

Program Complot  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

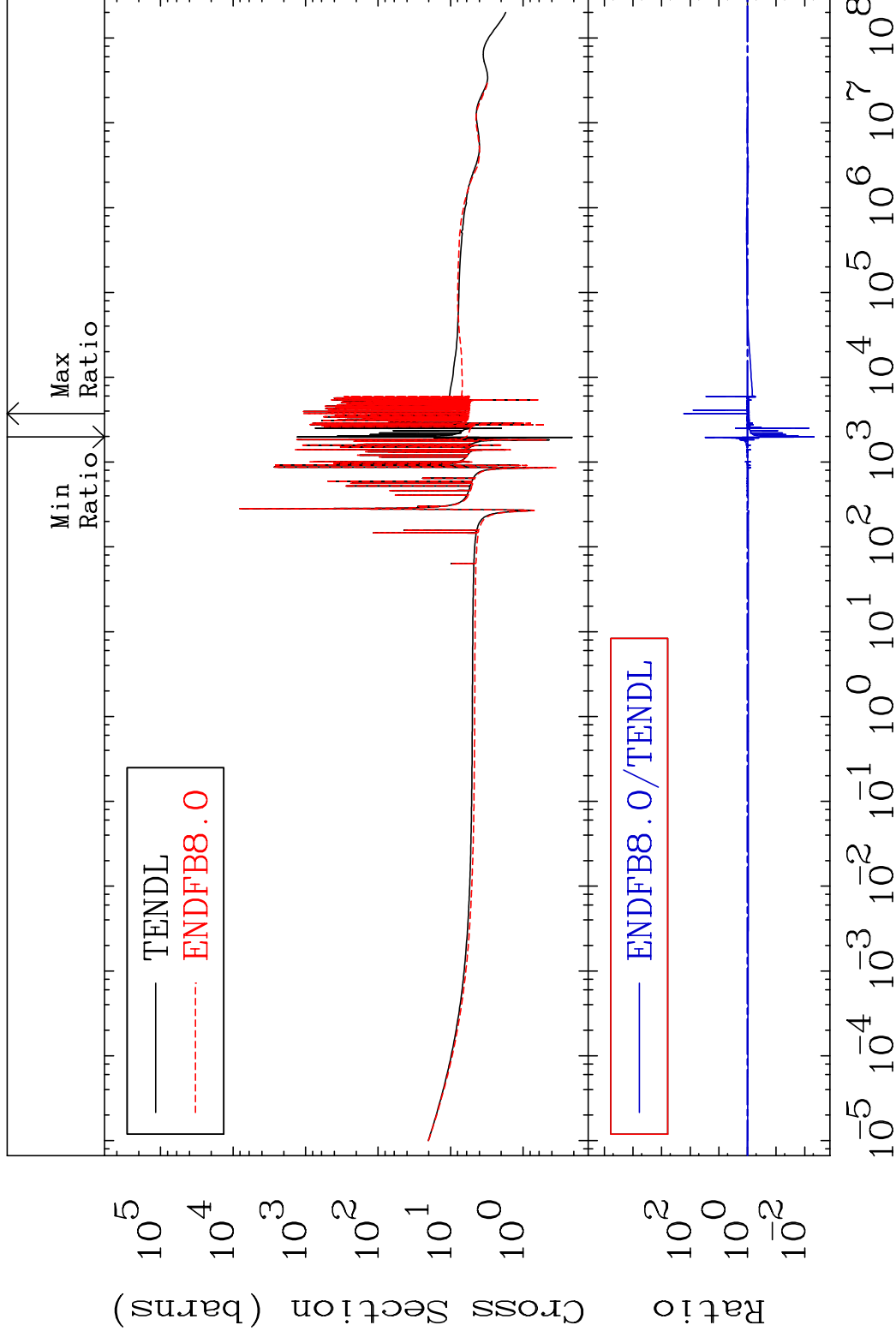
MAT 4637

Total

46-Pd-106

Cross Section

-99.53 To 9999. %



1

Incident Energy (eV)

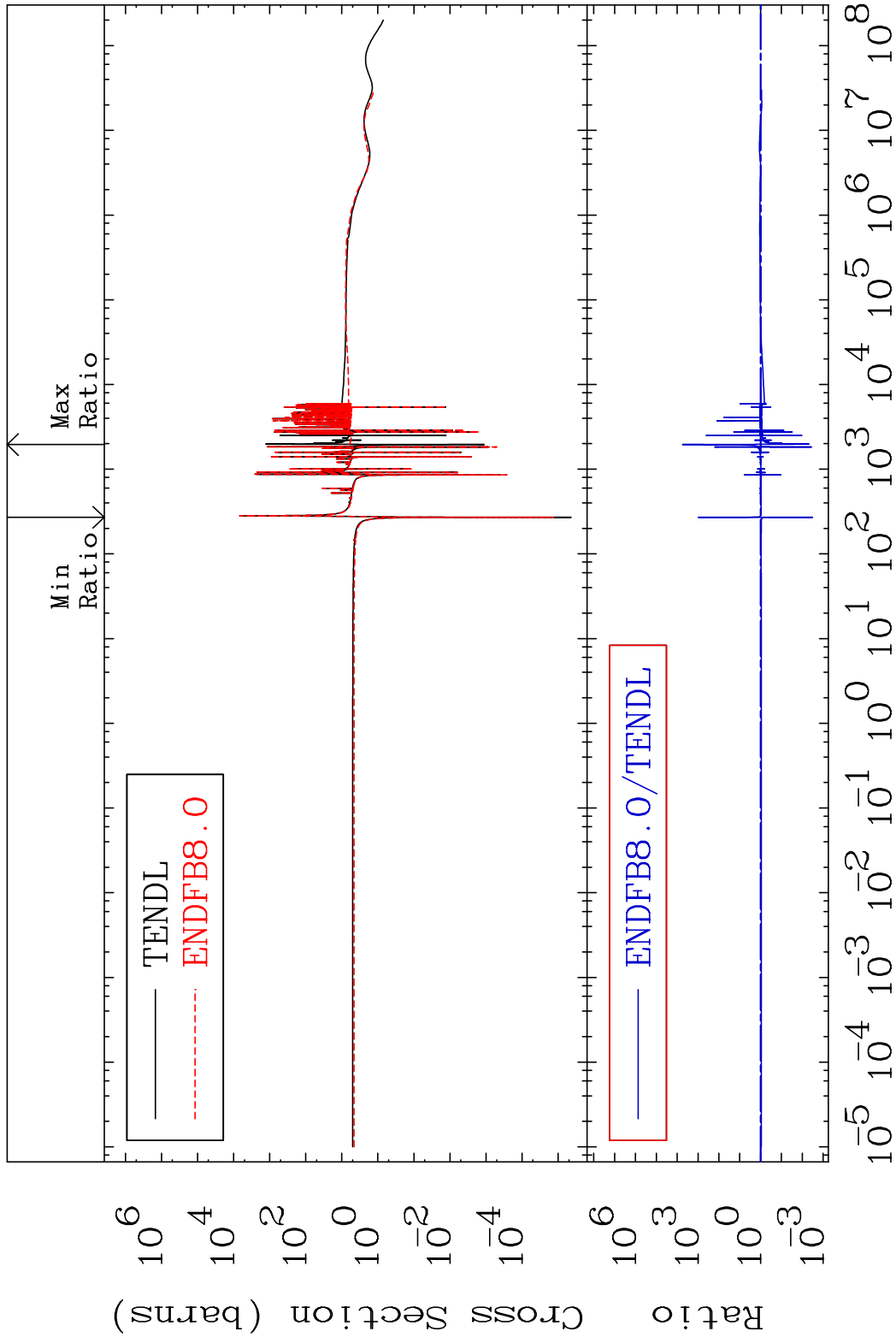
46-Pd-106

MAT 4637

Elastic

46-Pd-106

Cross Section -99.68 To 9999. %

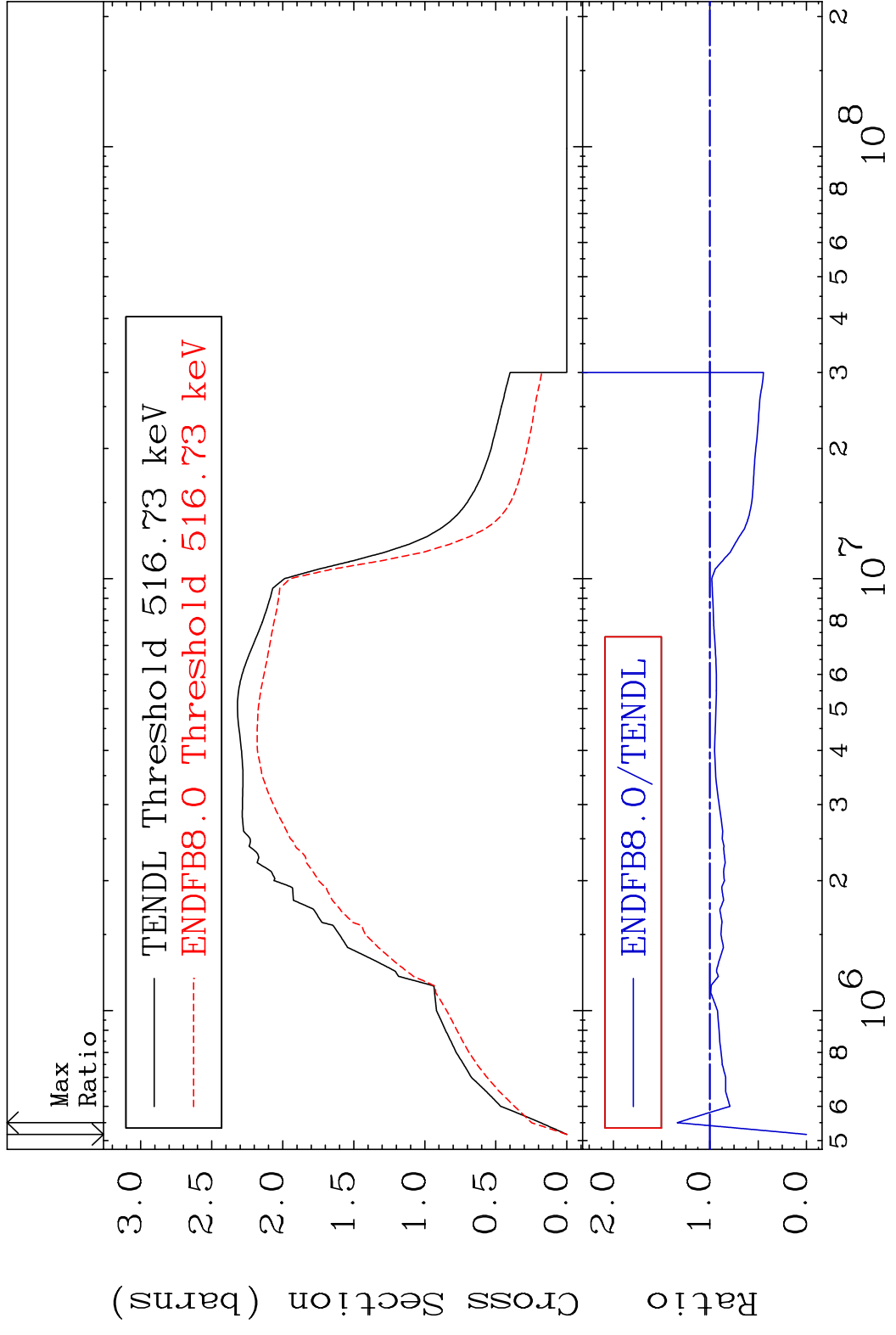


2

Incident Energy (eV)

46-Pd-106

MAT 4637 Inelastic 46-Pd-106  
 Cross Section -100.0 To 33.90 %



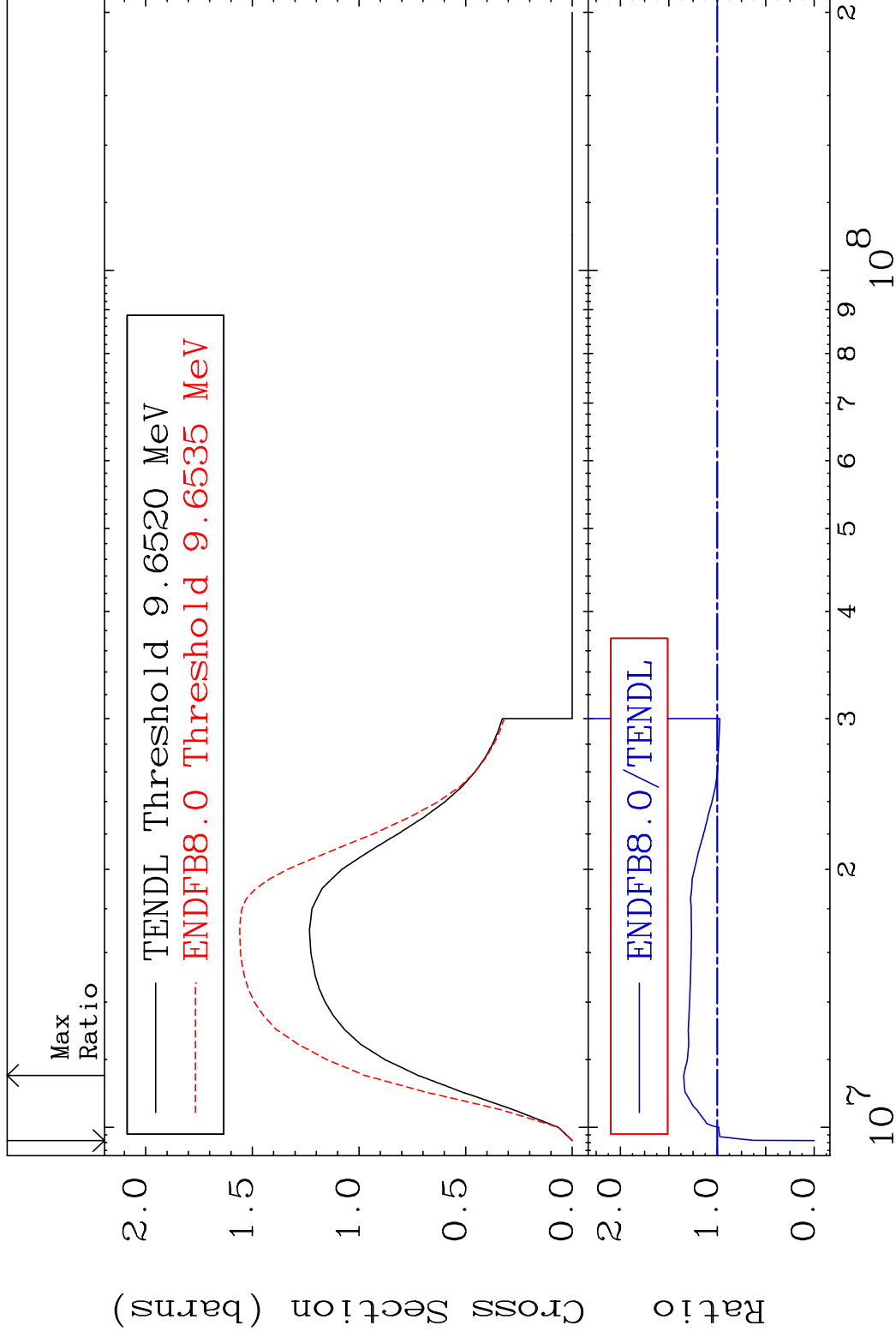
3 Incident Energy (eV) 46-Pd-106

MAT 4637

(n,2n)

46-Pd-106

Cross Section -100.0 To 34.71 %



4

Incident Energy (eV)

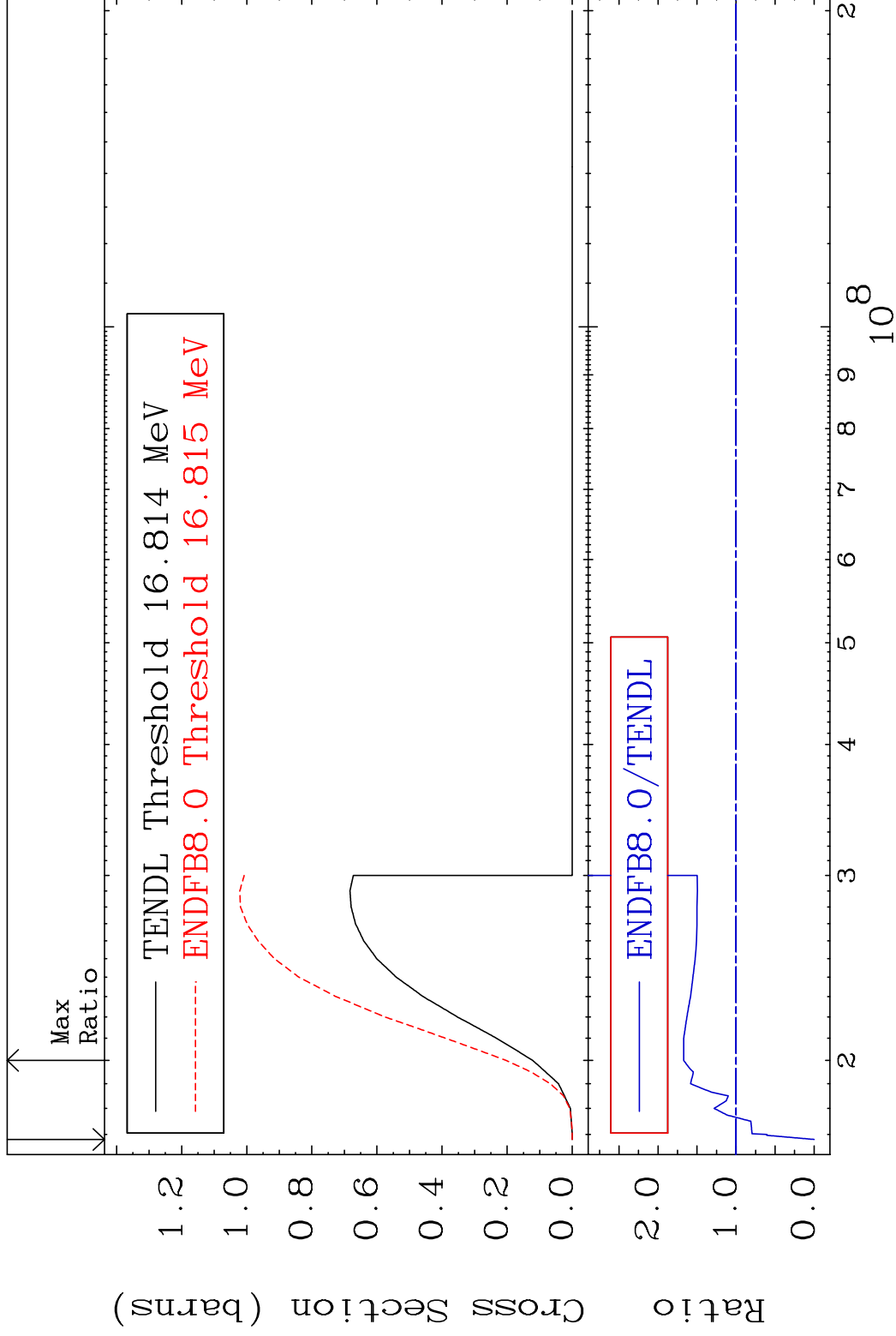
46-Pd-106

MAT 4637

(n,3n)

46-Pd-106

Cross Section -100.0 To 67.17 %

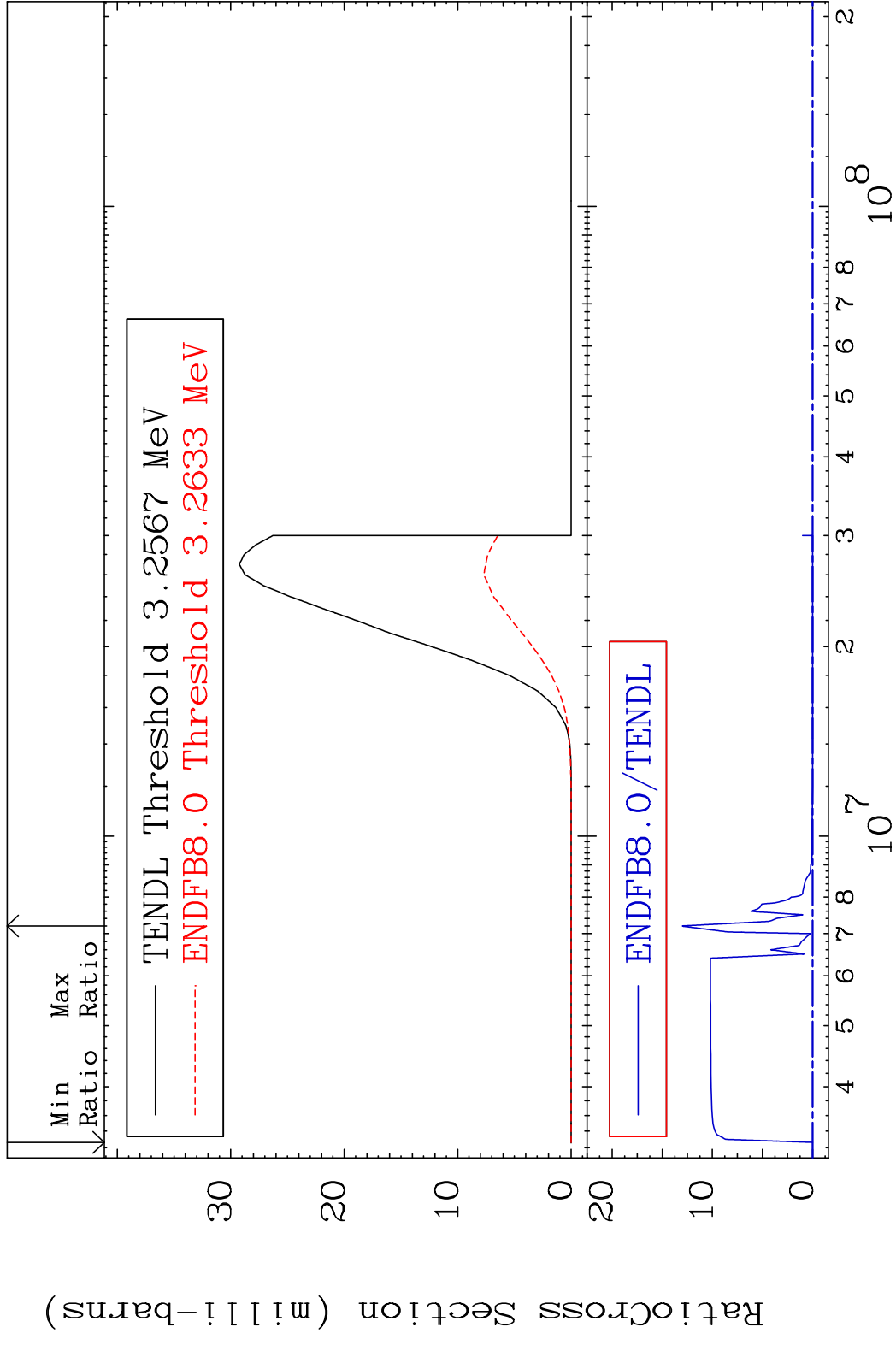


5

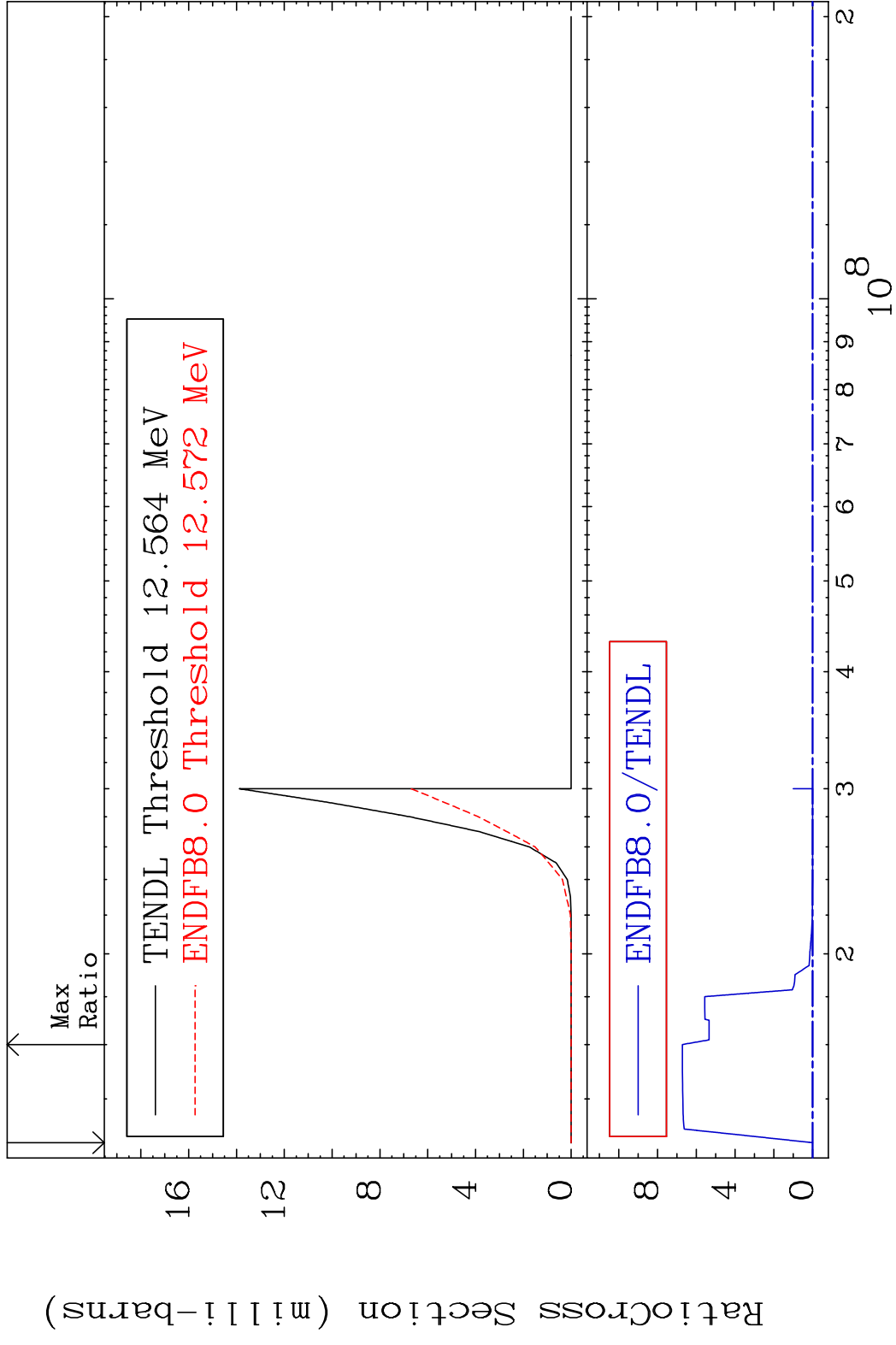
Incident Energy (eV)

46-Pd-106

MAT 4637 (n, n')  $\alpha$  46-Pd-106  
 Cross Section -100.0 To 9999. %



MAT 4637 (n,2n)  $\alpha$  46-Pd-106  
 Cross Section -100.0 To 9999. %



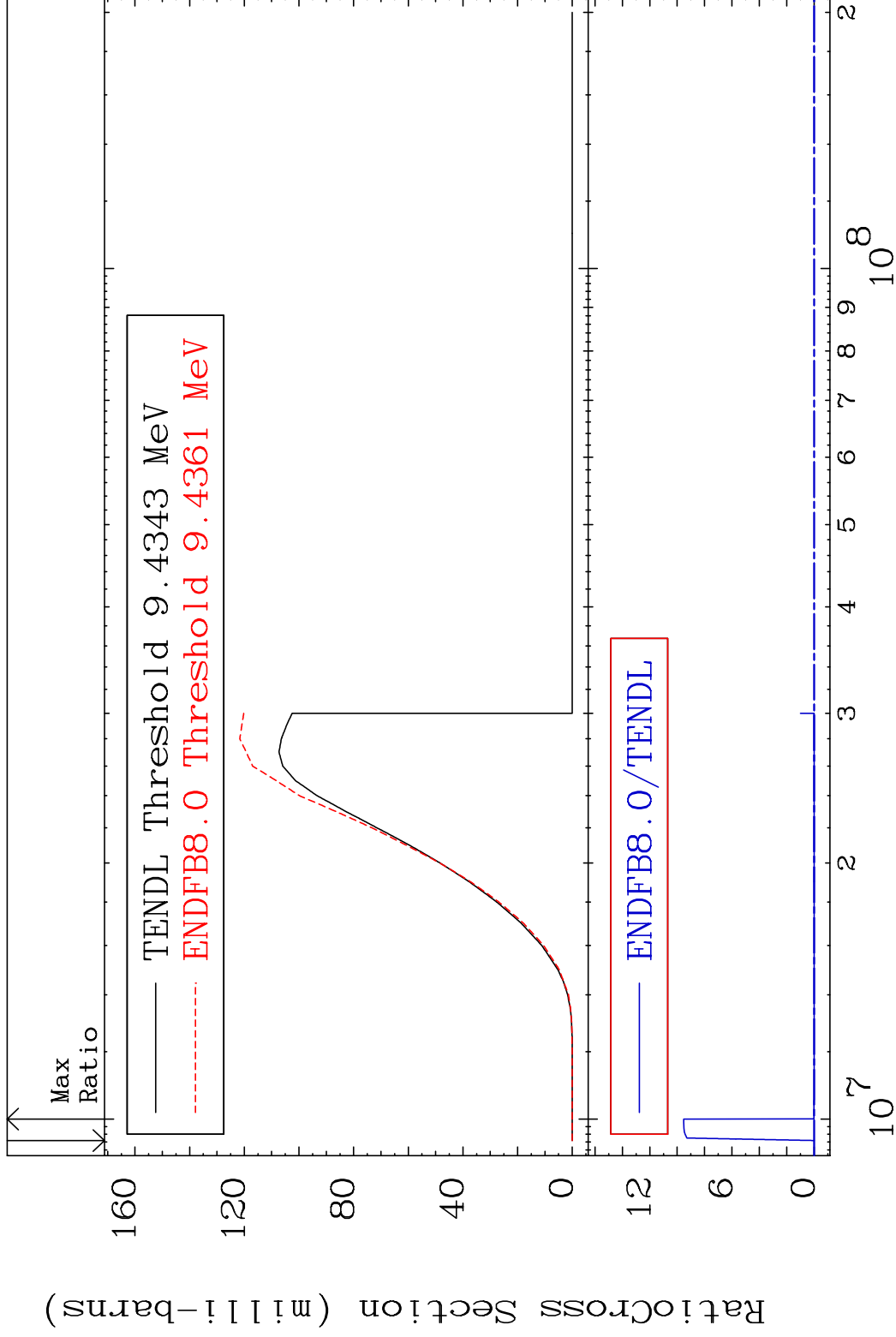


MAT 4637

(n, n') p

46-Pd-106

Cross Section -100.0 To 9999. %

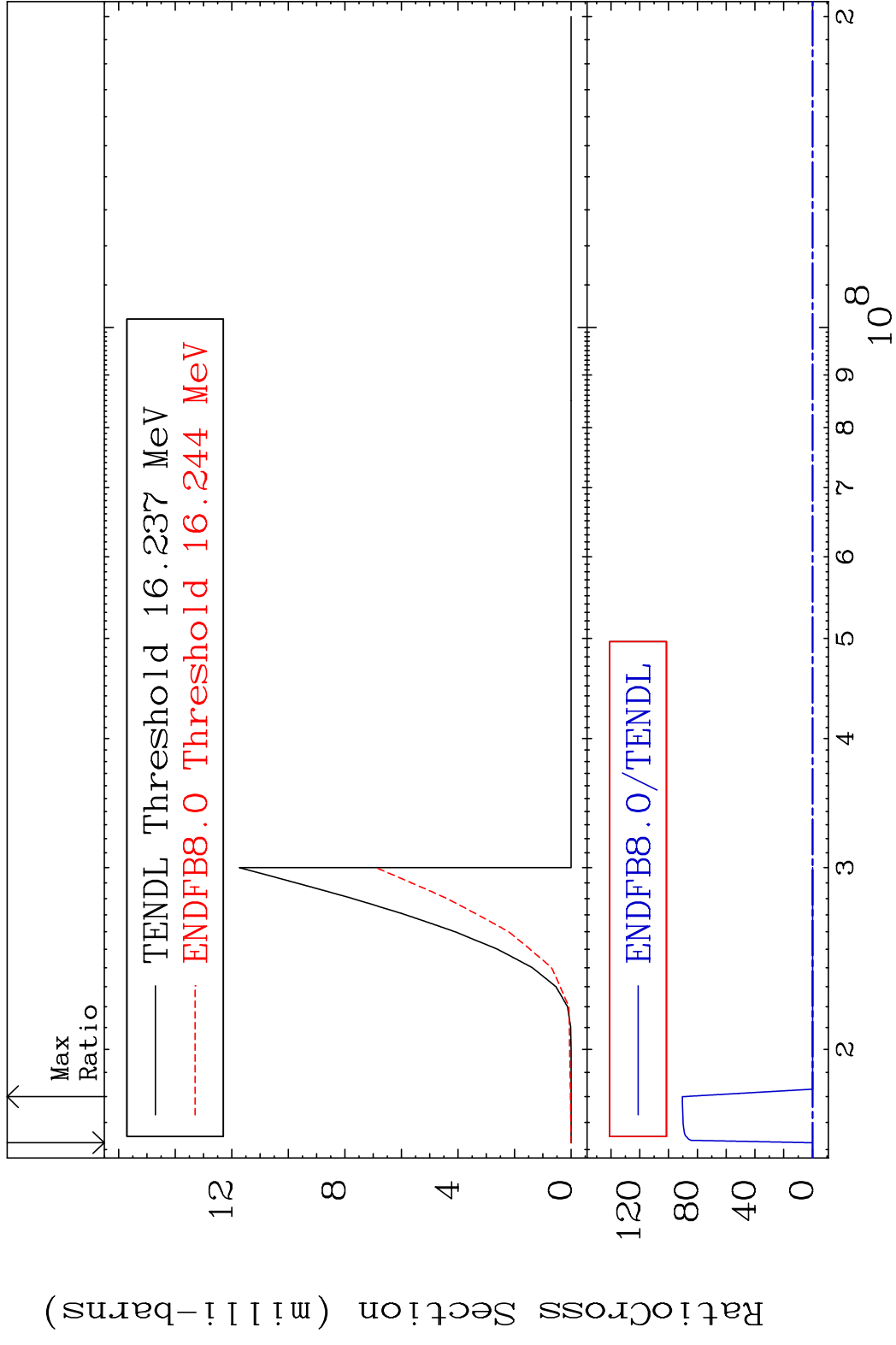


8

Incident Energy (eV)

46-Pd-106

MAT 4637 (n, n') d 46-Pd-106  
 Cross Section -100.0 To 9999. %

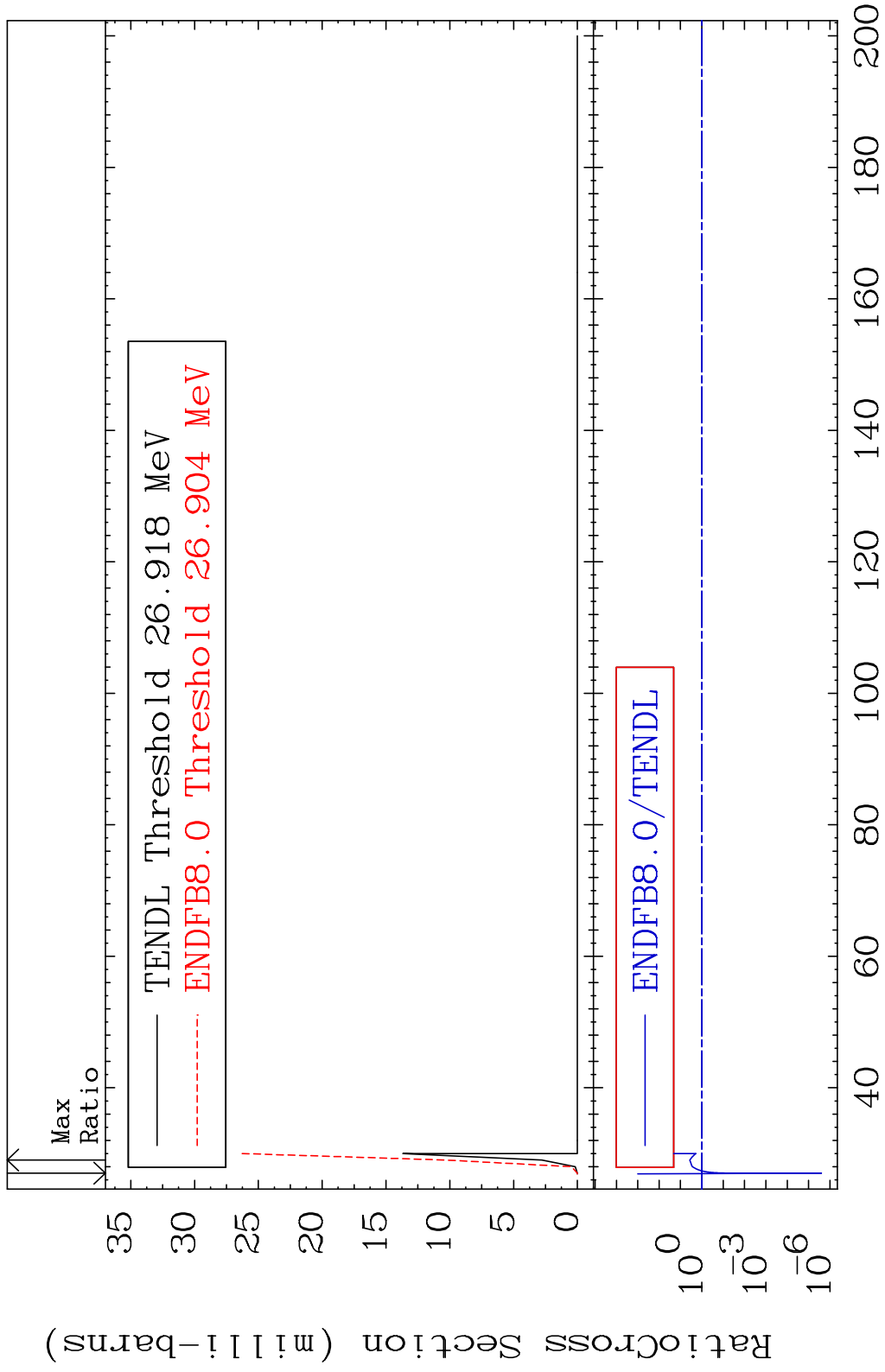


MAT 4637

(n,4n)

46-Pd-106

Cross Section -100.0 To 266.3 %

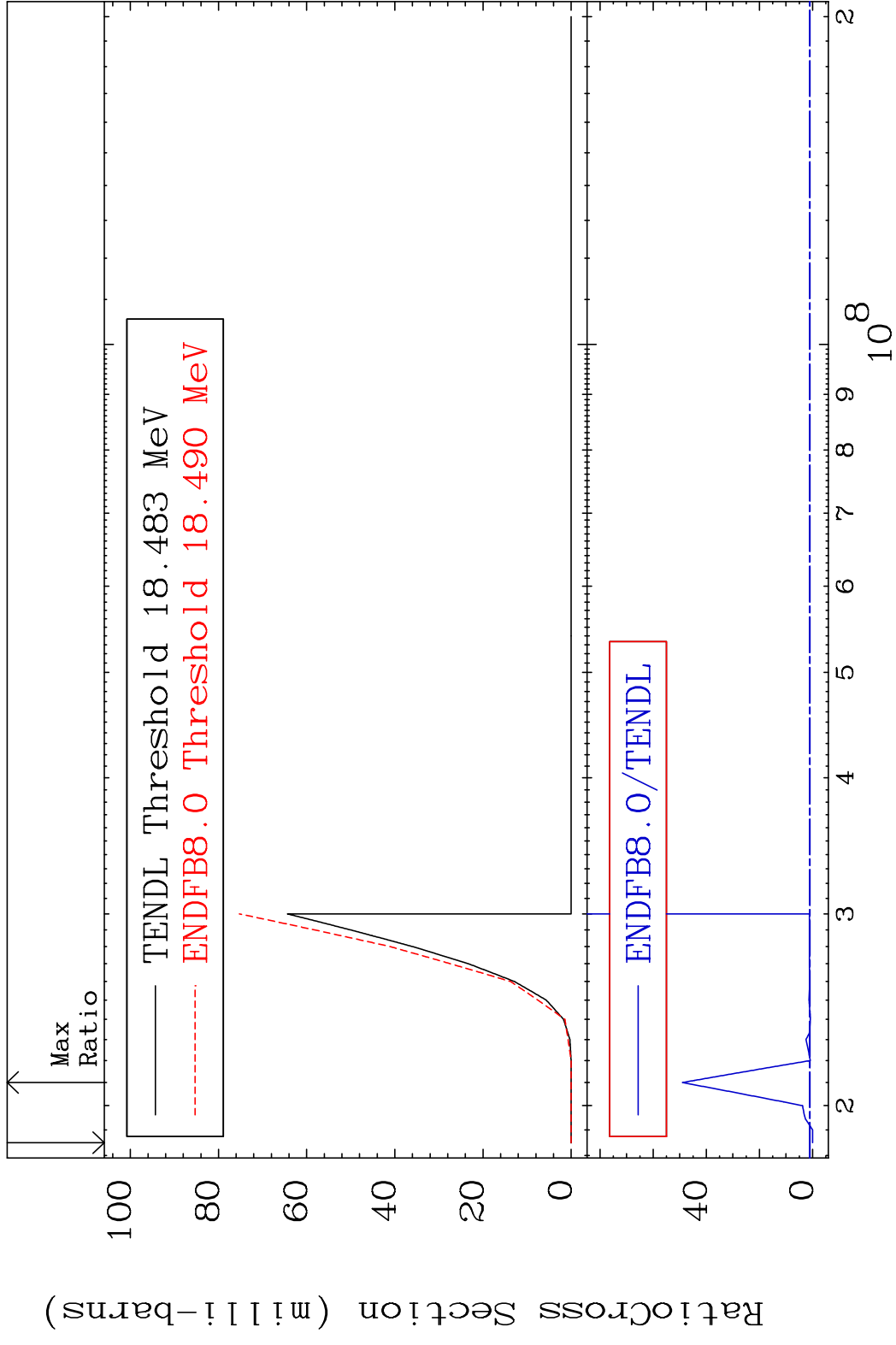


10

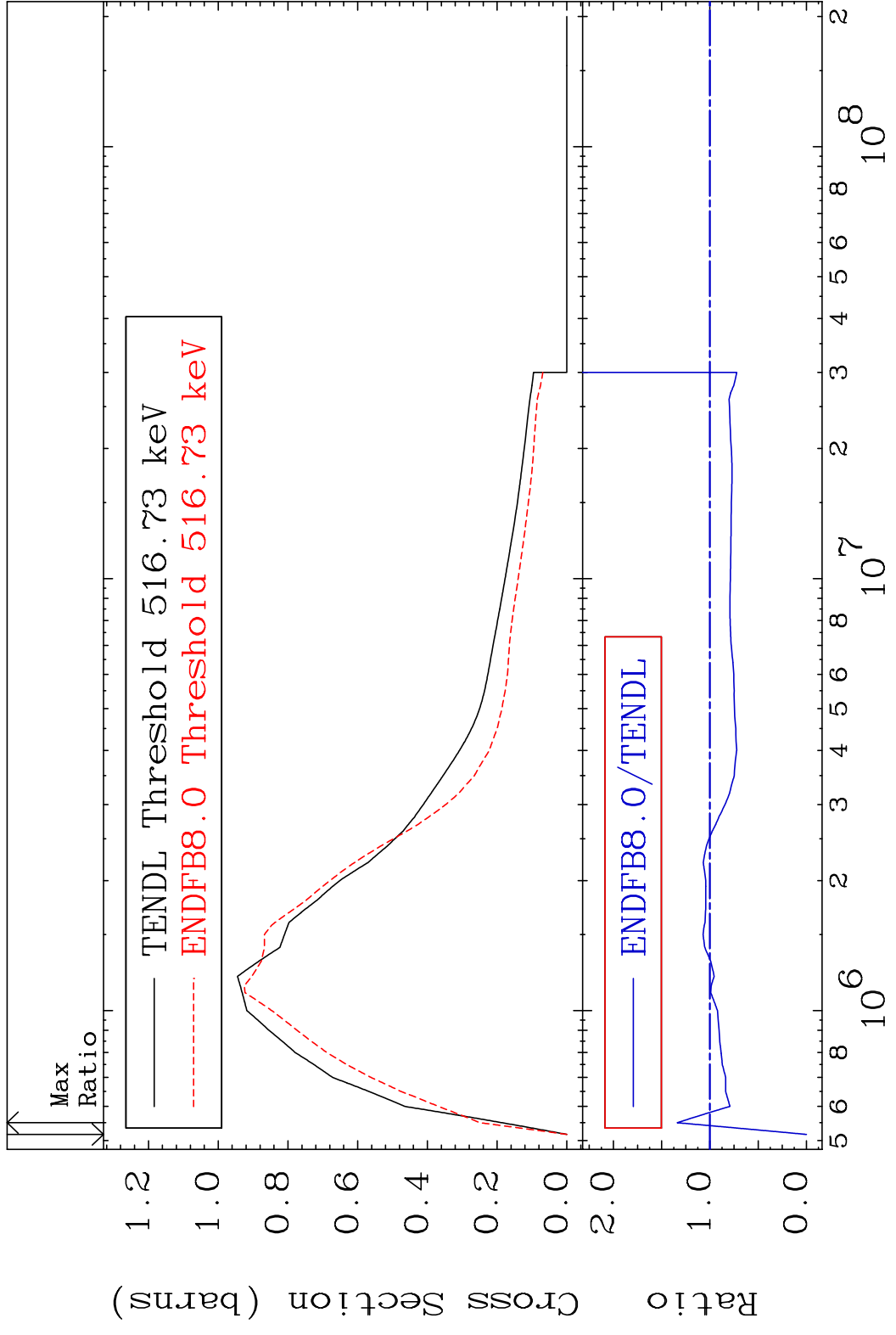
Incident Energy (MeV)

46-Pd-106

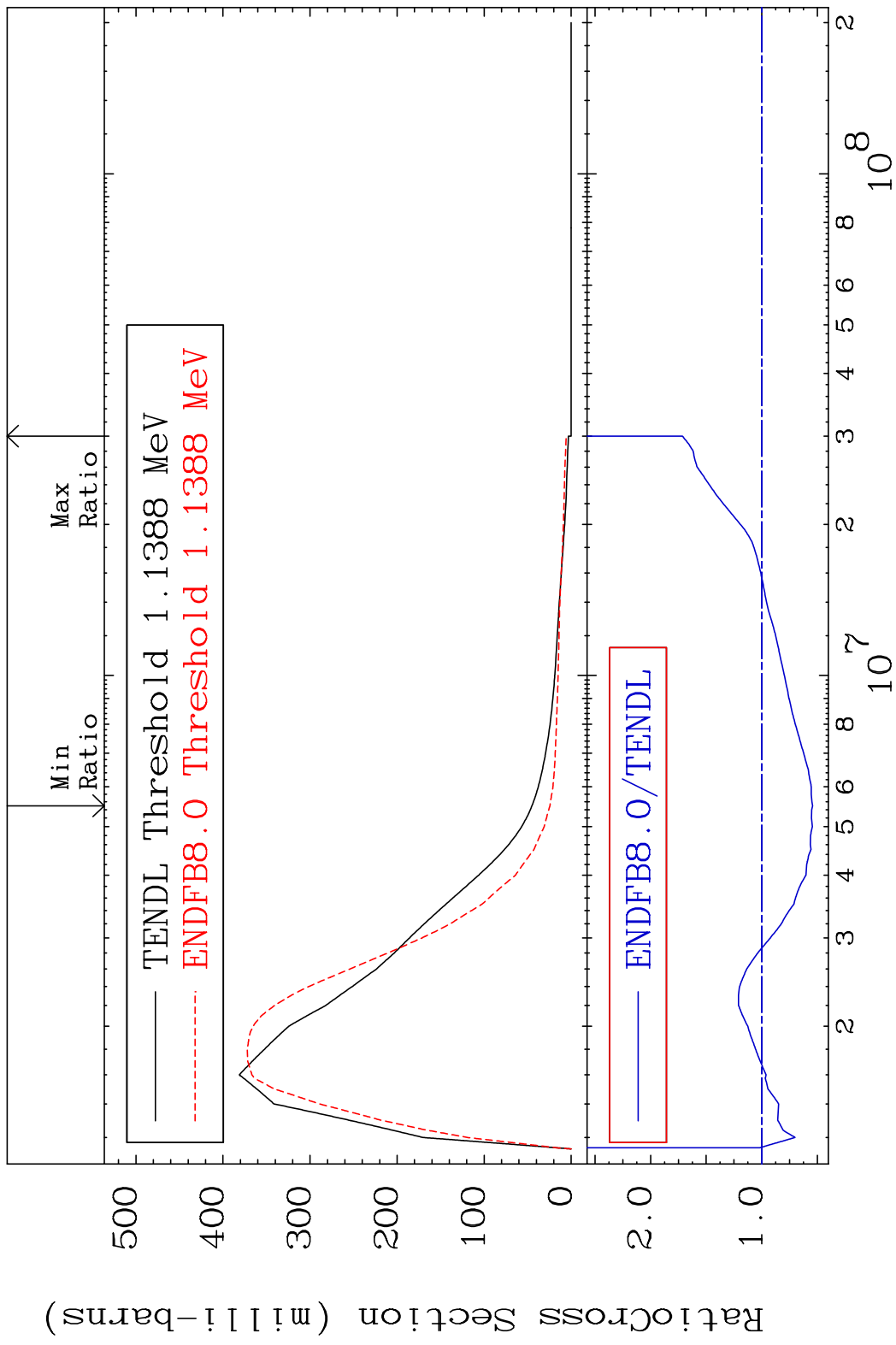
MAT 4637 (n,2n) p 46-Pd-106  
 Cross Section -100.0 To 4801. %



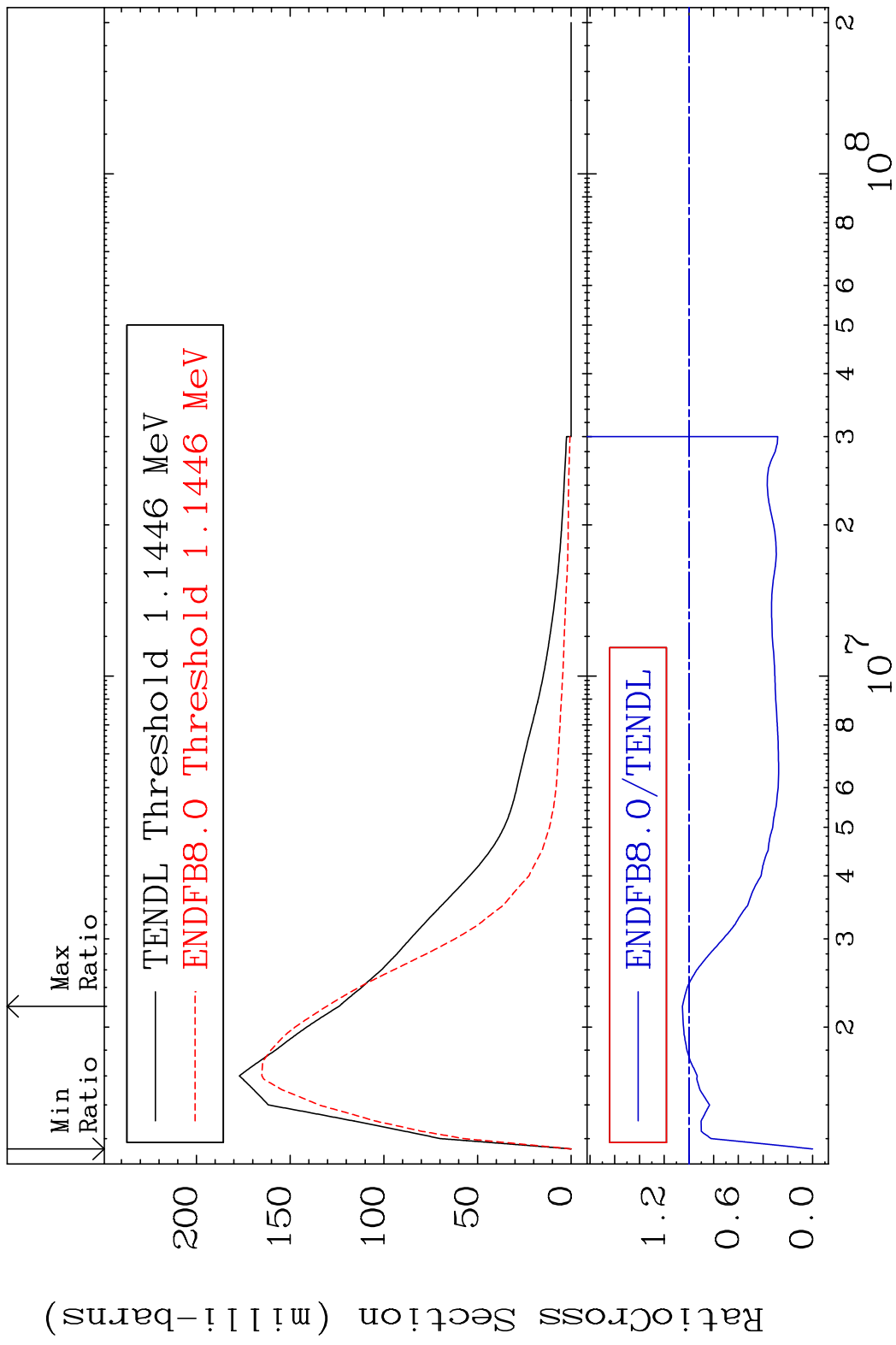
MAT 4637 MT= 51 (n,n') Level 46-Pd-106  
 Cross Section -100.0 To 33.90 %



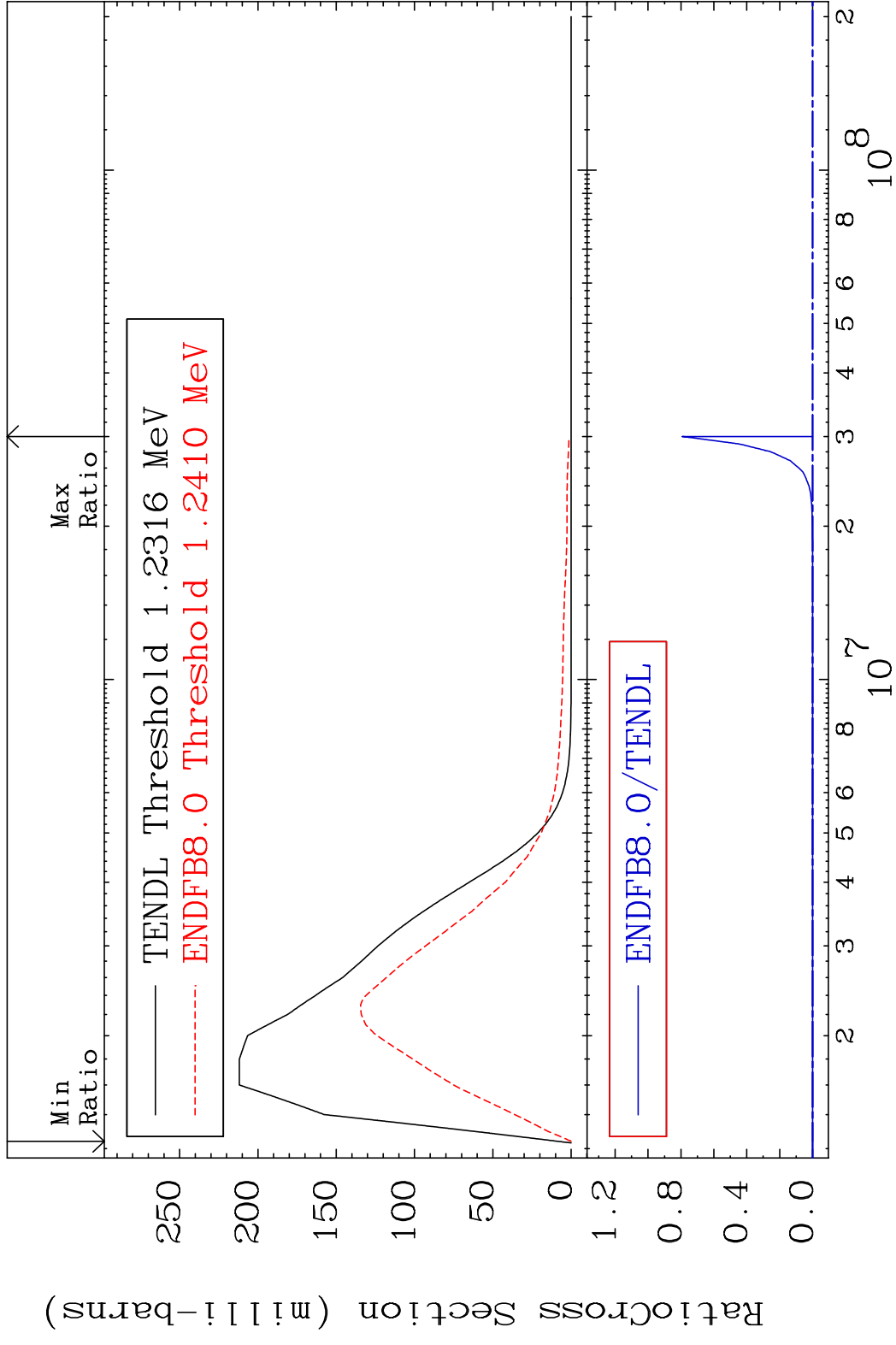
MAT 4637 MT= 52 (n, n') Level 46-Pd-106  
 Cross Section -45.72 To 71.47 %



MAT 4637 MT= 53 (n, n') Level 46-Pd-106  
 Cross Section -100.0 To 5.295 %

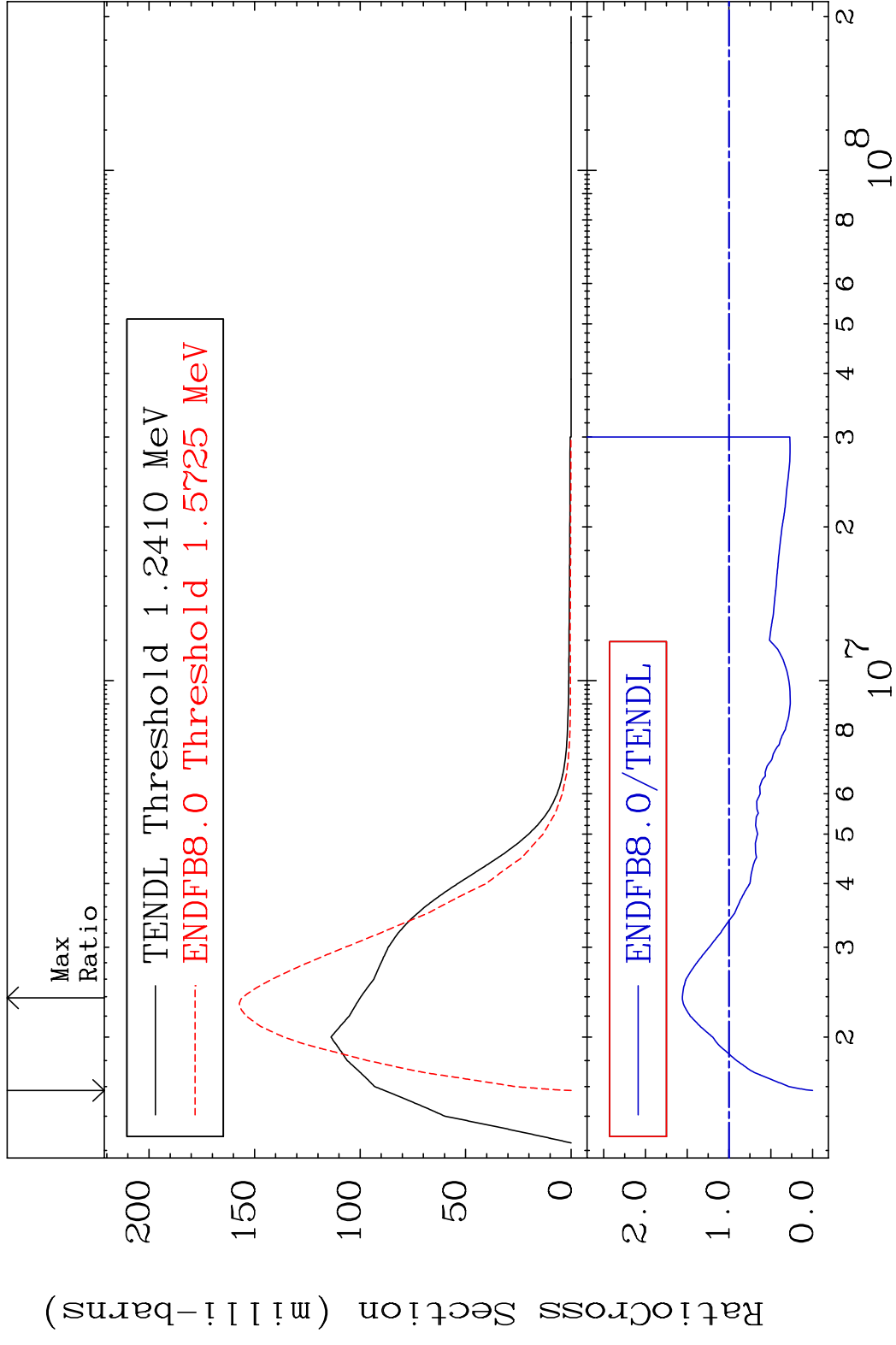


MAT 4637 MT= 54 (n,n') Level 46-Pd-106  
 Cross Section -100.0 To 9999. %

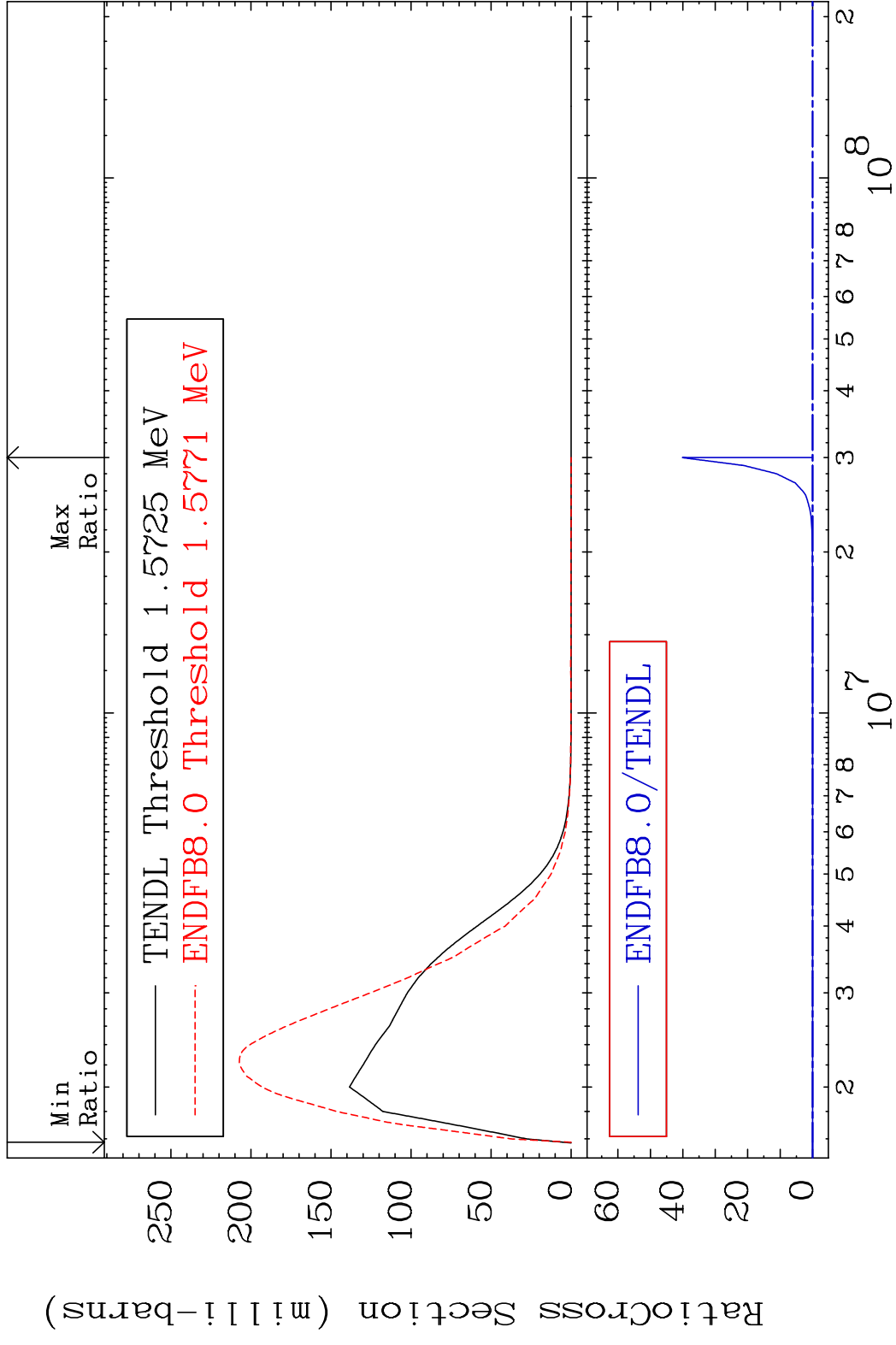




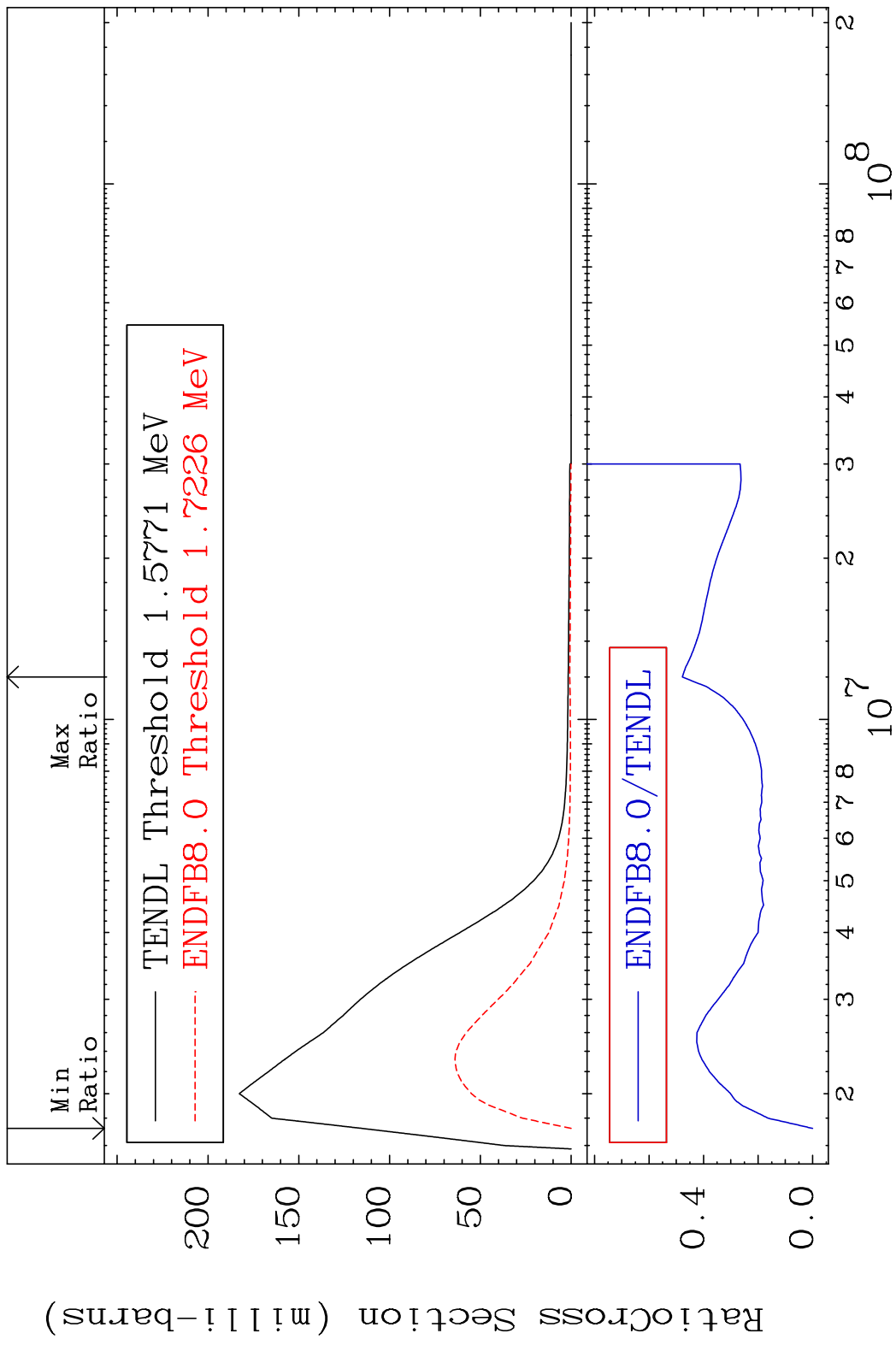
MAT 4637 MT= 55 (n,n') Level 46-Pd-106  
 Cross Section -100.0 To 55.86 %



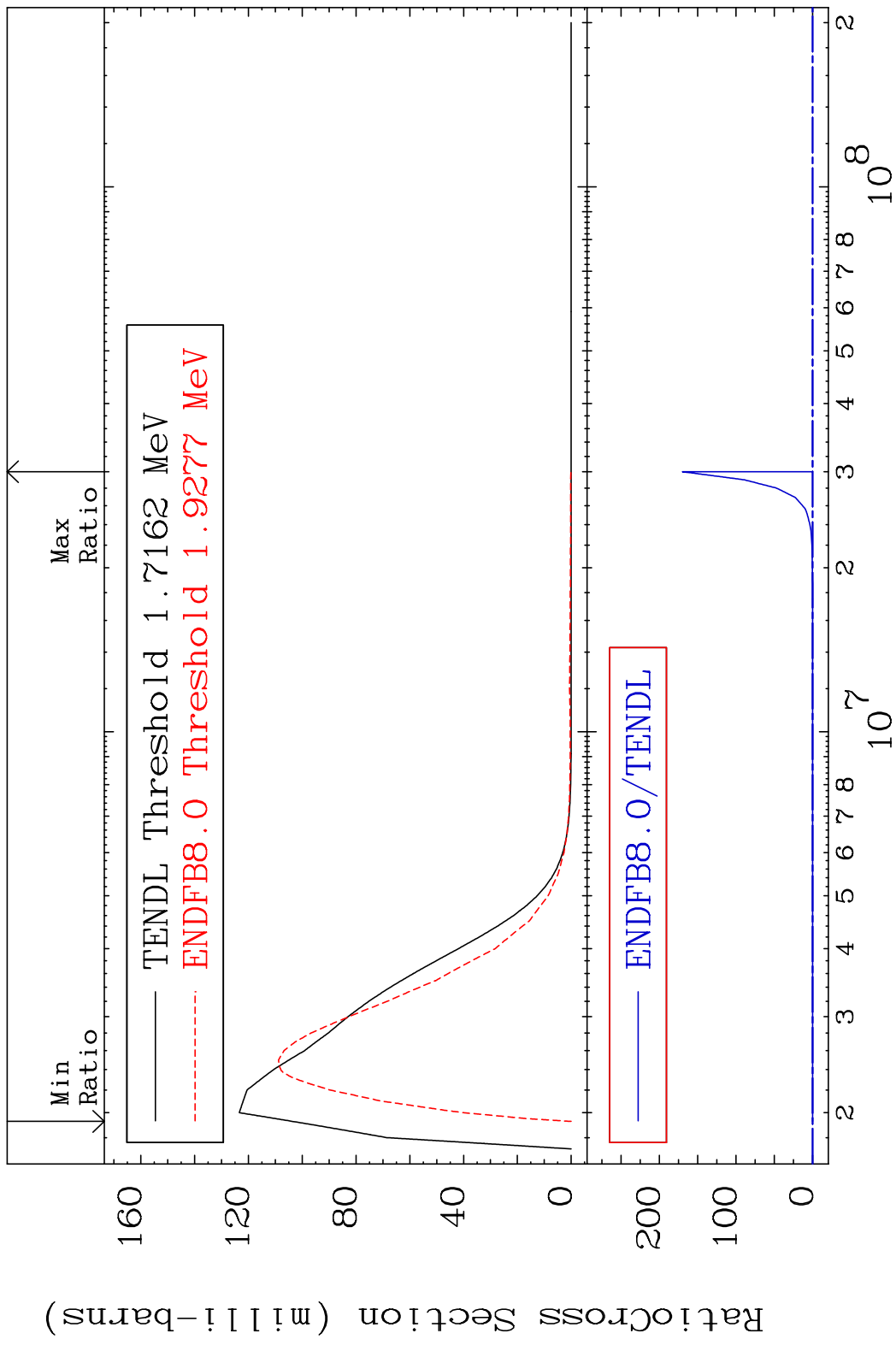
MAT 4637 MT= 56 (n,n') Level 46-Pd-106  
 Cross Section -100.0 To 9999. %



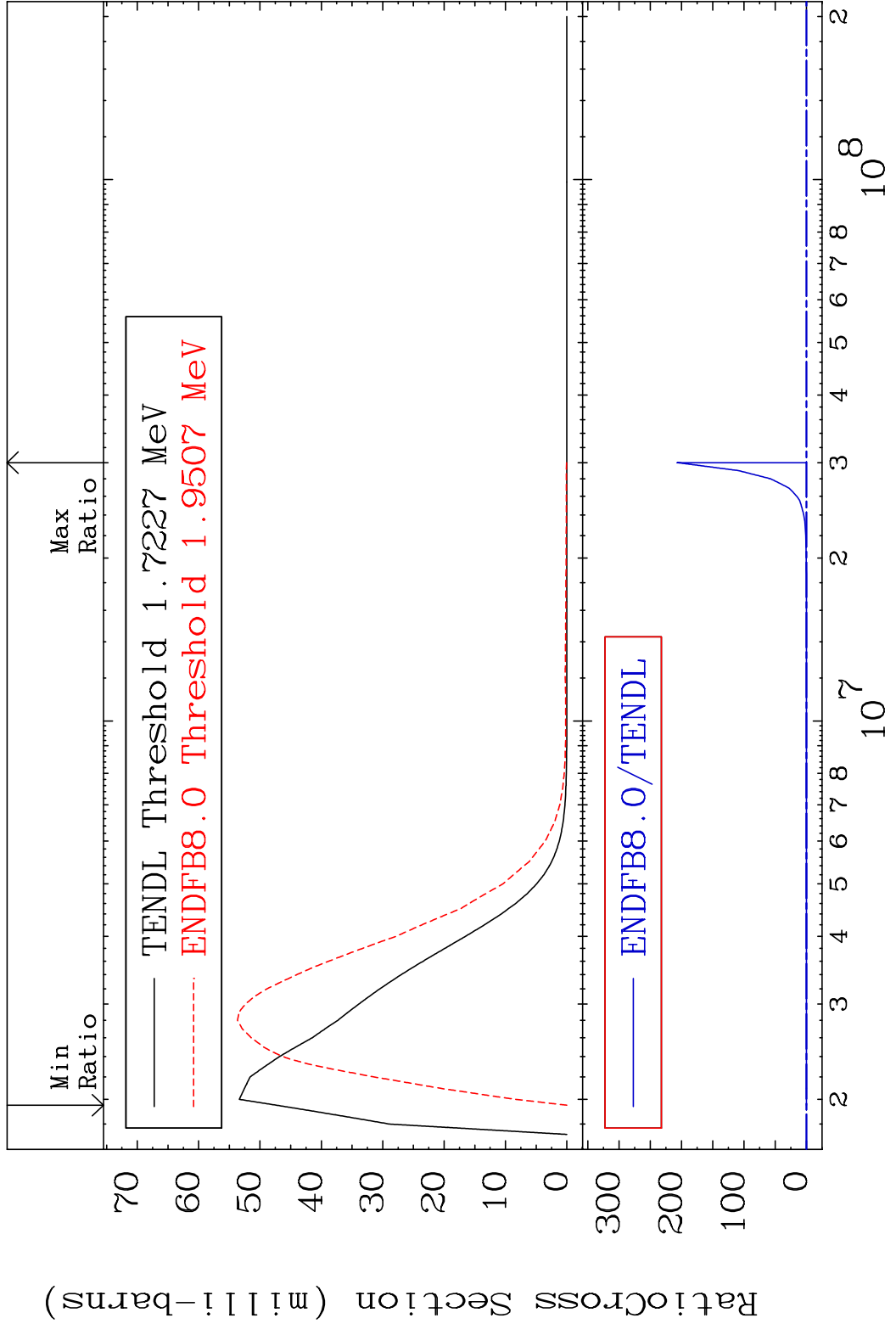
MAT 4637 MT= 57 (n, n') Level 46-Pd-106  
 Cross Section -100.0 To -52.23%



MAT 4637 MT= 58 (n, n') Level 46-Pd-106  
 Cross Section -100.0 To 9999. %

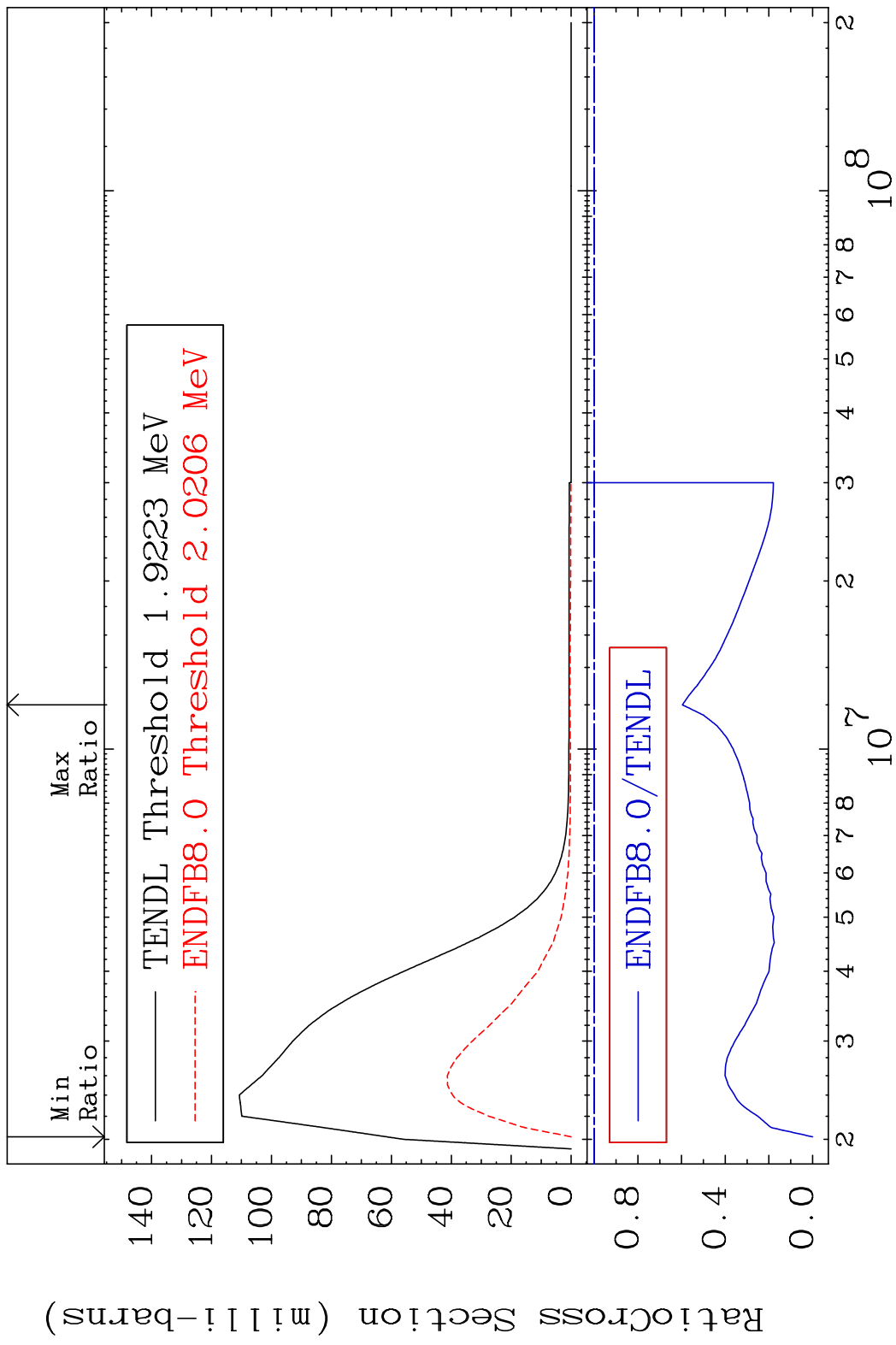


MAT 4637 MT= 59 (n, n') Level 46-Pd-106  
 Cross Section -100.0 To 9999. %

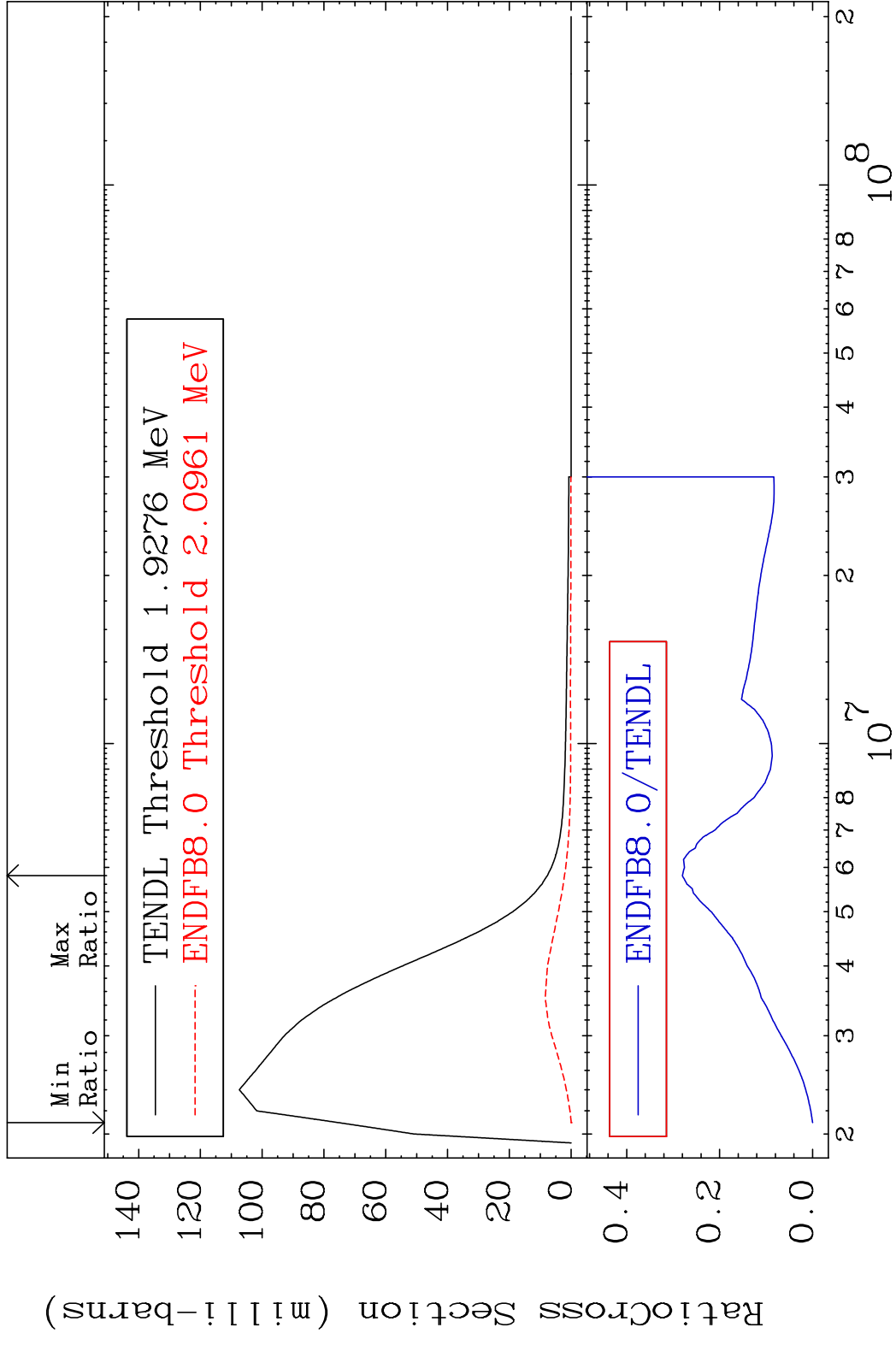


20 46-Pd-106

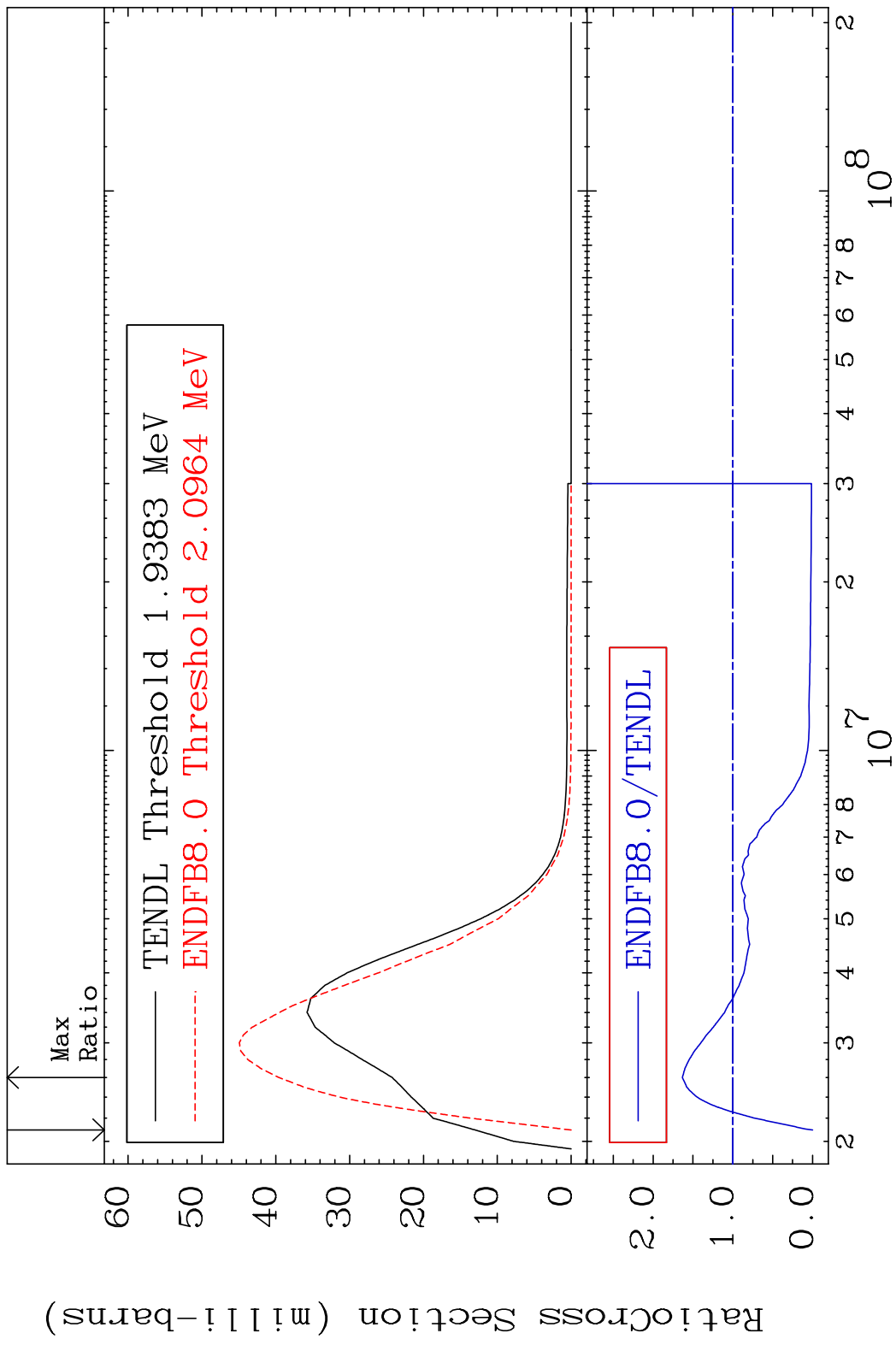
MAT 4637 MT= 60 (n, n') Level 46-Pd-106  
 Cross Section -100.0 To -40.36%



MAT 4637 MT= 61 (n,n') Level 46-Pd-106  
 Cross Section -100.0 To -71.97%

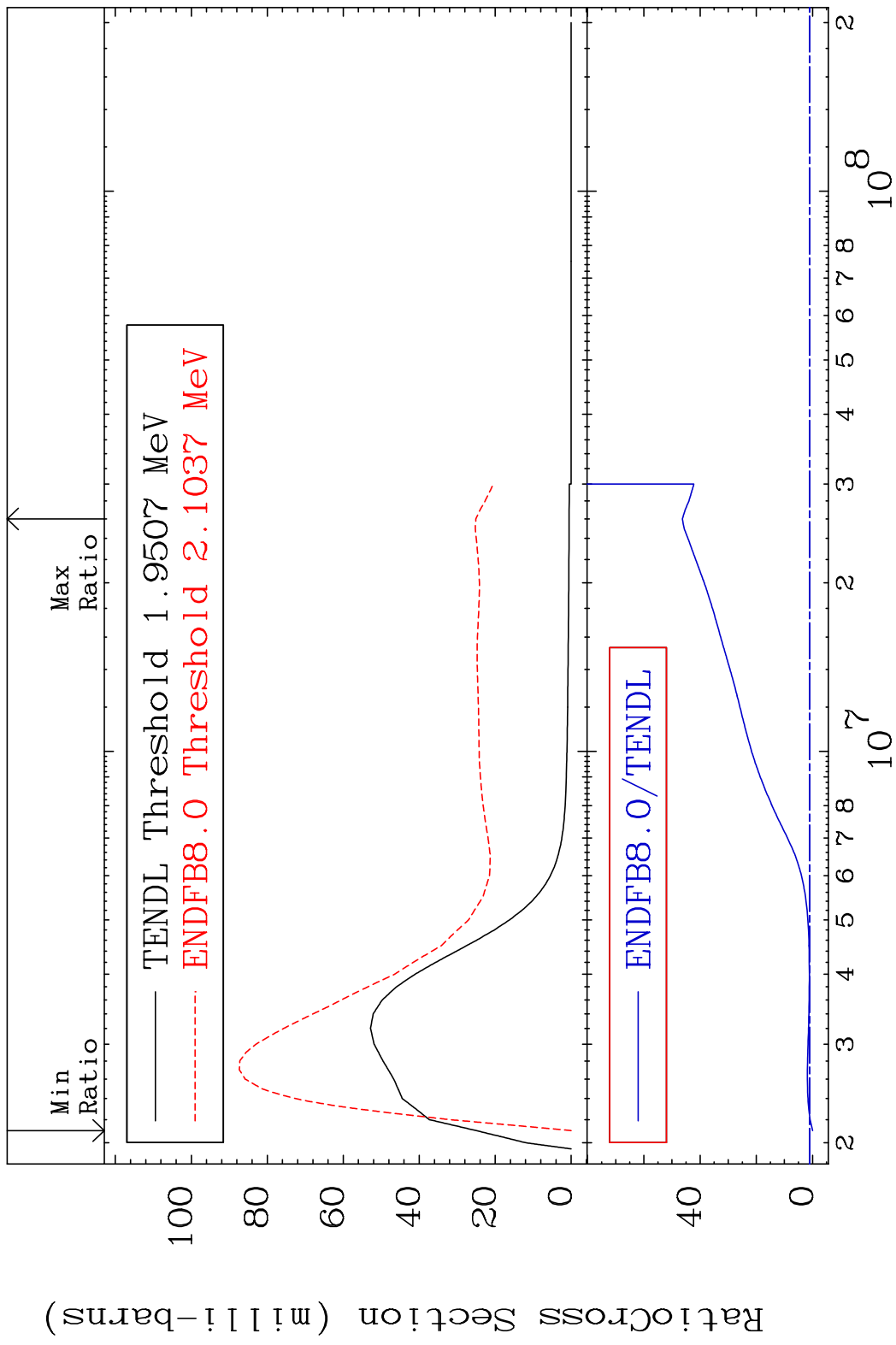


MAT 4637 MT= 62 (n, n') Level 46-Pd-106  
 Cross Section -100.0 To 63.34 %

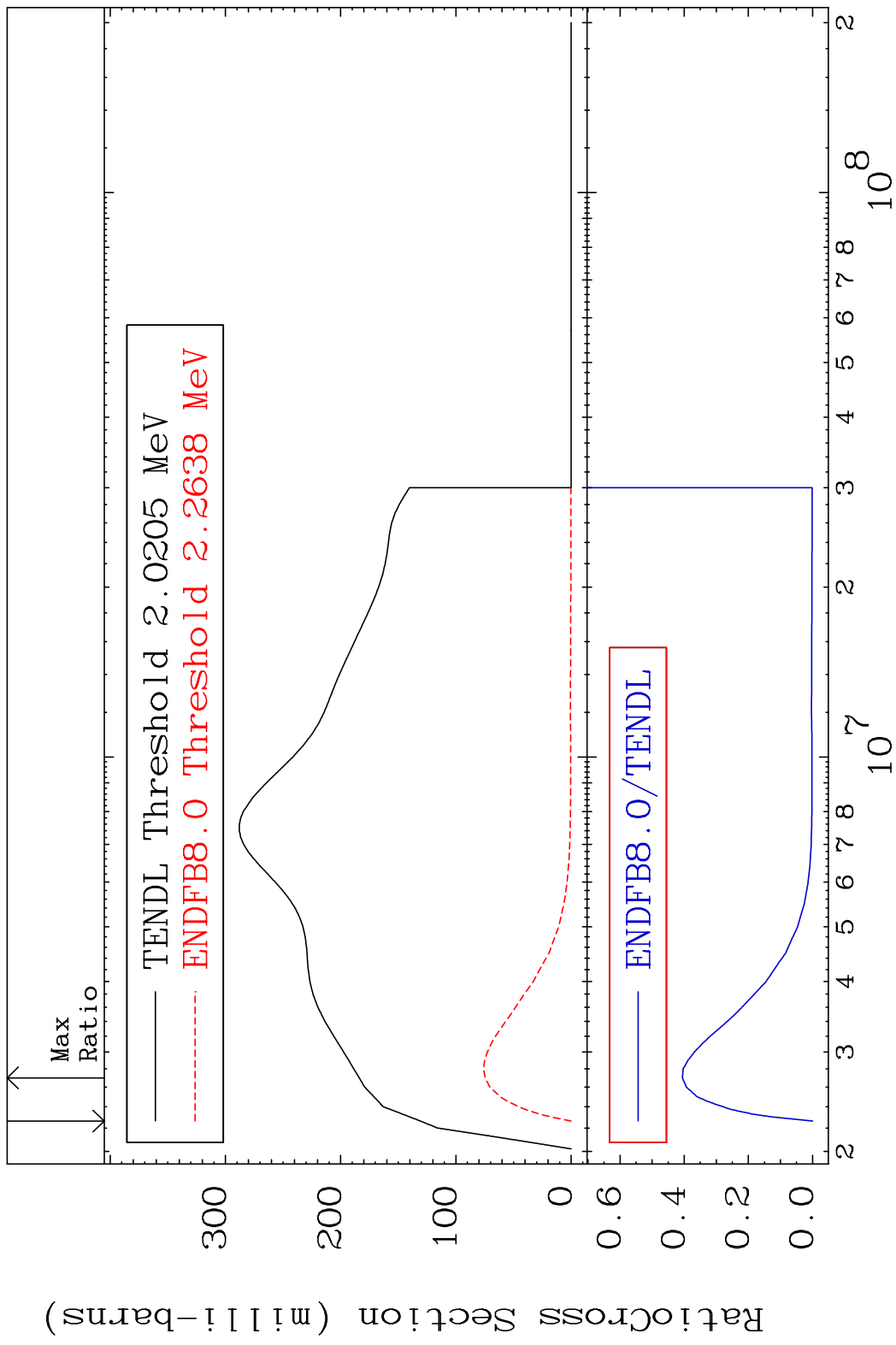




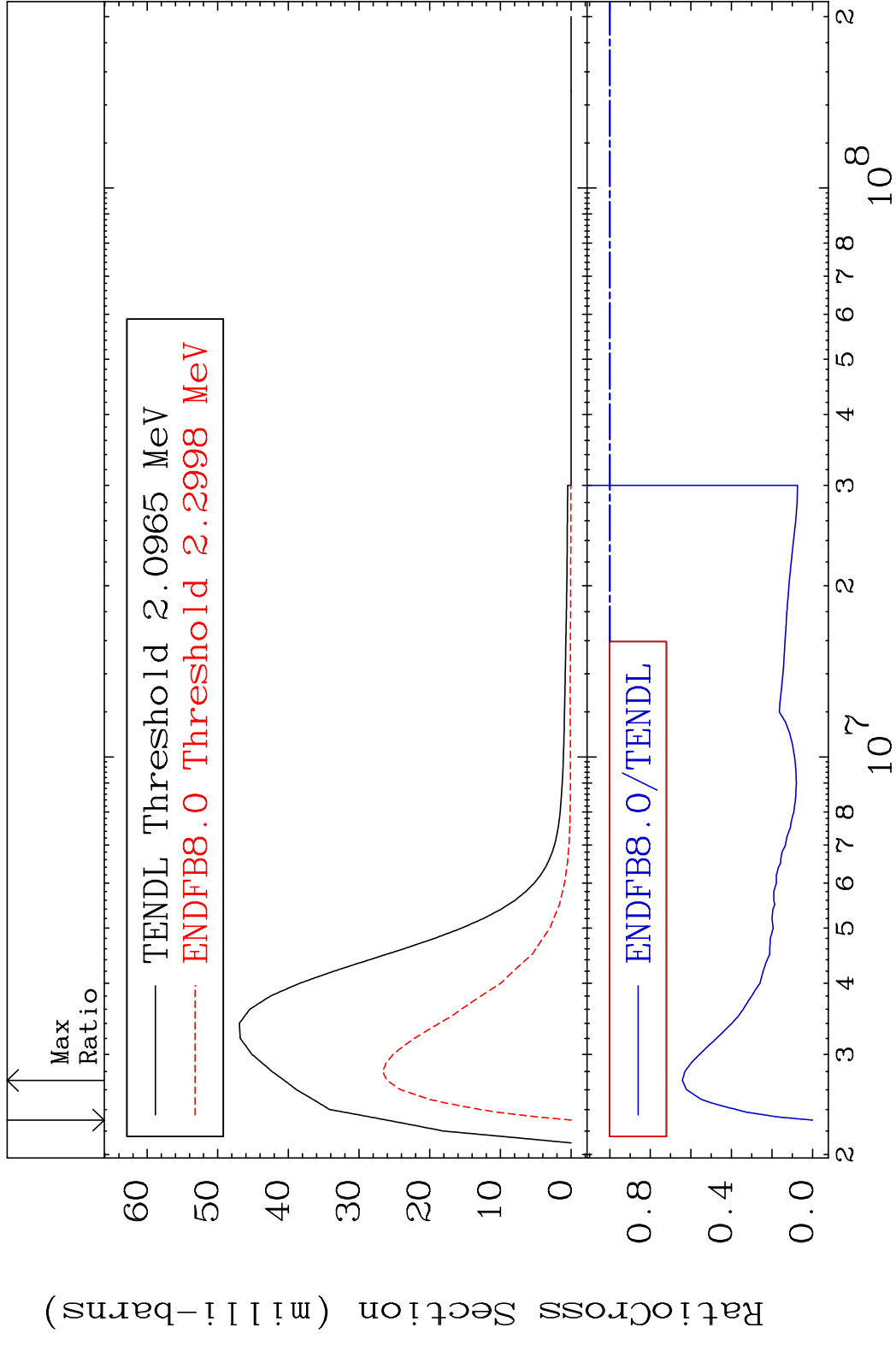
MAT 4637 MT= 63 (n, n') Level 46-Pd-106  
 Cross Section -100.0 To 4530. %



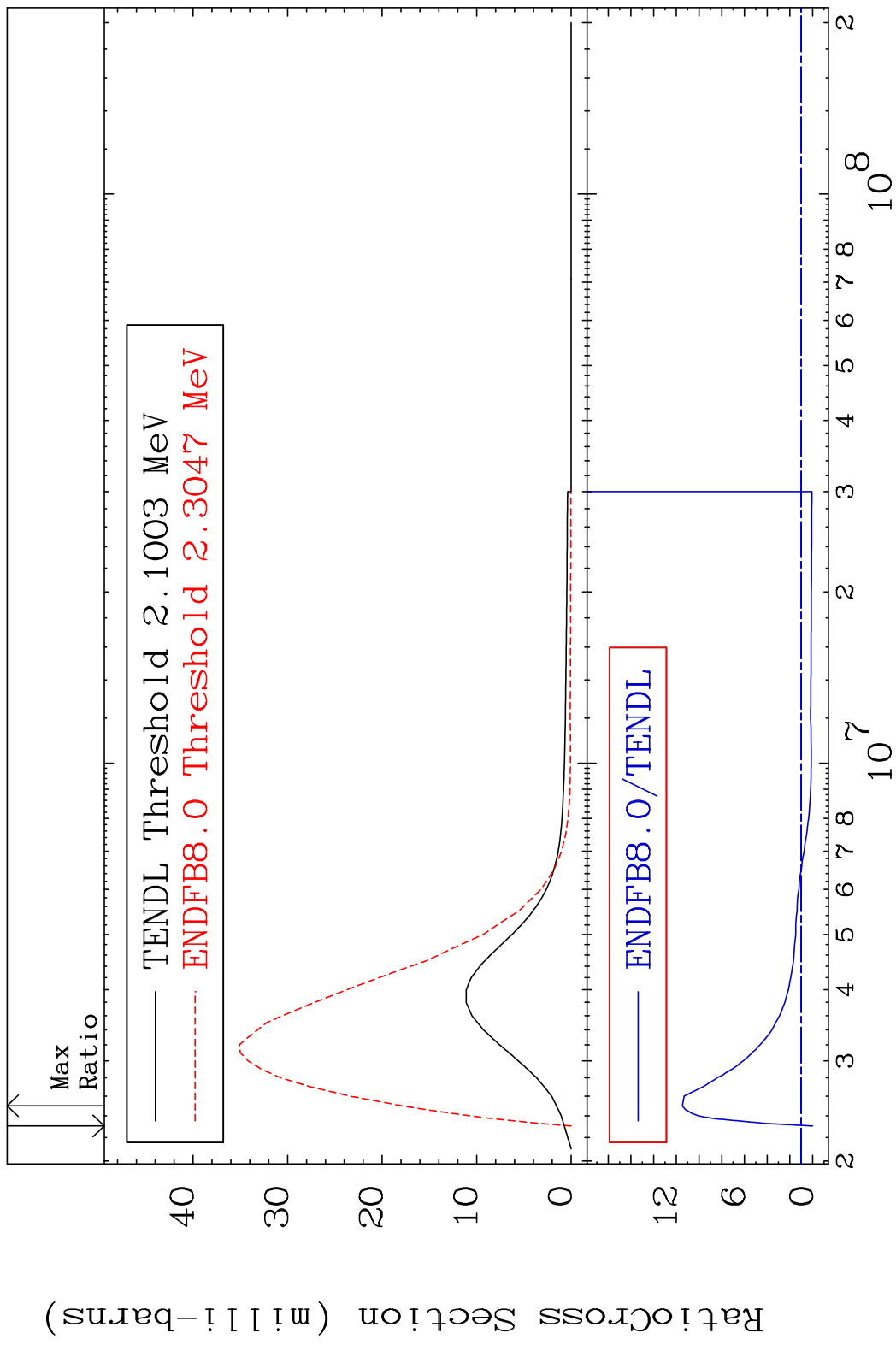
MAT 4637 MT= 64 (n, n') Level 46-Pd-106  
 Cross Section -100.0 To -59.41%



MAT 4637 MT= 65 (n,n') Level 46-Pd-106  
 Cross Section -100.0 To -35.79%



MAT 4637 MT= 66 (n,n') Level 46-Pd-106  
 Cross Section -100.0 To 1047. %

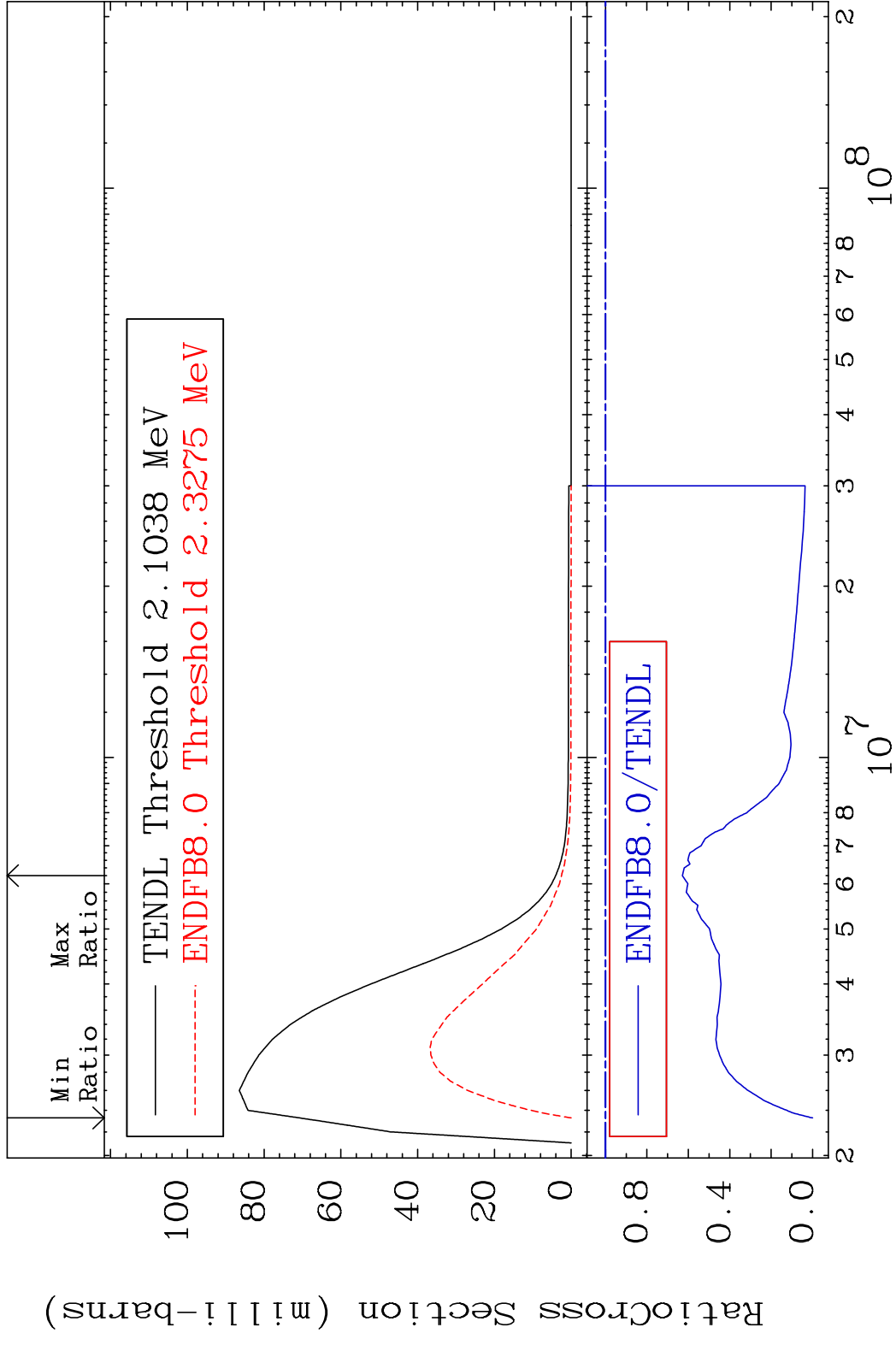


MAT 4637

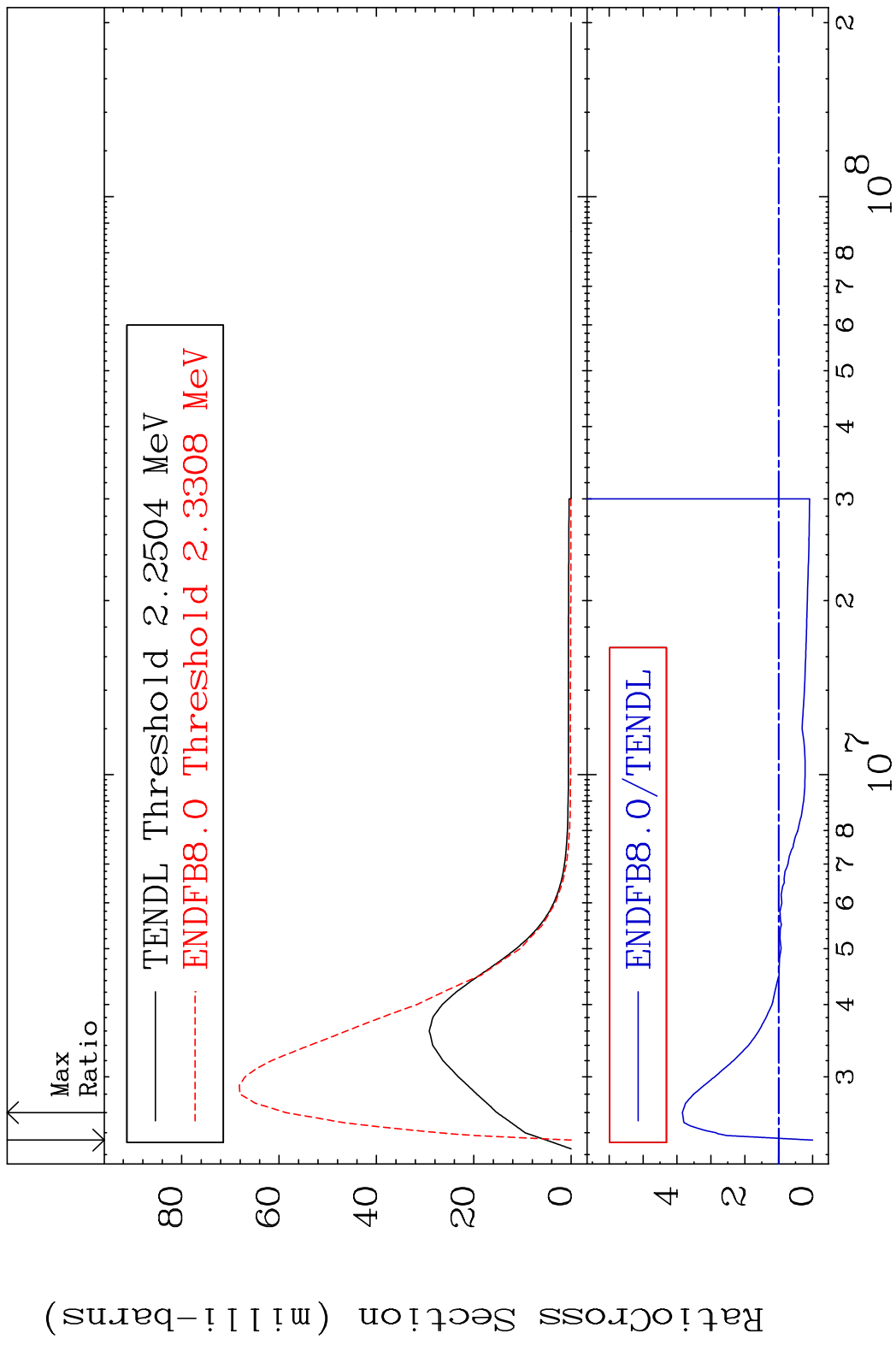
MT= 67 (n,n') Level

46-Pd-106

Cross Section -100.0 To -37.13%



MAT 4637 MT= 68 (n, n') Level 46-Pd-106  
 Cross Section -100.0 To 284.2 %

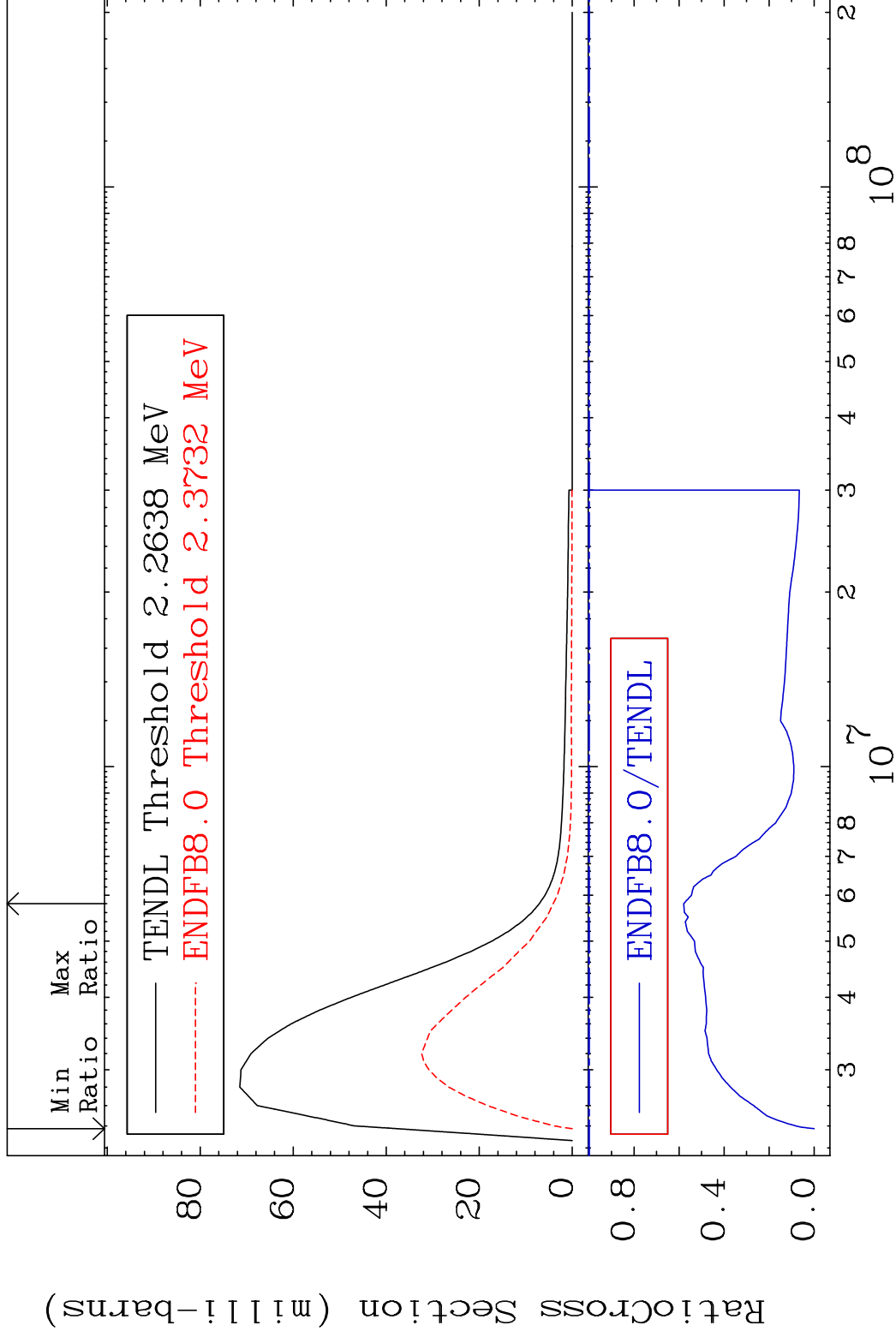


MAT 4637

MT= 69 (n,n') Level

46-Pd-106

Cross Section -100.0 To -42.06%

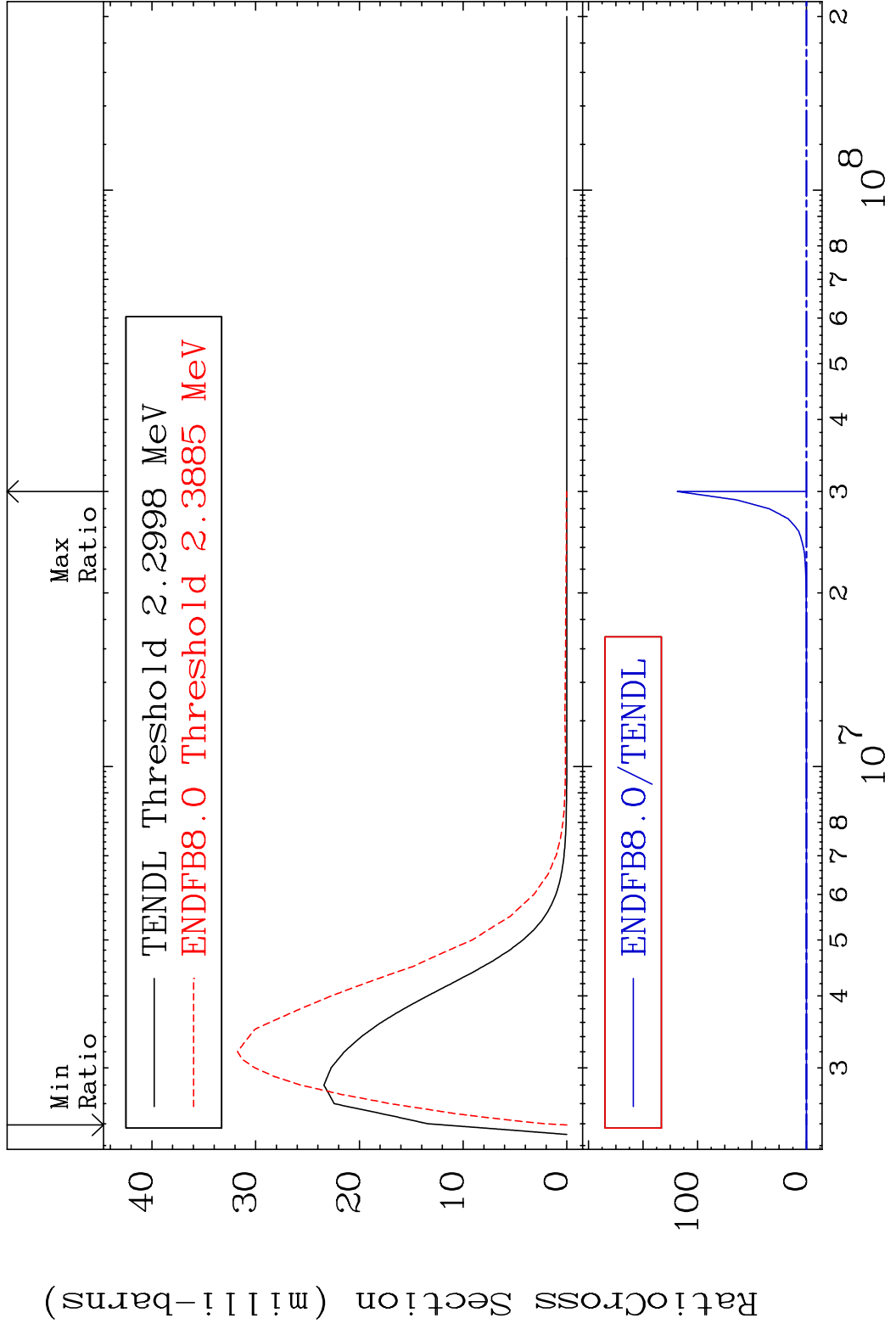


30

Incident Energy (eV)

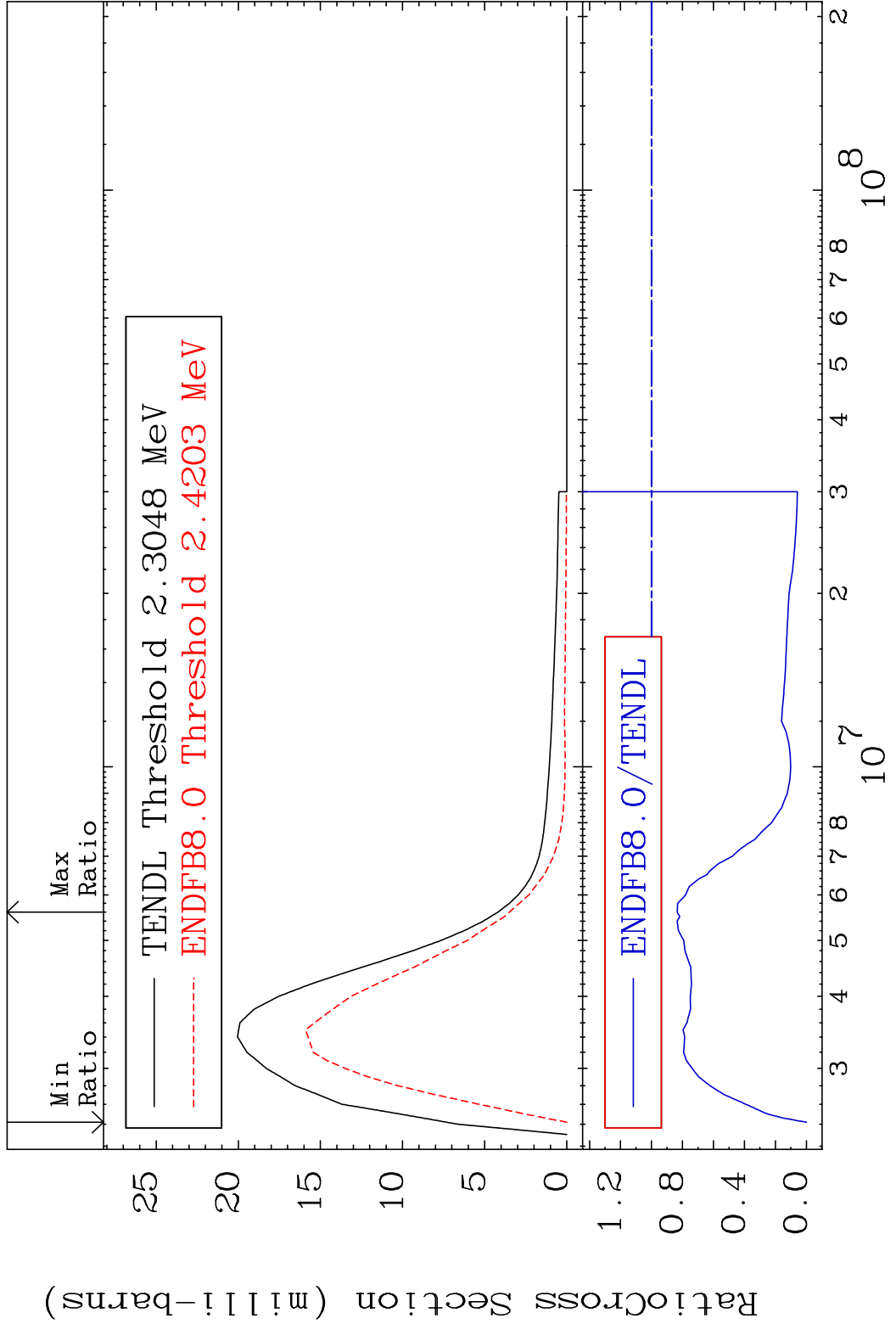
46-Pd-106

MAT 4637 MT= 70 (n, n') Level 46-Pd-106  
 Cross Section -100.0 To 9999. %

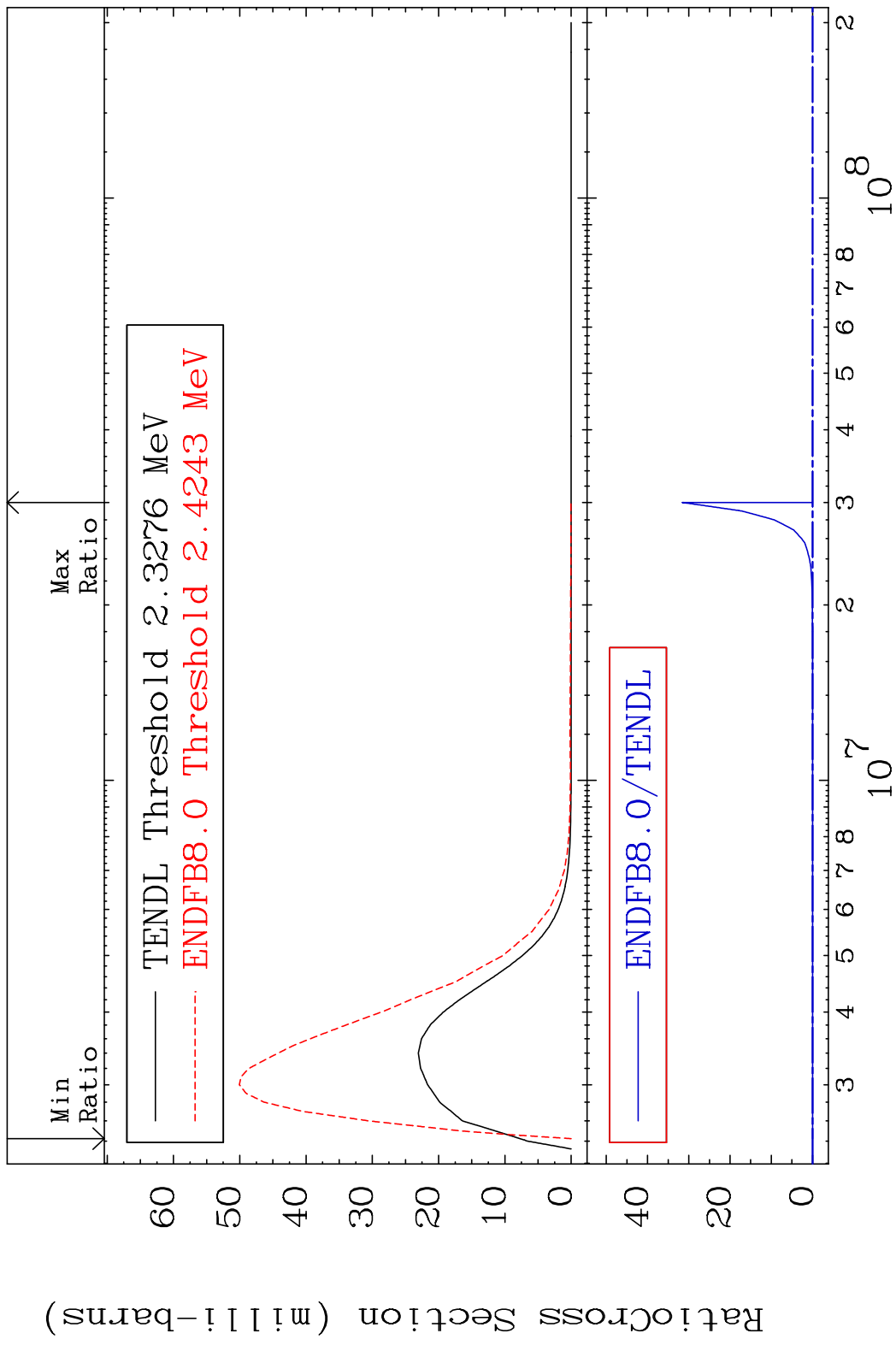




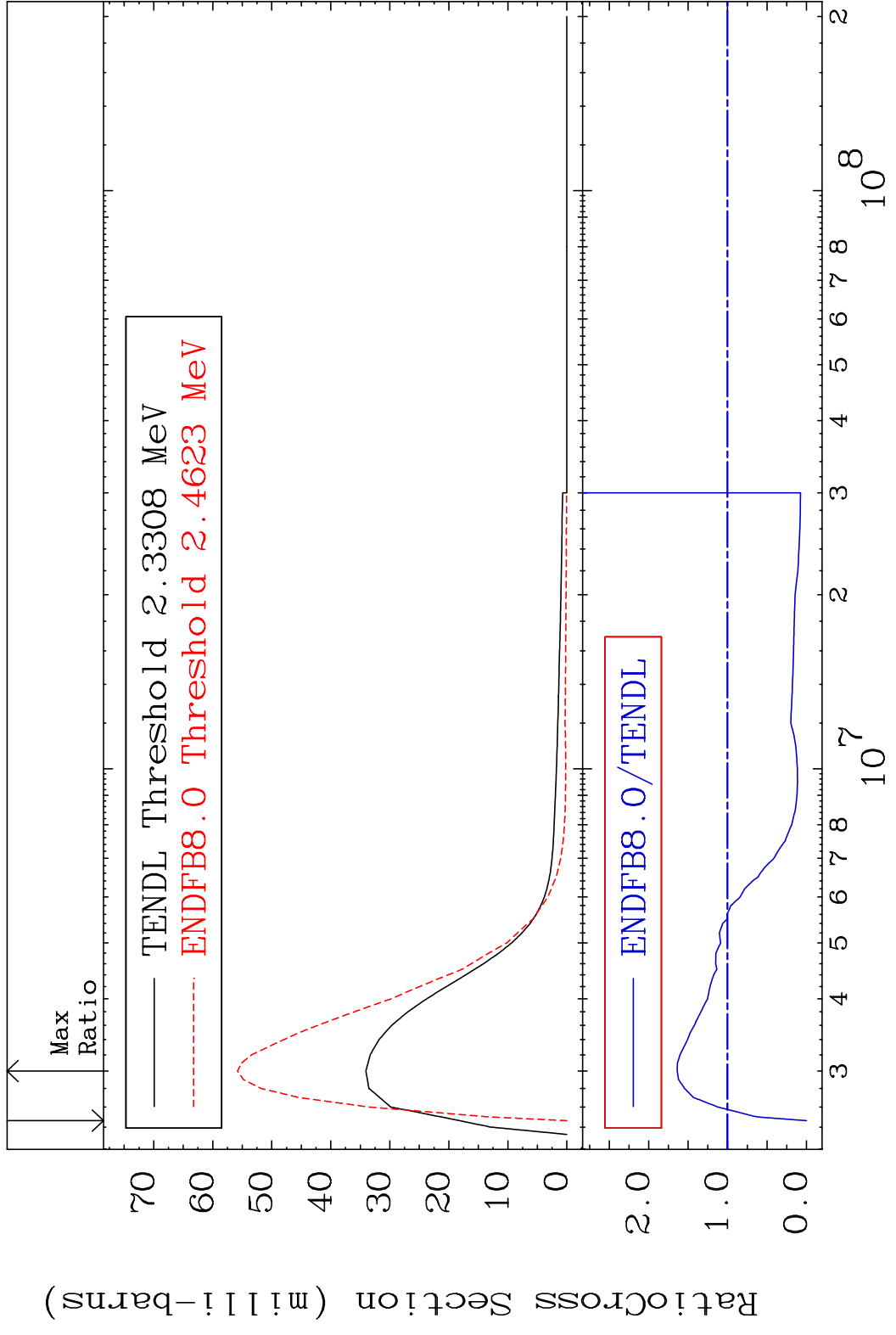
MAT 4637 MT= 71 (n,n') Level 46-Pd-106  
 Cross Section -100.0 To -16.59%



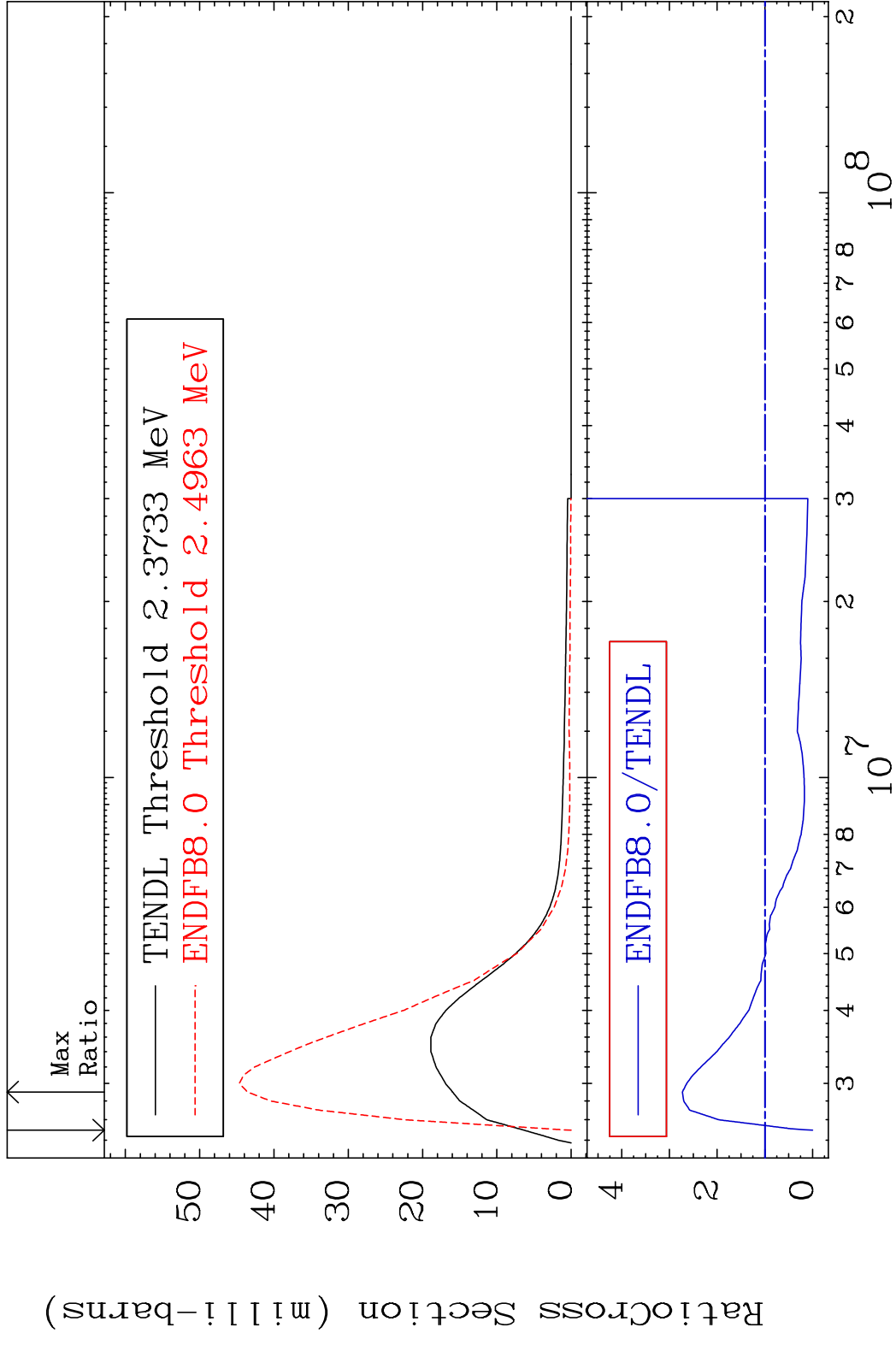
MAT 4637 MT= 72 (n, n') Level 46-Pd-106  
 Cross Section -100.0 To 9999. %



MAT 4637 MT= 73 (n,n') Level 46-Pd-106  
 Cross Section -100.0 To 63.89 %



MAT 4637 MT= 74 (n,n') Level 46-Pd-106  
 Cross Section -100.0 To 173.0 %

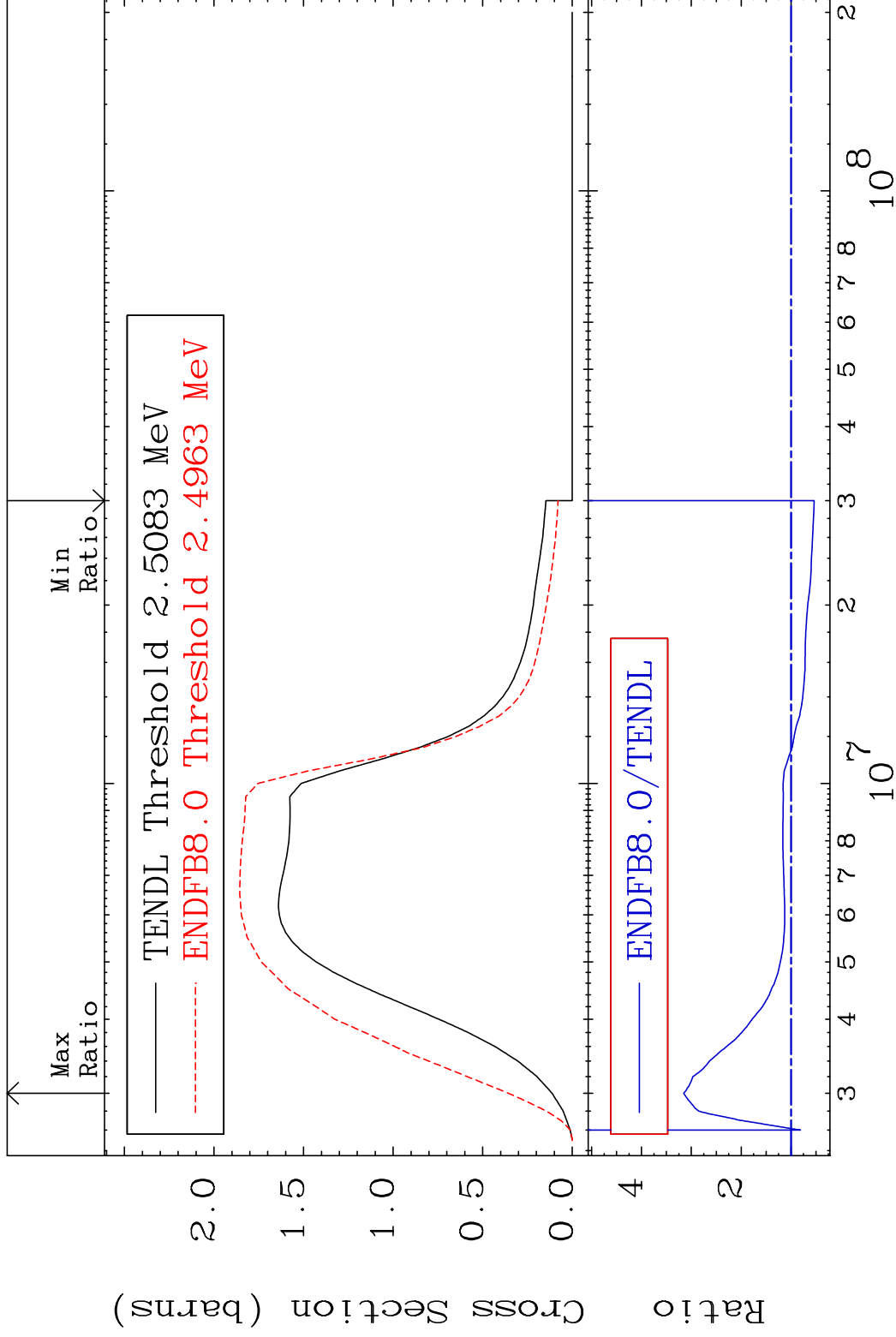


MAT 4637

(n, n') Continuum

46-Pd-106

Cross Section -46.25 To 215.4 %



36

Incident Energy (eV)

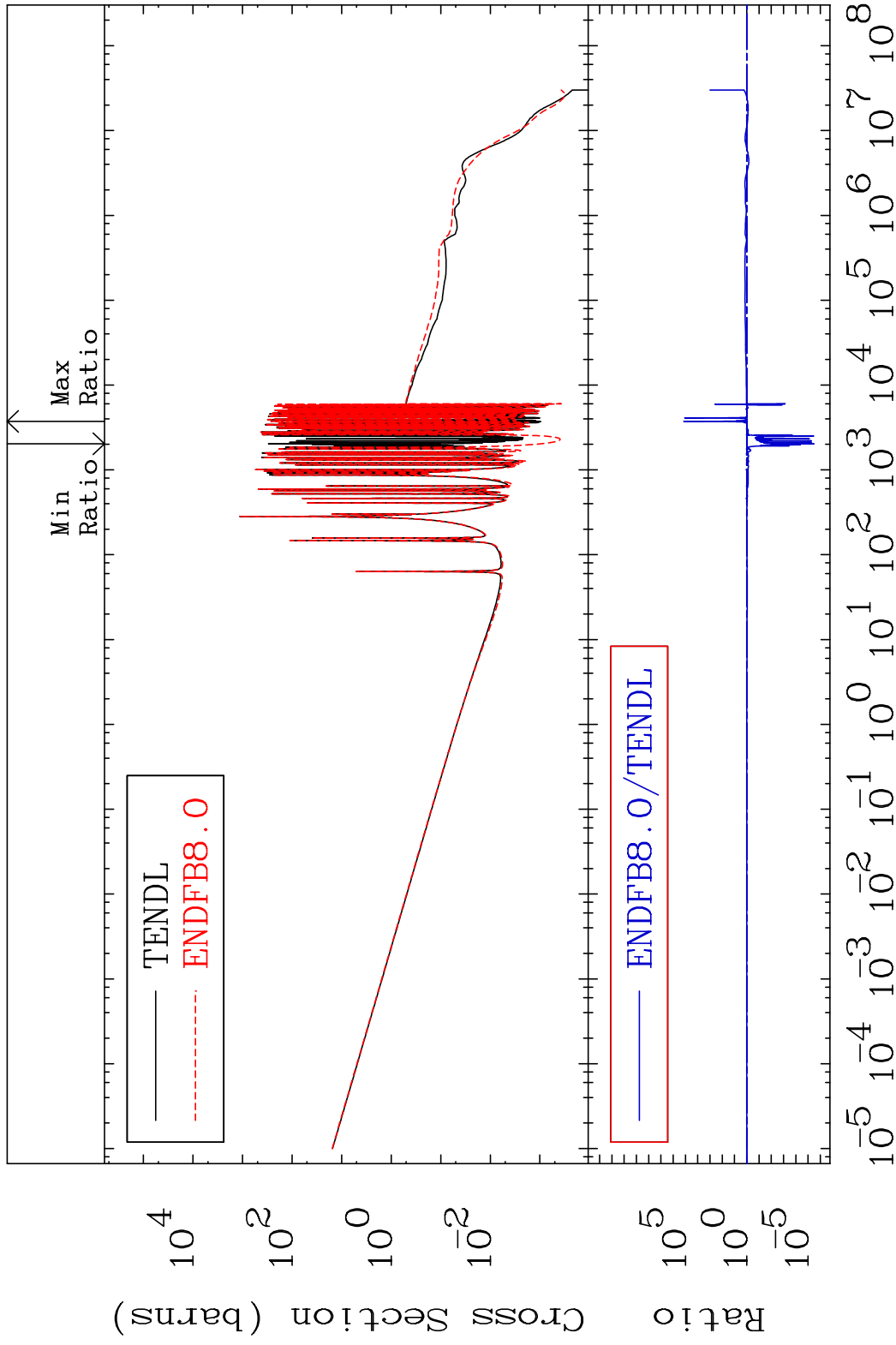
46-Pd-106

MAT 4637

(n,  $\gamma$ )

46-Pd-106

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

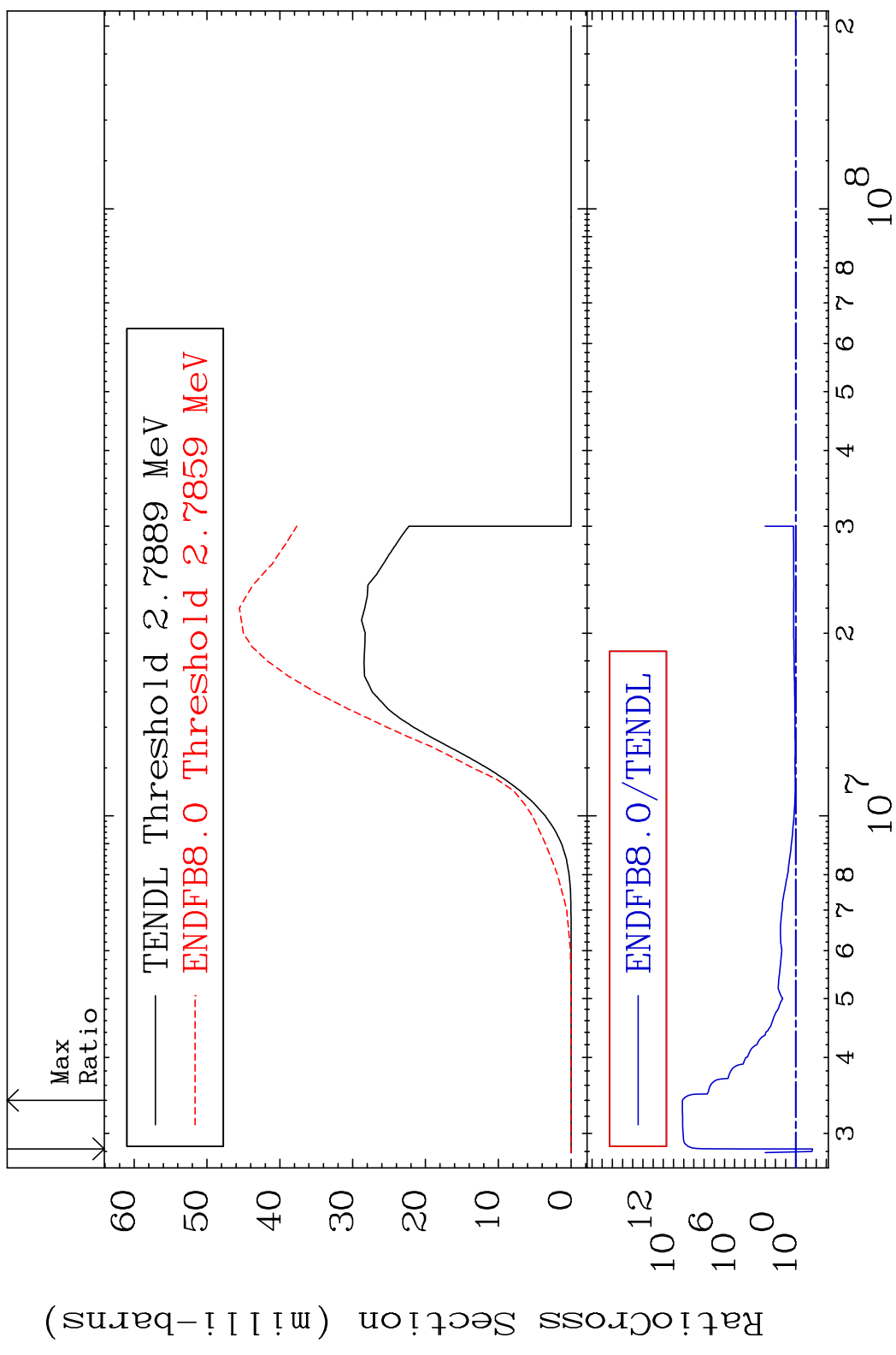
46-Pd-106

MAT 4637

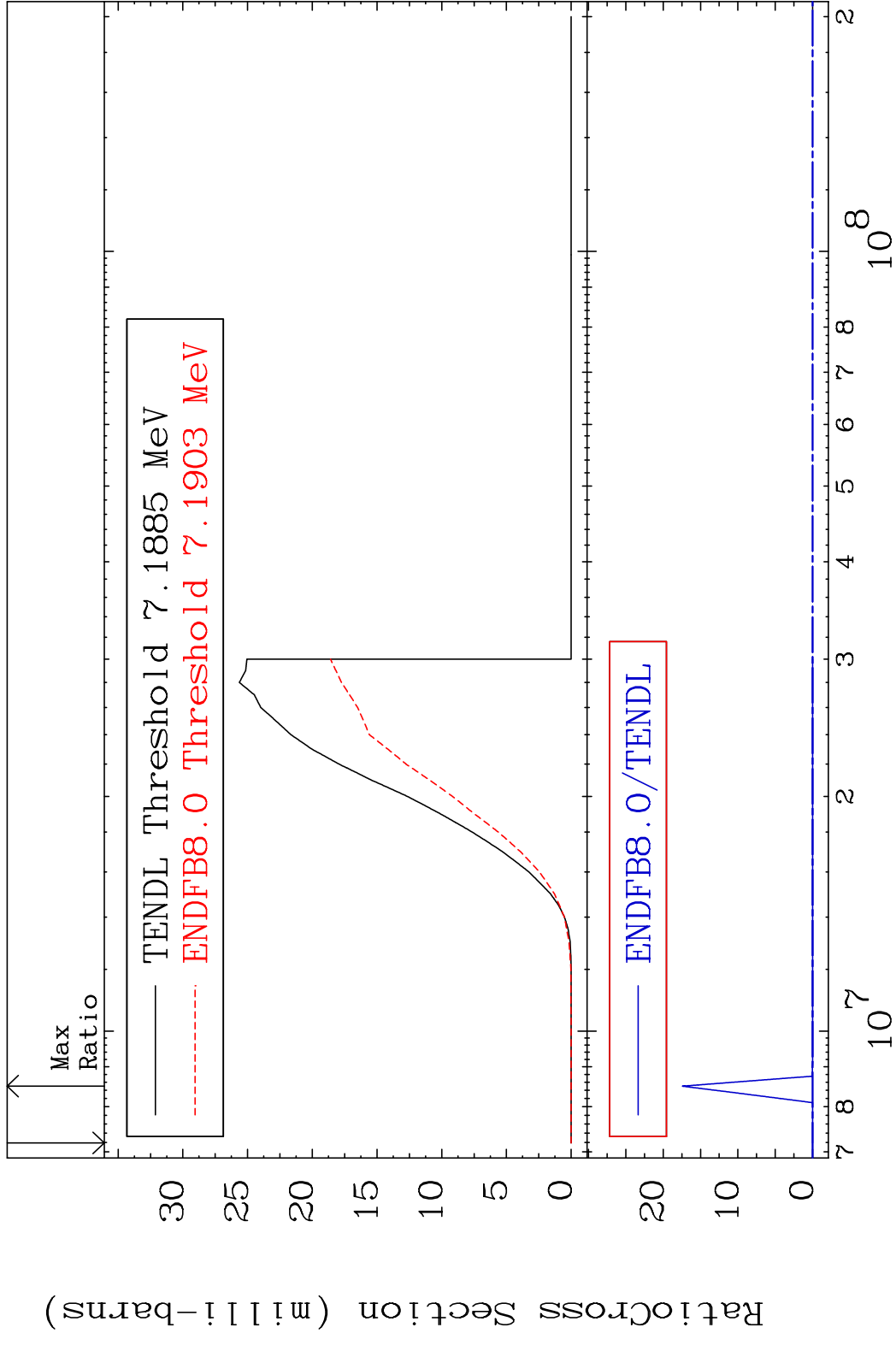
(n,p)

46-Pd-106

Cross Section -97.74 To 9999. %



MAT 4637 (n,d) 46-Pd-106  
 Cross Section -100.0 To 9999. %



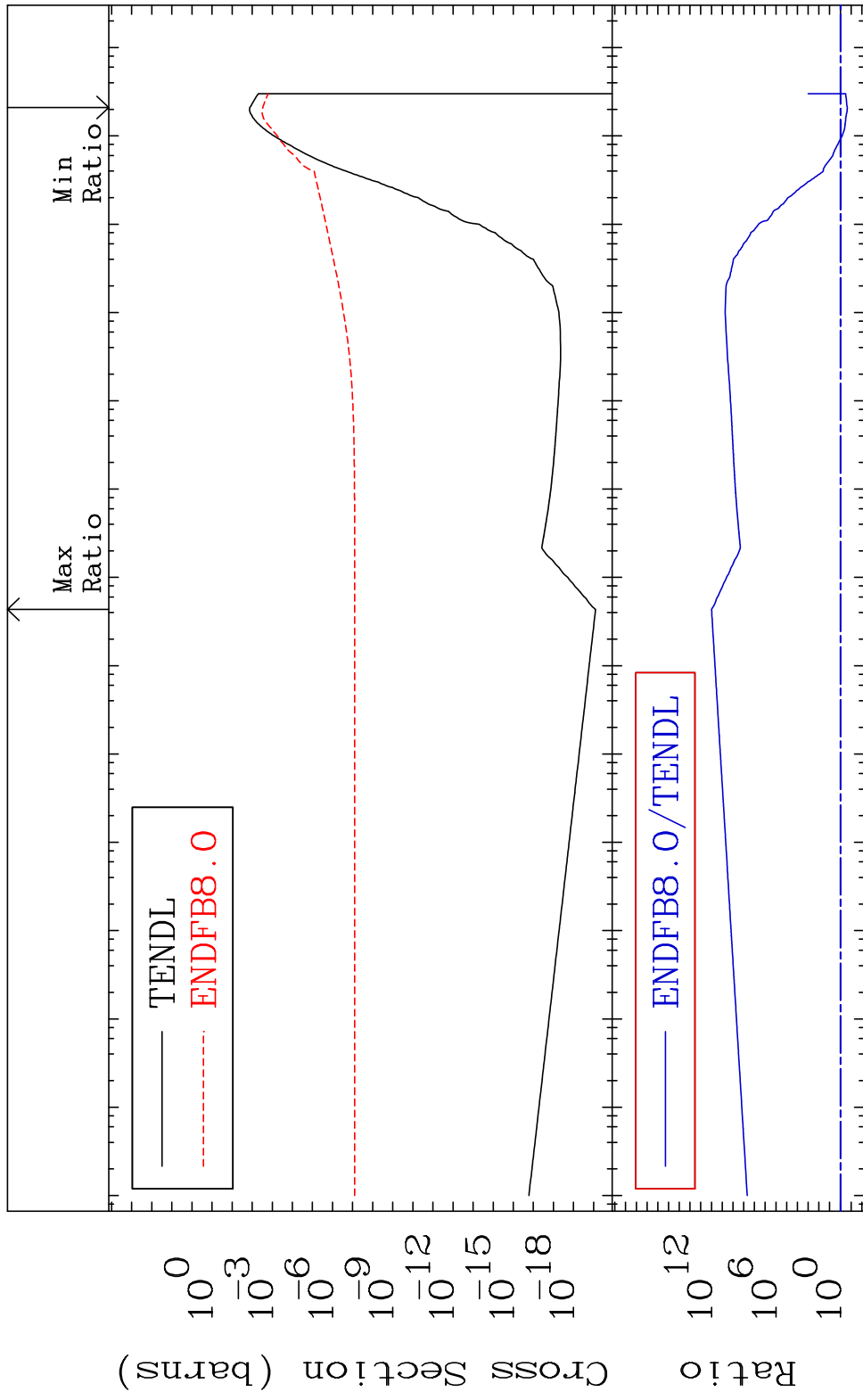


MAT 4637

(n,  $\alpha$ )

46-Pd-106

Cross Section -77.41 To 9999. %

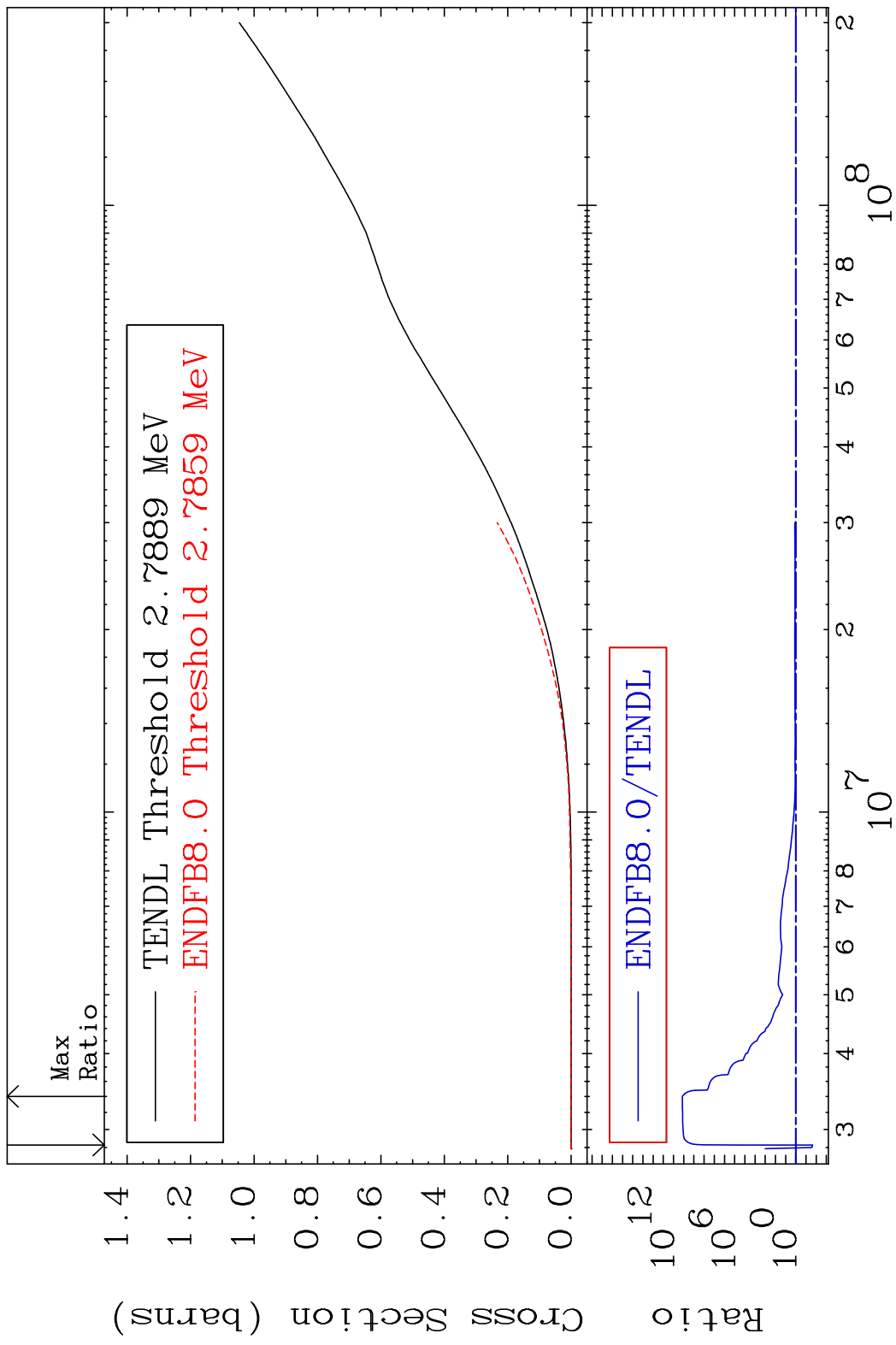


40

Incident Energy (eV)

46-Pd-106

MAT 4637 Hydrogen Production 46-Pd-106  
 Cross Section -97.74 To 9999. %

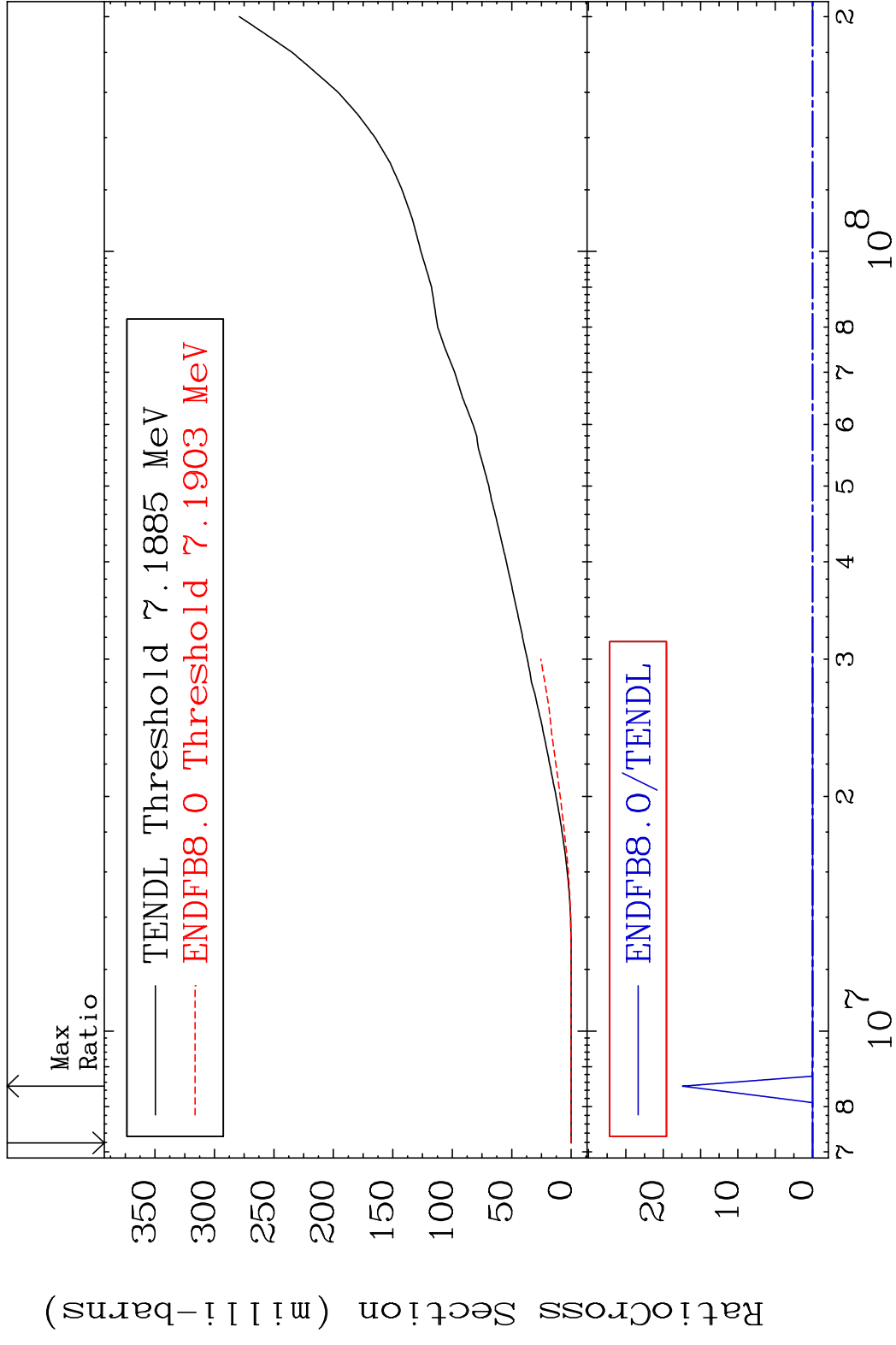


MAT 4637

Deuterium Production

46-Pd-106

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

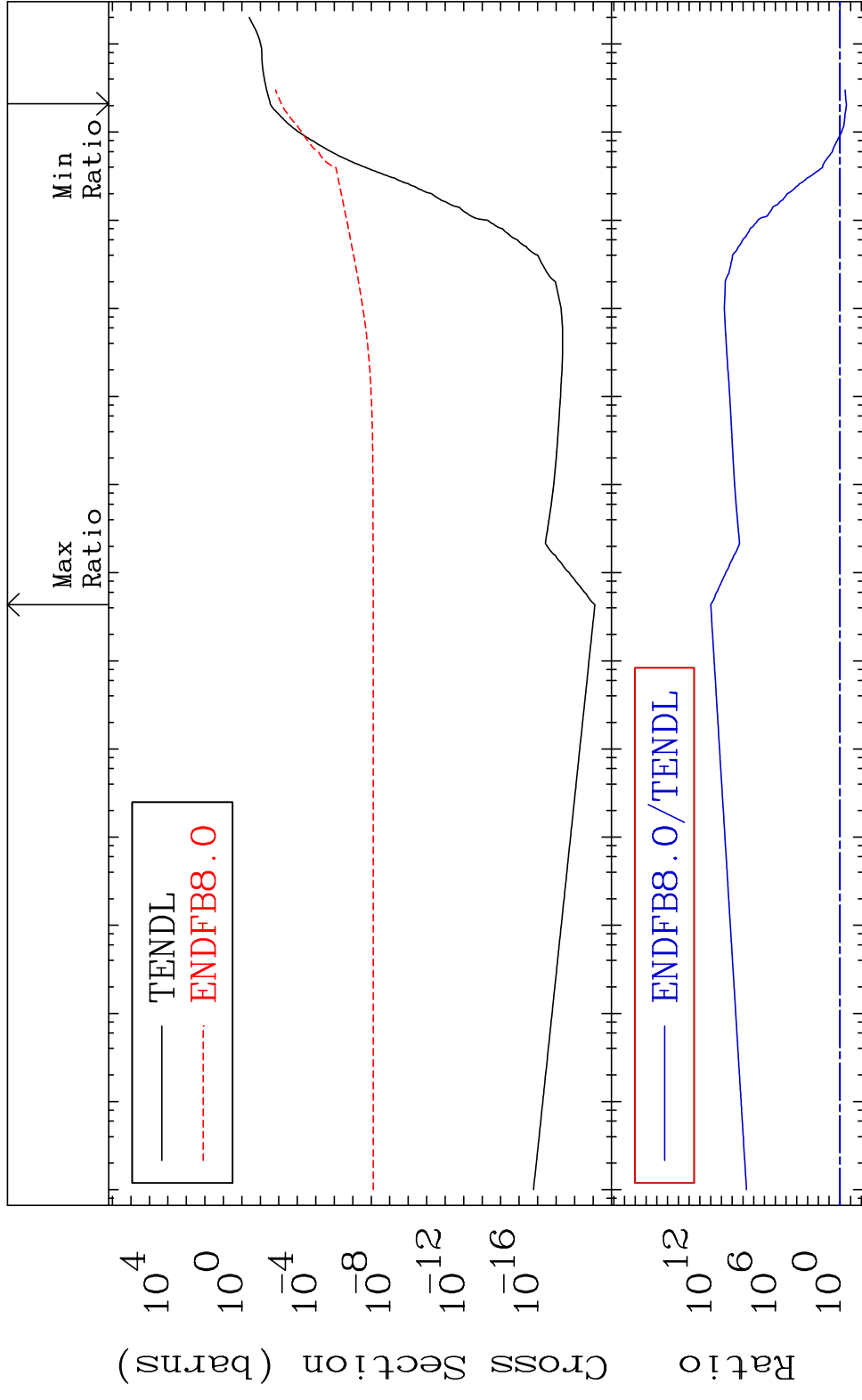
46-Pd-106

MAT 4637

He-4 Production

46-Pd-106

Cross Section -74.85 To 9999. %

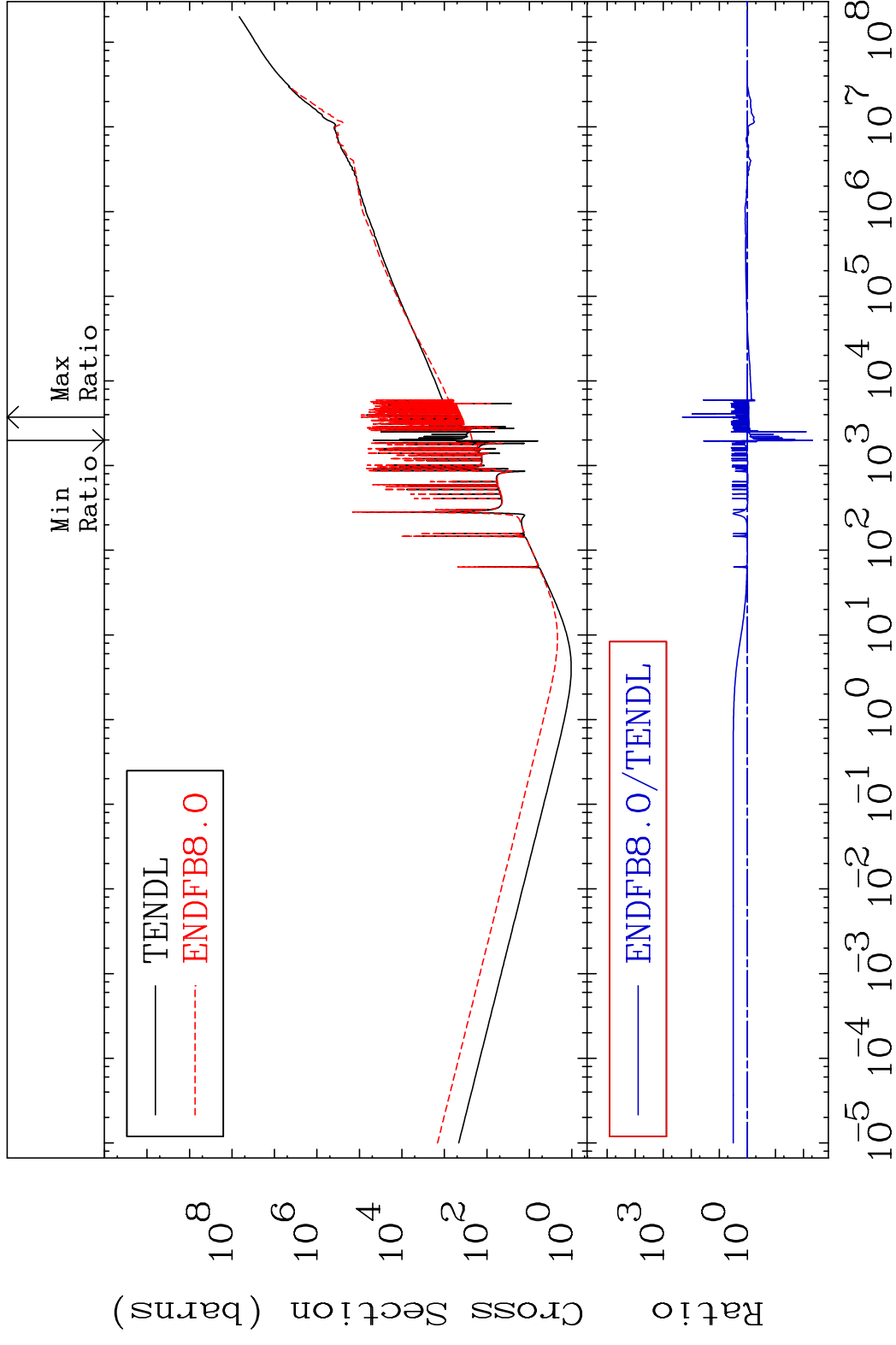


43

Incident Energy (eV)

46-Pd-106

MAT 4637 Kerma total (eV-barns) 46-Pd-106  
 Cross Section -99.53 To 9999. %

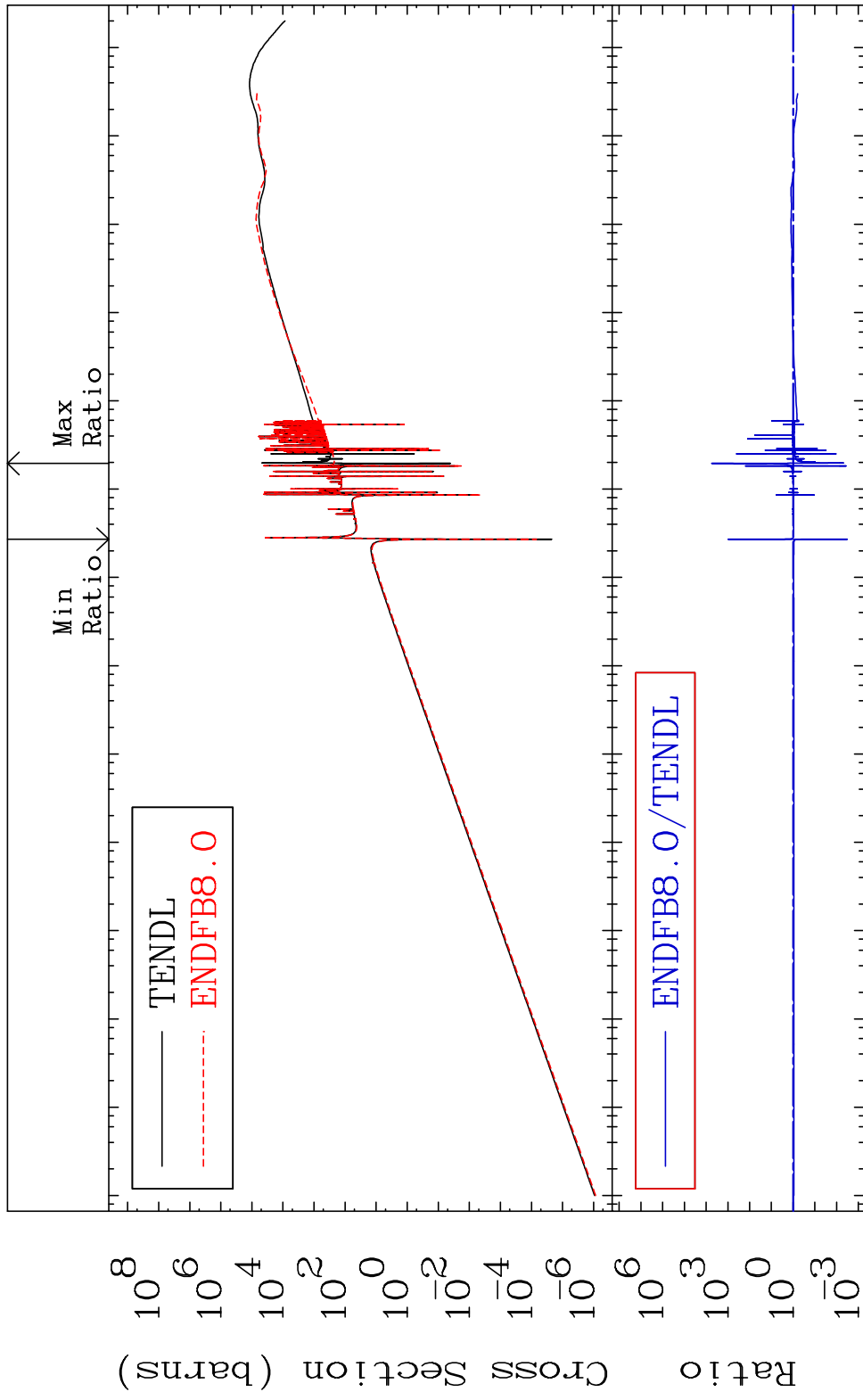


MAT 4637

Kerma elastic

46-Pd-106

Cross Section -99.68 To 9999. %

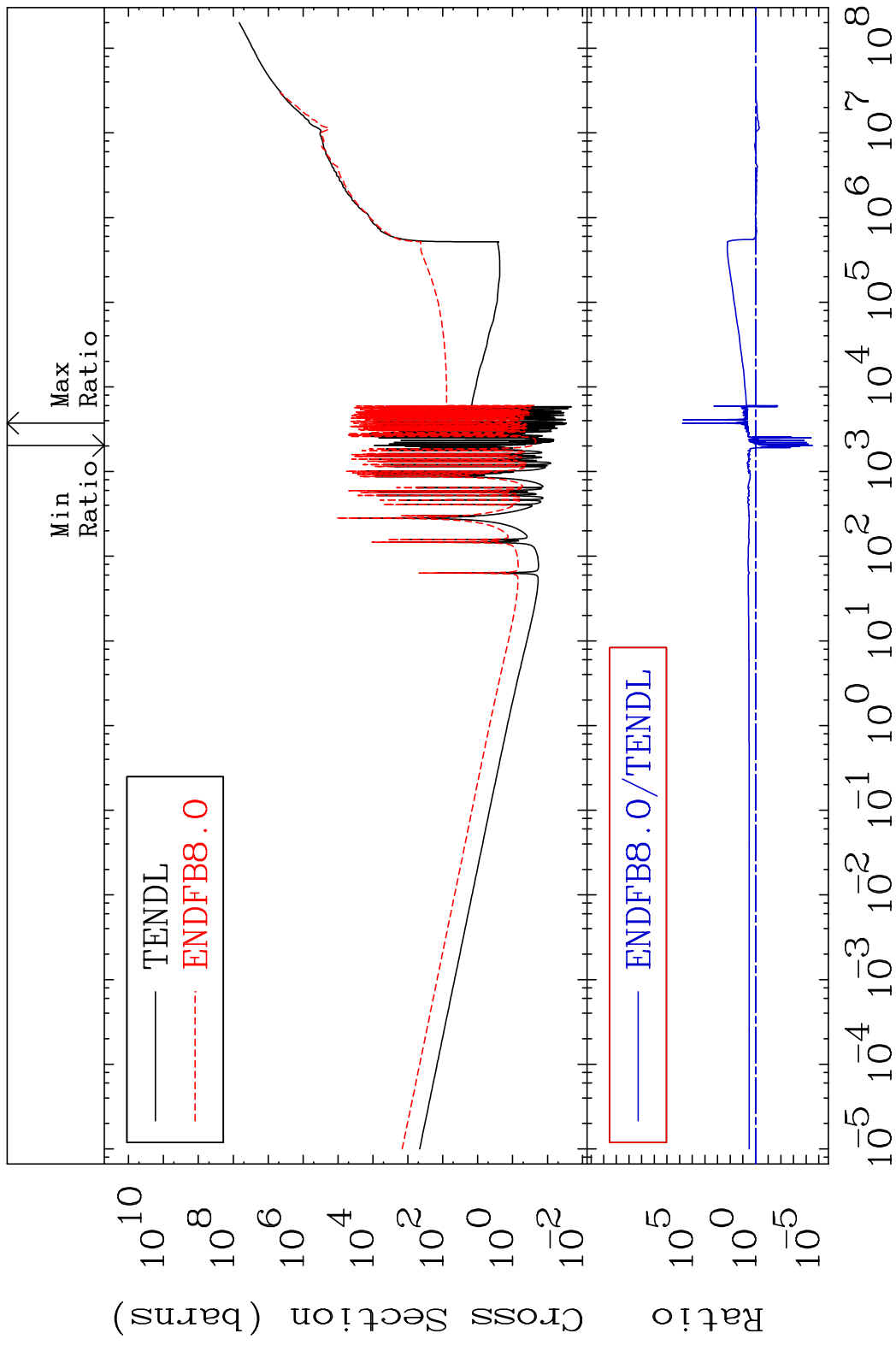


45

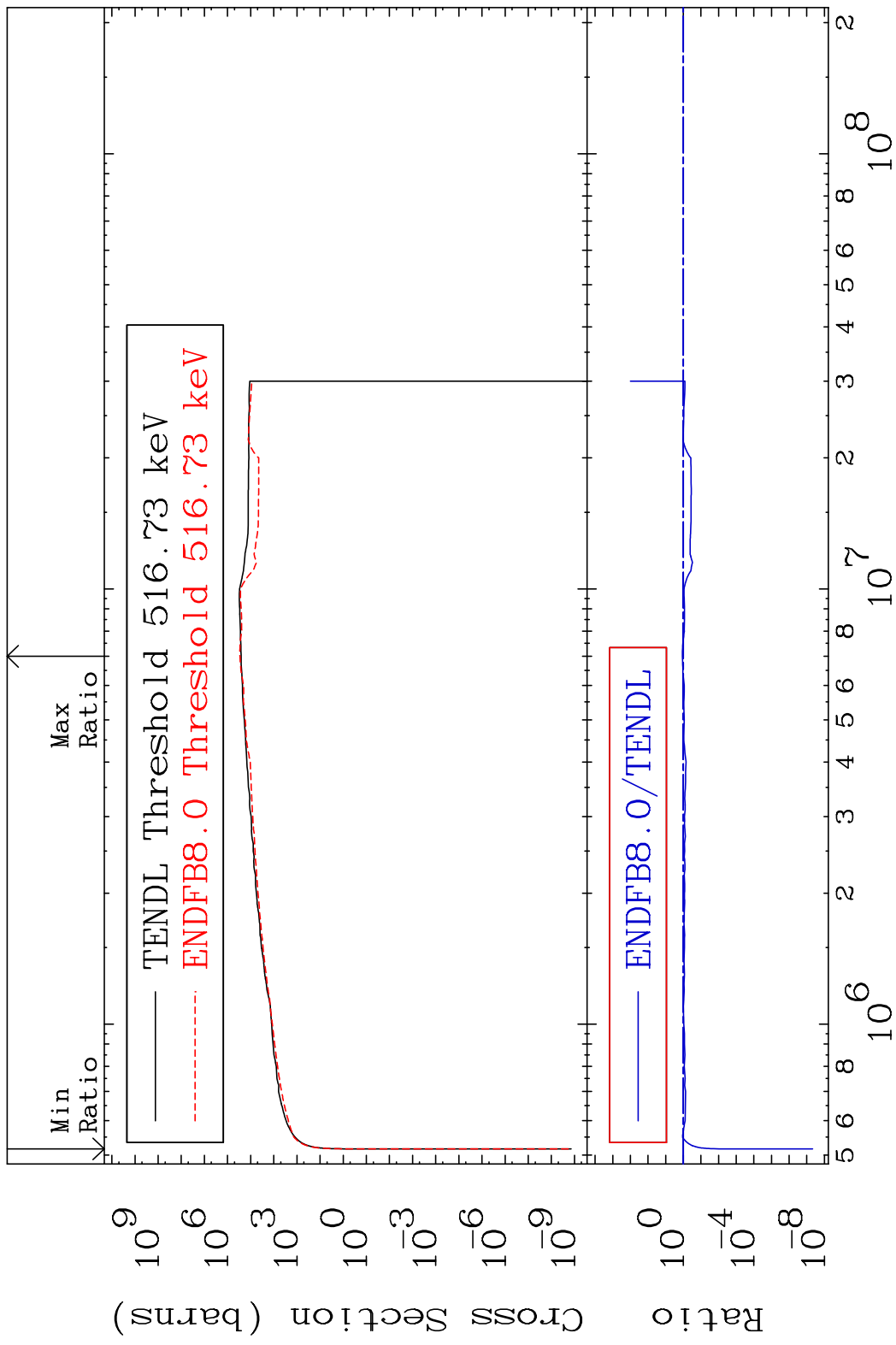
Incident Energy (eV)

46-Pd-106

MAT 4637 Kerma non-elastic (all but mt2) 46-Pd-106  
 Cross Section -100.0 To 9999. %

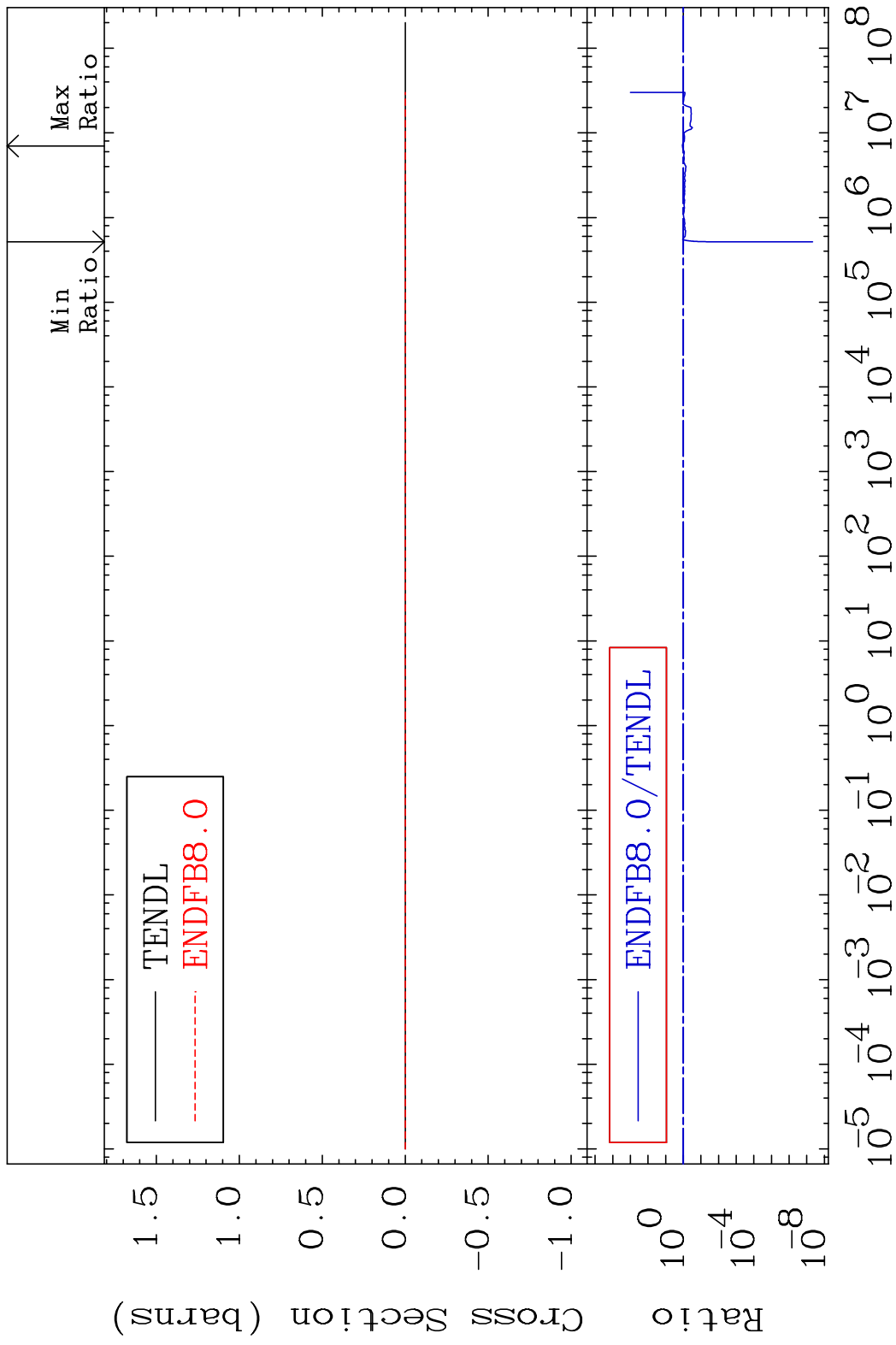


MAT 4637 Kerma inelastic (mt51-91) 46-Pd-106  
 Cross Section -100.0 To 13.17 %



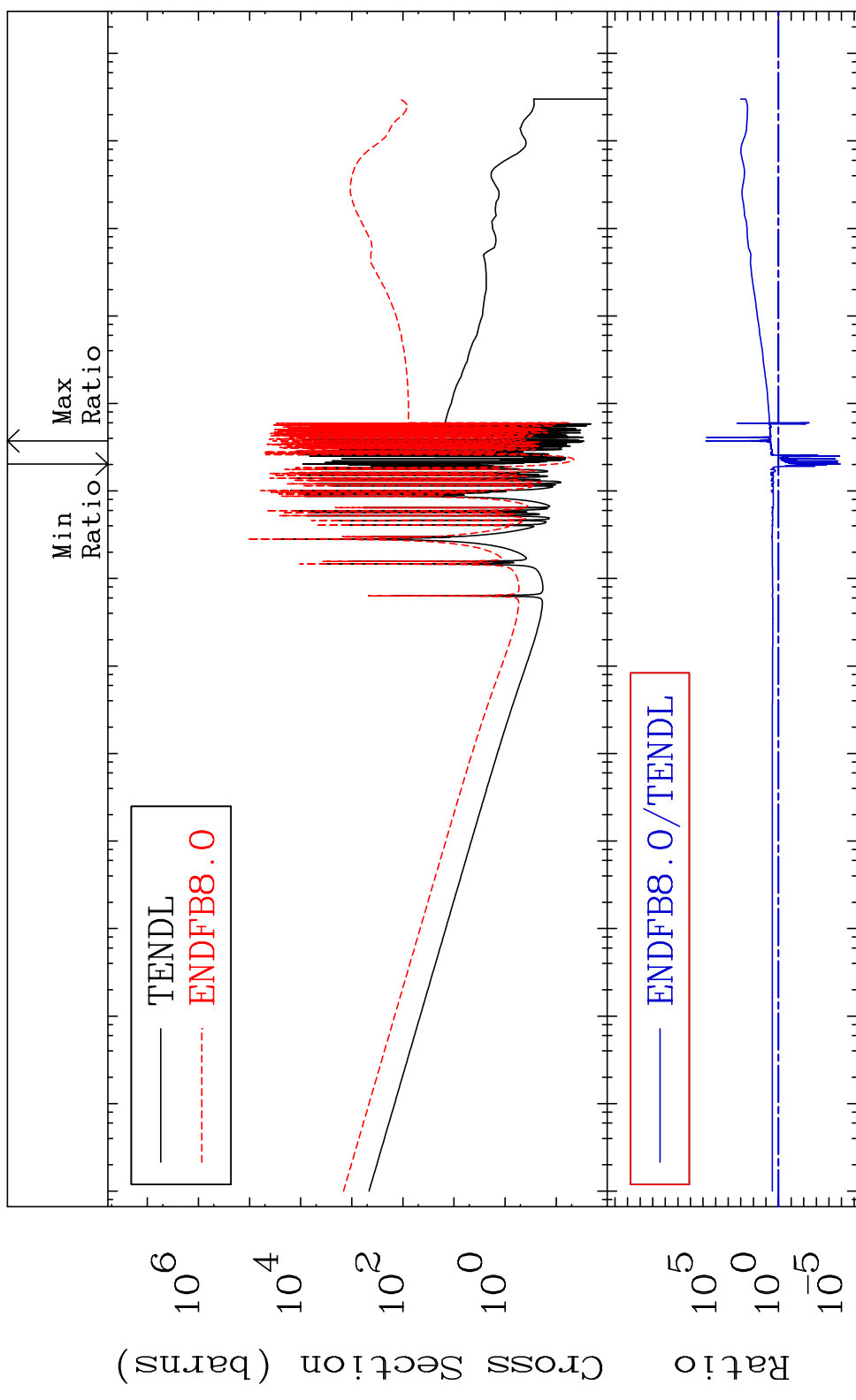


MAT 4637 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-106  
 Cross Section -100.0 To 13.17 %



MAT 4637

Kerma capture (mt102) 46-Pd-106  
Cross Section -100.0 To 9999. %

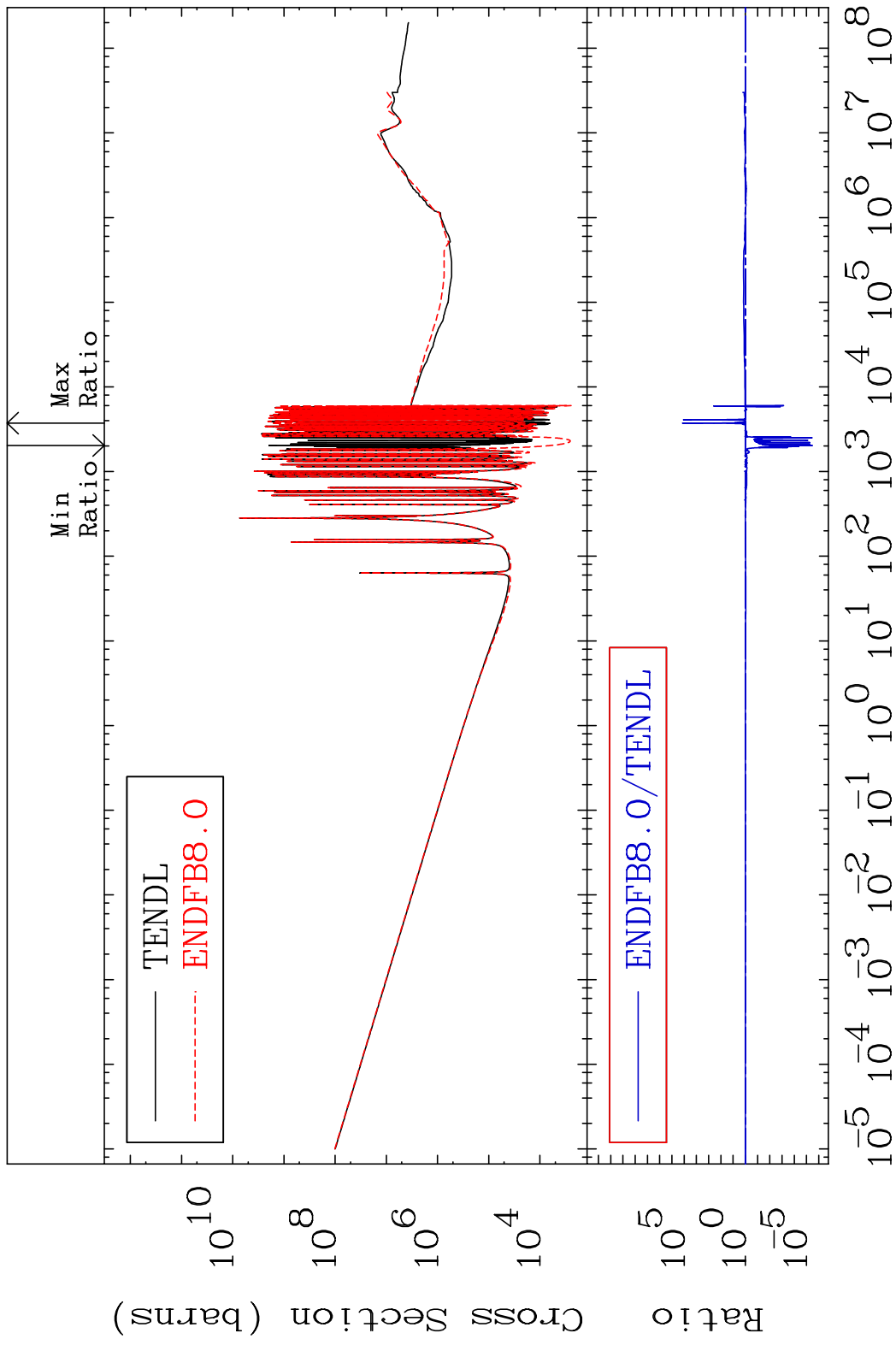


49

Incident Energy (eV)

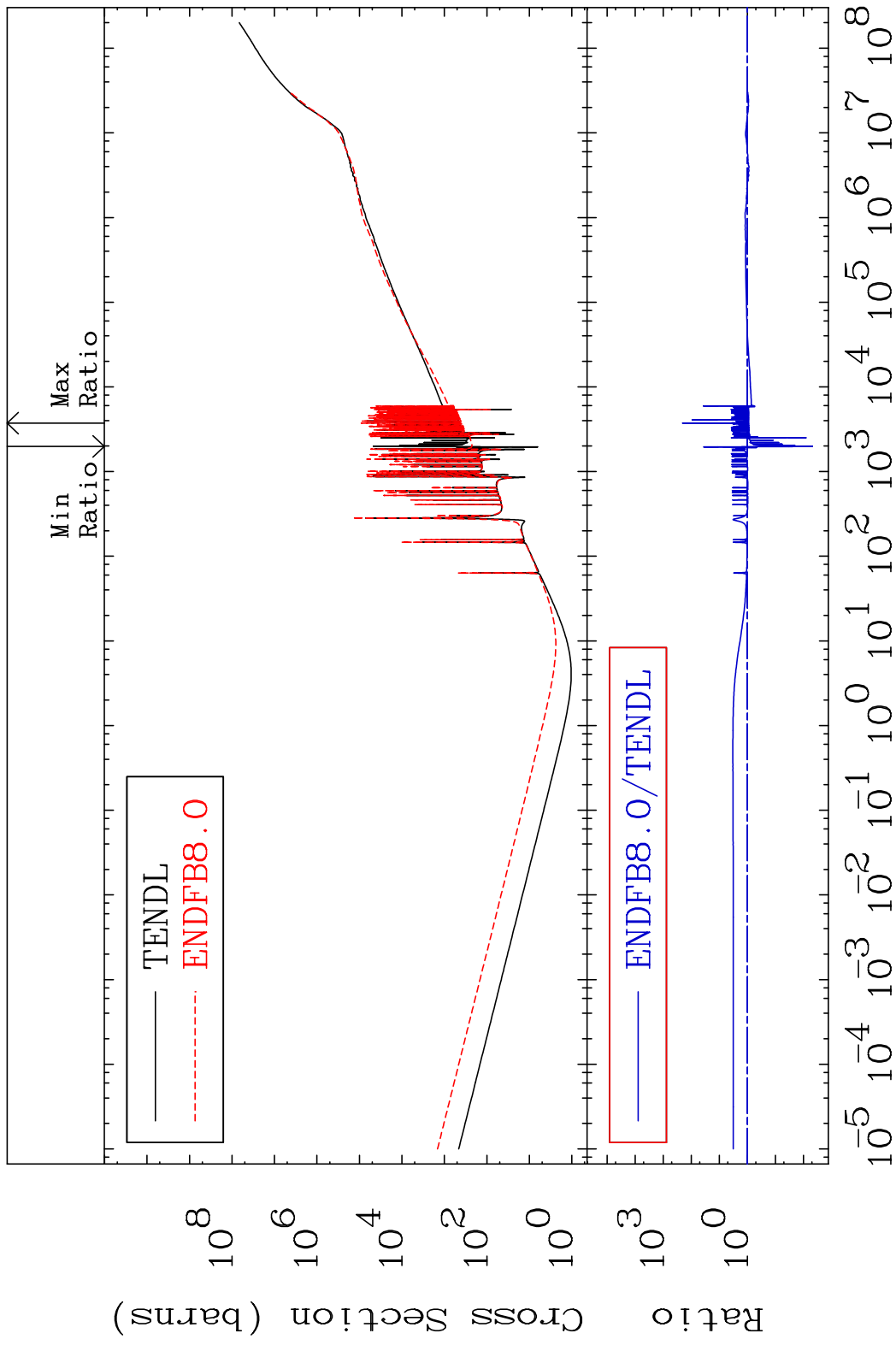
46-Pd-106

MAT 4637 Total photon (eV-barns) 46-Pd-106  
 Cross Section -100.0 To 9999. %

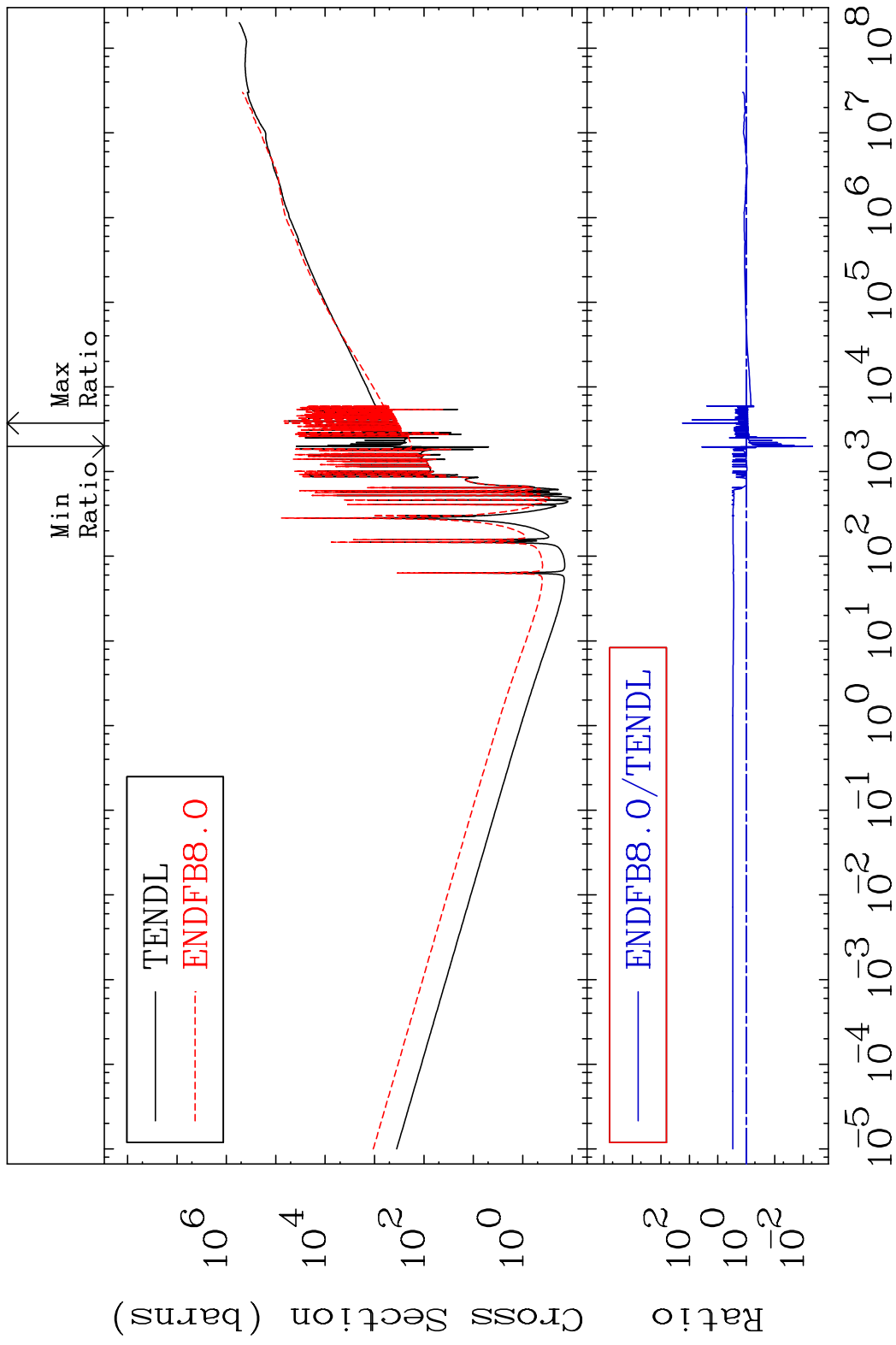


50 Incident Energy (eV) 46-Pd-106

MAT 4637 Total kinematic kerma (high limit) 46-Pd-106  
 Cross Section -99.53 To 9999. %



MAT 4637      Dpa total (eV-barns)      46-Pd-106  
 Cross Section      -99.53 To 9999. %



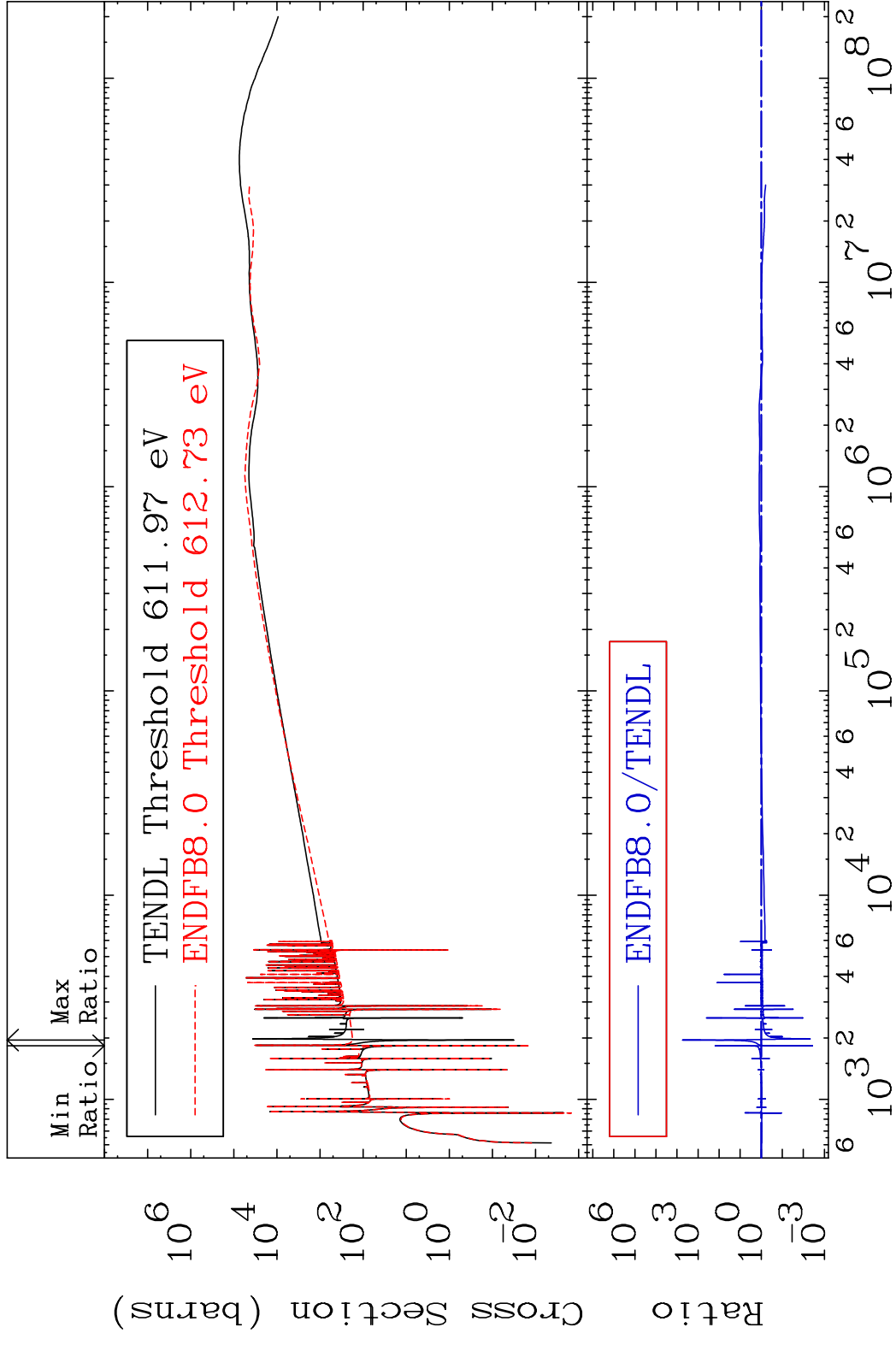
52      Incident Energy (eV)      46-Pd-106

MAT 4637

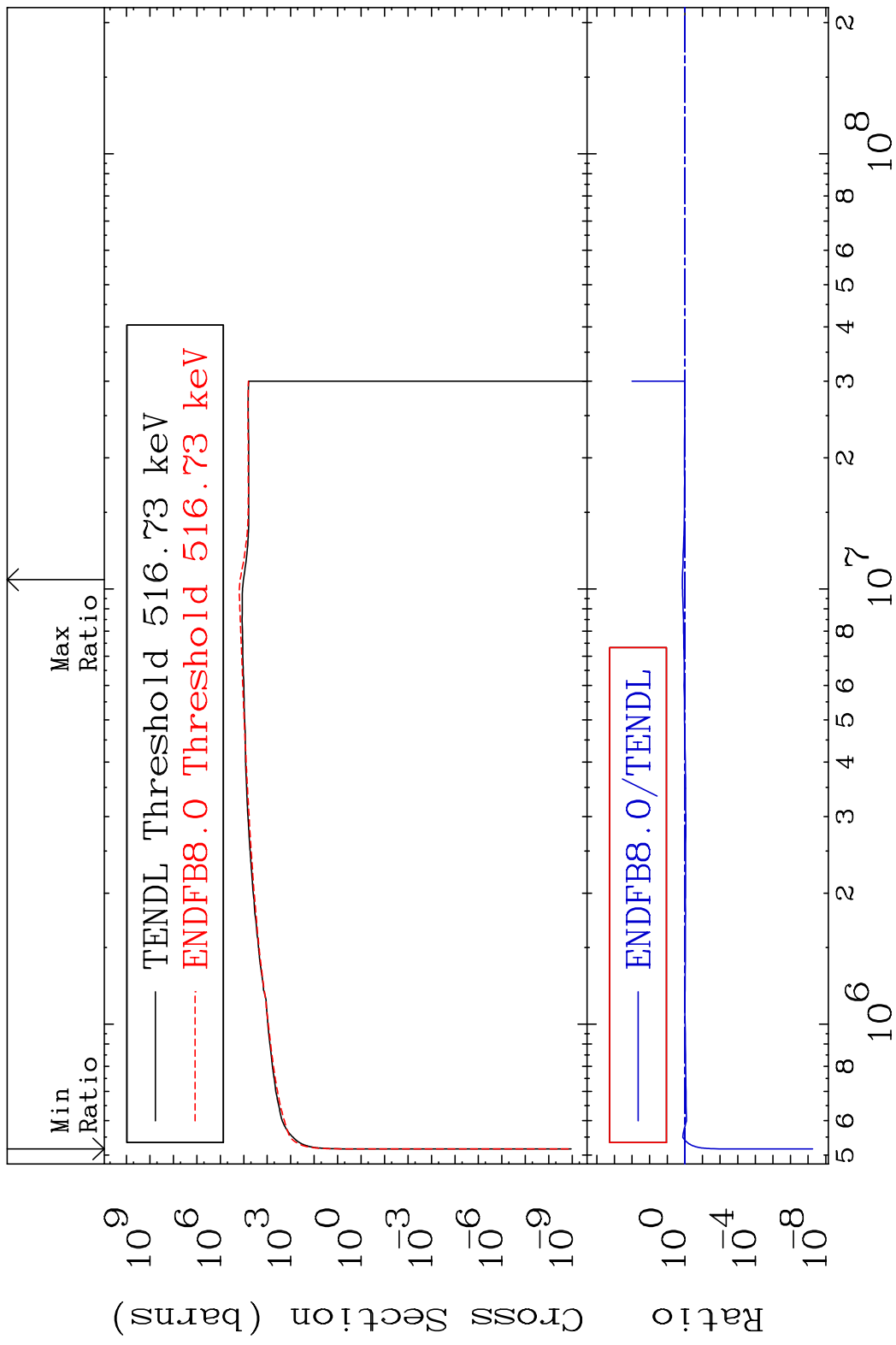
Dpa elastic (mt2)

46-Pd-106

Cross Section -99.64 To 9999. %



MAT 4637 Dpa inelastic (mt51-91) 46-Pd-106  
 Cross Section -100.0 To 38.85 %



MAT 4637 Dpa disappearance (mt102 -120) 46-Pd-106  
 Cross Section -100.0 To 9999. %

