

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

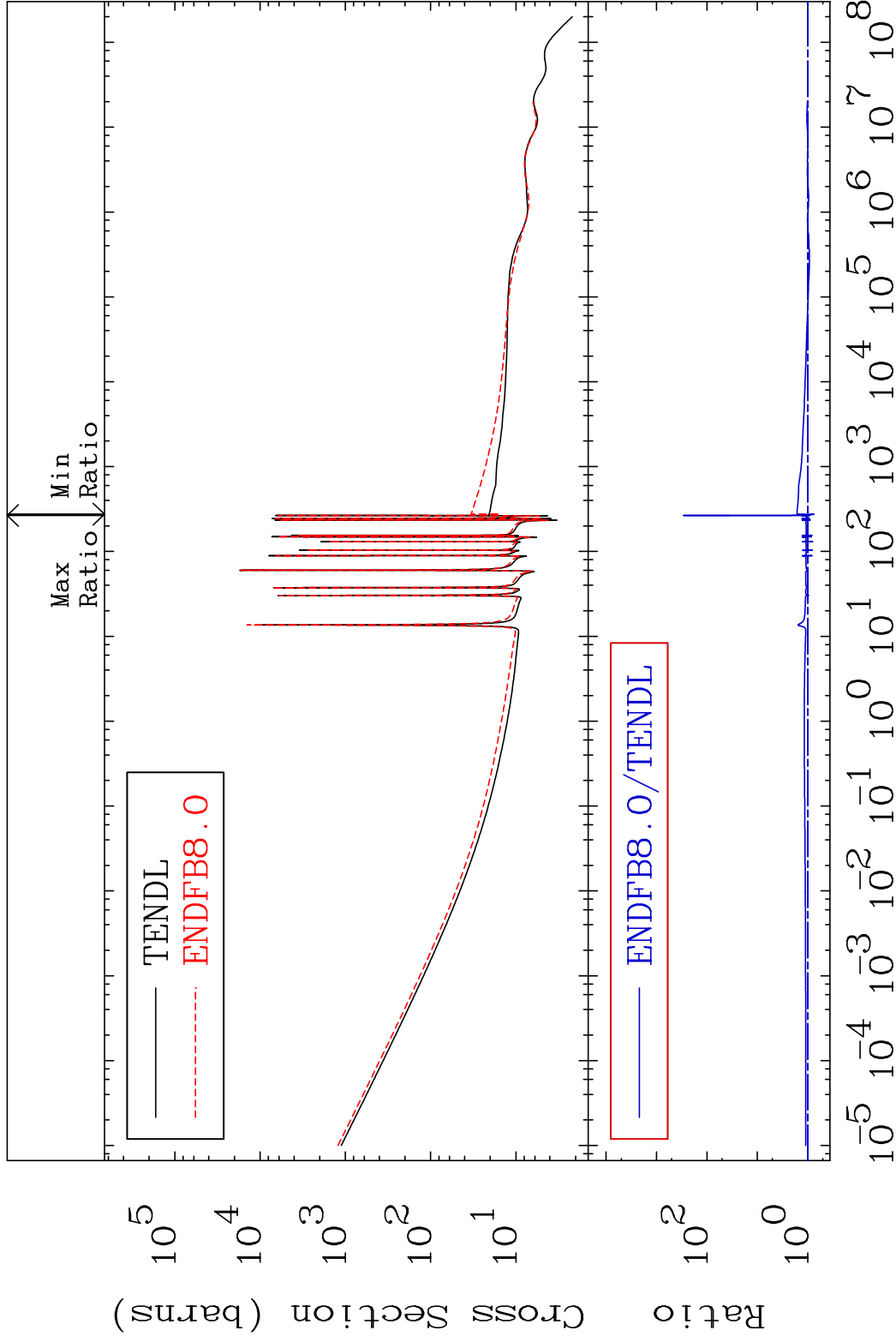
MAT 9631

Total

96-Cm-242

Cross Section

-25.48 To 9999. %



1

Incident Energy (eV)

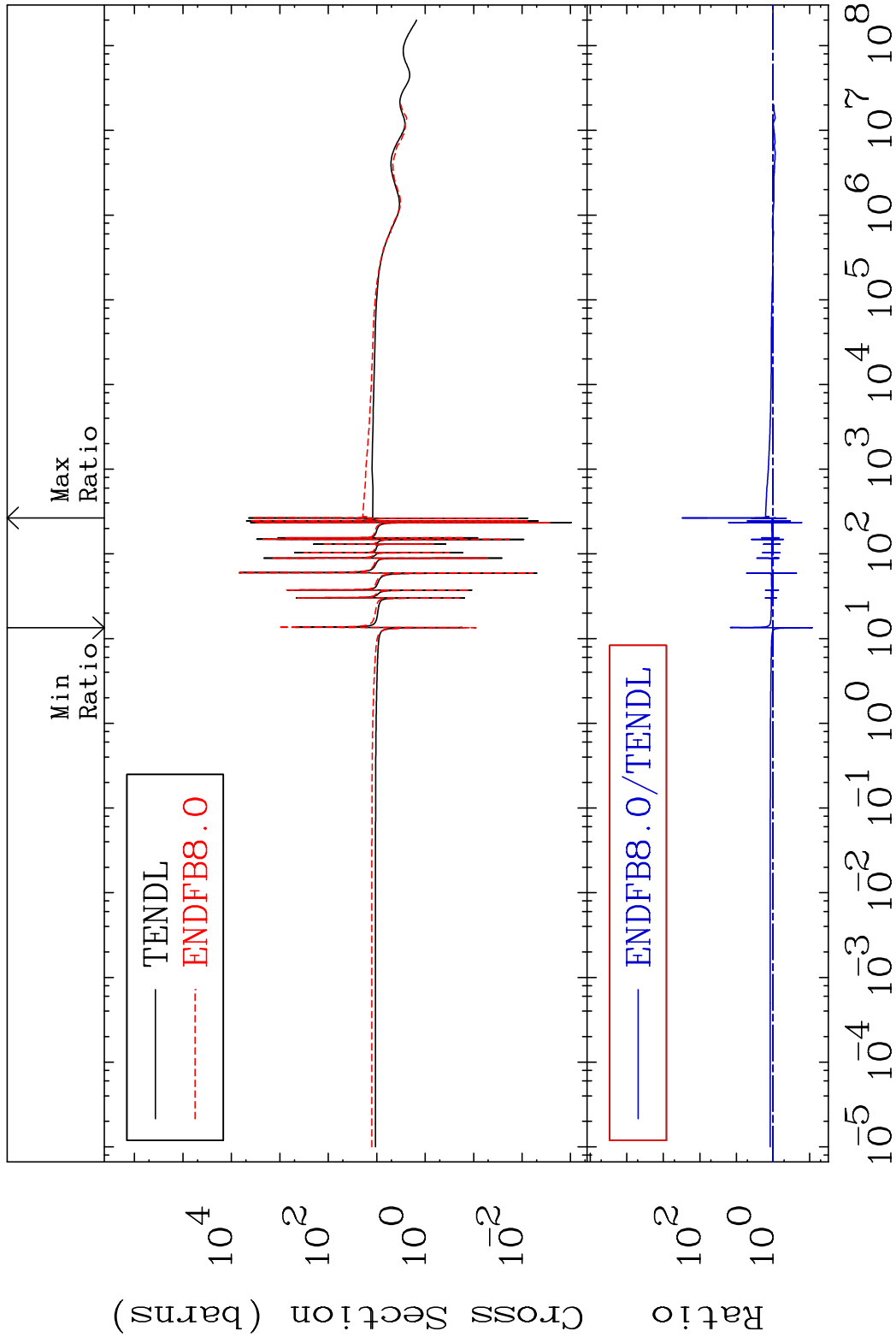
96-Cm-242

MAT 9631

Elastic

96-Cm-242

Cross Section -91.70 To 9999. %



2

Incident Energy (eV)

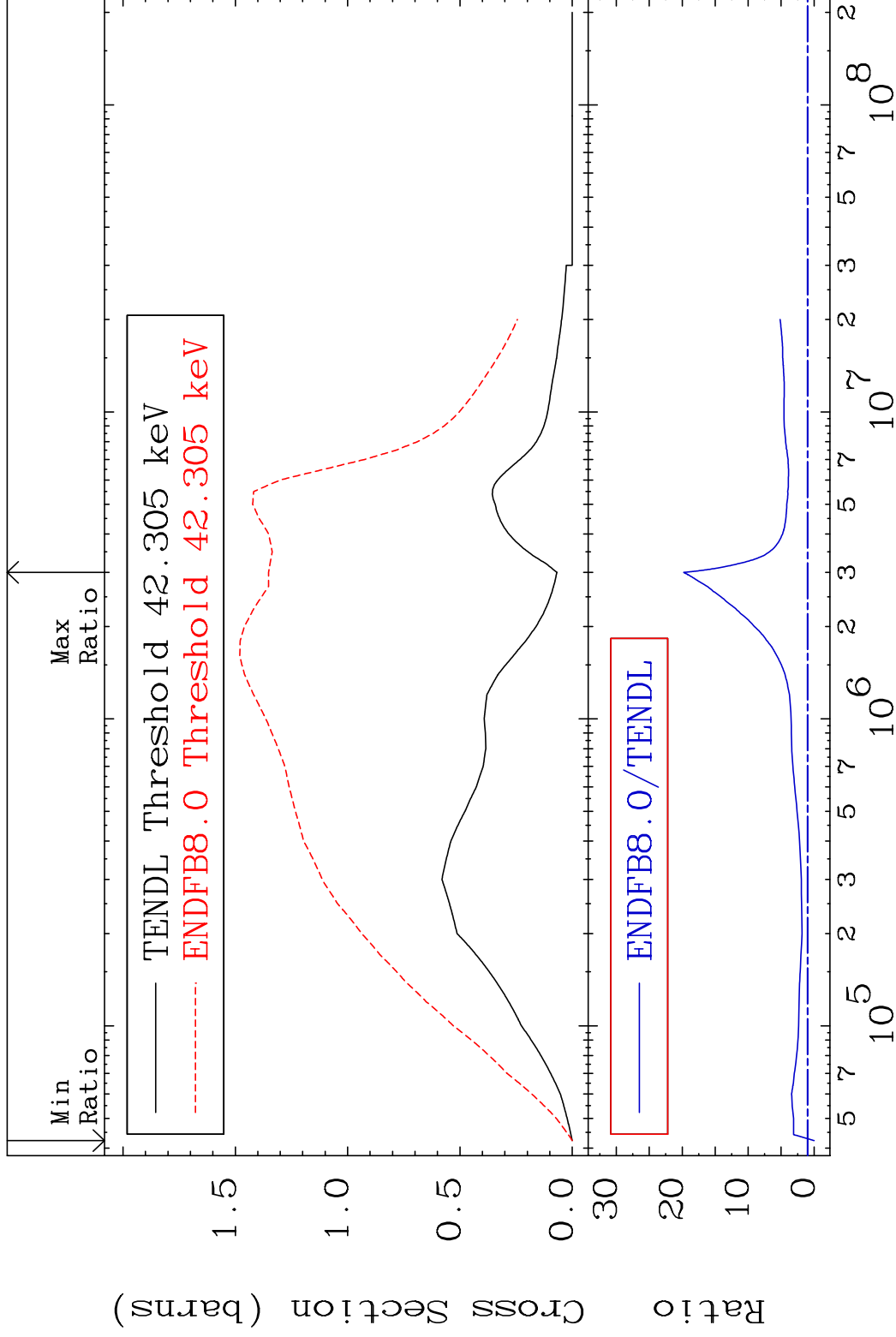
96-Cm-242

MAT 9631

Inelastic

96-Cm-242

Cross Section -100.0 To 1878. %

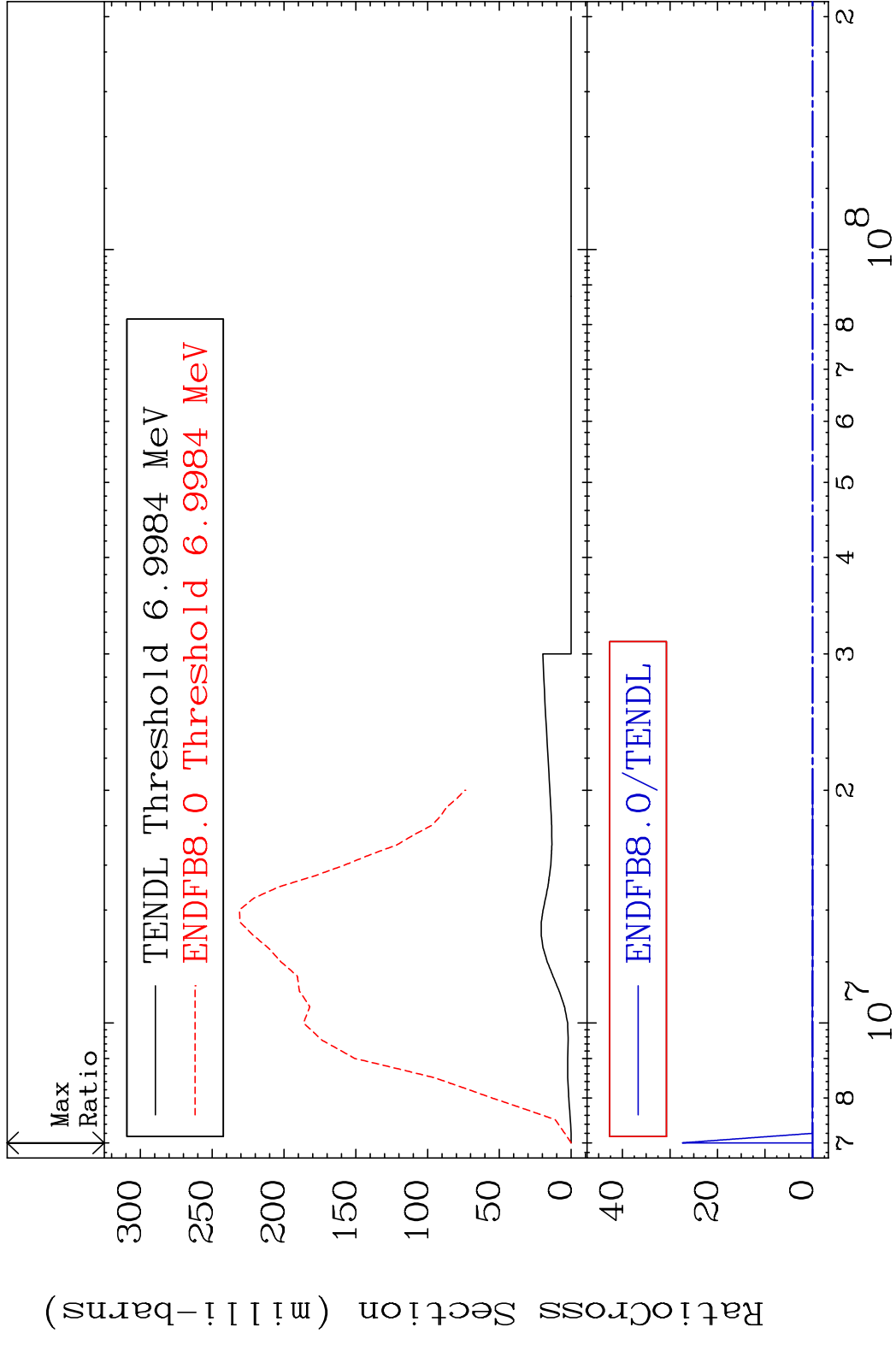


3

Incident Energy (eV)

96-Cm-242

MAT 9631 (n,2n) 96-Cm-242
 Cross Section -100.0 To 9999. %



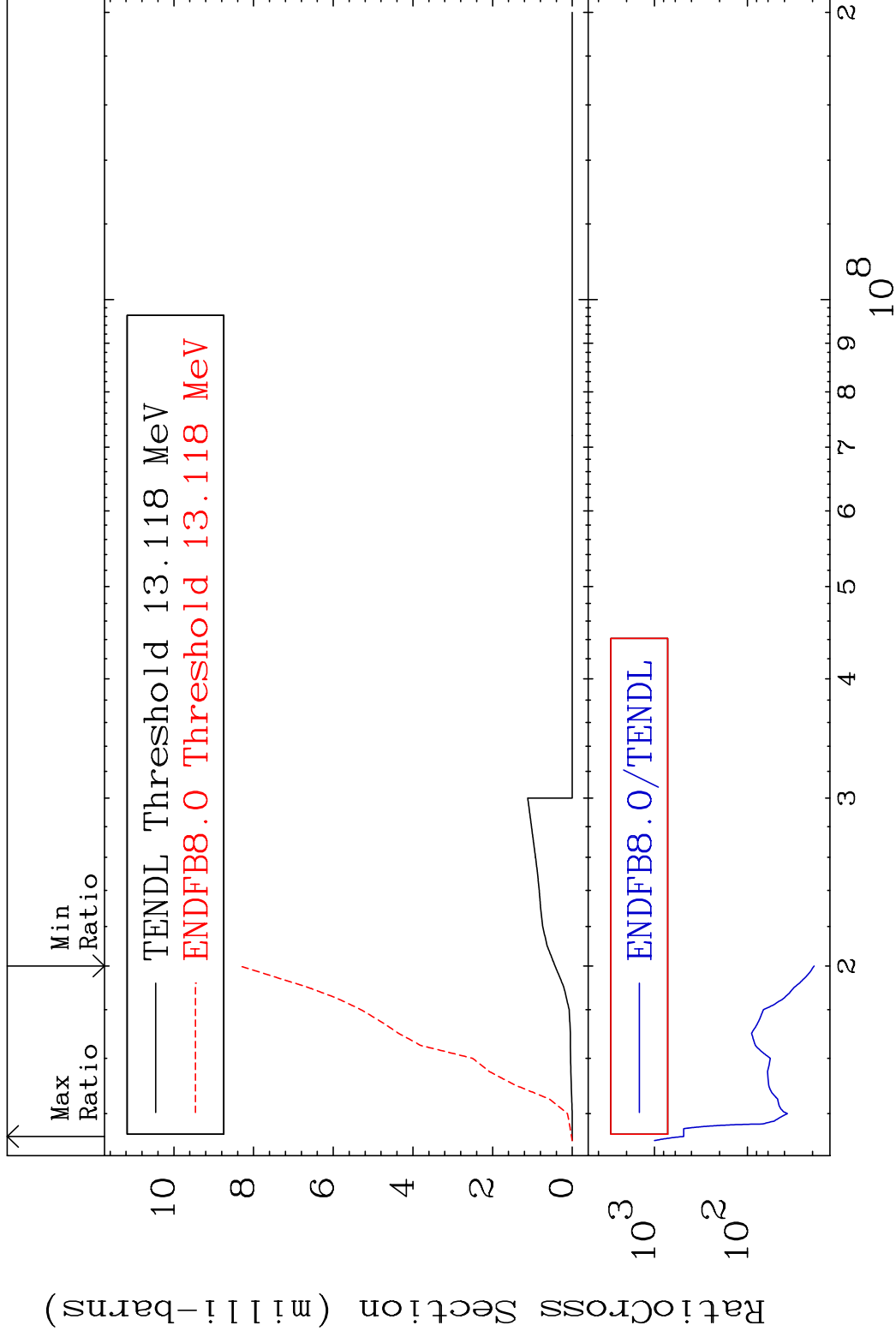
4 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2 96-Cm-242

MAT 9631

(n,3n)

96-Cm-242

Cross Section 1821. To 9999. %



5

Incident Energy (eV)

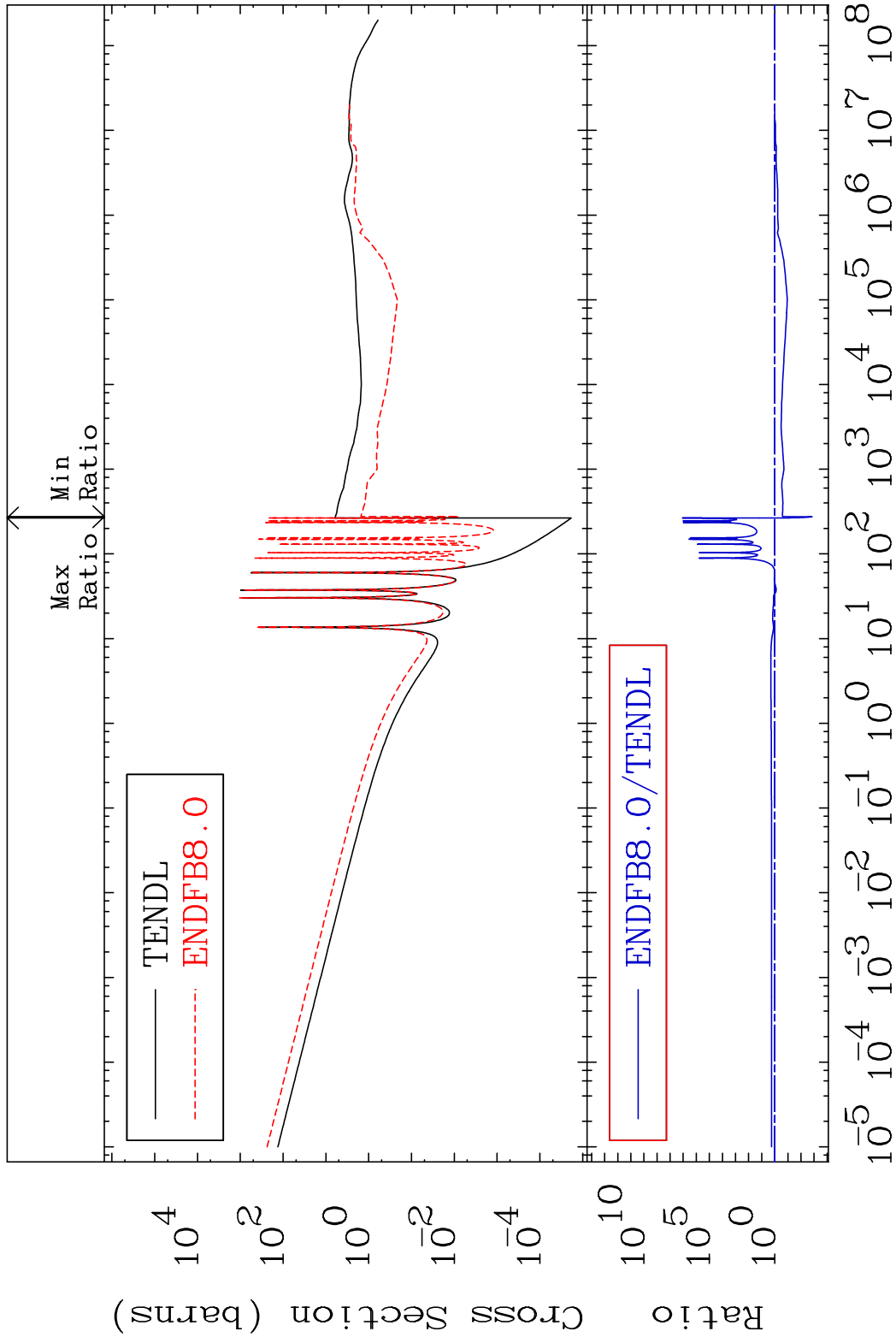
96-Cm-242

MAT 9631

Fission

96-Cm-242

Cross Section -99.87 To 9999. %

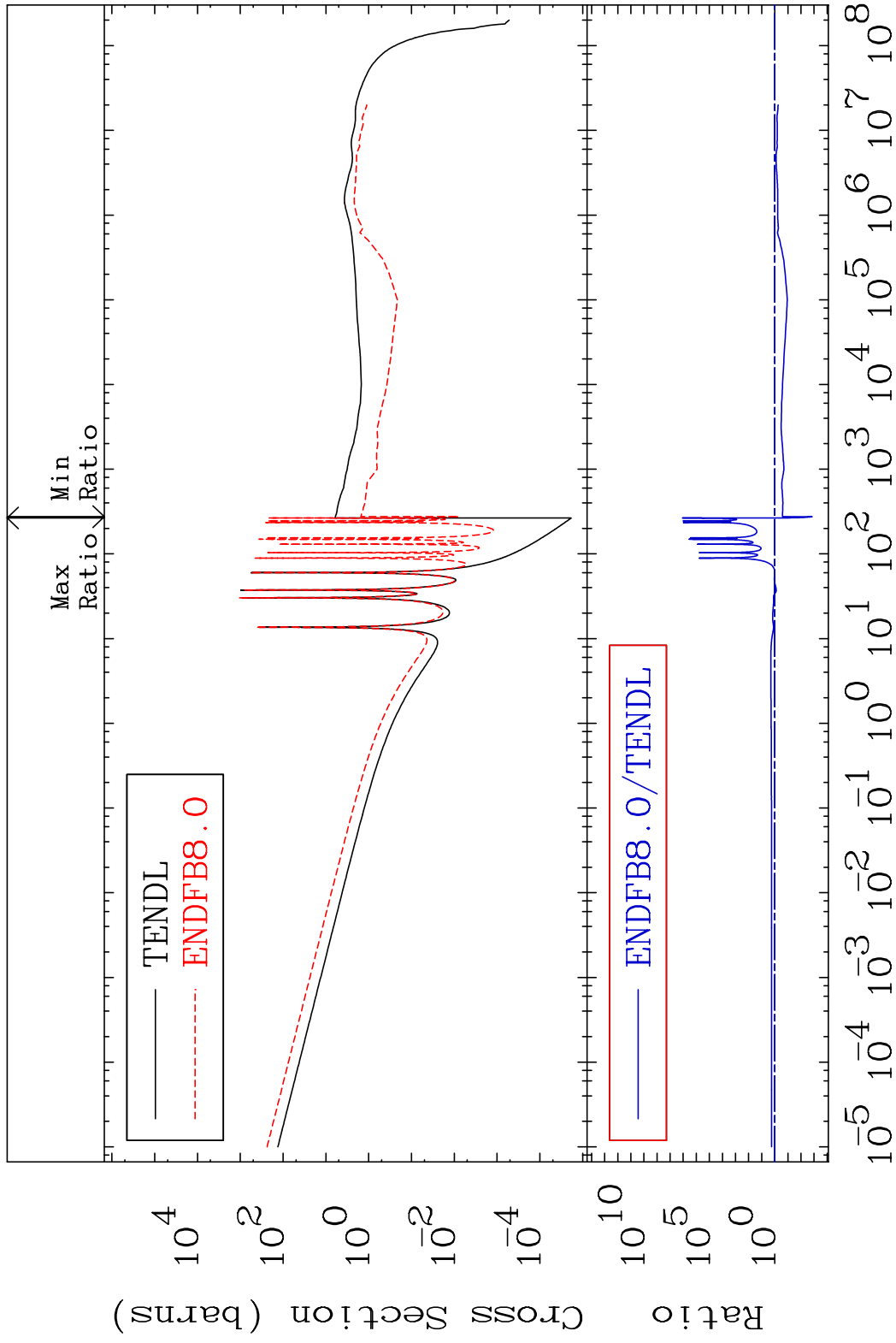


MAT 9631

(n,f) First Chance

96-Cm-242

Cross Section -99.87 To 9999. %



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Incident Energy (eV)

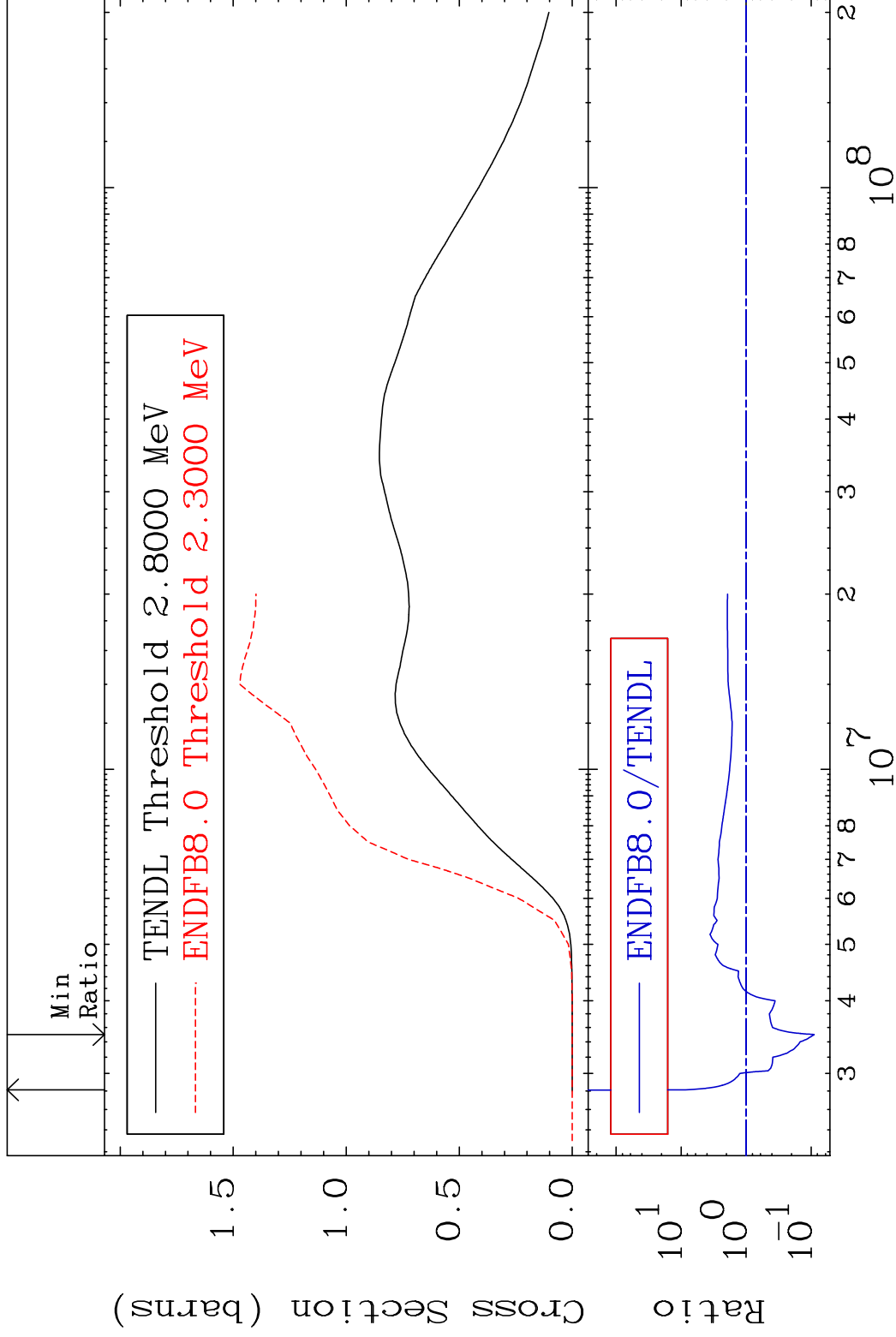
96-Cm-242

MAT 9631

(n, nf) Second Chance

96-Cm-242

Cross Section -91.01 To 813.3 %



8

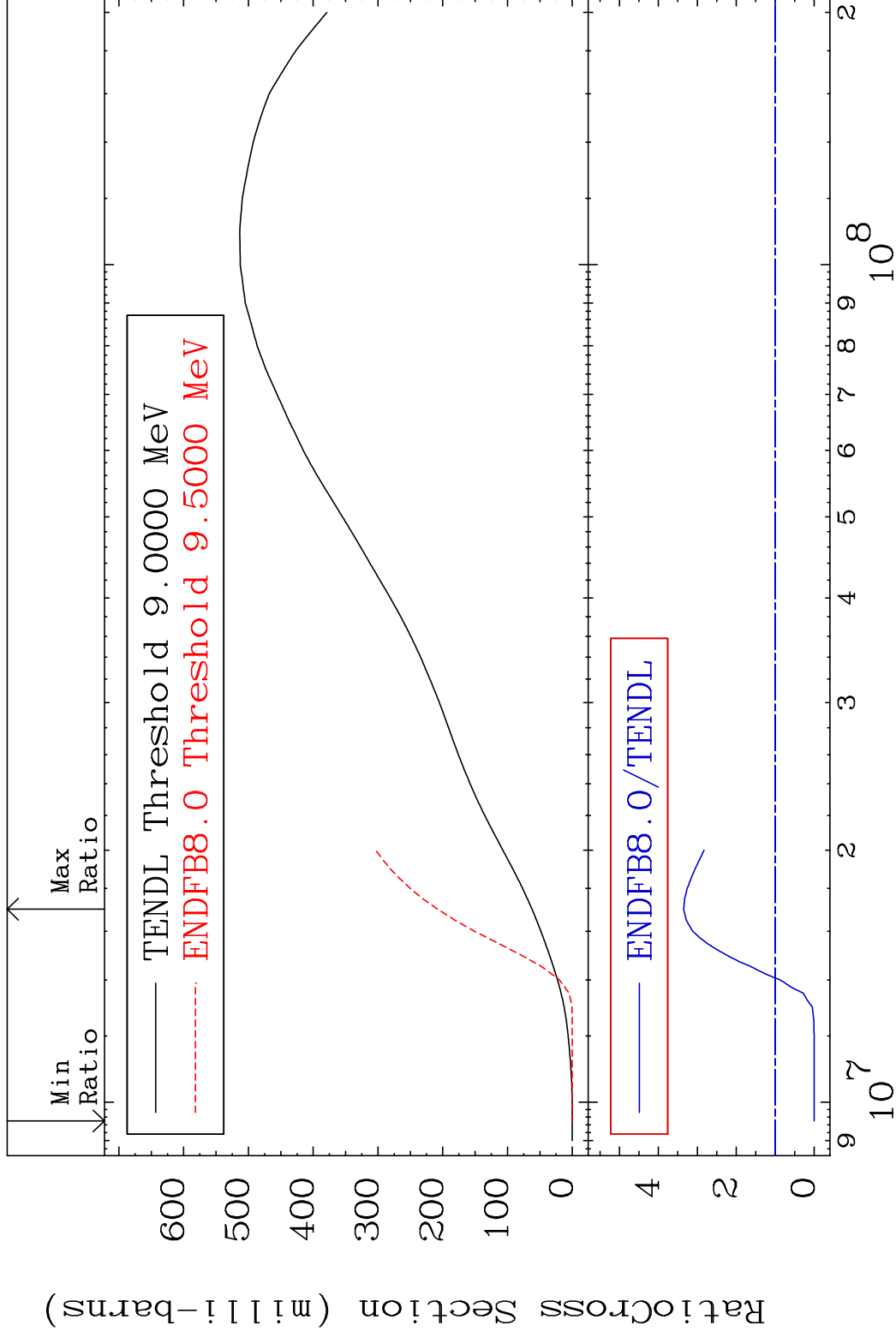
Incident Energy (eV)

96-Cm-242

MAT 9631

(n,2nf) Third Chance 96-Cm-242

Cross Section -100.0 To 235.1 %



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Incident Energy (eV)

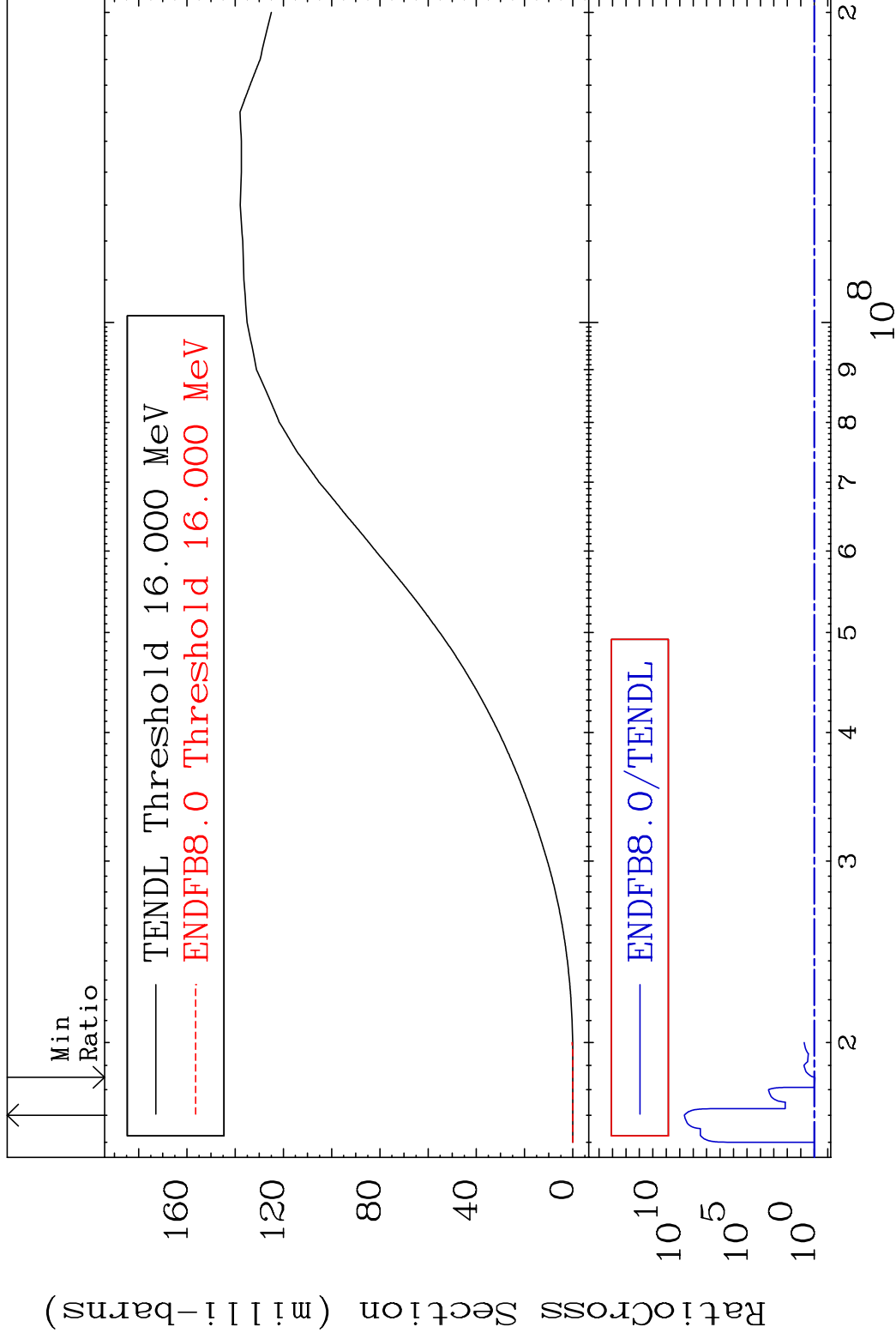
96-Cm-242

MAT 9631

(n,3nf) Fourth Chance

96-Cm-242

Cross Section -11.20 To 9999. %

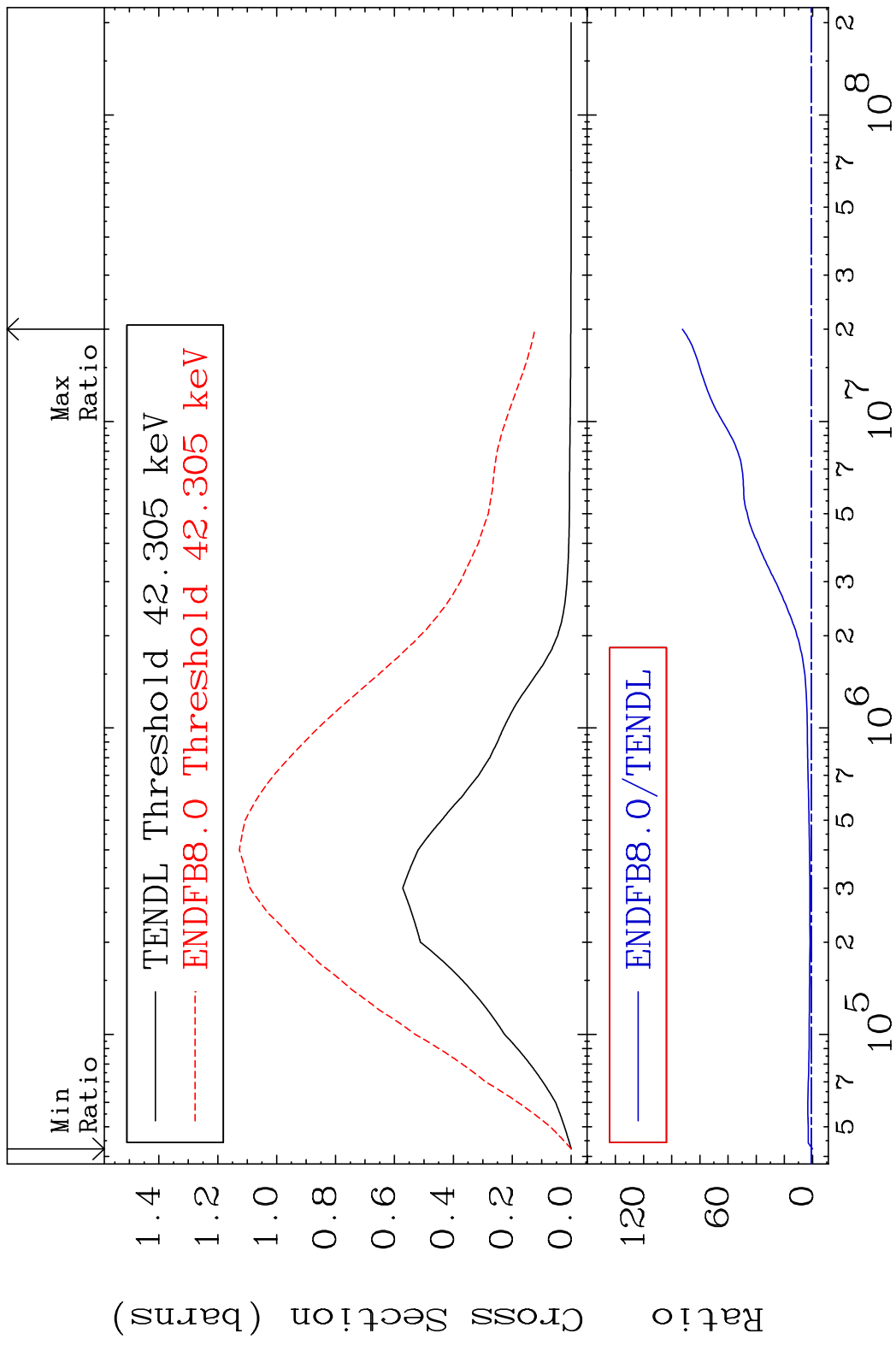


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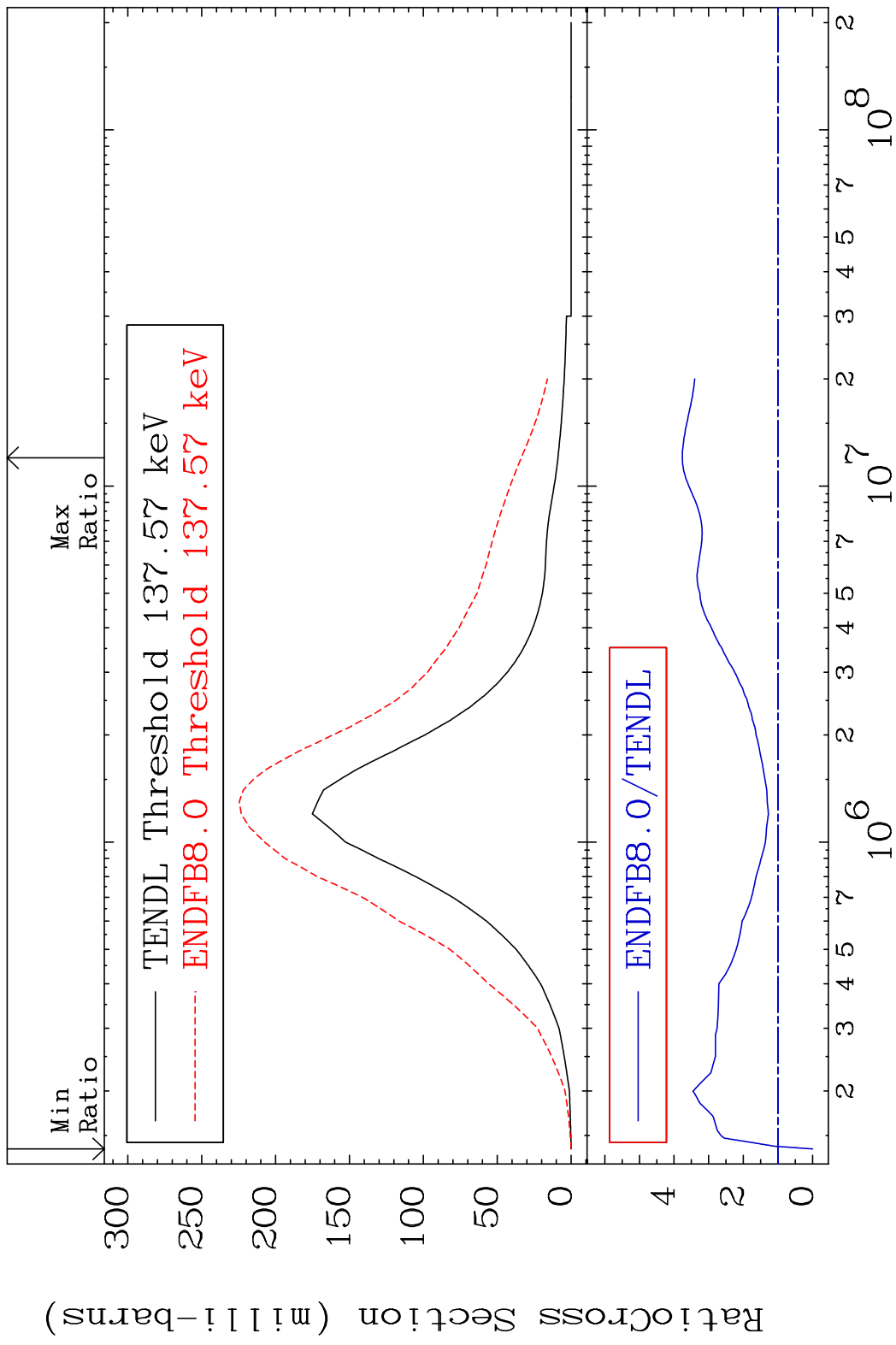
Incident Energy (eV)

96-Cm-242

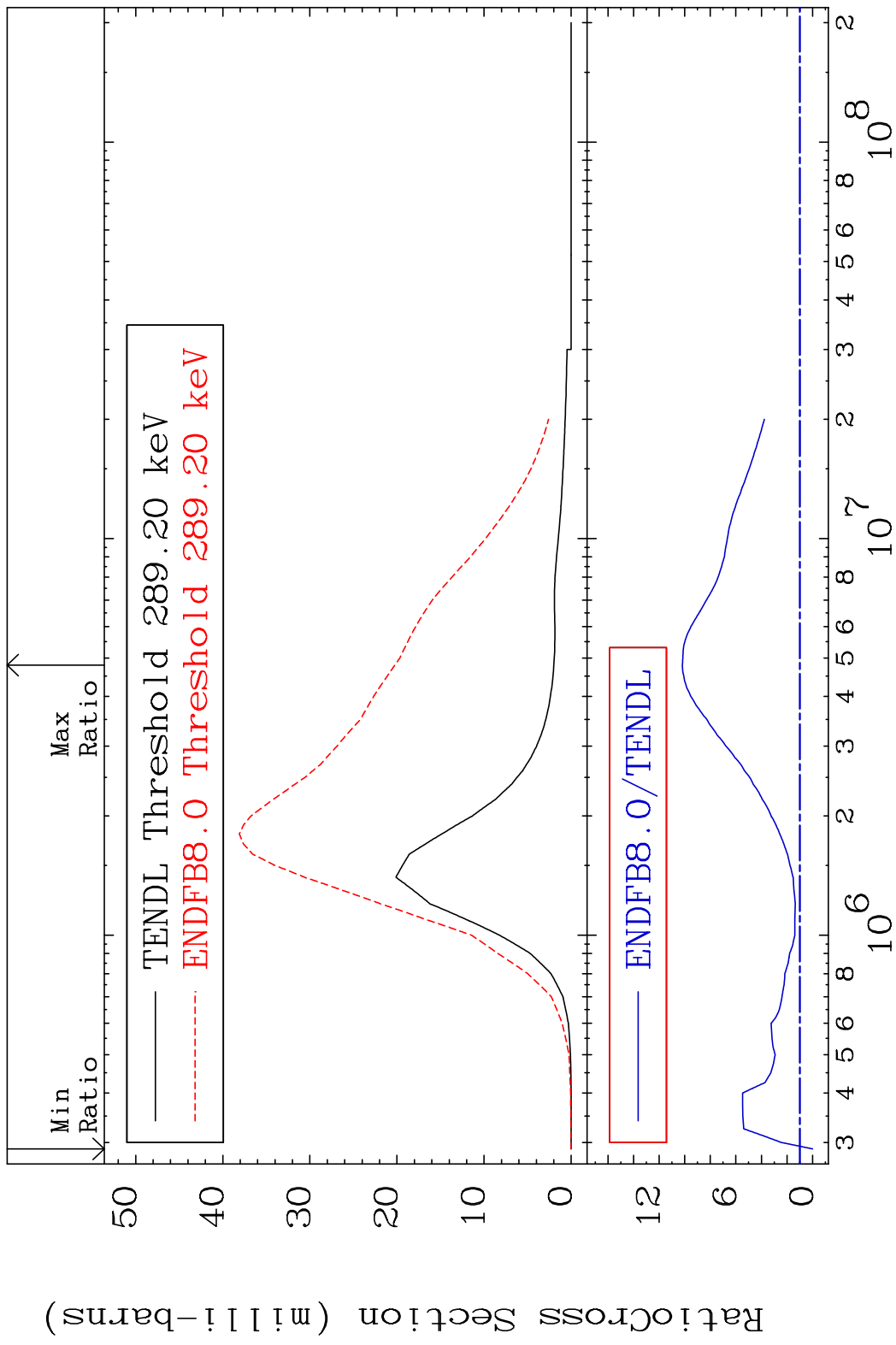
MAT 9631 MT= 51 (n,n') Level 96-Cm-242
 Cross Section -100.0 To 9145. %



MAT 9631 MT= 52 (n, n') Level 96-Cm-242
 Cross Section -100.0 To 276.1 %



MAT 9631 MT= 53 (n, n') Level 96-Cm-242
 Cross Section -100.0 To 918.4 %

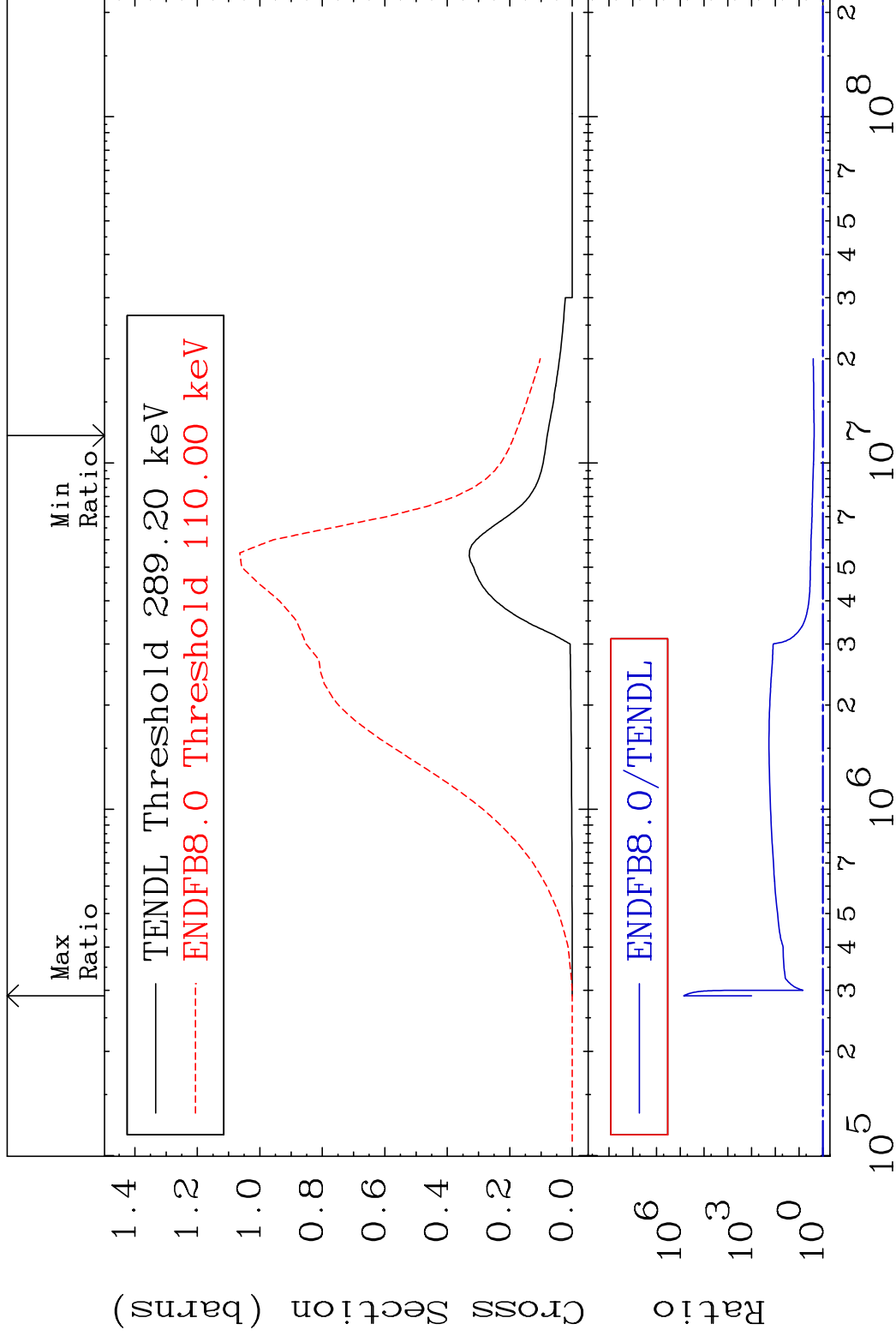


MAT 9631

(n,n') Continuum

96-Cm-242

Cross Section 131.7 To 9999. %



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Incident Energy (eV)

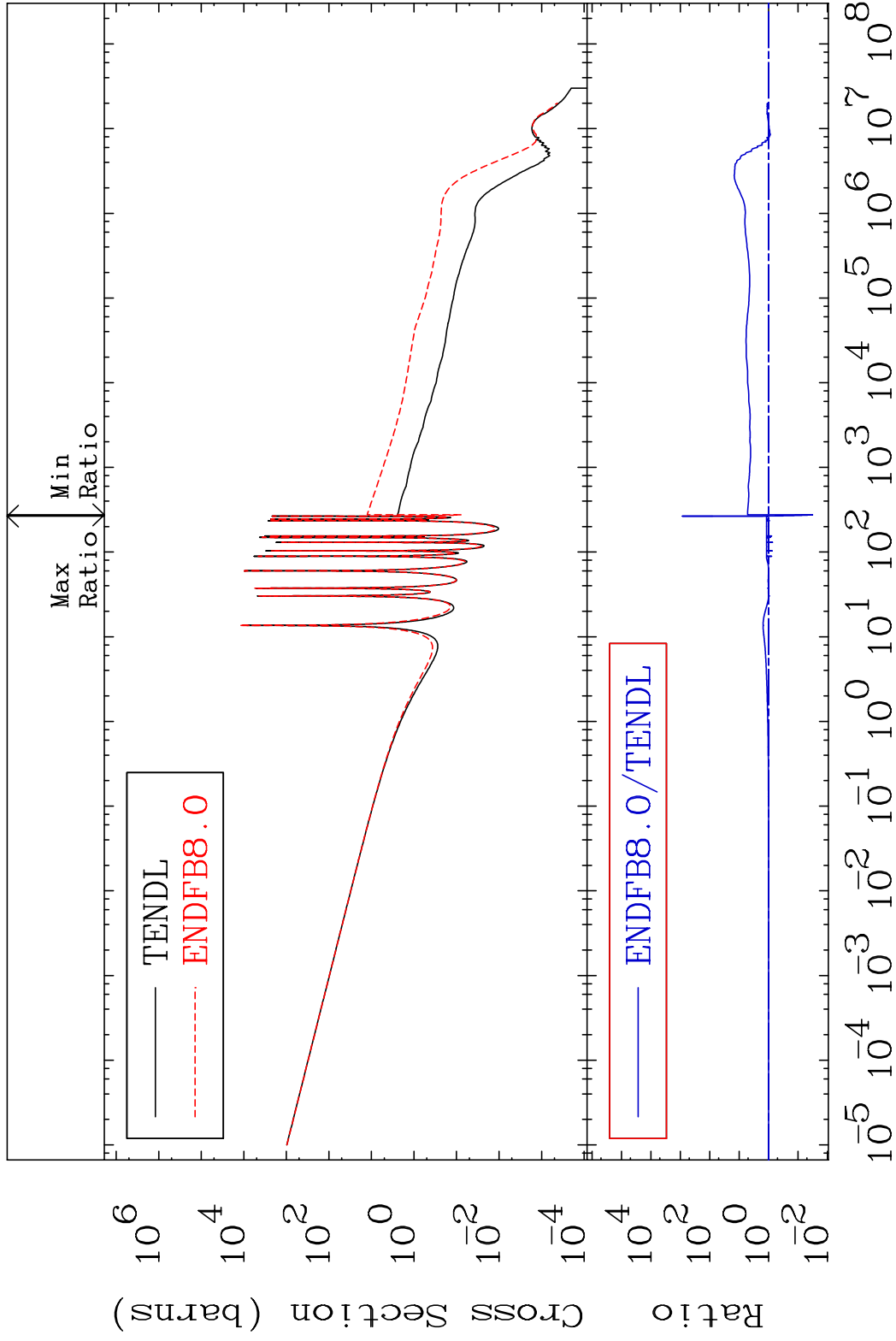
96-Cm-242

MAT 9631

(n, γ)

96-Cm-242

Cross Section -96.81 To 9999. %



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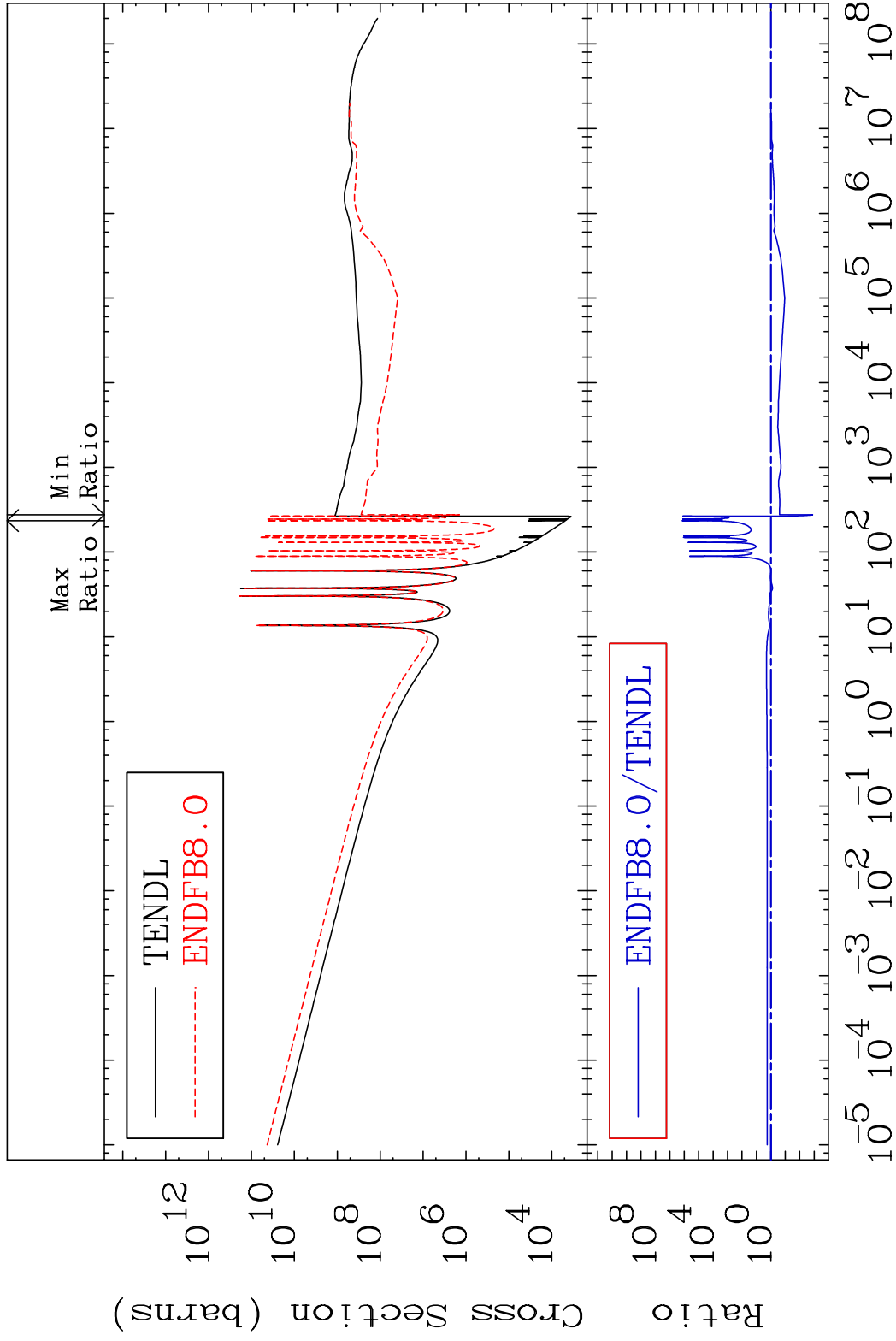
Incident Energy (eV)

96-Cm-242

MAT 9631

Kerma total (eV-barns) 96-Cm-242

Cross Section -99.87 To 9999. %



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Incident Energy (eV)

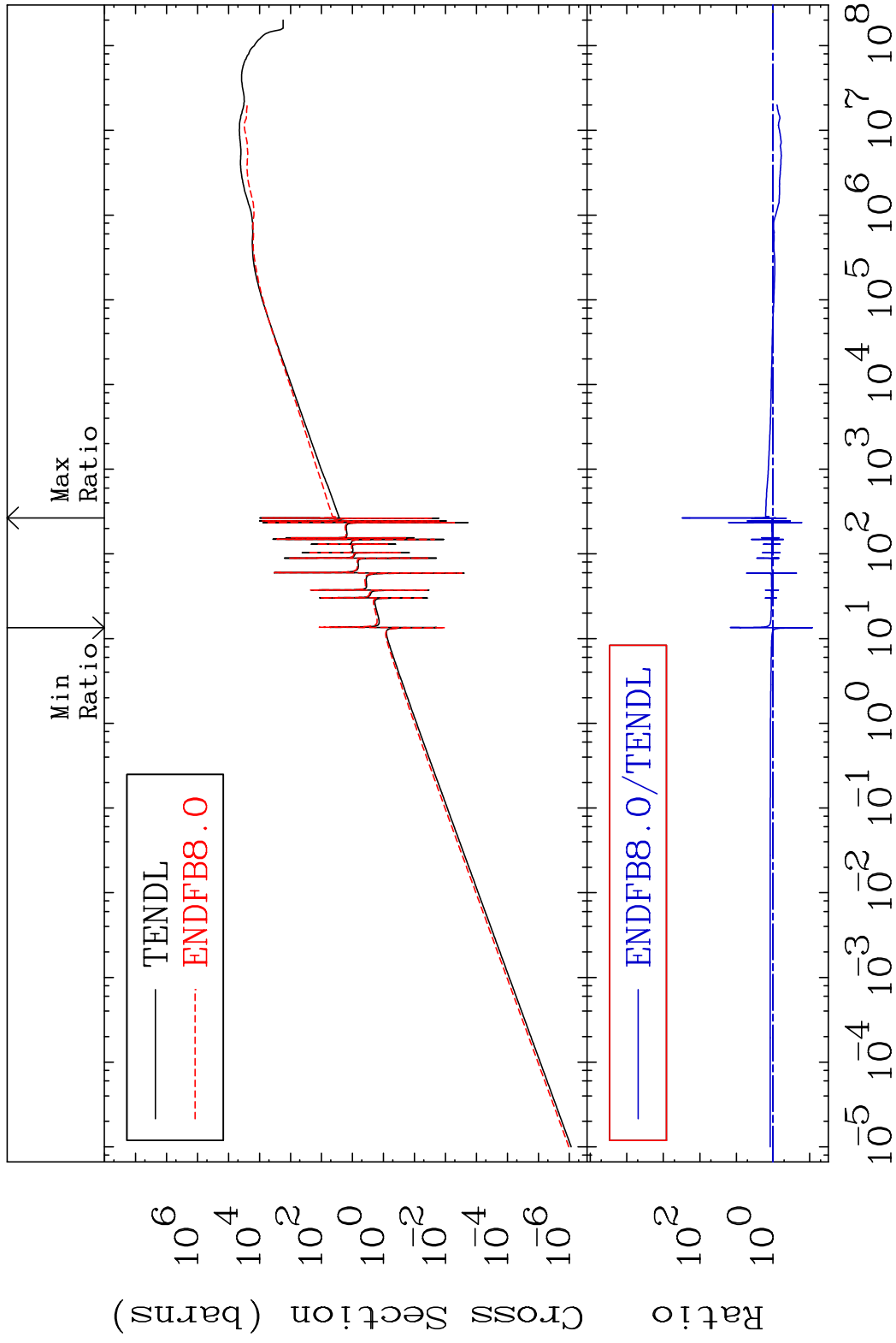
96-Cm-242

MAT 9631

Kerma elastic

96-Cm-242

Cross Section -91.70 To 9999. %

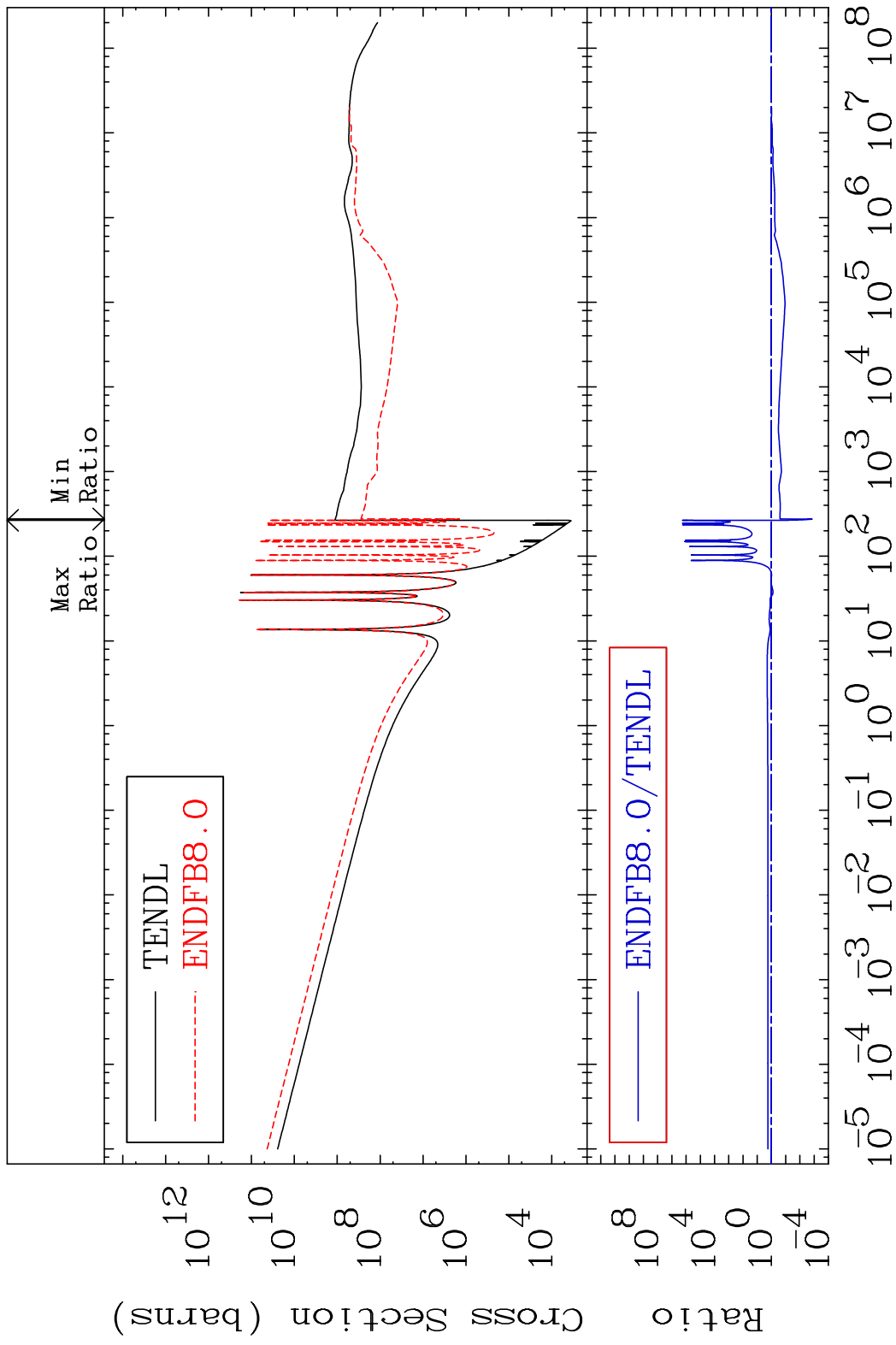


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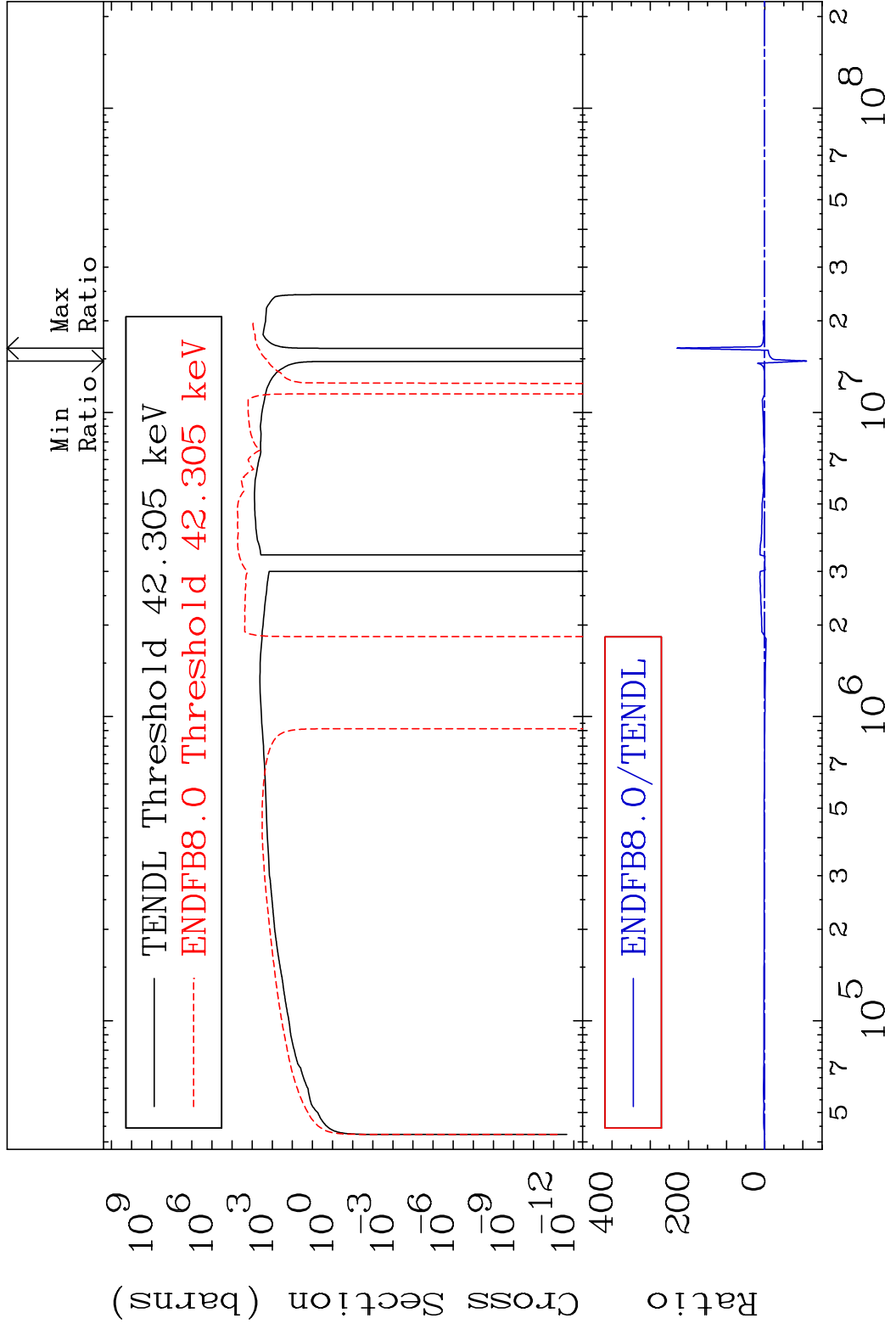
Incident Energy (eV)

96-Cm-242

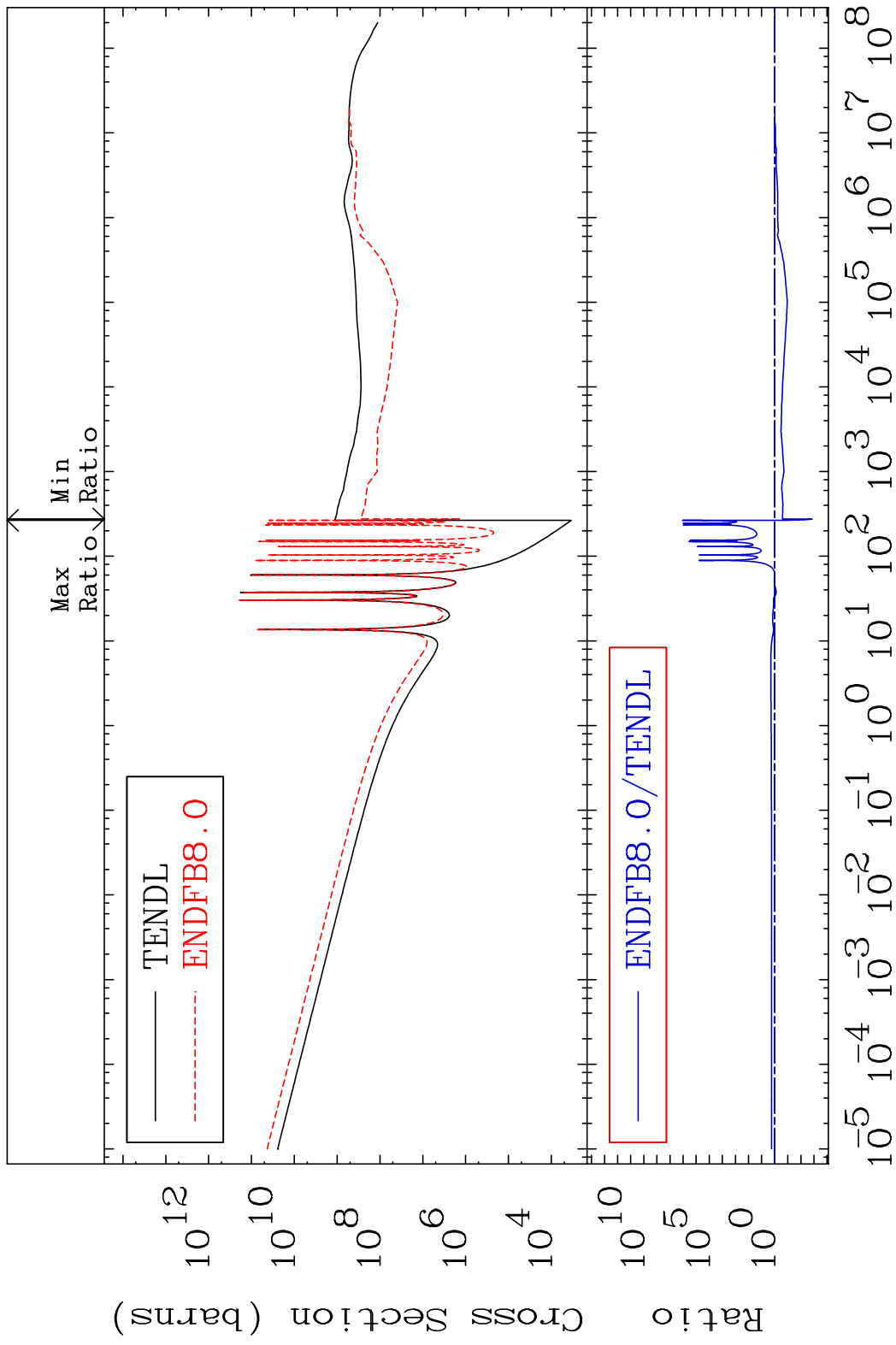
MAT 9631 Kerma non-elastic (all but mt2) 96-Cm-242
 Cross Section -99.87 To 9999. %



MAT 9631 Kerma inelastic (mt51-91) 96-Cm-242
 Cross Section -9999. To 9999. %



MAT 9631 Kerma fission (mt18 or mt19-20-21-38)96-Cm-242
 Cross Section -99.87 To 9999. %

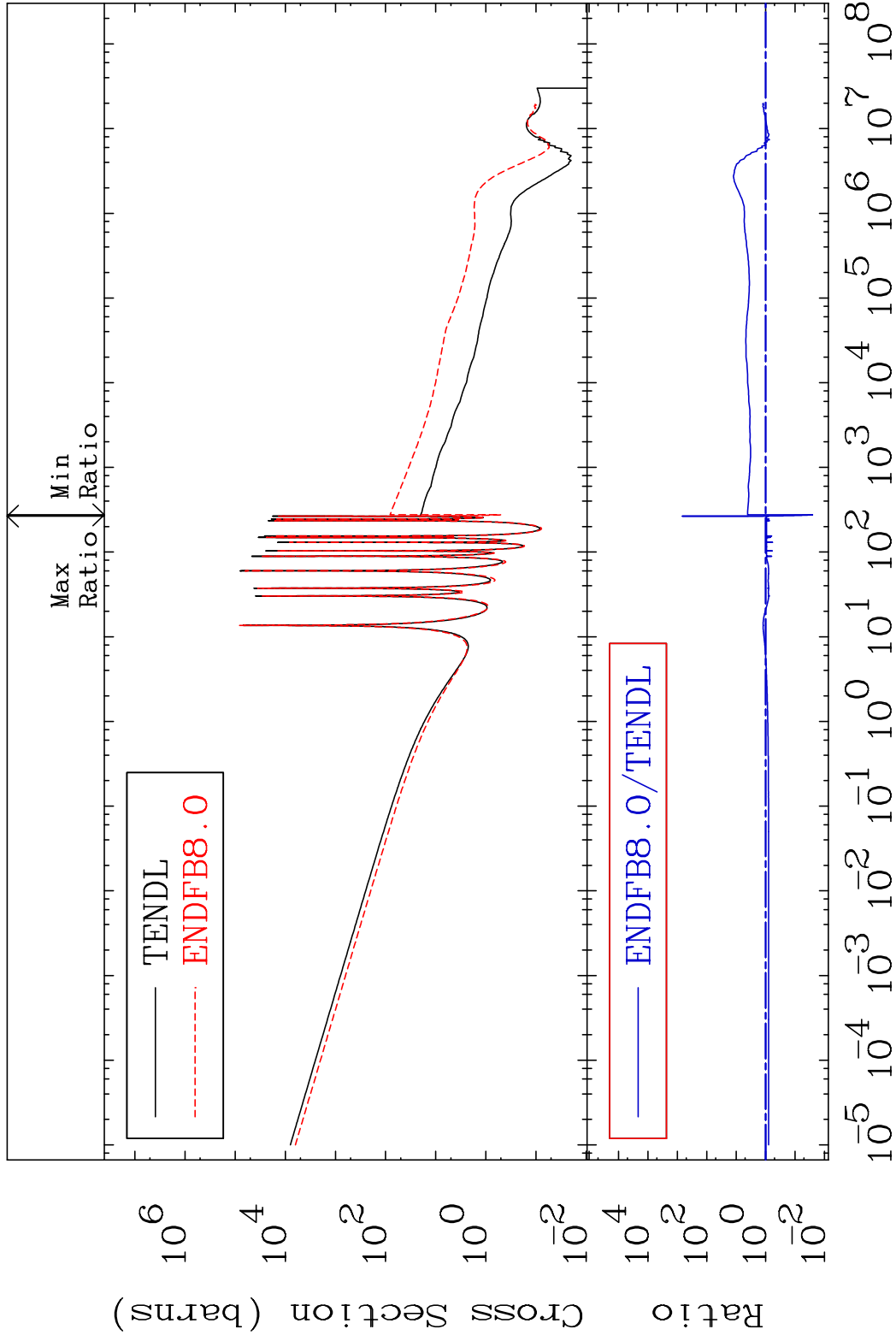


20 Incident Energy (eV) 96-Cm-242

MAT 9631

Kerma capture (mt102) 96-Cm-242

Cross Section -97.46 To 9999. %

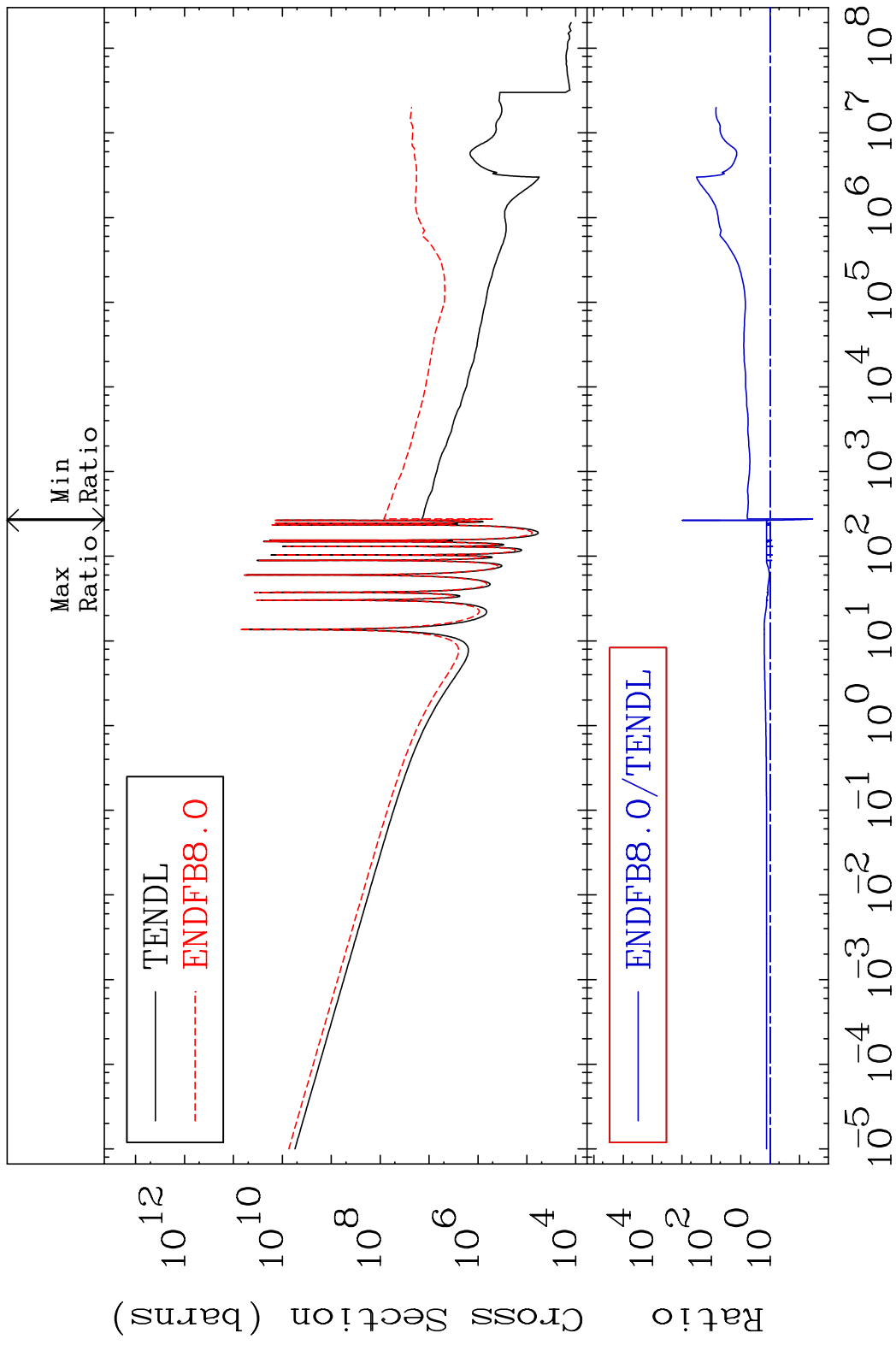


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Incident Energy (eV)

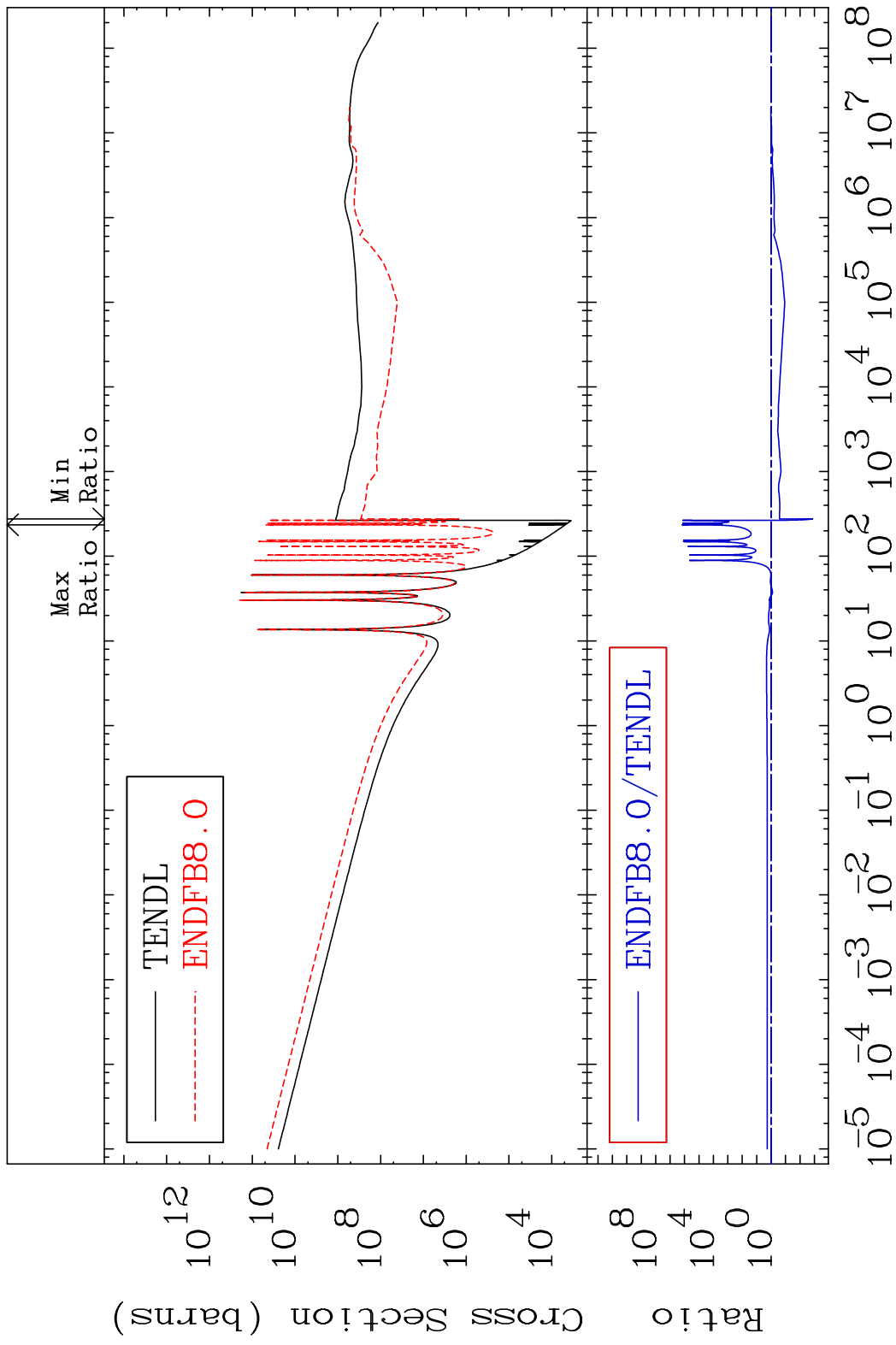
96-Cm-242

MAT 9631 Total photon (eV-barns) 96-Cm-242
 Cross Section -96.37 To 9999. %

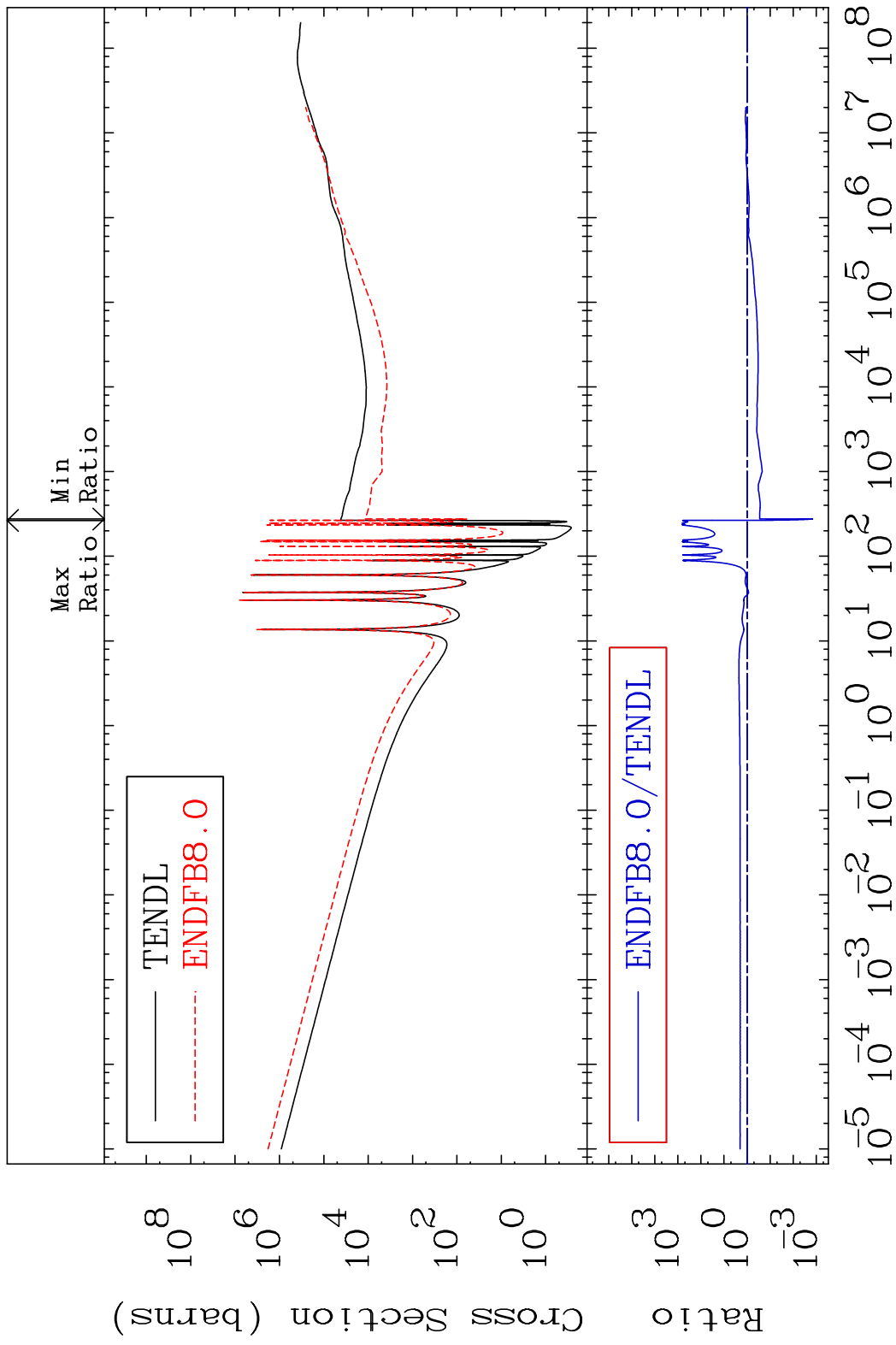


22 Incident Energy (eV) 96-Cm-242

MAT 9631 Total kinematic kerma (high limit) 96-Cm-242
 Cross Section -99.87 To 9999. %



MAT 9631 Dpa total (eV-barns) 96-Cm-242
 Cross Section -99.86 To 9999. %

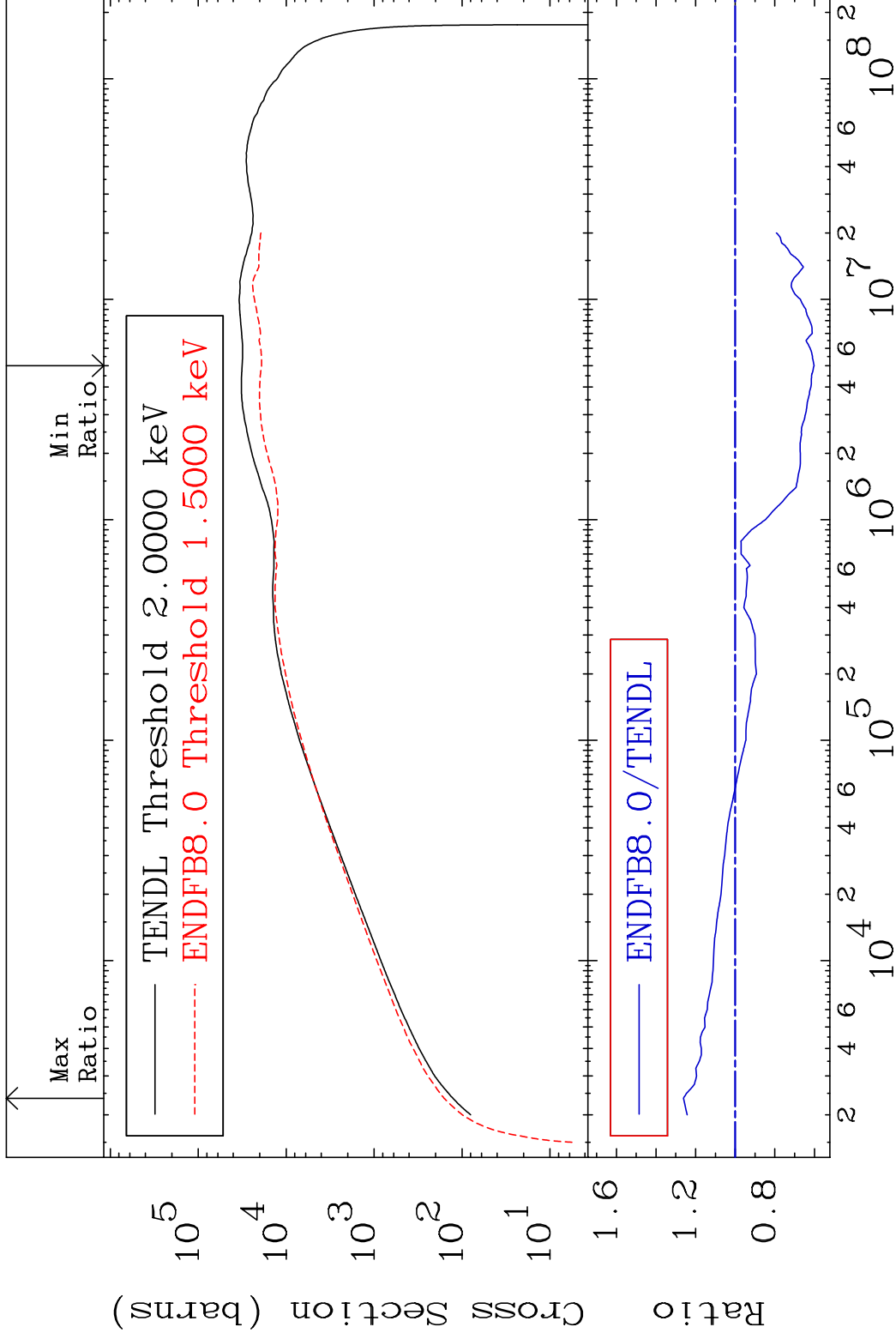


MAT 9631

Dpa elastic (mt2)

96-Cm-242

Cross Section -39.80 To 26.14 %

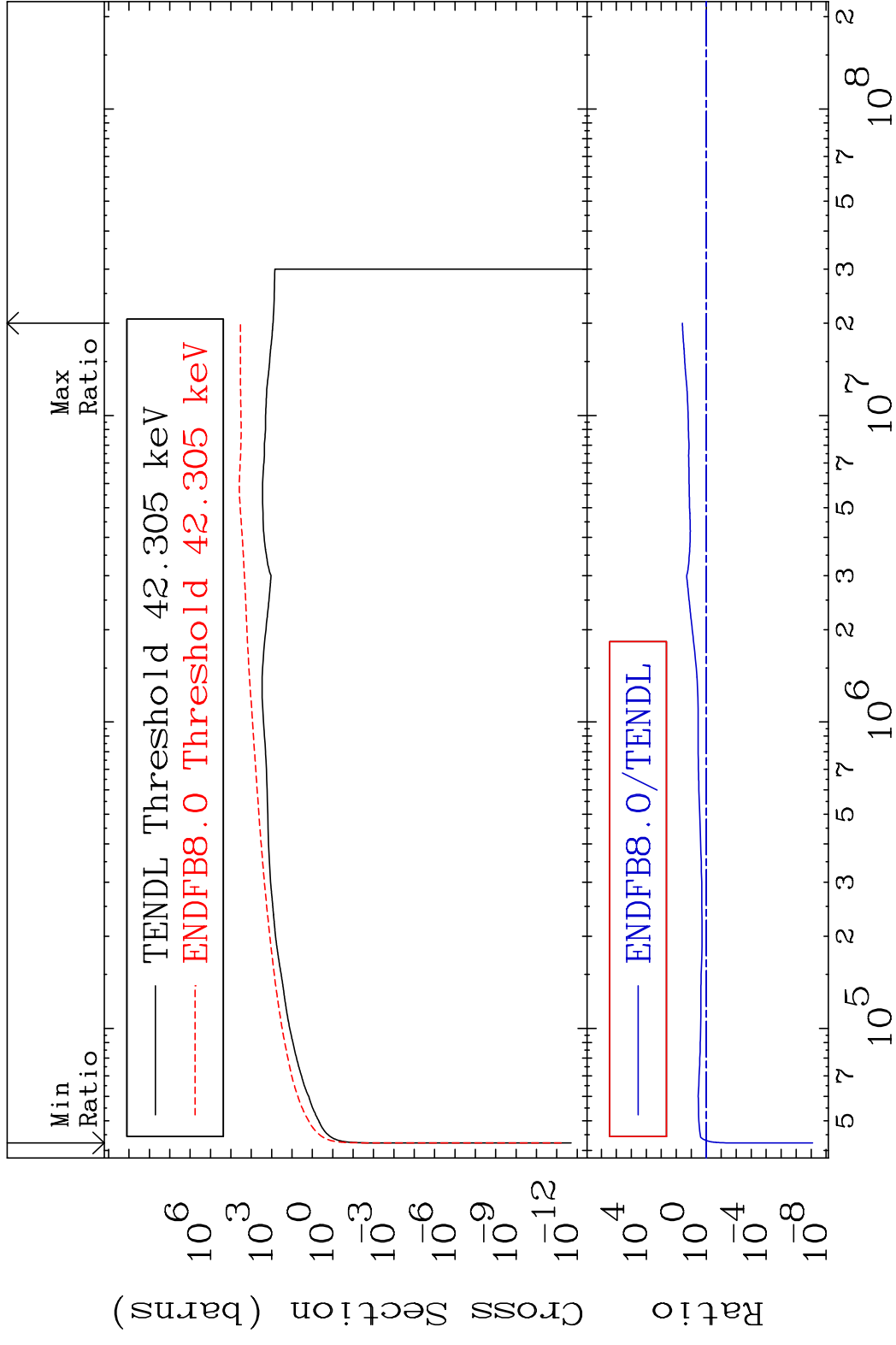


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Incident Energy (eV)

96-Cm-242

MAT 9631 Dpa inelastic (mt51-91) 96-Cm-242
 Cross Section -100.0 To 3825. %



MAT 9631 Dpa disappearance (mt102 -120) 96-Cm-242
 Cross Section -100.0 To 9999. %

