

Program Complot
(Version 2021-1)

by

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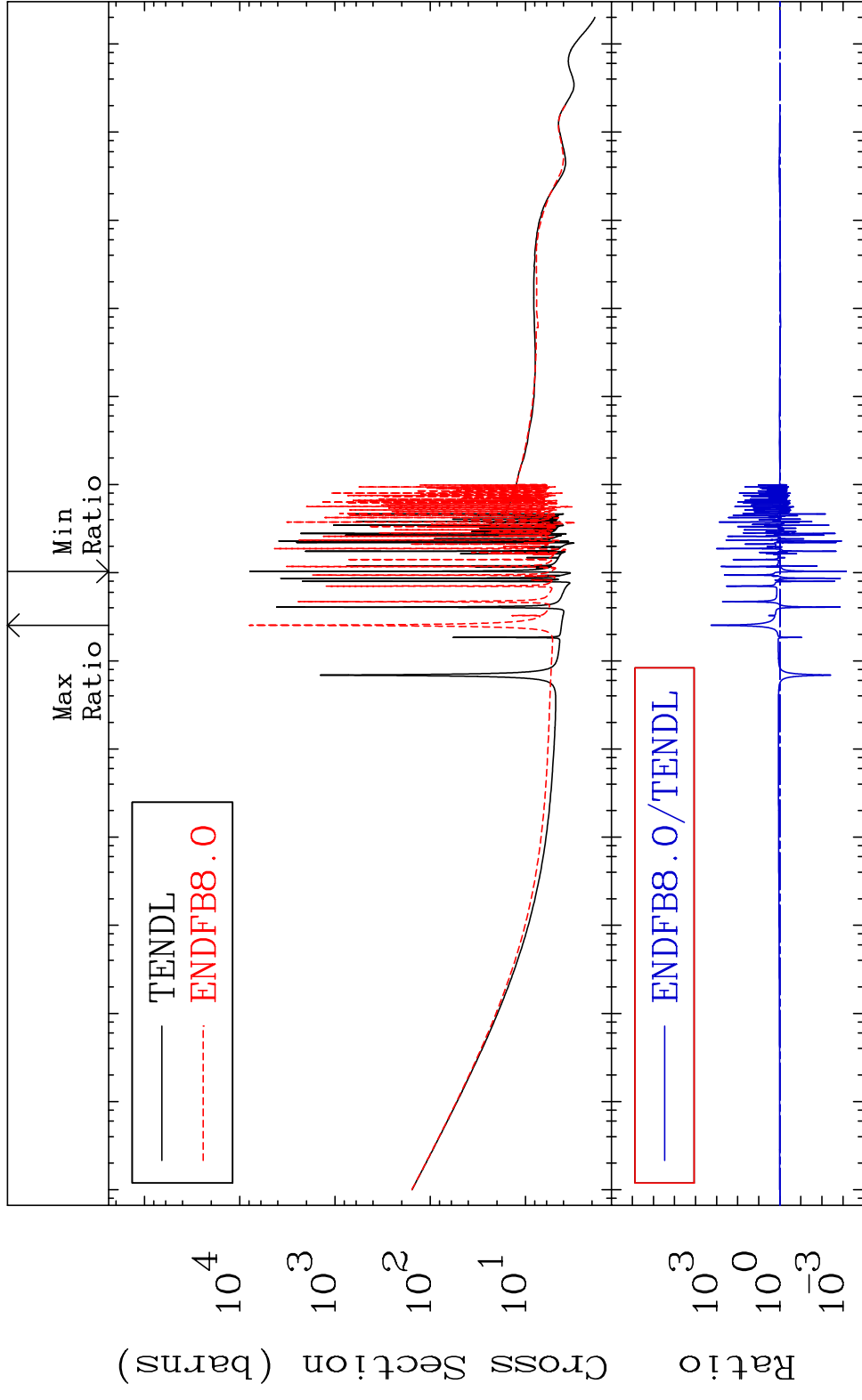
Press Mouse Button to Start

MAT 4737

47-Ag-111

Total

Cross Section -99.93 To 9999. %



1

Incident Energy (eV)

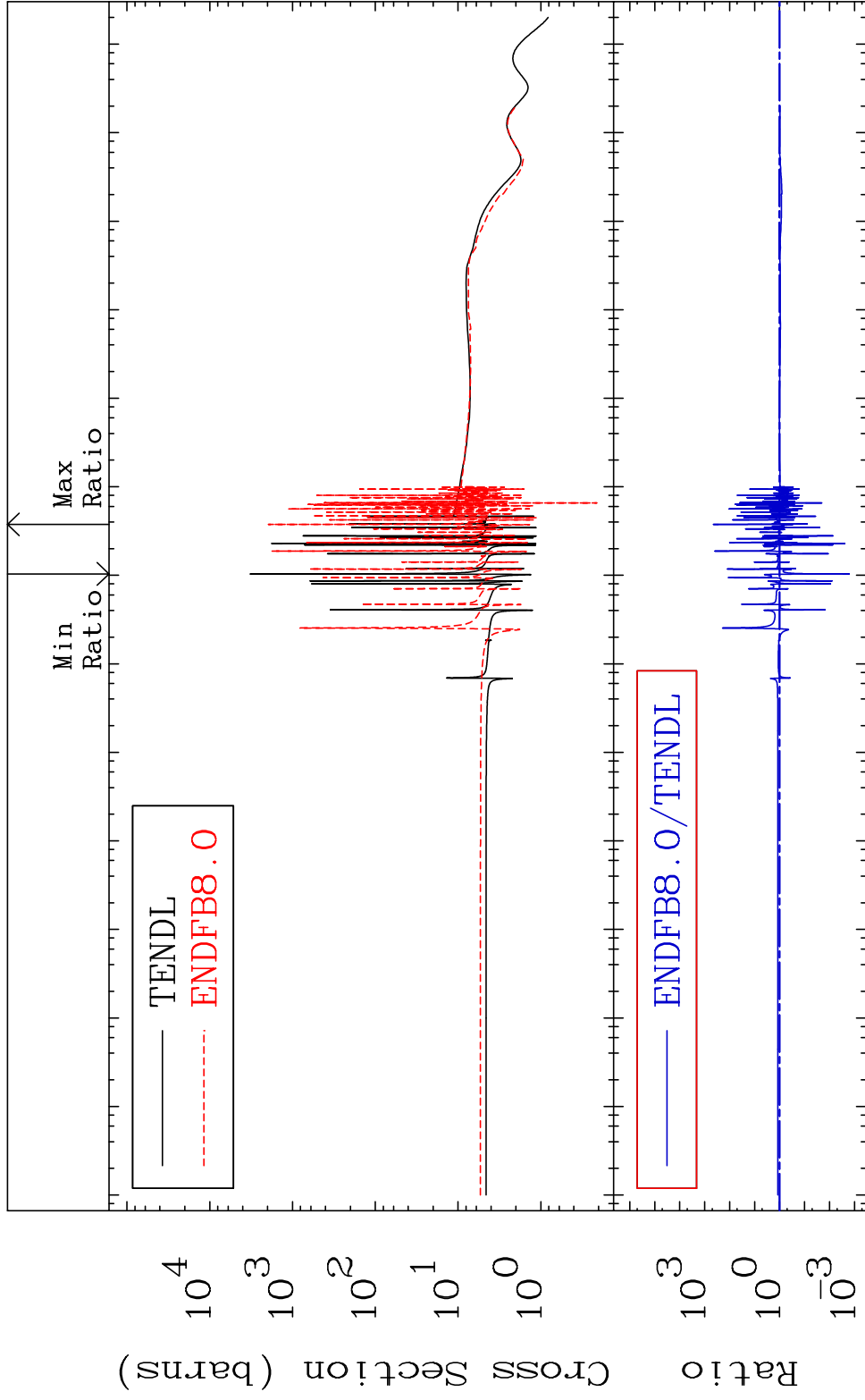
47-Ag-111

MAT 4737

Elastic

47-Ag-111

Cross Section -99.84 To 9999. %



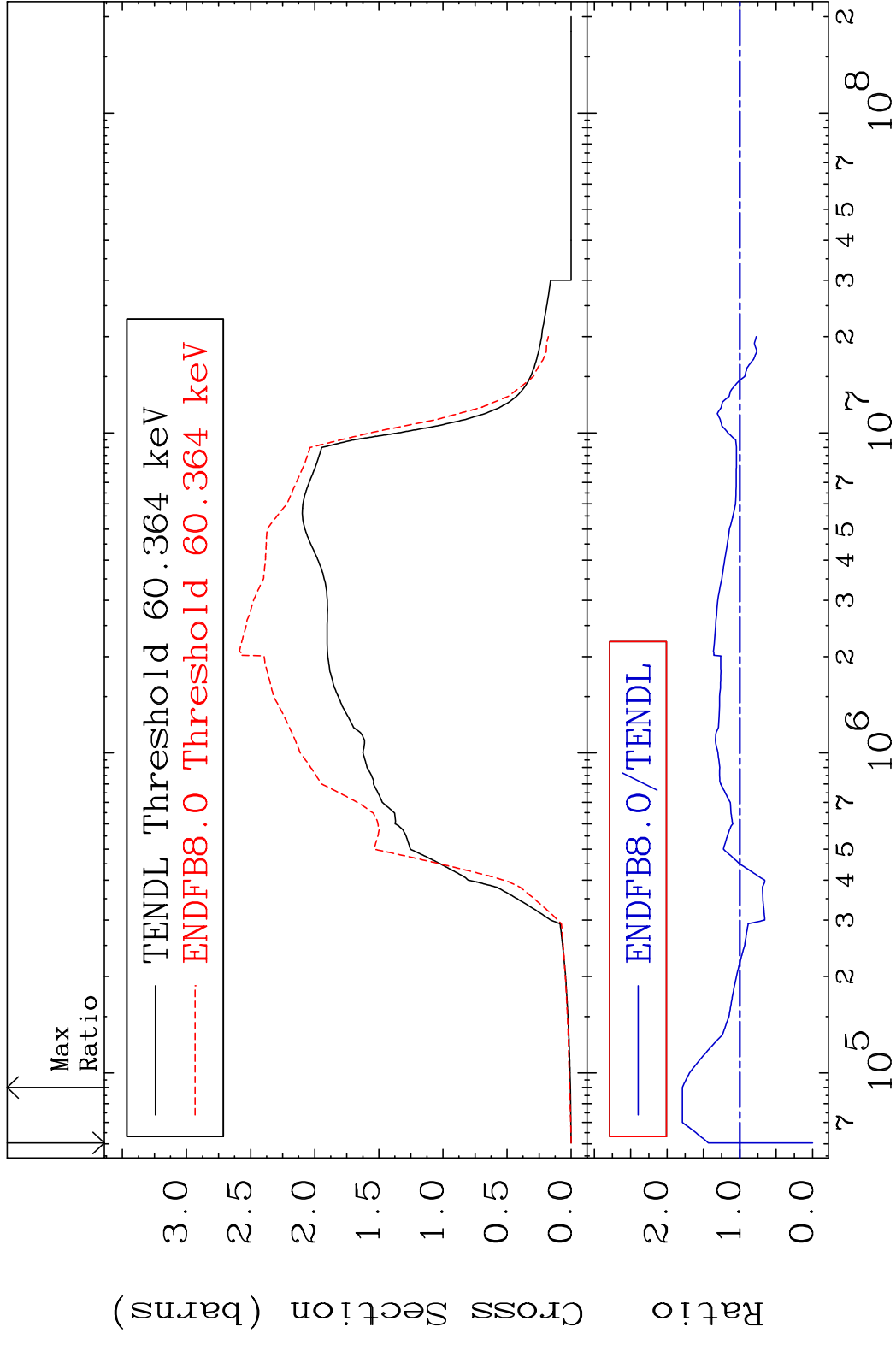
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

47-Ag-111

MAT 4737 Inelastic 47-Ag-111
 Cross Section -100.0 To 78.94 %

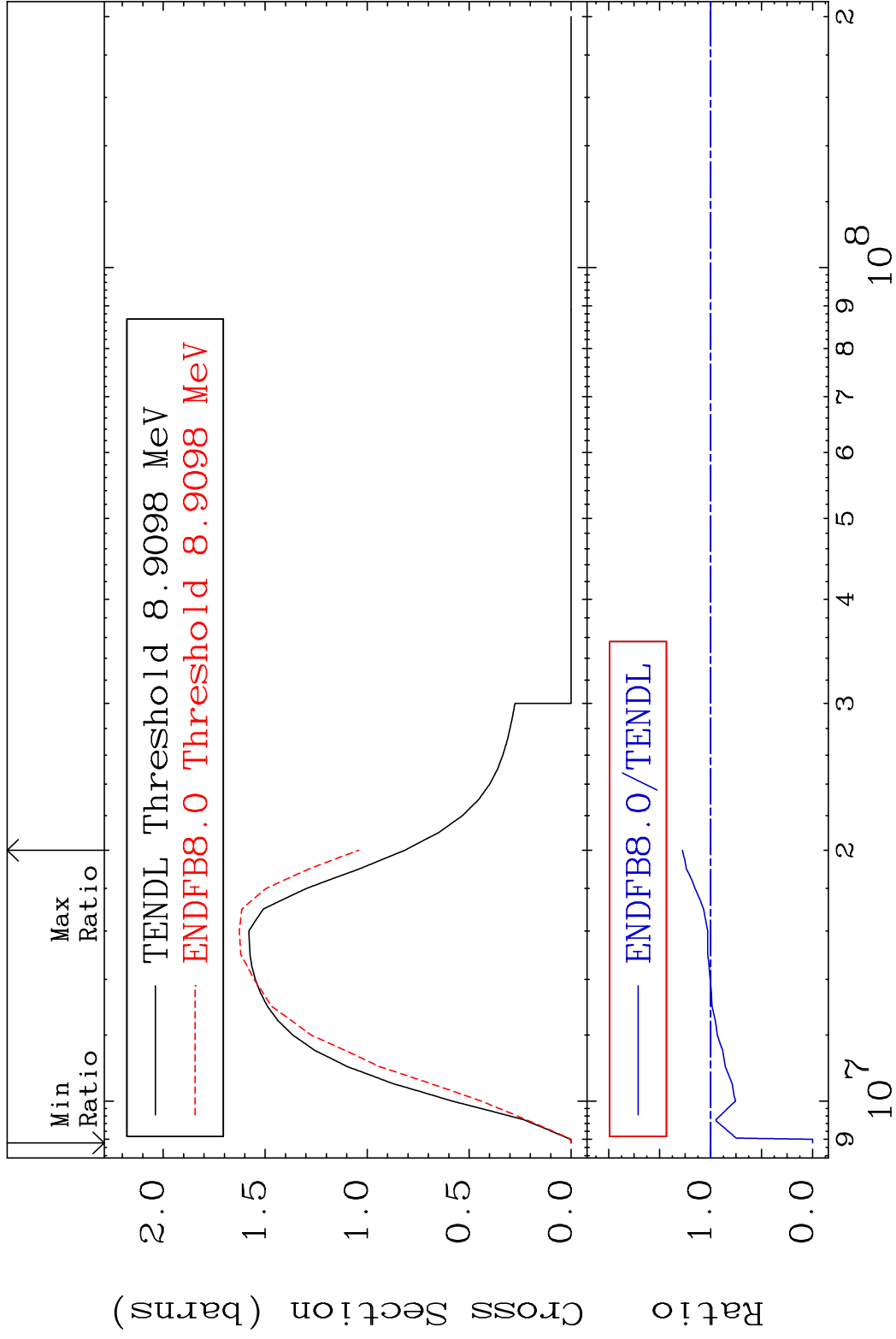


MAT 4737

(n,2n)

47-Ag-111

Cross Section -100.0 To 27.71 %



4

Incident Energy (eV)

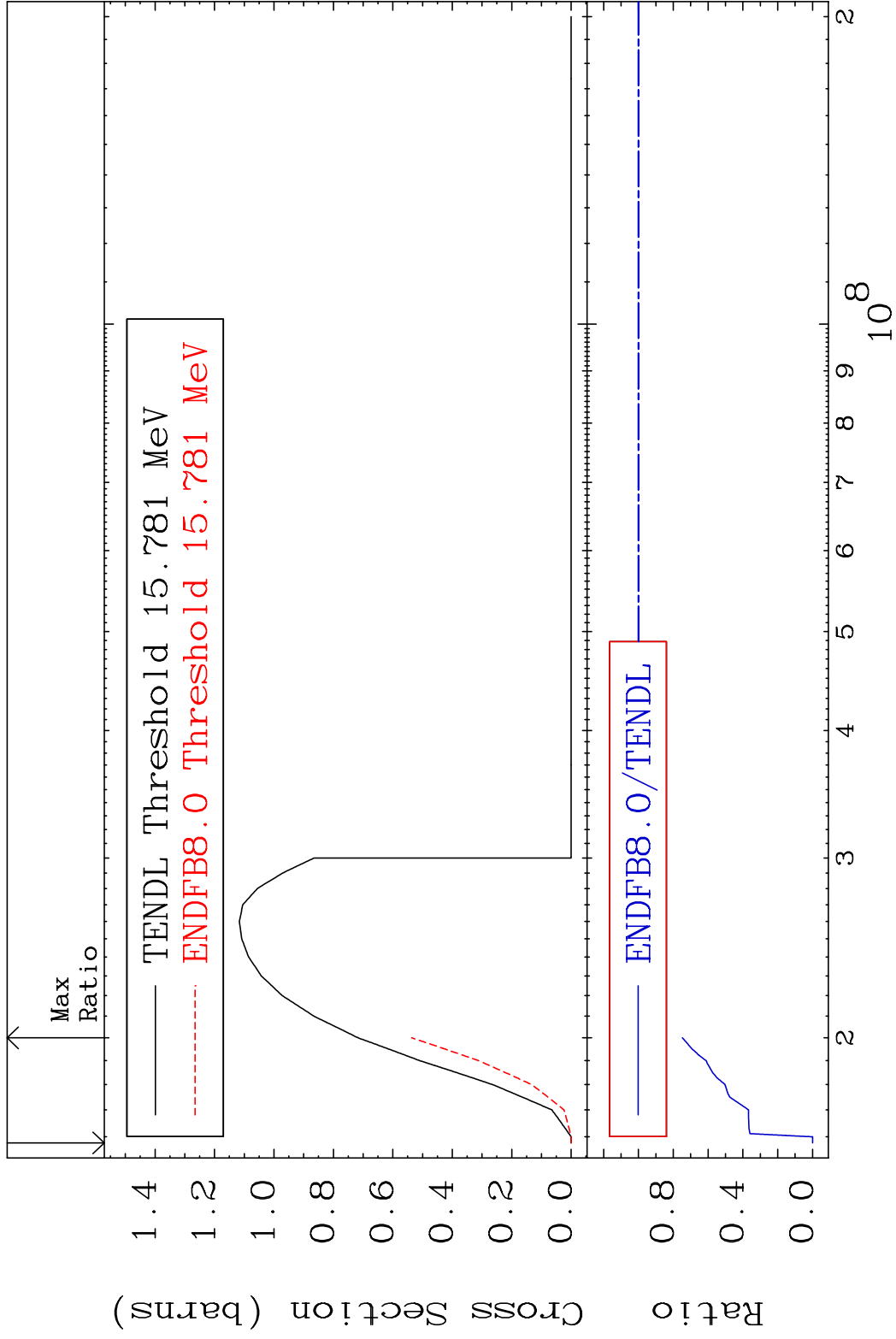
47-Ag-111

MAT 4737

(n,3n)

47-Ag-111

Cross Section -100.0 To -25.22%

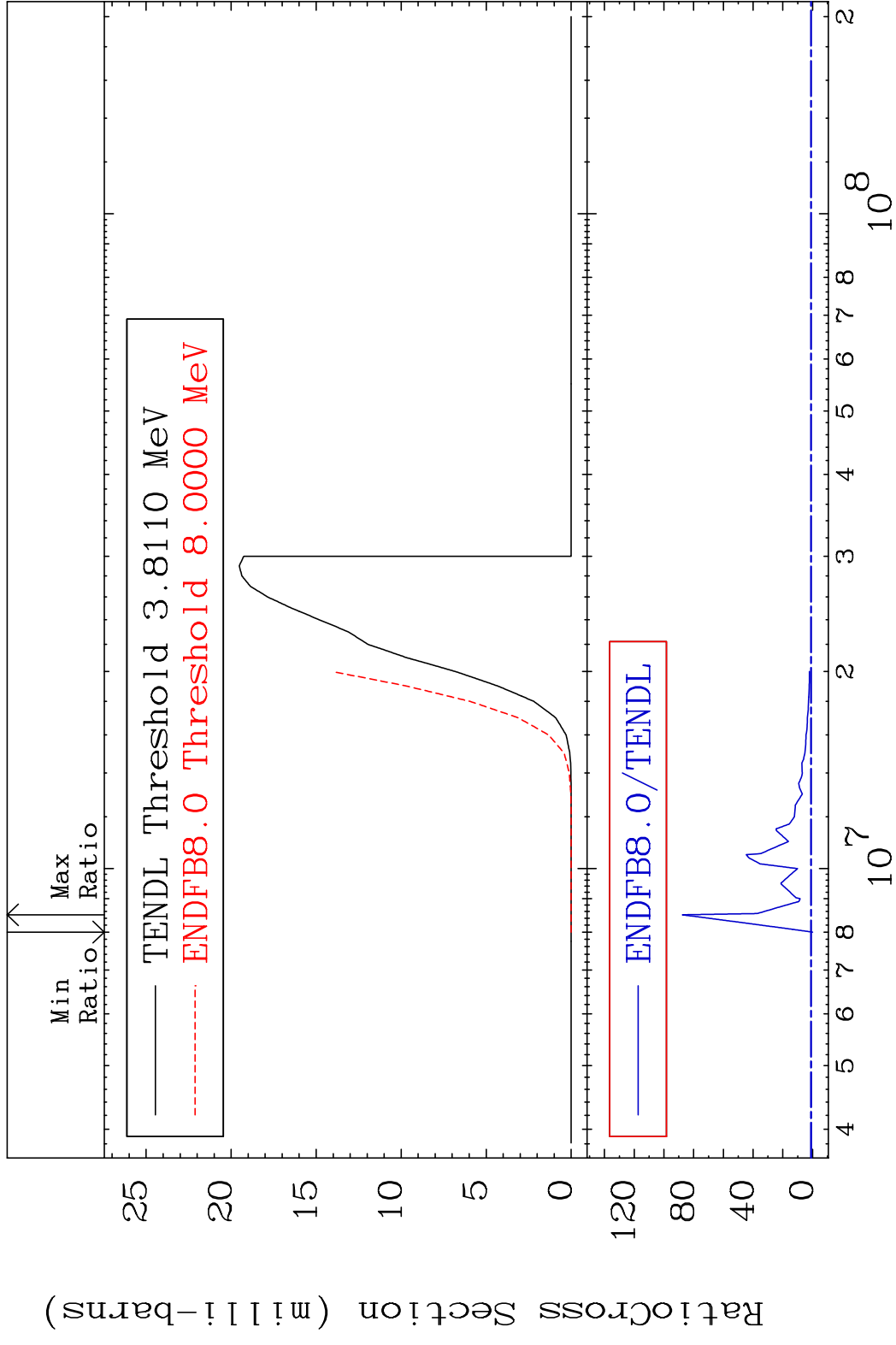


MAT 4737

(n, n') α

47-Ag-111

Cross Section -100.0 To 8661. %

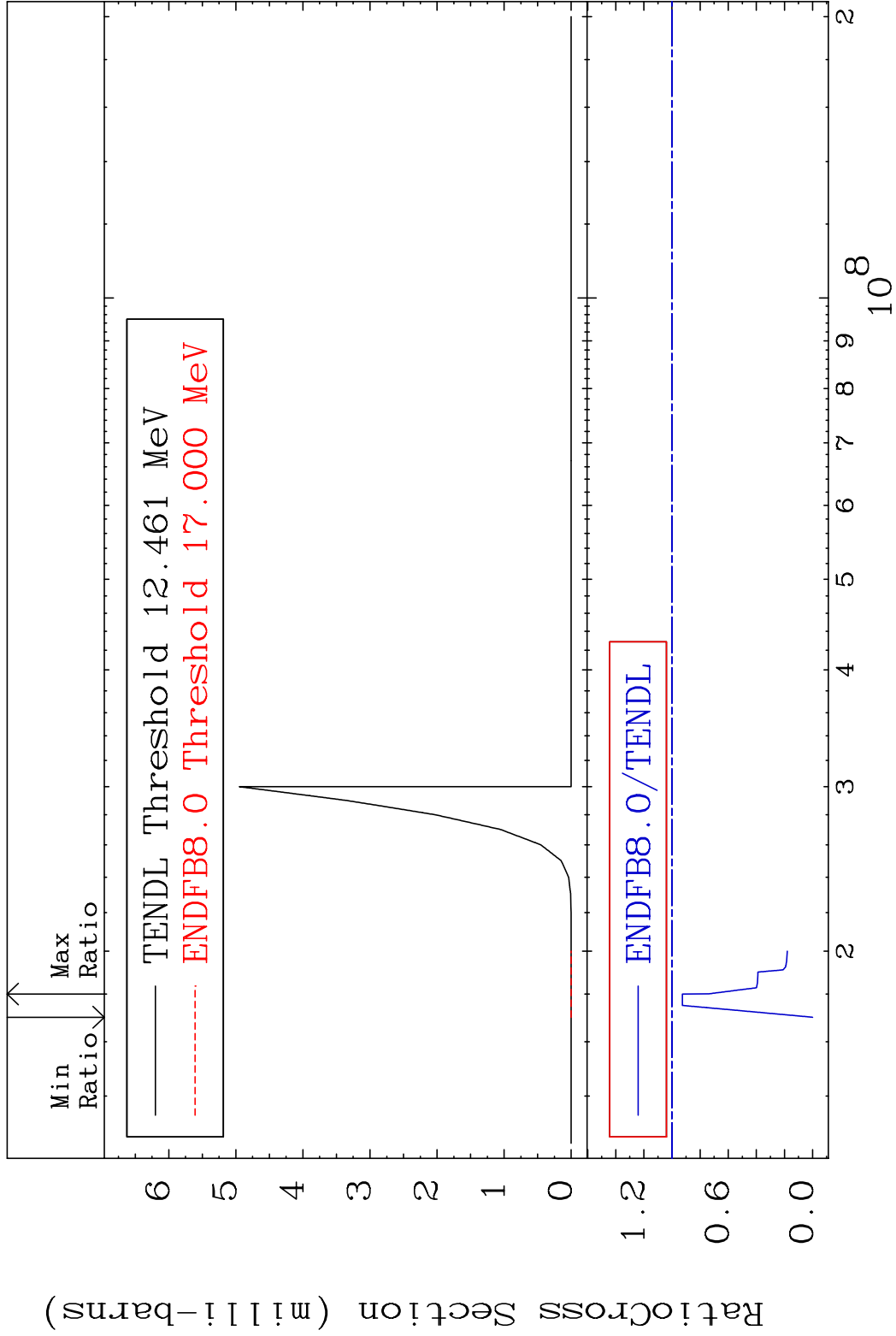


MAT 4737

(n,2n) α

47-Ag-111

Cross Section -100.0 To -7.373%

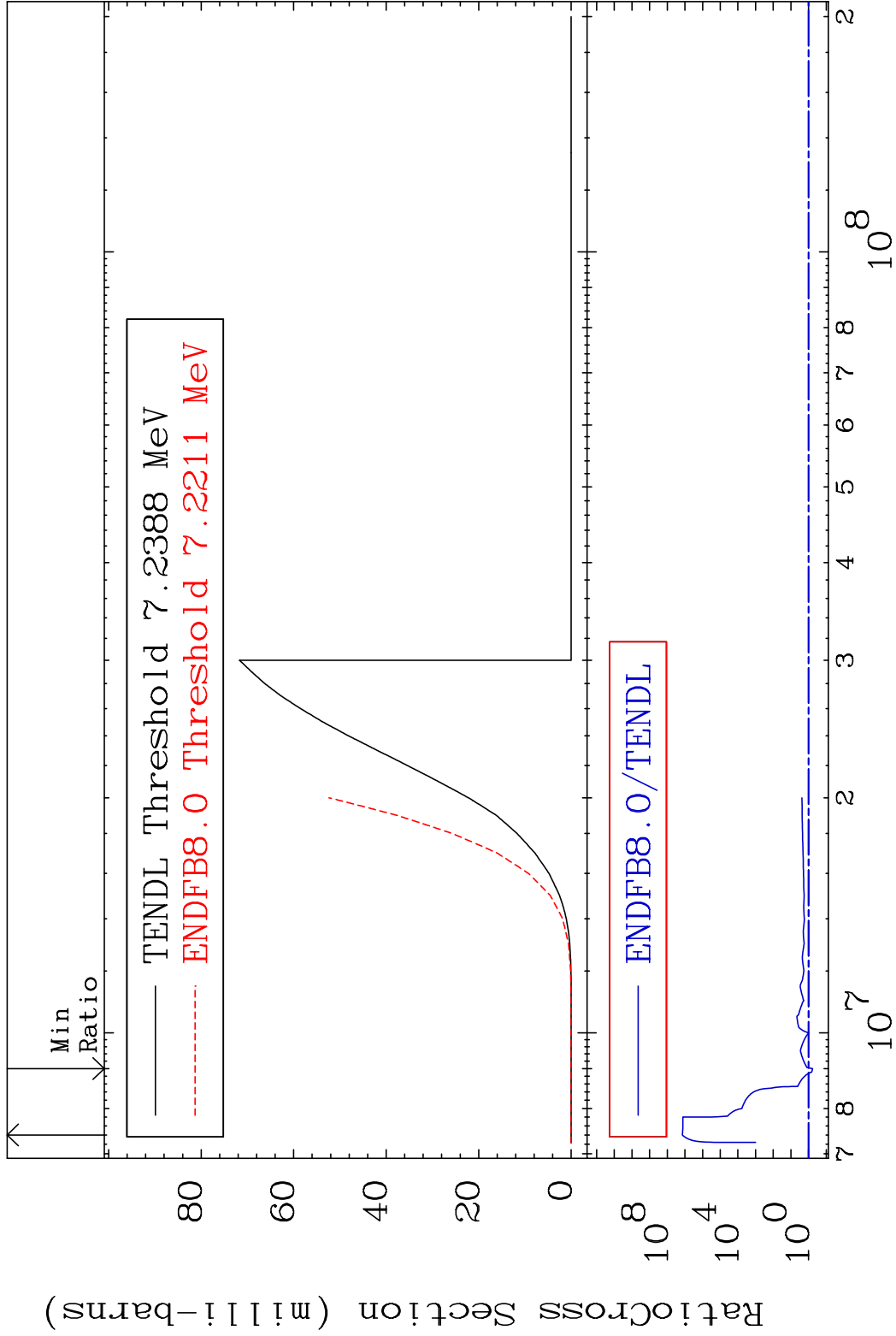


MAT 4737

(n, n') p

47-Ag-111

Cross Section -40.56 To 9999. %



8

Incident Energy (eV)

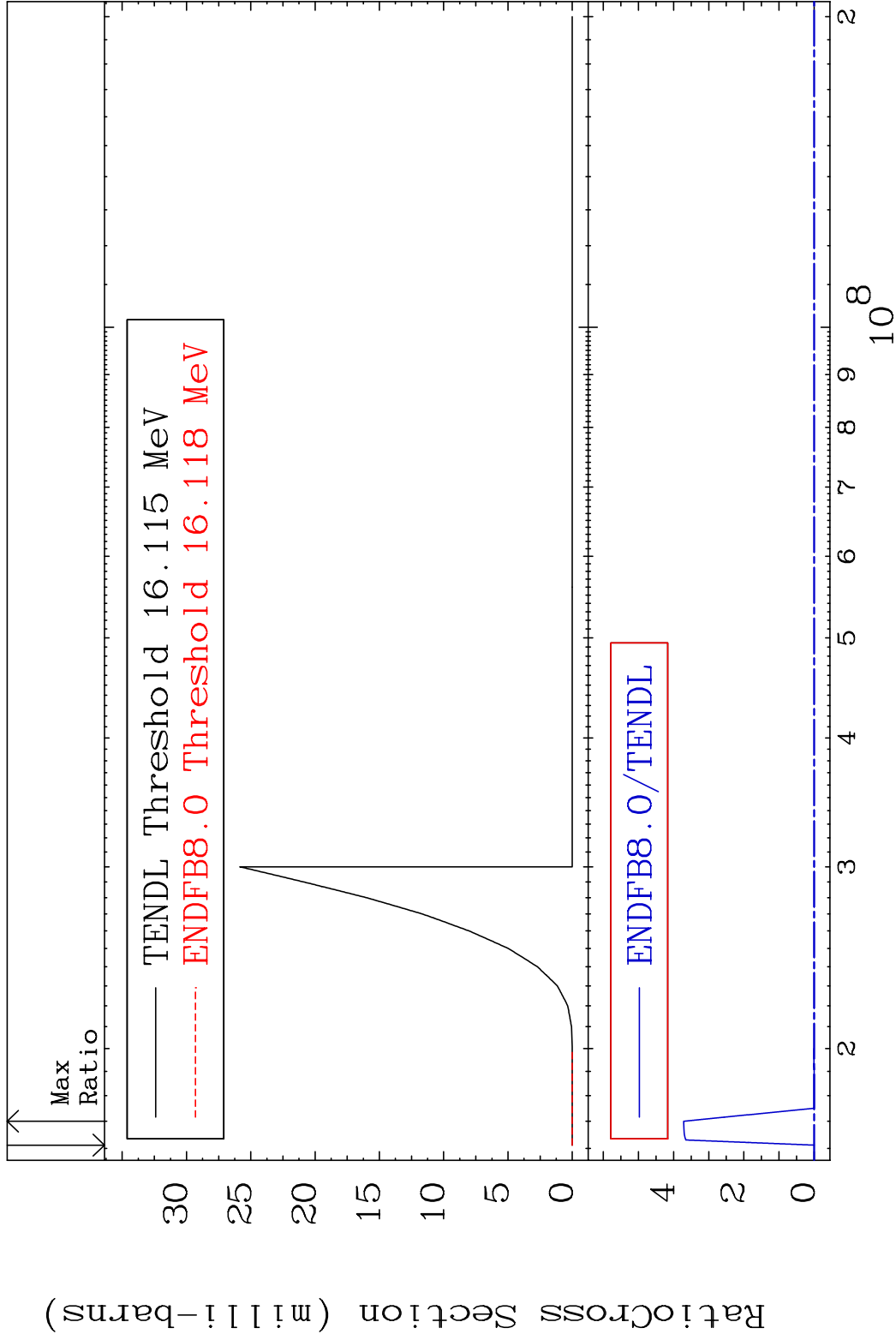
47-Ag-111

MAT 4737

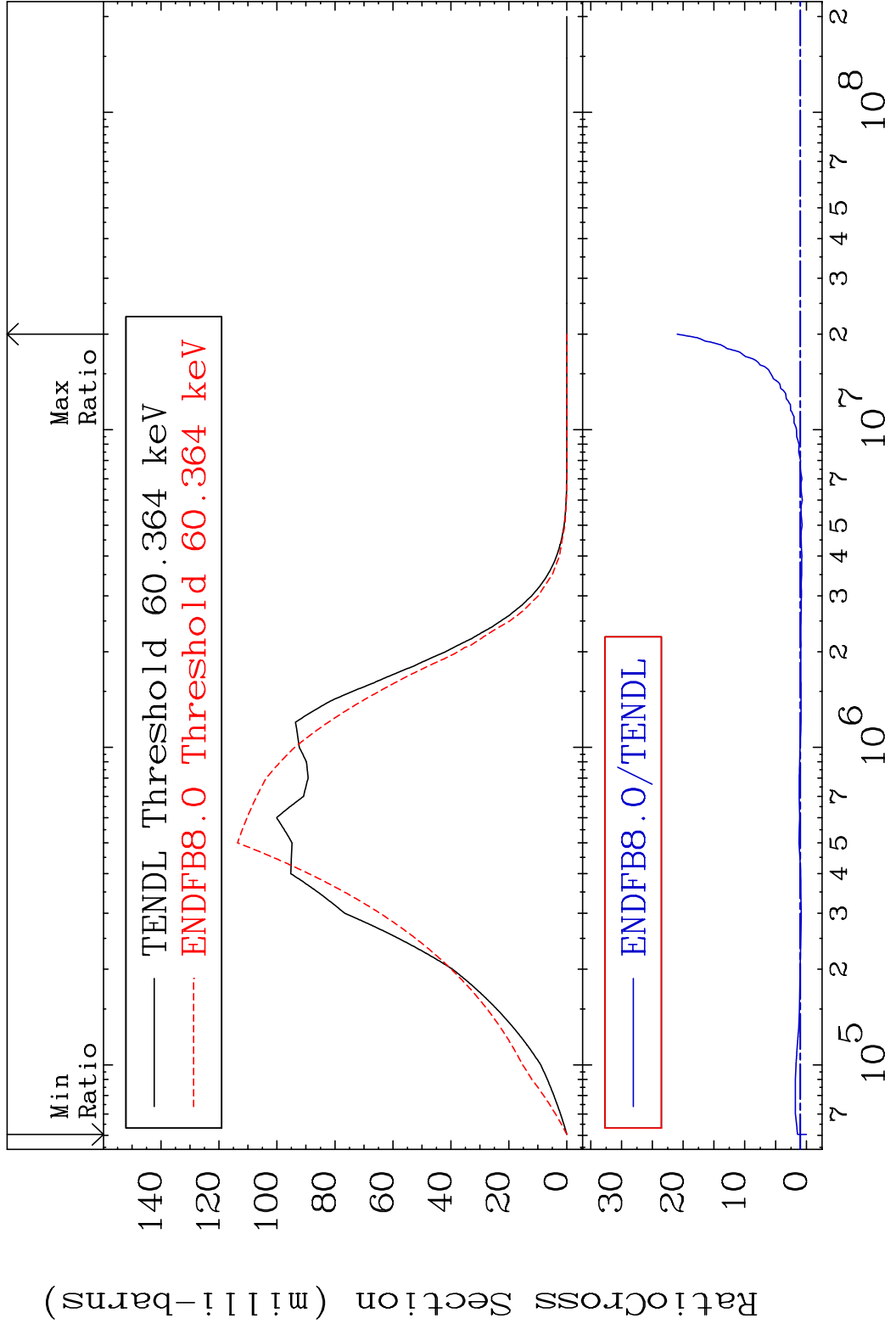
(n,2n) p

47-Ag-111

Cross Section -100.0 To 9999. %

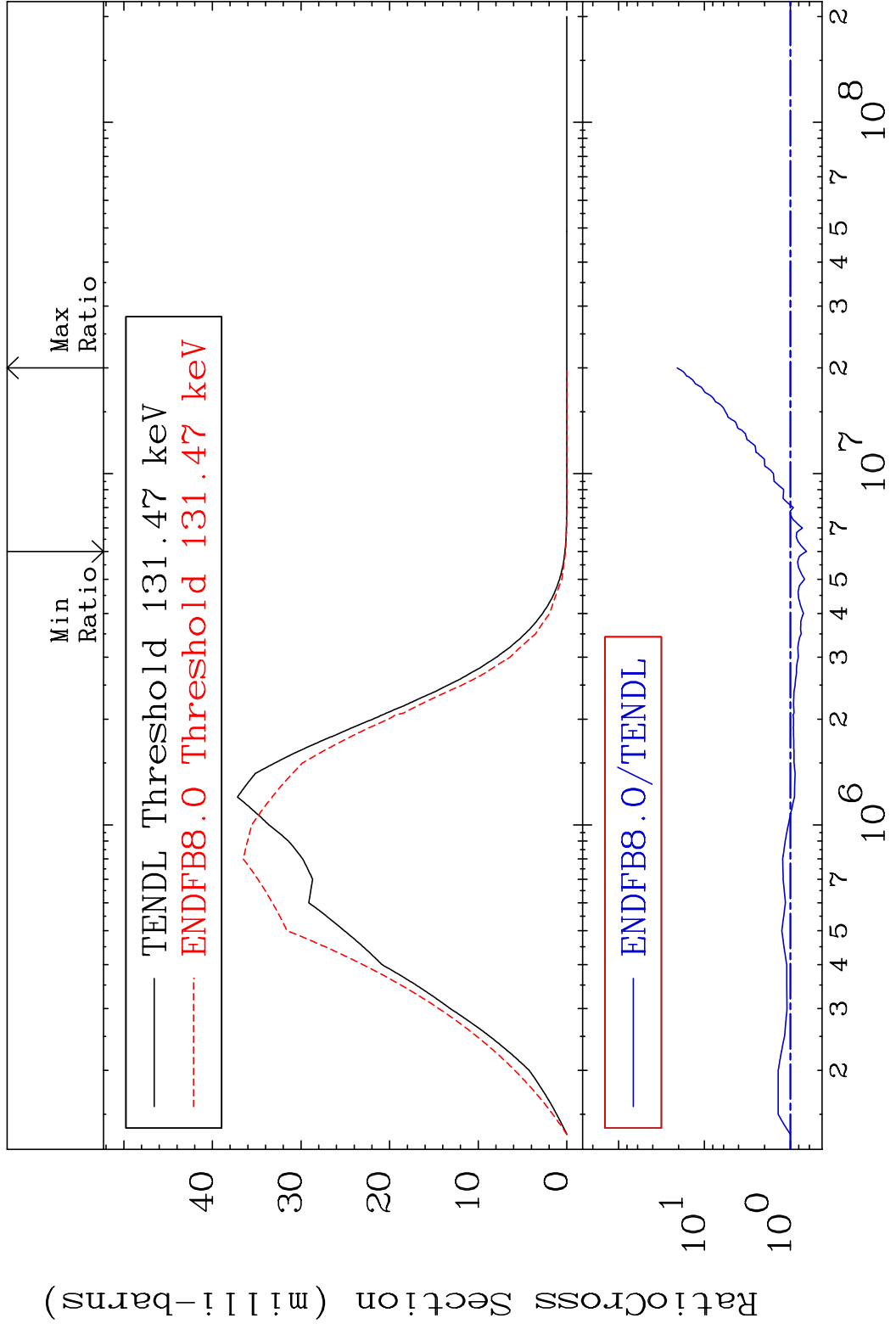


MAT 4737 MT= 51 (n,n') Level 47-Ag-111
 Cross Section -100.0 To 1996. %

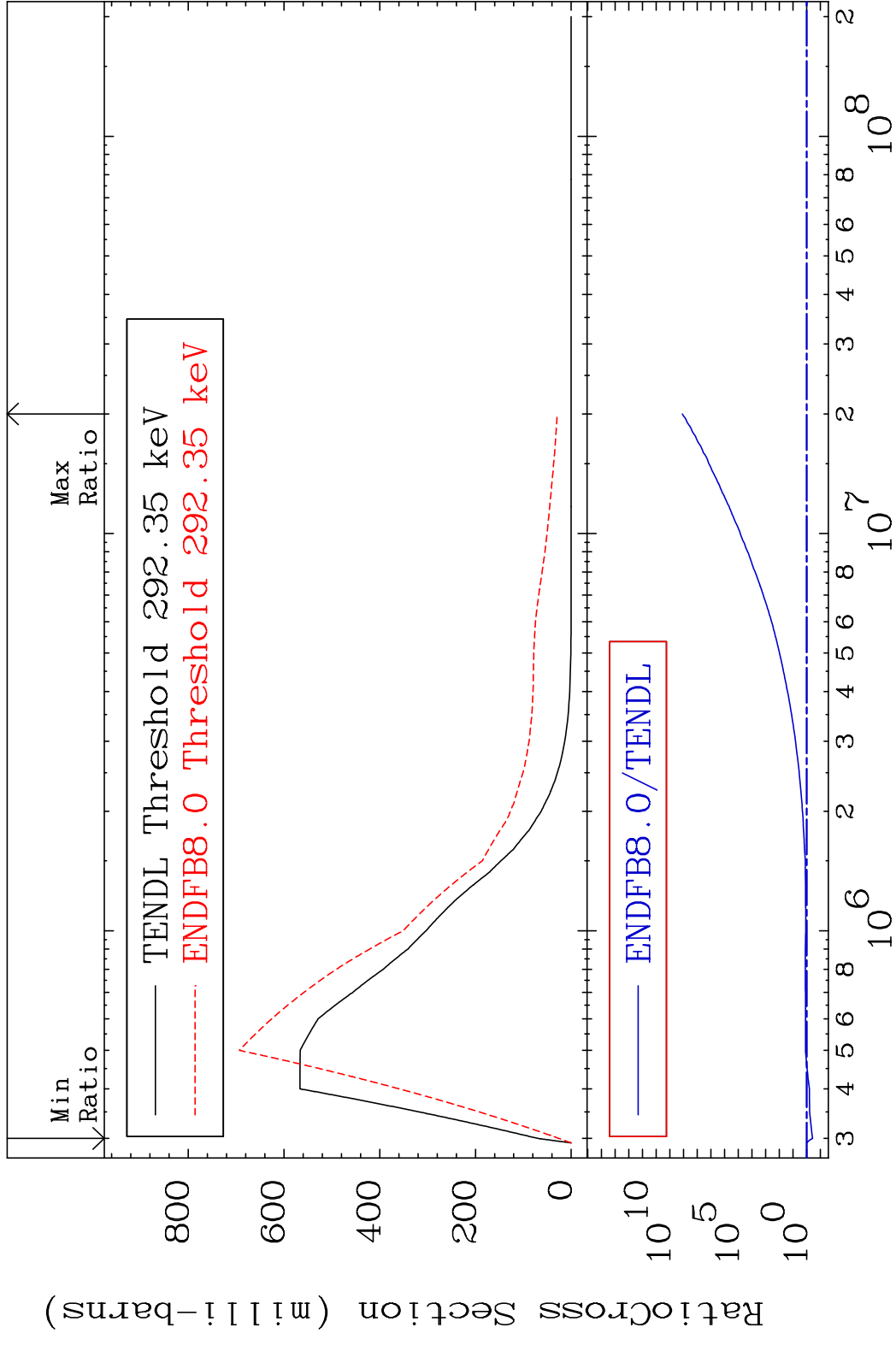


10 Incident Energy (eV) 47-Ag-111

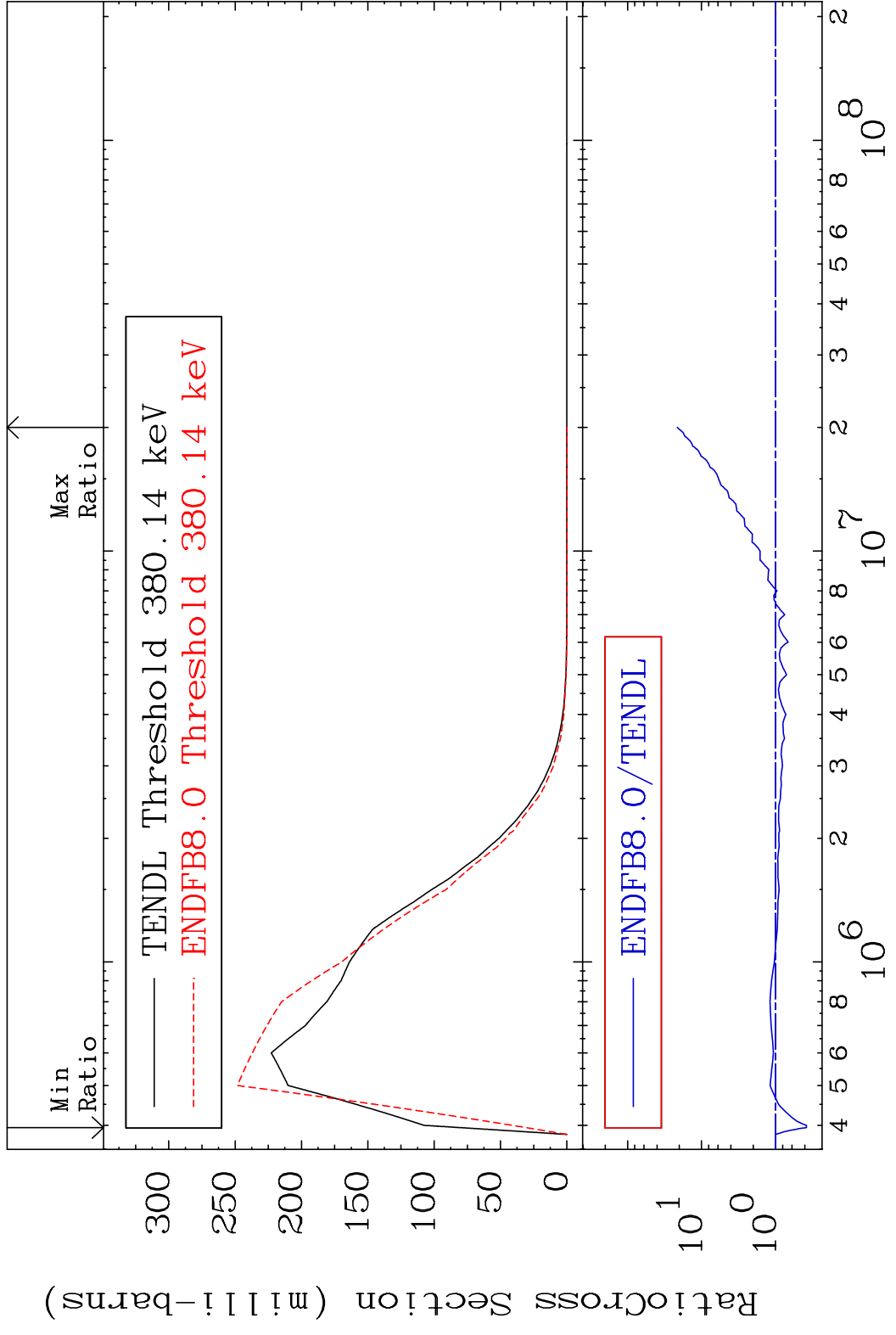
MAT 4737 MT= 52 (n, n') Level 47-Ag-111
 Cross Section -34.95 To 1977. %



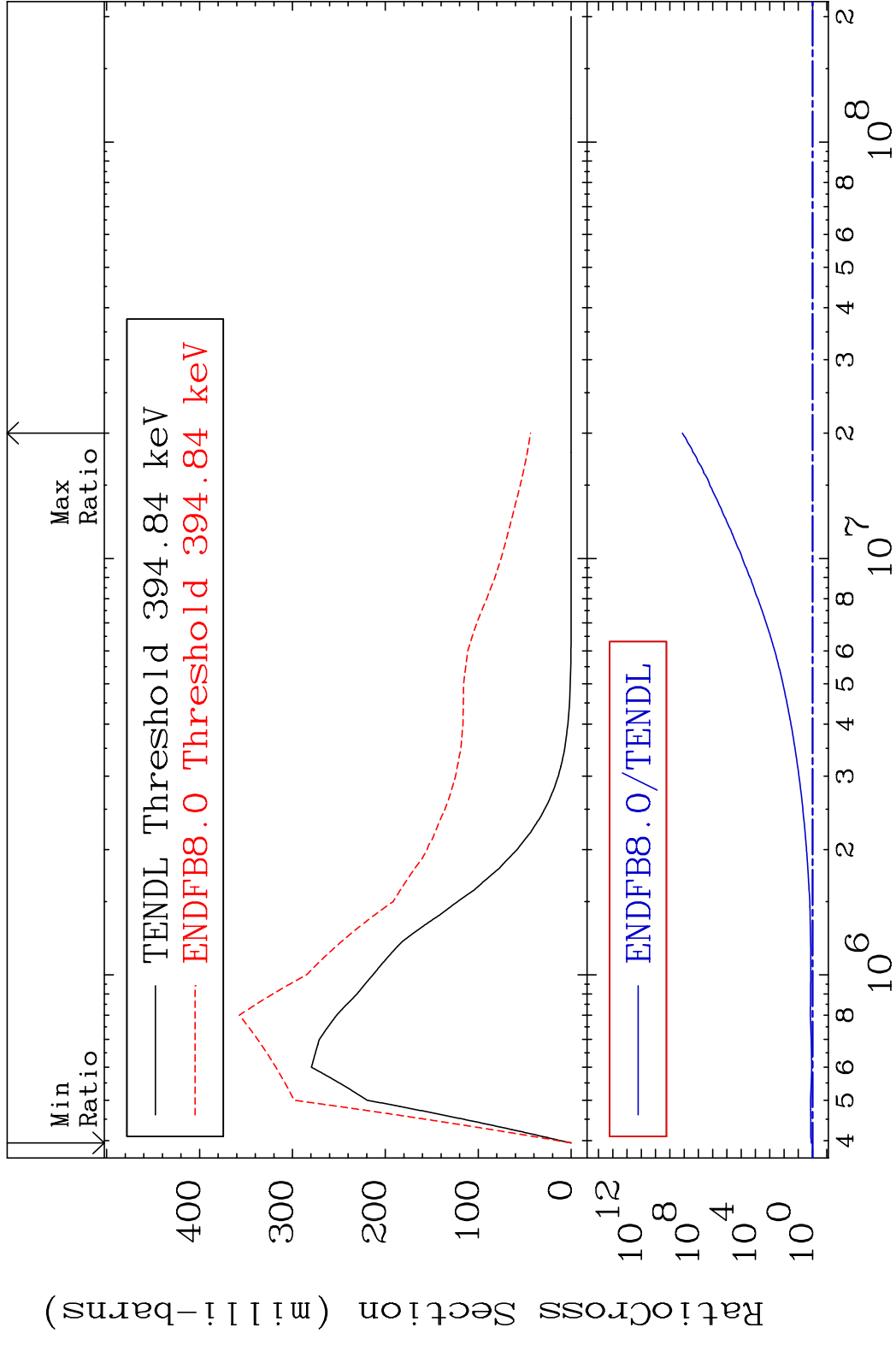
MAT 4737 MT= 53 (n, n') Level 47-Ag-111
 Cross Section -63.12 To 9999. %



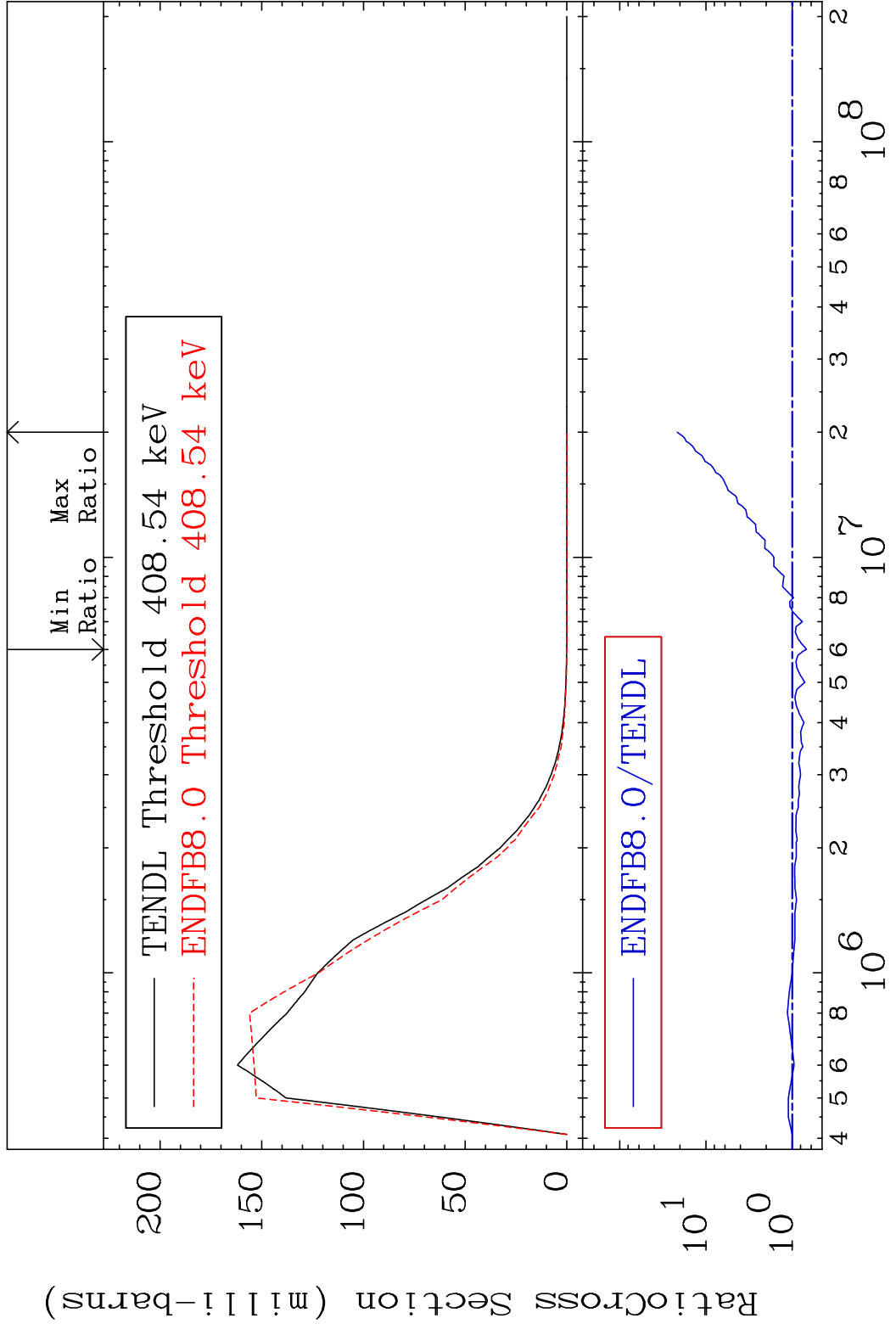
MAT 4737 MT= 54 (n, n') Level 47-Ag-111
 Cross Section -61.80 To 2034. %



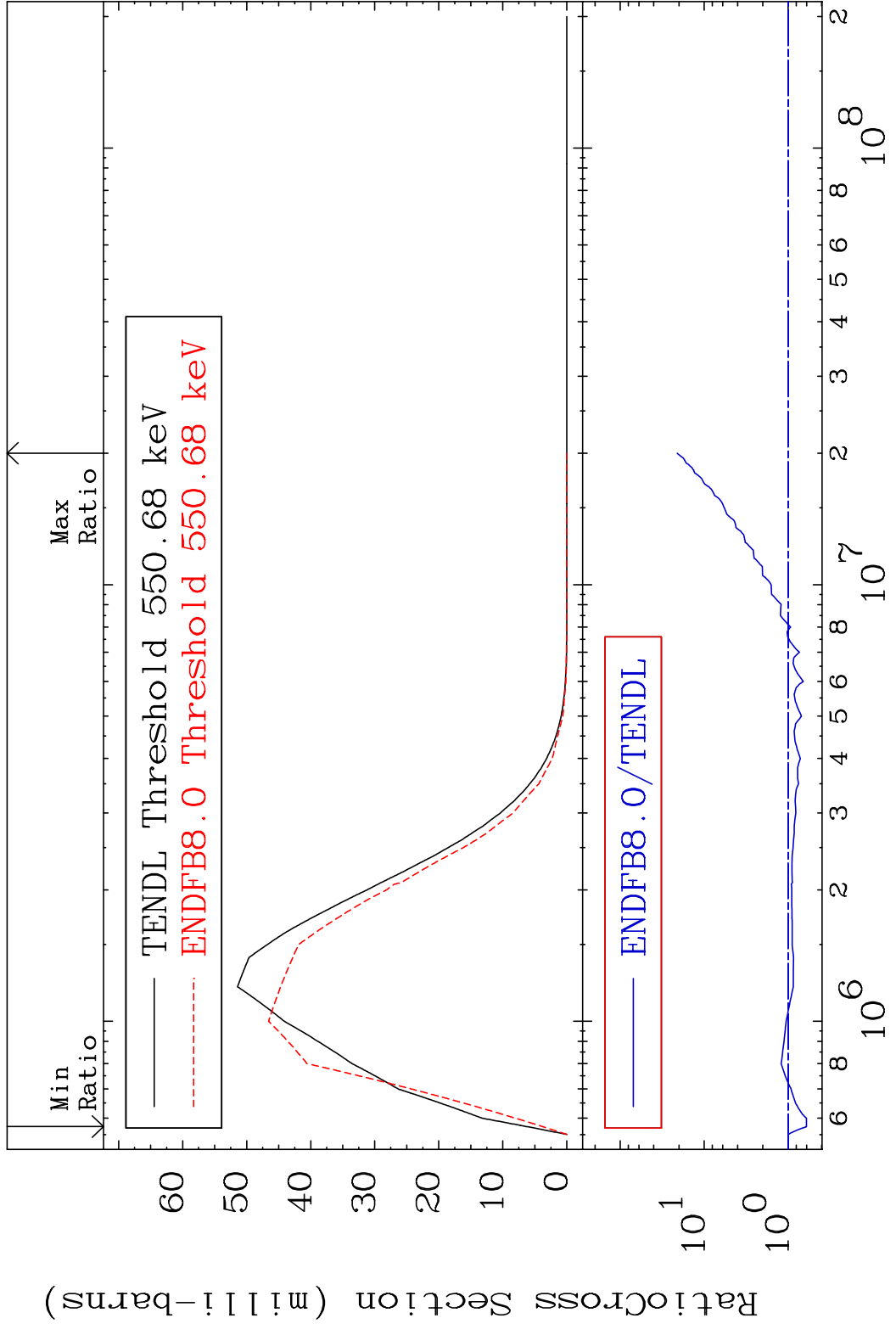
MAT 4737 MT= 55 (n,n') Level 47-Ag-111
 Cross Section 0.000 To 9999. %



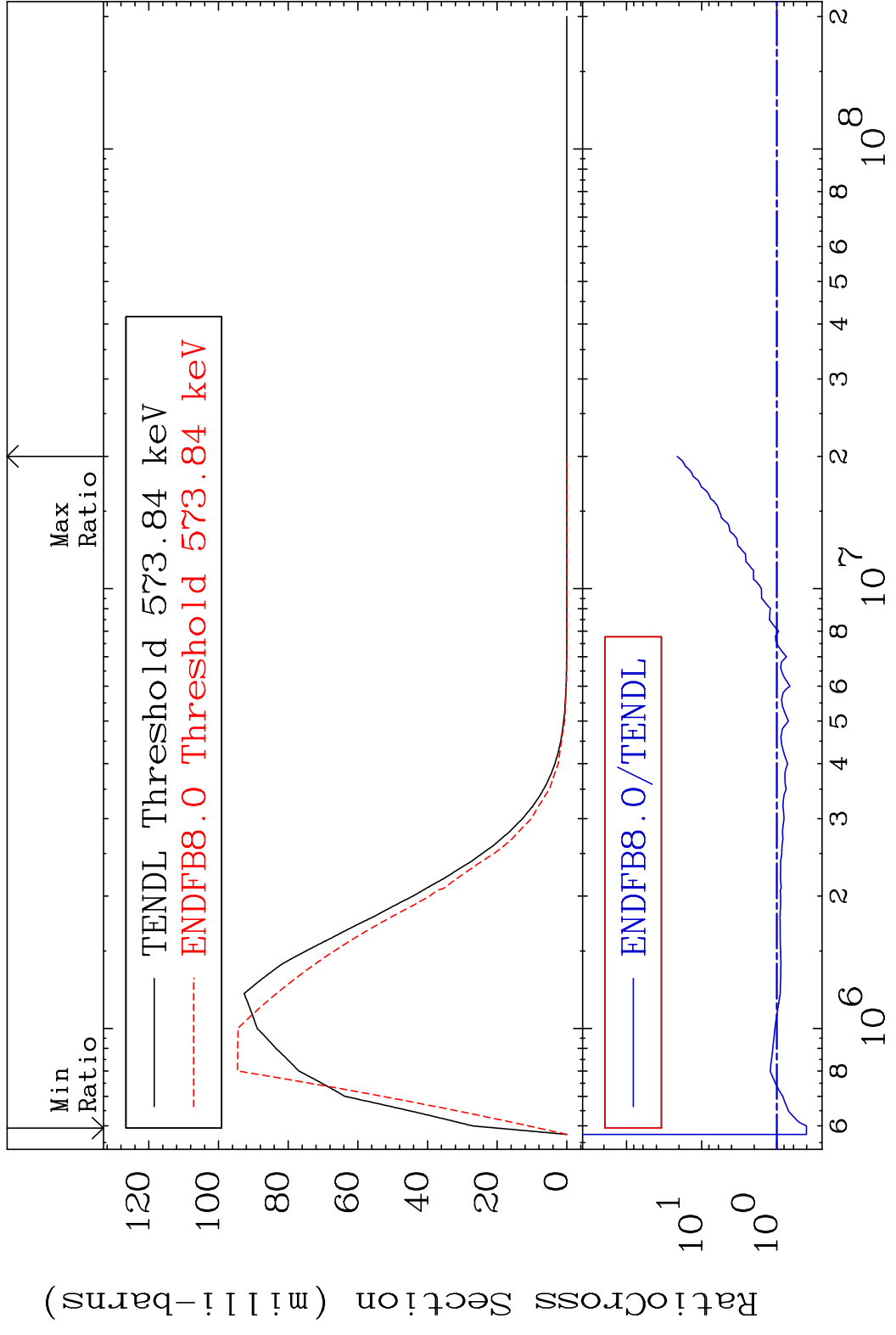
MAT 4737 MT= 56 (n, n') Level 47-Ag-111
 Cross Section -31.67 To 2057. %



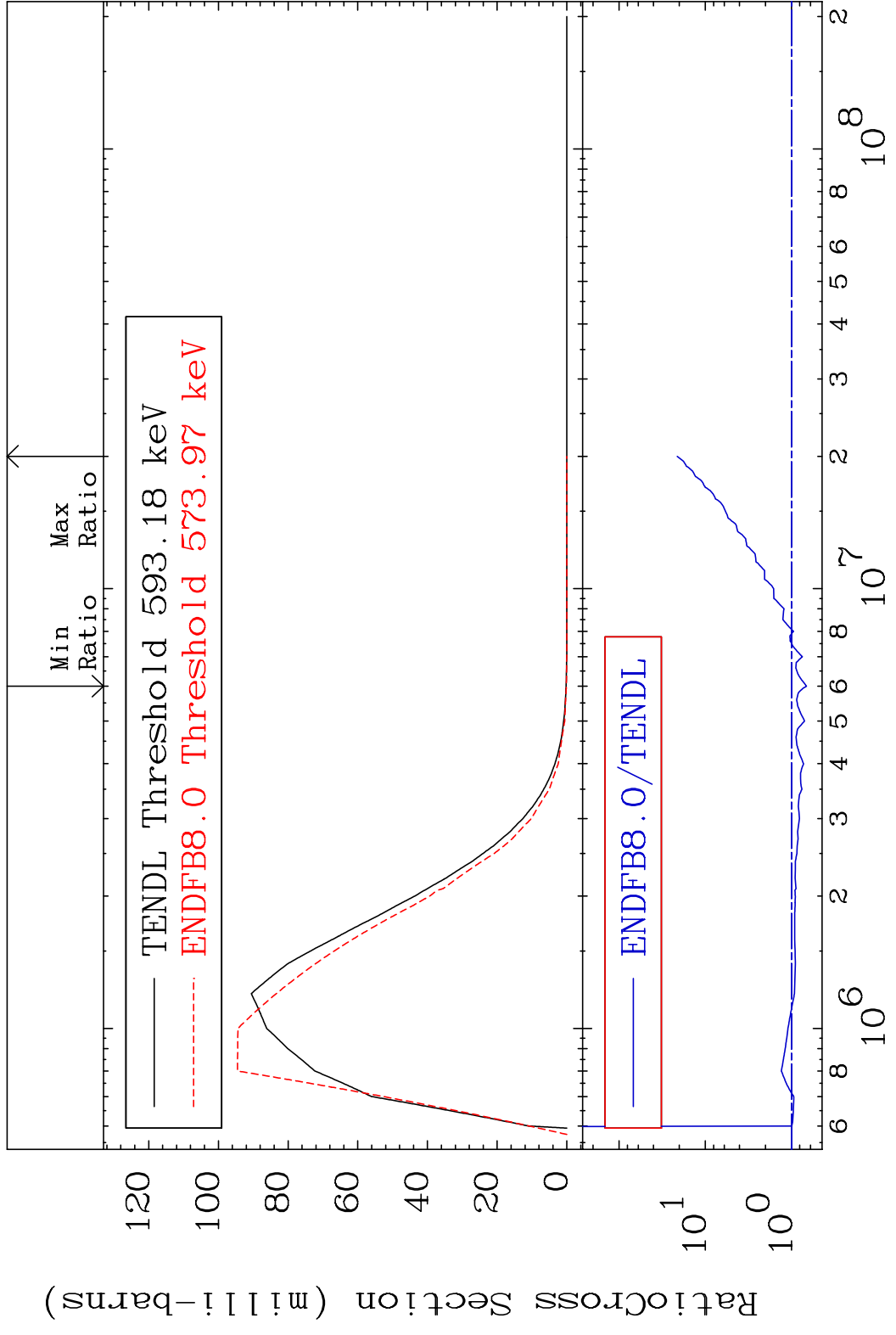
MAT 4737 MT= 57 (n, n') Level 47-Ag-111
 Cross Section -39.42 To 1997. %



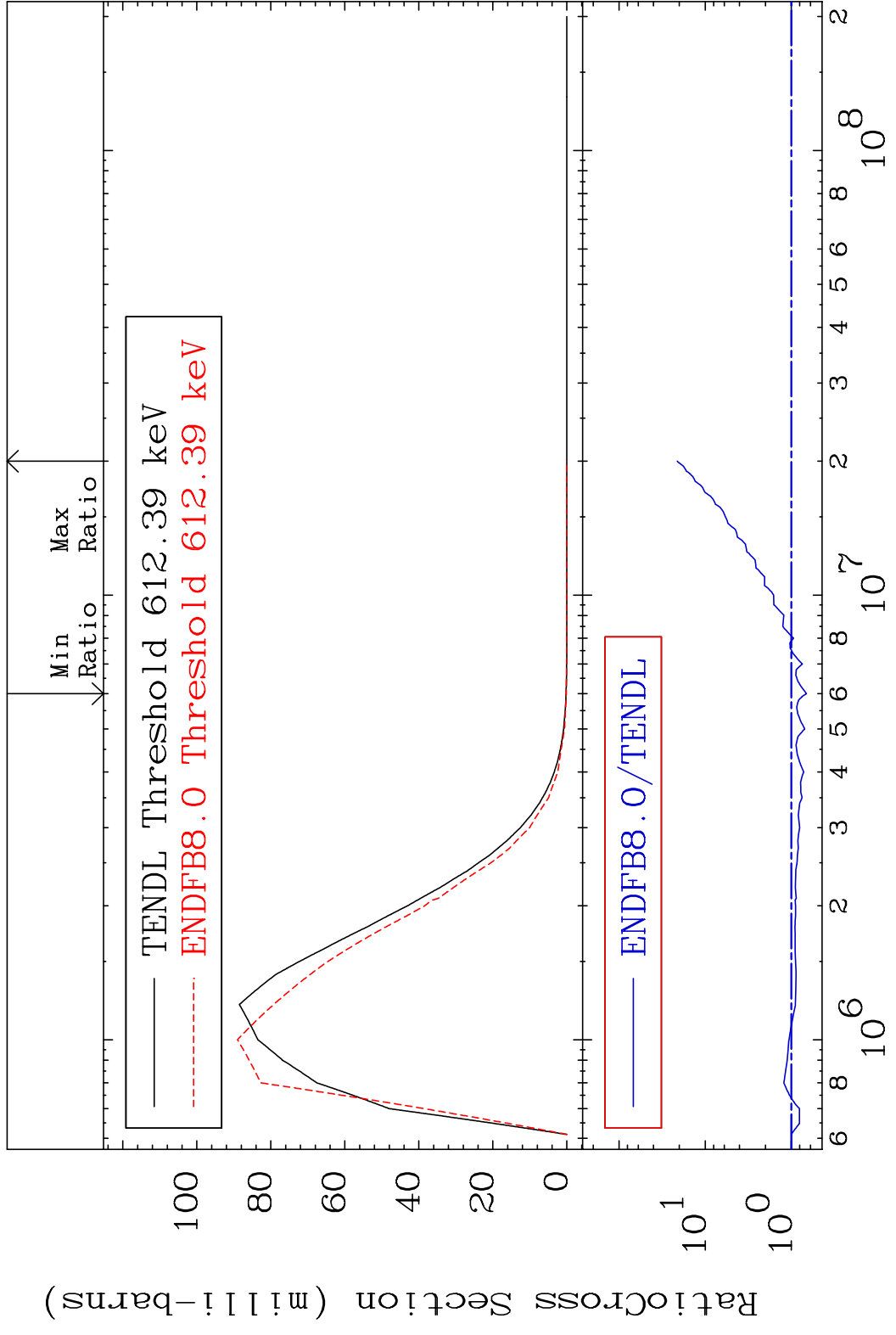
MAT 4737 MT= 58 (n, n') Level 47-Ag-111
 Cross Section -59.54 To 2015. %



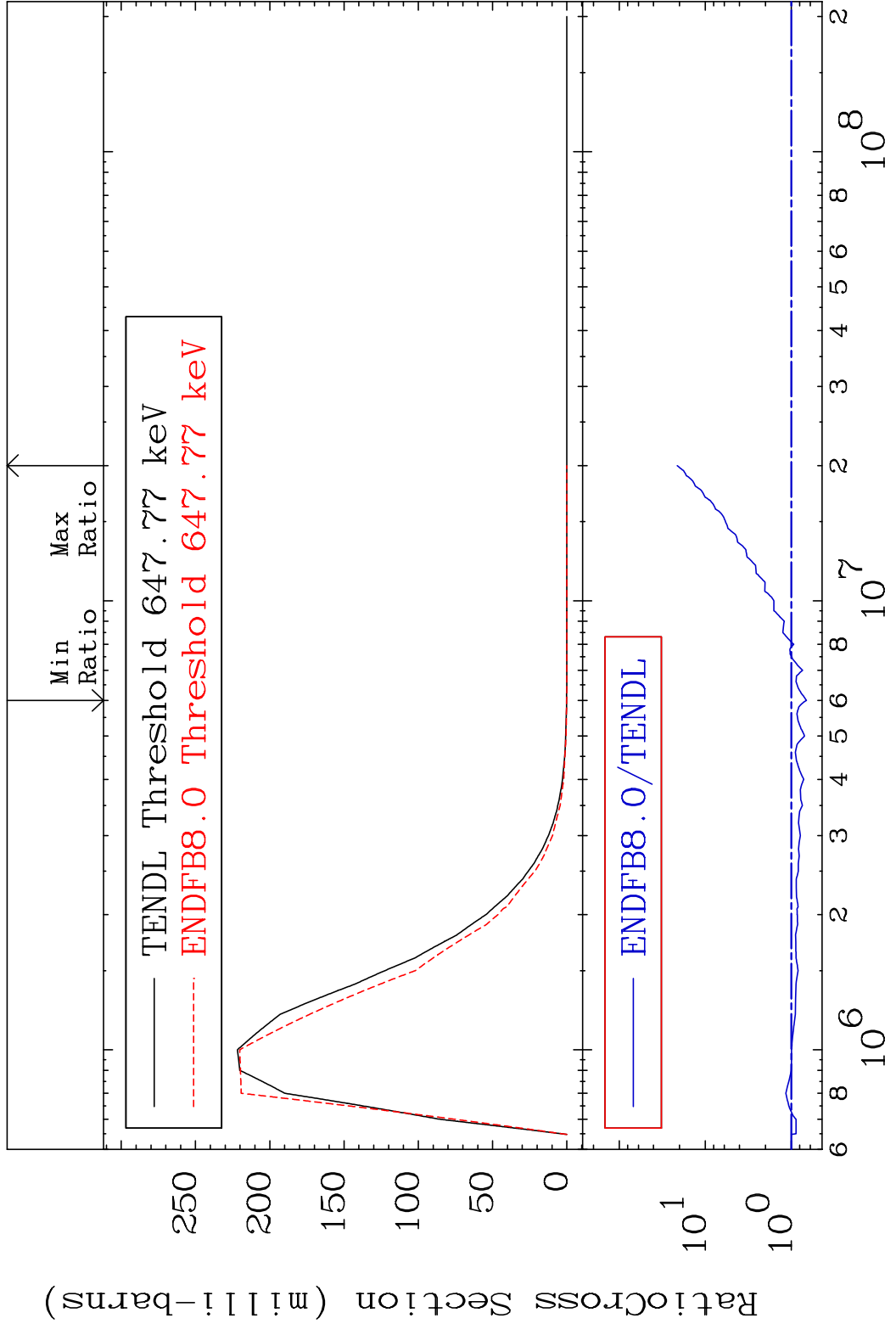
MAT 4737 MT= 59 (n, n') Level 47-Ag-111
 Cross Section -32.98 To 2016. %



MAT 4737 MT= 60 (n, n') Level 47-Ag-111
 Cross Section -33.16 To 2015. %

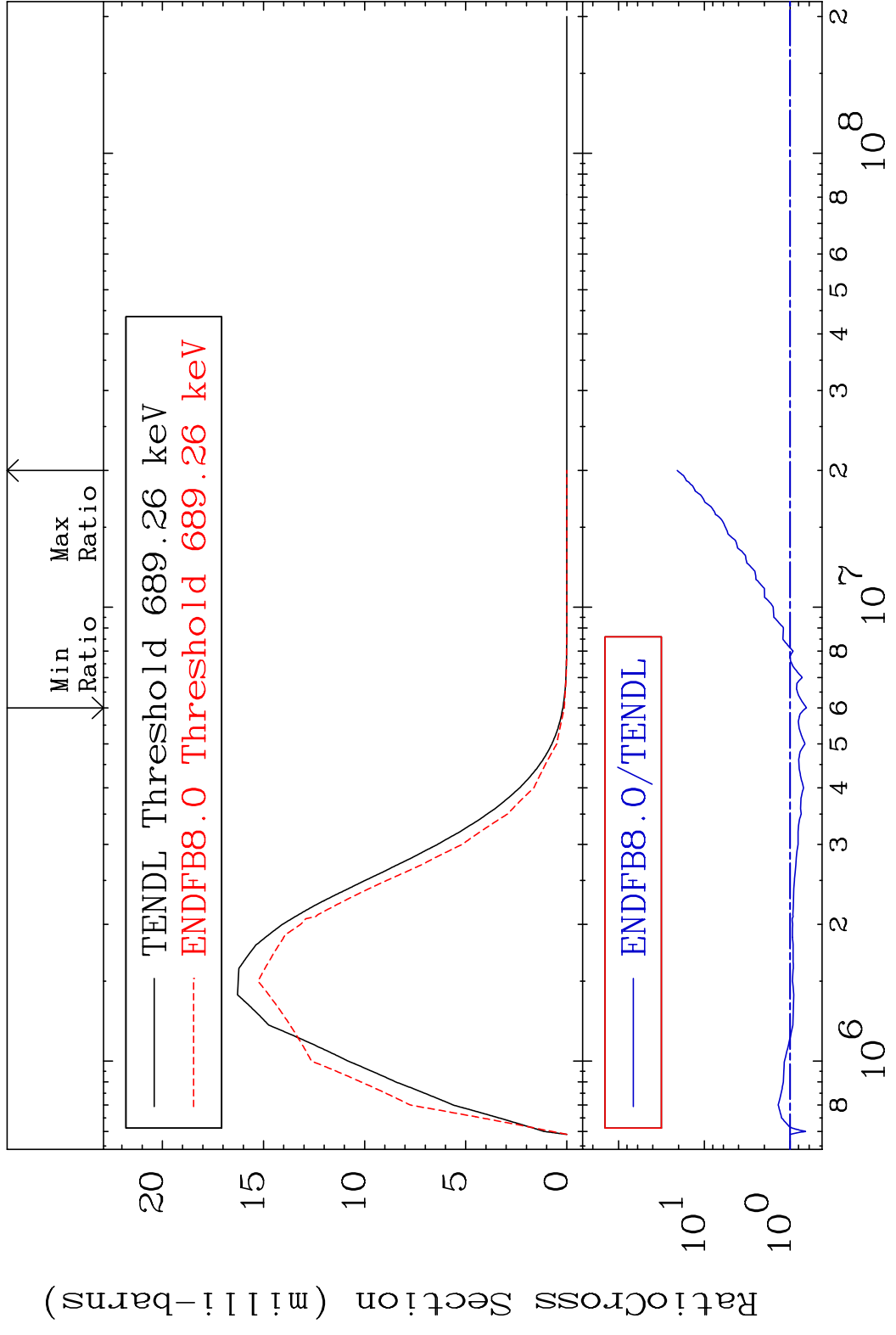


MAT 4737 MT= 61 (n, n') Level 47-Ag-111
 Cross Section -33.33 To 2024. %

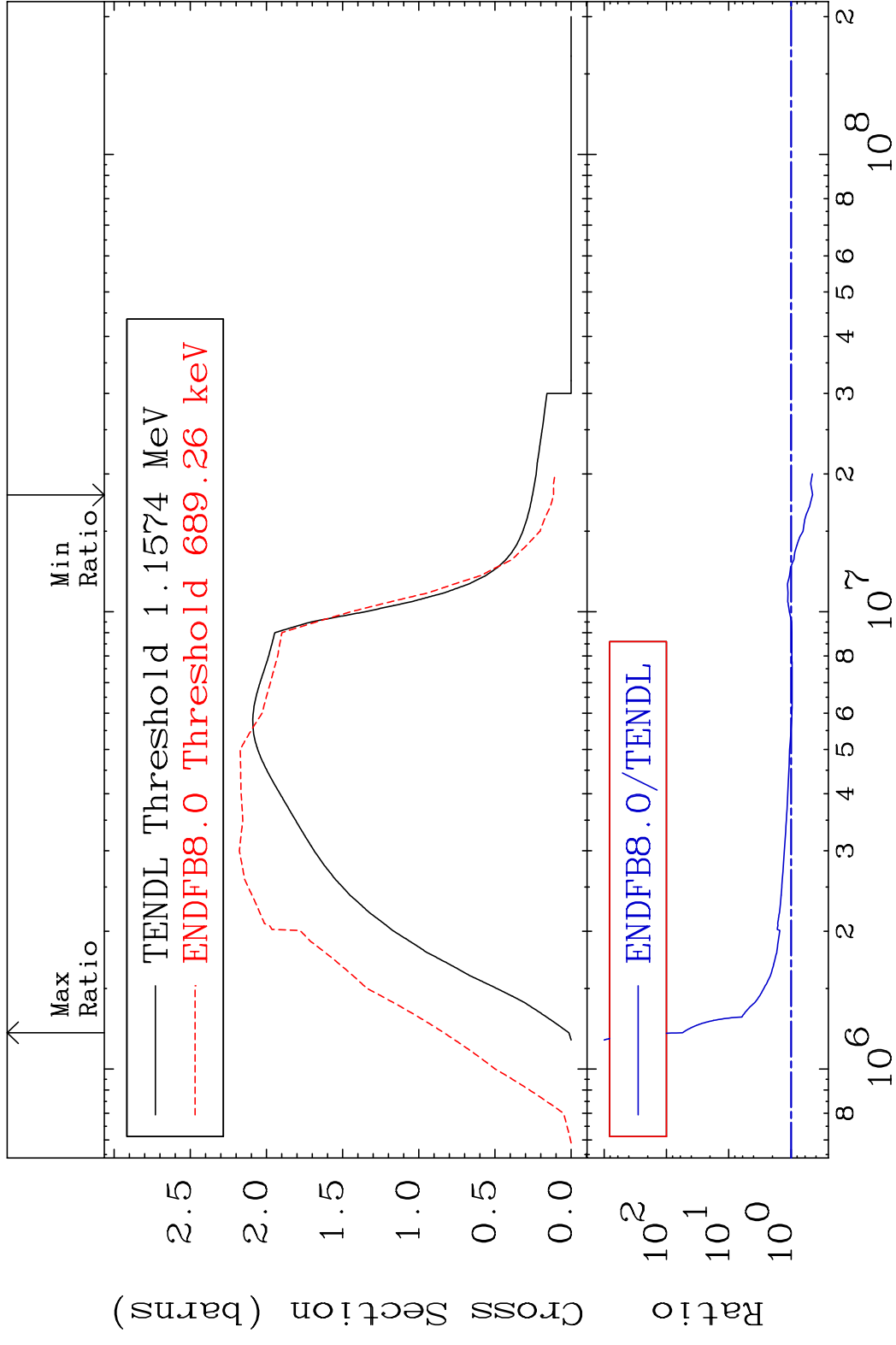


20 Incident Energy (eV) 47-Ag-111

MAT 4737 MT= 62 (n, n') Level 47-Ag-111
 Cross Section -35.32 To 1978. %



MAT 4737 (n,n') Continuum 47-Ag-111
 Cross Section -54.65 To 5454. %

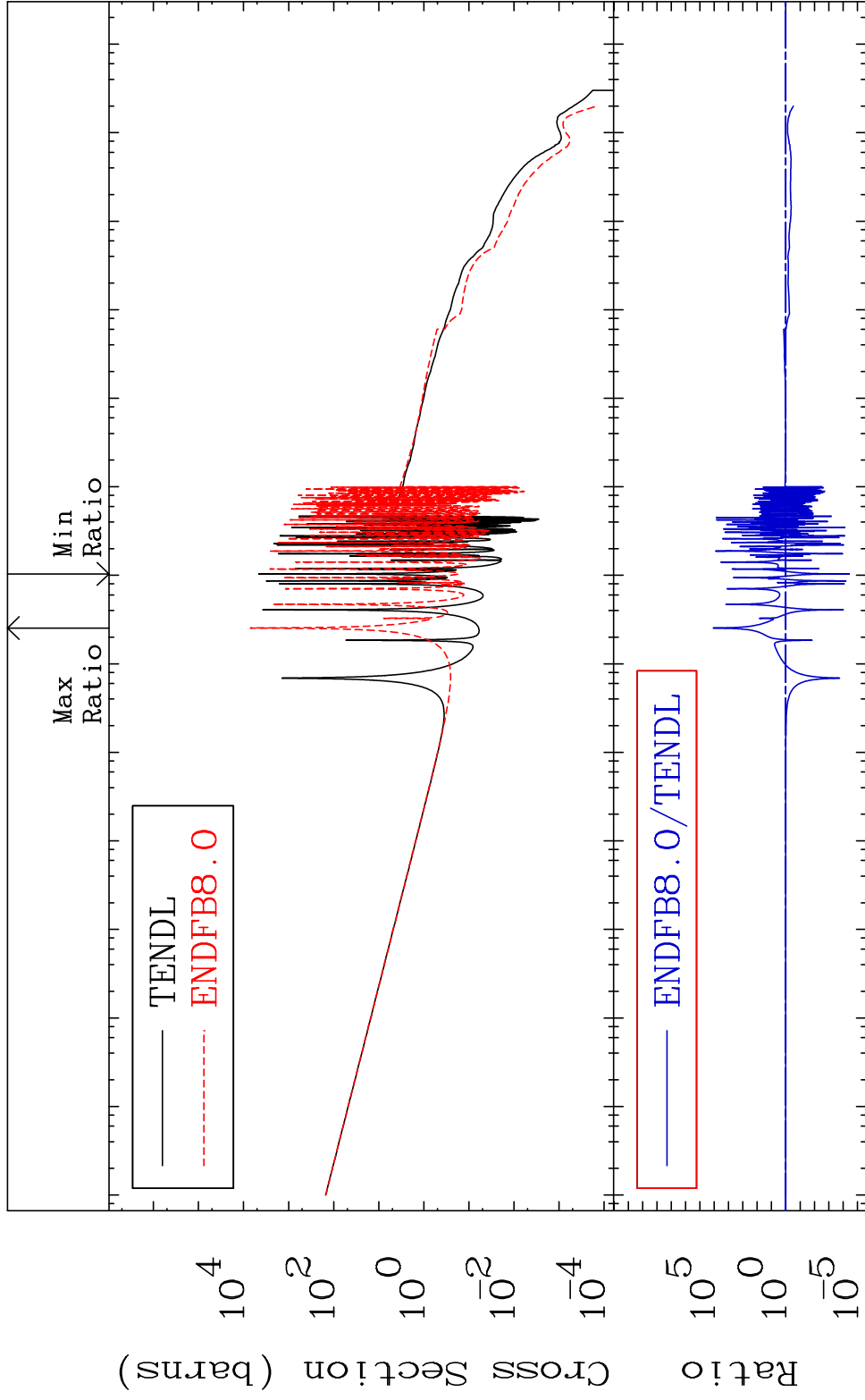


MAT 4737

(n, γ)

47-Ag-111

Cross Section -100.0 To 9999. %

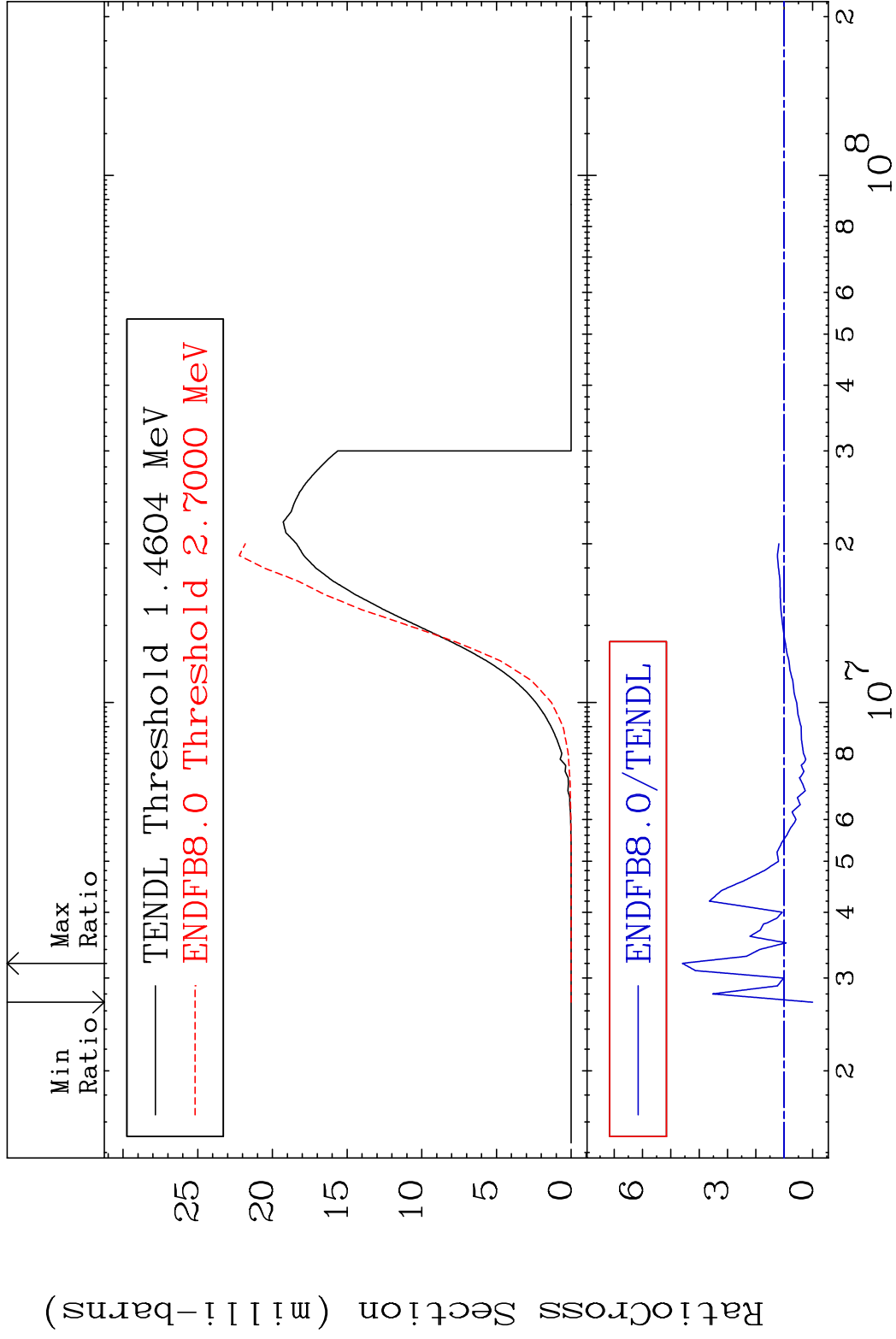


MAT 4737

(n,p)

47-Ag-111

Cross Section -100.0 To 359.3 %



24

Incident Energy (eV)

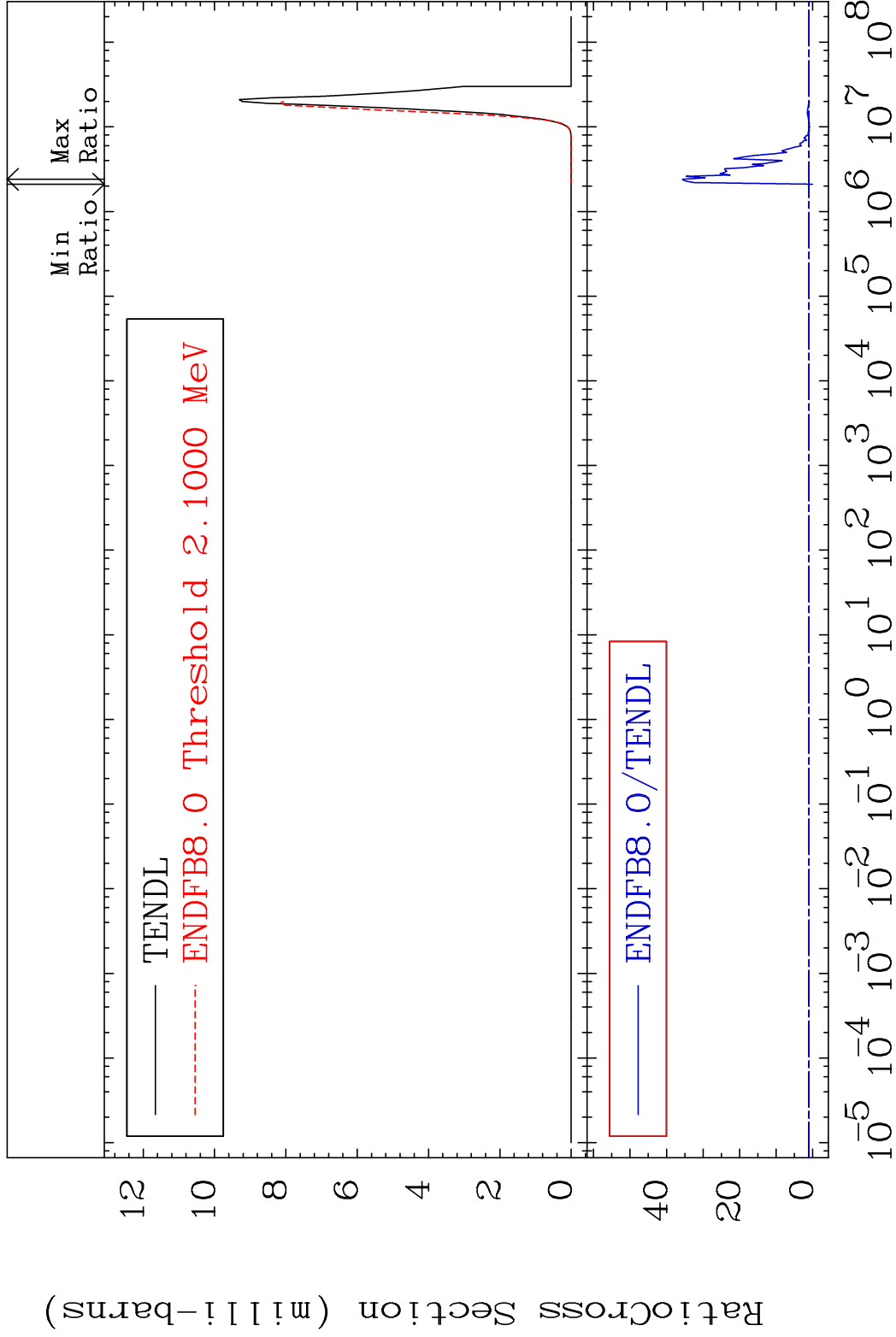
47-Ag-111

MAT 4737

(n, α)

47-Ag-111

Cross Section -100.0 To 3467. %



25

Incident Energy (eV)

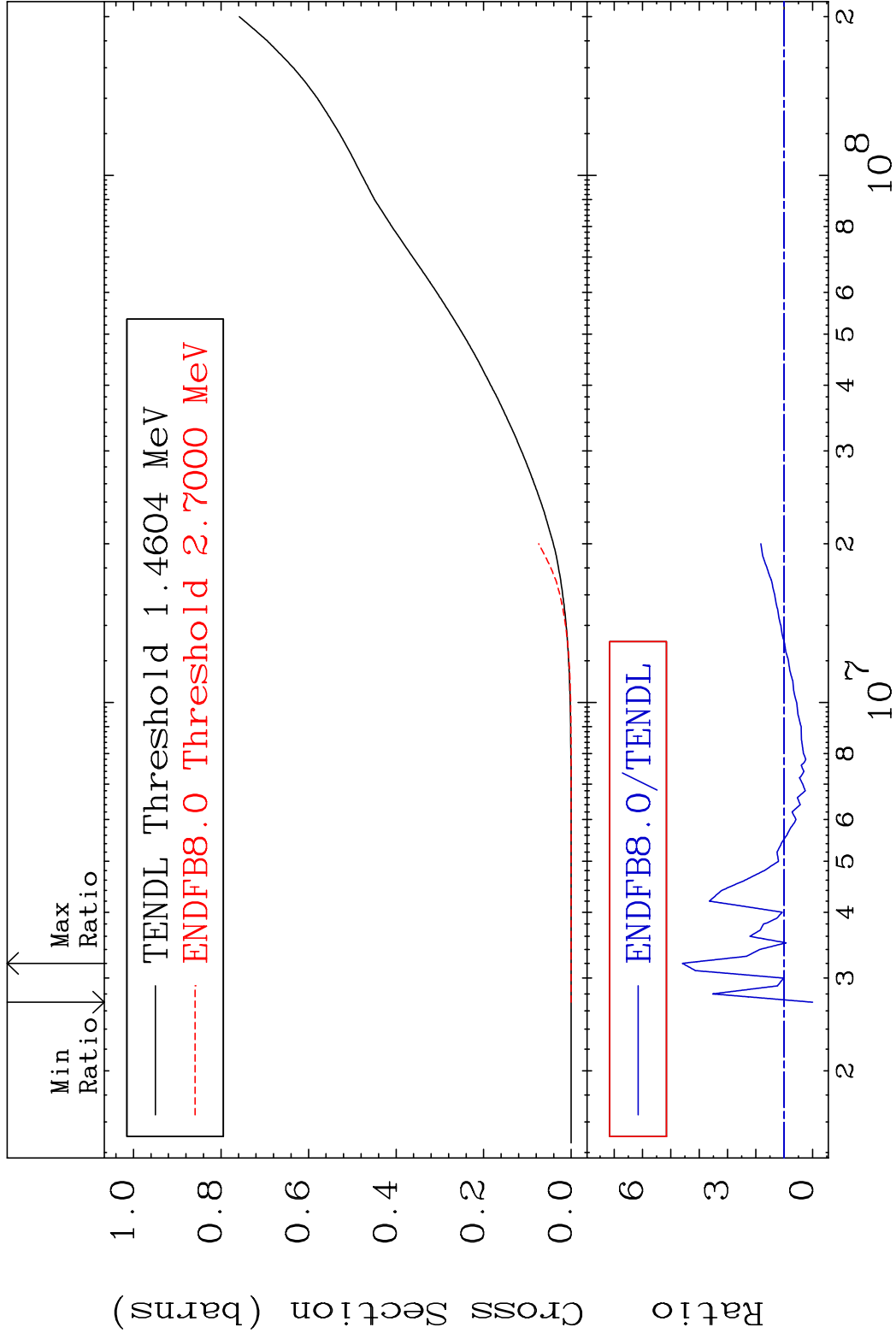
47-Ag-111

MAT 4737

Hydrogen Production

47-Ag-111

Cross Section -100.0 To 359.3 %



26

Incident Energy (eV)

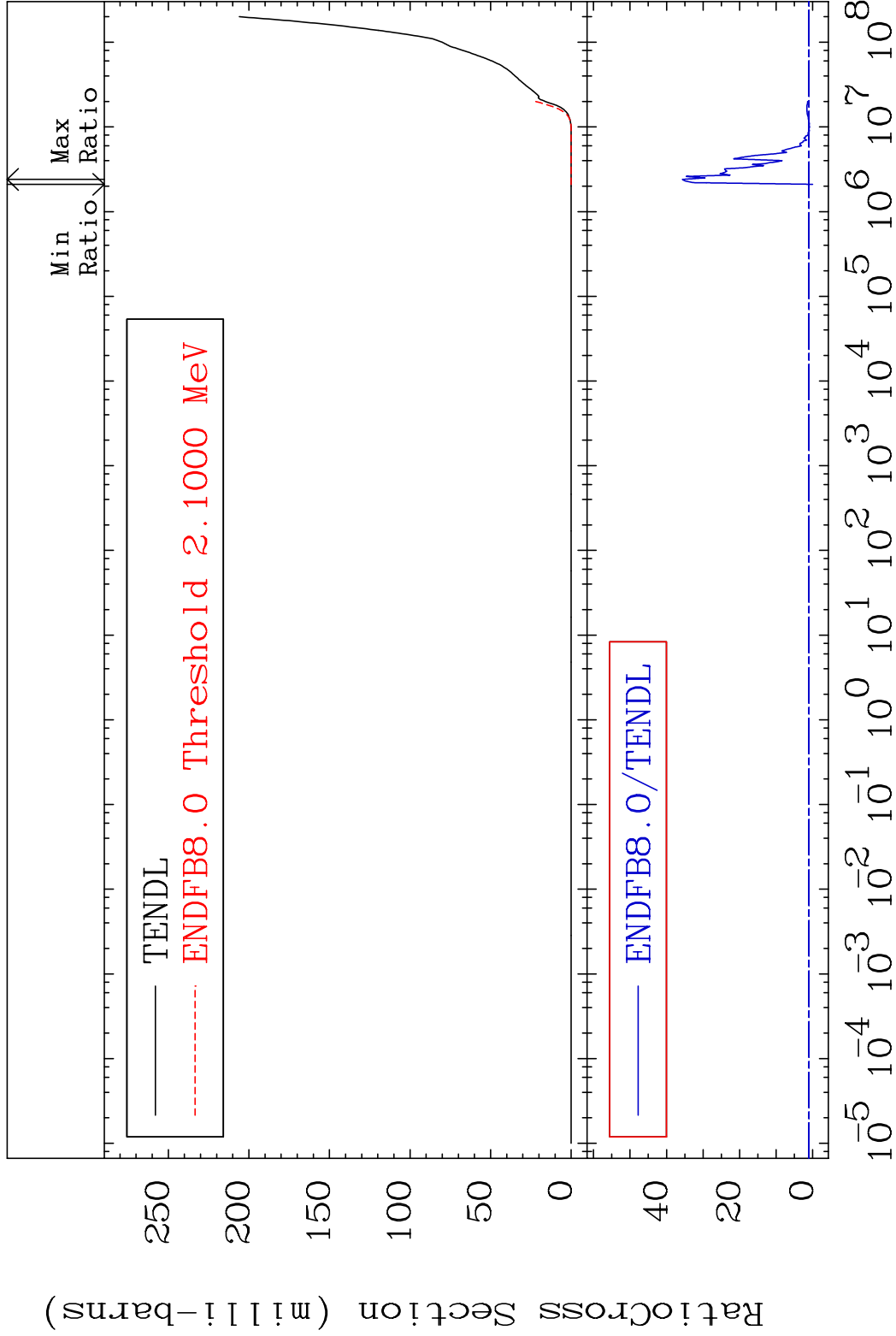
47-Ag-111

MAT 4737

He-4 Production

47-Ag-111

Cross Section -100.0 To 3467. %

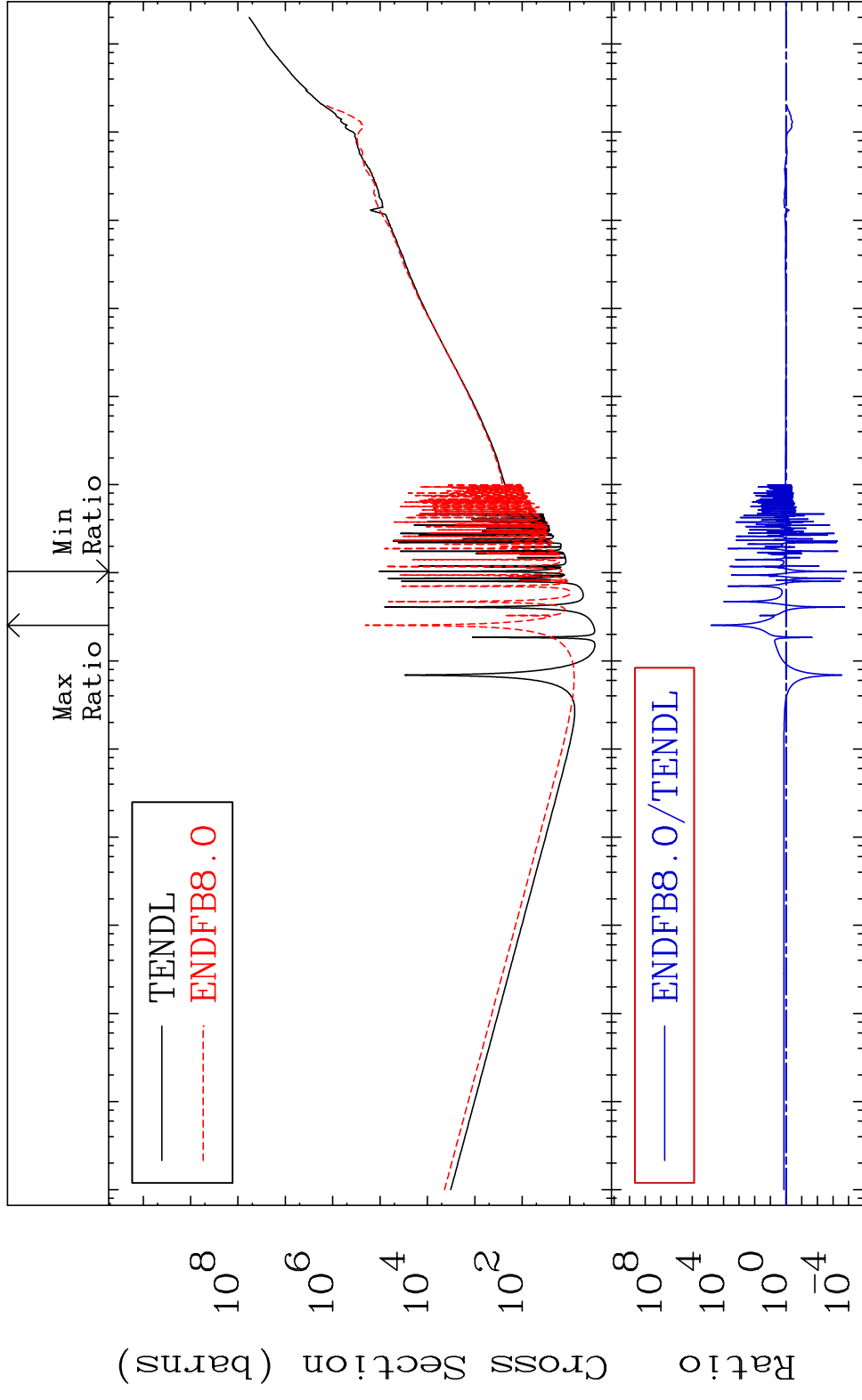


27

Incident Energy (eV)

47-Ag-111

MAT 4737 Kerma total (eV-barns) 47-Ag-111
 Cross Section -99.99 To 9999. %

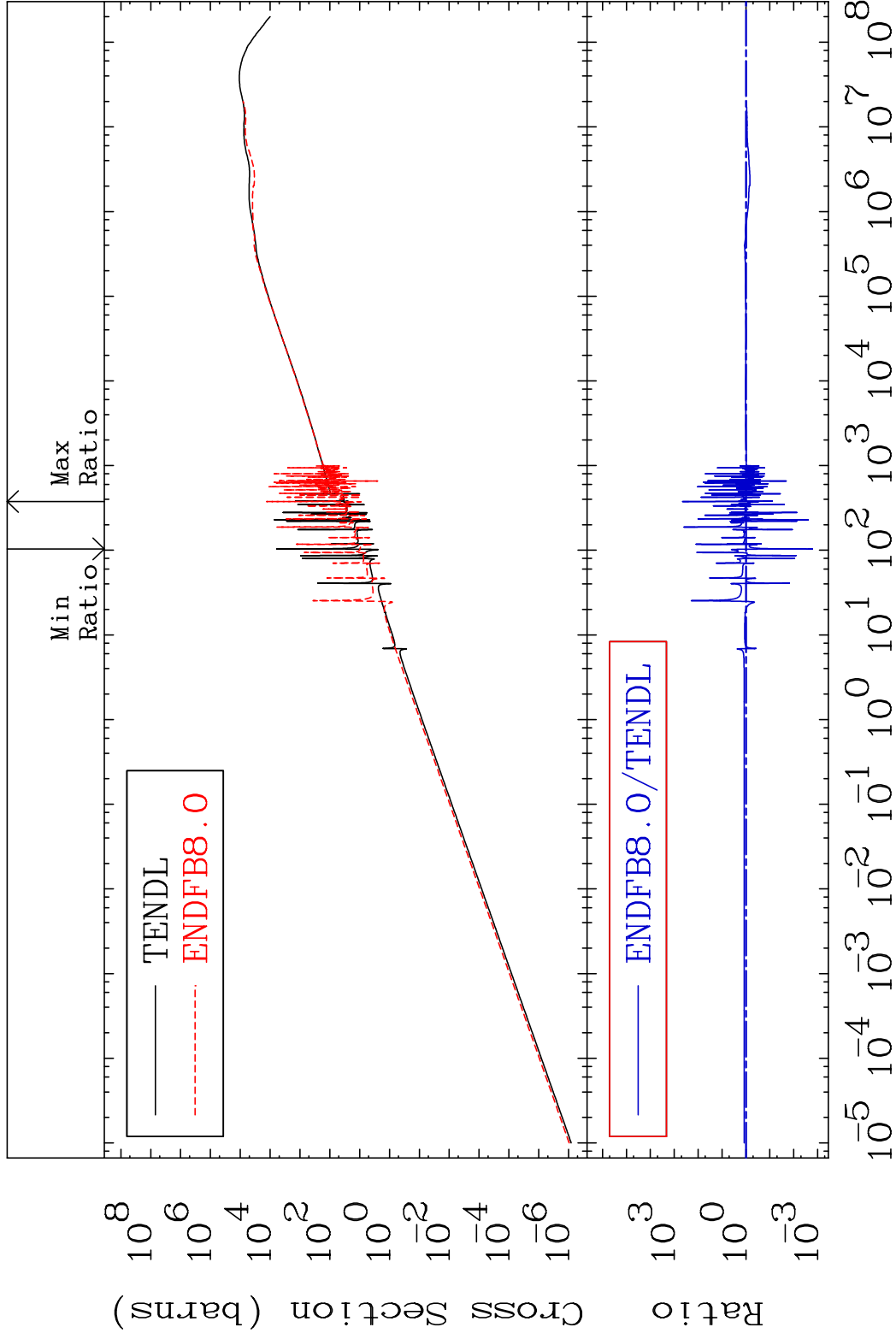


MAT 4737

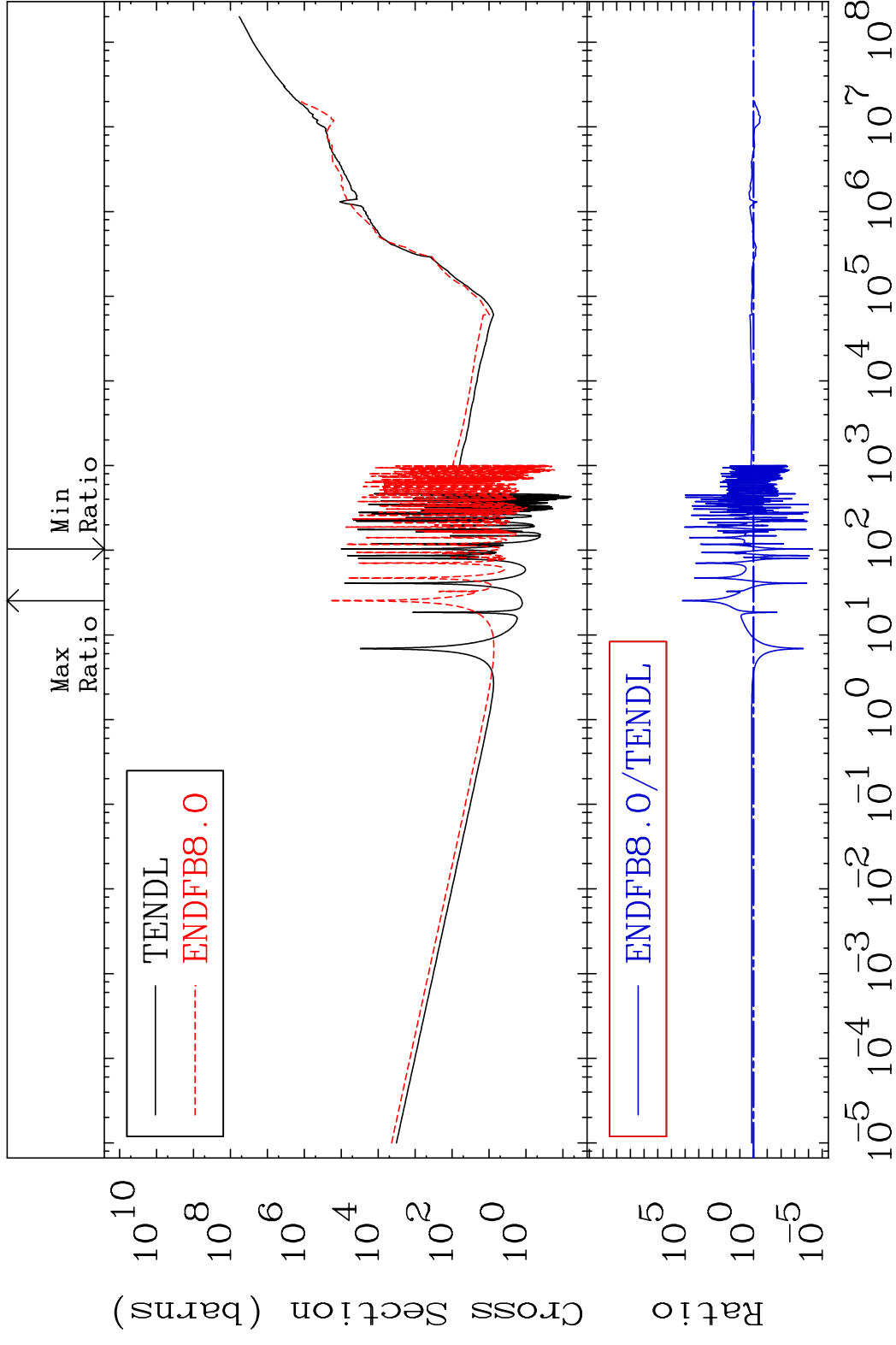
Kerma elastic

47-Ag-111

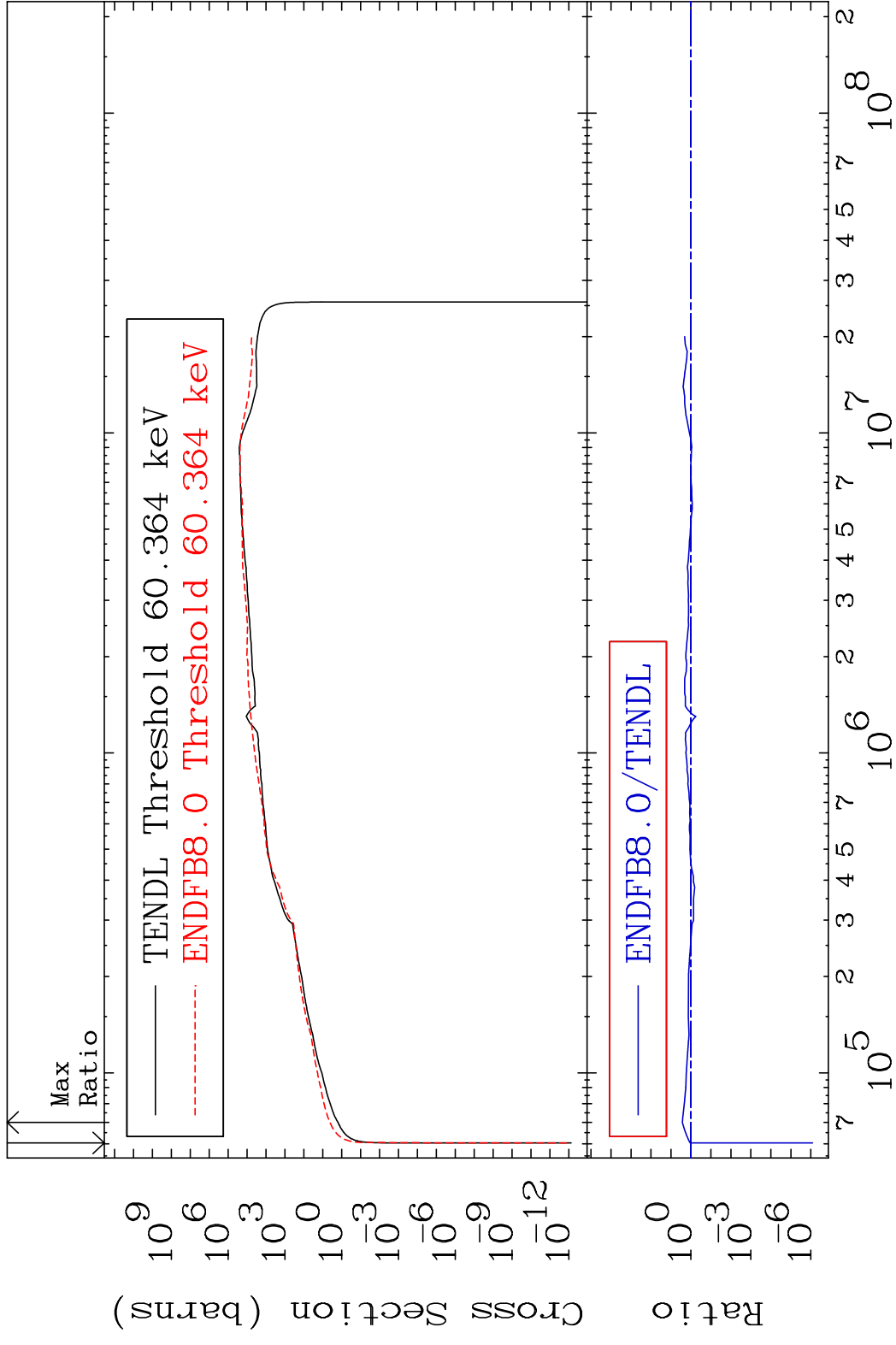
Cross Section -99.84 To 9999. %



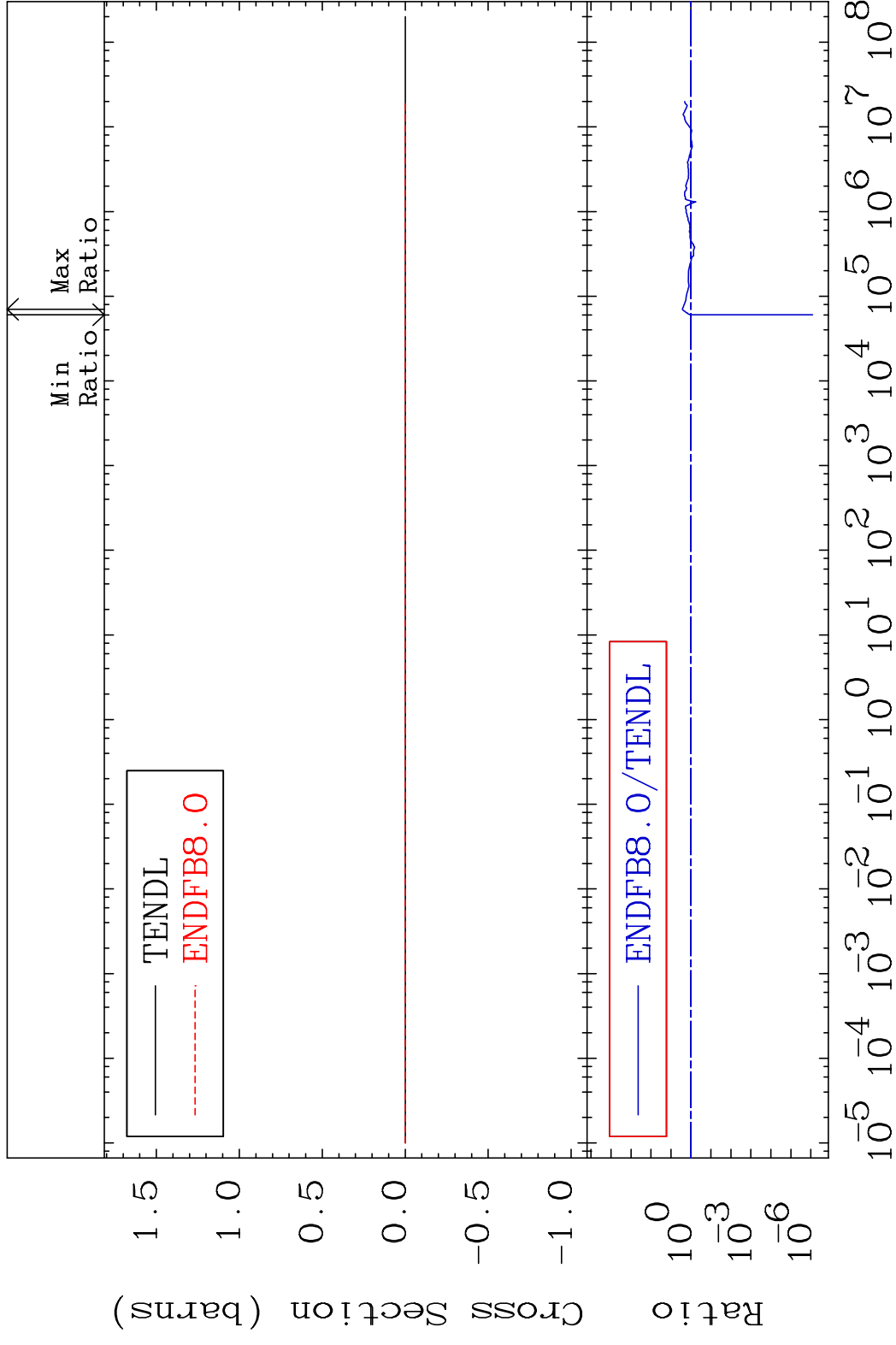
MAT 4737 Kerma non-elastic (all but mt2) 47-Ag-111
 Cross Section -100.0 To 9999. %



MAT 4737 Kerma inelastic (mt51-91) 47-Ag-111
 Cross Section -100.0 To 168.5 %



MAT 4737 Kerma fission (mt18 or mt19-20-21-38) #7-Ag-111
 Cross Section -100.0 To 168.5 %

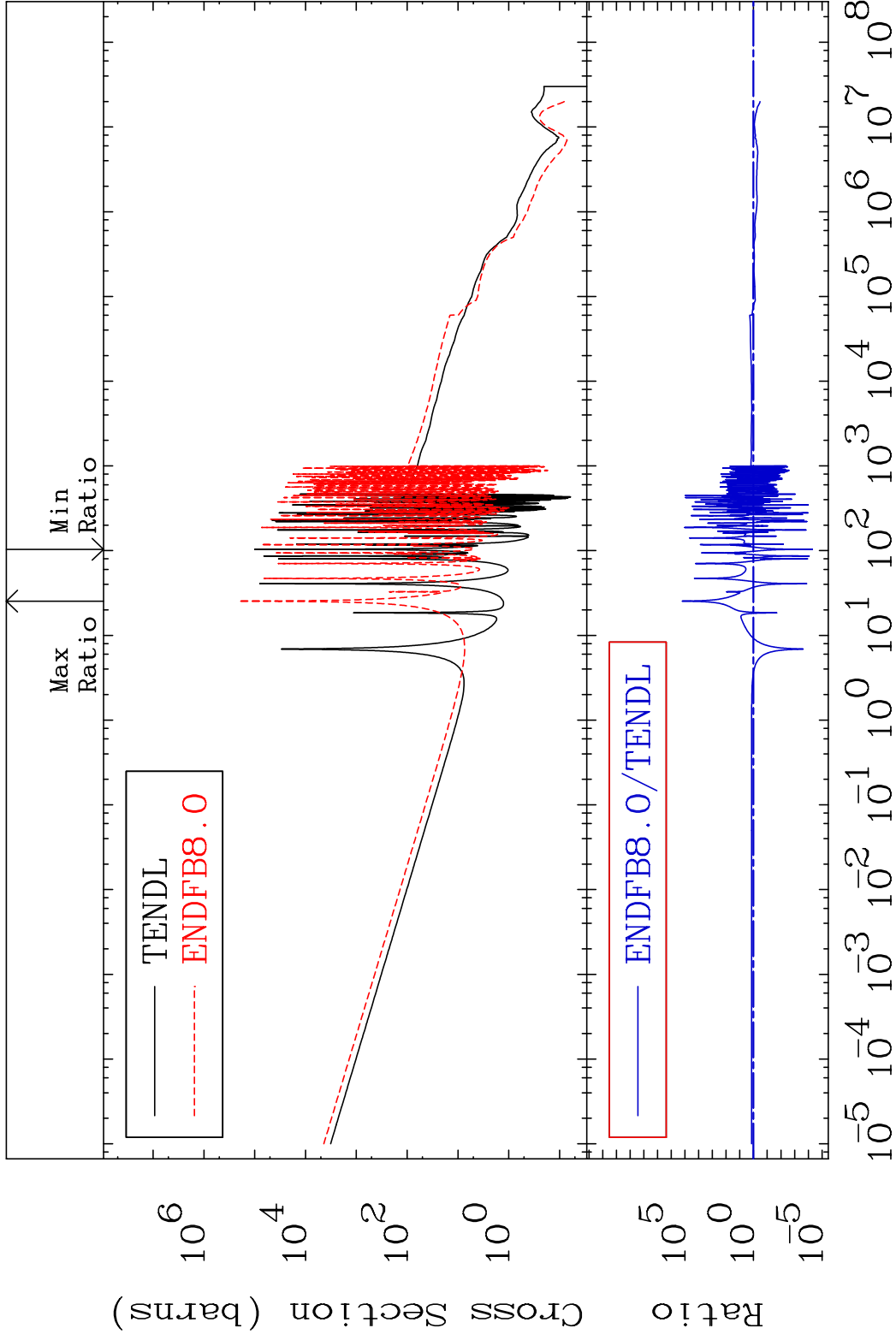


MAT 4737

Kerma capture (mt102)

47-Ag-111

Cross Section -100.0 To 9999. %

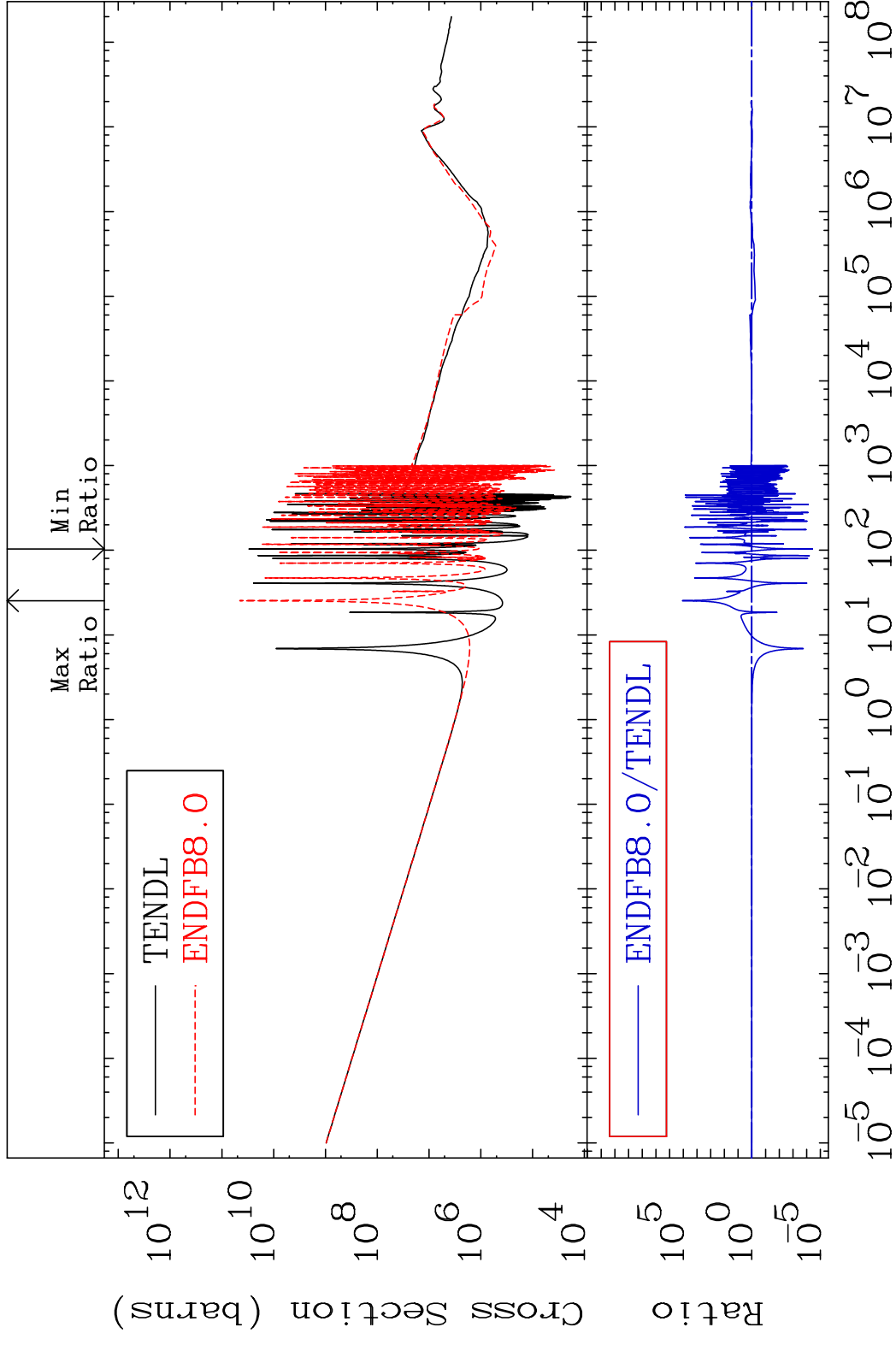


33

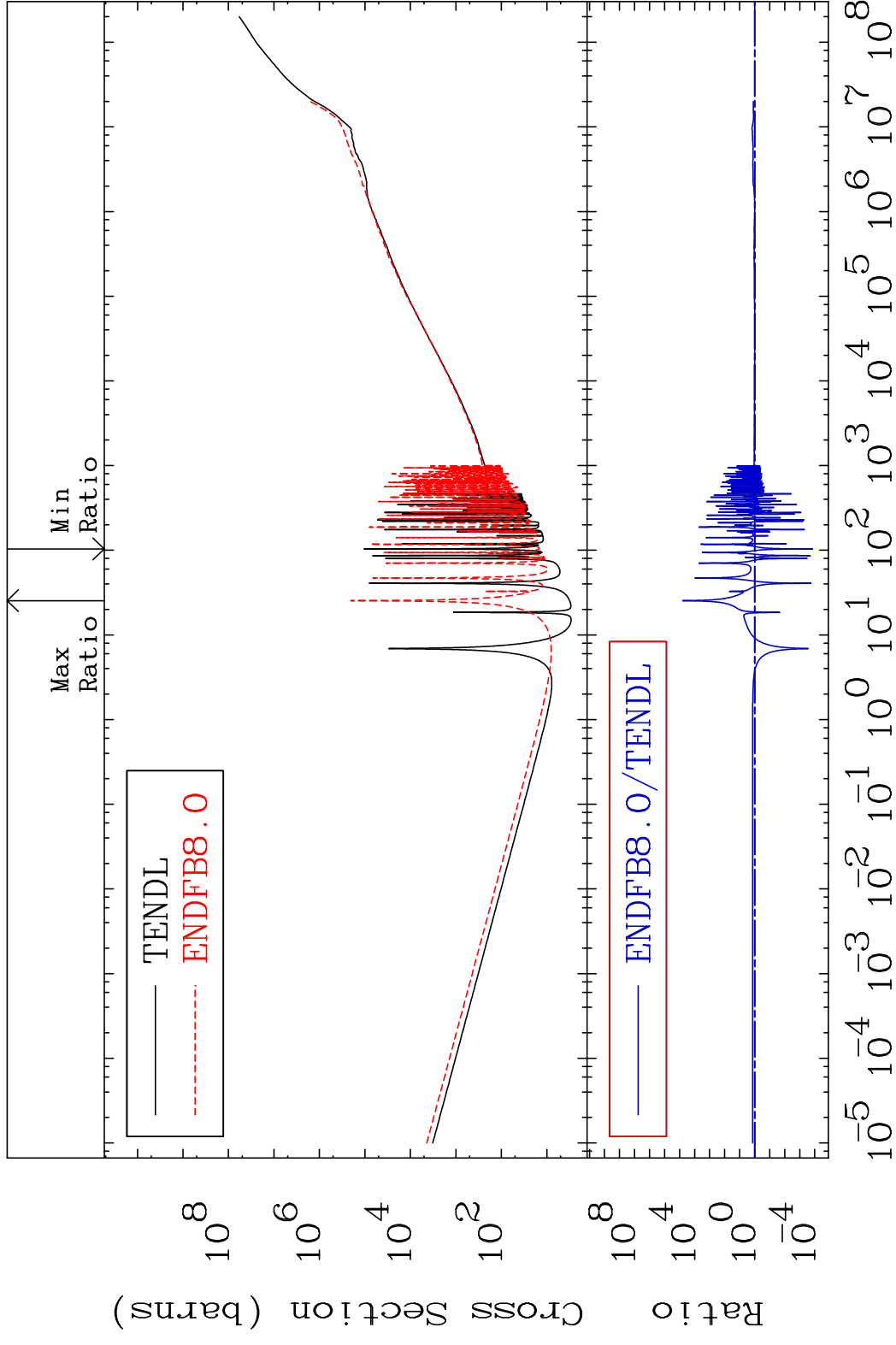
Incident Energy (eV)

47-Ag-111

MAT 4737 Total photon (eV-barns) 47-Ag-111
 Cross Section -100.0 To 9999. %



MAT 4737 Total kinematic kerma (high limit) 47-Ag-111
 Cross Section -99.99 To 9999. %

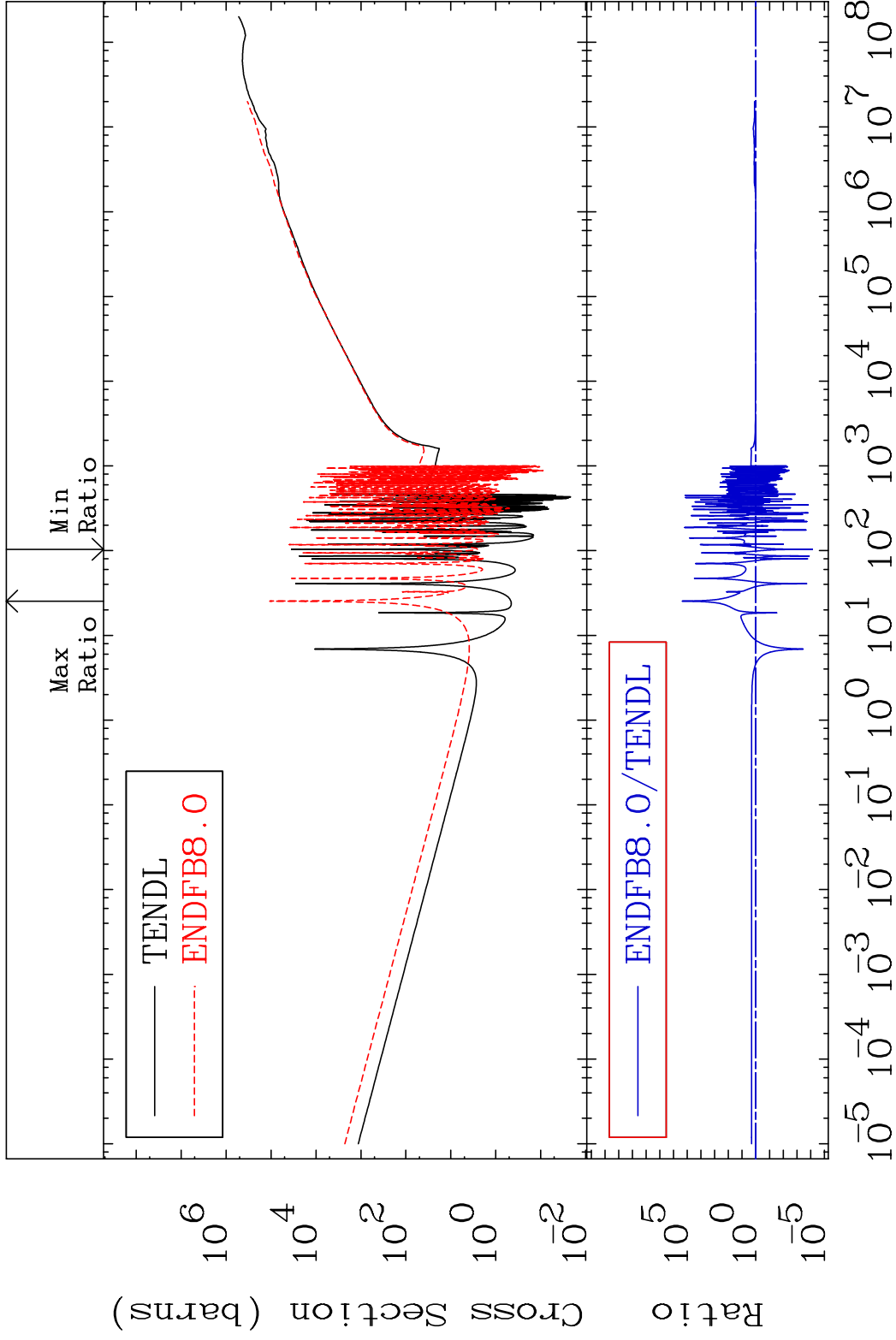


MAT 4737

Dpa total (eV-barns)

47-Ag-111

Cross Section -99.99 To 9999. %



36

Incident Energy (eV)

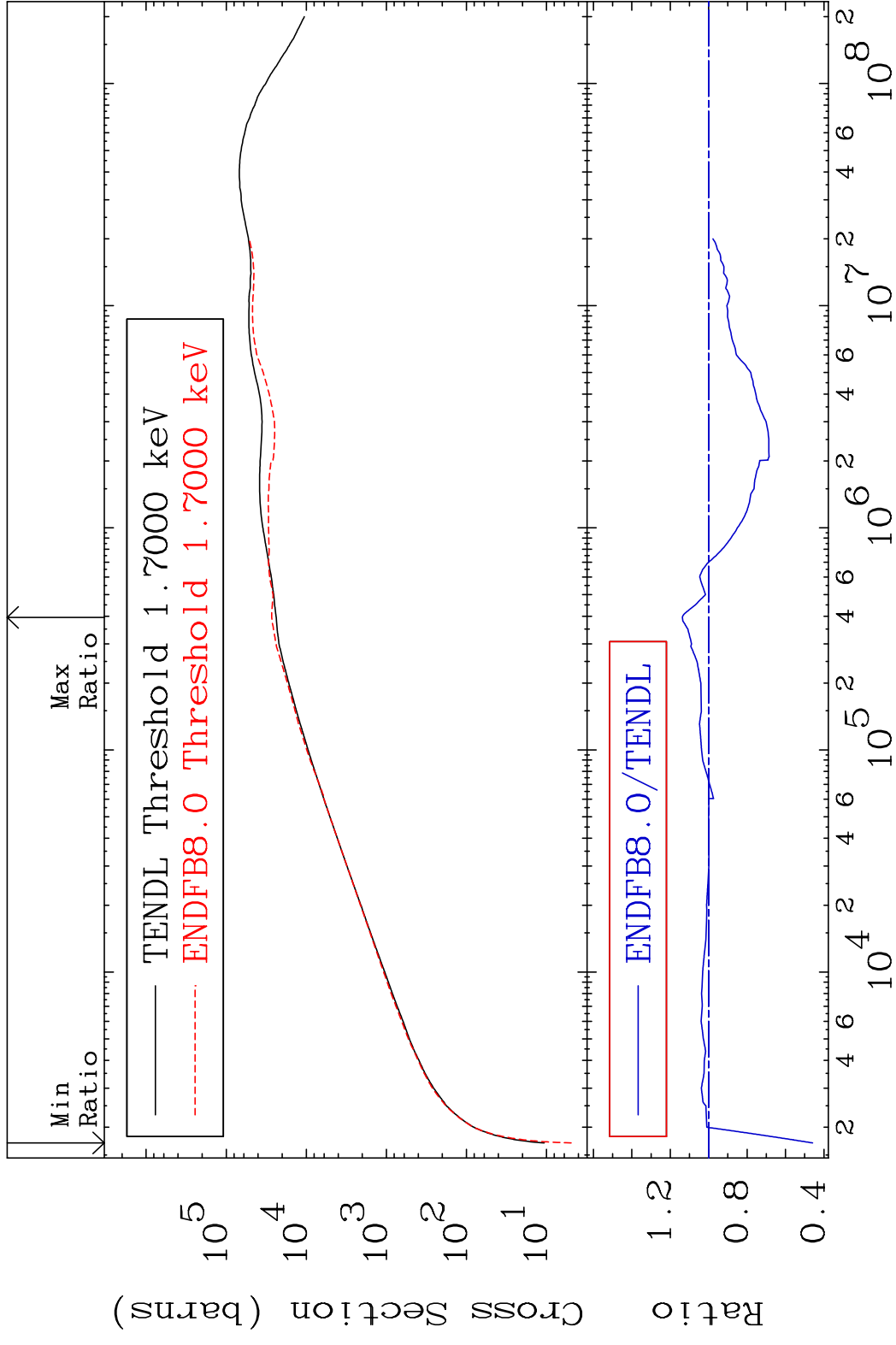
47-Ag-111

MAT 4737

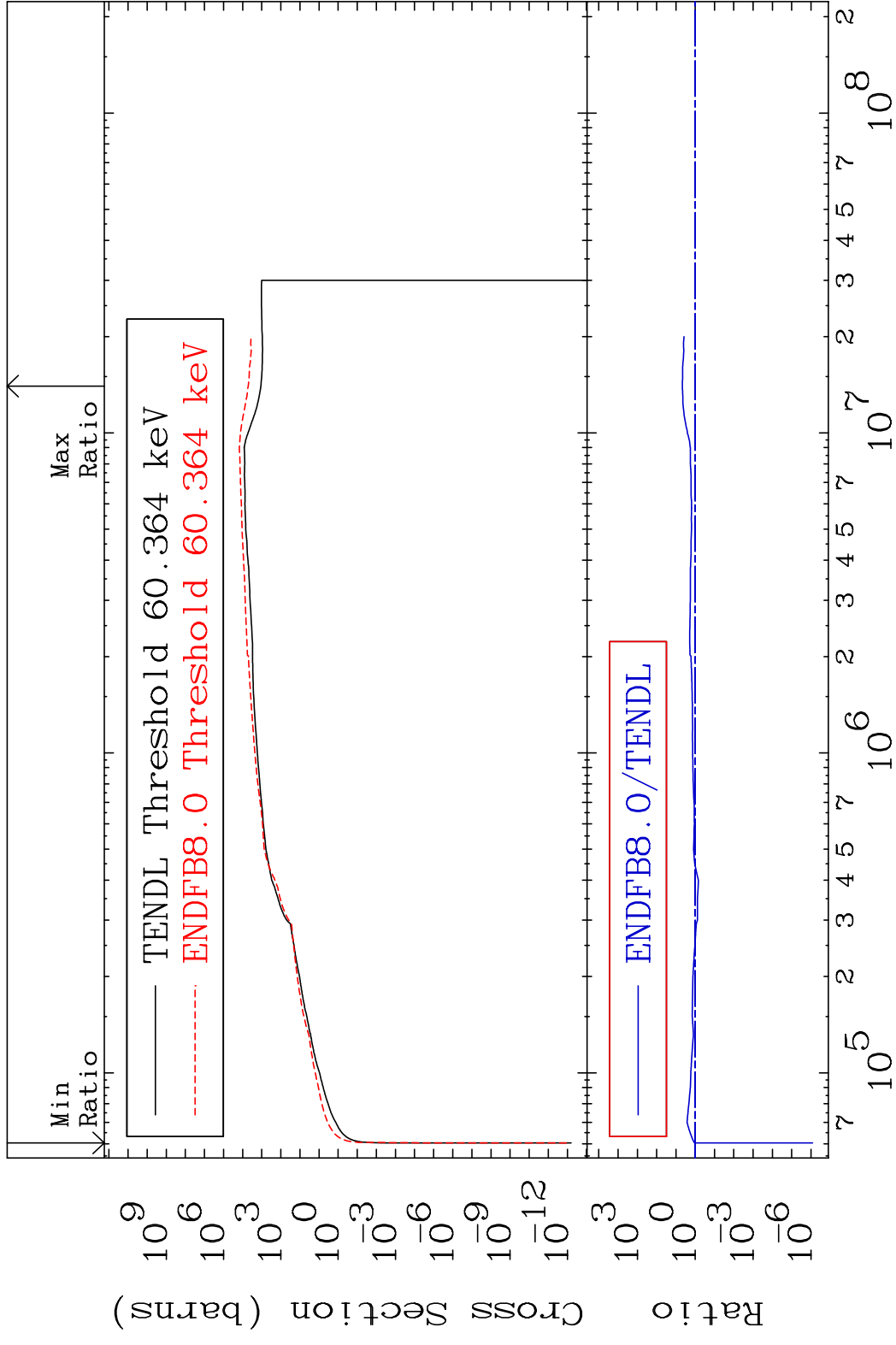
Dpa elastic (mt2)

47-Ag-111

Cross Section -54.08 To 13.70 %



MAT 4737 Dpa inelastic (mt51-91) 47-Ag-111
 Cross Section -100.0 To 365.0 %



MAT 4737 Dpa disappearance (mt102 -120) 47-Ag-111
 Cross Section -99.99 To 9999. %

