

Program Complot  
(Version 2018-1)

by

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(Present Contact Information)

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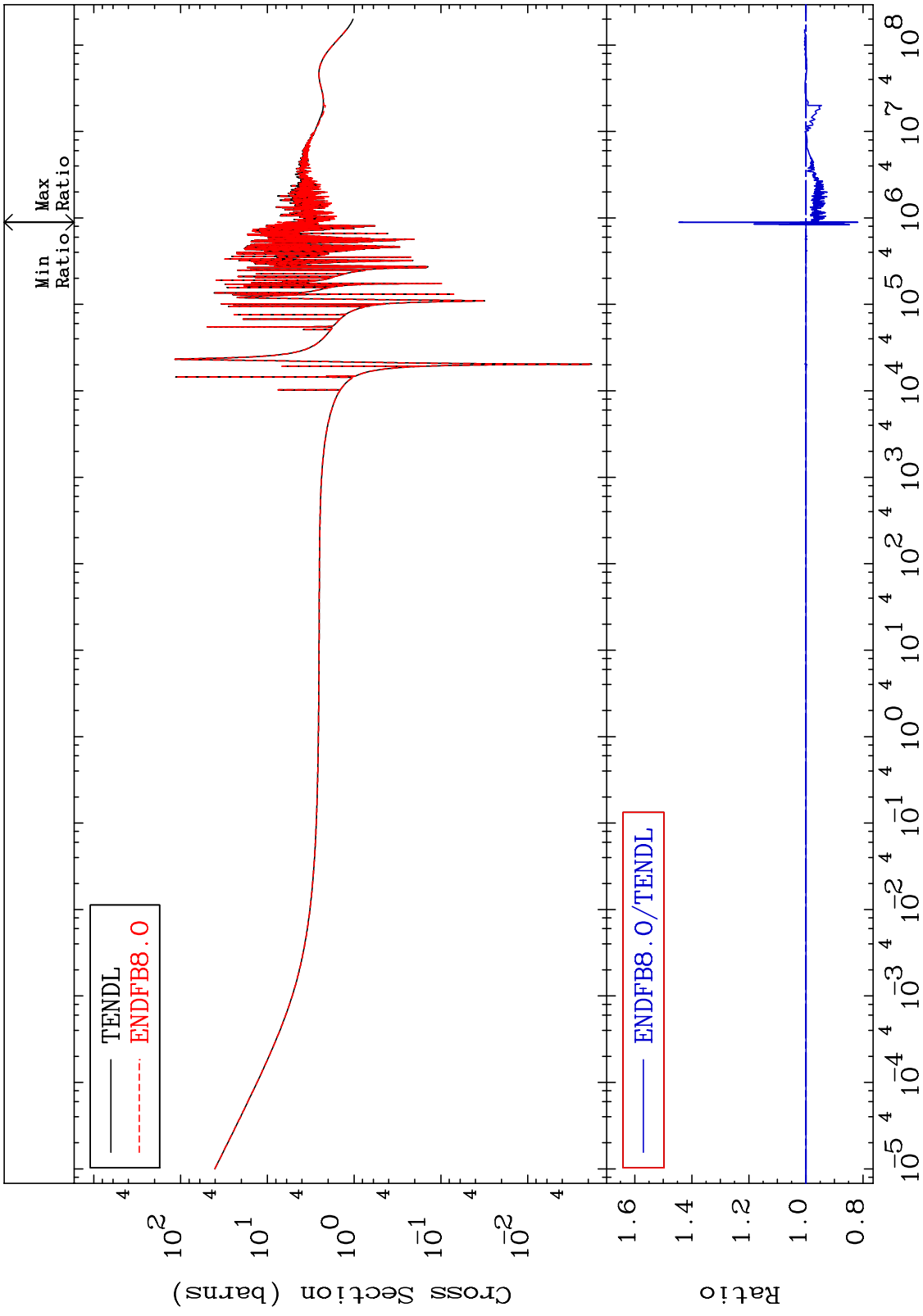
U.S.A.

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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2437 Total Cross Section 24-Cr-54  
-18.20 To 44.47 %

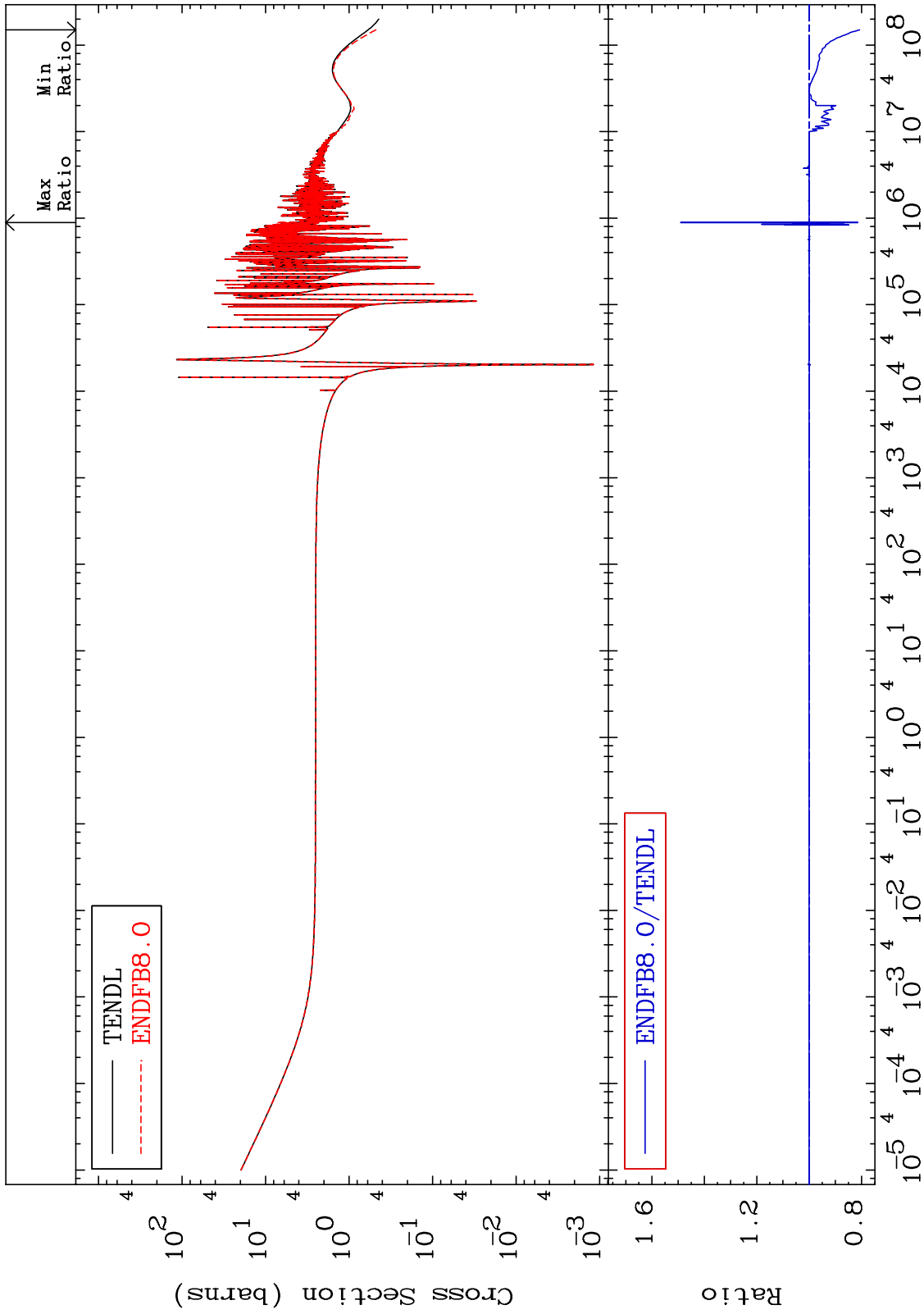


24-Cr-54

MAT 2437

Elastic  
Cross Section

24-Cr-54  
-19.29 To 48.99 %



2

Incident Energy (eV)

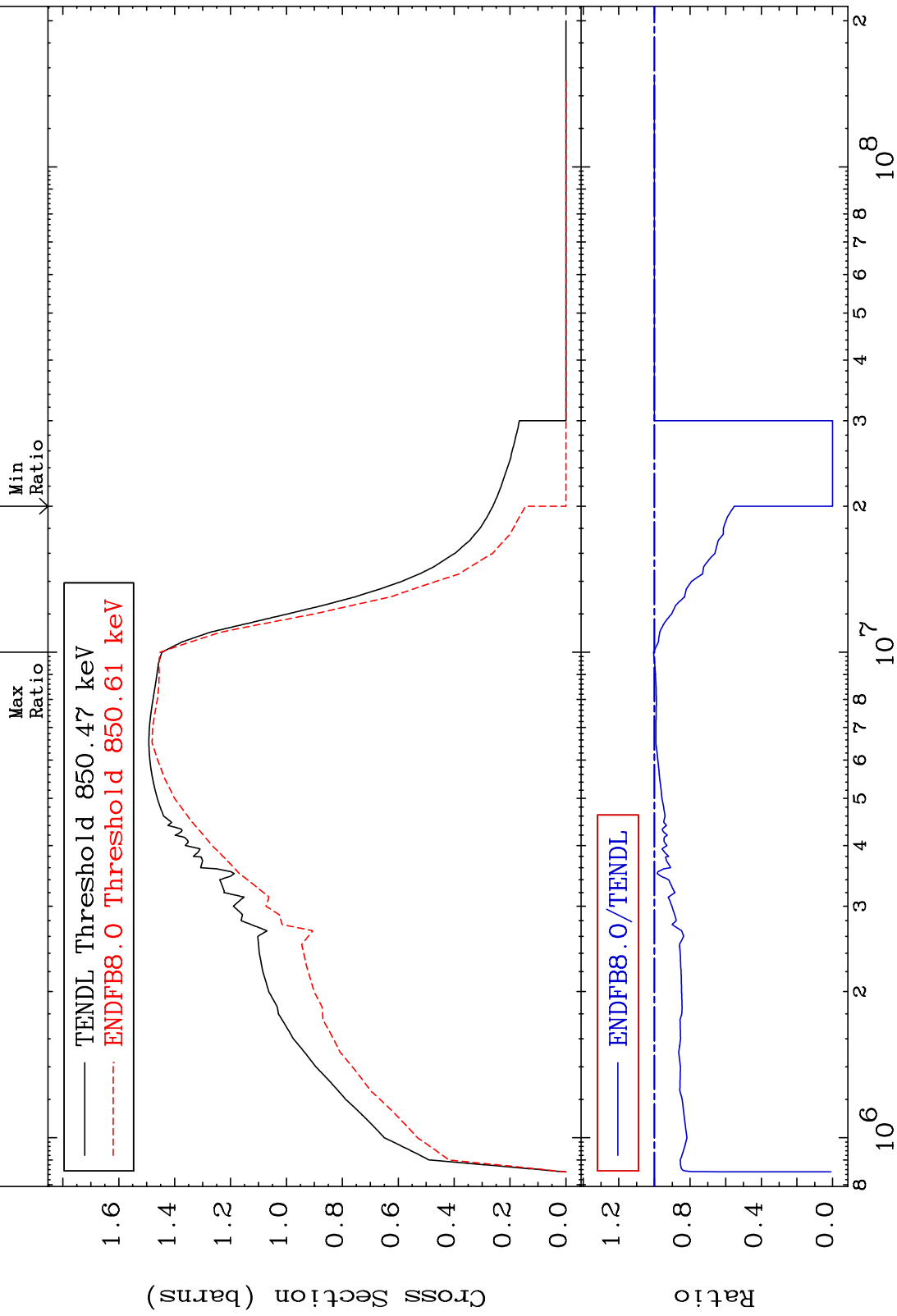
24-Cr-54

MAT 2437

24-Cr-54

-100.0 To 0.486 %

Inelastic  
Cross Section

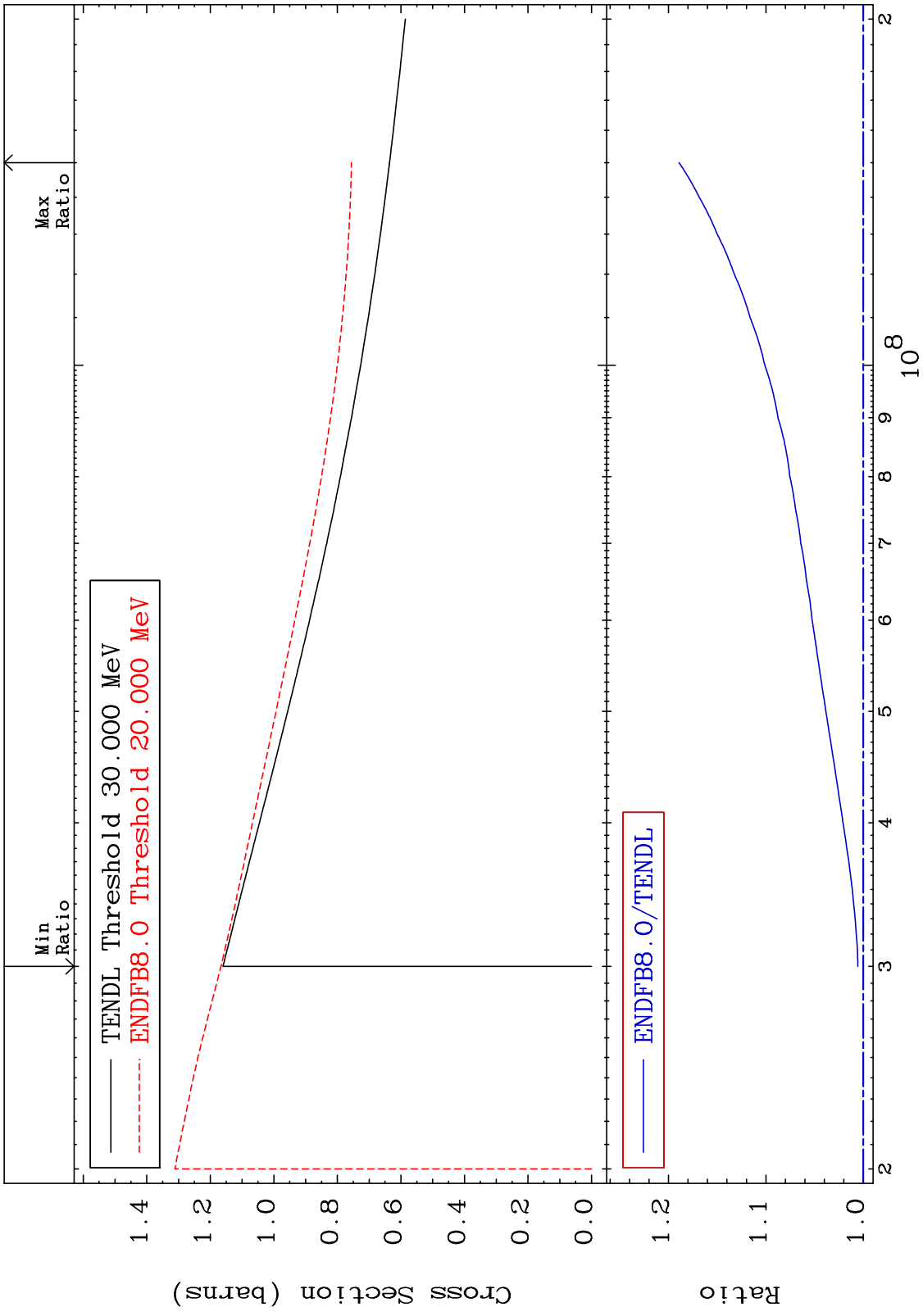


3

Incident Energy (eV)

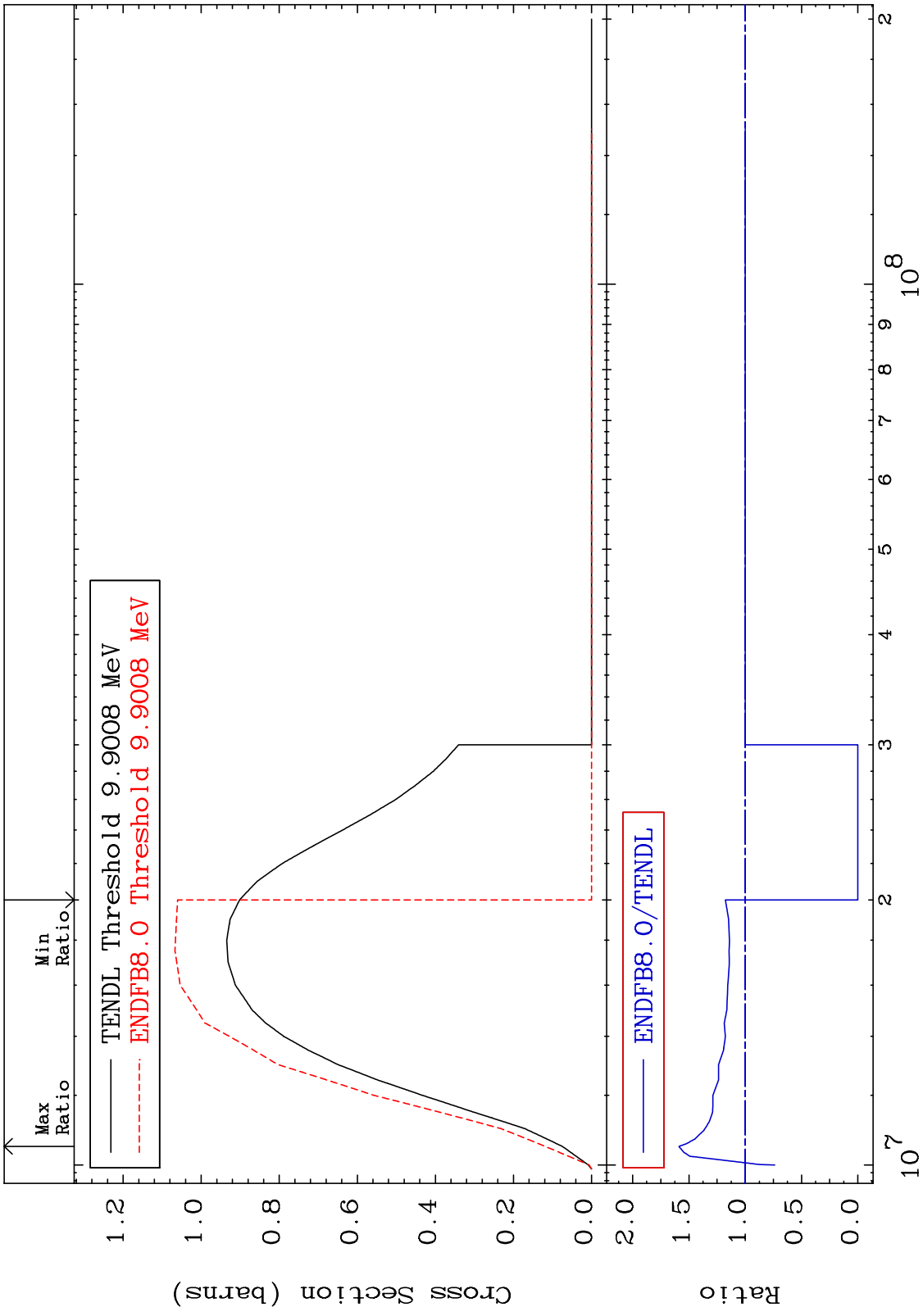
24-Cr-54

MAT 2437 (n, remainder) Cross Section 24-Cr-54 To 18.92 %



4 24-Cr-54

MAT 2437 (n,2n) Cross Section 24-Cr-54  
-100.0 To 58.79 %

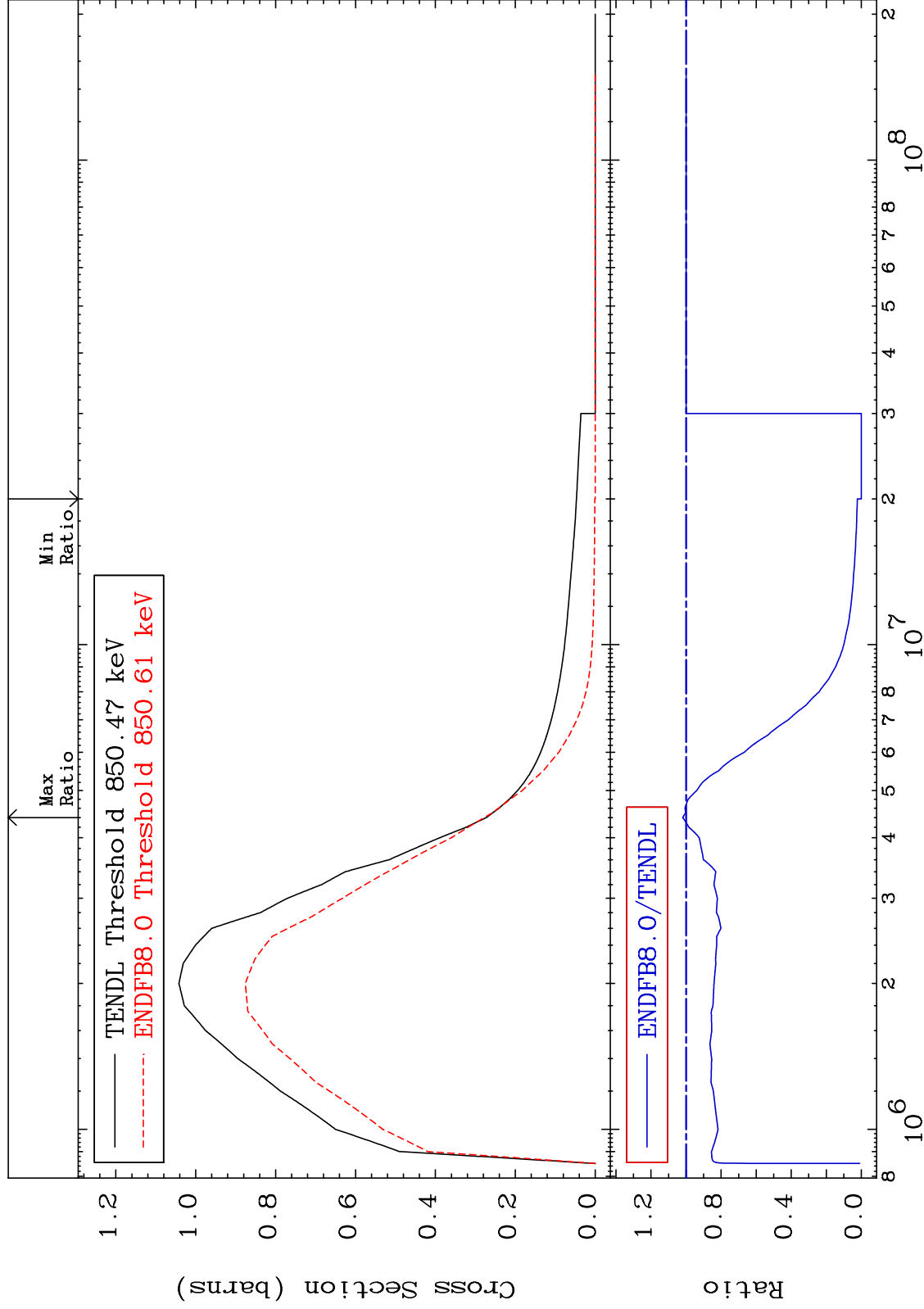


24-Cr-54

MAT 2437

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

24-Cr-54  
-100.0 To 1.926 %

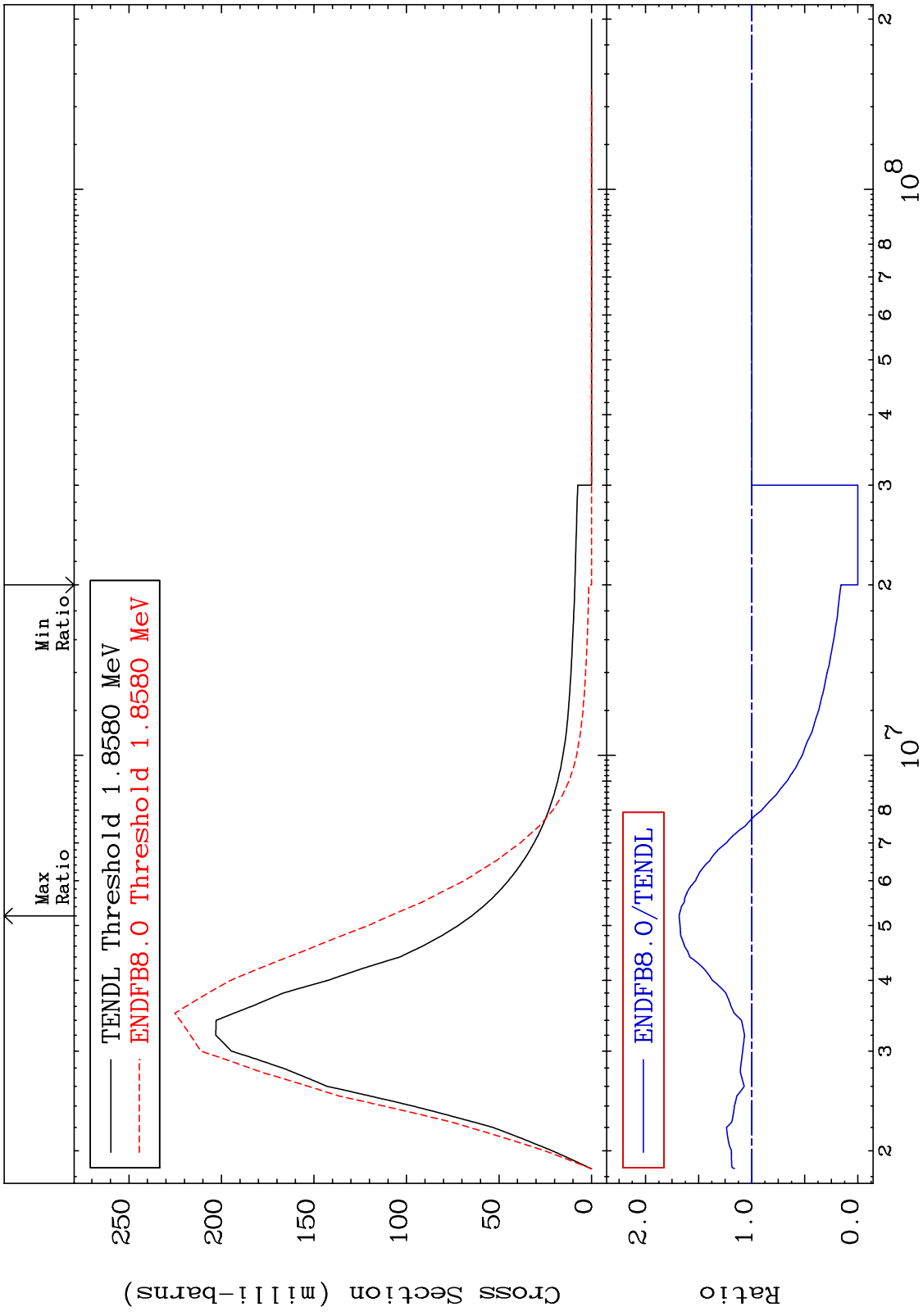


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Incident Energy (eV)

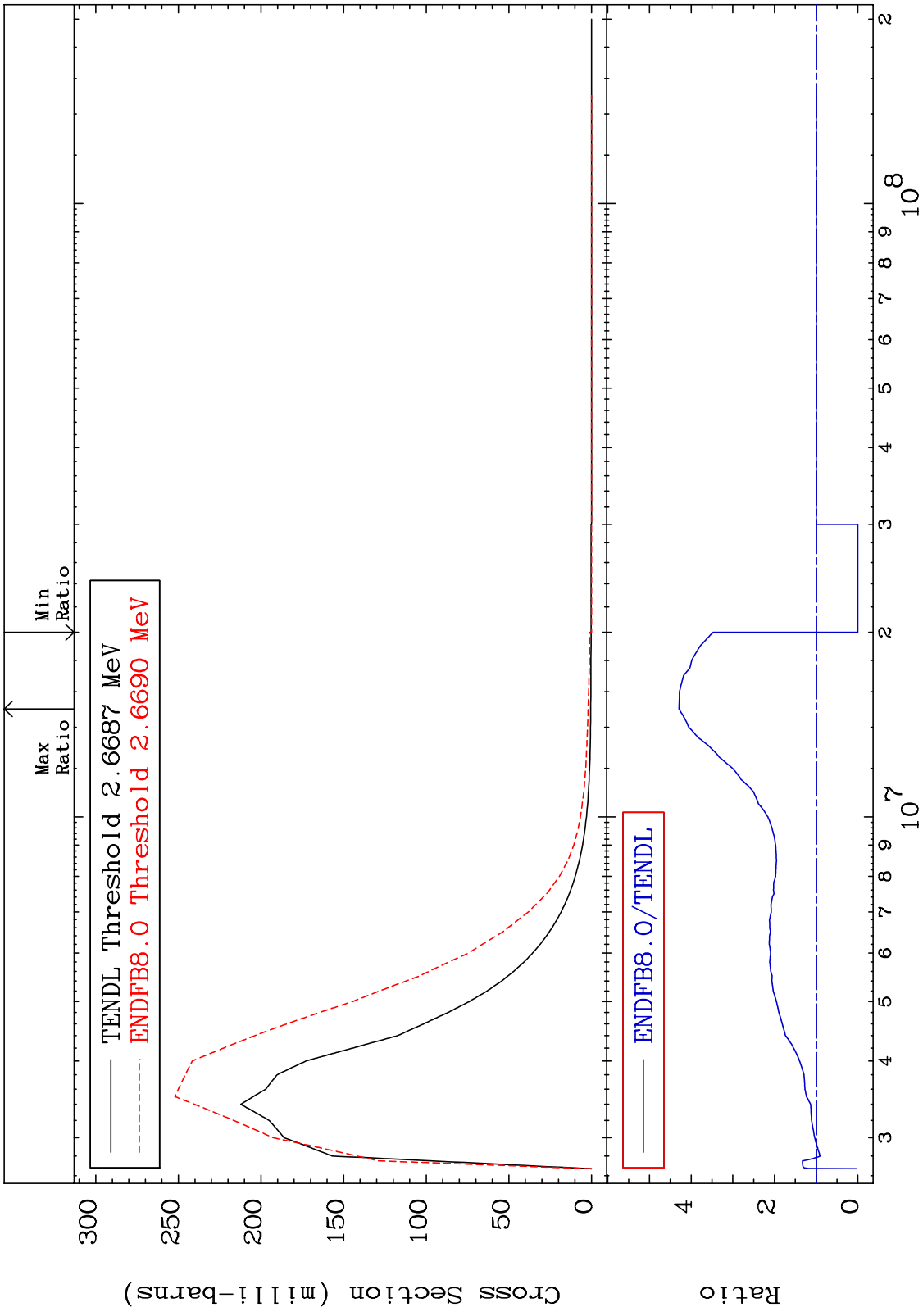
24-Cr-54

MAT 2437 MT= 52 (n,n') Level Cross Section -100.0 To 68.42 % 24-Cr-54



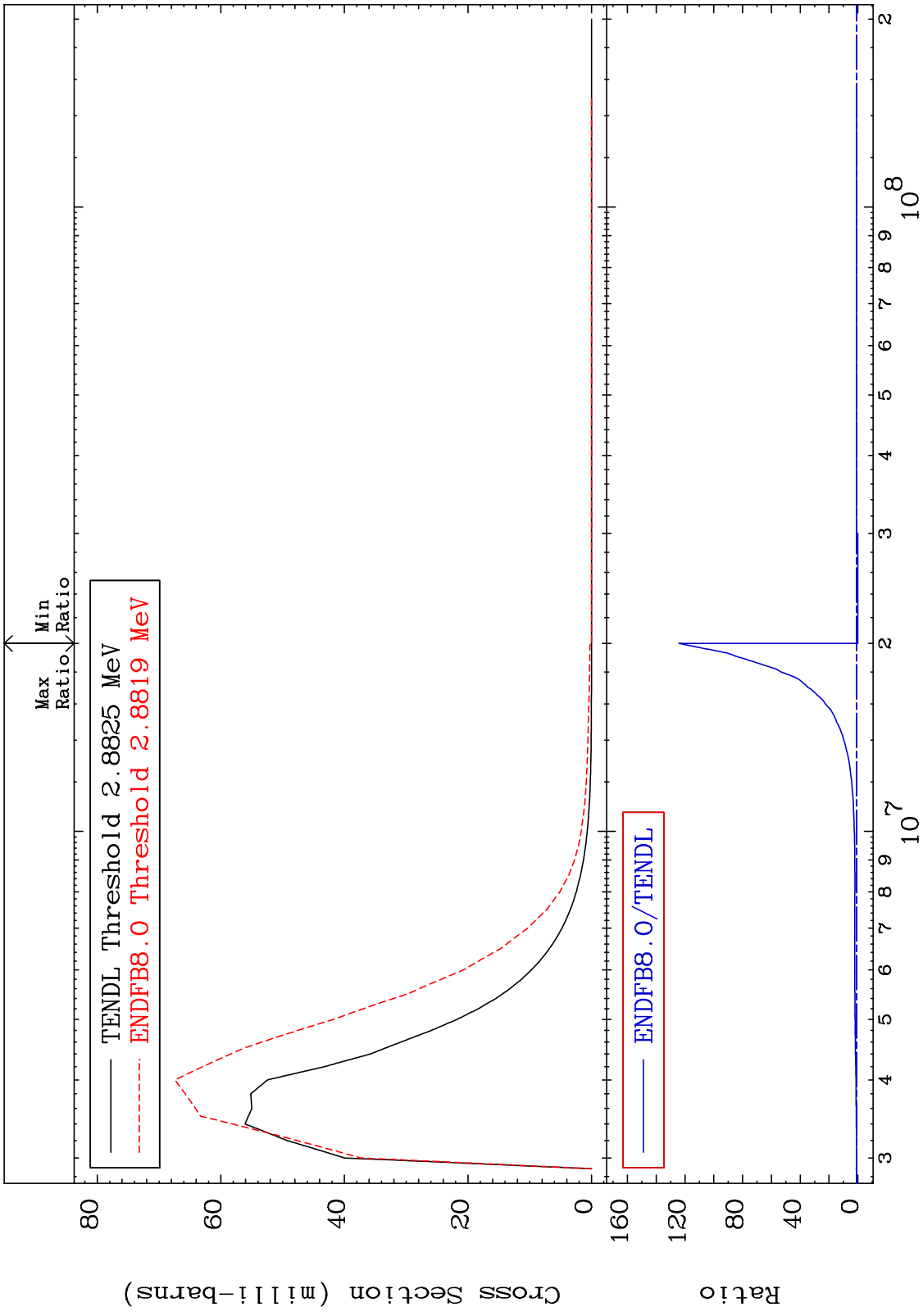


MAT 2437 MT= 53 (n,n') Level Cross Section -100.0 To 329.0 % 24-Cr-54



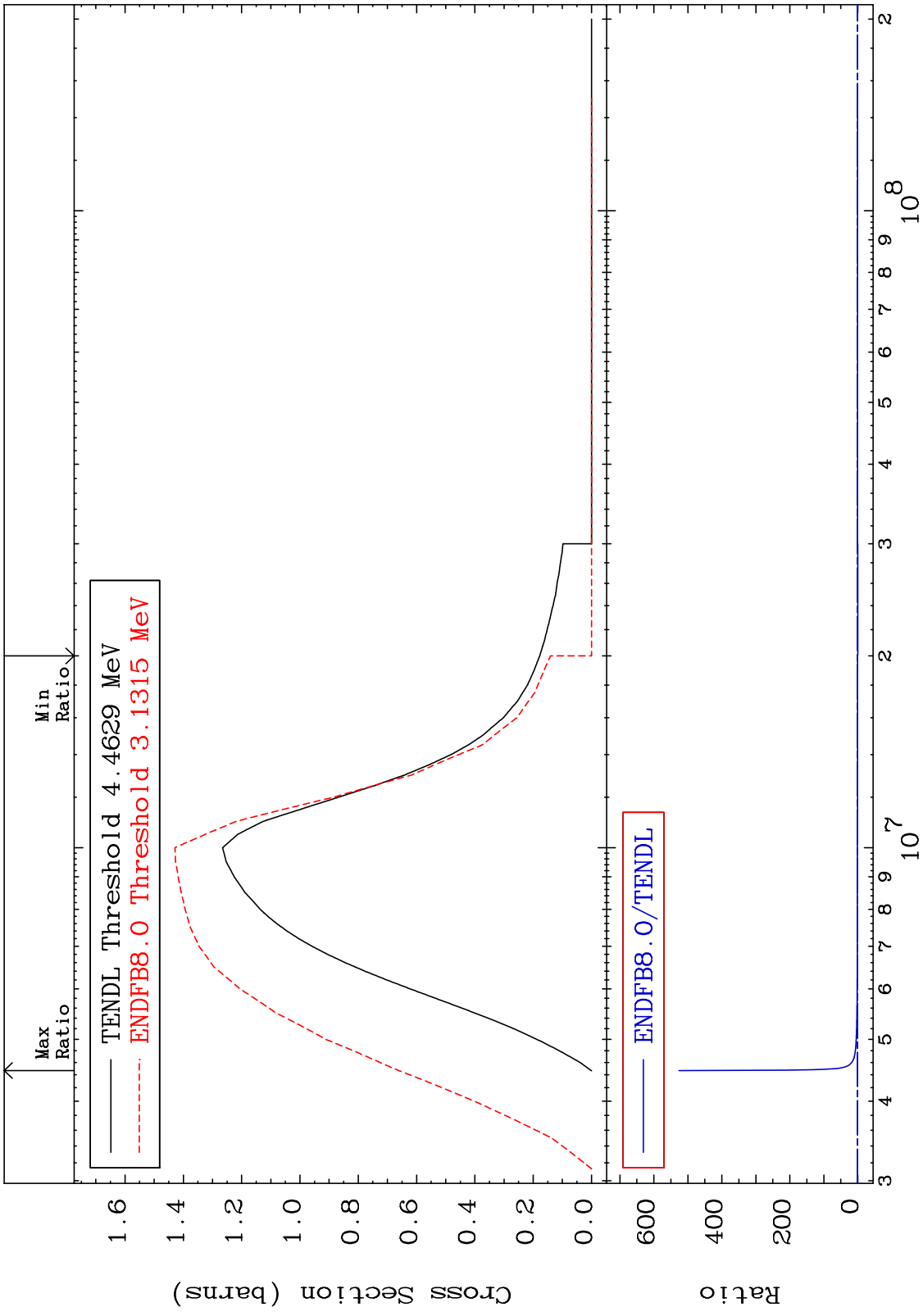
8 Incident Energy (eV) 24-Cr-54

MAT 2437 MT= 54 (n,n') Level Cross Section -100.0 To 9999. % 24-Cr-54



9 Incident Energy (eV) 24-Cr-54

MAT 2437 (n,n') Continuum Cross Section -100.0 To 9999. % 24-Cr-54



10 Incident Energy (eV) 24-Cr-54

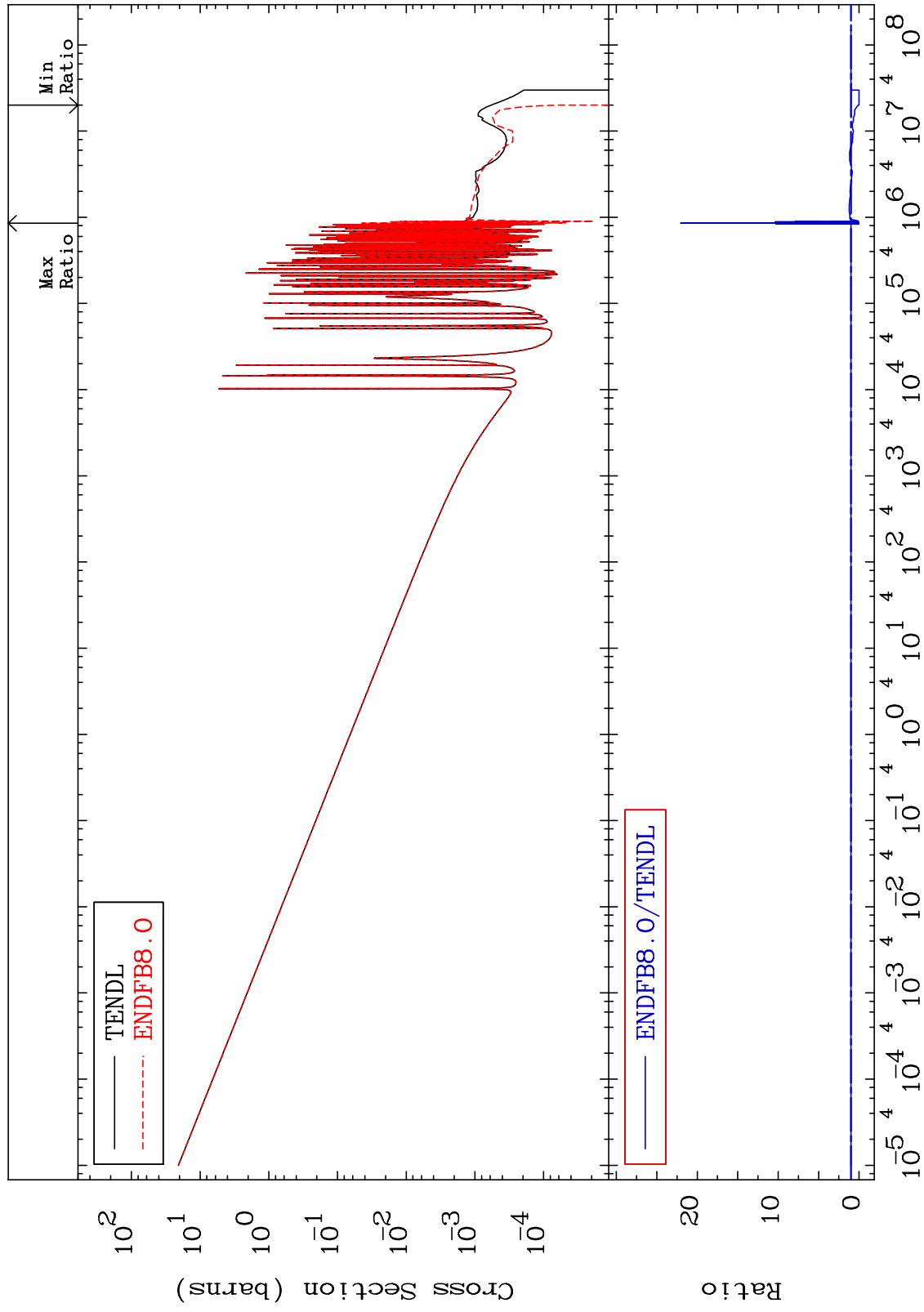
MAT 2437

(n,  $\gamma$ )

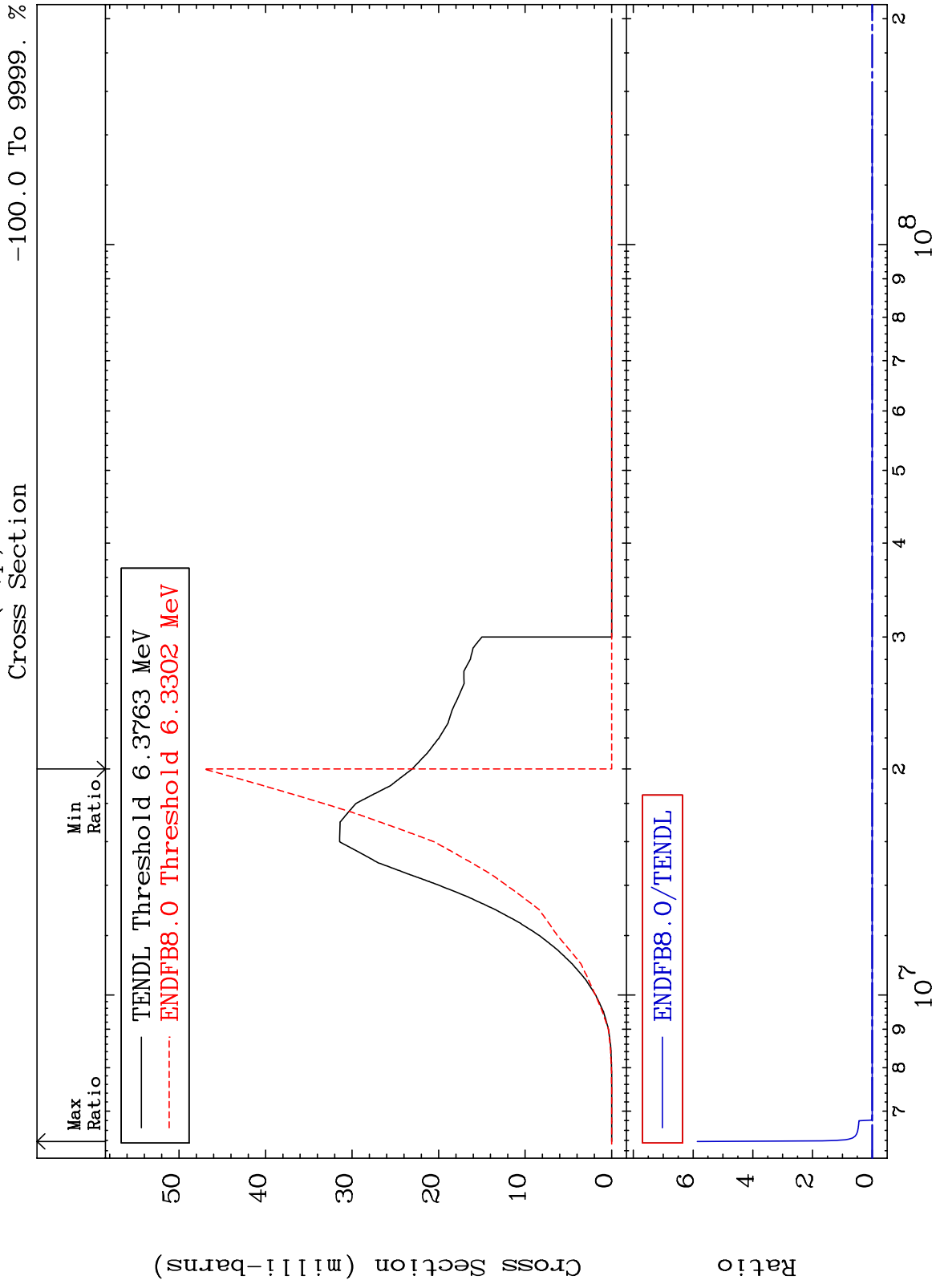
24-Cr-54

Cross Section

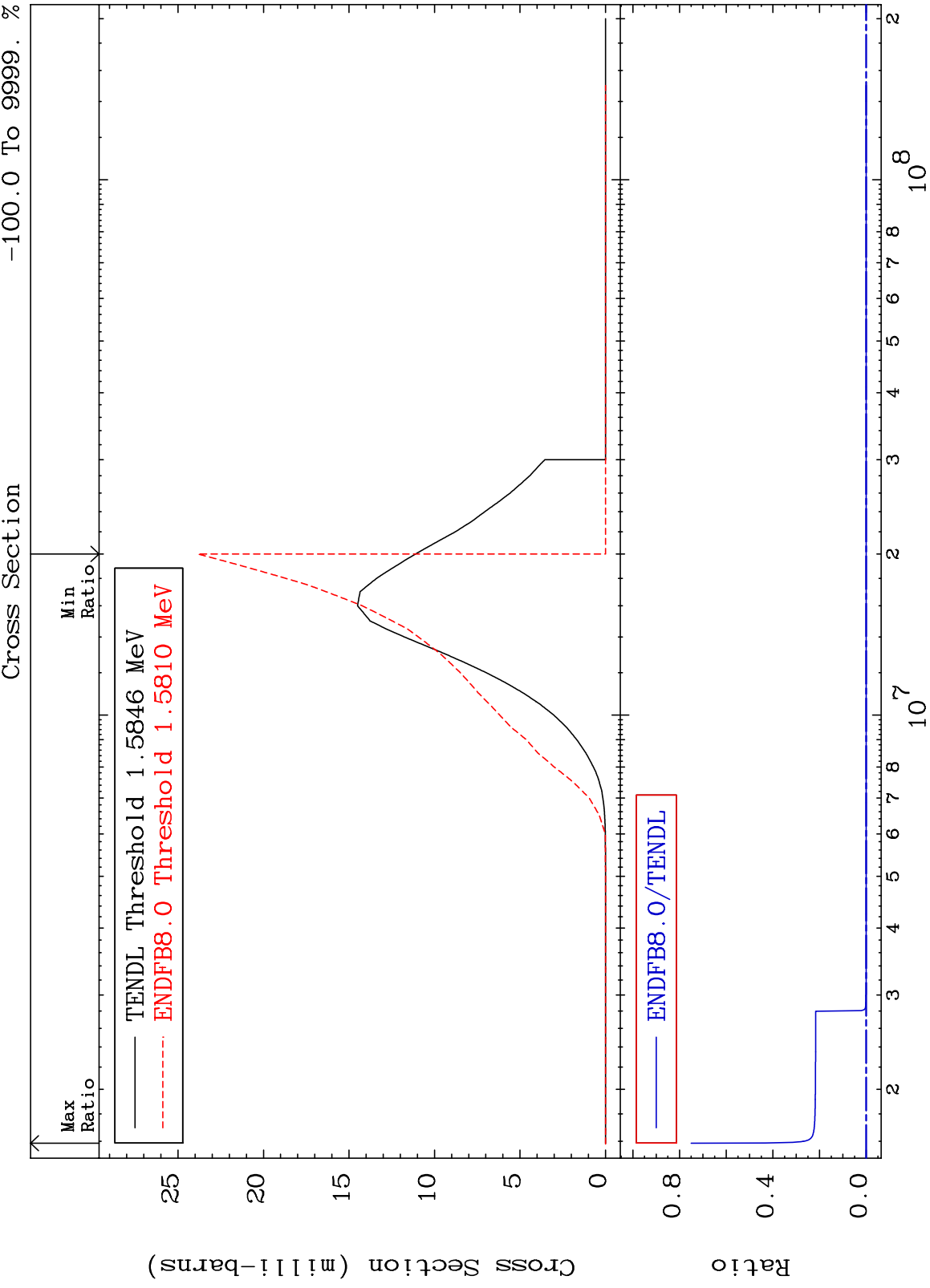
-100.0 To 2103. %



MAT 2437 (n,p) 24-Cr-54 -100.0 To 9999. %



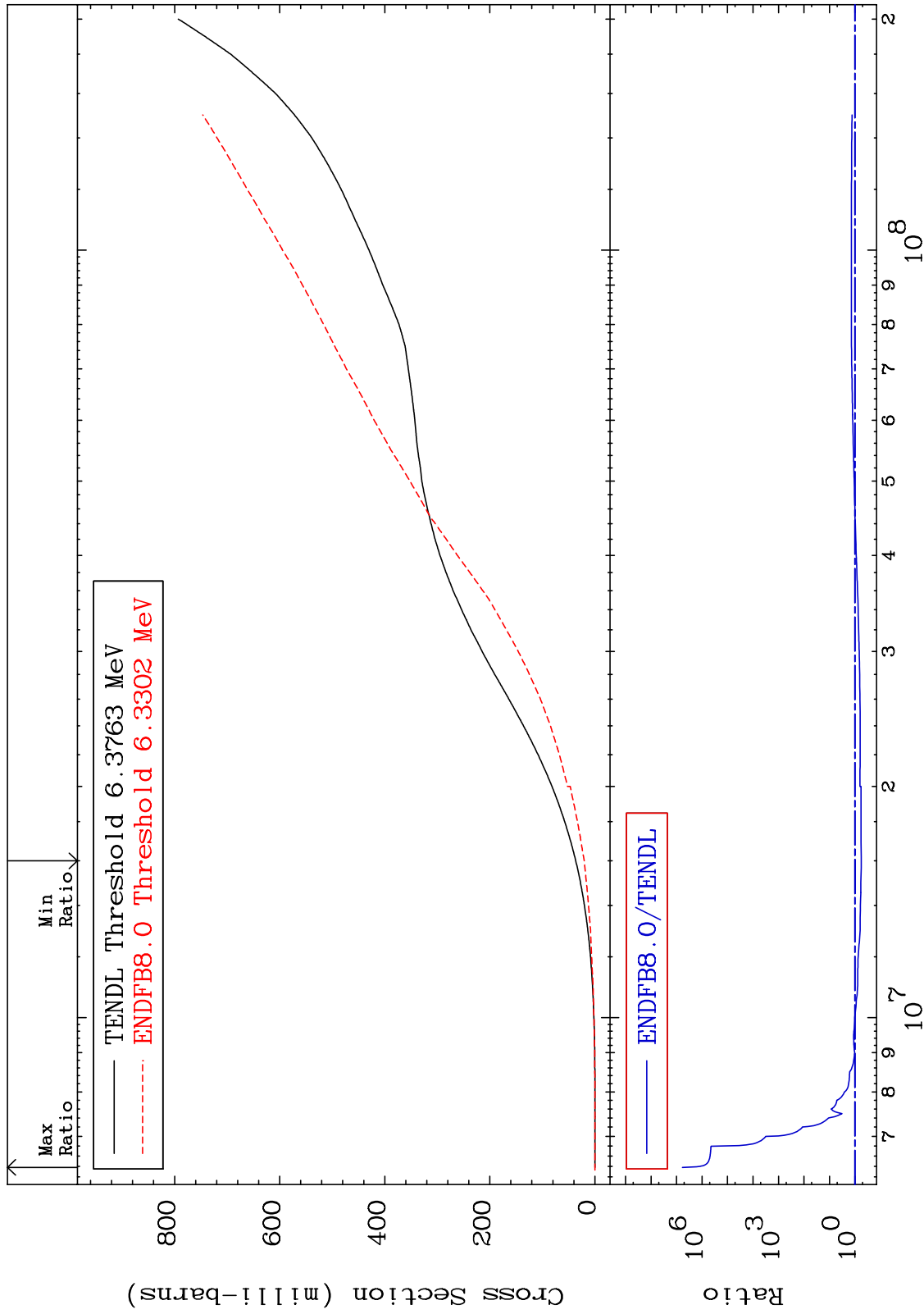
MAT 2437 (n,α) 24-Cr-54 -100.0 To 9999. %

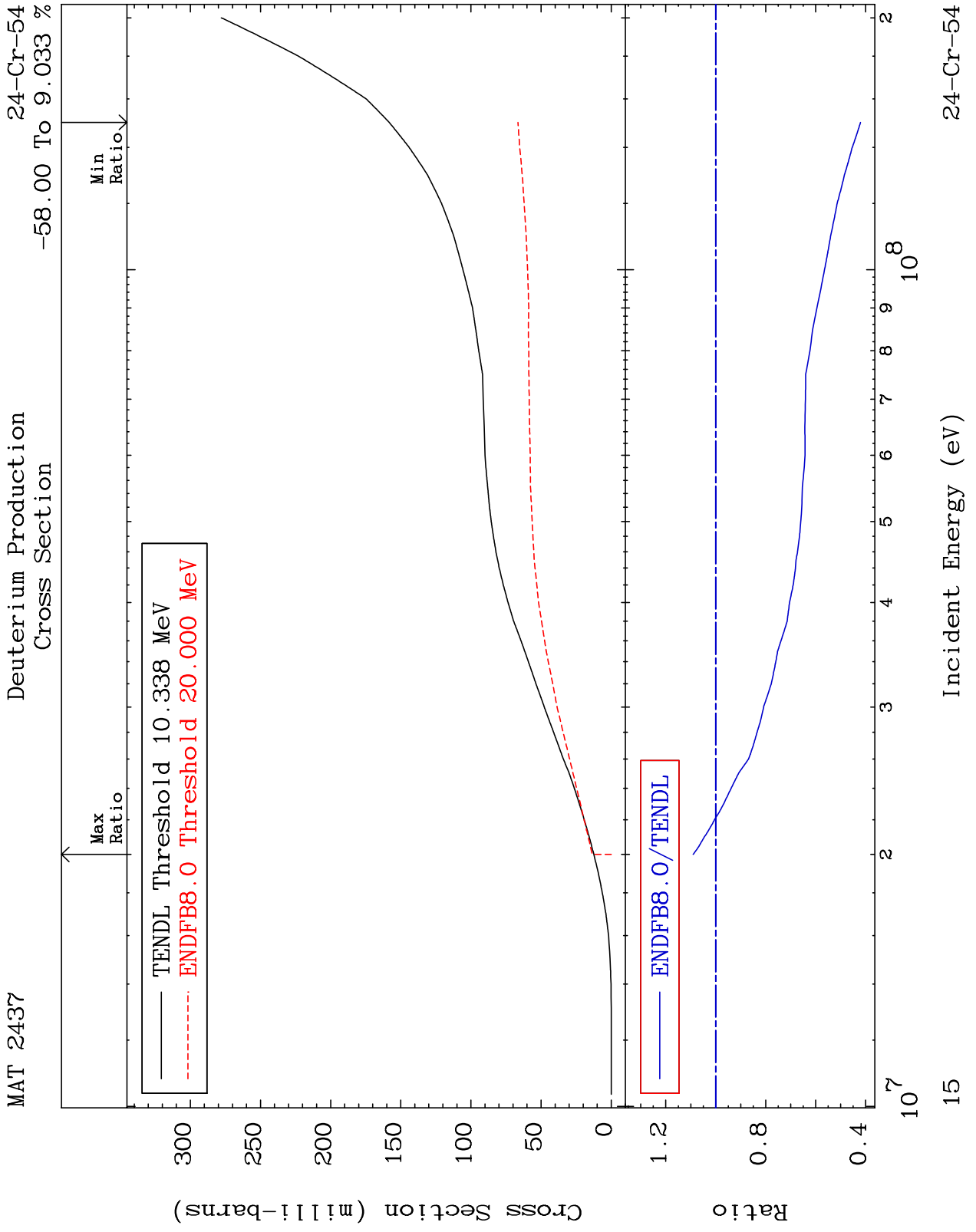


MAT 2437

Hydrogen Production  
Cross Section

24-Cr-54  
-43.58 To 9999. %



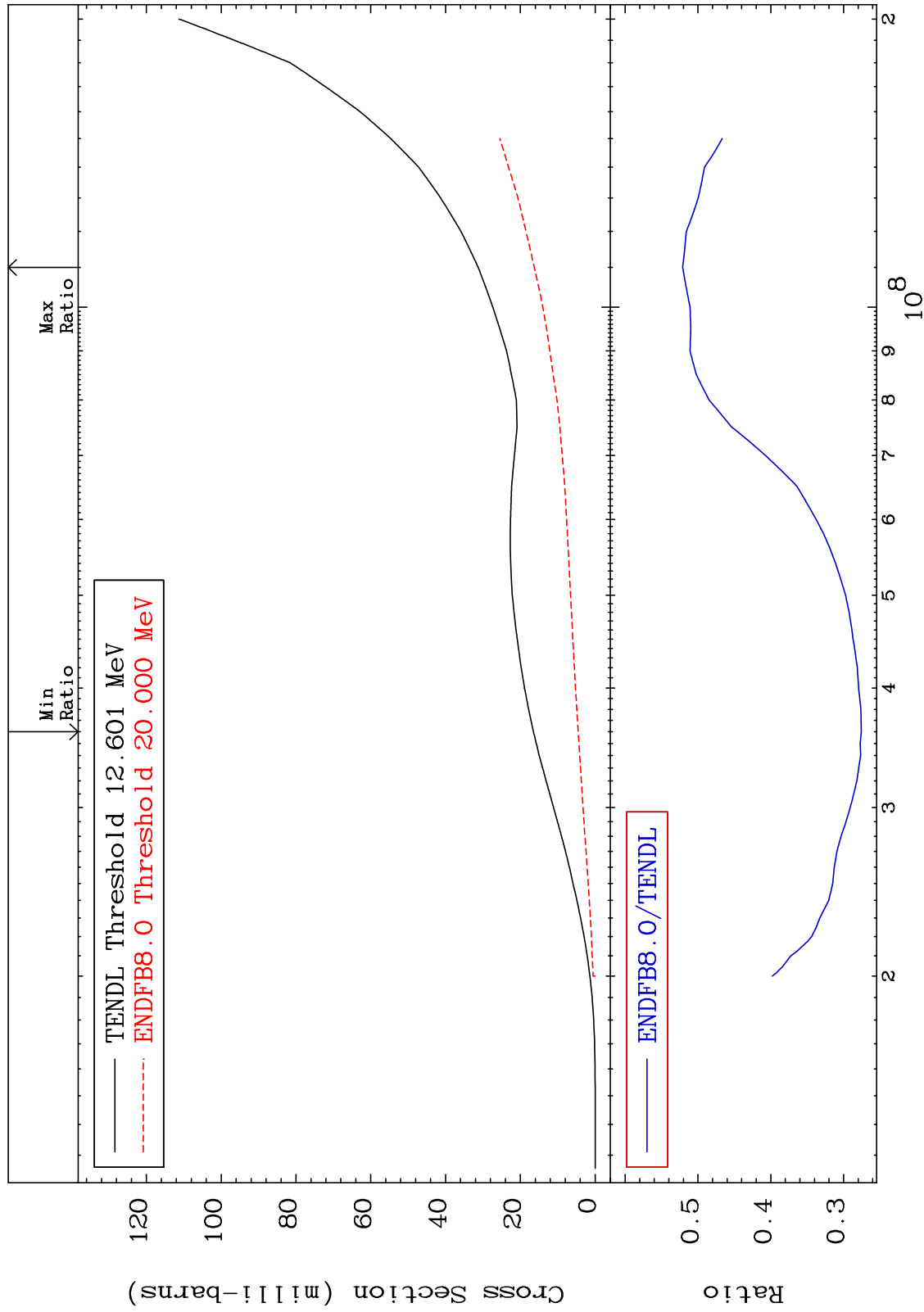




MAT 2437

Tritium Production  
Cross Section

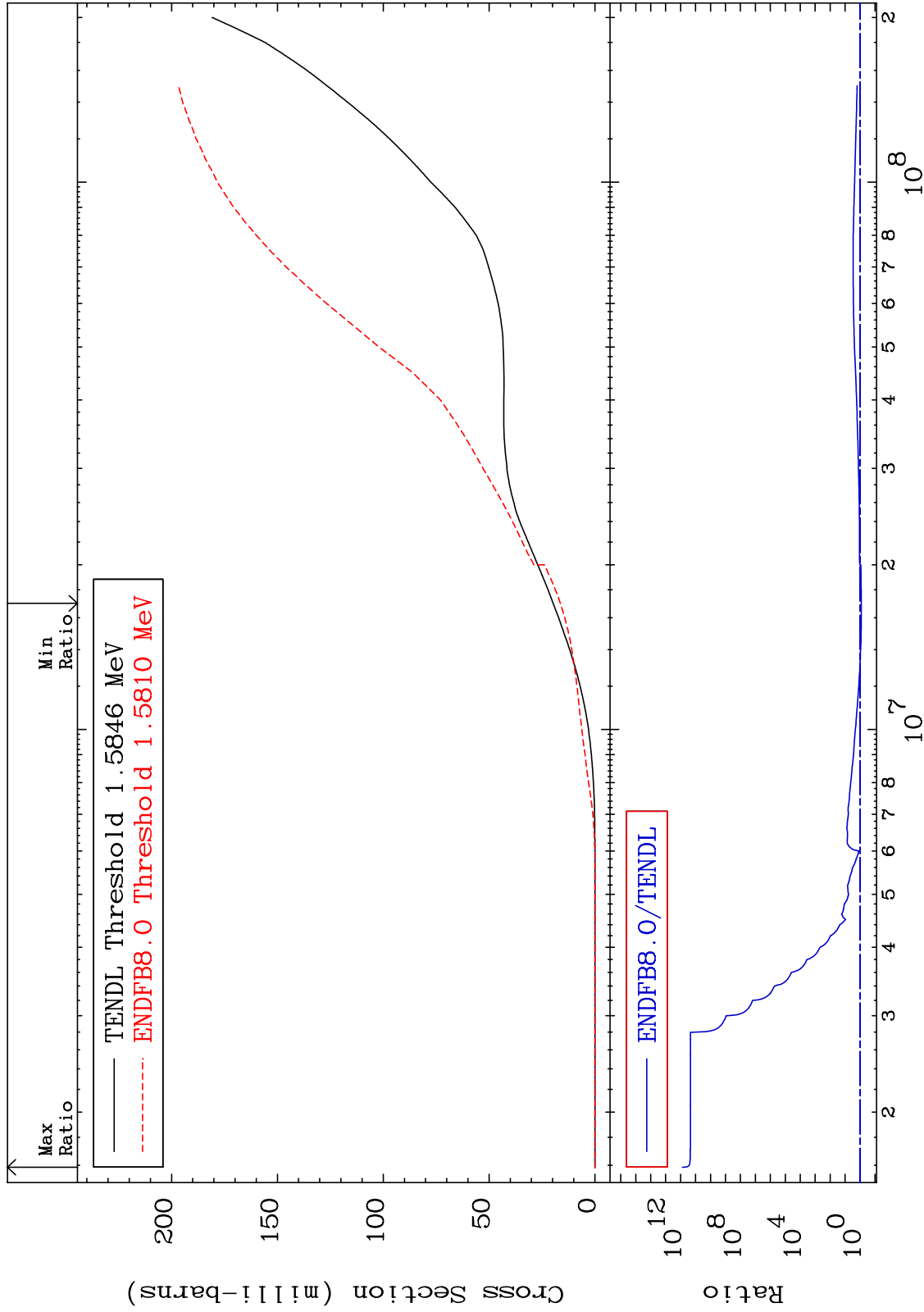
$^{24}\text{Cr-54}$   
-72.44 To -47.90%



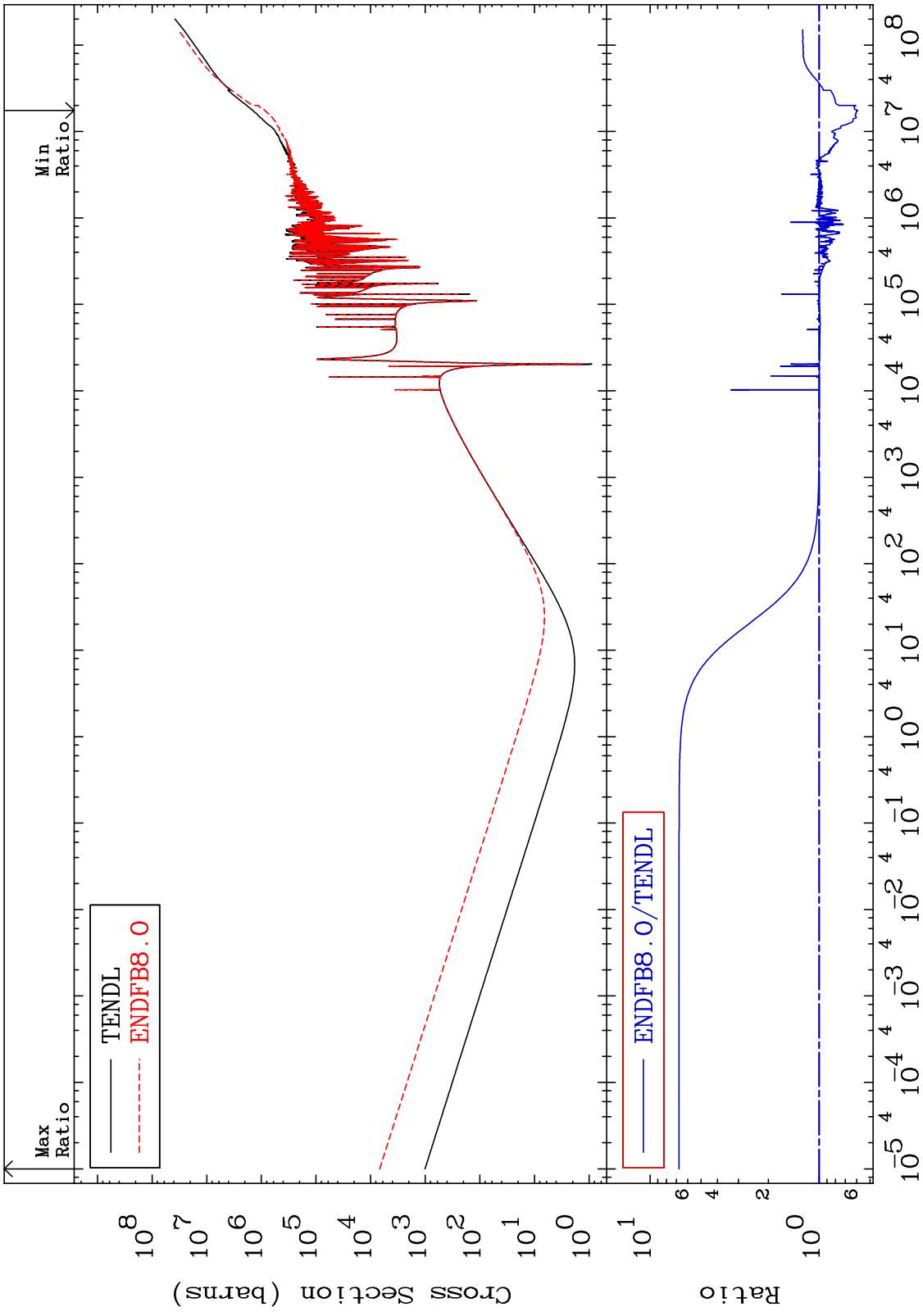
MAT 2437

He-4 Production  
Cross Section

24-Cr-54  
-17.34 To 9999. %



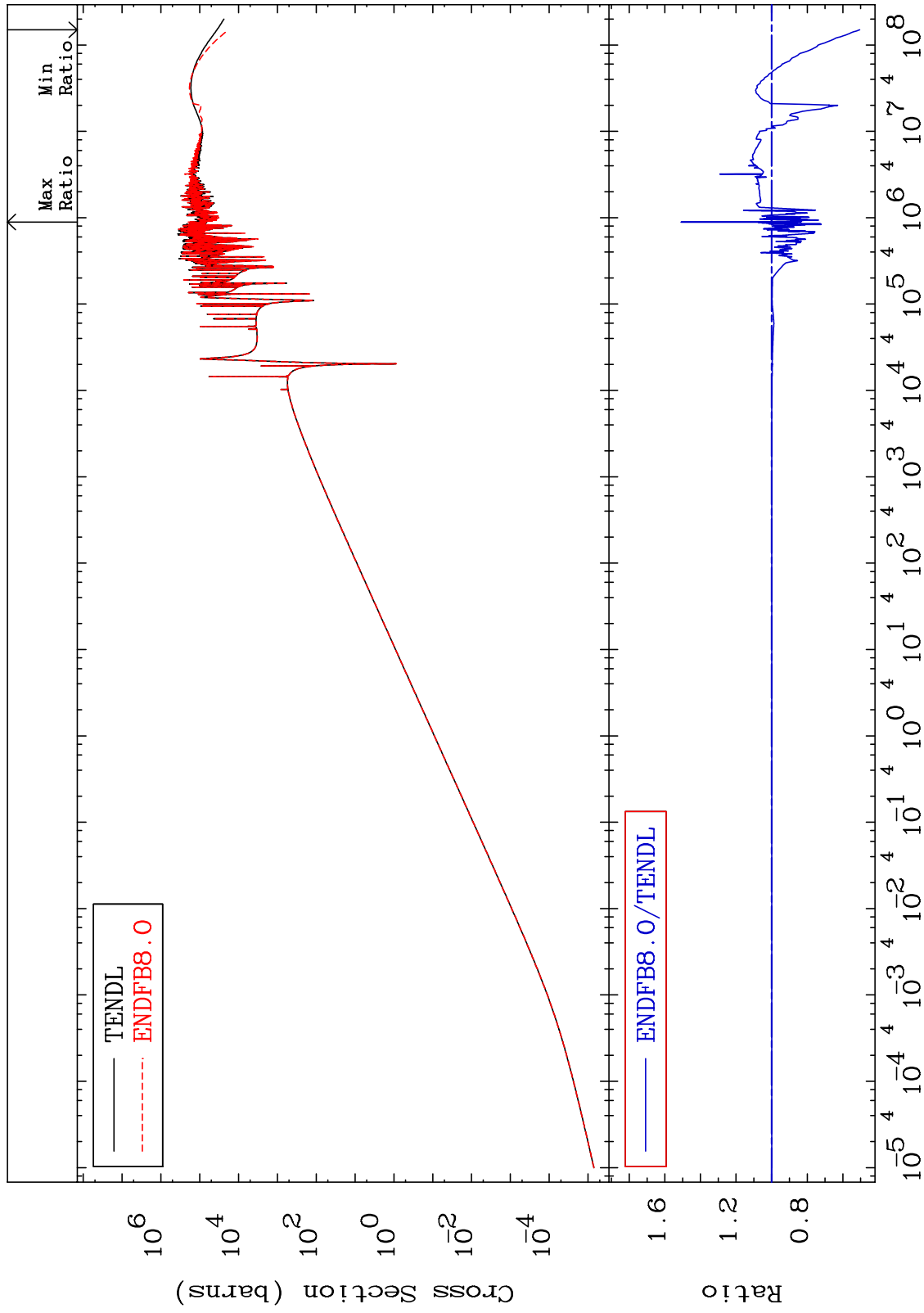
MAT 2437      Kerma total (eV-barns)      24-Cr-54  
 Cross Section      -40.91 To 574.5 %



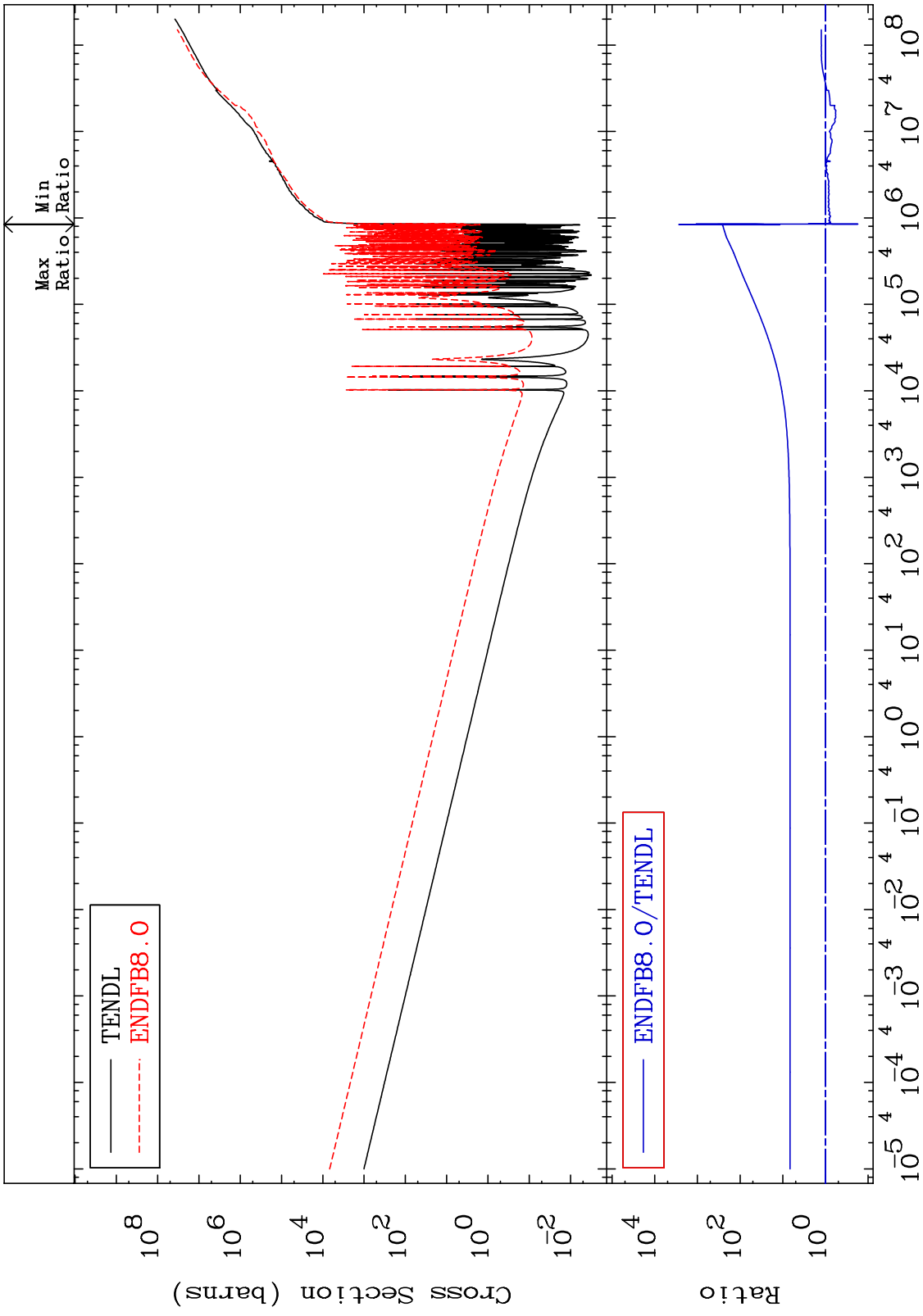
MAT 2437

Kerma elastic  
Cross Section

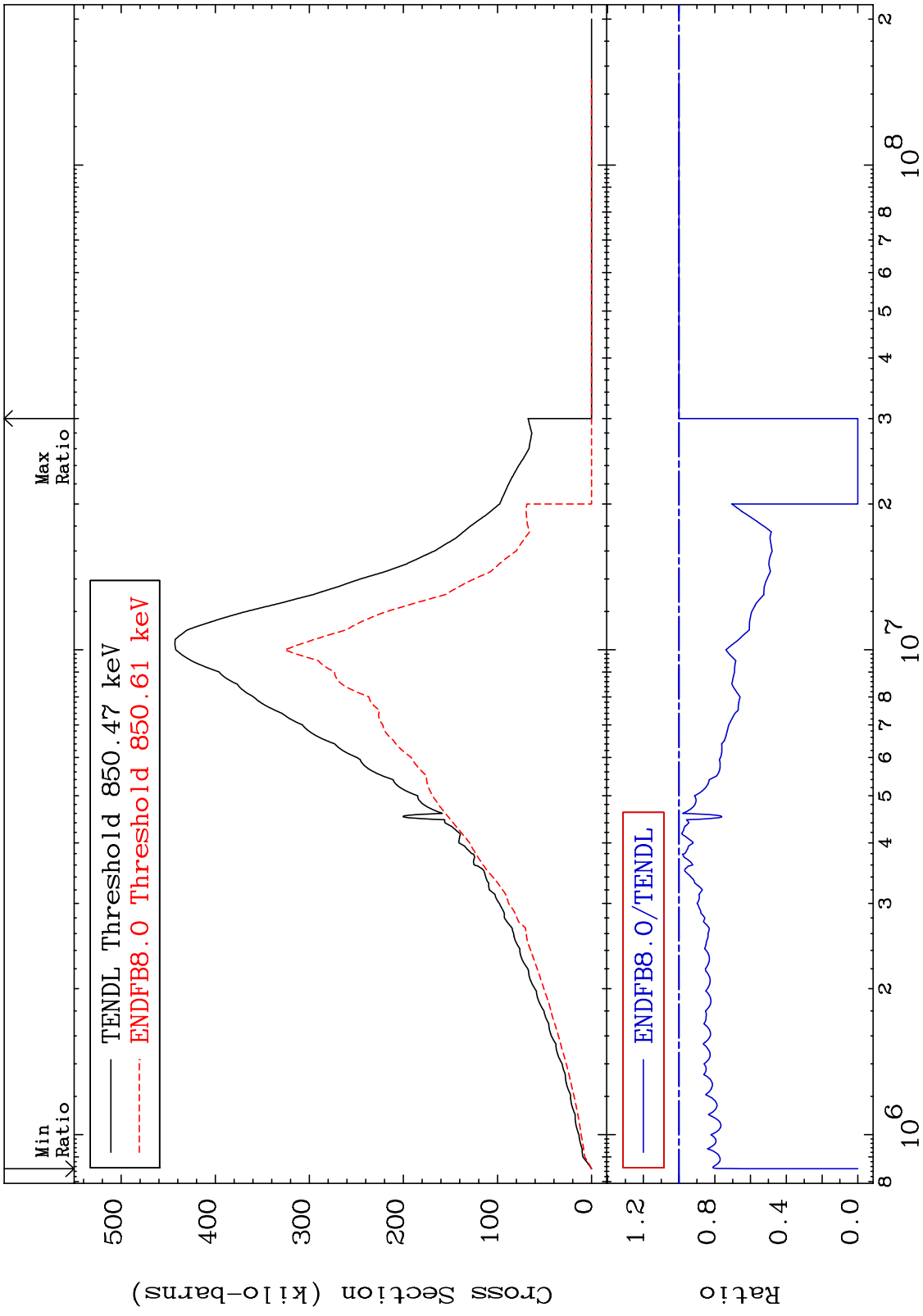
24-Cr-54  
-49.52 To 50.78 %



MAT 2437 Kerma non-elastic (all but mt2) Cross Section 24-Cr-54  
 -82.56 To 9999. %

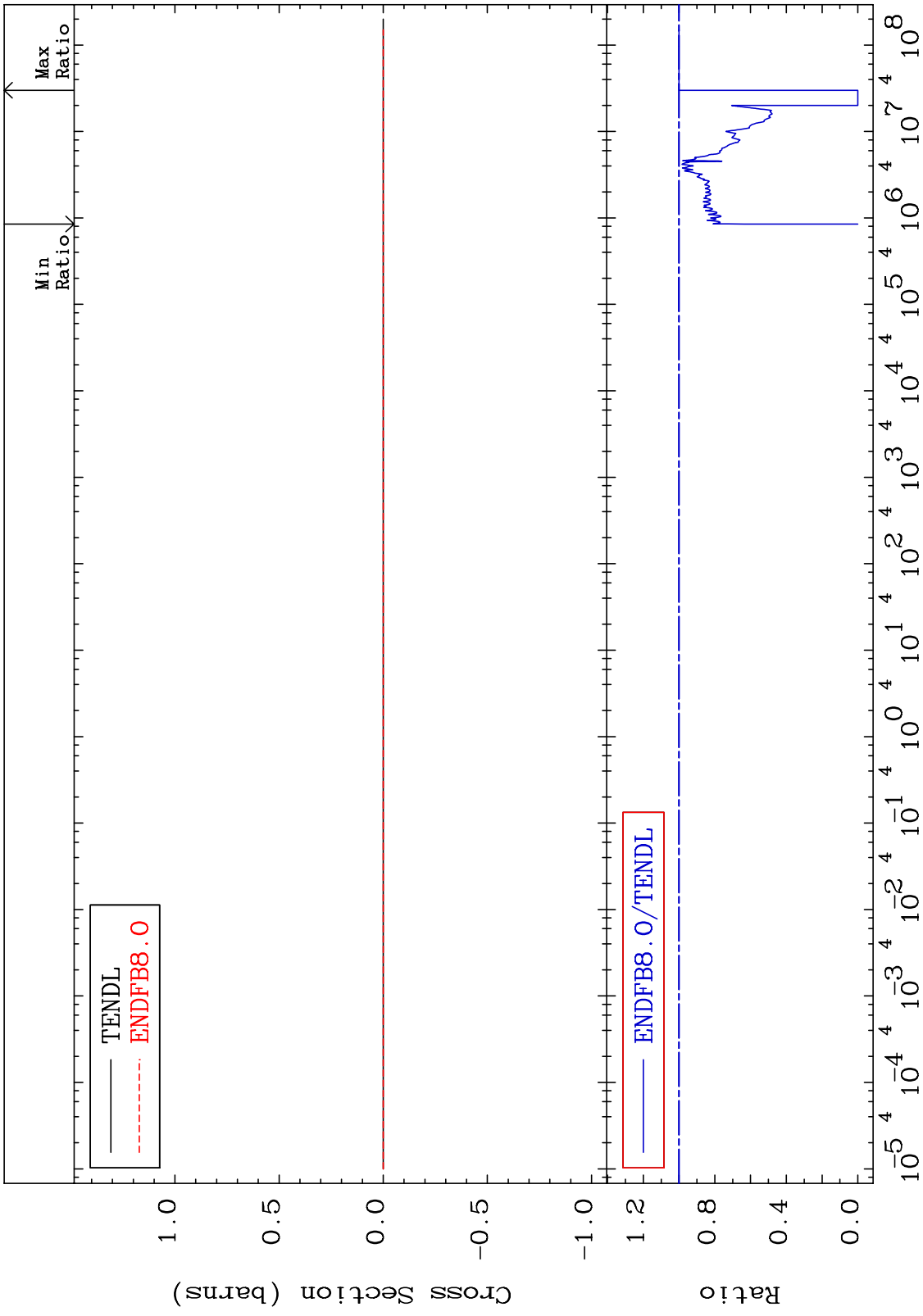


MAT 2437 Kerma inelastic (mt51-91) 24-Cr-54  
 -100.0 To 0.000 %



21 24-Cr-54

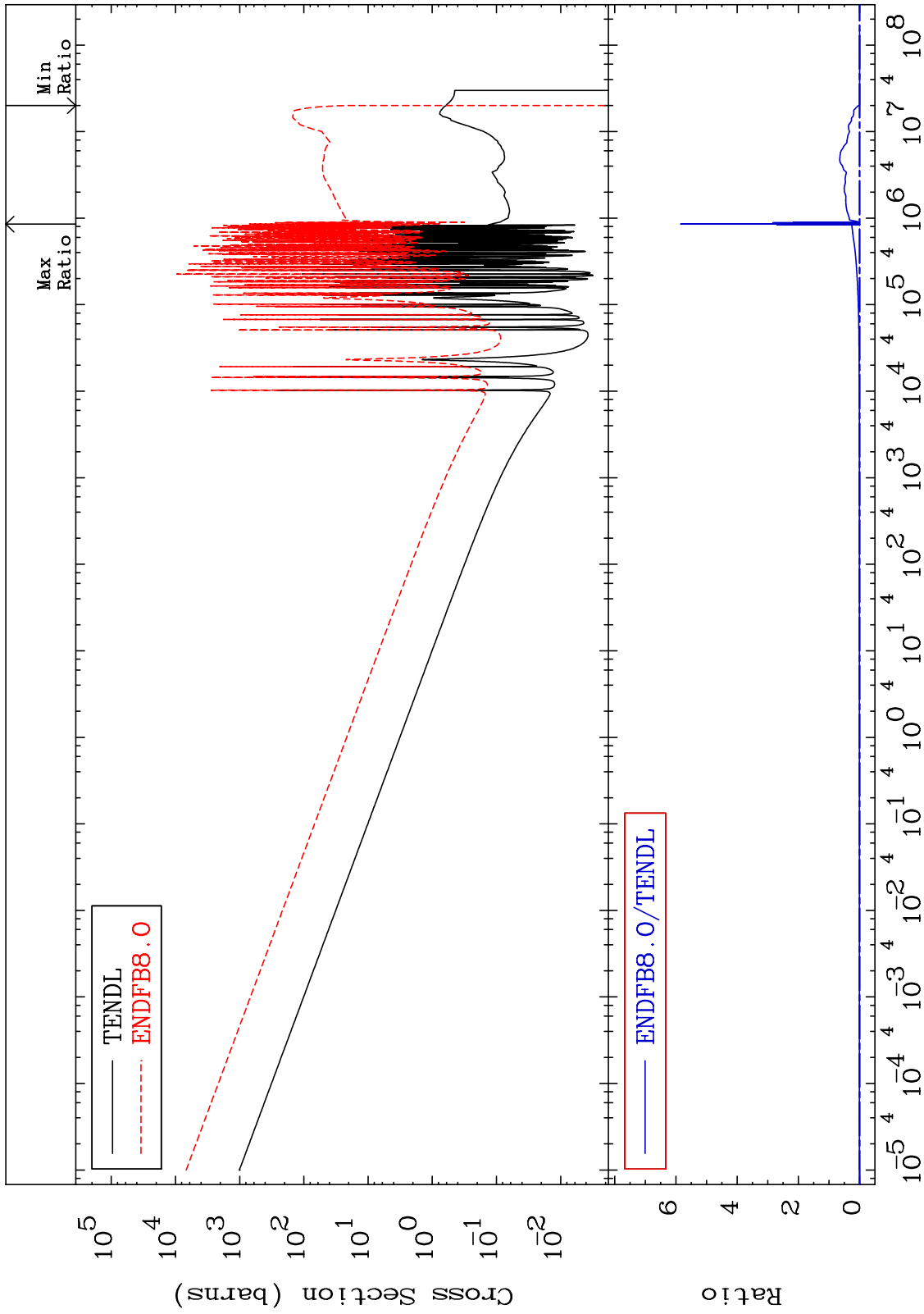
MAT 2437 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-54  
 Cross Section -100.0 To 0.000 %



MAT 2437

Kerma capture (mt102)  
Cross Section

24-Cr-54  
-100.0 To 9999. %

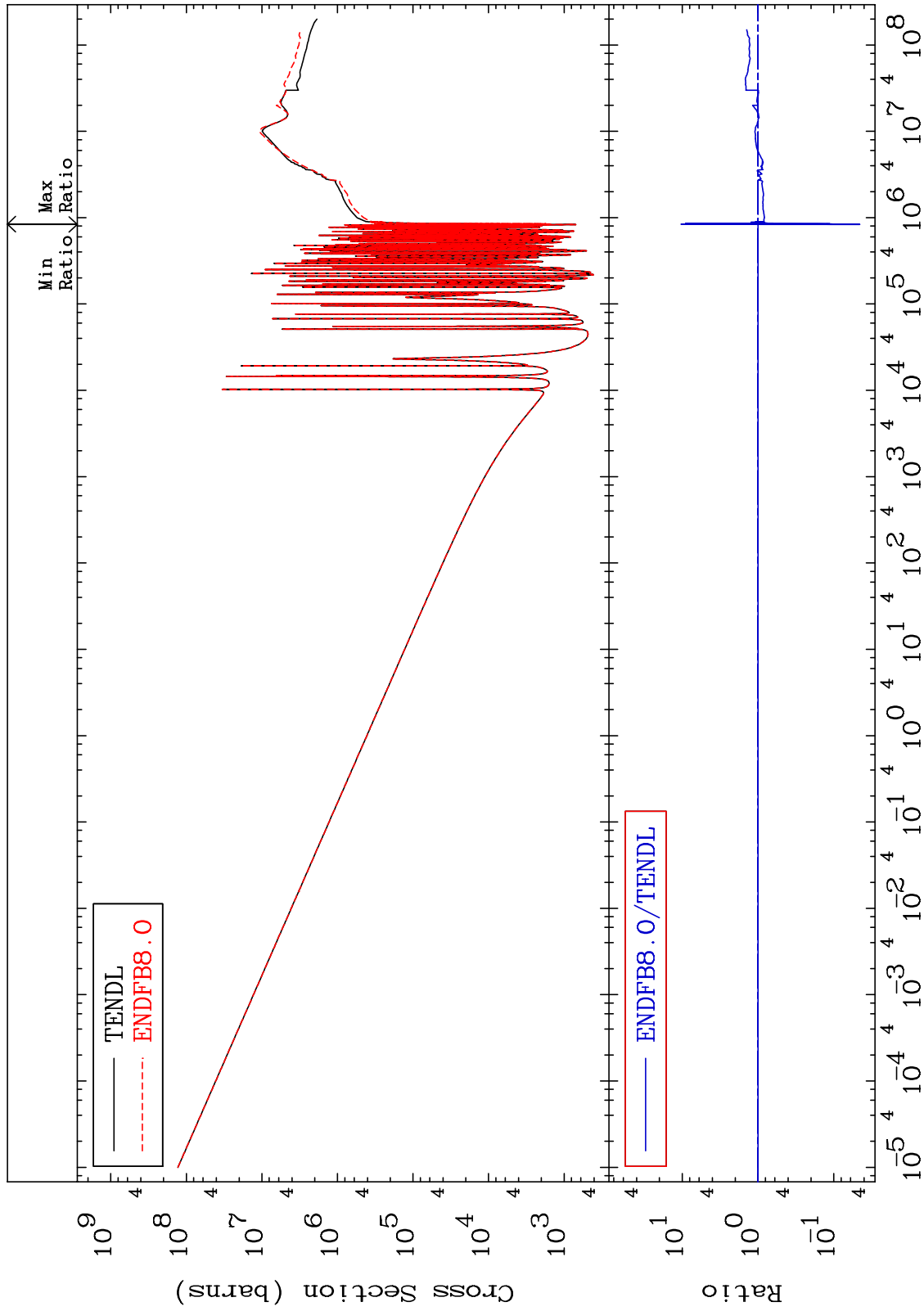




MAT 2437

Total photon (eV-barns)  
Cross Section

24-Cr-54  
-95.45 To 930.8 %

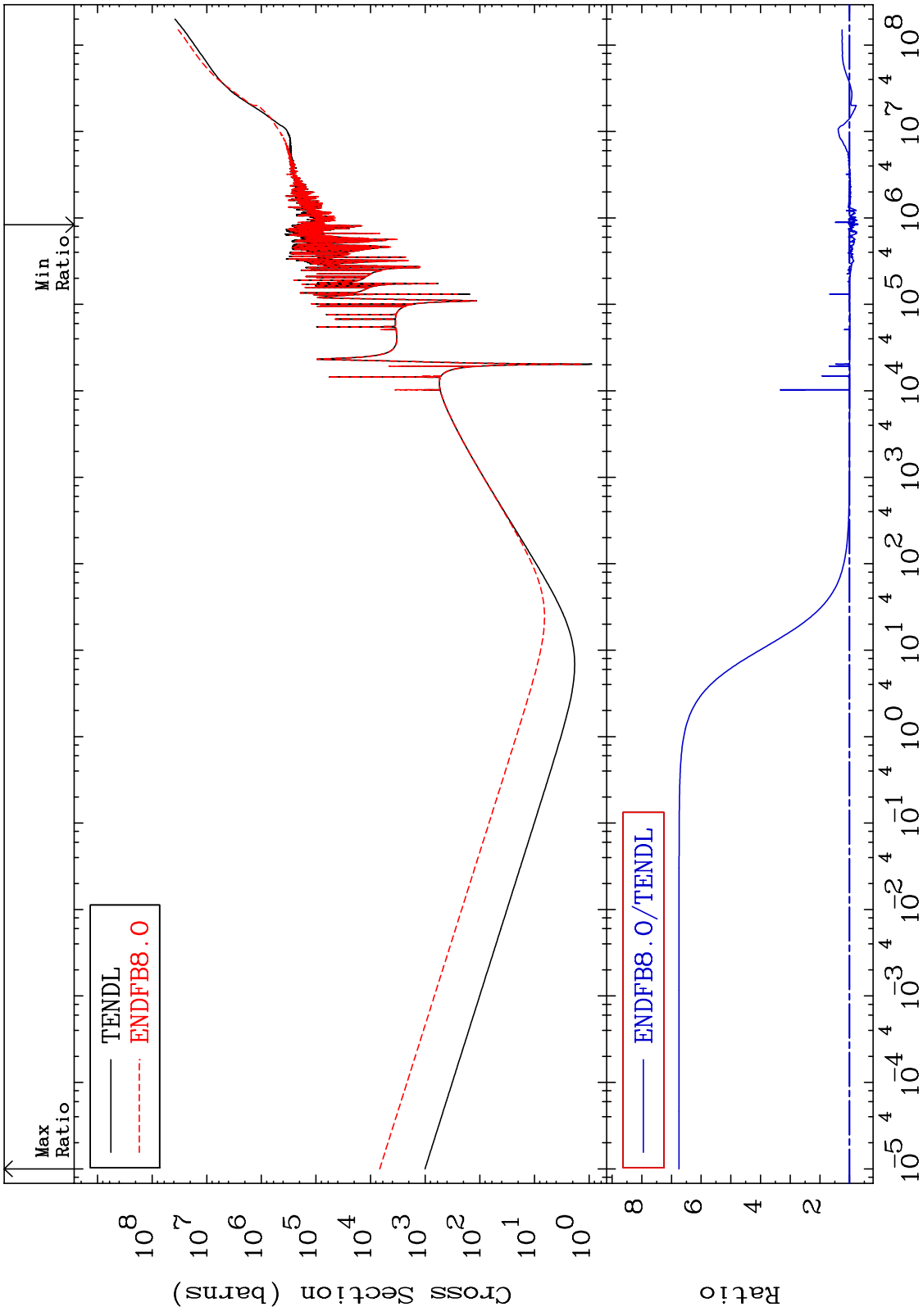


24

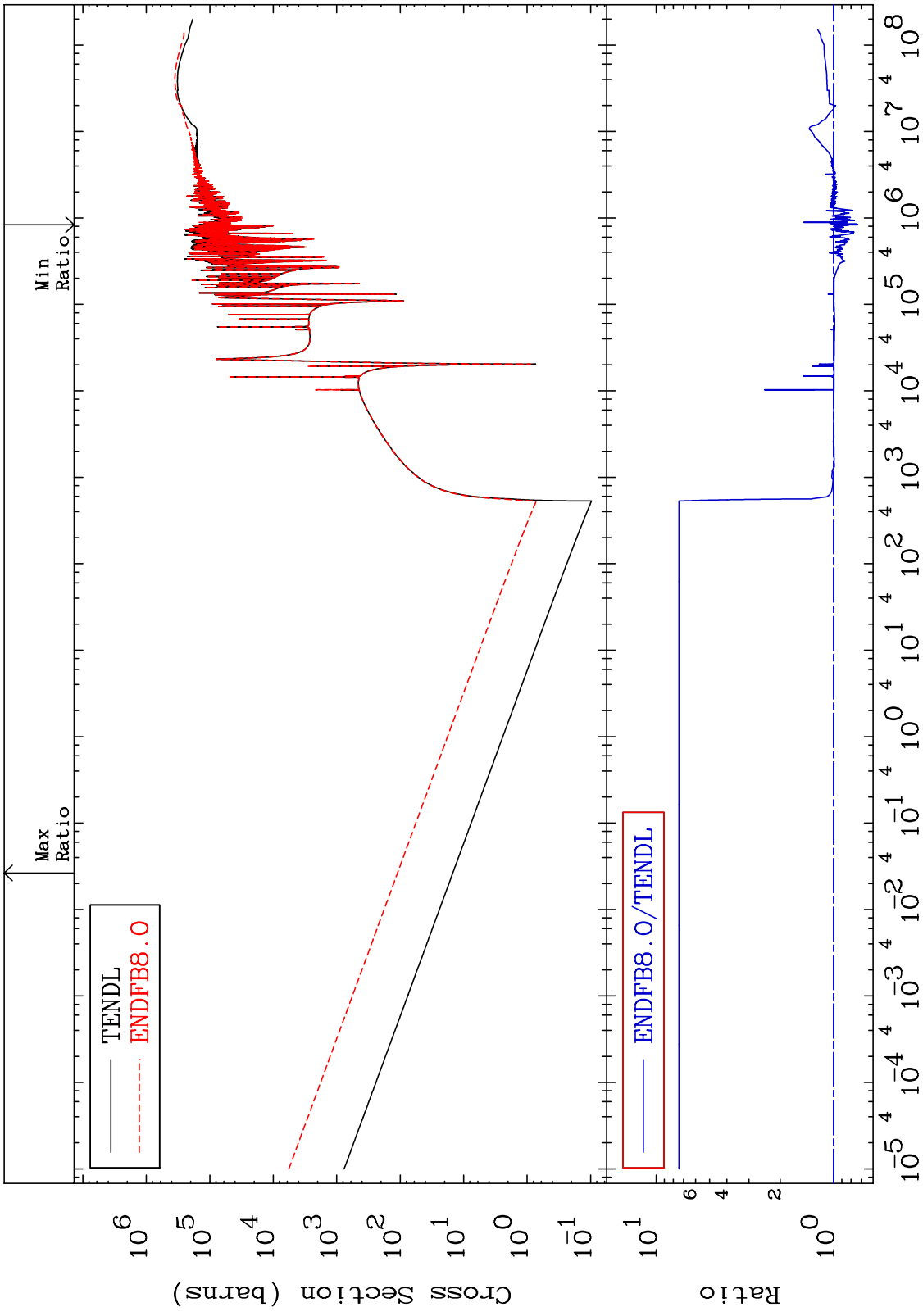
Incident Energy (eV)

24-Cr-54

MAT 2437 Total kinematic kerma (high limit) Cross Section 24-Cr-54  
-27.82 To 574.5 %



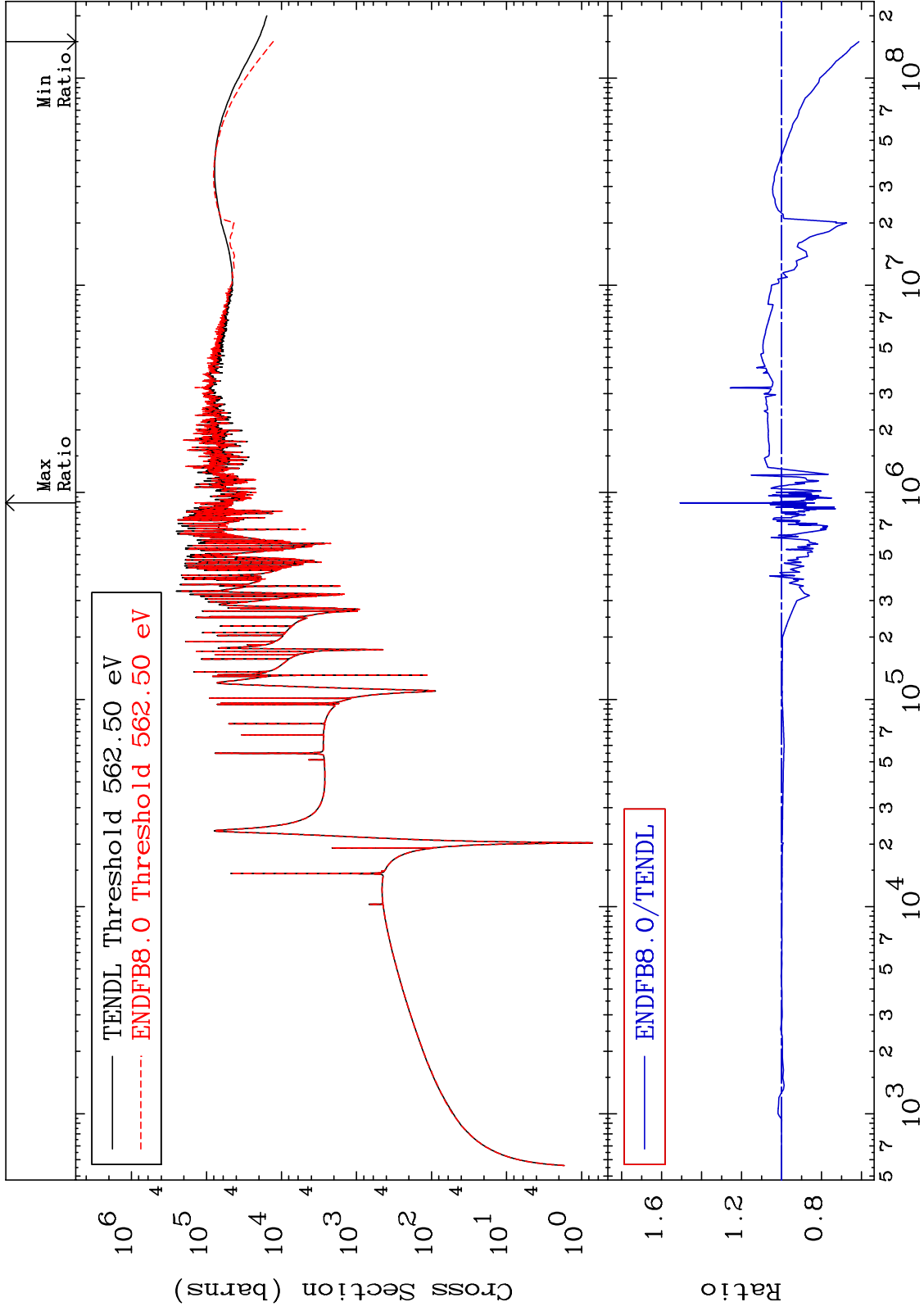
MAT 2437 24-Cr-54  
 Dpa total (eV-barns) -26.85 To 643.3 %  
 Cross Section



MAT 2437

Dpa elastic (mt2)  
Cross Section

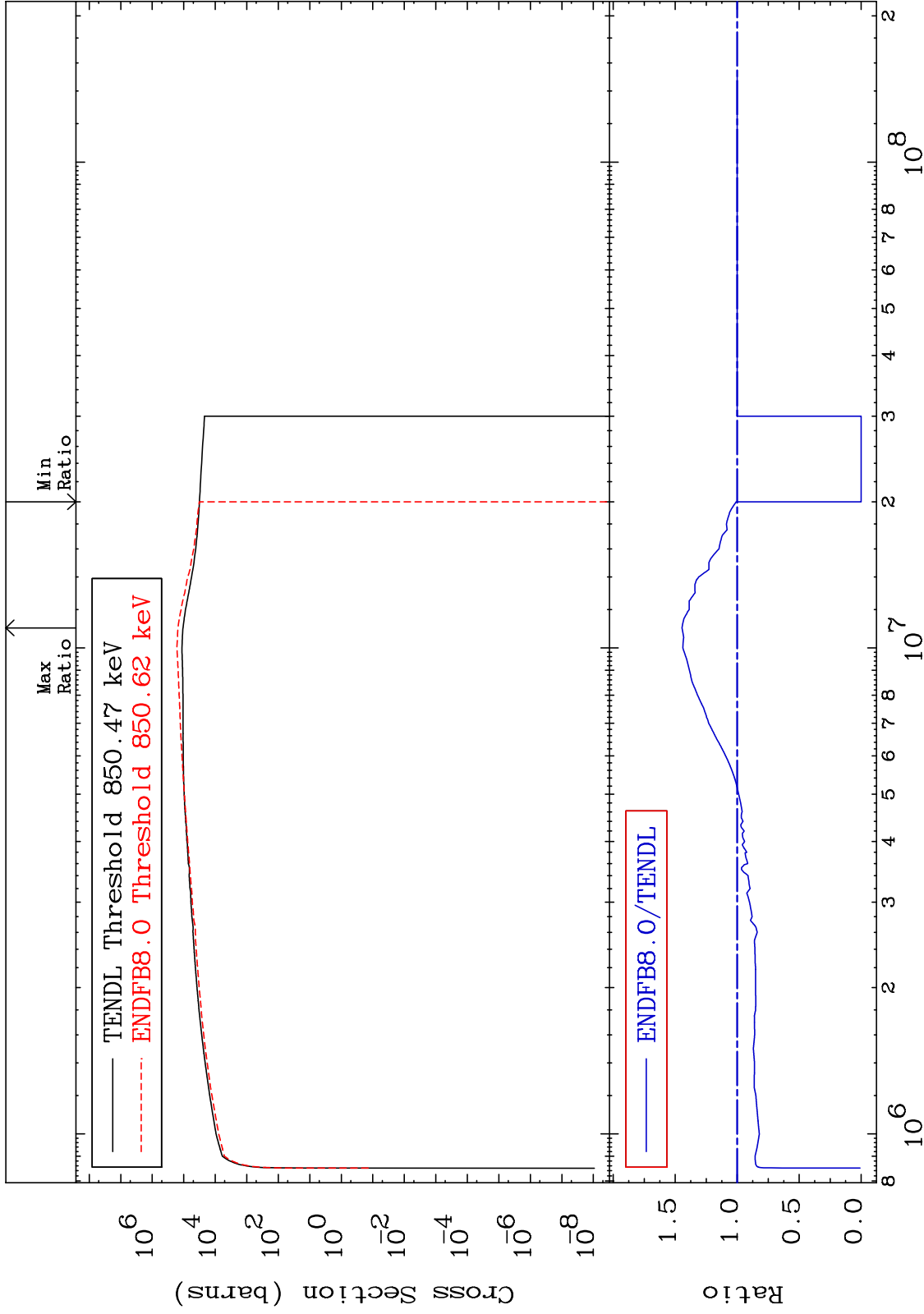
24-Cr-54  
-38.67 To 50.69 %



MAT 2437

Dpa inelastic (mt51-91)  
Cross Section

24-Cr-54  
-100.0 To 44.53 %



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Incident Energy (eV)

24-Cr-54

MAT 2437

Dpa disappearance (mt102 -120)  
Cross Section

24-Cr-54  
-100.0 To 9999. %

