

Program Complot
(Version 2018-1)

by

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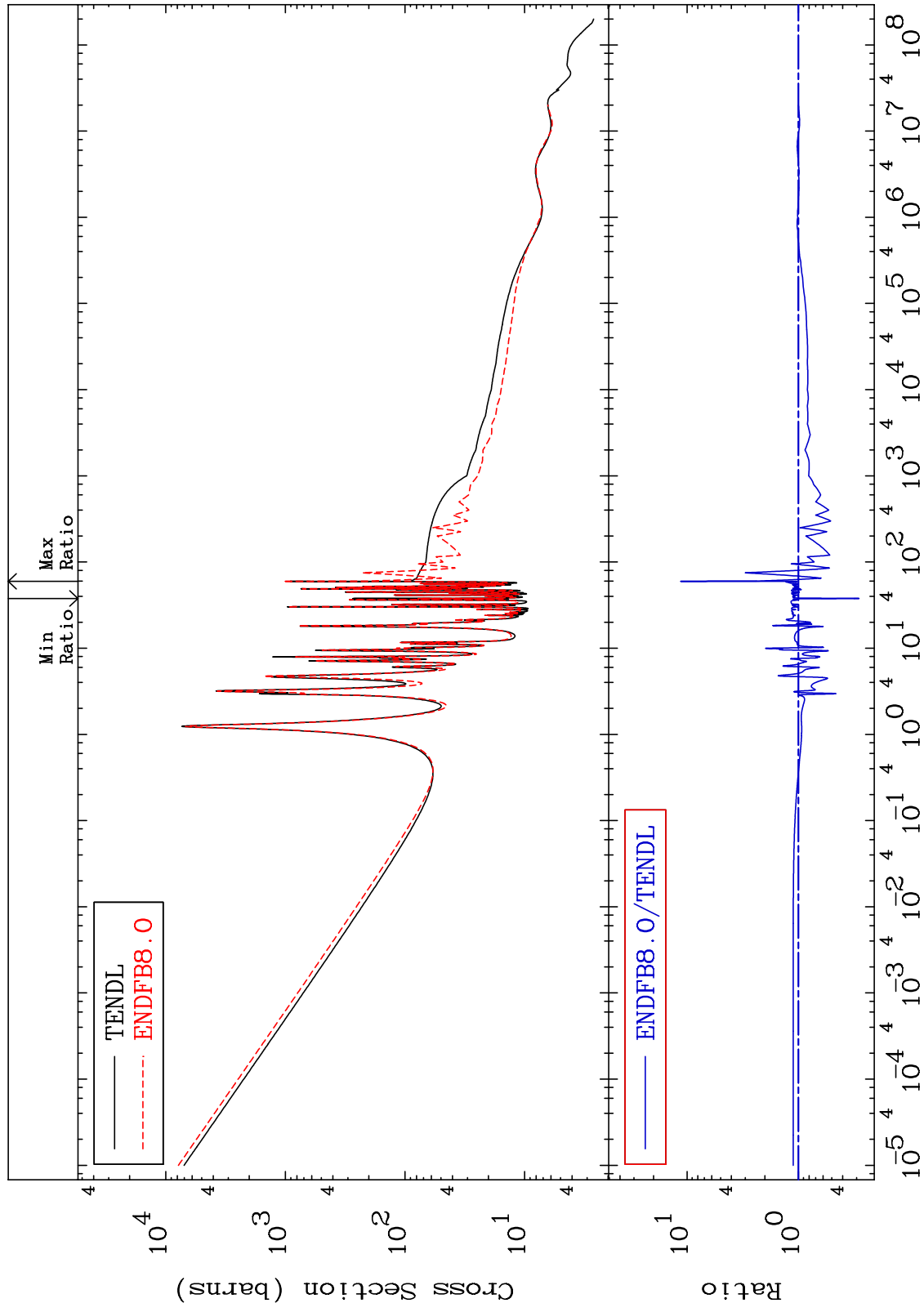
U.S.A.

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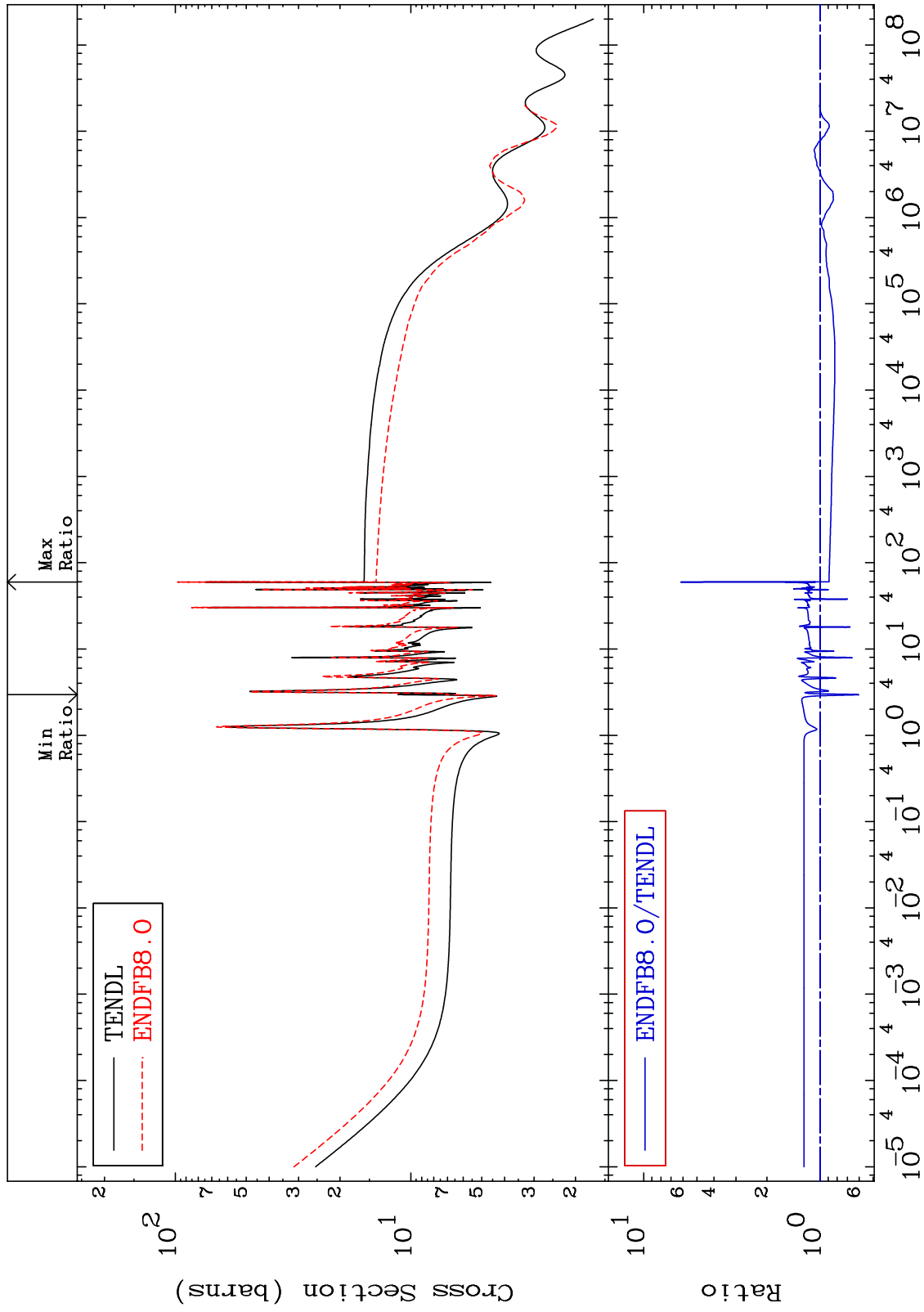
Press Mouse Button to Start

MAT 9646 96-Cm-247 -71.51 To 1037. % Total Cross Section



1 Incident Energy (eV) 96-Cm-247

MAT 9646 Elastic Cross Section 96-Cm-247 -39.83 To 517.8 %

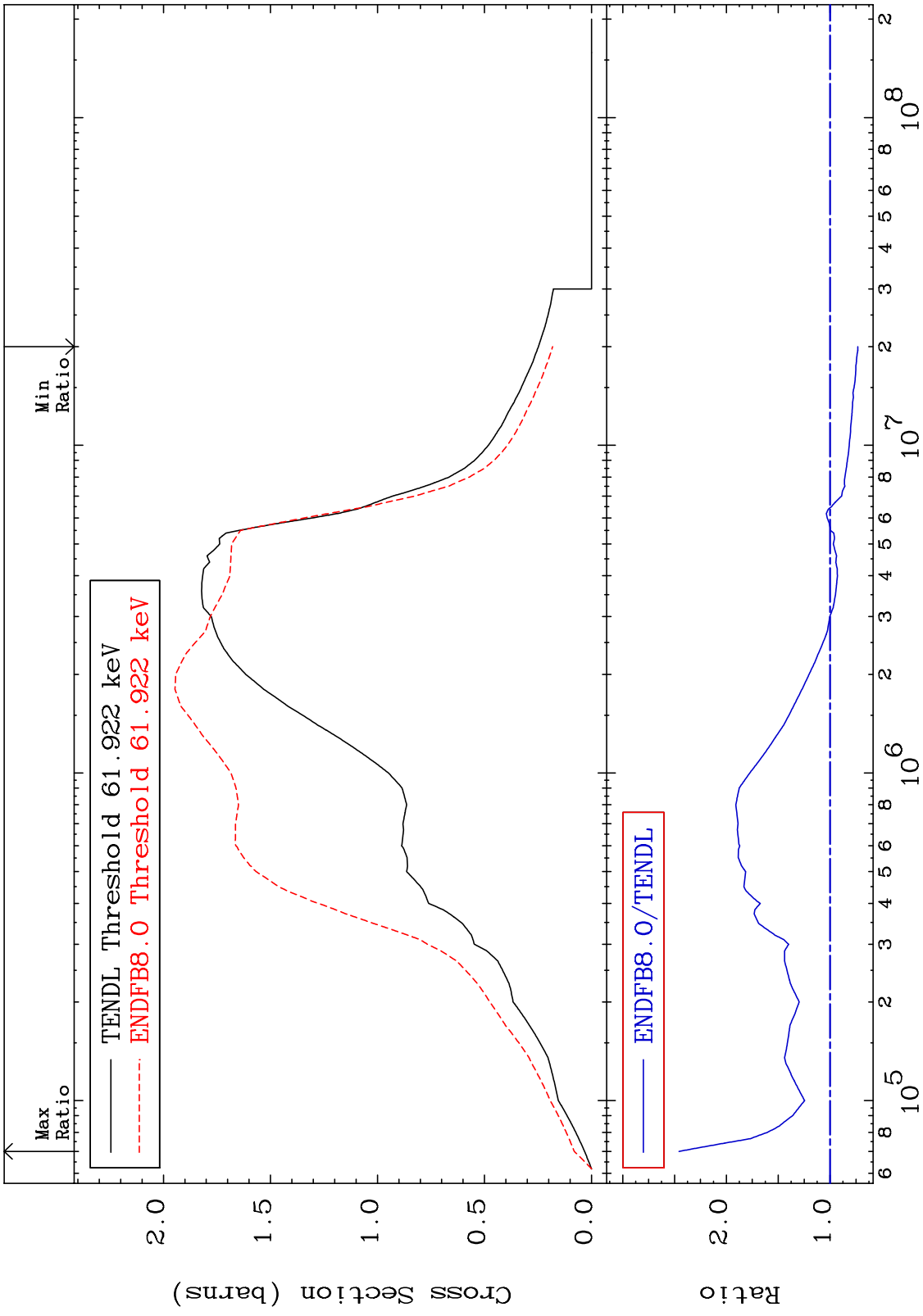


96-Cm-247

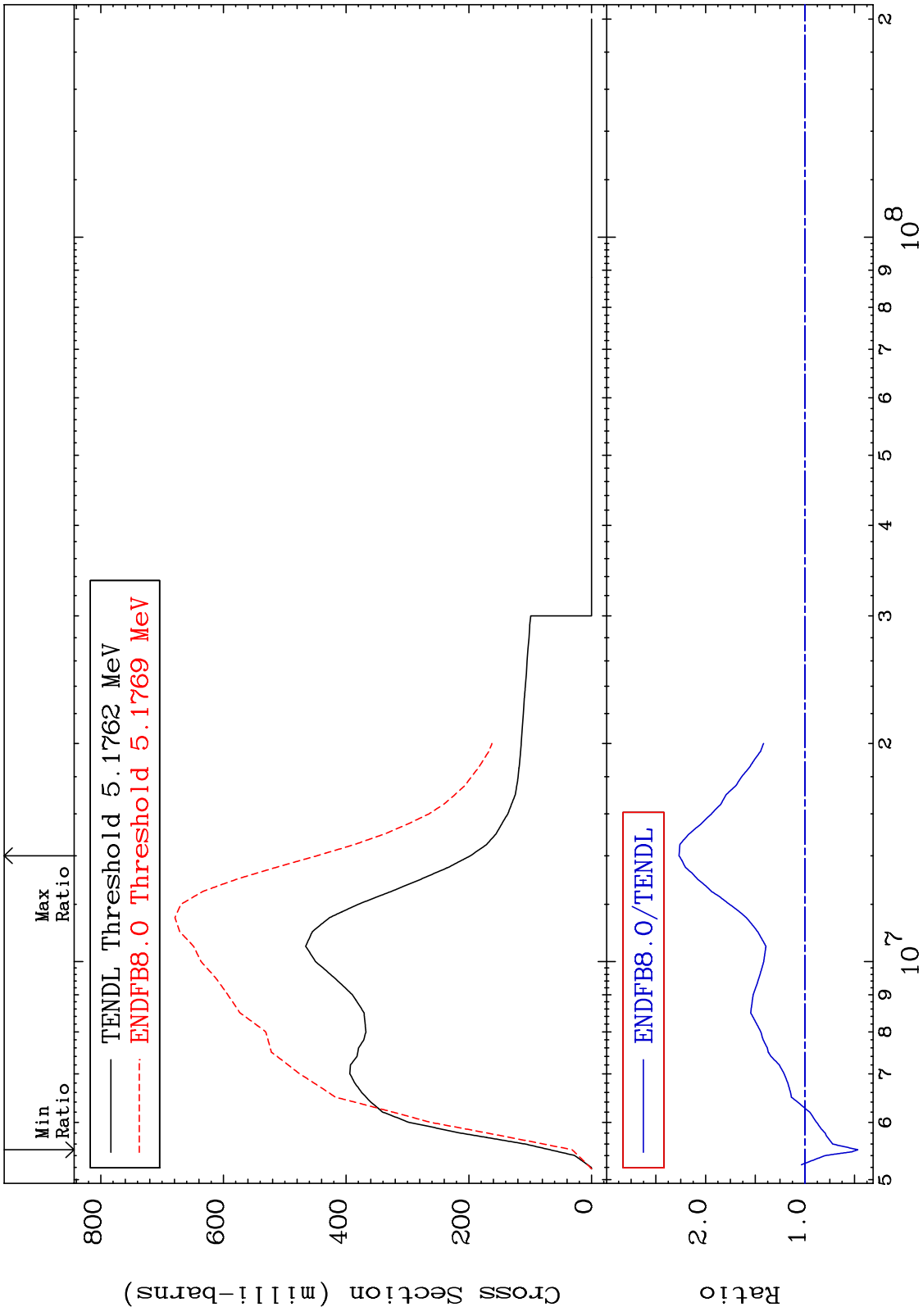
Incident Energy (eV)

2

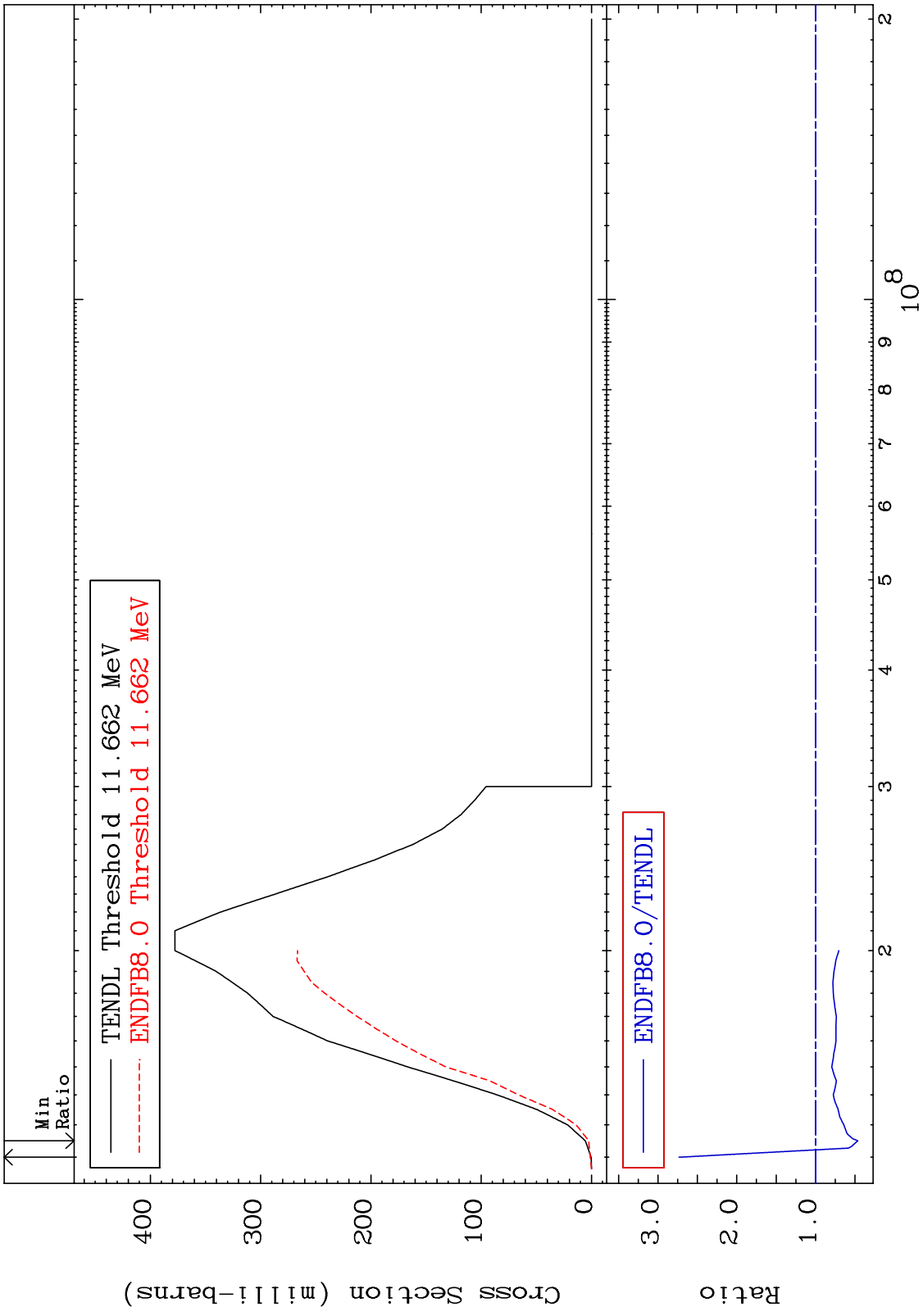
MAT 9646 Inelastic Cross Section 96-Cm-247 -26.78 To 145.7 %



MAT 9646 (n,2n) Cross Section 96-Cm-247 -53.30 To 126.7 %



MAT 9646 (n,3n) Cross Section 96-Cm-247 -53.70 To 173.3 %



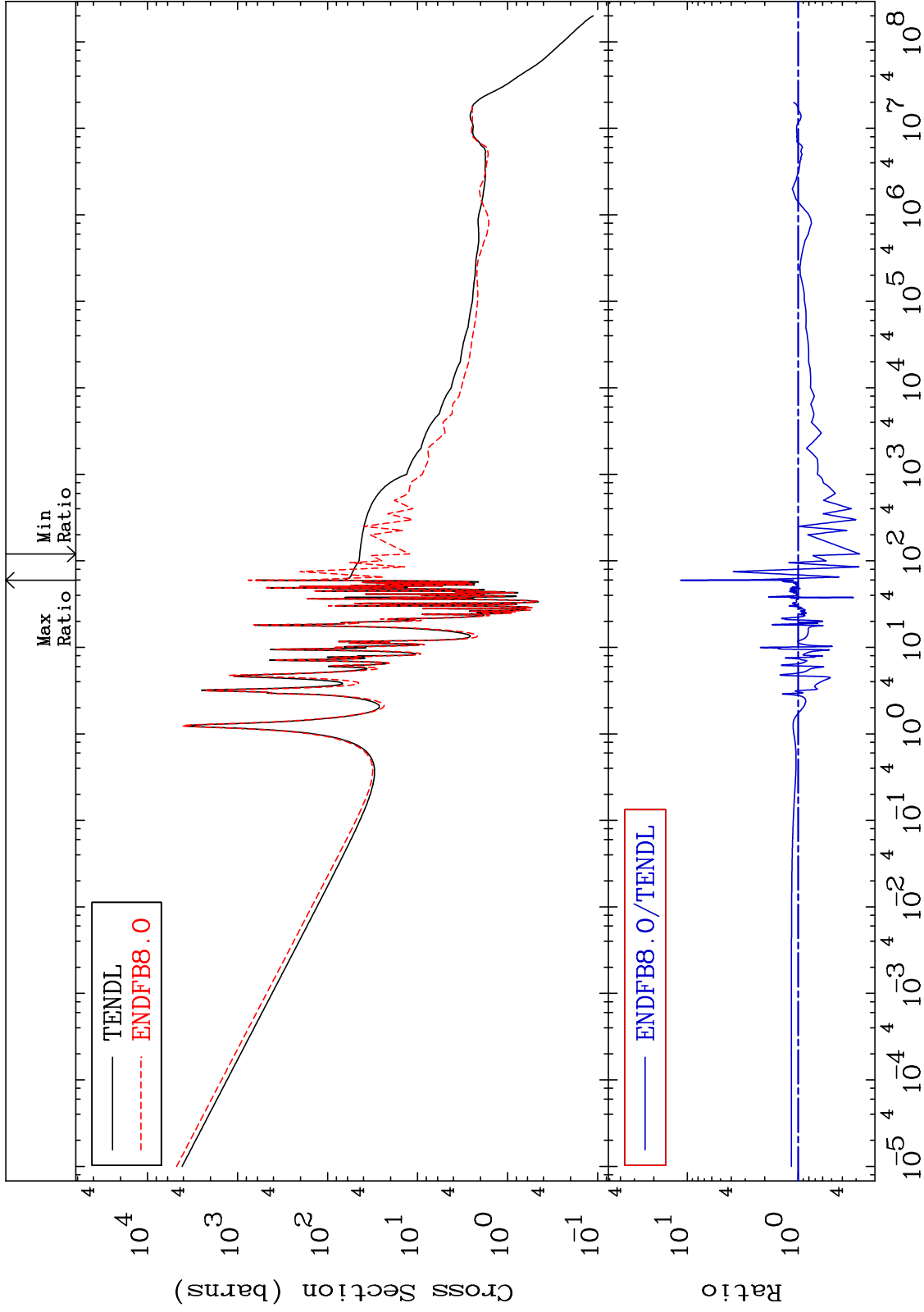
MAT 9646

Fission

96-Cm-247

Cross Section

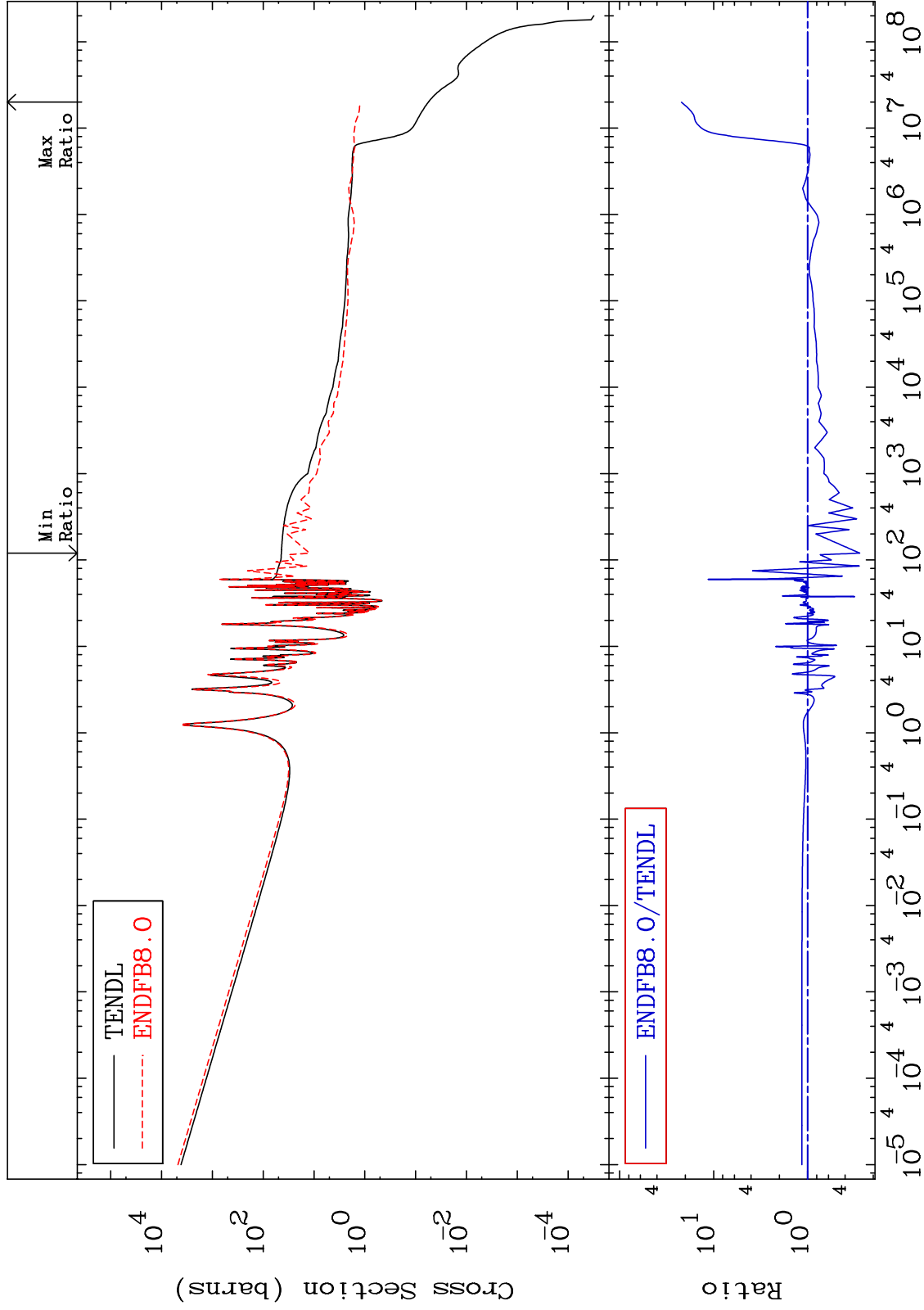
-72.11 To 1042. %



MAT 9646

(n,f) First Chance
Cross Section

96-Cm-247
-72.11 To 2110. %



7

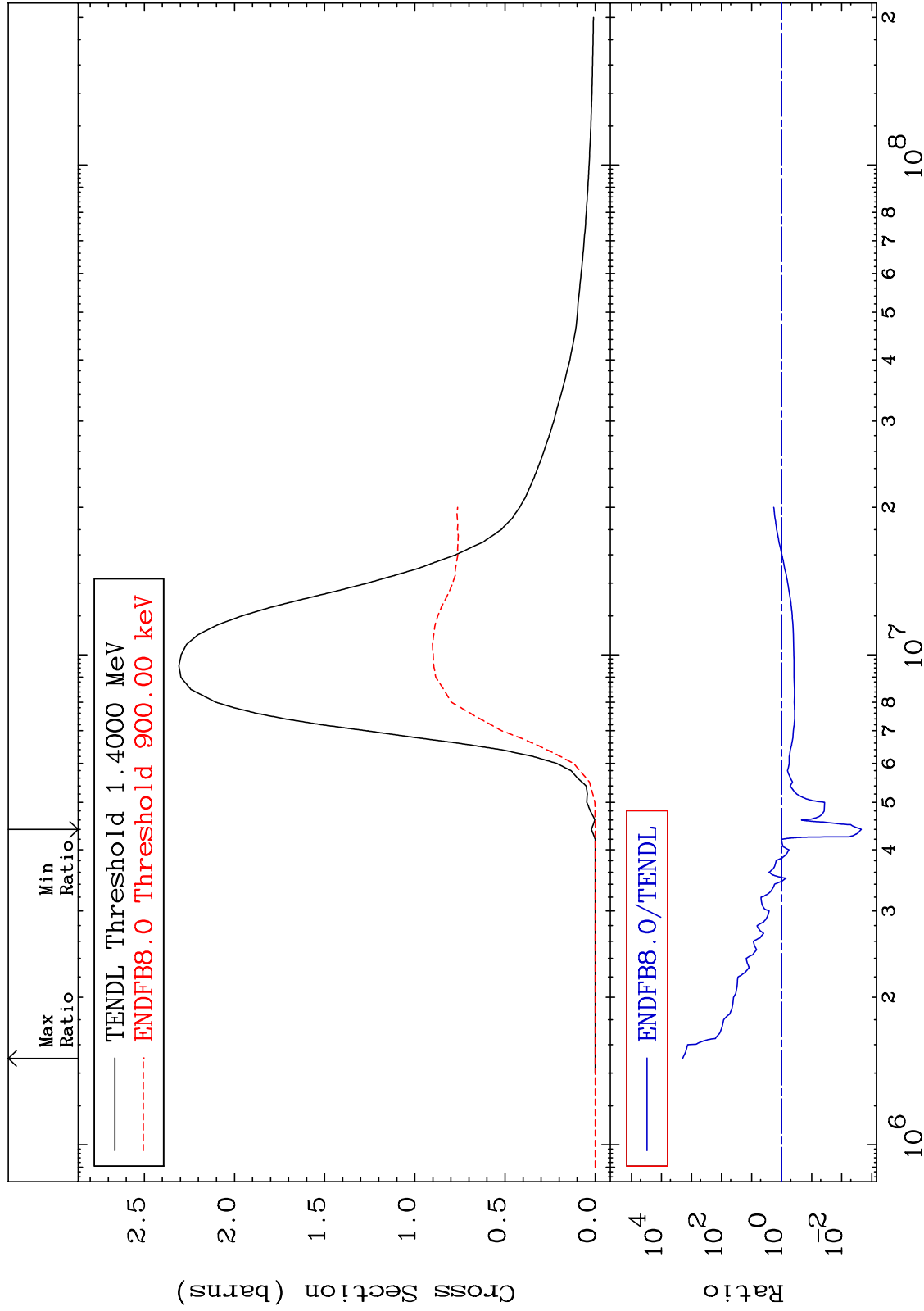
Incident Energy (eV)

96-Cm-247

MAT 9646

(n,nf) Second Chance
Cross Section

96-Cm-247
-99.78 To 9999. %



8

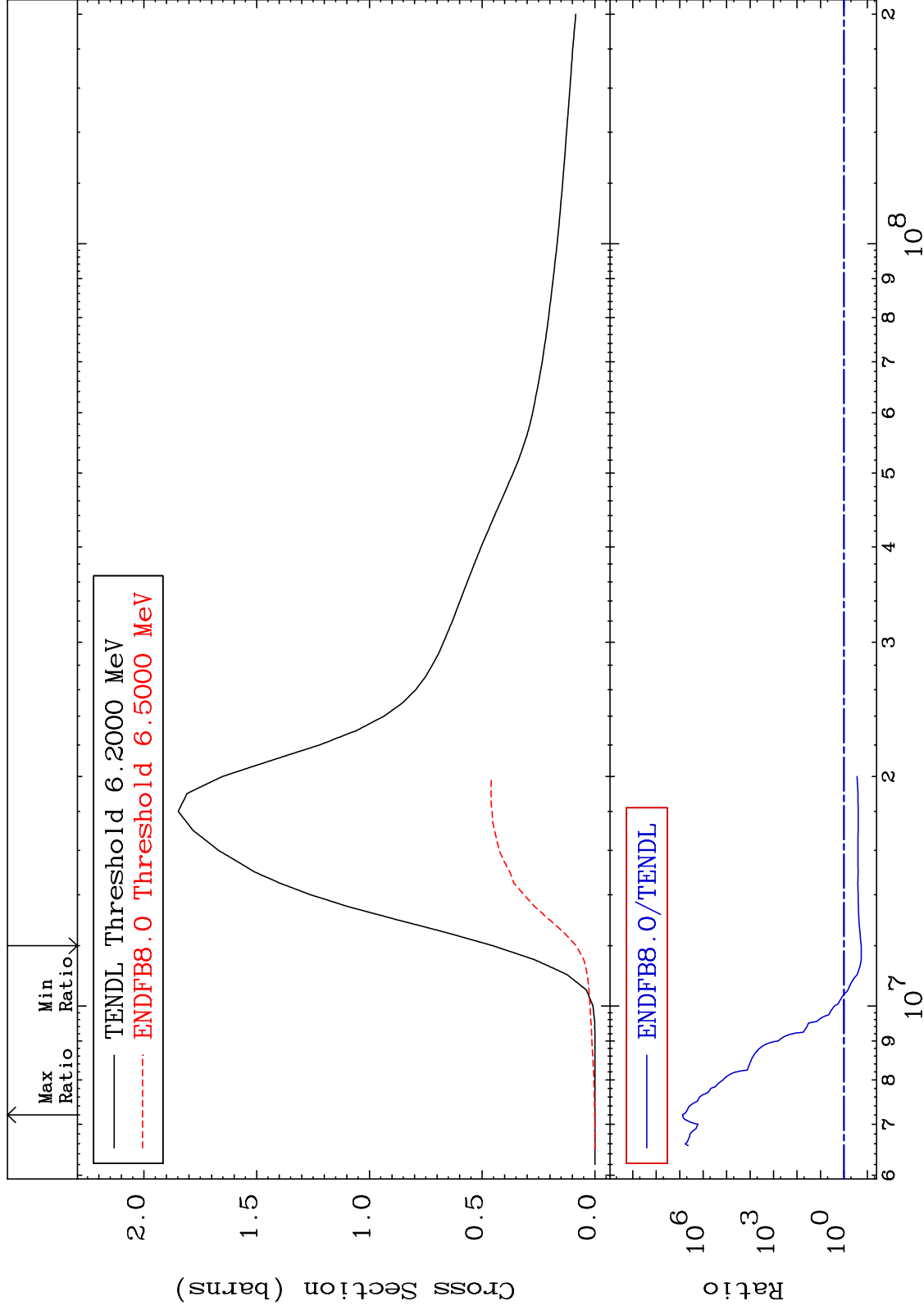
Incident Energy (eV)

96-Cm-247

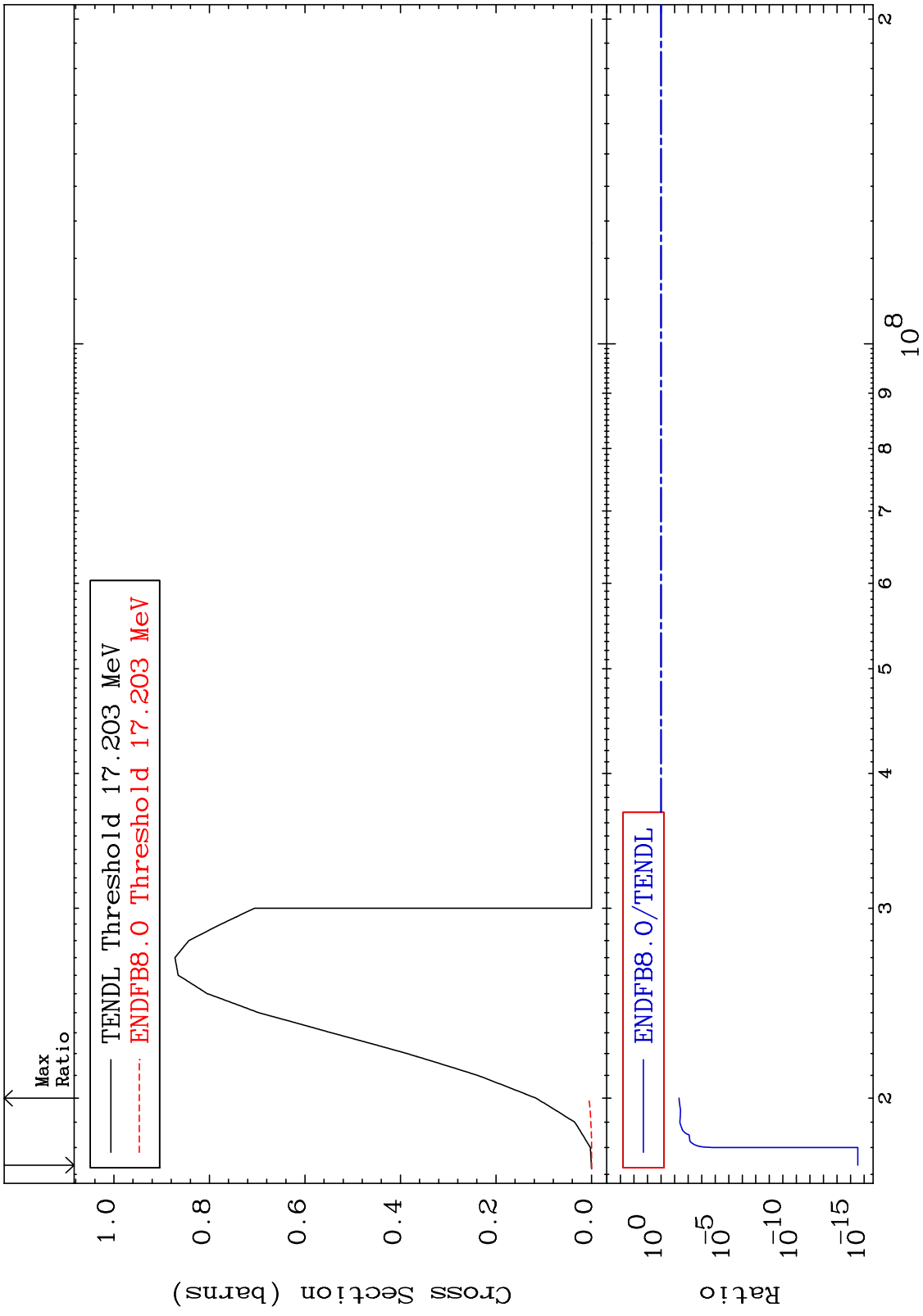
MAT 9646

(n,2nf) Third Chance
Cross Section

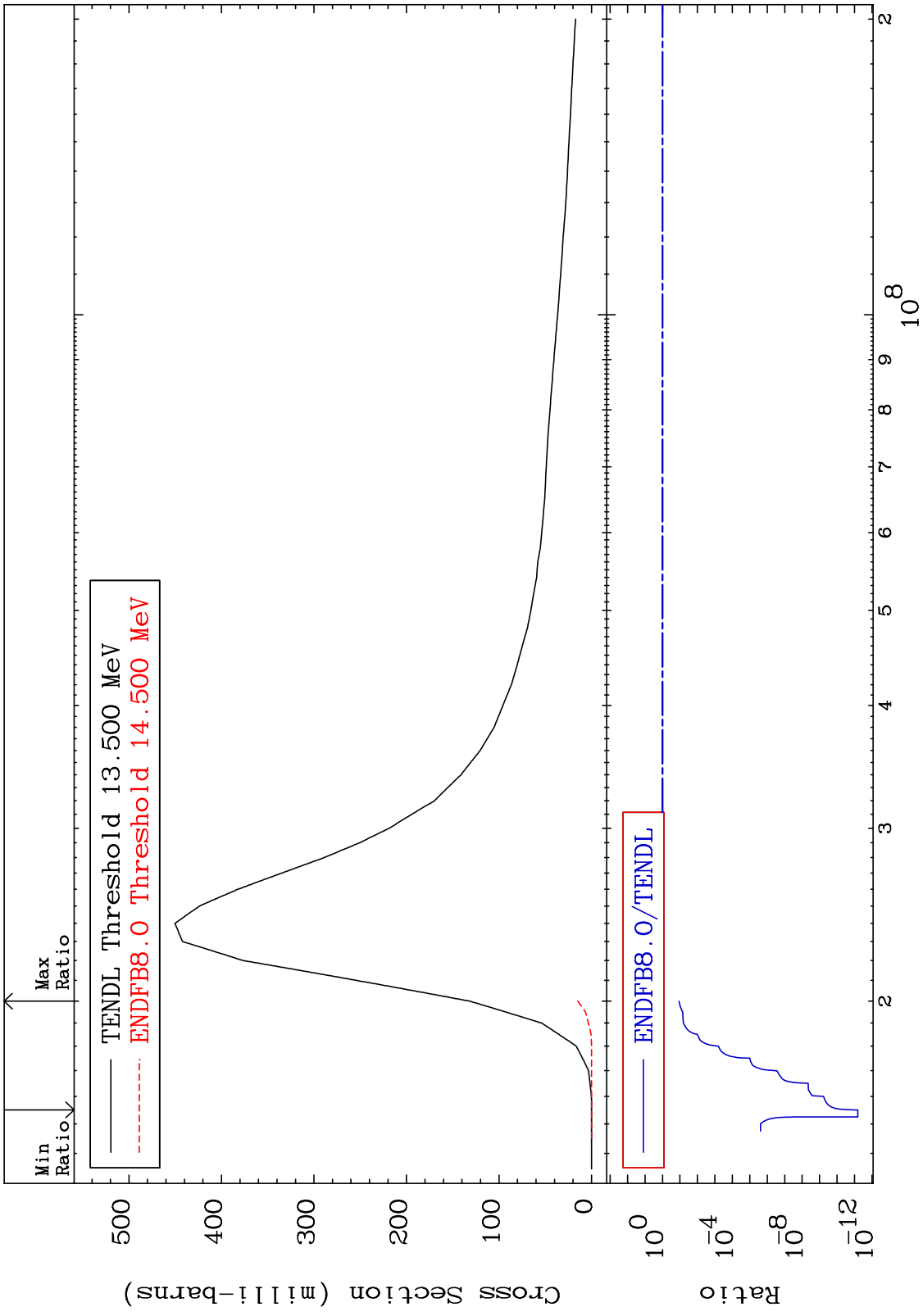
96-Cm-247
-81.70 To 9999. %



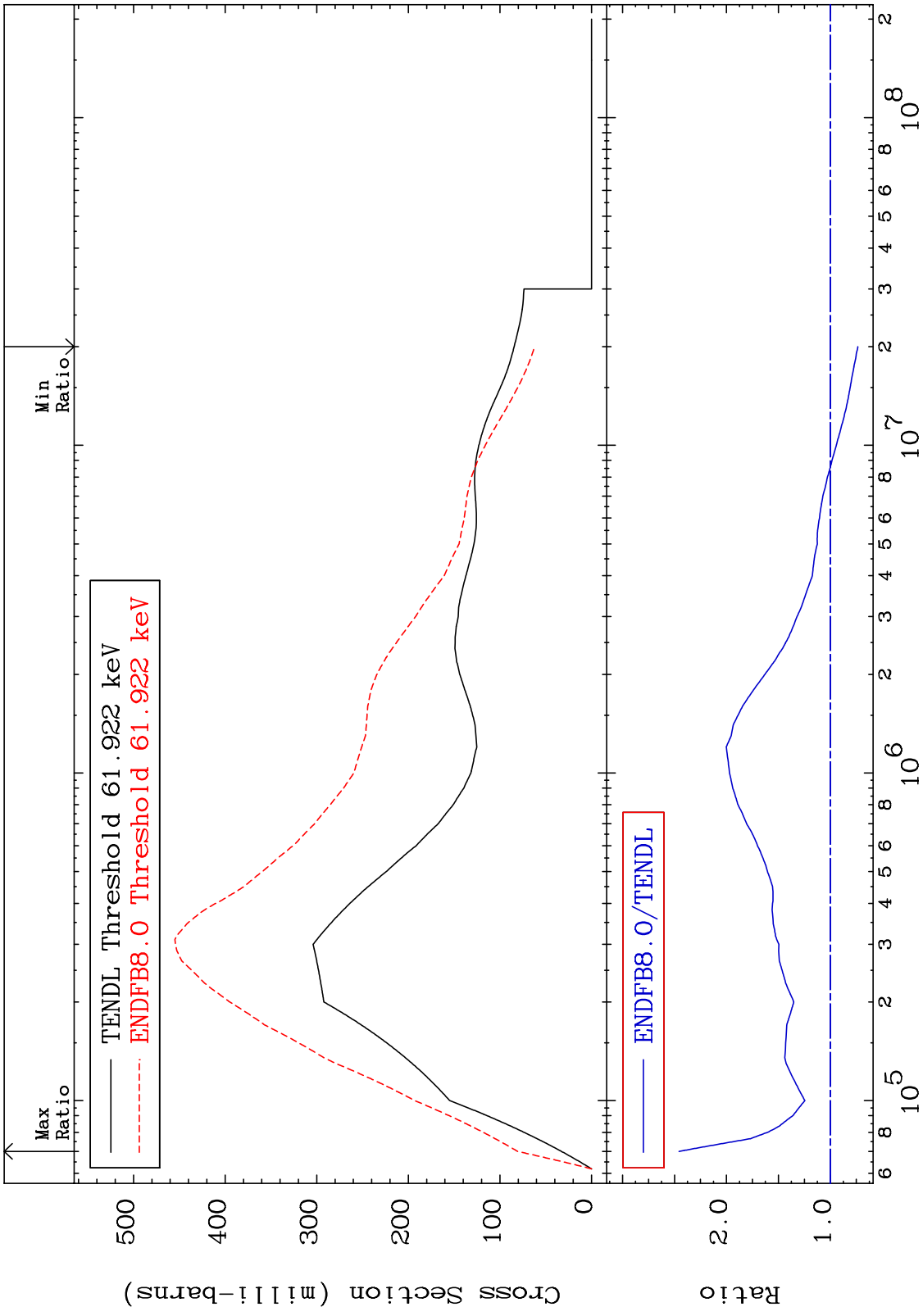
MAT 9646 (n,4n) Cross Section 96-Cm-247 -100.0 To -95.32%



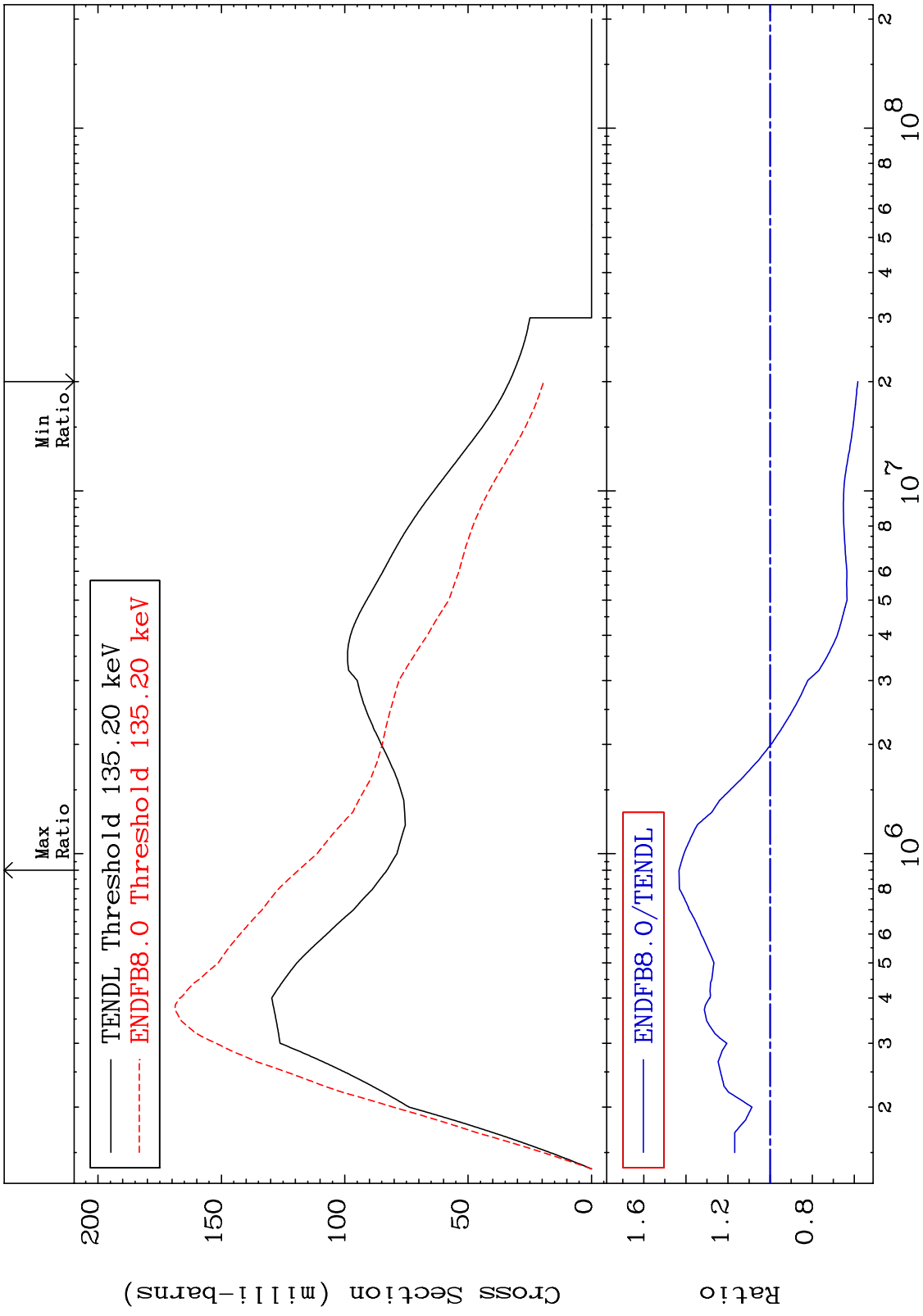
MAT 9646 (n,3nf) Fourth Chance Cross Section 96-Cm-247 -100.0 To -88.73%



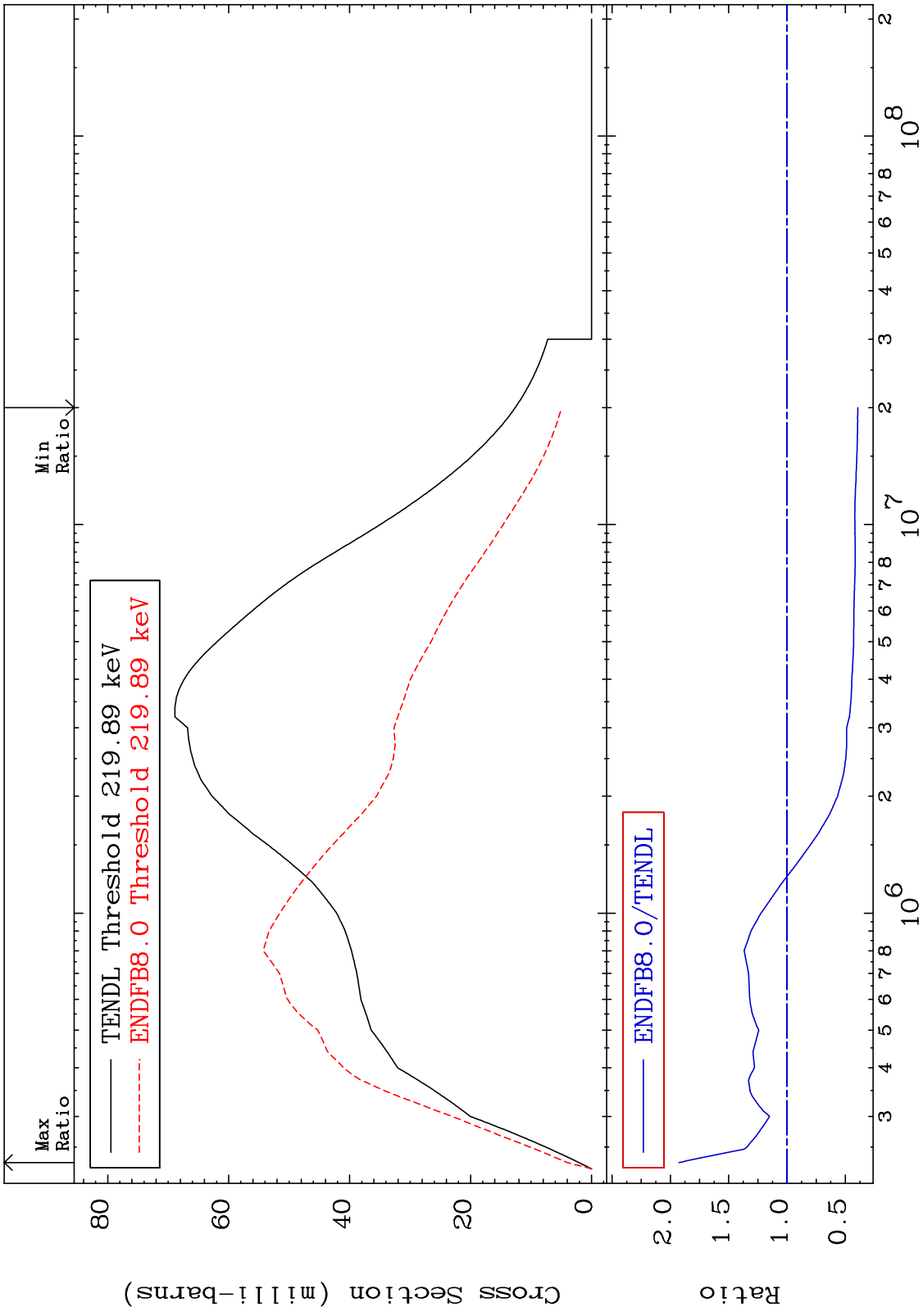
MAT 9646 MT= 51 (n,n') Level 96-Cm-247
 Cross Section -26.48 To 145.7 %



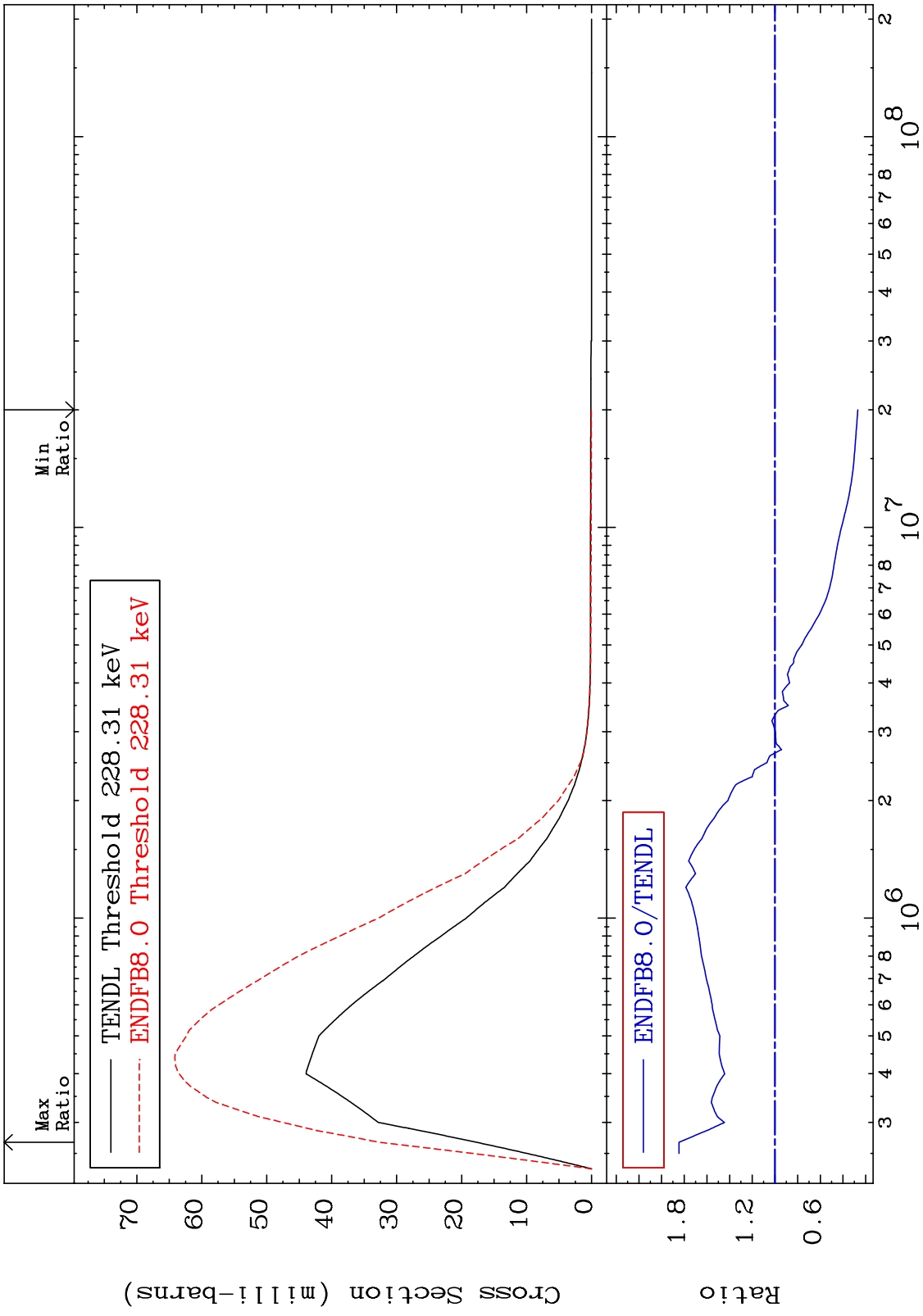
MAT 9646 MT= 52 (n,n') Level Cross Section 96-Cm-247
 -41.67 To 43.26 %



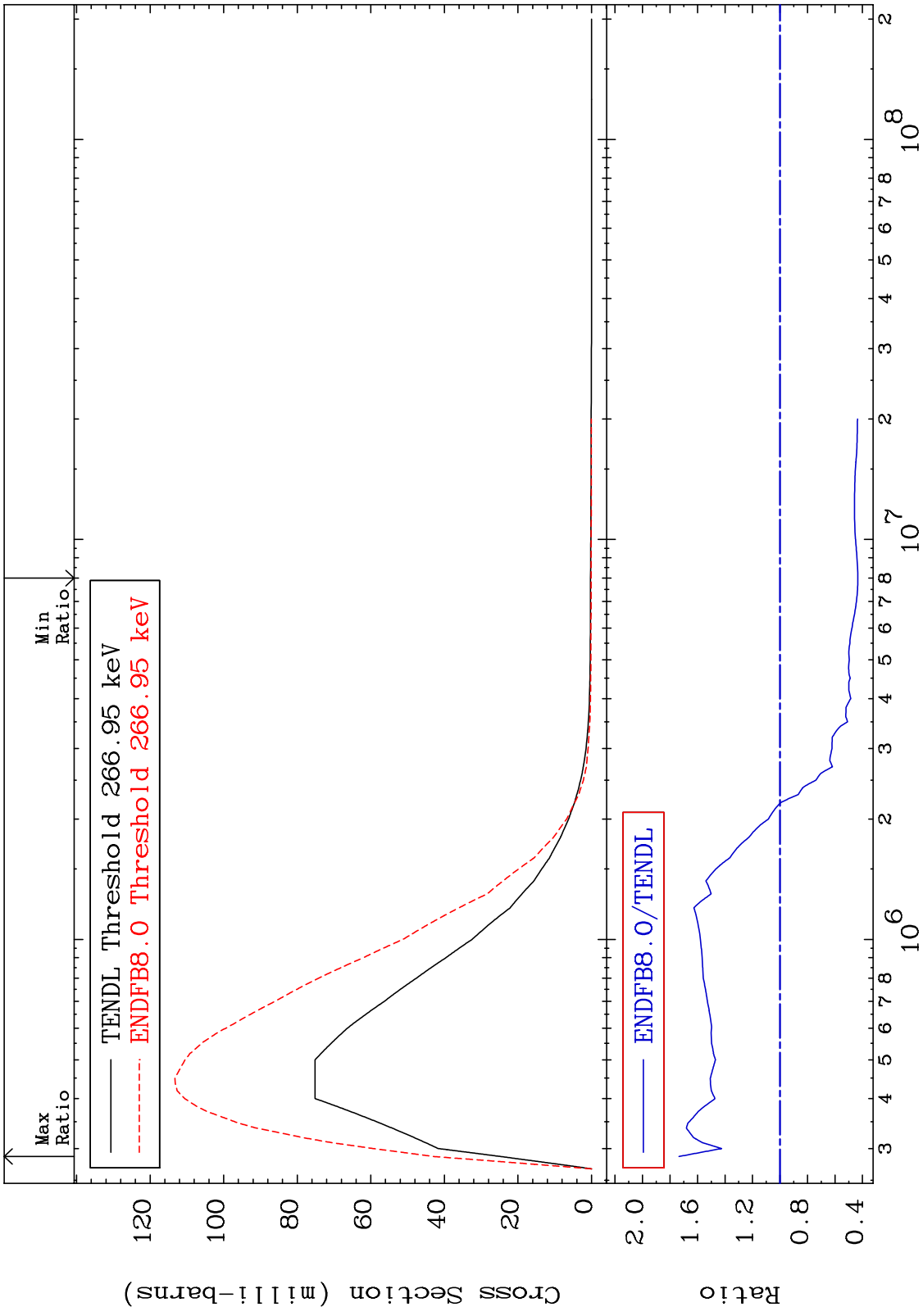
MAT 9646 MT= 53 (n,n') Level Cross Section 96-Cm-247
 -60.70 To 92.57 %



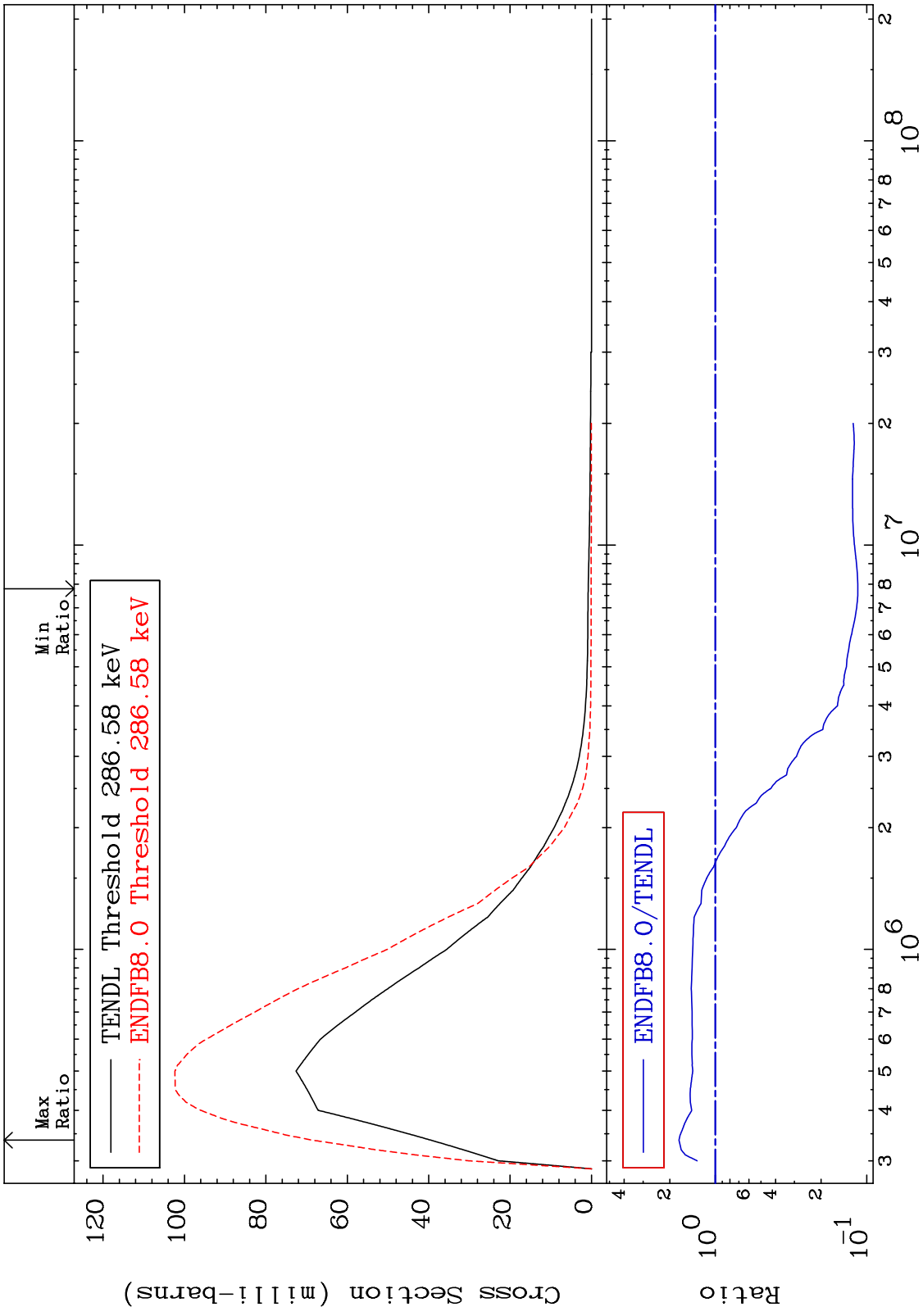
MAT 9646 MT= 54 (n,n') Level Cross Section 96-Cm-247
 -73.11 To 84.59 %



MAT 9646 MT= 55 (n,n') Level Cross Section 96-Cm-247
 -56.62 To 73.43 %



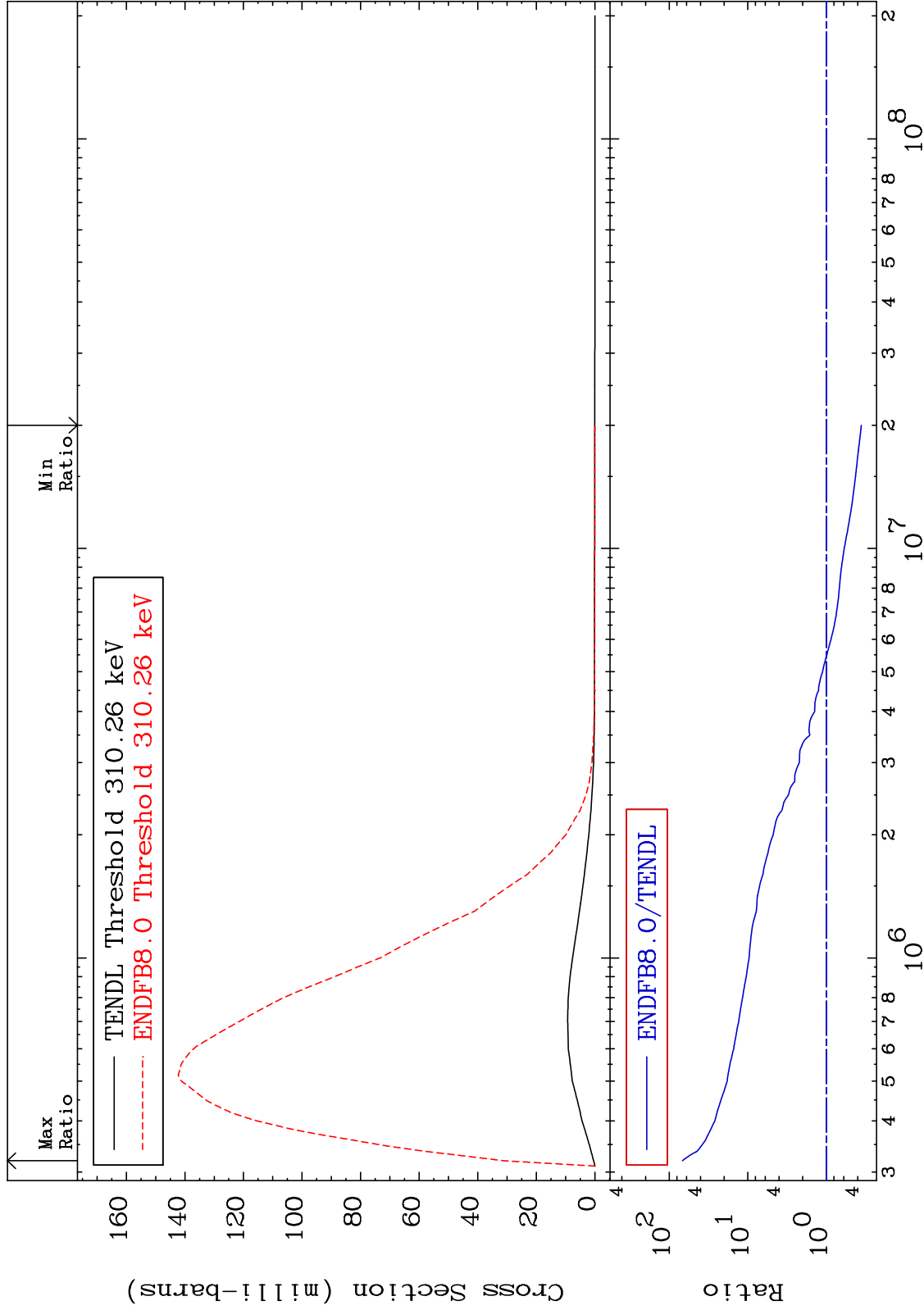
MAT 9646 MT= 56 (n,n') Level 96-Cm-247
 Cross Section -88.55 To 73.63 %



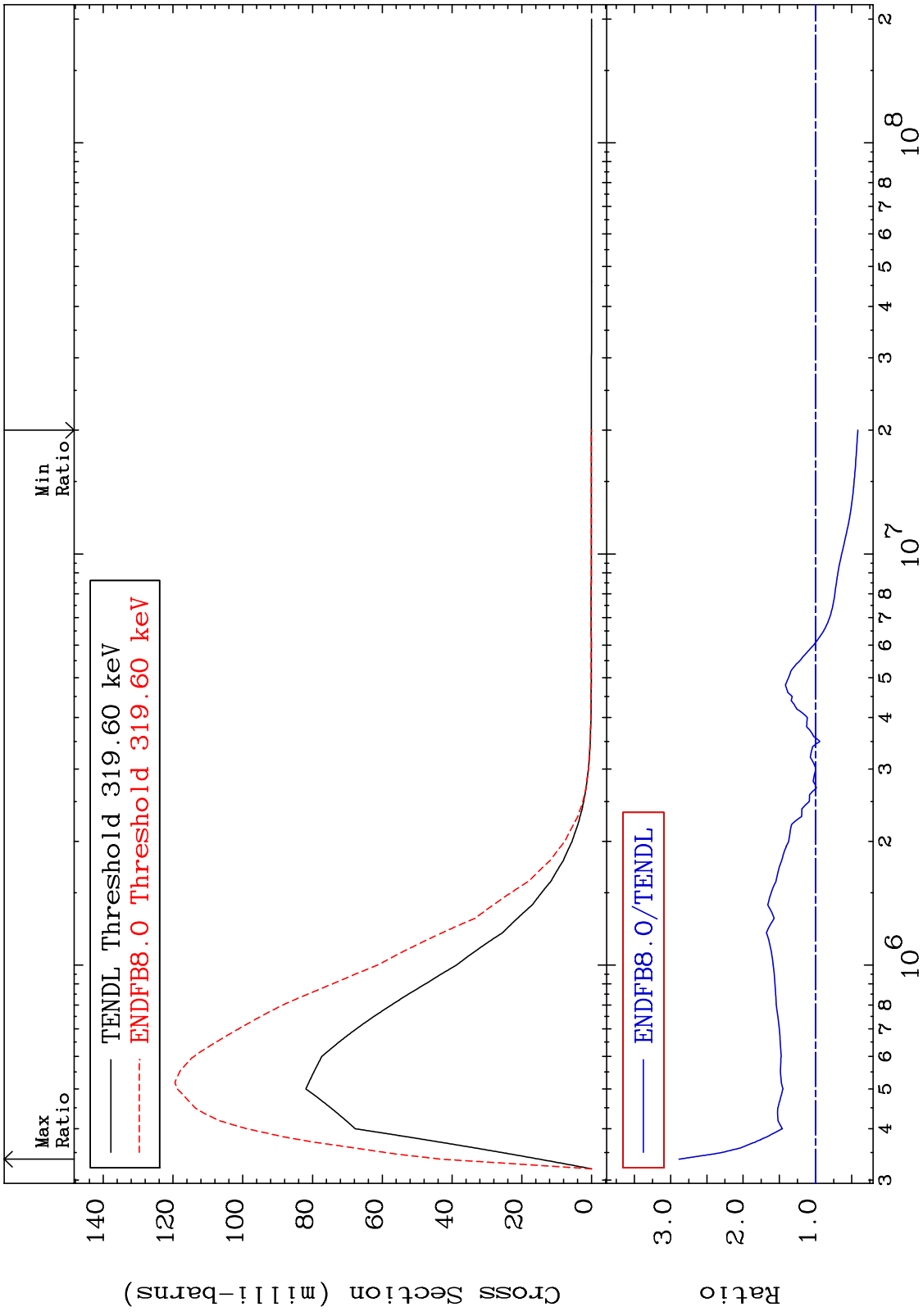
MAT 9646

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

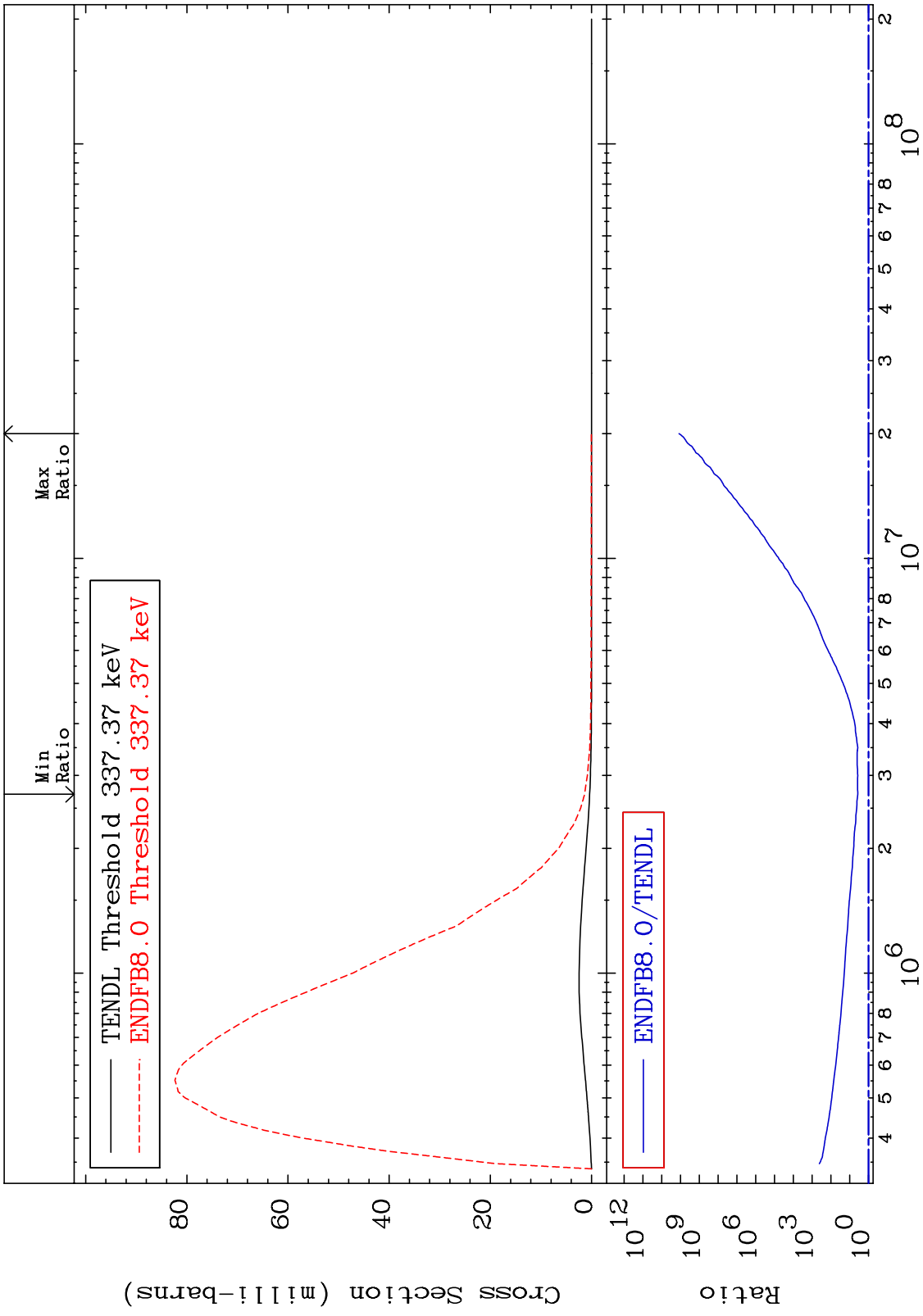
96-Cm-247
-64.05 To 6683. %



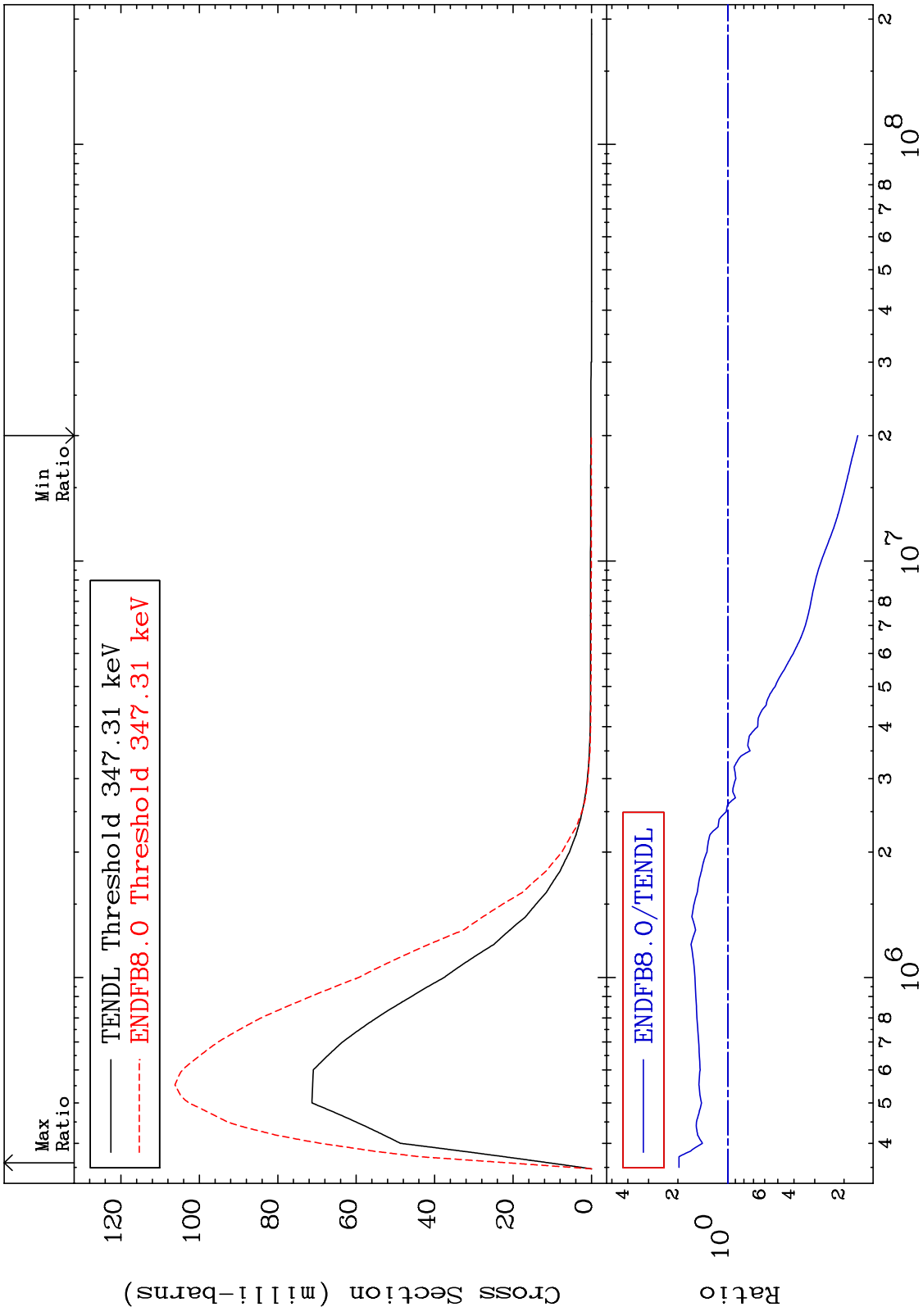
MAT 9646 MT= 58 (n,n') Level Cross Section 96-Cm-247
 -58.37 To 188.4 %



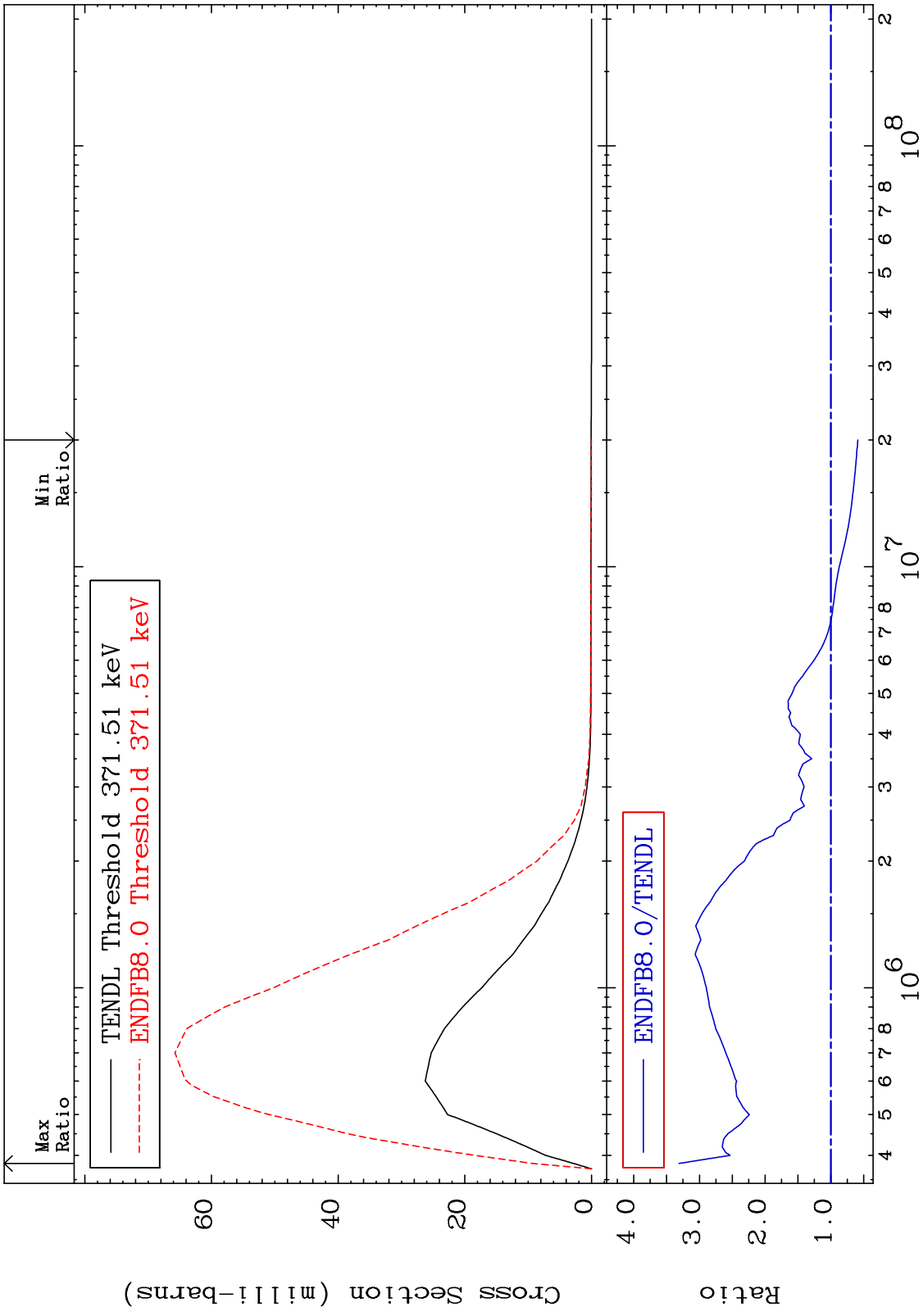
MAT 9646 MT= 59 (n,n') Level Cross Section 96-Cm-247 264.9 To 9999. %



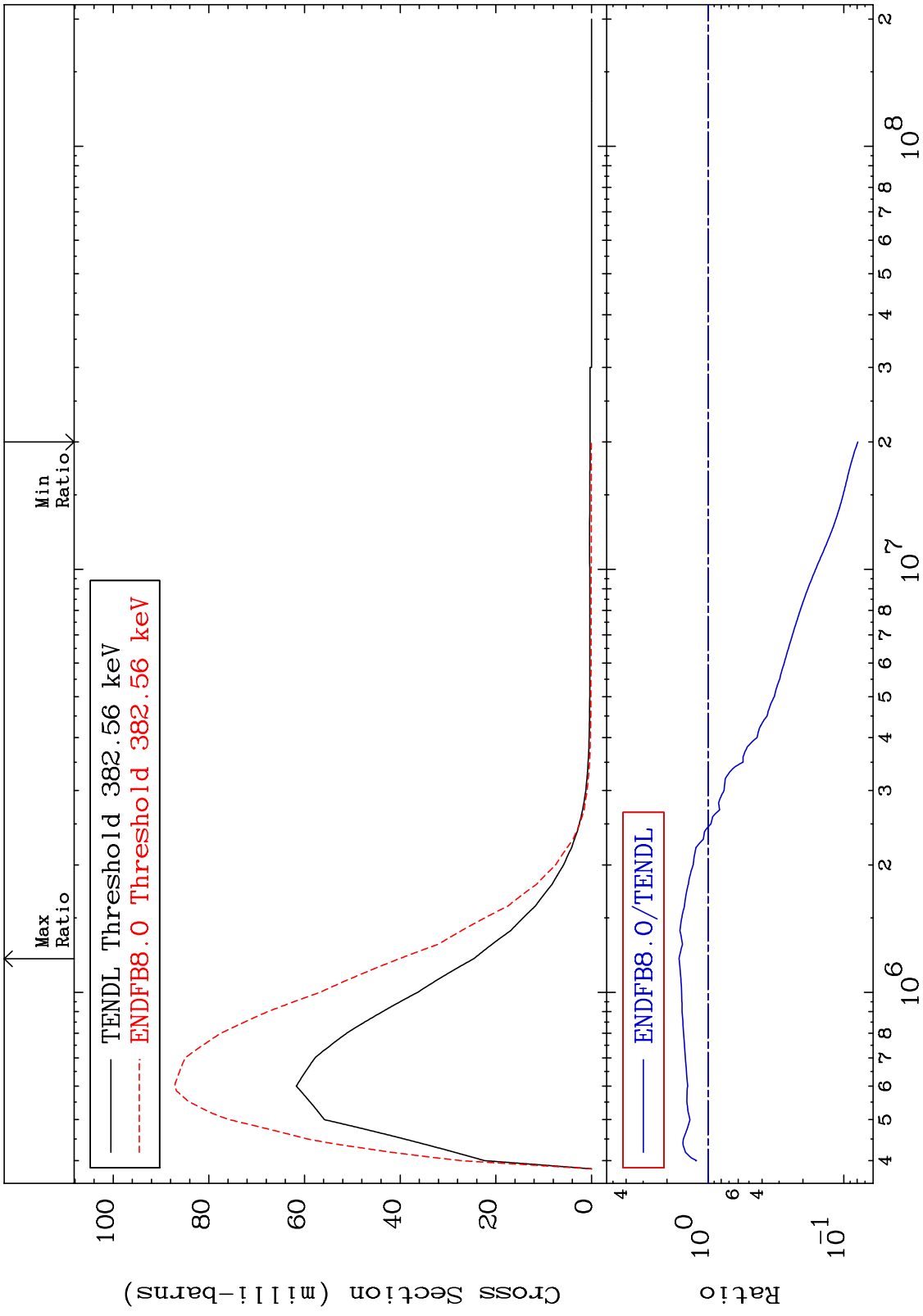
MAT 9646 MT= 60 (n,n') Level Cross Section -83.50 To 96.82 % 96-Cm-247



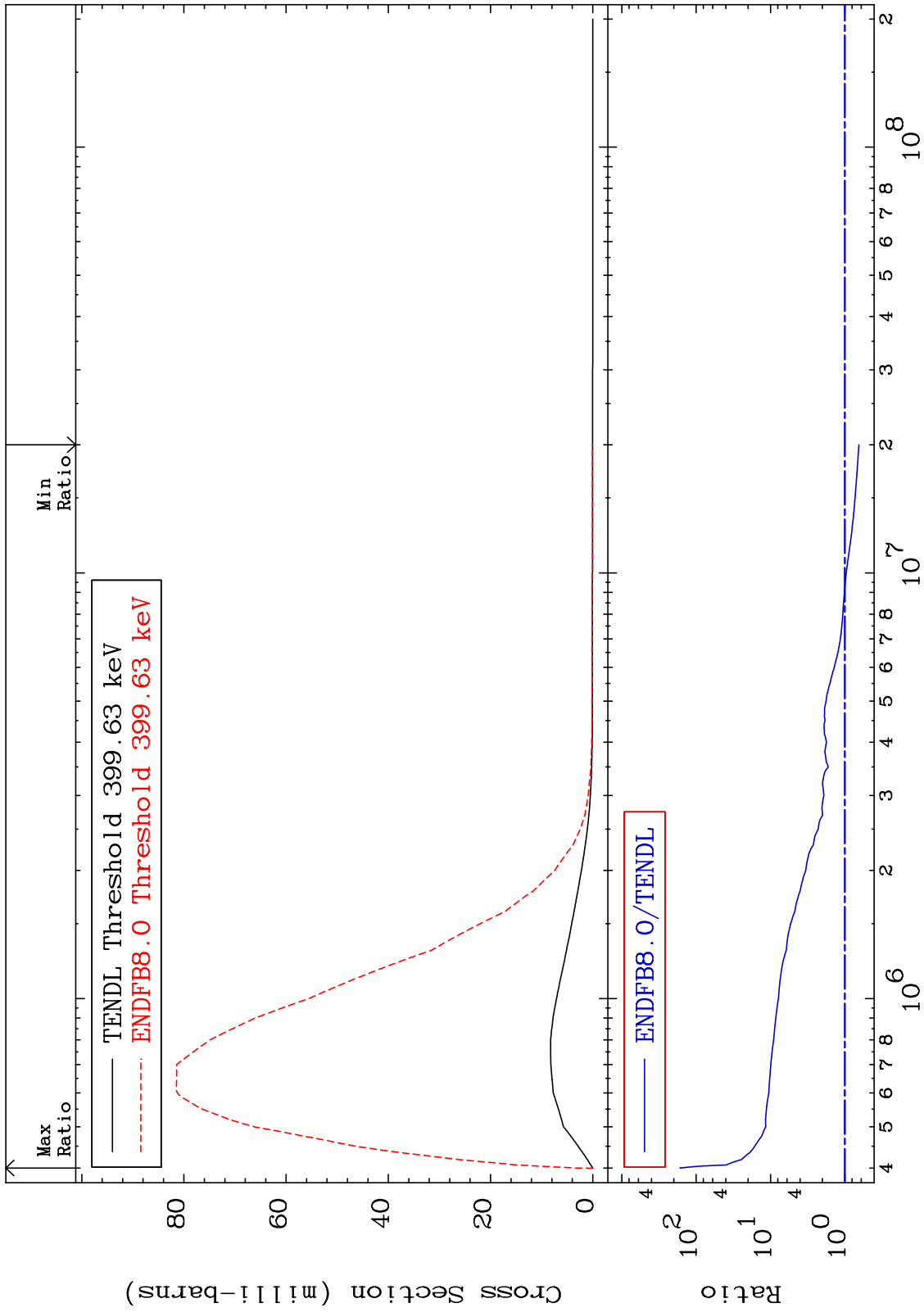
MAT 9646 MT= 61 (n,n') Level Cross Section 96-Cm-247 -41.17 To 231.0 %



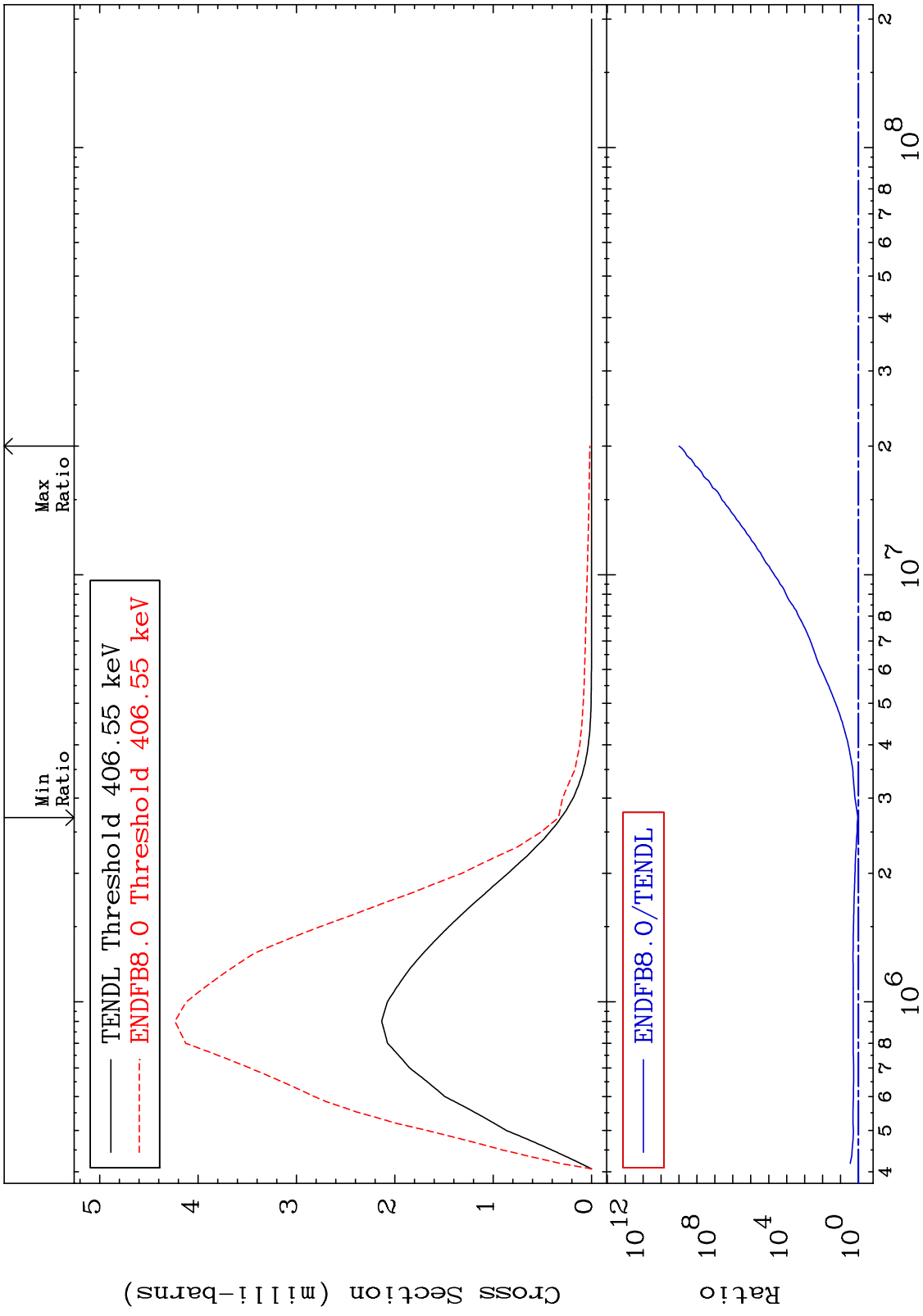
MAT 9646 MT= 62 (n,n') Level Cross Section 96-Cm-247 -92.11 To 63.24 %



MAT 9646 MT= 63 (n,n') Level Cross Section 96-Cm-247
 -35.35 To 9999. %



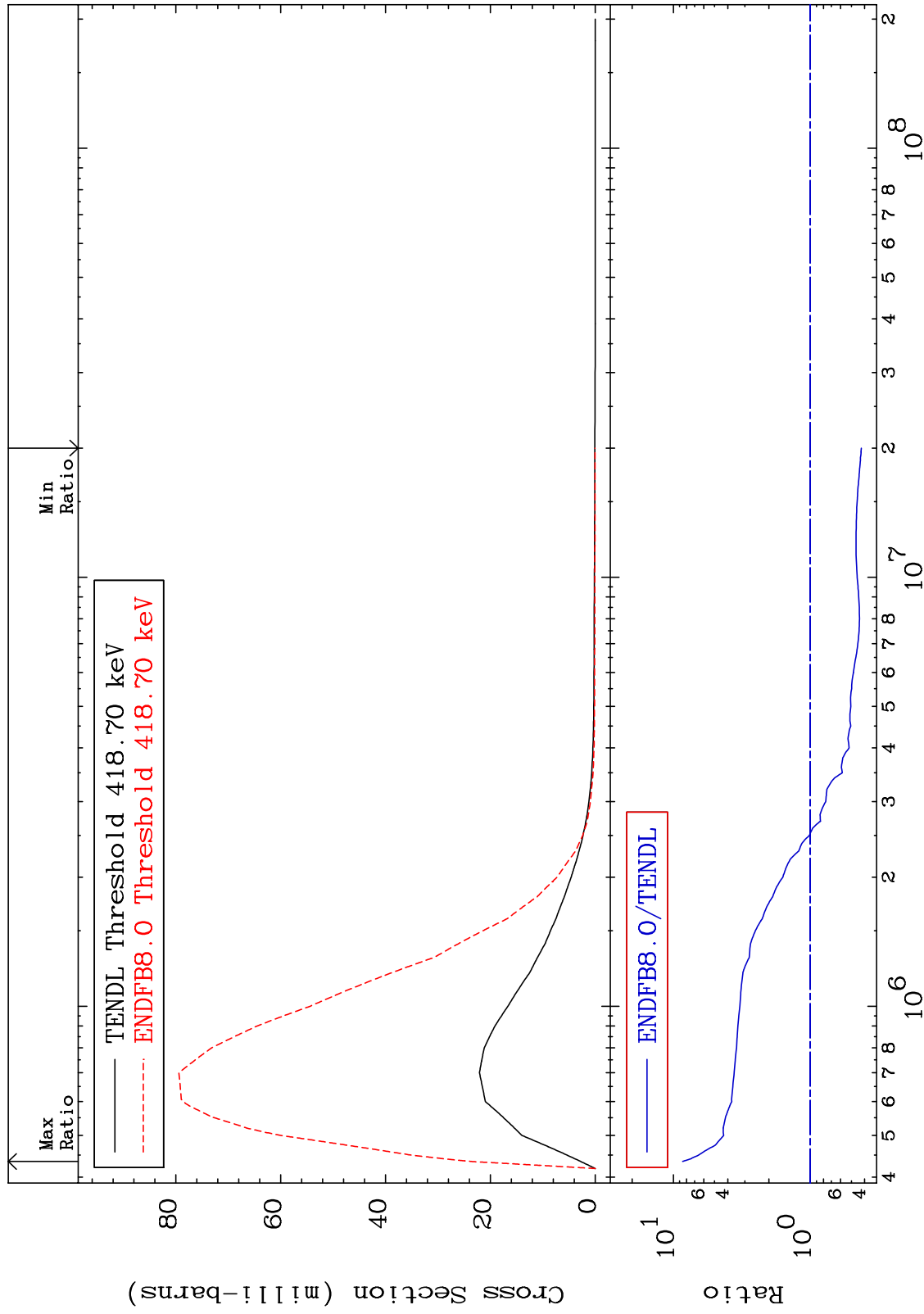
MAT 9646 MT= 64 (n,n') Level Cross Section 96-Cm-247 8.377 To 9999. %



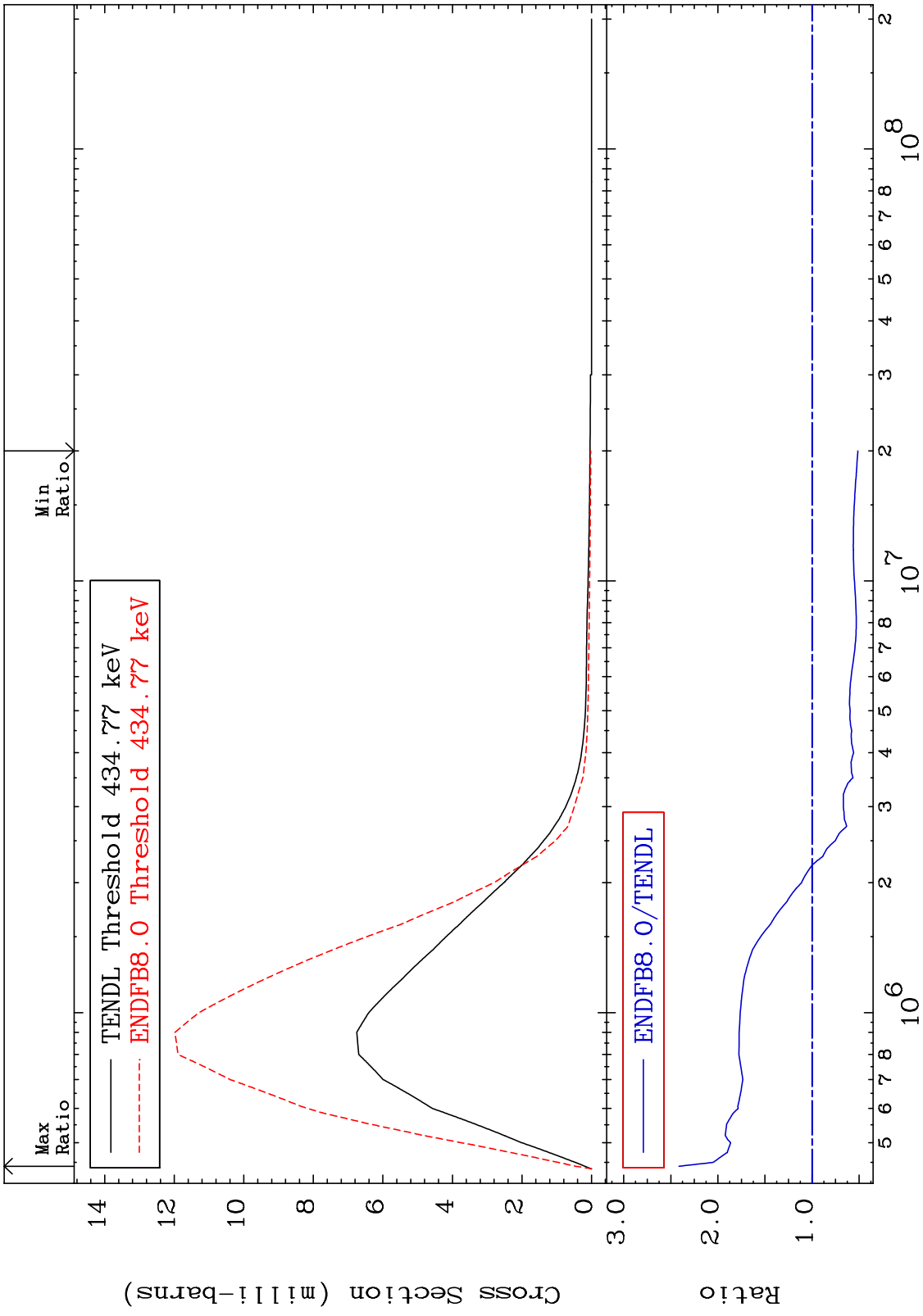
MAT 9646

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

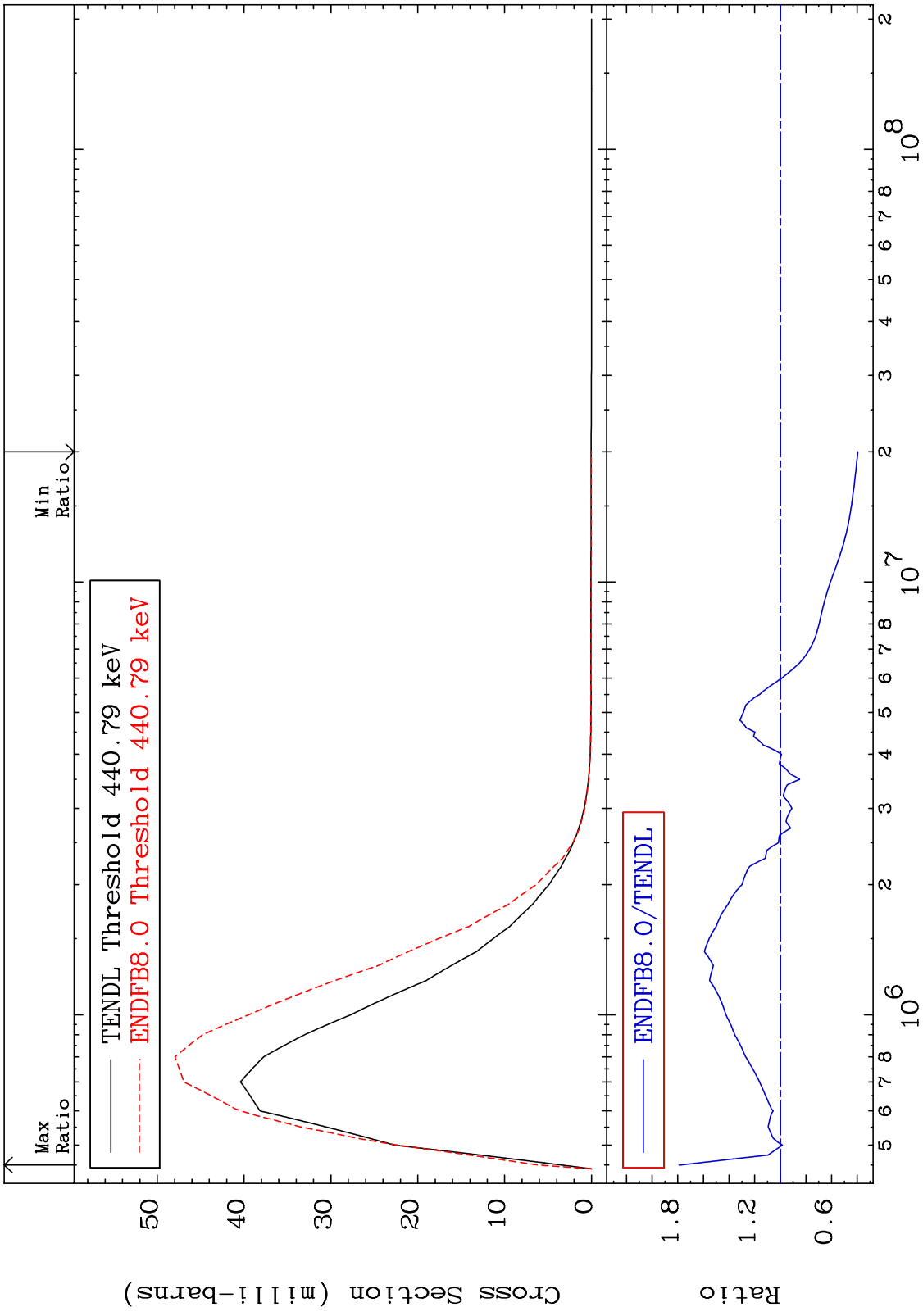
96-Cm-247
-57.72 To 754.5 %



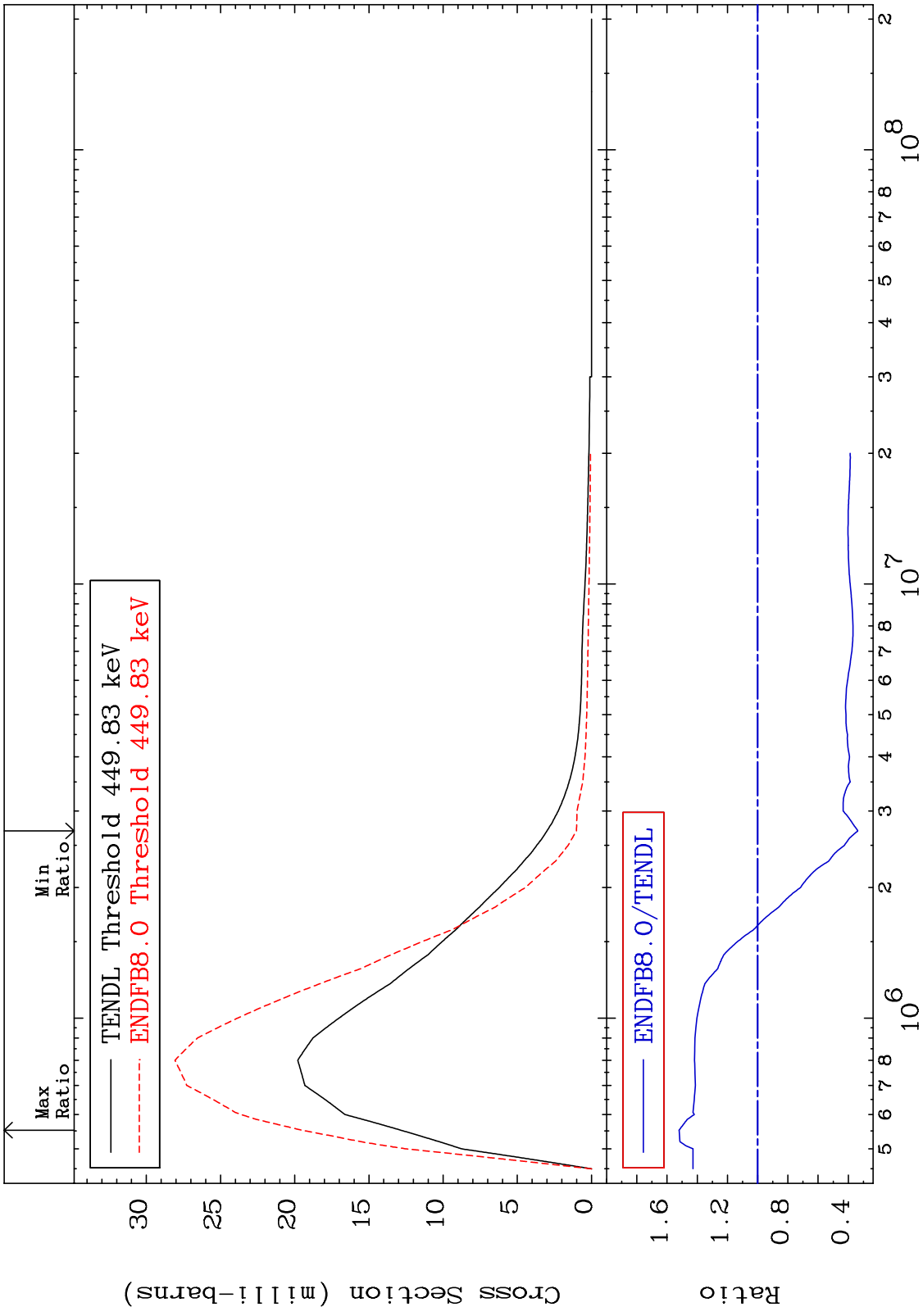
MAT 9646 MT= 66 (n,n') Level Cross Section 96-Cm-247
 -48.65 To 141.3 %



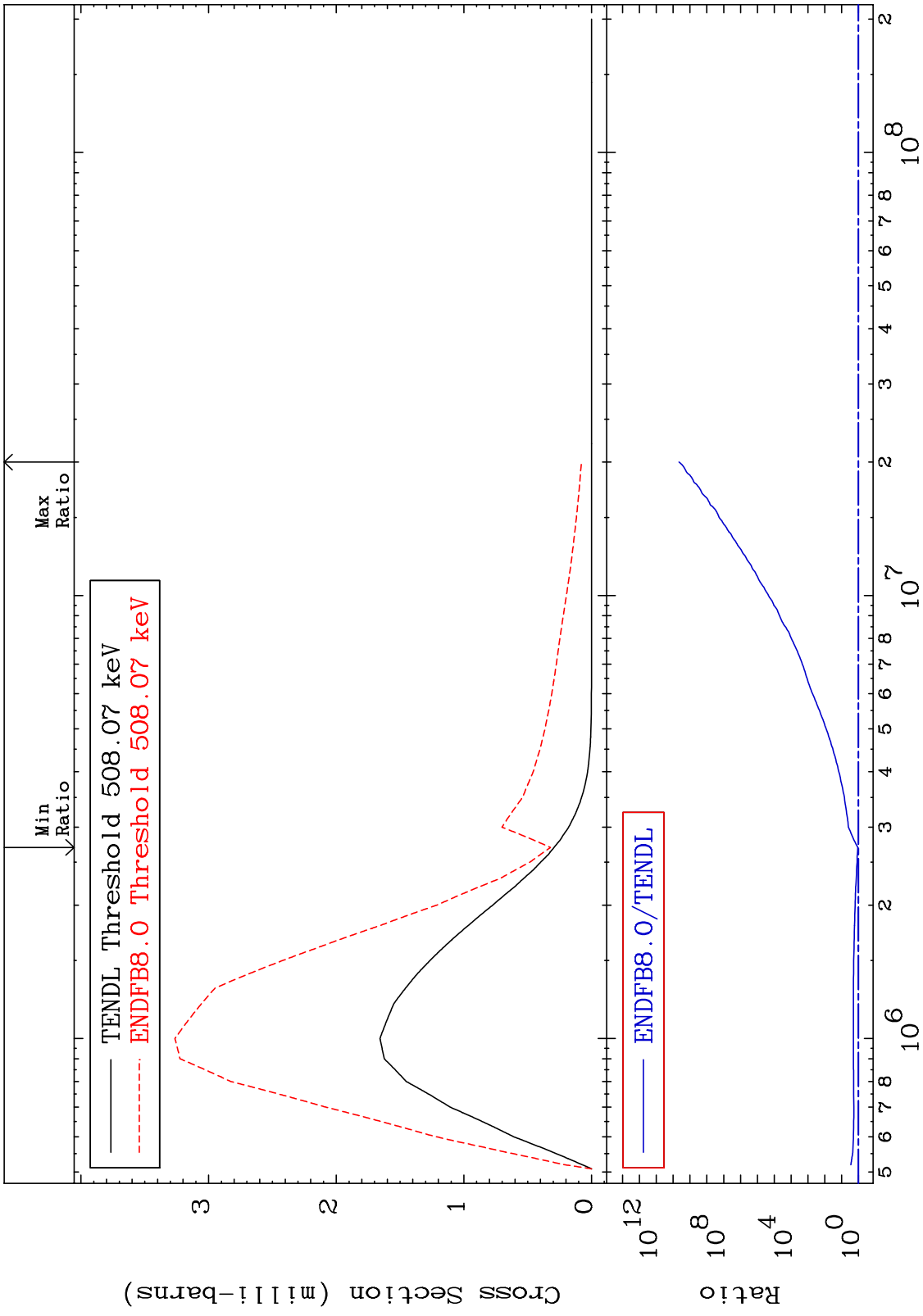
MAT 9646 MT= 67 (n,n') Level Cross Section 96-Cm-247
 -60.48 To 78.97 %



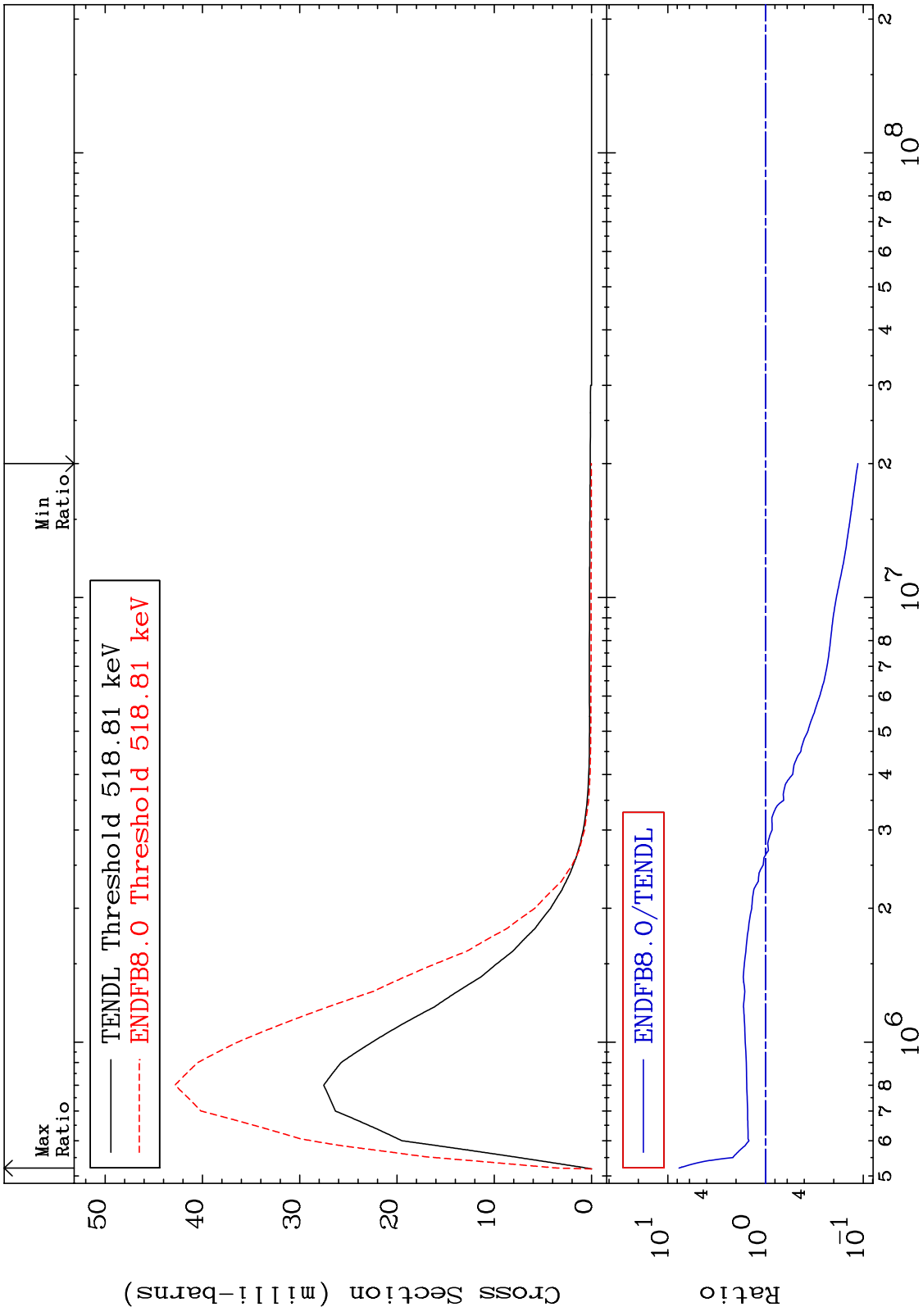
MAT 9646 MT= 68 (n,n') Level 96-Cm-247
 Cross Section -66.30 To 52.04 %



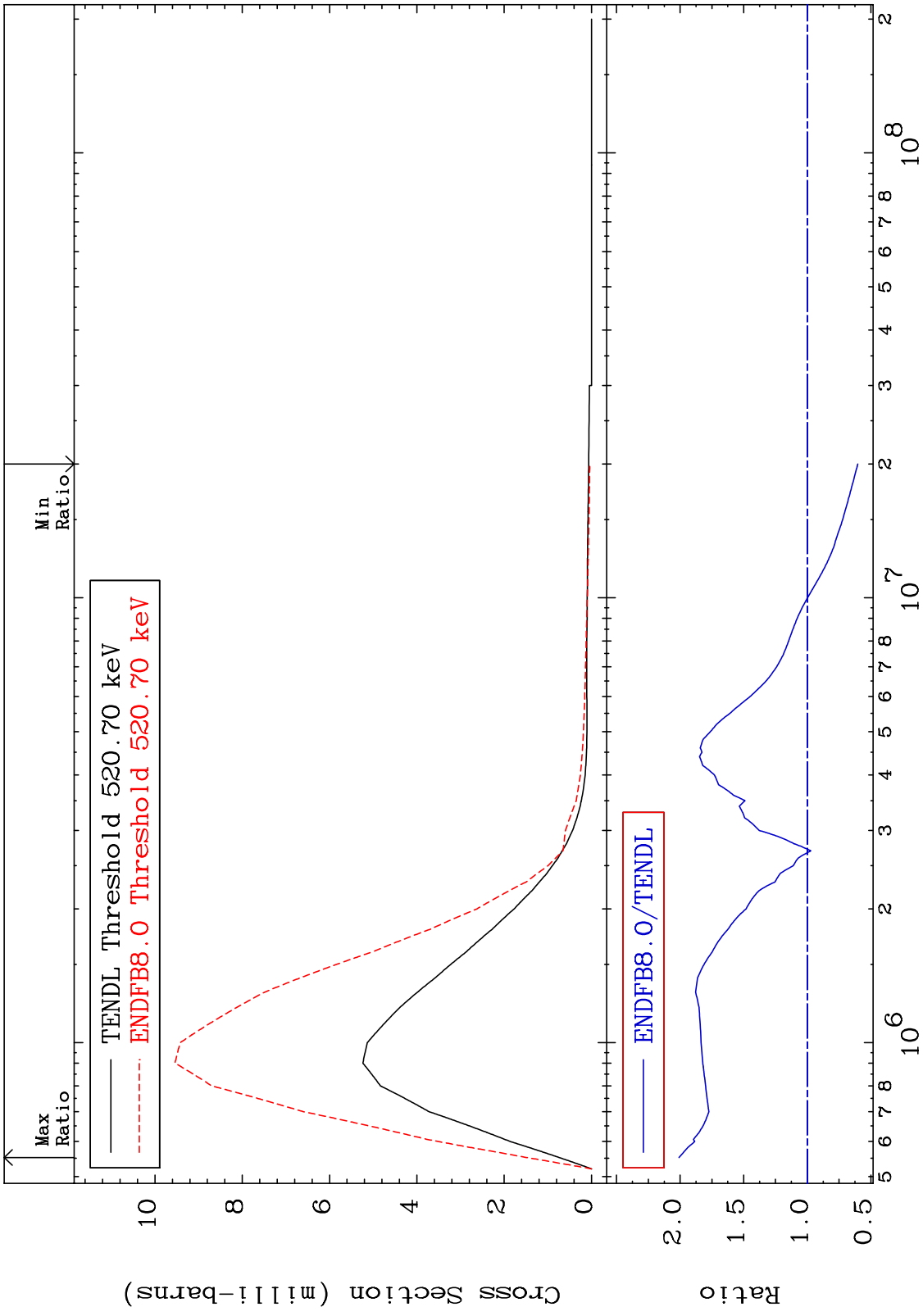
MAT 9646 MT= 69 (n,n') Level Cross Section 96-Cm-247 To 9999. %



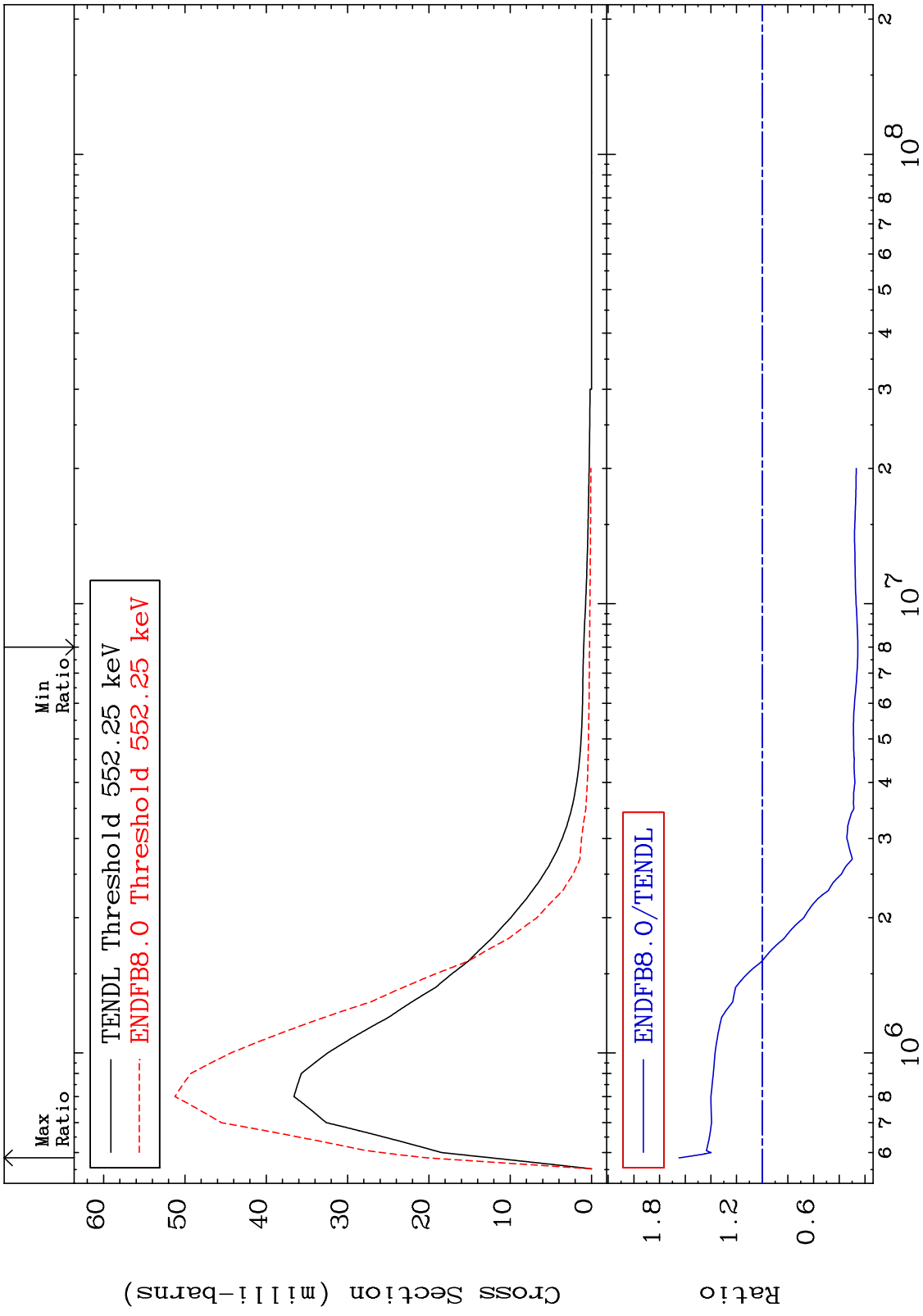
MAT 9646 MT= 70 (n,n') Level Cross Section 96-Cm-247 -88.66 To 666.5 %



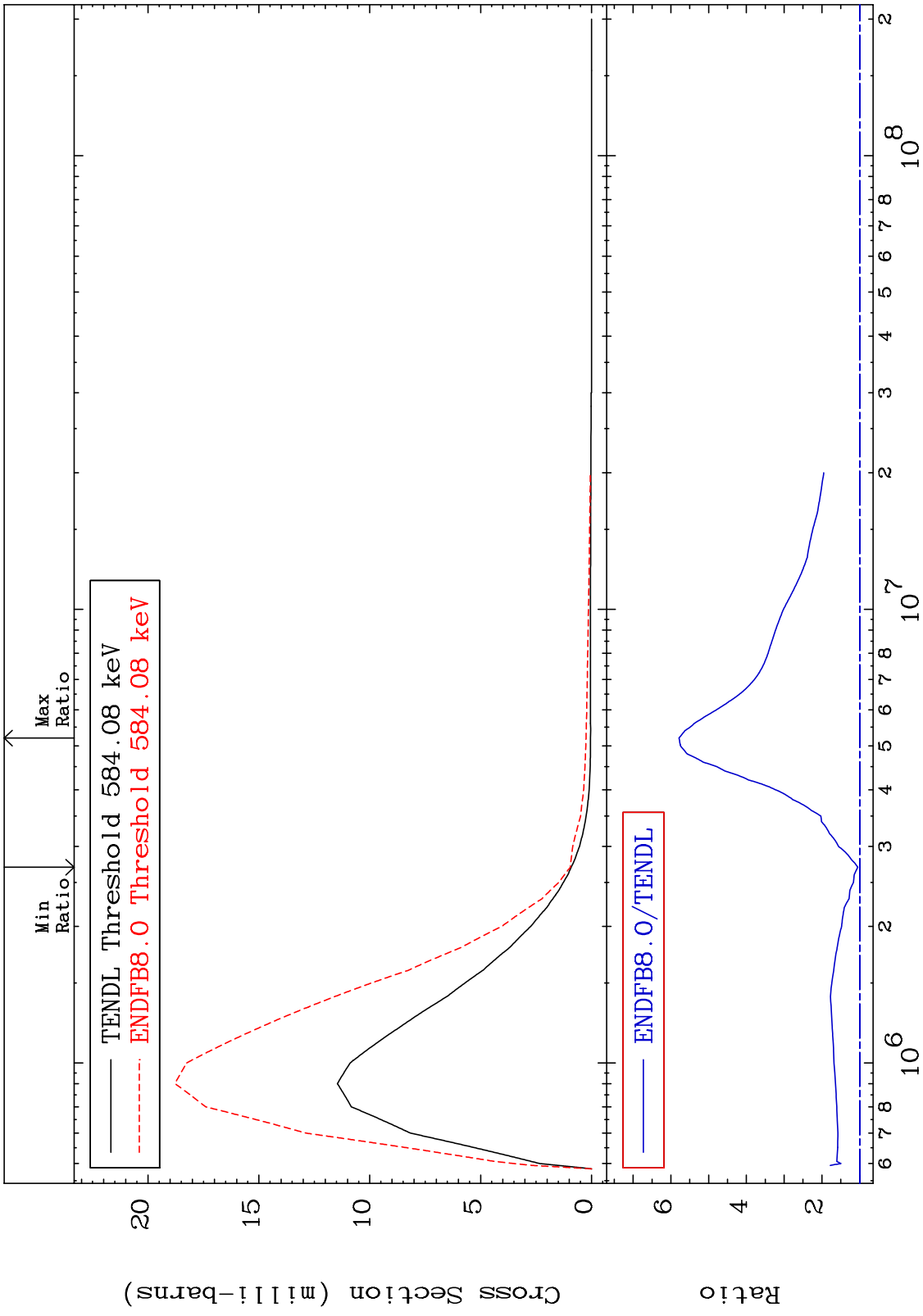
MAT 9646 MT= 71 (n,n') Level Cross Section 96-Cm-247
 -39.77 To 100.8 %



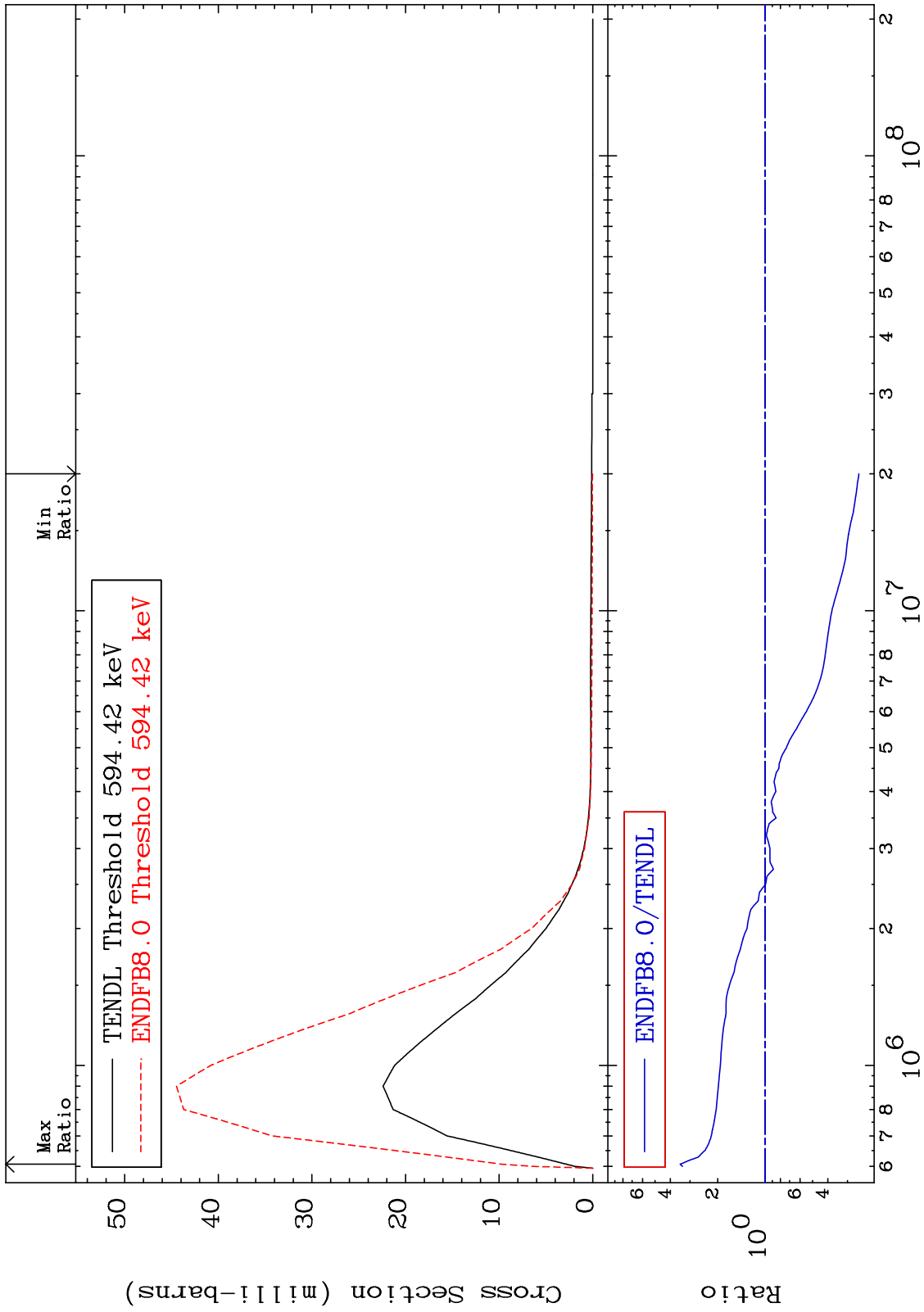
MAT 9646 MT= 72 (n,n') Level 96-Cm-247
 Cross Section -74.46 To 64.81 %



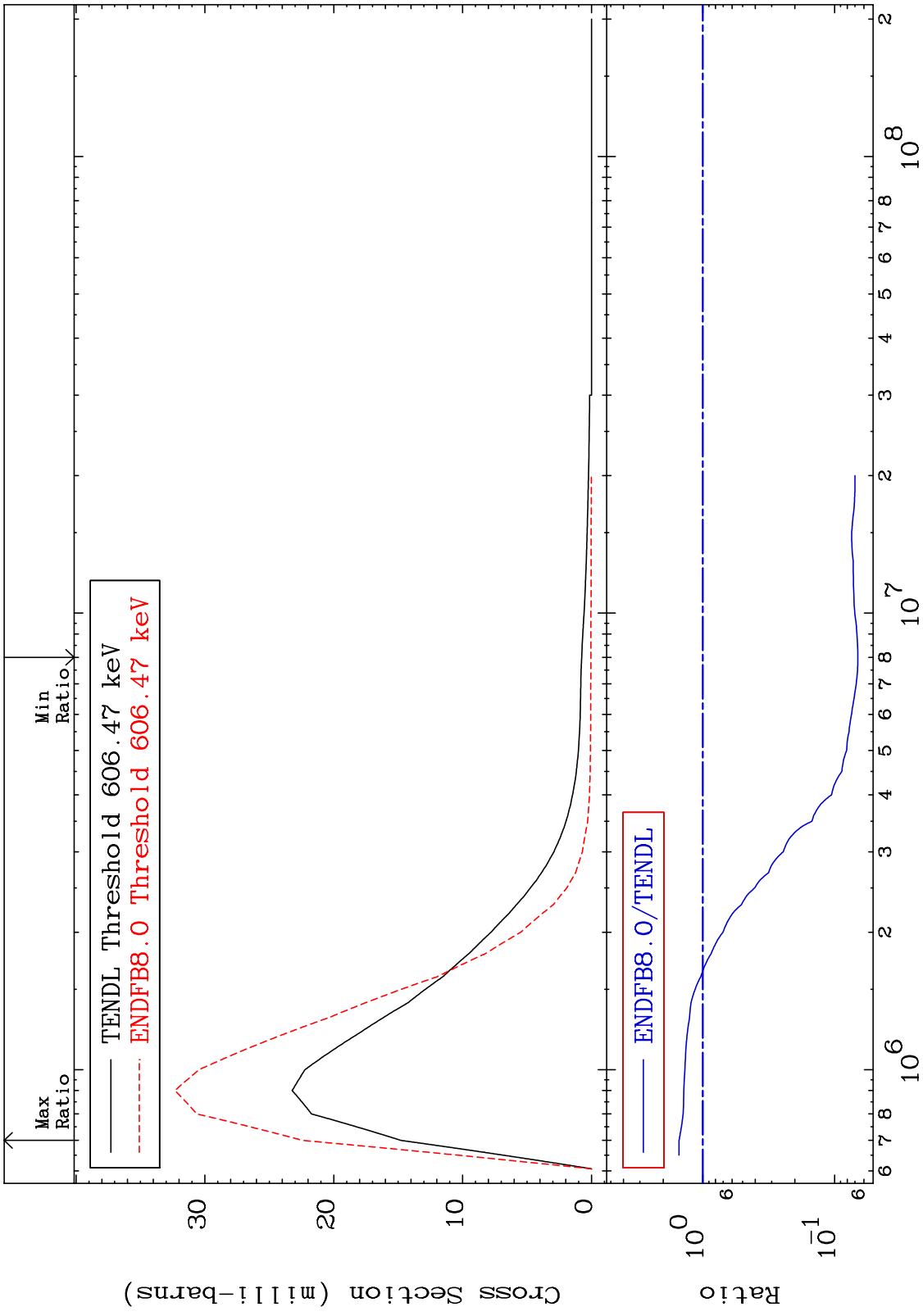
MAT 9646 MT= 73 (n,n') Level Cross Section 96-Cm-247 To 478.4 %

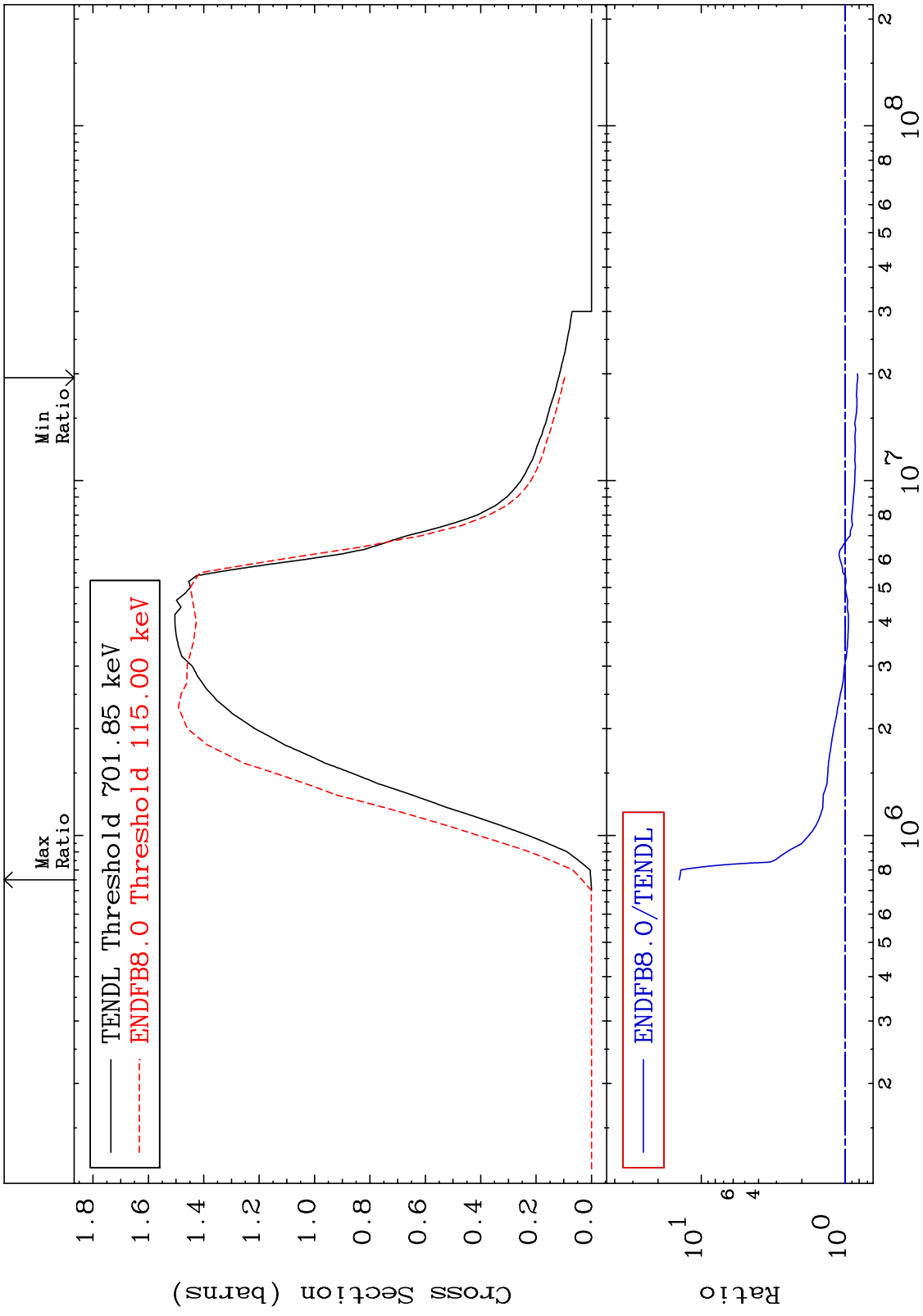


MAT 9646 MT= 74 (n,n') Level 96-Cm-247
 Cross Section -74.57 To 246.3 %



MAT 9646 MT= 75 (n,n') Level Cross Section 96-Cm-247
 -93.34 To 51.47 %

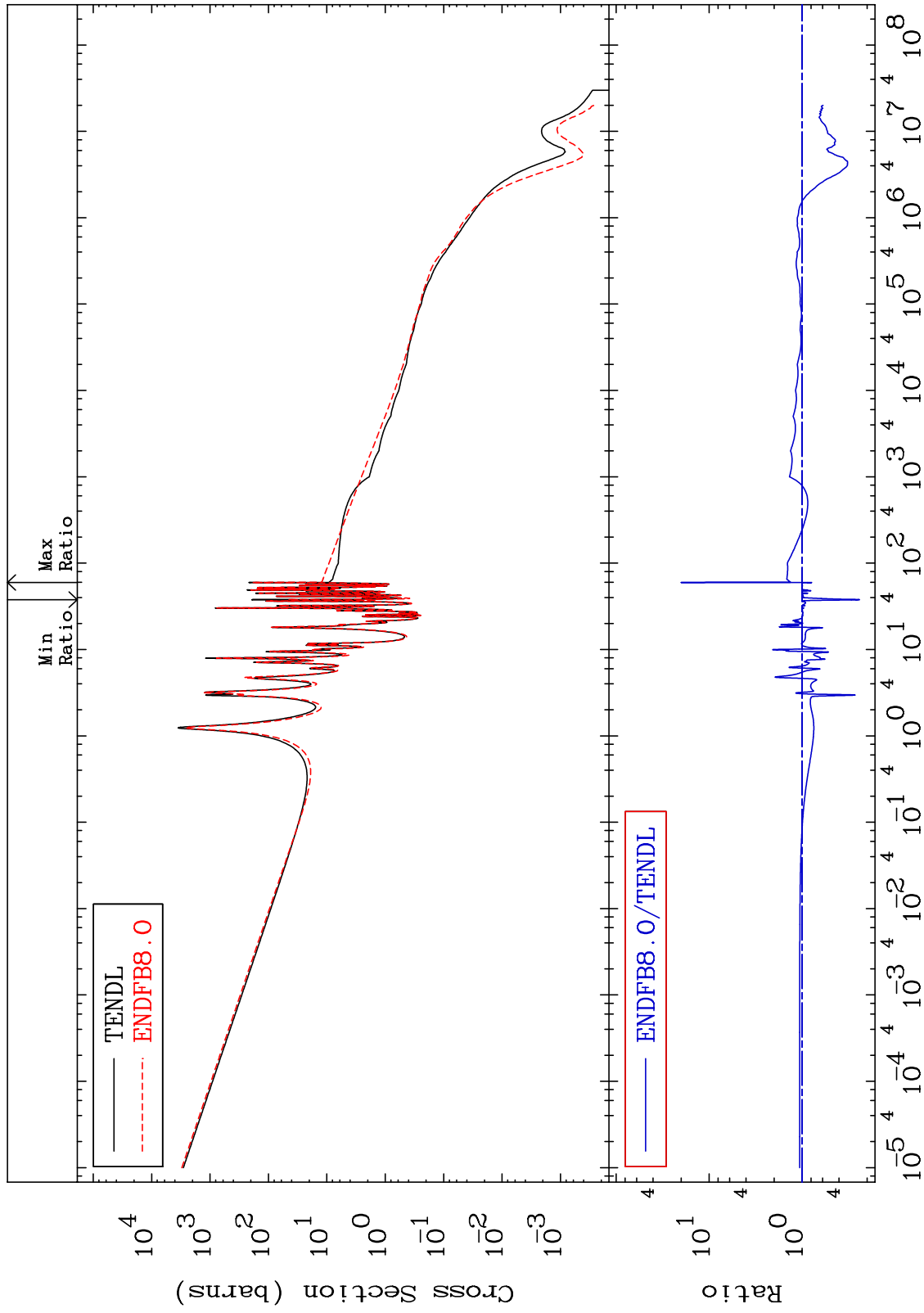




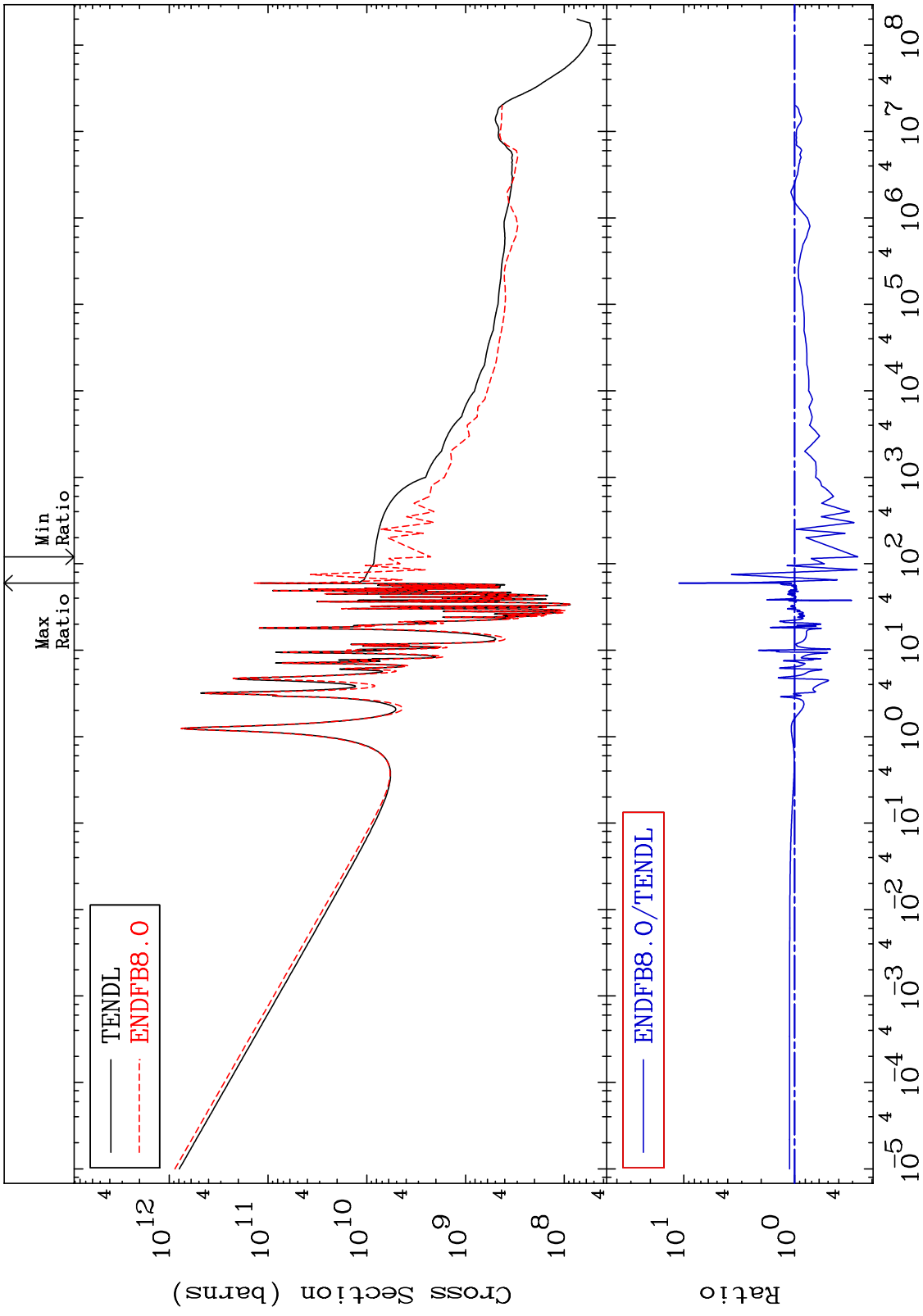
MAT 9646

(n, γ)
Cross Section

96-Cm-247
-76.04 To 1893. %



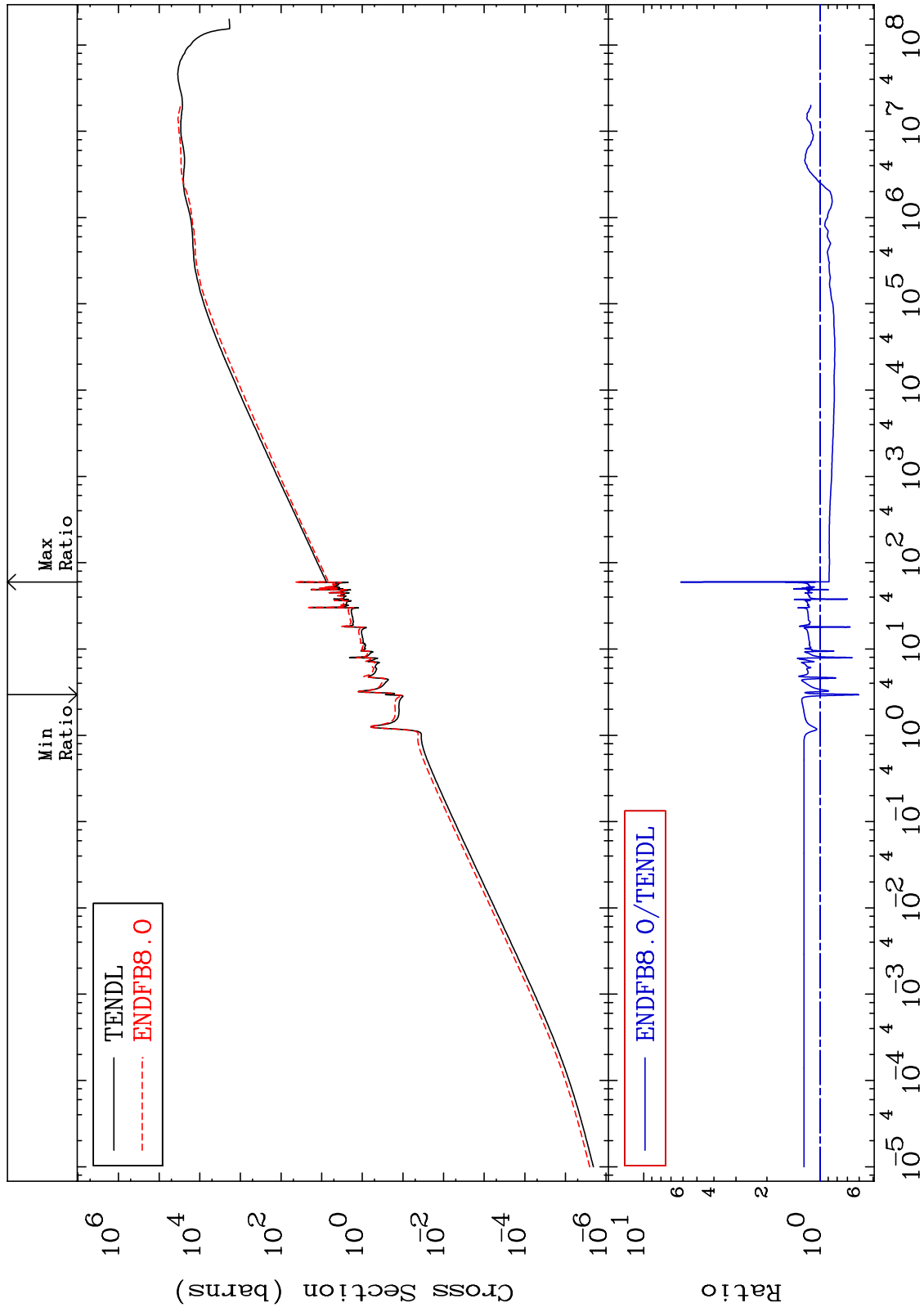
MAT 9646 Kerma total (eV-barns) 96-Cm-247
 Cross Section -73.12 To 1001. %



MAT 9646

Kerma elastic
Cross Section

96-Cm-247
-39.82 To 517.8 %

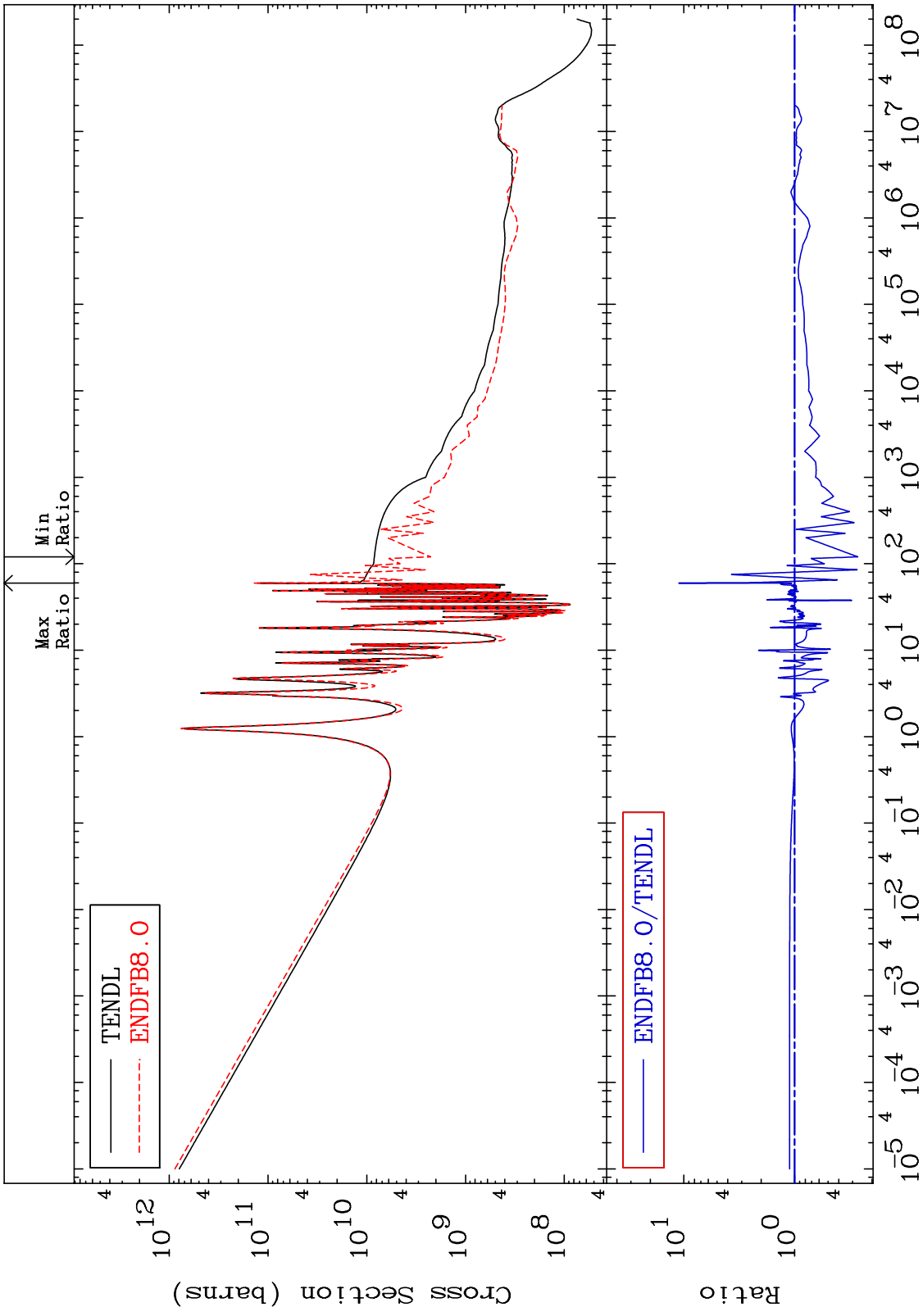


40

Incident Energy (eV)

96-Cm-247

MAT 9646 Kerma non-elastic (all but mt2) 96-Cm-247
 -73.12 To 1001. %
 Cross Section

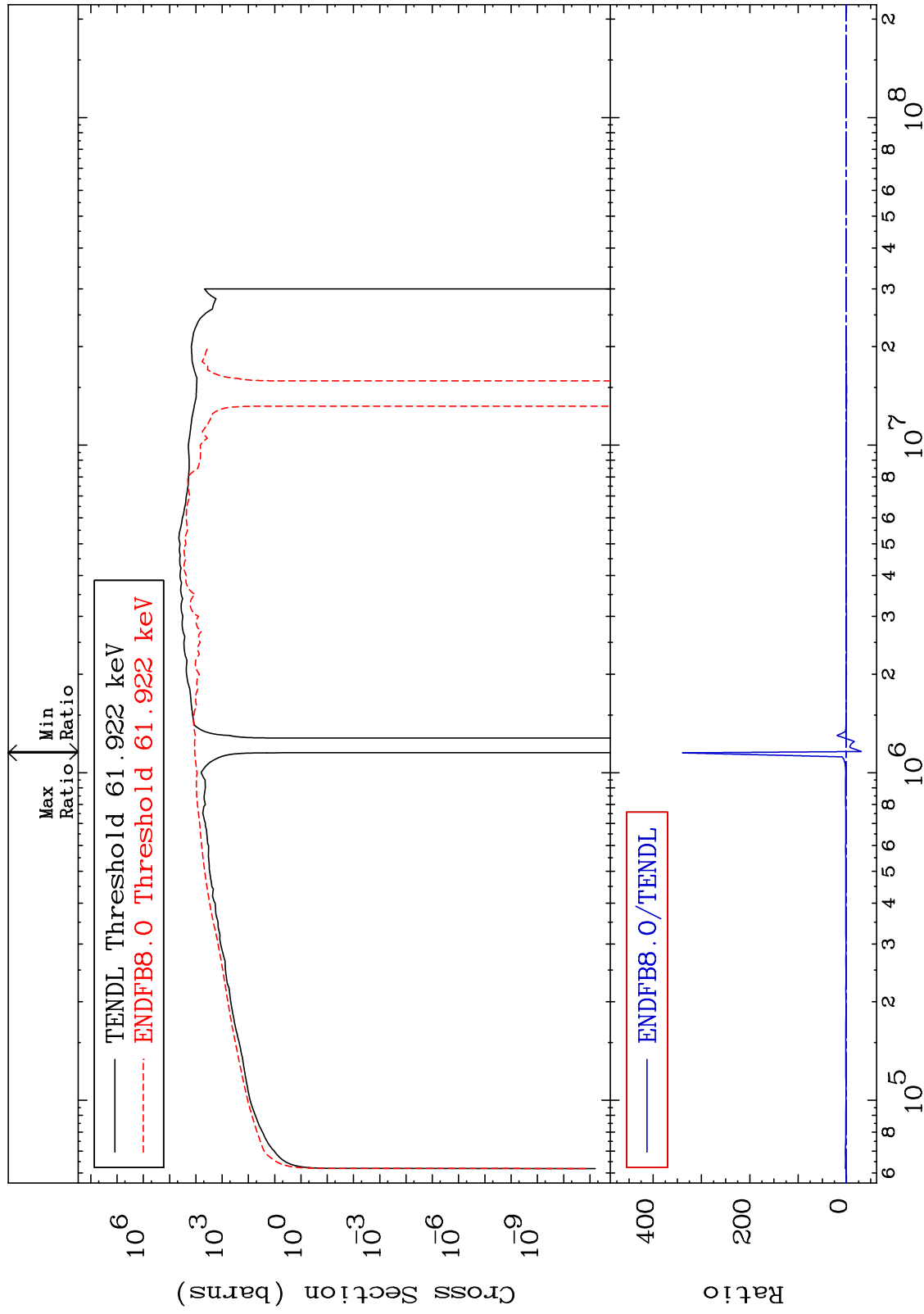


41 Incident Energy (eV) 96-Cm-247

MAT 9646

Kerma inelastic (mt51-91)
Cross Section

96-Cm-247
-3165. To 9999. %



42

Incident Energy (eV)

96-Cm-247

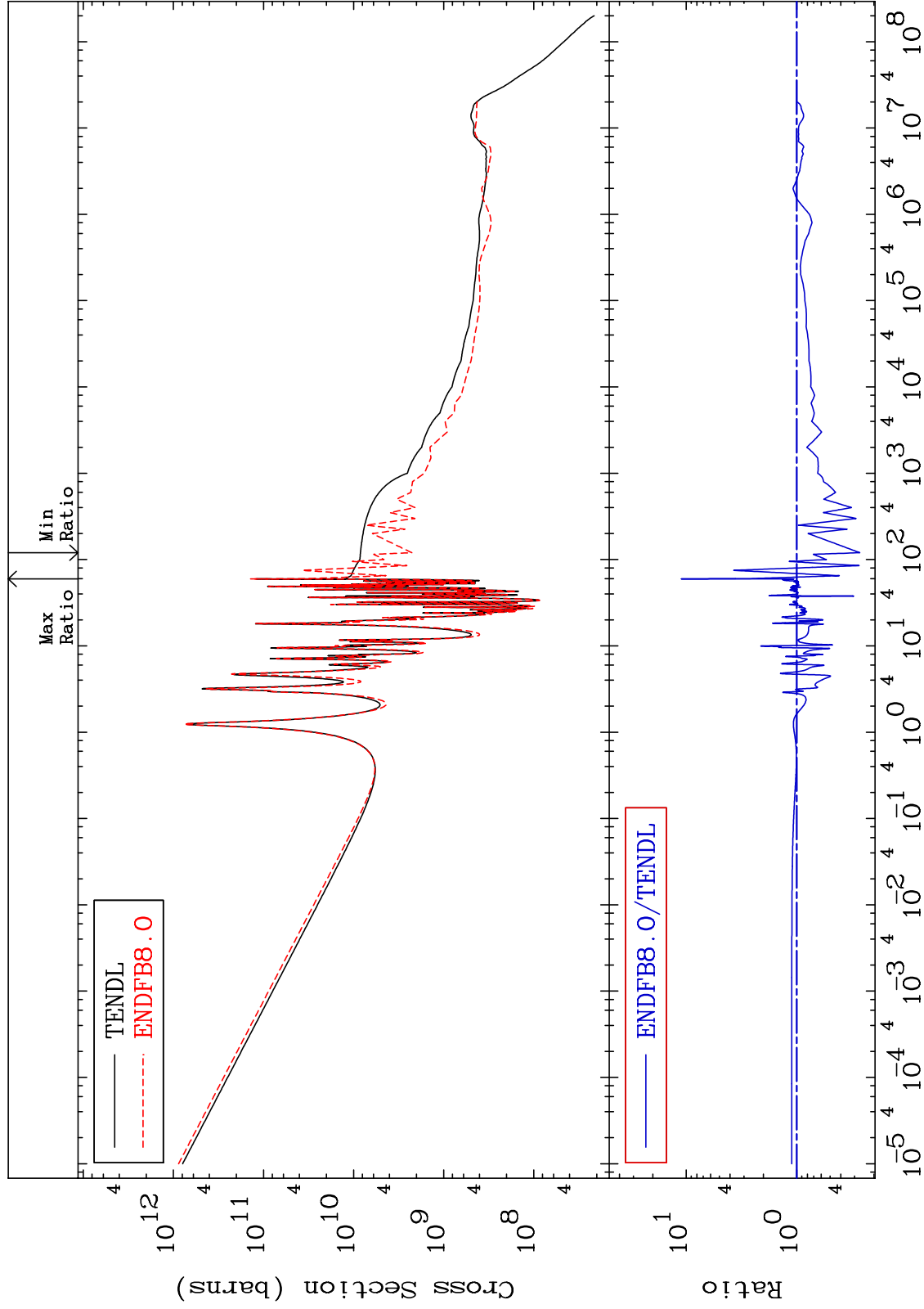
MAT 9646

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

96-Cm-247

-73.12 To 1001. %

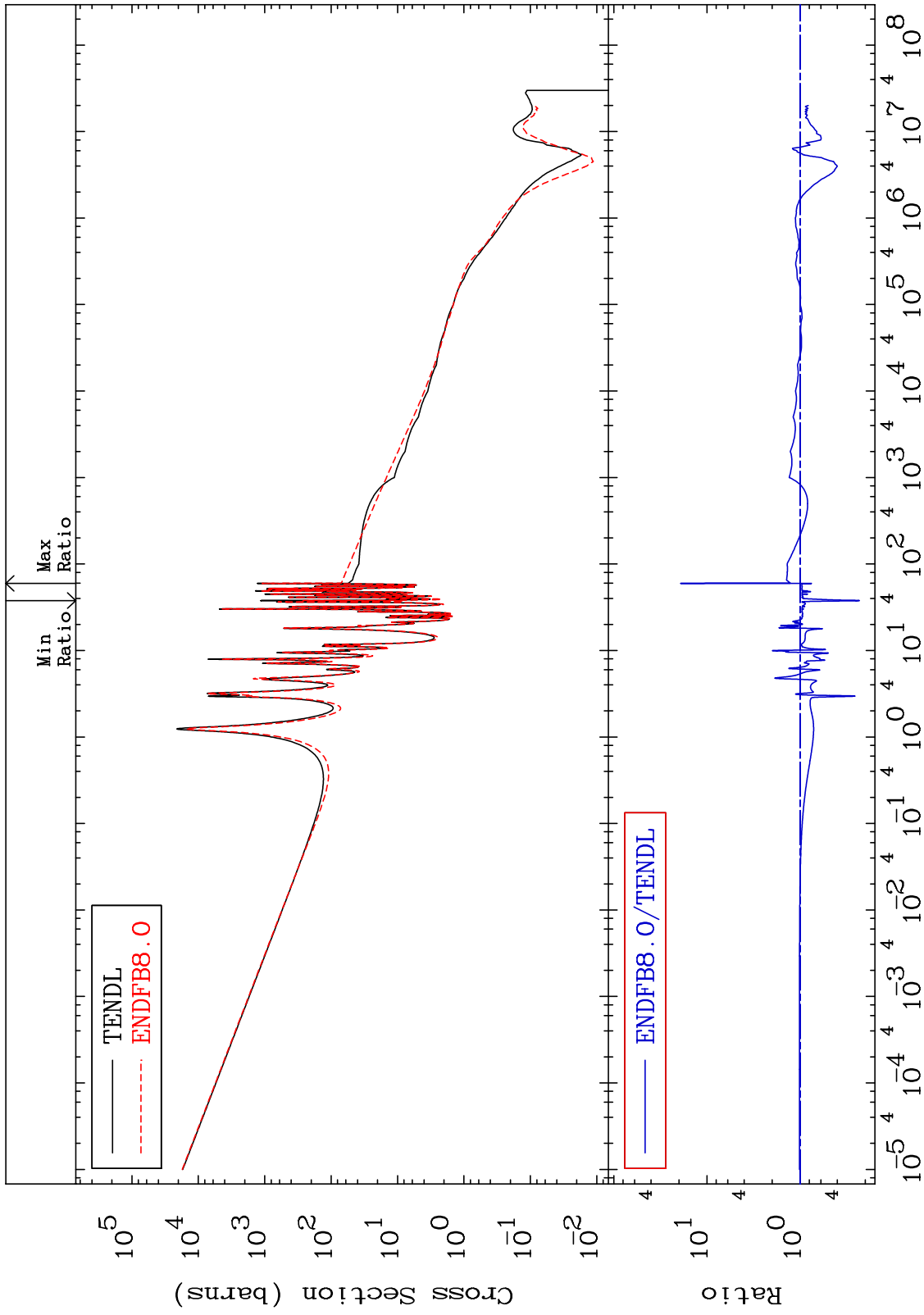
Cross Section



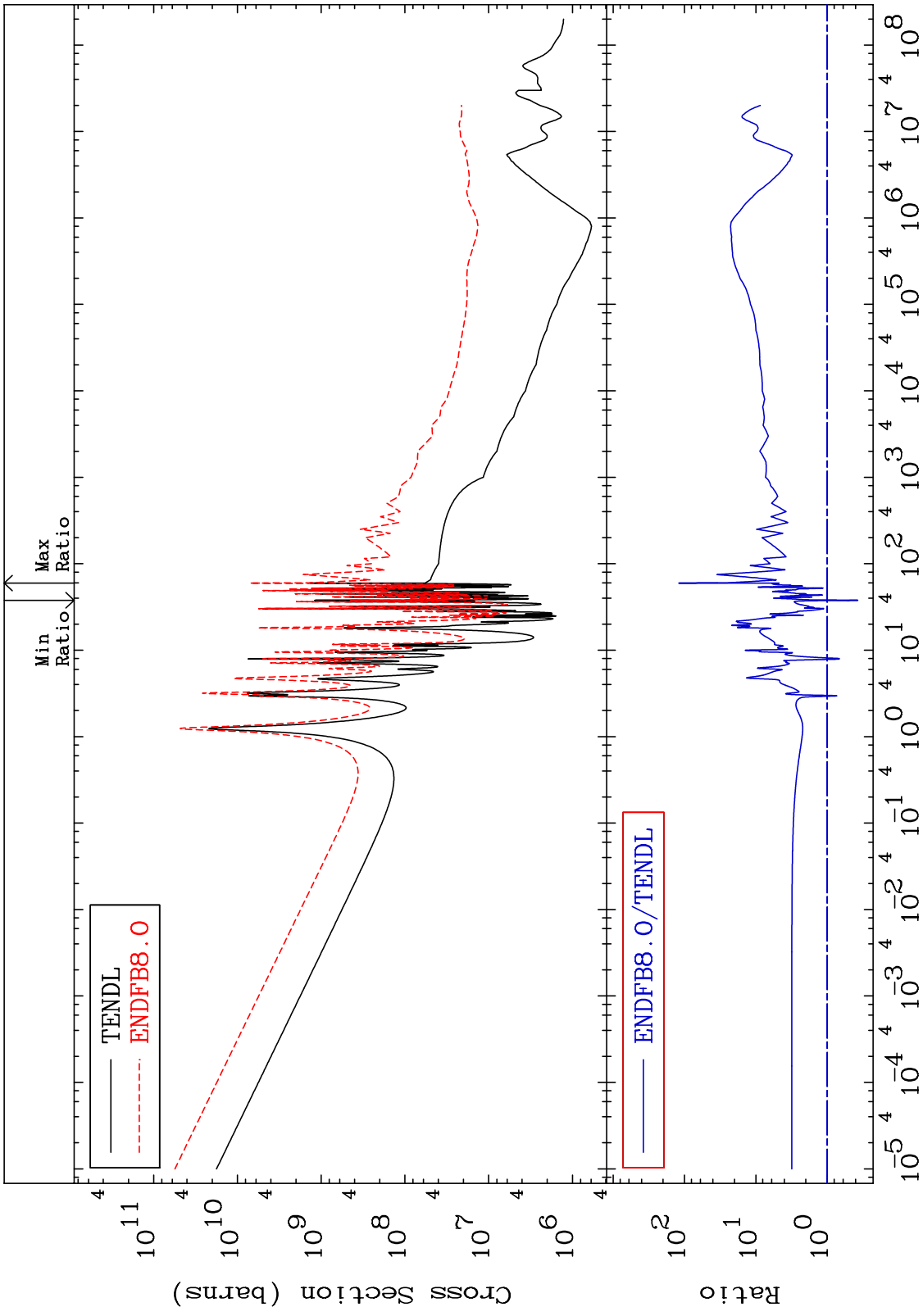
MAT 9646

Kerma capture (mt102)
Cross Section

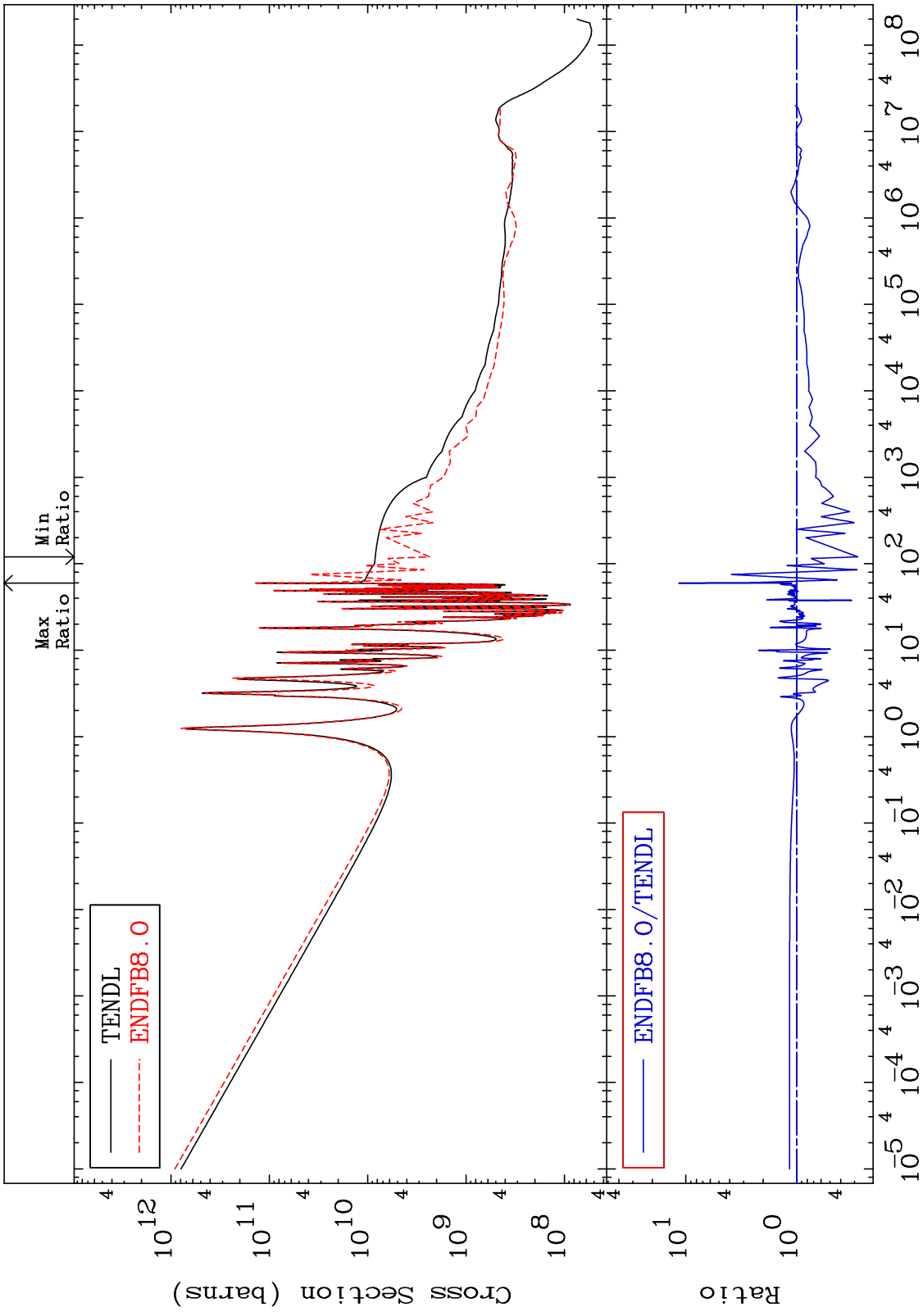
96-Cm-247
-76.99 To 1814. %



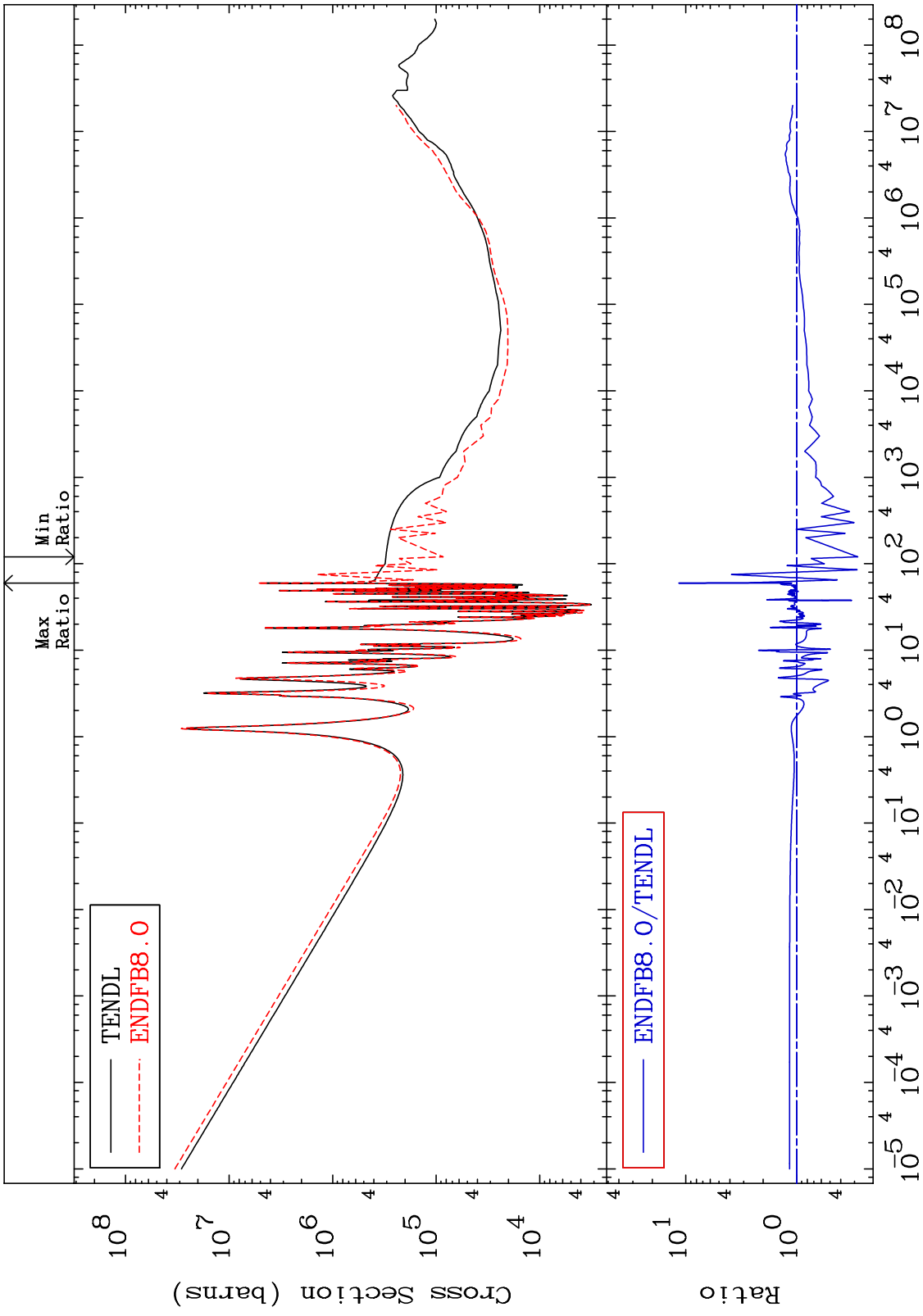
MAT 9646 Total photon (eV-barns) 96-Cm-247
Cross Section -62.79 To 9999. %



MAT 9646 Total kinematic kerma (high limit) 96-Cm-247
Cross Section -71.99 To 1048. %



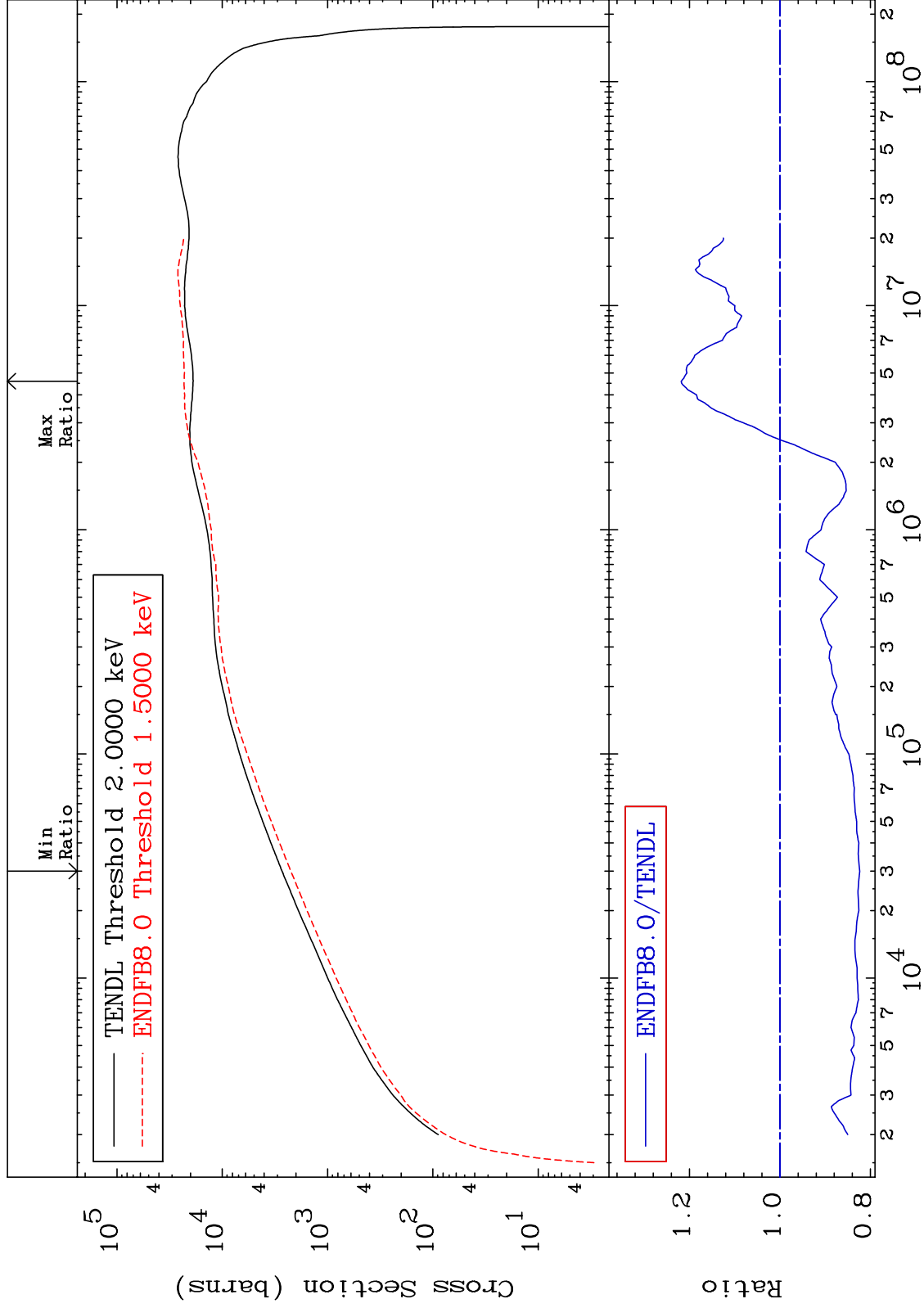
MAT 9646 Dpa total (eV-barns) 96-Cm-247
 Cross Section -71.98 To 1048. %



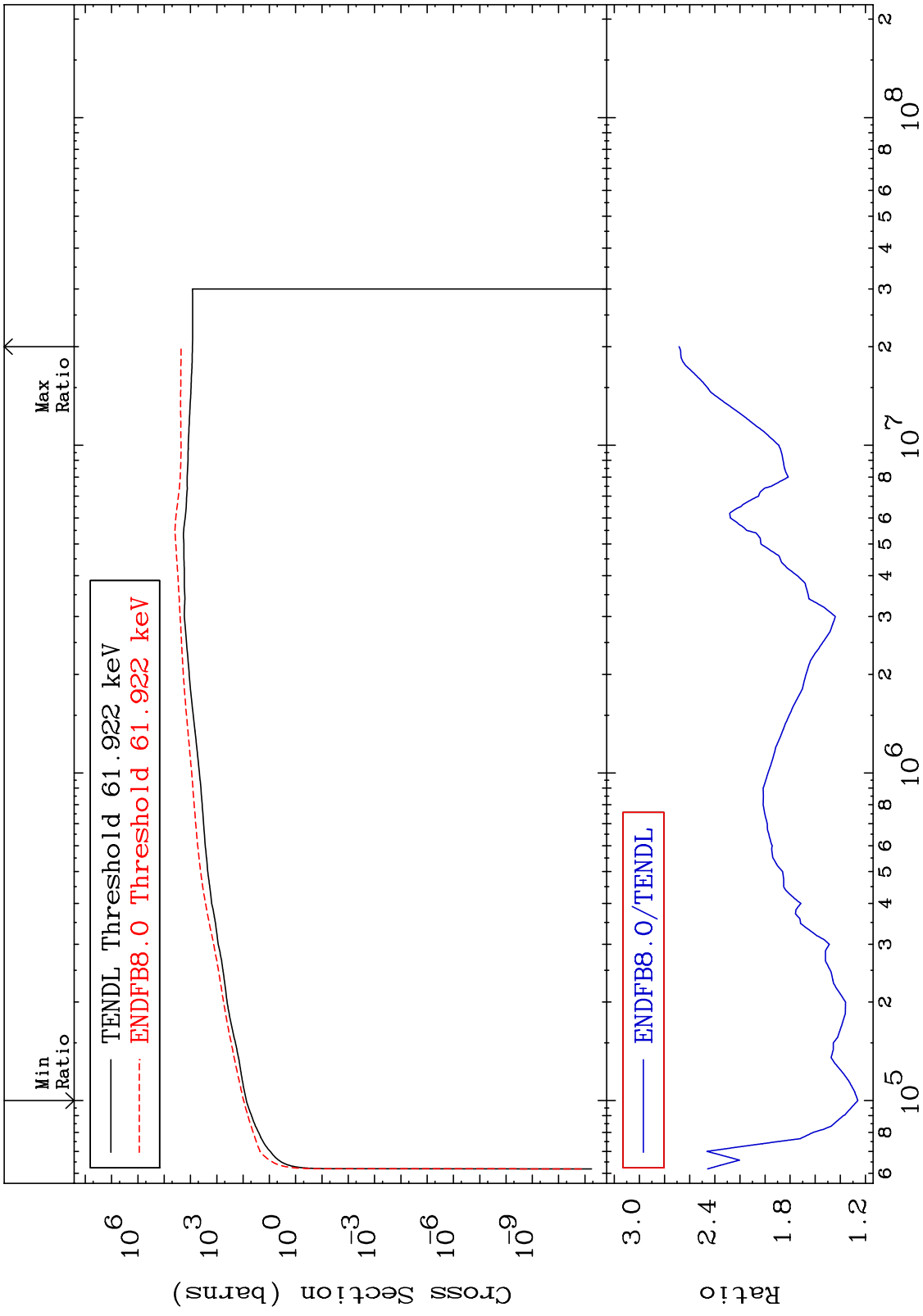
MAT 9646

Dpa elastic (mt2)
Cross Section

96-Cm-247
-17.63 To 21.82 %



MAT 9646 Dpa inelastic (mt51-91) 96-Cm-247
 Cross Section 26.10 To 168.4 %



MAT 9646 Dpa disappearance (mt102 -120) 96-Cm-247
 Cross Section -100.0 To 1612. %

