

Program Complot
(Version 2018-1)

by

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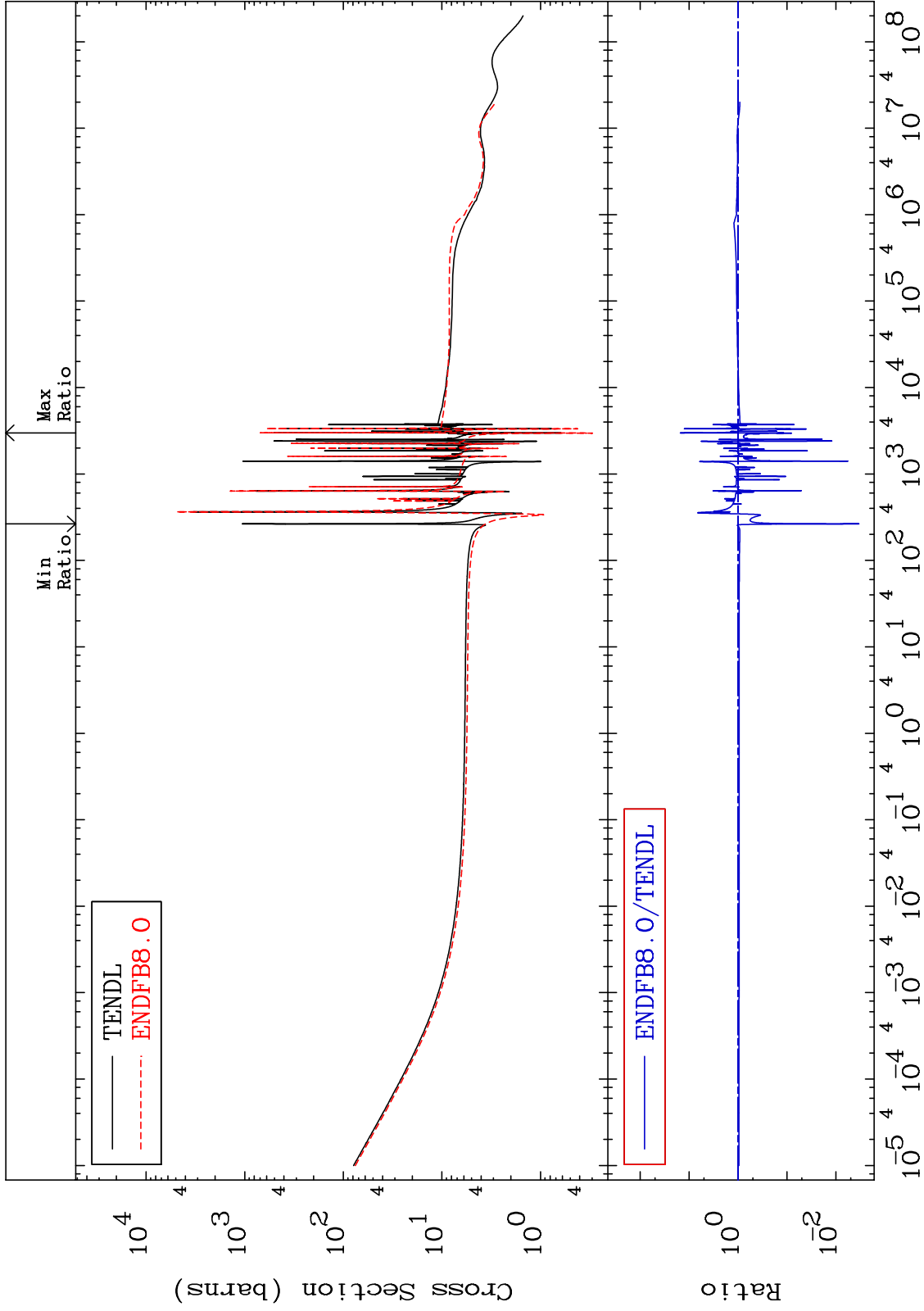
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3825

Total
Cross Section

38-Sr-84
-99.66 To 1425. %

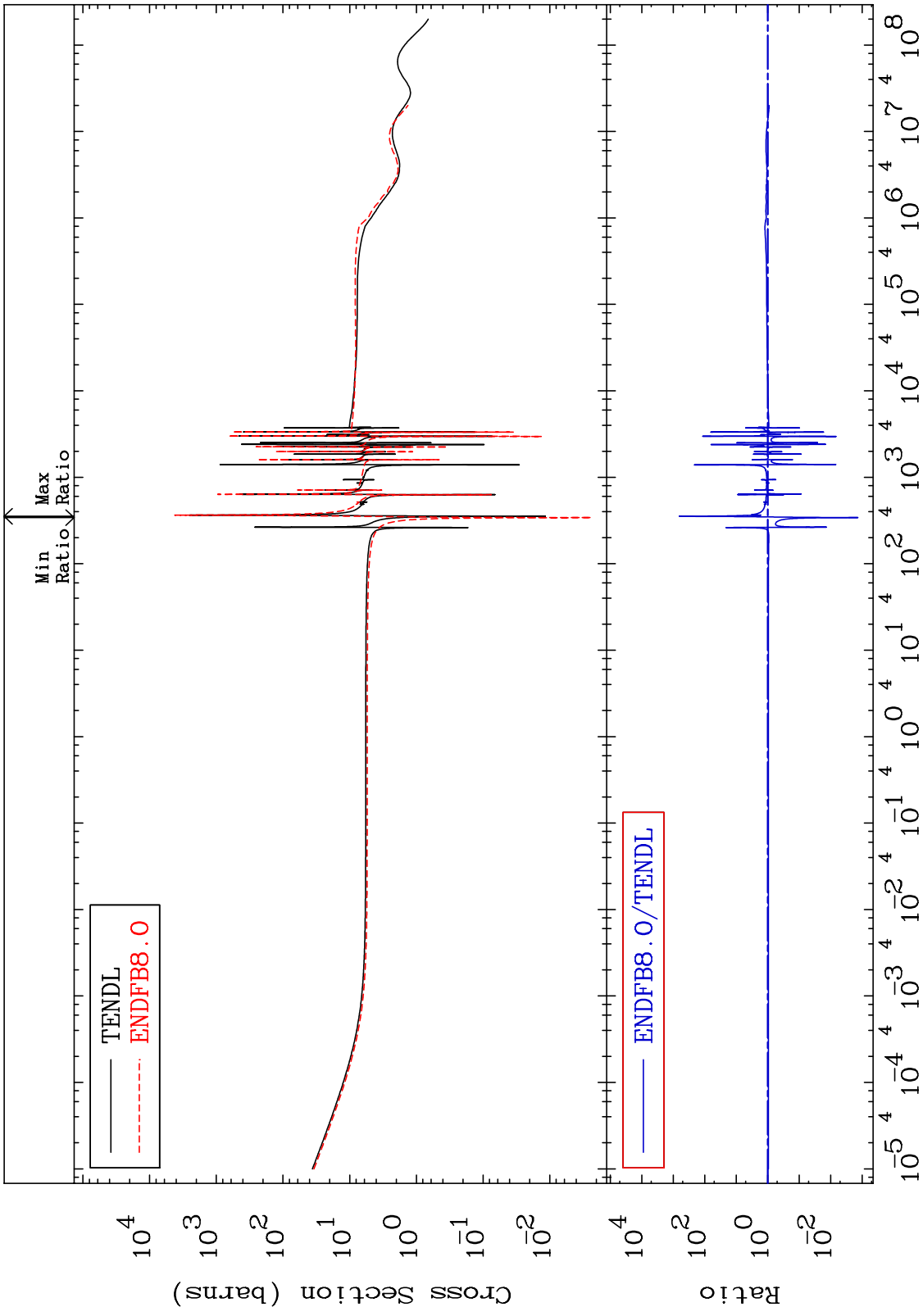


1

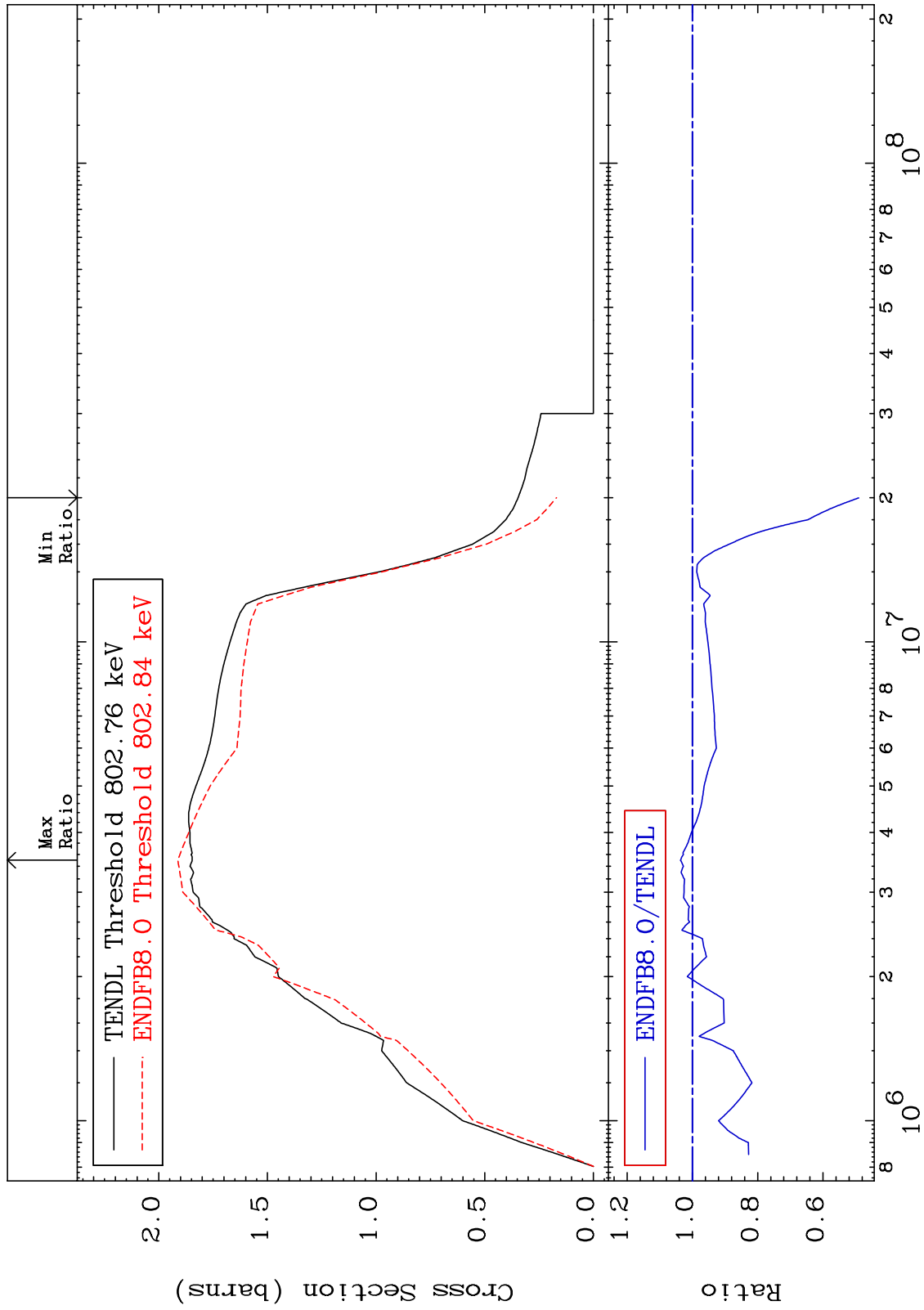
Incident Energy (eV)

38-Sr-84

MAT 3825 Elastic Cross Section 38-Sr-84 -99.86 To 9999. %

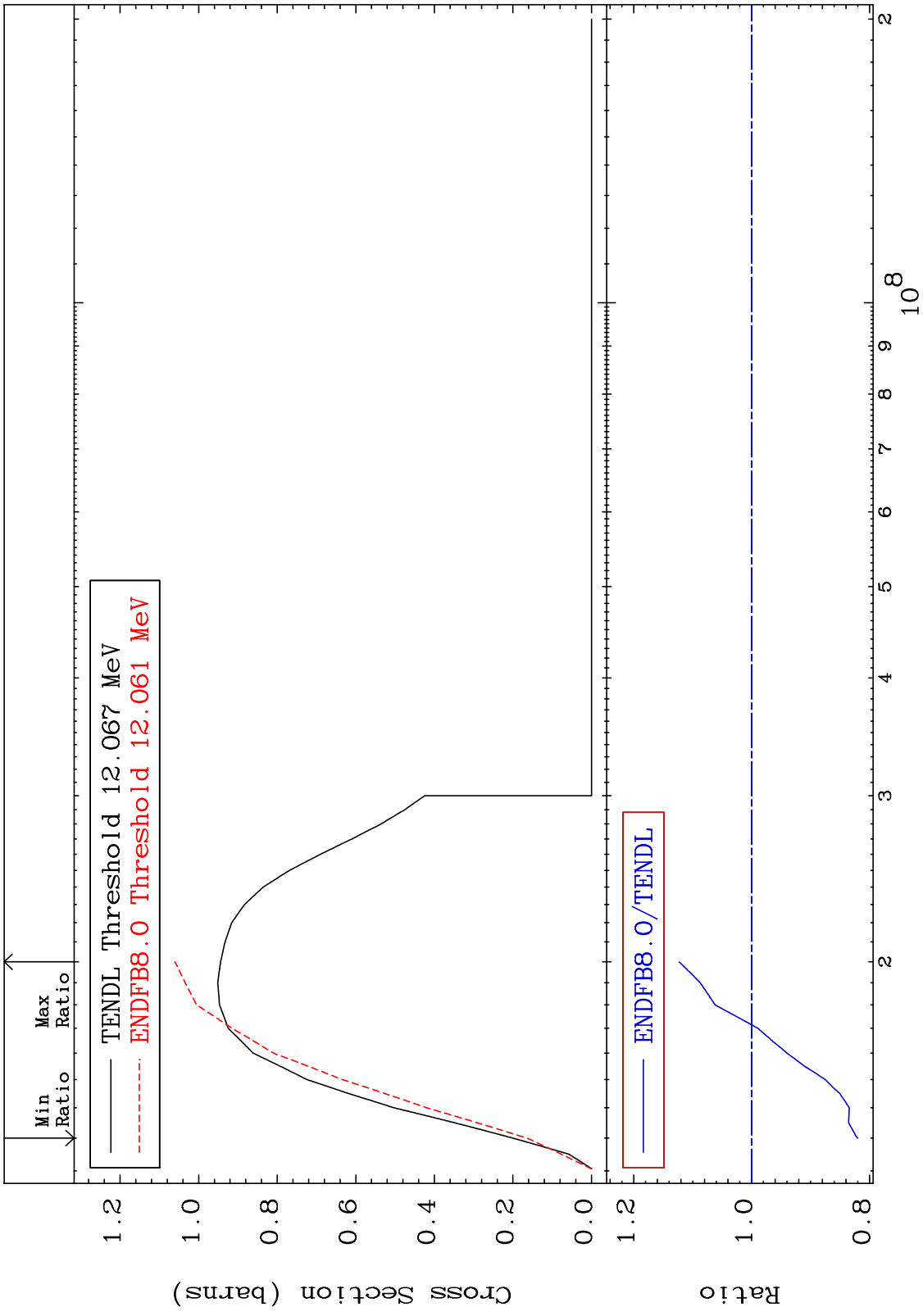


MAT 3825 Inelastic Cross Section 38-Sr-84 -51.03 To 3.606 %



38-Sr-84

MAT 3825 $(n,2n)$ Cross Section $^{38}\text{Sr-84}$ -18.01 To 12.31 %



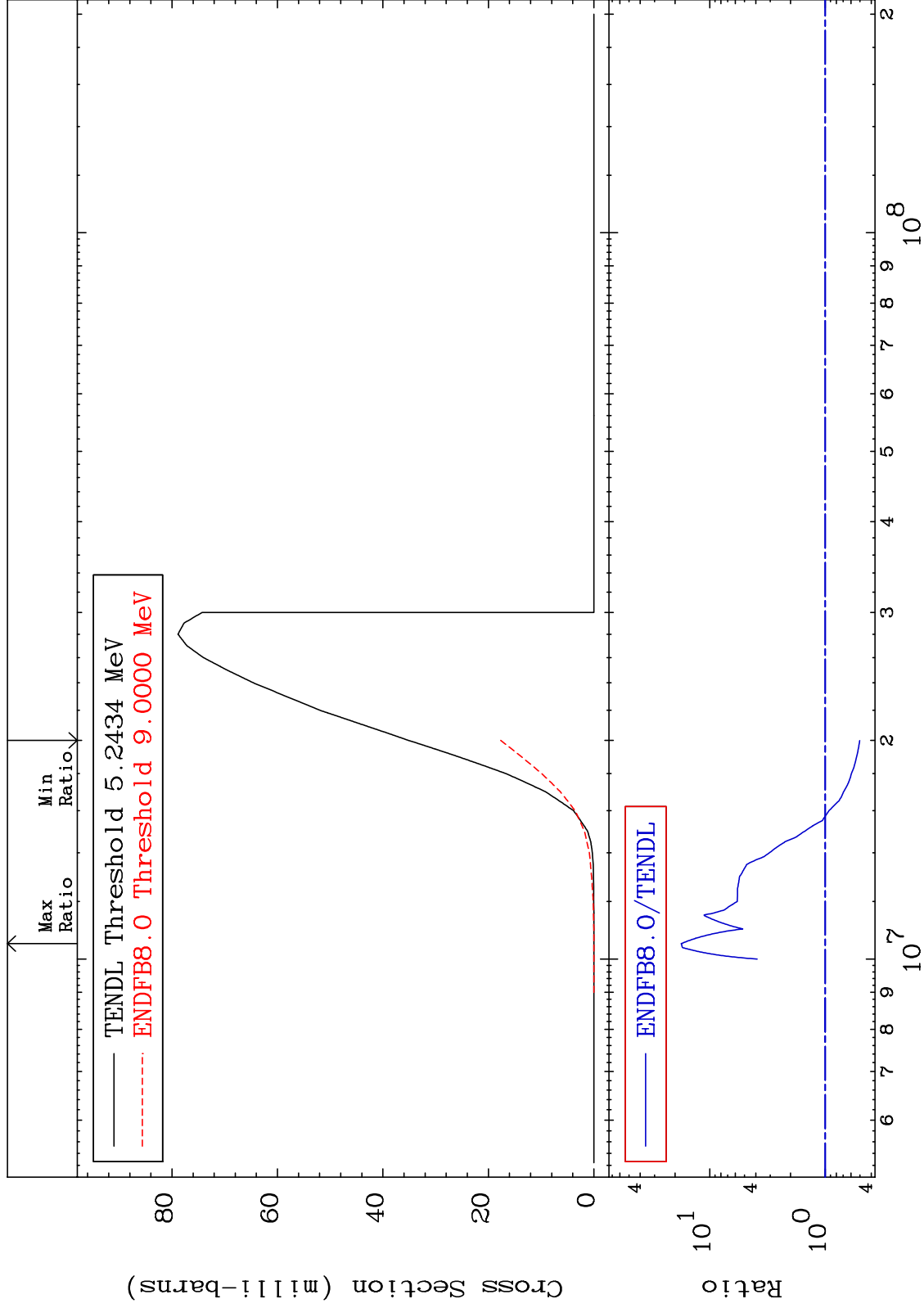
MAT 3825

(n,n') α

38-Sr-84

Cross Section

-49.73 To 1665. %

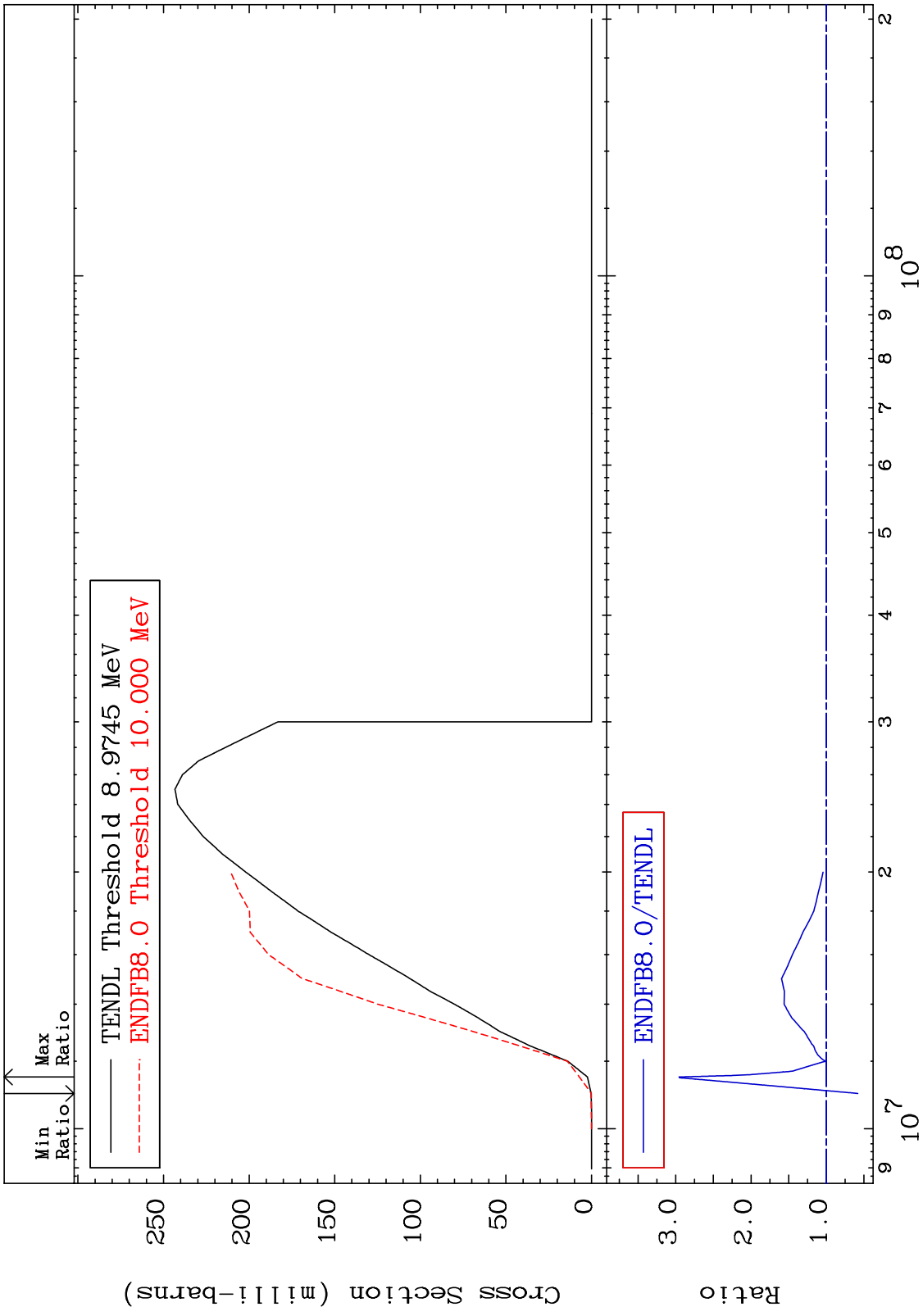


5

Incident Energy (eV)

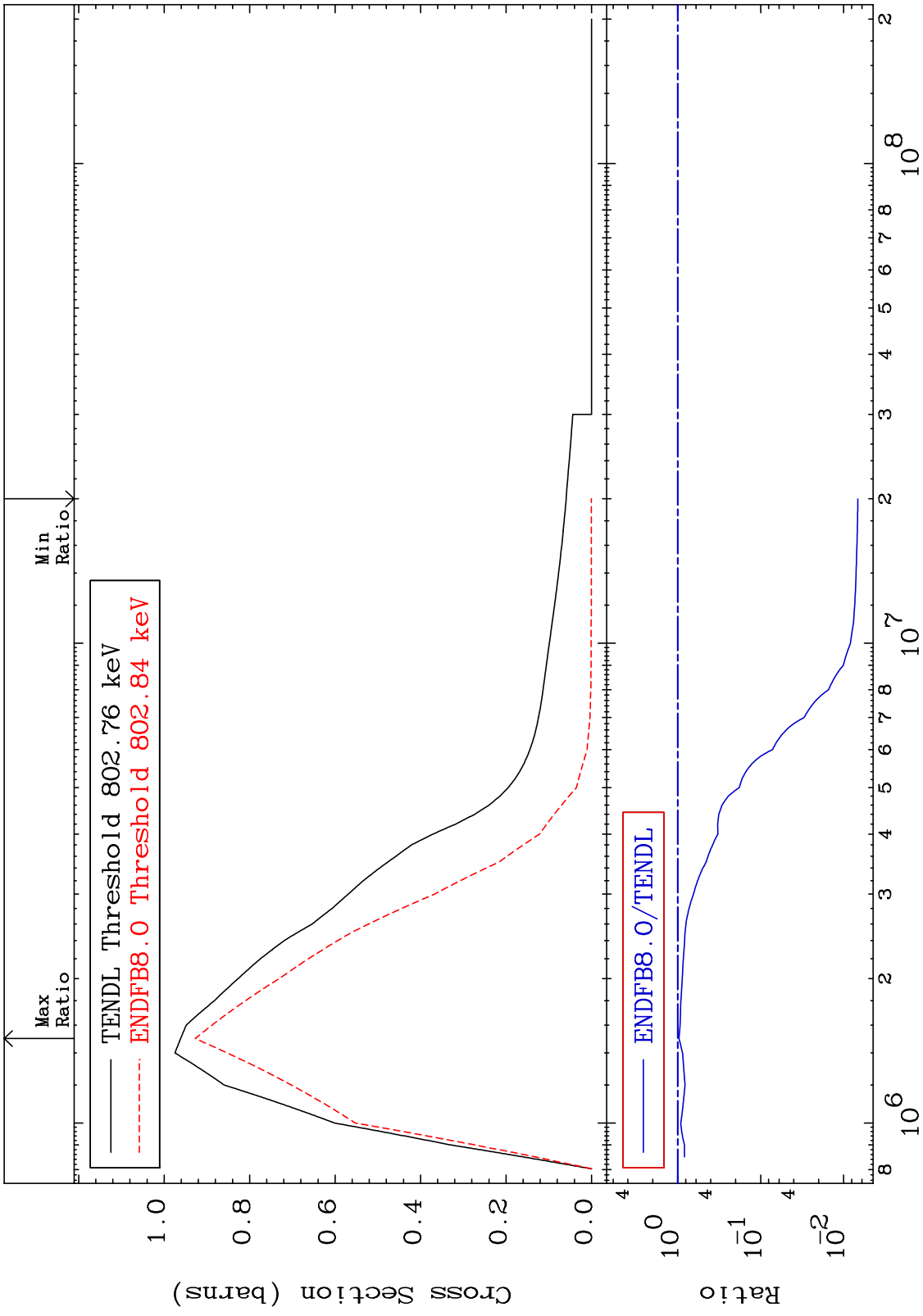
38-Sr-84

MAT 3825 (n,n') p 38-Sr-84
 Cross Section -41.89 To 195.6 %

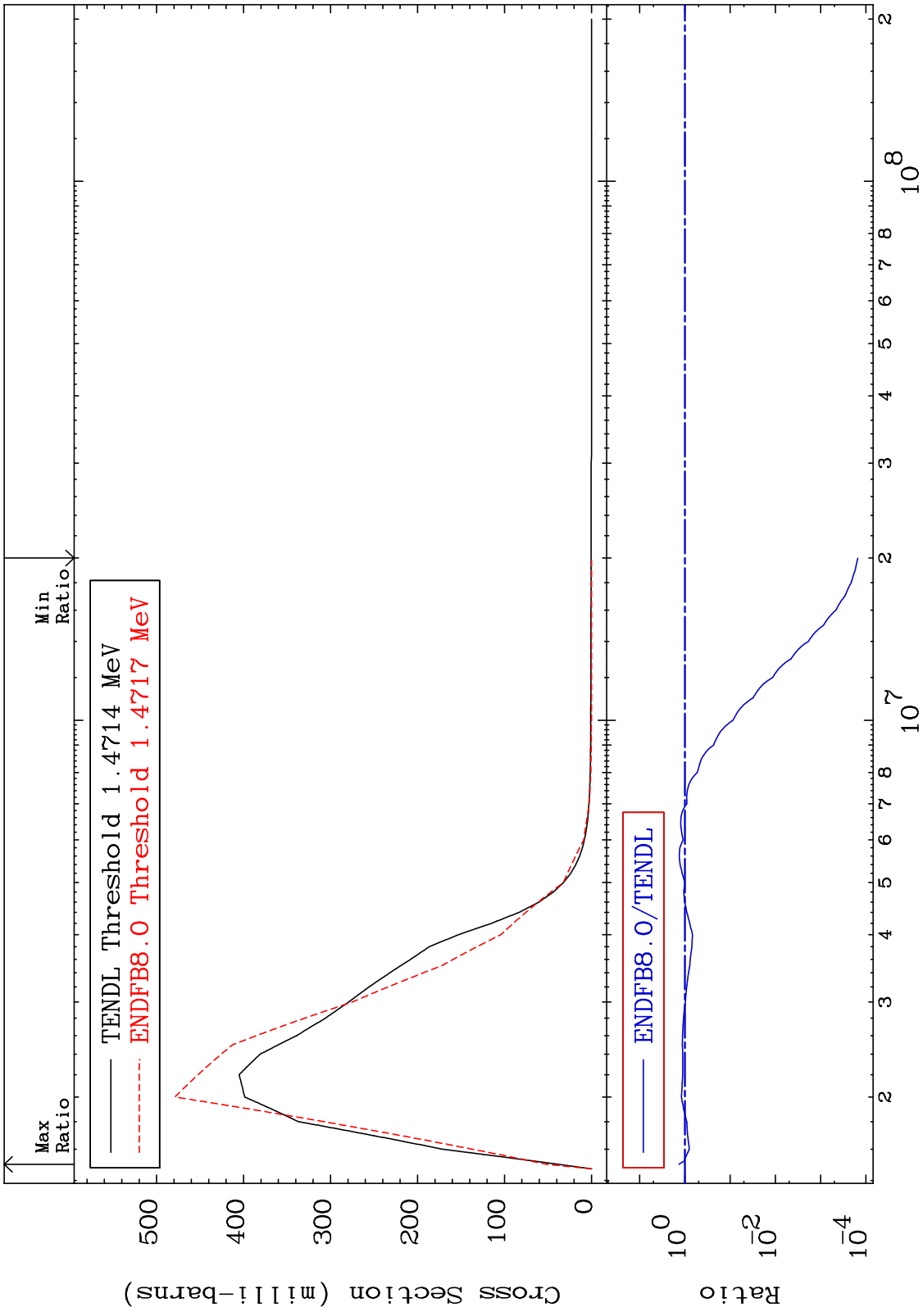


38-Sr-84

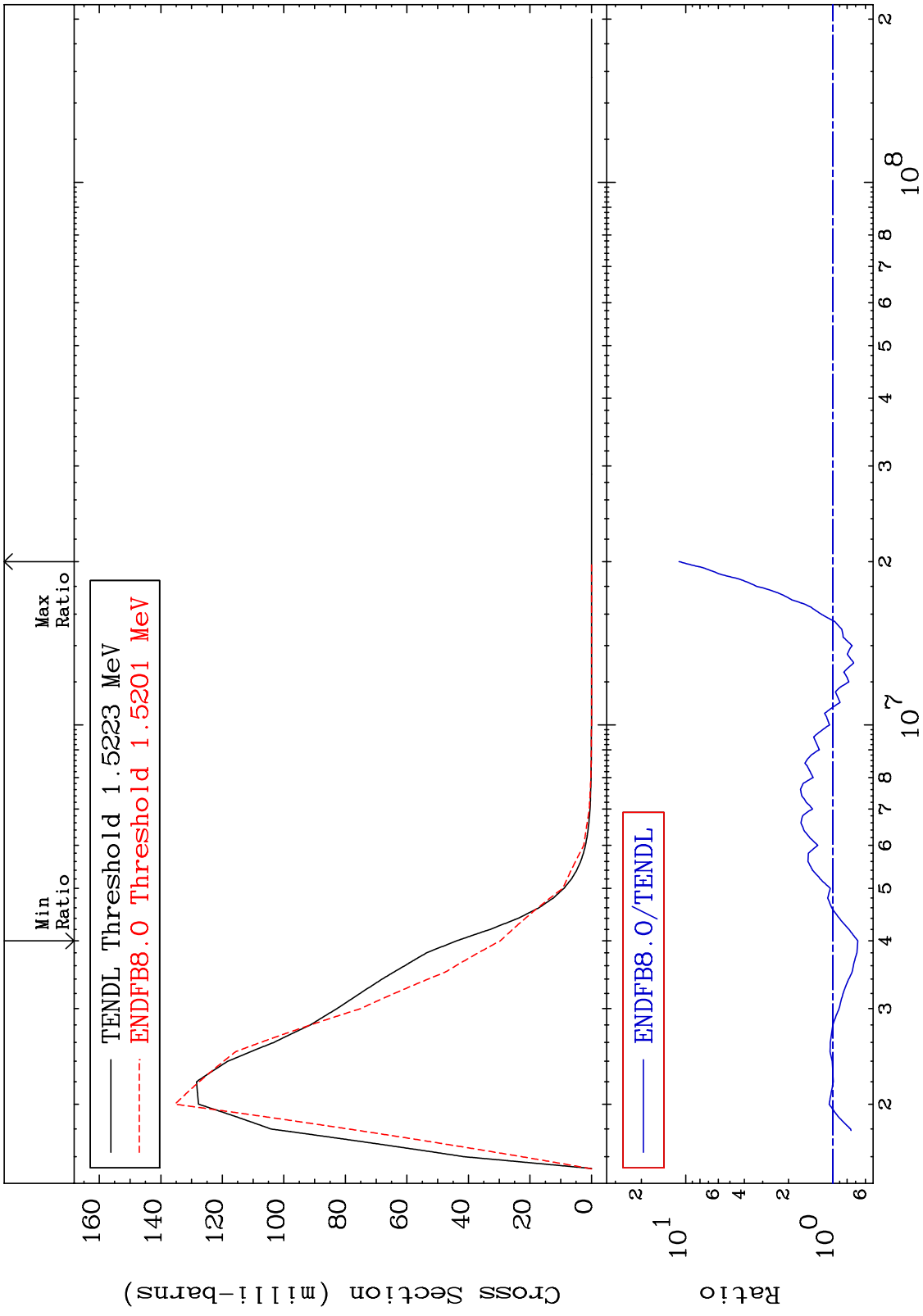
MAT 3825 MT= 51 (n,n') Level Cross Section 38-Sr-84
 -99.33 To -3.555%



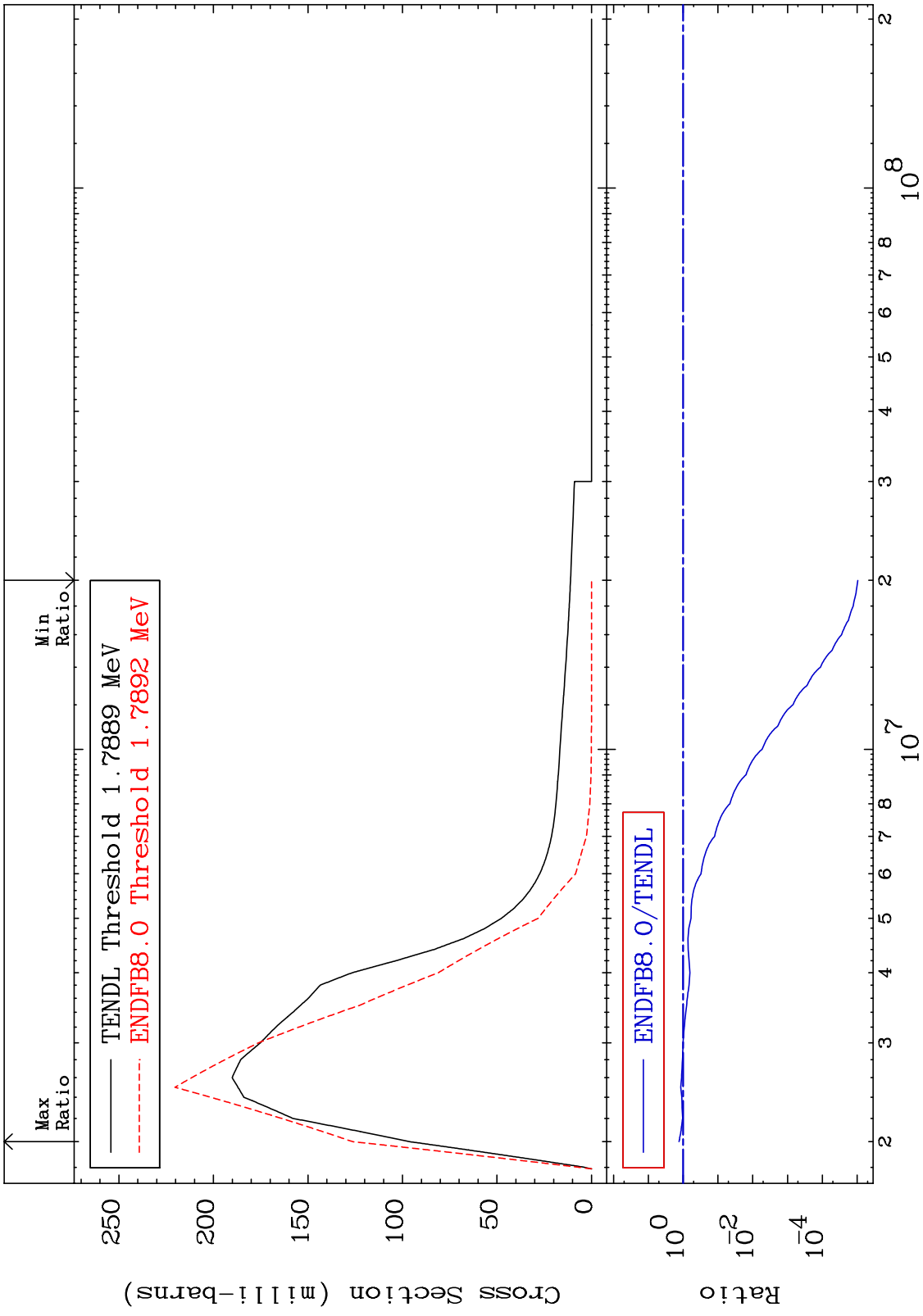
MAT 3825 MT= 52 (n,n') Level Cross Section 38-Sr-84
 -99.98 To 35.14 %



MAT 3825 MT= 53 (n,n') Level Cross Section 38-Sr-84 -32.33 To 1009. %

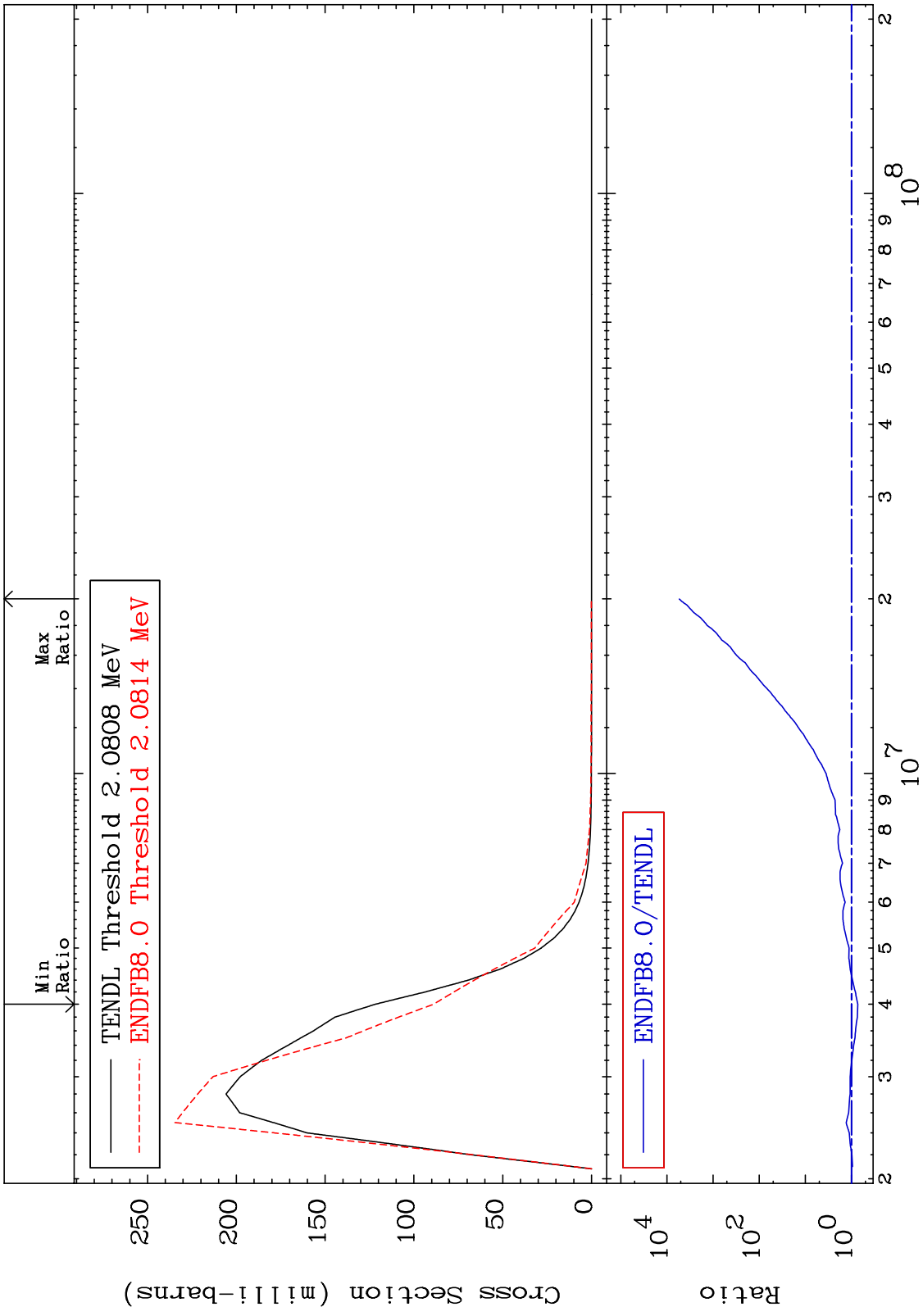


MAT 3825 MT= 54 (n,n') Level Cross Section 38-Sr-84
 -100.0 To 31.25 %

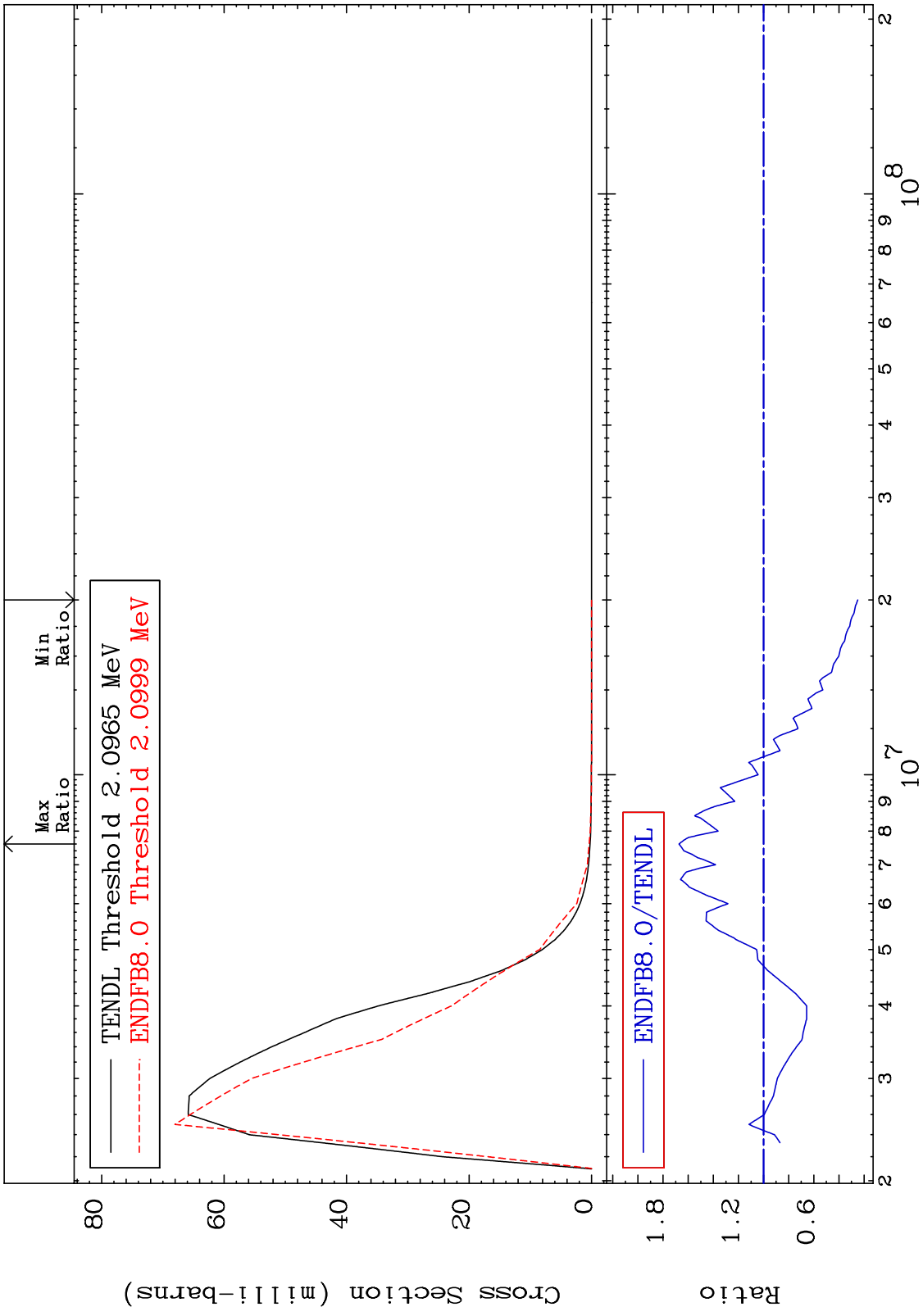


10 Incident Energy (eV) 38-Sr-84

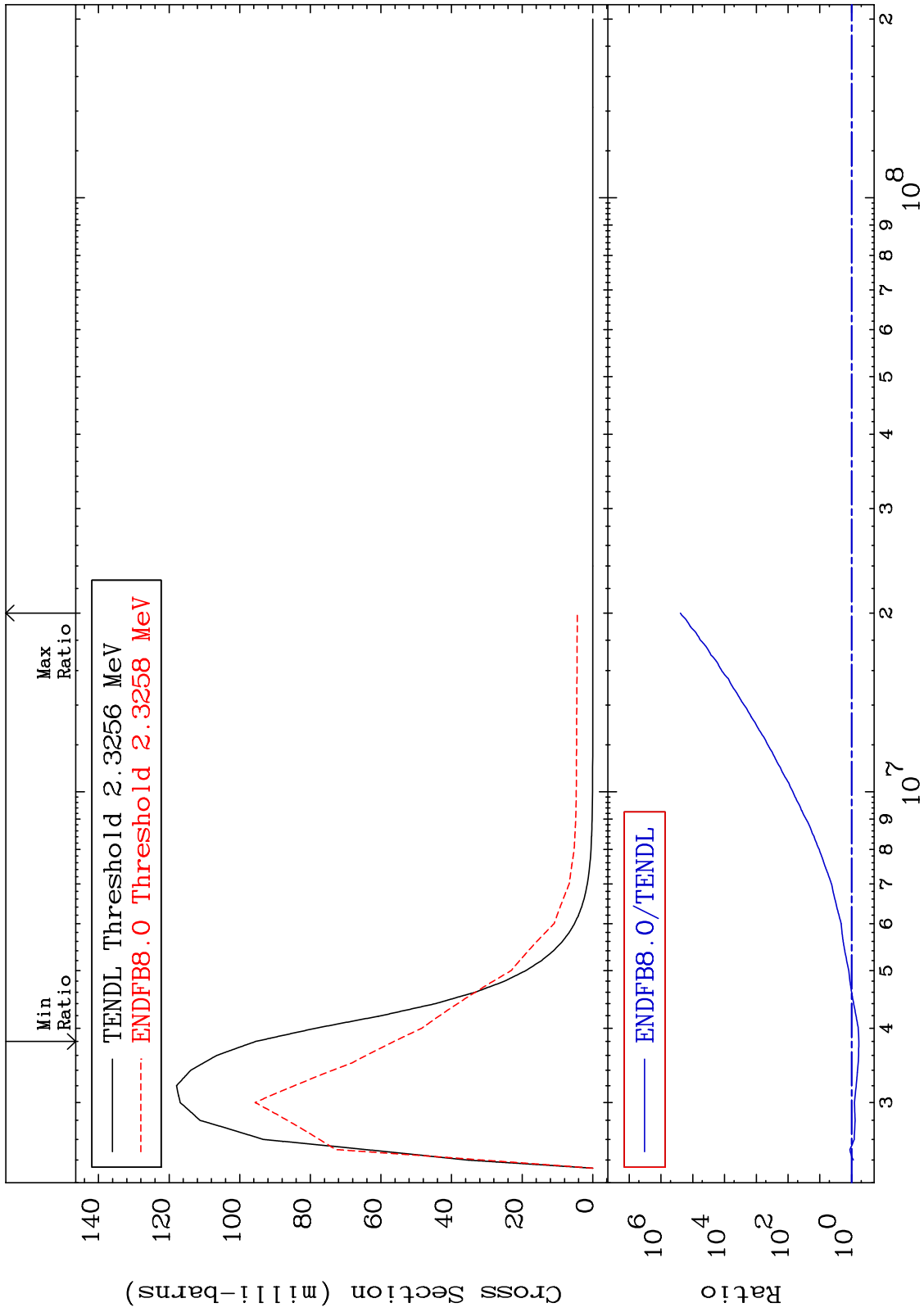
MAT 3825 MT= 55 (n,n') Level Cross Section 38-Sr-84
 -26.98 To 9999. %



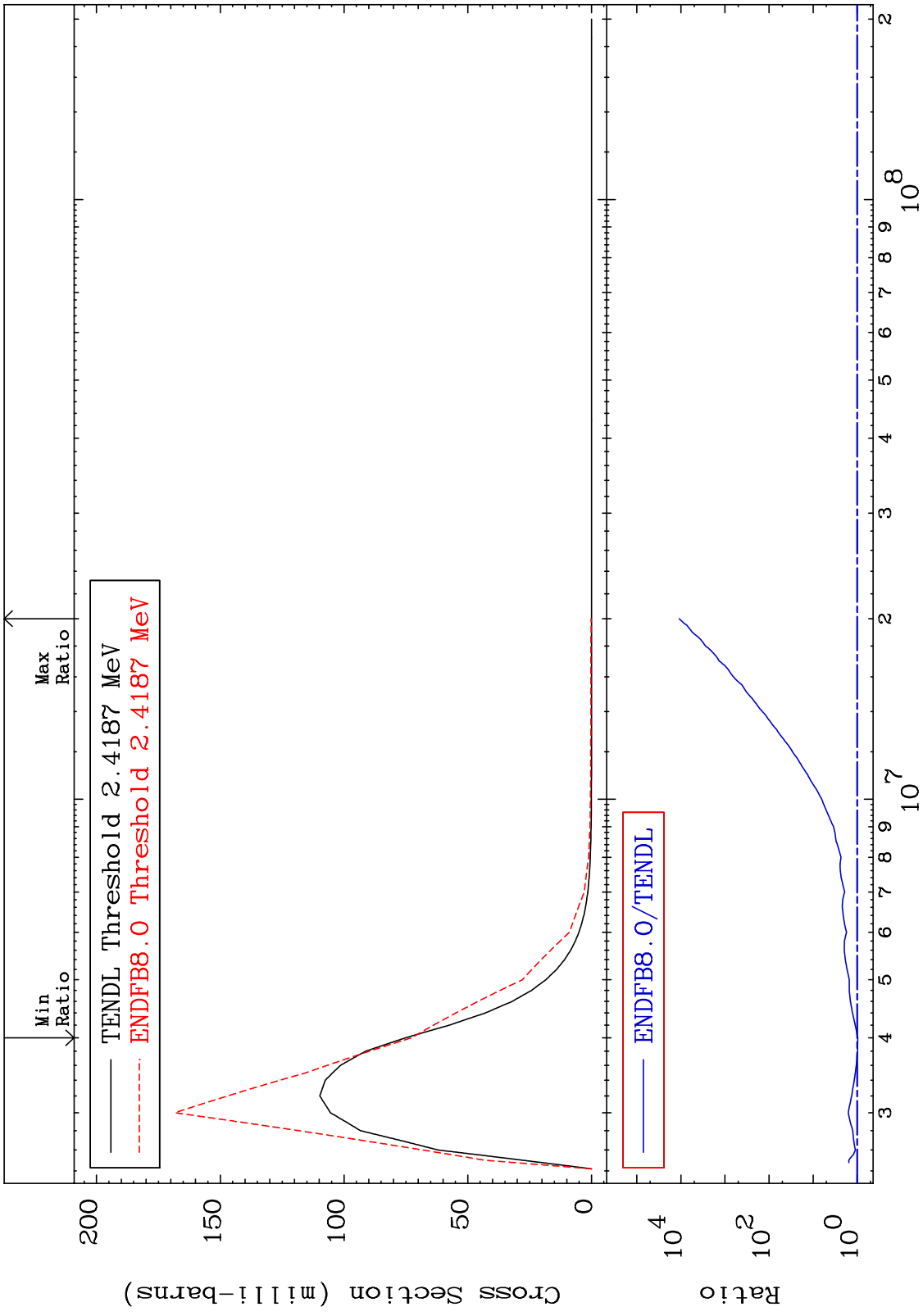
MAT 3825 MT= 56 (n,n') Level Cross Section 38-Sr-84
 -75.03 To 67.29 %



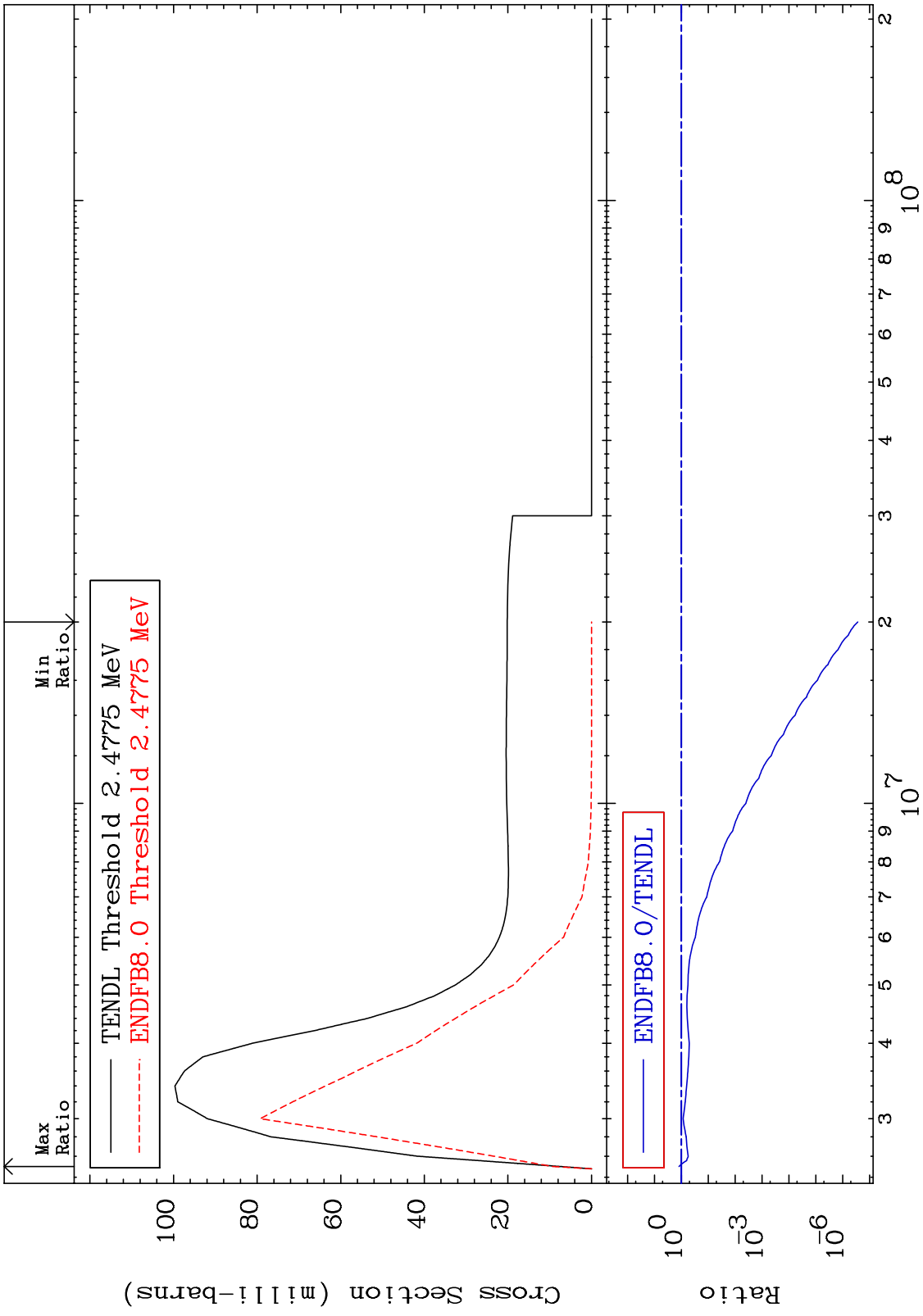
MAT 3825 MT= 57 (n,n') Level Cross Section 38-Sr-84
 -41.04 To 9999. %



MAT 3825 MT= 58 (n,n') Level Cross Section 38-Sr-84
 -3.149 To 9999. %



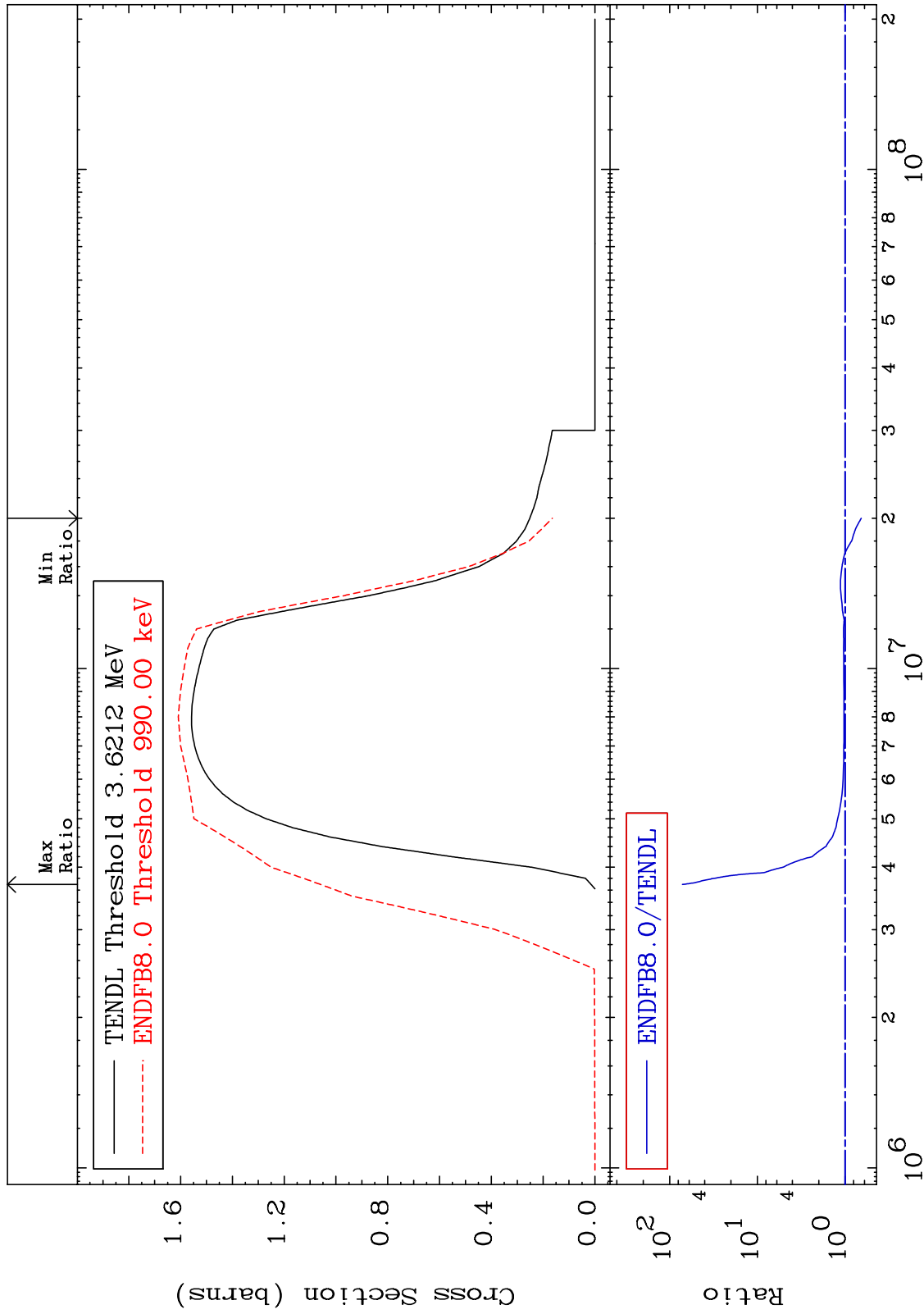
MAT 3825 MT= 59 (n,n') Level Cross Section -100.0 To 22.69 % 38-Sr-84



MAT 3825

(n, n') Continuum
Cross Section

38-Sr-84
-34.53 To 7055. %



Incident Energy (eV)

38-Sr-84

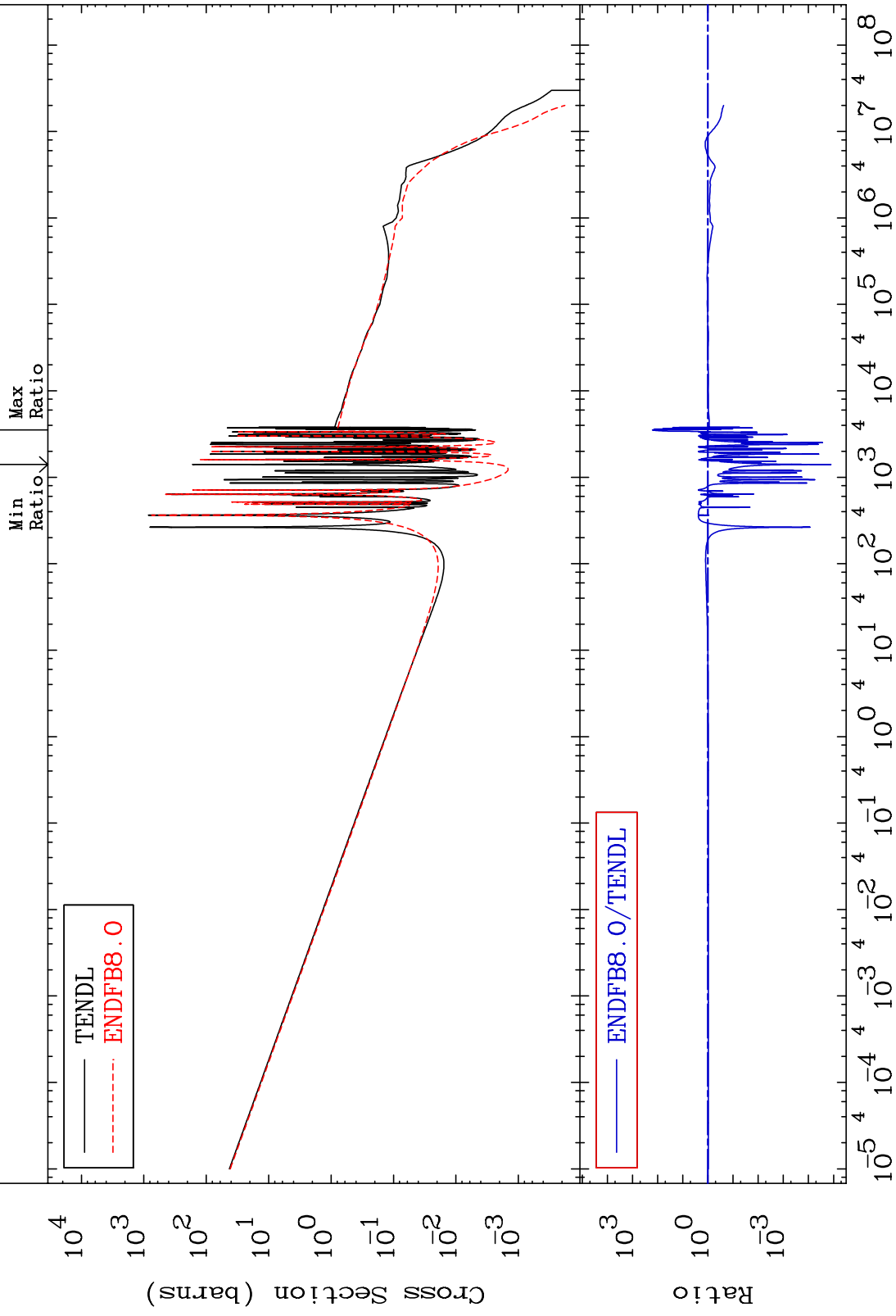
MAT 3825

(n, γ)

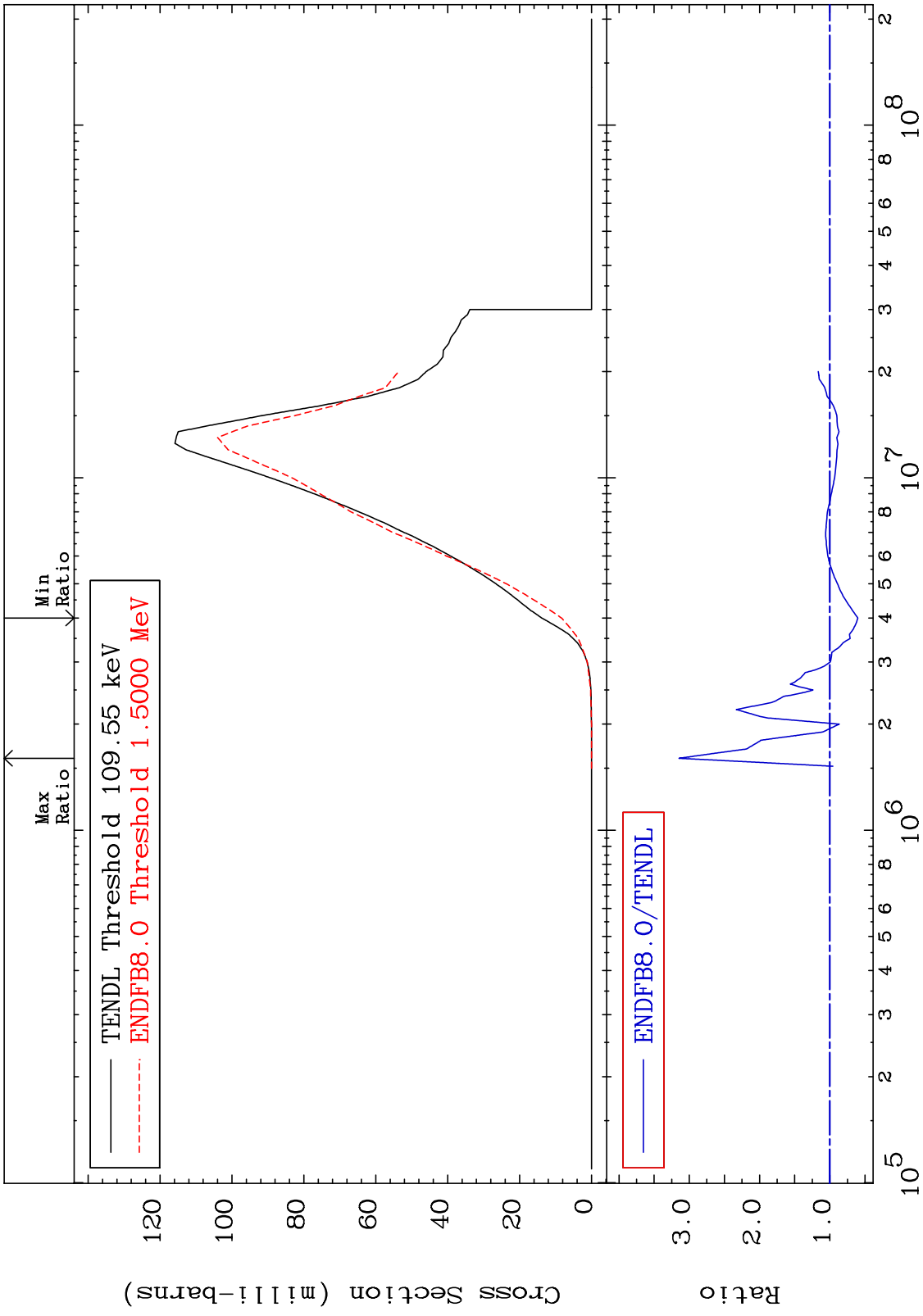
38-Sr-84

-100.0 To 9999. %

Cross Section



MAT 3825 (n,p) Cross Section 38-Sr-84 -39.82 To 214.5 %



18 38-Sr-84

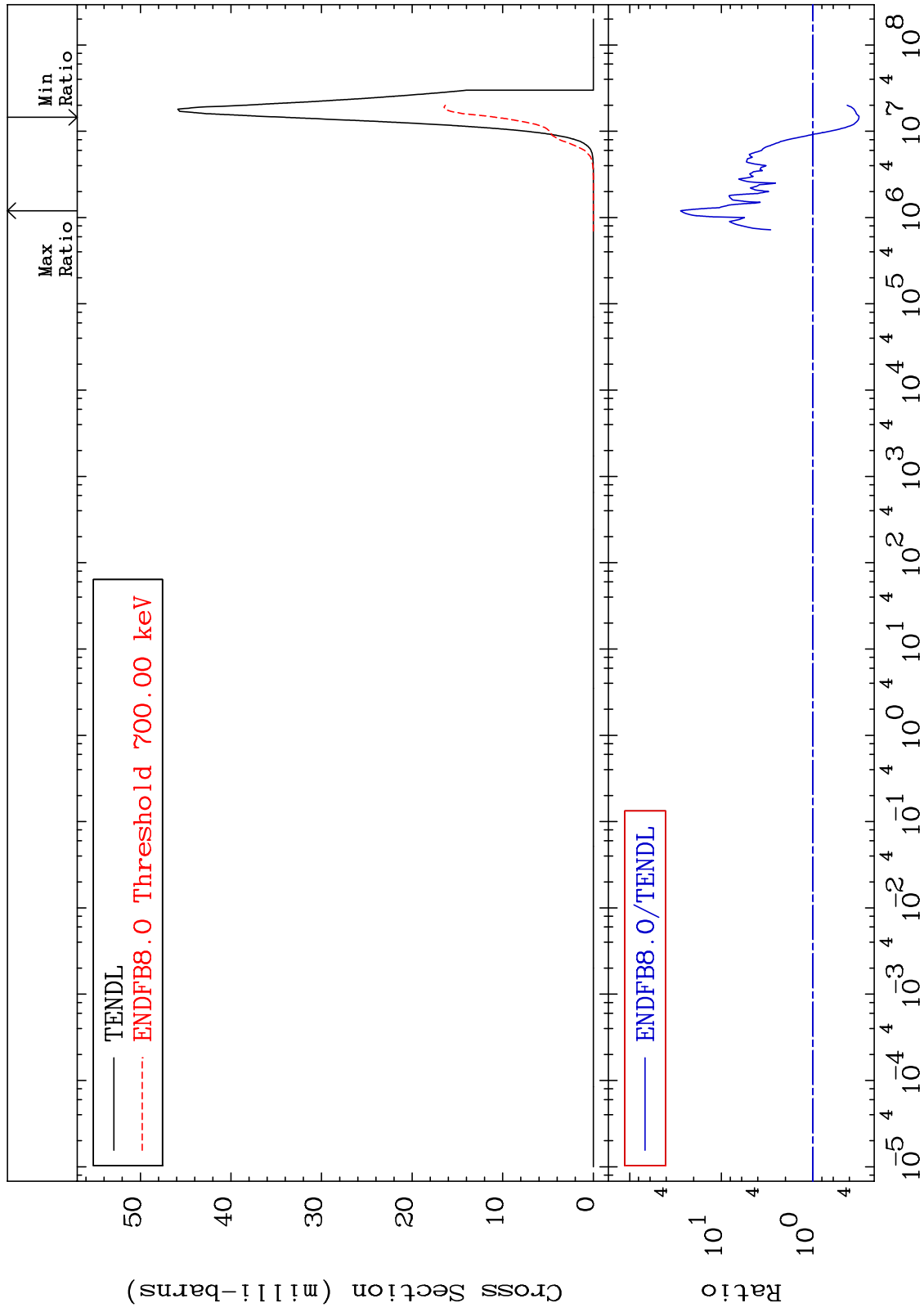
MAT 3825

(n, α)

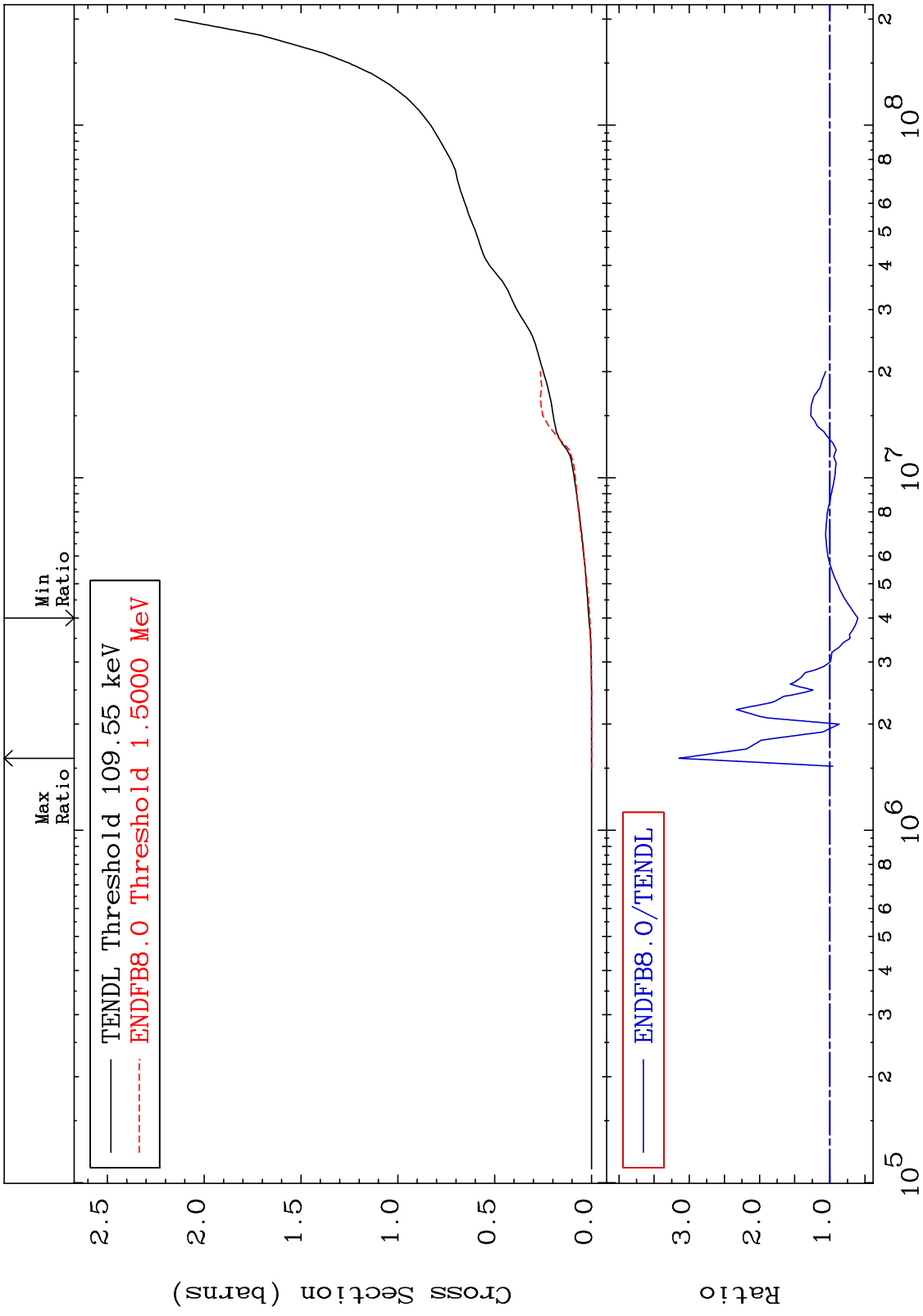
38-Sr-84

Cross Section

-68.53 To 2681. %



MAT 3825 38-Sr-84
 Hydrogen Production -39.82 To 214.5 %
 Cross Section

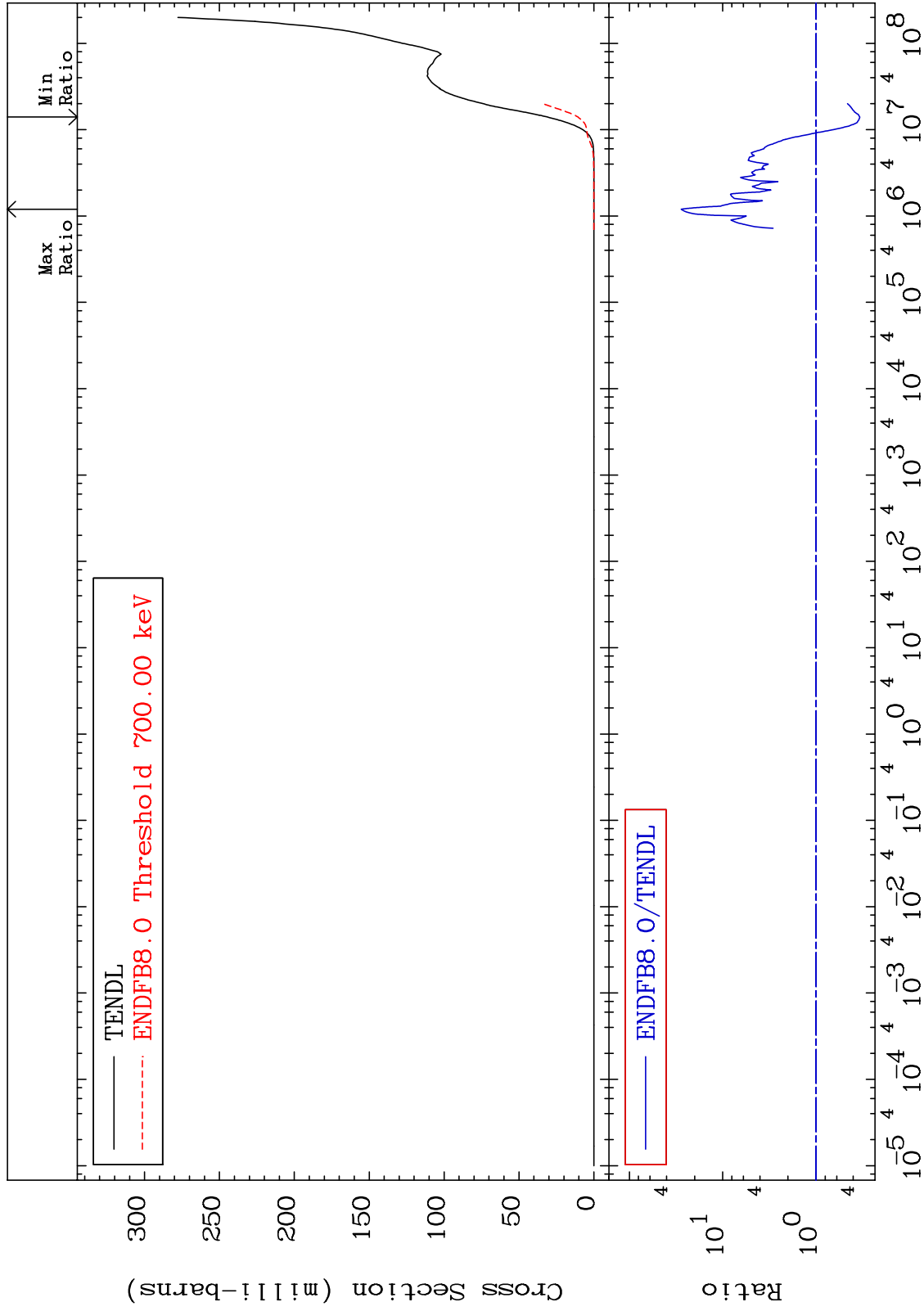


Incident Energy (eV) 38-Sr-84

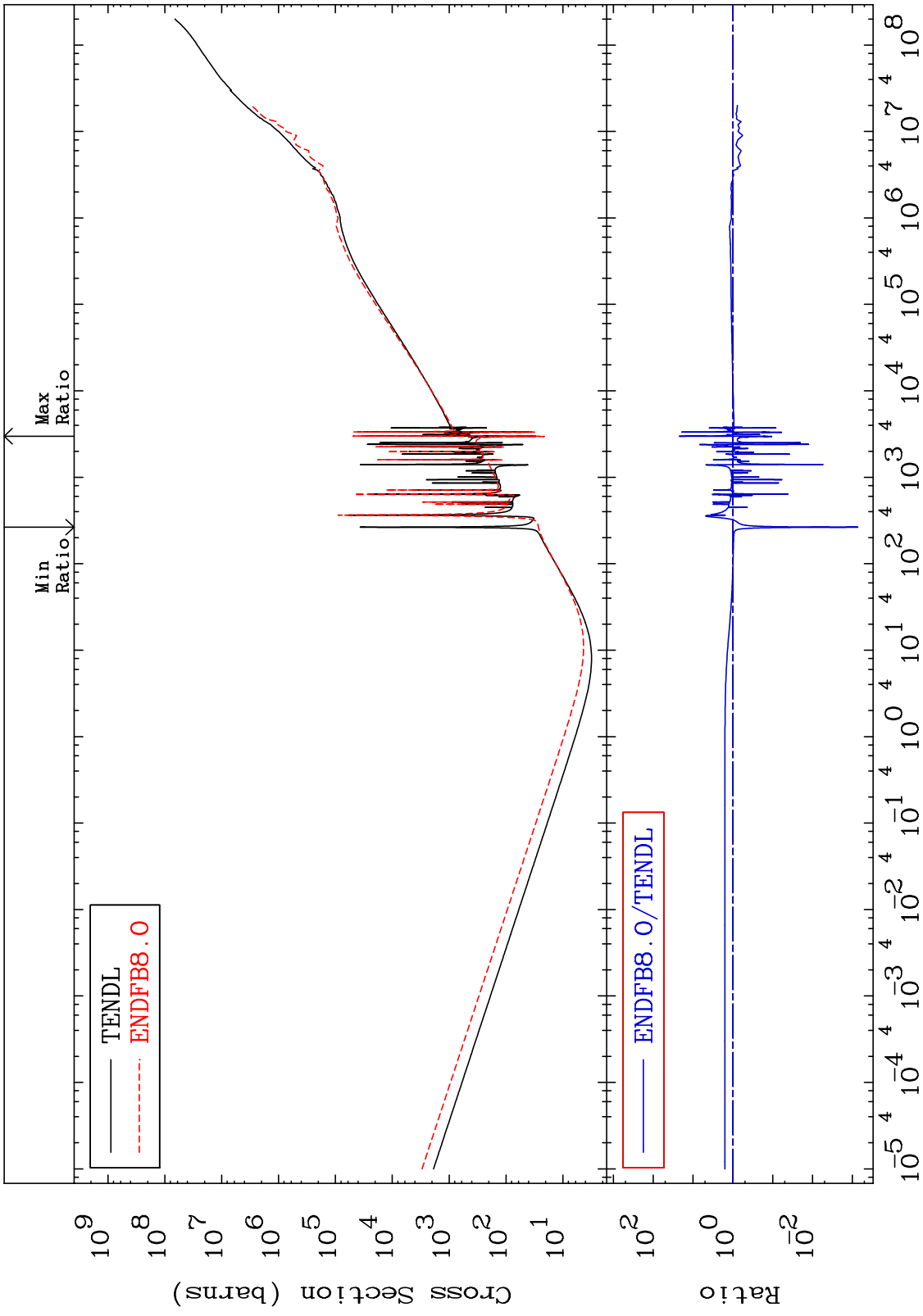
MAT 3825

He-4 Production
Cross Section

38-Sr-84
-65.95 To 2681. %



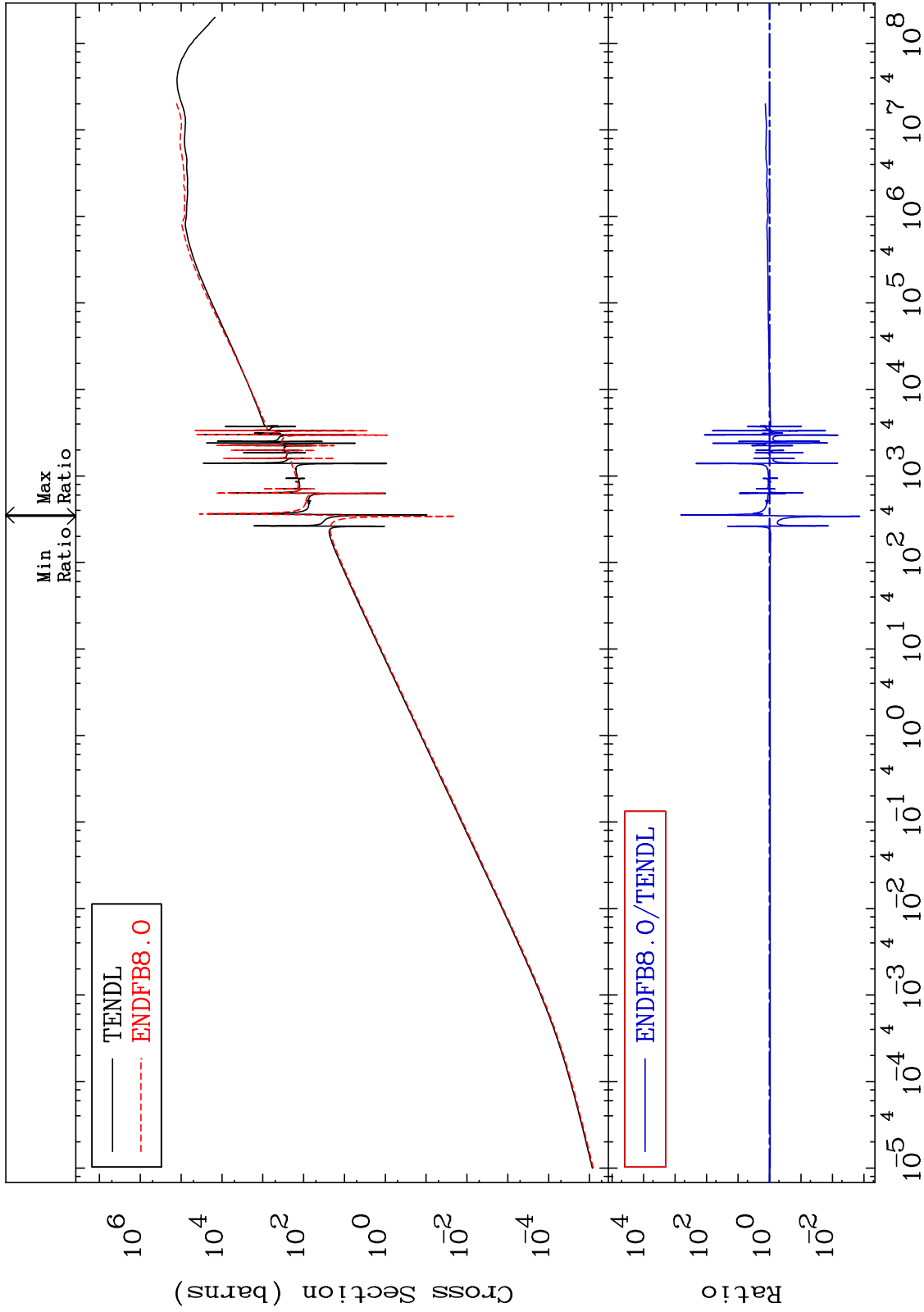
MAT 3825 Kerma total (eV-barns) 38-Sr-84
 Cross Section -99.93 To 2149. %



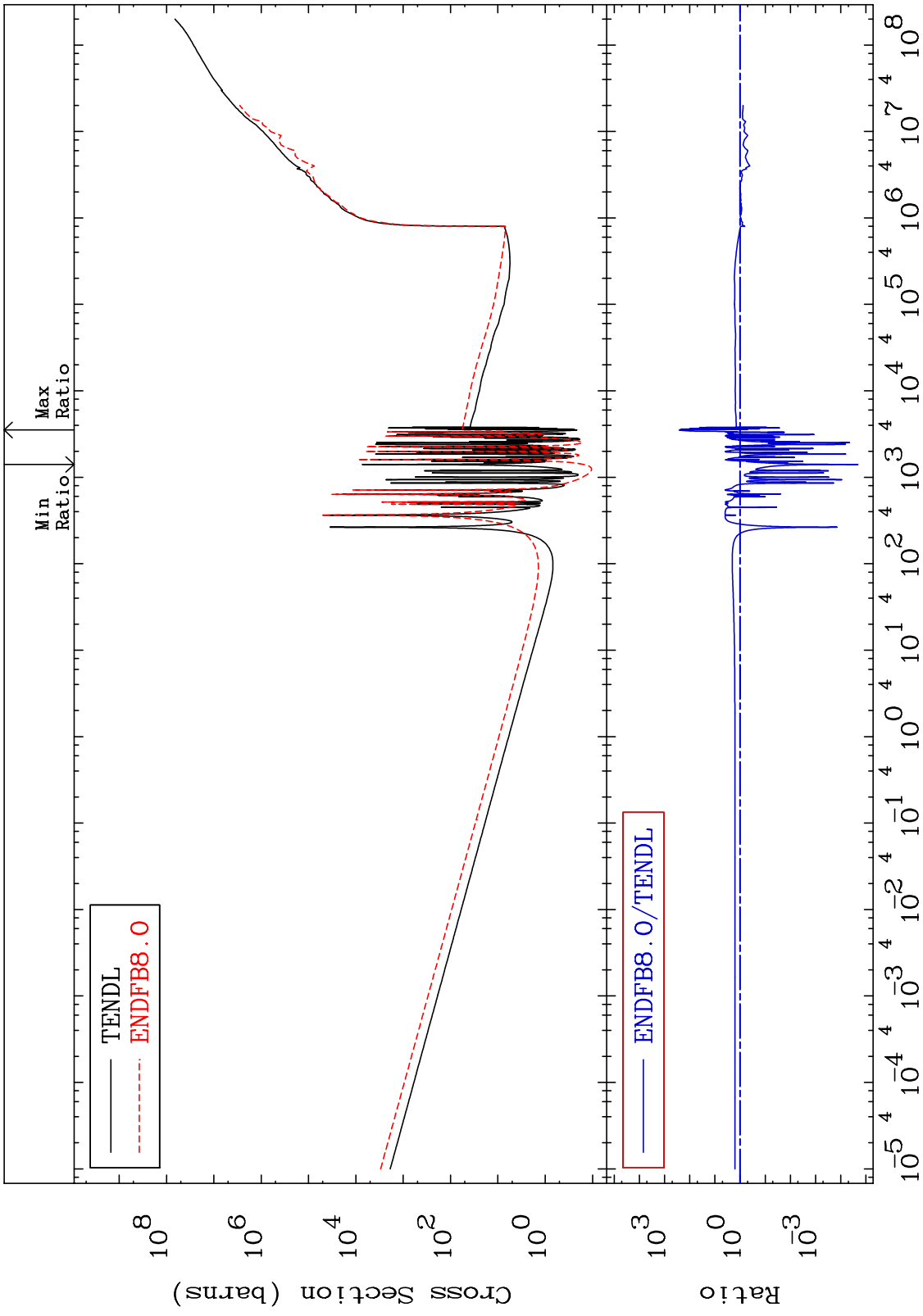
MAT 3825

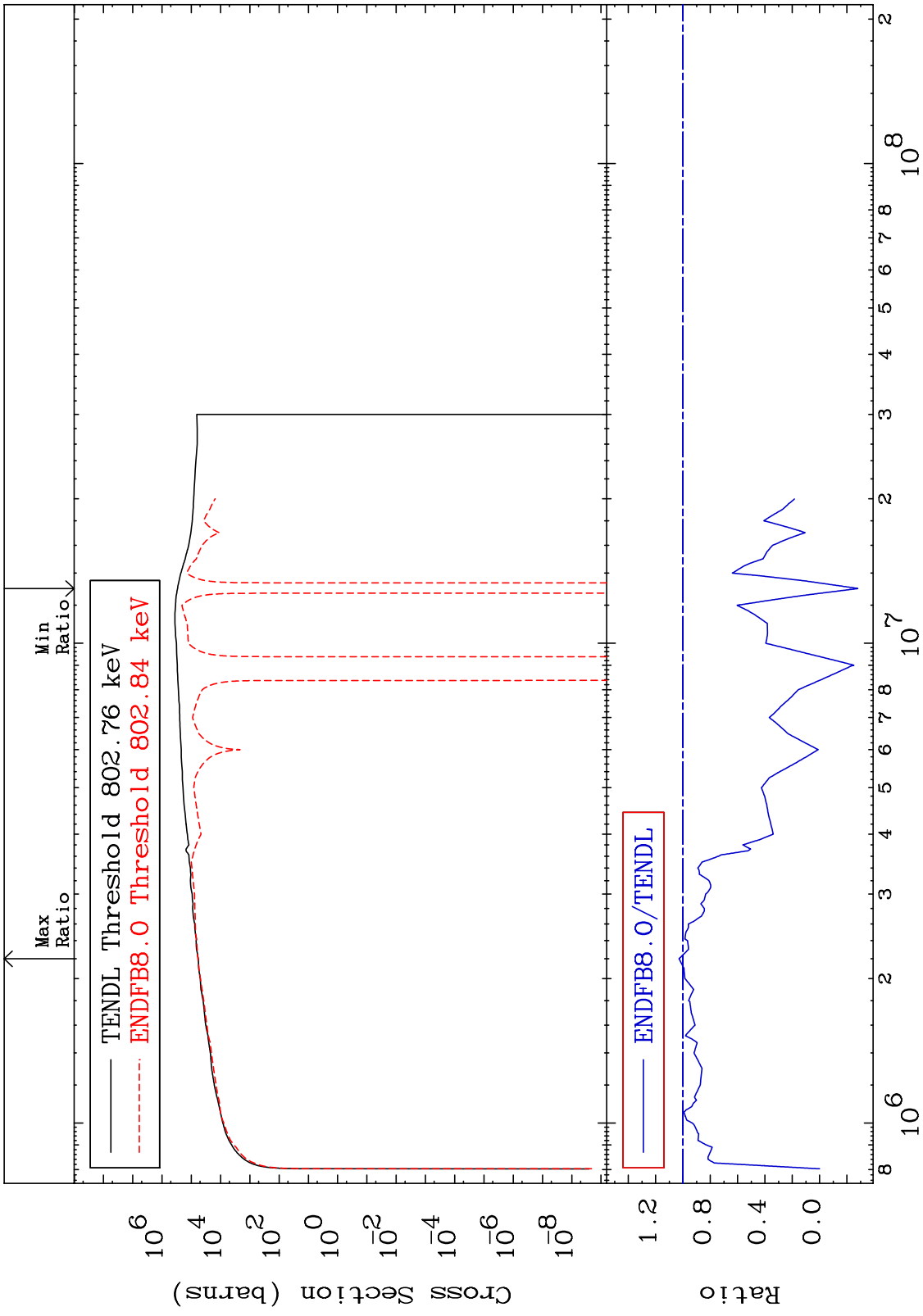
Kerma elastic
Cross Section

38-Sr-84
-99.86 To 9999. %

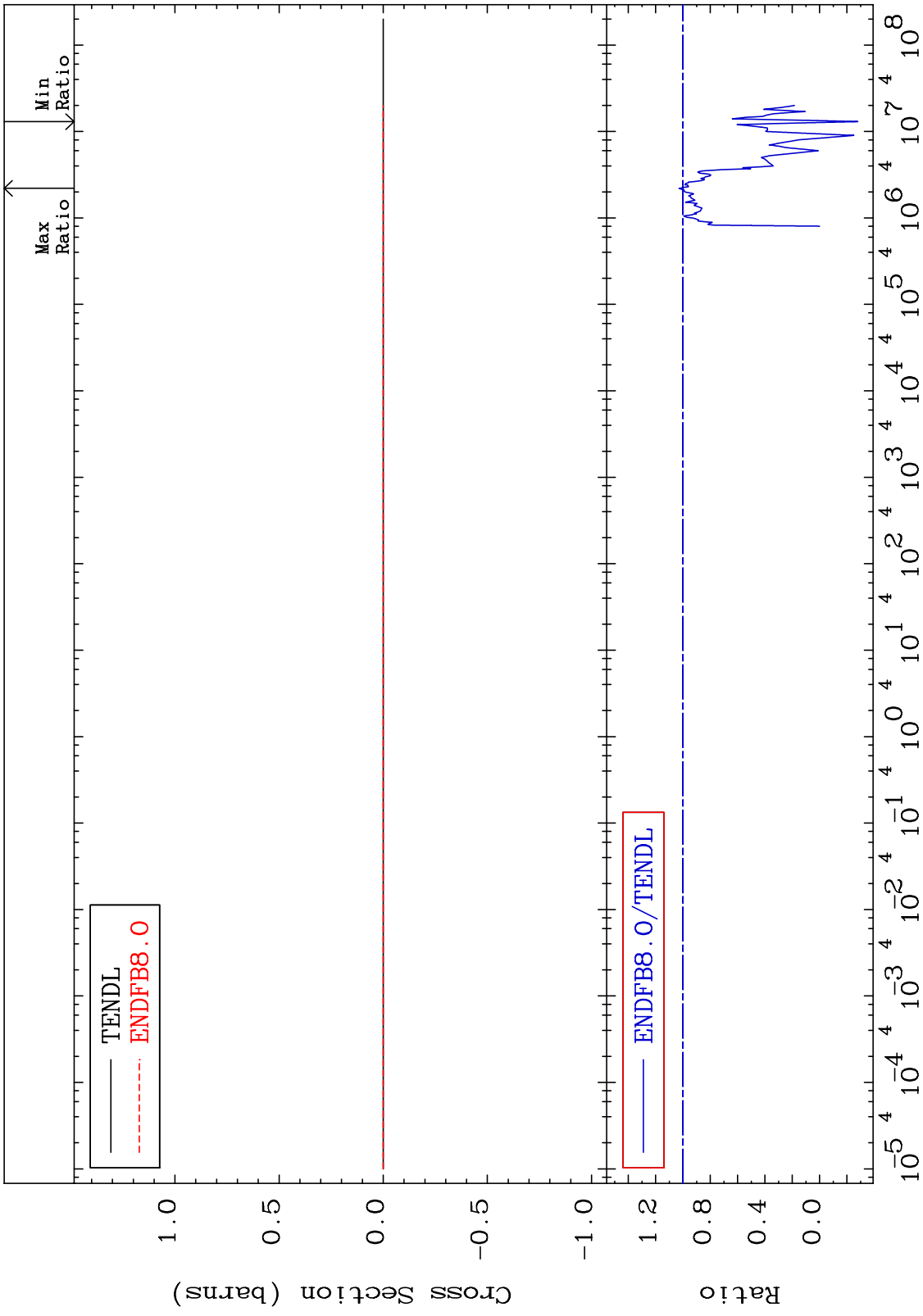


MAT 3825 Kerma non-elastic (all but mt2) 38-Sr-84
 Cross Section -100.0 To 9999. %





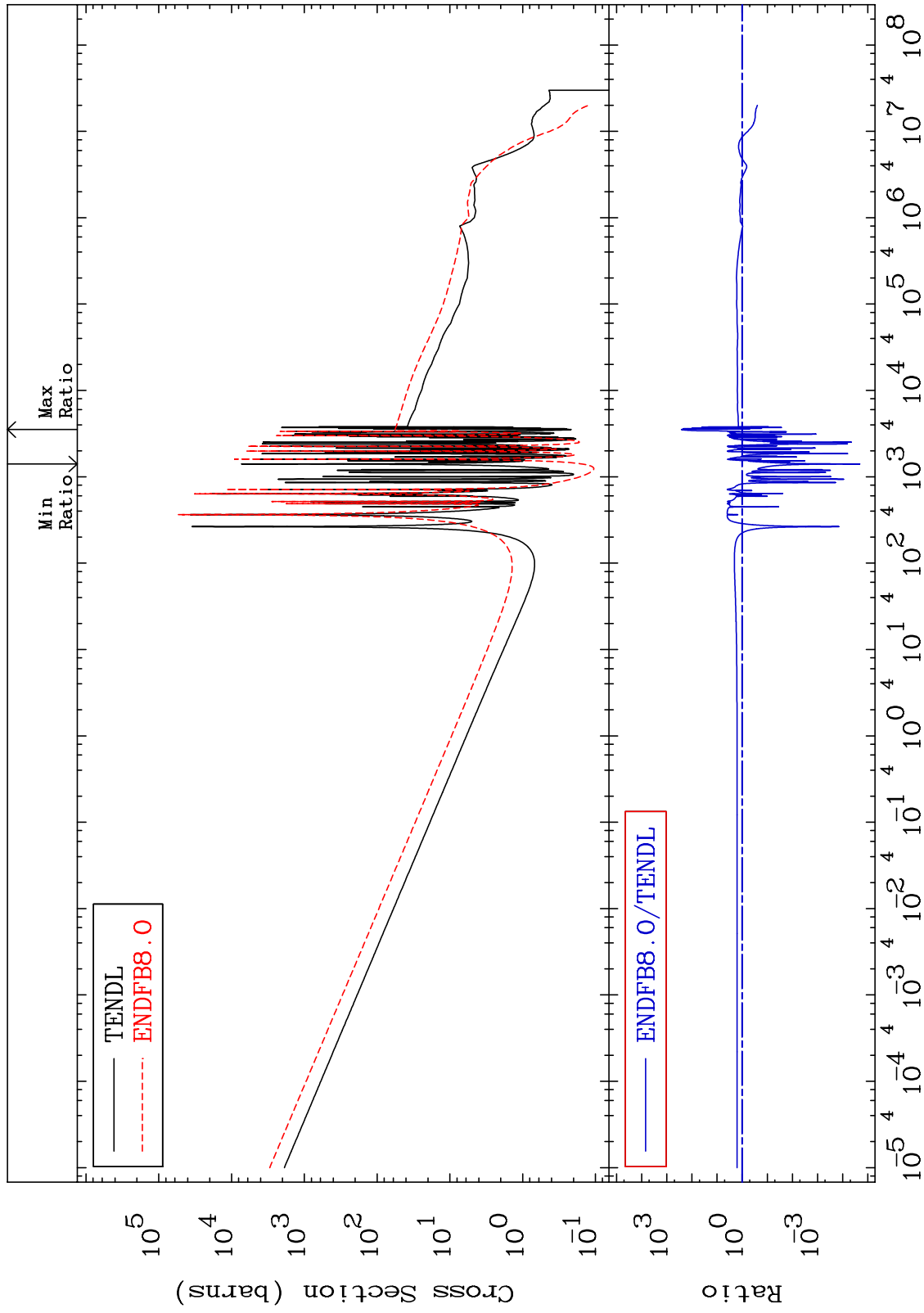
MAT 3825 Kerma fission (mt18 or mt19-20-21-38) 38-Sr-84
 Cross Section -128.0 To 2.838 %



MAT 3825

Kerma capture (mt102)
Cross Section

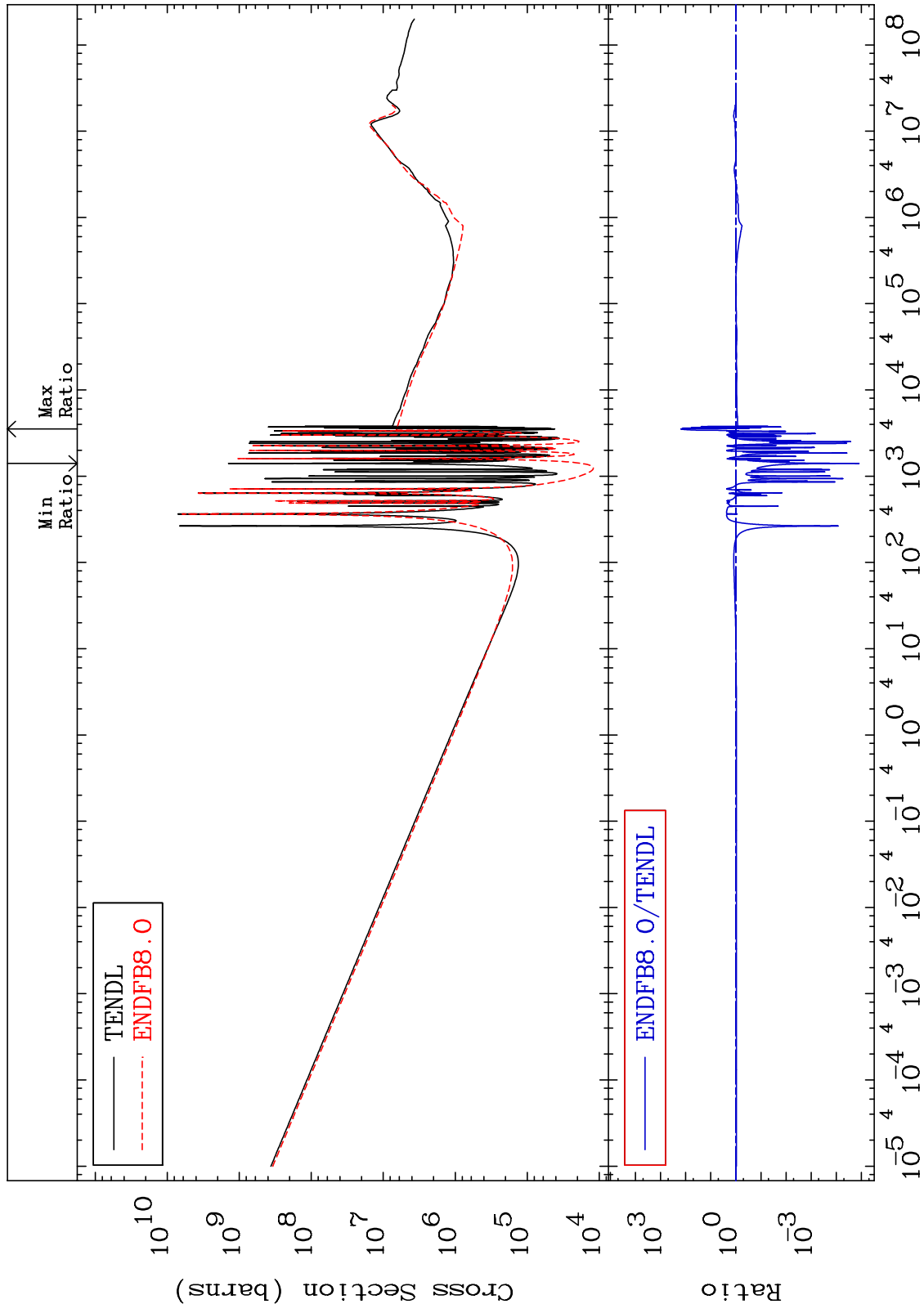
38-Sr-84
-100.0 To 9999. %



MAT 3825

Total photon (eV-barns)
Cross Section

38-Sr-84
-100.0 To 9999. %

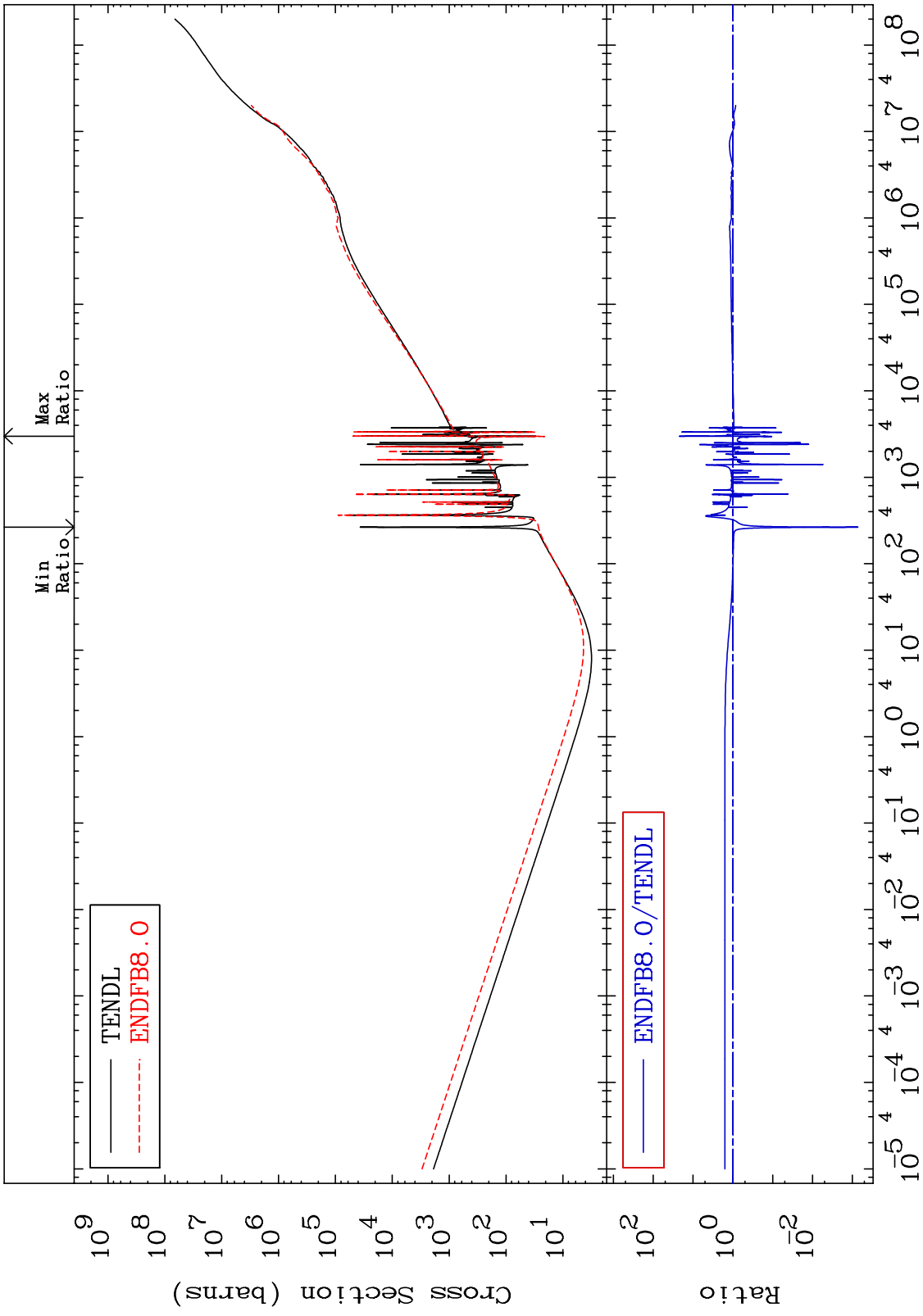


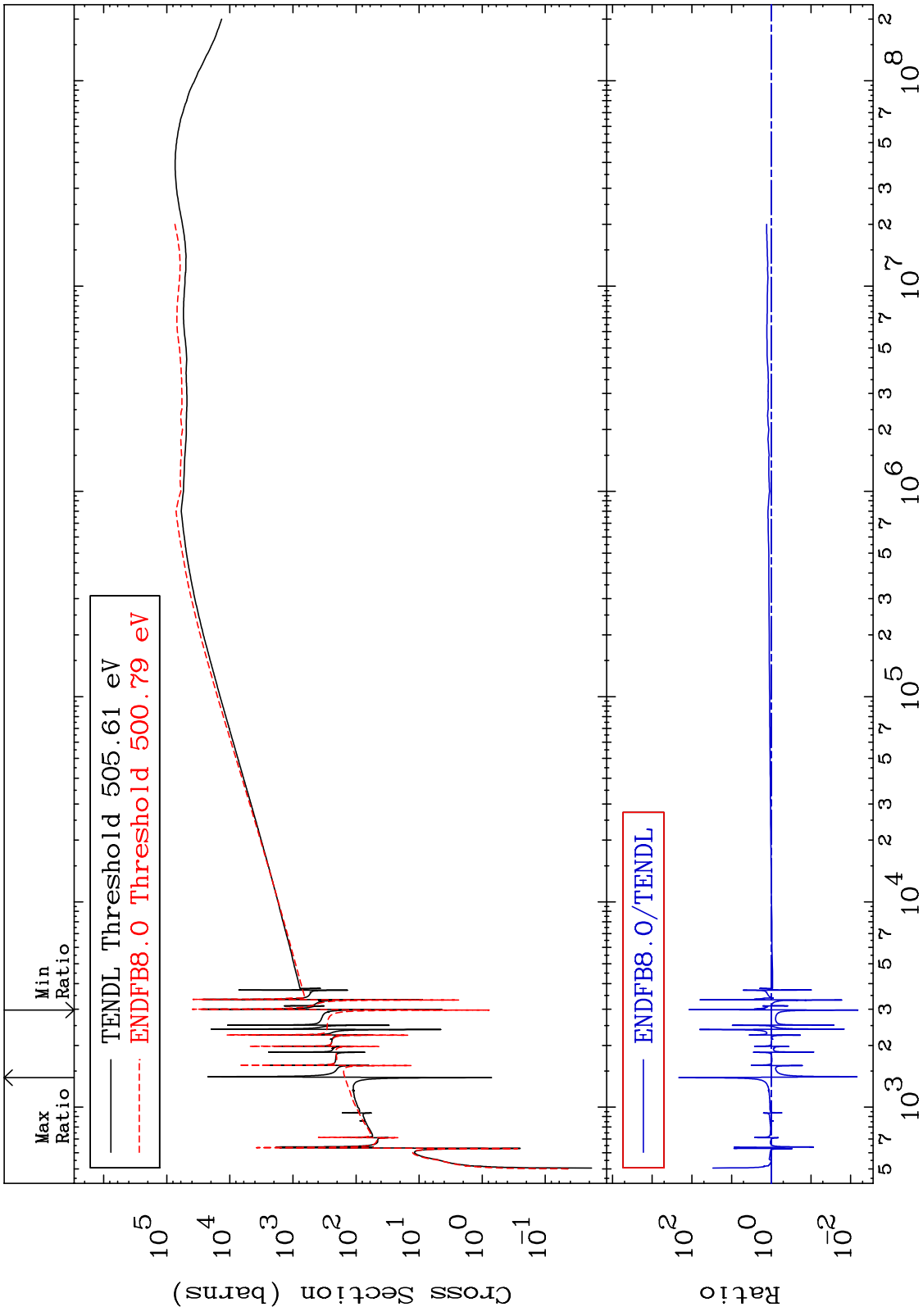
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Incident Energy (eV)

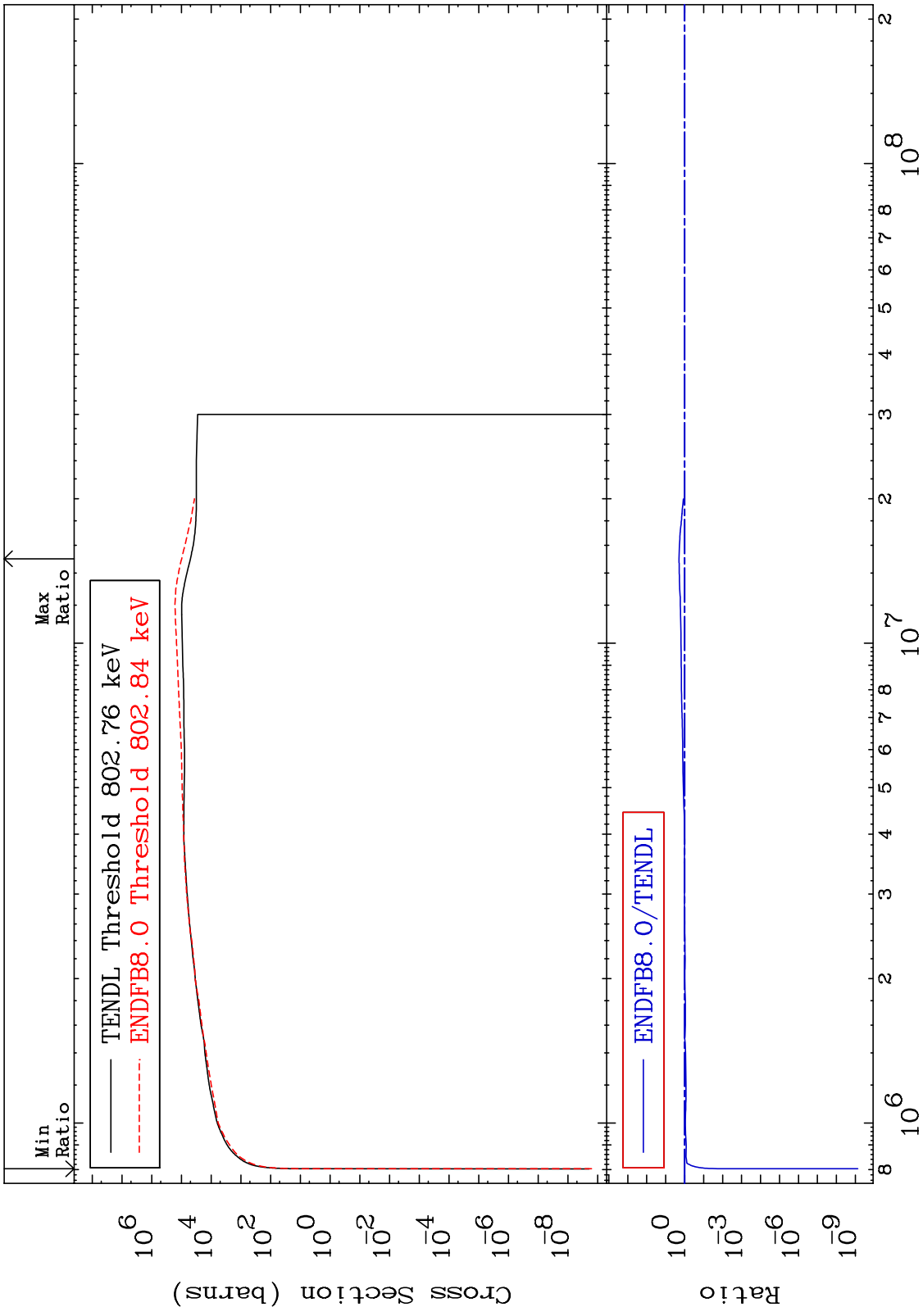
38-Sr-84

MAT 3825 Total kinematic kerma (high limit) 38-Sr-84
 Cross Section -99.93 To 2149. %





MAT 3825 Dpa inelastic (mt51-91) 38-Sr-84
 Cross Section -100.0 To 97.97 %



MAT 3825

Dpa disappearance (mt102 -120)
Cross Section

38-Sr-84
-100.0 To 9999. %

