

Program Complot
(Version 2018-1)

by

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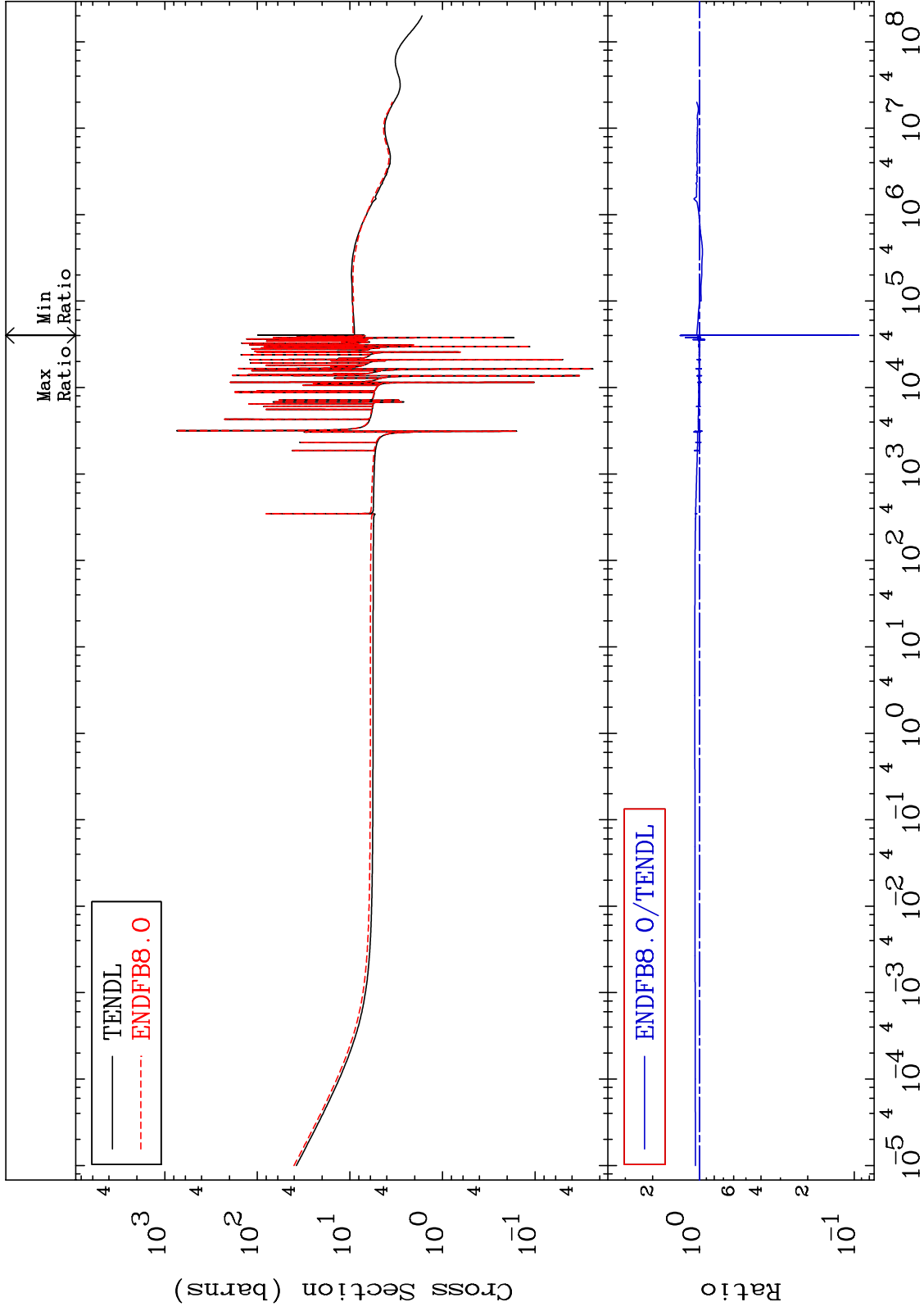
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4225

Total
Cross Section

42-Mo-92
-90.66 To 32.81 %



1

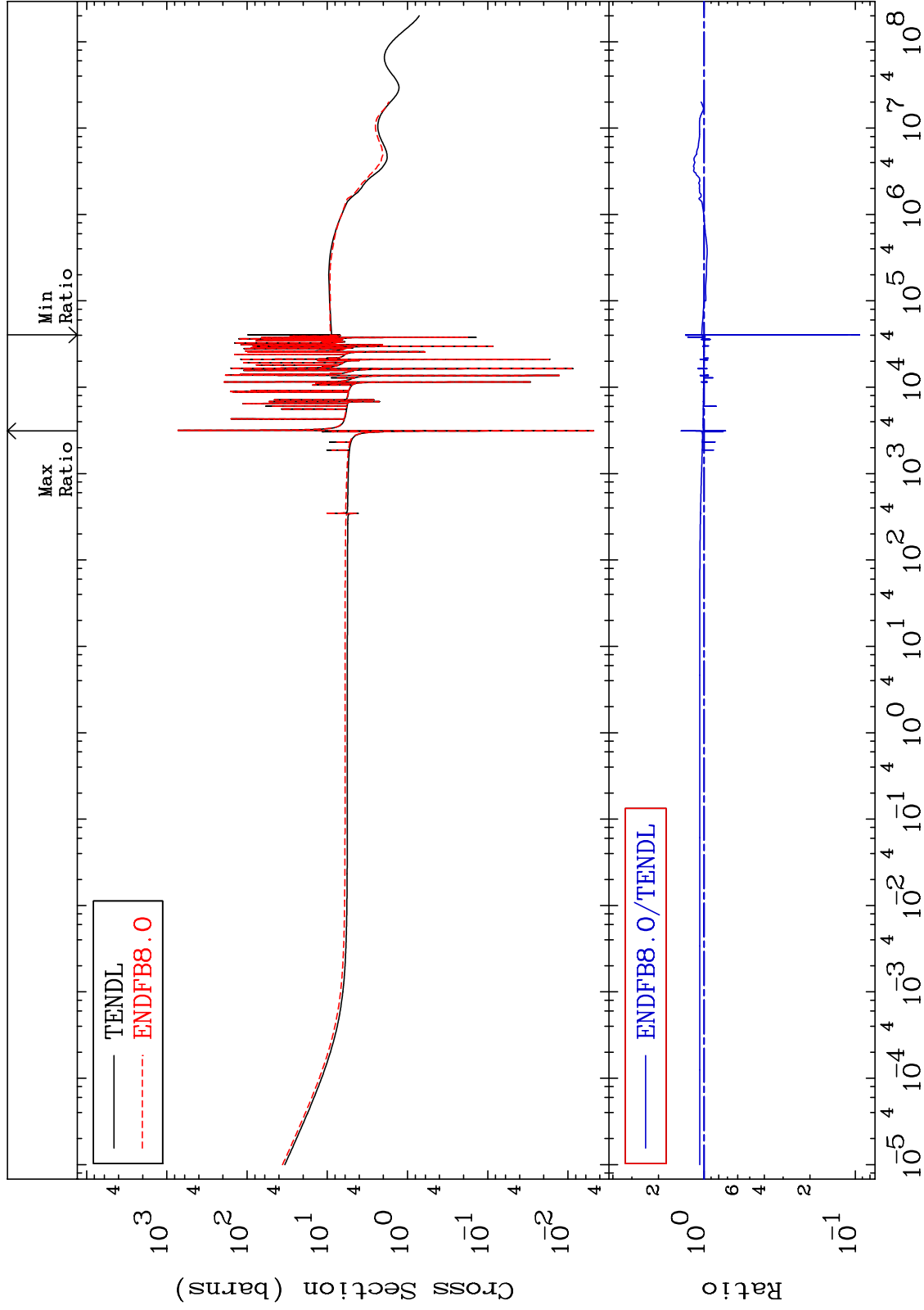
Incident Energy (eV)

42-Mo-92

MAT 4225

Elastic
Cross Section

42-Mo-92
-90.64 To 41.52 %

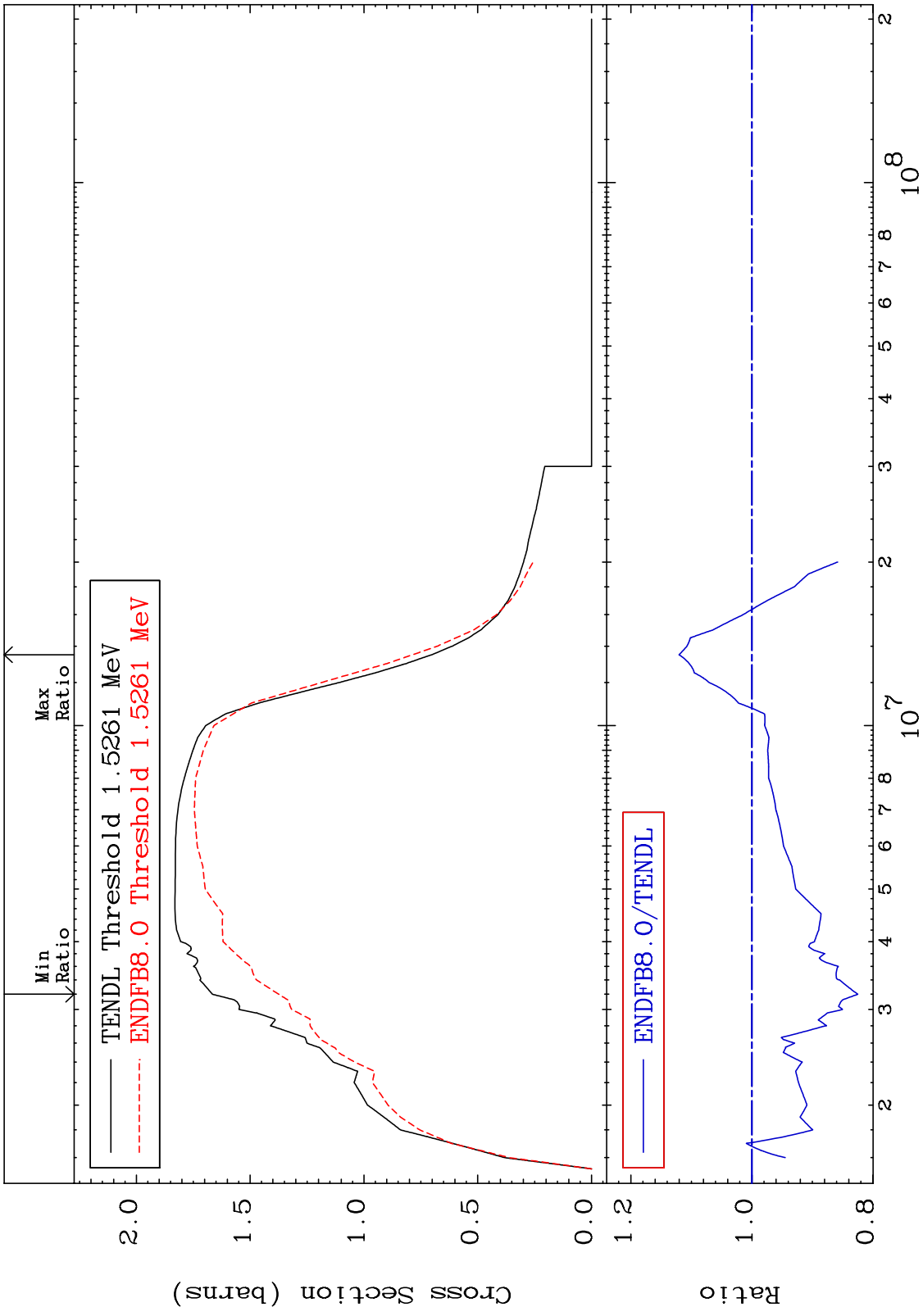


2

Incident Energy (eV)

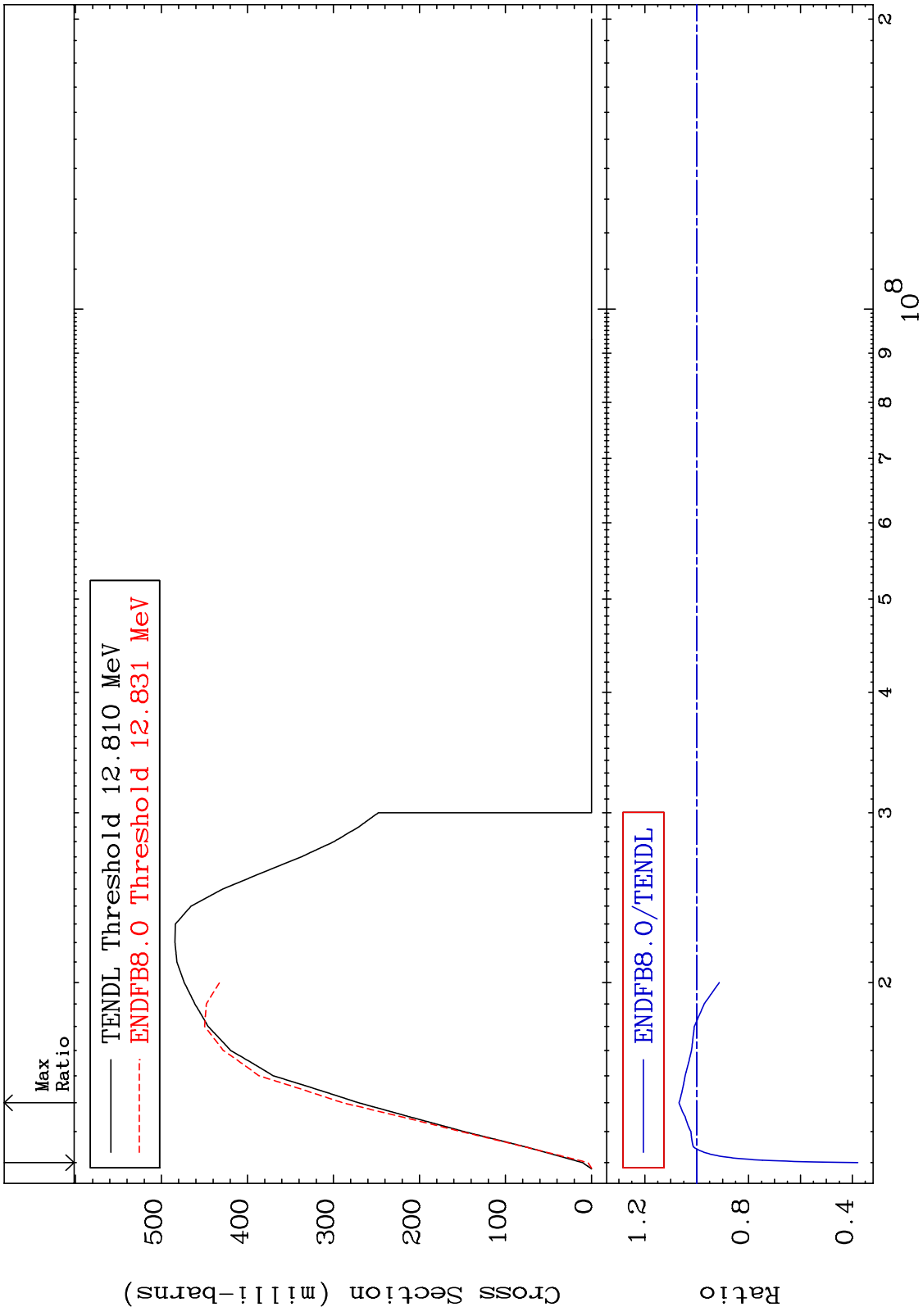
42-Mo-92

MAT 4225 Inelastic Cross Section 42-Mo-92 -17.50 To 12.04 %

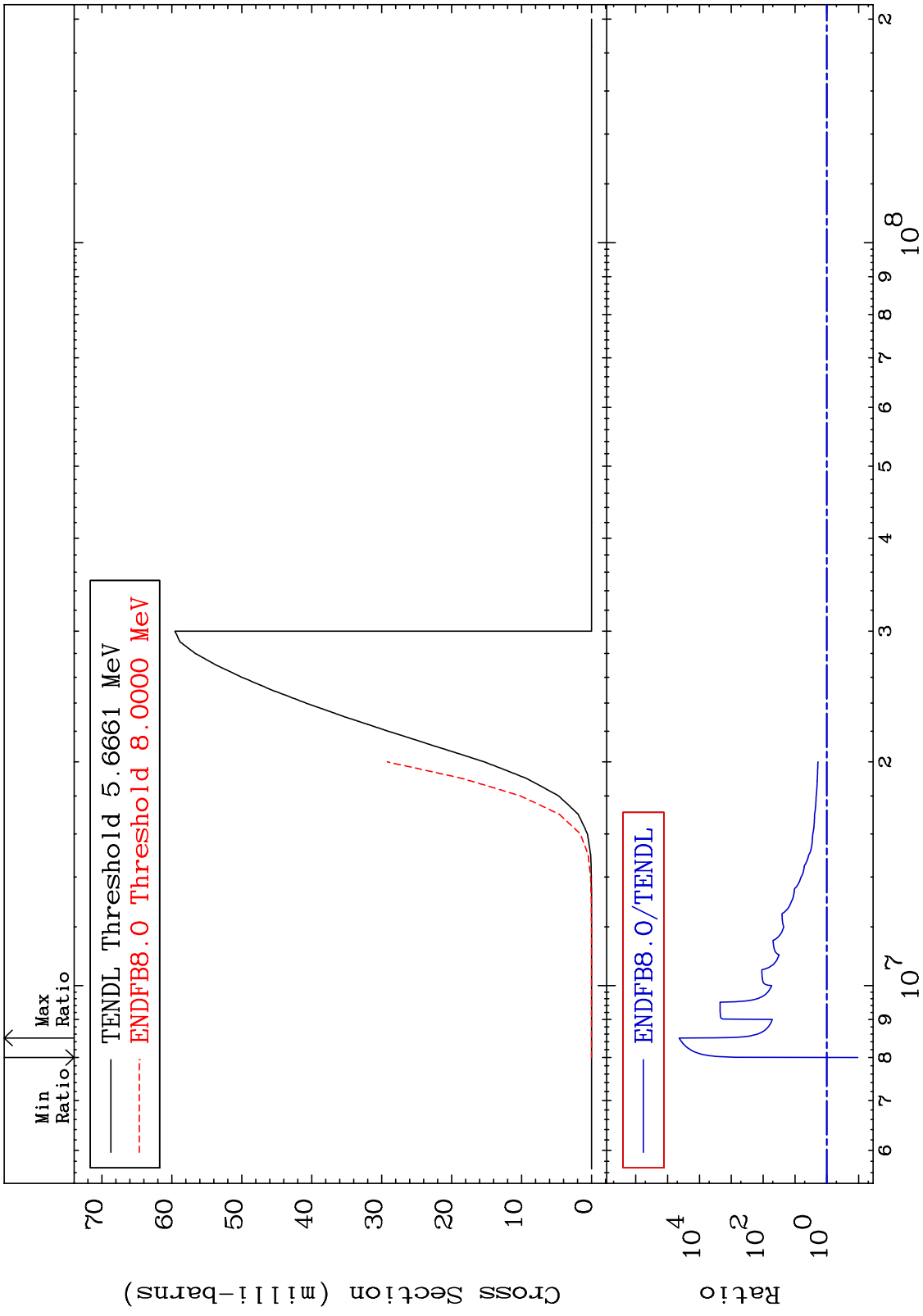


3 42-Mo-92

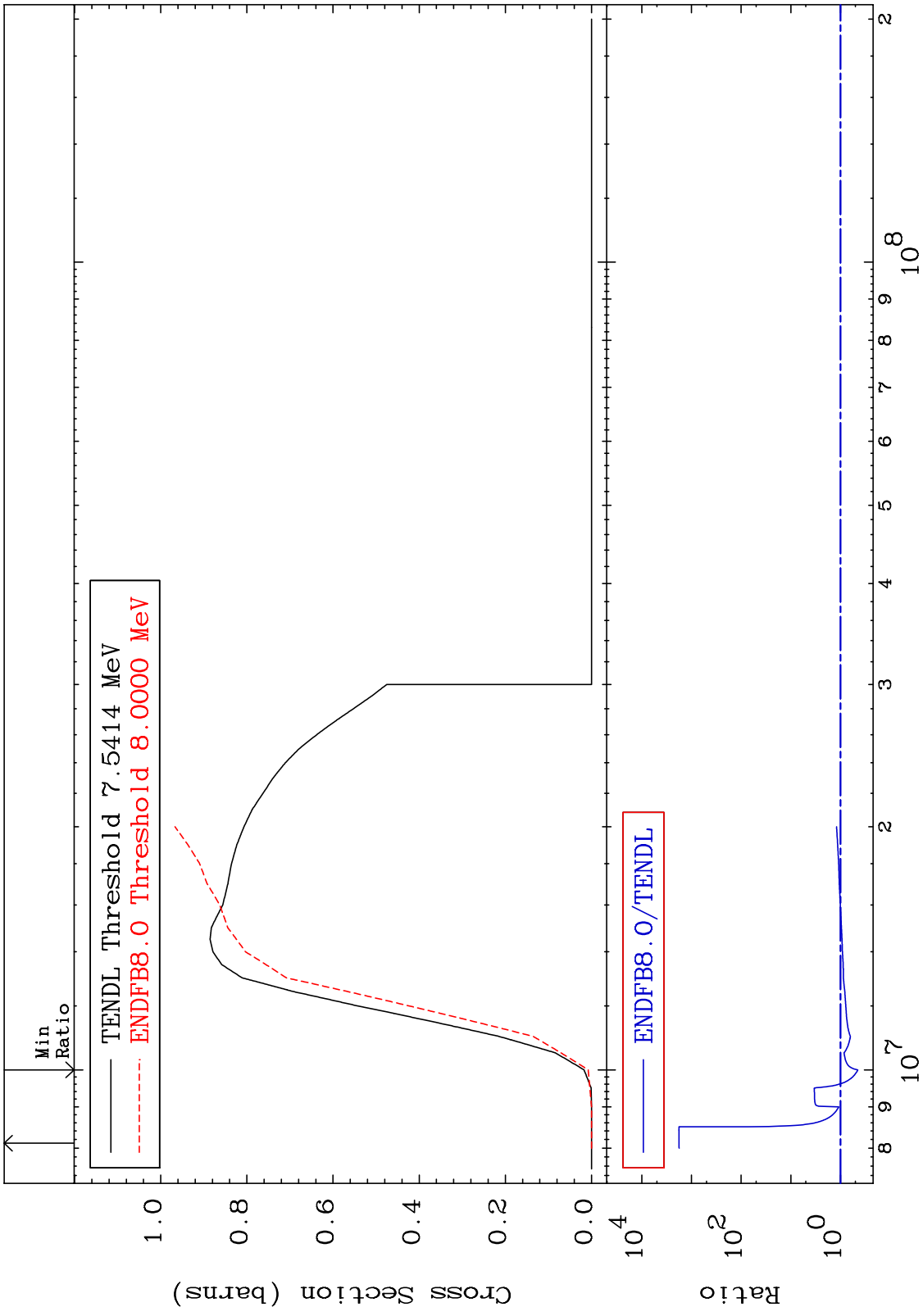
MAT 4225 (n,2n) Cross Section 42-Mo-92 -62.14 To 6.807 %



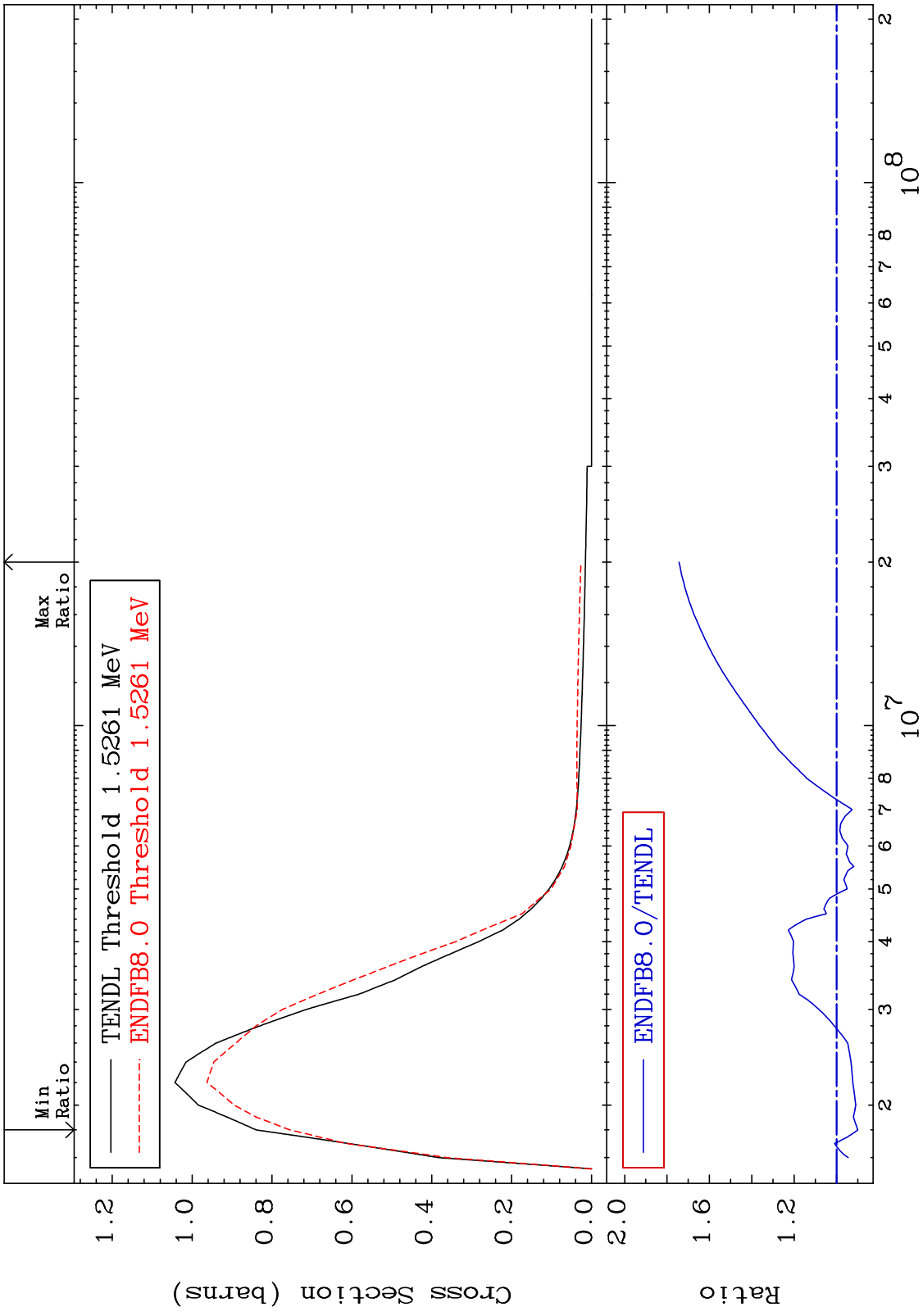
MAT 4225 (n,n') α 42-Mo-92
 Cross Section -89.37 To 9999. %



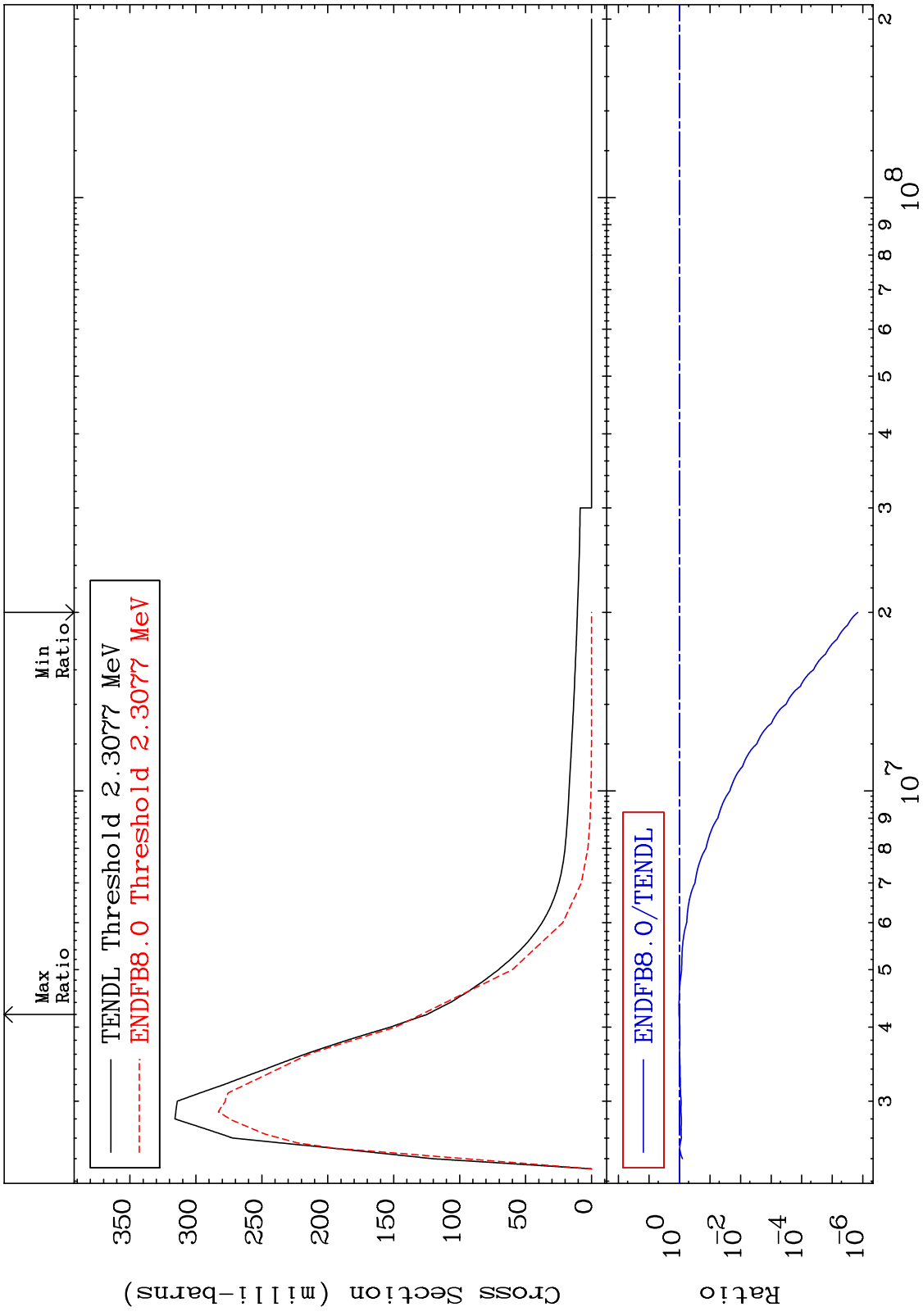
MAT 4225 (n,n') p Cross Section 42-Mo-92 -55.33 To 9999. %



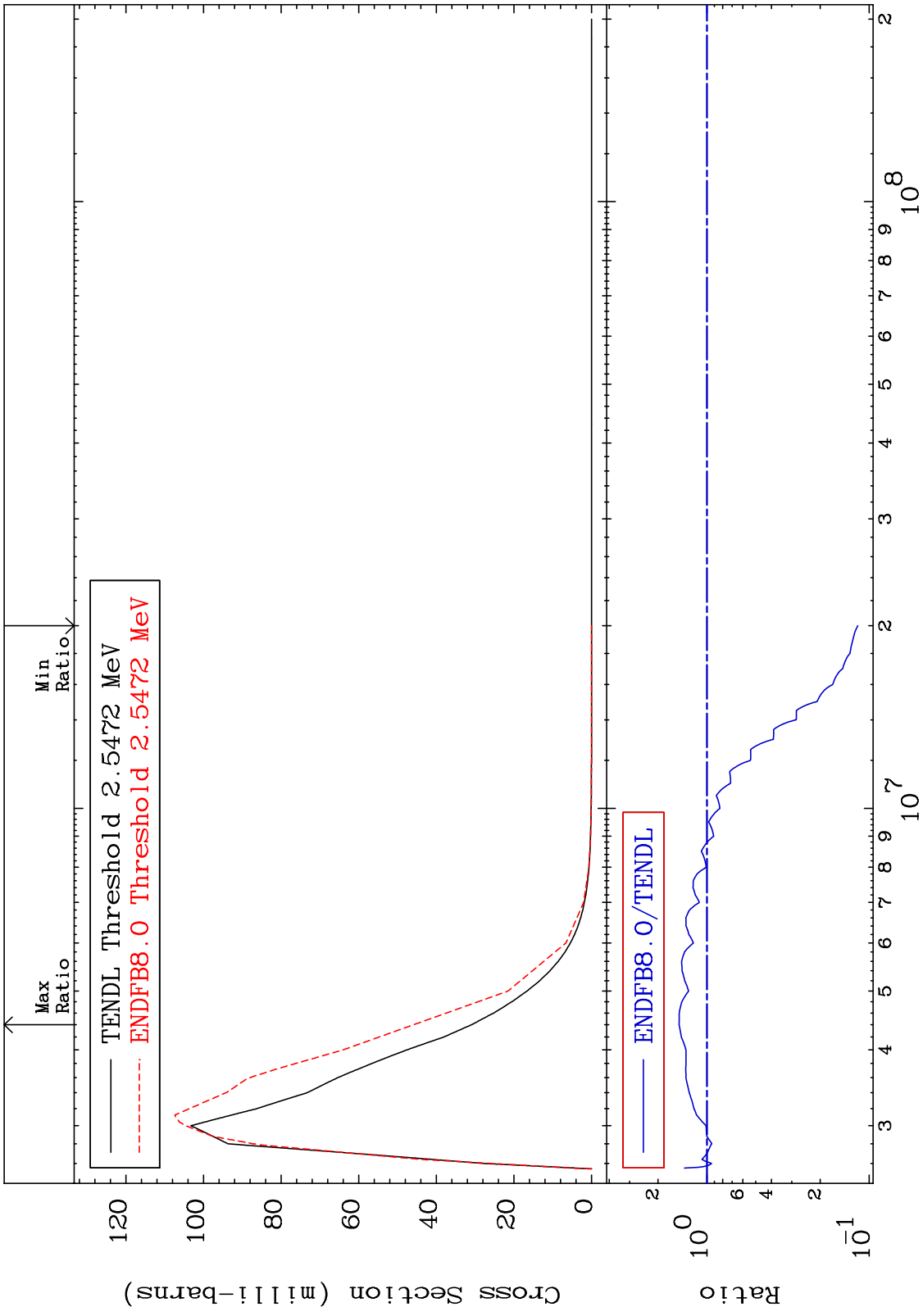
MAT 4225 MT= 51 (n,n') Level Cross Section -10.06 To 74.33 % 42-Mo-92



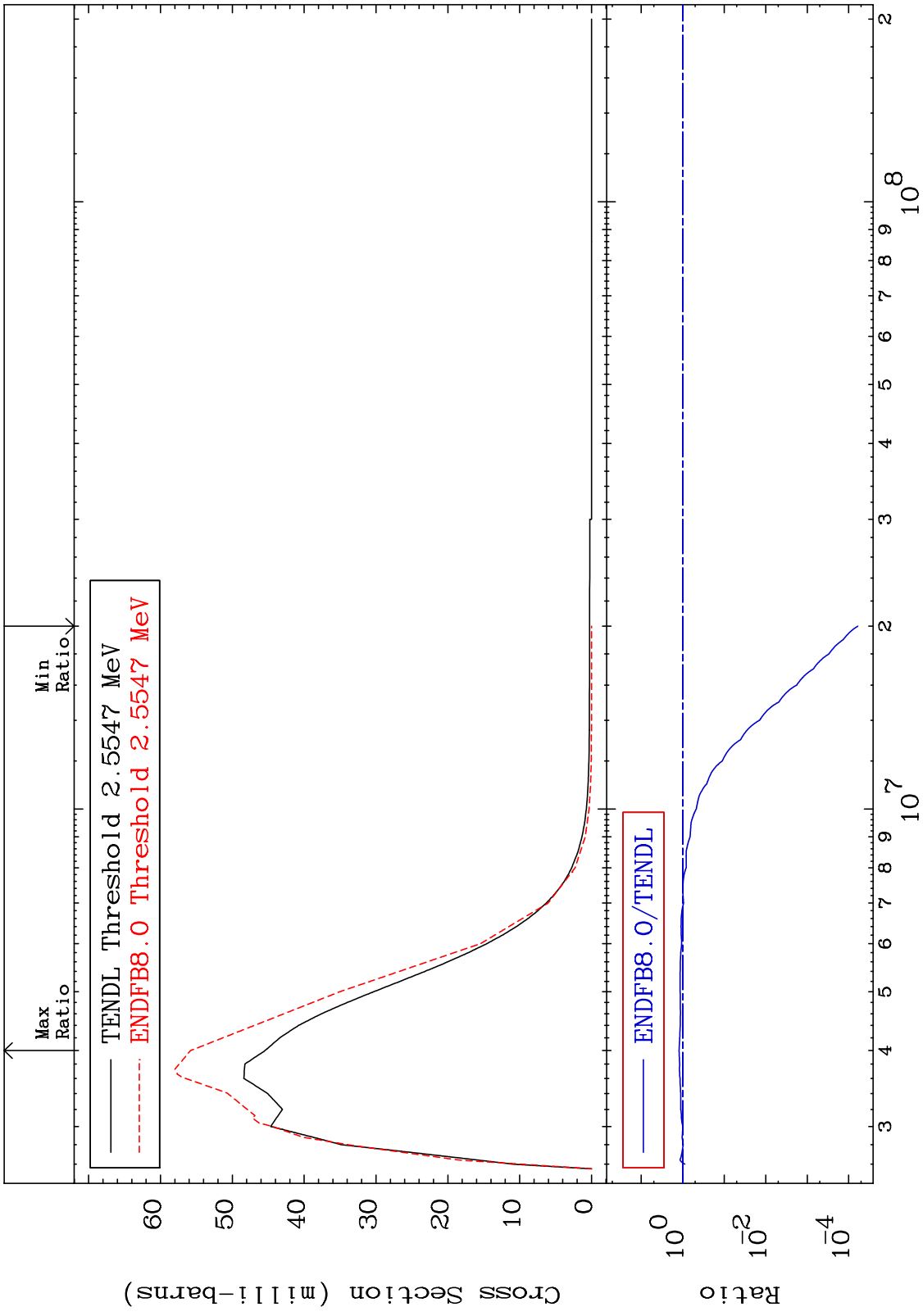
MAT 4225 MT= 52 (n,n') Level Cross Section -100.0 To 3.484 % 42-Mo-92



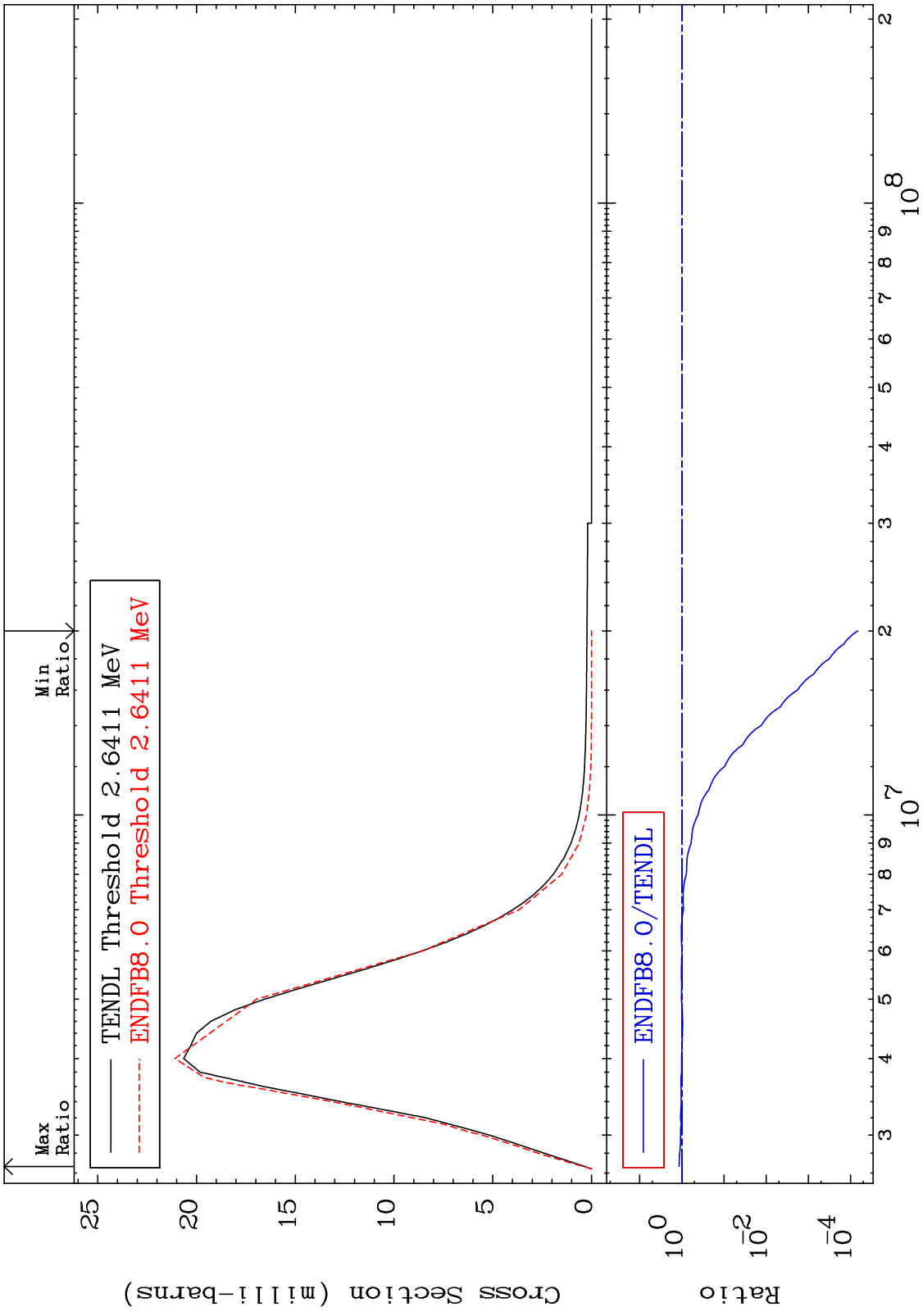
MAT 4225 MT= 53 (n,n') Level Cross Section -88.26 To 48.47 % 42-Mo-92



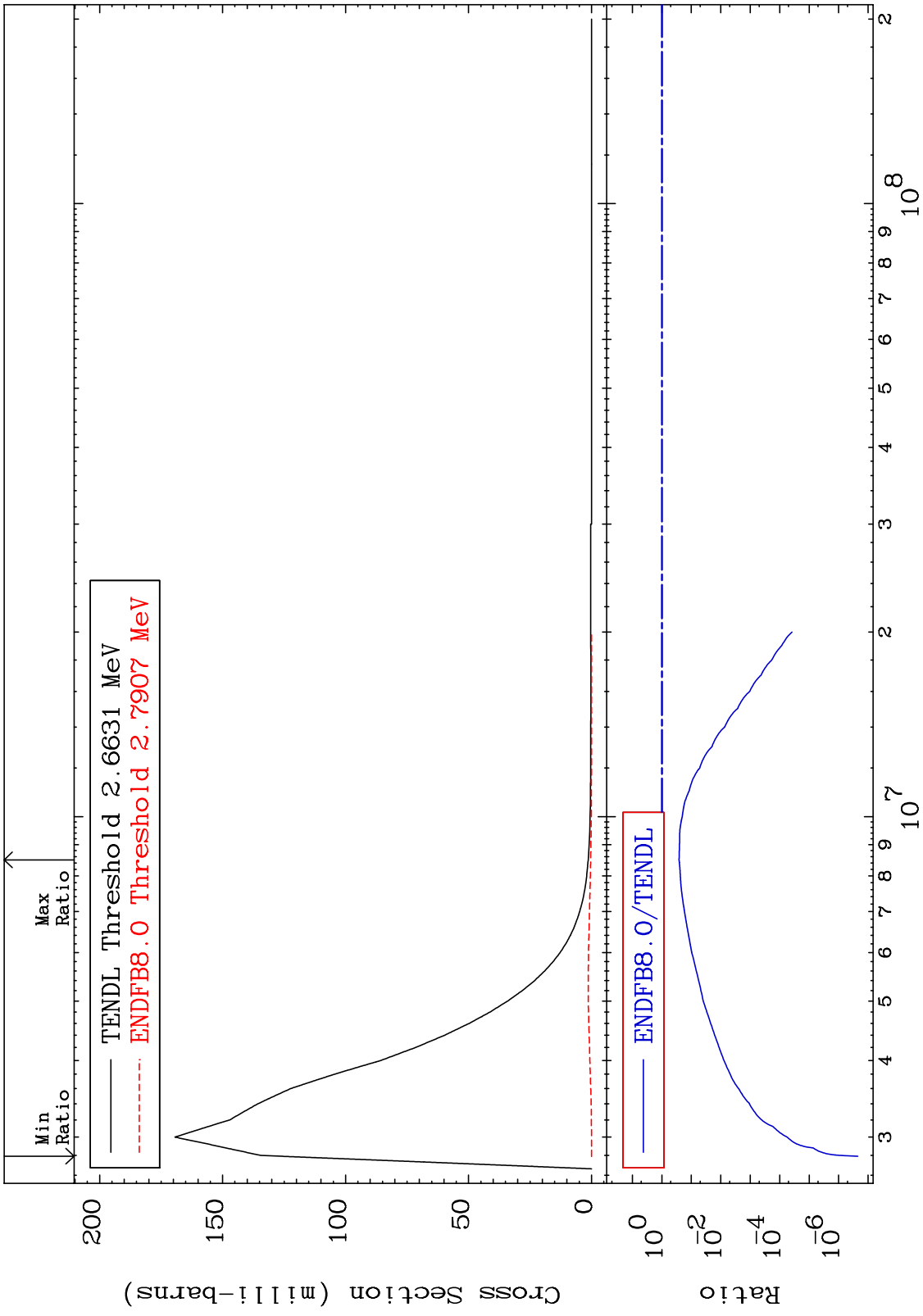
MAT 4225 MT= 54 (n,n') Level Cross Section 42-Mo-92
 -99.99 To 22.83 %



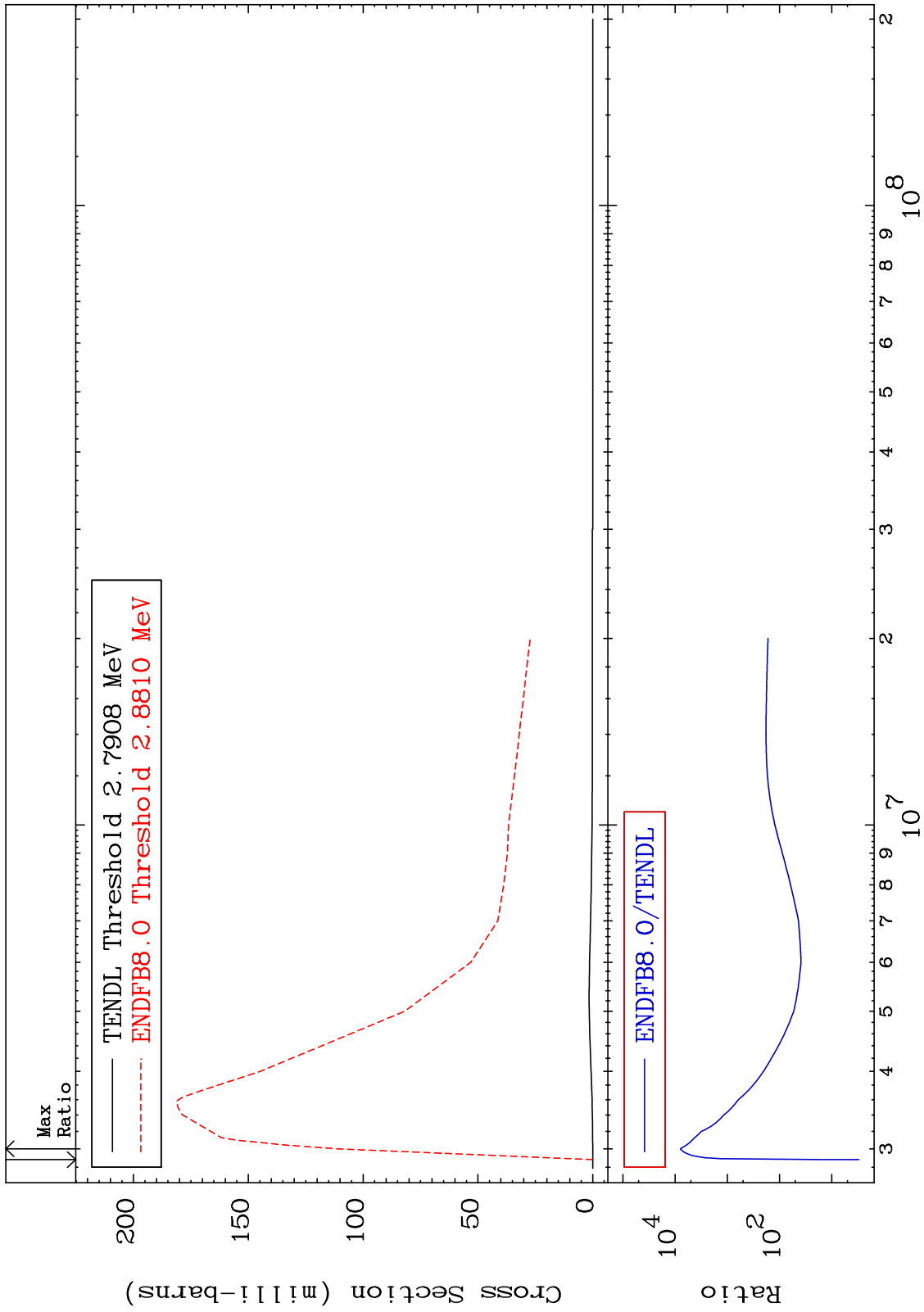
MAT 4225 MT= 55 (n,n') Level Cross Section 42-Mo-92
 -99.99 To 16.76 %



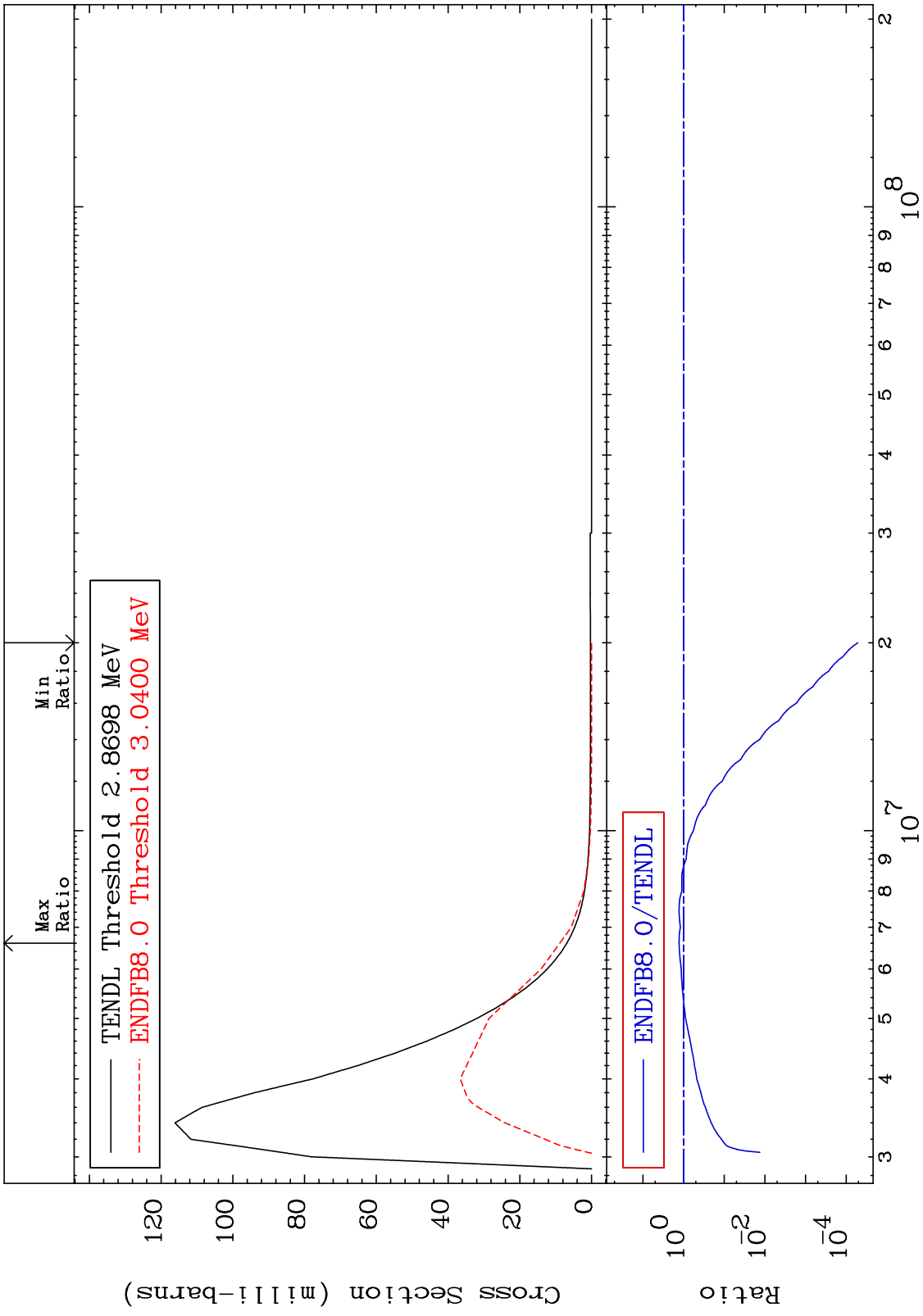
MAT 4225 MT= 56 (n,n') Level Cross Section -100.0 To -73.91% 42-Mo-92



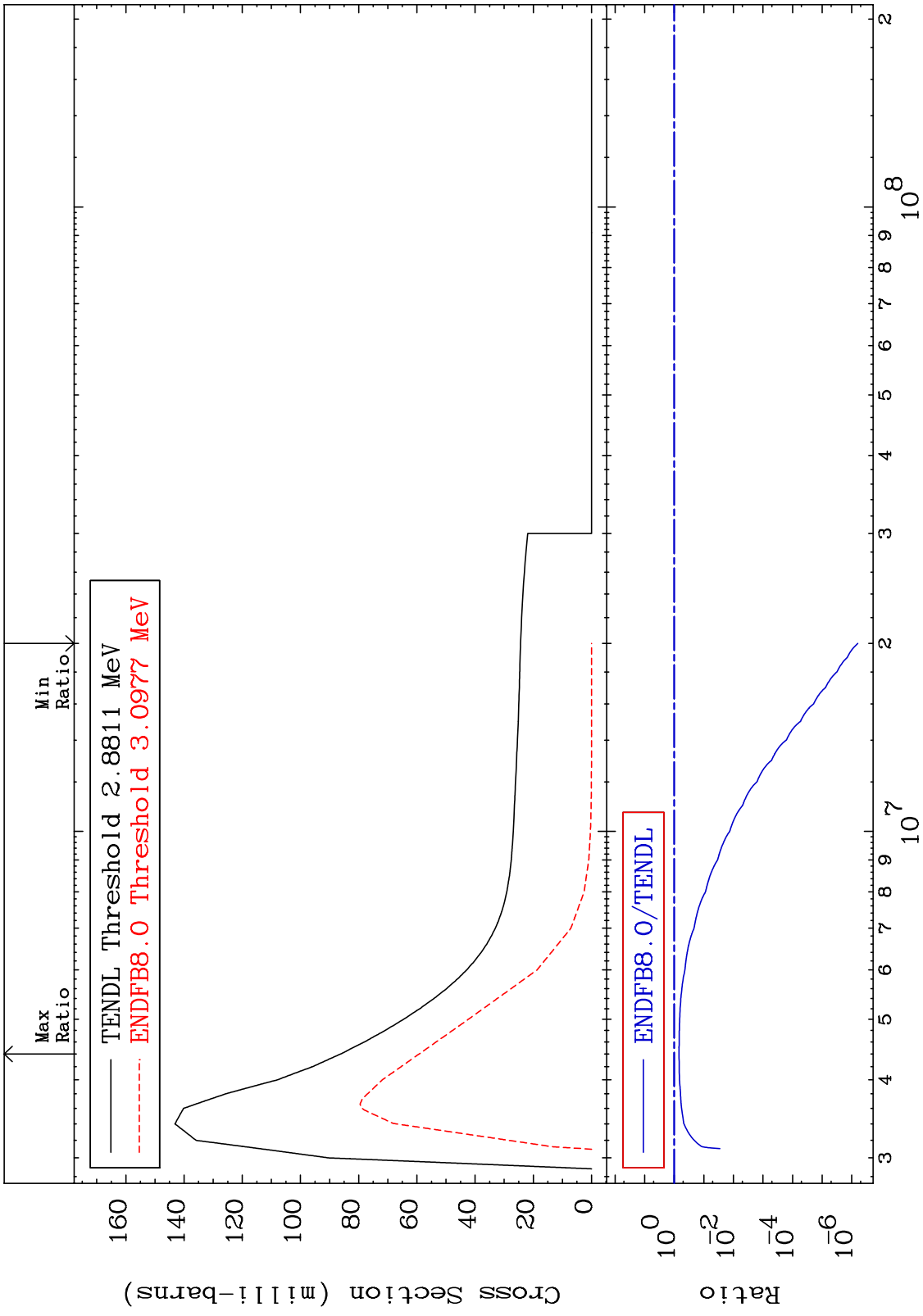
MAT 4225 MT= 57 (n,n') Level Cross Section 42-Mo-92 201.6 To 9999. %



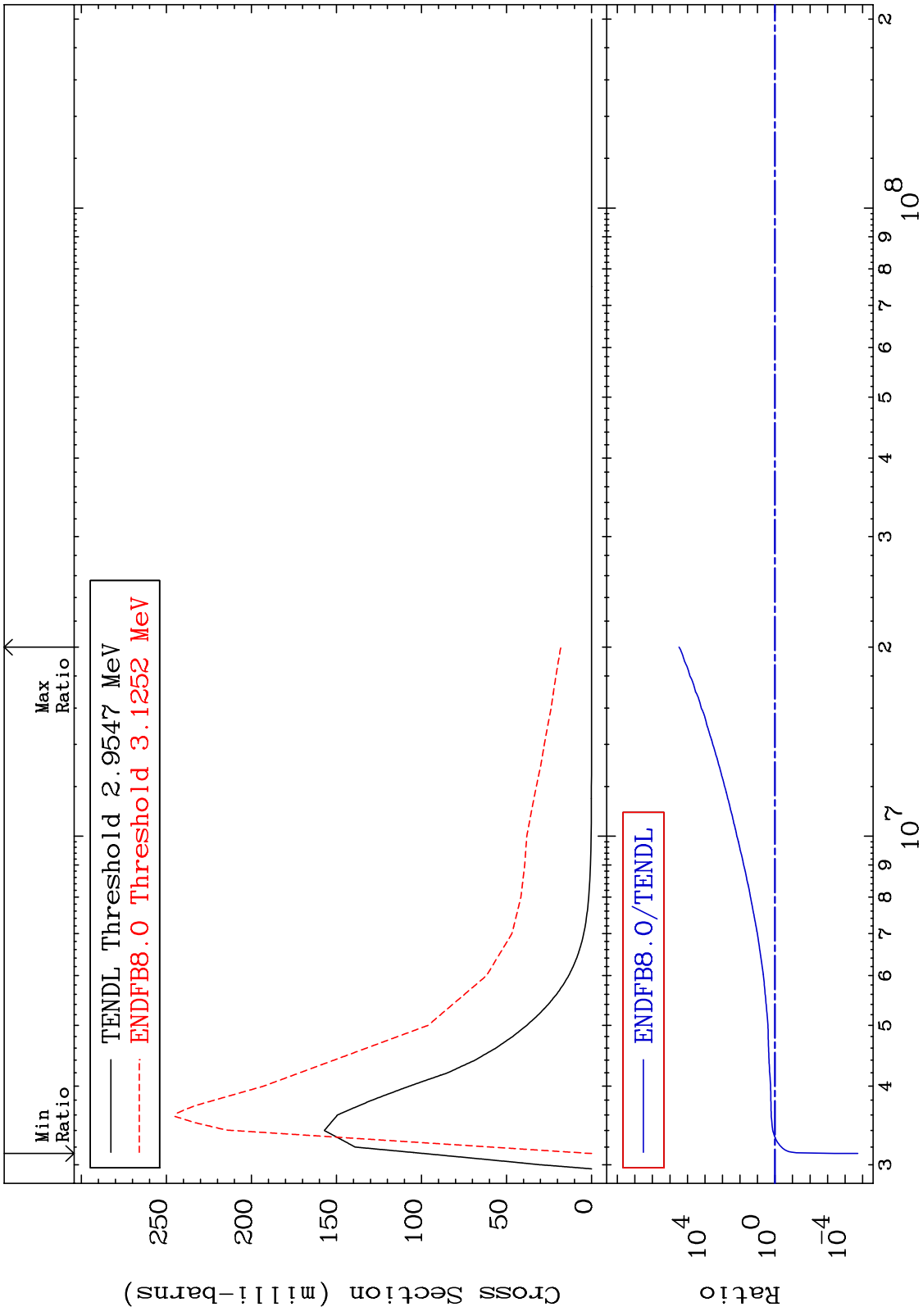
MAT 4225 MT= 58 (n,n') Level Cross Section -99.99 To 28.76 % 42-Mo-92



MAT 4225 MT= 59 (n,n') Level Cross Section -100.0 To -31.26% 42-Mo-92

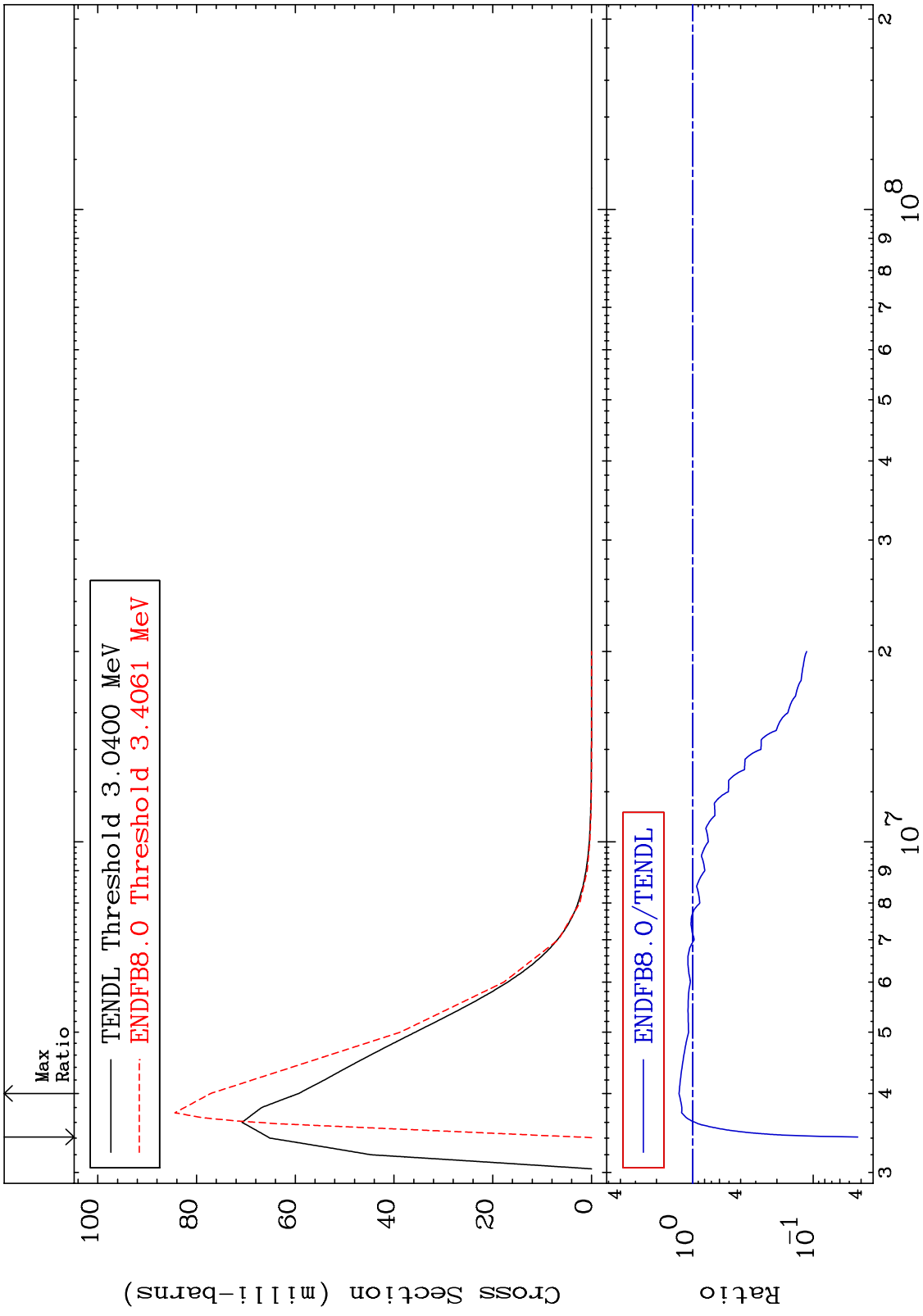


MAT 4225 MT= 60 (n,n') Level Cross Section -100.0 To 9999. % 42-Mo-92

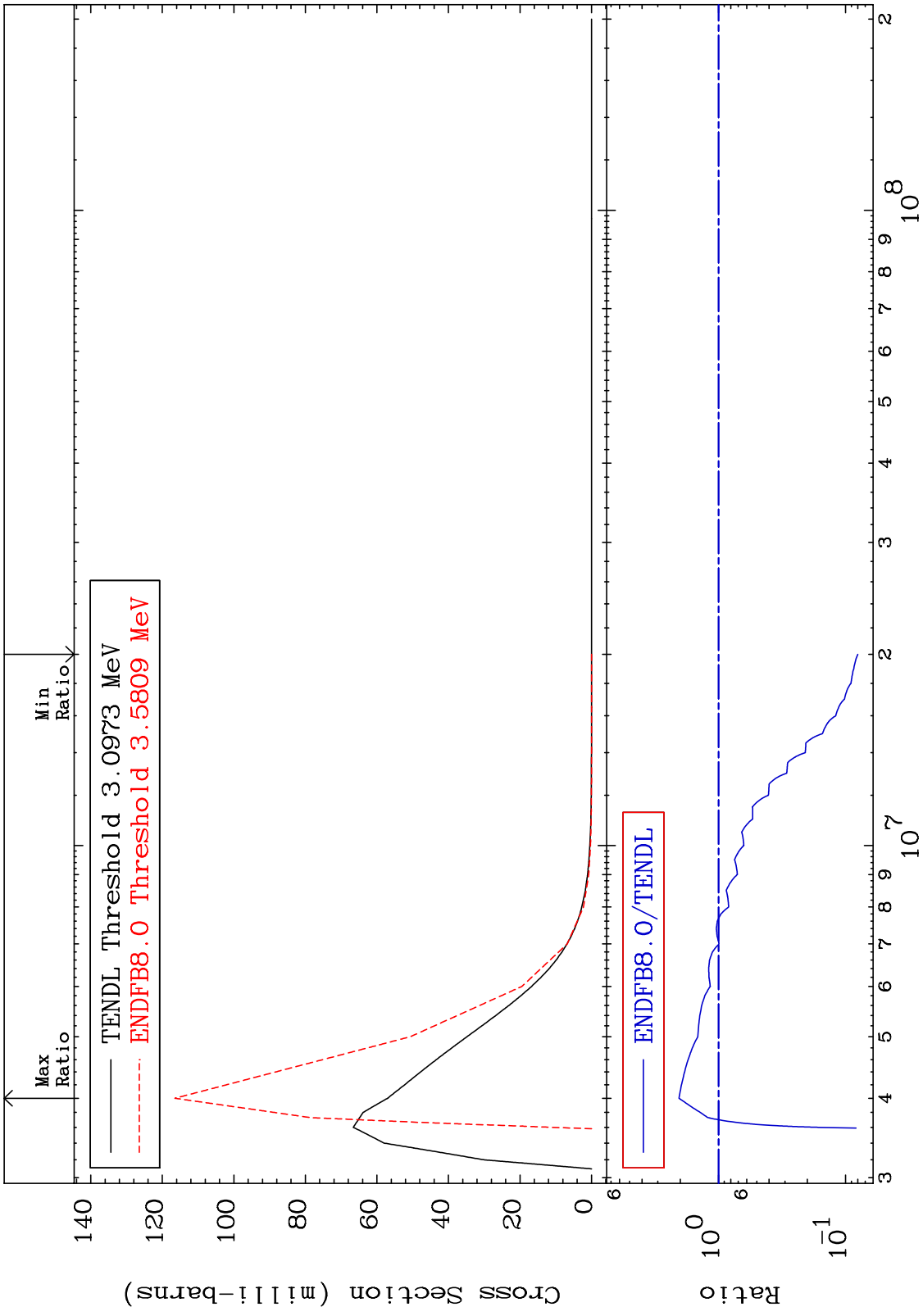


16 42-Mo-92

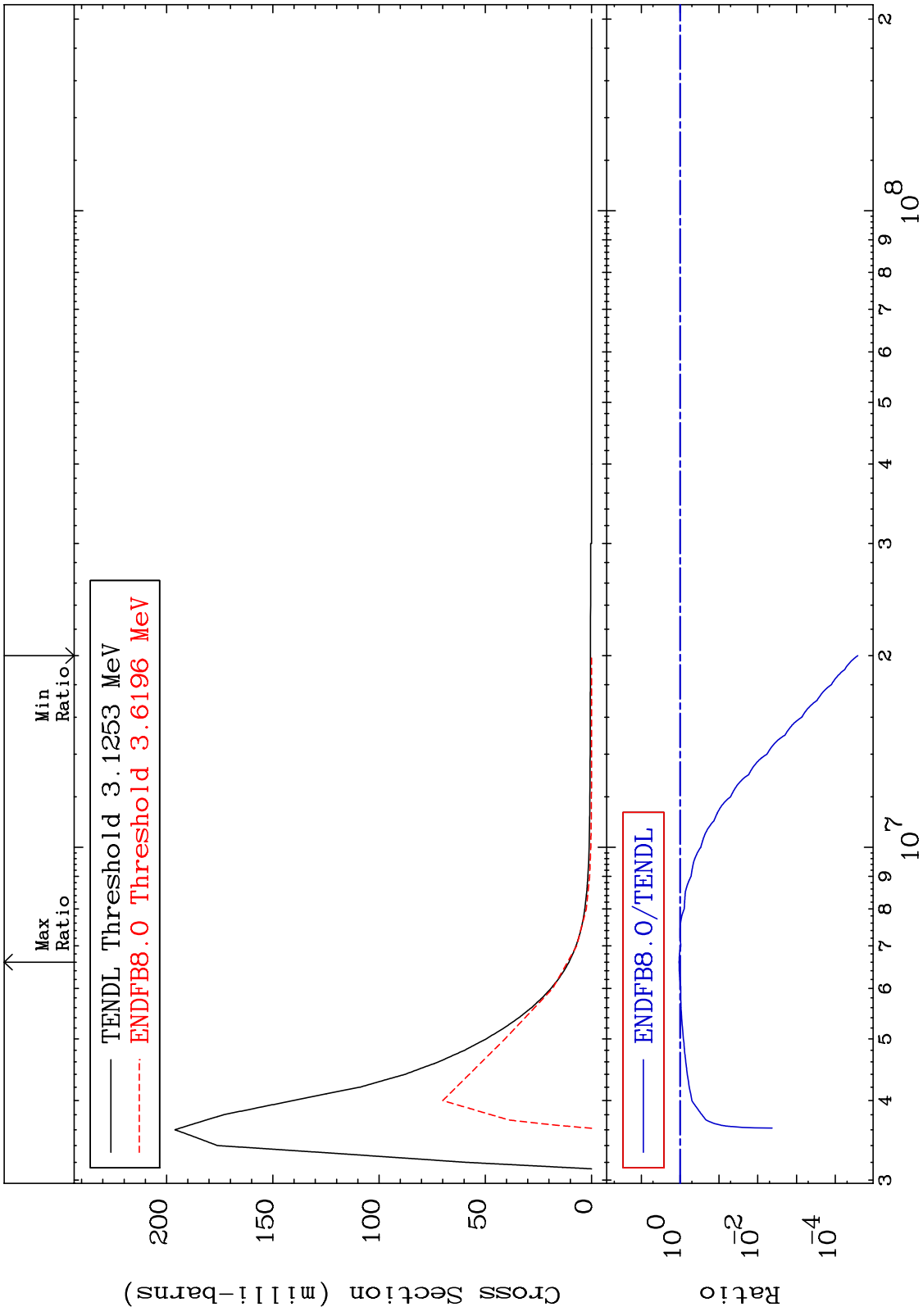
MAT 4225 MT= 61 (n,n') Level Cross Section 42-Mo-92
 -95.75 To 30.08 %



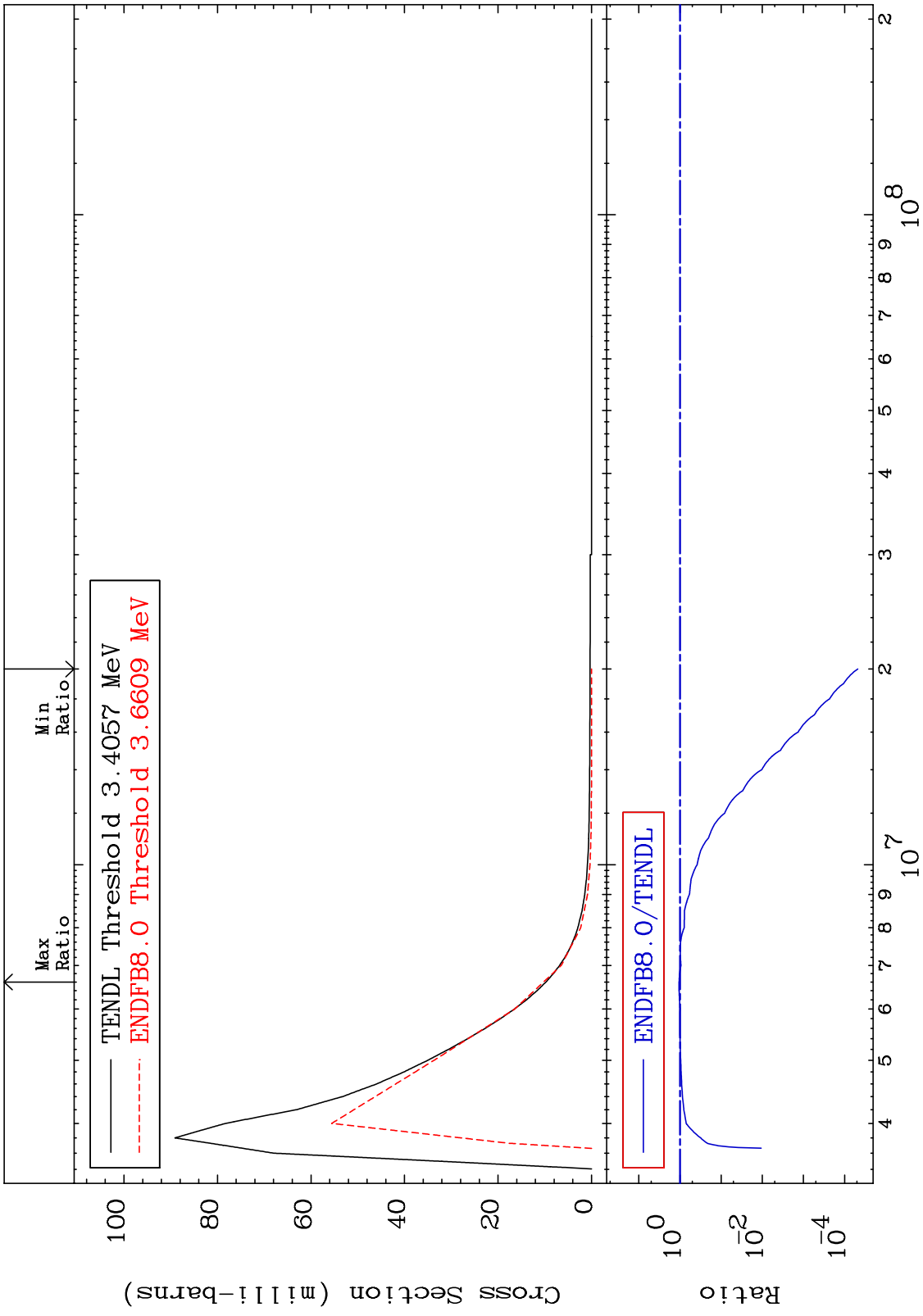
MAT 4225 MT= 62 (n,n') Level Cross Section 42-Mo-92
 -92.00 To 104.3 %



MAT 4225 MT= 63 (n,n') Level Cross Section 42-Mo-92
 -100.0 To 6.490 %



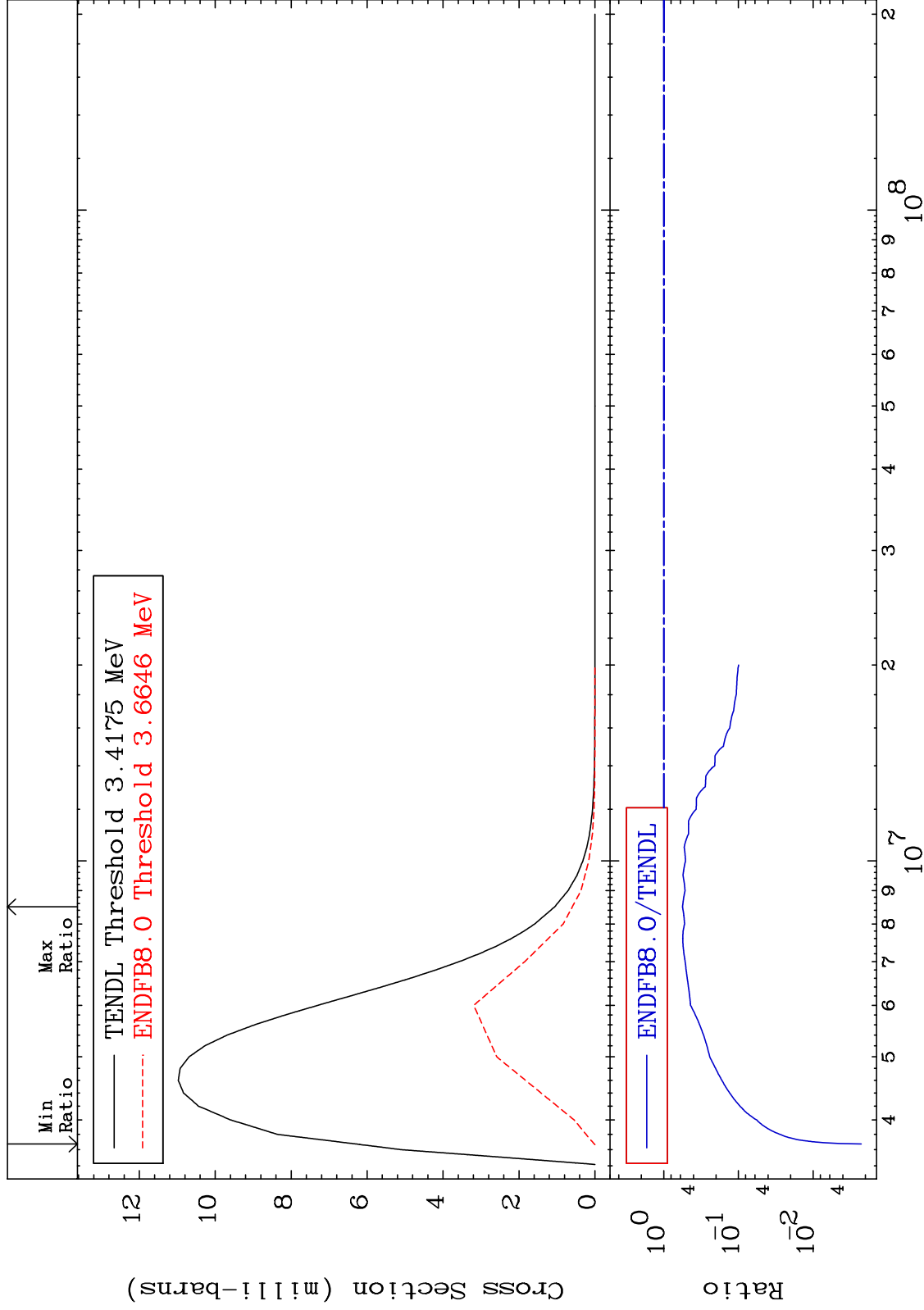
MAT 4225 MT= 64 (n,n') Level Cross Section -100.0 To 5.257 % 42-Mo-92



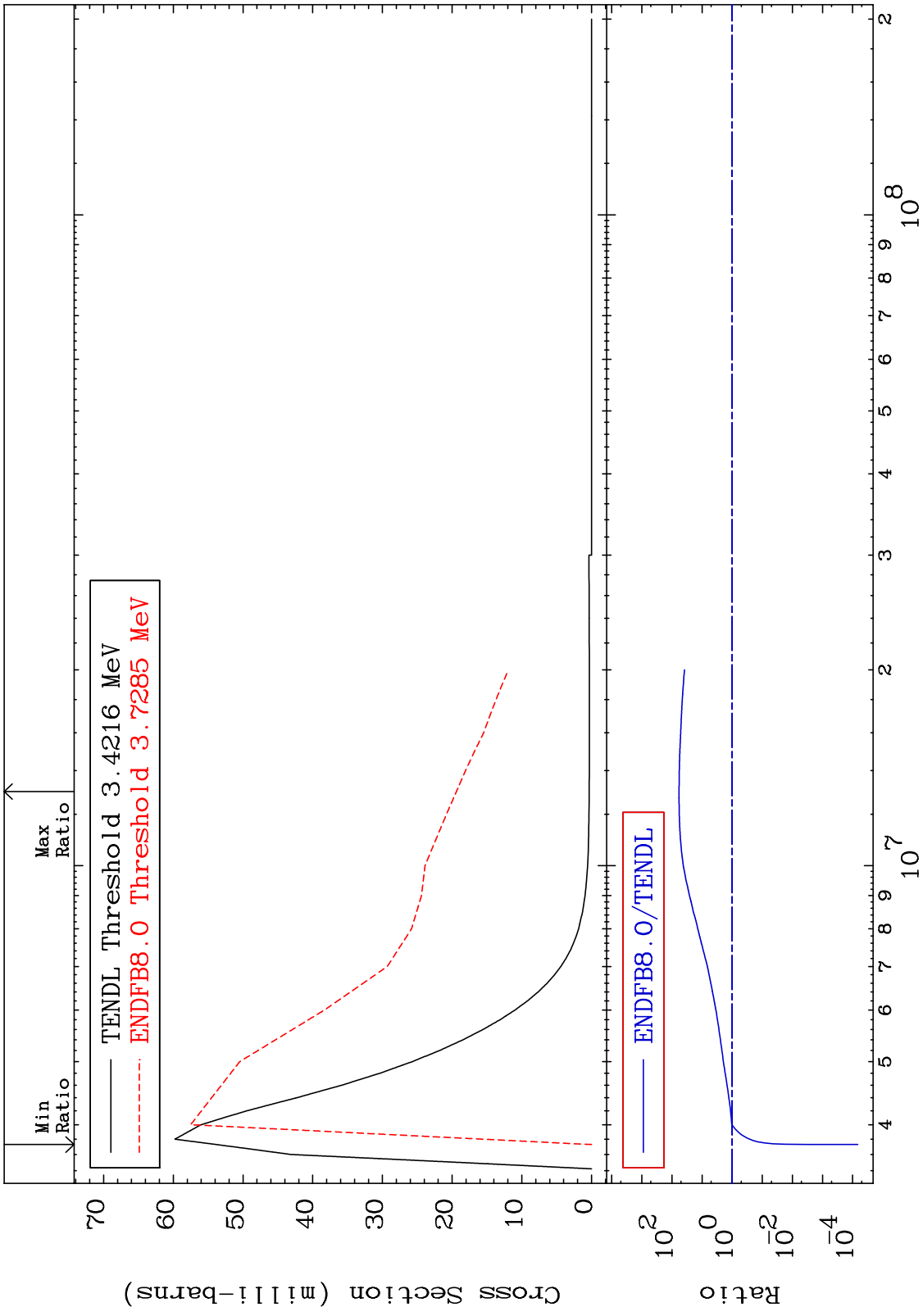
MAT 4225

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

42-Mo-92
-99.77 To -43.82%



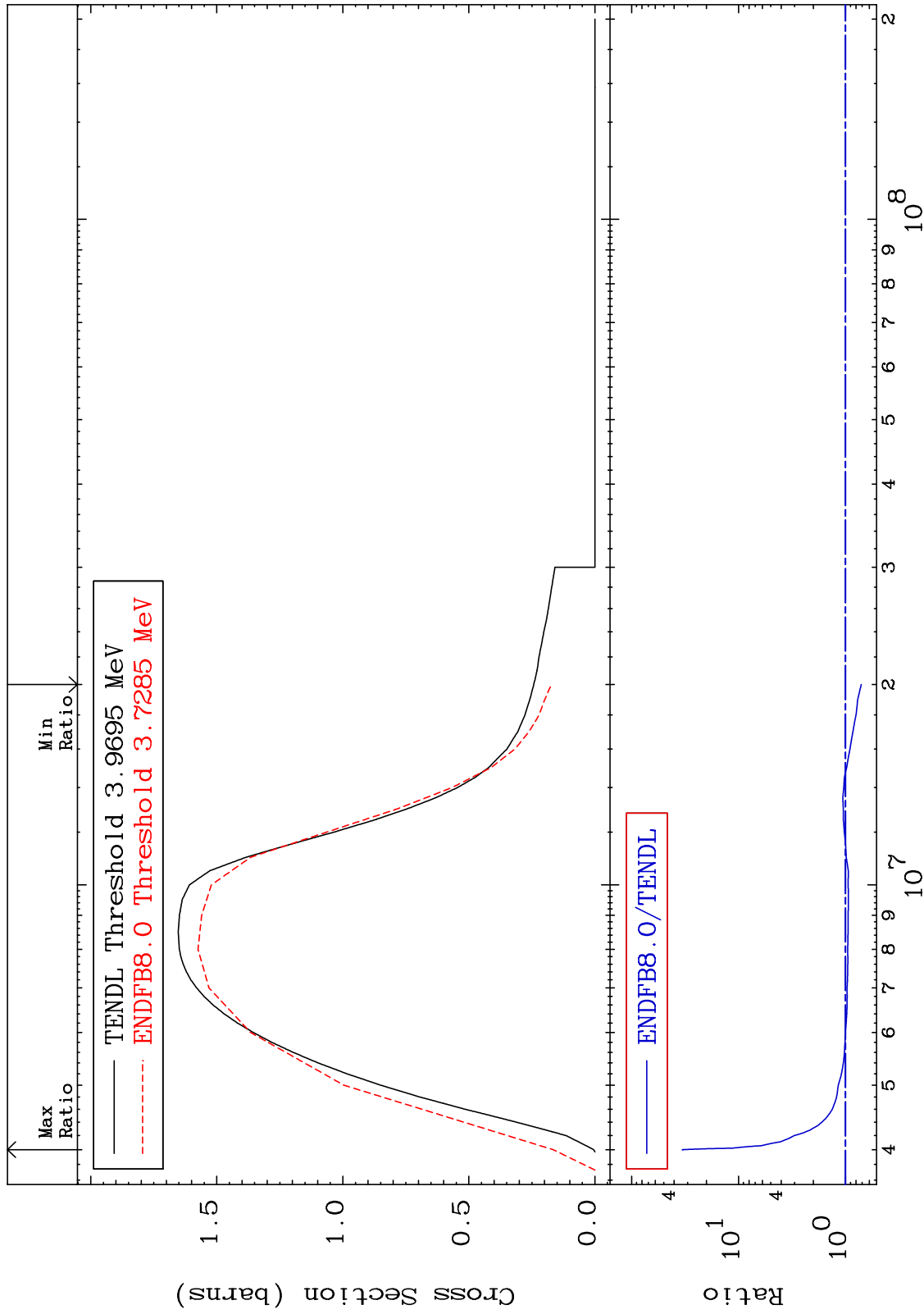
MAT 4225 MT= 66 (n,n') Level Cross Section 42-Mo-92
 -99.99 To 5705. %



MAT 4225

(n, n') Continuum
Cross Section

42-Mo-92
-28.67 To 3248. %



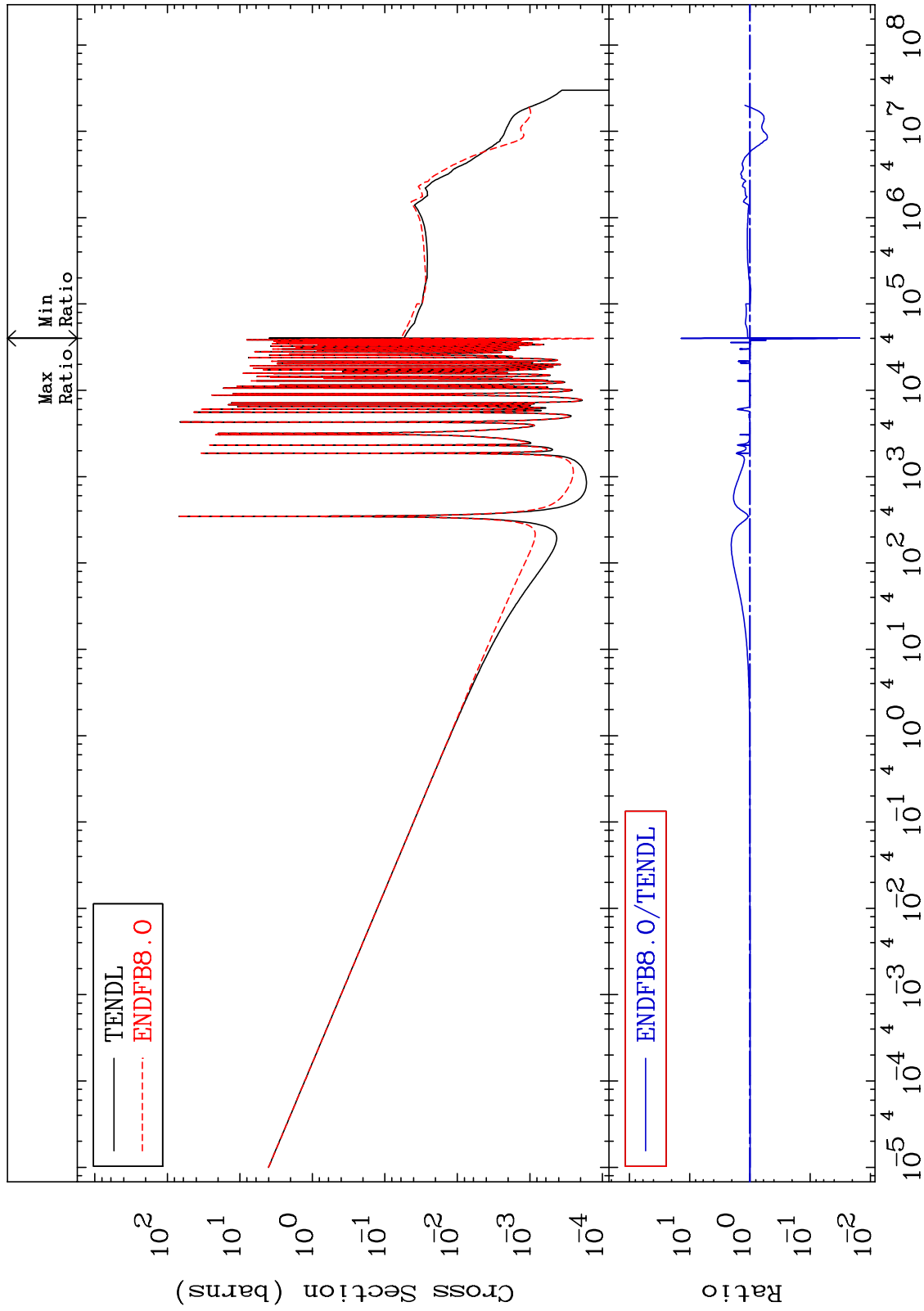
MAT 4225

(n, γ)

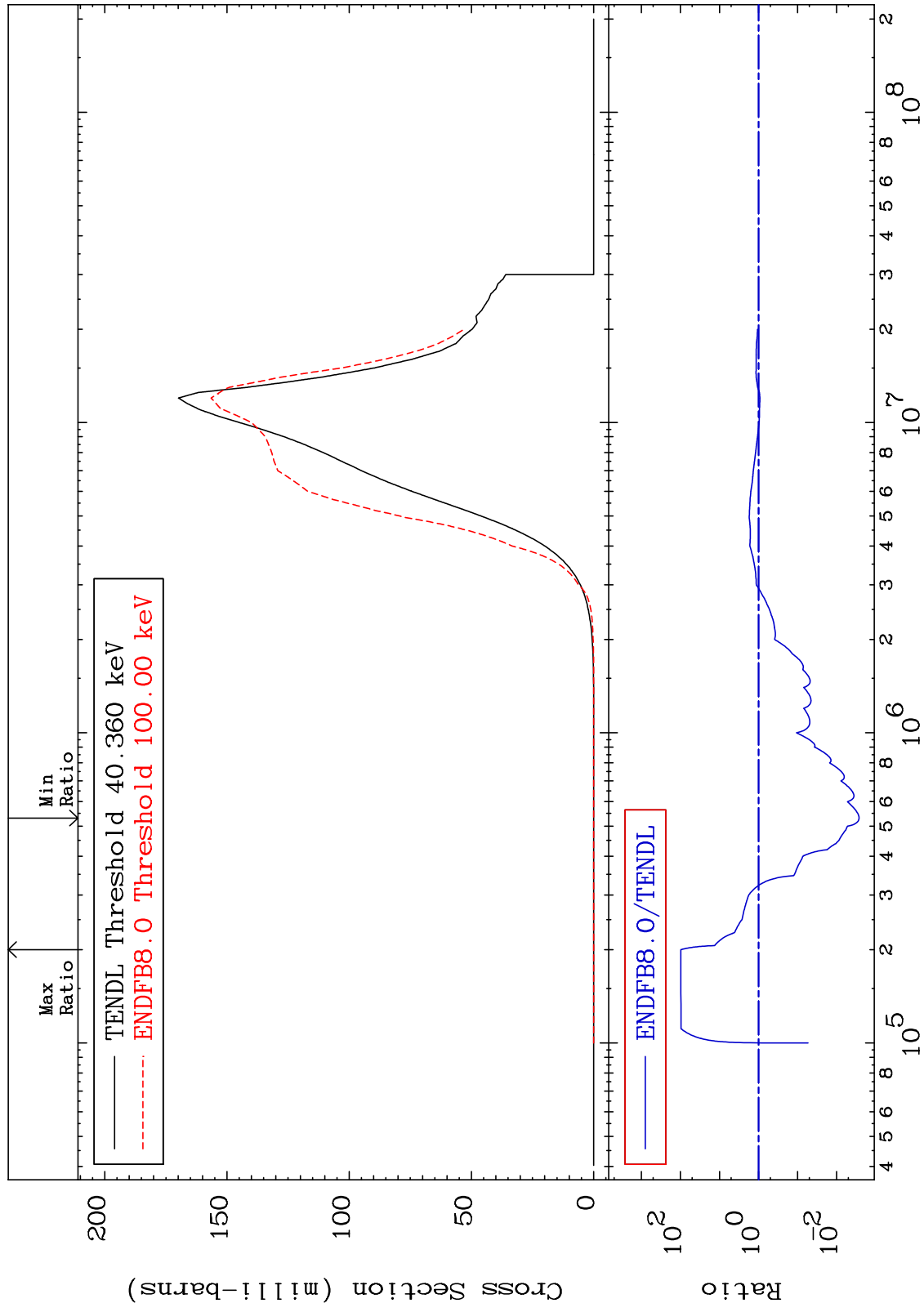
42-Mo-92

Cross Section

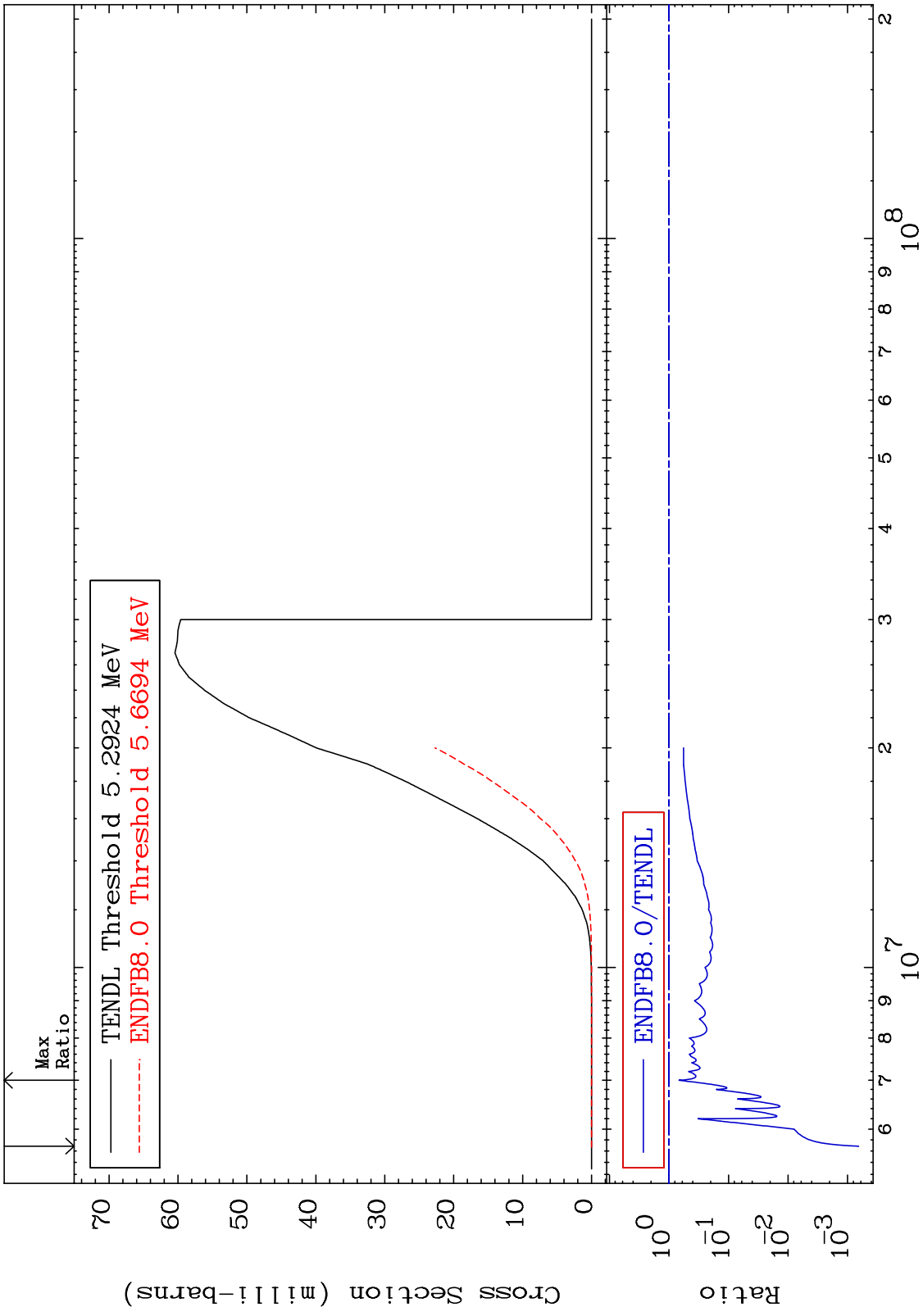
-98.49 To 1286. %



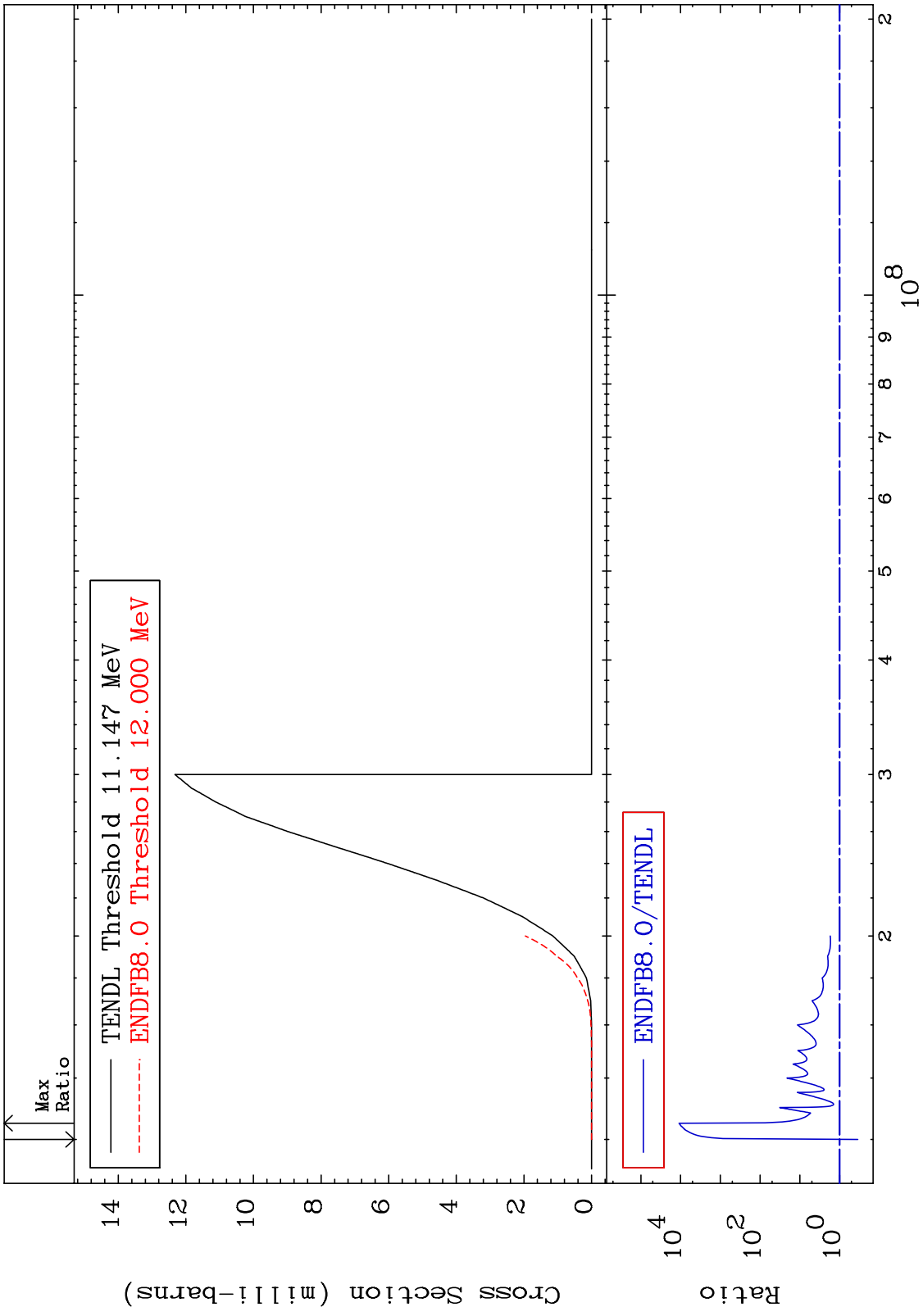
MAT 4225 (n,p) Cross Section 42-Mo-92 -99.74 To 9666. %



25 42-Mo-92



MAT 4225 (n,t) Cross Section 42-Mo-92 -65.32 To 9999. %



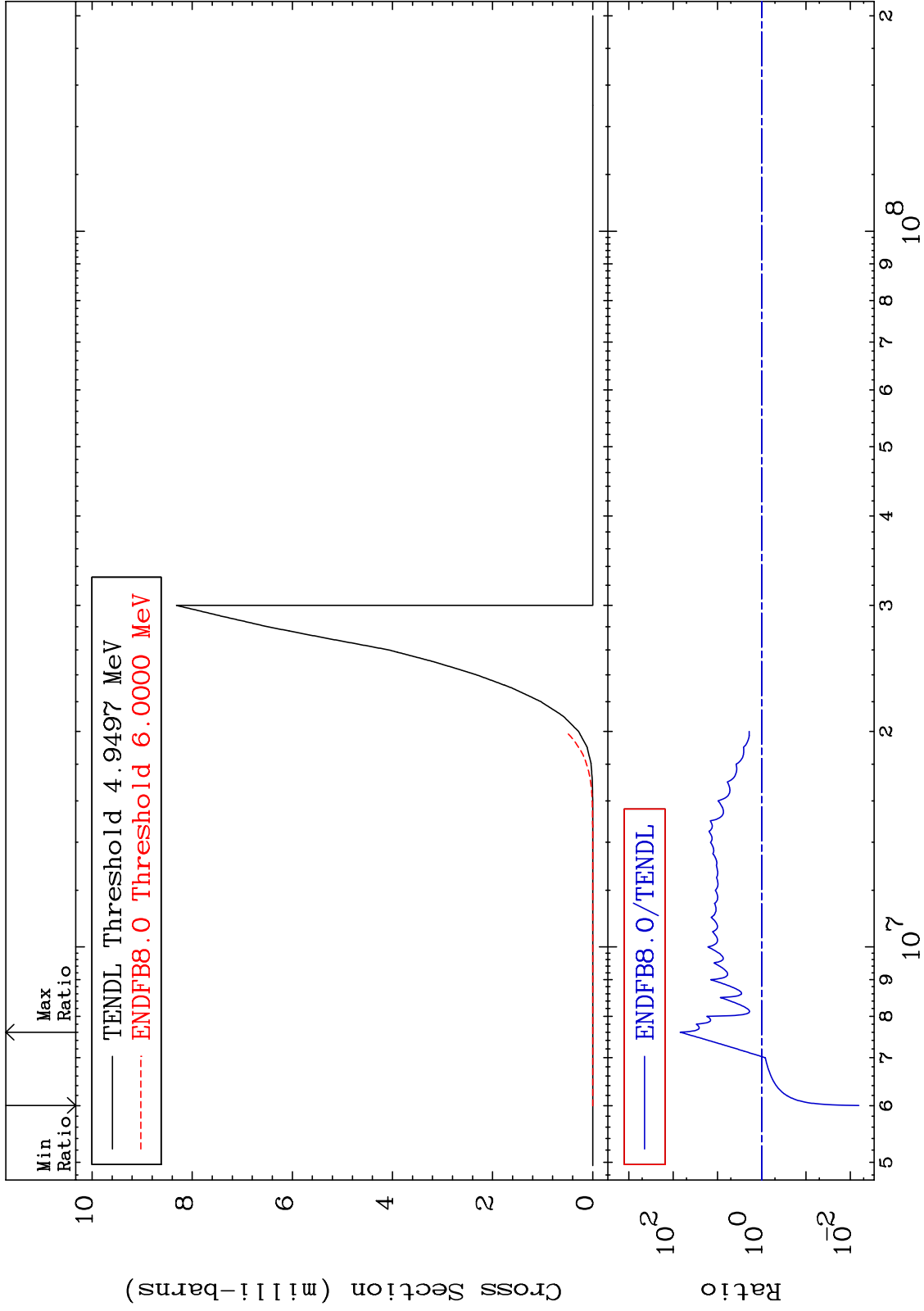
MAT 4225

(n, He-3)

42-Mo-92

Cross Section

-99.36 To 6815. %



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Incident Energy (eV)

42-Mo-92

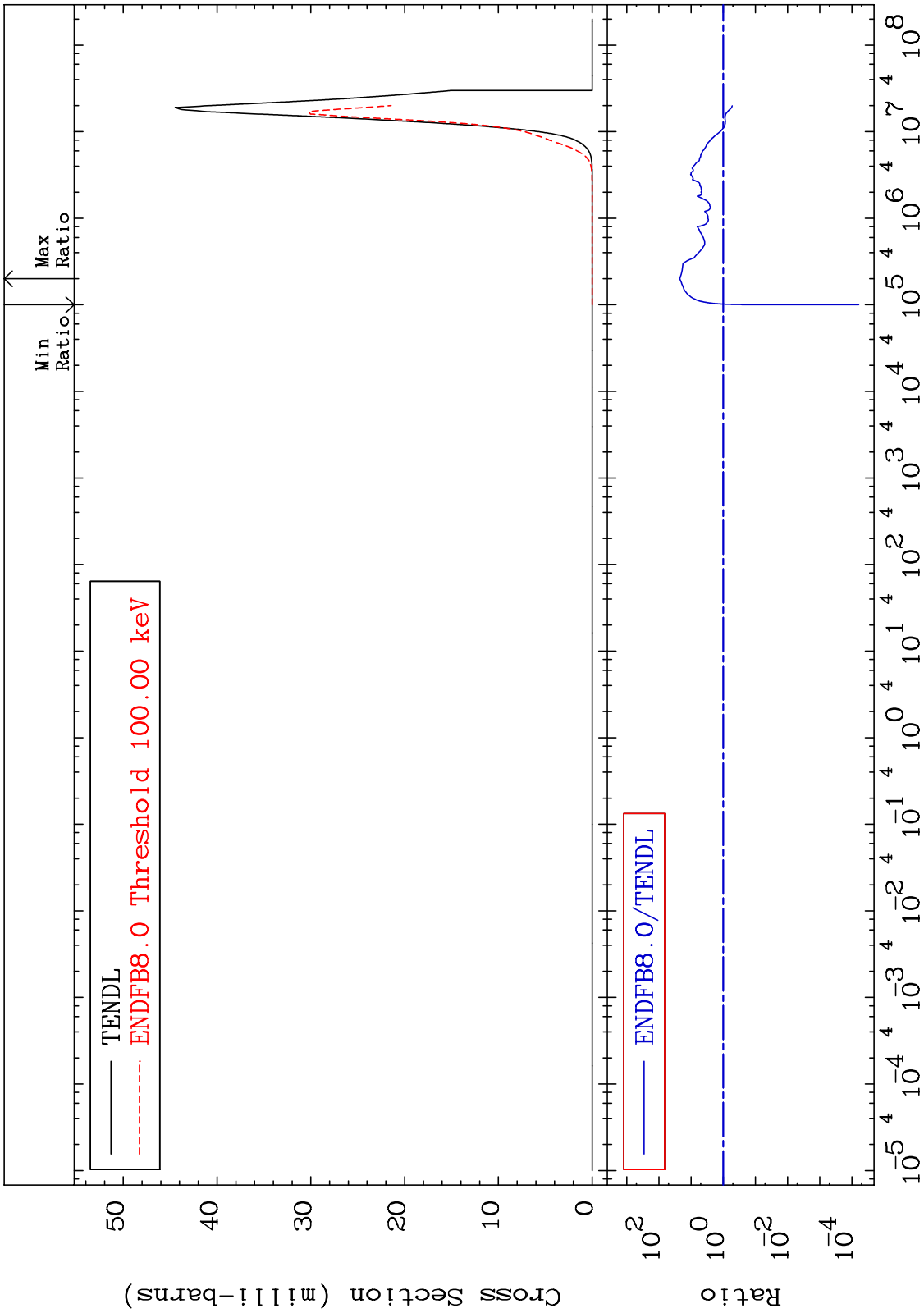
MAT 4225

(n, α)

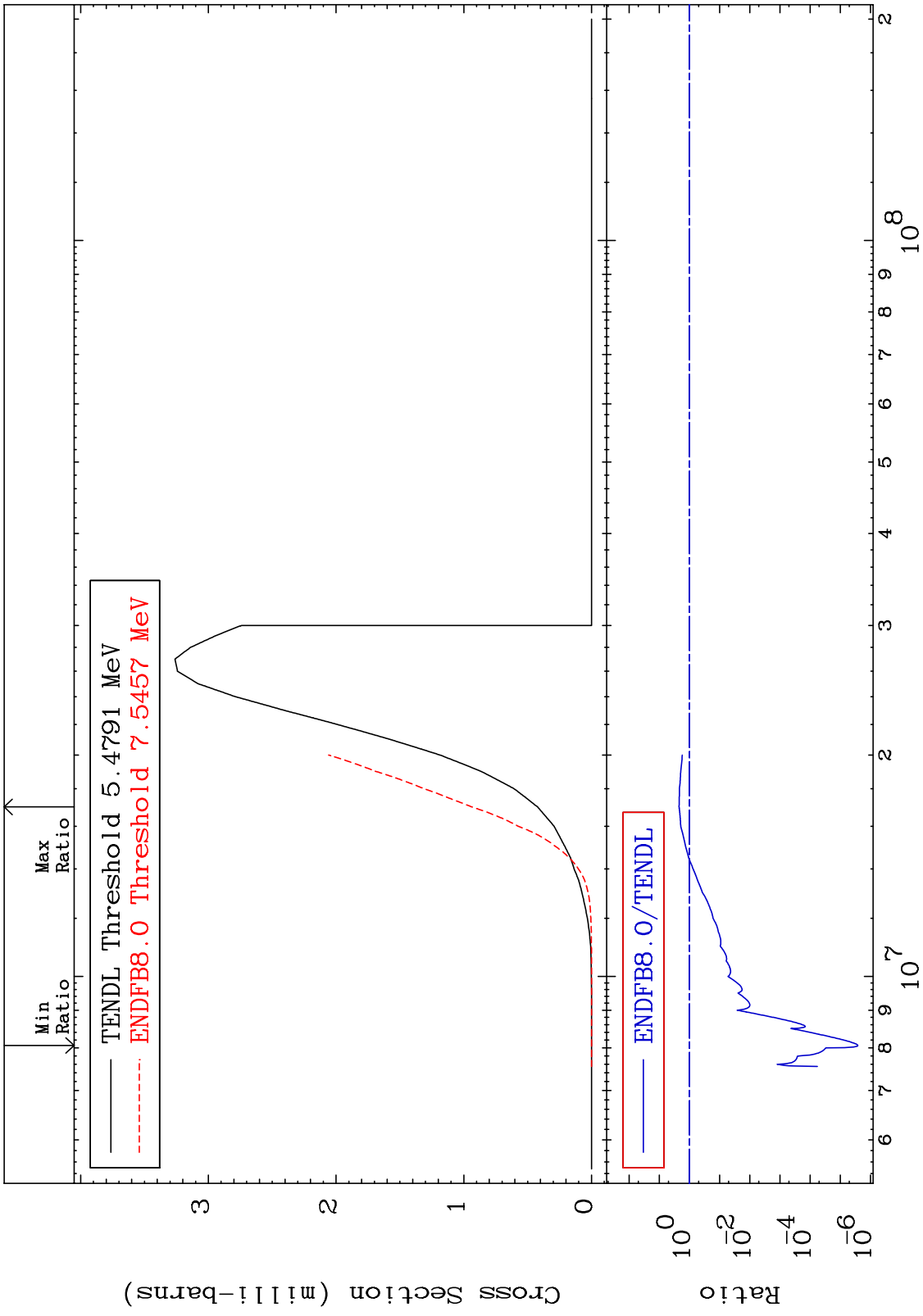
42-Mo-92

Cross Section

-99.99 To 2149. %



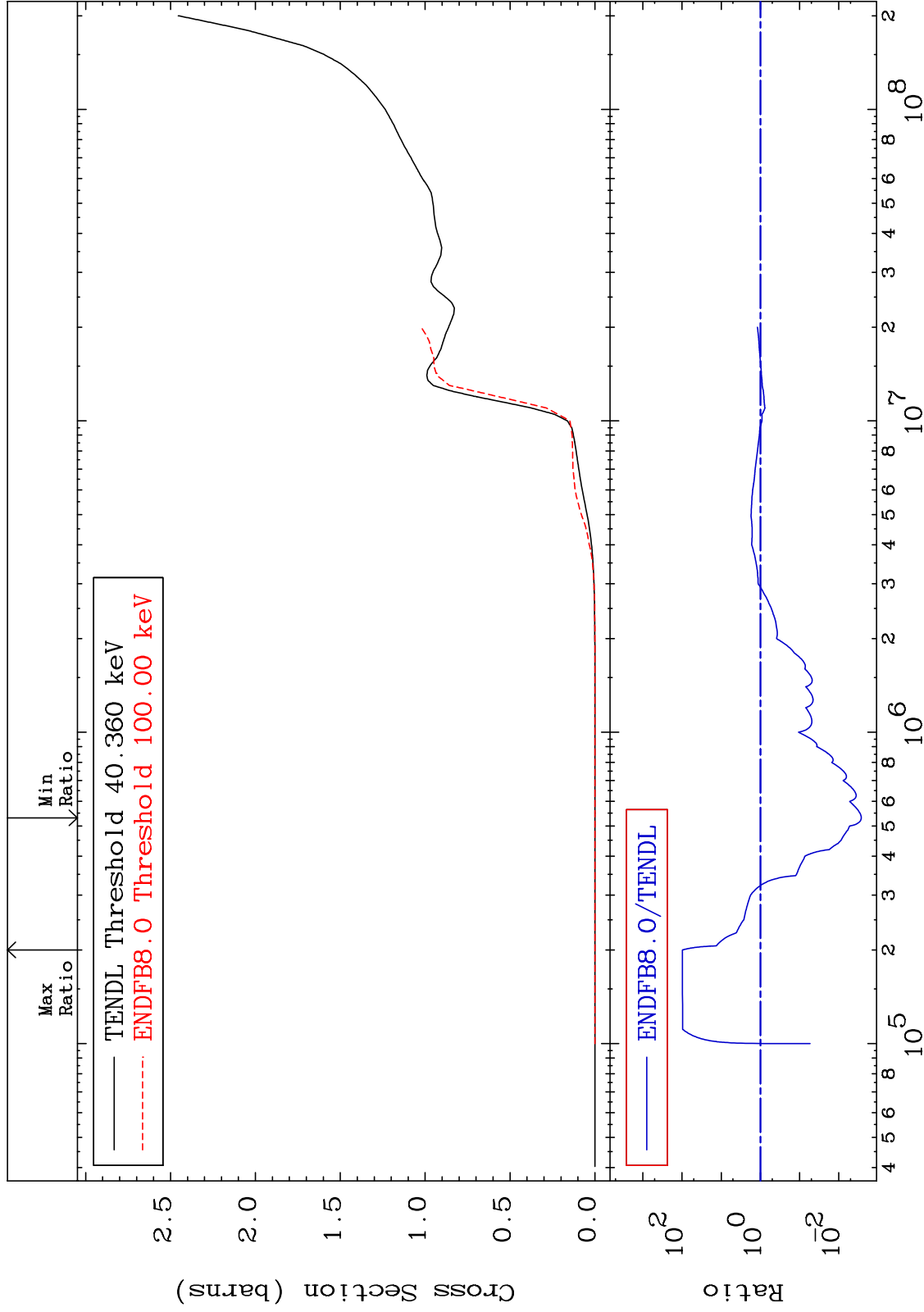
MAT 4225 (n,2p) Cross Section 42-Mo-92 -100.0 To 121.8 %



MAT 4225

Hydrogen Production
Cross Section

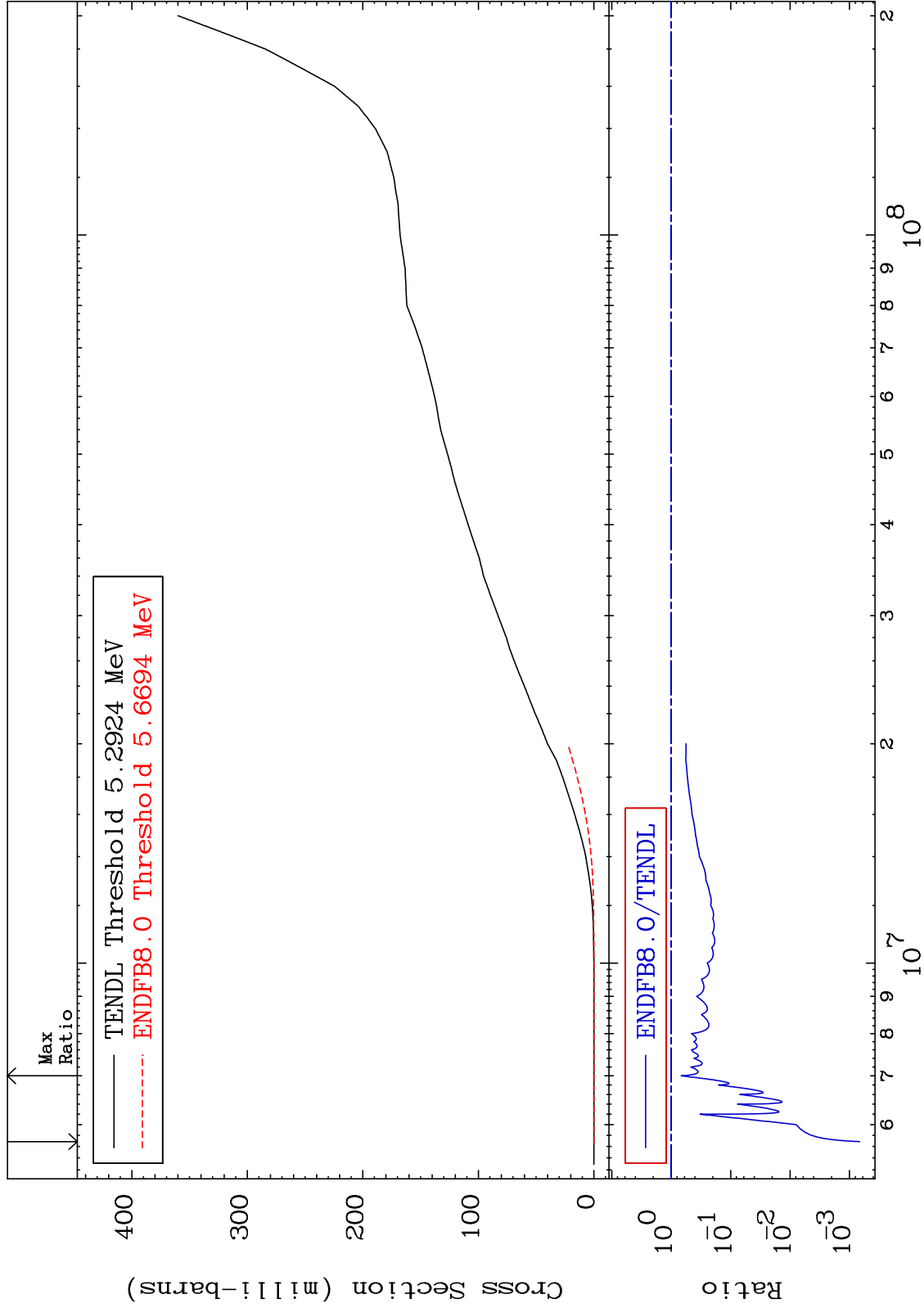
42-Mo-92
-99.74 To 9666. %



MAT 4225

Deuterium Production Cross Section

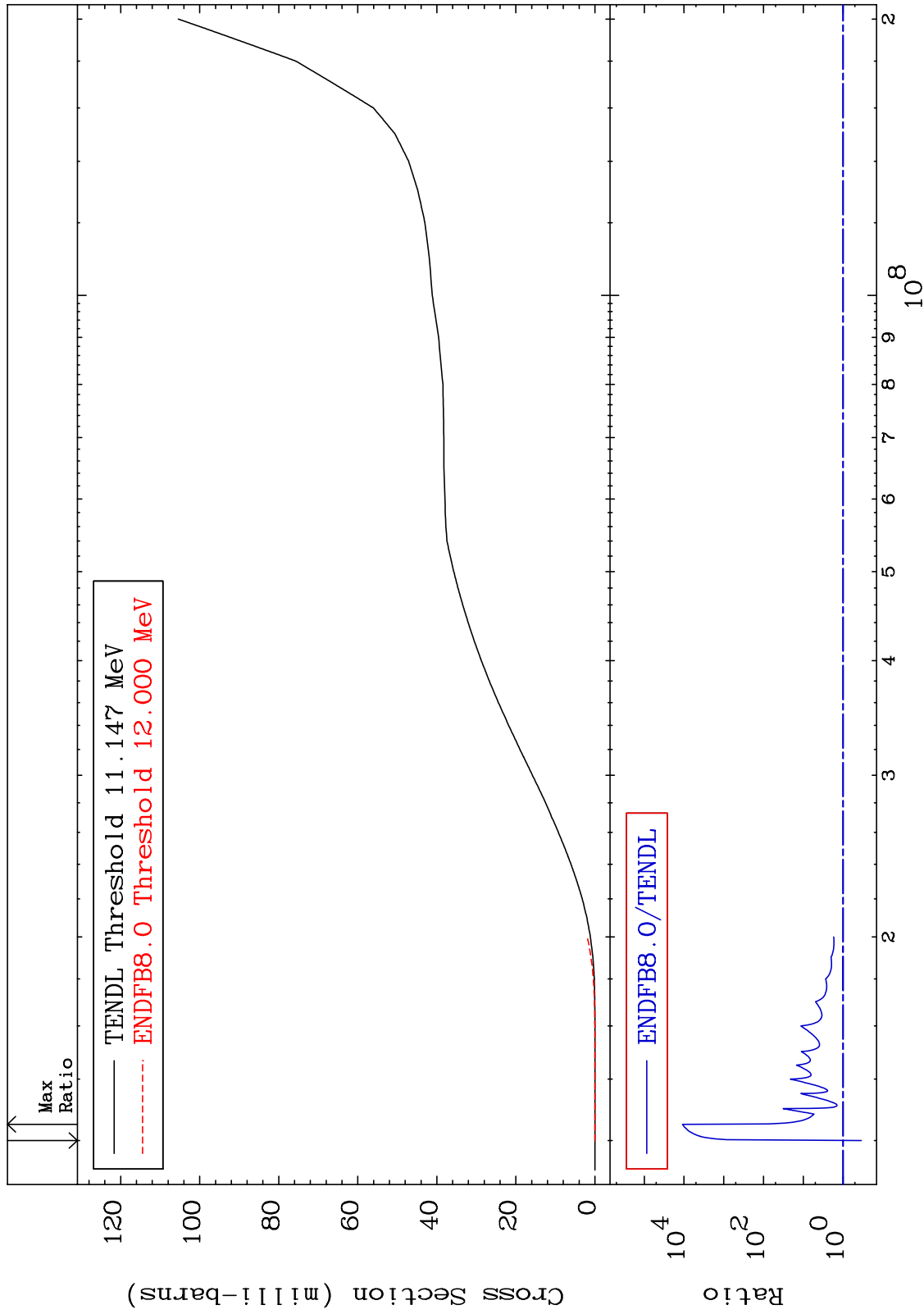
42-Mo-92
-99.93 To -32.27%



MAT 4225

Tritium Production
Cross Section

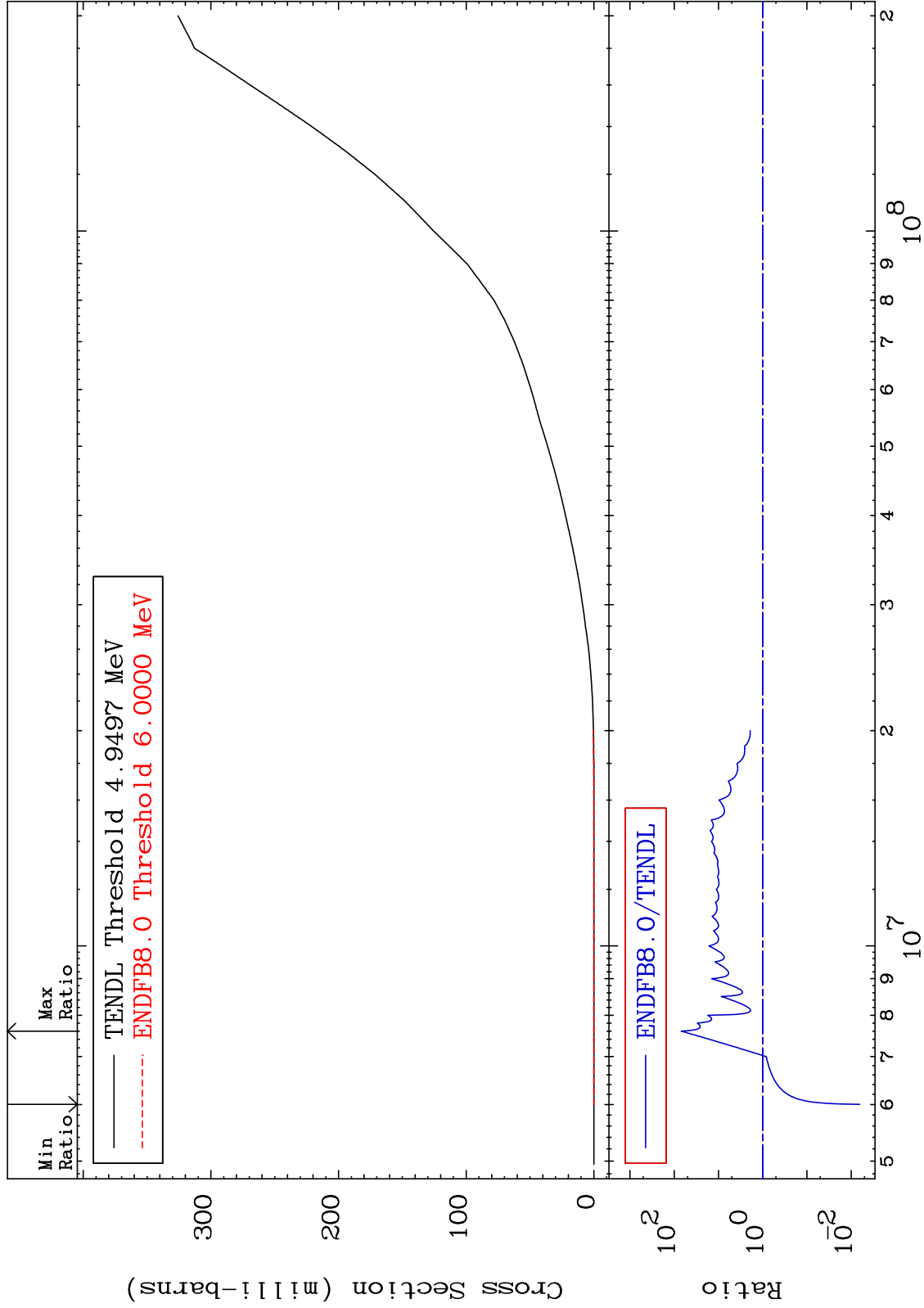
42-Mo-92
-65.32 To 9999. %



MAT 4225

He-3 Production
Cross Section

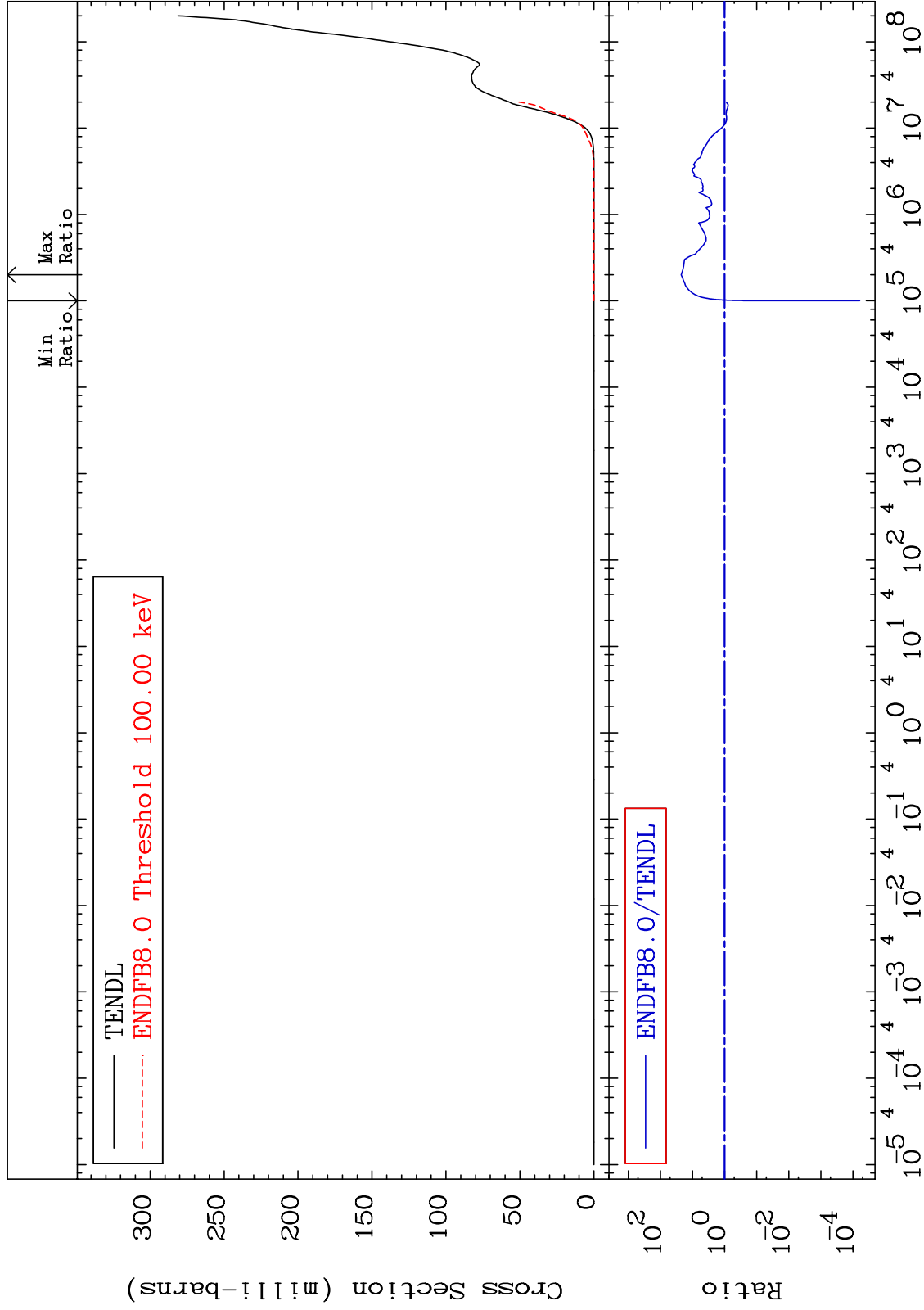
42-Mo-92
-99.36 To 6815. %



MAT 4225

He-4 Production
Cross Section

42-Mo-92
-99.99 To 2149. %

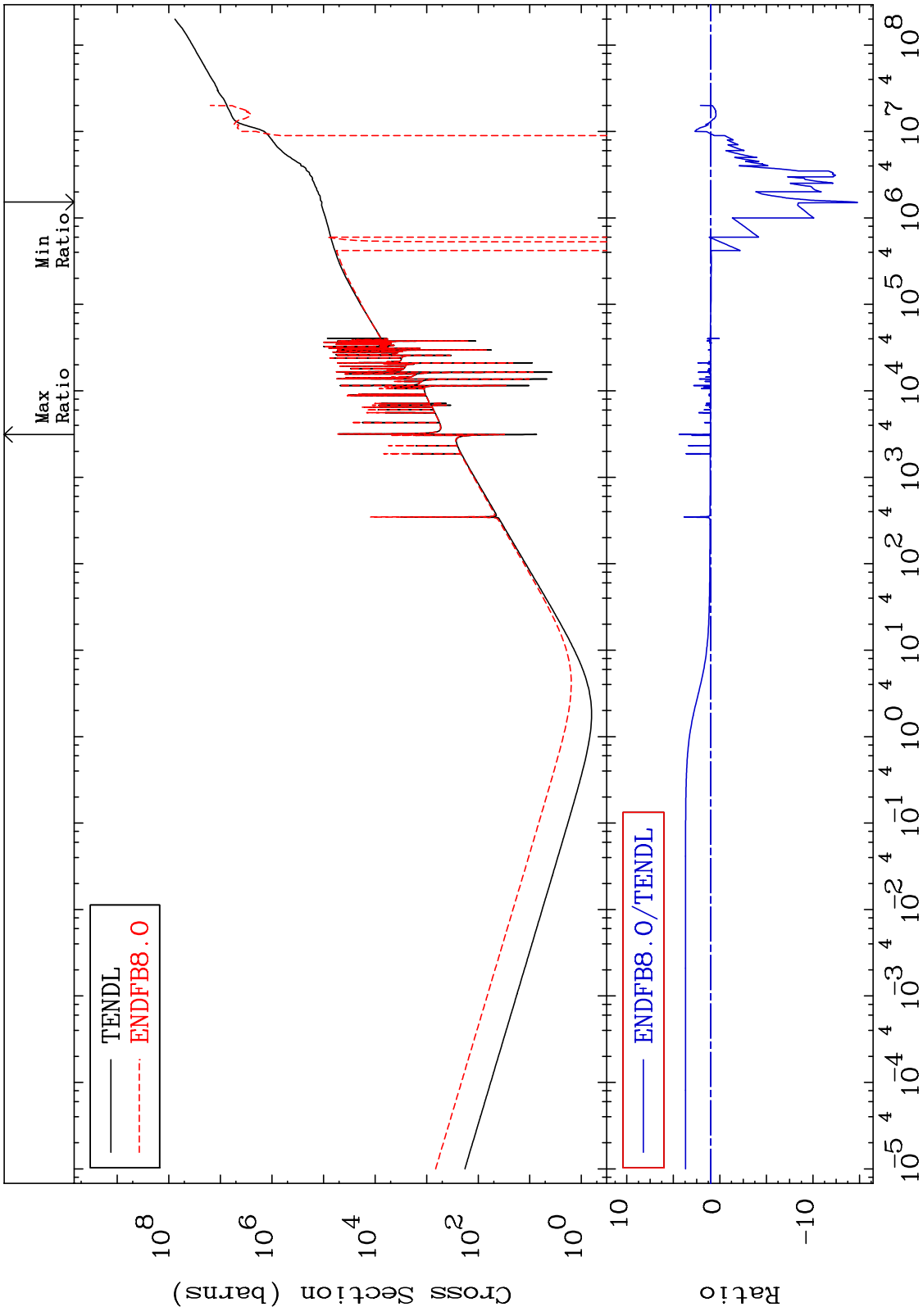


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Incident Energy (eV)

42-Mo-92

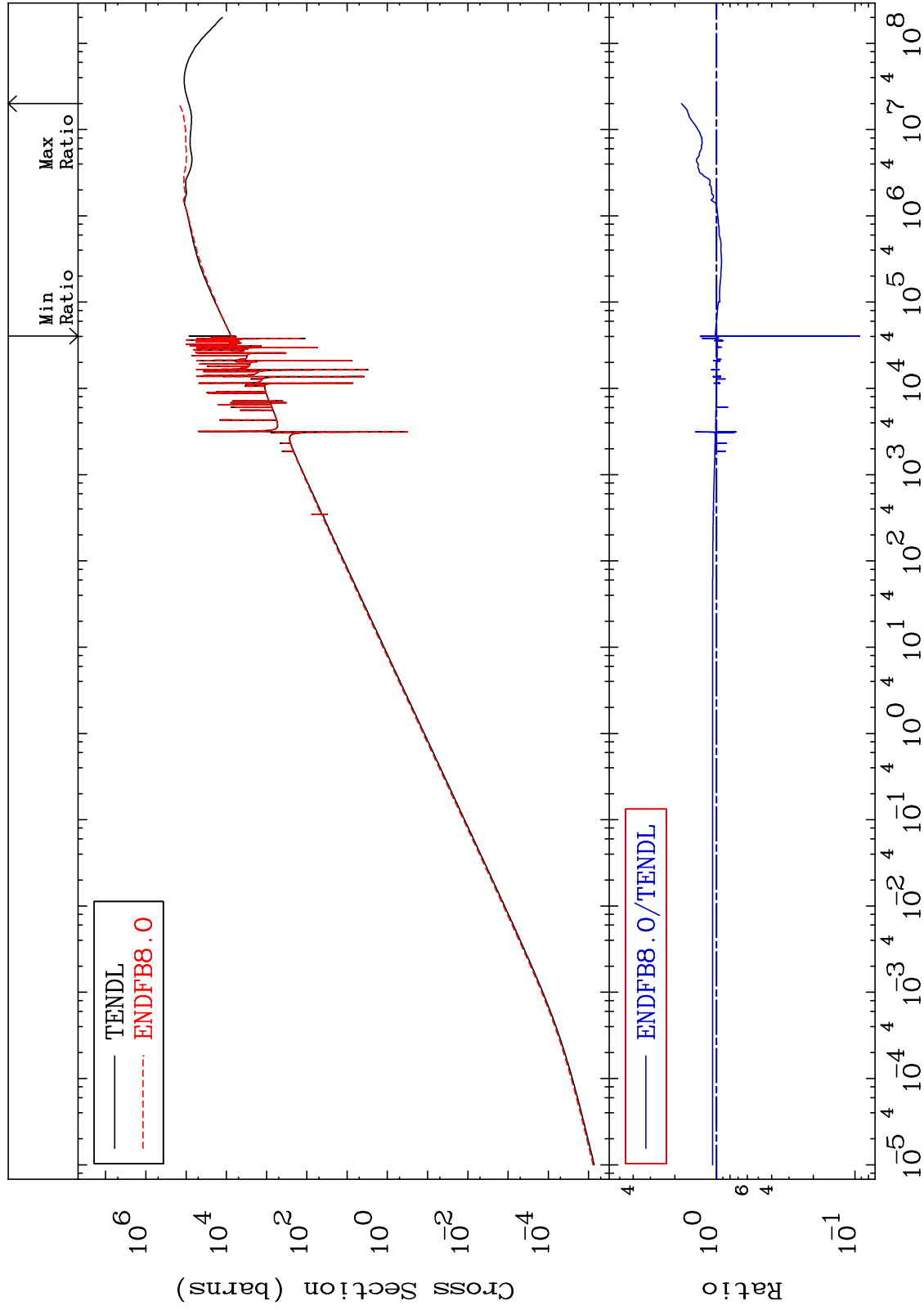
MAT 4225 Kerma total (eV-barns)
 Cross Section -1583. To 338.9 % 42-Mo-92



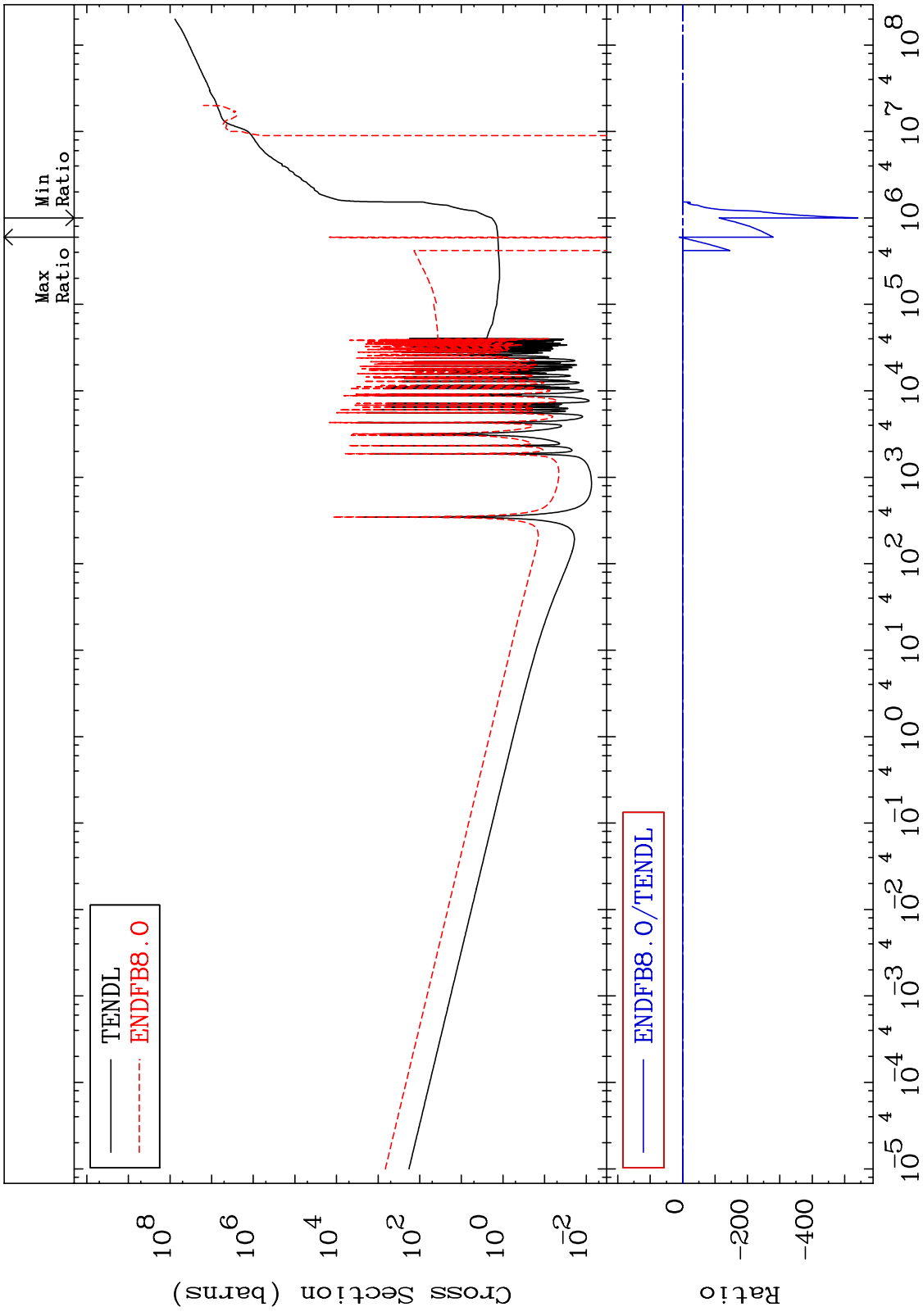
MAT 4225

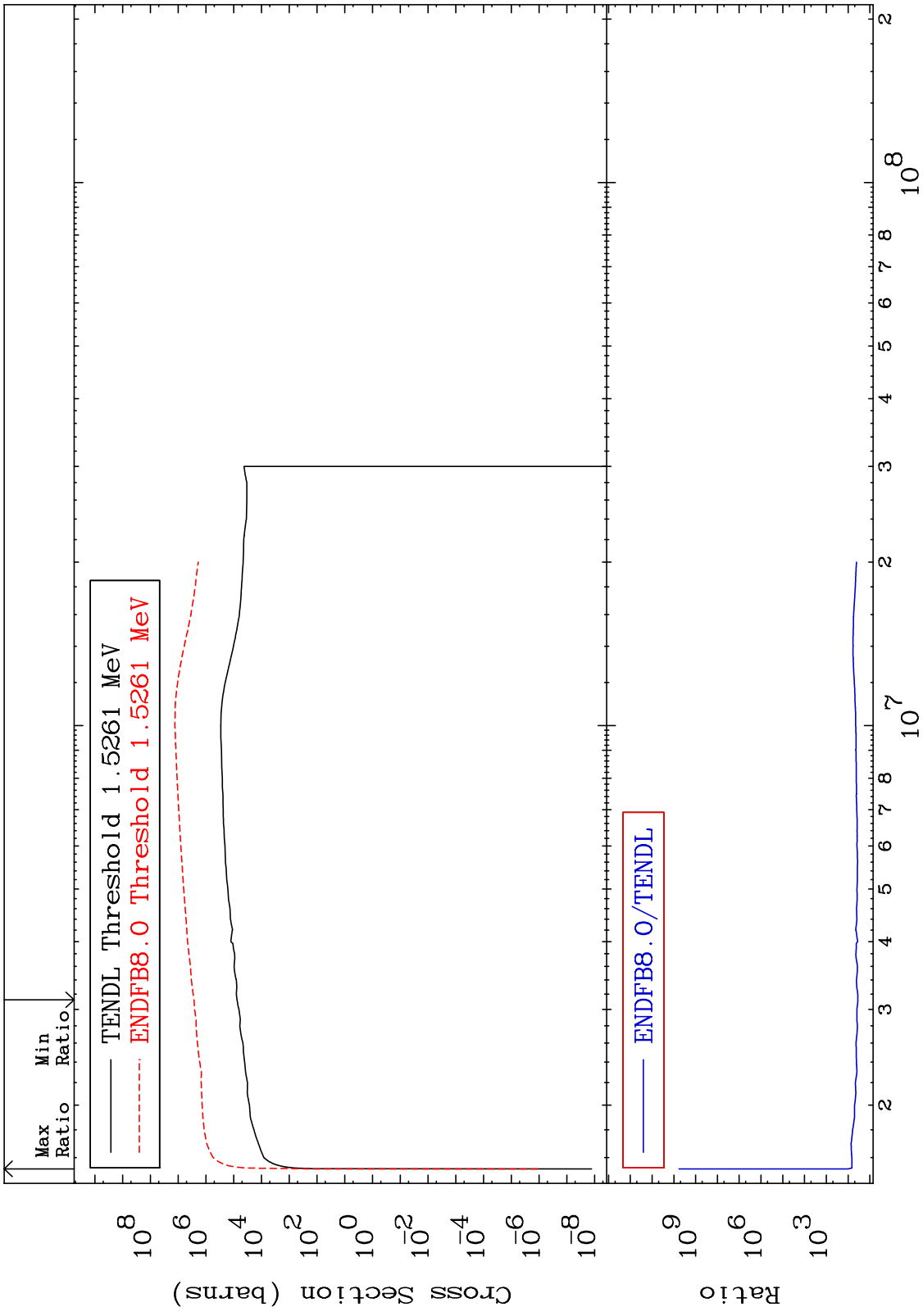
Kerma elastic
Cross Section

42-Mo-92
-90.76 To 79.29 %



MAT 4225 Kerma non-elastic (all but mt2) Cross Section 42-Mo-92
 -9999. To 9999. %

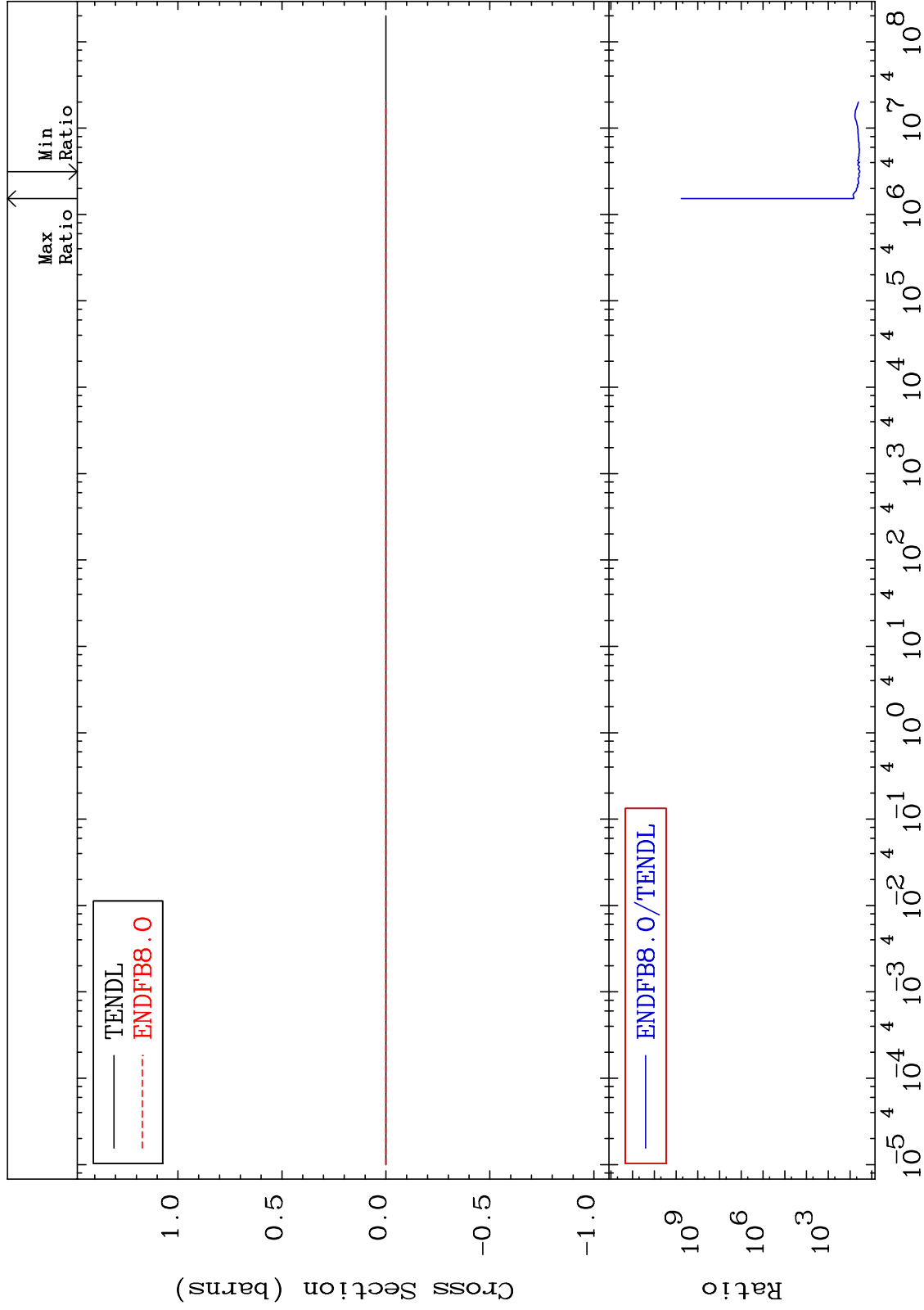




MAT 4225

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

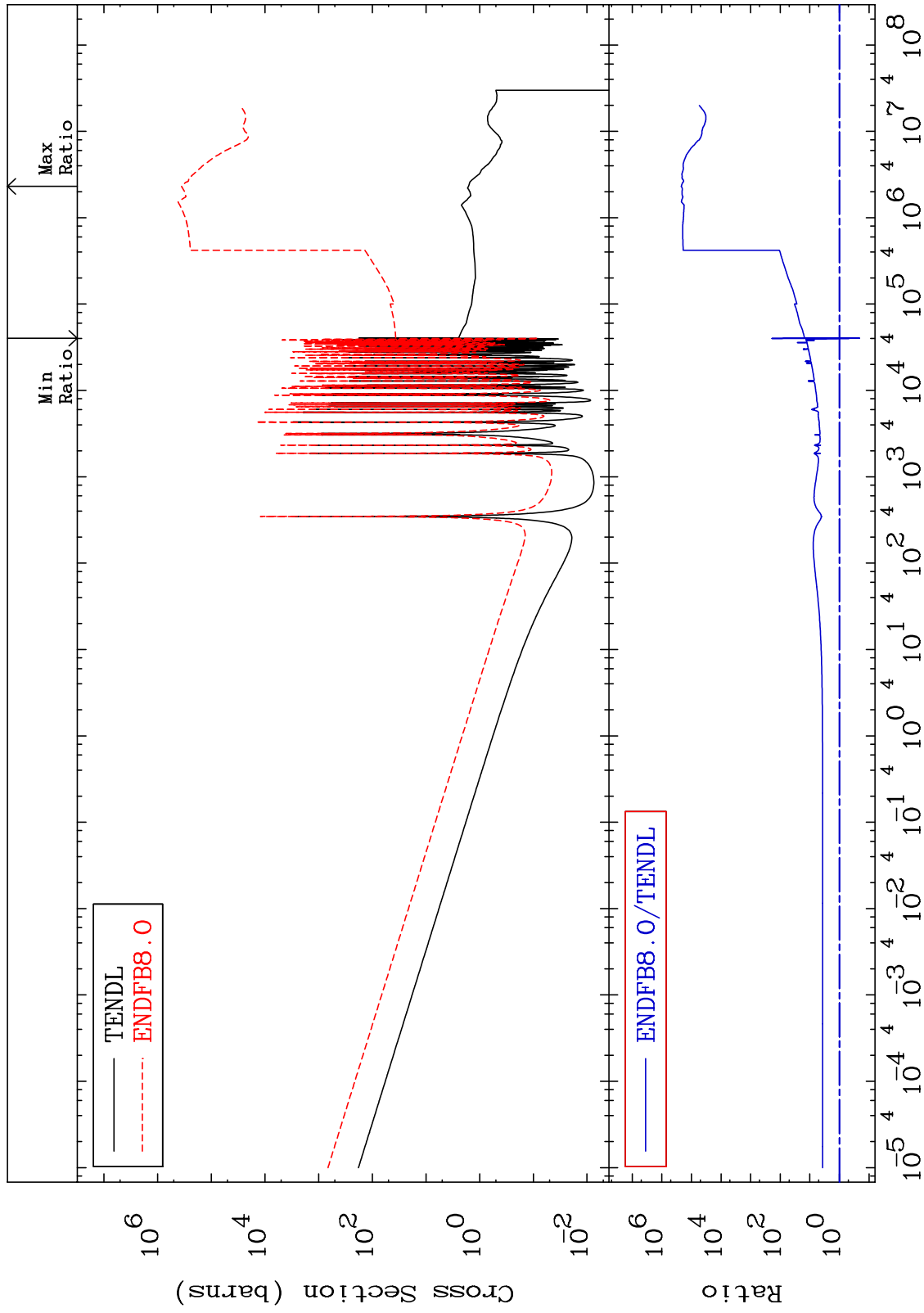
42-Mo-92
3476. To 9999. %



MAT 4225

Kerma capture (mt102)
Cross Section

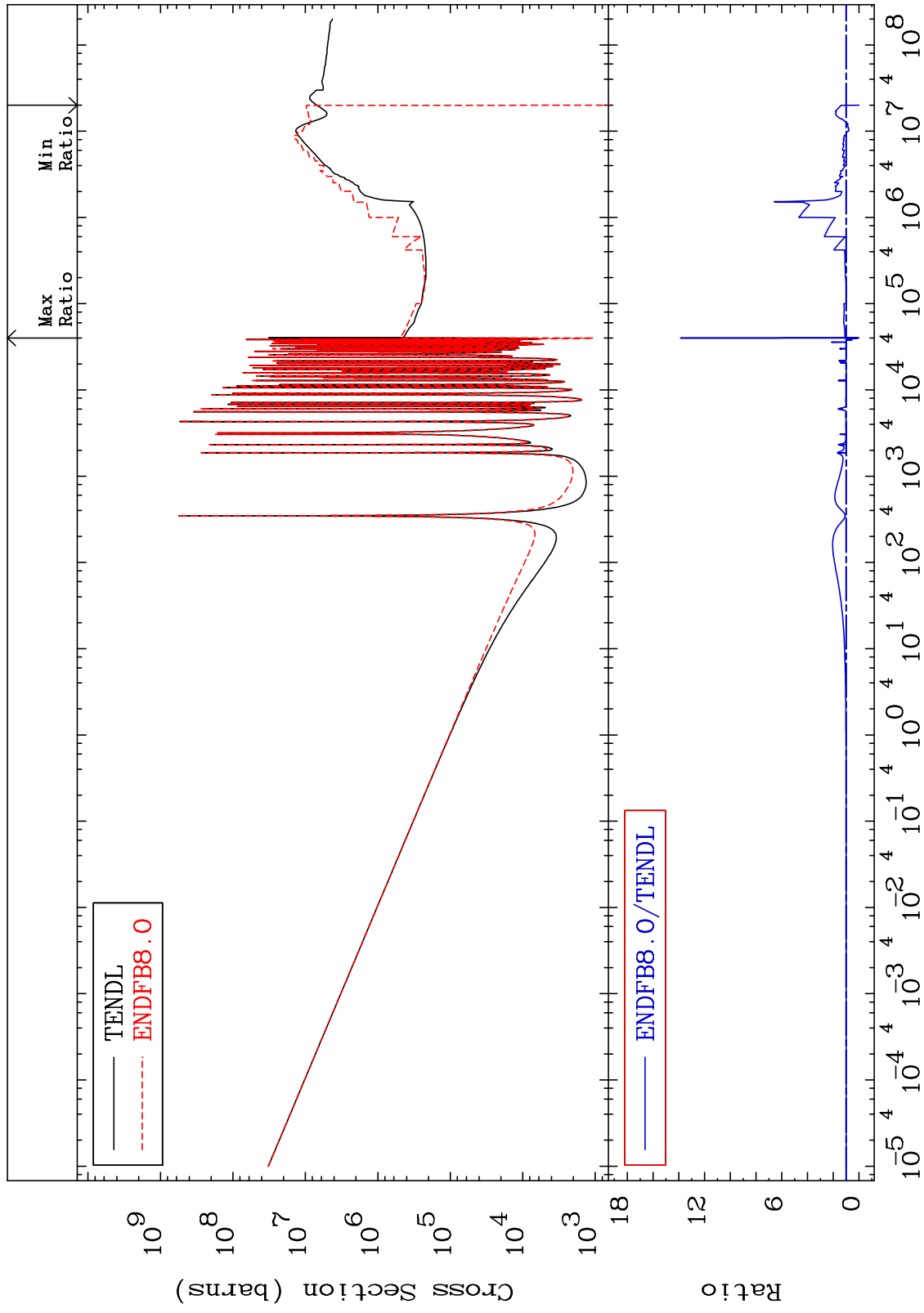
42-Mo-92
-79.43 To 9999. %



MAT 4225

Total photon (eV-barns)
Cross Section

42-Mo-92
-100.0 To 1285. %

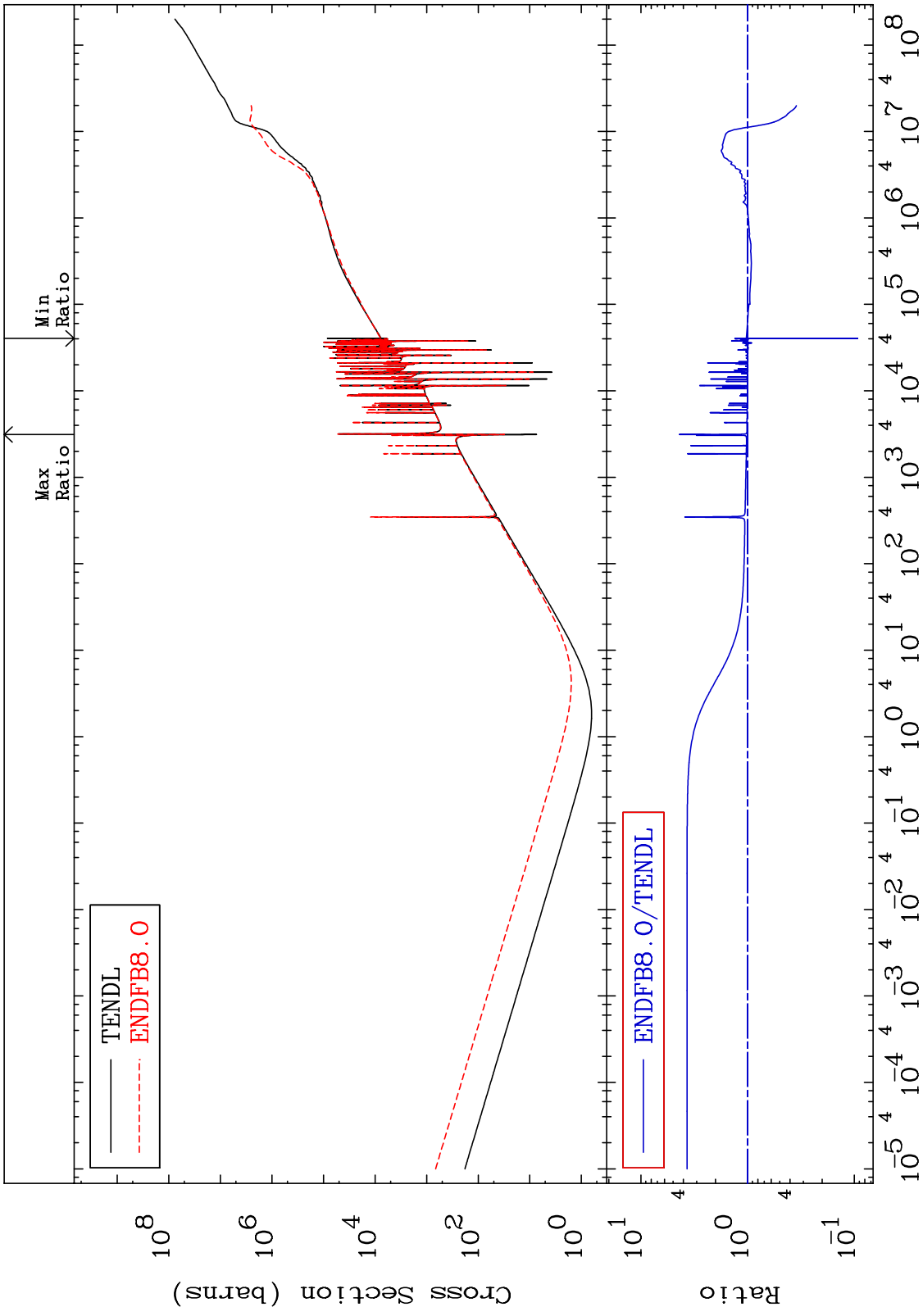


42

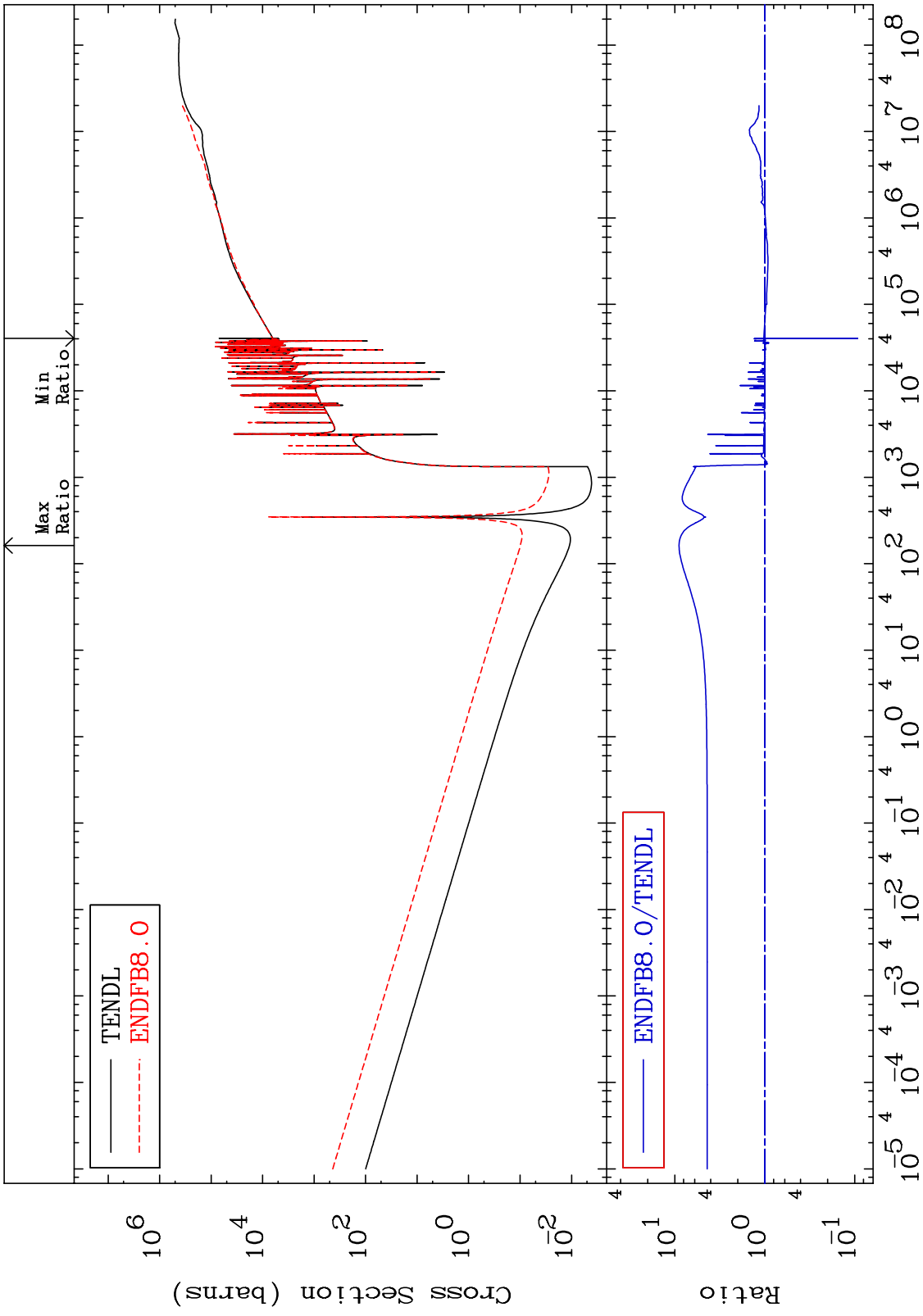
Incident Energy (eV)

42-Mo-92

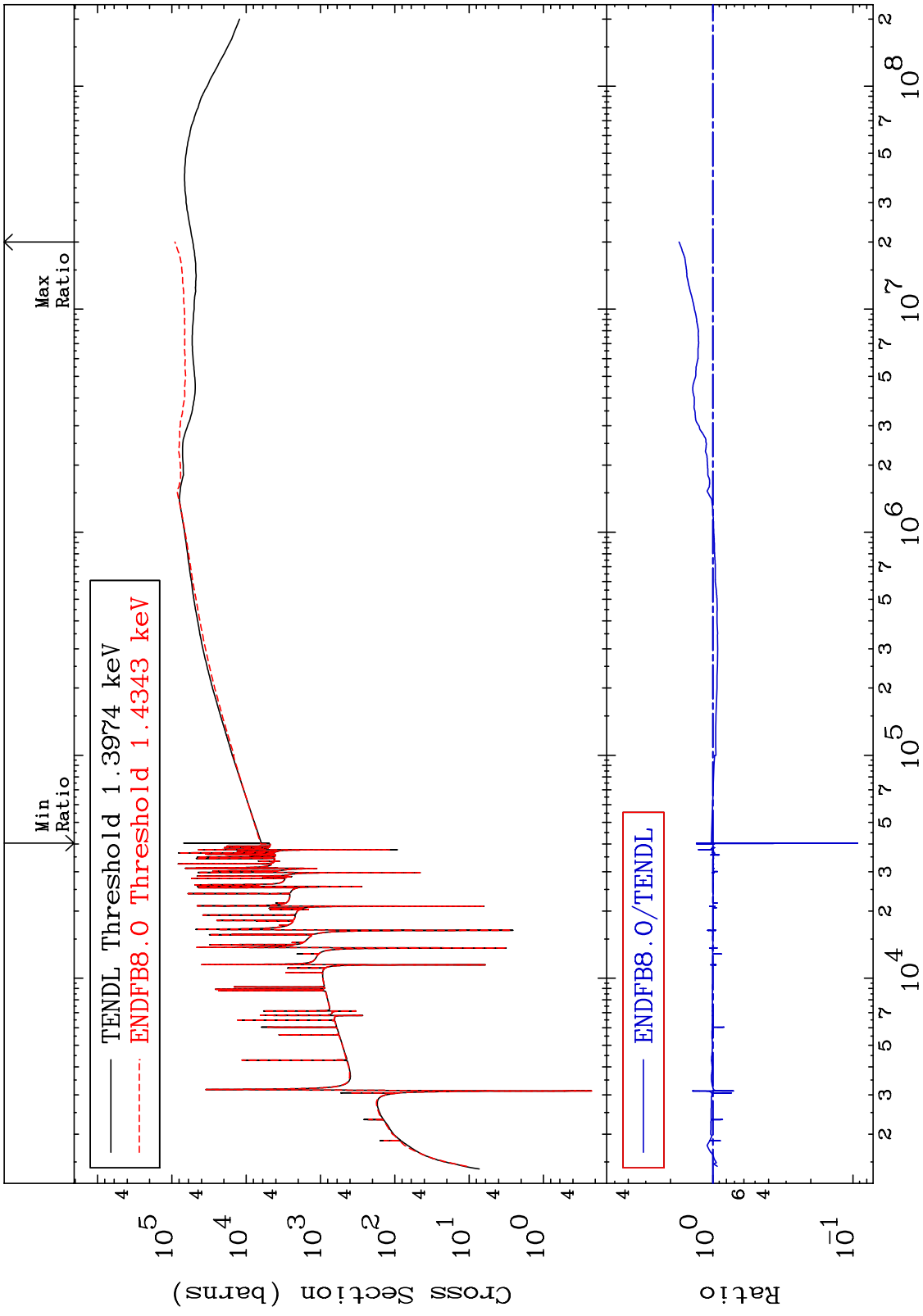
MAT 4225 Total kinematic kerma (high limit) 42-Mo-92
 Cross Section -90.72 To 338.9 %



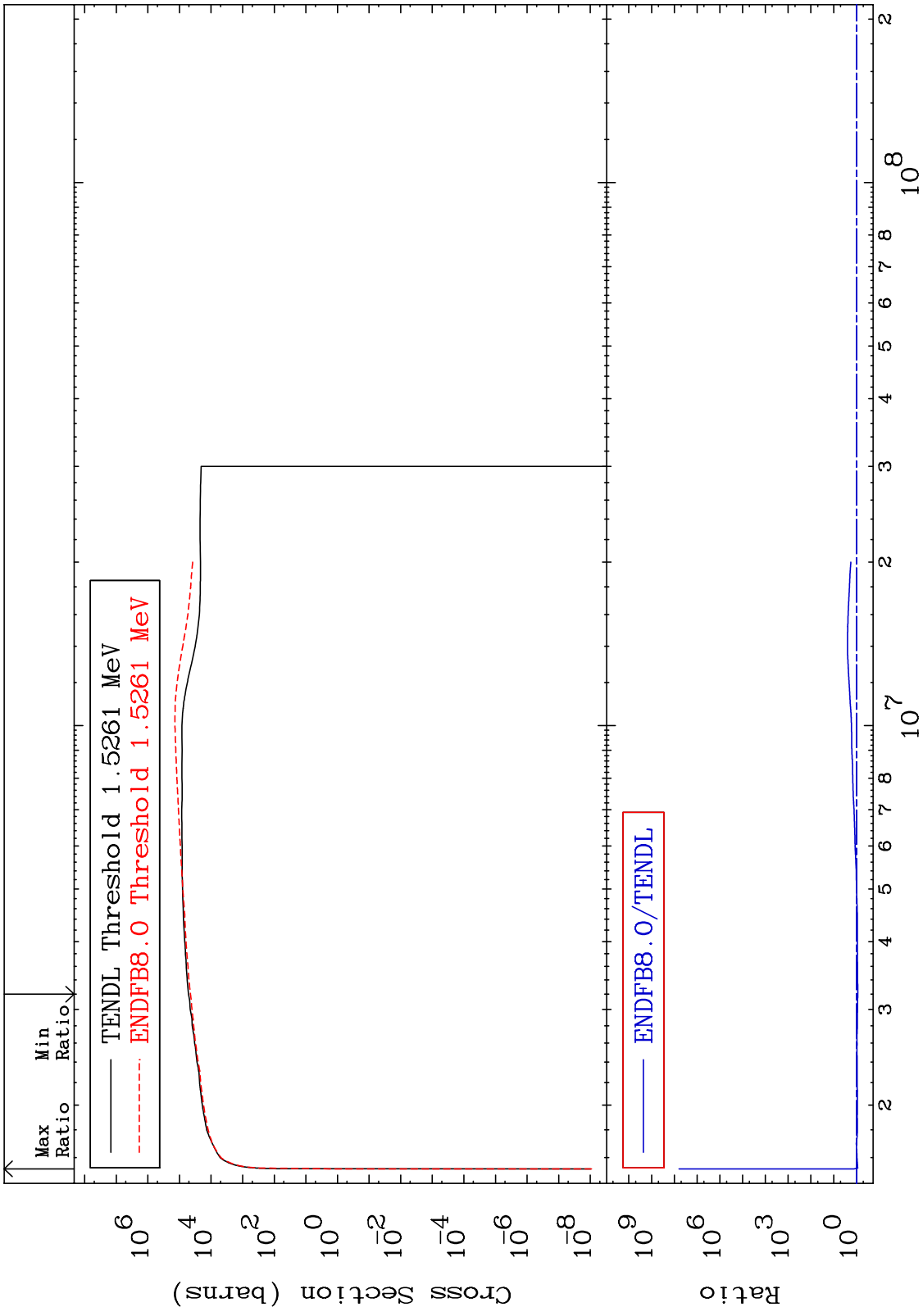
MAT 4225 Dpa total (eV-barns) 42-Mo-92
 -90.74 To 796.9 %



MAT 4225 Dpa elastic (mt2) Cross Section 42-Mo-92 -90.75 To 73.93 %



MAT 4225 Dpa inelastic (mt51-91) 42-Mo-92
 Cross Section -13.53 To 9999. %



MAT 4225

Dpa disappearance (mt102 -120)
Cross Section

42-Mo-92
-92.49 To 9999. %

