

Program Complot  
(Version 2018-1)

by

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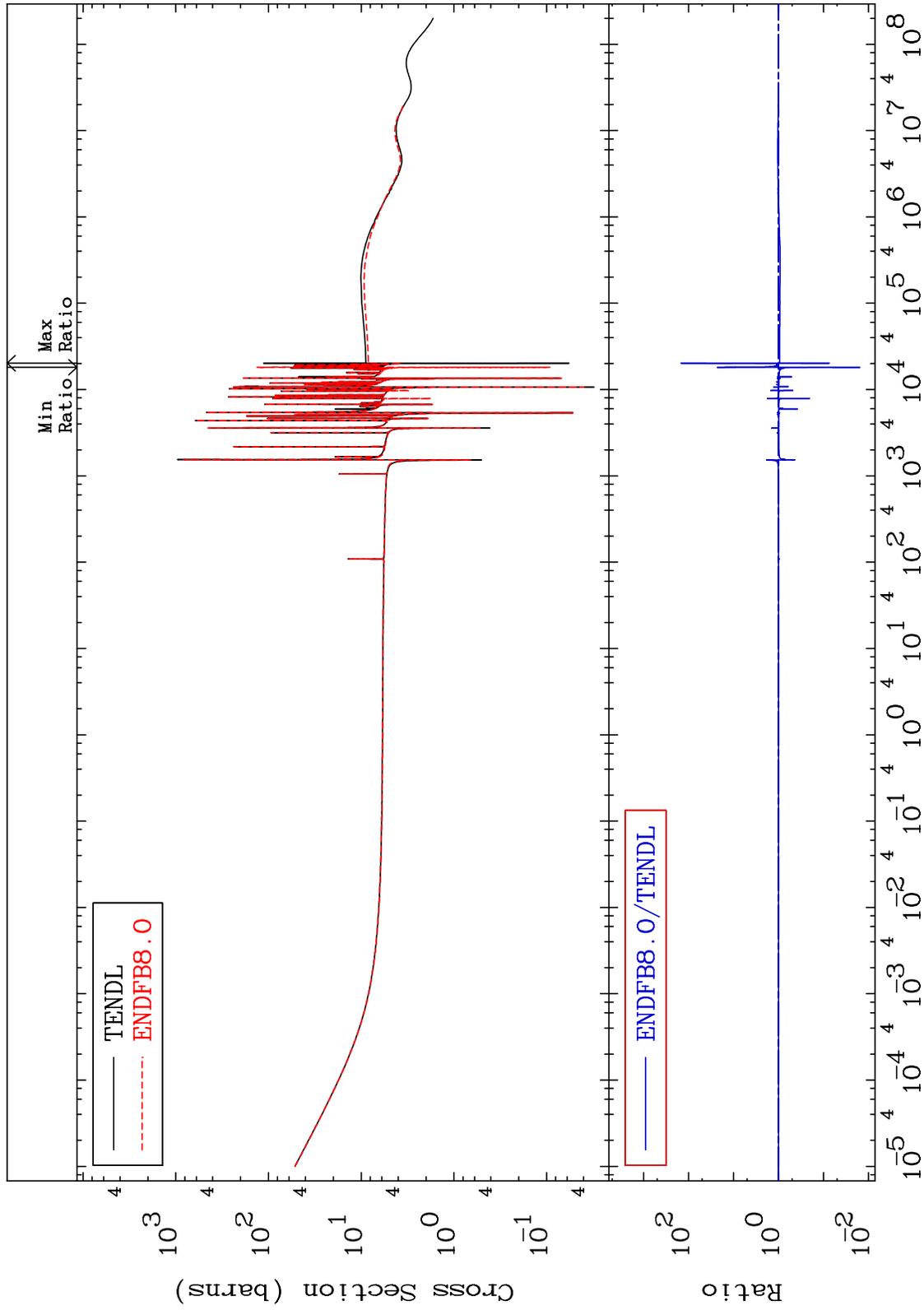
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4231

Total  
Cross Section

42-Mo-94  
-98.45 To 9999. %



1

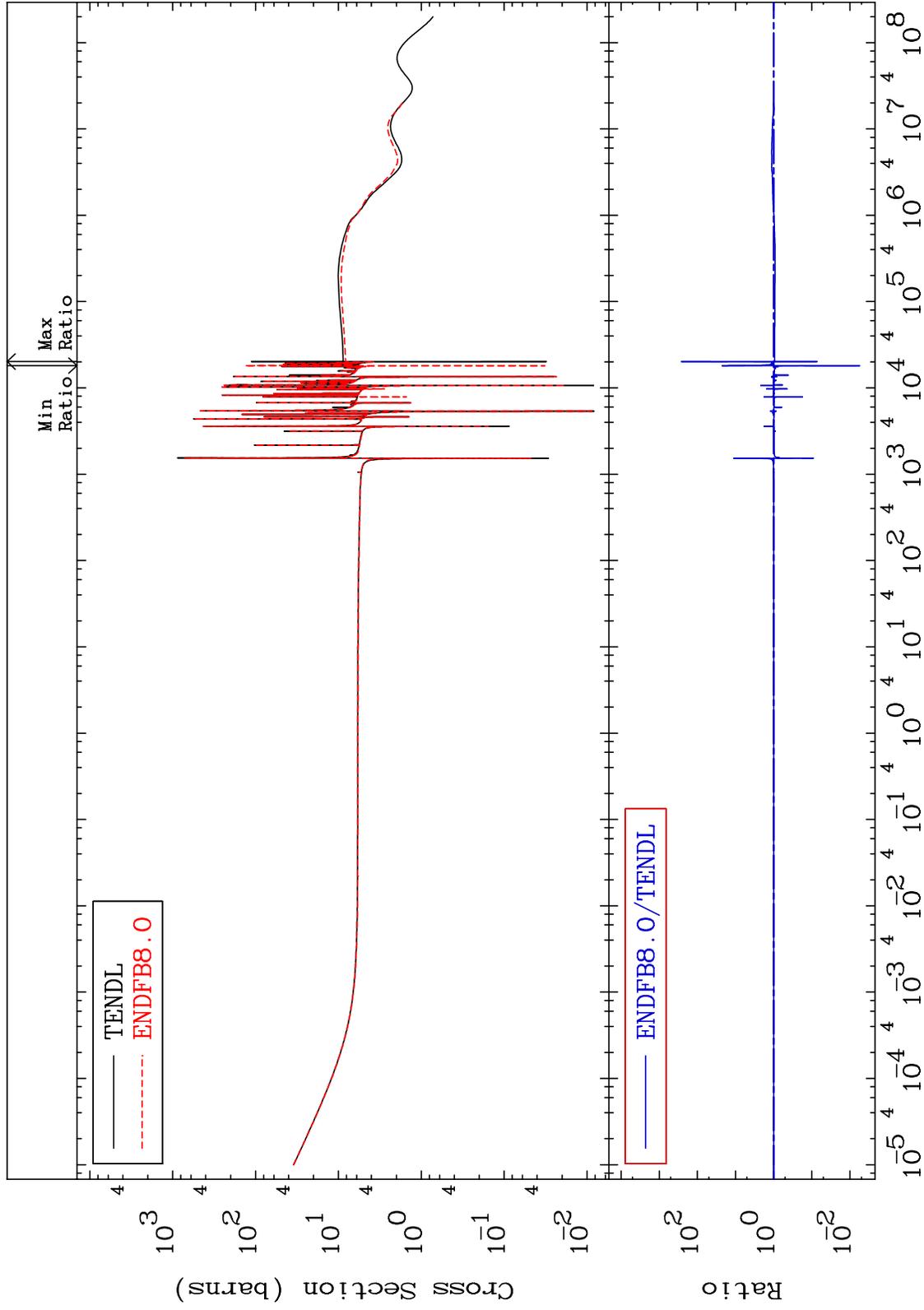
Incident Energy (eV)

42-Mo-94

MAT 4231

Elastic  
Cross Section

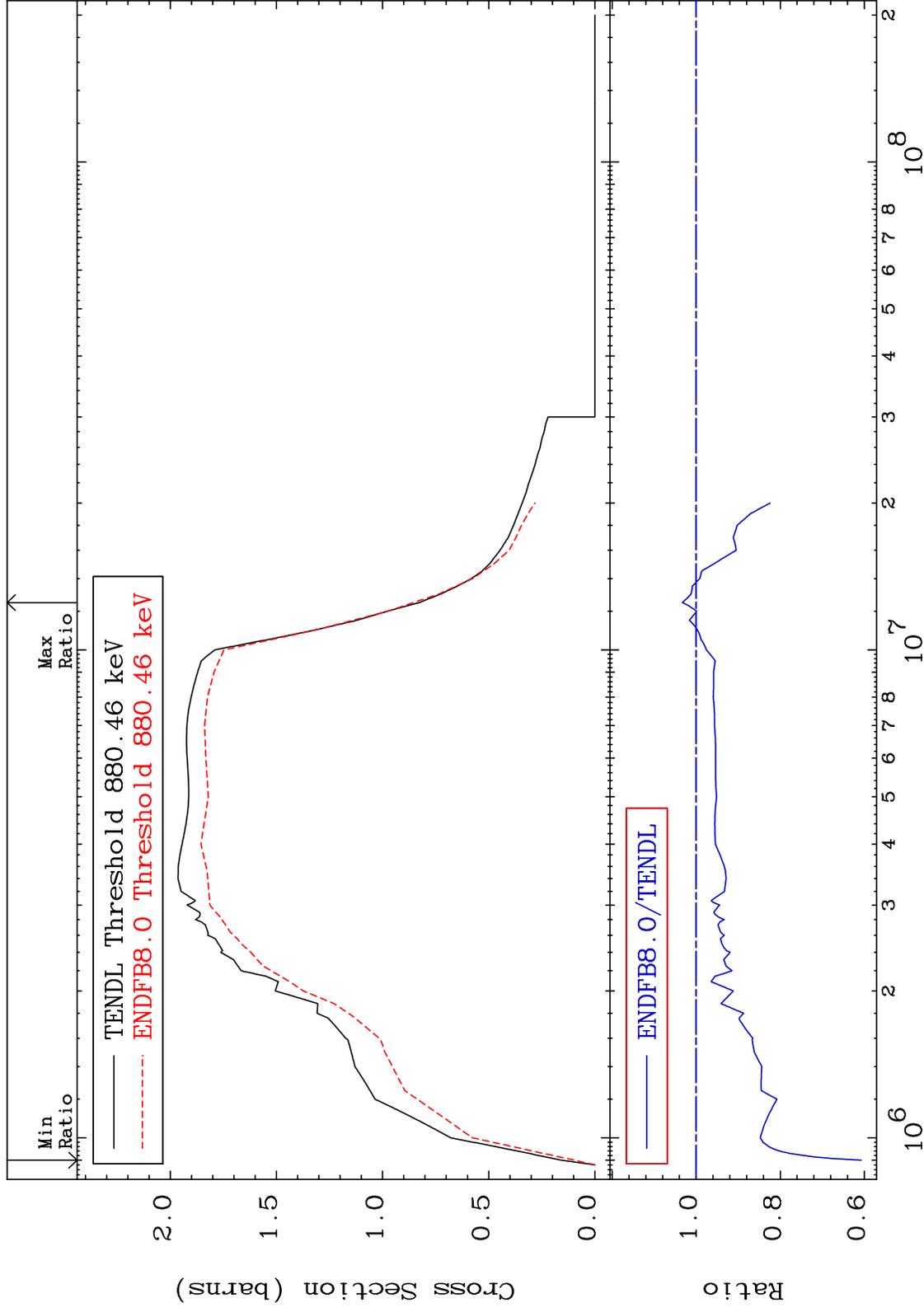
42-Mo-94  
-99.45 To 9999. %



MAT 4231

Inelastic  
Cross Section

42-Mo-94  
-39.29 To 3.277 %



3

Incident Energy (eV)

42-Mo-94

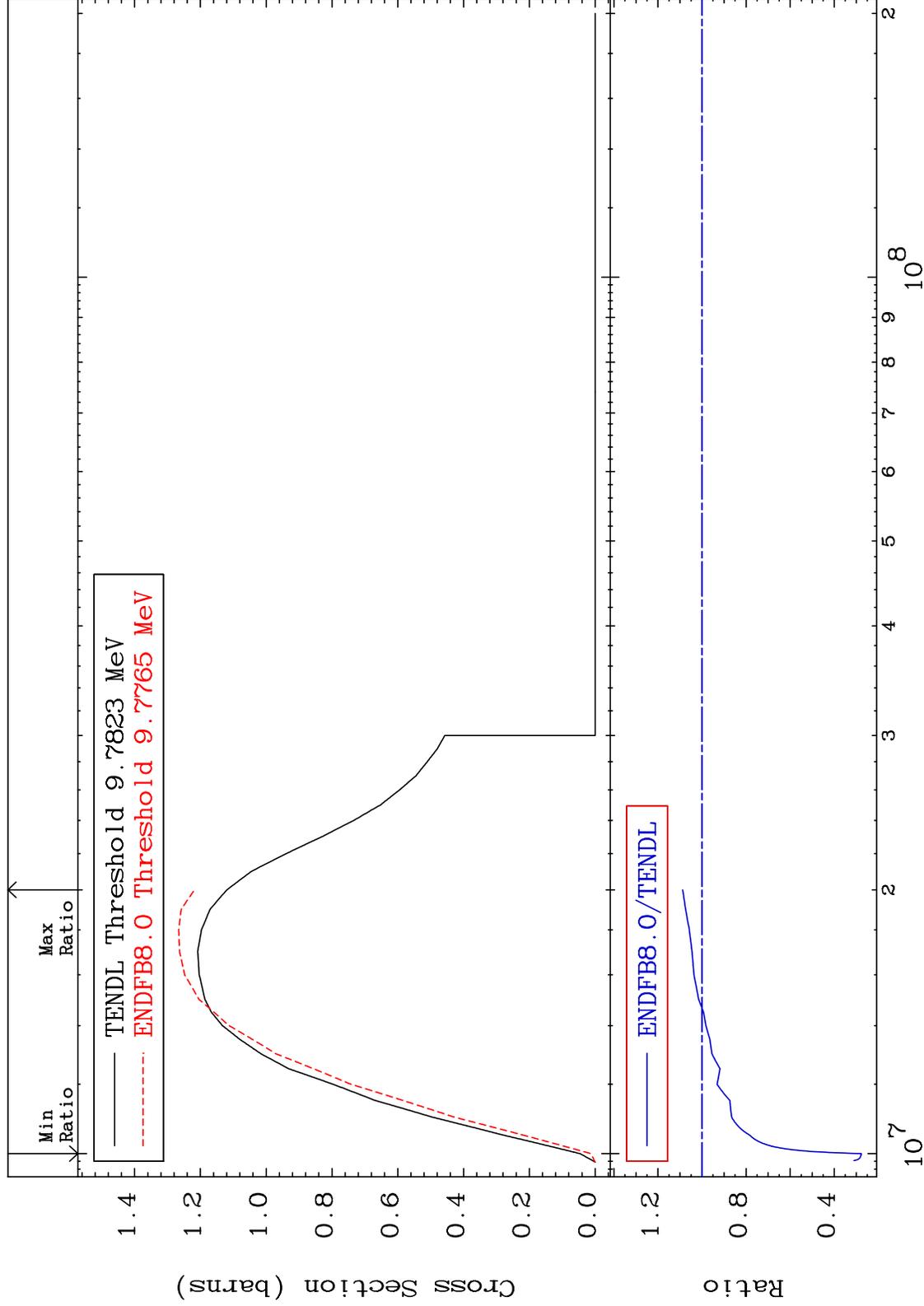
MAT 4231

(n,2n)

42-Mo-94

Cross Section

-72.35 To 8.805 %



42-Mo-94

42-Mo-94

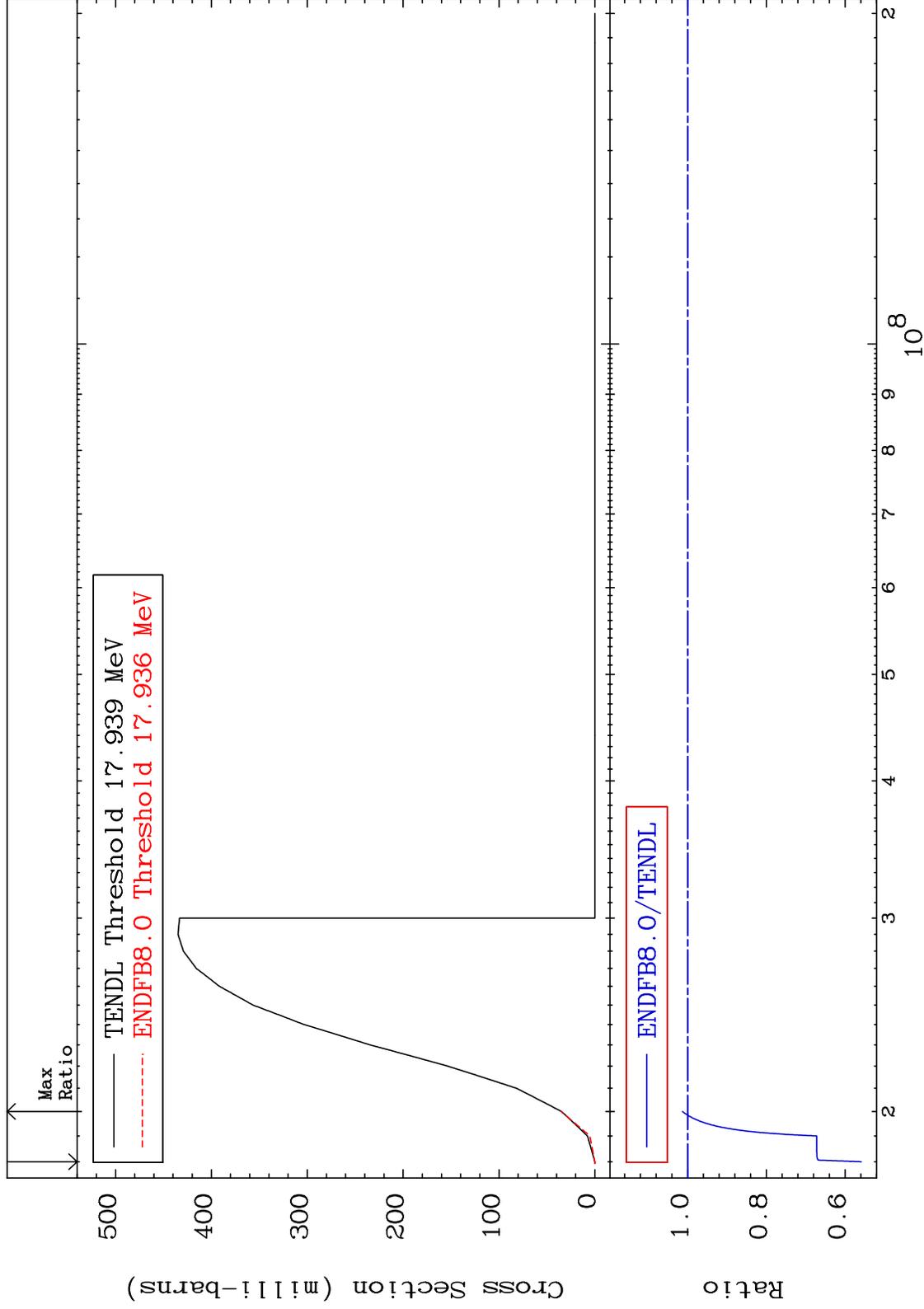
MAT 4231

(n,3n)

42-Mo-94

Cross Section

-44.15 To 1.323 %



5

Incident Energy (eV)

42-Mo-94

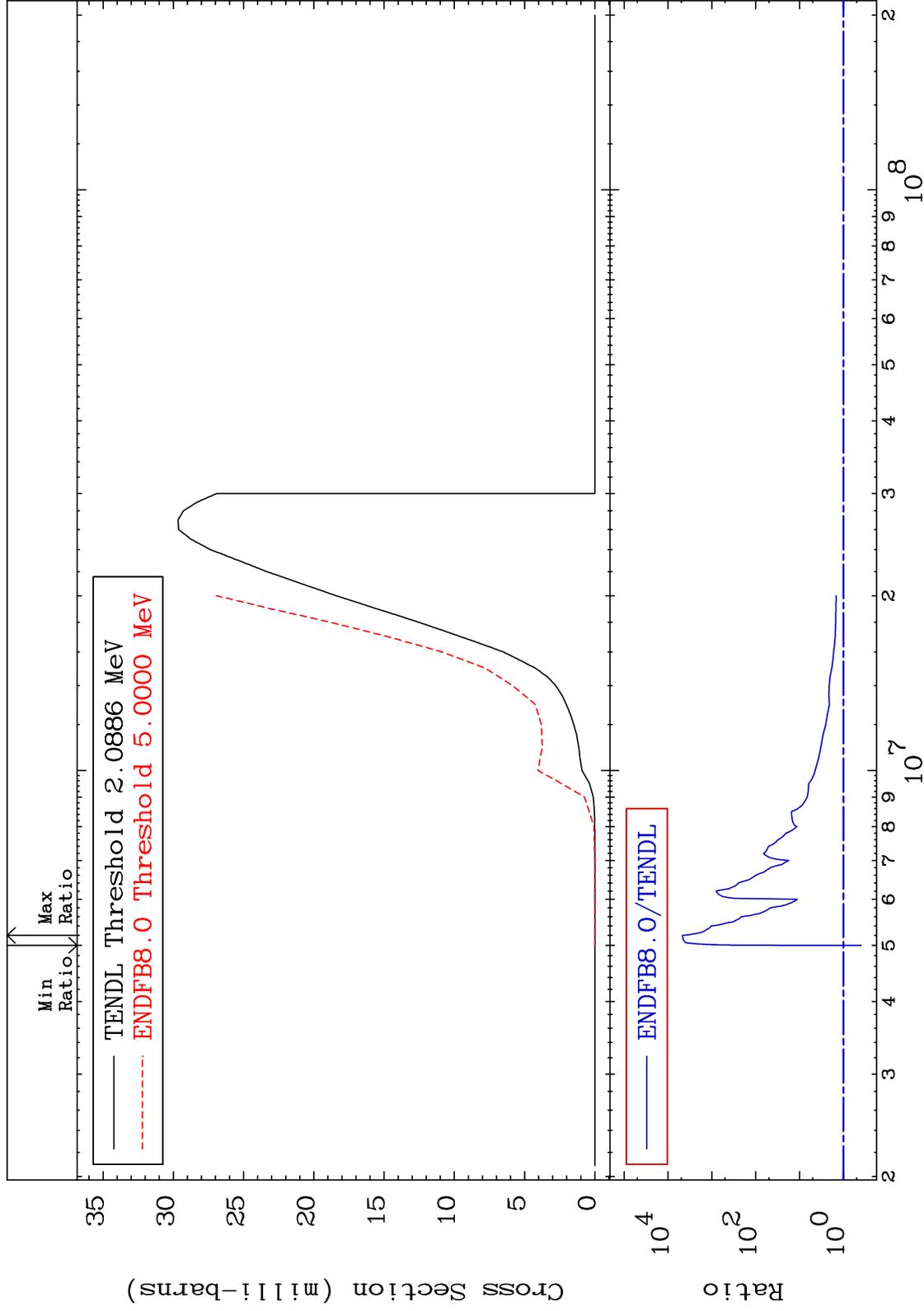
MAT 4231

(n,n')  $\alpha$

42-Mo-94

Cross Section

-61.01 To 9999. %

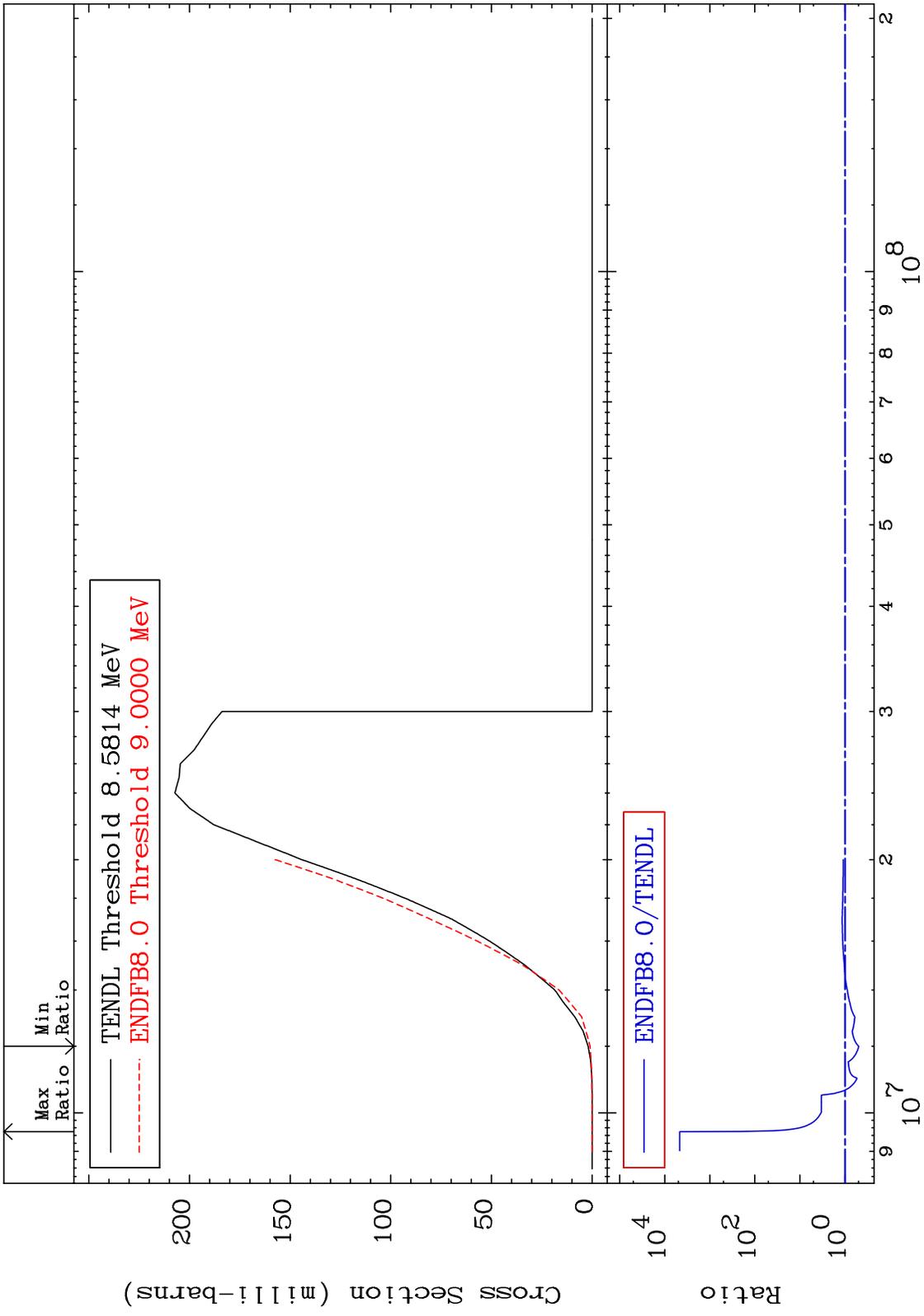


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Incident Energy (eV)

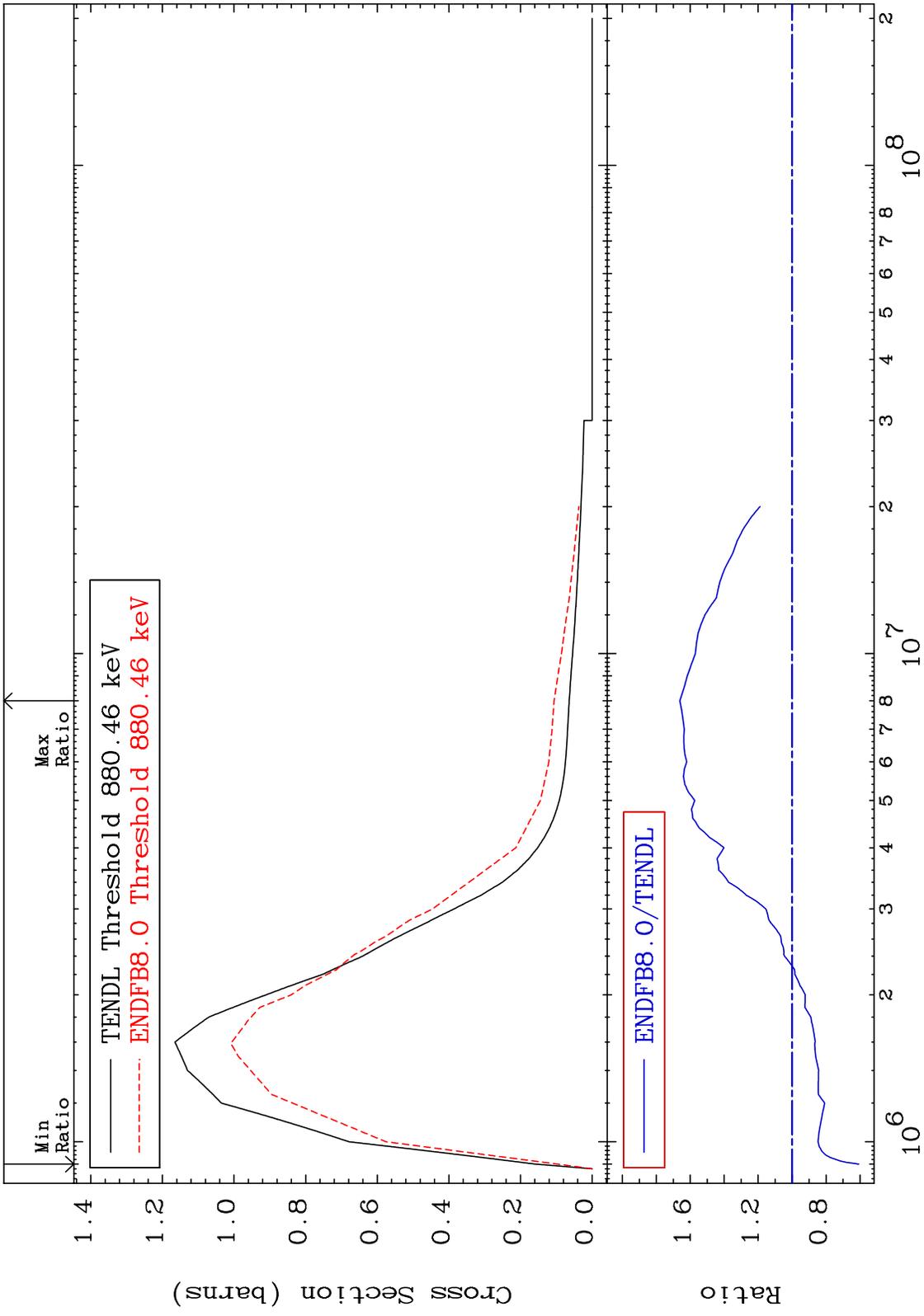
42-Mo-94

MAT 4231 (n,n') p 42-Mo-94  
 Cross Section -50.87 To 9999. %



7 Incident Energy (eV) 42-Mo-94

MAT 4231 MT= 51 (n,n') Level Cross Section -39.29 To 66.17 % 42-Mo-94

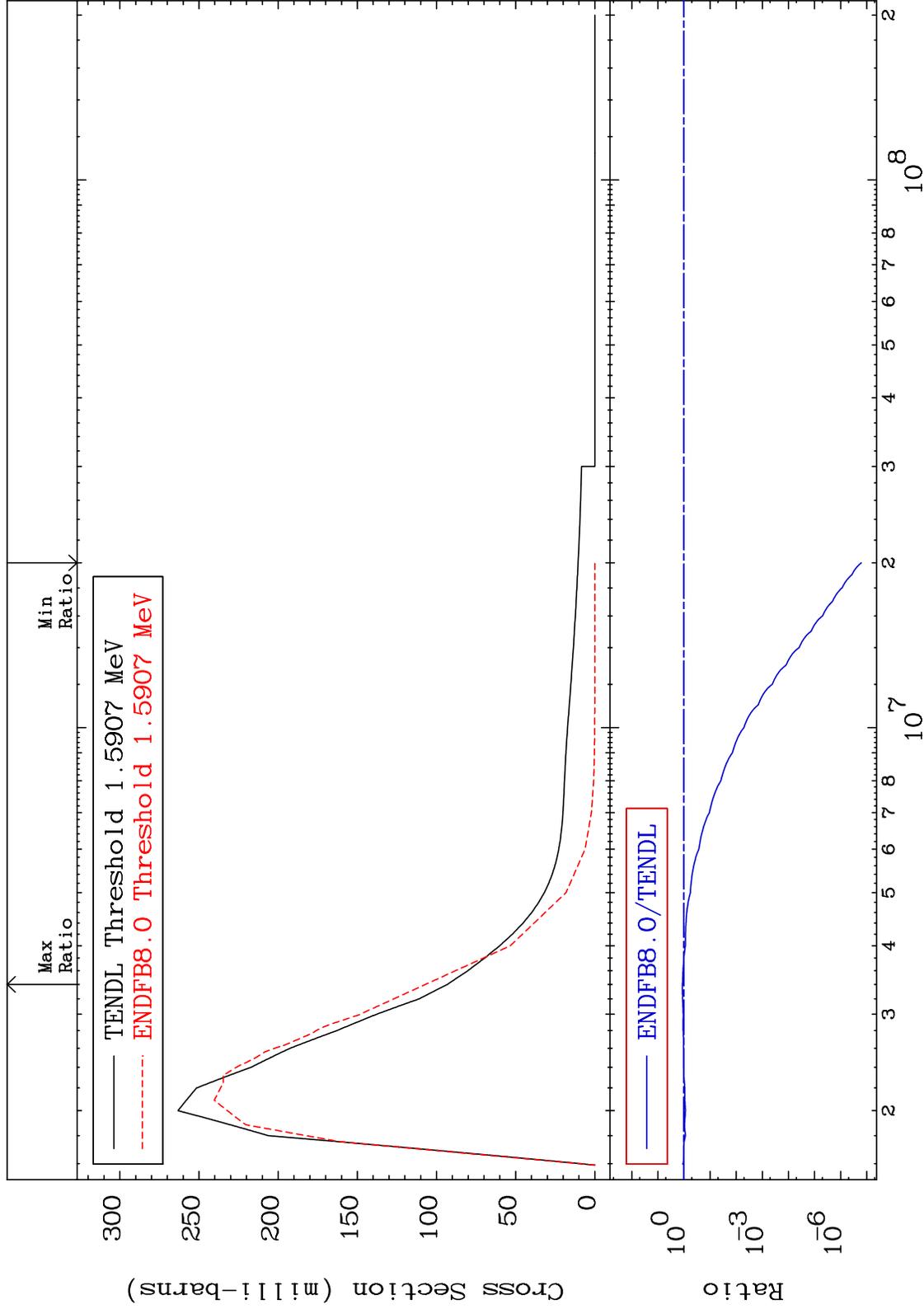


42-Mo-94

MAT 4231

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

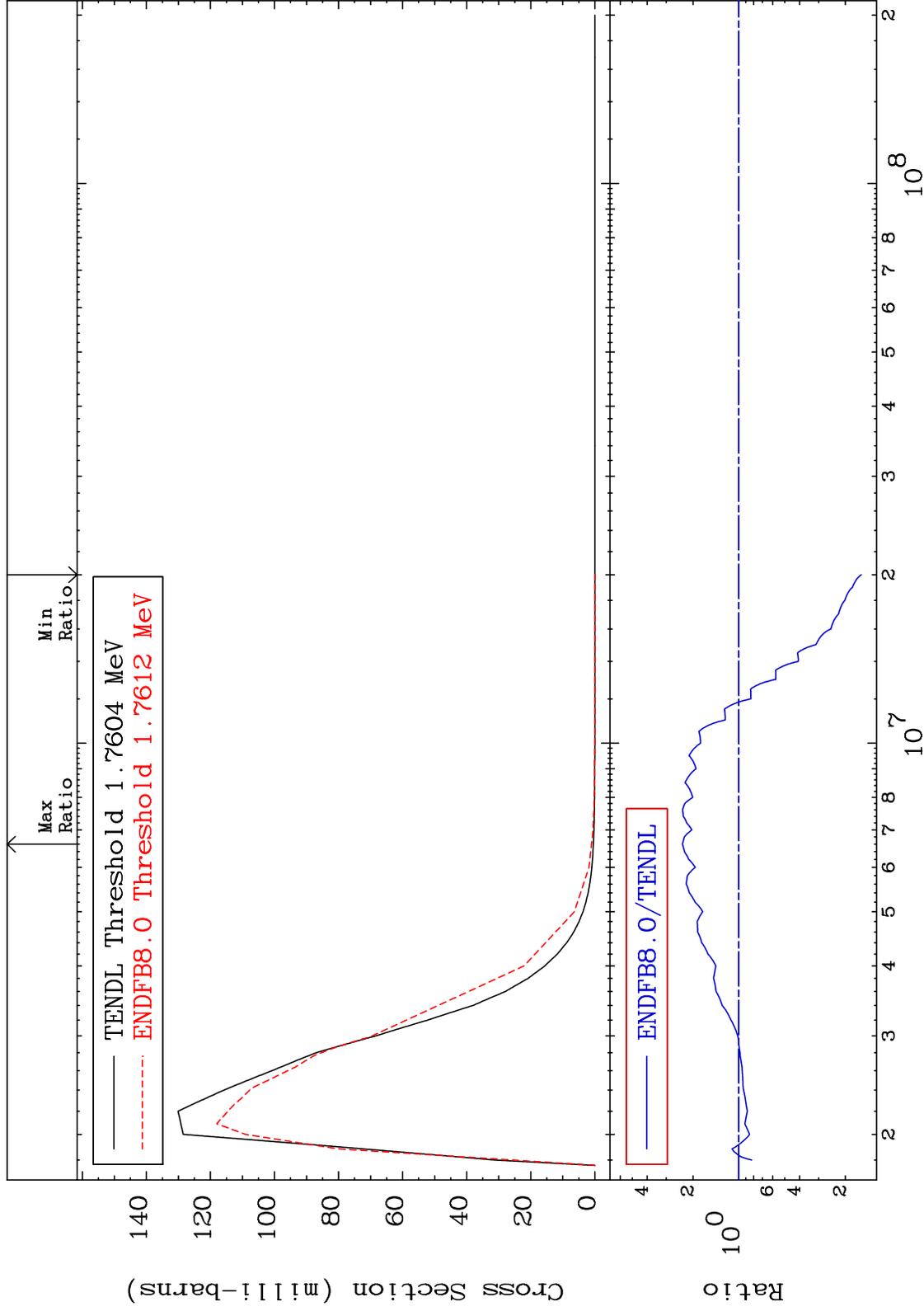
42-Mo-94  
-100.0 To 14.86 %



MAT 4231

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

42-Mo-94  
-84.28 To 134.5 %



10

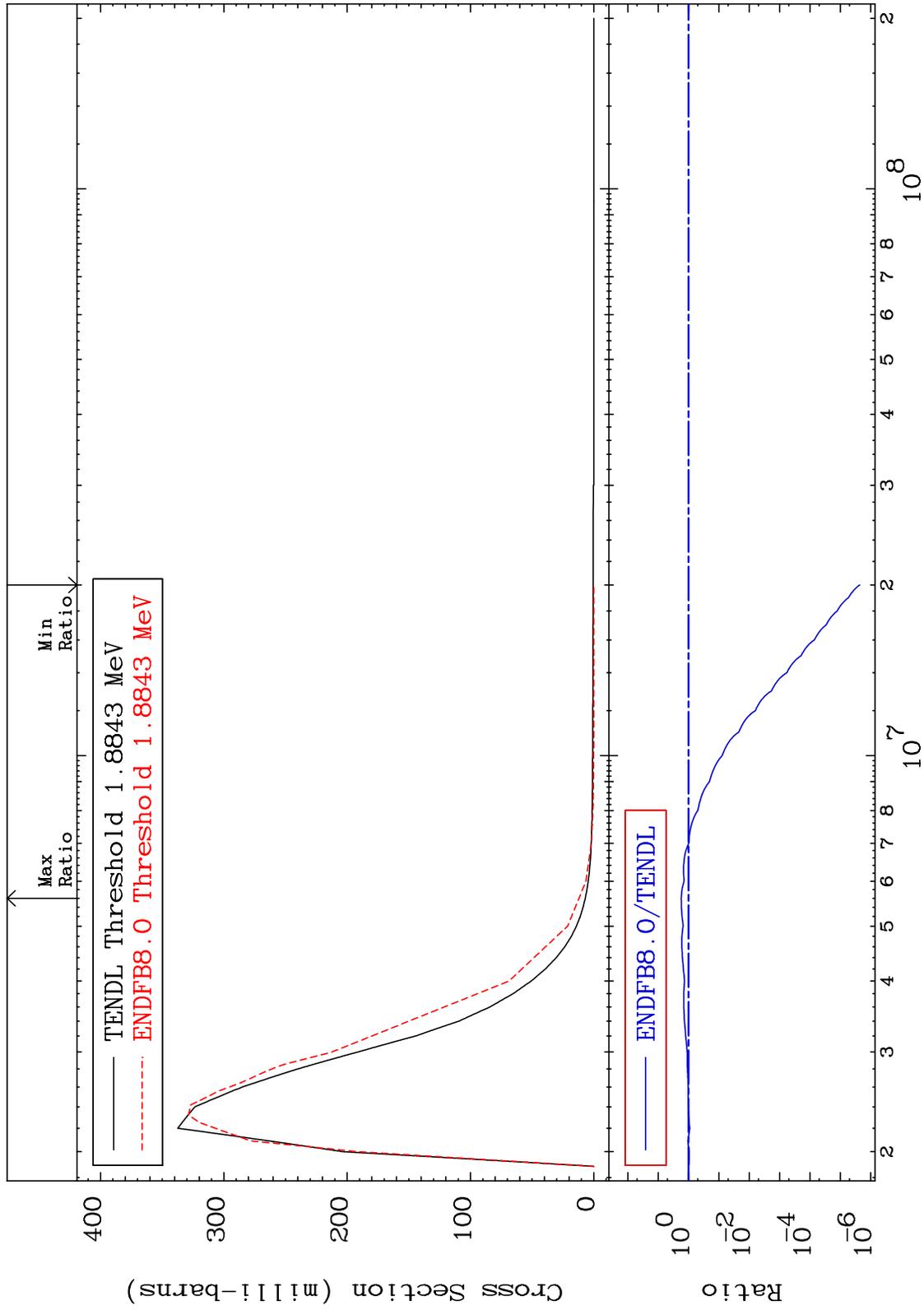
Incident Energy (eV)

42-Mo-94

MAT 4231

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

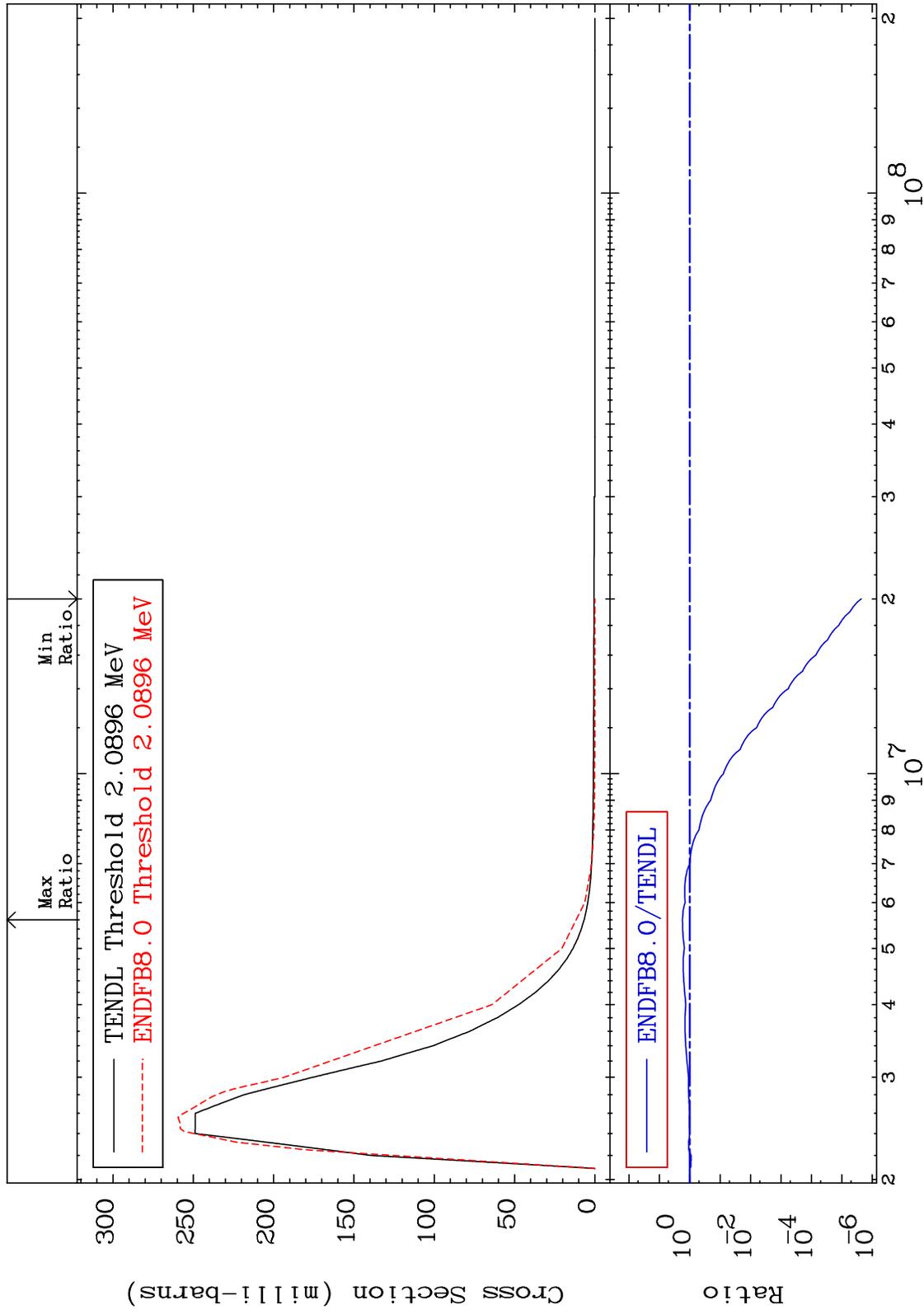
42-Mo-94  
-100.0 To 74.13 %



MAT 4231

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

42-Mo-94  
-100.0 To 73.79 %



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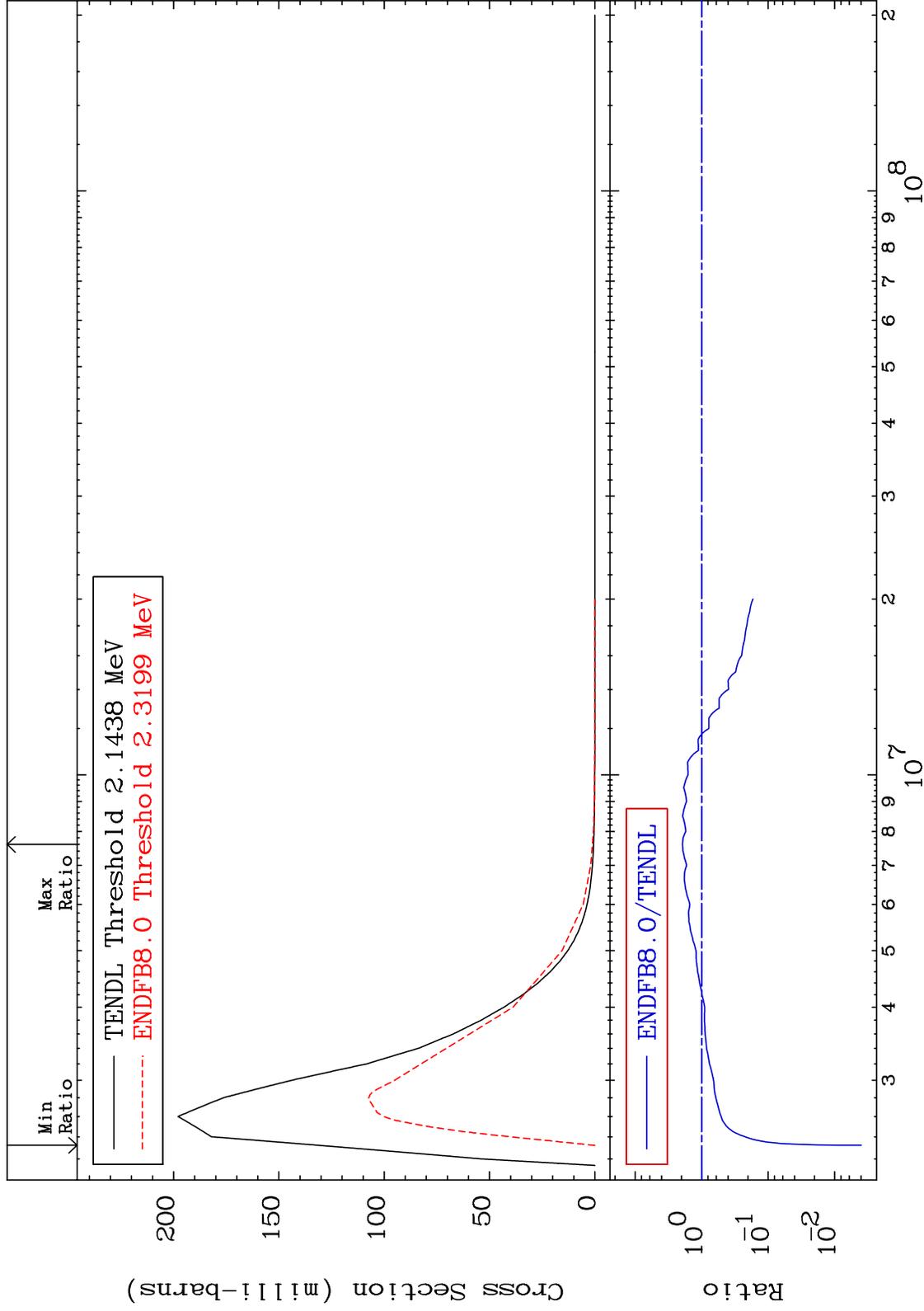
Incident Energy (eV)

42-Mo-94

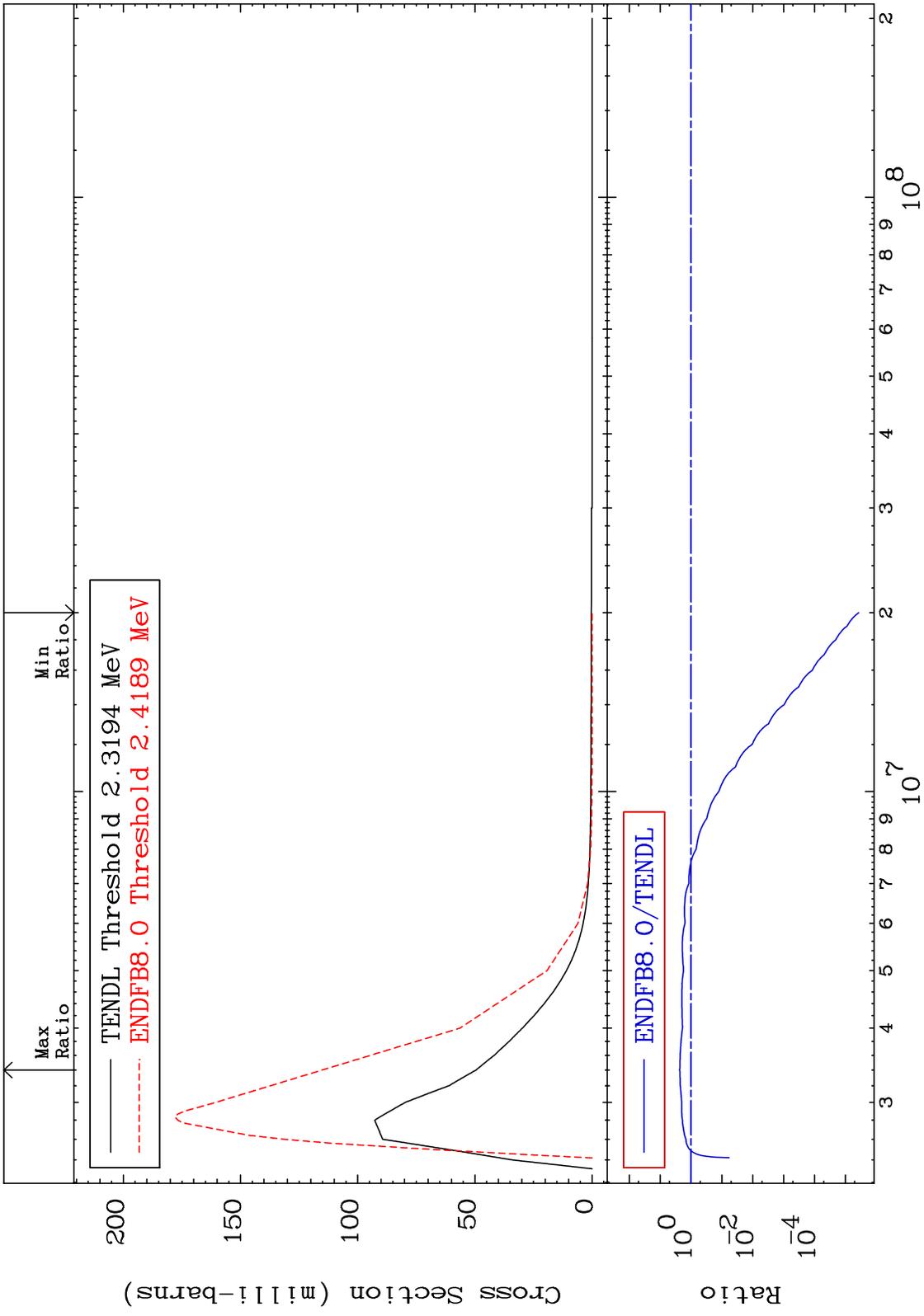
MAT 4231

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

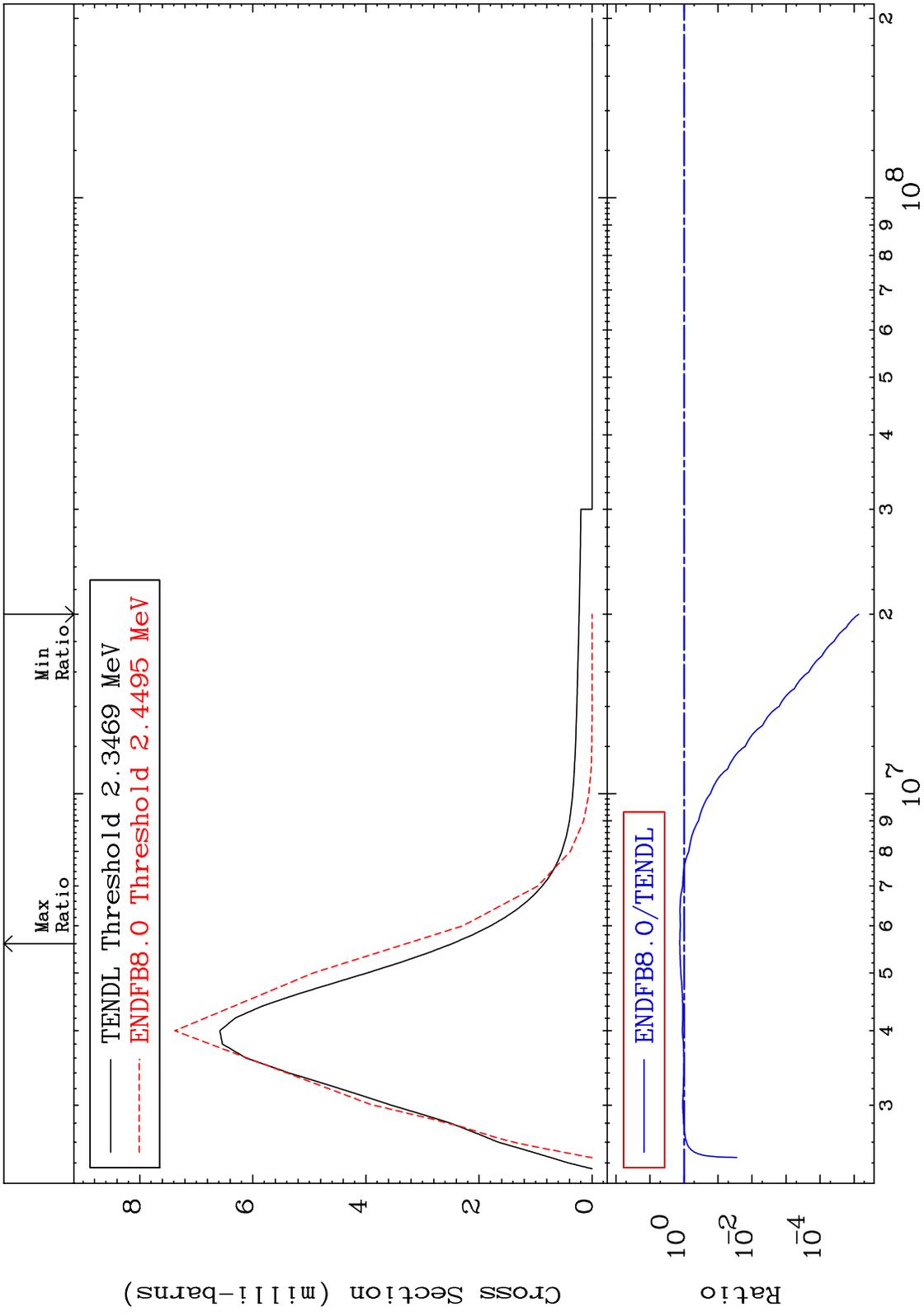
42-Mo-94  
-99.60 To 93.87 %



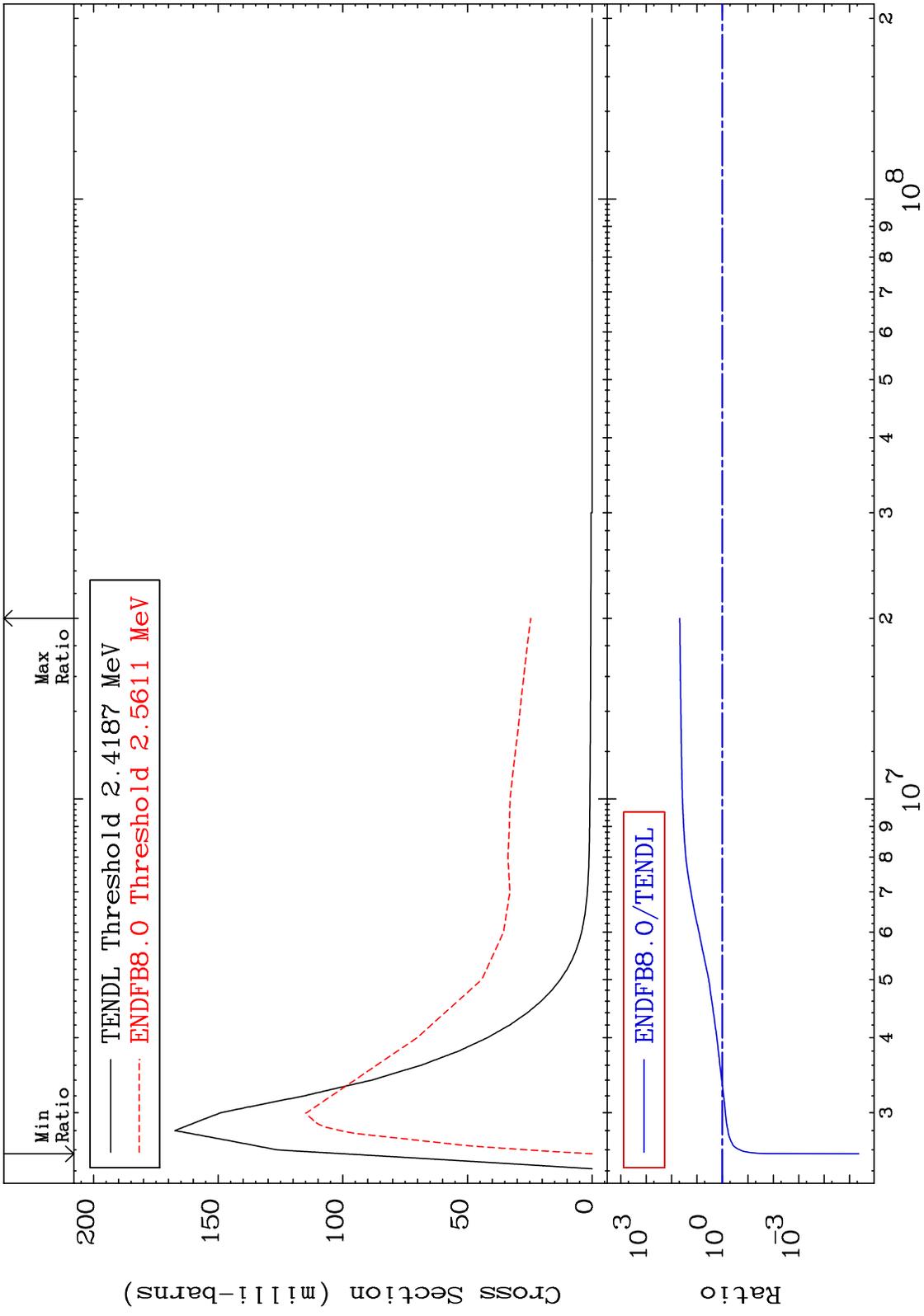
MAT 4231 MT= 57 (n,n') Level Cross Section -100.0 To 132.6 % 42-Mo-94



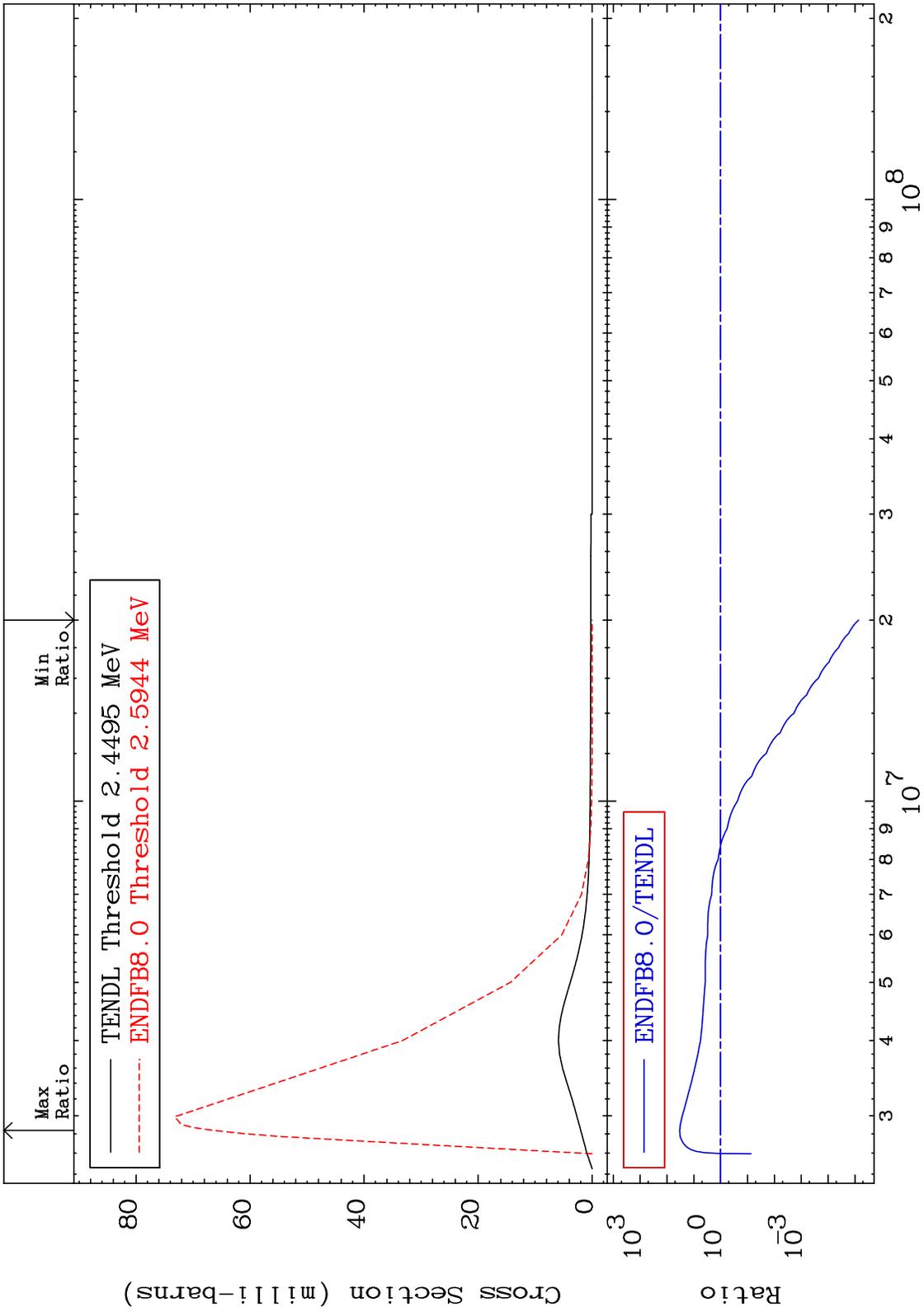
MAT 4231 MT= 58 (n,n') Level Cross Section -100.0 To 32.91 % 42-Mo-94



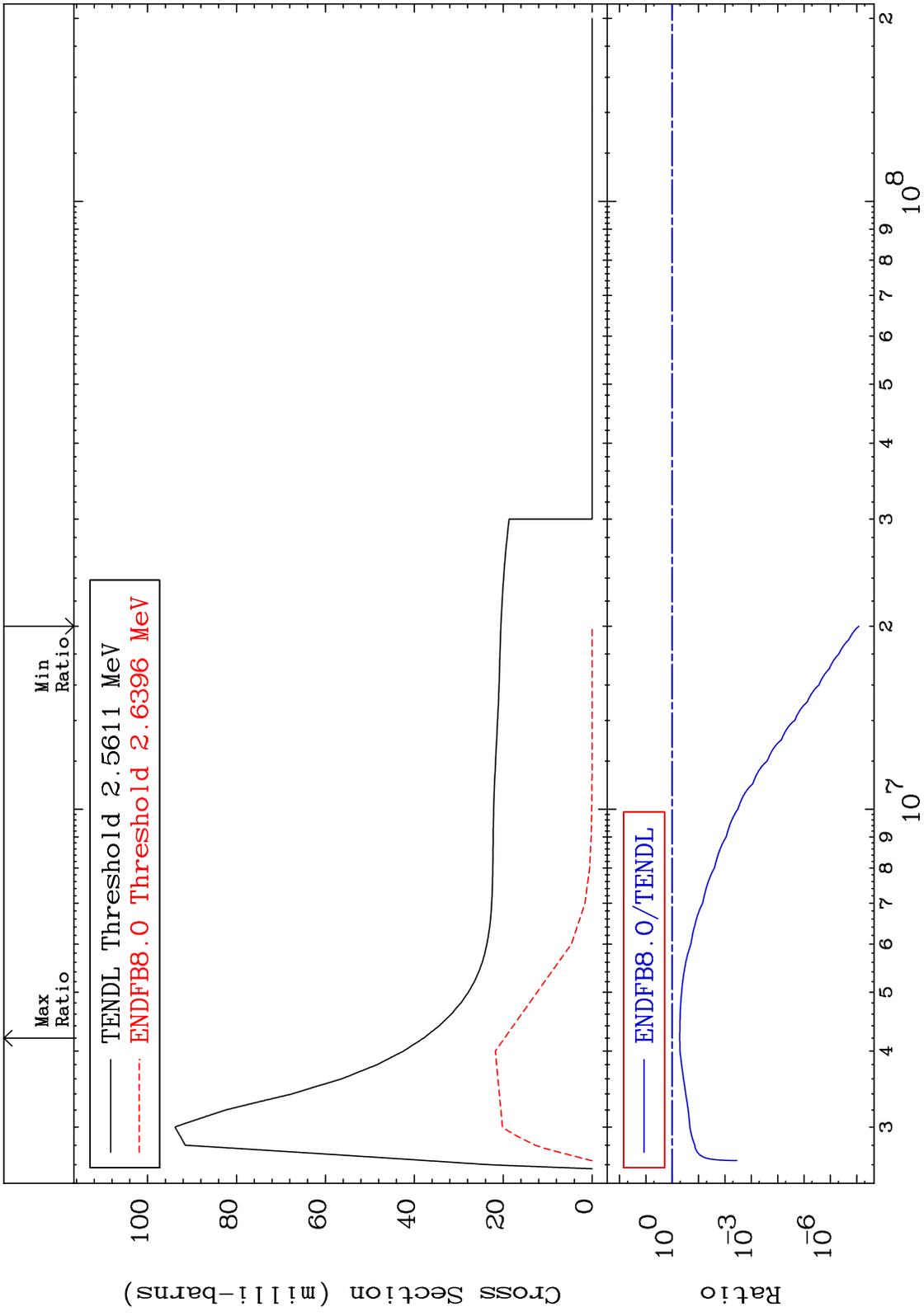
MAT 4231 MT= 59 (n,n') Level Cross Section -100.0 To 4698. % 42-Mo-94



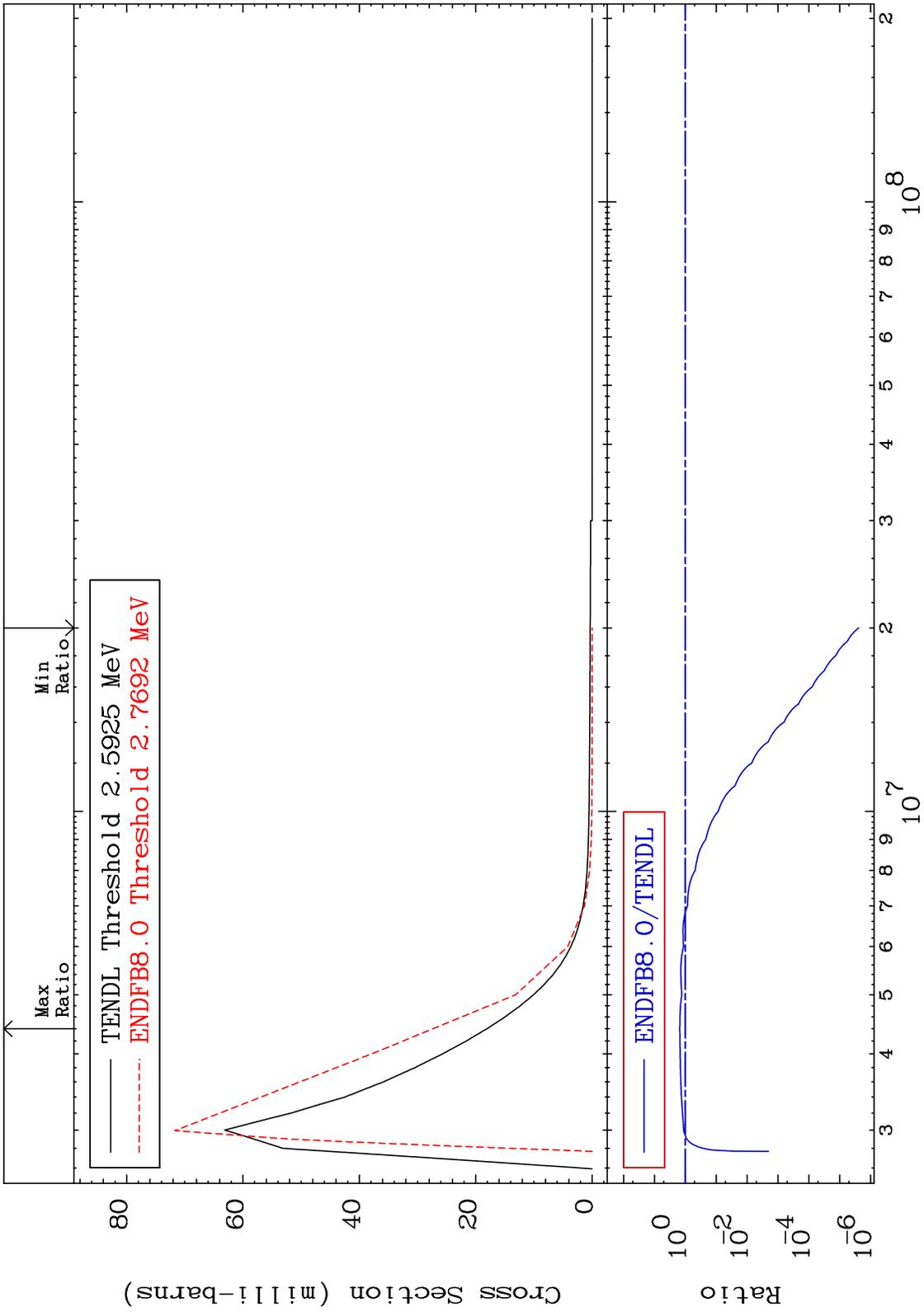
MAT 4231 MT= 60 (n,n') Level Cross Section -100.0 To 3250. % 42-Mo-94



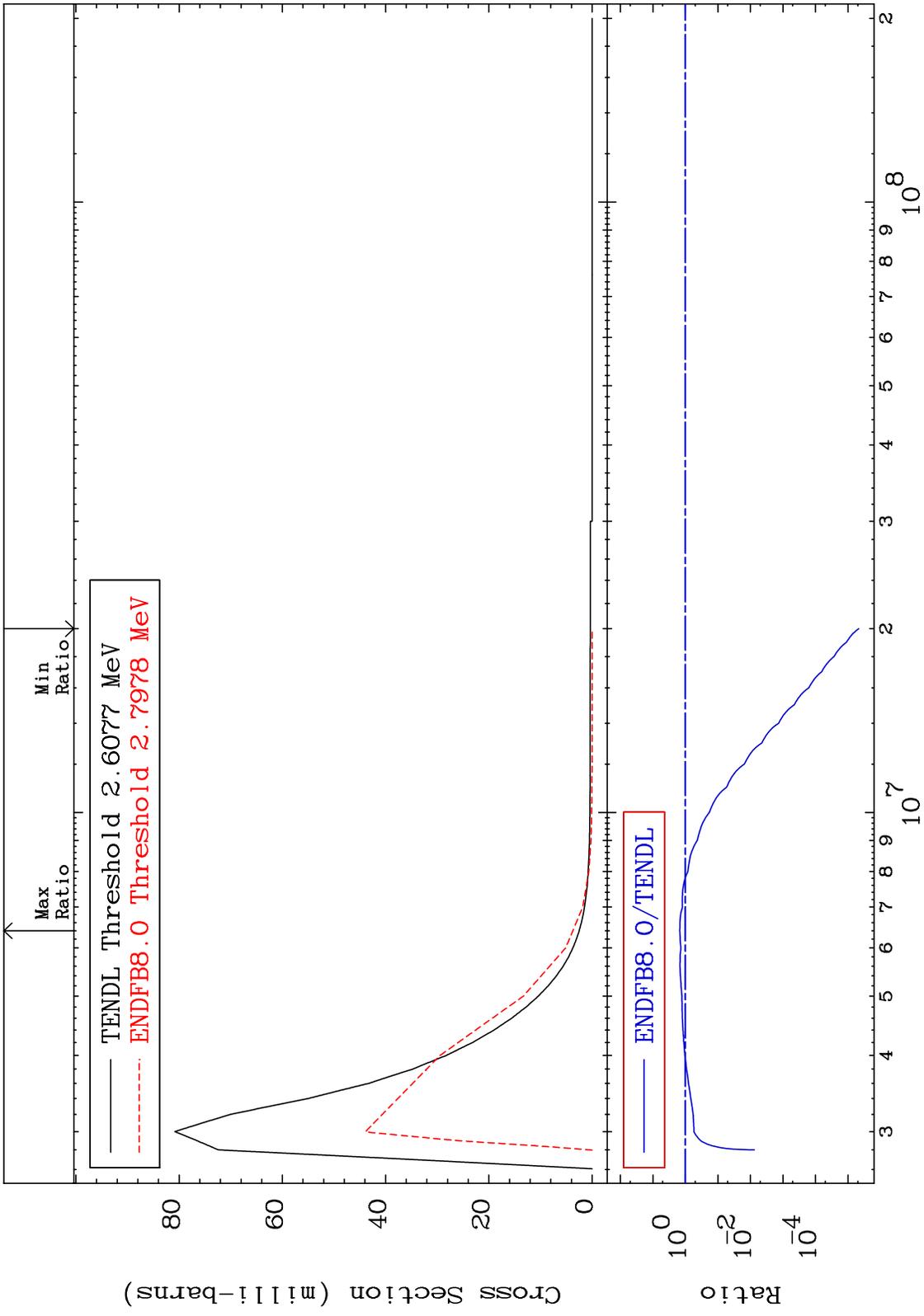
MAT 4231 MT= 61 (n,n') Level Cross Section -100.0 To -48.02% 42-Mo-94



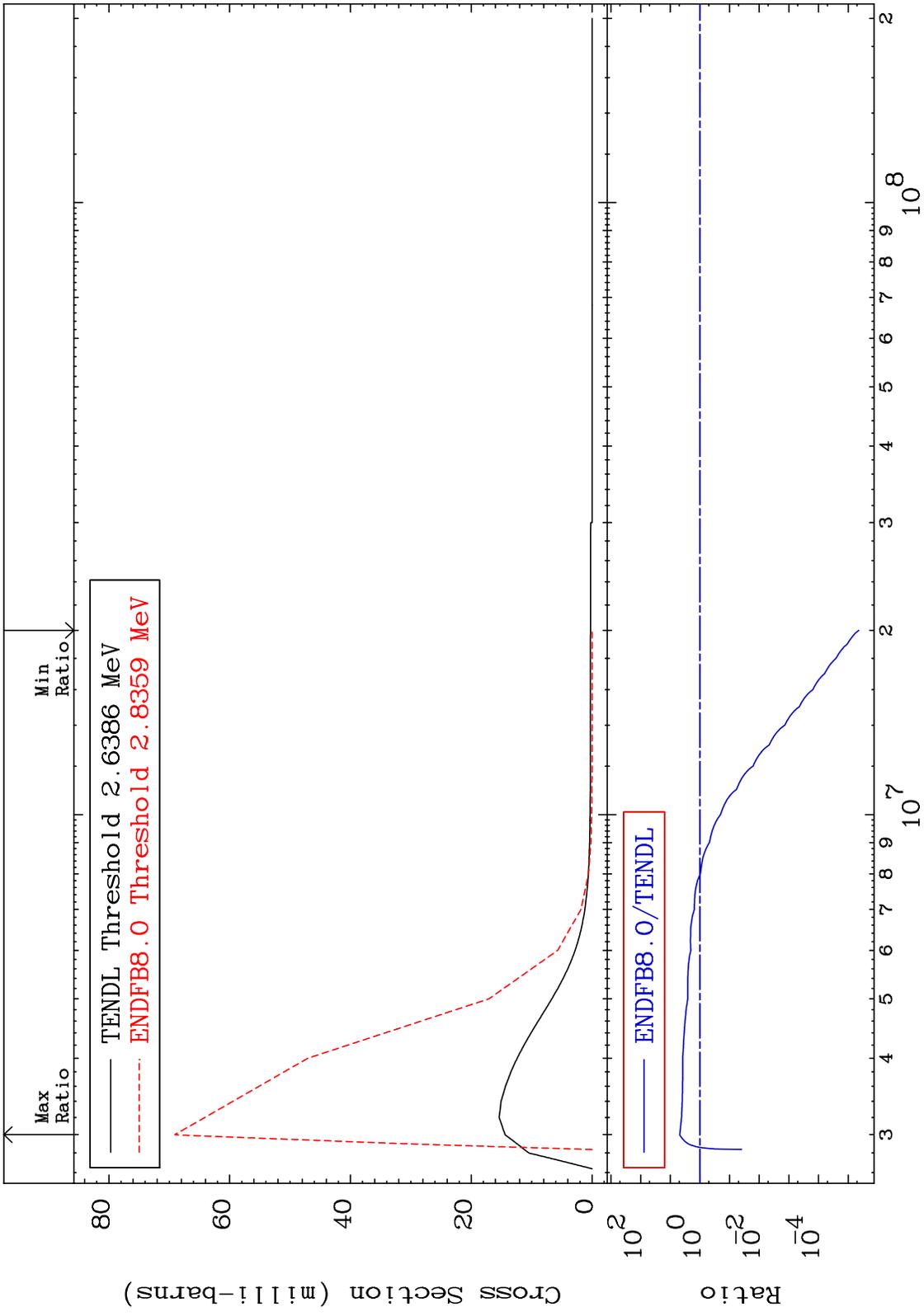
MAT 4231 MT= 62 (n,n') Level Cross Section -100.0 To 51.42 % 42-Mo-94



MAT 4231 MT= 63 (n,n') Level Cross Section -100.0 To 49.19 % 42-Mo-94



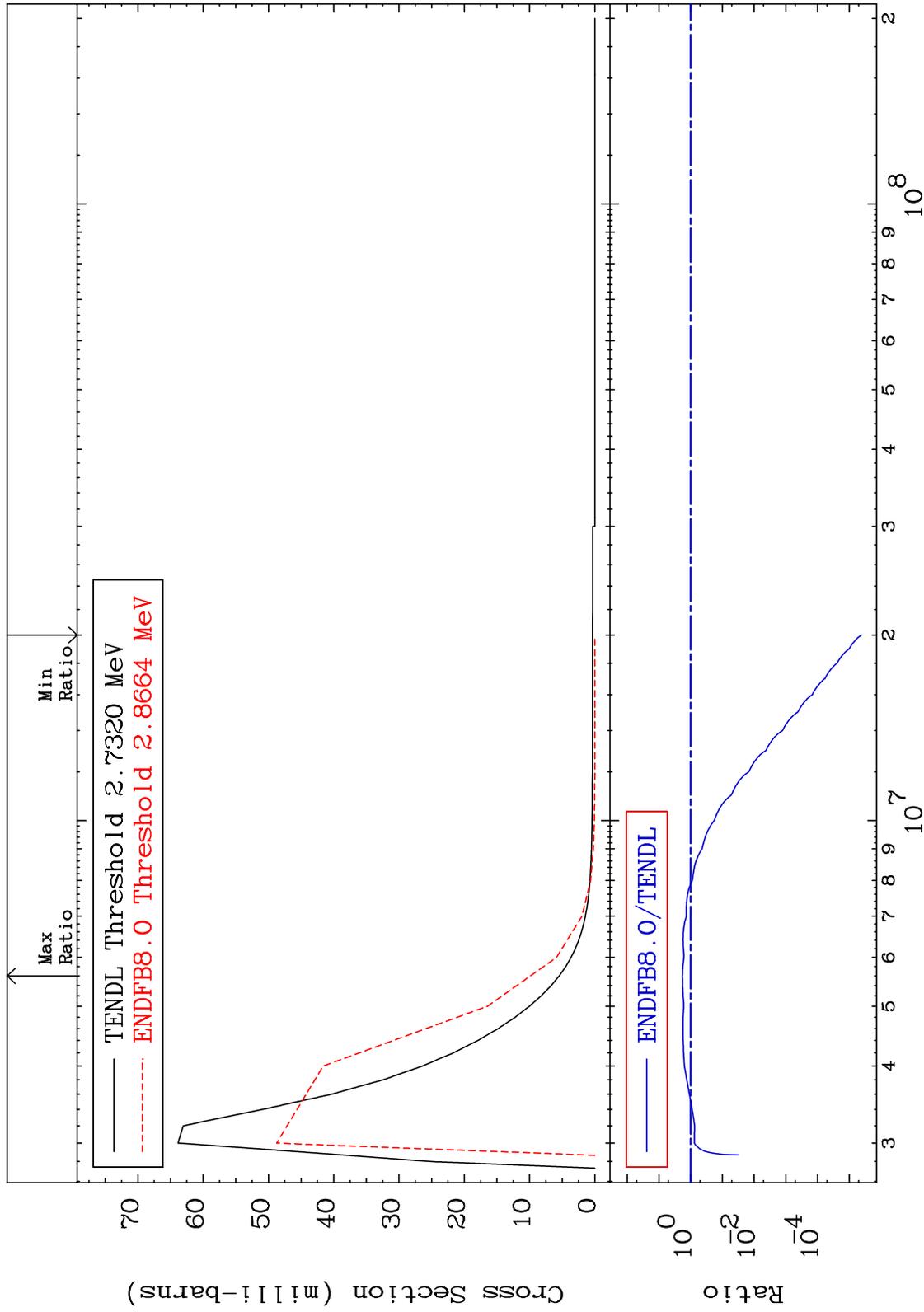
MAT 4231 MT= 64 (n,n') Level Cross Section -100.0 To 378.9 % 42-Mo-94



MAT 4231

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

42-Mo-94  
-100.0 To 80.93 %



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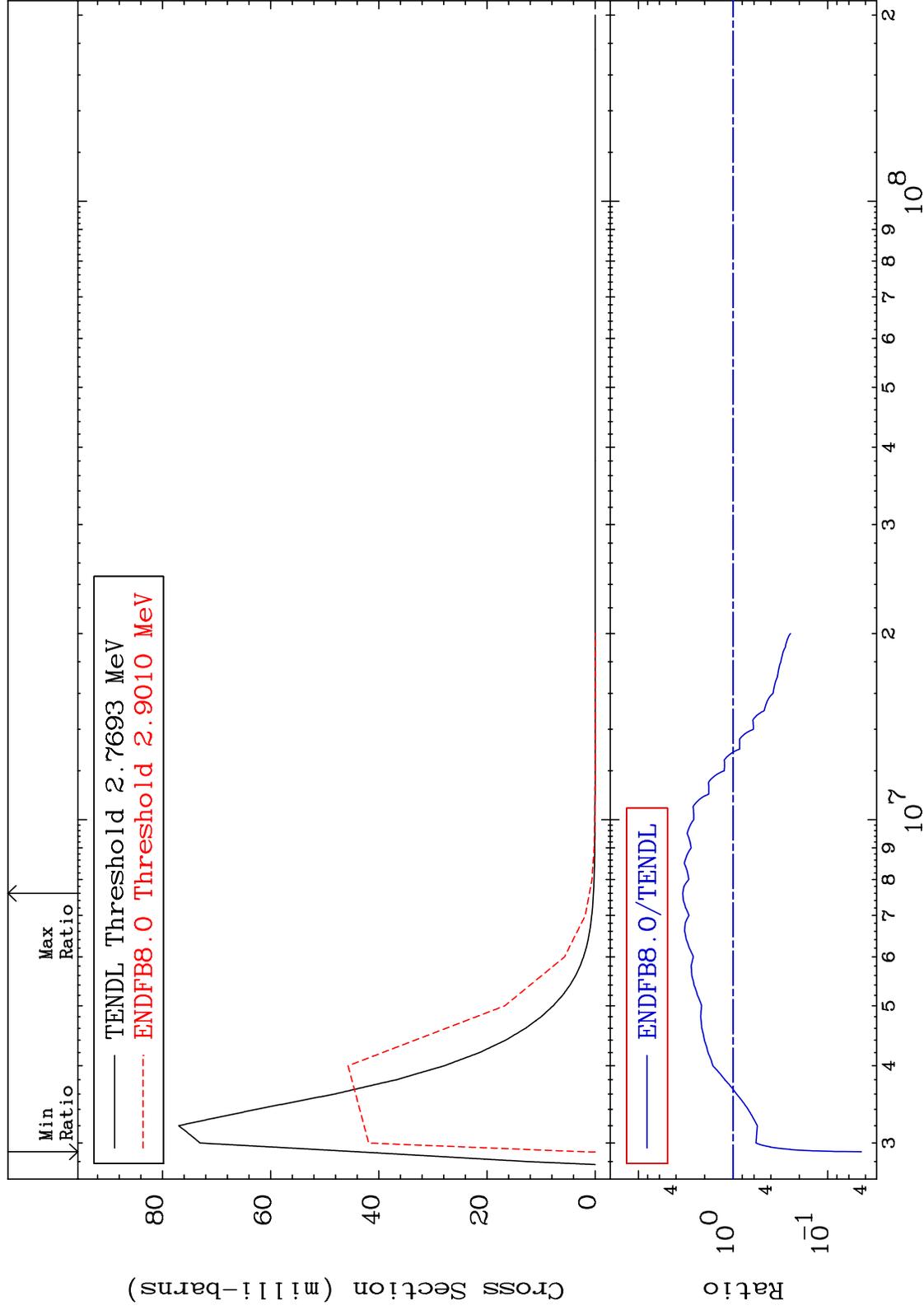
Incident Energy (eV)

42-Mo-94

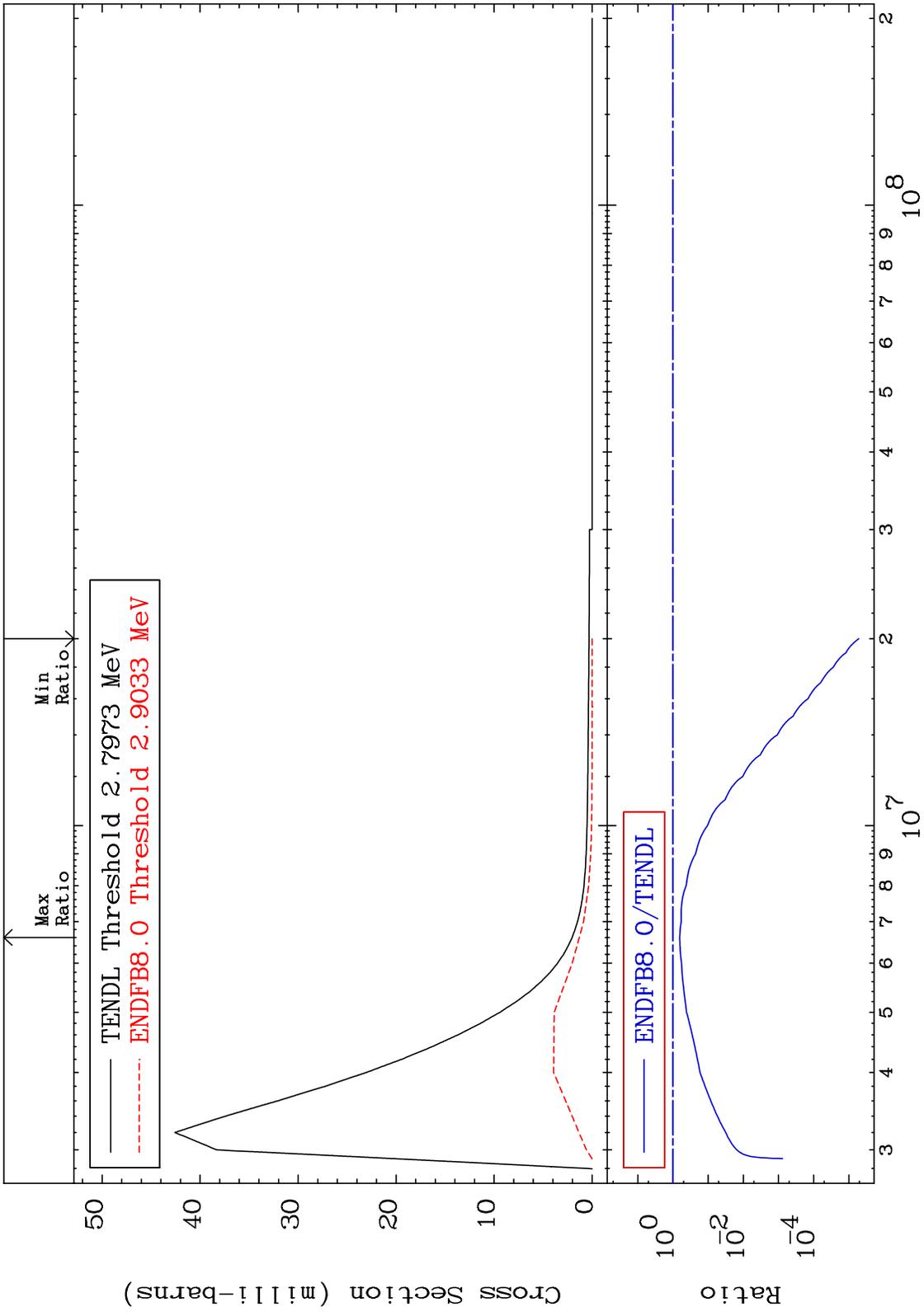
MAT 4231

MT= 66 (n,n') Level  
Cross Section

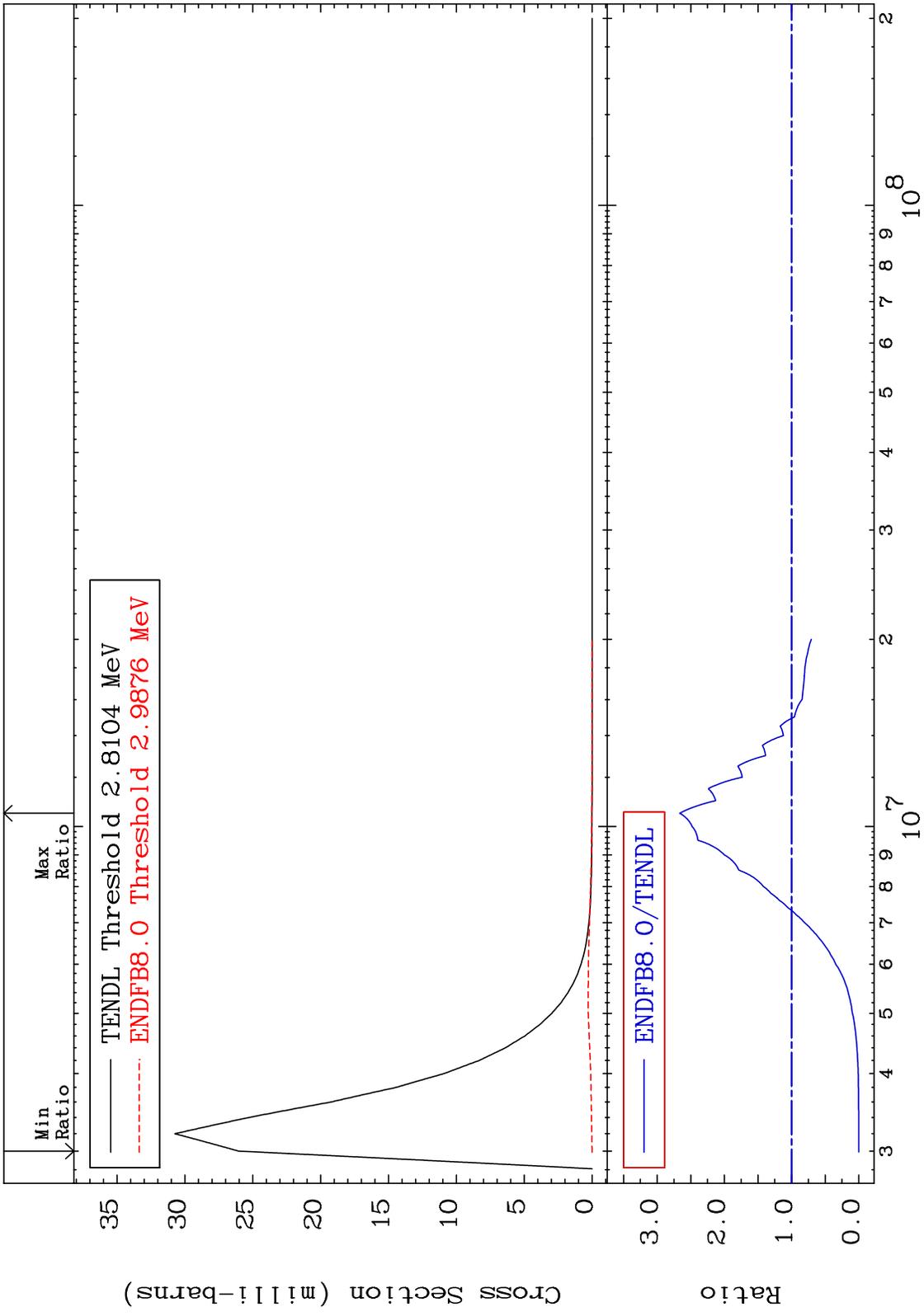
42-Mo-94  
-95.58 To 241.2 %



MAT 4231 MT= 67 (n,n') Level Cross Section -100.0 To -35.95% 42-Mo-94



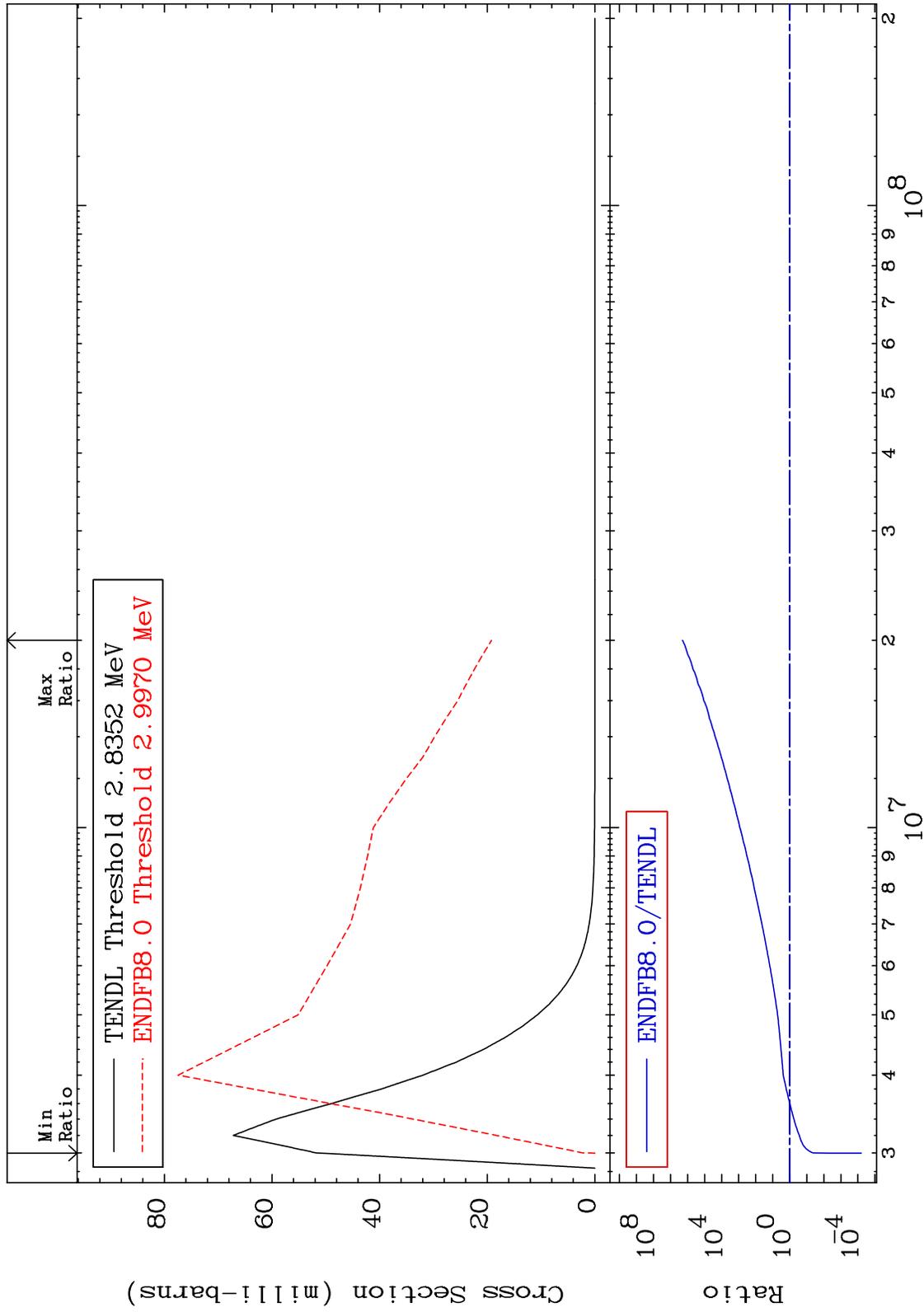
MAT 4231 MT= 68 (n,n') Level Cross Section -100.0 To 166.4 % 42-Mo-94



MAT 4231

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

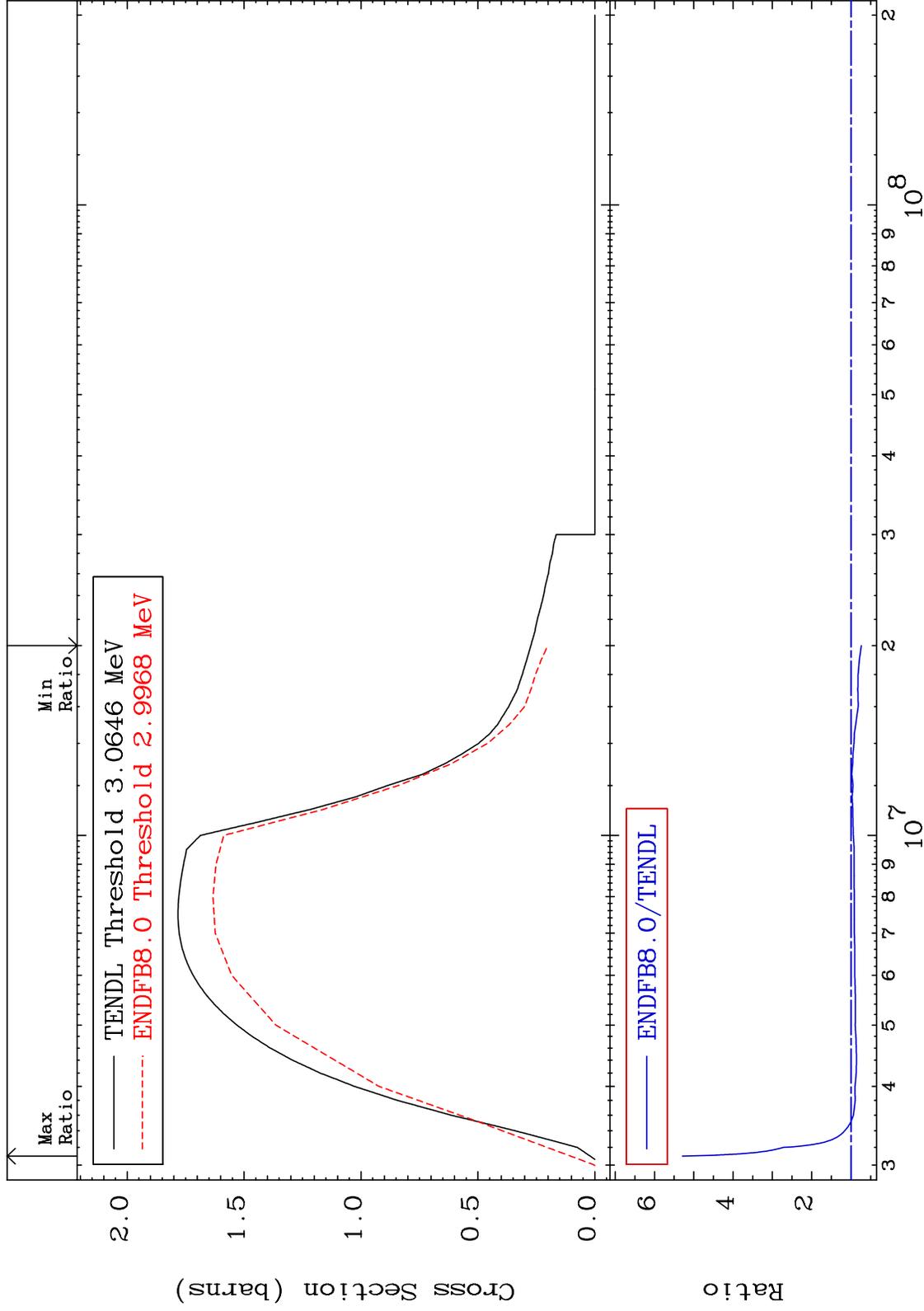
42-Mo-94  
-99.99 To 9999. %



MAT 4231

(n, n') Continuum  
Cross Section

42-Mo-94  
-26.39 To 428.9 %



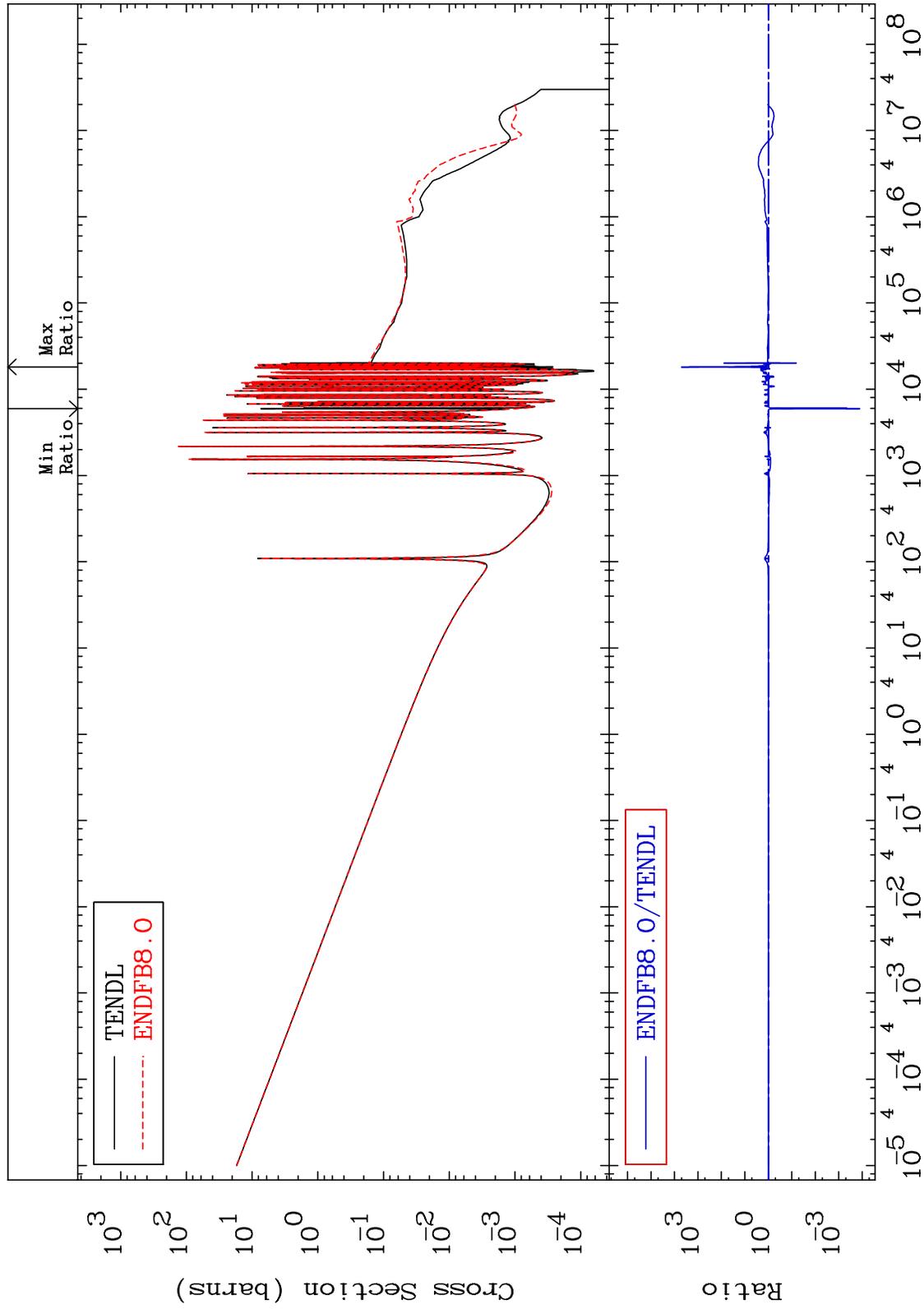
MAT 4231

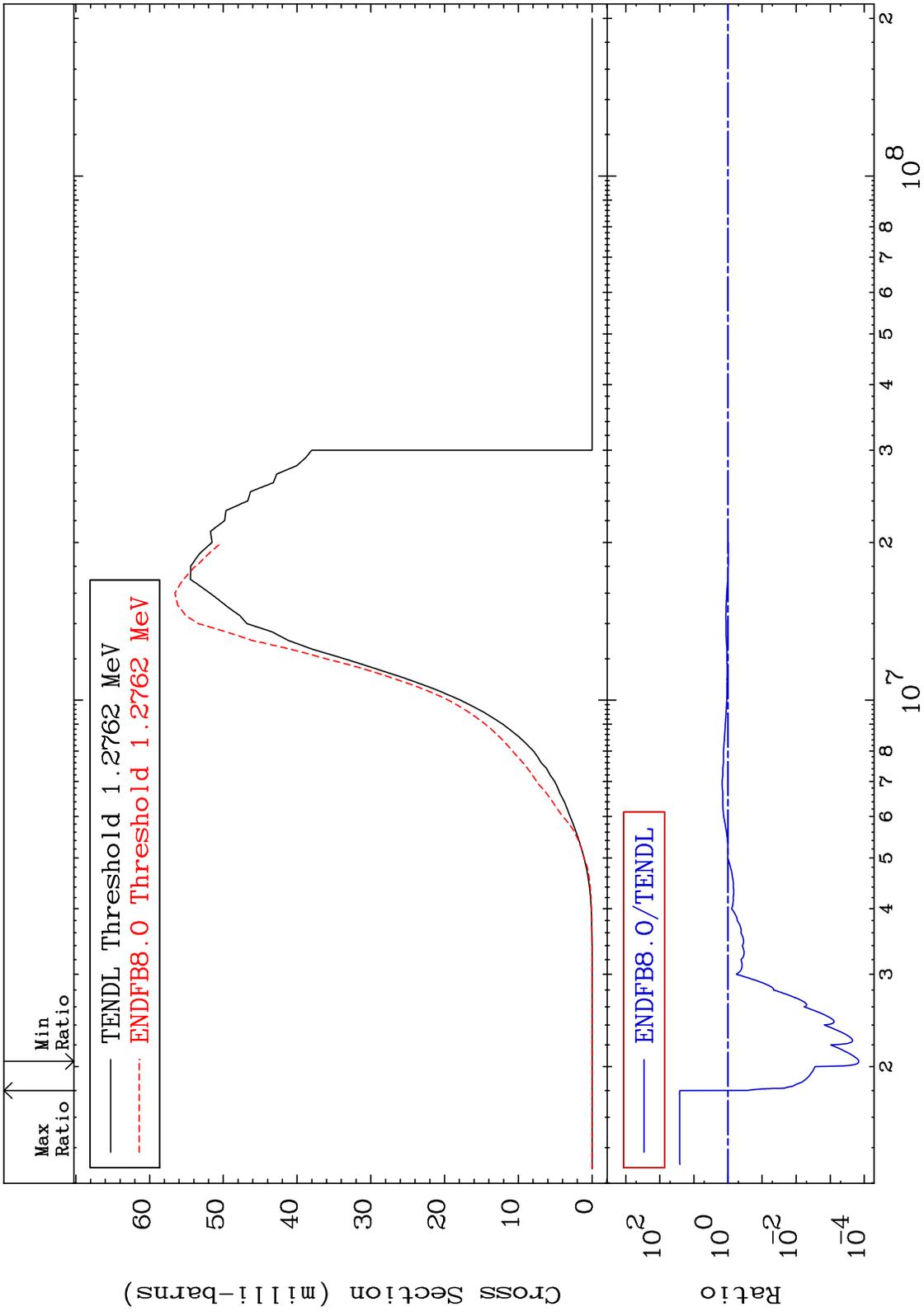
(n,  $\gamma$ )

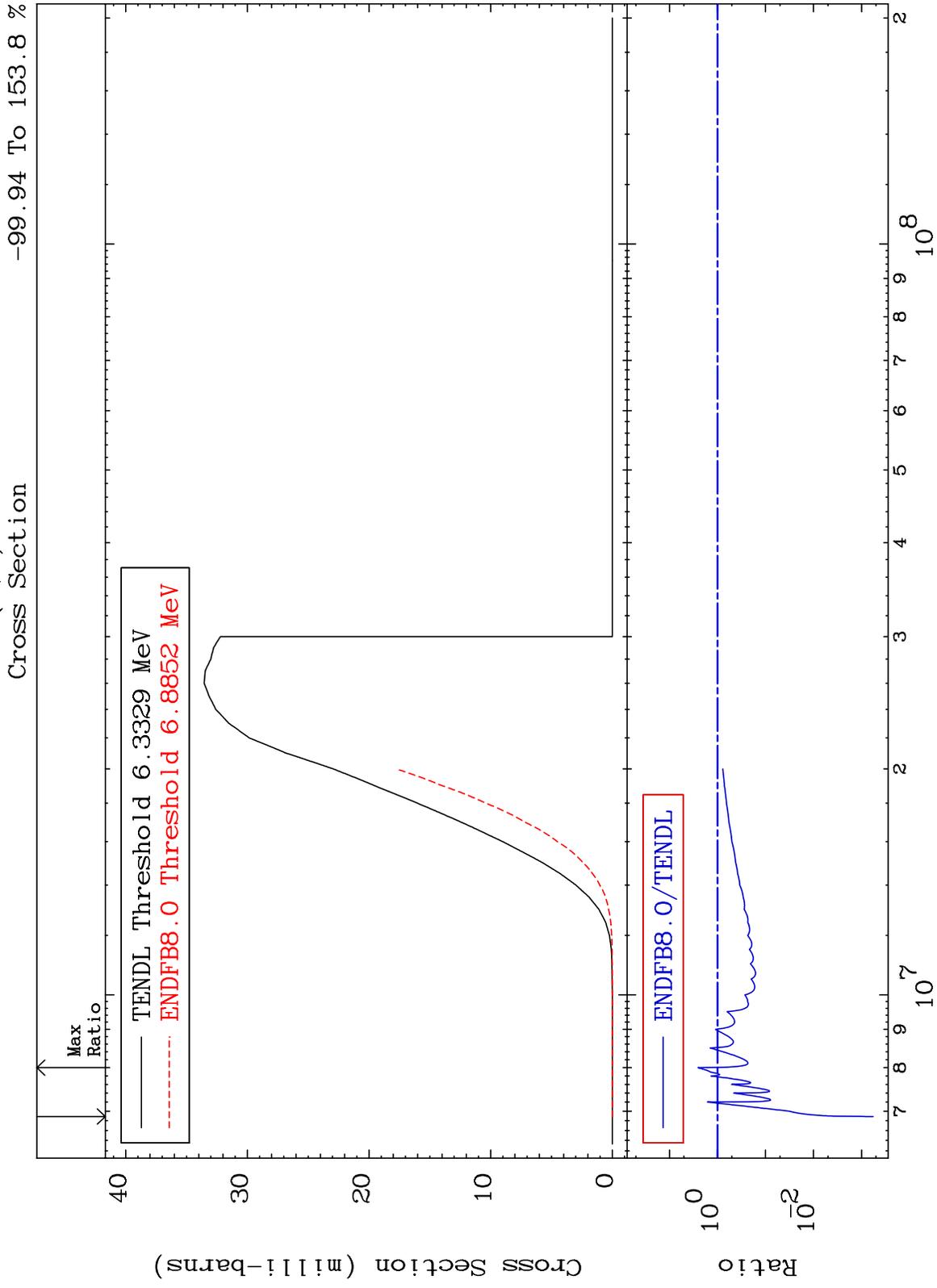
42-Mo-94

Cross Section

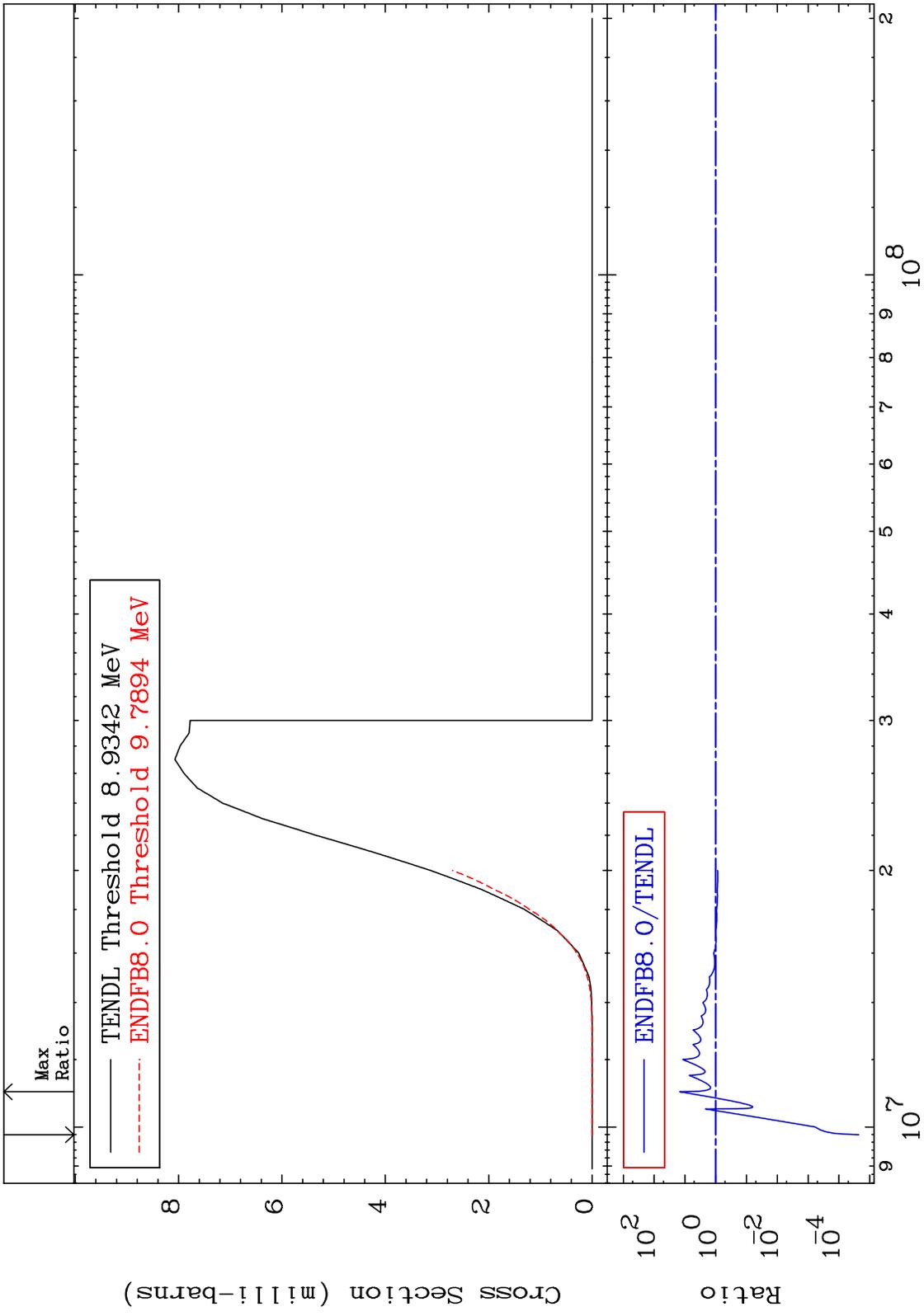
-99.99 To 9999. %

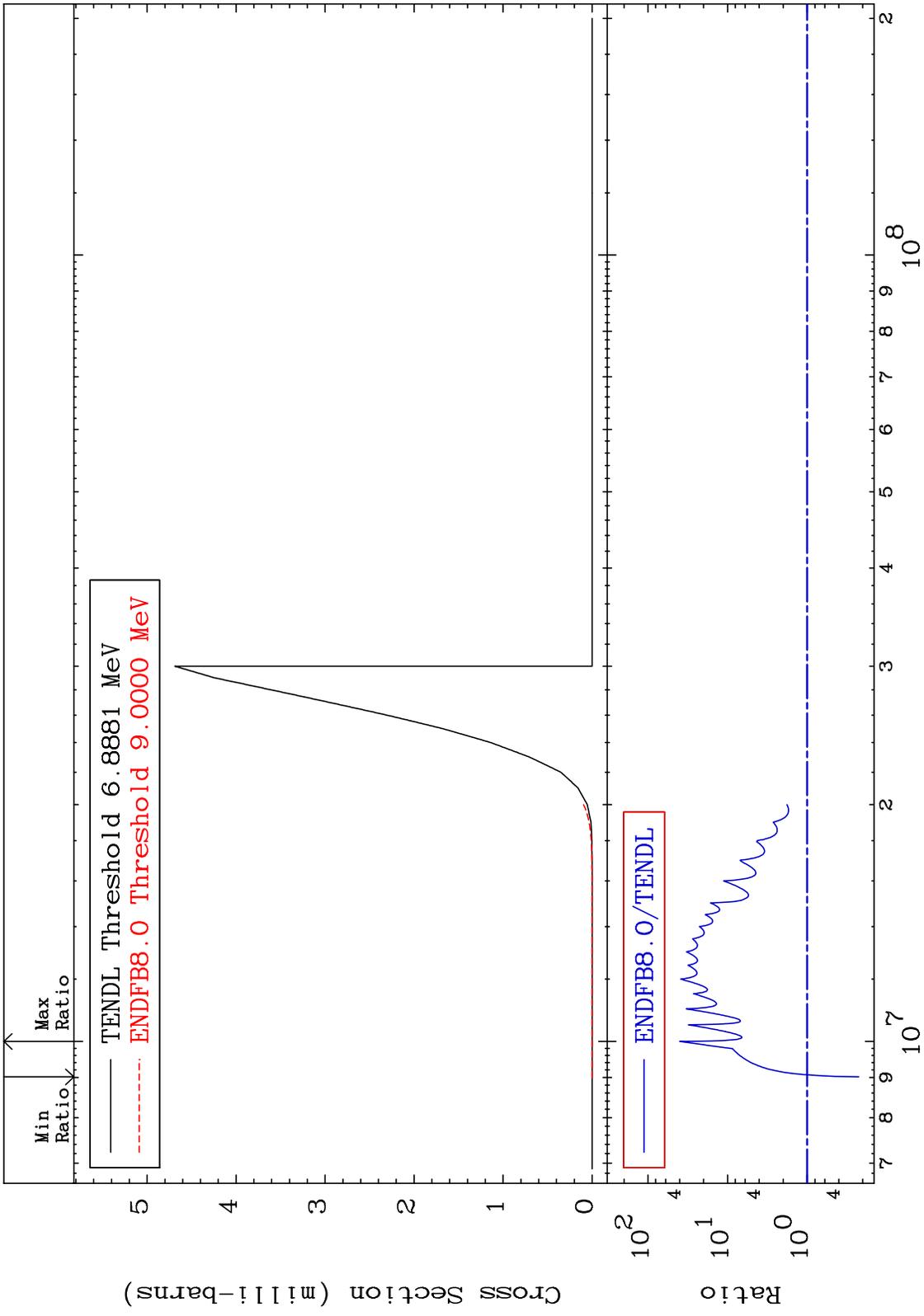






MAT 4231 (n,t) Cross Section 42-Mo-94 -100.0 To 1372. %





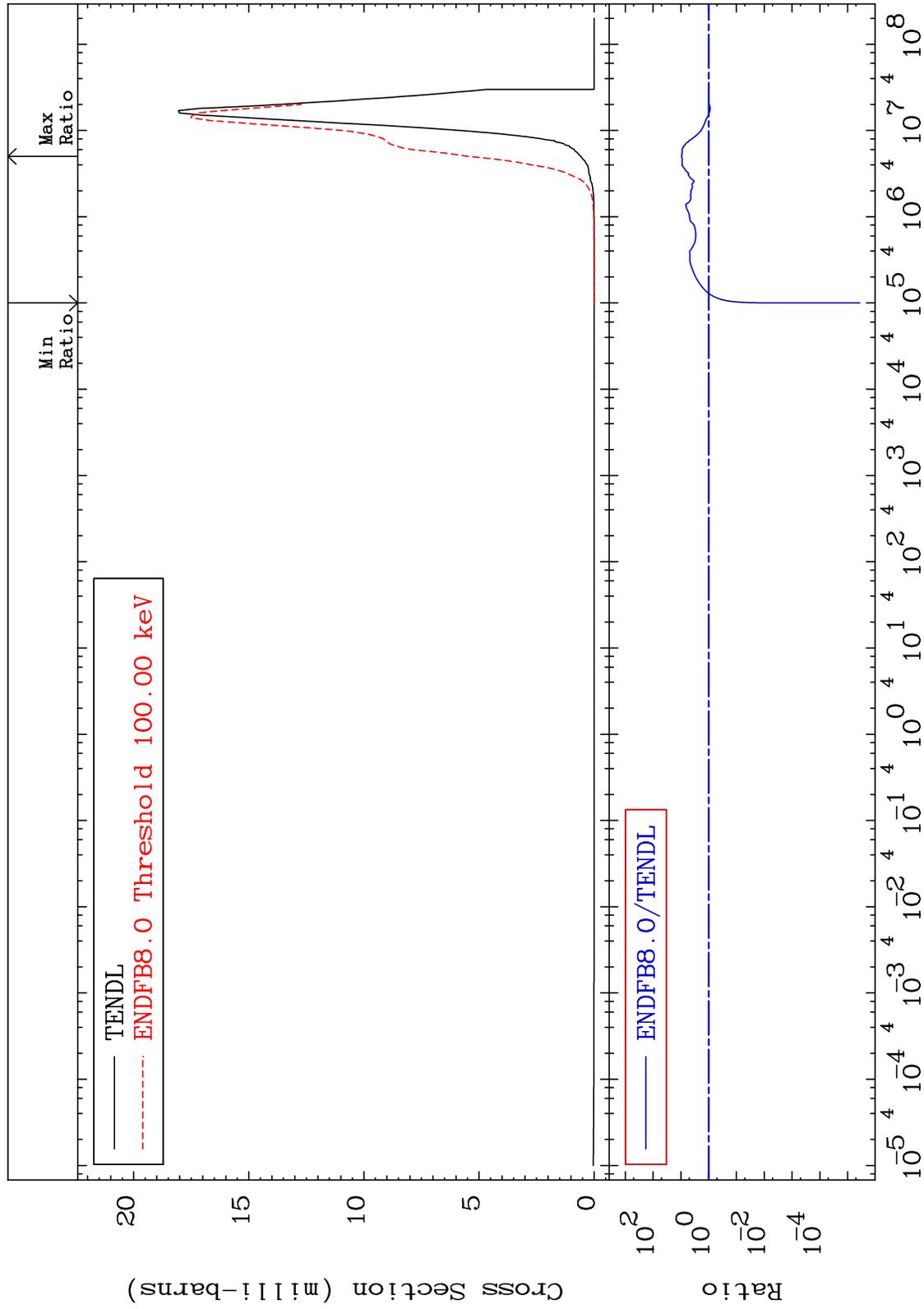
MAT 4231

(n,  $\alpha$ )

42-Mo-94

Cross Section

-100.0 To 851.9 %



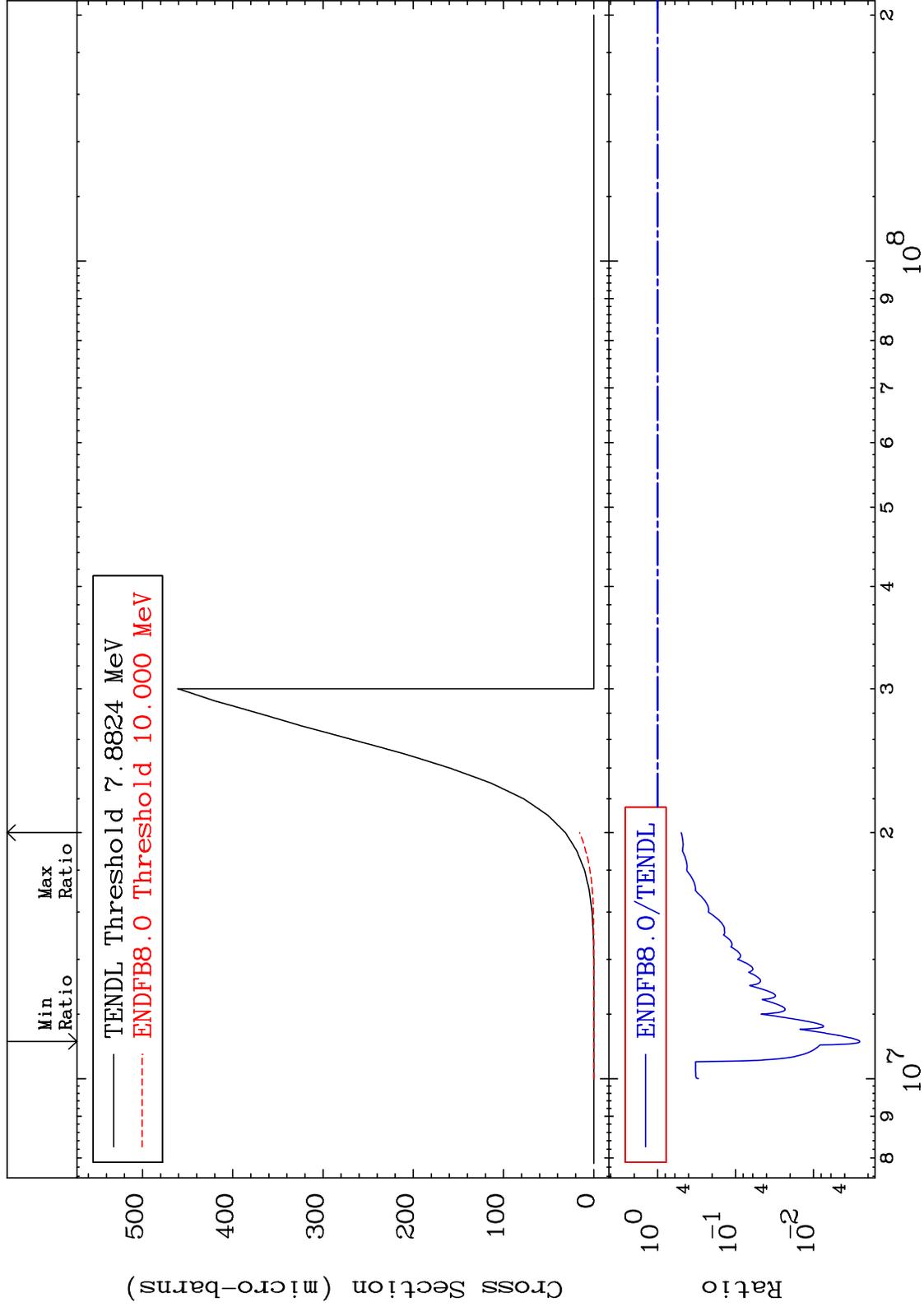
MAT 4231

(n,2p)

42-Mo-94

Cross Section

-99.74 To -50.24%



34

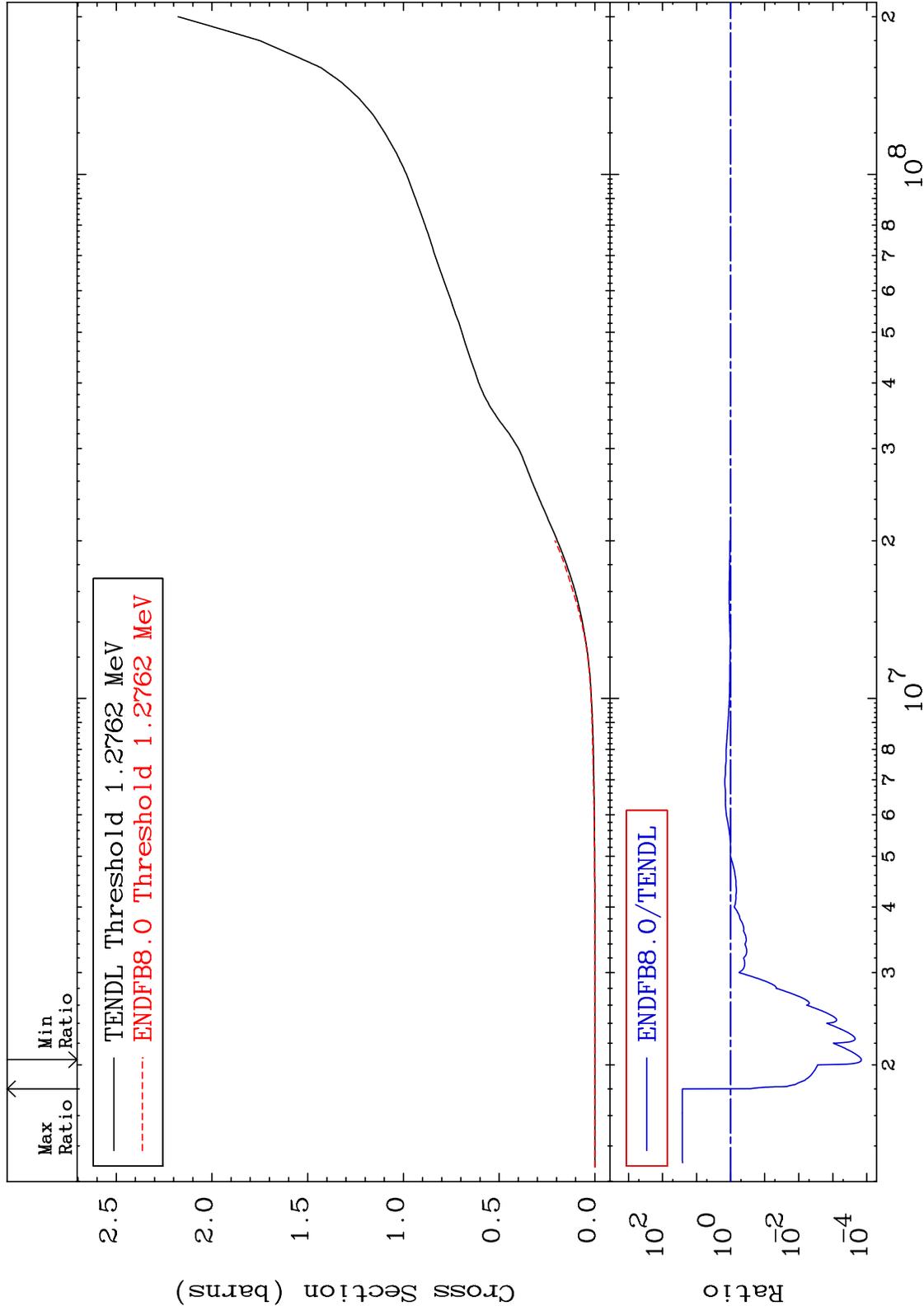
Incident Energy (eV)

42-Mo-94

MAT 4231

Hydrogen Production  
Cross Section

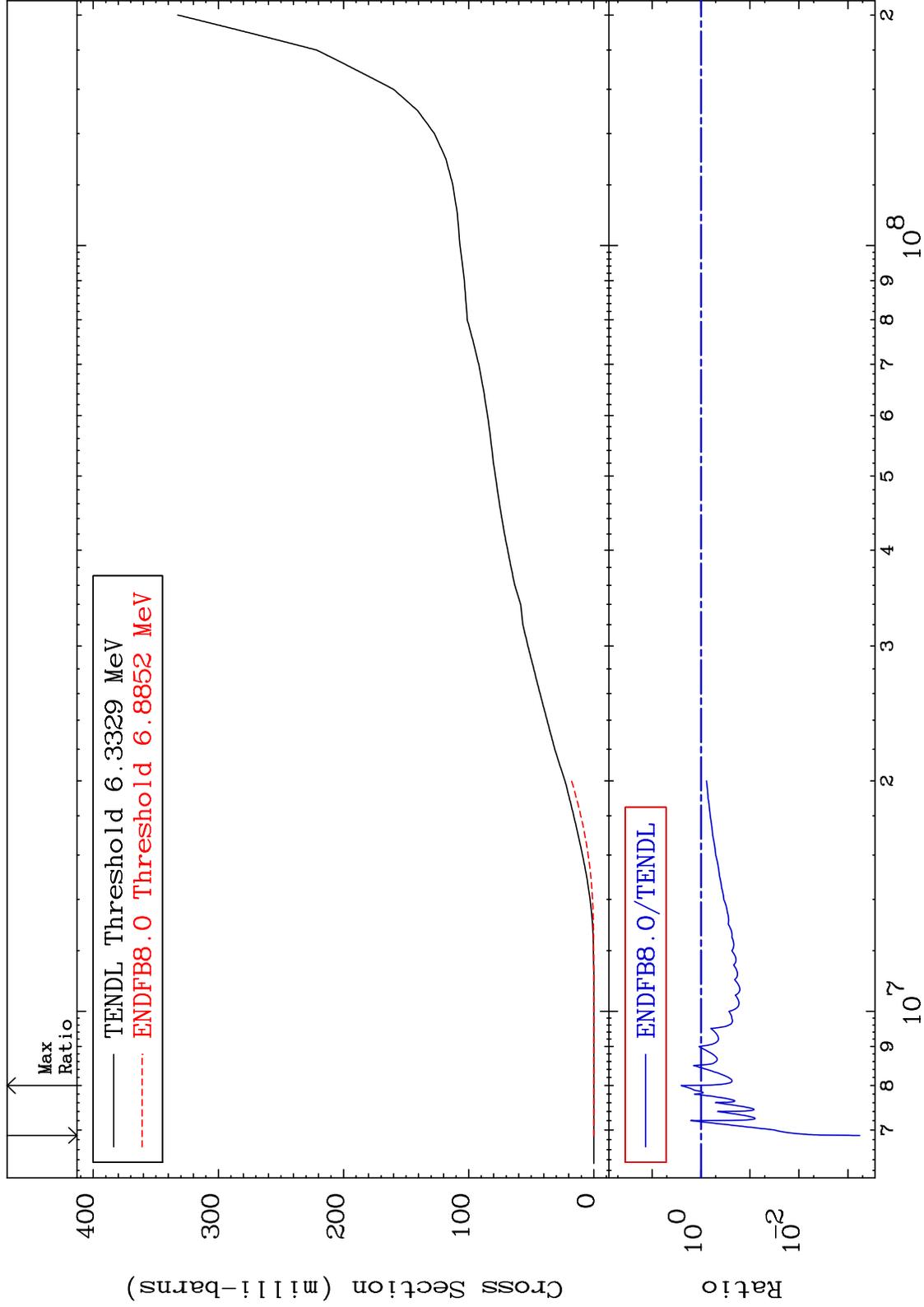
42-Mo-94  
-99.99 To 2506. %



MAT 4231

Deuterium Production  
Cross Section

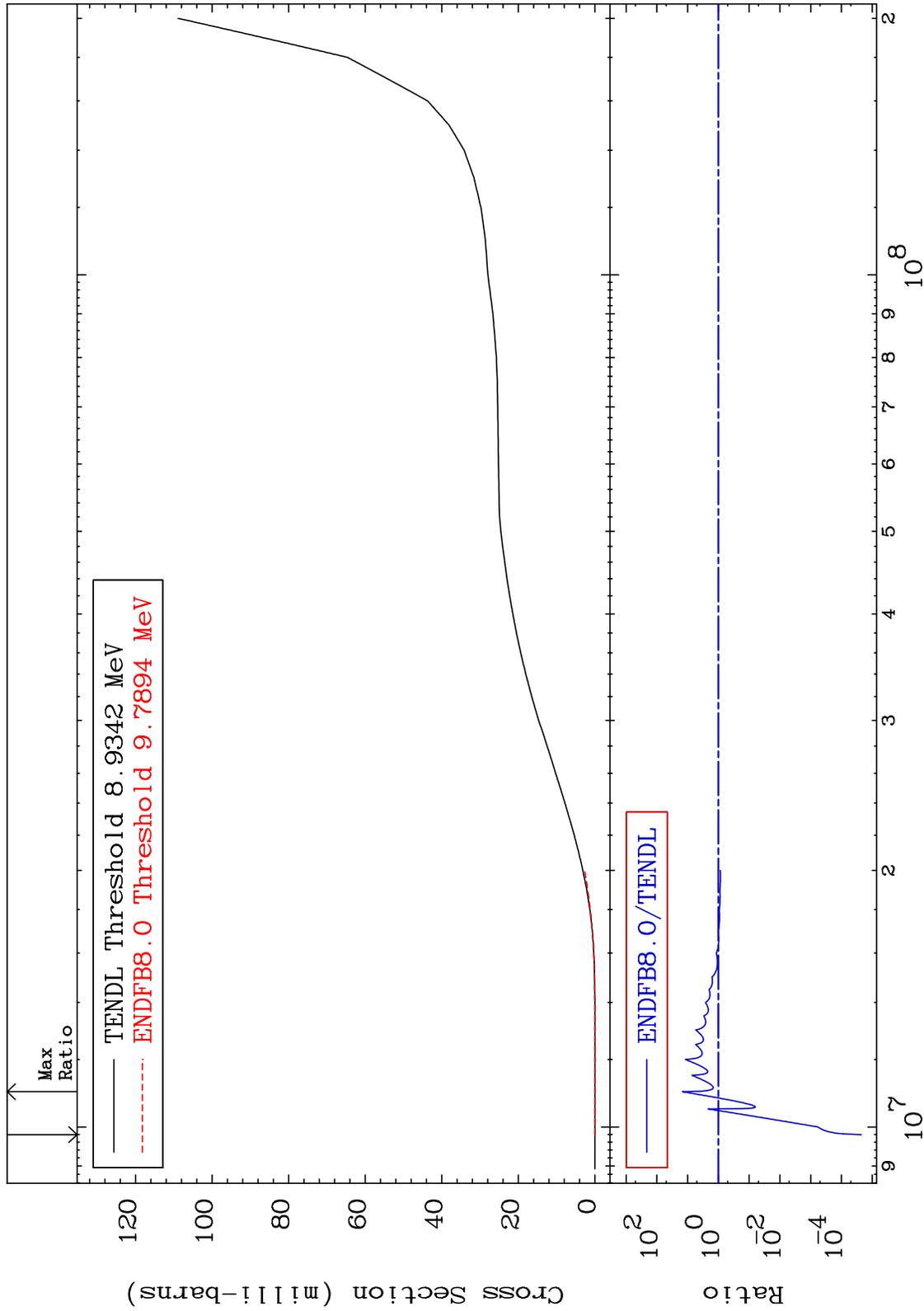
42-Mo-94  
-99.94 To 153.8 %



MAT 4231

Tritium Production  
Cross Section

42-Mo-94  
-100.0 To 1372. %



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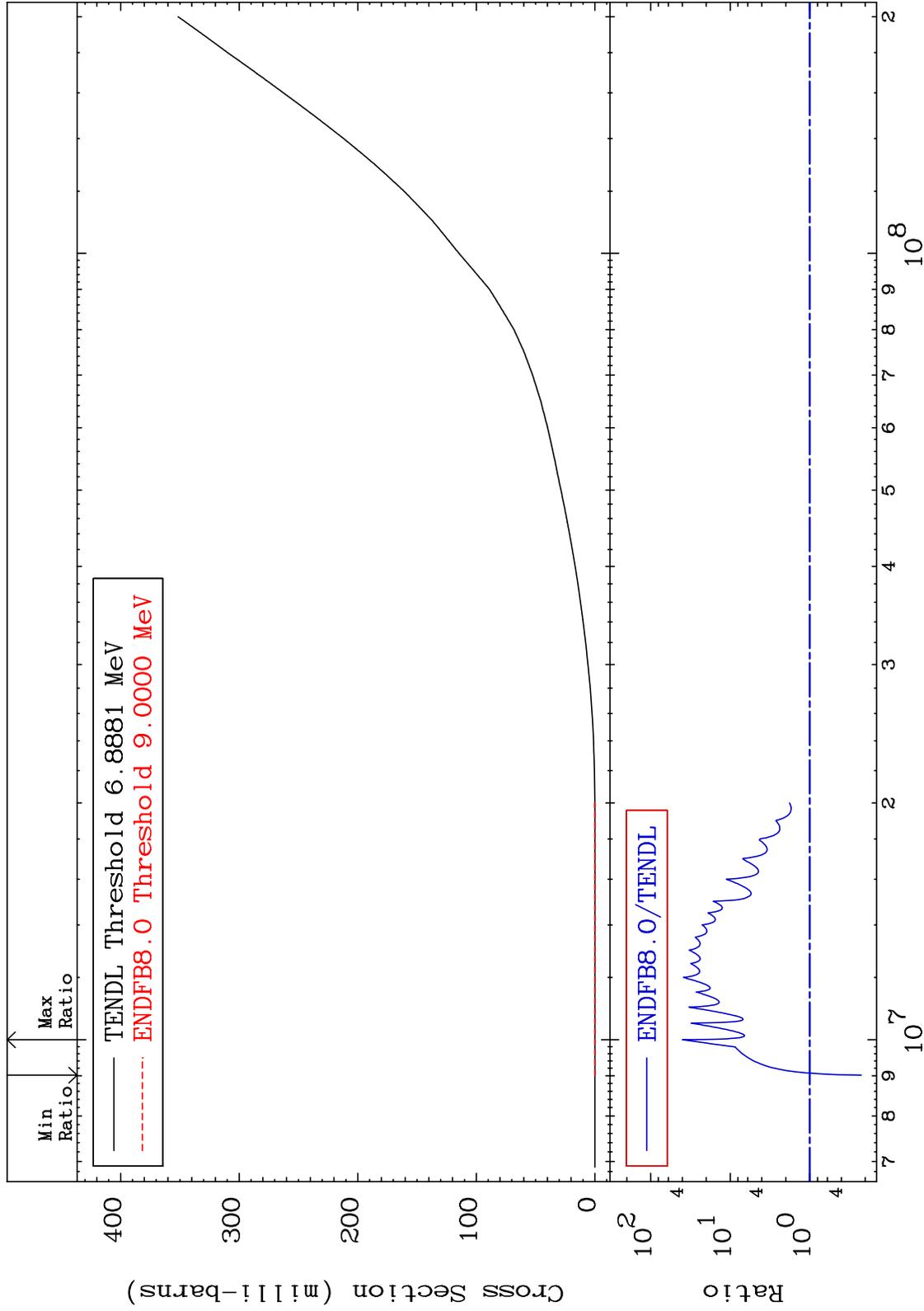
Incident Energy (eV)

42-Mo-94

MAT 4231

He-3 Production  
Cross Section

42-Mo-94  
-77.55 To 3888. %



38

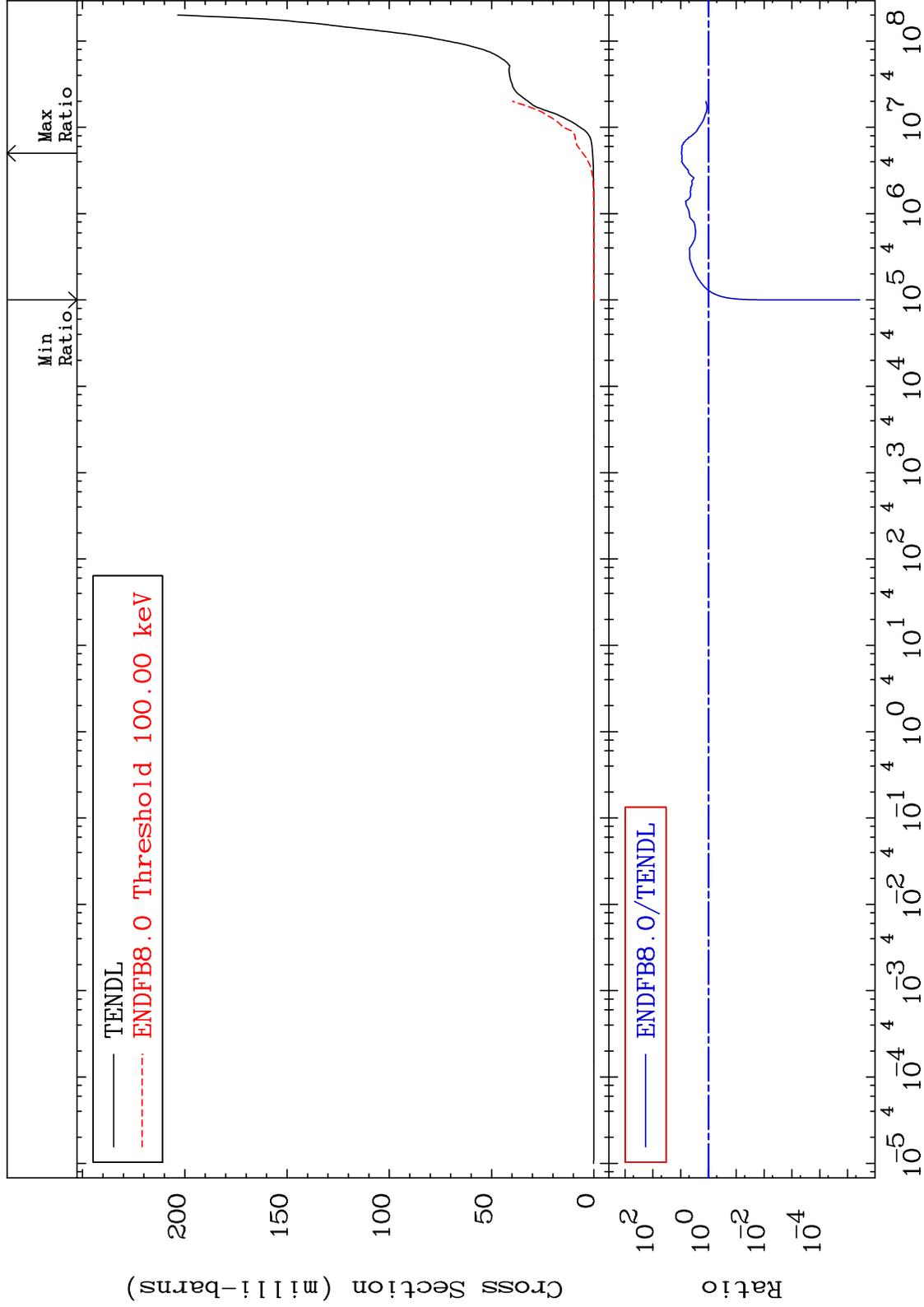
Incident Energy (eV)

42-Mo-94

MAT 4231

He-4 Production  
Cross Section

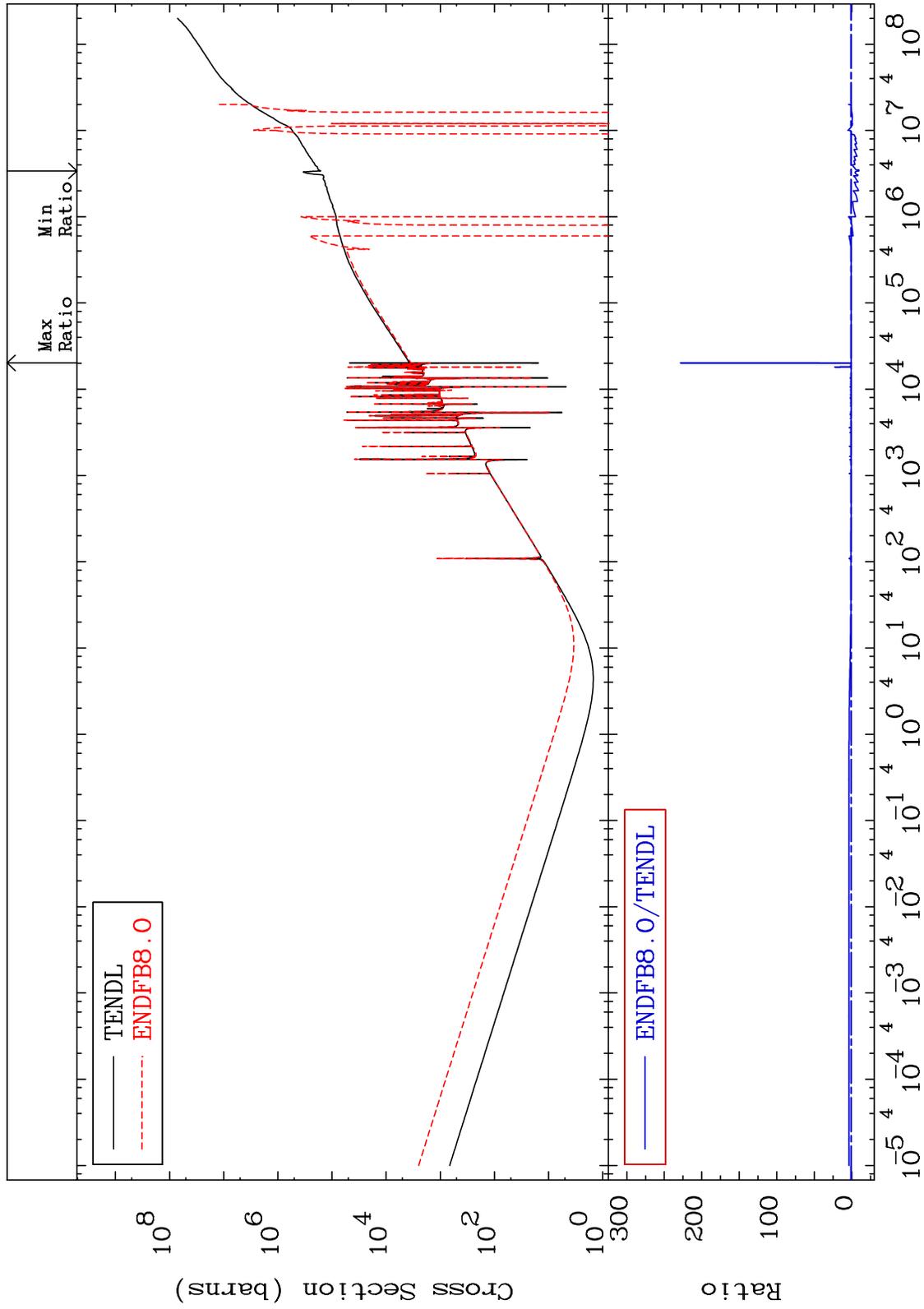
42-Mo-94  
-100.0 To 851.9 %



MAT 4231

Kerma total (eV-barns)  
Cross Section

42-Mo-94  
-1068. To 9999. %



40

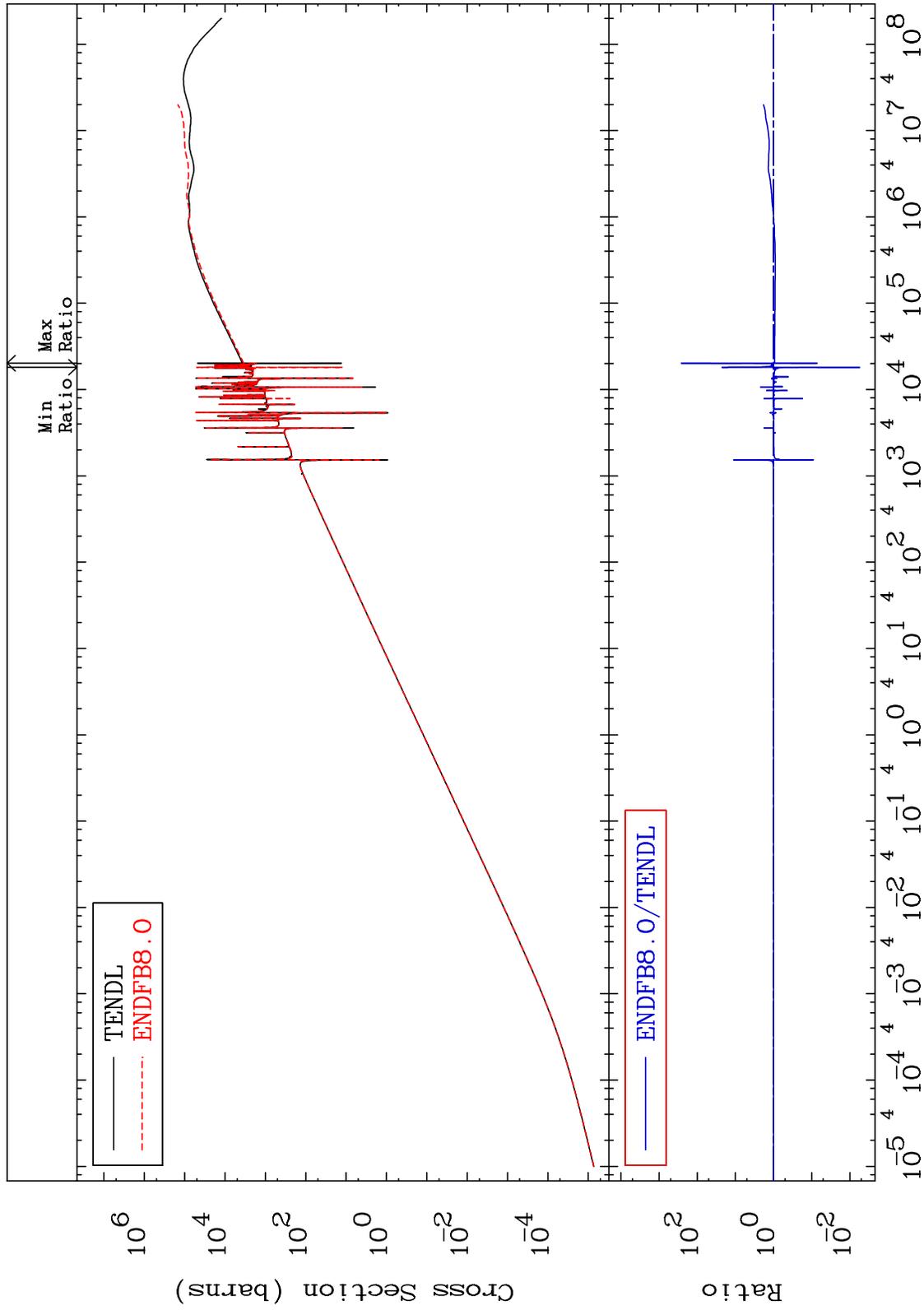
Incident Energy (eV)

42-Mo-94

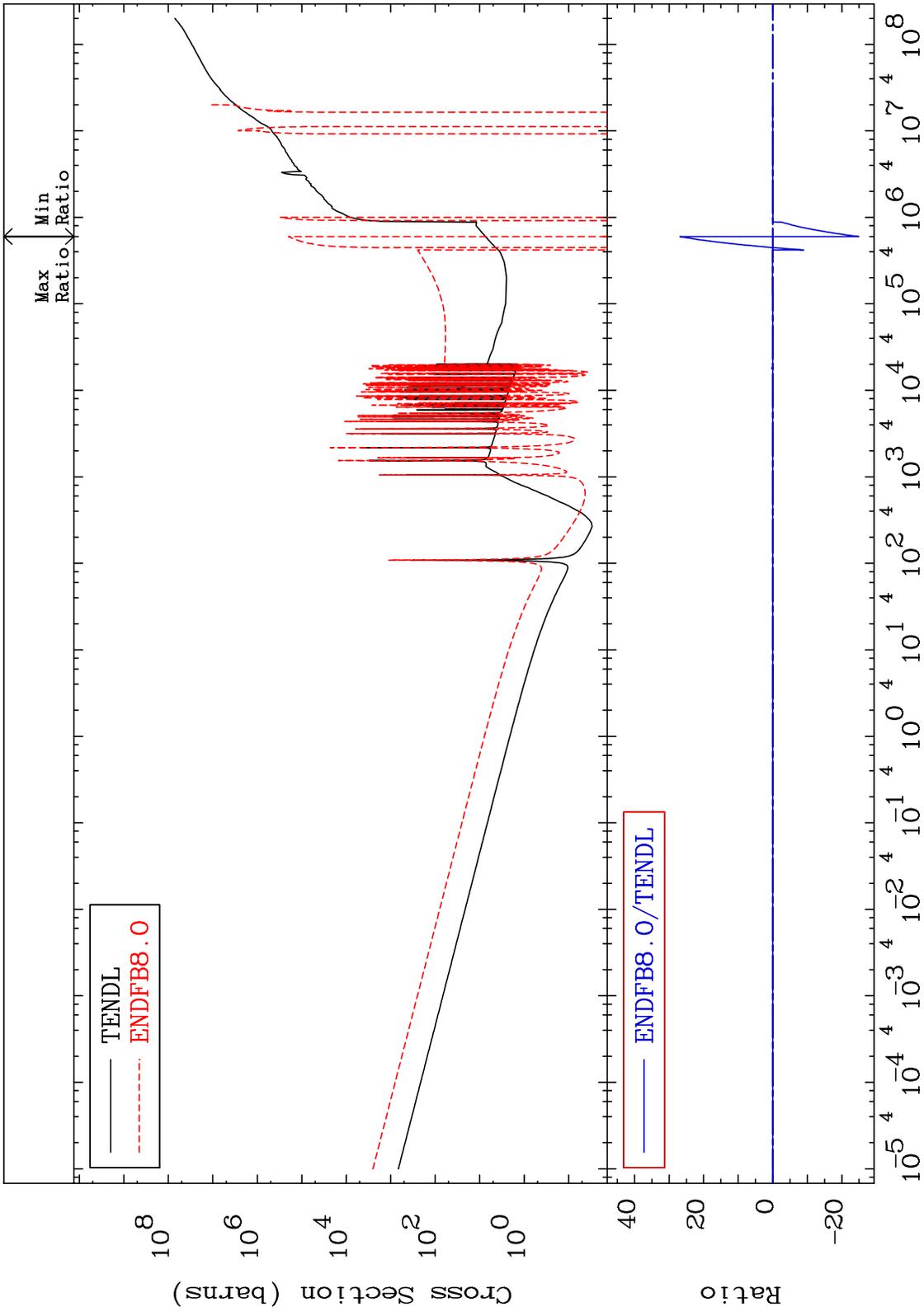
MAT 4231

Kerma elastic  
Cross Section

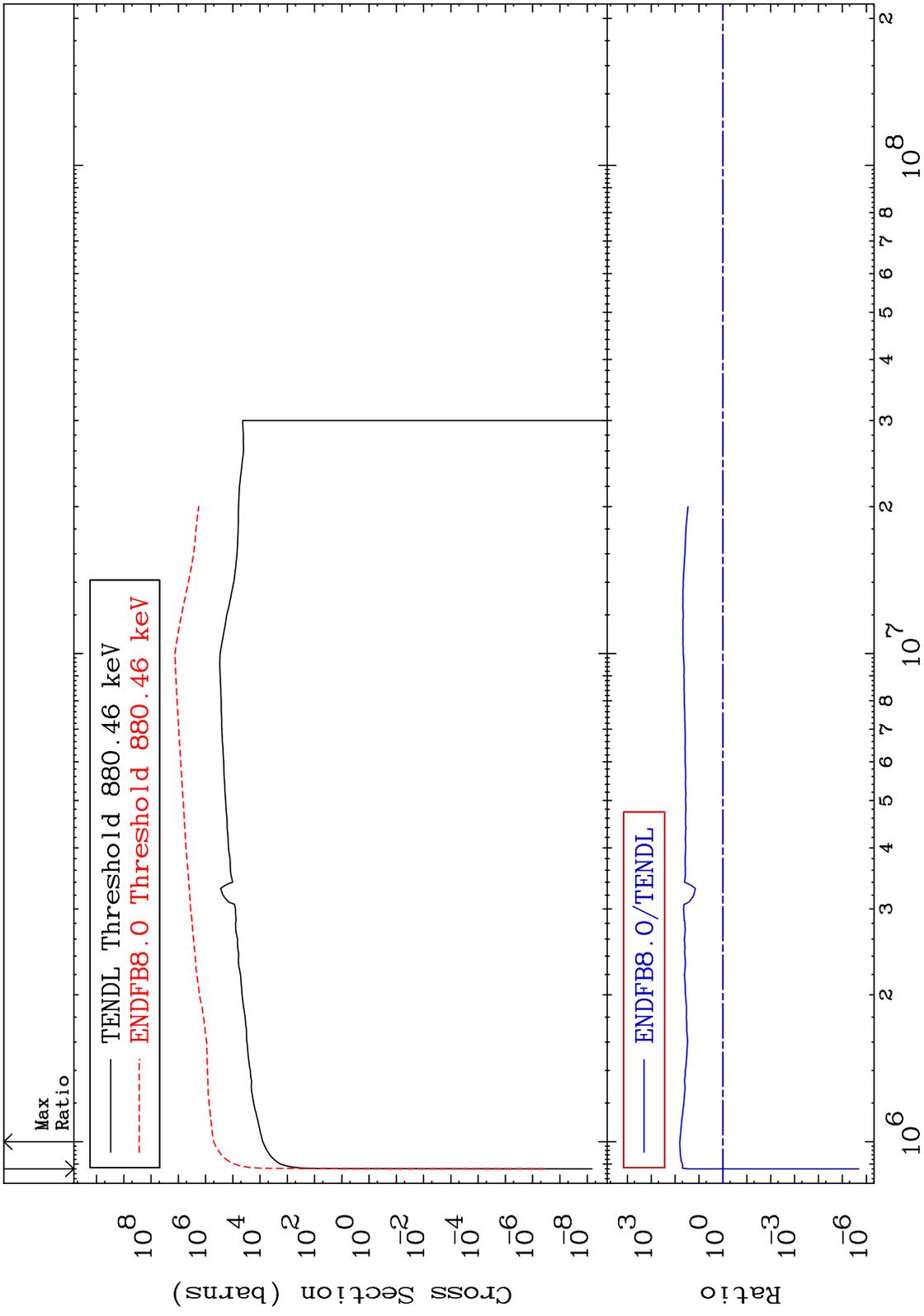
42-Mo-94  
-99.45 To 9999. %



MAT 4231 Kerma non-elastic (all but mt2) Cross Section 42-Mo-94  
 -9999. To 9999. %



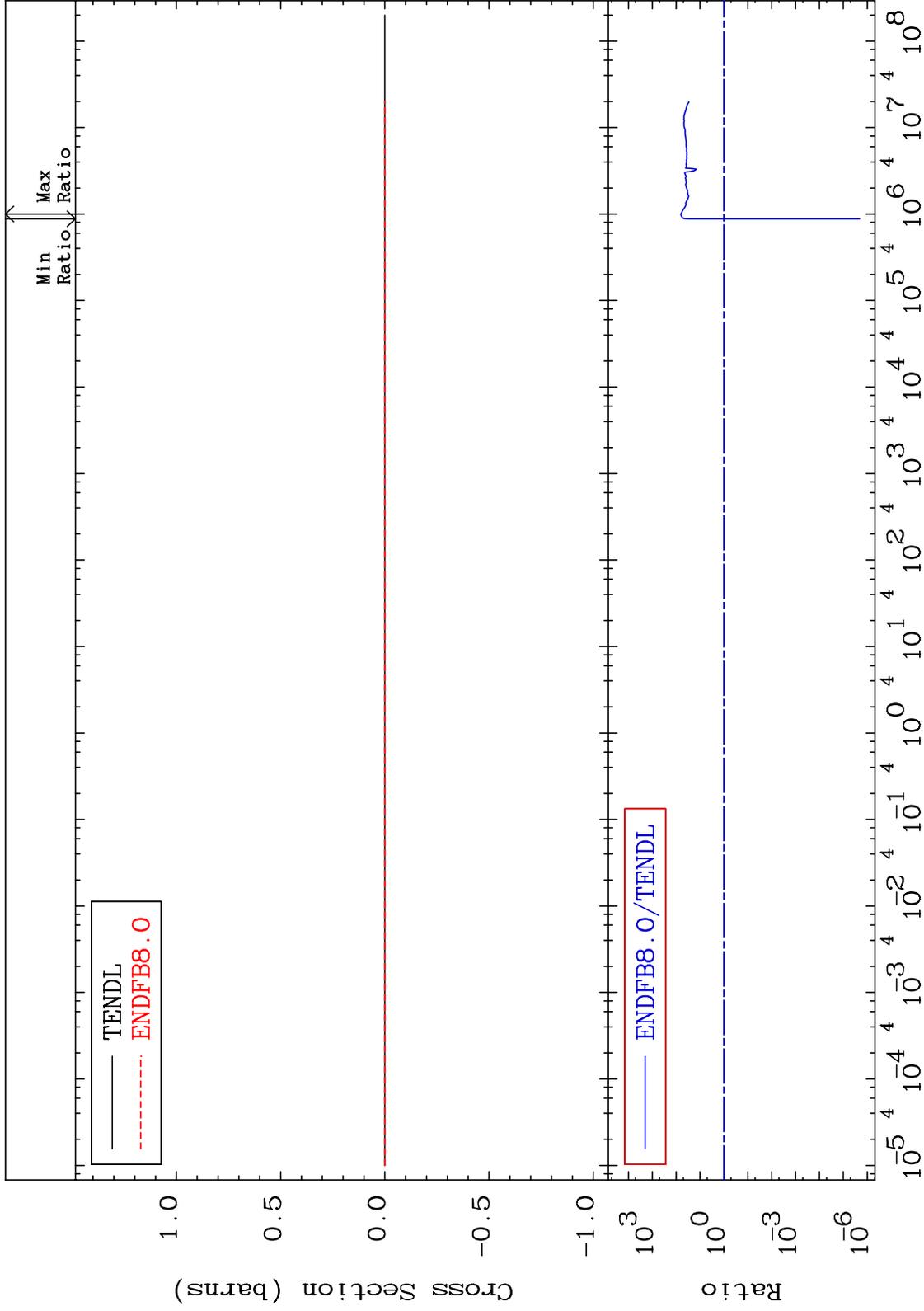
MAT 4231 Kerma inelastic (mt51-91) 42-Mo-94  
 Cross Section -100.0 To 6282. %



MAT 4231

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

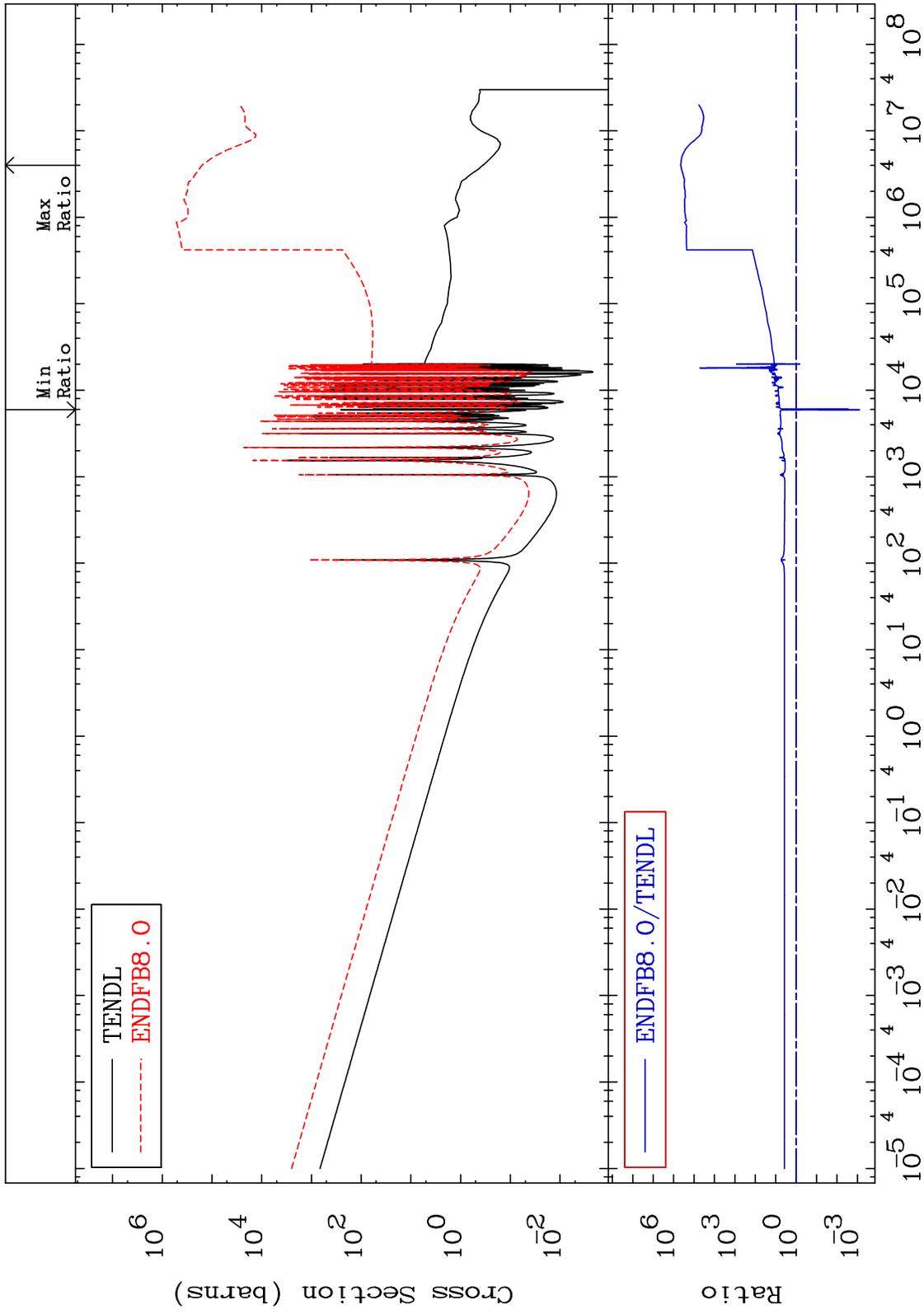
42-Mo-94  
-100.0 To 6282. %



MAT 4231

Kerma capture (mt102)  
Cross Section

42-Mo-94  
-99.92 To 9999. %



45

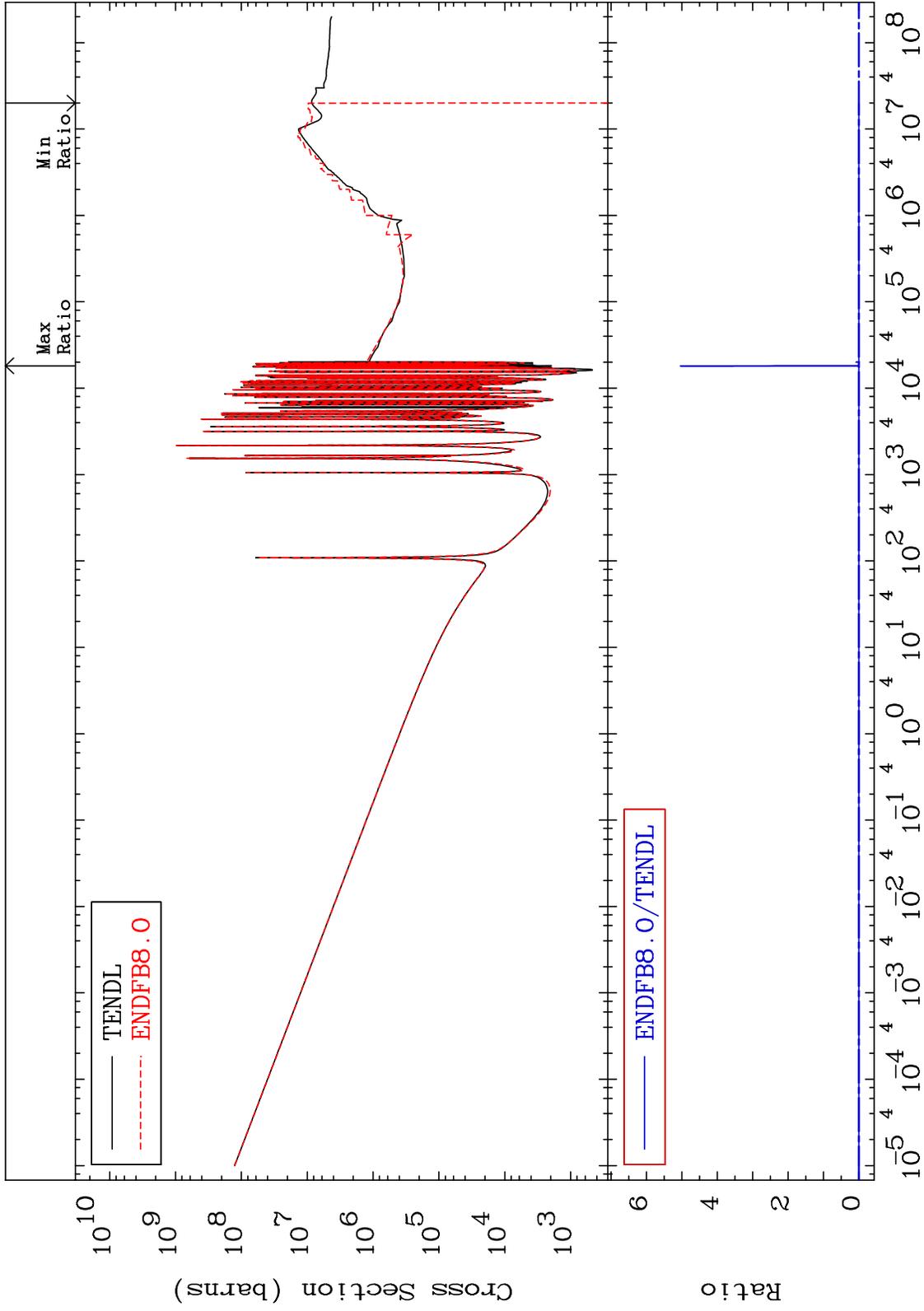
Incident Energy (eV)

42-Mo-94

MAT 4231

Total photon (eV-barns)  
Cross Section

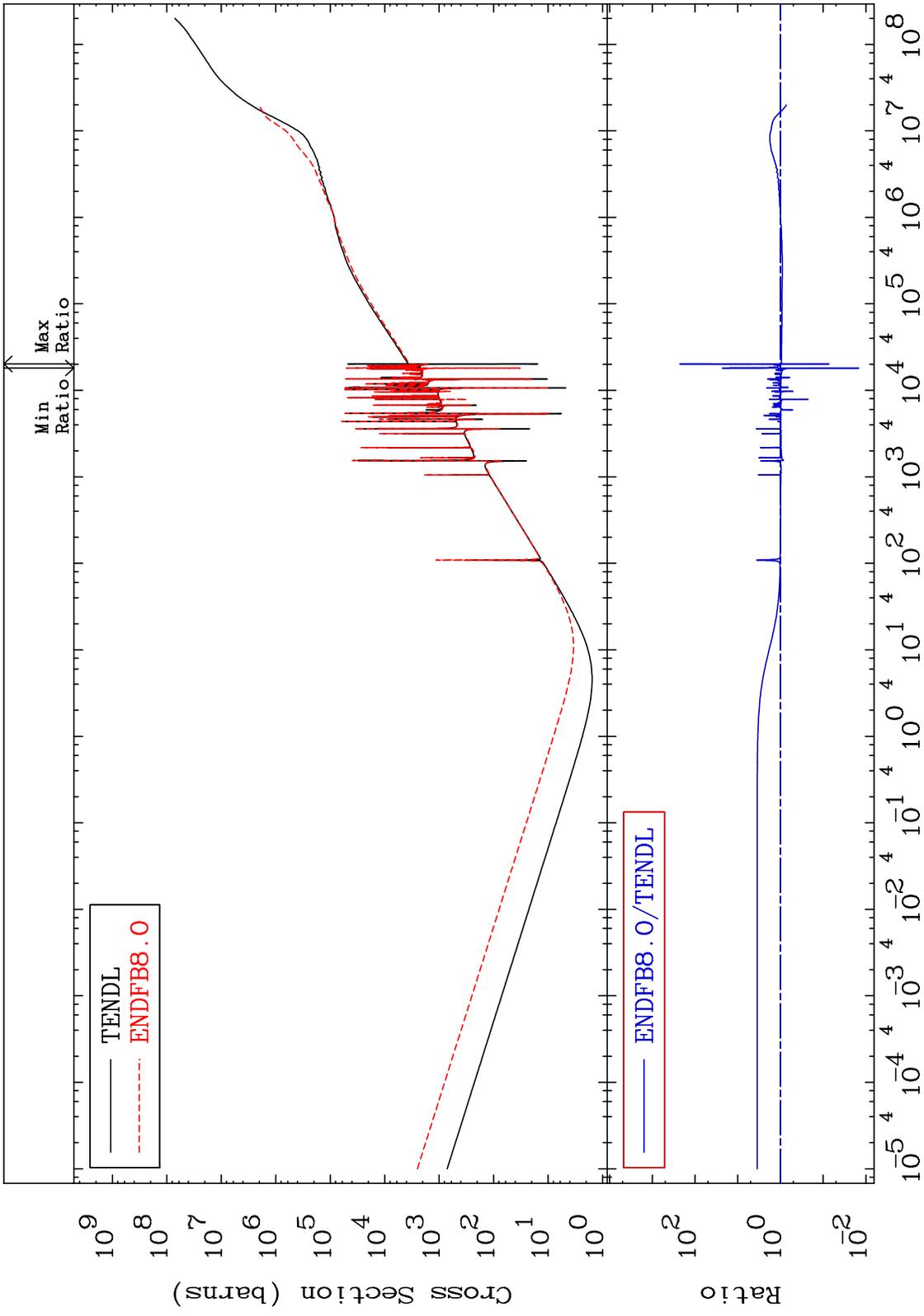
42-Mo-94  
-100.0 To 9999. %



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42-Mo-94

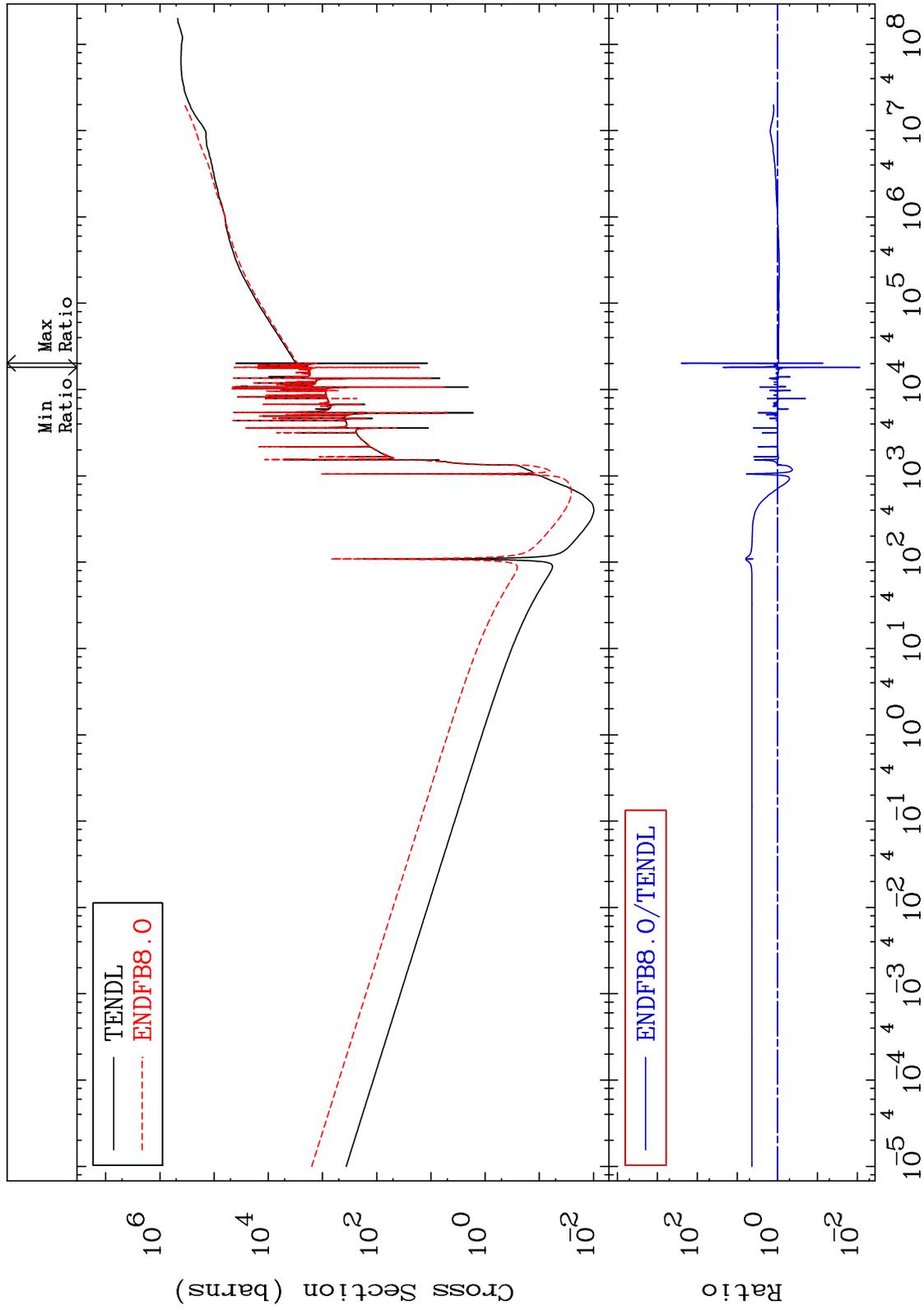
MAT 4231 Total kinematic kerma (high limit) 42-Mo-94  
 Cross Section -98.54 To 9999. %



MAT 4231

Dpa total (eV-barns)  
Cross Section

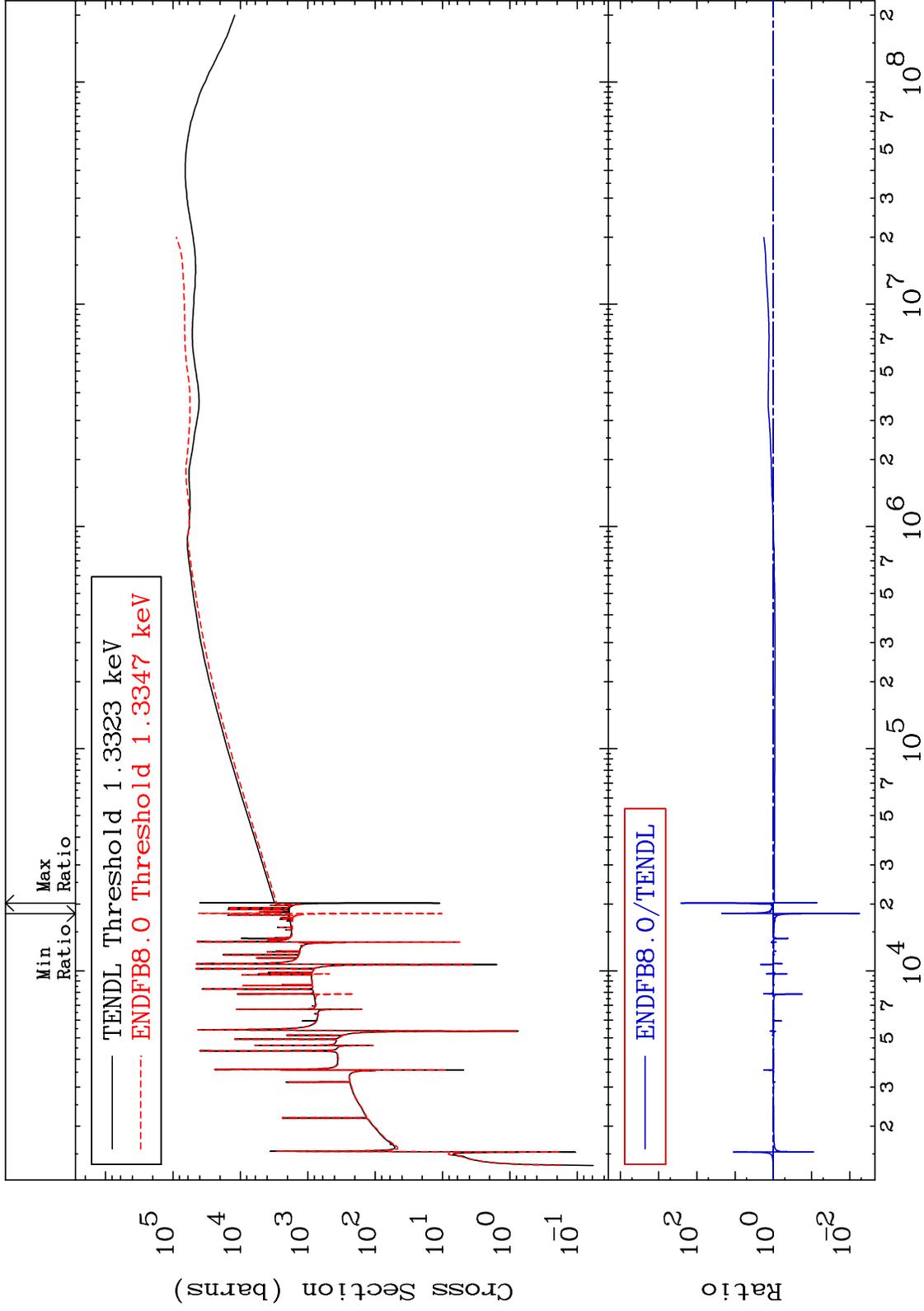
42-Mo-94  
-99.13 To 9999. %



MAT 4231

Dpa elastic (mt2)  
Cross Section

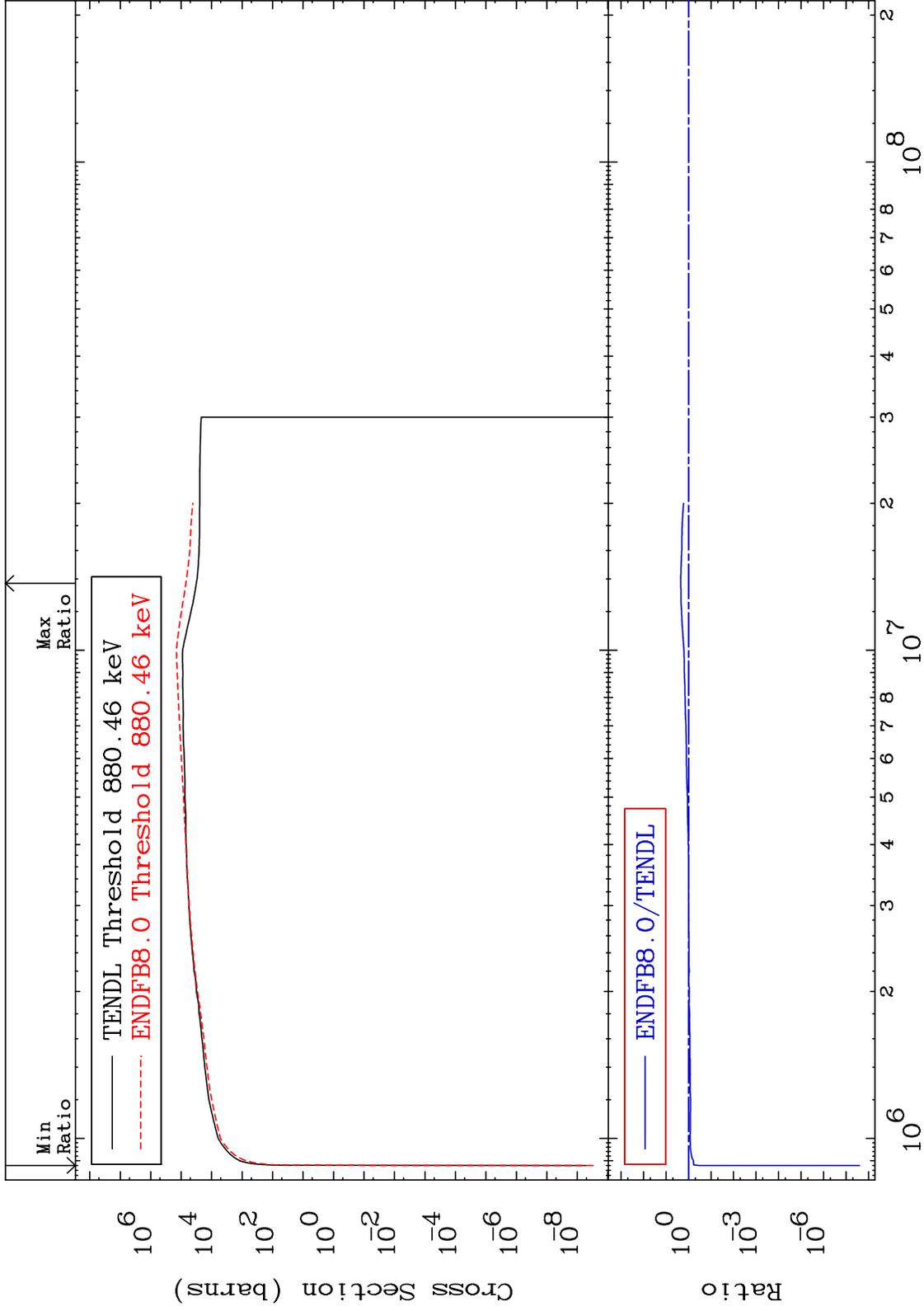
42-Mo-94  
-99.45 To 9999. %



MAT 4231

Dpa inelastic (mt51-91)  
Cross Section

42-Mo-94  
-100.0 To 120.2 %



50

Incident Energy (eV)

42-Mo-94

MAT 4231 Dpa disappearance (mt102 -120) 42-Mo-94  
 Cross Section -99.93 To 9999. %

