

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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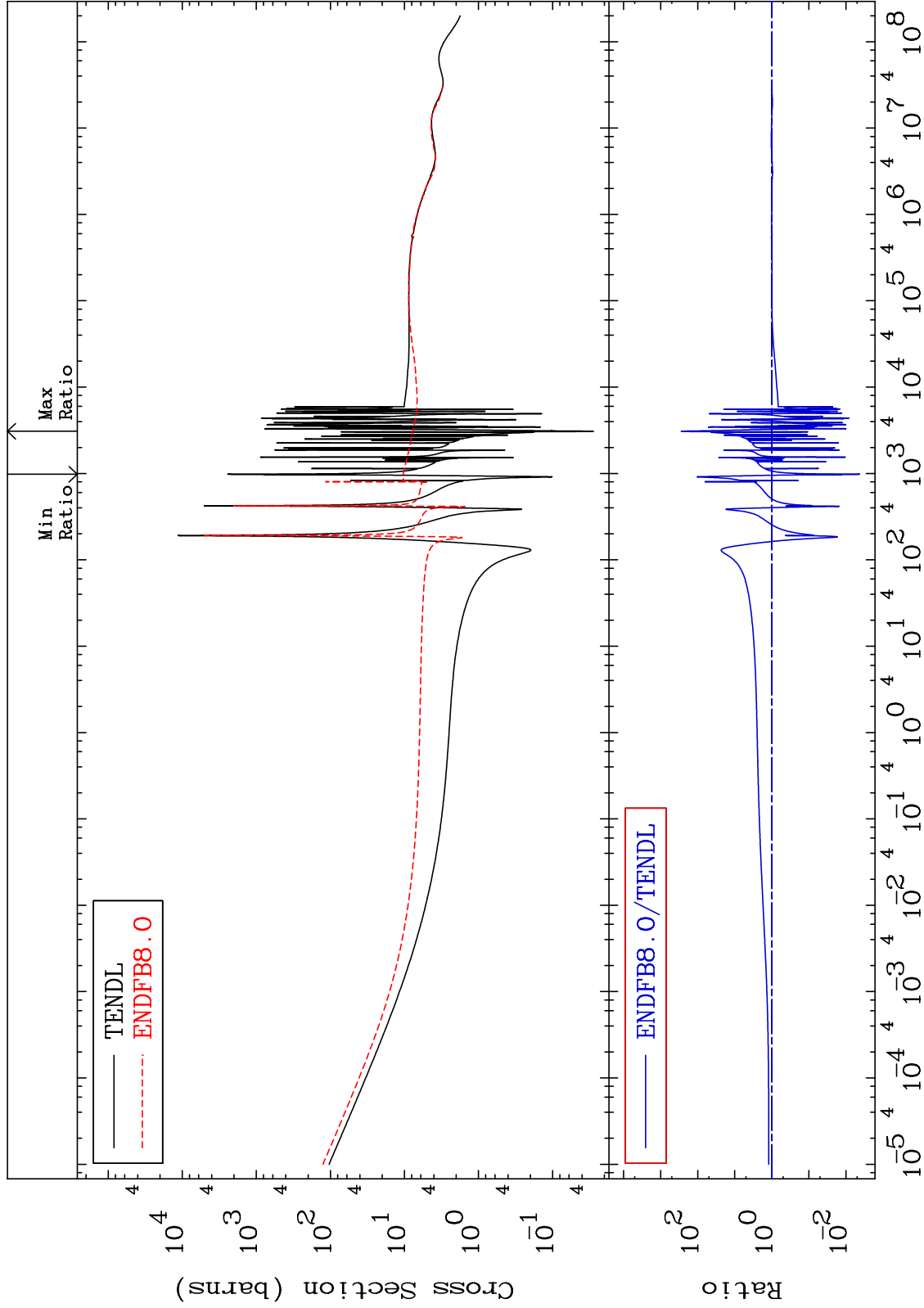
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4625

Total
Cross Section

46-Pd-102
-99.57 To 9999. %



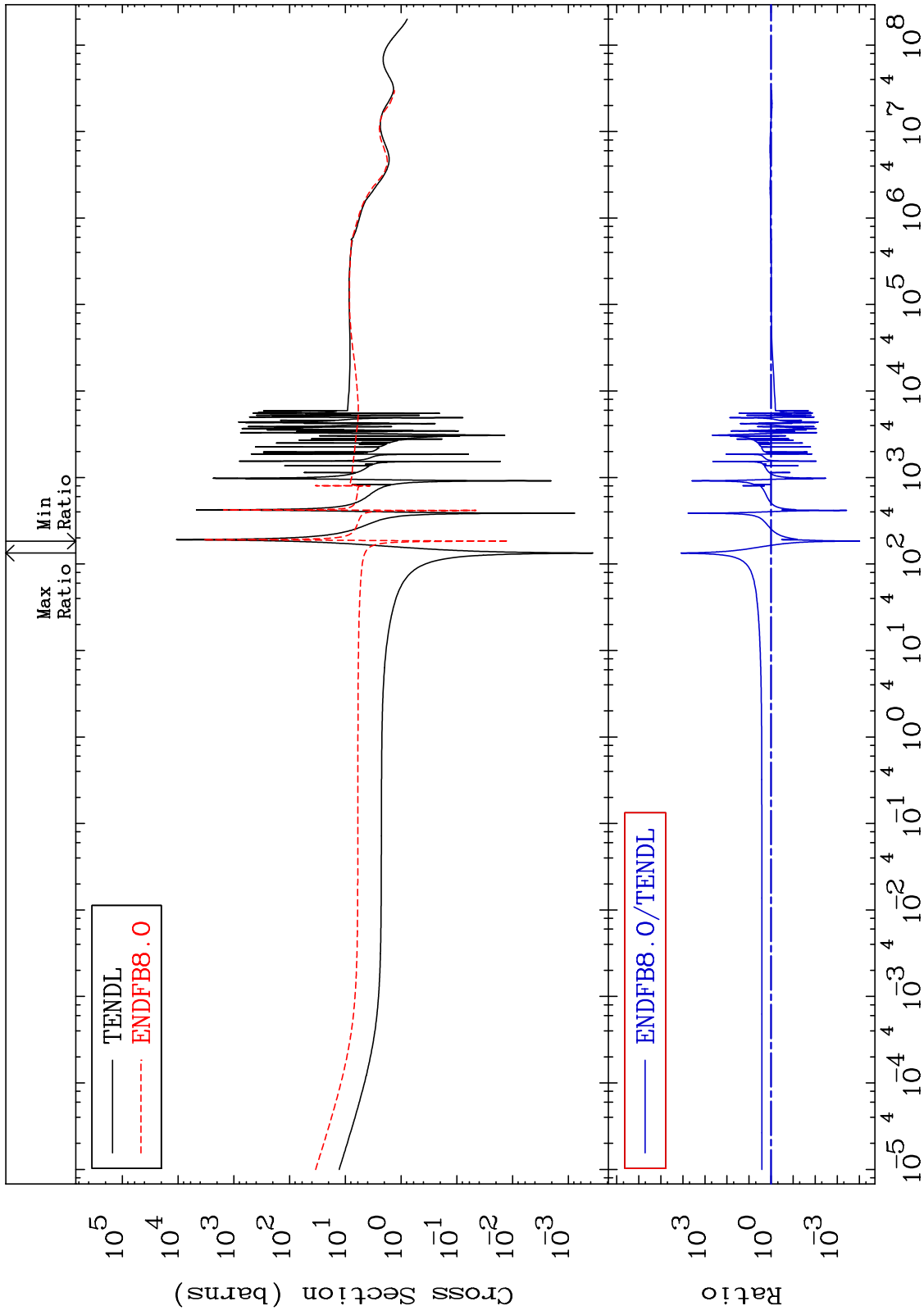
Incident Energy (eV)

46-Pd-102

MAT 4625

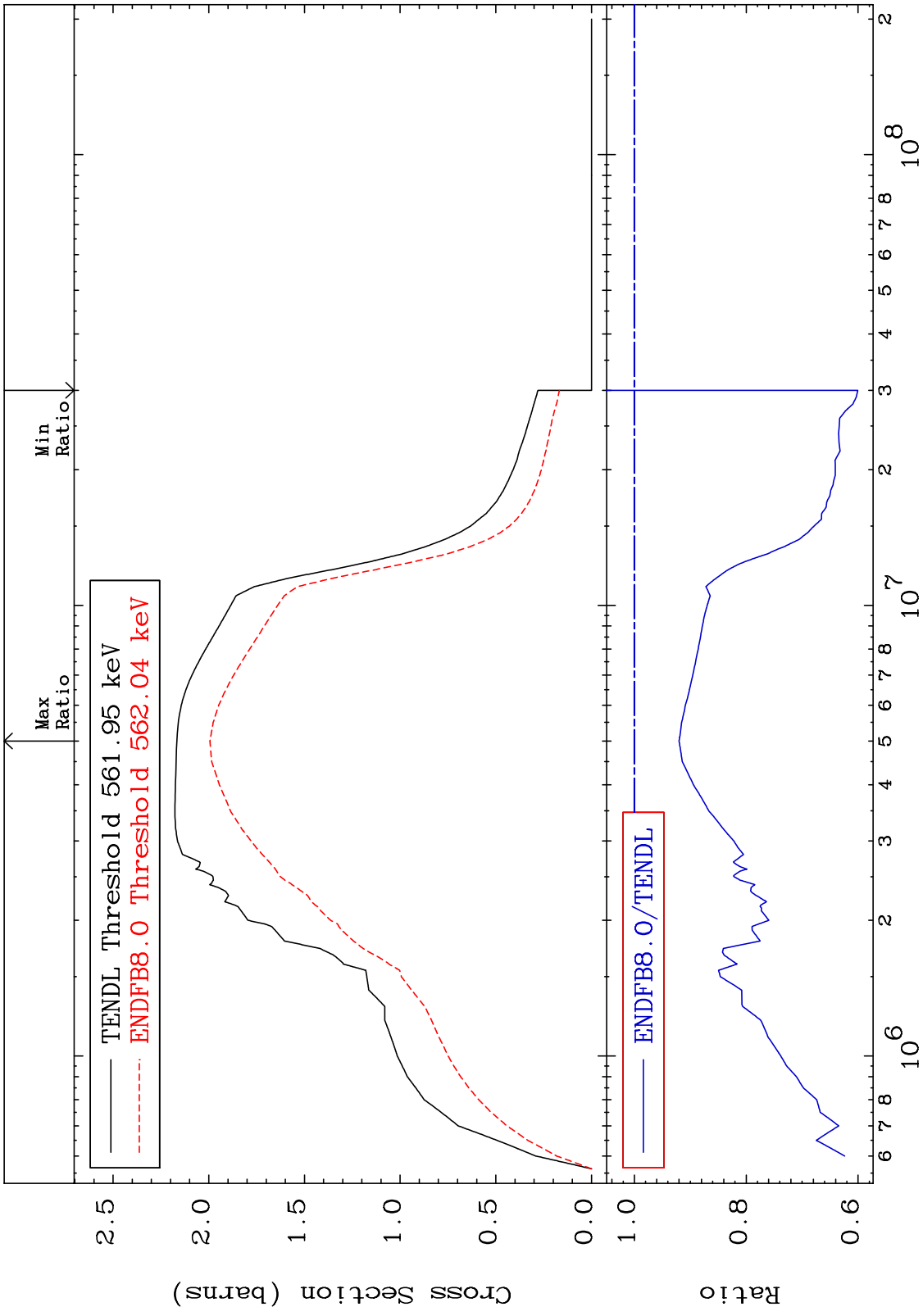
Elastic
Cross Section

46-Pd-102
-99.99 To 9999. %



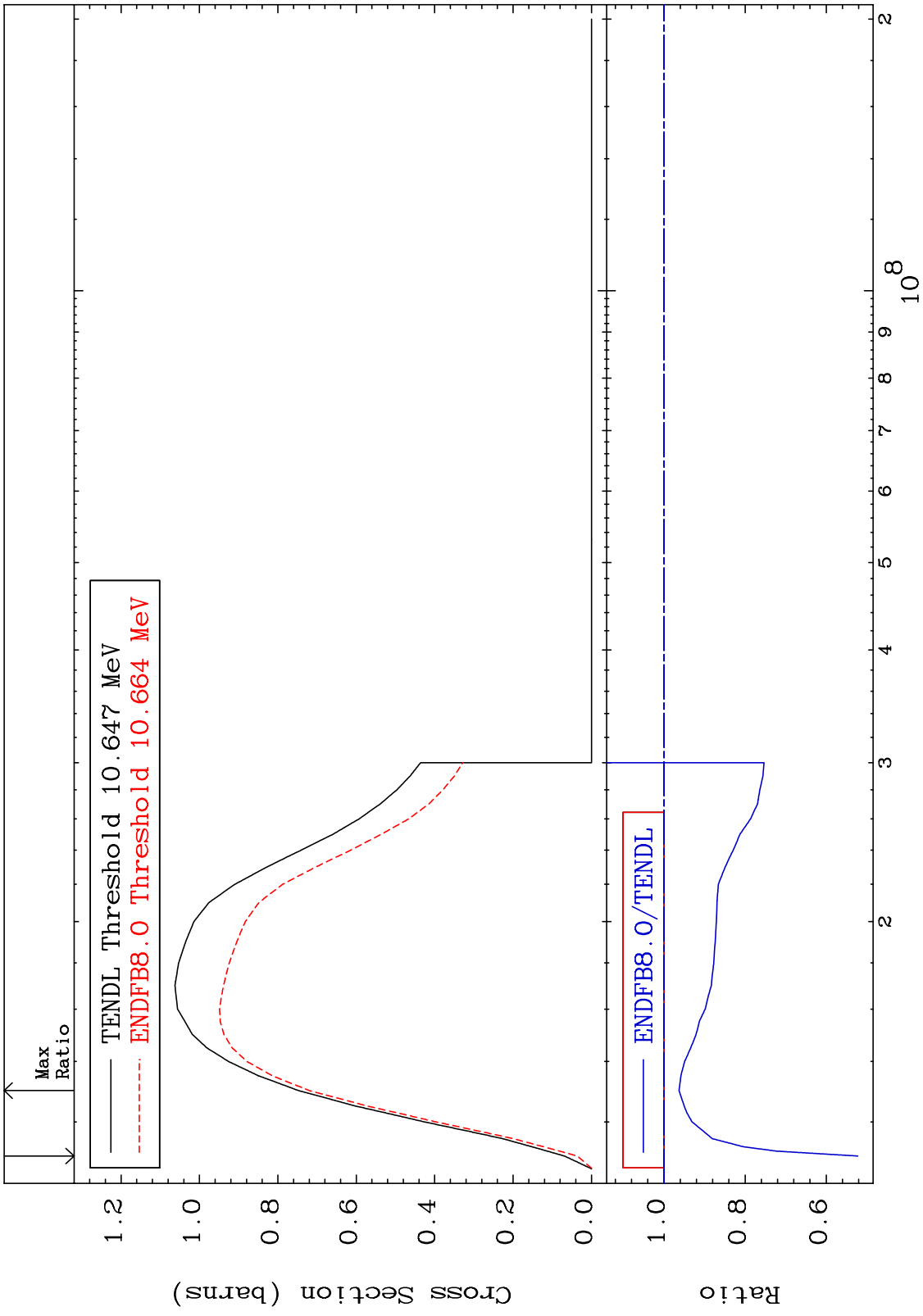
MAT 4625 46-Pd-102 -39.95 To -7.995%

Inelastic Cross Section

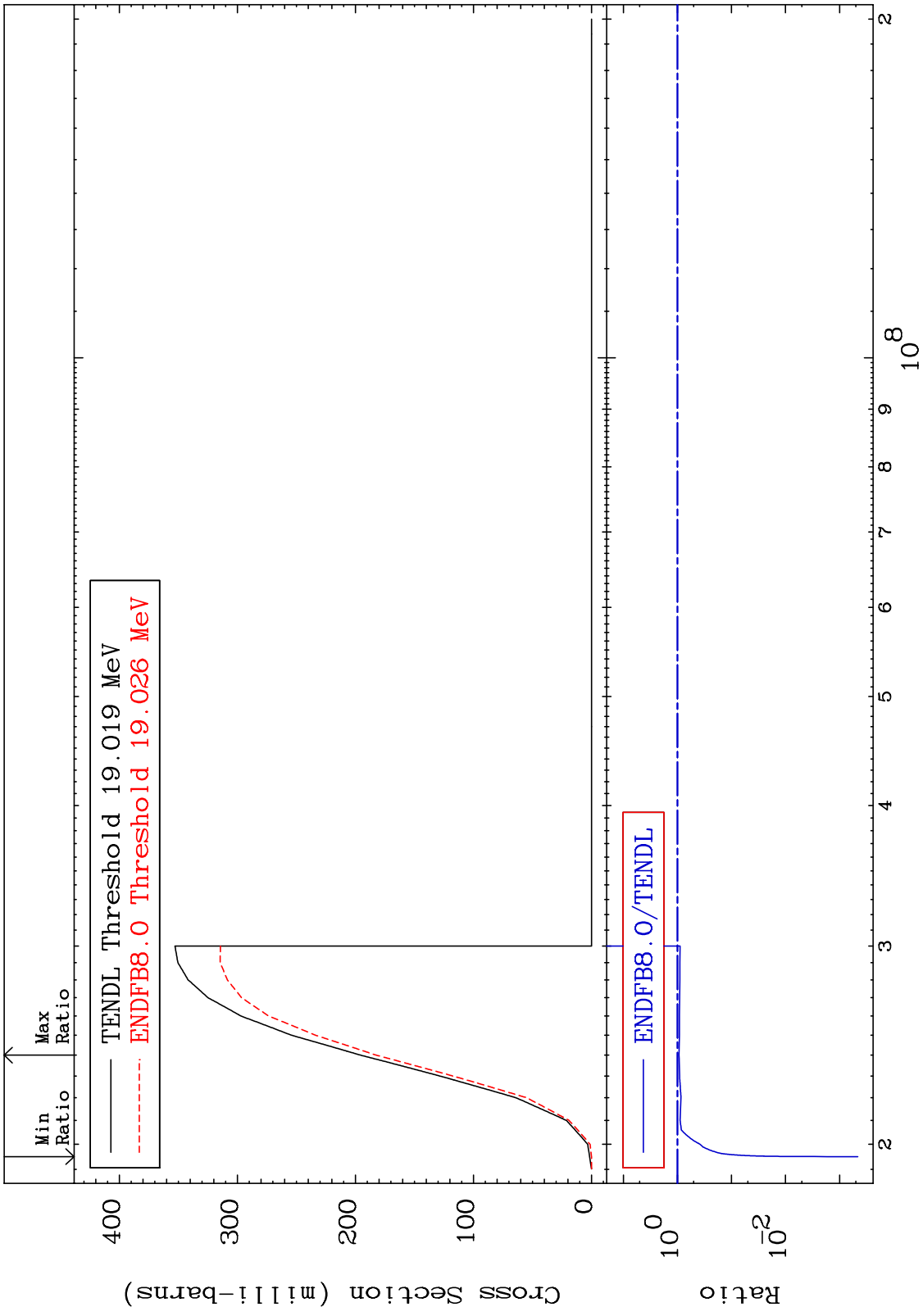


3 Incident Energy (eV) 46-Pd-102

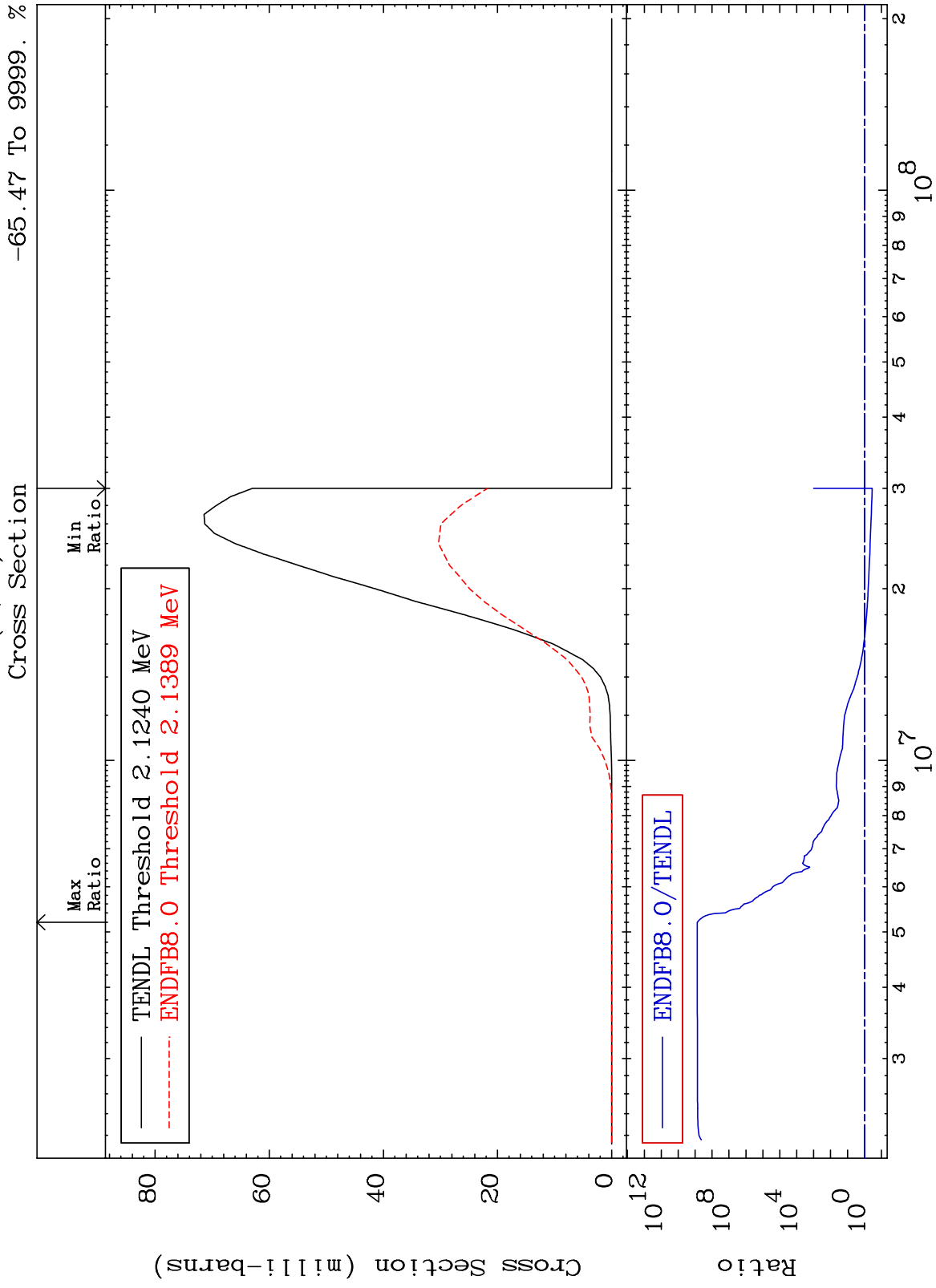
MAT 4625 (n,2n) Cross Section 46-Pd-102 -47.80 To -3.700%



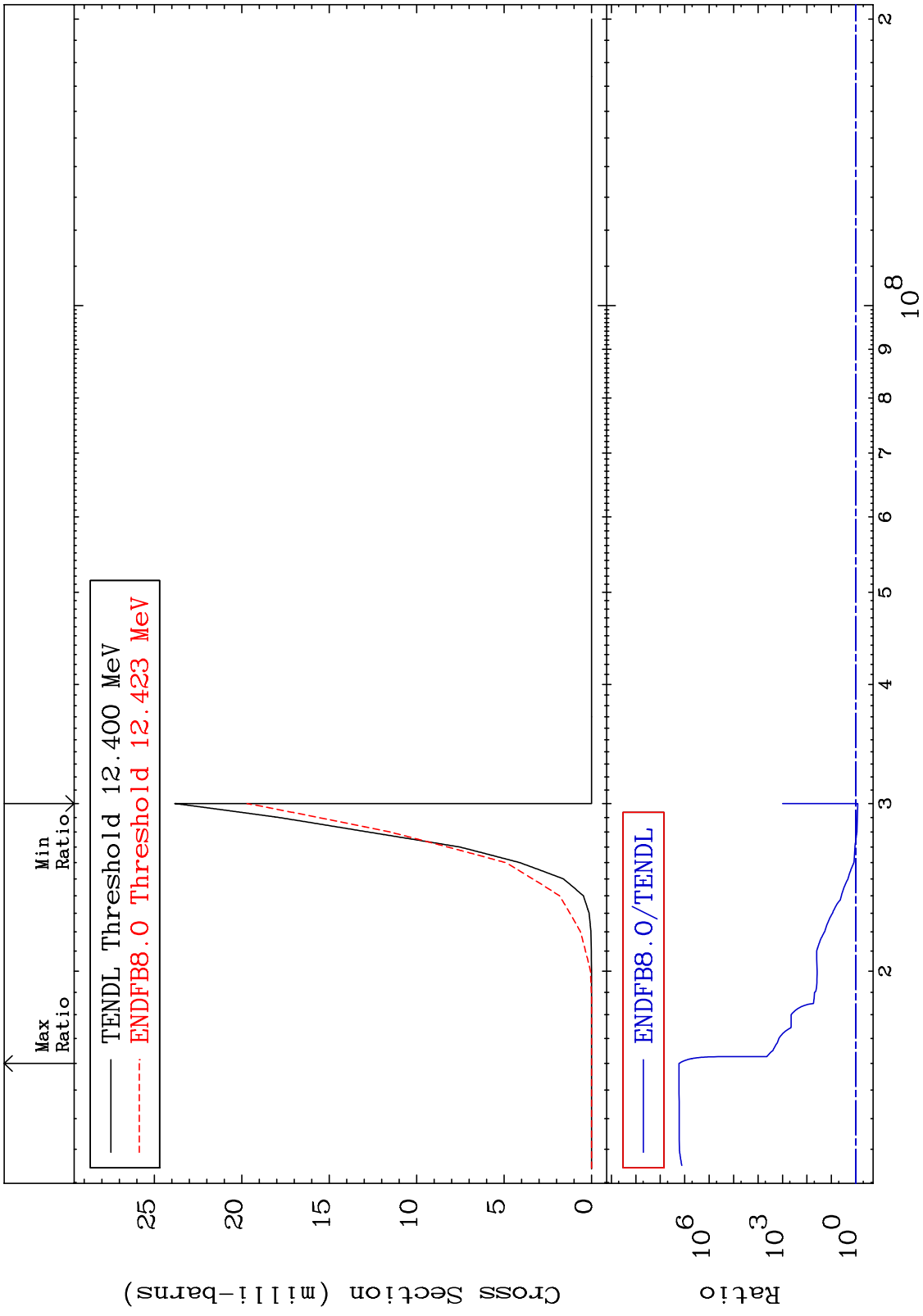
MAT 4625 (n,3n) Cross Section 46-Pd-102 -99.95 To -6.719%



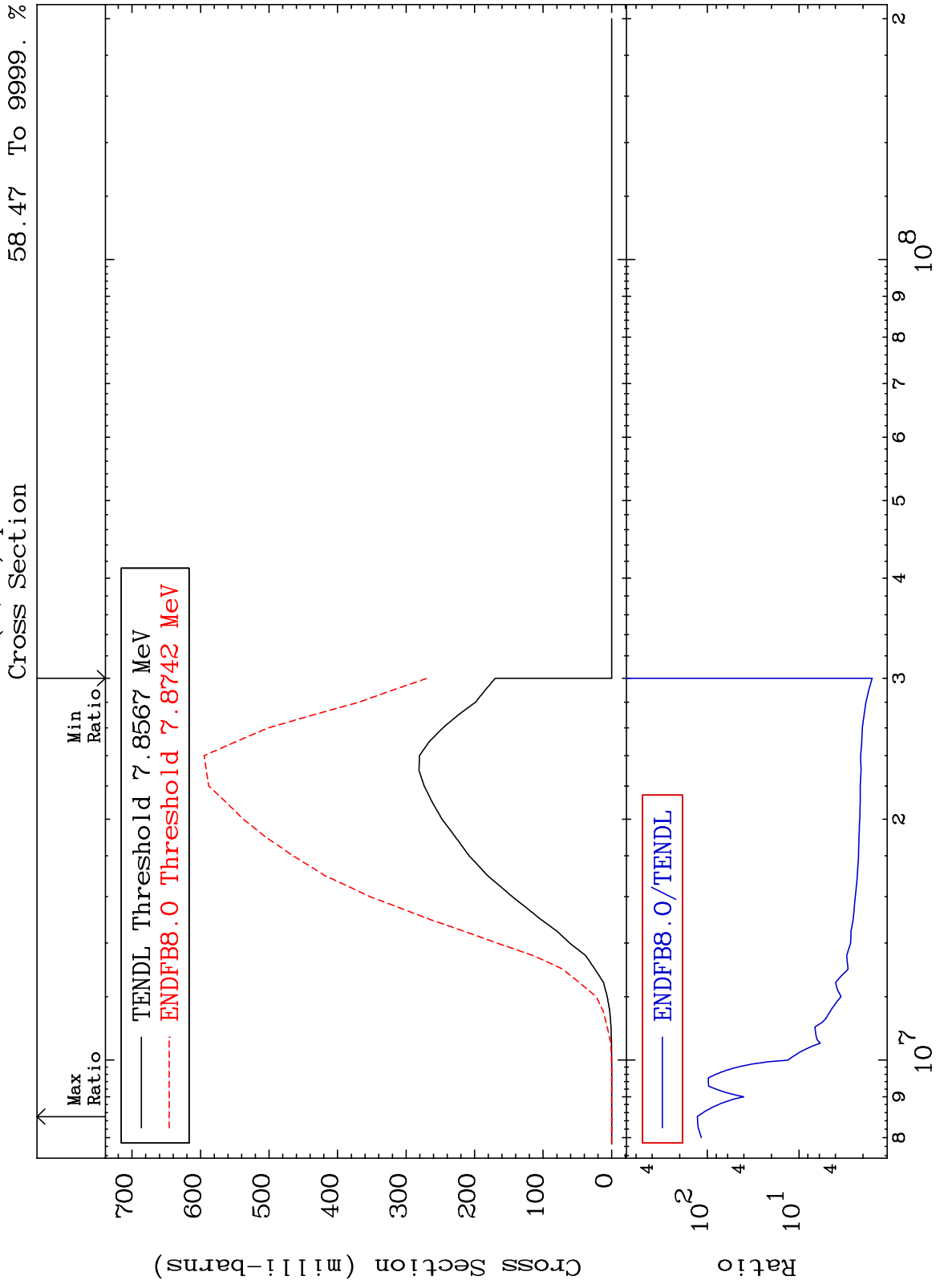
MAT 4625 $(n, n') \alpha$ 46-Pd-102 -65.47 To 9999. %



MAT 4625 (n,2n) α 46-Pd-102
 Cross Section -17.32 To 9999. %

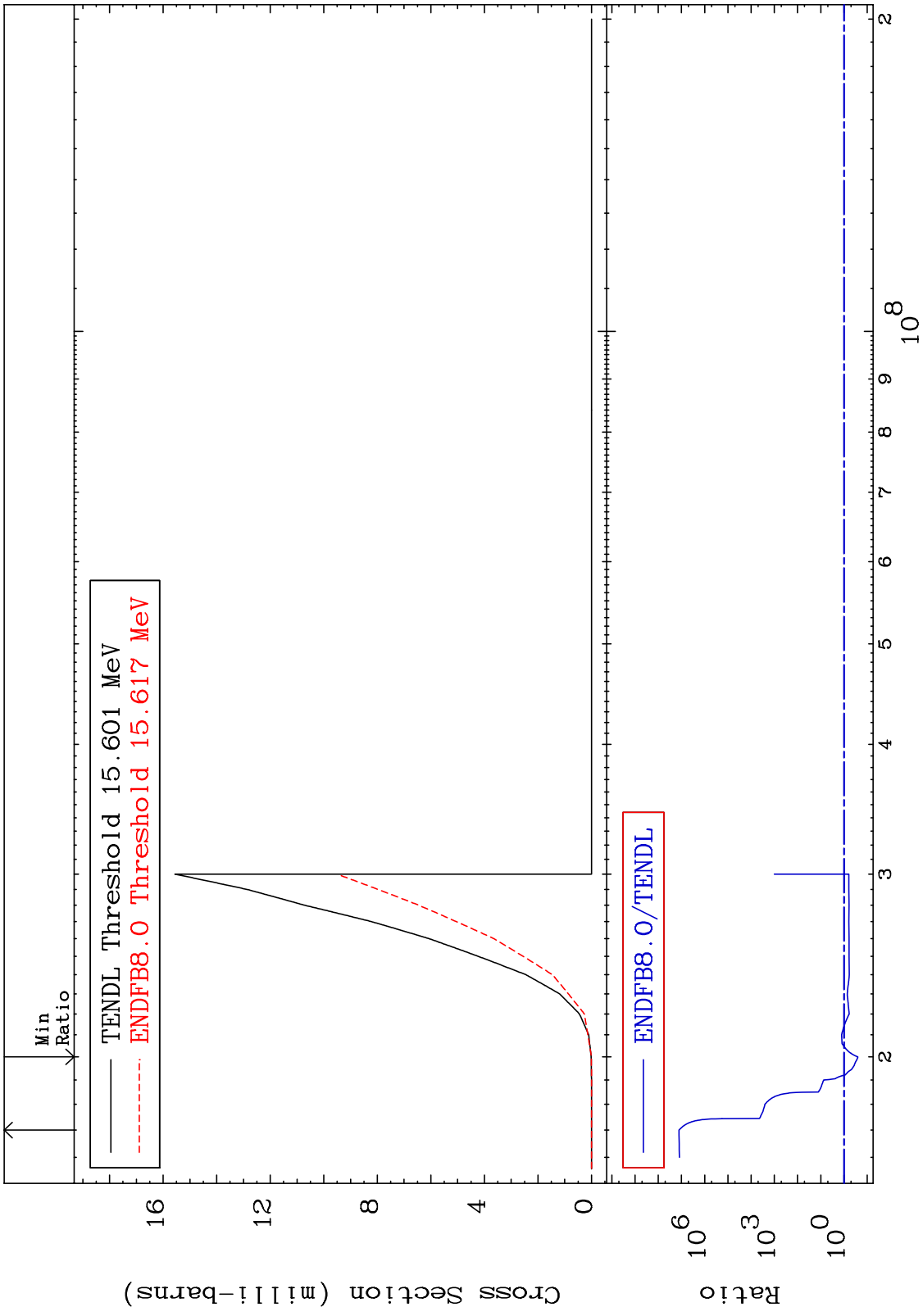


MAT 4625 (n,n') p 46-Pd-102 58.47 To 9999. %

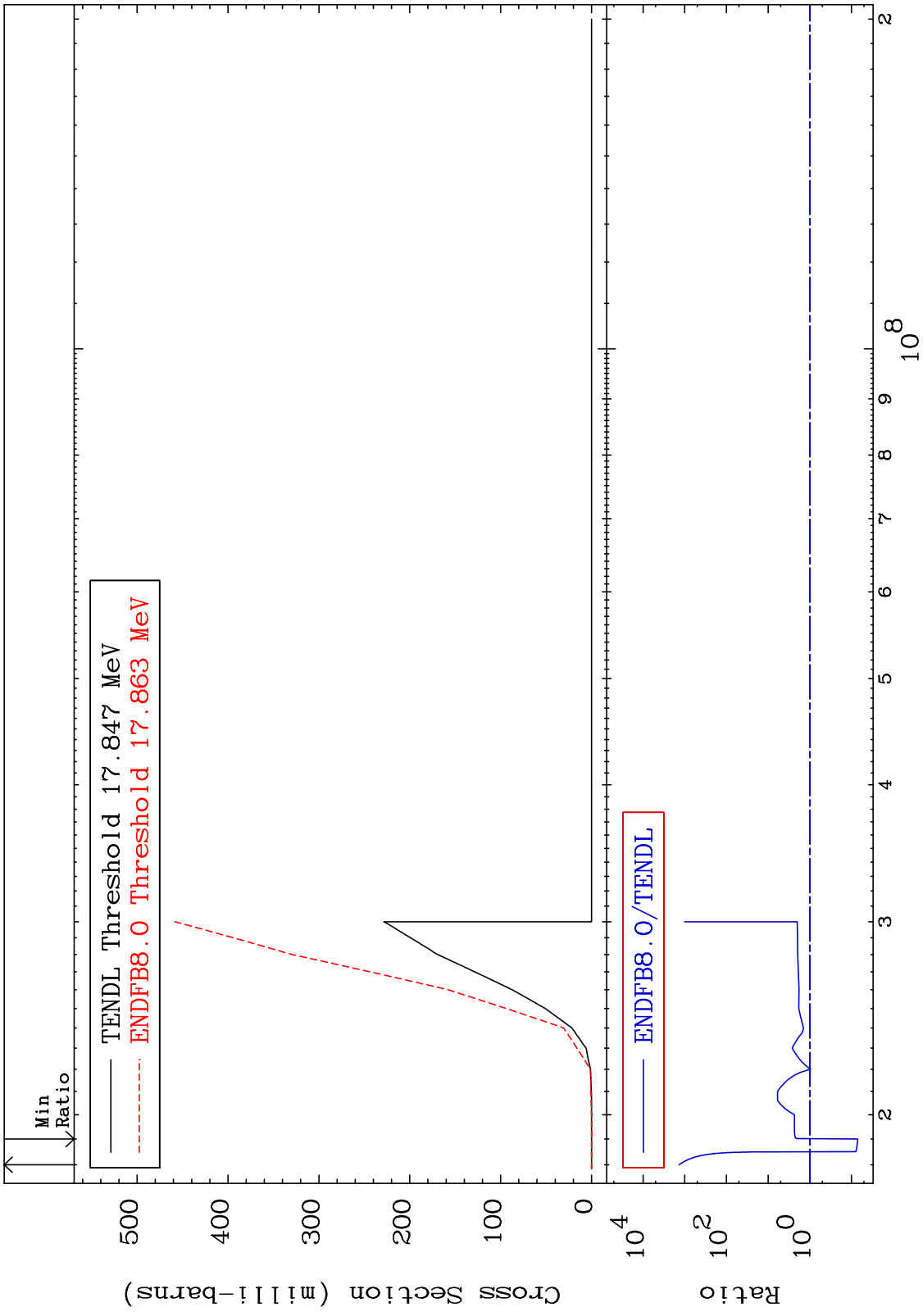


8 46-Pd-102

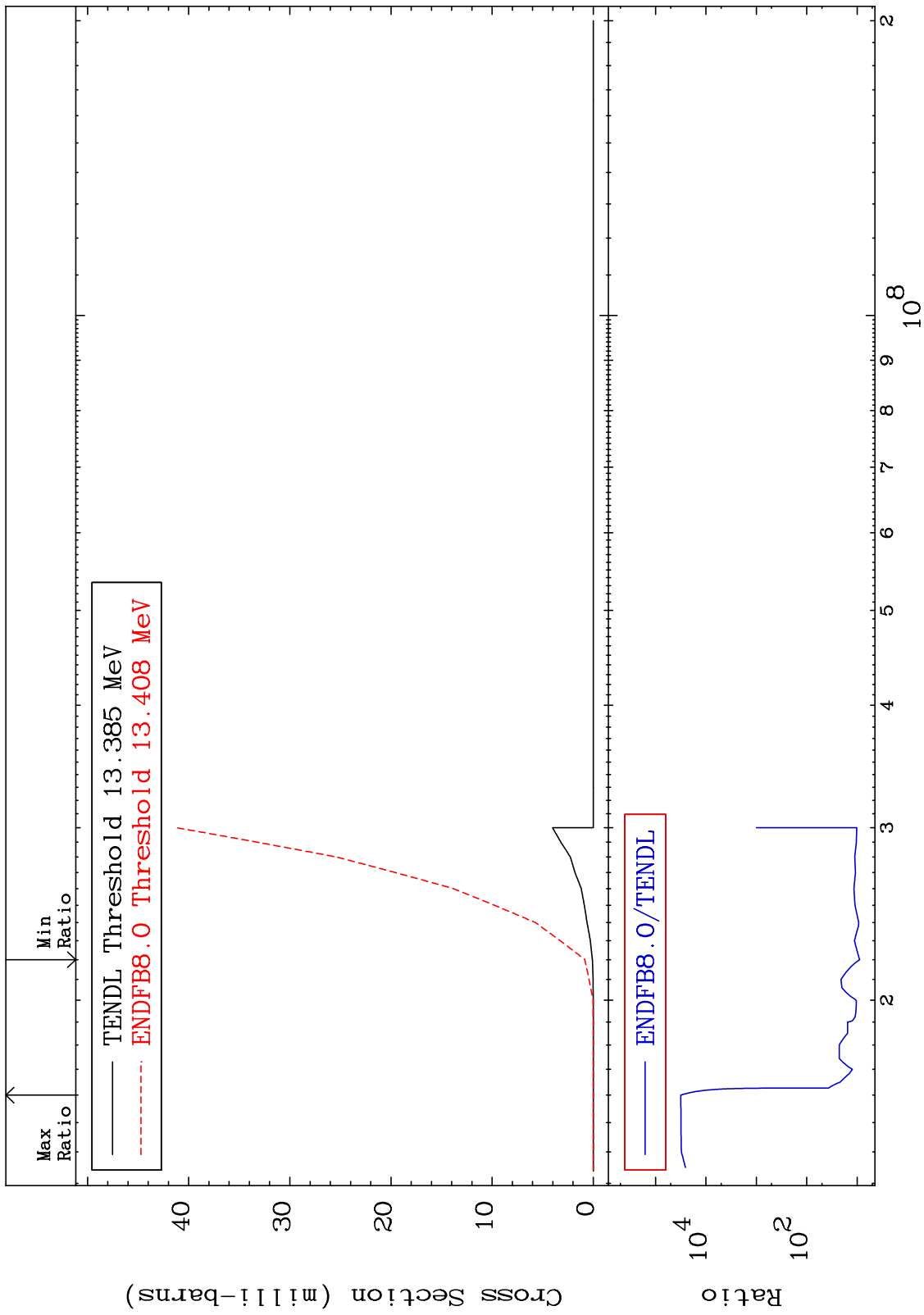
MAT 4625 (n,n') d 46-Pd-102
 Cross Section -74.75 To 9999. %



MAT 4625 (n,2n) p 46-Pd-102
Cross Section -92.97 To 9999. %



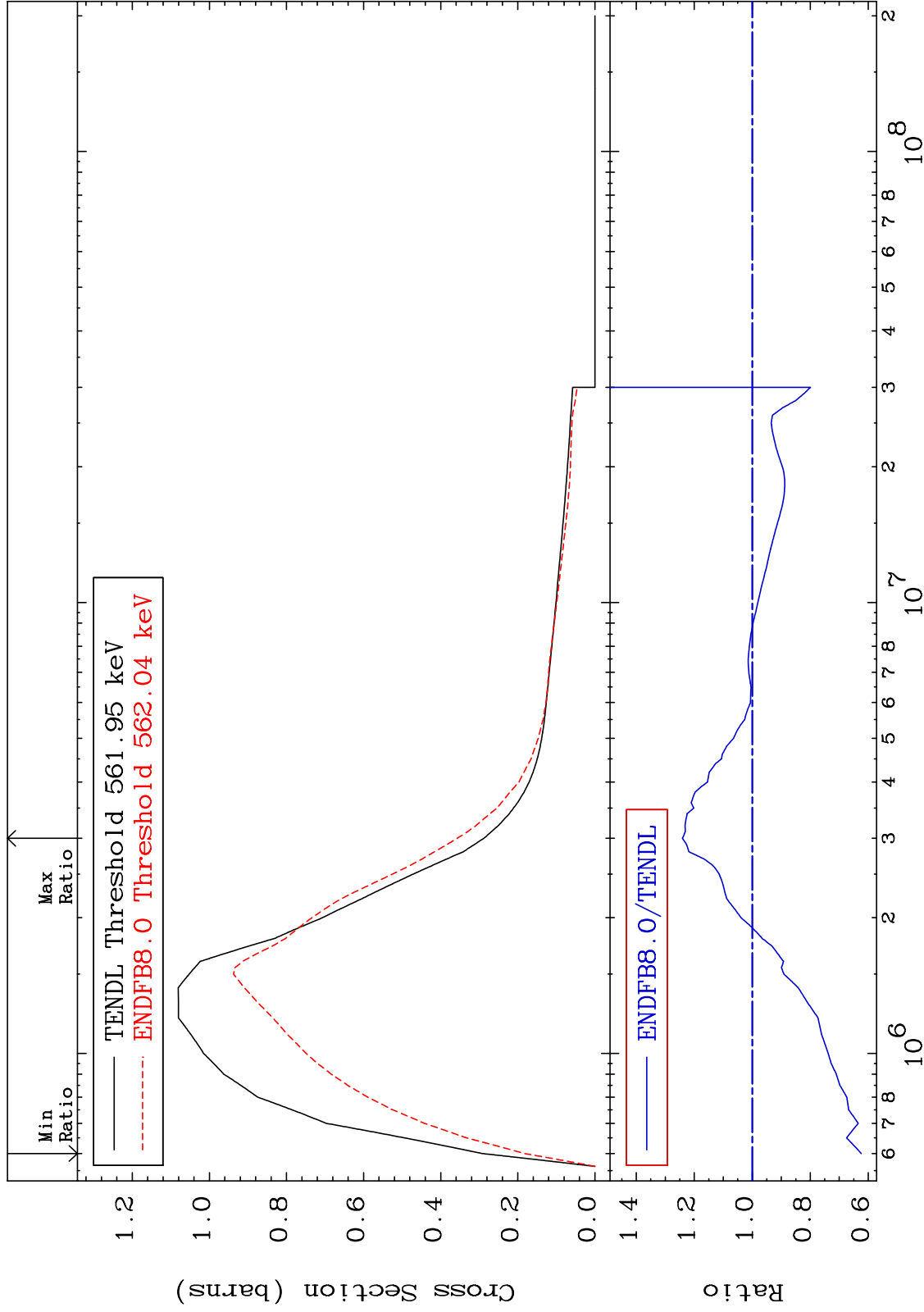
MAT 4625 (n,2n) p 46-Pd-102
 Cross Section 793.4 To 9999. %



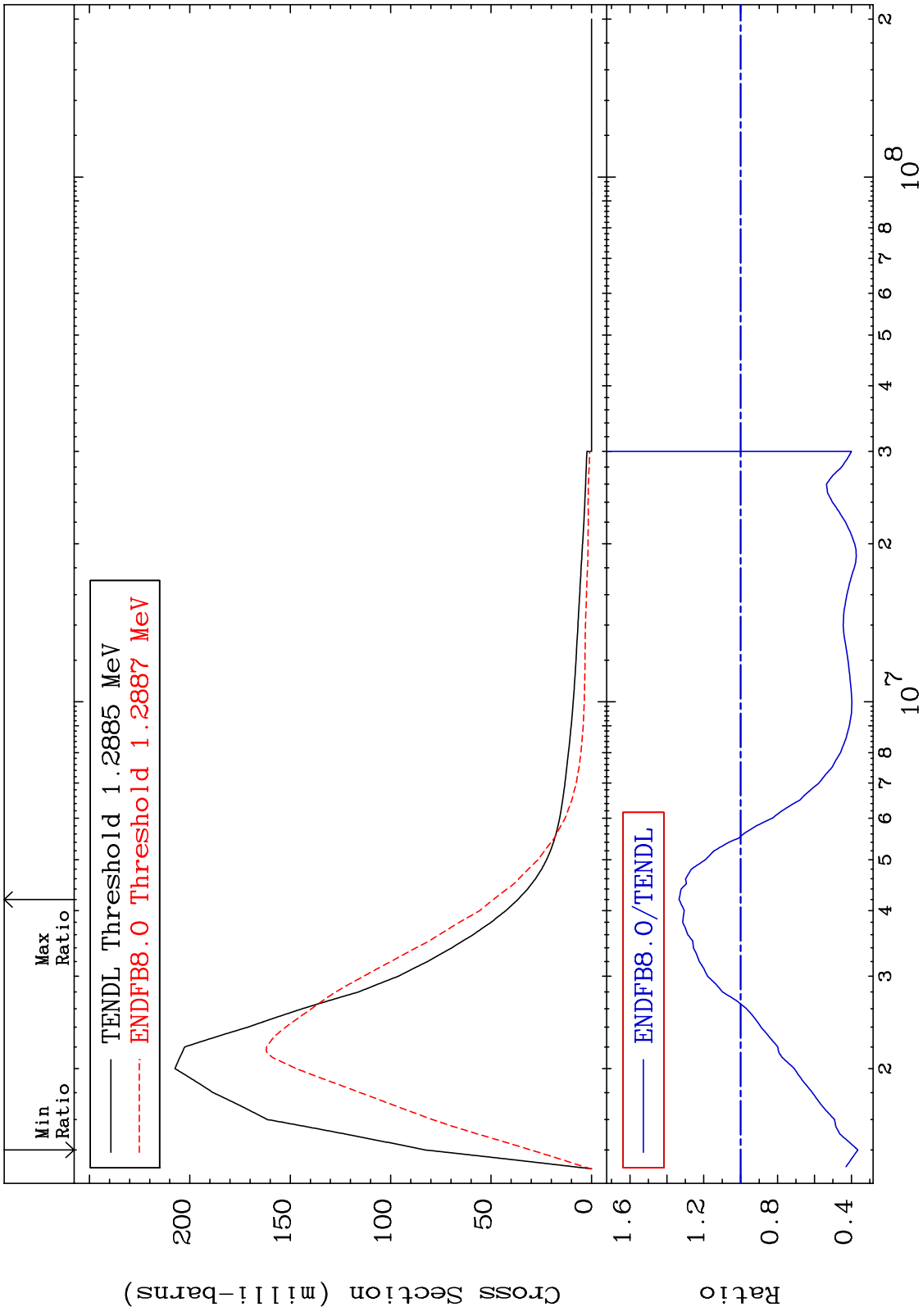
MAT 4625

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

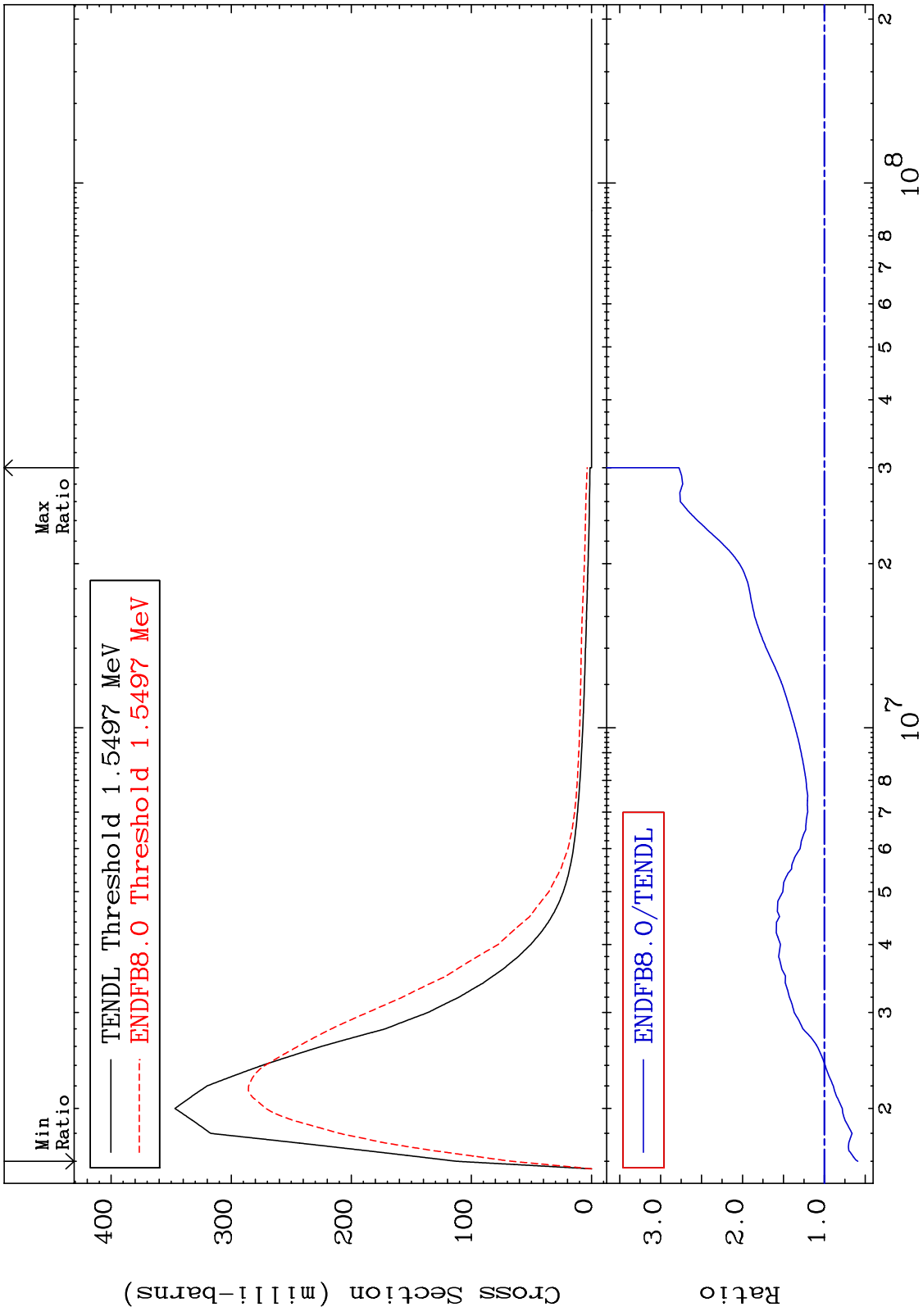
46-Pd-102
-37.59 To 24.06 %



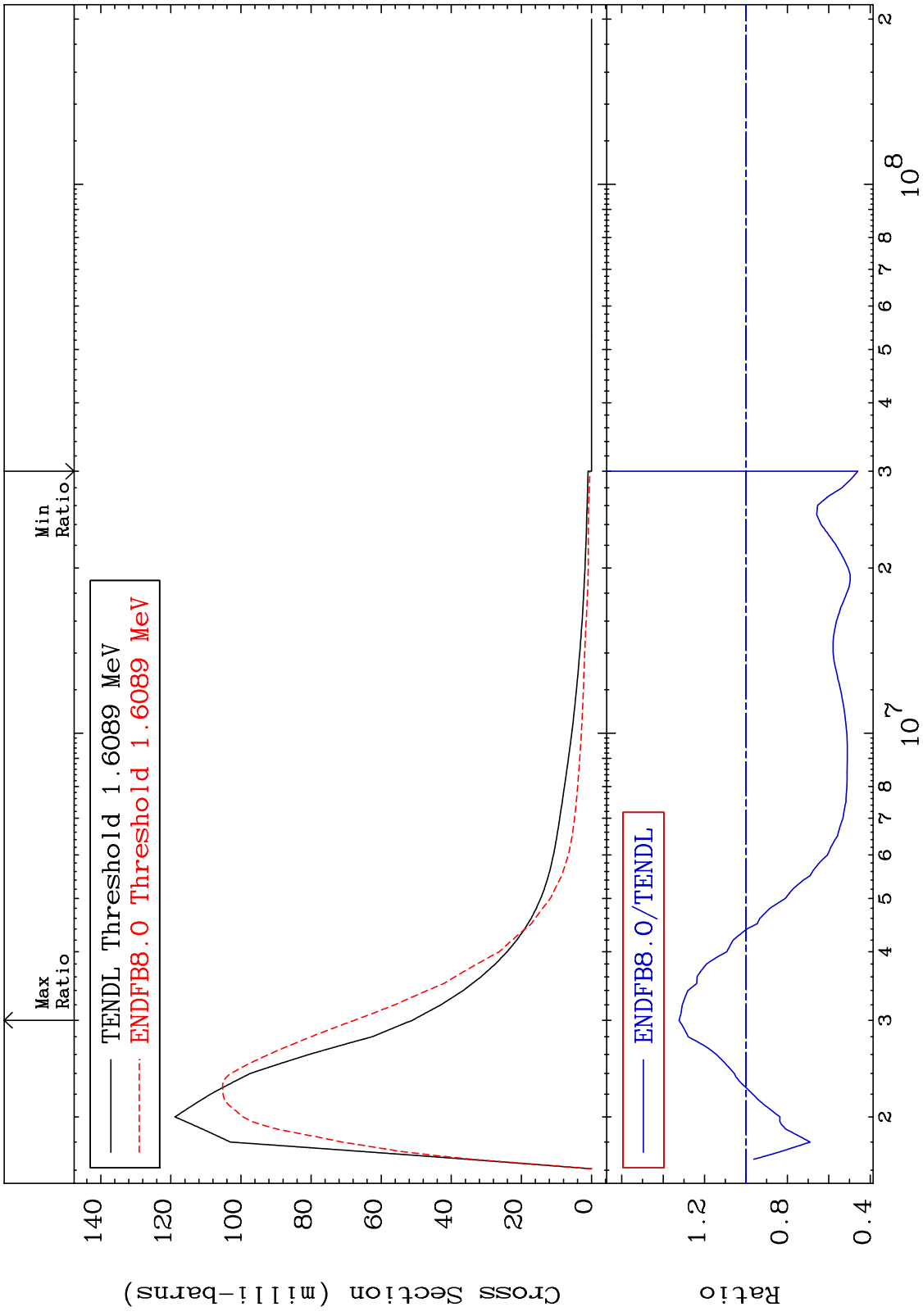
MAT 4625 MT= 52 (n,n') Level Cross Section 46-Pd-102
-63.51 To 33.41 %



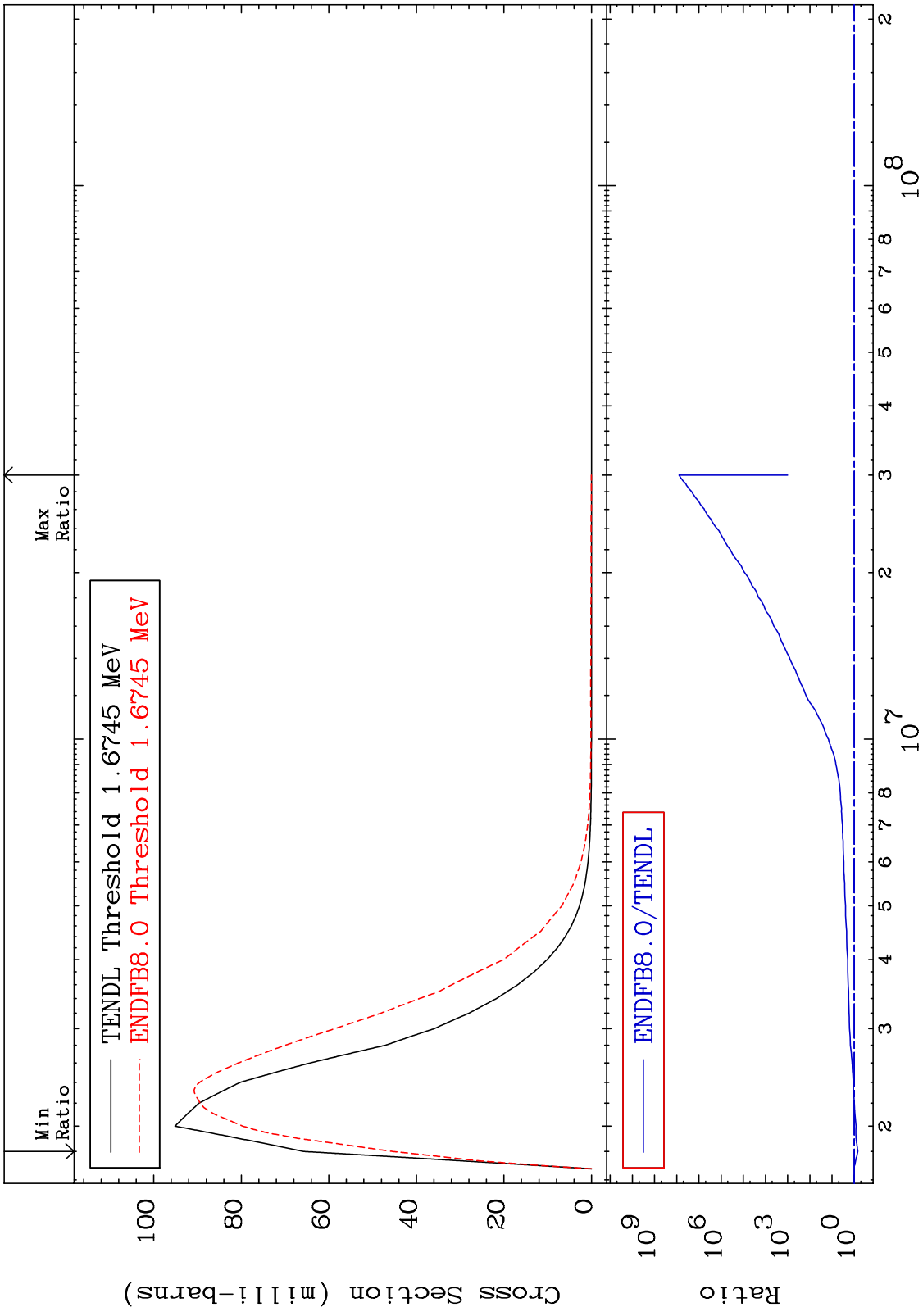
MAT 4625 MT= 53 (n,n') Level Cross Section 46-Pd-102
 -40.85 To 177.5 %



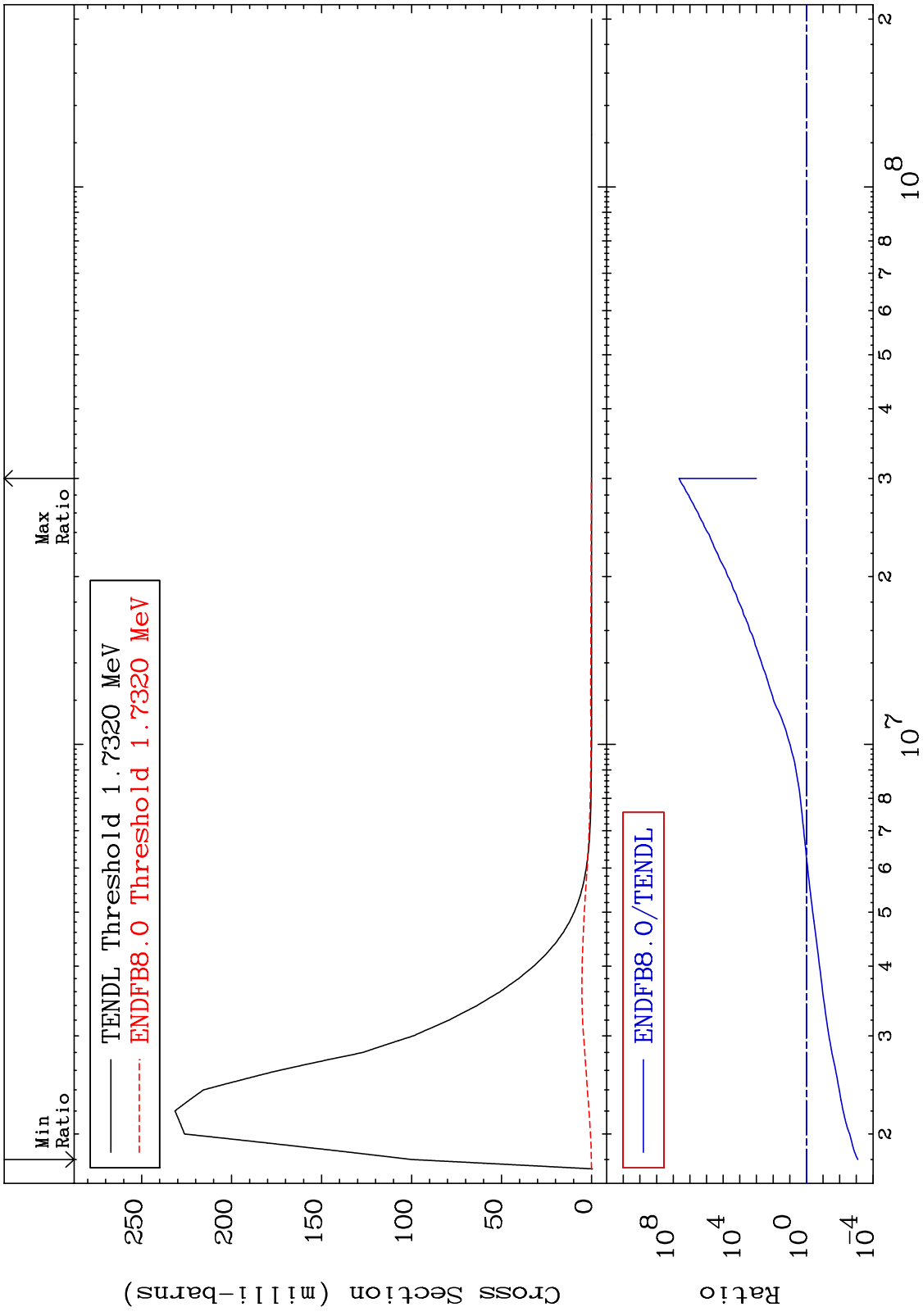
MAT 4625 MT= 54 (n,n') Level Cross Section 46-Pd-102 -54.03 To 32.35 %



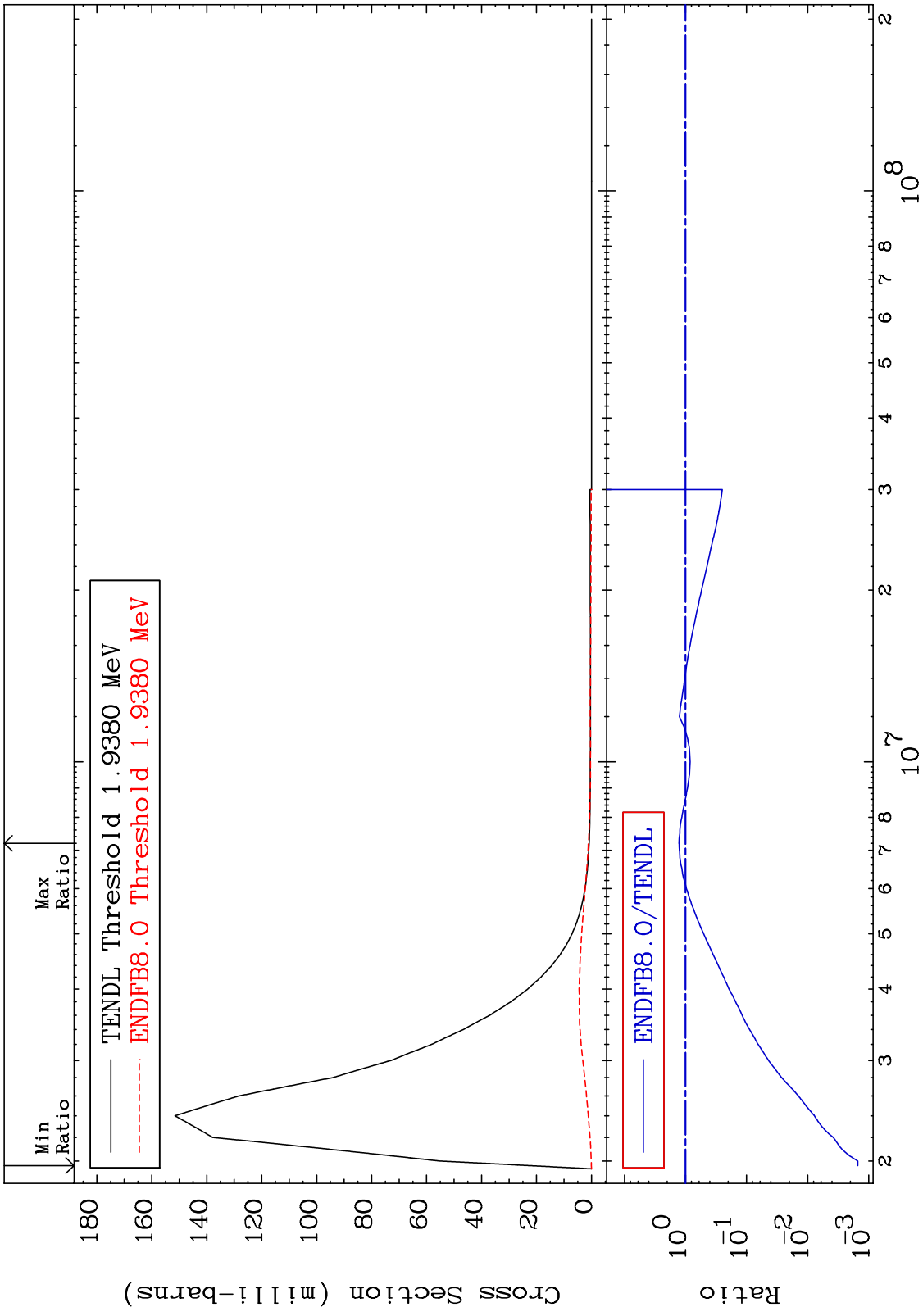
MAT 4625 MT= 55 (n,n') Level Cross Section 46-Pd-102
 -30.91 To 9999. %



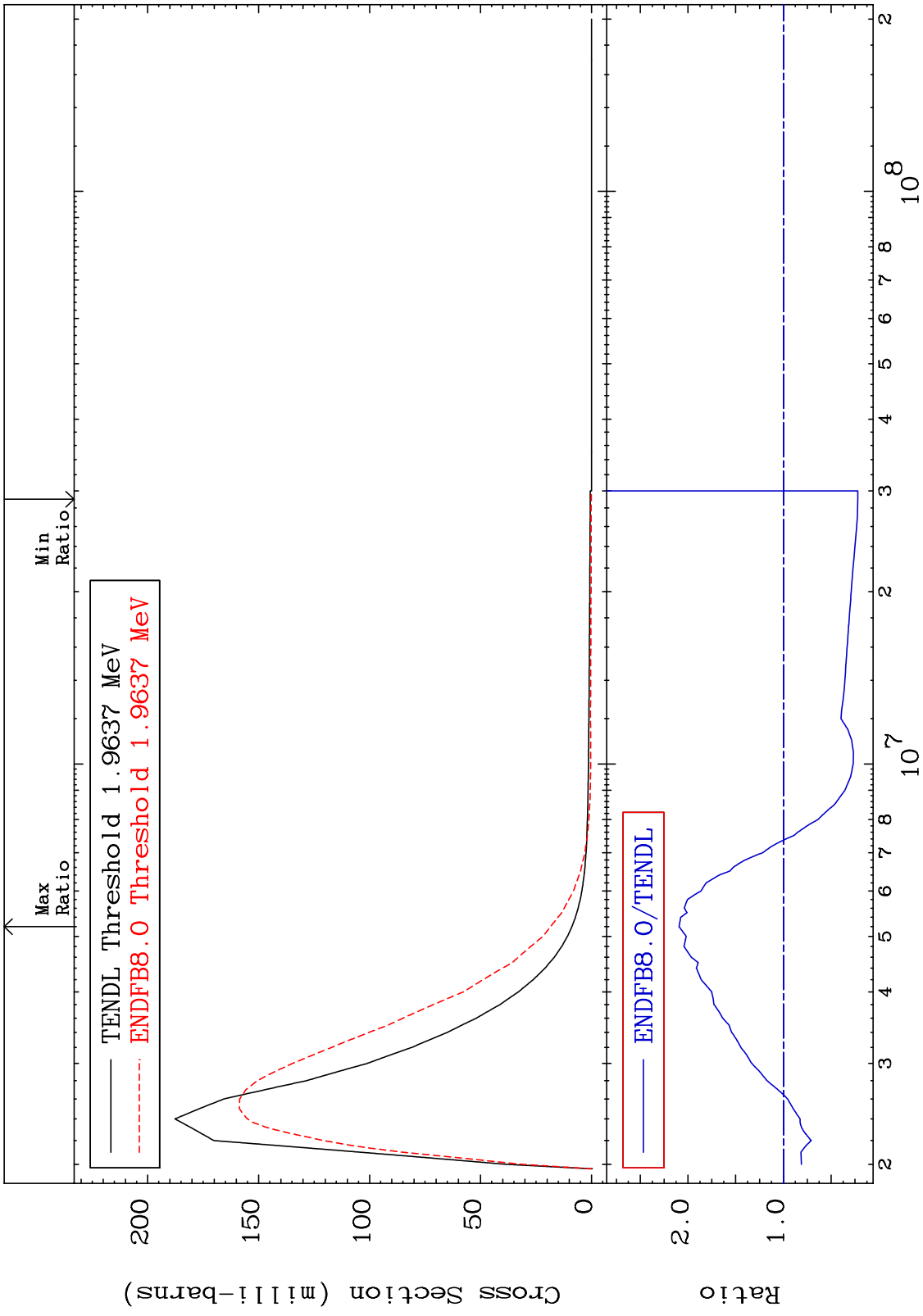
MAT 4625 MT= 56 (n,n') Level Cross Section 46-Pd-102 -99.92 To 9999. %



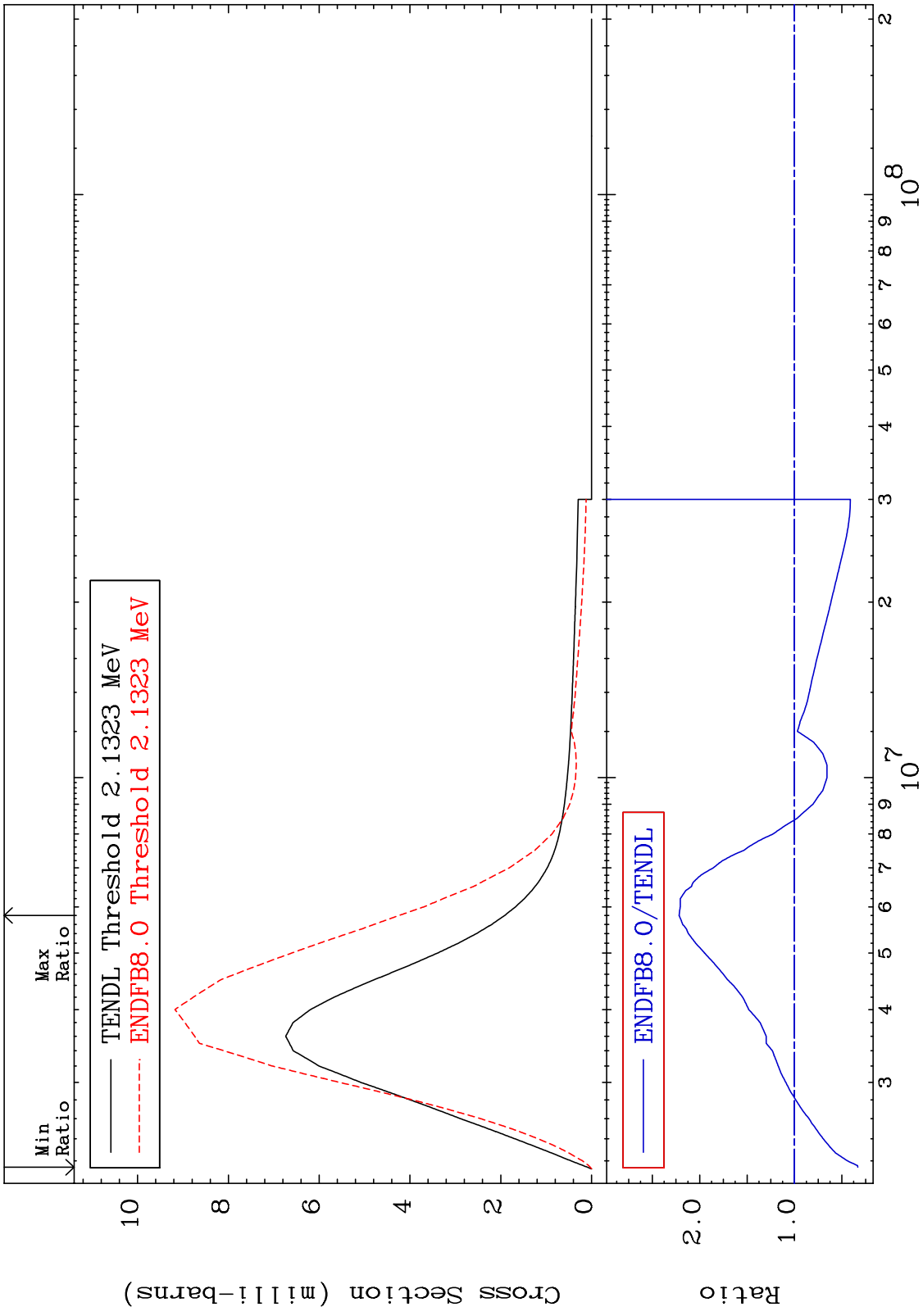
MAT 4625 MT= 57 (n,n') Level Cross Section 46-Pd-102 -99.85 To 27.98 %



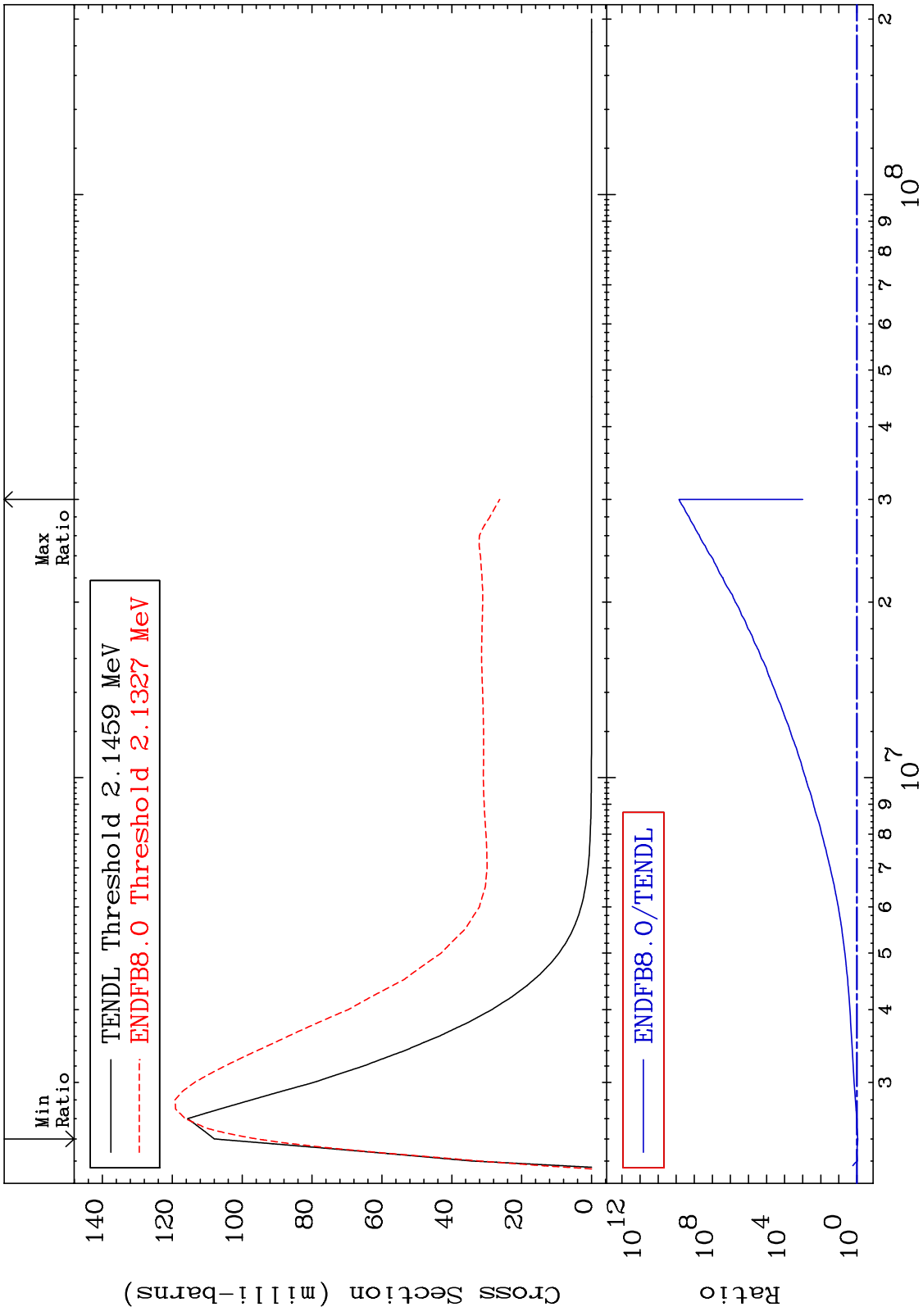
MAT 4625 MT= 58 (n,n') Level Cross Section 46-Pd-102
 -77.98 To 109.4 %



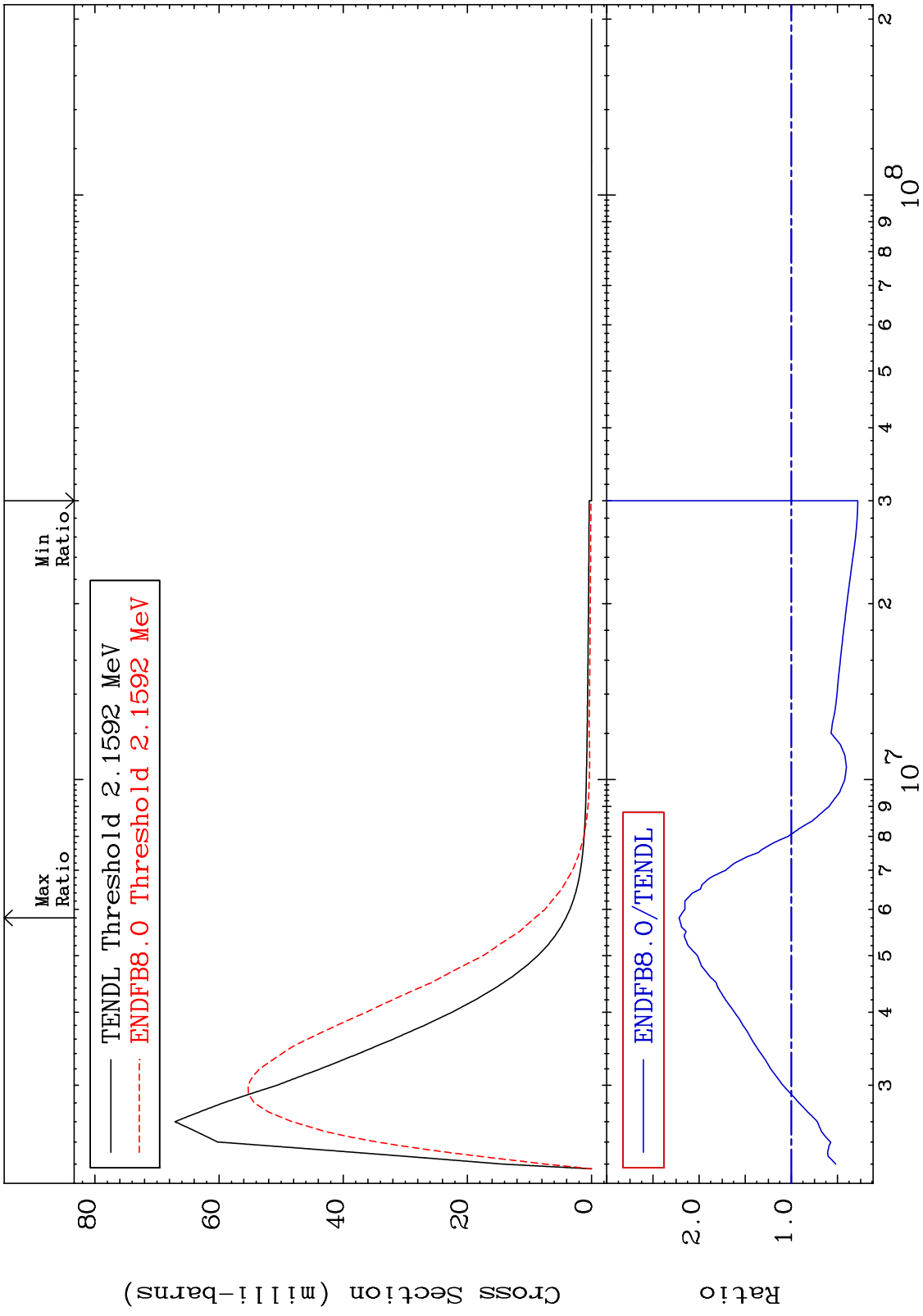
MAT 4625 MT= 59 (n,n') Level Cross Section 46-Pd-102
 -66.84 To 121.8 %



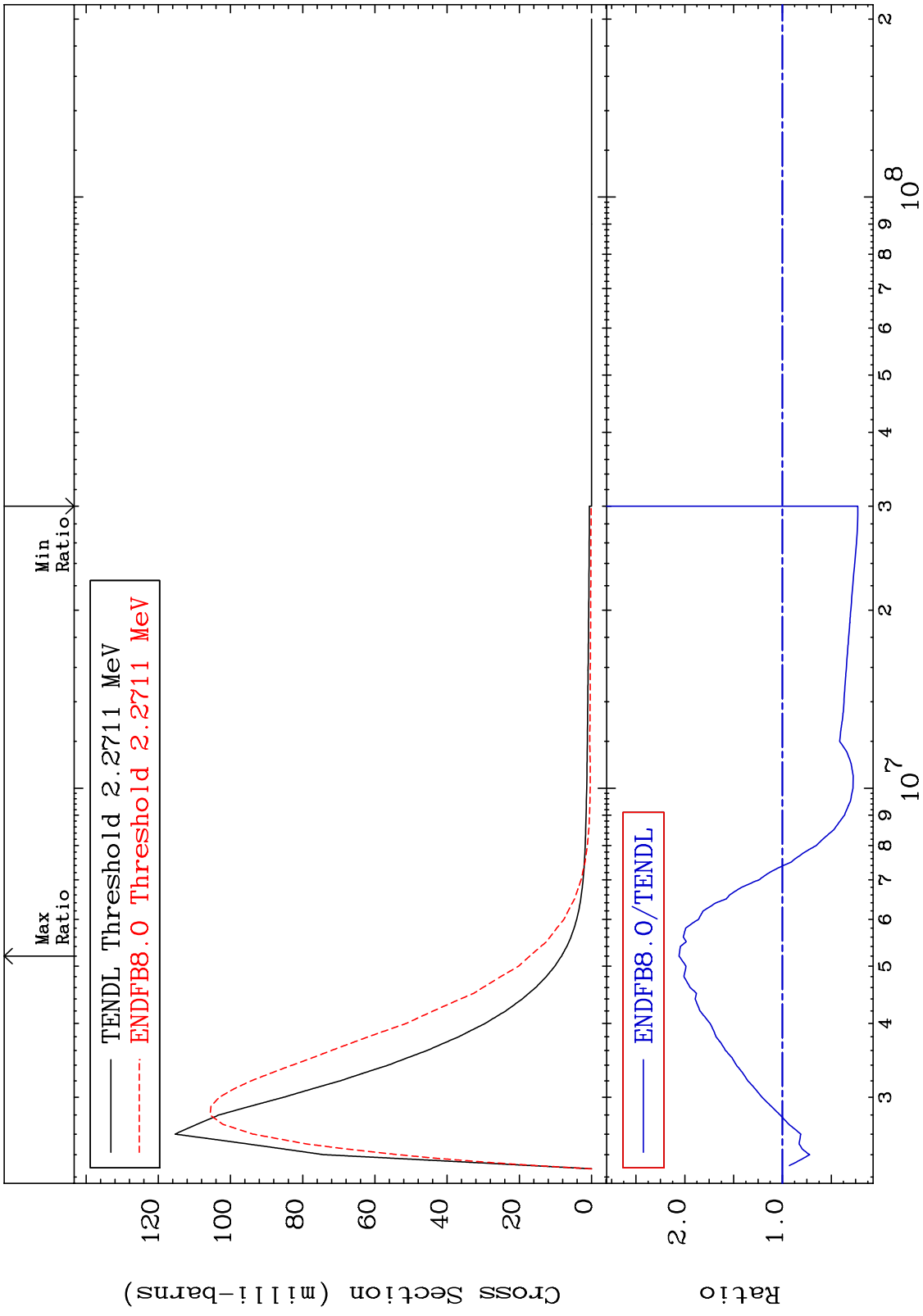
MAT 4625 MT= 60 (n,n') Level Cross Section 46-Pd-102
 -11.25 To 9999. %



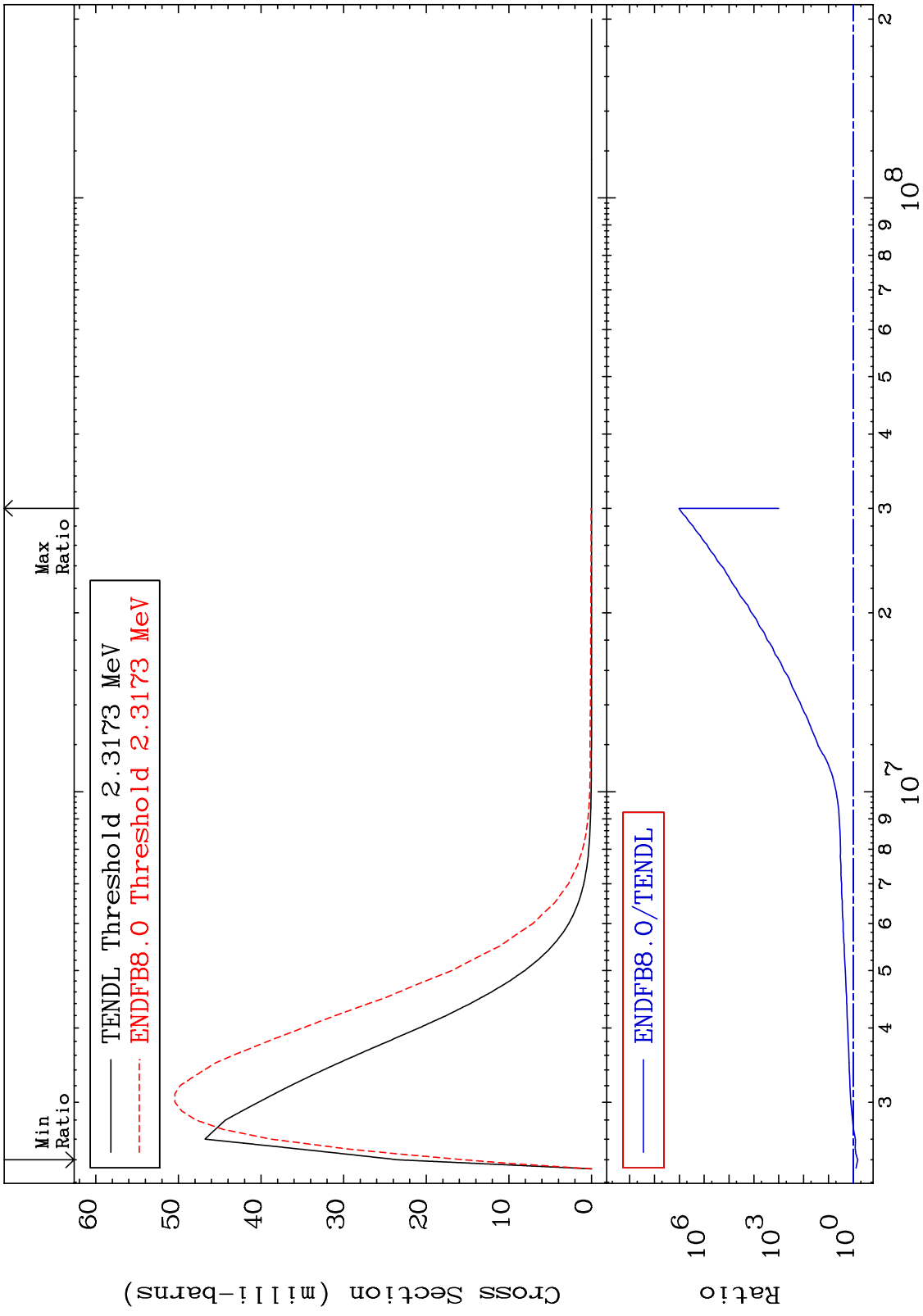
MAT 4625 MT= 61 (n,n') Level Cross Section 46-Pd-102
 -72.08 To 121.8 %



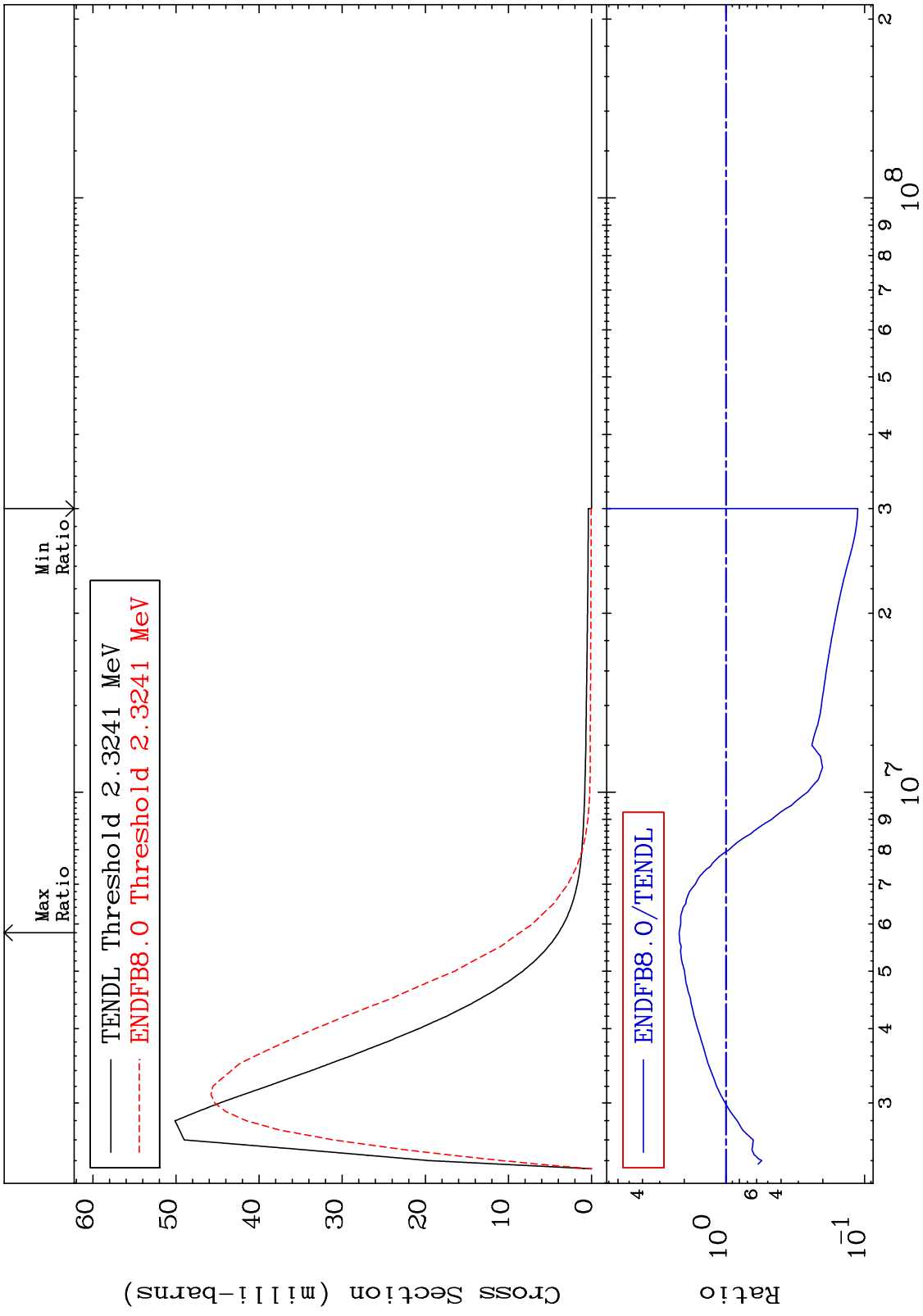
MAT 4625 MT= 62 (n,n') Level Cross Section 46-Pd-102 -77.22 To 105.9 %



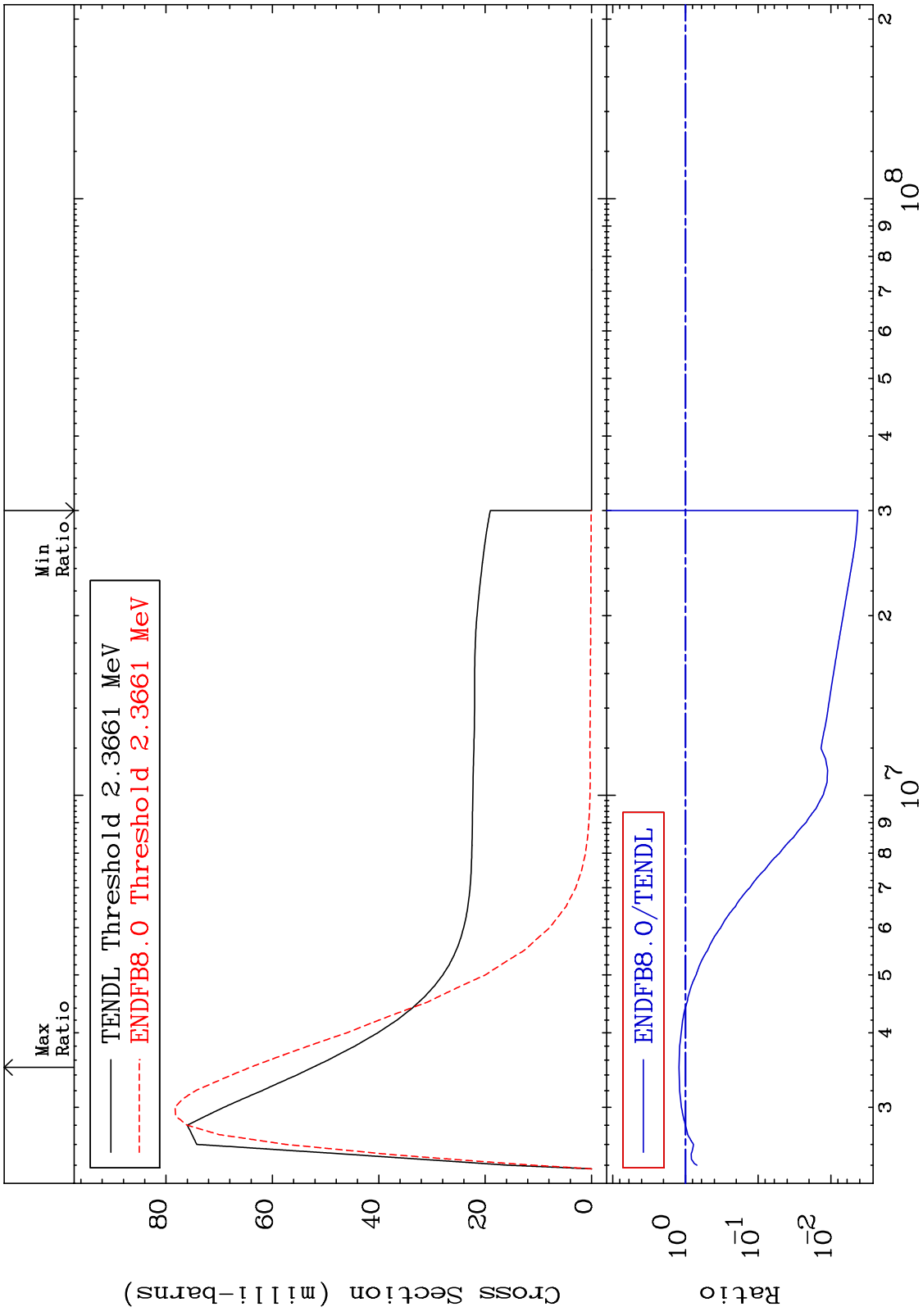
MAT 4625 MT= 63 (n,n') Level Cross Section 46-Pd-102
 -34.34 To 9999. %



MAT 4625 MT= 64 (n,n') Level Cross Section 46-Pd-102 -88.83 To 117.9 %



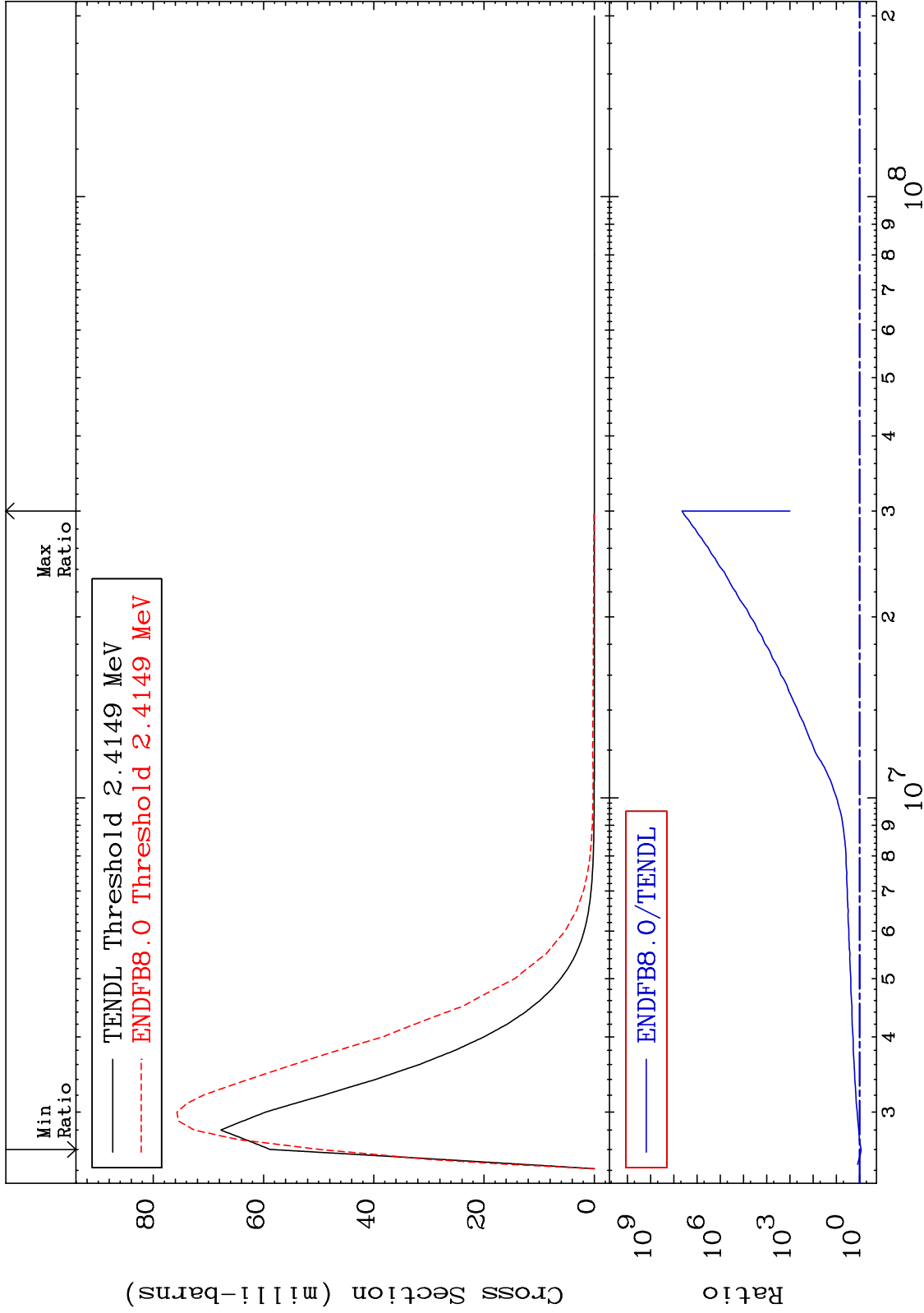
MAT 4625 MT= 65 (n,n') Level Cross Section 46-Pd-102
 -99.57 To 22.42 %



MAT 4625

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

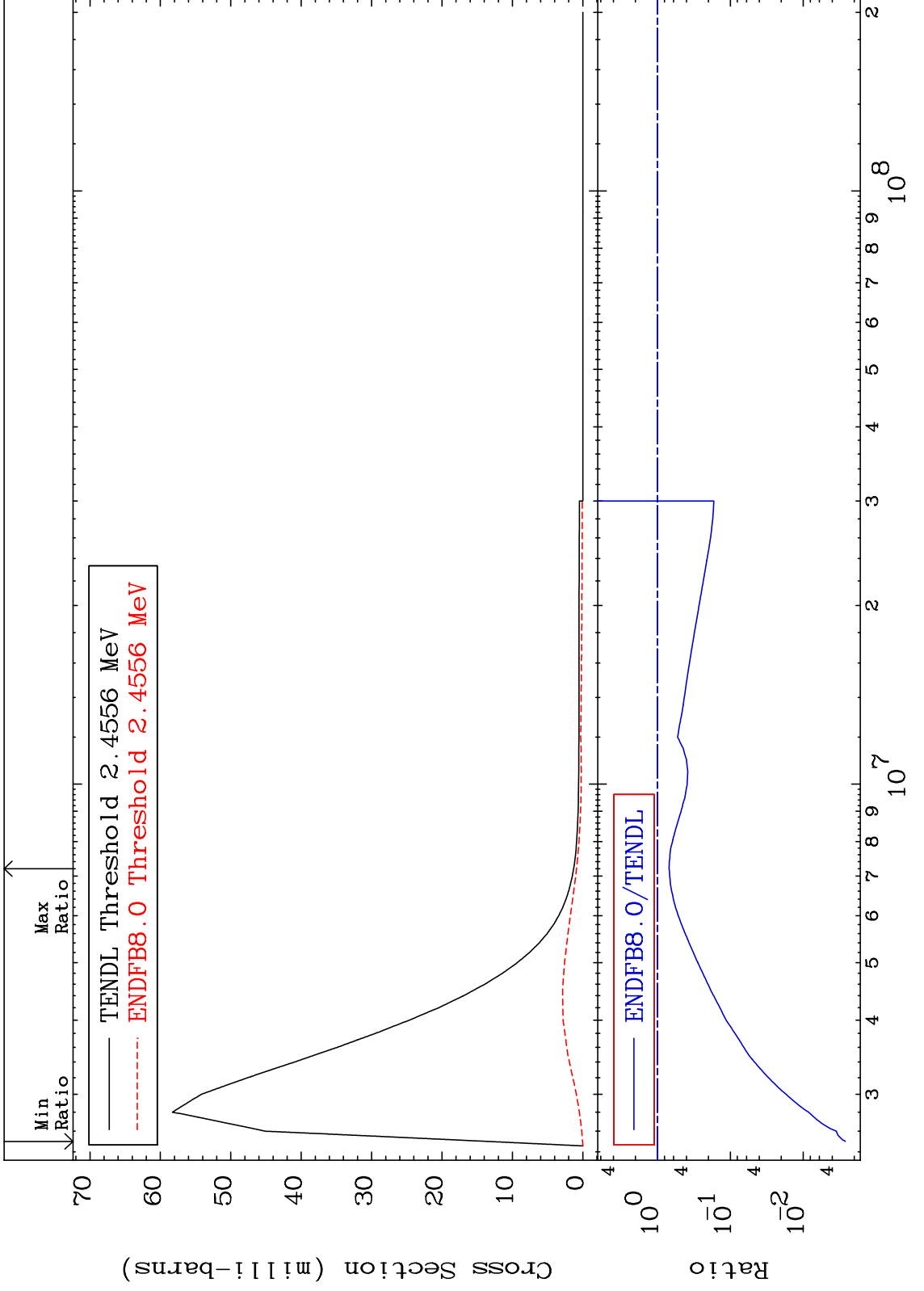
46-Pd-102
-15.32 To 9999. %



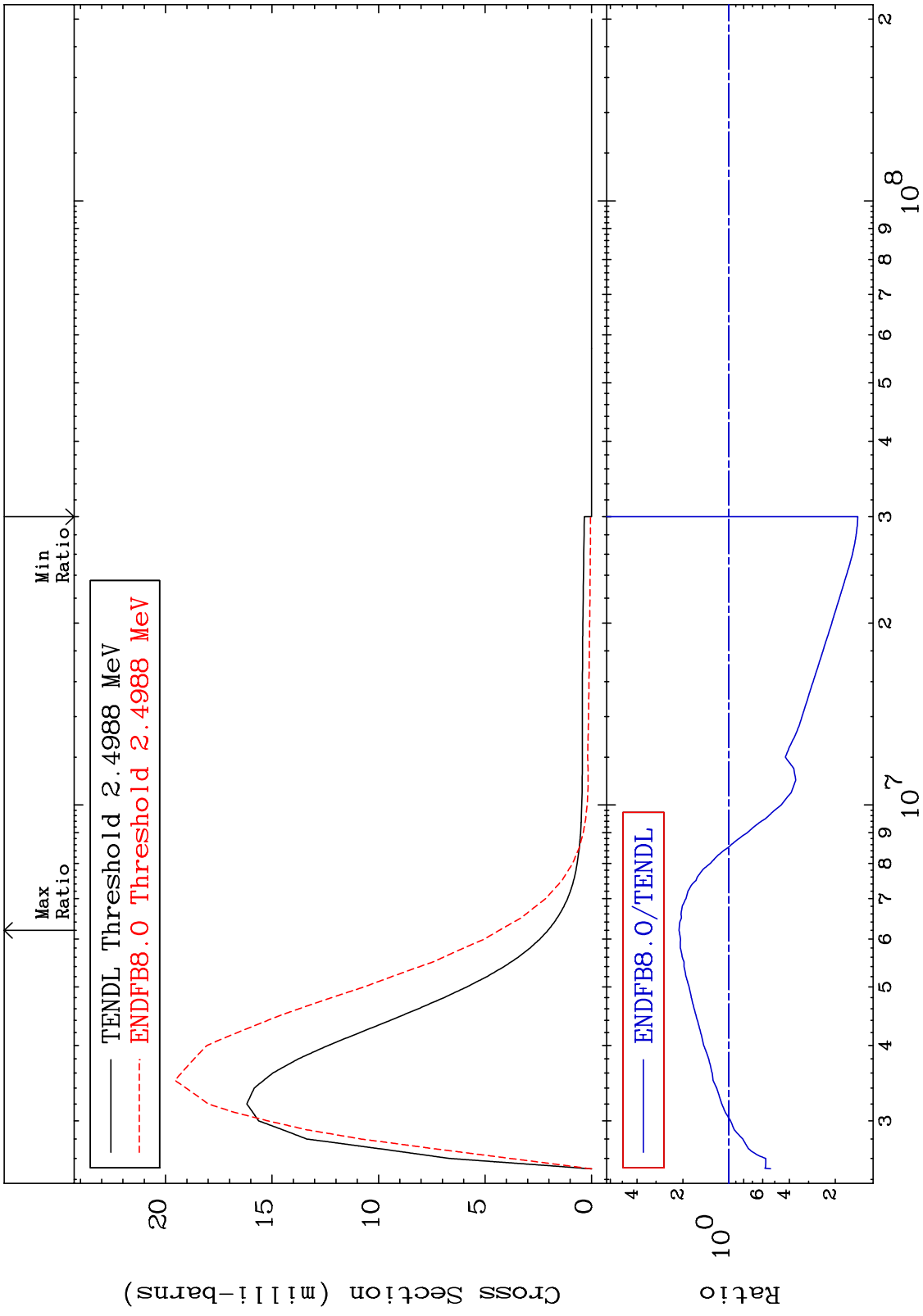
MAT 4625

MT= 67 (n,n') Level
Cross Section

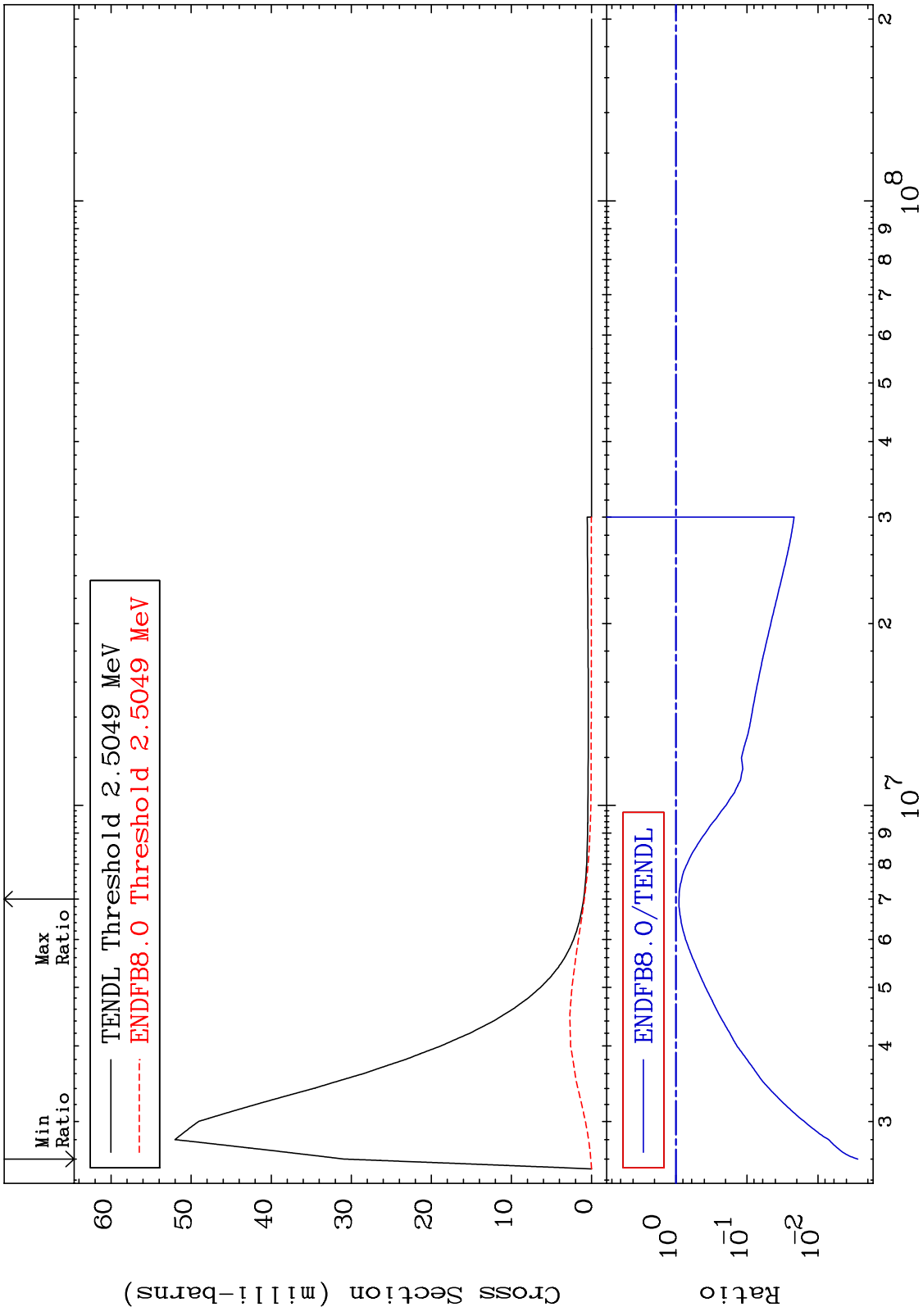
46-Pd-102
-99.73 To -30.88%



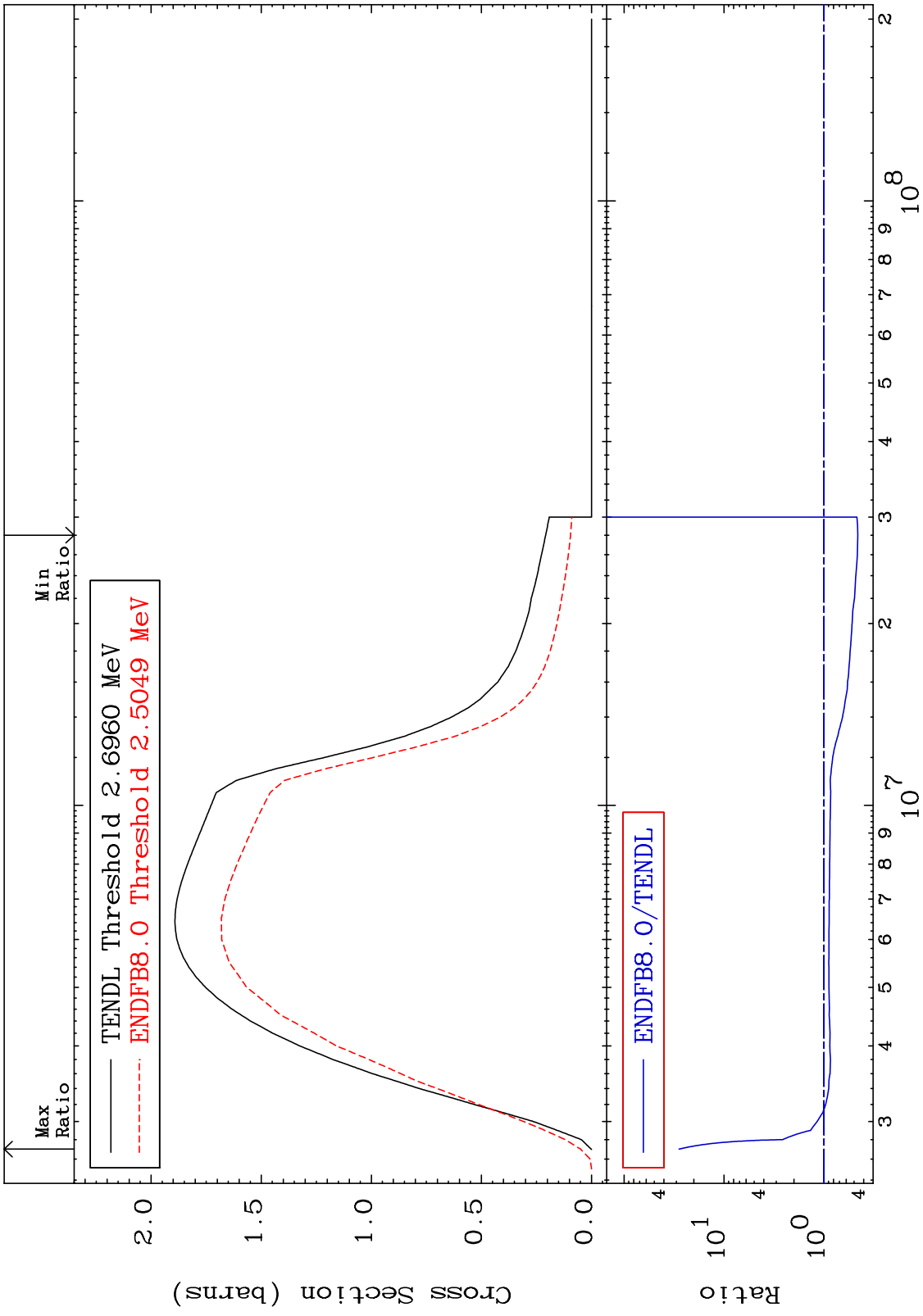
MAT 4625 MT= 68 (n,n') Level Cross Section 46-Pd-102
 -85.77 To 112.2 %



MAT 4625 MT= 69 (n,n') Level Cross Section 46-Pd-102 -99.72 To -9.521%



MAT 4625 (n,n') Continuum Cross Section 46-Pd-102 -54.20 To 2719. %



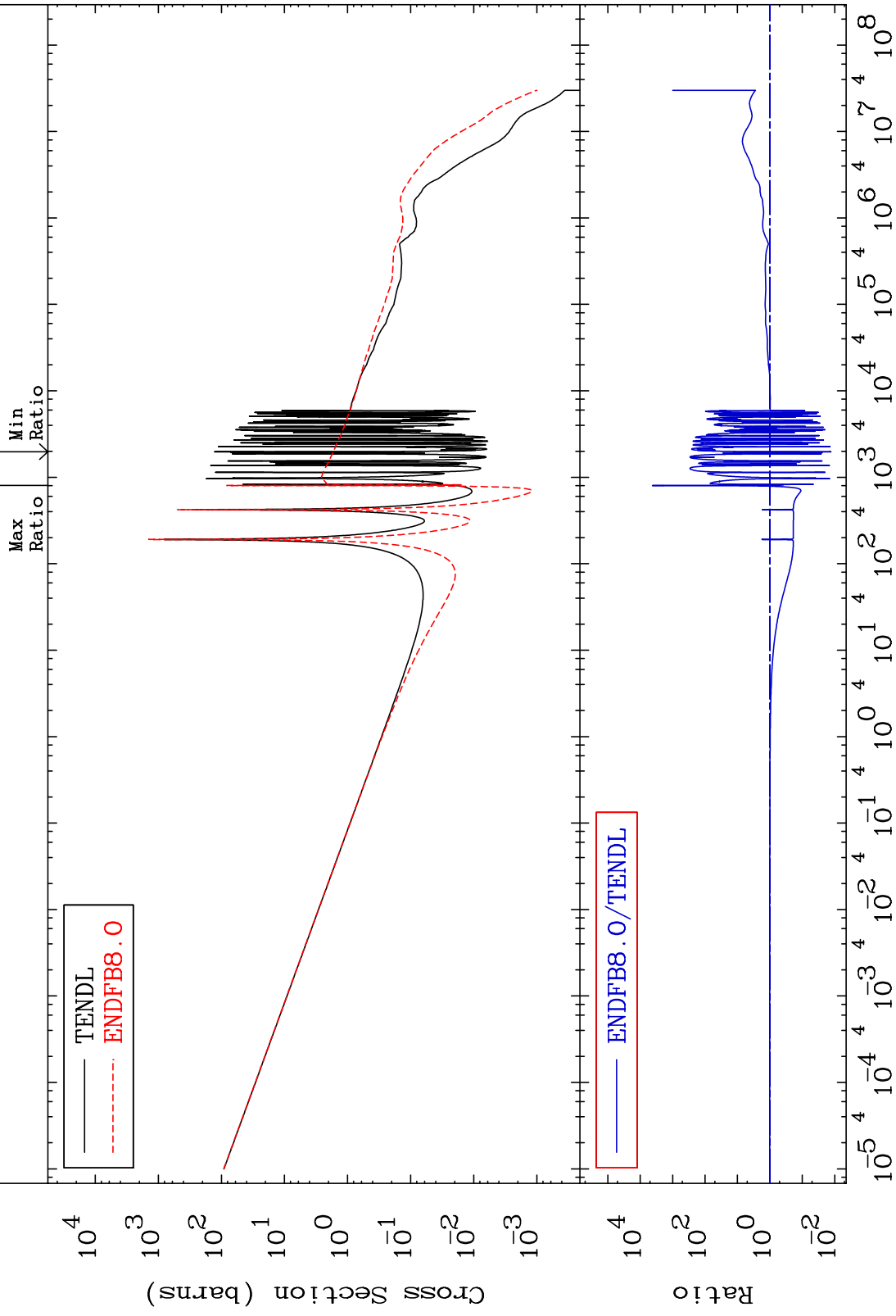
MAT 4625

(n, γ)

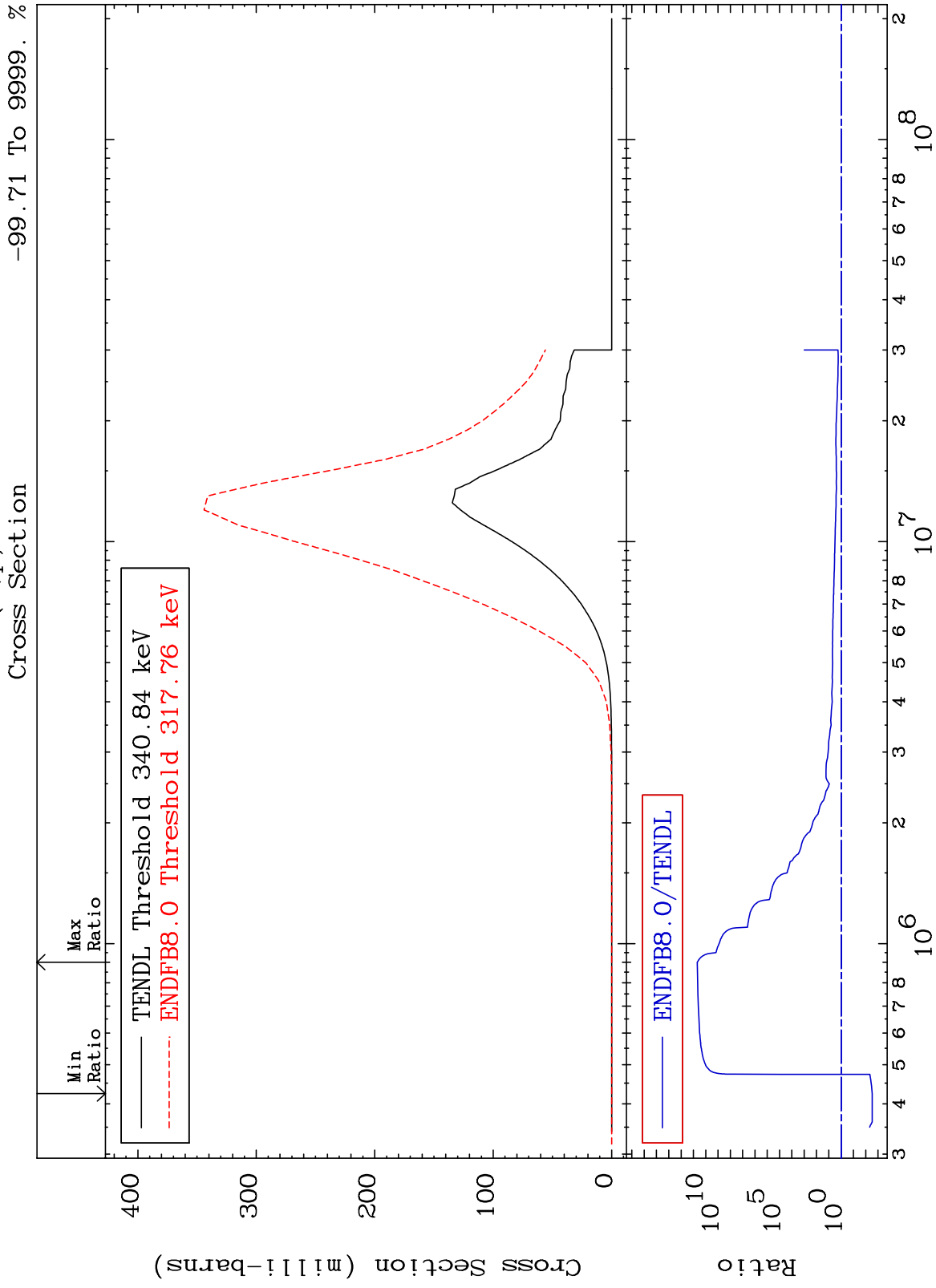
46-Pd-102

-98.69 To 9999. %

Cross Section



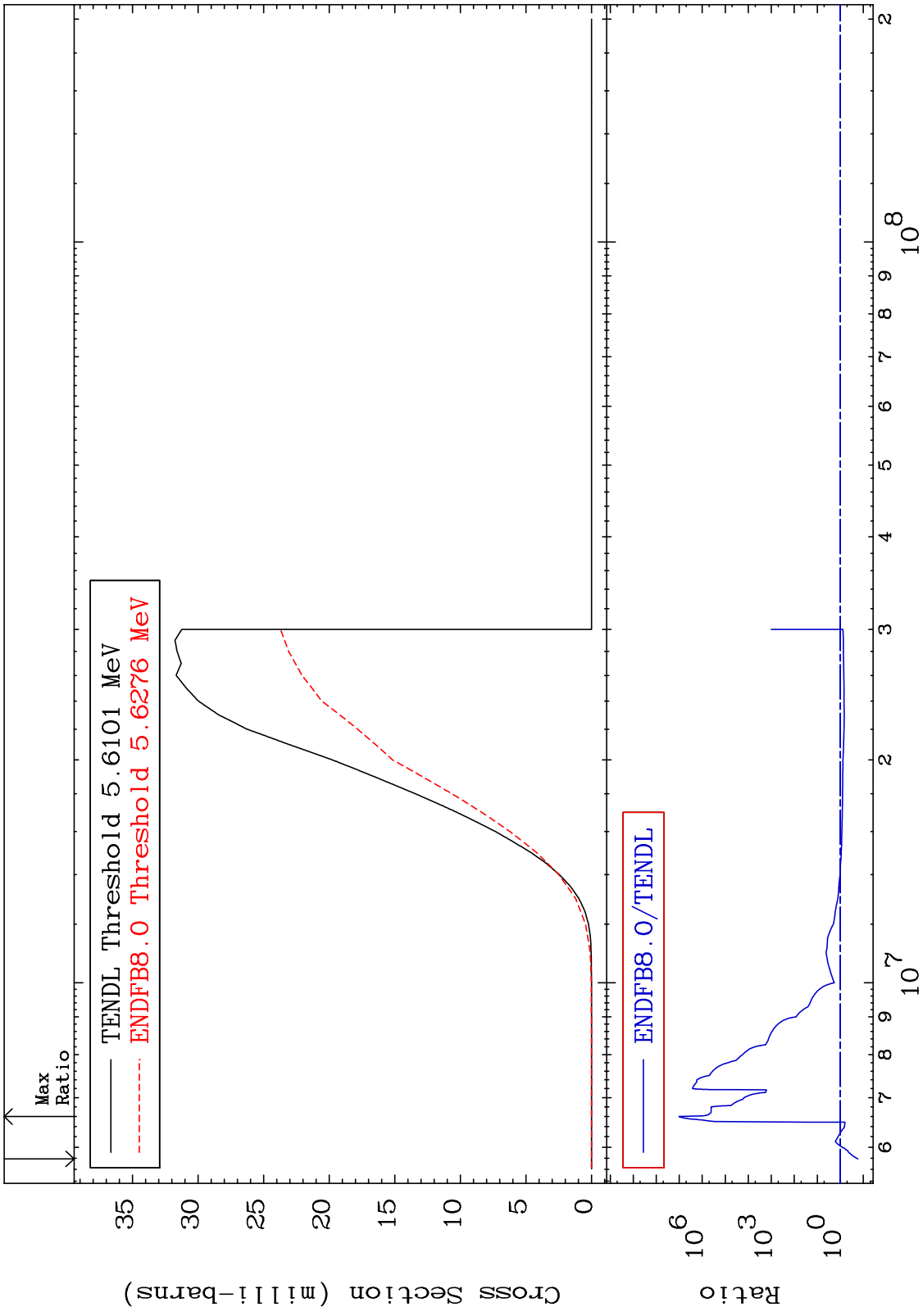
MAT 4625 (n,p) 46-Pd-102 -99.71 To 9999. %



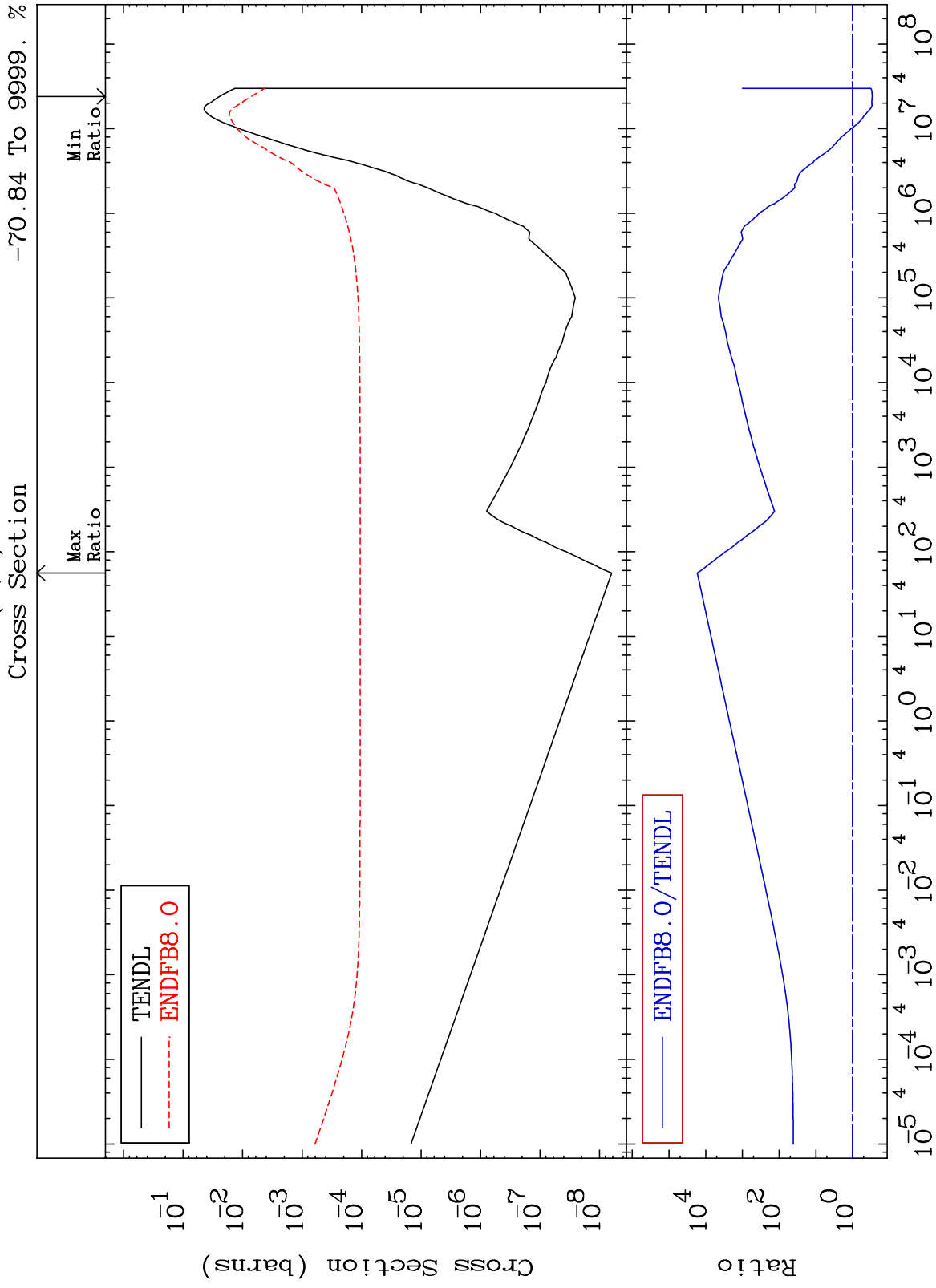
46-Pd-102

Incident Energy (eV)

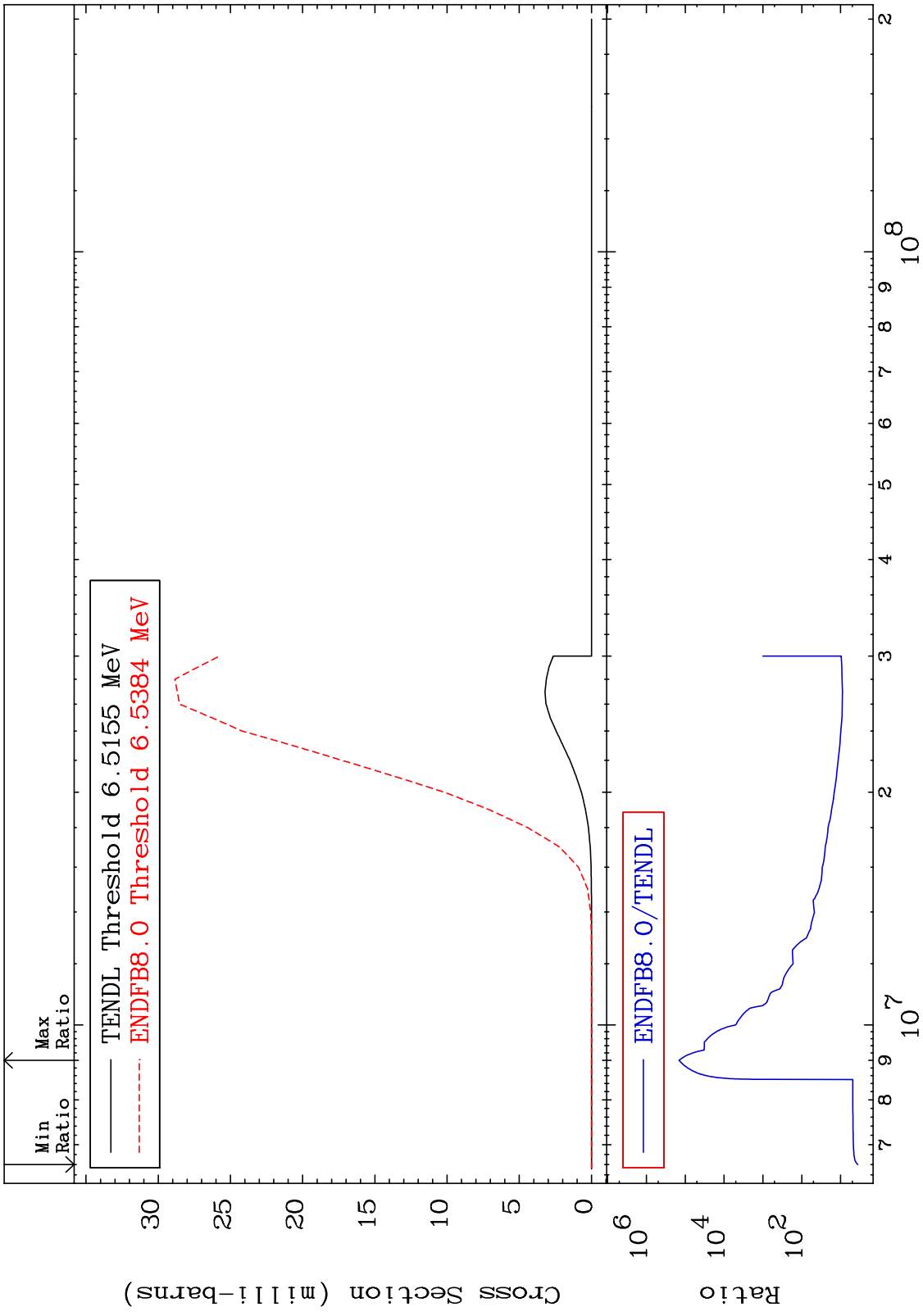
MAT 4625 (n,d) 46-Pd-102
 Cross Section -82.82 To 9999. %



MAT 4625 $^{46}\text{Pd-102}$ (n, α) $^{46}\text{Pd-102}$
-70.84 To 9999. %



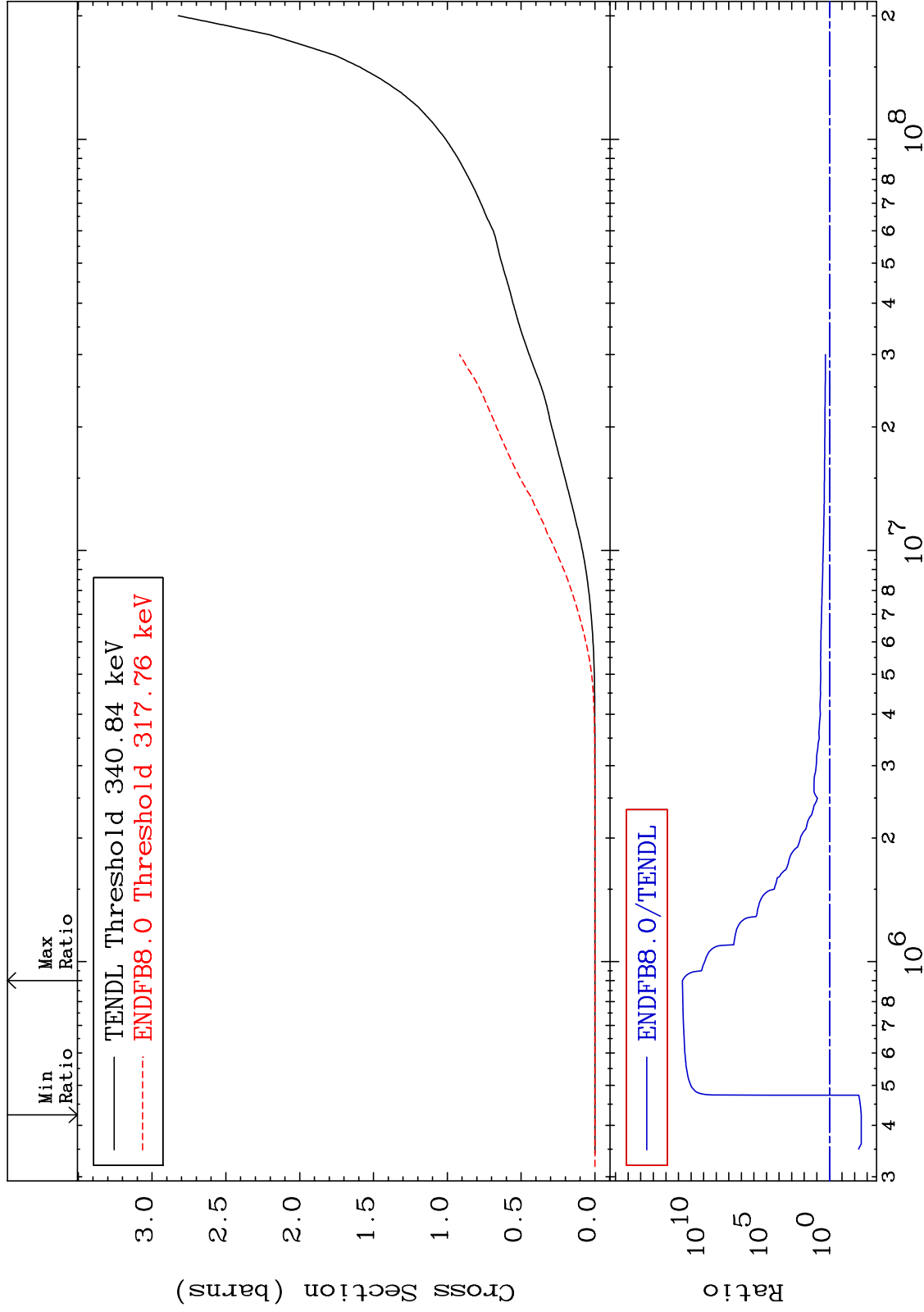
MAT 4625 (n,2p) Cross Section 46-Pd-102 259.4 To 9999. %



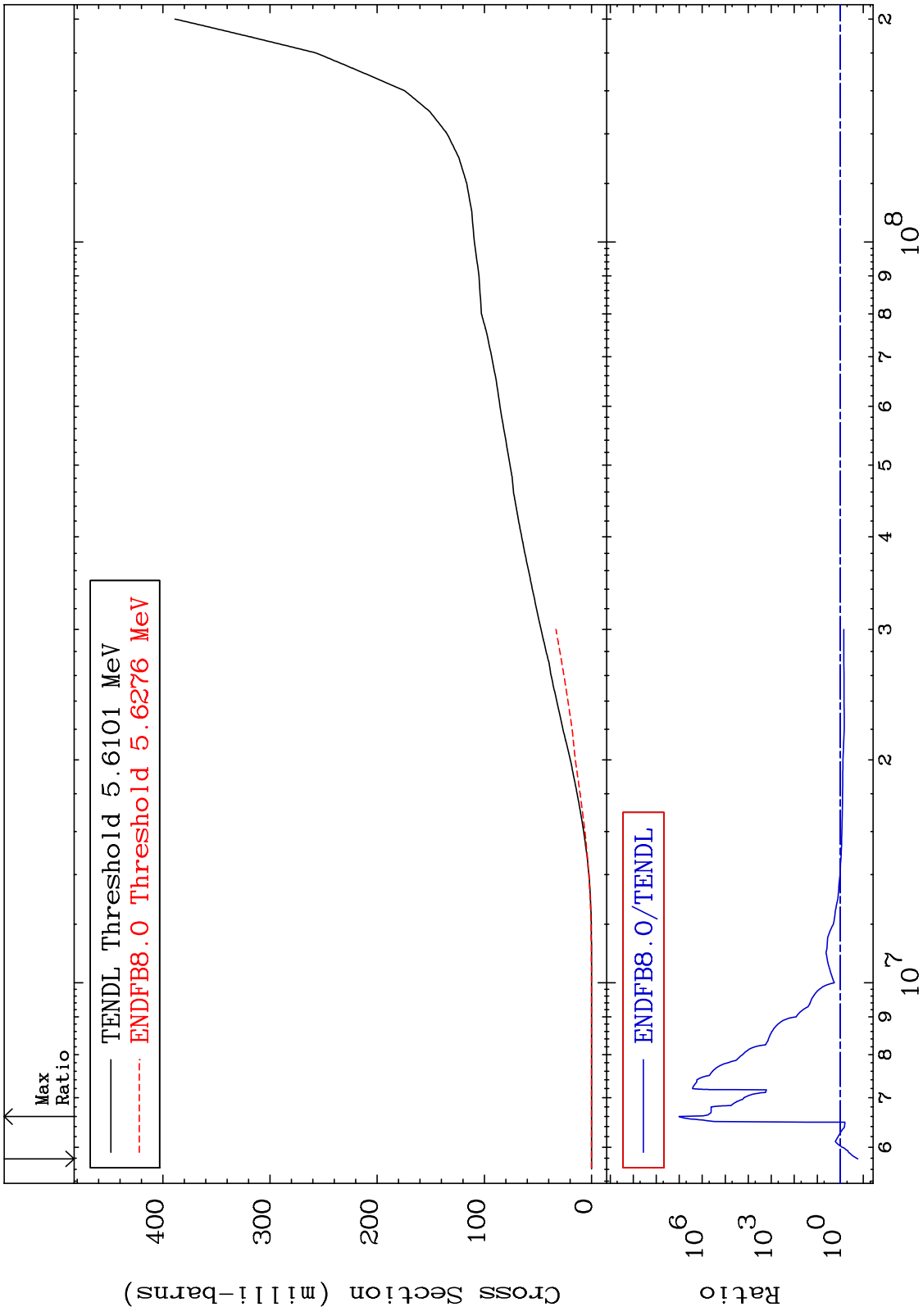
MAT 4625

Hydrogen Production
Cross Section

46-Pd-102
-99.71 To 9999. %



MAT 4625 Deuterium Production Cross Section 46-Pd-102 -82.82 To 9999. %

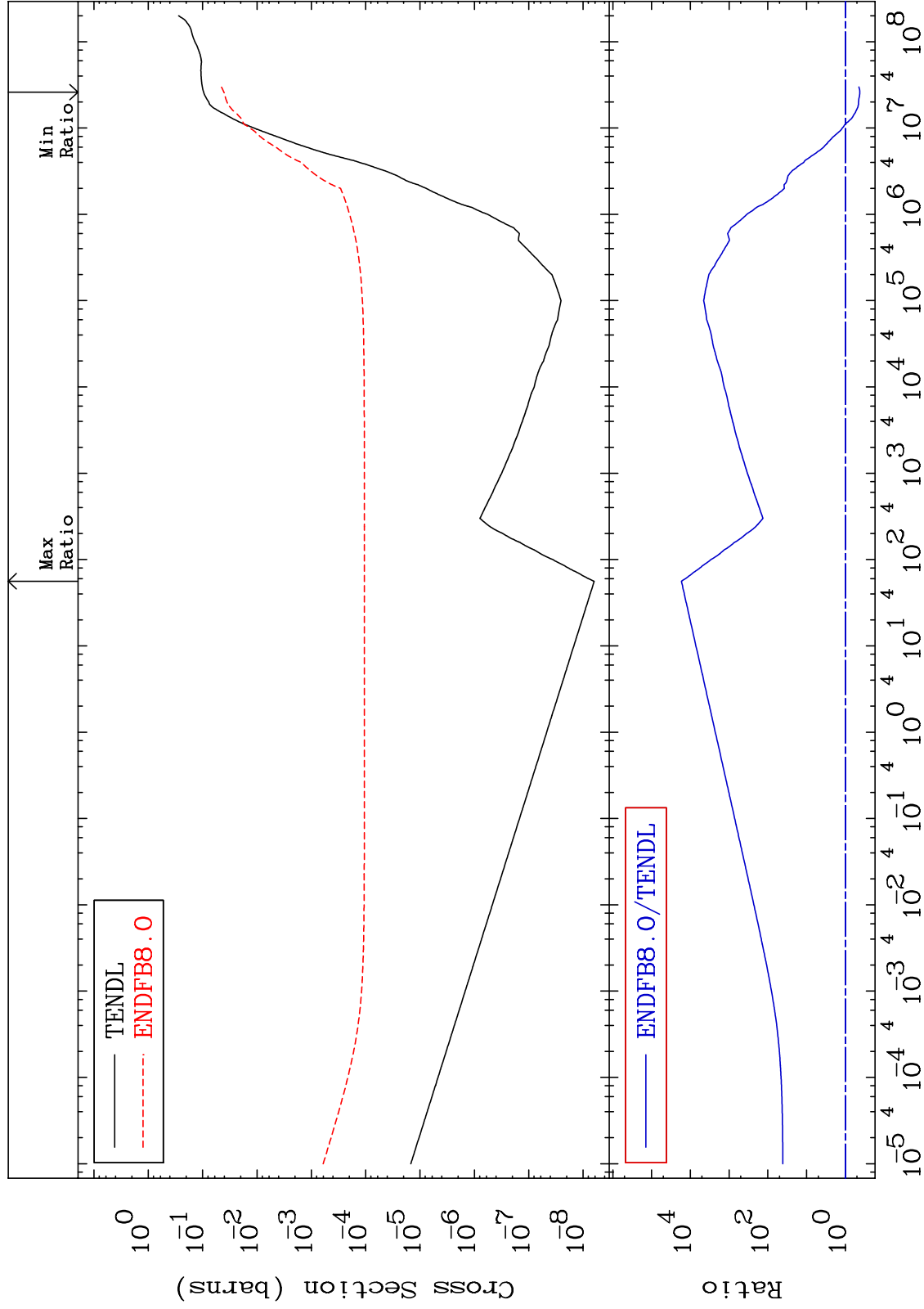


38 46-Pd-102 Incident Energy (eV)

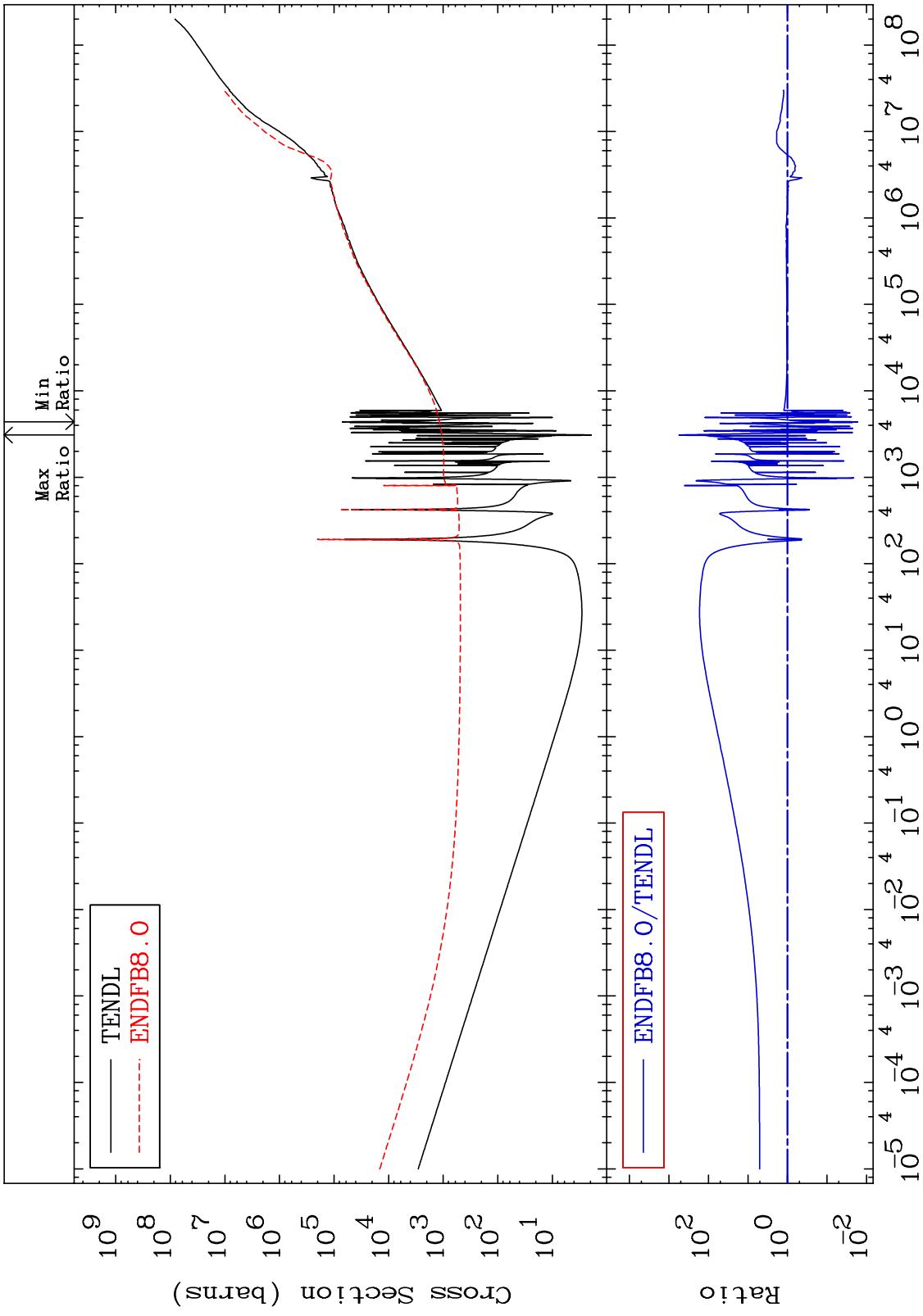
MAT 4625

He-4 Production
Cross Section

46-Pd-102
-57.63 To 9999. %

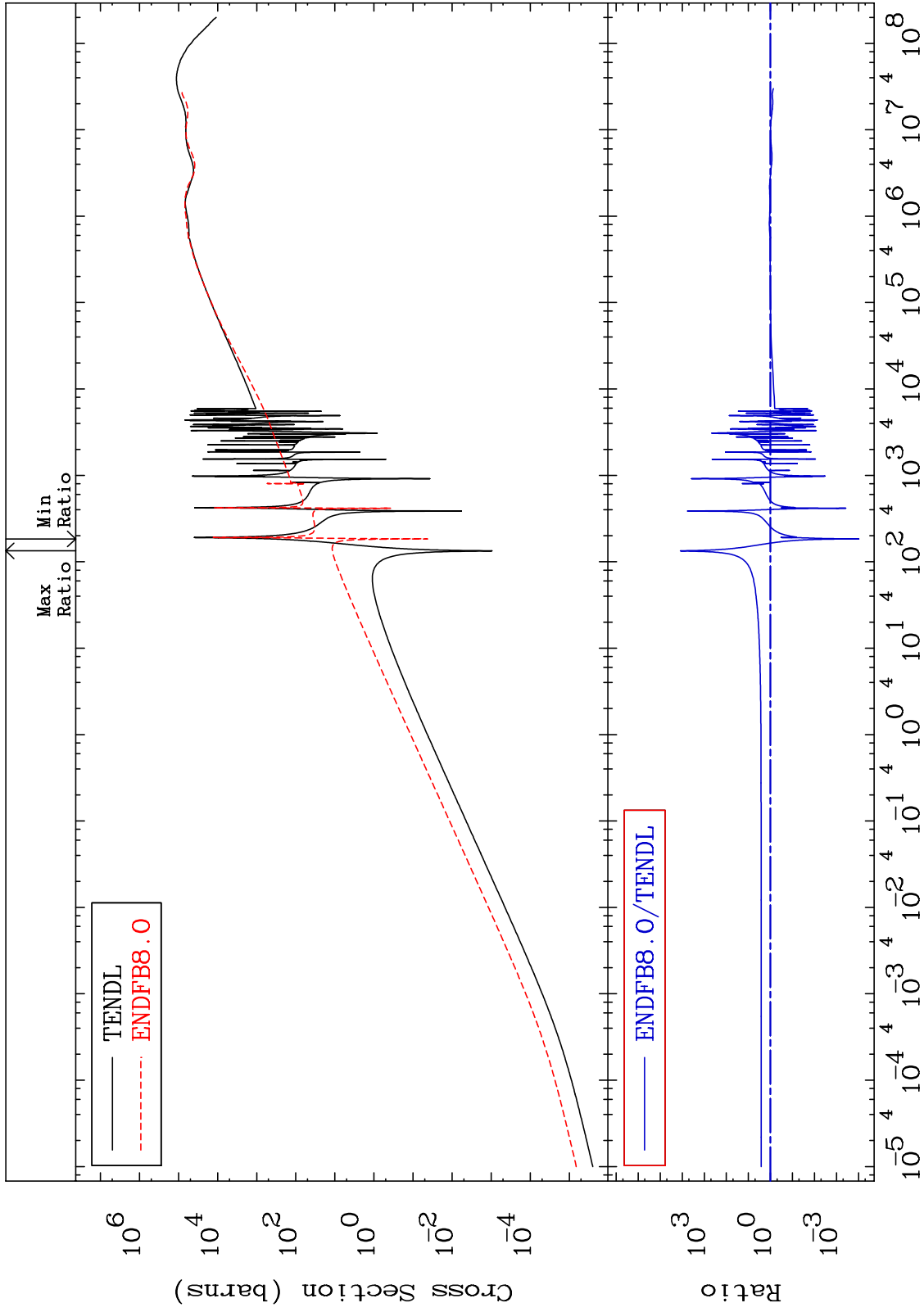


MAT 4625 Kerma total (eV-barns)
Cross Section 46-Pd-102
-98.35 To 9999. %



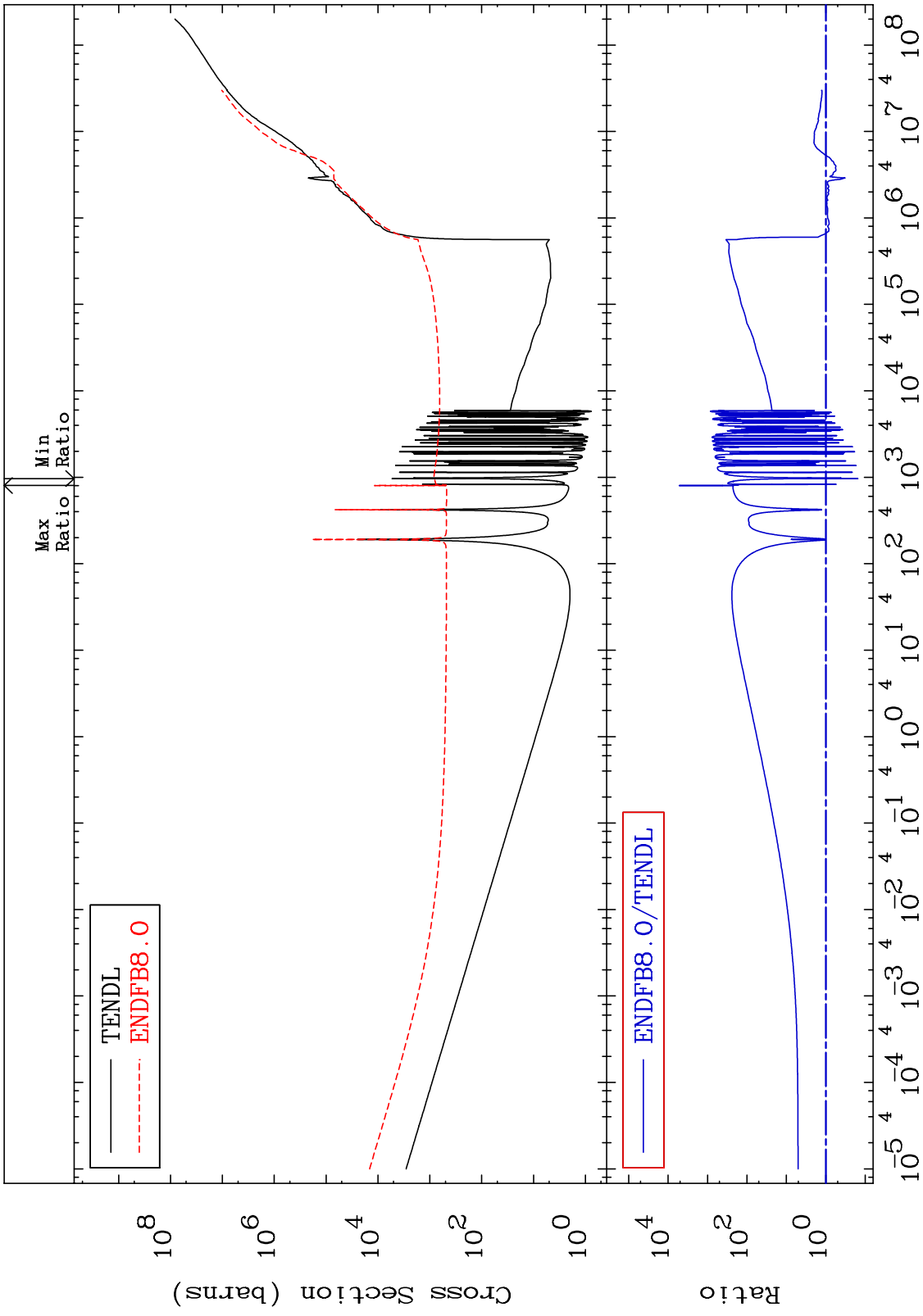
MAT 4625 46-Pd-102 -99.99 To 9999. %

Kerma elastic Cross Section

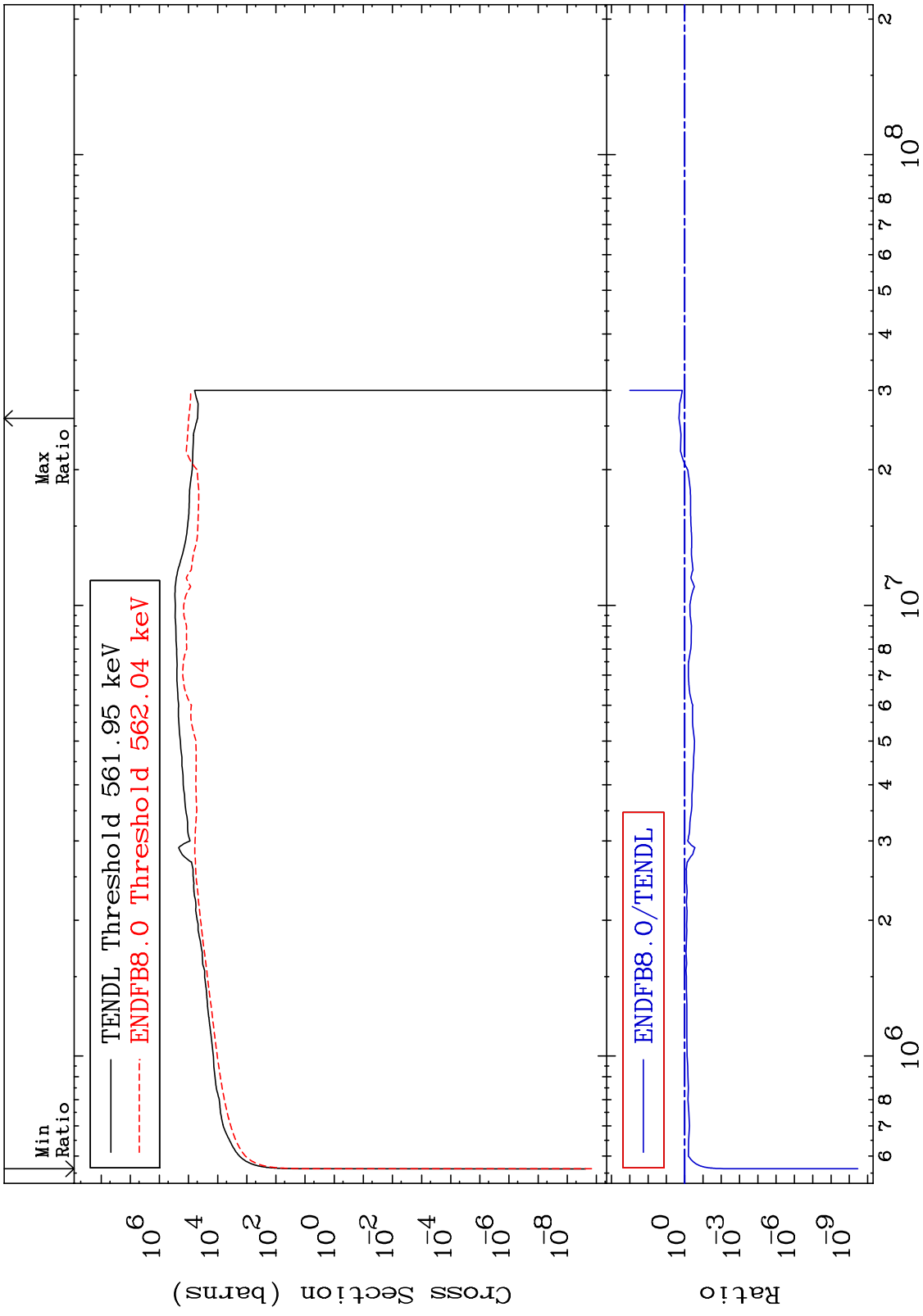


41 46-Pd-102

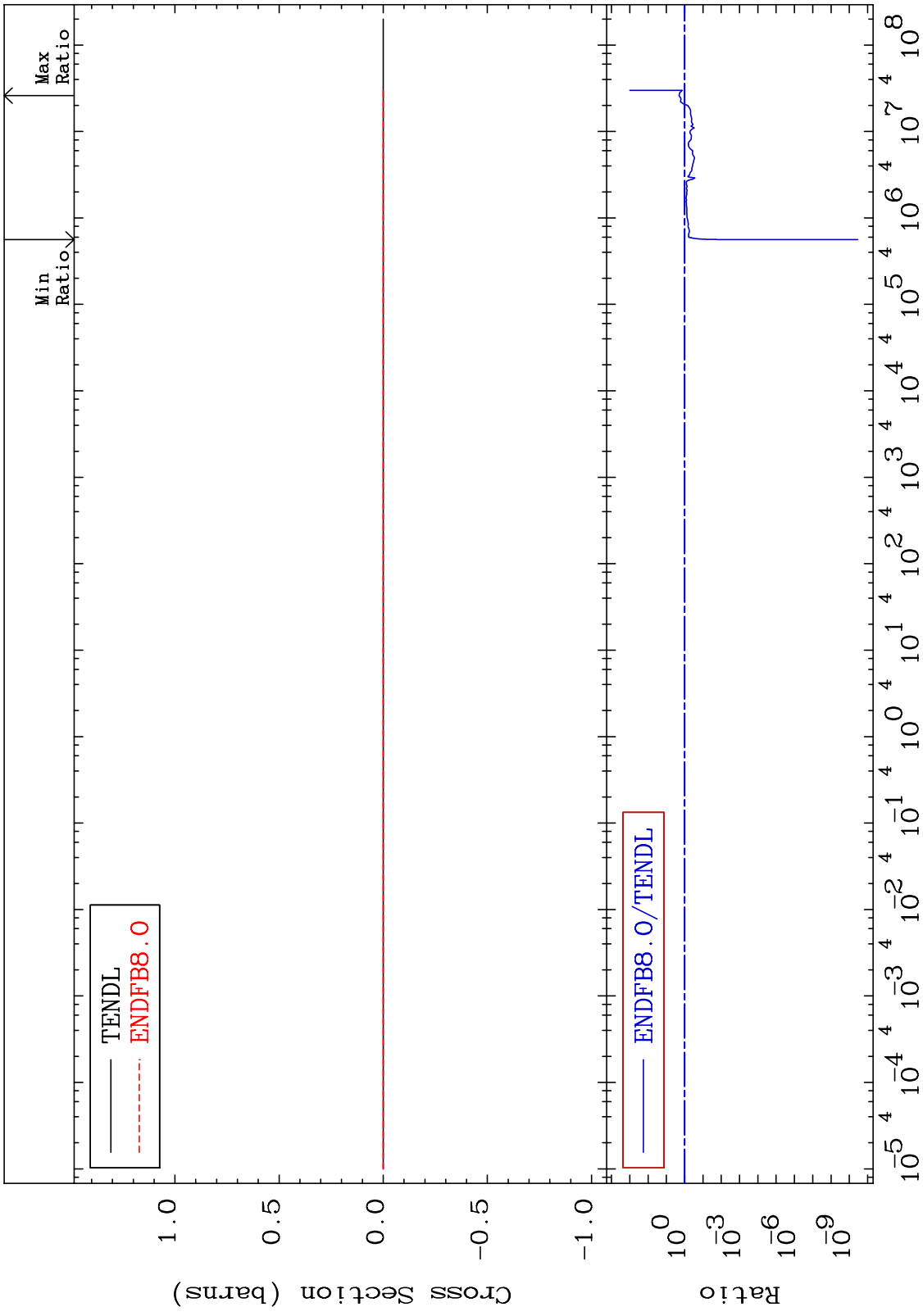
MAT 4625 Kerma non-elastic (all but mt2) 46-Pd-102
 Cross Section -84.61 To 9999. %



MAT 4625 Kerma inelastic (mt51-91) 46-Pd-102
 -100.0 To 102.3 %



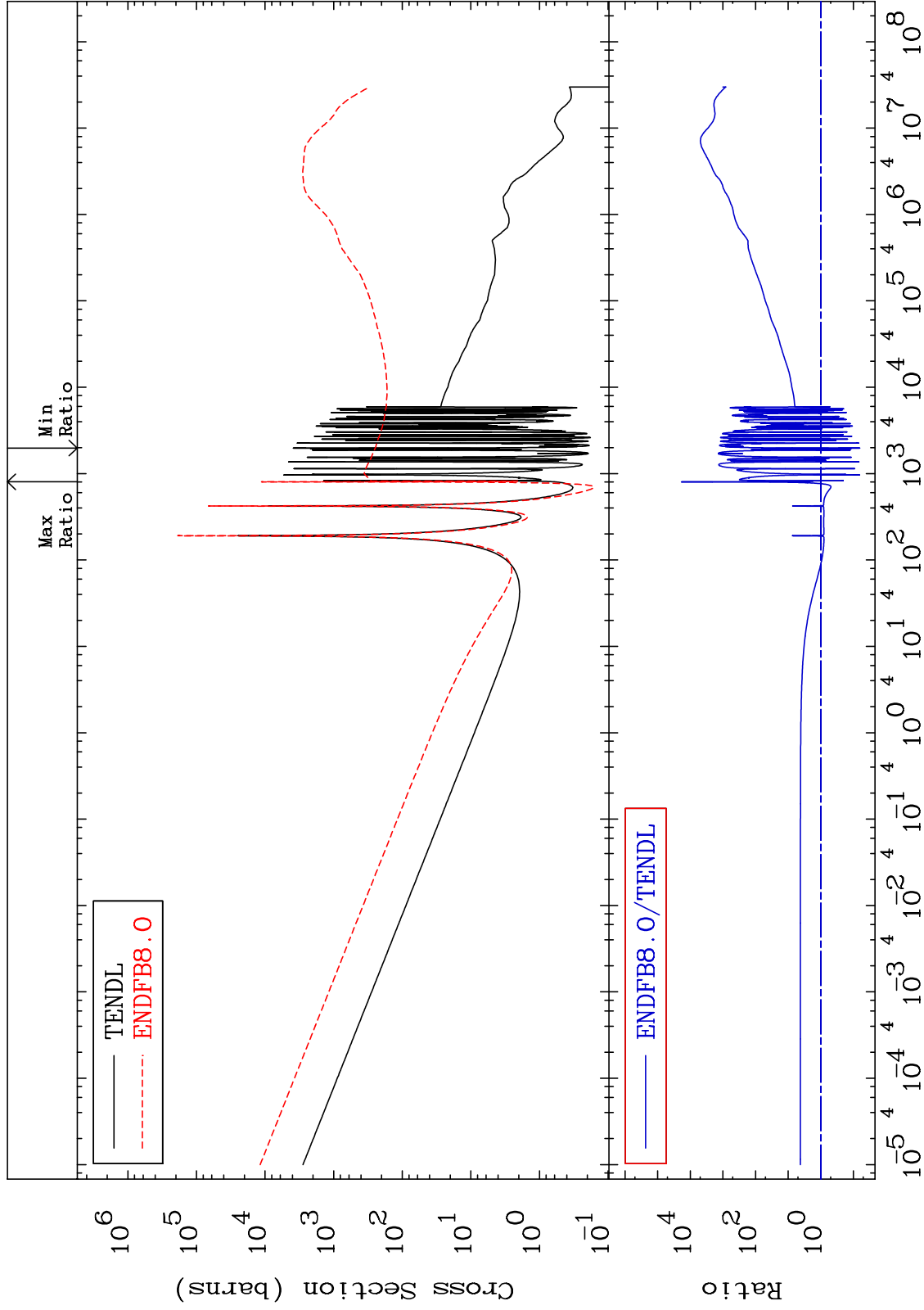
MAT 4625 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-102
 Cross Section -100.0 To 102.3 %



MAT 4625

Kerma capture (mt102)
Cross Section

46-Pd-102
-93.62 To 9999. %

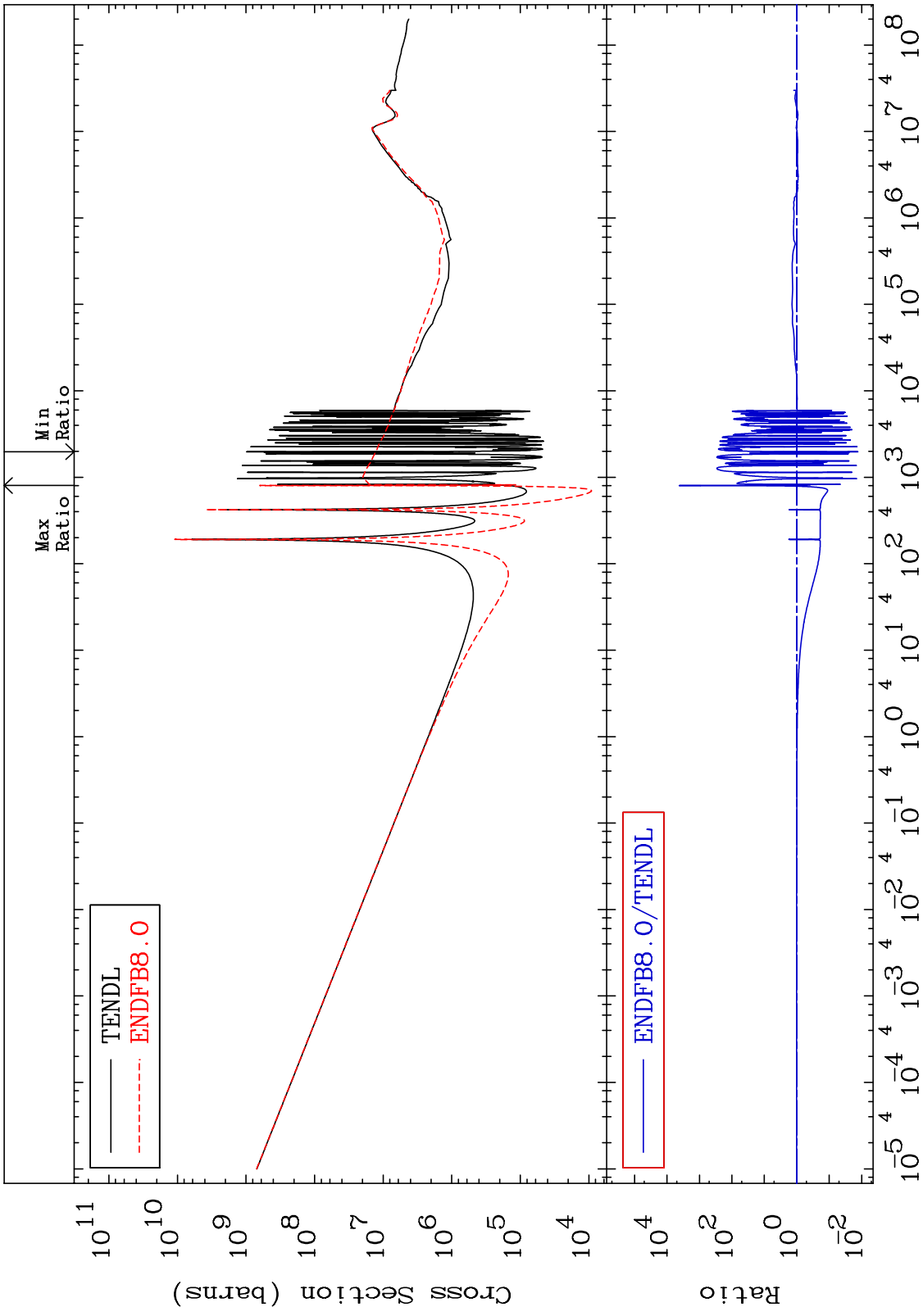


45

Incident Energy (eV)

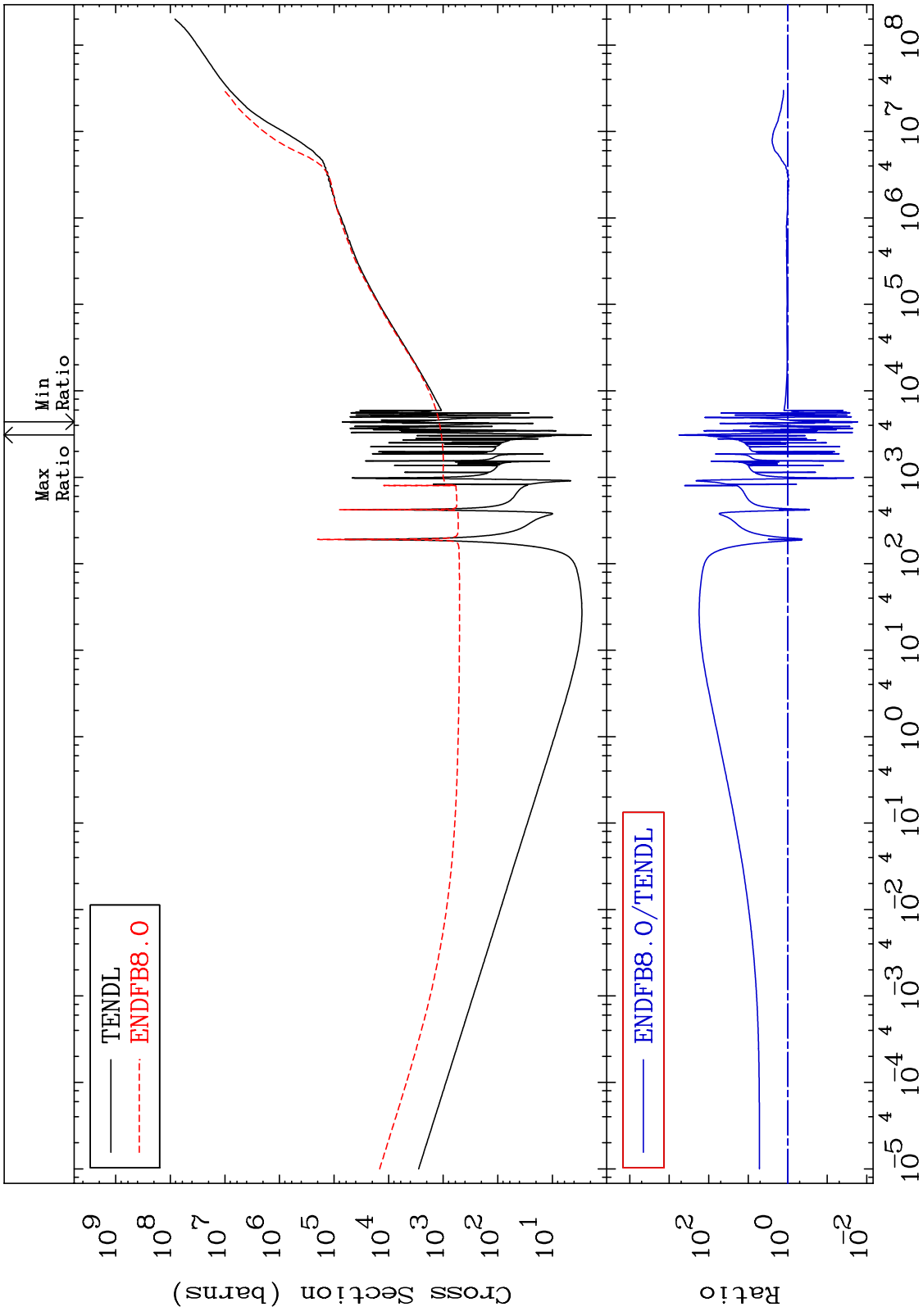
46-Pd-102

MAT 4625 Total photon (eV-barns) Cross Section 46-Pd-102
 -98.69 To 9999. %



46 Incident Energy (eV) 46-Pd-102

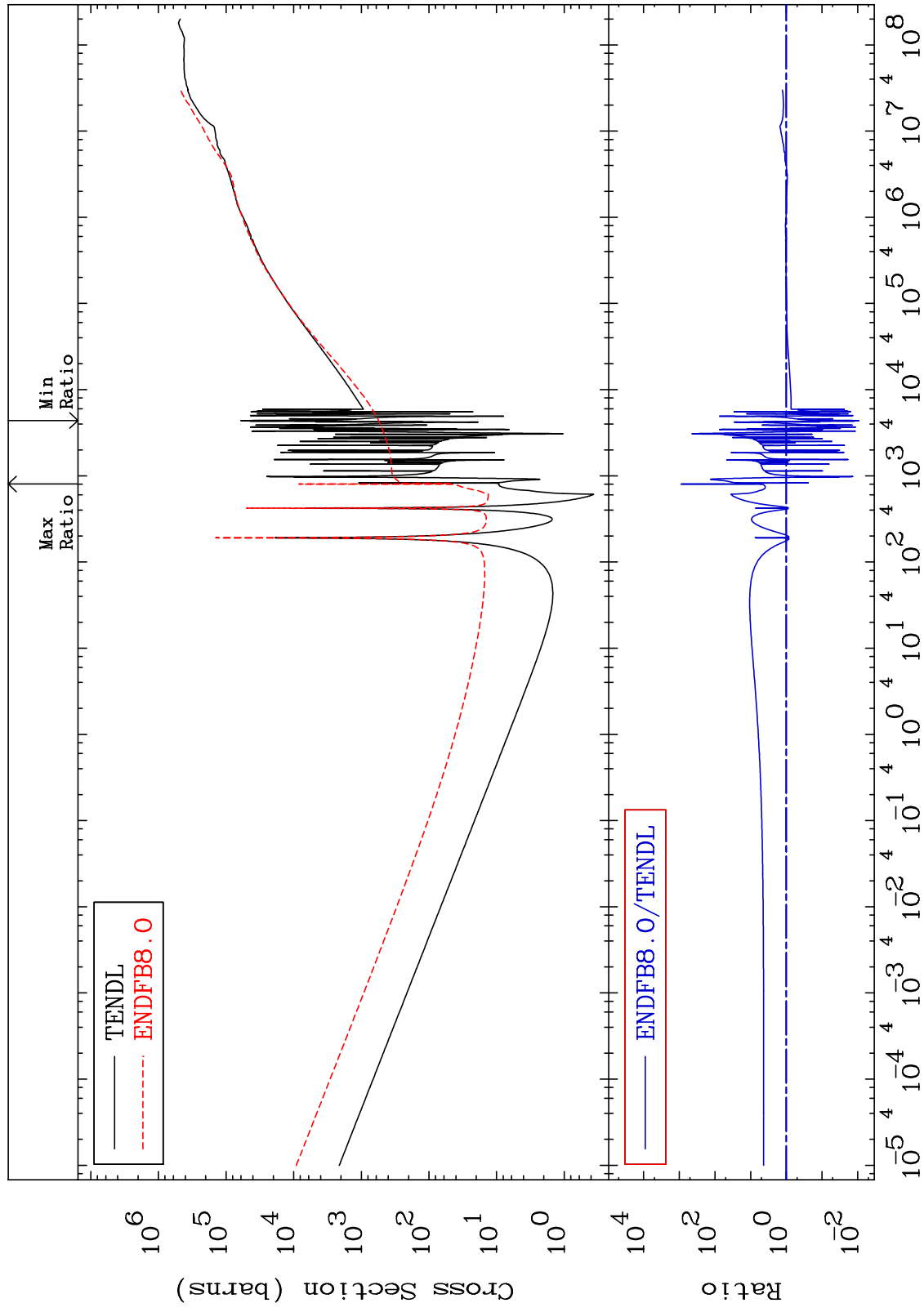
MAT 4625 Total kinematic kerma (high limit) 46-Pd-102
 Cross Section -98.32 To 9999. %



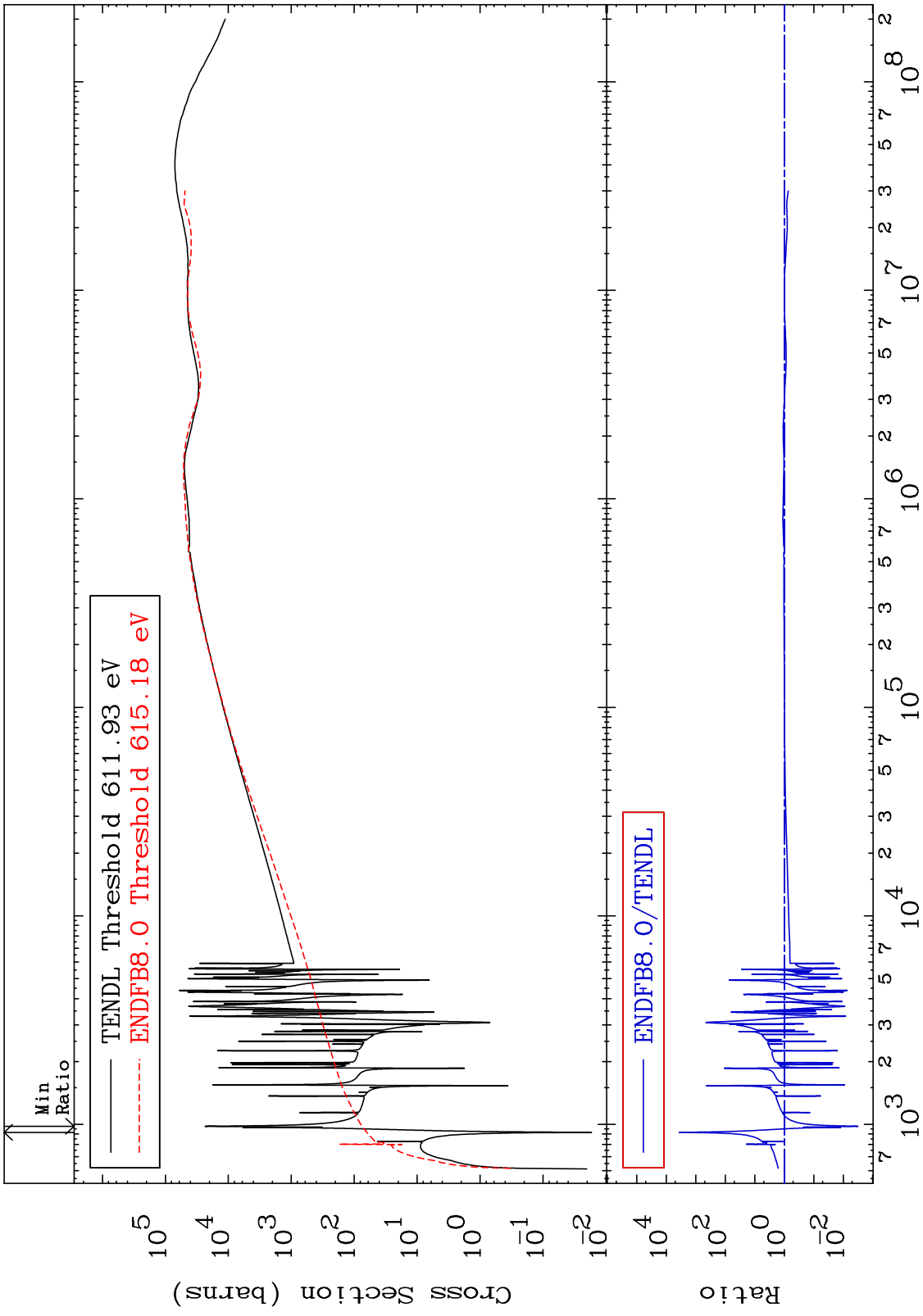
MAT 4625

Dpa total (eV-barns)
Cross Section

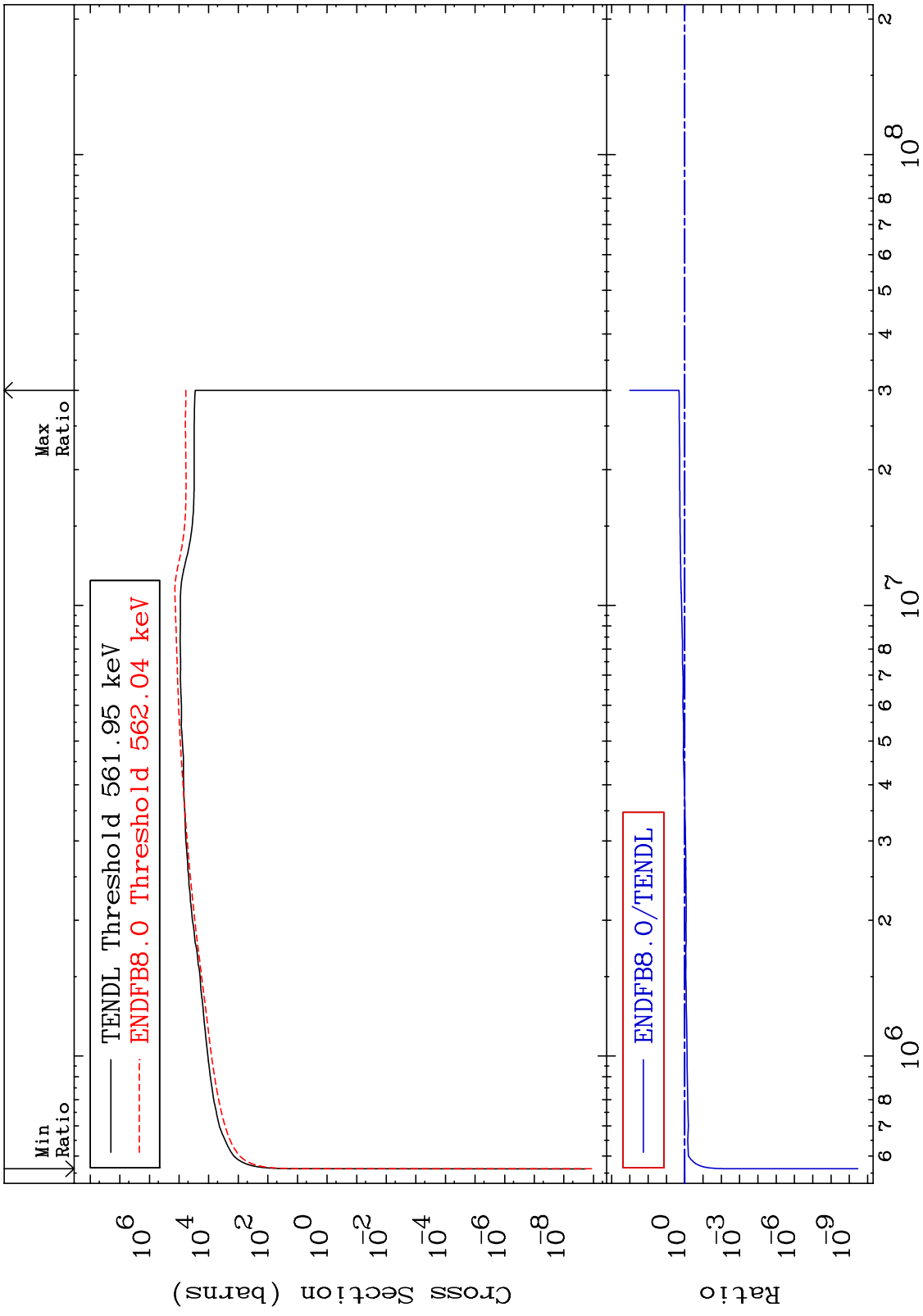
46-Pd-102
-99.08 To 9999. %



MAT 4625 Dpa elastic (mt2) 46-Pd-102
Cross Section -99.68 To 9999. %



MAT 4625 Dpa inelastic (mt51-91) 46-Pd-102
 Cross Section -100.0 To 105.1 %



MAT 4625 Dpa disappearance (mt102 -120) 46-Pd-102
 Cross Section -93.89 To 9999. %

