

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

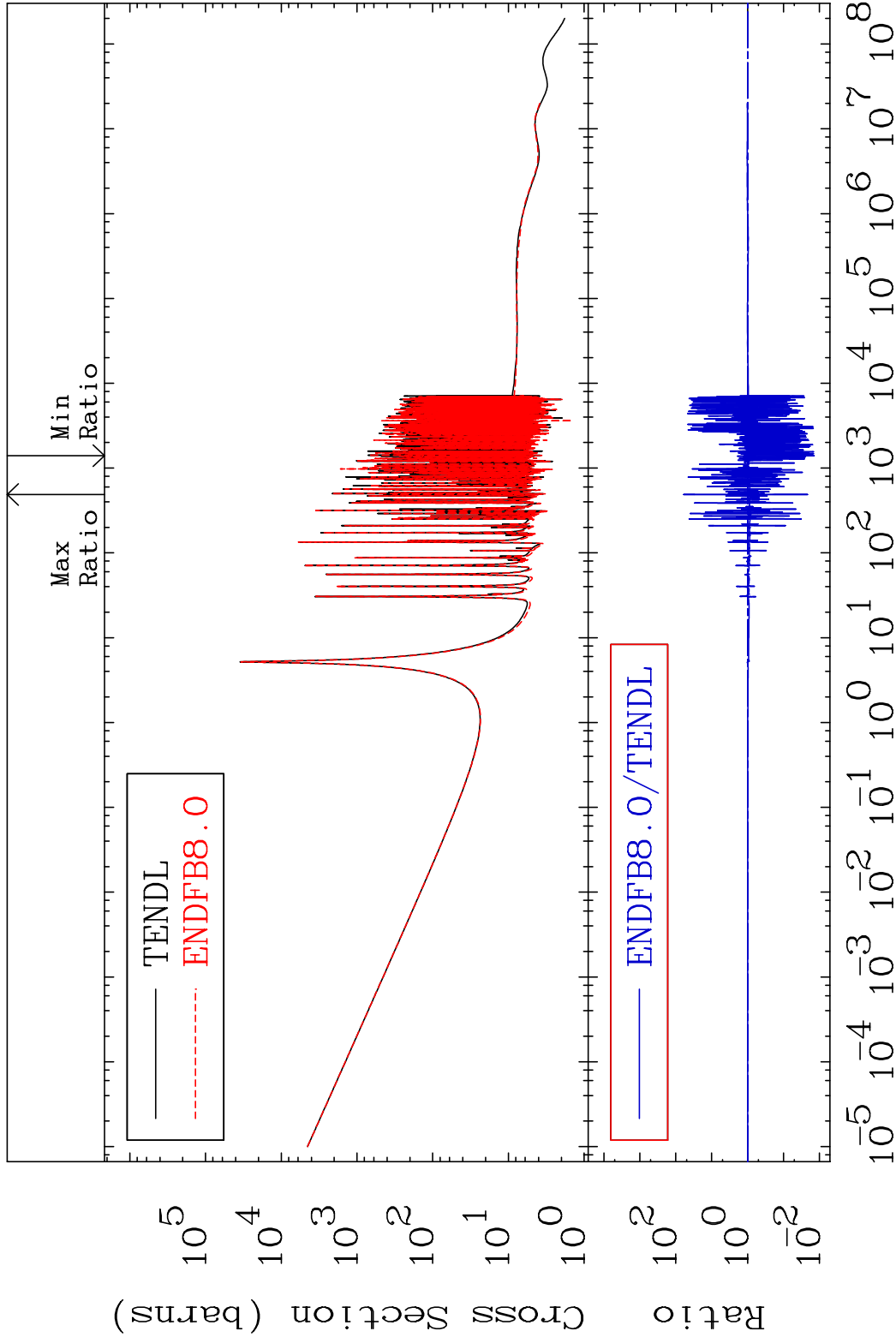
Press Mouse Button to Start

MAT 4731

Total

47-Ag-109

Cross Section -98.59 To 5921. %



1

Incident Energy (eV)

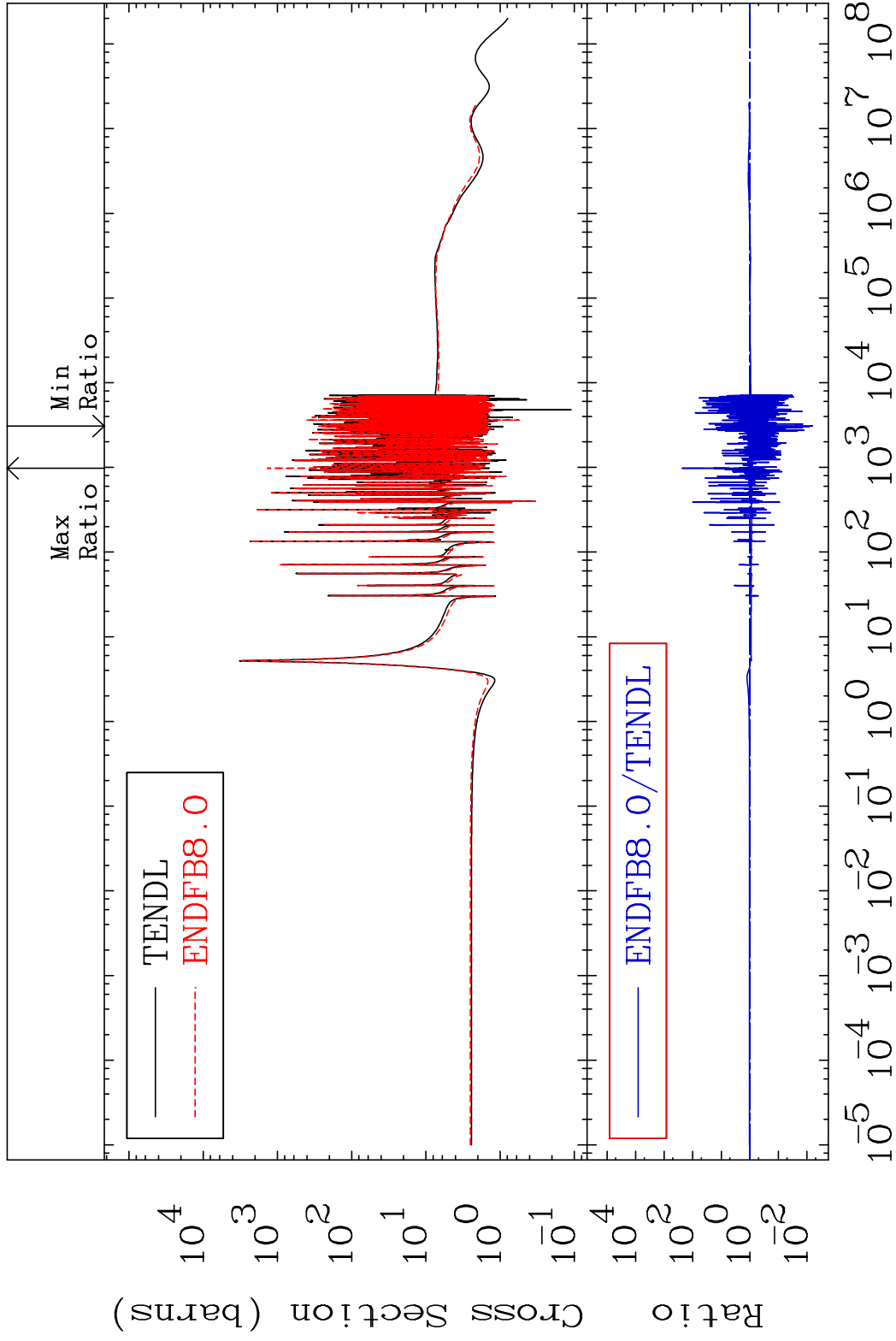
47-Ag-109

MAT 4731

Elastic

47-Ag-109

Cross Section -99.36 To 9999. %

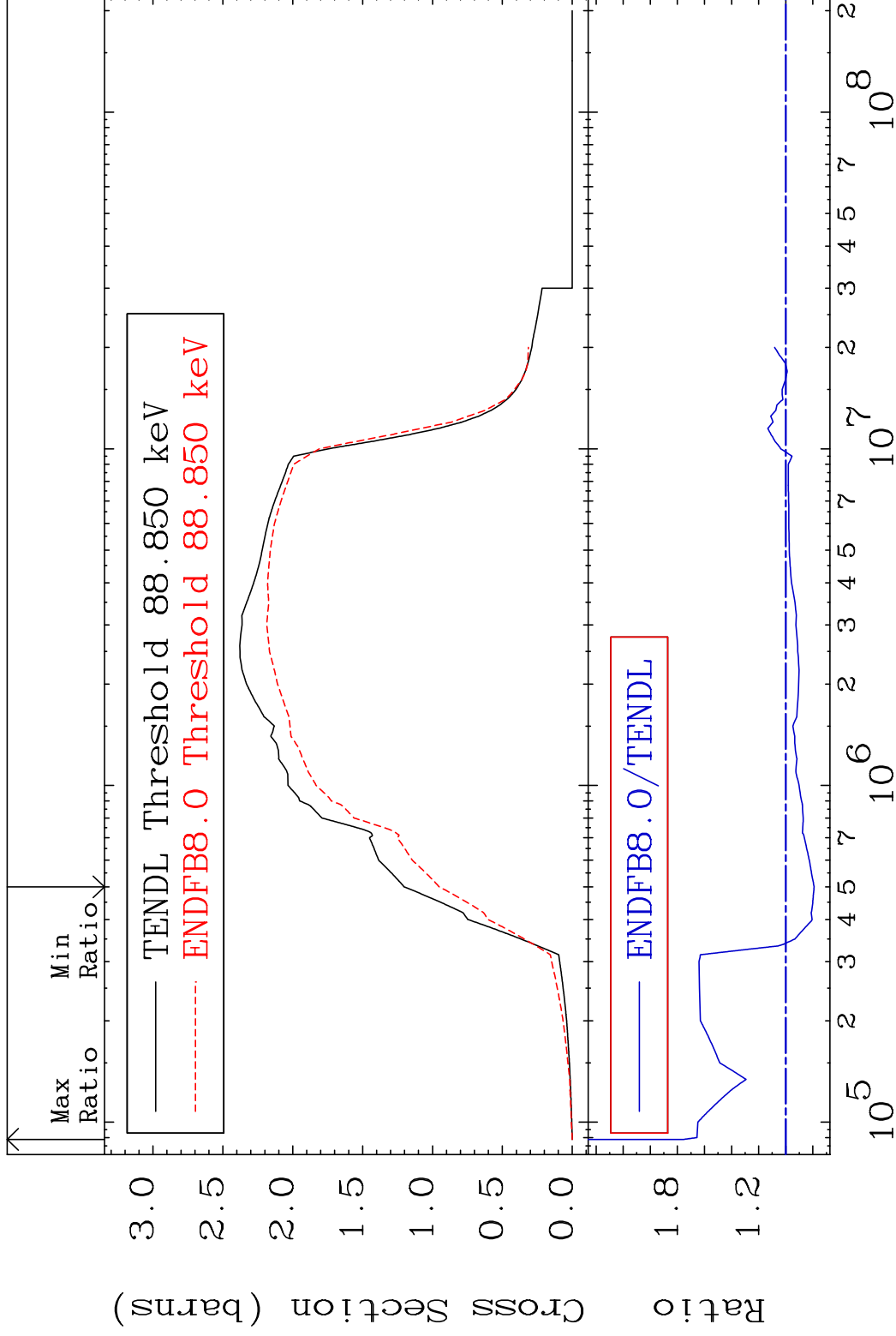


MAT 4731

Inelastic

47-Ag-109

Cross Section -20.92 To 75.36 %



3

Incident Energy (eV)

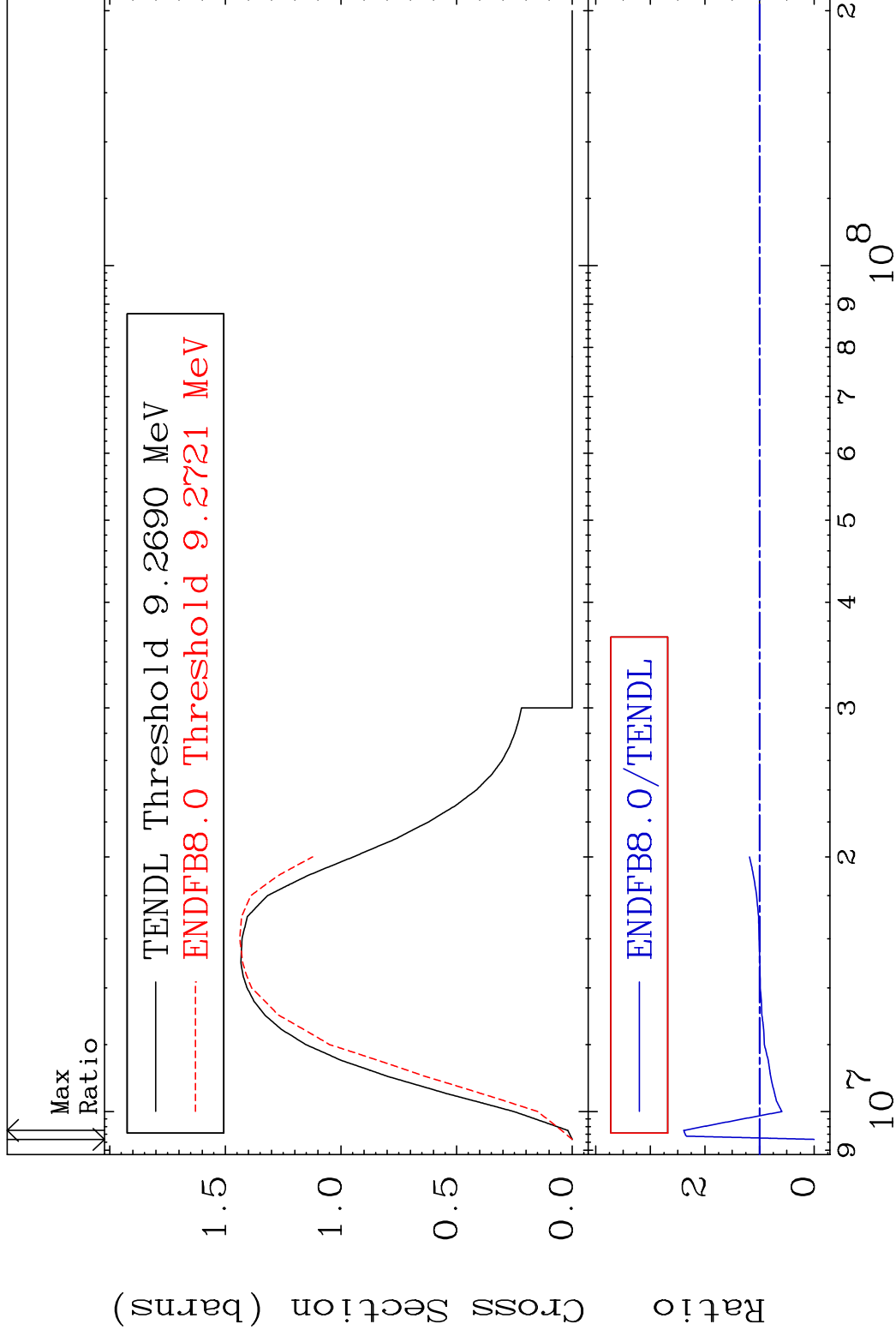
47-Ag-109

MAT 4731

(n,2n)

47-Ag-109

Cross Section -100.0 To 139.0 %



4

Incident Energy (eV)

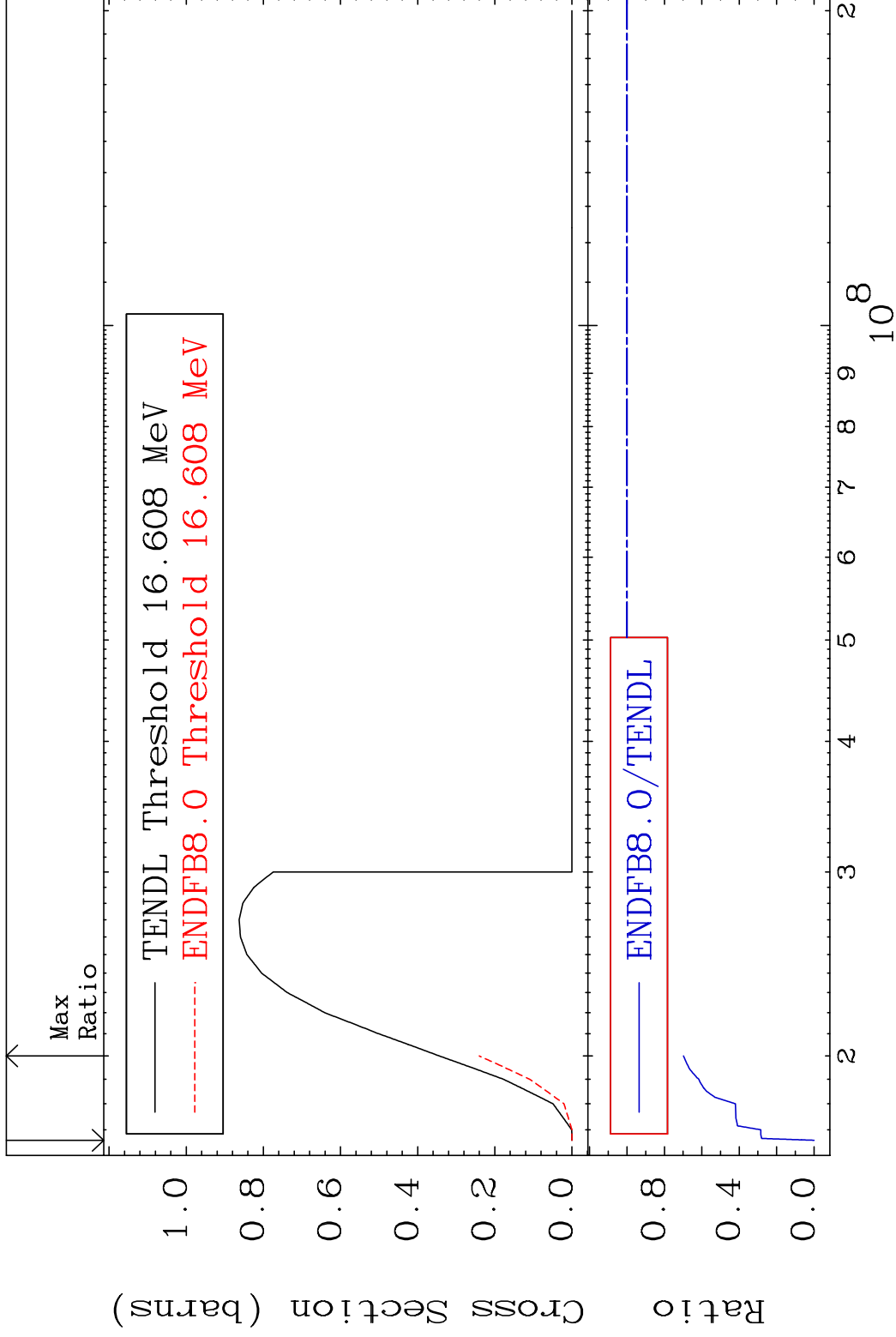
47-Ag-109

MAT 4731

(n,3n)

47-Ag-109

Cross Section -100.0 To -30.18%



5

Incident Energy (eV)

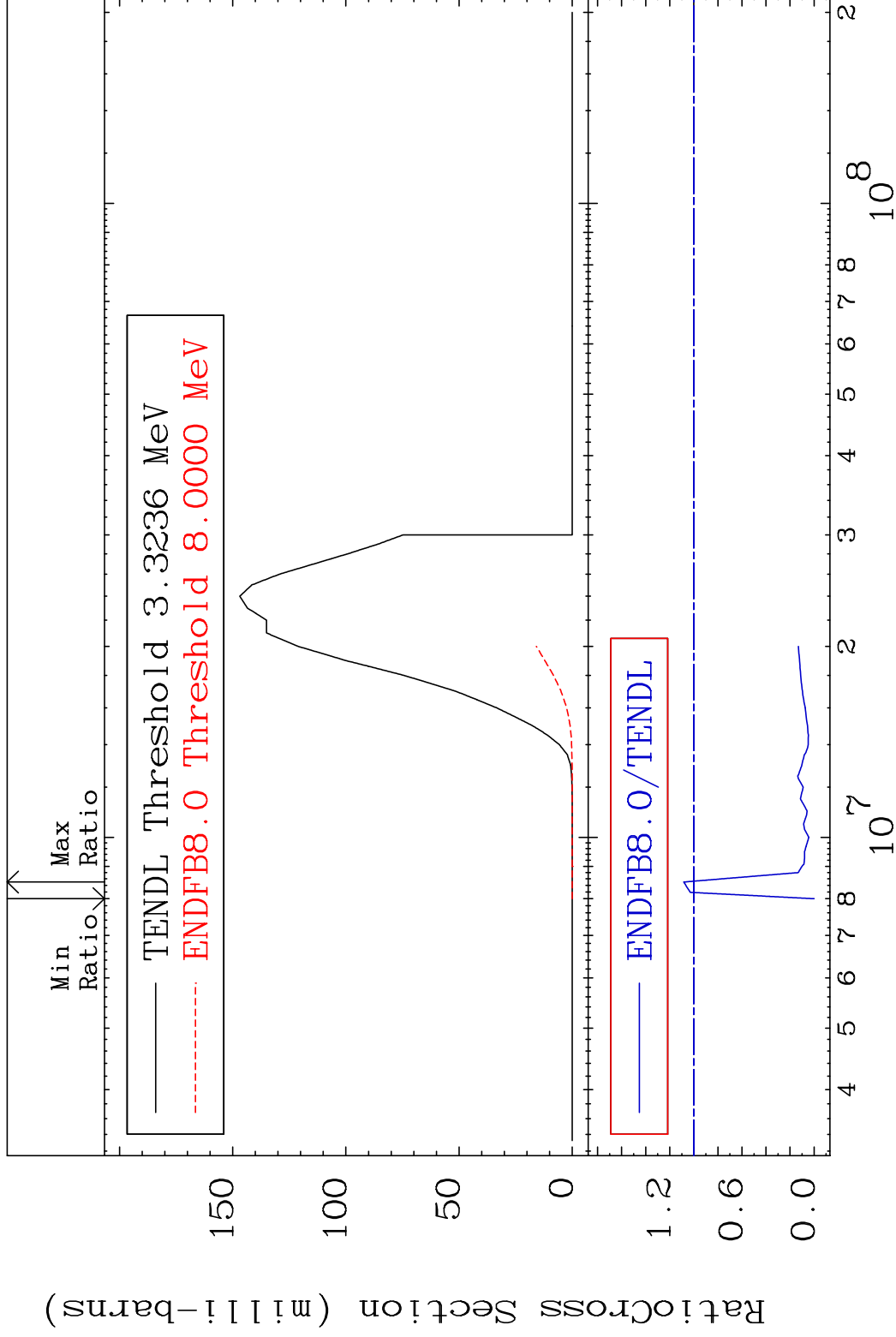
47-Ag-109

MAT 4731

(n, n') α

47-Ag-109

Cross Section -100.0 To 8.454 %



6

Incident Energy (eV)

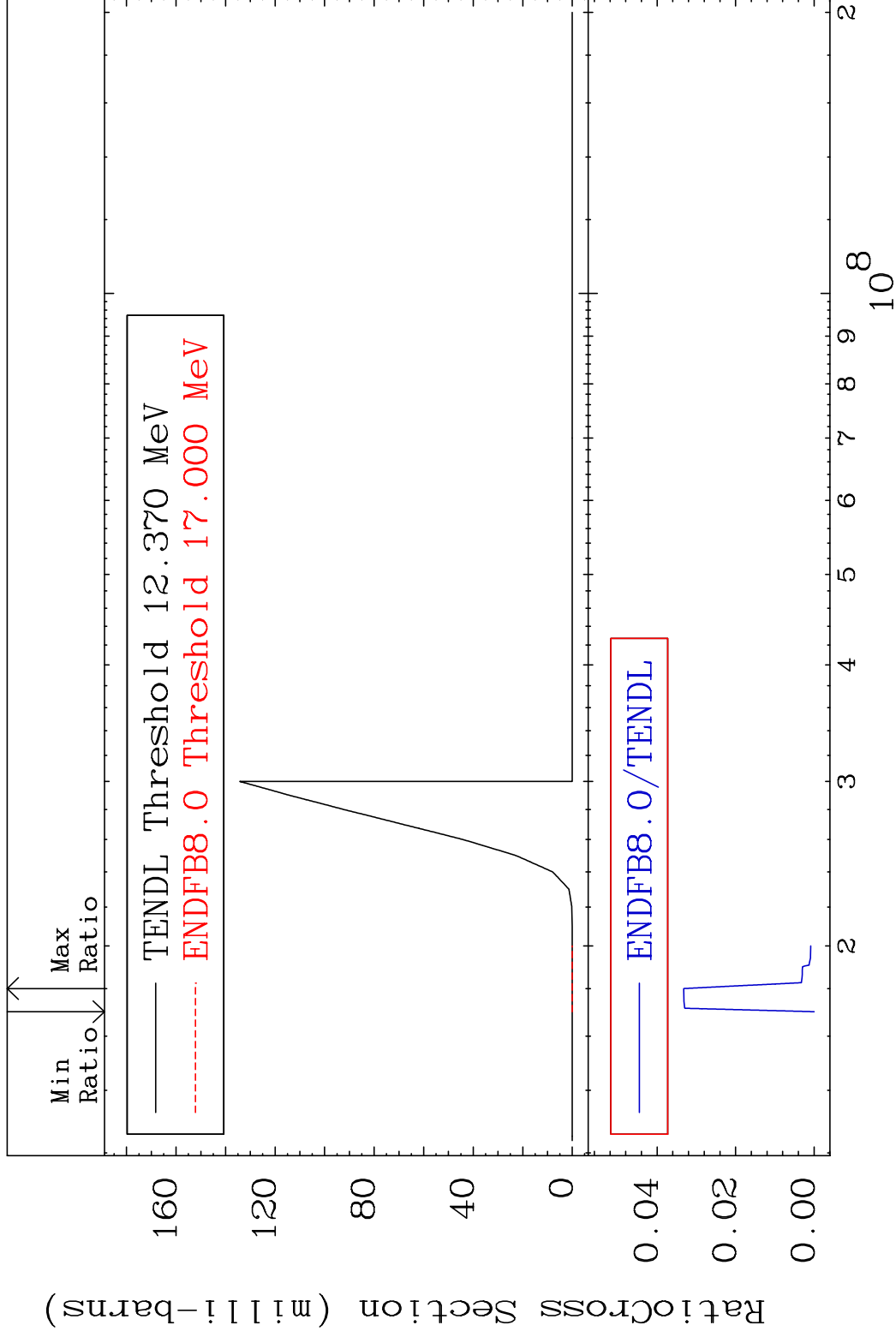
47-Ag-109

MAT 4731

(n,2n) α

47-Ag-109

Cross Section -100.0 To -96.68%

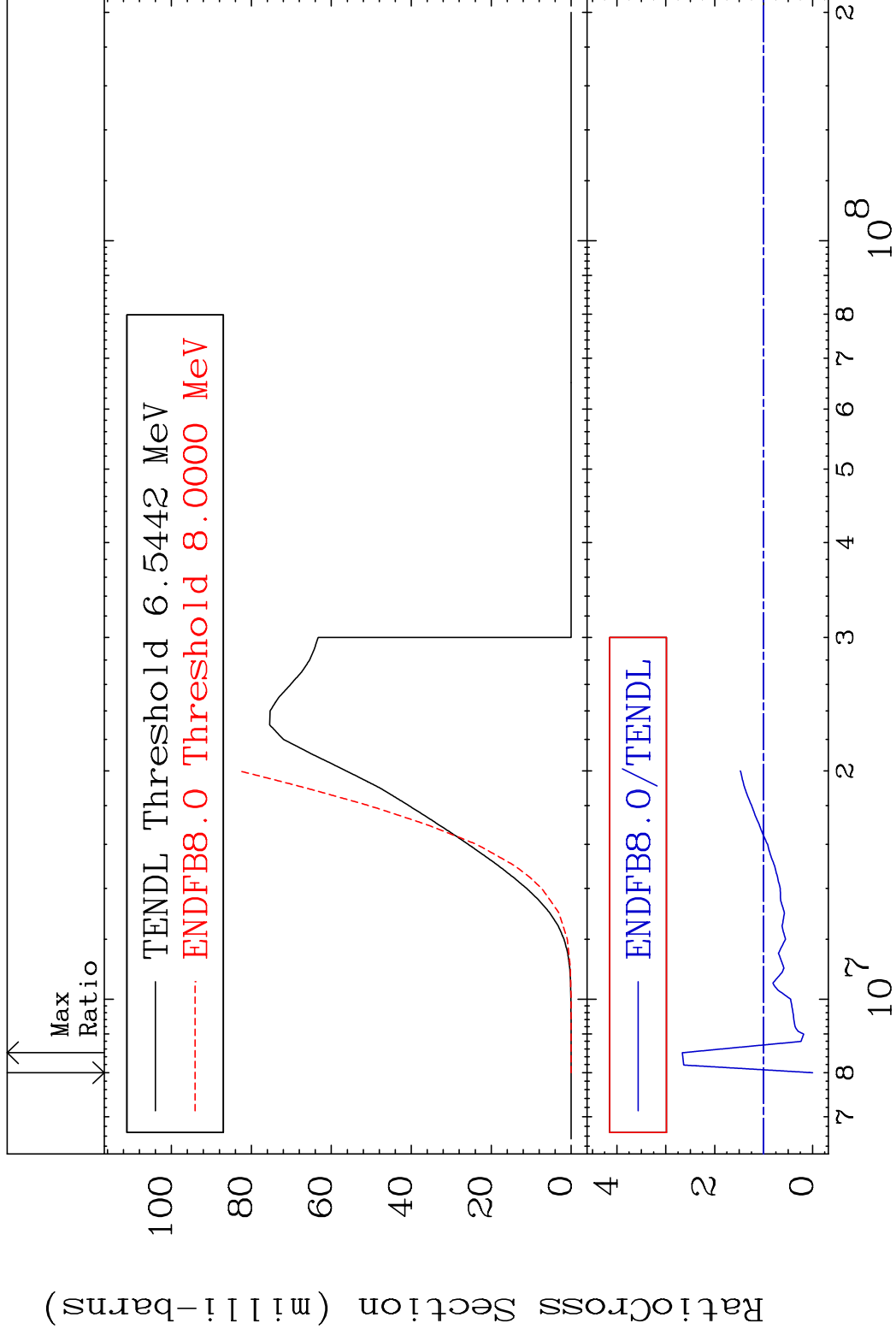


MAT 4731

(n, n') p

47-Ag-109

Cross Section -100.0 To 166.2 %



8

Incident Energy (eV)

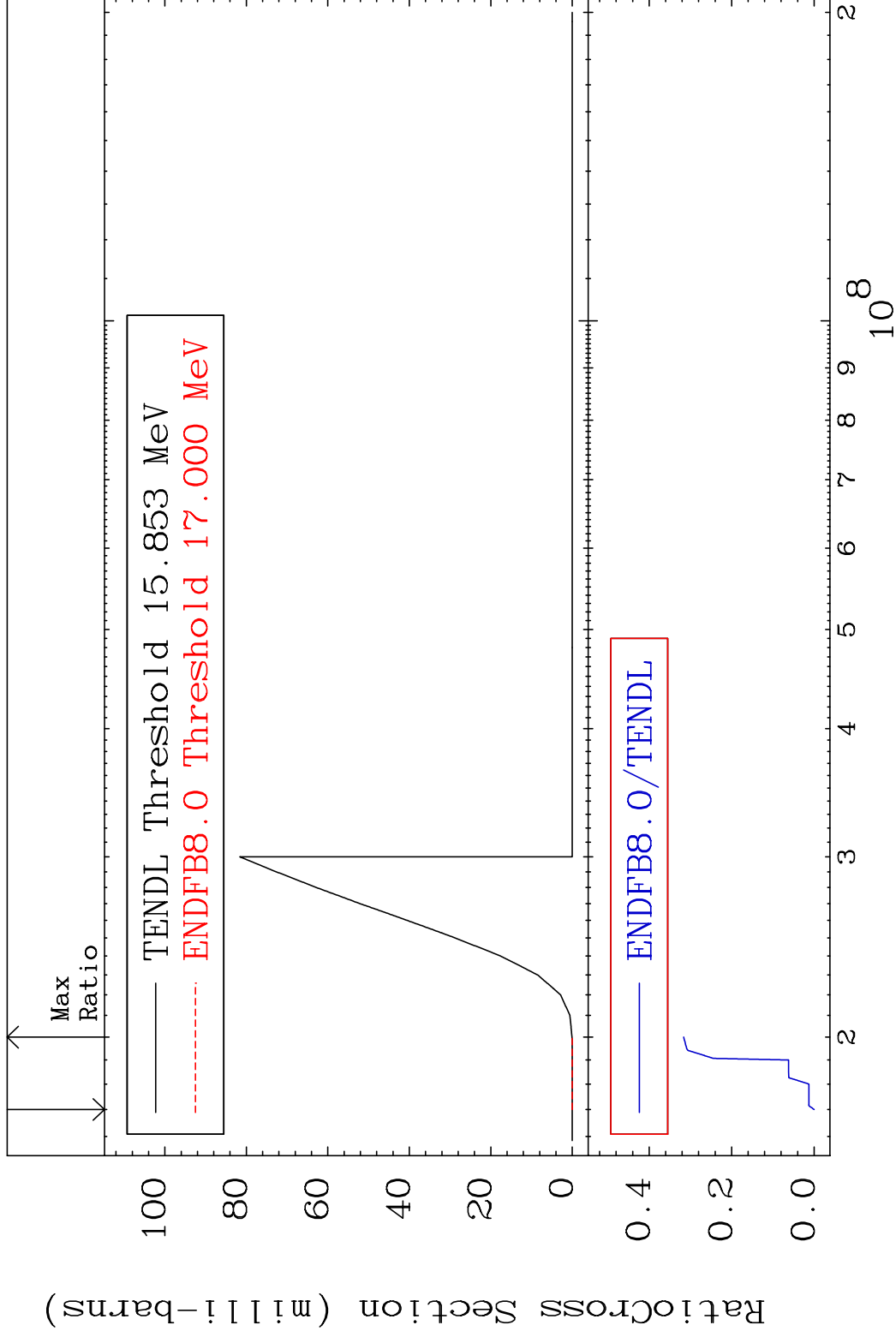
47-Ag-109

MAT 4731

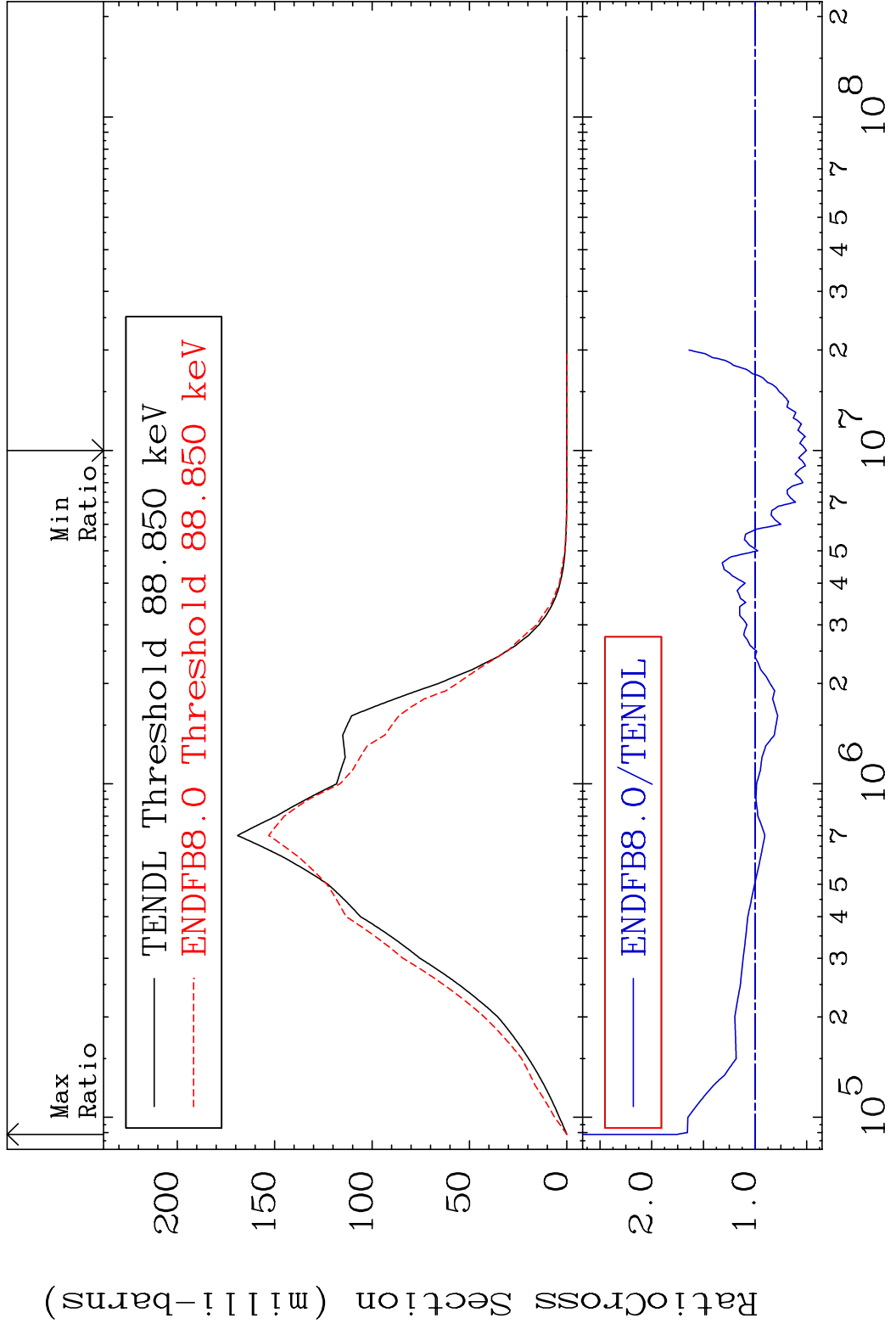
(n,2n) p

47-Ag-109

Cross Section -100.0 To -68.37%

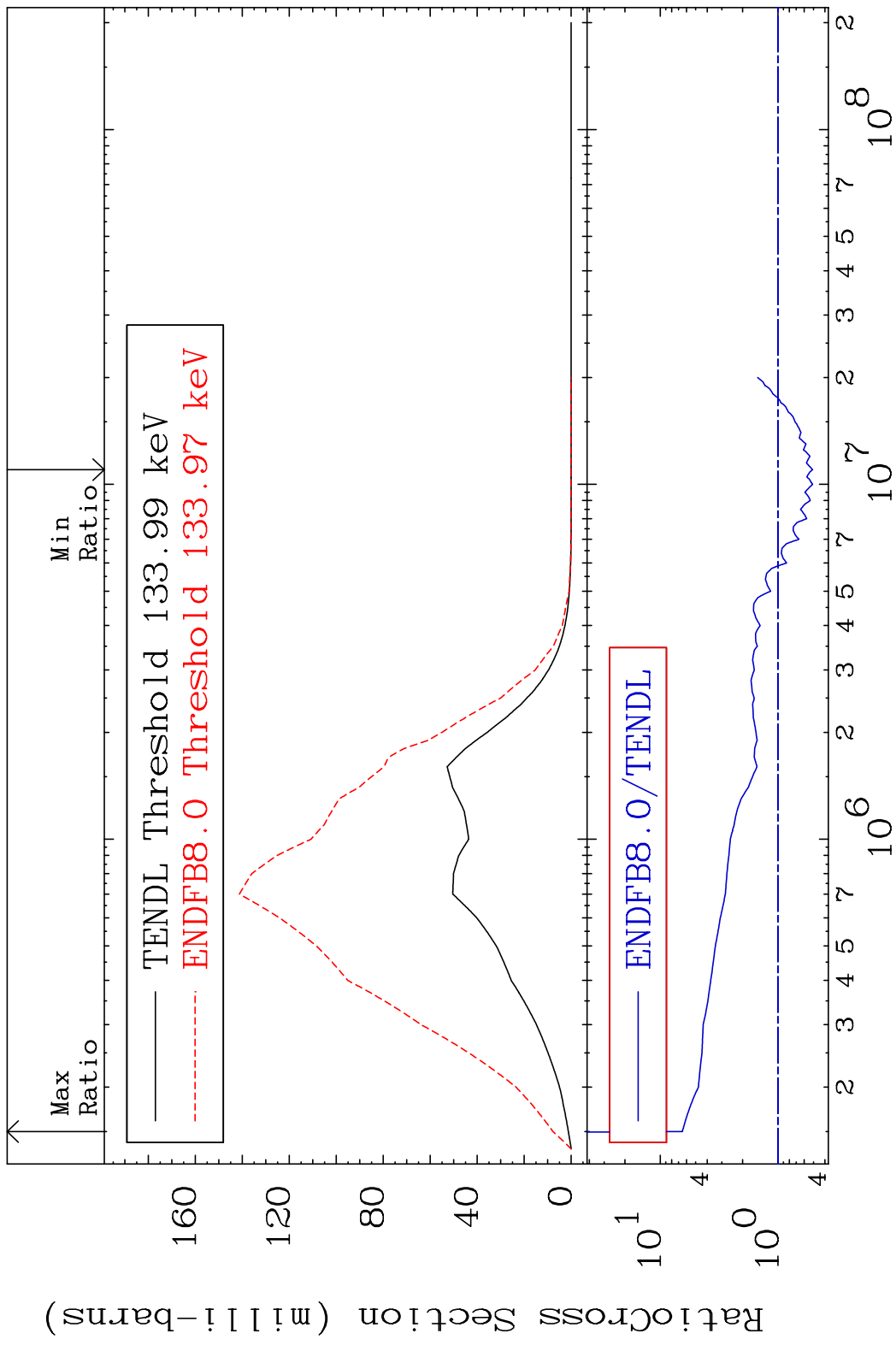


MAT 4731 MT= 51 (n, n') Level 47-Ag-109
 Cross Section -49.78 To 75.36 %

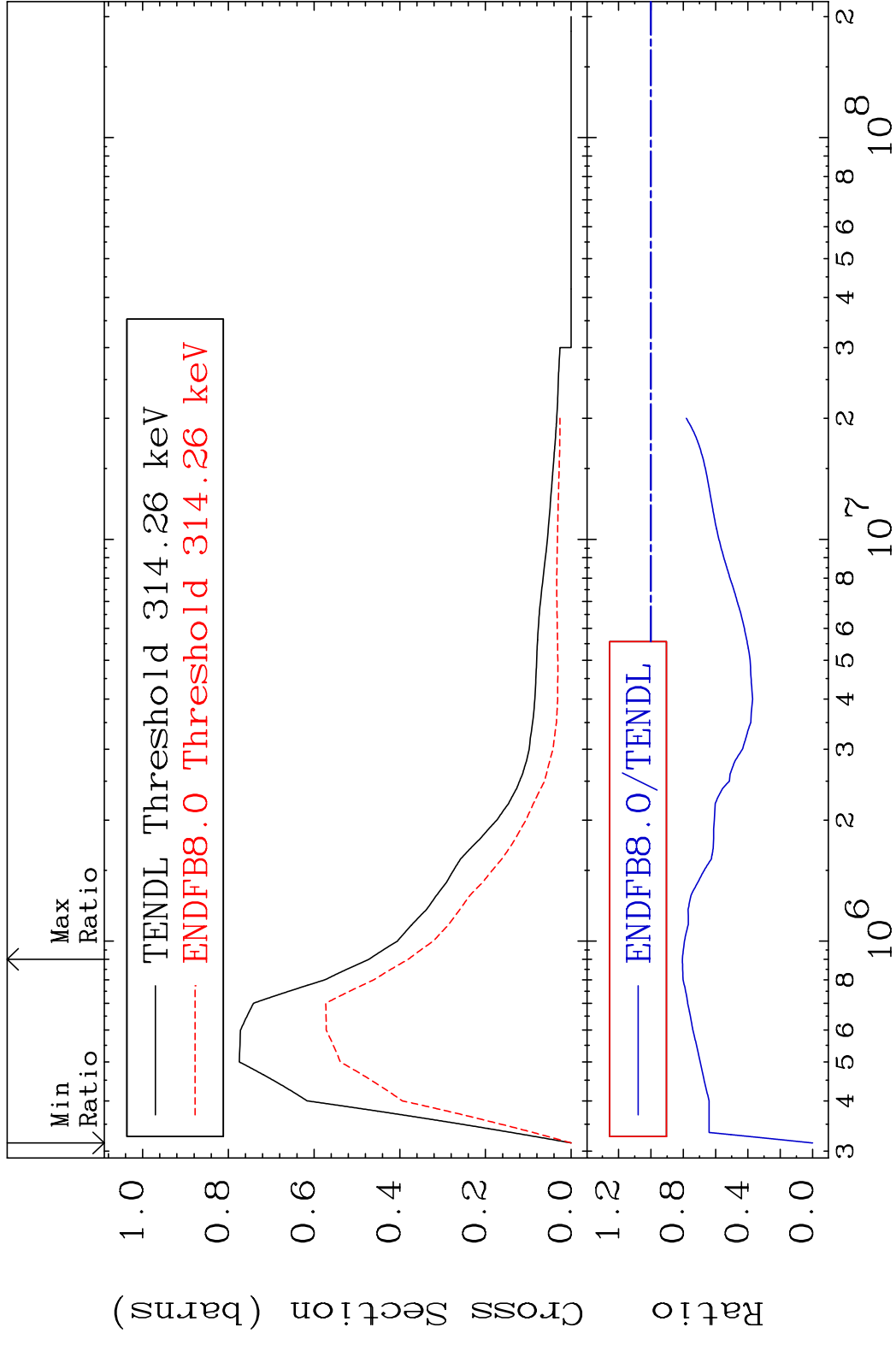


10 2 3 4 5 6 7 8 2 3 4 5 7 8 2 47-Ag-109

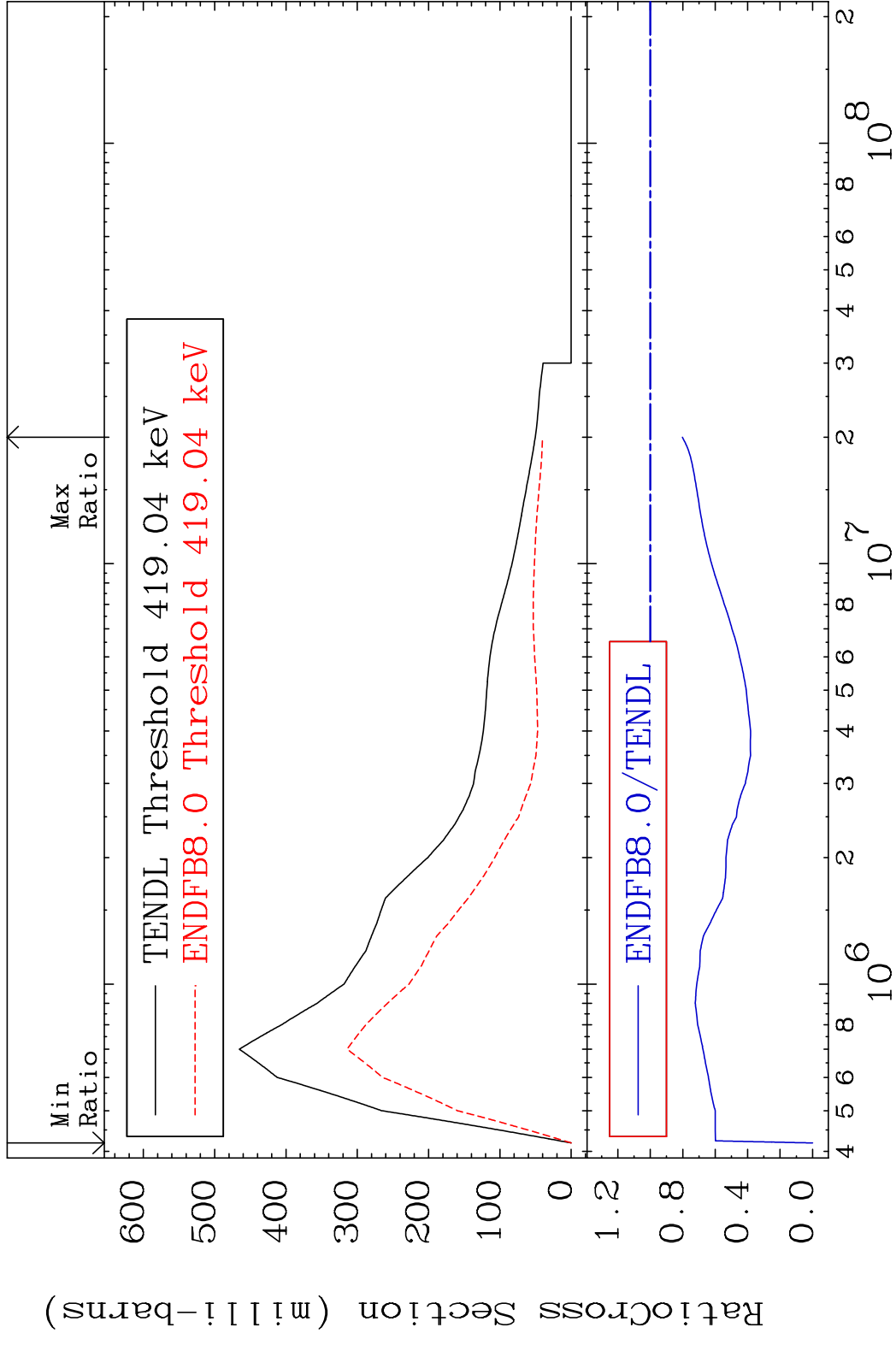
MAT 4731 MT= 52 (n, n') Level 47-Ag-109
 Cross Section -49.11 To 549.5 %



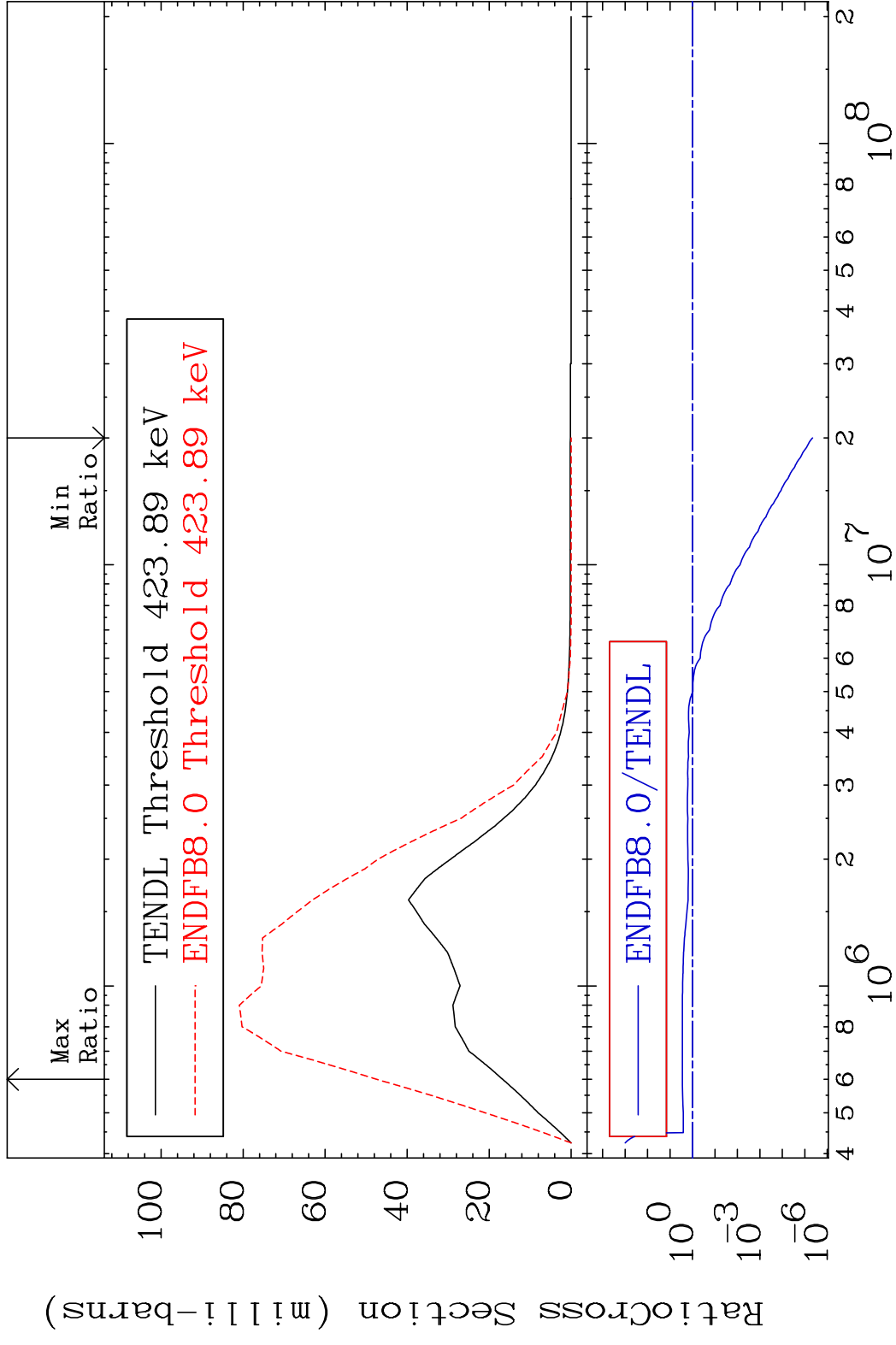
MAT 4731 MT= 53 (n,n') Level 47-Ag-109
 Cross Section -100.0 To -19.45%



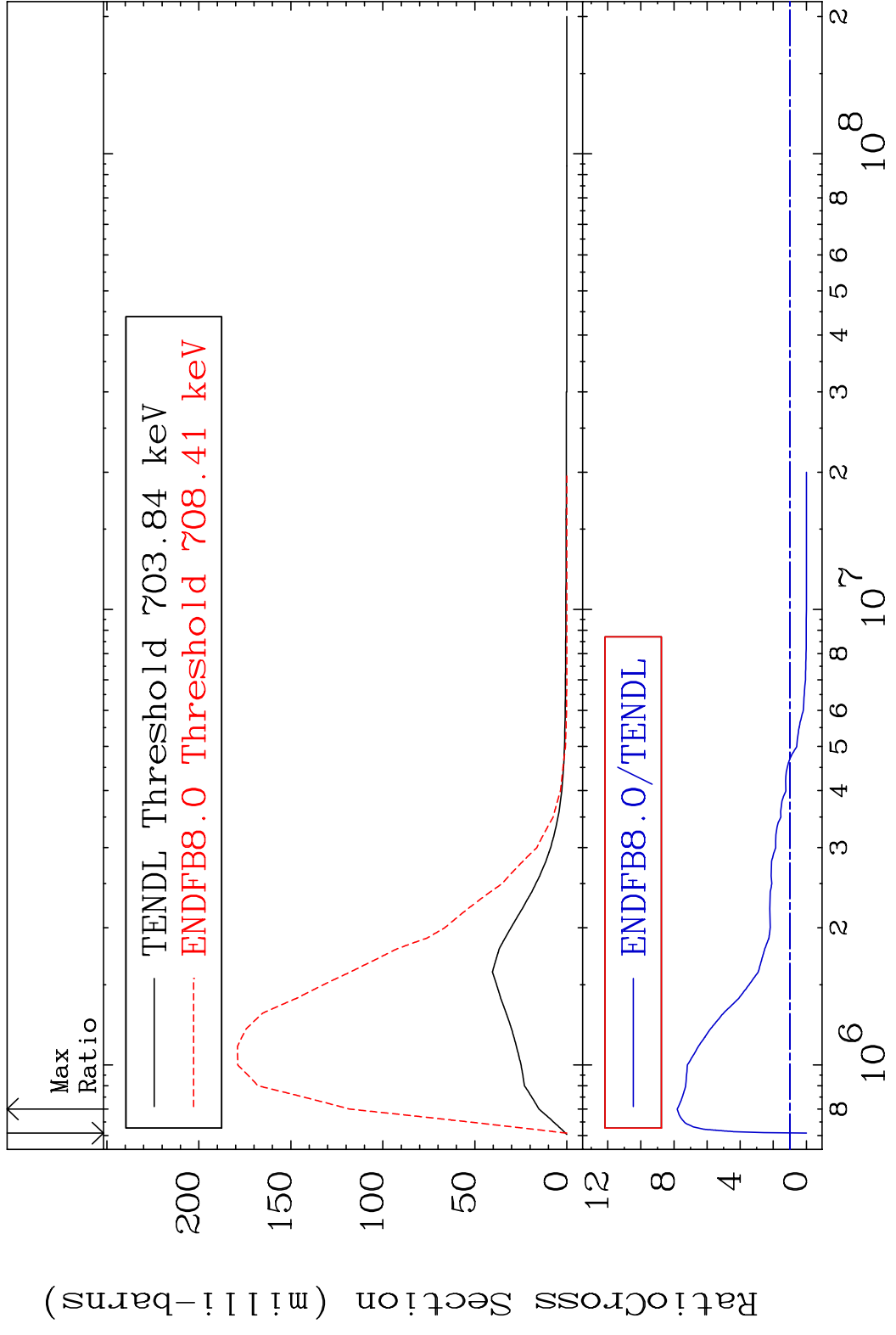
MAT 4731 MT= 54 (n, n') Level 47-Ag-109
 Cross Section -100.0 To -19.75%



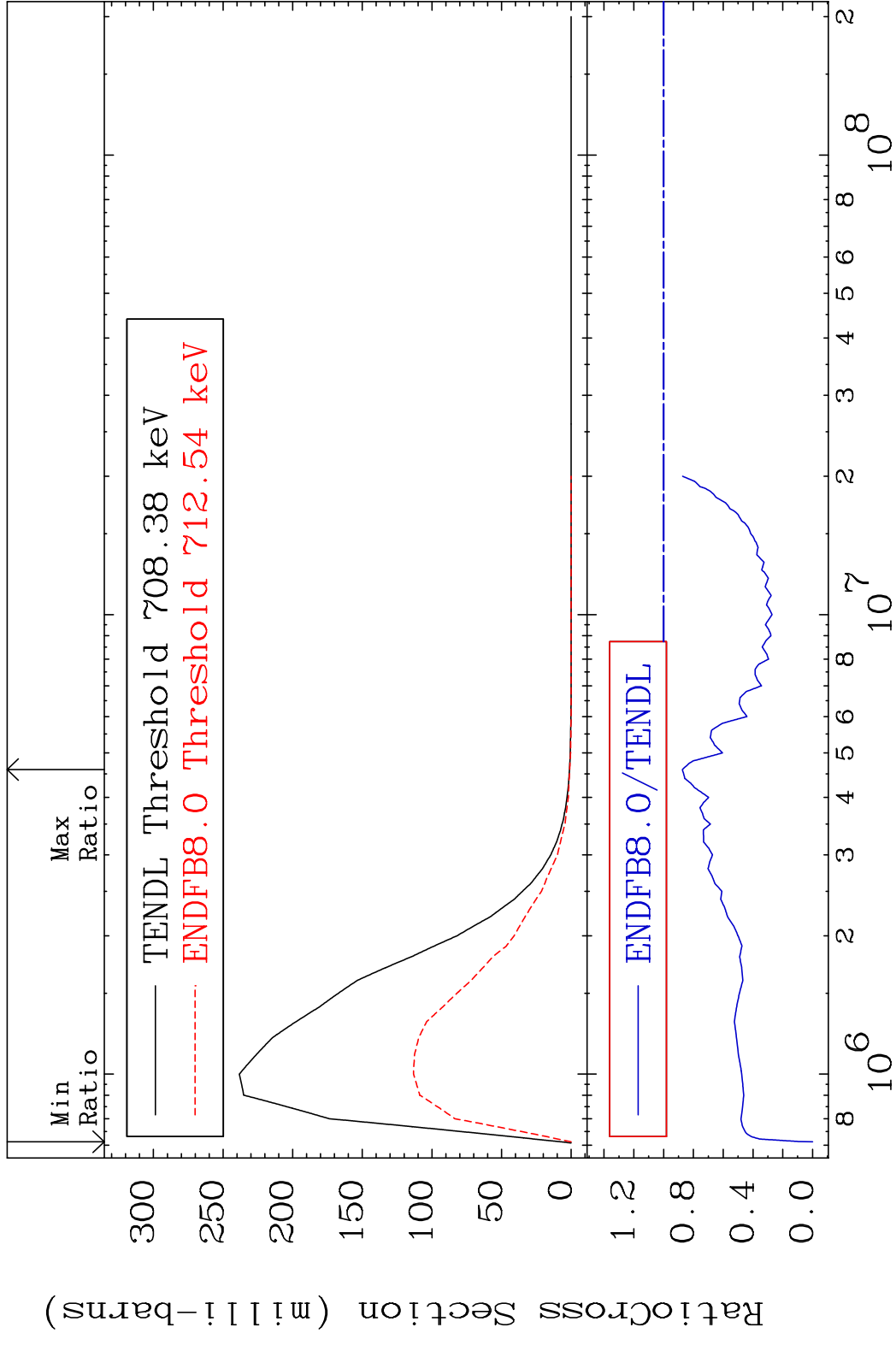
MAT 4731 MT= 55 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 183.9 %



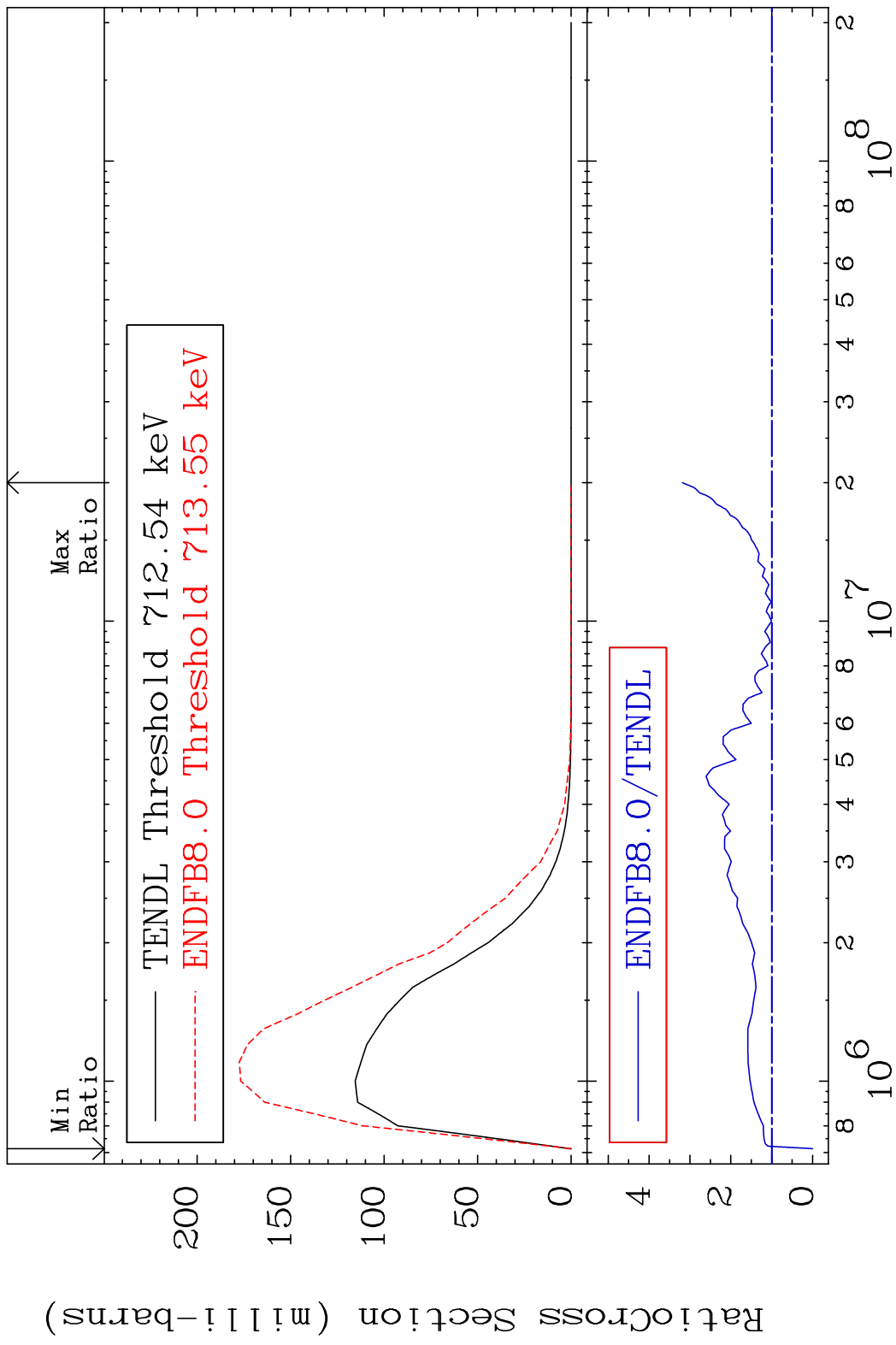
MAT 4731 MT= 56 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 680.6 %



MAT 4731 MT= 57 (n, n') Level 47-Ag-109
 Cross Section -100.0 To -12.59%

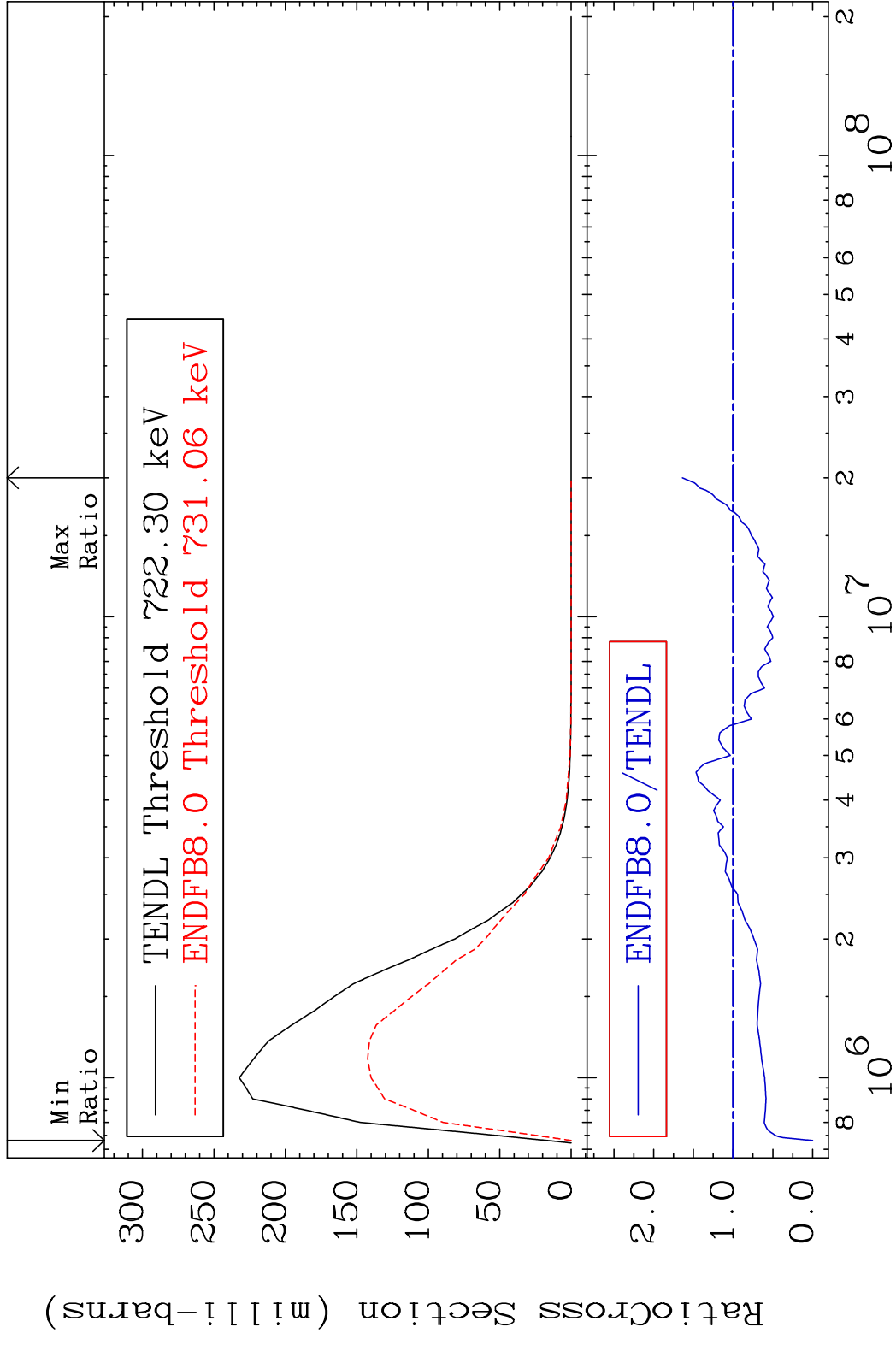


MAT 4731 MT= 58 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 218.6 %

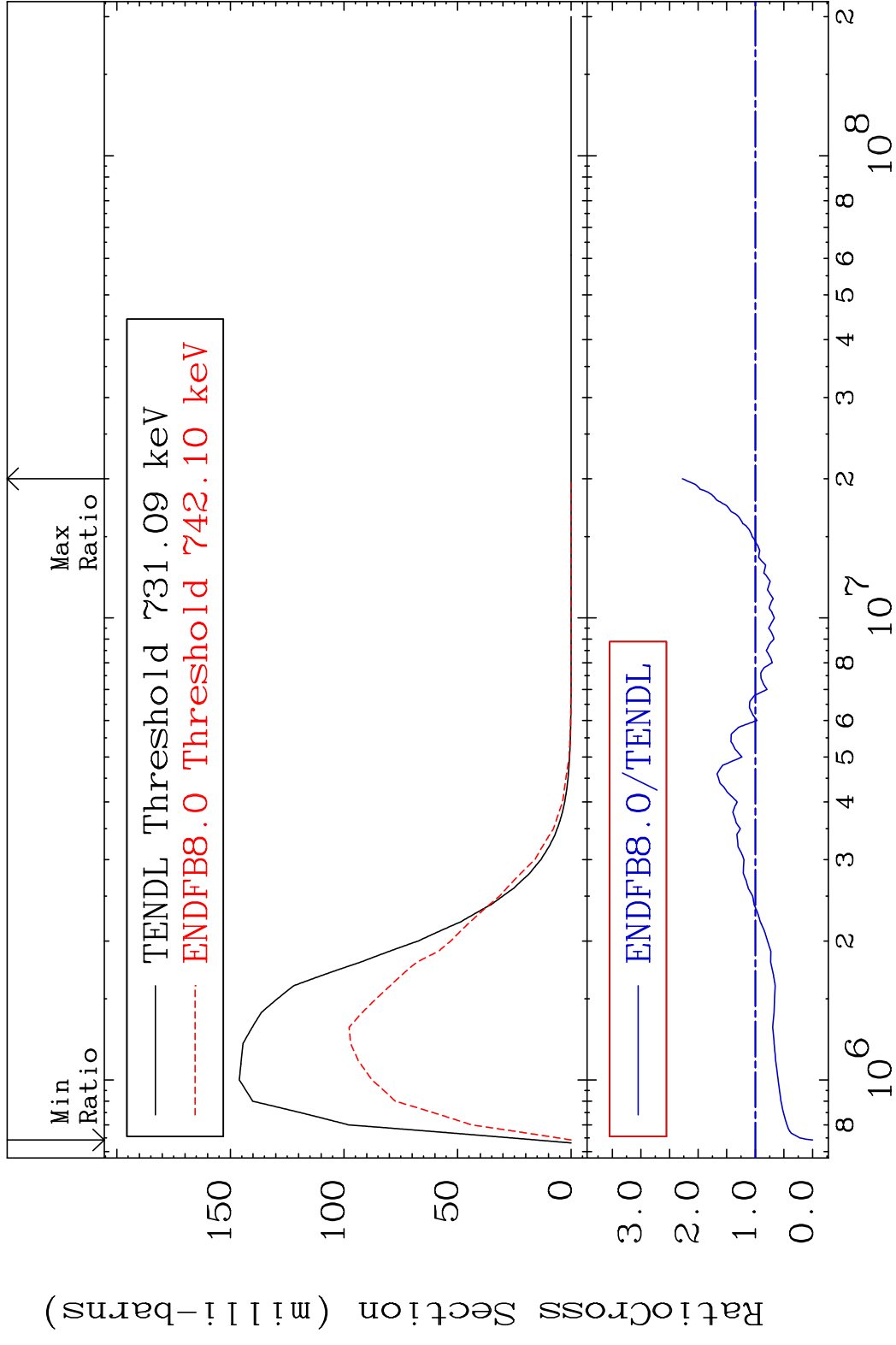


17 Incident Energy (eV) 47-Ag-109

MAT 4731 MT= 59 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 63.84 %

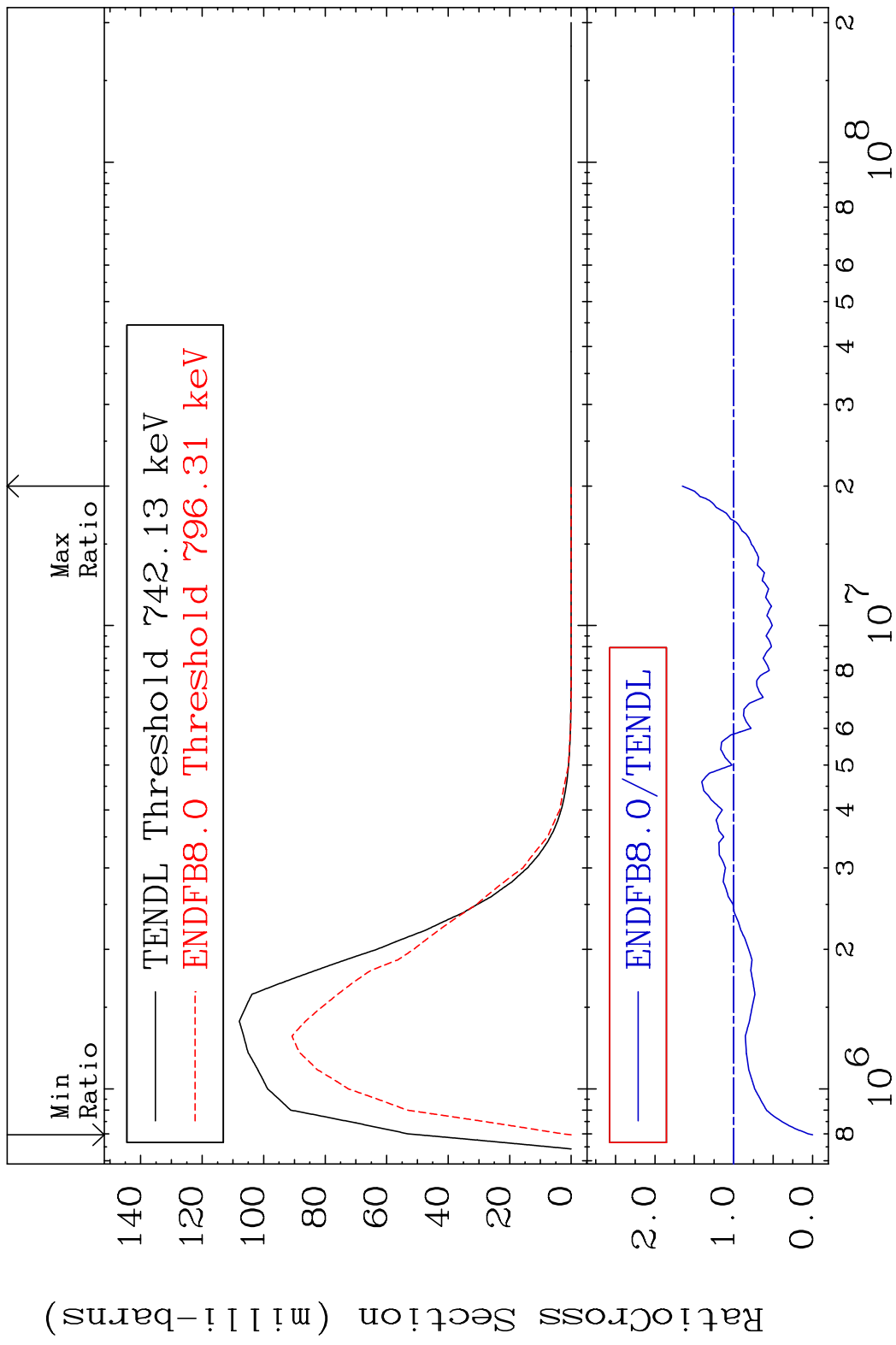


MAT 4731 MT= 60 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 127.5 %



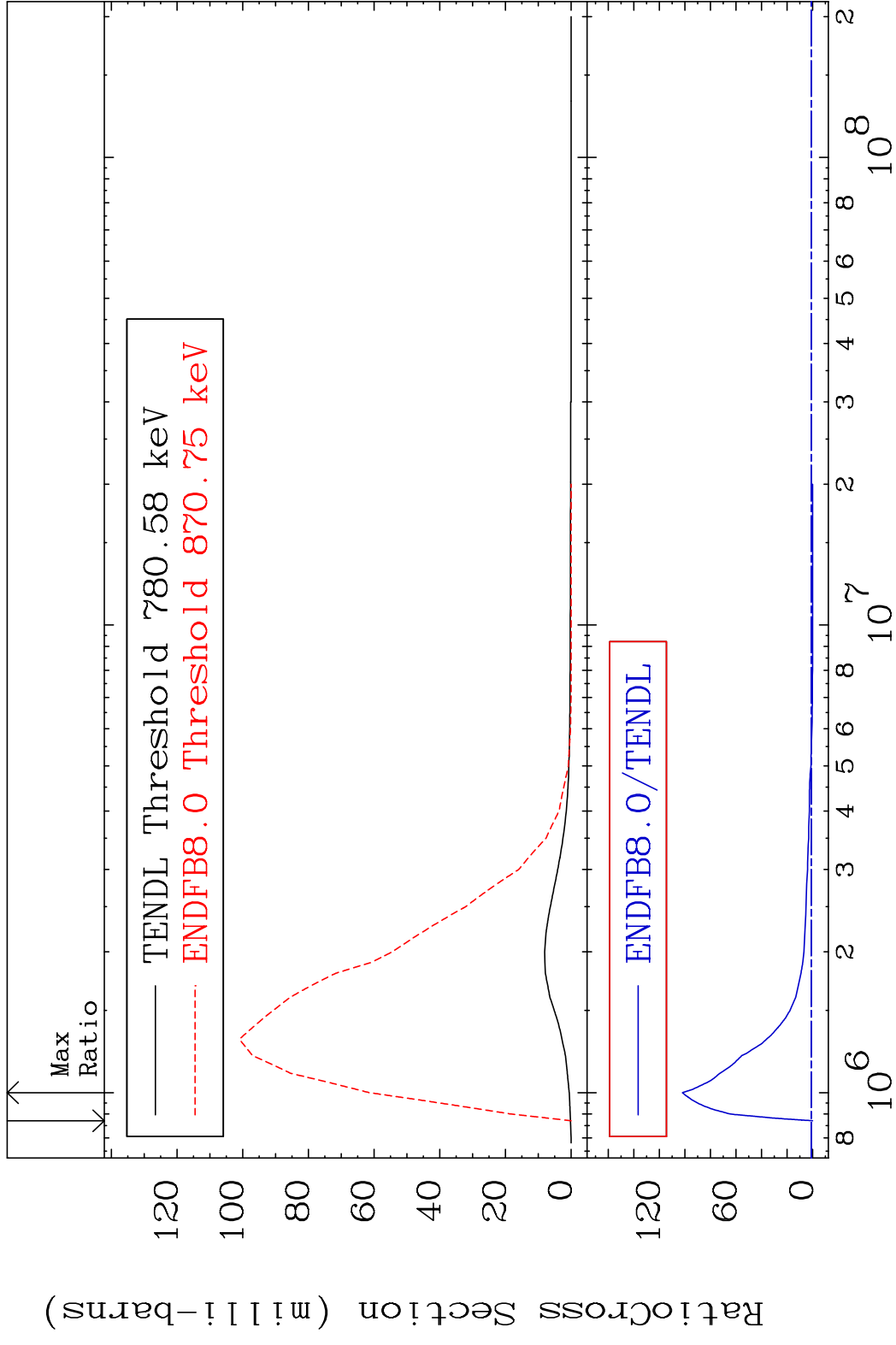
19 Incident Energy (eV) 47-Ag-109

MAT 4731 MT= 61 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 65.21 %

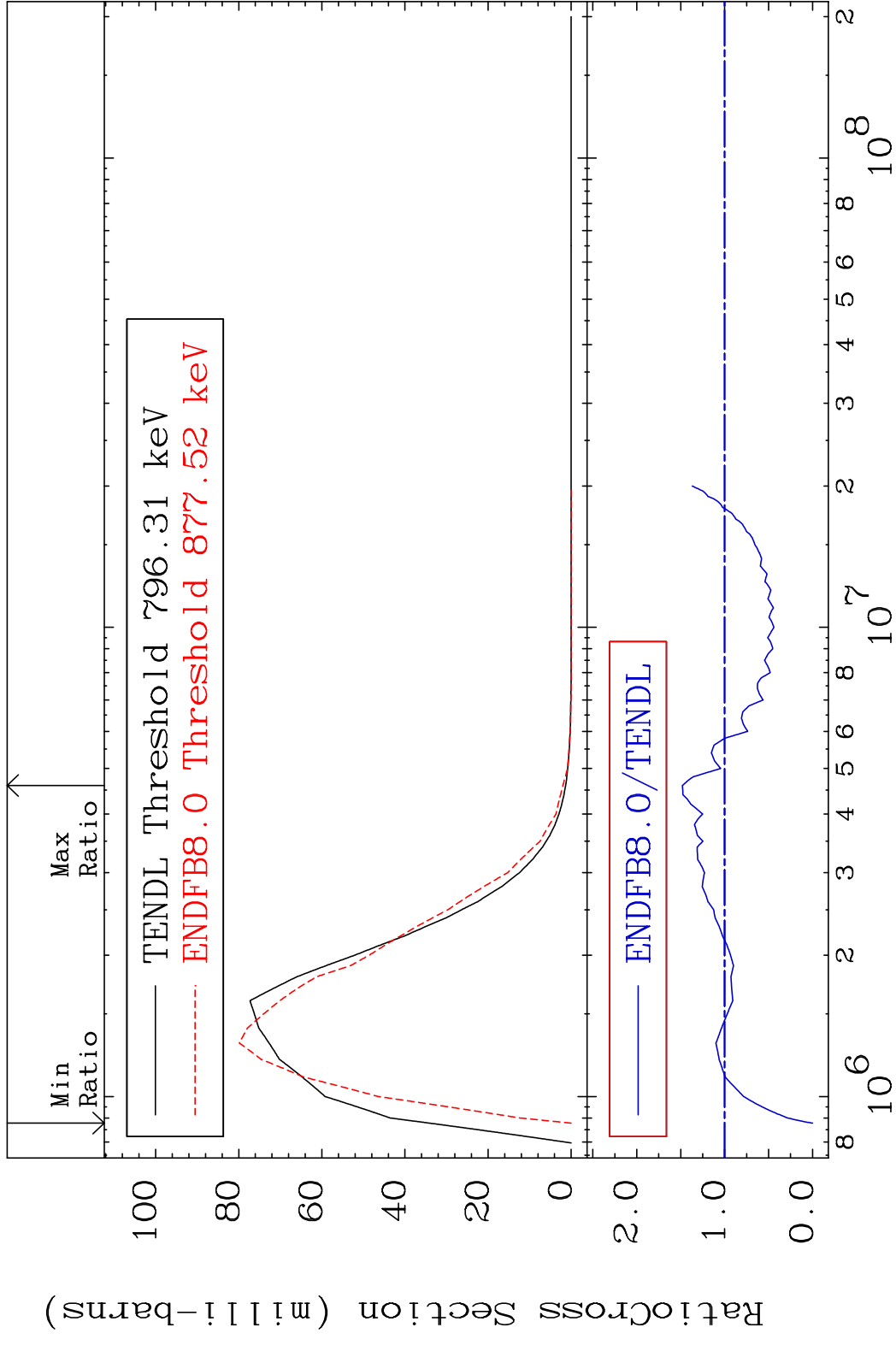


20 Incident Energy (eV) 47-Ag-109

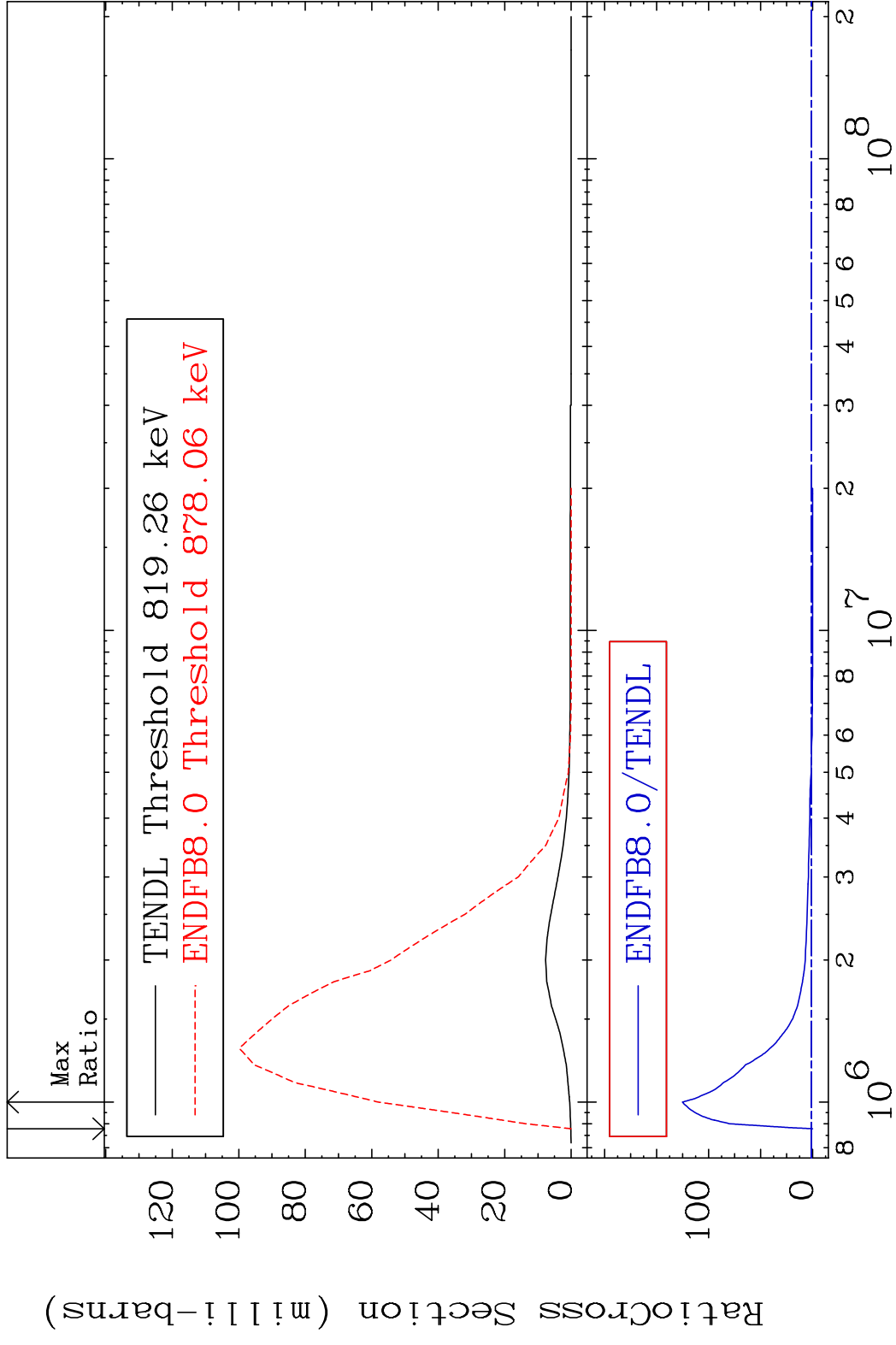
MAT 4731 MT= 62 (n,n') Level 47-Ag-109
 Cross Section -100.0 To 9999. %



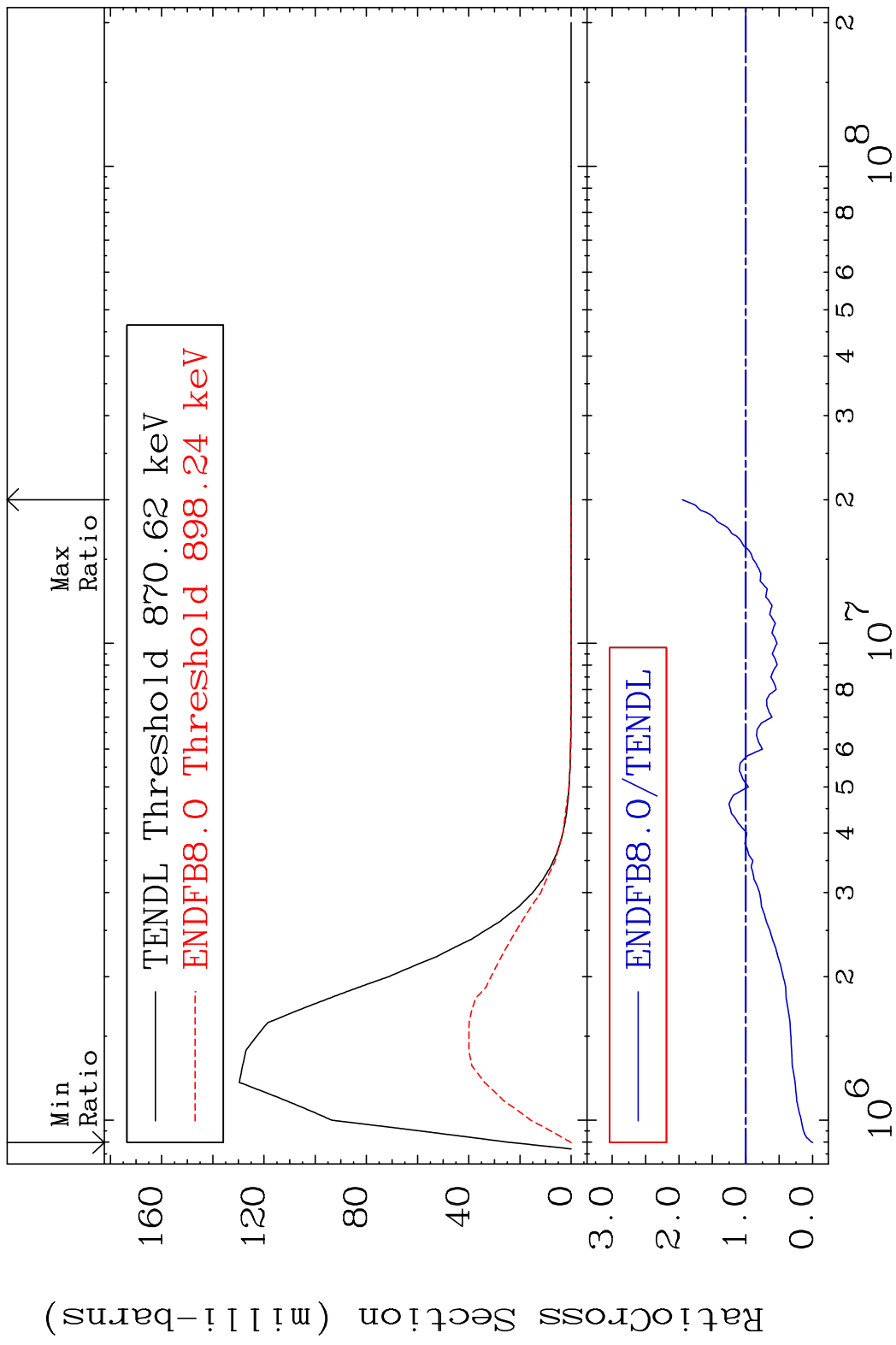
MAT 4731 MT= 63 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 48.16 %



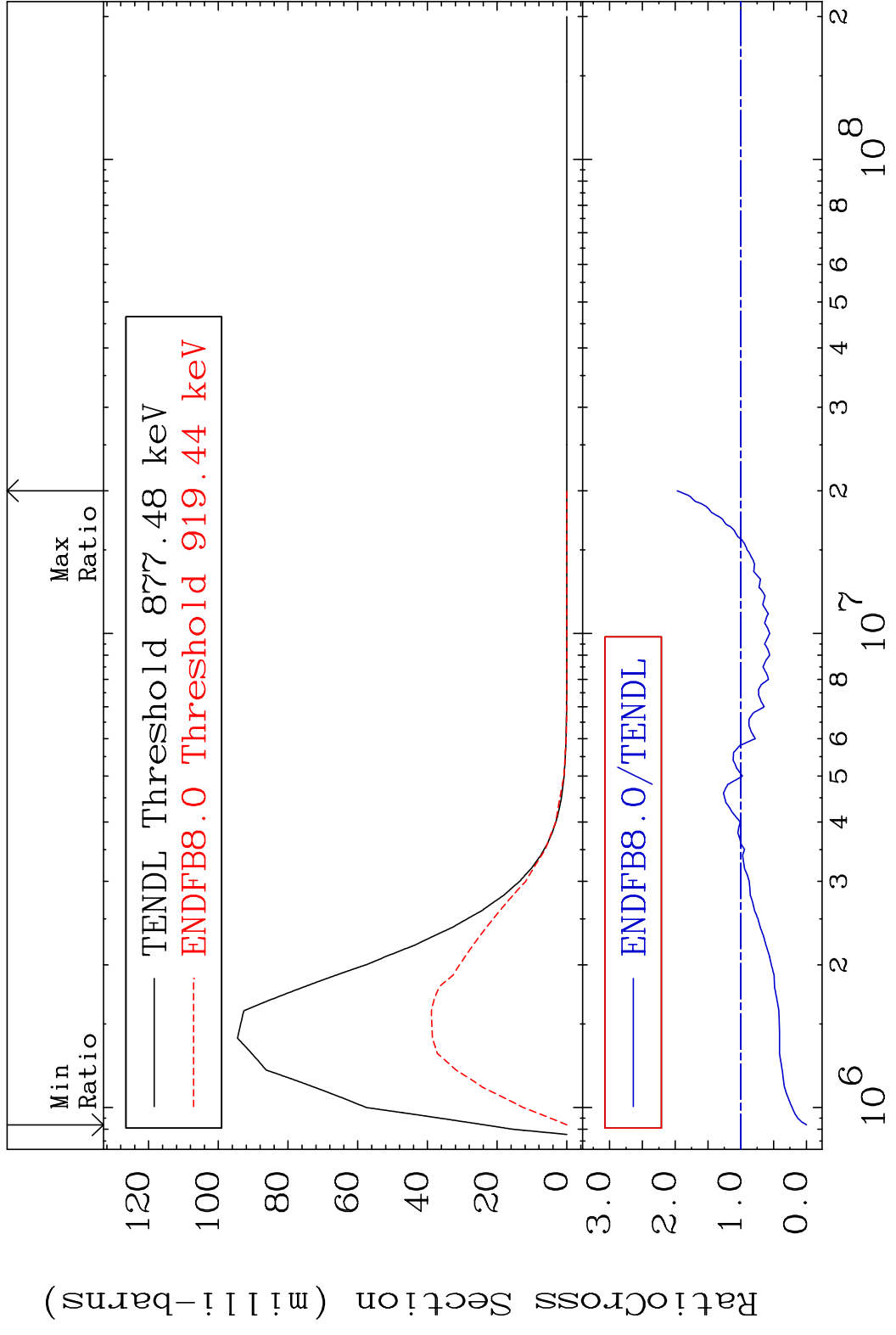
MAT 4731 MT= 64 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 9999. %



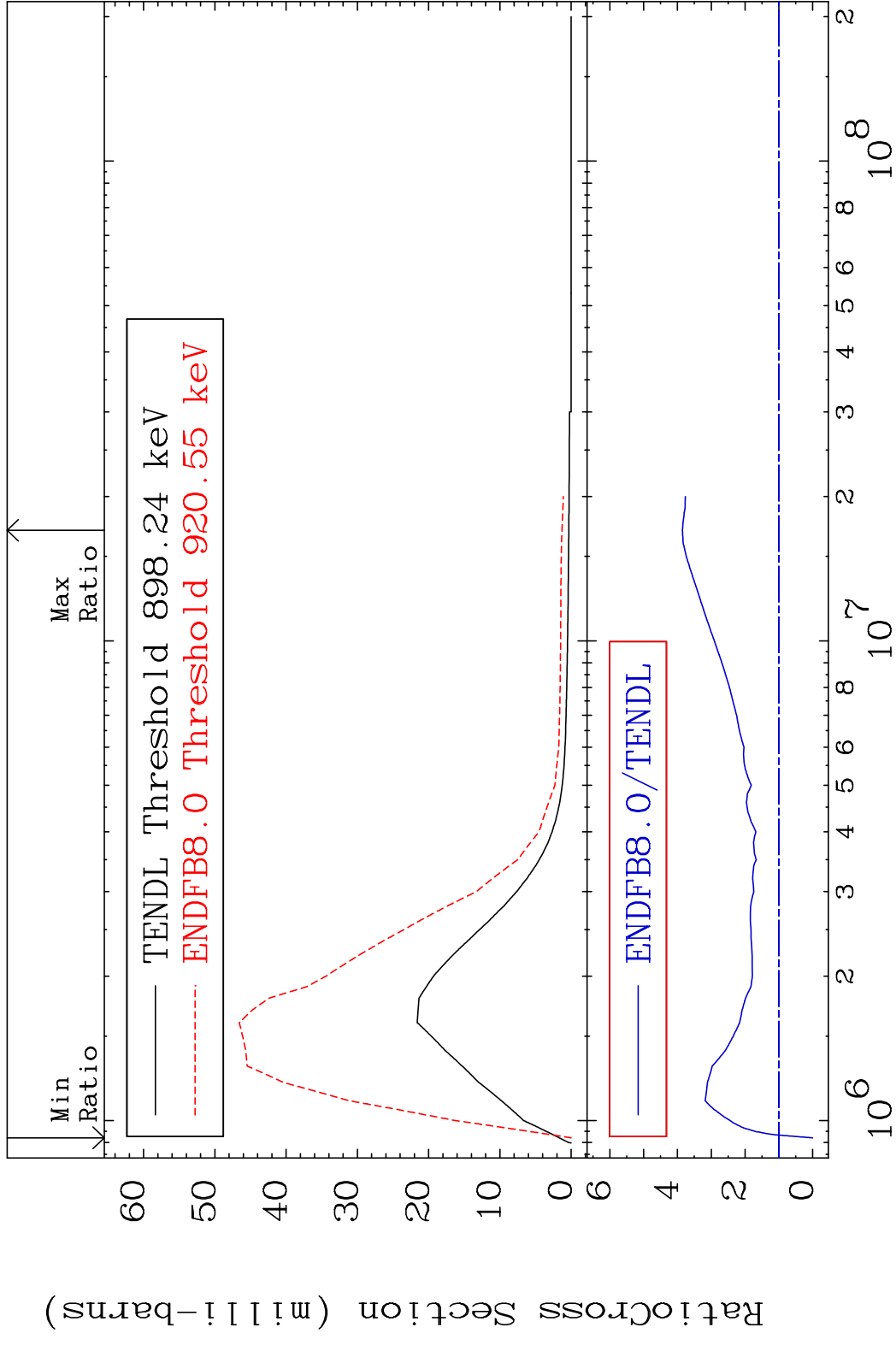
MAT 4731 MT= 65 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 94.94 %



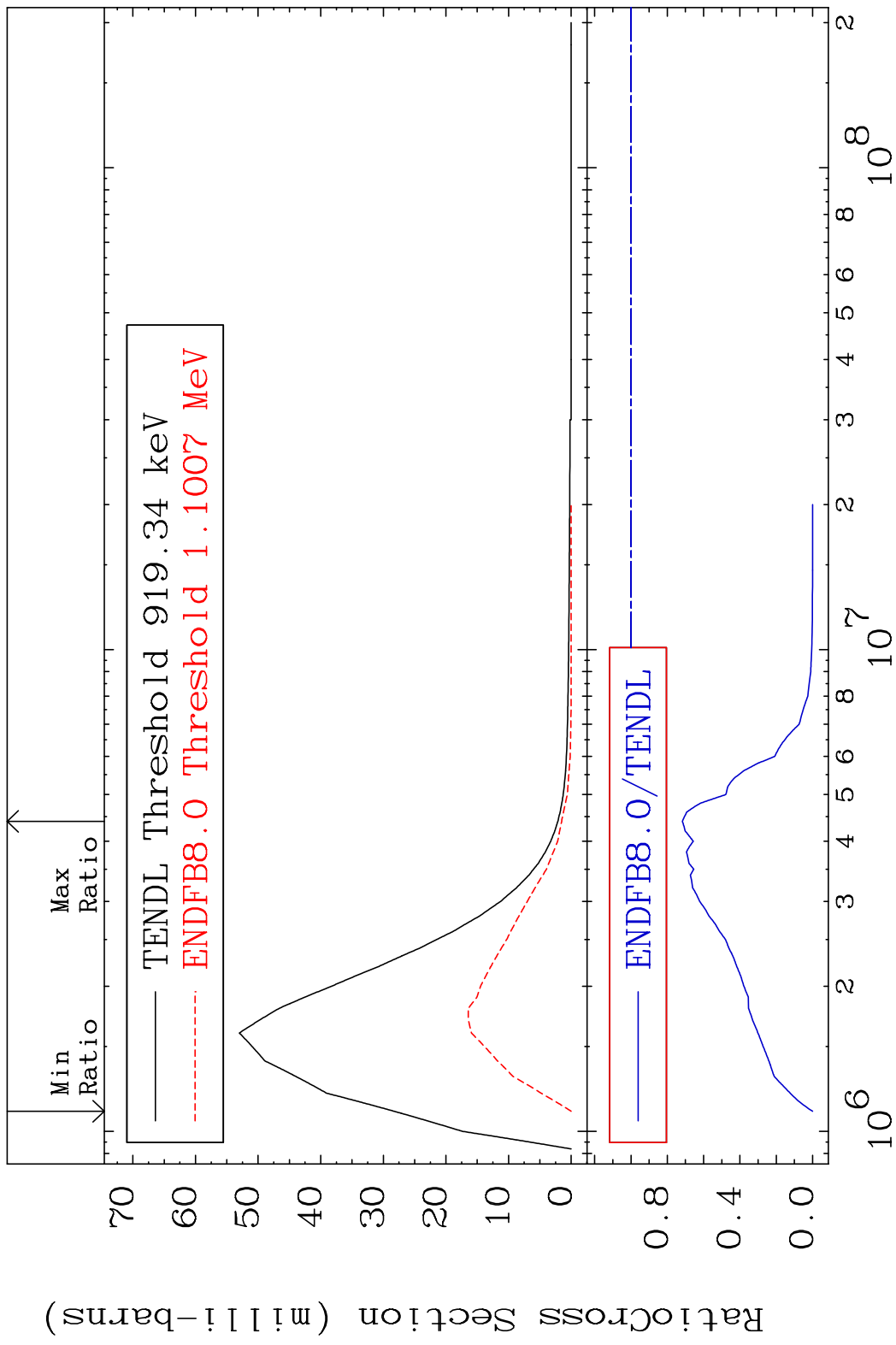
MAT 4731 MT= 66 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 96.94 %



MAT 4731 MT= 67 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 285.5 %



MAT 4731 MT= 68 (n, n') Level 47-Ag-109
 Cross Section -100.0 To -28.29%



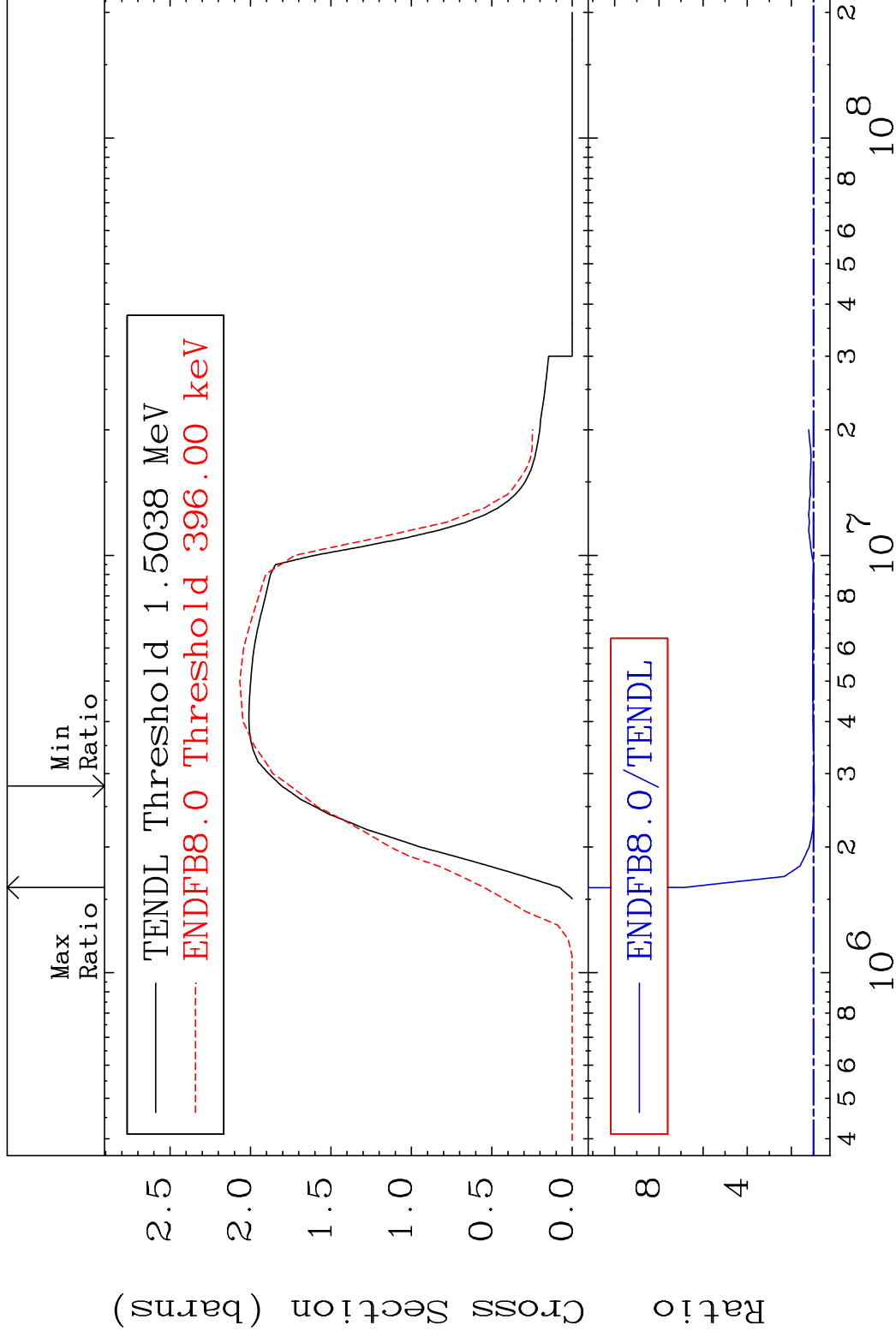
27 47-Ag-109

MAT 4731

(n, n') Continuum

47-Ag-109

Cross Section -3.029 To 588.0 %

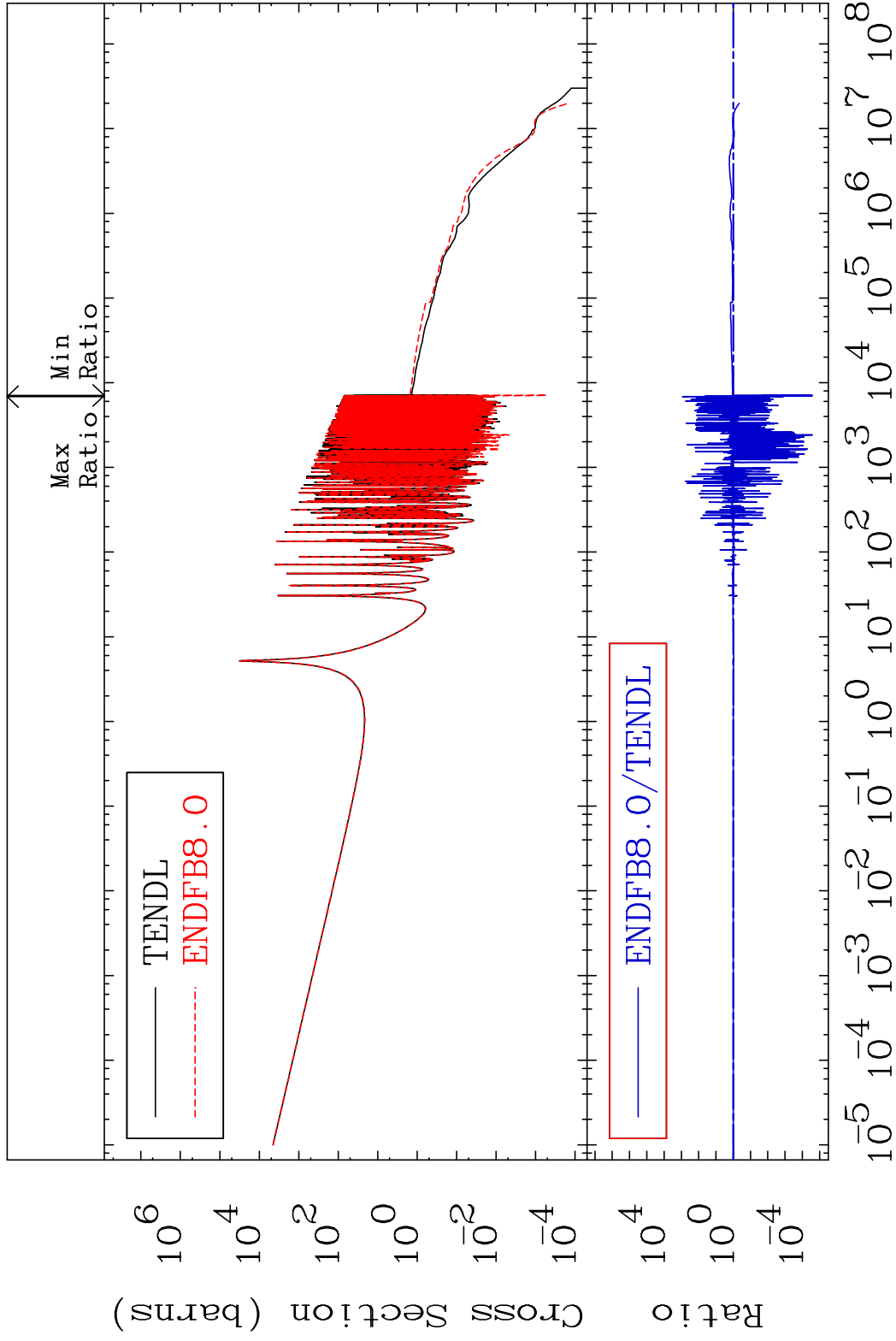


MAT 4731

(n, γ)

47-Ag-109

Cross Section -100.0 To 9999. %

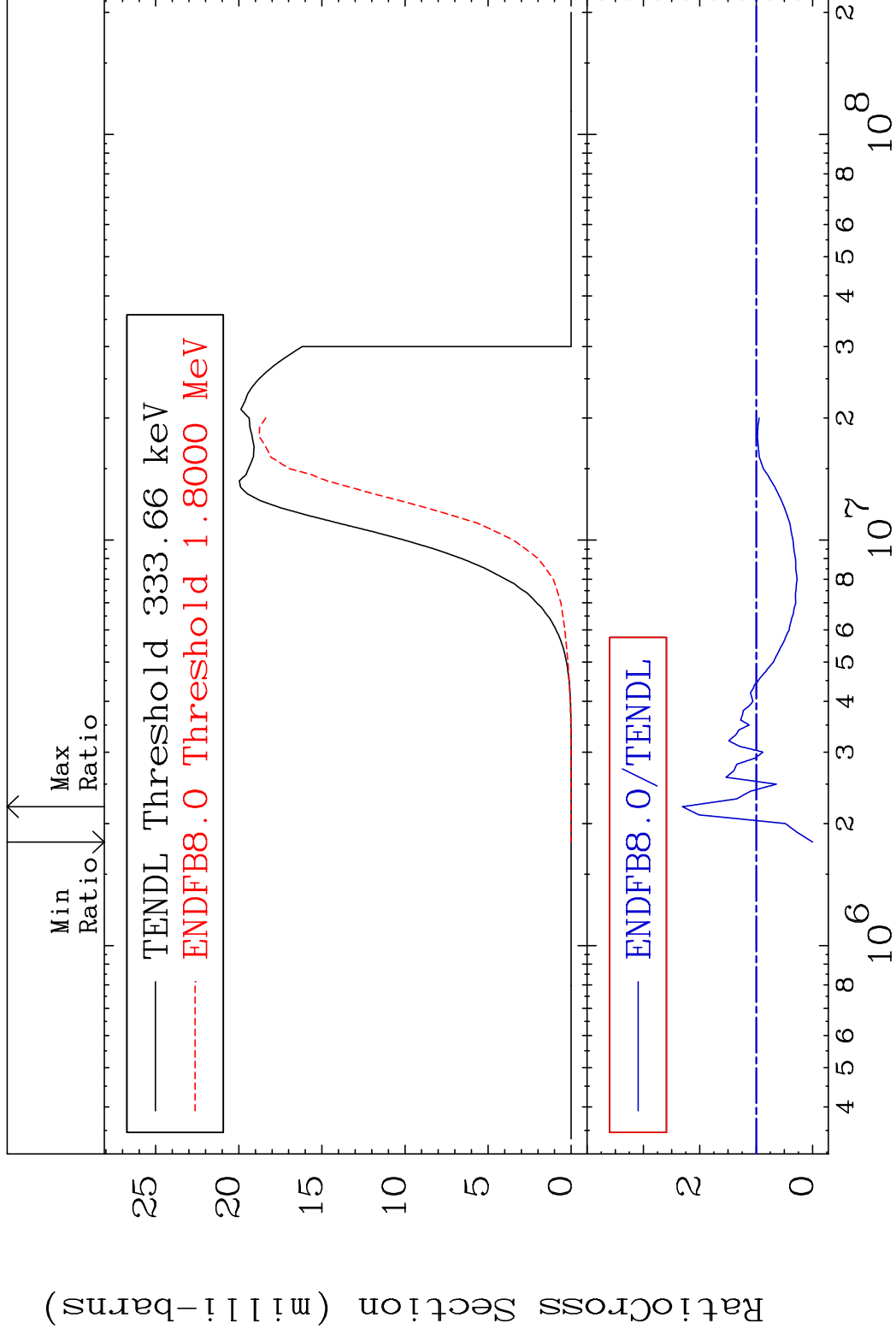


MAT 4731

(n,p)

47-Ag-109

Cross Section -100.0 To 131.0 %



30

Incident Energy (eV)

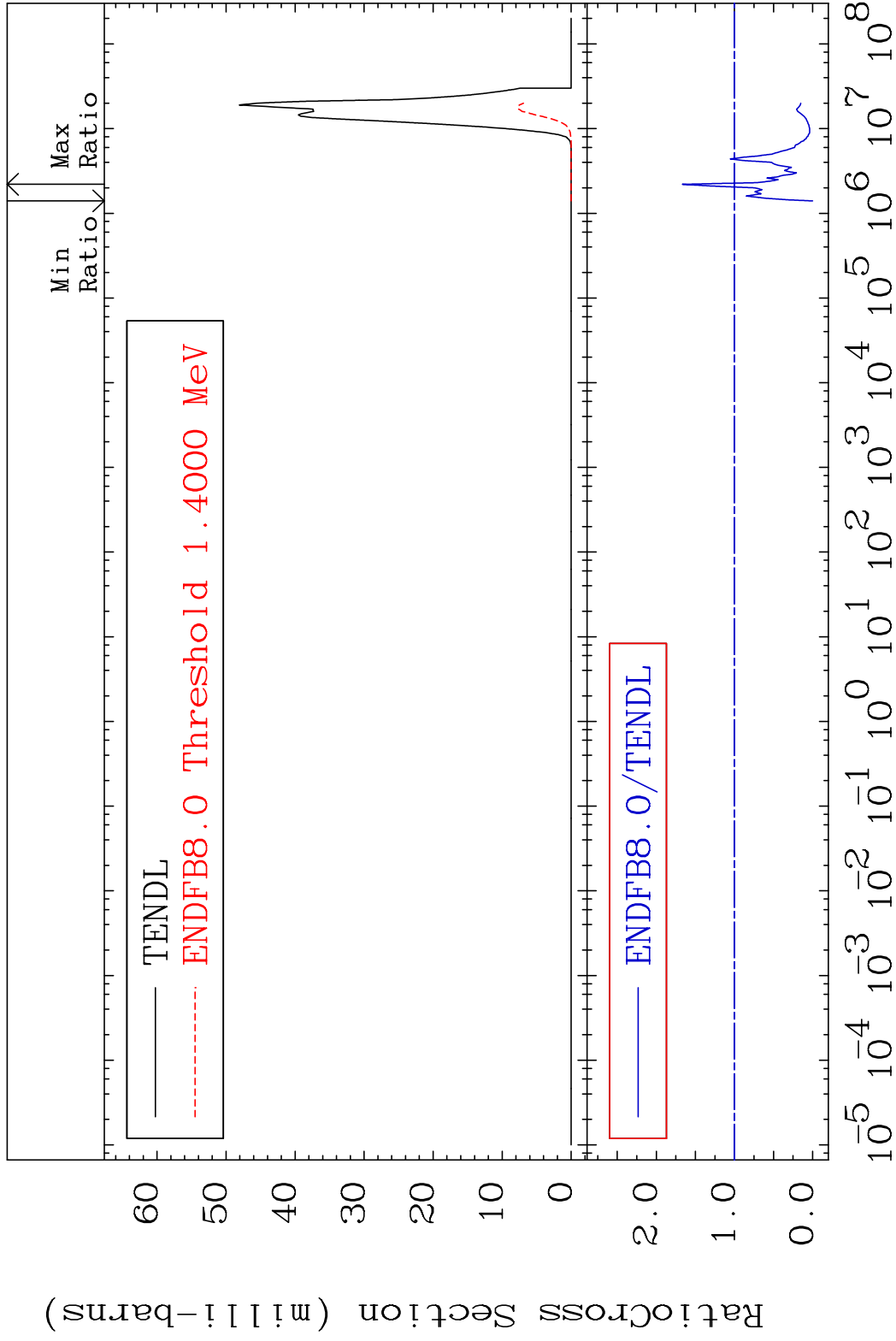
47-Ag-109

MAT 4731

(n, α)

47-Ag-109

Cross Section -100.0 To 66.68 %

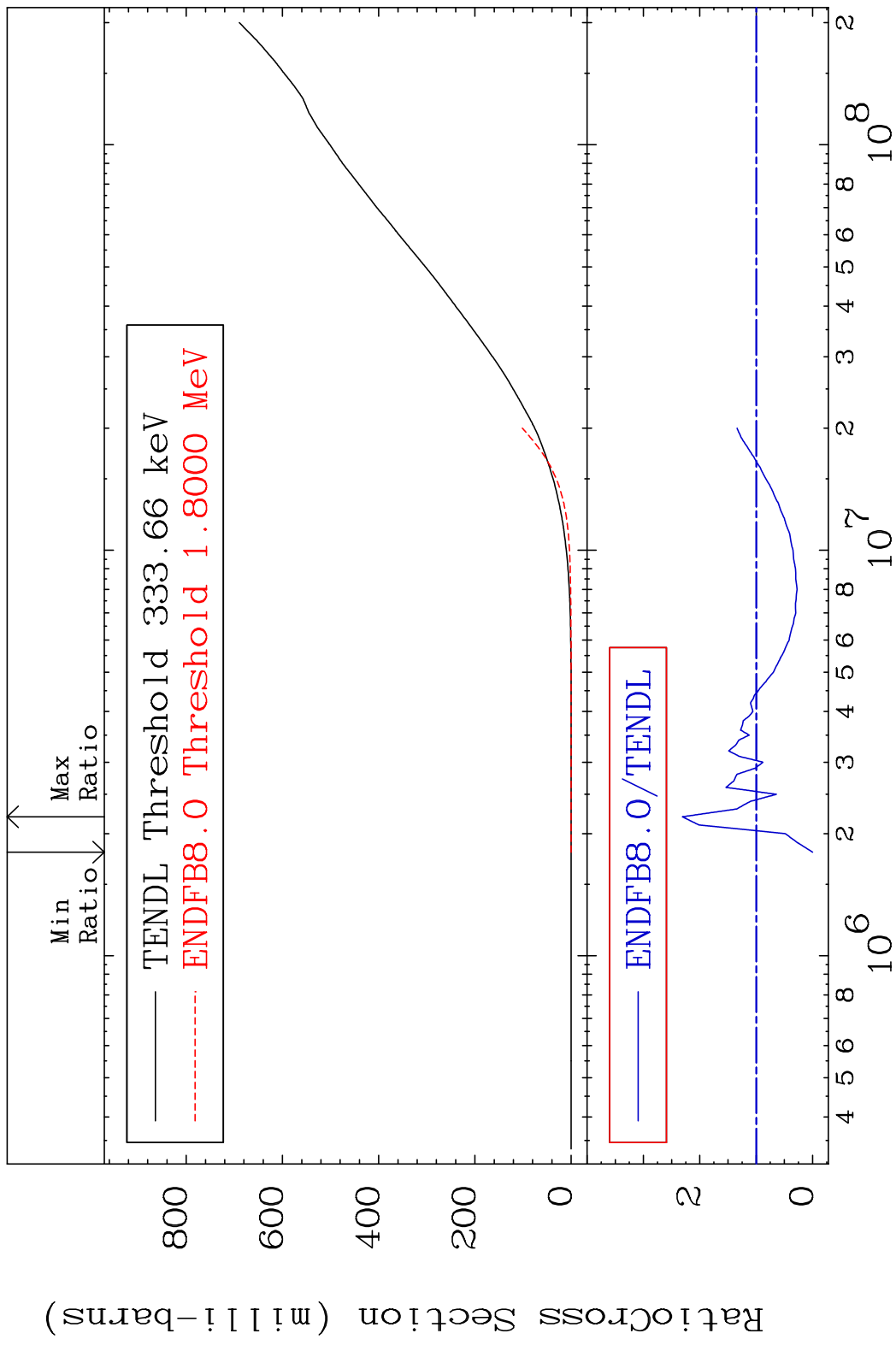


31

Incident Energy (eV)

47-Ag-109

MAT 4731 Hydrogen Production 47-Ag-109
 Cross Section -100.0 To 131.0 %



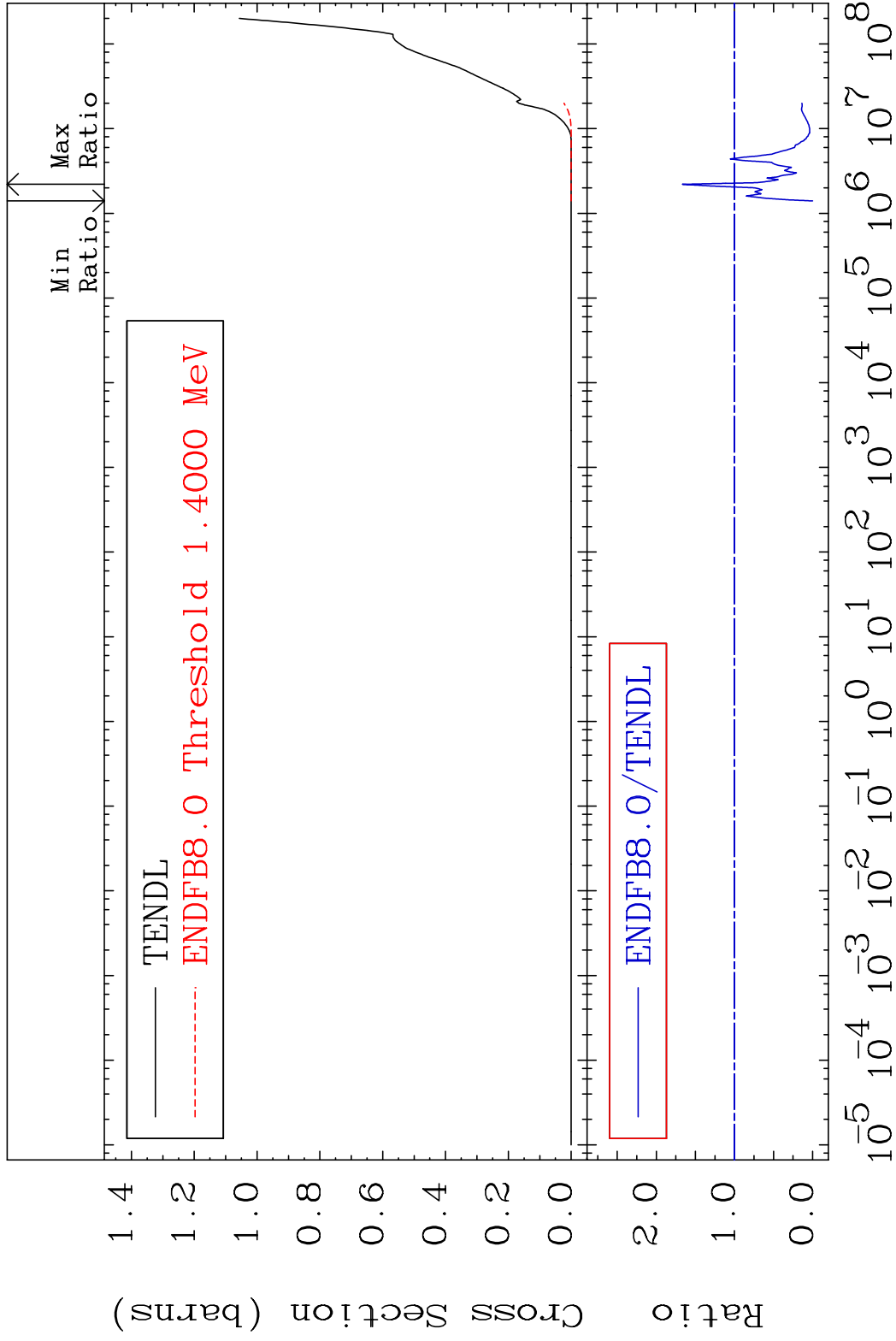
32 Incident Energy (eV) 47-Ag-109

MAT 4731

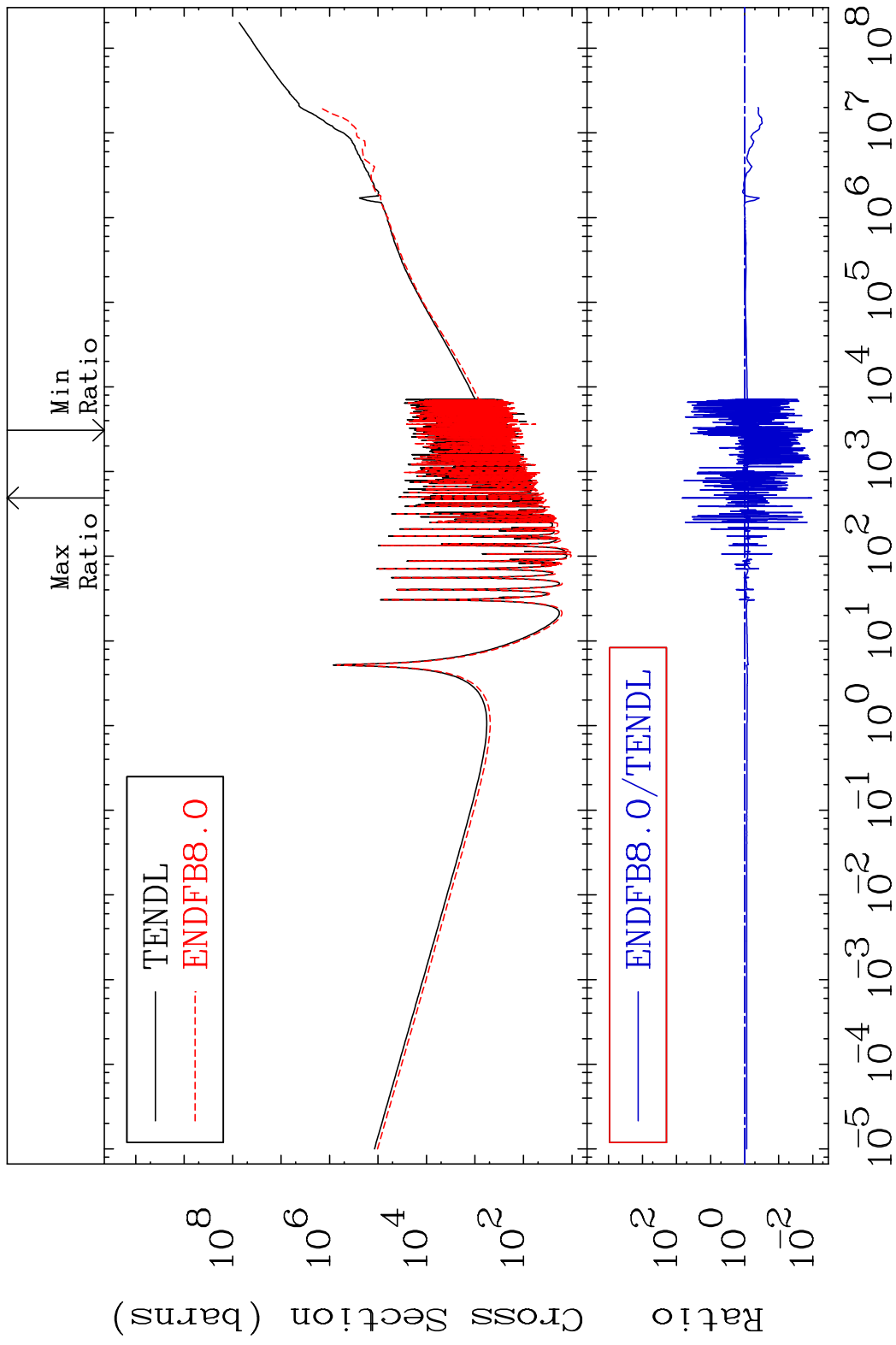
He-4 Production

47-Ag-109

Cross Section -100.0 To 66.68 %



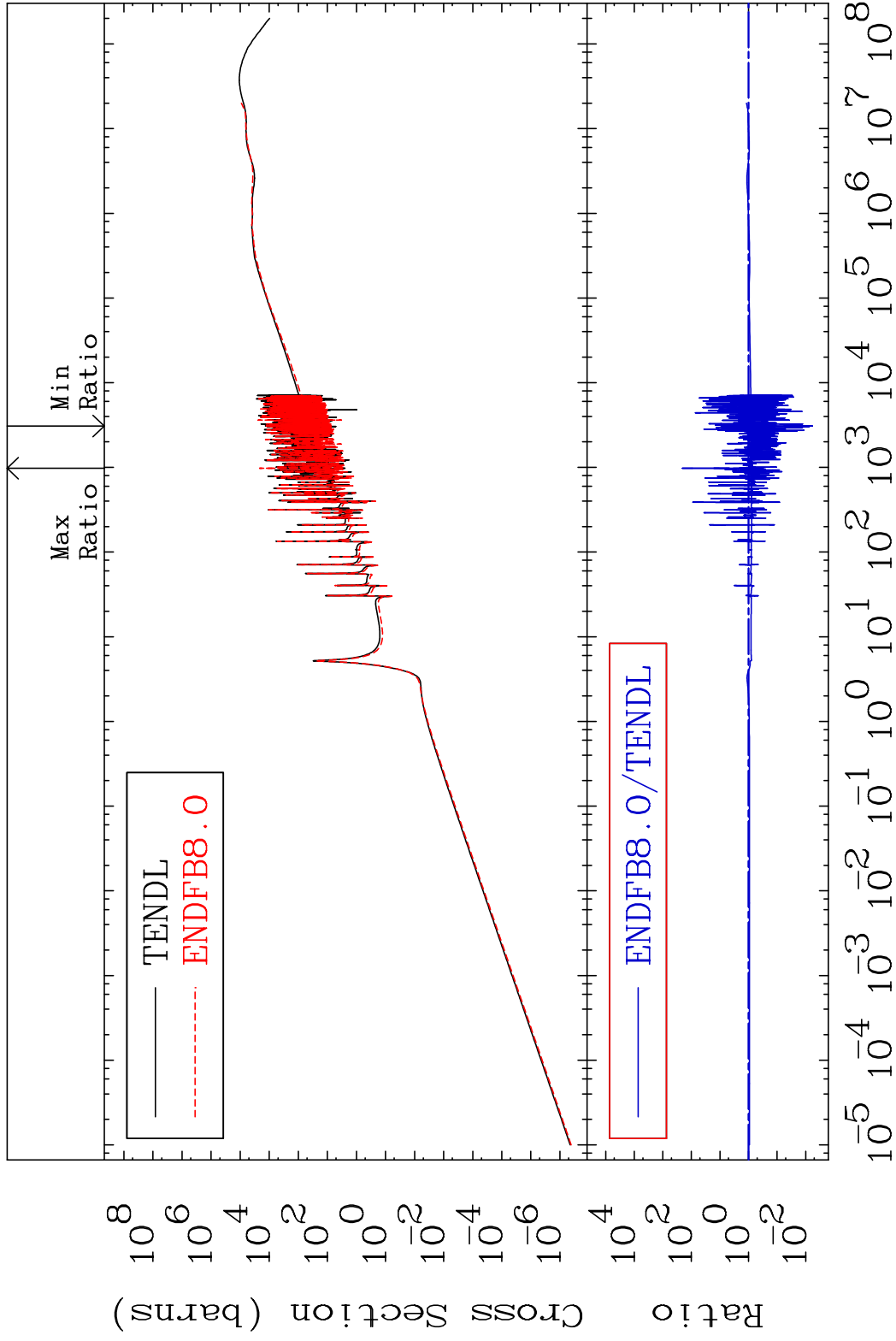
MAT 4731 Kerma total (eV-barns) 47-Ag-109
 Cross Section -98.99 To 6648. %



MAT 4731

Kerma elastic Cross Section -99.43 To 9999. %

47-Ag-109

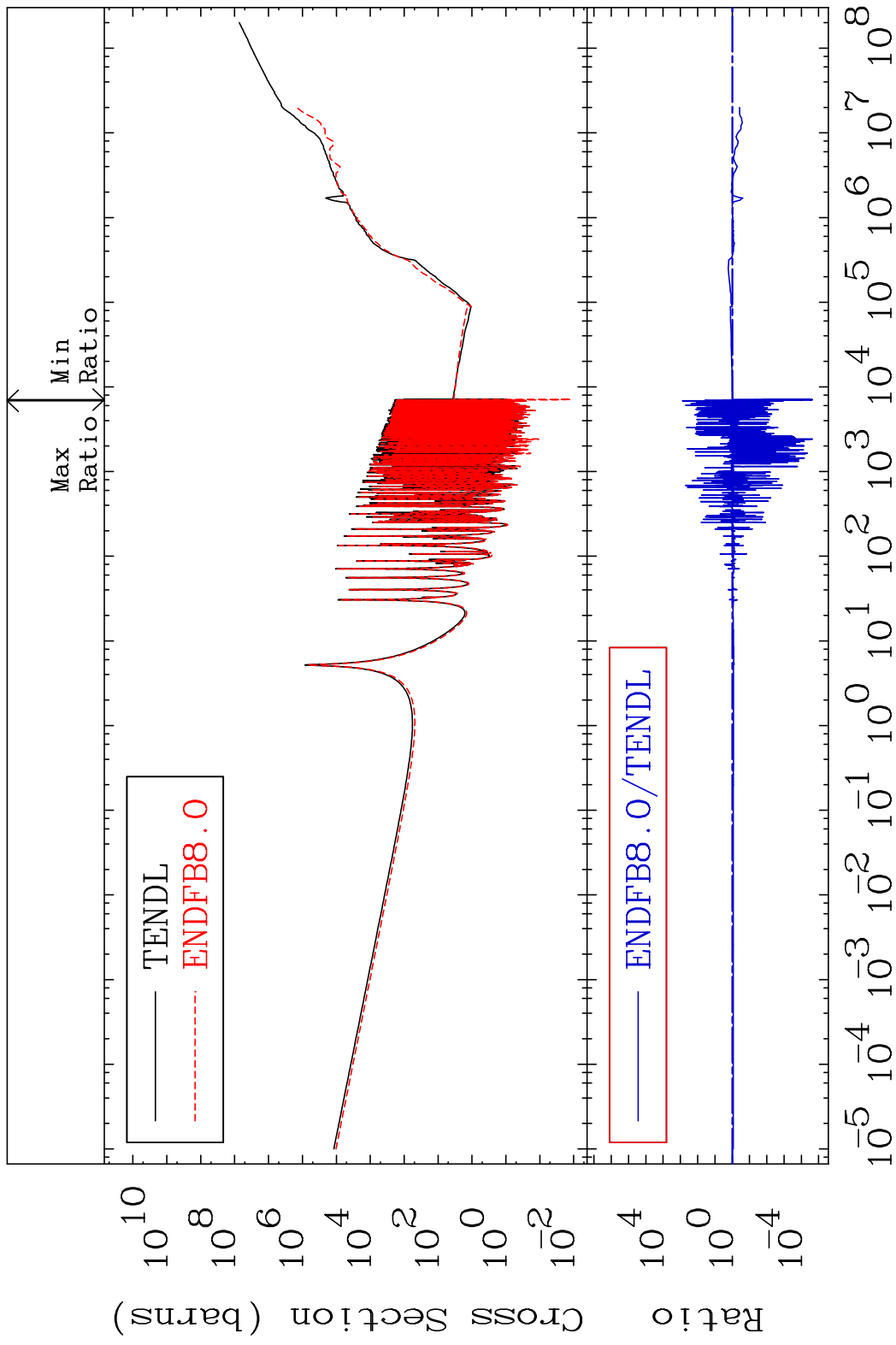


35

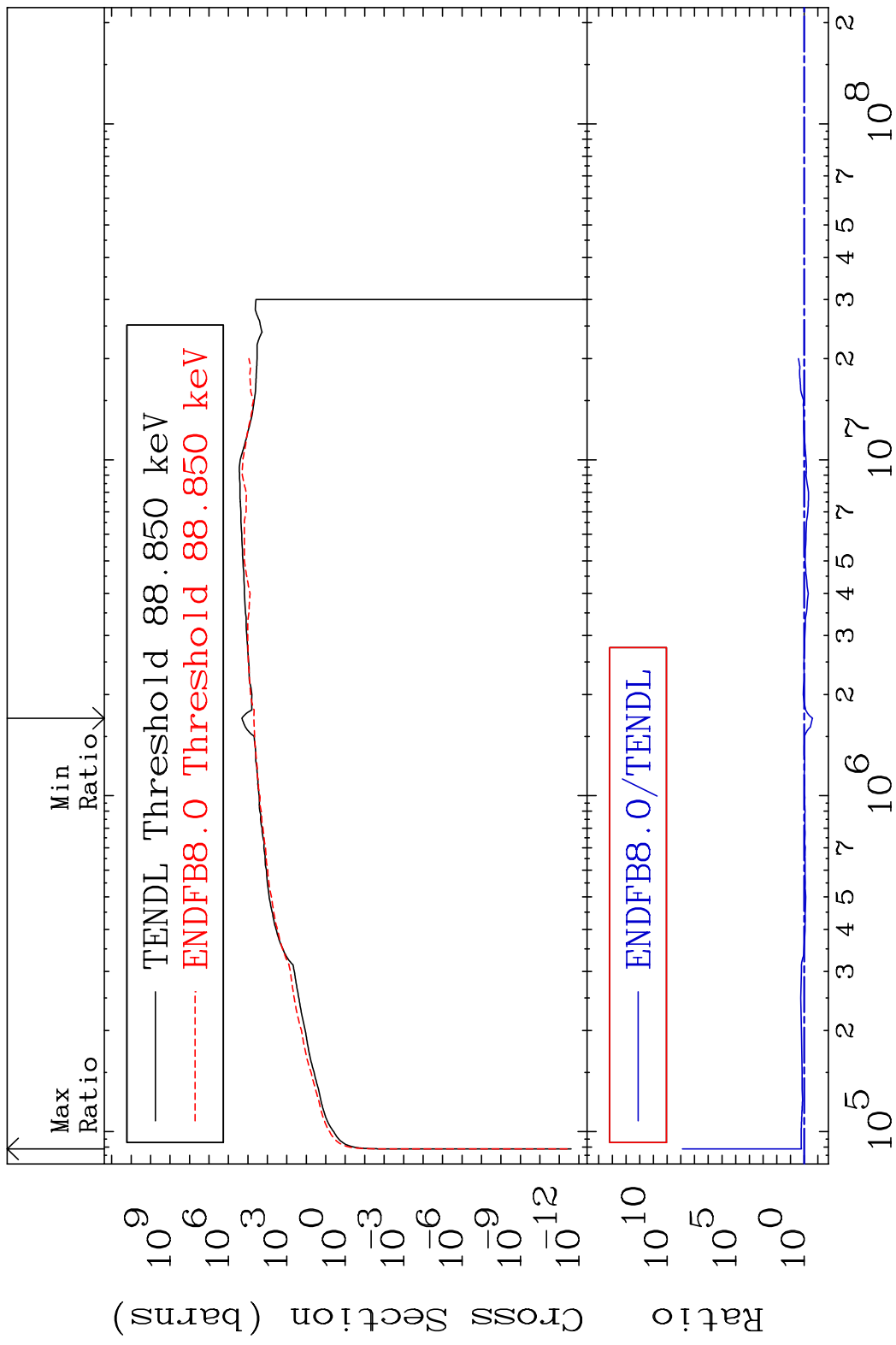
Incident Energy (eV)

47-Ag-109

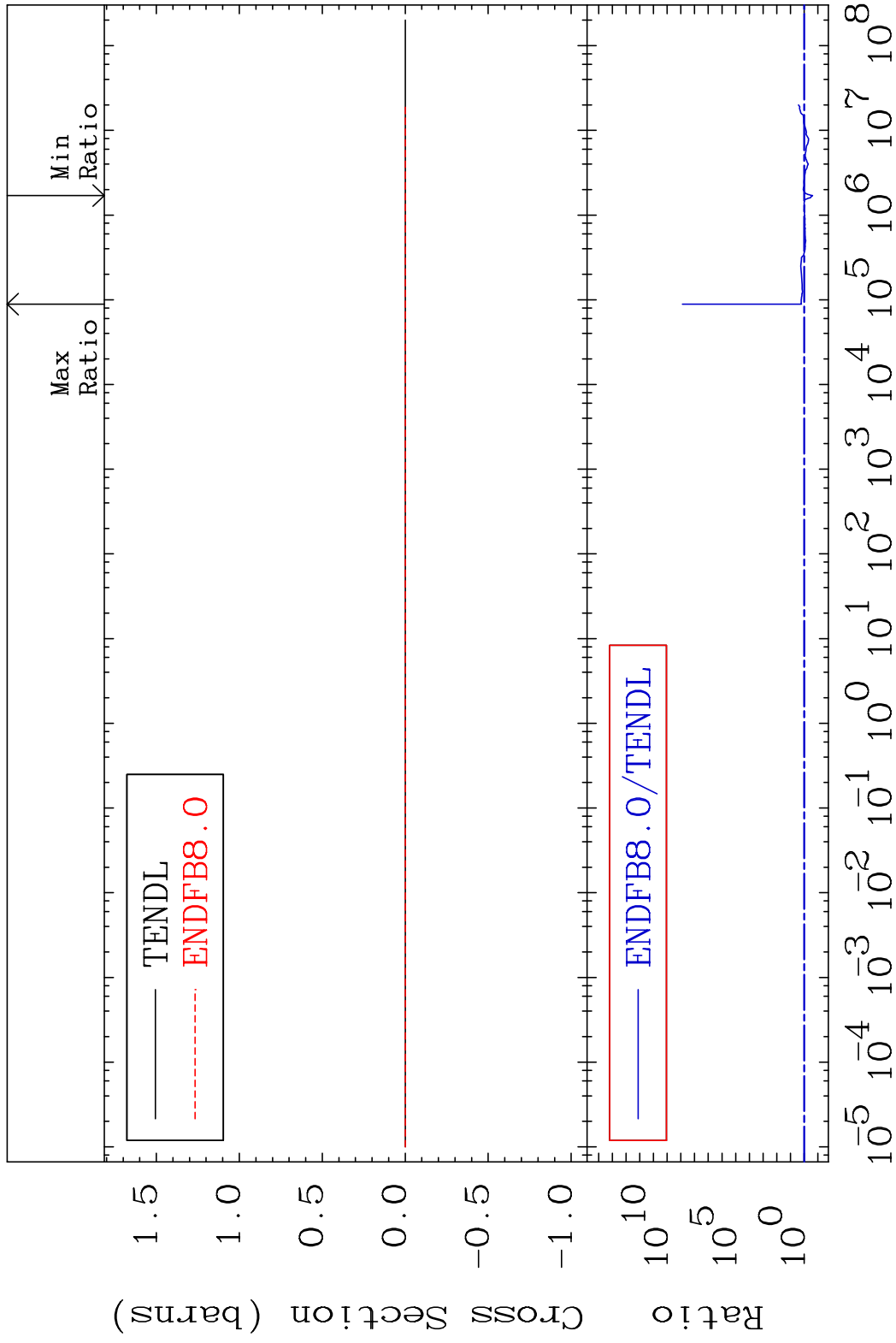
MAT 4731 Kerma non-elastic (all but mt2) 47-Ag-109
 Cross Section -100.0 To 9999. %



MAT 4731 Kerma inelastic (mt51-91) 47-Ag-109
 Cross Section -75.59 To 9999. %



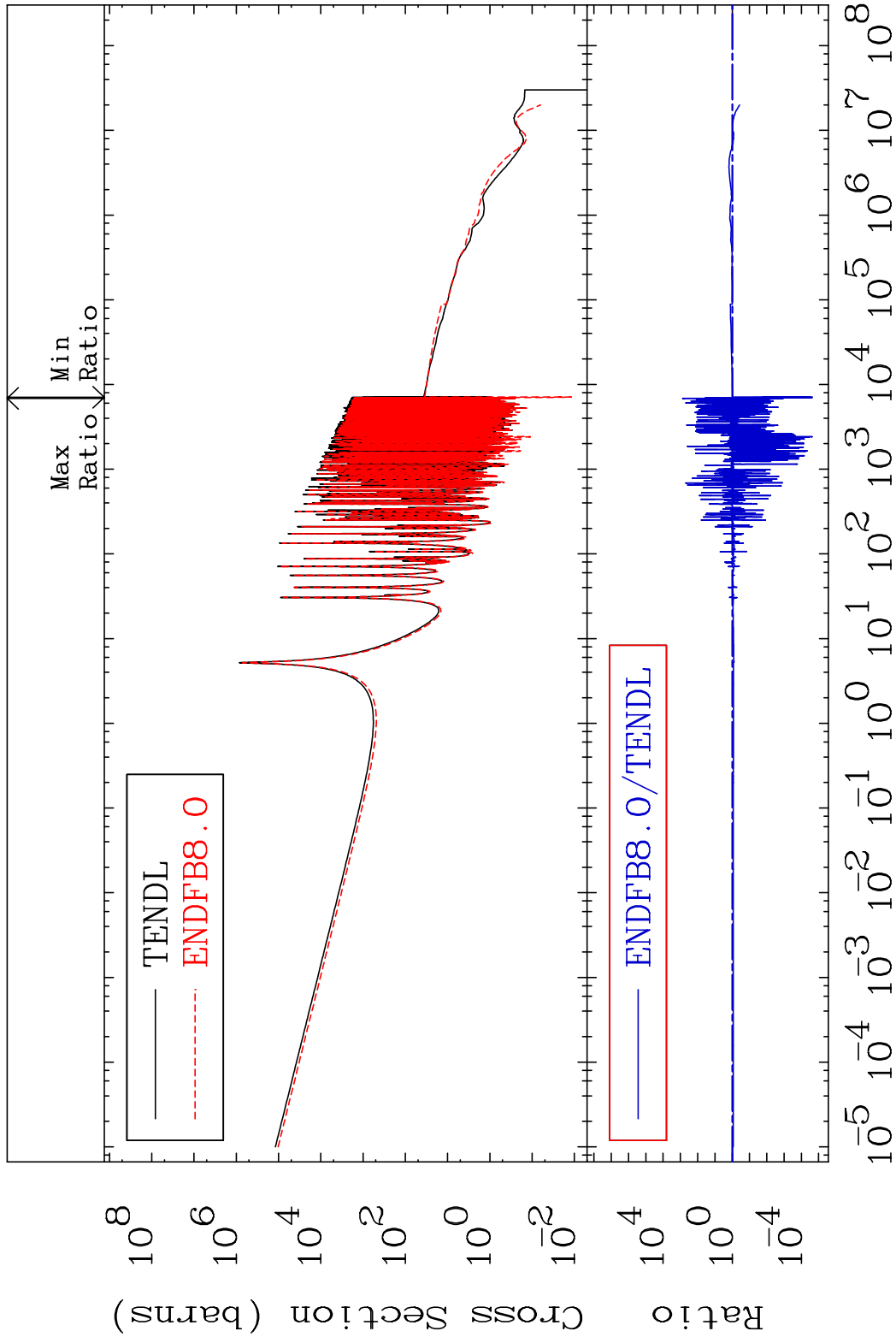
MAT 4731 Kerma fission (mt18 or mt19-20-21-38) 47-Ag-109
 Cross Section -75.59 To 9999. %



MAT 4731

Kerma capture (mt102) 47-Ag-109

Cross Section -100.0 To 9999. %

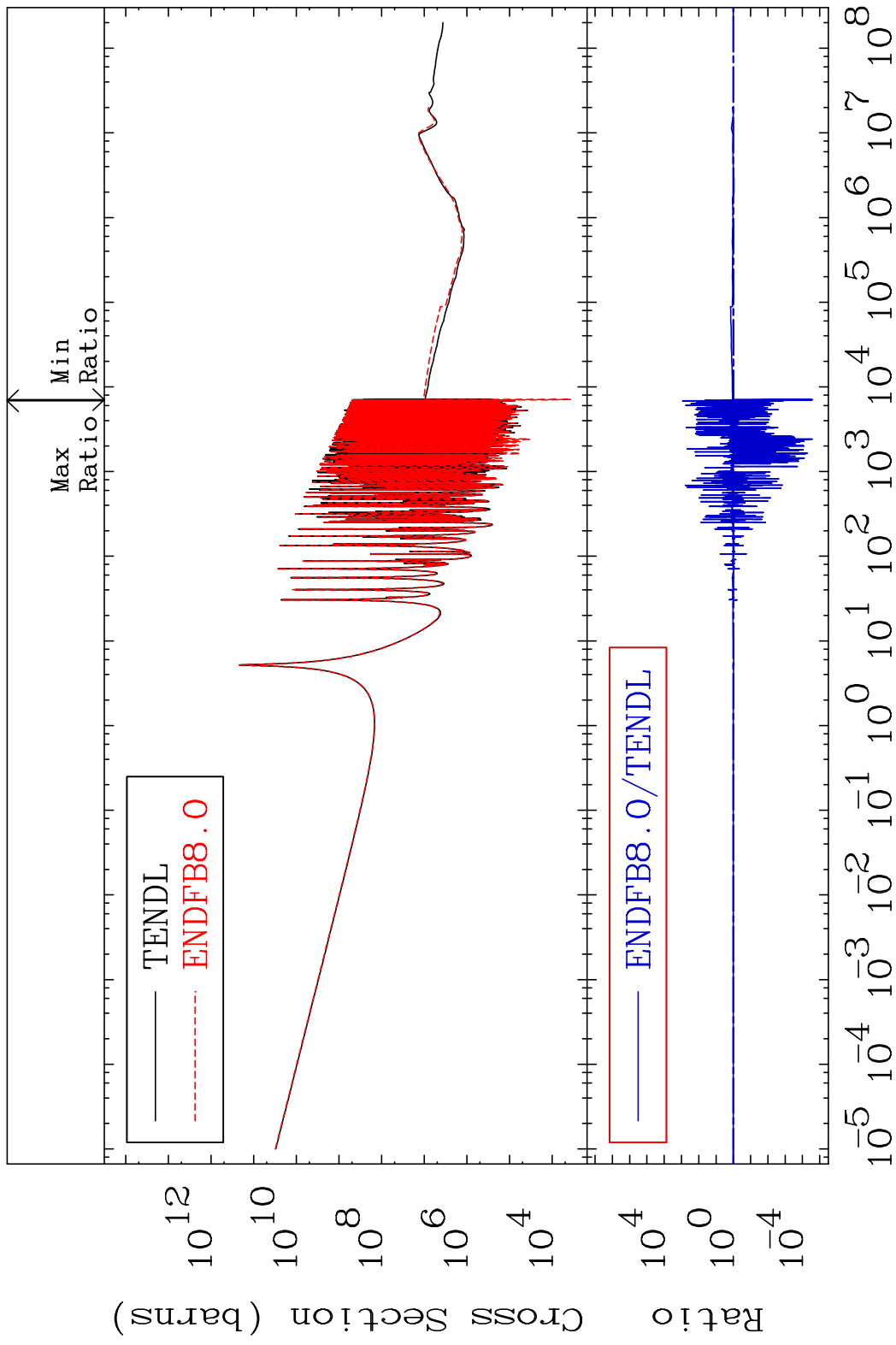


39

Incident Energy (eV)

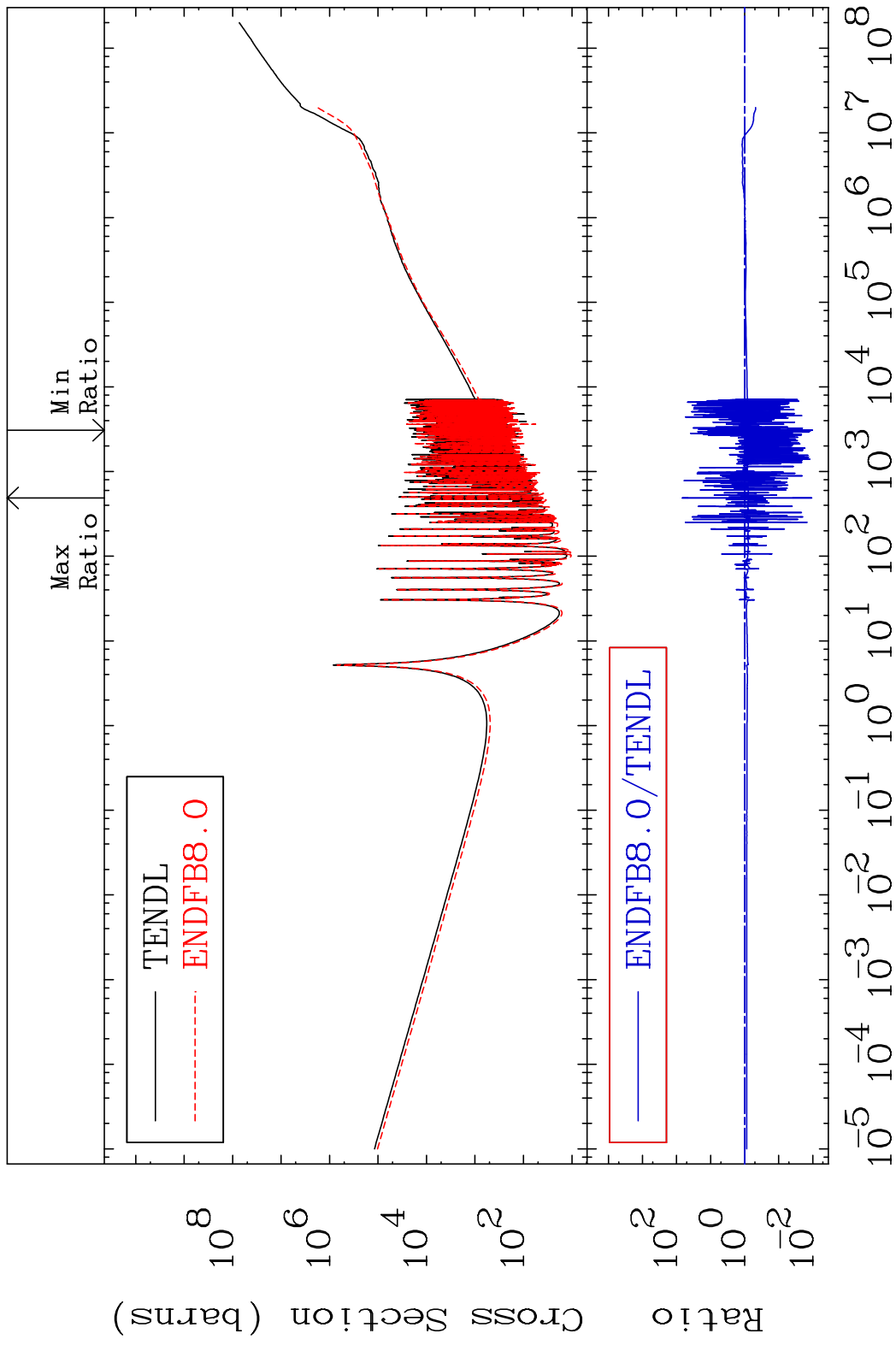
47-Ag-109

MAT 4731 Total photon (eV-barns) 47-Ag-109
 Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 47-Ag-109

MAT 4731 Total kinematic kerma (high limit) 47-Ag-109
 Cross Section -98.99 To 6648. %

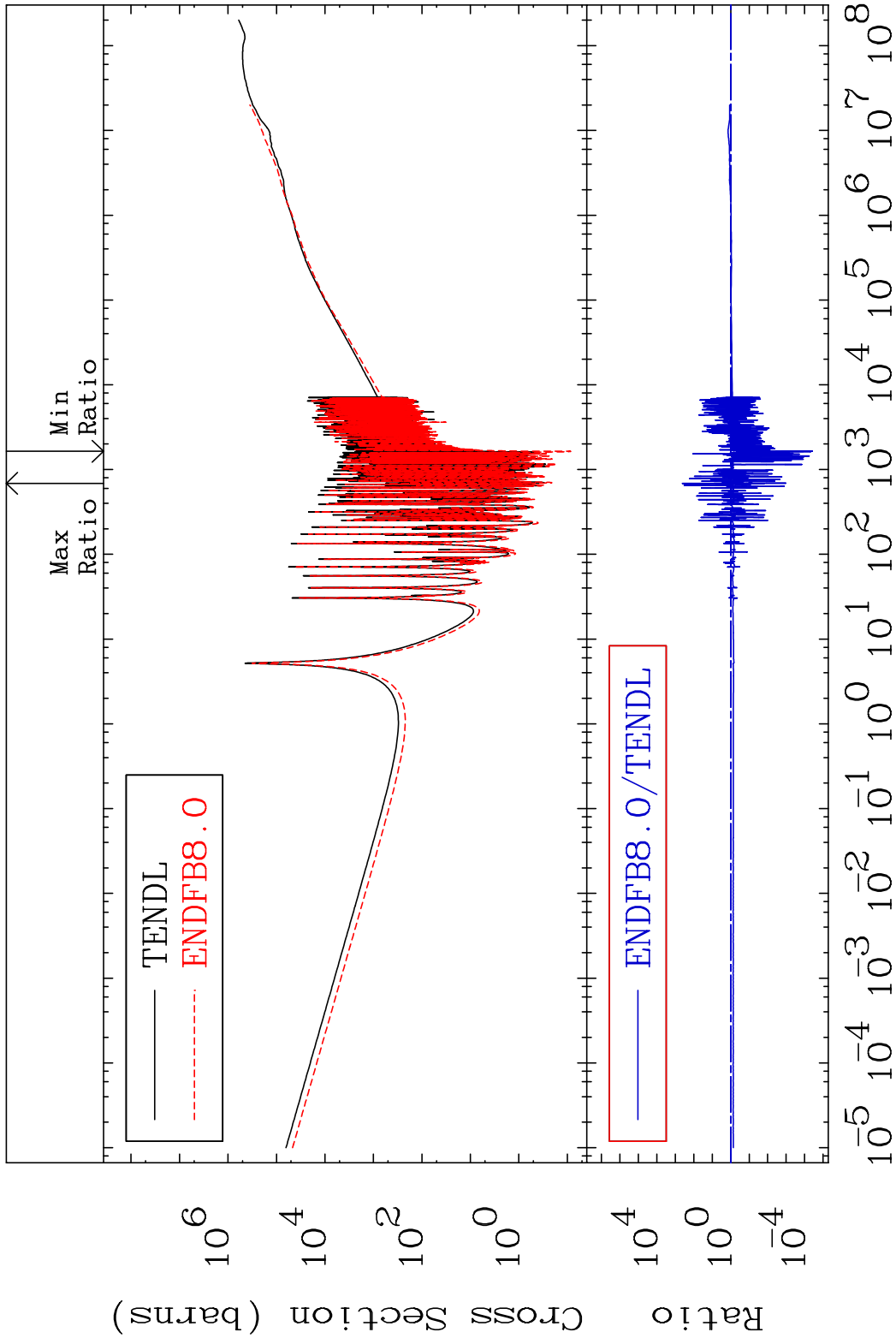


MAT 4731

Dpa total (eV-barns)

47-Ag-109

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

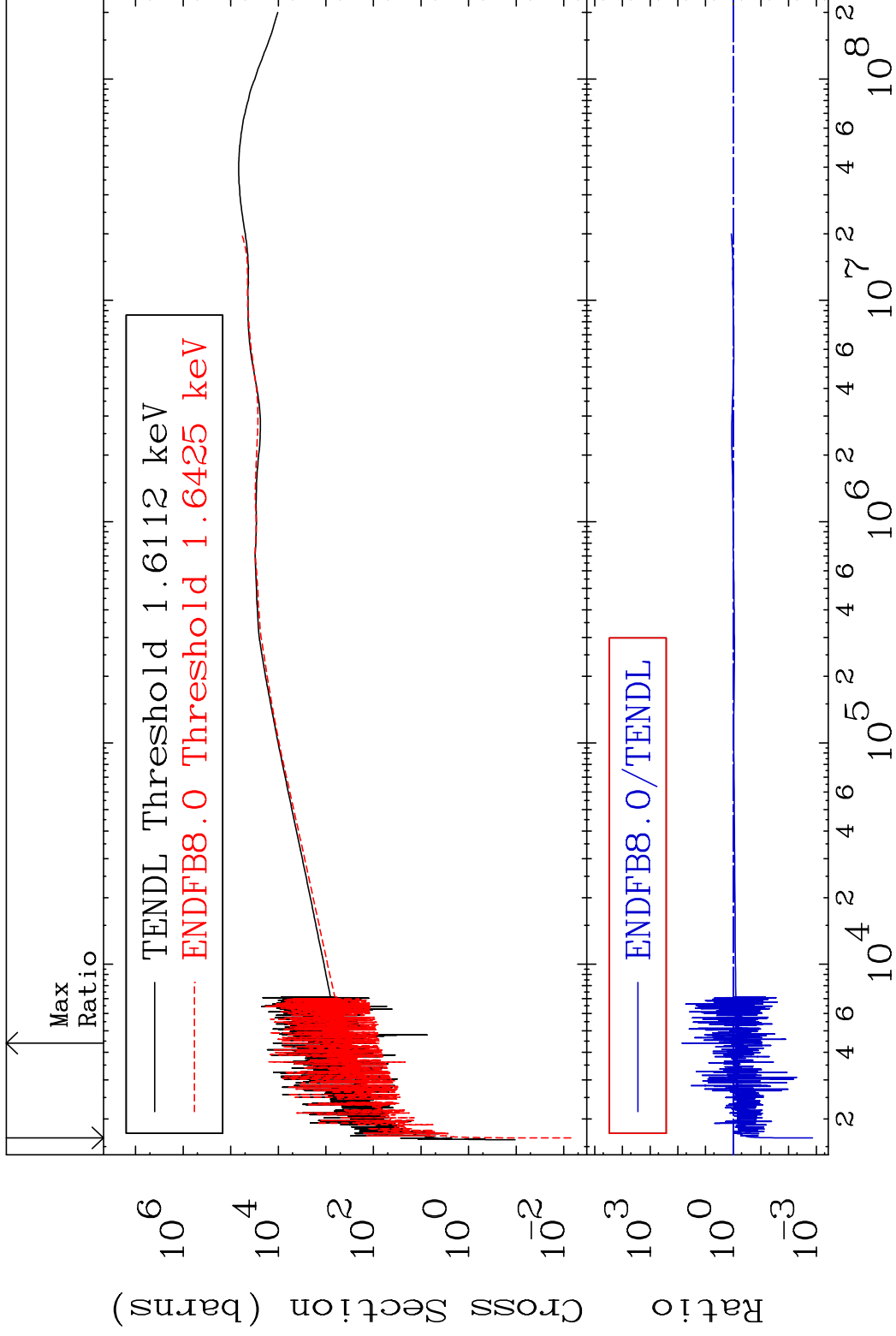
47-Ag-109

MAT 4731

Dpa elastic (mt2)

47-Ag-109

Cross Section -99.86 To 6910. %



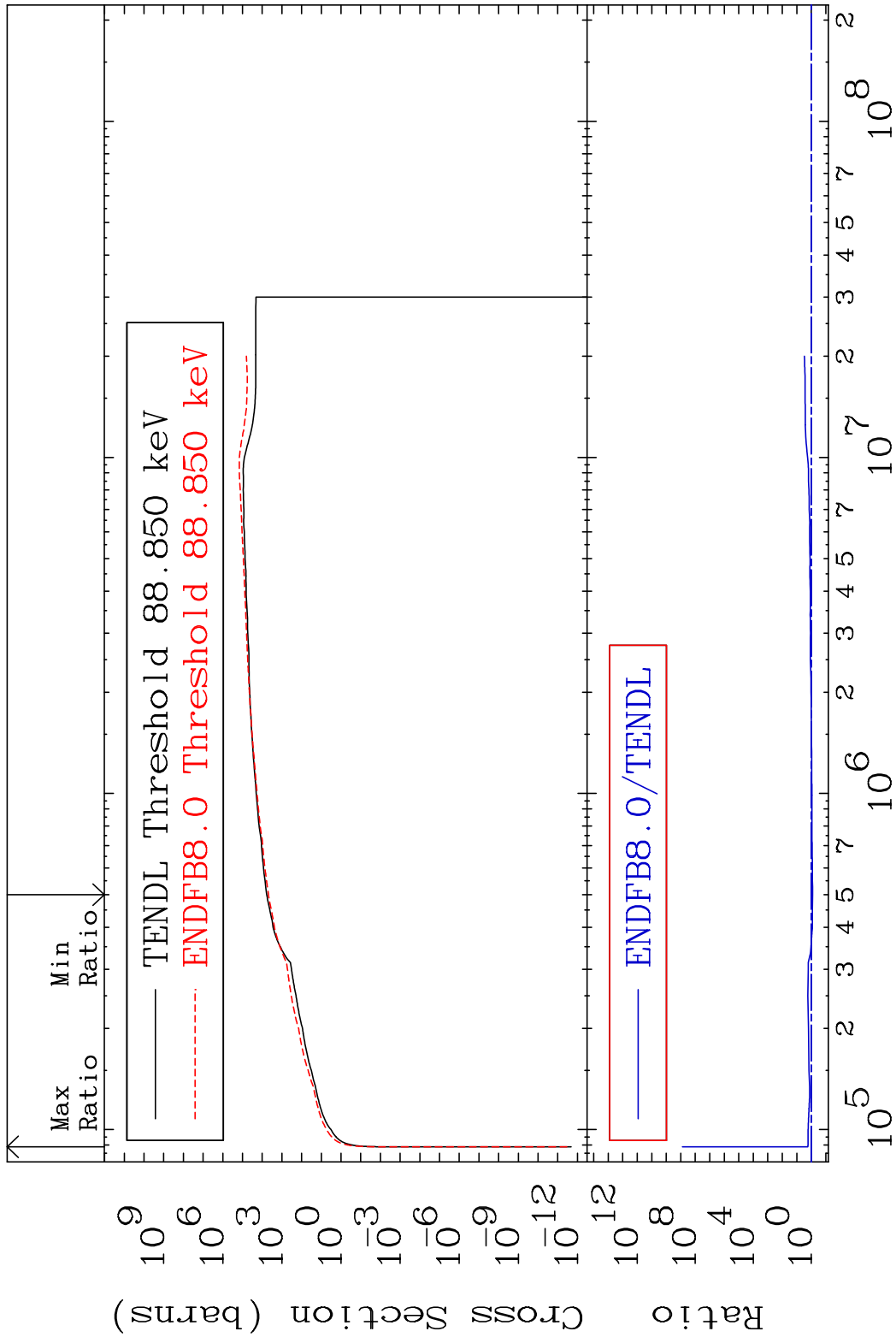
43

Incident Energy (eV)

47-Ag-109

MAT 4731

Dpa inelastic (mt51-91) 47-Ag-109
Cross Section -18.04 To 9999. %



44

Incident Energy (eV)

47-Ag-109

MAT 4731 Dpa disappearance (mt102 -120) 47-Ag-109
 Cross Section -100.0 To 9999. %

