

Program Complot
(Version 2018-1)

by

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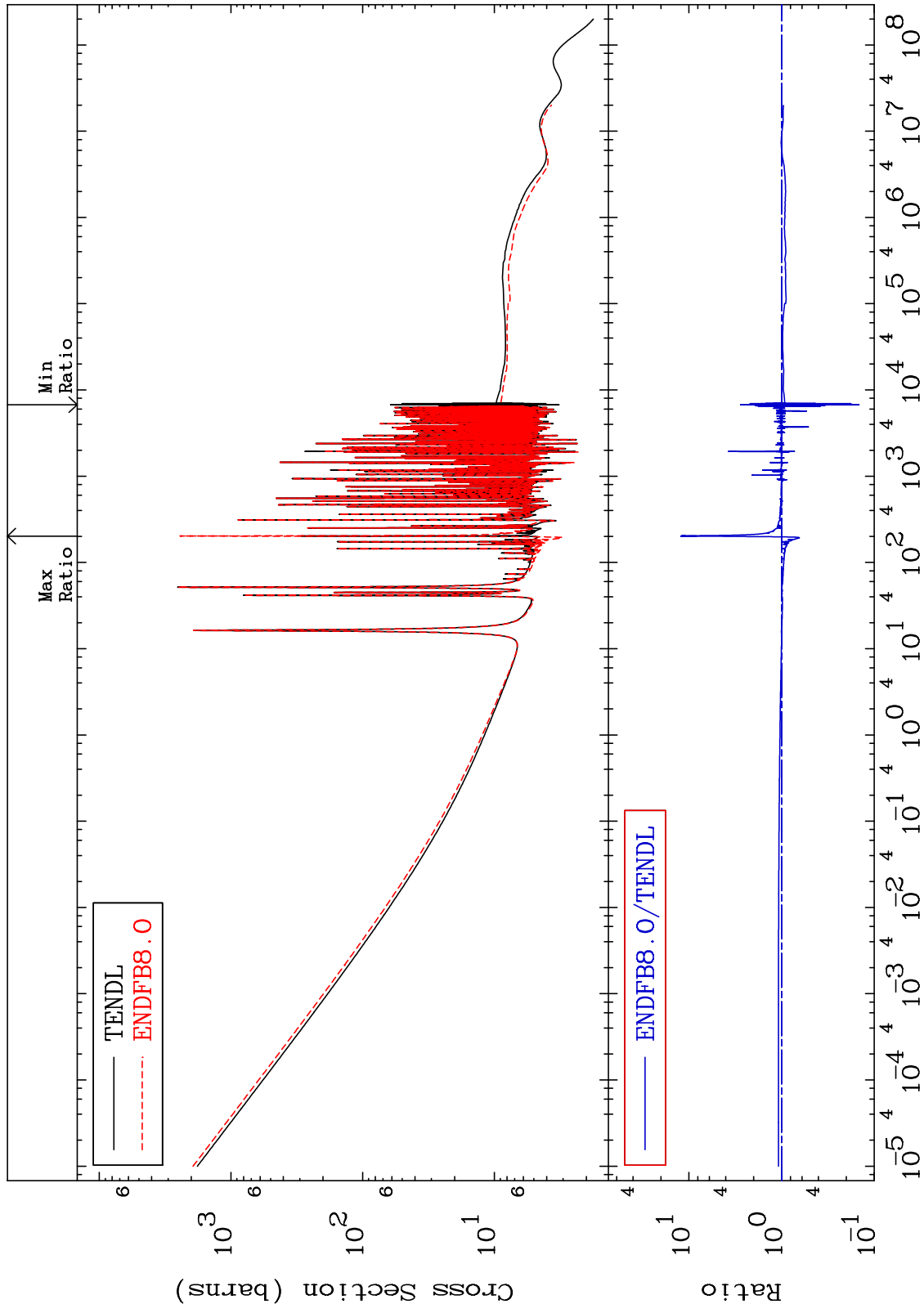
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4725

Total
Cross Section

47-Ag-107
-85.43 To 1125. %



1

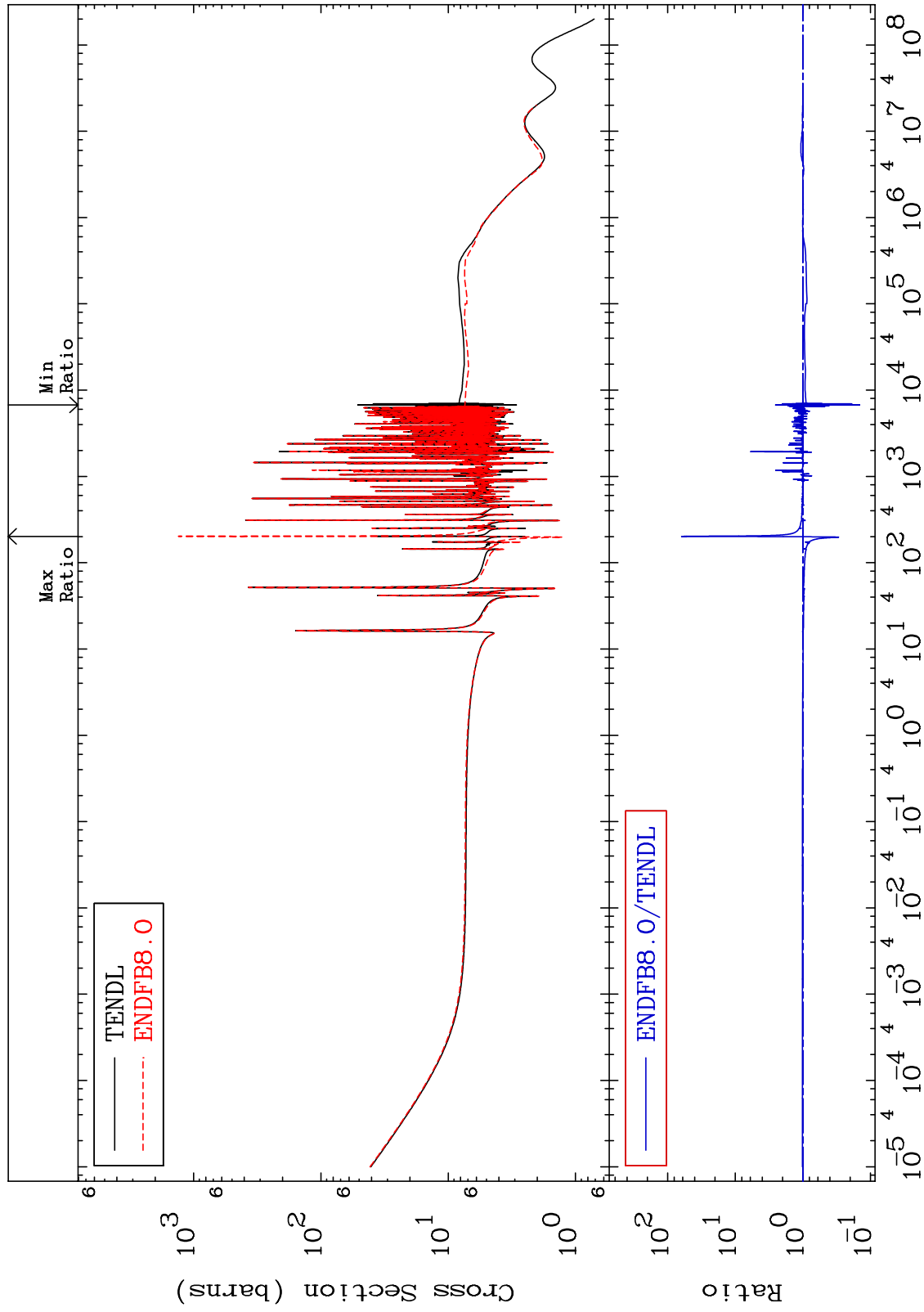
Incident Energy (eV)

47-Ag-107

MAT 4725

Elastic
Cross Section

47-Ag-107
-85.61 To 6161. %

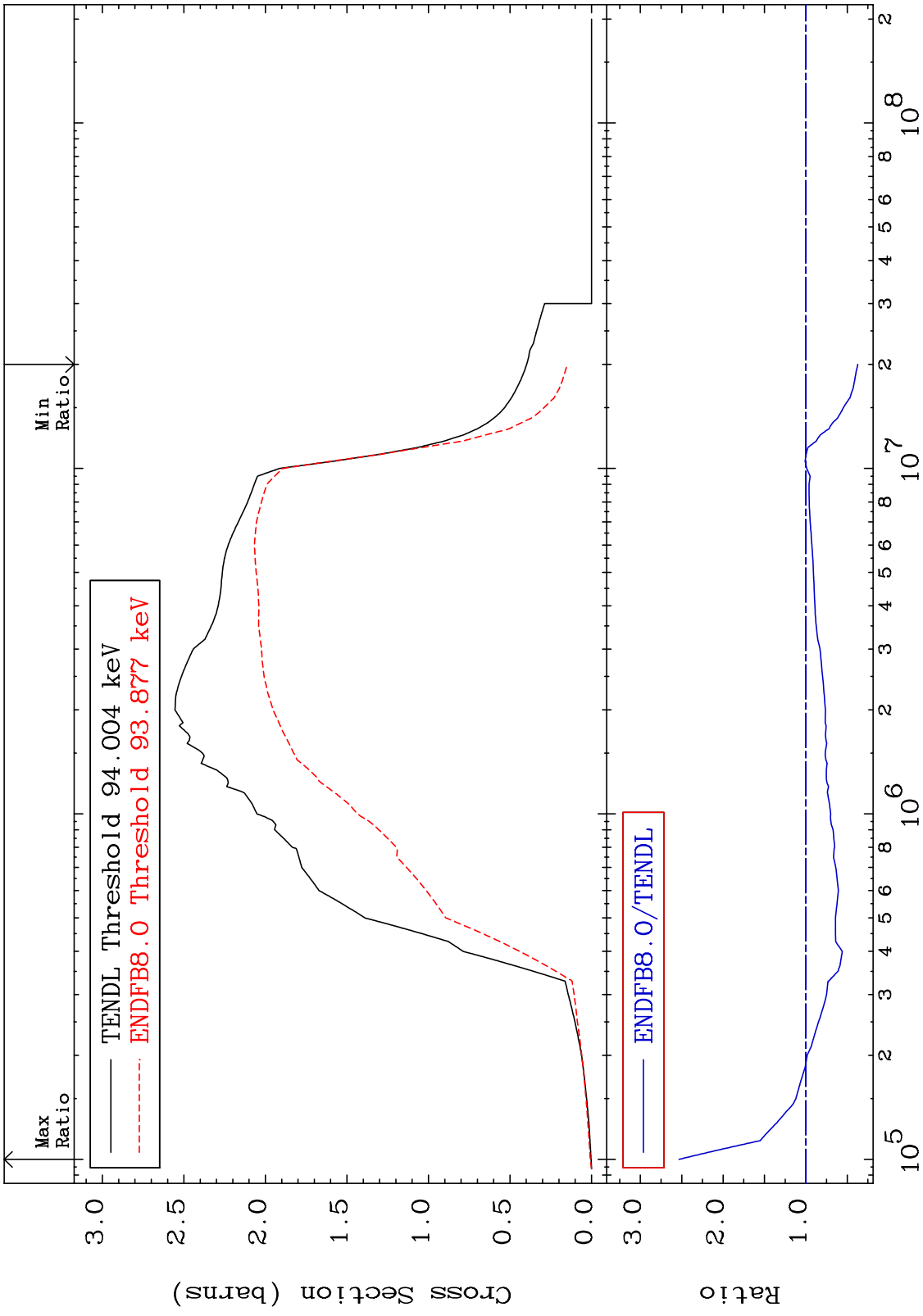


2

Incident Energy (eV)

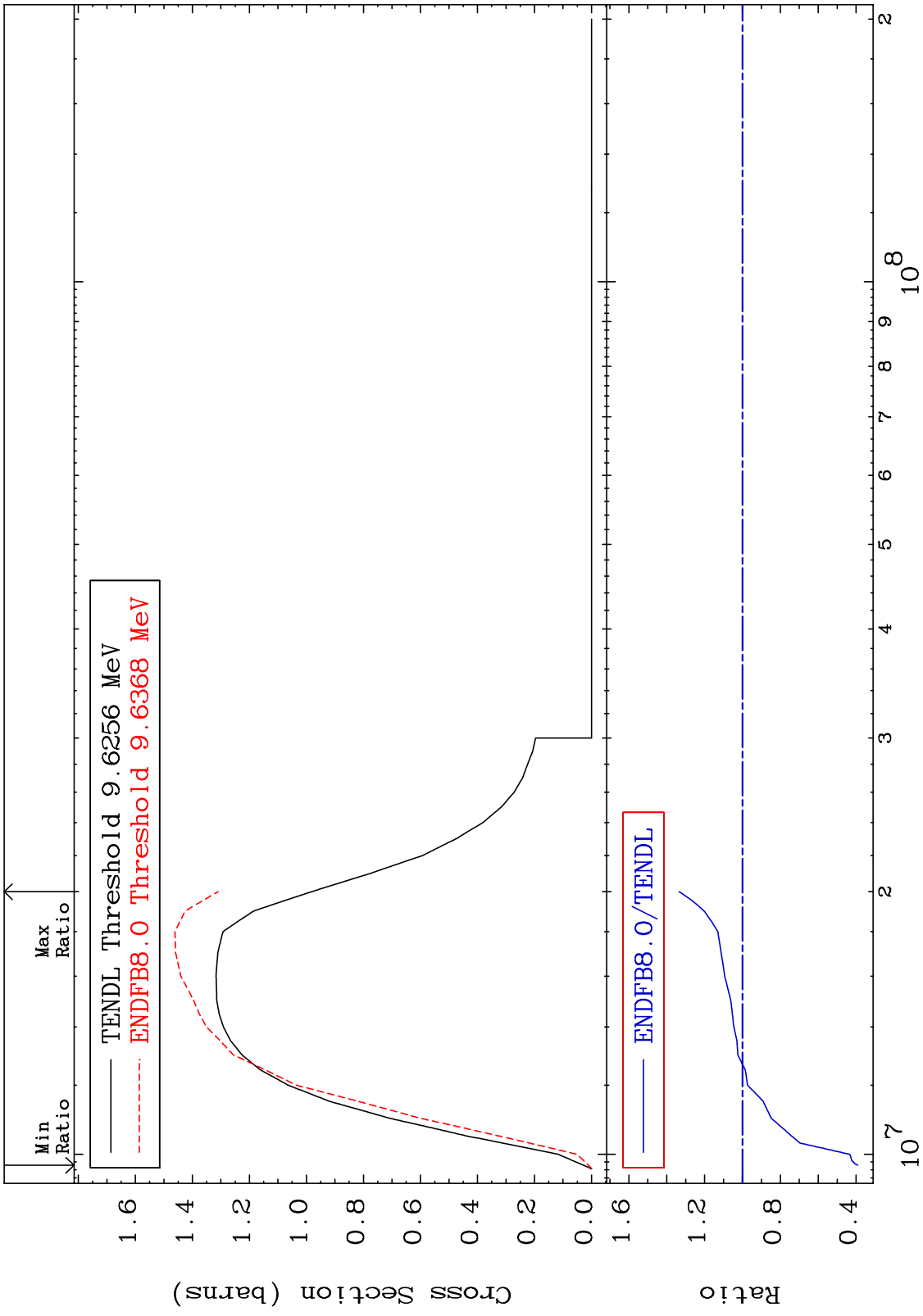
47-Ag-107

MAT 4725 Inelastic Cross Section 47-Ag-107 -62.80 To 153.2 %



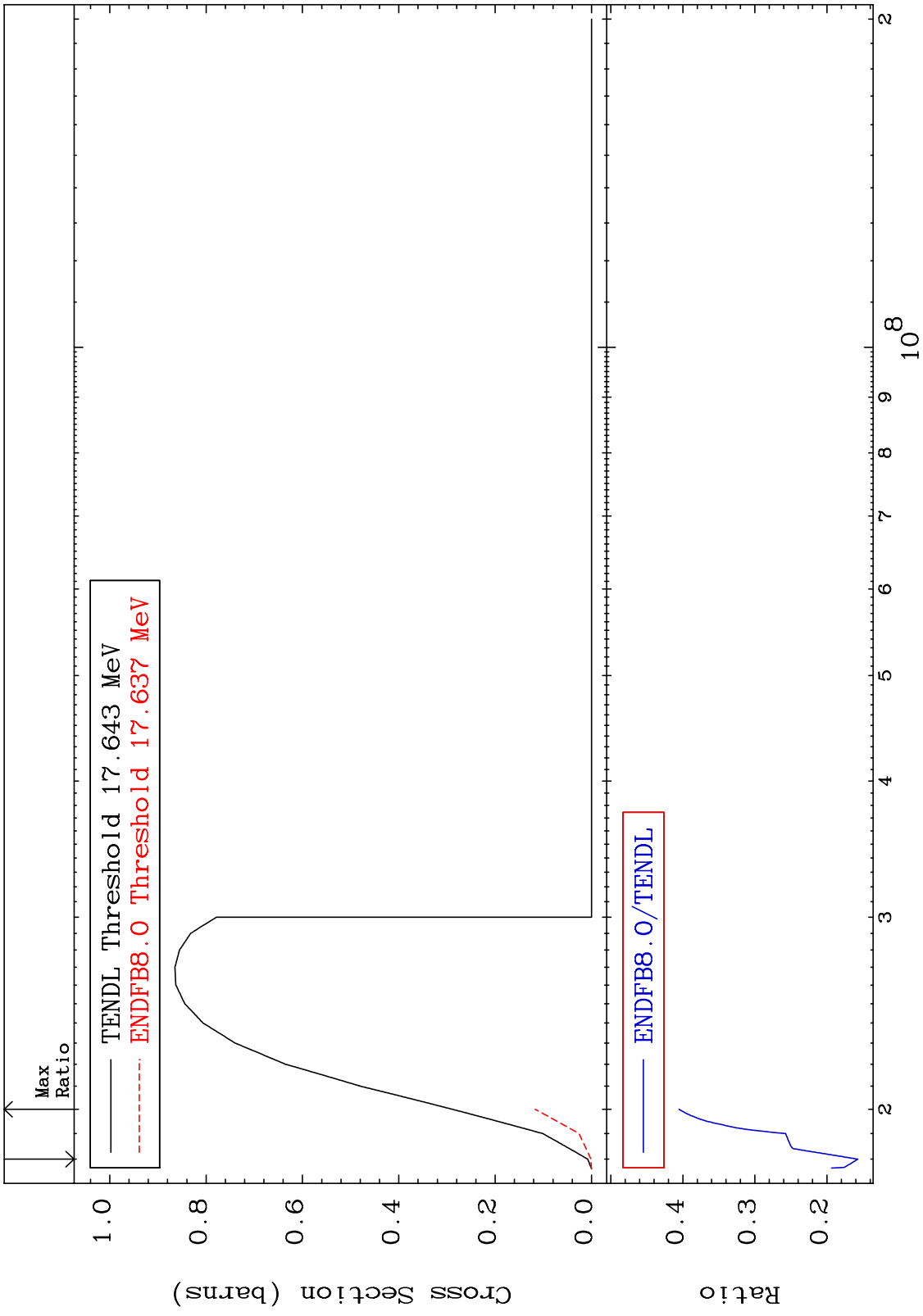
47-Ag-107

MAT 4725 (n,2n) Cross Section 47-Ag-107 -60.93 To 33.50 %

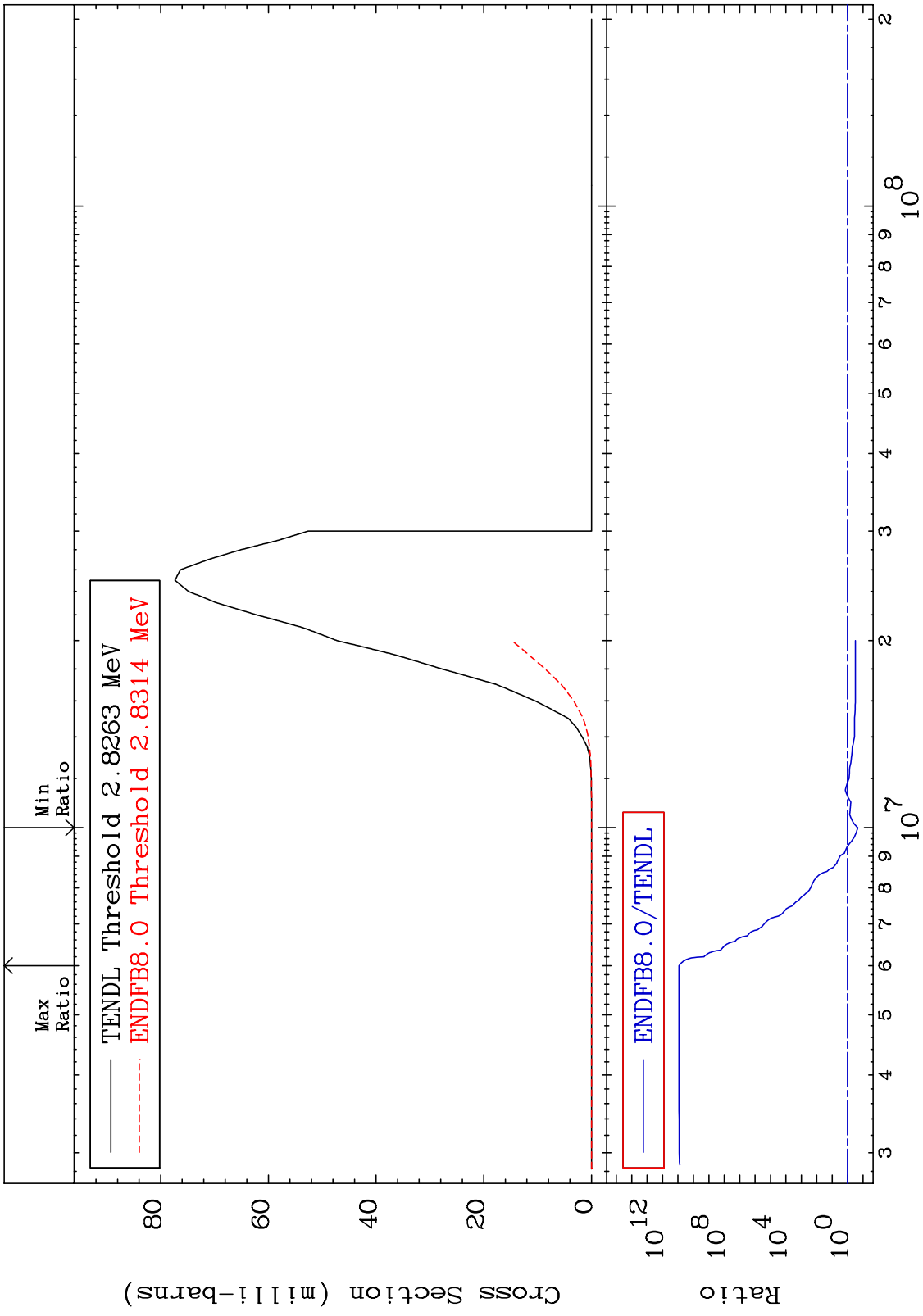


47-Ag-107

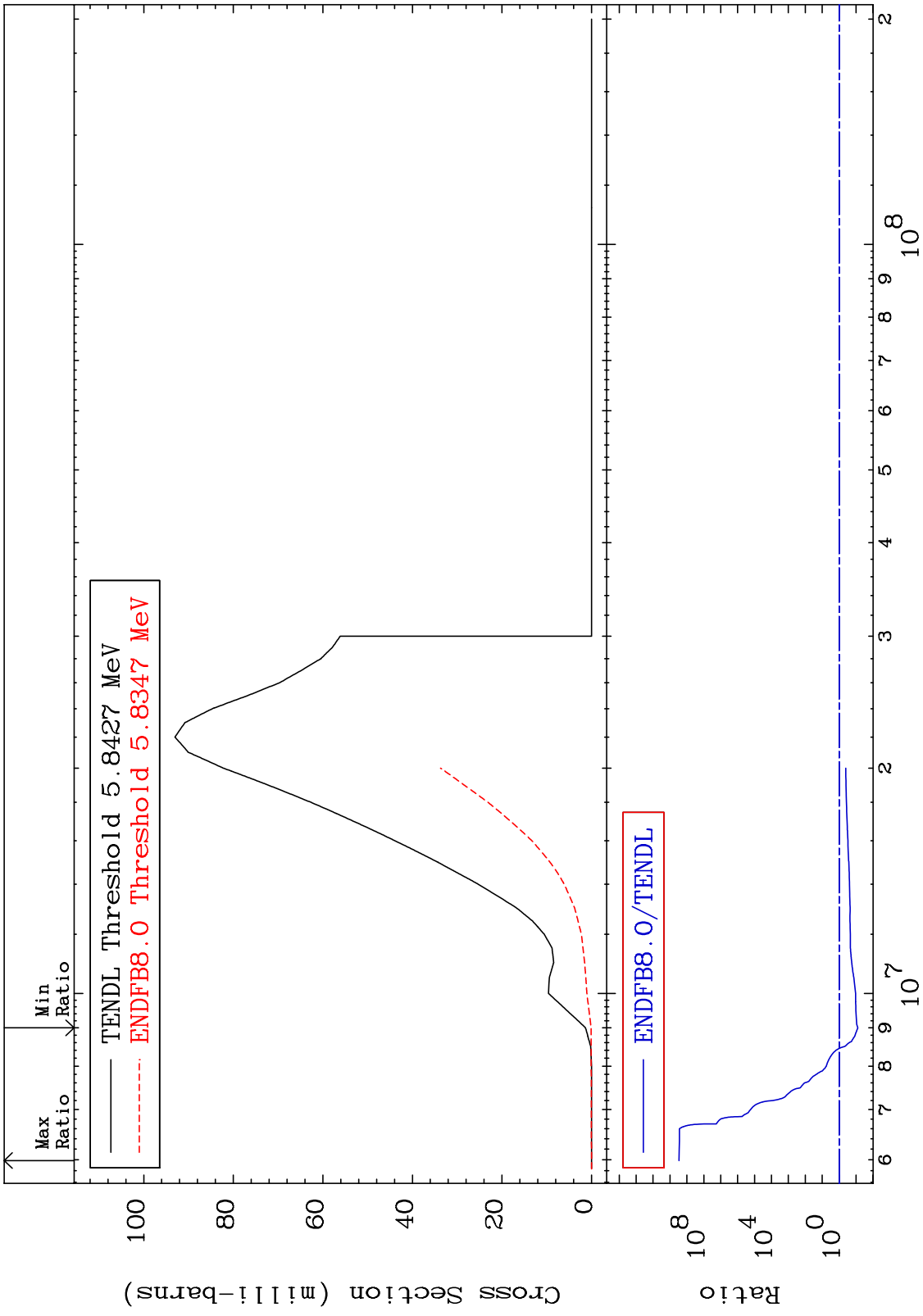
MAT 4725 (n,3n) Cross Section 47-Ag-107 -84.29 To -59.48%



MAT 4725 $(n, n') \alpha$ 47-Ag-107
 Cross Section -78.21 To 9999. %

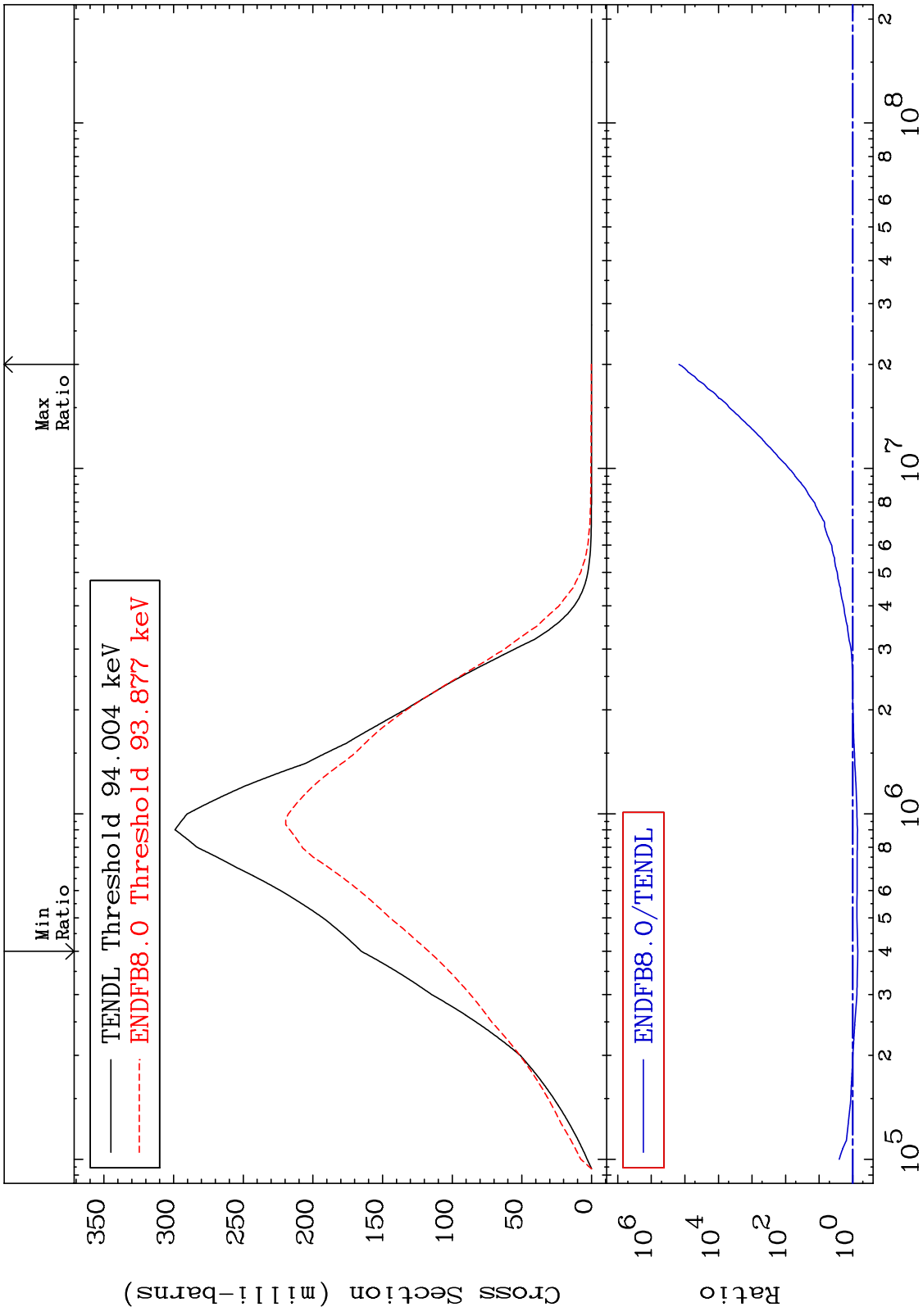


MAT 4725 (n,n') p 47-Ag-107
 Cross Section -92.17 To 9999. %



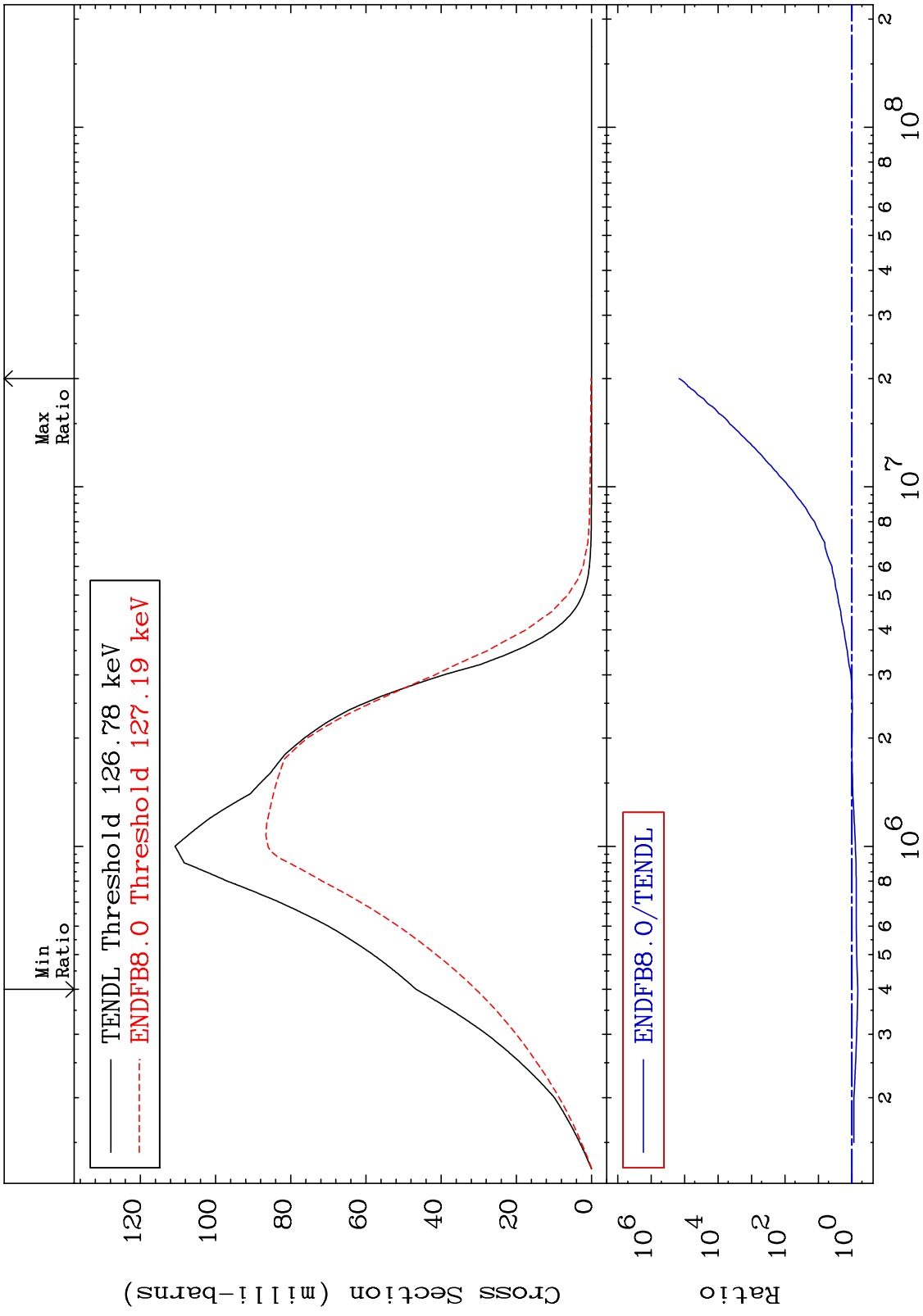
7 Incident Energy (eV) 47-Ag-107

MAT 4725 MT= 51 (n,n') Level Cross Section 47-Ag-107
-29.29 To 9999. %

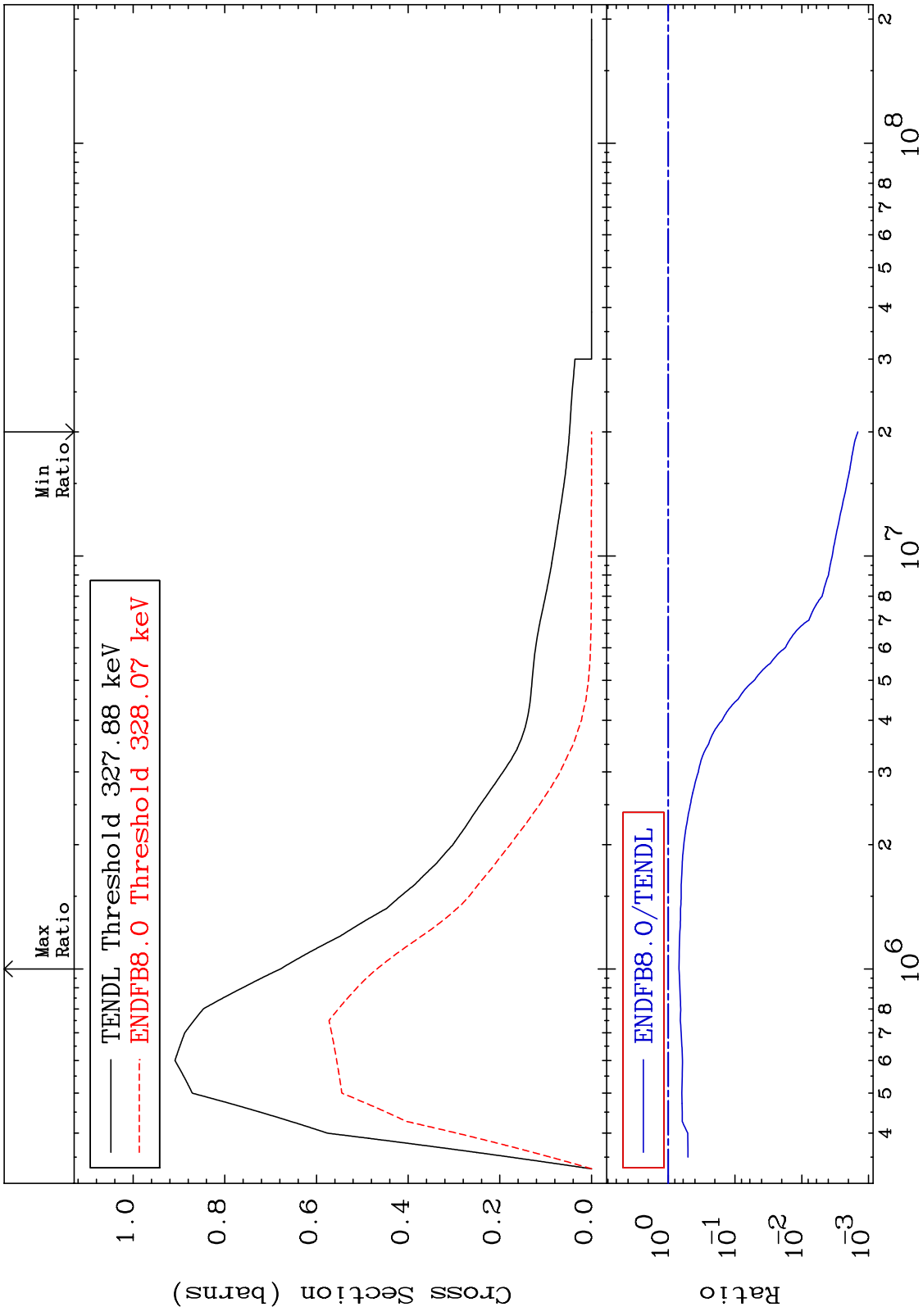


8 Incident Energy (eV) 47-Ag-107

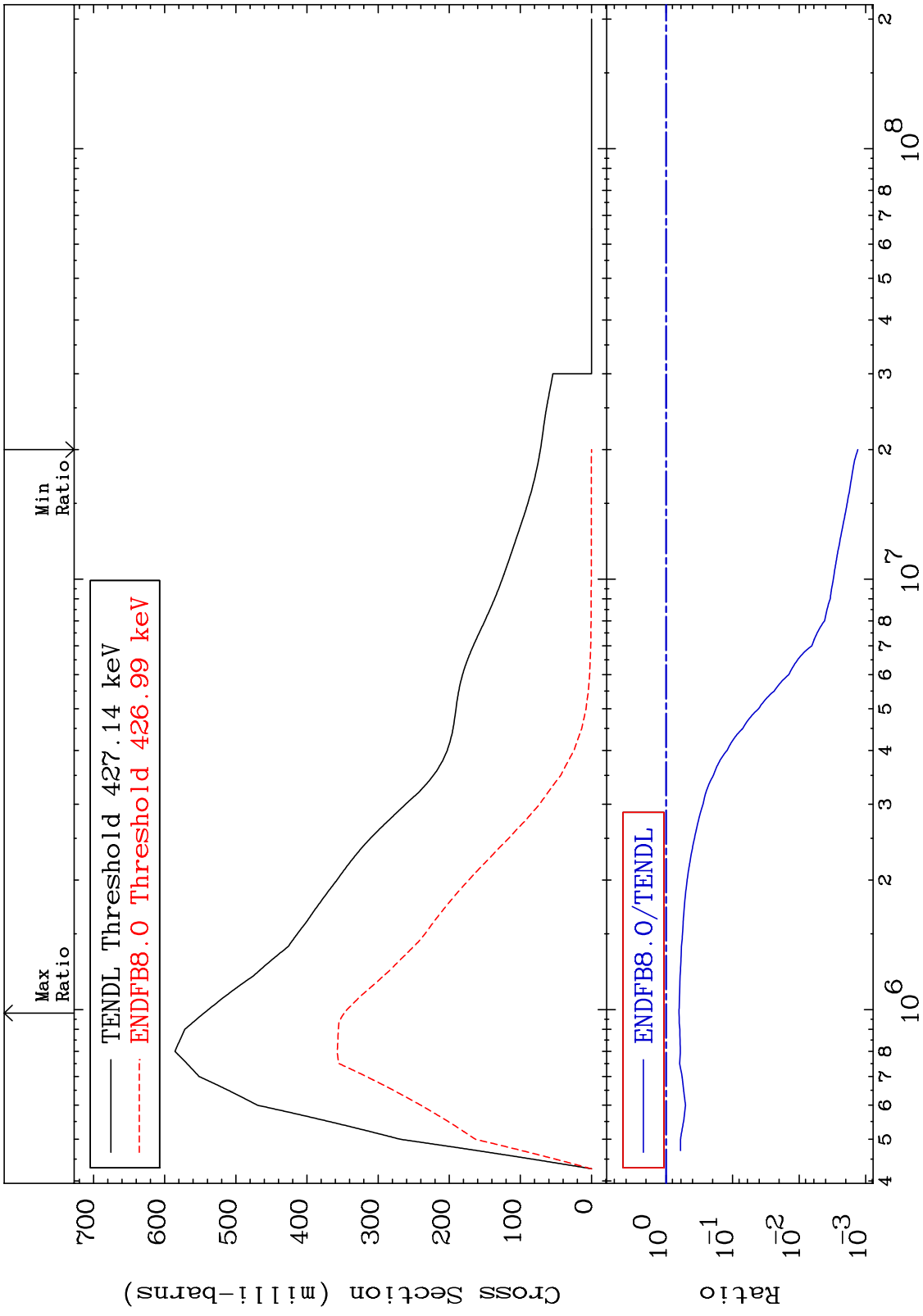
MAT 4725 MT= 52 (n,n') Level Cross Section 47-Ag-107
 -34.08 To 9999. %



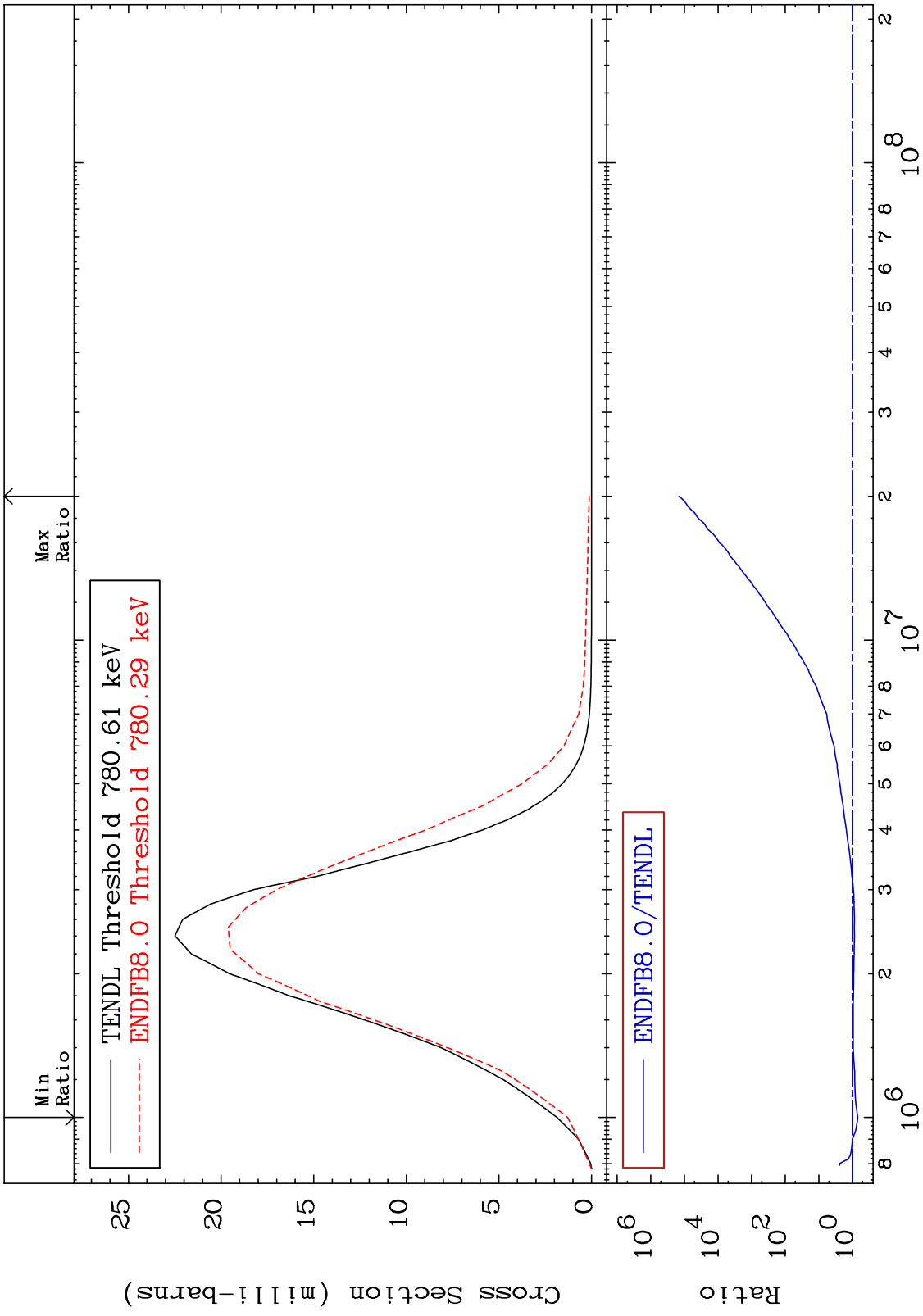
MAT 4725 MT= 53 (n,n') Level Cross Section 47-Ag-107 -99.86 To -31.02%



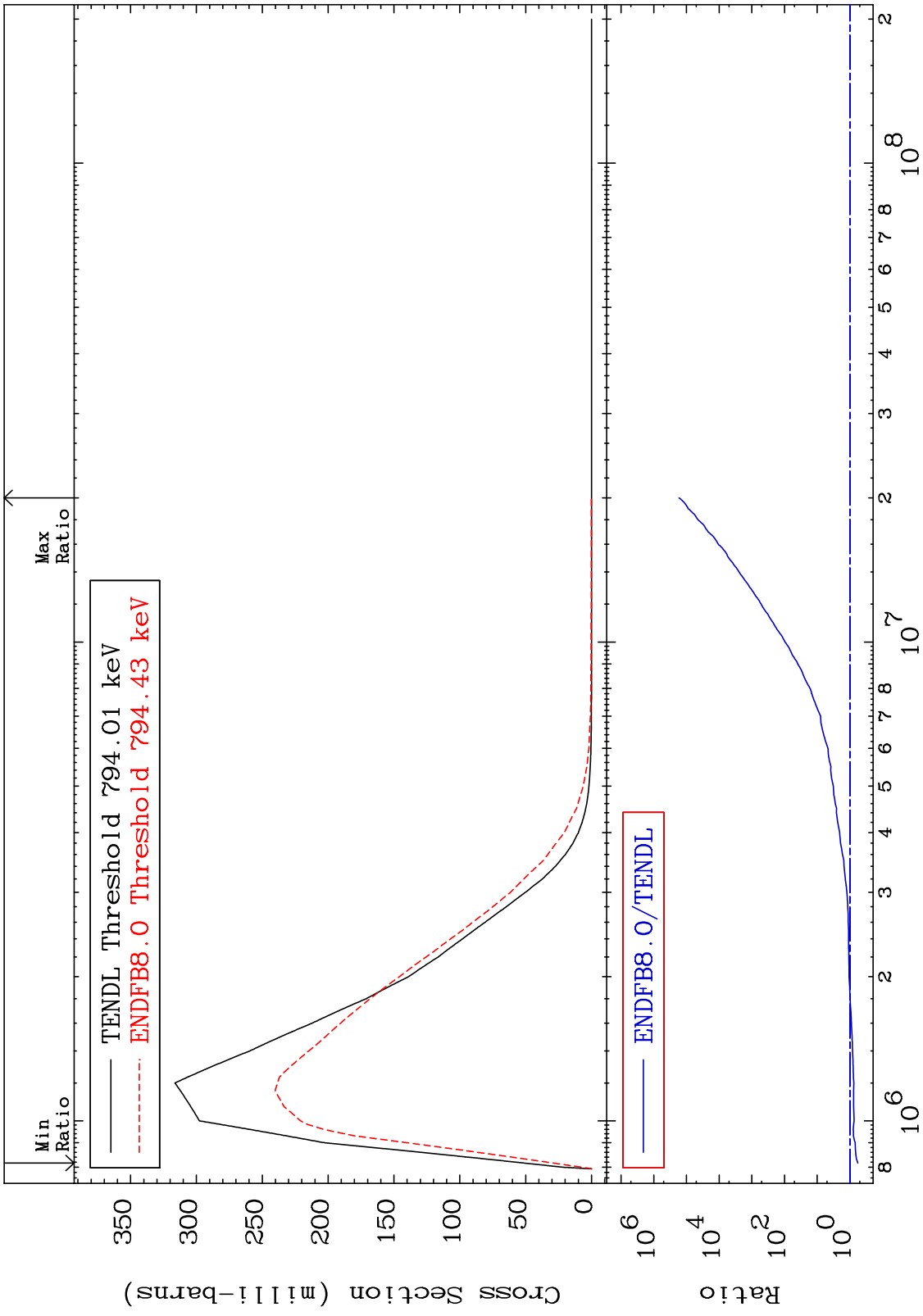
MAT 4725 MT= 54 (n,n') Level Cross Section 47-Ag-107 -99.87 To -36.16%



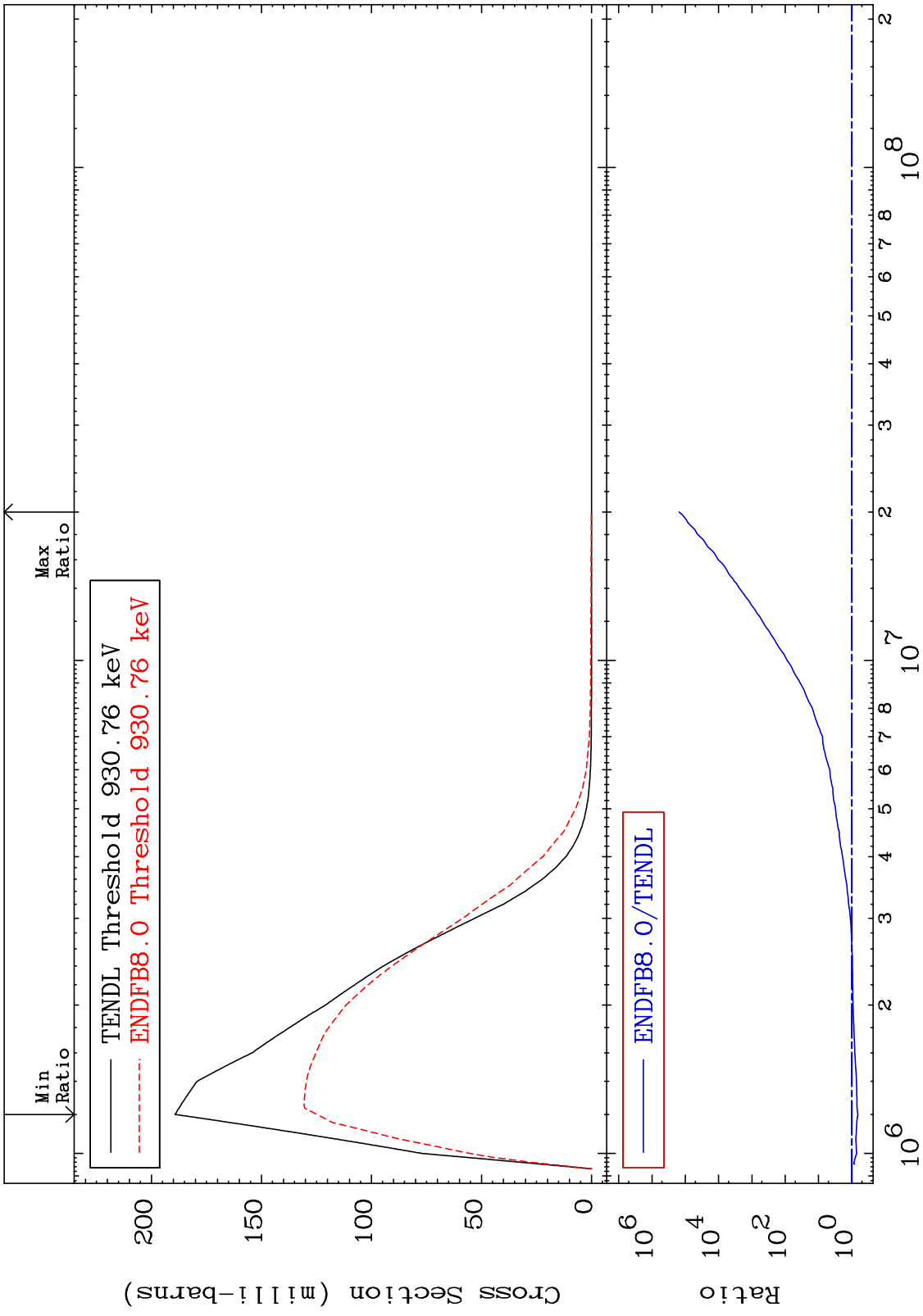
MAT 4725 MT= 55 (n,n') Level Cross Section 47-Ag-107
 -30.75 To 9999. %



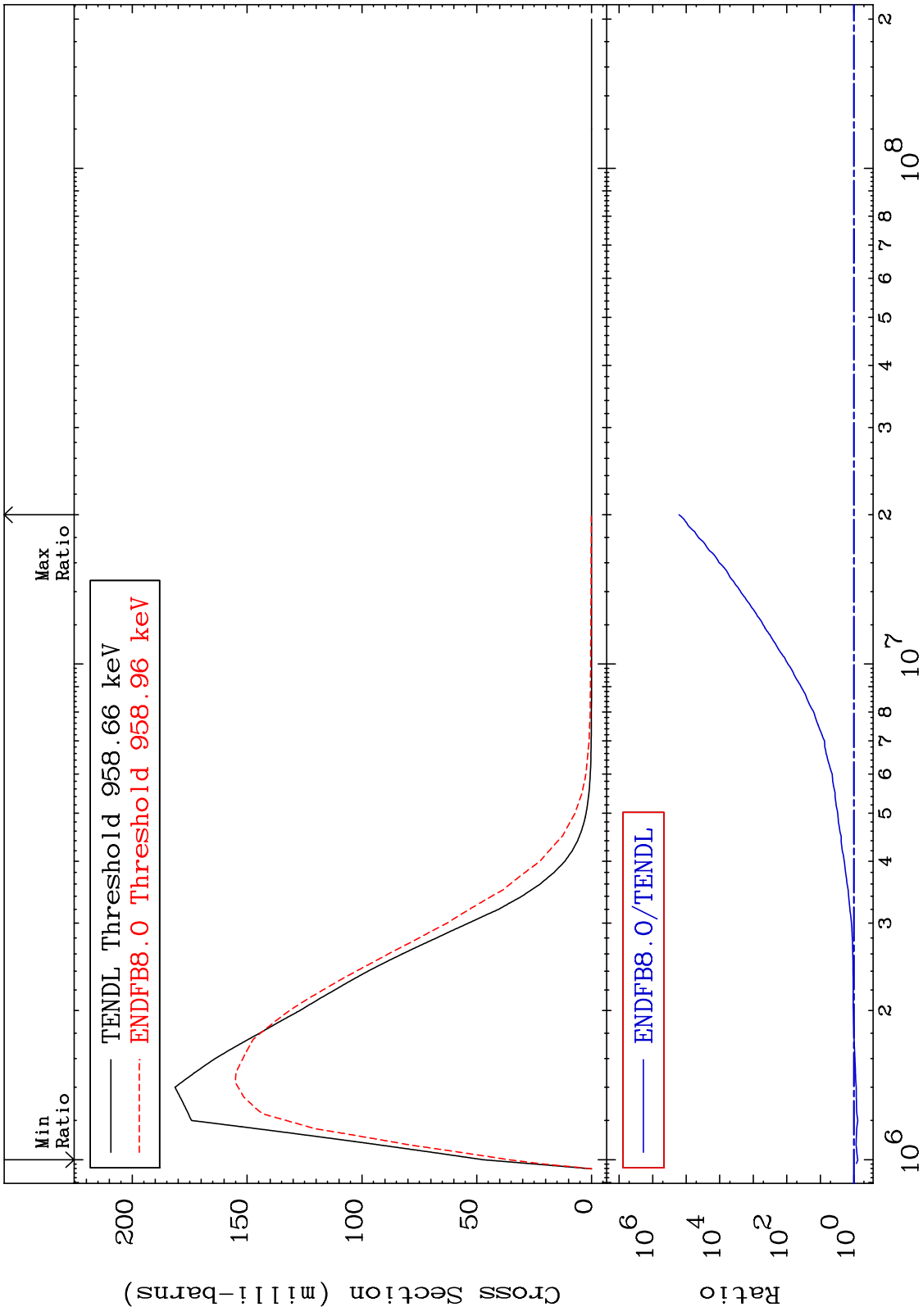
MAT 4725 MT= 56 (n,n') Level Cross Section -43.10 To 9999. % 47-Ag-107



MAT 4725 MT= 57 (n,n') Level Cross Section -34.08 To 9999. % 47-Ag-107

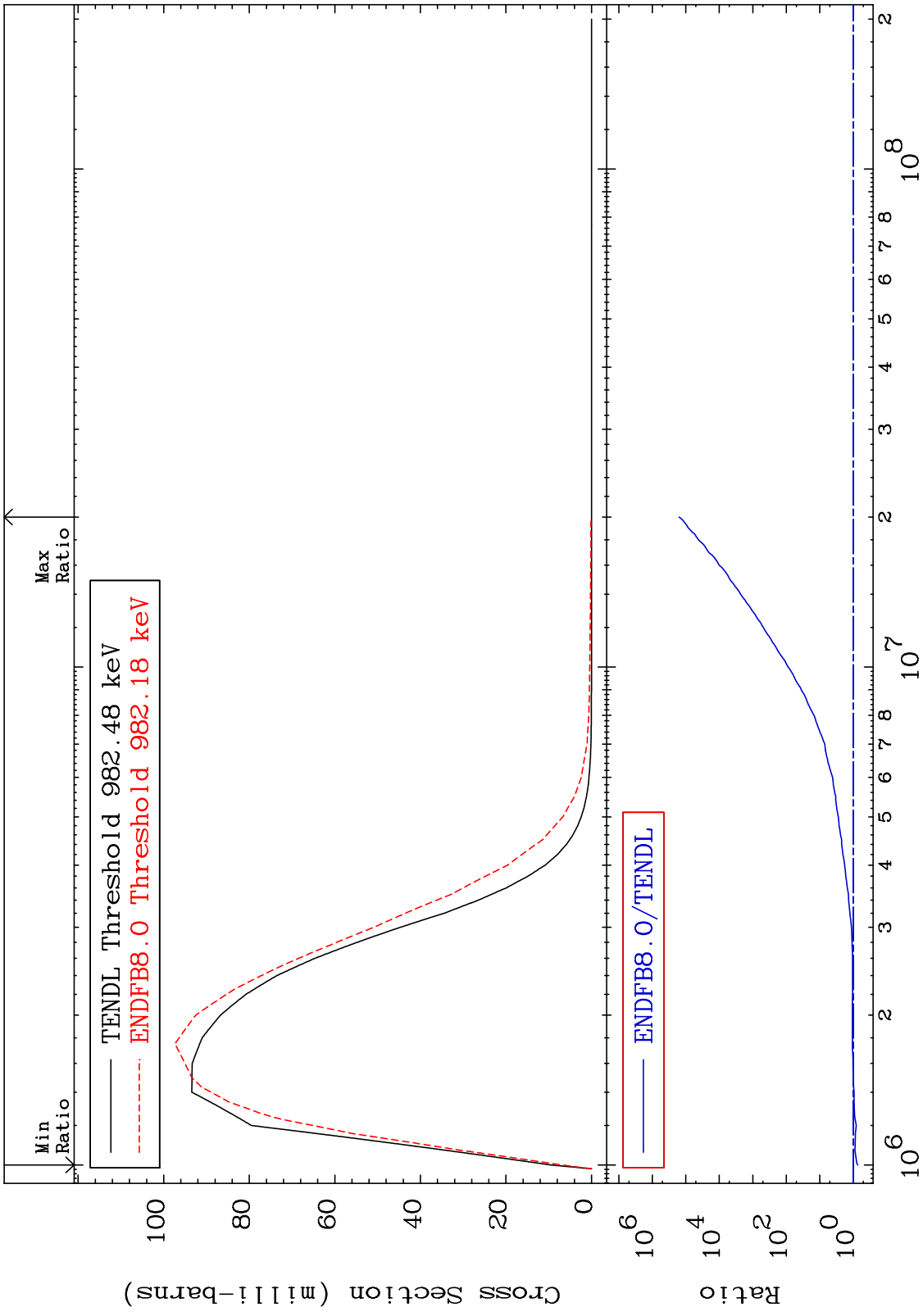


MAT 4725 MT= 58 (n,n') Level Cross Section -24.06 To 9999. % 47-Ag-107



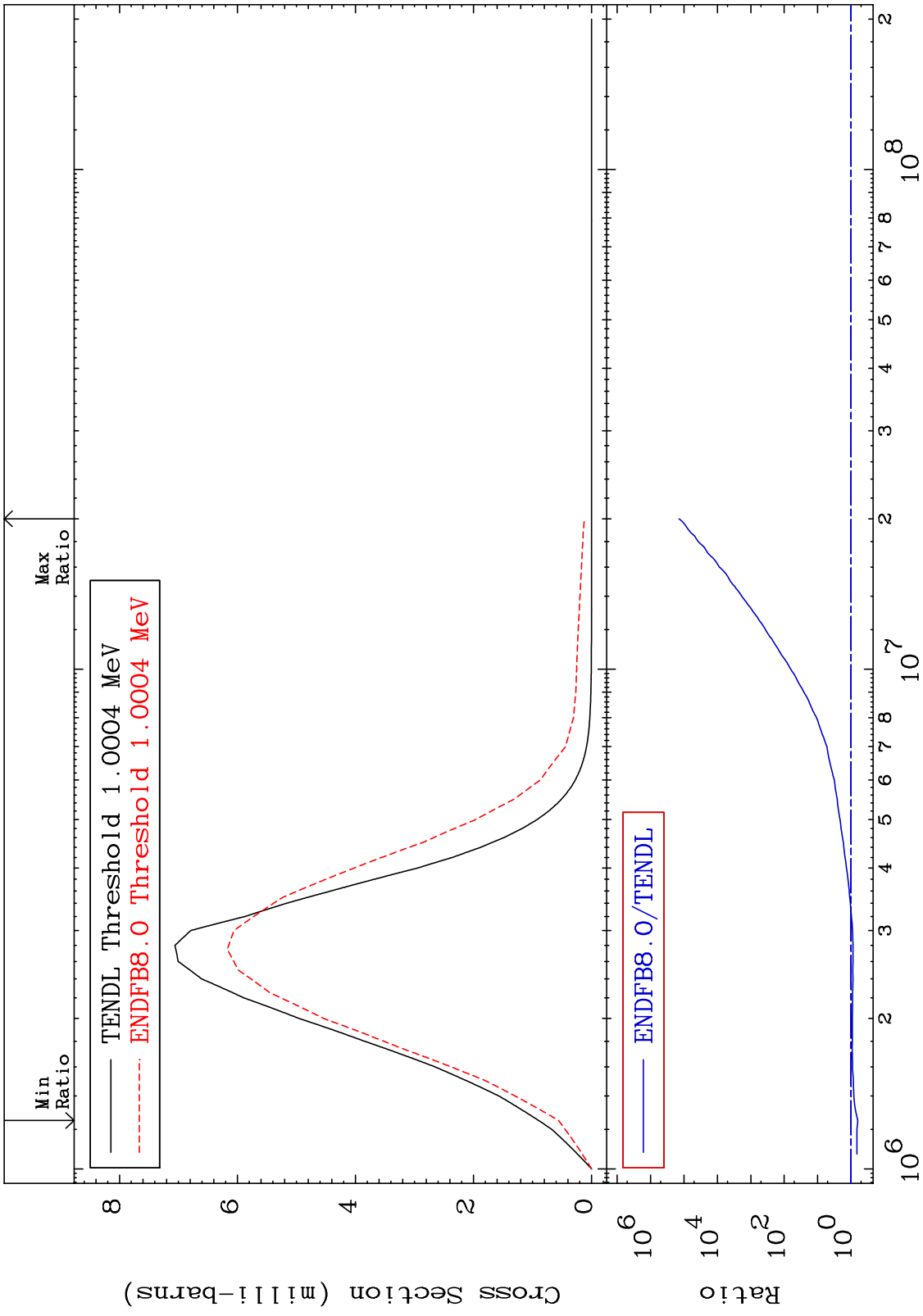
47-Ag-107

MAT 4725 MT= 59 (n,n') Level Cross Section -26.94 To 9999. % 47-Ag-107



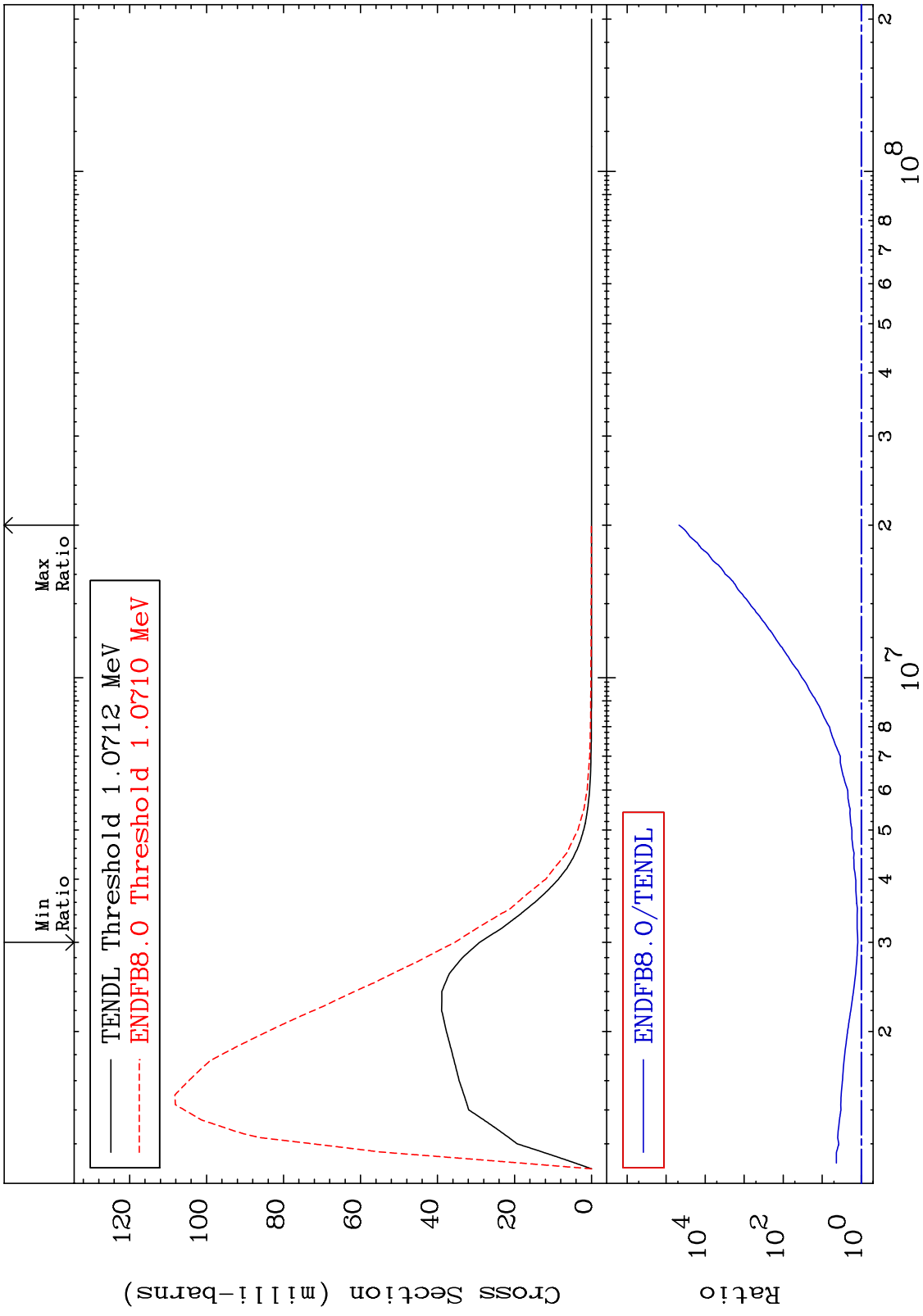
16 Incident Energy (eV) 47-Ag-107

MAT 4725 MT= 60 (n,n') Level Cross Section -37.71 To 9999. % 47-Ag-107

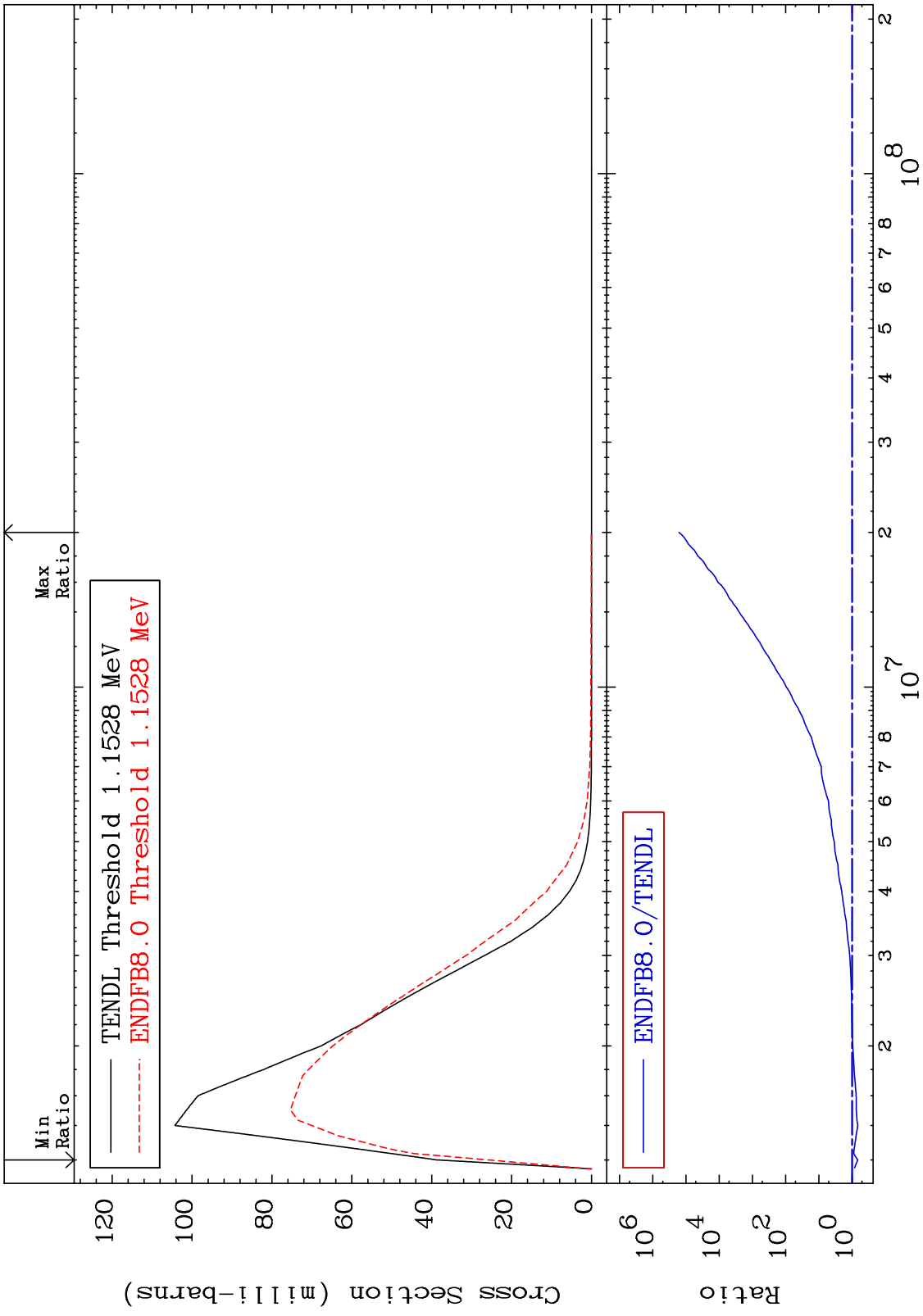


17 Incident Energy (eV) 47-Ag-107

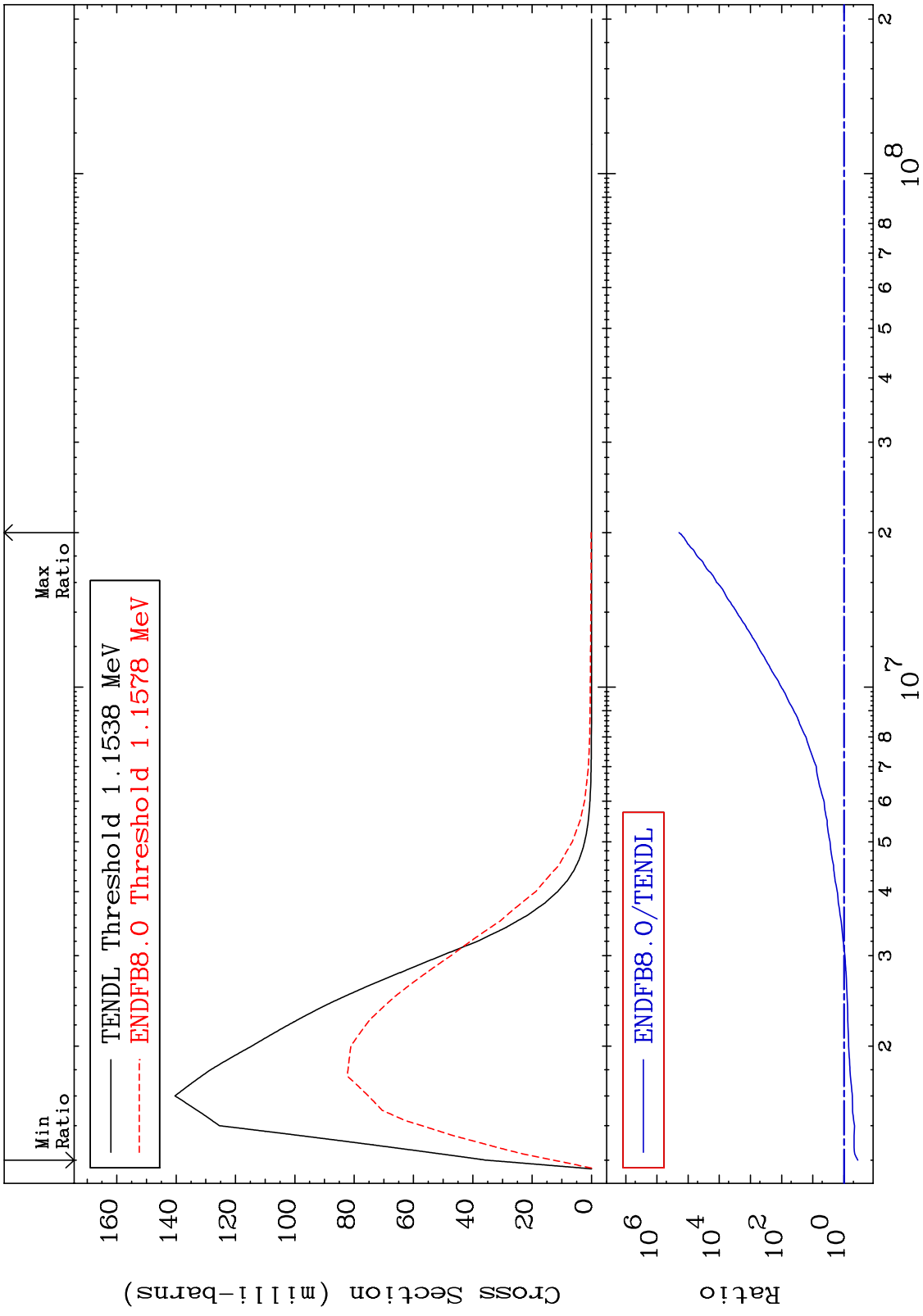
MAT 4725 MT= 61 (n,n') Level Cross Section 47-Ag-107 22.19 To 9999. %



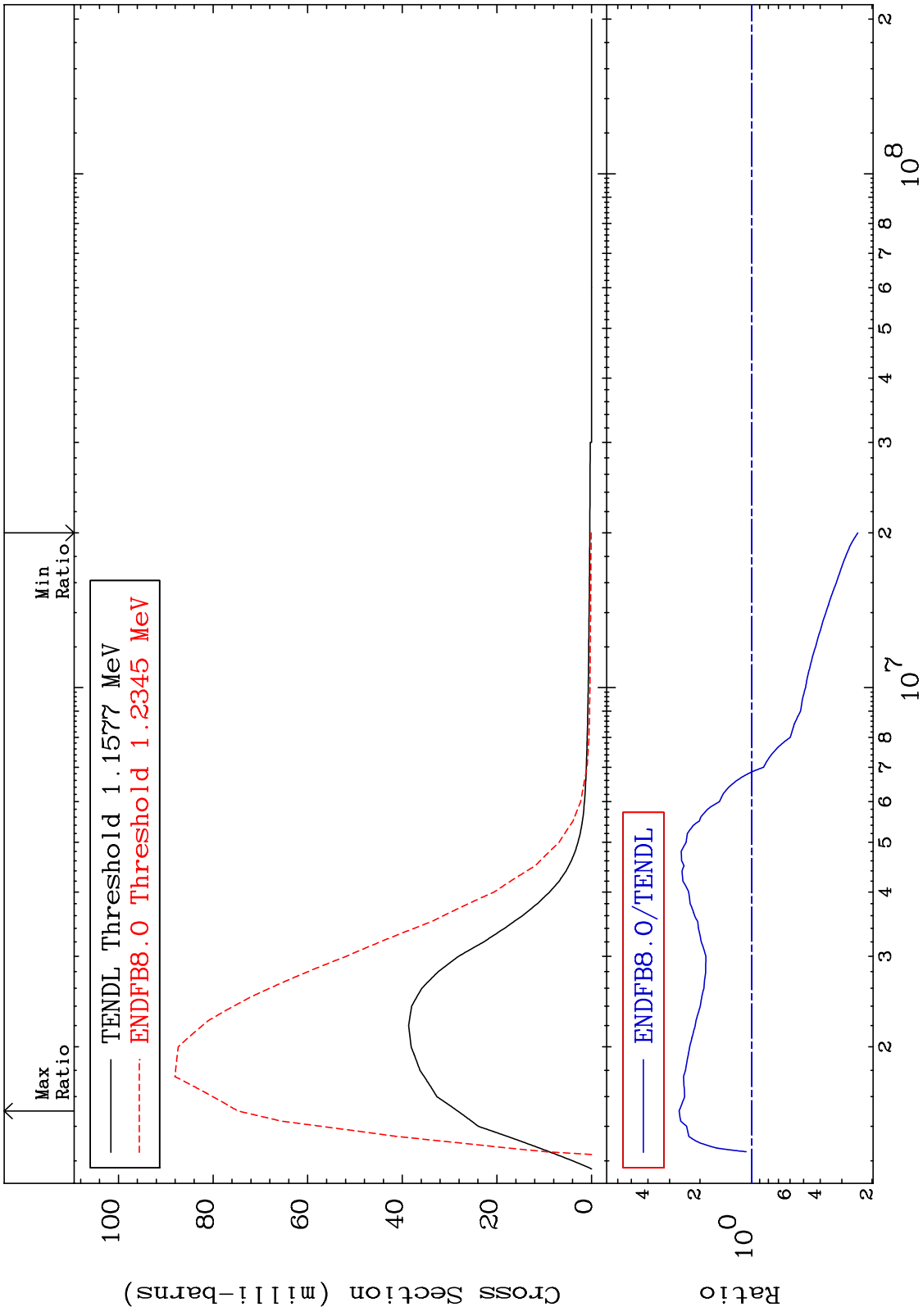
MAT 4725 MT= 62 (n,n') Level Cross Section -33.08 To 9999. % 47-Ag-107



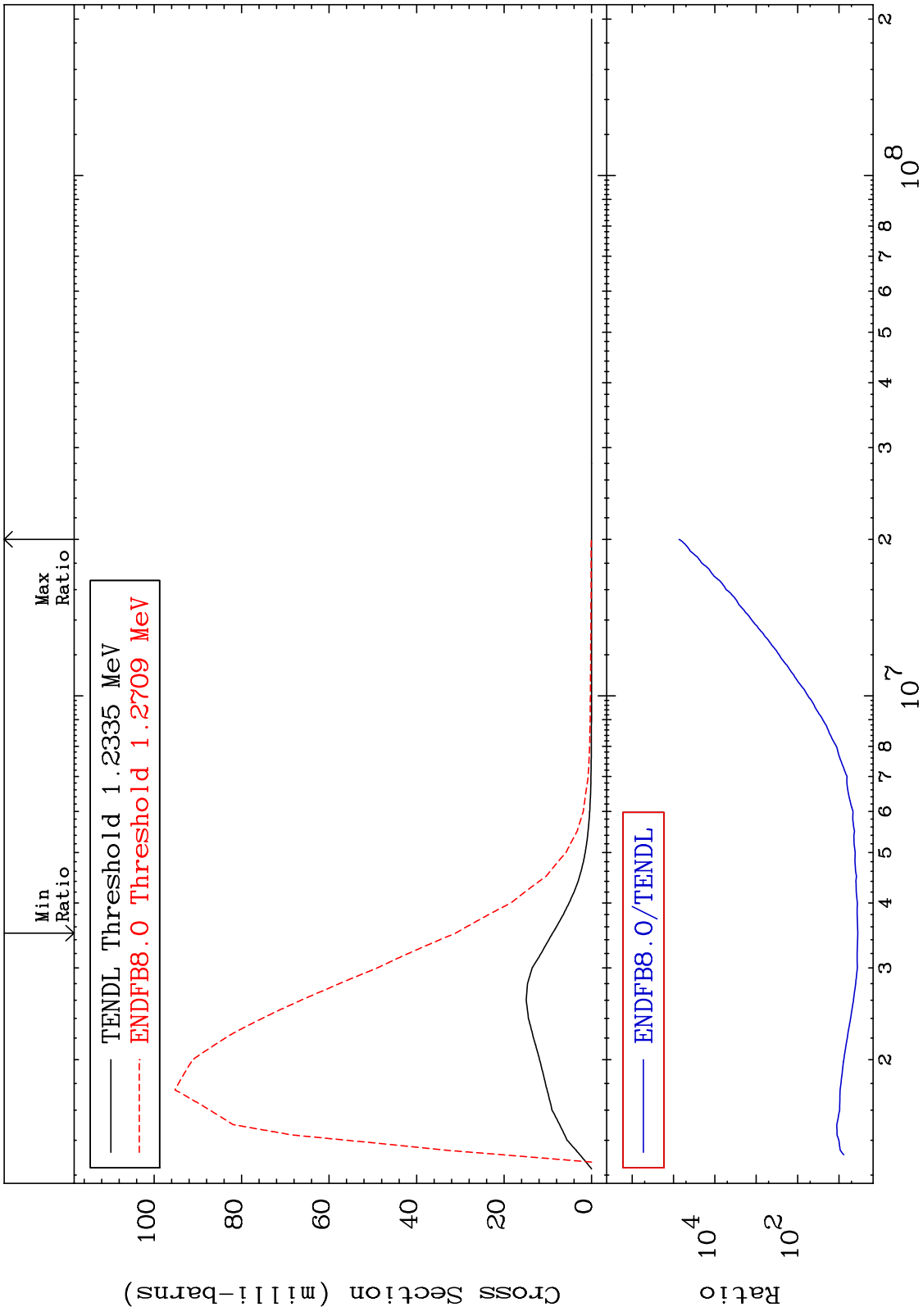
MAT 4725 MT= 63 (n,n') Level Cross Section -64.12 To 9999. % 47-Ag-107



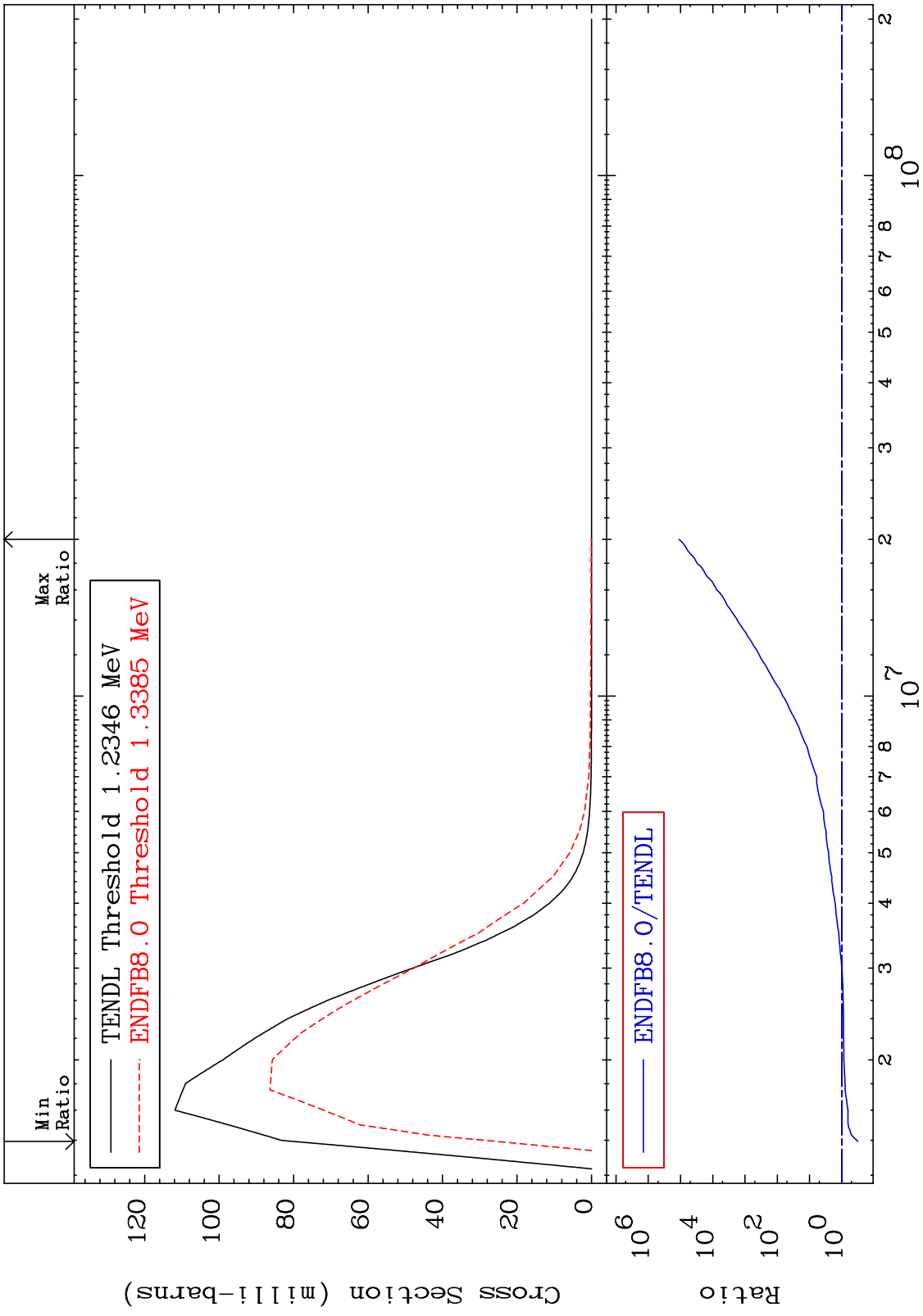
MAT 4725 MT= 64 (n,n') Level Cross Section -75.80 To 164.2 % 47-Ag-107



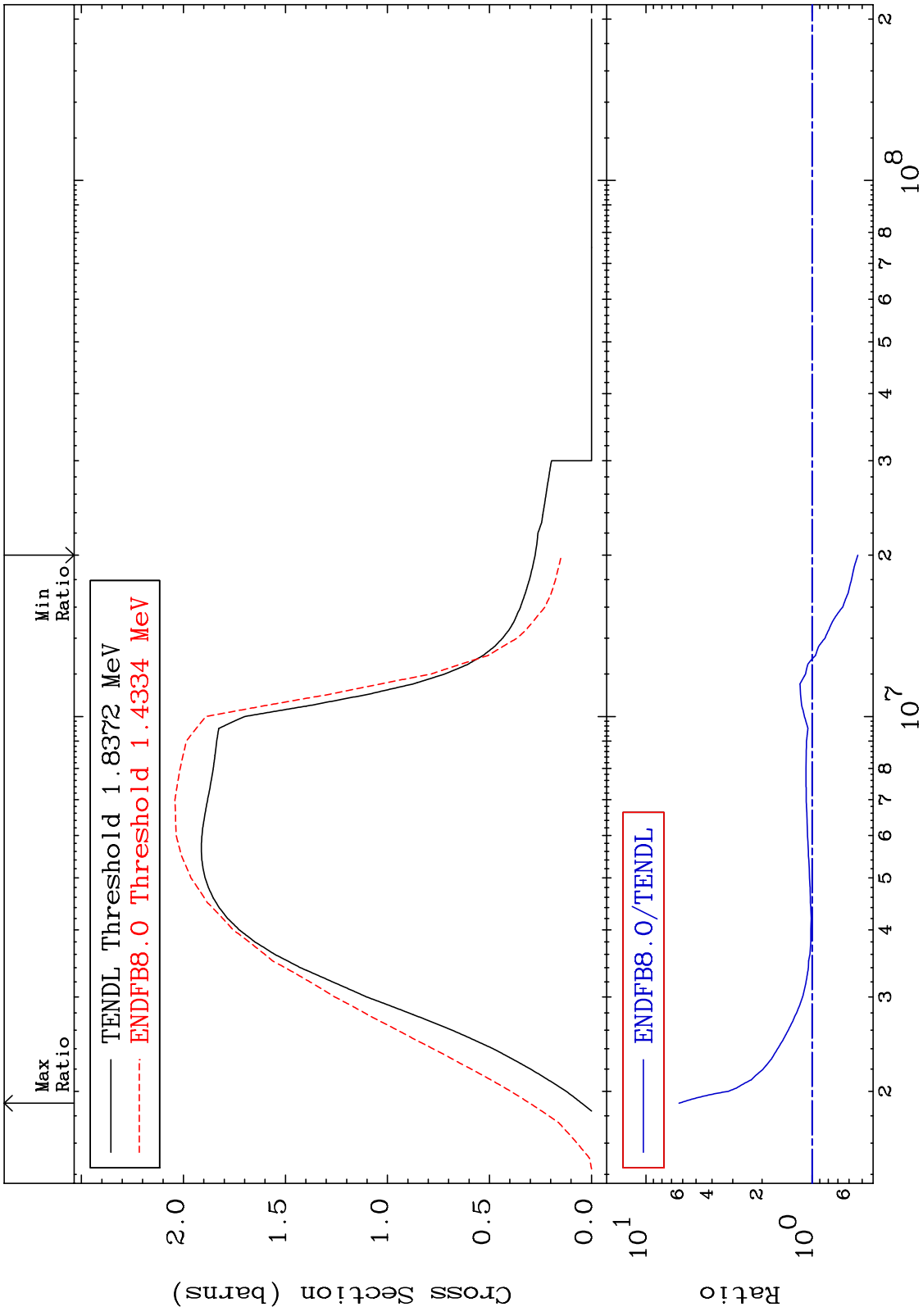
MAT 4725 MT= 65 (n,n') Level Cross Section 249.7 To 9999. % 47-Ag-107



MAT 4725 MT= 66 (n,n') Level Cross Section -68.18 To 9999. % 47-Ag-107



MAT 4725 (n,n') Continuum Cross Section 47-Ag-107 -46.93 To 531.7 %



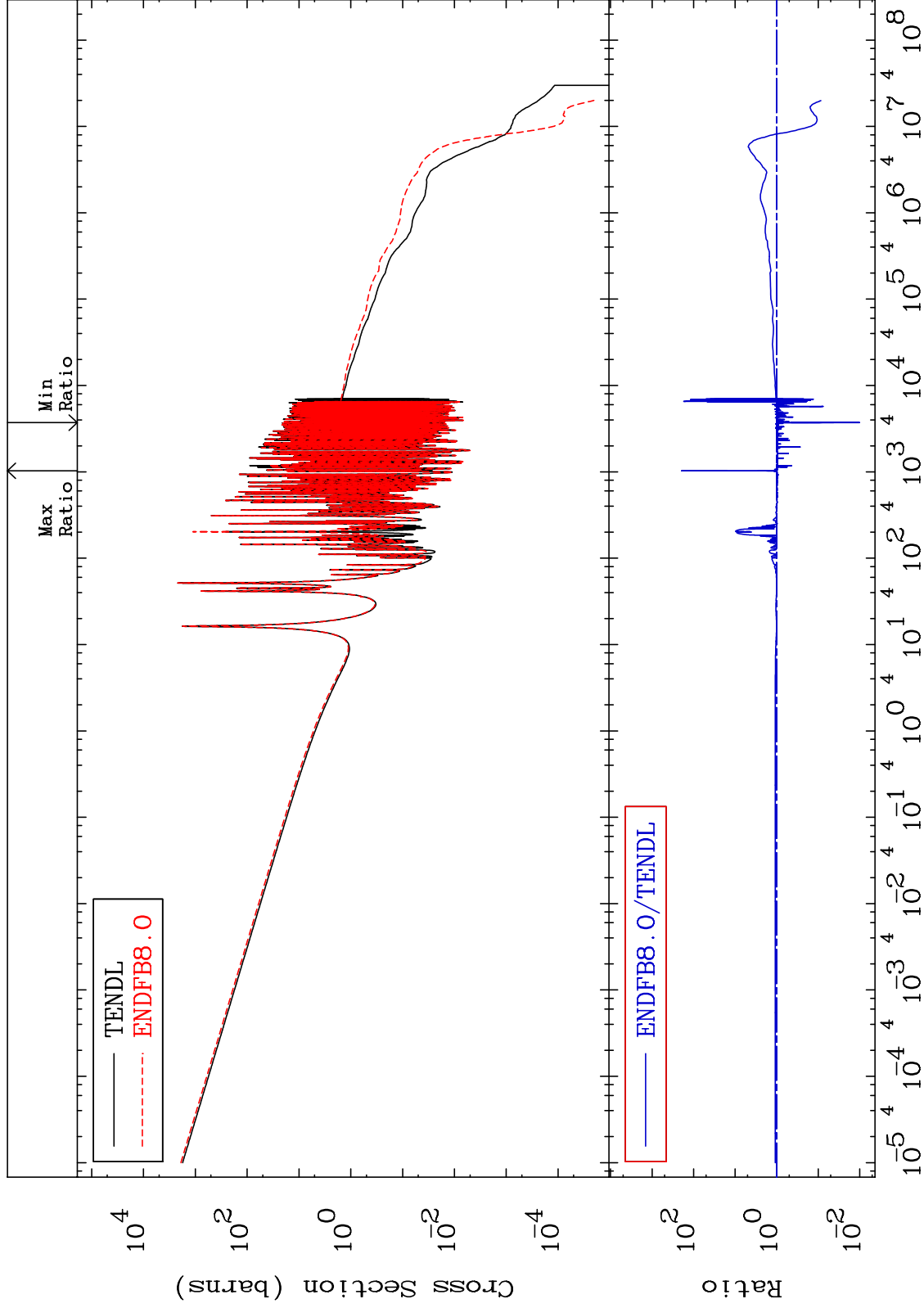
MAT 4725

(n, γ)

47-Ag-107

-99.00 To 9999. %

Cross Section

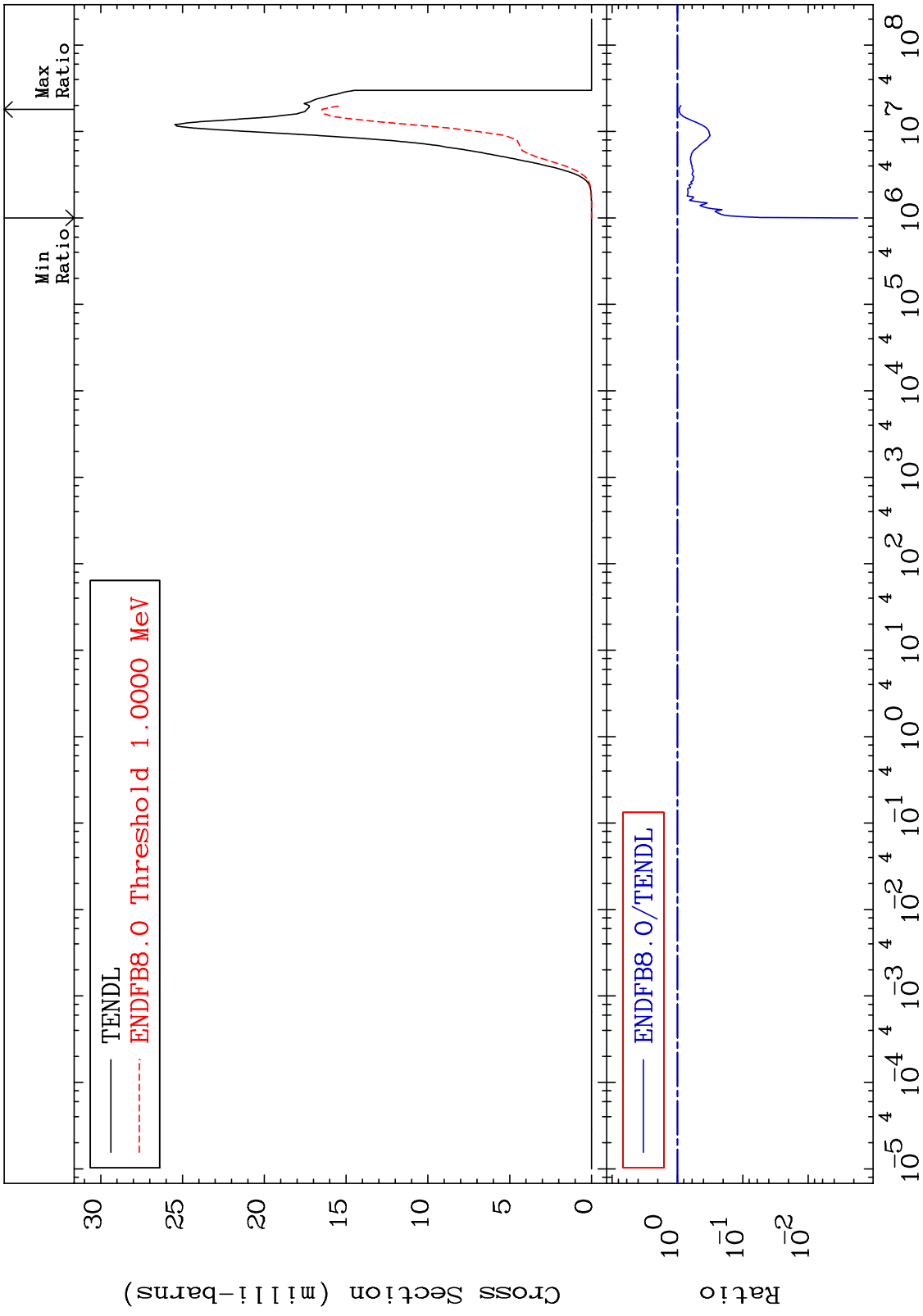


Incident Energy (eV)

47-Ag-107

25

MAT 4725 (n,p) Cross Section 47-Ag-107 -99.83 To -5.265%



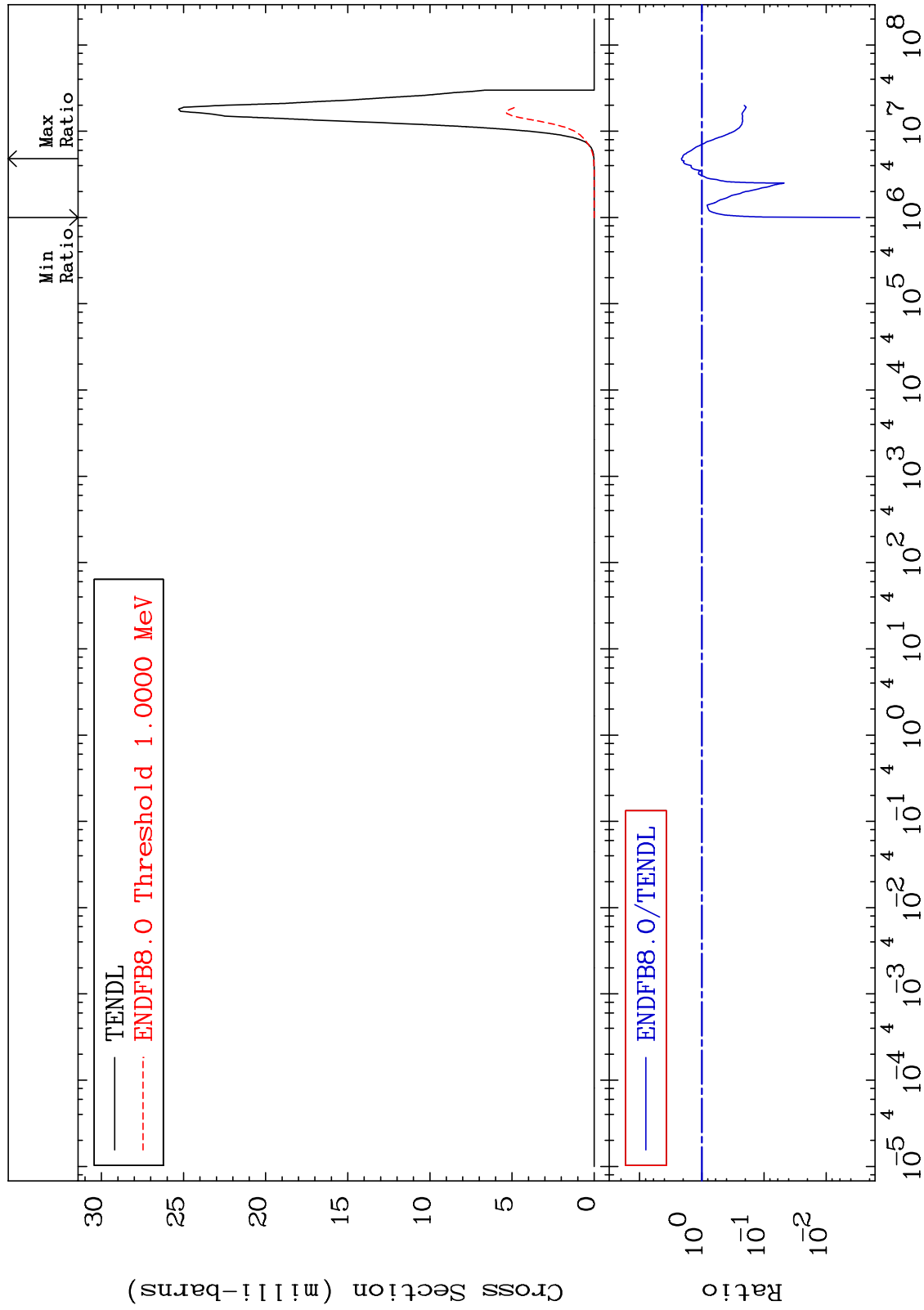
MAT 4725

(n, α)

47-Ag-107

Cross Section

-99.71 To 112.3 %



27

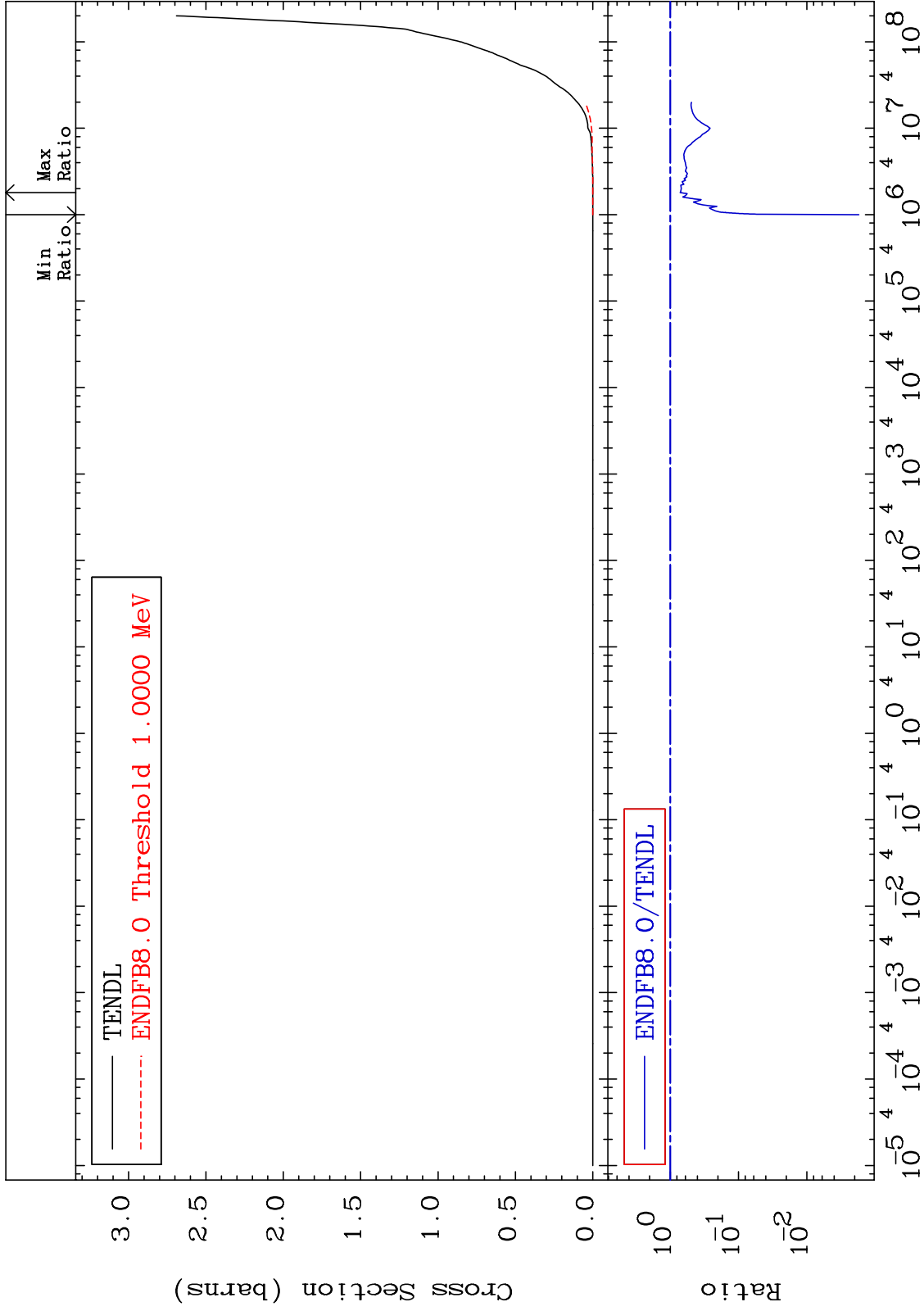
Incident Energy (eV)

47-Ag-107

MAT 4725

Hydrogen Production Cross Section

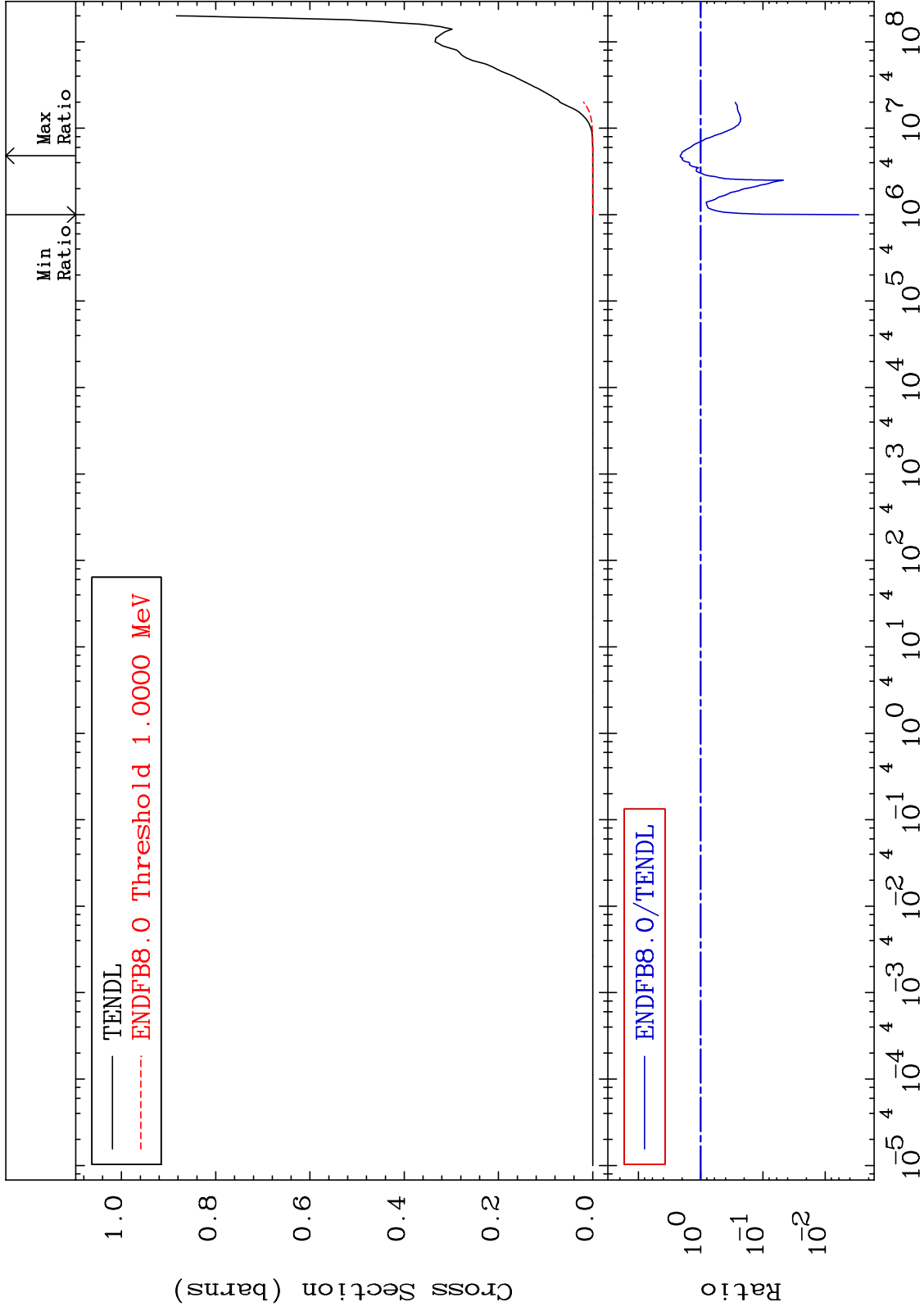
47-Ag-107
-99.83 To -28.56%



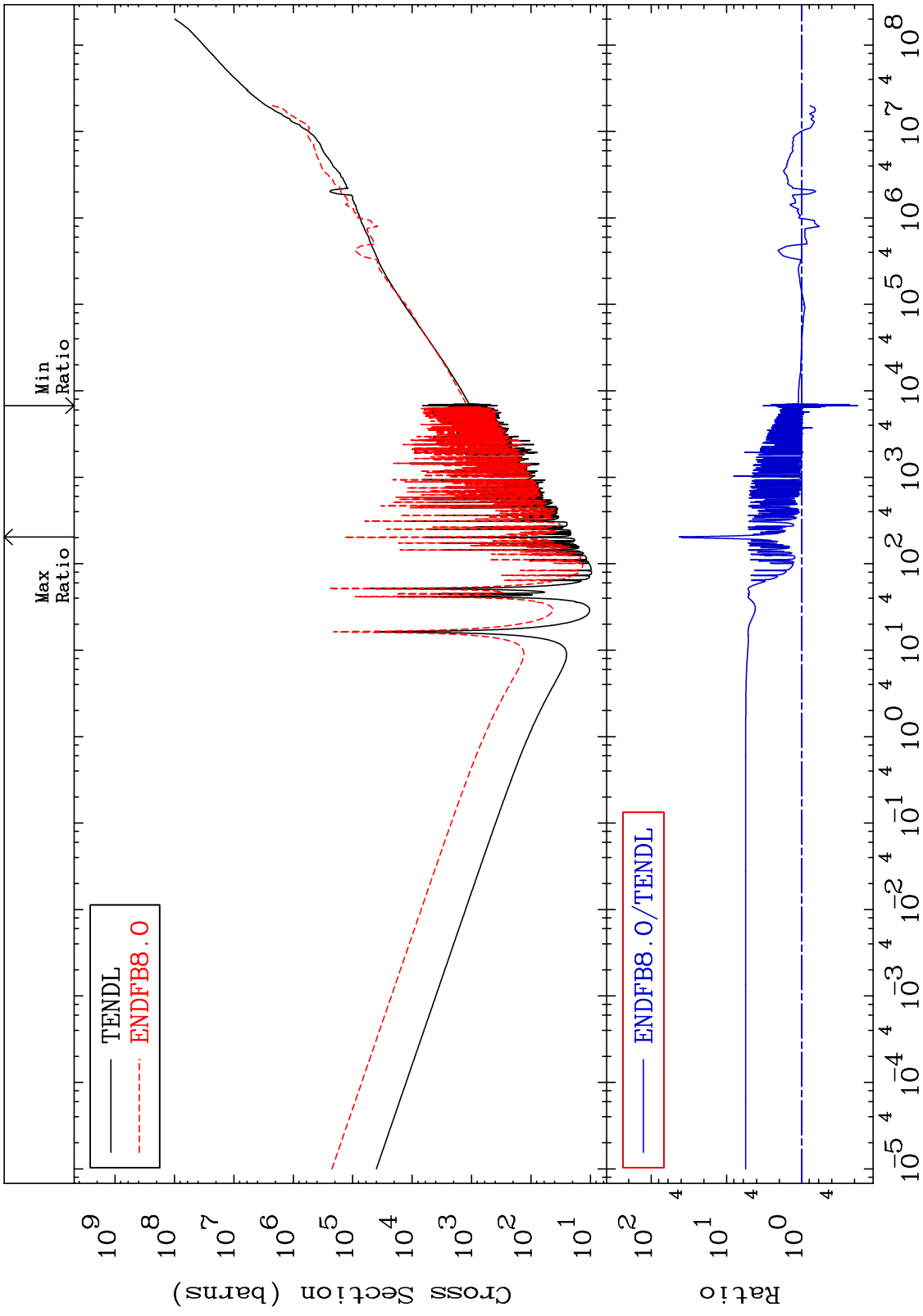
MAT 4725

He-4 Production
Cross Section

47-Ag-107
-99.71 To 113.8 %



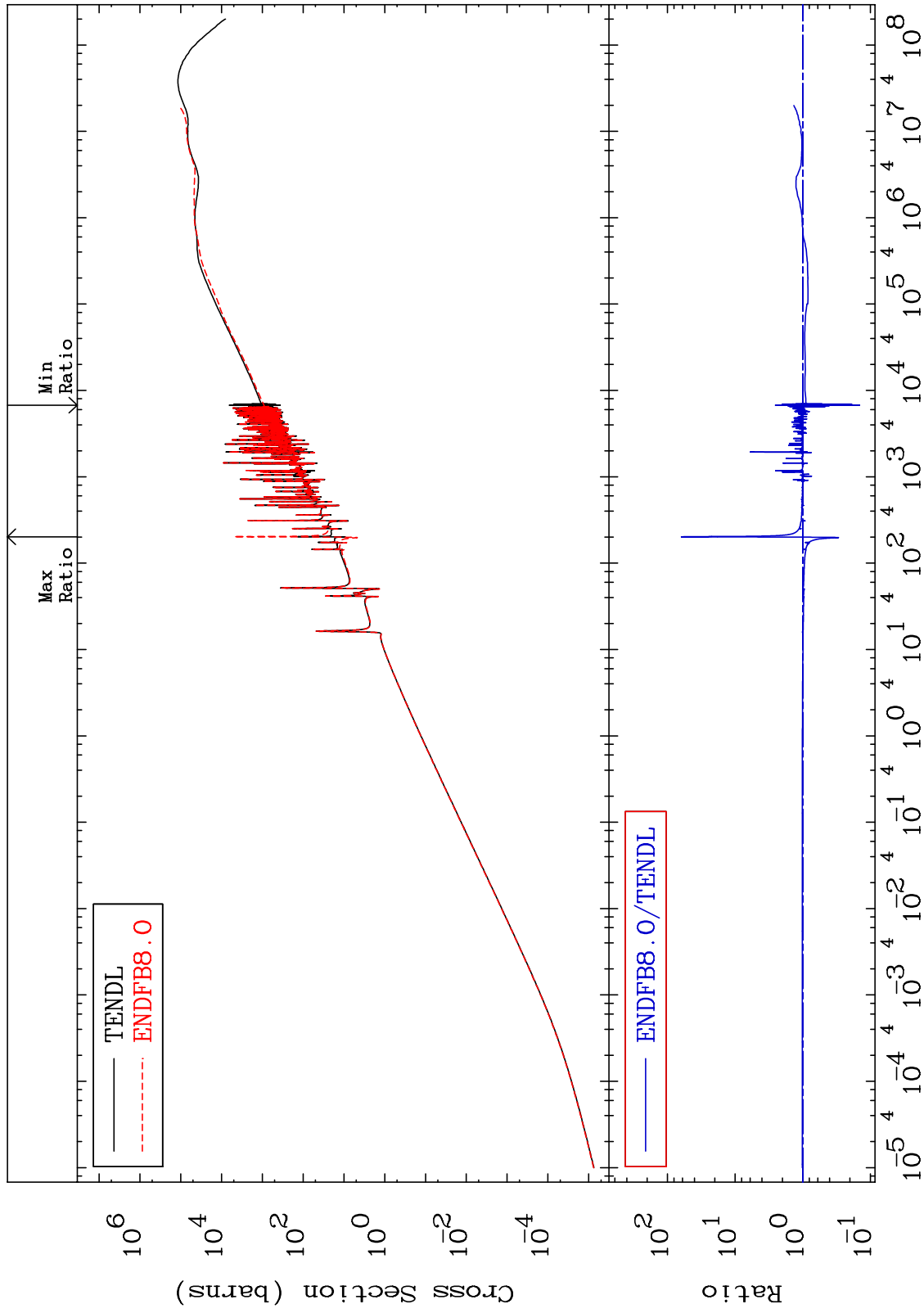
MAT 4725 Kerma total (eV-barns) 47-Ag-107
 Cross Section -81.91 To 4179. %



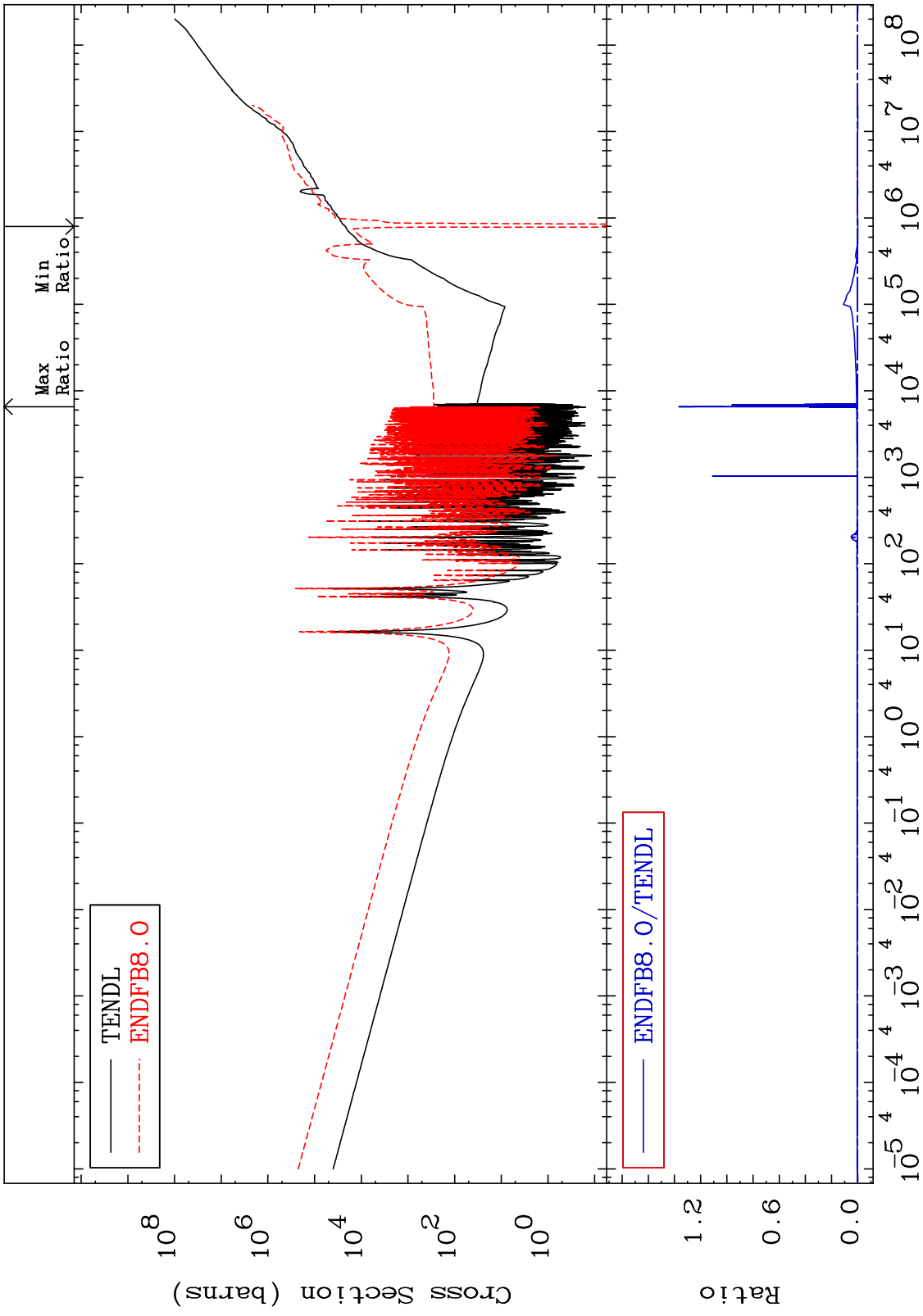
MAT 4725

Kerma elastic
Cross Section

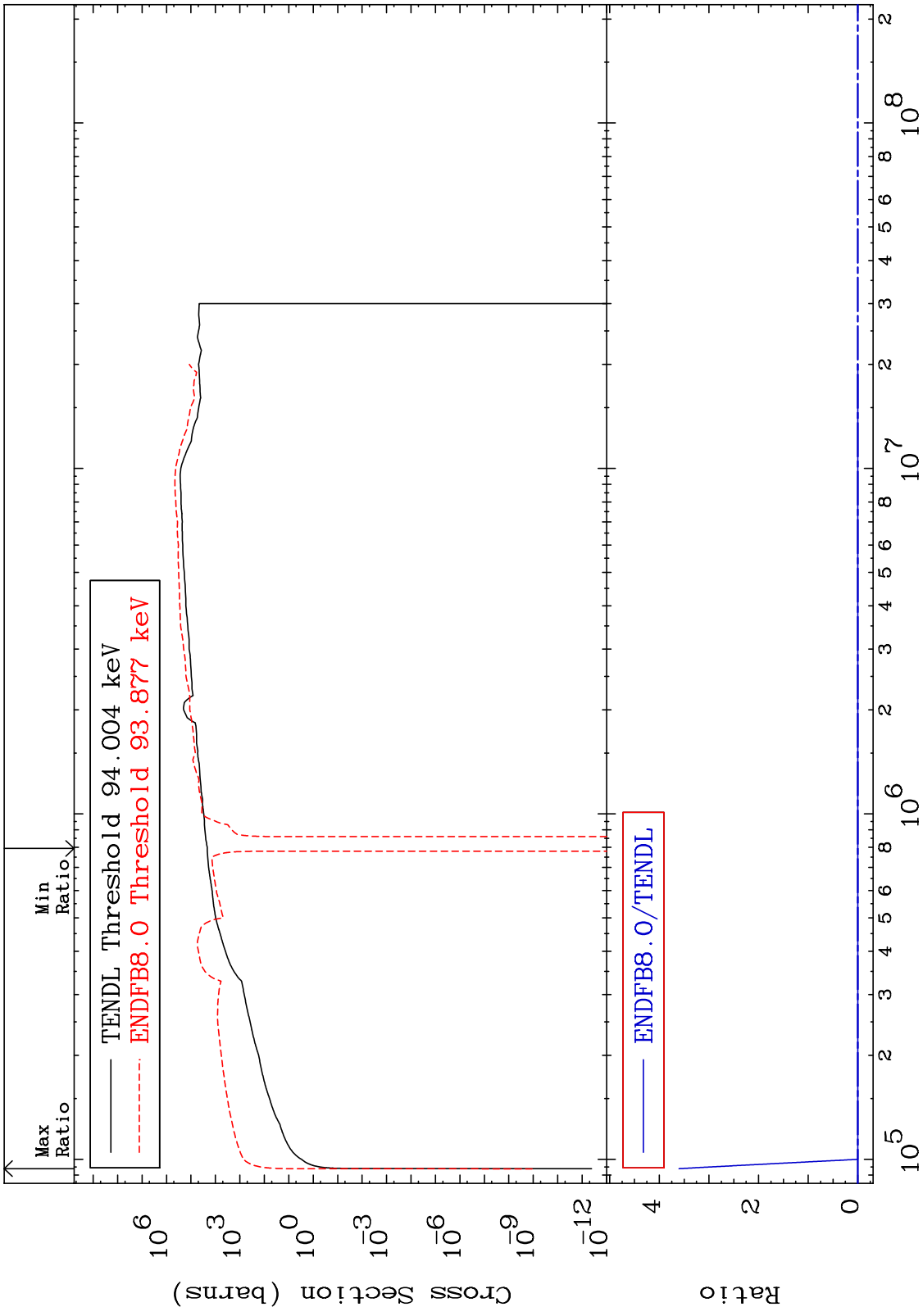
47-Ag-107
-85.67 To 6161. %



MAT 4725 Kerma non-elastic (all but mt2) 47-Ag-107
 Cross Section -128.3 To 9999. %



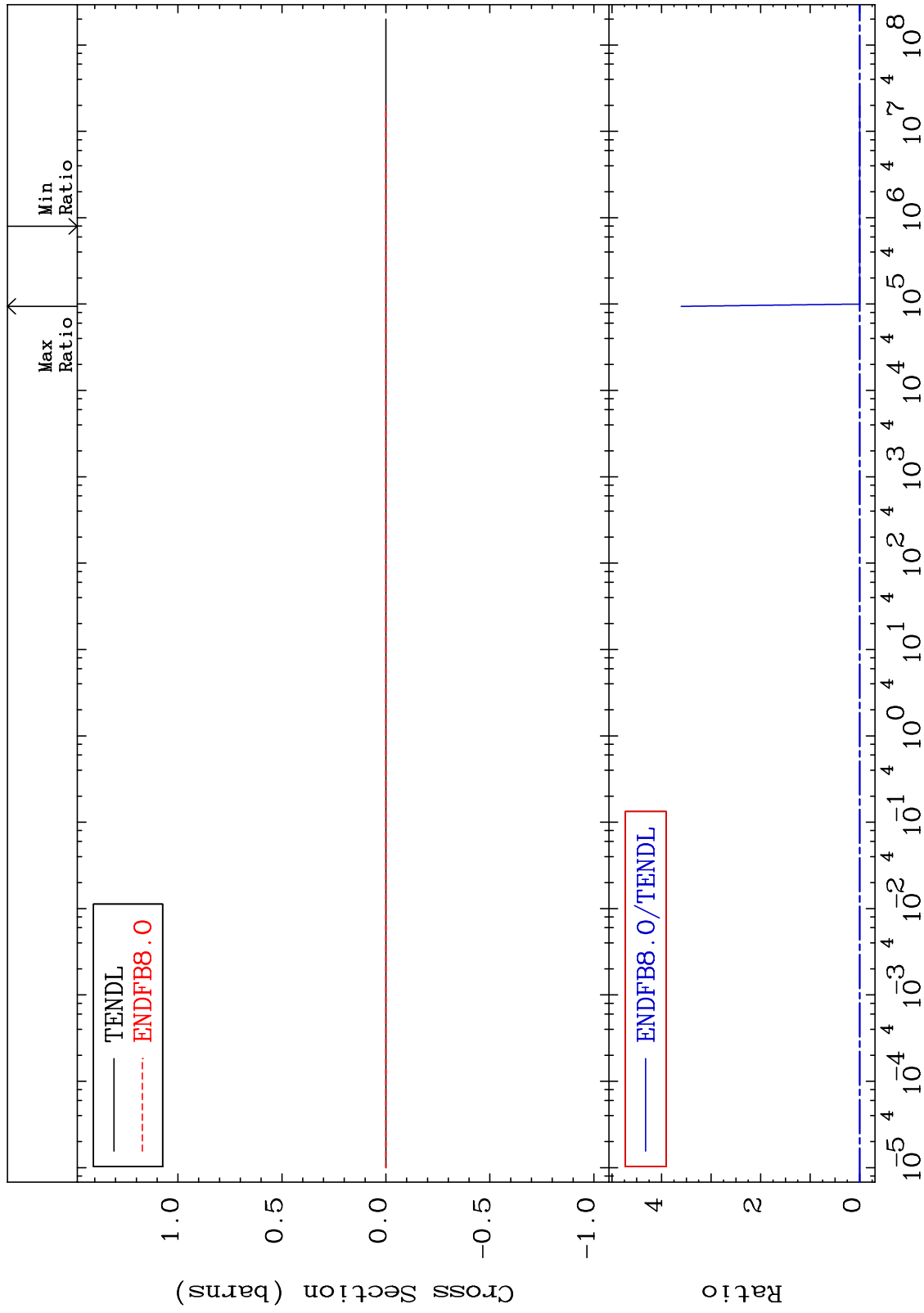
MAT 4725 Kerma inelastic (mt51-91) 47-Ag-107
 Cross Section -132.4 To 9999. %



MAT 4725

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

47-Ag-107
-132.4 To 9999. %



34

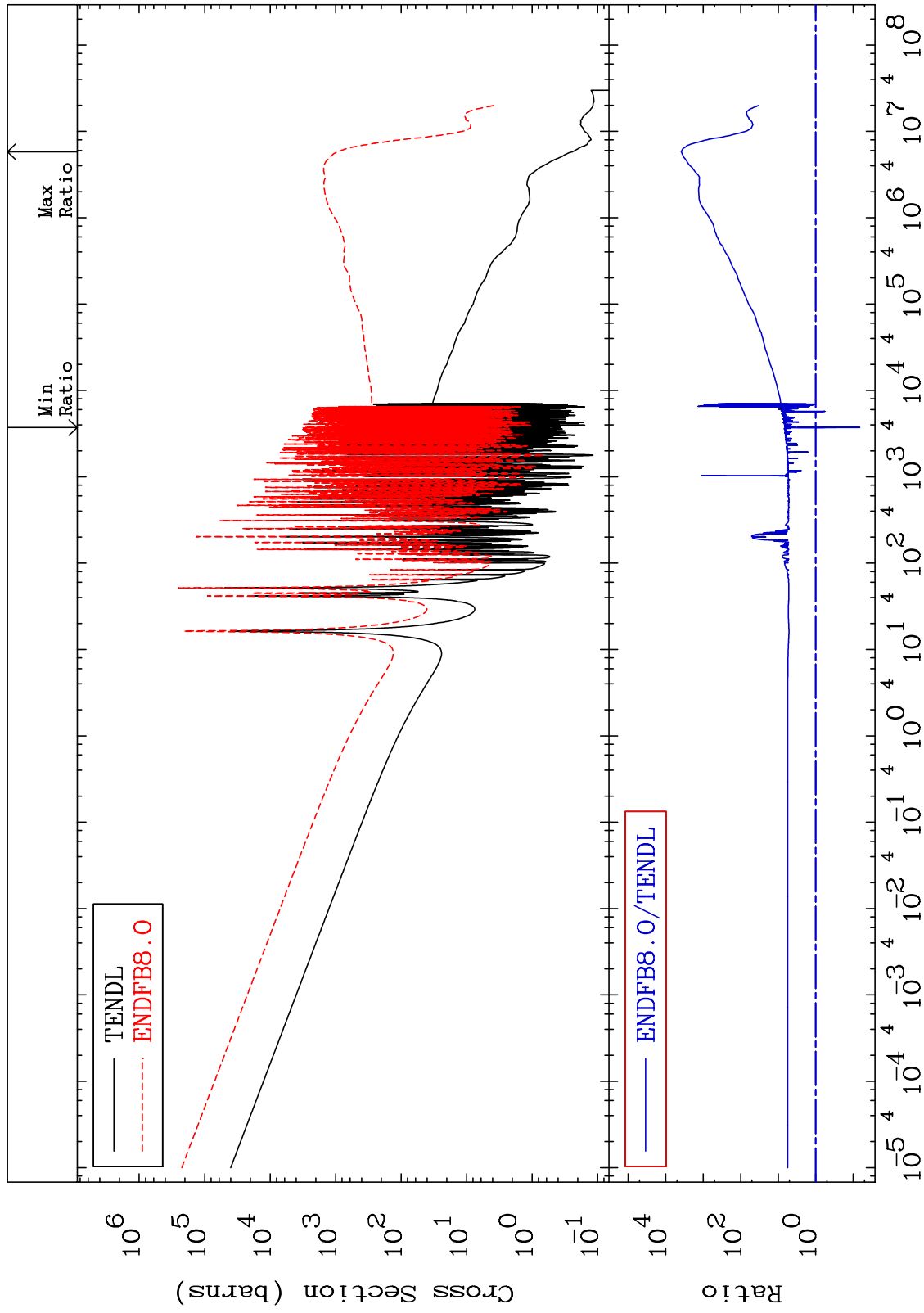
Incident Energy (eV)

47-Ag-107

MAT 4725

Kerma capture (mt102)
Cross Section

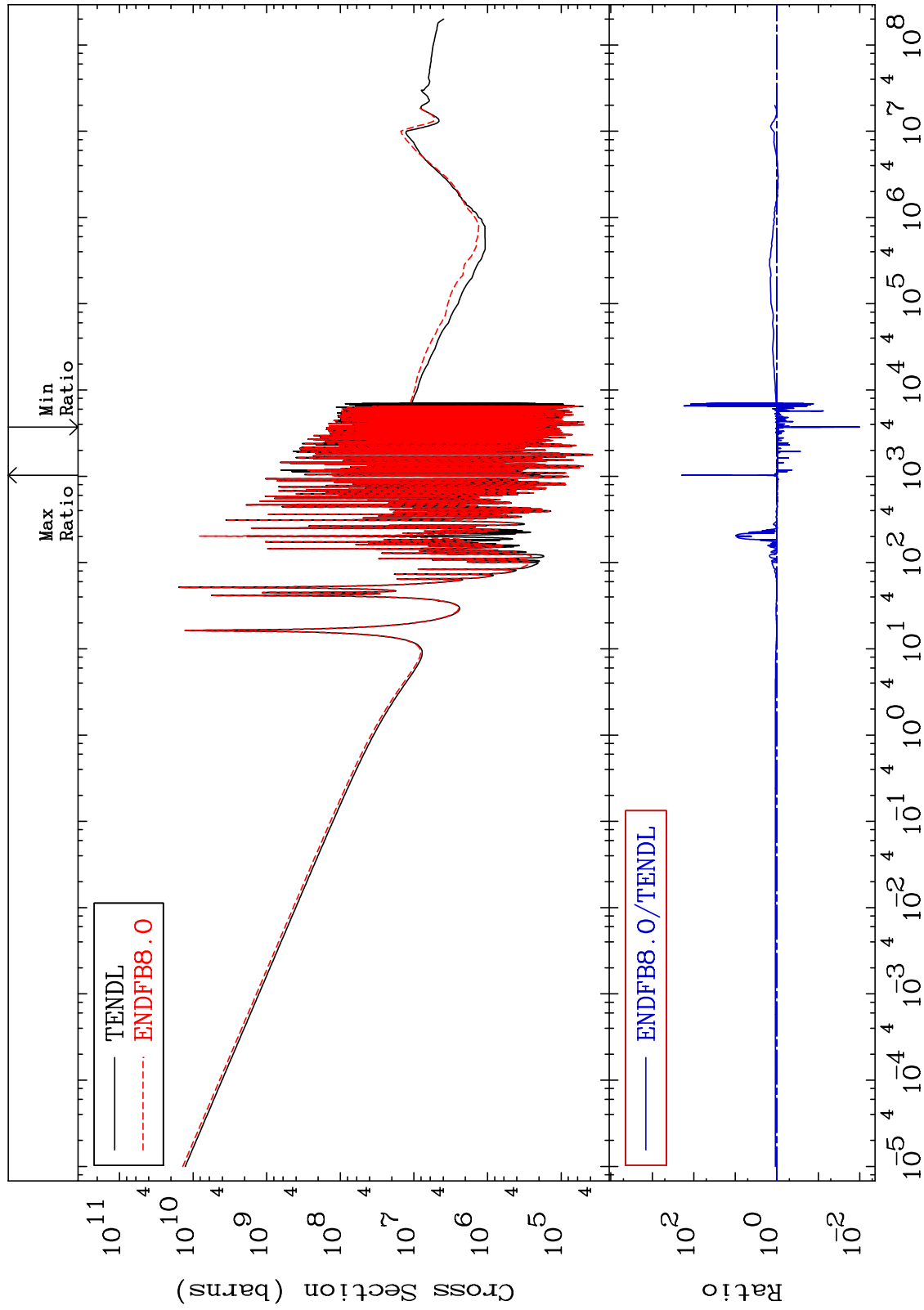
47-Ag-107
-93.31 To 9999. %



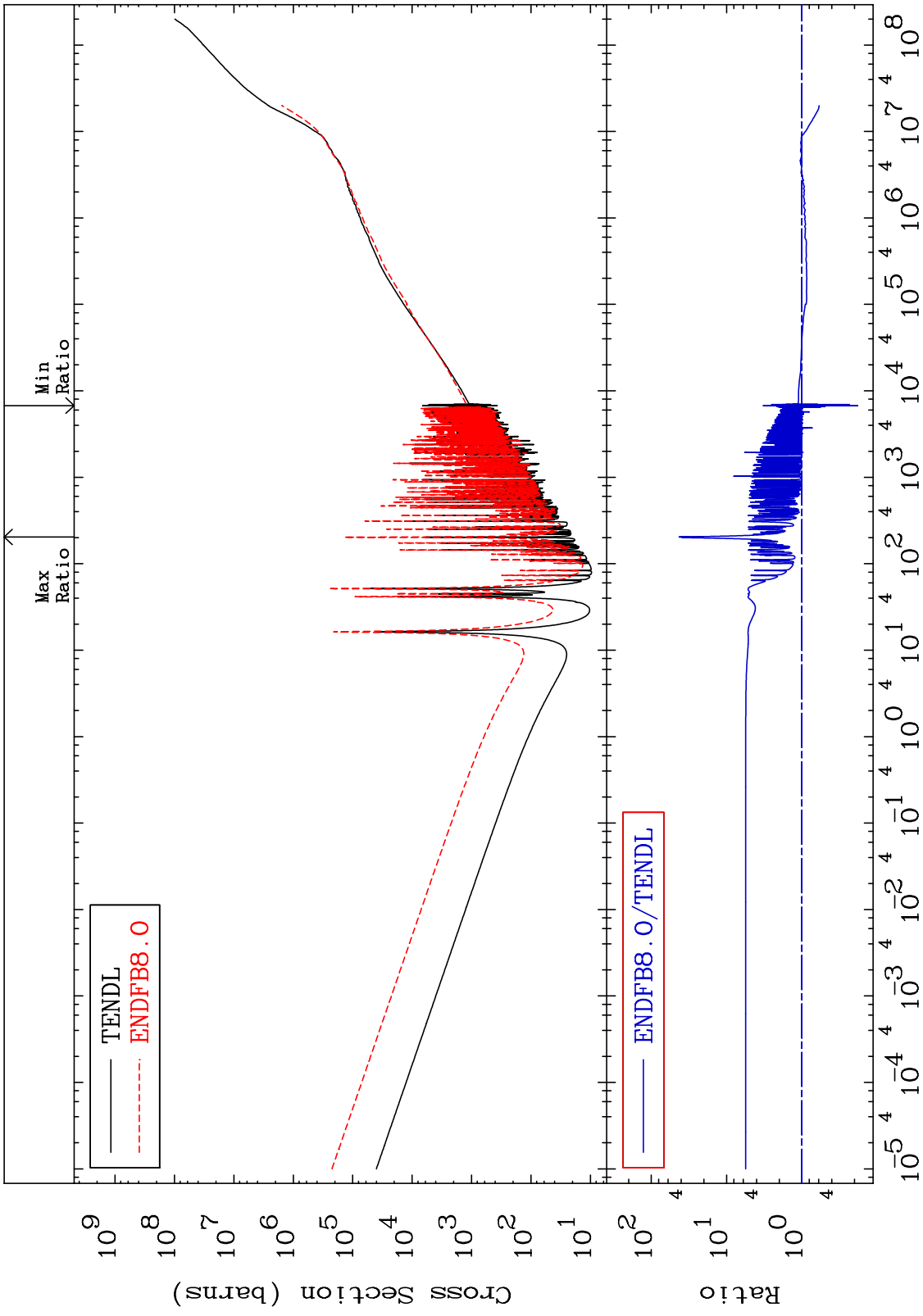
MAT 4725

Total photon (eV-barns)
Cross Section

47-Ag-107
-99.00 To 9999. %



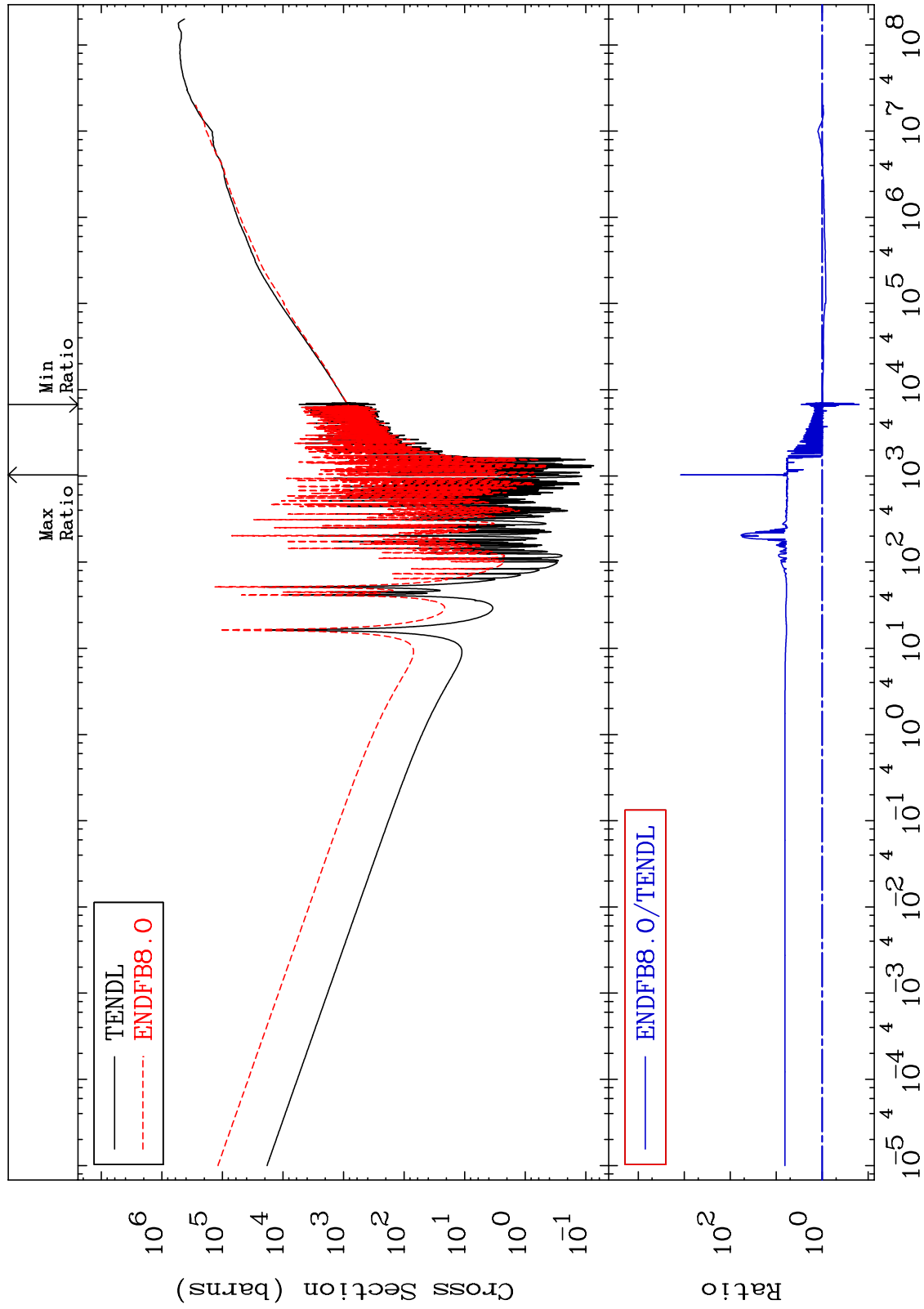
MAT 4725 Total kinematic kerma (high limit) 47-Ag-107
 Cross Section -81.91 To 4179. %



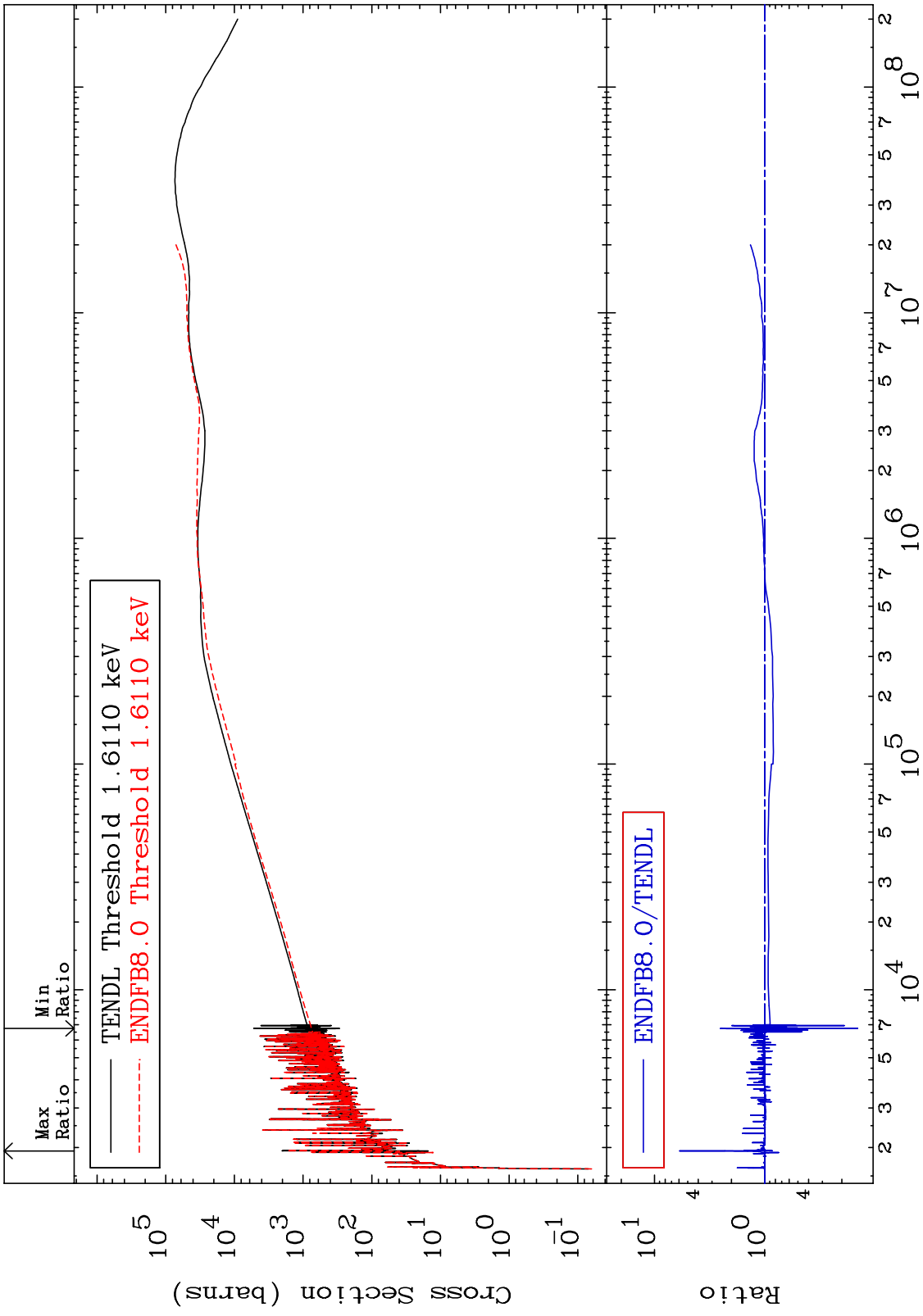
MAT 4725

Dpa total (eV-barns)
Cross Section

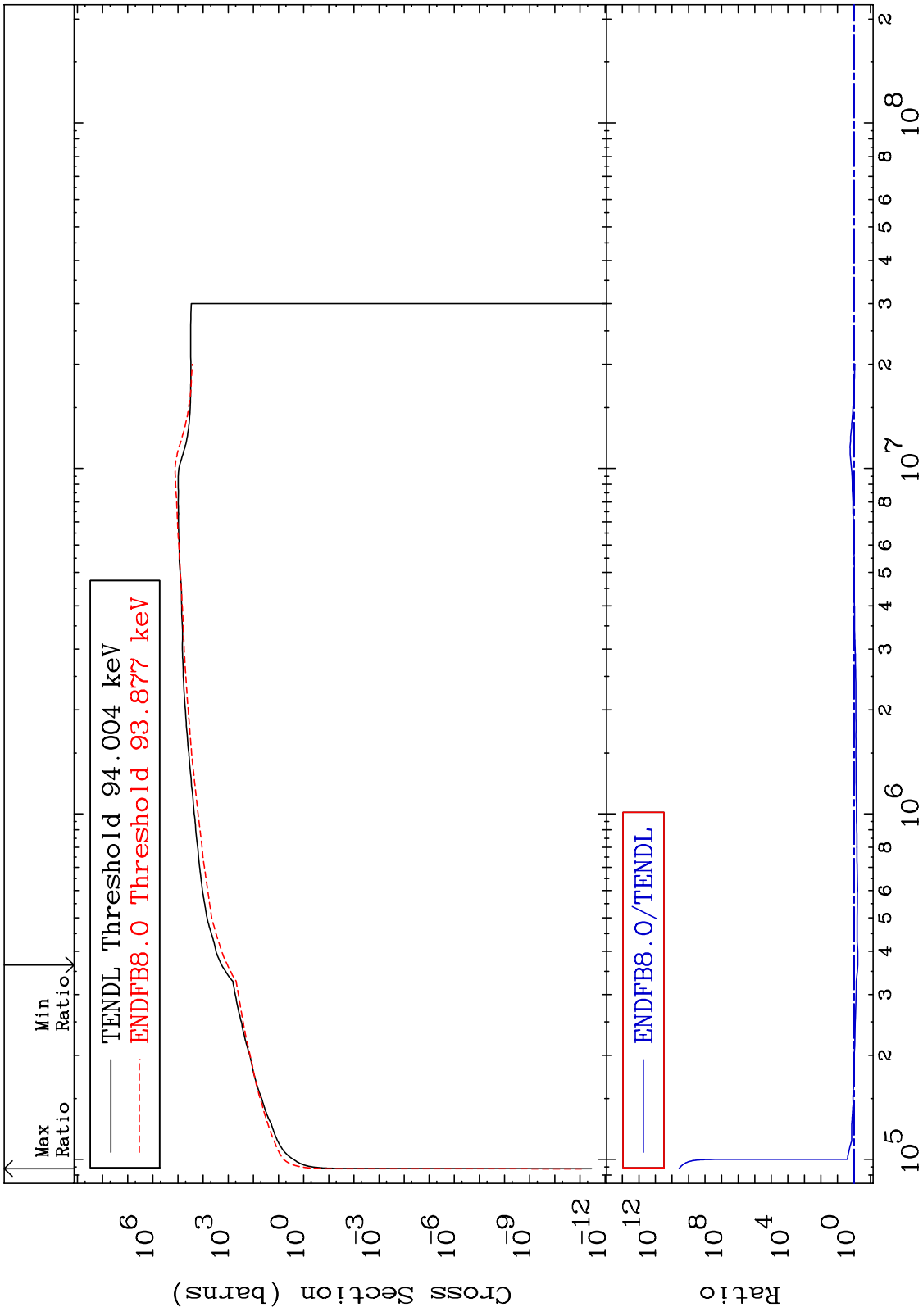
47-Ag-107
-84.17 To 9999. %



MAT 4725 Dpa elastic (mt2) 47-Ag-107
 Cross Section -85.70 To 498.0 %



MAT 4725 Dpa inelastic (mt51-91) 47-Ag-107
Cross Section -41.34 To 9999. %



40 Incident Energy (eV) 47-Ag-107

MAT 4725

Dpa disappearance (mt102 -120)
Cross Section

47-Ag-107
-94.03 To 9999. %

