

Program Complot
(Version 2018-1)

by

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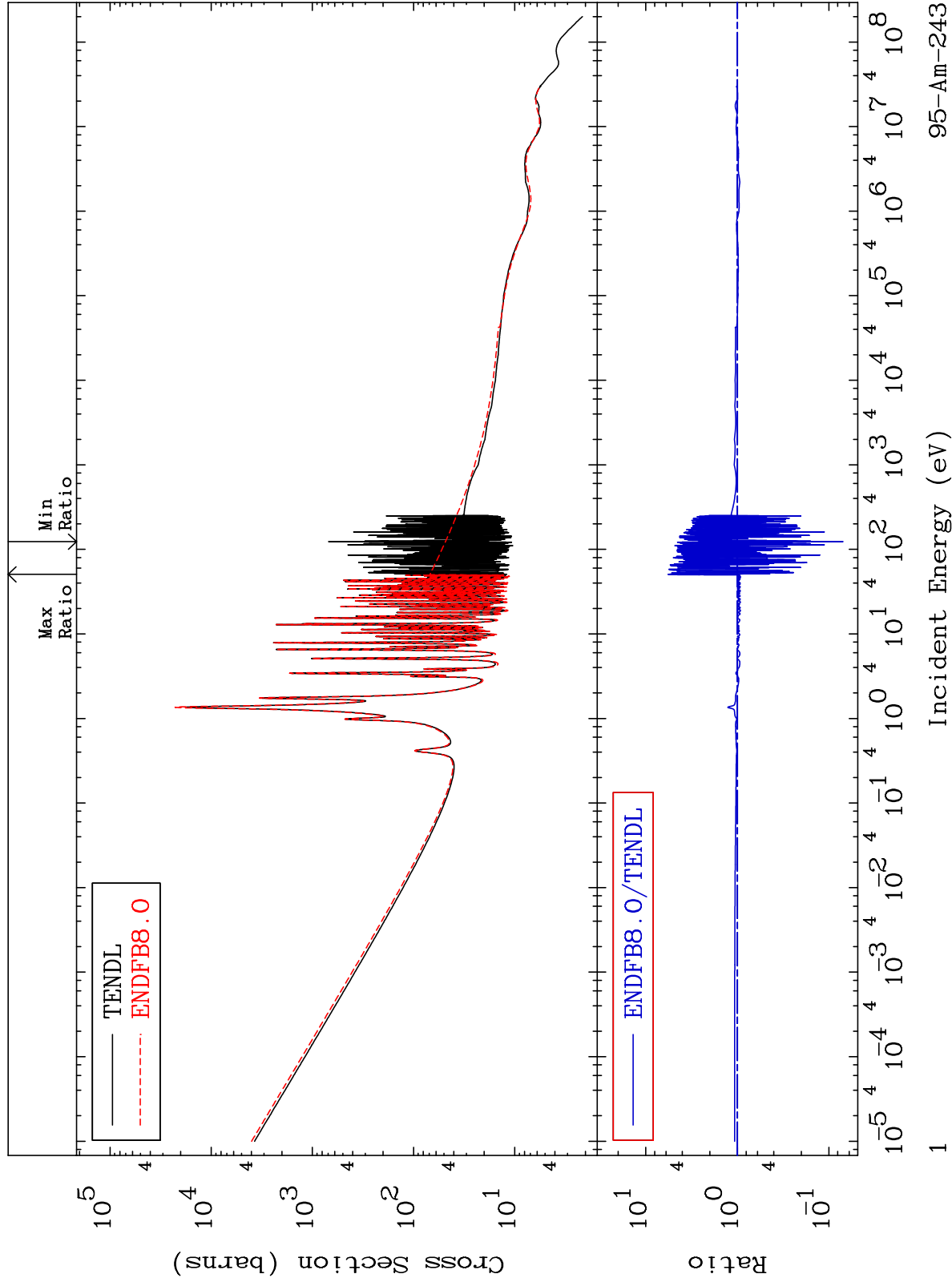
Press Mouse Button to Start

MAT 9549

95-Am-243

-92.97 To 471.8 %

Total
Cross Section



95-Am-243

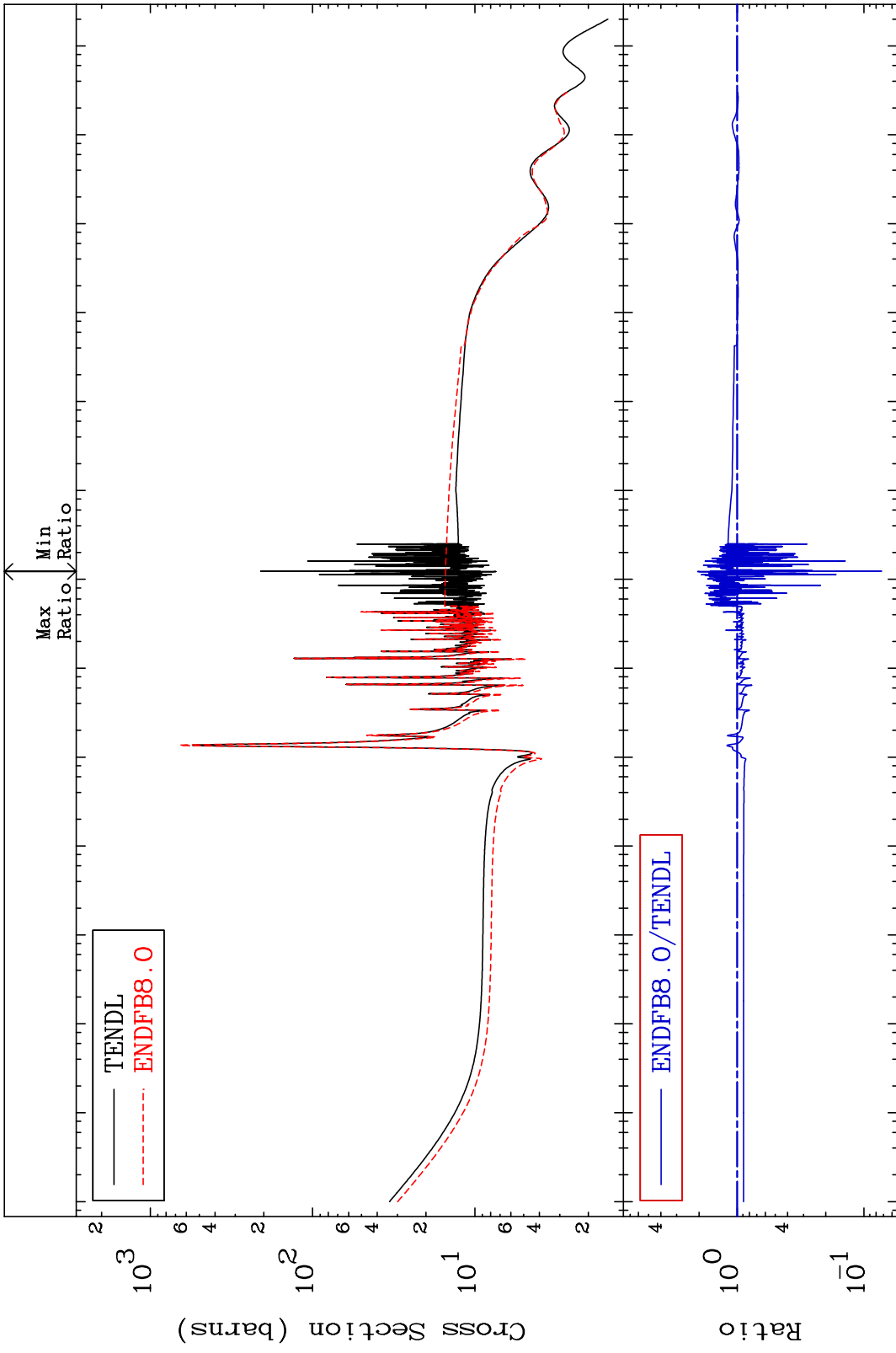
MAT 9549

Elastic

95-Am-243

Cross Section

-92.74 To 104.4 %



Incident Energy (eV)

95-Am-243

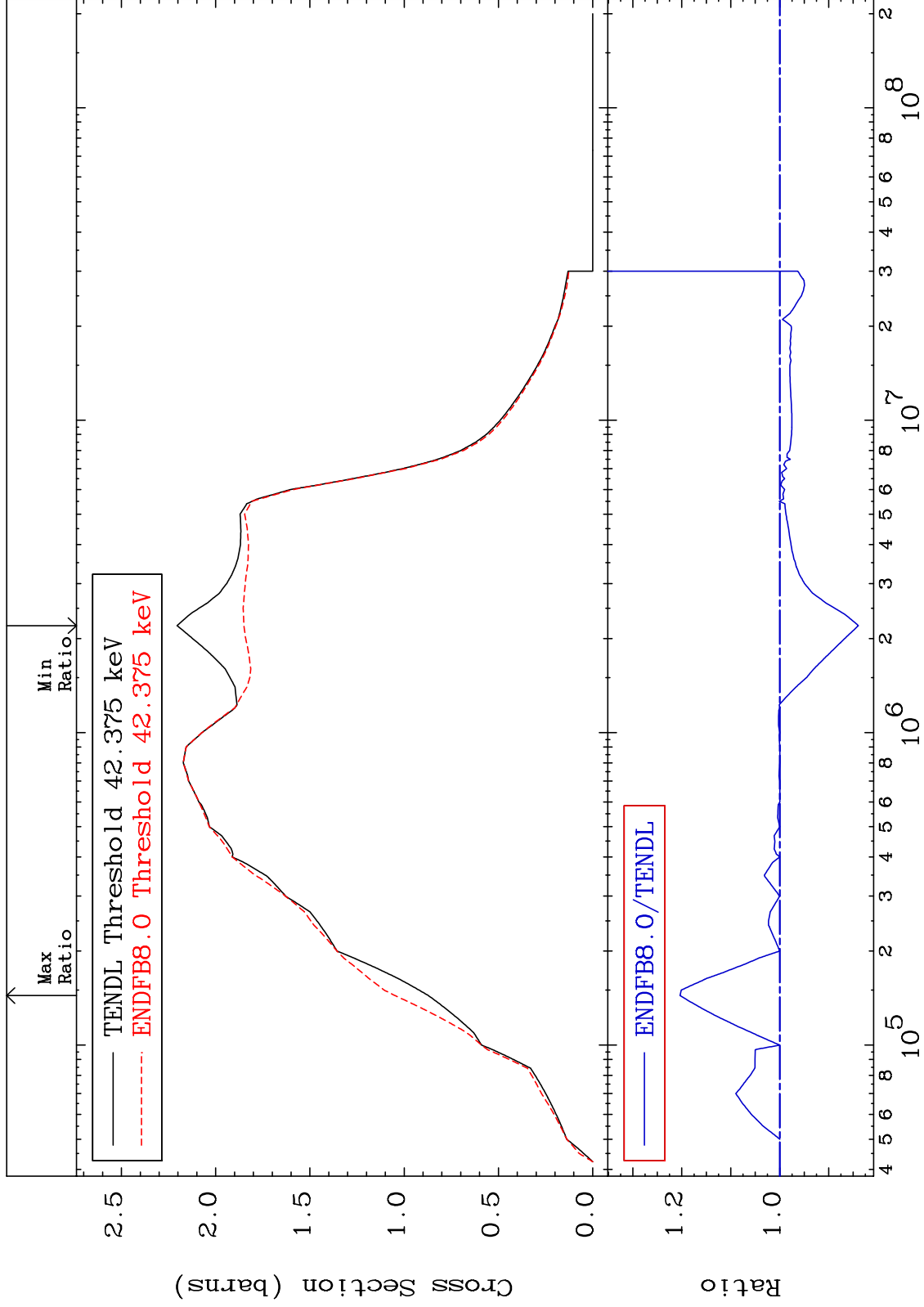
2

MAT 9549

Inelastic
Cross Section

95-Am-243

-16.06 To 20.36 %



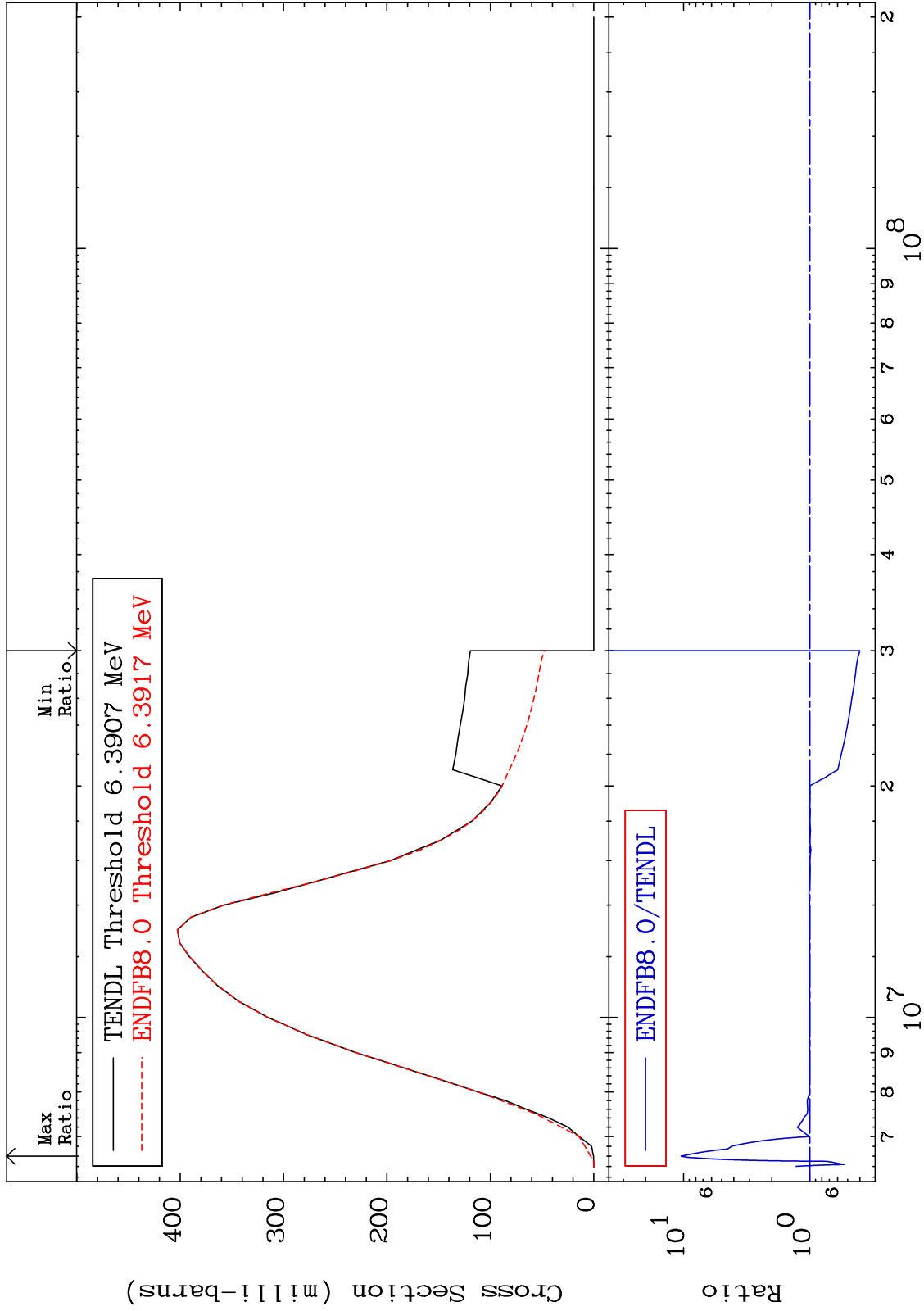
MAT 9549

(n,2n)

95-Am-243

Cross Section

-60.04 To 943.7 %



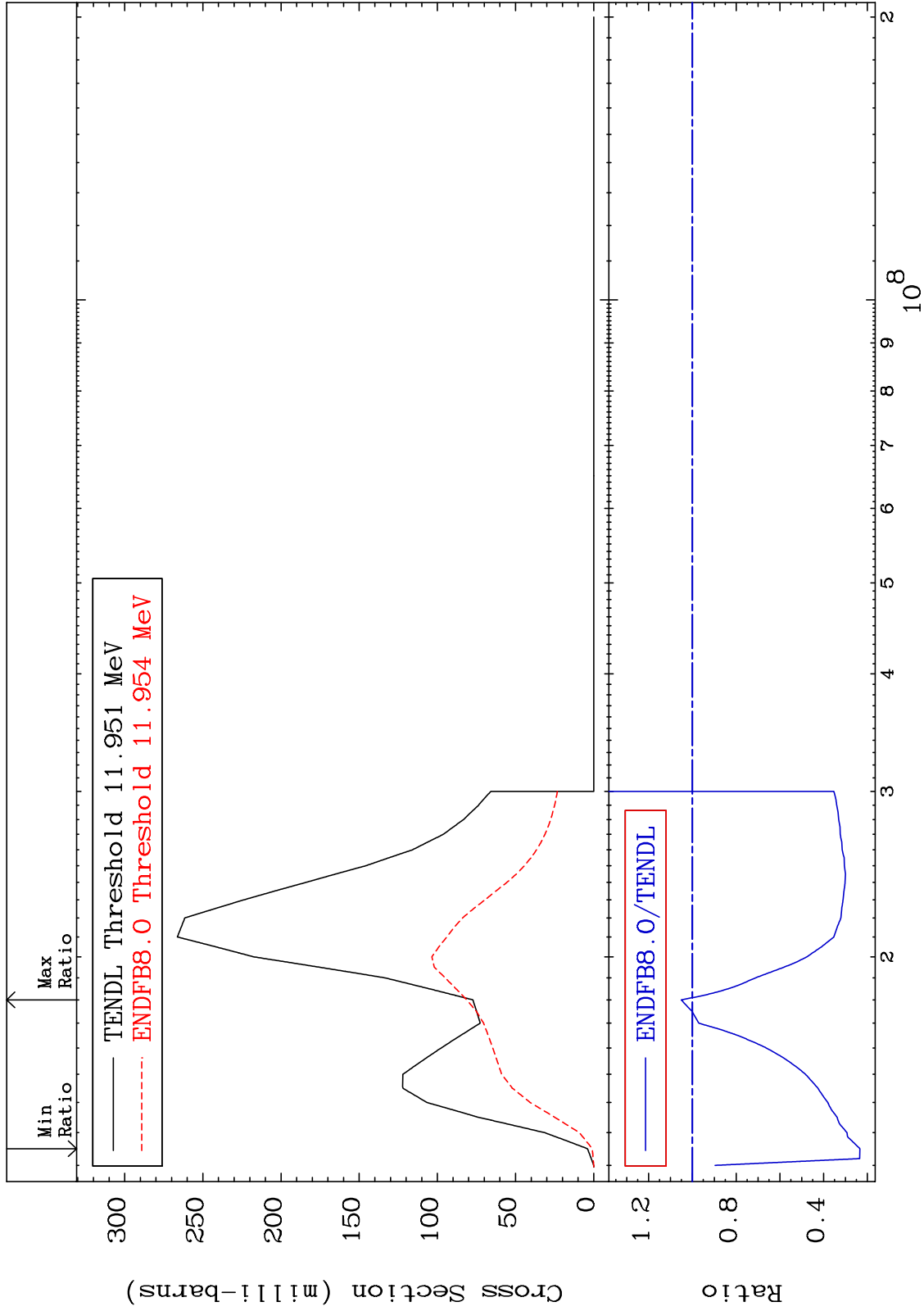
MAT 9549

(n, 3n)

95-Am-243

Cross Section

-76.62 To 5.112 %



Incident Energy (eV)

95-Am-243

5

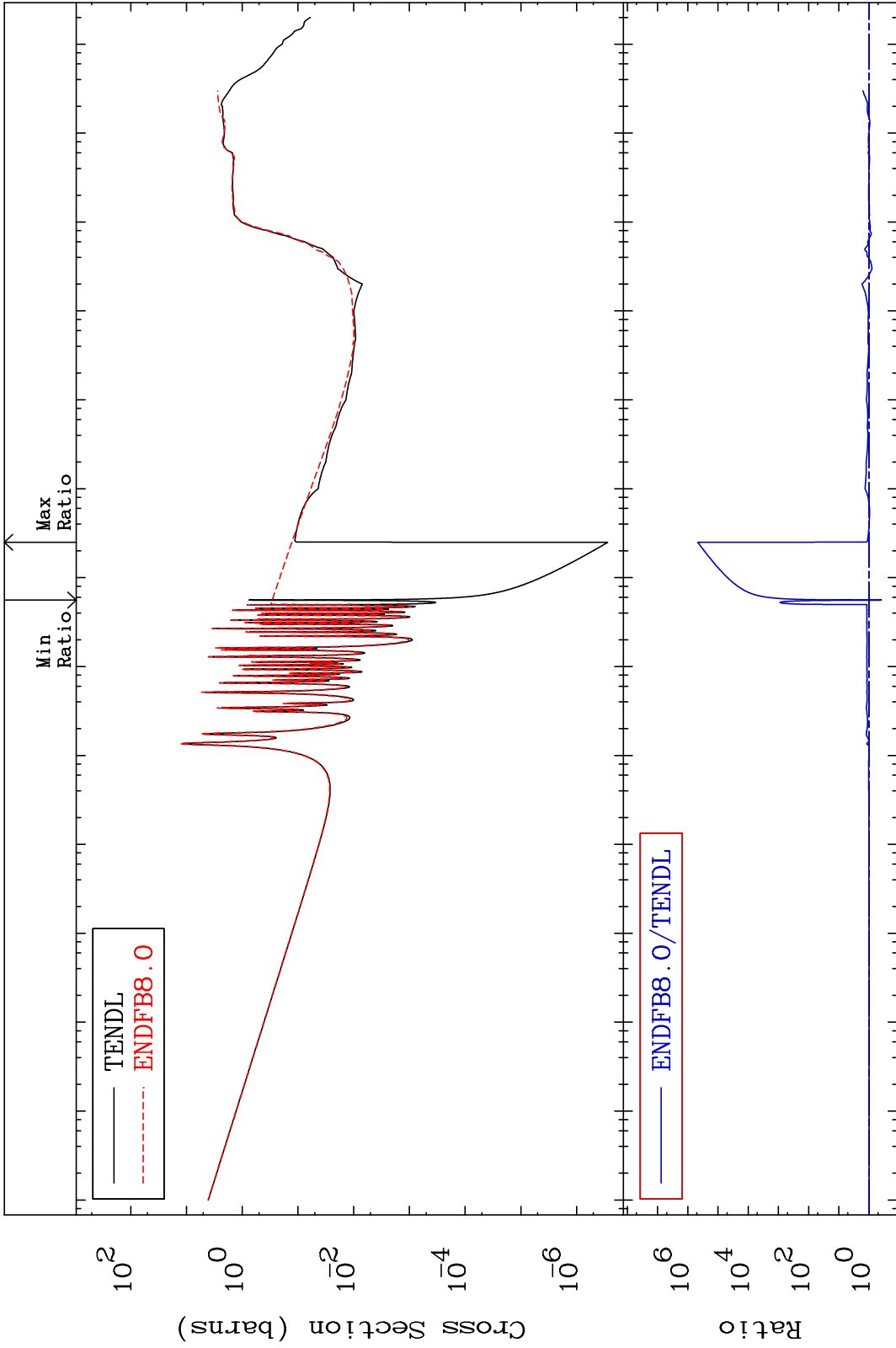
MAT 9549

Fission

95-Am-243

-61.52 To 9999. %

Cross Section



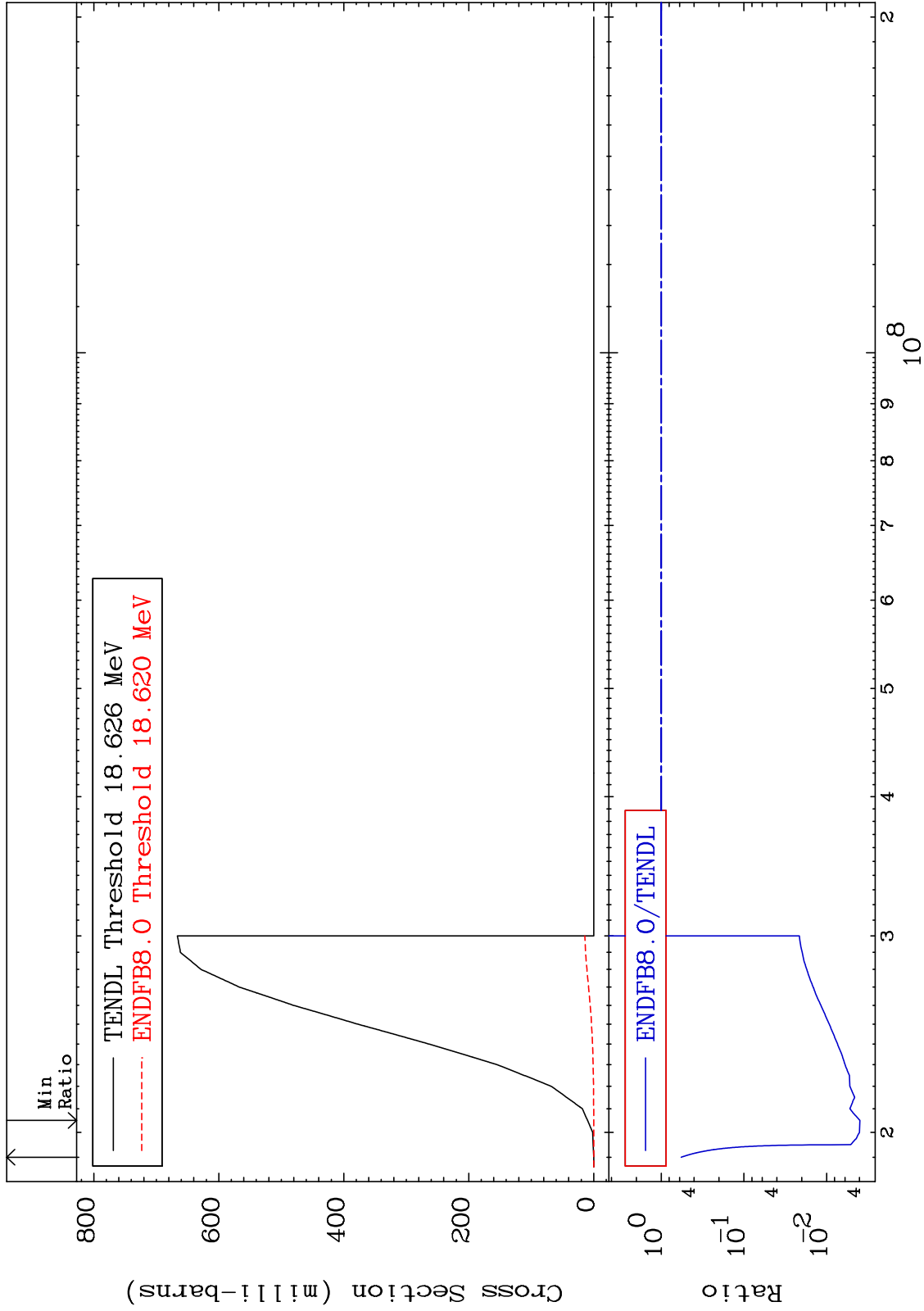
MAT 9549

(n, 4n)

95-Am-243

Cross Section

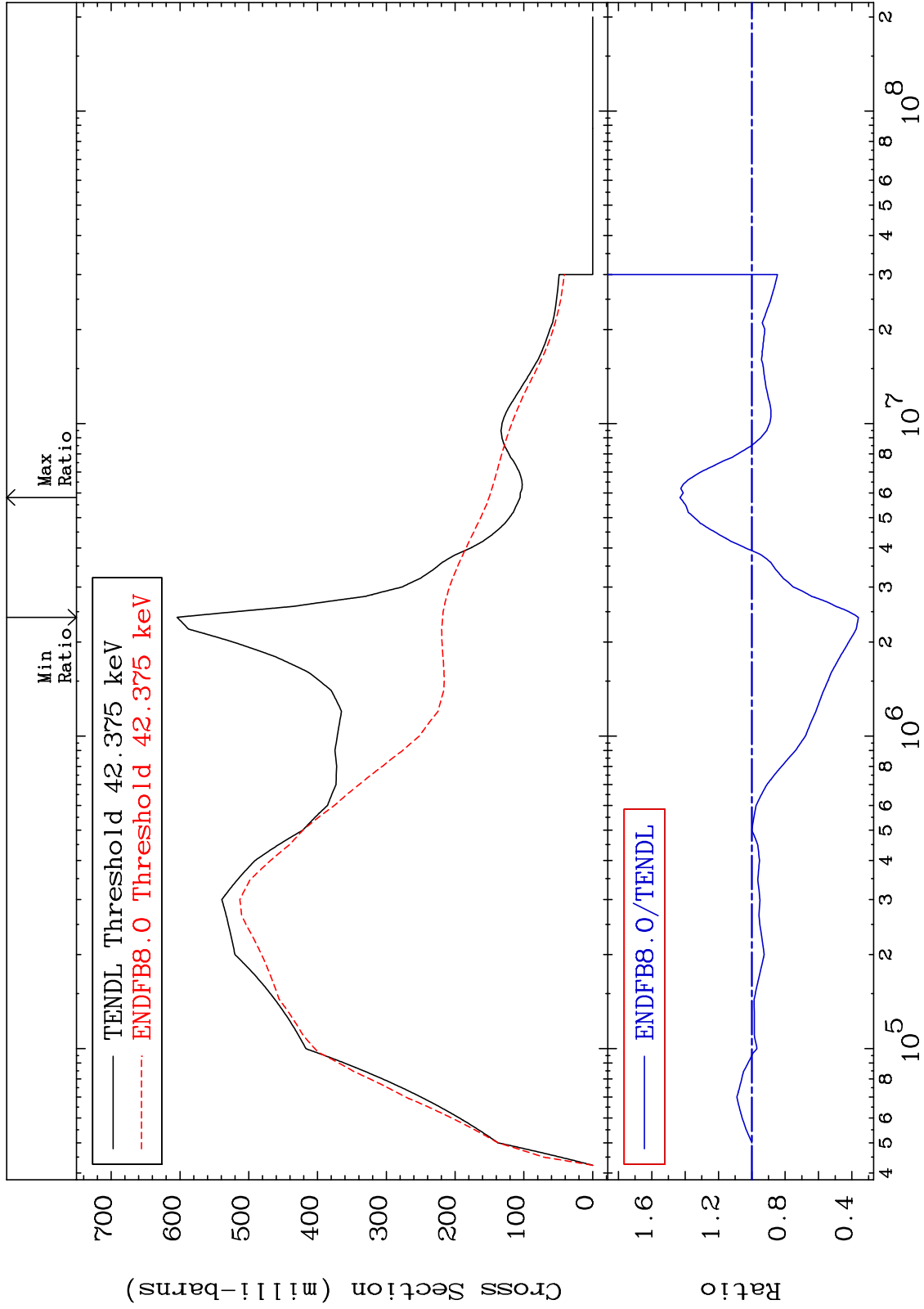
-99.60 To -42.76%



MAT 9549

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

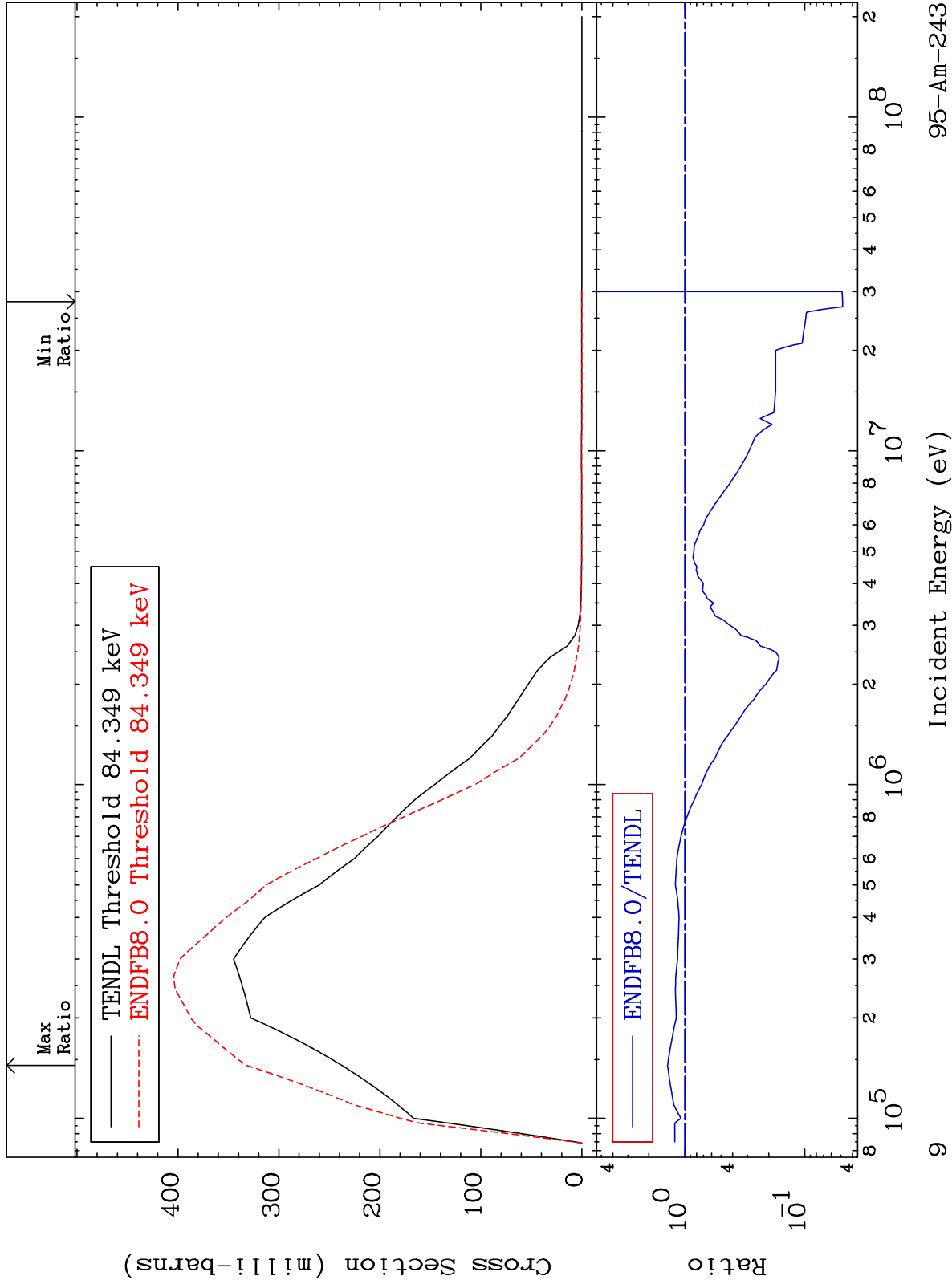
95-Am-243
-63.90 To 43.05 %



MAT 9549

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

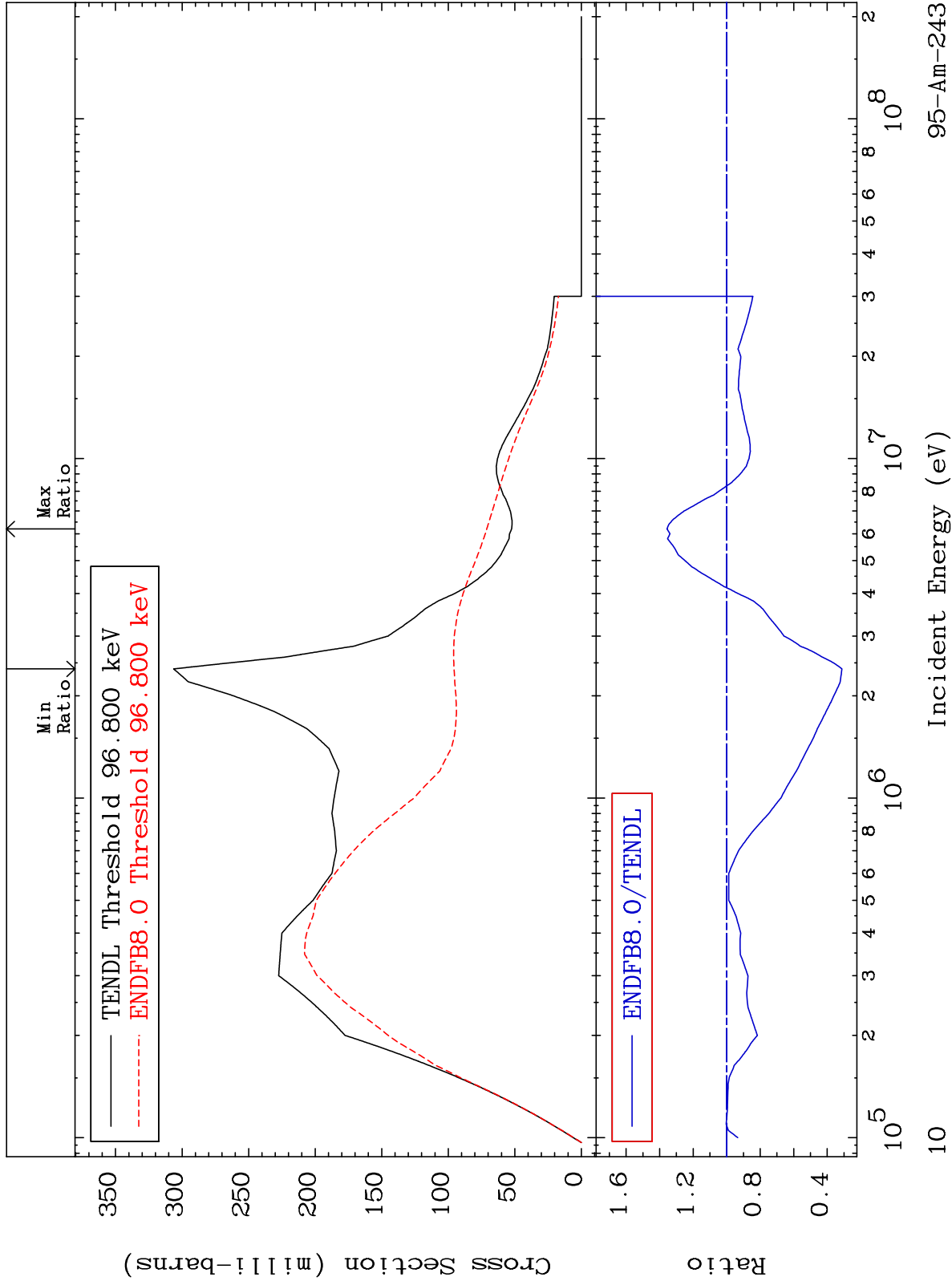
95-Am-243
-95.17 To 39.74 %



MAT 9549

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

95-Am-243
-68.79 To 35.63 %

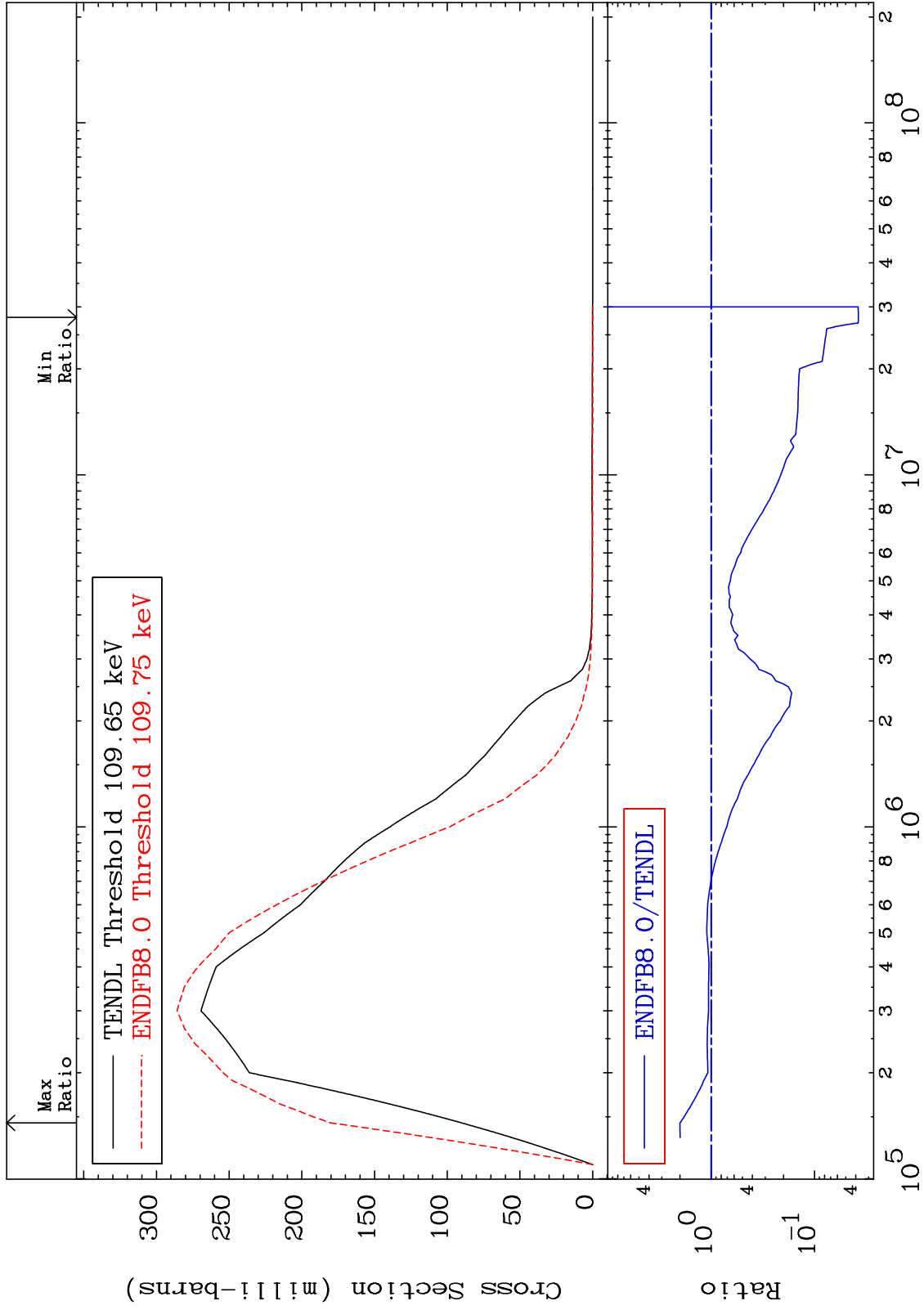


95-Am-243

MAT 9549

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

95-Am-243
-96.23 To 100.1 %



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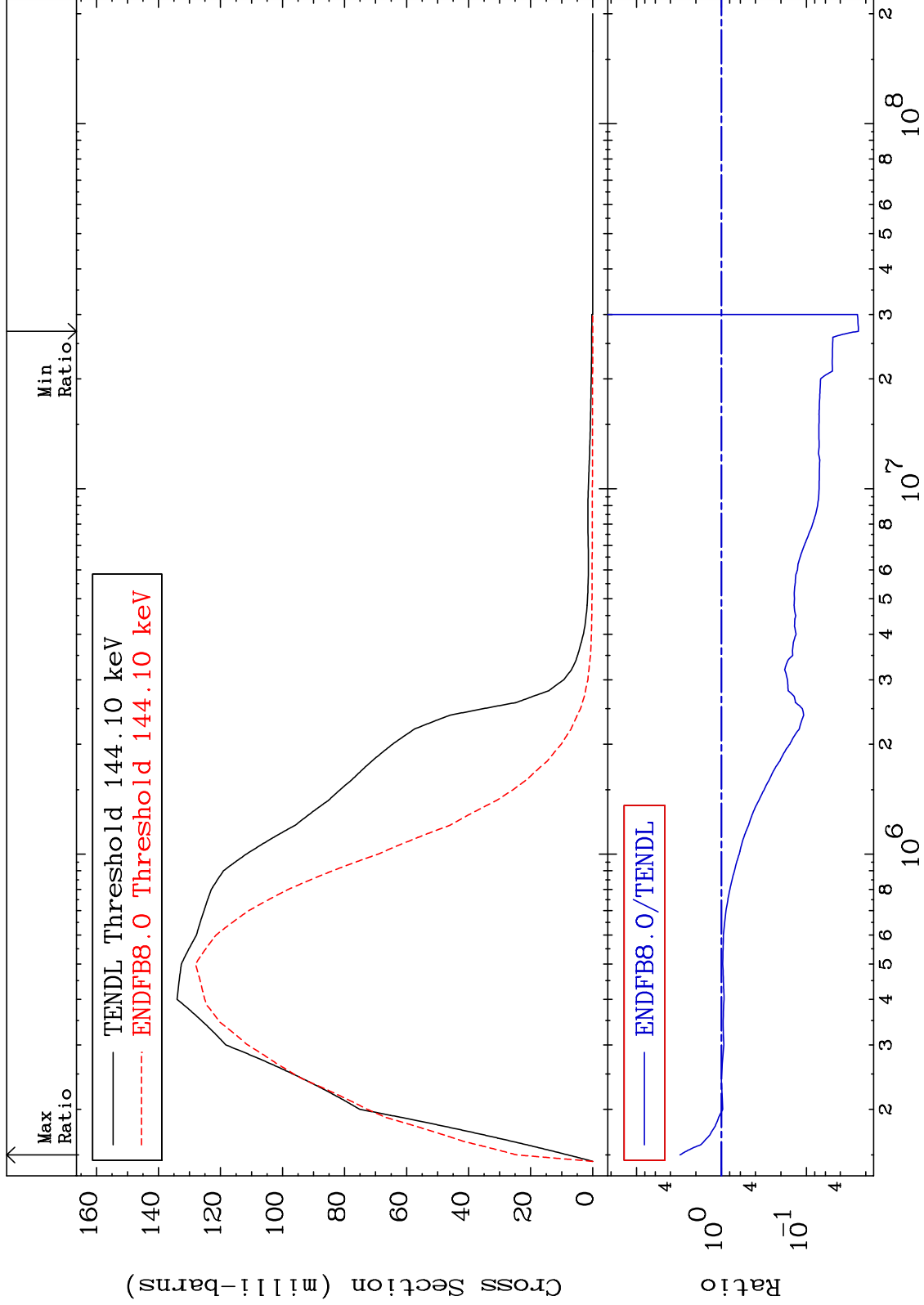
Incident Energy (eV)

95-Am-243

MAT 9549

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

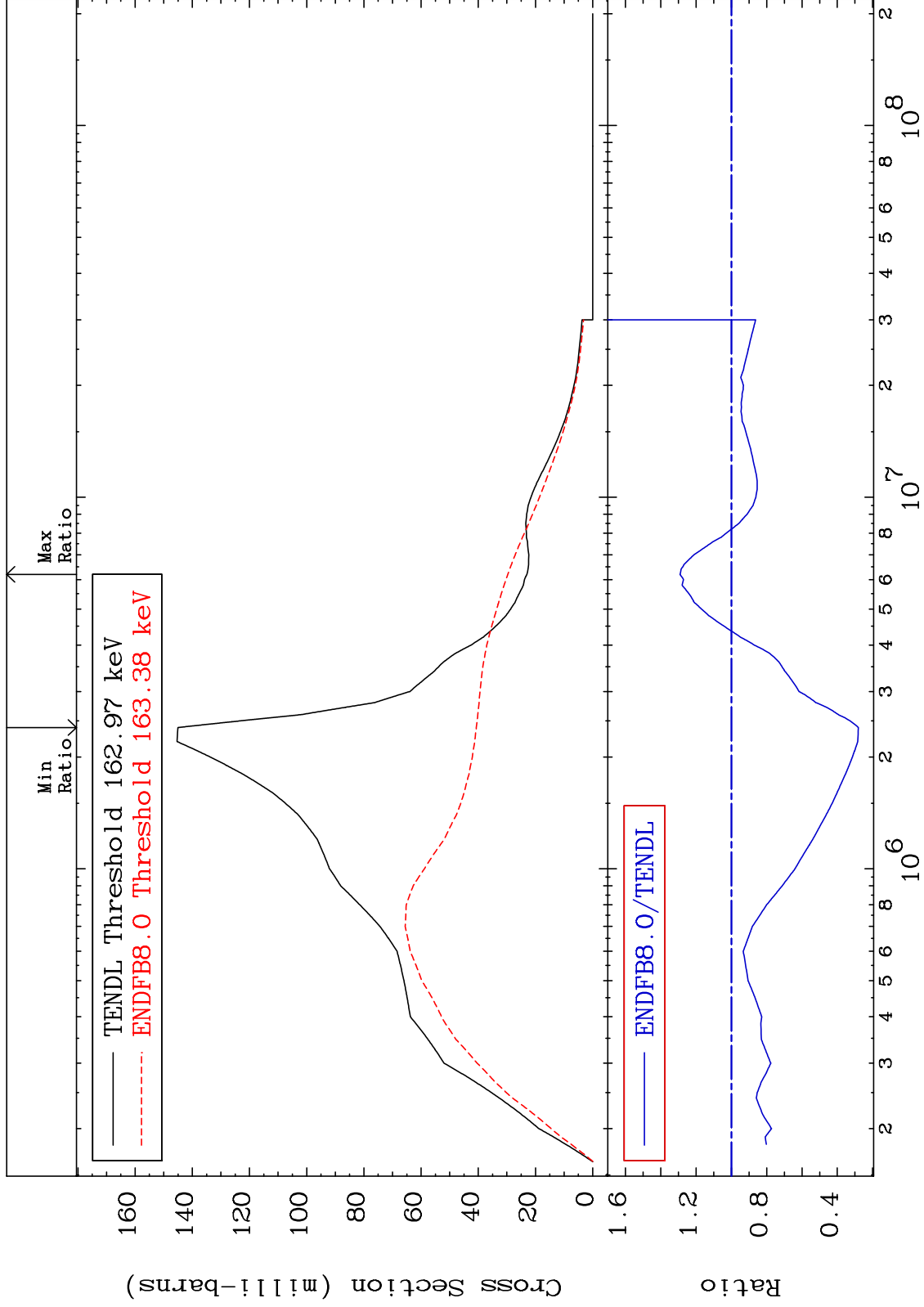
95-Am-243
-97.55 To 207.7 %



MAT 9549

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

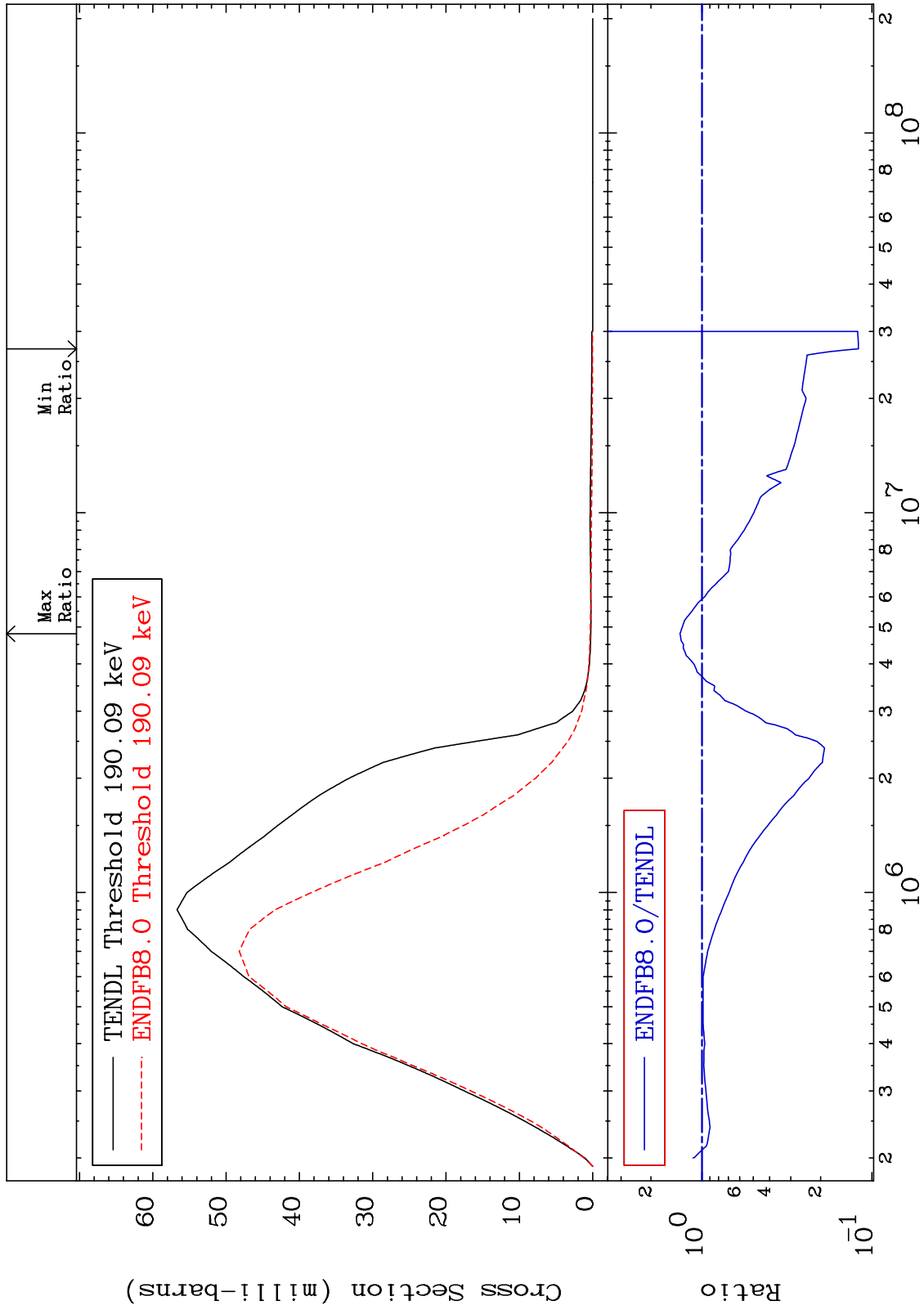
95-Am-243
-71.95 To 29.09 %



MAT 9549

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

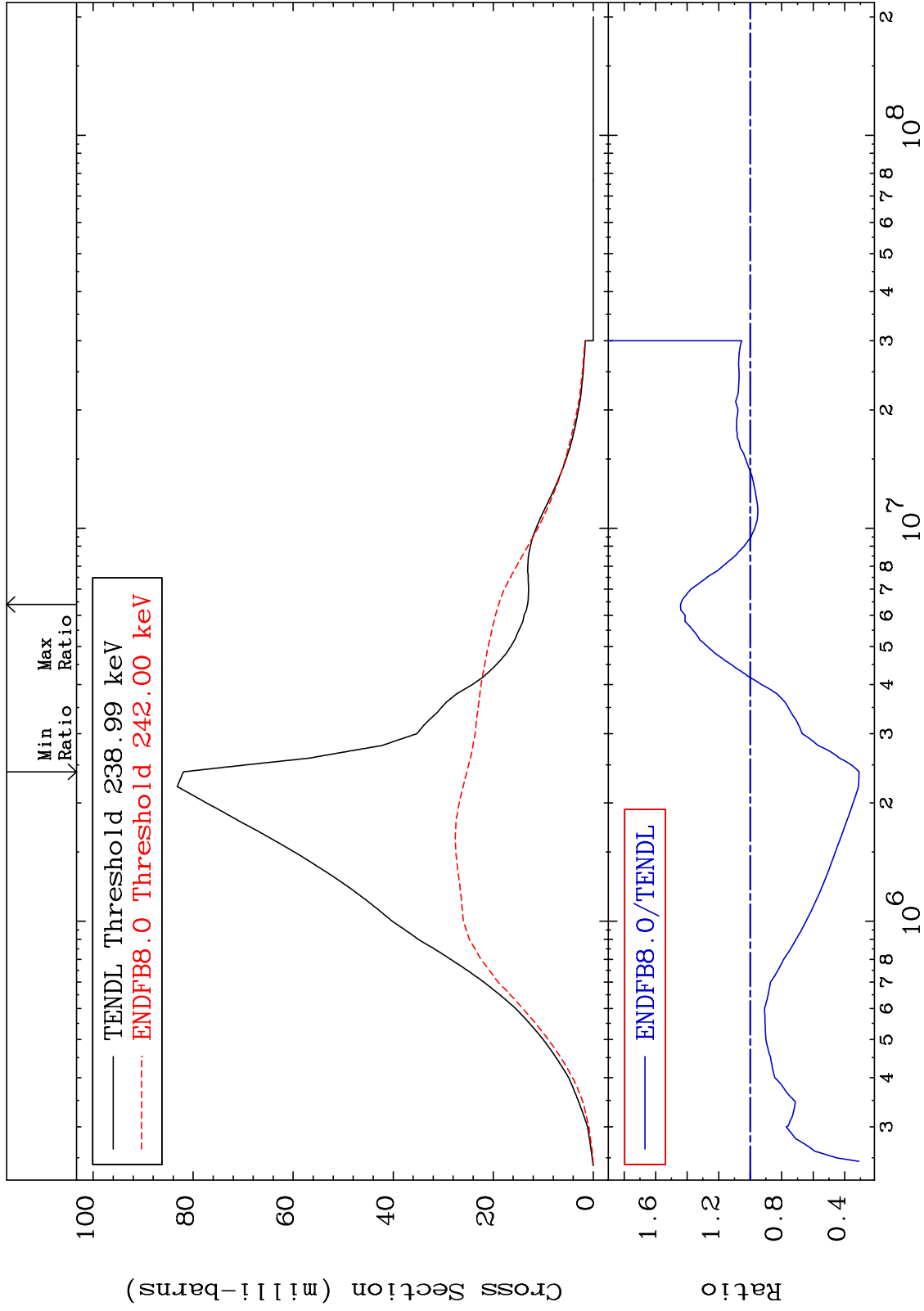
95-Am-243
-88.01 To 34.82 %



MAT 9549

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

95-Am-243
-69.16 To 44.15 %



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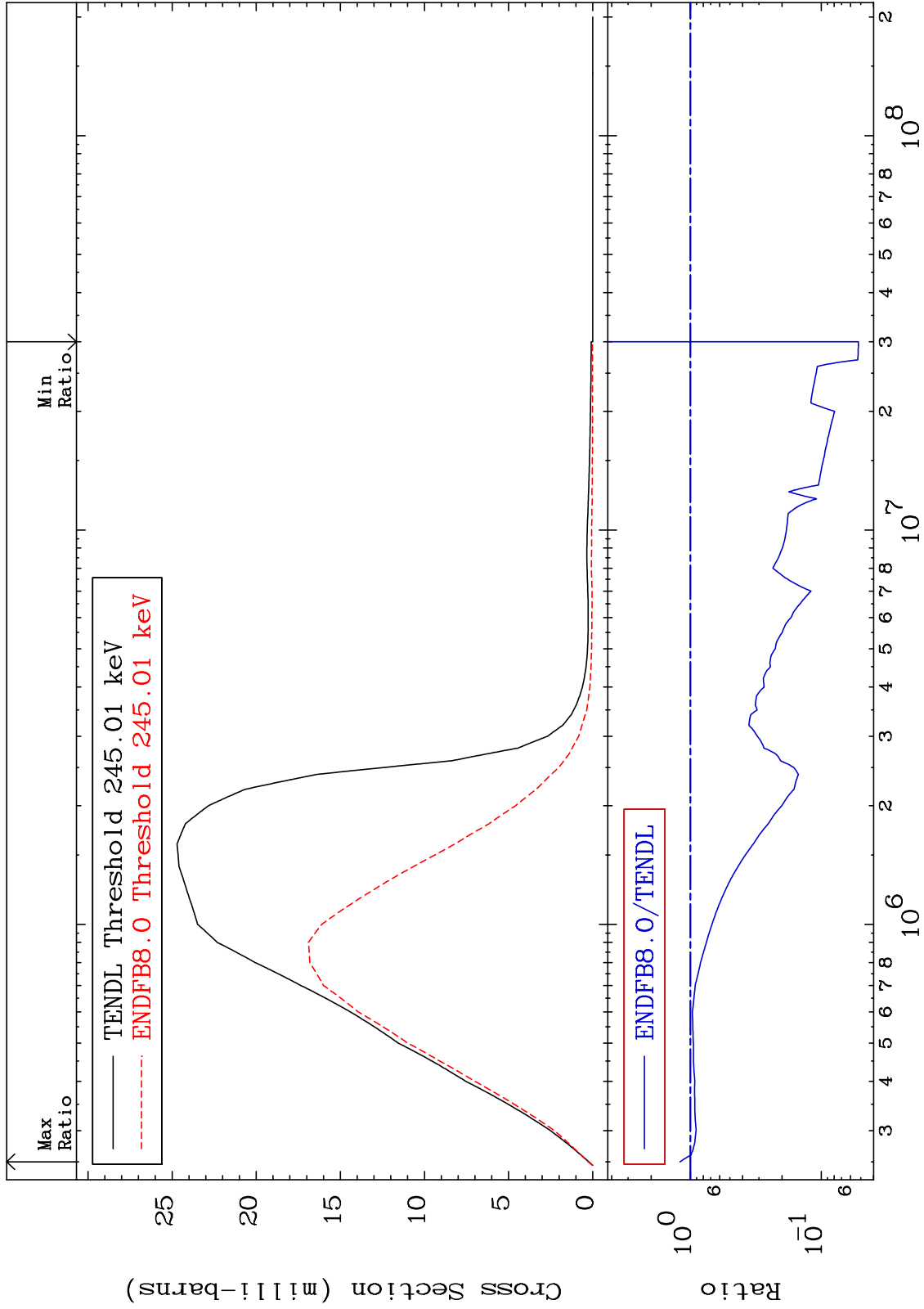
Incident Energy (eV)

95-Am-243

MAT 9549

MT= 59 (n,n') Level
Cross Section

95-Am-243
-94.79 To 20.29 %

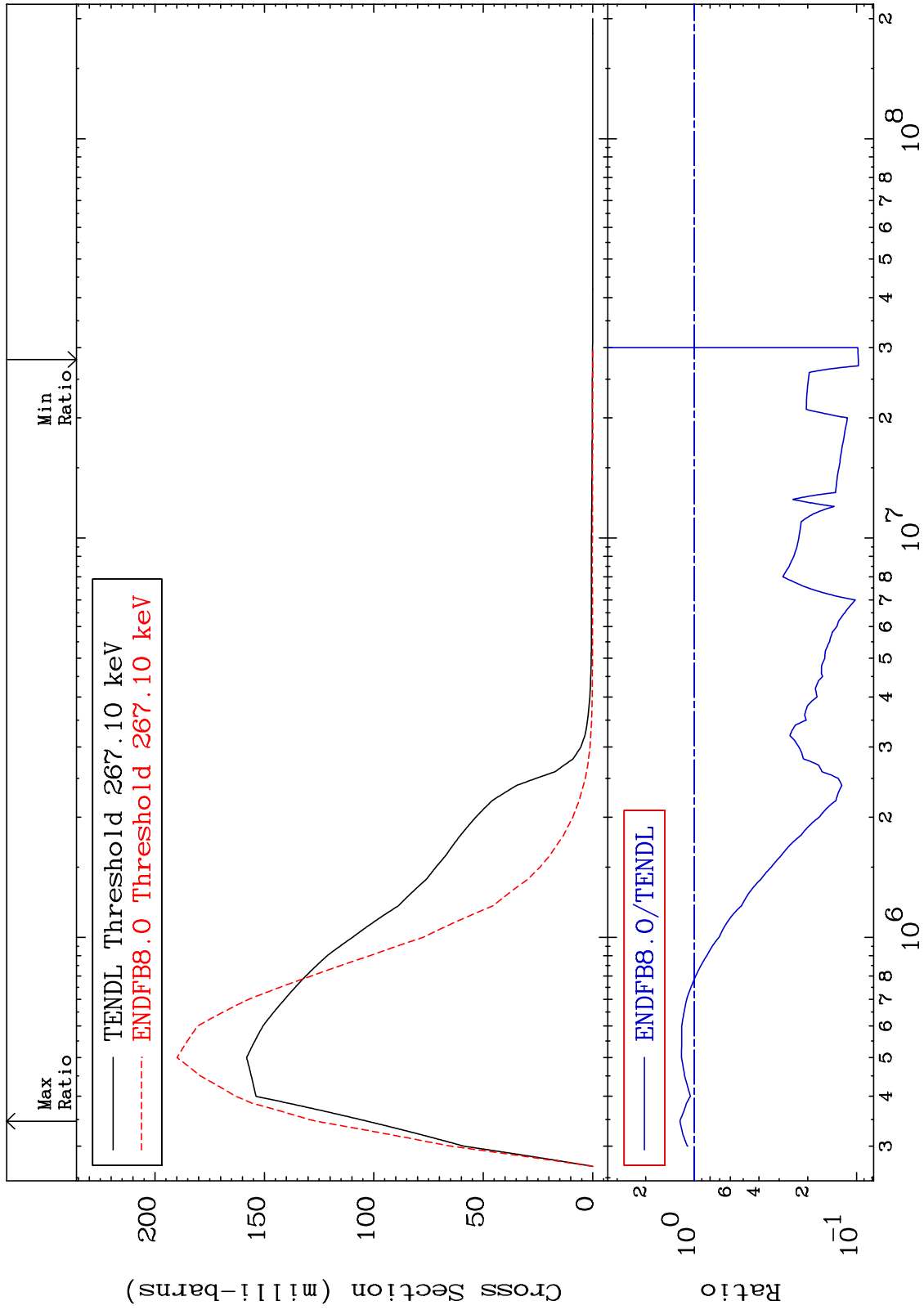


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Incident Energy (eV)

95-Am-243

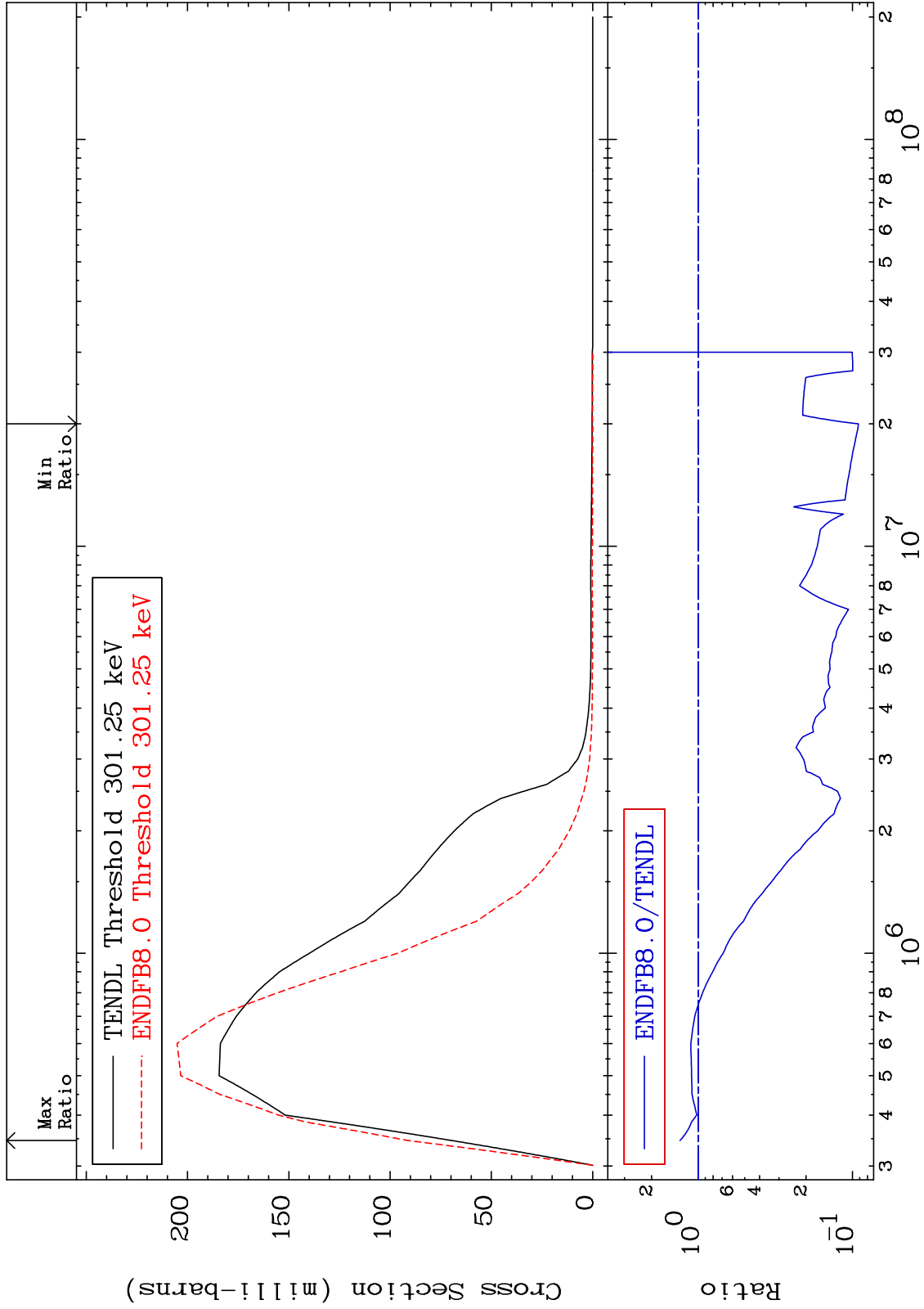
MAT 9549 MT= 60 (n,n') Level Cross Section 95-Am-243
 -90.26 To 22.73 %



MAT 9549

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

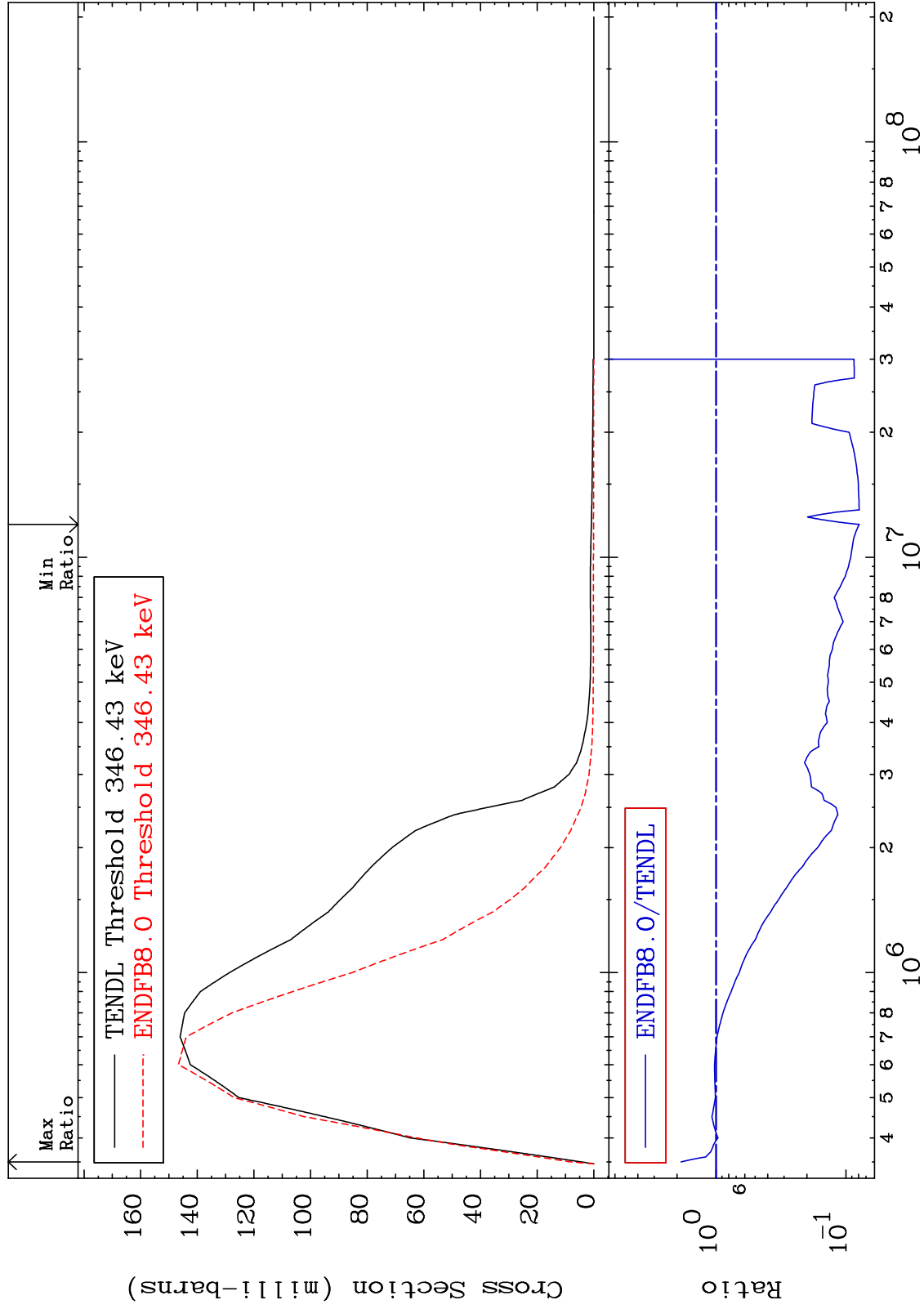
95-Am-243
-90.84 To 31.10 %



MAT 9549

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

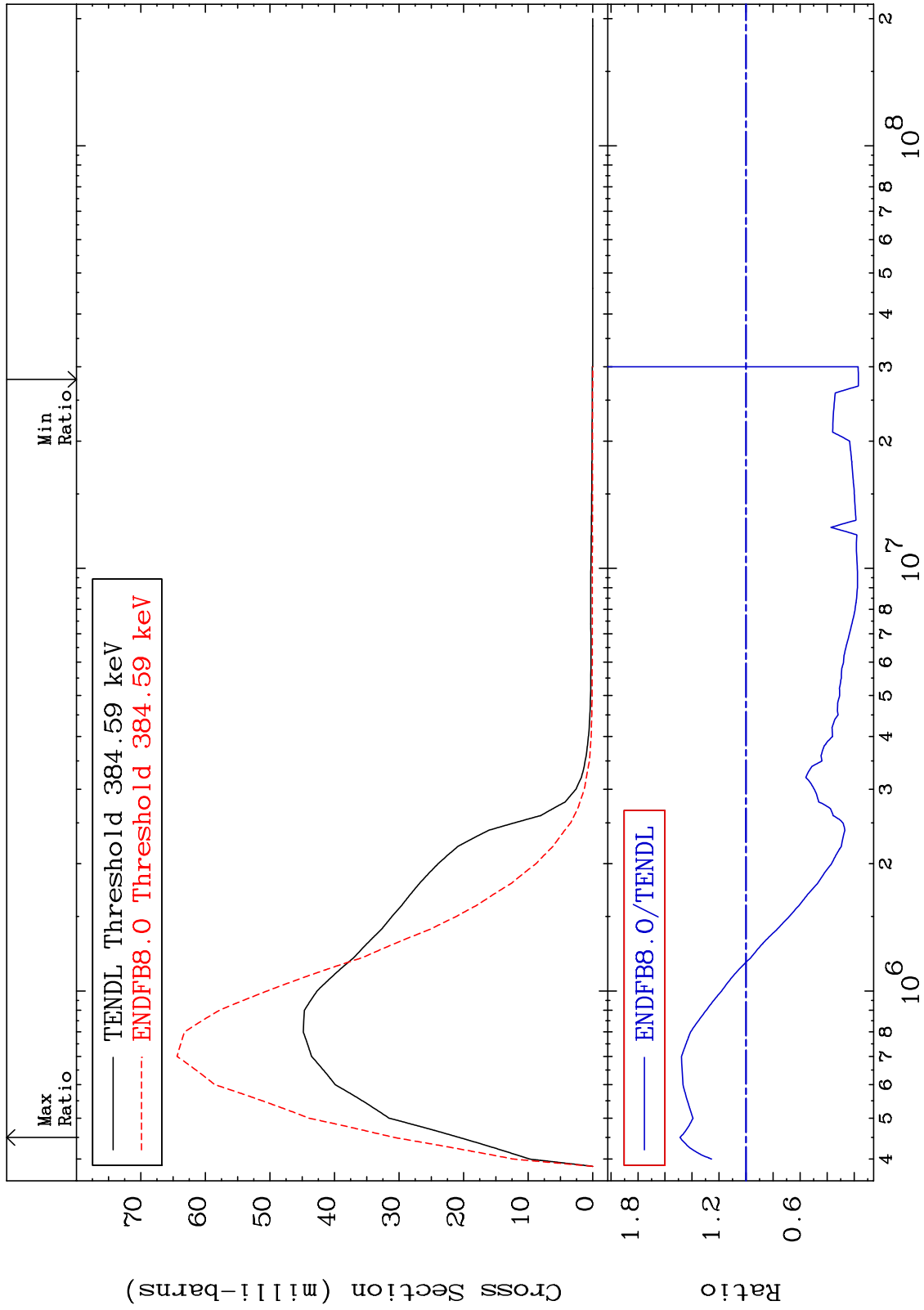
95-Am-243
-92.11 To 86.07 %



MAT 9549

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

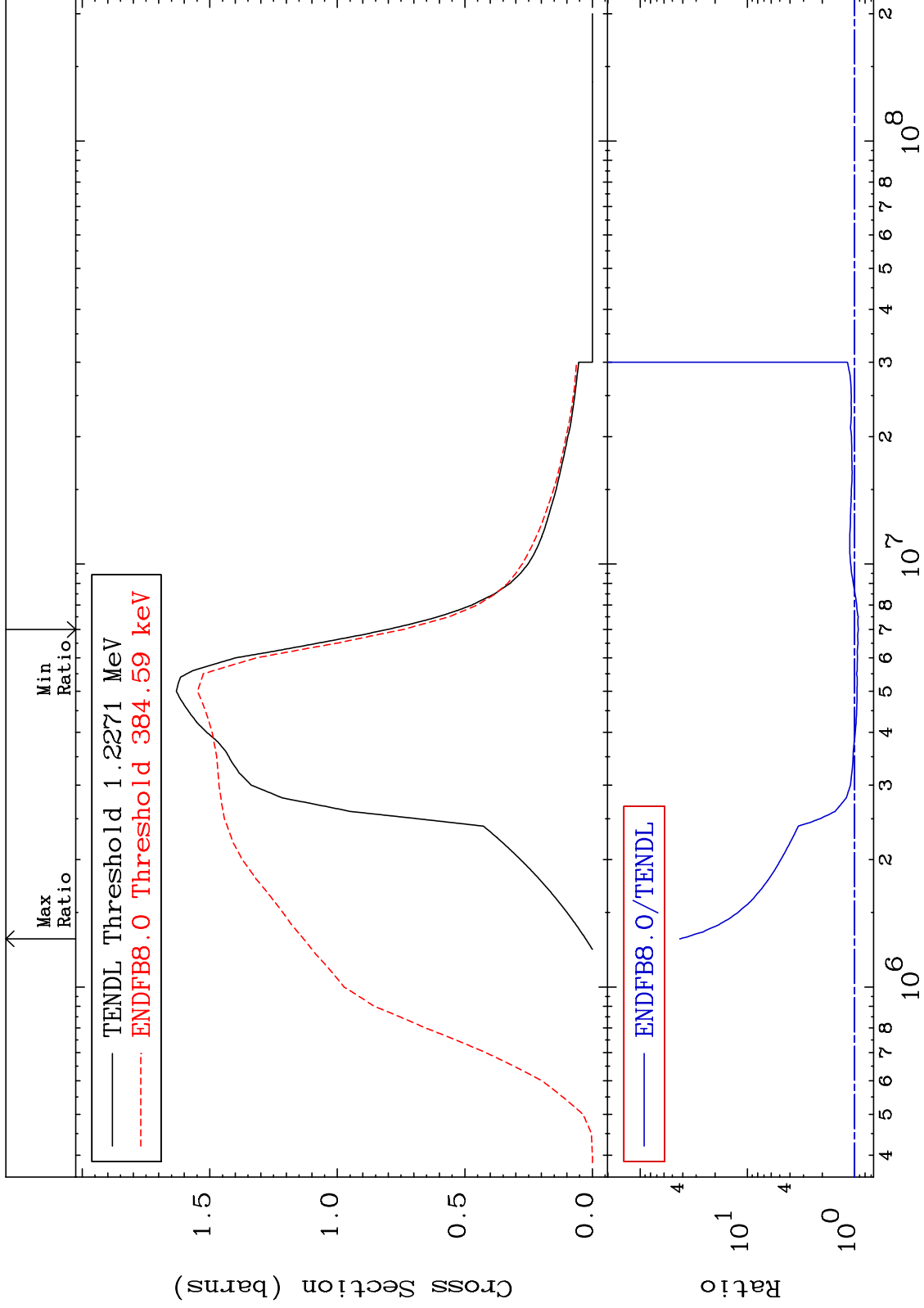
95-Am-243
-83.15 To 48.88 %



MAT 9549

(n, n') Continuum
Cross Section

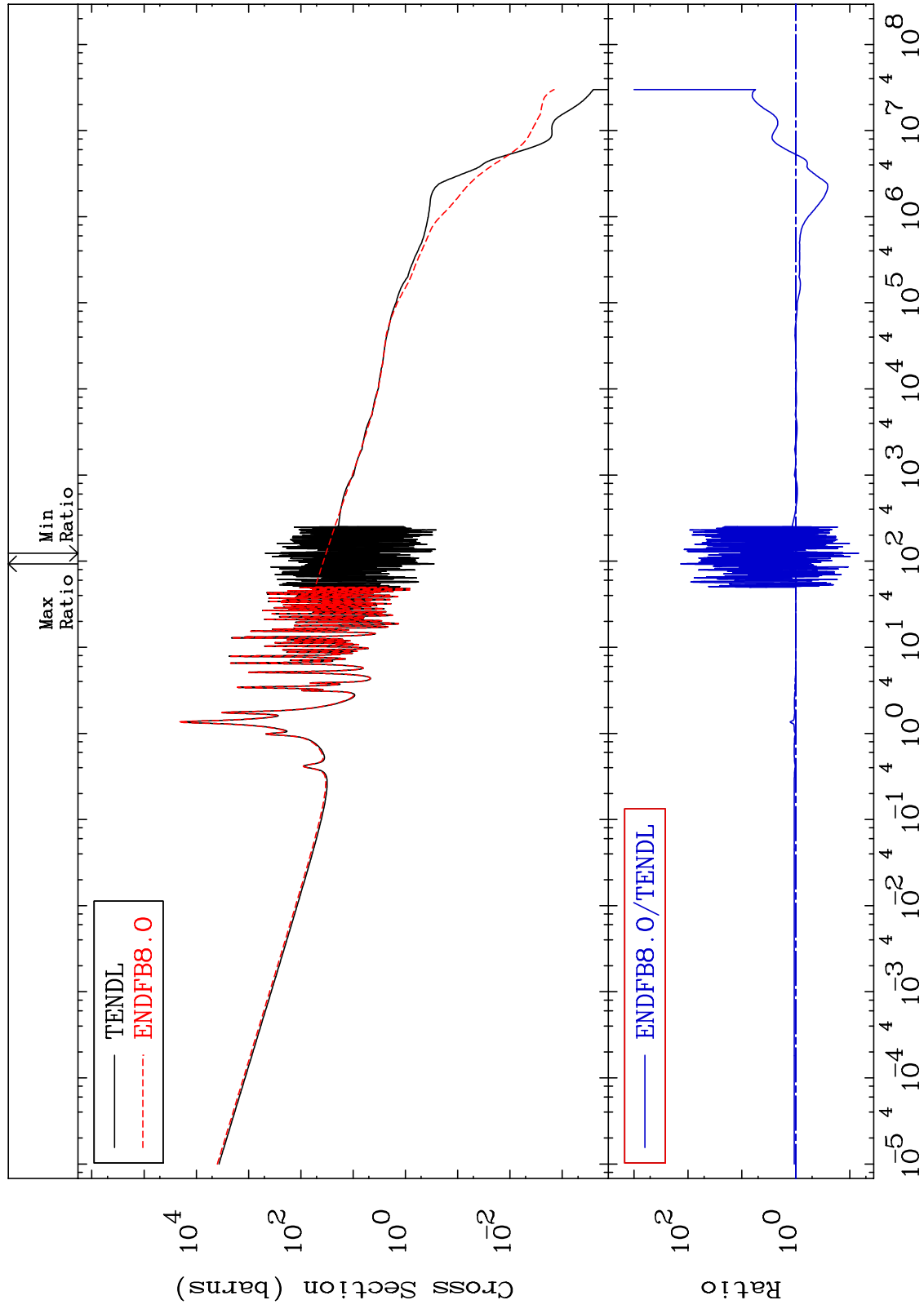
95-Am-243
-7.725 To 4166. %



MAT 9549

(n, γ)
Cross Section

95-Am-243
-93.13 To 9999. %



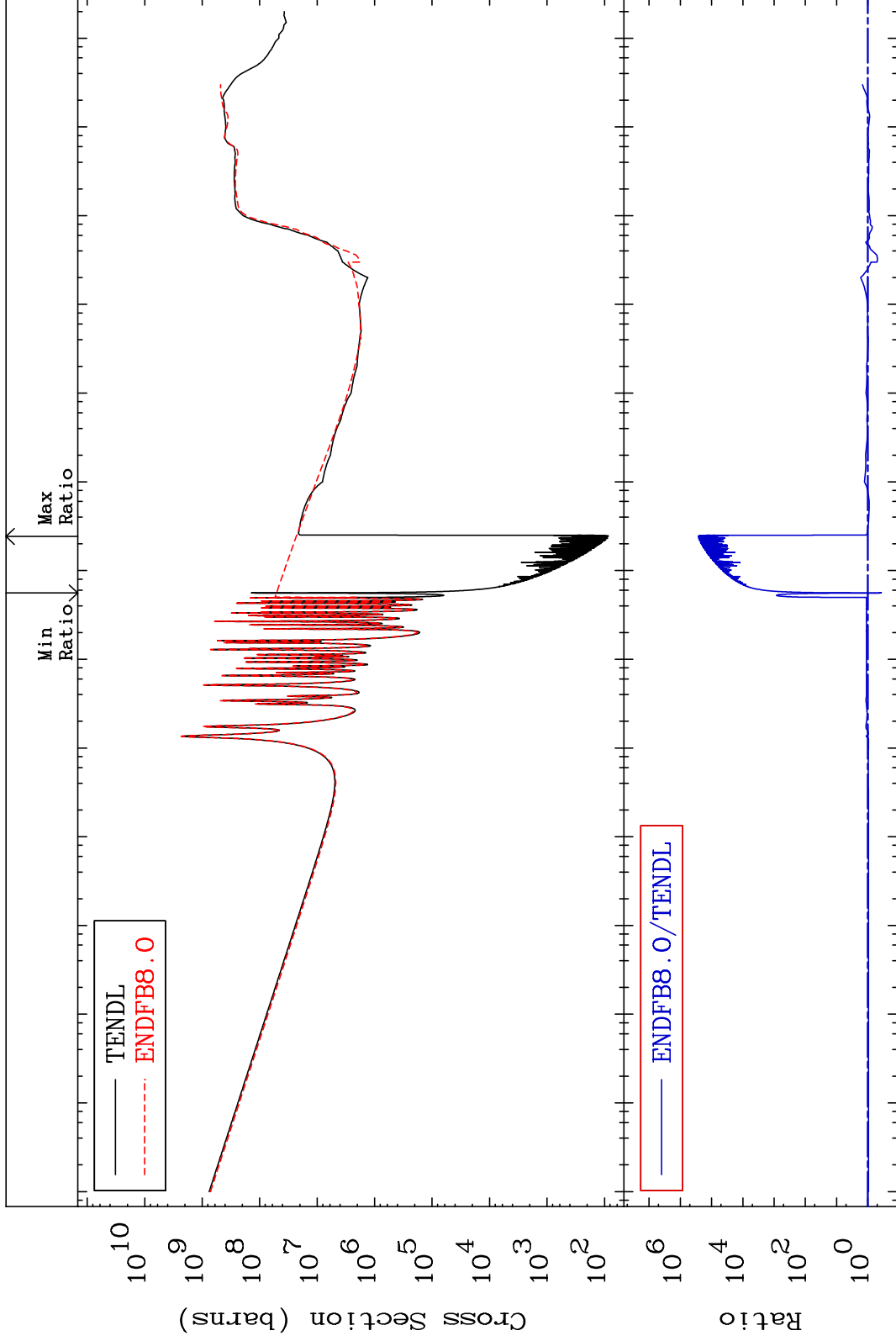
MAT 9549

Kerma total (eV-barns)

95-Am-243

-63.46 To 9999. %

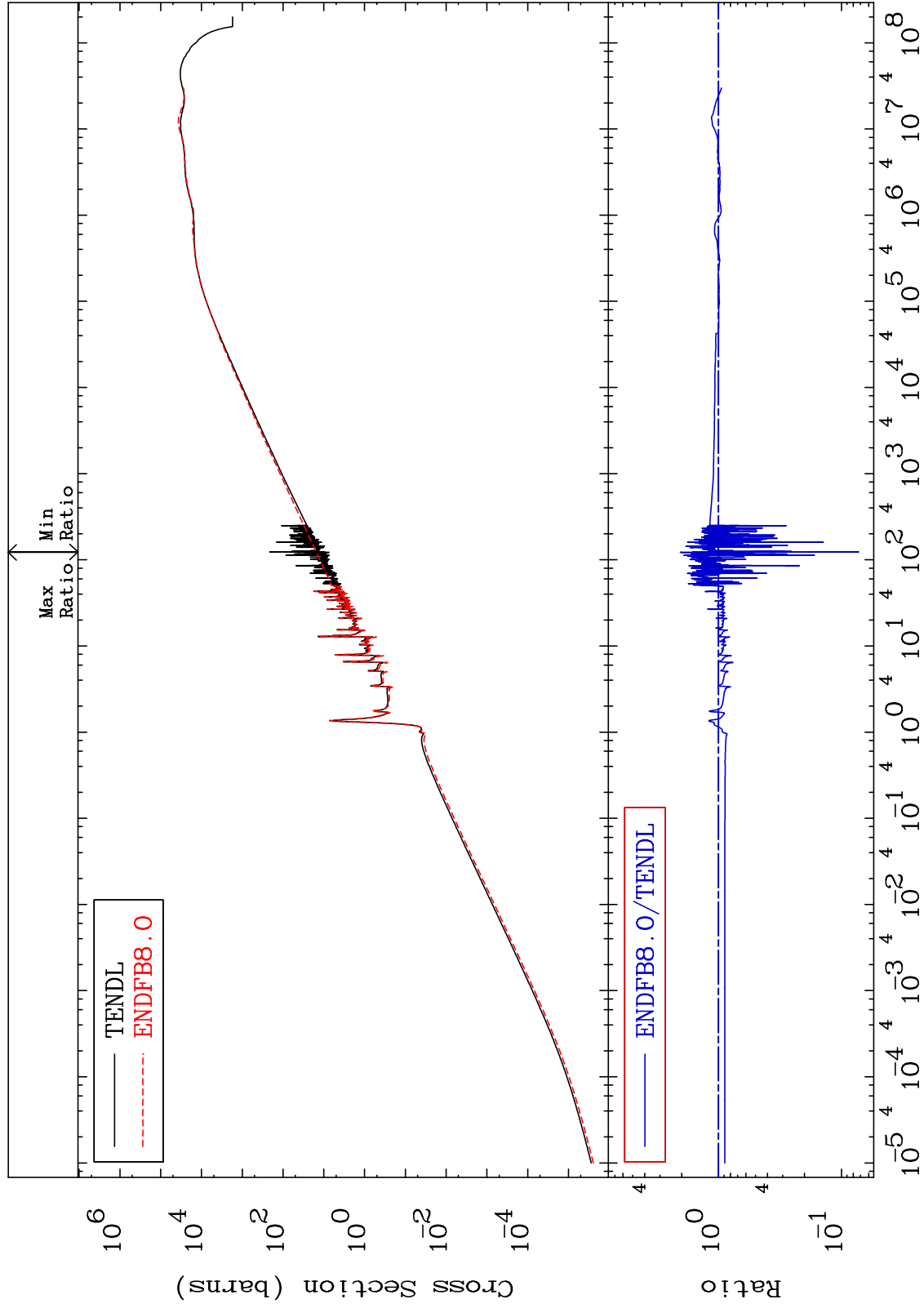
Cross Section



MAT 9549

Kerma elastic
Cross Section

95-Am-243
-92.74 To 104.4 %



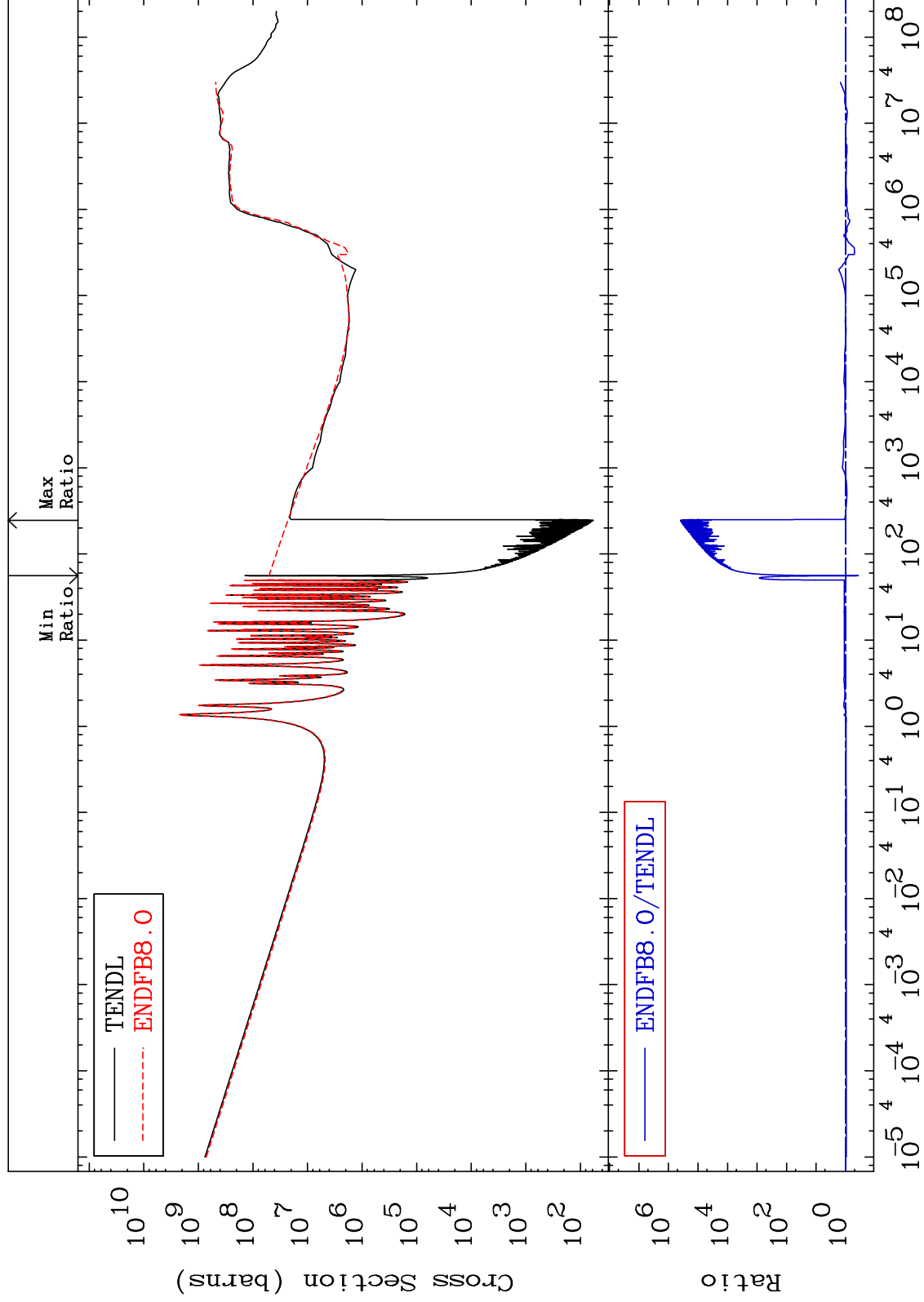
MAT 9549

Kerma non-elastic (all but mt2)

95-Am-243

-63.46 To 9999. %

Cross Section



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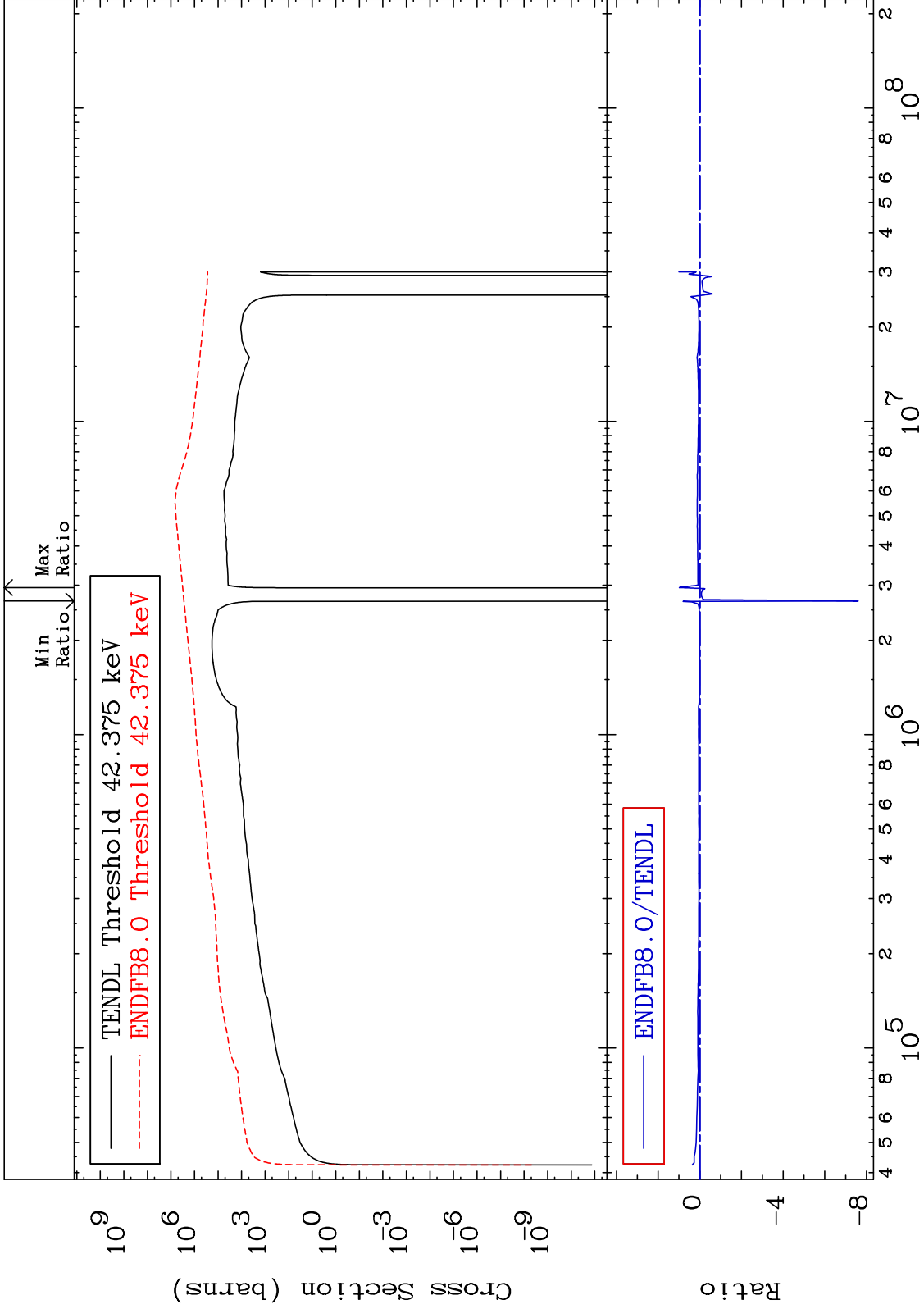
Incident Energy (eV)

95-Am-243

MAT 9549

Kerma inelastic (mt51-91)
Cross Section

95-Am-243
-9999. To 9999. %



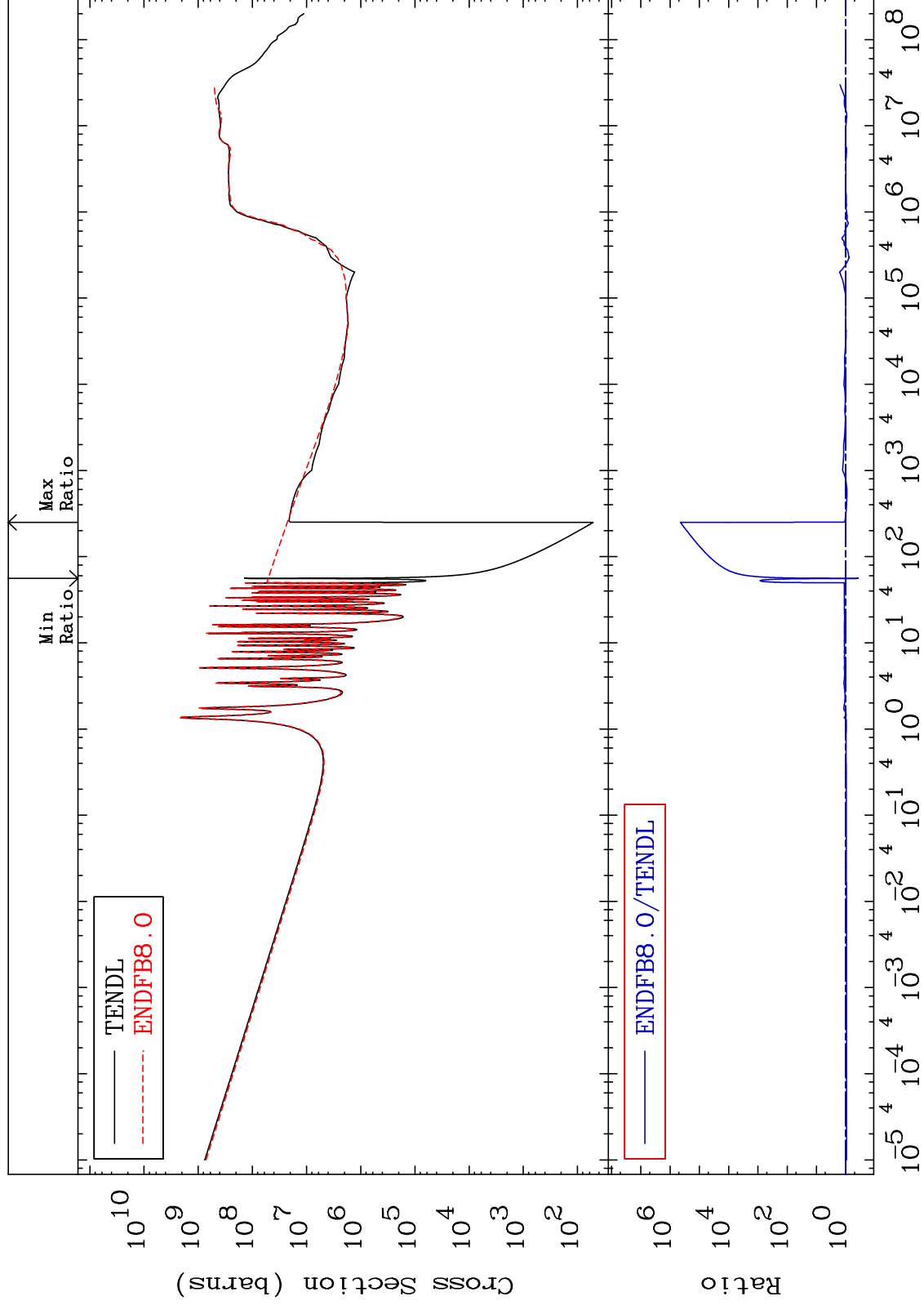
MAT 9549

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

95-Am-243

-63.46 To 9999. %

Cross Section



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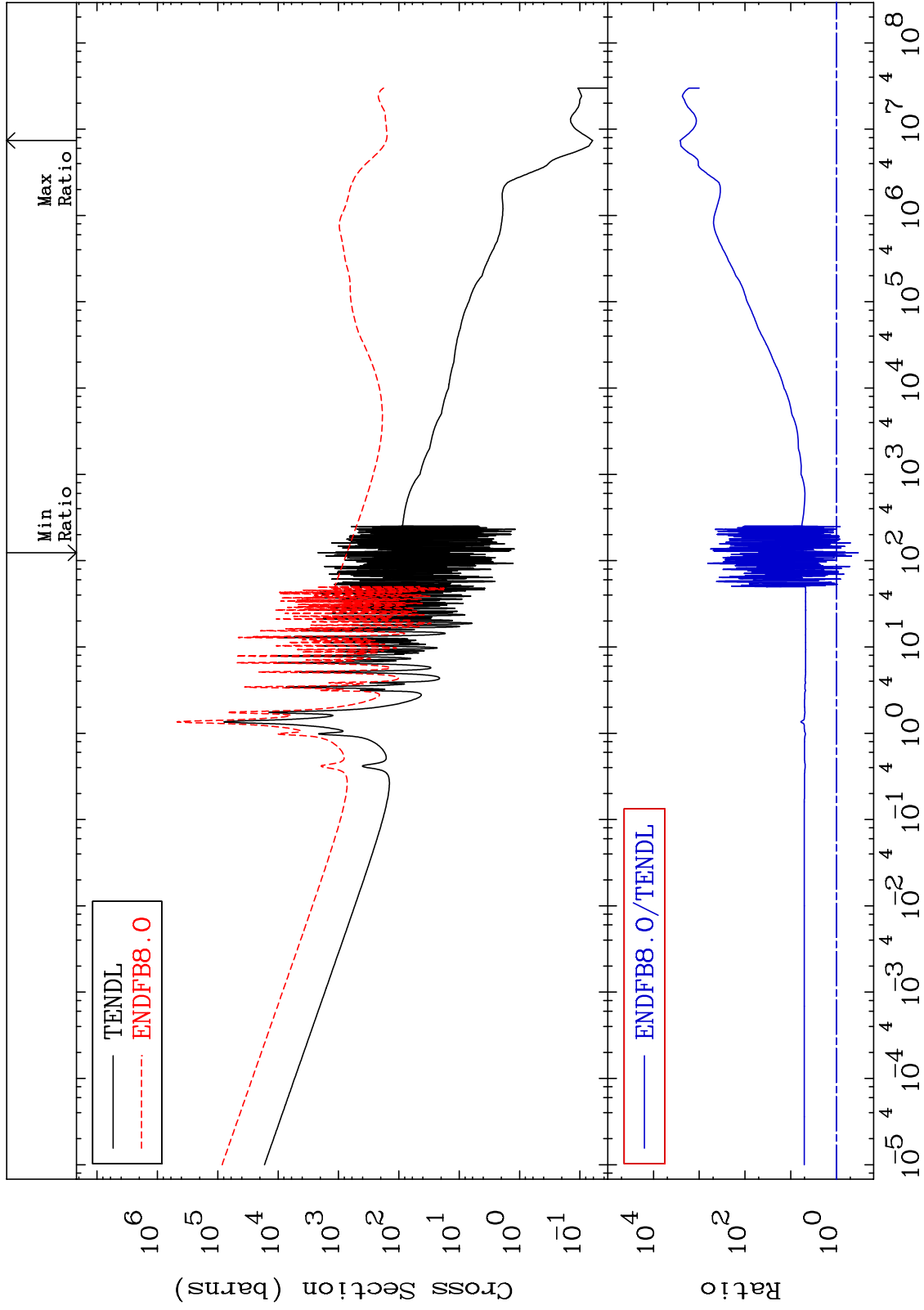
Incident Energy (eV)

95-Am-243

MAT 9549

Kerma capture (mt102)
Cross Section

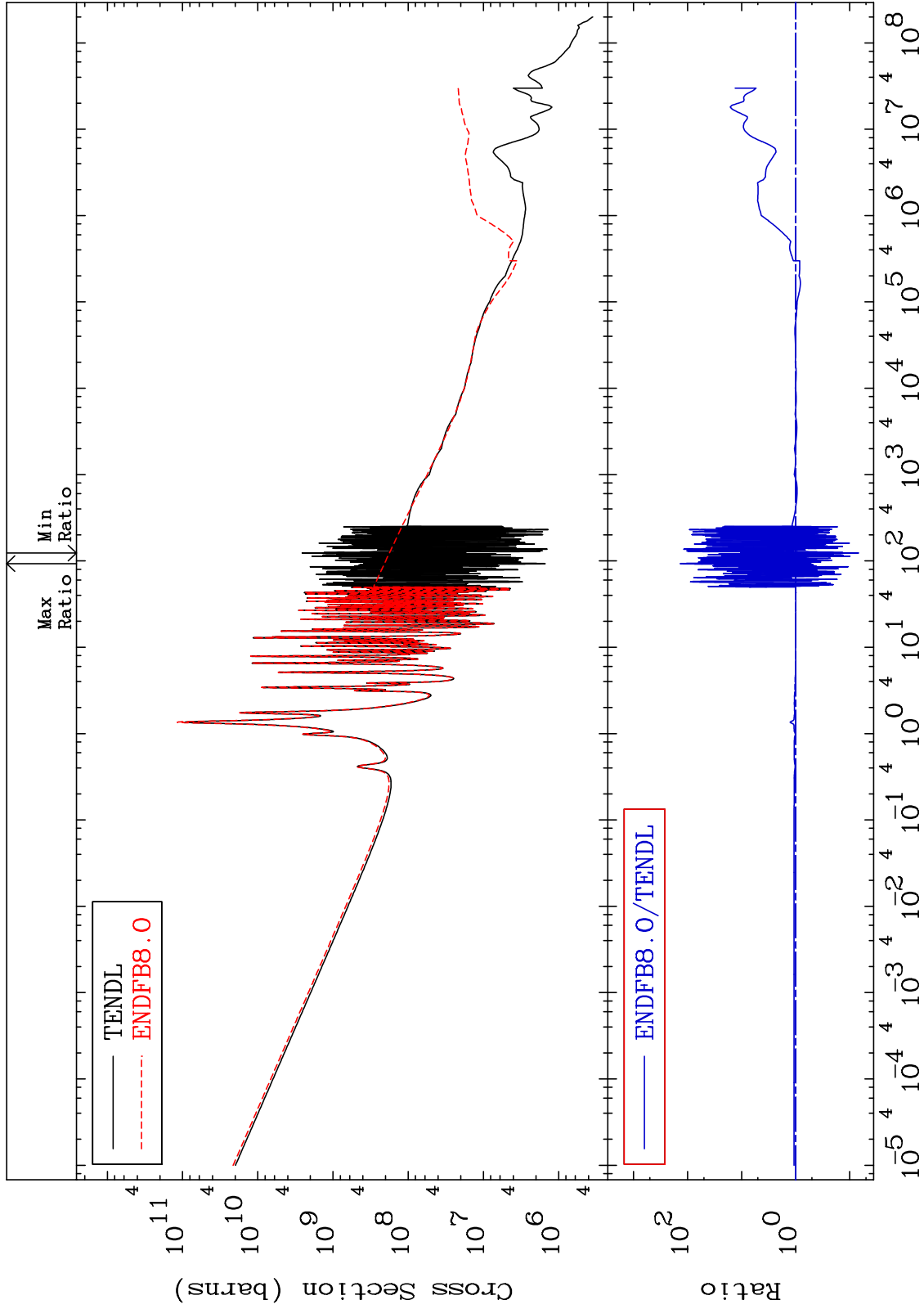
95-Am-243
-66.95 To 9999. %



MAT 9549

Total photon (eV-barns)
Cross Section

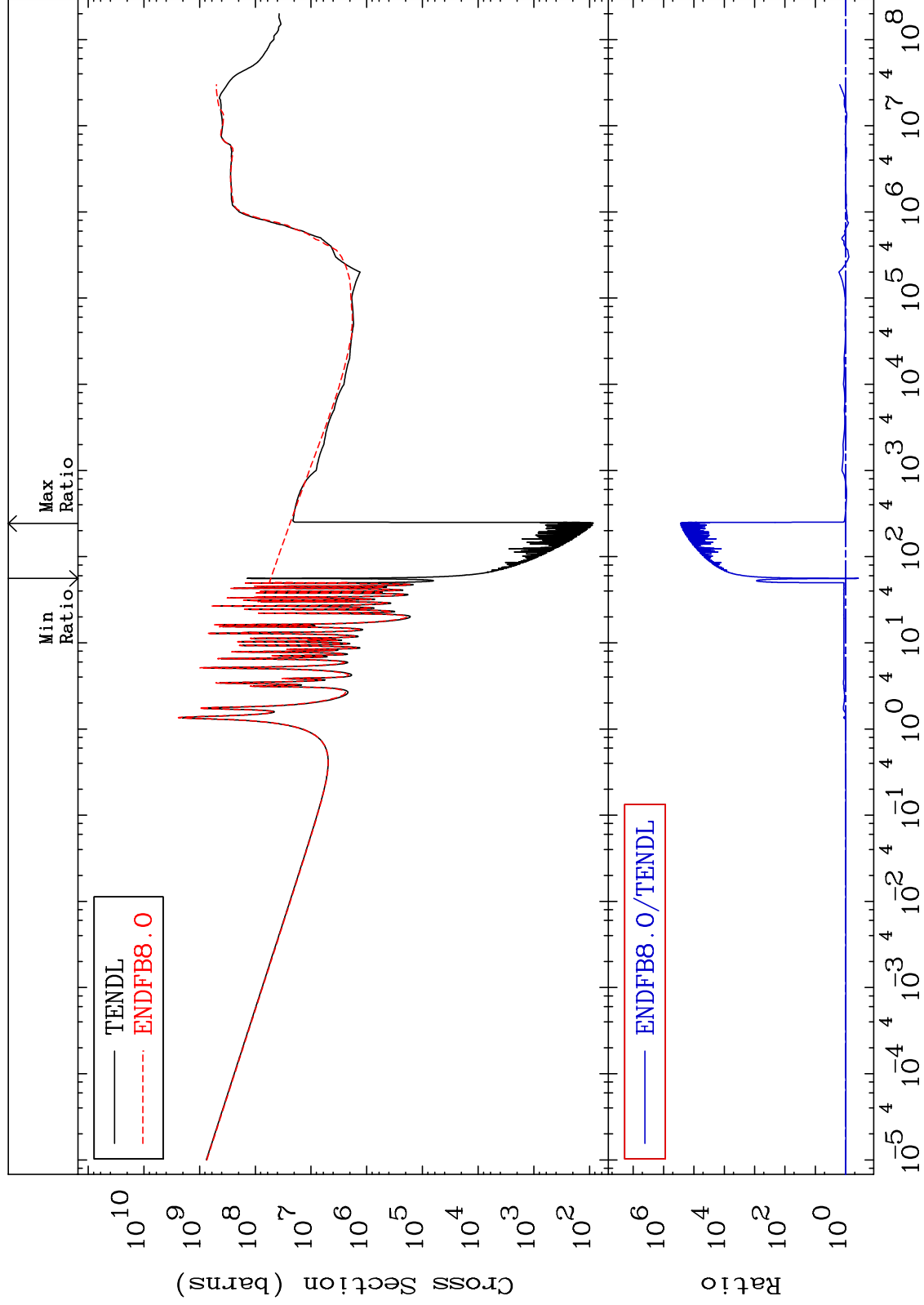
95-Am-243
-93.09 To 9999. %



MAT 9549

Total kinematic kerma (high limit)
Cross Section

95-Am-243
-62.19 To 9999. %



30

Incident Energy (eV)

95-Am-243

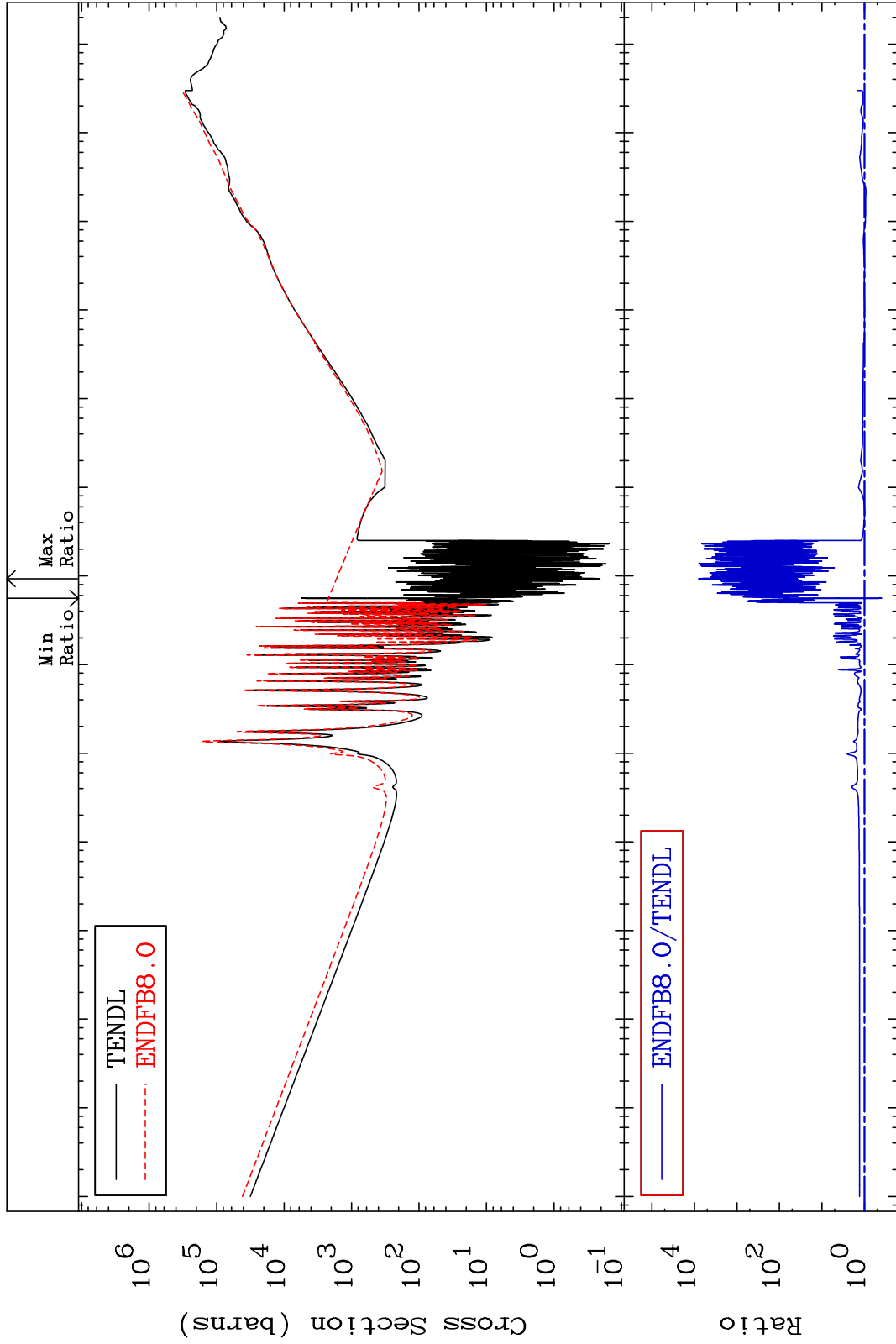
MAT 9549

Dpa total (eV-barns)

95-Am-243

-60.49 To 9999. %

Cross Section



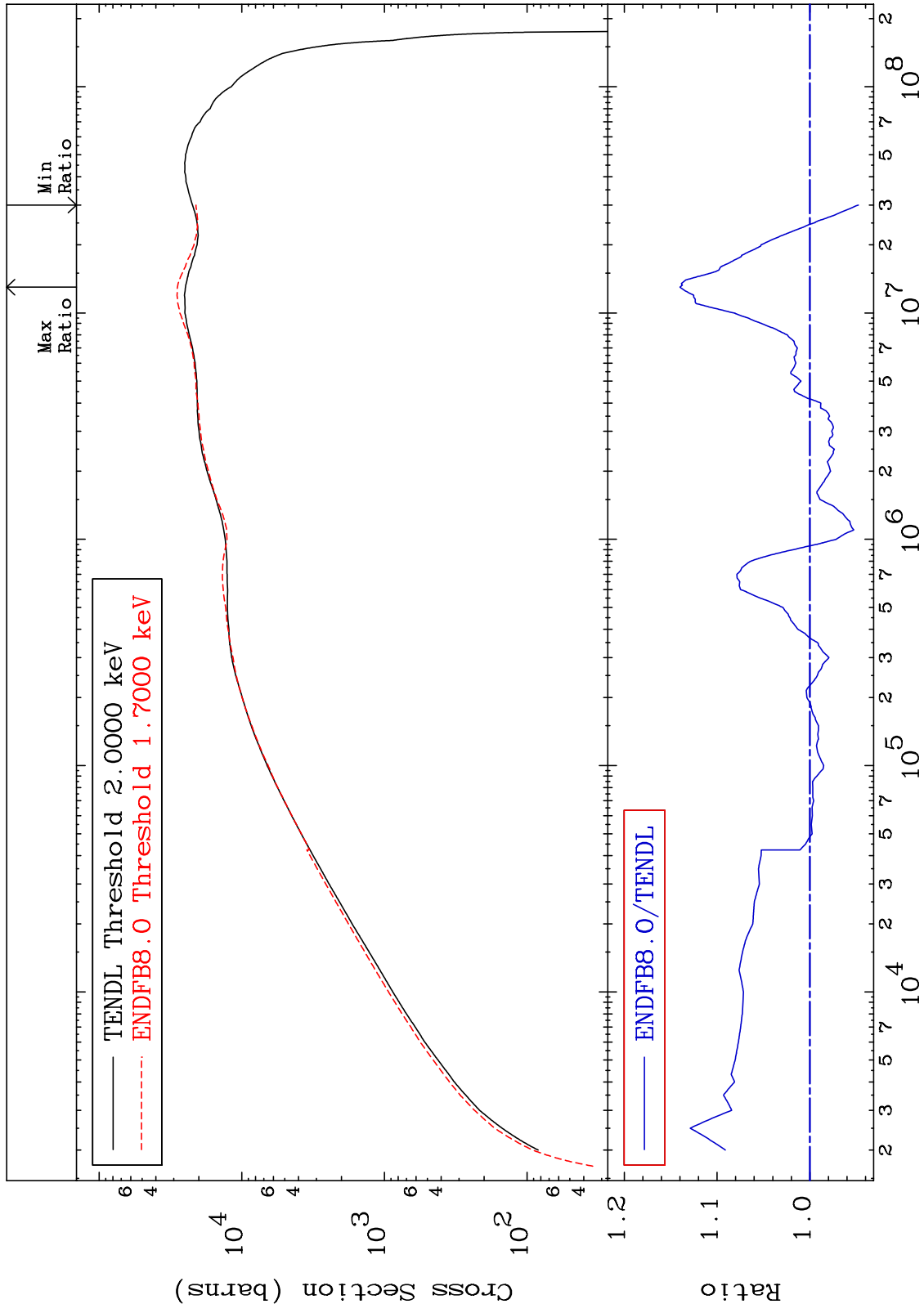
Incident Energy (eV)

95-Am-243

MAT 9549

Dpa elastic (mt2)
Cross Section

95-Am-243
-5.237 To 14.00 %



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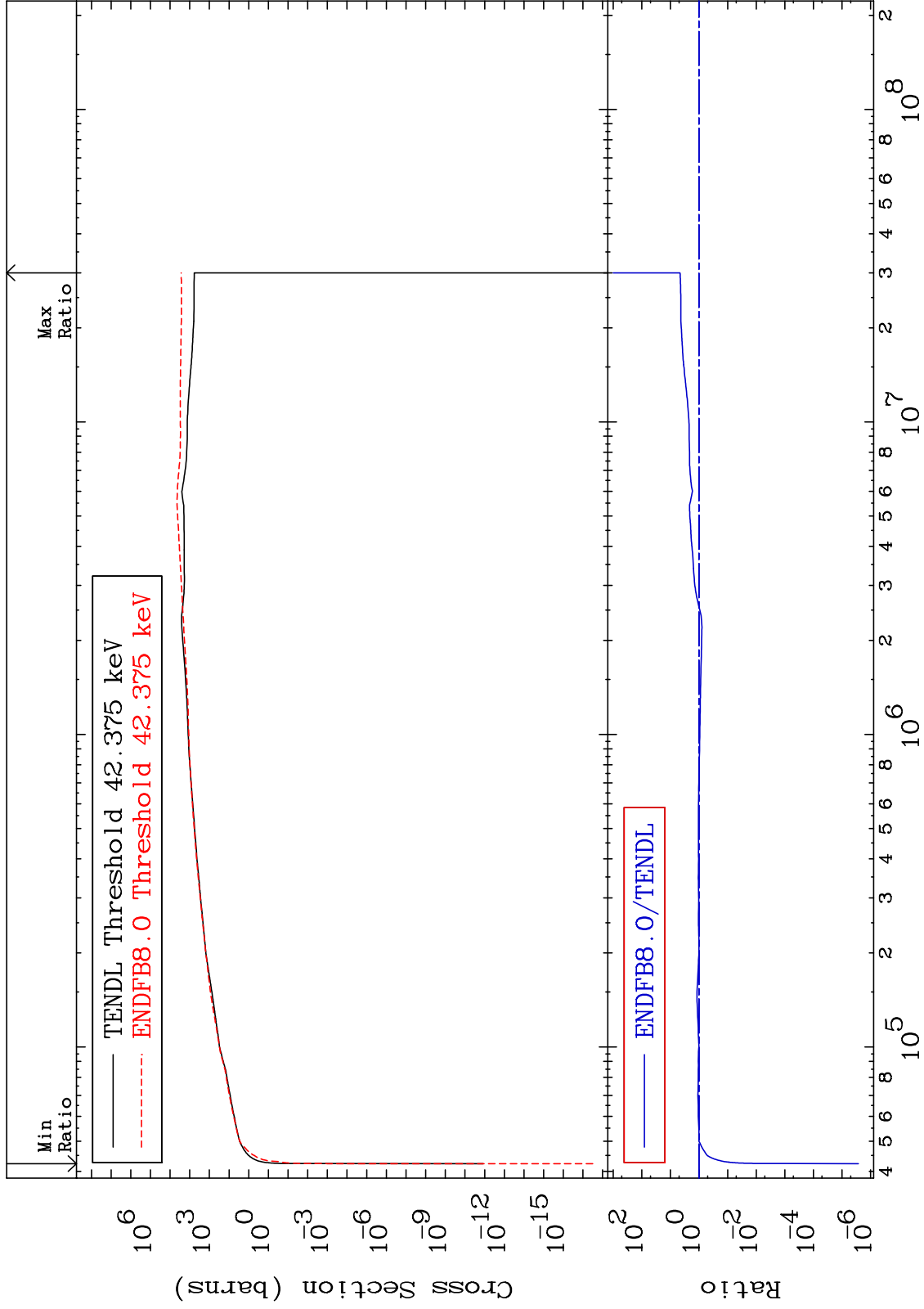
Incident Energy (eV)

95-Am-243

MAT 9549

Dpa inelastic (mt51-91)
Cross Section

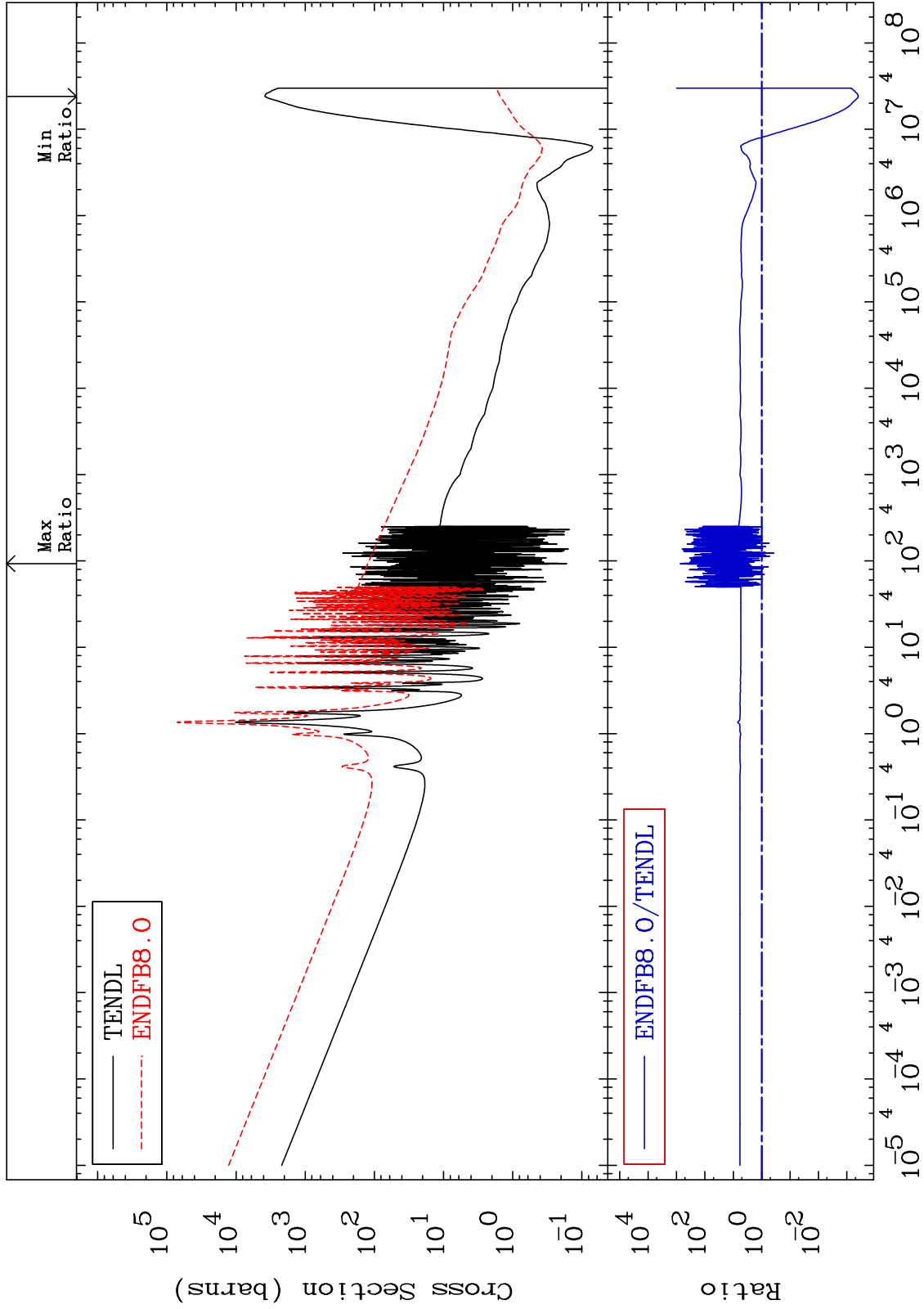
95-Am-243
-100.0 To 361.7 %



MAT 9549

Dpa disappearance (mt102 -120)
Cross Section

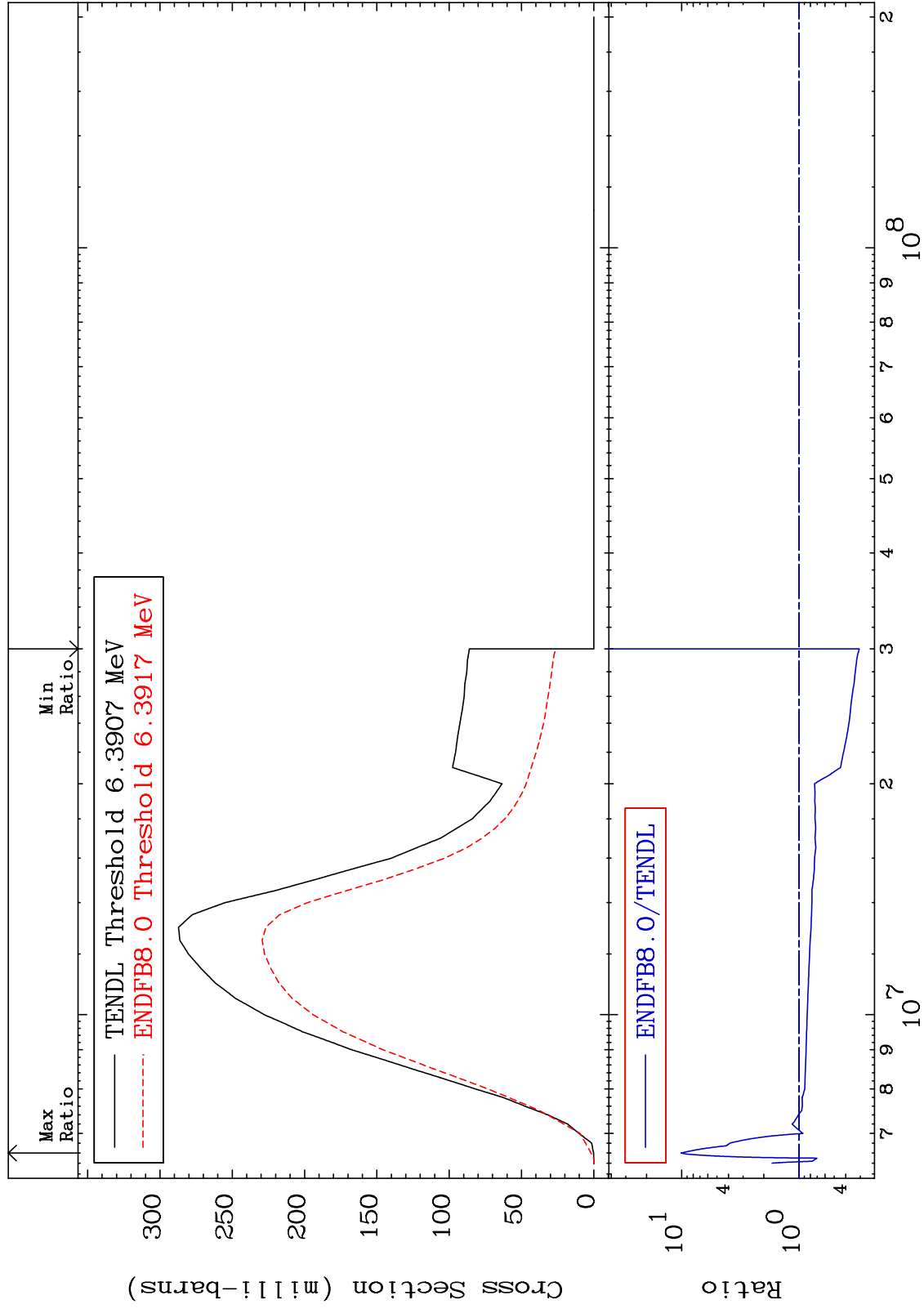
95-Am-243
-99.96 To 9999. %



MAT 9549

95-Am-243

(n,2n):95-Am-242g
Radionuclide Production Cross Section -69.40 To 913.7 %



MAT 9549

(n,2n): 95-Am-242m2

95-Am-243

Radionuclide Production Cross Section -35.78 To 1010. %

