

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

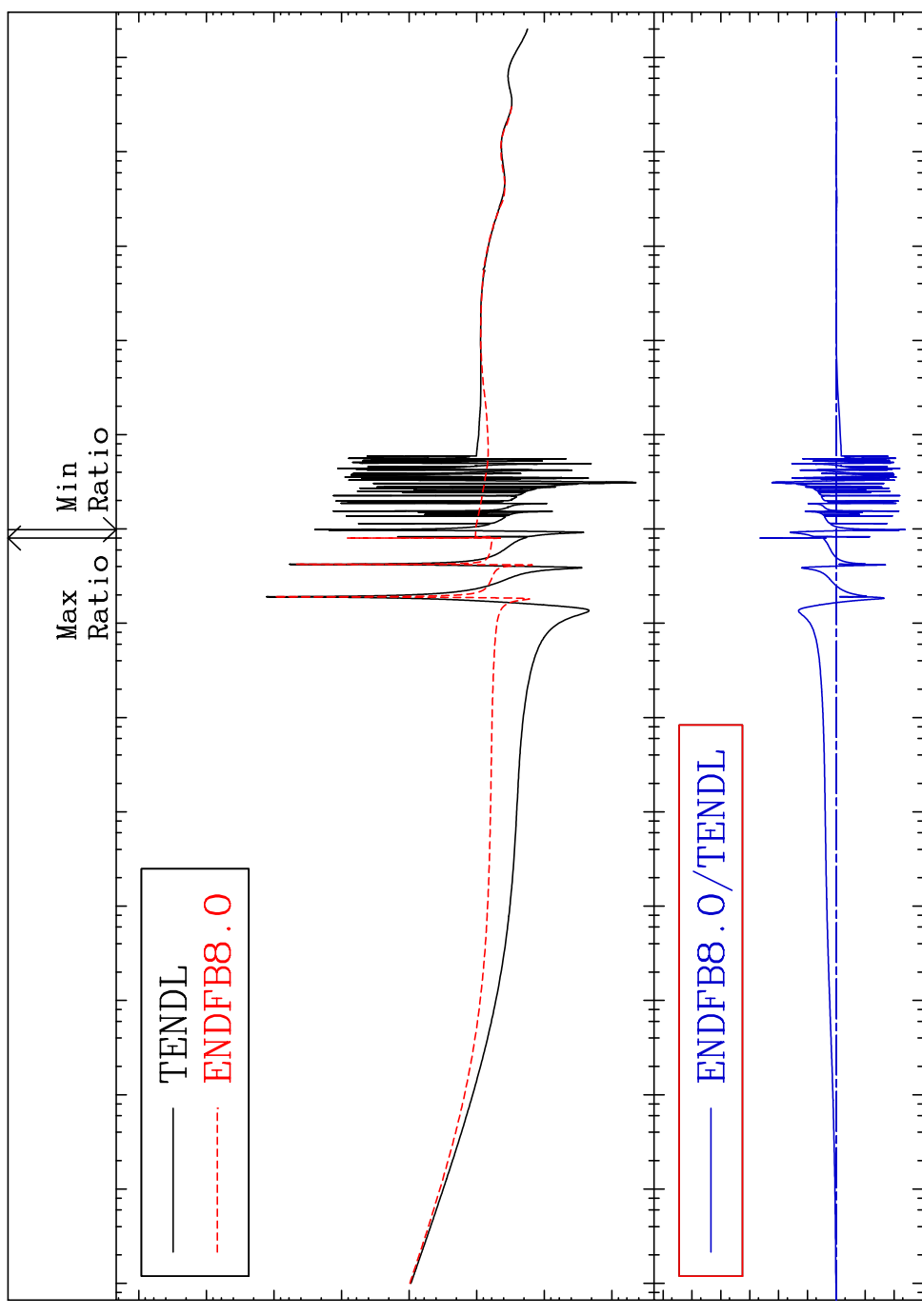
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 4625

Total Cross Section -99.59 To 9999. %
46-Pd-102



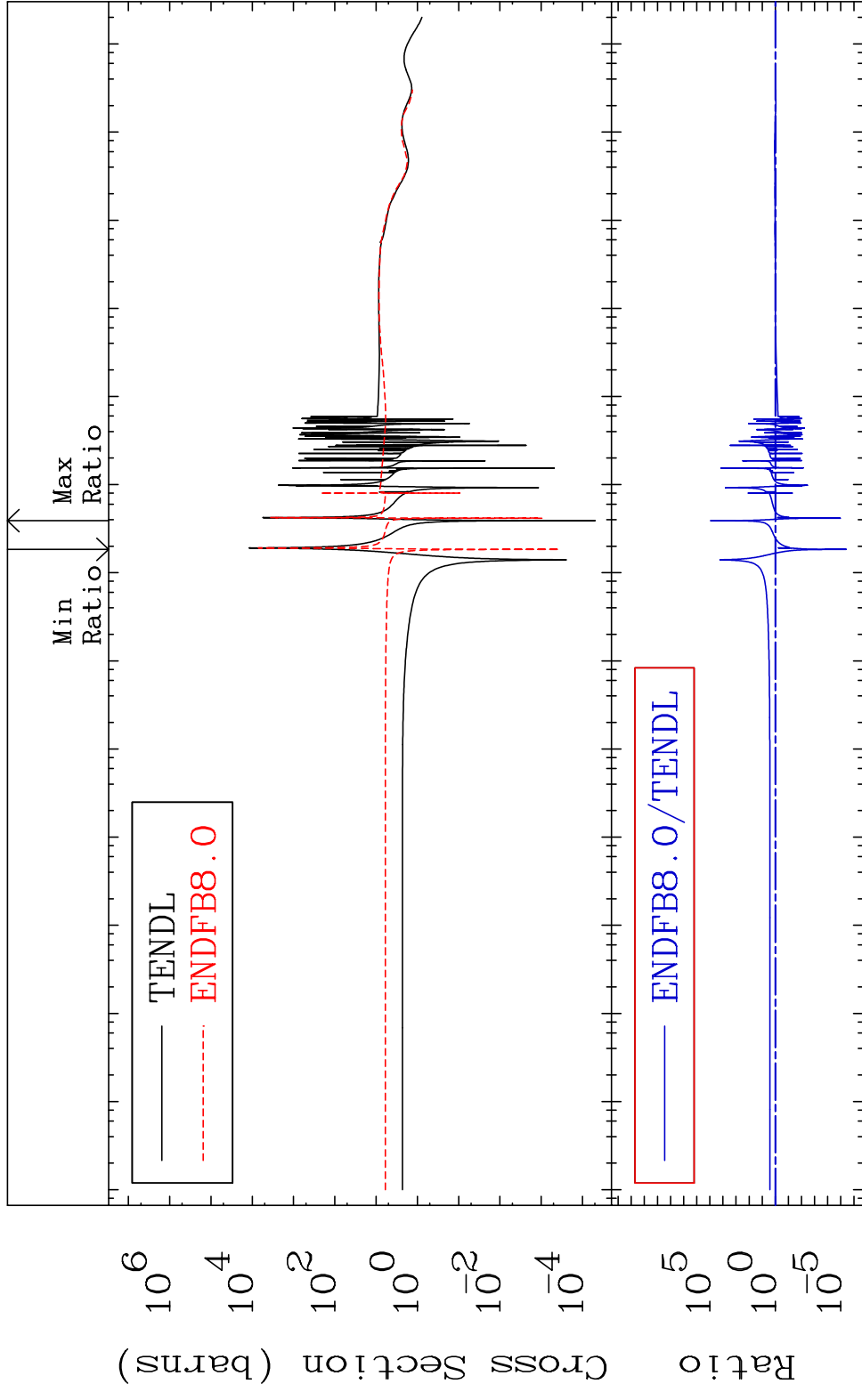
1 Incident Energy (eV) 46-Pd-102

MAT 4625

Elastic

46-Pd-102

Cross Section -100.0 To 9999. %

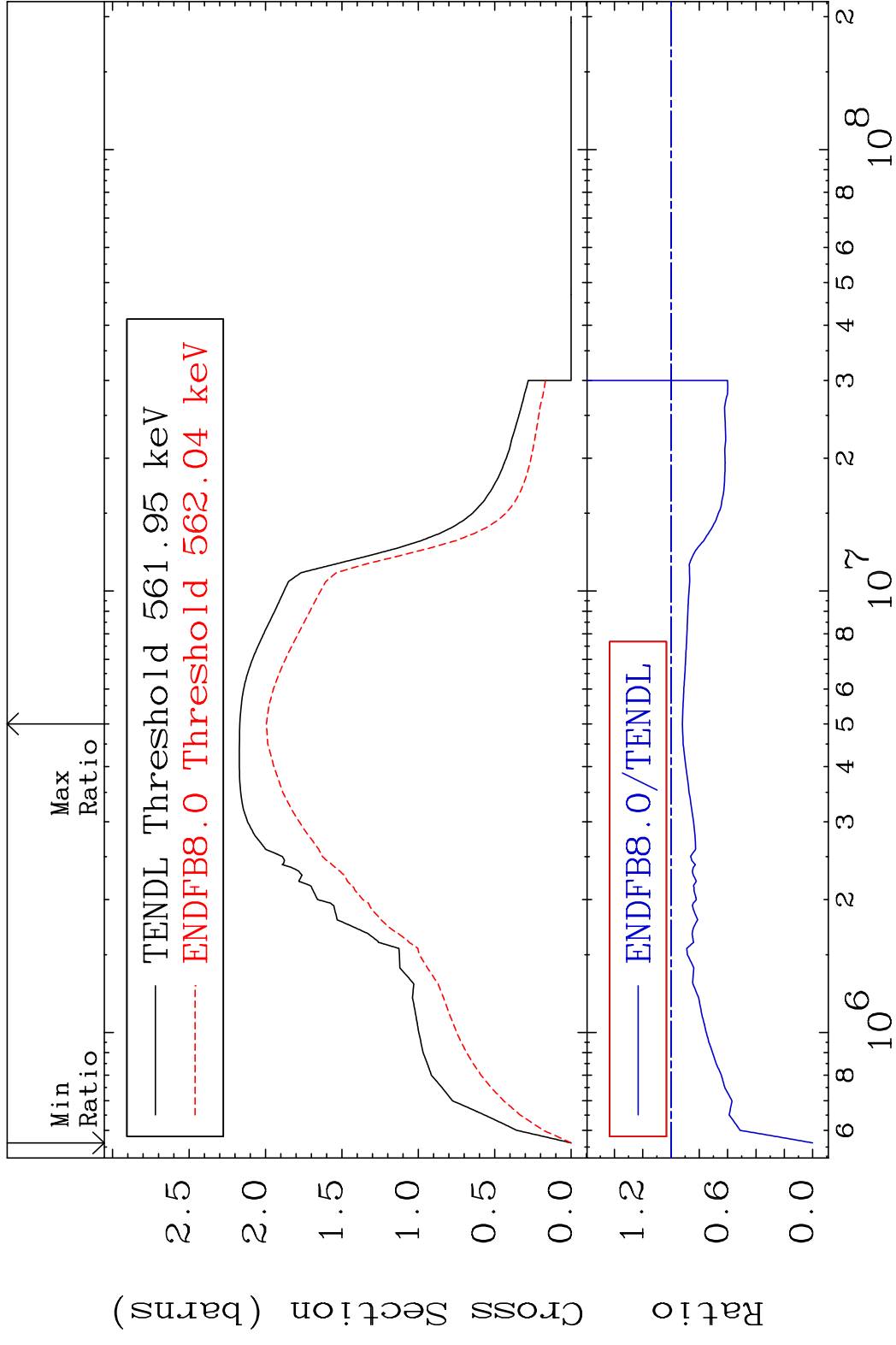


2

Incident Energy (eV)

46-Pd-102

MAT 4625 Inelastic 46-Pd-102
 Cross Section -100.0 To -8.005%

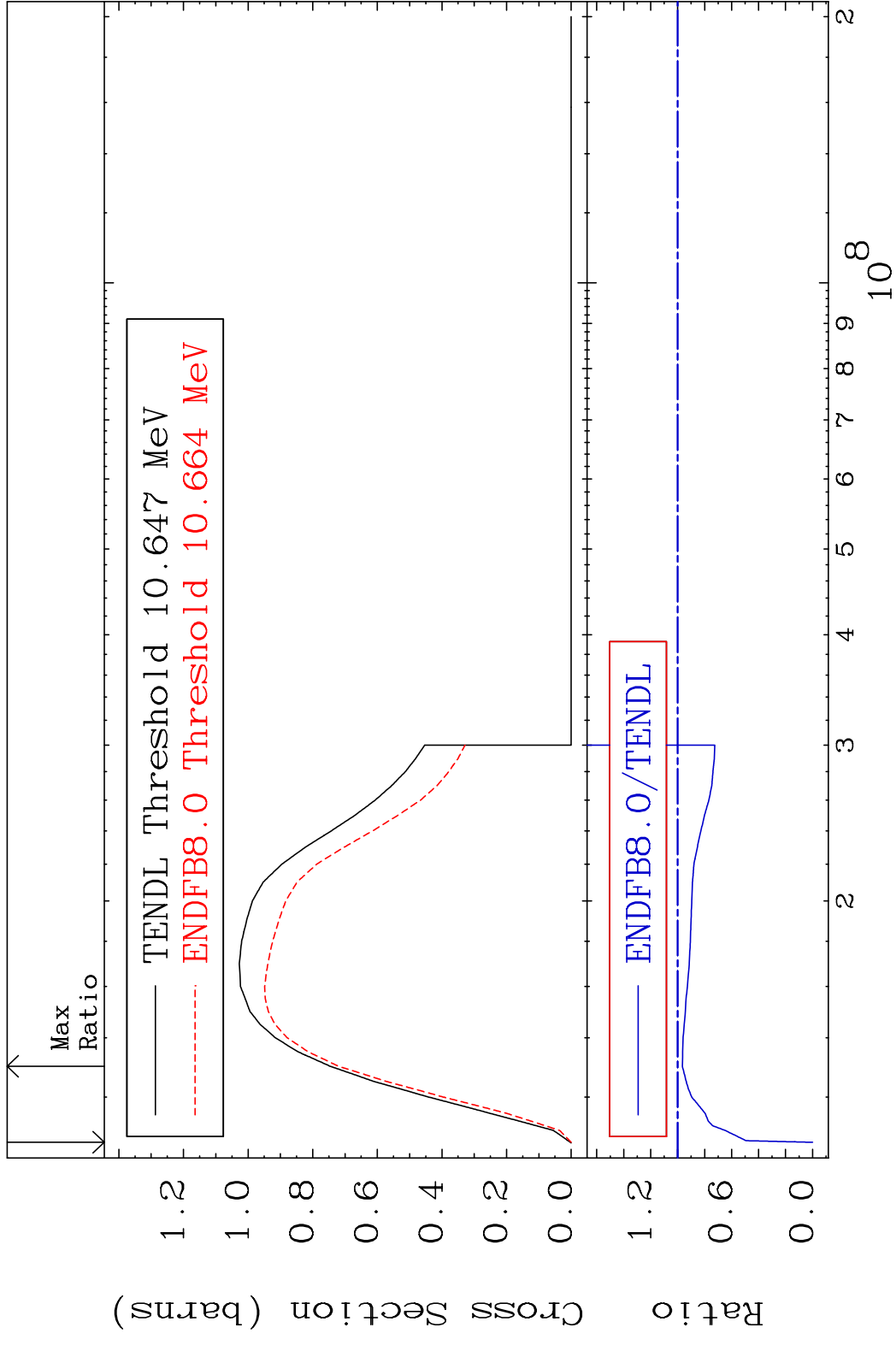


MAT 4625

(n,2n)

46-Pd-102

Cross Section -100.0 To -3.466%

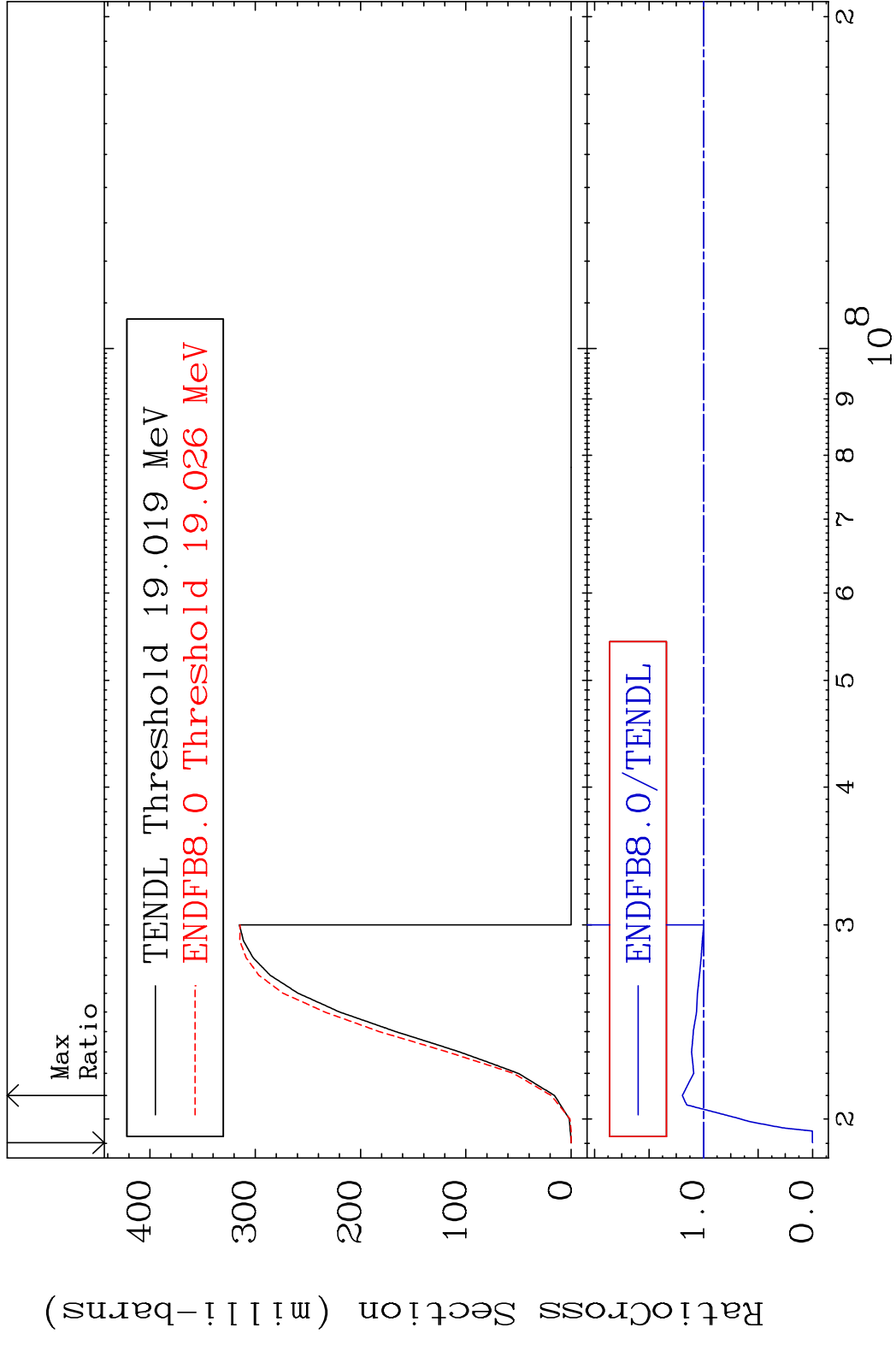


4

Incident Energy (eV)

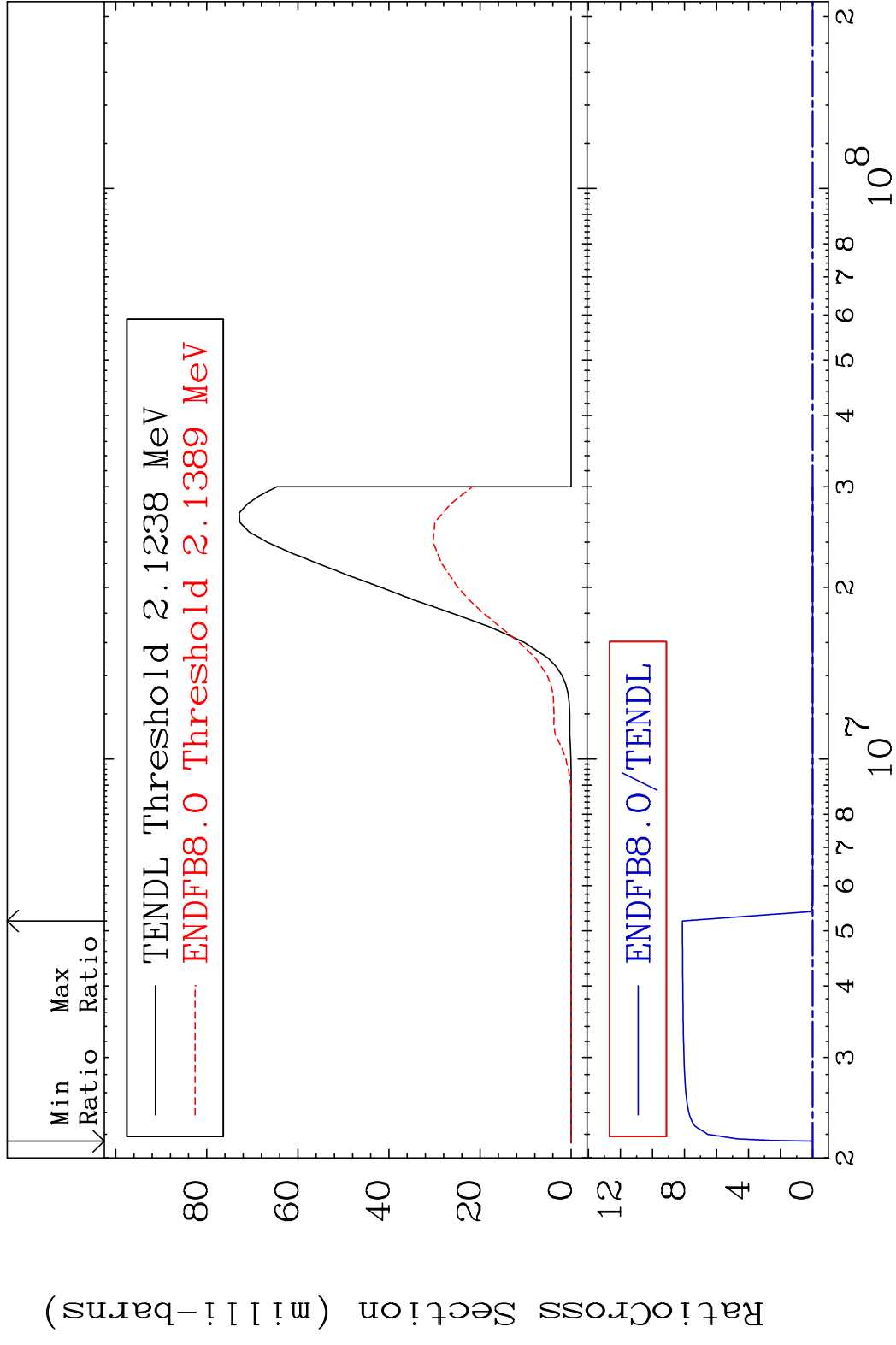
46-Pd-102

MAT 4625 (n,3n) 46-Pd-102
 Cross Section -100.0 To 19.42 %

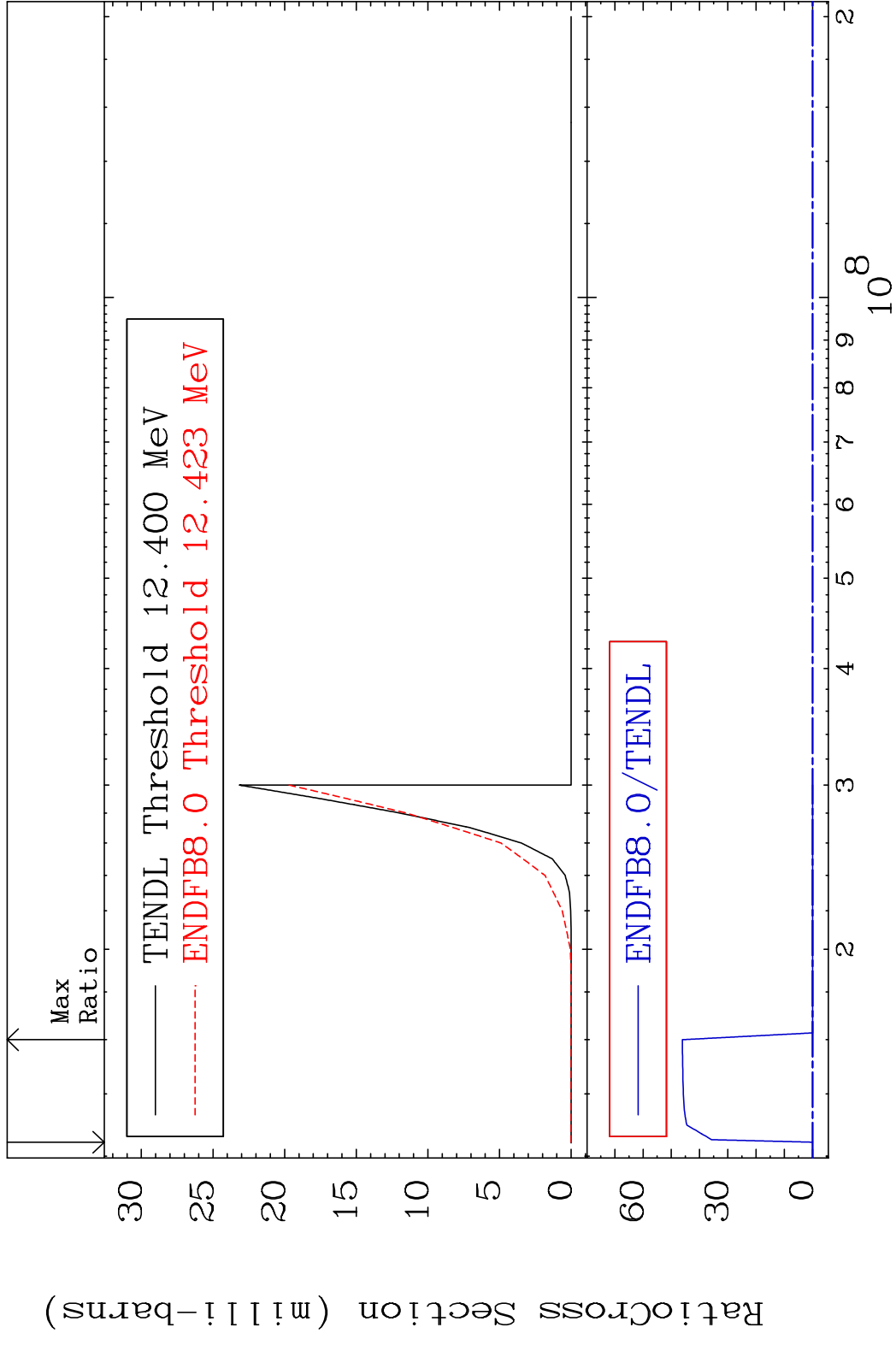


5 Incident Energy (eV) 46-Pd-102

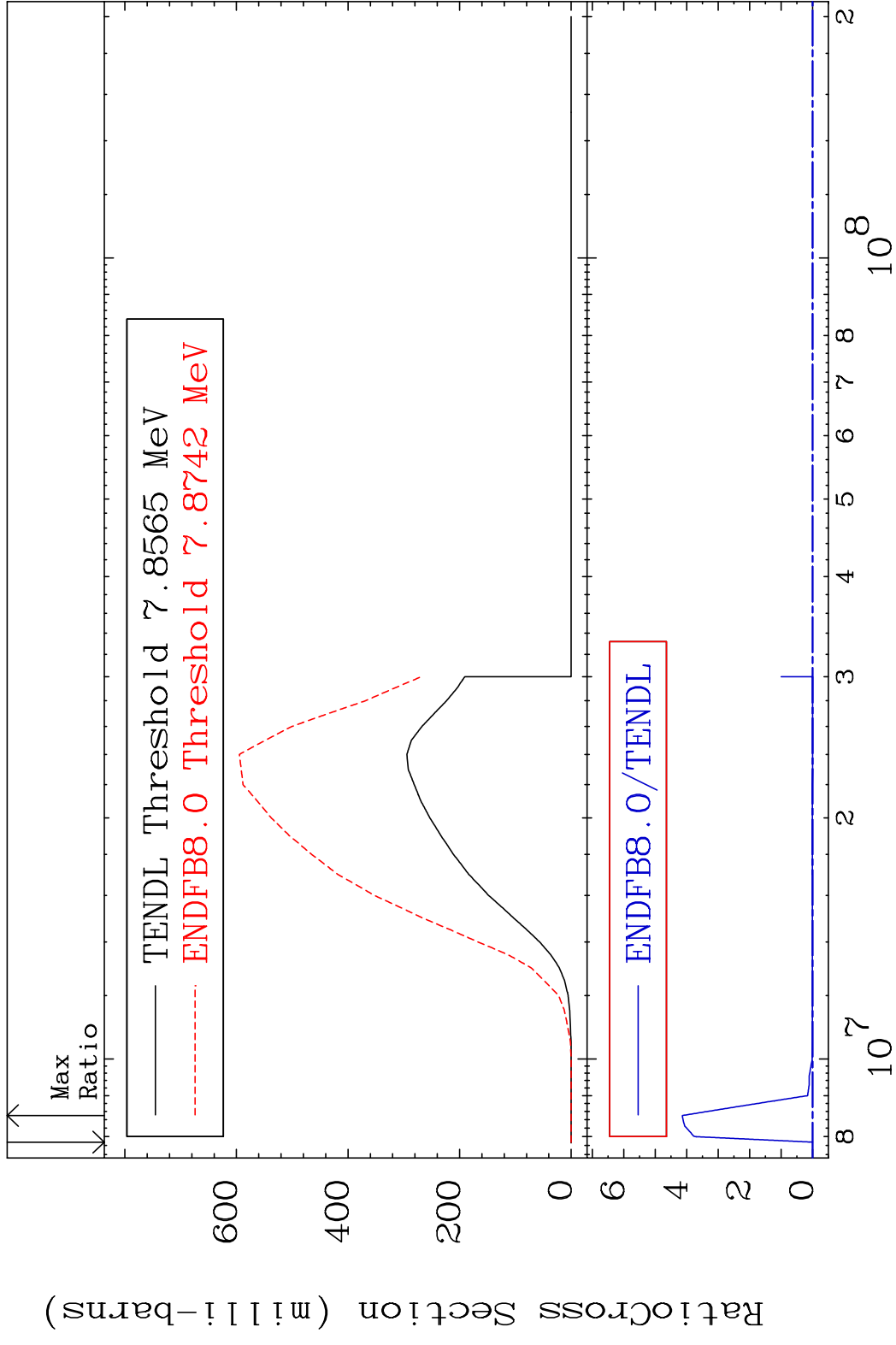
MAT 4625 (n, n') α 46-Pd-102
 Cross Section -100.0 To 9999. %



MAT 4625 (n,2n) α 46-Pd-102
 Cross Section -100.0 To 9999. %

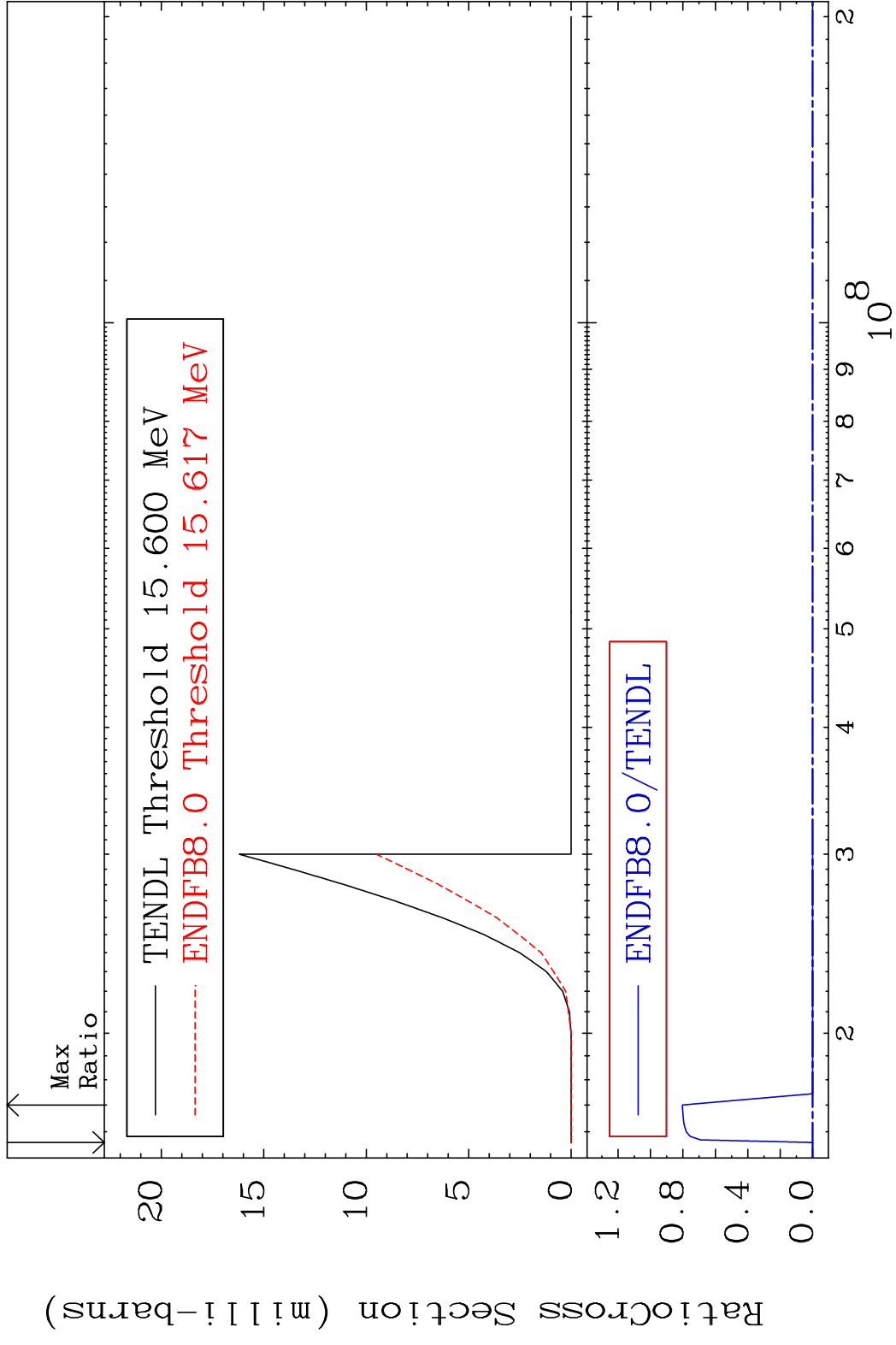


MAT 4625 (n, n') p 46-Pd-102
 Cross Section -100.0 To 9999. %

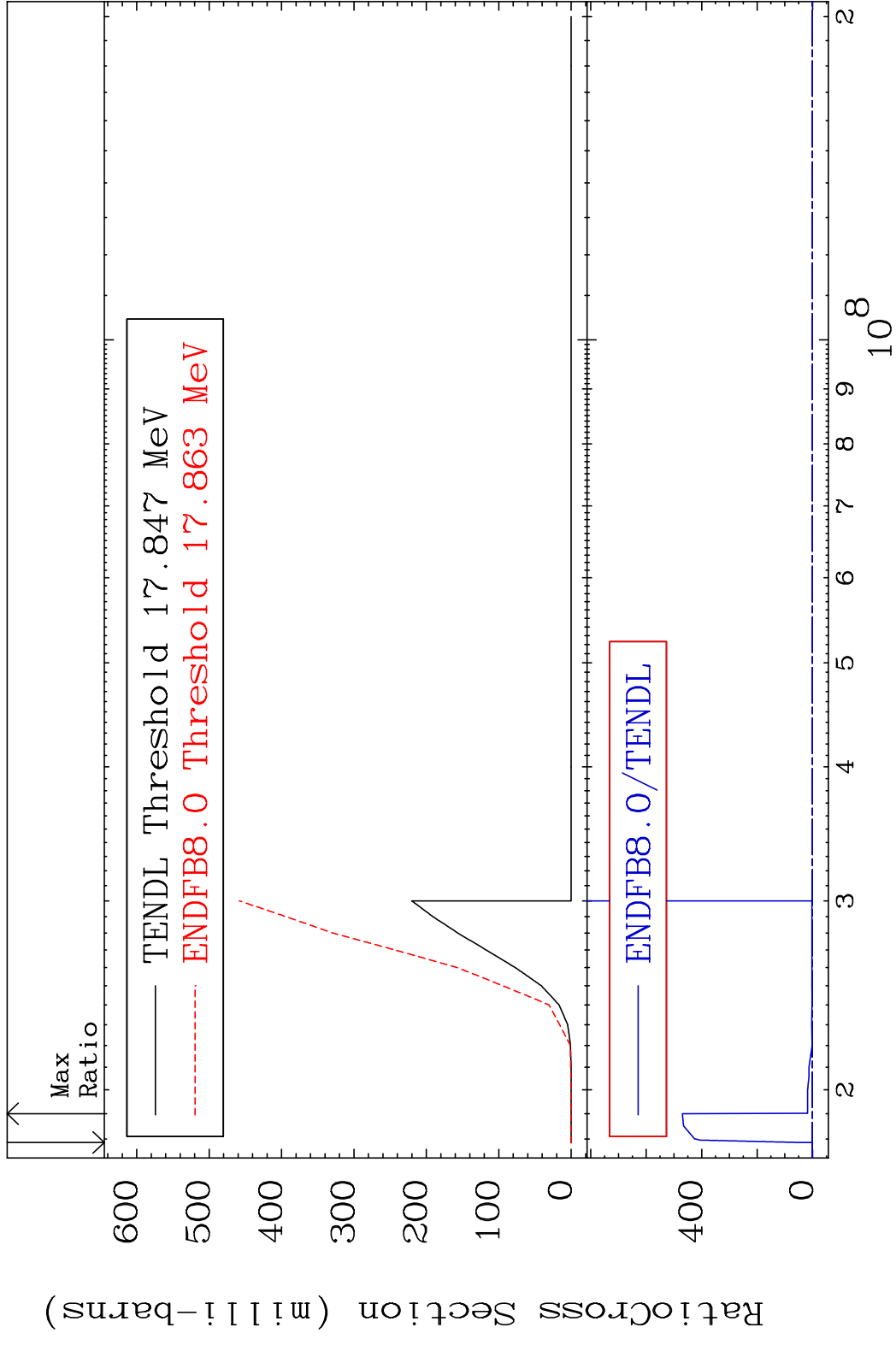


8 8 Incident Energy (eV) 46-Pd-102

MAT 4625 (n, n') d 46-Pd-102
 Cross Section -100.0 To 9999. %

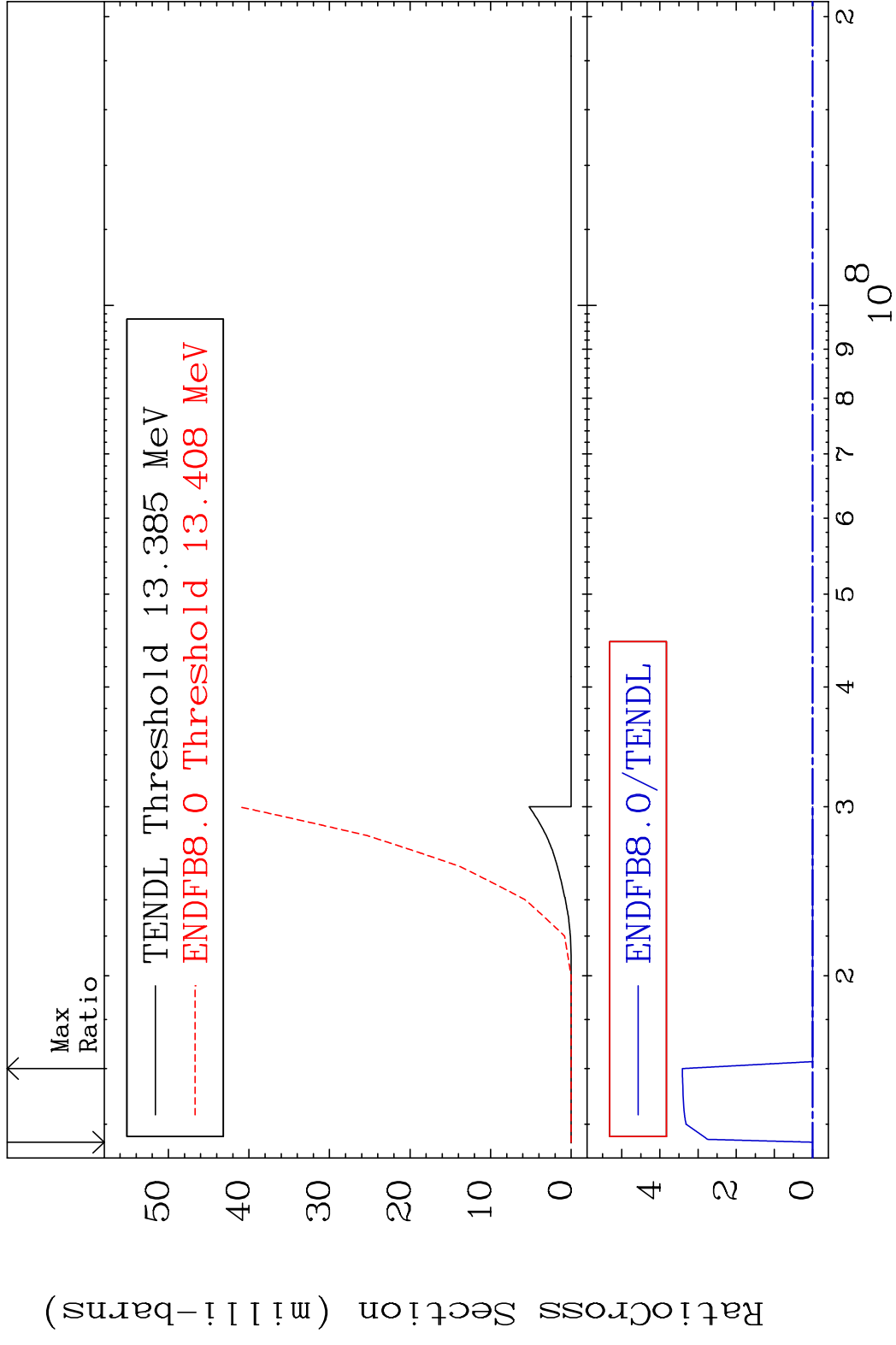


MAT 4625 (n,2n) p 46-Pd-102
 Cross Section -100.0 To 9999. %

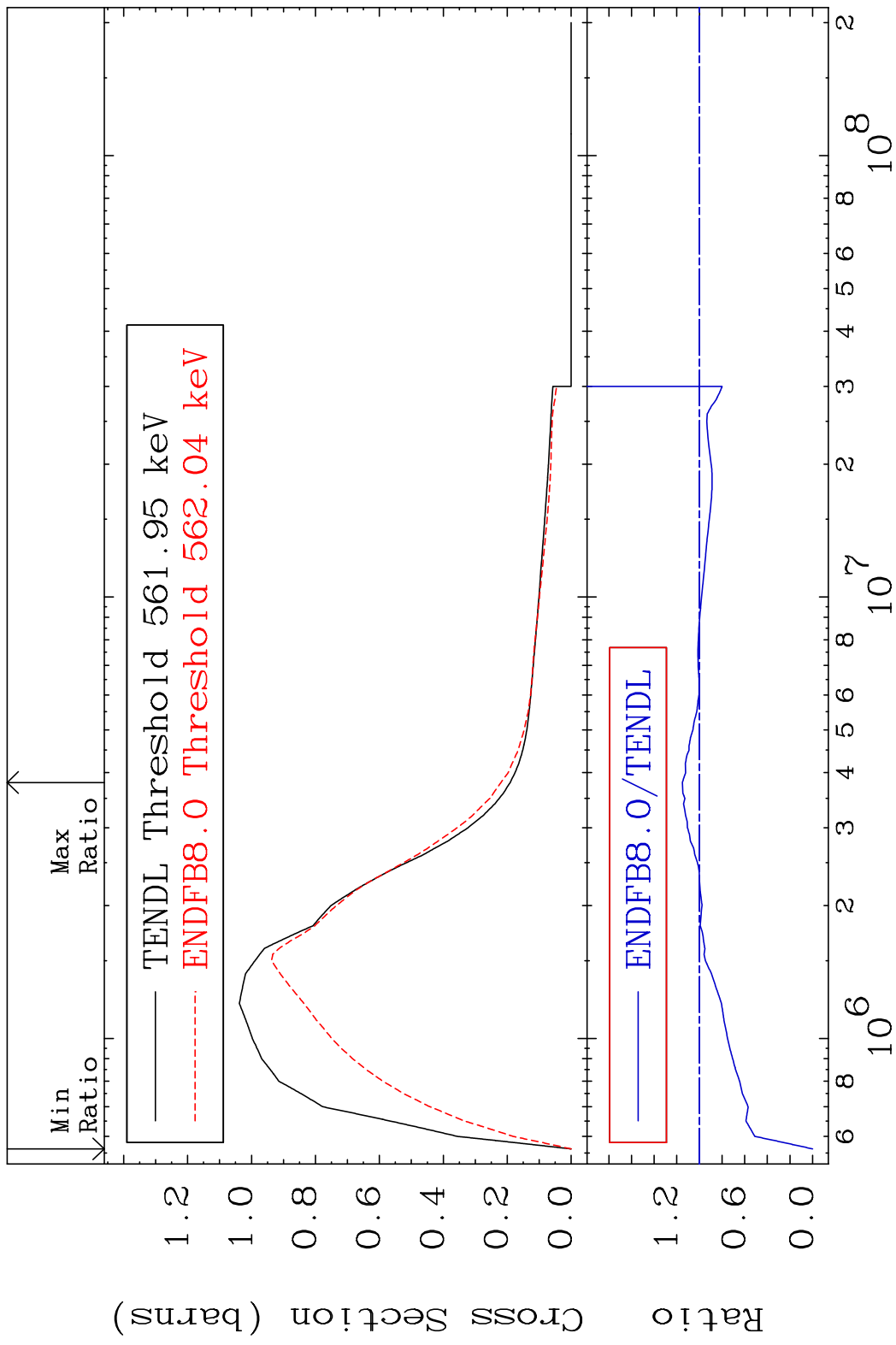


10 Incident Energy (eV) 46-Pd-102

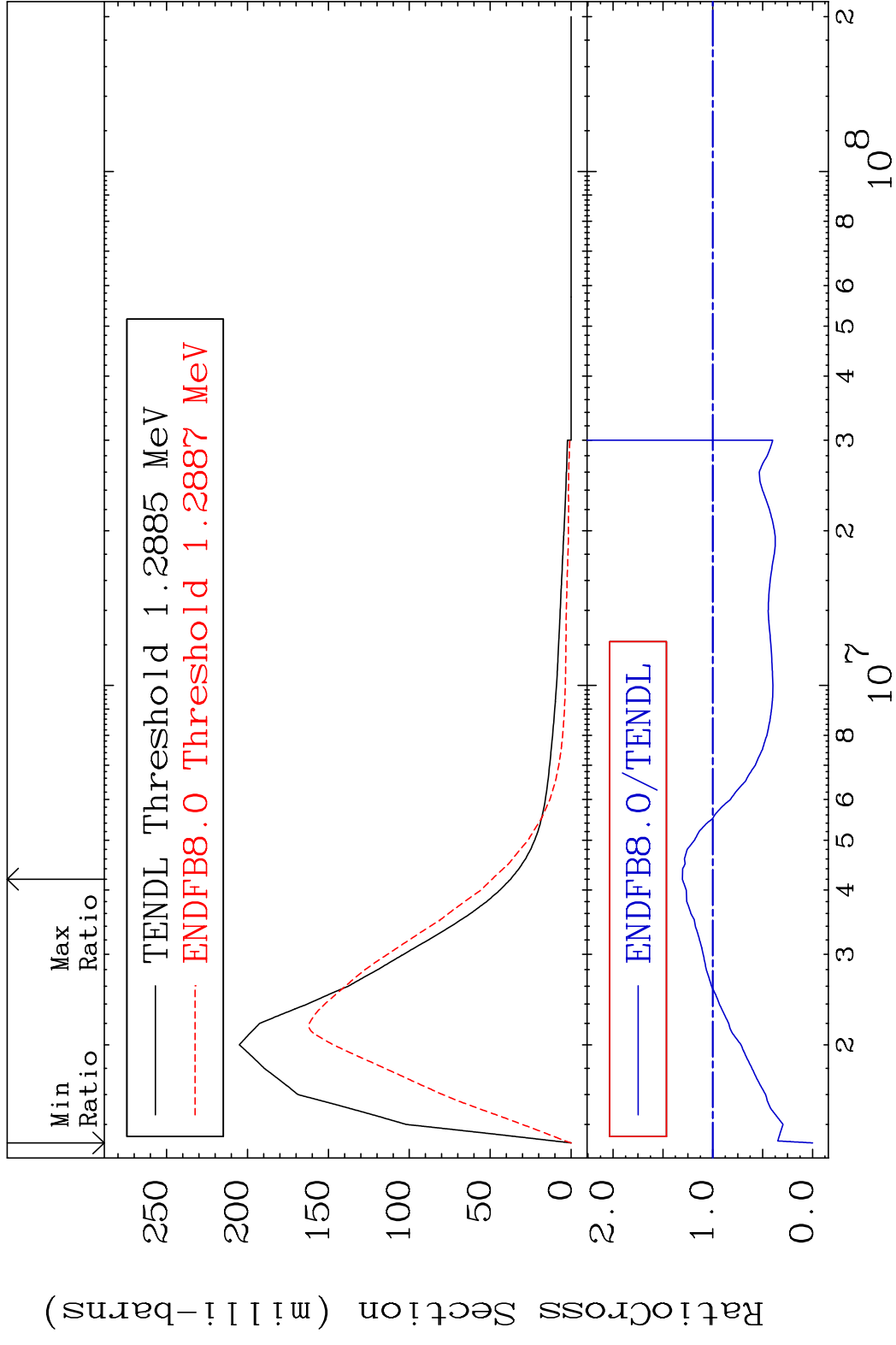
MAT 4625 (n,2n) p 46-Pd-102
 Cross Section -100.0 To 9999. %



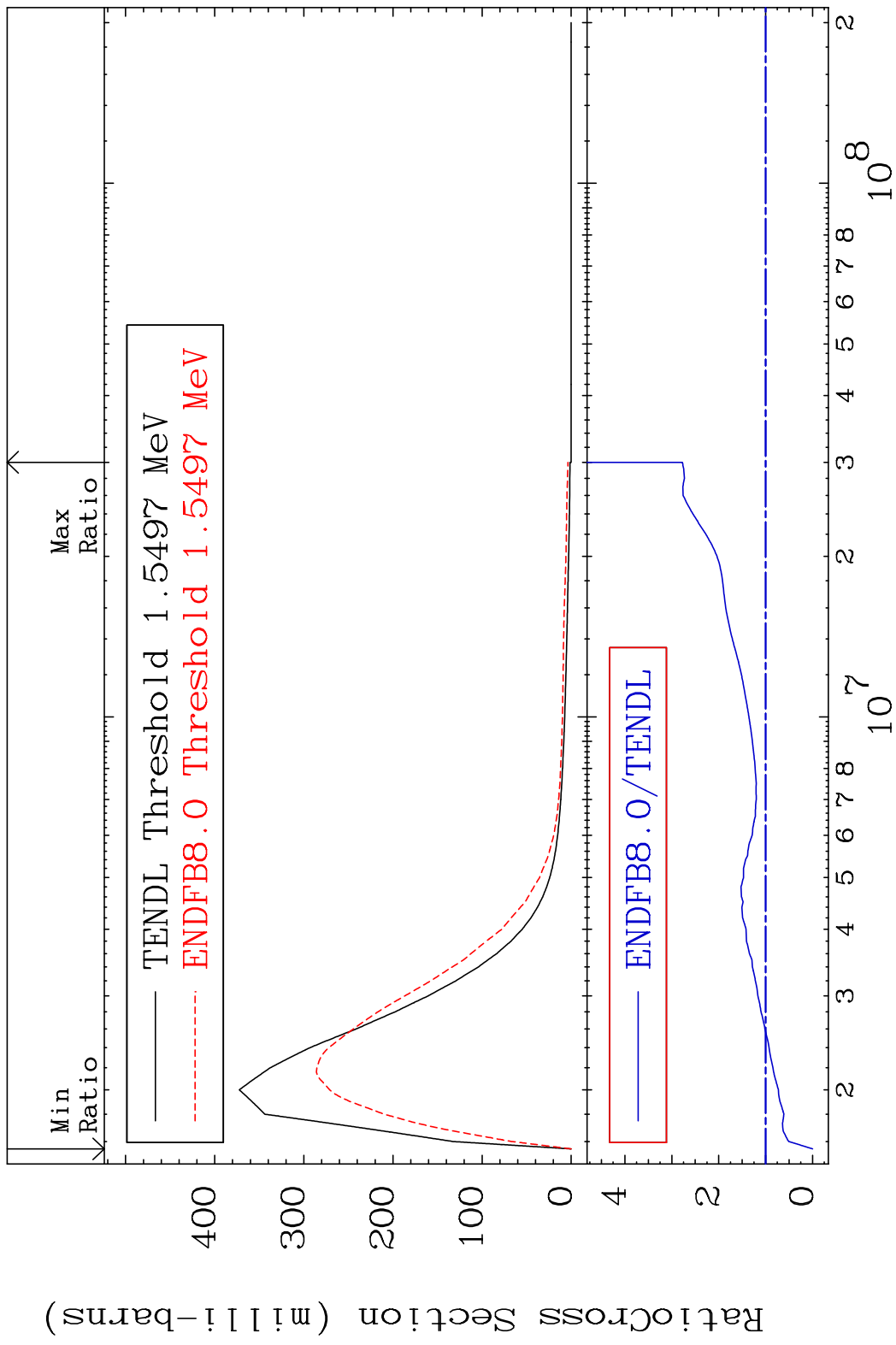
MAT 4625 MT= 51 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 15.09 %



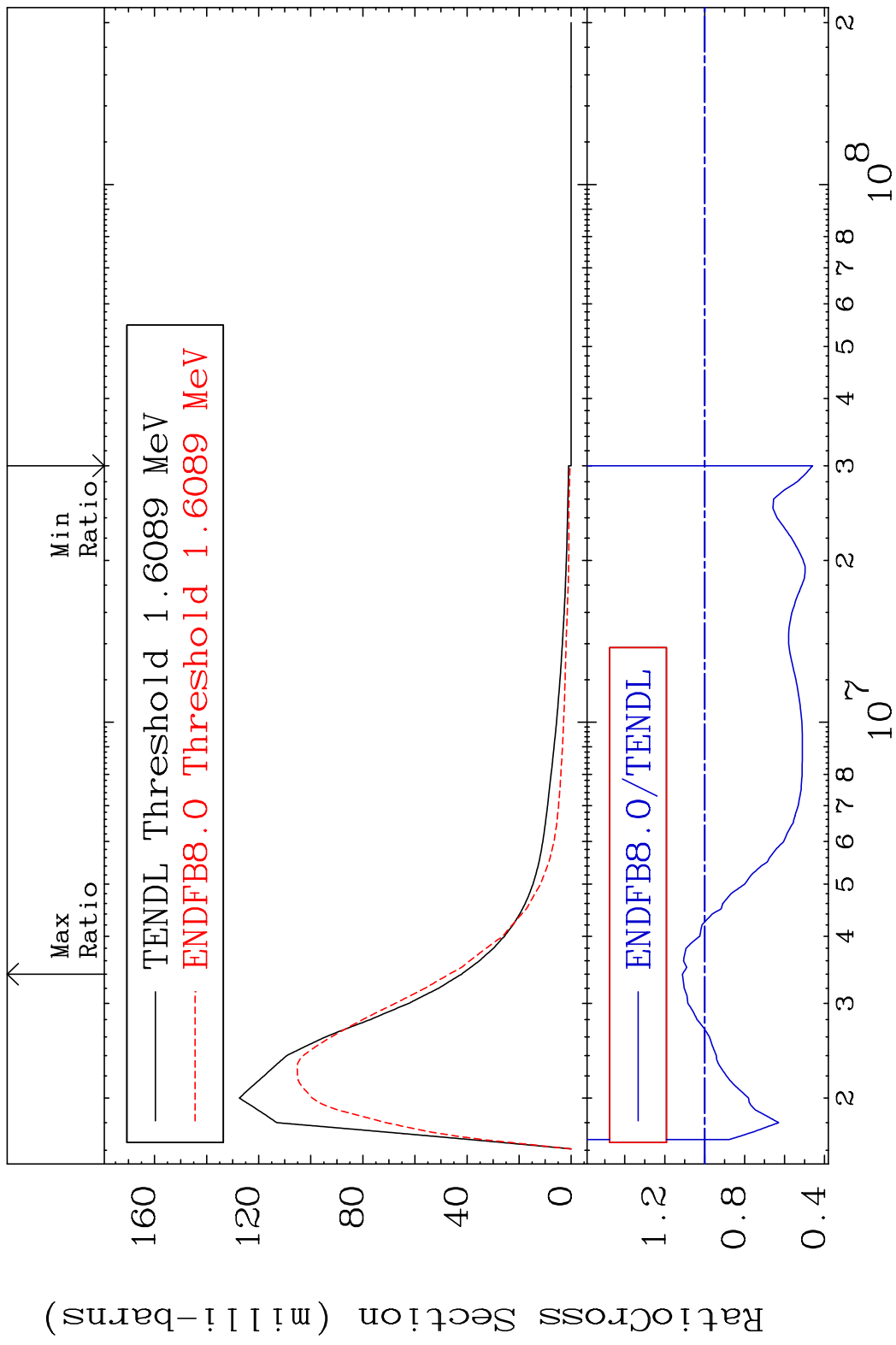
MAT 4625 MT= 52 (n,n') Level 46-Pd-102
 Cross Section -100.0 To 30.51 %



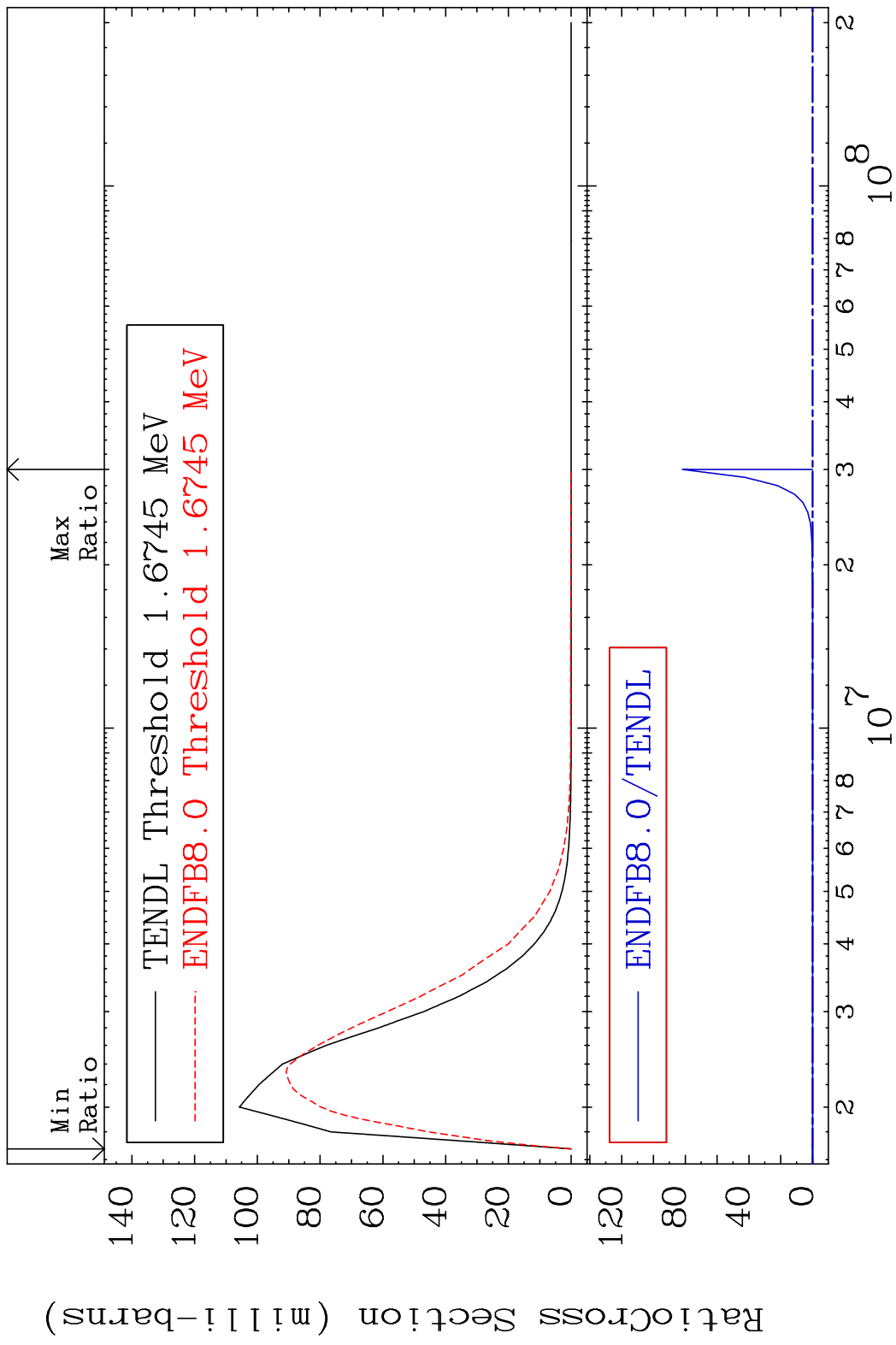
MAT 4625 MT= 53 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 177.5 %



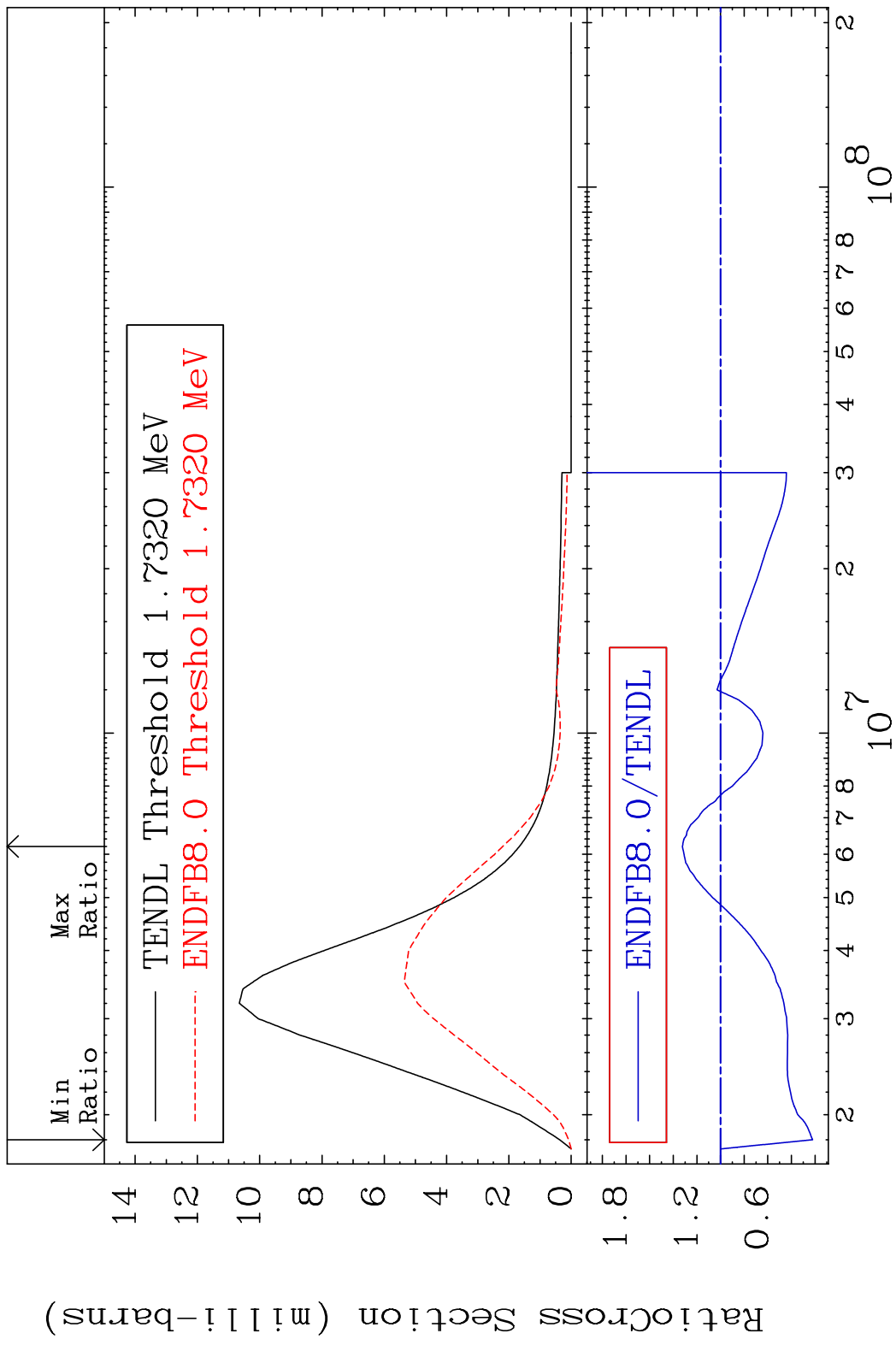
MAT 4625 MT= 54 (n,n') Level 46-Pd-102
 Cross Section -54.03 To 11.18 %



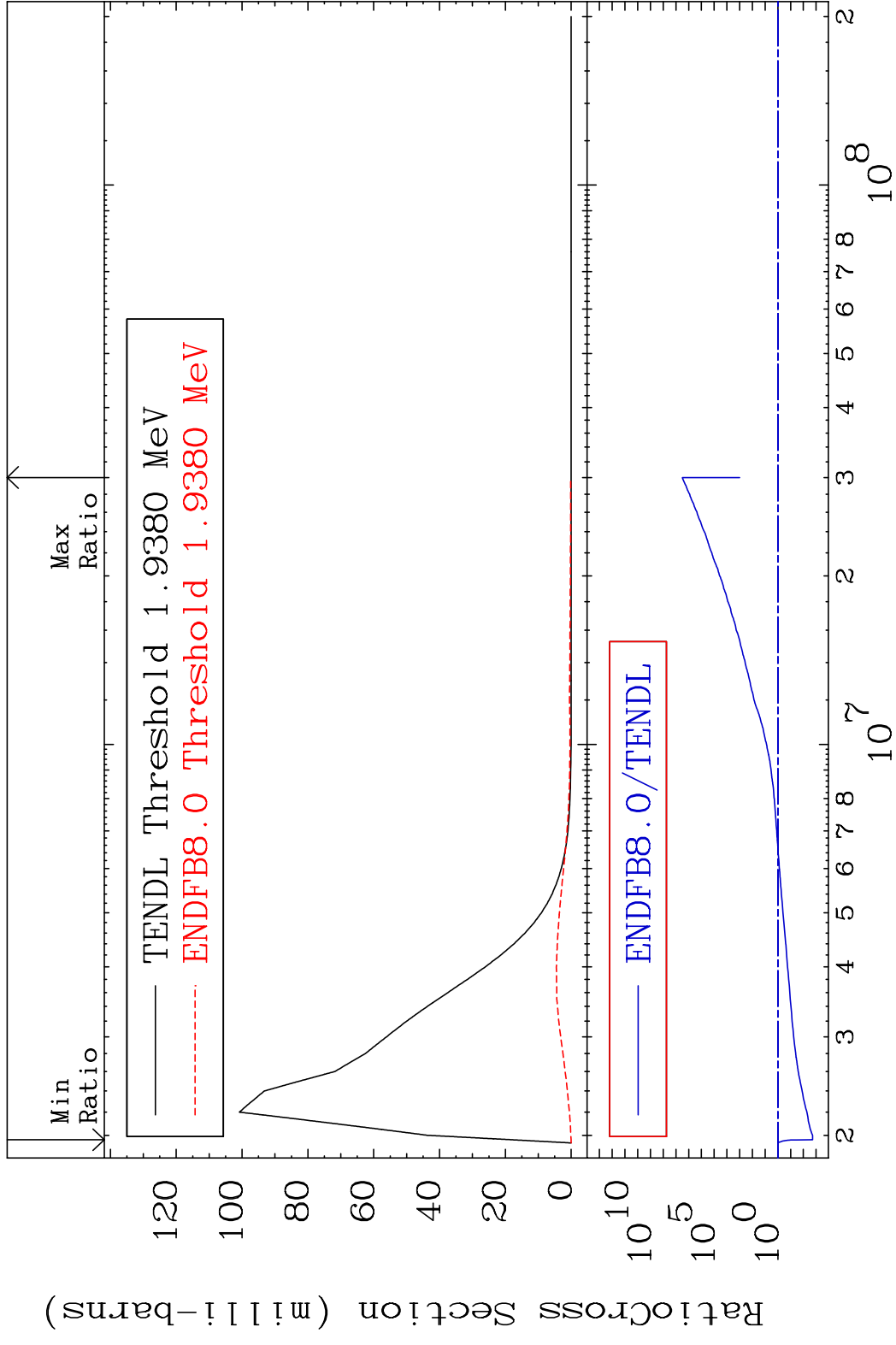
MAT 4625 MT= 55 (n,n') Level 46-Pd-102
 Cross Section -100.0 To 9999. %



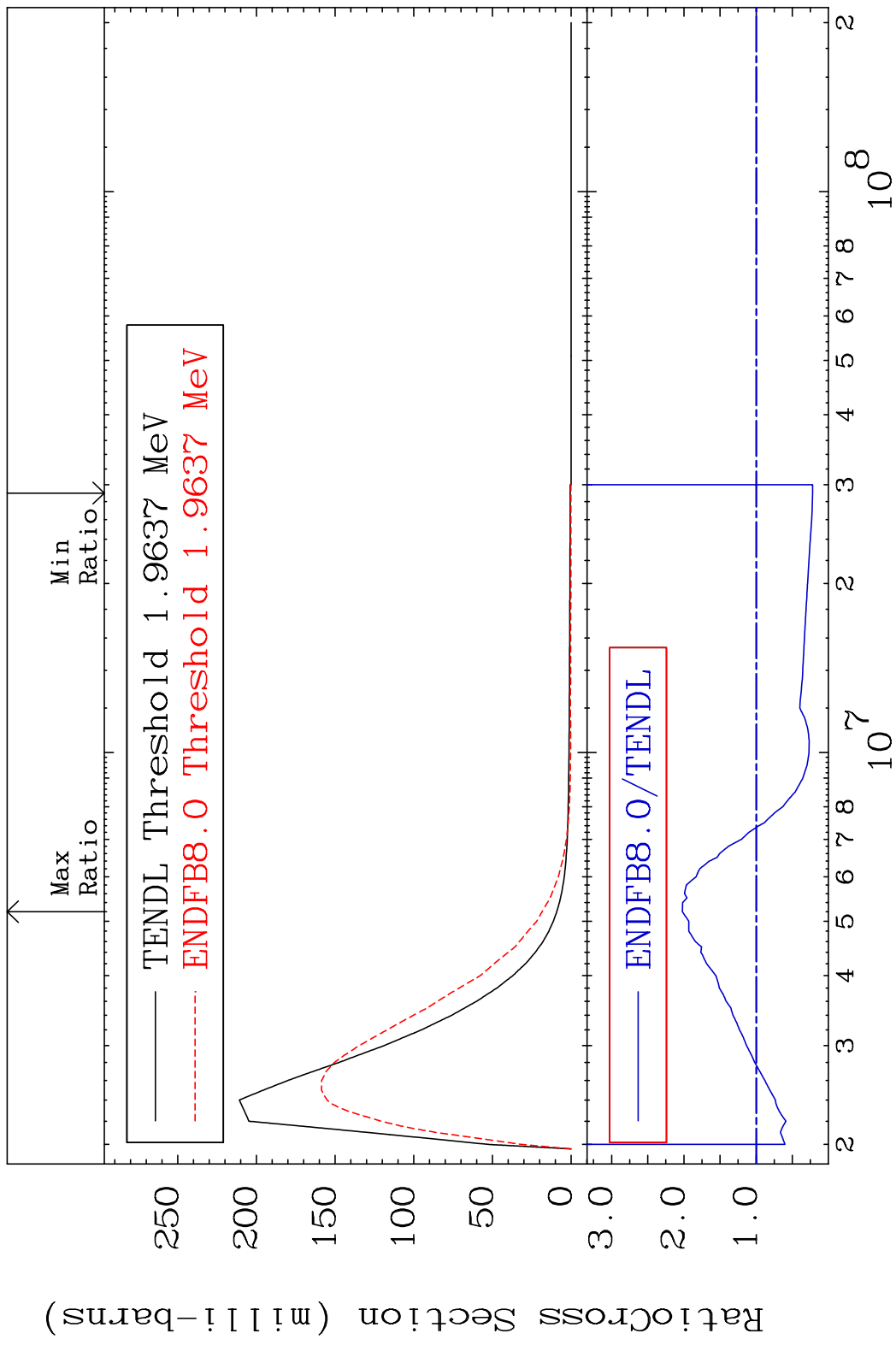
MAT 4625 MT= 56 (n,n') Level 46-Pd-102
 Cross Section -77.92 To 32.29 %



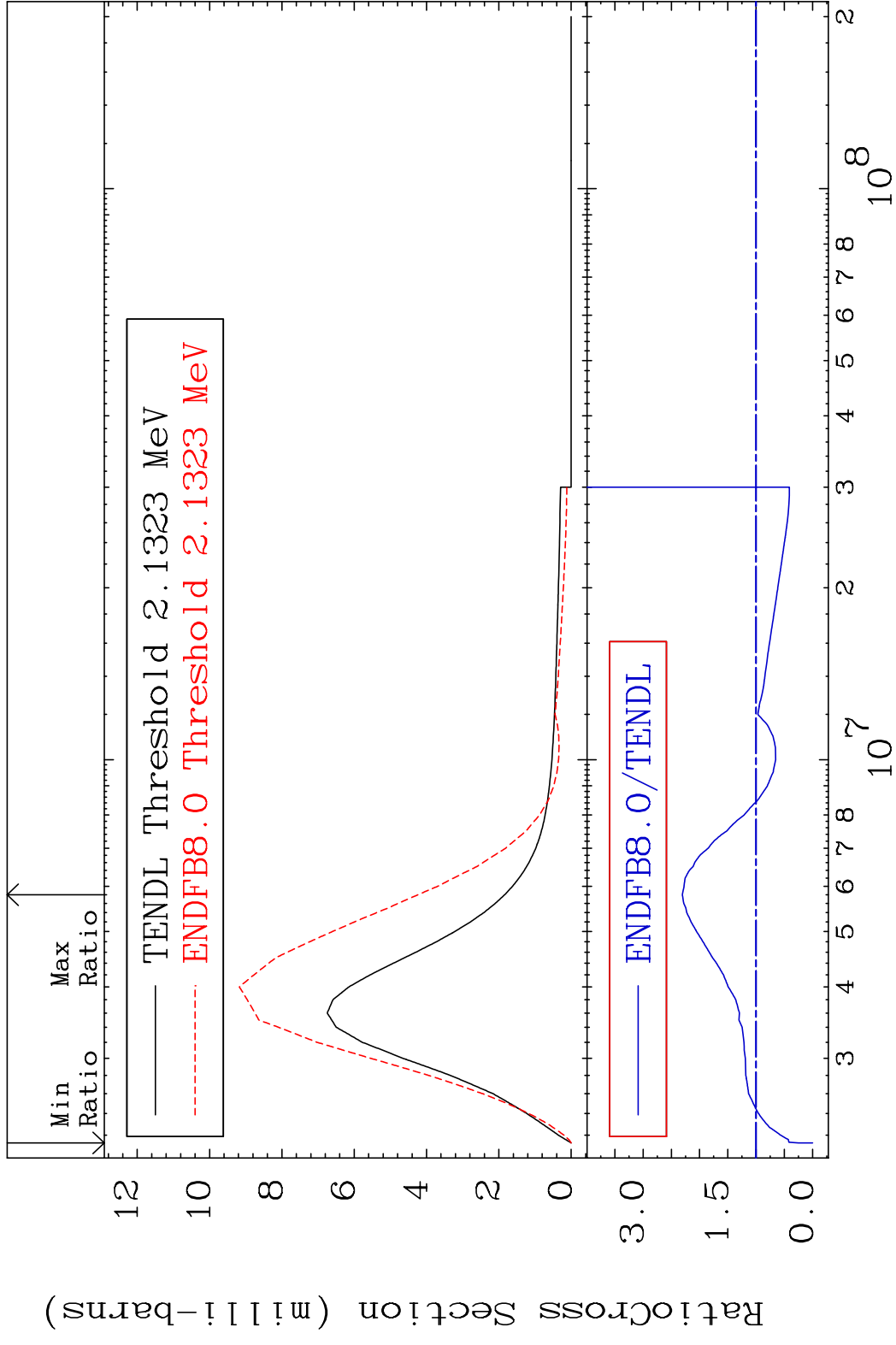
MAT 4625 MT= 57 (n, n') Level 46-Pd-102
 Cross Section -99.81 To 9999. %



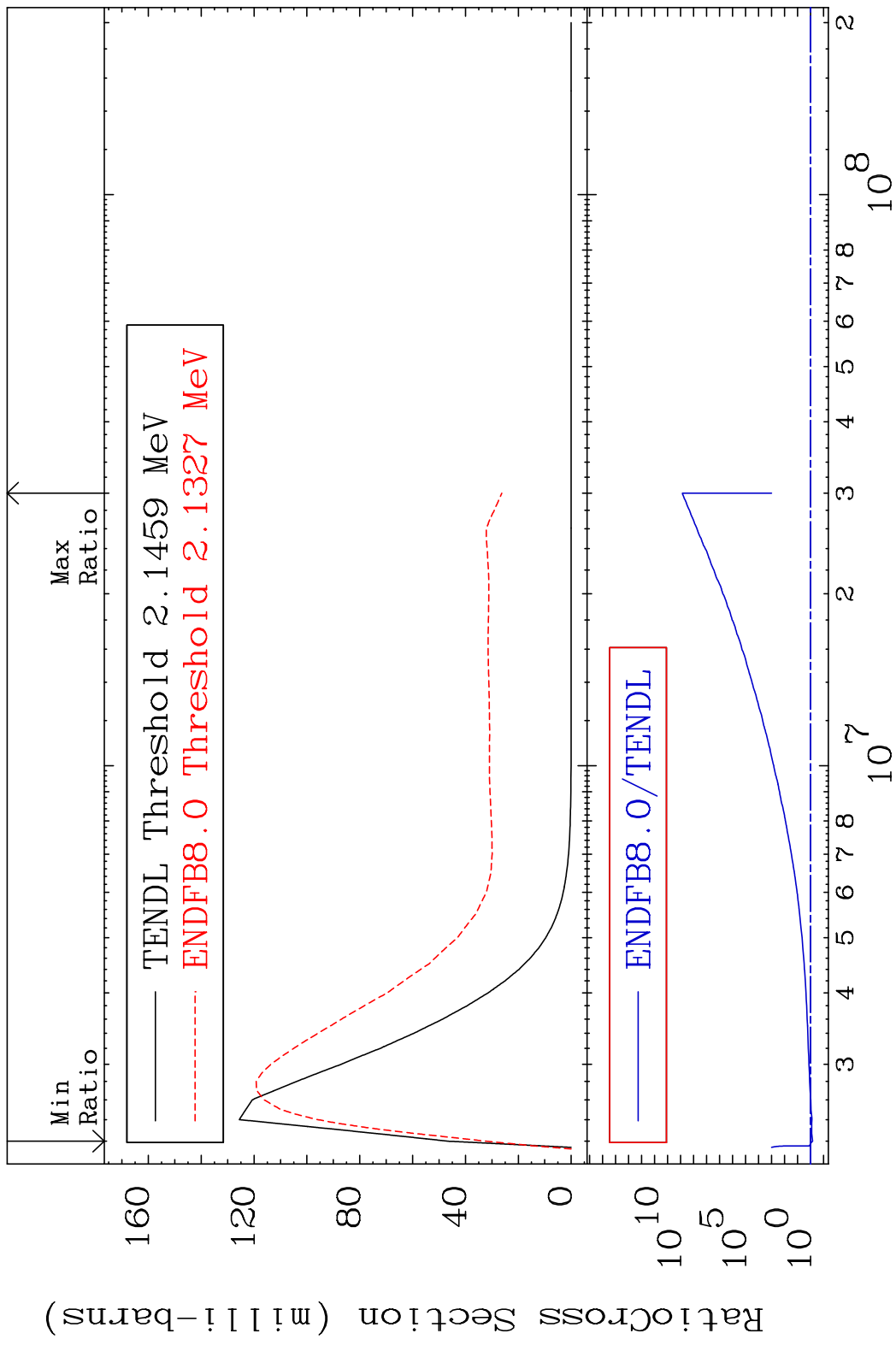
MAT 4625 MT= 58 (n, n') Level 46-Pd-102
 Cross Section -77.98 To 102.1 %



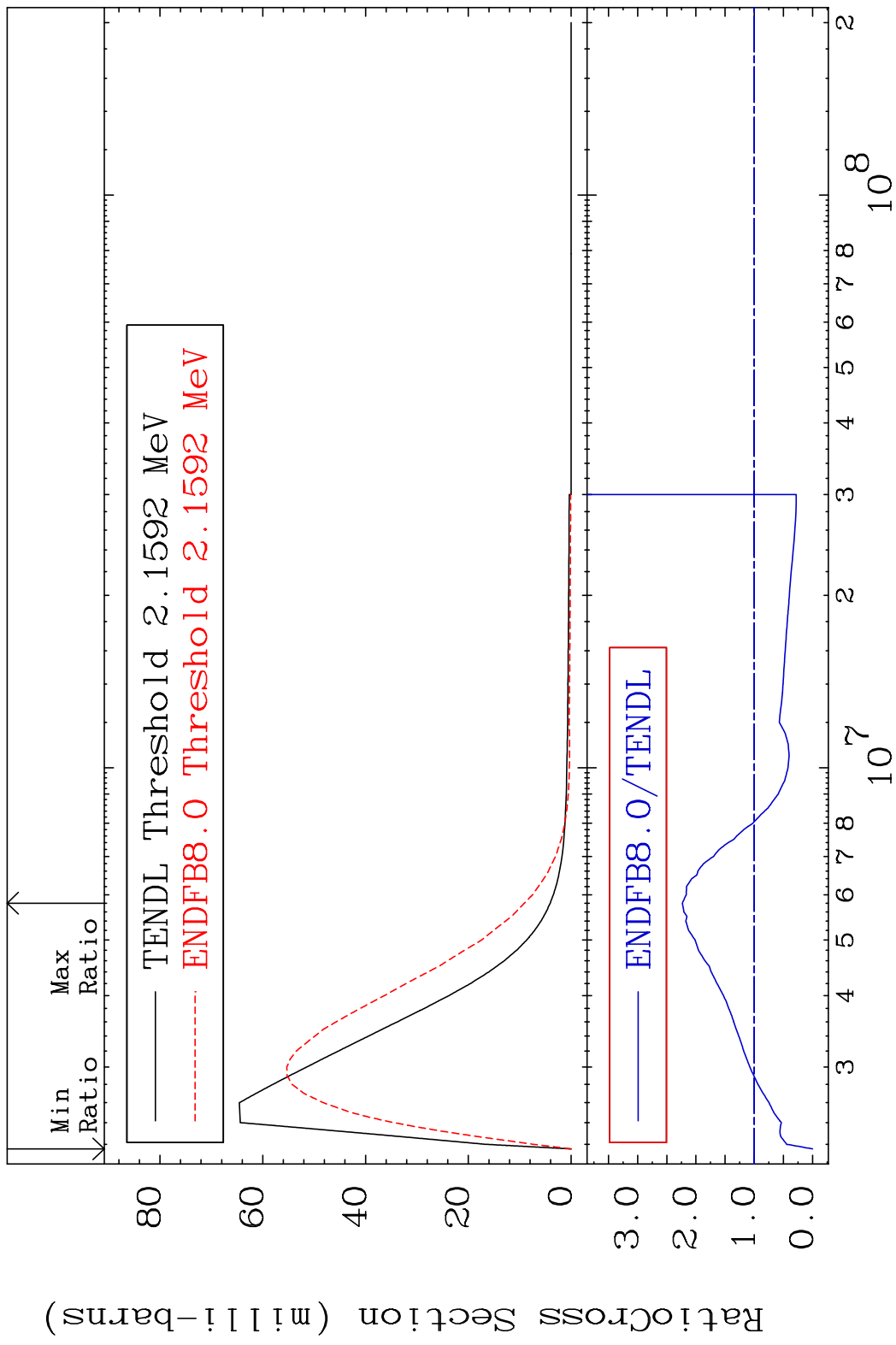
MAT 4625 MT= 59 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 130.5 %



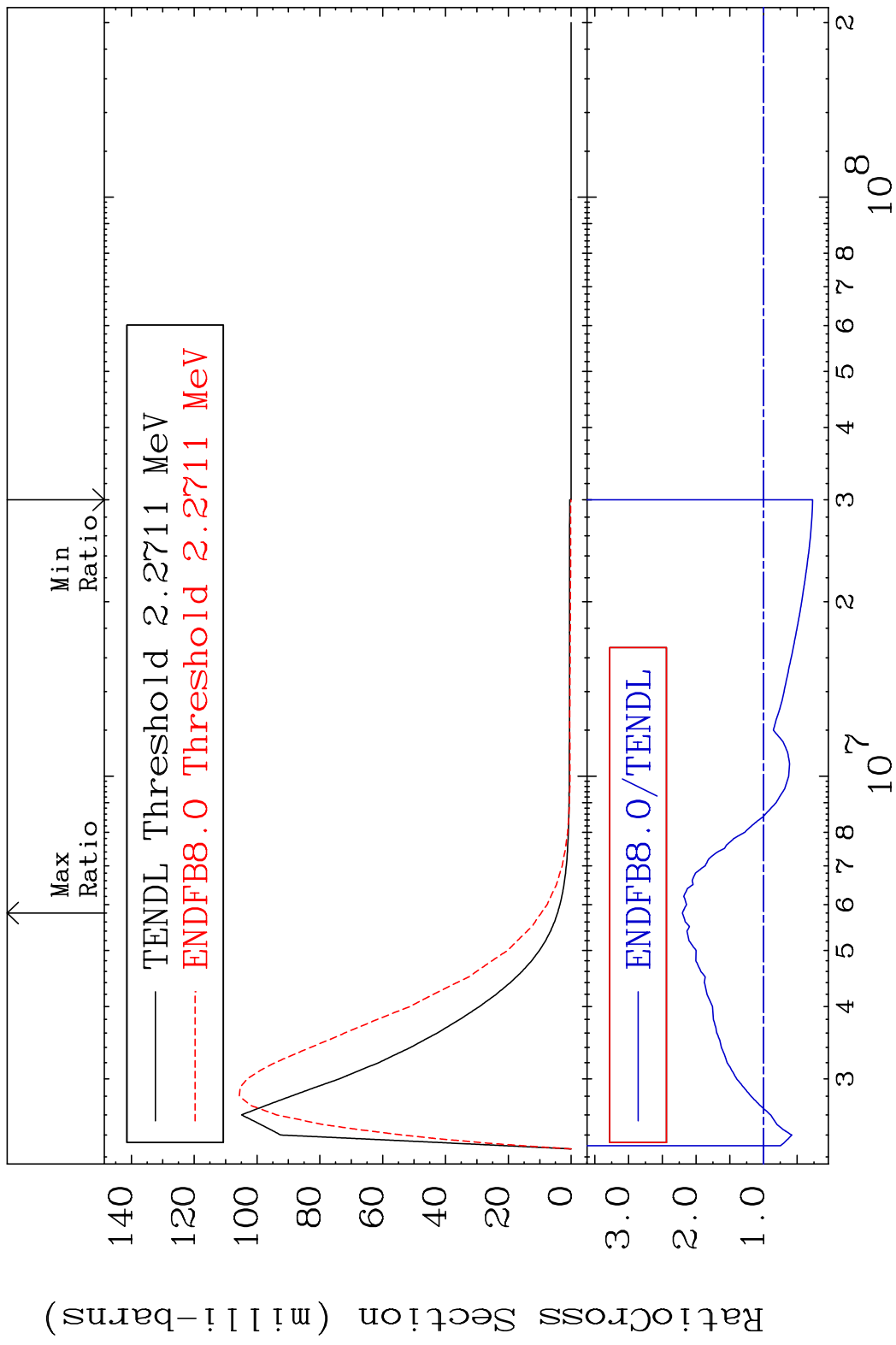
MAT 4625 MT= 60 (n, n') Level 46-Pd-102
 Cross Section -30.92 To 9999. %



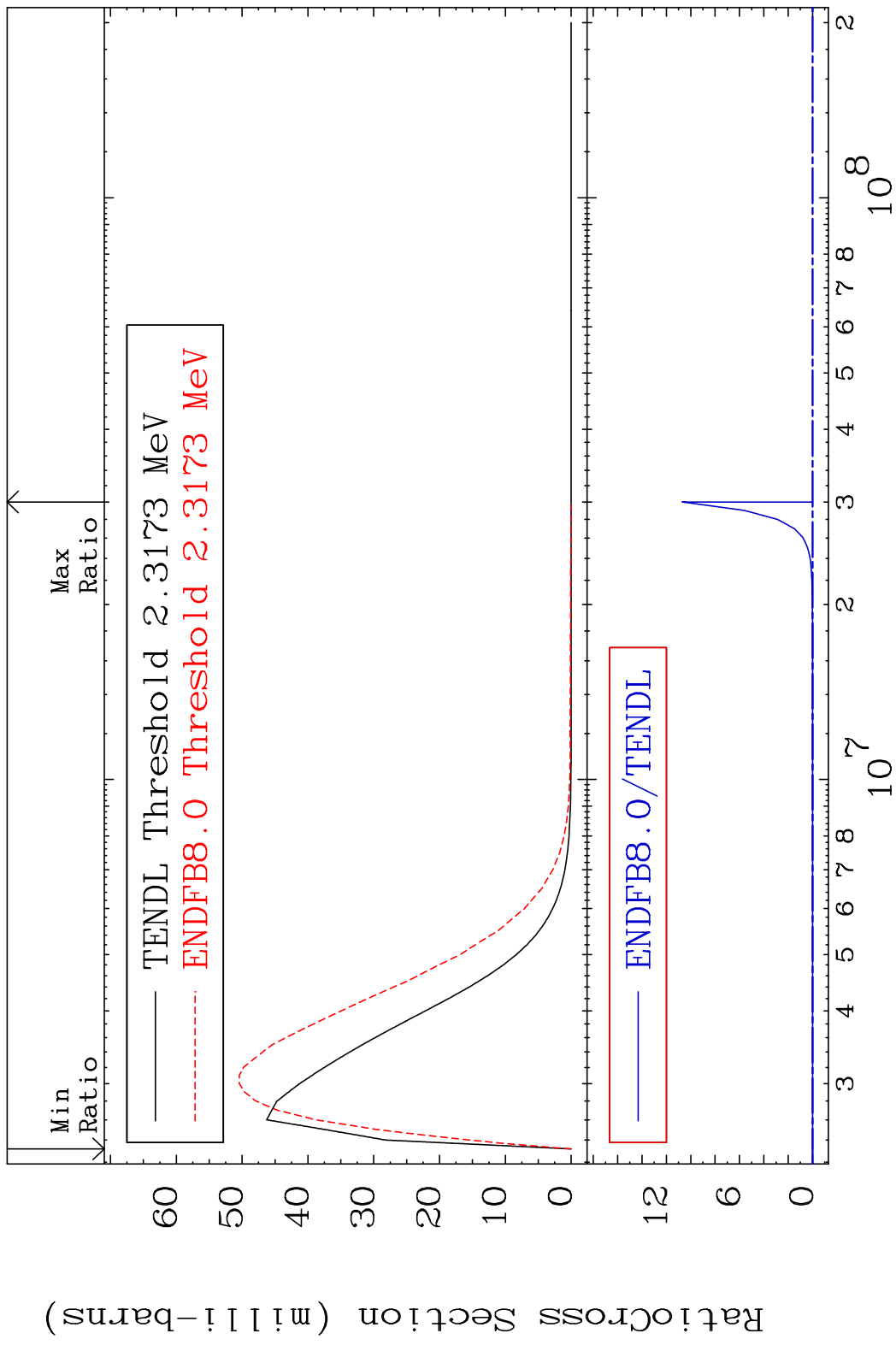
MAT 4625 MT= 61 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 123.3 %



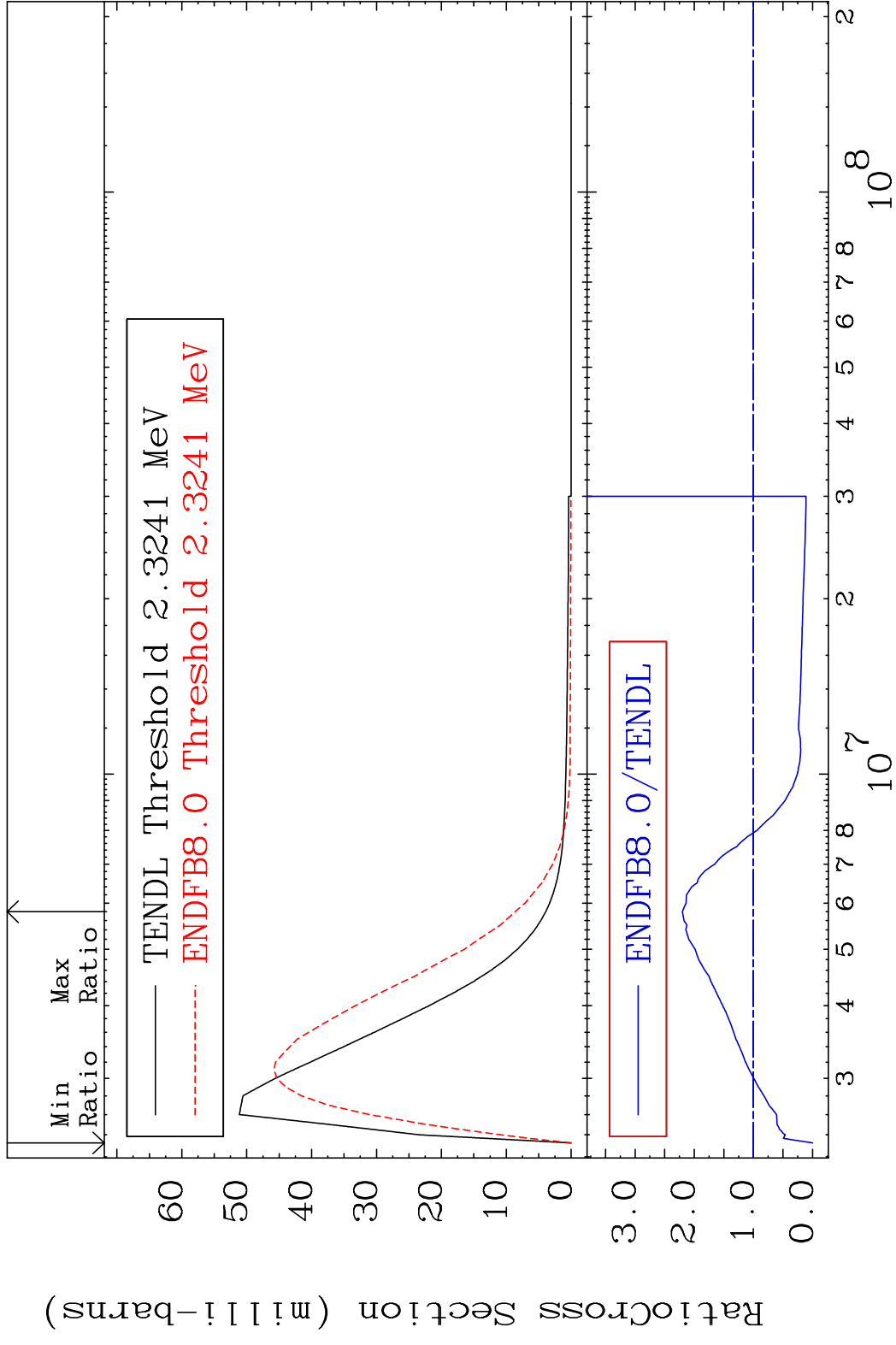
MAT 4625 MT= 62 (n, n') Level 46-Pd-102
 Cross Section -72.80 To 120.3 %



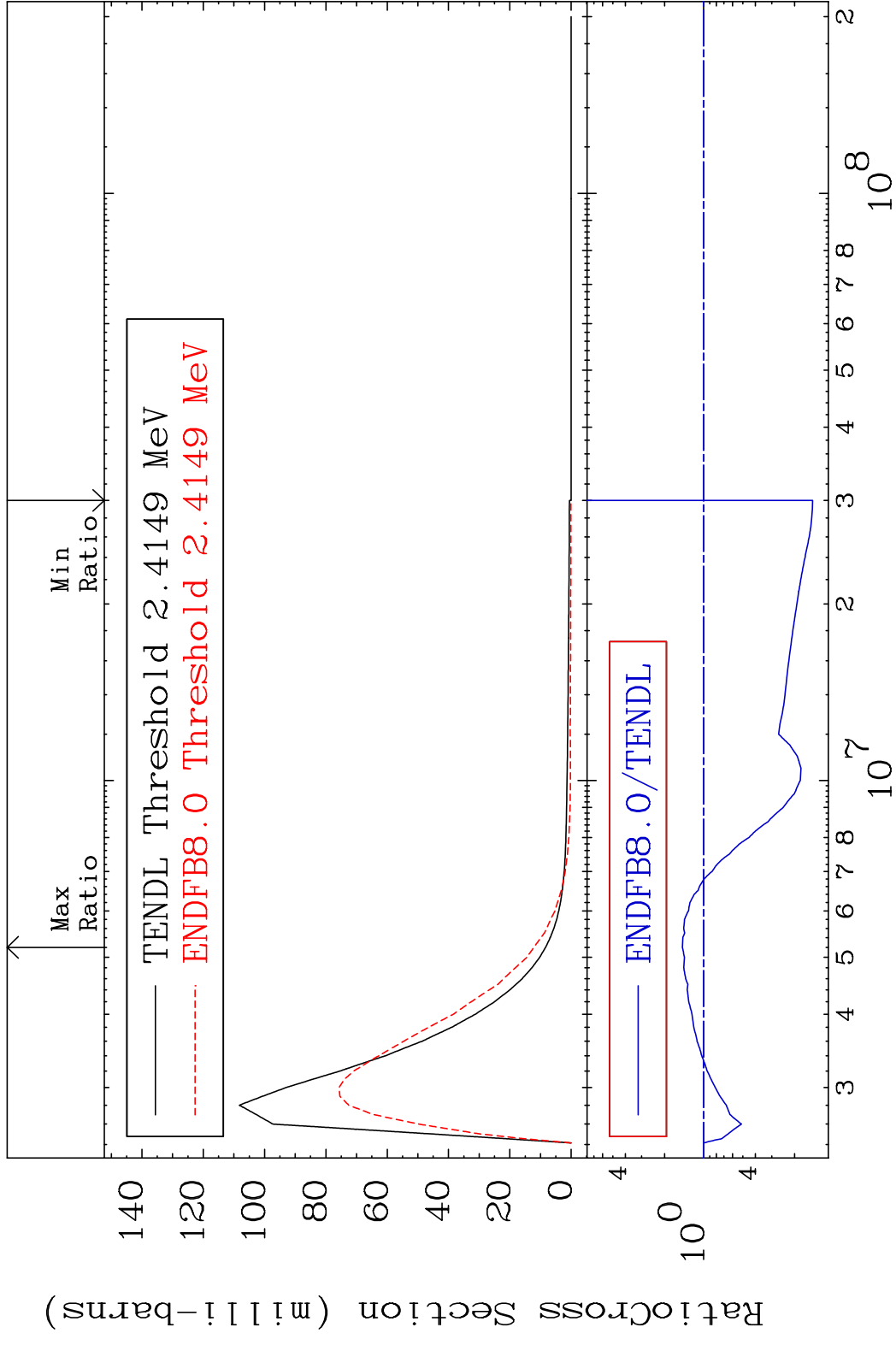
MAT 4625 MT= 63 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 9999. %



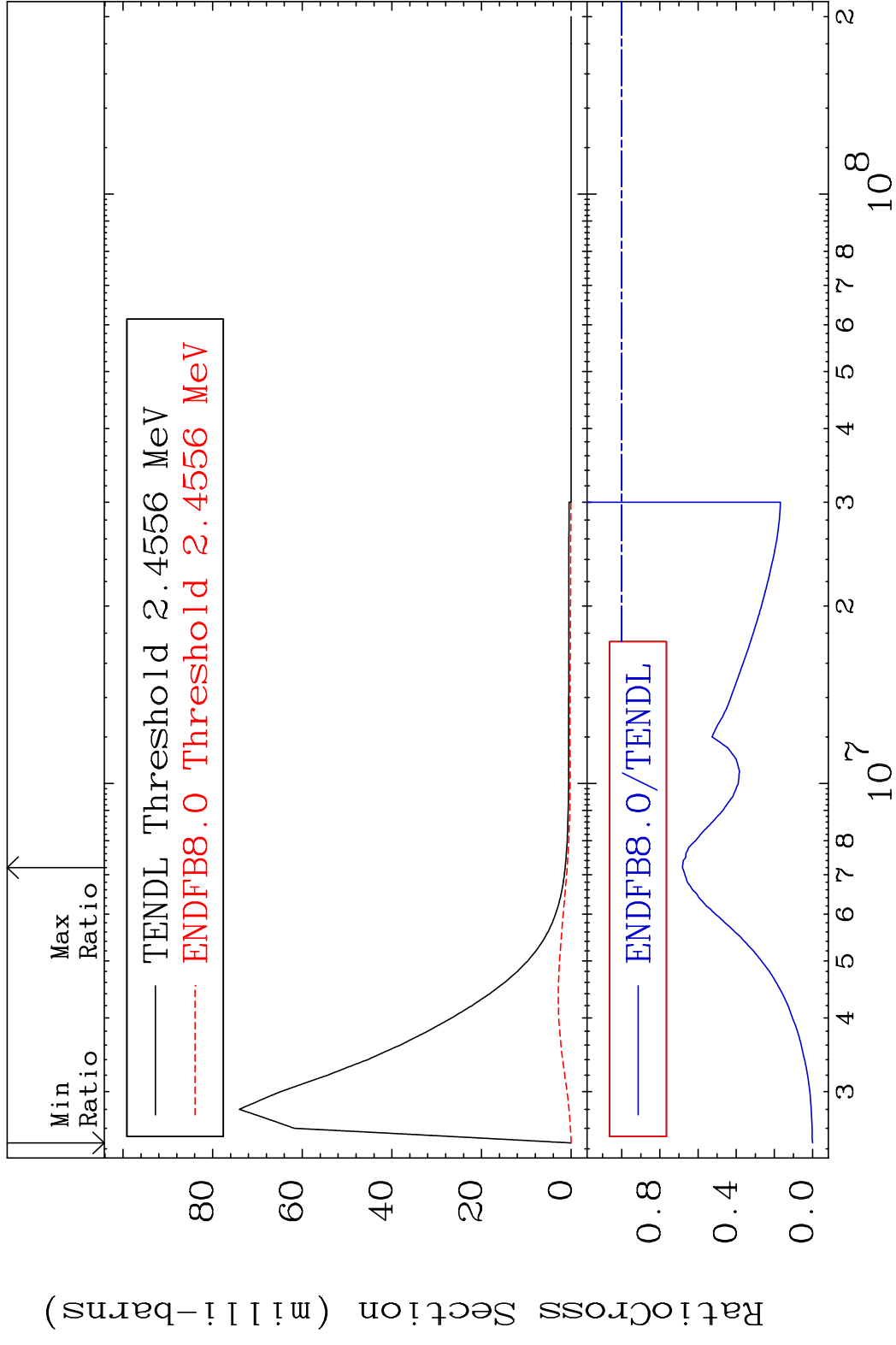
MAT 4625 MT= 64 (n,n') Level 46-Pd-102
 Cross Section -100.0 To 120.1 %



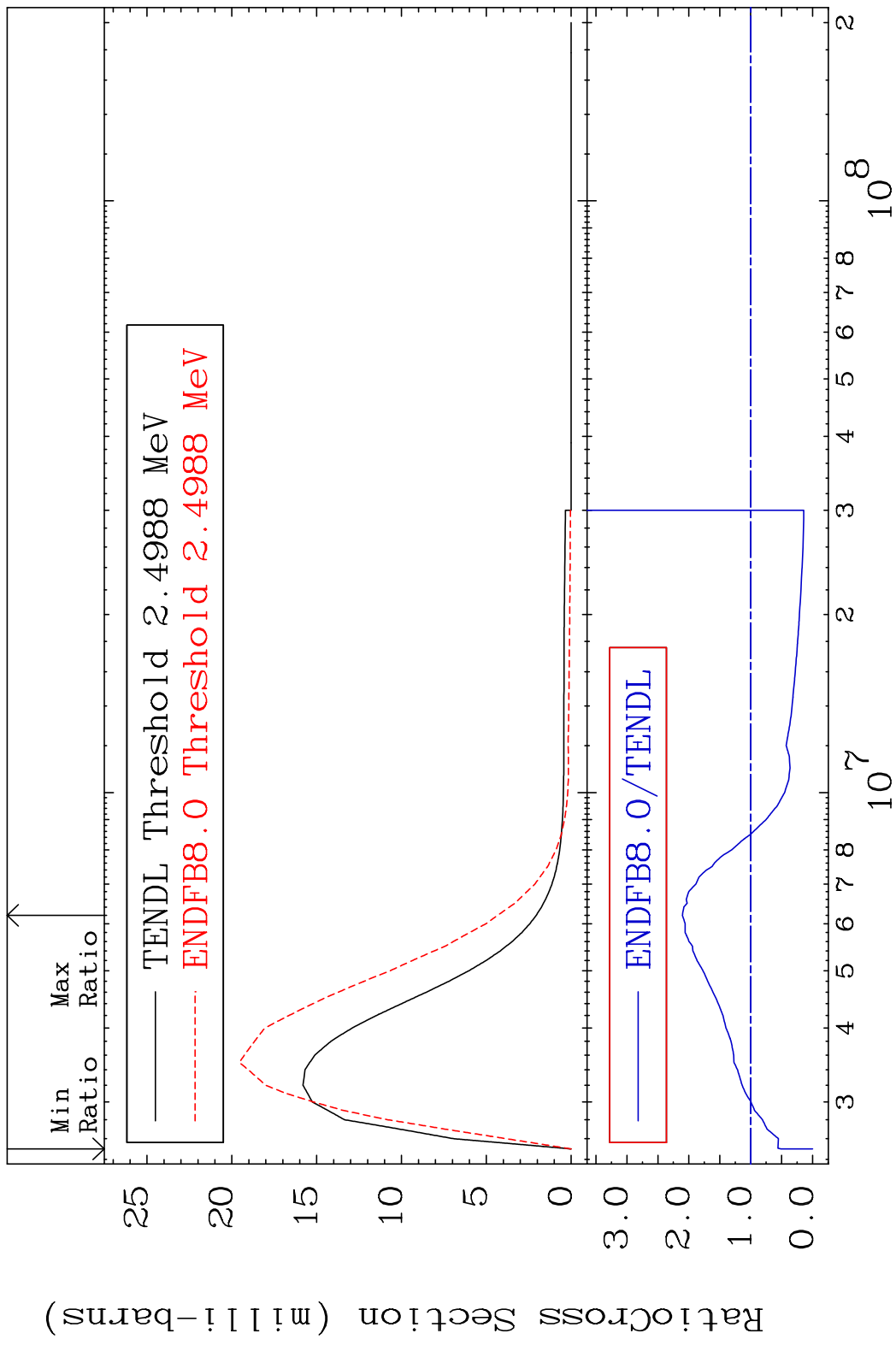
MAT 4625 MT= 66 (n, n') Level 46-Pd-102
 Cross Section -85.44 To 45.94 %



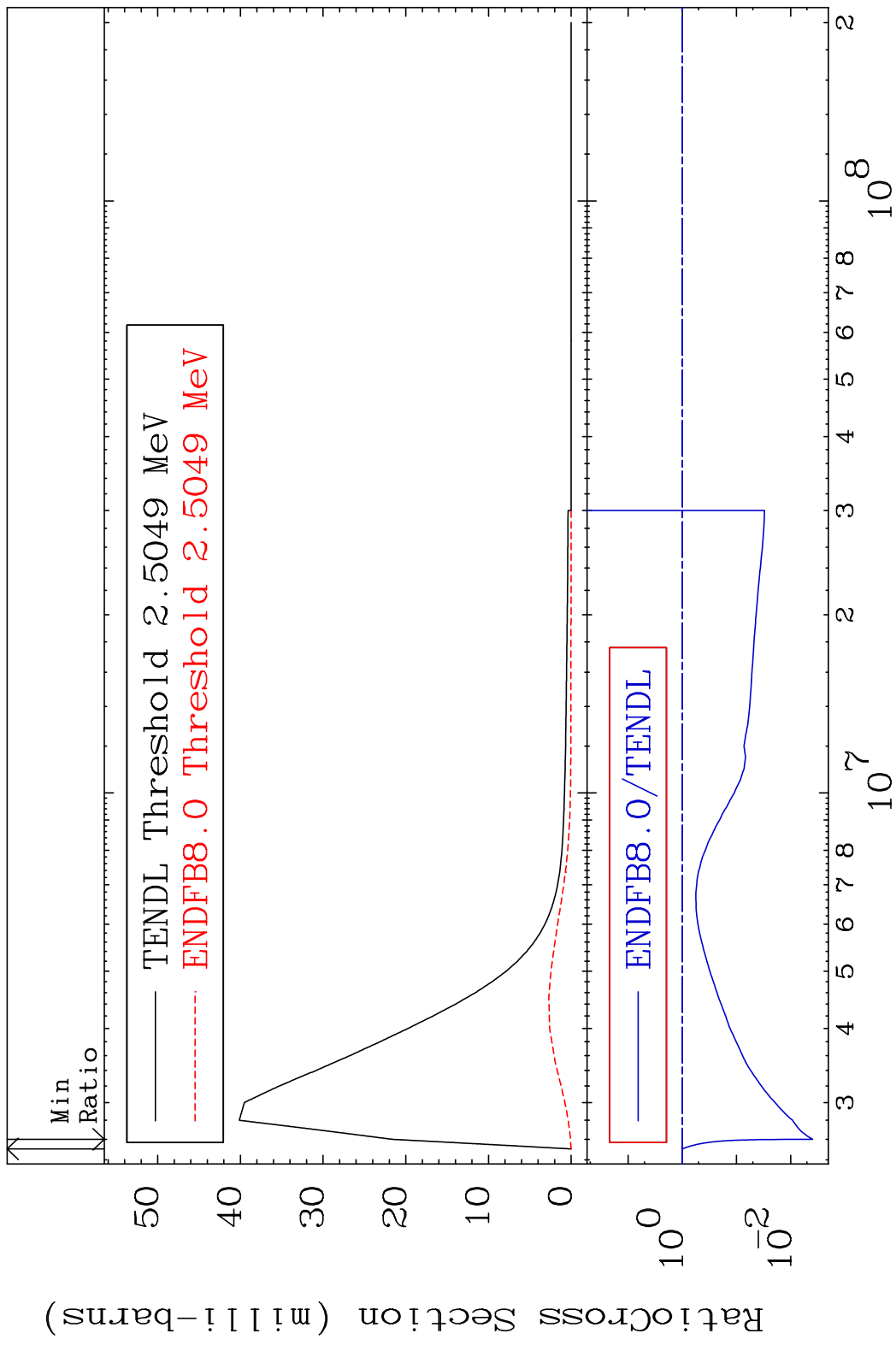
MAT 4625 MT= 67 (n,n') Level 46-Pd-102
 Cross Section -100.0 To -31.78%



MAT 4625 MT= 68 (n,n') Level 46-Pd-102
 Cross Section -100.0 To 110.5 %

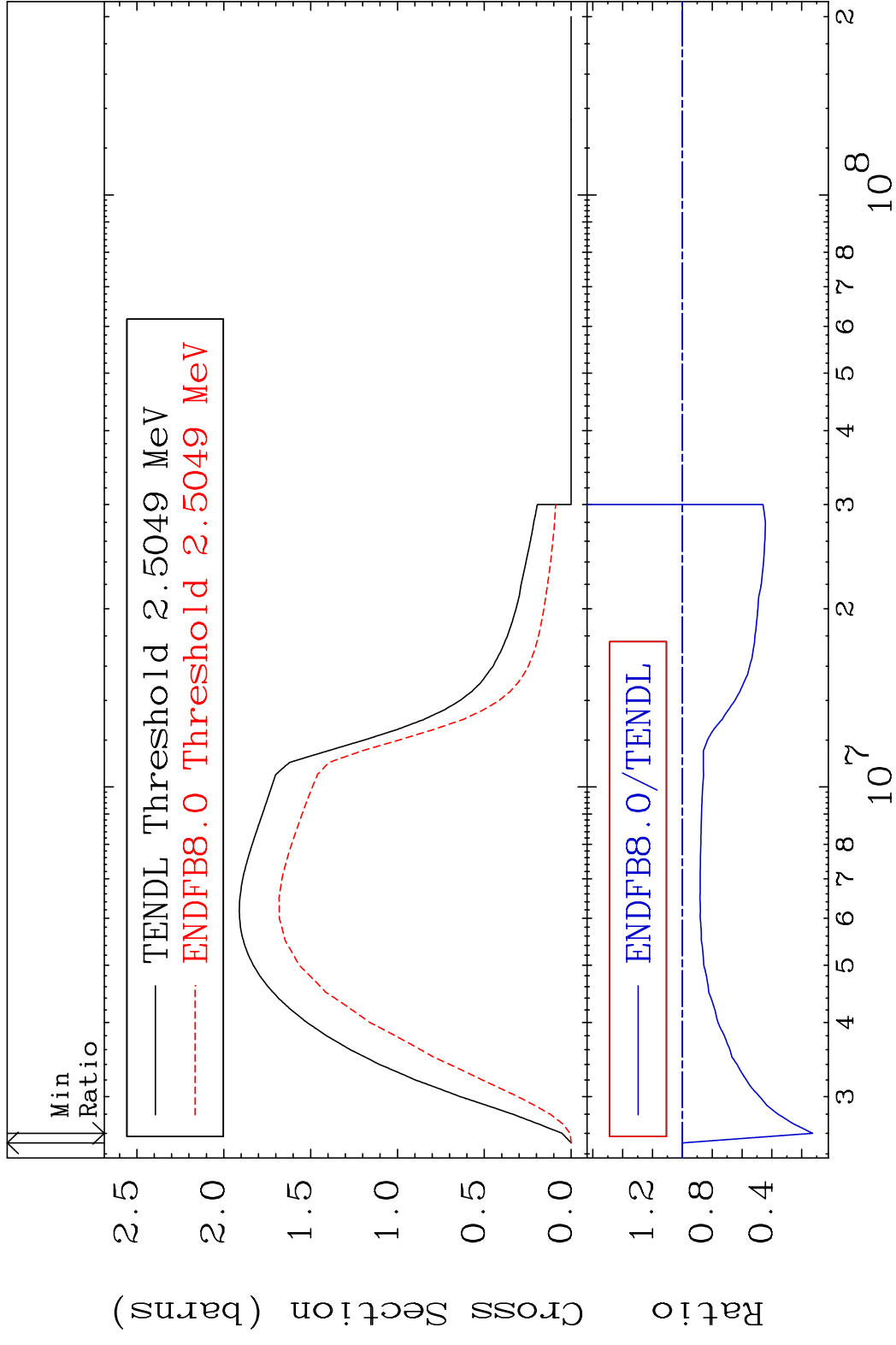


MAT 4625 MT= 69 (n,n') Level 46-Pd-102
 Cross Section -99.61 To 0.000 %



30 Incident Energy (eV) 46-Pd-102

MAT 4625 (n,n') Continuum 46-Pd-102
 Cross Section -87.25 To 0.000 %

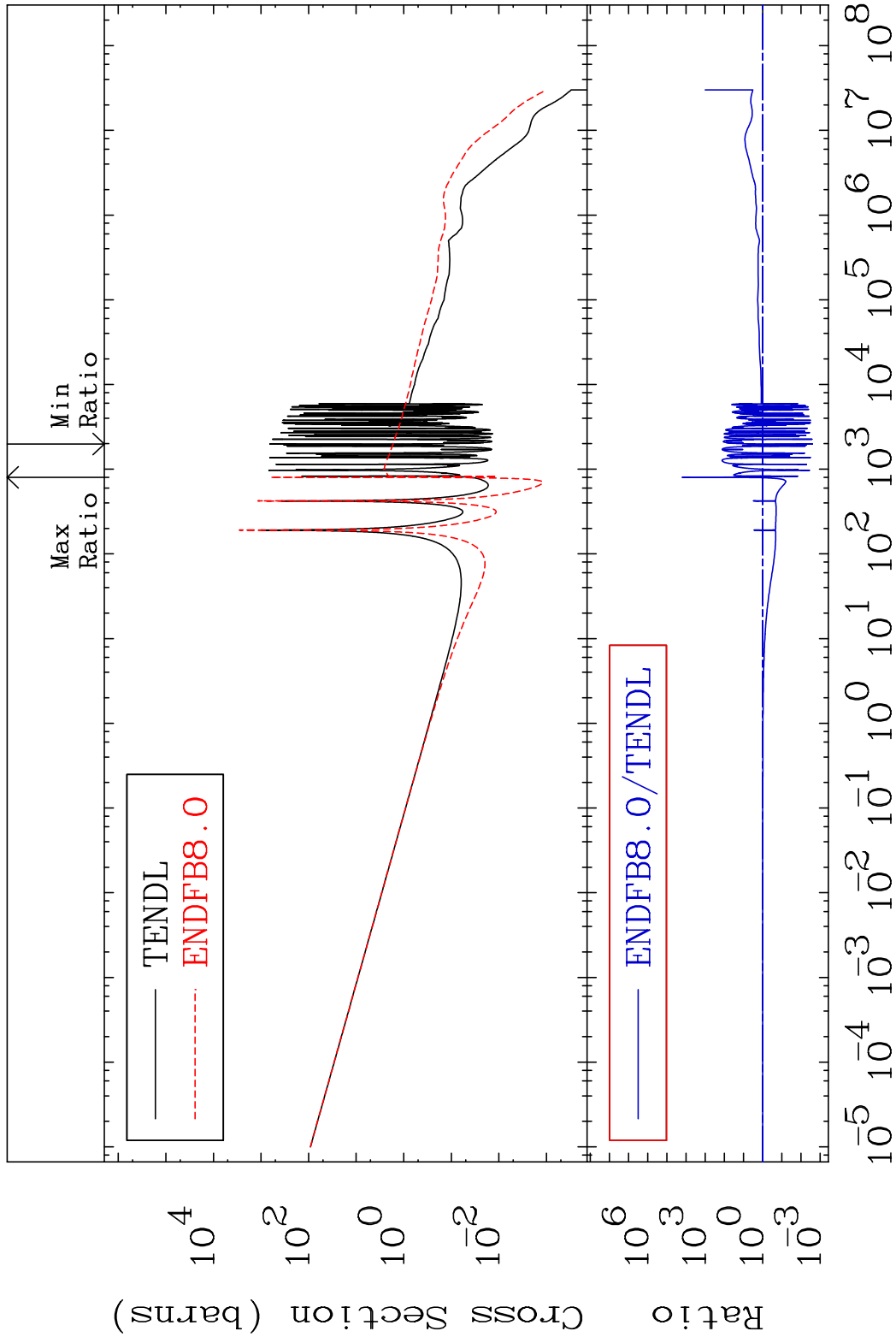


MAT 4625

(n, γ)

46-Pd-102

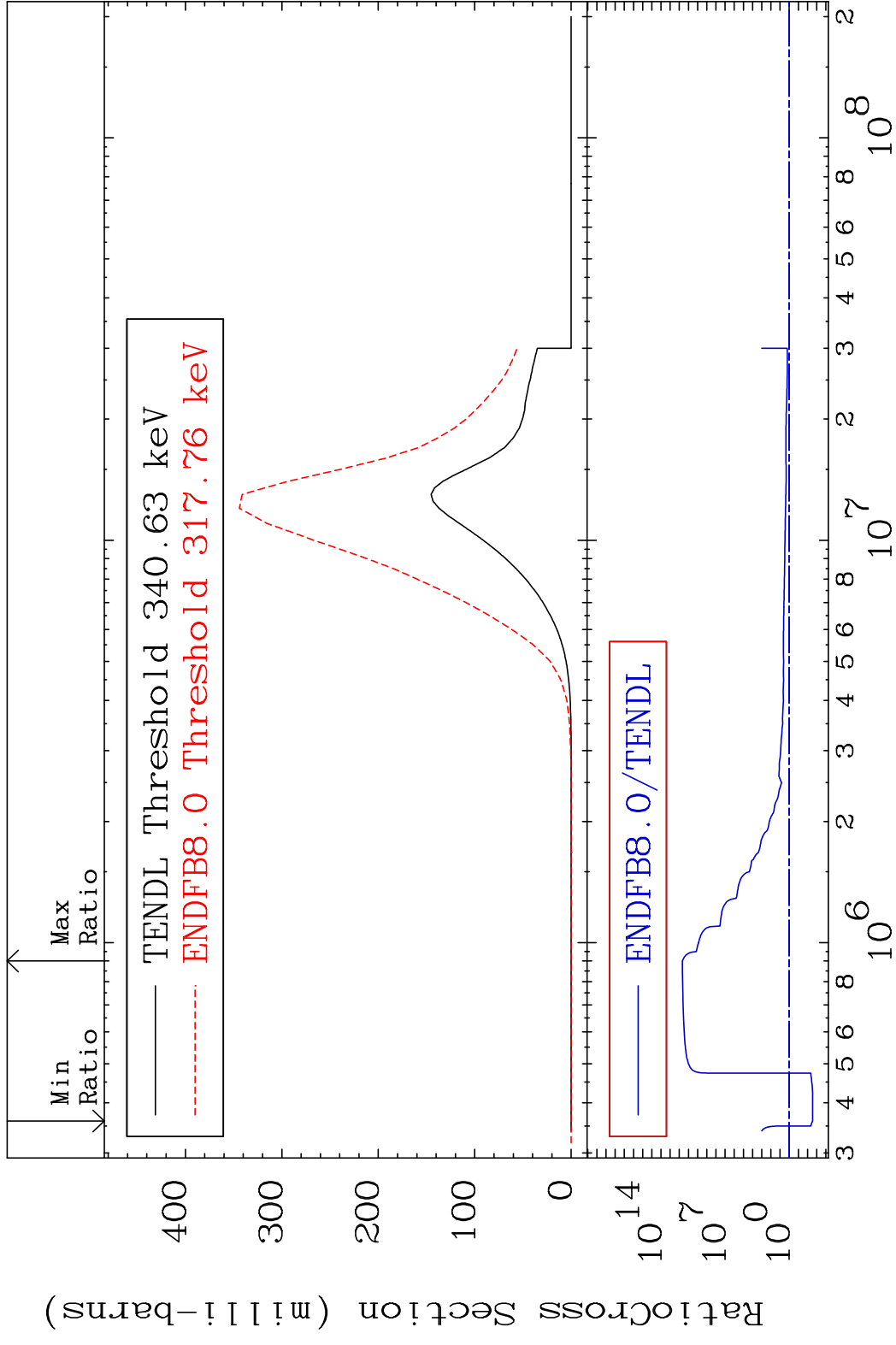
Cross Section -99.75 To 9999. %



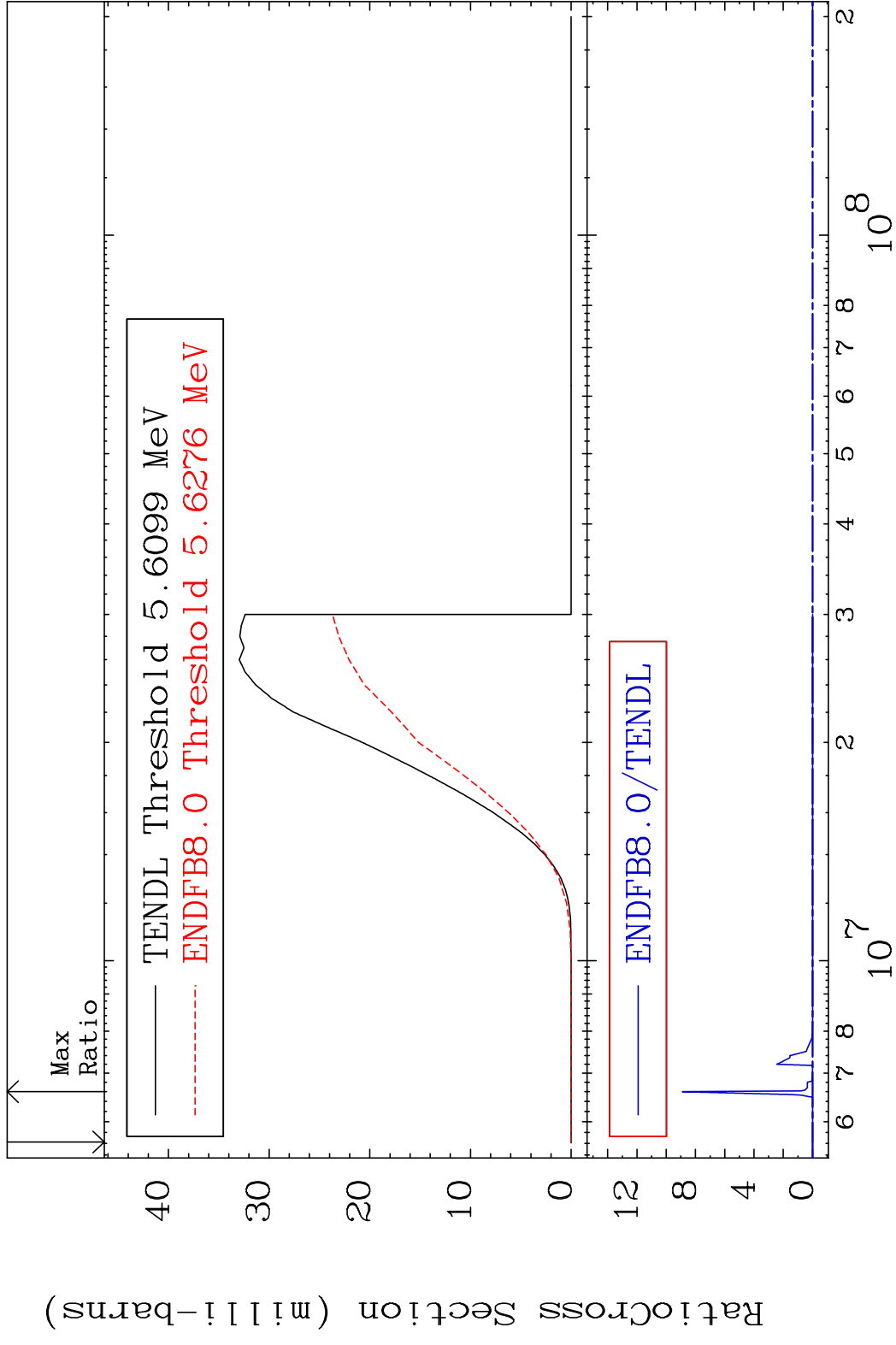
32

Incident Energy (eV)

46-Pd-102



MAT 4625 (n,d) 46-Pd-102
 Cross Section -100.0 To 9999. %

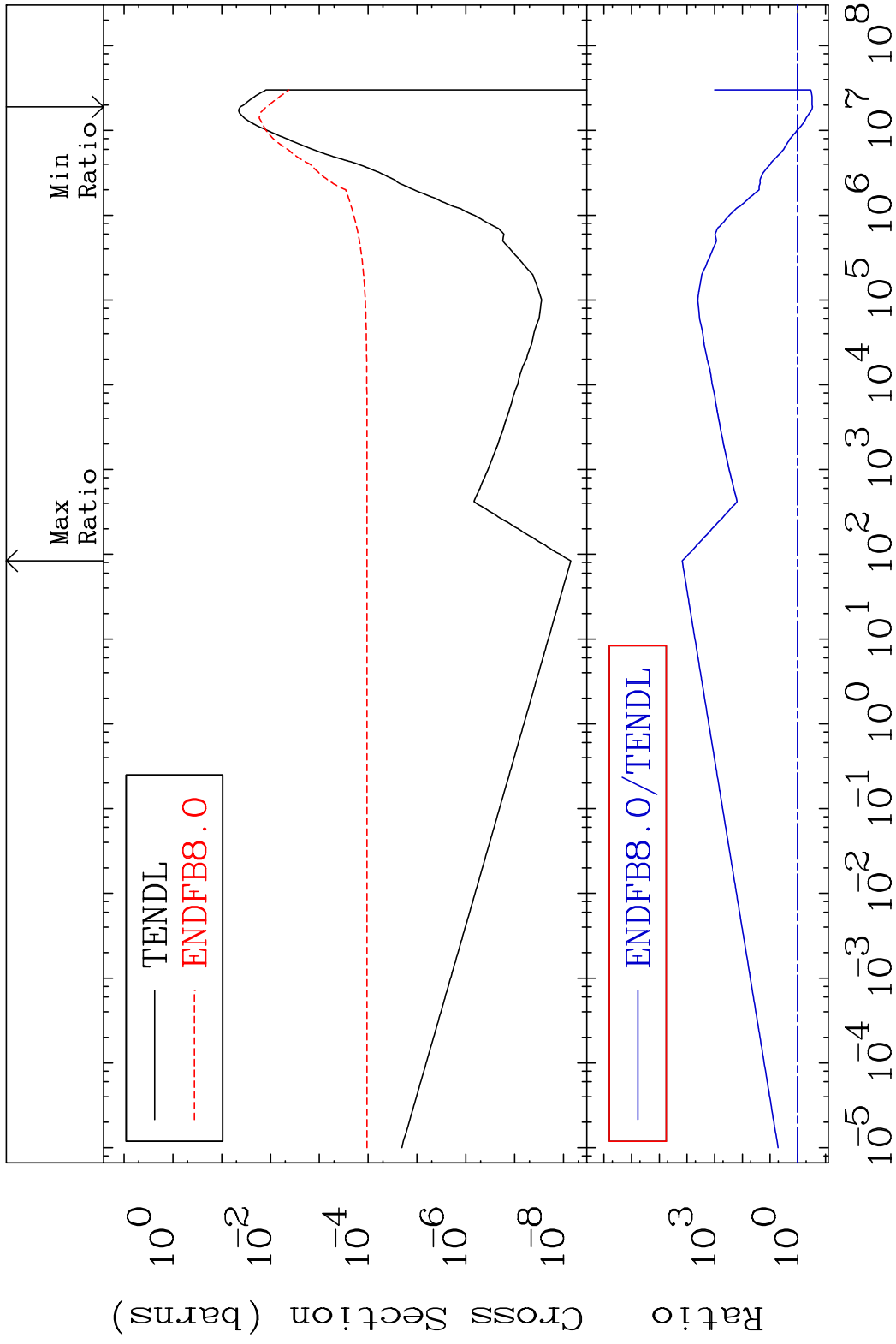


MAT 4625

(n, α)

46-Pd-102

Cross Section -70.62 To 9999. %

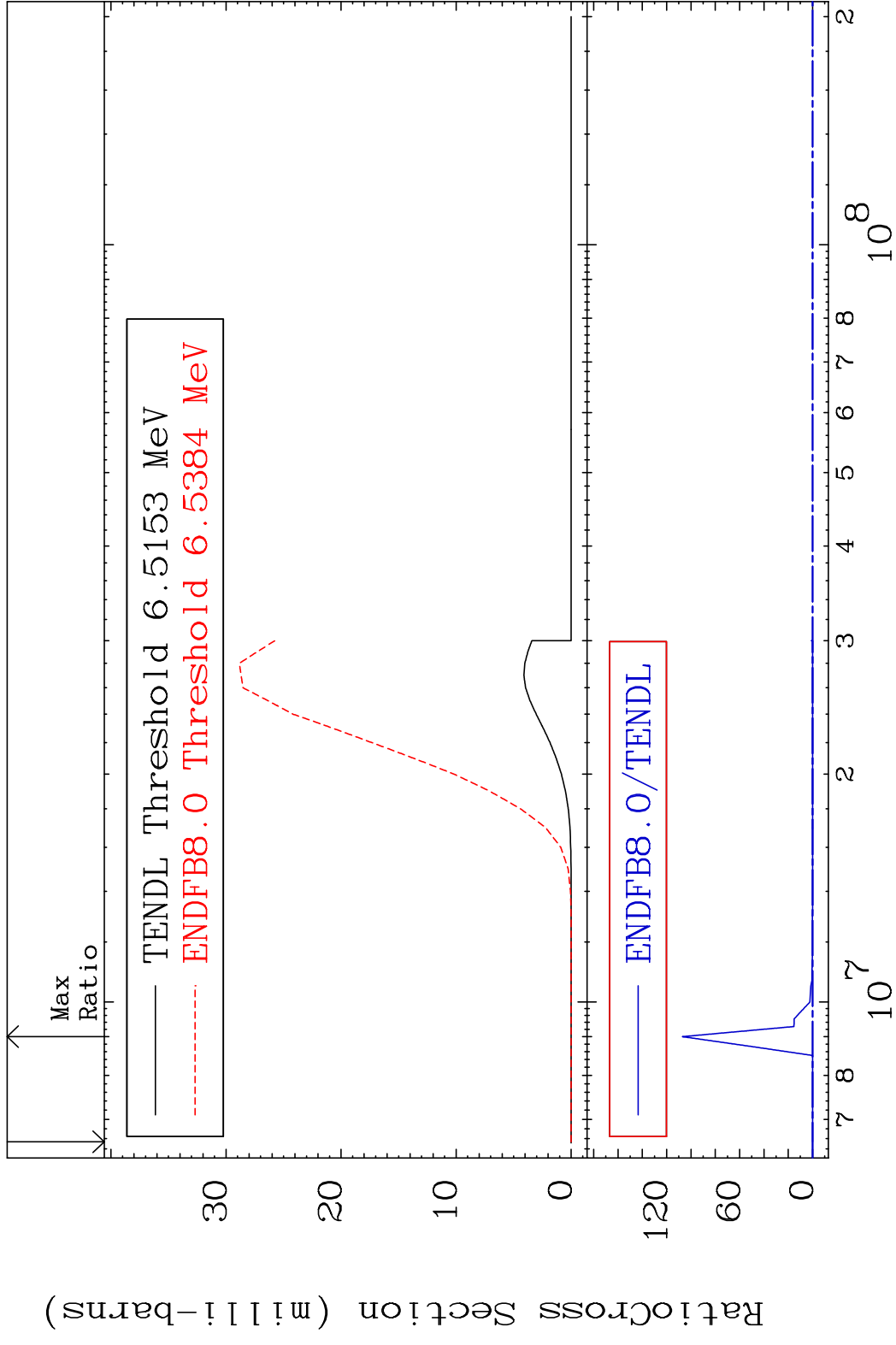


35

Incident Energy (eV)

46-Pd-102

MAT 4625 (n,2p) 46-Pd-102
 Cross Section -100.0 To 9999. %

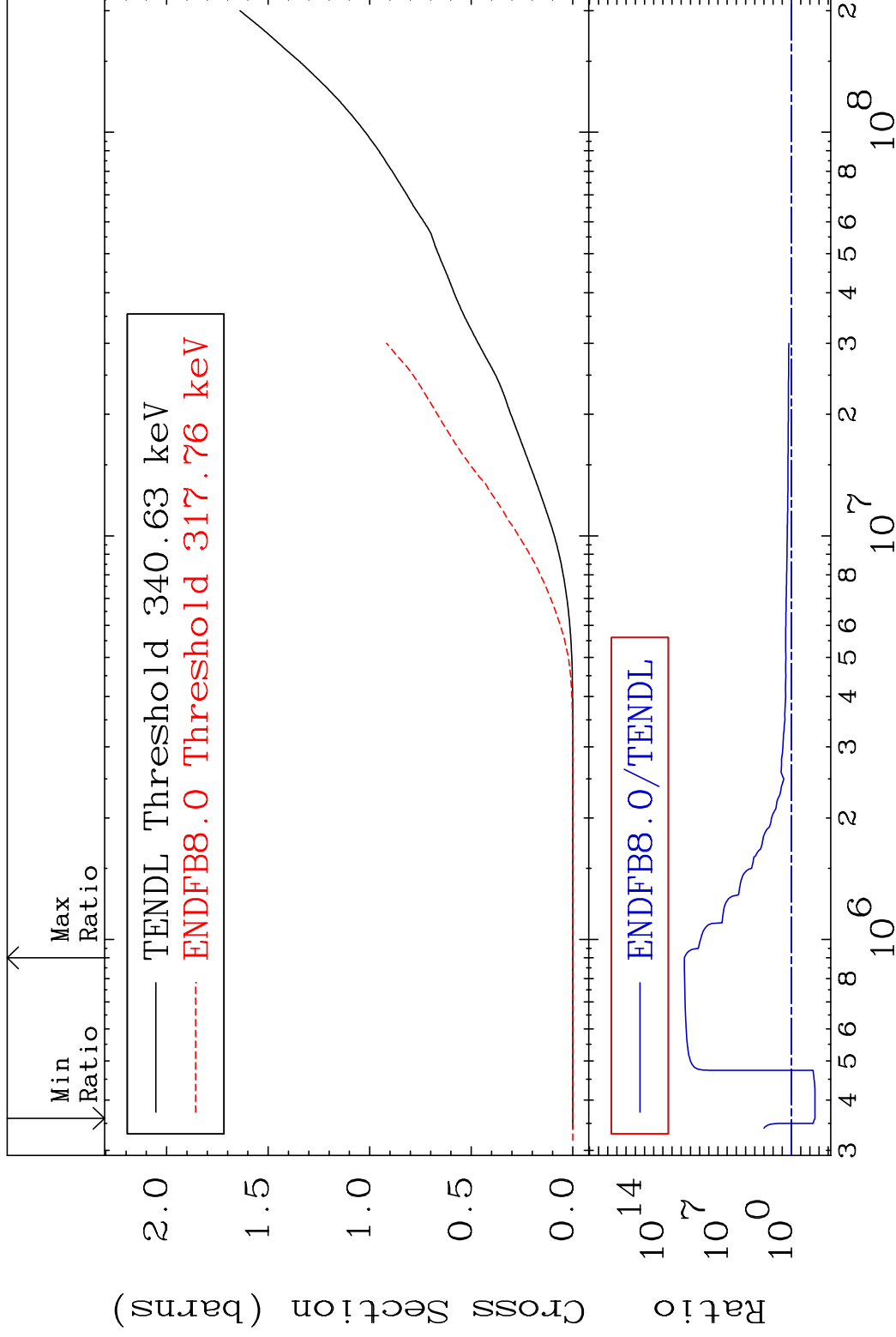


MAT 4625

Hydrogen Production

46-Pd-102

Cross Section -99.72 To 9999. %

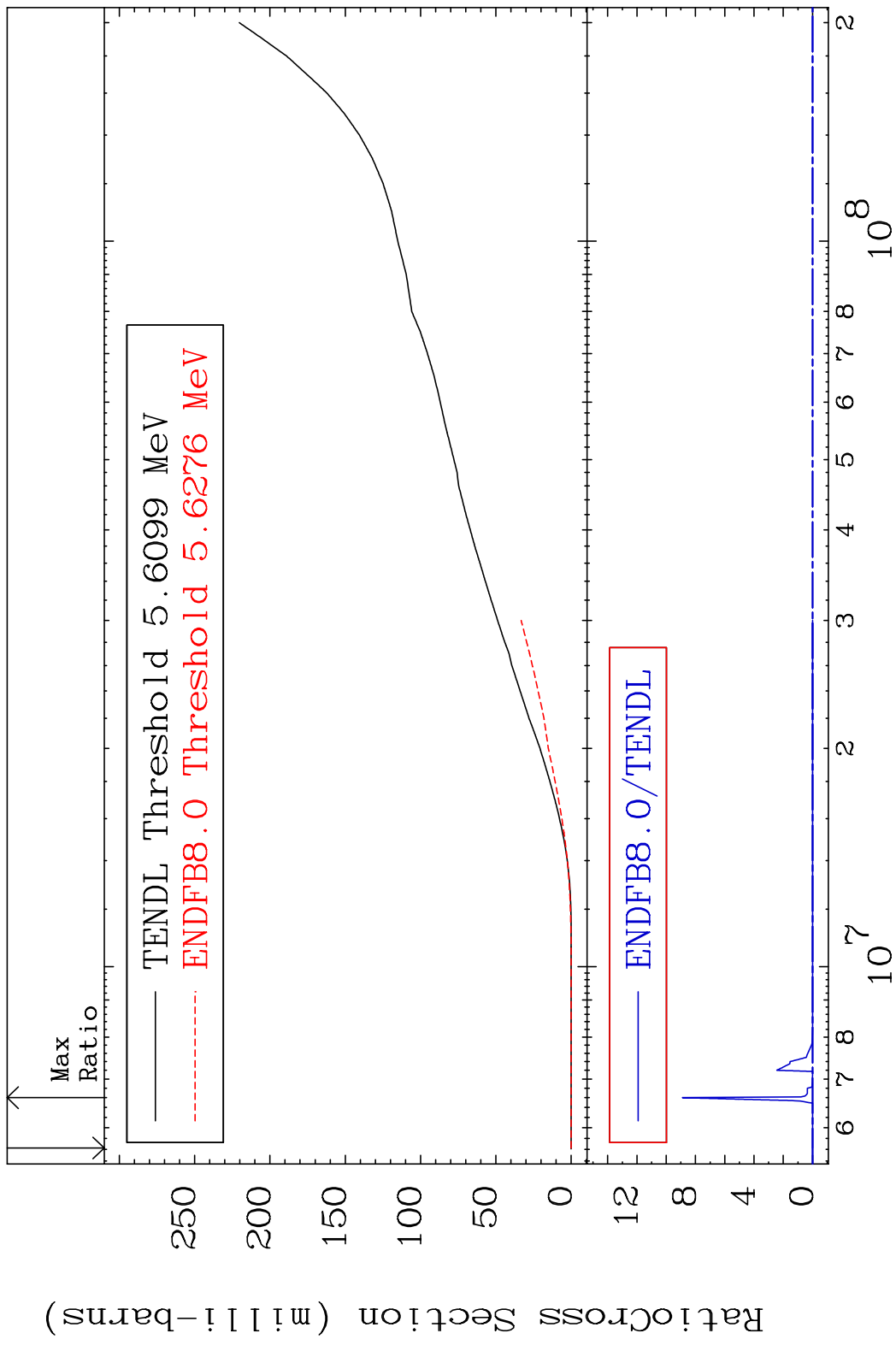


37

Incident Energy (eV)

46-Pd-102

MAT 4625 Deuterium Production 46-Pd-102
 Cross Section -100.0 To 9999. %

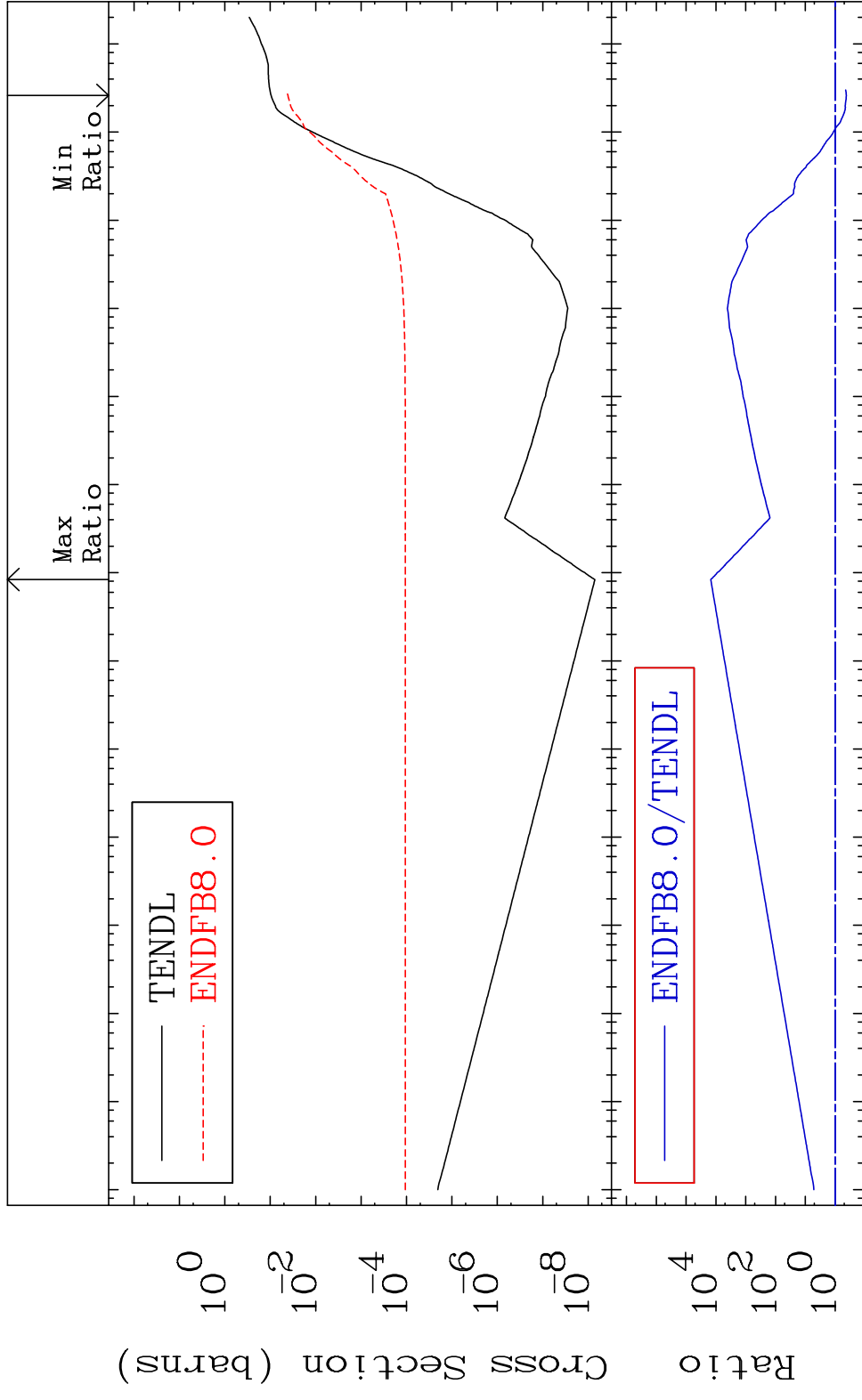


MAT 4625

He-4 Production

46-Pd-102

Cross Section -57.65 To 9999. %

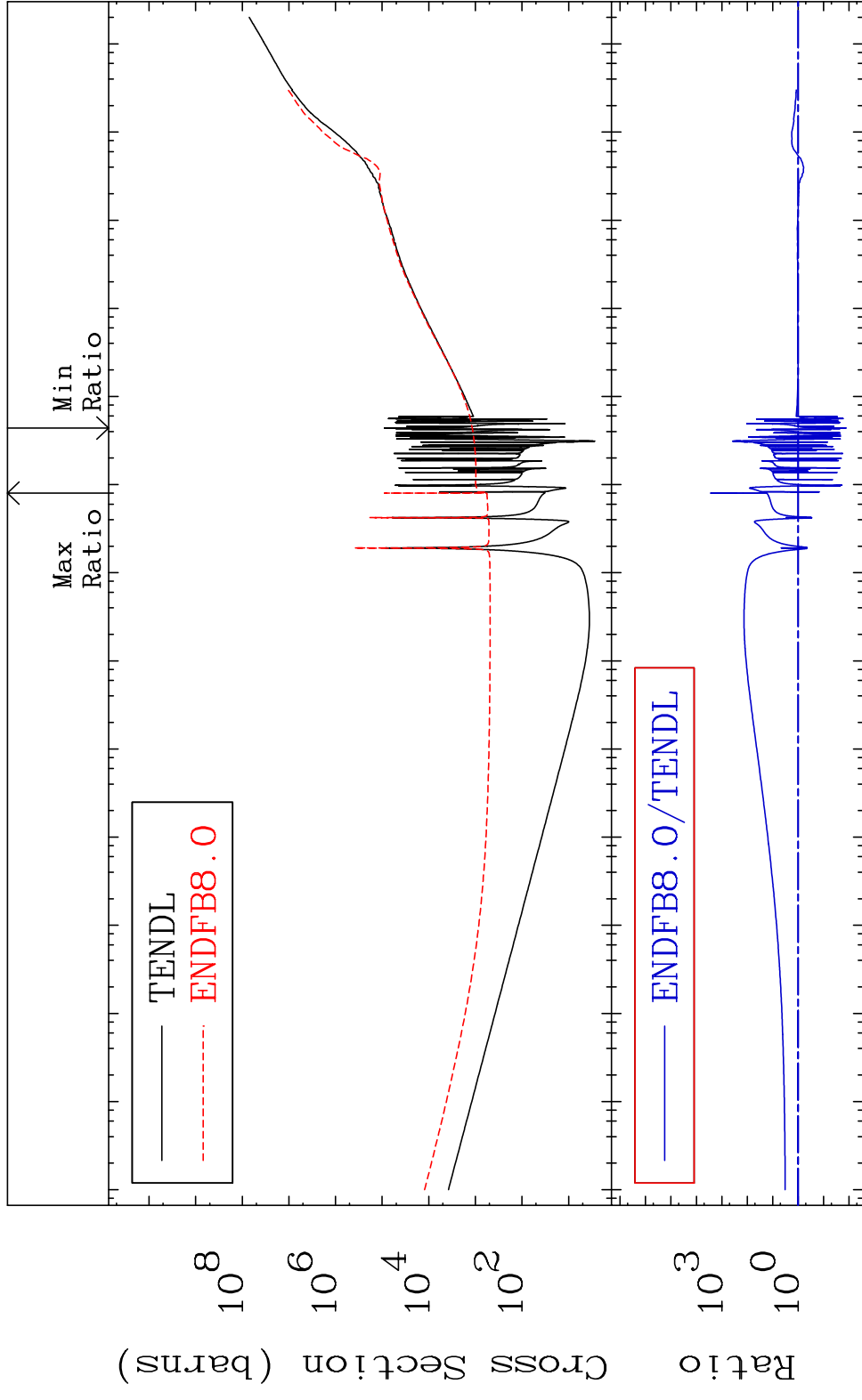


39

Incident Energy (eV)

46-Pd-102

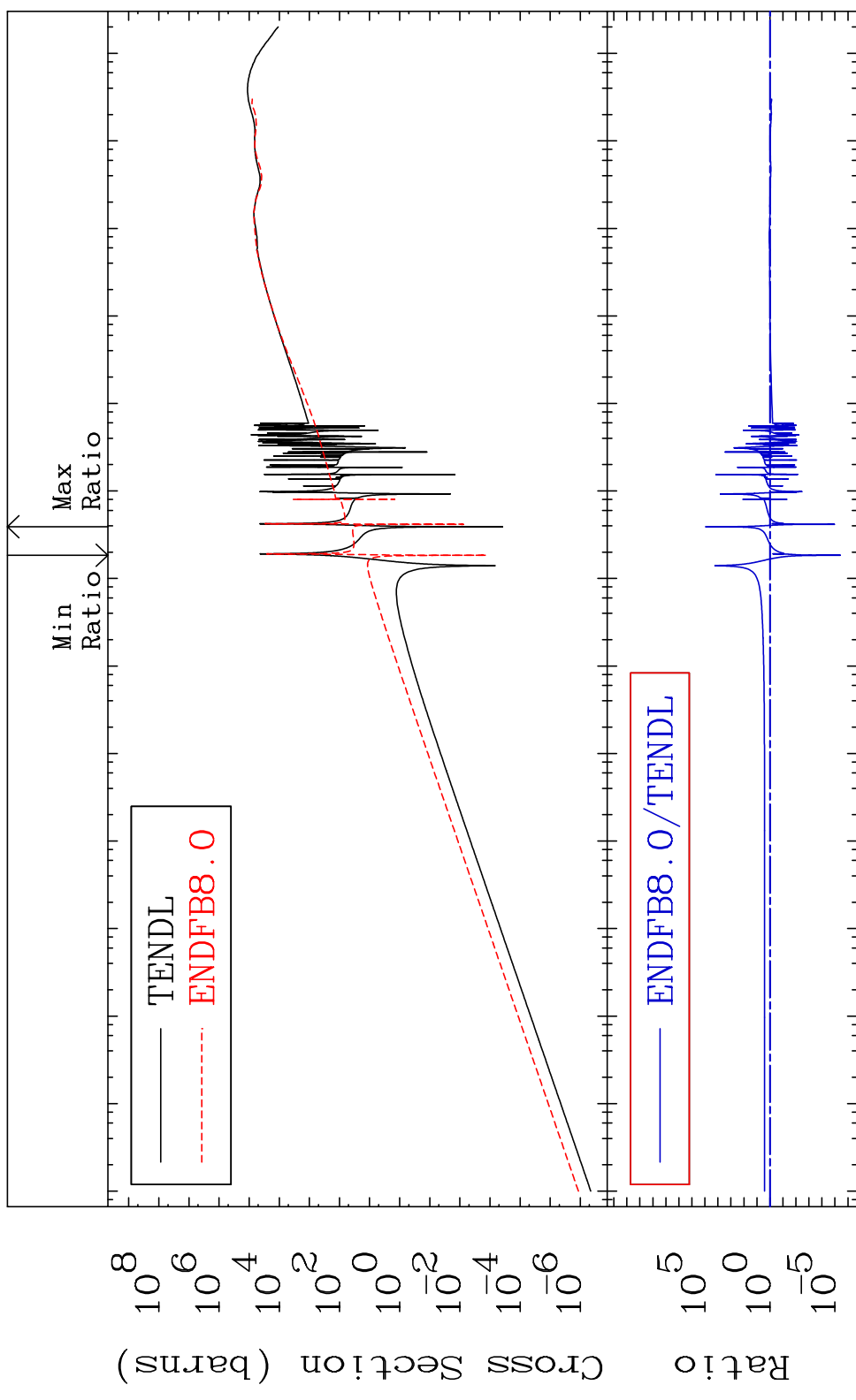
MAT 4625 Kerma total (eV-barns) 46-Pd-102
 Cross Section -98.71 To 9999. %



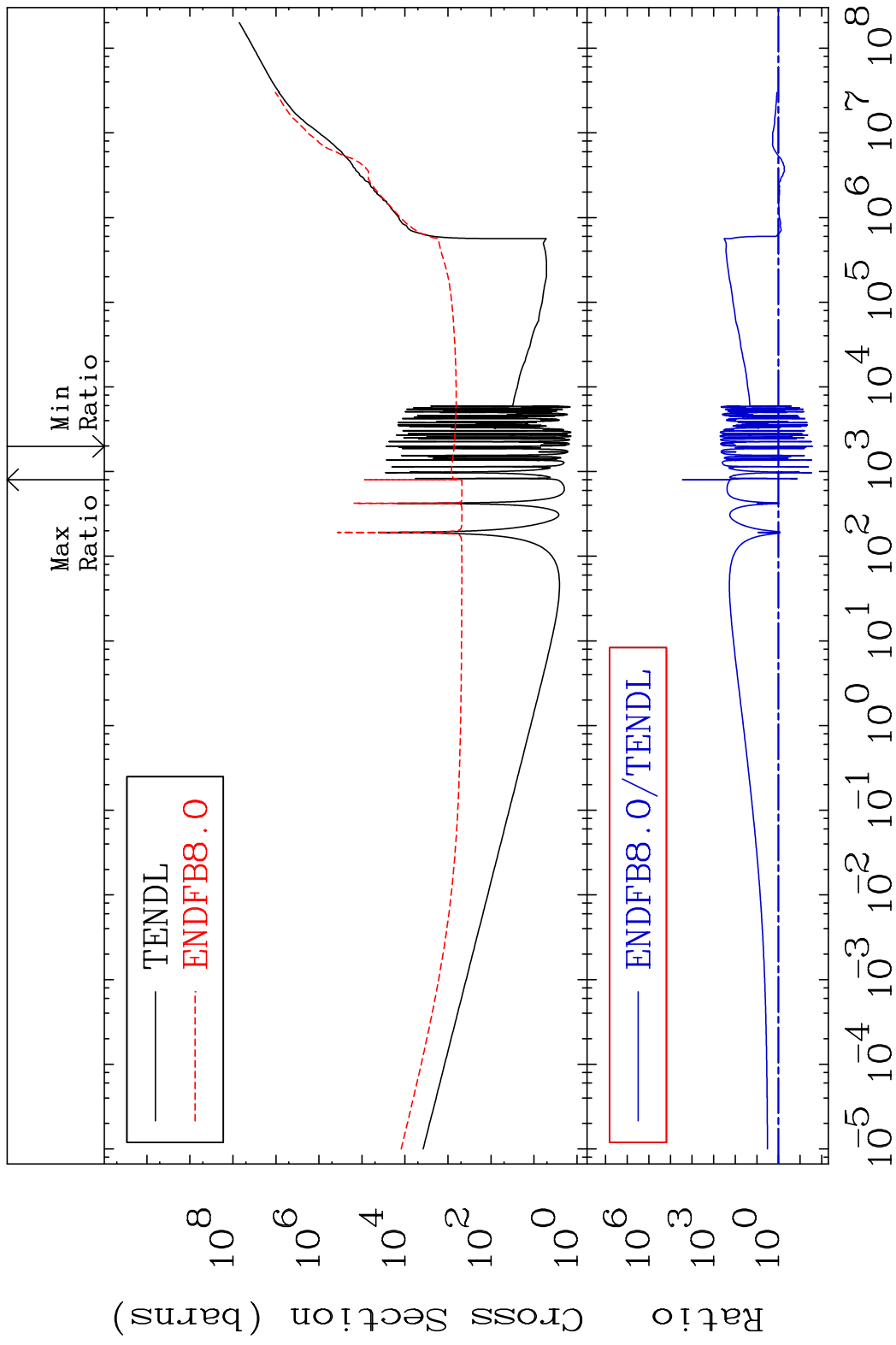
40 Incident Energy (eV) 46-Pd-102

MAT 4625

Kerma elastic Cross Section -100.0 To 9999. %
46-Pd-102

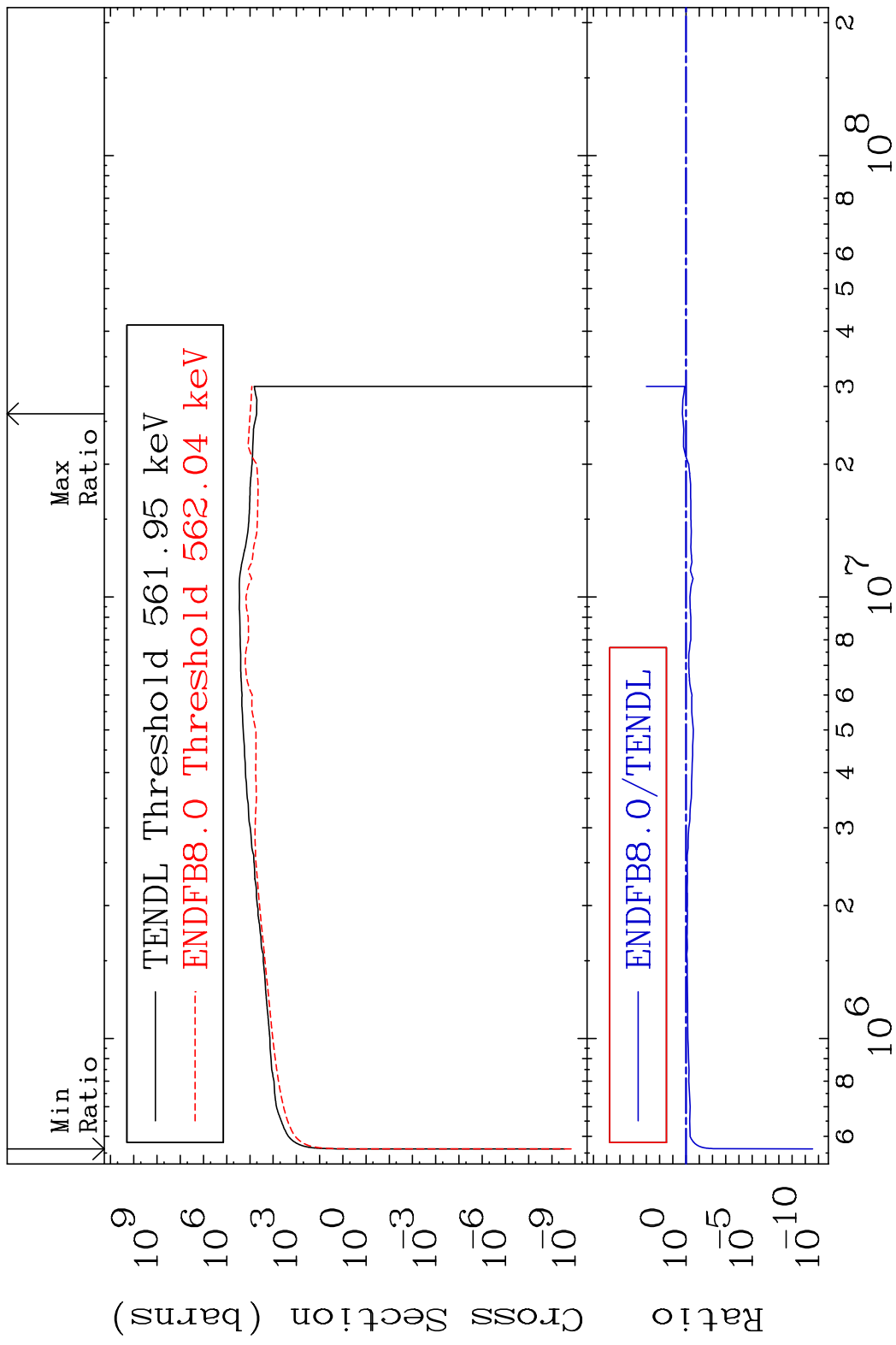


MAT 4625 Kerma non-elastic (all but mt2) 46-Pd-102
 Cross Section -97.34 To 9999. %

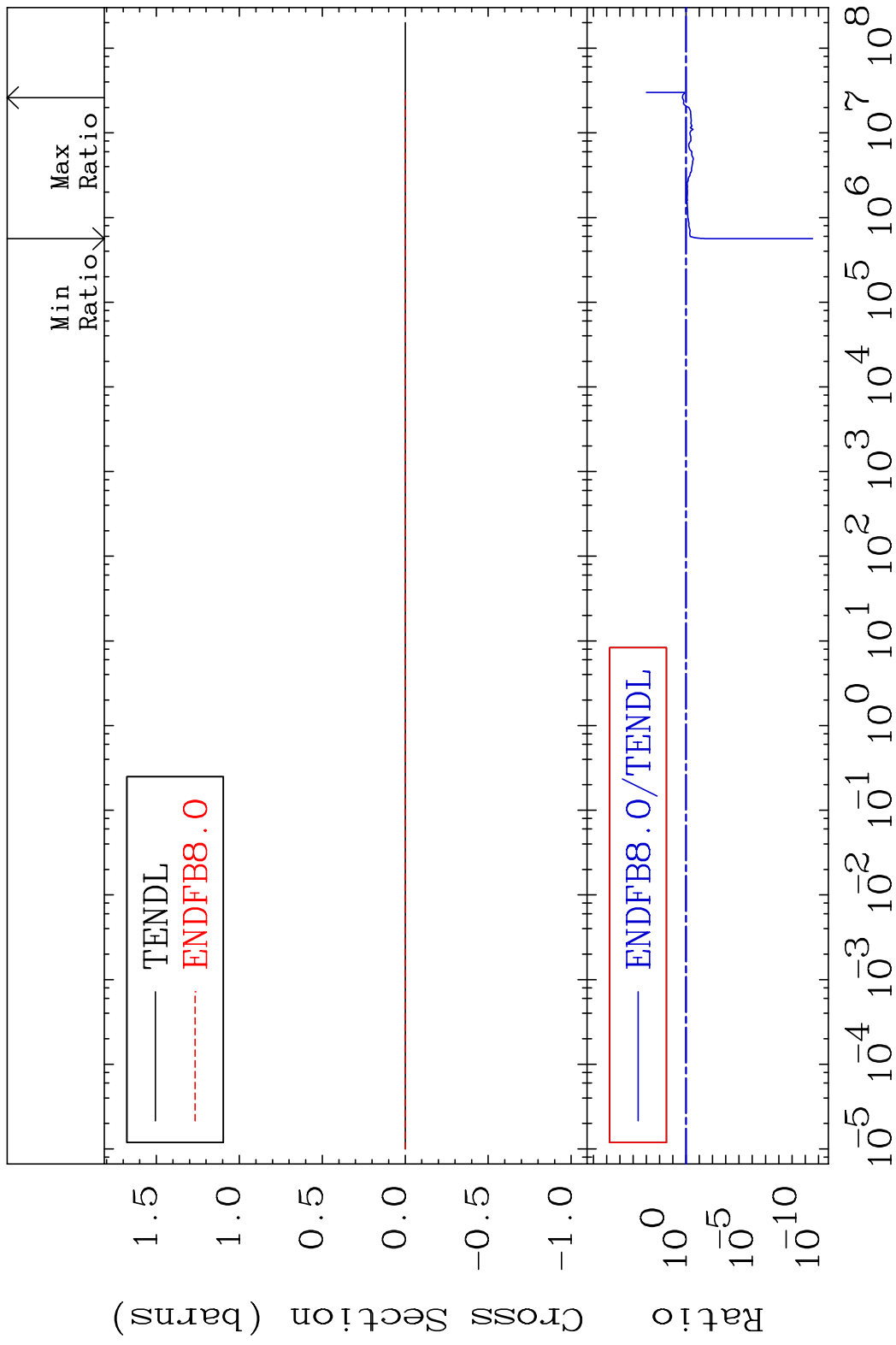


42 Incident Energy (eV) 46-Pd-102

MAT 4625 Kerma inelastic (mt51-91) 46-Pd-102
 Cross Section -100.0 To 91.99 %

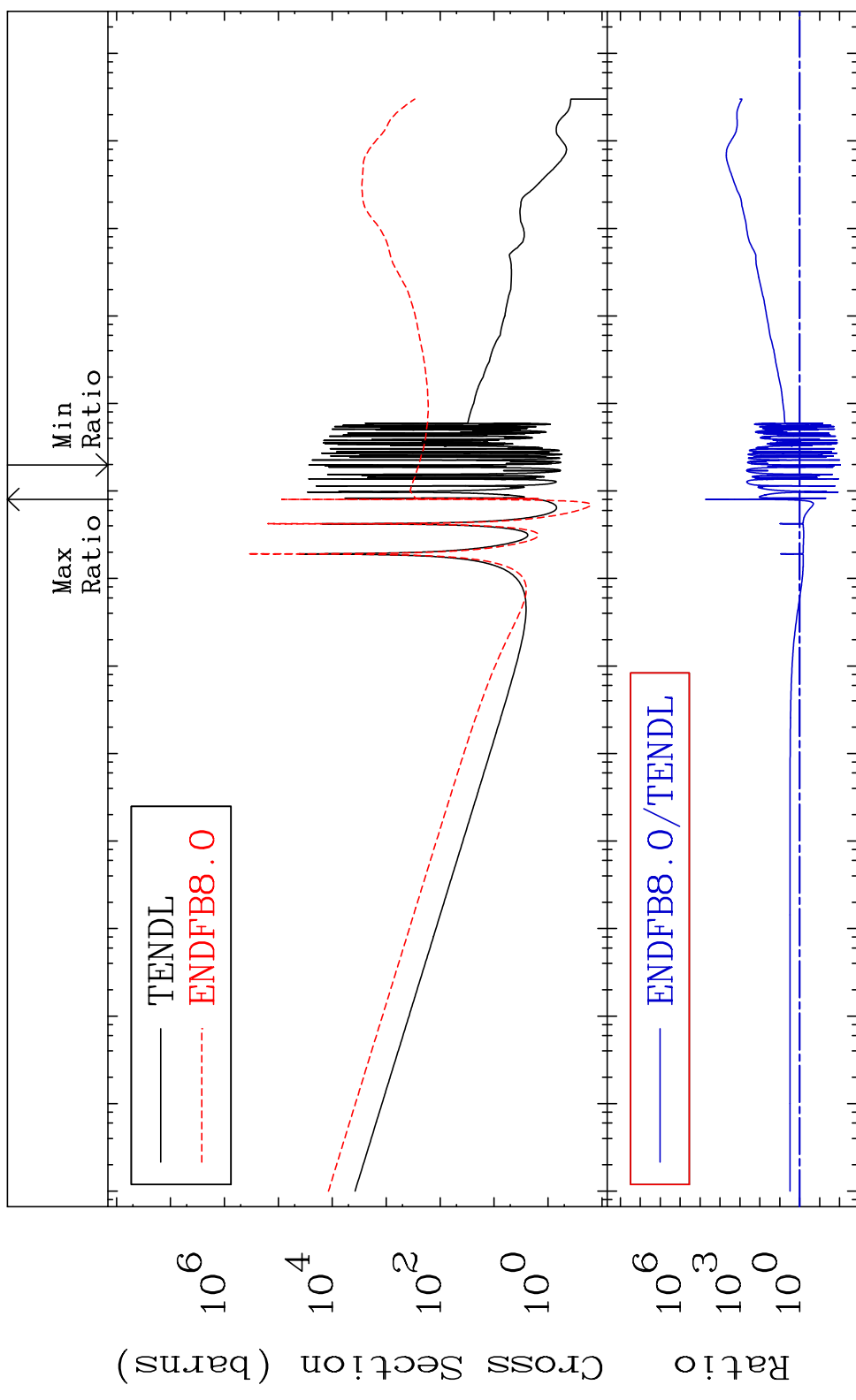


MAT 4625 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-102
 Cross Section -100.0 To 91.99 %



MAT 4625

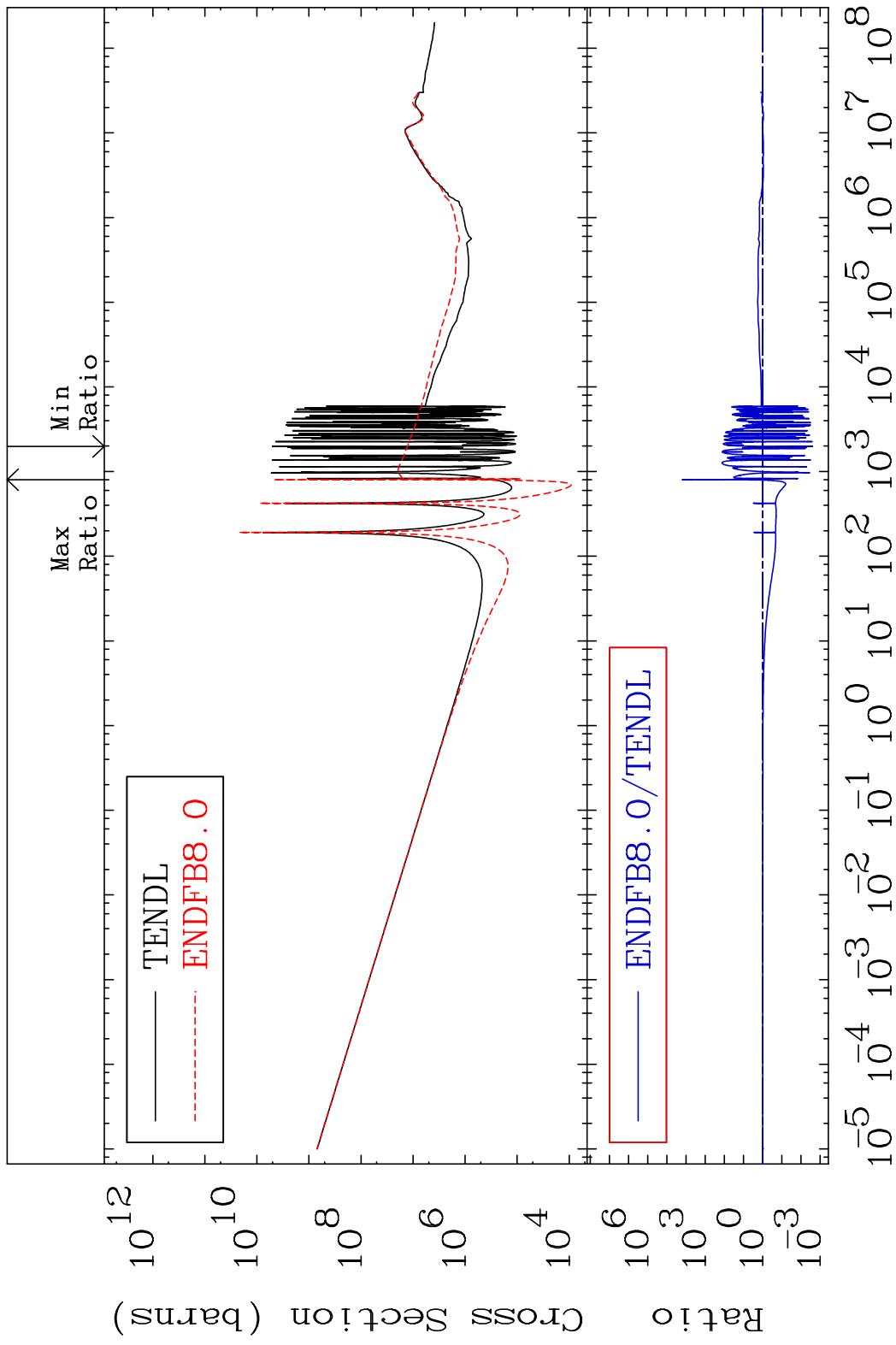
Kerma capture (mt102) 46-Pd-102
Cross Section -99.09 To 9999. %



45

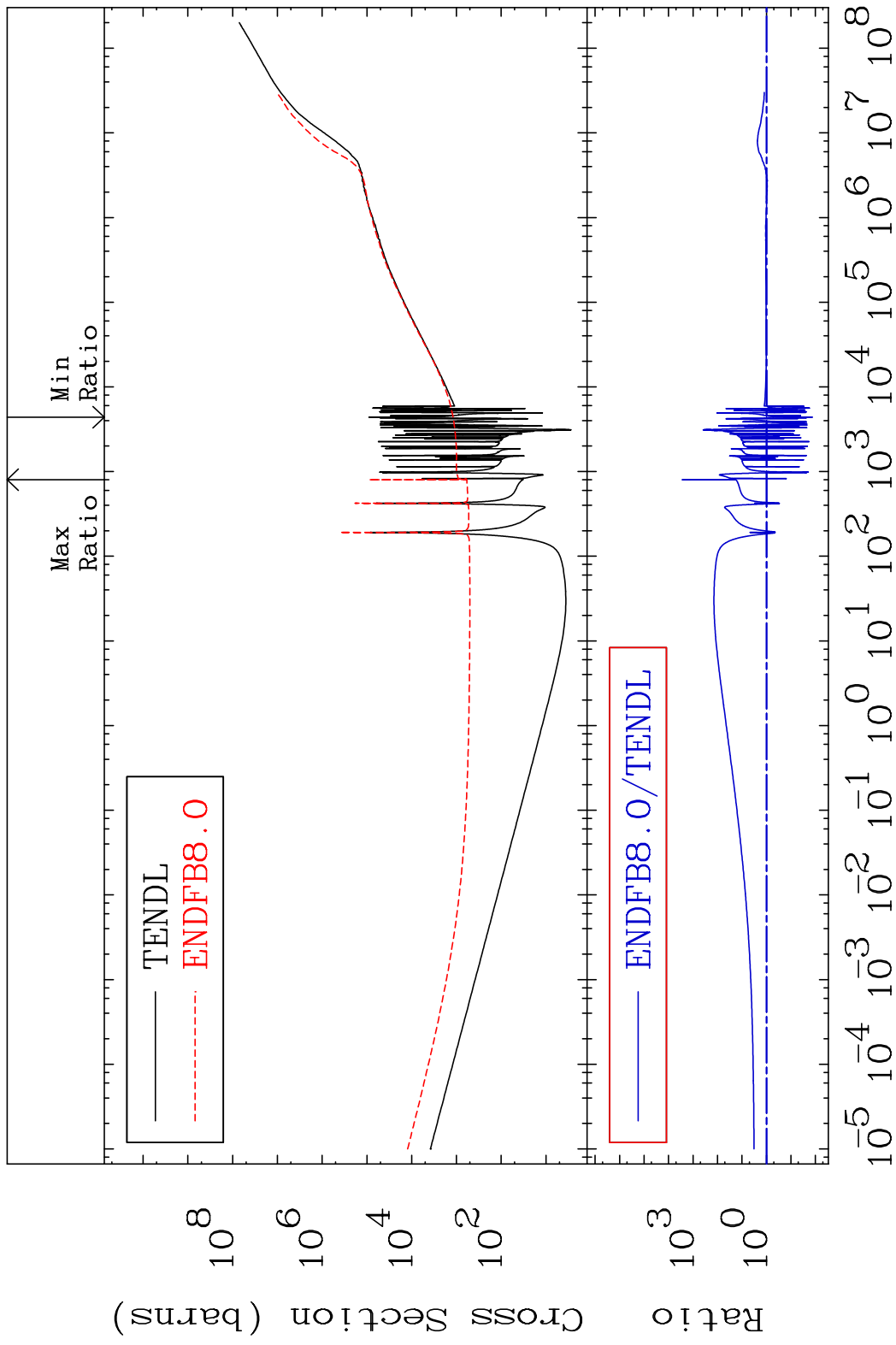
Incident Energy (eV) 46-Pd-102

MAT 4625 Total photon (eV-barns) 46-Pd-102
 Cross Section -99.75 To 9999. %

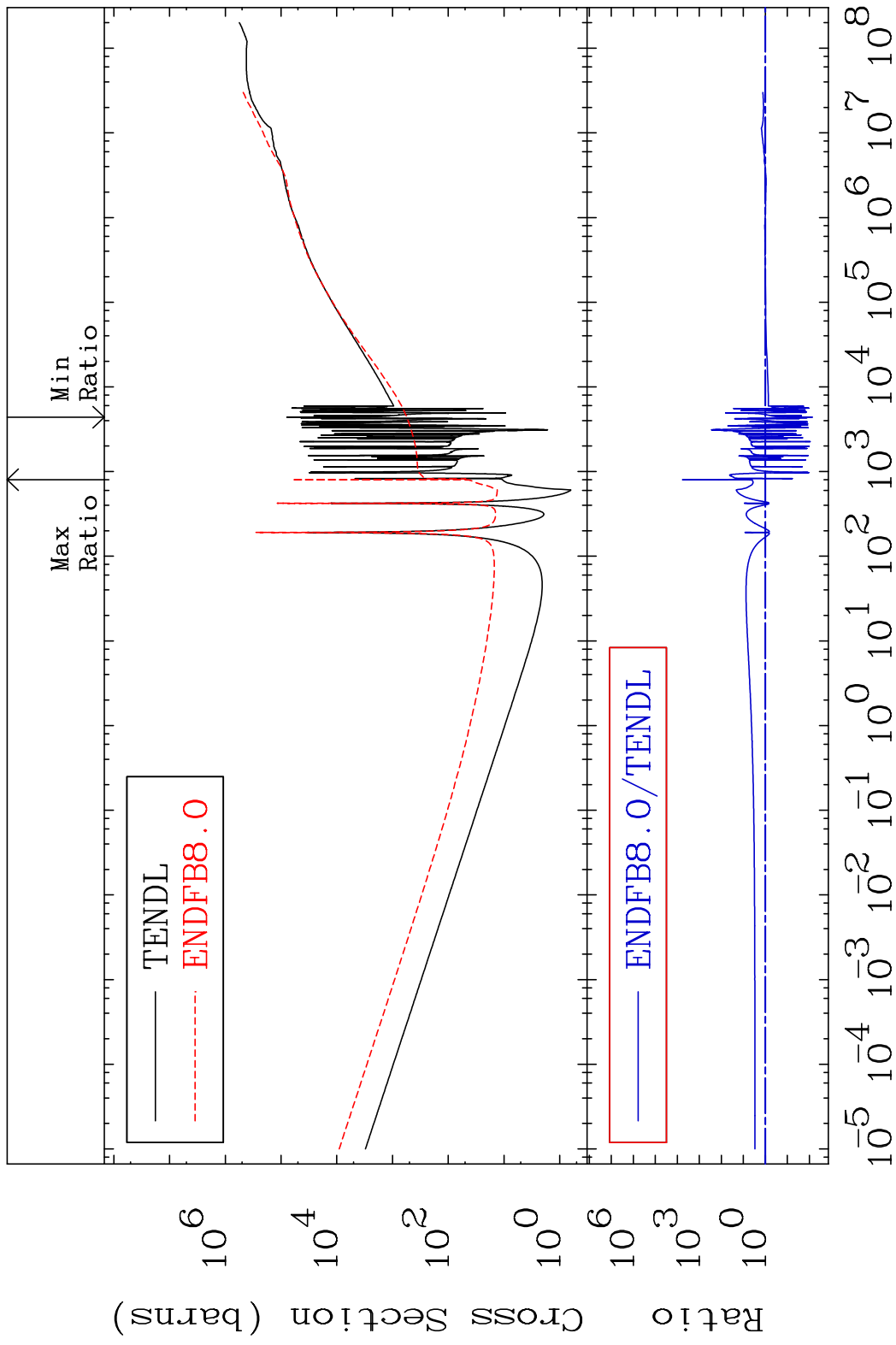


46 Incident Energy (eV) 46-Pd-102

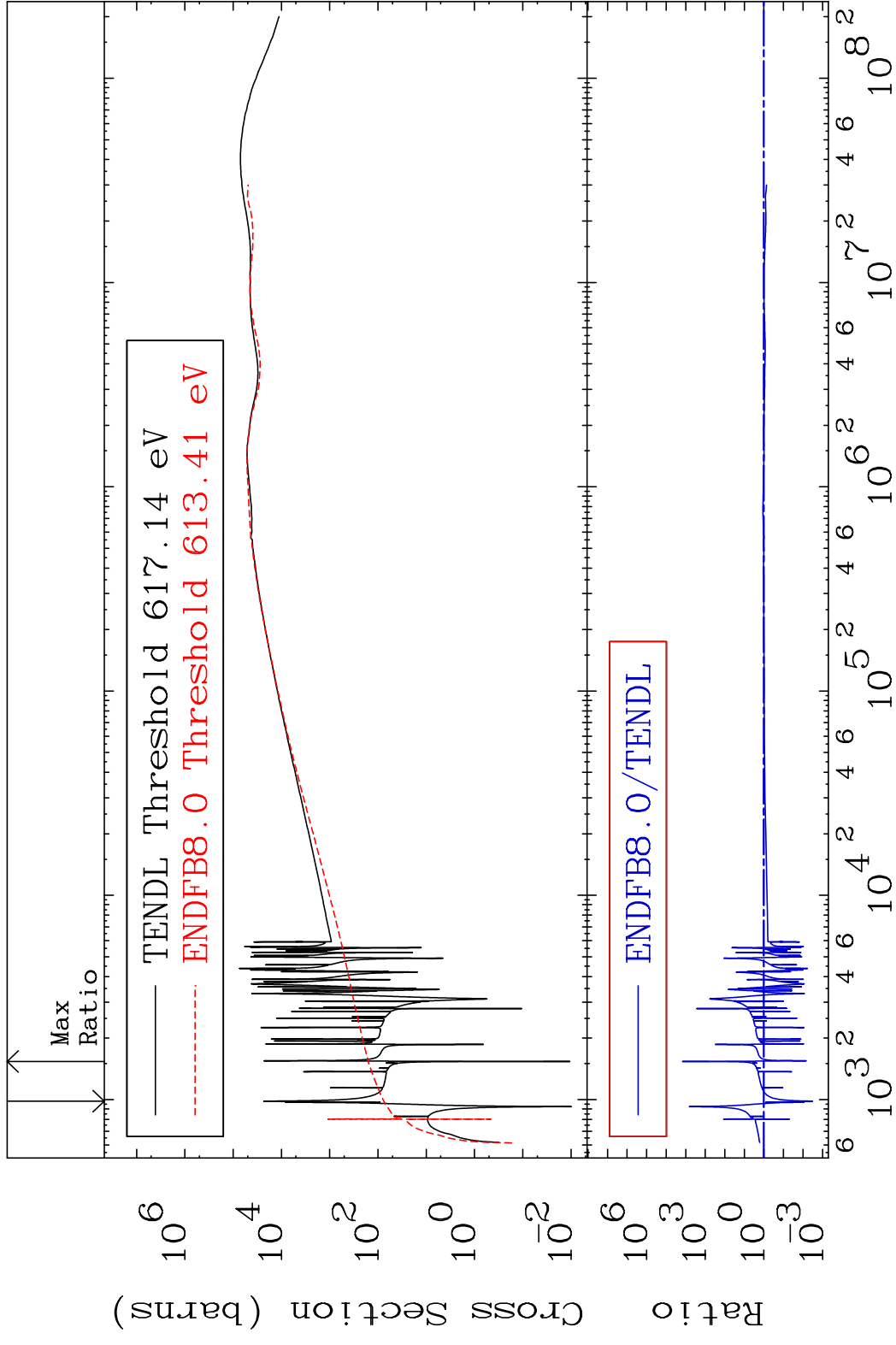
MAT 4625 Total kinematic kerma (high limit) 46-Pd-102
 Cross Section -98.69 To 9999. %



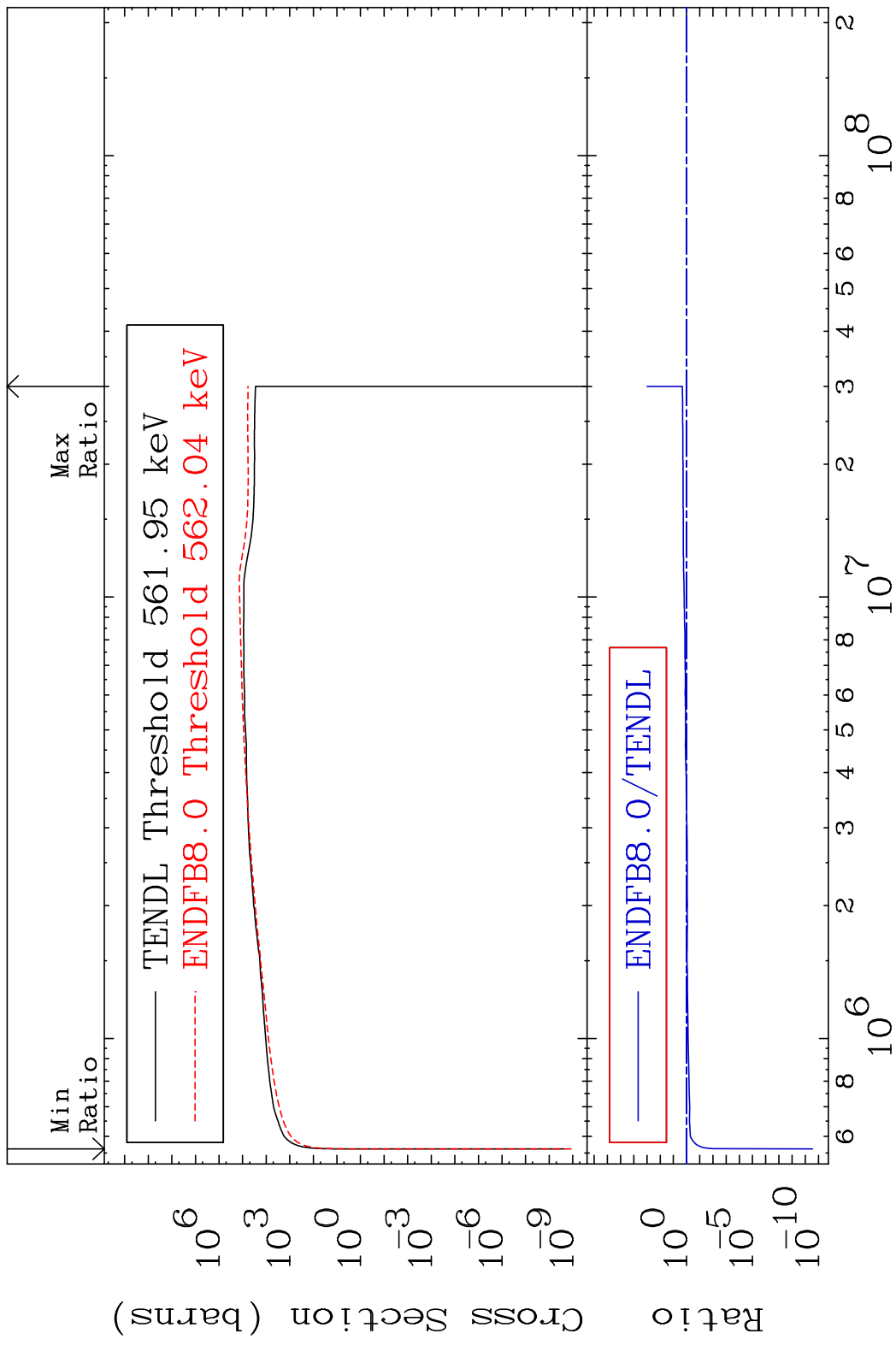
MAT 4625 Dpa total (eV-barns) 46-Pd-102
 Cross Section -99.29 To 9999. %



MAT 4625 Dpa elastic (mt2) 46-Pd-102
 Cross Section -99.67 To 9999. %



MAT 4625 Dpa inelastic (mt51-91) 46-Pd-102
 Cross Section -100.0 To 107.8 %



MAT 4625 Dpa disappearance (mt102 -120) 46-Pd-102
 Cross Section -99.19 To 9999. %

