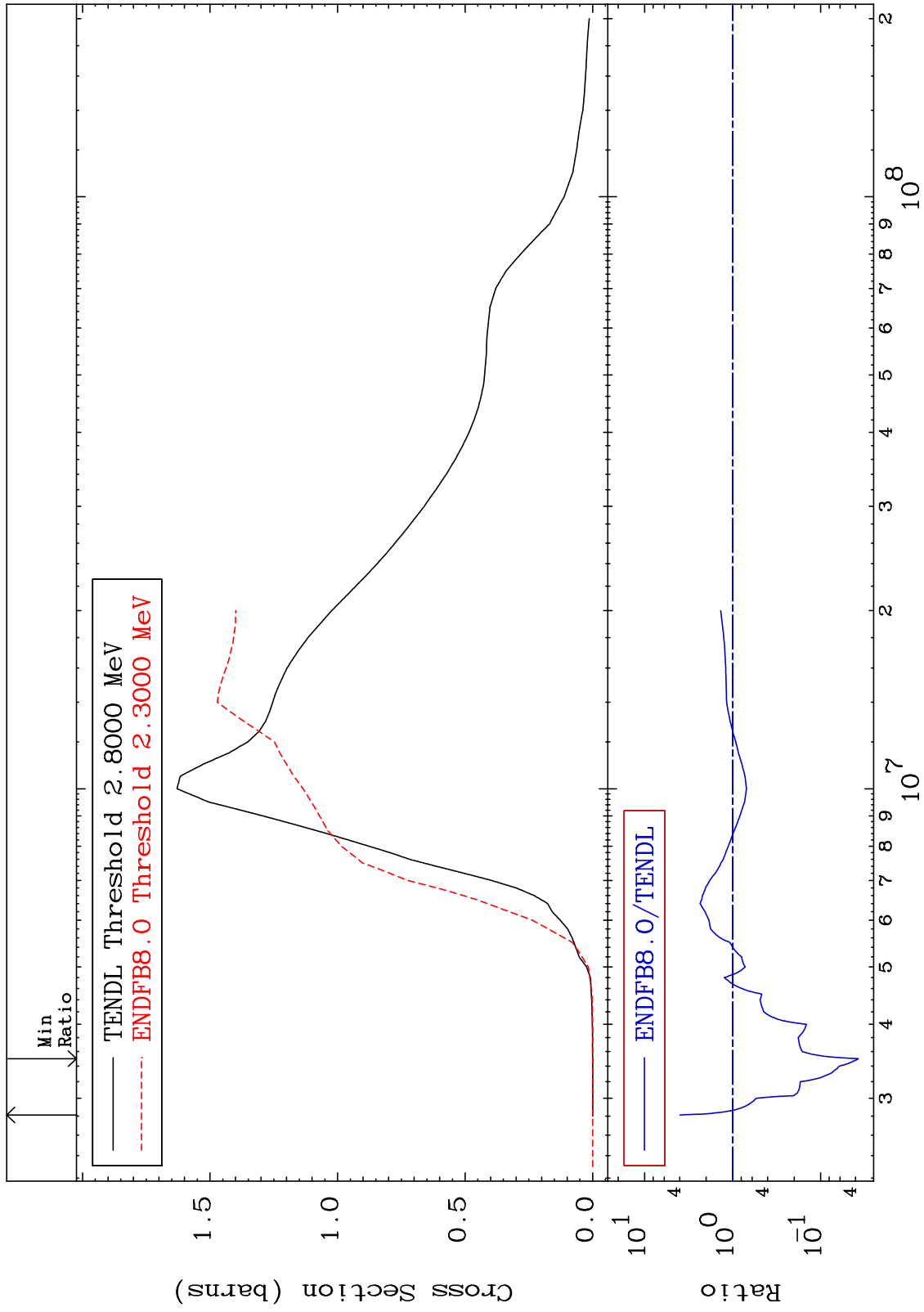
96-Cm-242

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(n, nf) Second Chance
Cross Section

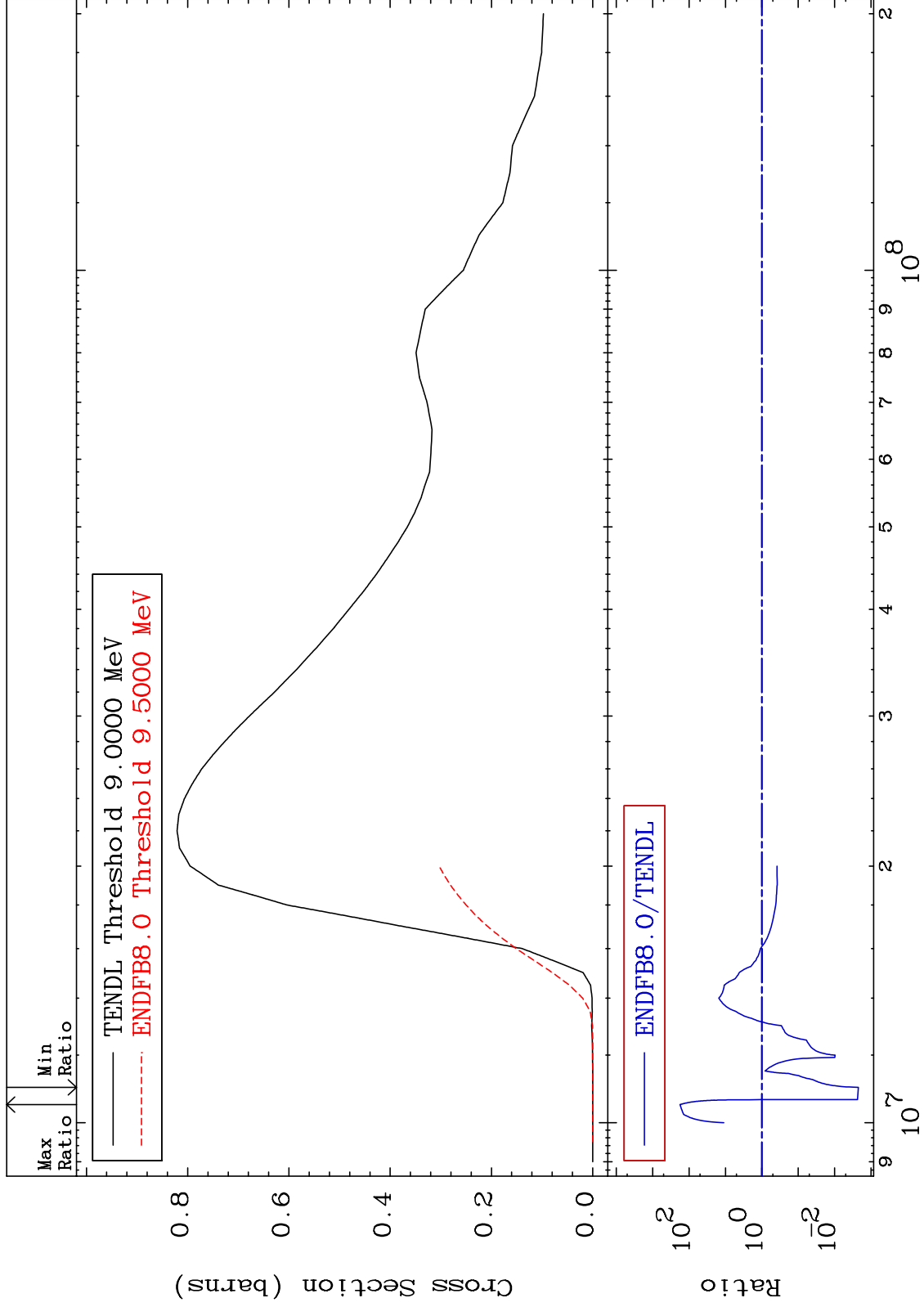
96-Cm-242
-96.28 To 296.5 %



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(n,2nf) Third Chance
Cross Section

96-Cm-242
-99.78 To 9999. %



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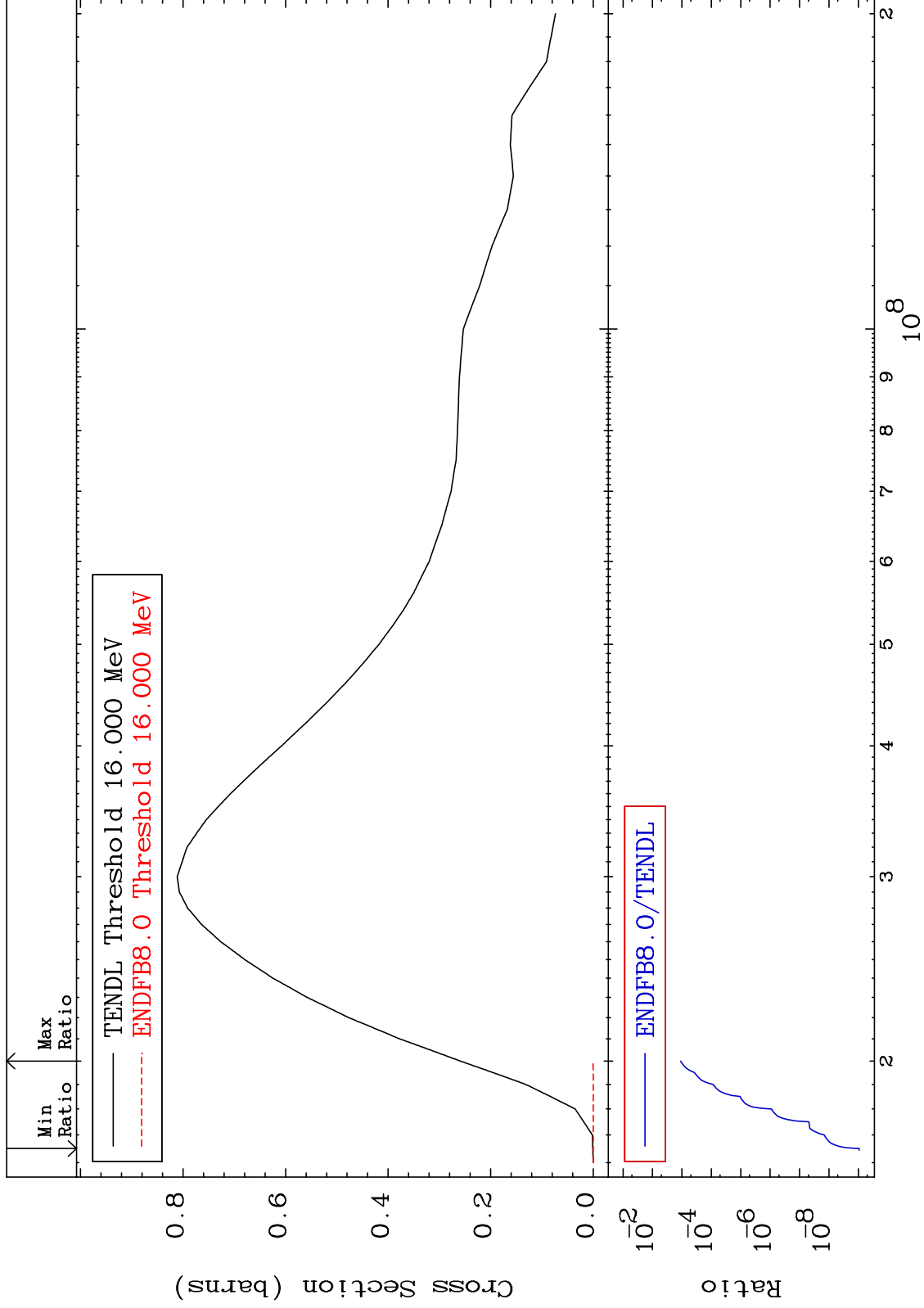
Incident Energy (eV)

96-Cm-242

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(n,3nf) Fourth Chance
Cross Section

96-Cm-242
-100.0 To -99.89%



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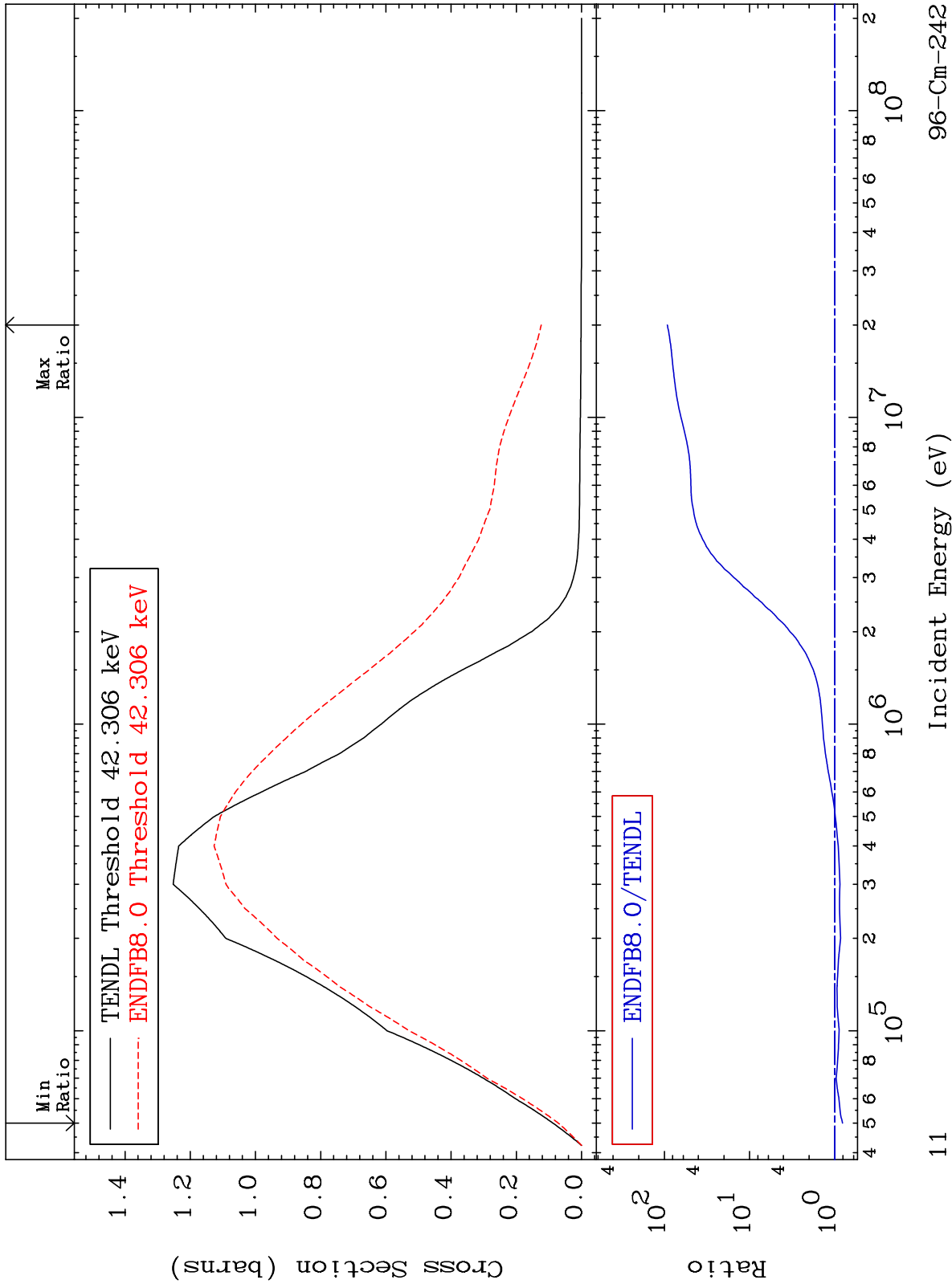
Incident Energy (eV)

96-Cm-242

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

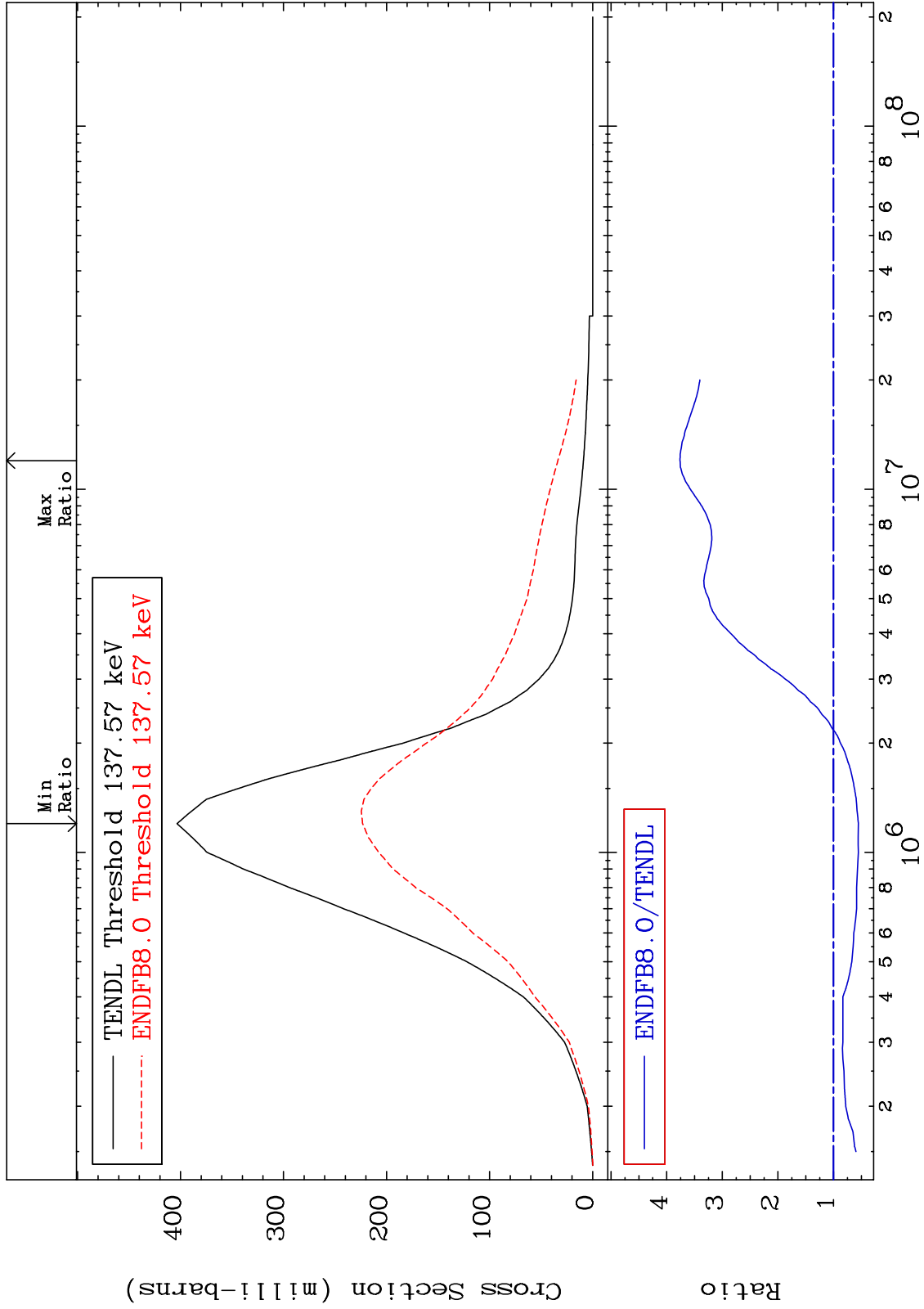
96-Cm-242
-19.09 To 9145. %



MAT 9631

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

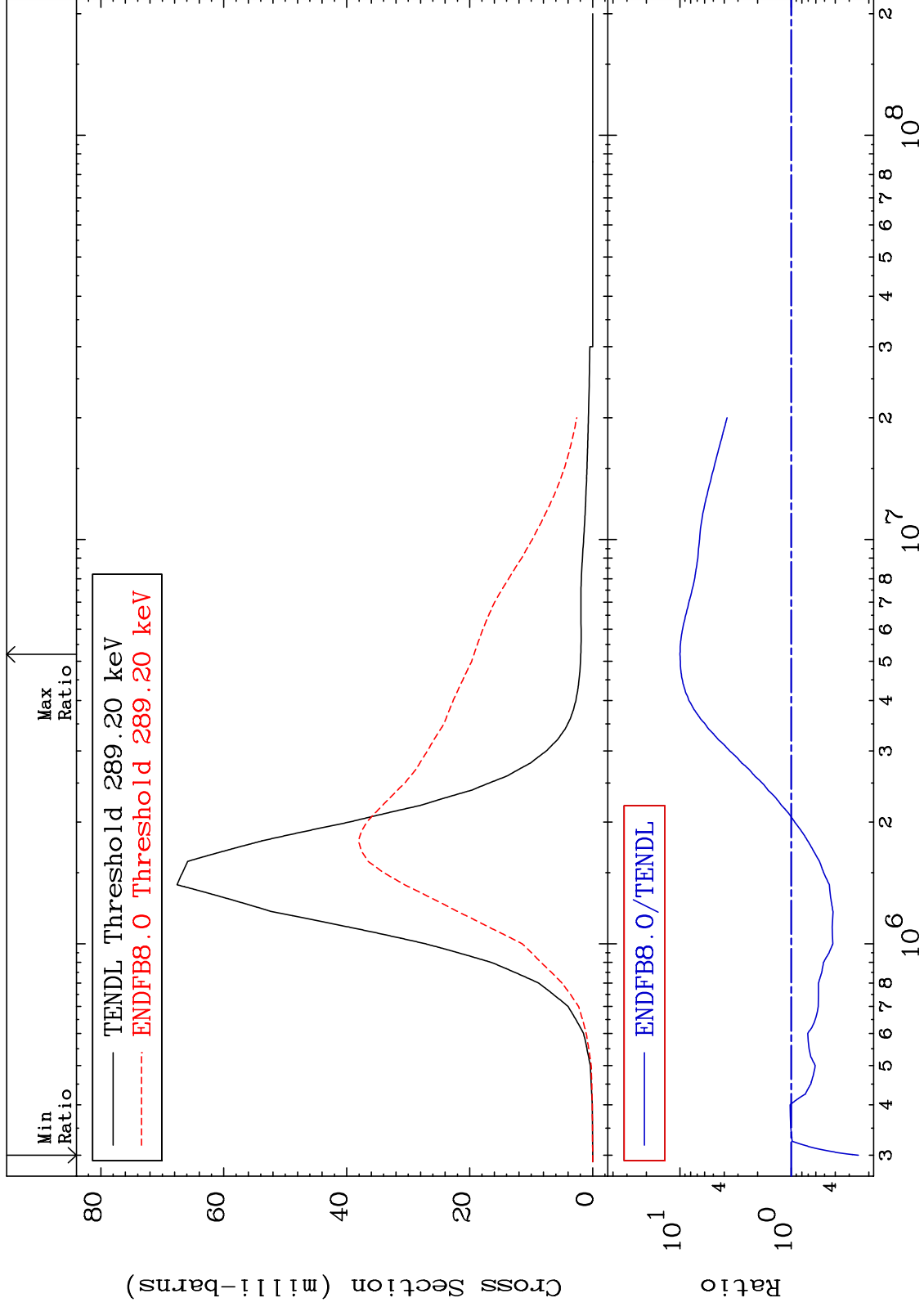
96-Cm-242
-44.64 To 276.1 %



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

96-Cm-242
-75.20 To 897.5 %



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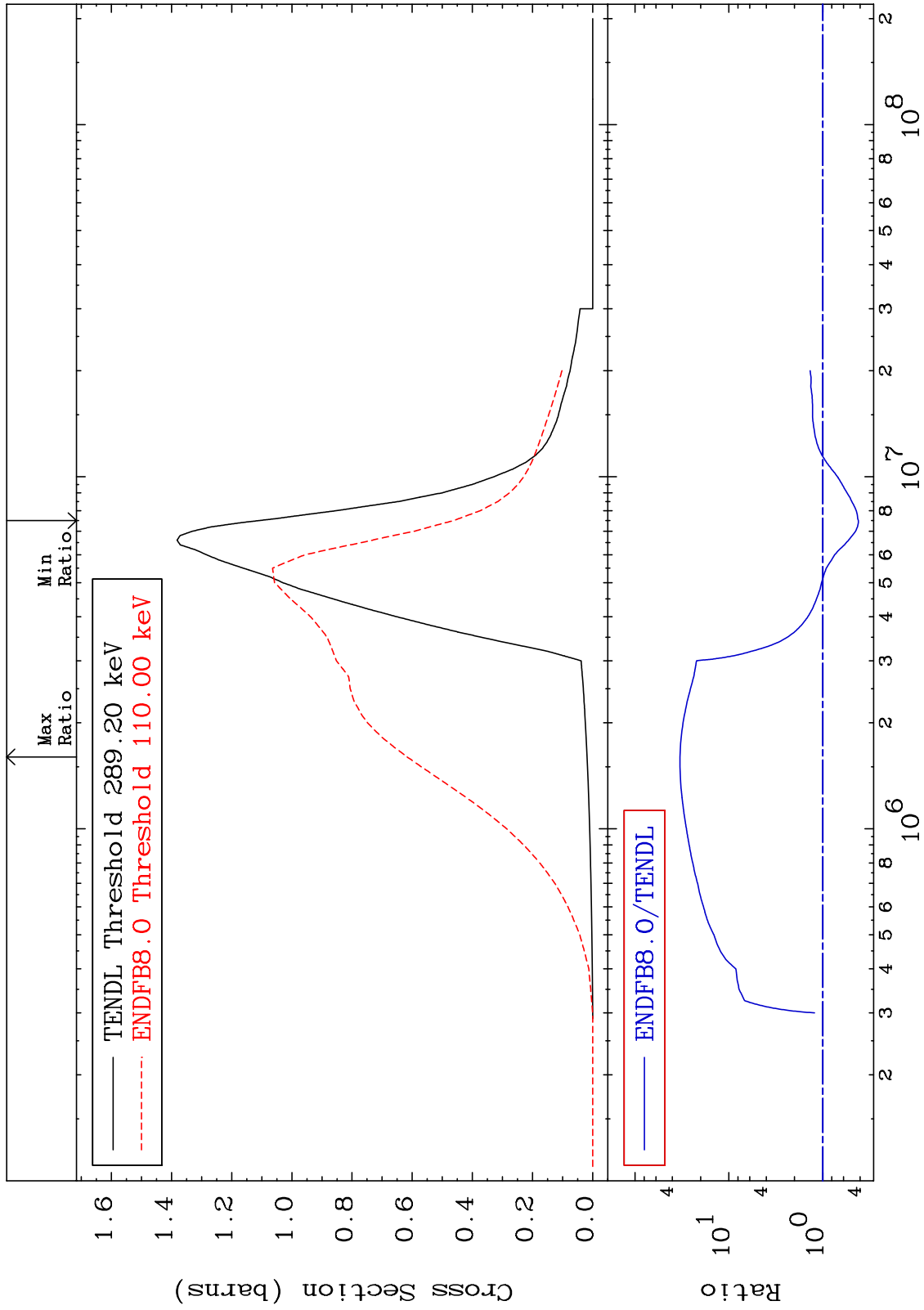
Incident Energy (eV)

96-Cm-242

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(n,n') Continuum
Cross Section

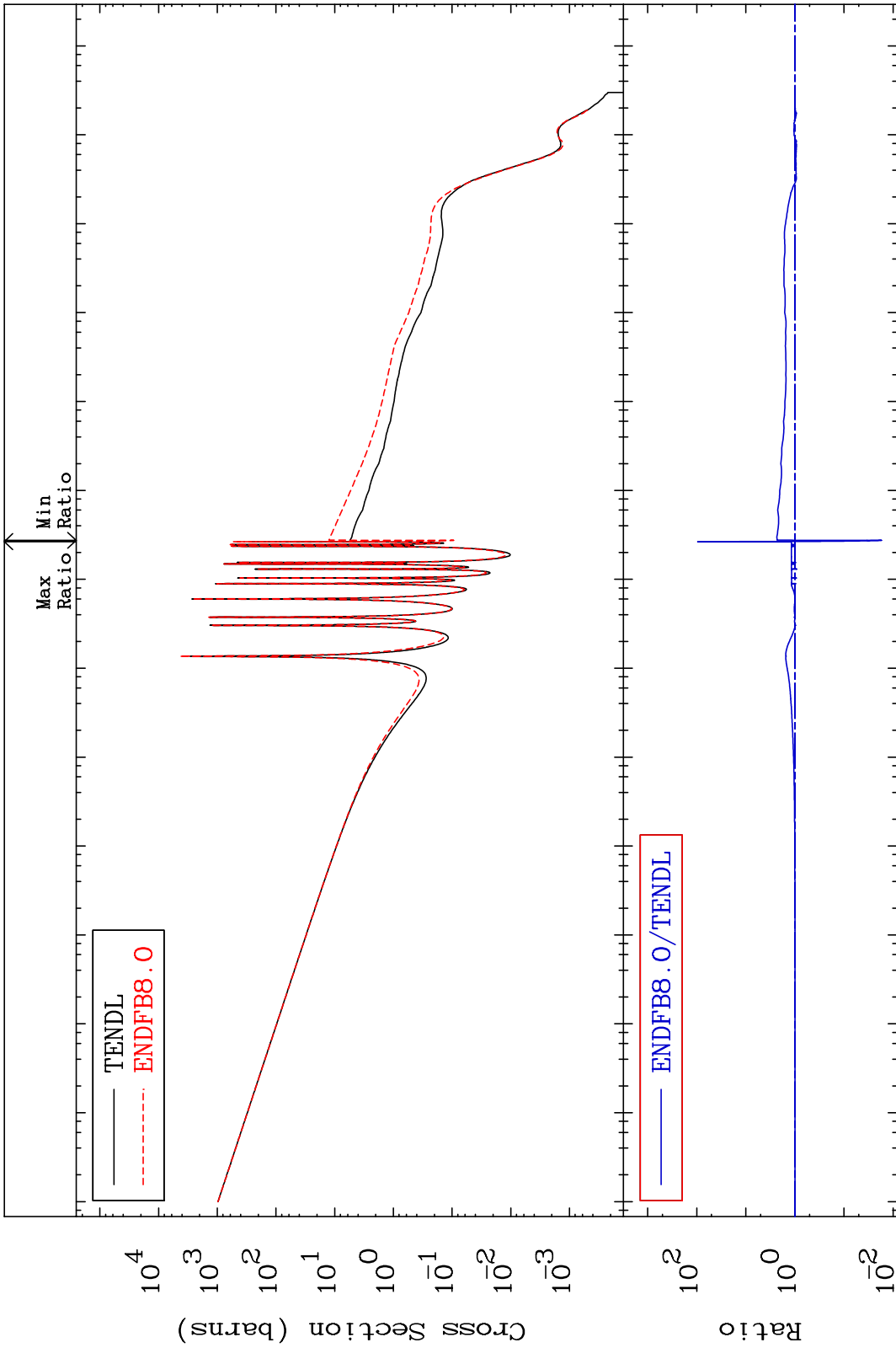
96-Cm-242
-58.36 To 3218. %



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(n, γ)
Cross Section

96-Cm-242
-98.28 To 9406. %



Incident Energy (eV)

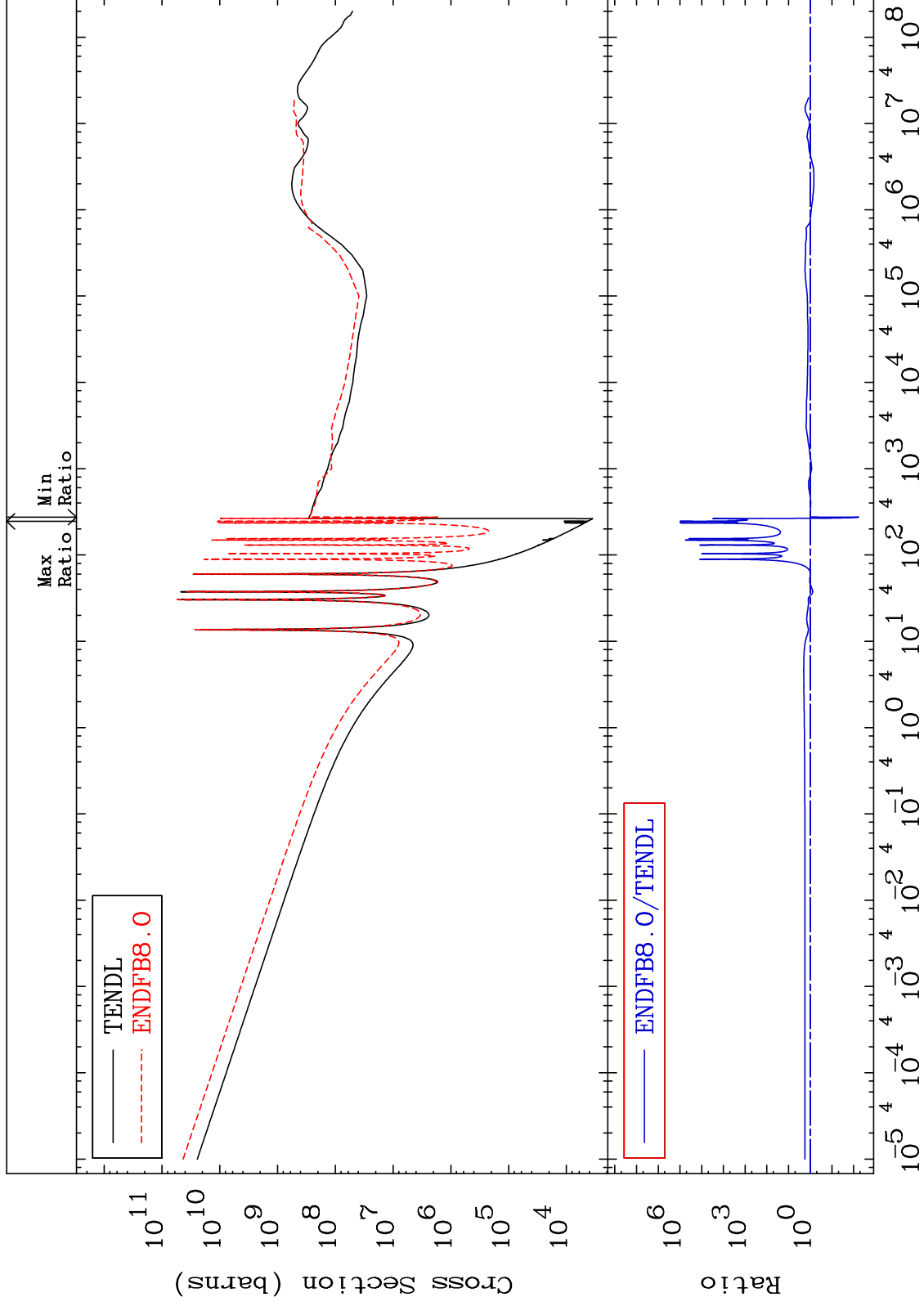
96-Cm-242

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Kerma total (eV-barns)
Cross Section

96-Cm-242
-99.40 To 9999. %



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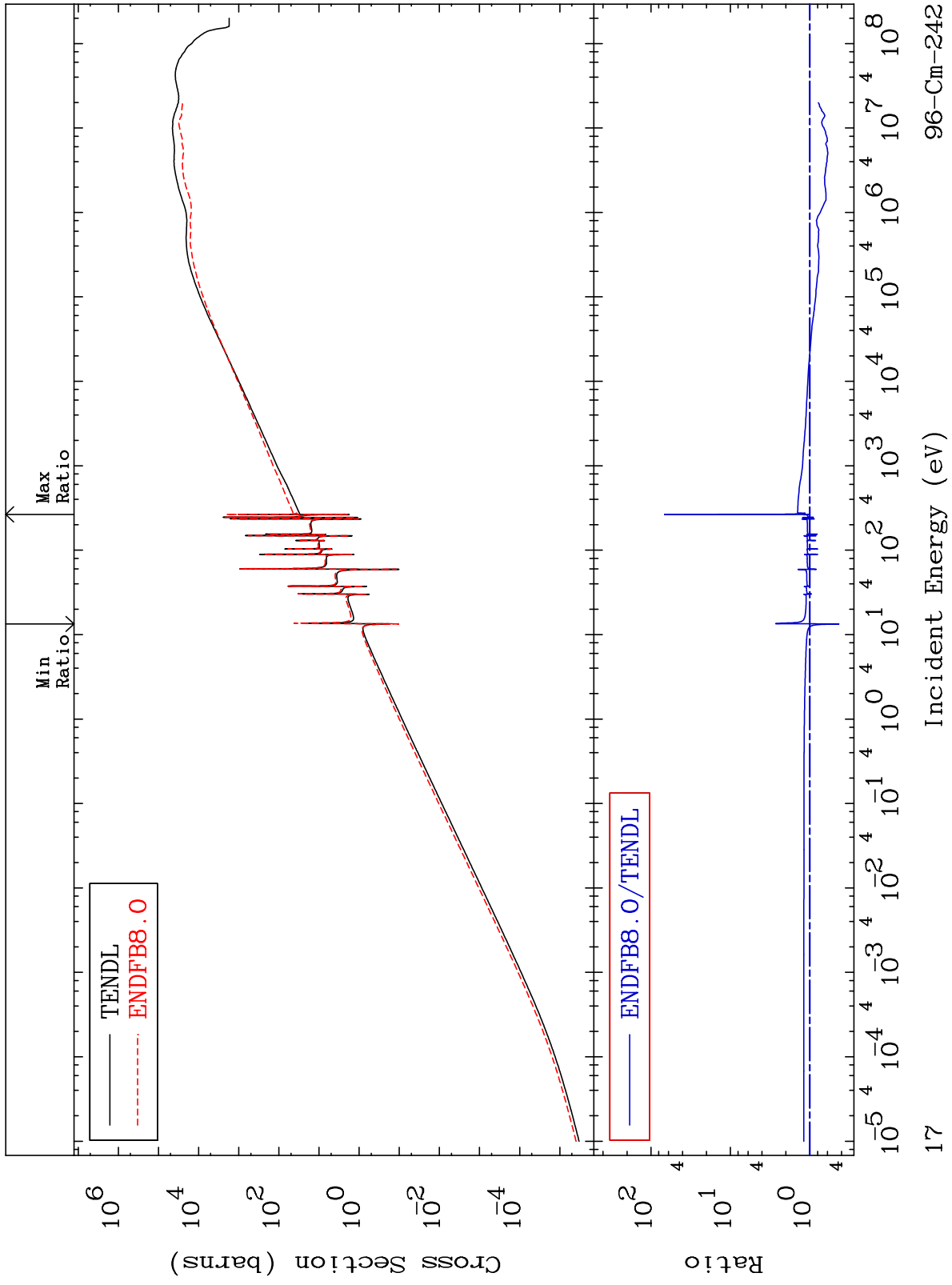
Incident Energy (eV)

96-Cm-242

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Kerma elastic
Cross Section

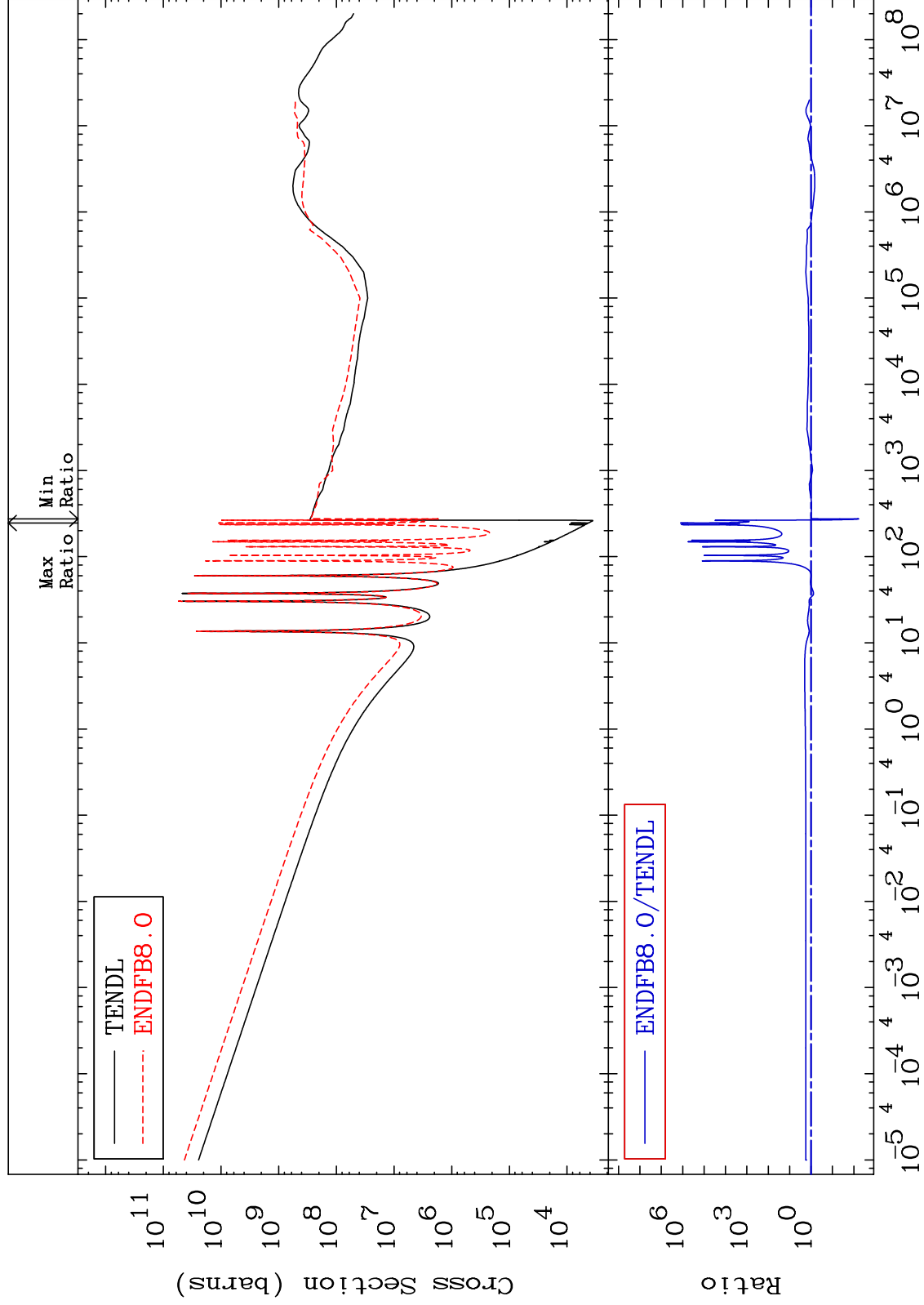
96-Cm-242
-57.06 To 6647. %



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Kerma non-elastic (all but mt2)
Cross Section

96-Cm-242
-99.40 To 9999. %



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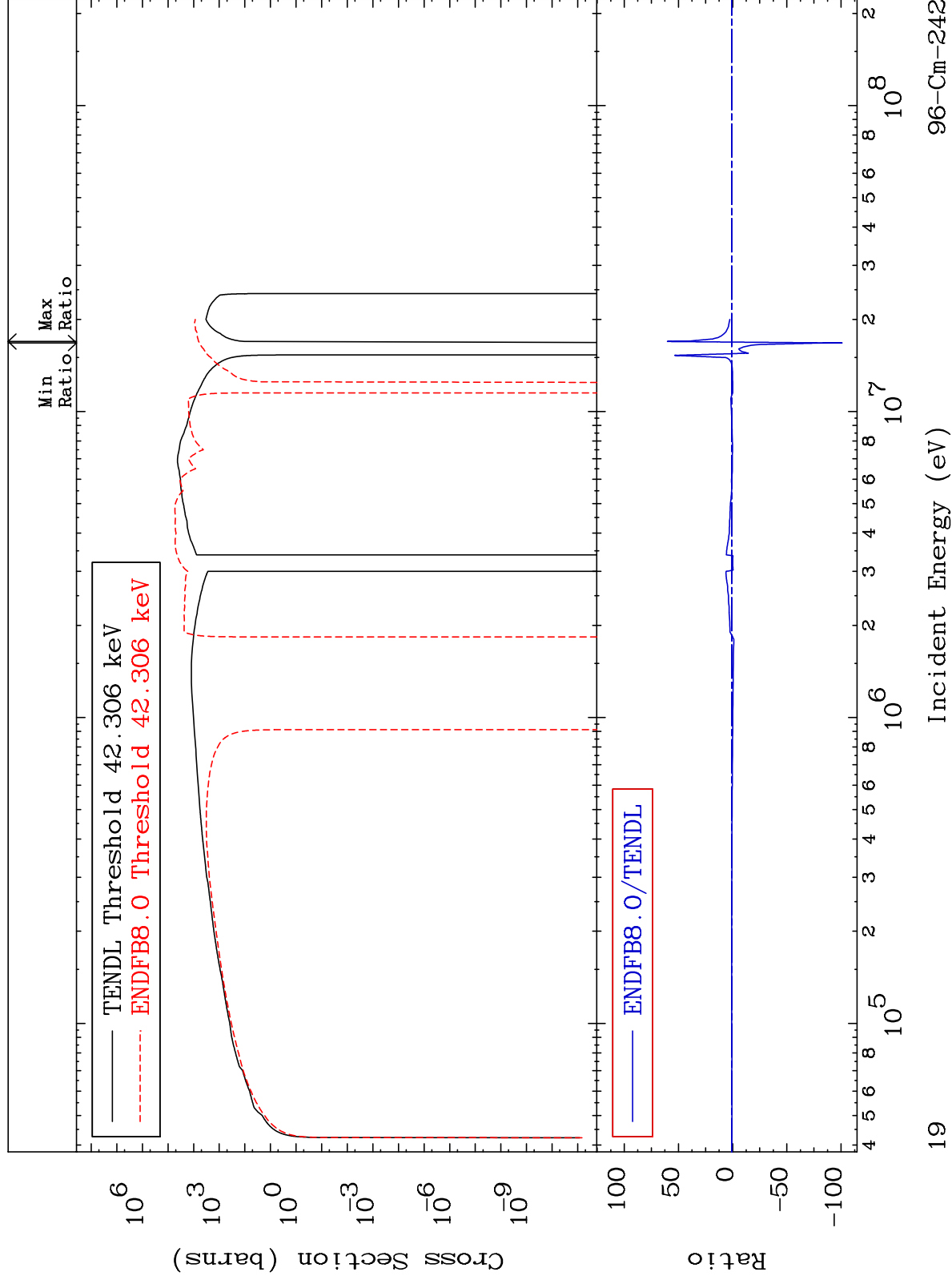
Incident Energy (eV)

96-Cm-242

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Kerma inelastic (mt51-91)
Cross Section

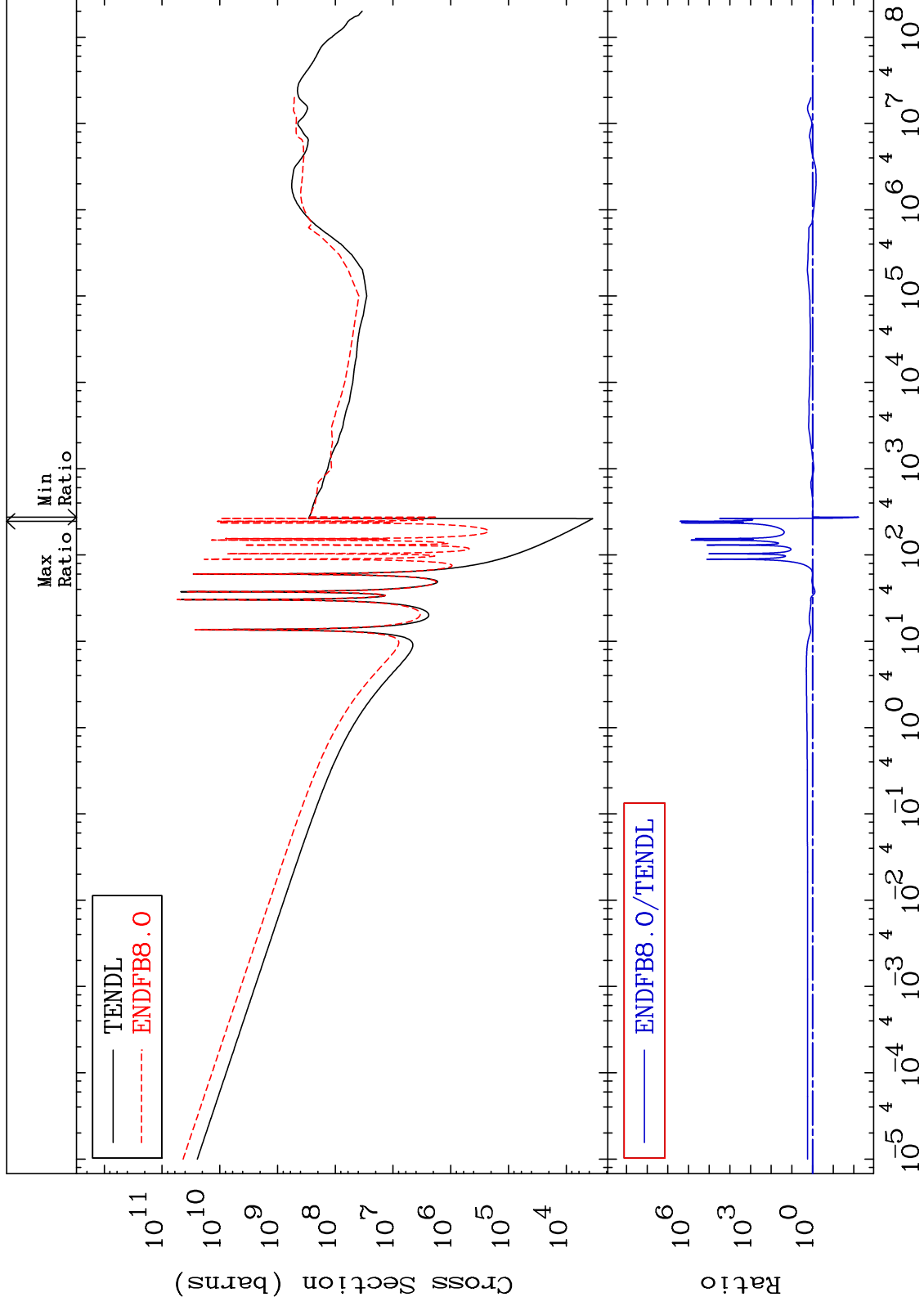
96-Cm-242
-9999. To 5915. %



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

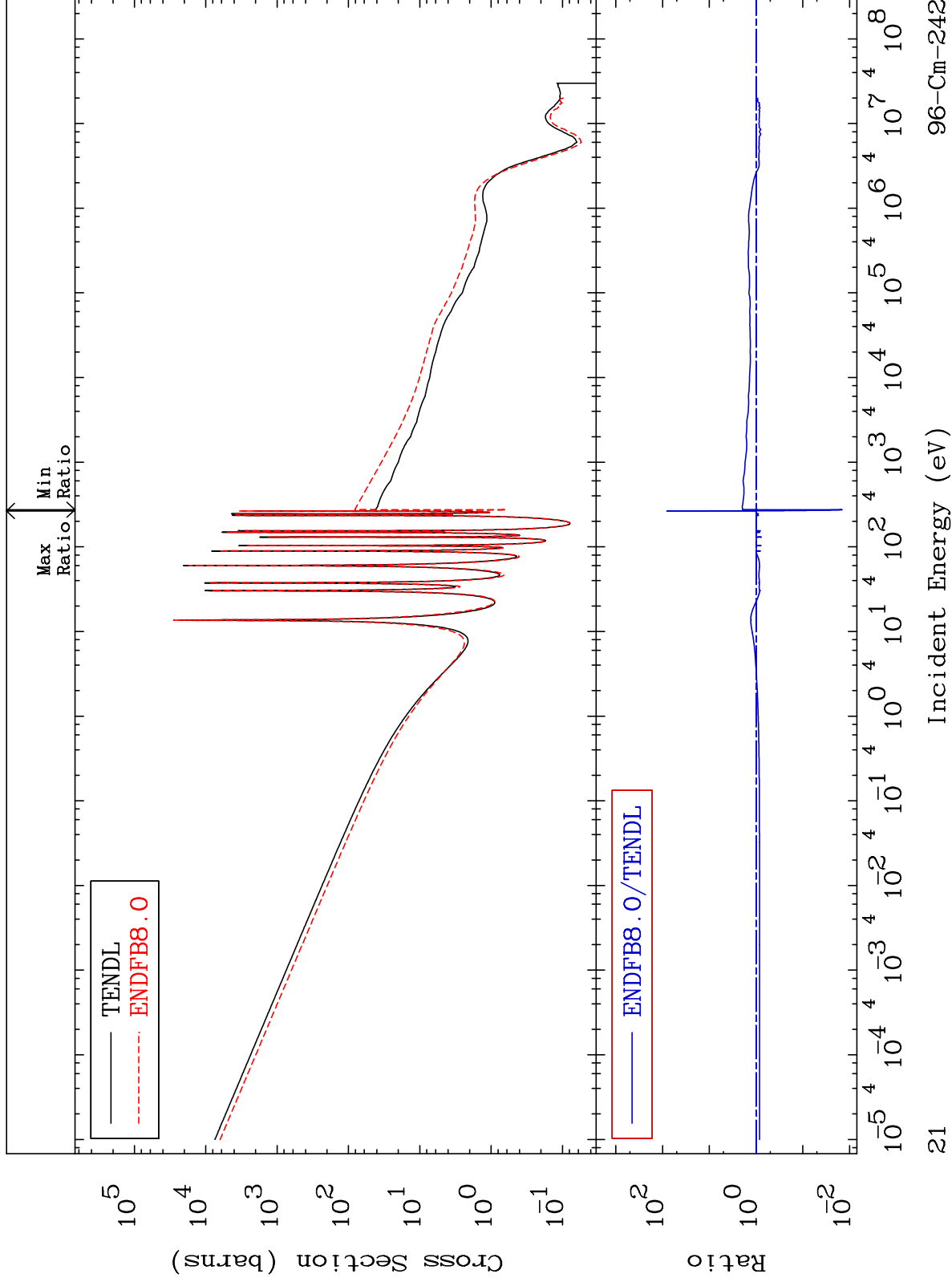
96-Cm-242
-99.40 To 9999. %



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Kerma capture (mt102)
Cross Section

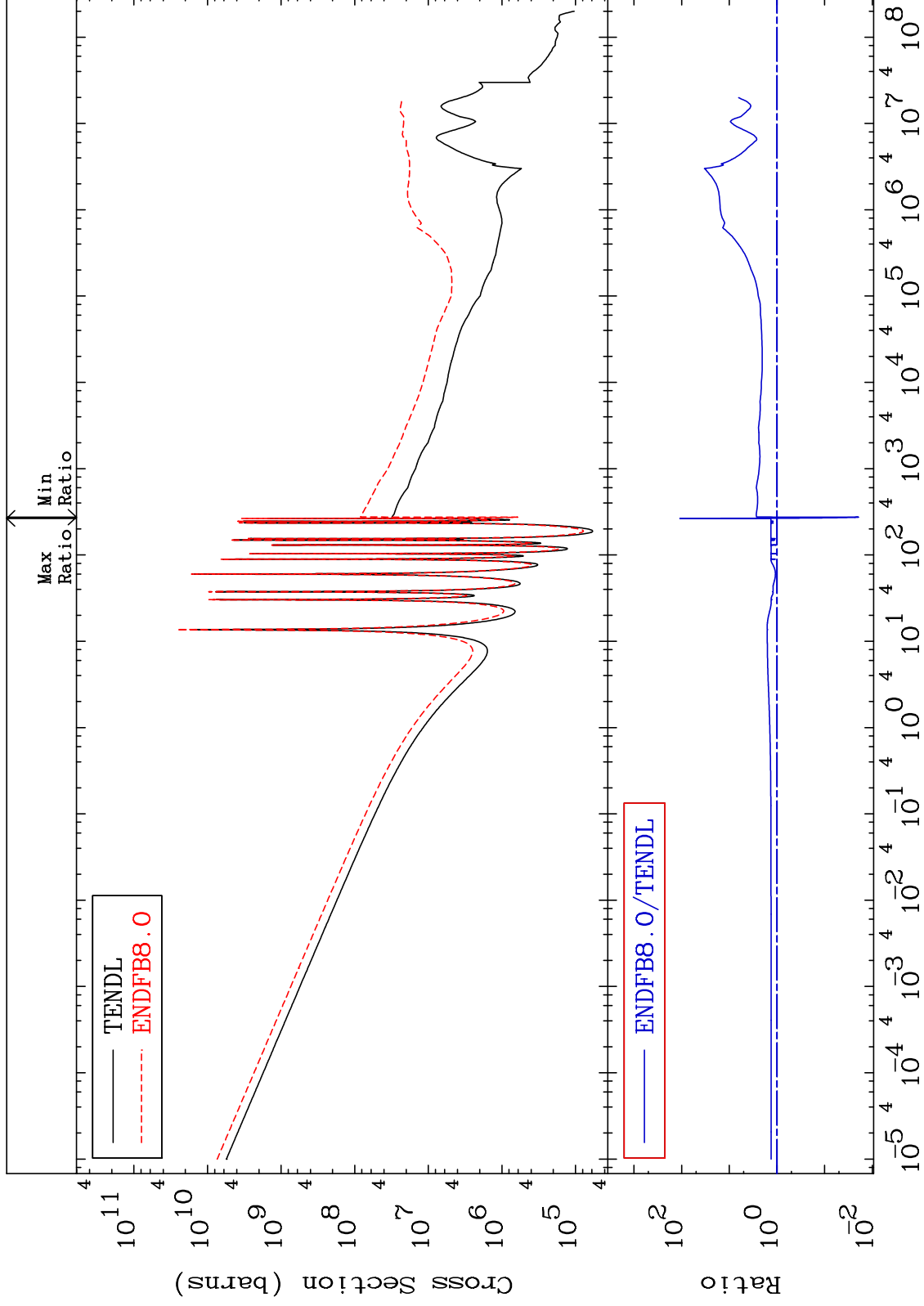
96-Cm-242
-98.54 To 7959. %



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Total photon (eV-barns)
Cross Section

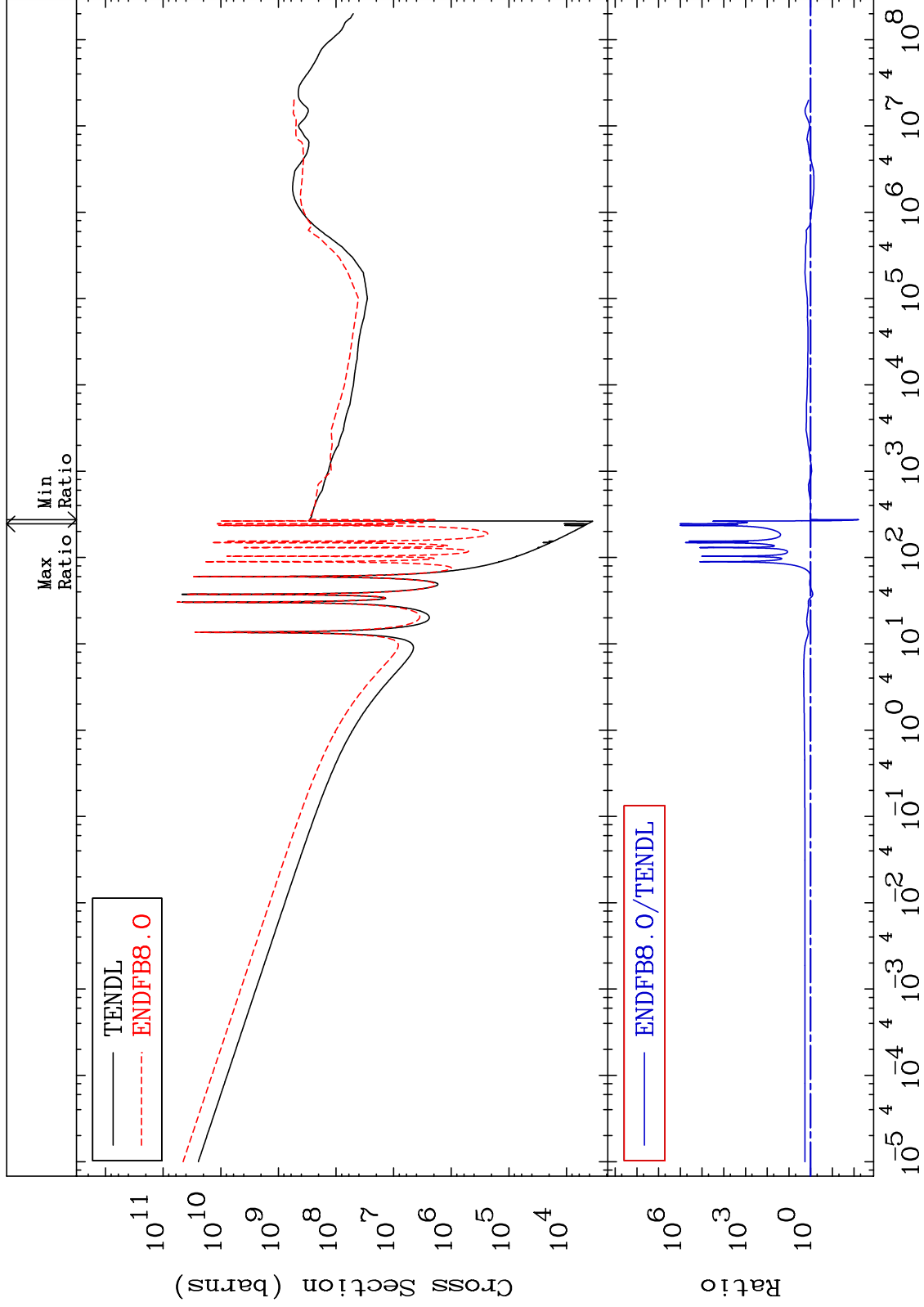
96-Cm-242
-98.04 To 9999. %



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Total kinematic kerma (high limit)
Cross Section

96-Cm-242
-99.37 To 9999. %



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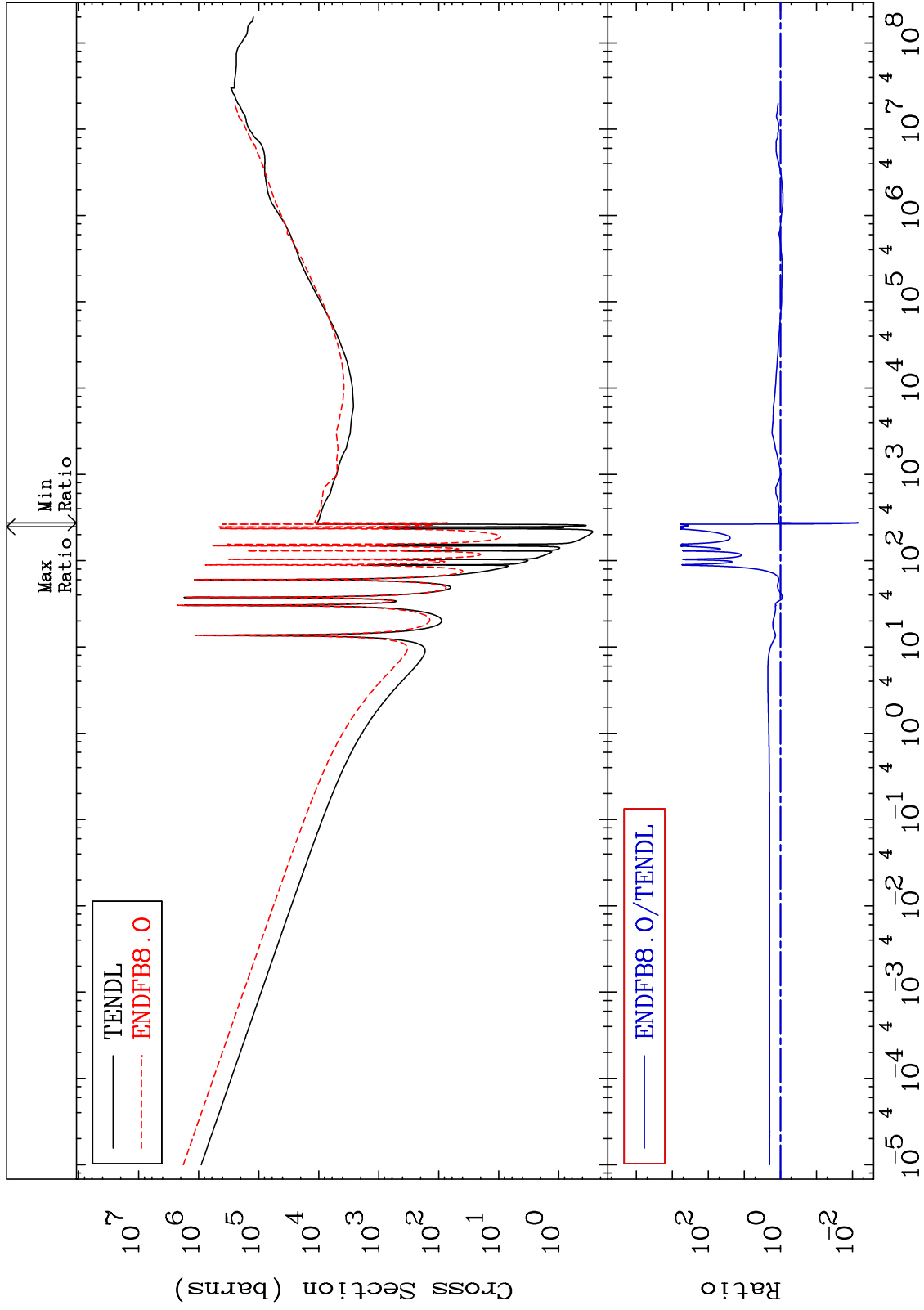
Incident Energy (eV)

96-Cm-242

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Dpa total (eV-barns)
Cross Section

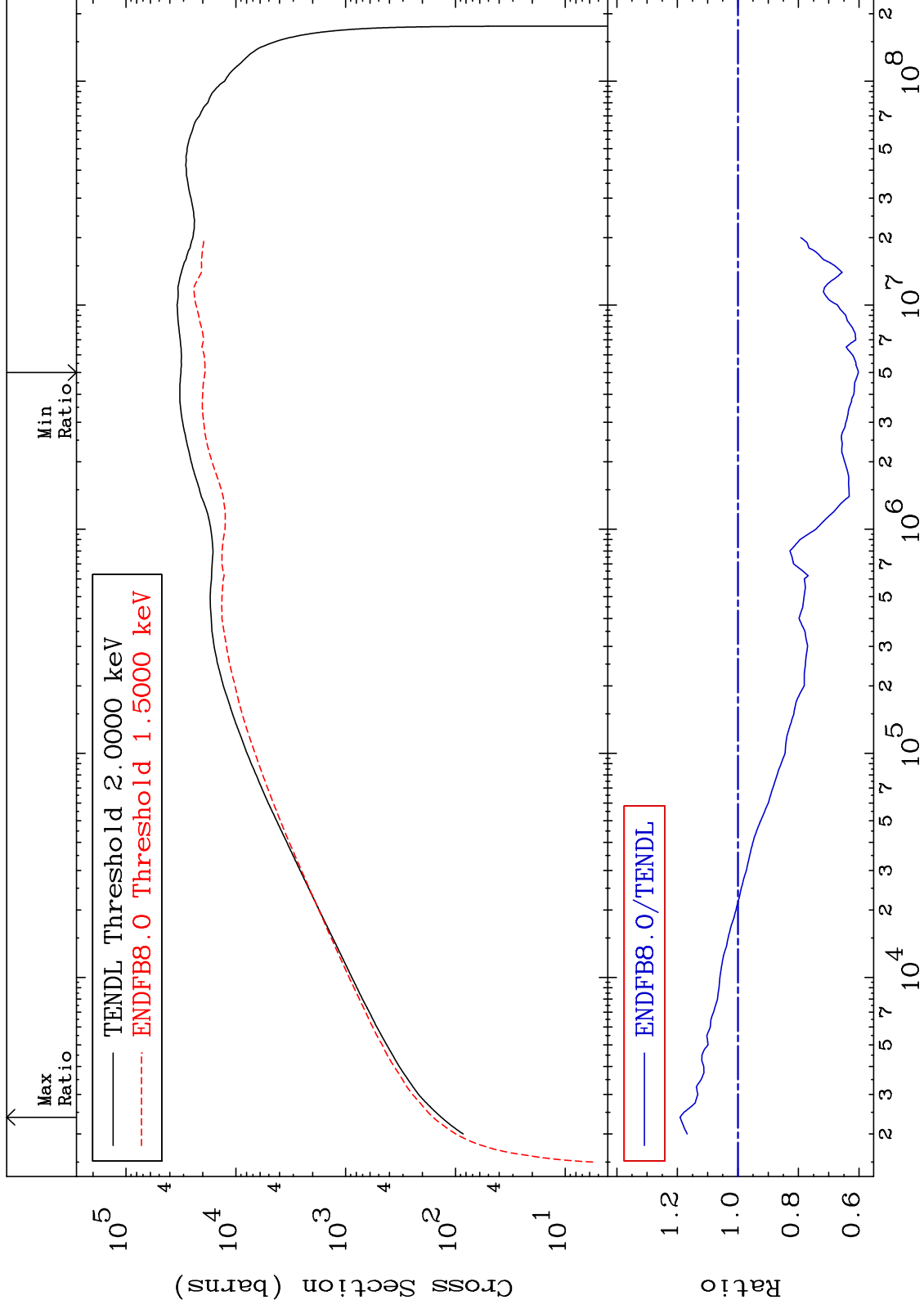
96-Cm-242
-99.32 To 9999. %



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Dpa elastic (mt2)
Cross Section

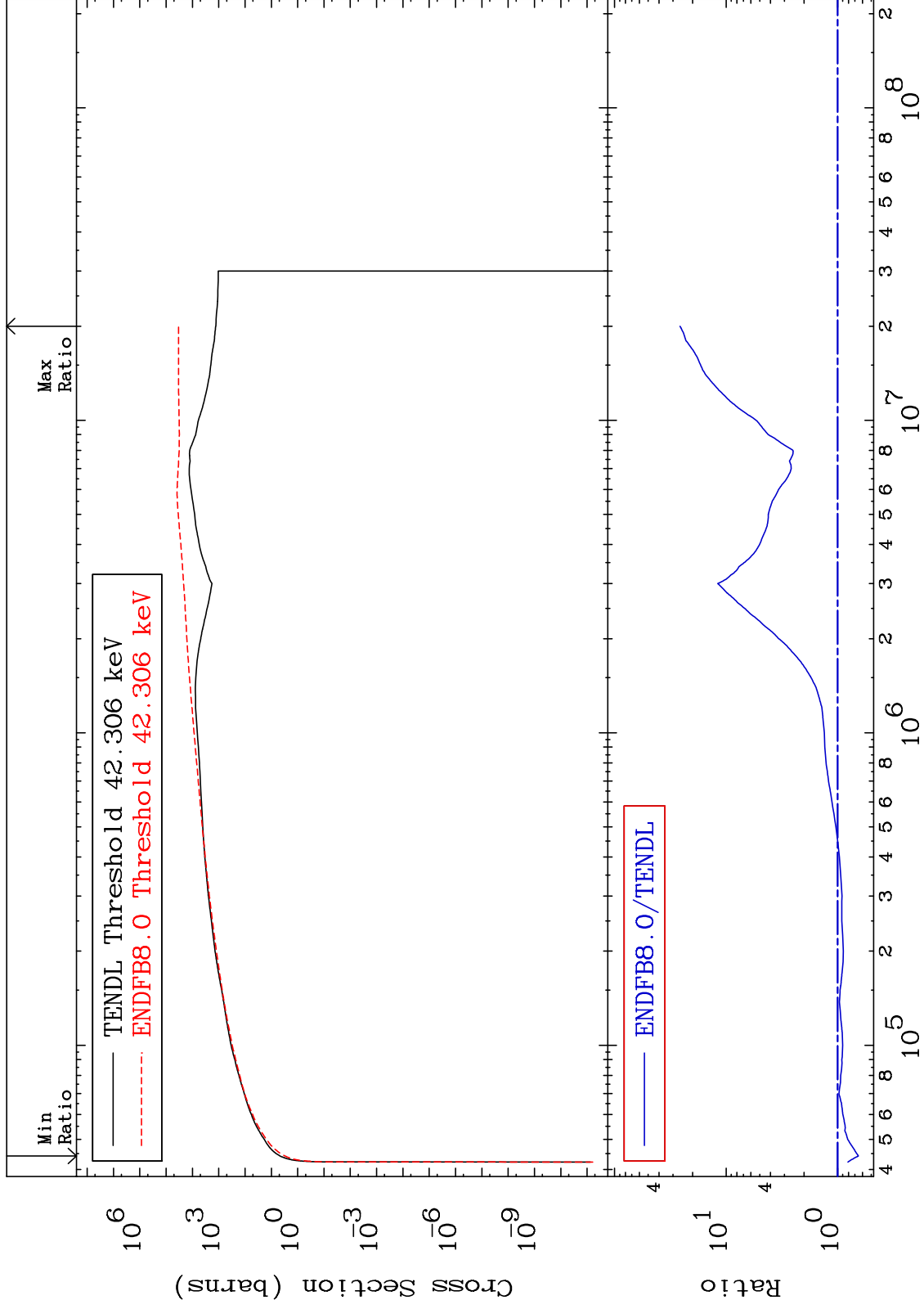
96-Cm-242
-39.80 To 19.13 %



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Dpa inelastic (mt51-91)
Cross Section

96-Cm-242
-34.84 To 2490. %



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Dpa disappearance (mt102 -120)
Cross Section

96-Cm-242
-100.0 To 9562. %

