

Program Complot
(Version 2018-1)

by

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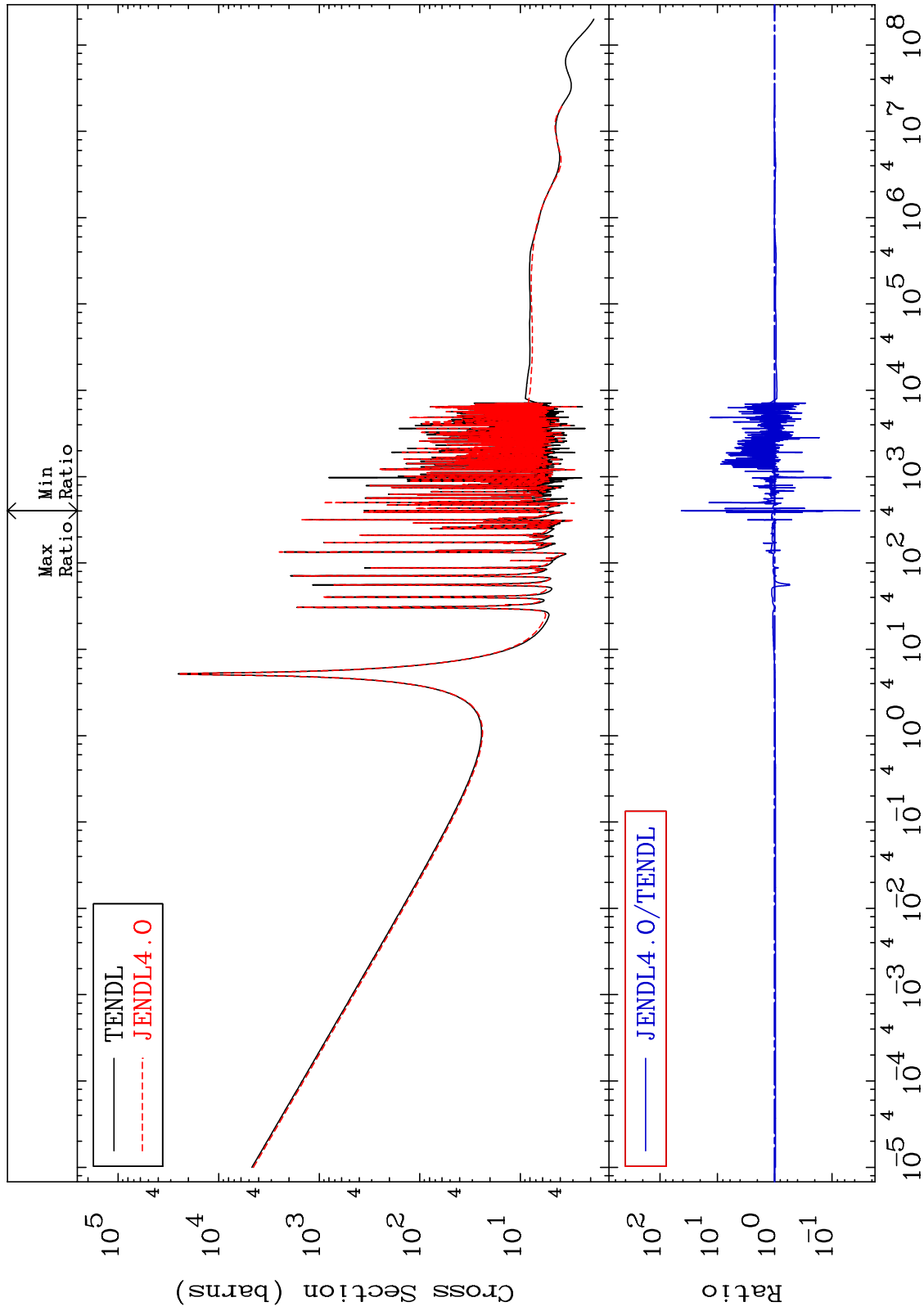
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4731

Total
Cross Section

47-Ag-109
-96.73 To 4173. %

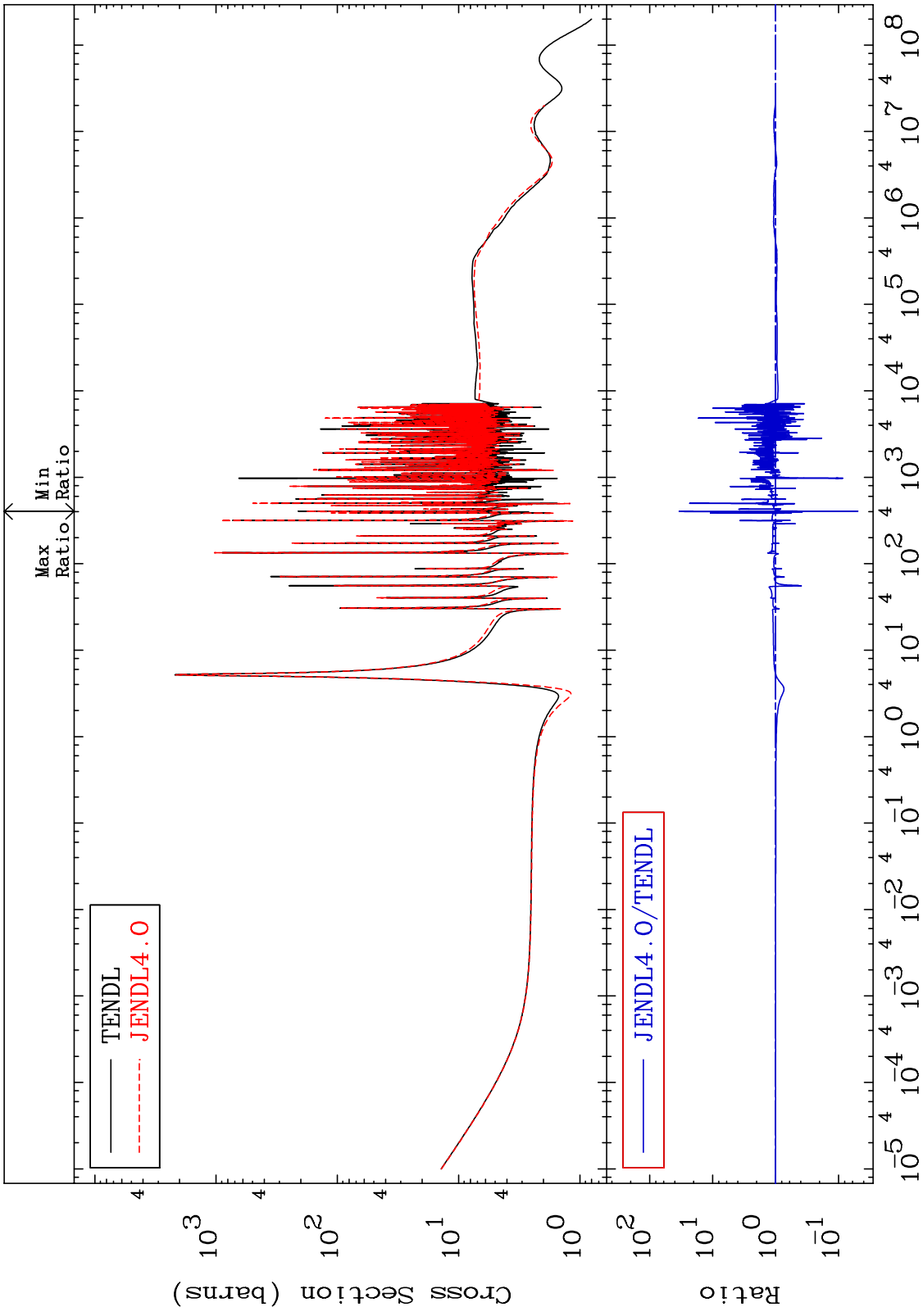


1

Incident Energy (eV)

47-Ag-109

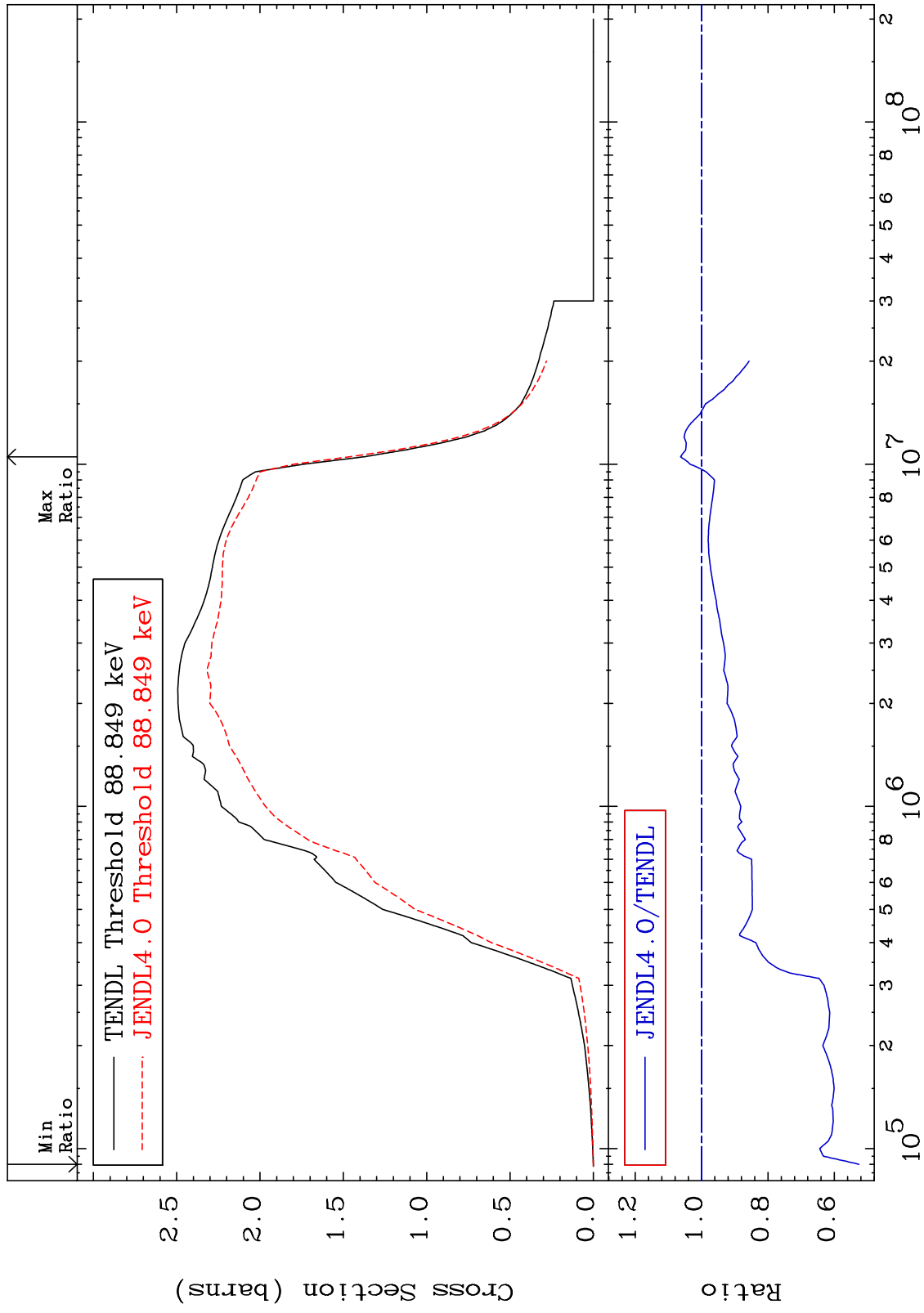
MAT 4731 Elastic Cross Section 47-Ag-109 -95.06 To 3320. %



MAT 4731

Inelastic
Cross Section

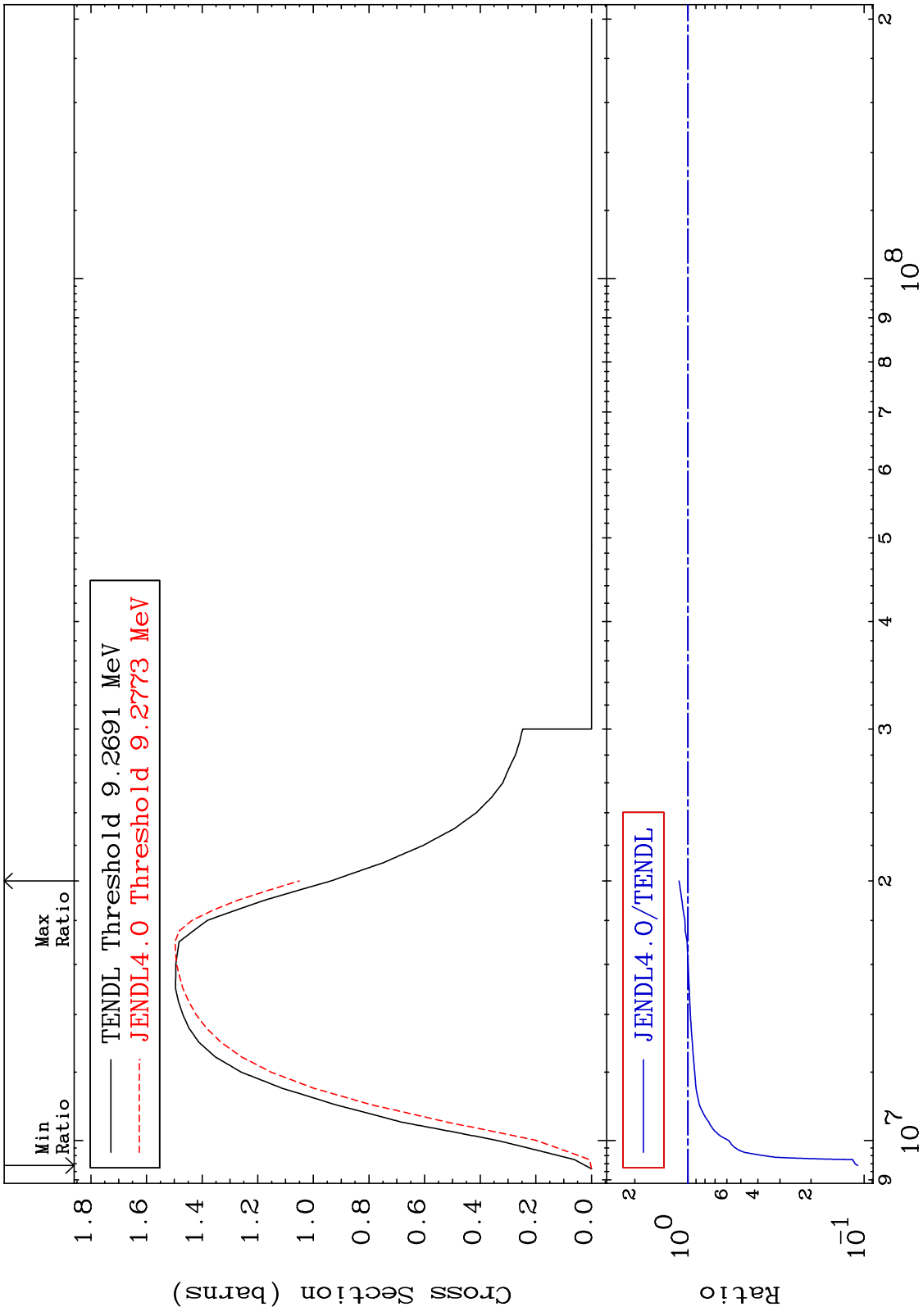
47-Ag-109
-47.44 To 6.331 %



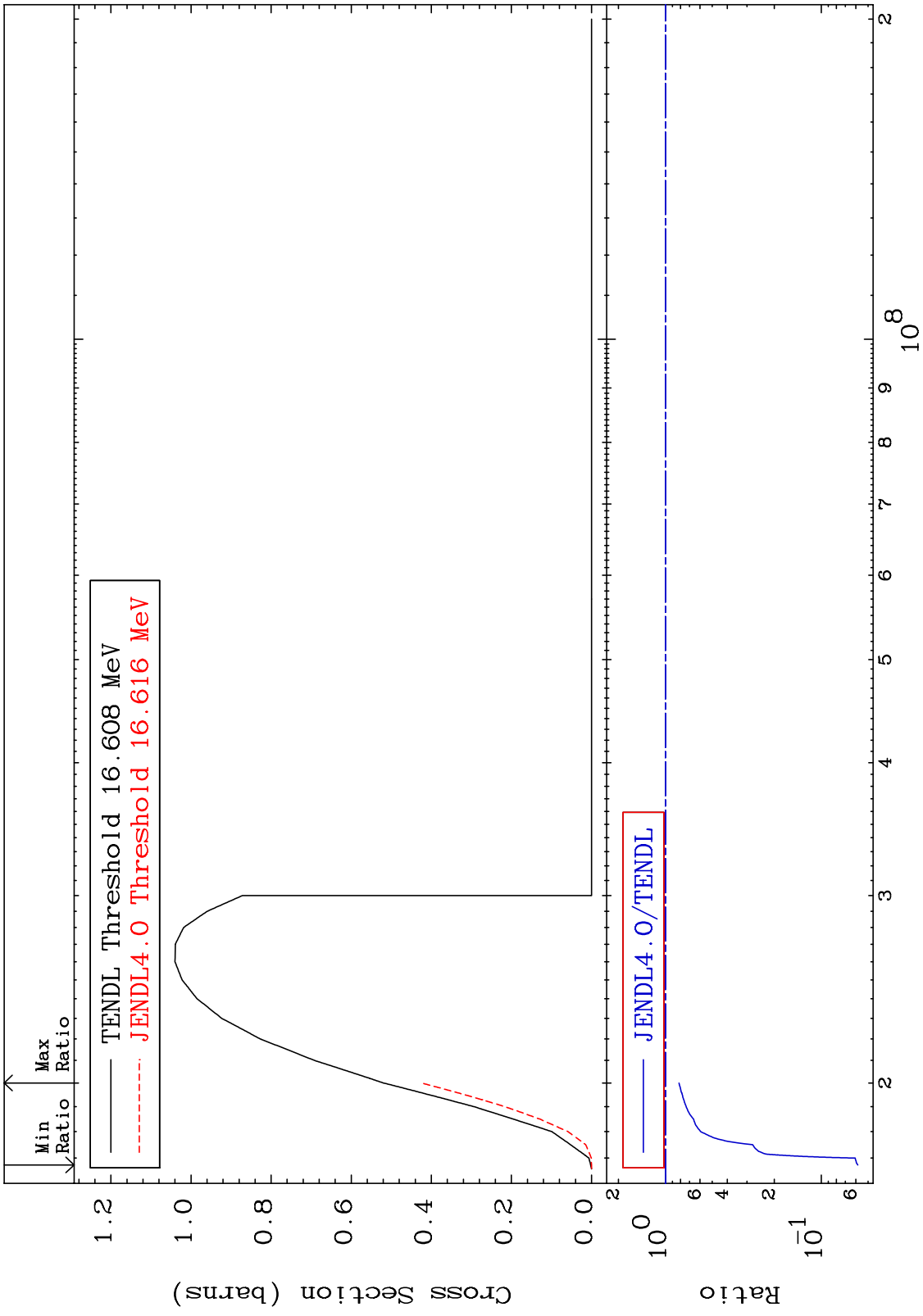
3

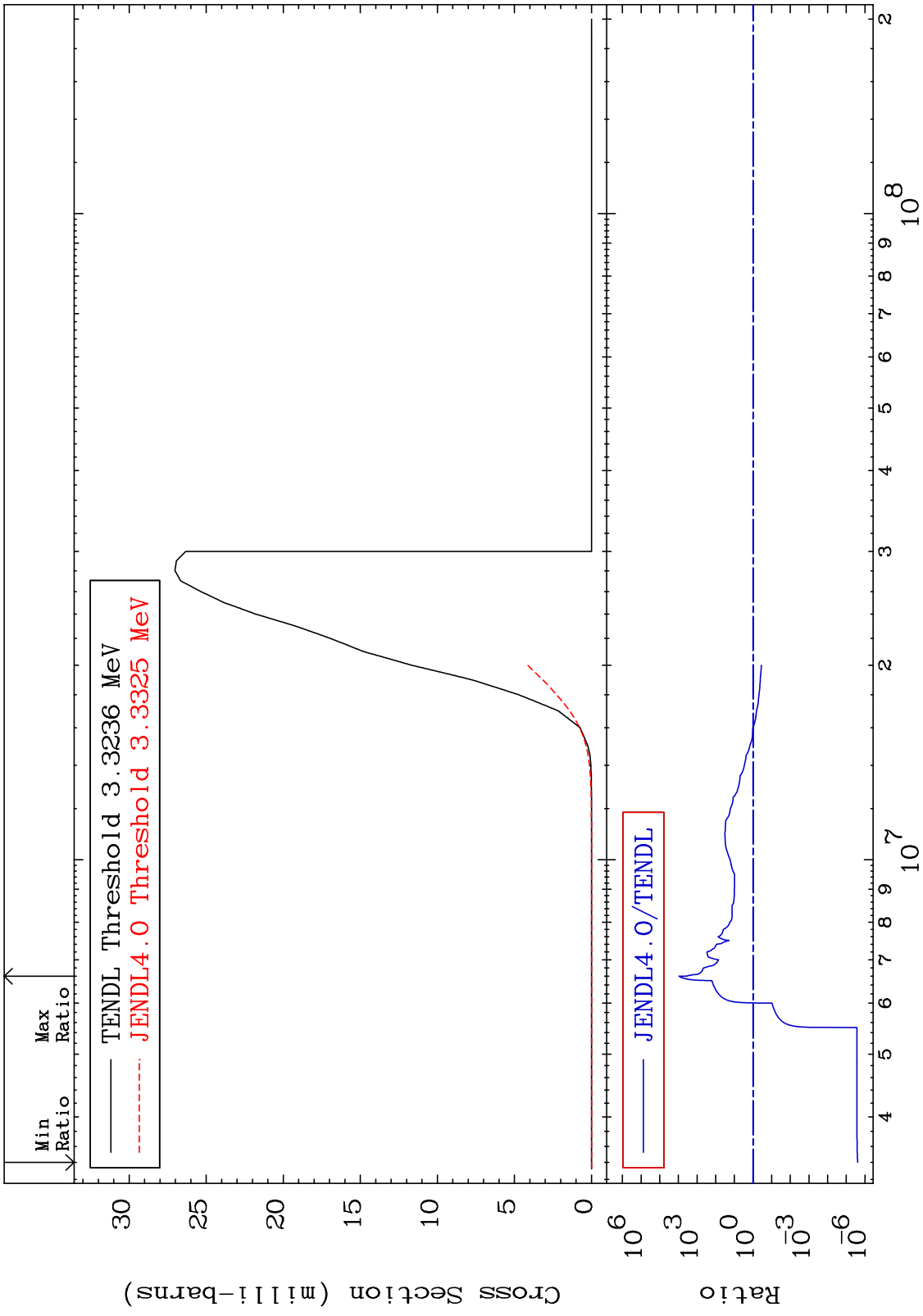
47-Ag-109

MAT 4731 (n,2n) 47-Ag-109
 Cross Section -89.15 To 12.20 %

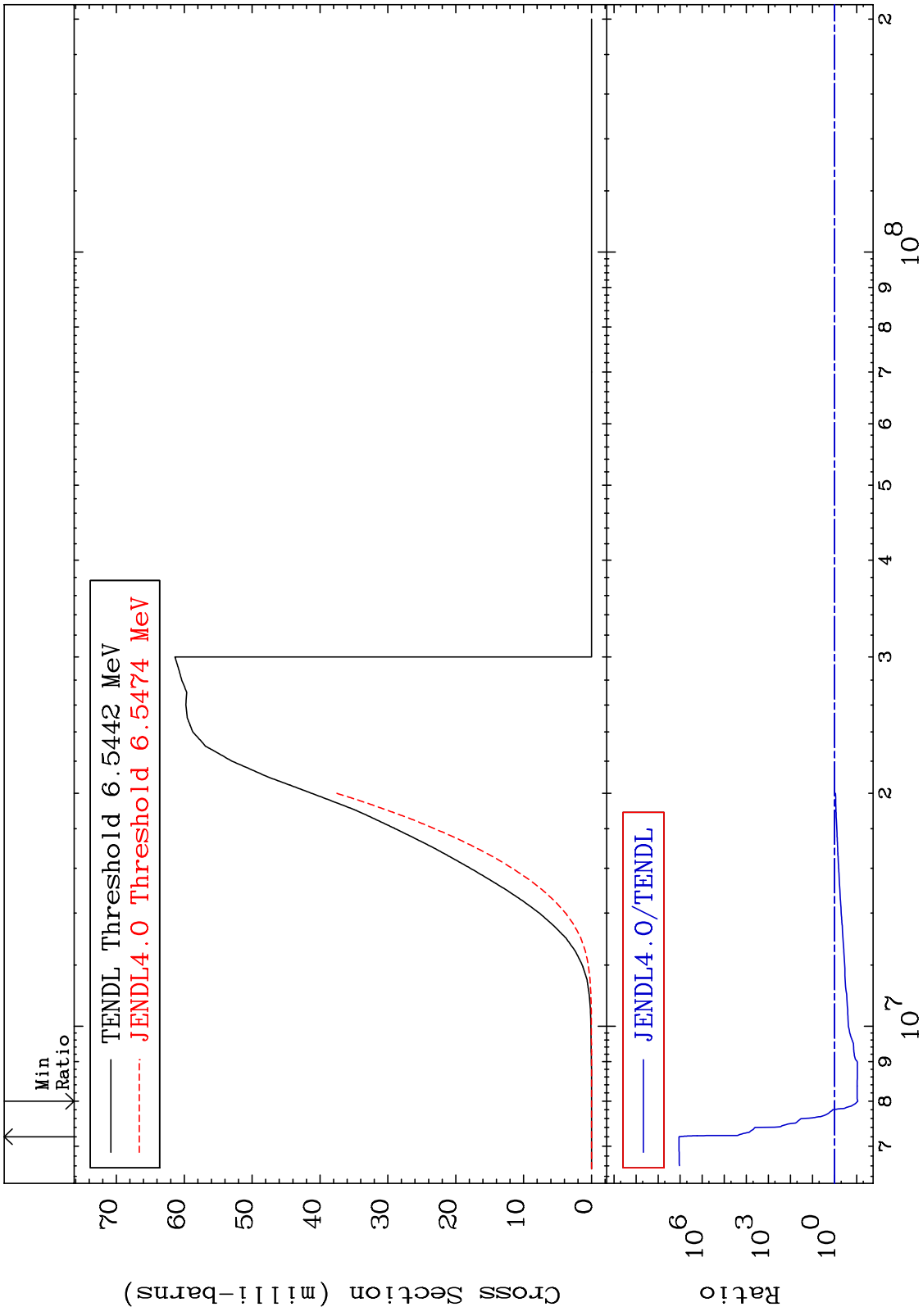


4 Incident Energy (eV) 47-Ag-109

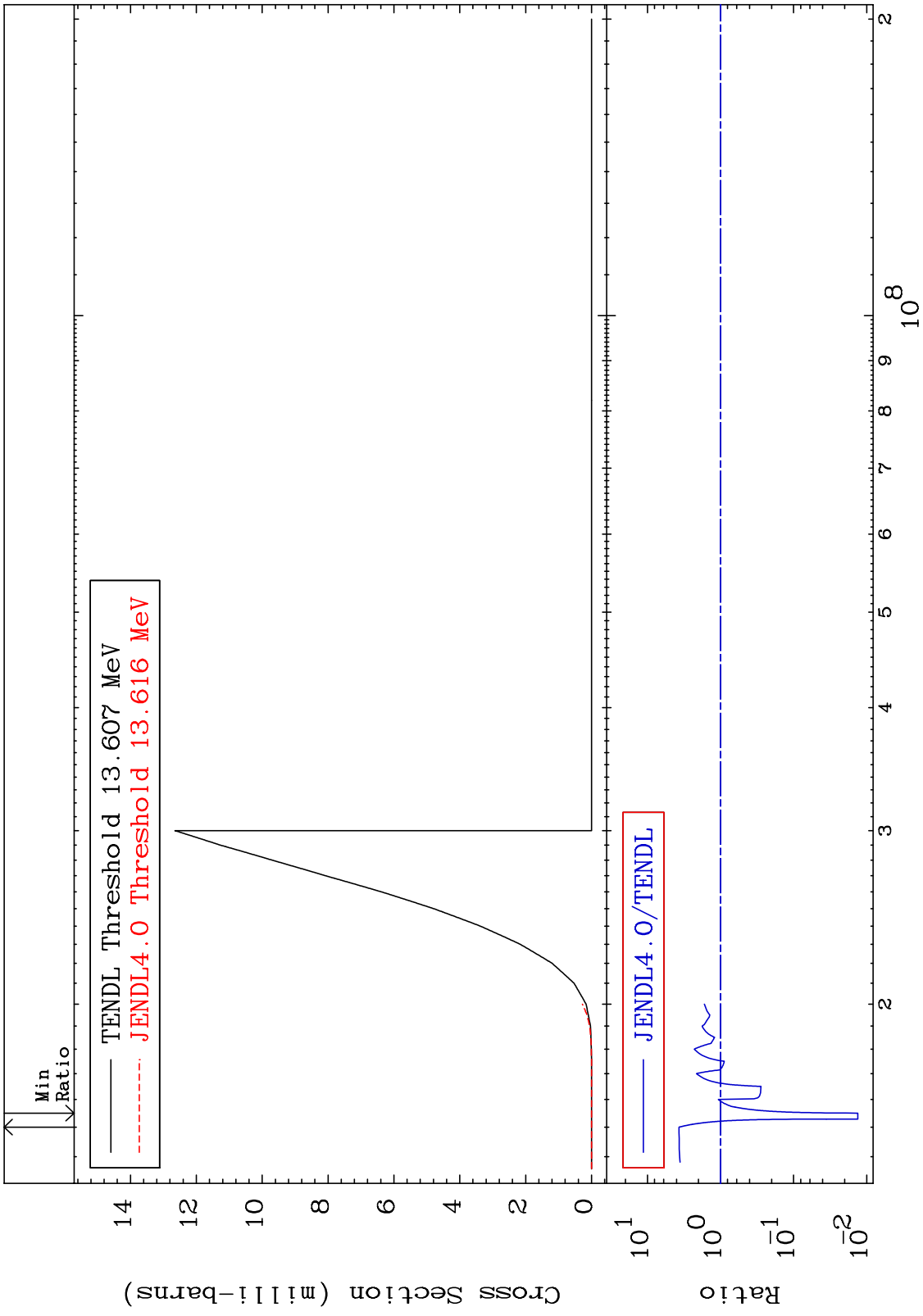




MAT 4731 (n,n') p 47-Ag-109
 Cross Section -91.16 To 9999. %



7 Incident Energy (eV) 47-Ag-109



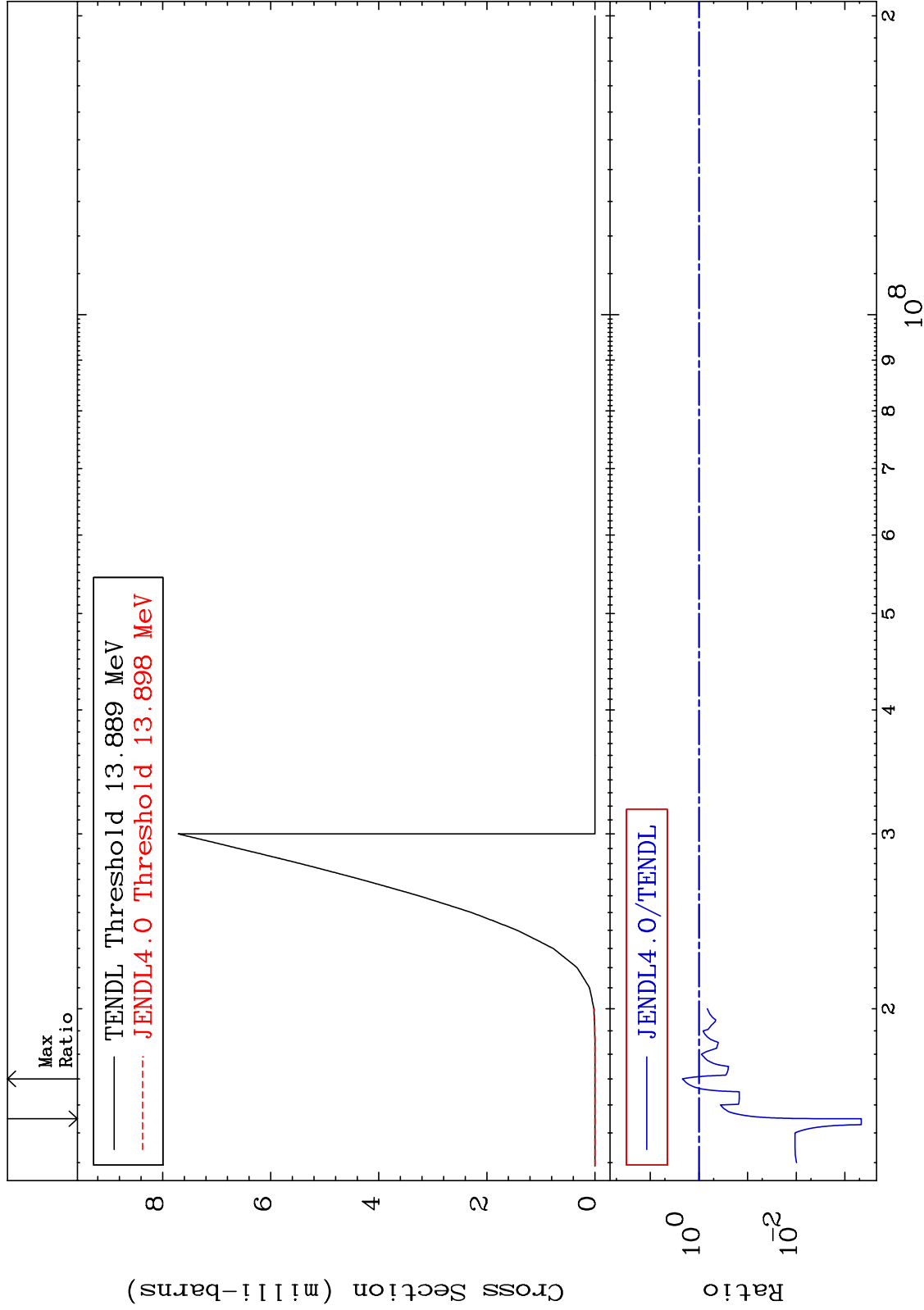
MAT 4731

(n, n') t

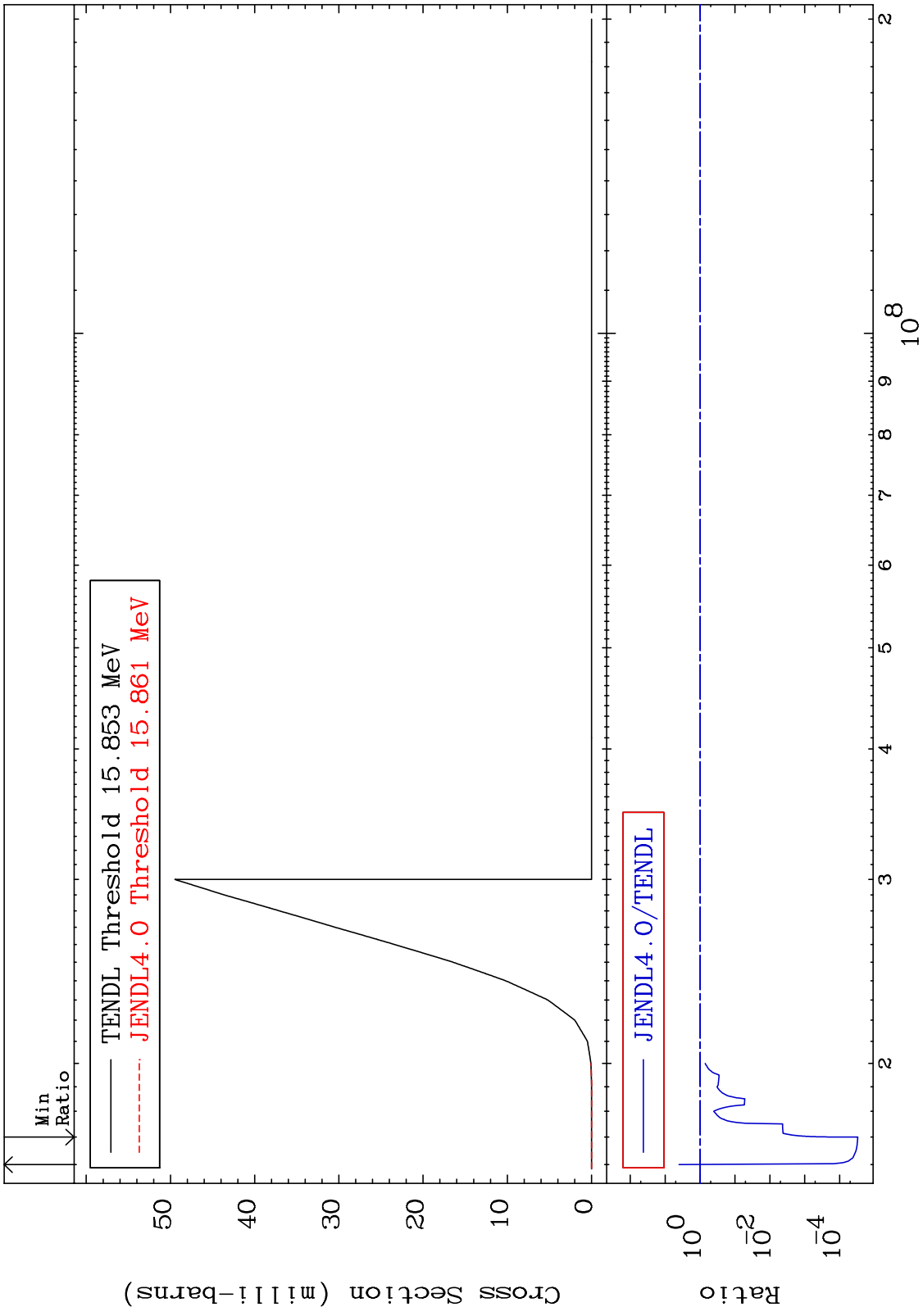
47-Ag-109

Cross Section

-99.95 To 118.7 %



MAT 4731 (n,2n) p 47-Ag-109
Cross Section -100.0 To 300.9 %

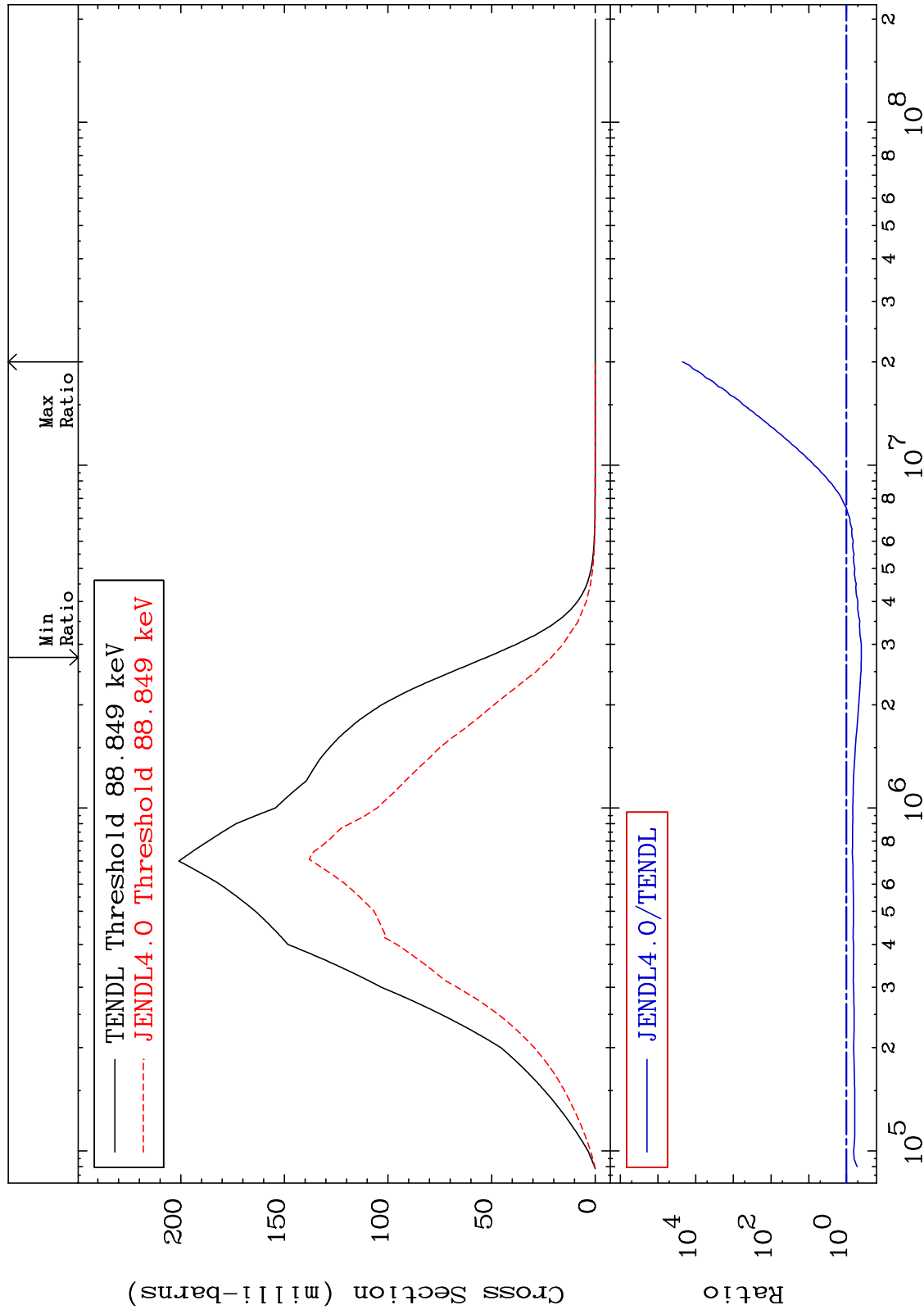


10 47-Ag-109

MAT 4731

MT= 51 (n,n') Level
Cross Section

47-Ag-109
-59.56 To 9999. %



11

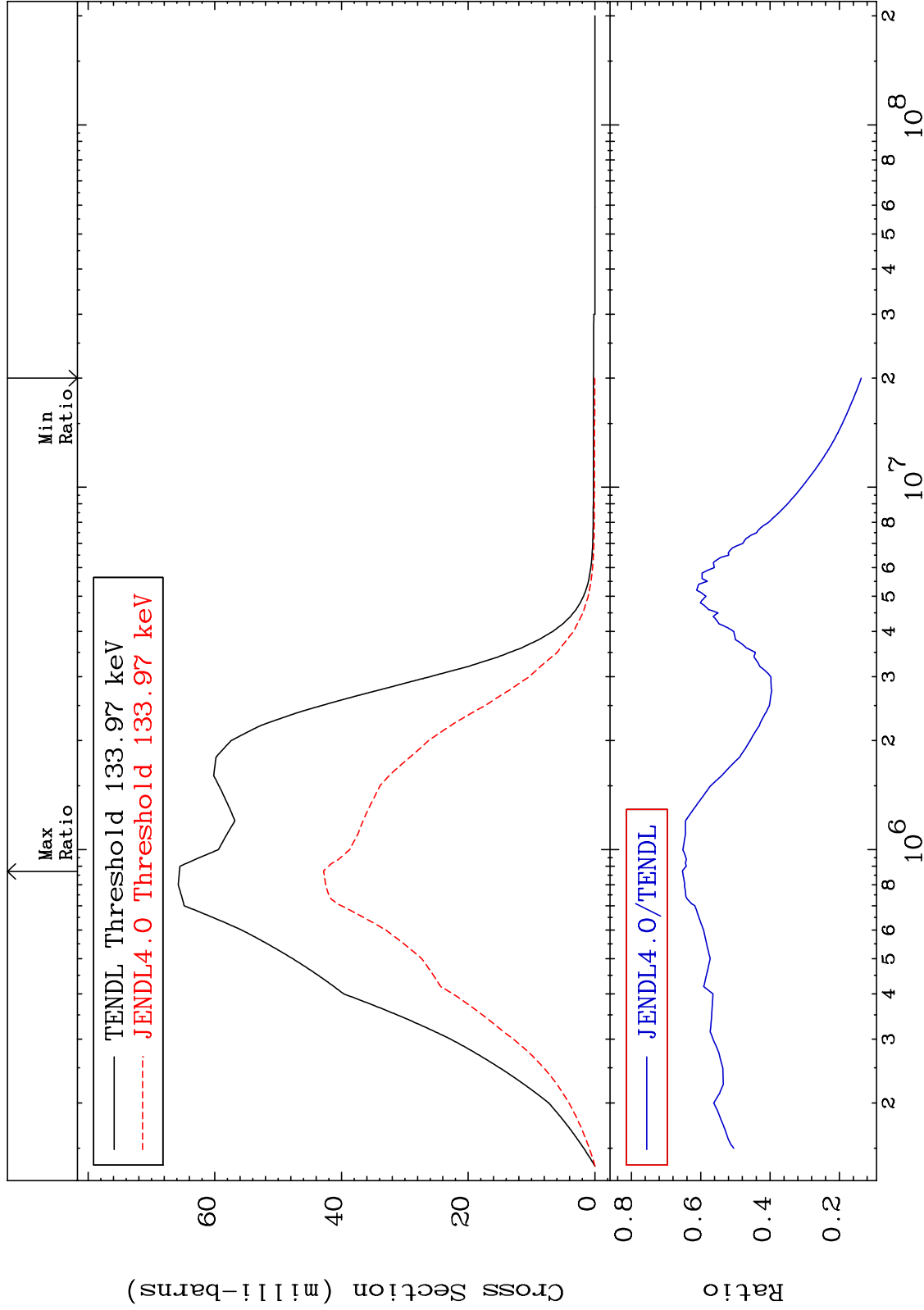
Incident Energy (eV)

47-Ag-109

MAT 4731

MT= 52 (n,n') Level
Cross Section

47-Ag-109
-86.31 To -34.72%



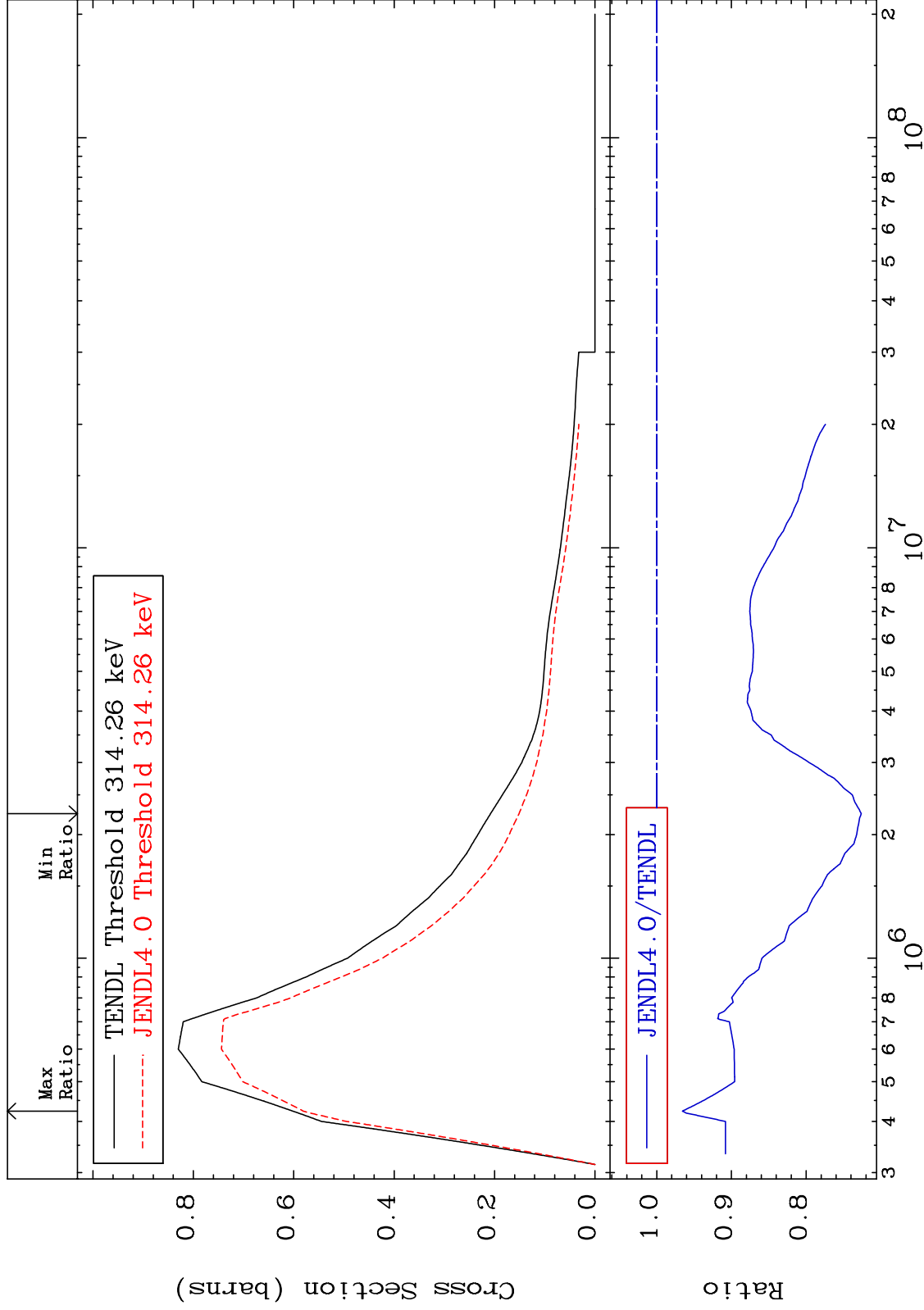
12

47-Ag-109

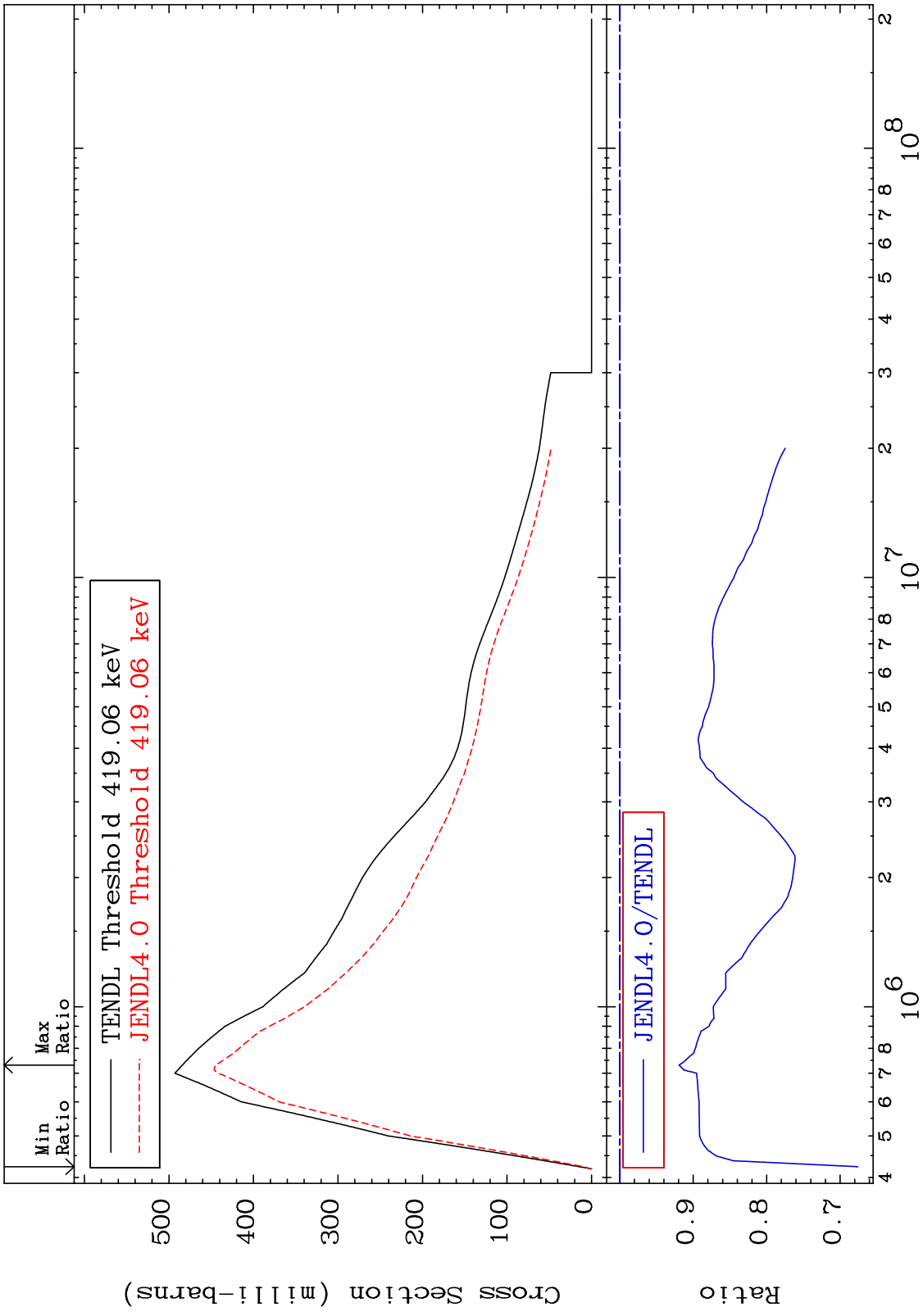
MAT 4731

MT= 53 (n,n') Level
Cross Section

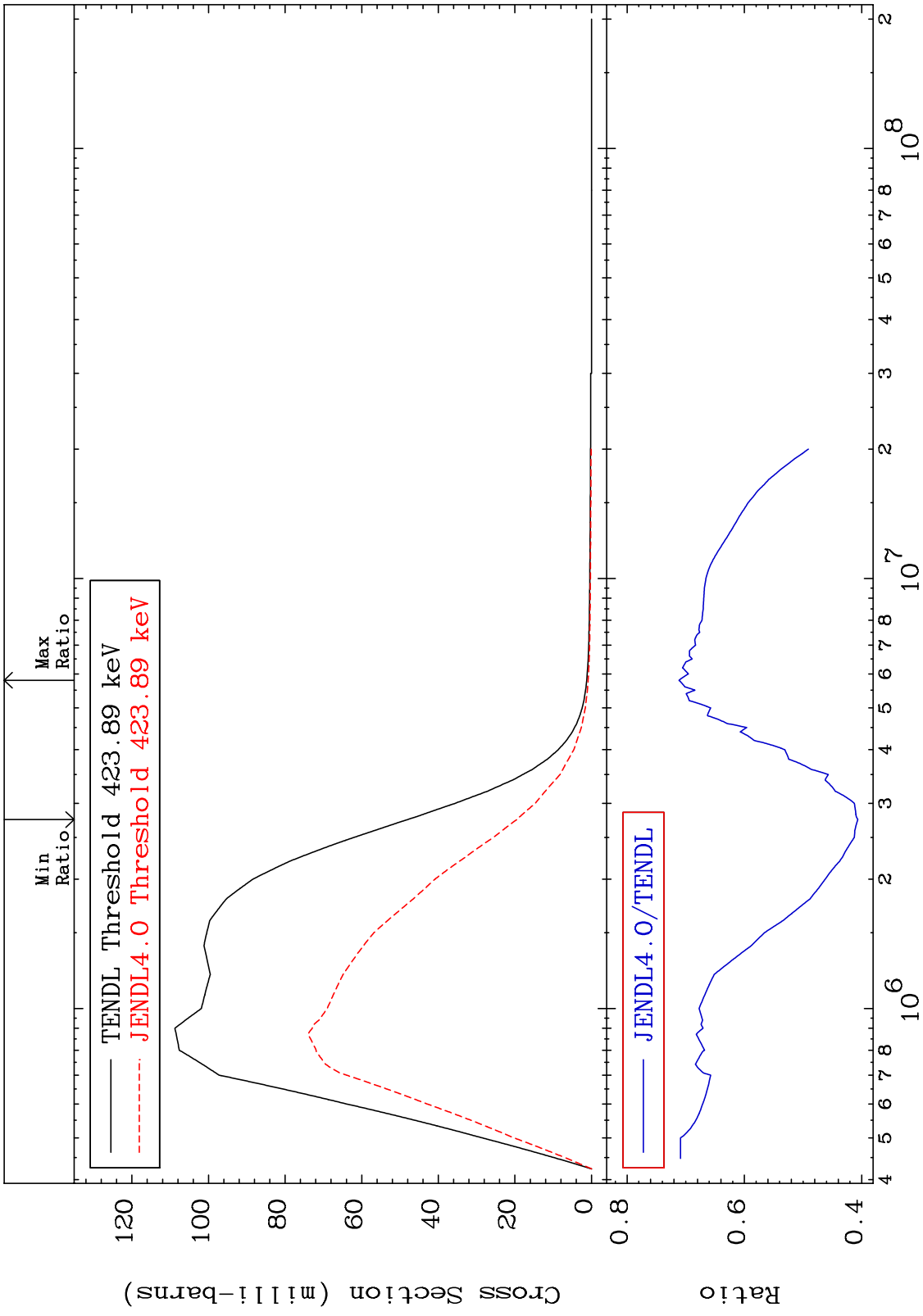
47-Ag-109
-27.37 To -3.446%



MAT 4731 MT= 54 (n,n') Level 47-Ag-109
 Cross Section -32.42 To -8.069%



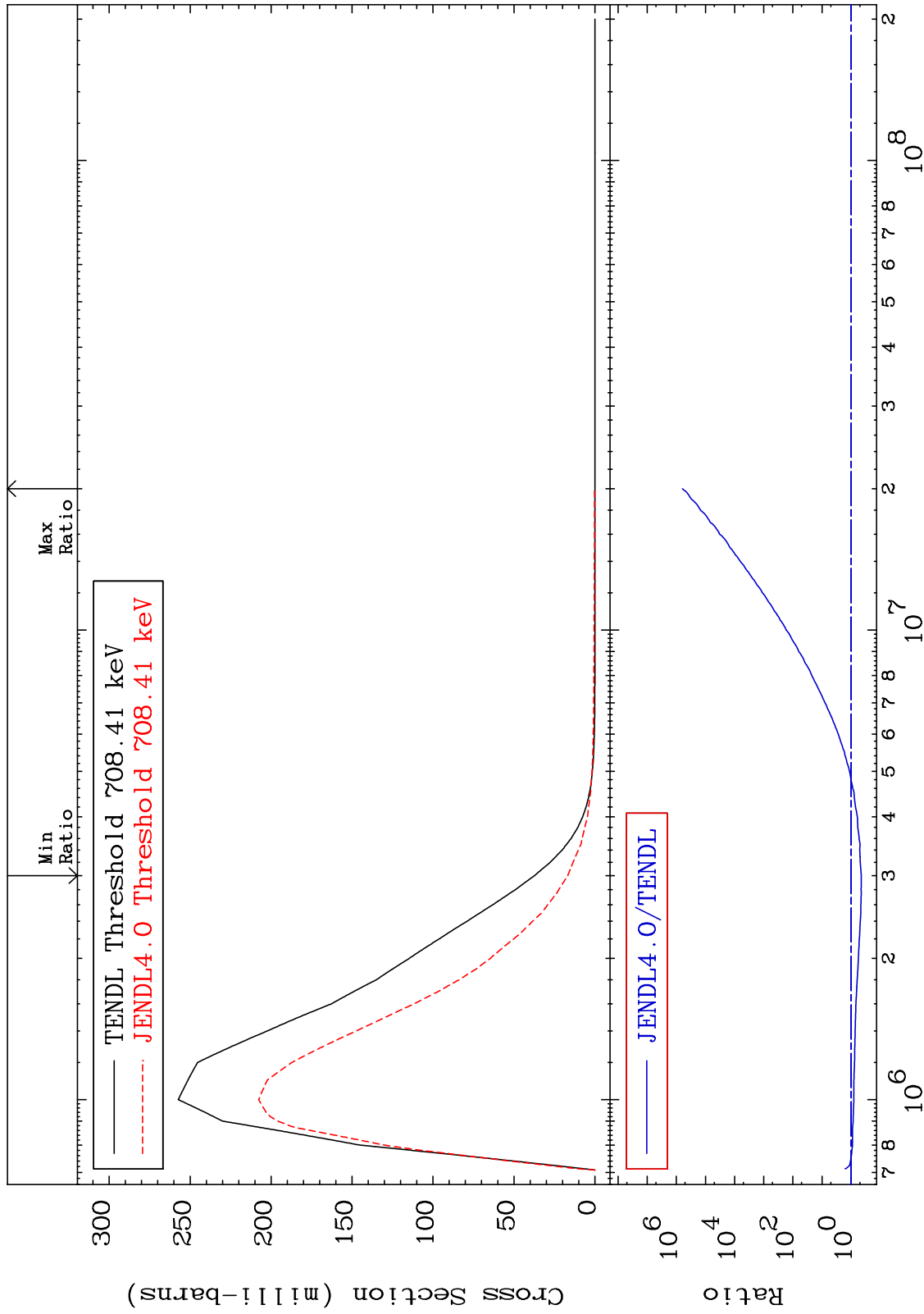
MAT 4731 MT= 55 (n,n') Level Cross Section 47-Ag-109 -59.33 To -28.86%



MAT 4731

MT= 56 (n,n') Level
Cross Section

47-Ag-109
-55.15 To 9999. %



16

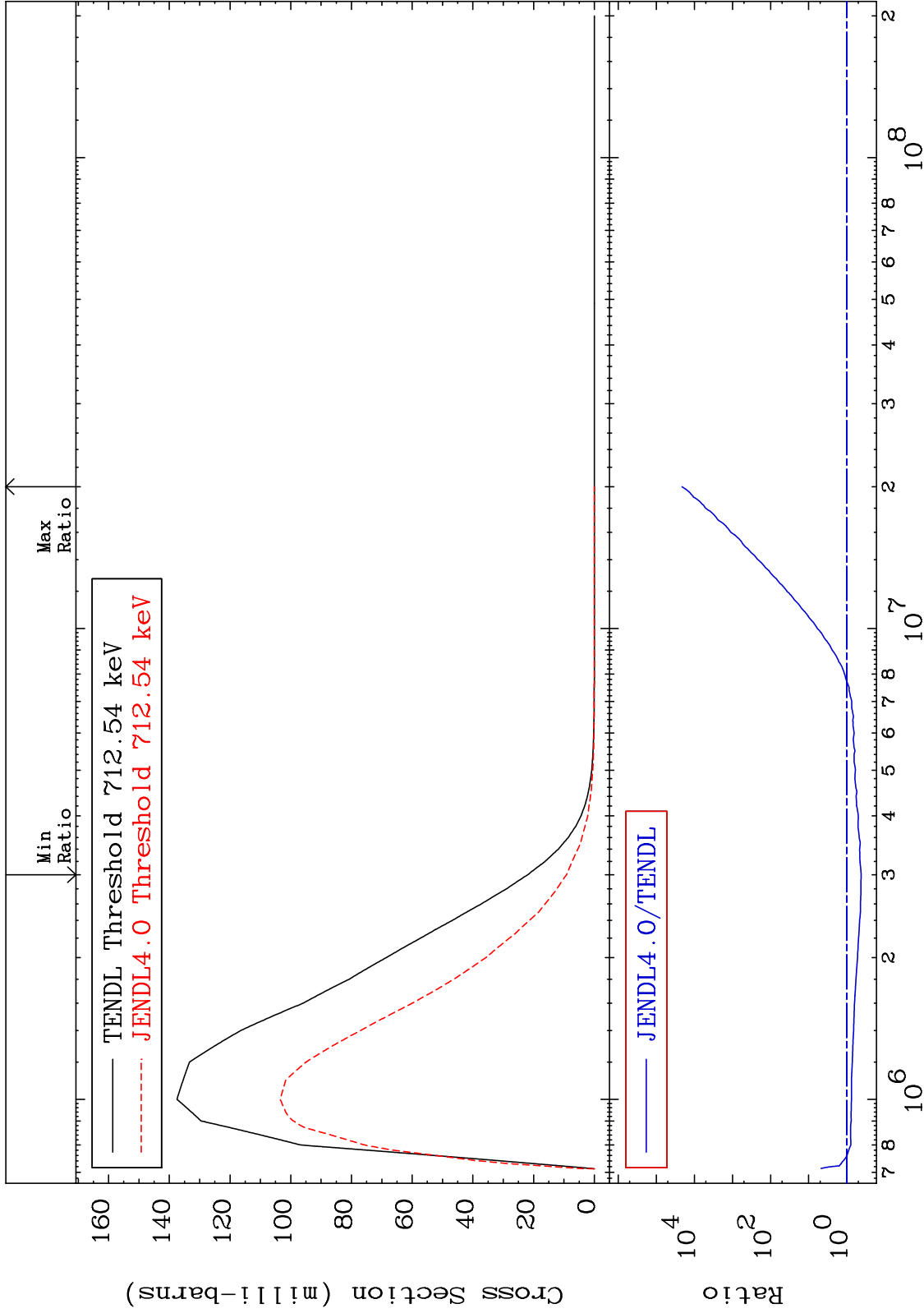
Incident Energy (eV)

47-Ag-109

MAT 4731

MT= 57 (n,n') Level
Cross Section

47-Ag-109
-58.22 To 9999. %



17

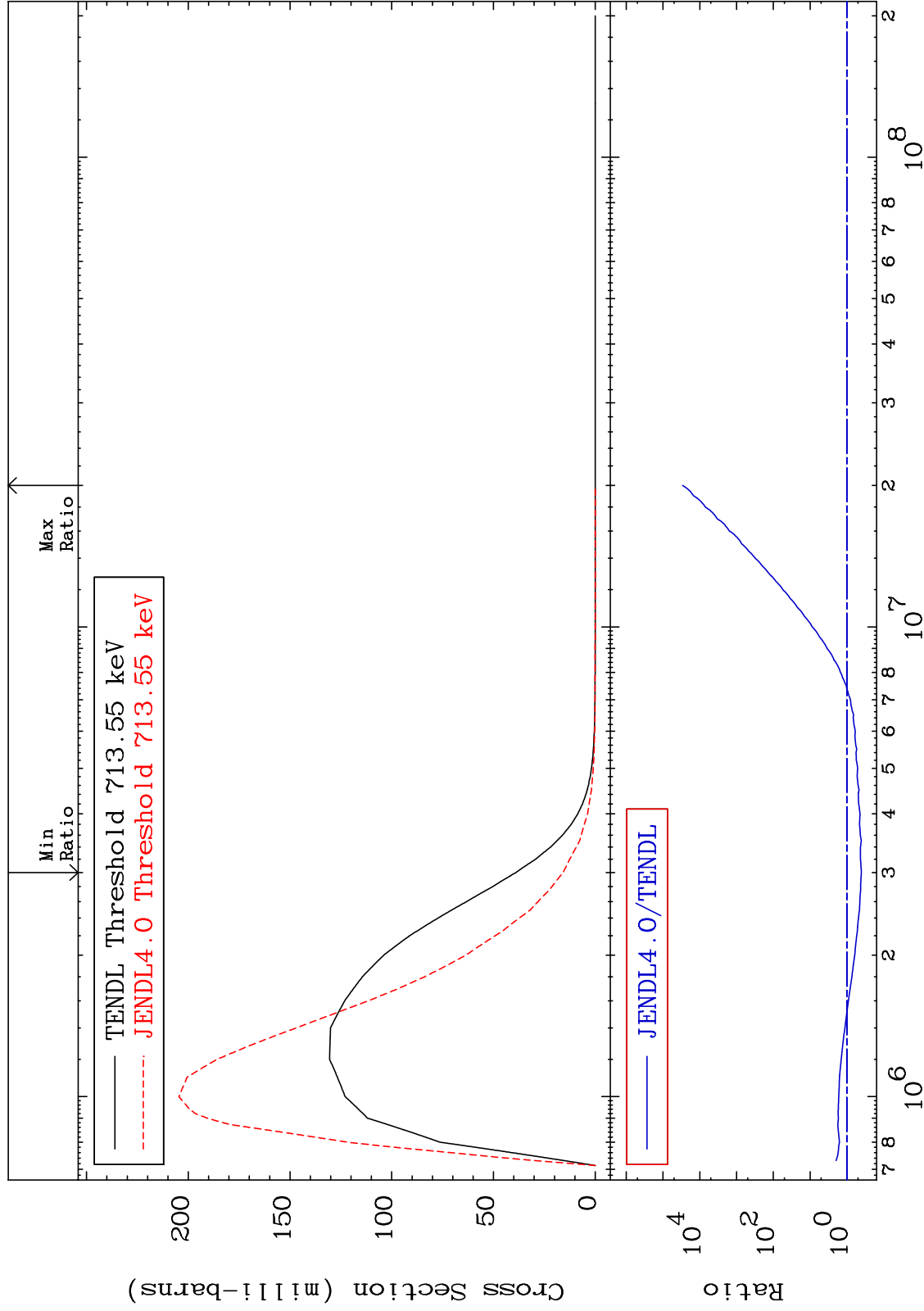
Incident Energy (eV)

47-Ag-109

MAT 4731

MT= 58 (n,n') Level
Cross Section

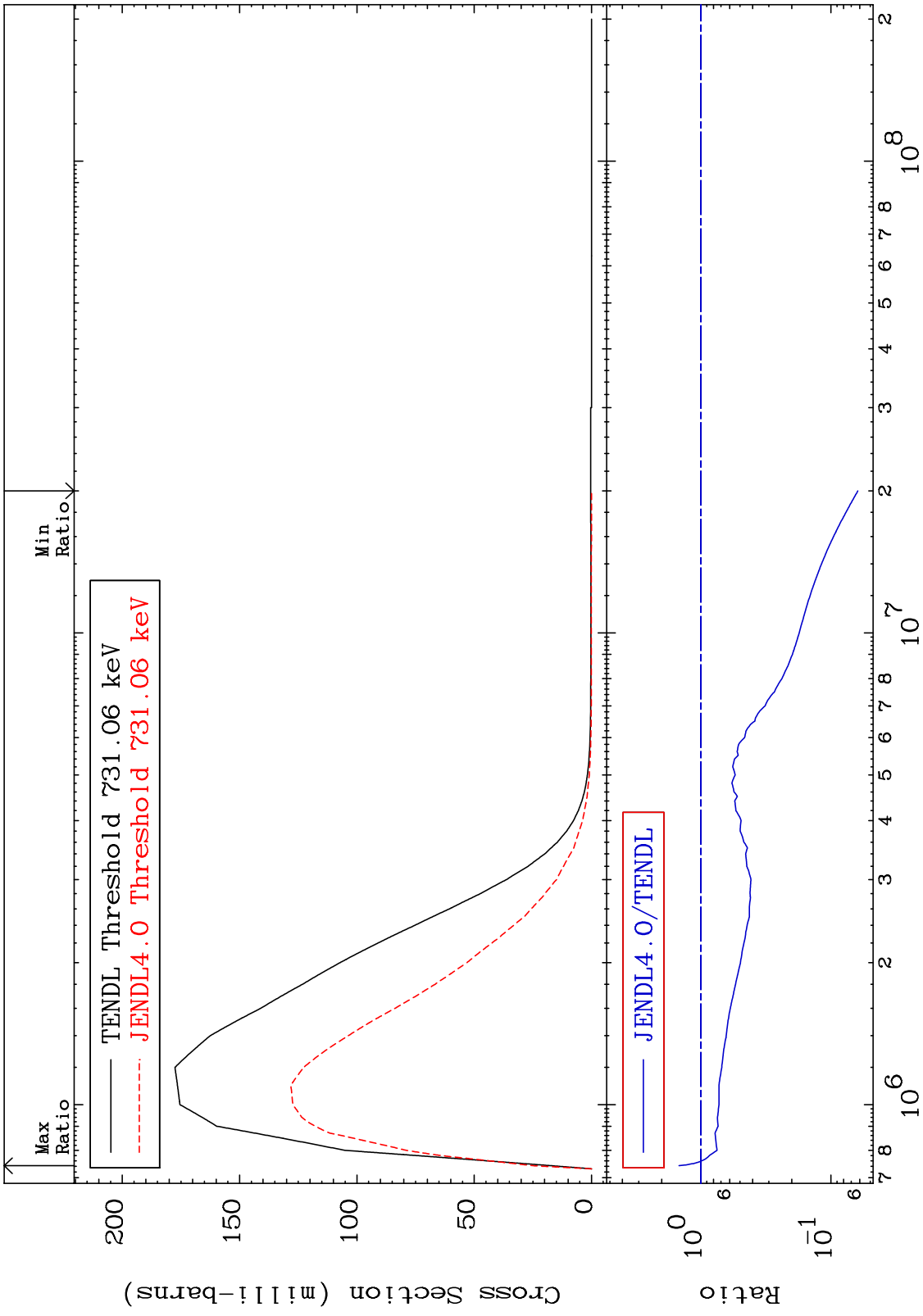
47-Ag-109
-59.62 To 9999. %



18

47-Ag-109

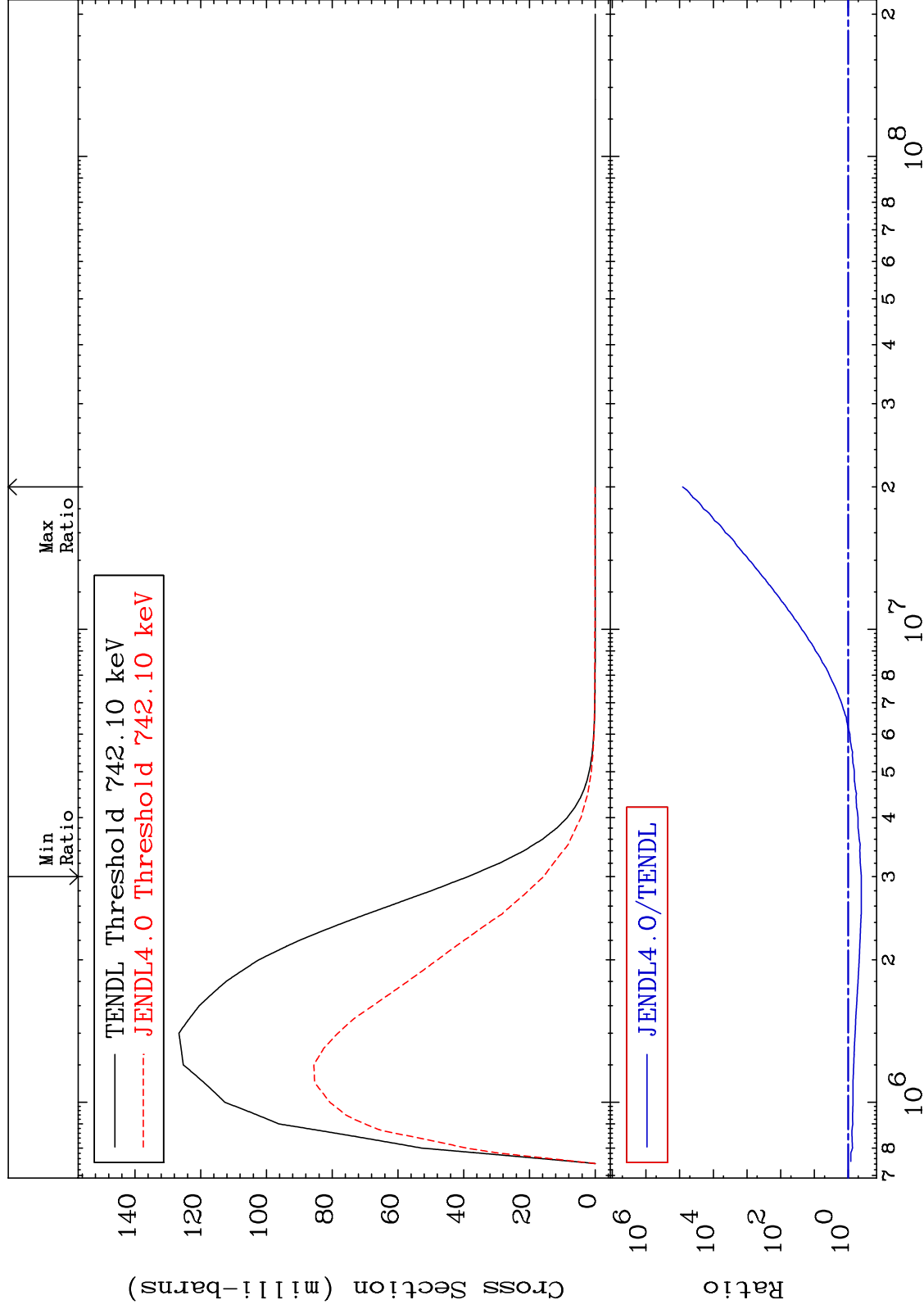
MAT 4731 MT= 59 (n,n') Level Cross Section 47-Ag-109 -93.78 To 47.00 %



MAT 4731

MT= 60 (n,n') Level
Cross Section

47-Ag-109
-59.47 To 9999. %

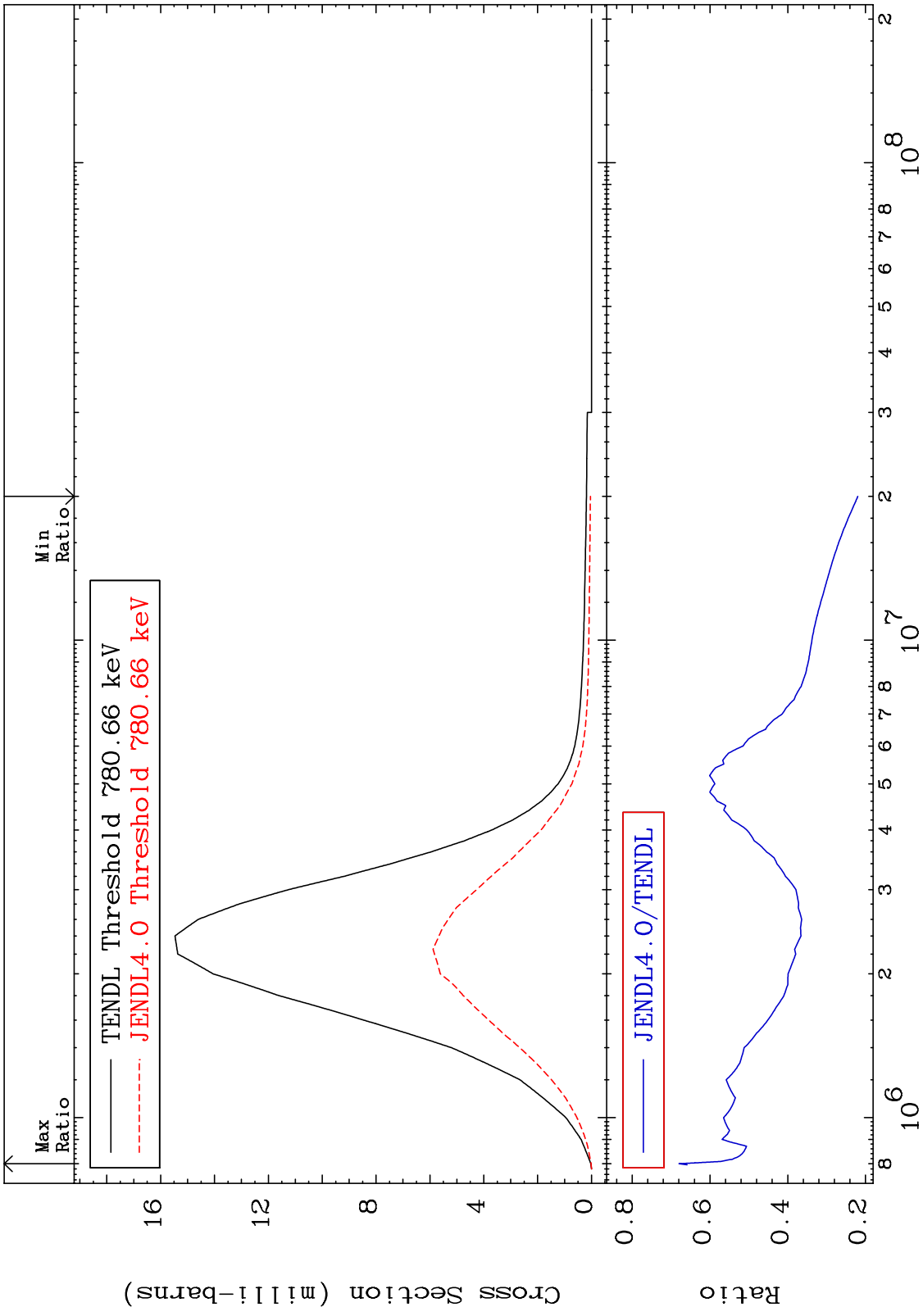


20

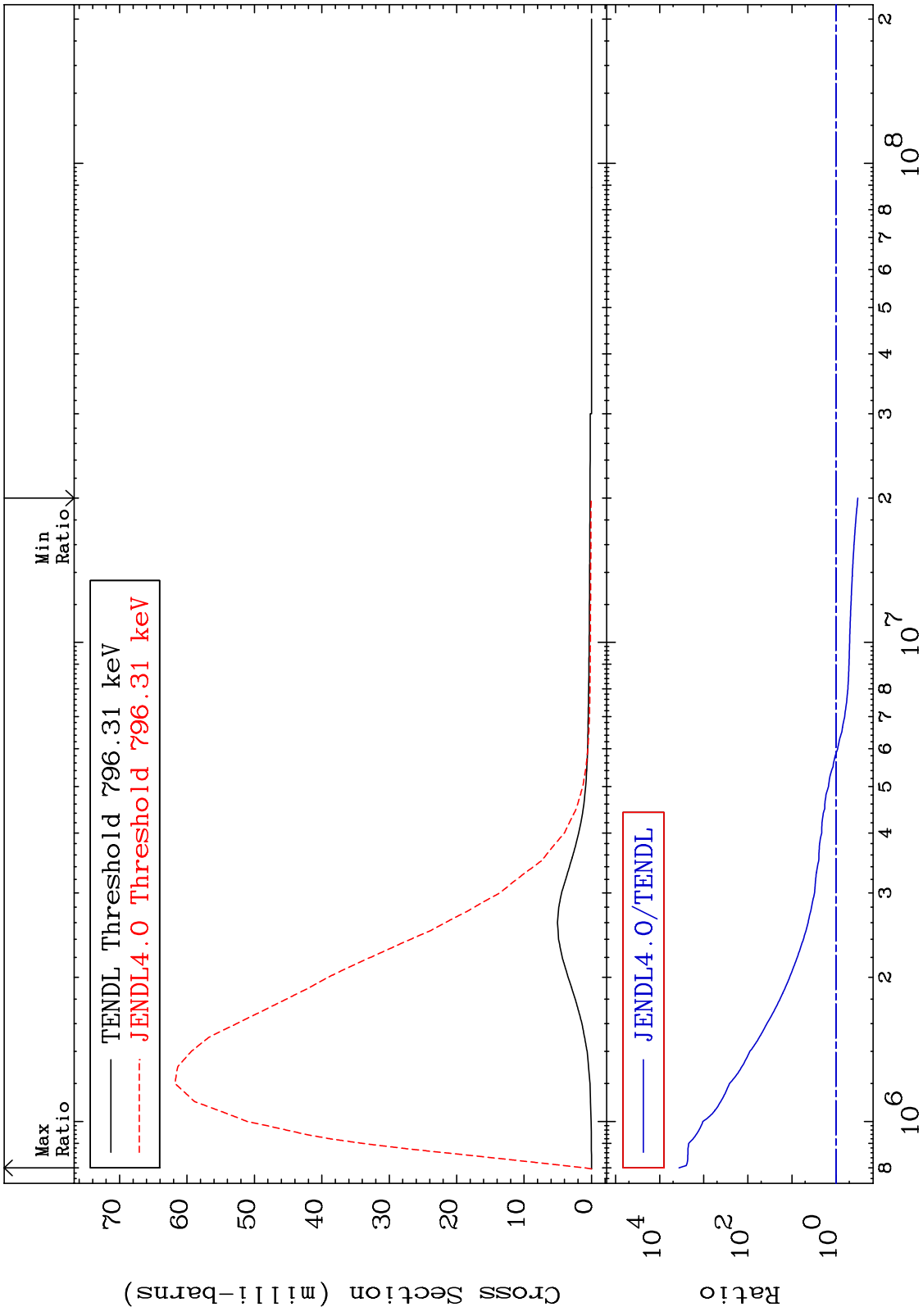
Incident Energy (eV)

47-Ag-109

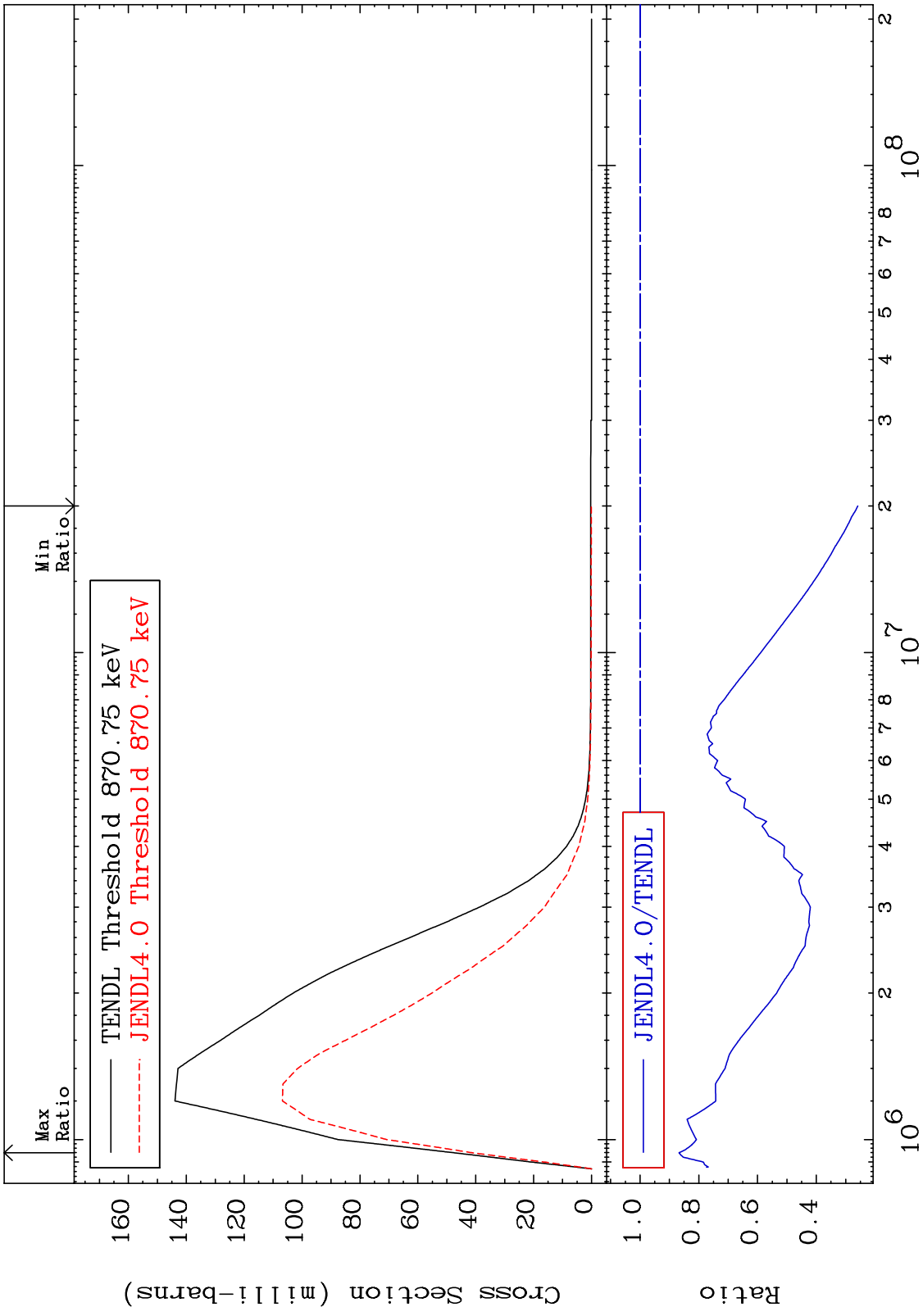
MAT 4731 MT= 61 (n,n') Level Cross Section 47-Ag-109
 -78.02 To -32.05%



MAT 4731 MT= 62 (n,n') Level Cross Section -68.07 To 9999. % 47-Ag-109

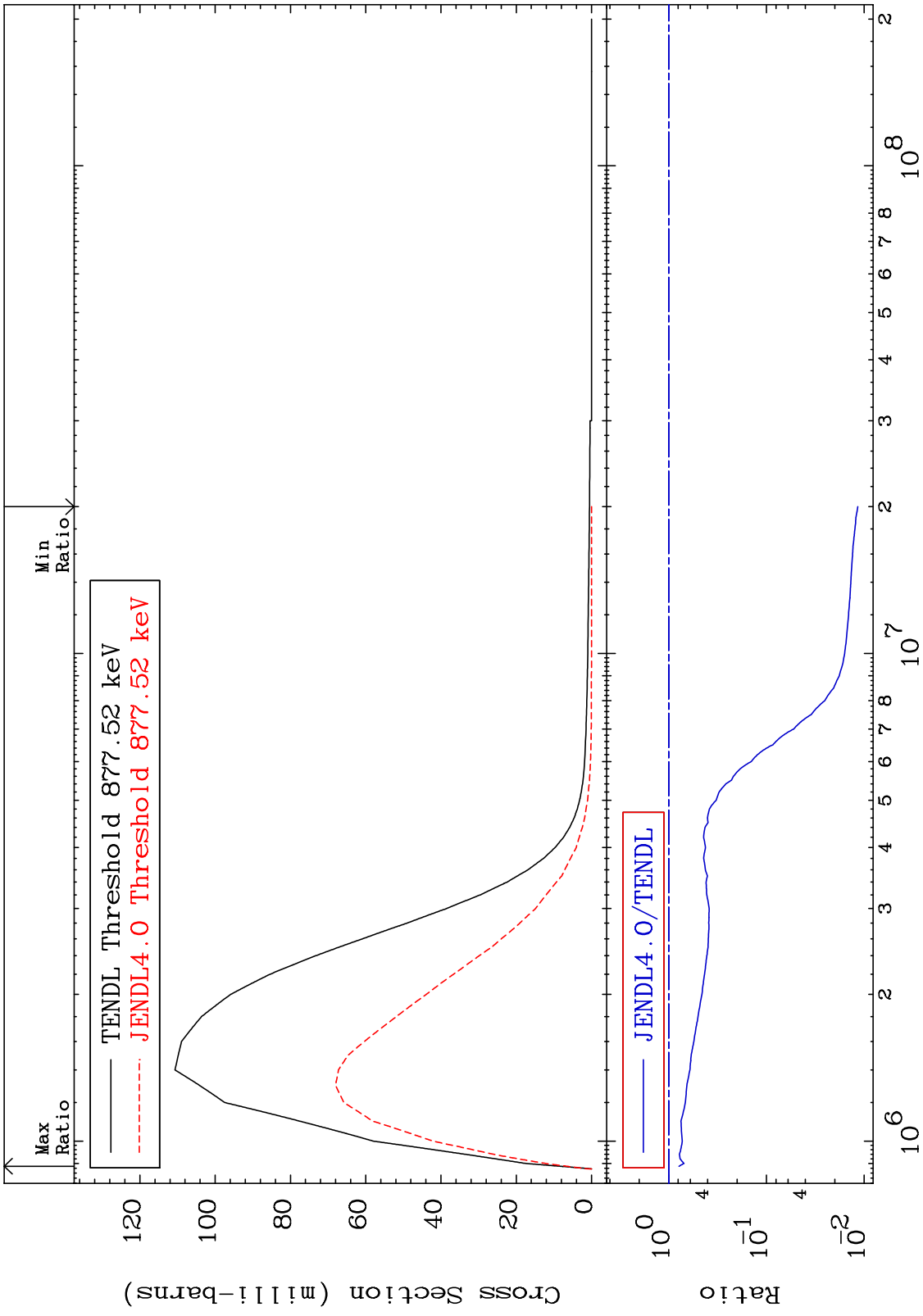


MAT 4731 MT= 63 (n,n') Level Cross Section 47-Ag-109 -74.14 To -13.28%



23 47-Ag-109

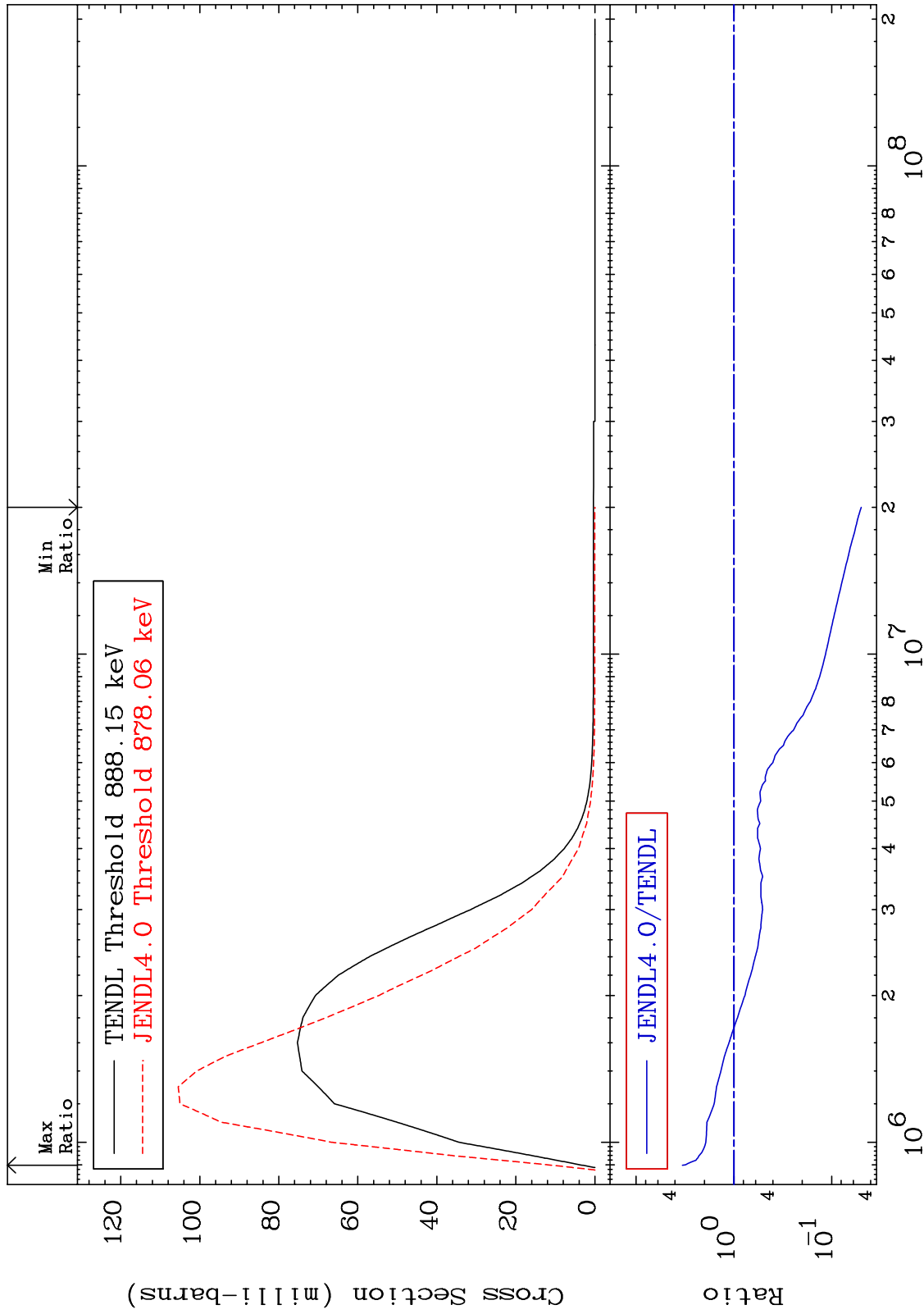
MAT 4731 MT= 64 (n,n') Level Cross Section 47-Ag-109 -98.84 To -21.61%



MAT 4731

MT= 65 (n,n') Level
Cross Section

47-Ag-109
-95.01 To 236.0 %



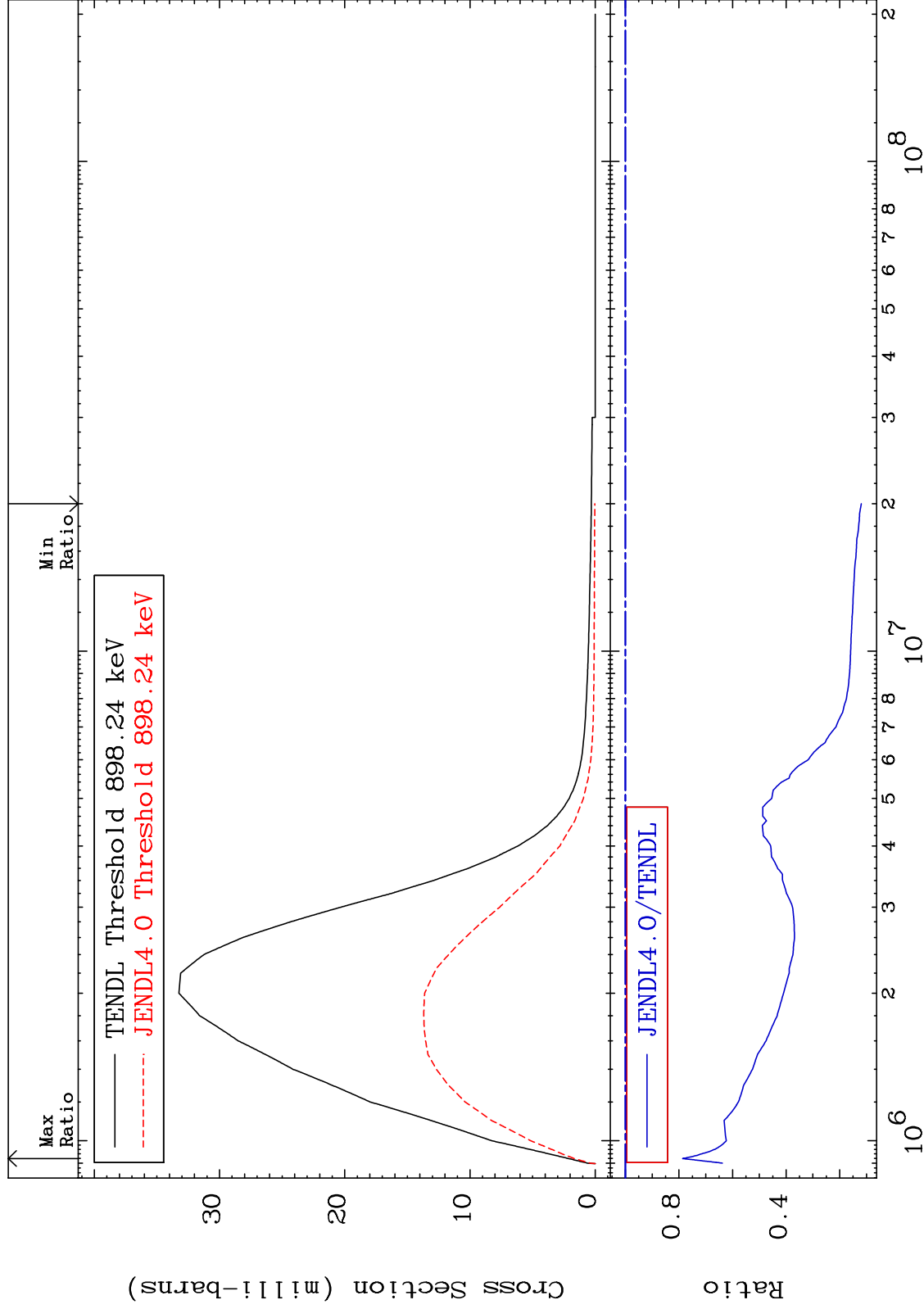
25

47-Ag-109

MAT 4731

MT= 66 (n,n') Level
Cross Section

47-Ag-109
-88.08 To -21.39%



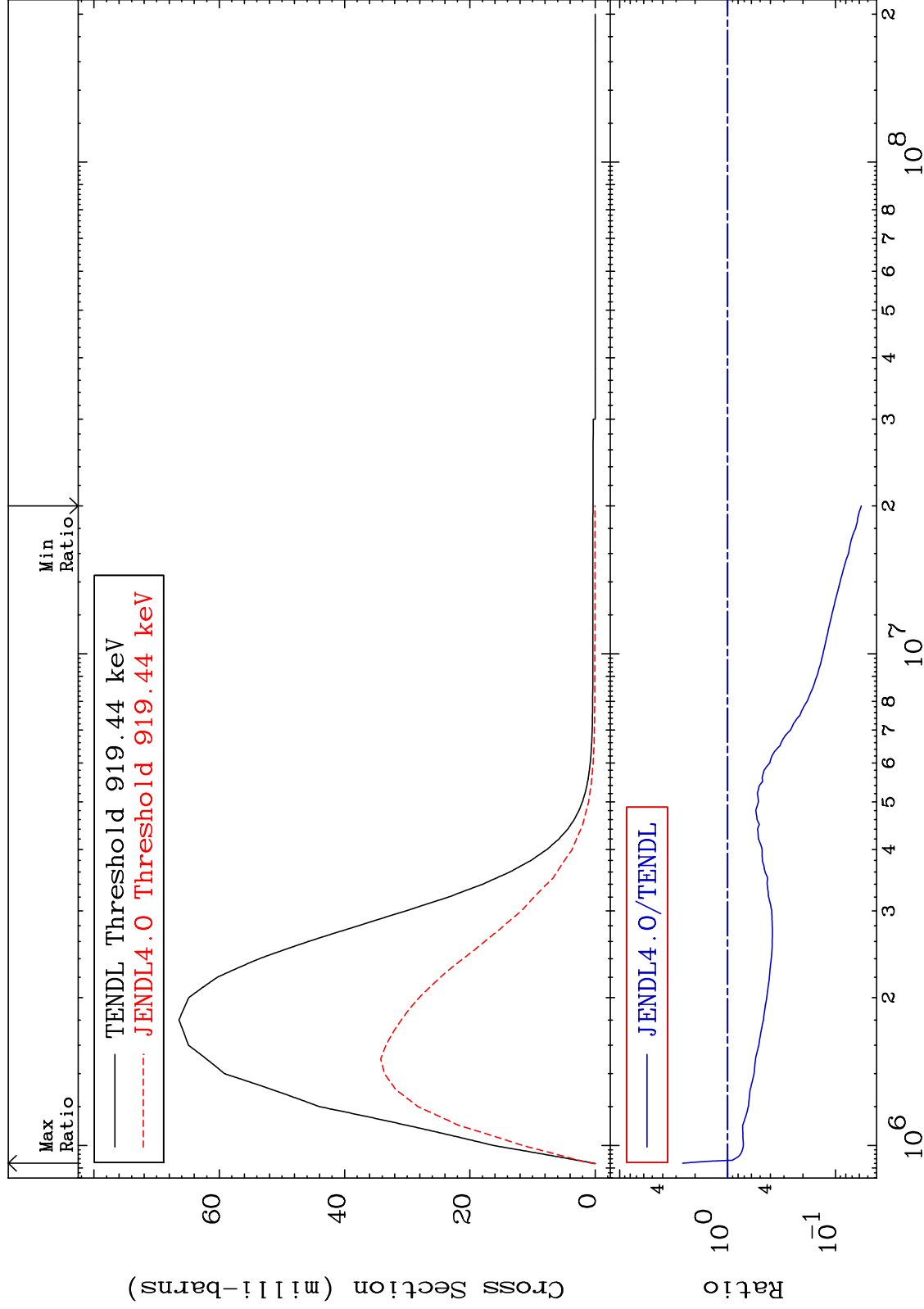
26

47-Ag-109

MAT 4731

MT= 67 (n,n') Level
Cross Section

47-Ag-109
-94.25 To 161.0 %



27

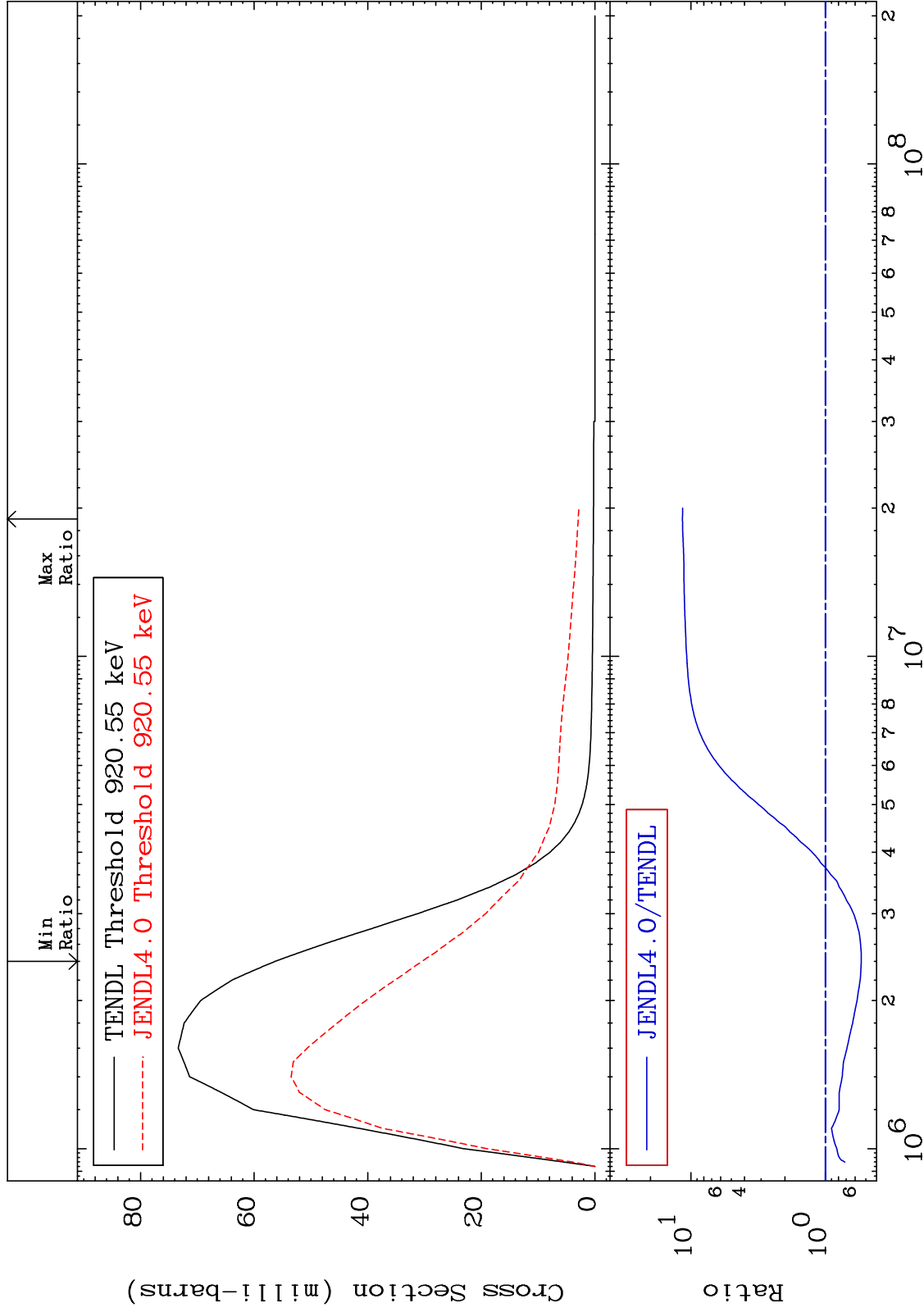
Incident Energy (eV)

47-Ag-109

MAT 4731

MT= 68 (n,n') Level
Cross Section

47-Ag-109
-45.92 To 1055. %

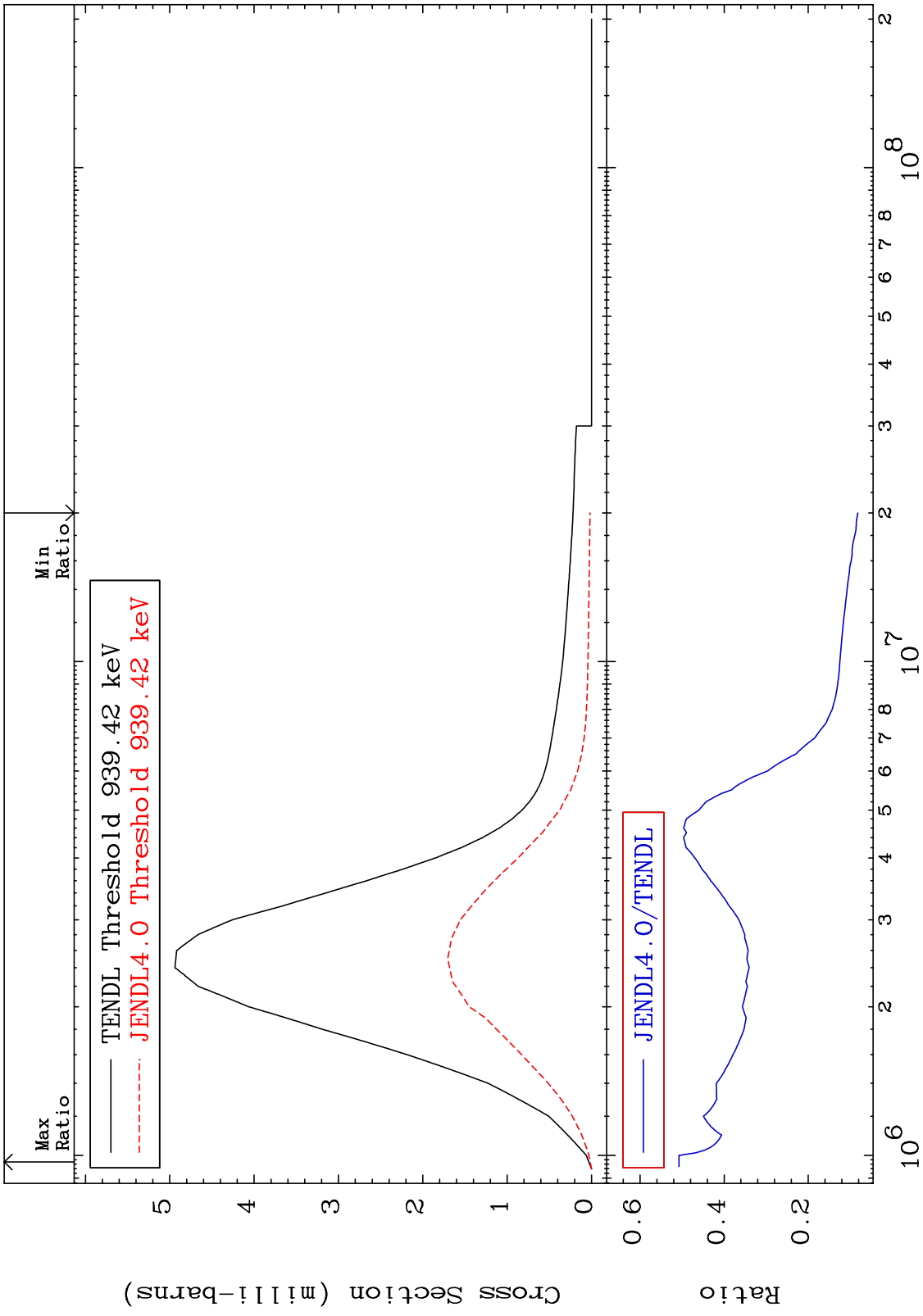


28

Incident Energy (eV)

47-Ag-109

MAT 4731 MT= 69 (n,n') Level Cross Section -91.80 To -49.28% 47-Ag-109

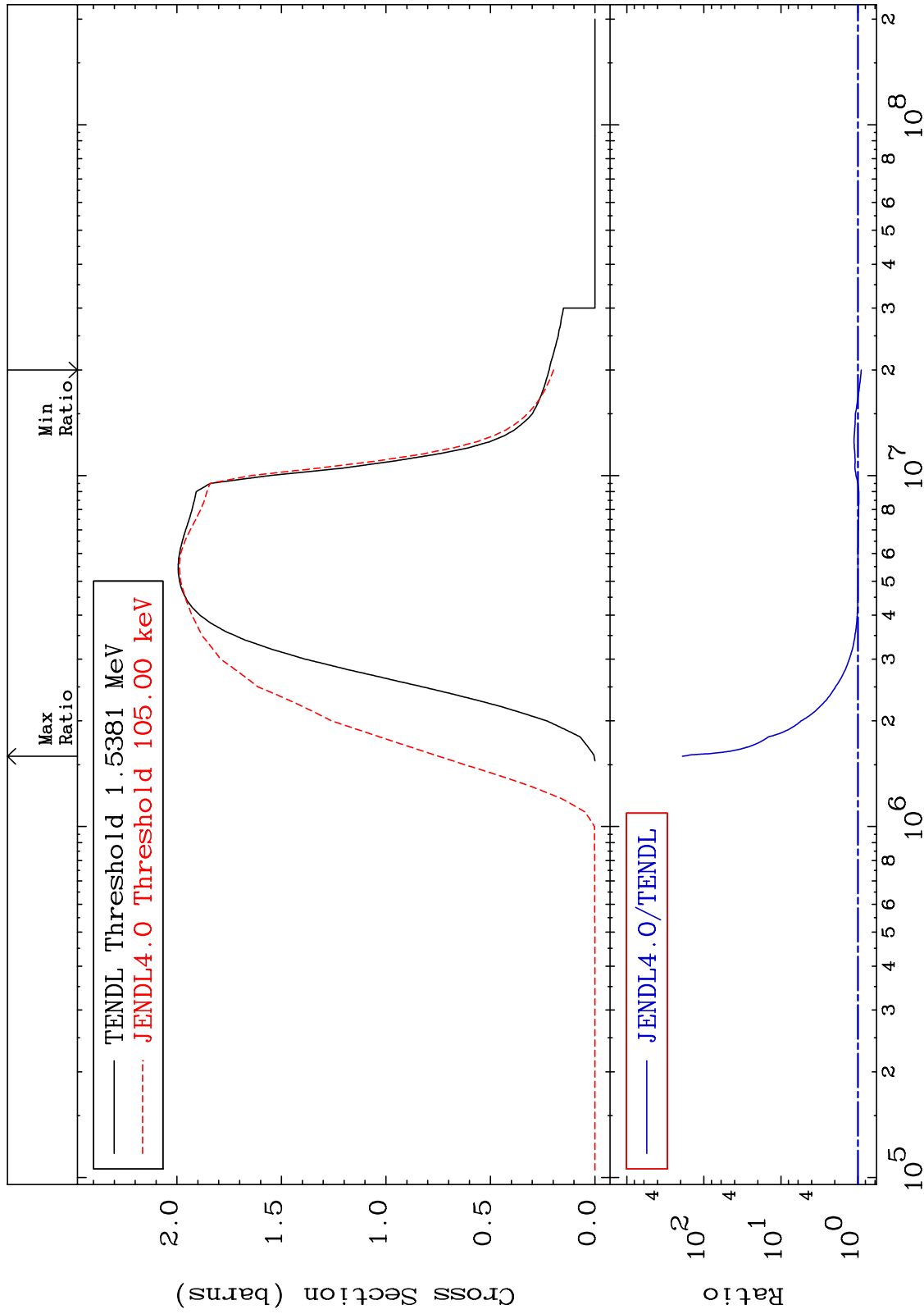


29 47-Ag-109

MAT 4731

(n,n') Continuum
Cross Section

47-Ag-109
-9.576 To 9999. %



30

47-Ag-109

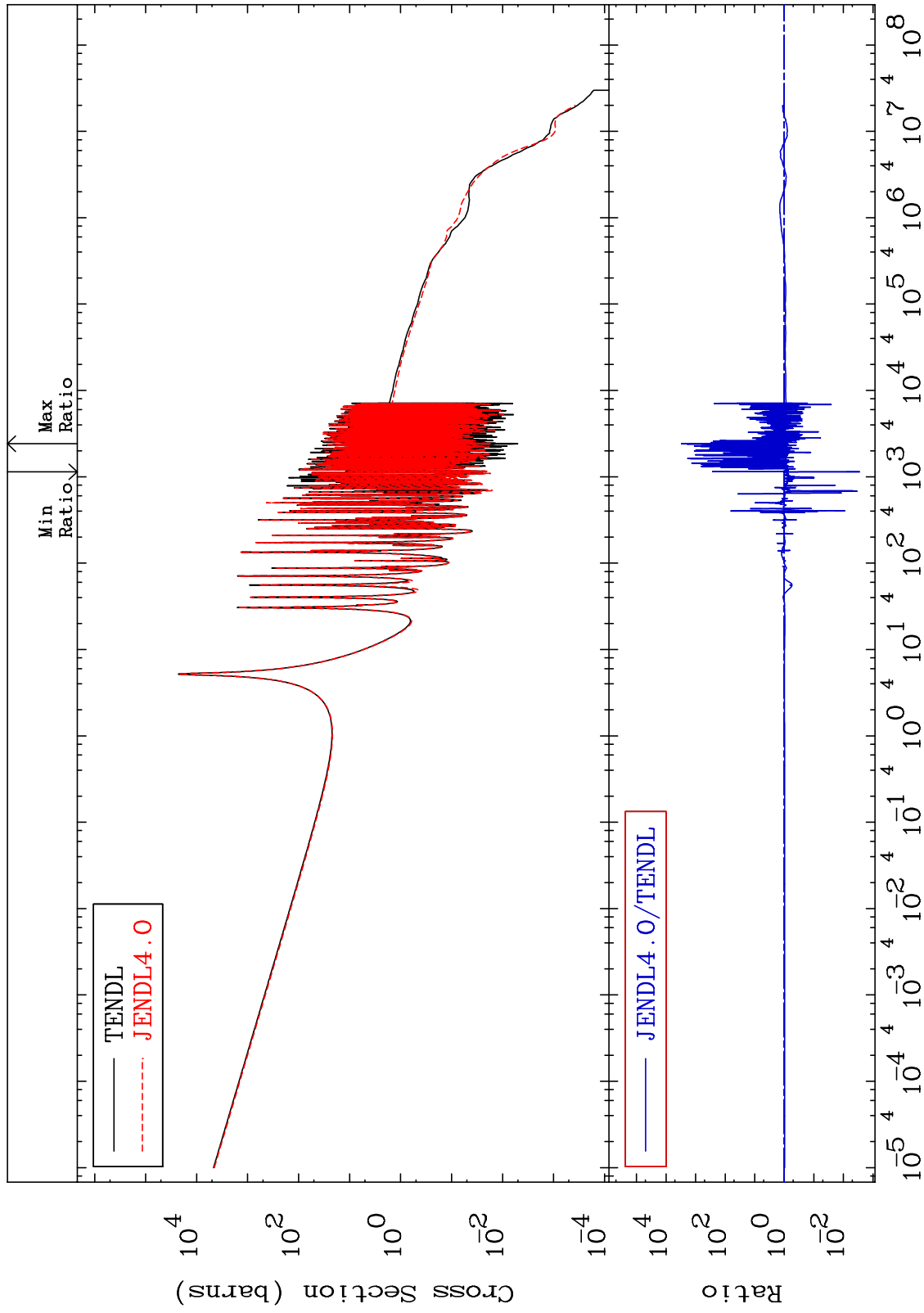
MAT 4731

(n, γ)

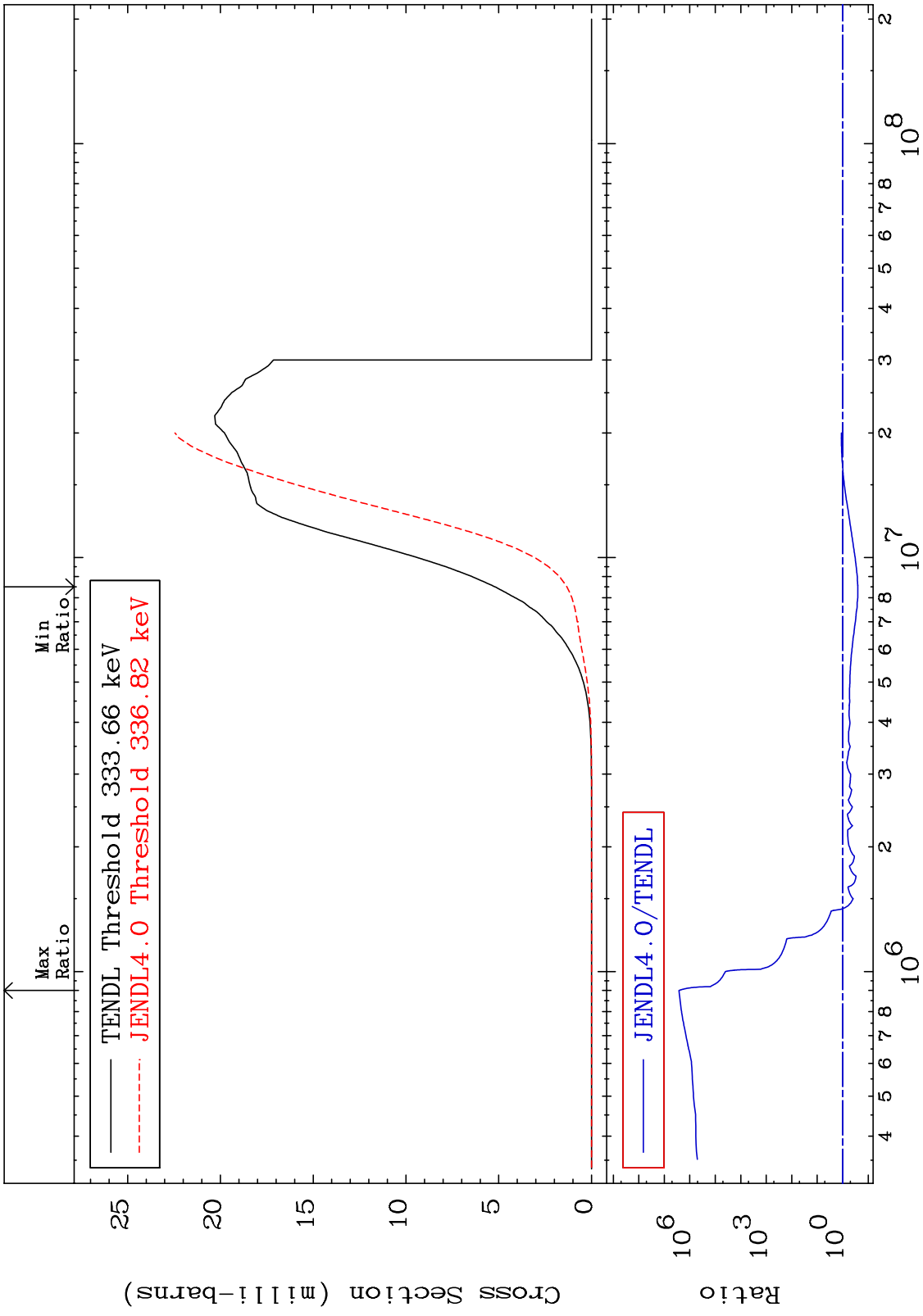
47-Ag-109

-99.72 To 9999. %

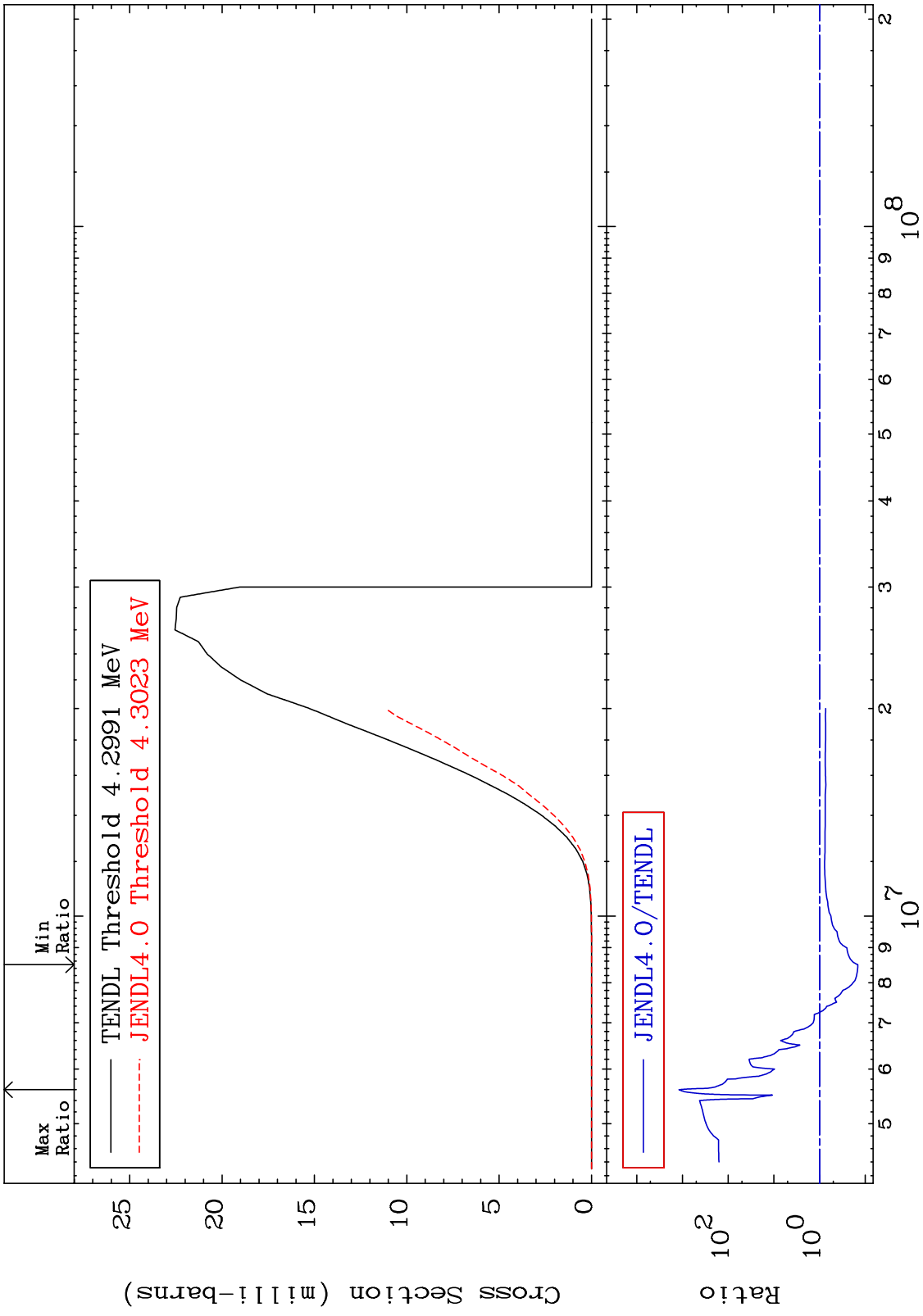
Cross Section



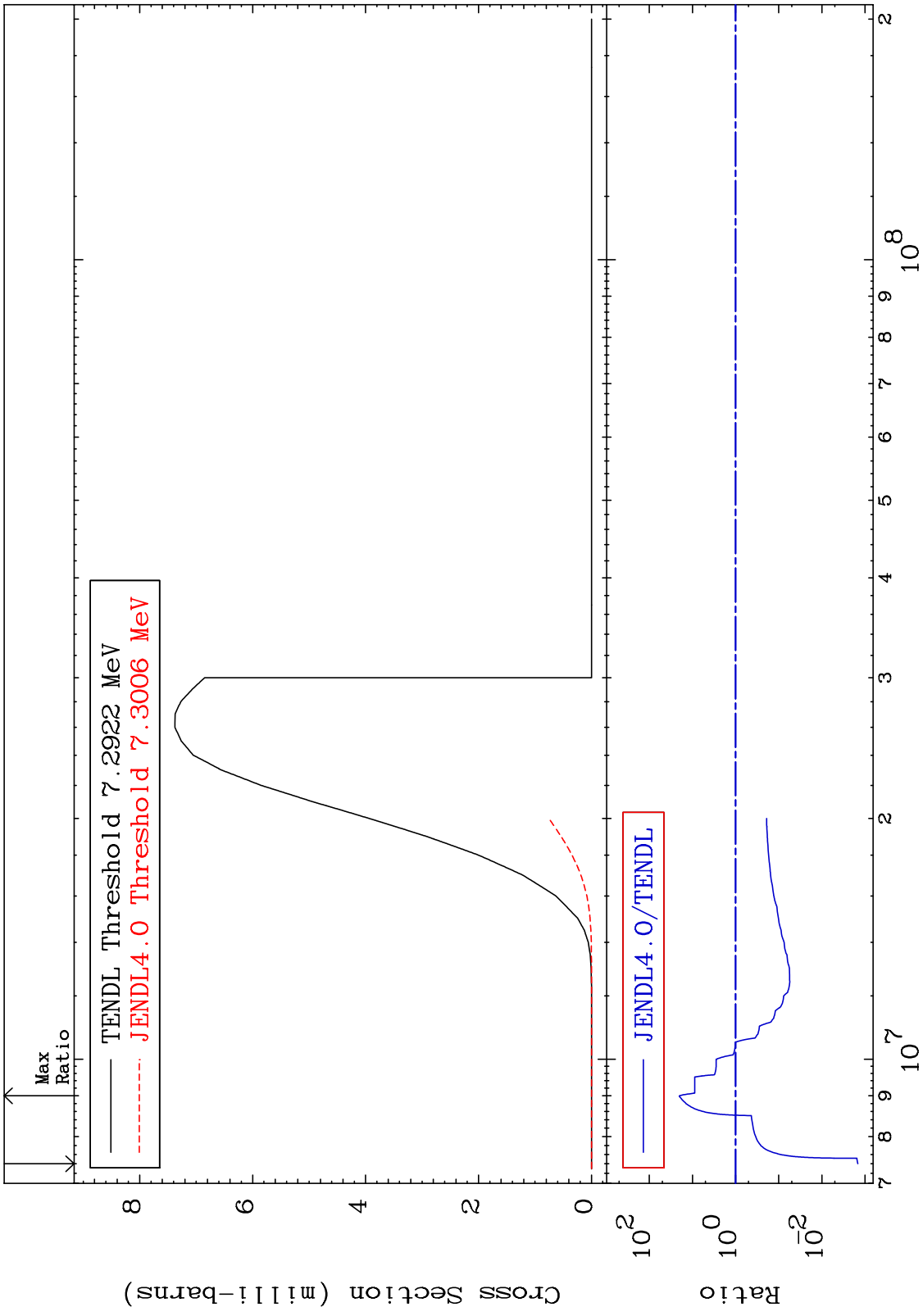
MAT 4731 (n,p) Cross Section 47-Ag-109
 -74.53 To 9999. %

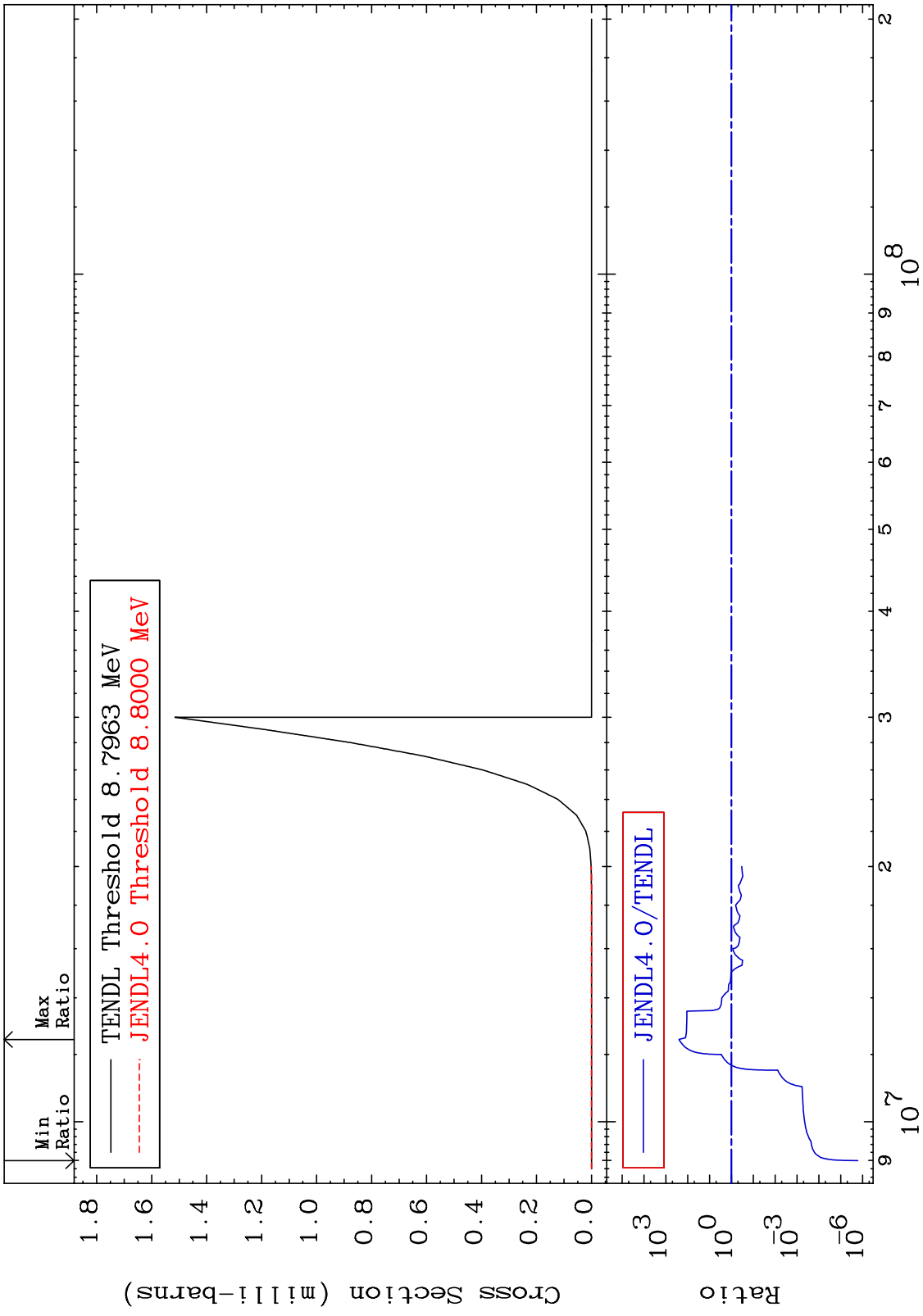


MAT 4731 (n,d) 47-Ag-109
 Cross Section -85.51 To 9999. %



MAT 4731 (n,t) 47-Ag-109
 Cross Section -99.85 To 1945. %



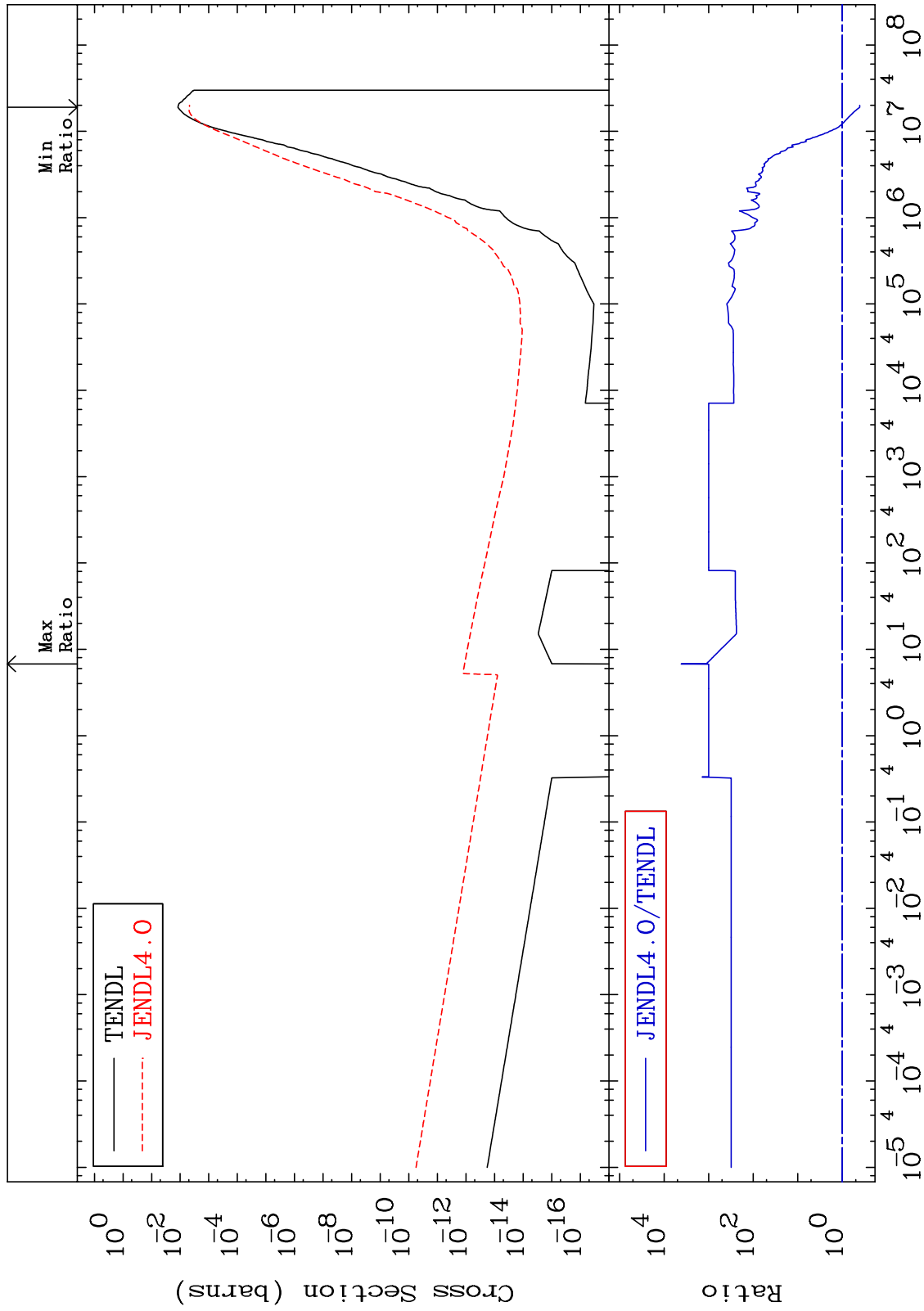


MAT 4731

(n, α)

47-Ag-109

-59.51 To 9999. %



36

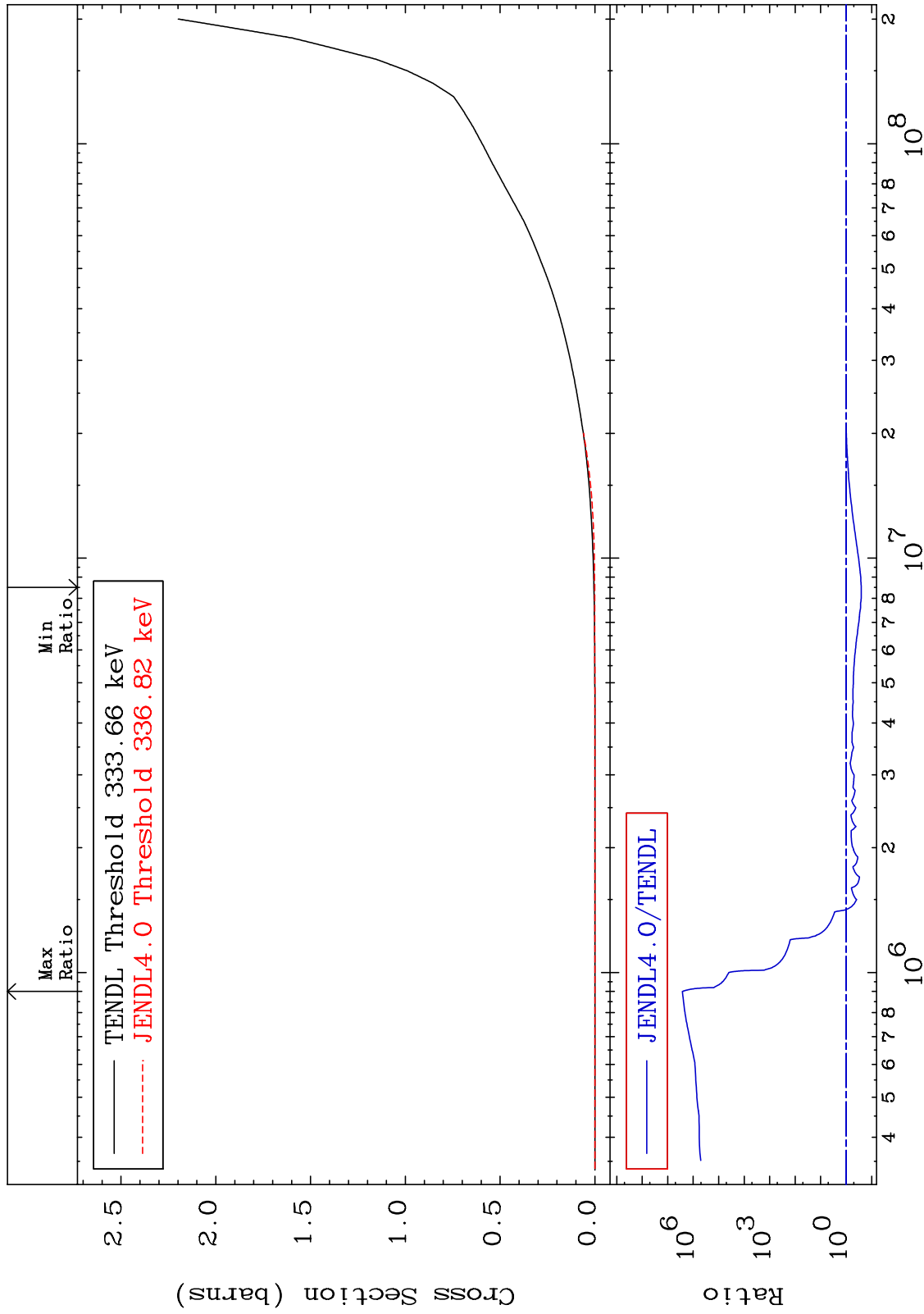
Incident Energy (eV)

47-Ag-109

MAT 4731

Hydrogen Production
Cross Section

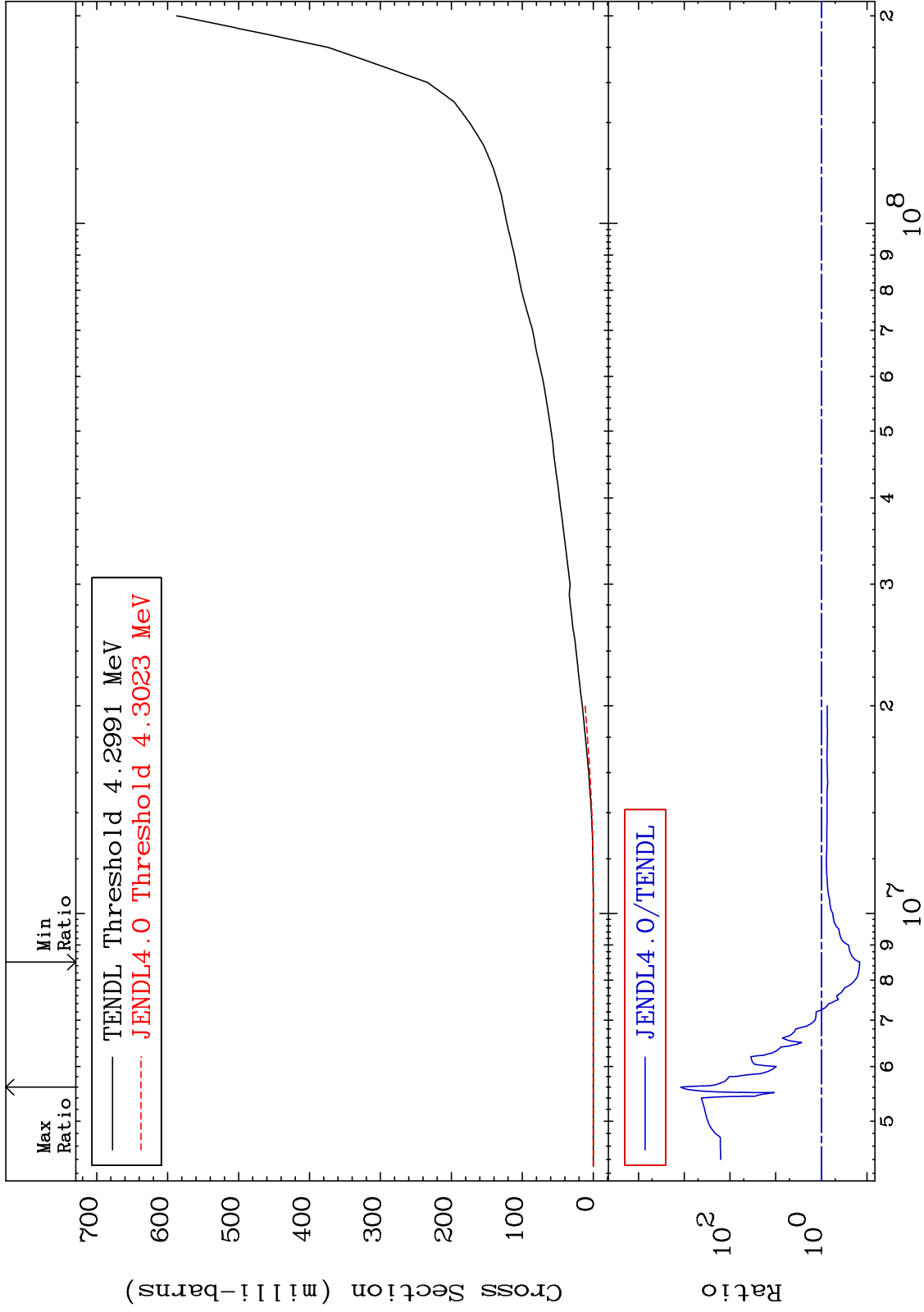
47-Ag-109
-74.53 To 9999. %

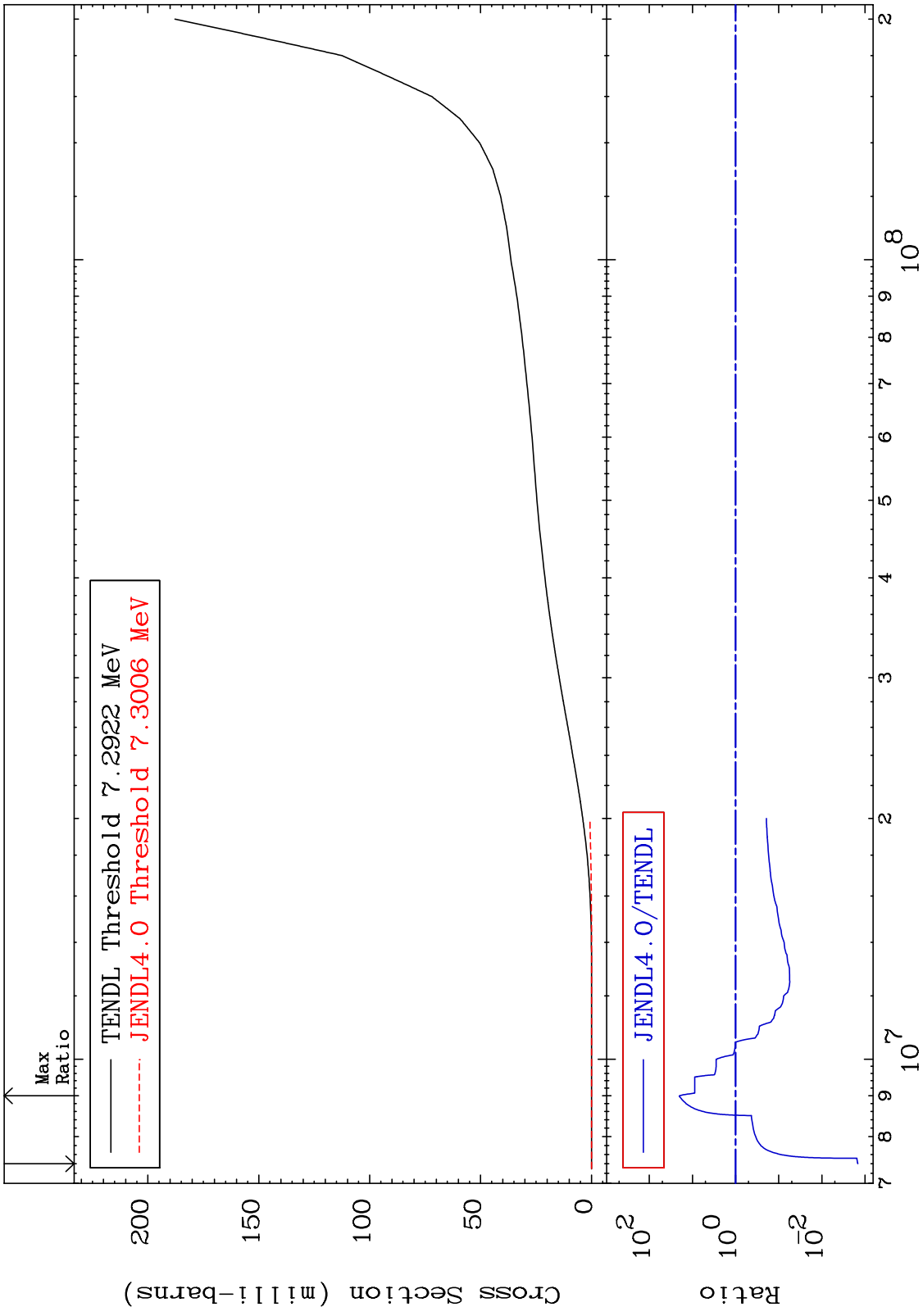


MAT 4731

Deuterium Production
Cross Section

47-Ag-109
-85.51 To 9999. %

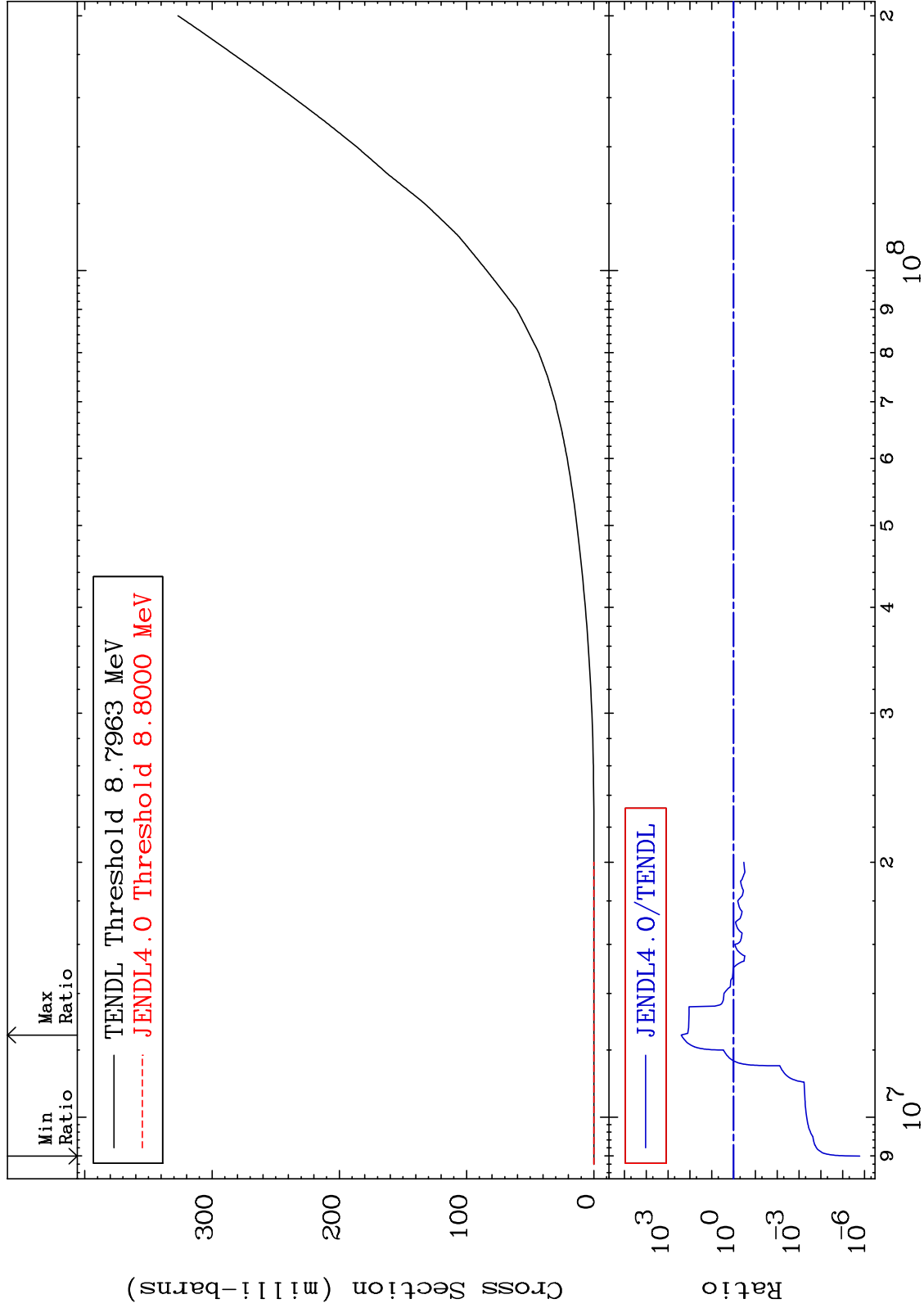




MAT 4731

He-3 Production
Cross Section

47-Ag-109
-100.0 To 9999. %



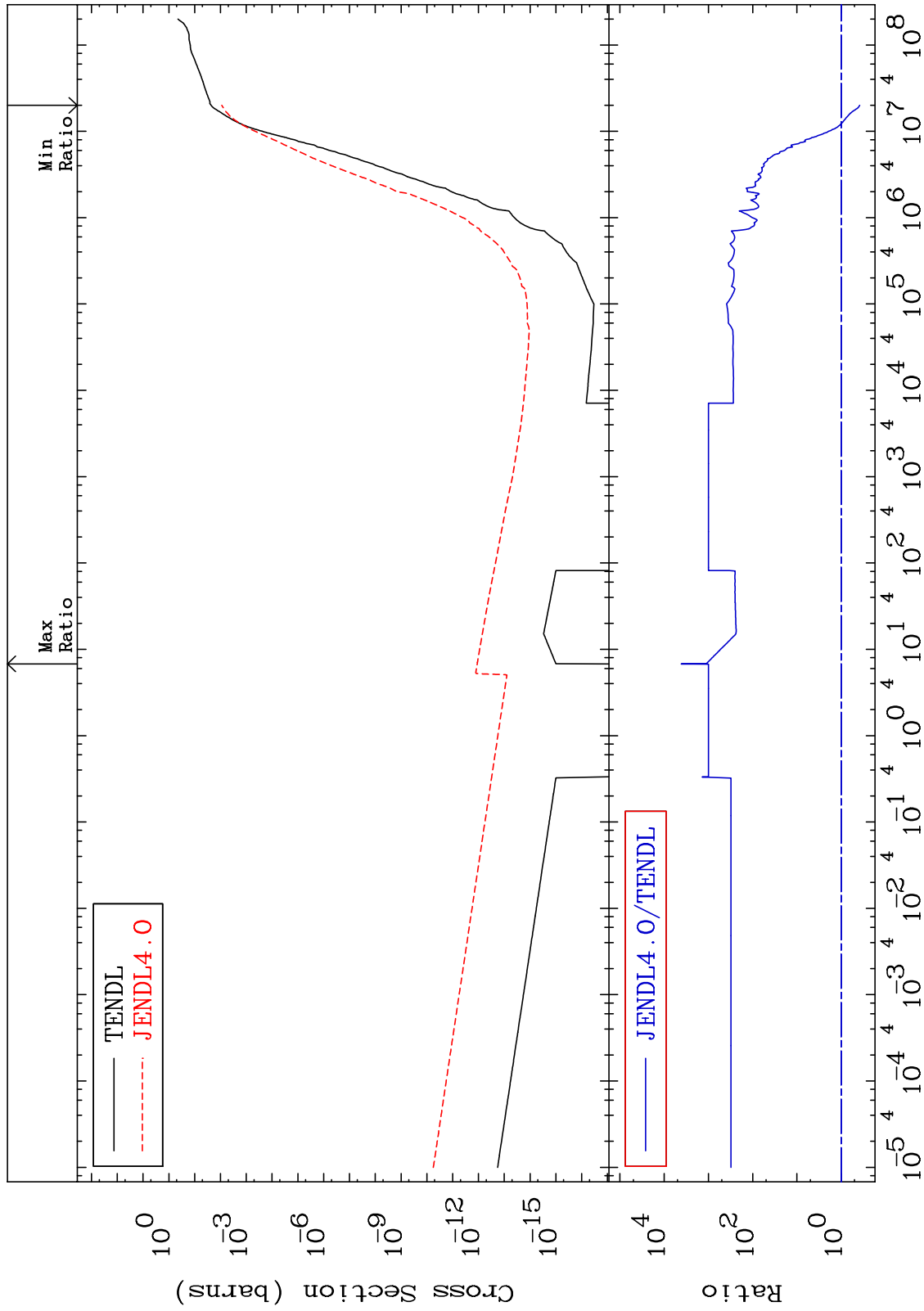
40

47-Ag-109

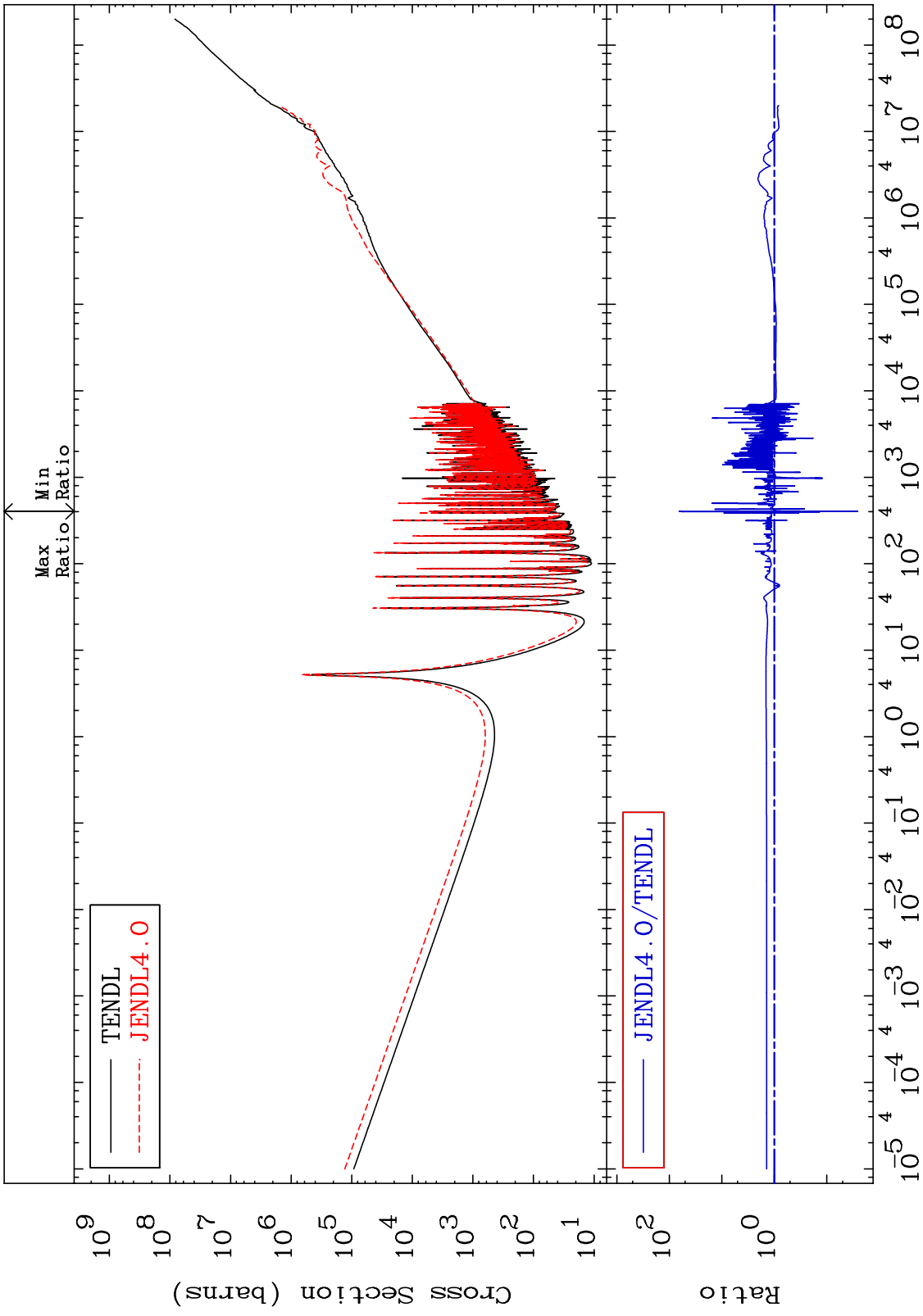
MAT 4731

He-4 Production
Cross Section

47-Ag-109
-61.90 To 9999. %



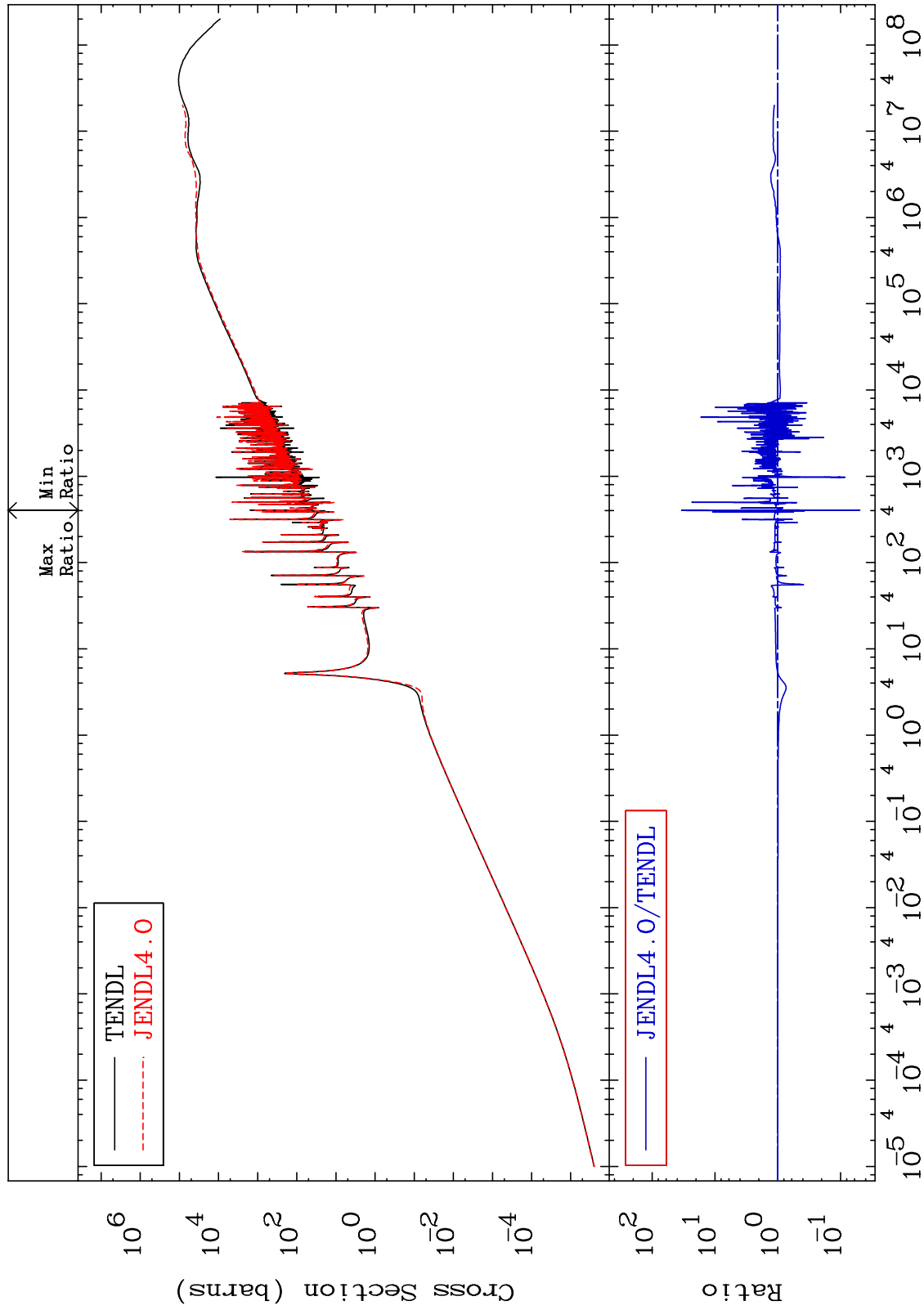
MAT 4731 Kerma total (eV-barns) 47-Ag-109
 Cross Section -97.43 To 6431. %



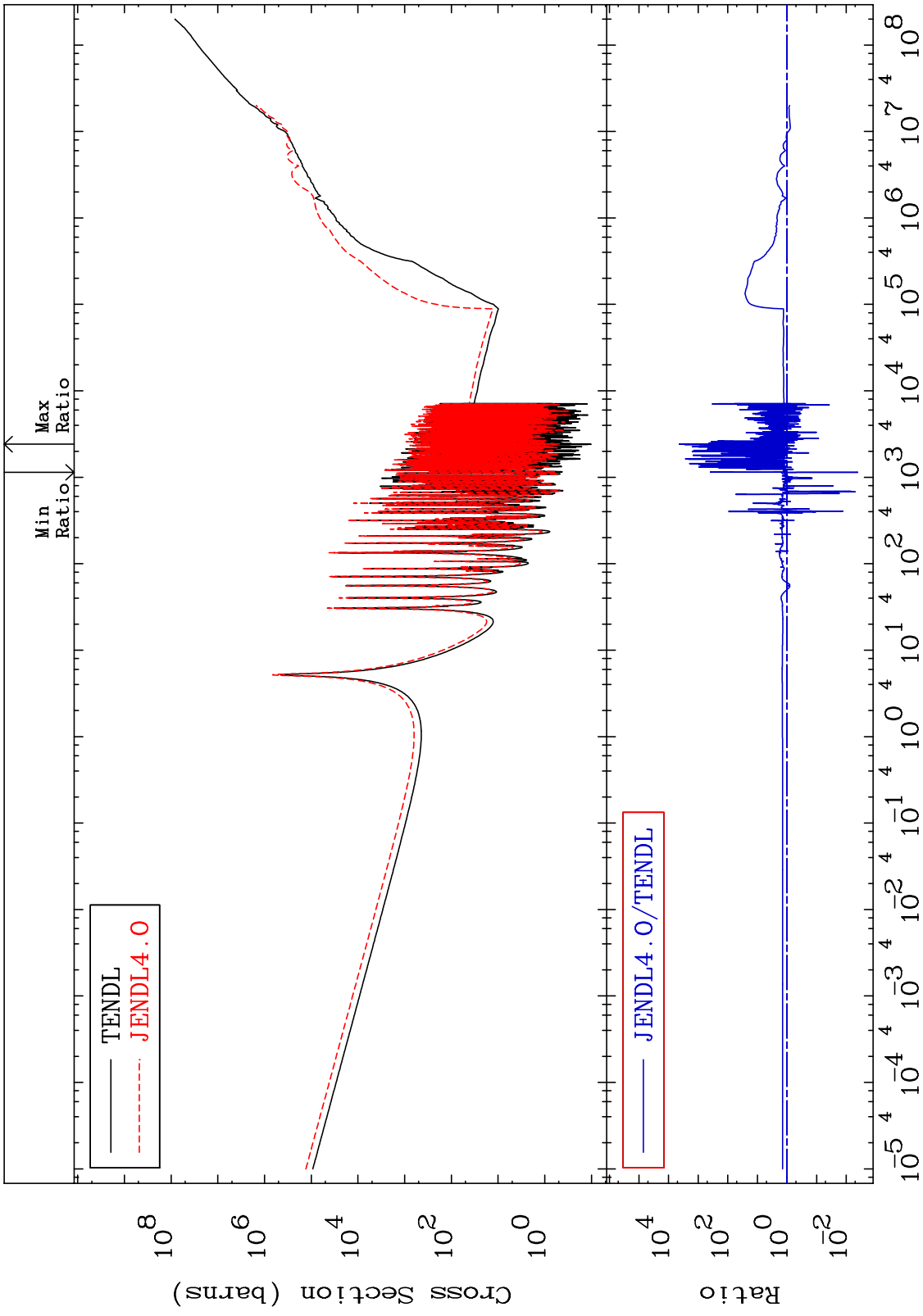
MAT 4731

Kerma elastic
Cross Section

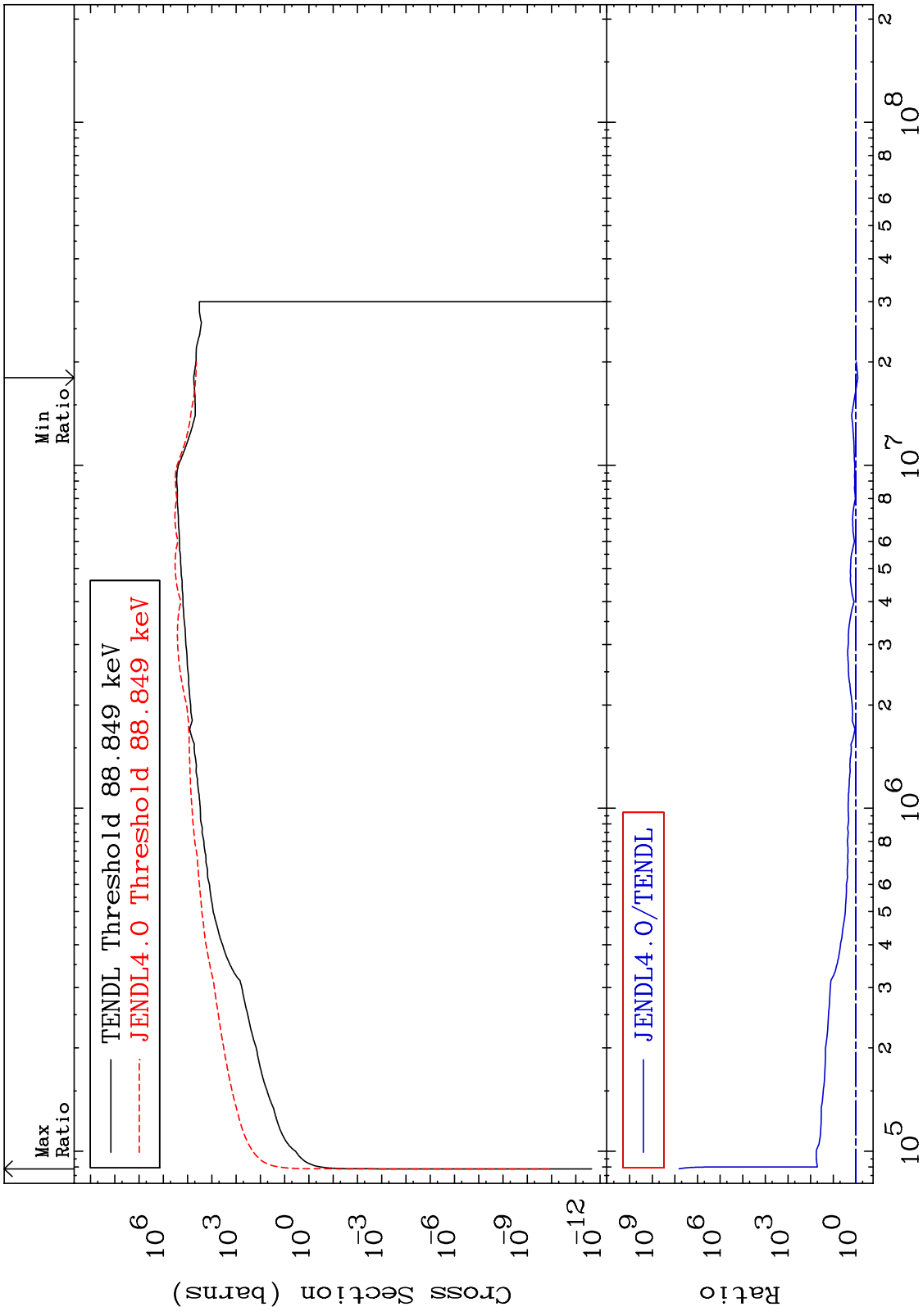
47-Ag-109
-95.06 To 3320. %



MAT 4731 Kerma non-elastic (all but mt2) 47-Ag-109
 Cross Section -99.59 To 9999. %



MAT 4731 Kerma inelastic (mt51-91) 47-Ag-109
Cross Section -18.21 To 9999. %

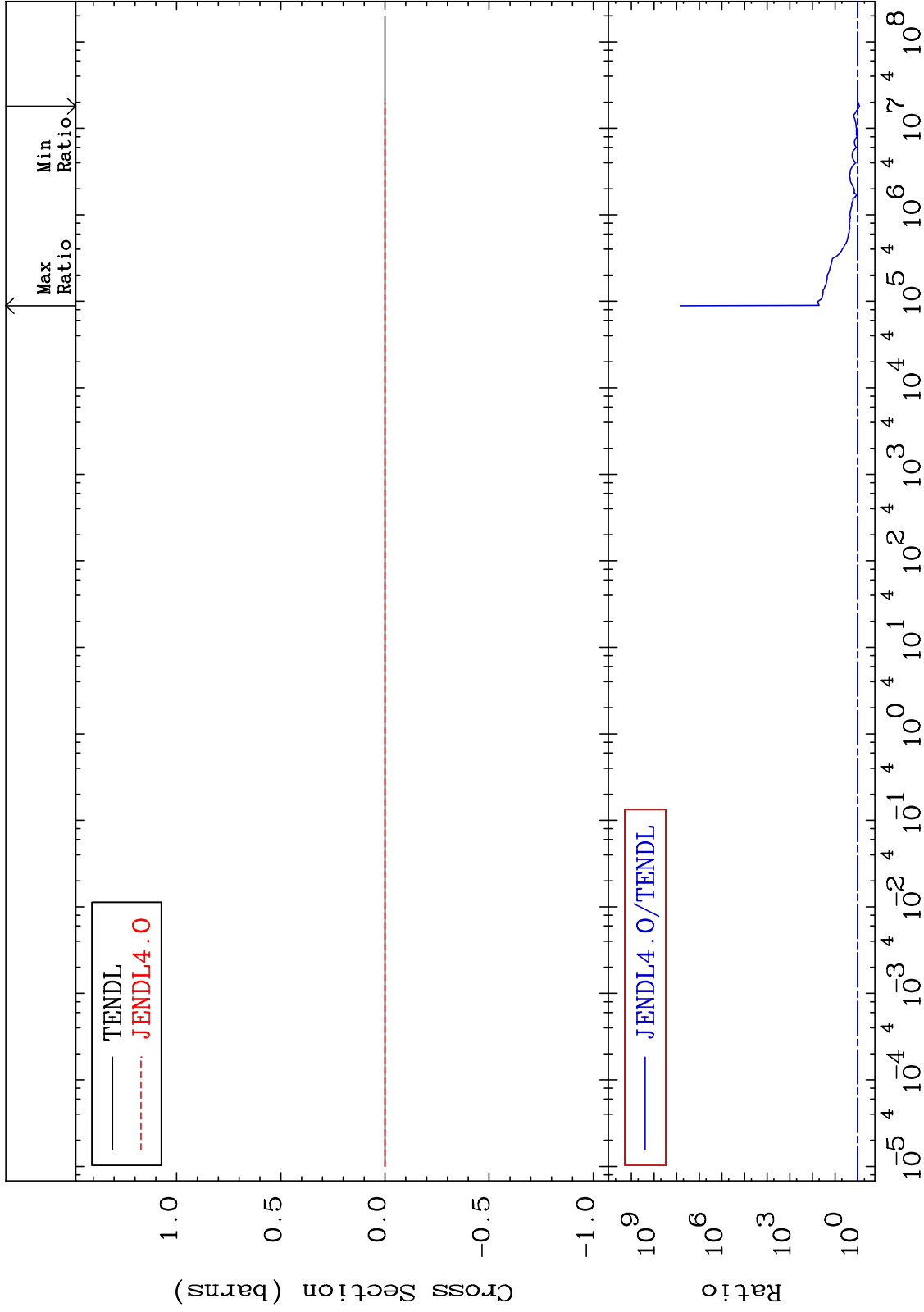


45 Incident Energy (eV) 47-Ag-109

MAT 4731

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

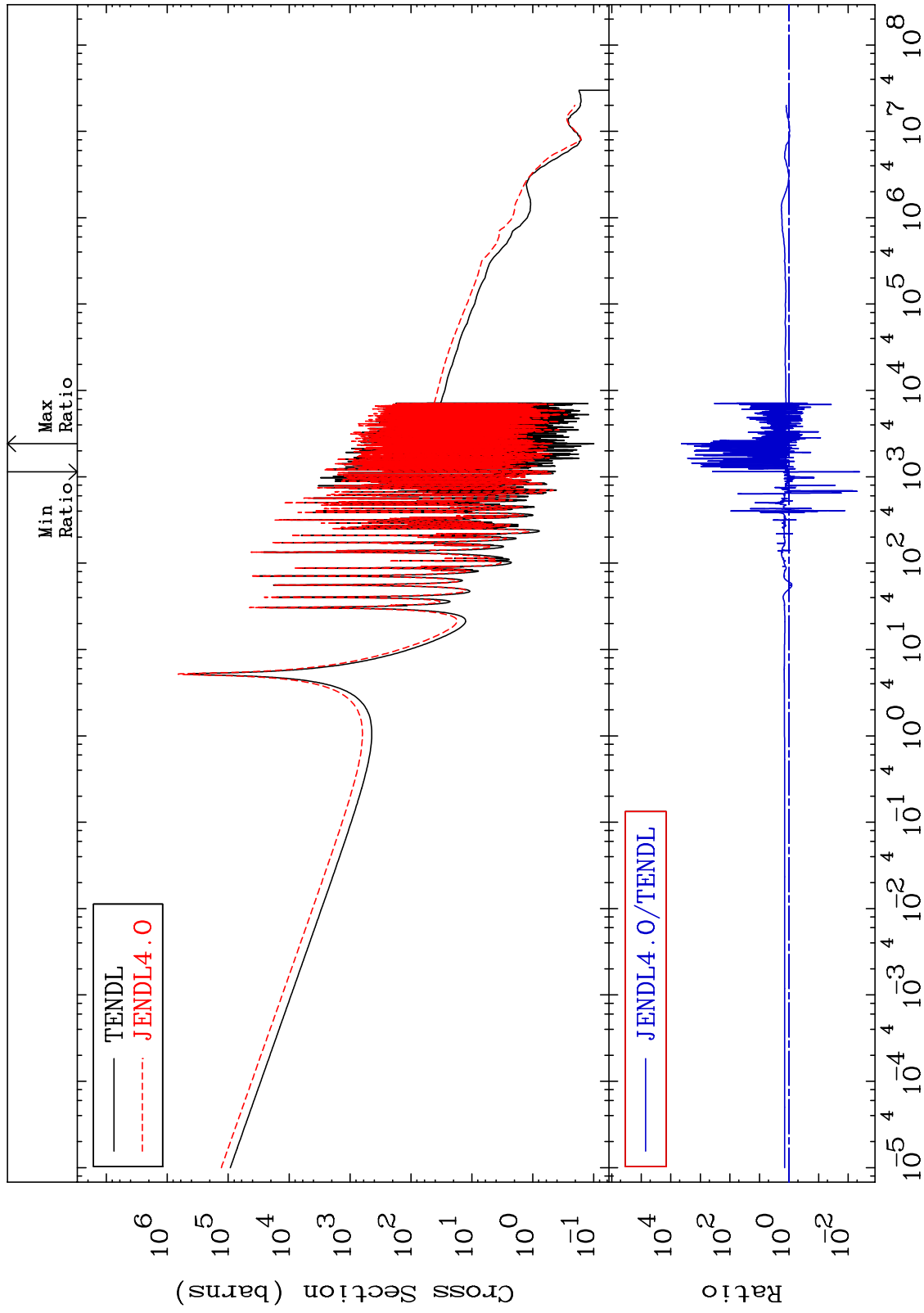
47-Ag-109
-18.21 To 9999. %



MAT 4731

Kerma capture (mt102)
Cross Section

47-Ag-109
-99.59 To 9999. %



47

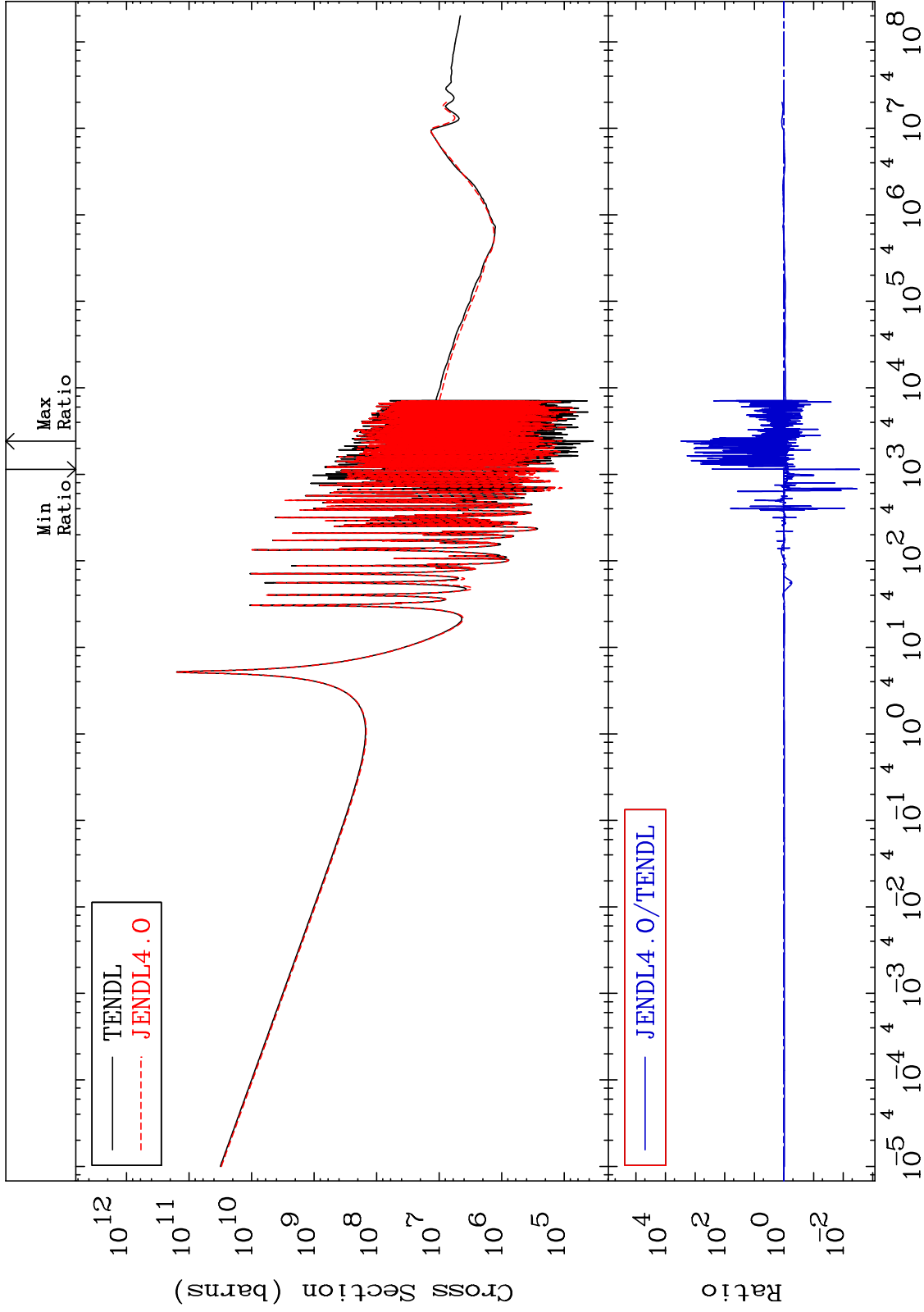
Incident Energy (eV)

47-Ag-109

MAT 4731

Total photon (eV-barns)
Cross Section

47-Ag-109
-99.72 To 9999. %

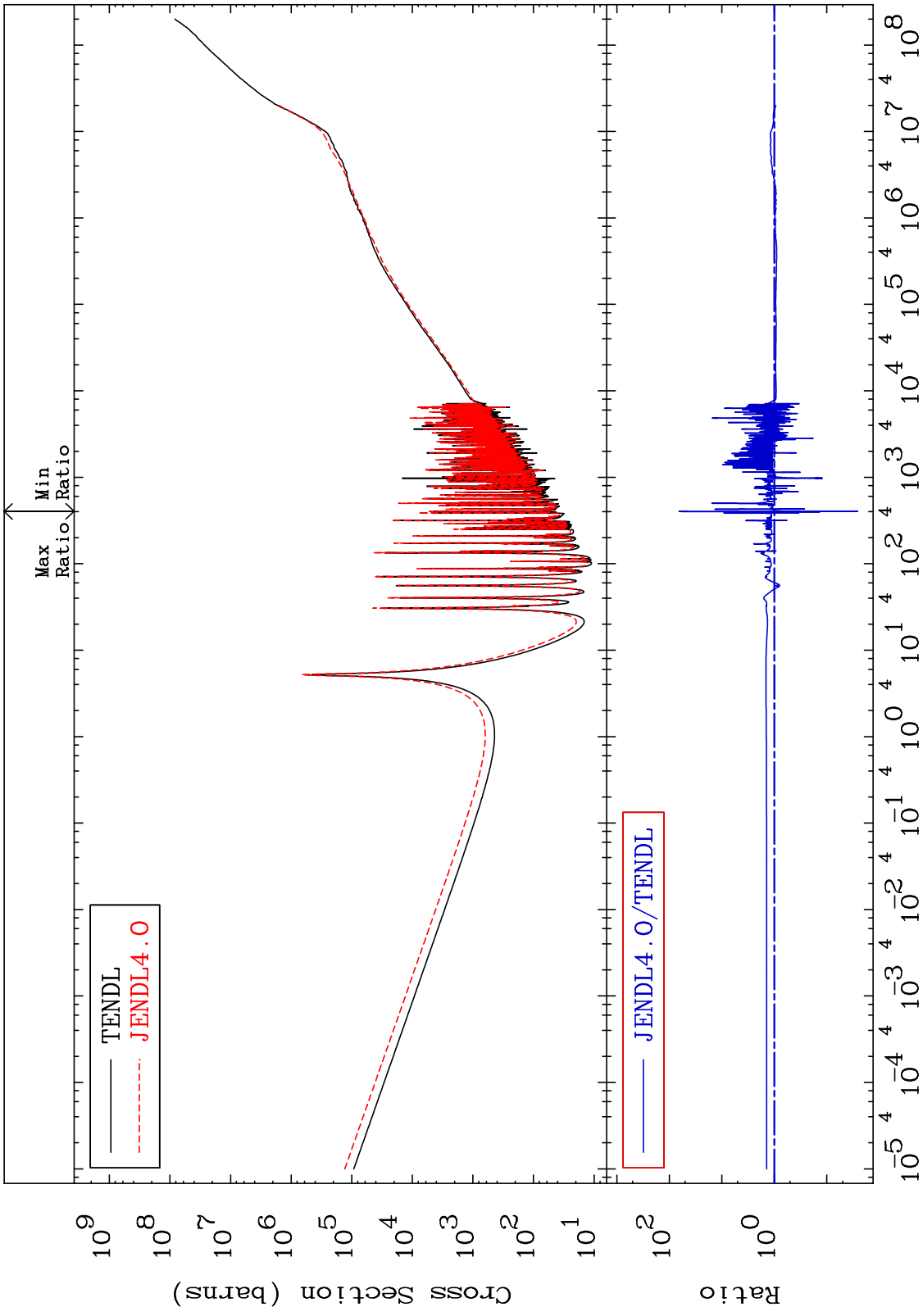


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Incident Energy (eV)

47-Ag-109

MAT 4731 Total kinematic kerma (high limit) 47-Ag-109
 Cross Section -97.43 To 6431. %



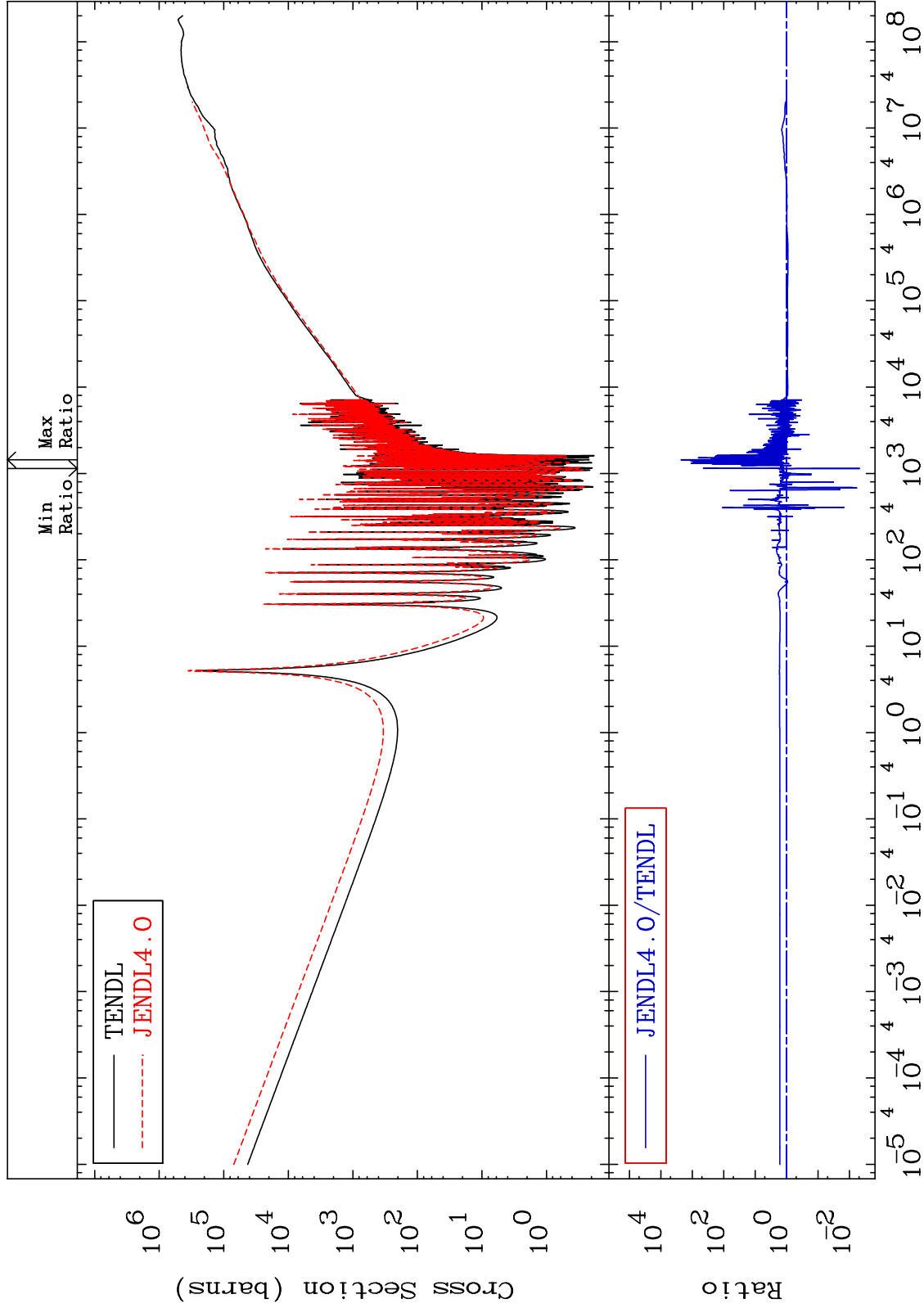
MAT 4731

Dpa total (eV-barns)

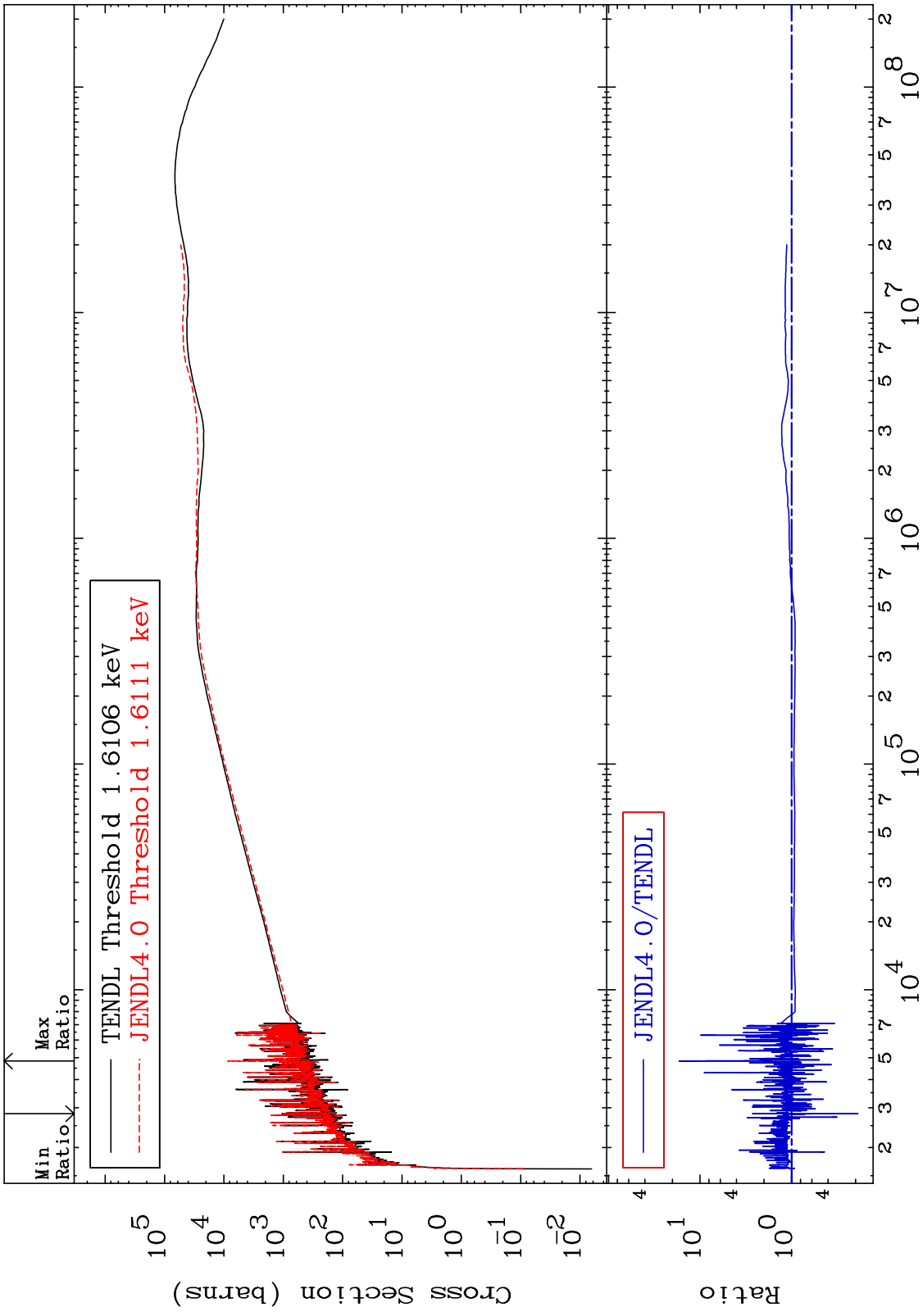
47-Ag-109

Cross Section

-99.53 To 9999. %



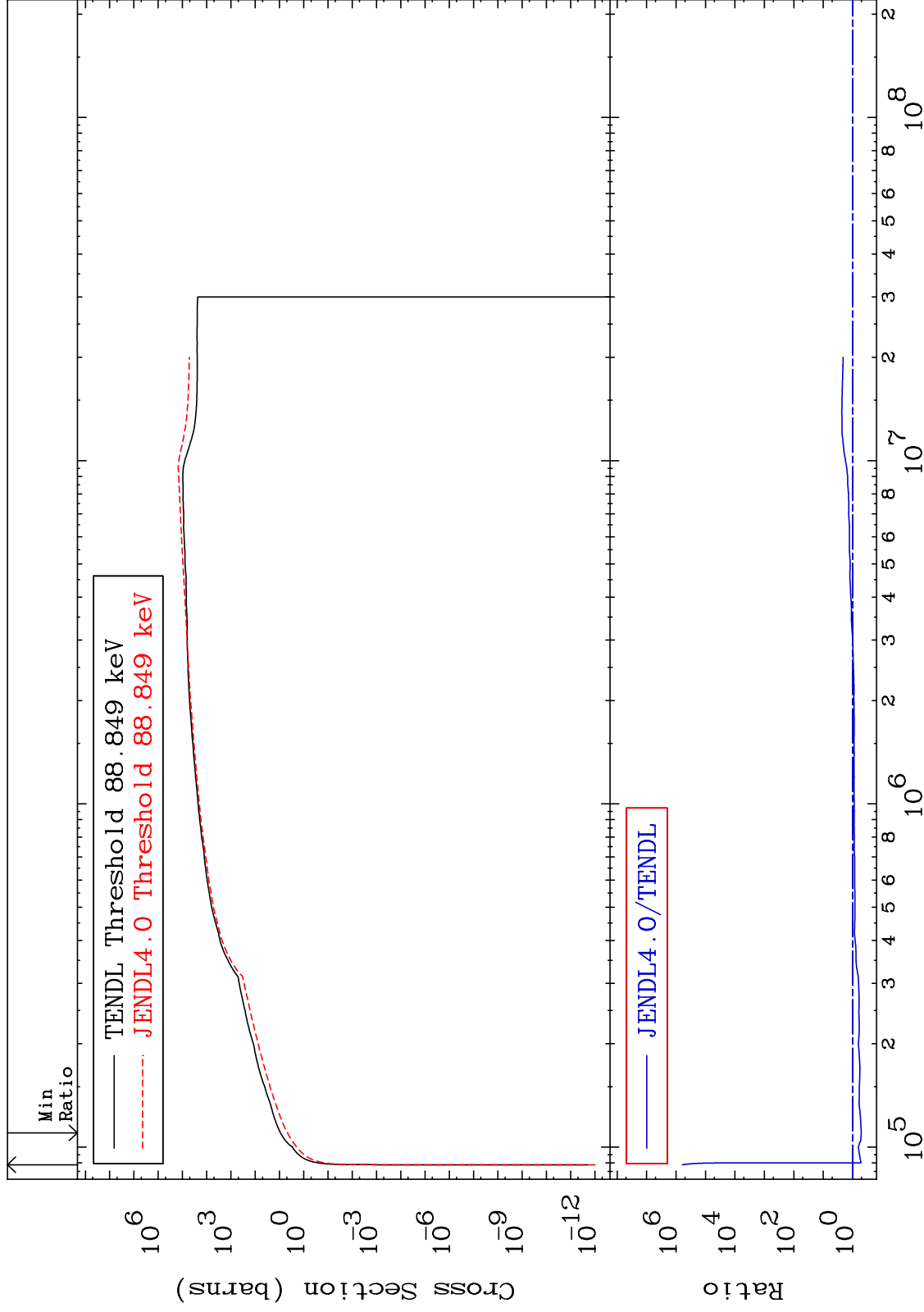
MAT 4731 Dpa elastic (mt2) 47-Ag-109
Cross Section -81.13 To 1595. %



MAT 4731

Dpa inelastic (mt51-91)
Cross Section

47-Ag-109
-48.99 To 9999. %



52

47-Ag-109

MAT 4731 Dpa disappearance (mt102 -120) 47-Ag-109
 Cross Section -99.53 To 9999. %

