

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

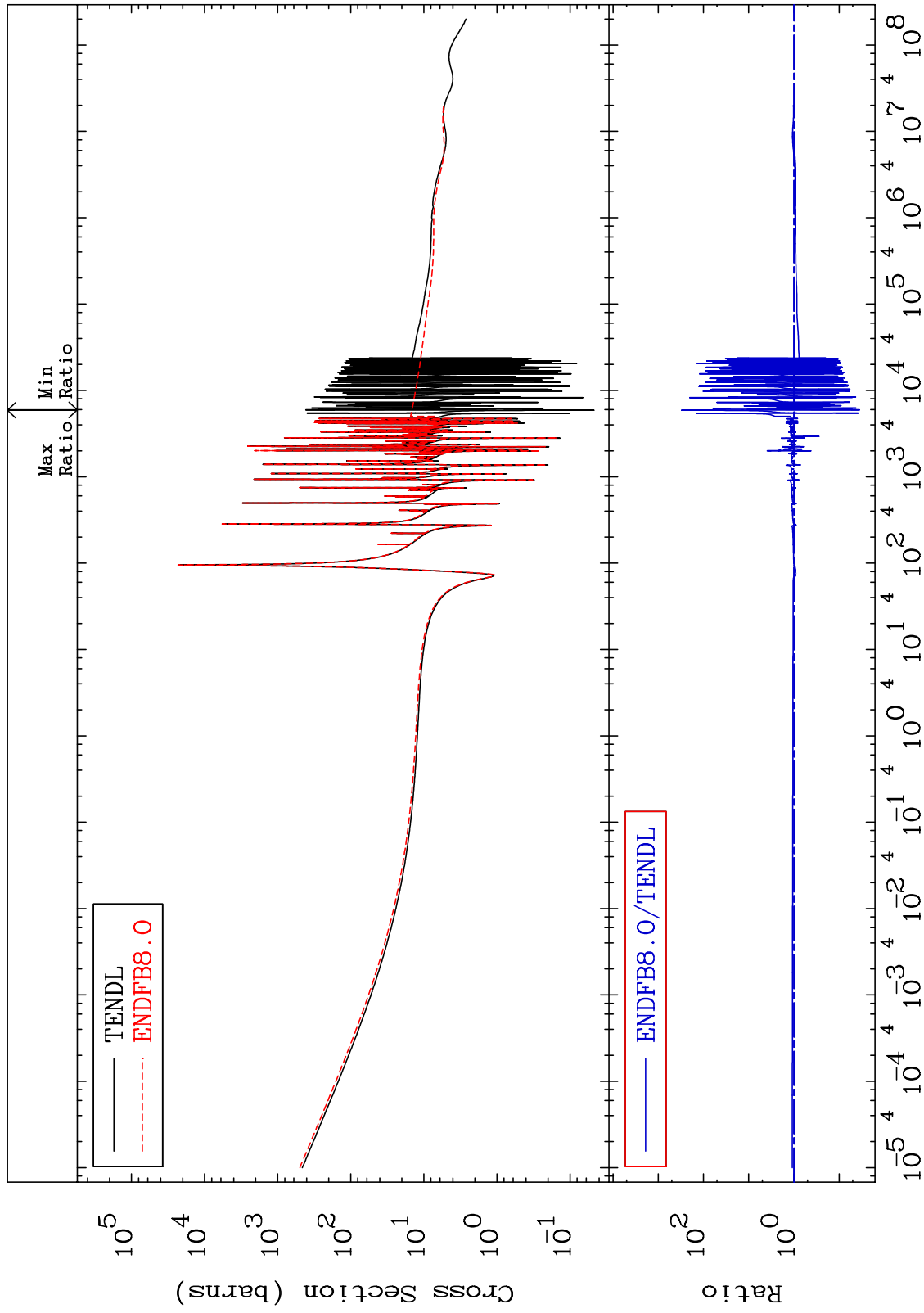
MAT 6849

Total

68-Er-170

Cross Section

-96.50 To 9999. %



Incident Energy (eV)

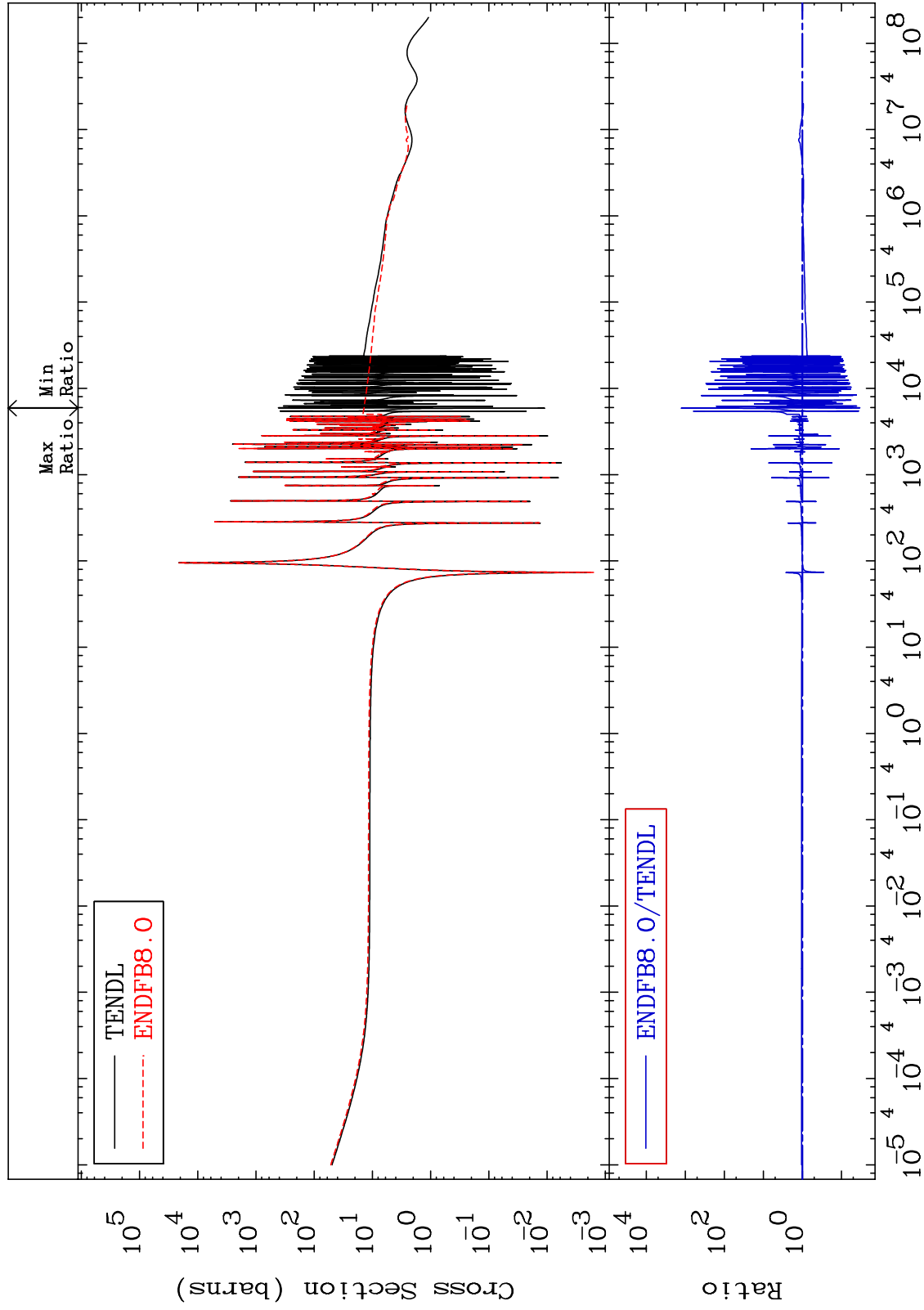
68-Er-170

1

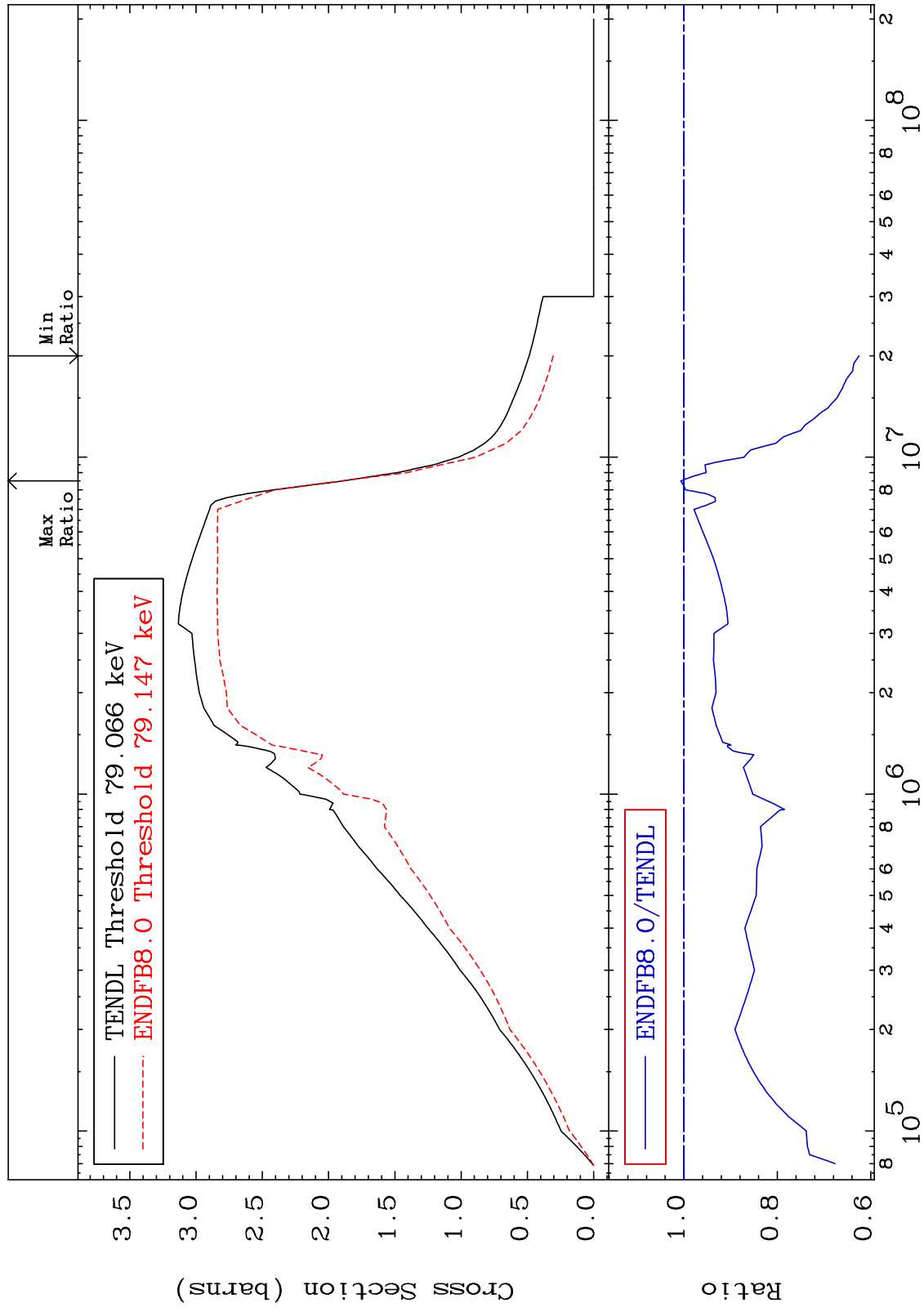
MAT 6849

Elastic
Cross Section

68-Er-170
-96.62 To 9999. %

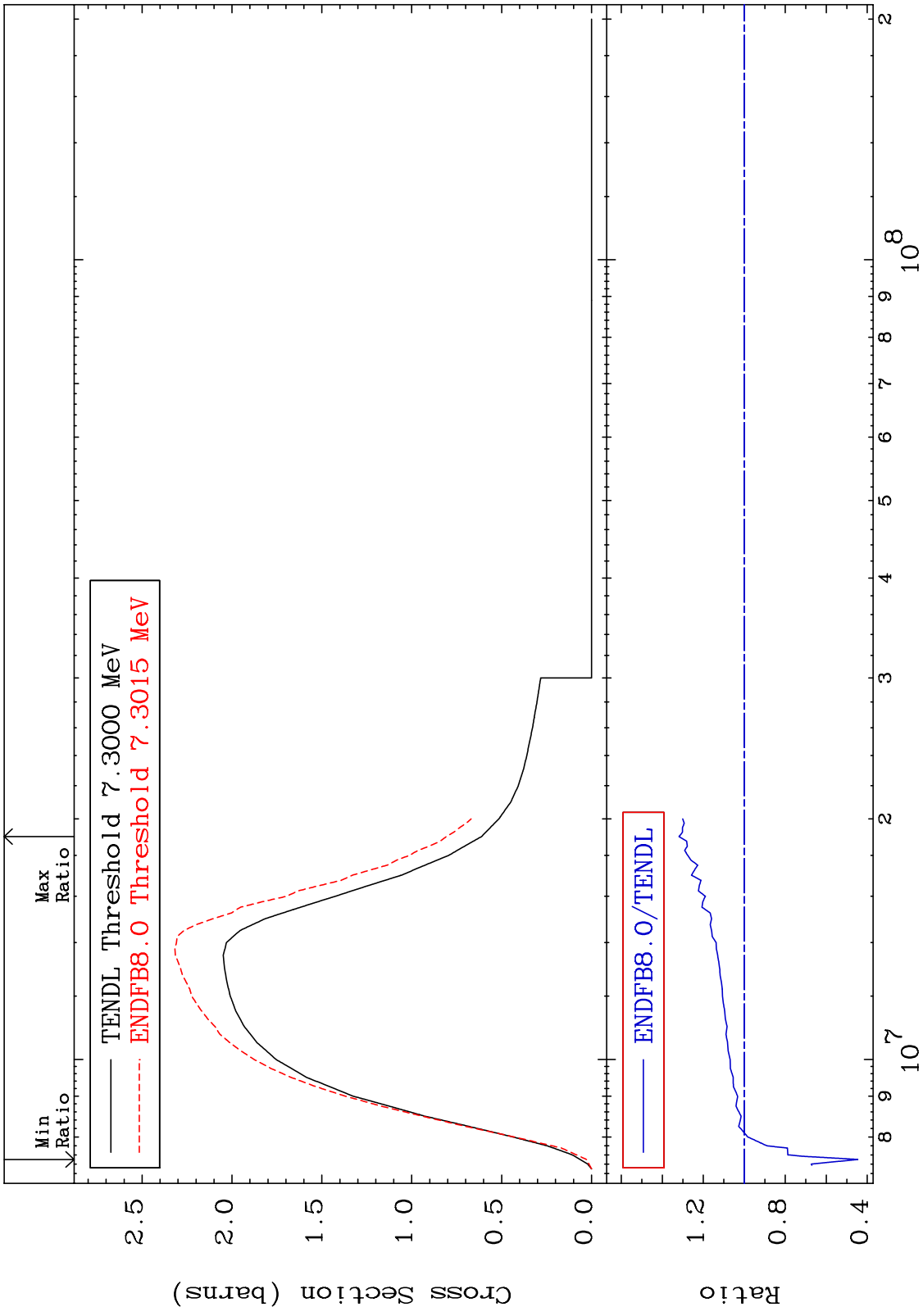


MAT 6849 Inelastic Cross Section 68-Er-170 -37.49 To 0.649 %

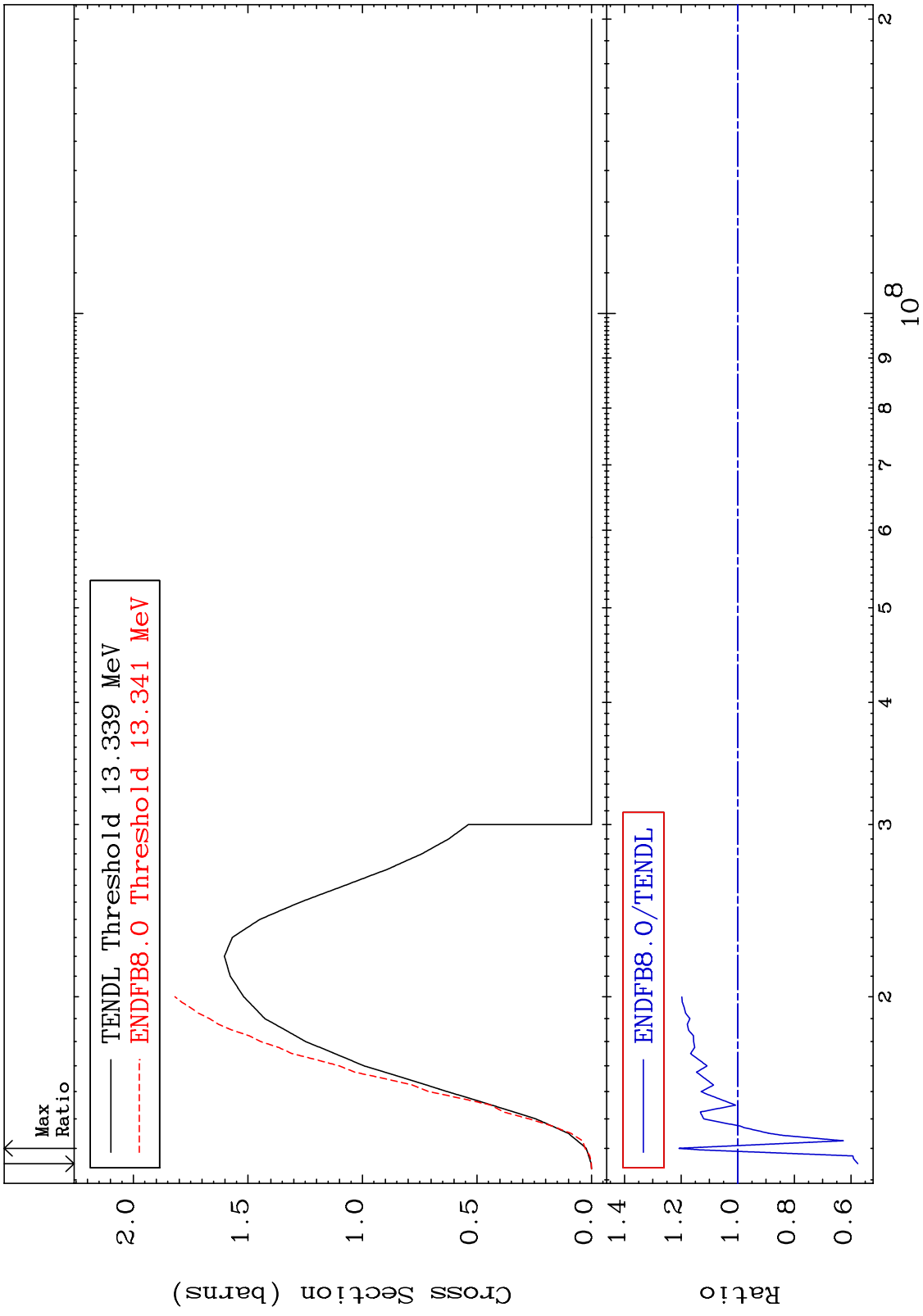


68-Er-170

MAT 6849 (n,2n) Cross Section 68-Er-170 -55.39 To 31.84 %



MAT 6849 (n,3n) Cross Section 68-Er-170 -42.42 To 20.74 %



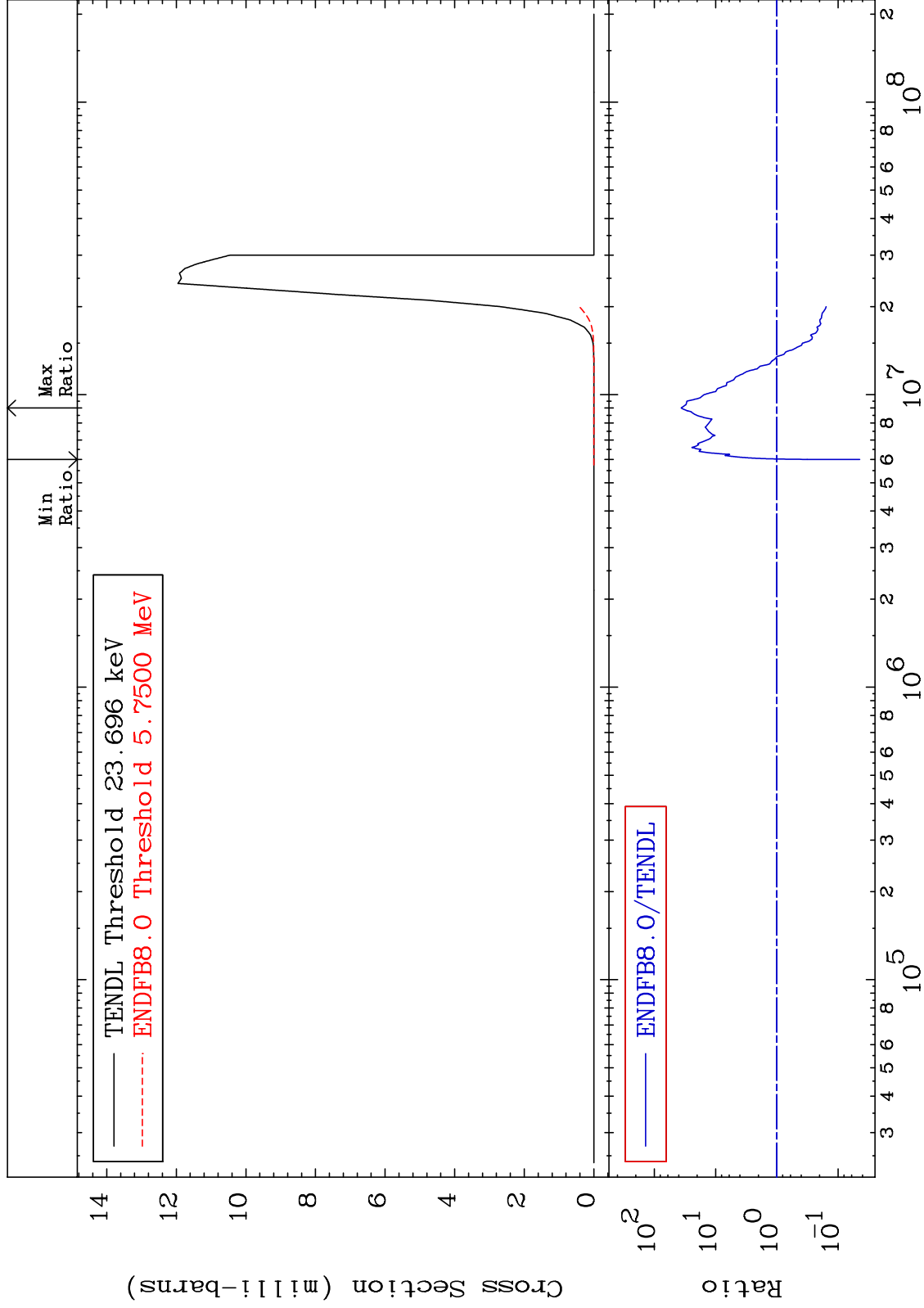
MAT 6849

(n, n') α

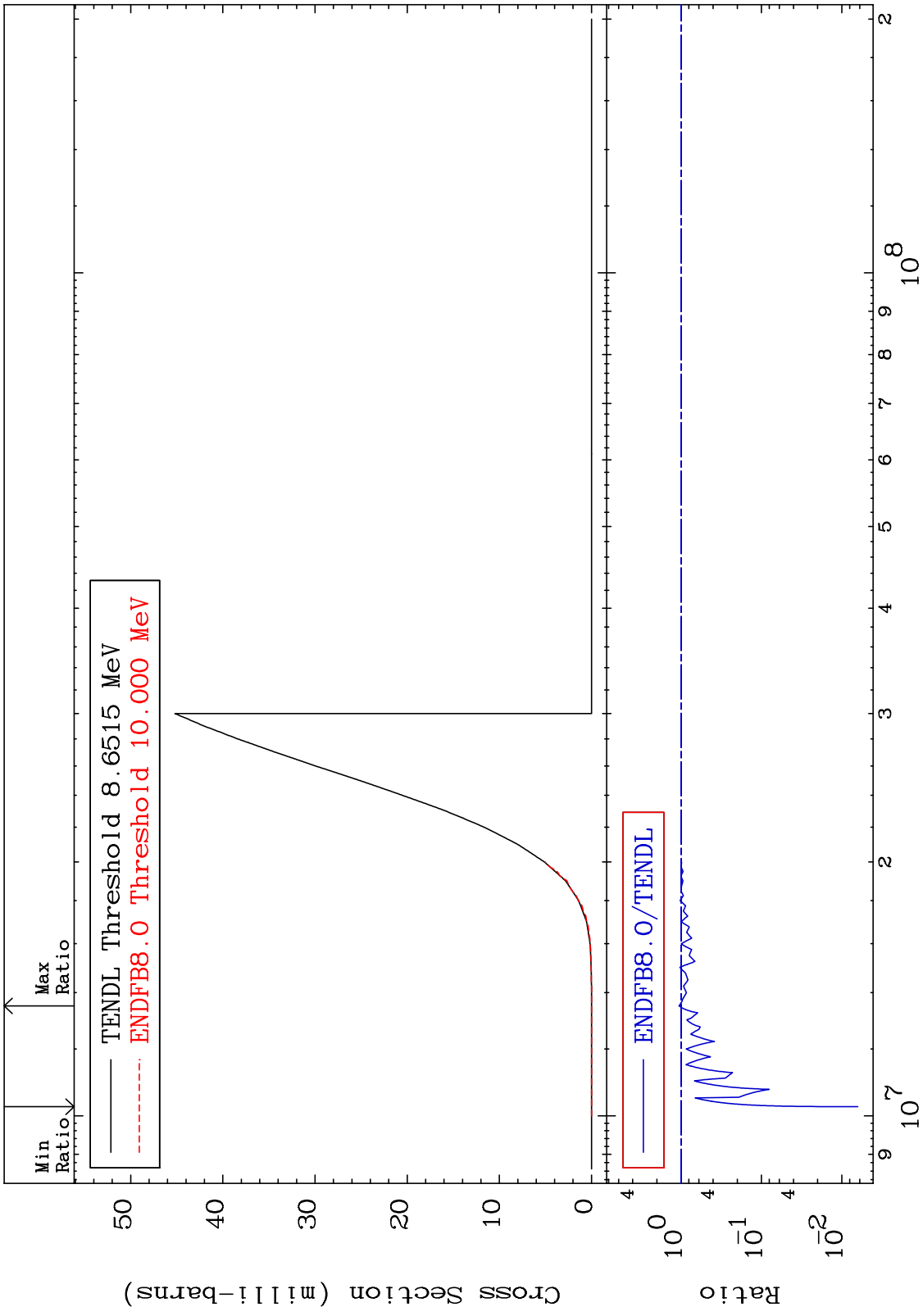
68-Er-170

Cross Section

-95.57 To 3534. %



MAT 6849 (n,n') p 68-Er-170
 Cross Section -99.37 To 6.080 %



7 Incident Energy (eV) 68-Er-170

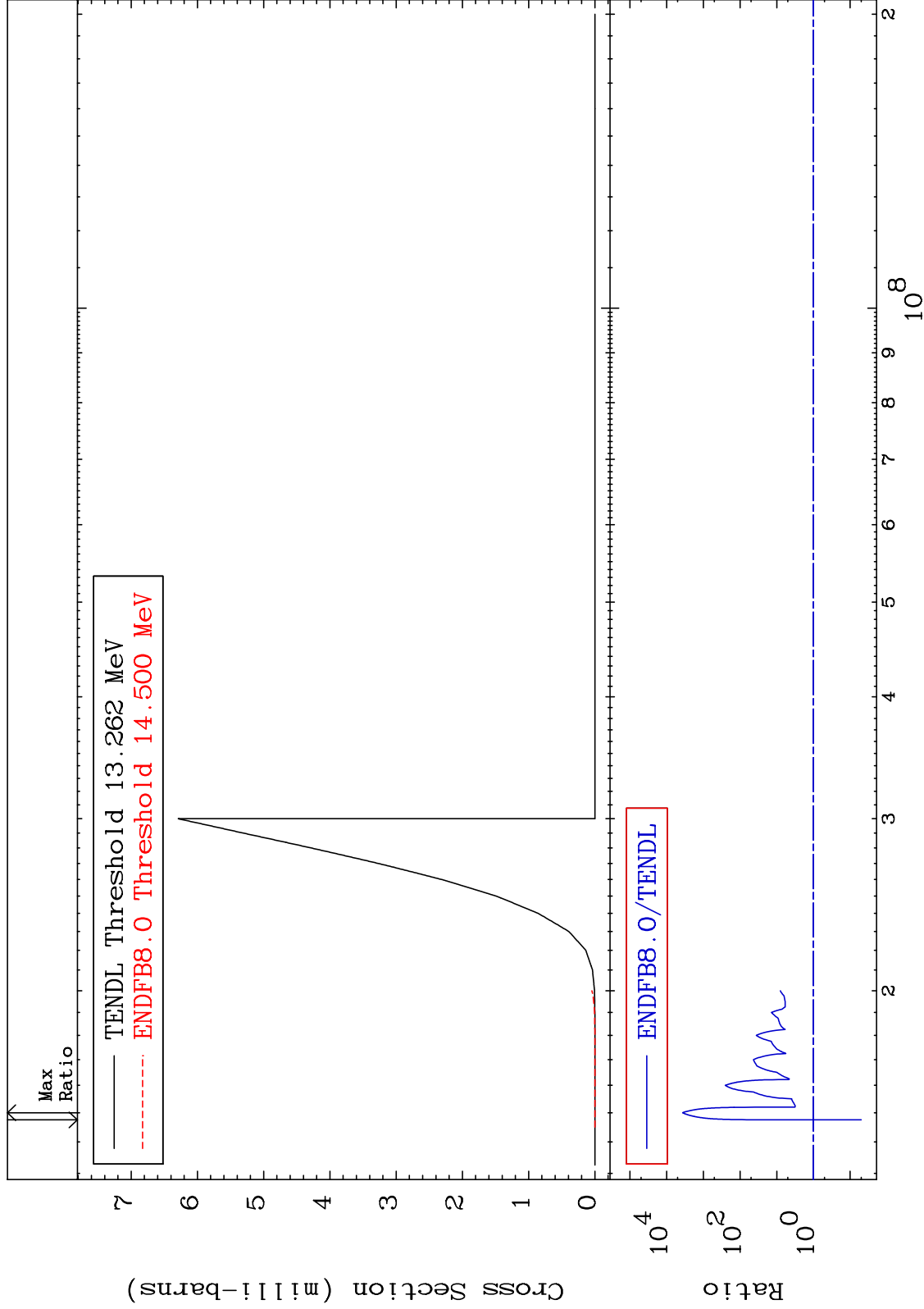
MAT 6849

(n, n') d

68-Er-170

Cross Section

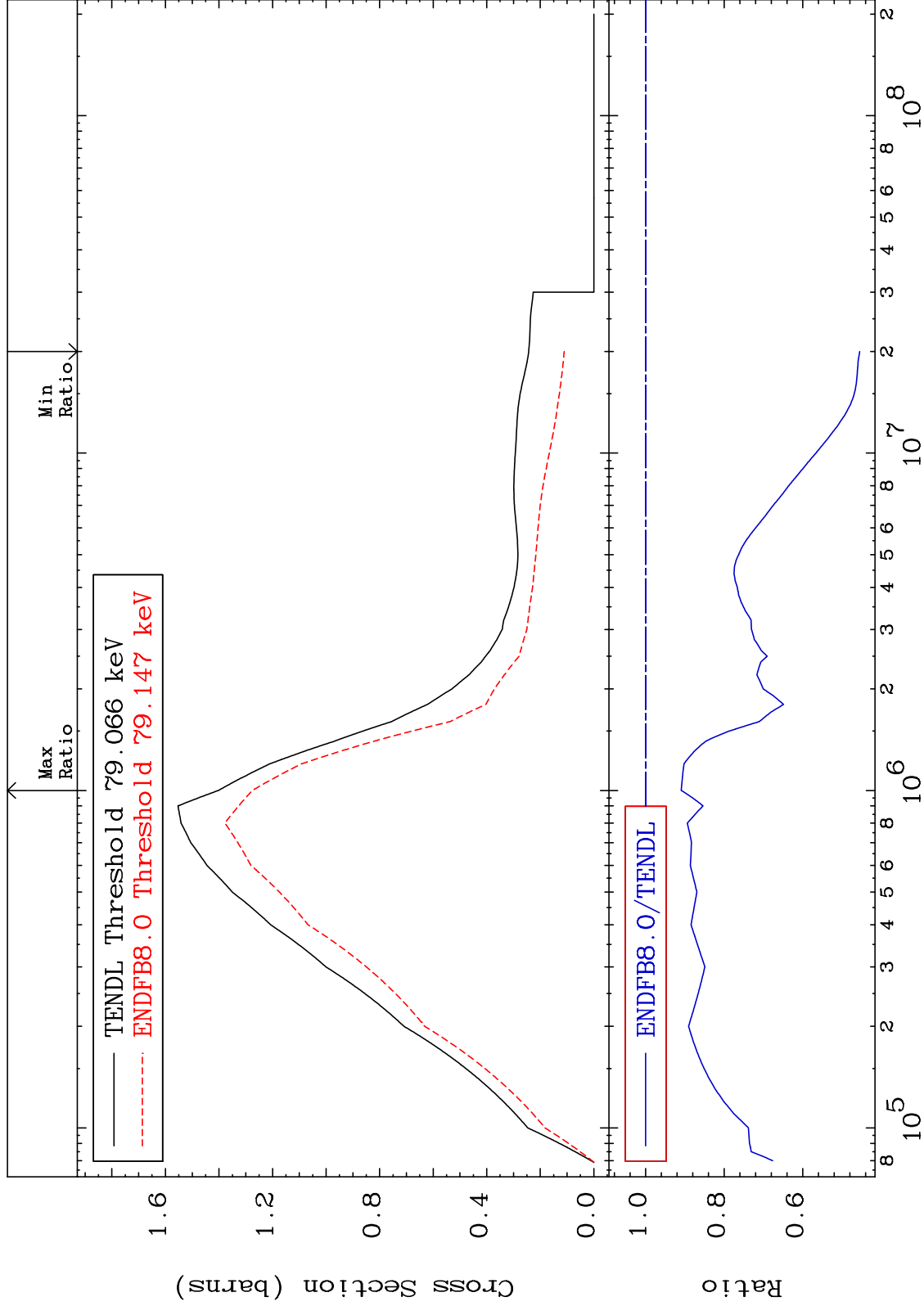
-95.02 To 9999. %



MAT 6849

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

68-Er-170
-54.53 To -9.055%

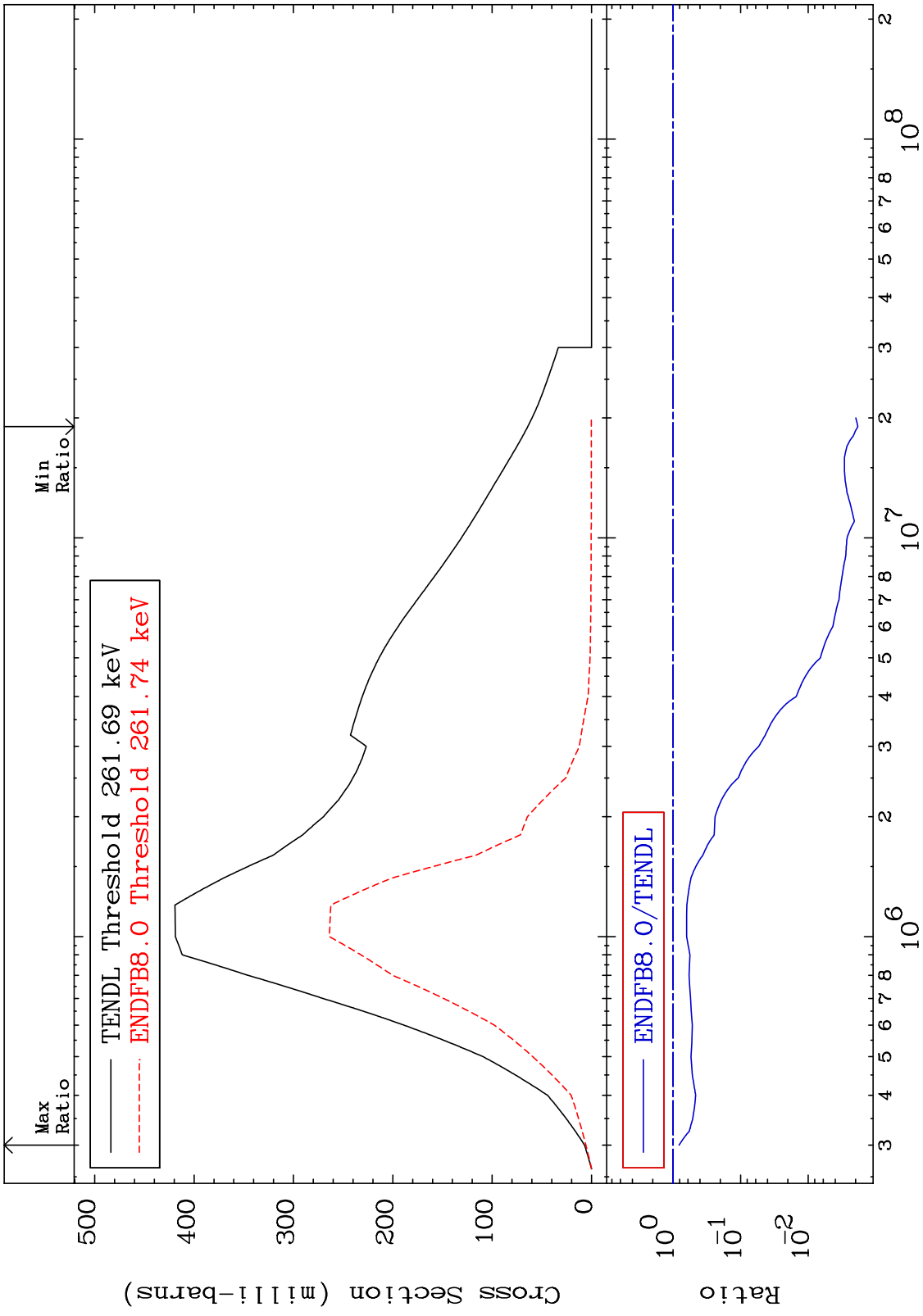


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Incident Energy (eV)

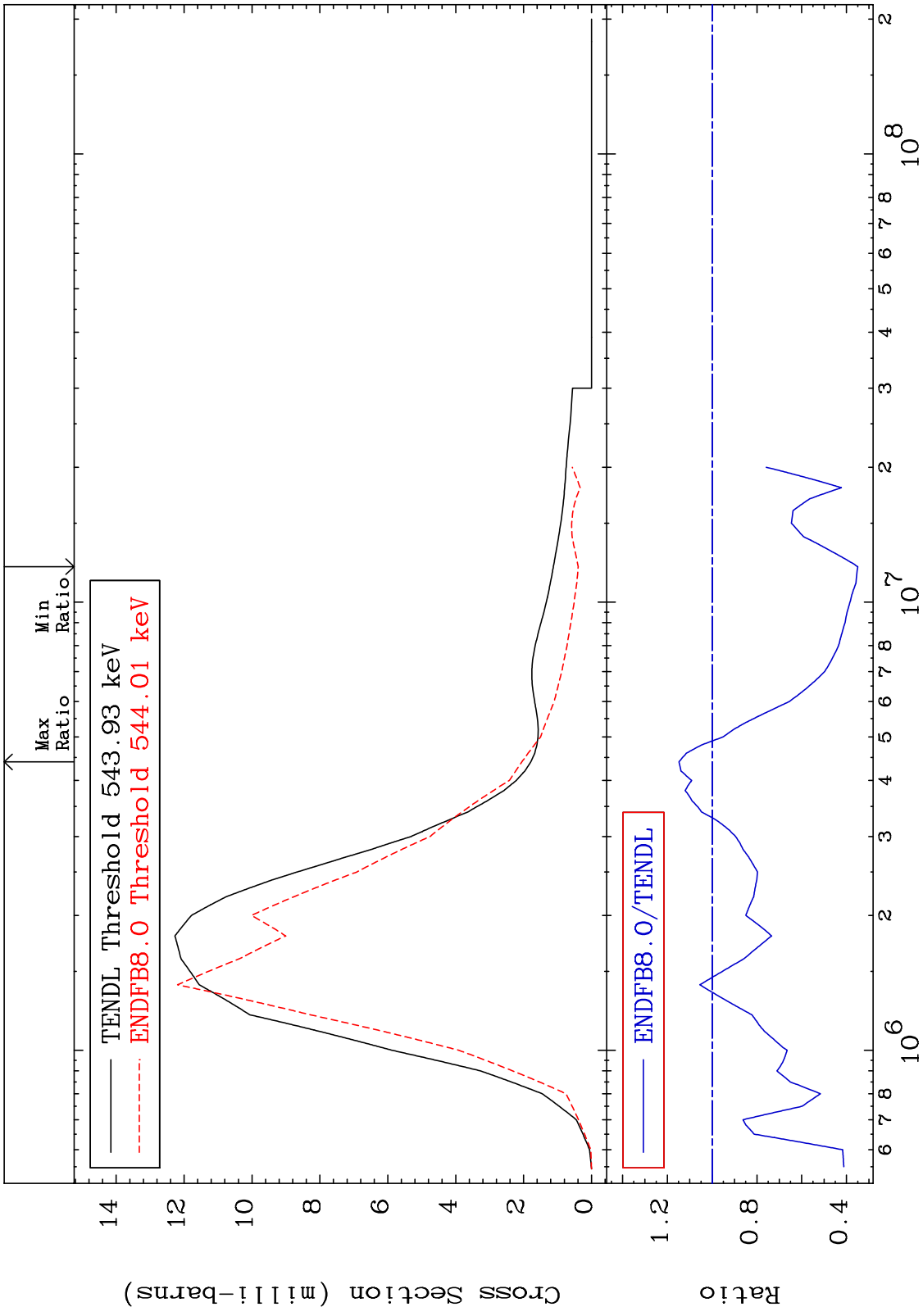
68-Er-170

MAT 6849 MT= 52 (n,n') Level Cross Section 68-Er-170
 -99.82 To -18.53%

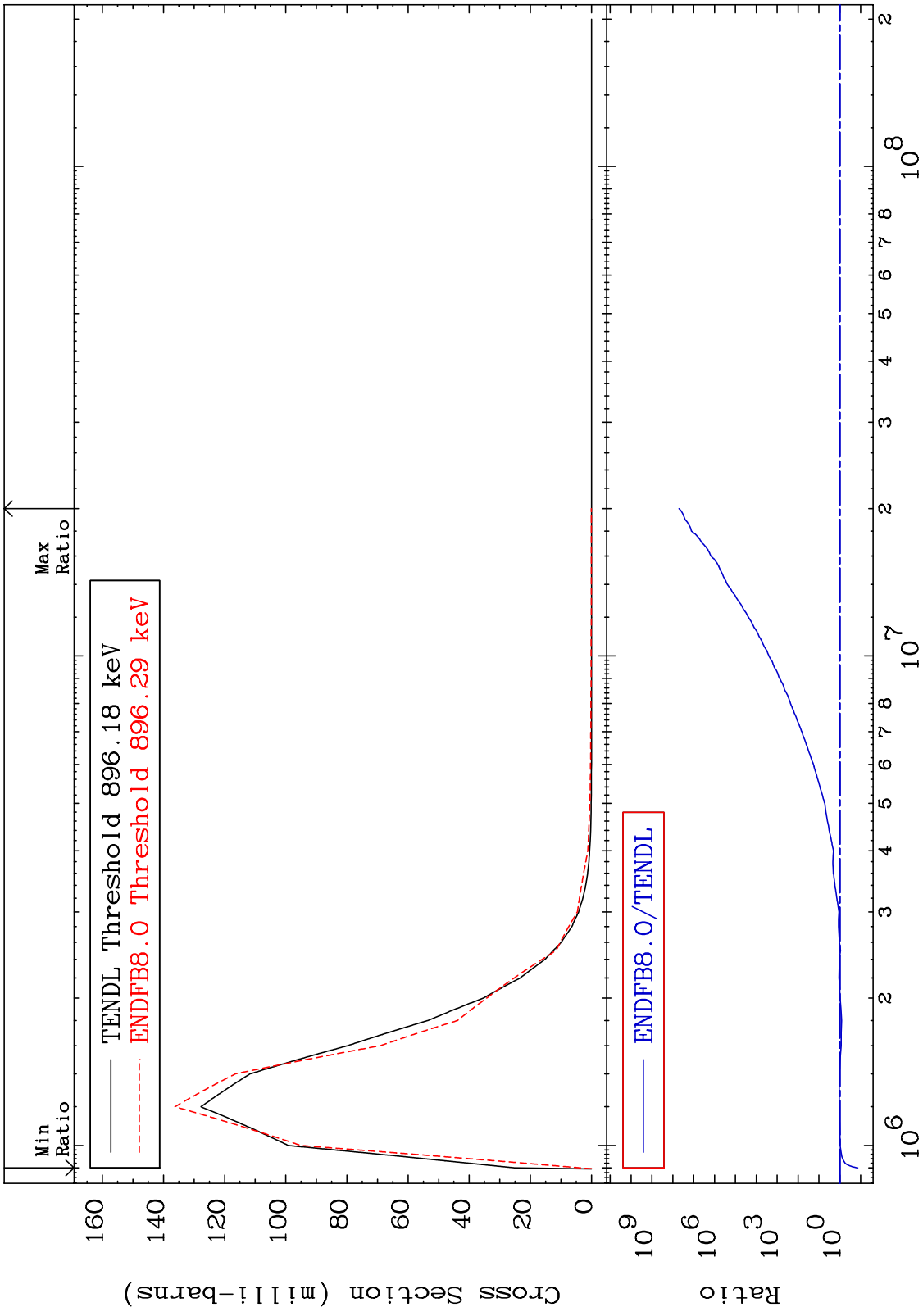


10 Incident Energy (eV) 68-Er-170

MAT 6849 MT= 53 (n,n') Level 68-Er-170
 Cross Section -65.07 To 14.78 %

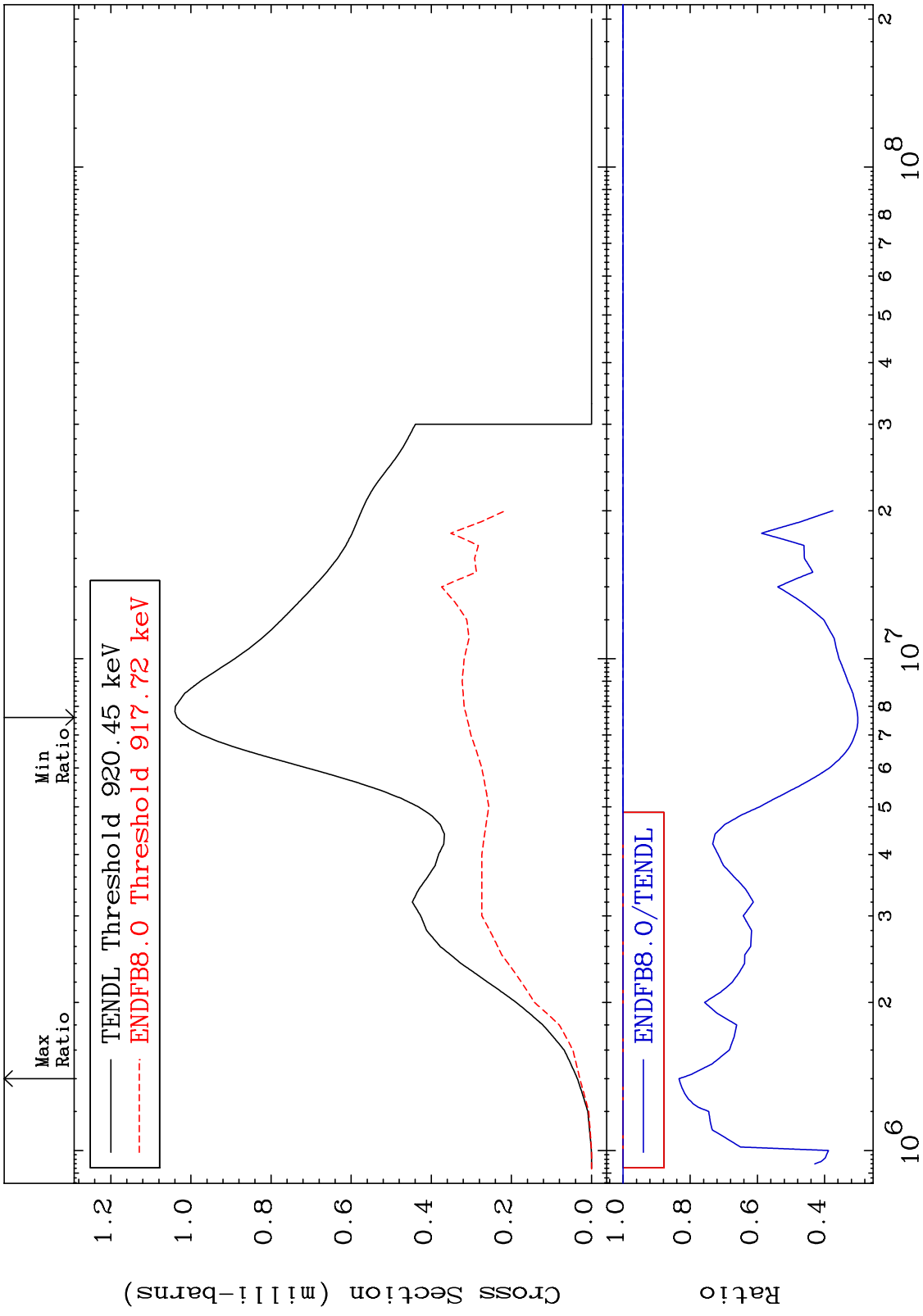


MAT 6849 MT= 54 (n,n') Level 68-Er-170
 Cross Section -86.38 To 9999. %

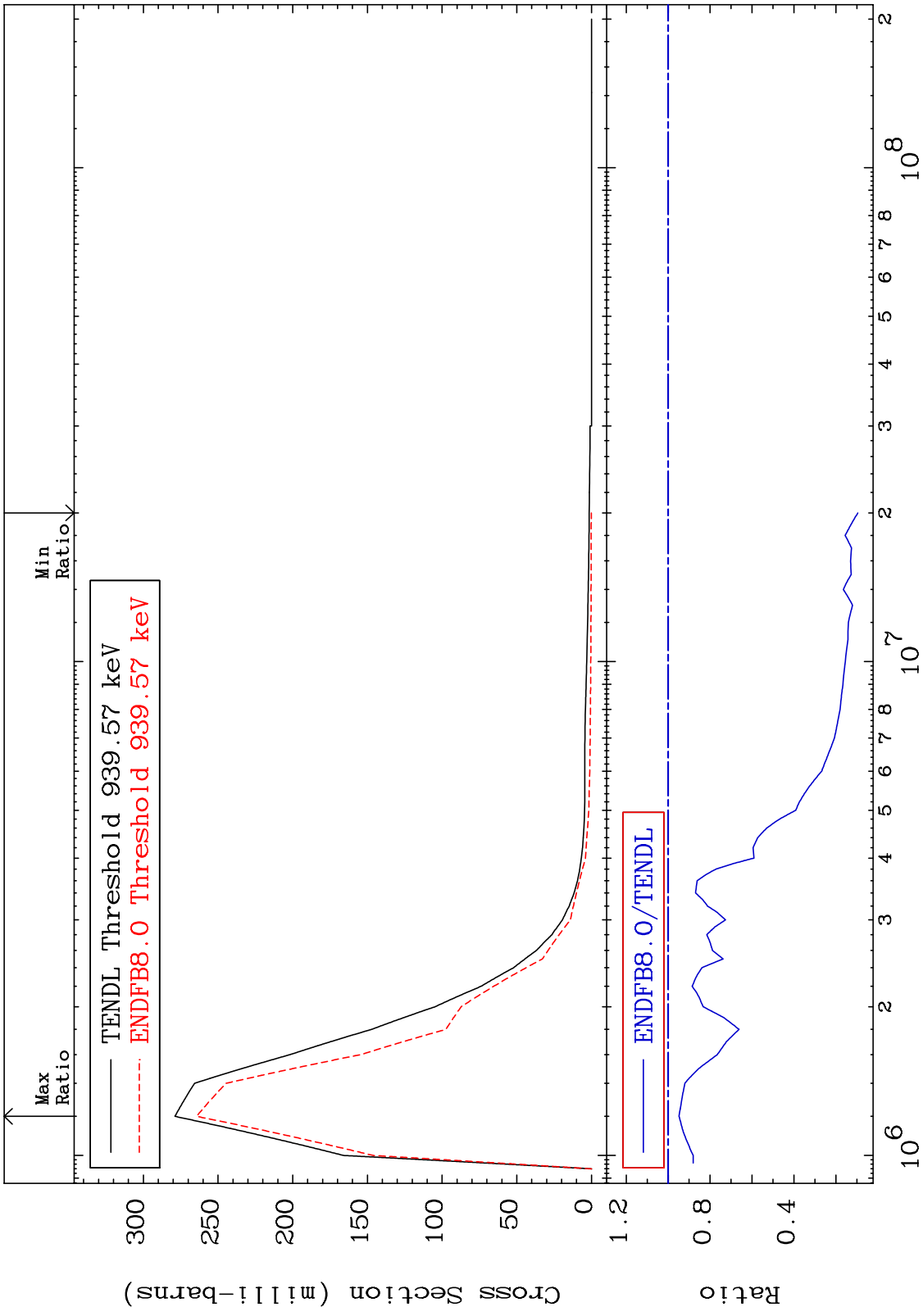


12 Incident Energy (eV) 68-Er-170

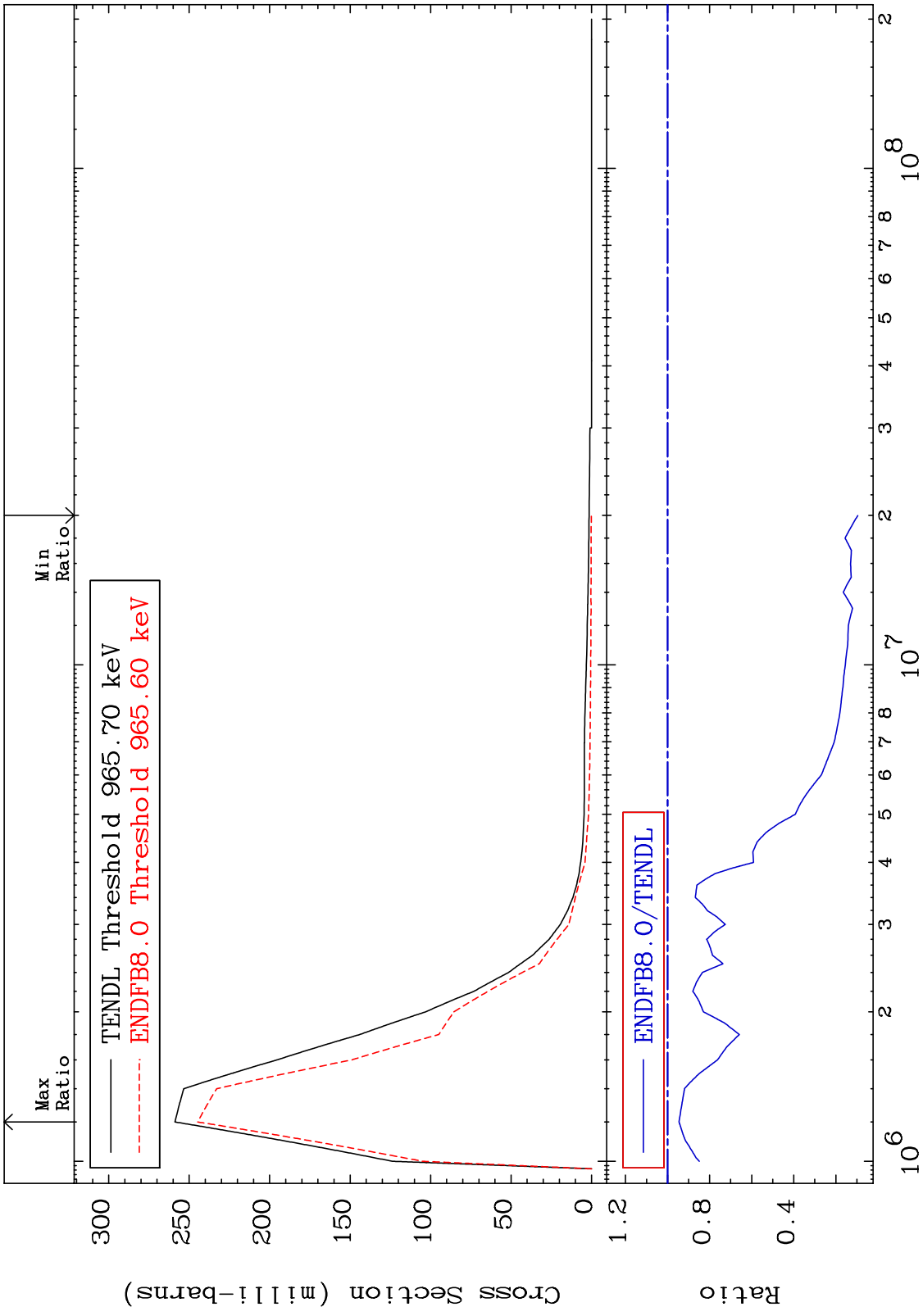
MAT 6849 MT= 55 (n,n') Level 68-Er-170
 Cross Section -69.92 To -16.67%



MAT 6849 MT= 56 (n,n') Level Cross Section 68-Er-170
-90.46 To -5.192%

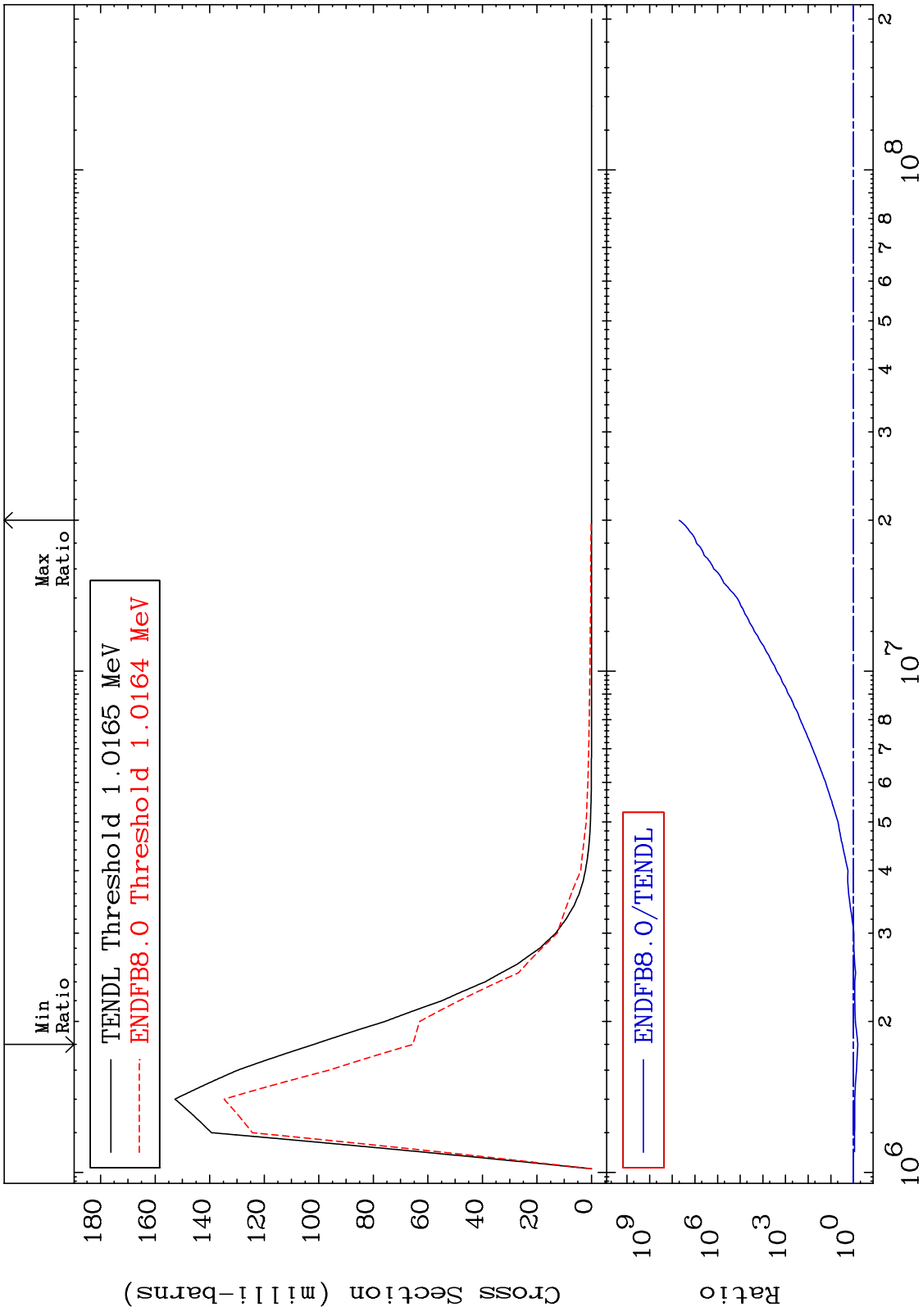


MAT 6849 MT= 57 (n,n') Level Cross Section 68-Er-170
-90.46 To -5.462%



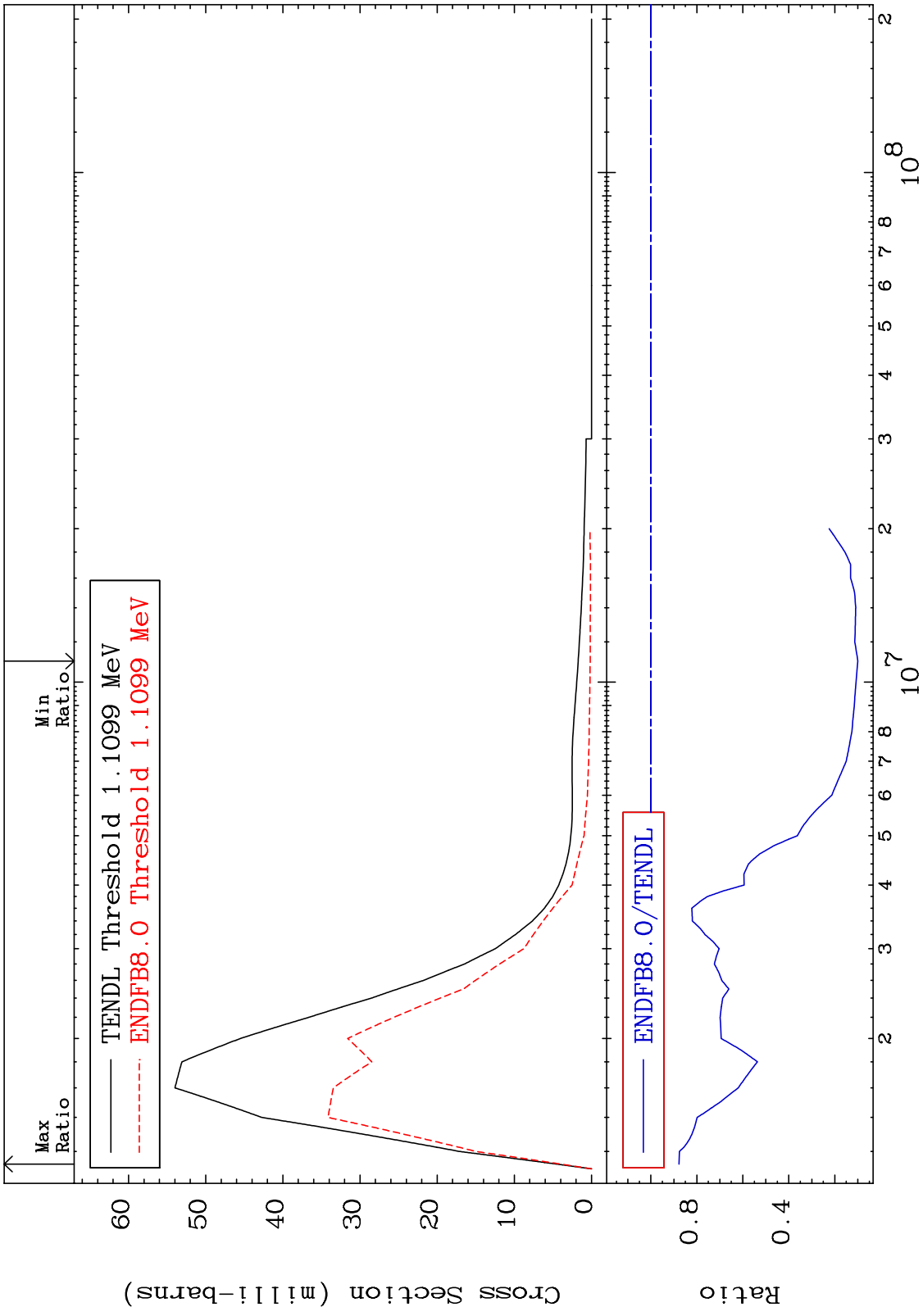
15 Incident Energy (eV) 68-Er-170

MAT 6849 MT= 58 (n,n') Level Cross Section 68-Er-170
 -35.69 To 9999. %

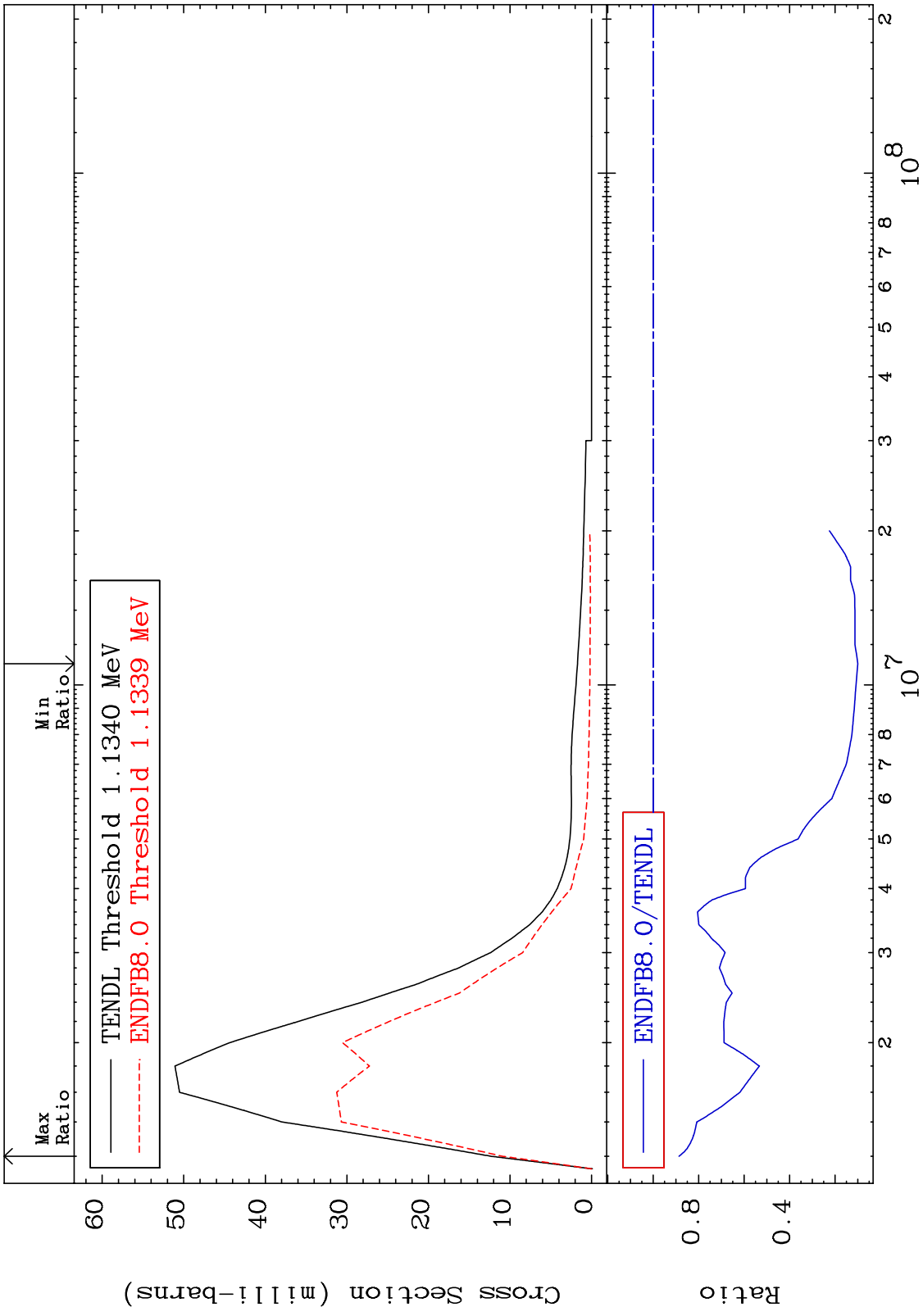


16 Incident Energy (eV) 68-Er-170

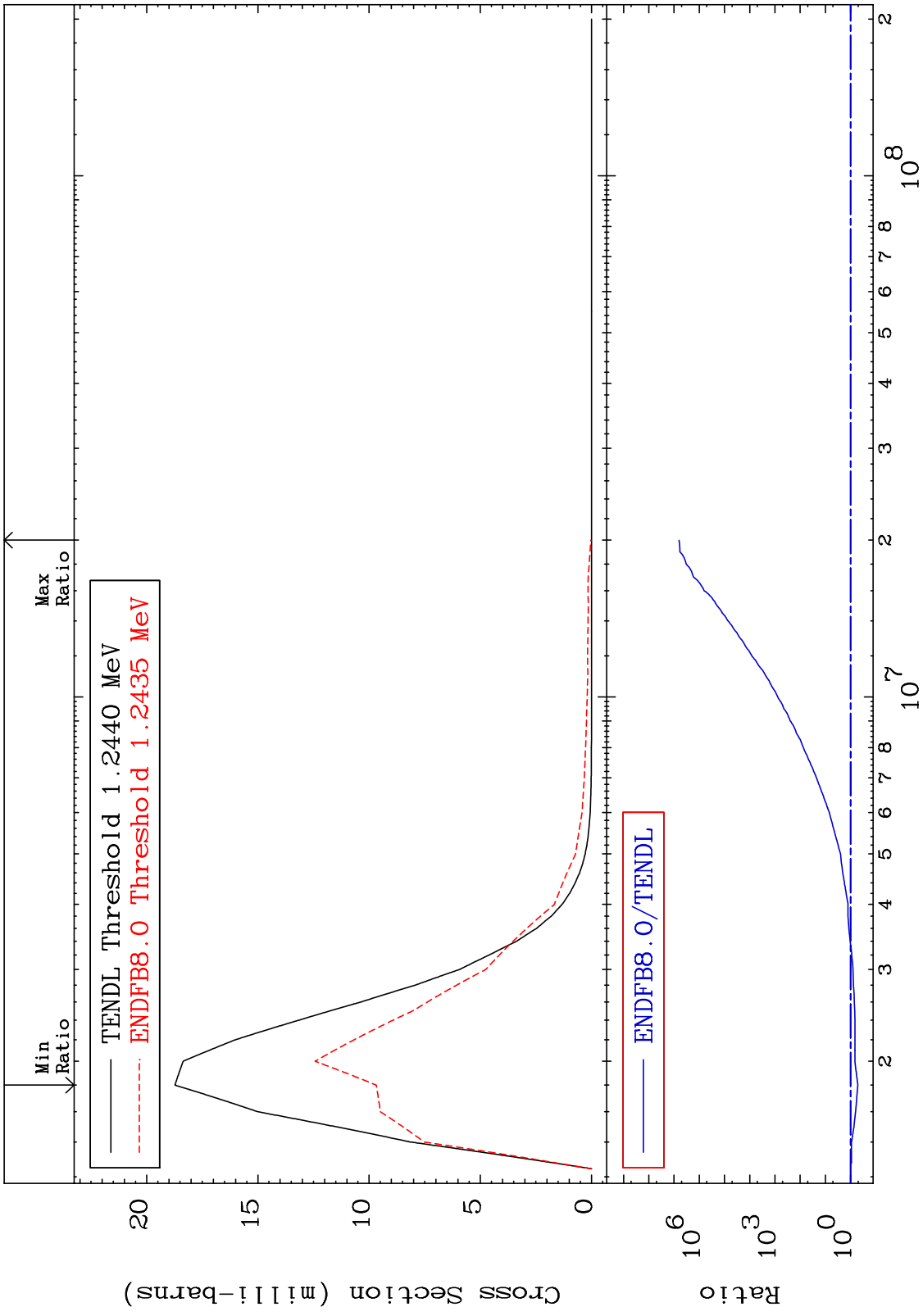
MAT 6849 MT= 59 (n,n') Level Cross Section 68-Er-170
 -90.02 To -12.26%



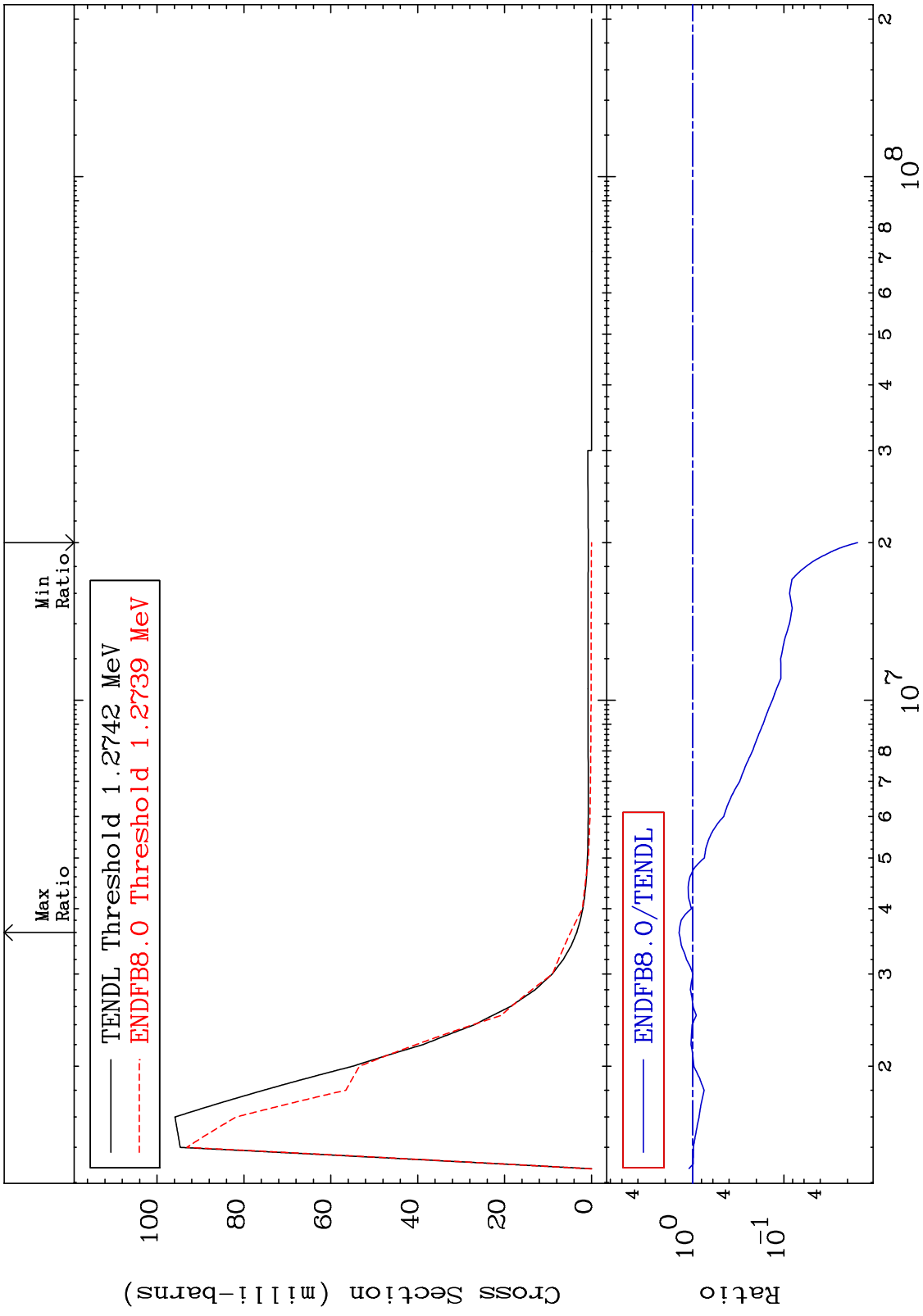
MAT 6849 MT= 60 (n,n') Level Cross Section 68-Er-170
 -90.02 To -11.35%



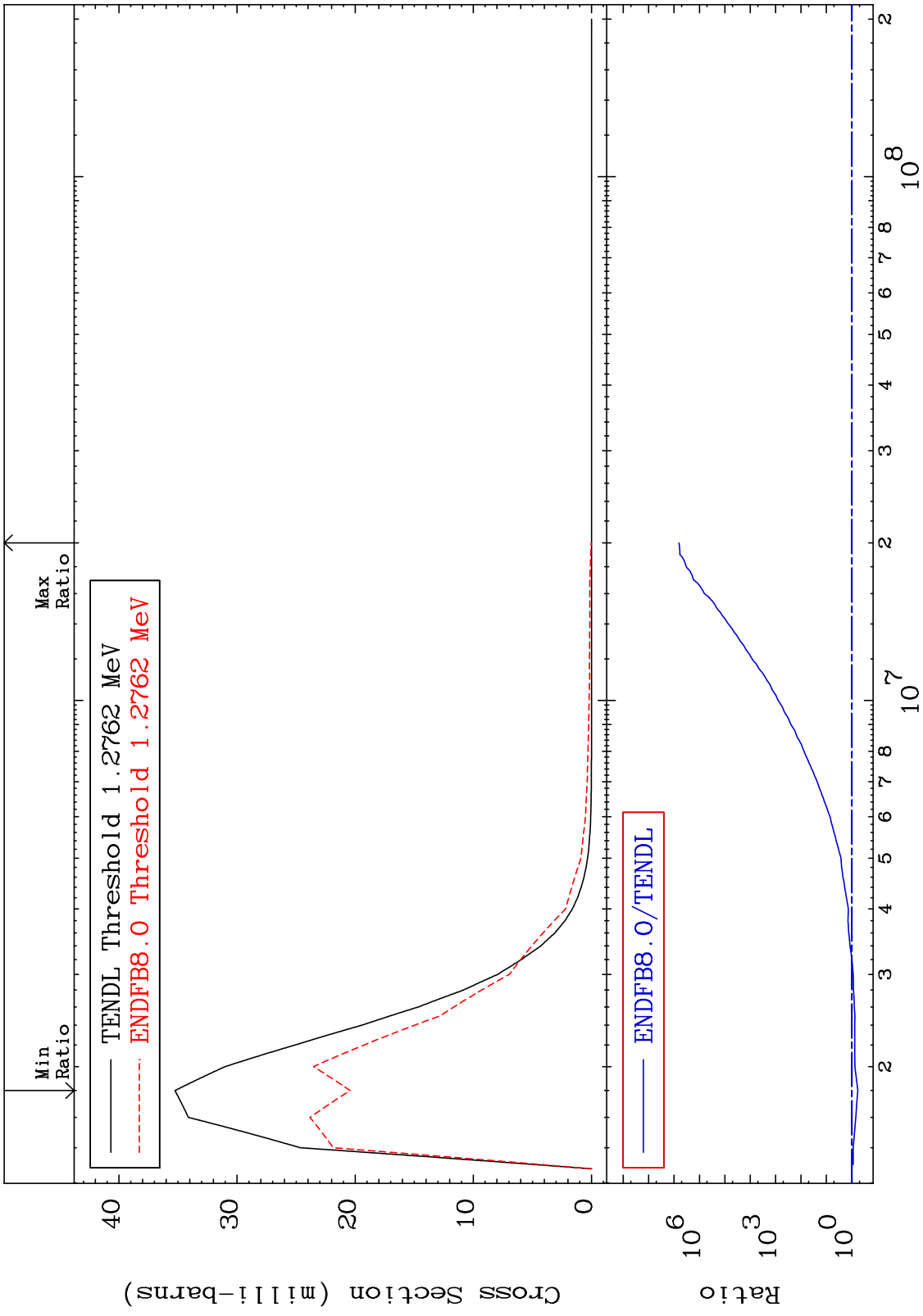
MAT 6849 MT= 62 (n,n') Level Cross Section 68-Er-170
 -48.35 To 9999. %



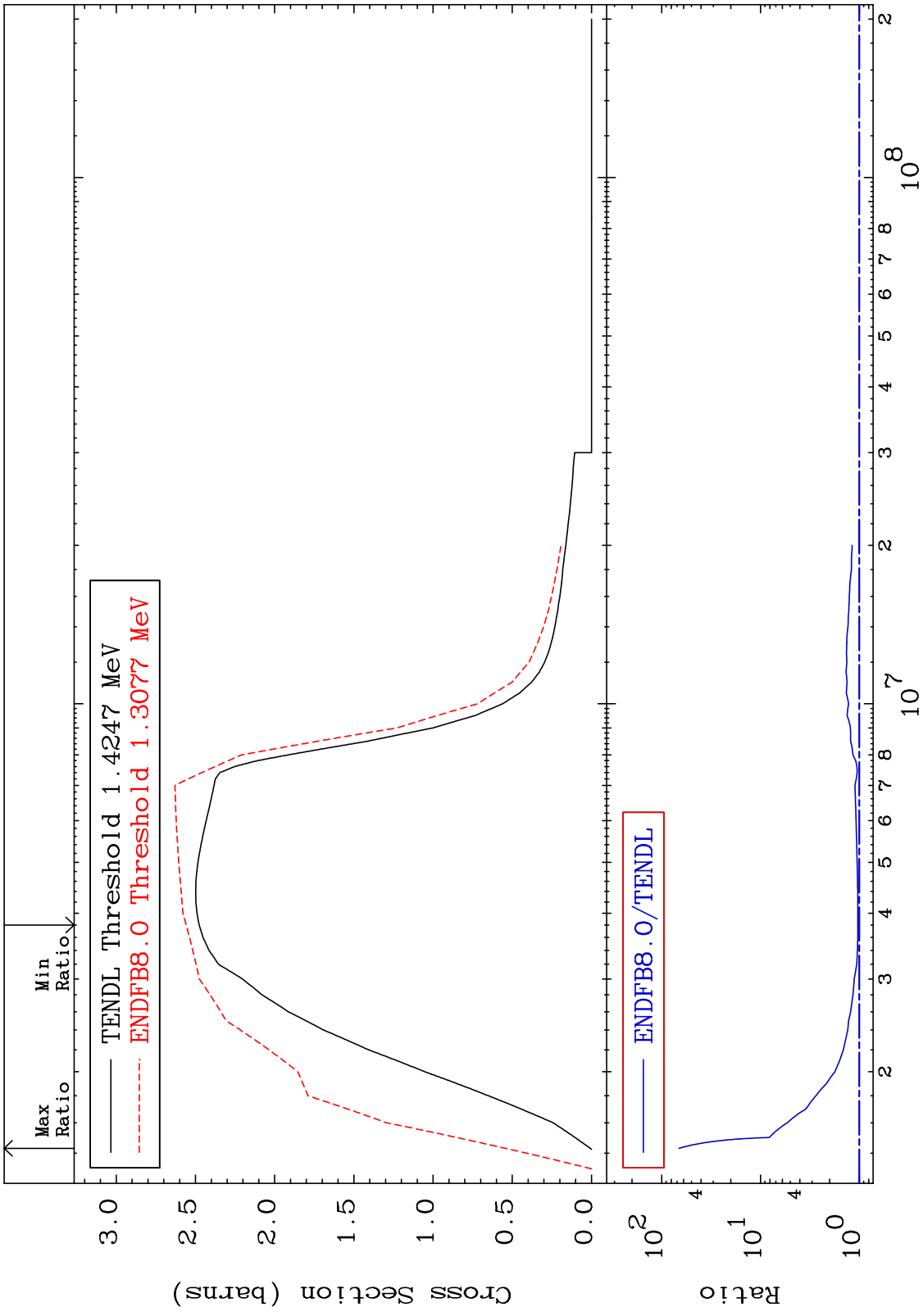
MAT 6849 MT= 63 (n,n') Level Cross Section 68-Er-170 -98.46 To 41.27 %



MAT 6849 MT= 64 (n,n') Level Cross Section 68-Er-170
 -42.07 To 9999. %



MAT 6849 (n,n') Continuum Cross Section 68-Er-170 3.301 To 6568. %



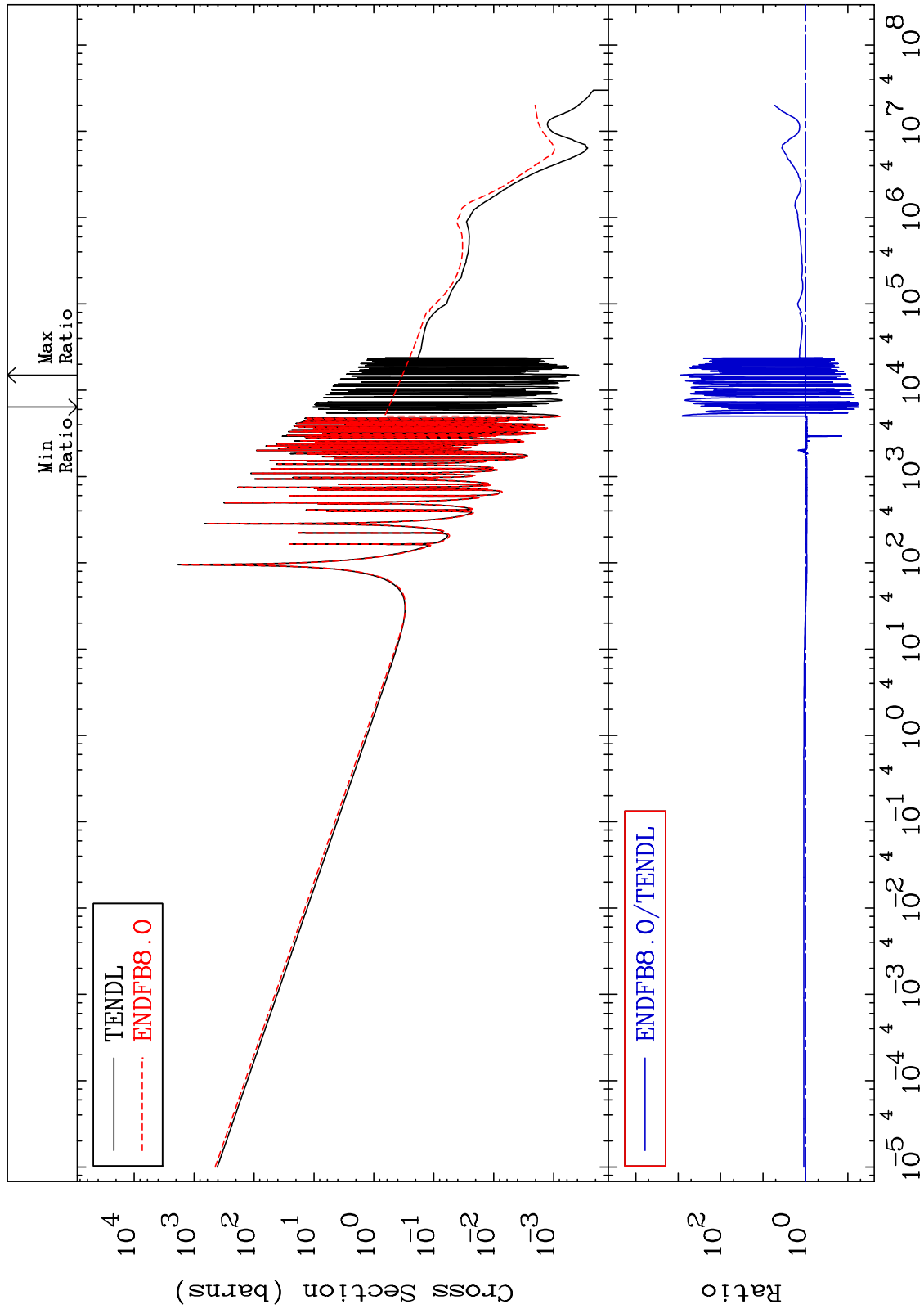
MAT 6849

(n, γ)

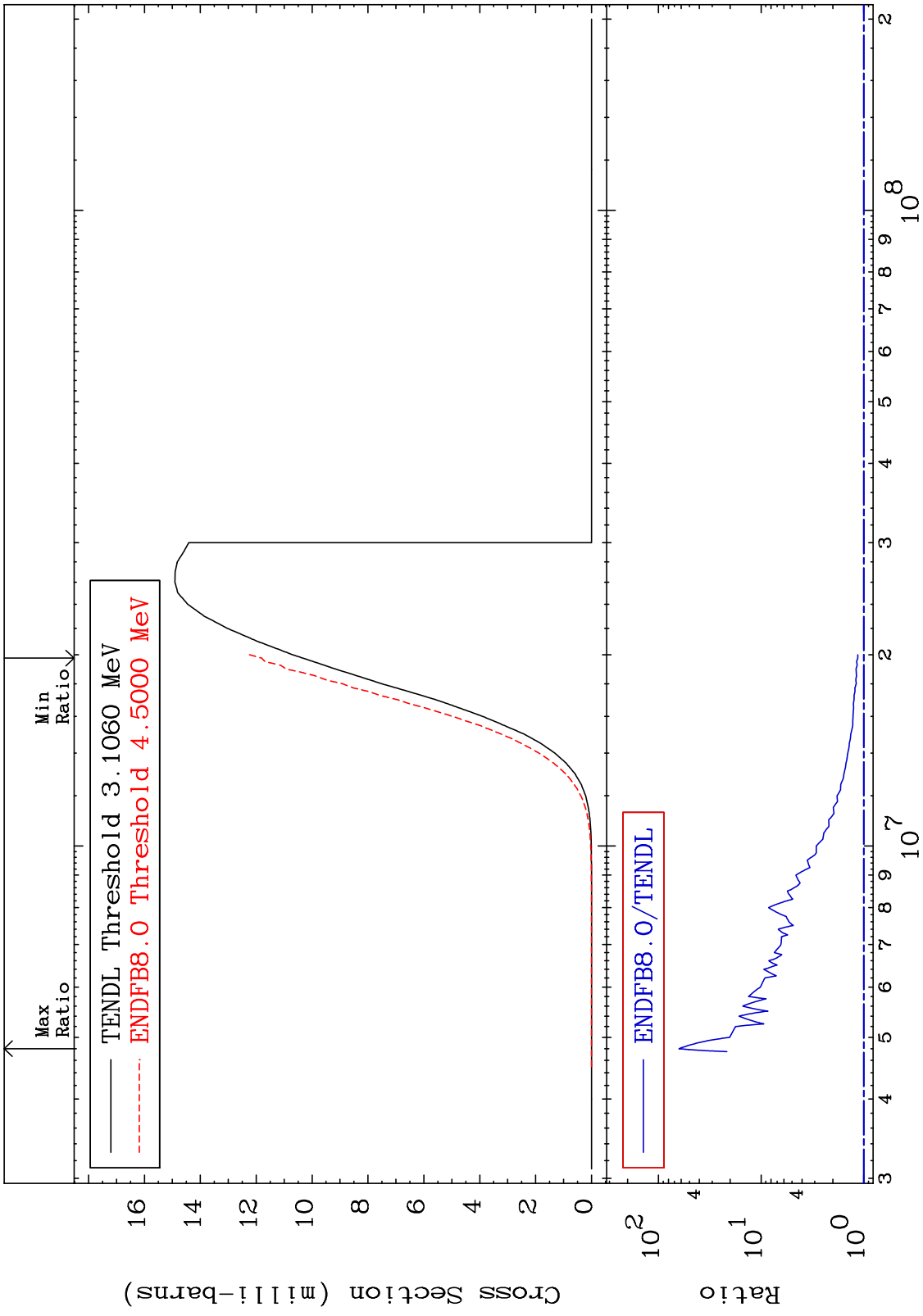
68-Er-170

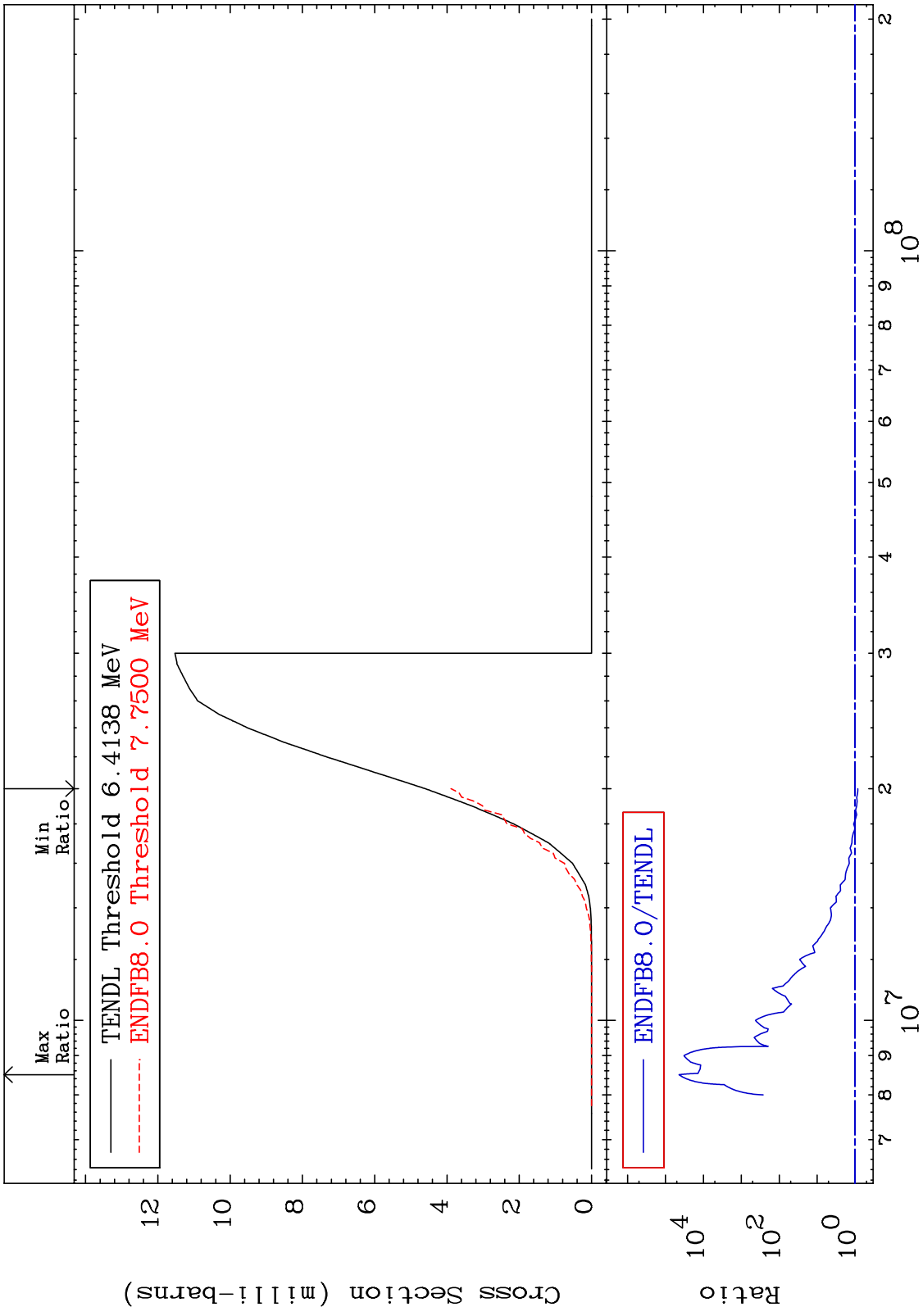
Cross Section

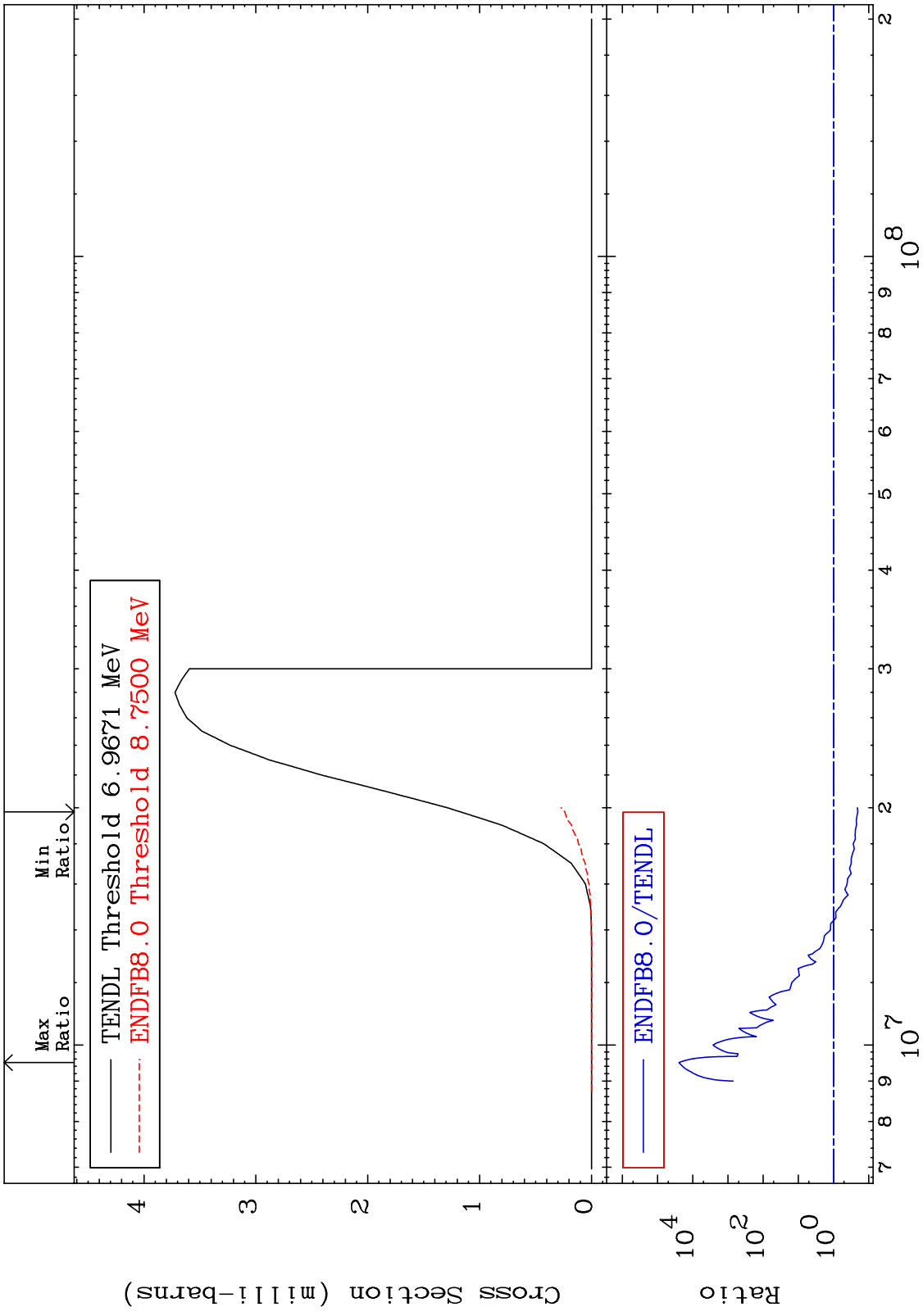
-94.57 To 9999. %



MAT 6849 (n,p) Cross Section 68-Er-170 14.30 To 6205. %







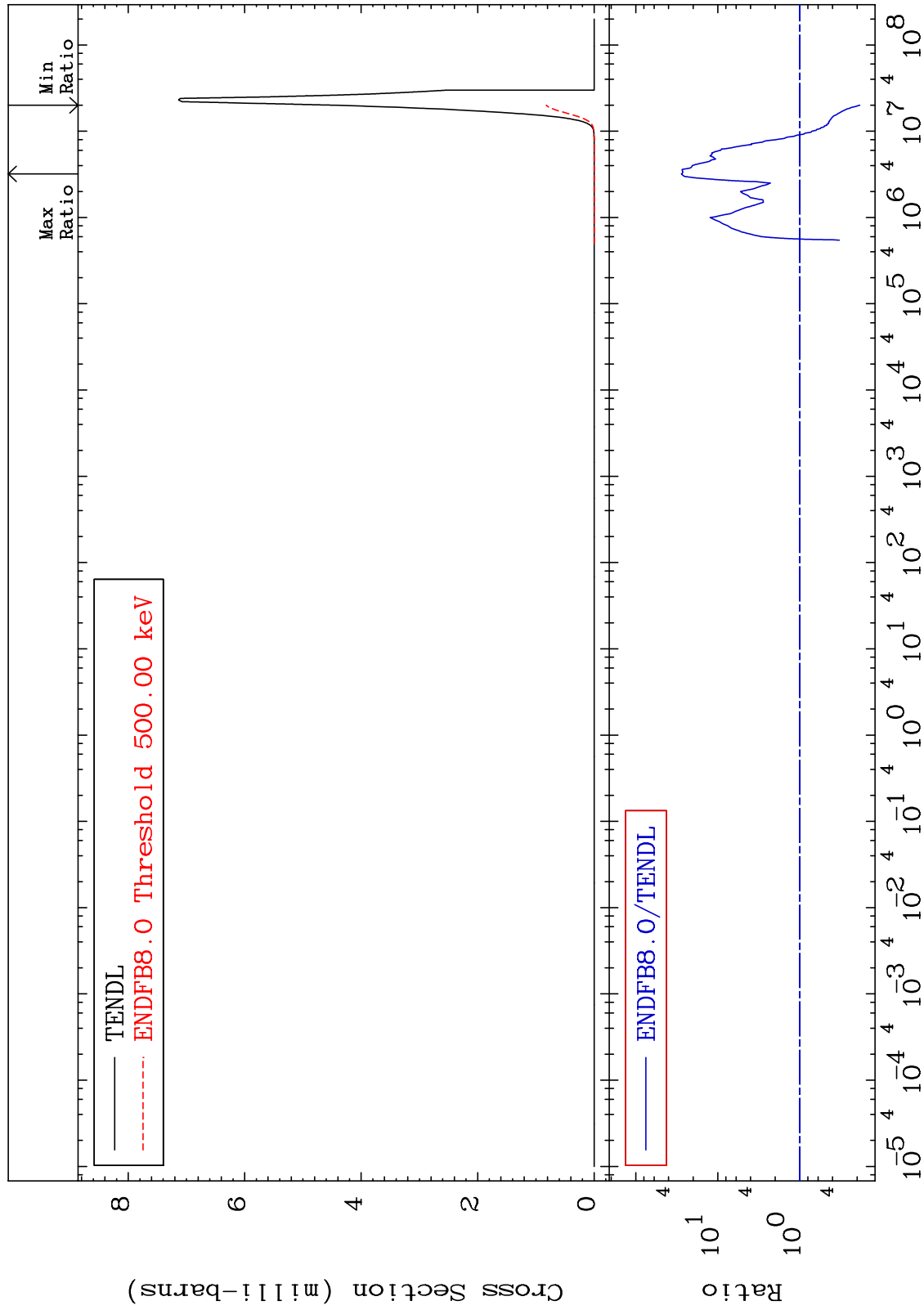
MAT 6849

(n, α)

68-Er-170

Cross Section

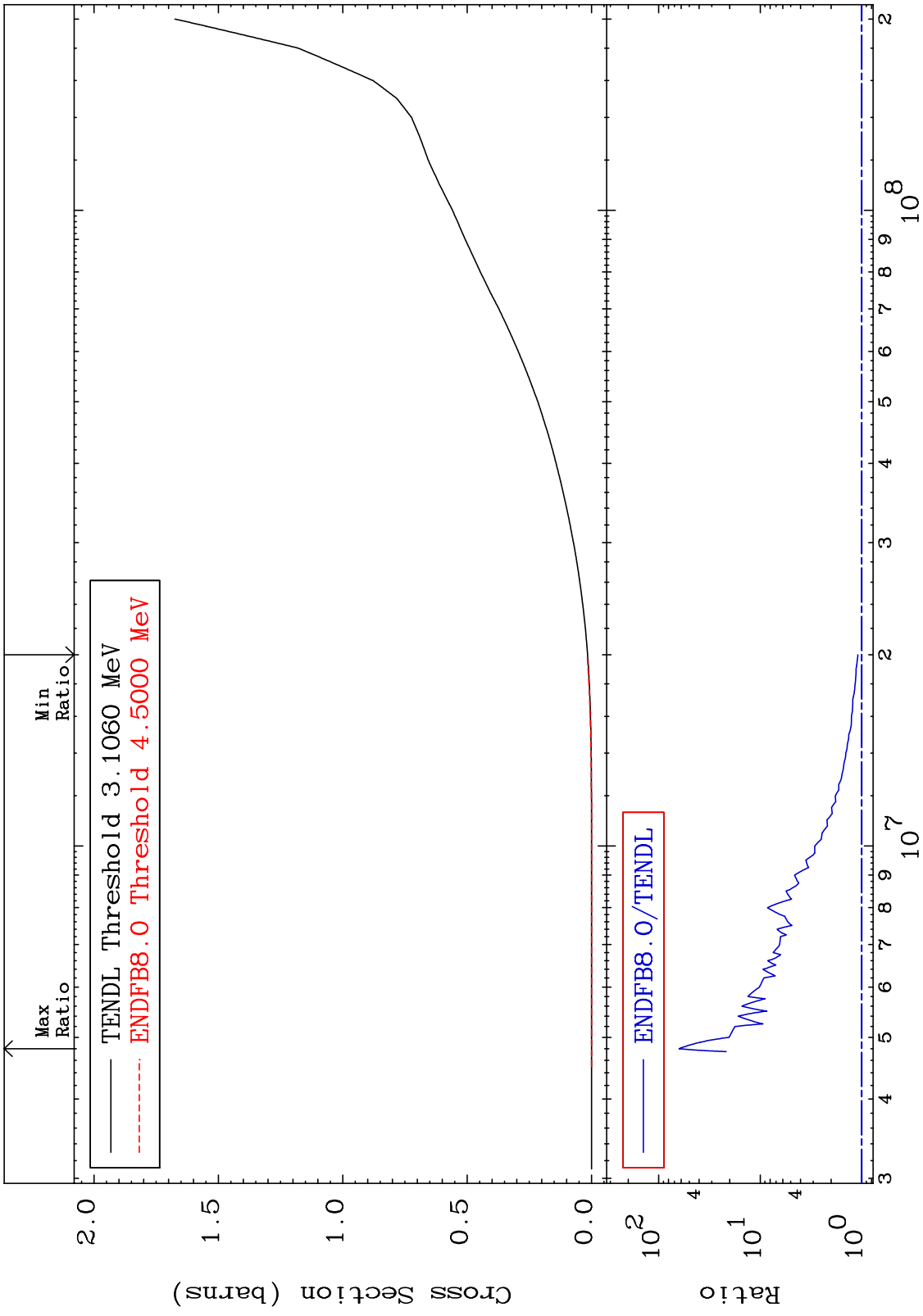
-81.44 To 2678. %



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Incident Energy (eV)

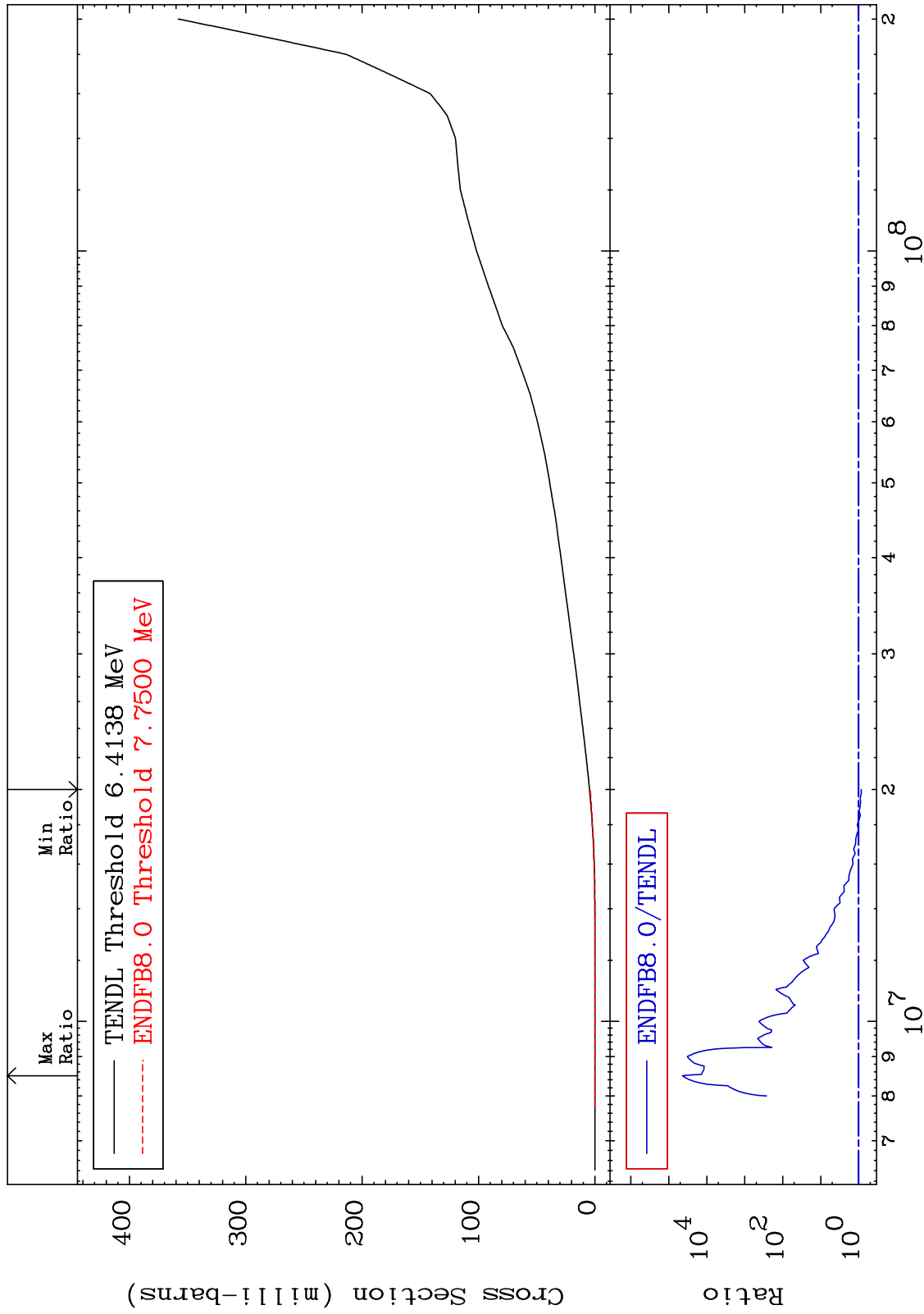
68-Er-170

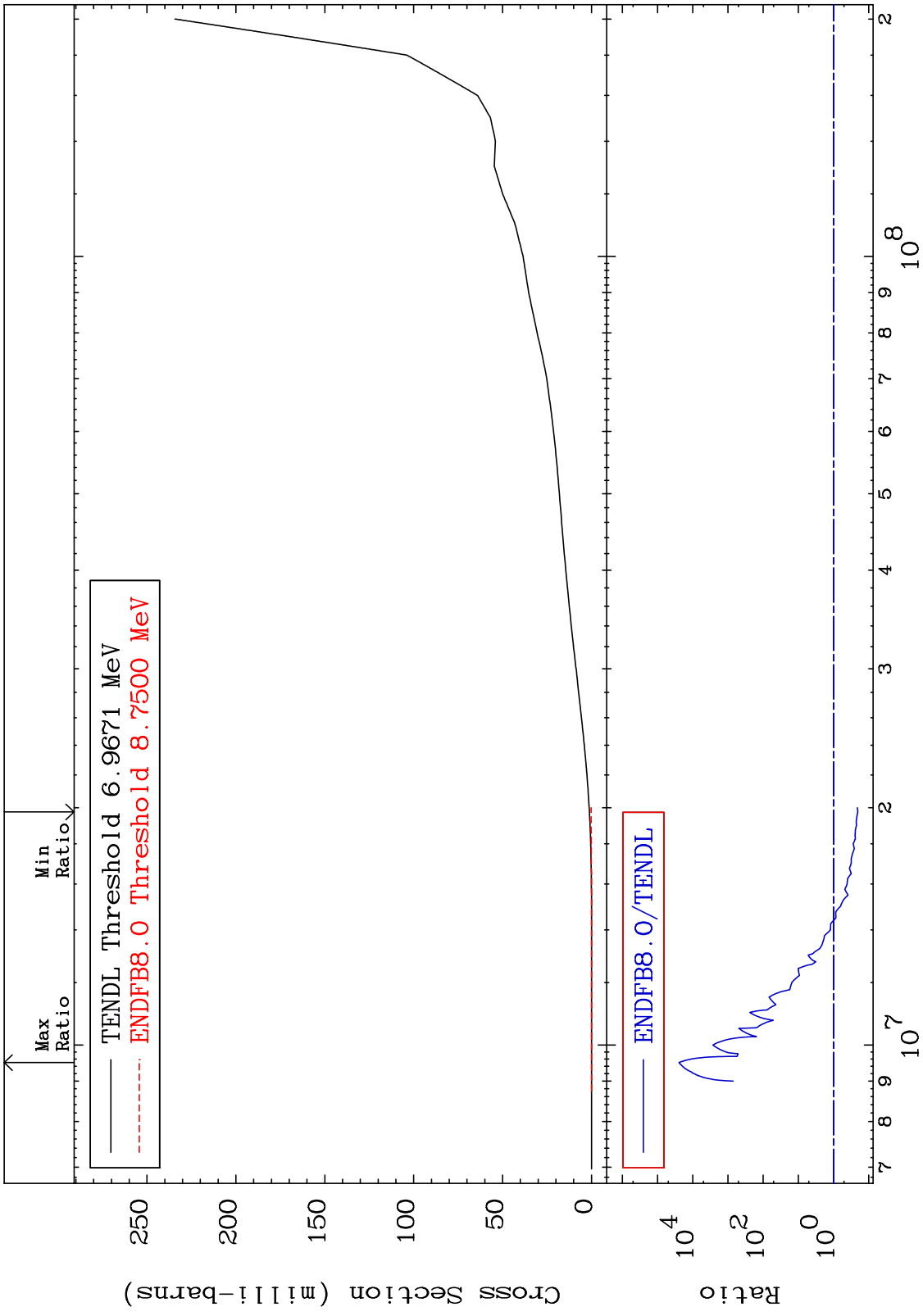


MAT 6849

Deuterium Production
Cross Section

68-Er-170
-14.64 To 9999. %

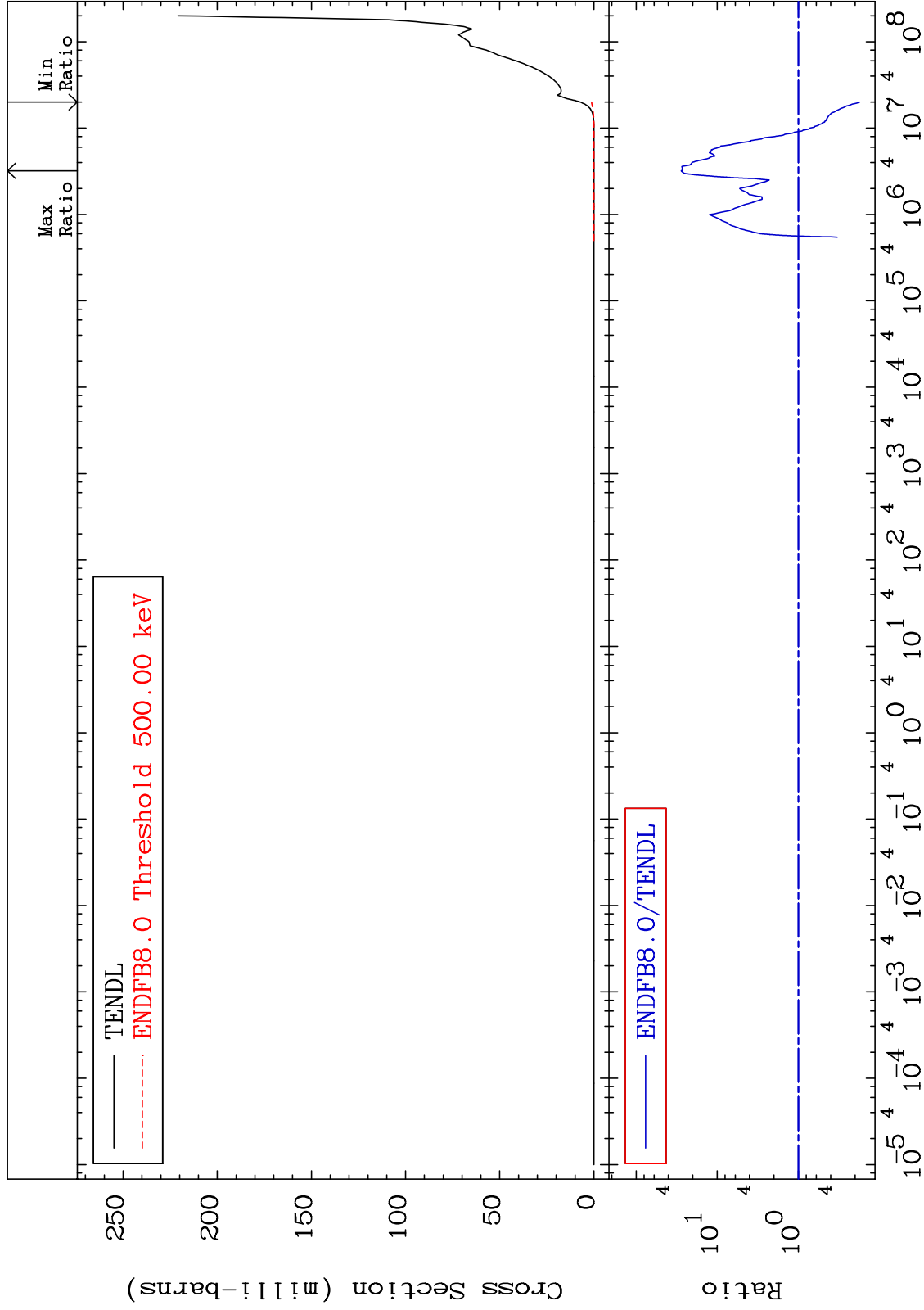




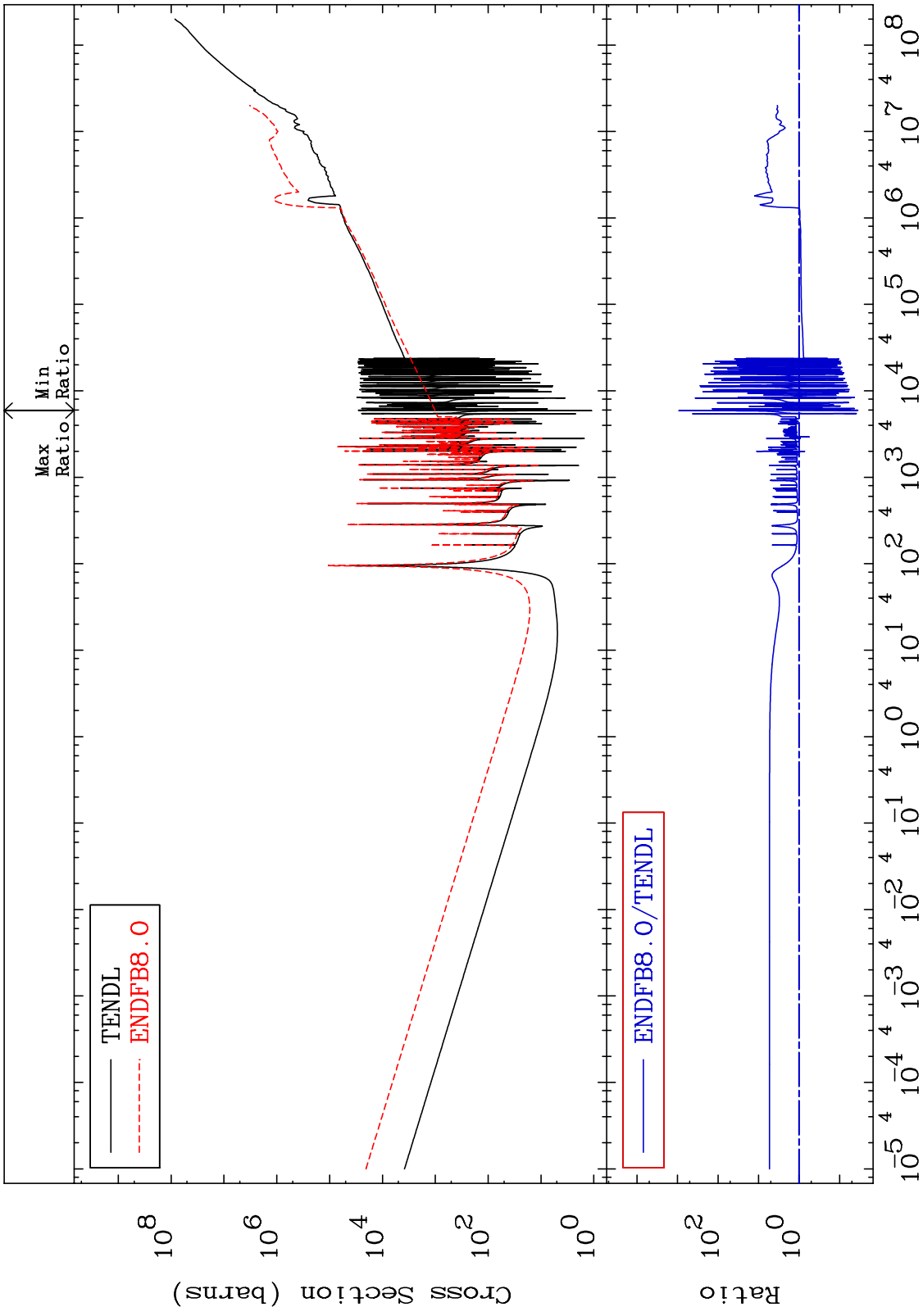
MAT 6849

He-4 Production
Cross Section

68-Er-170
-82.51 To 2678. %



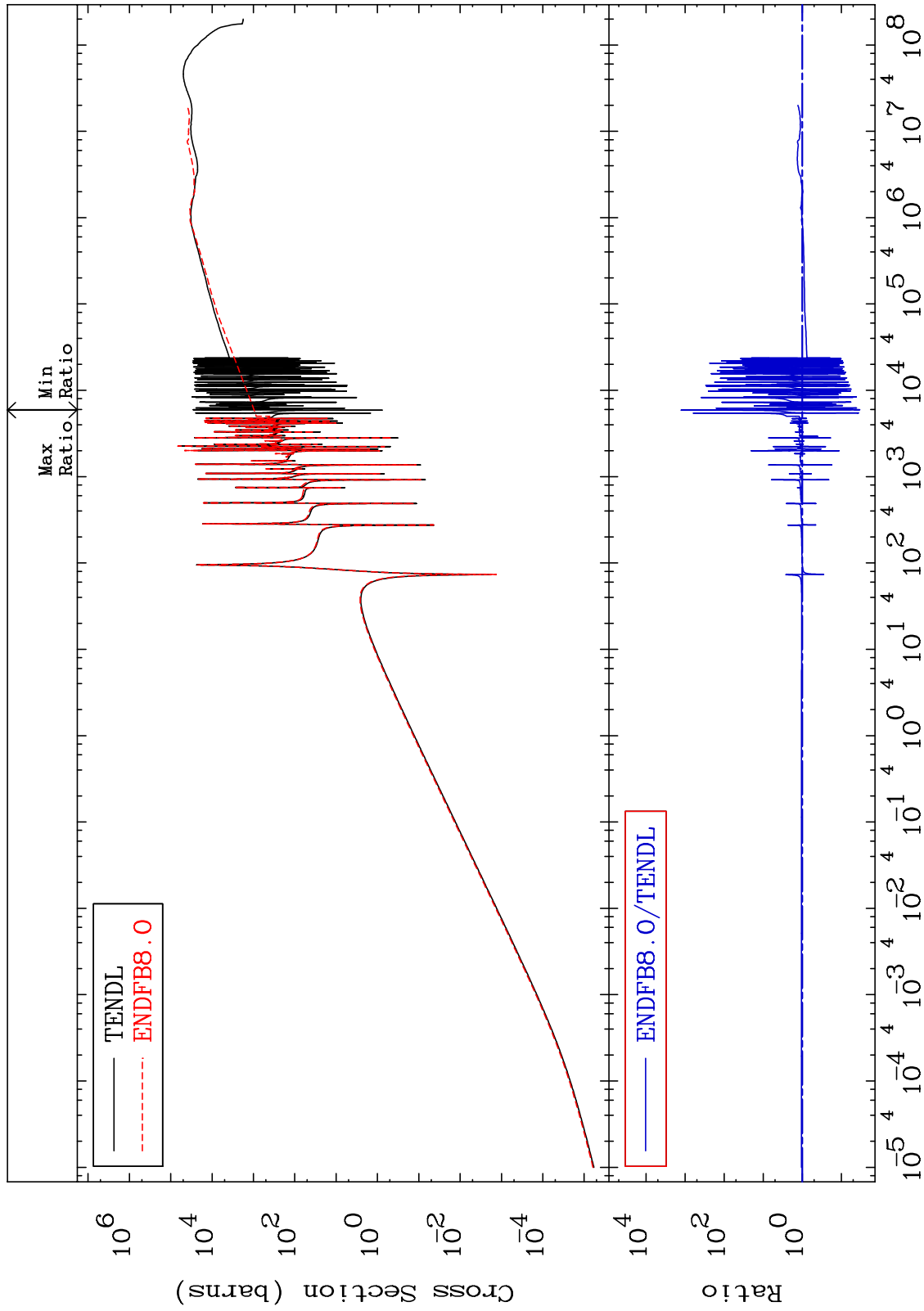
MAT 6849 Kerma total (eV-barns)
 Cross Section 68-Er-170
 -96.45 To 9999. %



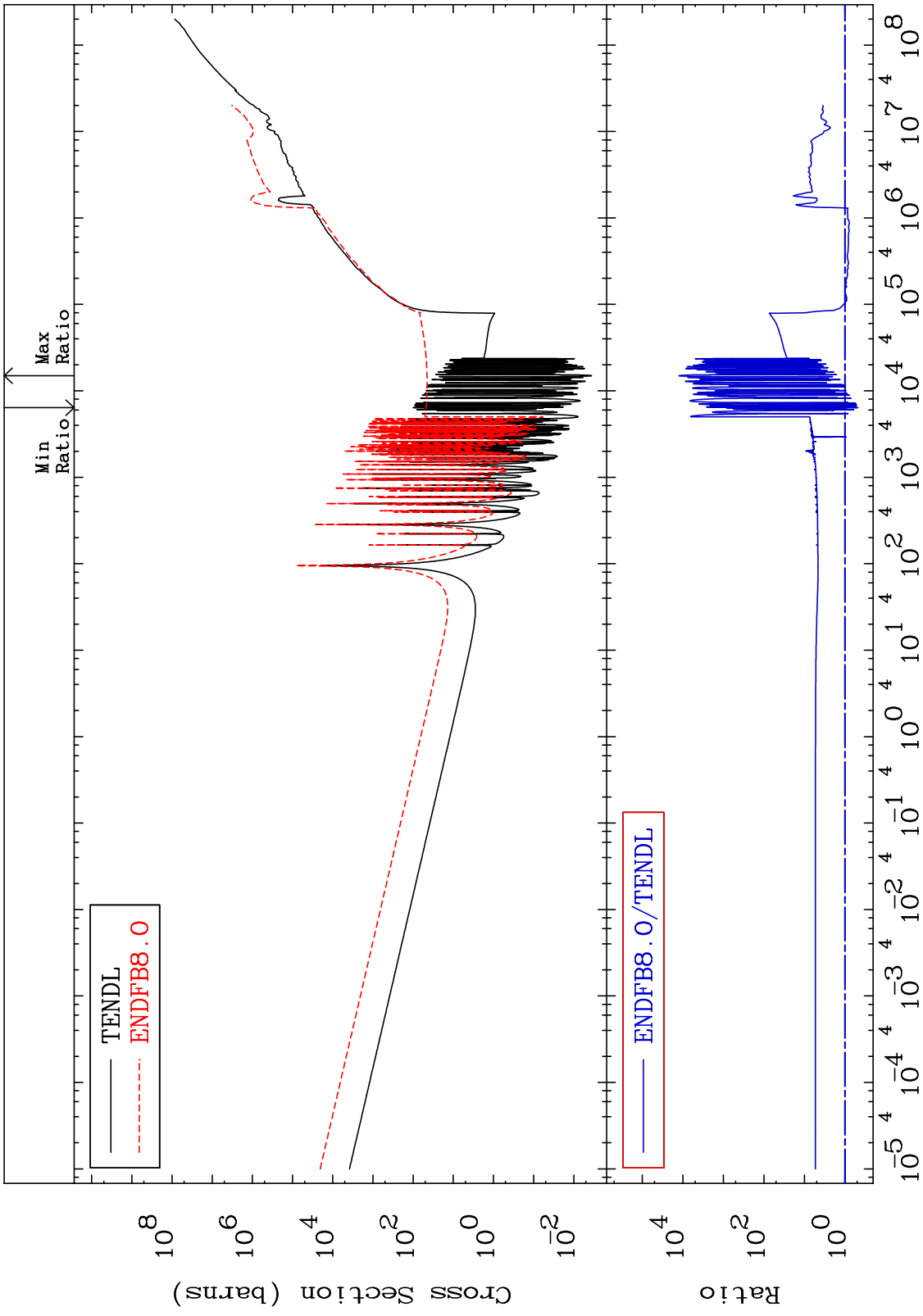
MAT 6849

Kerma elastic
Cross Section

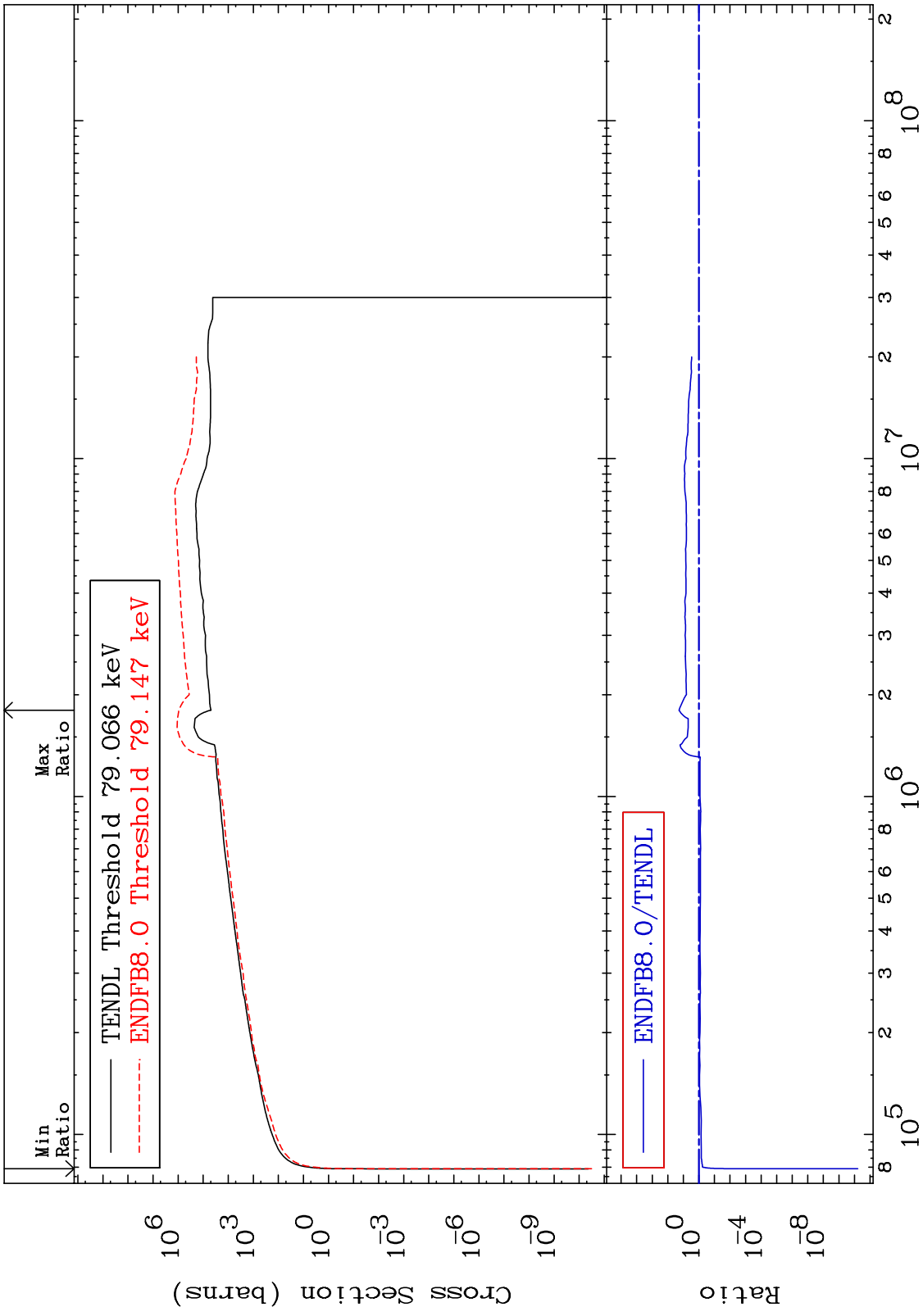
68-Er-170
-96.62 To 9999. %



MAT 6849 Kerma non-elastic (all but mt2) 68-Er-170
 Cross Section -51.81 To 9999. %



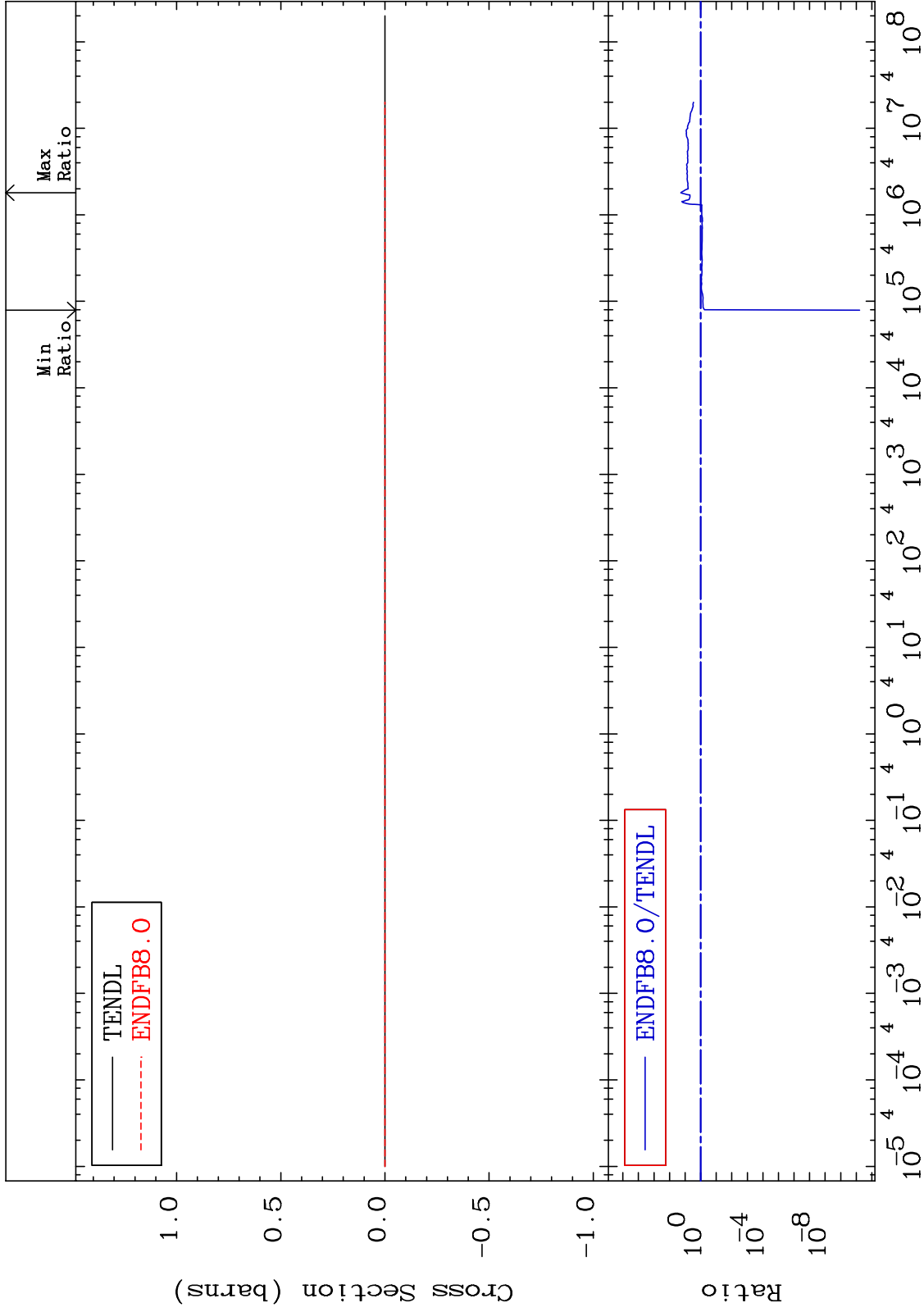
MAT 6849 Kerma inelastic (mt51-91) 68-Er-170
 -100.0 To 1788. %
 Cross Section



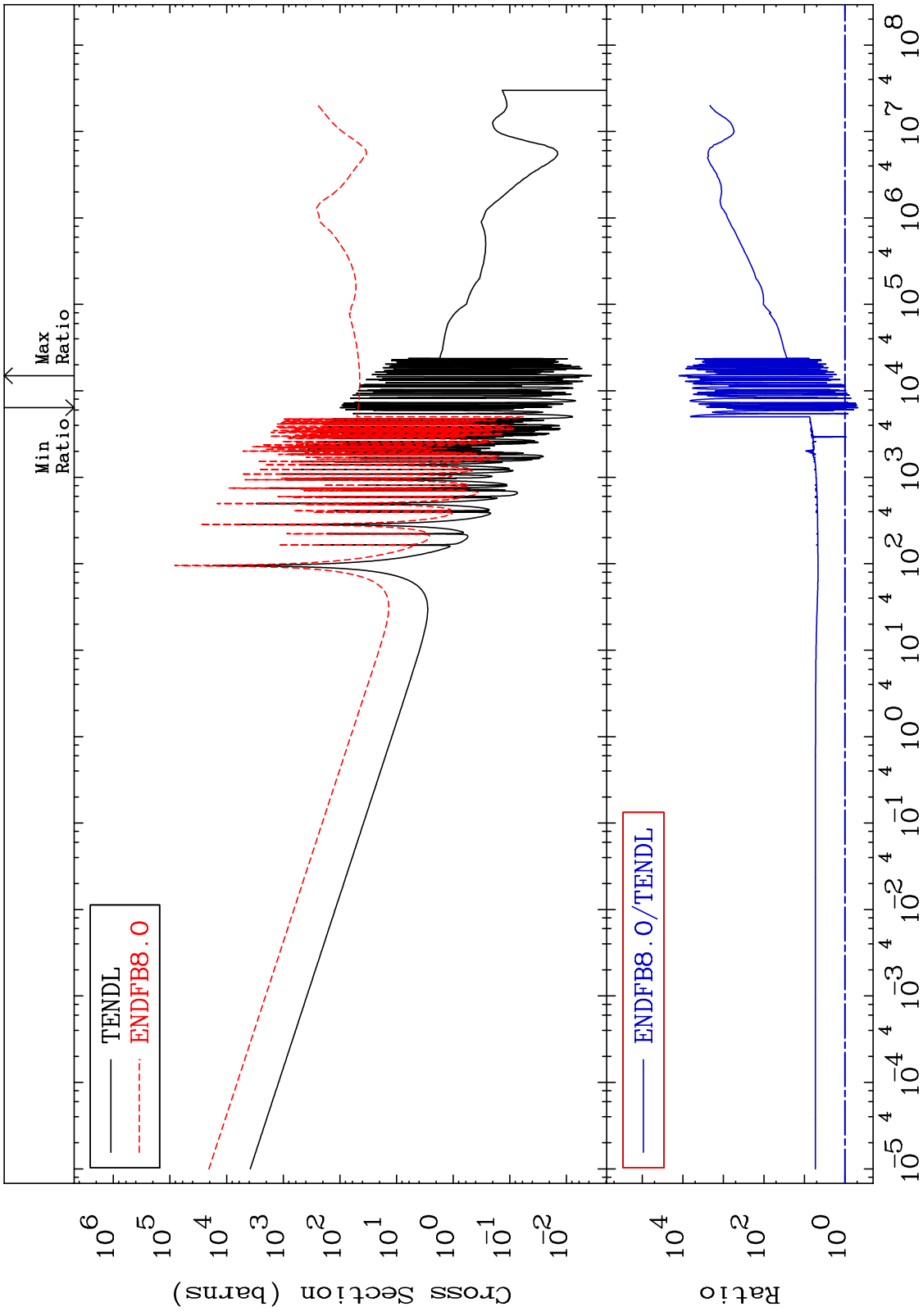
MAT 6849

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

68-Er-170
-100.0 To 1788. %



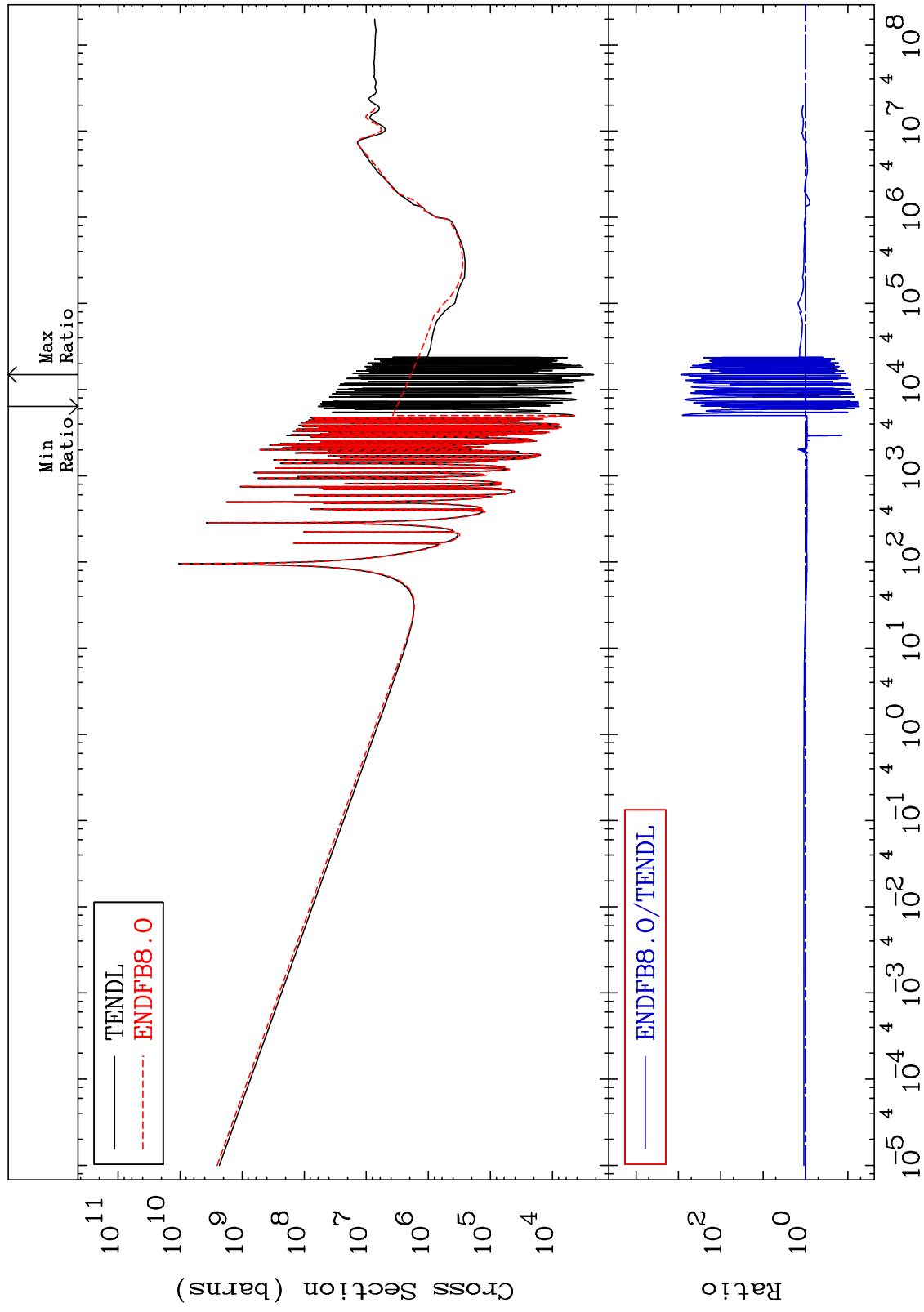
MAT 6849 Kerma capture (mt102) 68-Er-170
 Cross Section -51.81 To 9999. %



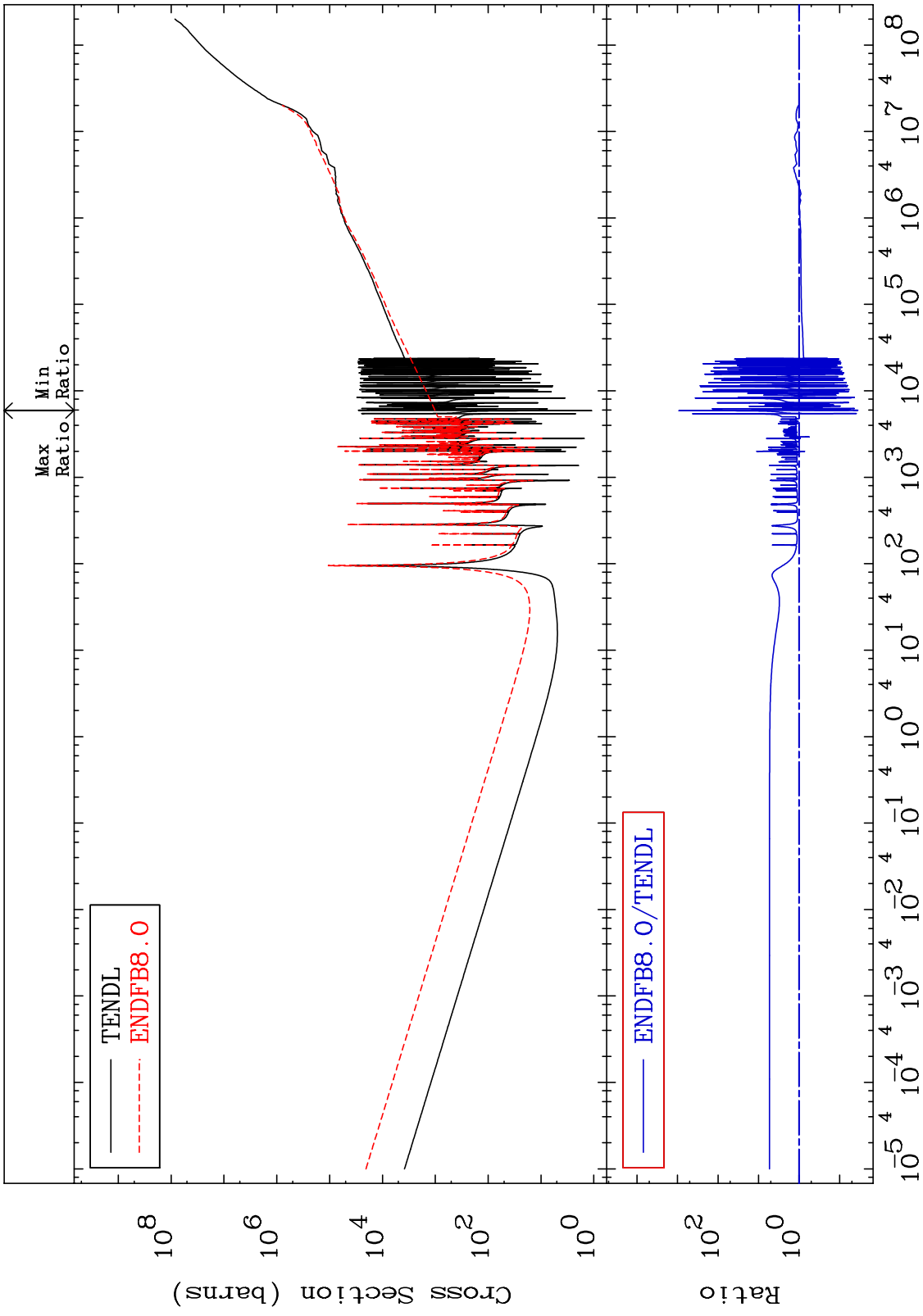
MAT 6849

Total photon (eV-barns)
Cross Section

68-Er-170
-94.57 To 9999. %



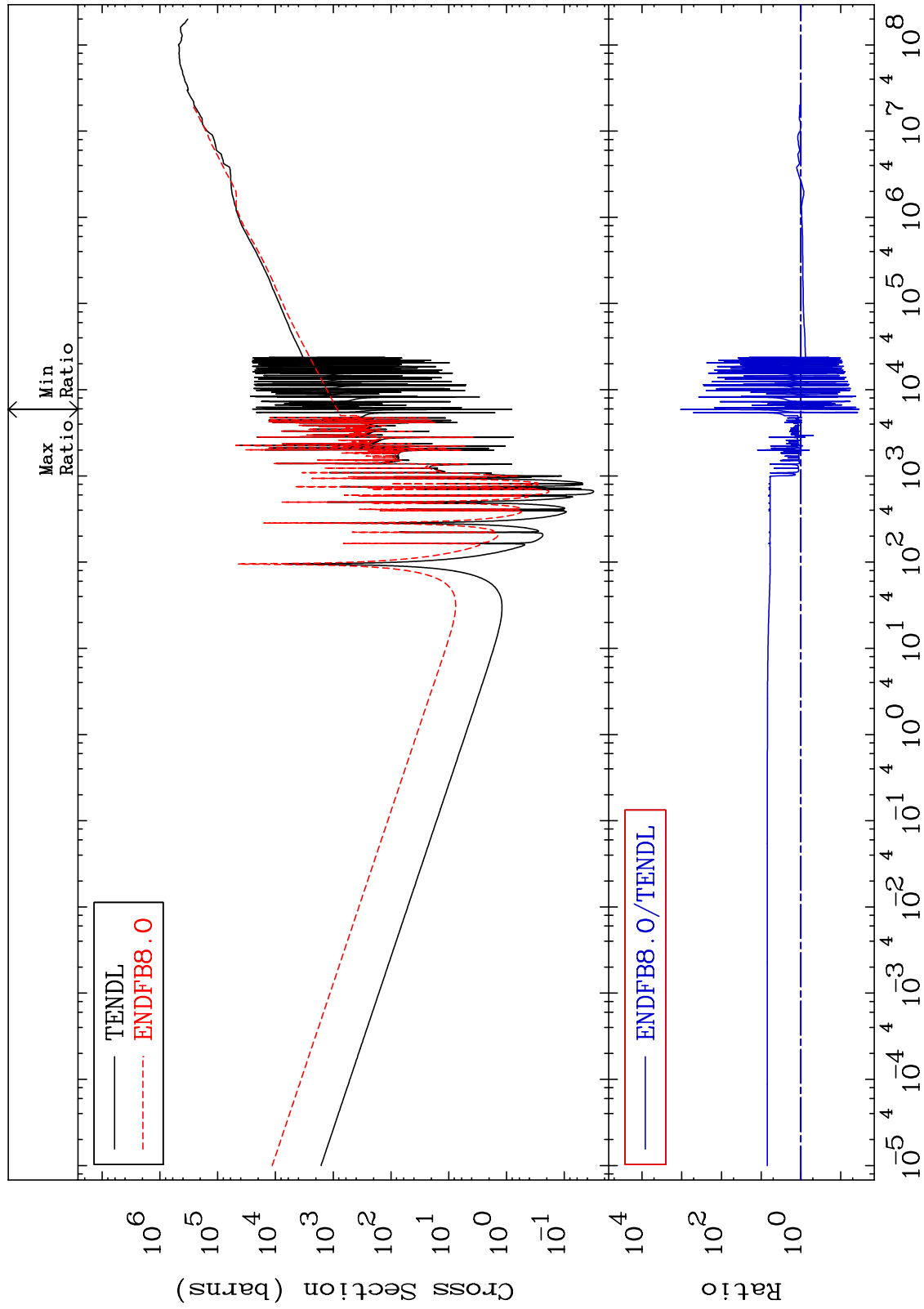
MAT 6849 Total kinematic kerma (high limit) 68-Er-170
Cross Section -96.45 To 9999. %



MAT 6849

Dpa total (eV-barns)
Cross Section

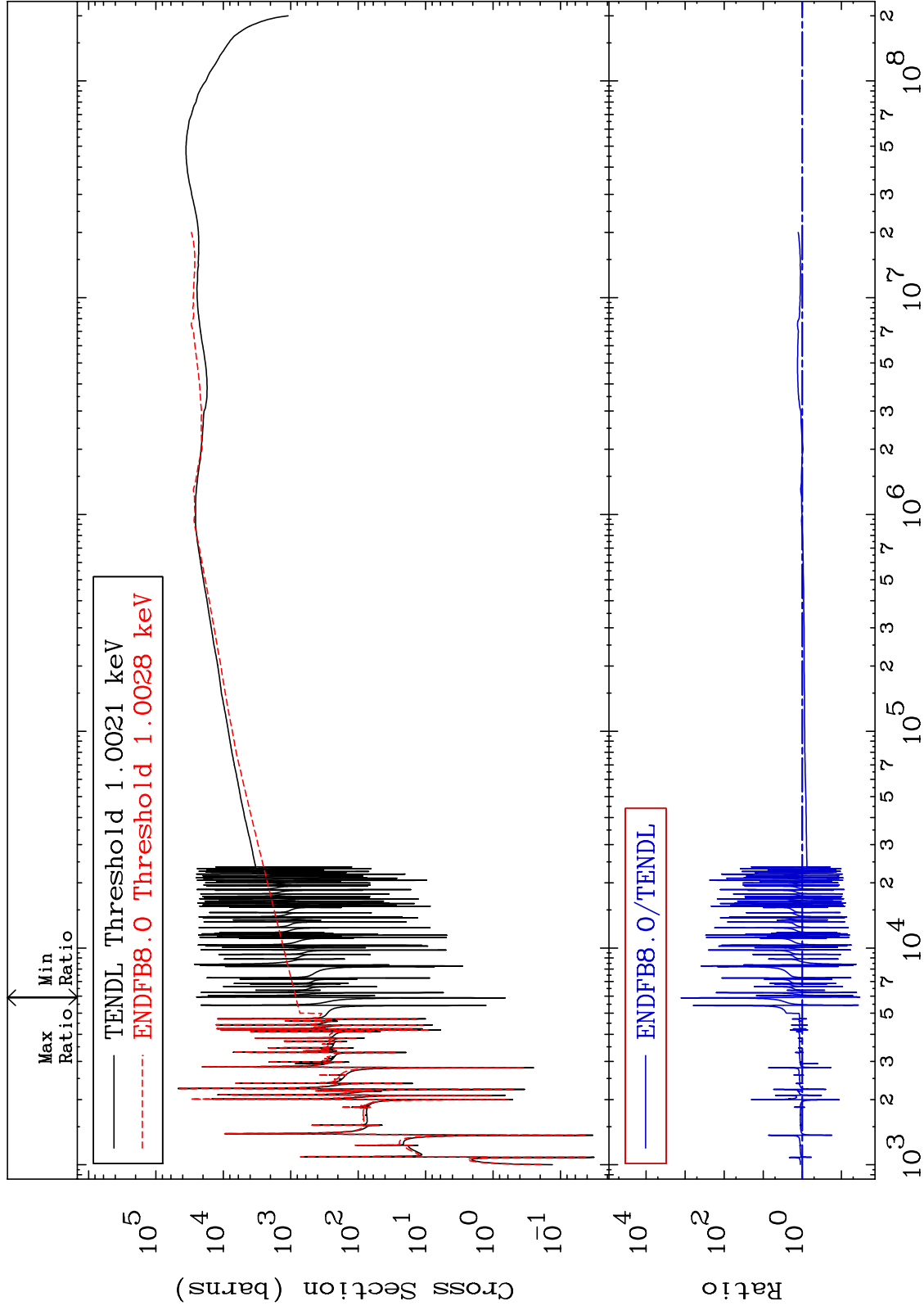
68-Er-170
-96.56 To 9999. %



MAT 6849

Dpa elastic (mt2)
Cross Section

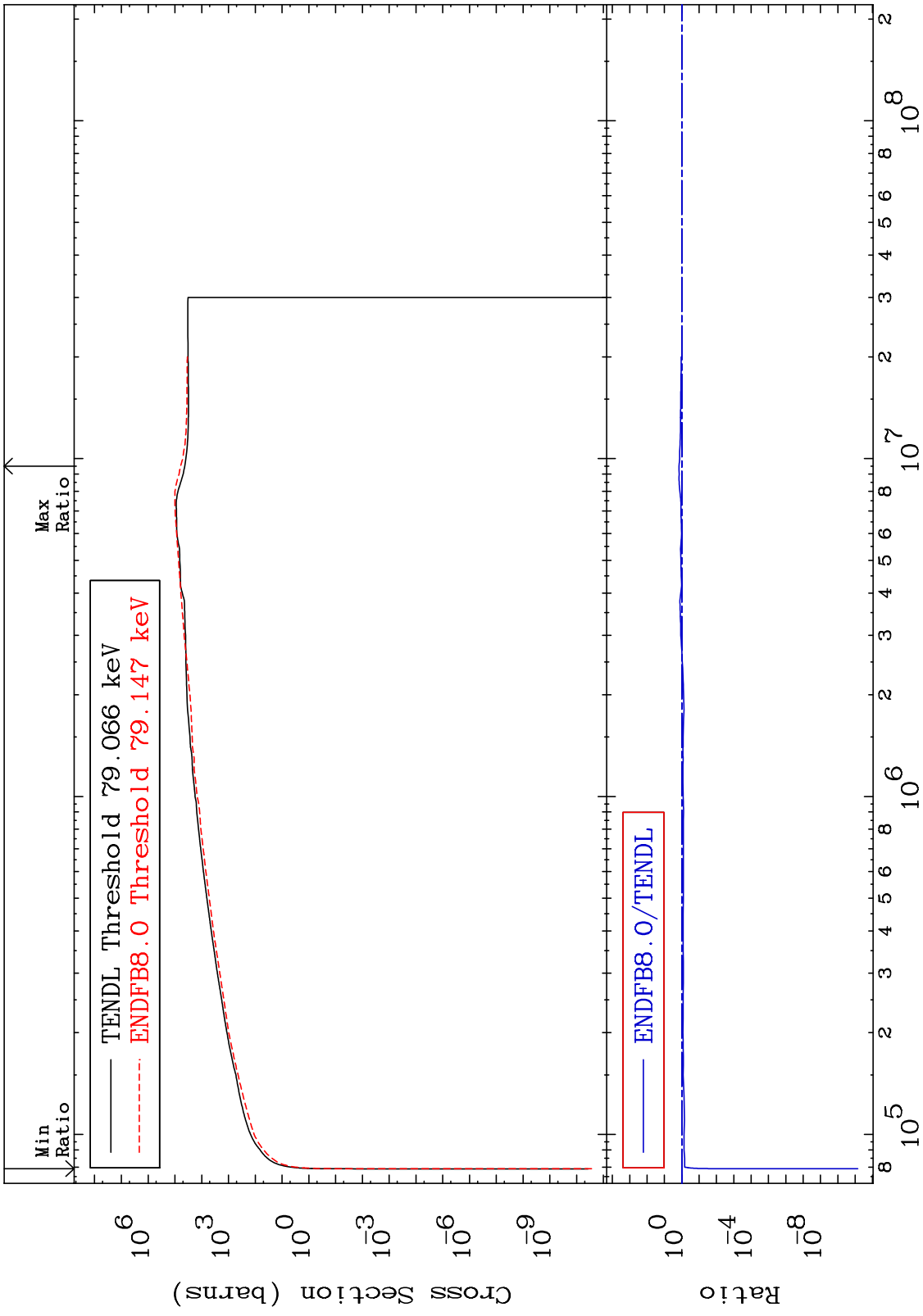
68-Er-170
-96.62 To 9999. %



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68-Er-170

MAT 6849 Dpa inelastic (mt51-91) 68-Er-170
 Cross Section -100.0 To 42.78 %



43 Incident Energy (eV) 68-Er-170

MAT 6849 Dpa disappearance (mt102 -120) 68-Er-170
 Cross Section -65.68 To 9999. %

