

Program Complot  
(Version 2018-1)

by

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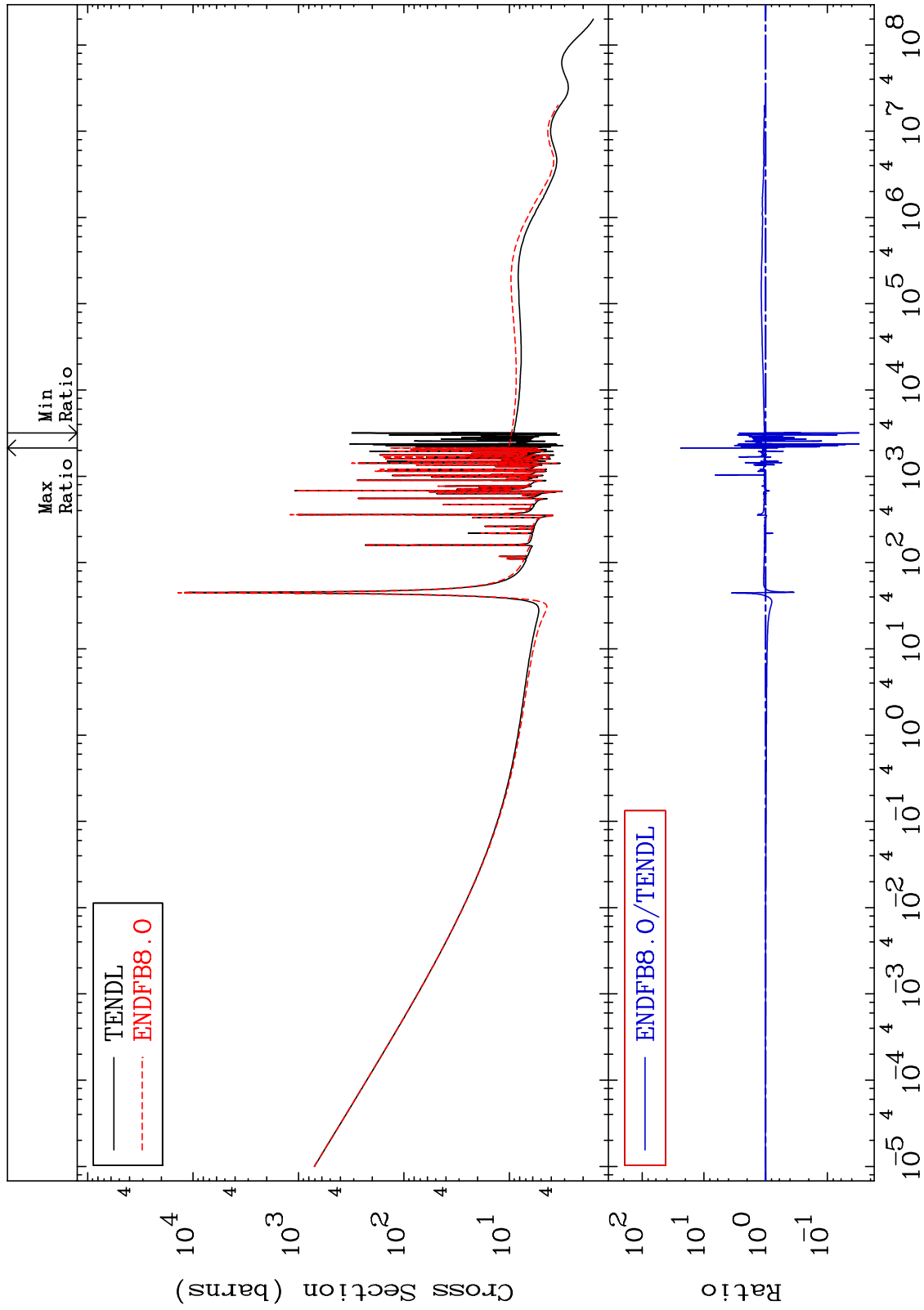
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4234

Total  
Cross Section

42-Mo-95  
-96.94 To 2281. %



1

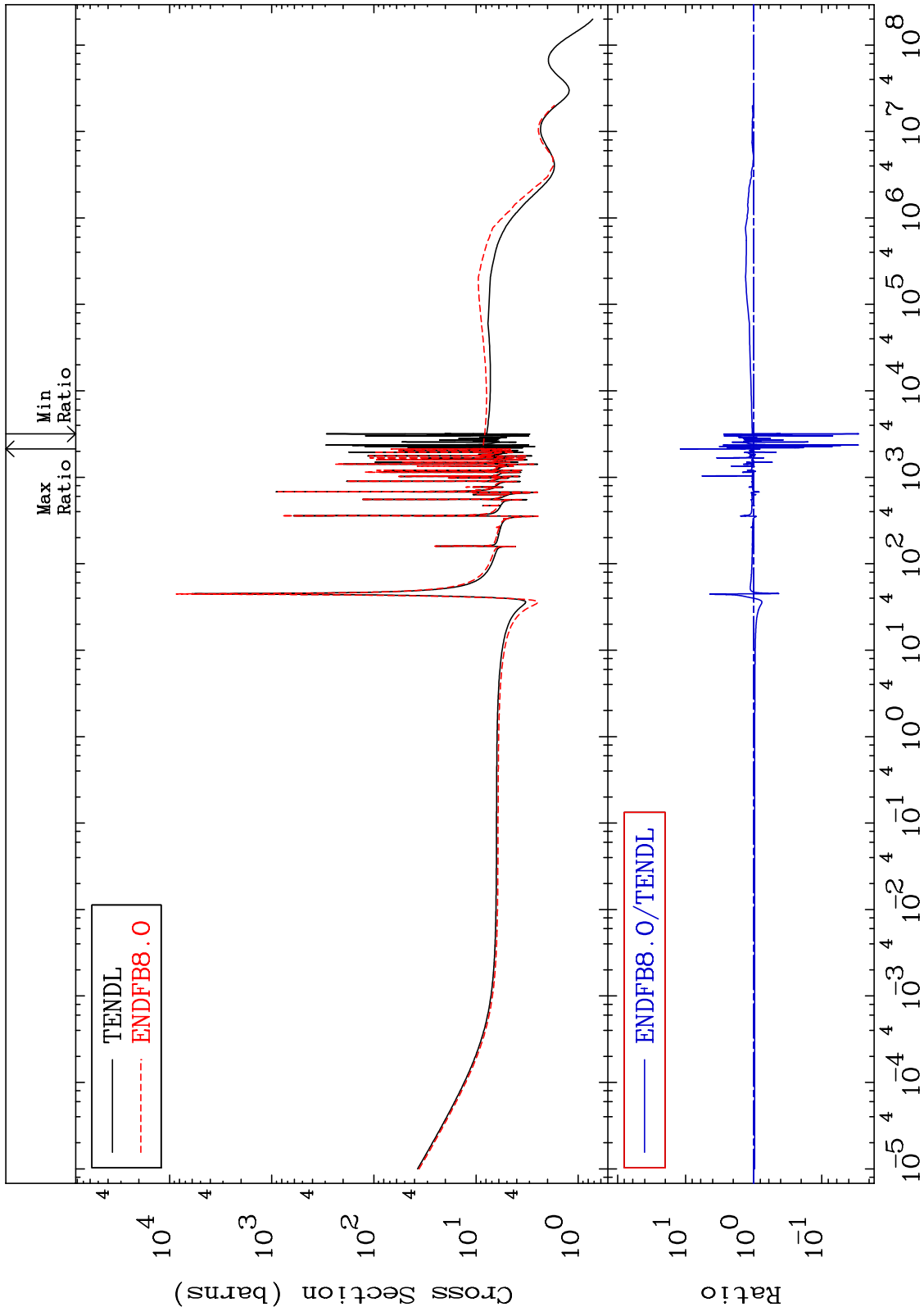
Incident Energy (eV)

42-Mo-95

MAT 4234

Elastic  
Cross Section

42-Mo-95  
-97.16 To 1102. %



2

Incident Energy (eV)

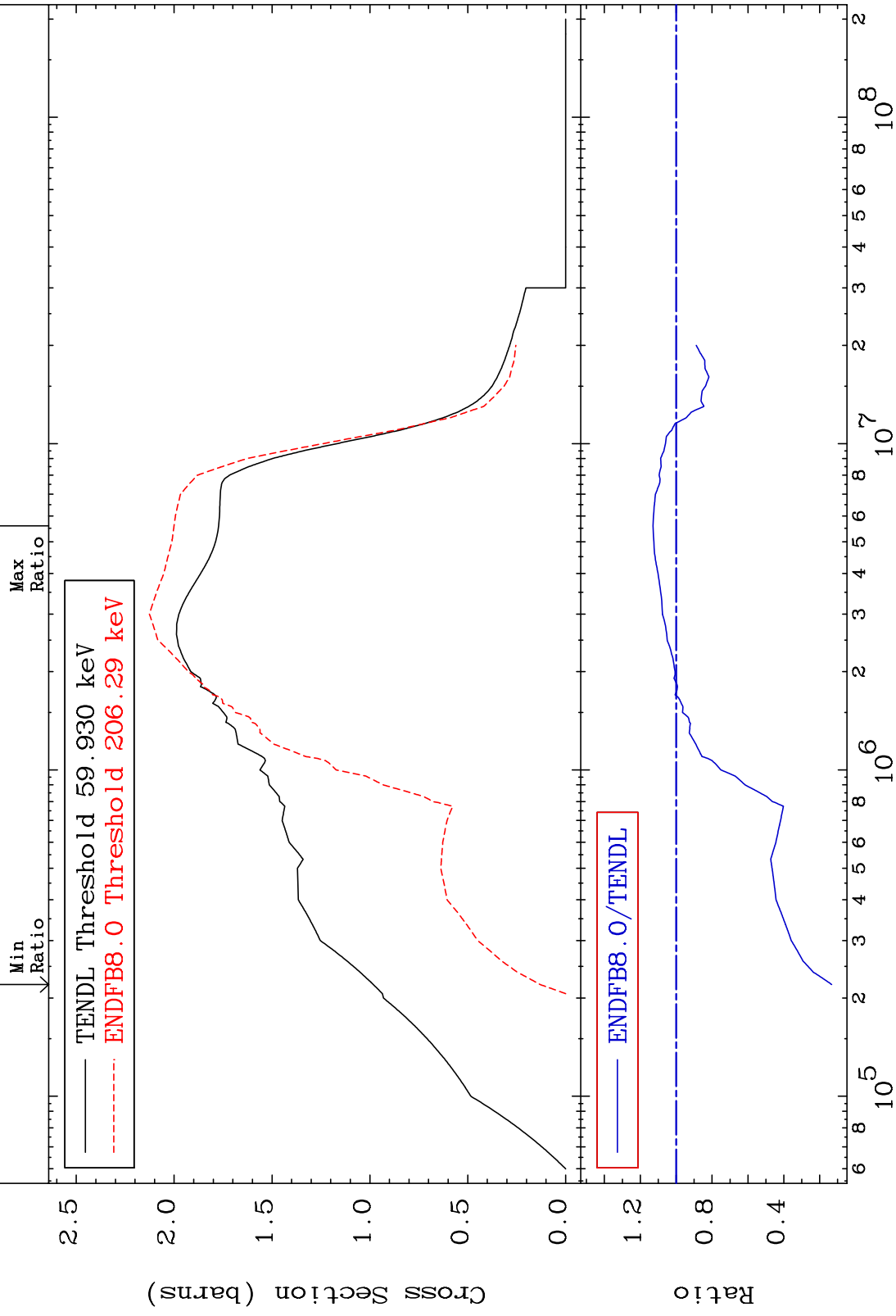
42-Mo-95

MAT 4234

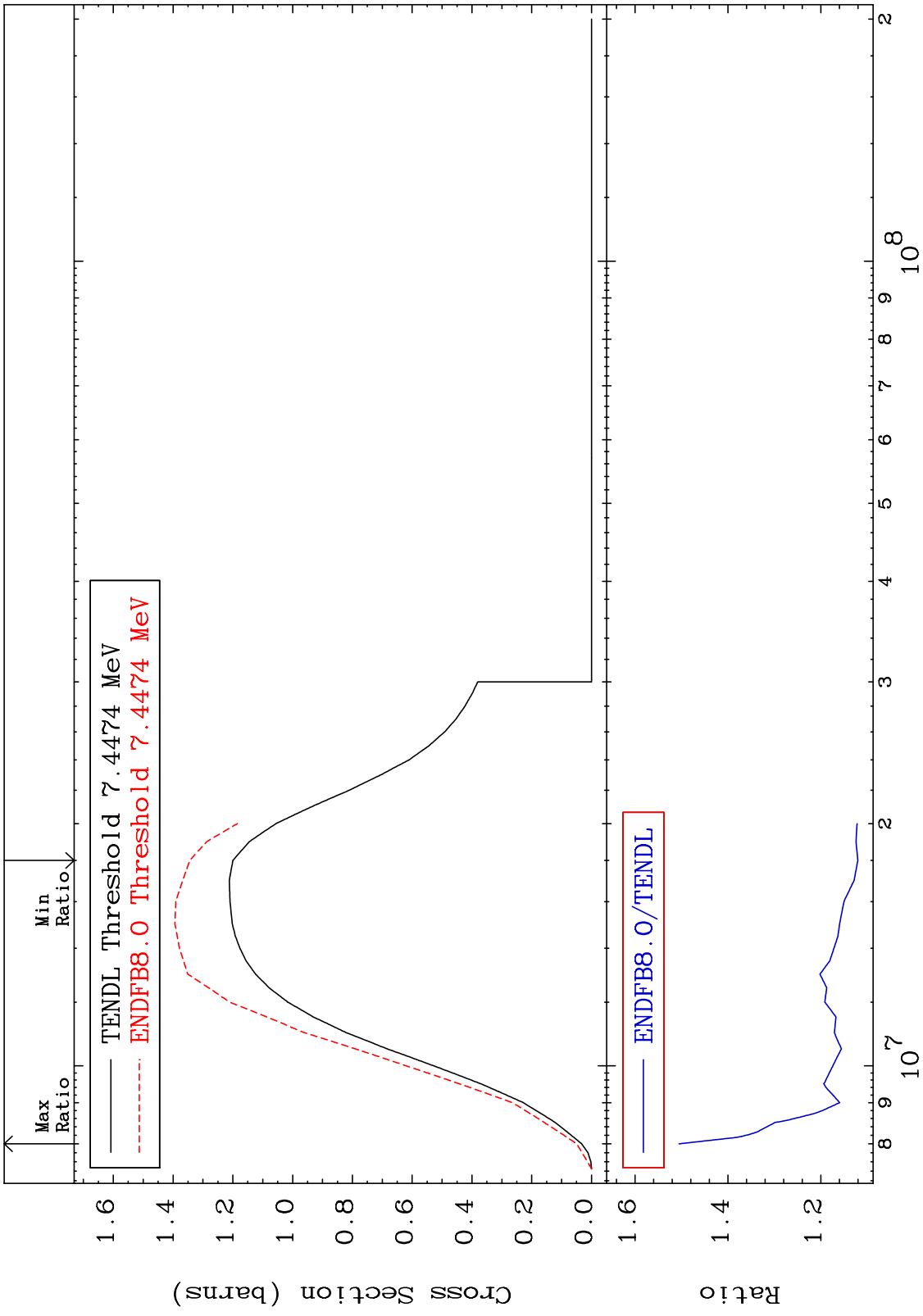
42-Mo-95

-86.68 To 12.87 %

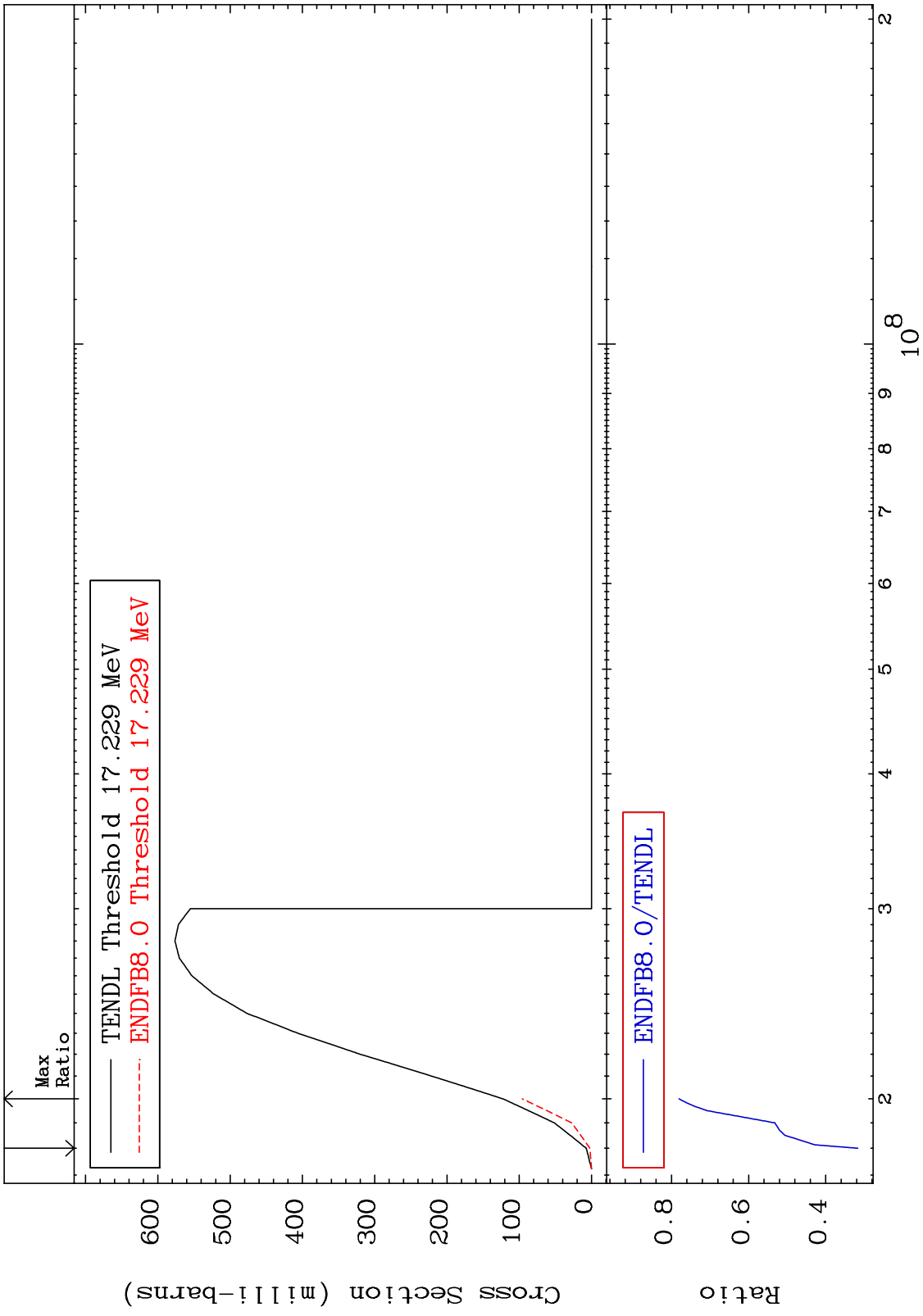
Inelastic  
Cross Section



MAT 4234 (n,2n) Cross Section 42-Mo-95 12.04 To 50.53 %



MAT 4234 (n,3n) Cross Section 42-Mo-95 -68.32 To -21.95%



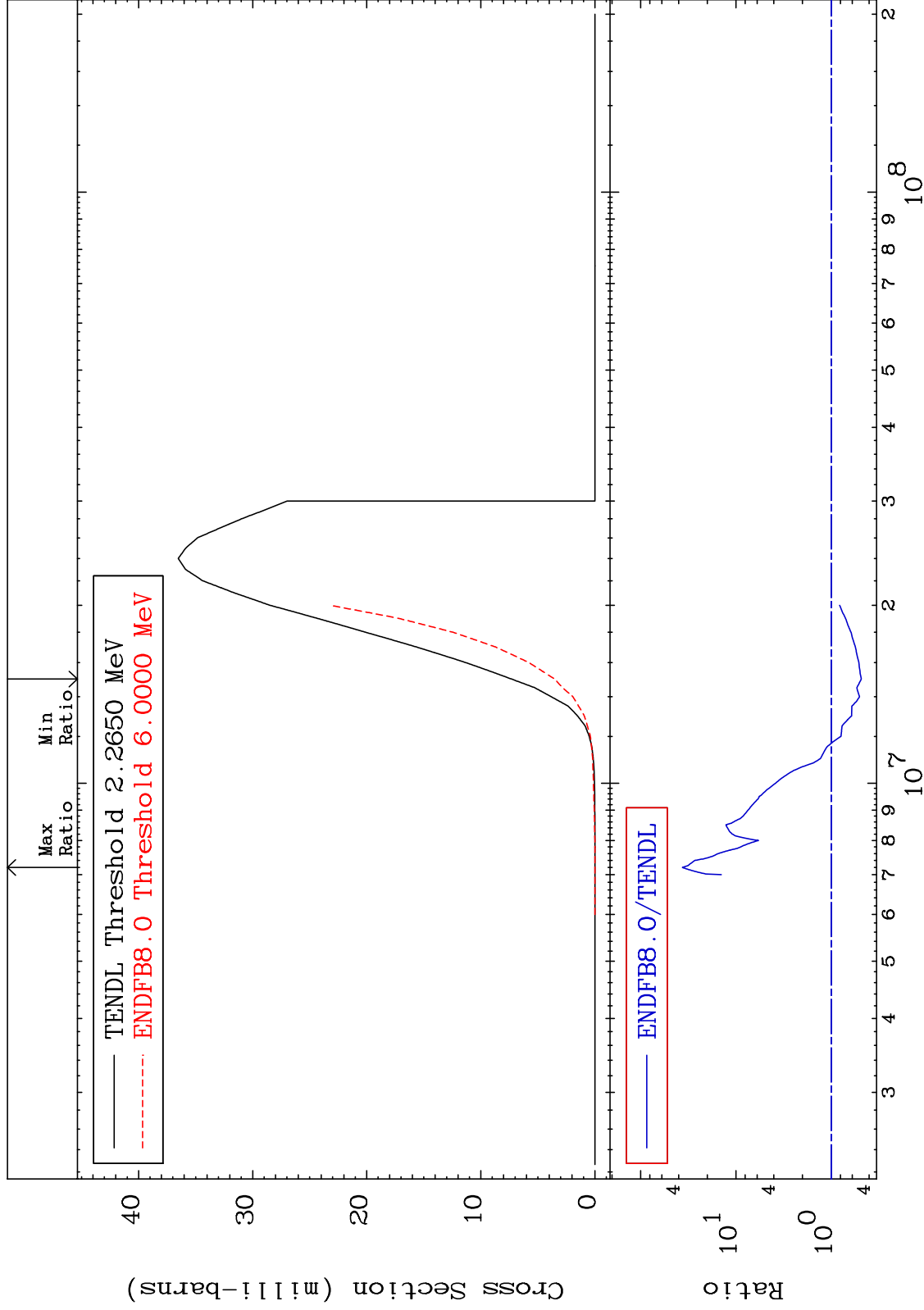
MAT 4234

(n, n')  $\alpha$

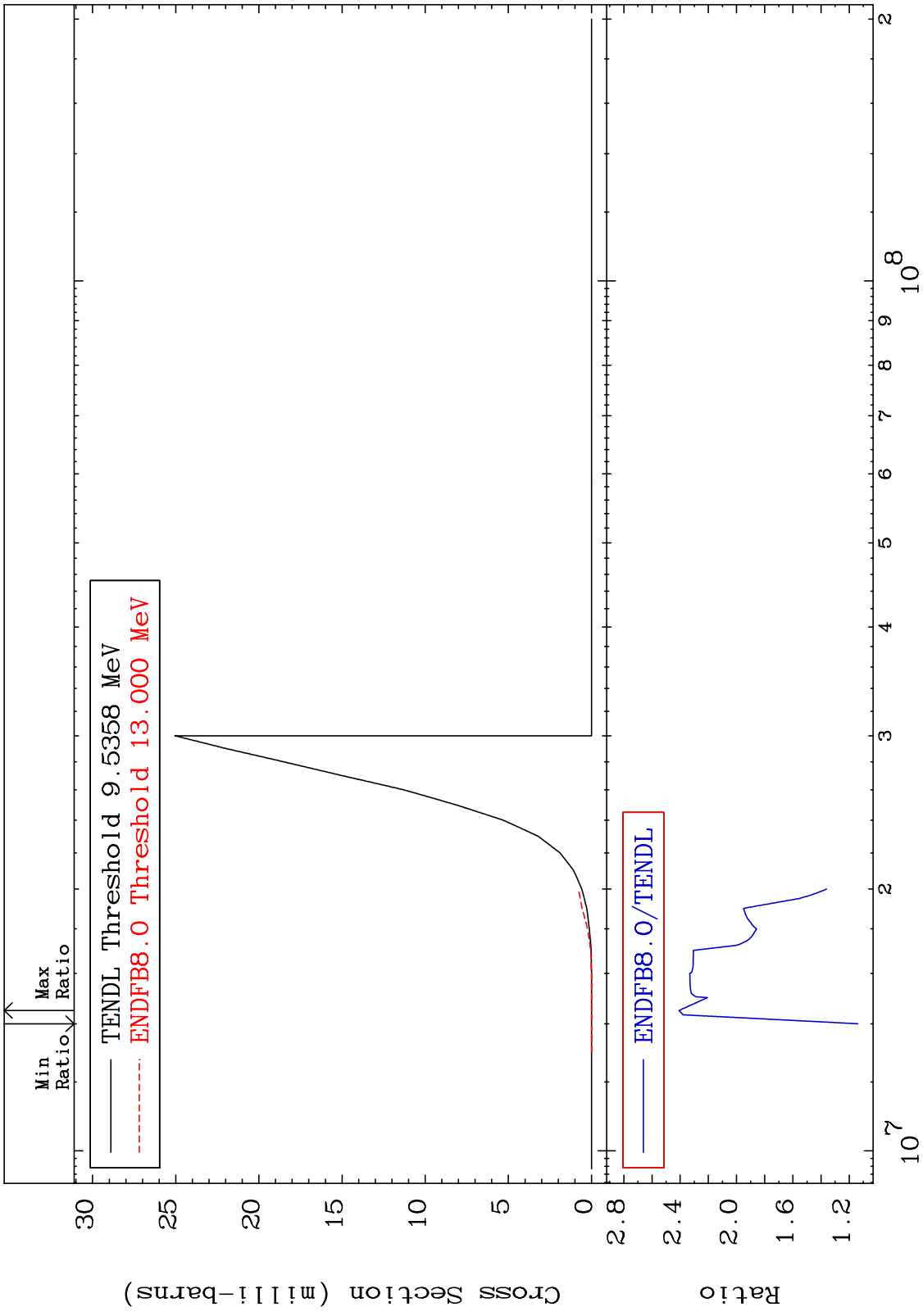
42-Mo-95

-51.65 To 3541. %

Cross Section

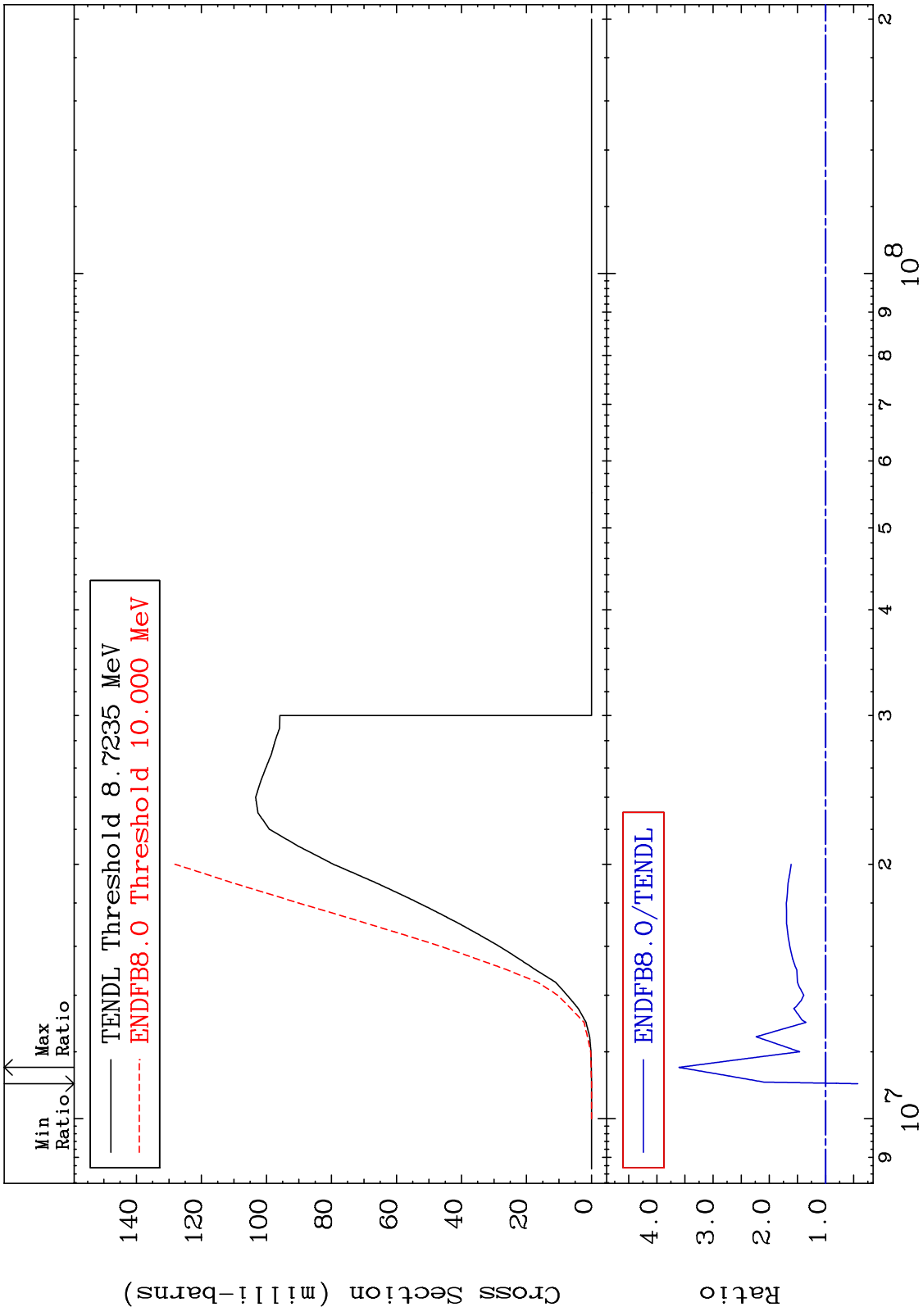


MAT 4234 (n,2n)  $\alpha$  42-Mo-95  
Cross Section 13.90 To 140.8 %

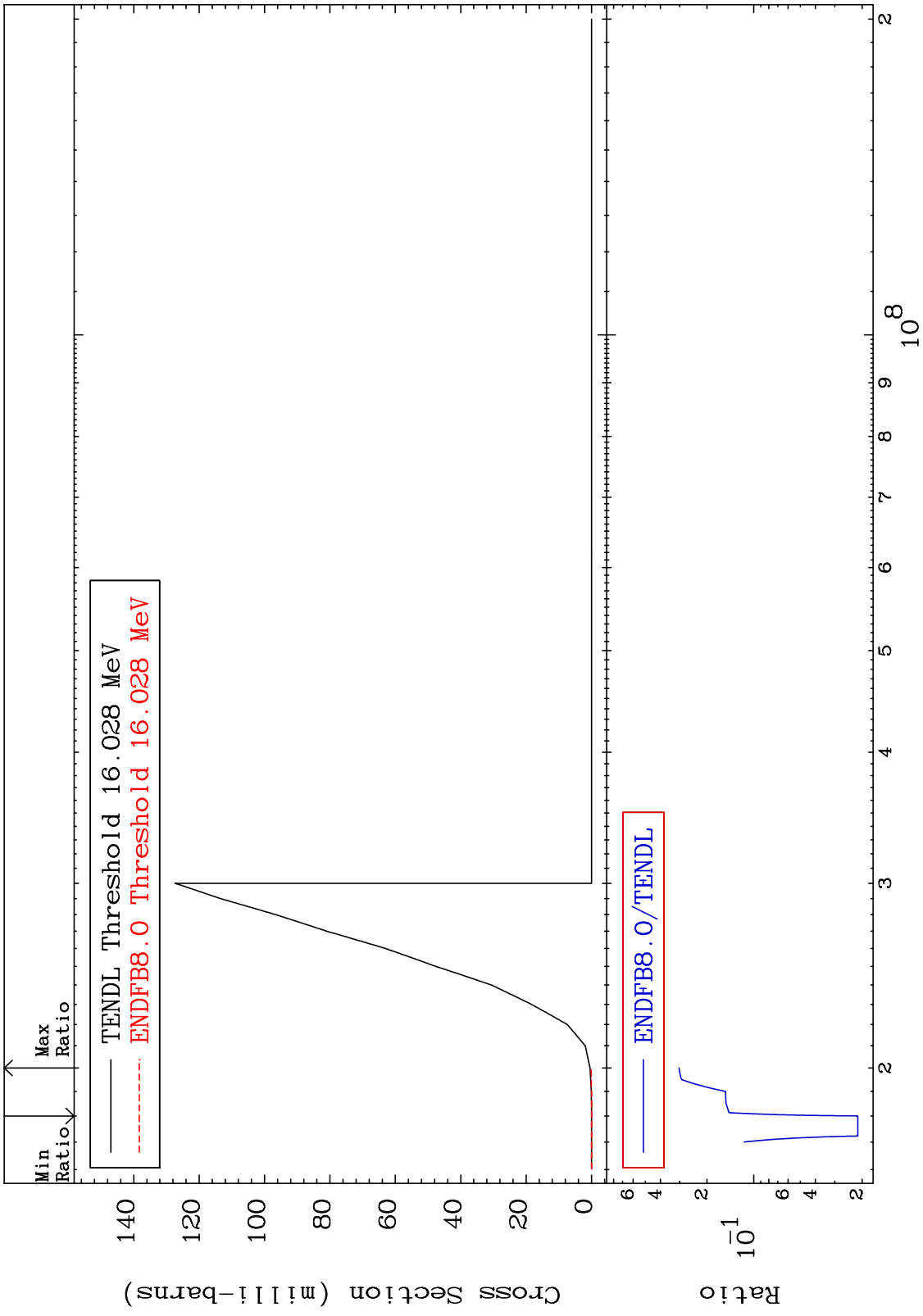


Incident Energy (eV) 42-Mo-95

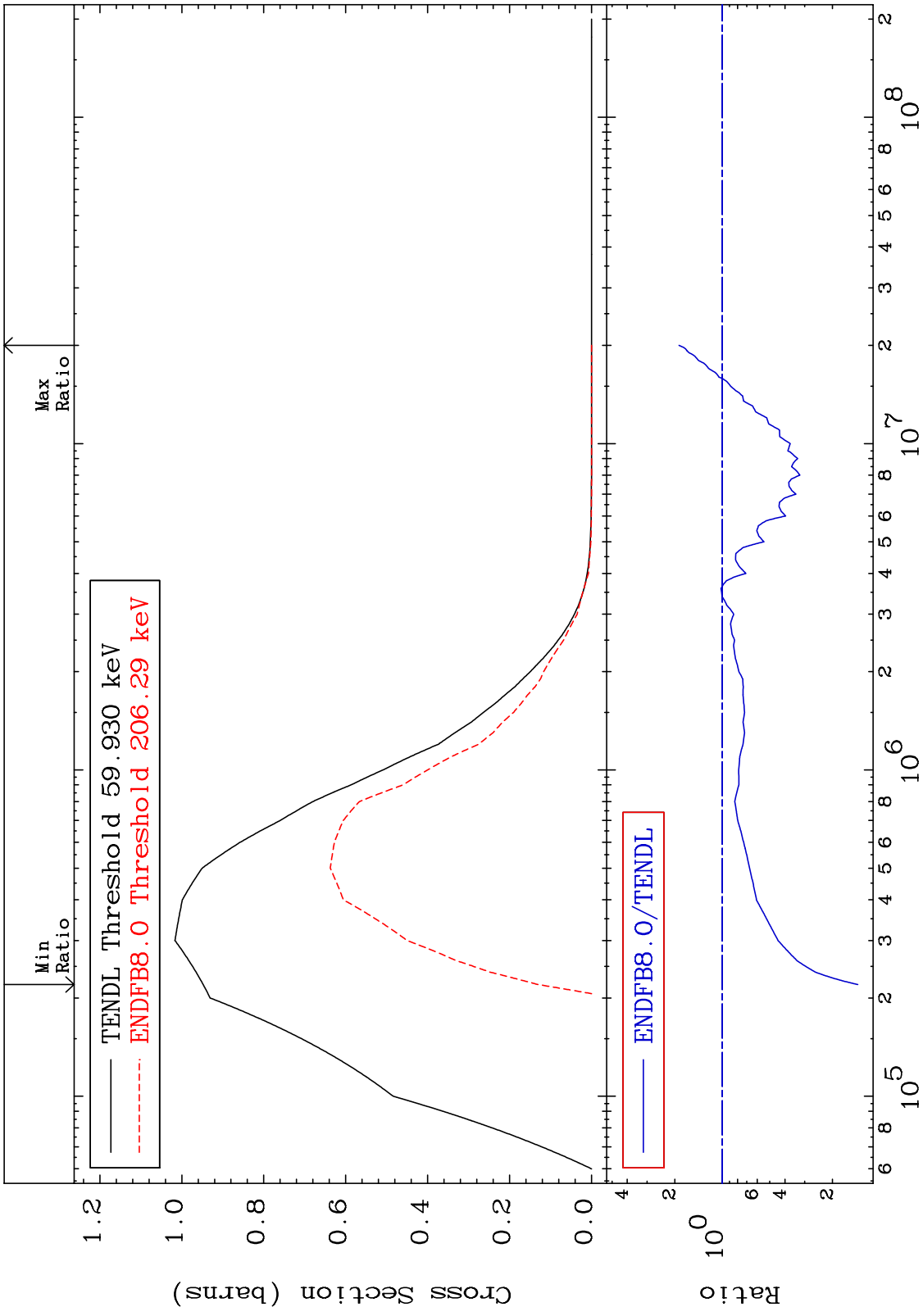




MAT 4234 (n,2n) p 42-Mo-95  
 Cross Section -97.87 To -69.70%

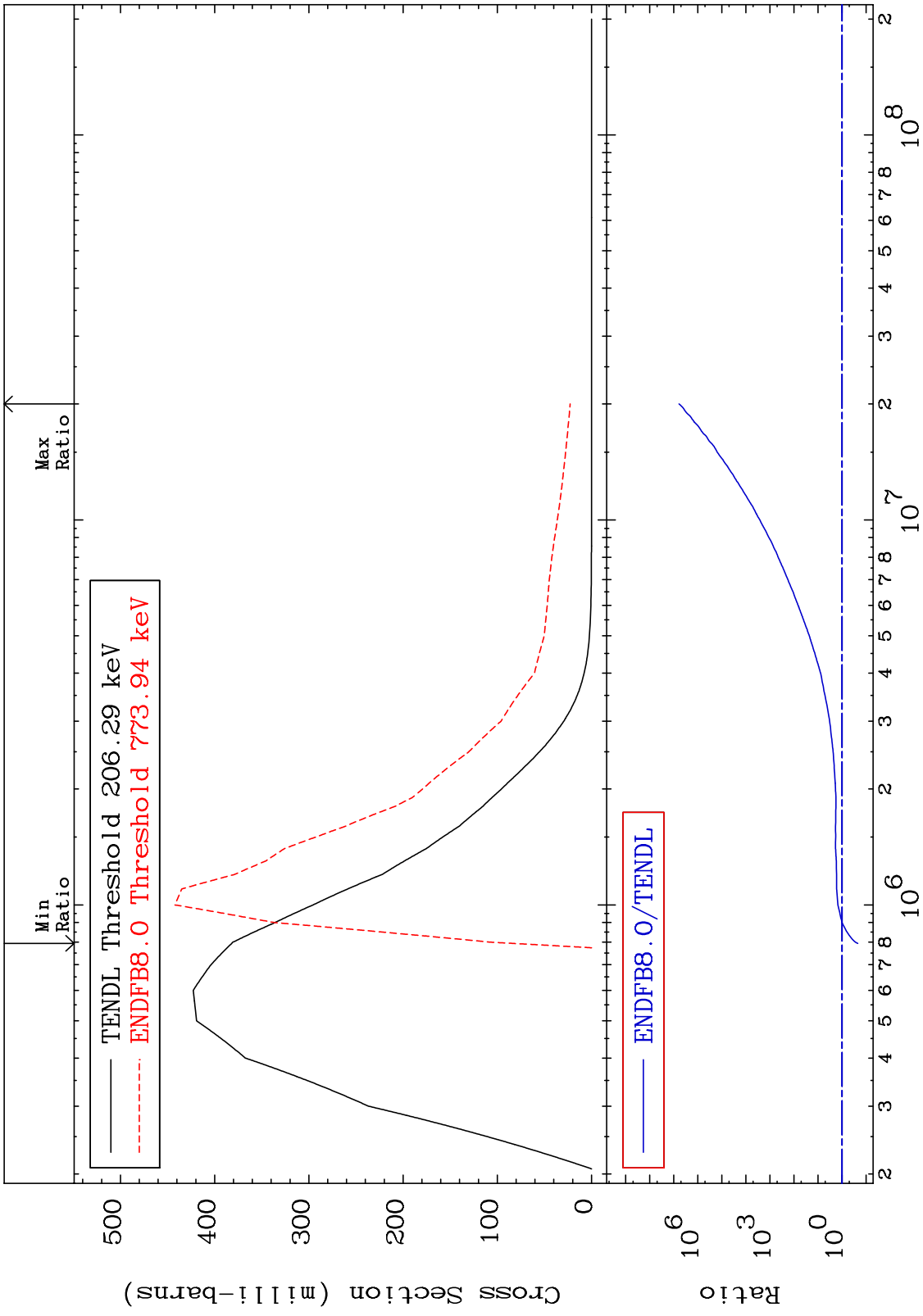


MAT 4234 MT= 51 (n,n') Level Cross Section 42-Mo-95  
 -86.19 To 87.83 %

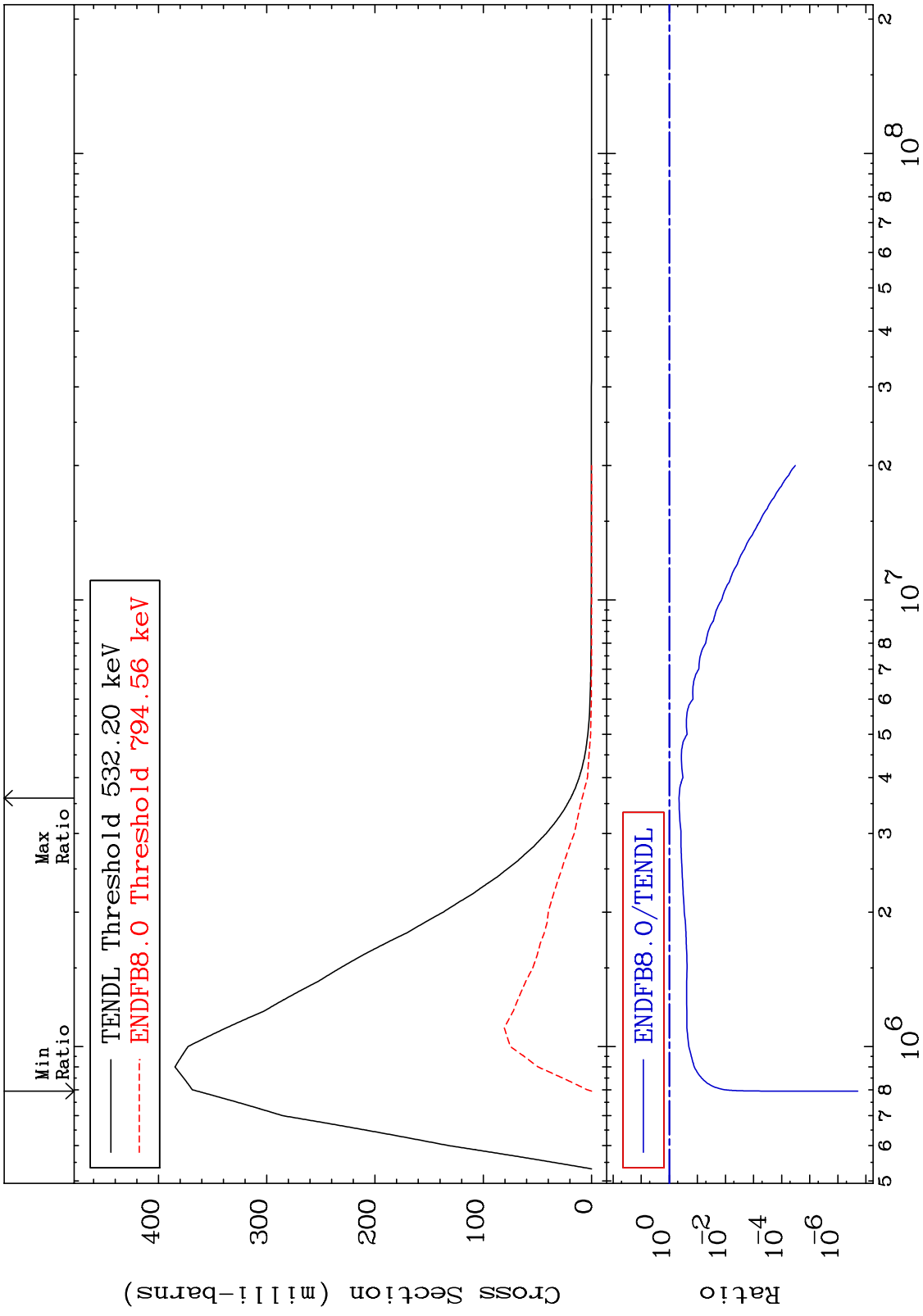


10 42-Mo-95

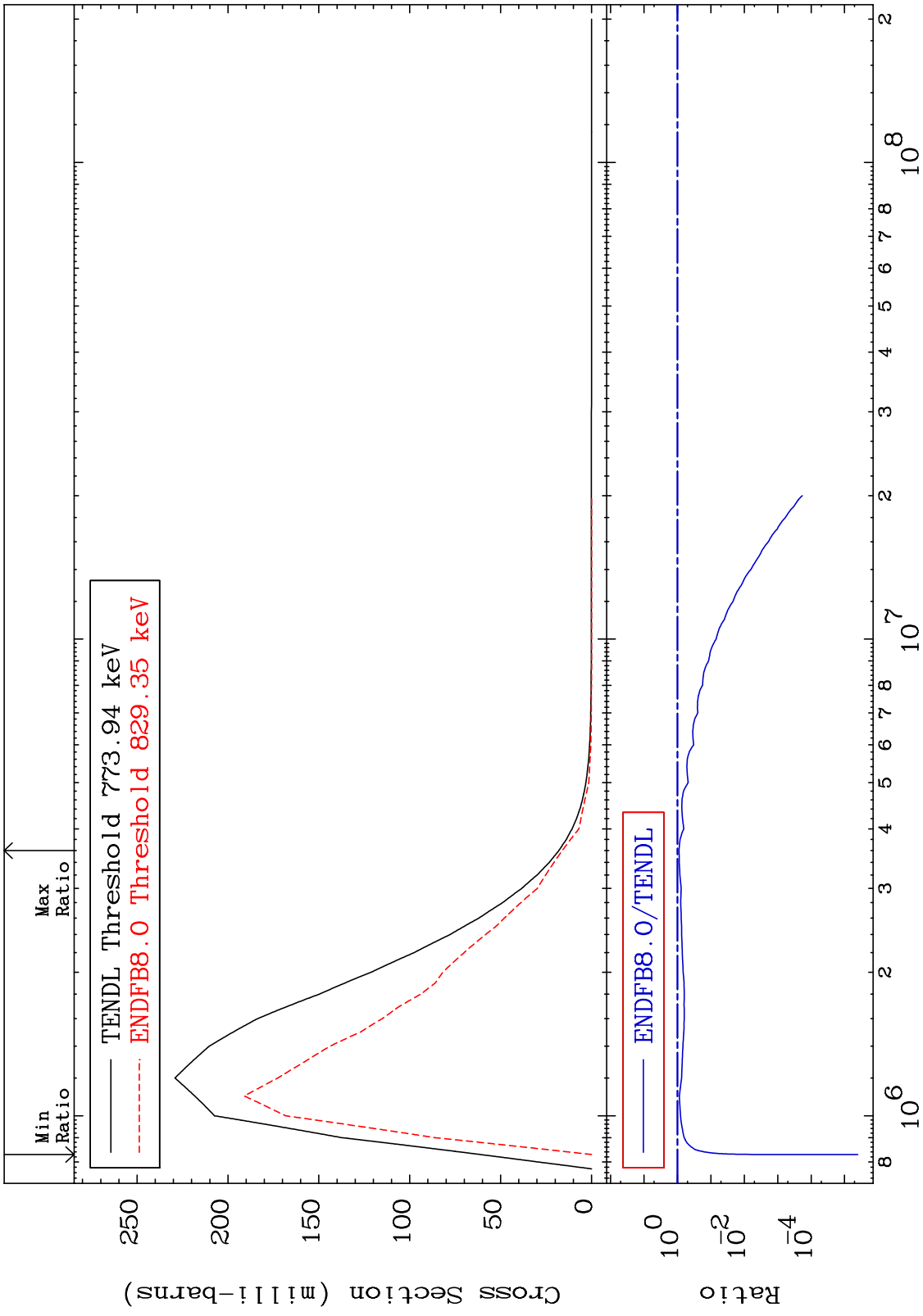
MAT 4234 MT= 52 (n,n') Level Cross Section -77.95 To 9999. % 42-Mo-95



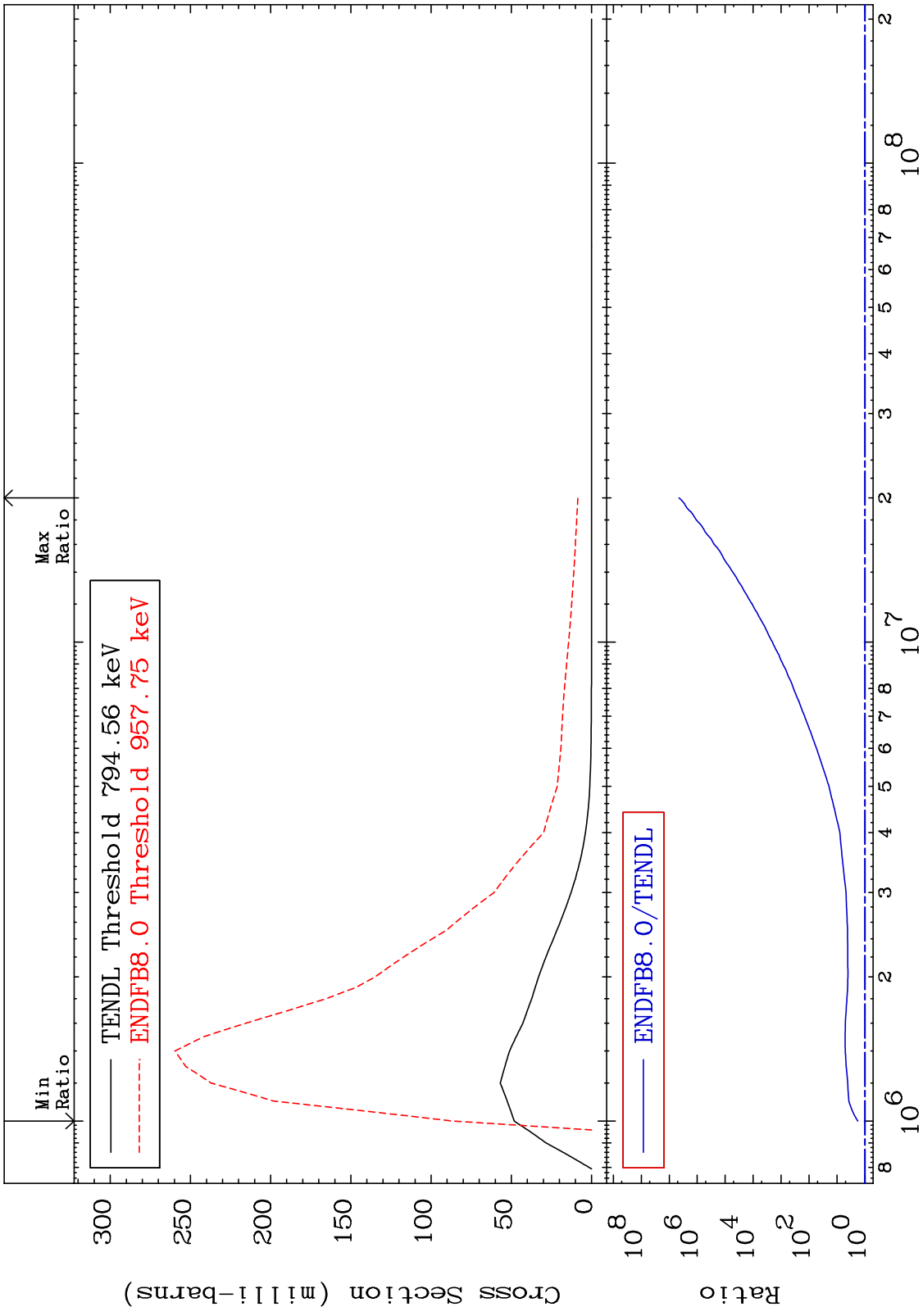
MAT 4234 MT= 53 (n,n') Level Cross Section -100.0 To -55.11% 42-Mo-95



MAT 4234 MT= 54 (n,n') Level Cross Section -100.0 To -10.52% 42-Mo-95



MAT 4234 MT= 55 (n,n') Level Cross Section 80.16 To 9999. % 42-Mo-95

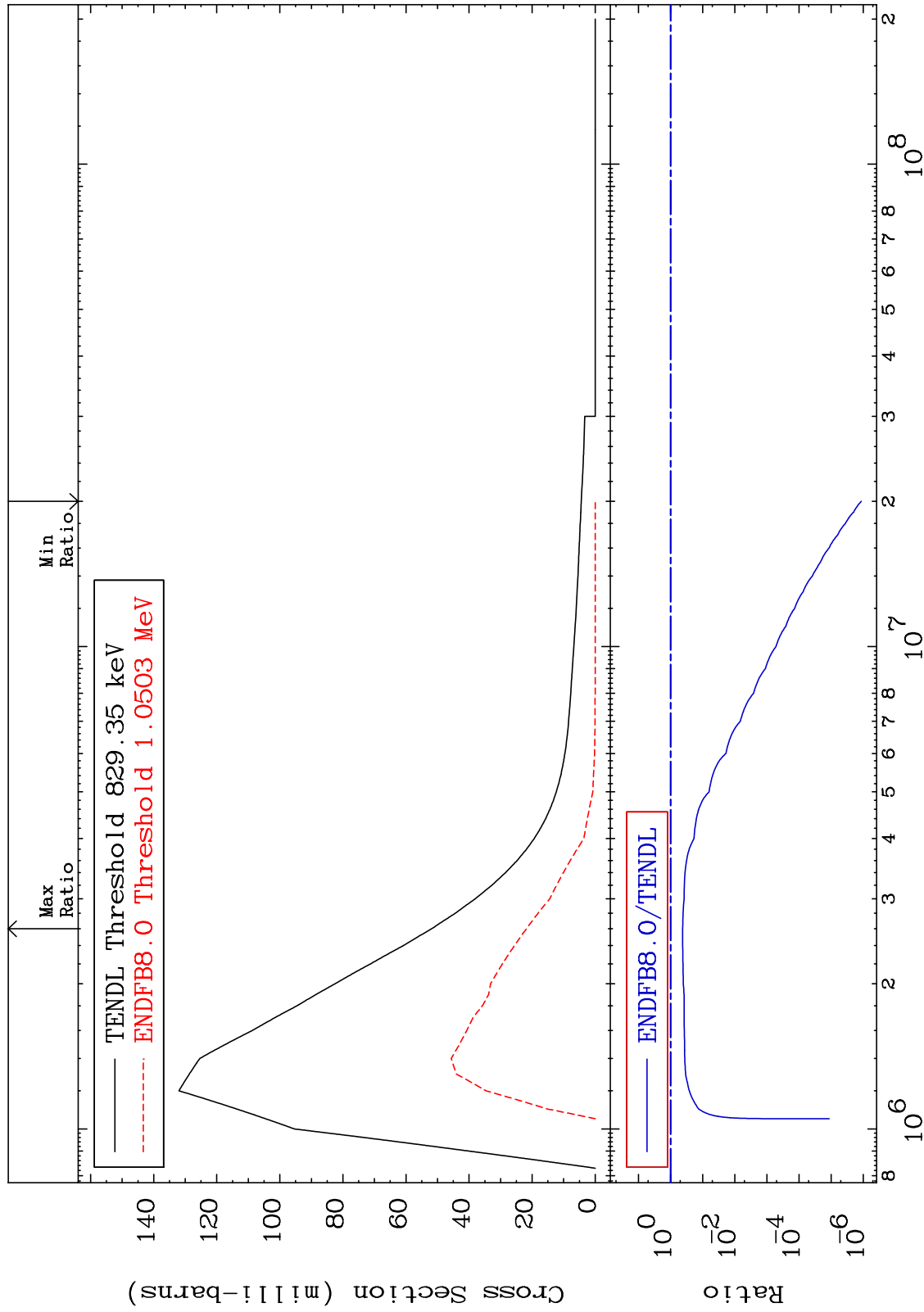


14 42-Mo-95

MAT 4234

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

42-Mo-95  
-100.0 To -57.89%



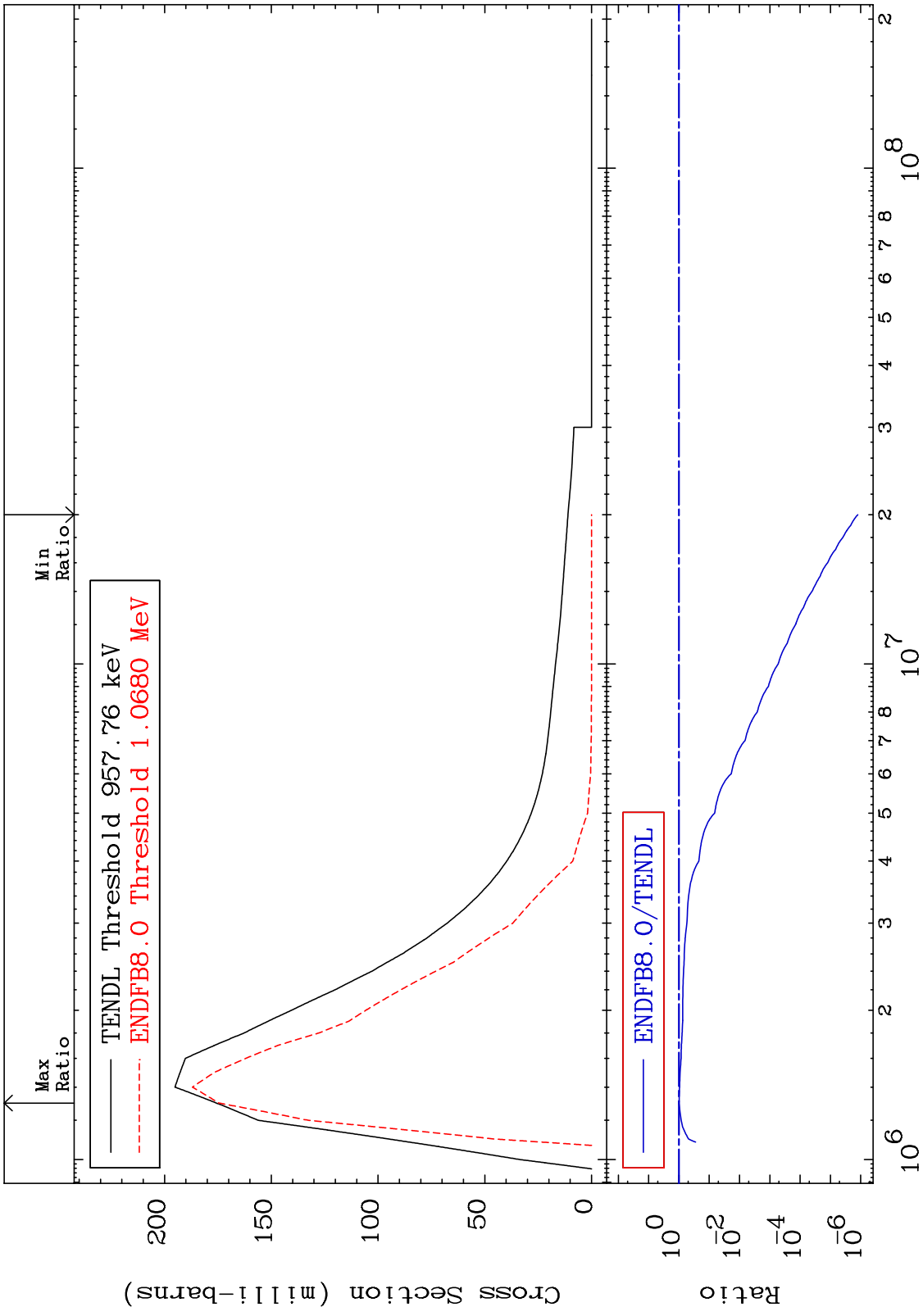
15

Incident Energy (eV)

42-Mo-95

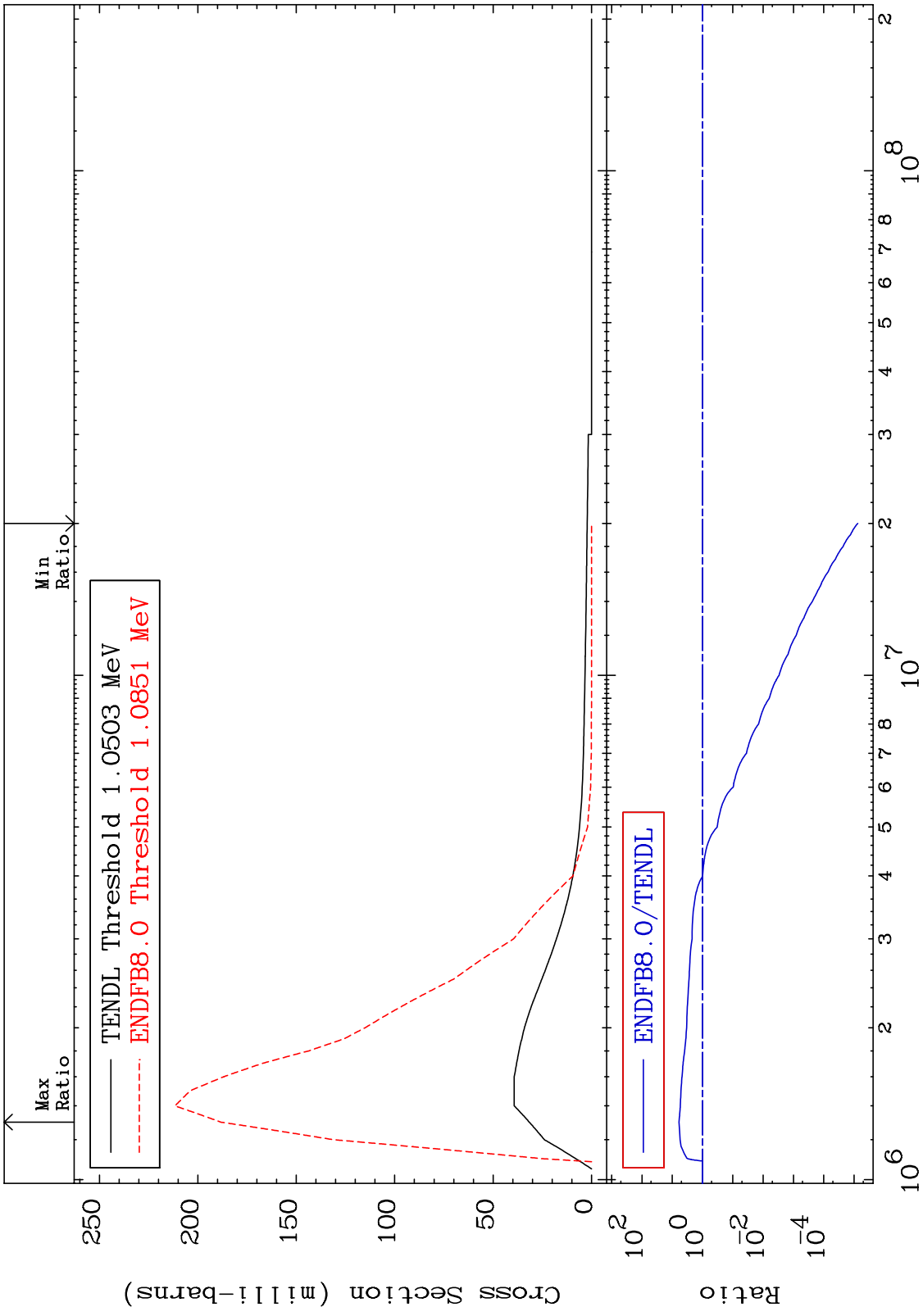


MAT 4234      MT= 57 (n,n') Level Cross Section      42-Mo-95  
 -100.0 To -0.617%



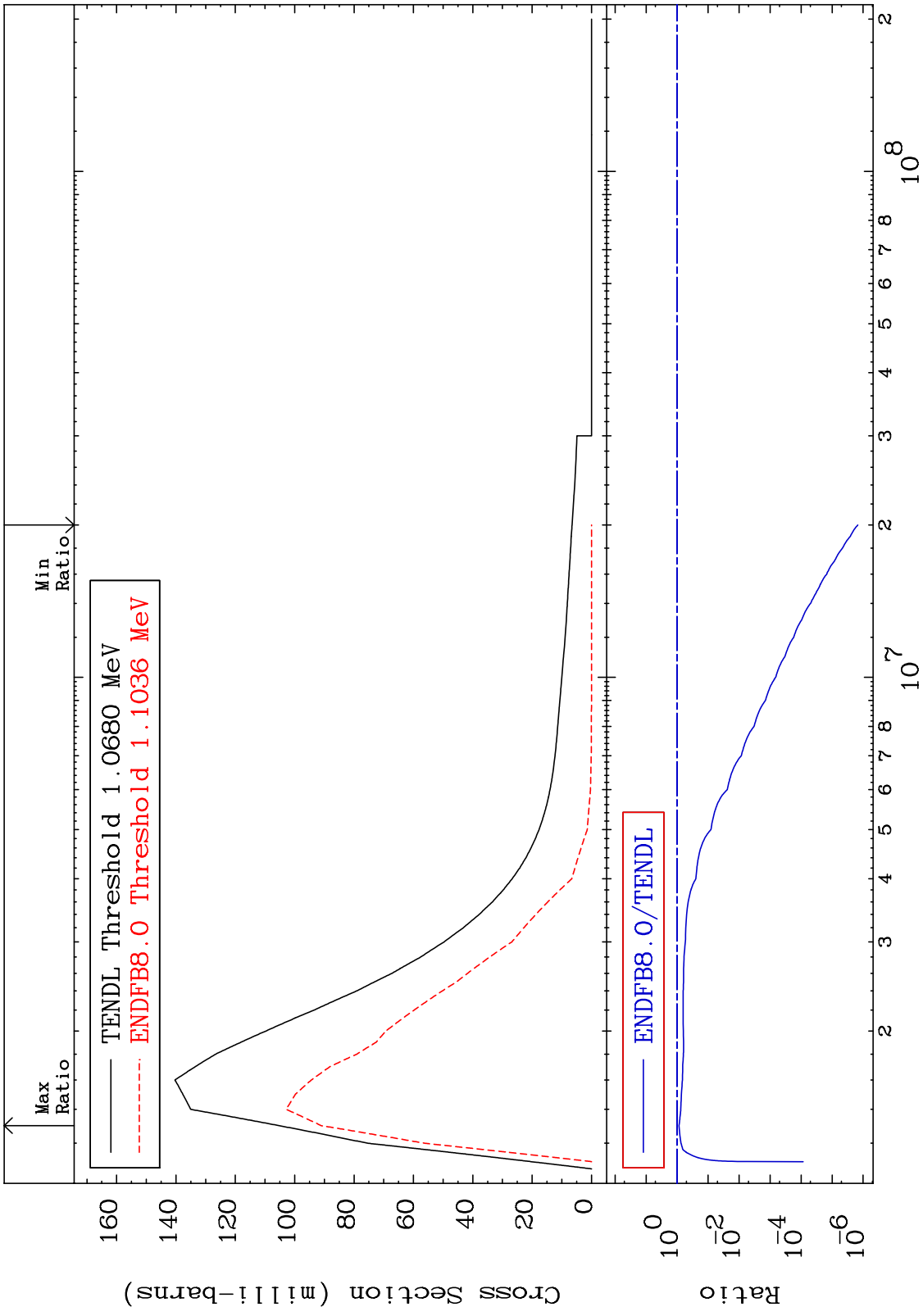
16      Incident Energy (eV)      42-Mo-95

MAT 4234 MT= 58 (n,n') Level Cross Section -100.0 To 495.7 % 42-Mo-95

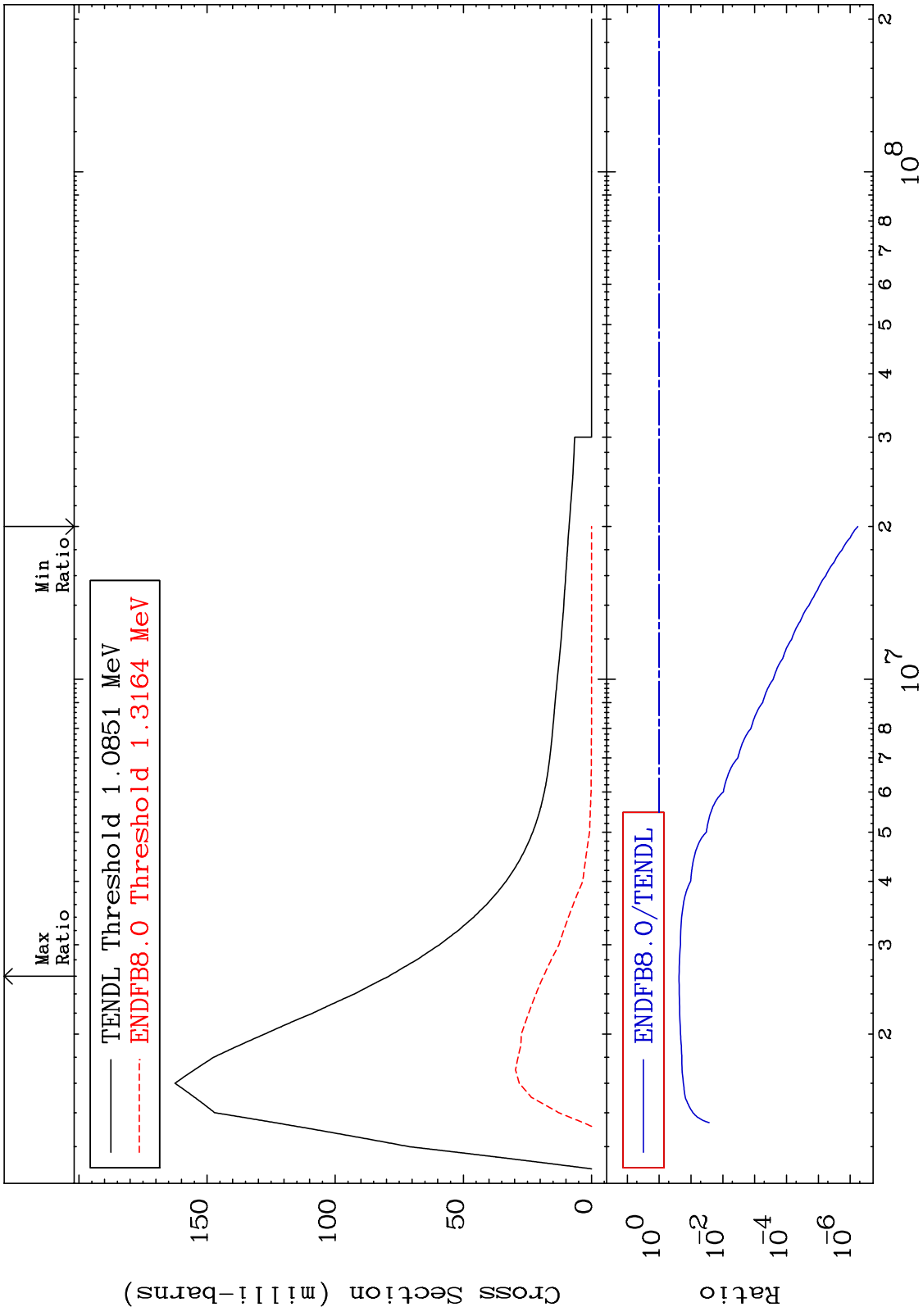


17 Incident Energy (eV) 42-Mo-95

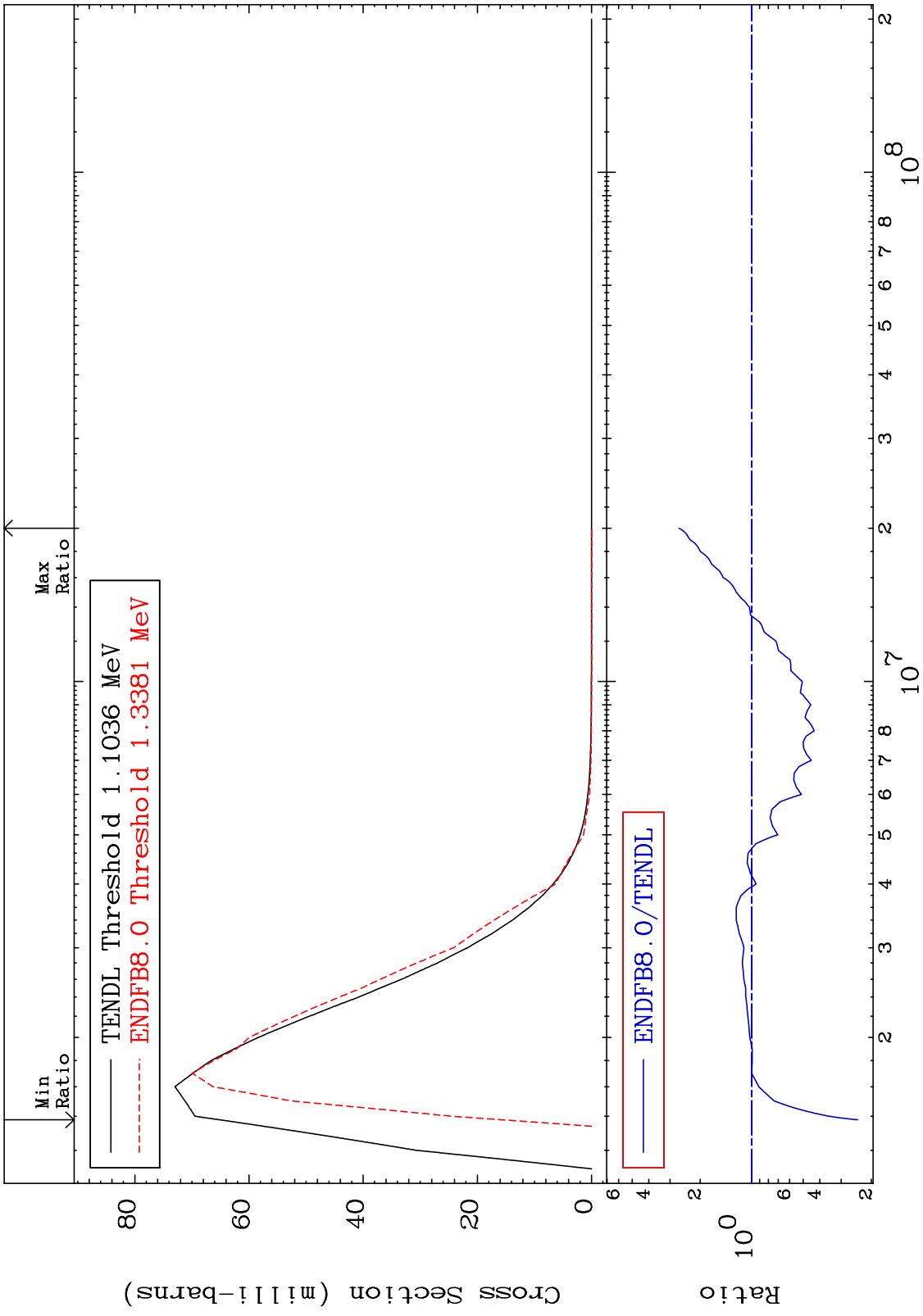
MAT 4234 MT= 59 (n,n') Level Cross Section 42-Mo-95  
 -100.0 To -13.50%



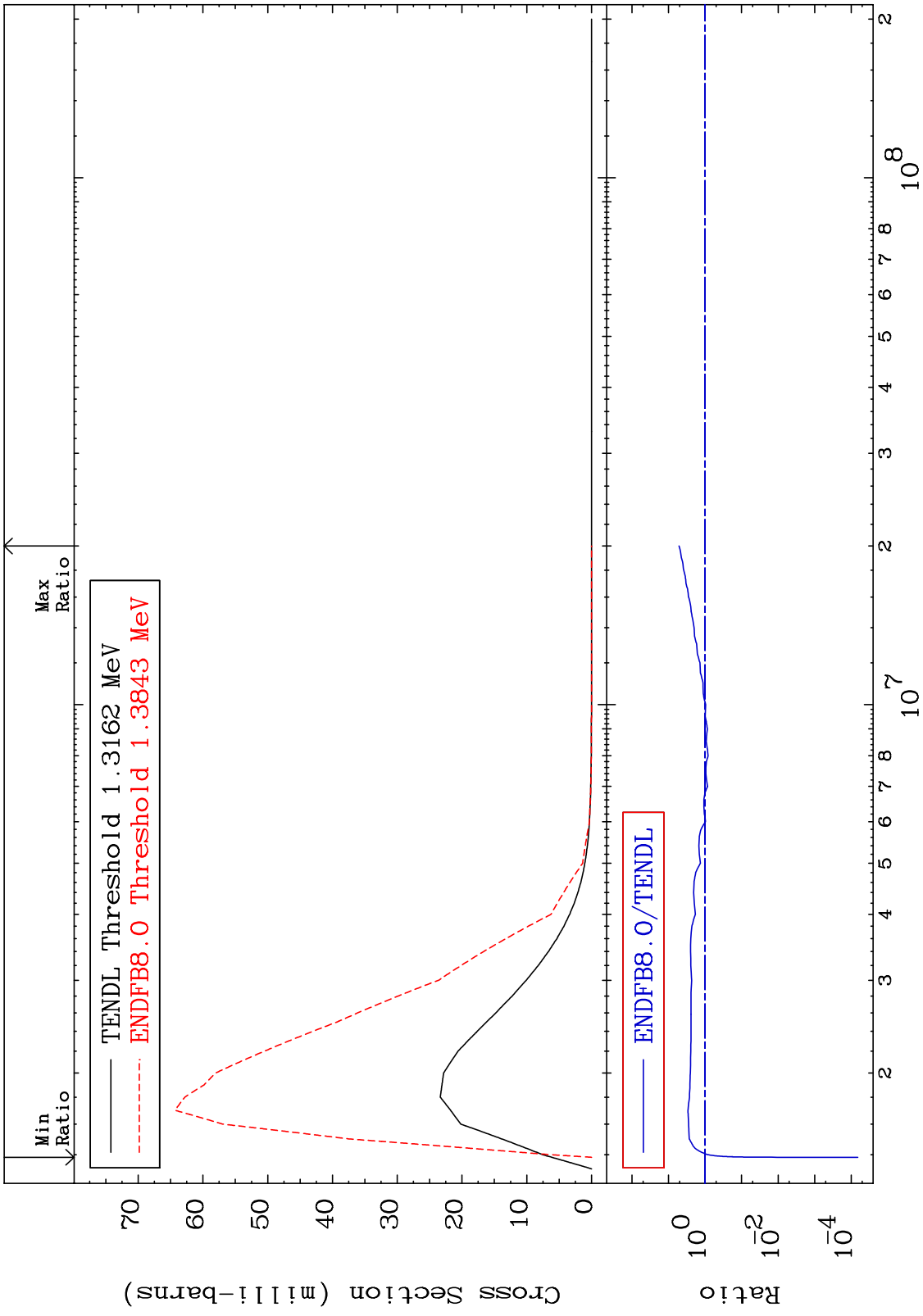
MAT 4234 MT= 60 (n,n') Level Cross Section 42-Mo-95  
 -100.0 To -76.32%



MAT 4234 MT= 61 (n,n') Level Cross Section -76.02 To 166.0 % 42-Mo-95



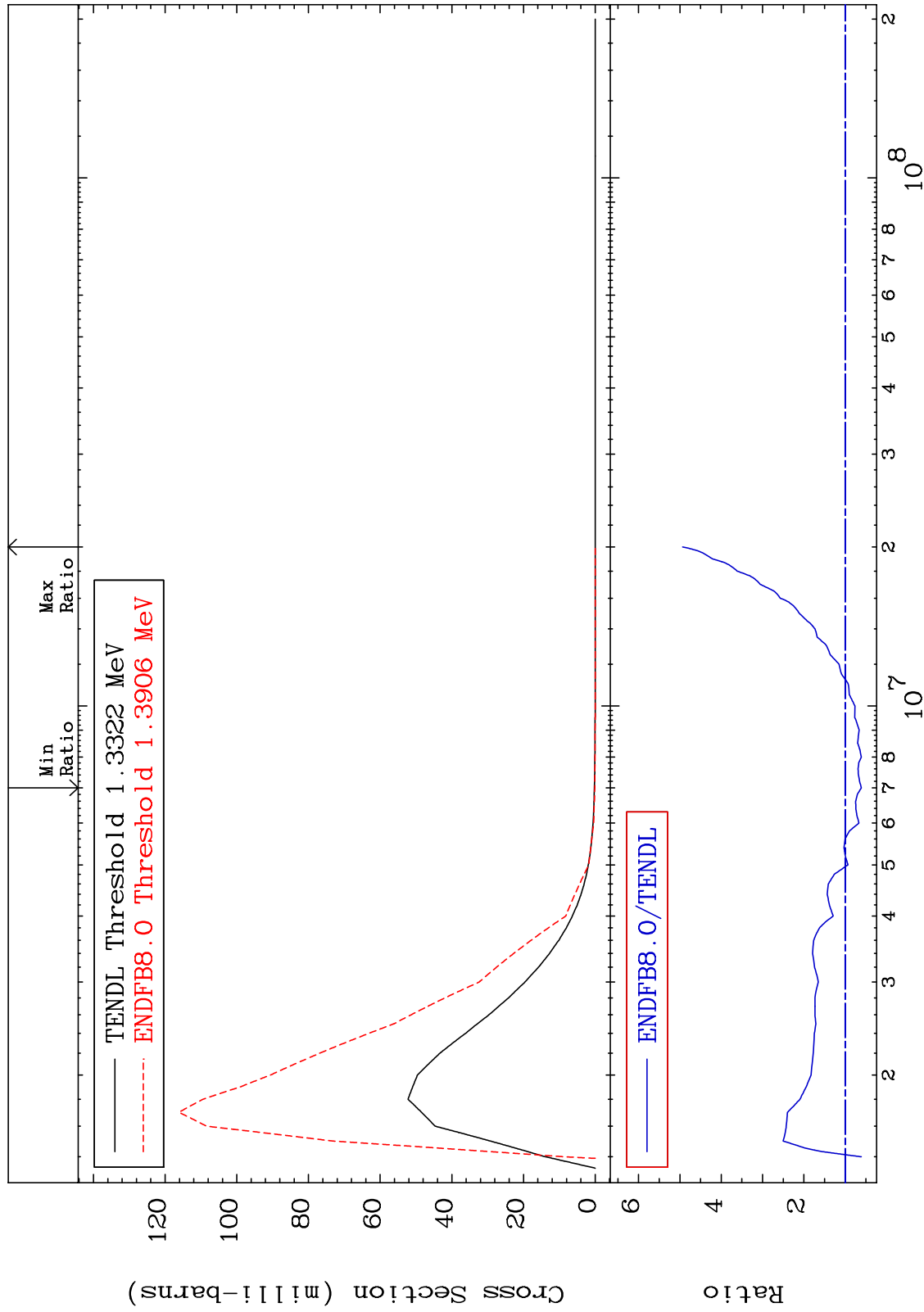
MAT 4234 MT= 62 (n,n') Level Cross Section 42-Mo-95  
 -99.99 To 416.4 %



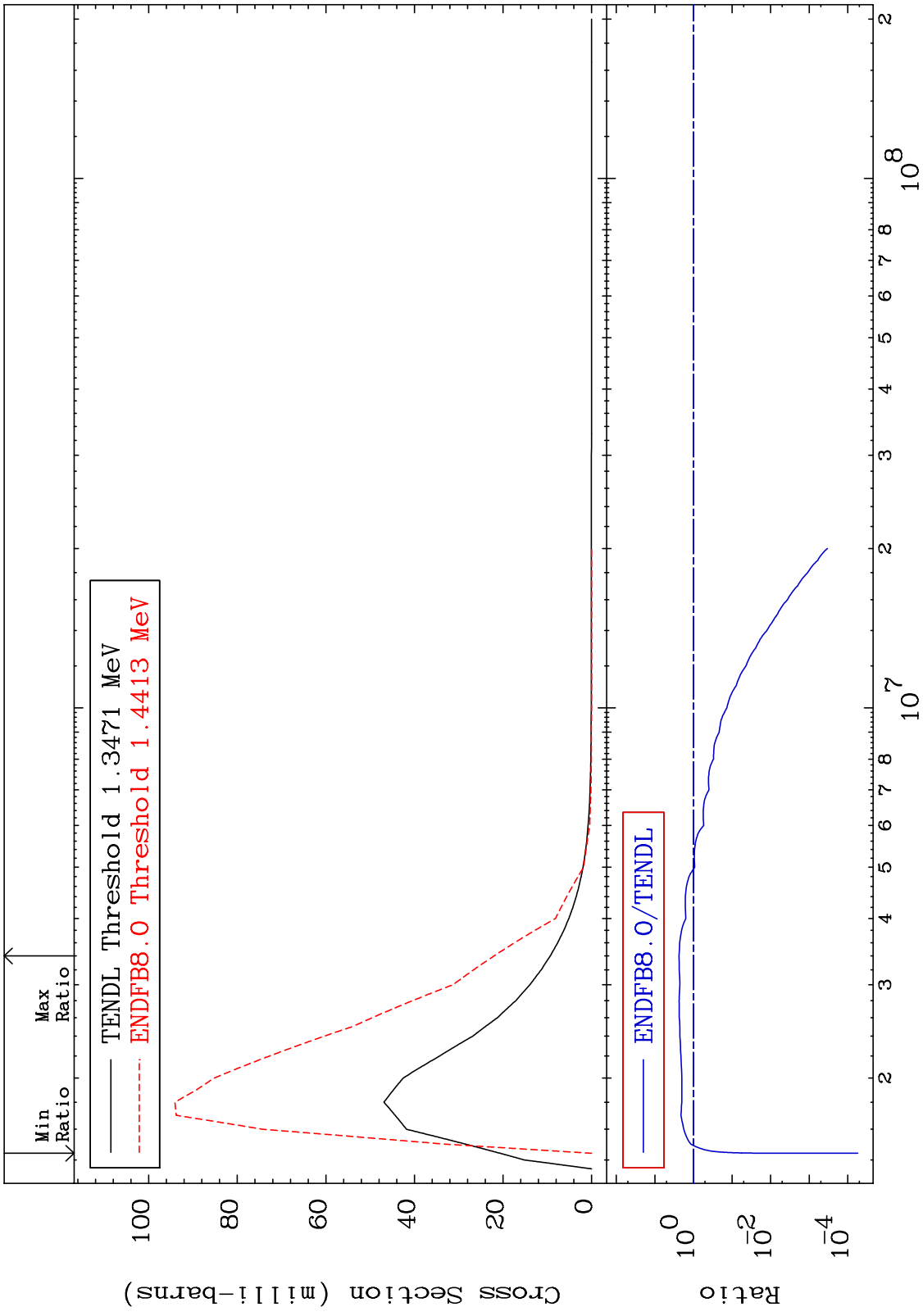
MAT 4234

MT= 63 (n,n') Level  
Cross Section

42-Mo-95  
-38.95 To 393.3 %

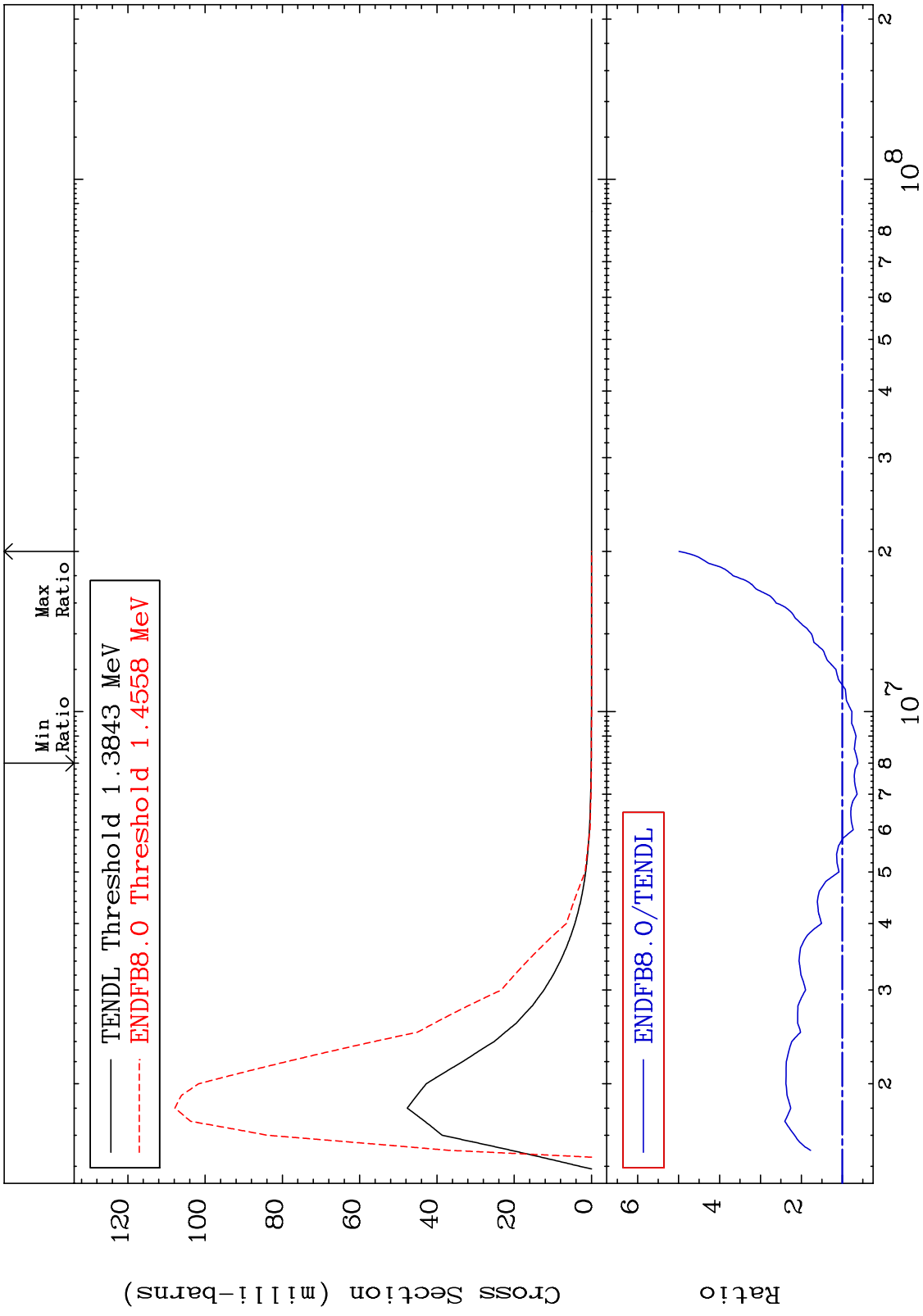


MAT 4234 MT= 64 (n,n') Level Cross Section 42-Mo-95  
 -99.99 To 136.5 %

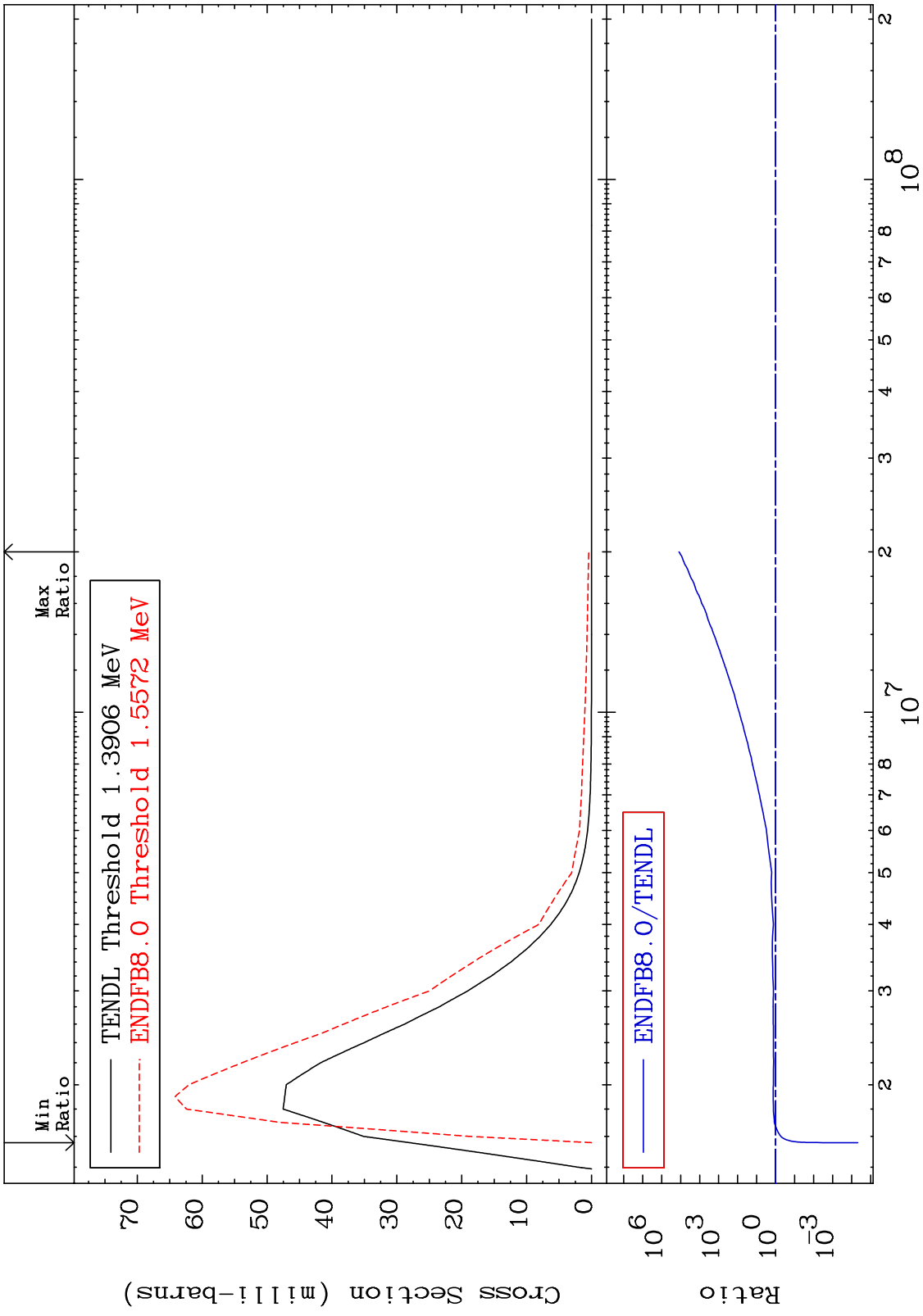




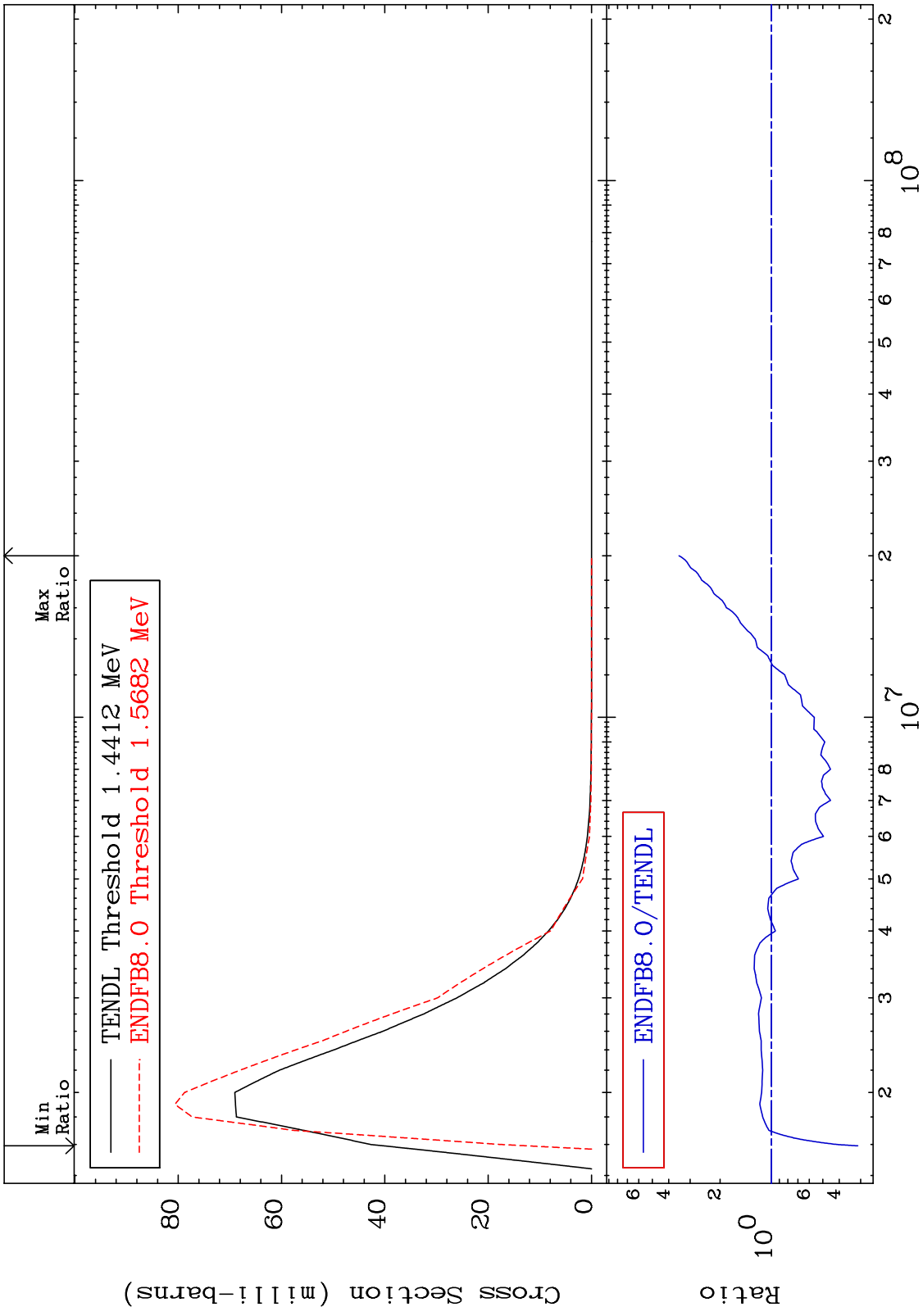
MAT 4234 MT= 65 (n,n') Level Cross Section -37.89 To 399.0 % 42-Mo-95



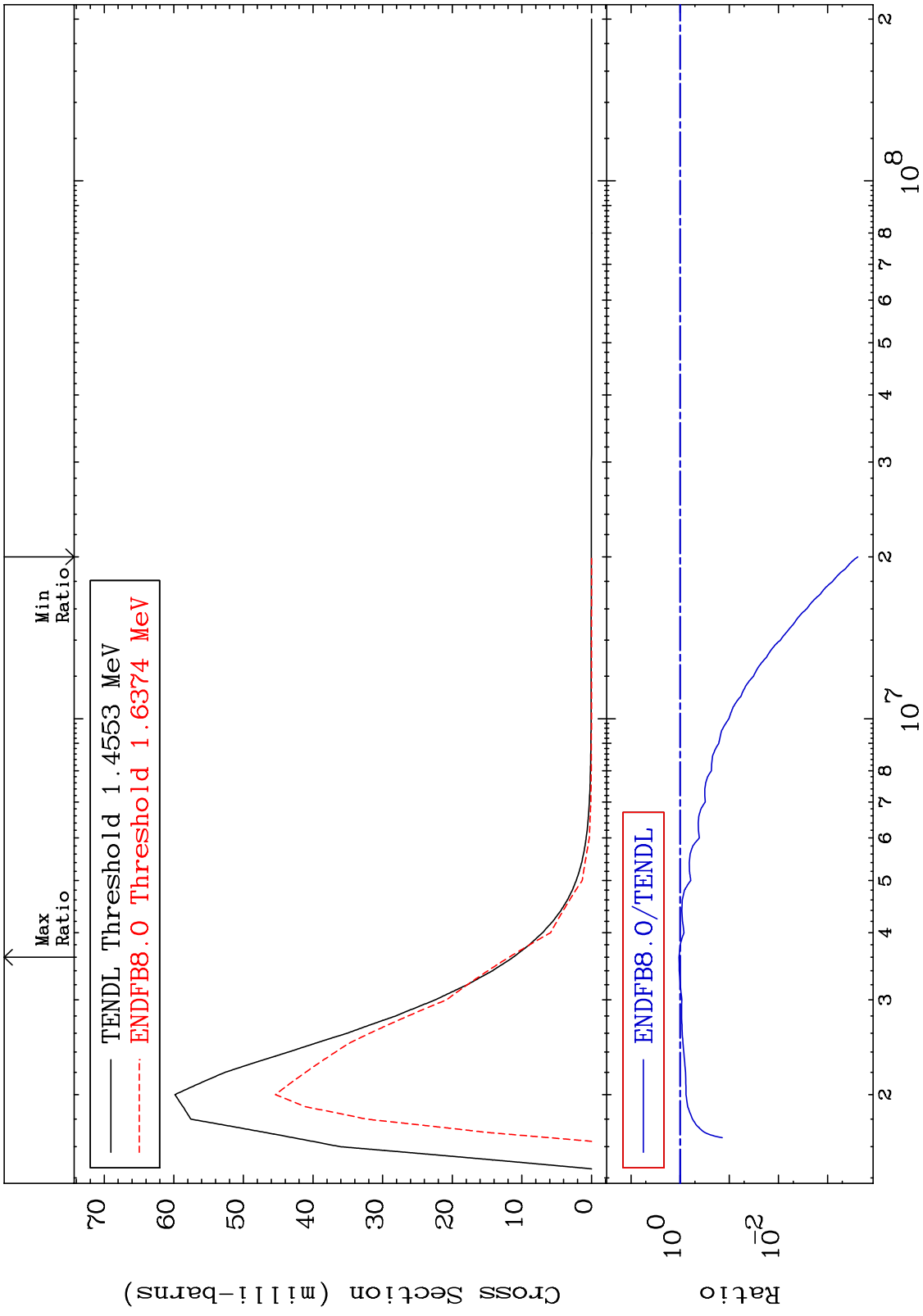
MAT 4234 MT= 66 (n,n') Level Cross Section -100.0 To 9999. % 42-Mo-95



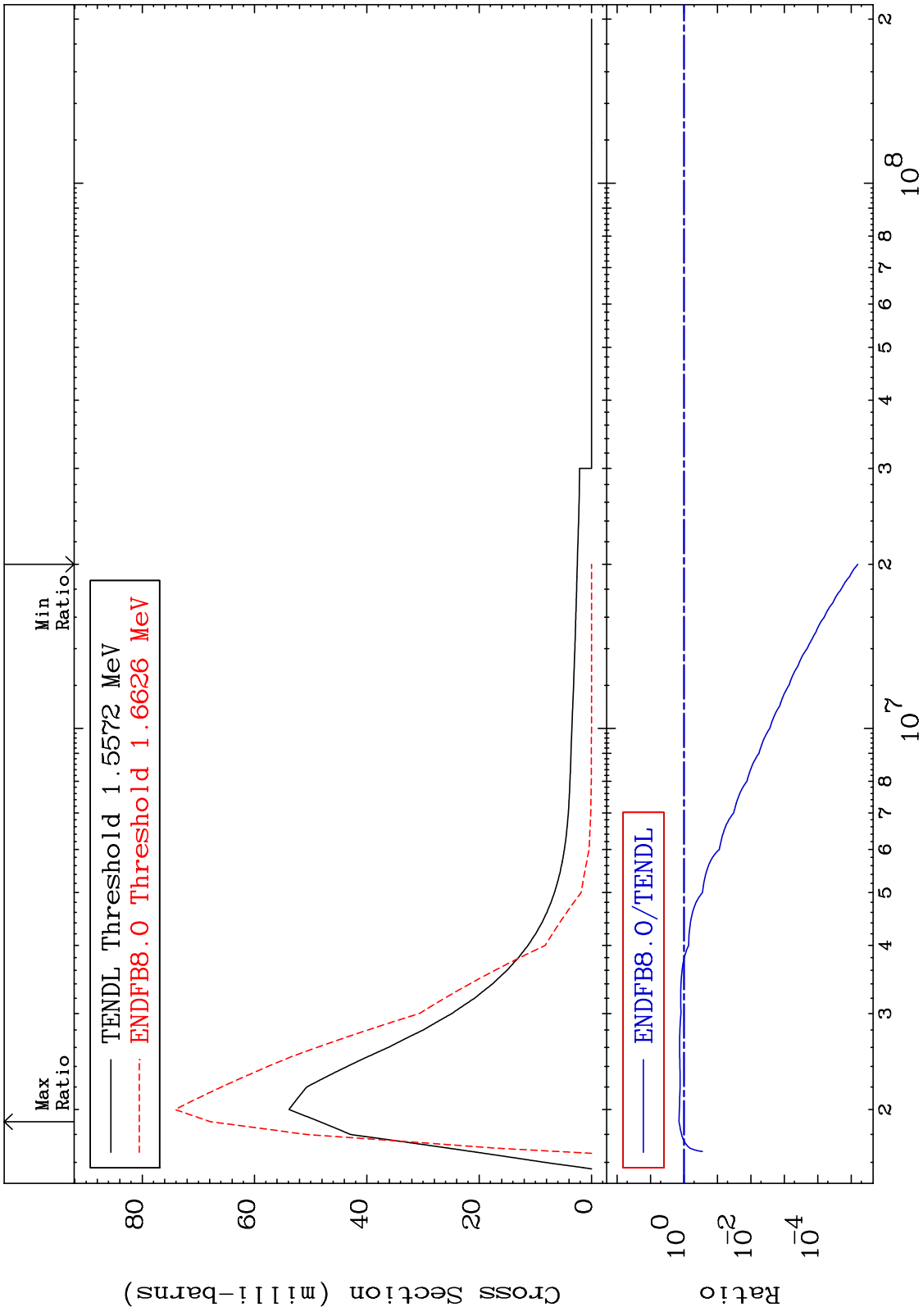
MAT 4234 MT= 67 (n,n') Level Cross Section -68.87 To 248.2 % 42-Mo-95



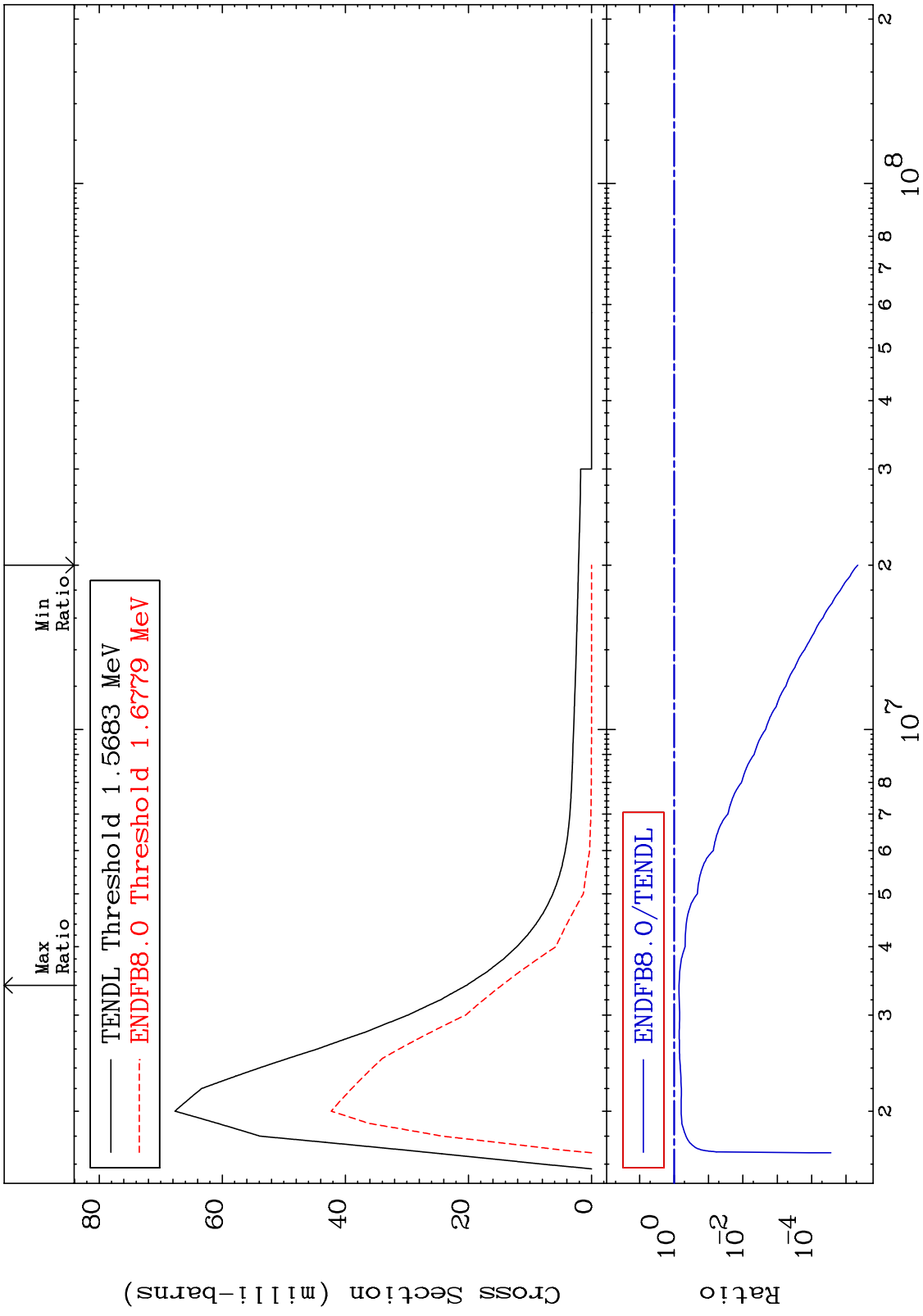
MAT 4234 MT= 68 (n,n') Level Cross Section 42-Mo-95  
 -99.98 To 5.438 %



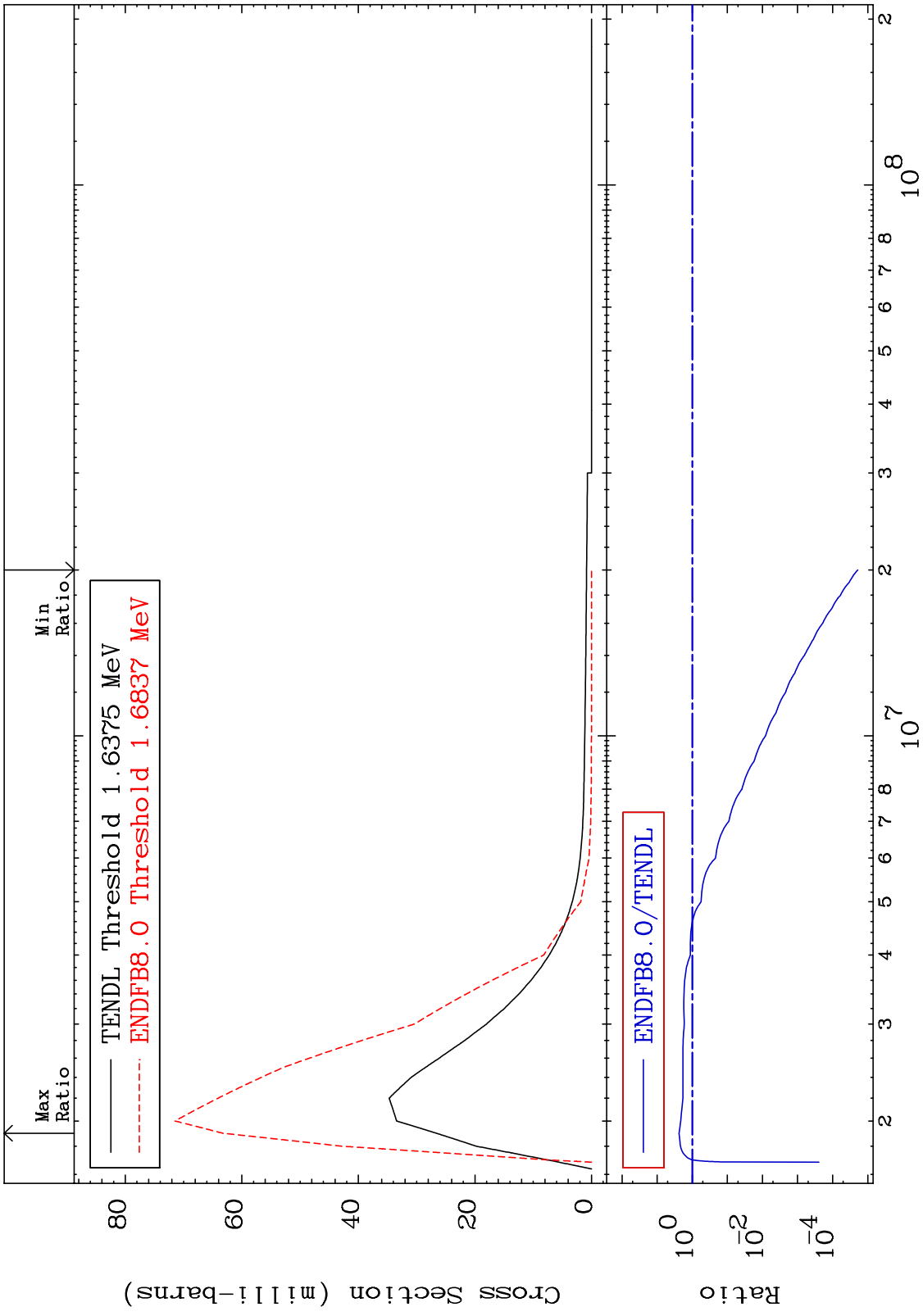
MAT 4234 MT= 69 (n,n') Level Cross Section 42-Mo-95  
 -100.0 To 40.31 %



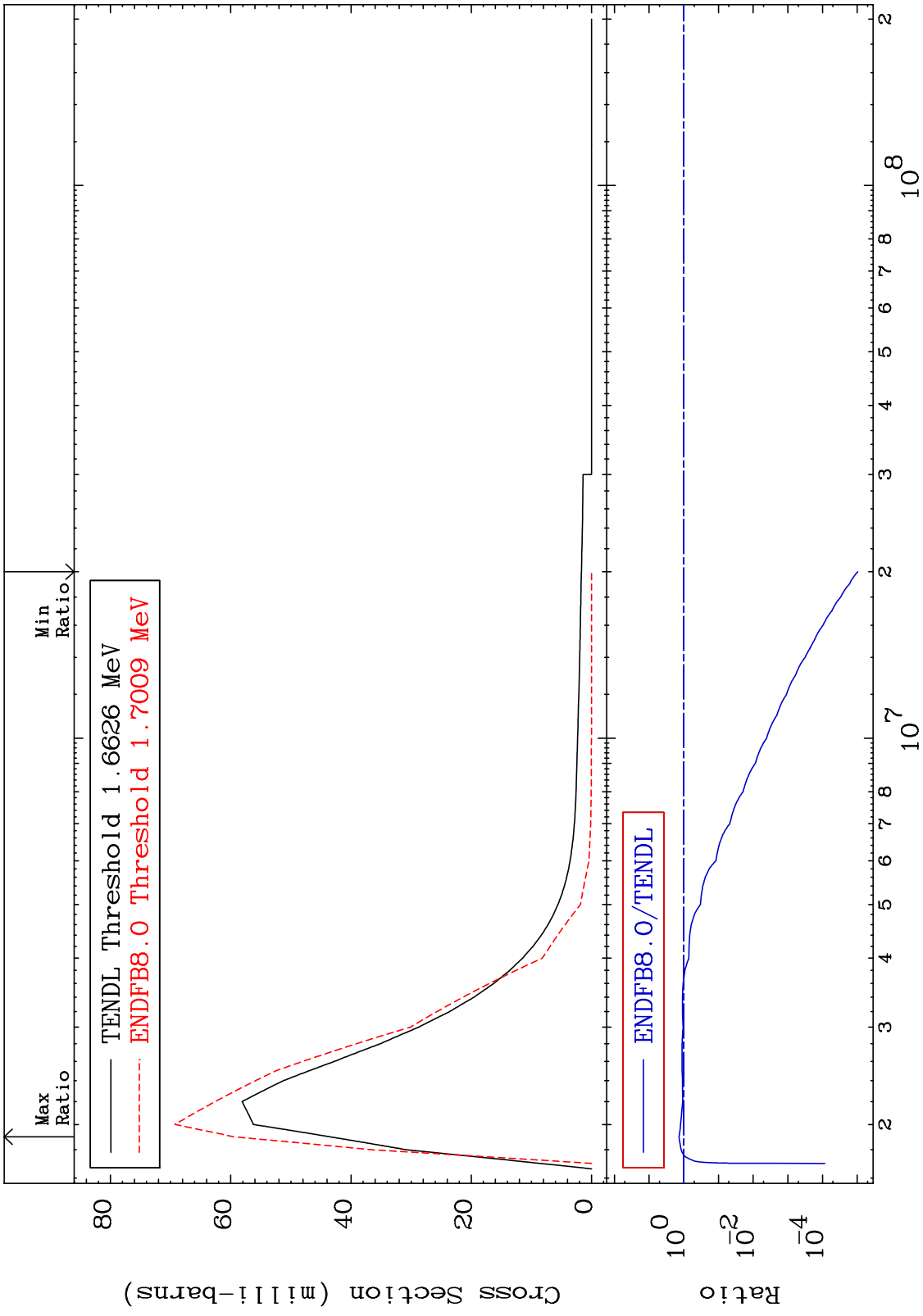
MAT 4234 MT= 70 (n,n') Level Cross Section -100.0 To -28.20% 42-Mo-95



MAT 4234 MT= 71 (n,n') Level Cross Section -100.0 To 137.7 % 42-Mo-95

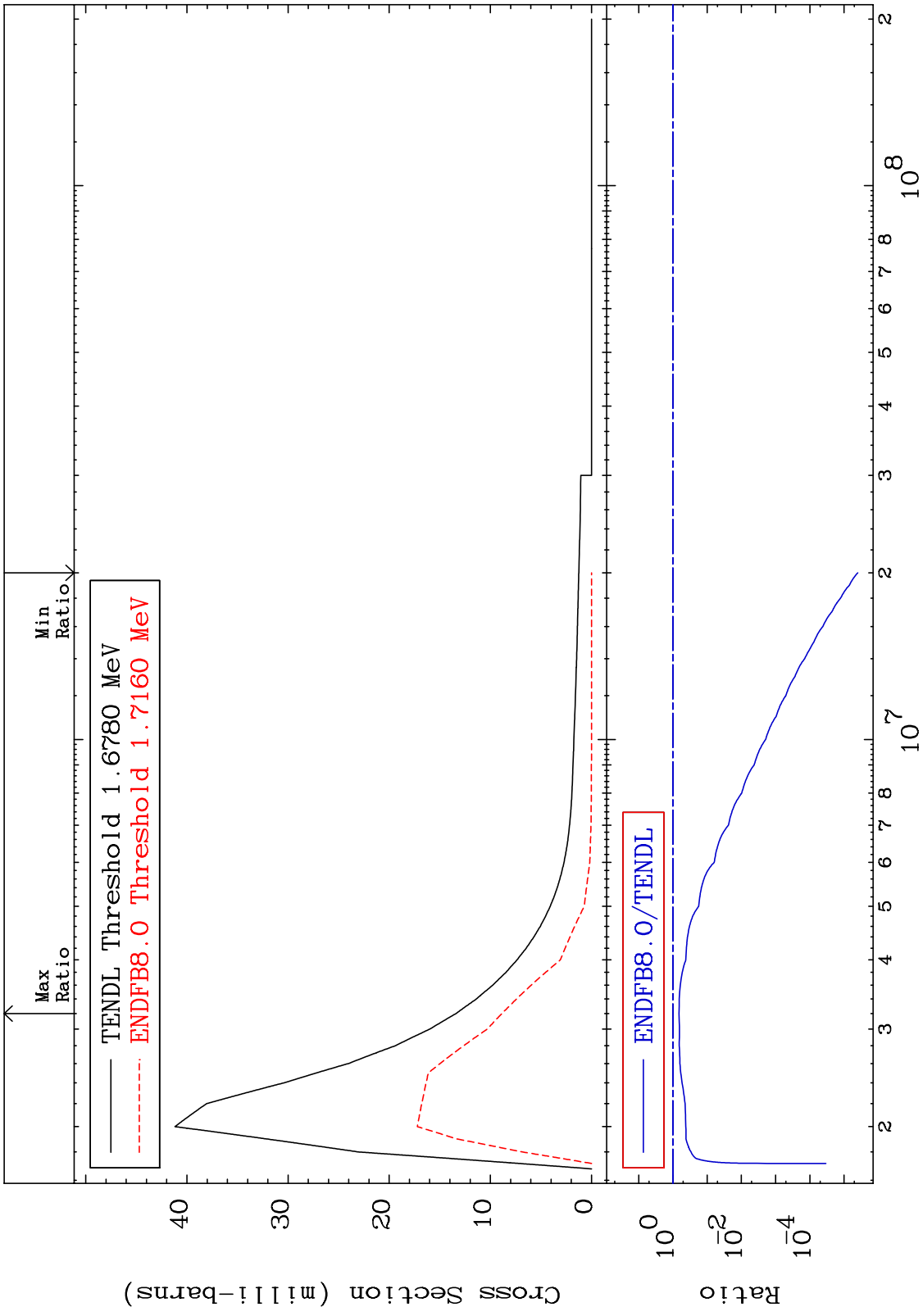


MAT 4234 MT= 72 (n,n') Level Cross Section -100.0 To 36.76 % 42-Mo-95





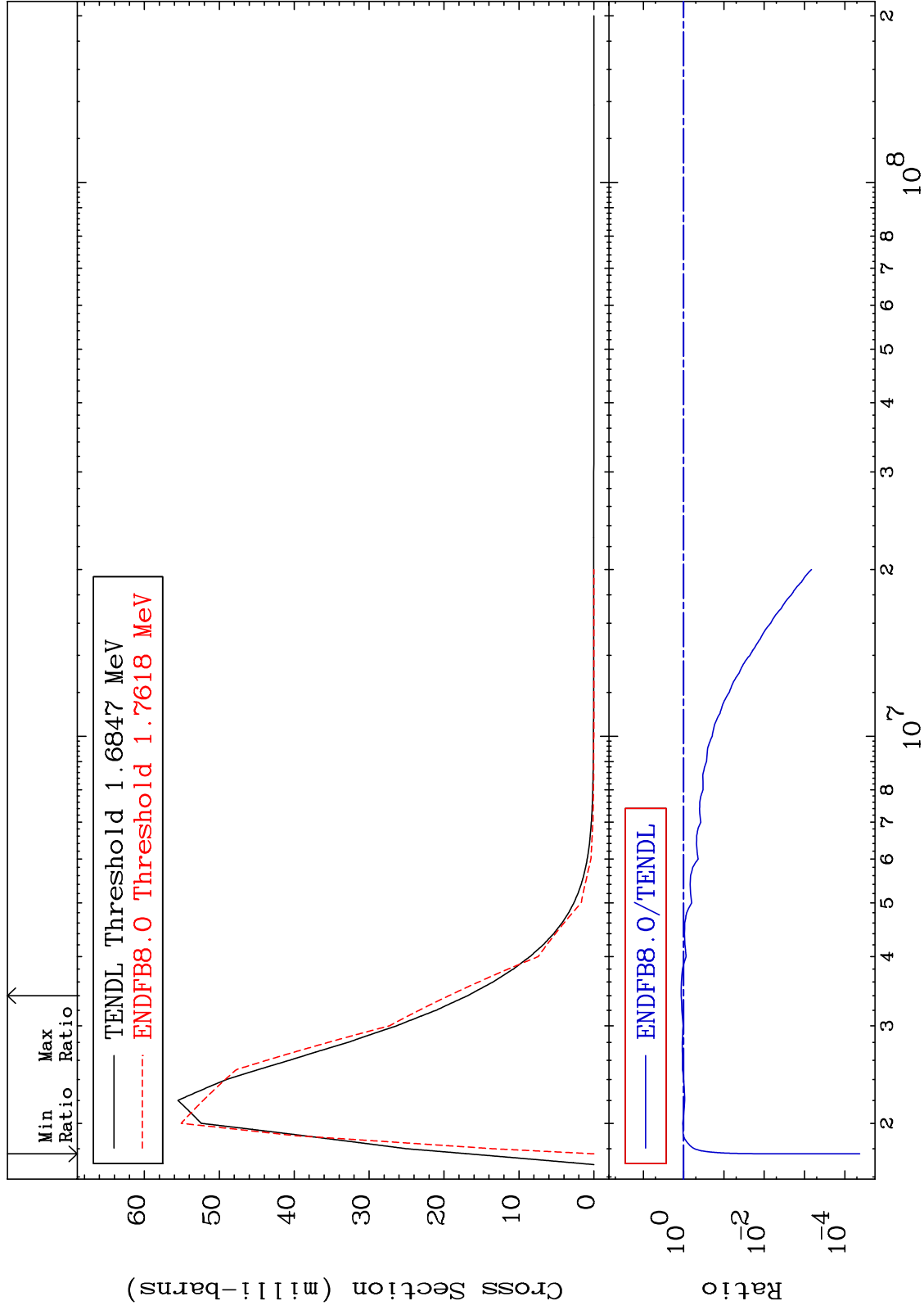
MAT 4234 MT= 73 (n,n') Level Cross Section 42-Mo-95  
 -100.0 To -33.89%



MAT 4234

MT= 74 (n,n') Level  
Cross Section

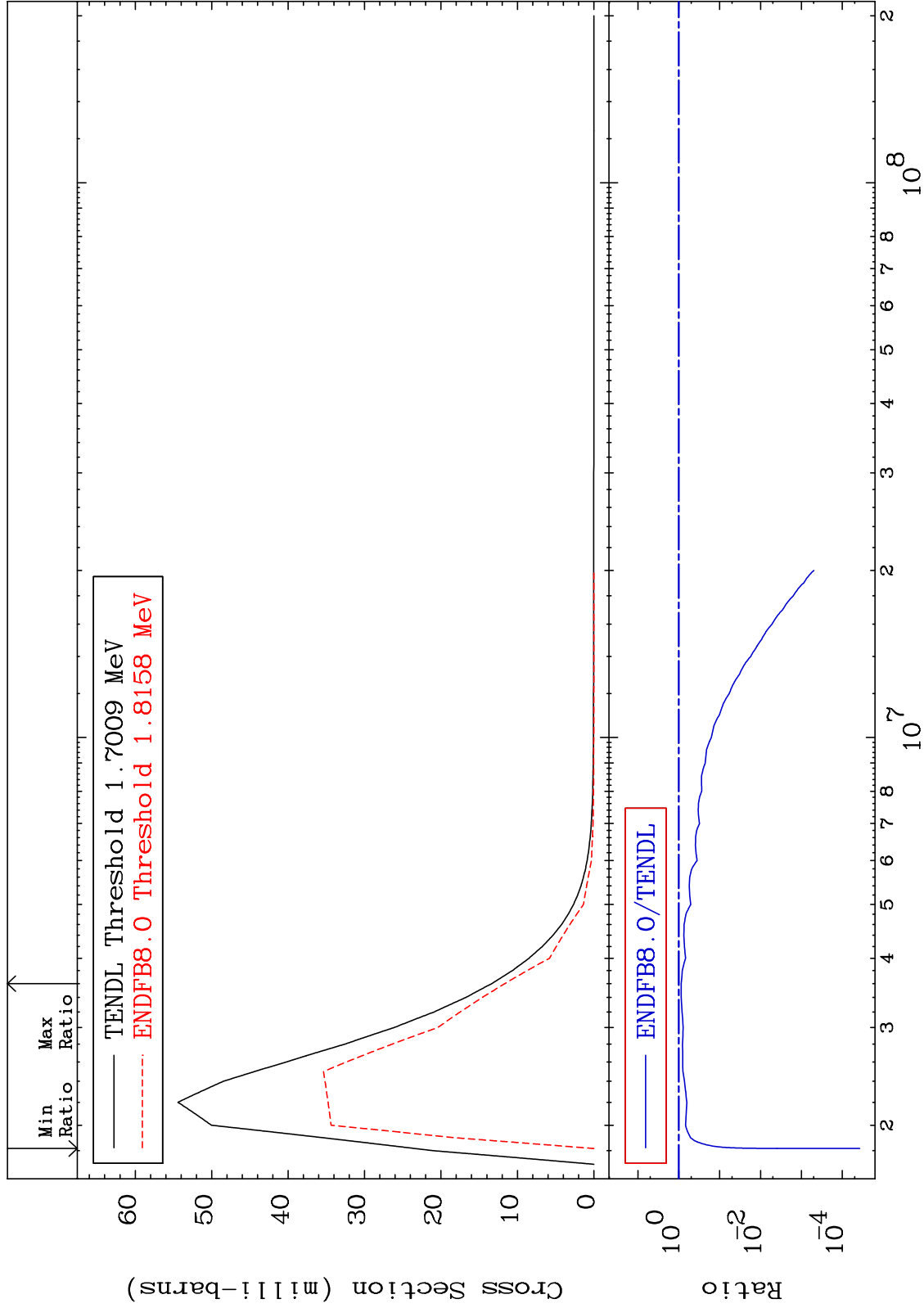
42-Mo-95  
-100.0 To 14.90 %



MAT 4234

MT= 75 (n,n') Level  
Cross Section

42-Mo-95  
-100.0 To -12.79%

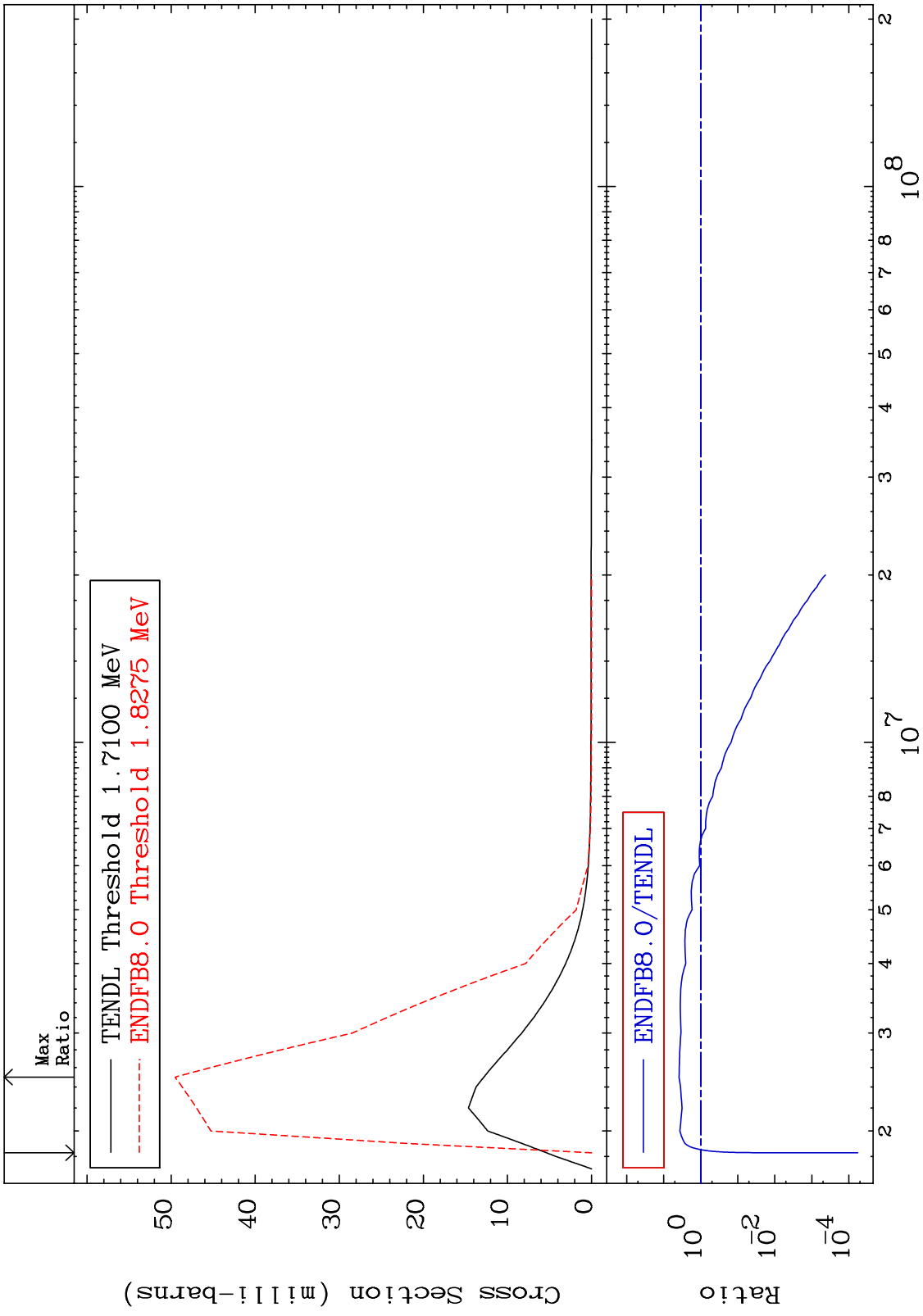


34

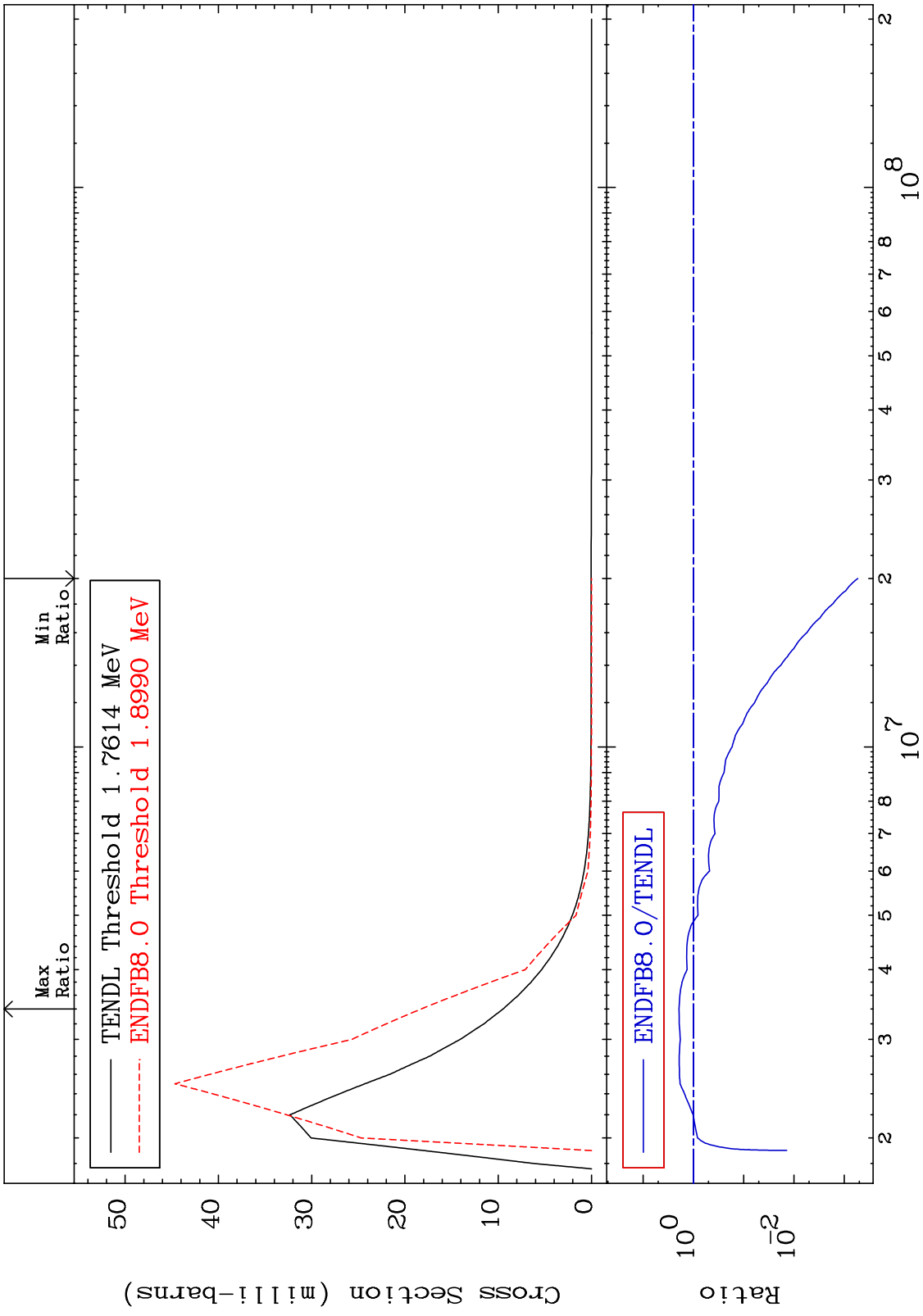
Incident Energy (eV)

42-Mo-95

MAT 4234 MT= 76 (n,n') Level Cross Section 42-Mo-95  
 -99.99 To 286.8 %



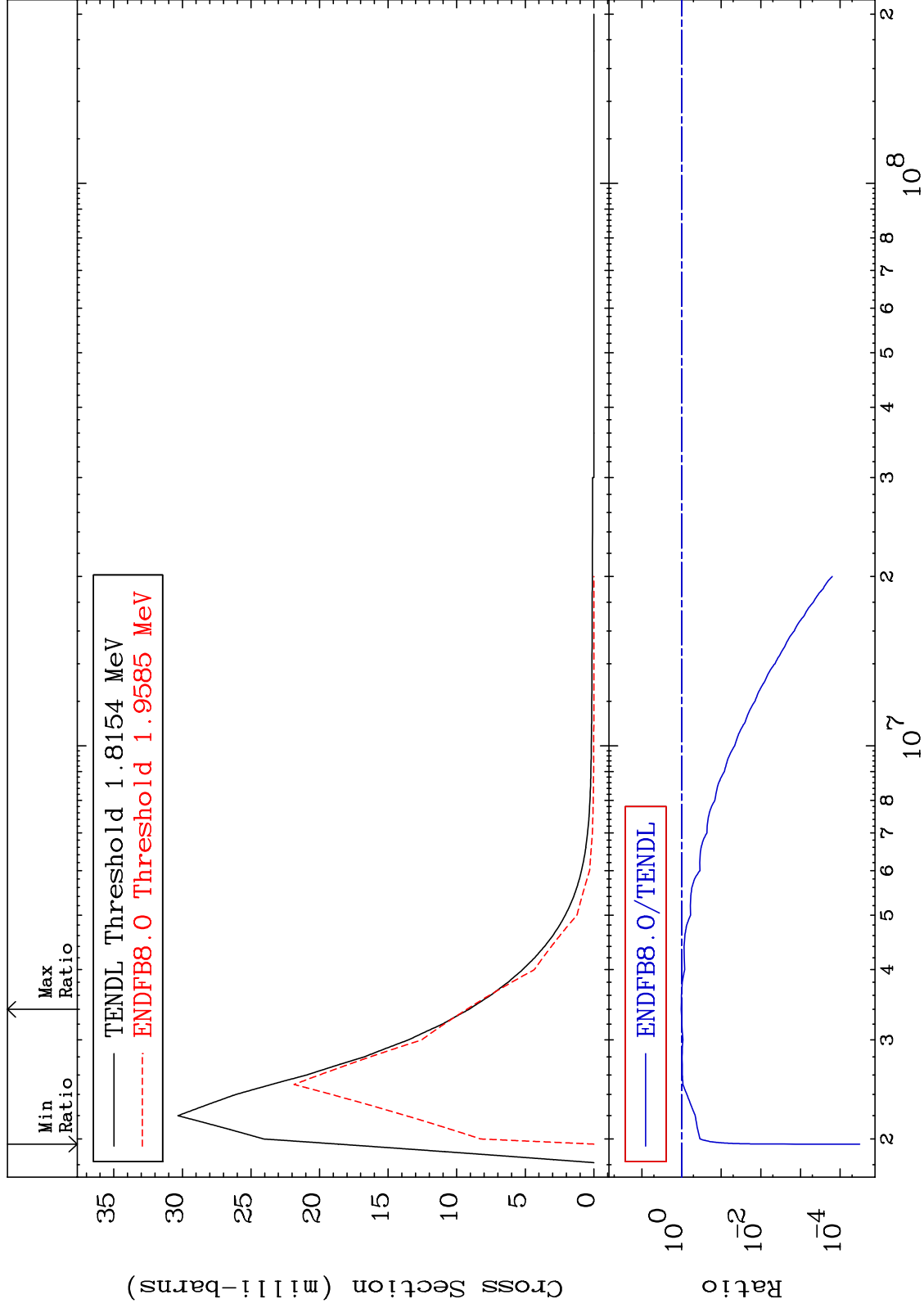
MAT 4234 MT= 77 (n,n') Level Cross Section 42-Mo-95  
 -99.95 To 92.48 %



MAT 4234

MT= 78 (n,n') Level  
Cross Section

42-Mo-95  
-100.0 To 1.853 %



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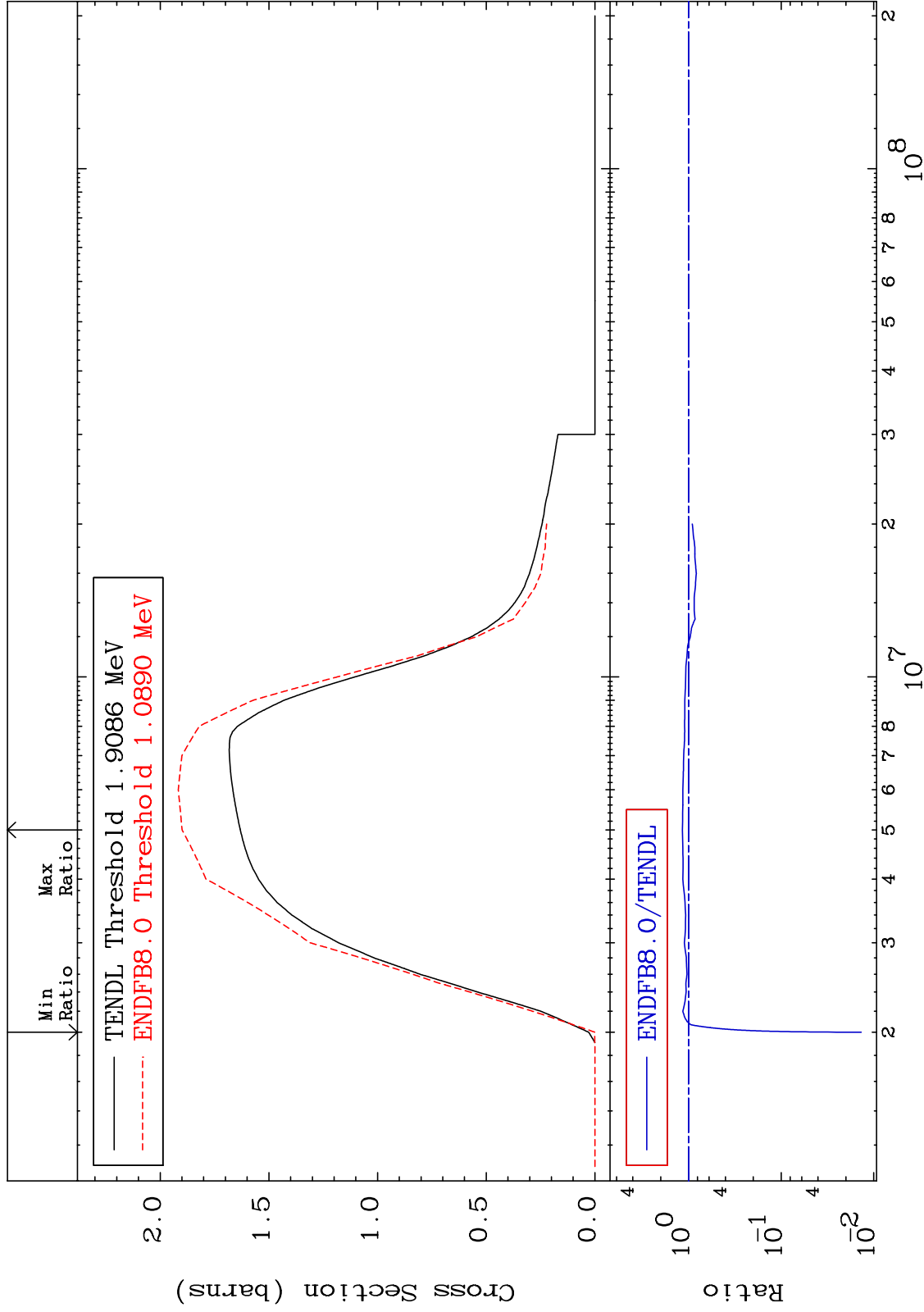
Incident Energy (eV)

42-Mo-95

MAT 4234

(n, n') Continuum  
Cross Section

42-Mo-95  
-98.64 To 16.43 %



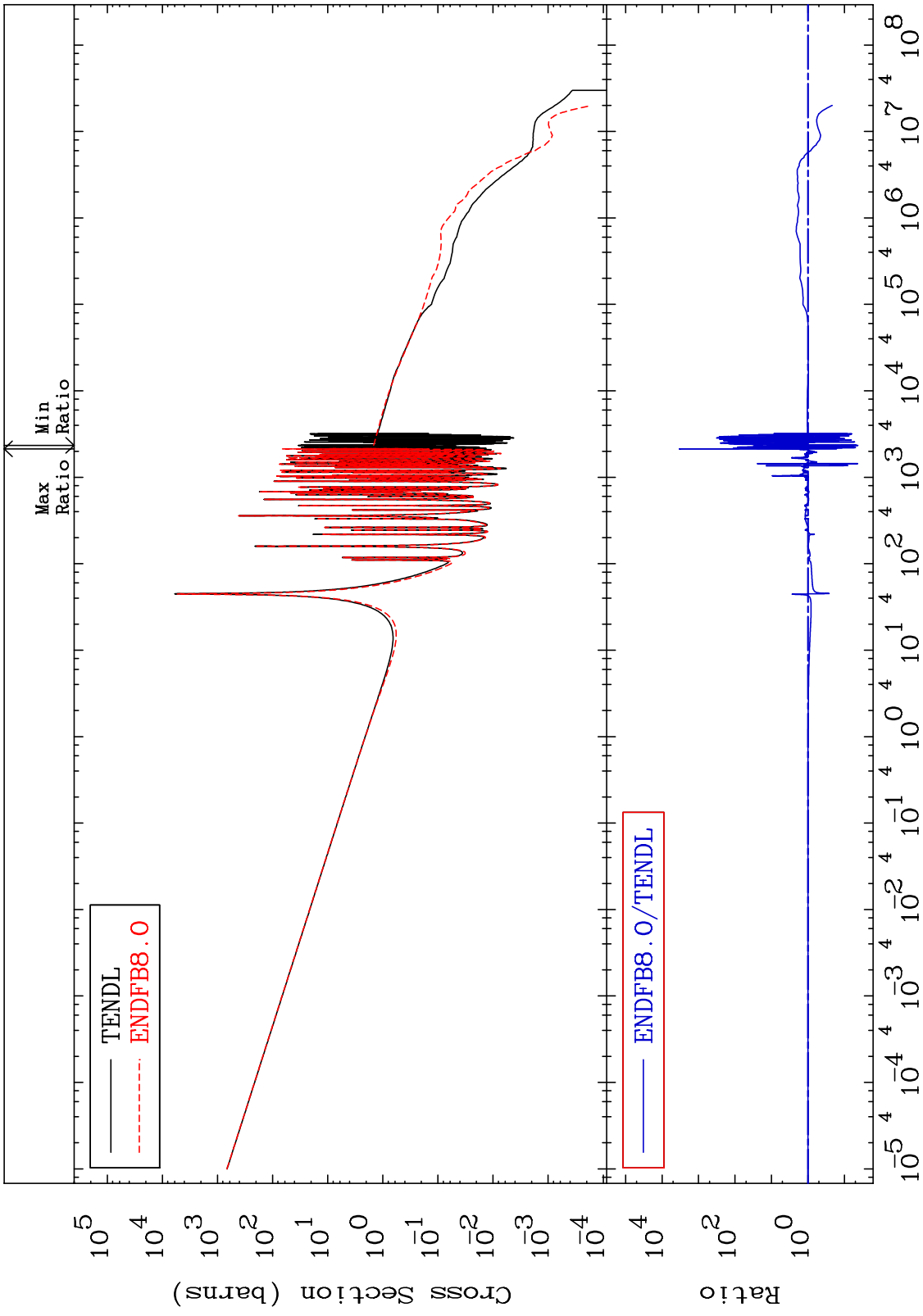
MAT 4234

(n,  $\gamma$ )

42-Mo-95

Cross Section

-95.72 To 9999. %





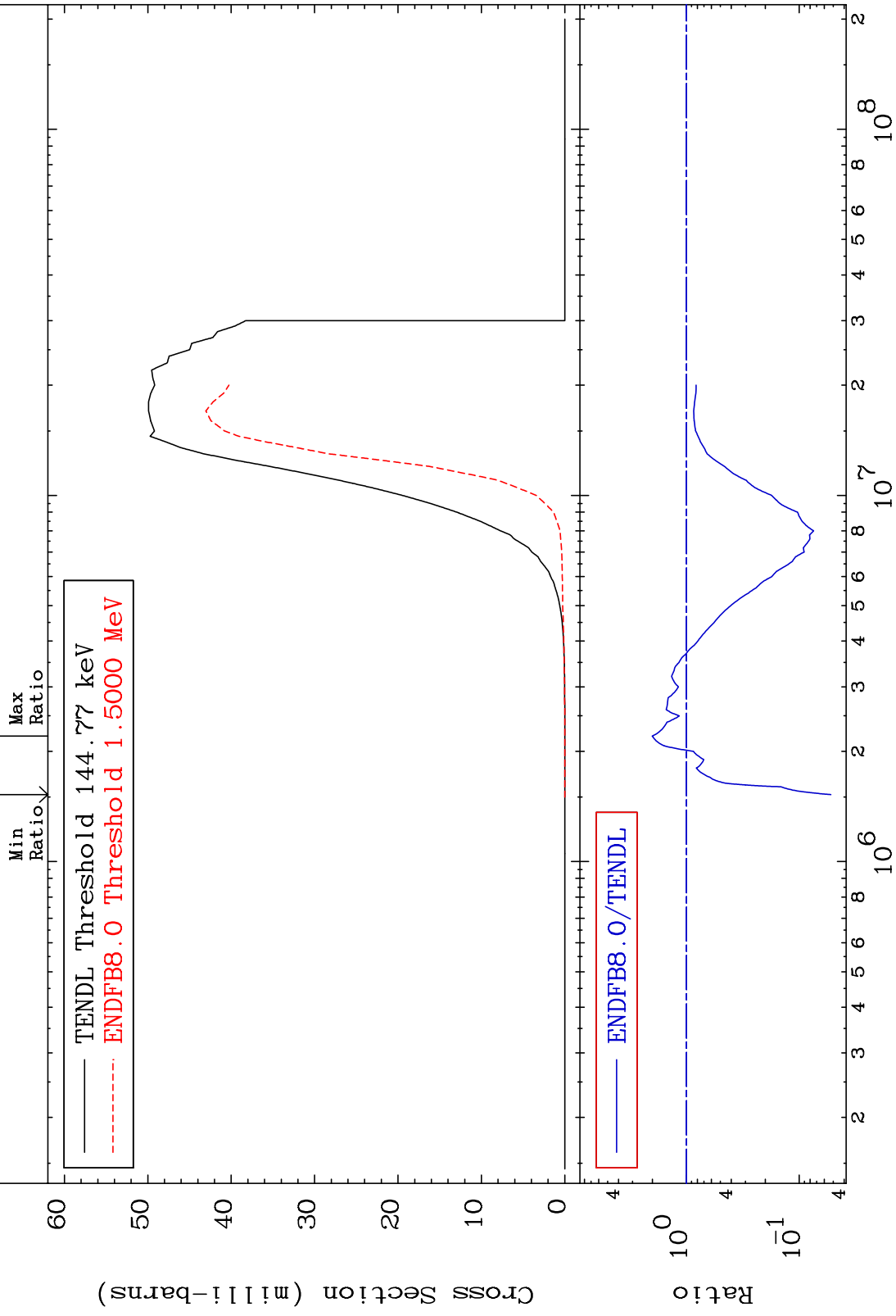
MAT 4234

(n,p)

42-Mo-95

-94.76 To 100.7 %

Cross Section



40

42-Mo-95

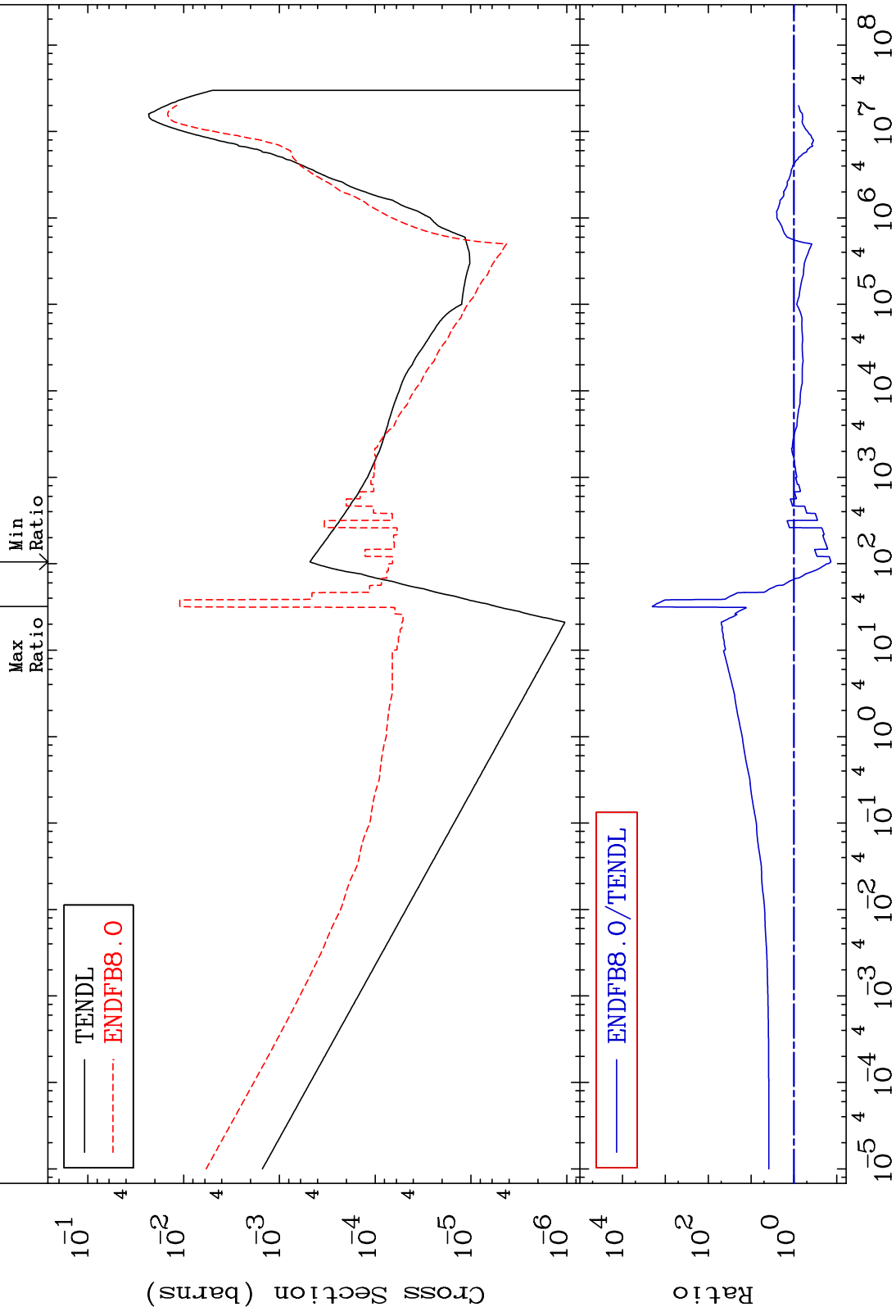
MAT 4234

(n,  $\alpha$ )

42-Mo-95

-86.23 To 9999. %

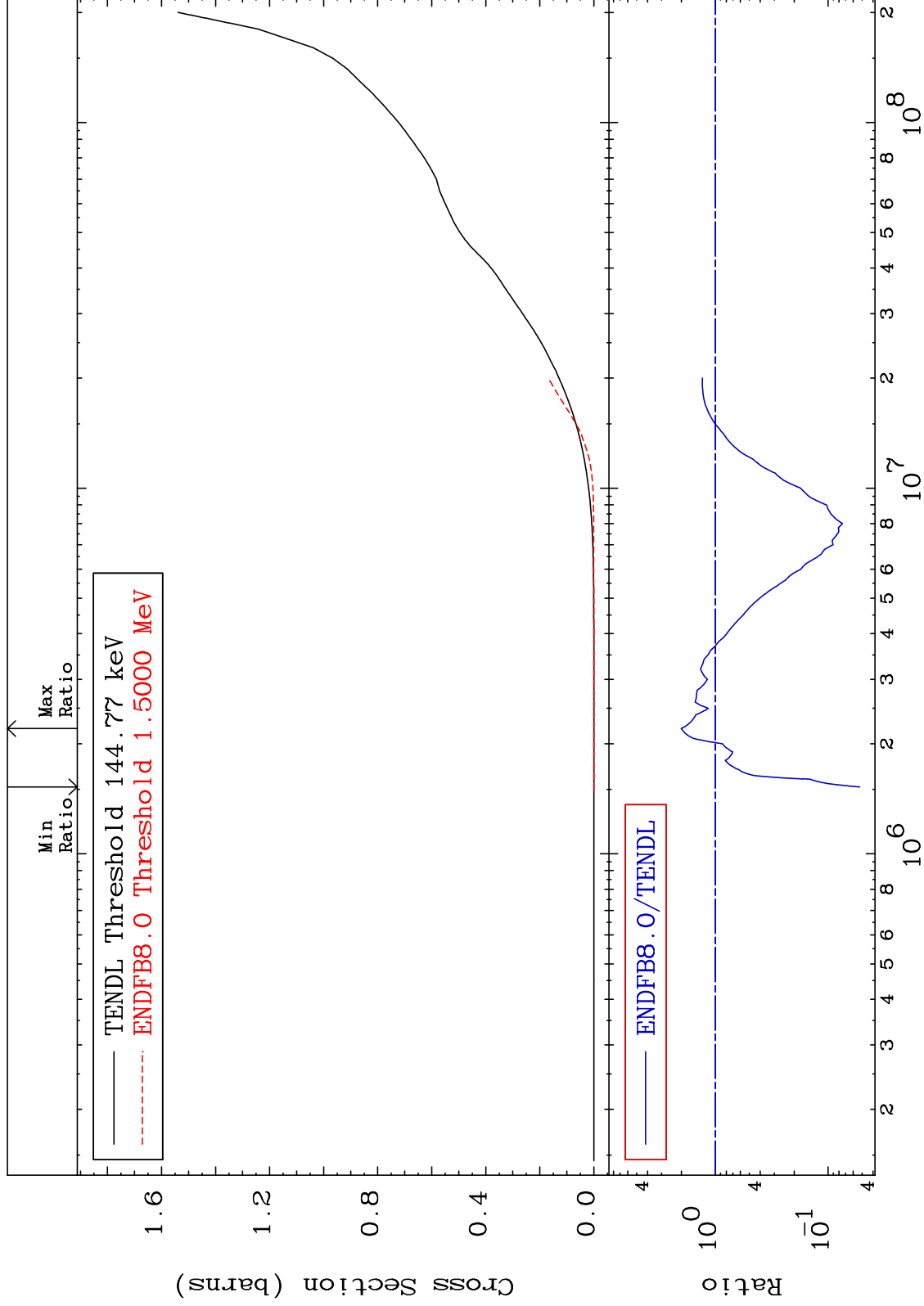
Cross Section



MAT 4234

Hydrogen Production  
Cross Section

42-Mo-95  
-94.76 To 100.7 %



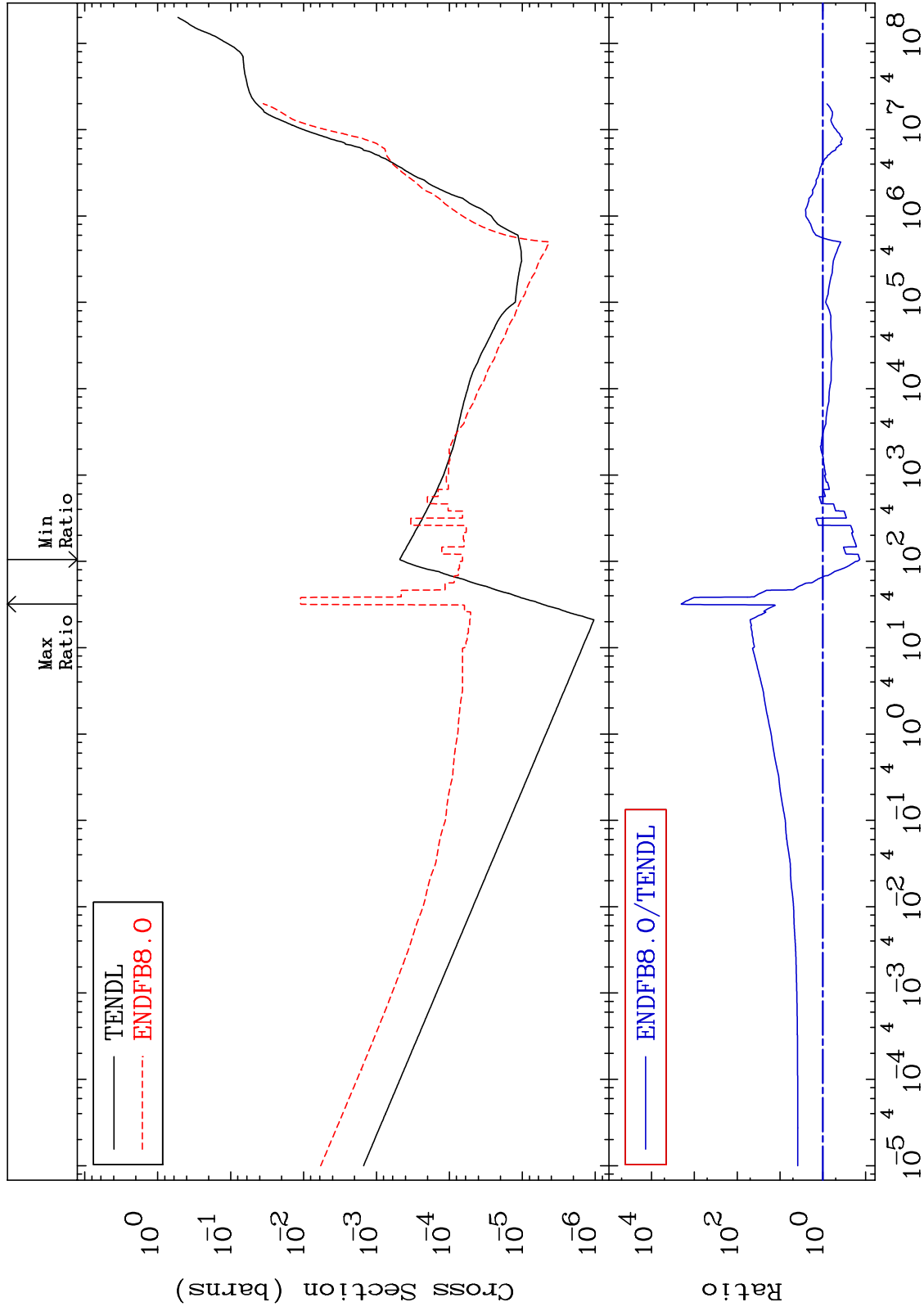
42

42-Mo-95

MAT 4234

He-4 Production  
Cross Section

42-Mo-95  
-86.23 To 9999. %



43

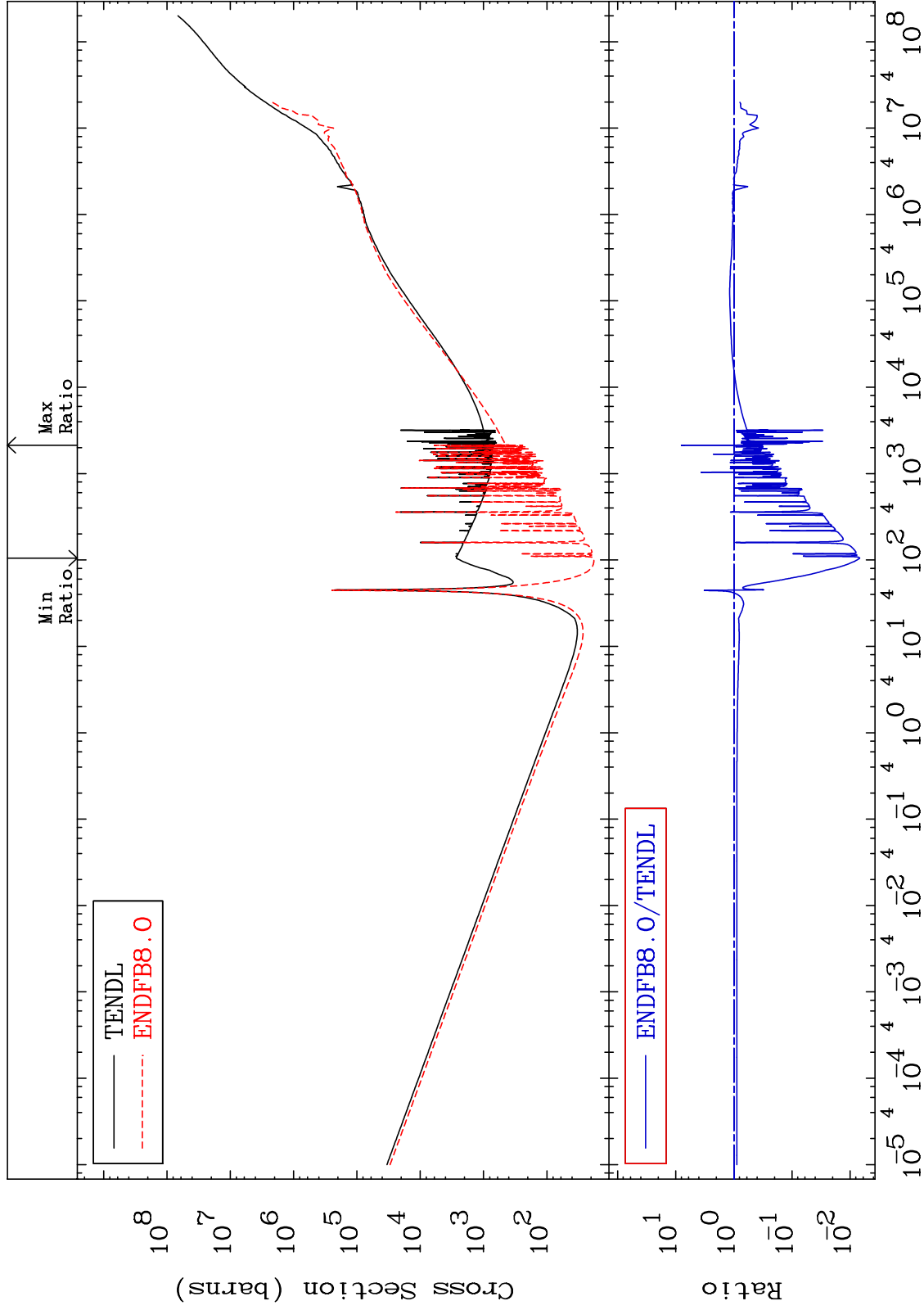
Incident Energy (eV)

42-Mo-95

MAT 4234

Kerma total (eV-barns)  
Cross Section

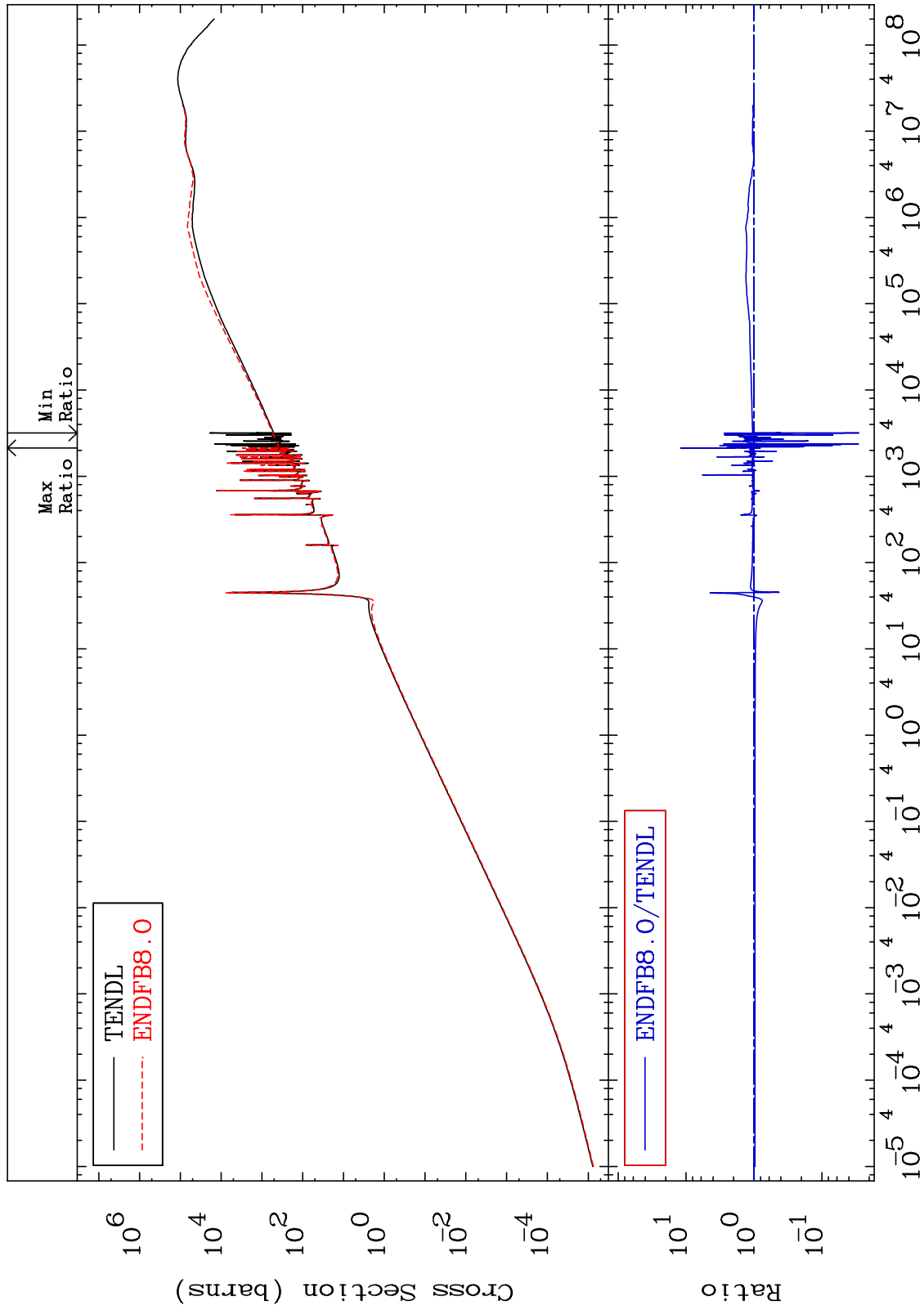
42-Mo-95  
-99.31 To 703.9 %



MAT 4234

Kerma elastic  
Cross Section

42-Mo-95  
-97.17 To 1102. %

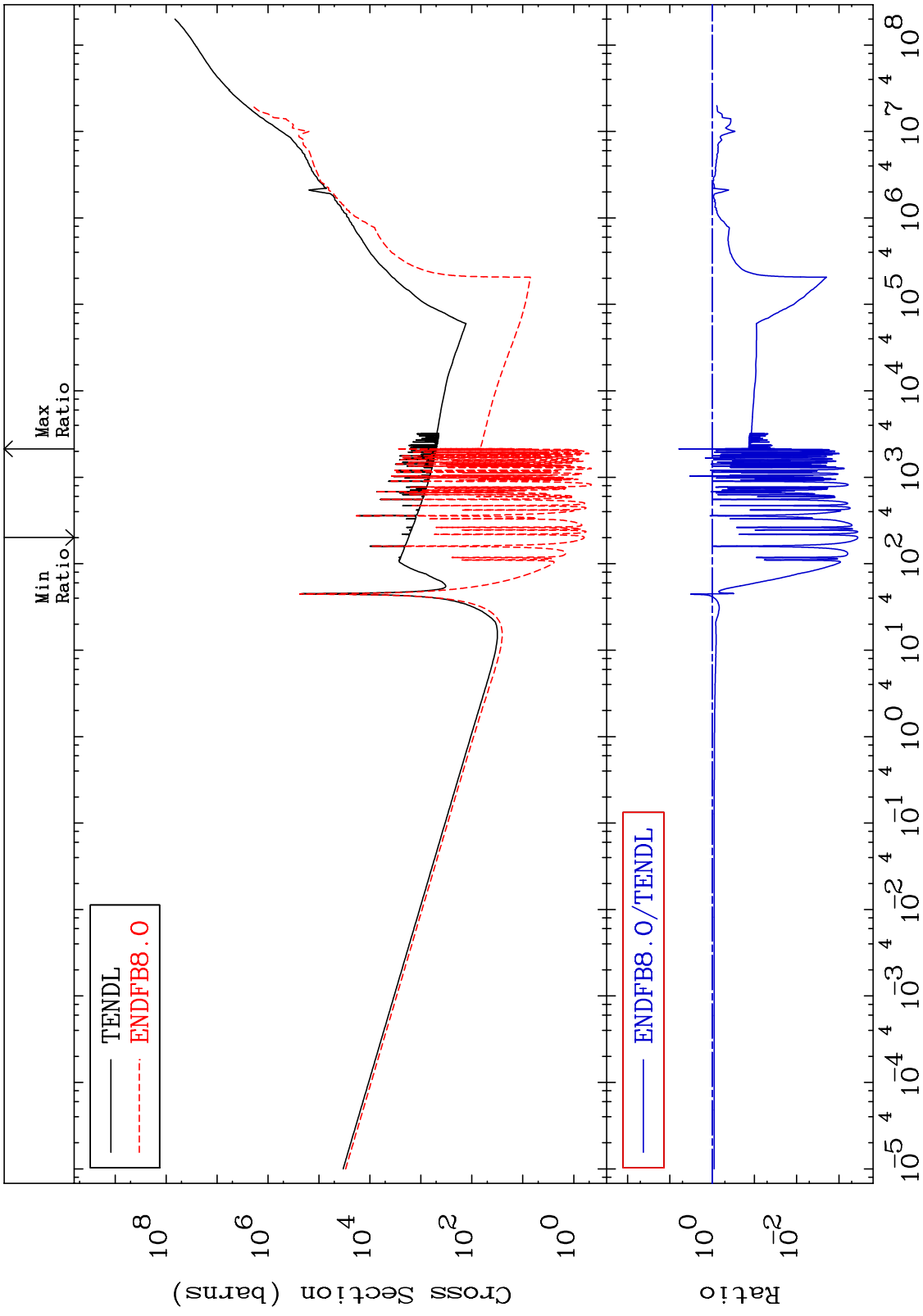


45

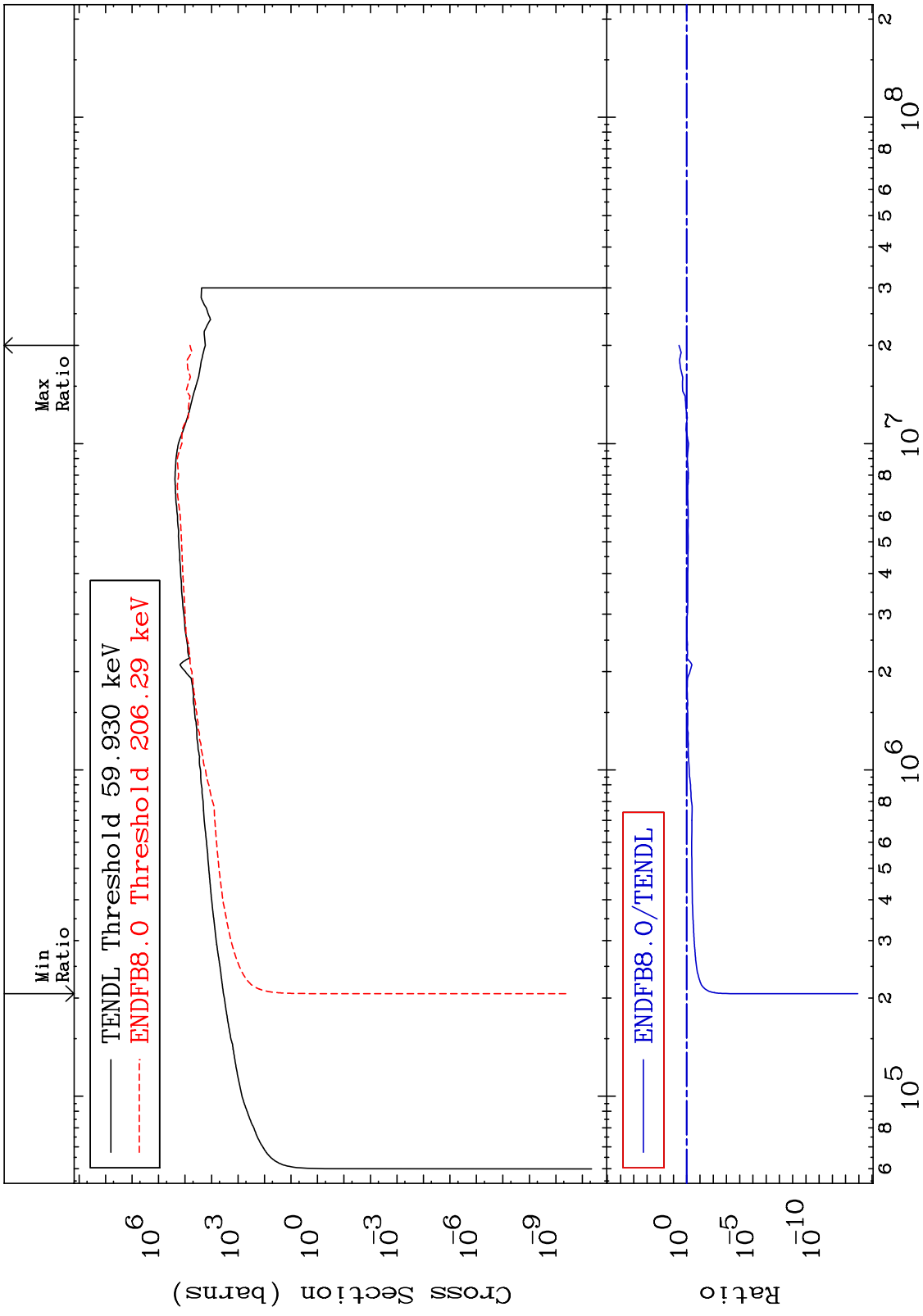
Incident Energy (eV)

42-Mo-95

MAT 4234 Kerma non-elastic (all but mt2) 42-Mo-95  
 Cross Section -99.96 To 505.6 %



MAT 4234 Kerma inelastic (mt51-91) 42-Mo-95  
 Cross Section -100.0 To 280.2 %

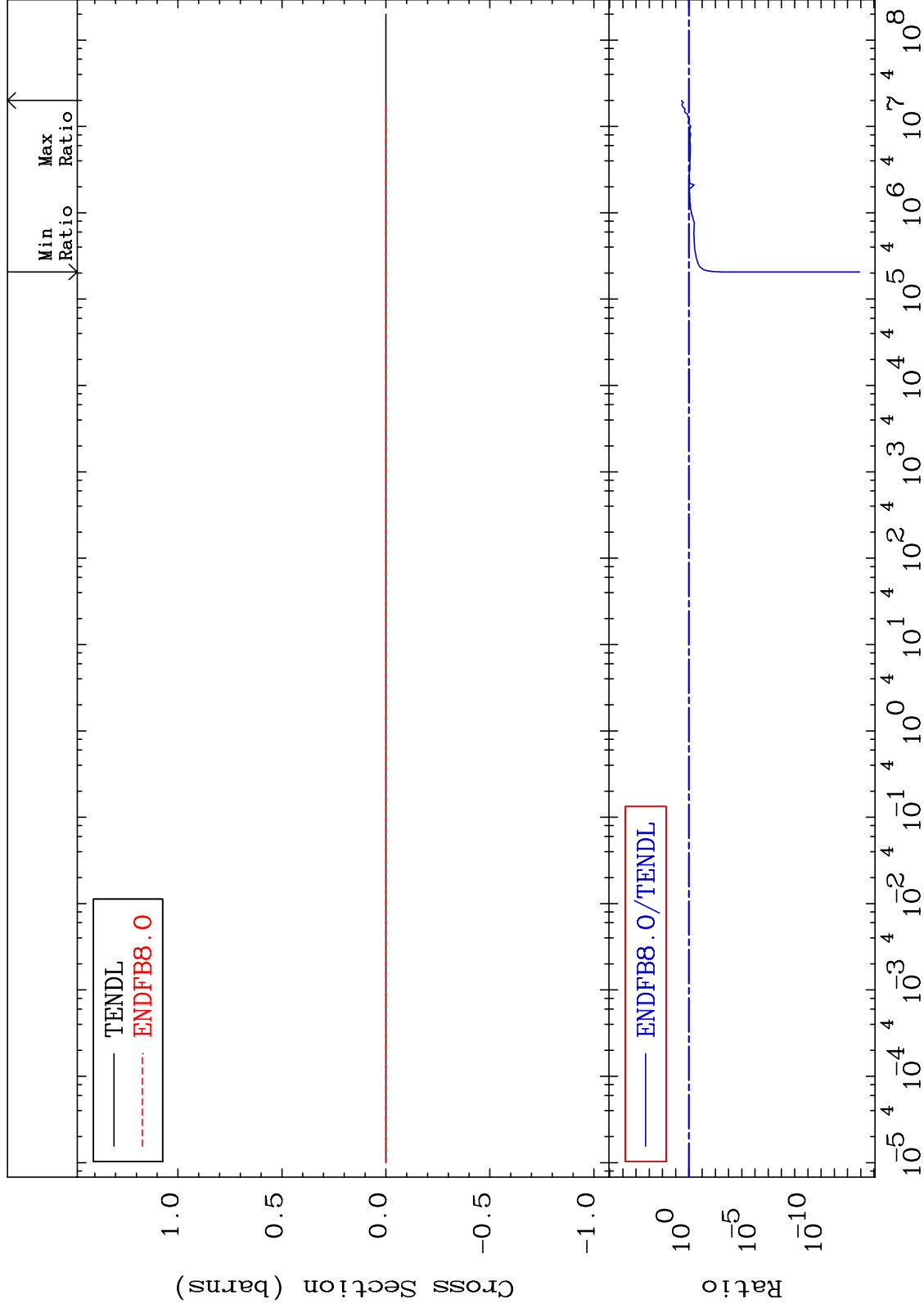




MAT 4234

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

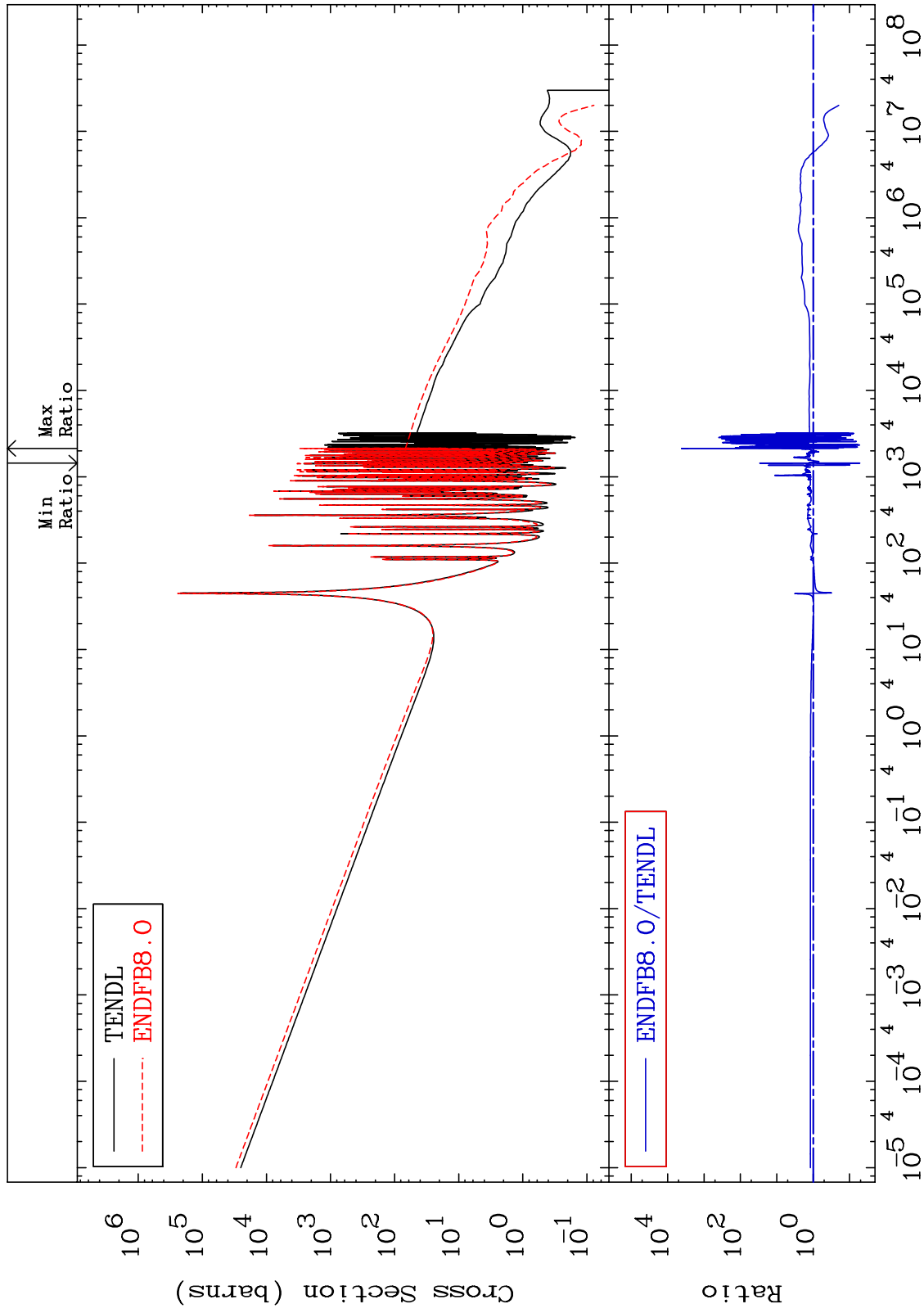
42-Mo-95  
-100.0 To 280.2 %



MAT 4234

Kerma capture (mt102)  
Cross Section

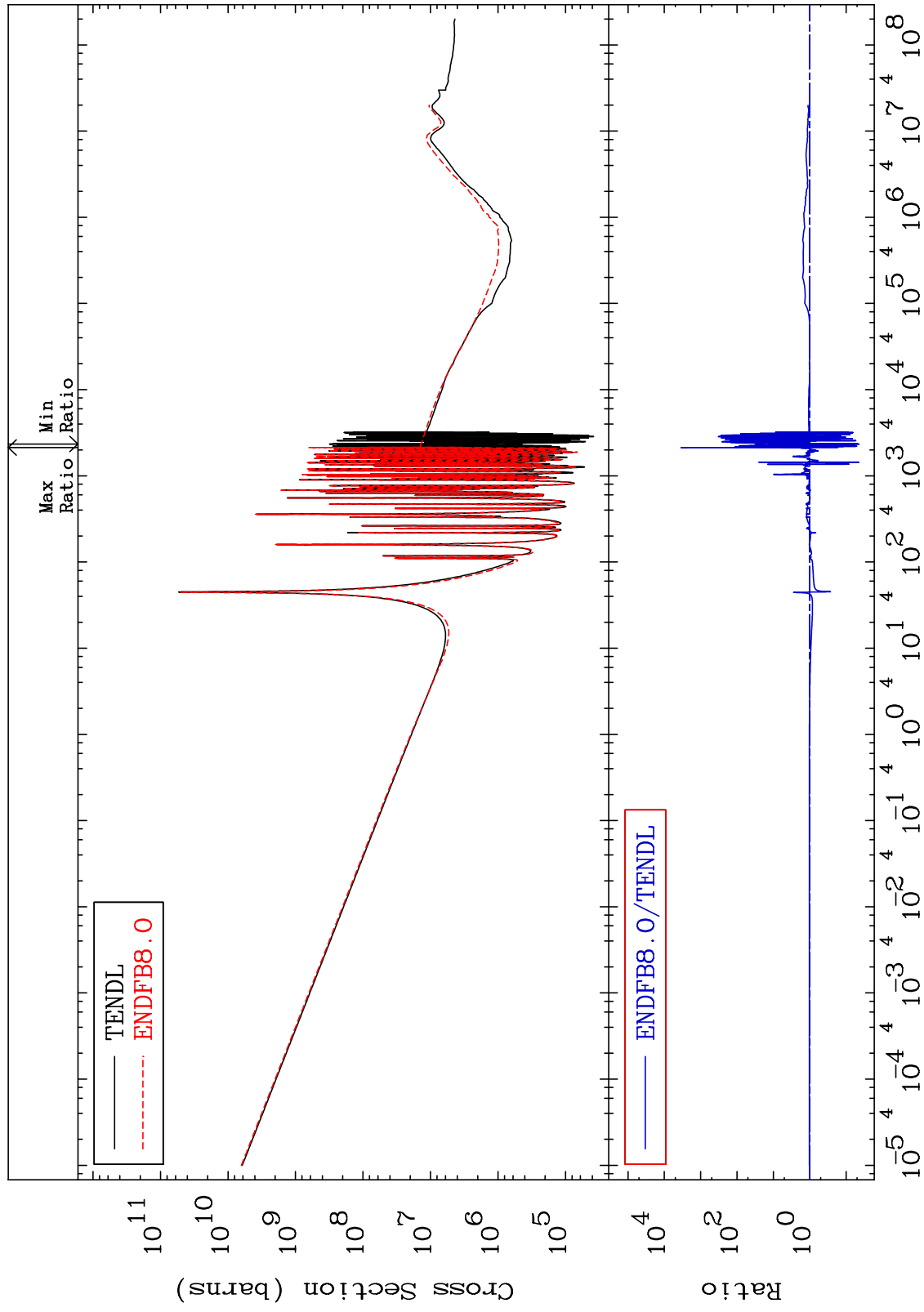
42-Mo-95  
-94.77 To 9999. %



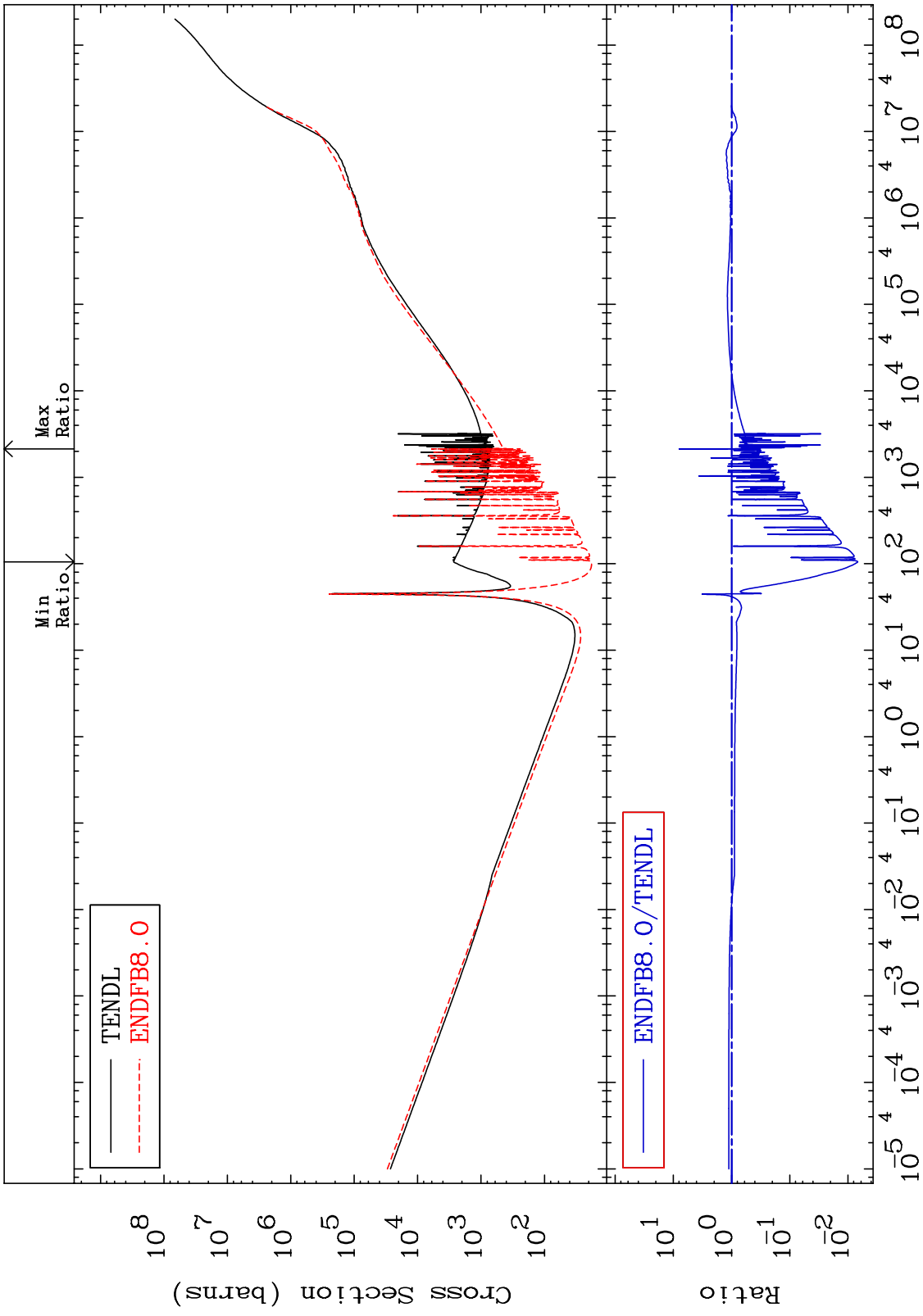
MAT 4234

Total photon (eV-barns)  
Cross Section

42-Mo-95  
-95.60 To 9999. %



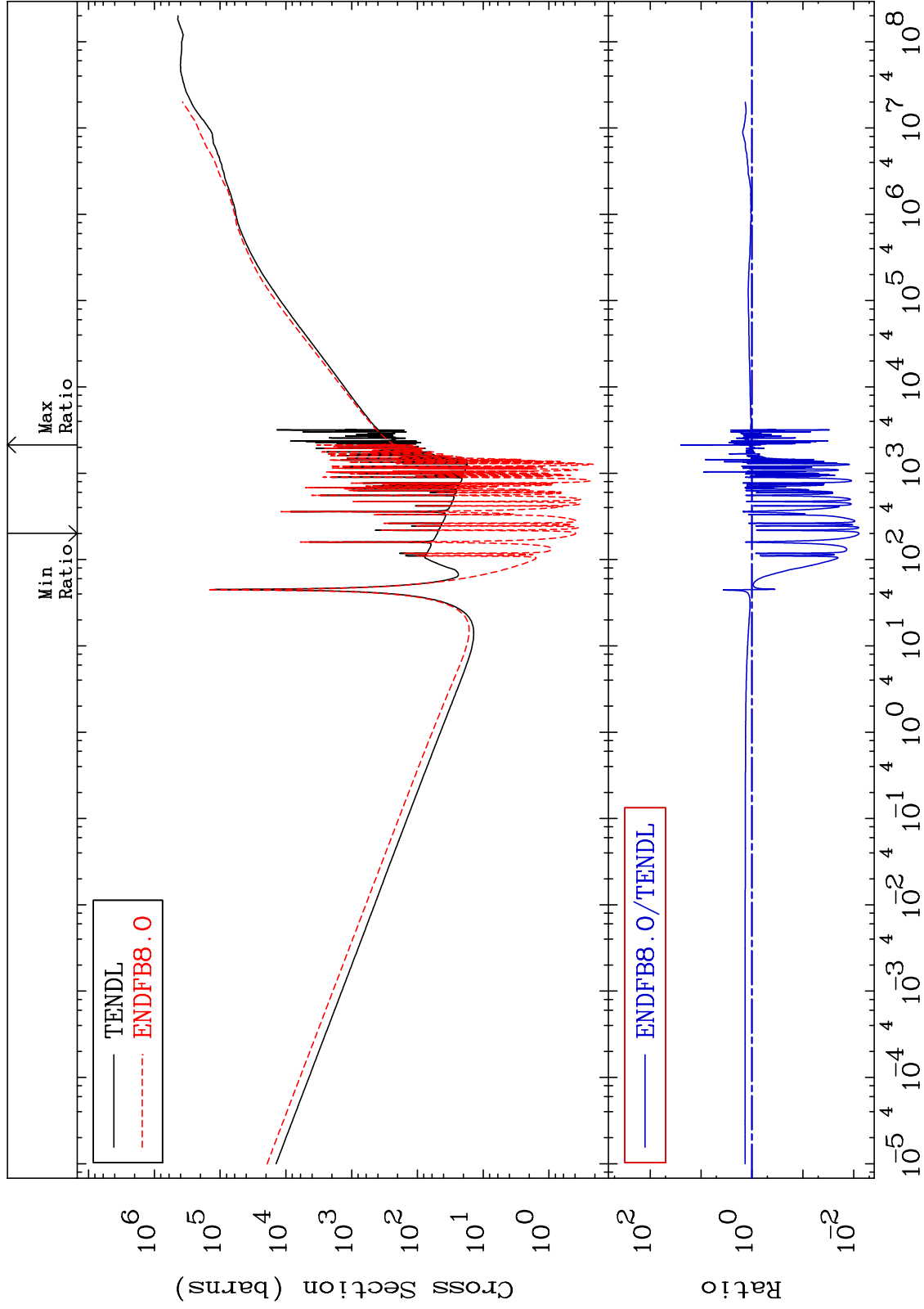
MAT 4234 Total kinematic kerma (high limit) 42-Mo-95  
 Cross Section -99.32 To 699.0 %

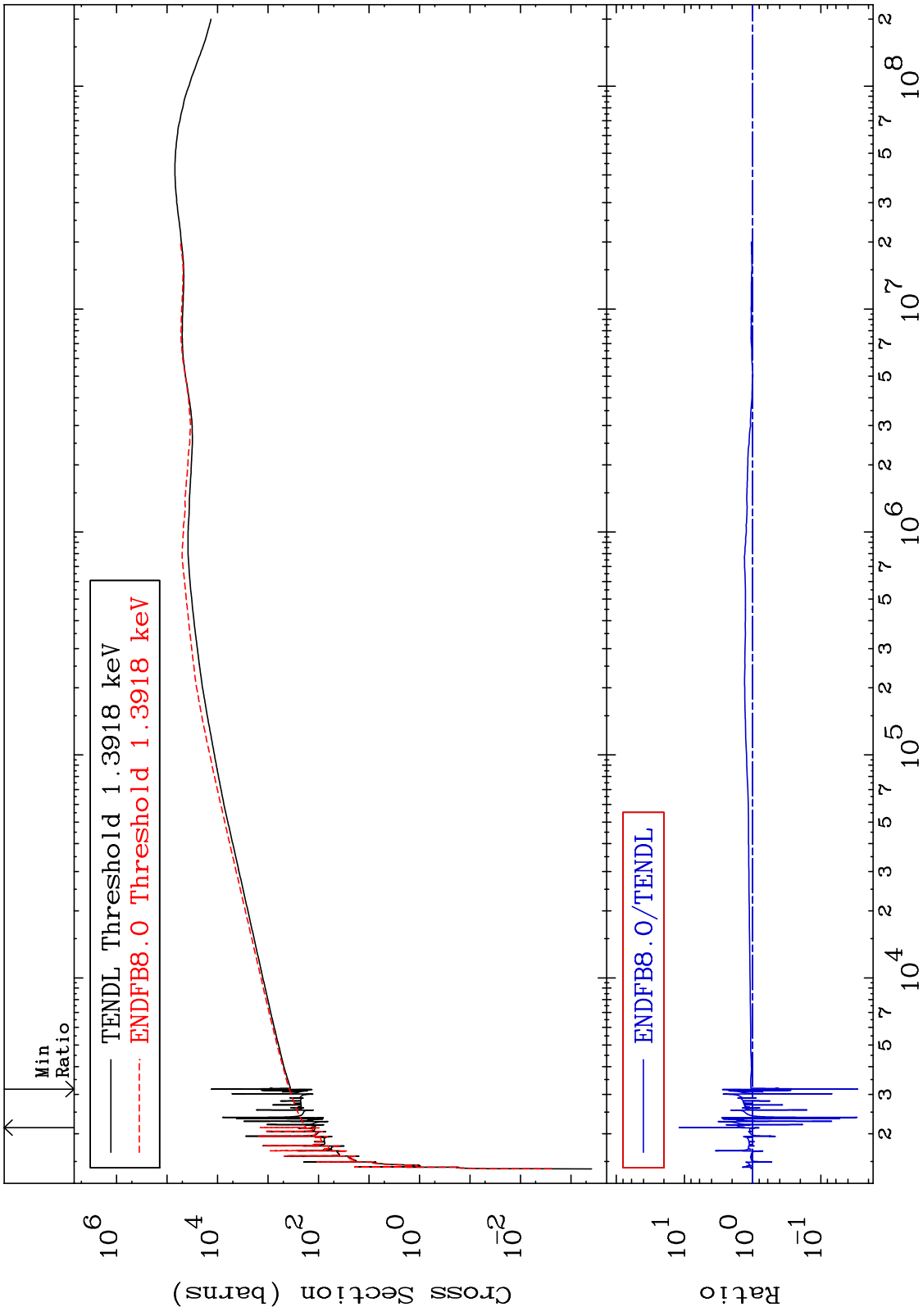


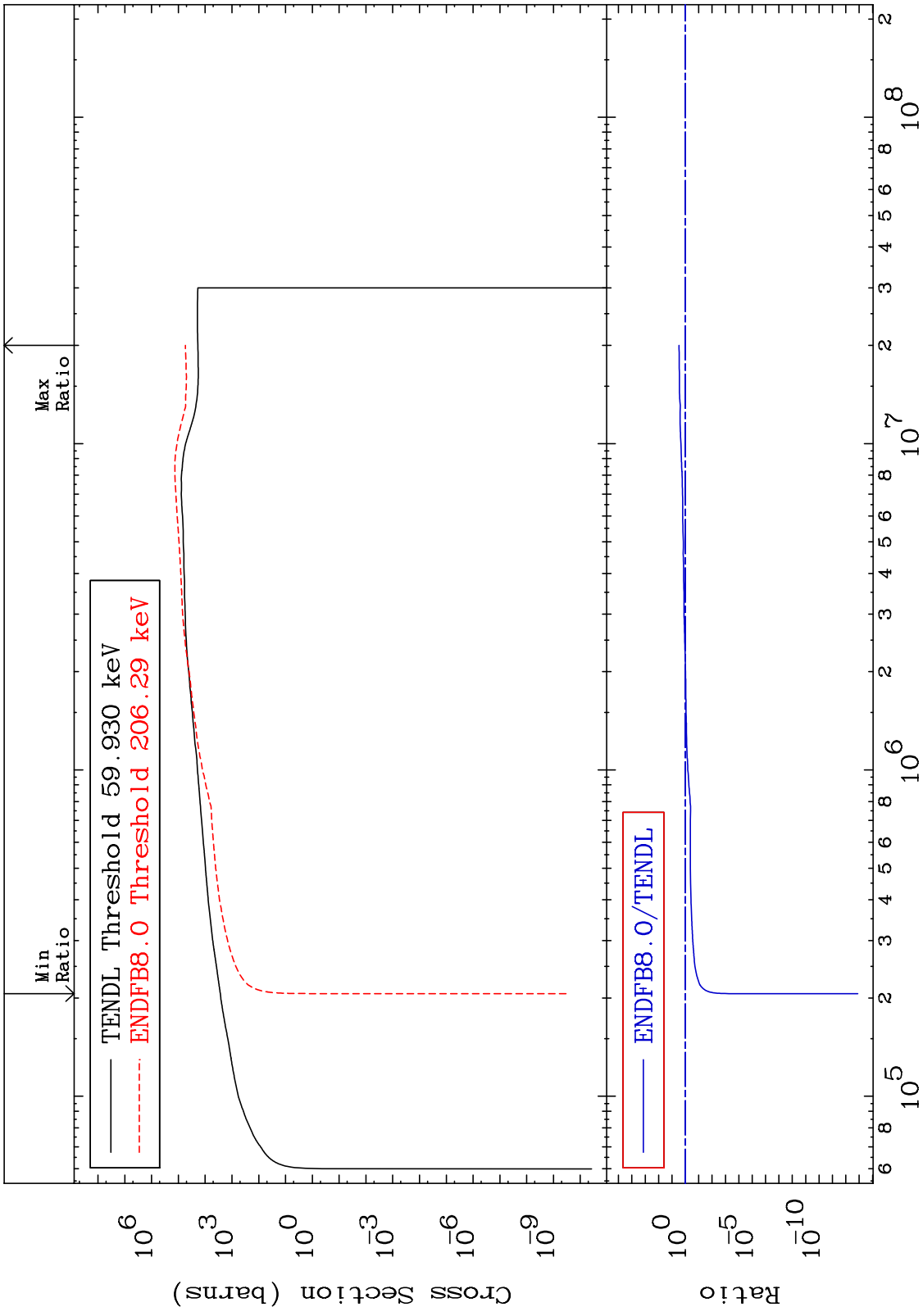
MAT 4234

Dpa total (eV-barns)  
Cross Section

42-Mo-95  
-99.21 To 2419. %







MAT 4234

Dpa disappearance (mt102 -120)  
Cross Section

42-Mo-95  
-99.21 To 9999. %

