

Program Complot
(Version 2018-1)

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
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

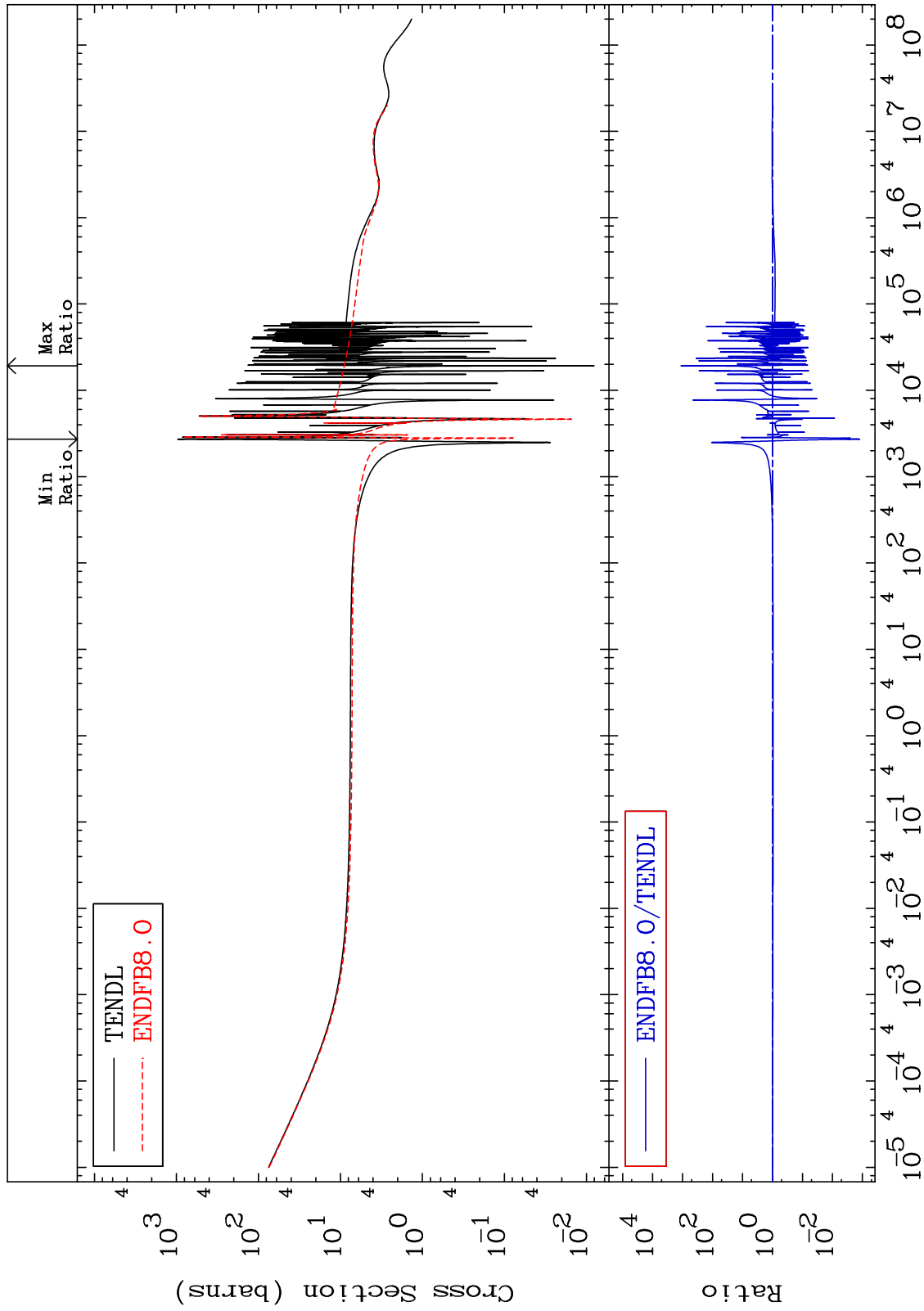
MAT 3237

Total

32-Ge-74

Cross Section

-99.88 To 9999. %



1

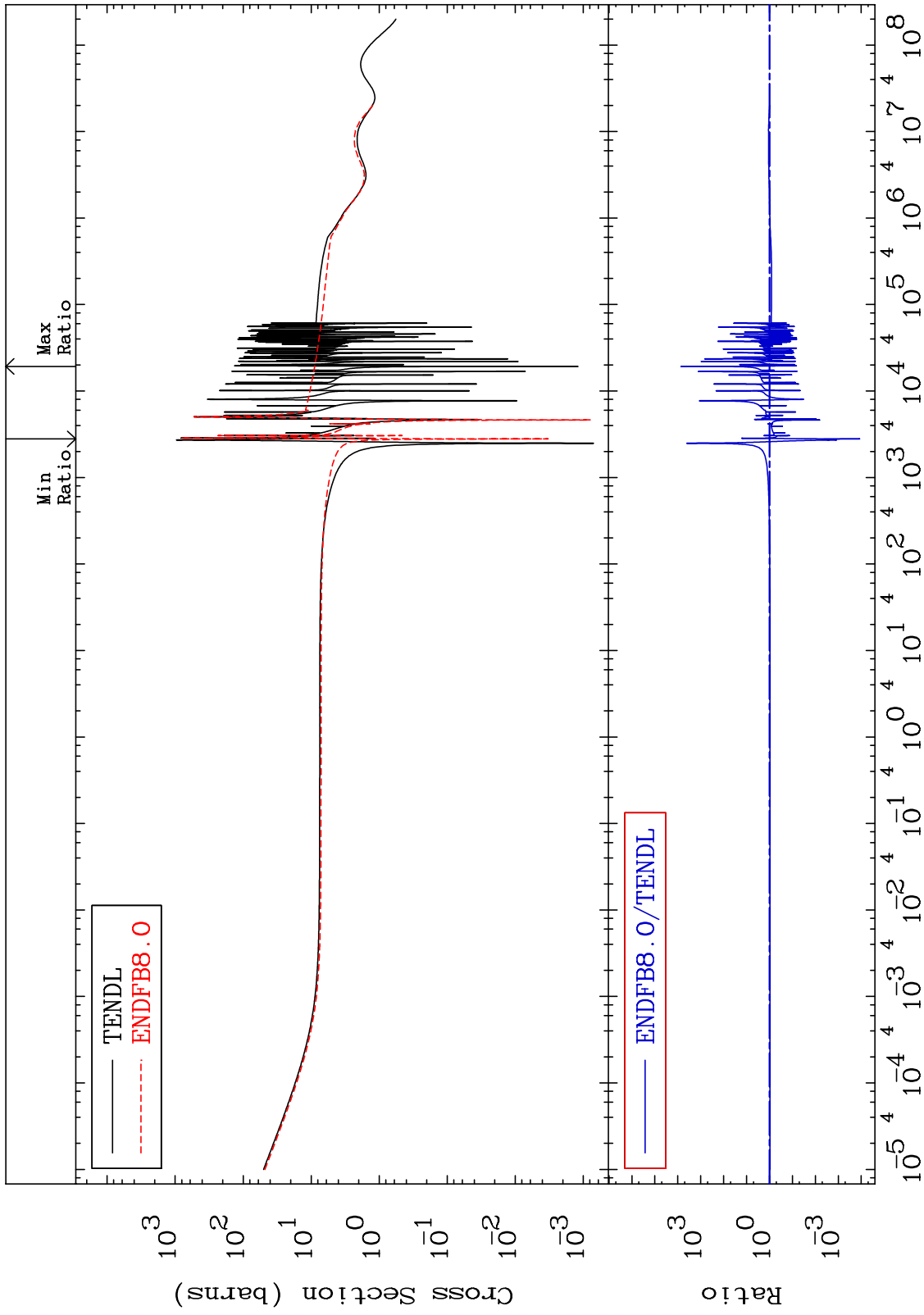
Incident Energy (eV)

32-Ge-74

MAT 3237

Elastic
Cross Section

32-Ge-74
-99.99 To 9999. %



2

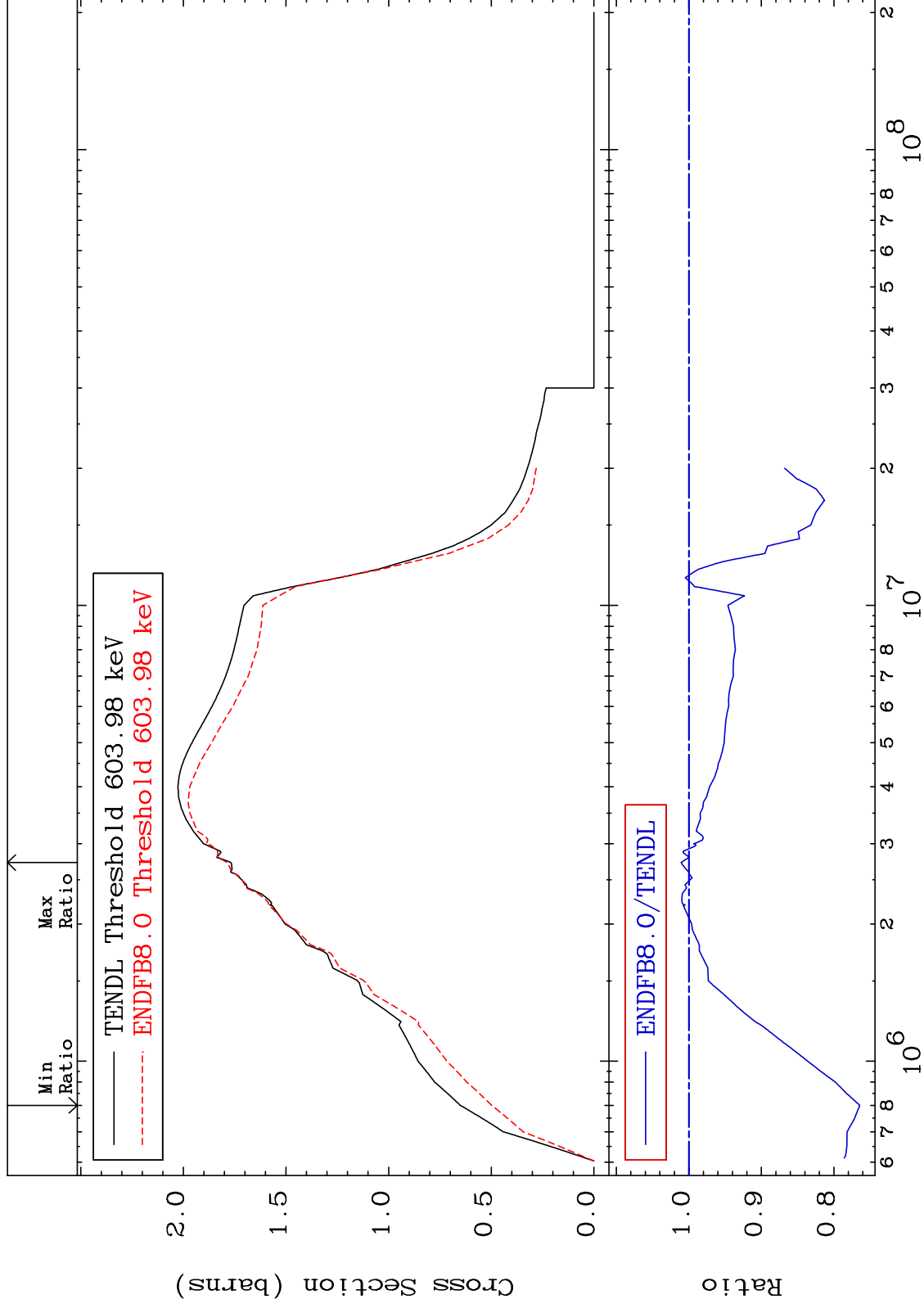
Incident Energy (eV)

32-Ge-74

MAT 3237

Inelastic
Cross Section

32-Ge-74
-23.57 To 1.050 %

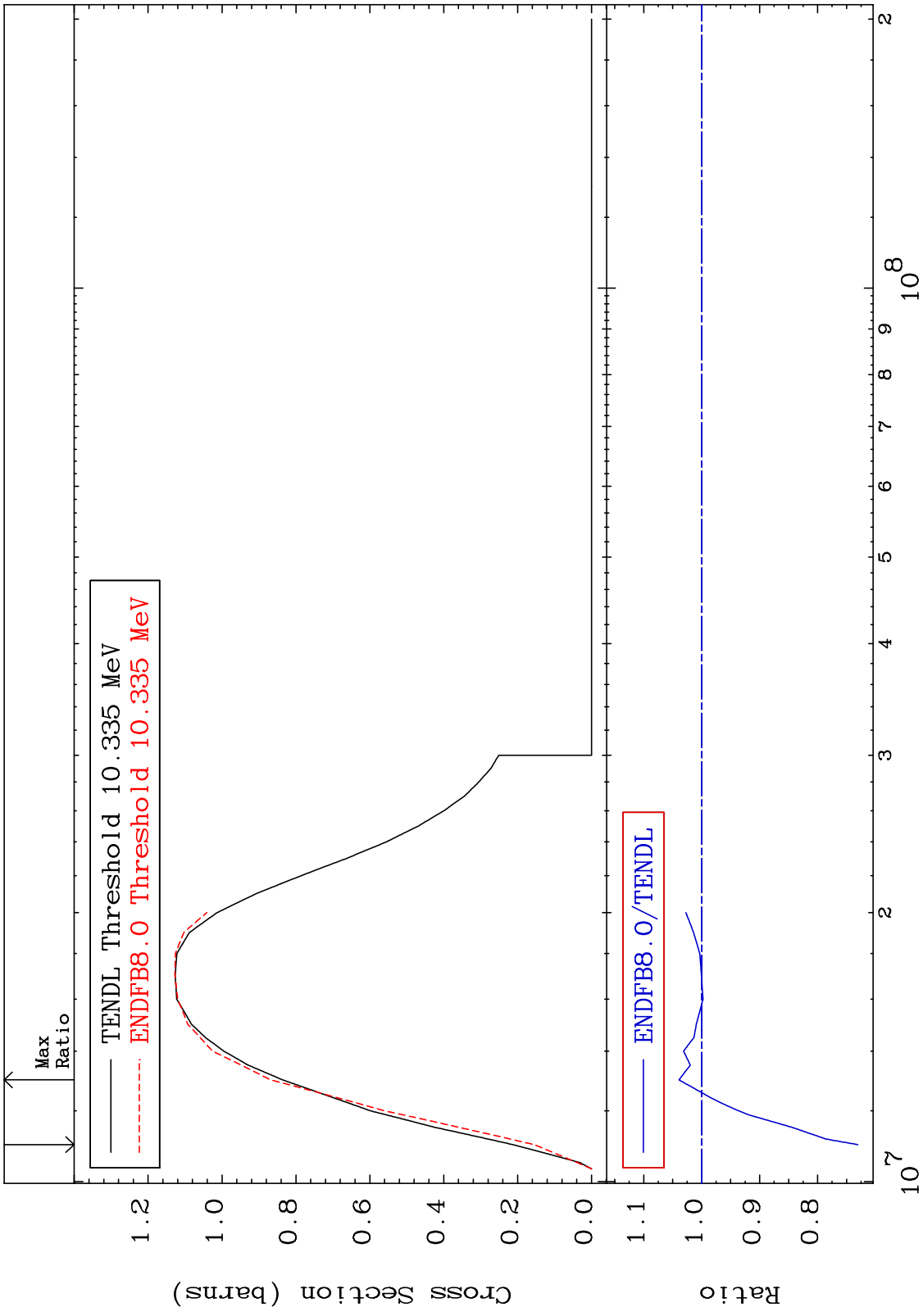


3

Incident Energy (eV)

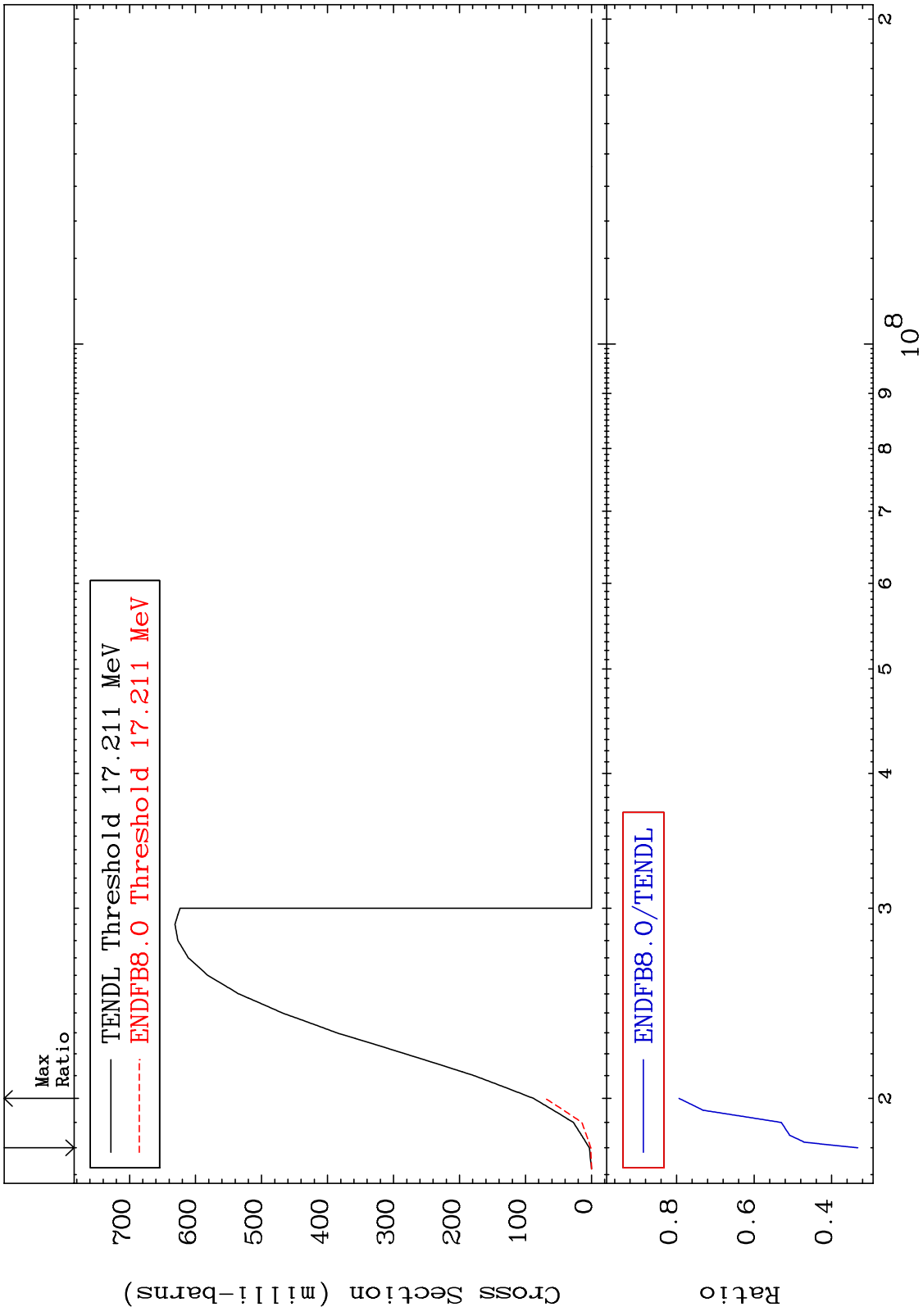
32-Ge-74

MAT 3237 (n,2n) Cross Section 32-Ge-74 -26.94 To 3.902 %

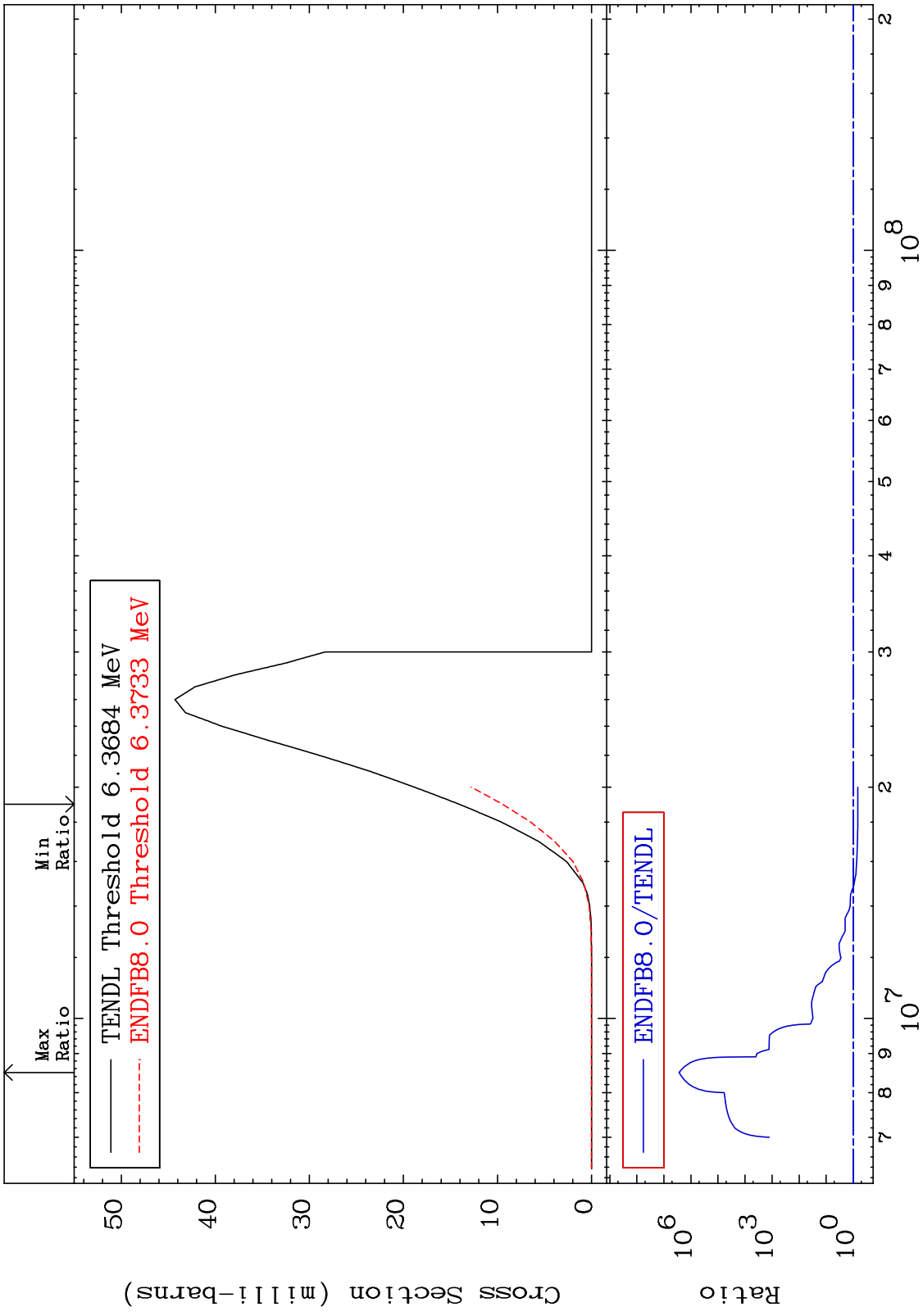


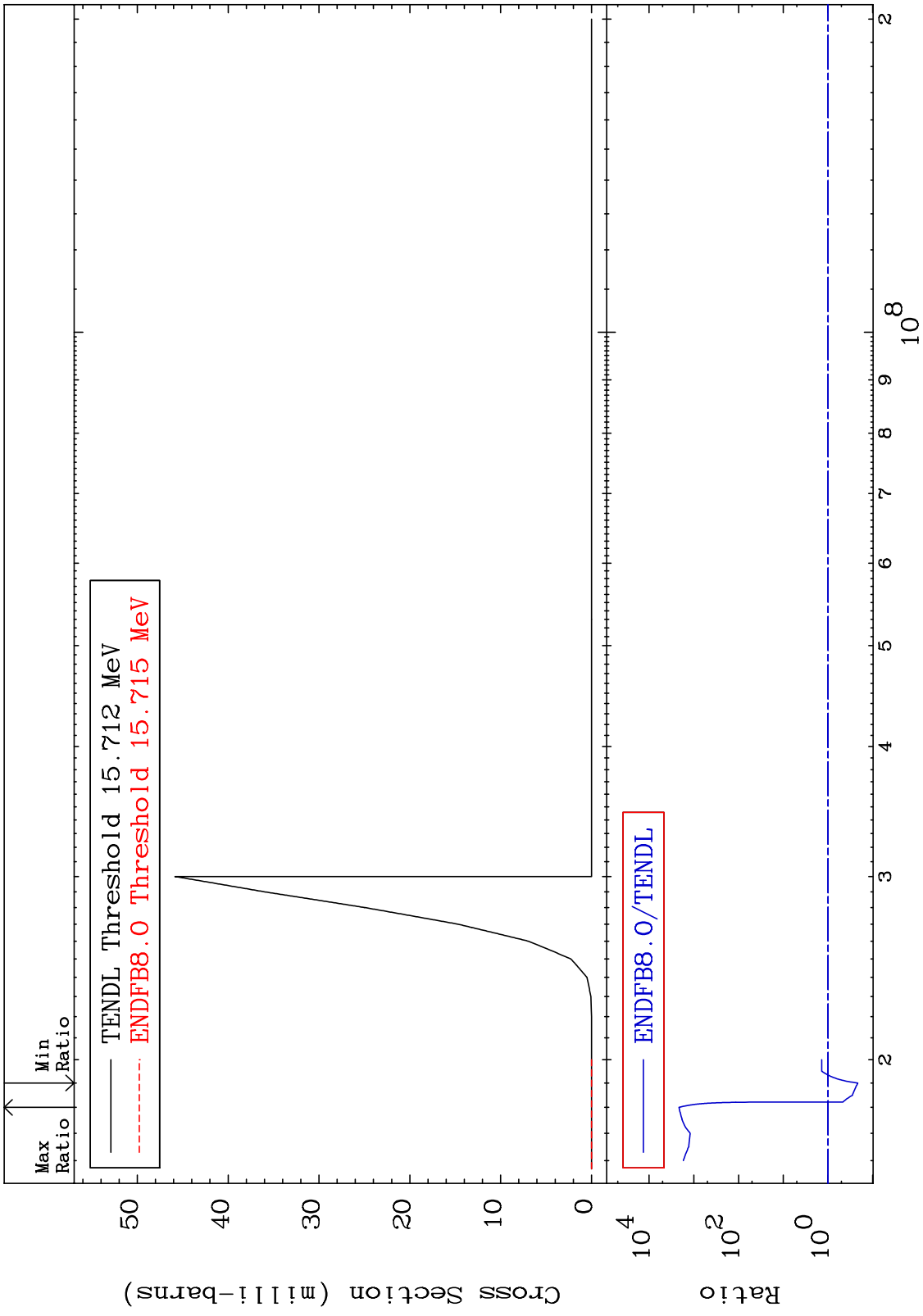
Incident Energy (eV) 32-Ge-74

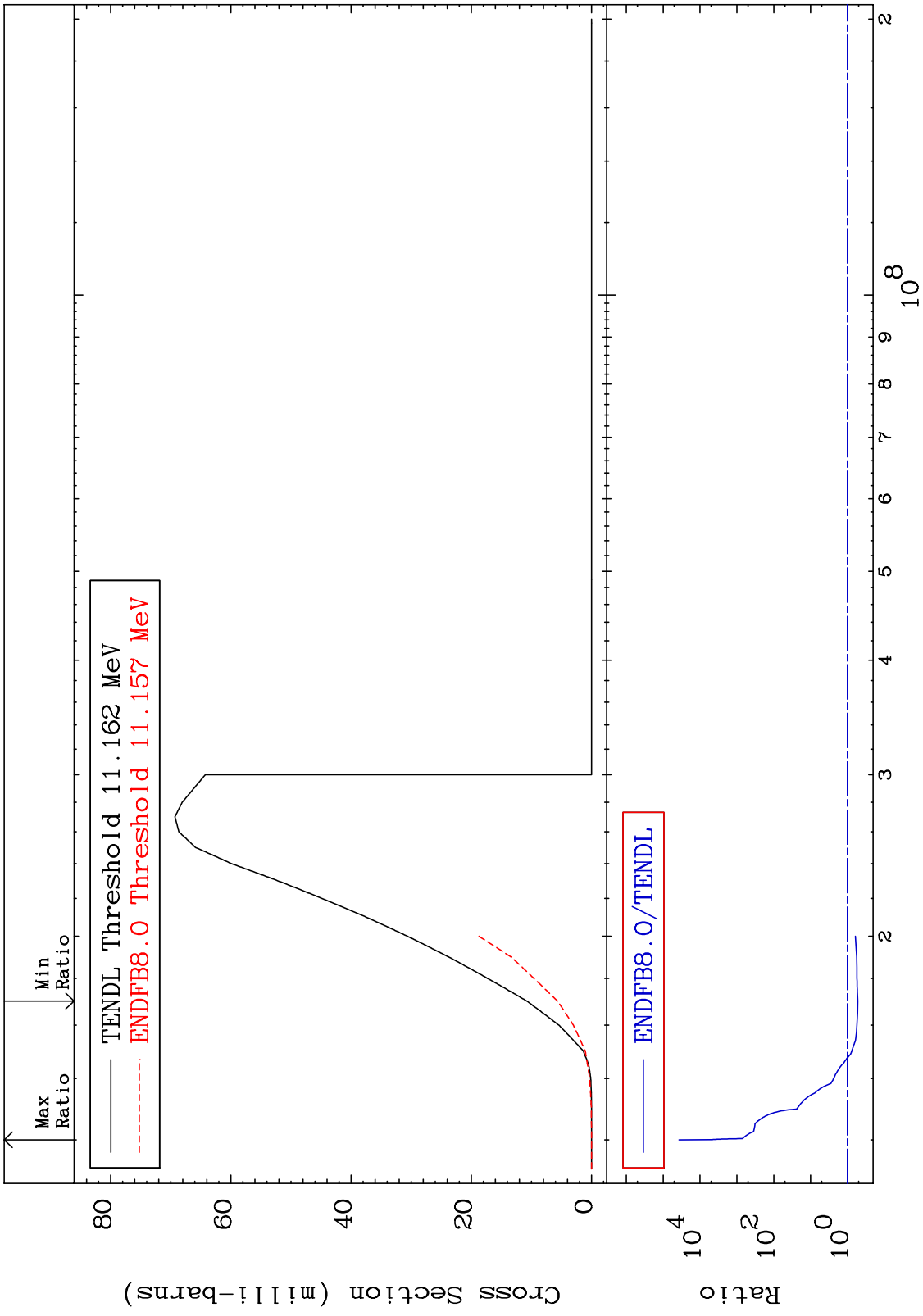
MAT 3237 (n,3n) Cross Section 32-Ge-74 -66.75 To -20.63%



MAT 3237 $(n, n') \alpha$ 32-Ge-74
 Cross Section -32.76 To 9999. %



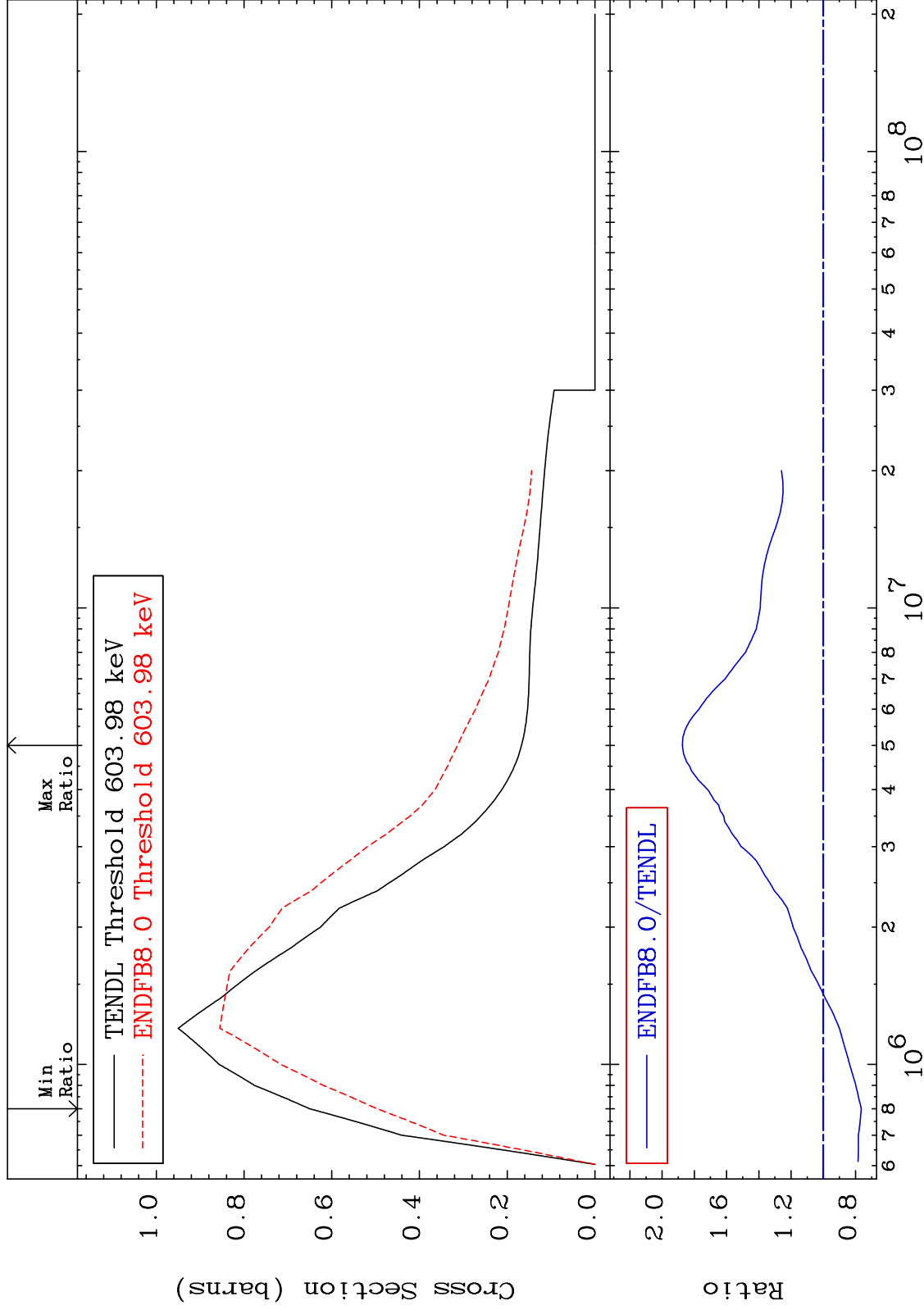




MAT 3237

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

32-Ge-74
-23.57 To 87.38 %

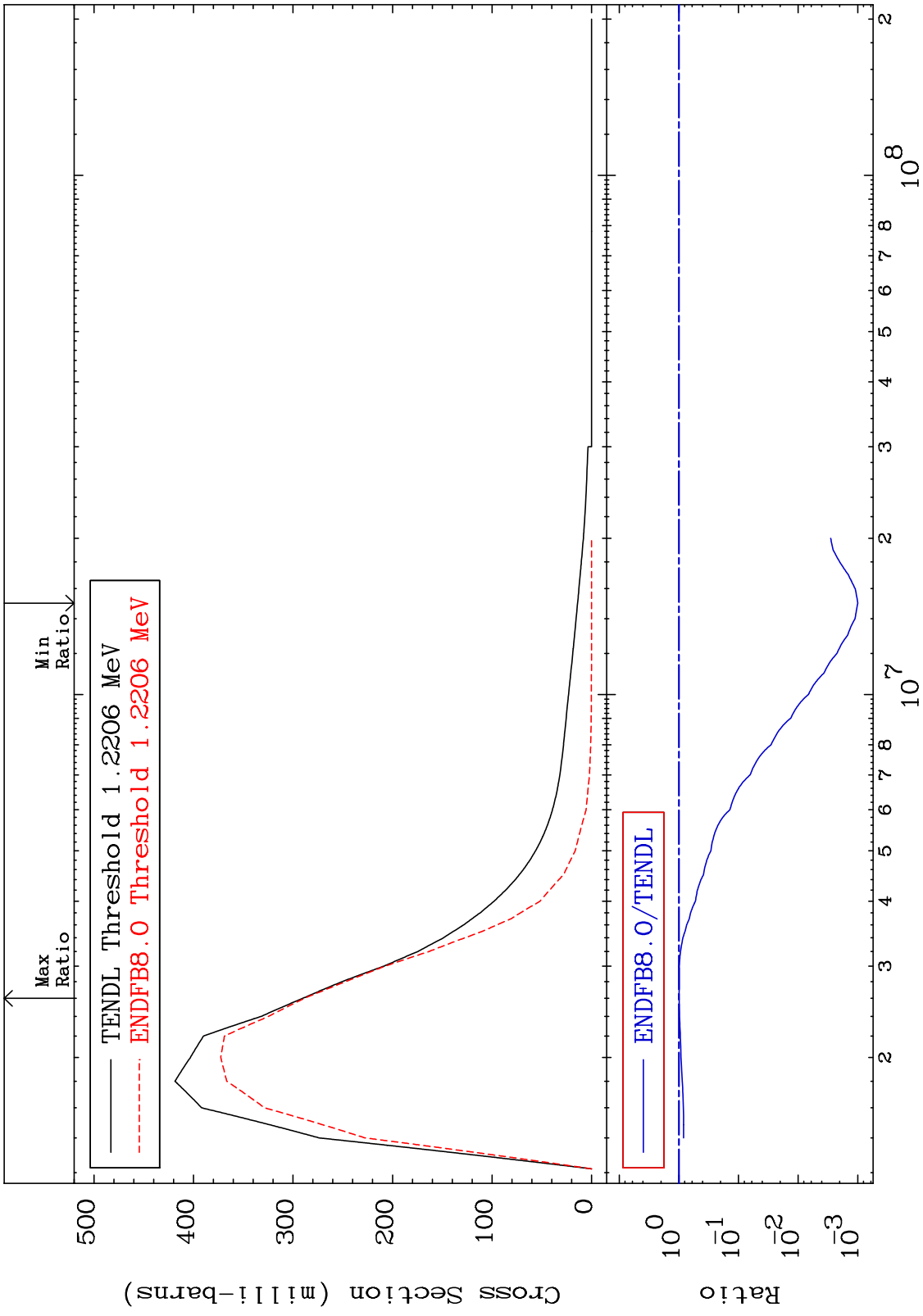


9

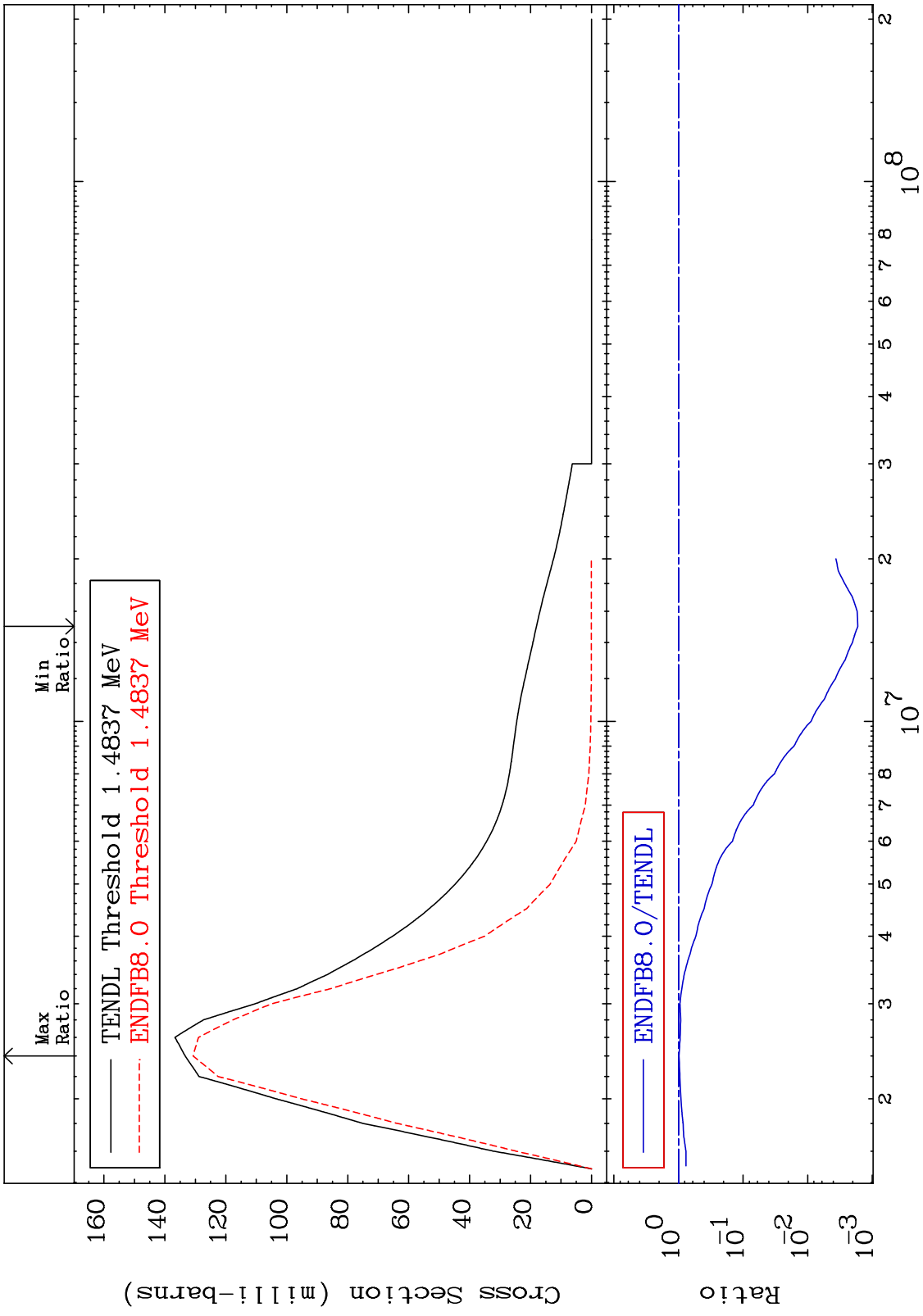
Incident Energy (eV)

32-Ge-74

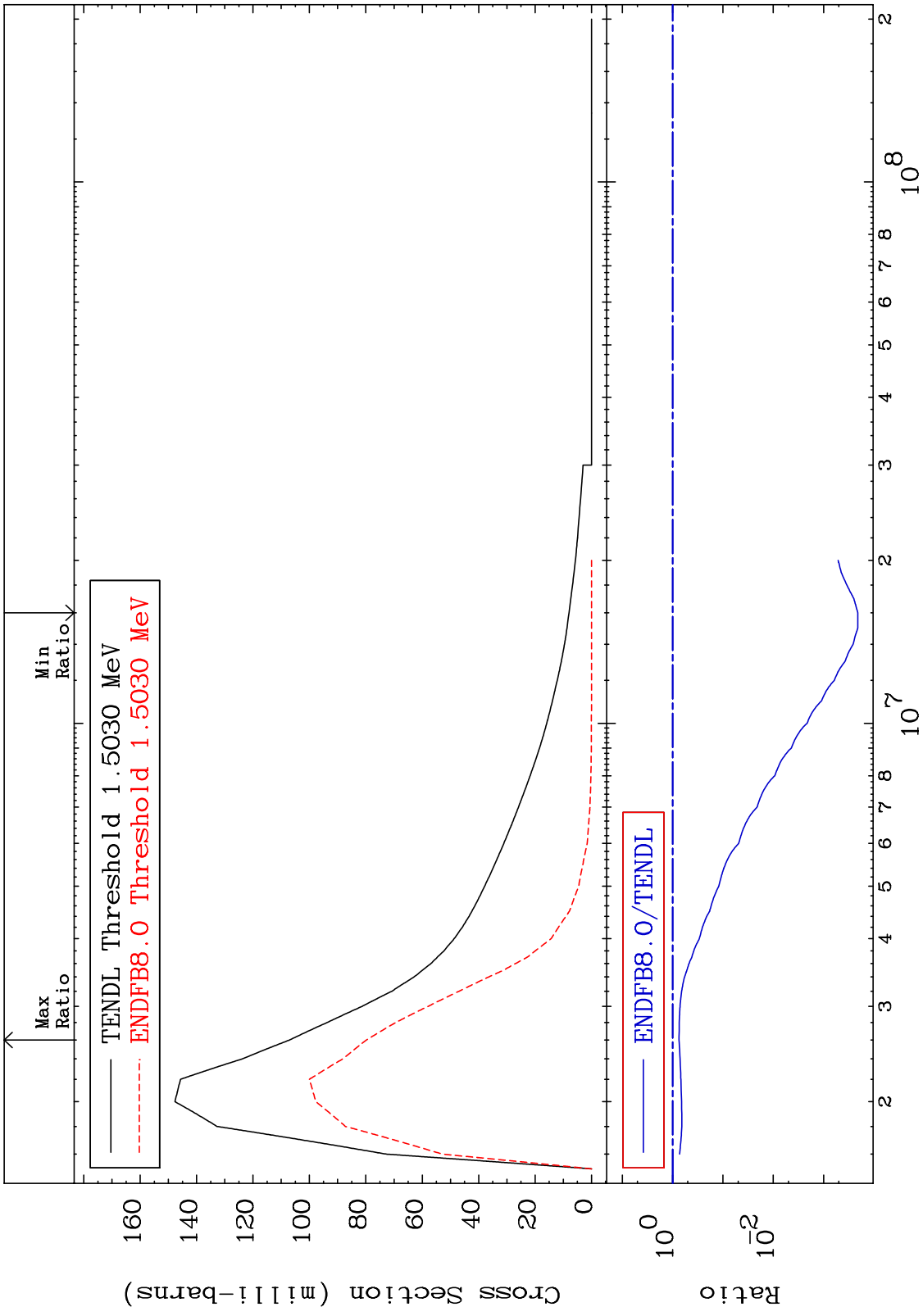
MAT 3237 MT= 52 (n,n') Level Cross Section 32-Ge-74
 -99.90 To -0.577%



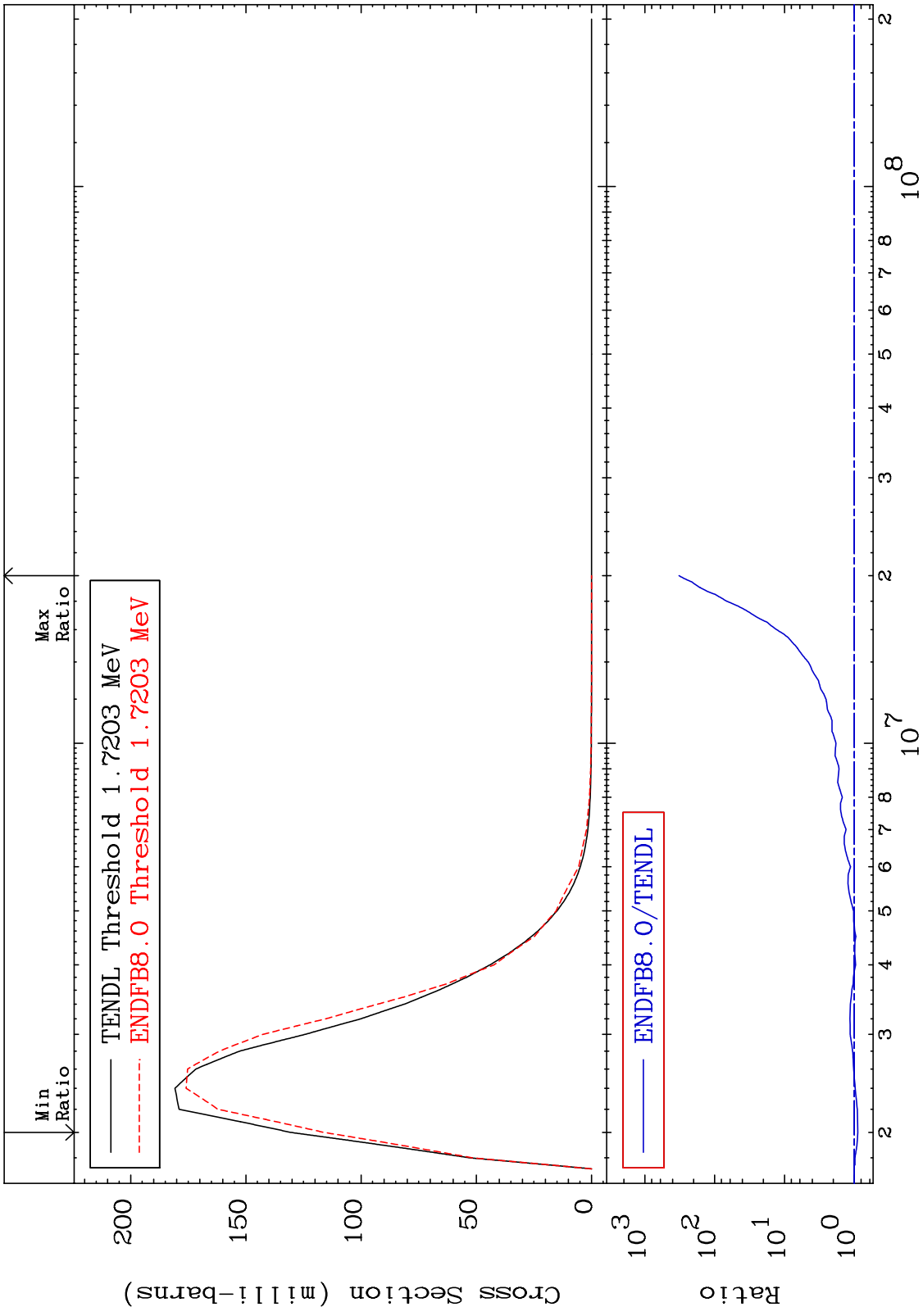
MAT 3237 MT= 53 (n,n') Level Cross Section 32-Ge-74 -99.83 To -1.937%



MAT 3237 MT= 54 (n,n') Level Cross Section 32-Ge-74 -99.98 To -25.44%



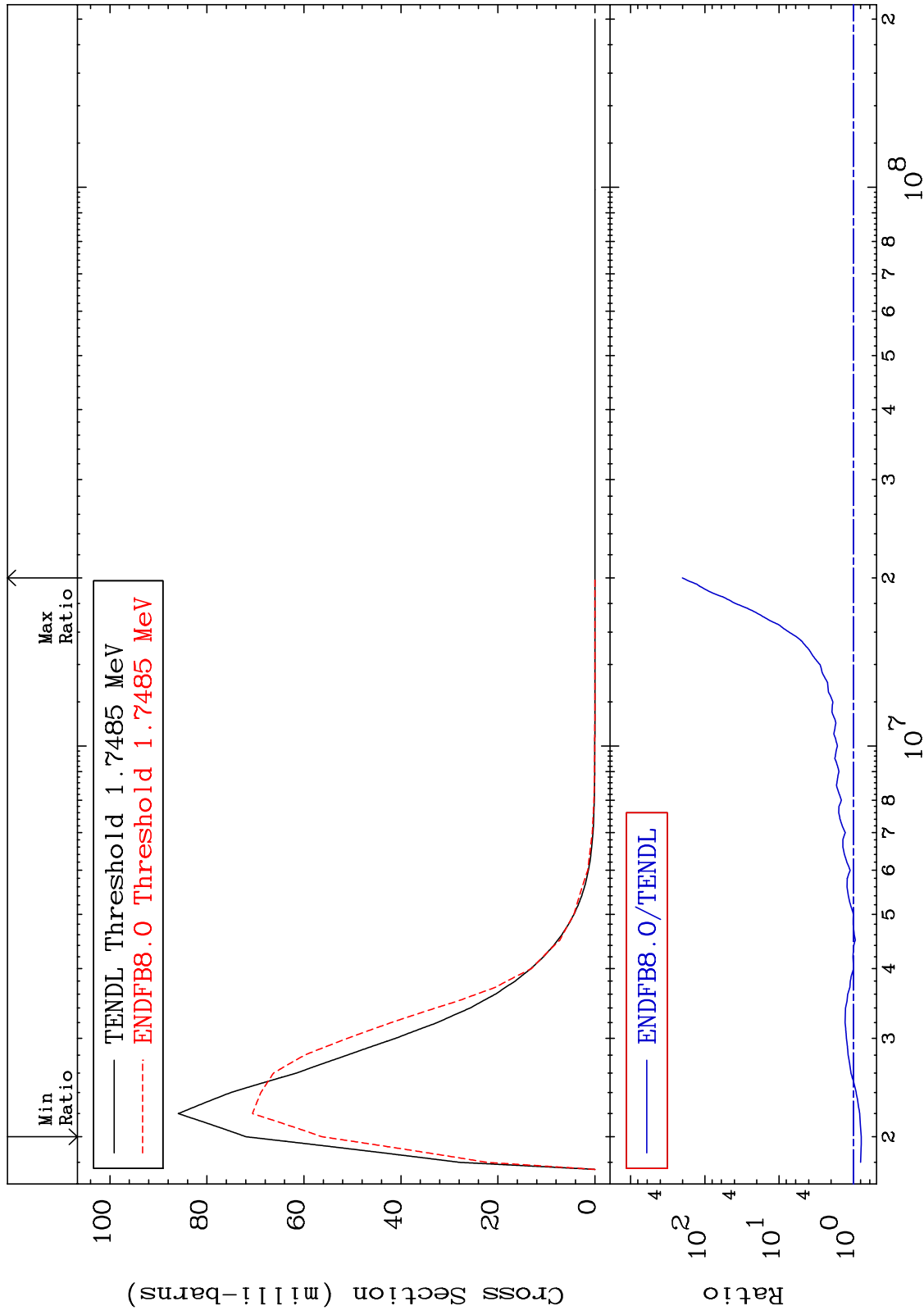
MAT 3237 MT= 55 (n,n') Level Cross Section -11.03 To 9999. % 32-Ge-74



MAT 3237

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

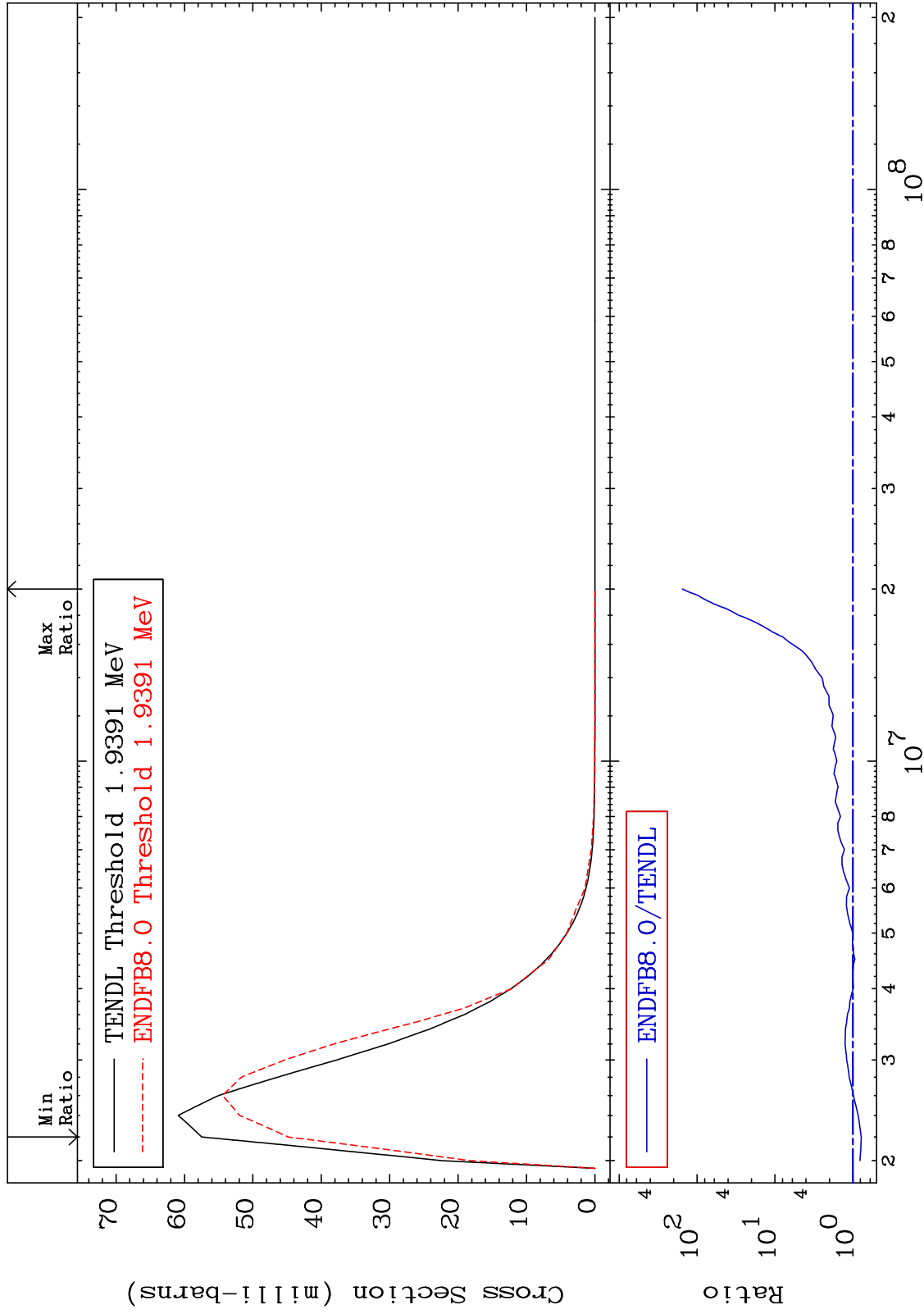
32-Ge-74
-21.79 To 9999. %



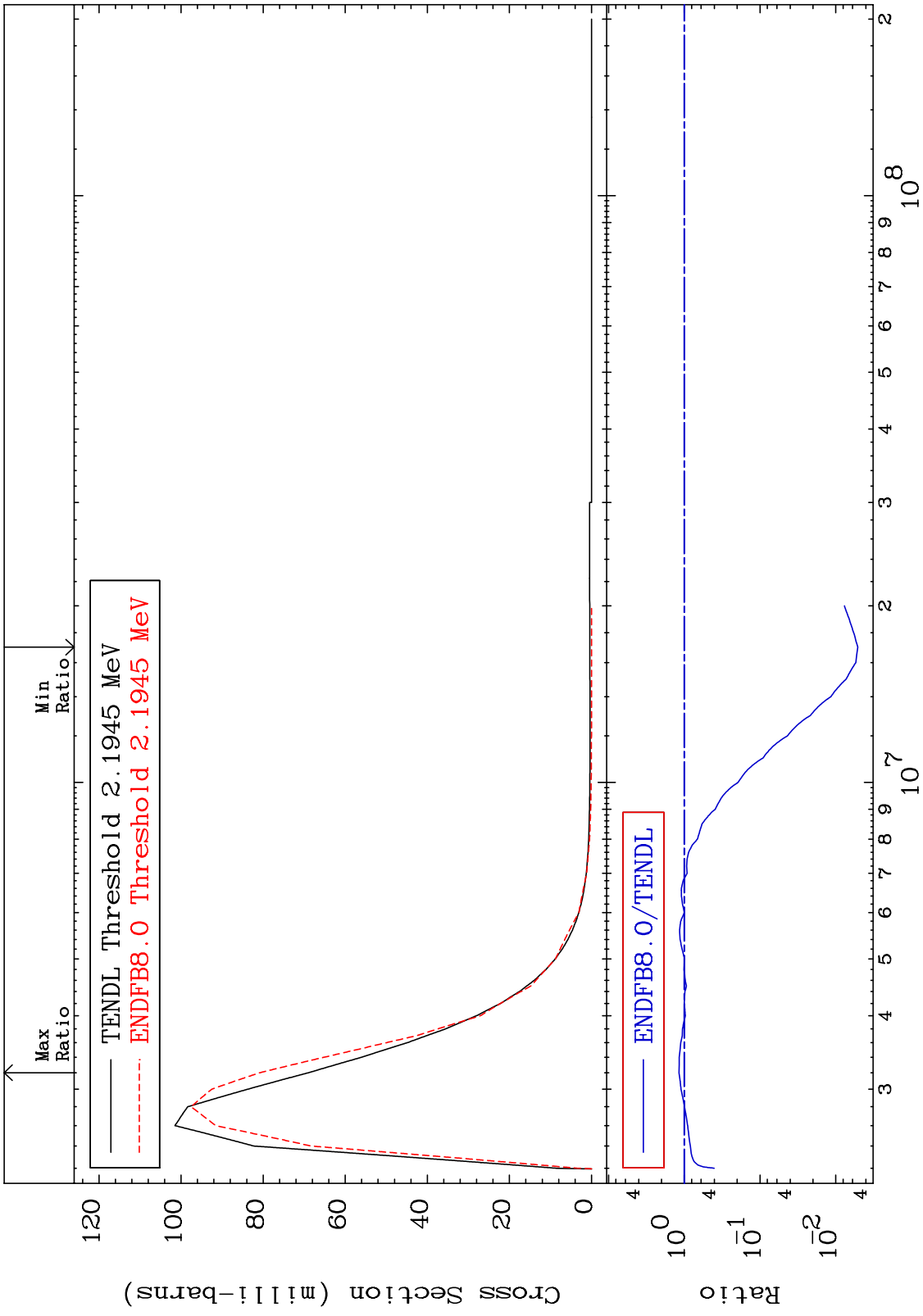
MAT 3237

MT= 57 (n,n') Level
Cross Section

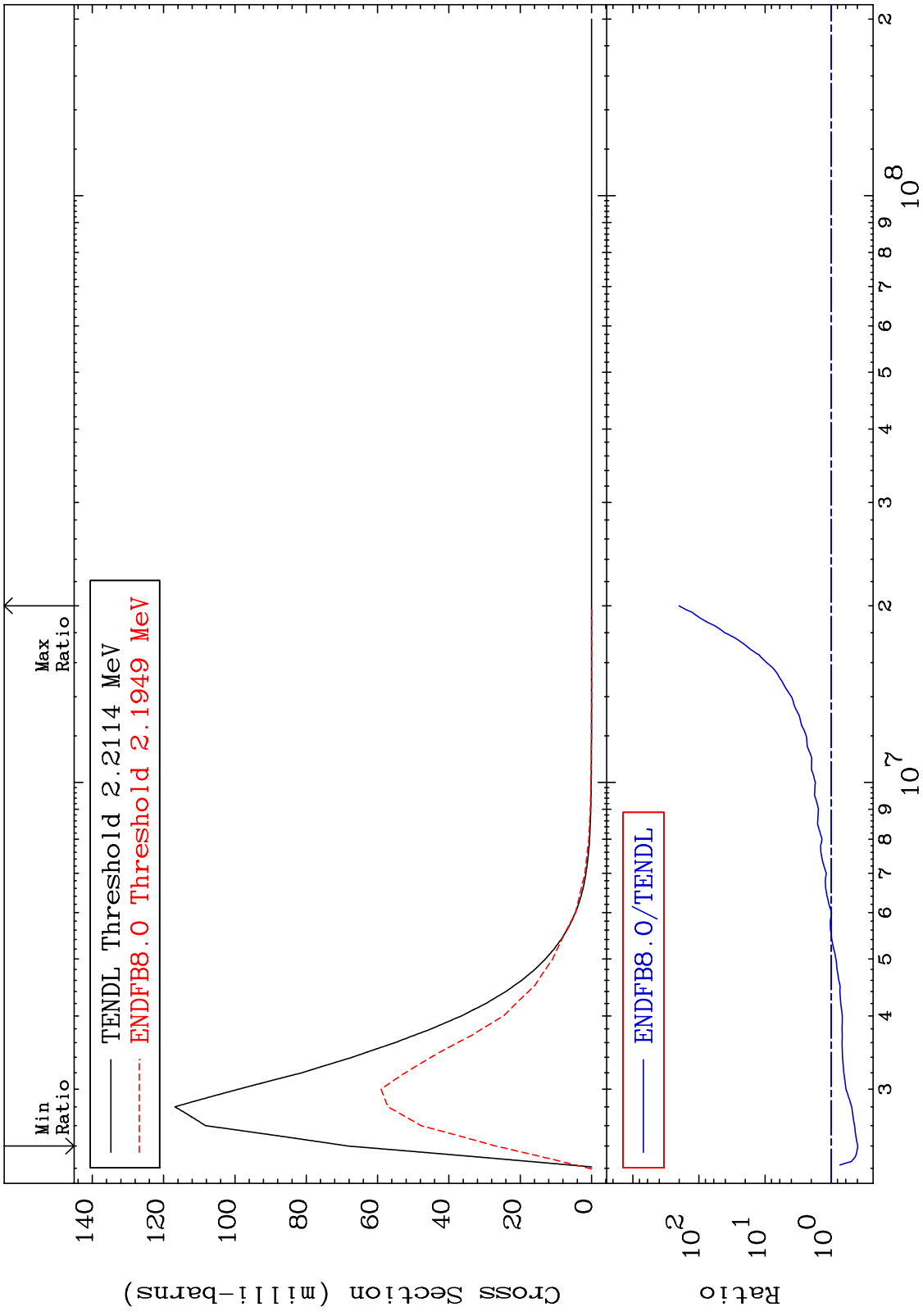
32-Ge-74
-21.97 To 9999. %



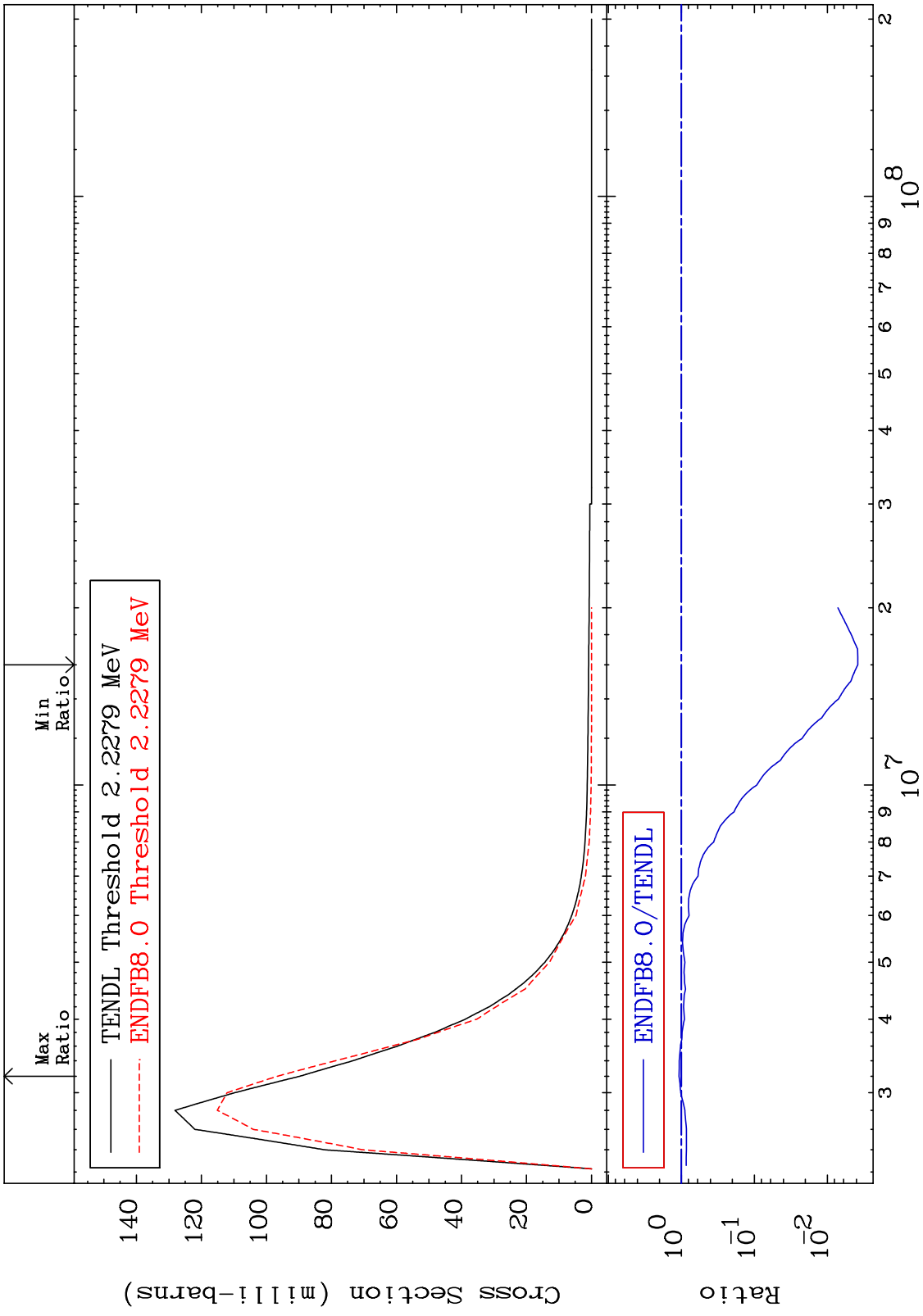
MAT 3237 MT= 58 (n,n') Level Cross Section 32-Ge-74
 -99.49 To 17.23 %



MAT 3237 MT= 59 (n,n') Level Cross Section 32-Ge-74
 -60.59 To 9999. %



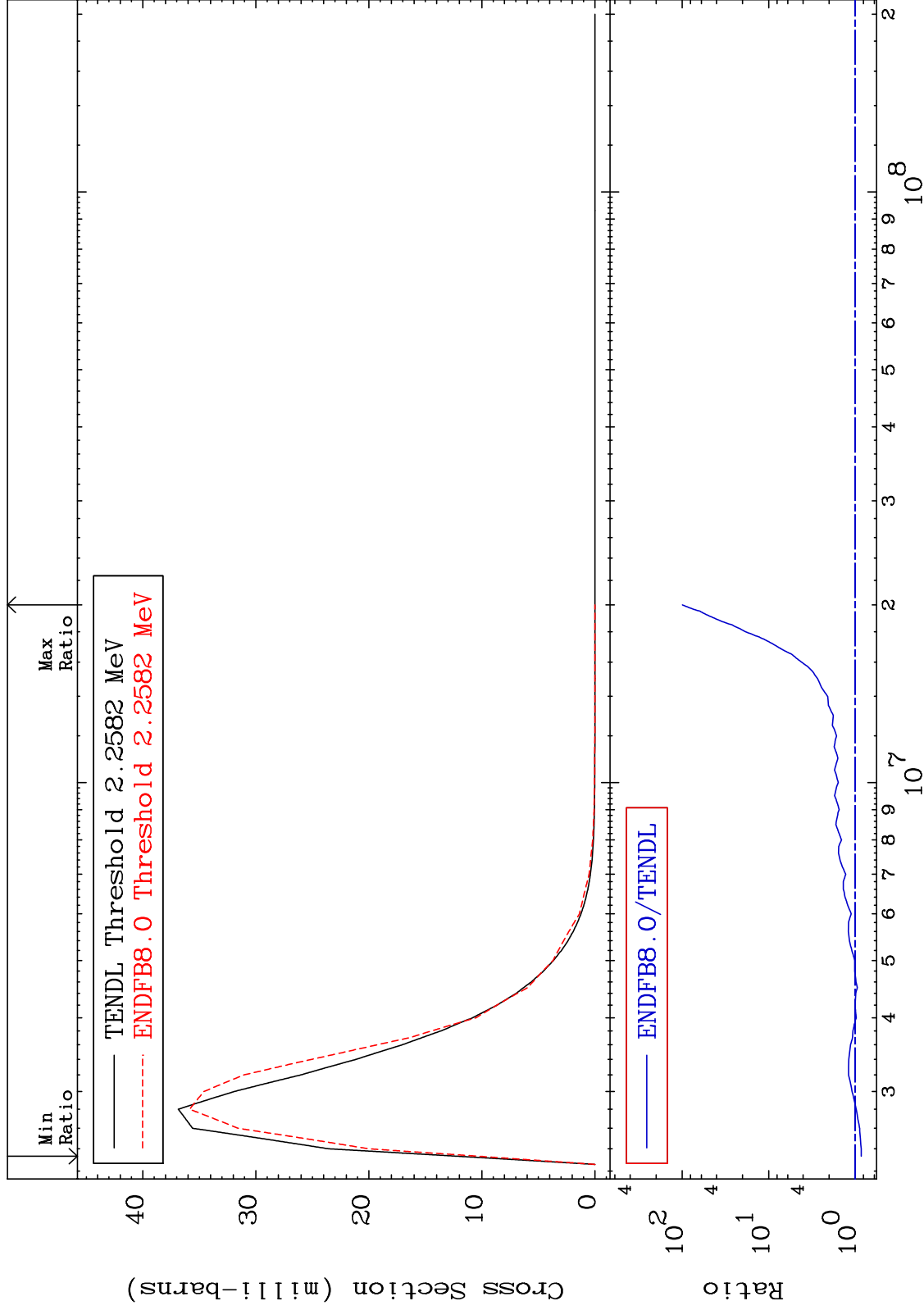
MAT 3237 MT= 60 (n,n') Level Cross Section 32-Ge-74
 -99.62 To 7.702 %



MAT 3237

MT= 61 (n,n') Level
Cross Section

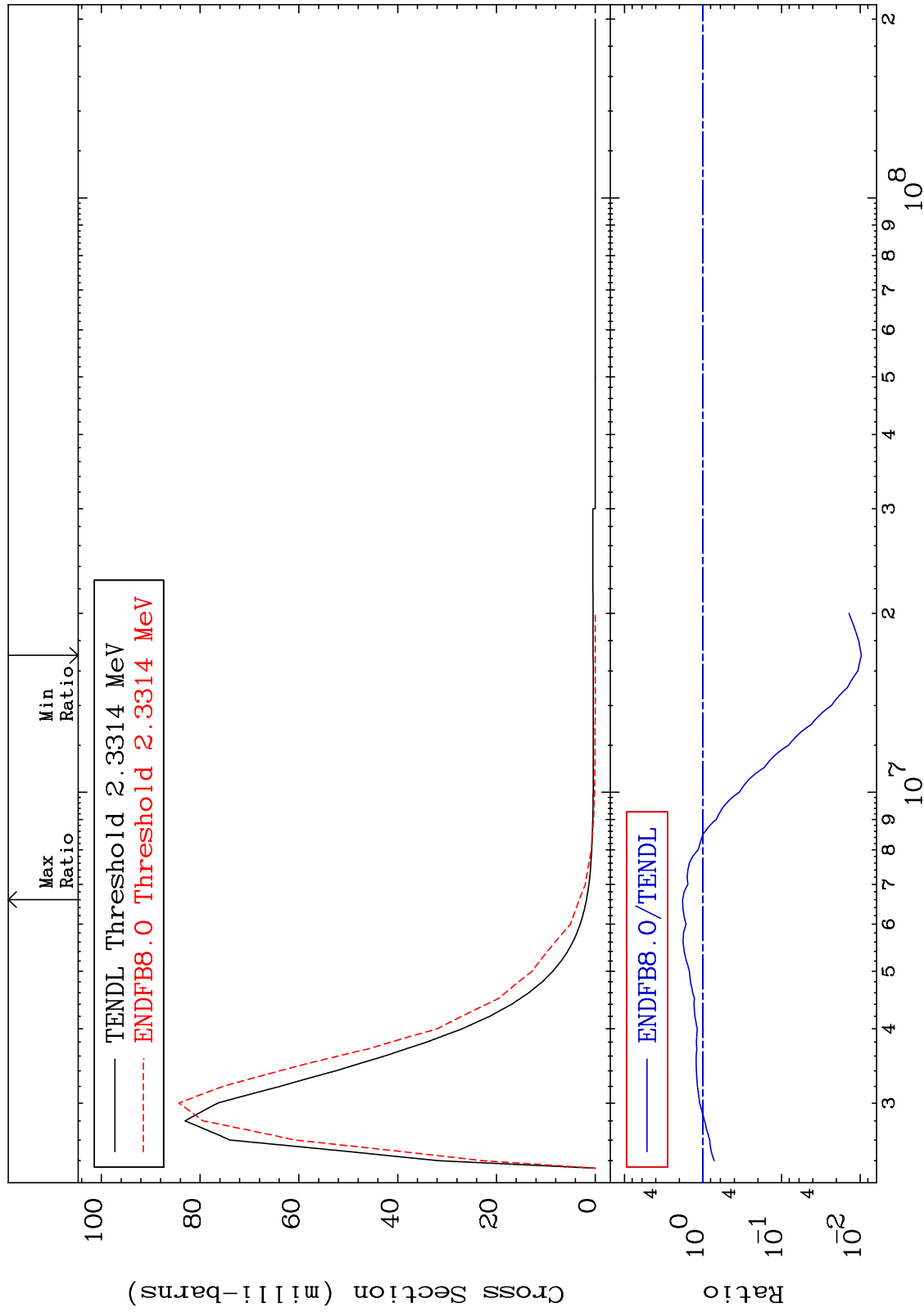
32-Ge-74
-15.12 To 9822. %



MAT 3237

MT= 62 (n,n') Level
Cross Section

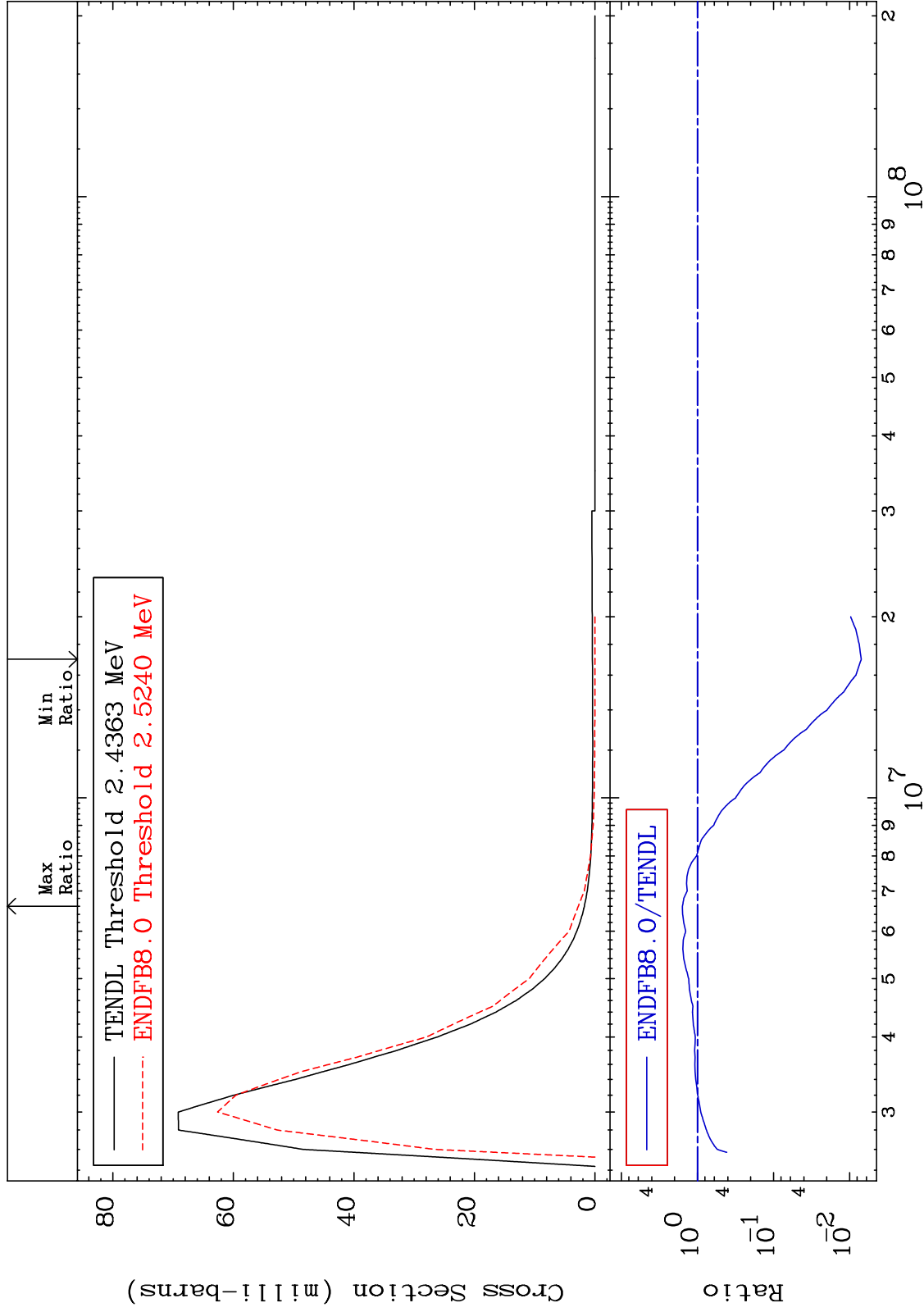
32-Ge-74
-99.03 To 81.48 %



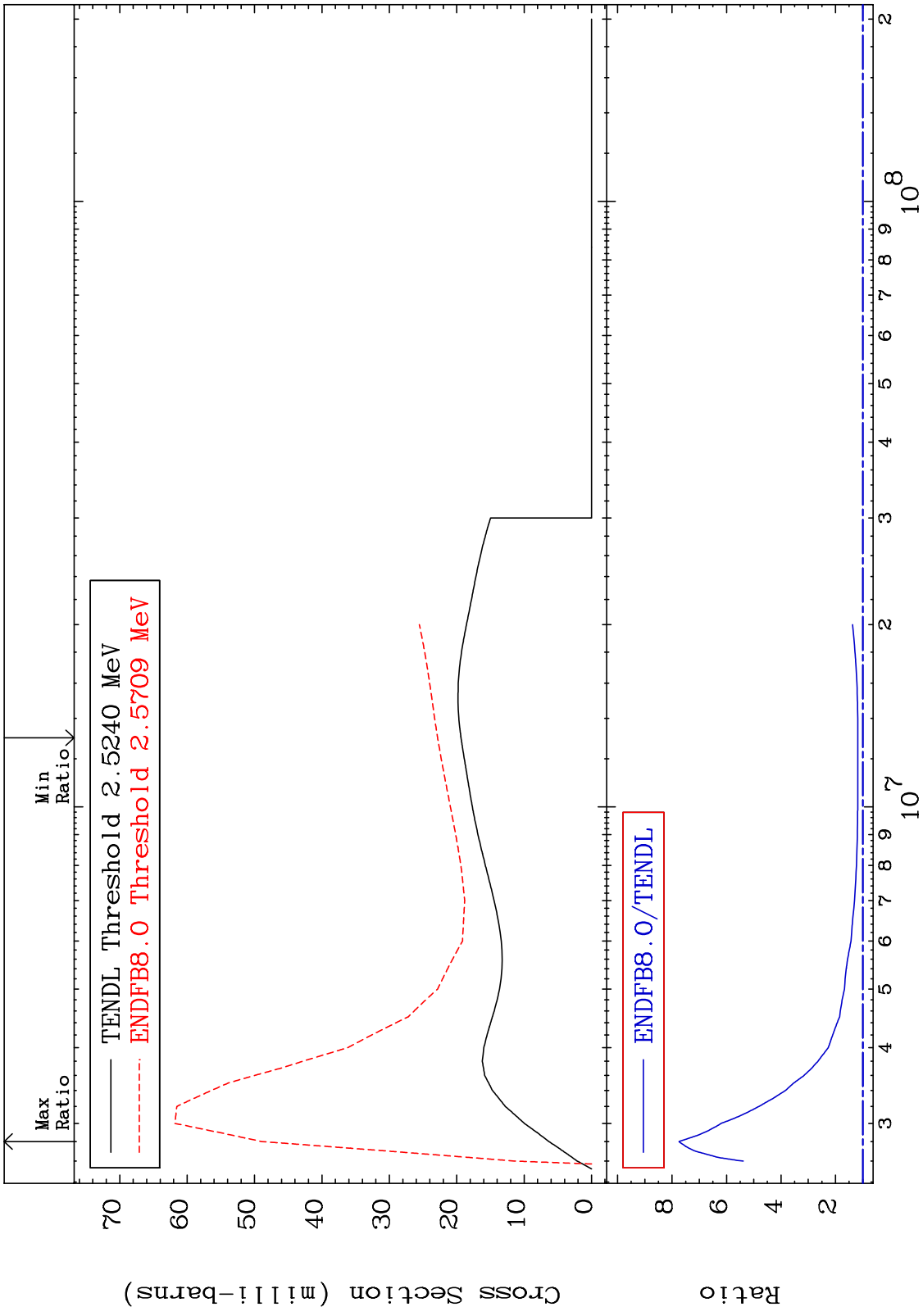
MAT 3237

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

32-Ge-74
-99.30 To 57.63 %



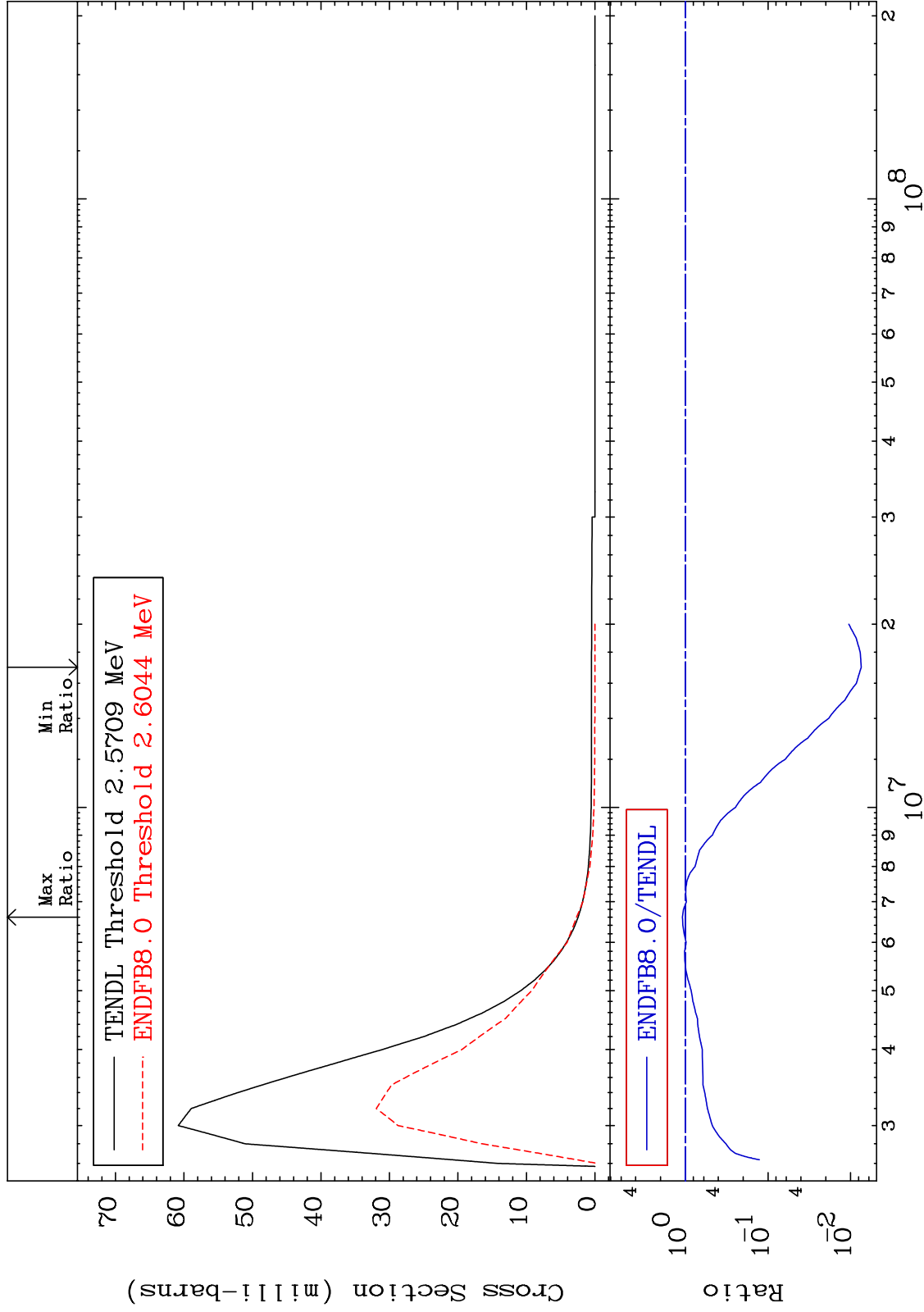
MAT 3237 MT= 64 (n,n') Level Cross Section 32-Ge-74 17.95 To 674.3 %



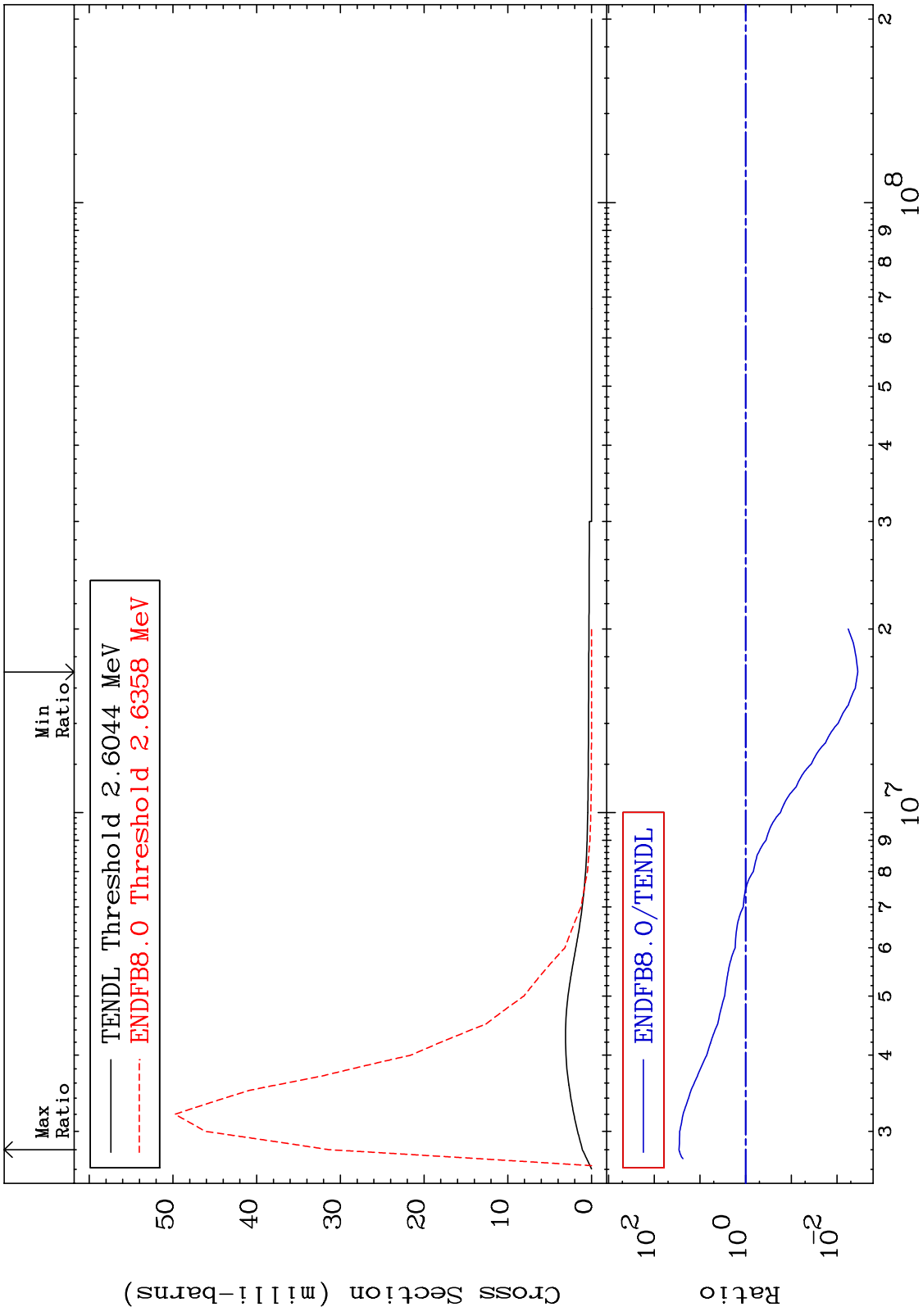
MAT 3237

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

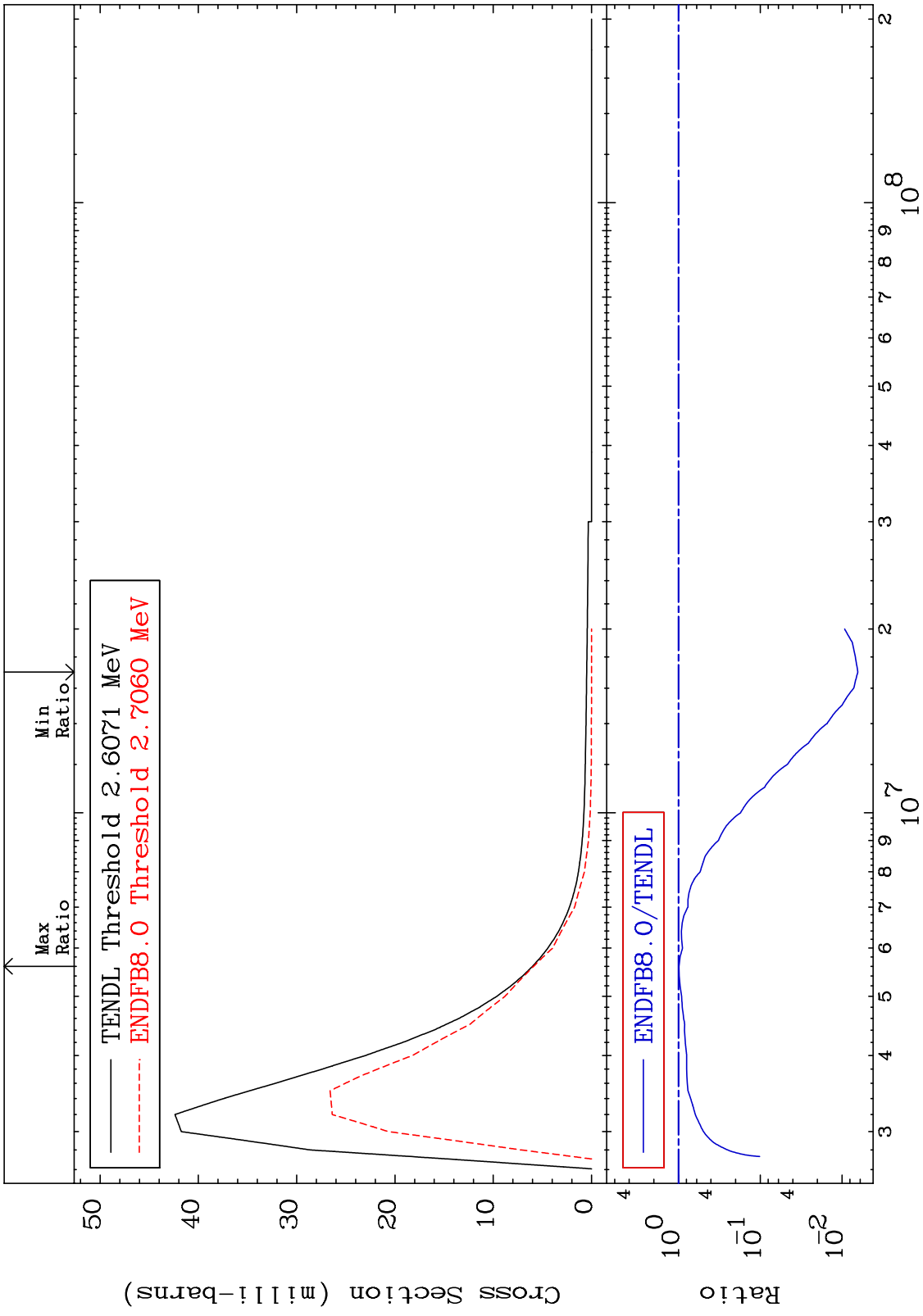
32-Ge-74
-99.26 To 8.486 %



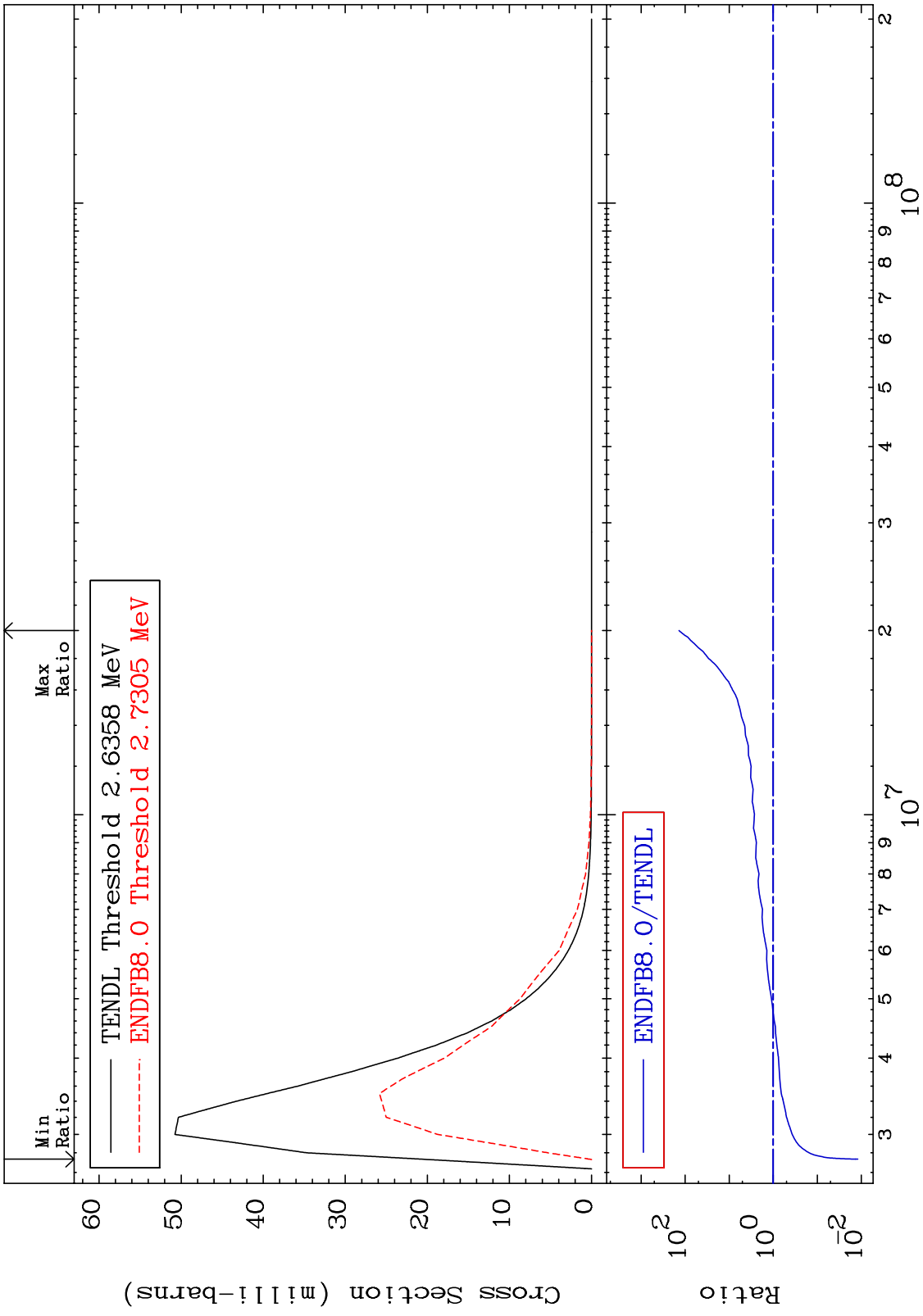
MAT 3237 MT= 66 (n,n') Level Cross Section 32-Ge-74
 -99.65 To 2767. %



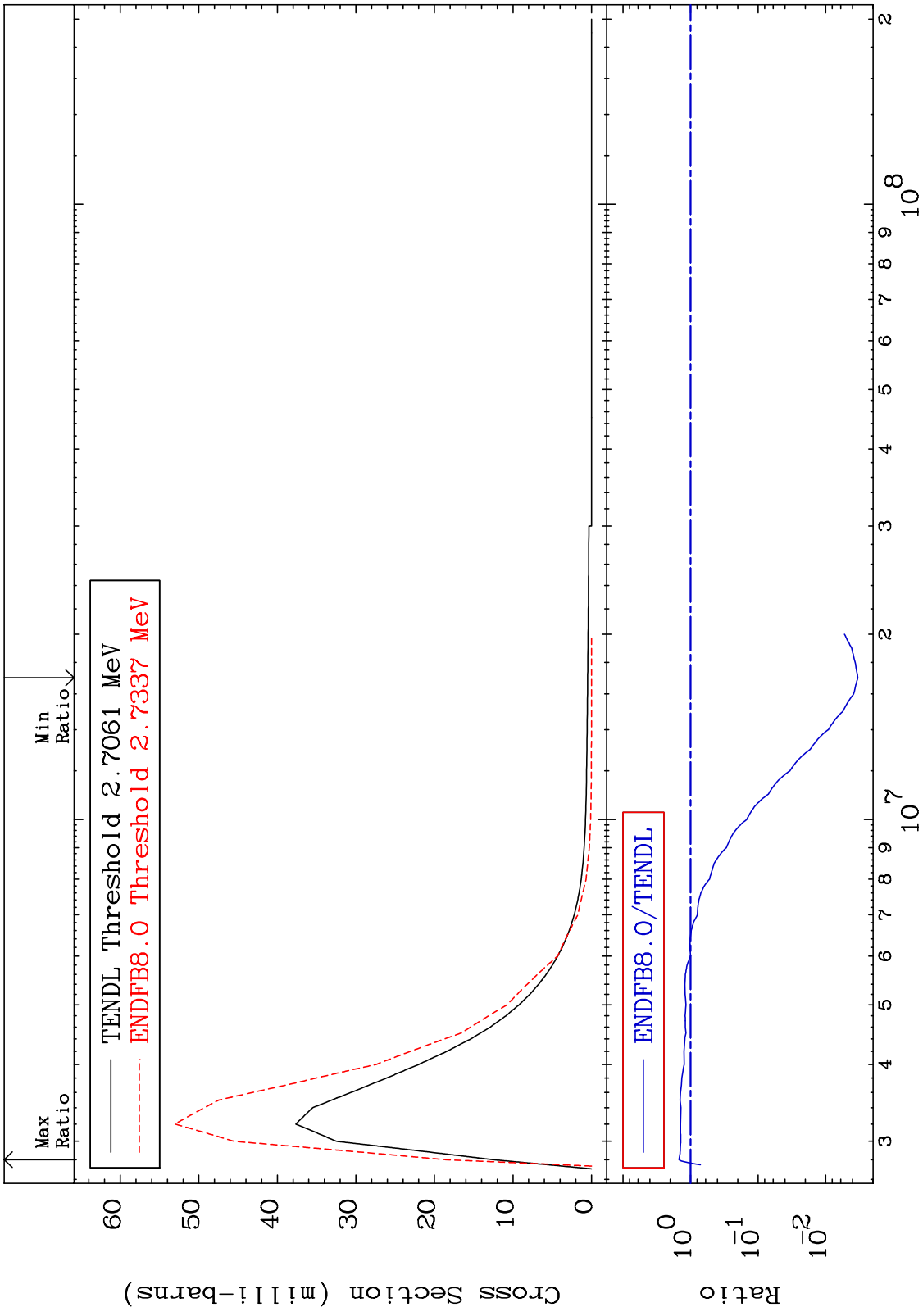
MAT 3237 MT= 67 (n,n') Level Cross Section 32-Ge-74 -99.36 To -1.713%



MAT 3237 MT= 68 (n,n') Level Cross Section 32-Ge-74
 -98.80 To 9999. %



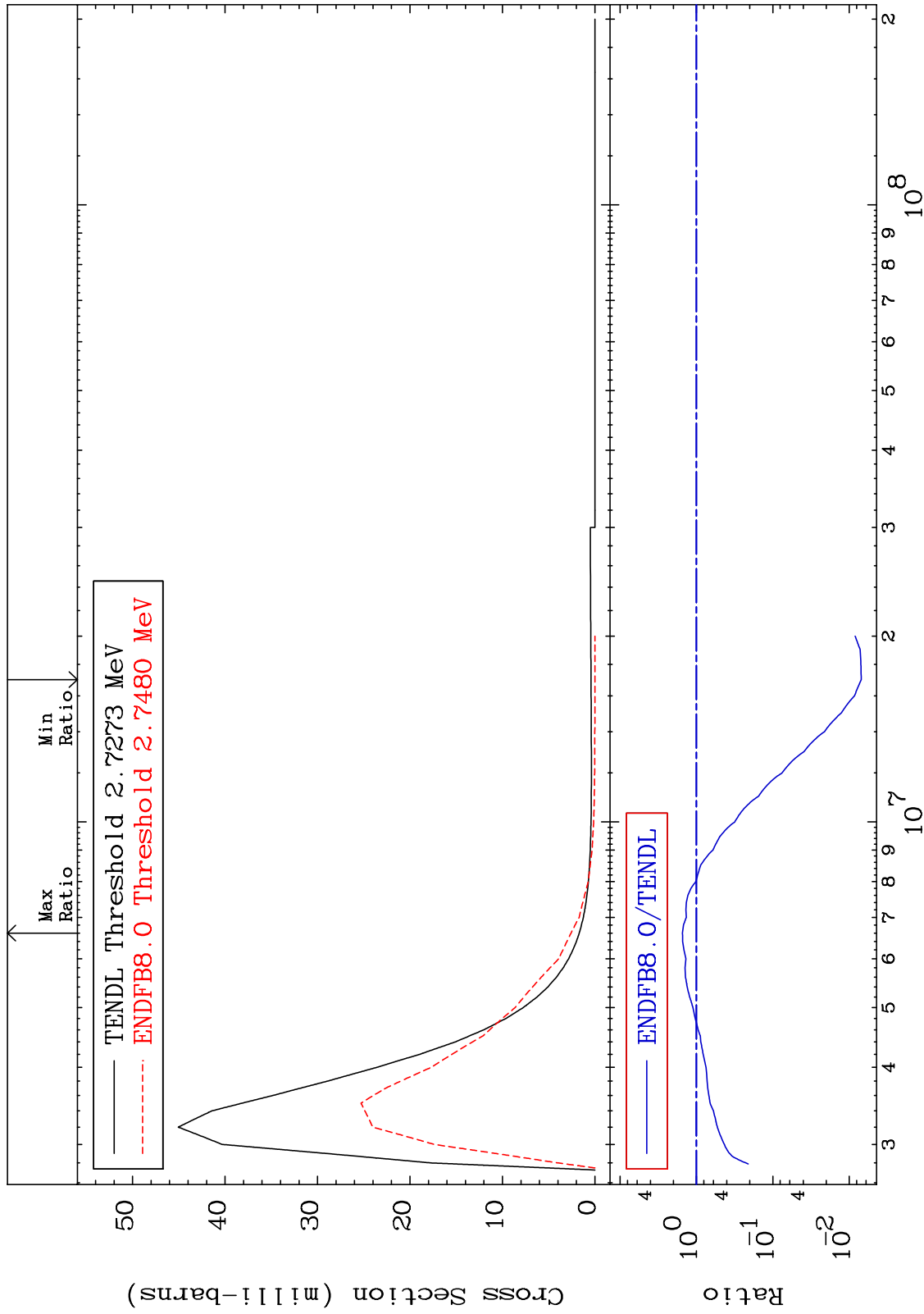
MAT 3237 MT= 69 (n,n') Level Cross Section 32-Ge-74
 -99.67 To 48.15 %



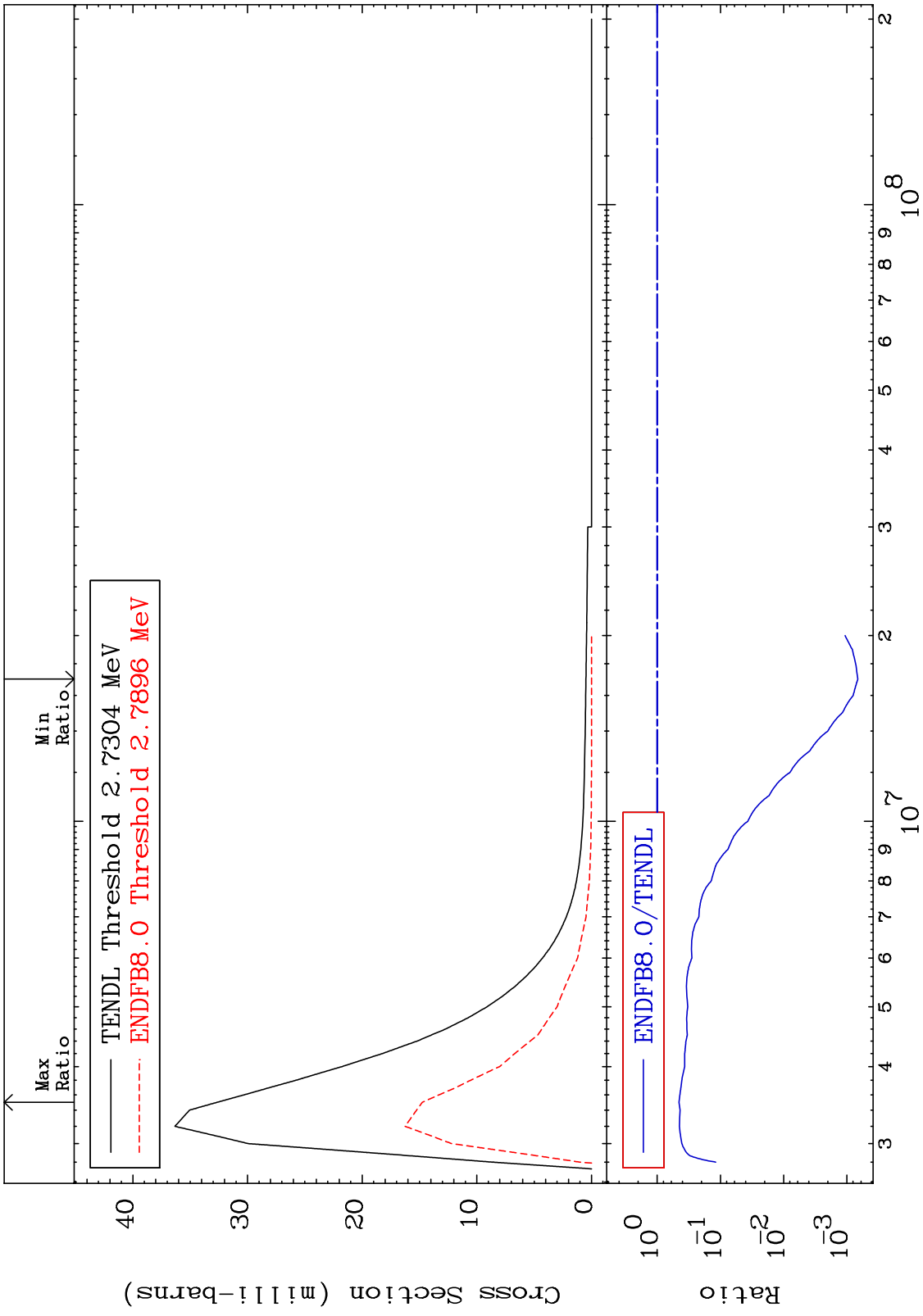
MAT 3237

MT= 70 (n,n') Level
Cross Section

32-Ge-74
-99.31 To 52.54 %



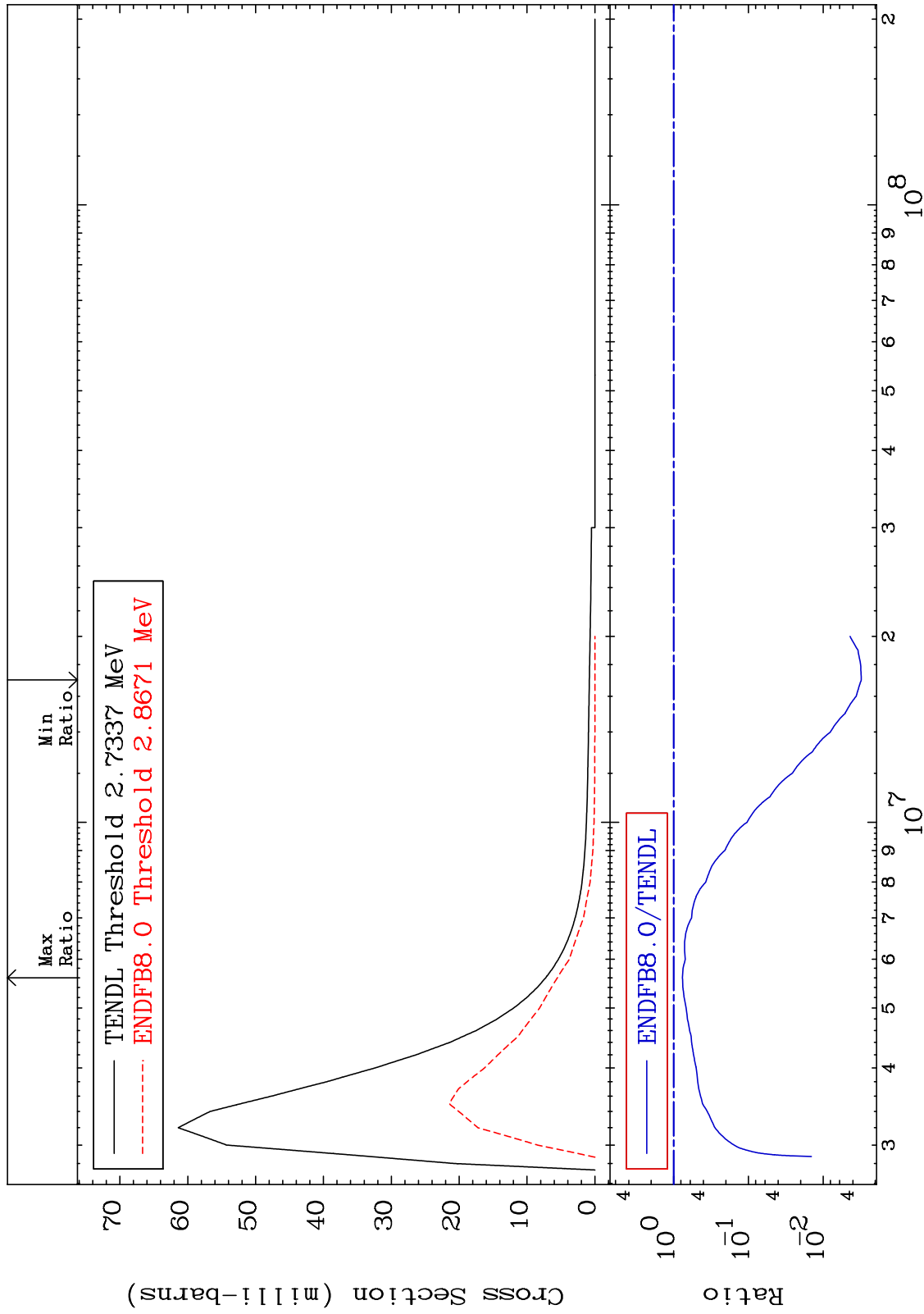
MAT 3237 MT= 71 (n,n') Level Cross Section 32-Ge-74
 -99.93 To -54.82%



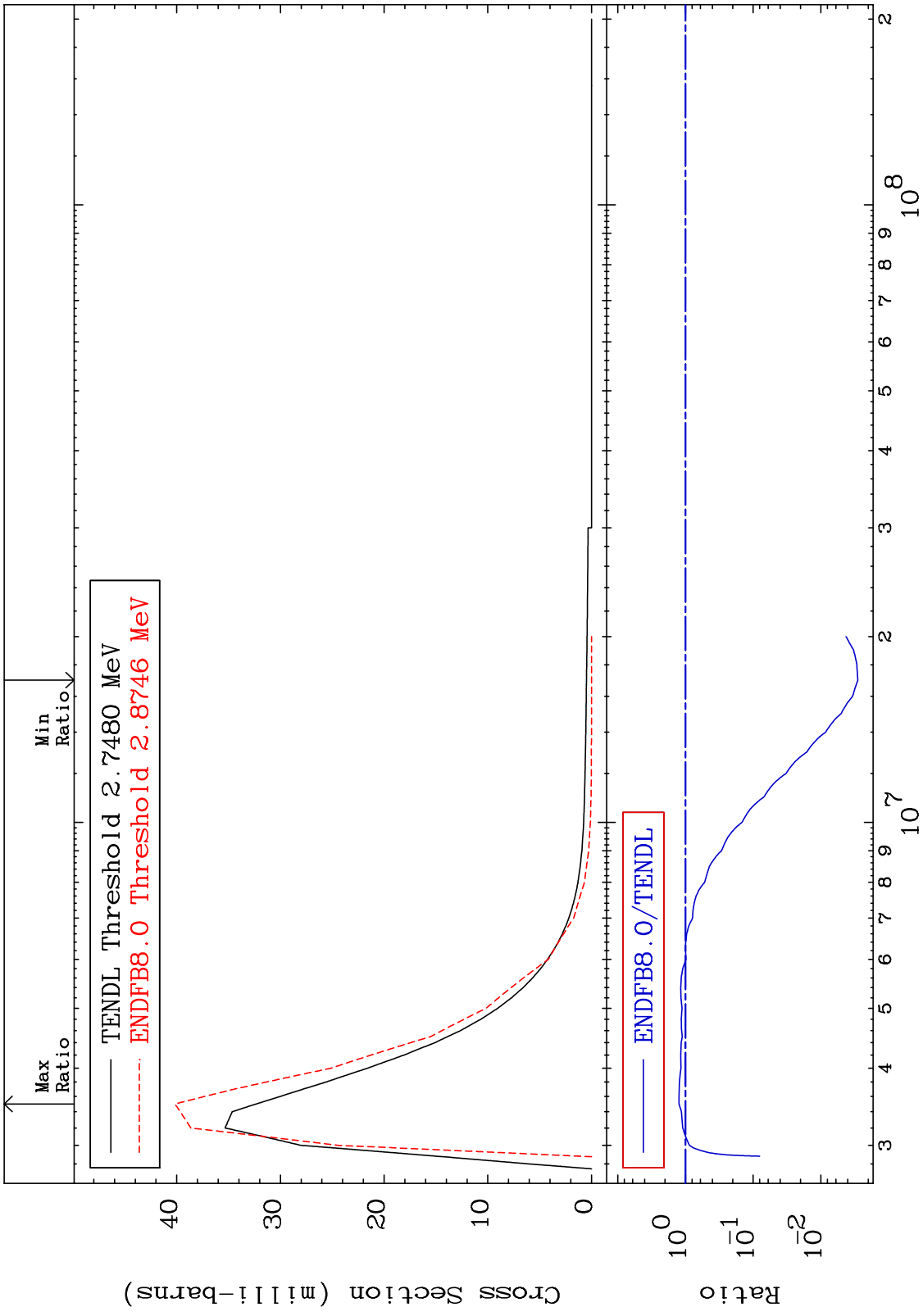
MAT 3237

MT= 72 (n,n') Level
Cross Section

32-Ge-74
-99.69 To -23.65%



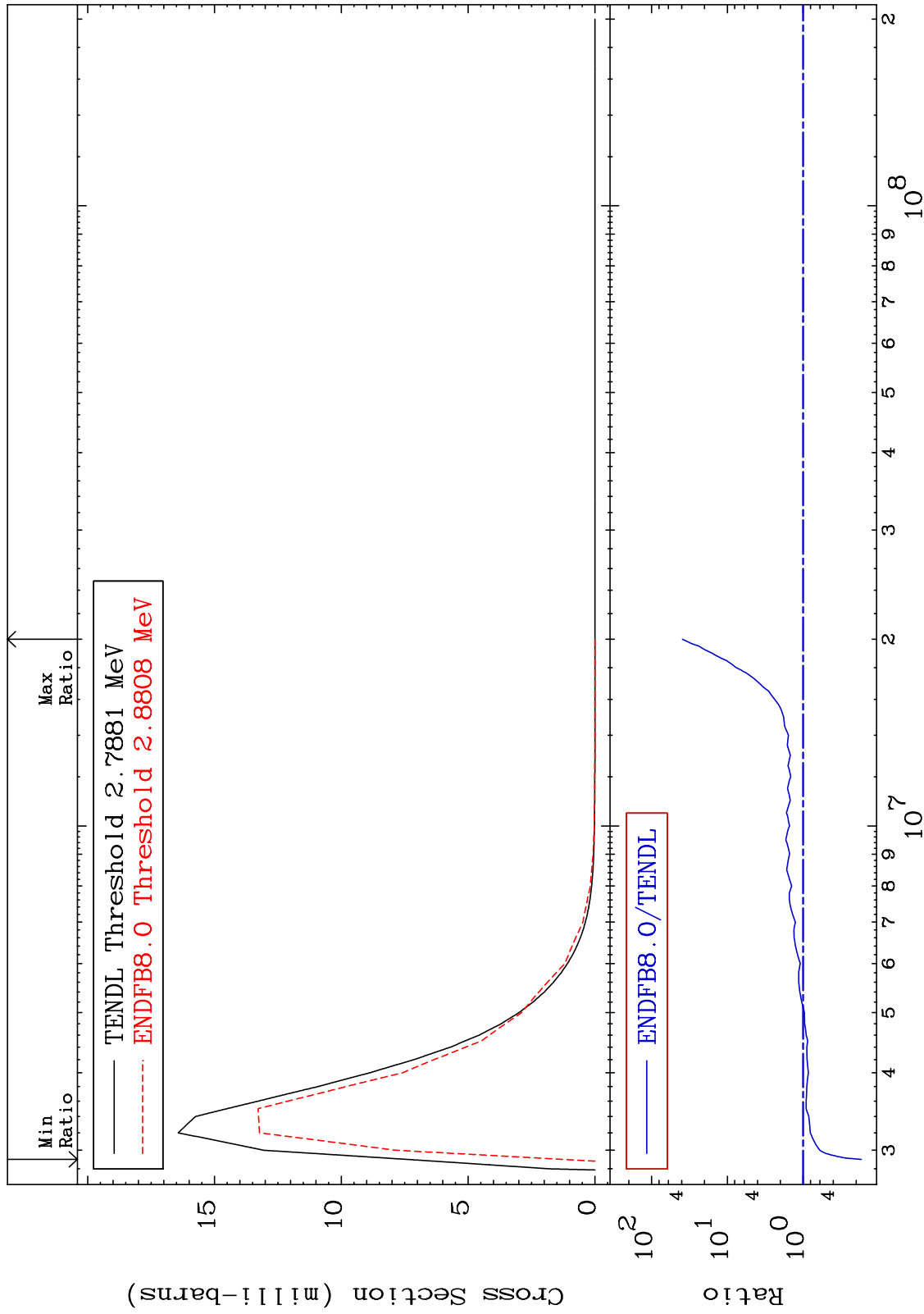
MAT 3237 MT= 73 (n,n') Level Cross Section 32-Ge-74
 -99.72 To 24.24 %



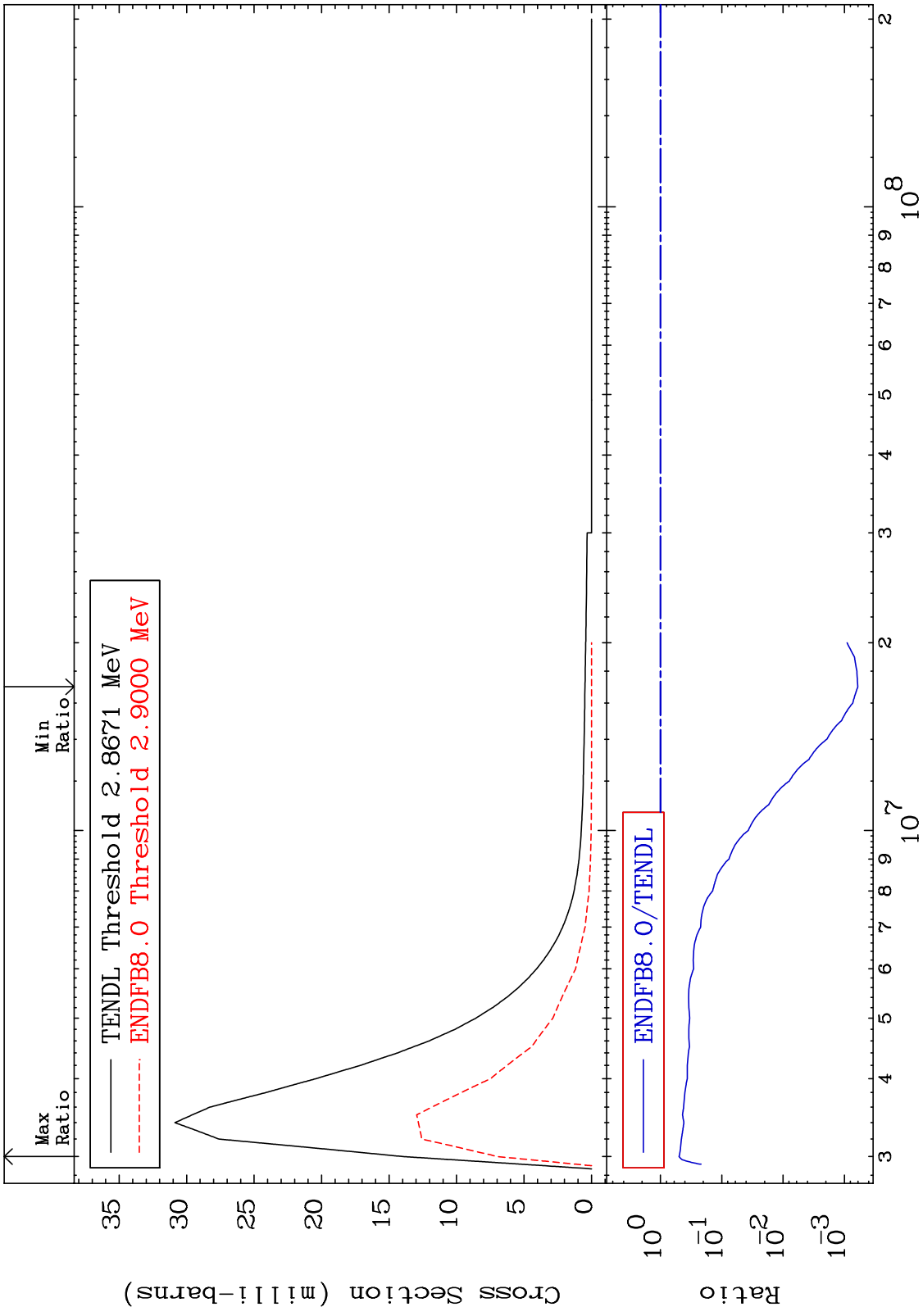
MAT 3237

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

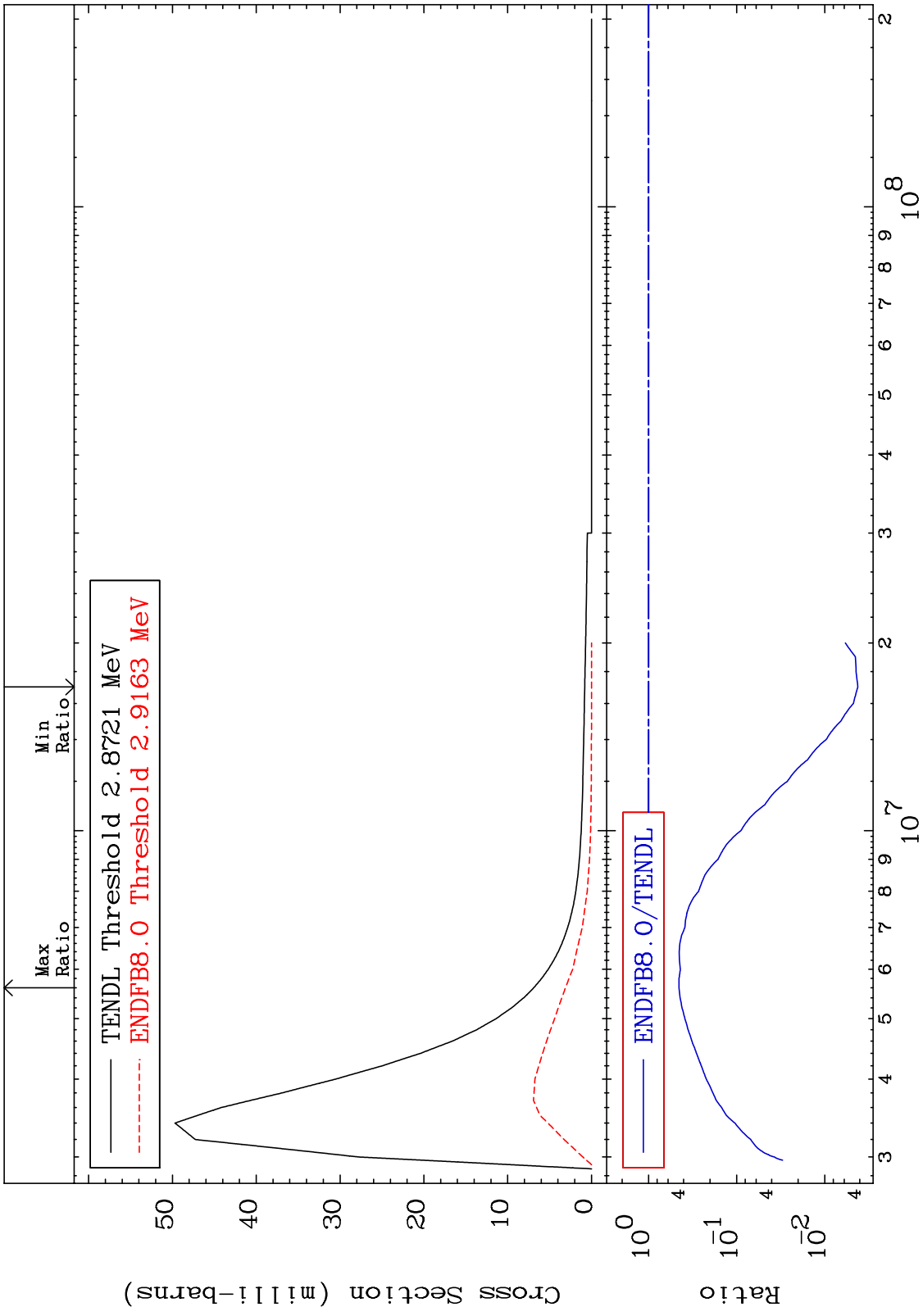
32-Ge-74
-82.88 To 3814. %



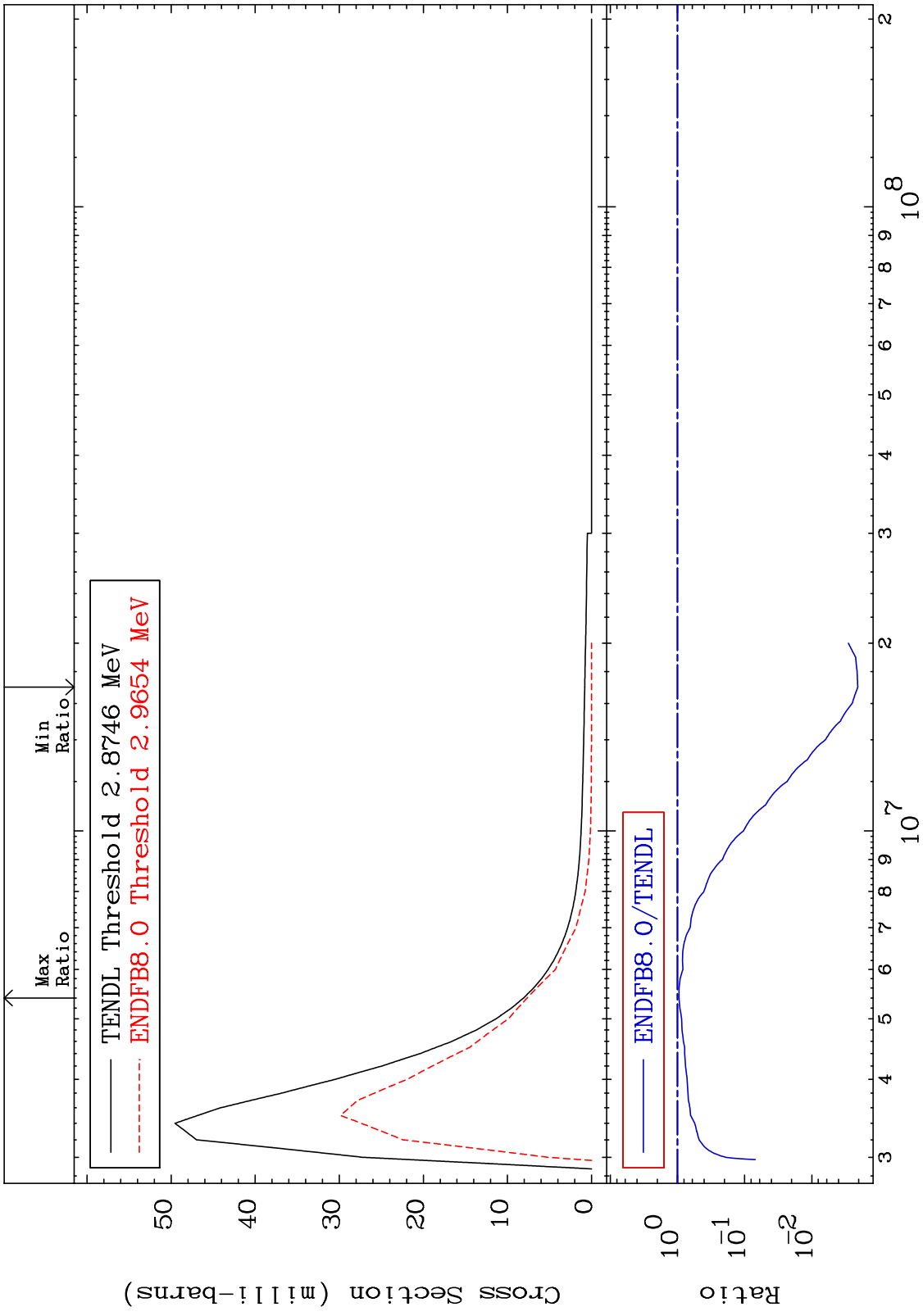
MAT 3237 MT= 75 (n,n') Level Cross Section 32-Ge-74
 -99.94 To -50.22%



MAT 3237 MT= 76 (n,n') Level Cross Section 32-Ge-74
 -99.58 To -54.94%



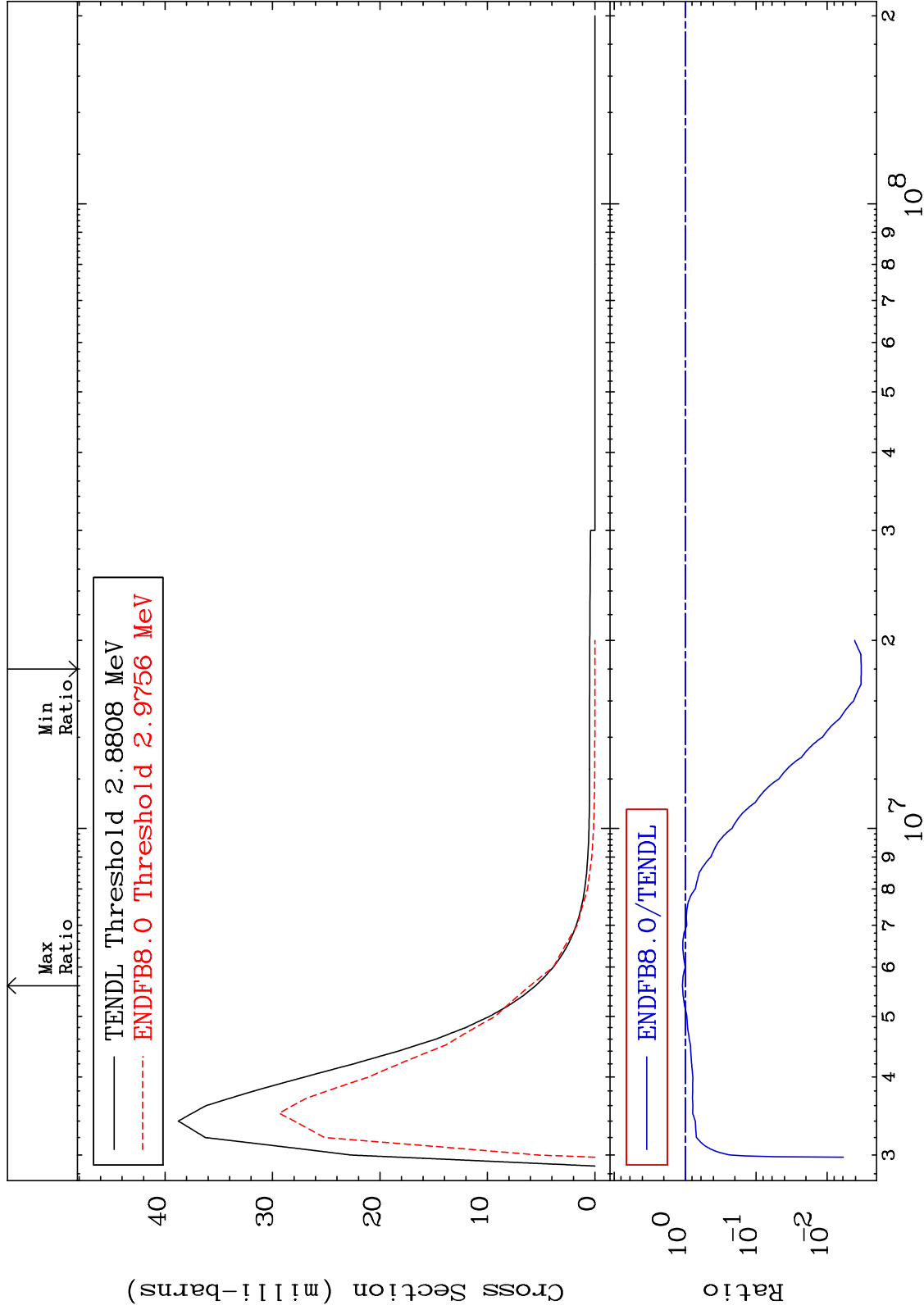
MAT 3237 MT= 77 (n,n') Level Cross Section 32-Ge-74
 -99.79 To -5.196%



MAT 3237

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

32-Ge-74
-99.67 To 9.169 %

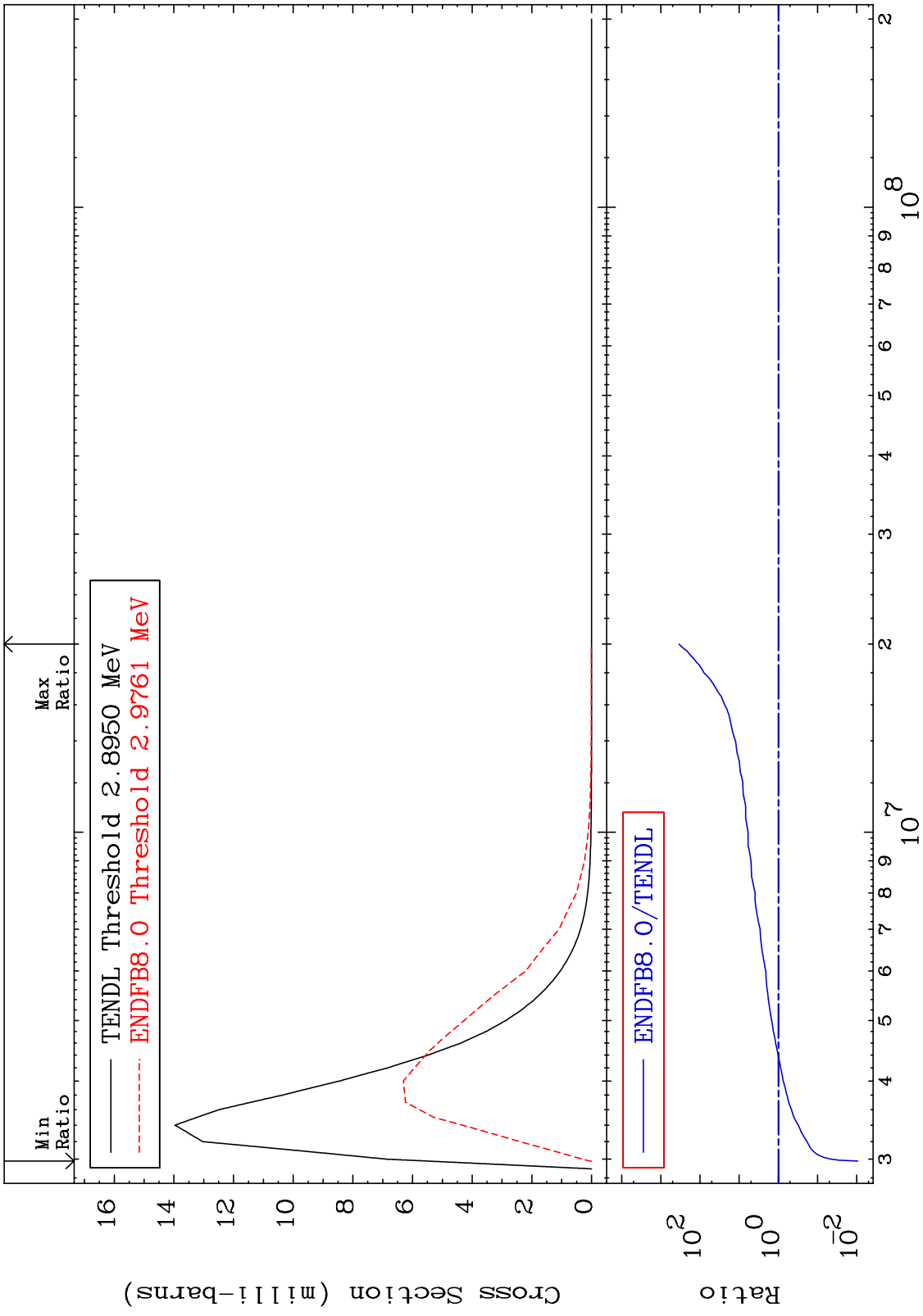


36

Incident Energy (eV)

32-Ge-74

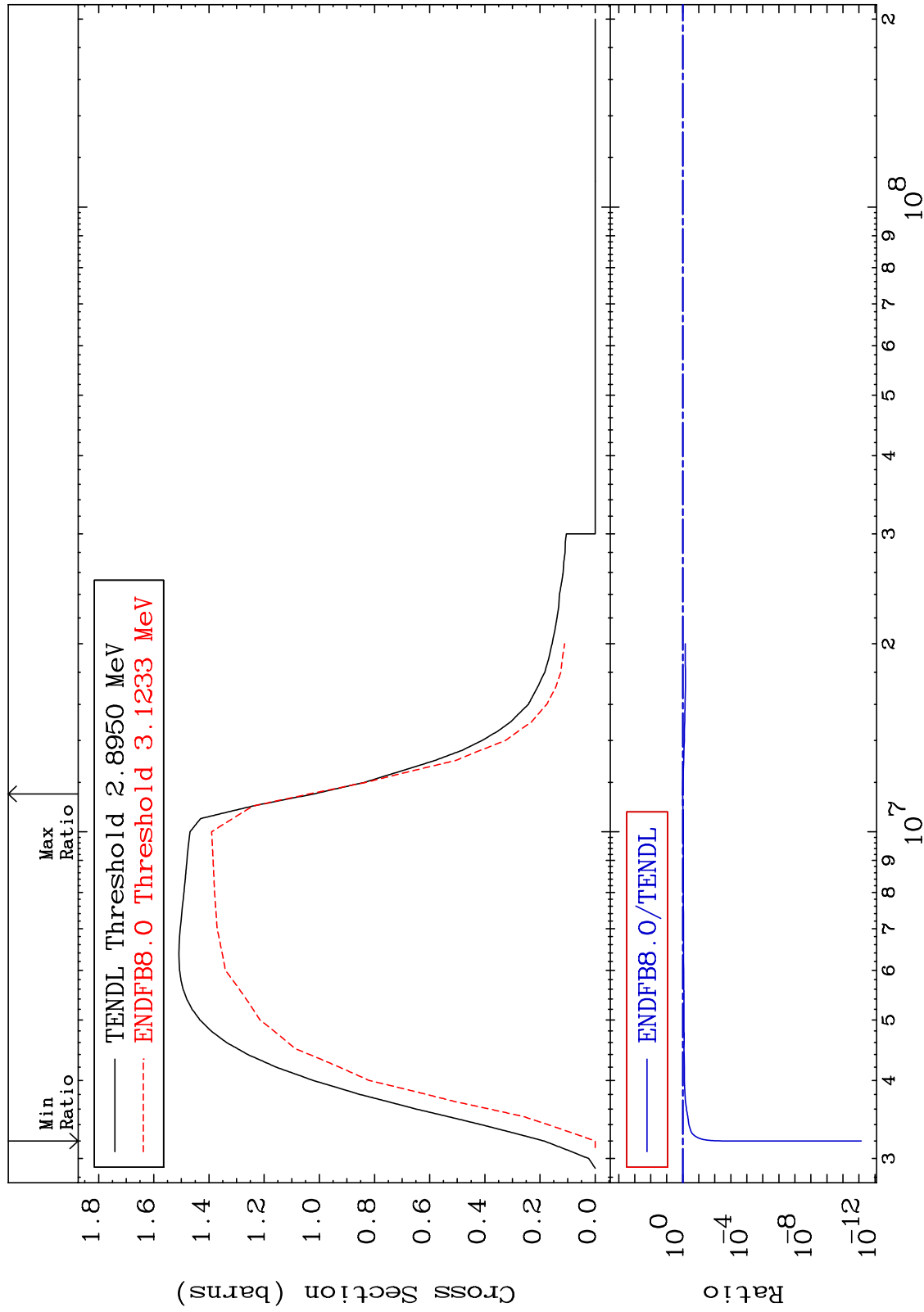
MAT 3237 MT= 79 (n,n') Level Cross Section 32-Ge-74
 -99.07 To 9999. %



MAT 3237

(n, n') Continuum
Cross Section

32-Ge-74
-100.0 To 1.549 %



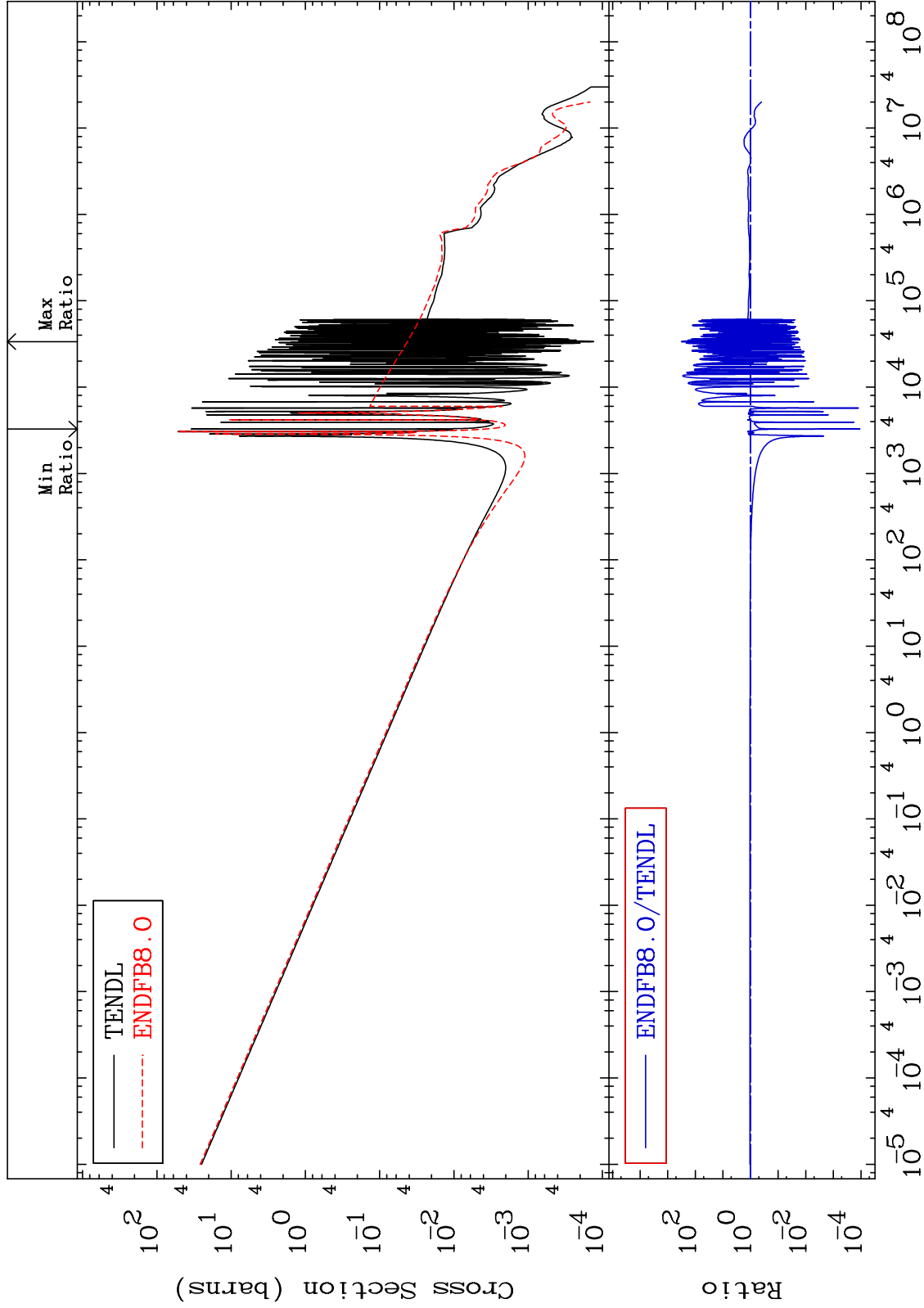
MAT 3237

(n, γ)

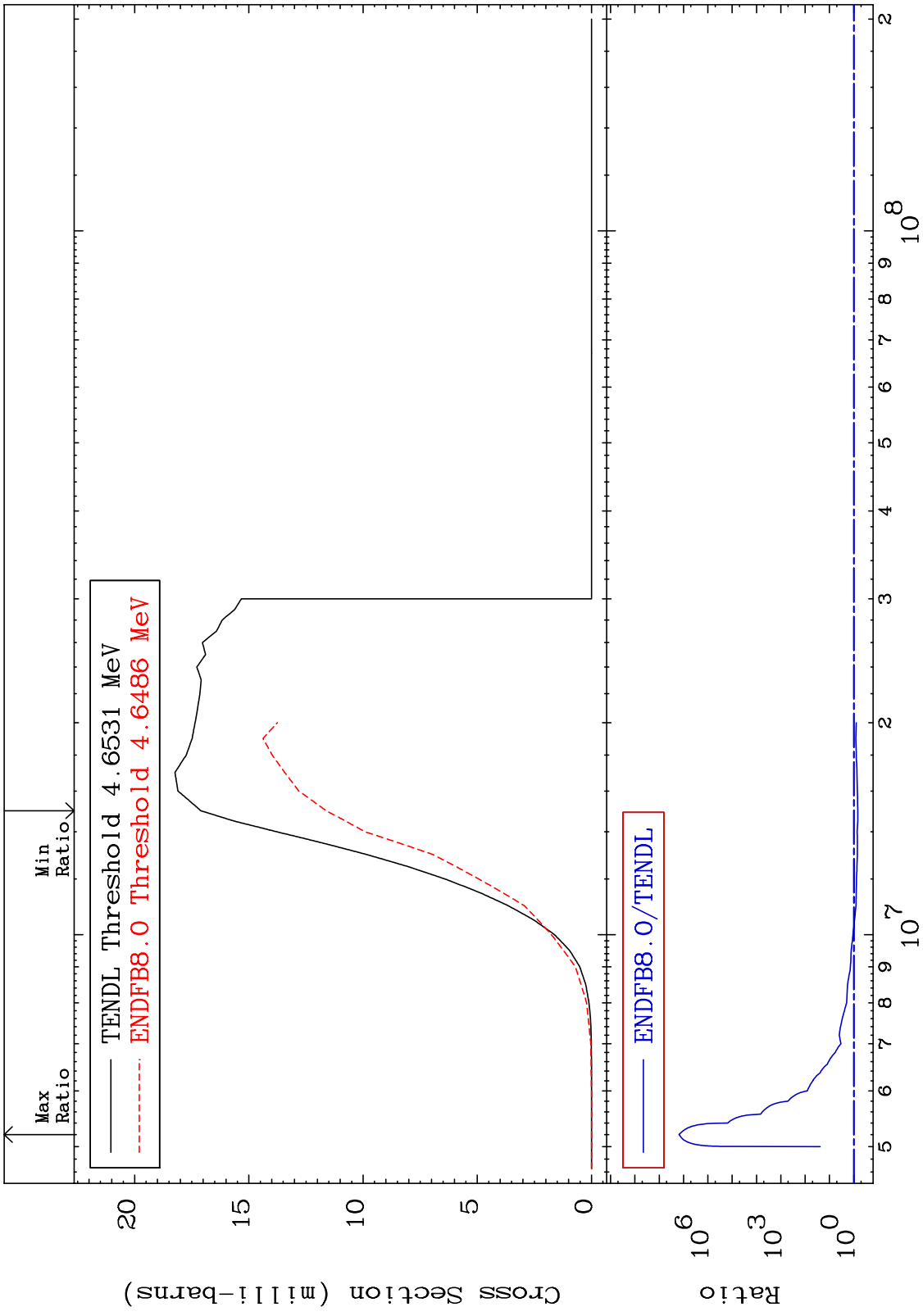
32-Ge-74

Cross Section

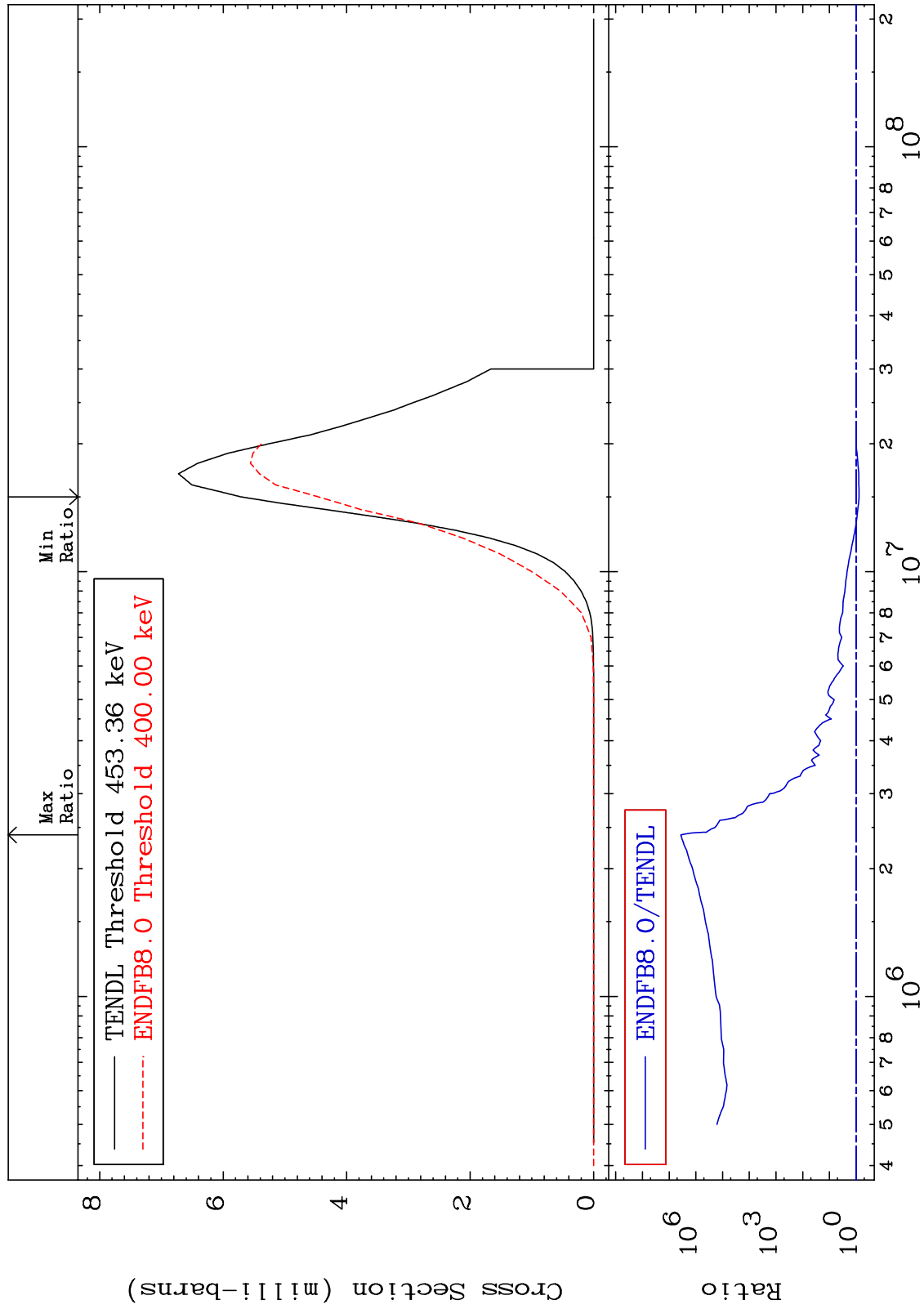
-99.99 To 9999. %



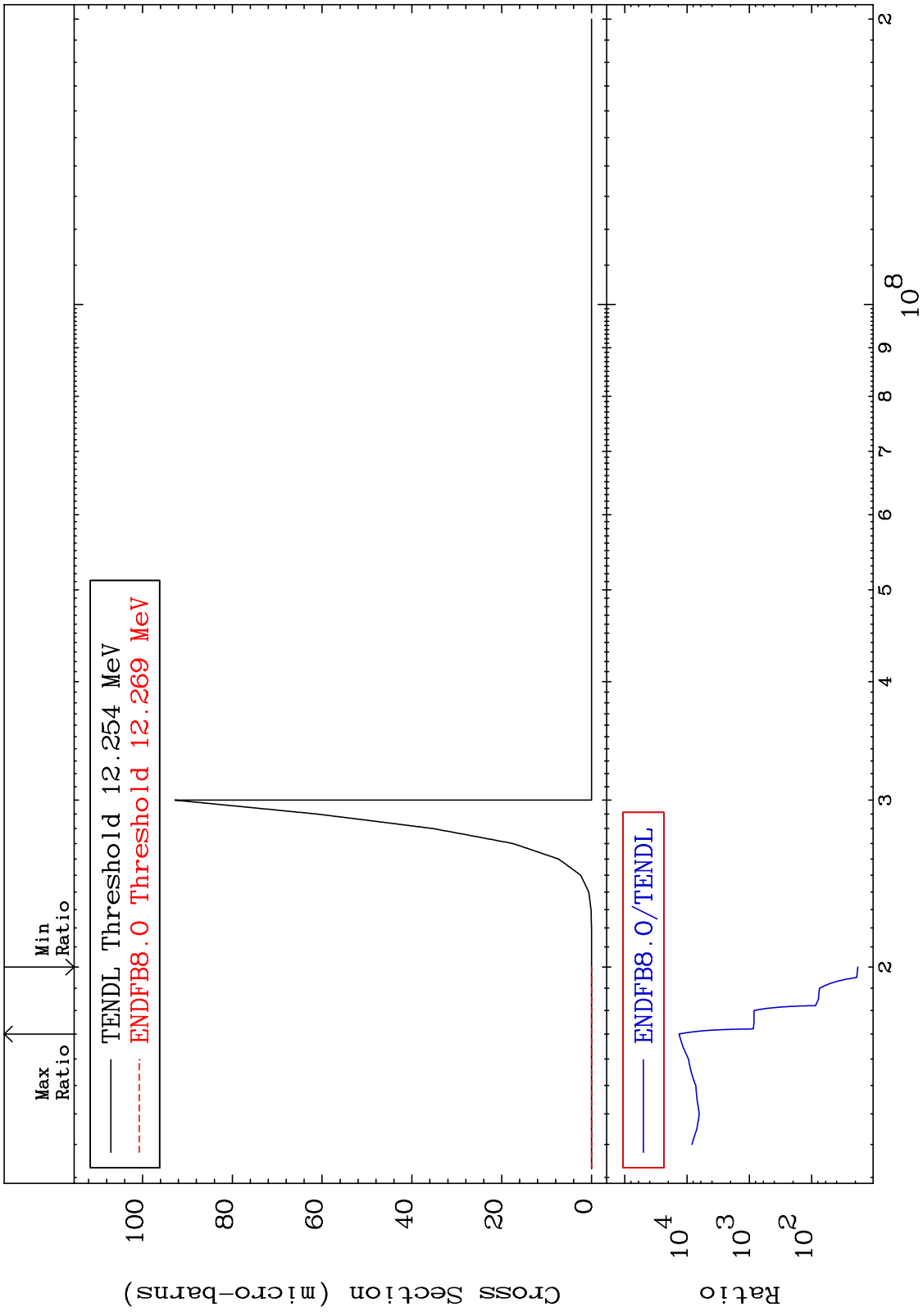
MAT 3237 (n,p) Cross Section 32-Ge-74 -32.09 To 9999. %



40 32-Ge-74



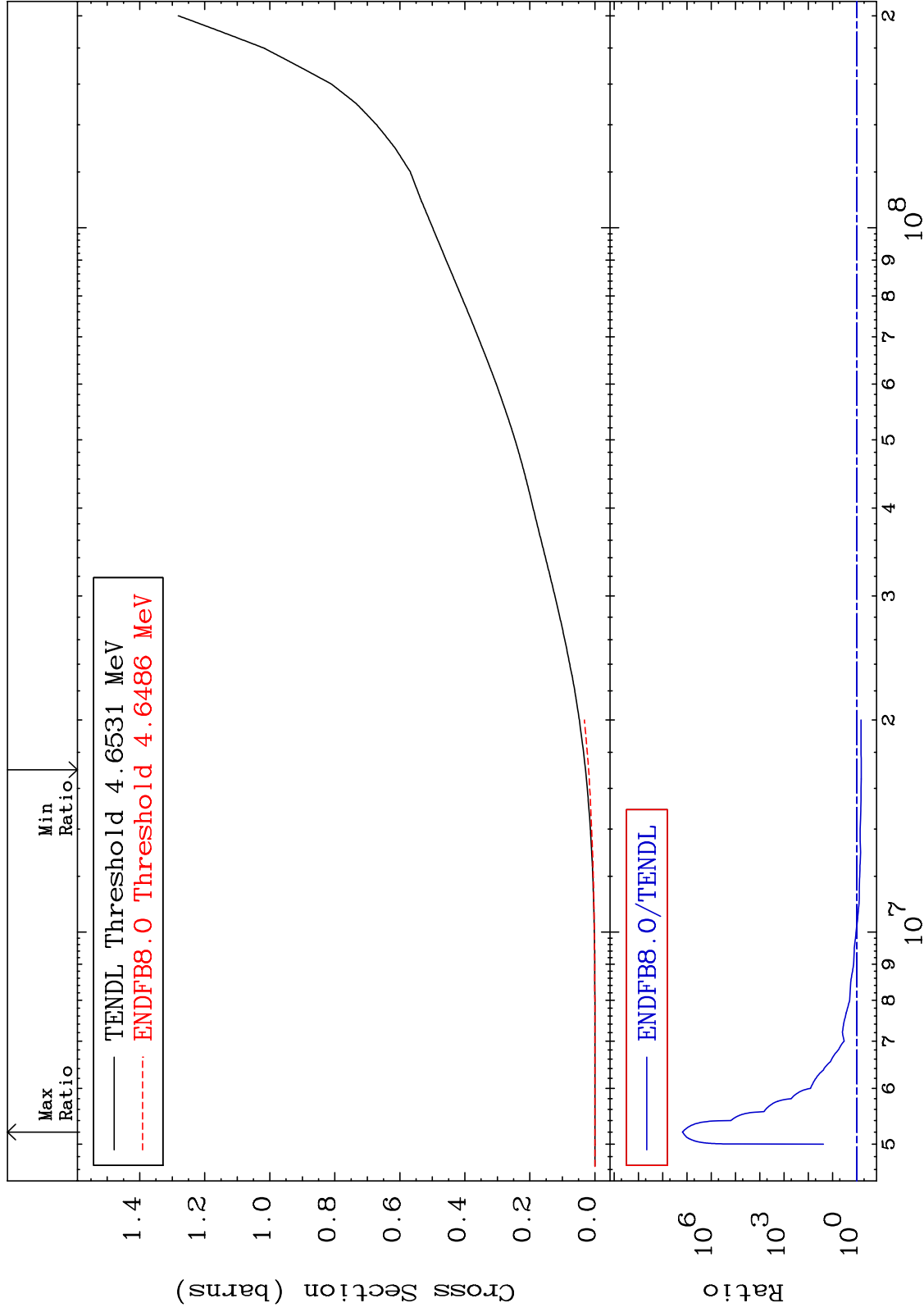
MAT 3237 (n,p) α 32-Ge-74
 Cross Section 1723. To 9999. %



MAT 3237

Hydrogen Production
Cross Section

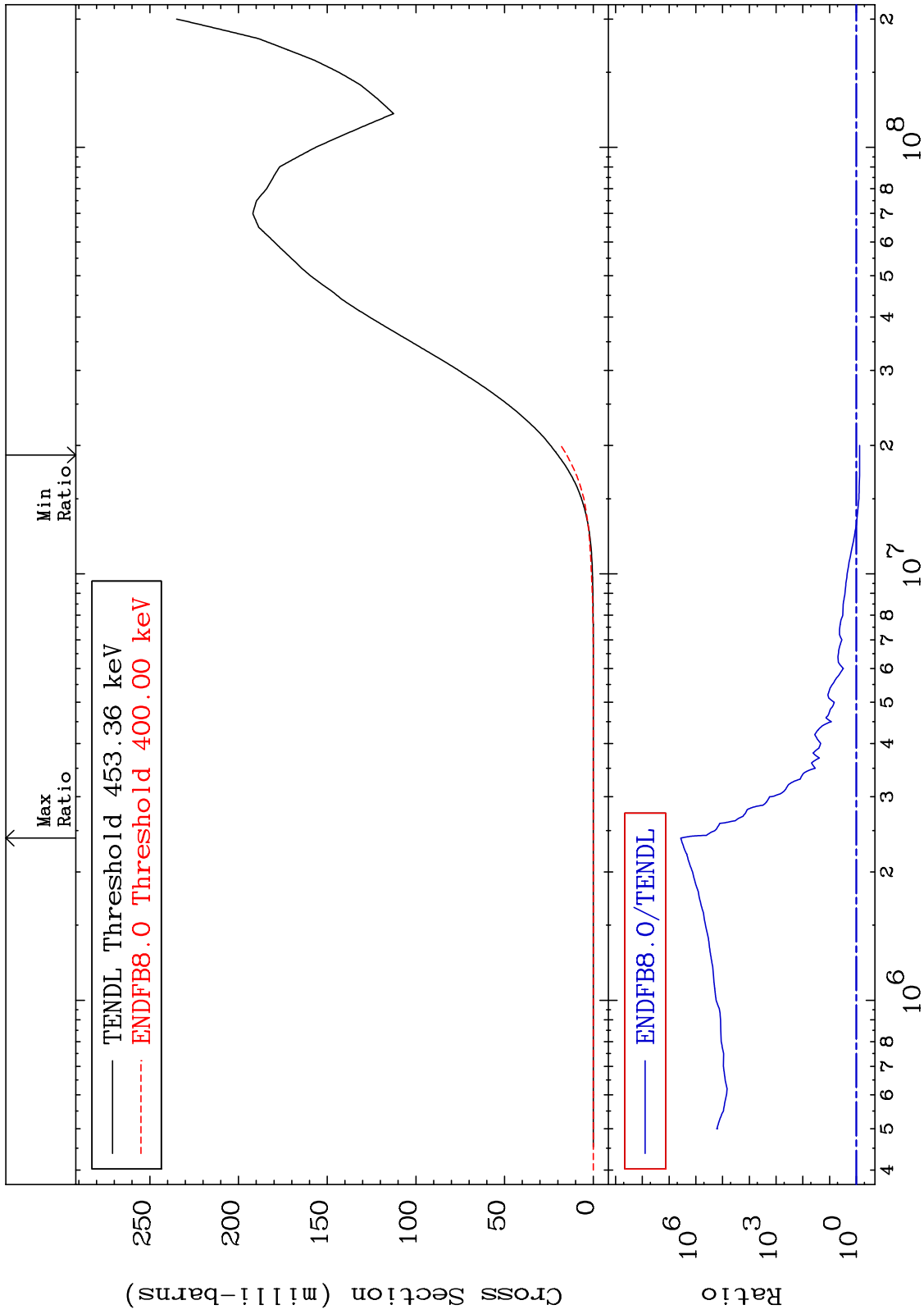
32-Ge-74
-34.16 To 9999. %



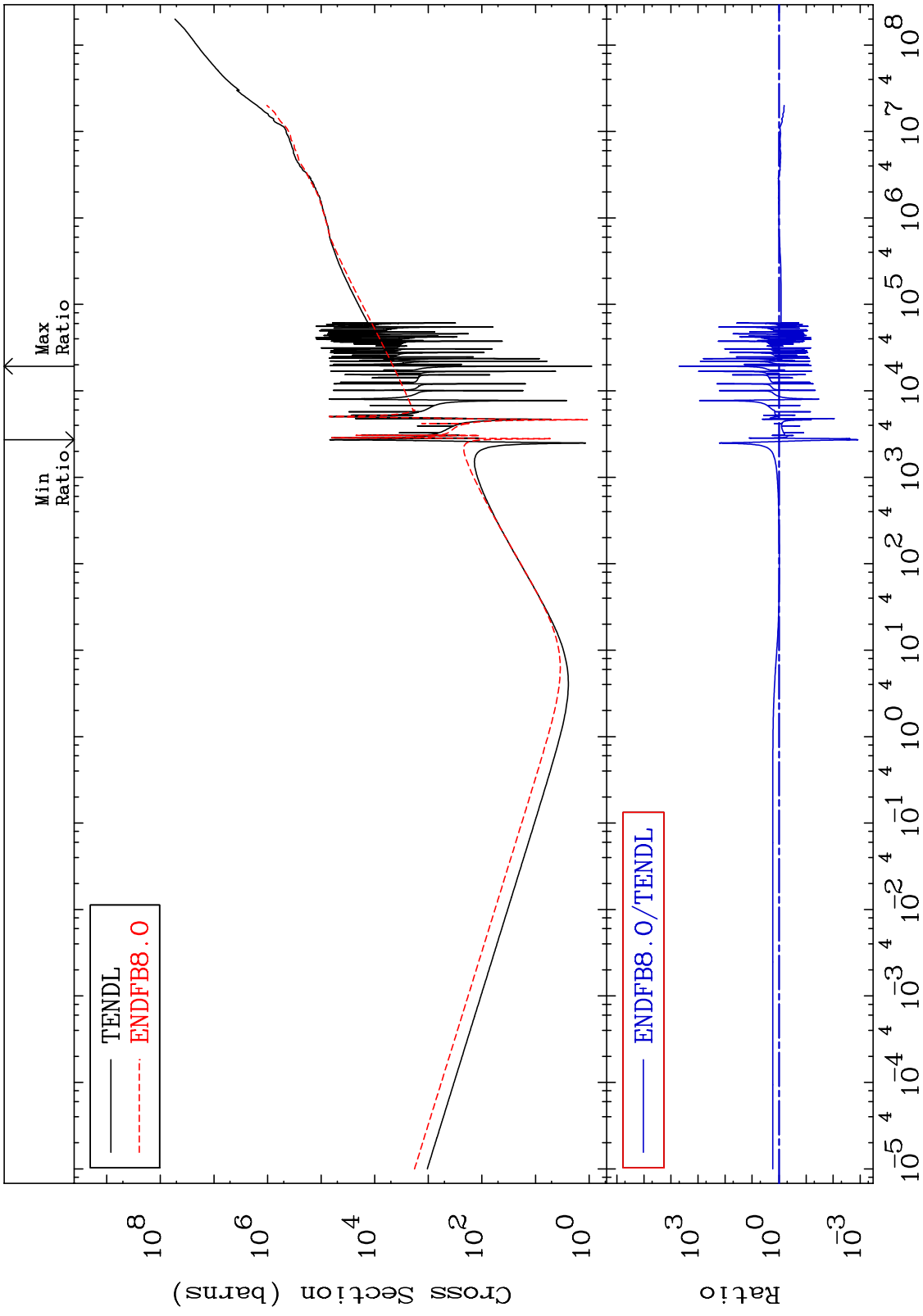
MAT 3237

He-4 Production
Cross Section

32-Ge-74
-25.07 To 9999. %



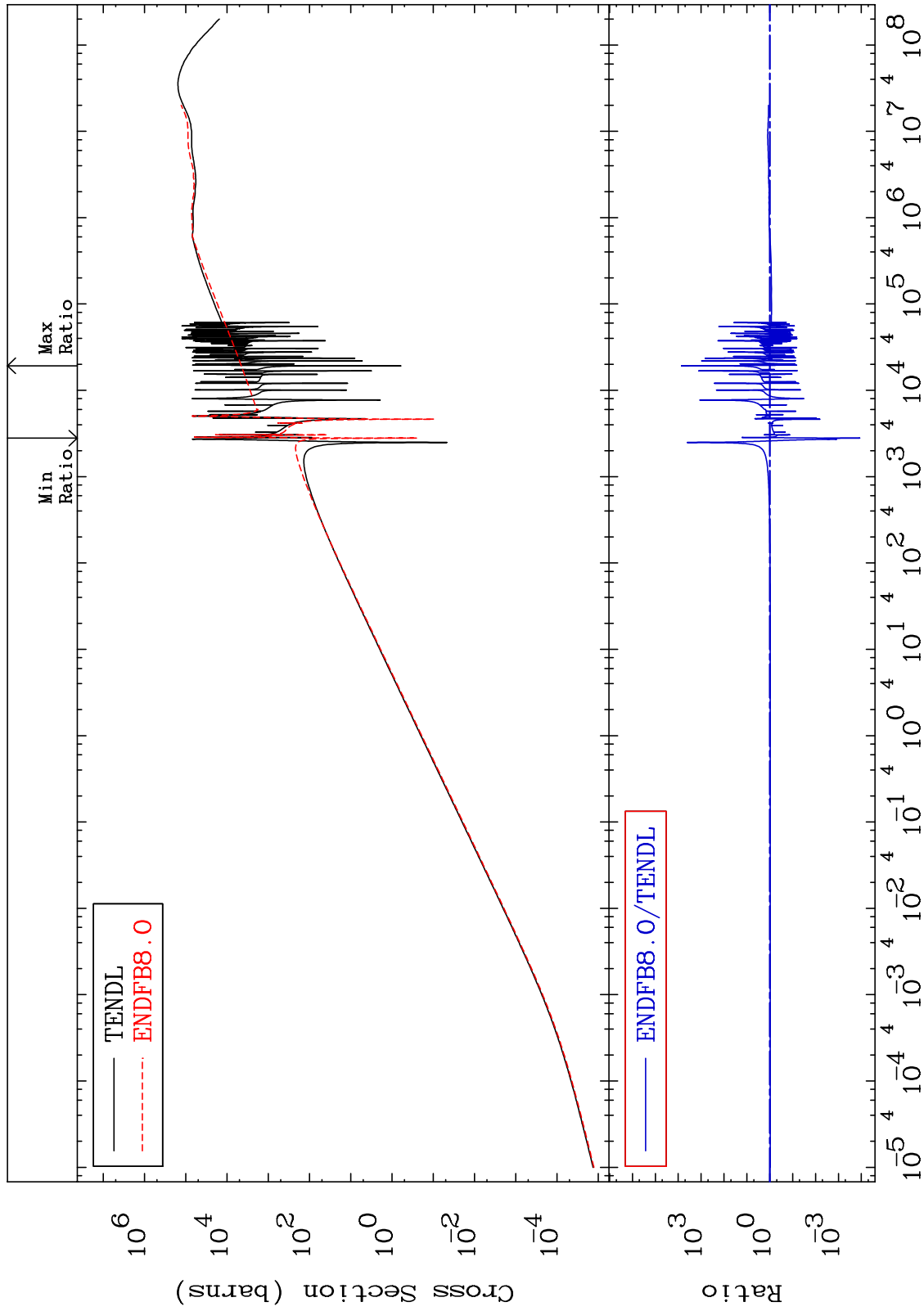
MAT 3237 Kerma total (eV-barns)
 Cross Section -99.88 To 9999. % 32-Ge-74



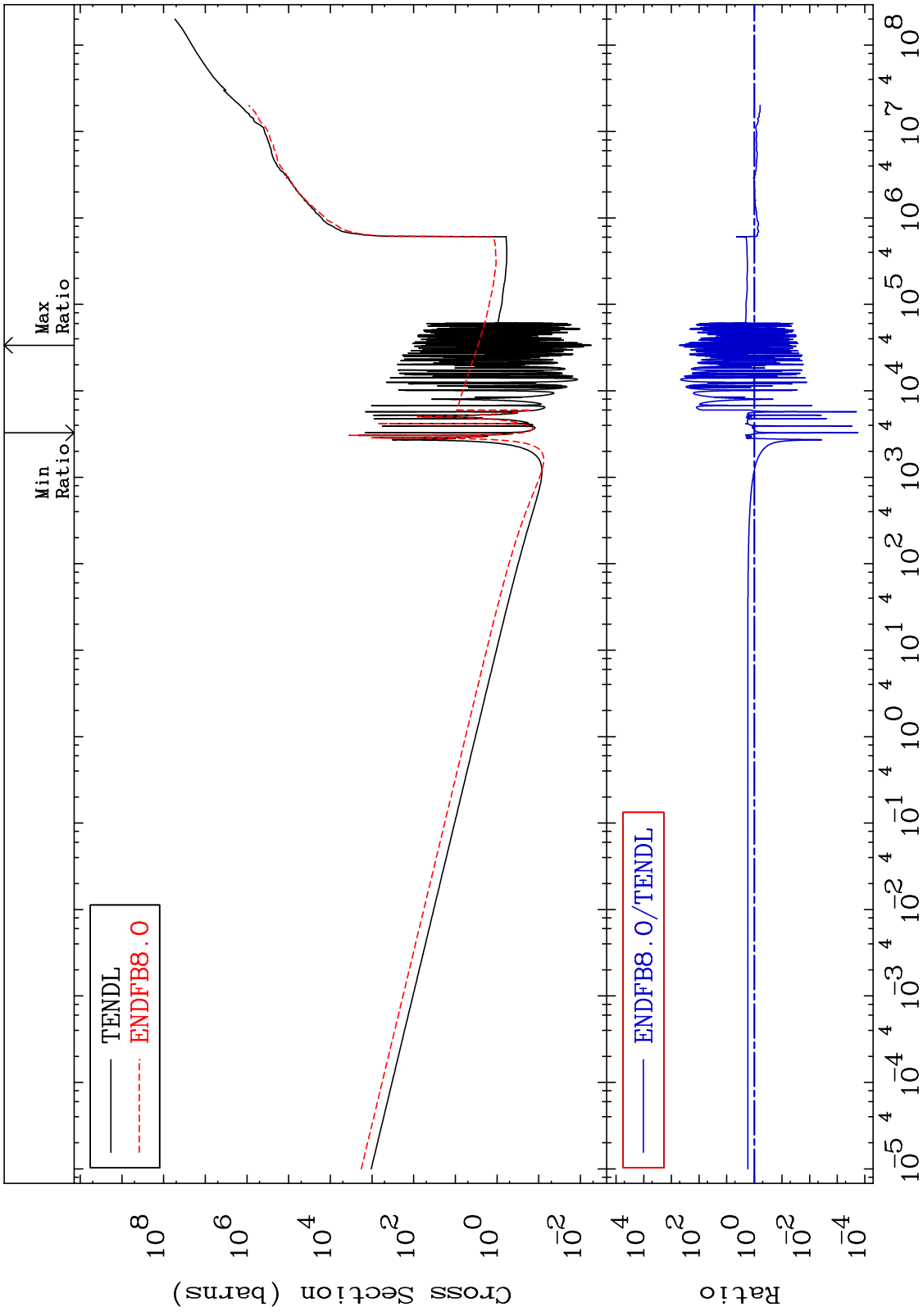
MAT 3237

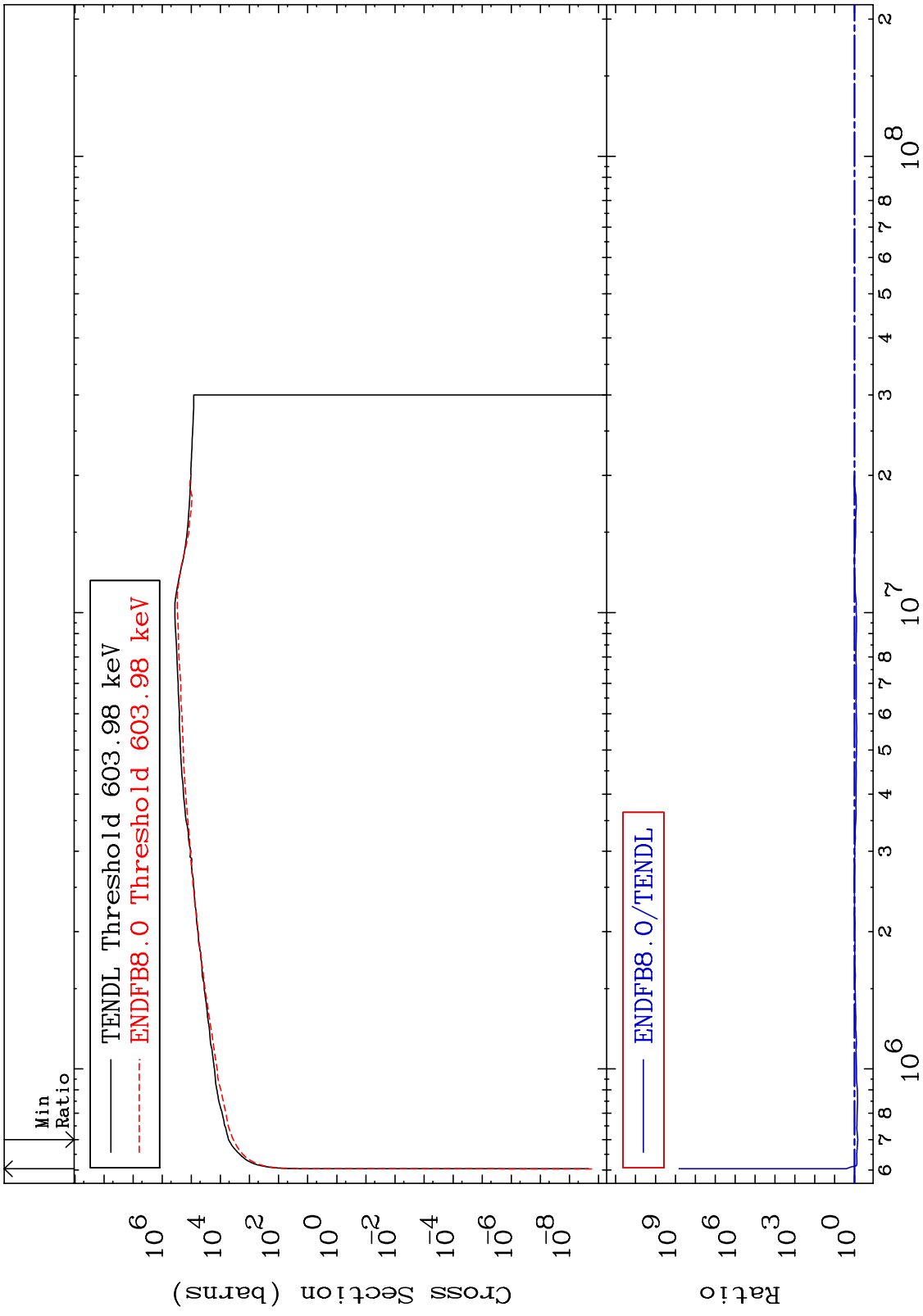
Kerma elastic
Cross Section

32-Ge-74
-99.99 To 9999. %



MAT 3237 Kerma non-elastic (all but mt2) 32-Ge-74
 Cross Section -99.98 To 9999. %

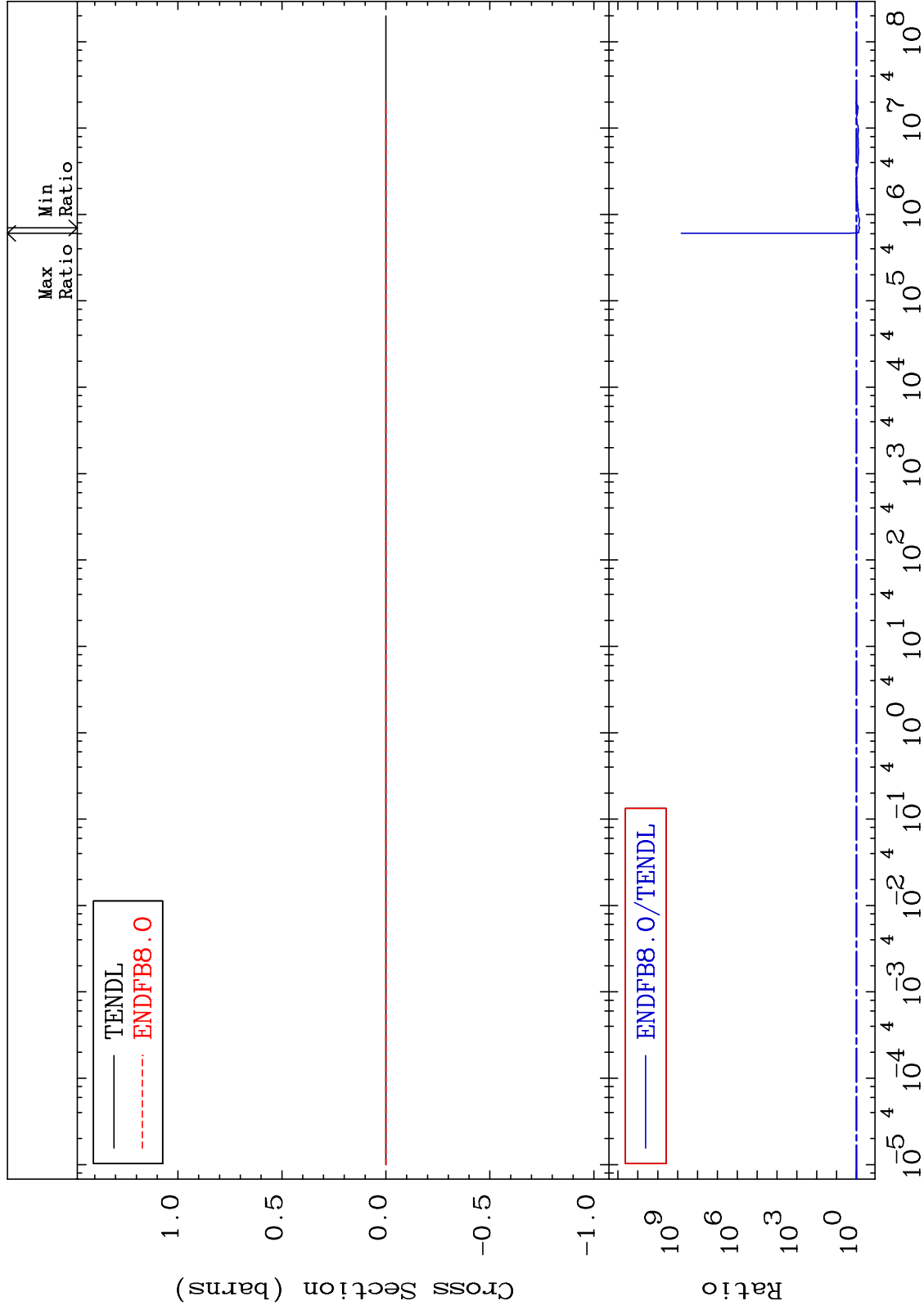




MAT 3237

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

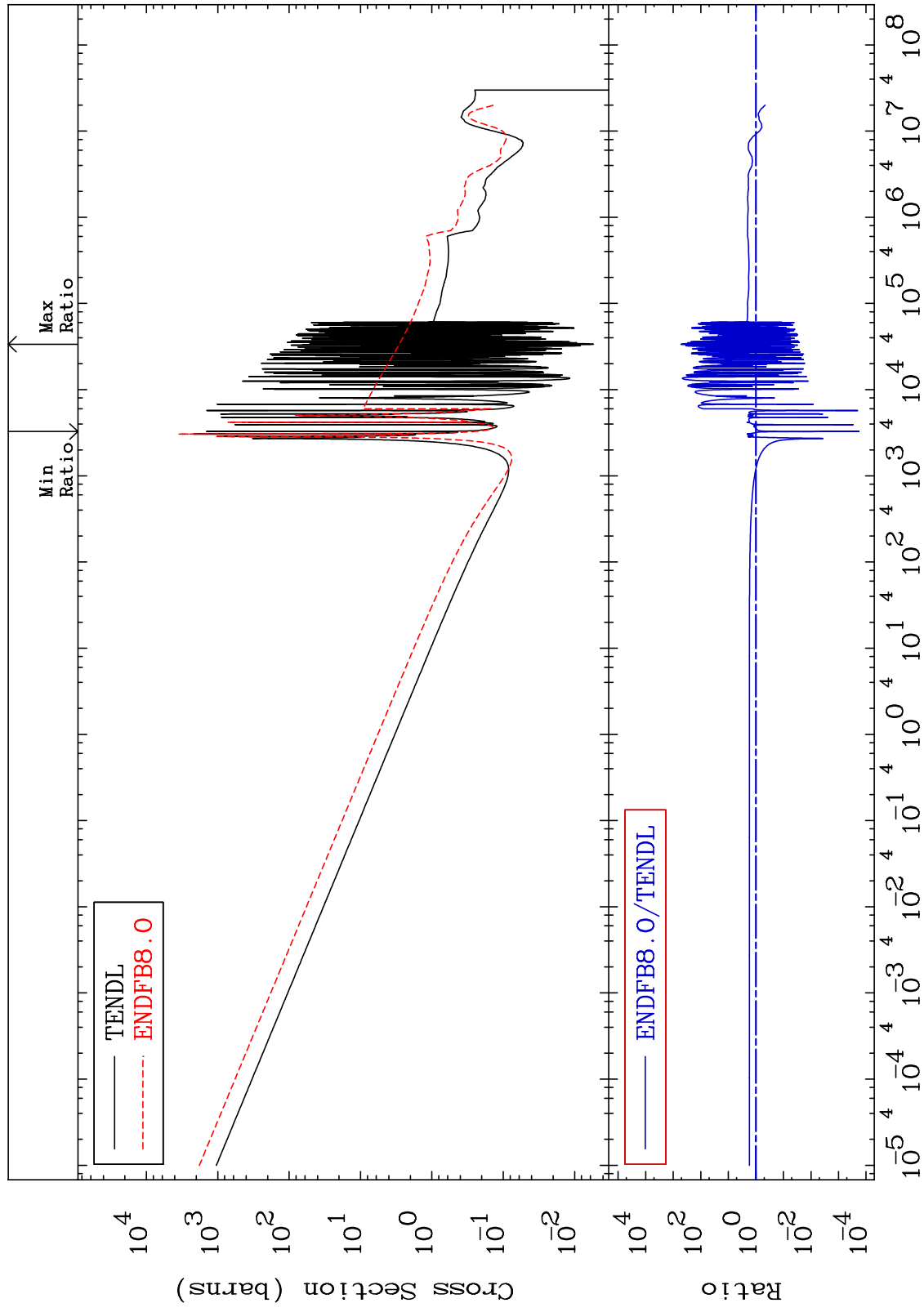
32-Ge-74
-31.37 To 9999. %



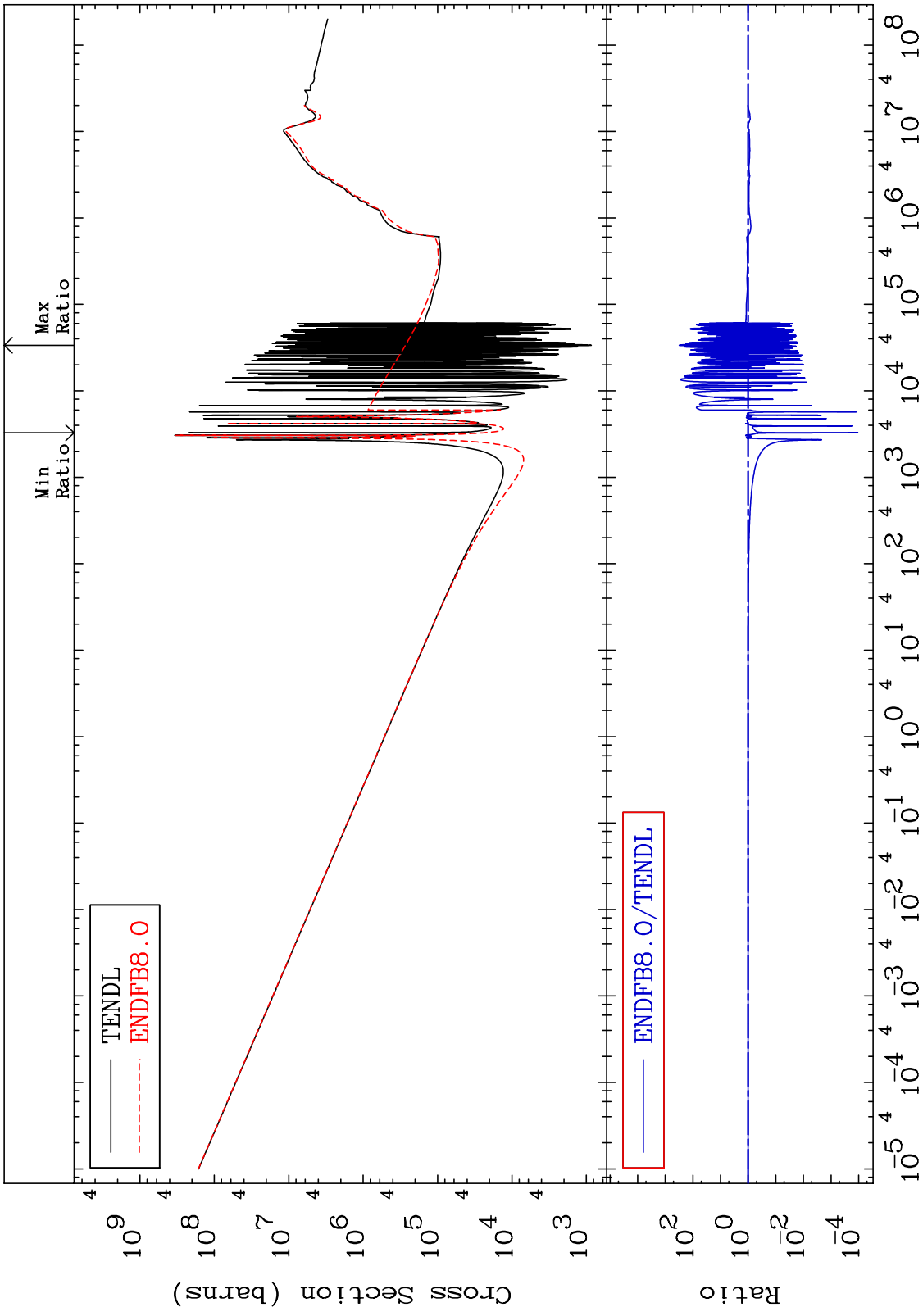
MAT 3237

Kerma capture (mt102)
Cross Section

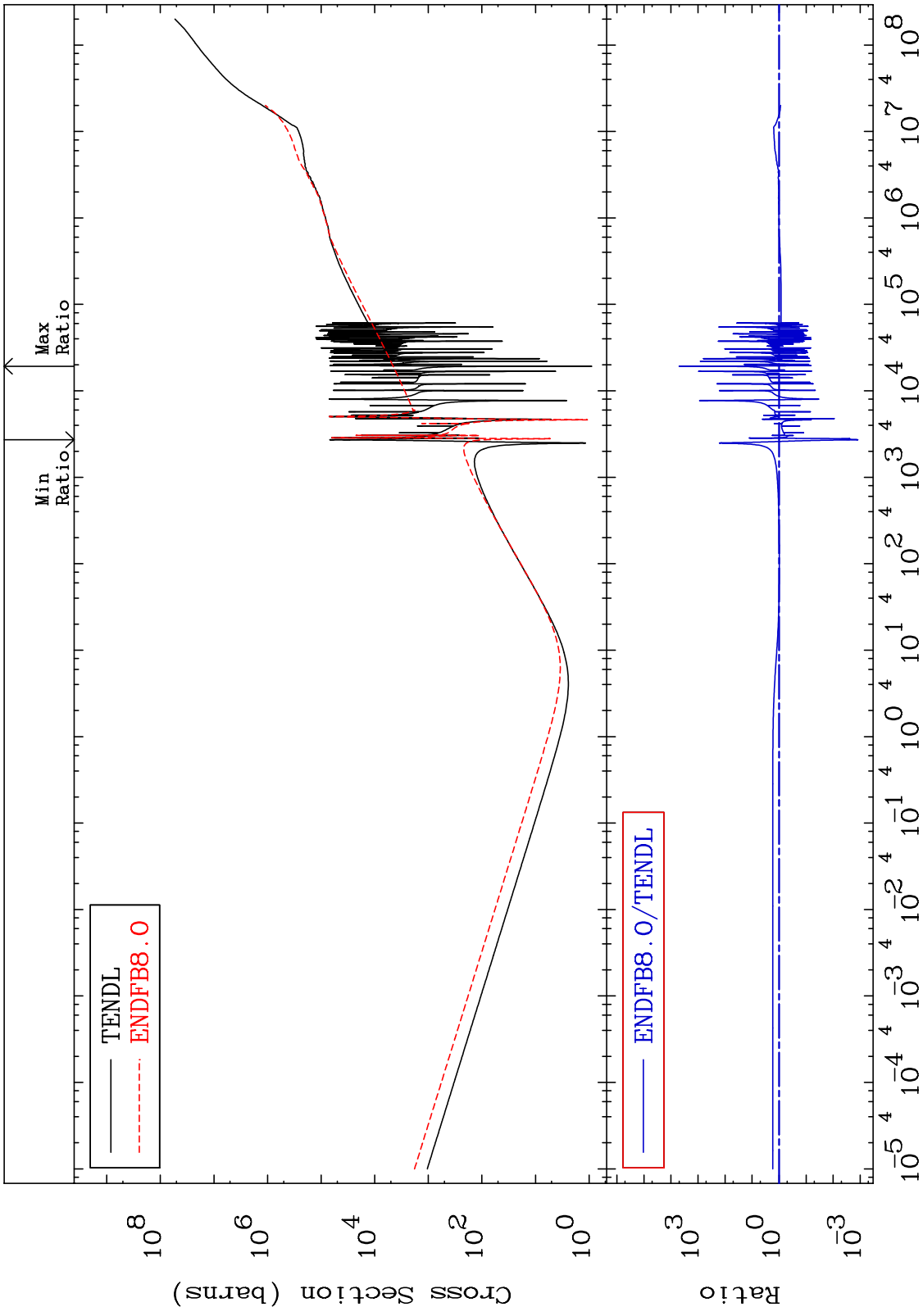
32-Ge-74
-99.98 To 9999. %



MAT 3237 32-Ge-74
 Total photon (eV-barns) -99.99 To 9999. %
 Cross Section



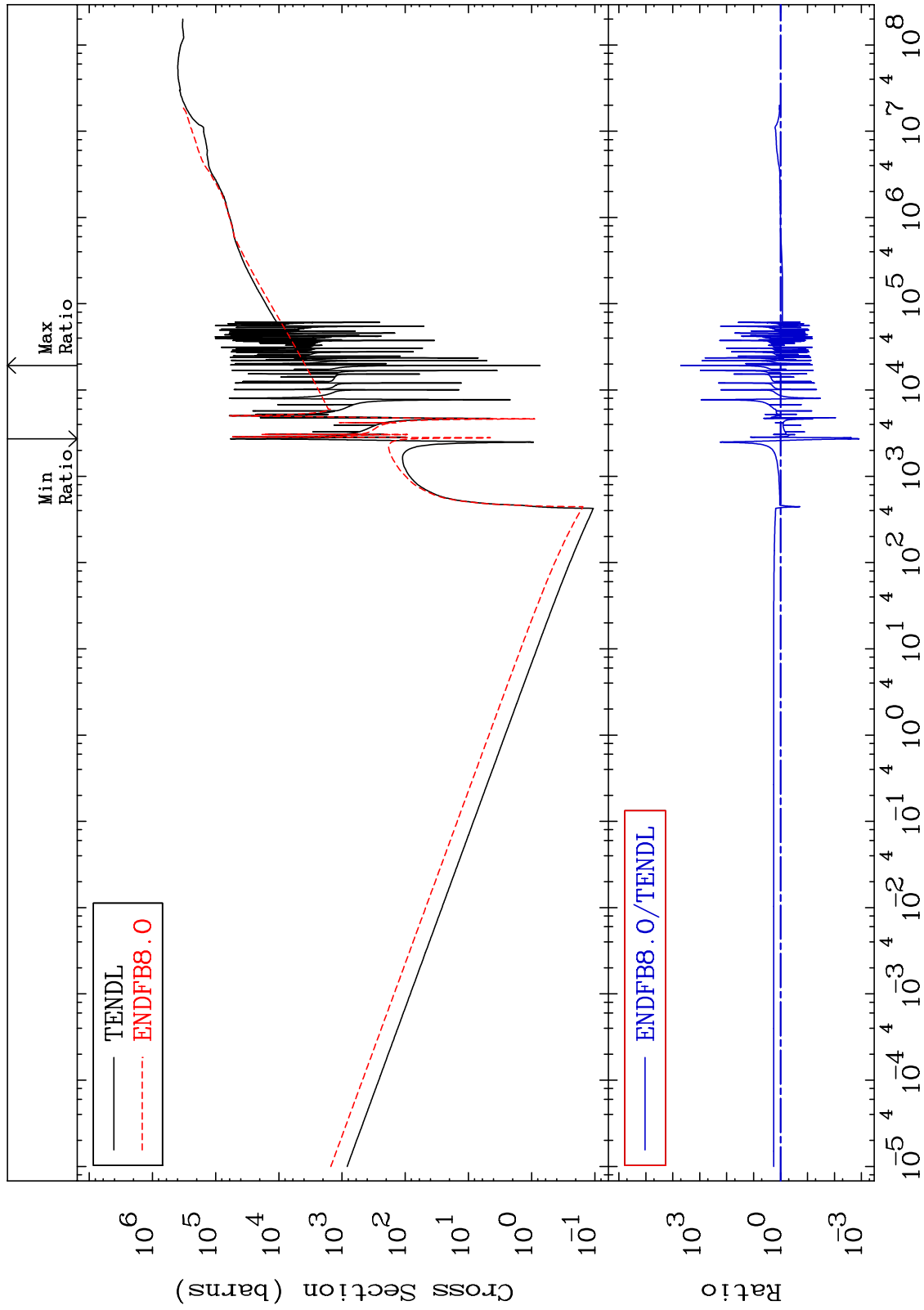
MAT 3237 Total kinematic kerma (high limit) 32-Ge-74
 Cross Section -99.88 To 9999. %



MAT 3237

Dpa total (eV-barns)
Cross Section

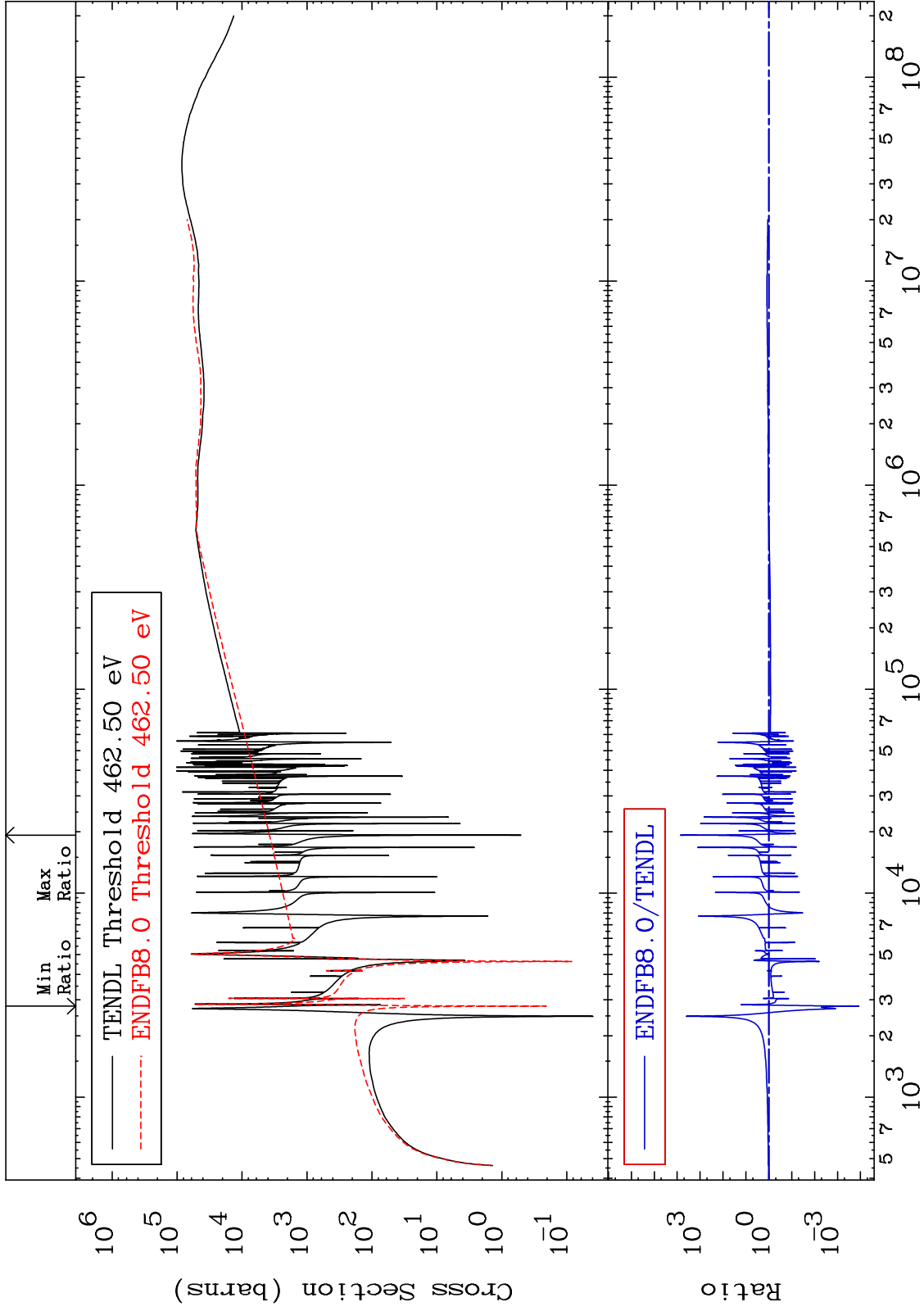
32-Ge-74
-99.88 To 9999. %



MAT 3237

Dpa elastic (mt2)
Cross Section

32-Ge-74
-99.99 To 9999. %

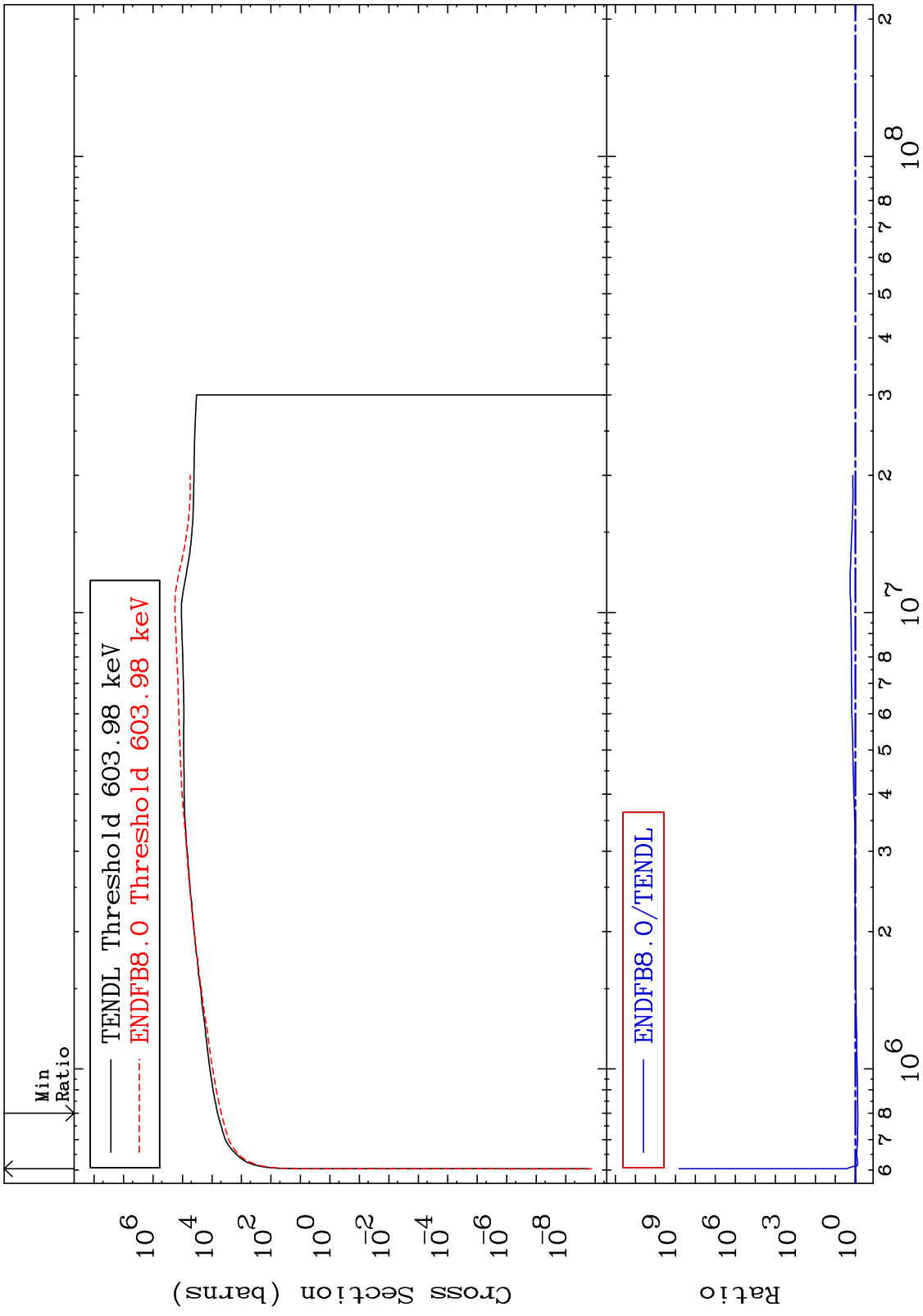


54

Incident Energy (eV)

32-Ge-74

MAT 3237 Dpa inelastic (mt51-91) 32-Ge-74
 Cross Section -25.42 To 9999. %



MAT 3237

Dpa disappearance (mt102 -120)
Cross Section

32-Ge-74
-99.98 To 9999. %

