

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

Web: redcullen1.net/HOMEPAGE.NEW

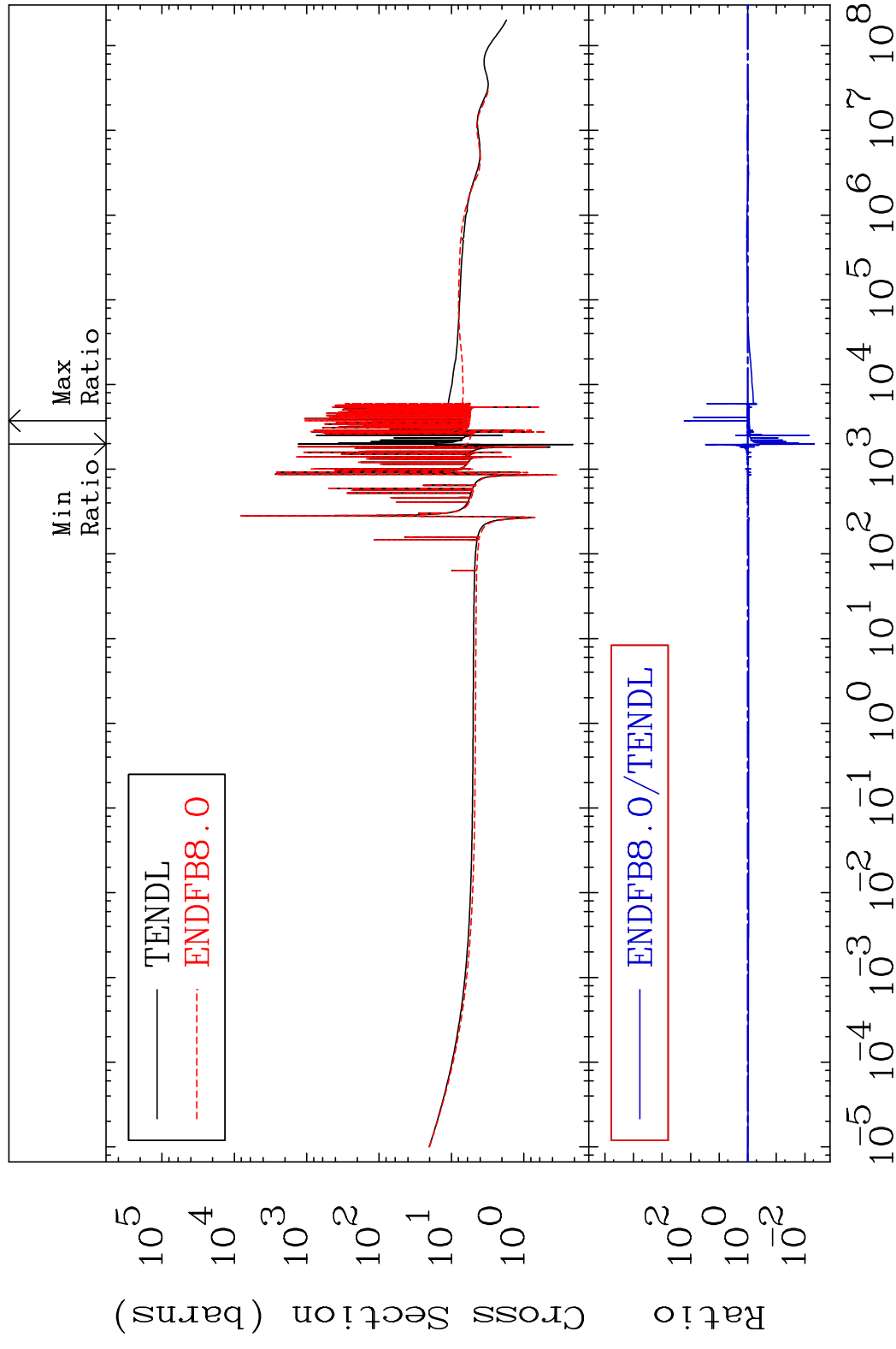
Press Mouse Button to Start

MAT 4637

Total

46-Pd-106

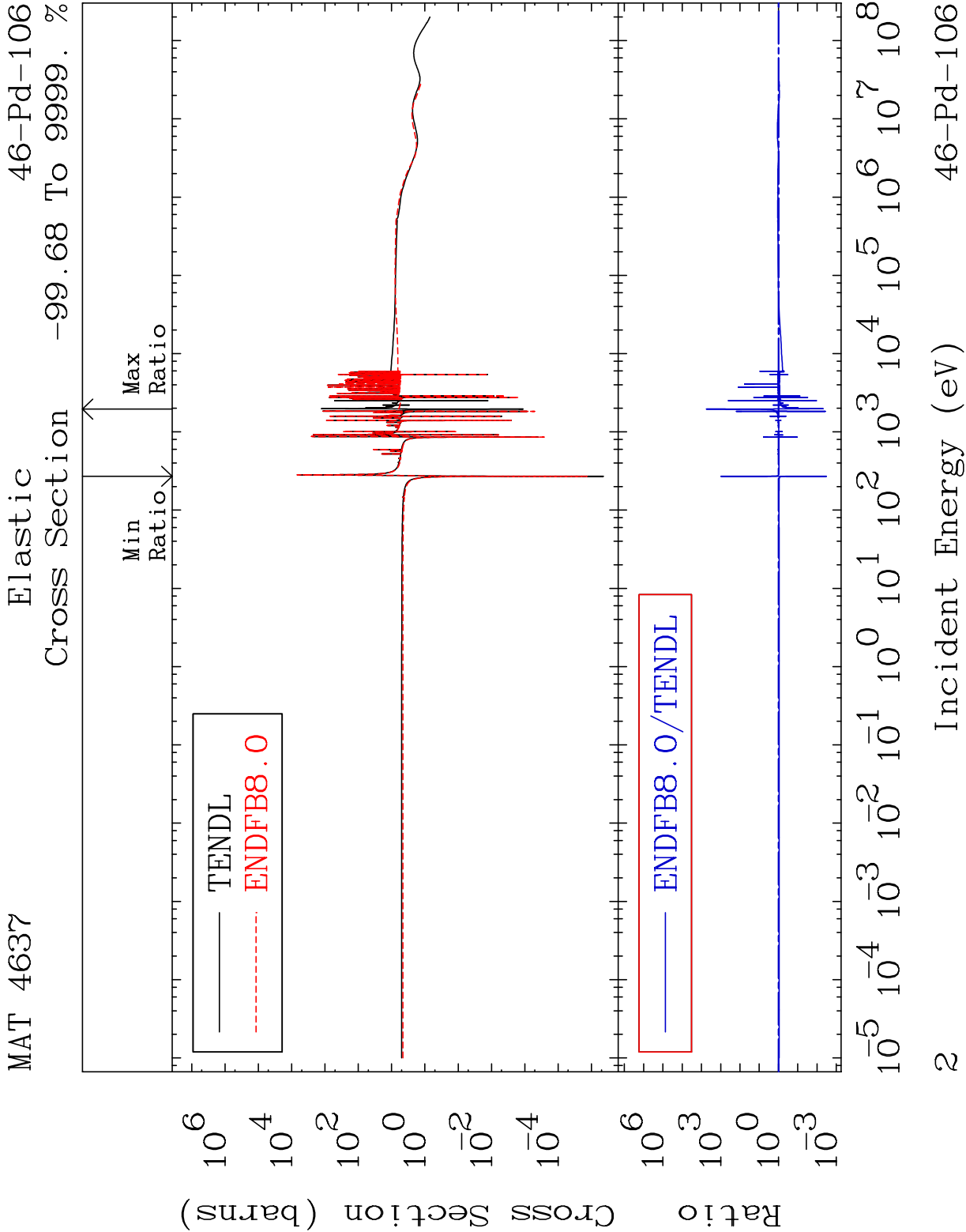
Cross Section -99.53 To 9999. %



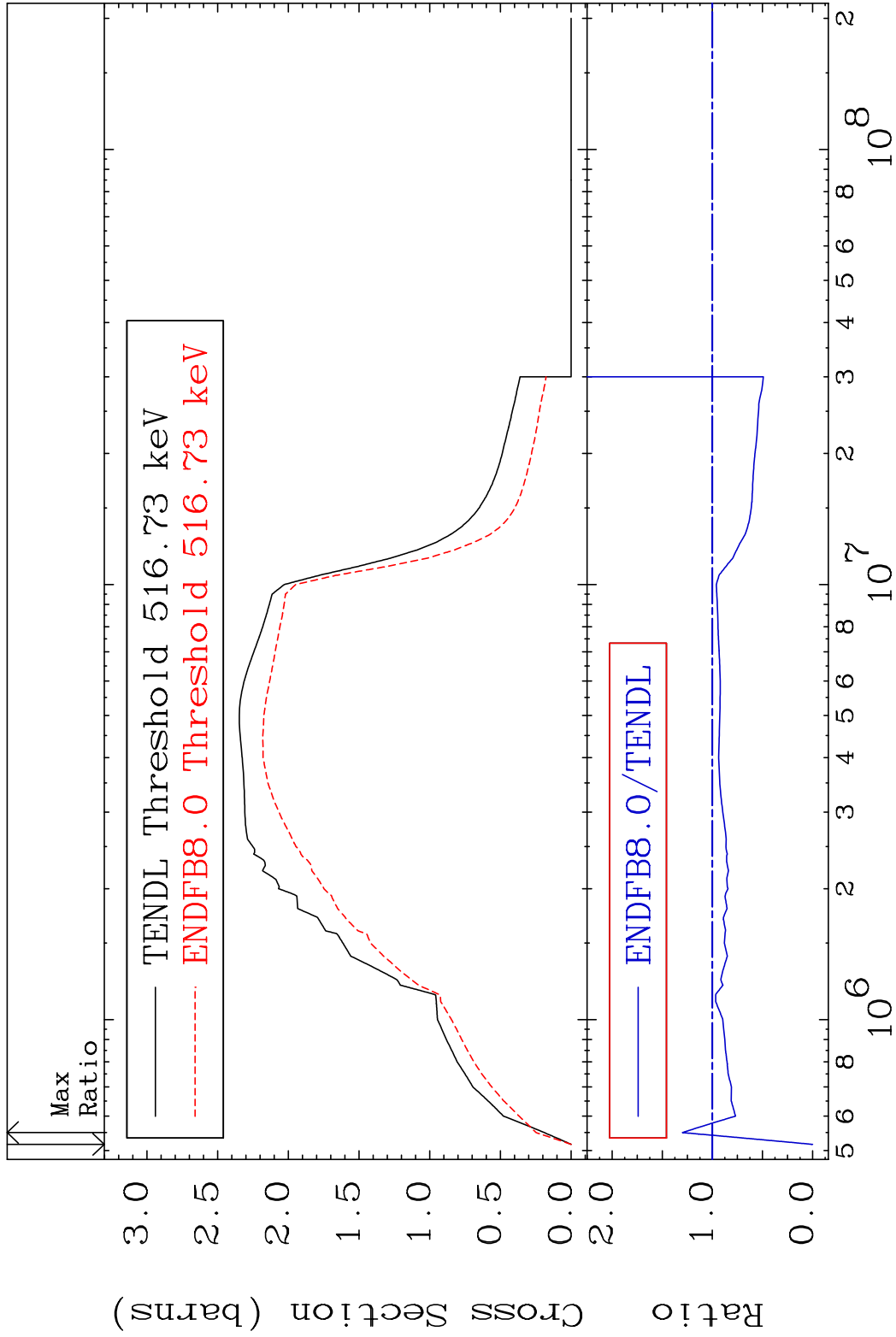
1

Incident Energy (eV)

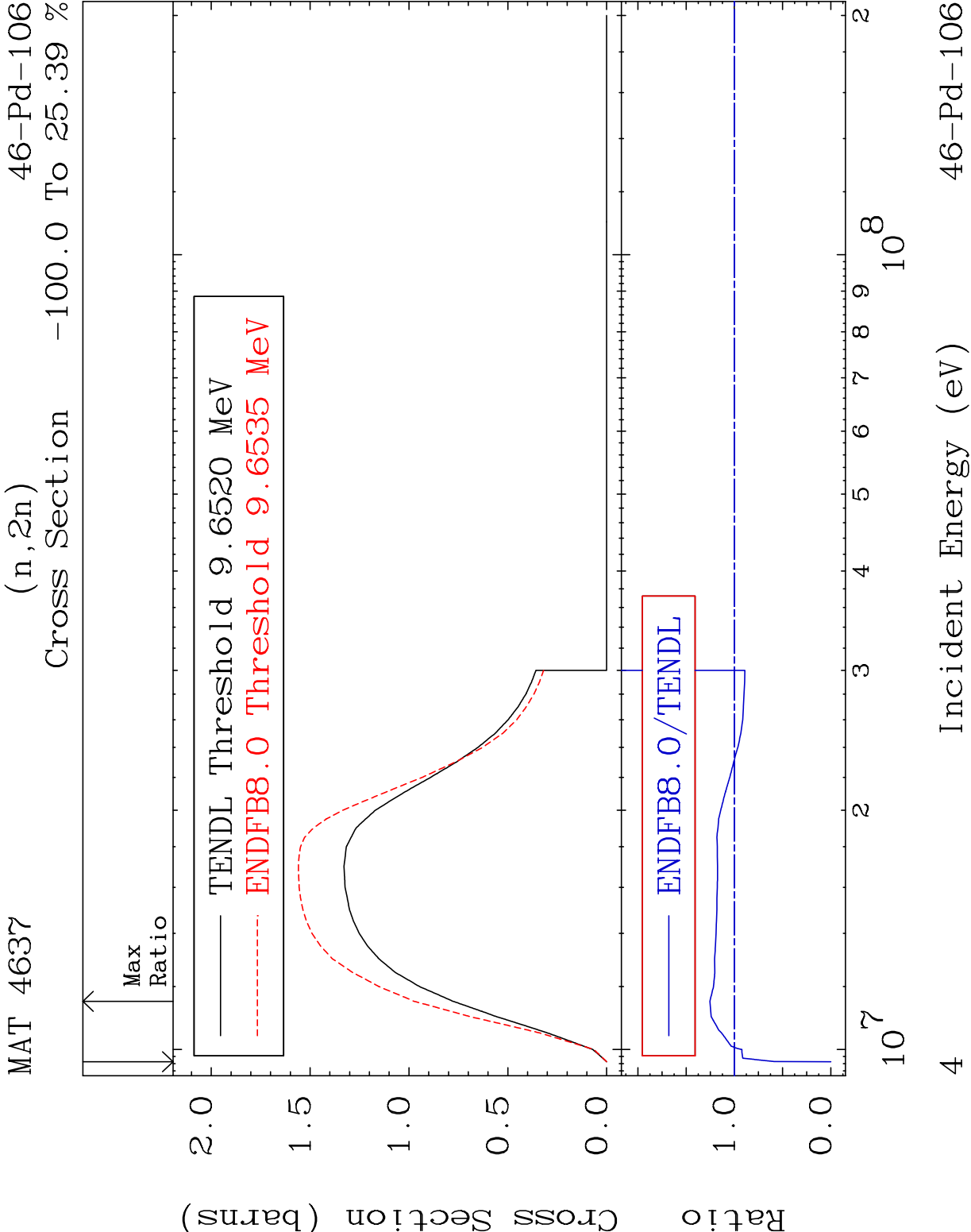
46-Pd-106

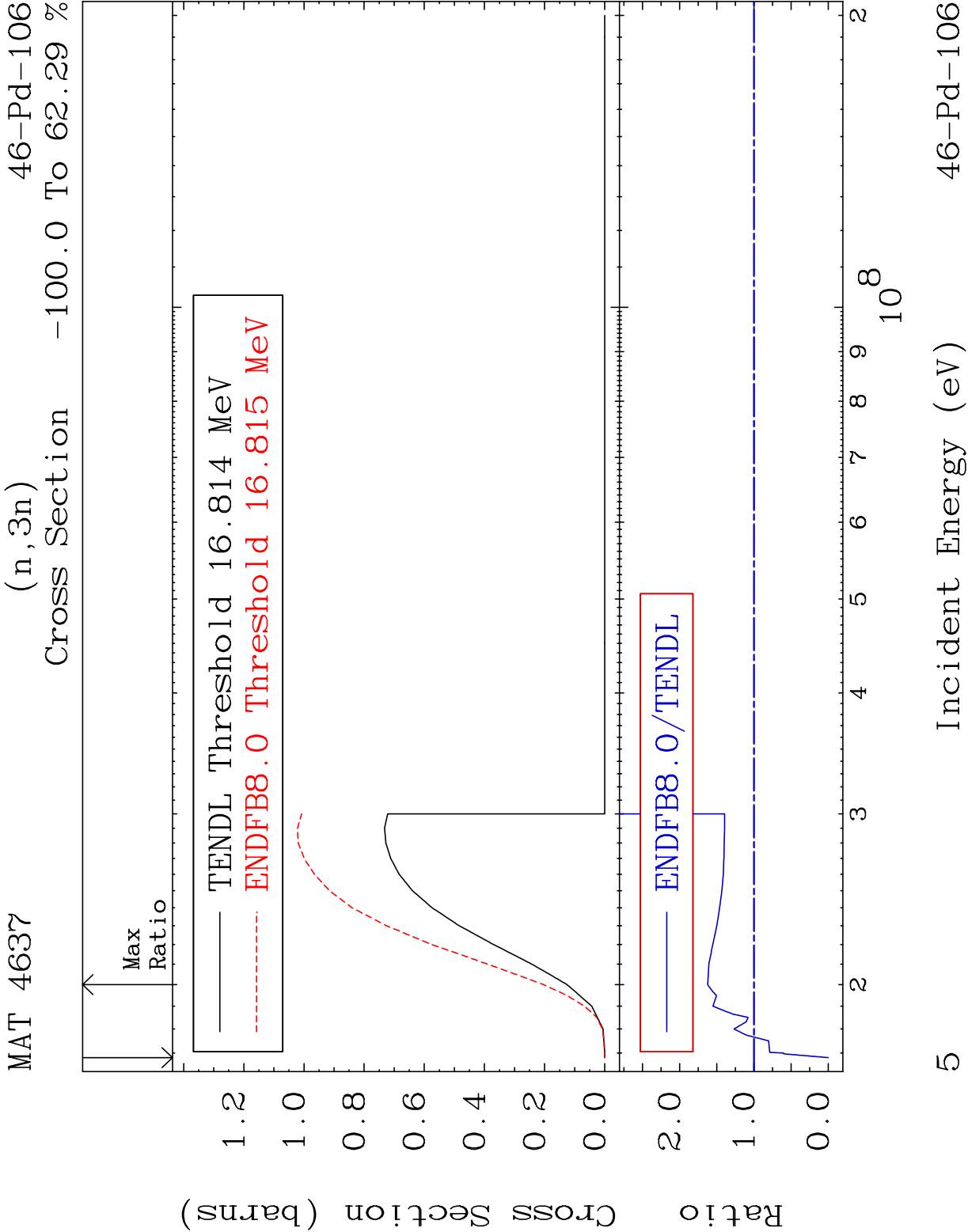


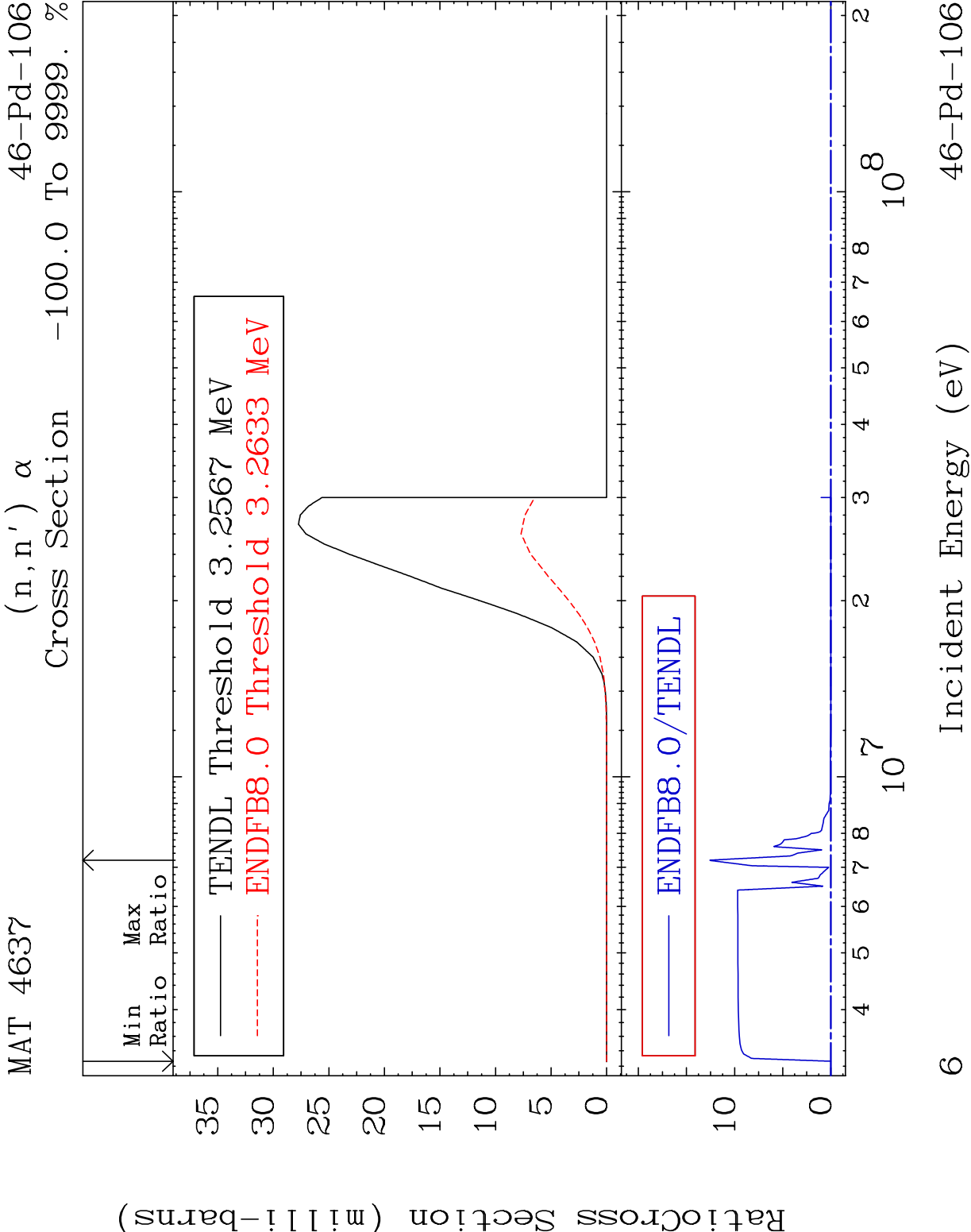
MAT 4637 Inelastic 46-Pd-106
Cross Section -100.0 To 29.96 %

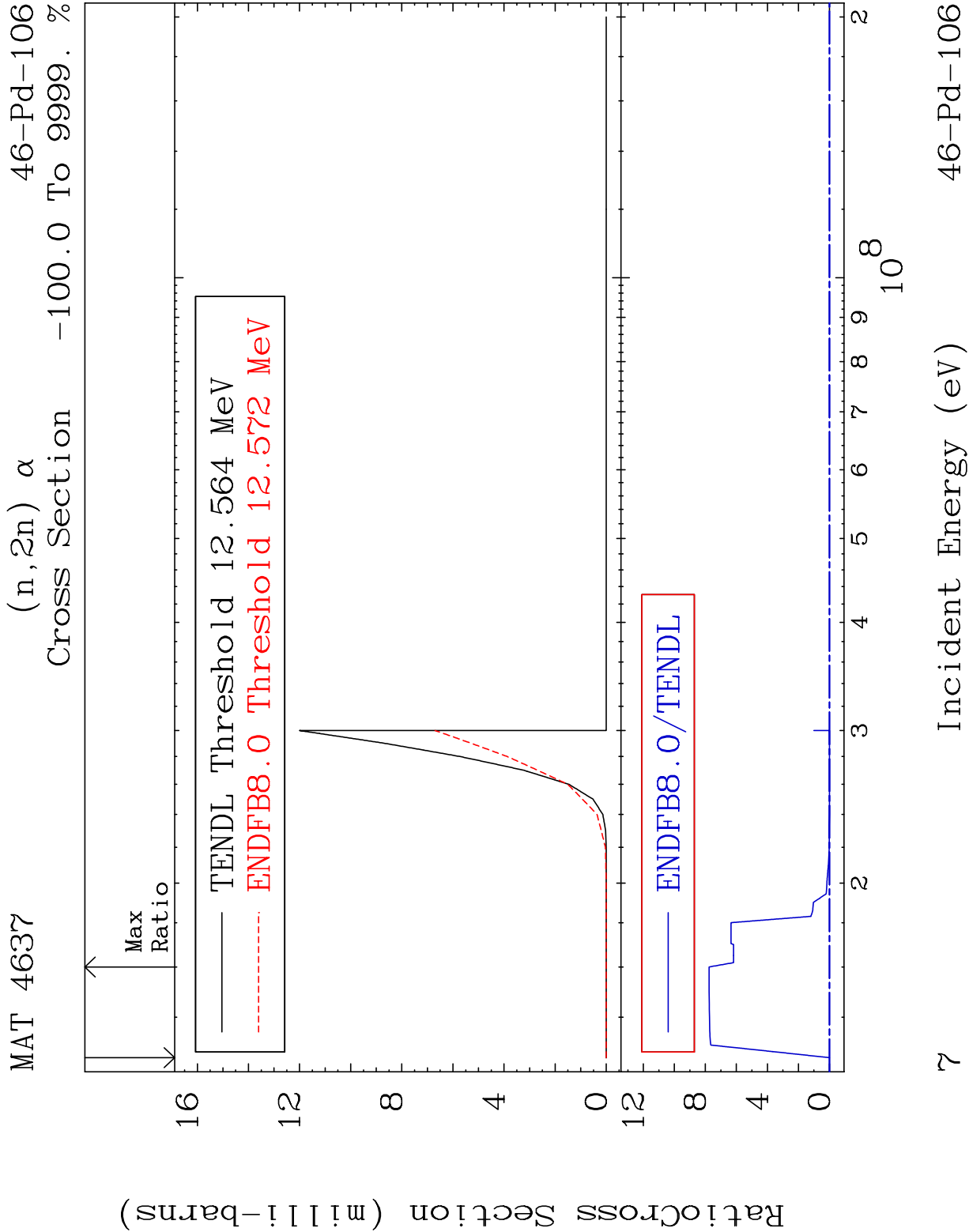


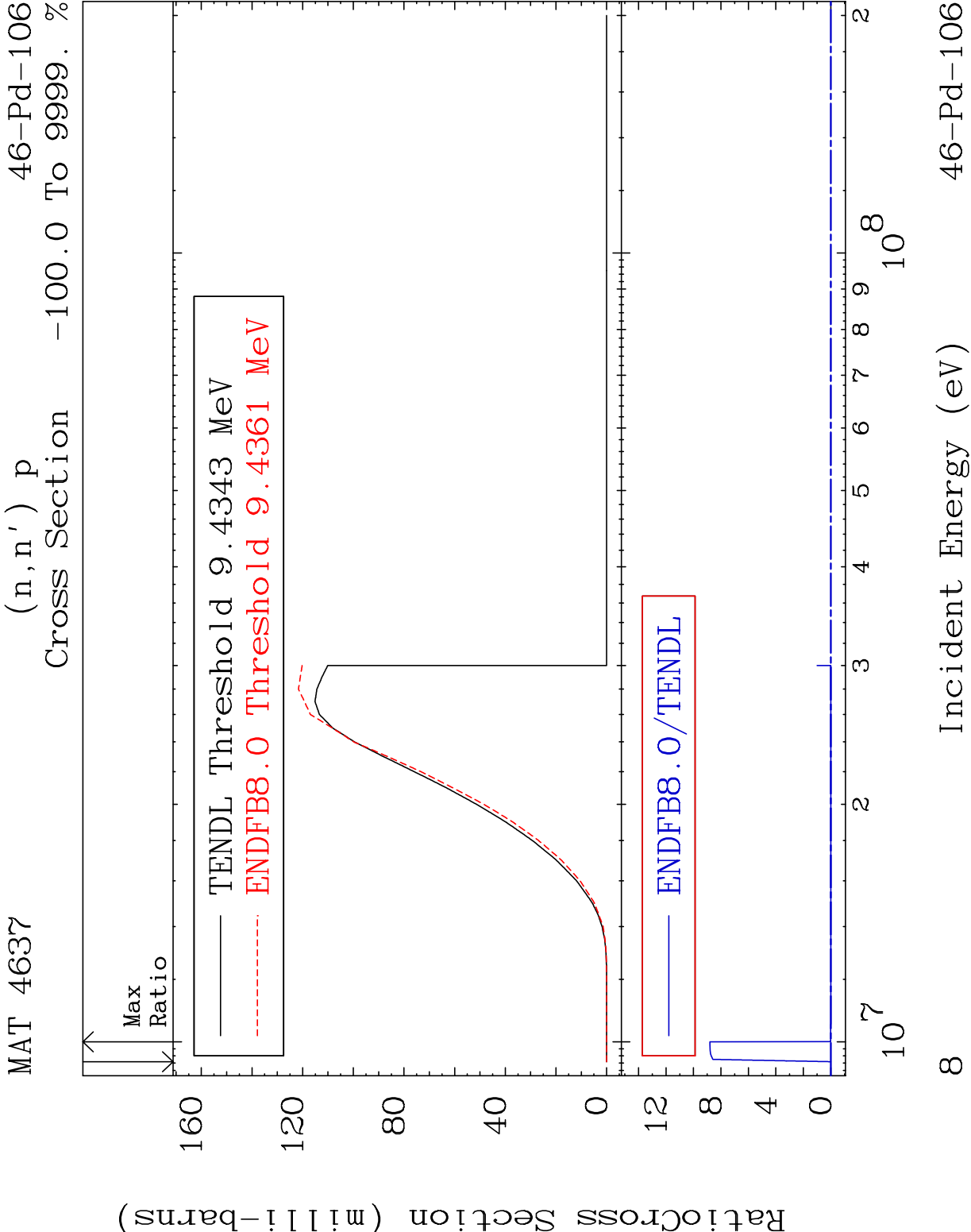
3 Incident Energy (eV) 46-Pd-106

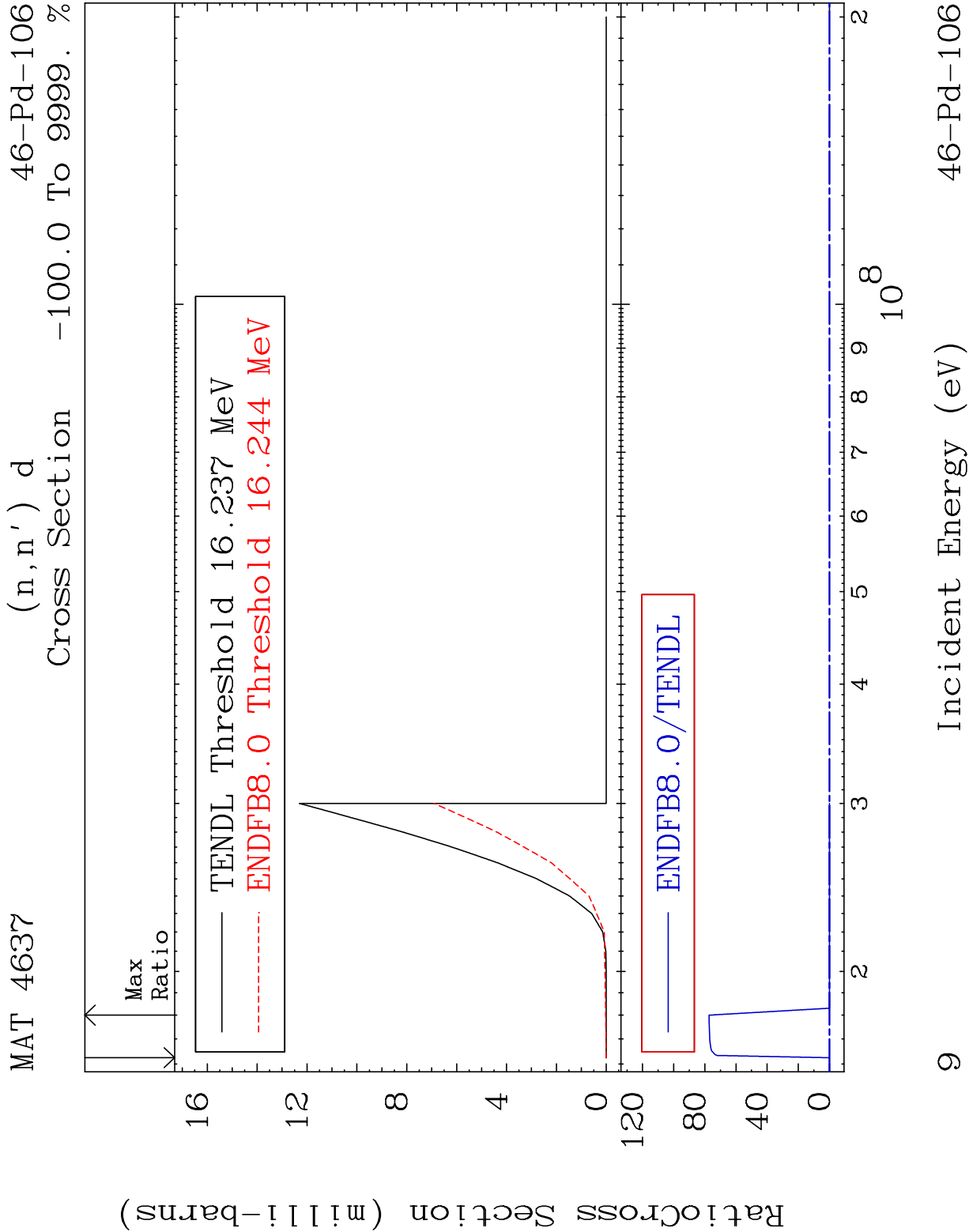


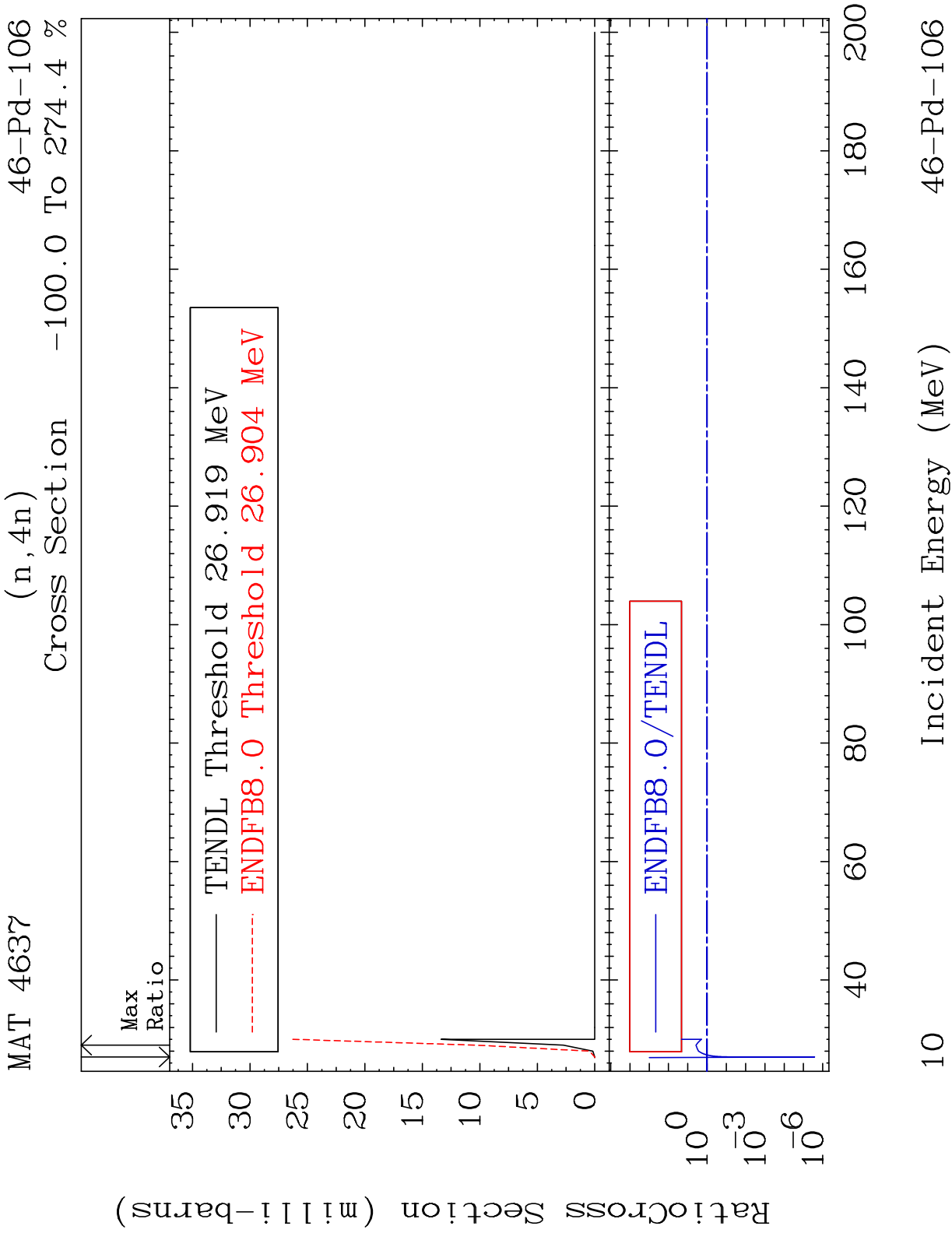


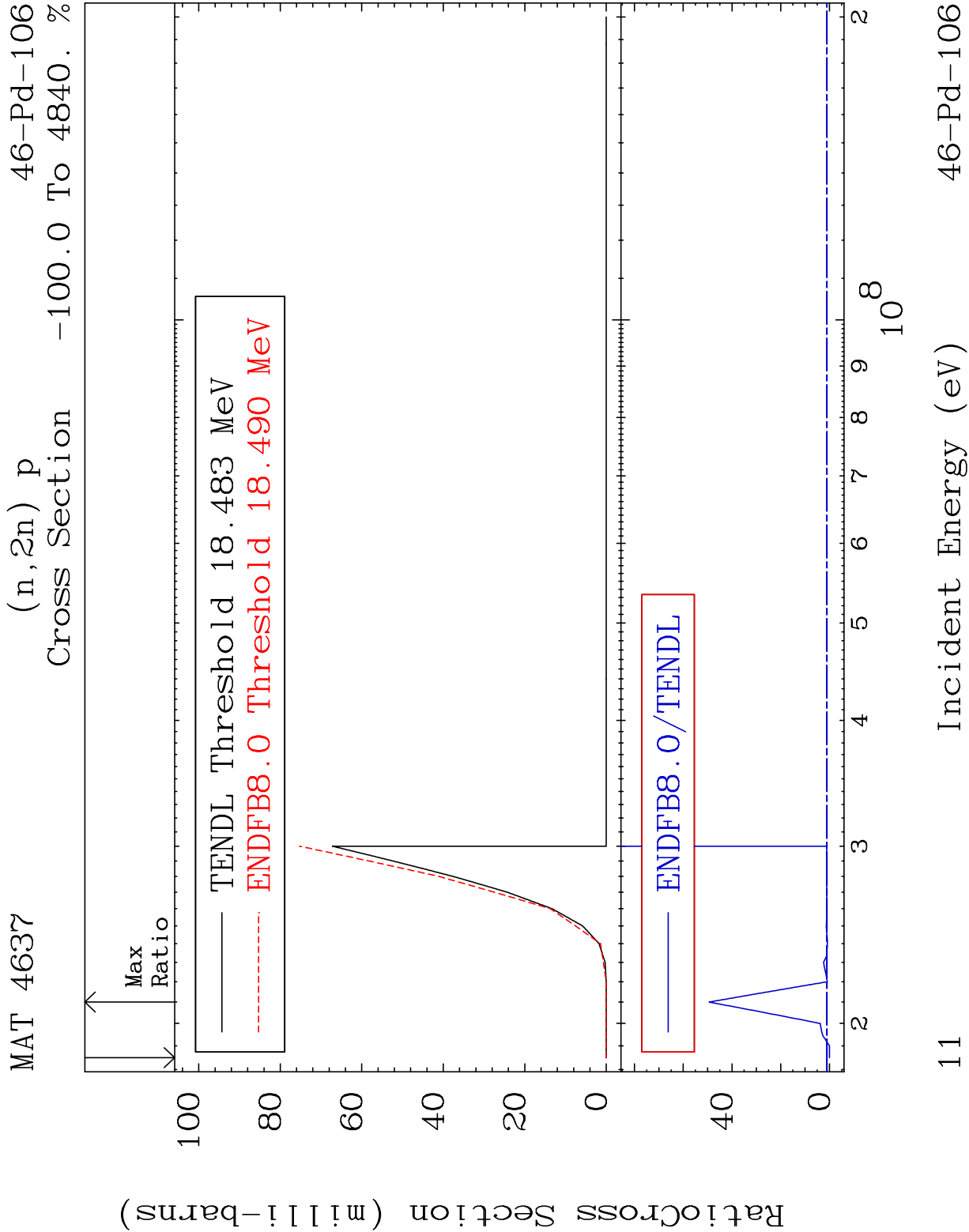




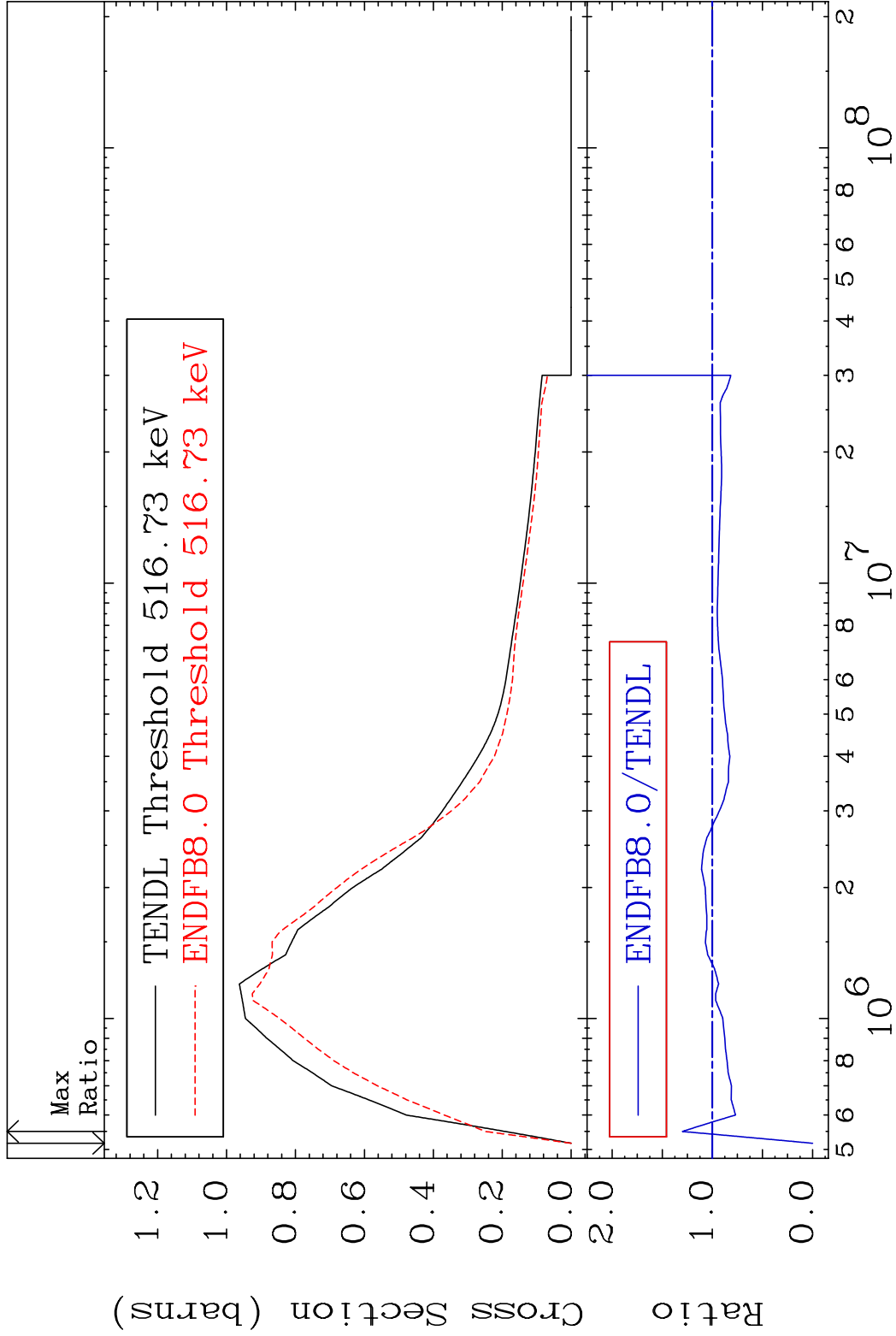


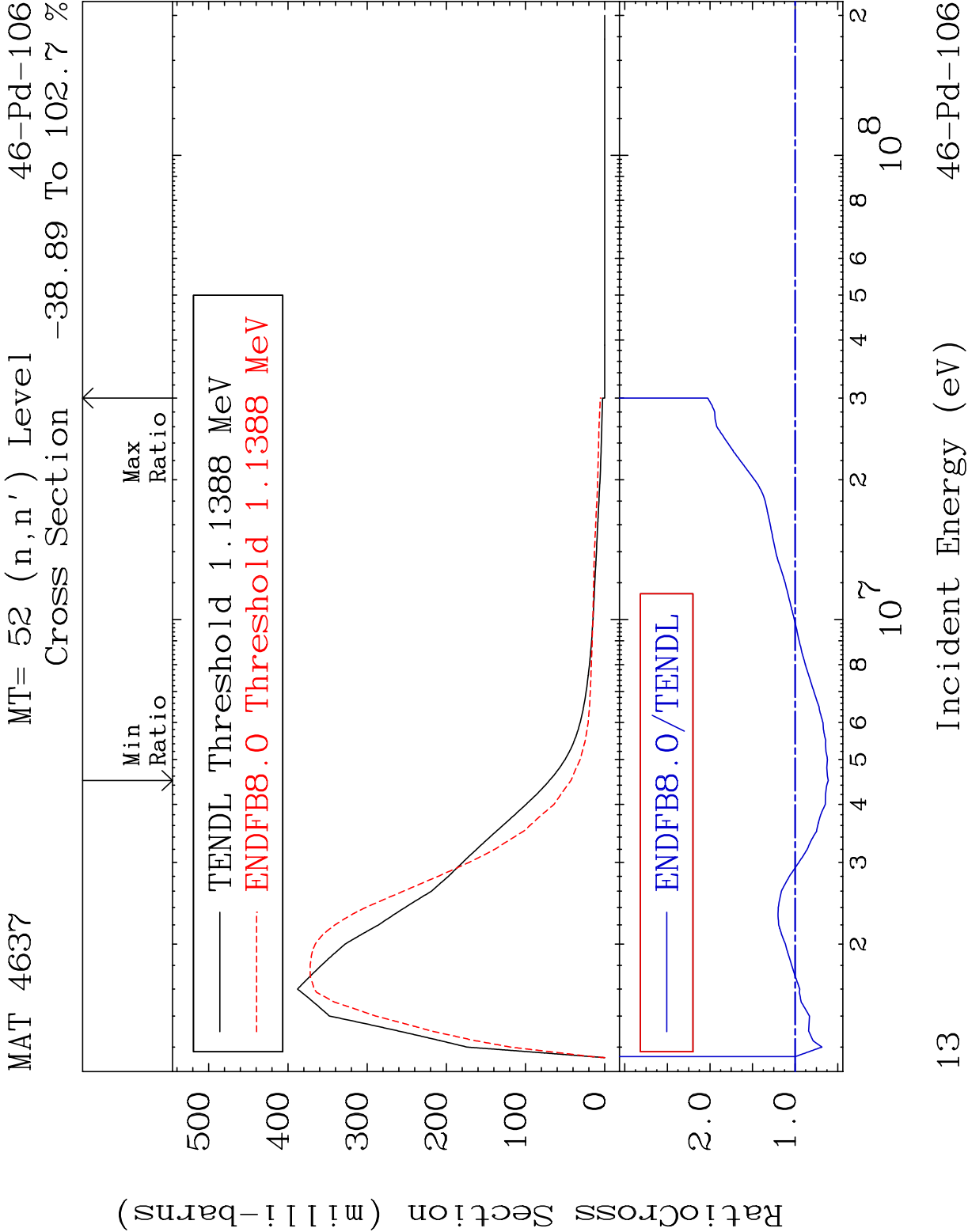






MAT 4637 MT= 51 (n,n') Level 46-Pd-106
Cross Section -100.0 To 29.96 %





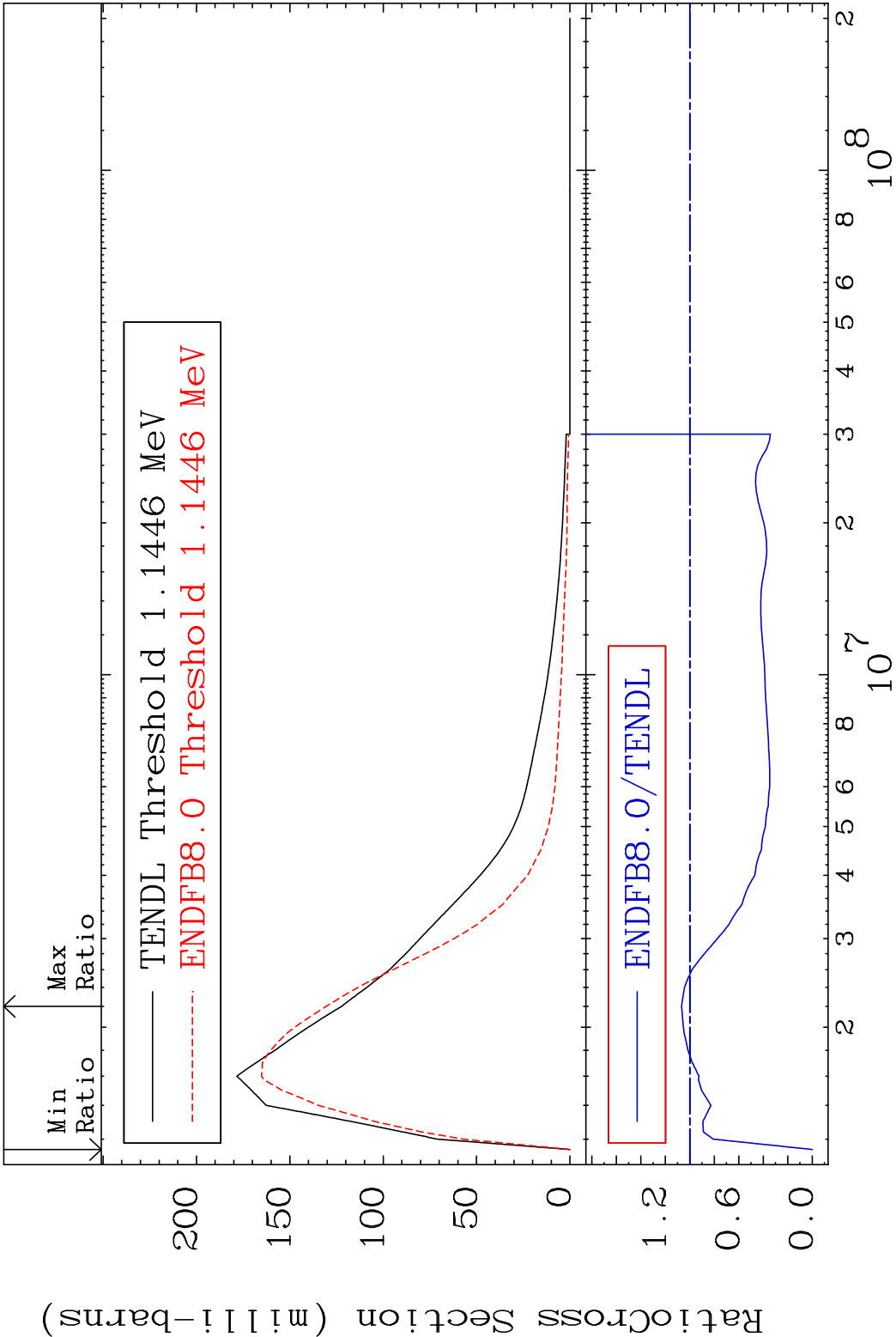
MAT 4637

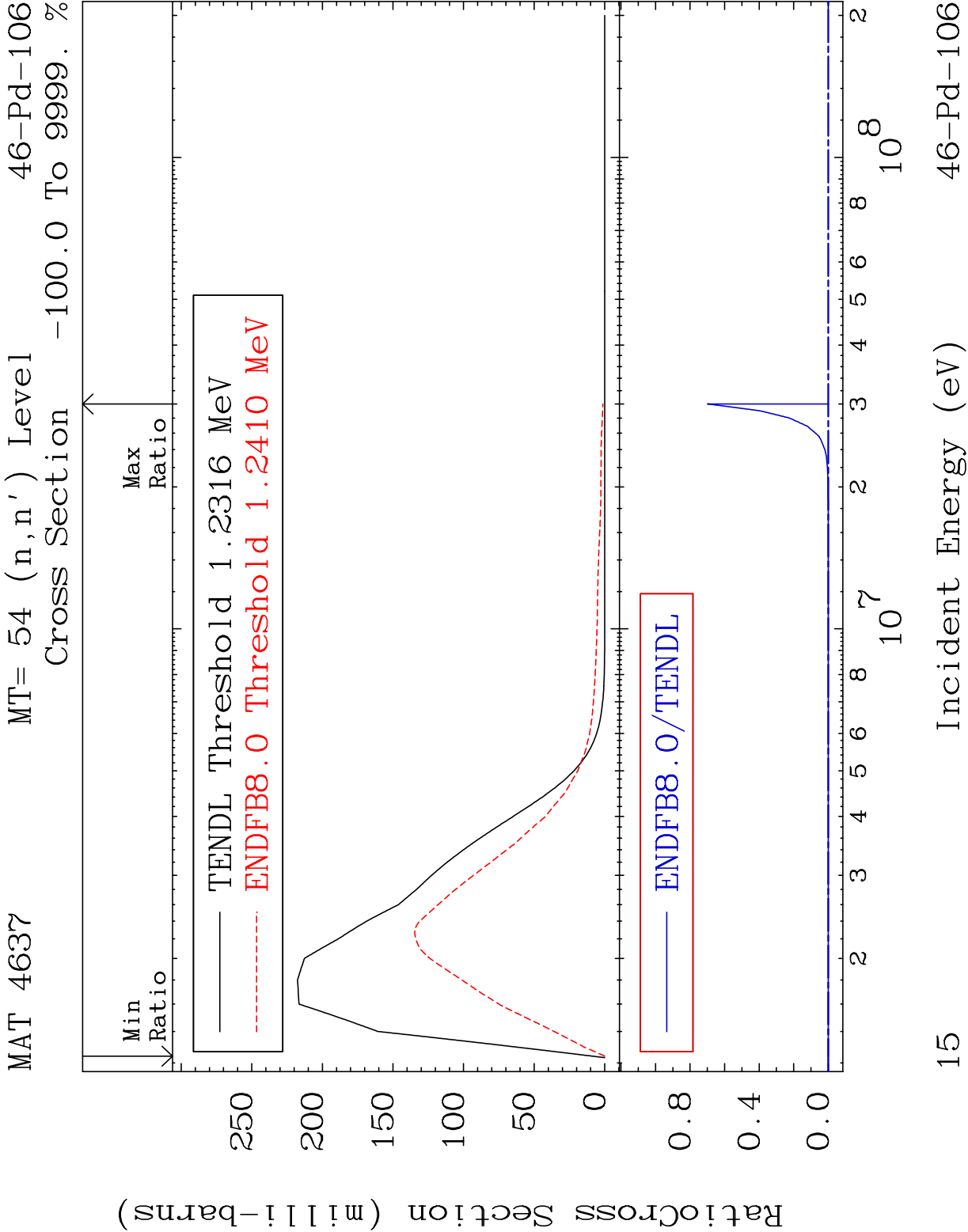
MT= 53 (n,n') Level

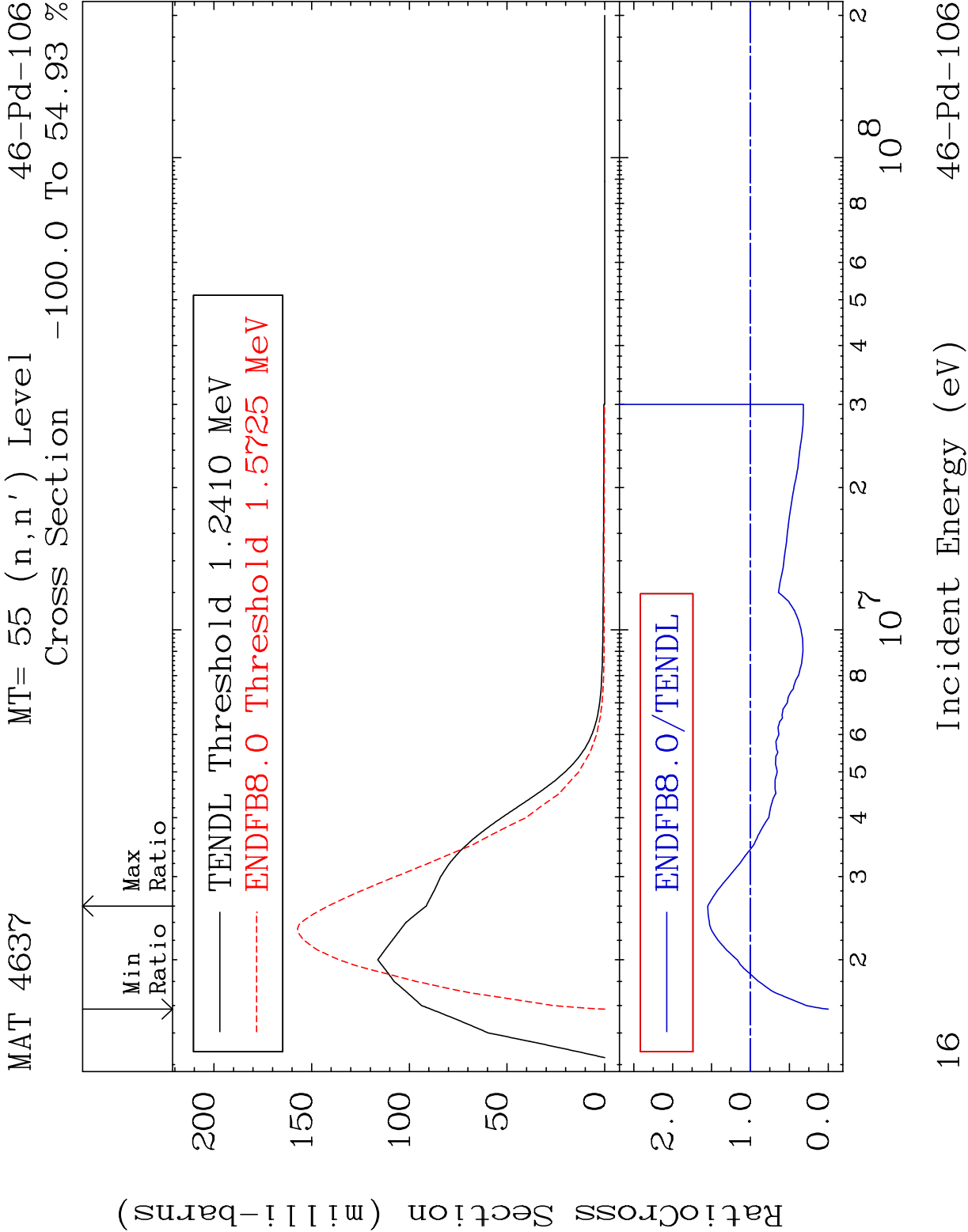
46-Pd-106

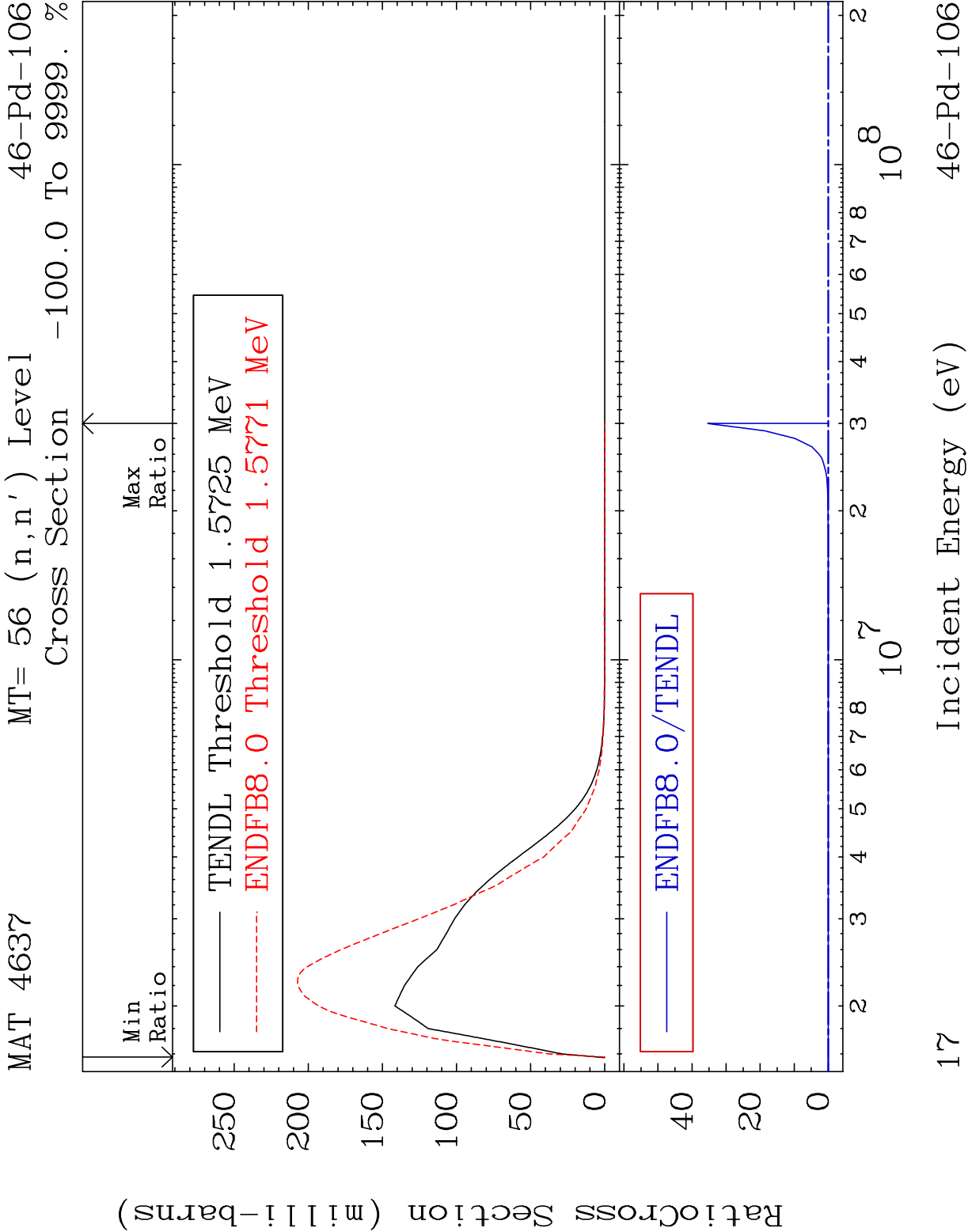
Cross Section

-100.0 To 6.754 %

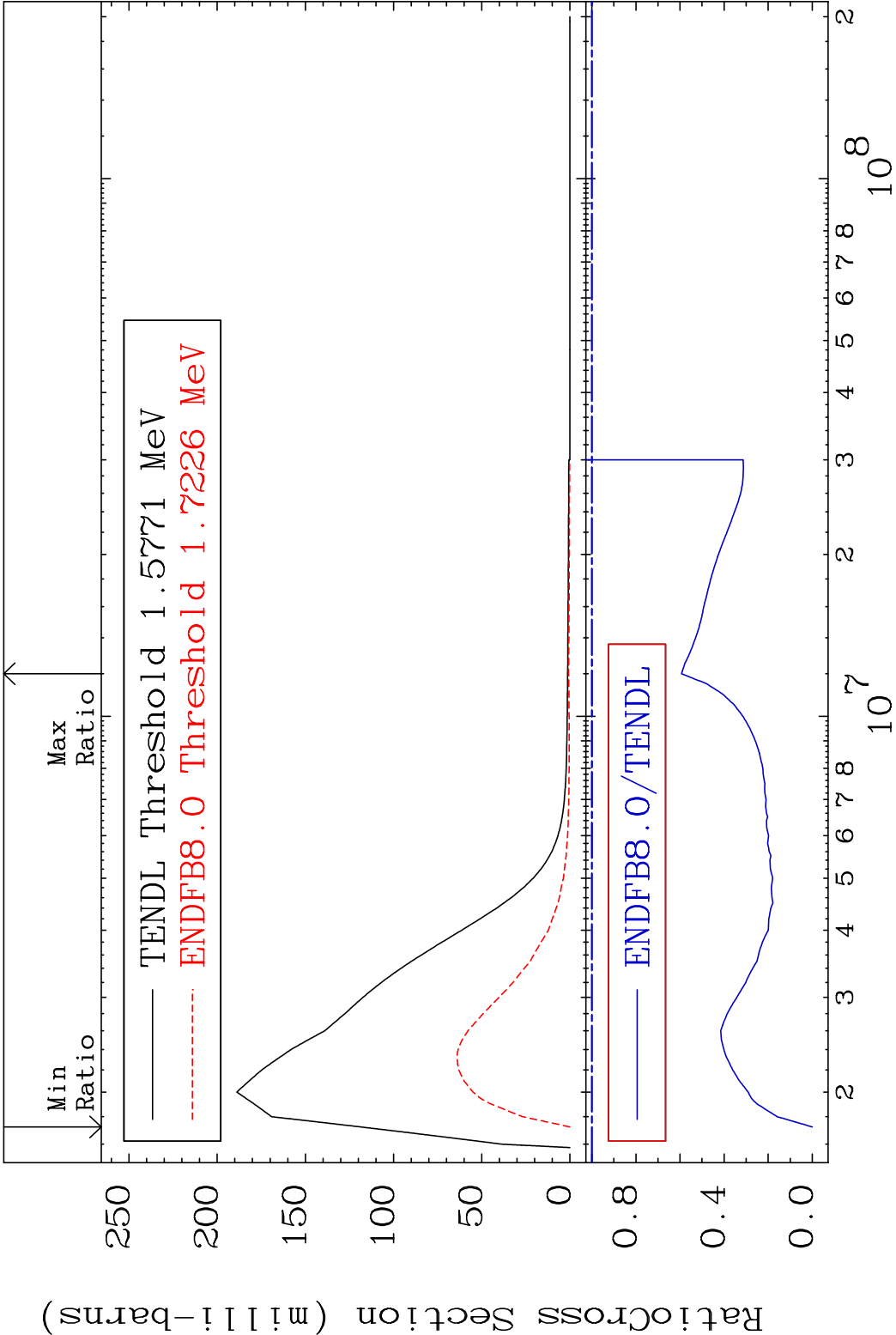




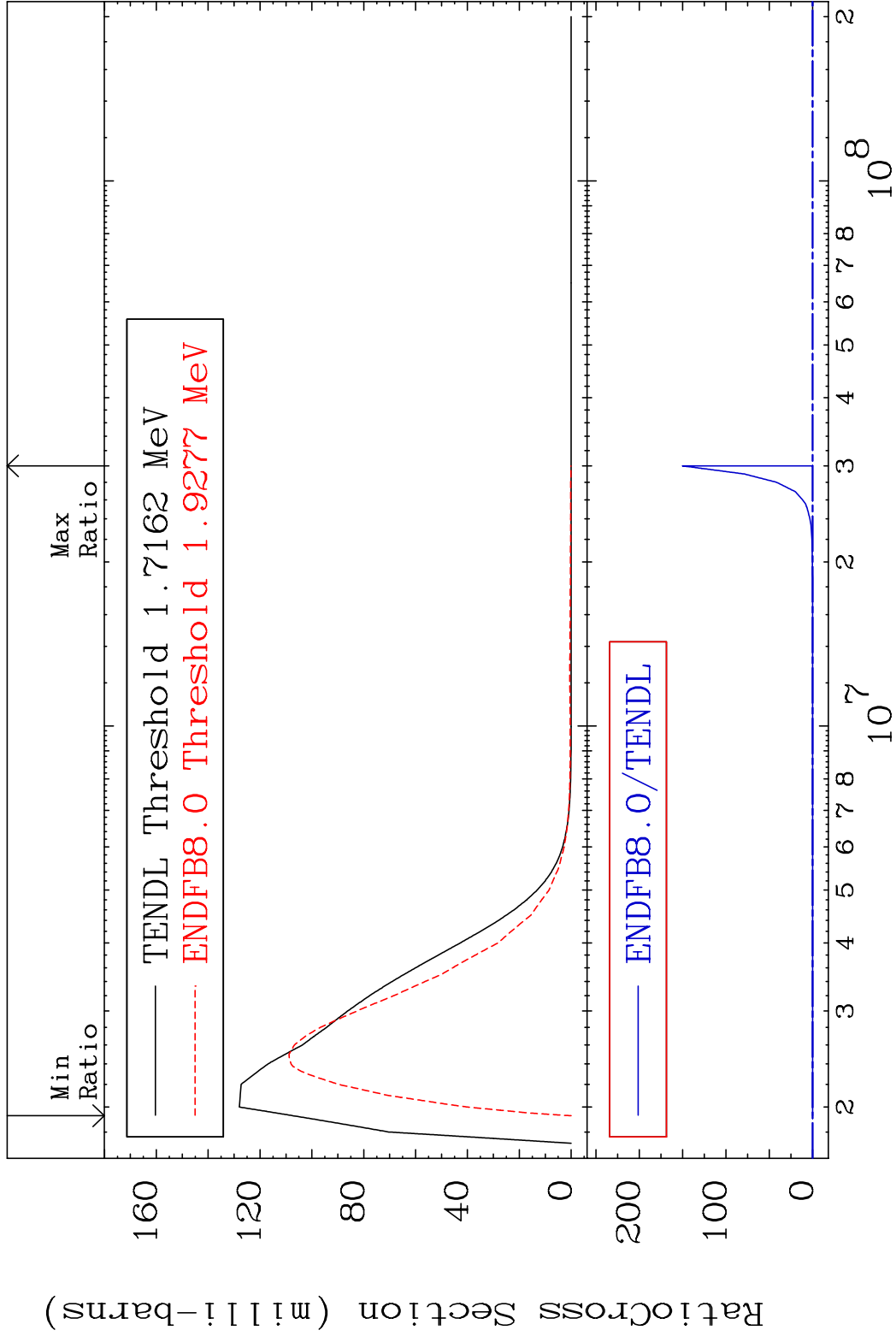




MAT 4637 MT= 57 (n,n') Level 46-Pd-106
Cross Section -100.0 To -40.69%



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

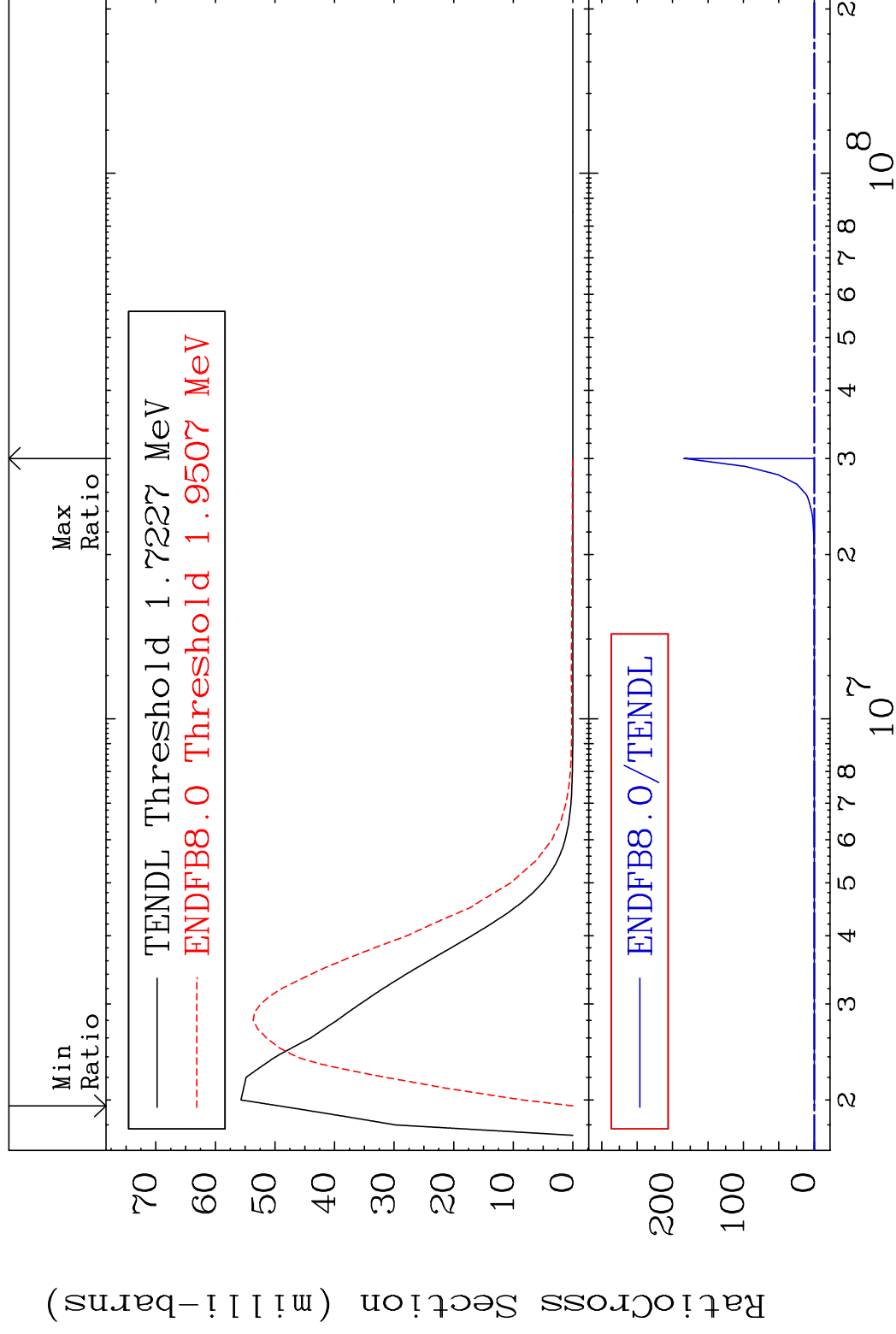


MAT 4637

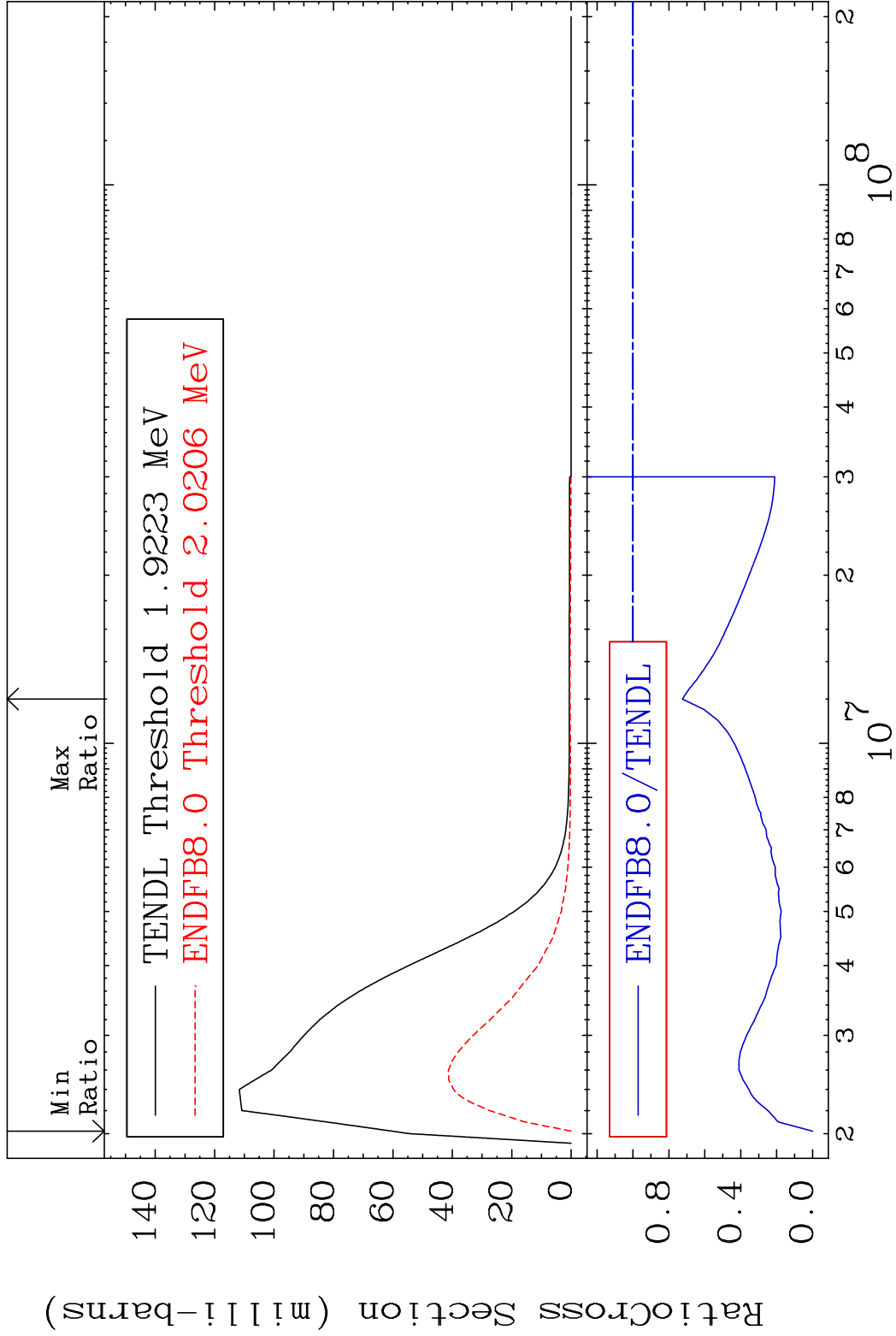
MT= 59 (n, n') Level

46-Pd-106

Cross Section -100.0 To 9999. %



MAT 4637 MT= 60 (n,n') Level 46-Pd-106
Cross Section -100.0 To -27.50%

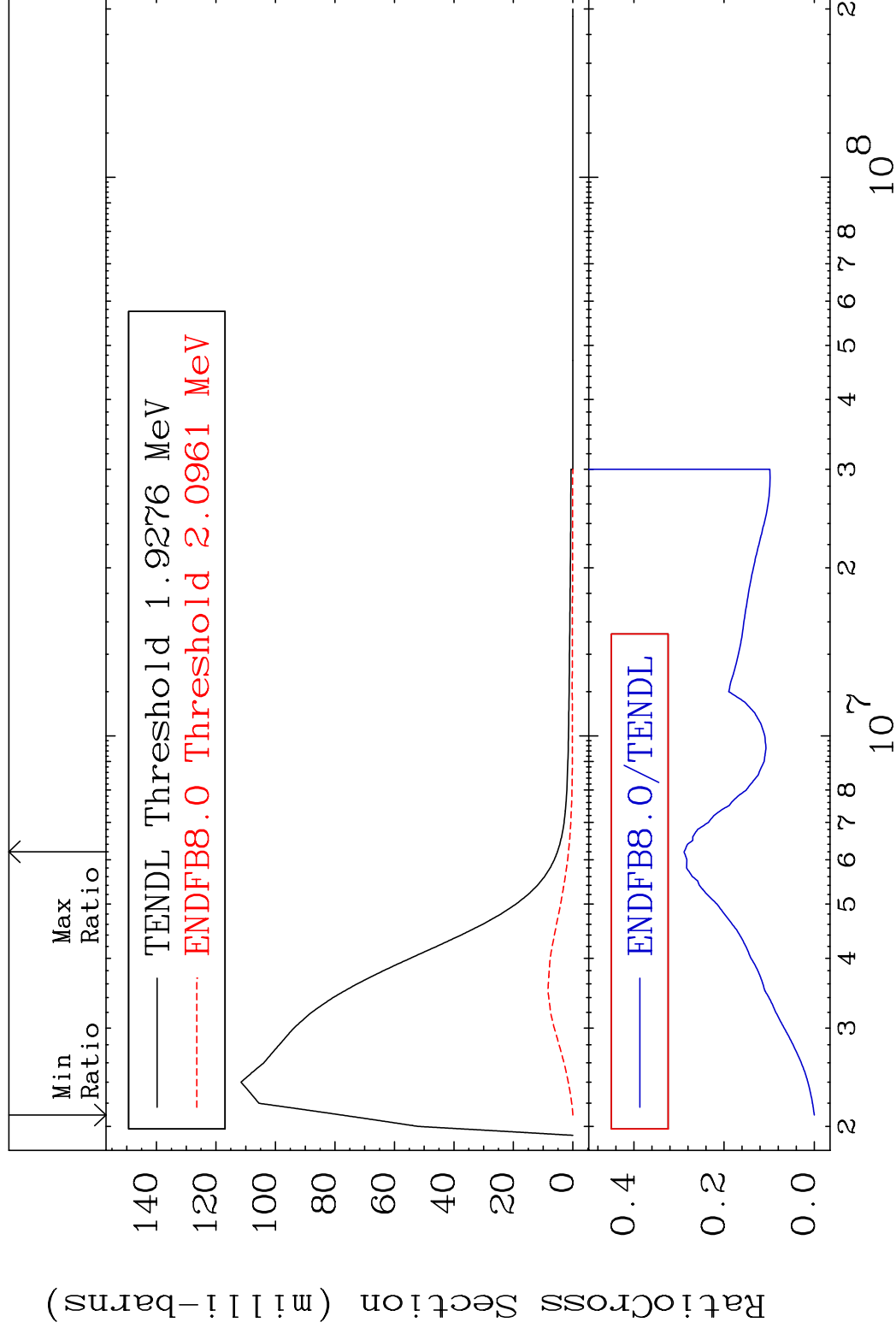


MAT 4637

MT= 61 (n, n') Level

46-Pd-106

Cross Section	-100.0 To -71.13%



MAT 4637

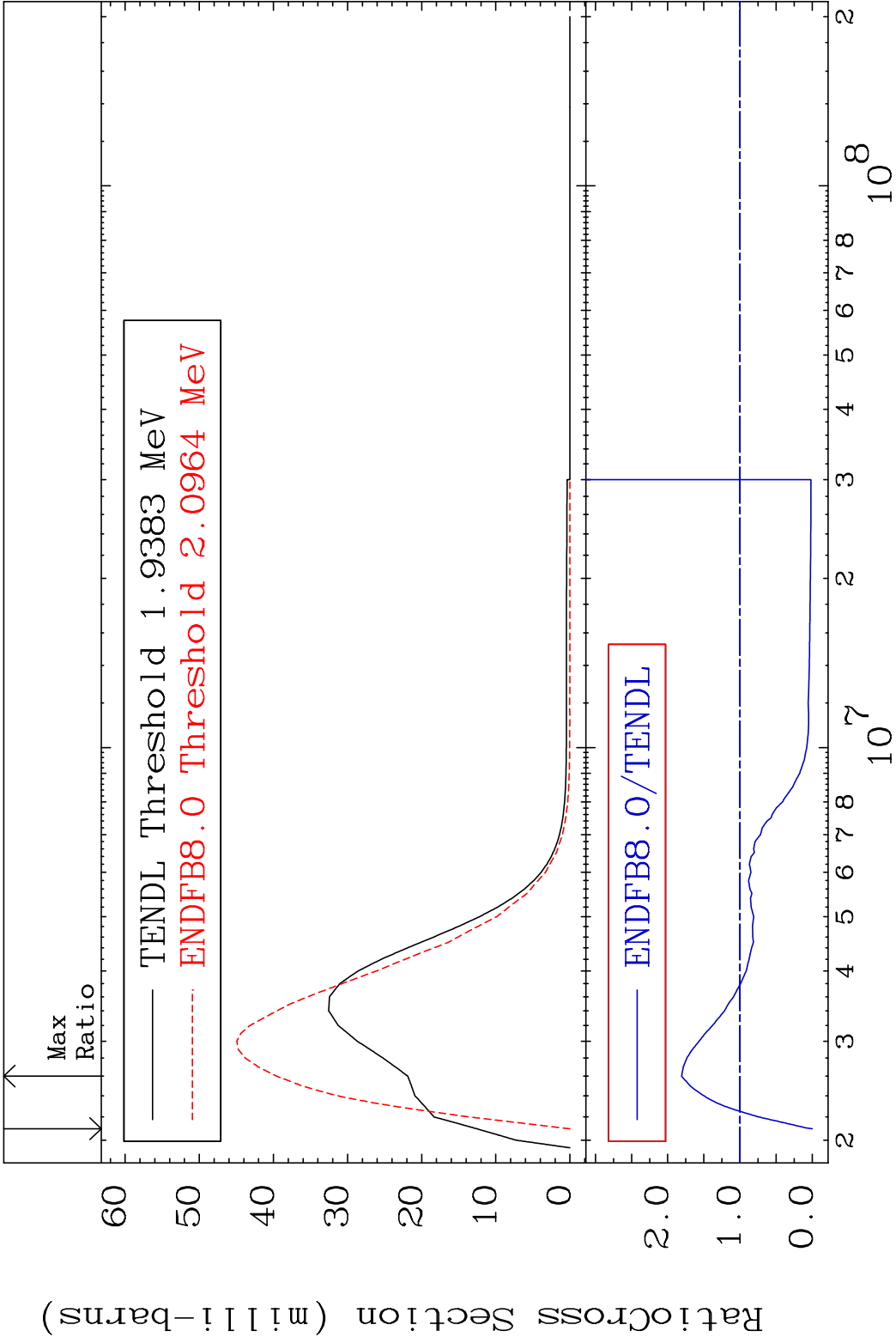
MT= 62 (n,n')

Level

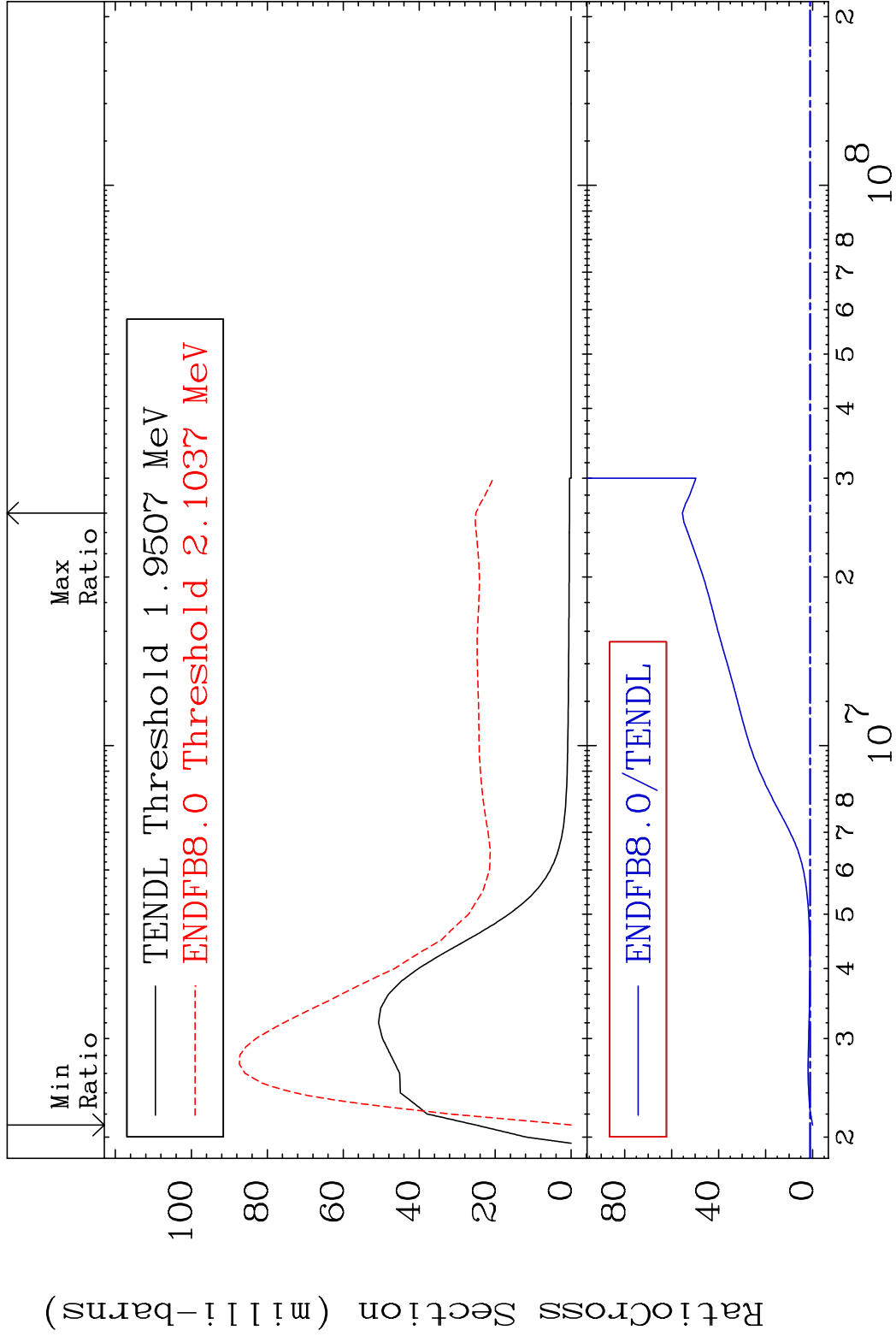
46-Pd-106

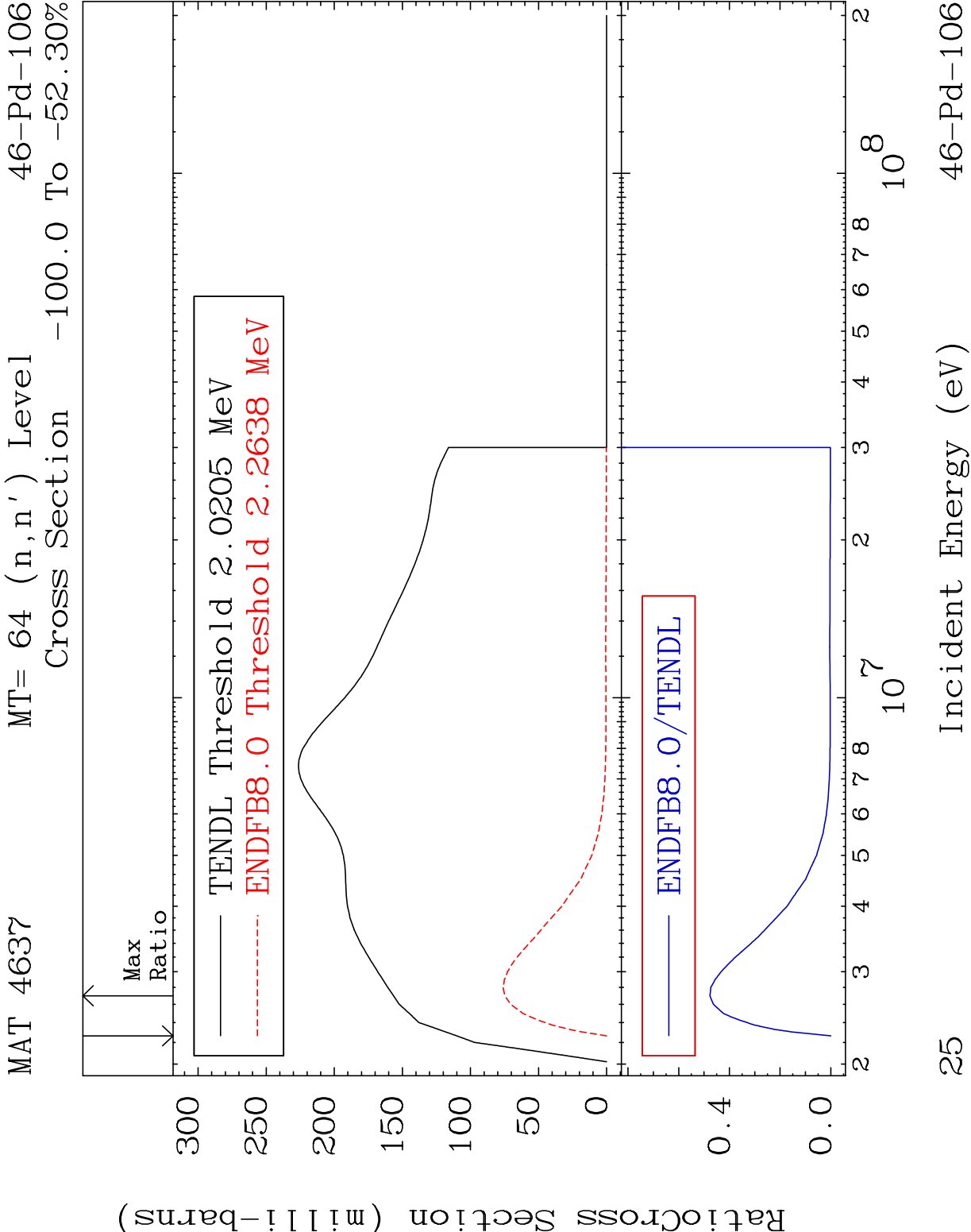
Cross Section

-100.0 To 80.88 %

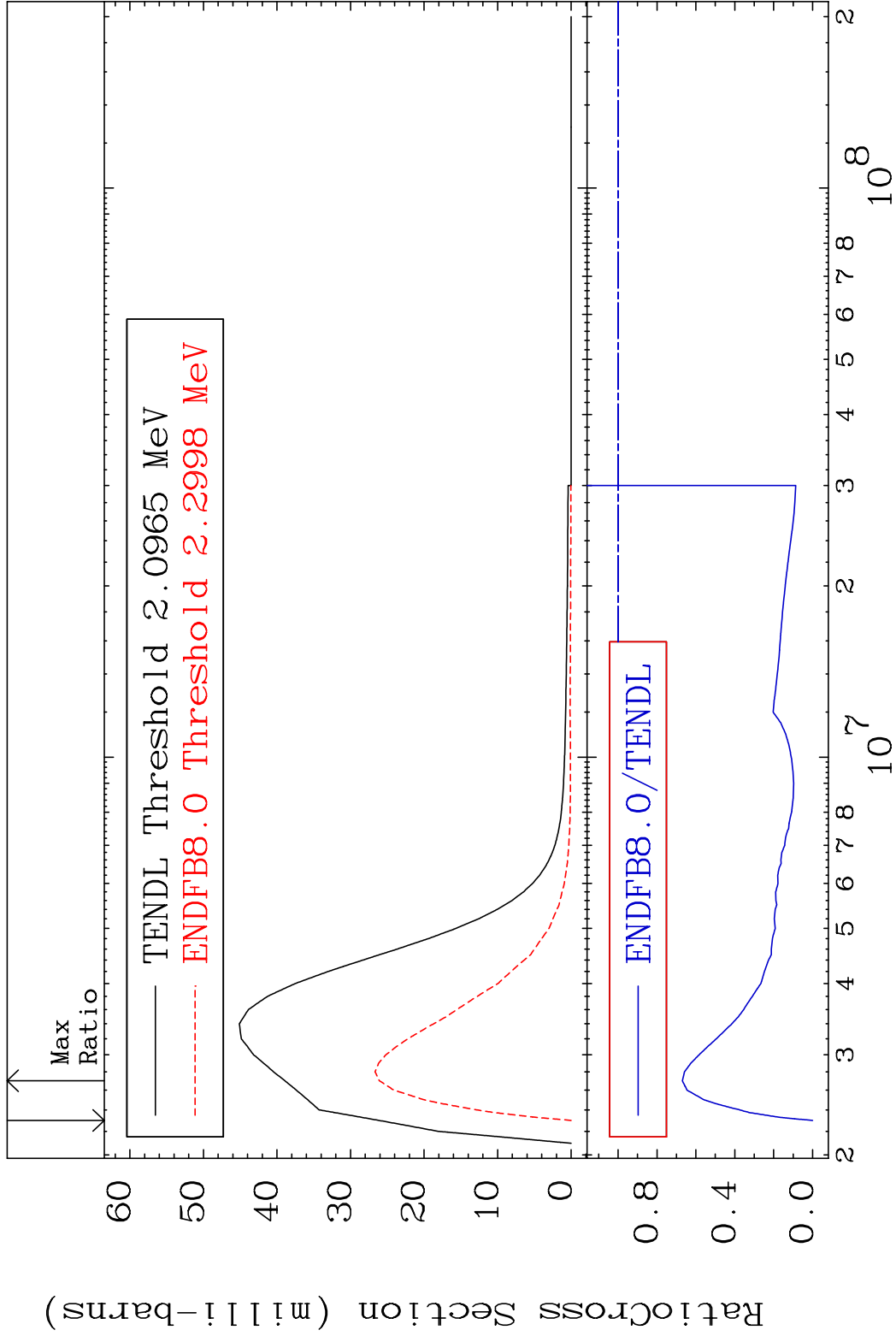


MAT 4637 MT= 63 (n,n') Level 46-Pd-106
Cross Section -100.0 To 5443. %

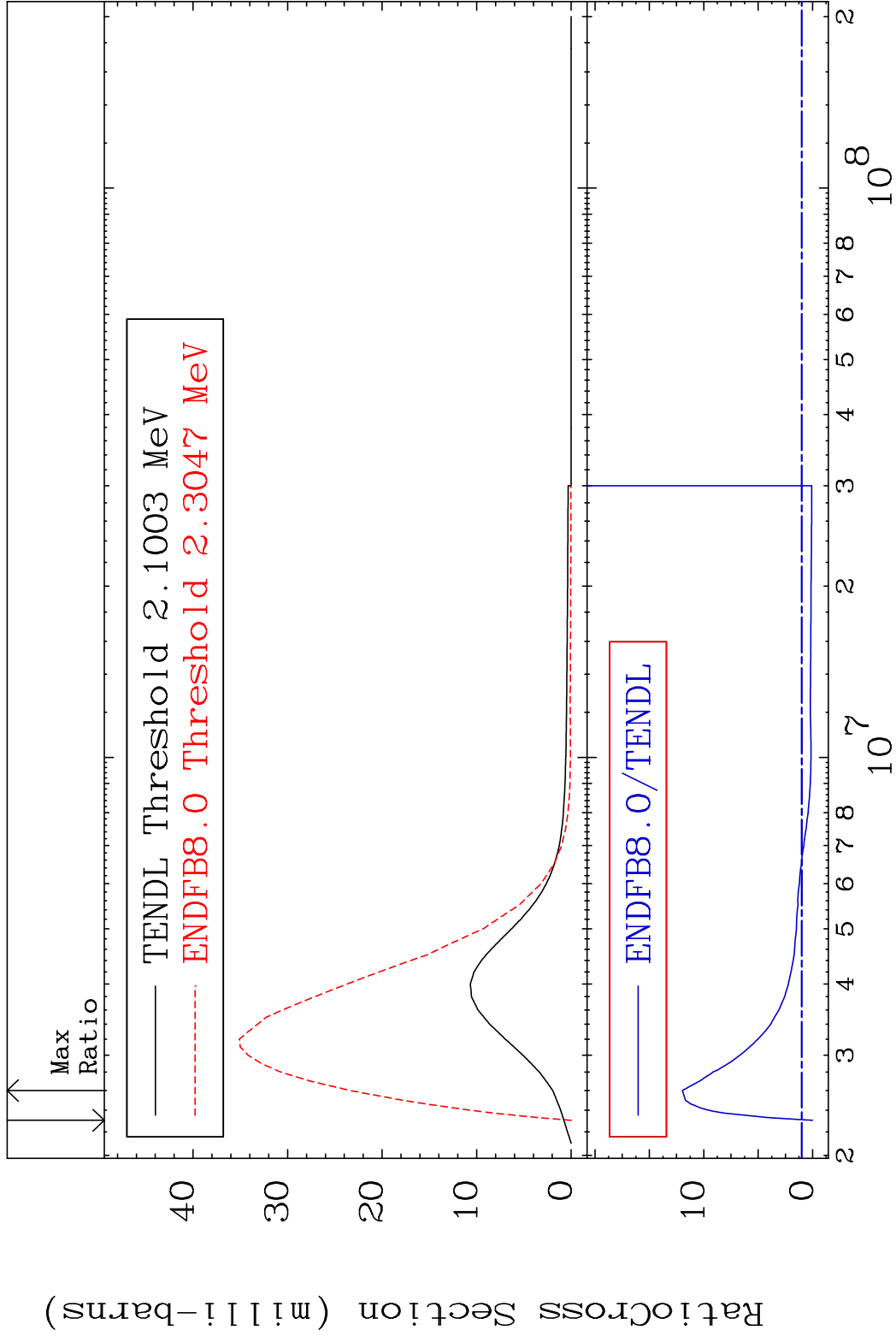




MAT 4637 MT= 65 (n,n') Level 46-Pd-106
Cross Section -100.0 To -33.03%



MAT 4637 MT= 66 (n,n') Level 46-Pd-106
Cross Section -100.0 To 1097. %



MAT 4637

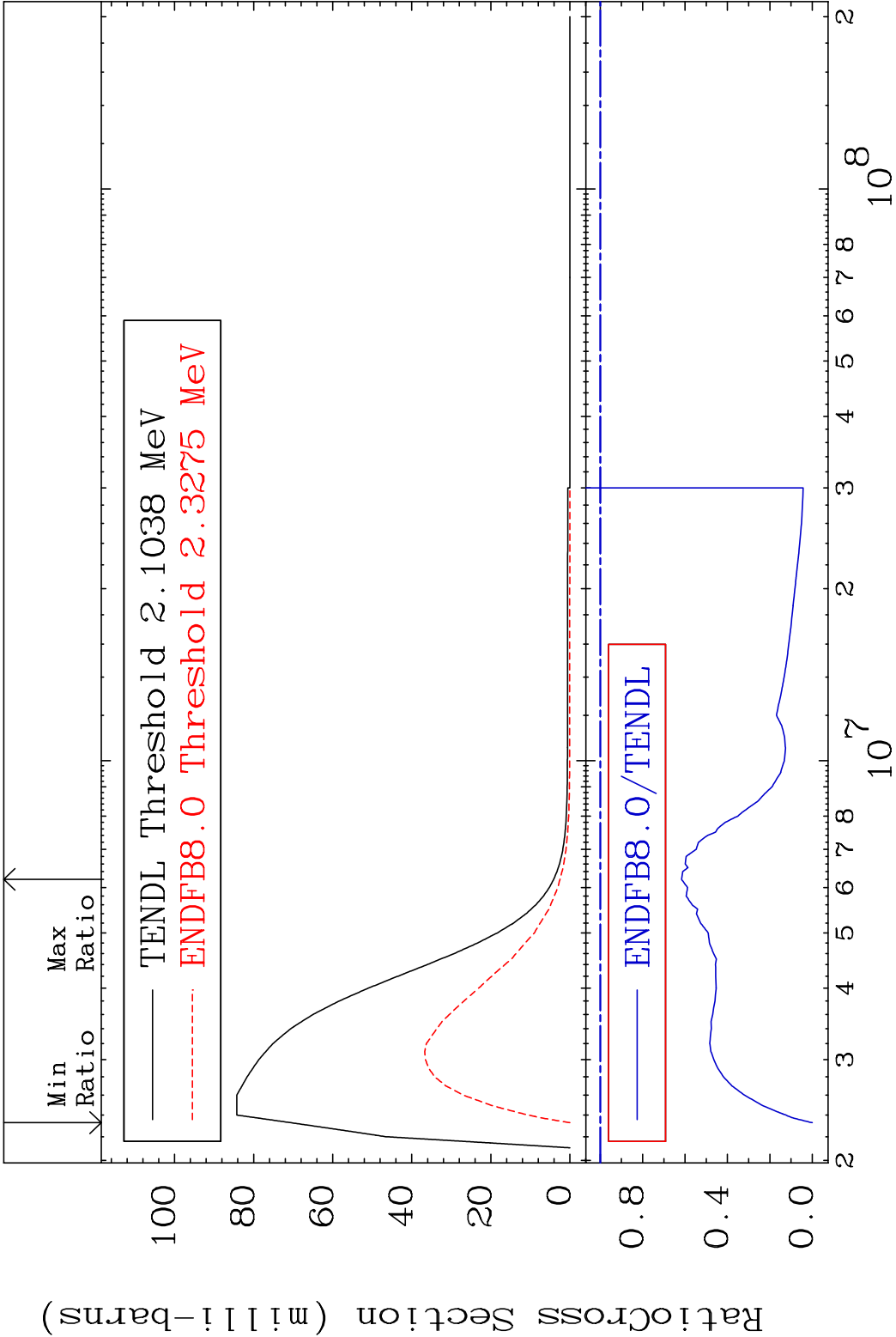
MT= 67 (n,n')

Level

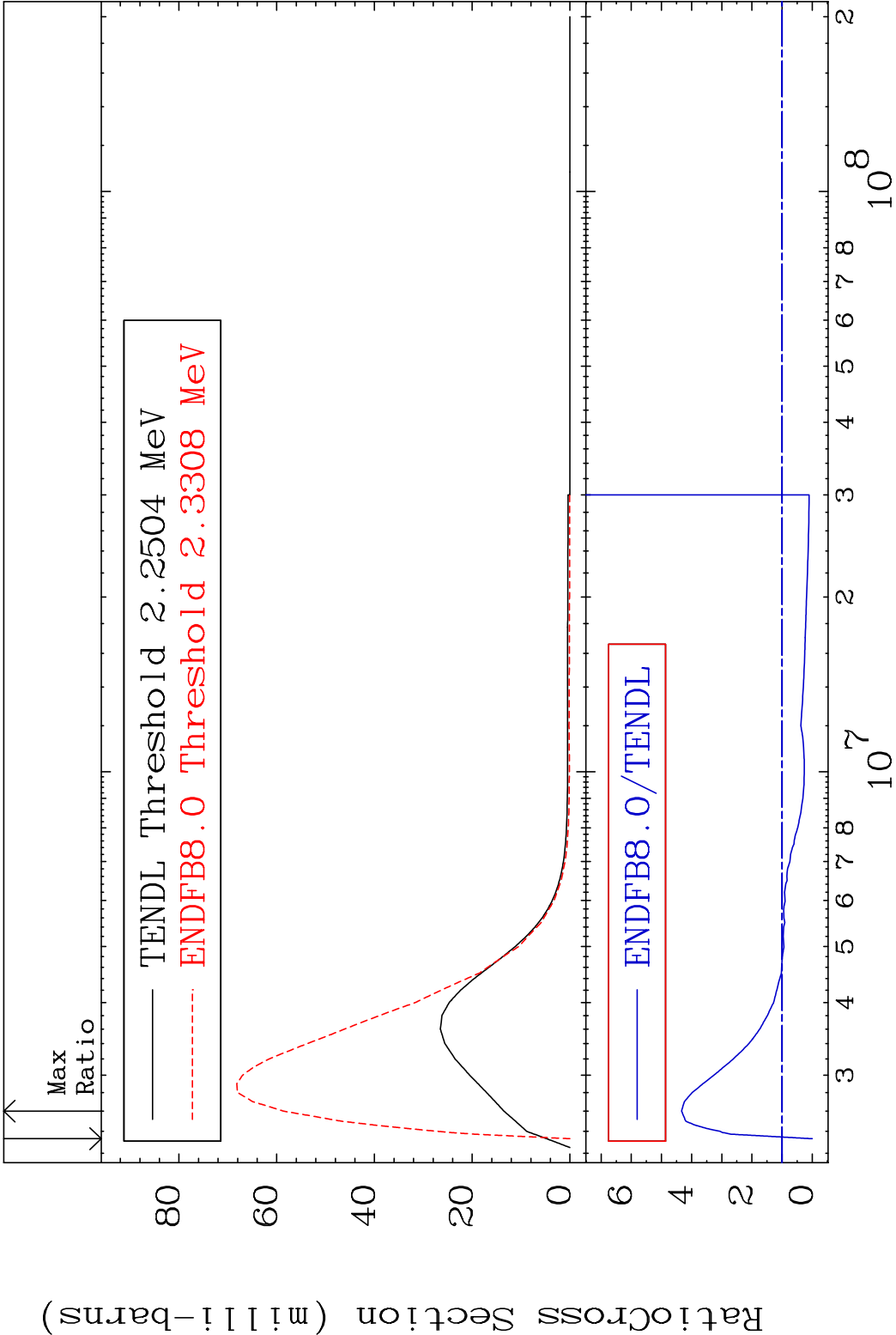
46-Pd-106

Cross Section

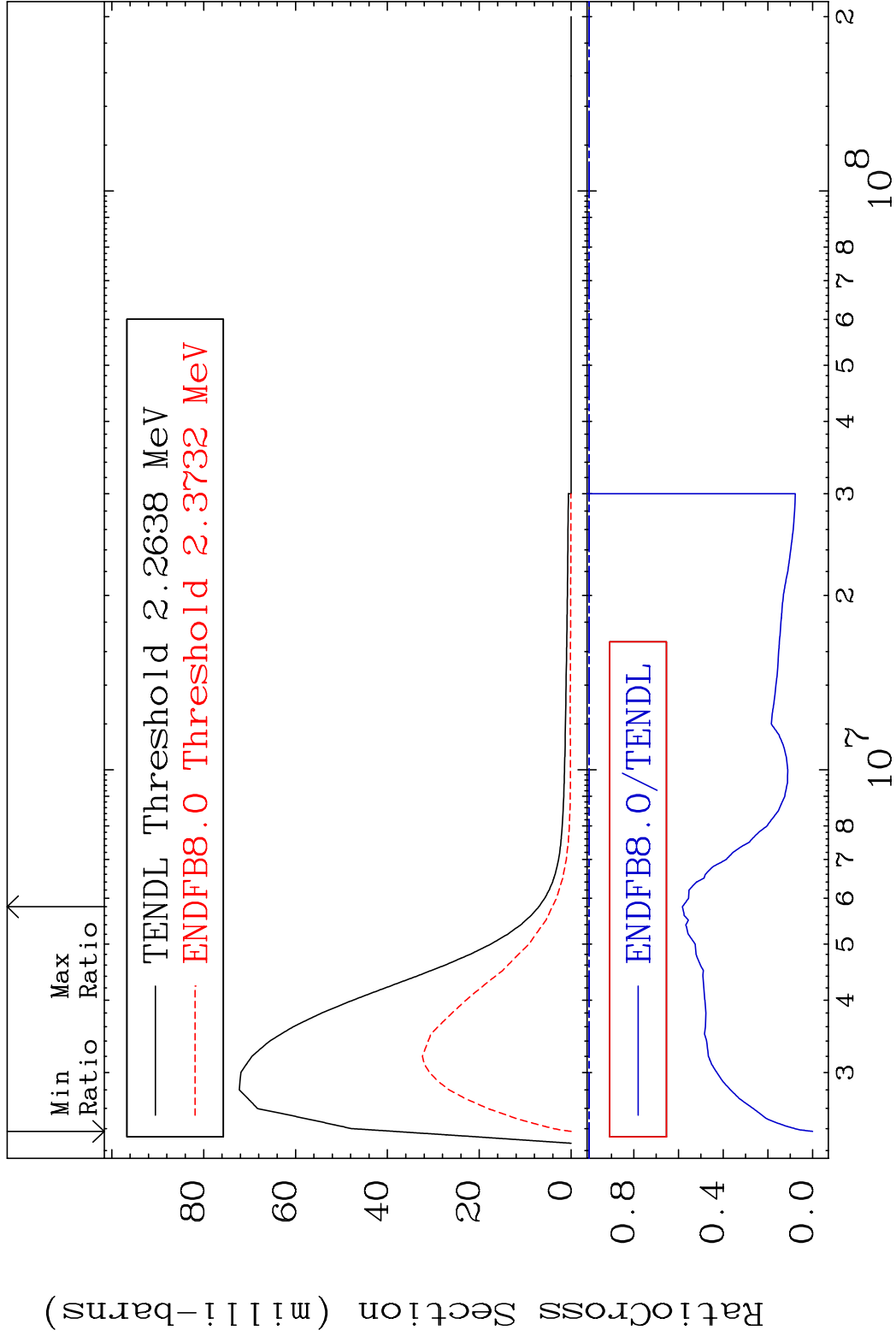
-100.0 To -38.34%



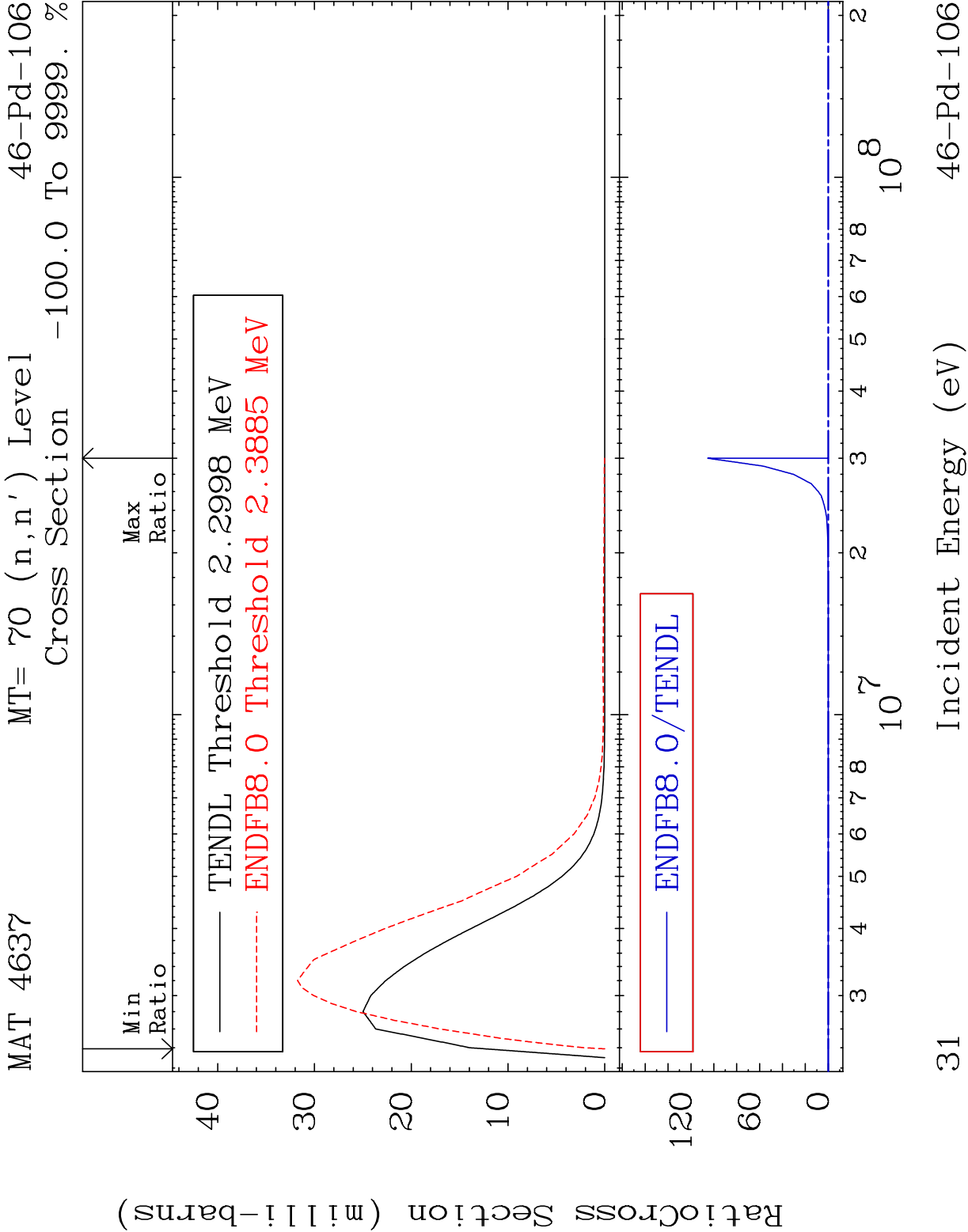
MAT 4637 MT= 68 (n,n') Level 46-Pd-106
Cross Section -100.0 To 333.5 %

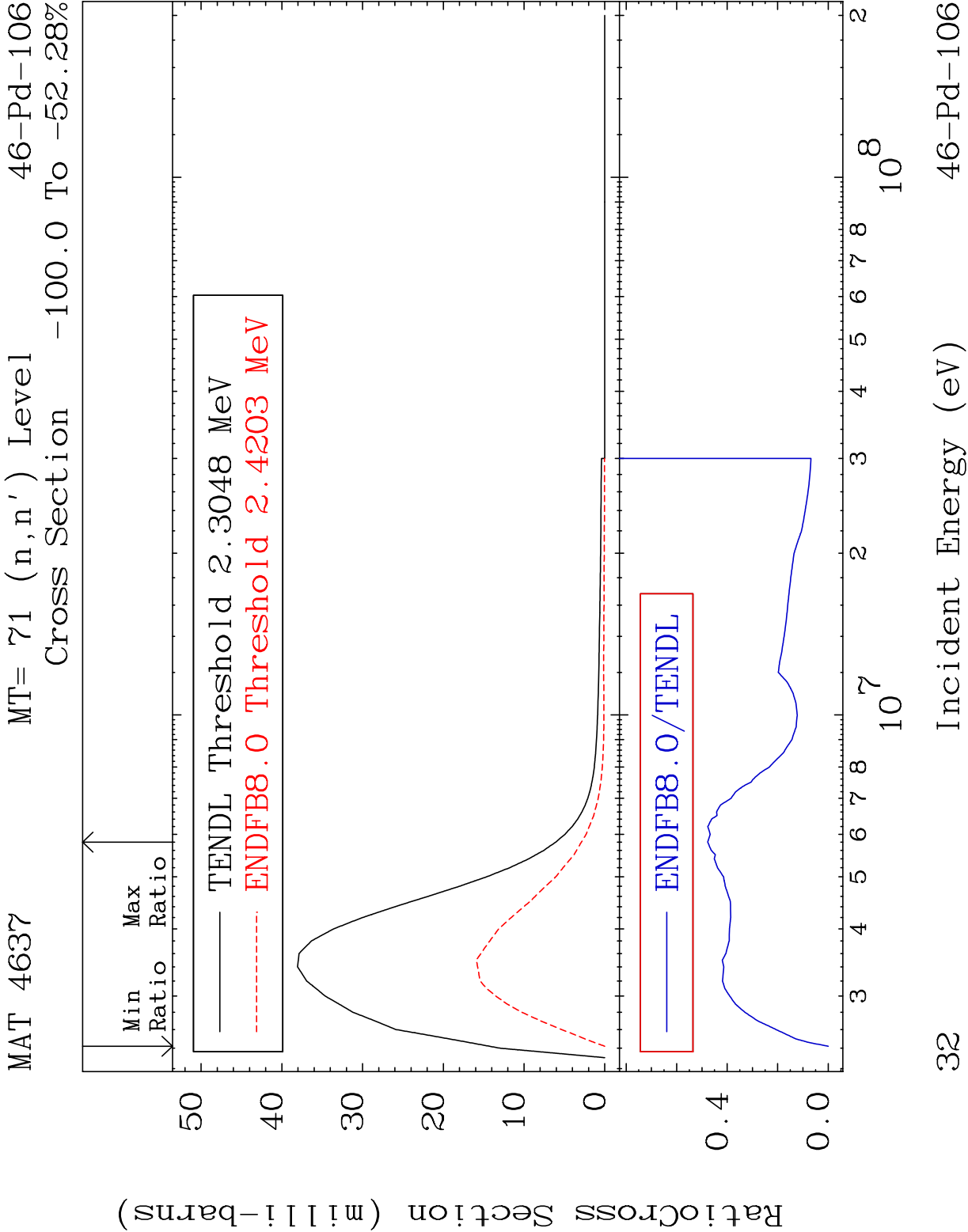


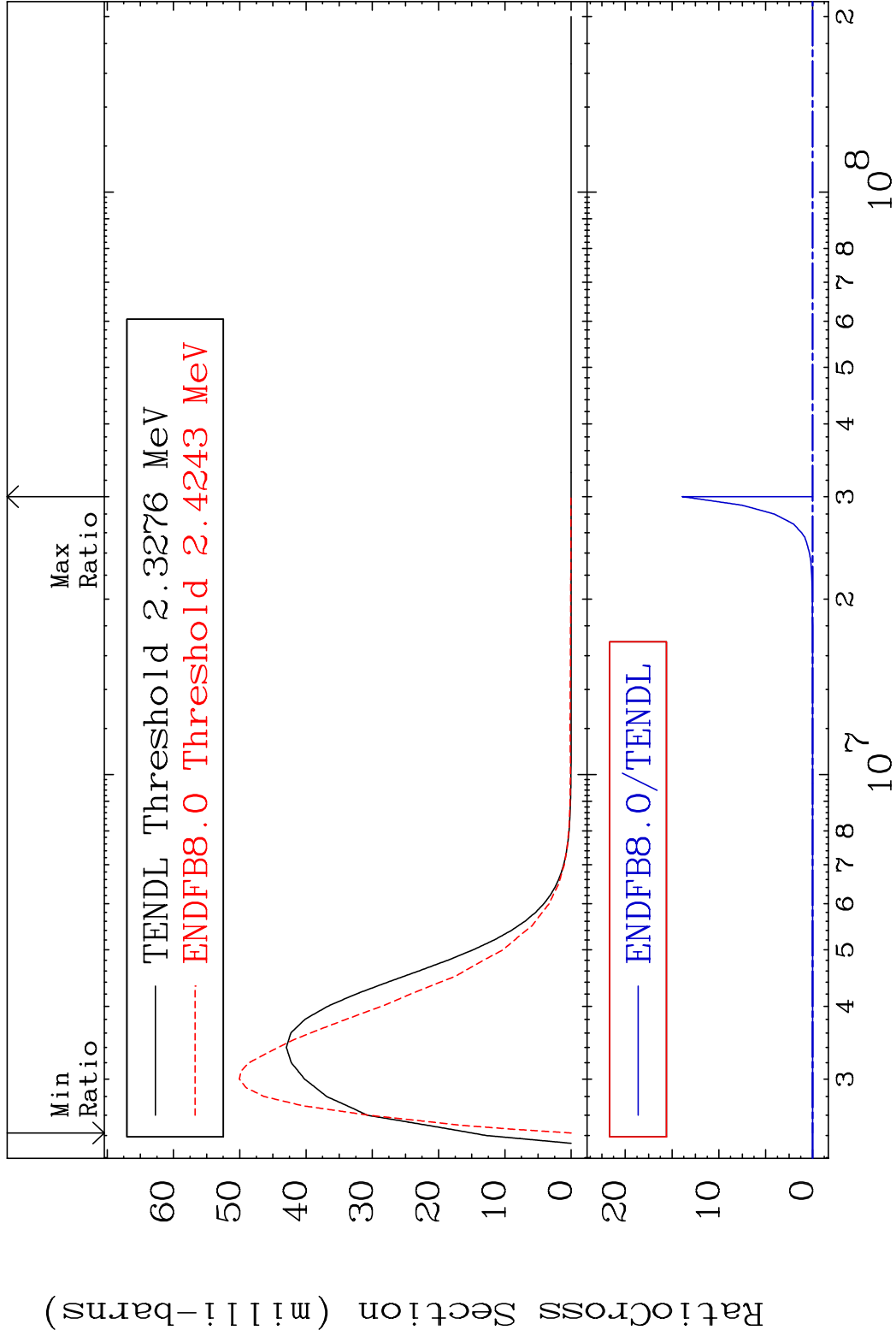
MAT 4637 MT= 69 (n,n') Level 46-Pd-106
Cross Section -100.0 To -41.72%



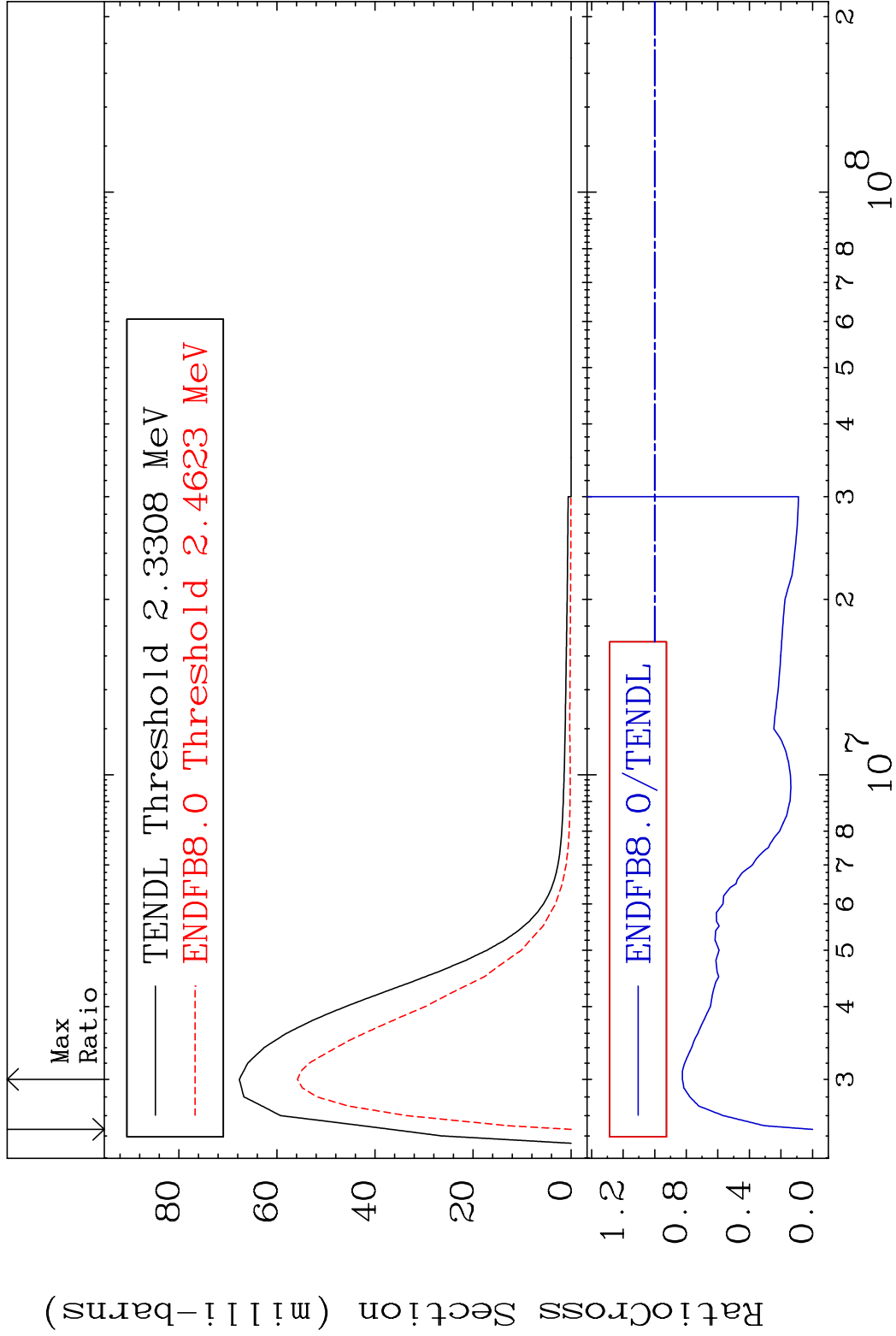
30 Incident Energy (eV) 46-Pd-106



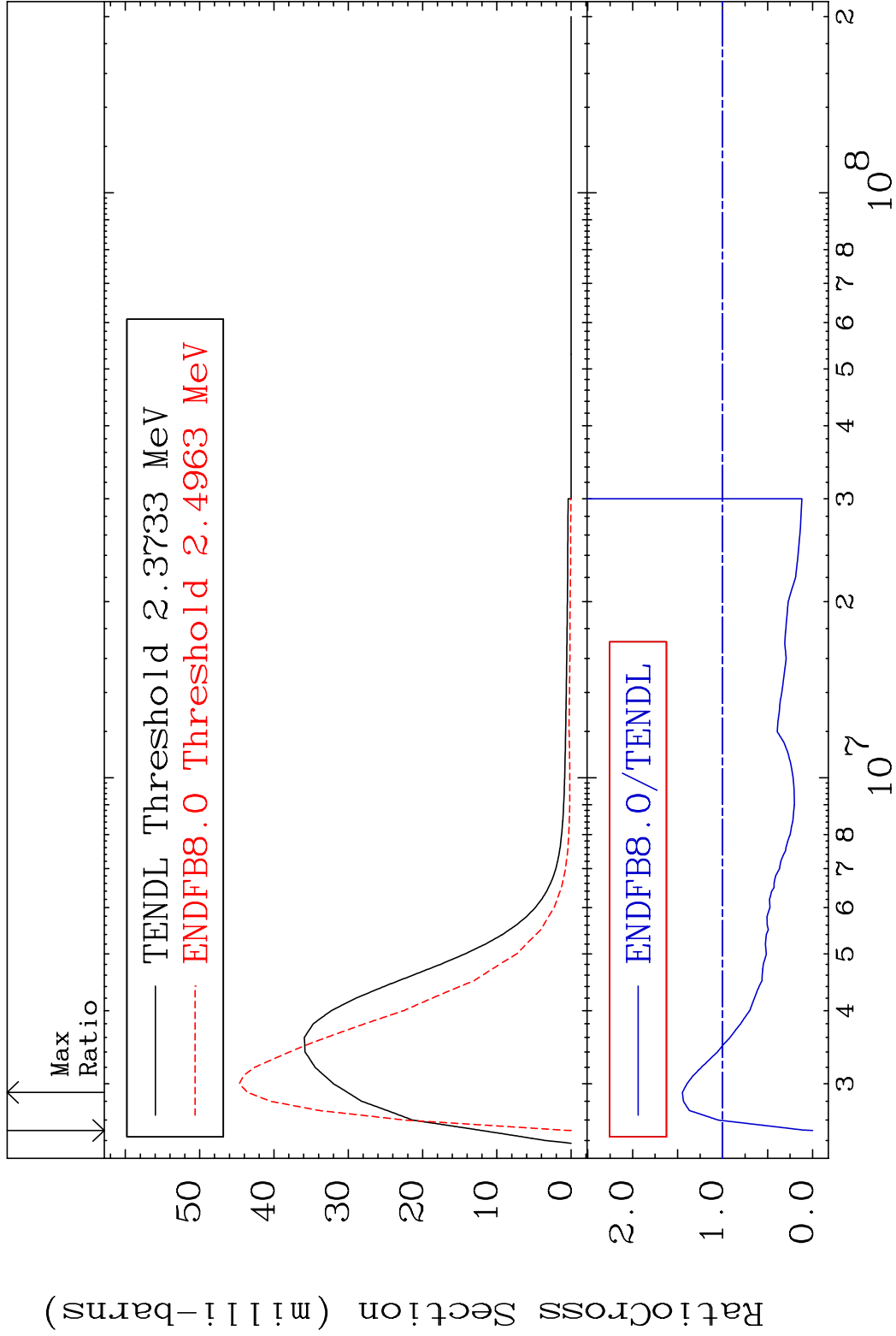


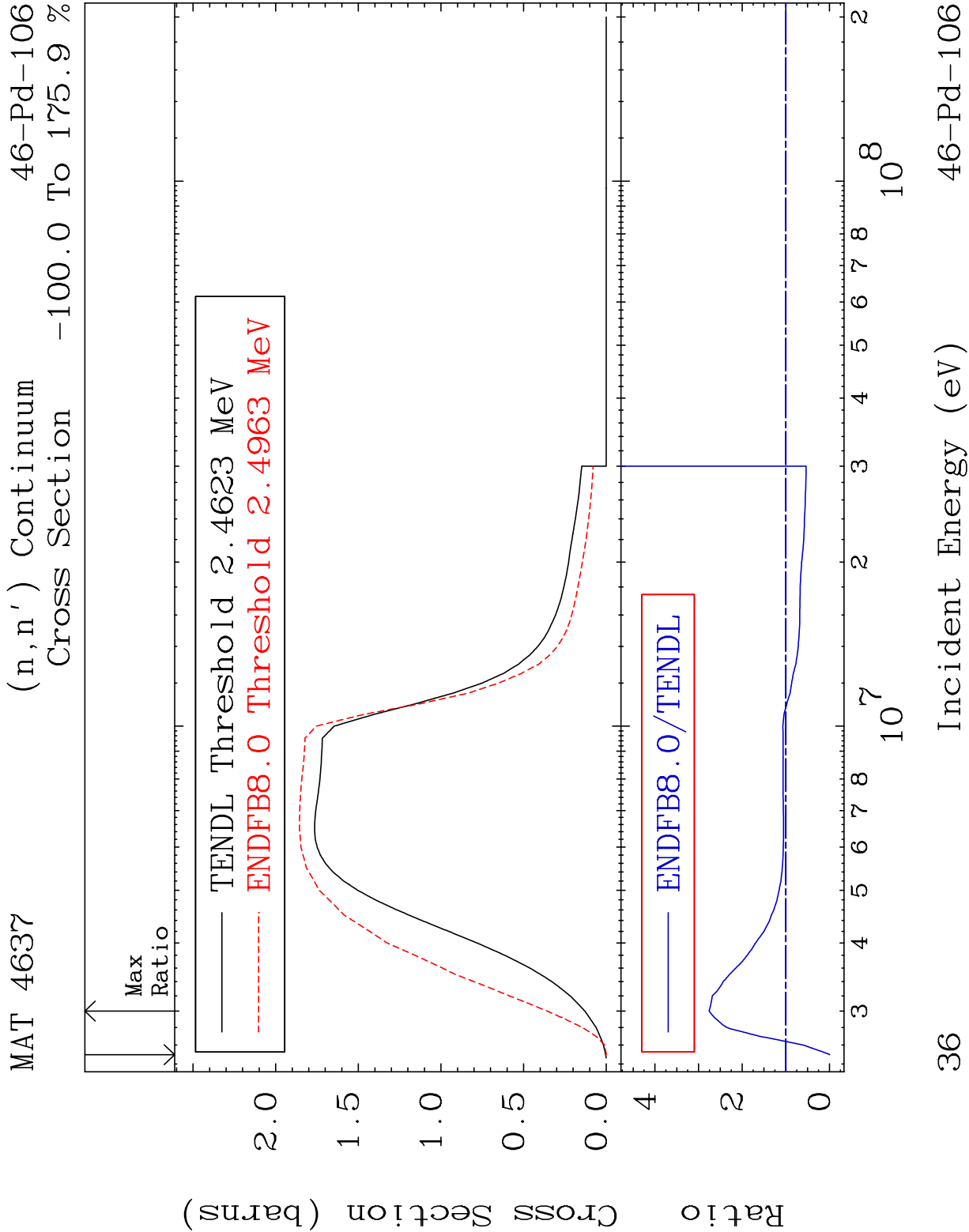


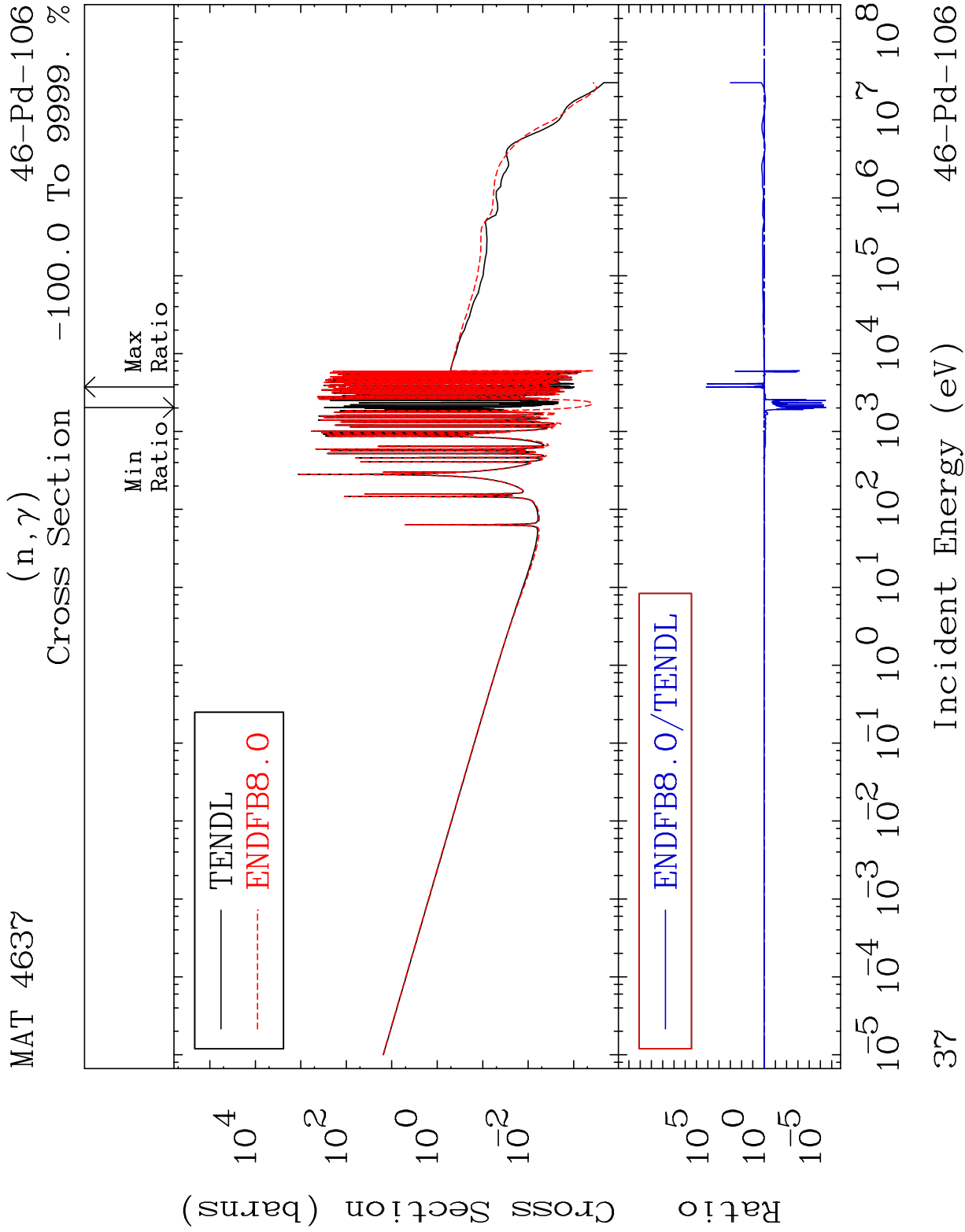
MAT 4637 MT= 73 (n,n') Level 46-Pd-106
Cross Section -100.0 To -17.53%

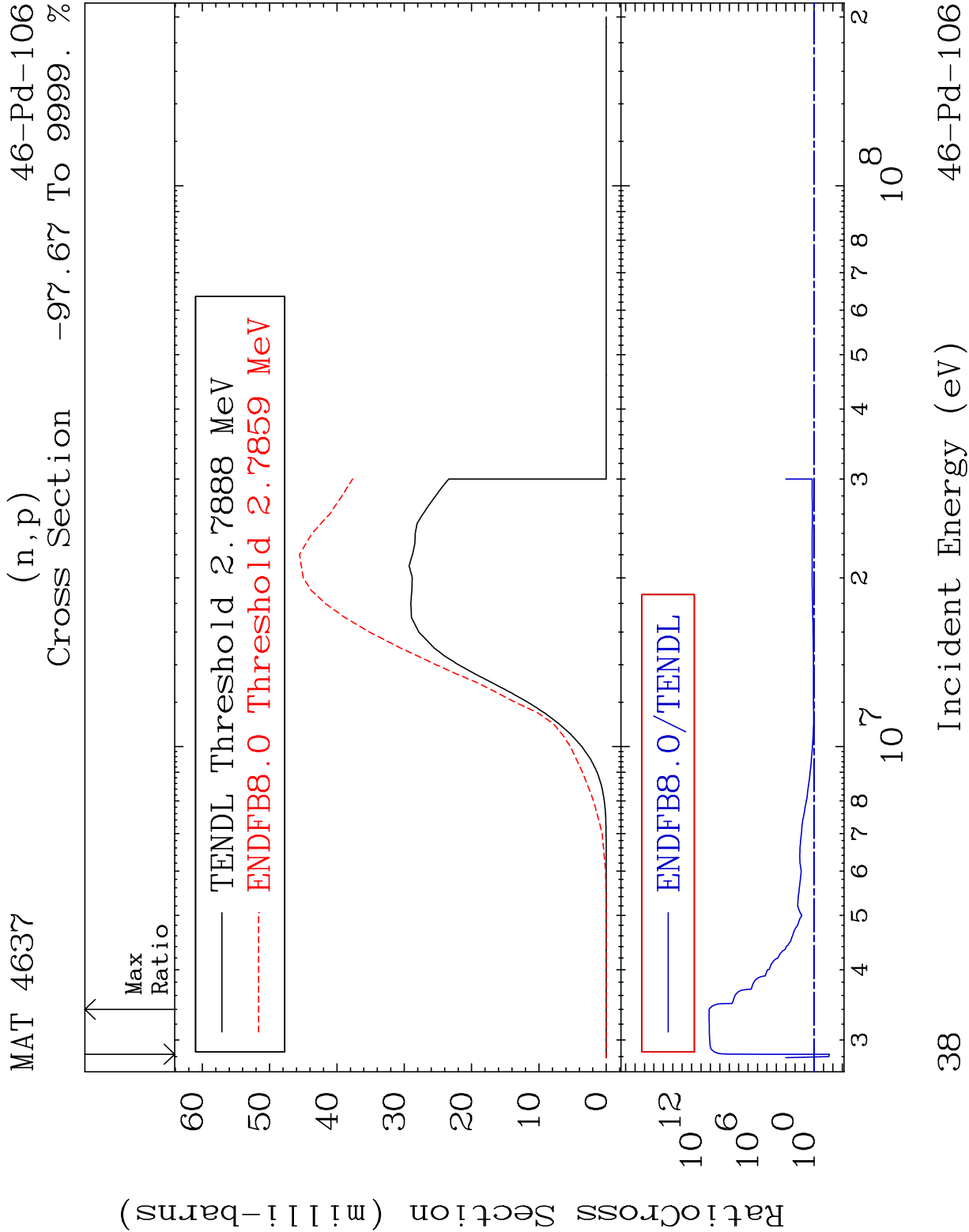


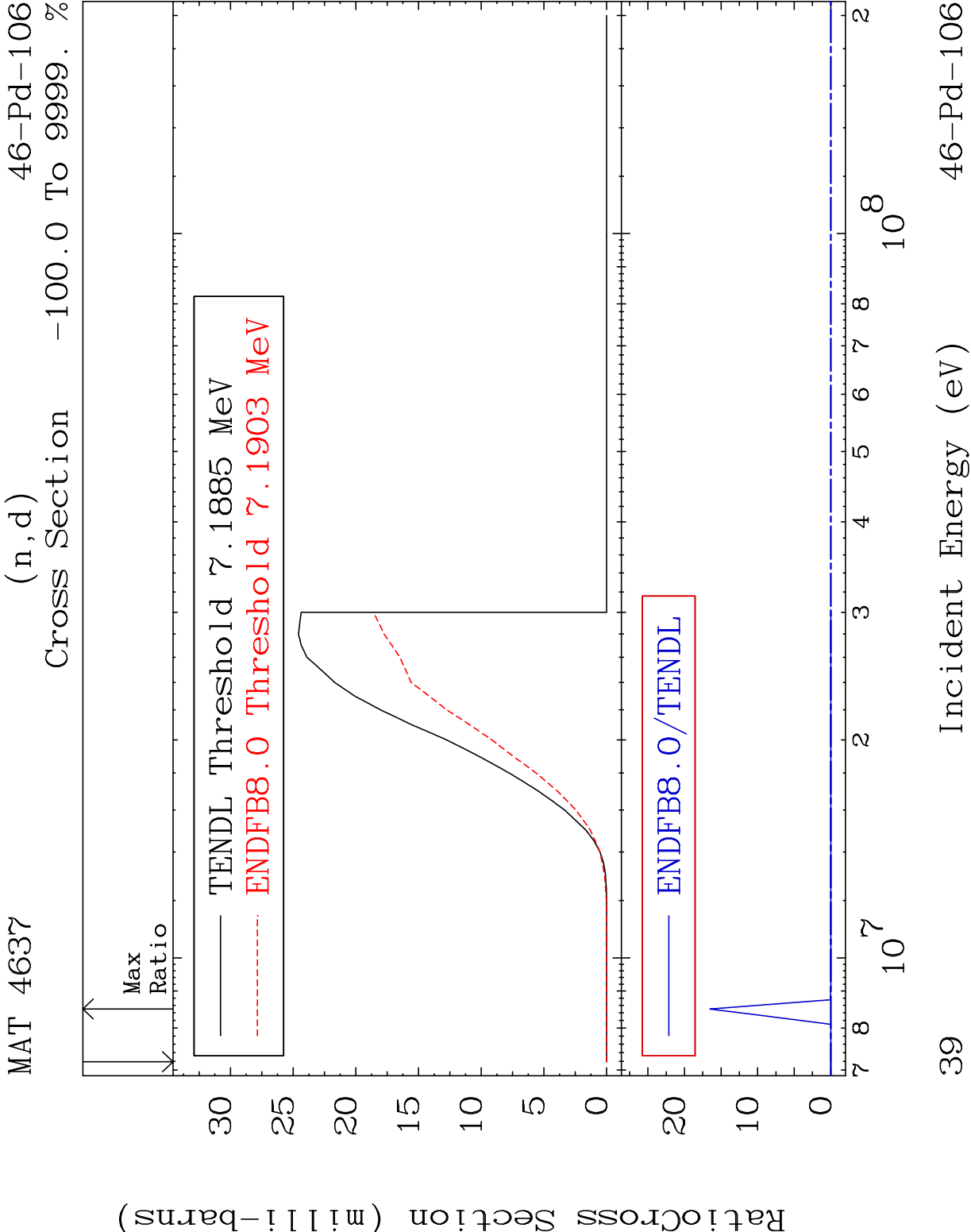
MAT 4637 MT= 74 (n,n') Level 46-Pd-106
Cross Section -100.0 To 44.72 %

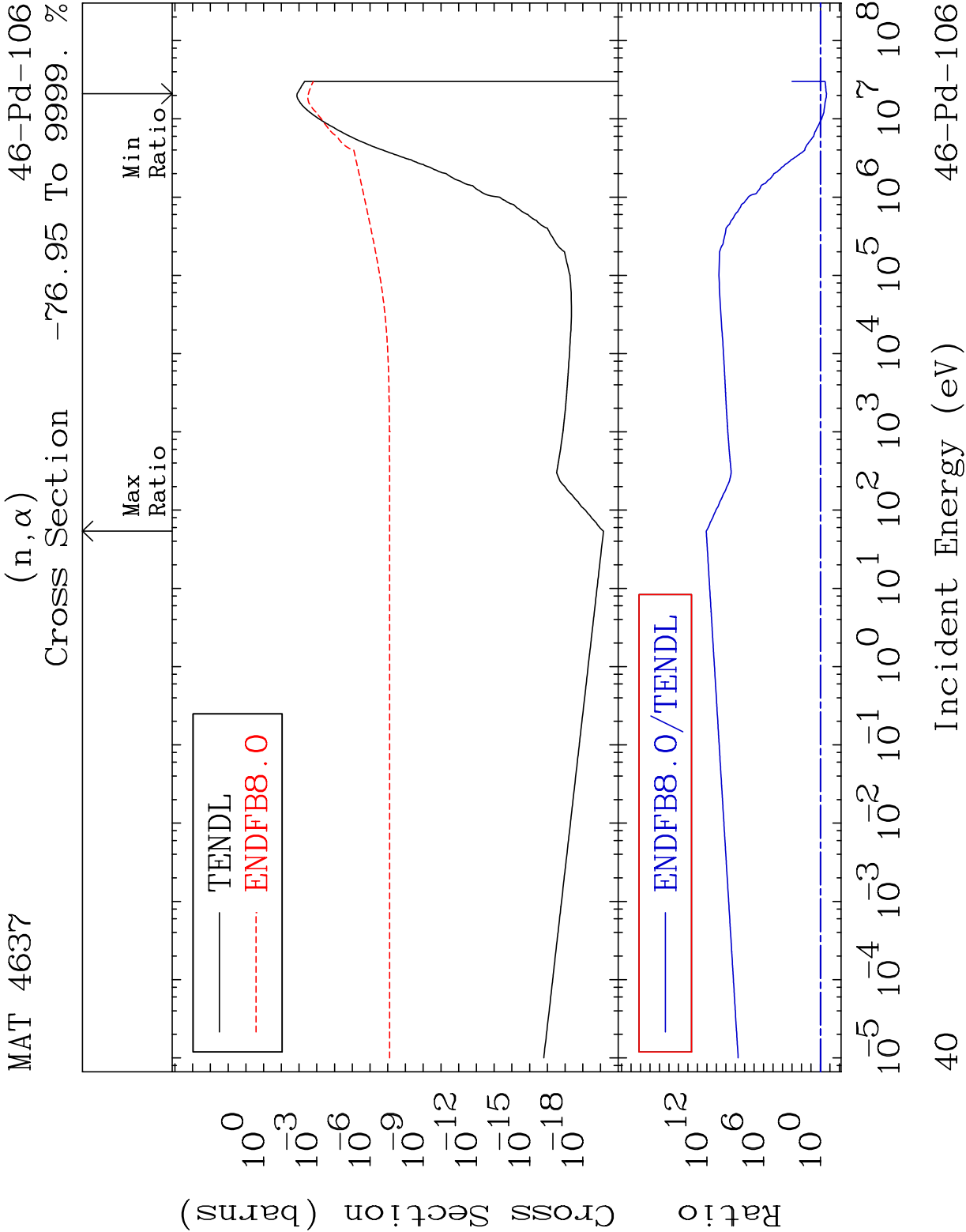


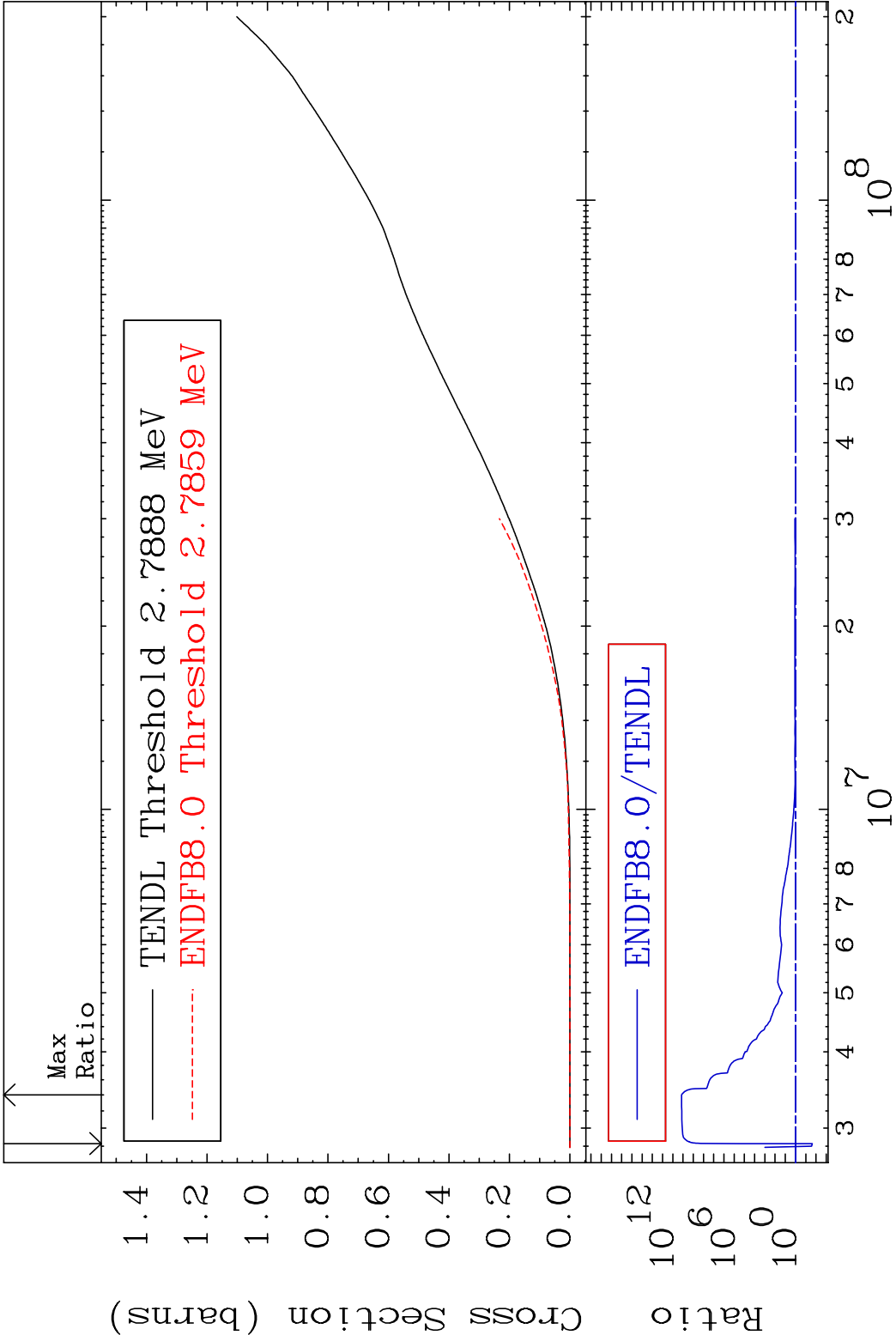




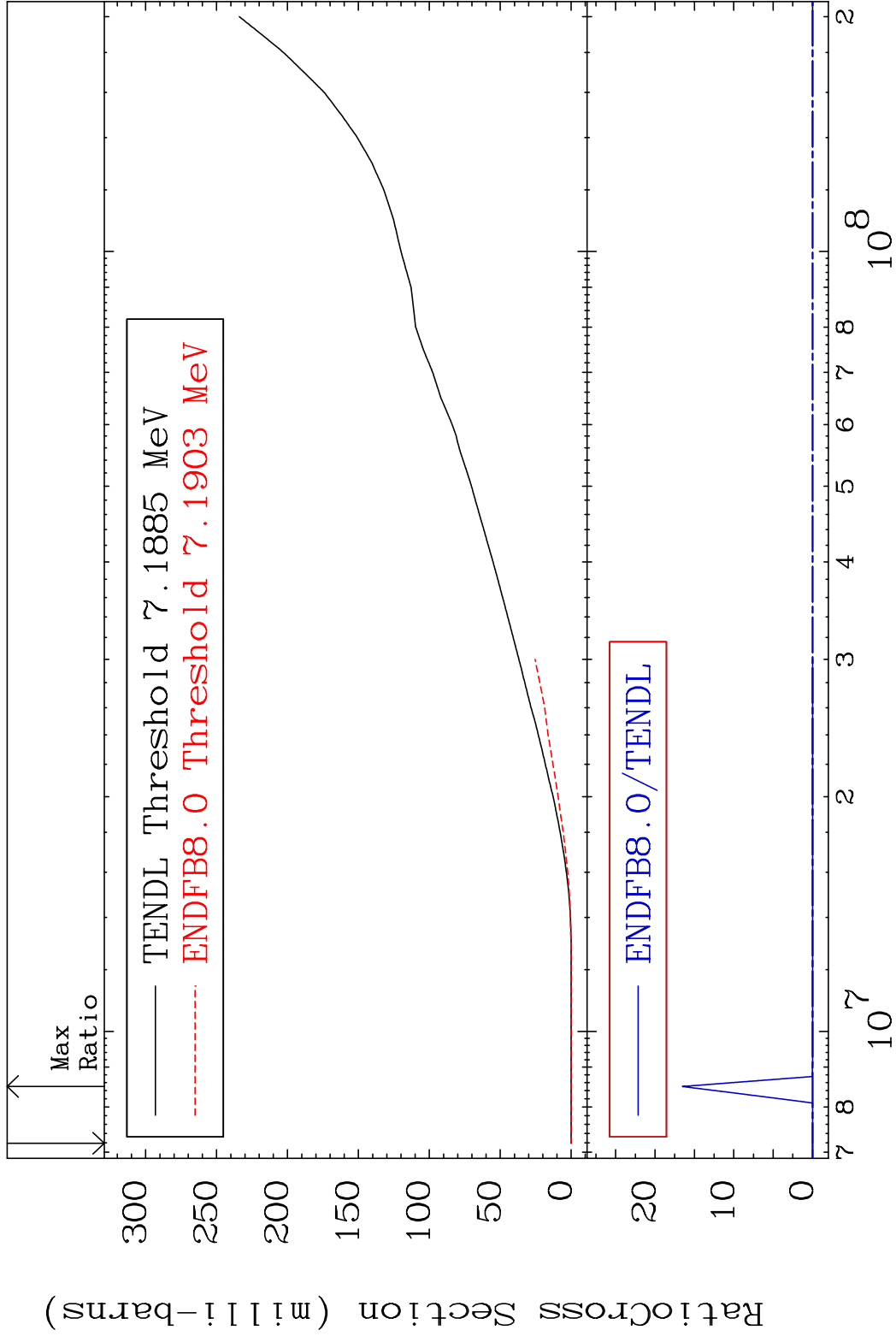






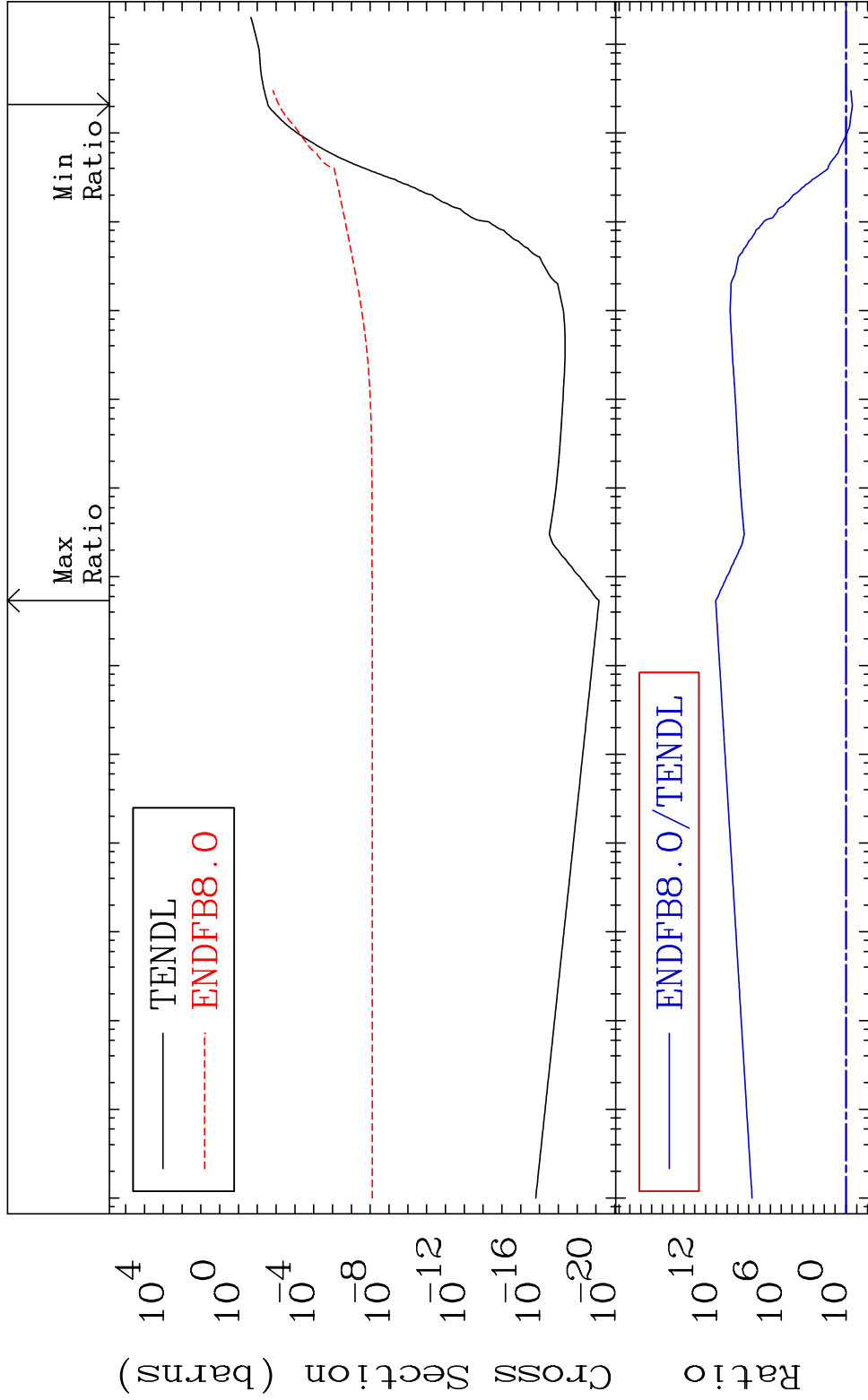


MAT 4637 Deuterium Production 46-Pd-106
Cross Section -100.0 To 9999. %



42 Incident Energy (eV) 46-Pd-106

MAT 4637 He-4 Production 46-Pd-106
Cross Section -73.61 To 9999. %



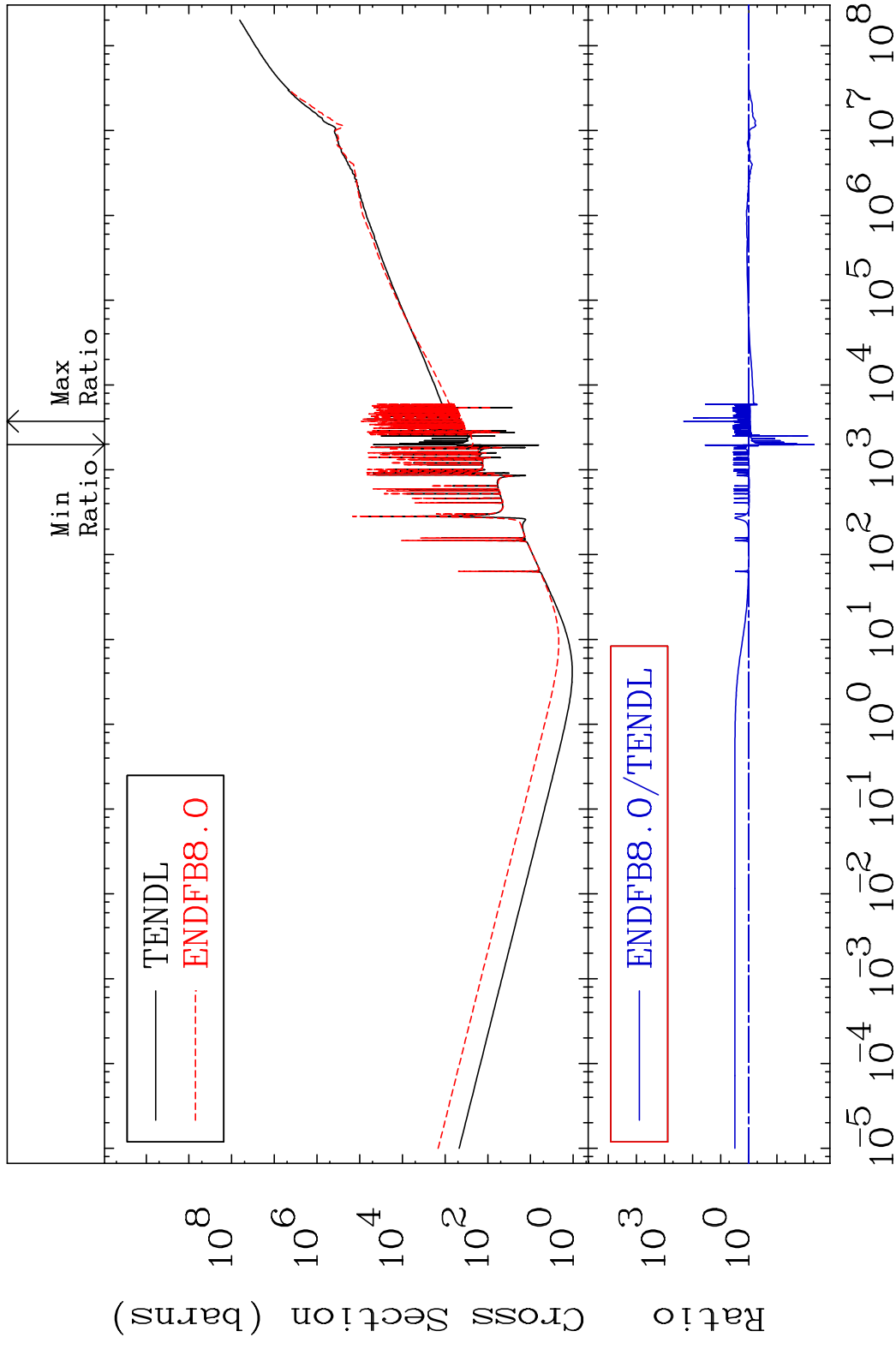
43 Incident Energy (eV) 46-Pd-106

MAT 4637

Kerma total (eV-barns)

46-Pd-106

Cross Section -99.53 To 9999. %

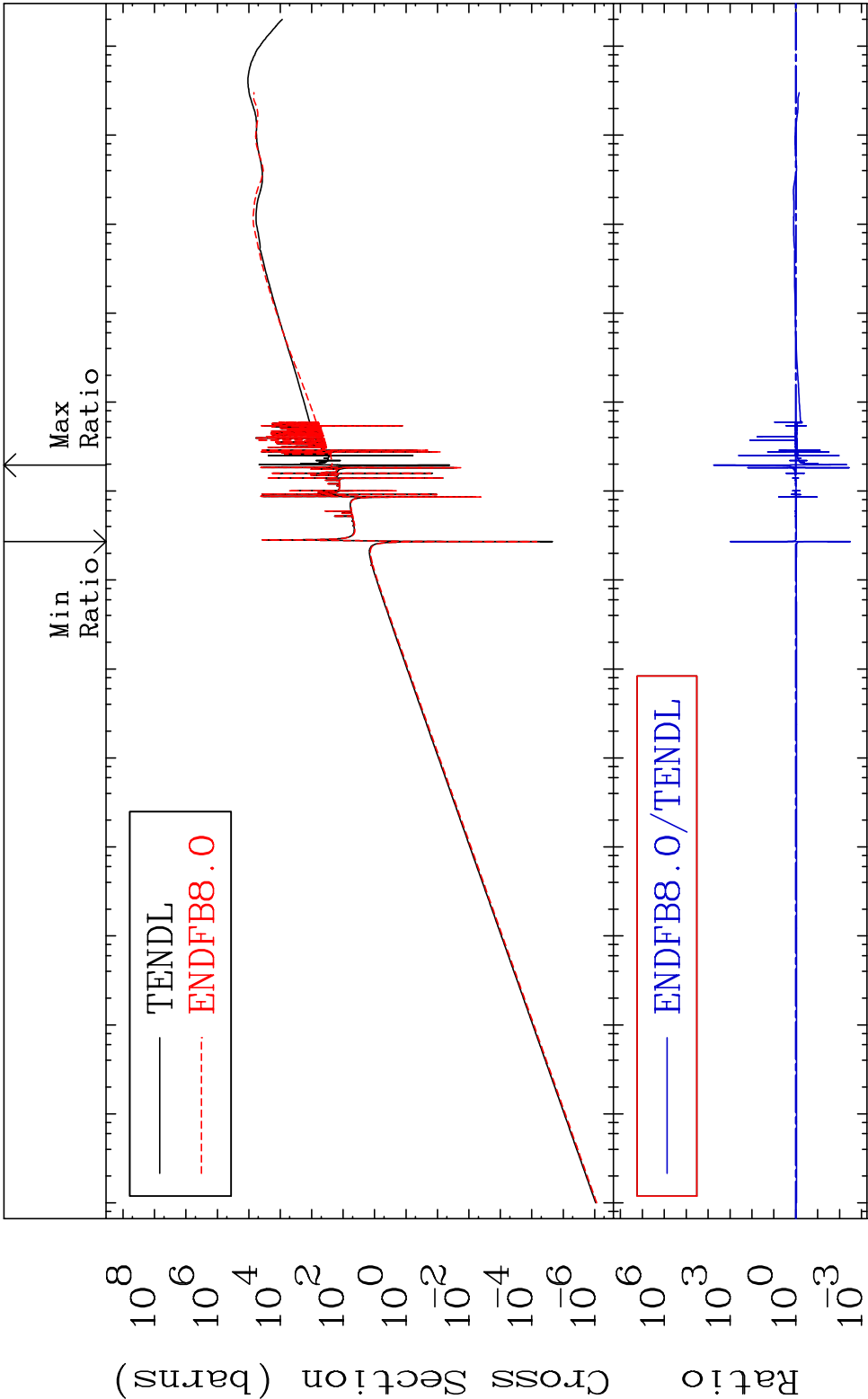


44

Incident Energy (eV)

46-Pd-106

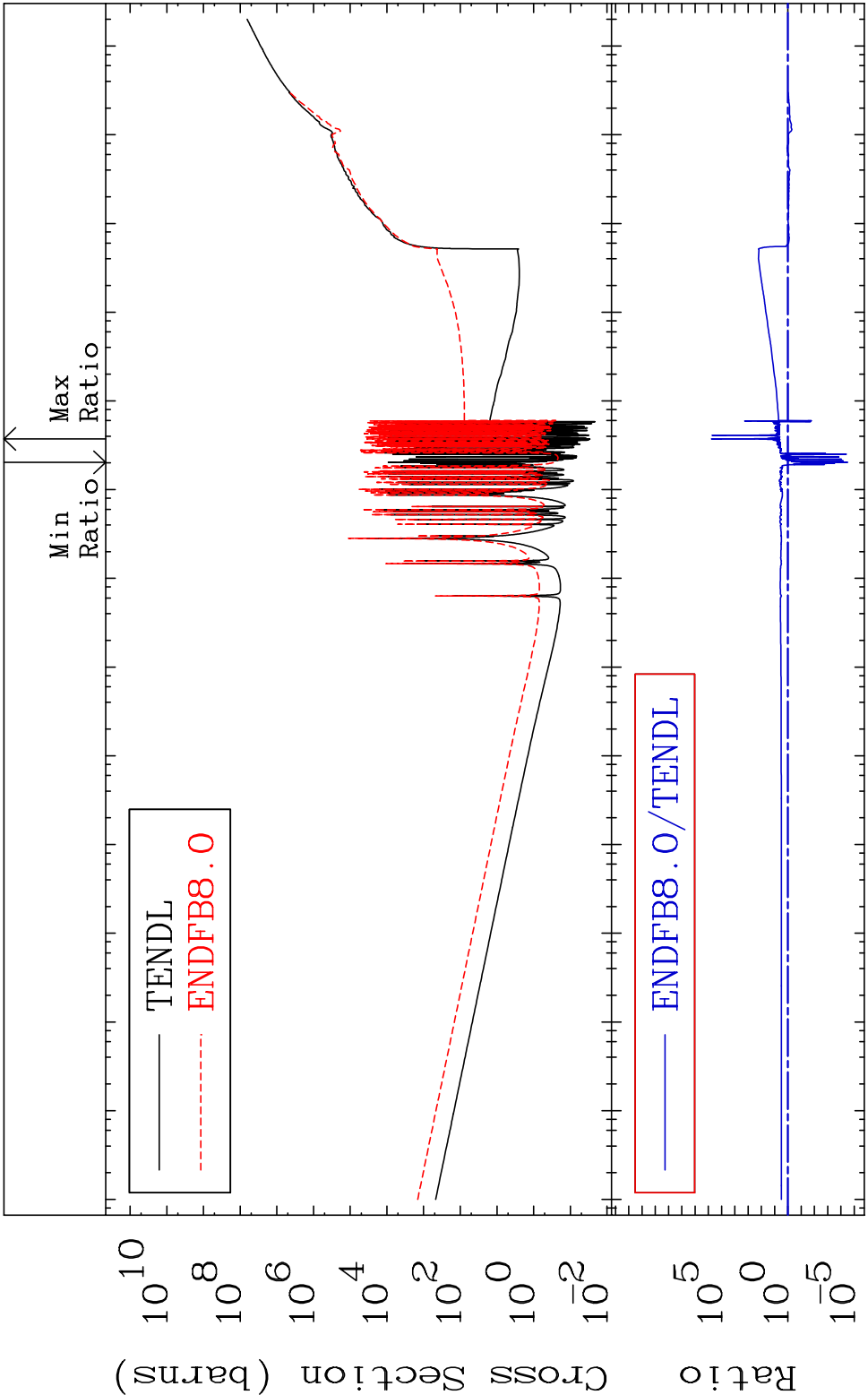
MAT 4637 Kerma elastic 46-Pd-106
 Cross Section -99.68 To 9999. %



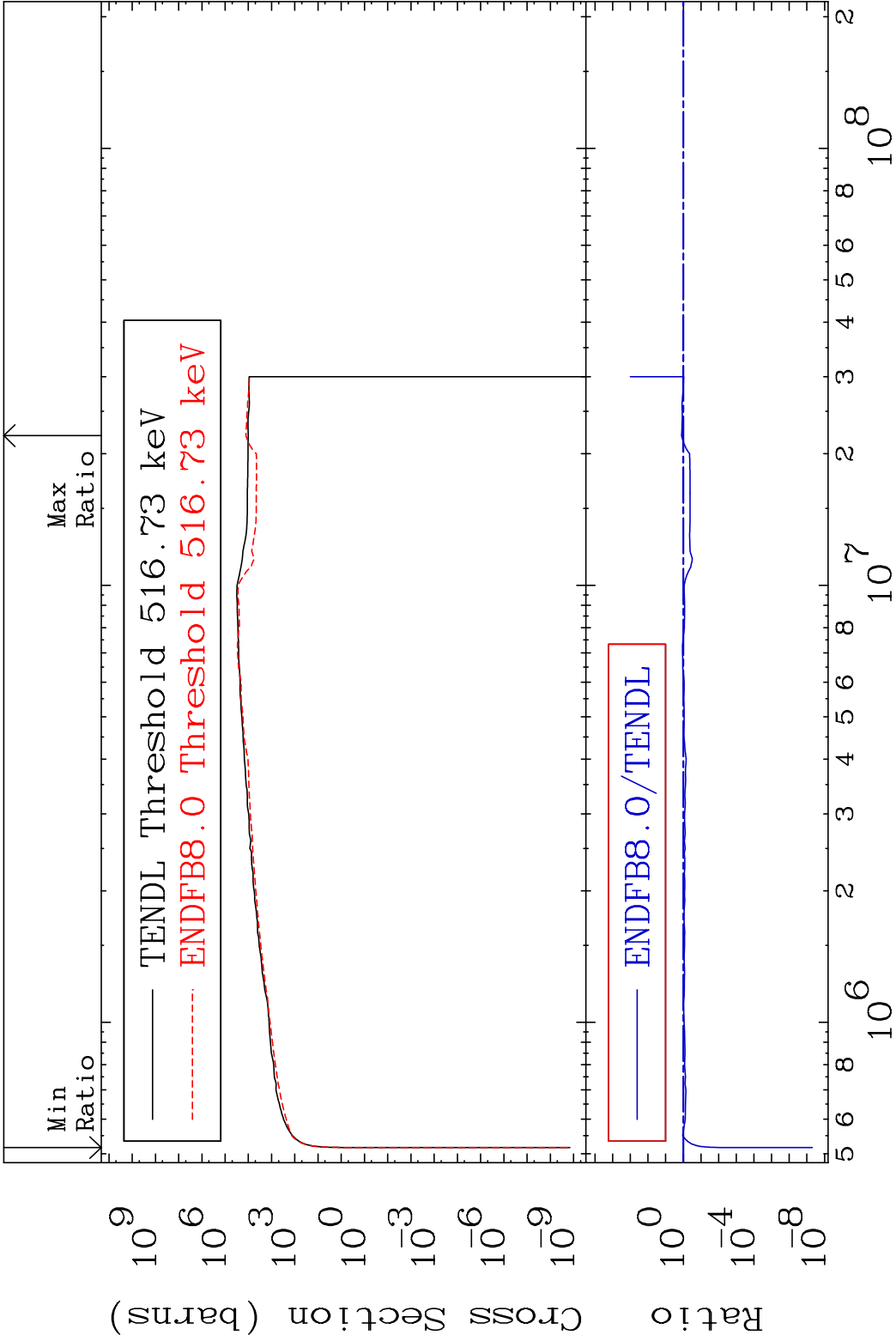
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

45 Incident Energy (eV) 46-Pd-106

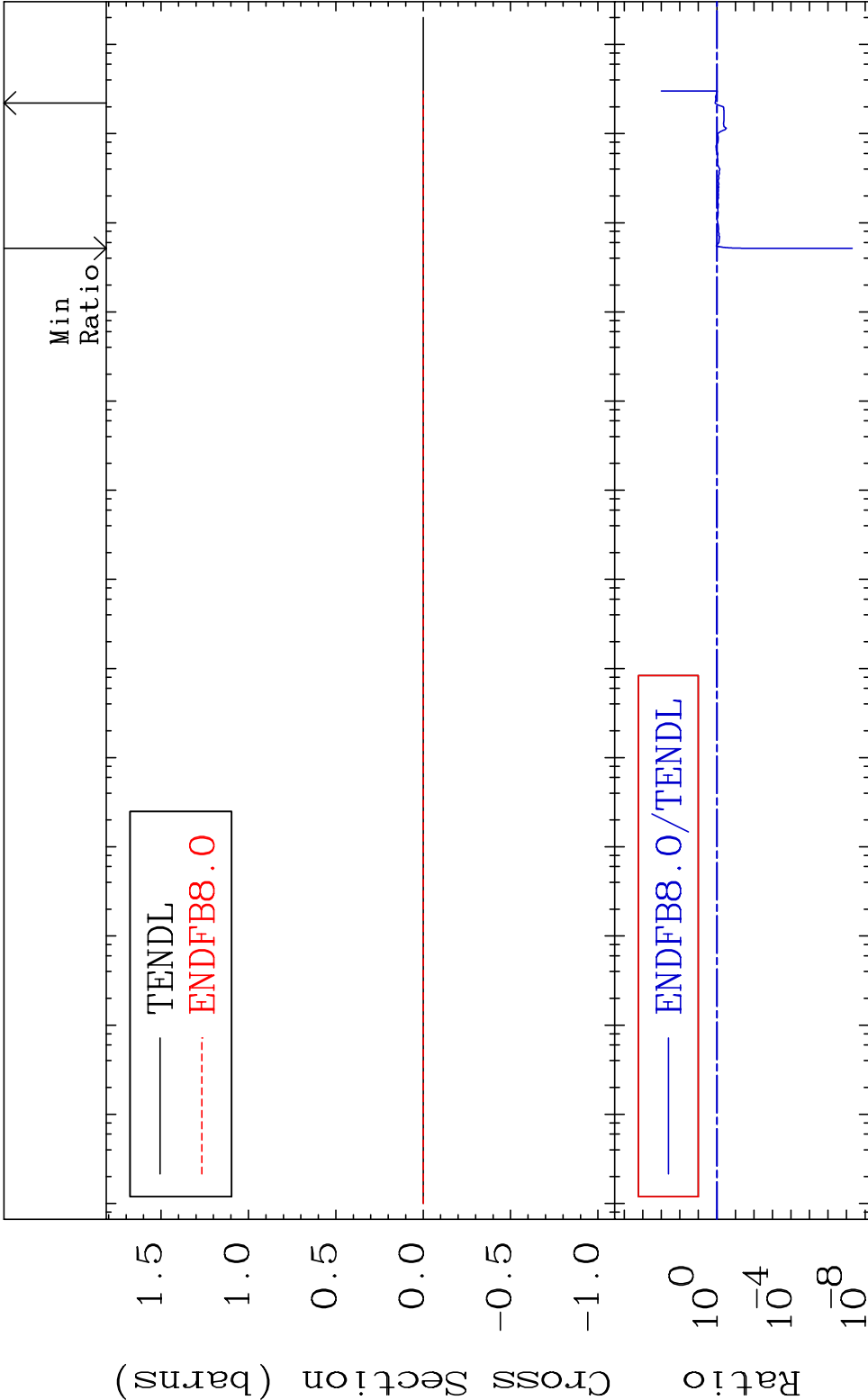
MAT 4637 Kerma non-elastic (all but mt2) 46-Pd-106
Cross Section -100.0 To 9999. %



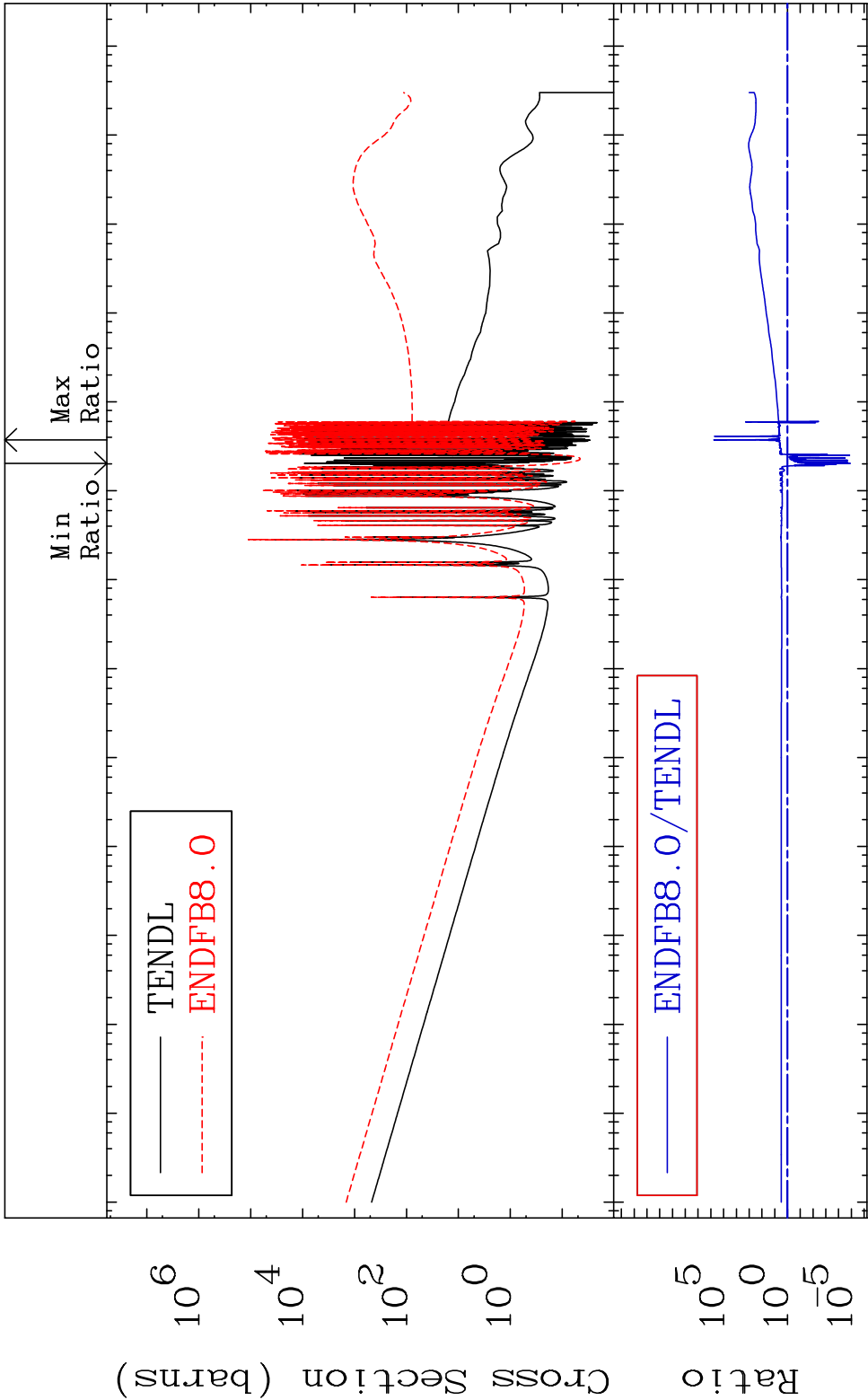
46 Incident Energy (eV) 46-Pd-106

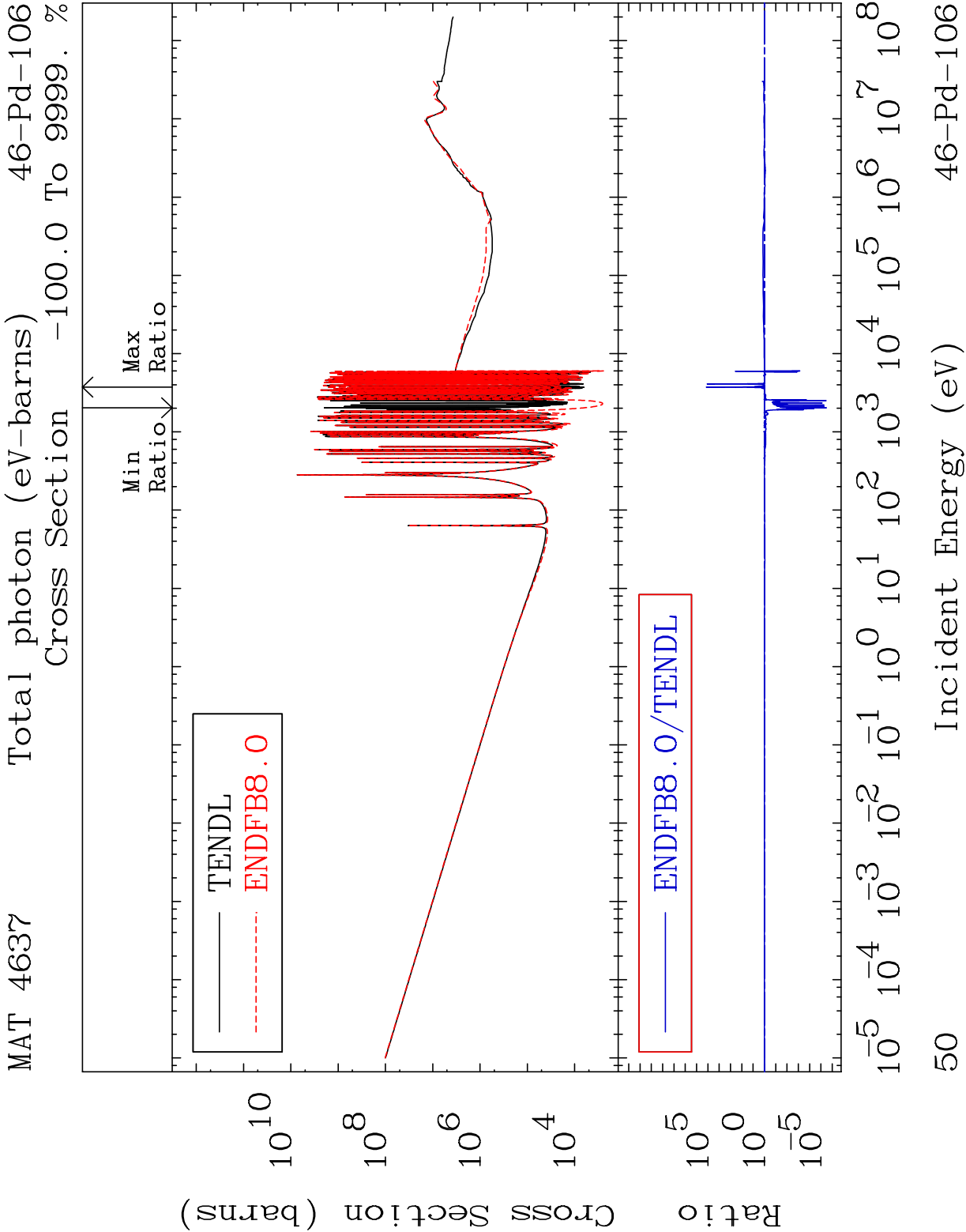


MAT 4637 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-106
Cross Section -100.0 To 26.03 %

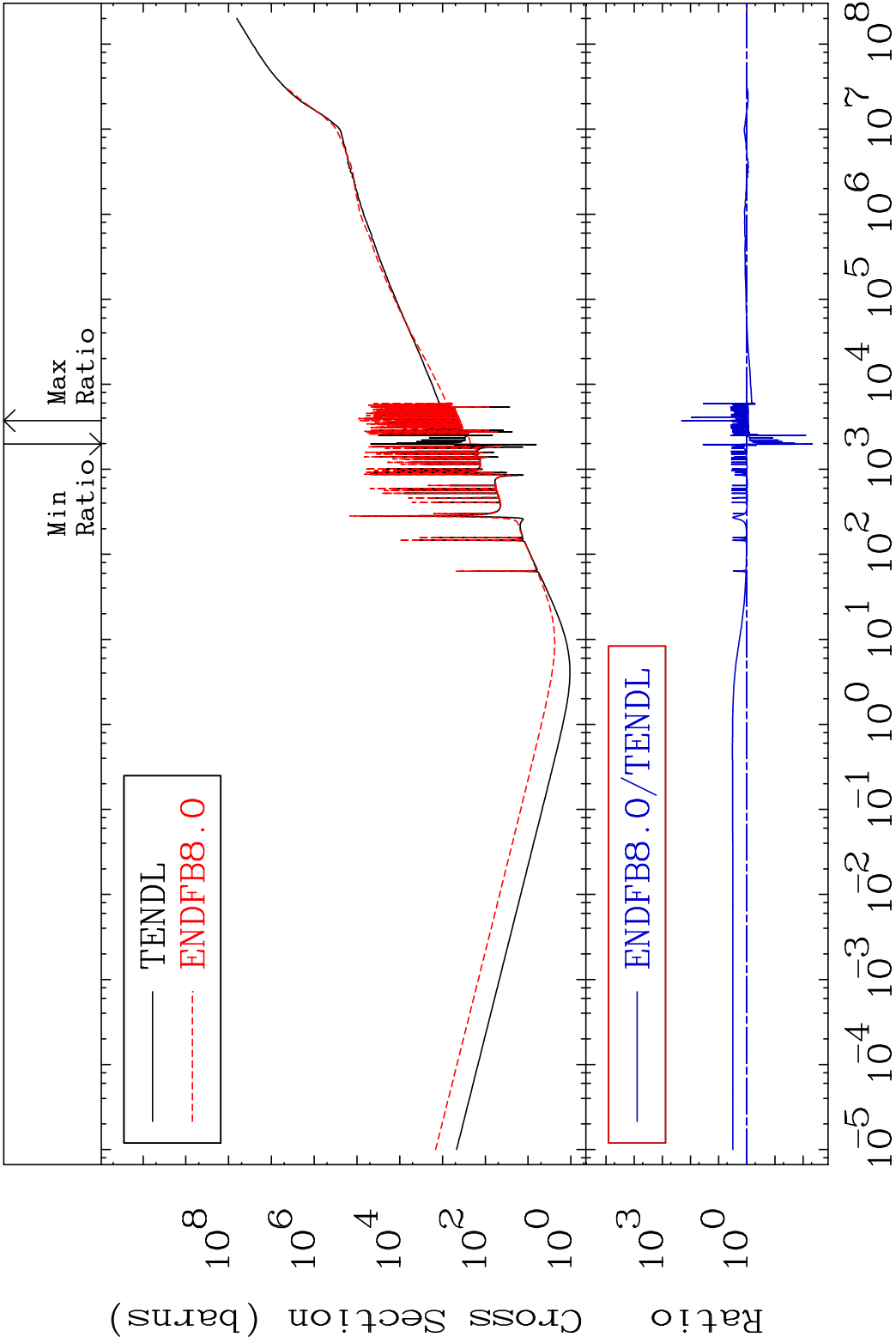


MAT 4637 Kerma capture (mt102) 46-Pd-106
Cross Section -100.0 To 9999. %

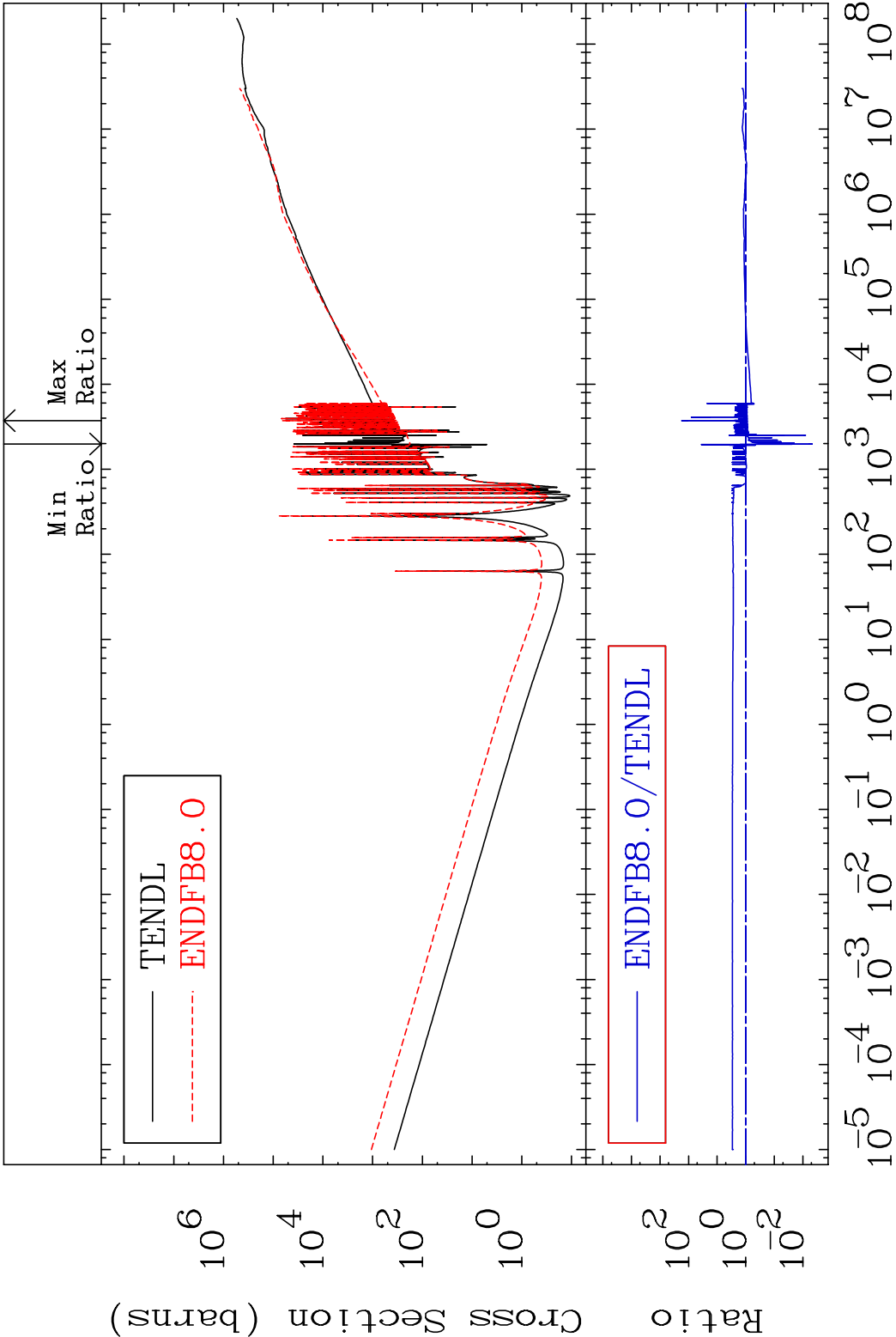




MAT 4637 Total kinematic kerma (high limit) 46-Pd-106
Cross Section -99.53 To 9999. %

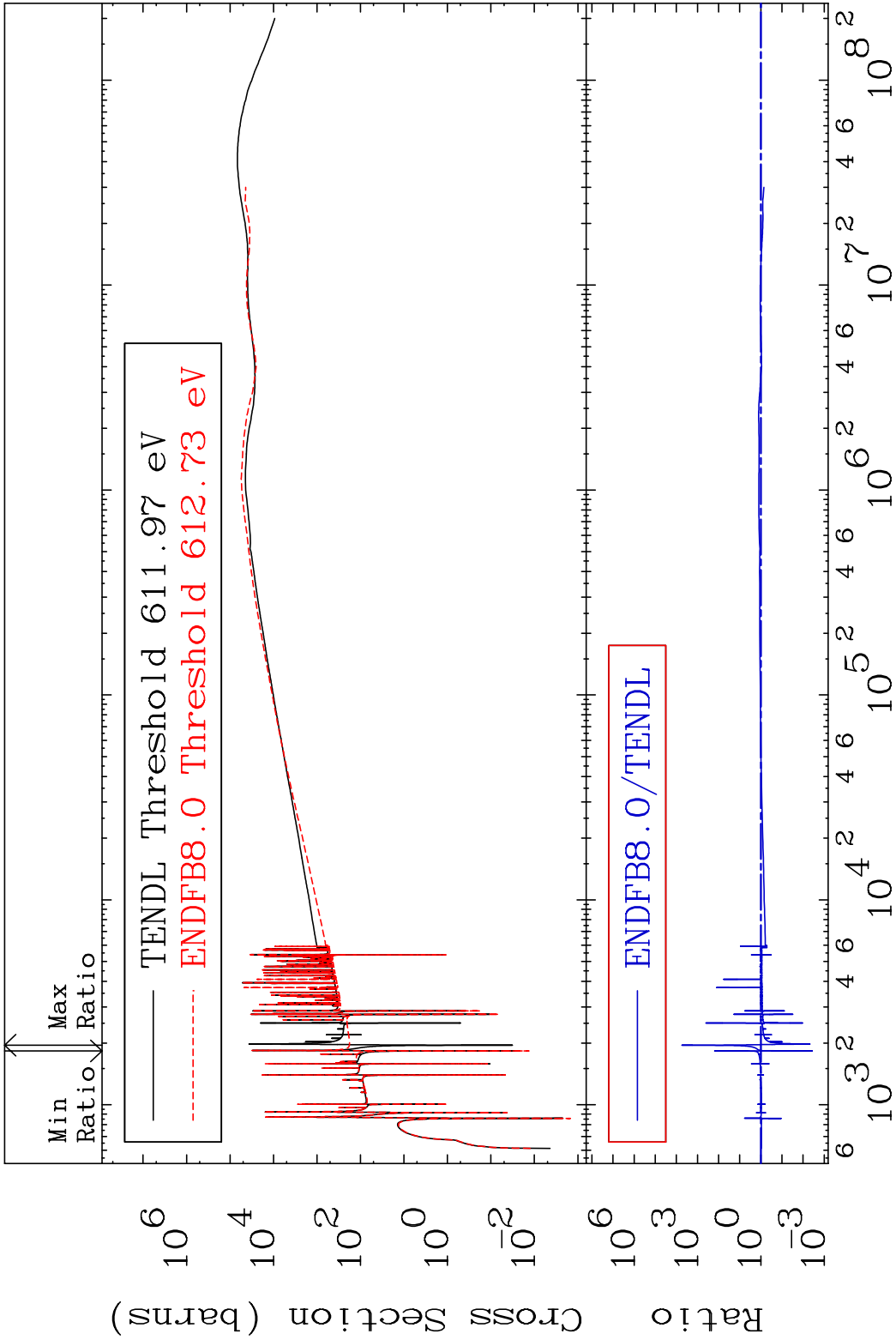


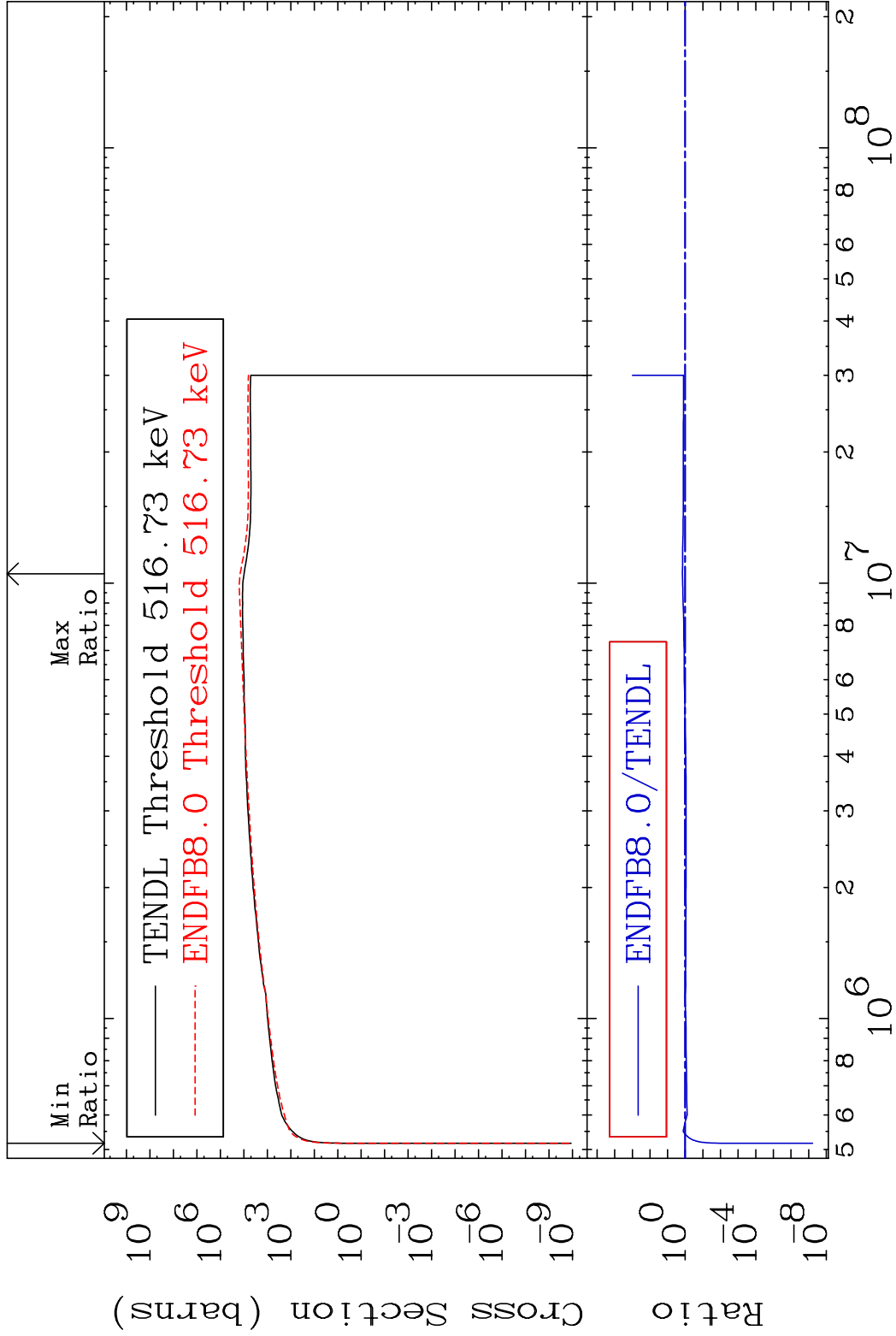
MAT 4637 Dpa total (eV-barns) 46-Pd-106
Cross Section -99.53 To 9999. %



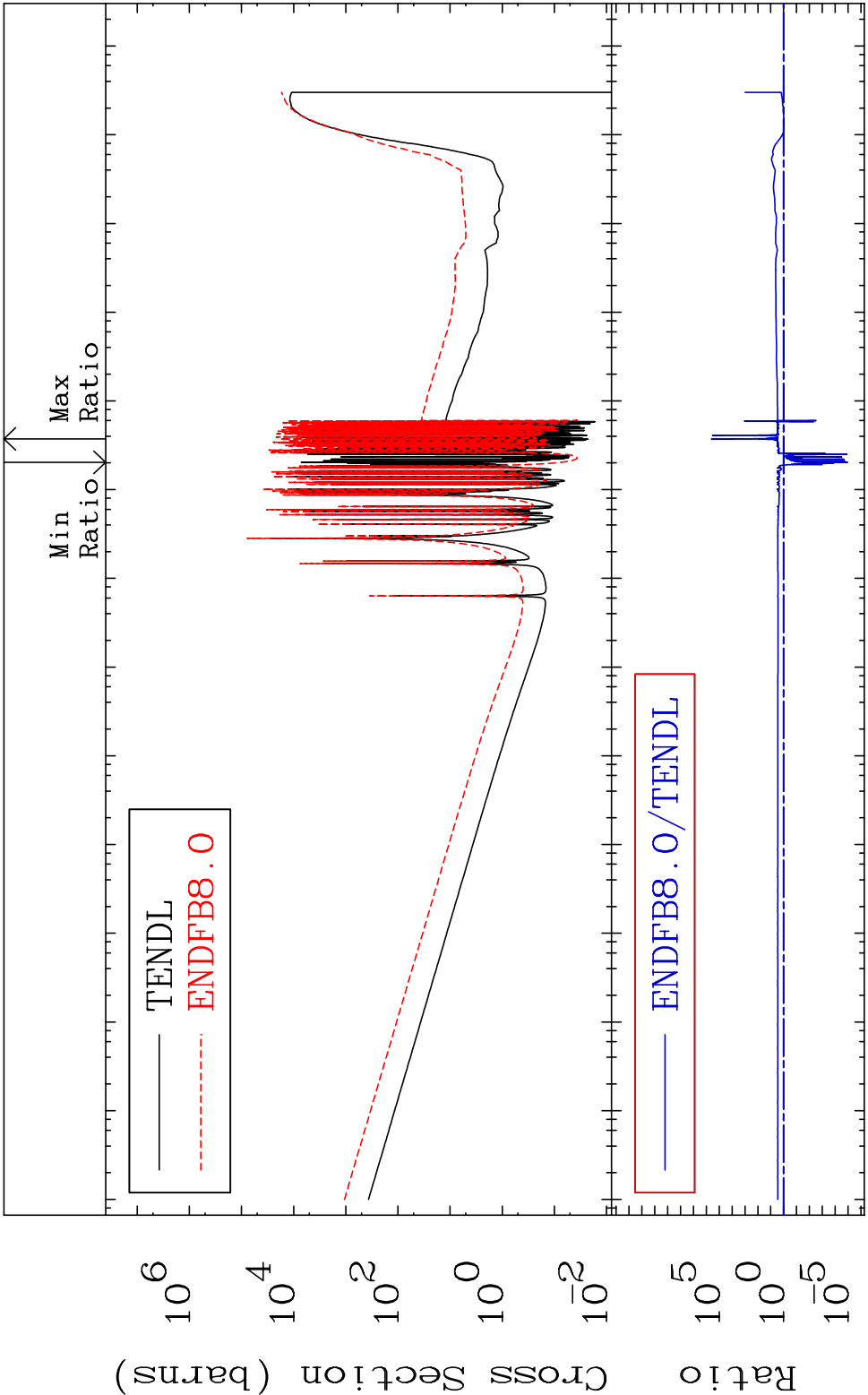
52 Incident Energy (eV) 46-Pd-106

MAT 4637	Dpa elastic (mt2)	46-Pd-106
	Cross Section	-99.64 To 9999. %





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



10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

55 Incident Energy (eV) 46-Pd-106