

Program Complot
(Version 2018-1)

by

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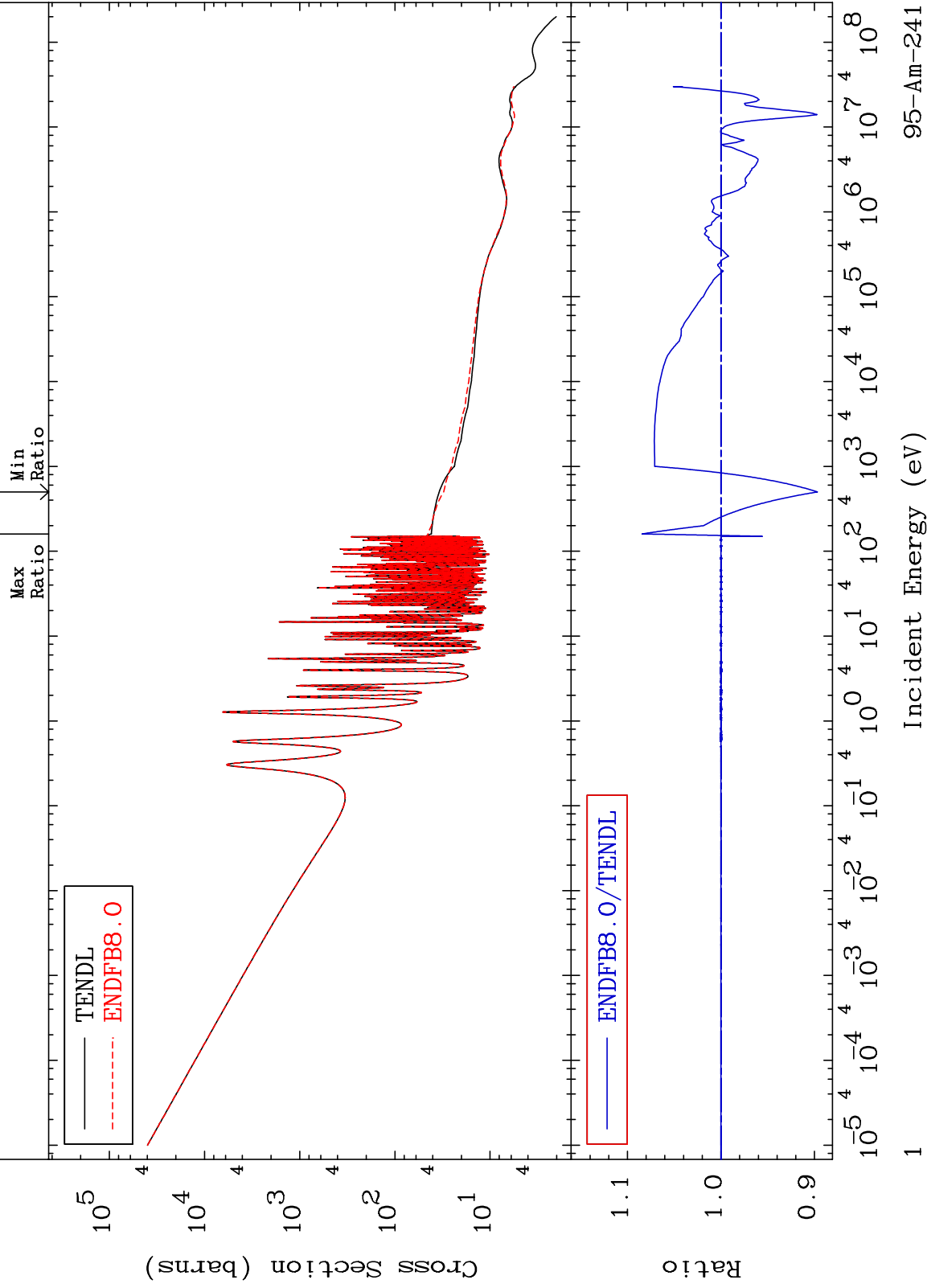
Press Mouse Button to Start

MAT 9543

95-Am-241

-10.32 To 8.434 %

Total
Cross Section



95-Am-241

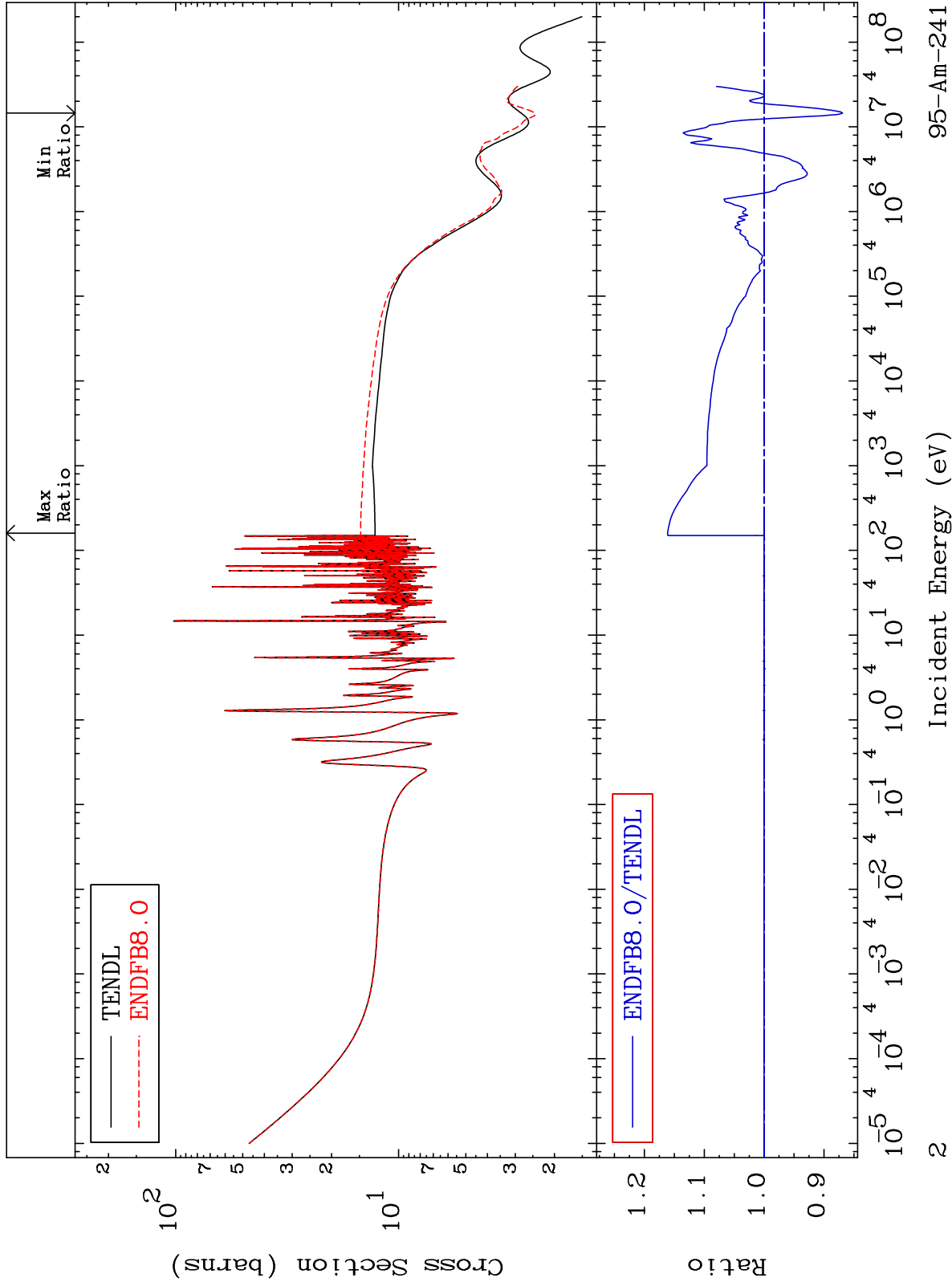
MAT 9543

Elastic

Cross Section

95-Am-241

-13.11 To 16.12 %

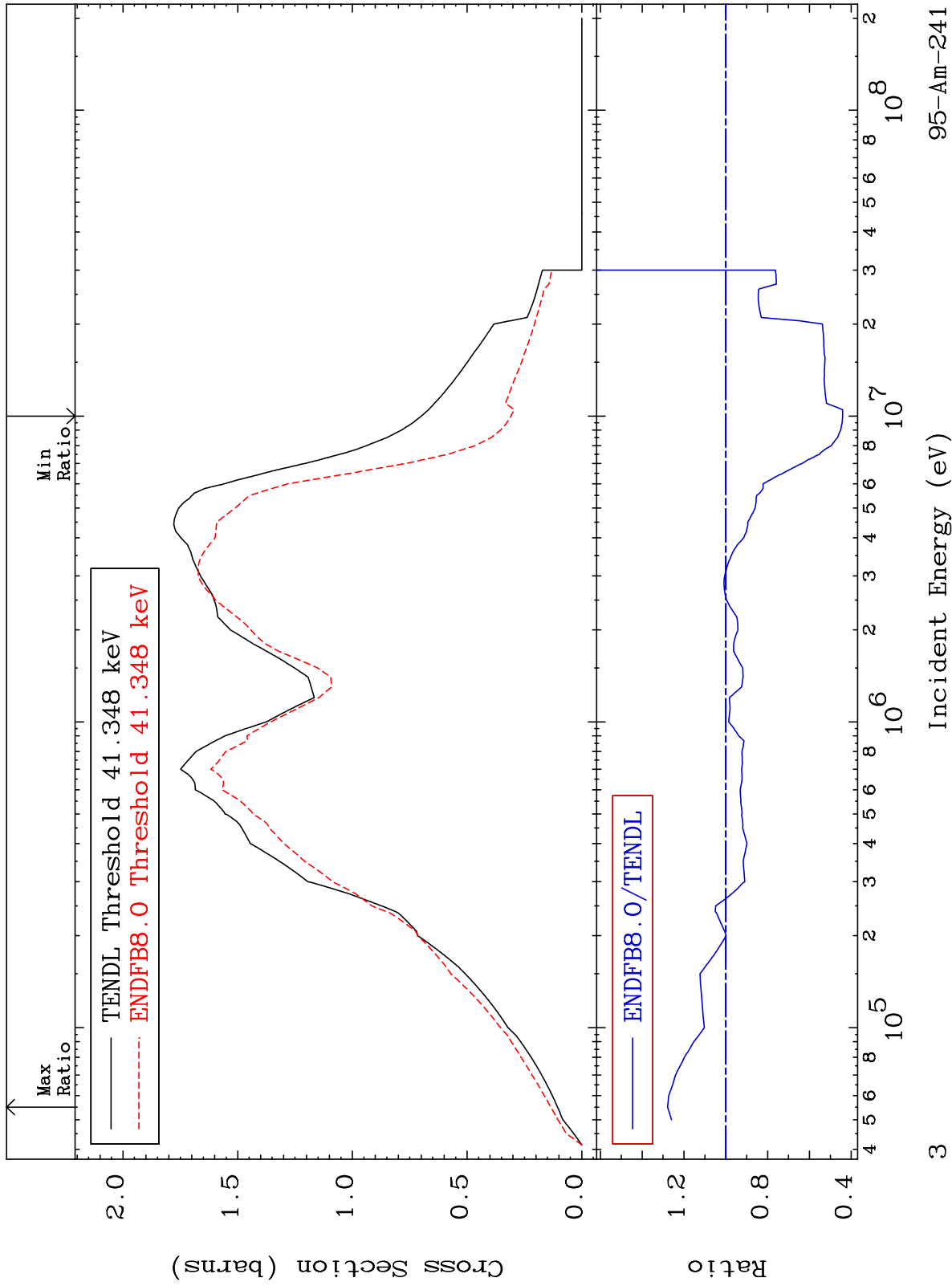


95-Am-241

Incident Energy (eV)

2

MAT 9543 Inelastic Cross Section 95-Am-241 -55.89 To 27.87 %



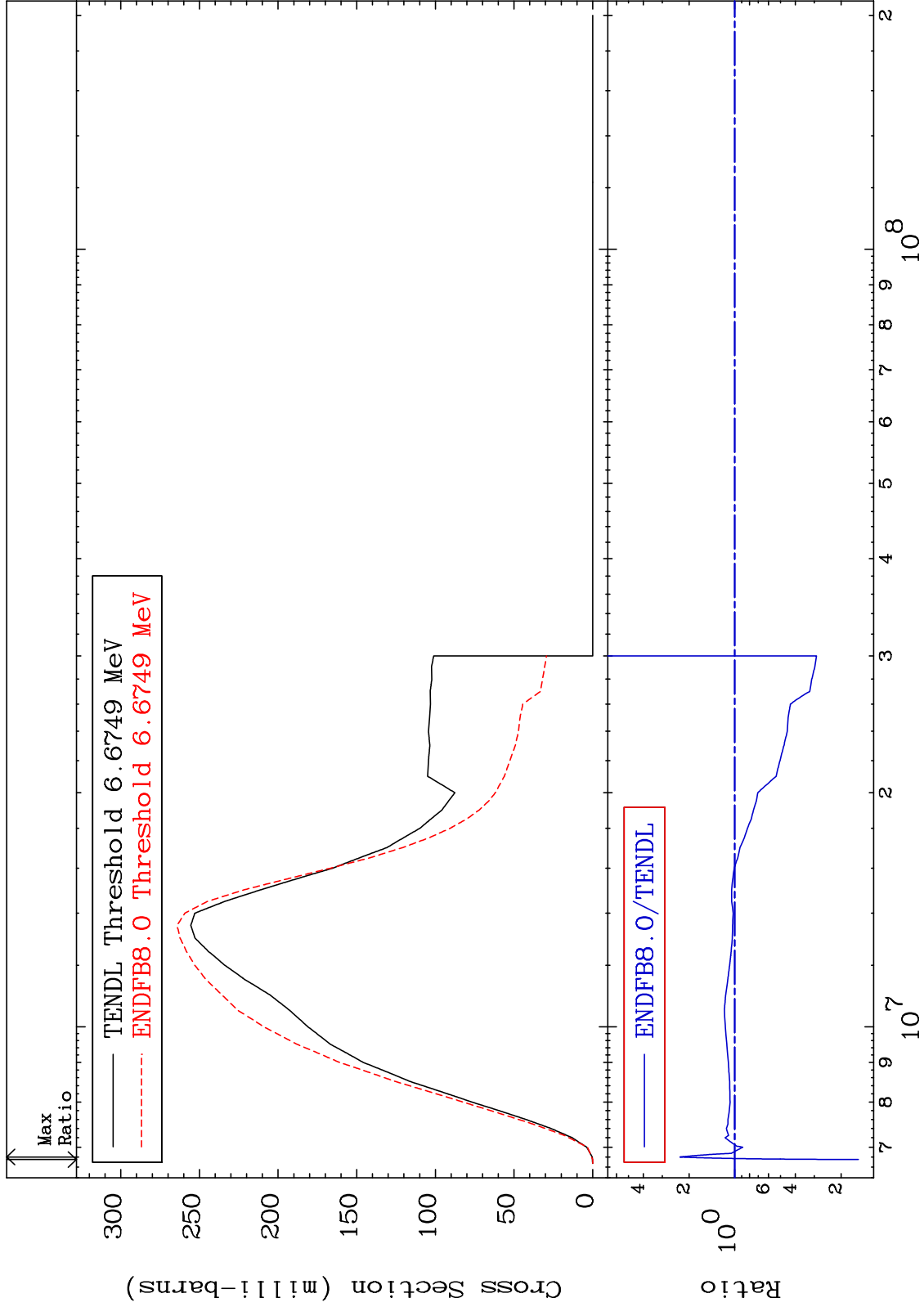
MAT 9543

(n,2n)

95-Am-241

Cross Section

-84.62 To 129.1 %



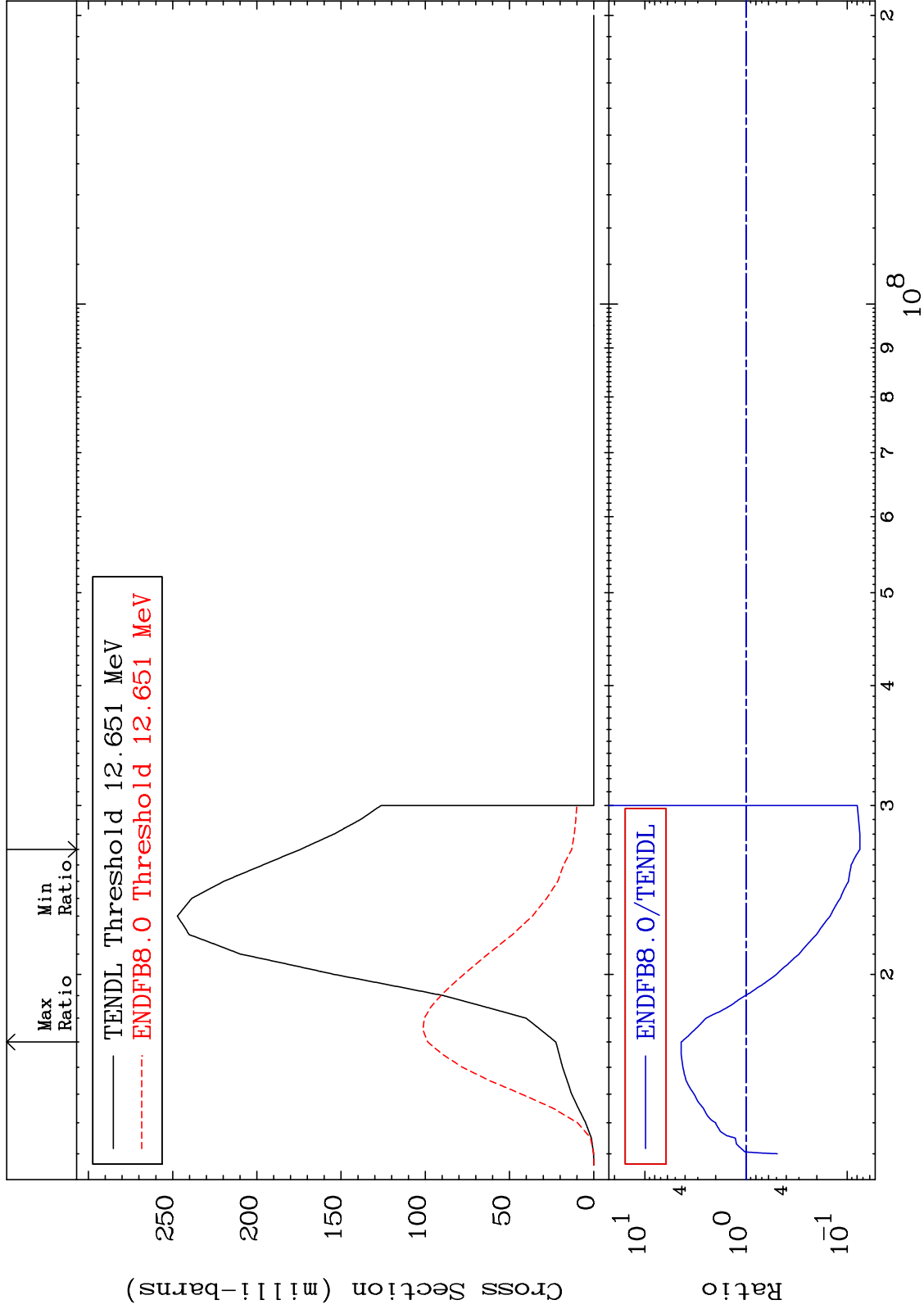
MAT 9543

(n, 3n)

95-Am-241

Cross Section

-92.52 To 337.5 %



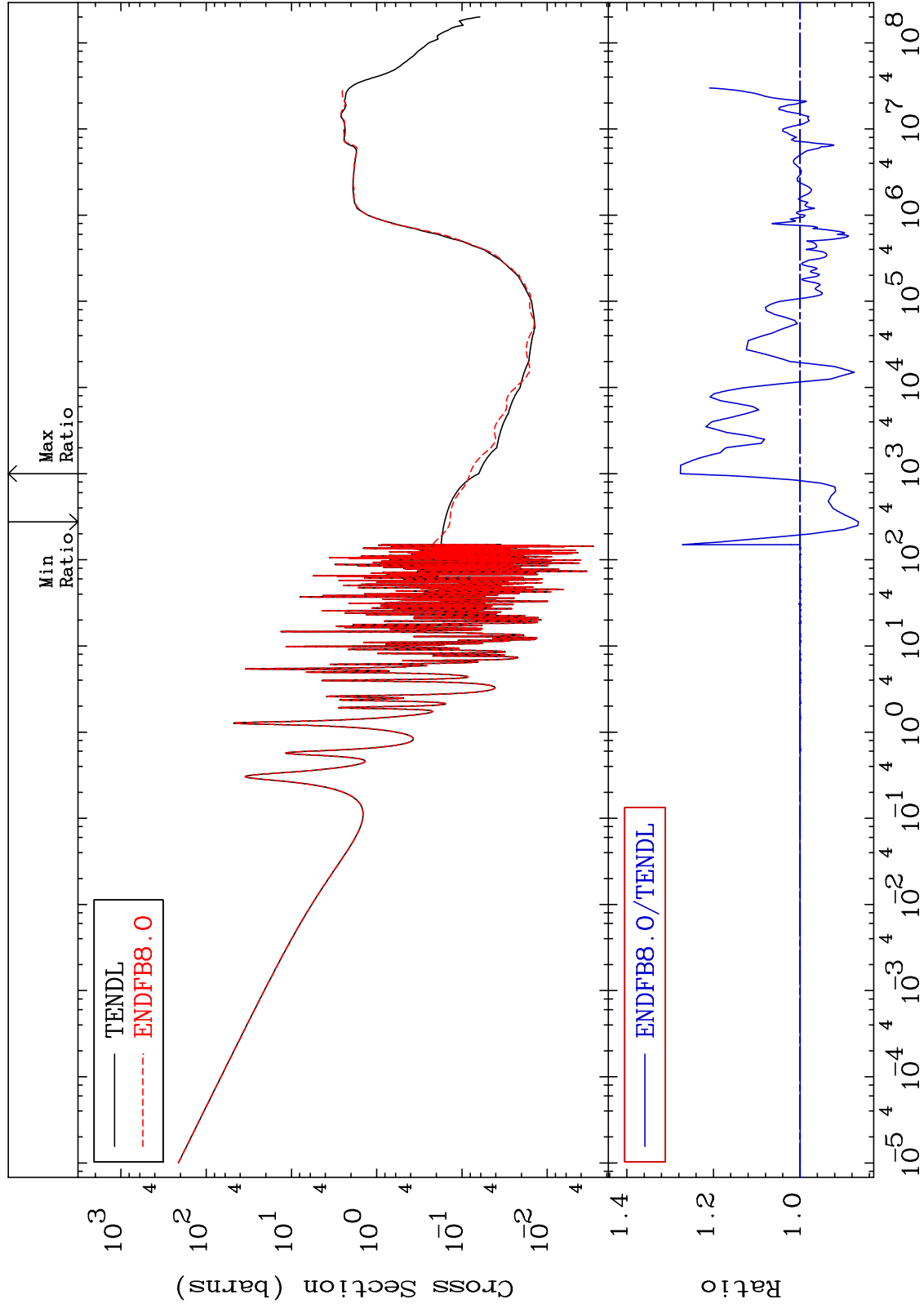
MAT 9543

Fission

95-Am-241

Cross Section

-13.52 To 27.63 %



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Incident Energy (eV)

95-Am-241

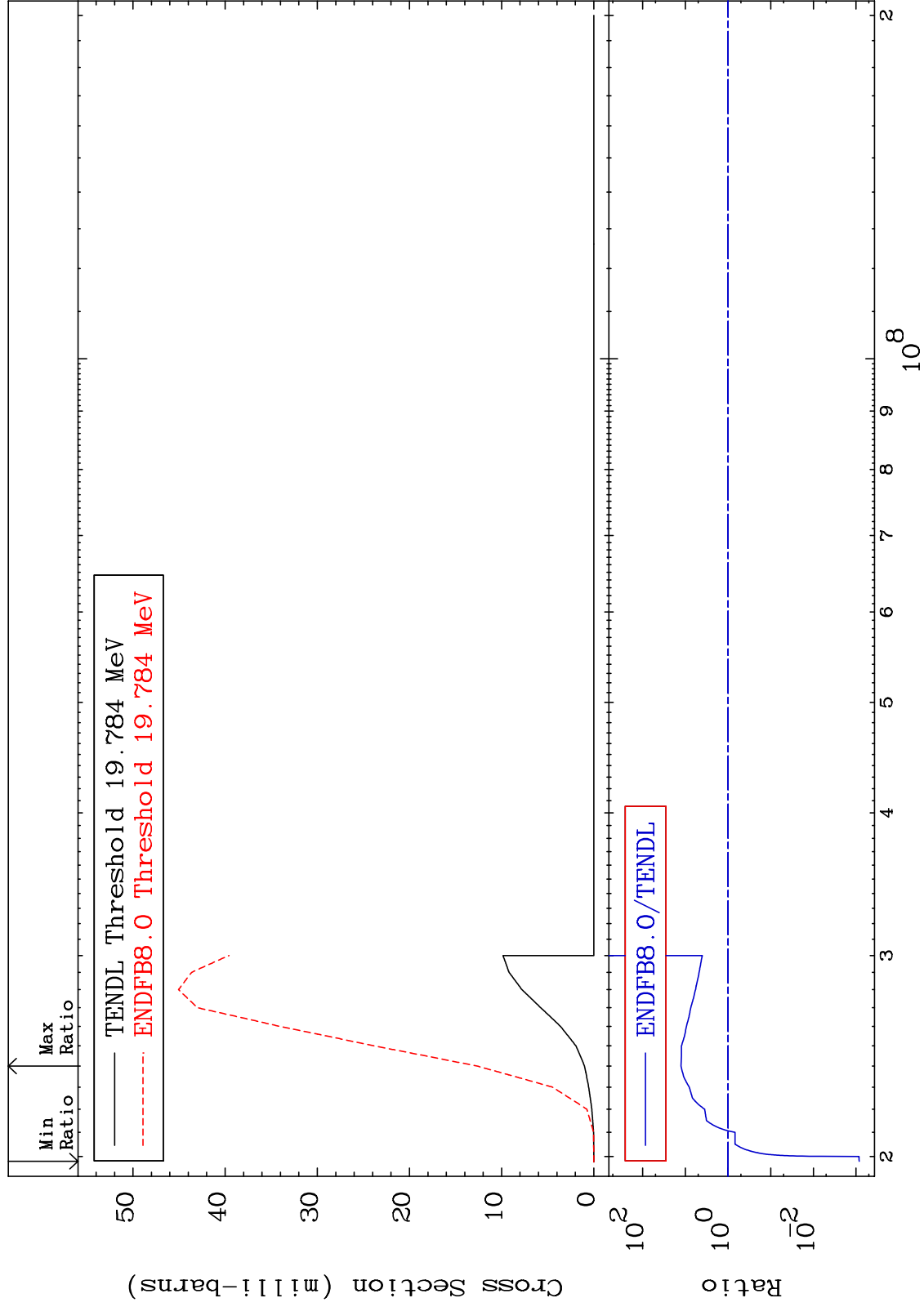
MAT 9543

(n, 4n)

95-Am-241

Cross Section

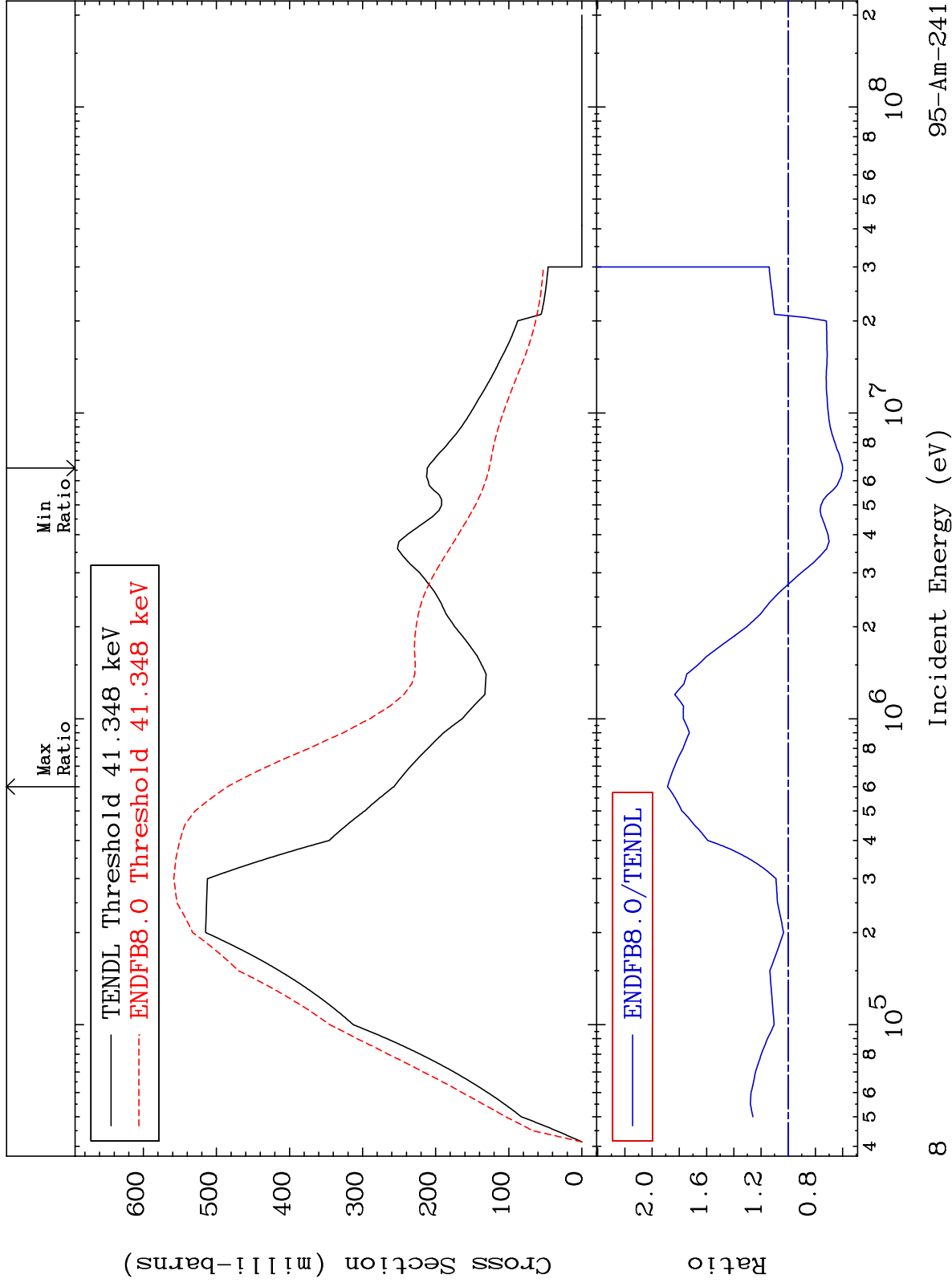
-99.92 To 1160. %



MAT 9543

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

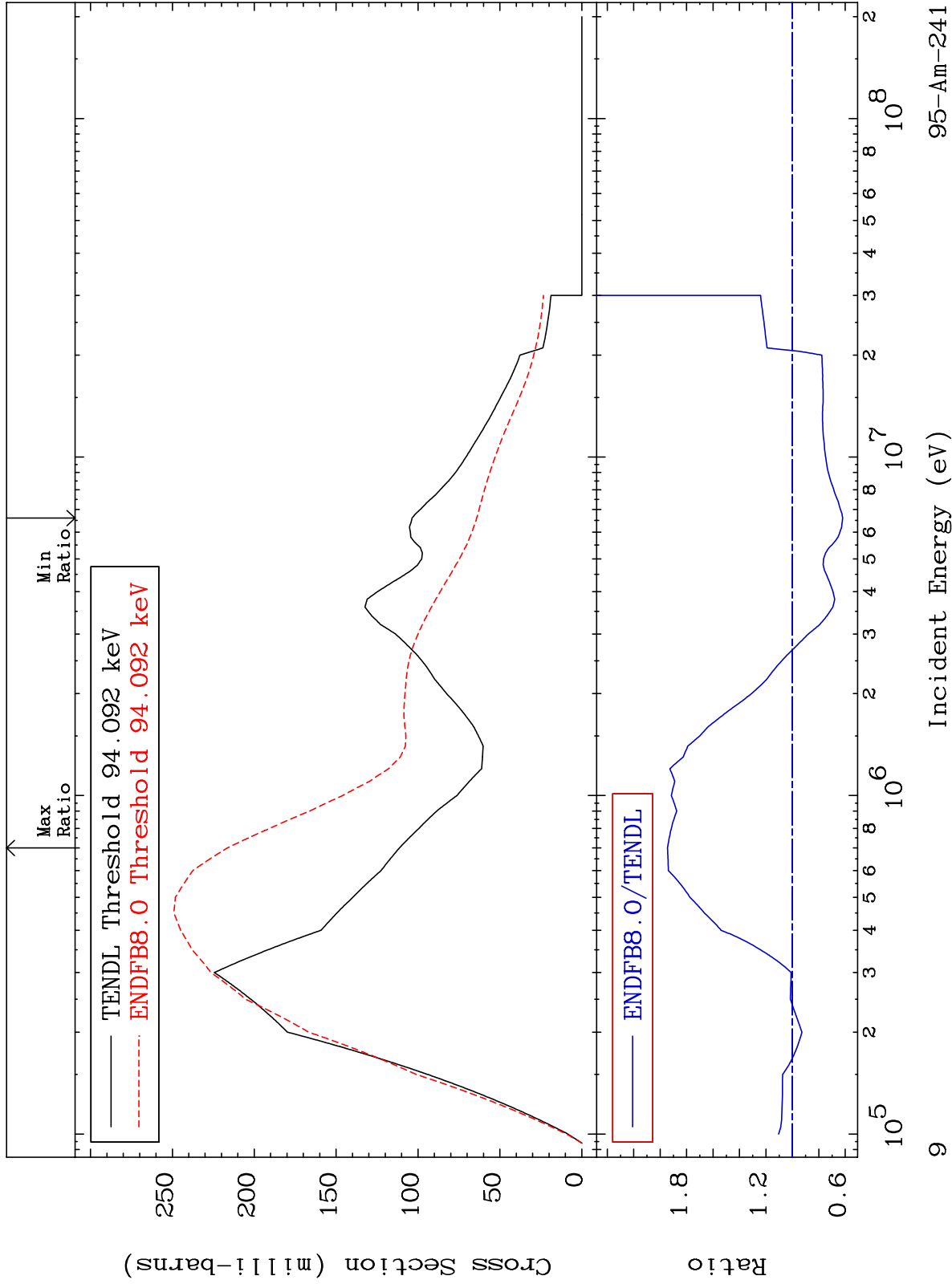
95-Am-241
-40.02 To 88.68 %



MAT 9543

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

95-Am-241
-38.05 To 94.41 %

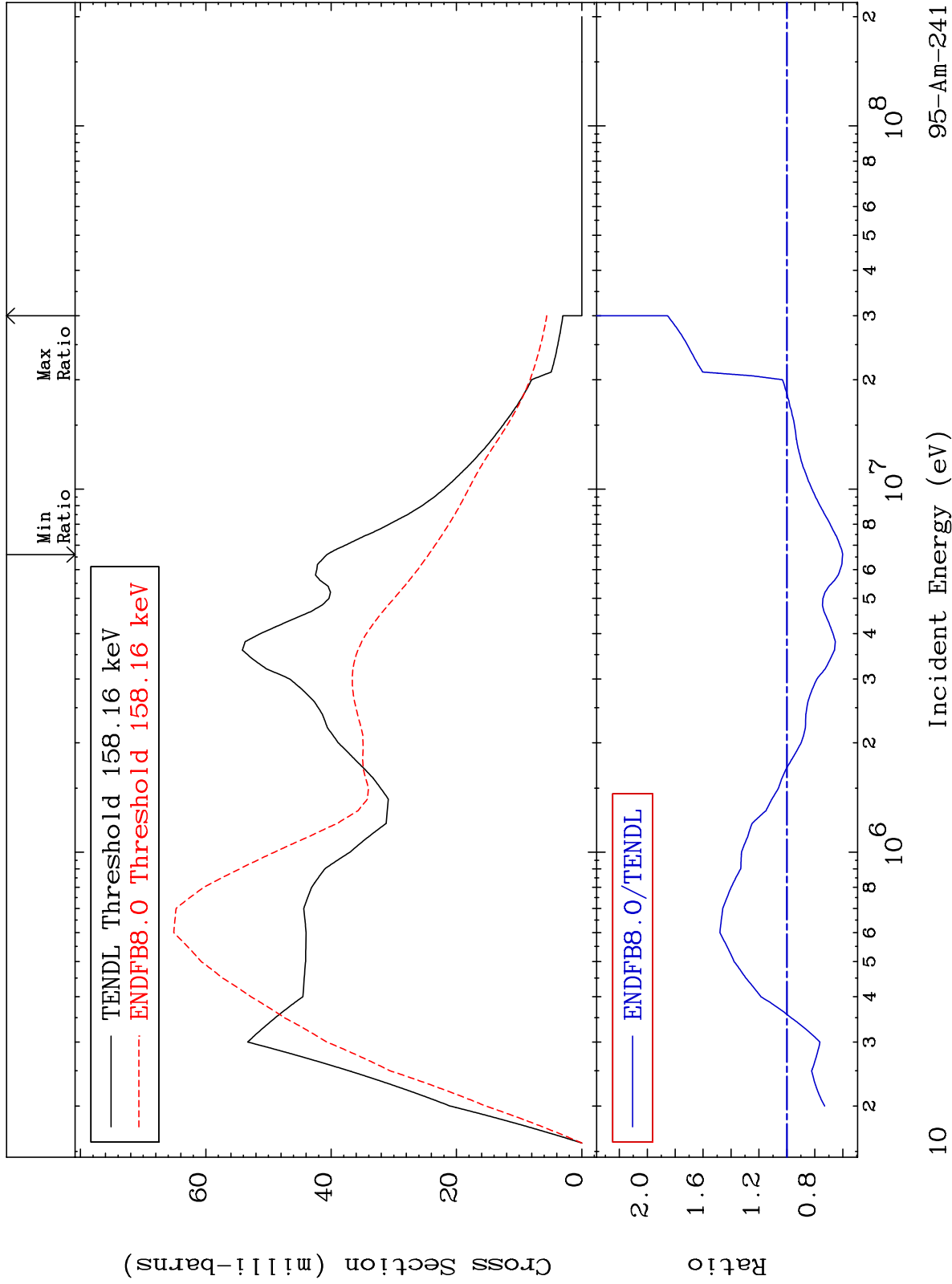


95-Am-241

MAT 9543

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

95-Am-241
-39.92 To 85.47 %



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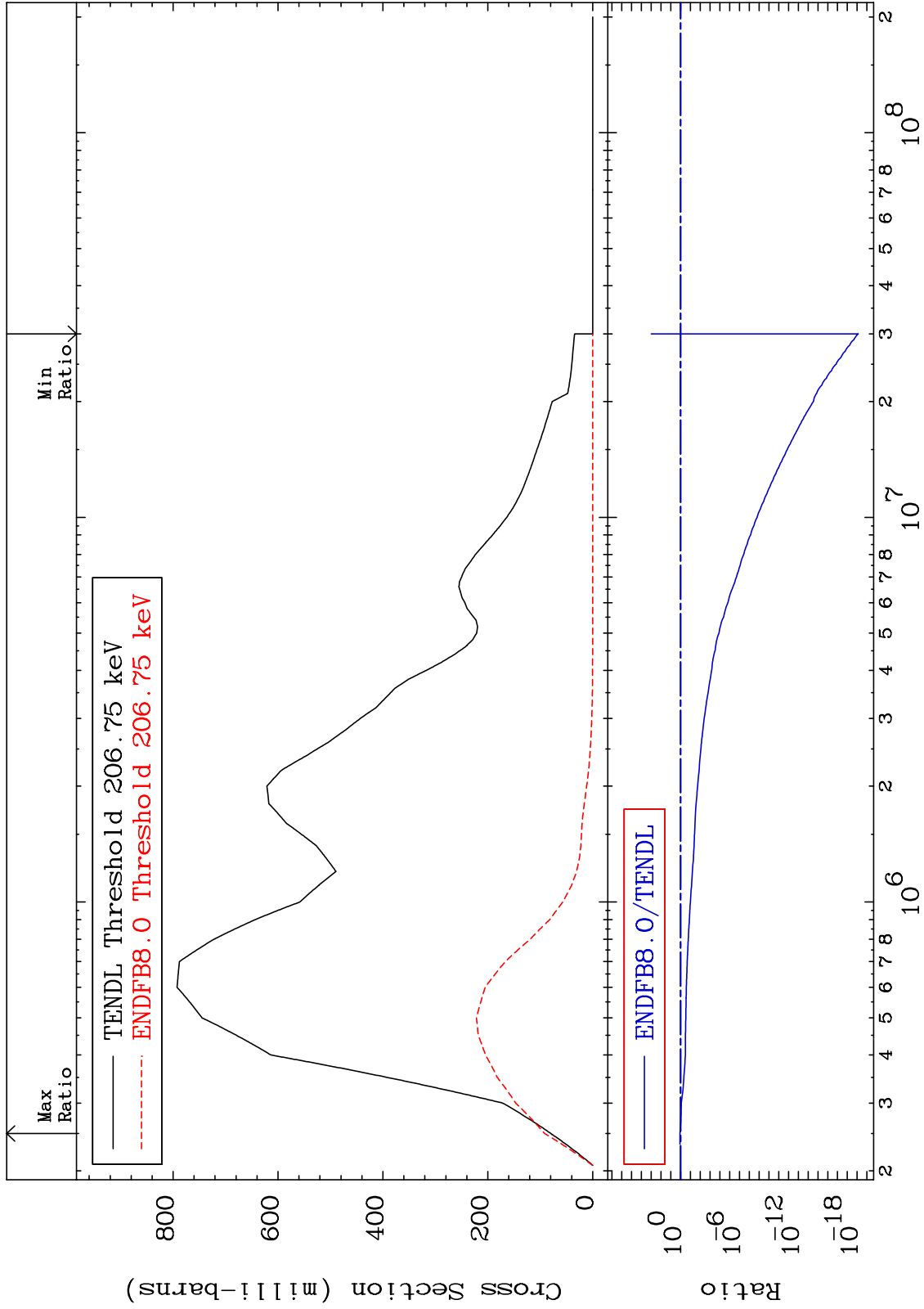
Incident Energy (eV)

95-Am-241

MAT 9543

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

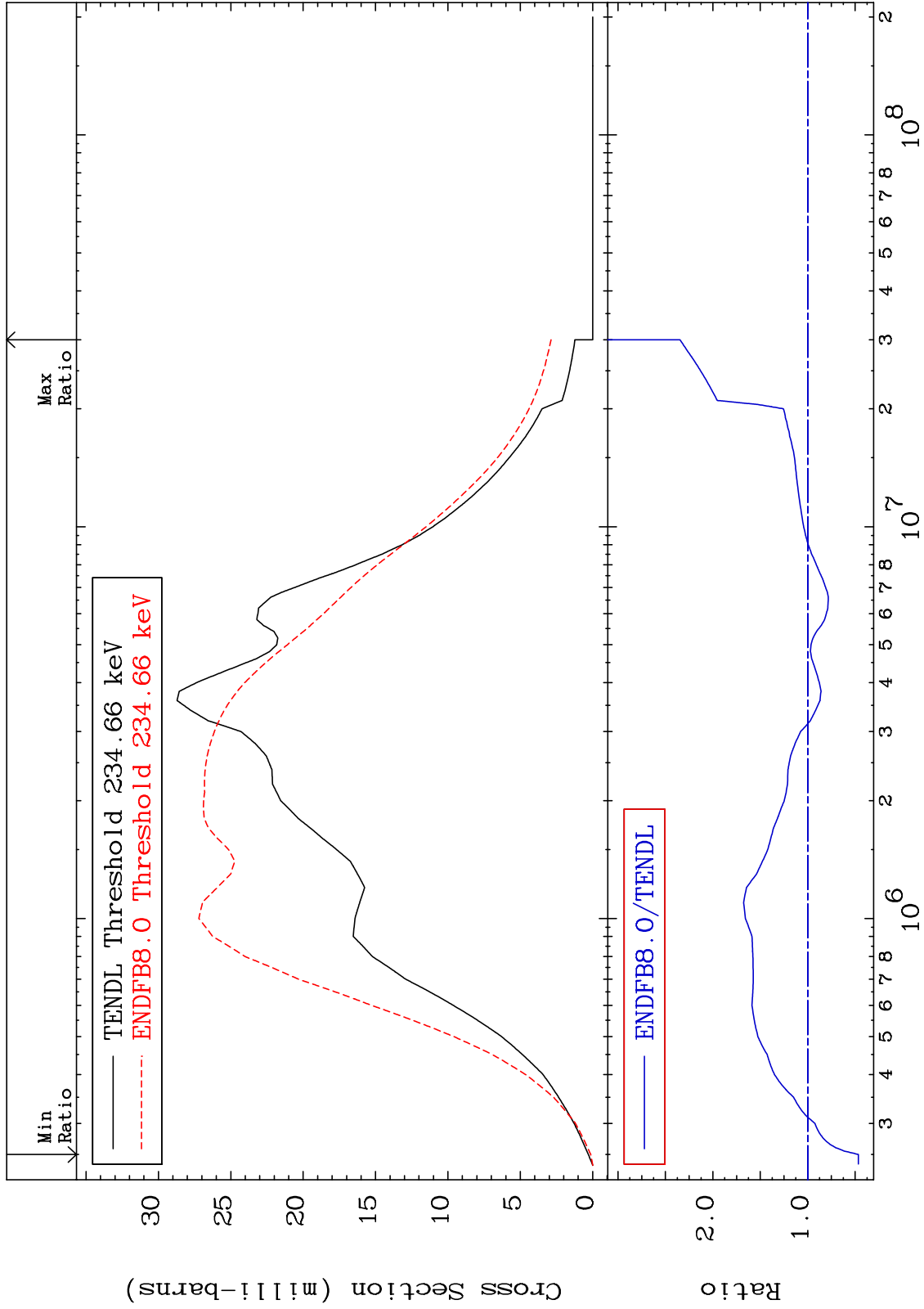
95-Am-241
-100.0 To 15.03 %



MAT 9543

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

95-Am-241
-53.46 To 134.6 %



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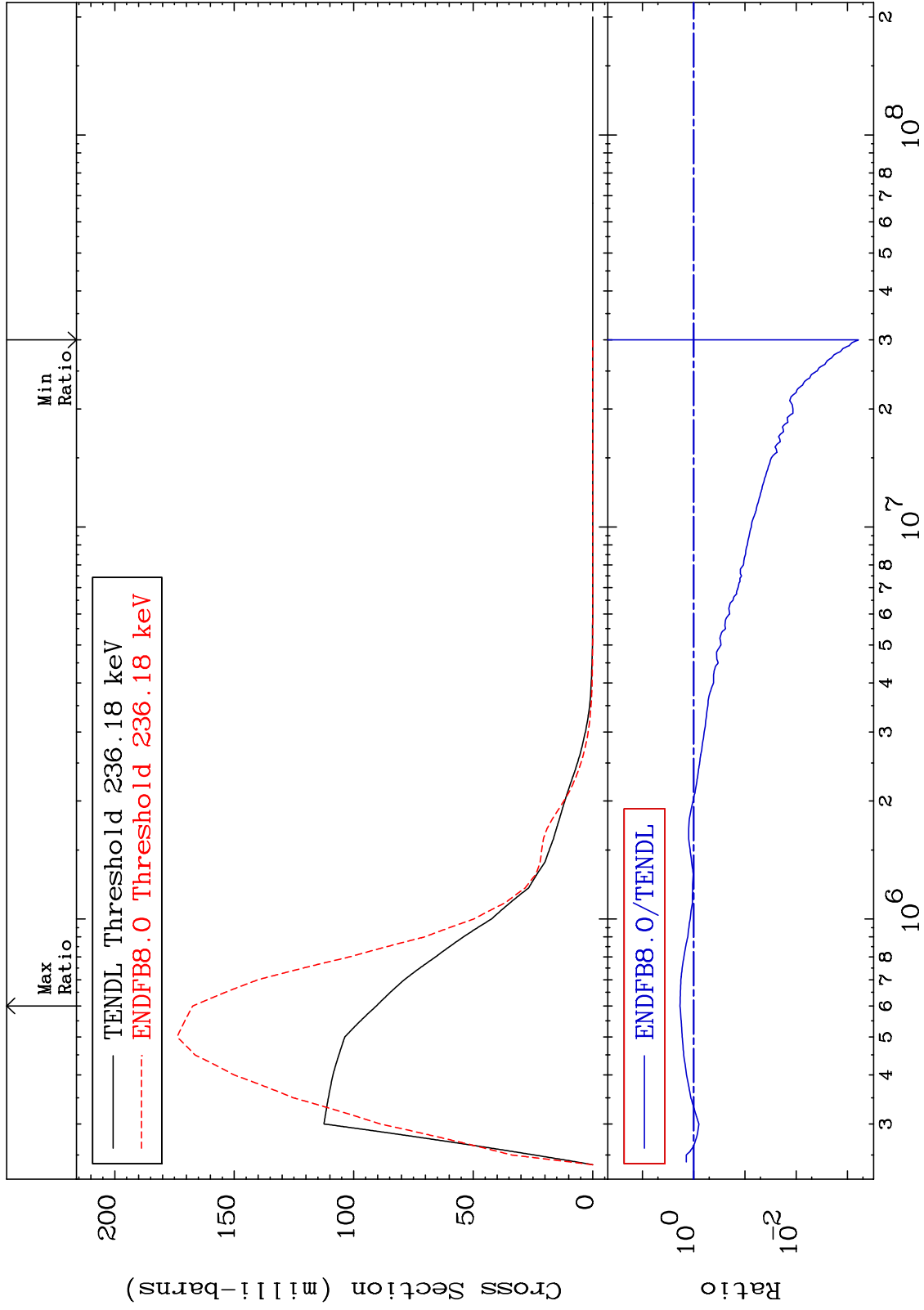
Incident Energy (eV)

95-Am-241

MAT 9543

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

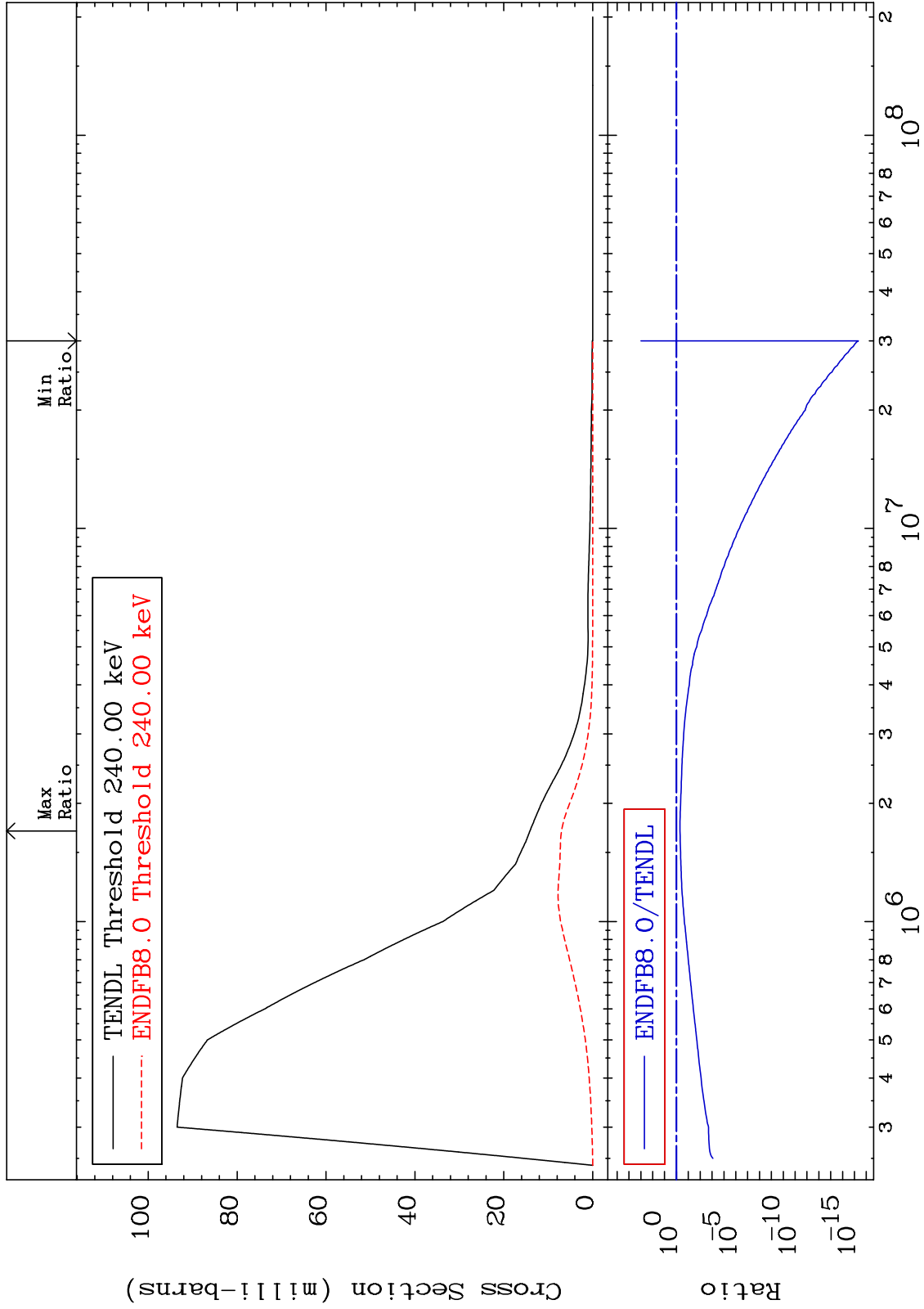
95-Am-241
-99.94 To 84.87 %



MAT 9543

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

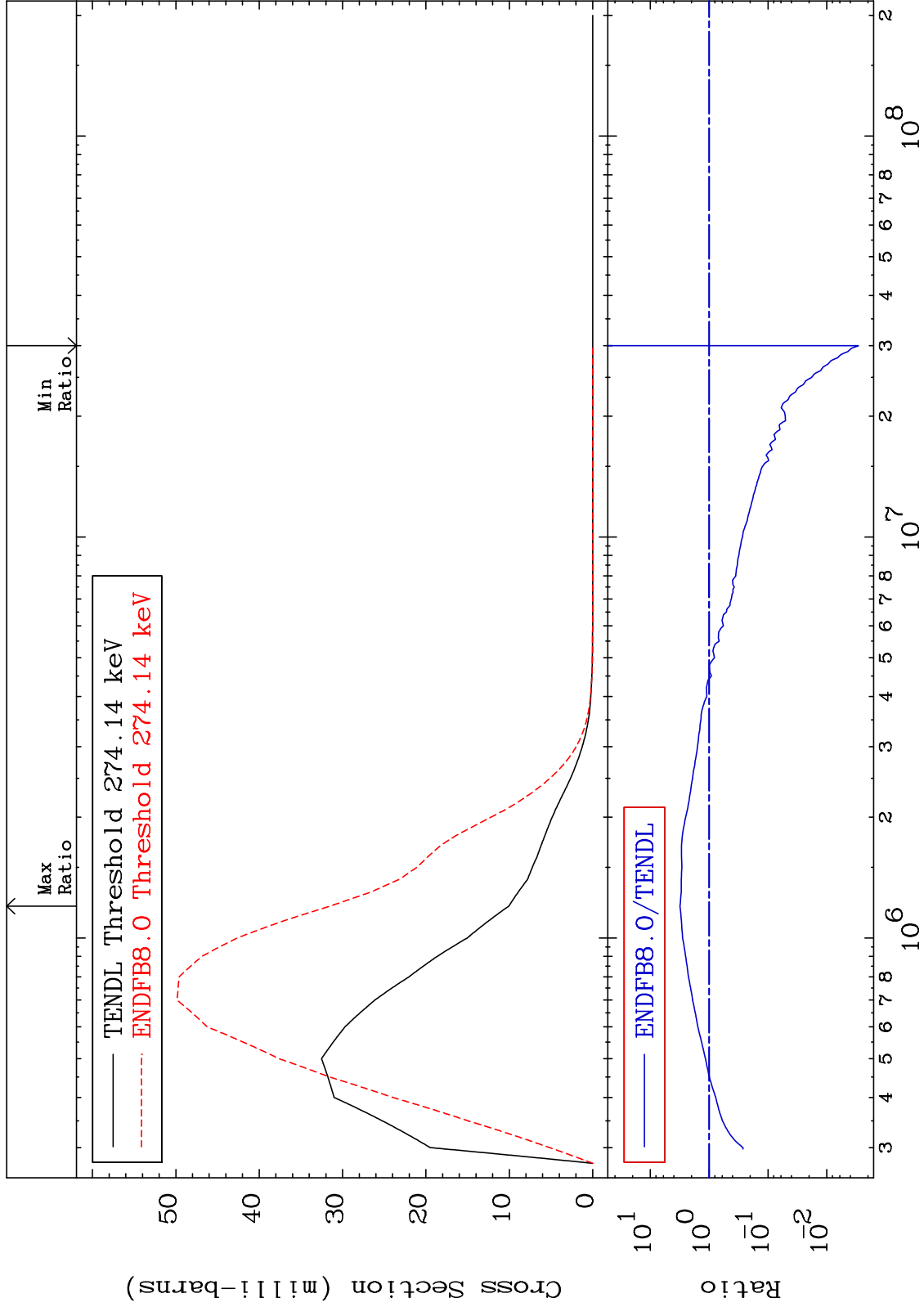
95-Am-241
-100.0 To -50.11%



MAT 9543

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

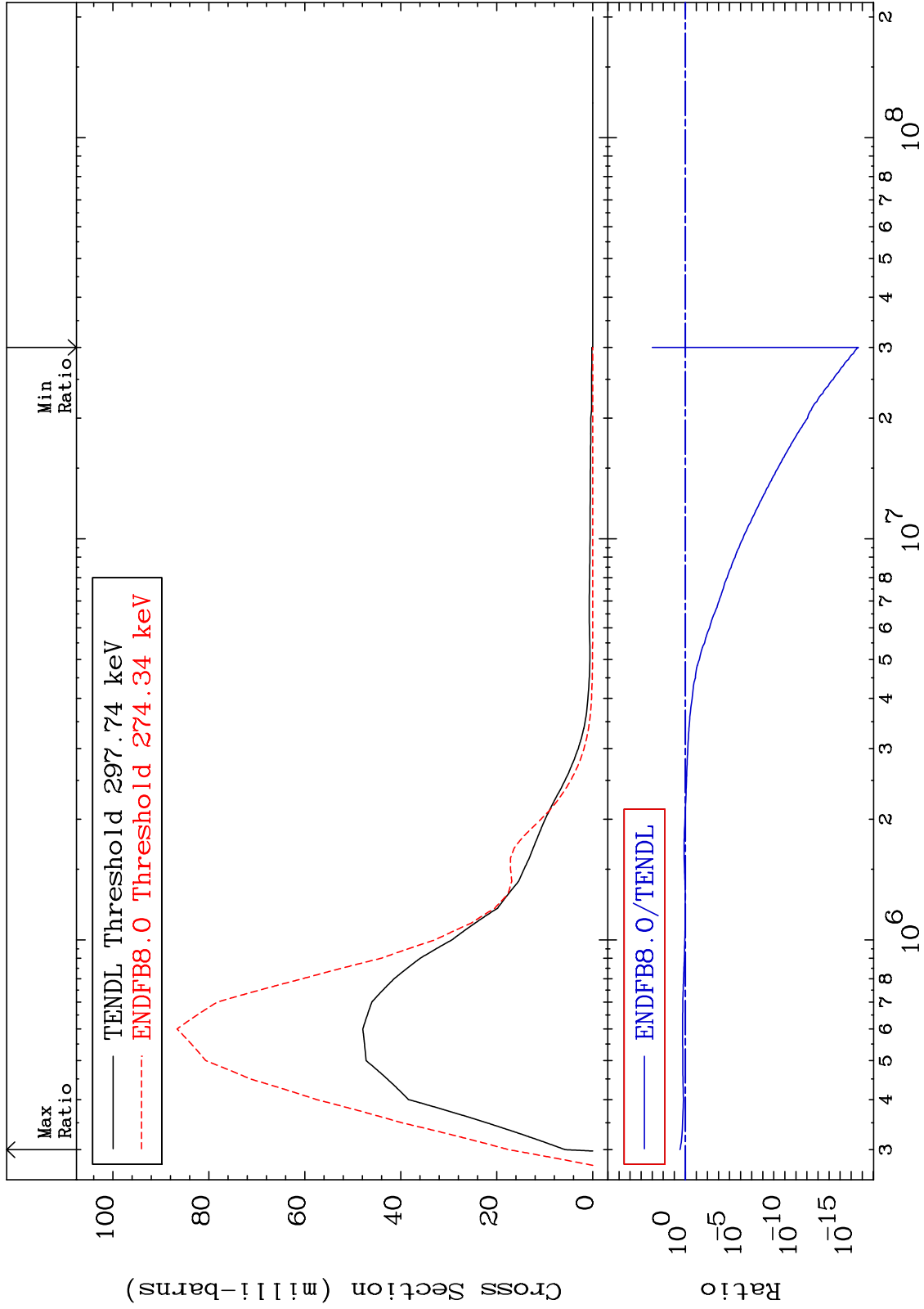
95-Am-241
-99.71 To 212.8 %



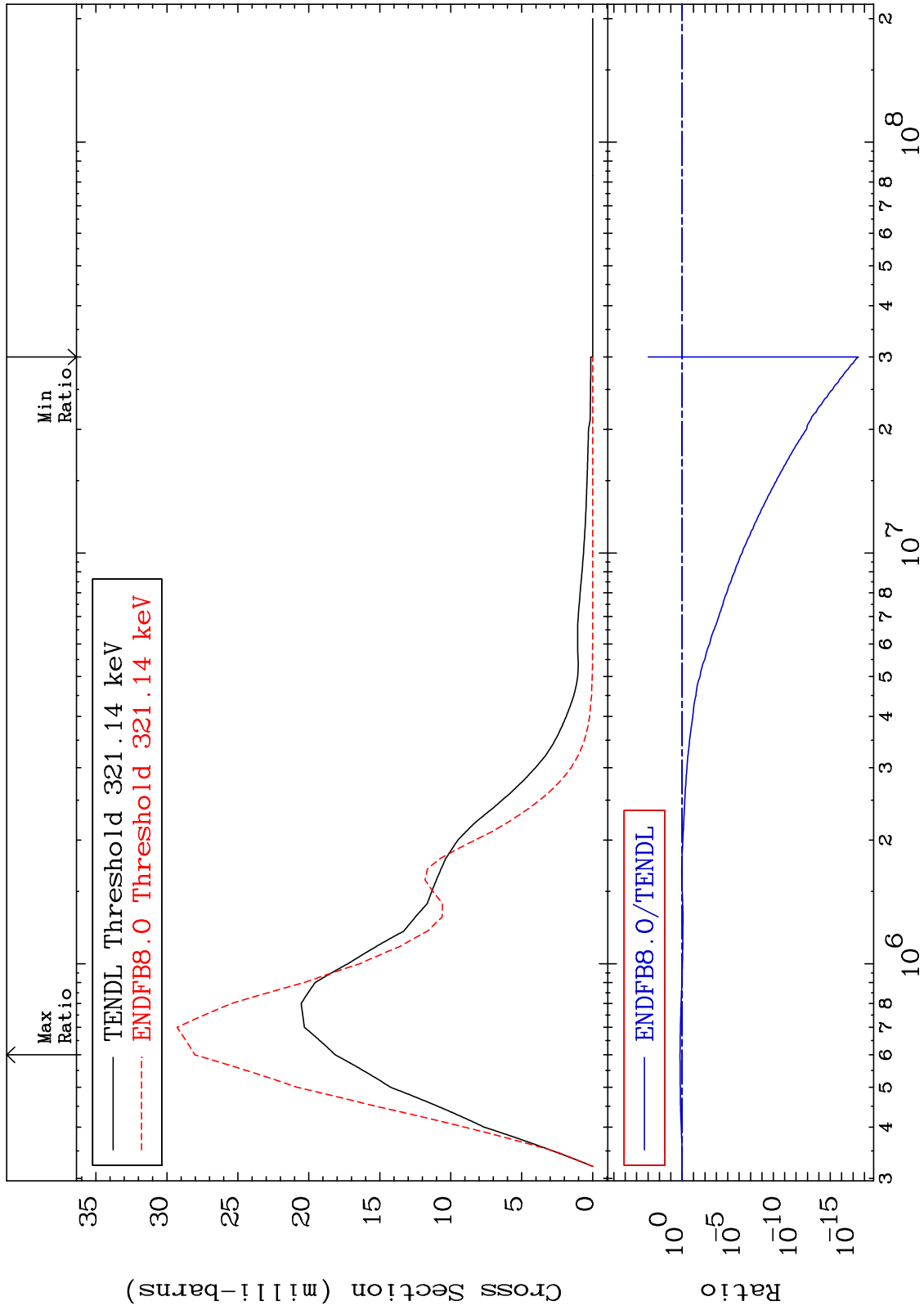
MAT 9543

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

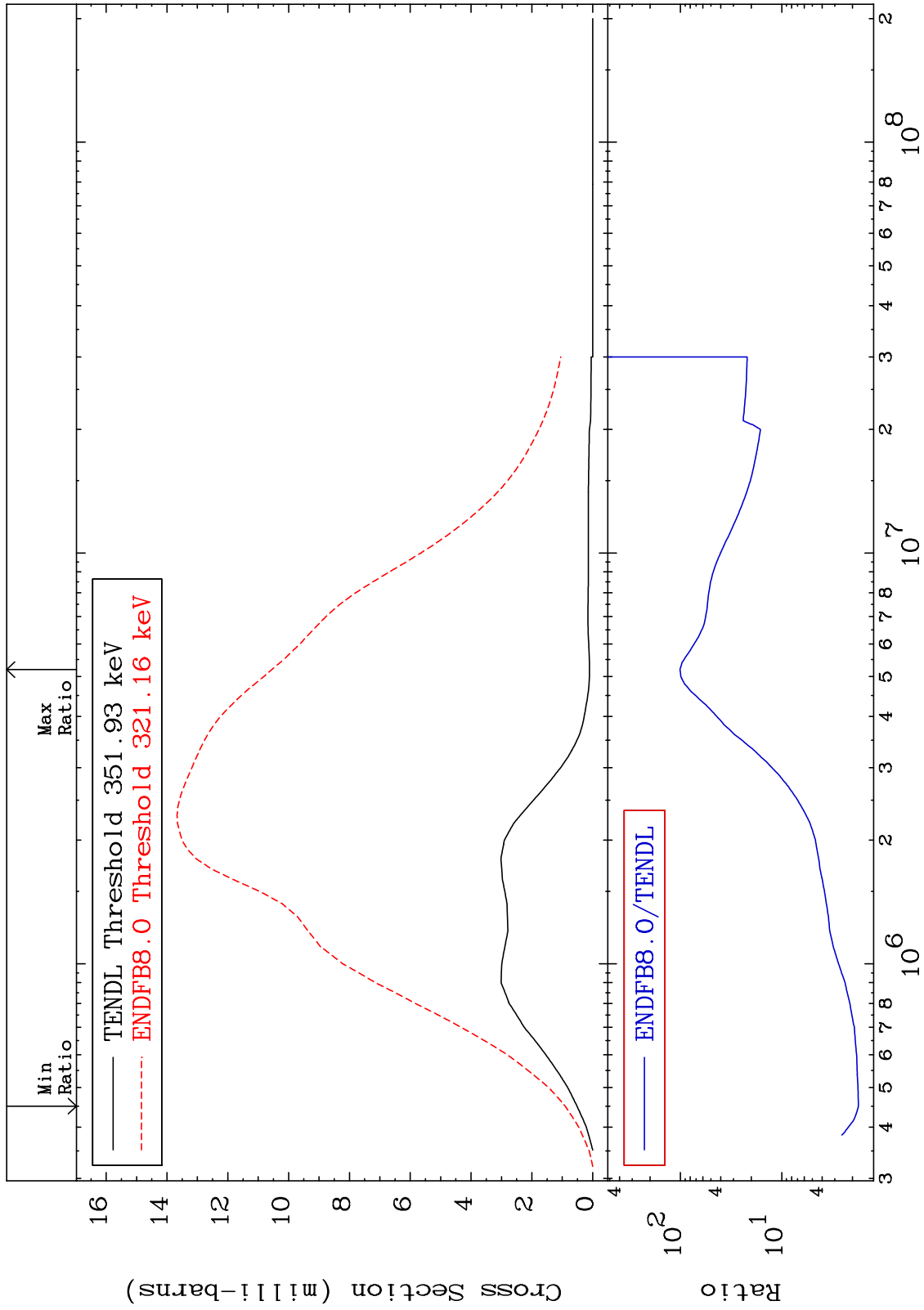
95-Am-241
-100.0 To 204.3 %



MAT 9543 MT= 60 (n,n') Level 95-Am-241
 Cross Section -100.0 To 54.56 %



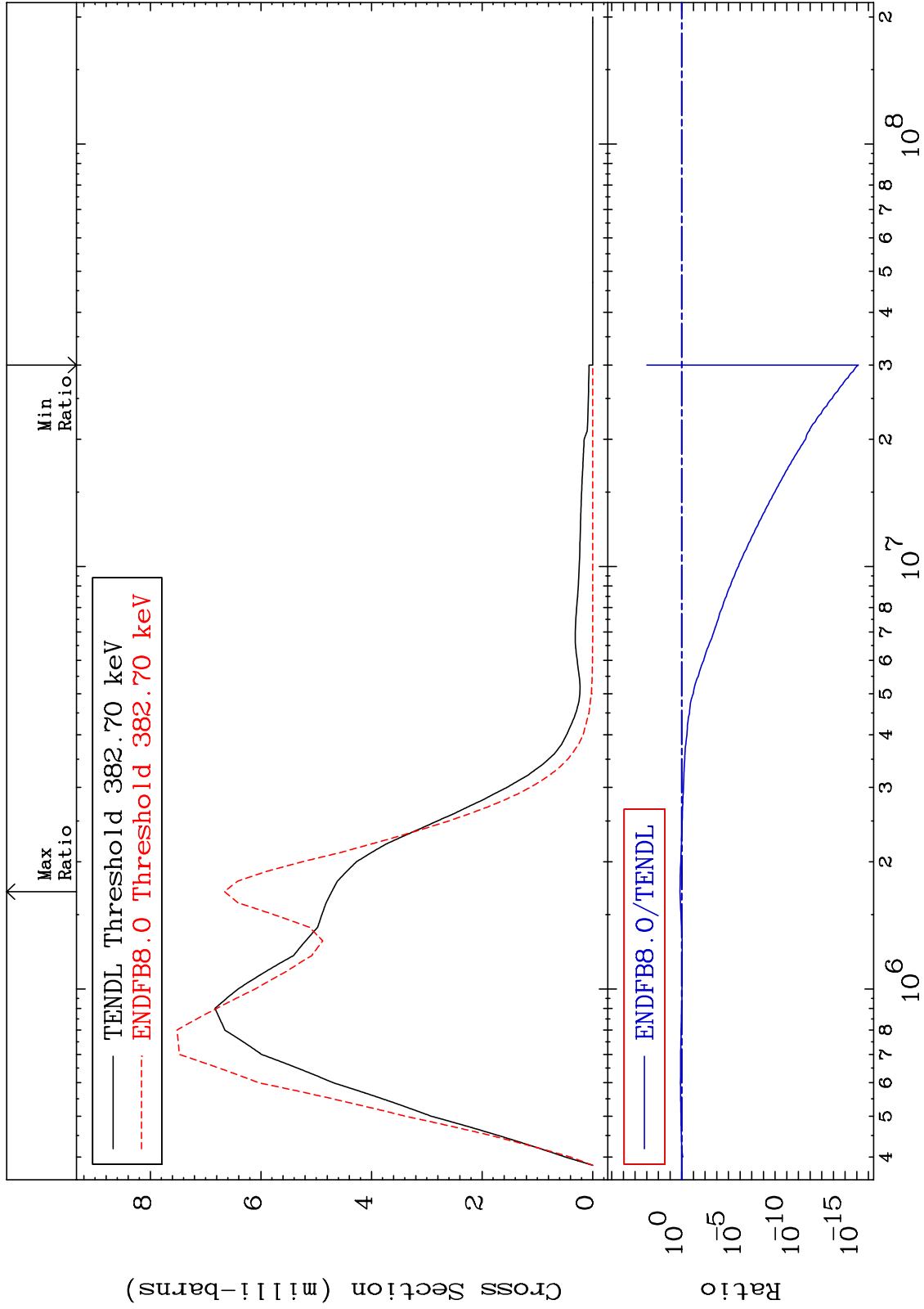
MAT 9543 MT= 61 (n,n') Level 95-Am-241
 Cross Section 75.04 To 9999. %



MAT 9543

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

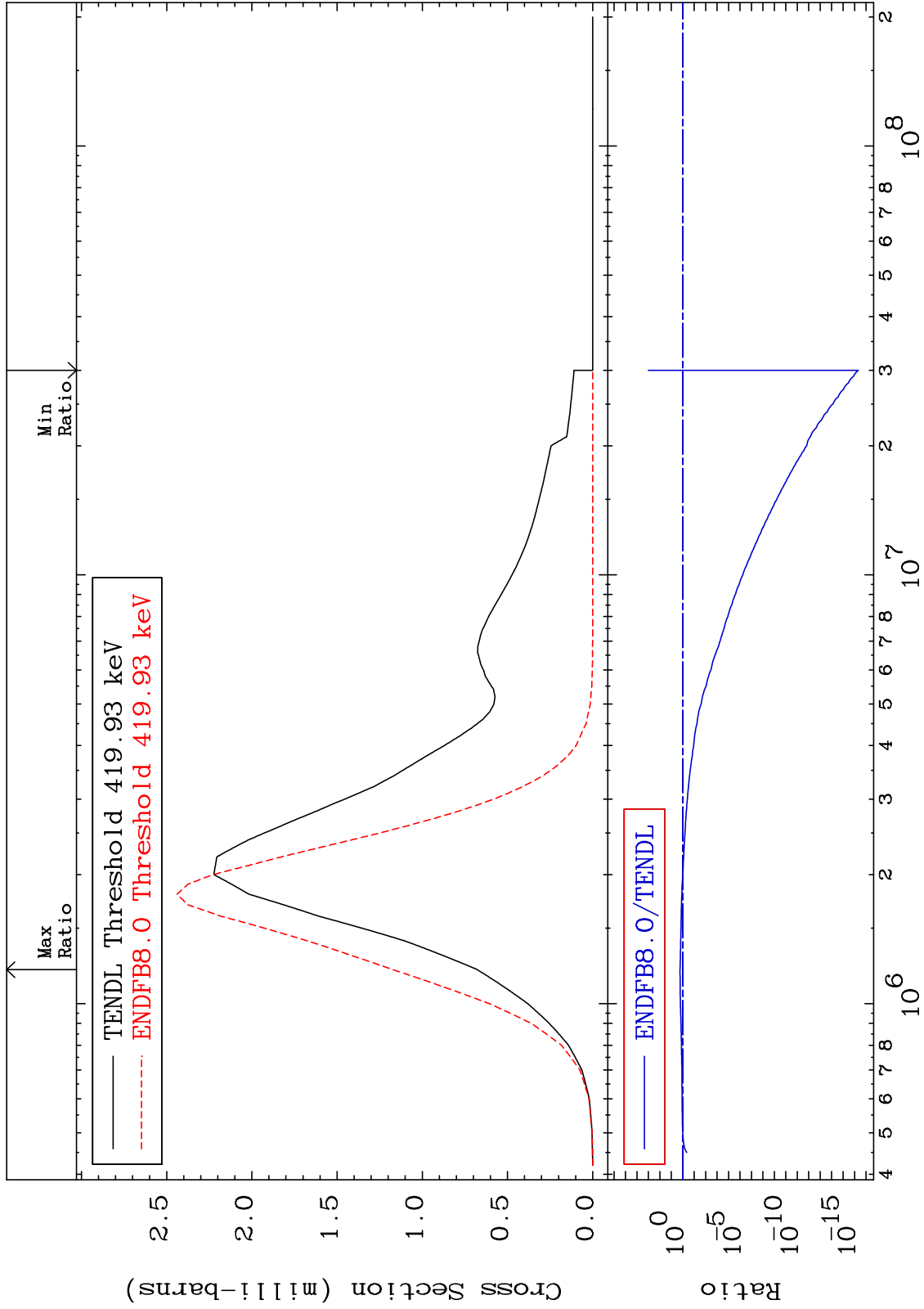
95-Am-241
-100.0 To 41.12 %



MAT 9543

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

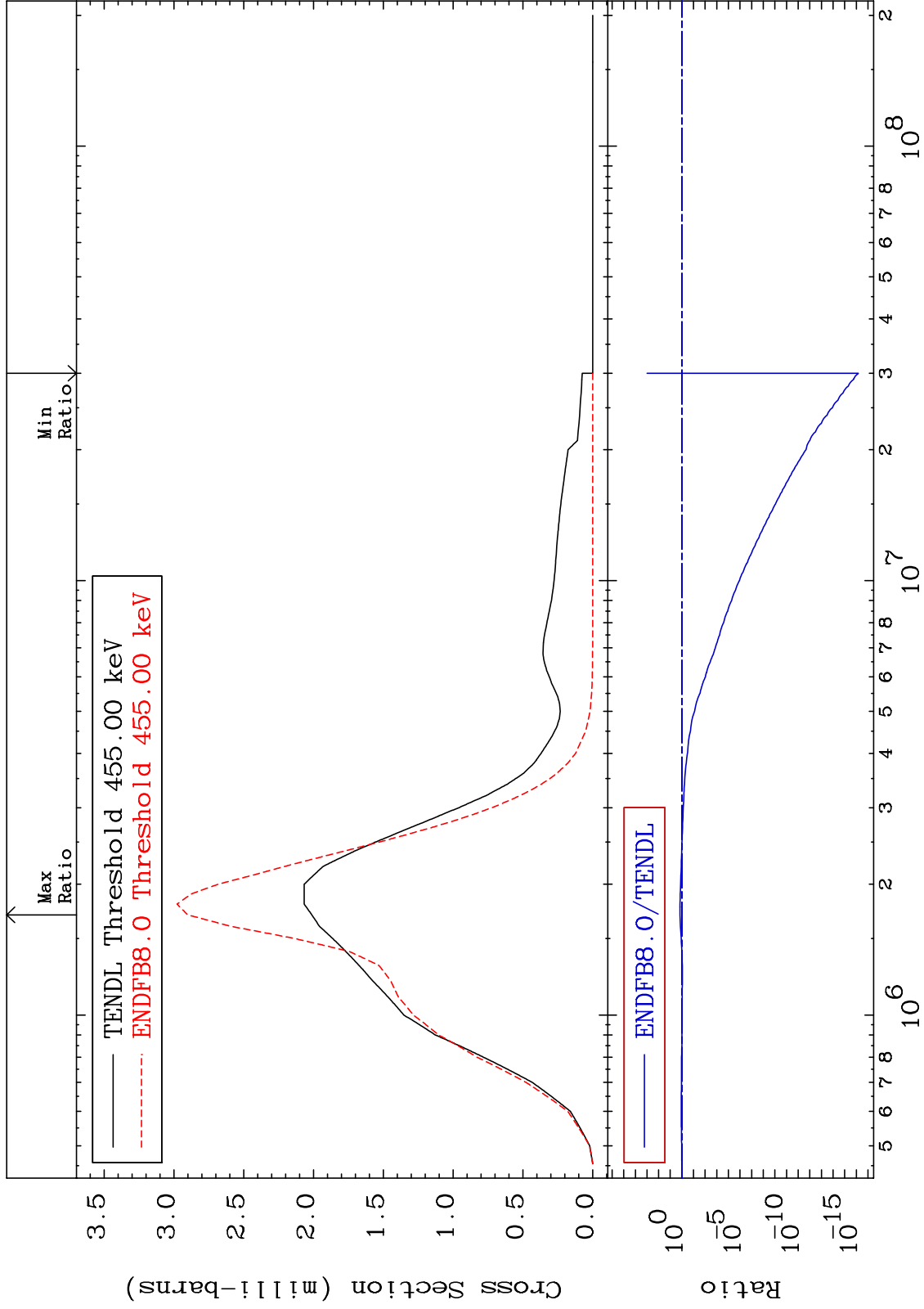
95-Am-241
-100.0 To 73.15 %



MAT 9543

MT= 64 (n,n') Level
Cross Section

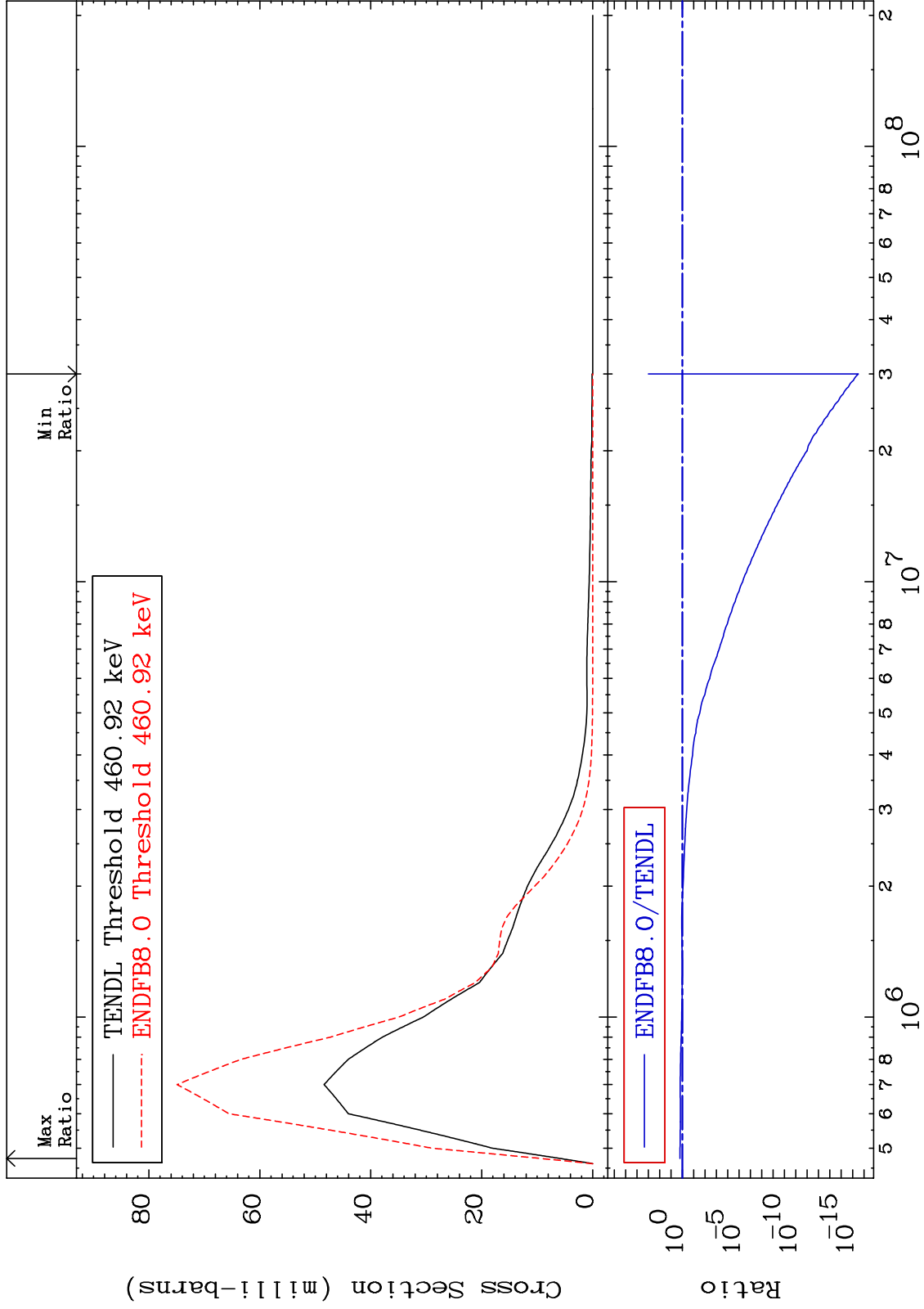
95-Am-241
-100.0 To 44.21 %



MAT 9543

MT= 65 (n,n') Level
Cross Section

95-Am-241
-100.0 To 60.21 %

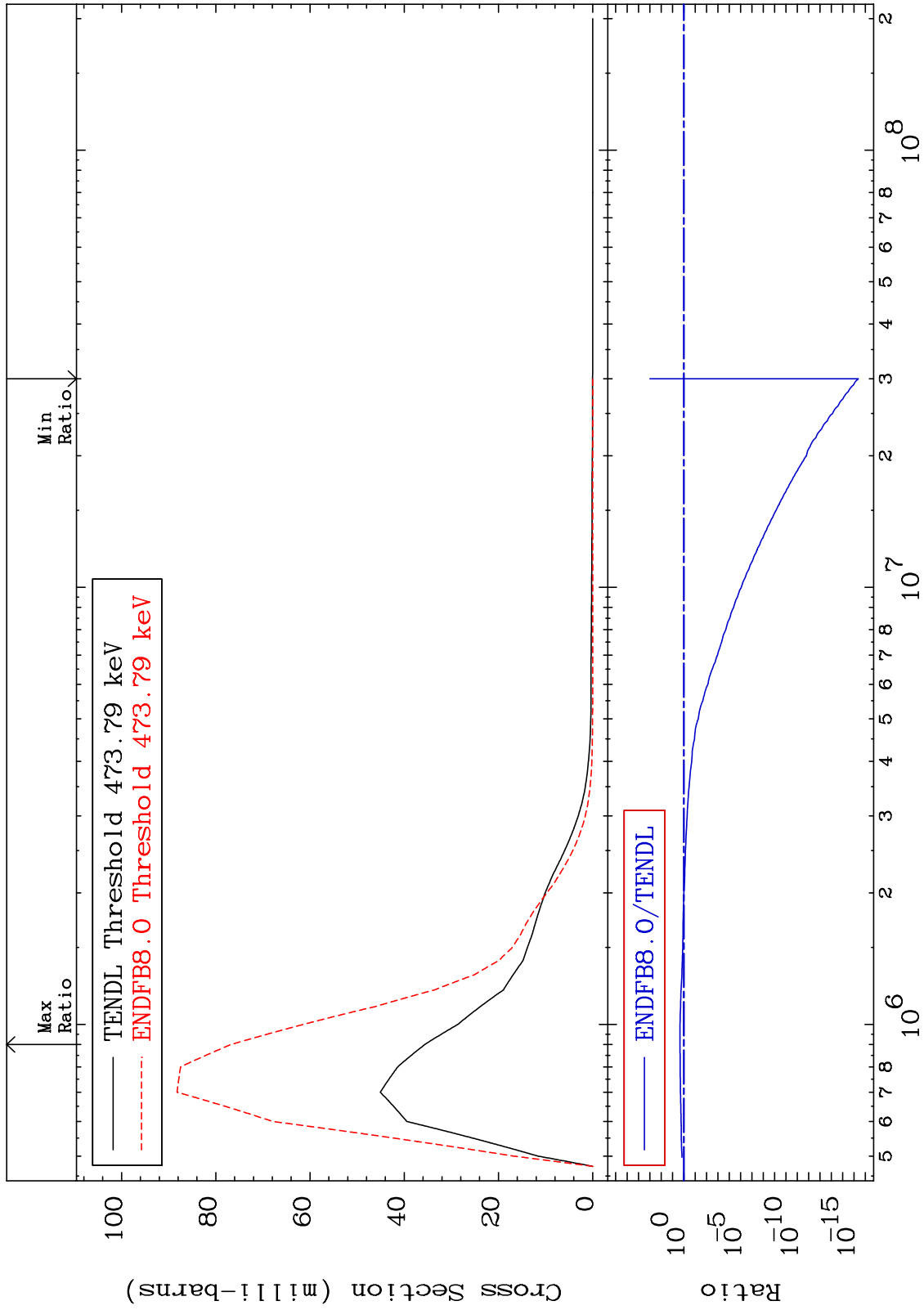


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Incident Energy (eV)

95-Am-241

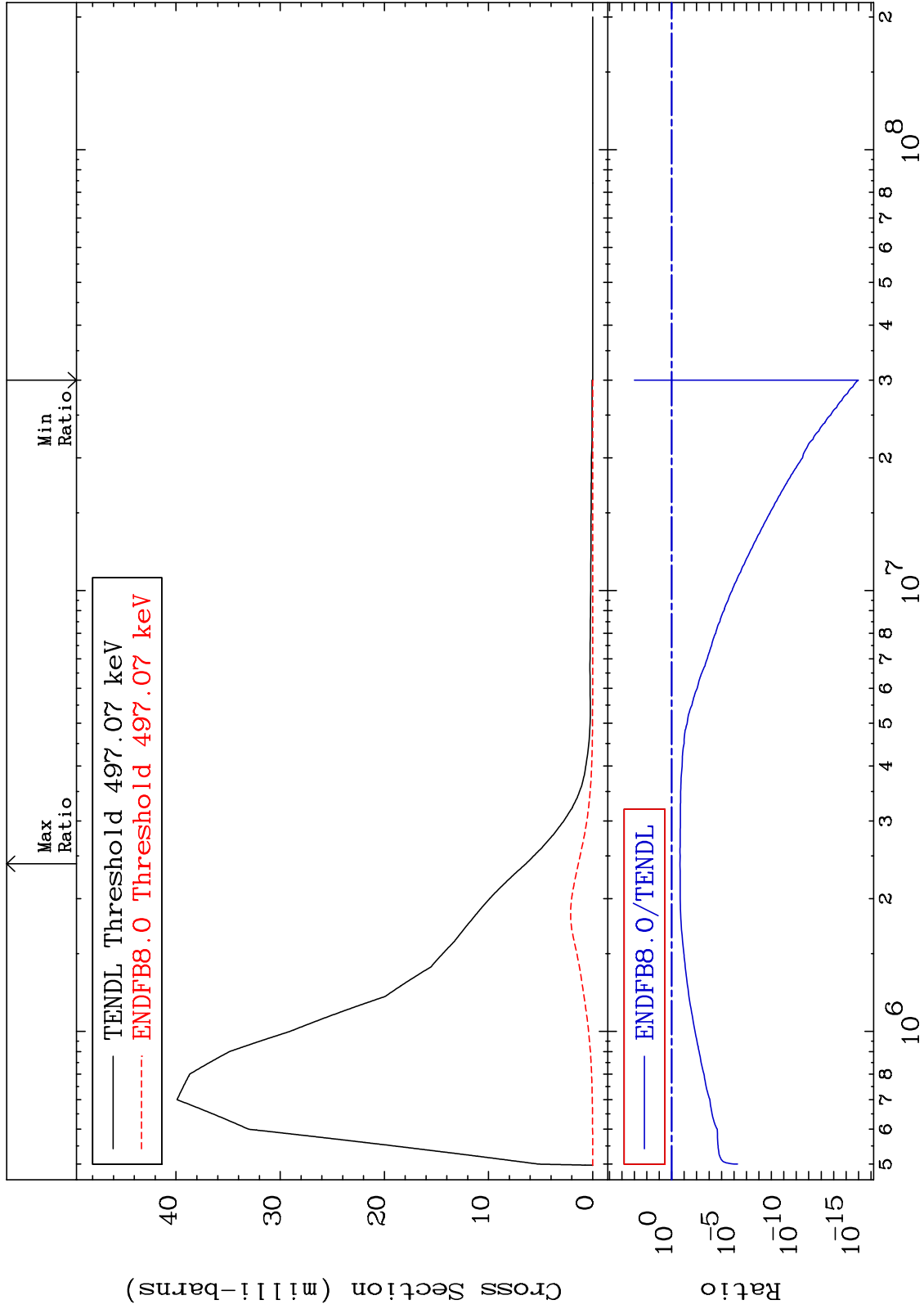
MAT 9543 MT= 66 (n,n') Level Cross Section -100.0 To 115.4 % 95-Am-241



MAT 9543

MT= 67 (n,n') Level
Cross Section

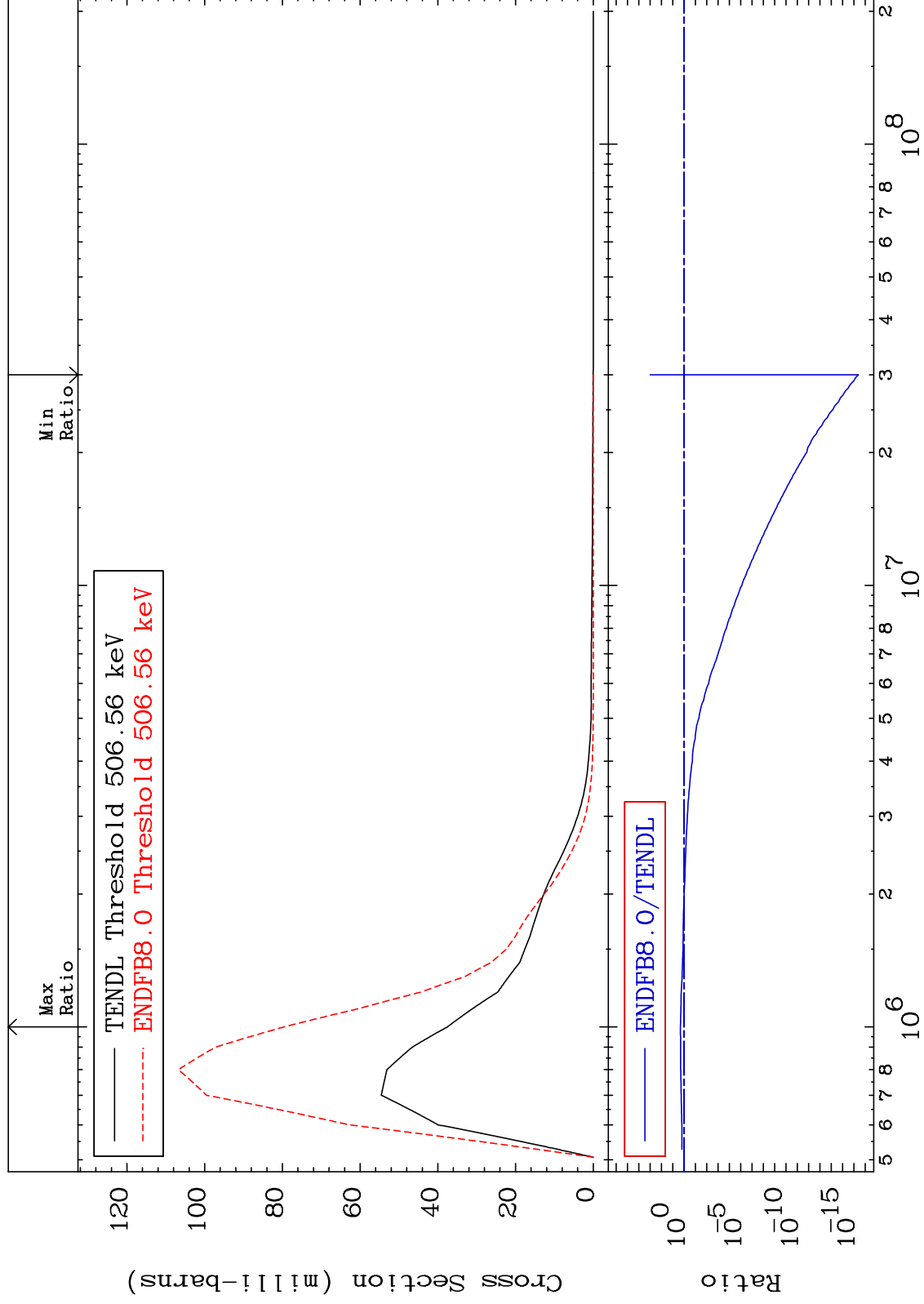
95-Am-241
-100.0 To -78.50%



MAT 9543

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

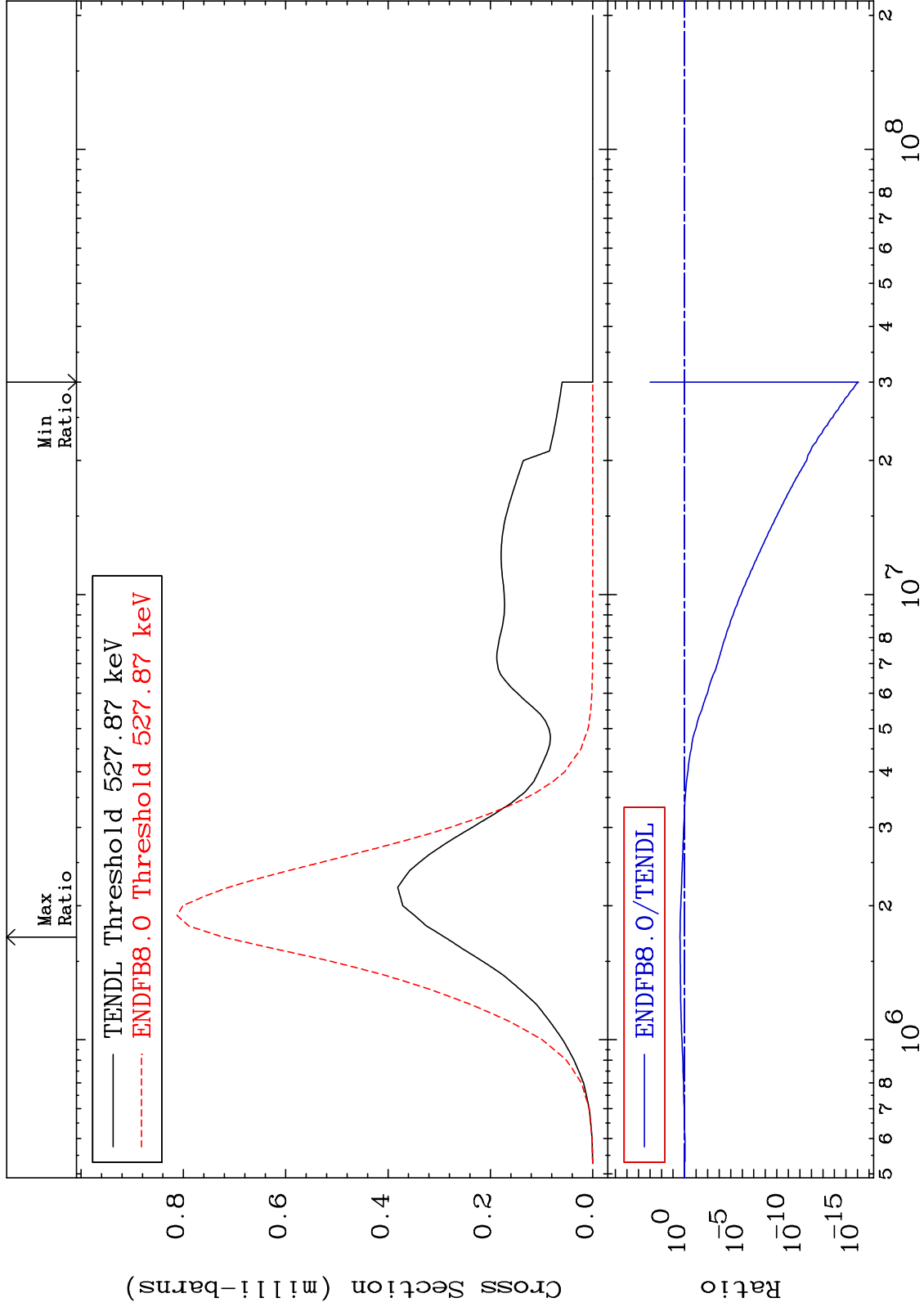
95-Am-241
-100.0 To 112.0 %



MAT 9543

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

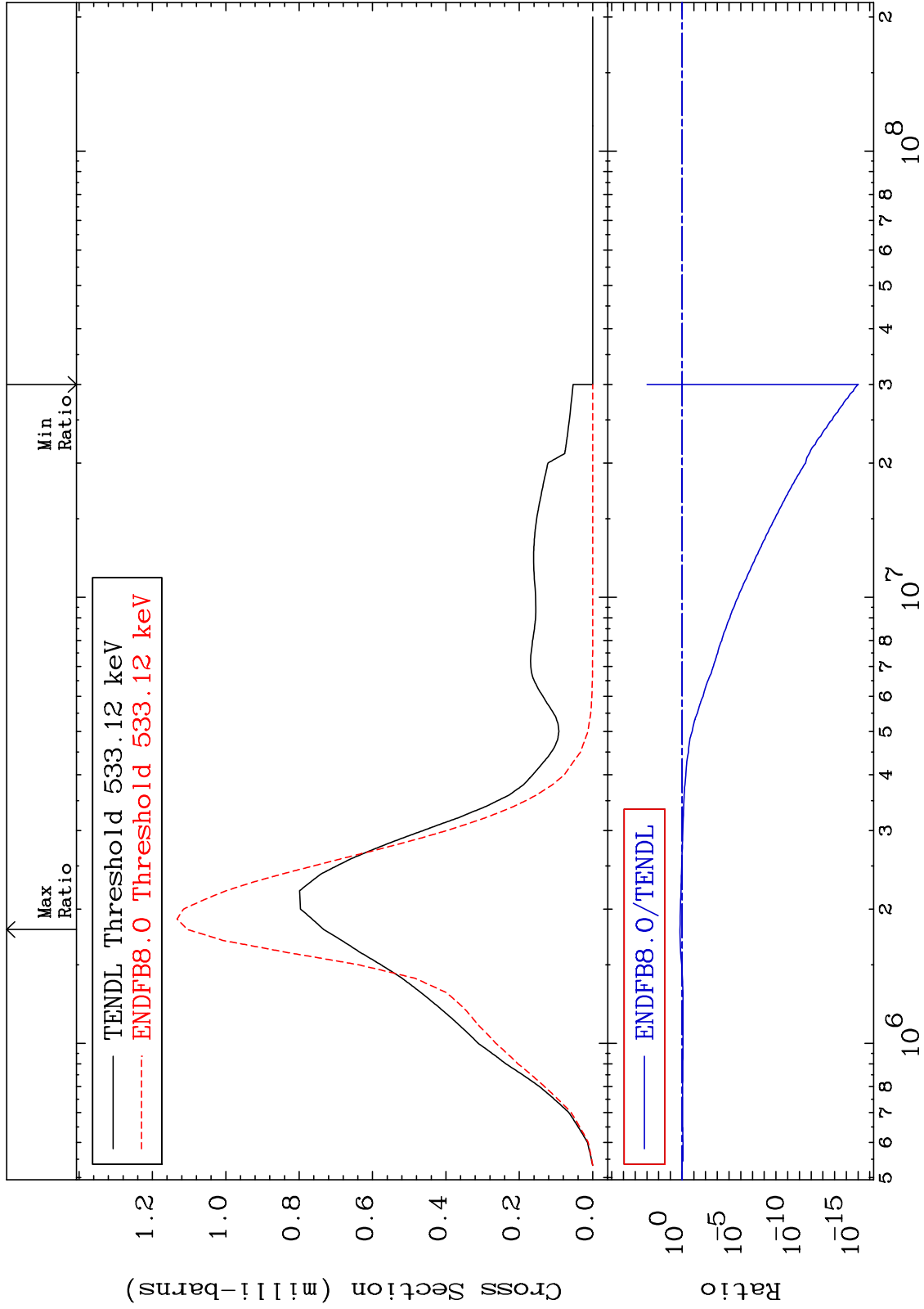
95-Am-241
-100.0 To 149.7 %



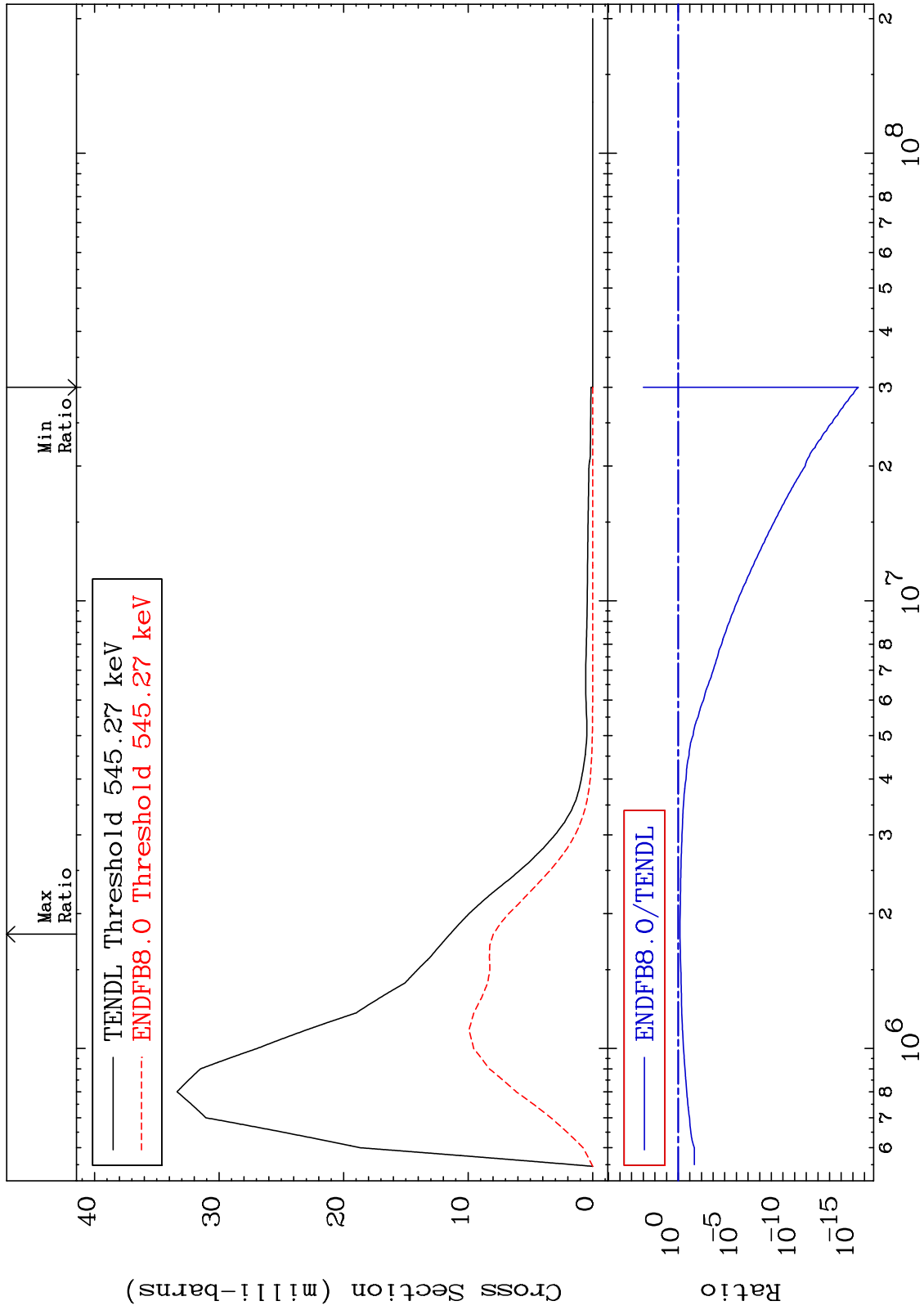
MAT 9543

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

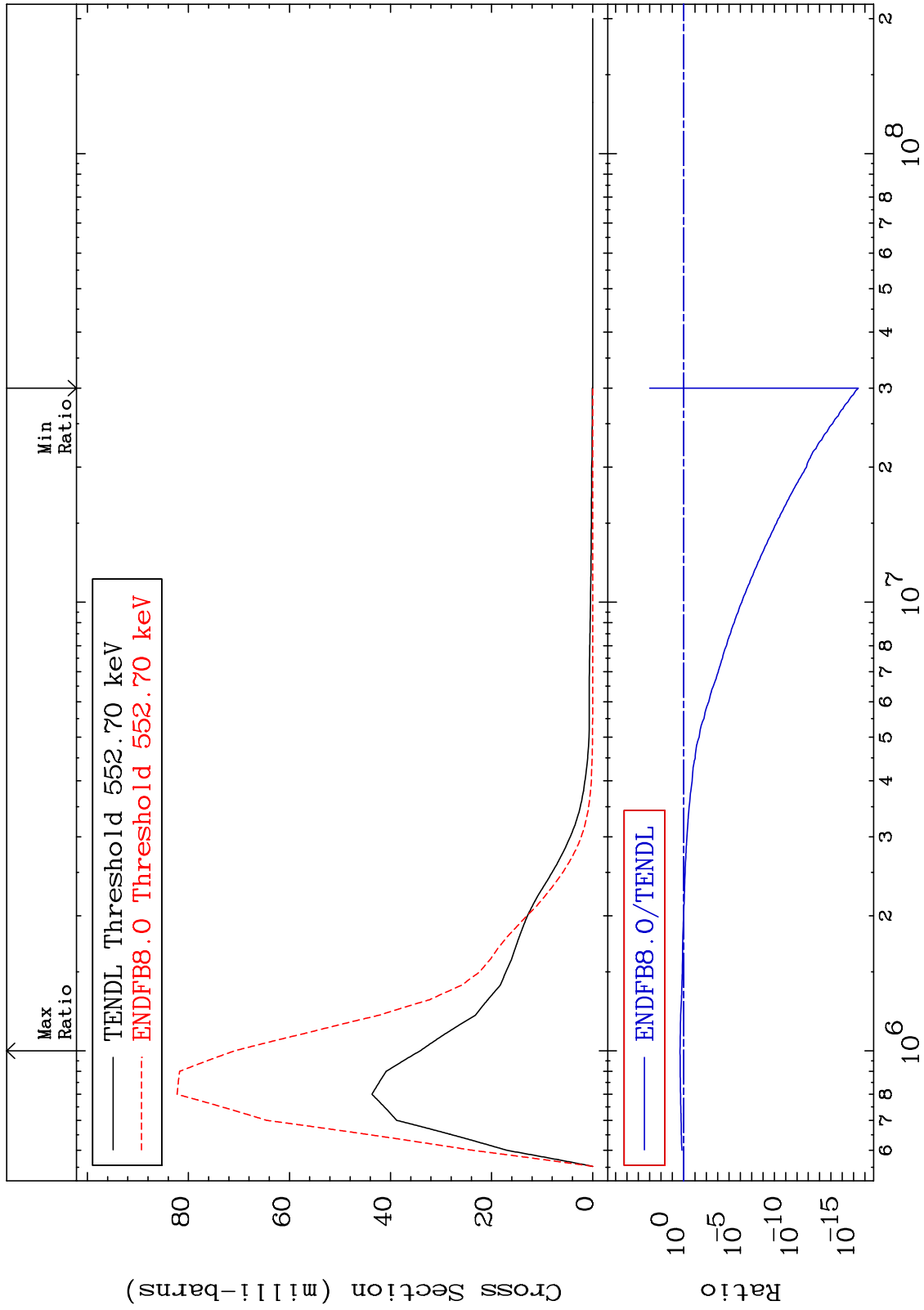
95-Am-241
-100.0 To 50.64 %



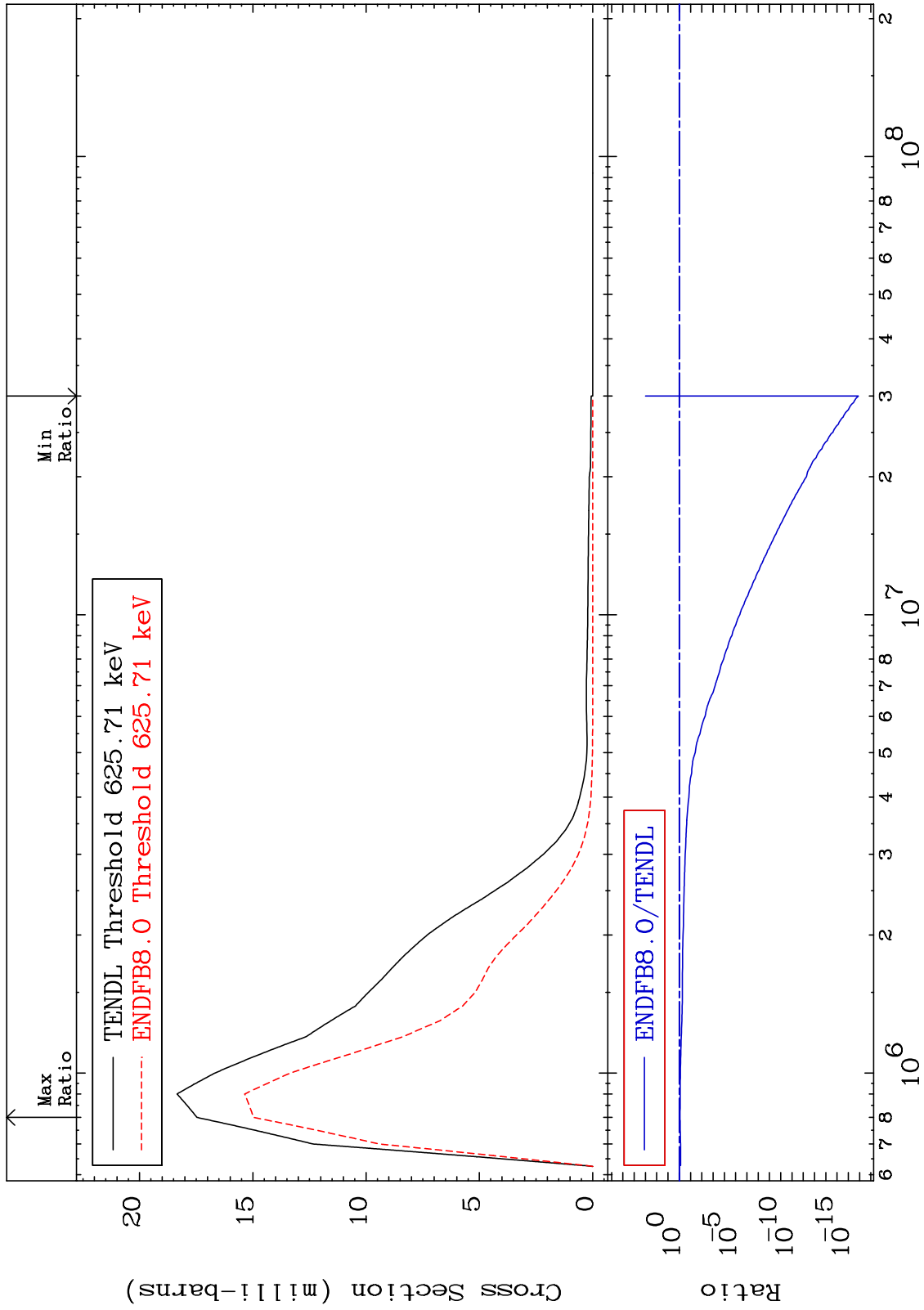
MAT 9543 MT= 71 (n,n') Level Cross Section 95-Am-241 -100.0 To -30.39%



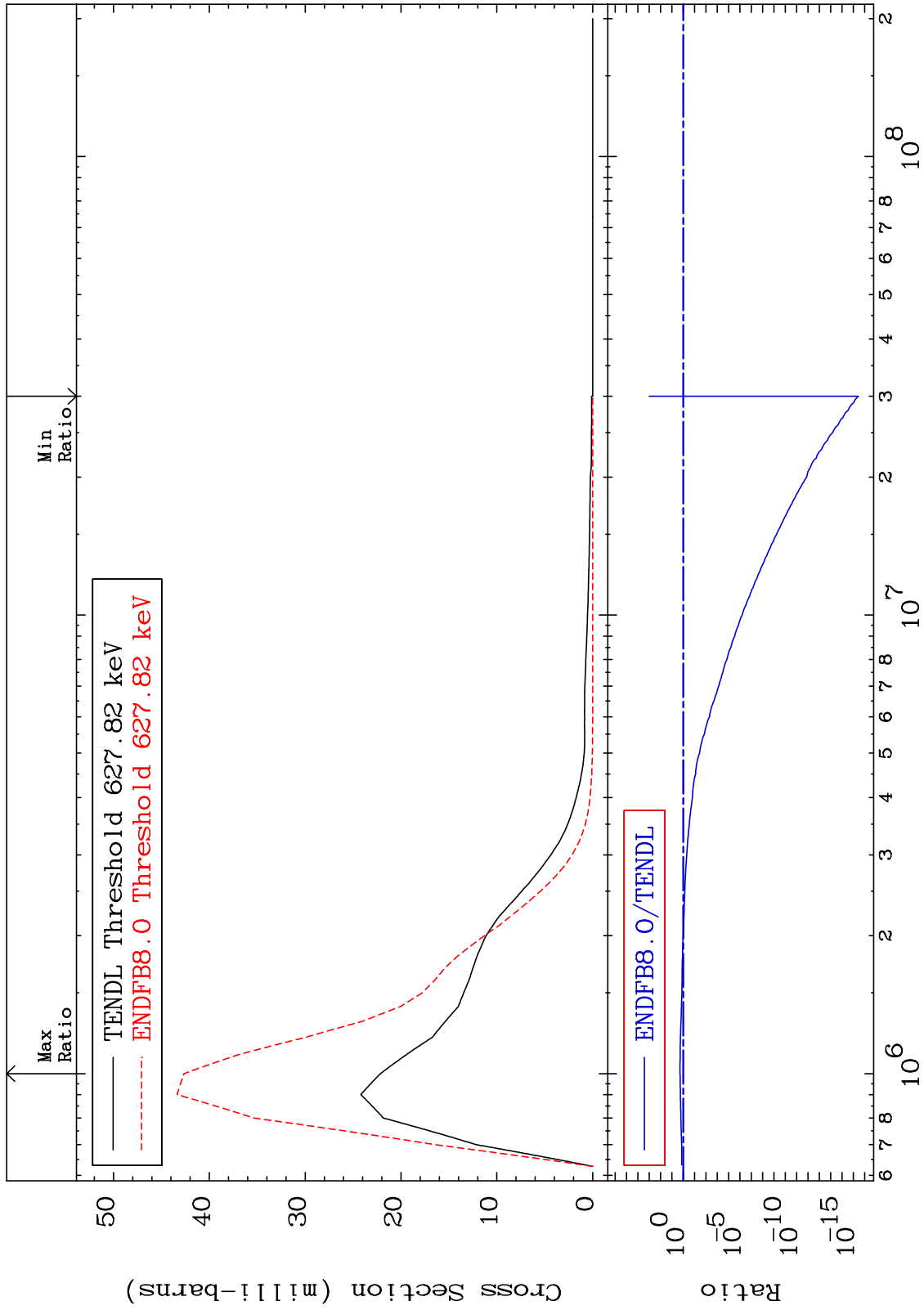
MAT 9543 MT= 72 (n,n') Level Cross Section 95-Am-241 -100.0 To 107.6 %



MAT 9543 MT= 73 (n,n') Level Cross Section 95-Am-241 -100.0 To -14.32%



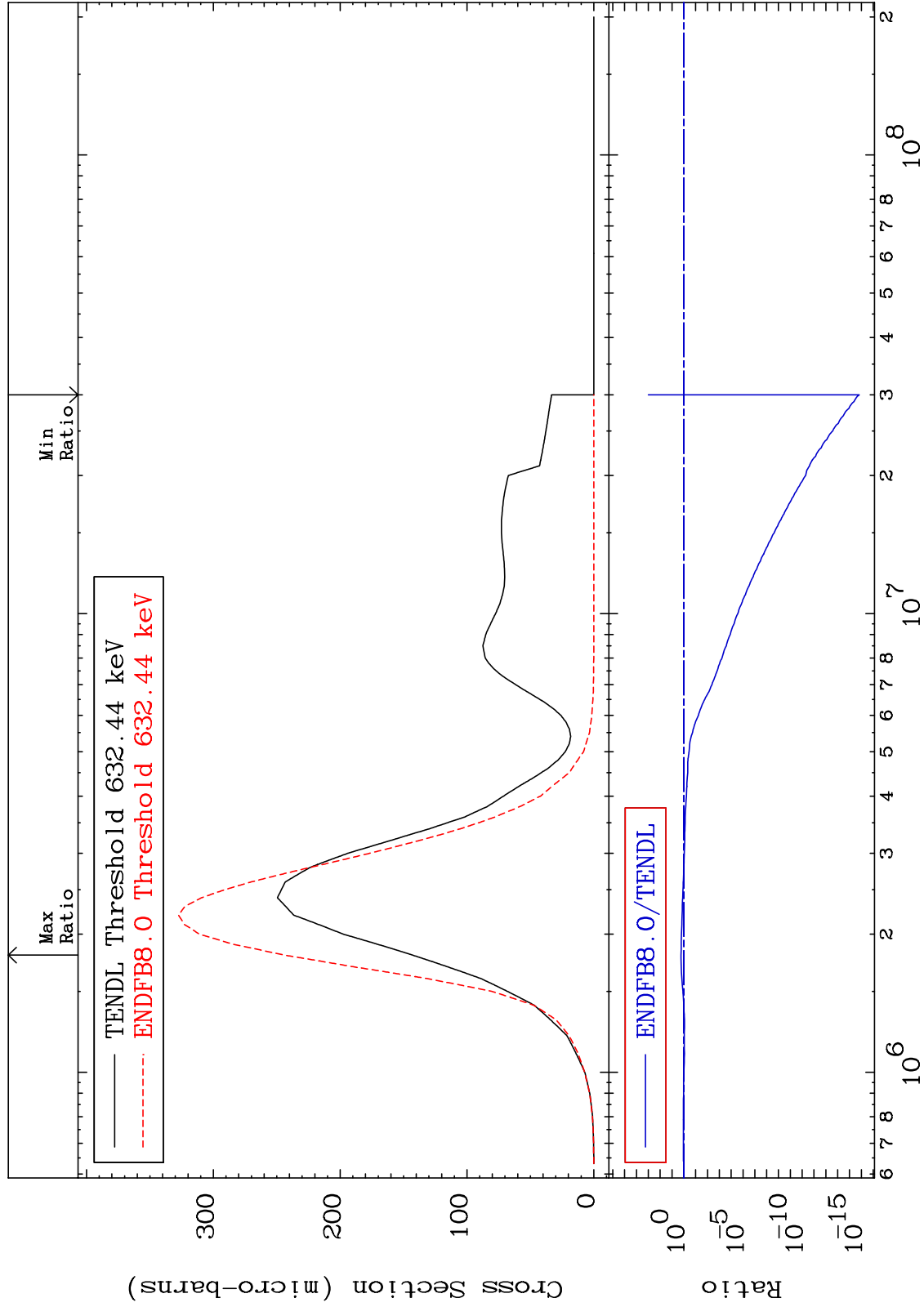
MAT 9543 MT= 74 (n,n') Level 95-Am-241
 Cross Section -100.0 To 92.55 %



MAT 9543

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

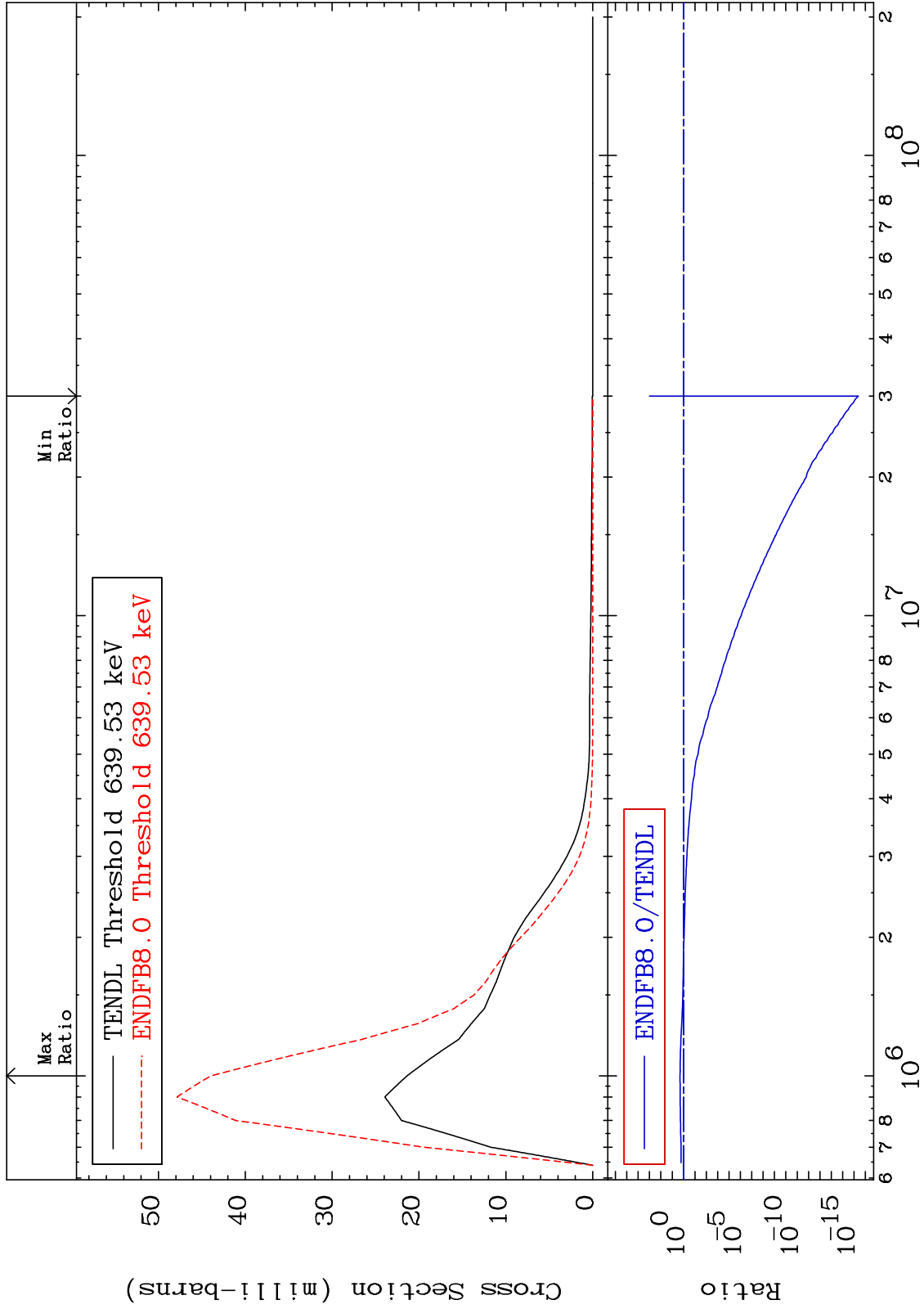
95-Am-241
-100.0 To 70.78 %



MAT 9543

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

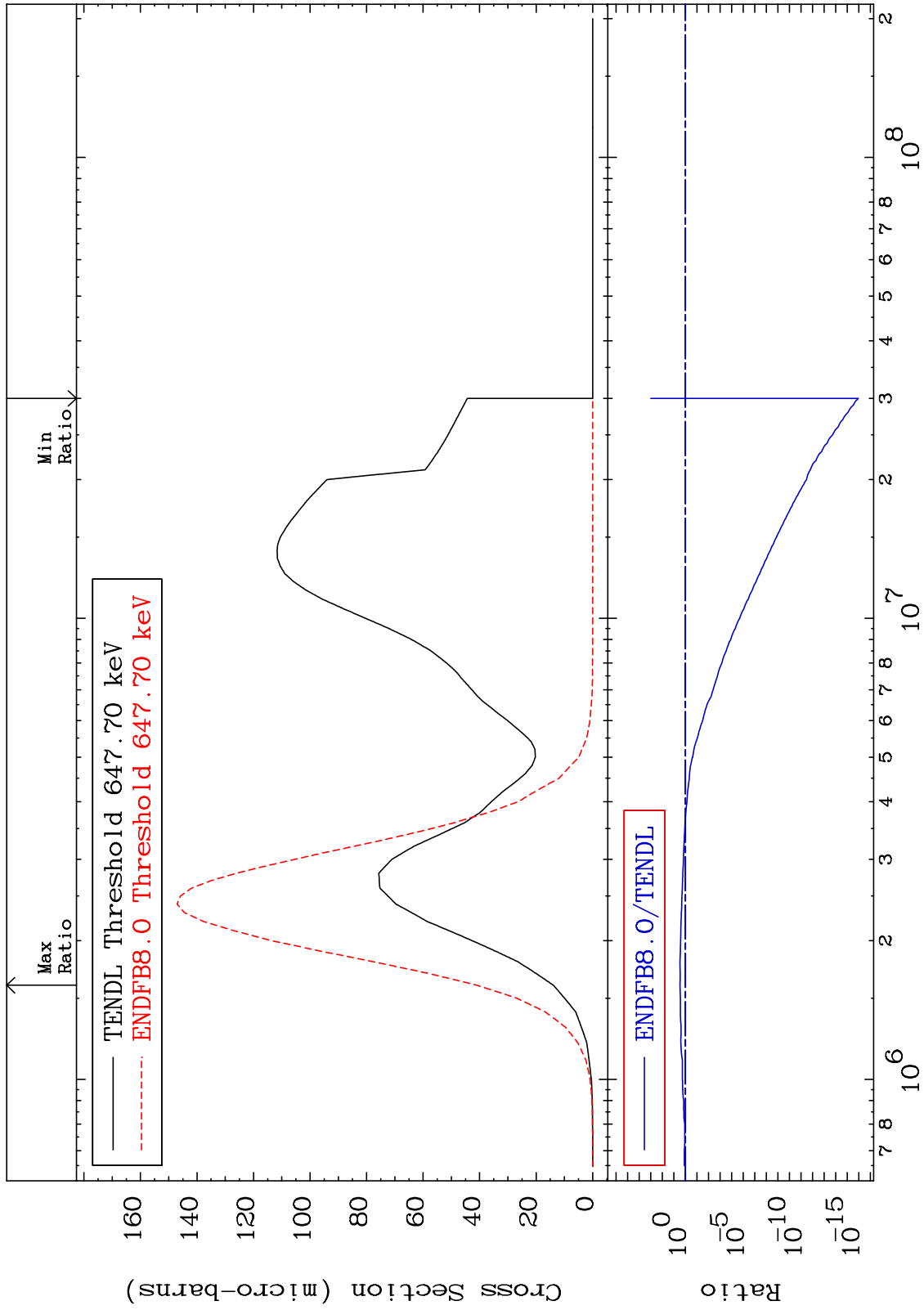
95-Am-241
-100.0 To 105.7 %



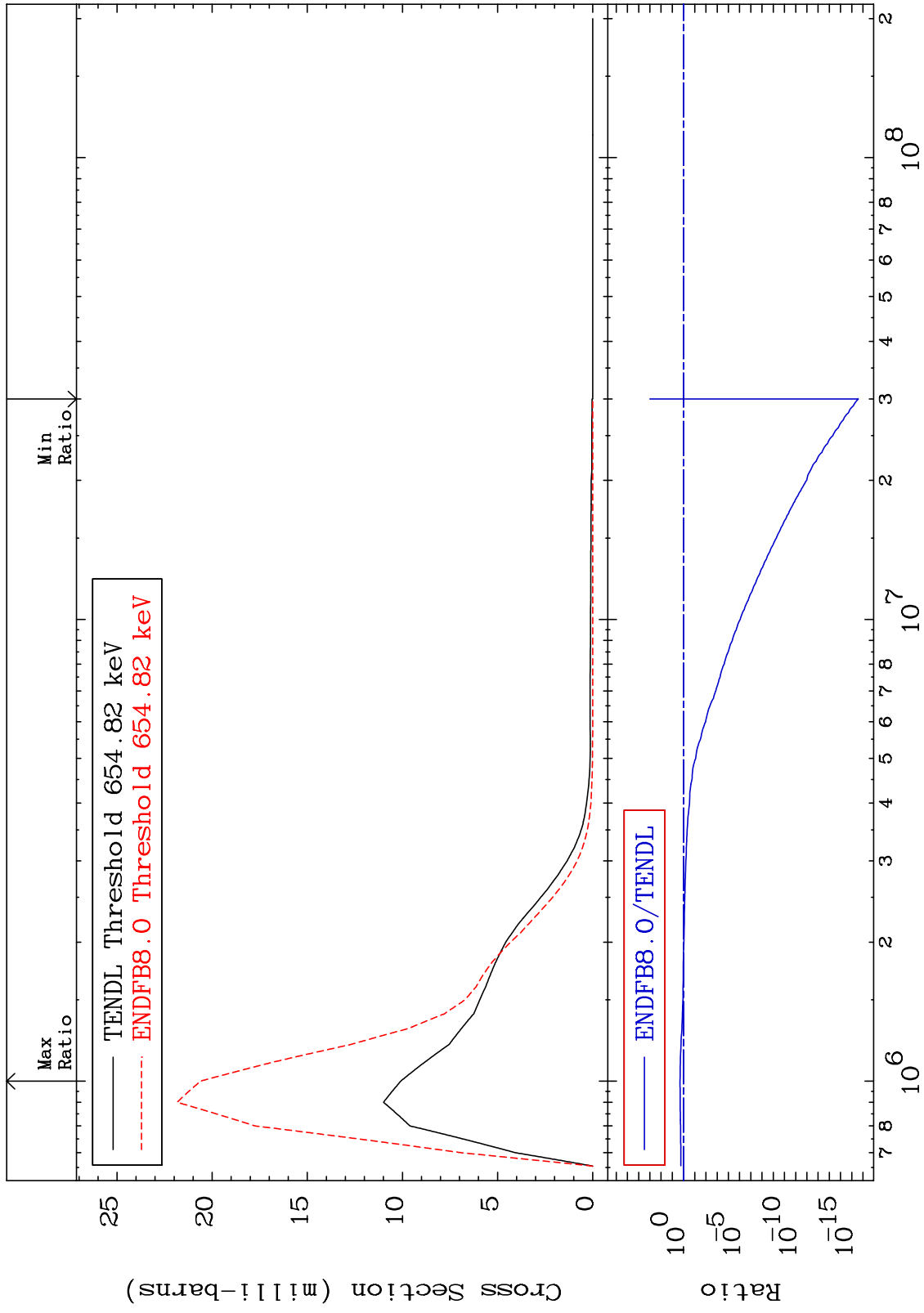
Incident Energy (eV)

95-Am-241

MAT 9543 MT= 77 (n,n') Level
 Cross Section 95-Am-241
 -100.0 To 194.4 %



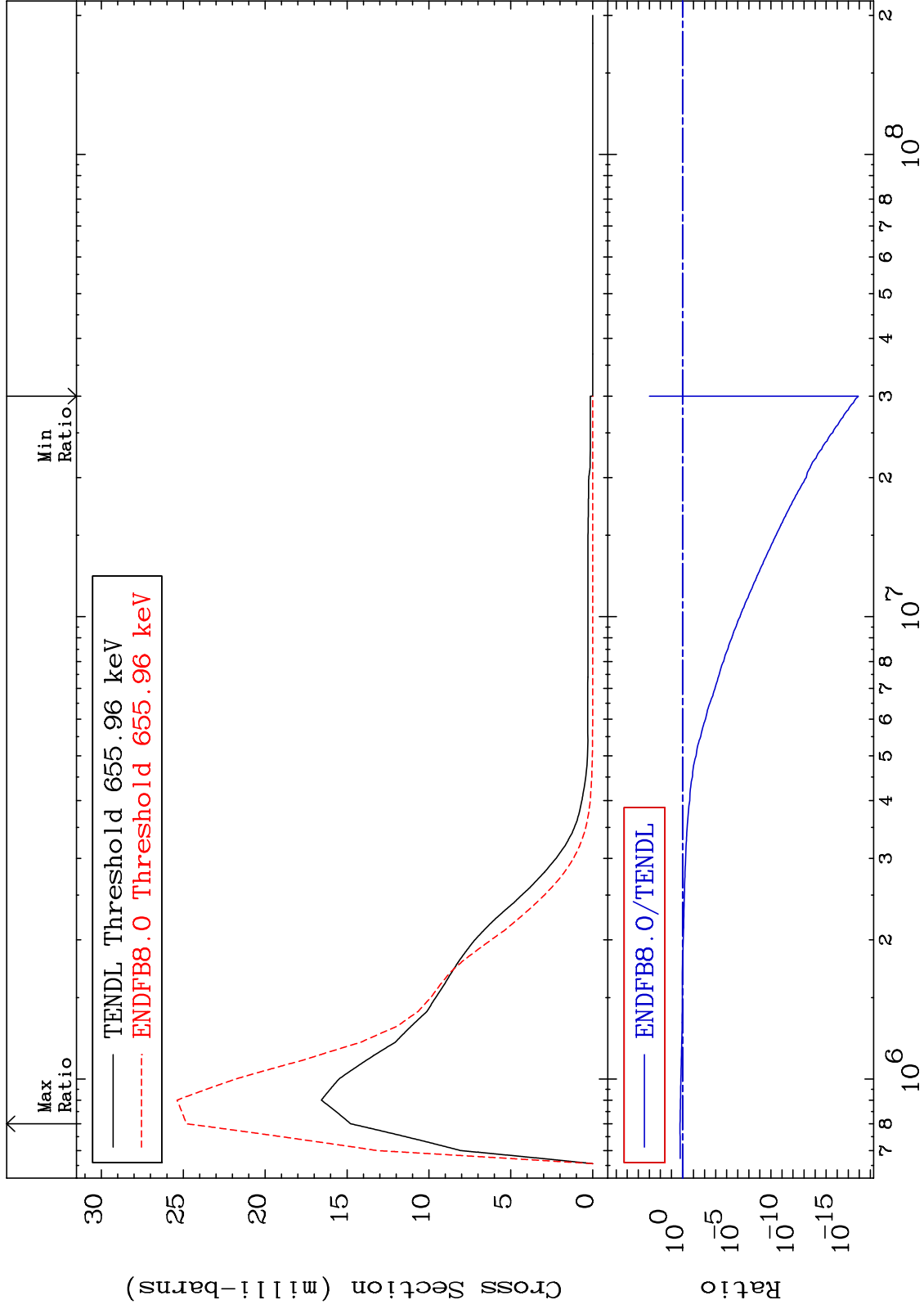
MAT 9543 MT= 78 (n,n') Level 95-Am-241
 Cross Section -100.0 To 104.4 %



MAT 9543

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

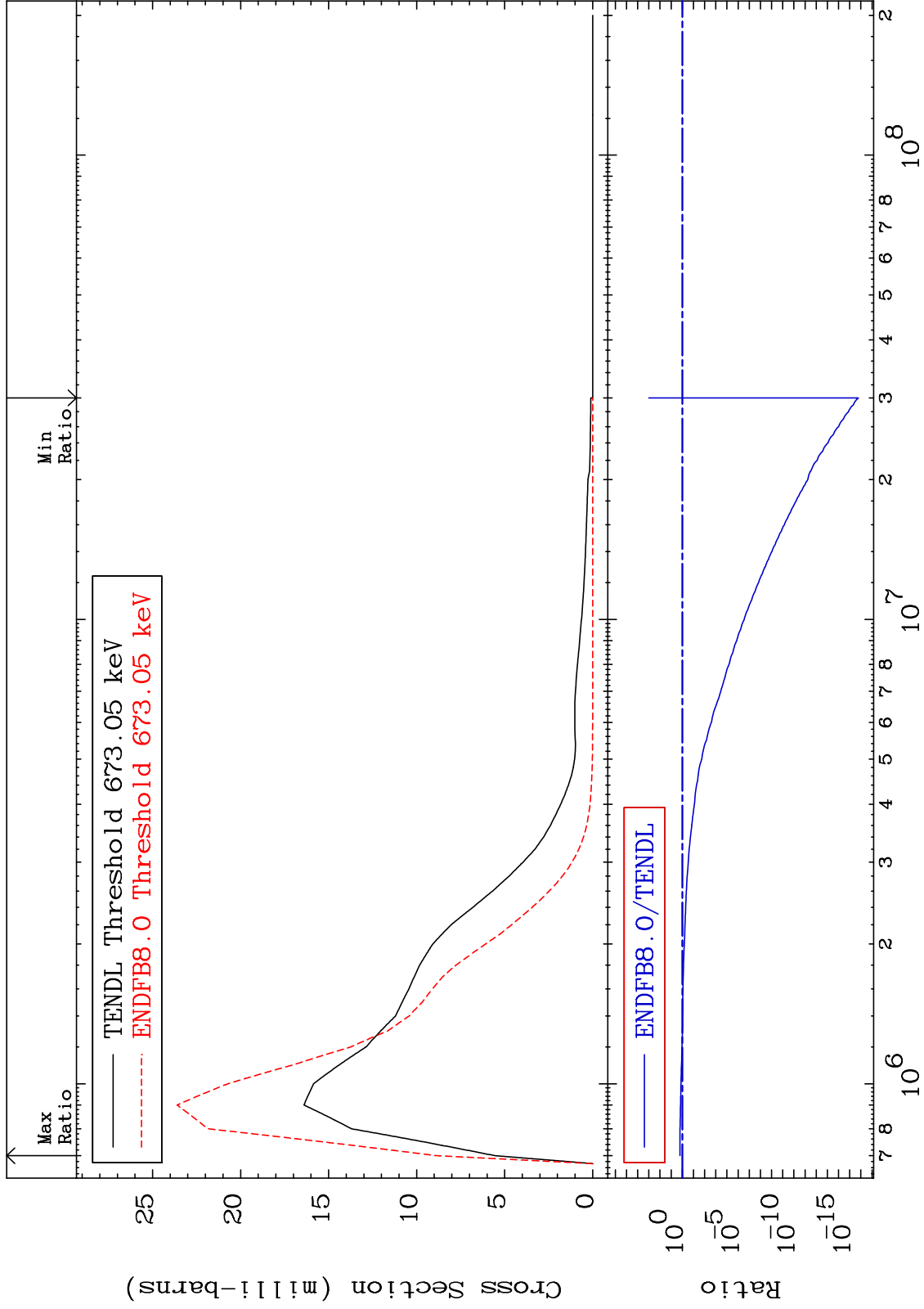
95-Am-241
-100.0 To 67.84 %



MAT 9543

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

95-Am-241
-100.0 To 59.64 %



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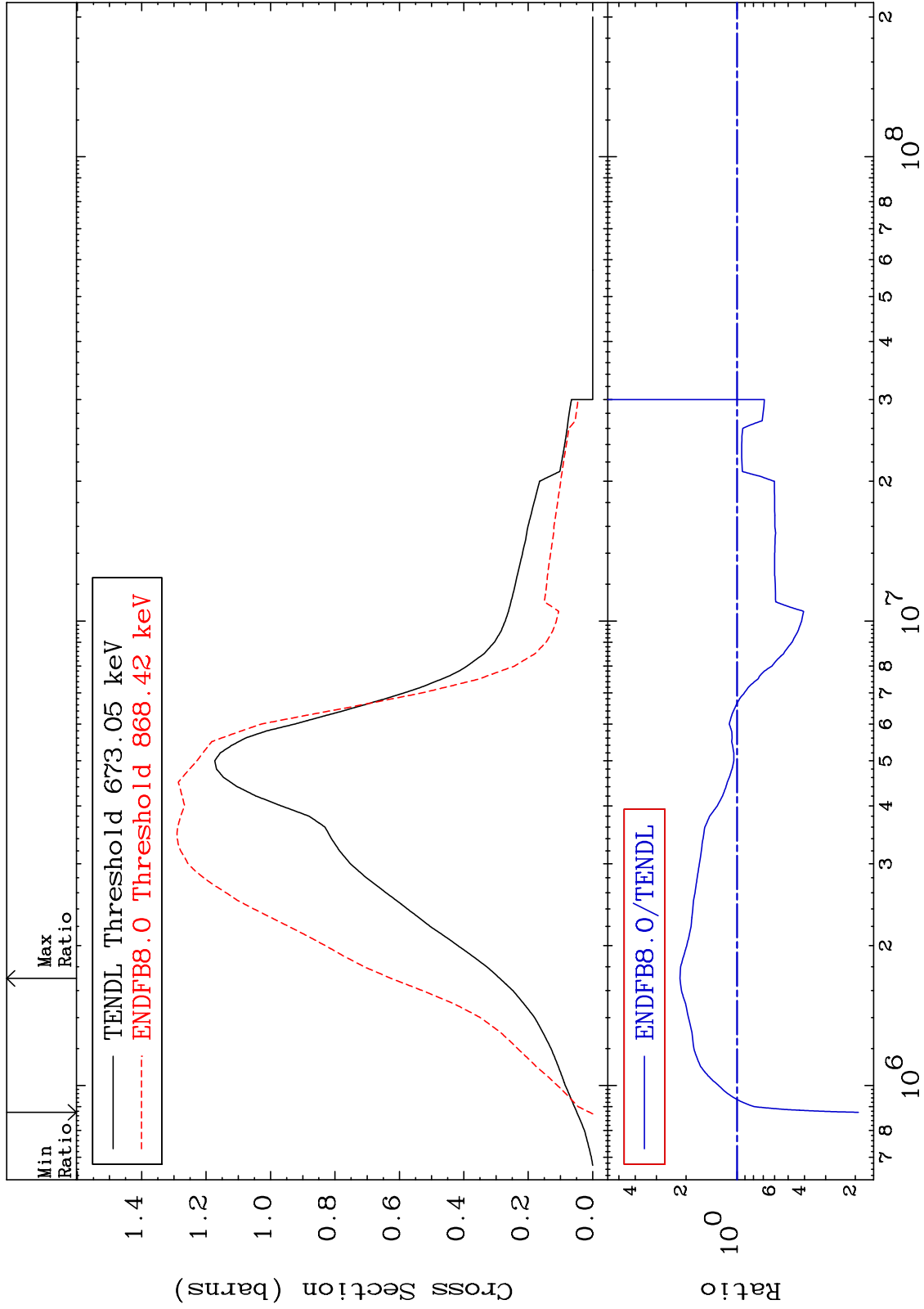
Incident Energy (eV)

95-Am-241

MAT 9543

(n, n') Continuum
Cross Section

95-Am-241
-80.80 To 117.4 %



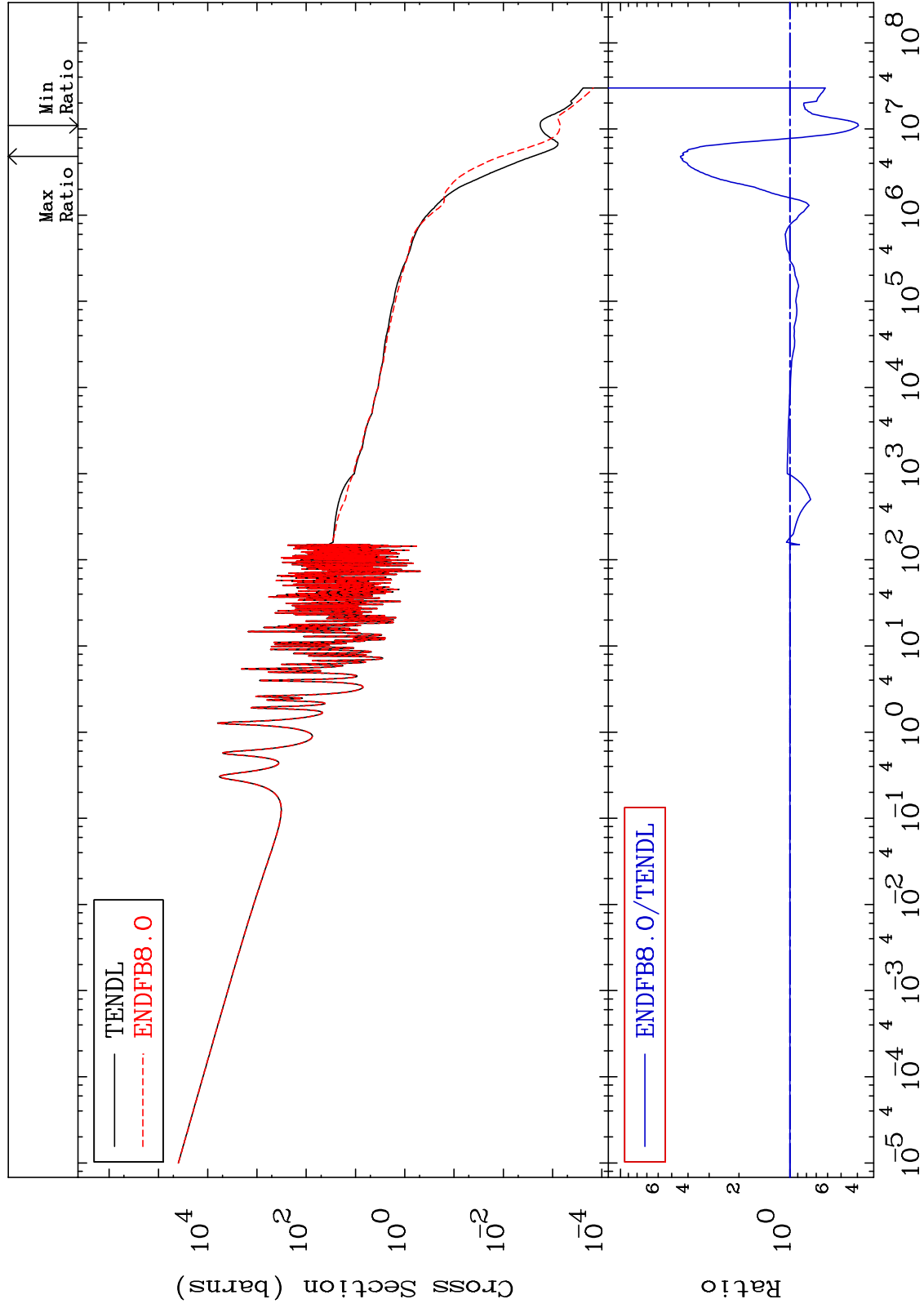
MAT 9543

(n, γ)

95-Am-241

Cross Section

-60.61 To 343.2 %



Incident Energy (eV)

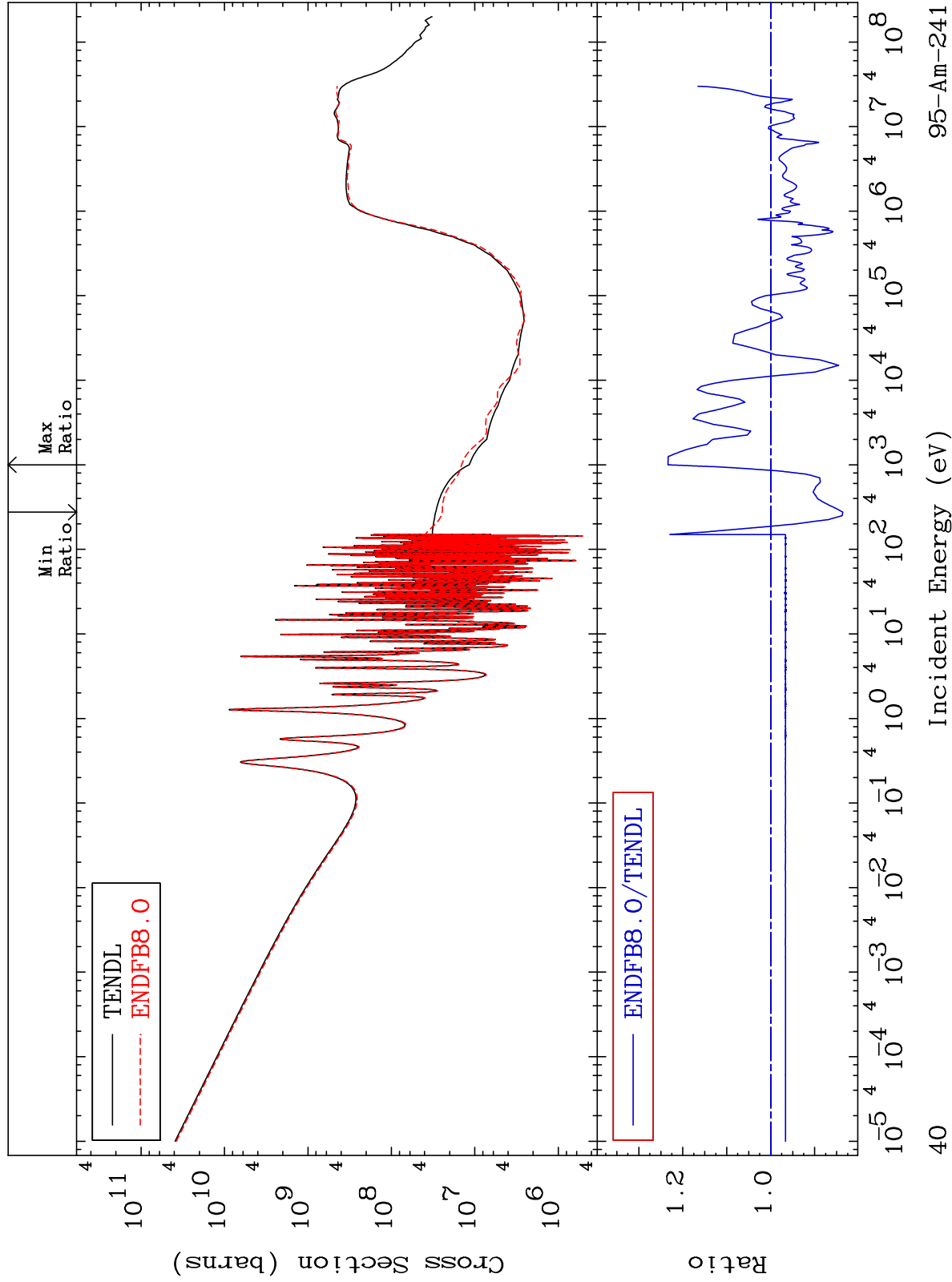
95-Am-241

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MAT 9543

Kerma total (eV-barns)
Cross Section

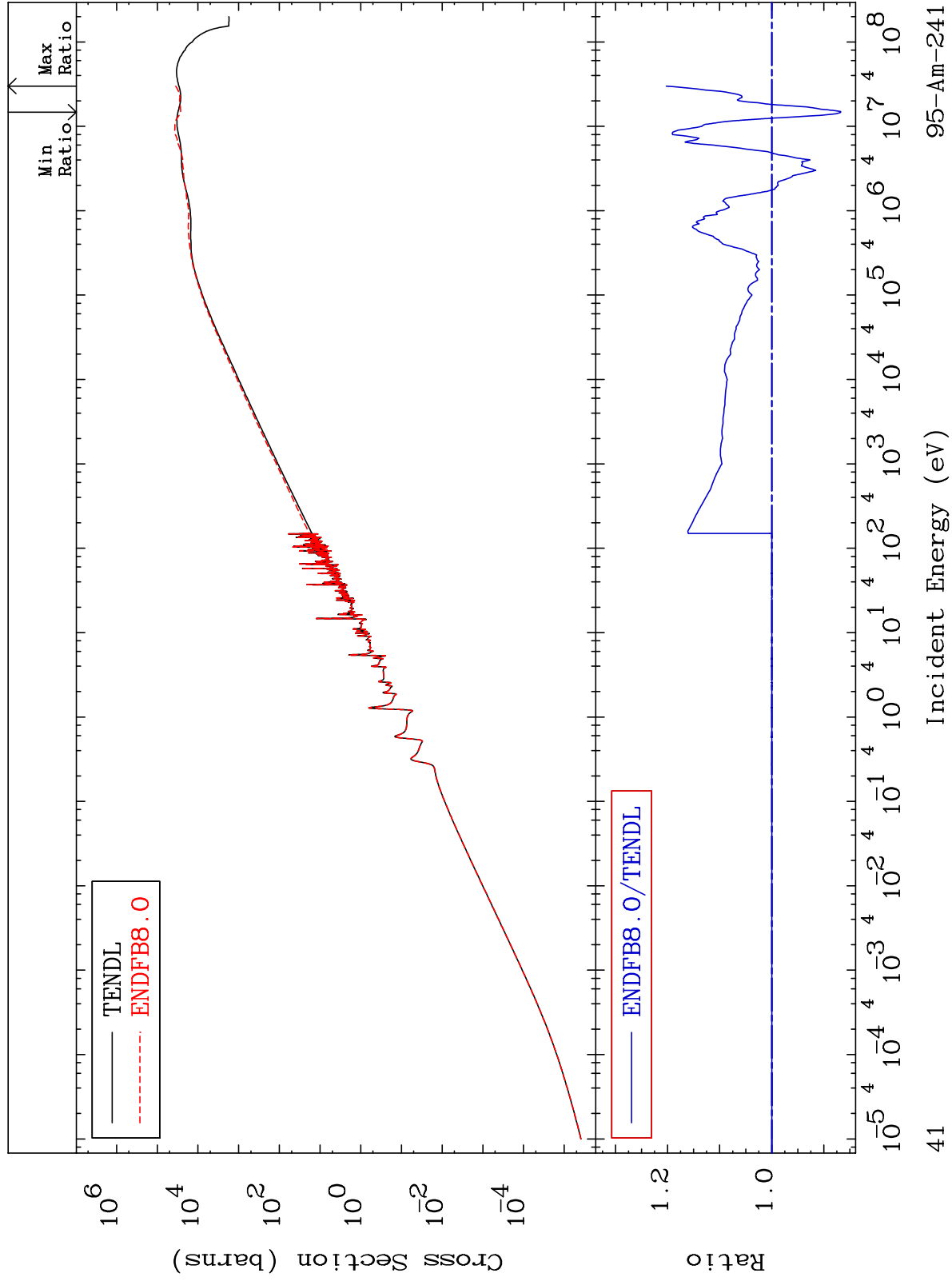
95-Am-241
-16.41 To 23.36 %



MAT 9543

Kerma elastic
Cross Section

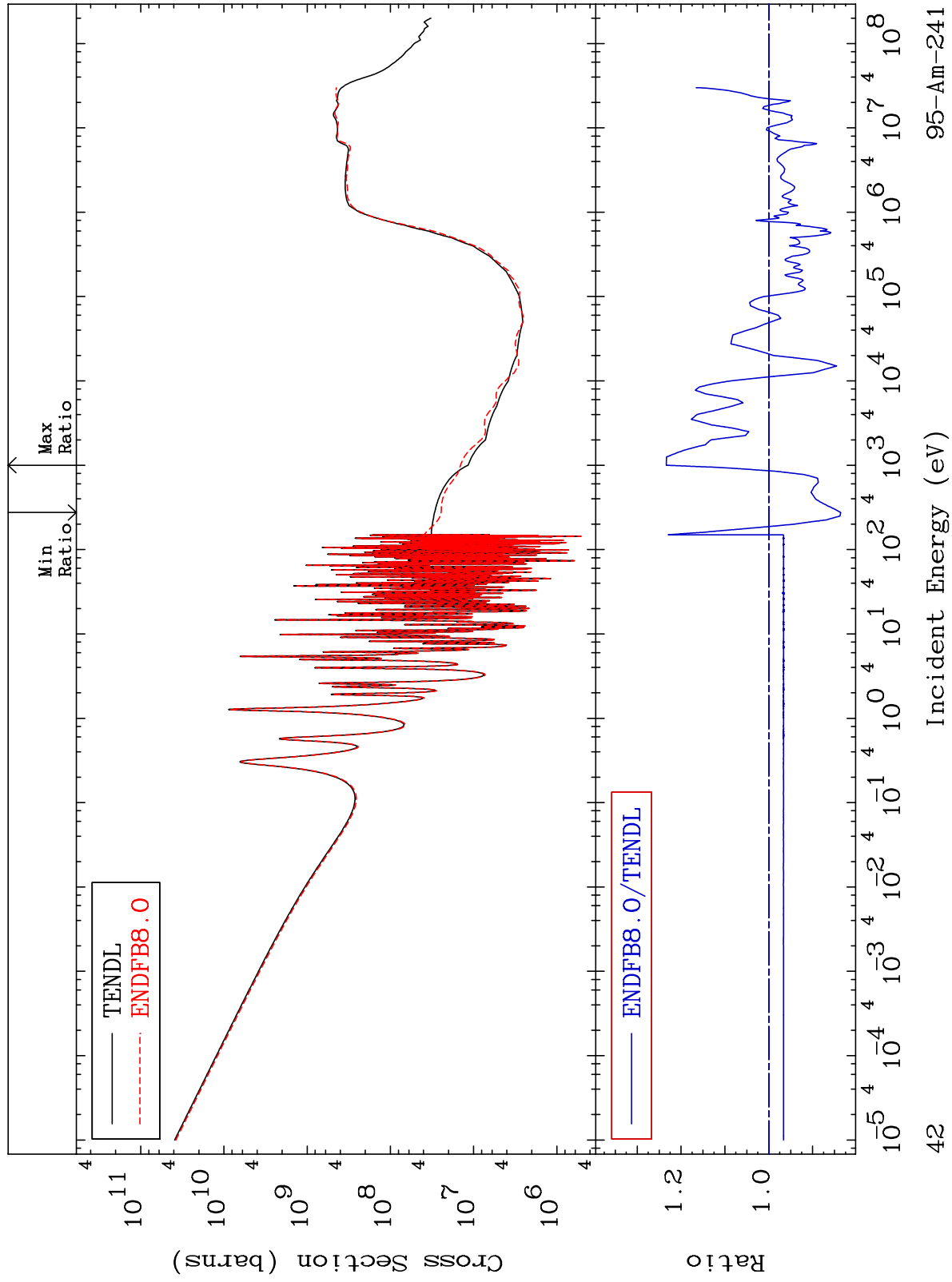
95-Am-241
-13.24 To 20.24 %



MAT 9543

Kerma non-elastic (all but mt2)
Cross Section

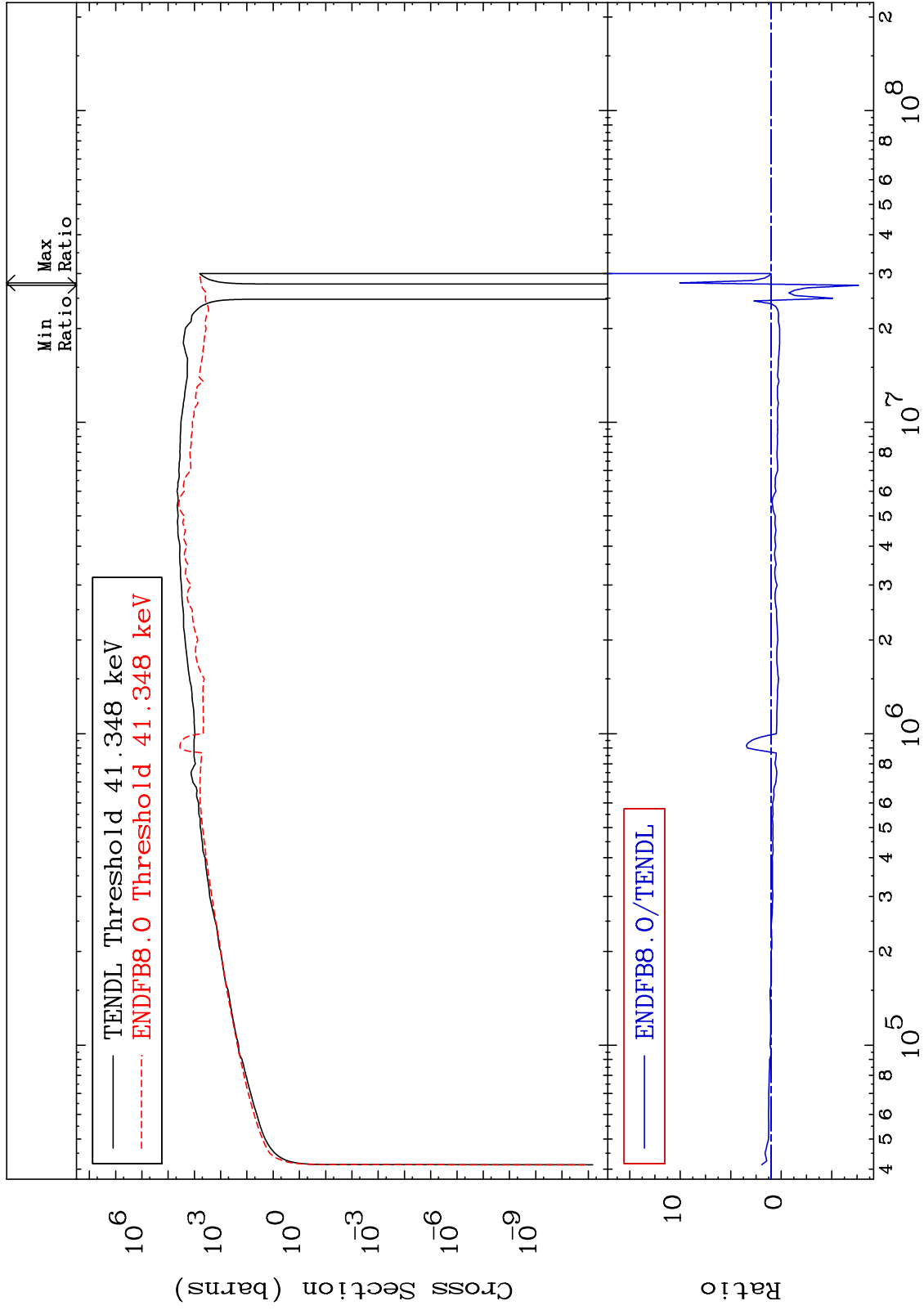
95-Am-241
-16.41 To 23.36 %



MAT 9543

Kerma inelastic (mt51-91)
Cross Section

95-Am-241
-863.5 To 901.9 %



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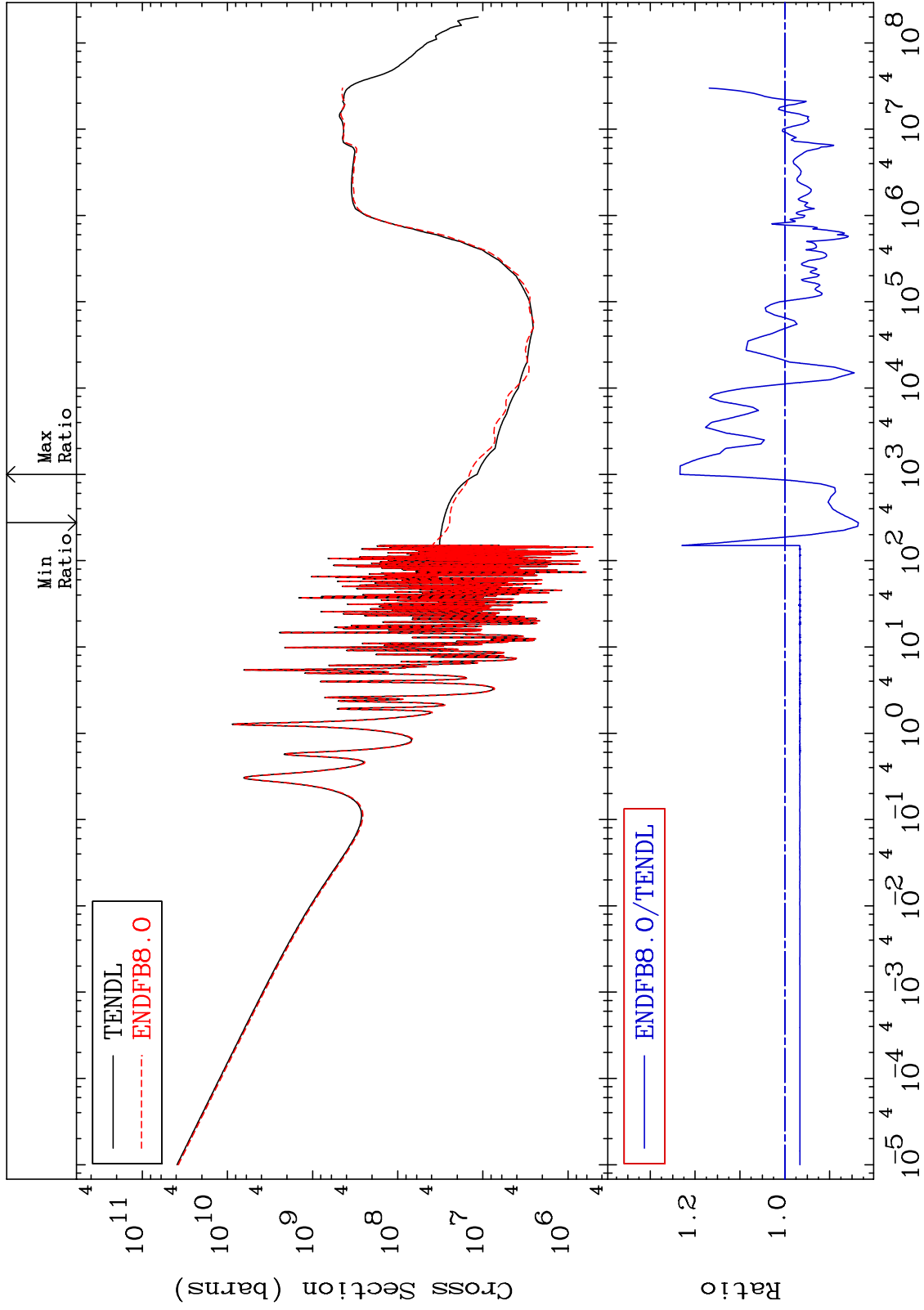
Incident Energy (eV)

95-Am-241

MAT 9543

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

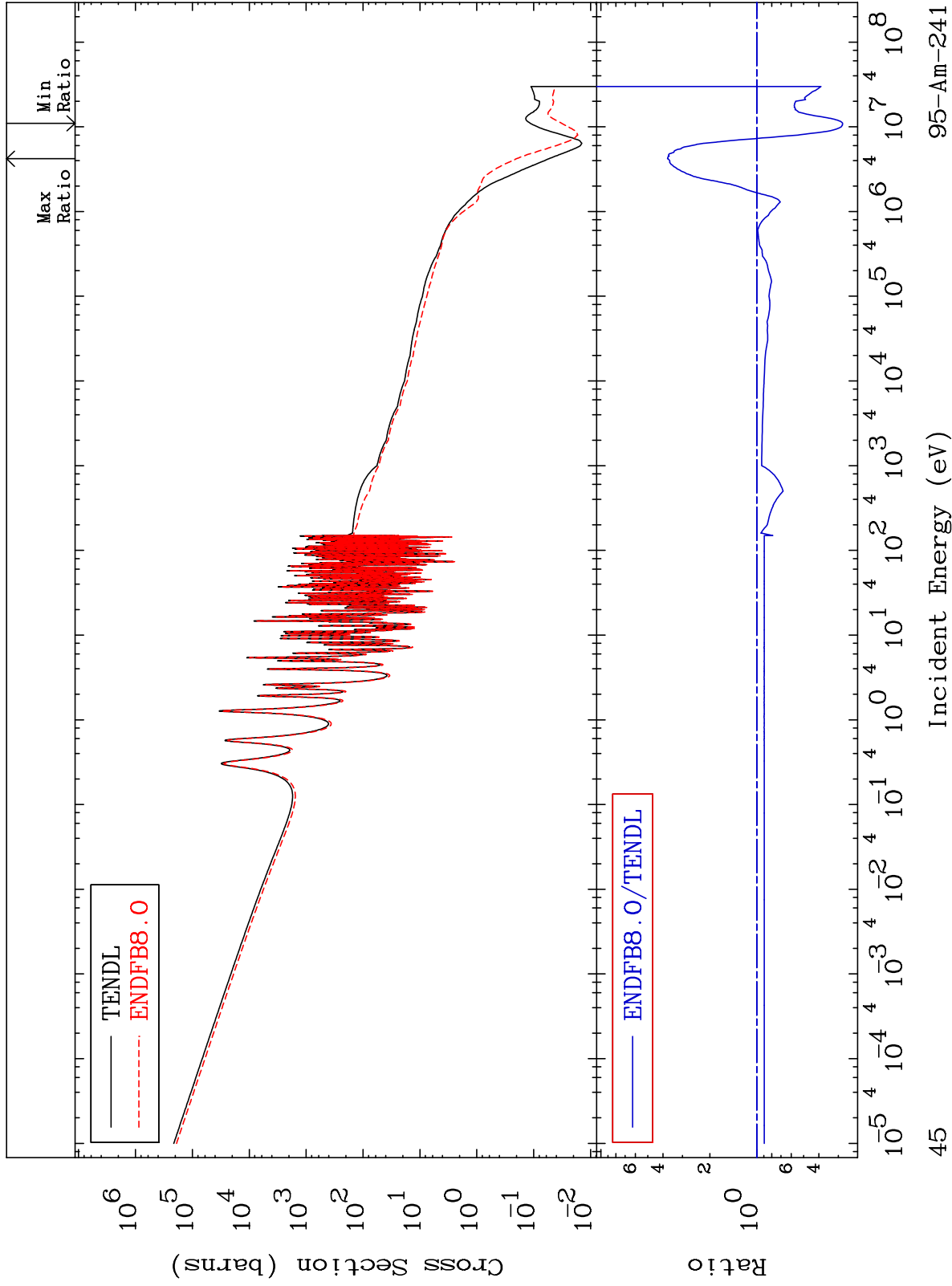
95-Am-241
-16.41 To 23.36 %



MAT 9543

Kerma capture (mt102)
Cross Section

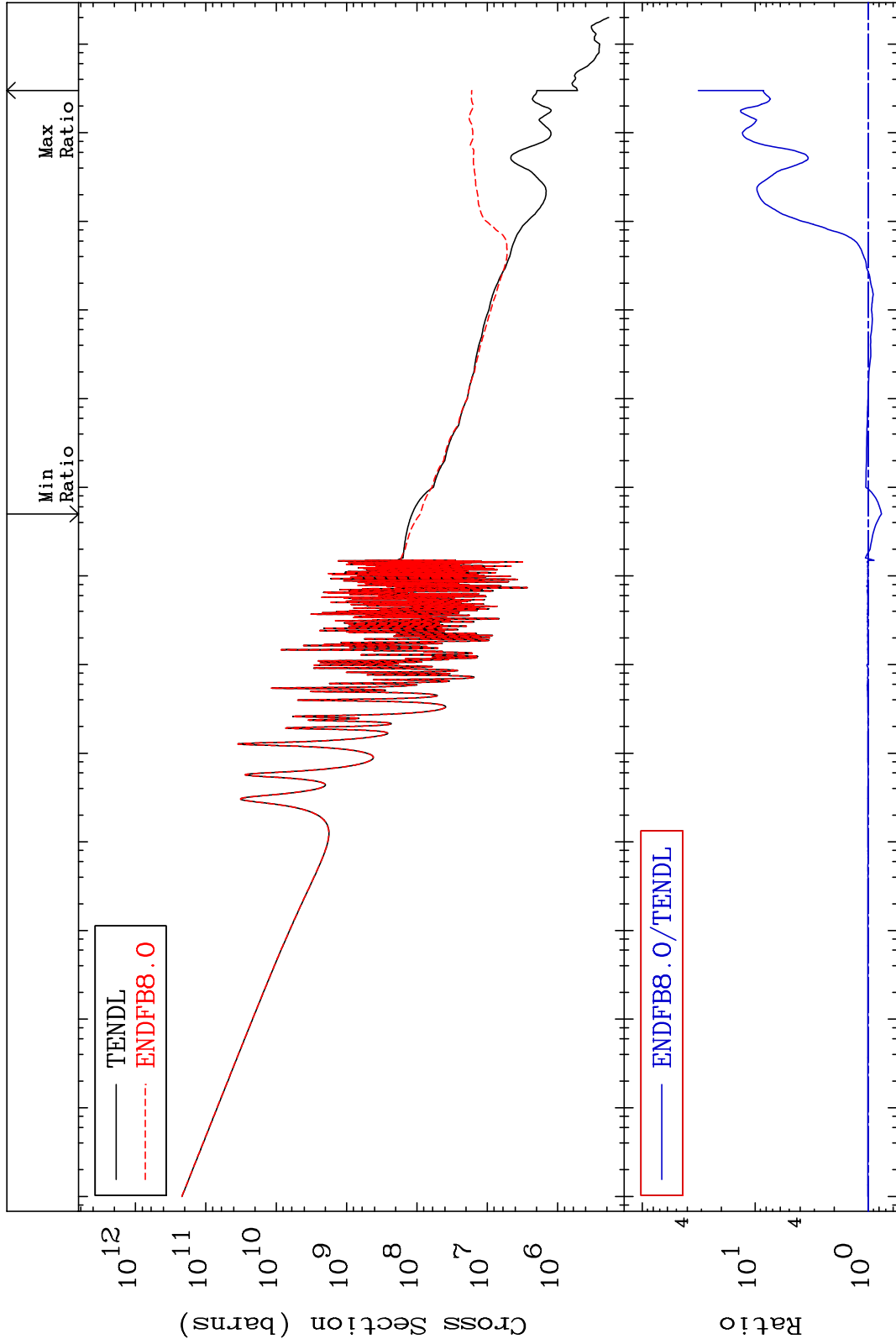
95-Am-241
-71.89 To 273.5 %



MAT 9543

Total photon (eV-barns)
Cross Section

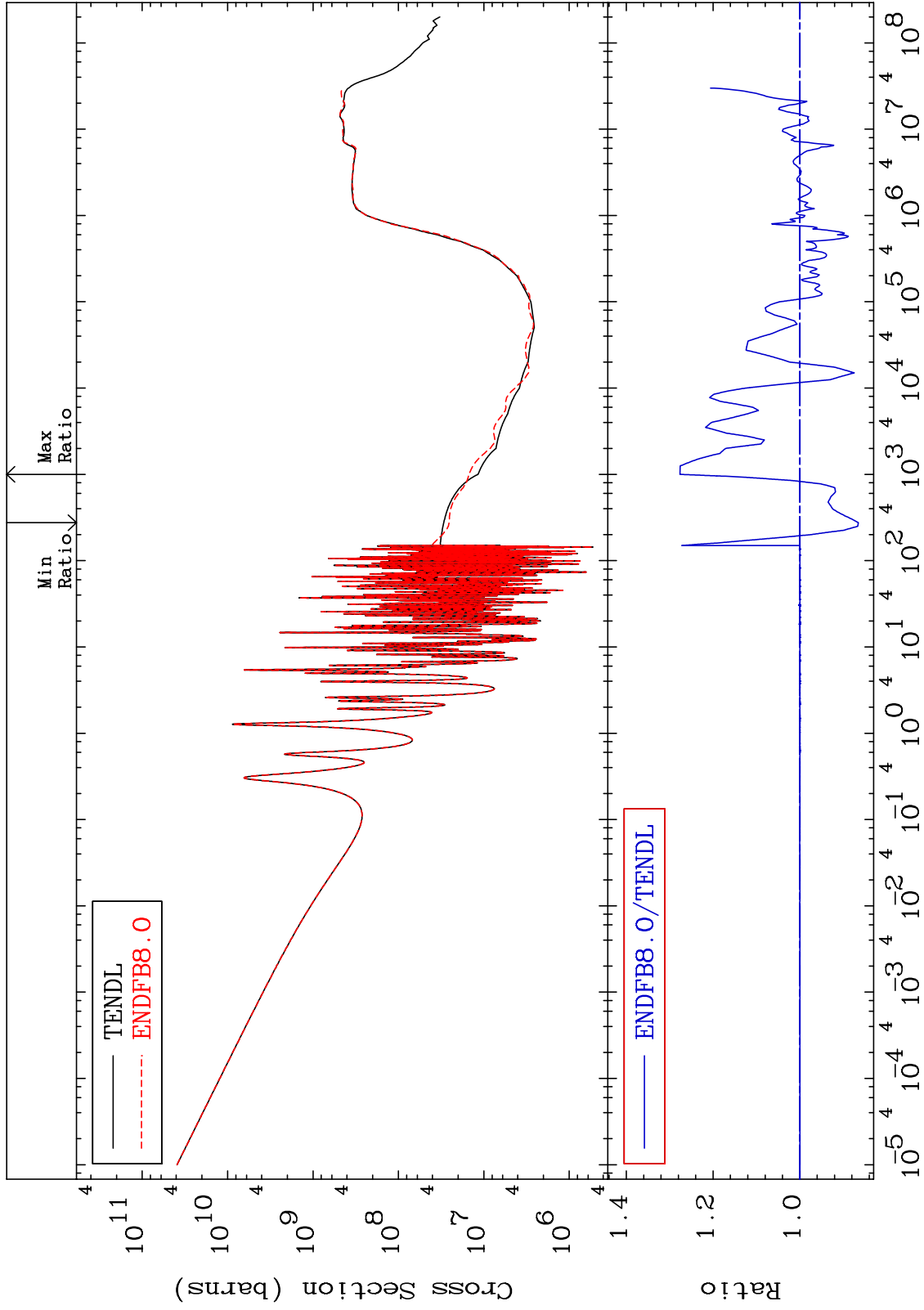
95-Am-241
-23.85 To 3091. %



MAT 9543

Total kinematic kerma (high limit)
Cross Section

95-Am-241
-13.52 To 27.63 %



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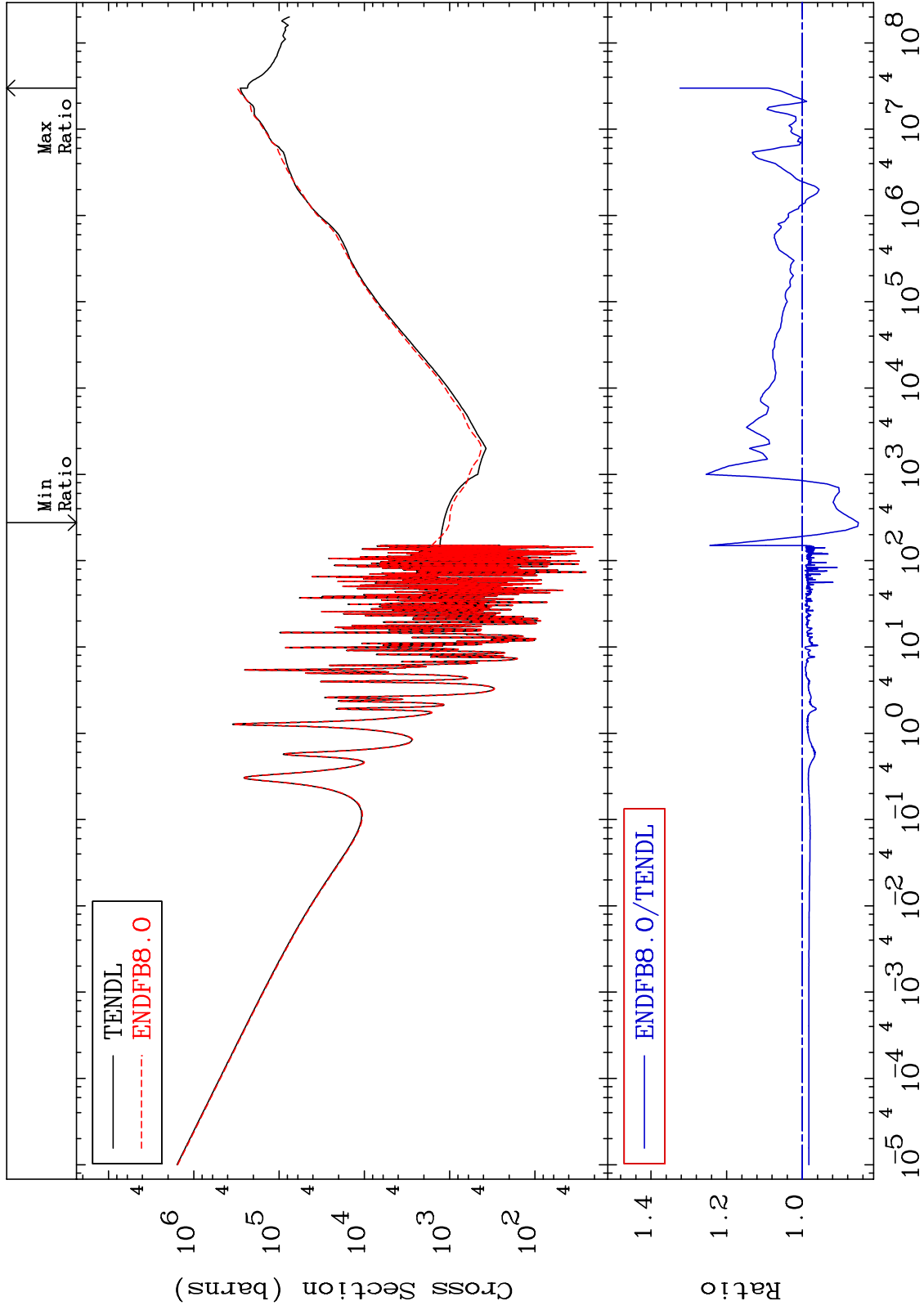
Incident Energy (eV)

95-Am-241

MAT 9543

Dpa total (eV-barns)
Cross Section

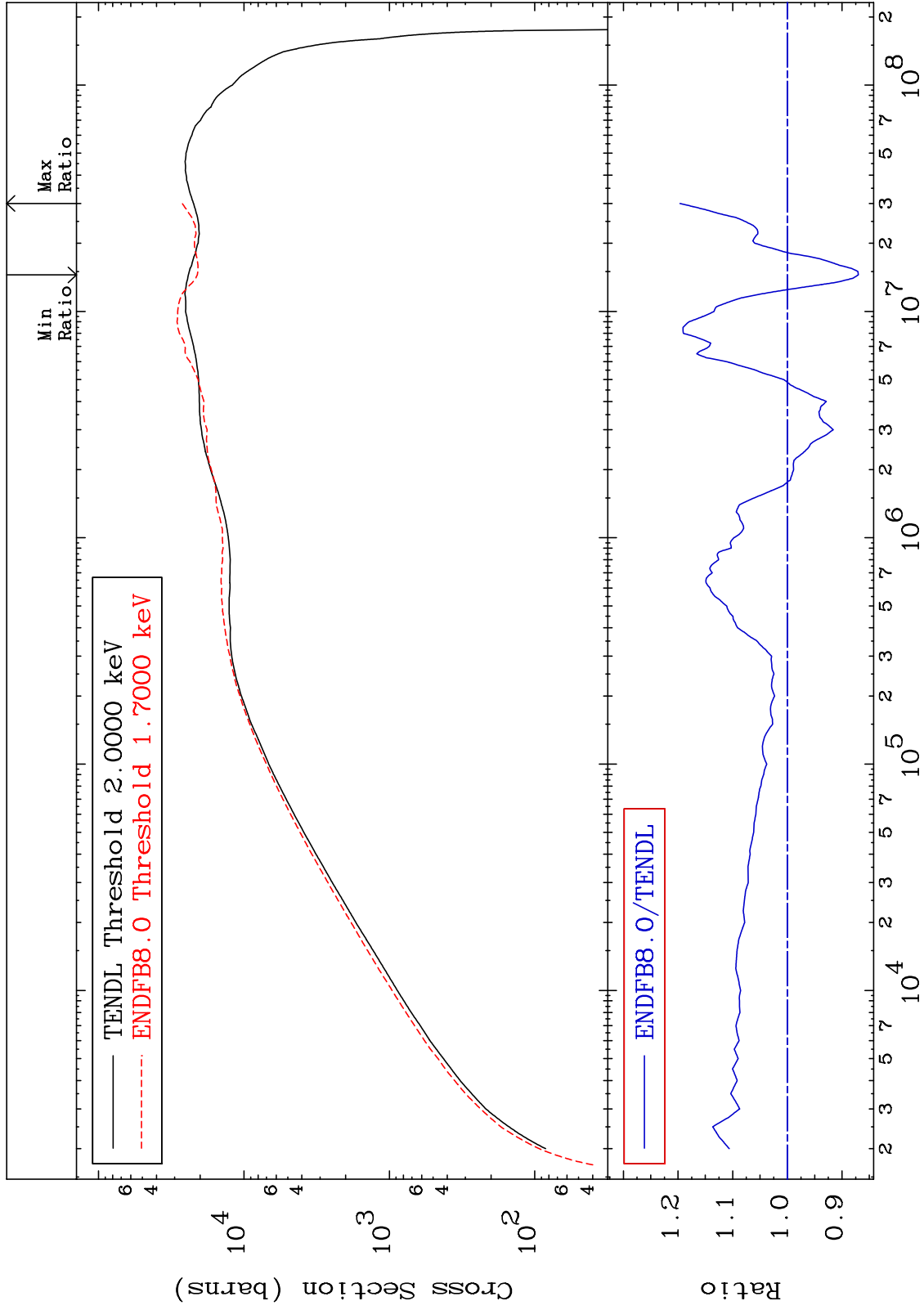
95-Am-241
-14.81 To 32.32 %



MAT 9543

Dpa elastic (mt2)
Cross Section

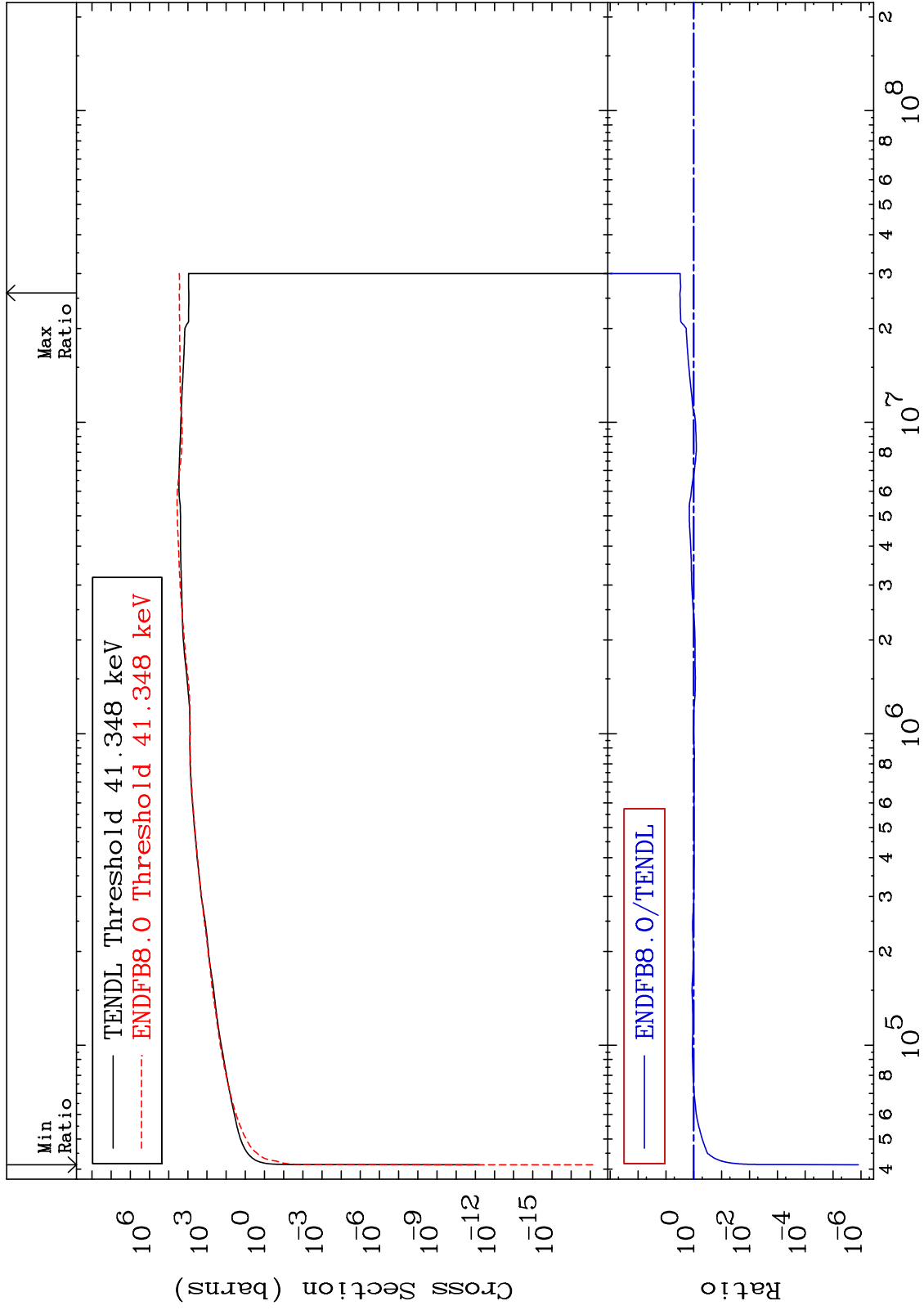
95-Am-241
-13.00 To 19.64 %



MAT 9543

Dpa inelastic (mt51-91)
Cross Section

95-Am-241
-100.0 To 211.0 %



MAT 9543

Dpa disappearance (mt102 -120)
Cross Section

95-Am-241
-100.0 To 140.1 %

