

Program Complot
(Version 2021-1)

by

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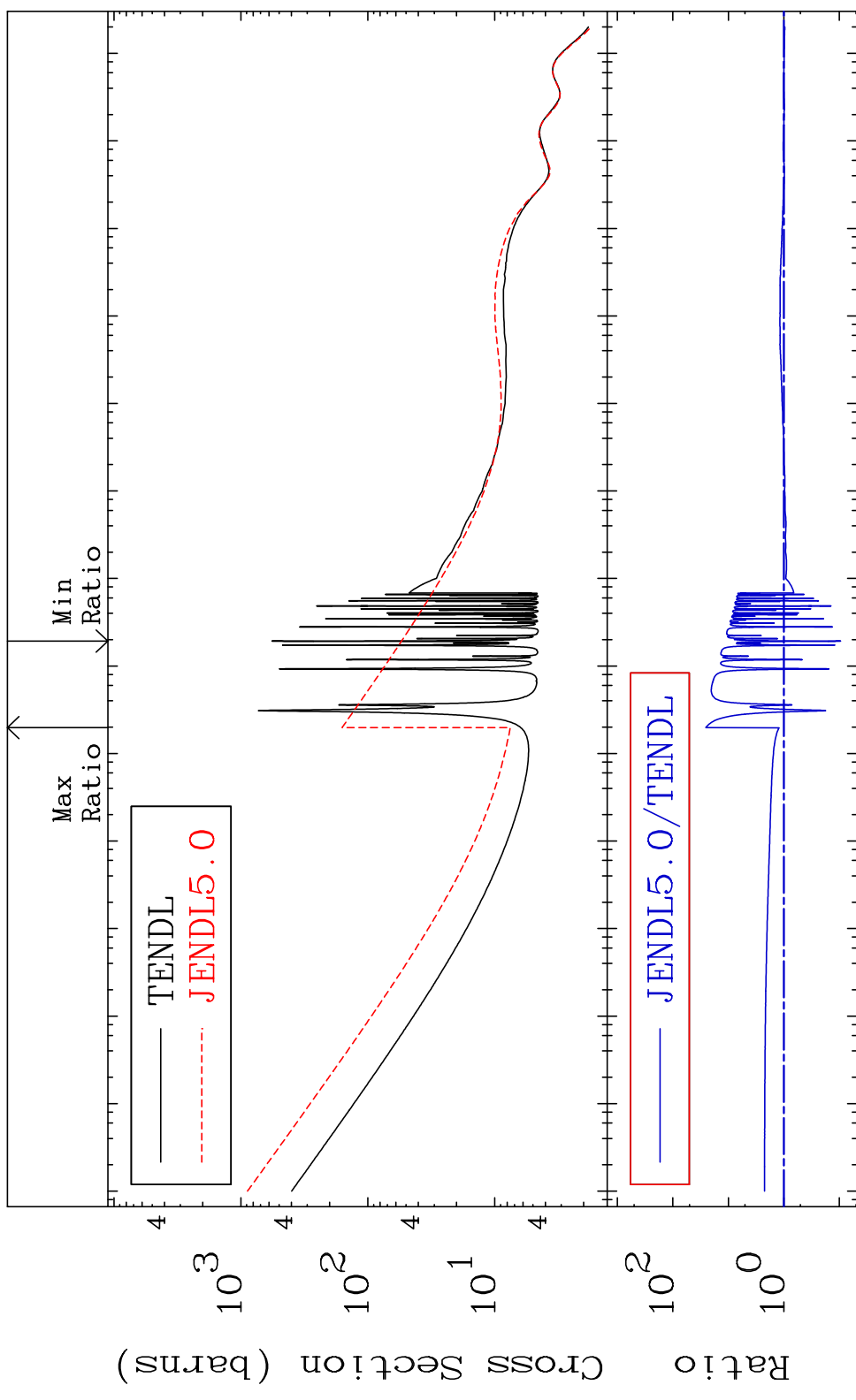
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4729

Total
Cross Section -90.47 To 2454. %

47-Ag-108m



10³ 10² 10¹ 10⁰ 10⁻¹ 10⁻² 10⁻³ 10⁻⁴ 10⁻⁵

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

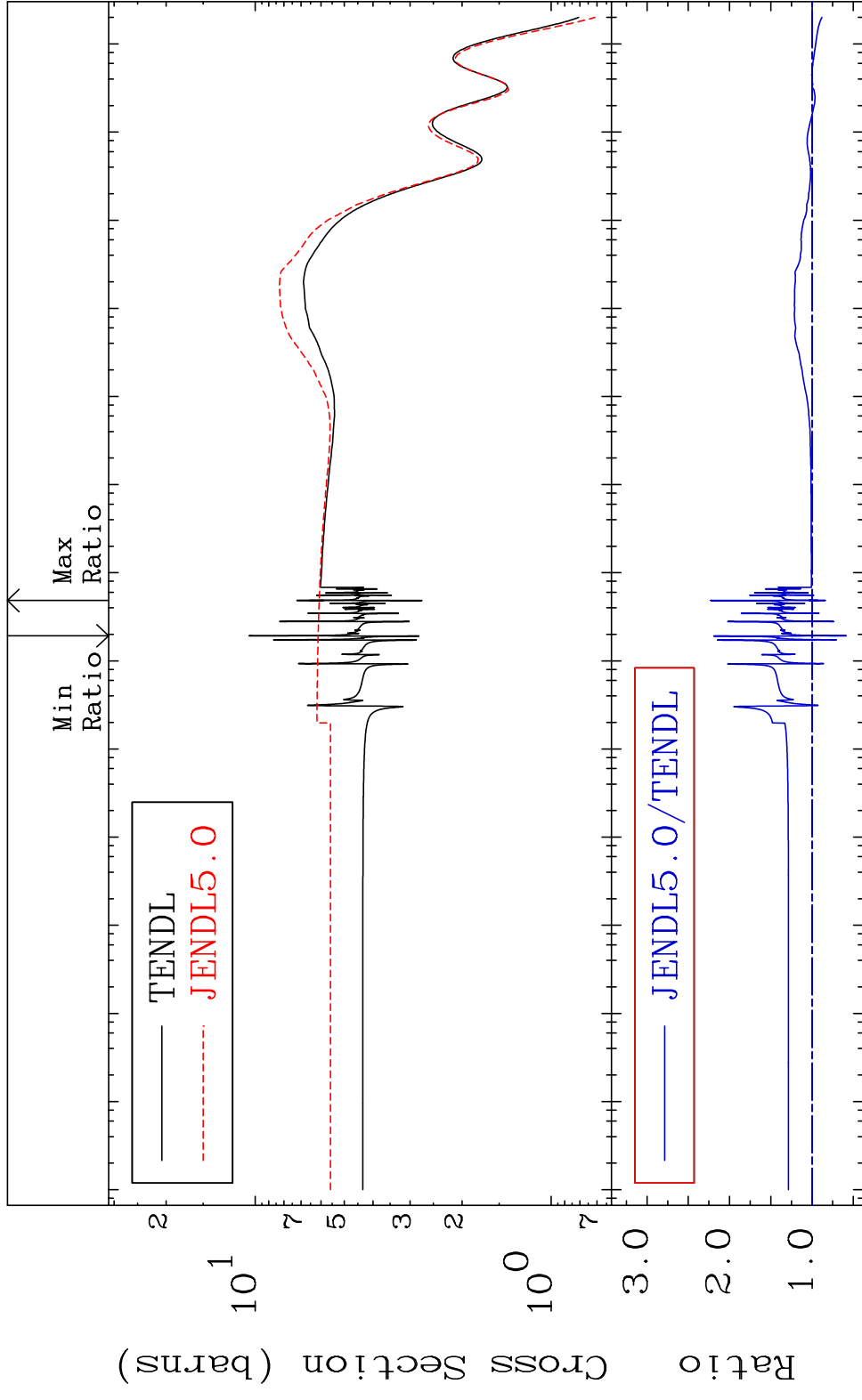
1 Incident Energy (eV) 47-Ag-108m

MAT 4729

Elastic

47-Ag-108m

Cross Section -41.50 To 122.8 %



2

Incident Energy (eV)

47-Ag-108m

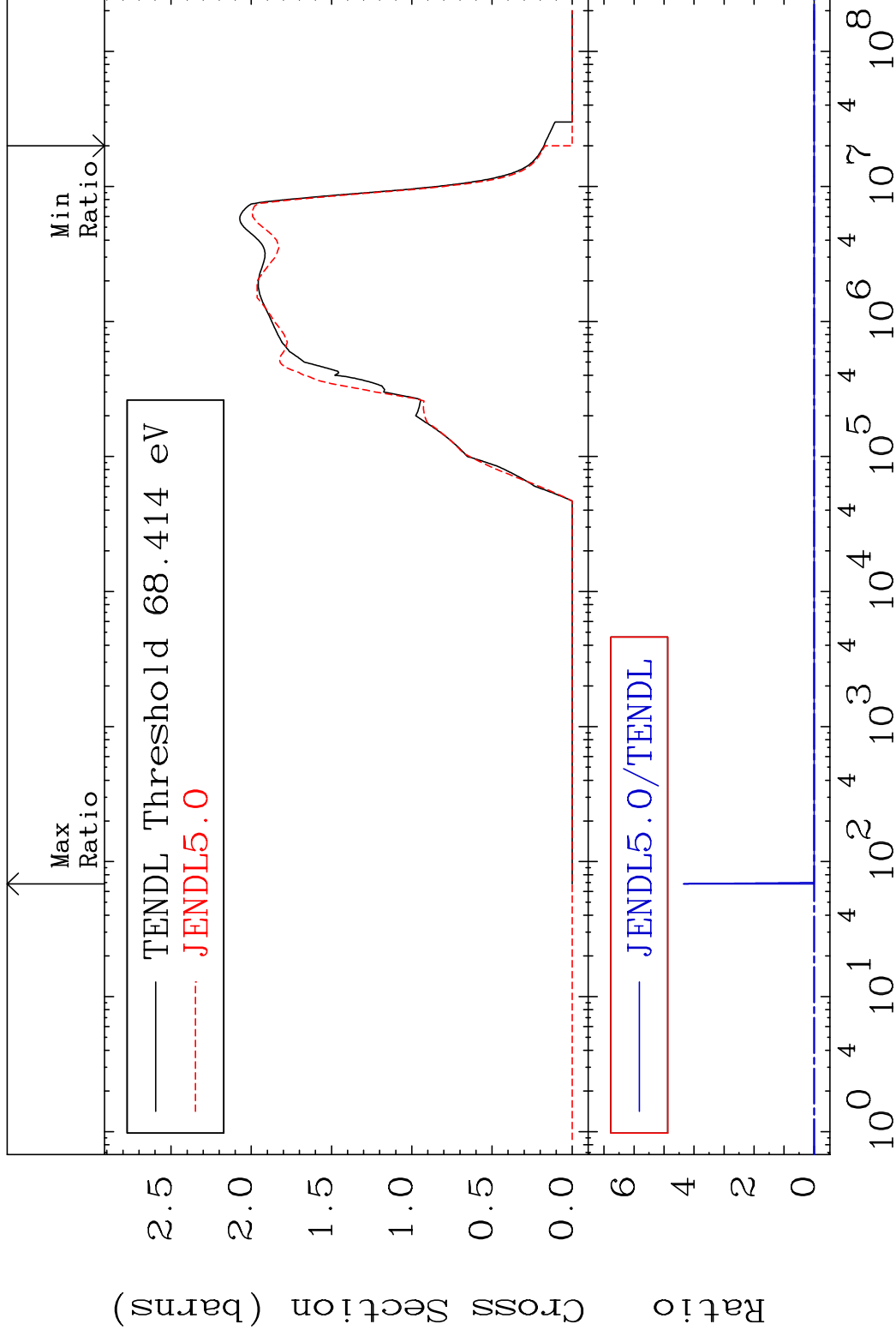
MAT 4729

Inelastic

47-Ag-108m

Cross Section

-100.0 To 9999. %



3

Incident Energy (eV)

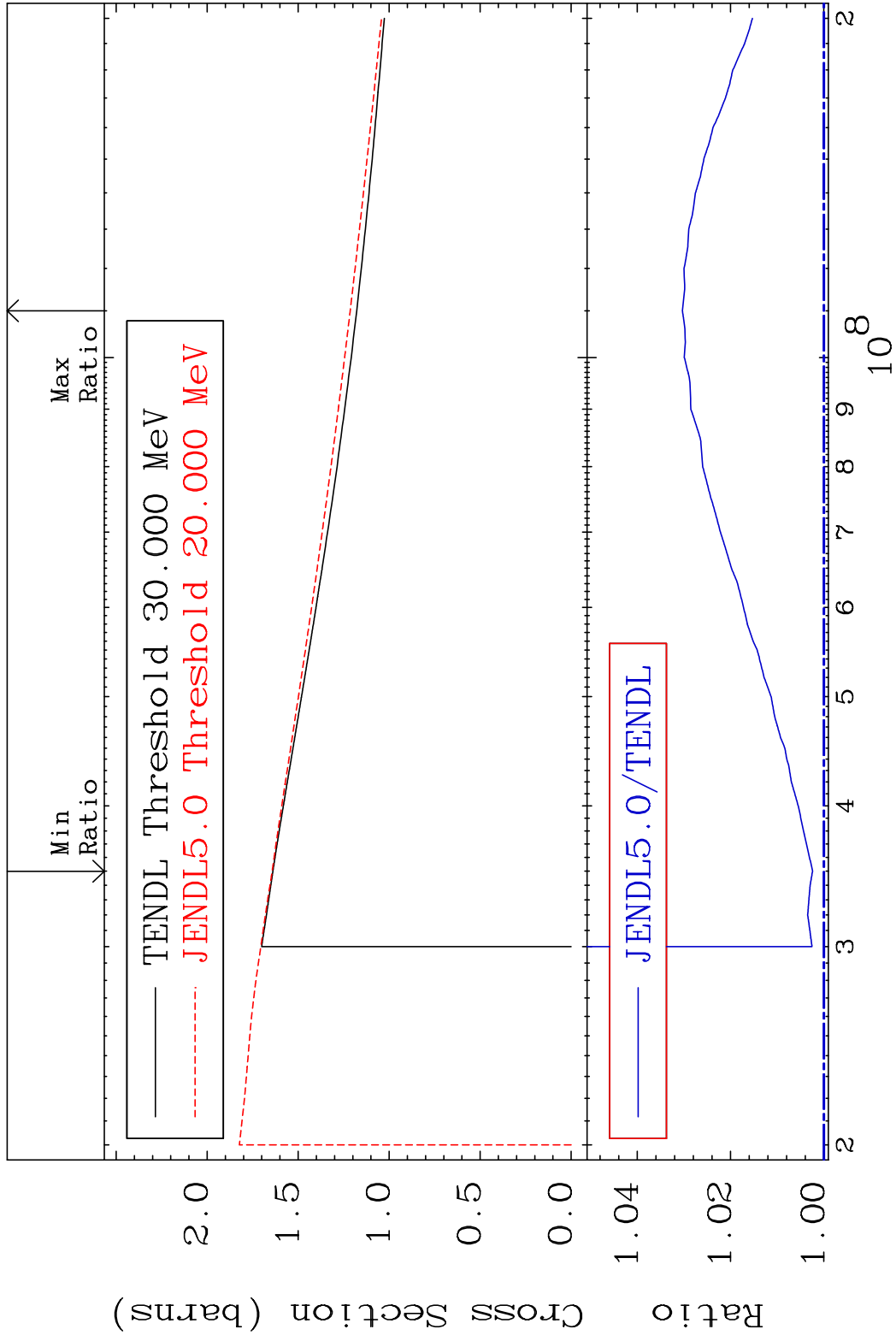
47-Ag-108m

MAT 4729

(n, remainder)

47-Ag-108m

Cross Section 0.243 To 3.035 %



4

Incident Energy (eV)

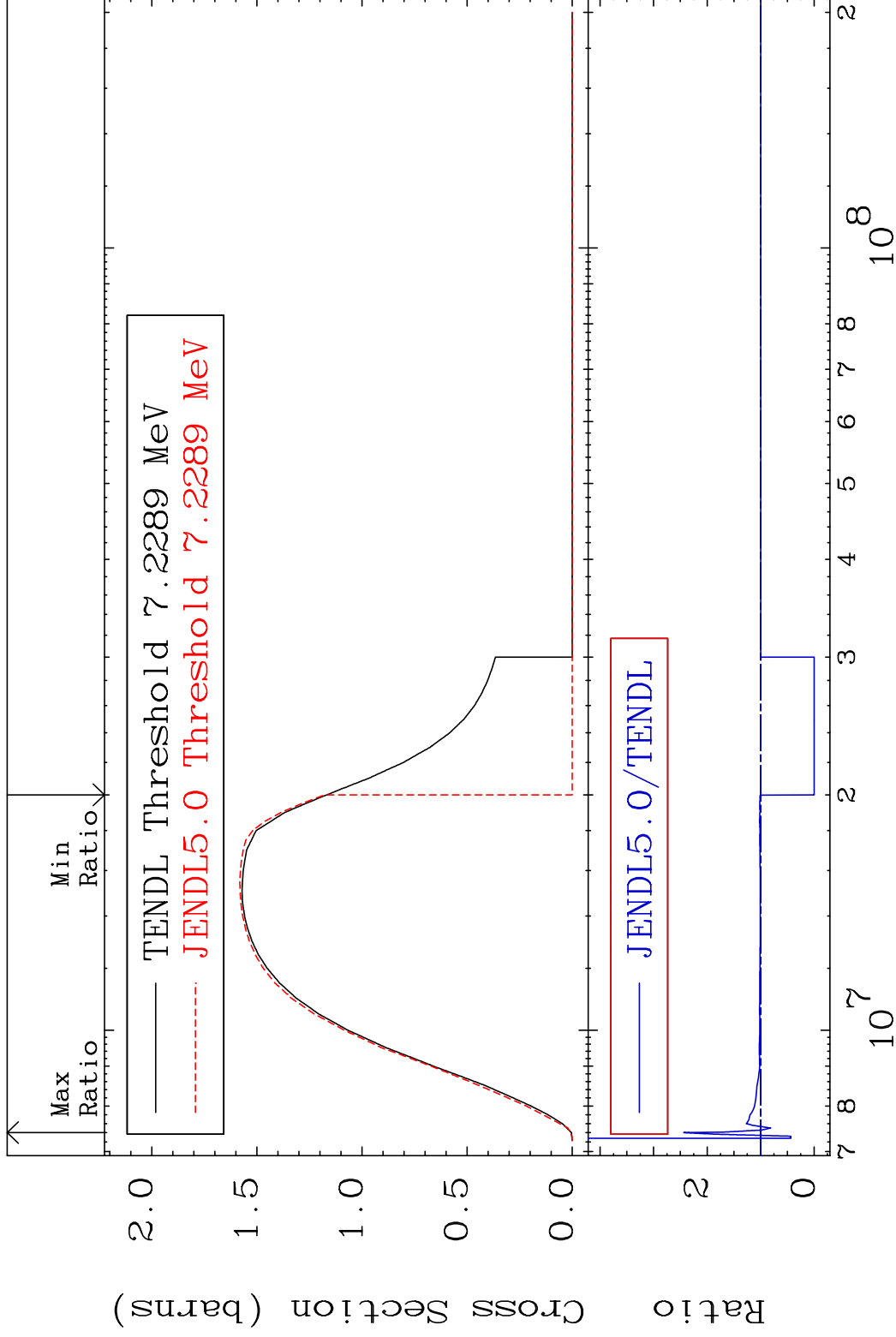
47-Ag-108m

MAT 4729

(n,2n)

47-Ag-108m

Cross Section -100.0 To 143.9 %



5

Incident Energy (eV)

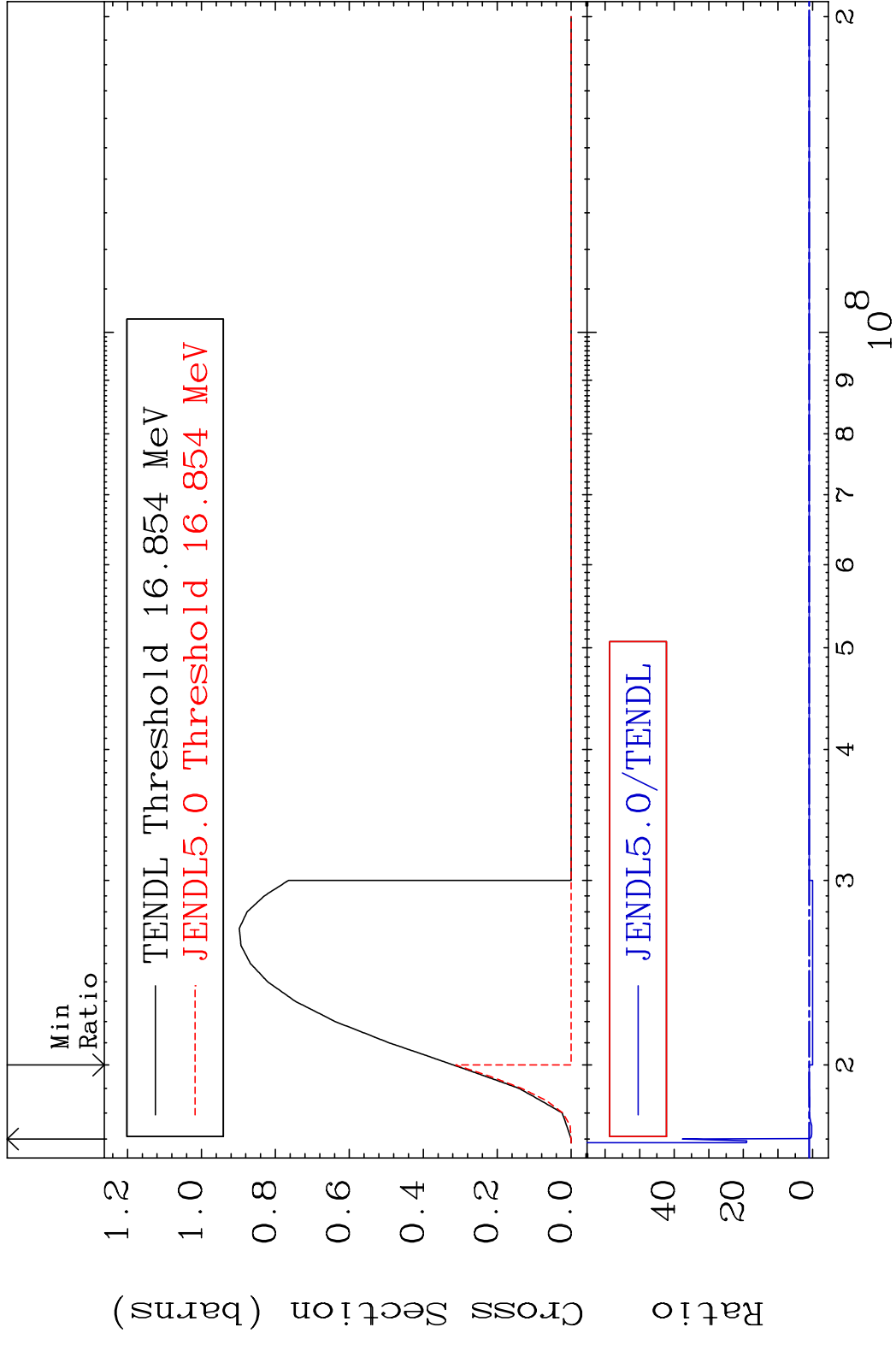
47-Ag-108m

MAT 4729

(n,3n)

47-Ag-108m

Cross Section -100.0 To 3665. %

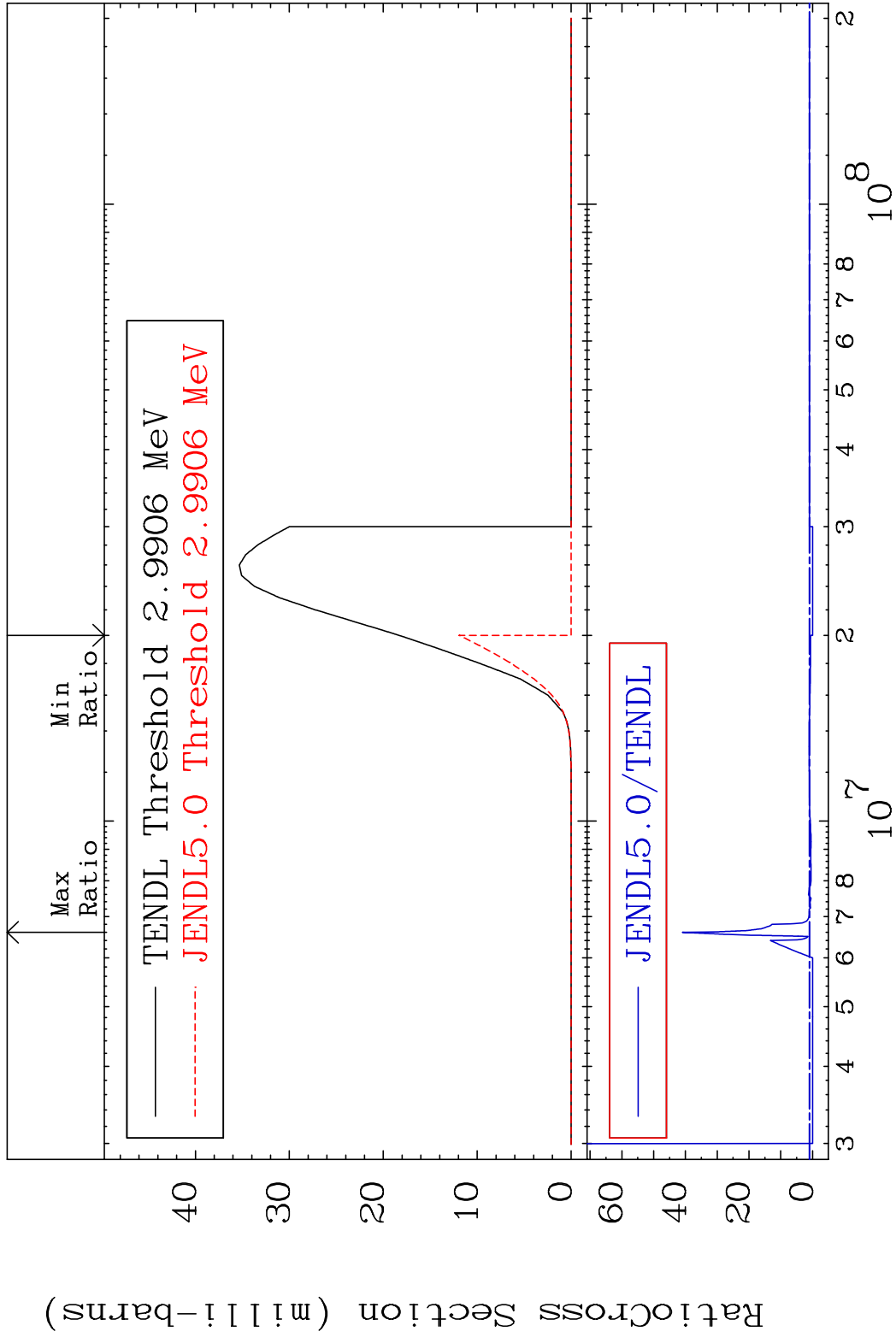


MAT 4729

(n, n') α

47-Ag-108m

Cross Section -100.0 To 3997. %



7

Incident Energy (eV)

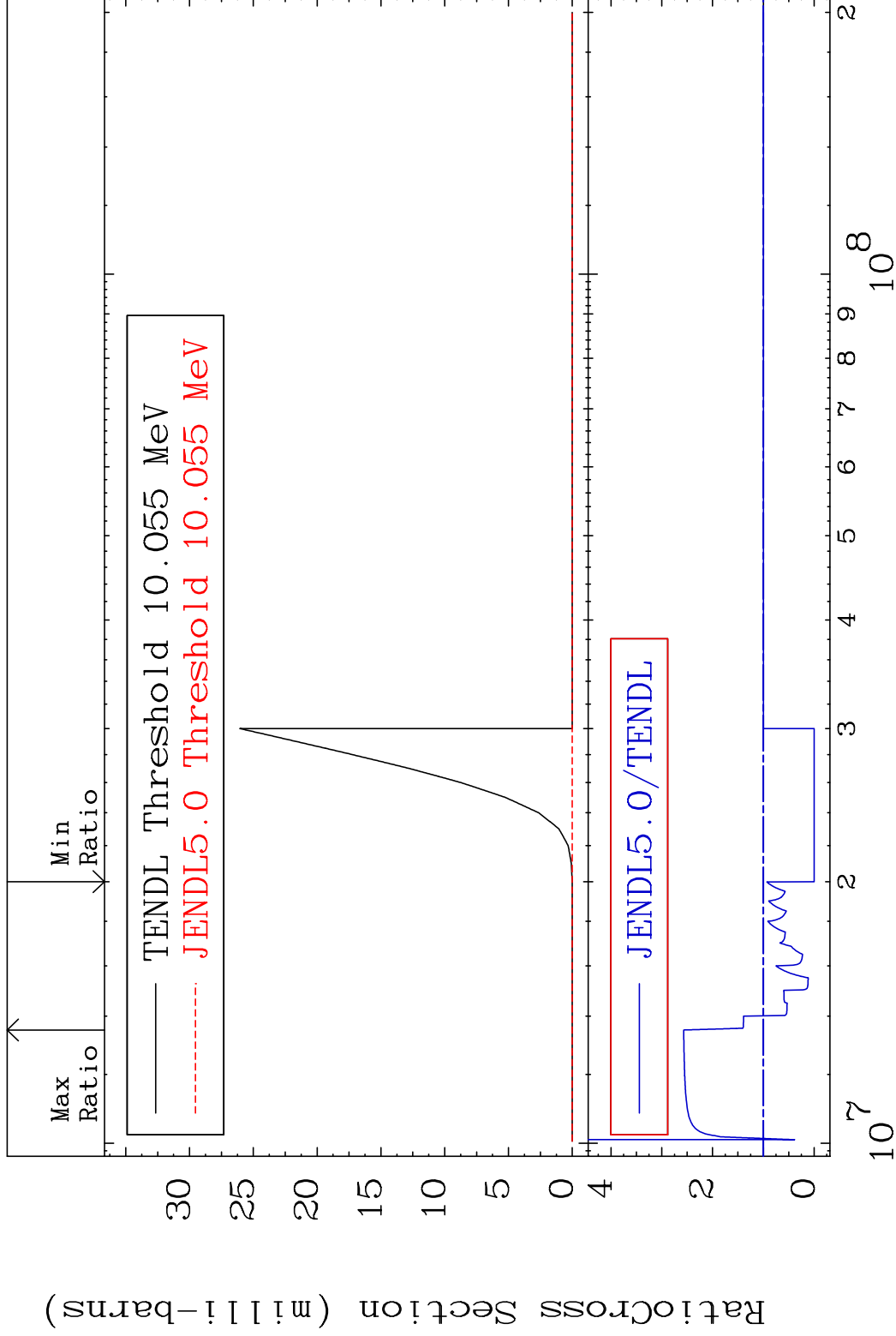
47-Ag-108m

MAT 4729

(n,2n) α

47-Ag-108m

Cross Section -100.0 To 156.9 %



8

Incident Energy (eV)

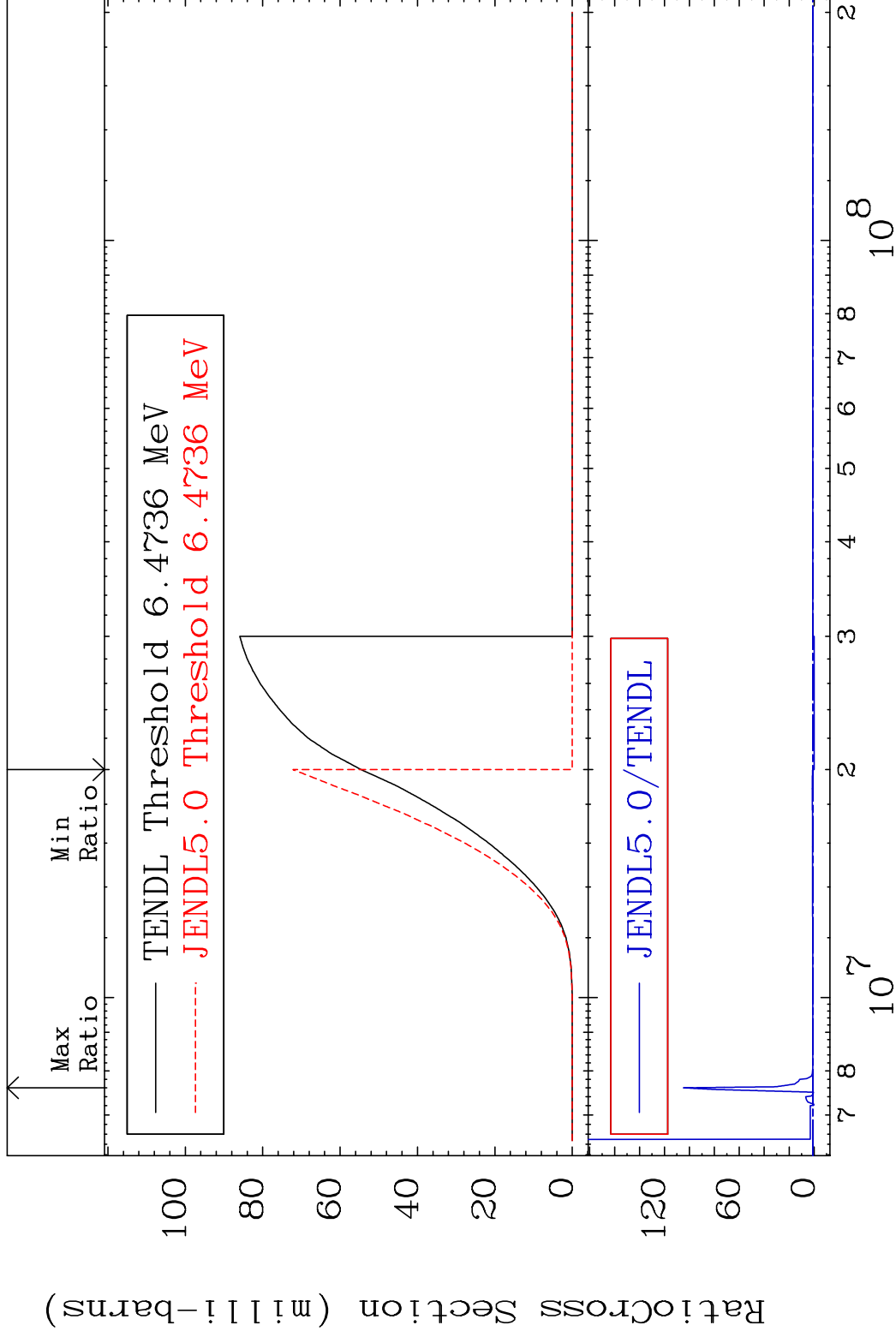
47-Ag-108m

MAT 4729

(n, n') p

47-Ag-108m

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

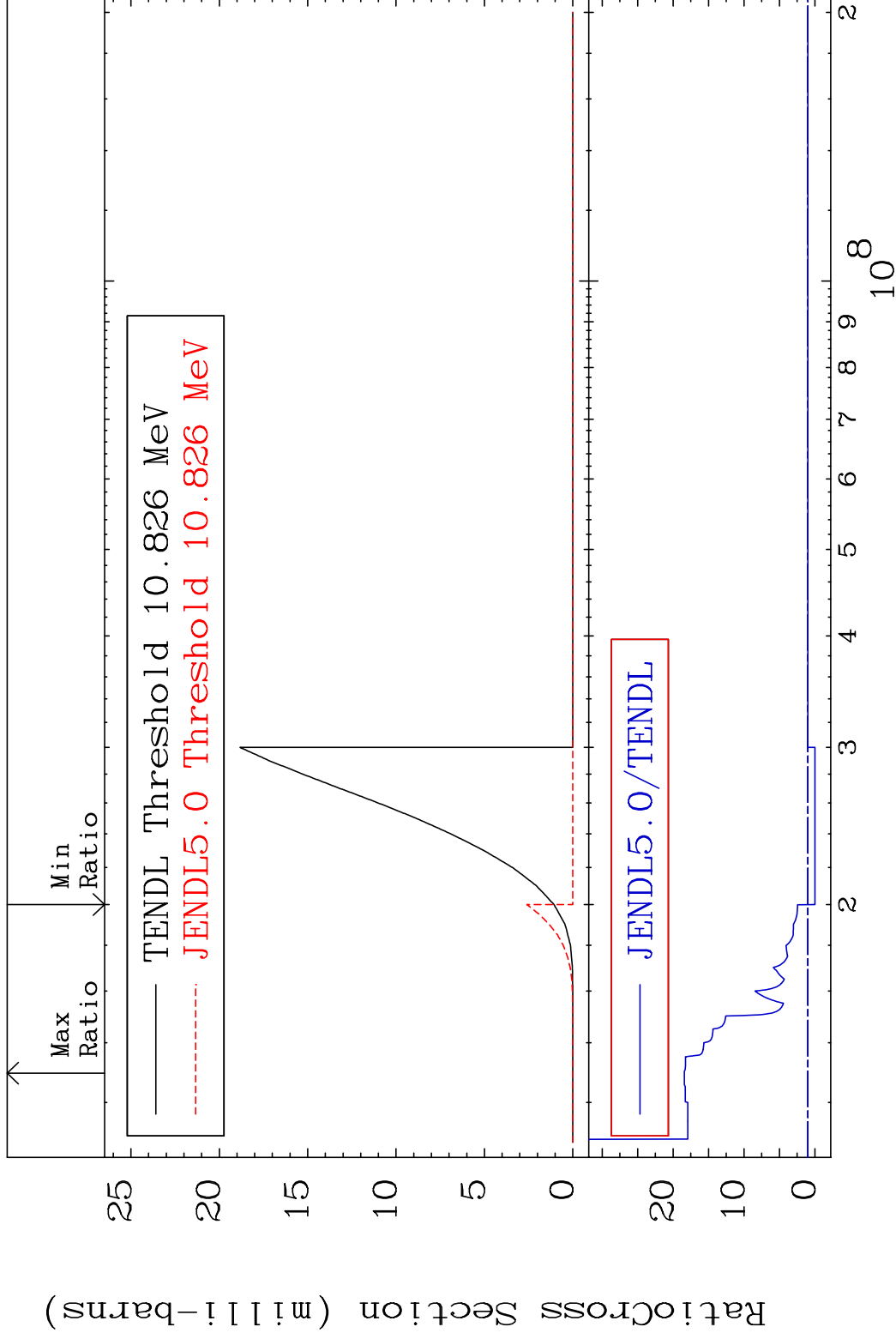
47-Ag-108m

MAT 4729

(n, n') d

47-Ag-108m

Cross Section -100.0 To 1741. %

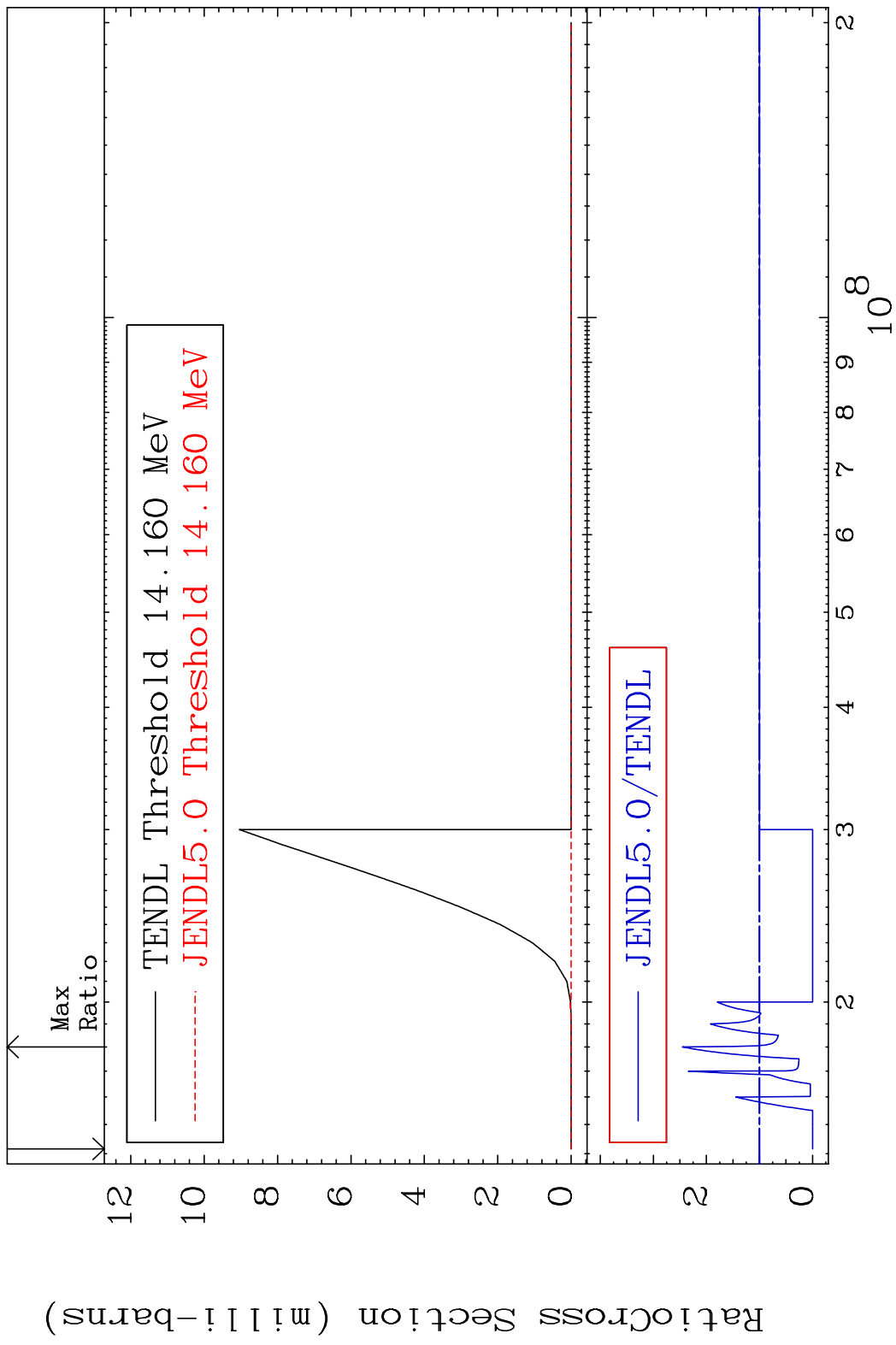


10

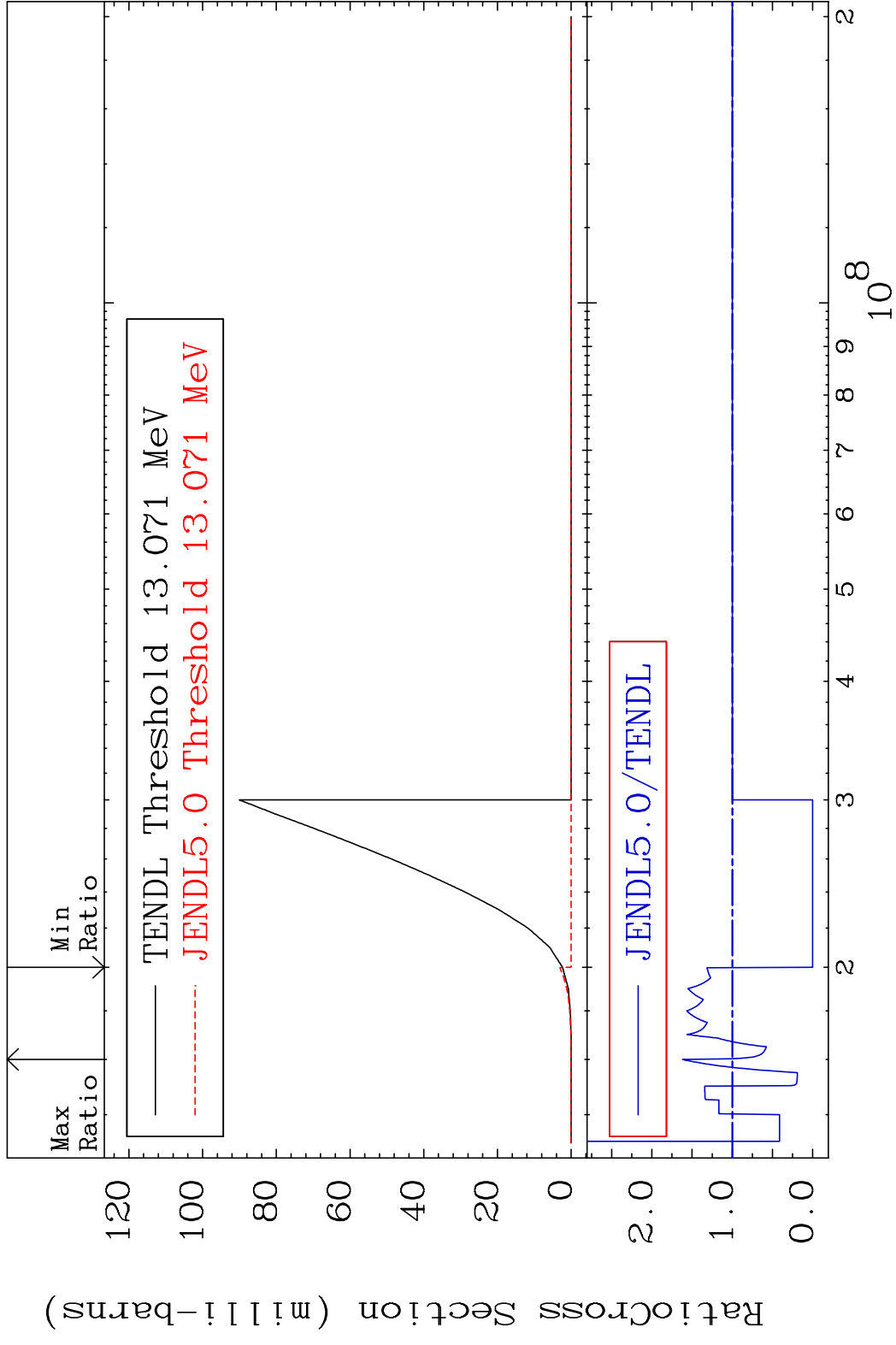
Incident Energy (eV)

47-Ag-108m

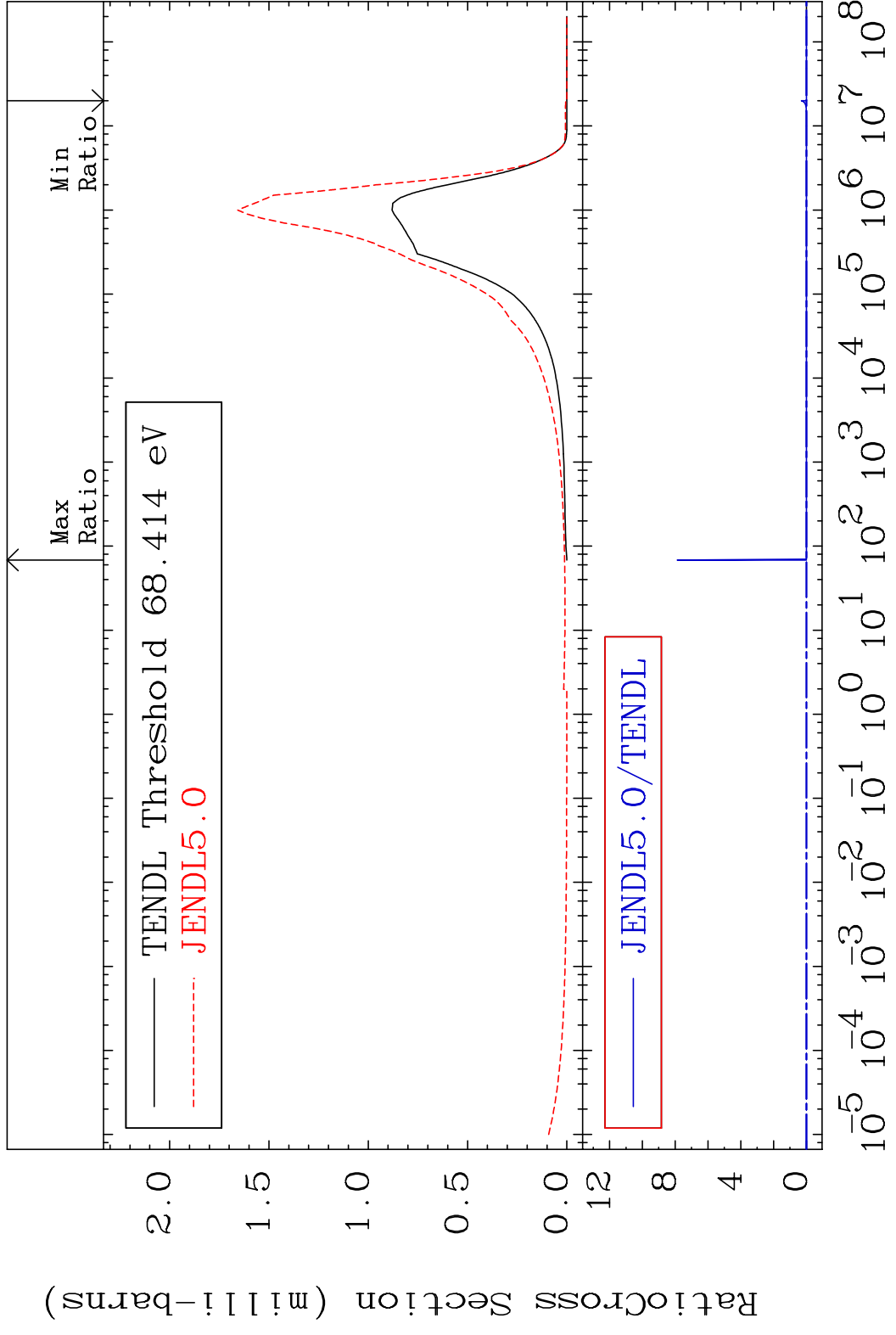
MAT 4729 (n, n') t 47-Ag-108m
 Cross Section -100.0 To 145.3 %



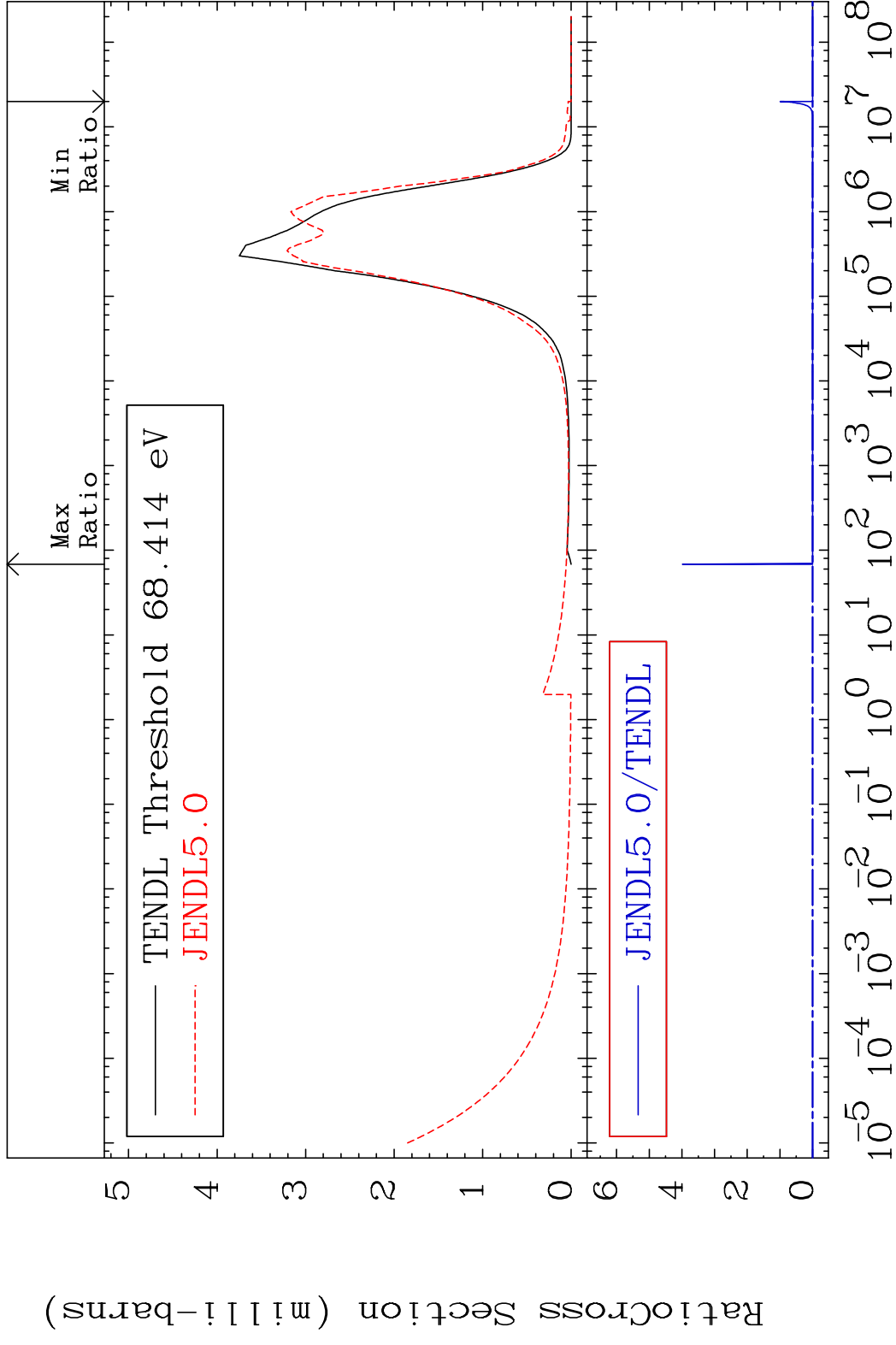
MAT 4729 (n,2n) p 47-Ag-108m
 Cross Section -100.0 To 62.10 %



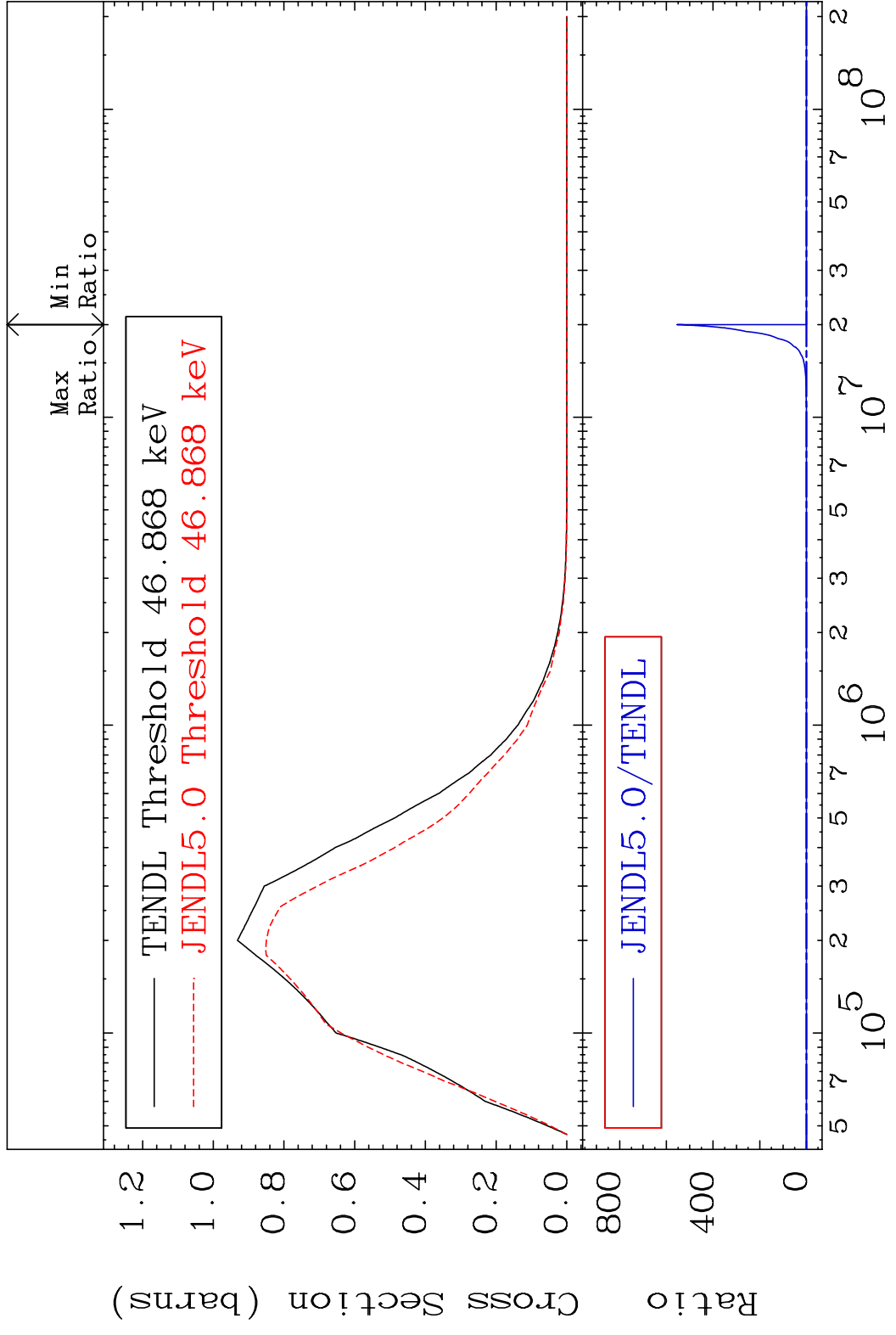
MAT 4729 MT= 51 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



MAT 4729 MT= 52 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %

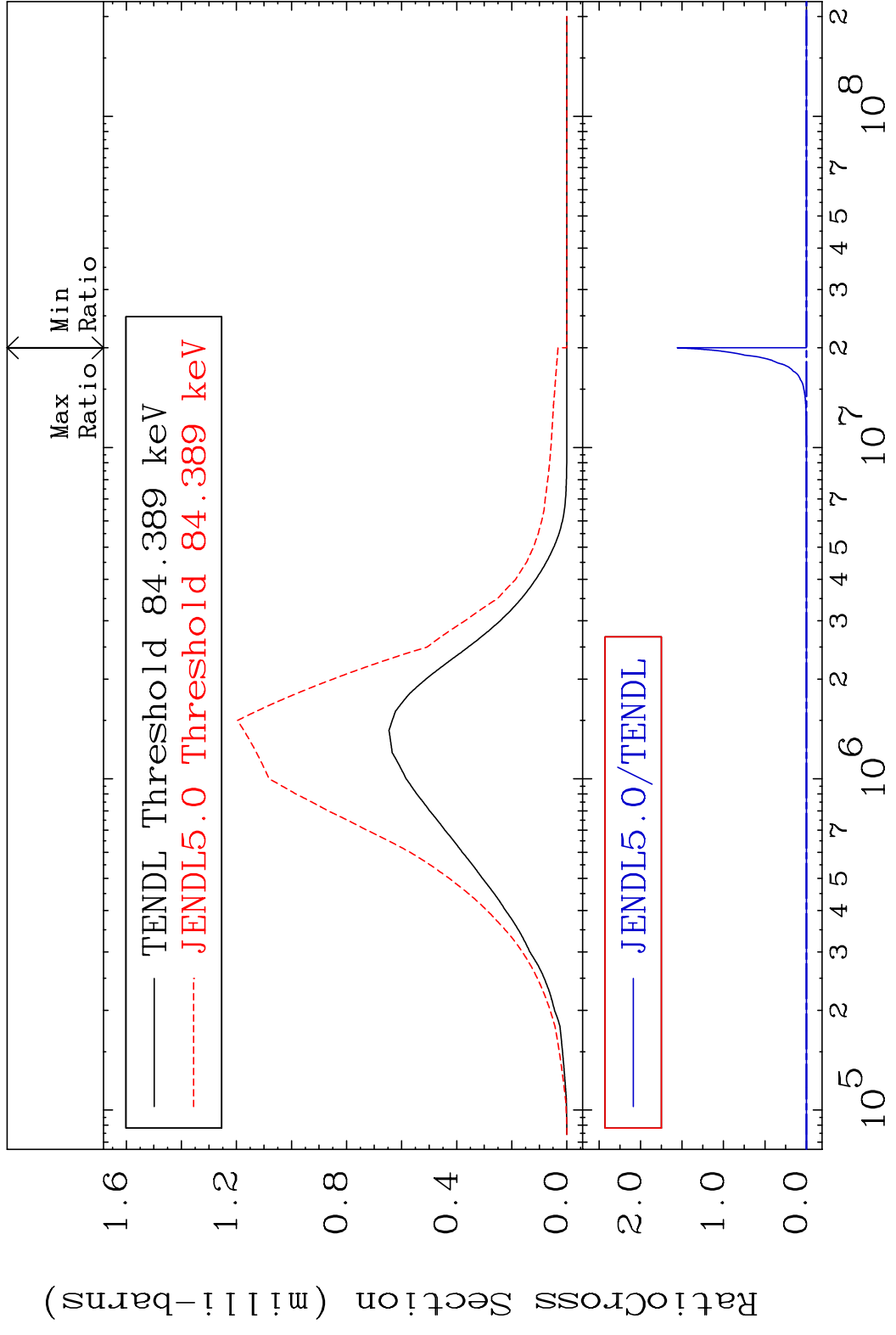


MAT 4729 MT= 53 (n,n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %

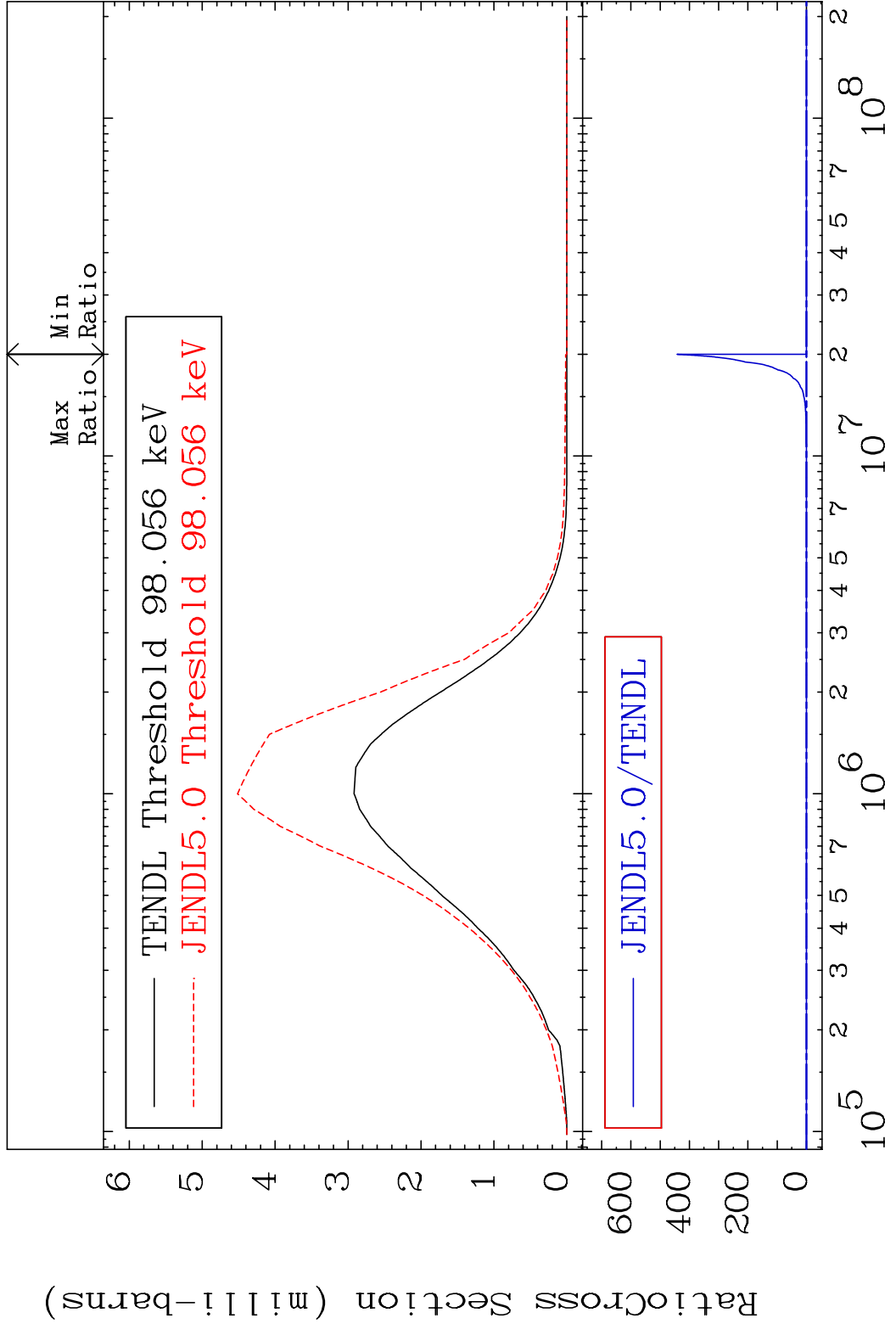


15 Incident Energy (eV) 47-Ag-108m

MAT 4729 MT= 54 (n,n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %

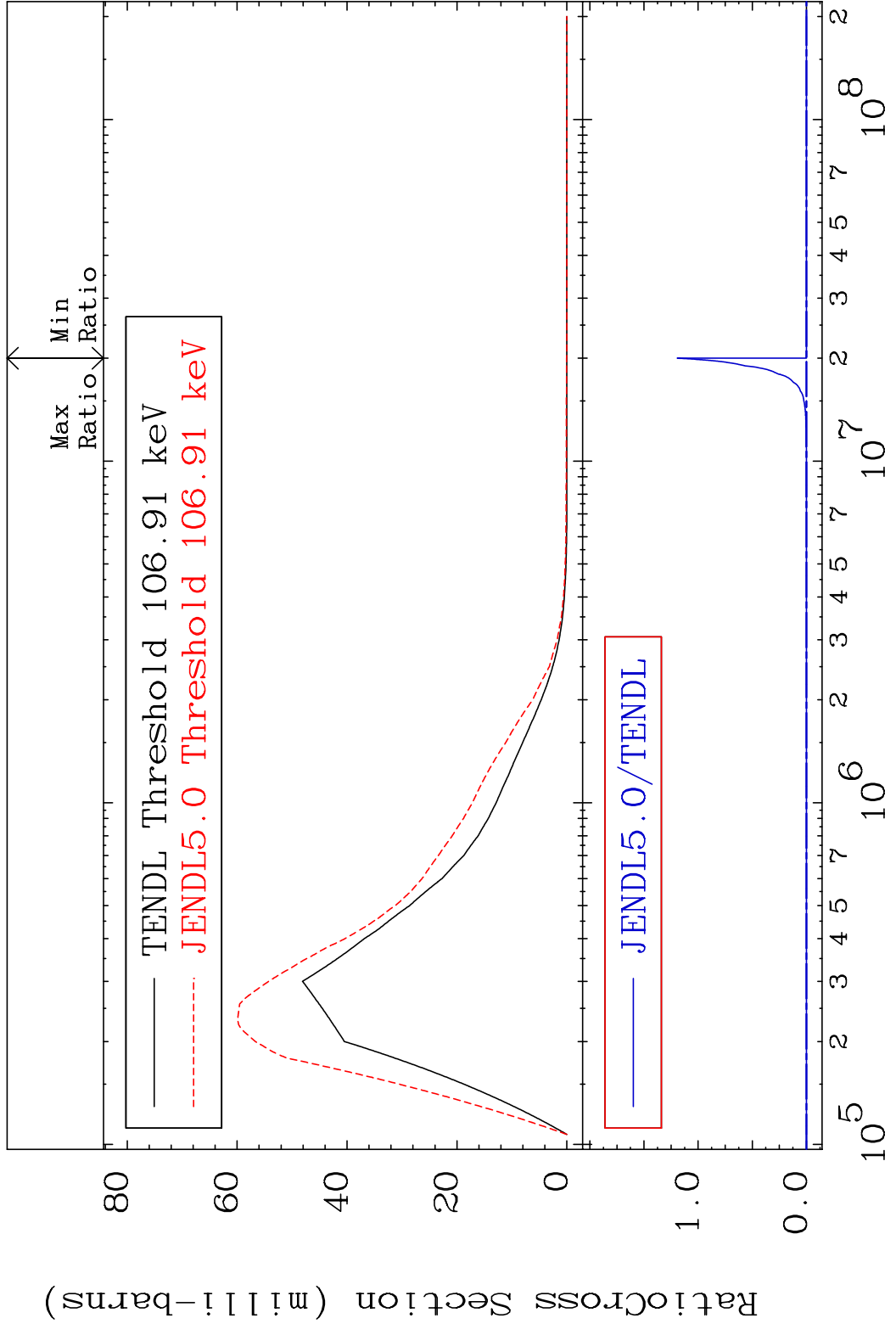


MAT 4729 MT= 55 (n,n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %

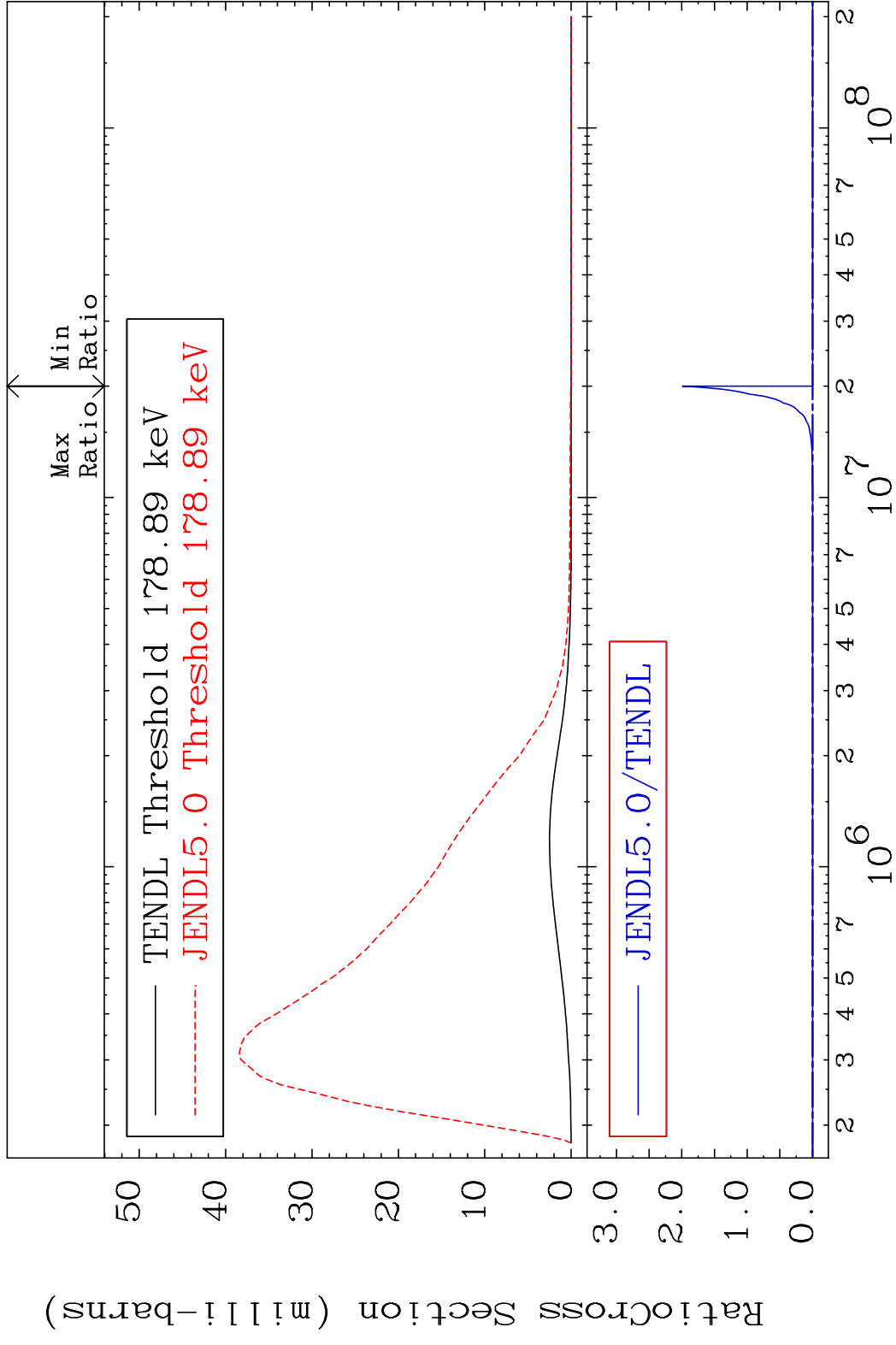


17 Incident Energy (eV) 47-Ag-108m

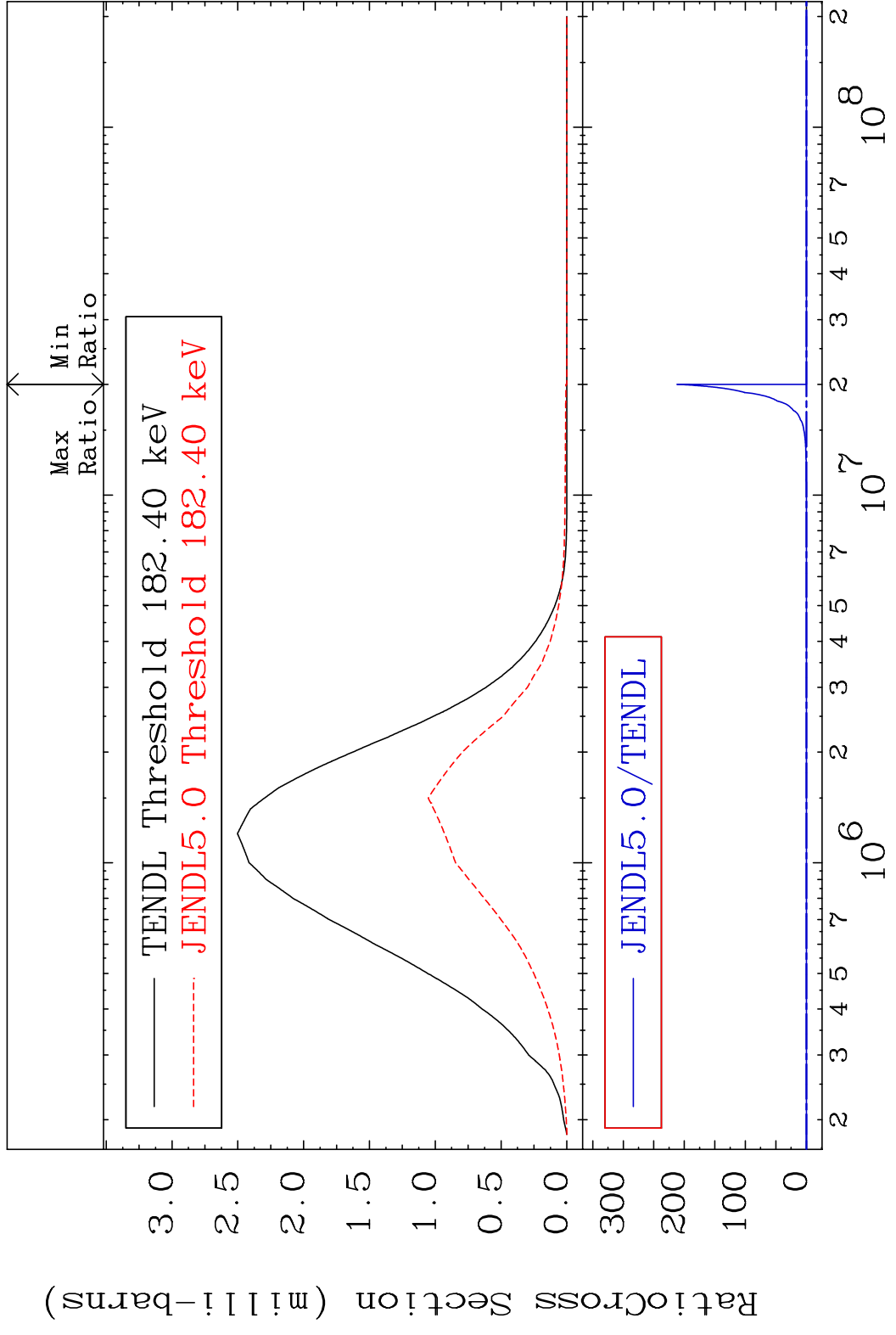
MAT 4729 MT= 56 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



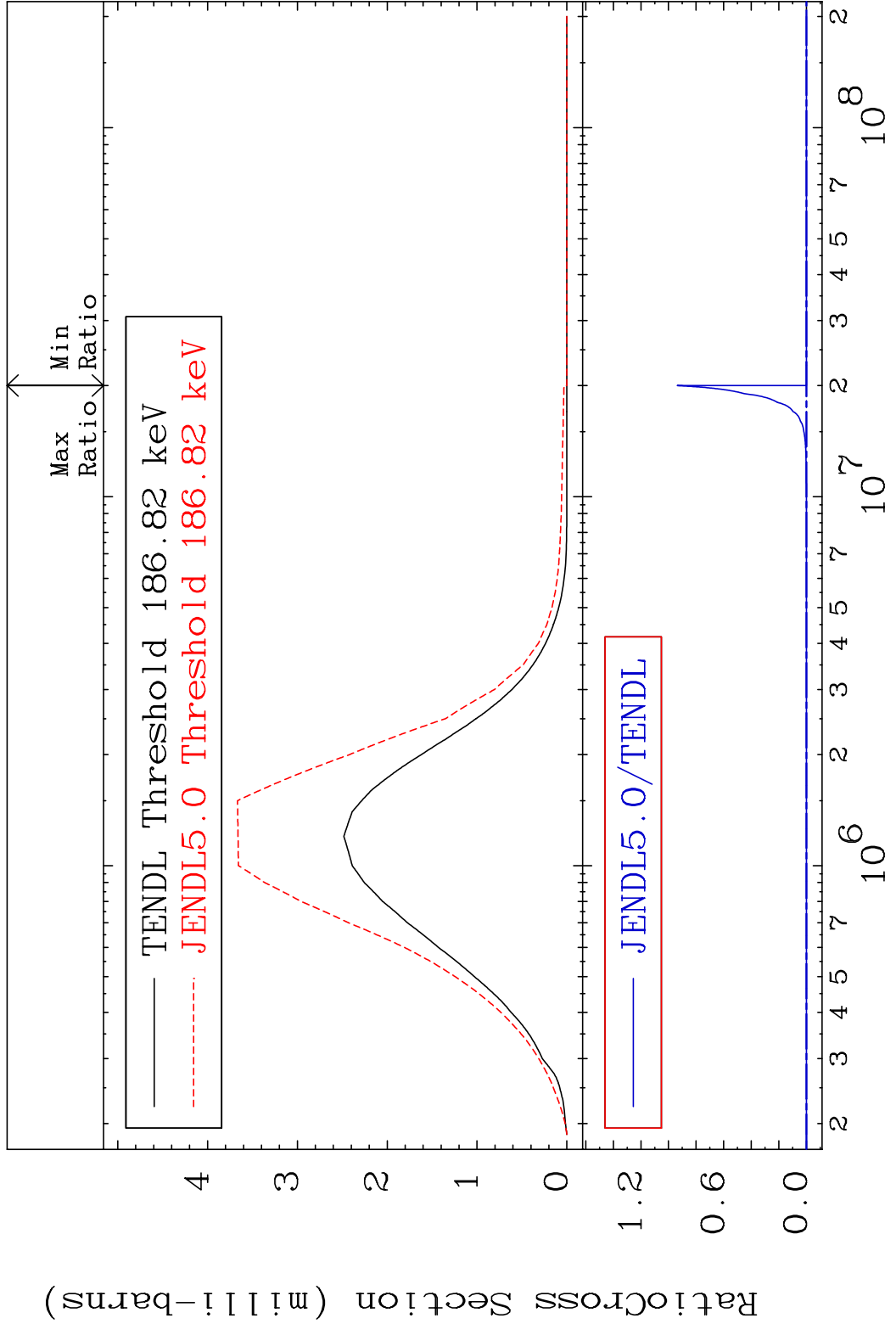
MAT 4729 MT= 57 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



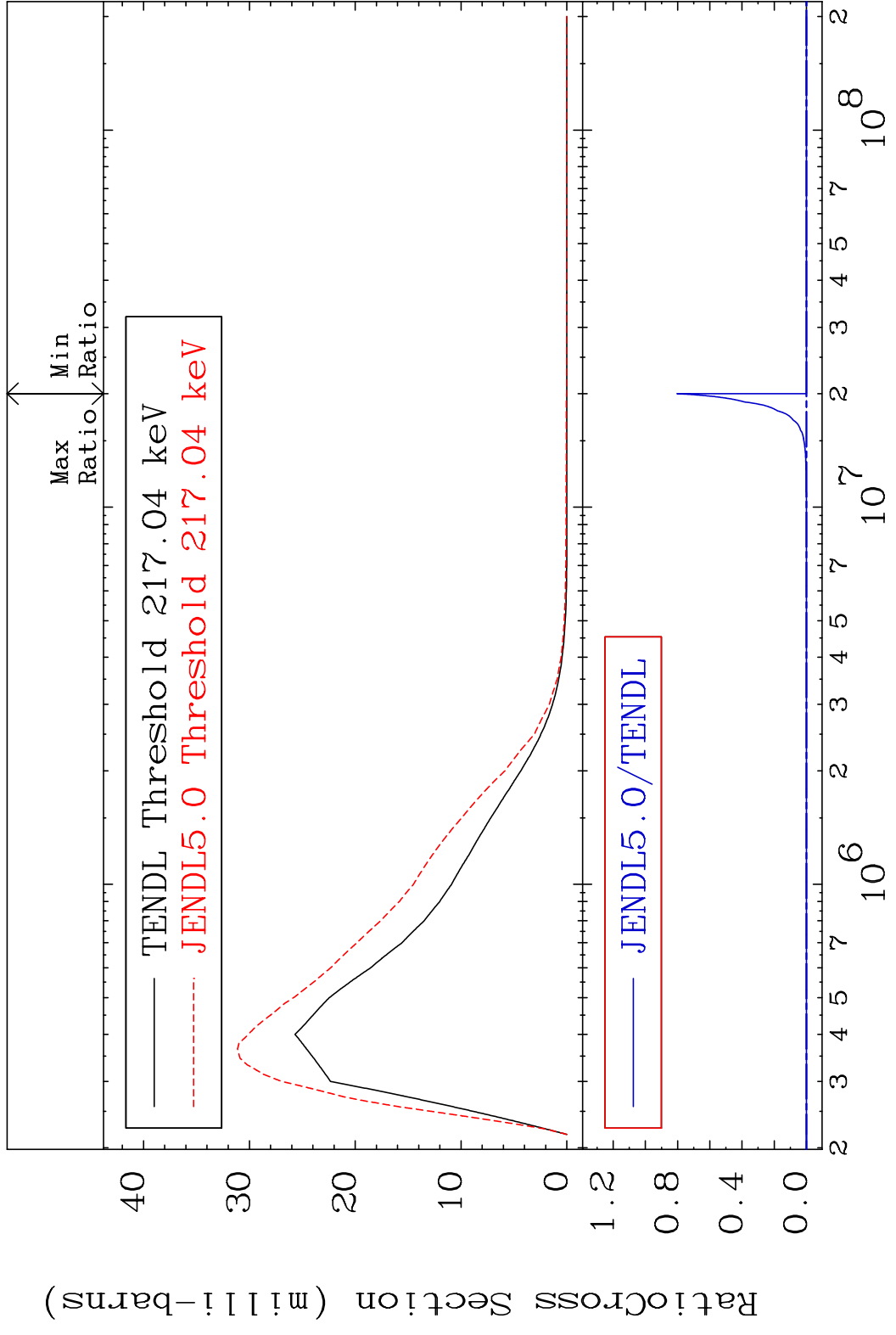
MAT 4729 MT= 58 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



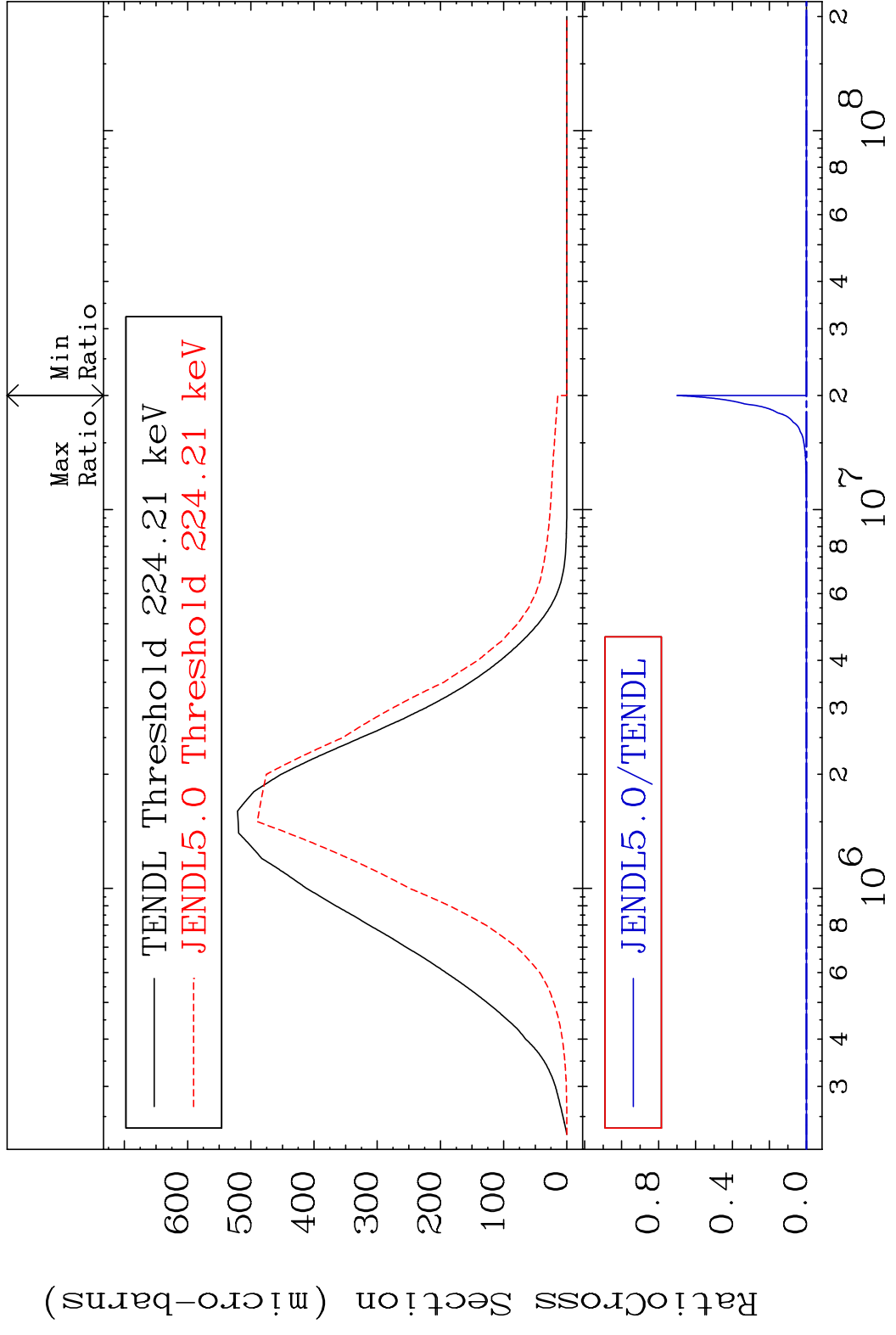
MAT 4729 MT= 59 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



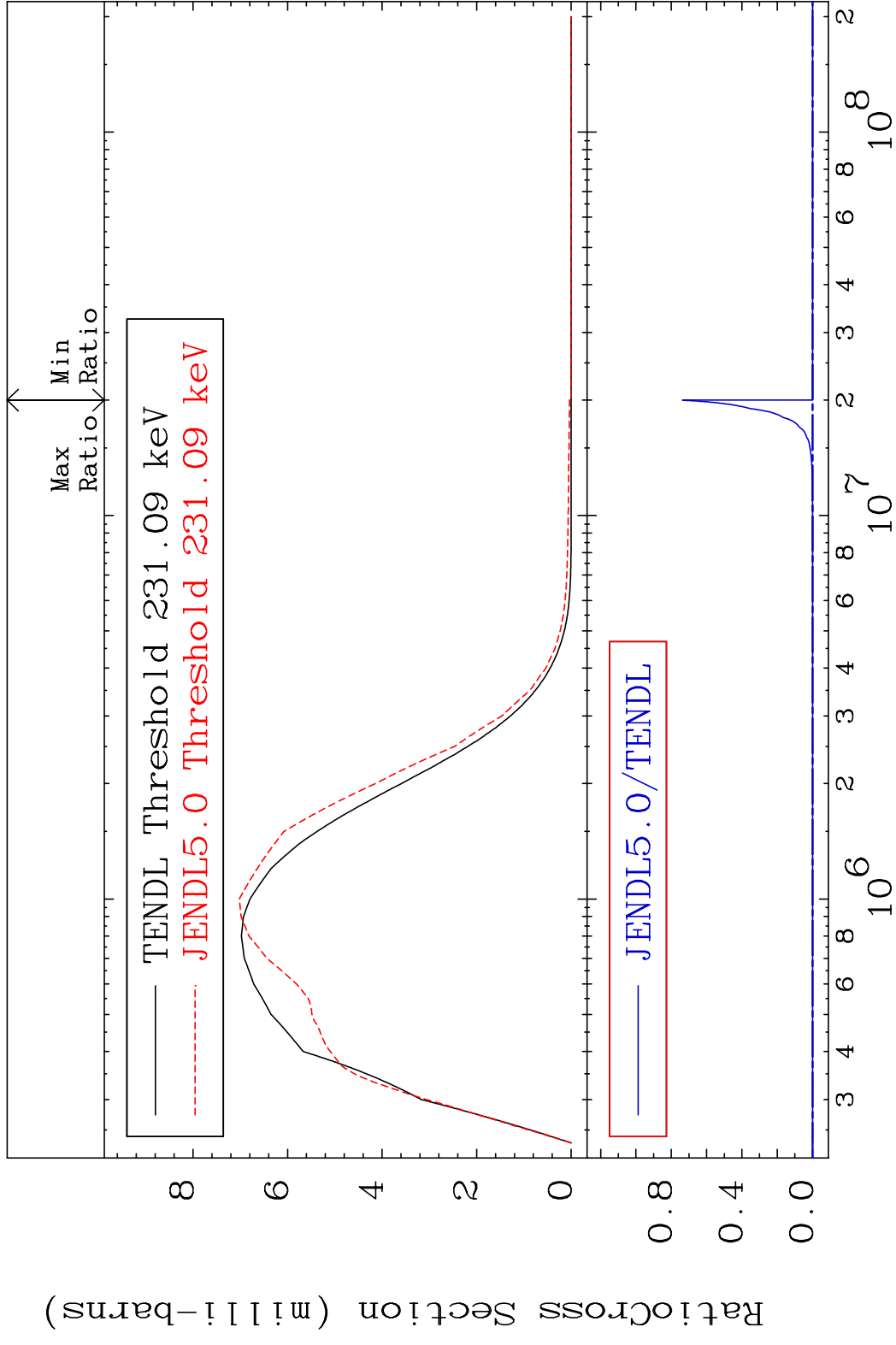
MAT 4729 MT= 60 (n,n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



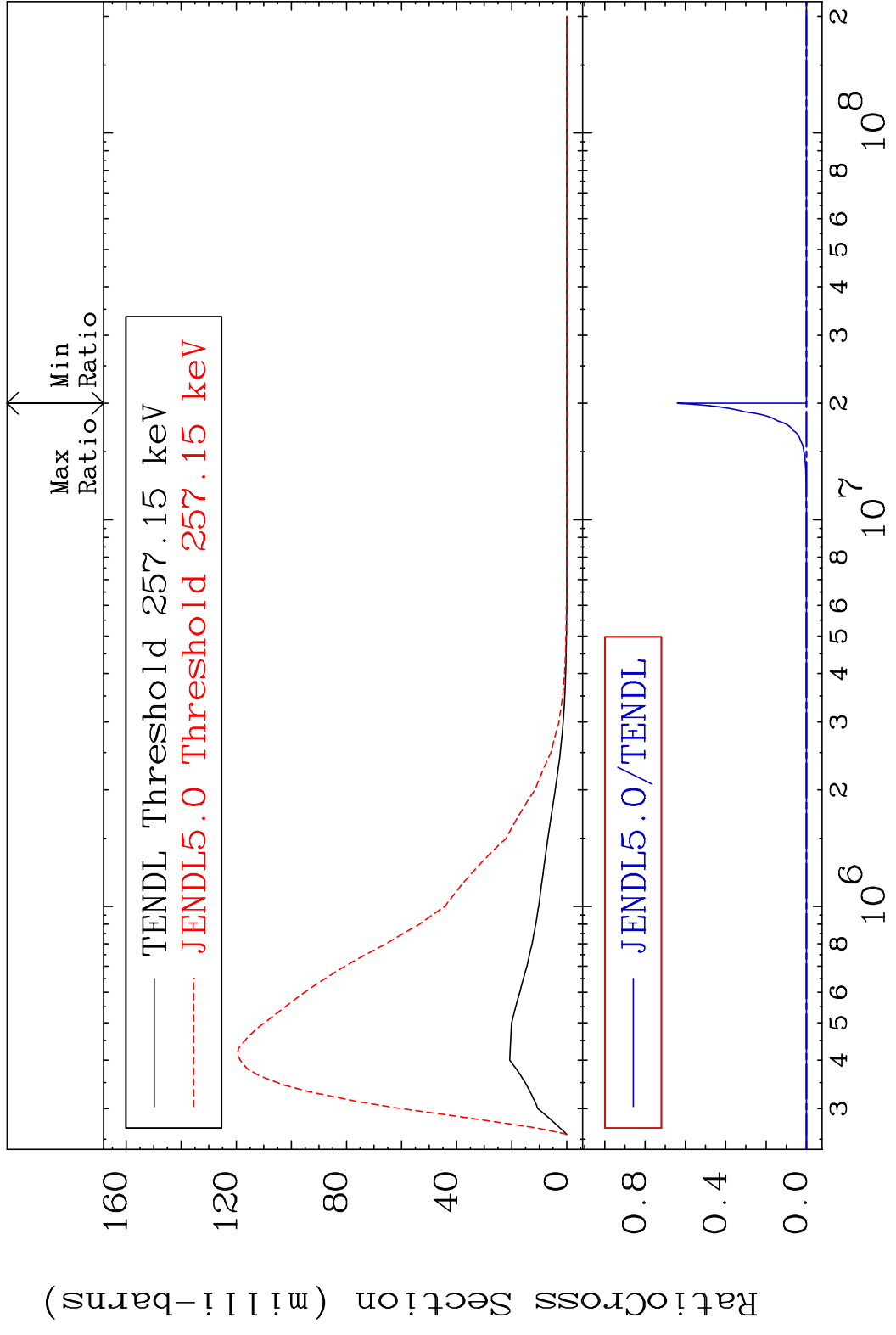
MAT 4729 MT= 61 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



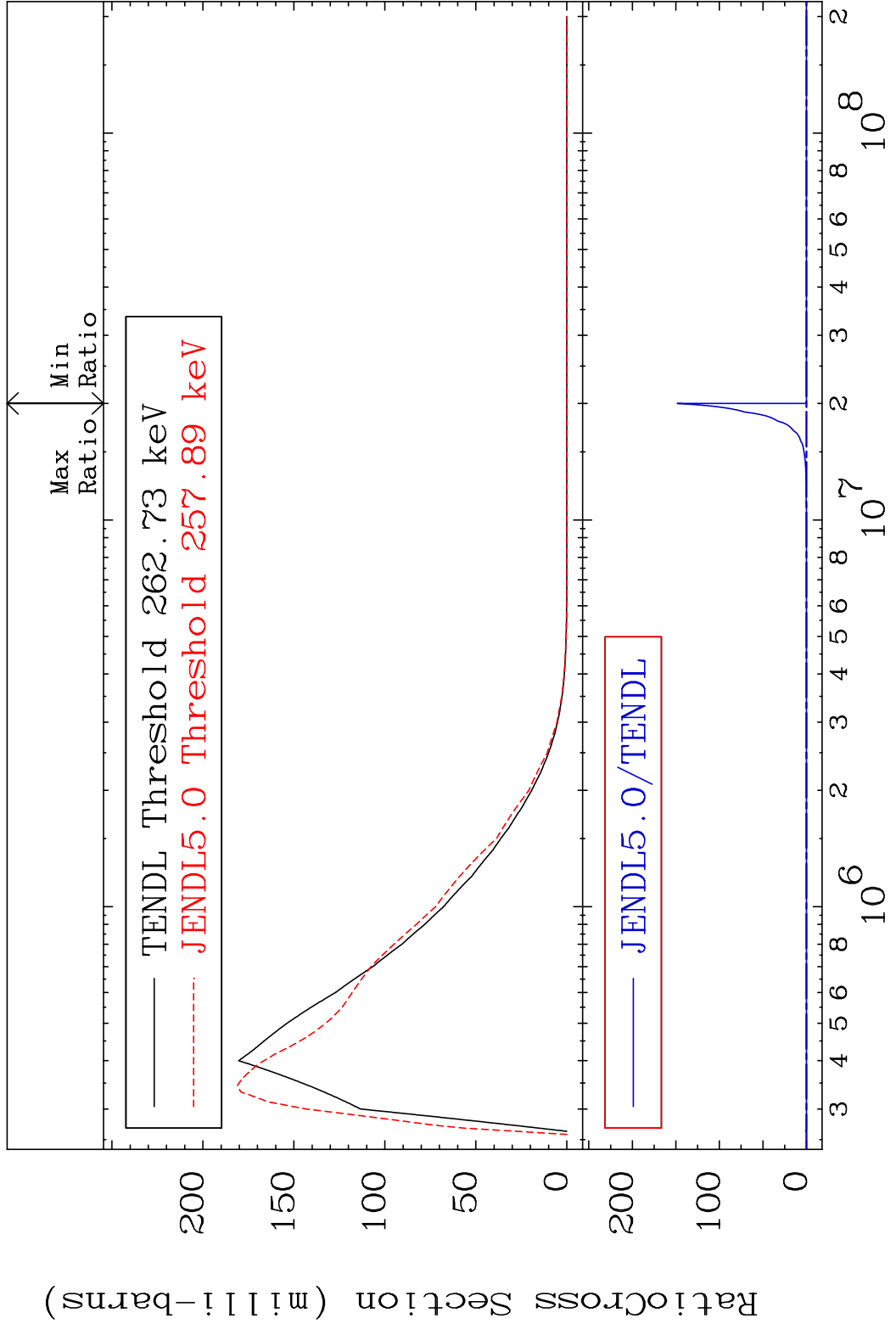
MAT 4729 MT= 62 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



MAT 4729 MT= 63 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %

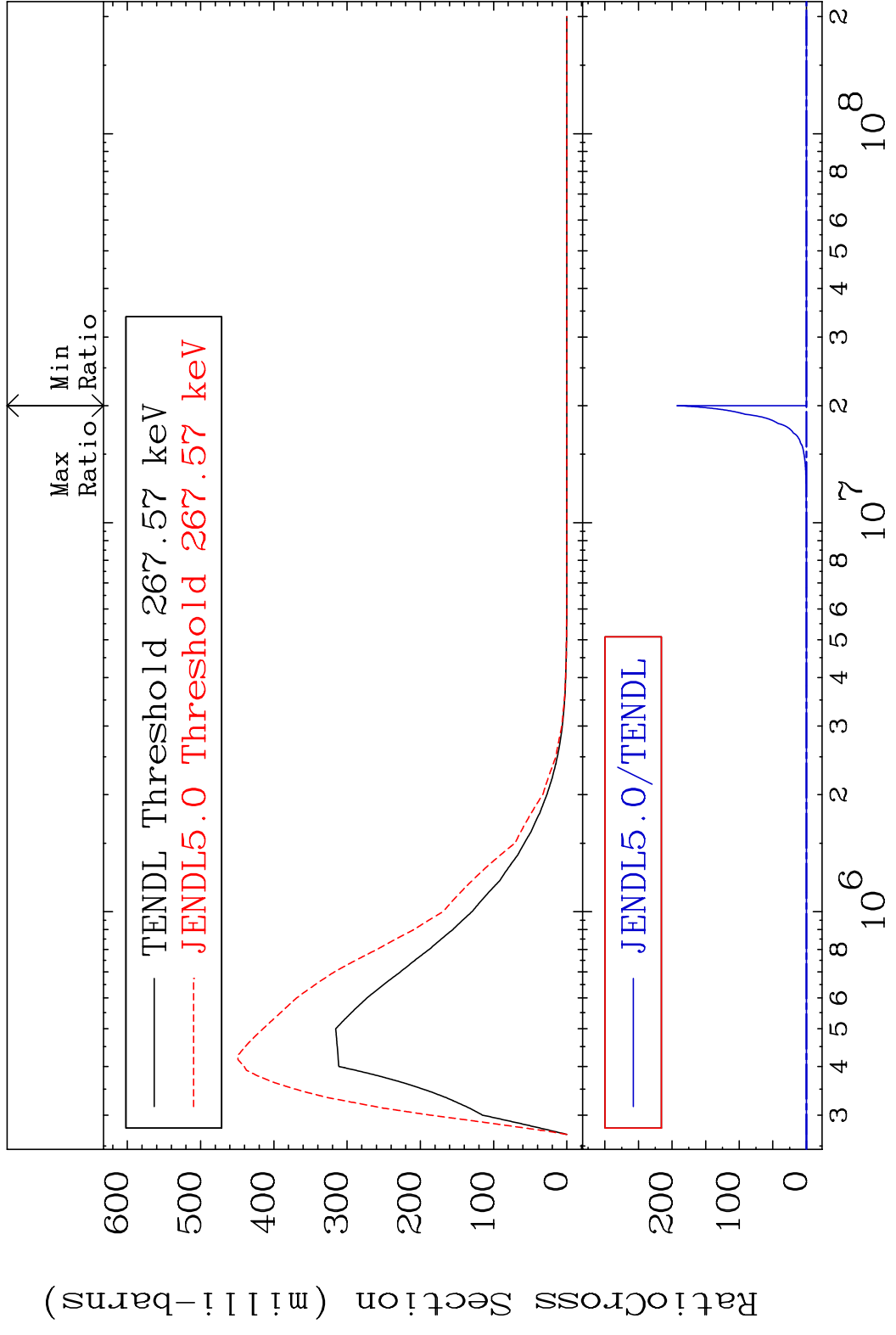


MAT 4729 MT= 64 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



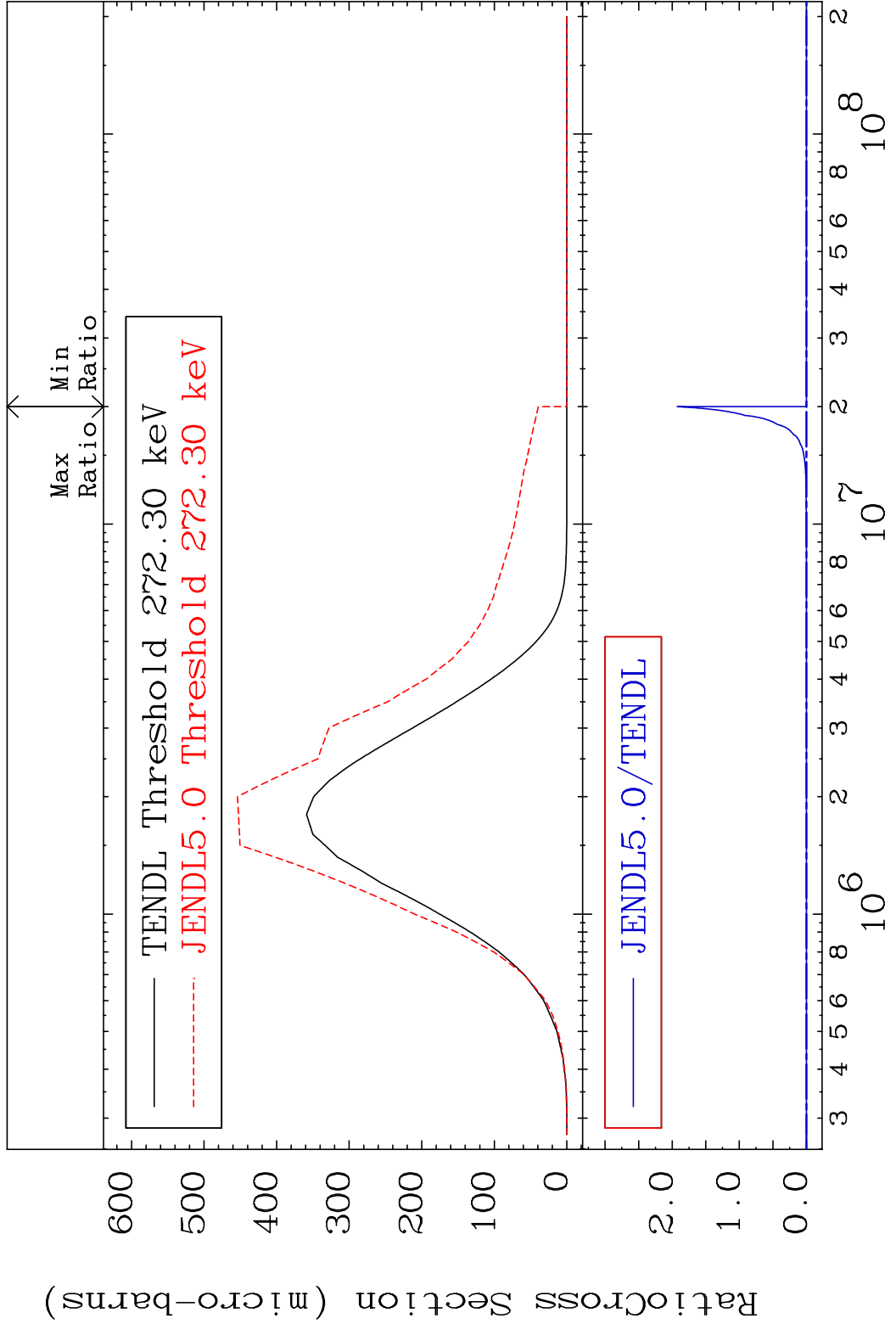
26 Incident Energy (eV) 47-Ag-108m

MAT 4729 MT= 65 (n,n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %

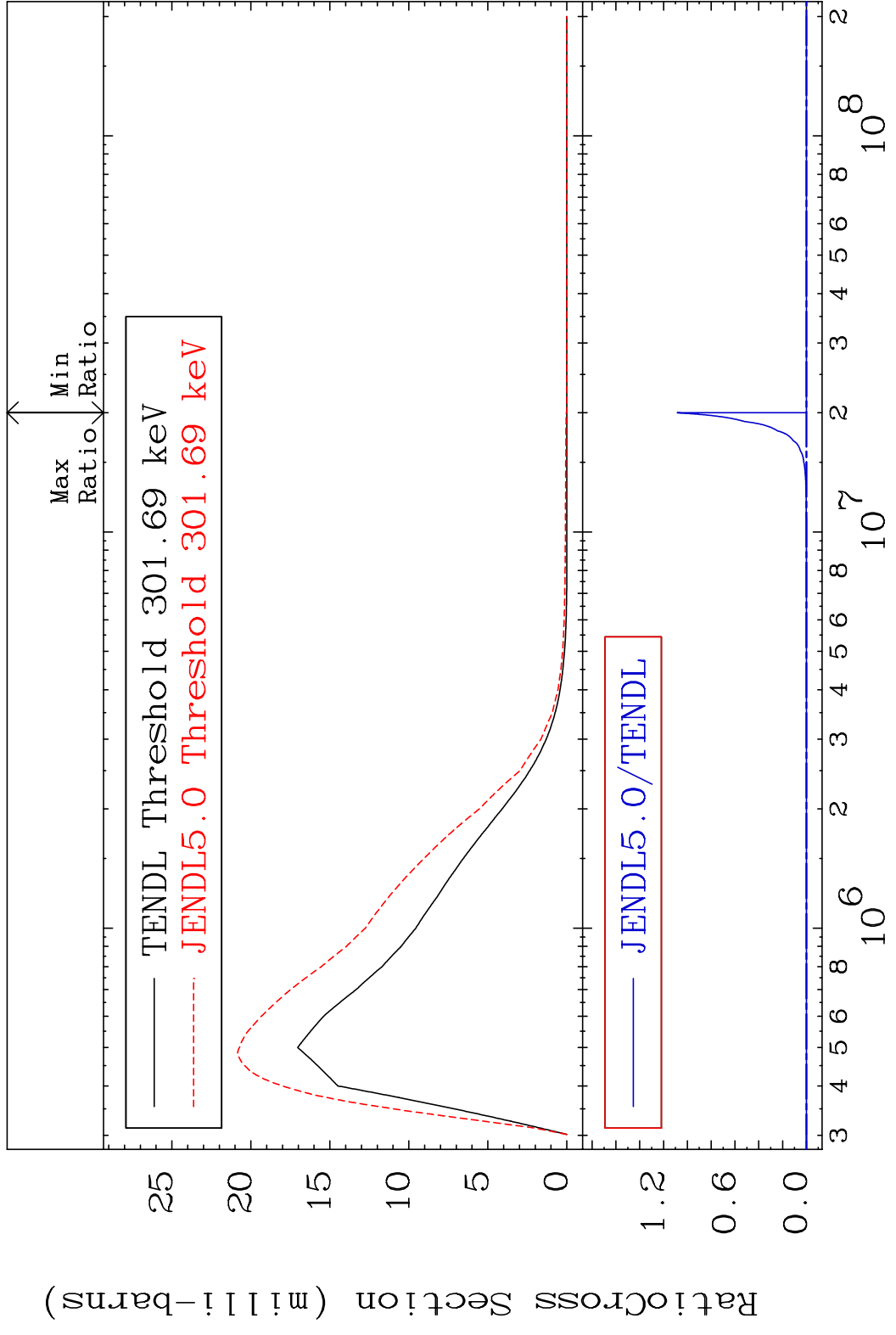


27 Incident Energy (eV) 47-Ag-108m

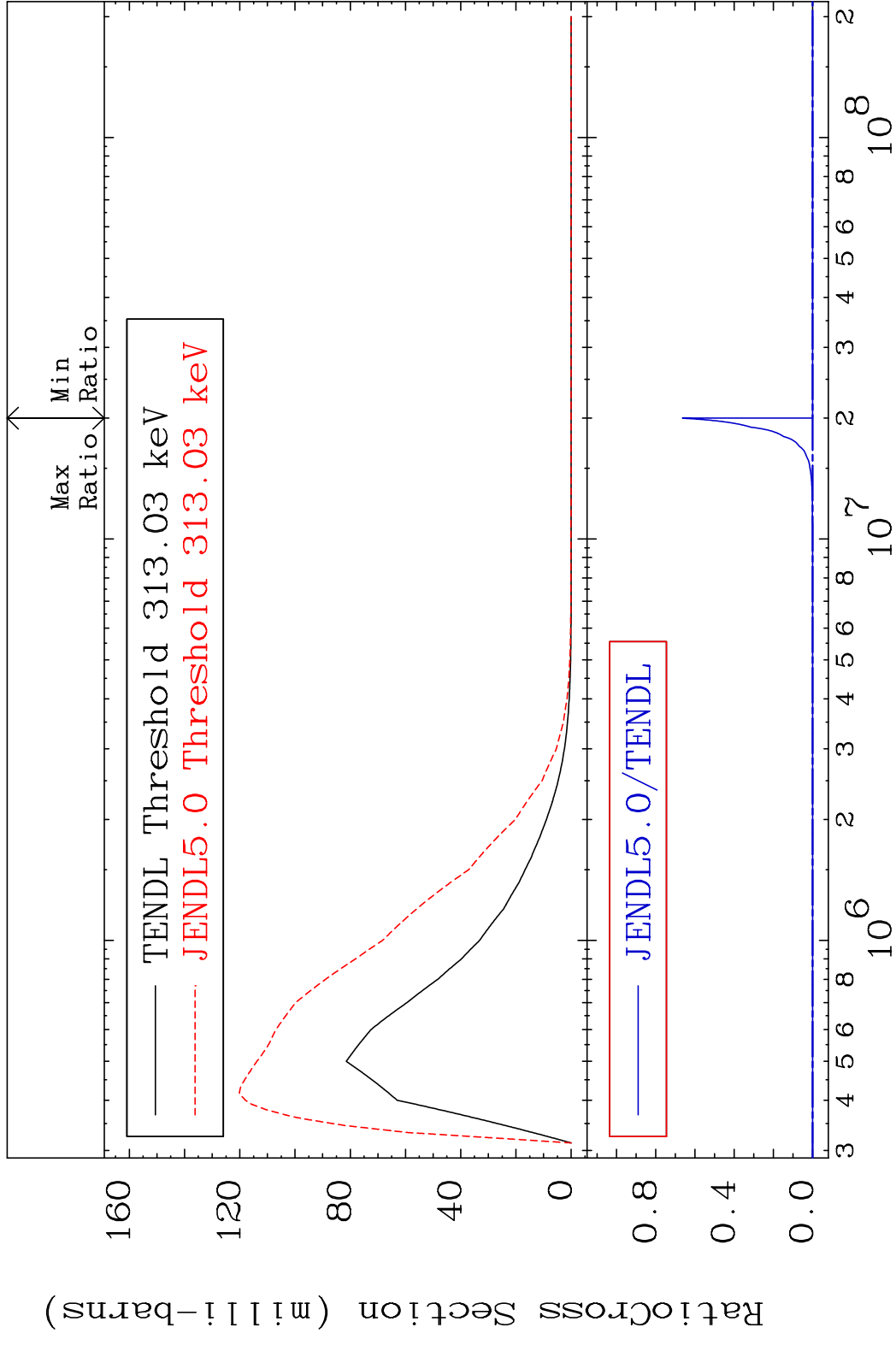
MAT 4729 MT= 66 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



MAT 4729 MT= 67 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %

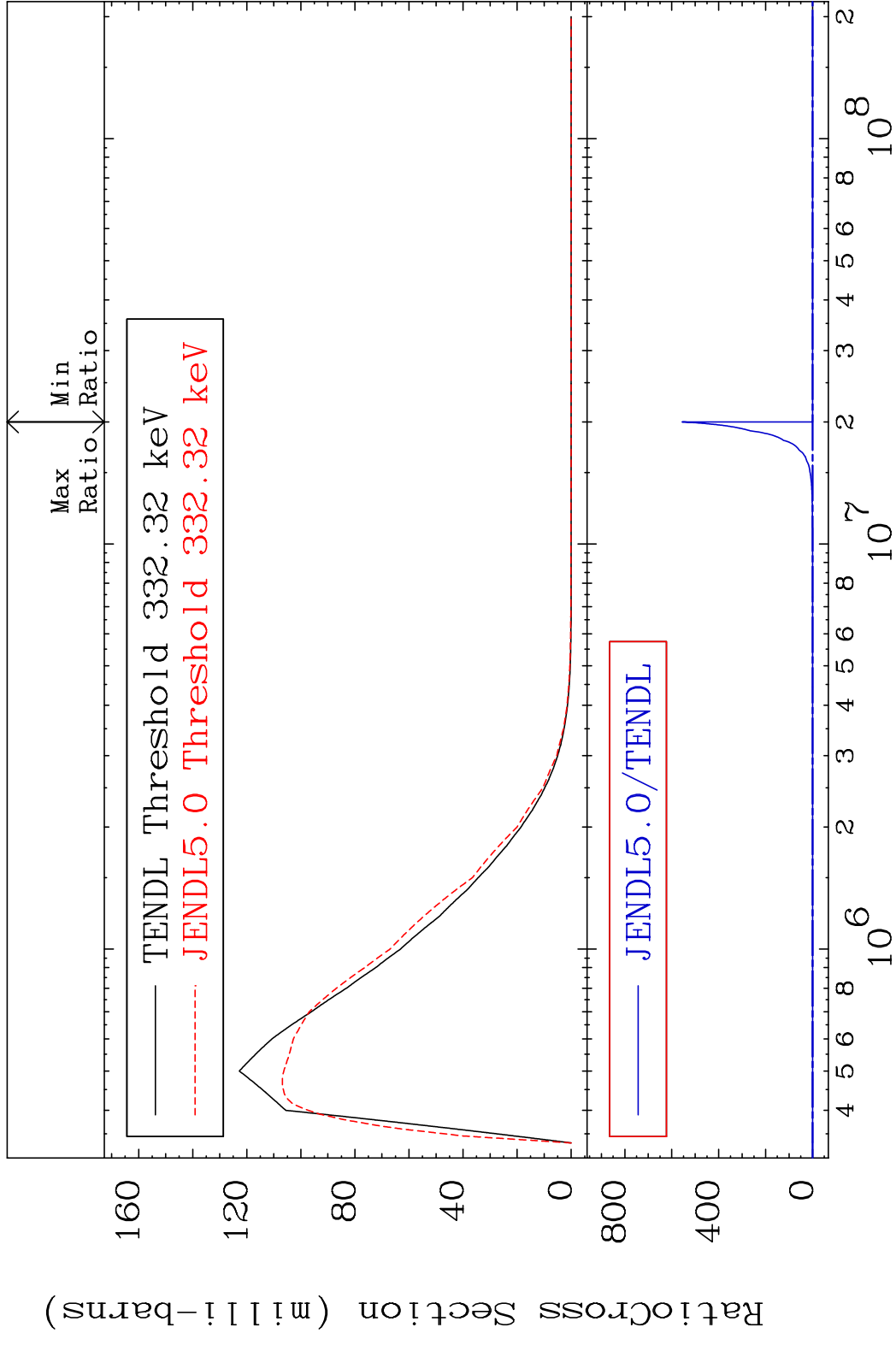


MAT 4729 MT= 68 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %

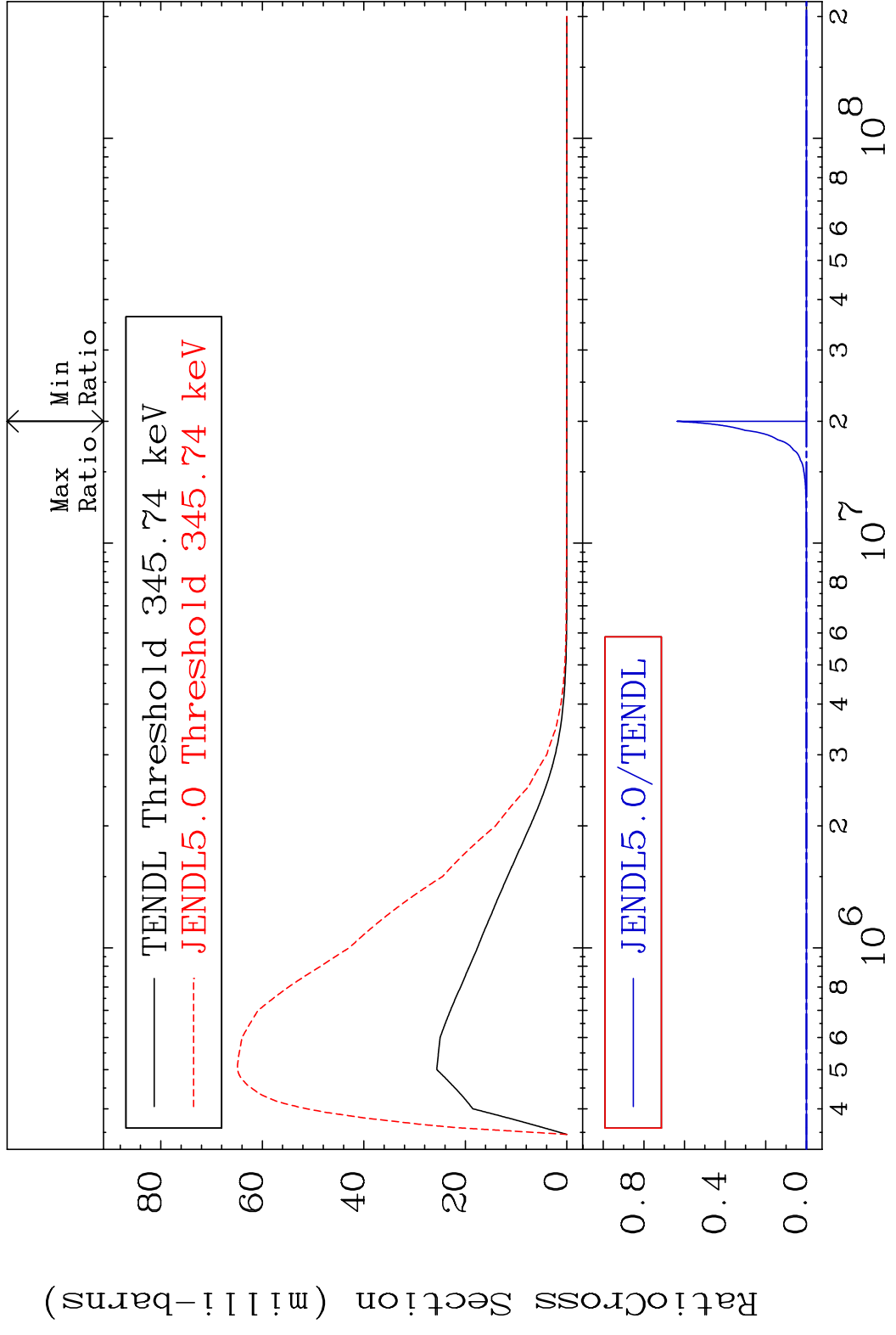


30 Incident Energy (eV) 47-Ag-108m

MAT 4729 MT= 69 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %

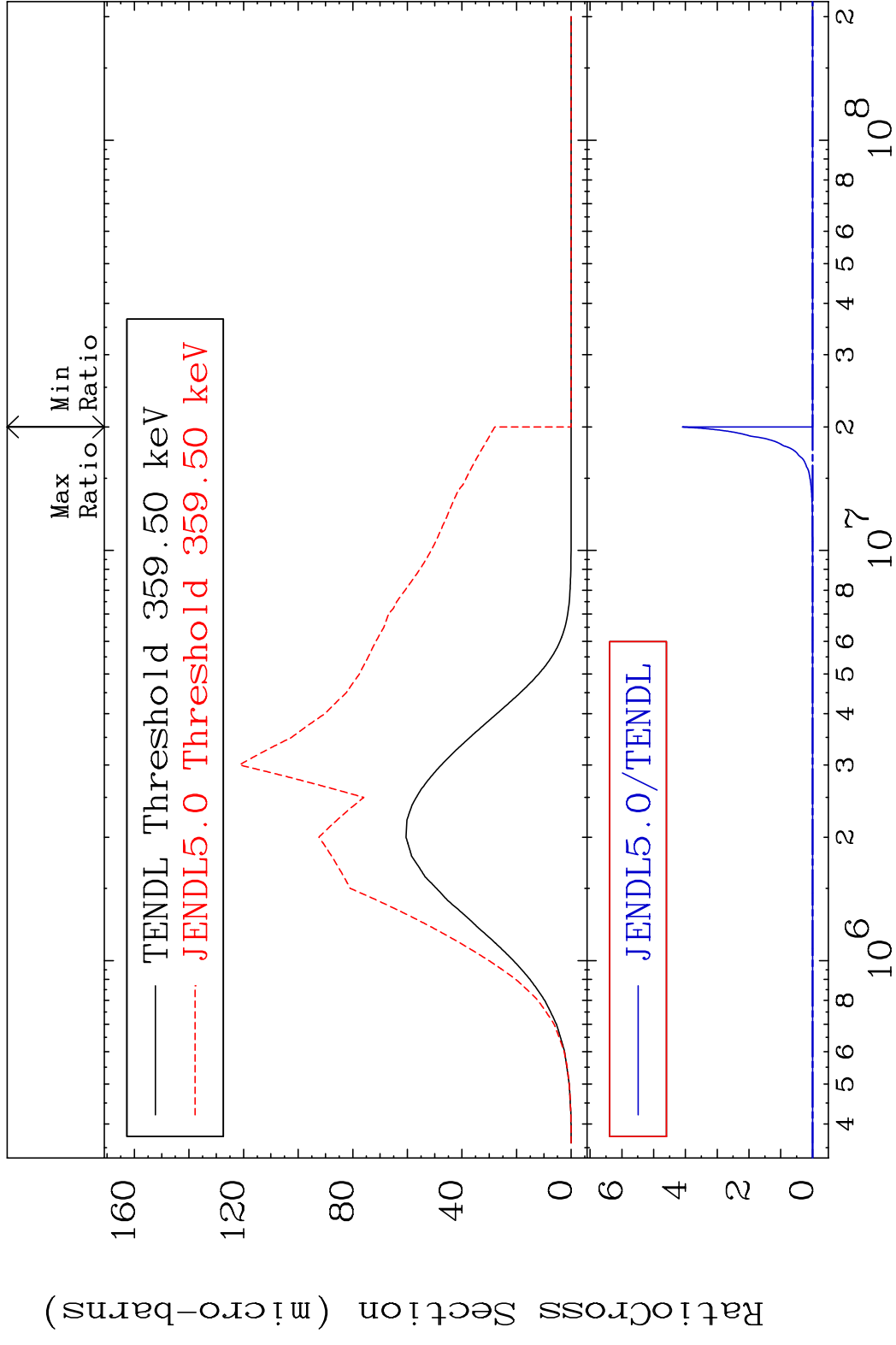


MAT 4729 MT= 70 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %

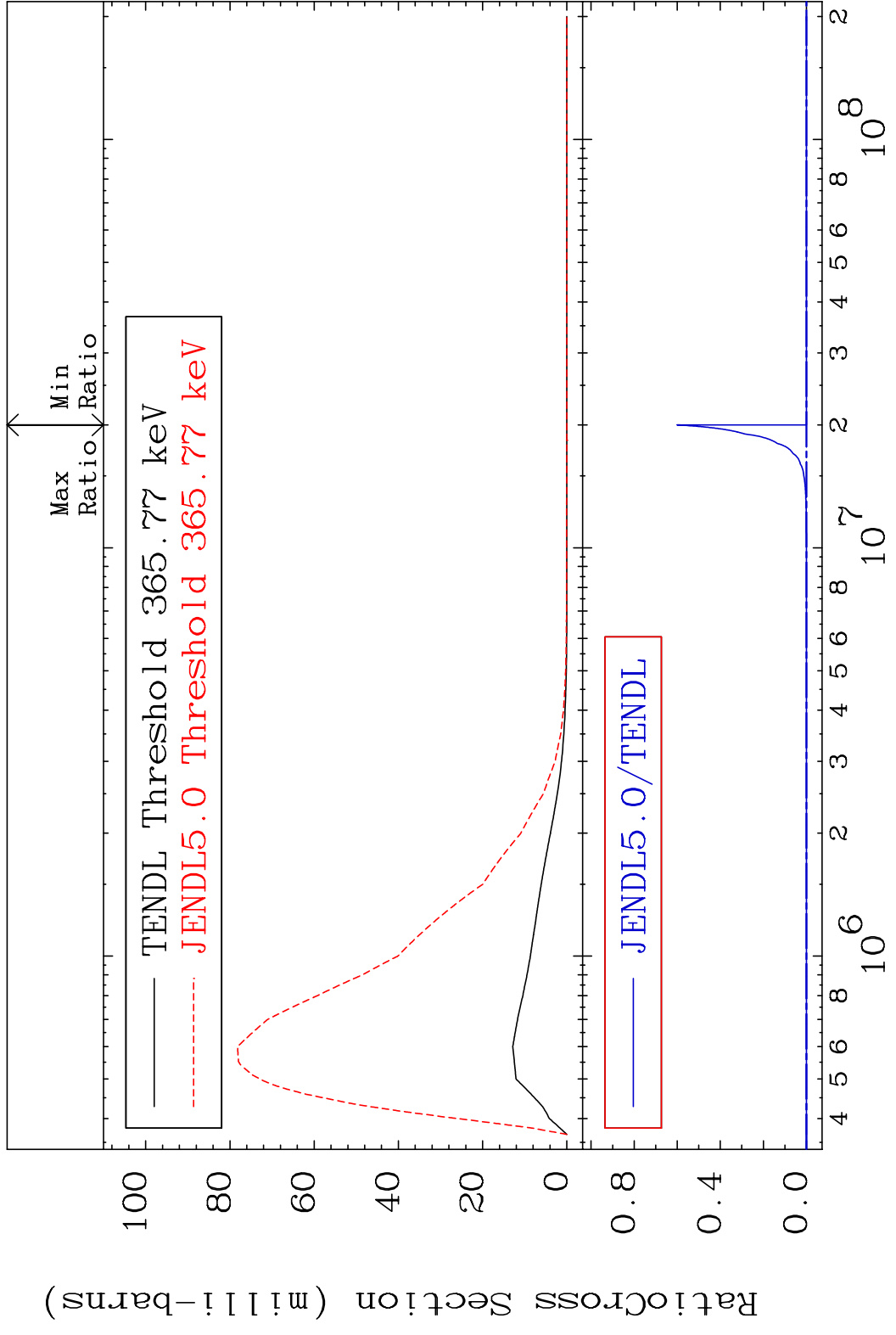


32 Incident Energy (eV) 47-Ag-108m

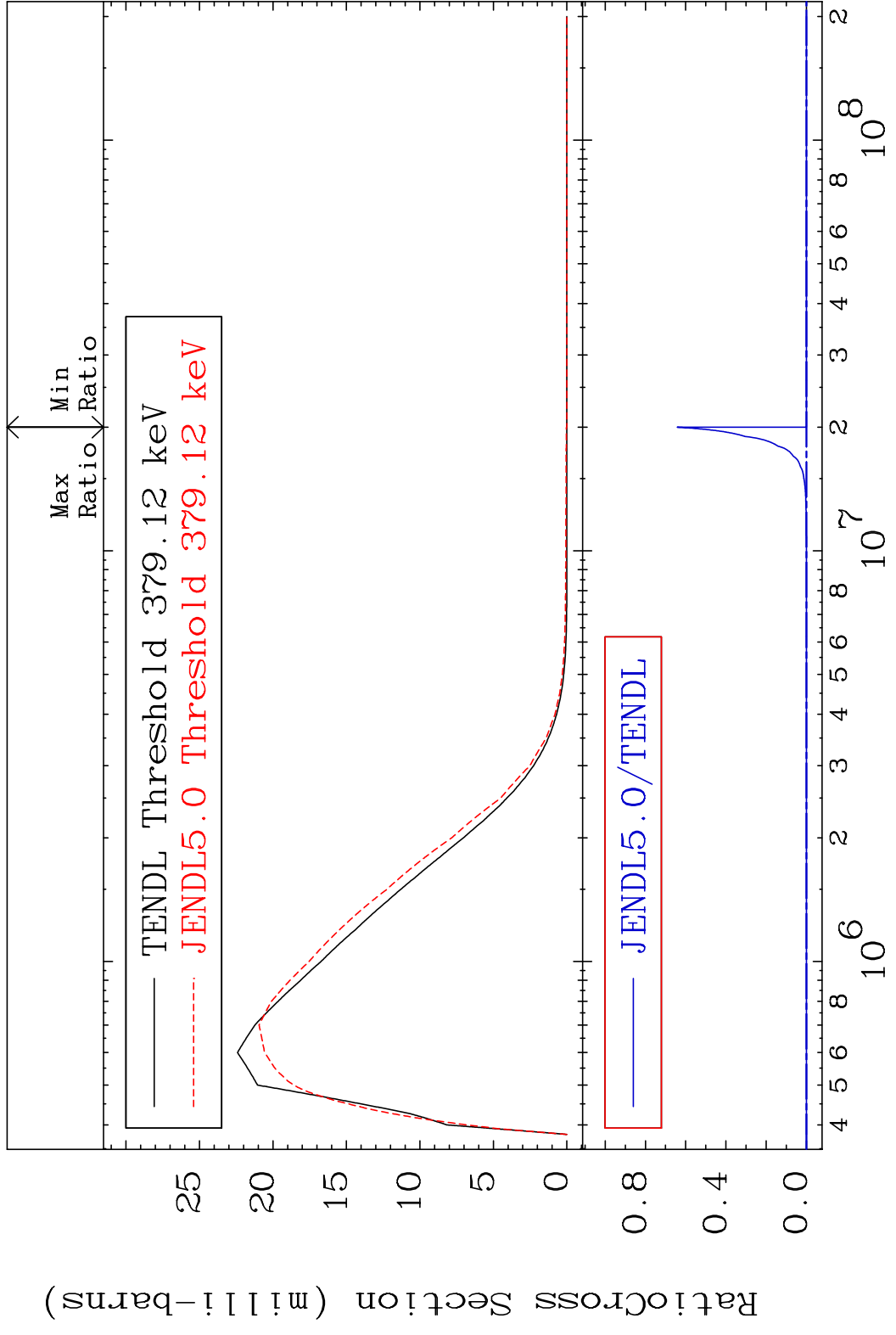
MAT 4729 MT= 71 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



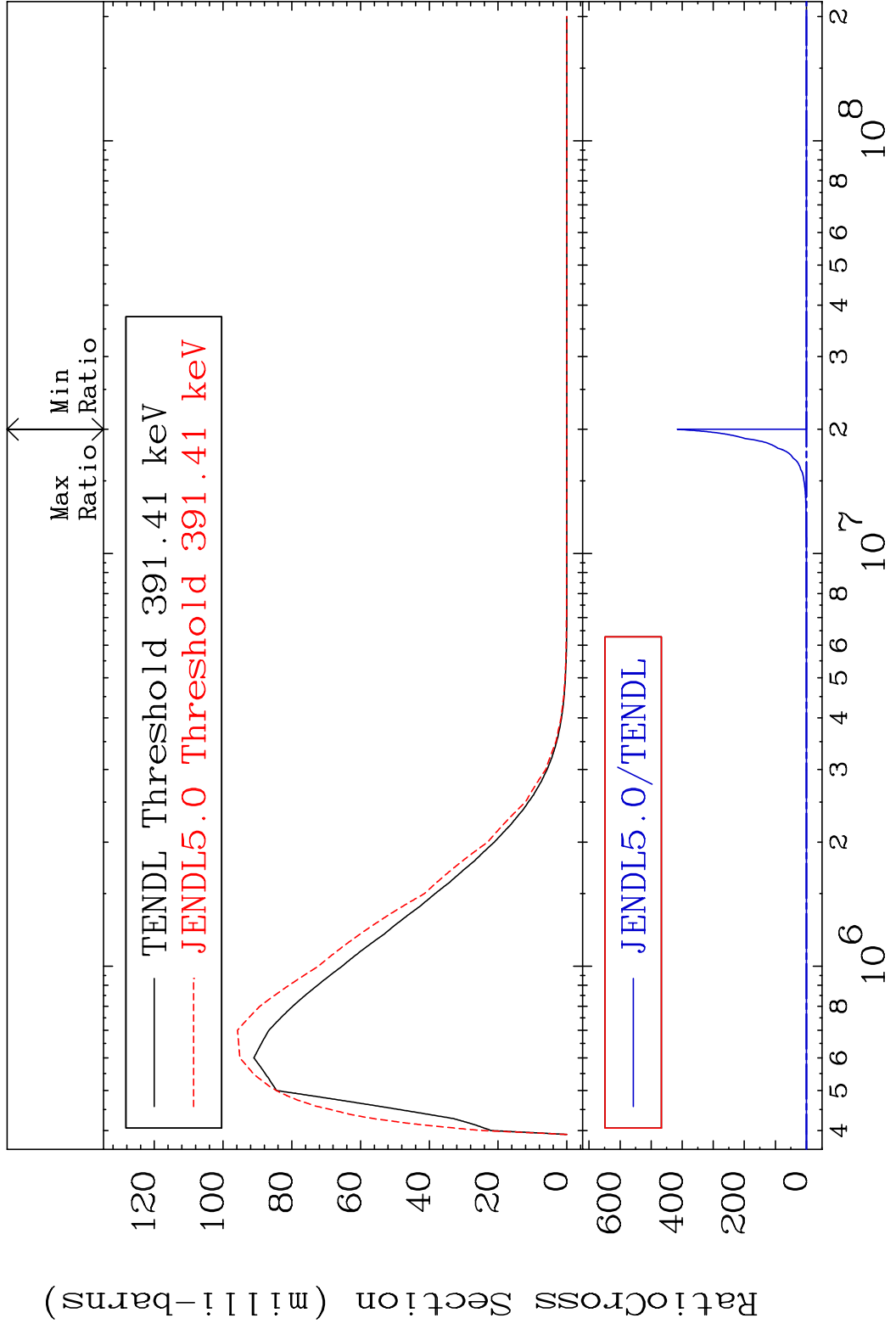
MAT 4729 MT= 72 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



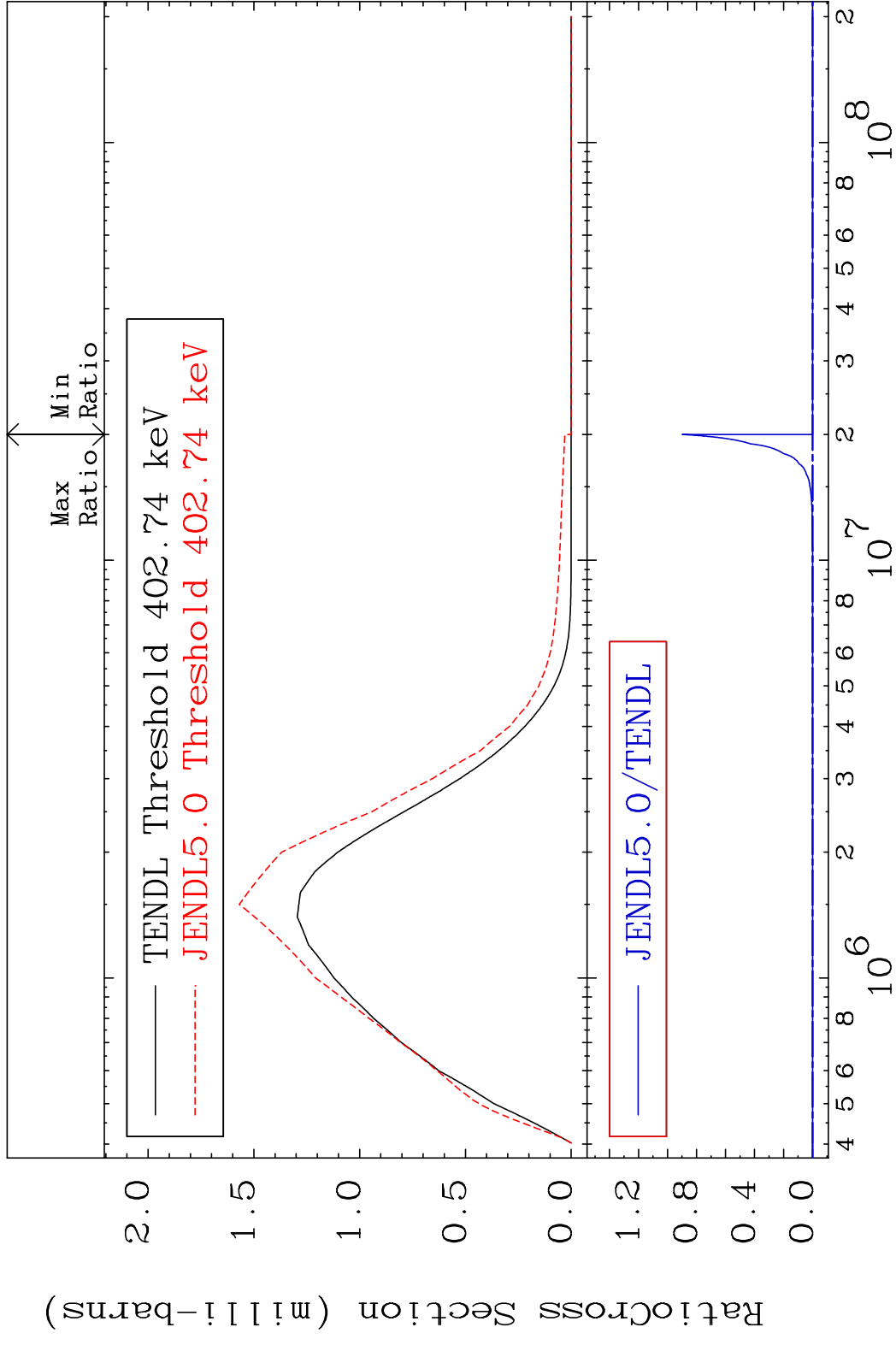
MAT 4729 MT= 73 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



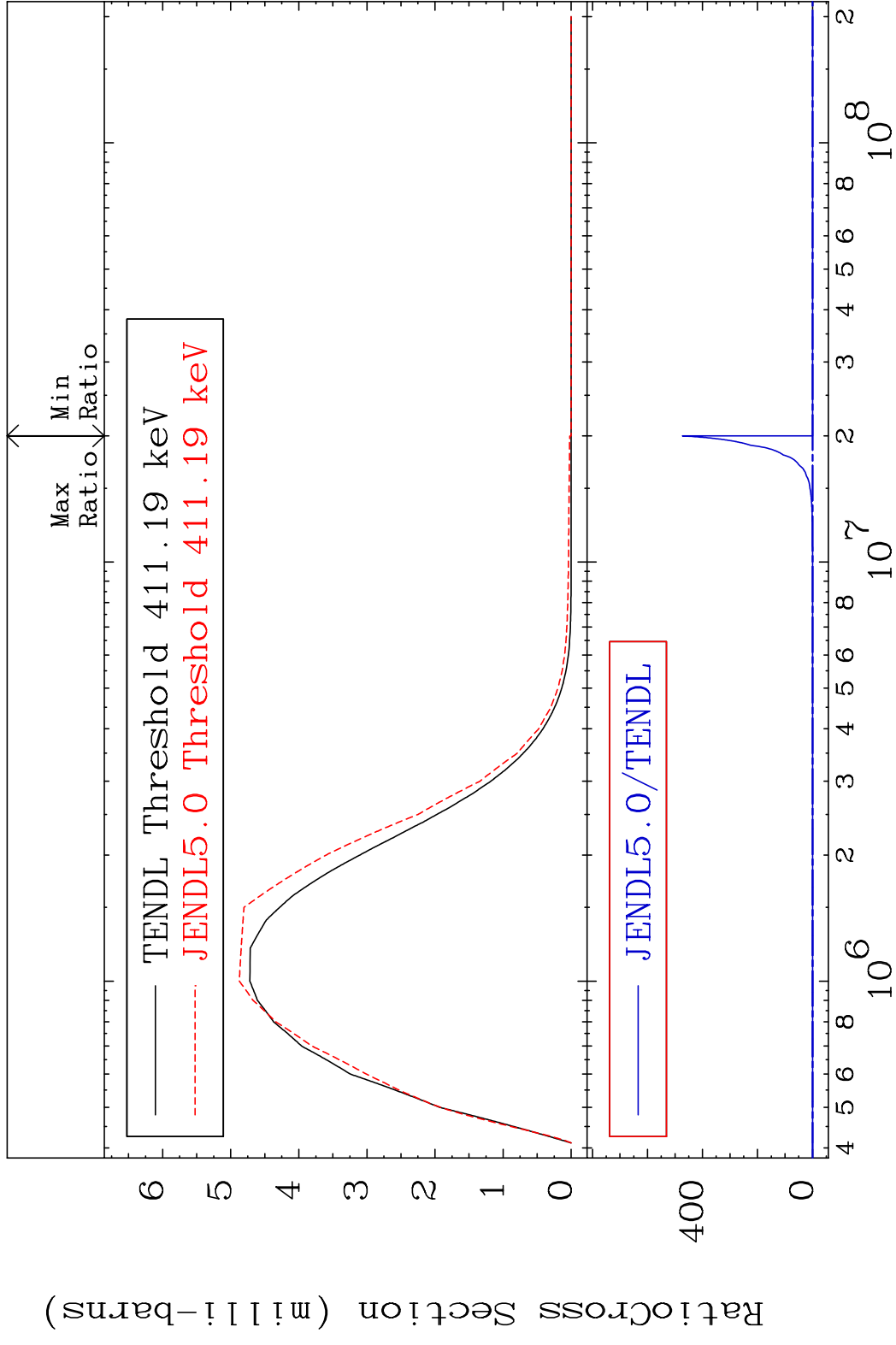
MAT 4729 MT= 74 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



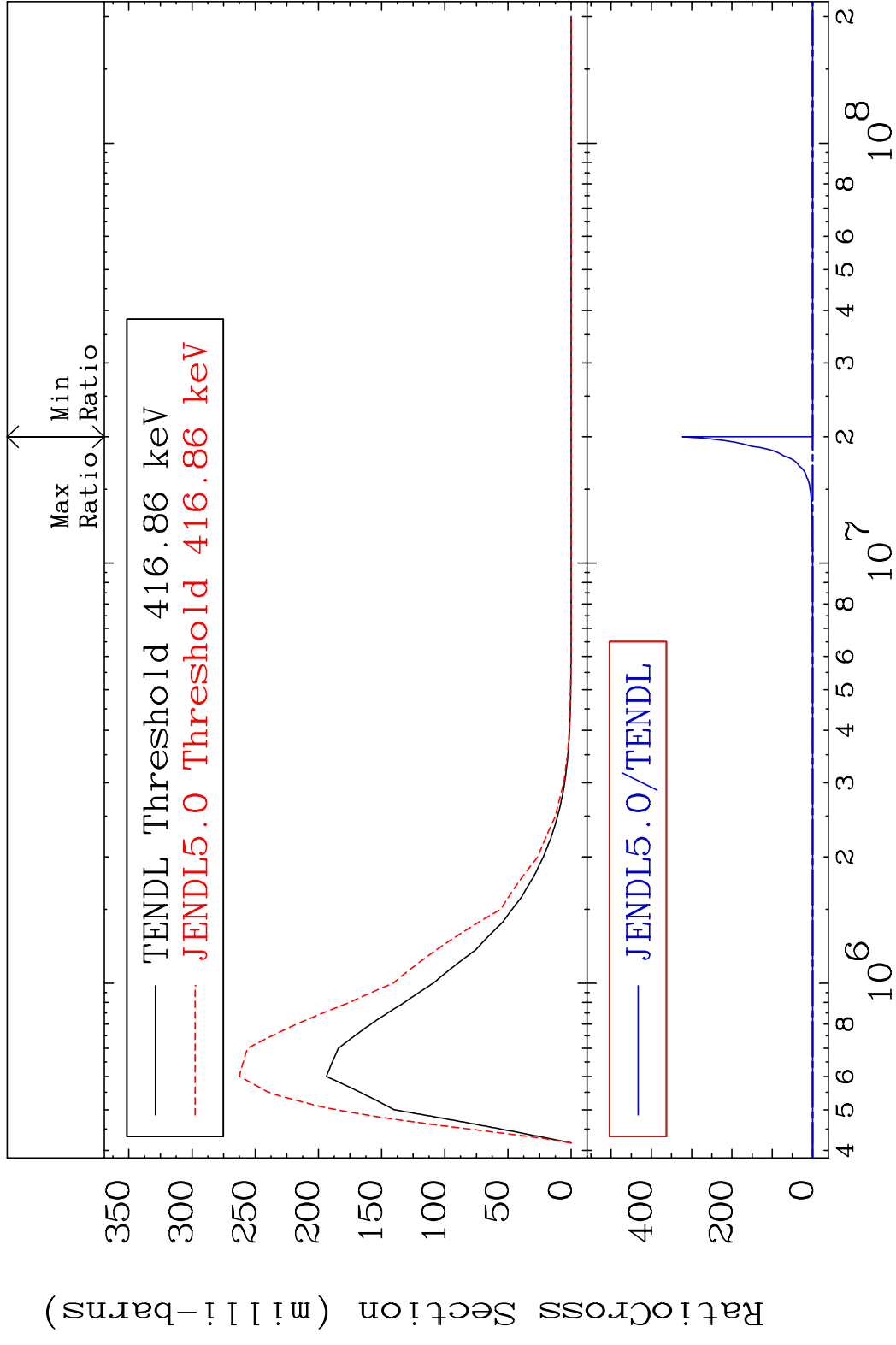
MAT 4729 MT= 75 (n,n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



MAT 4729 MT= 76 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %

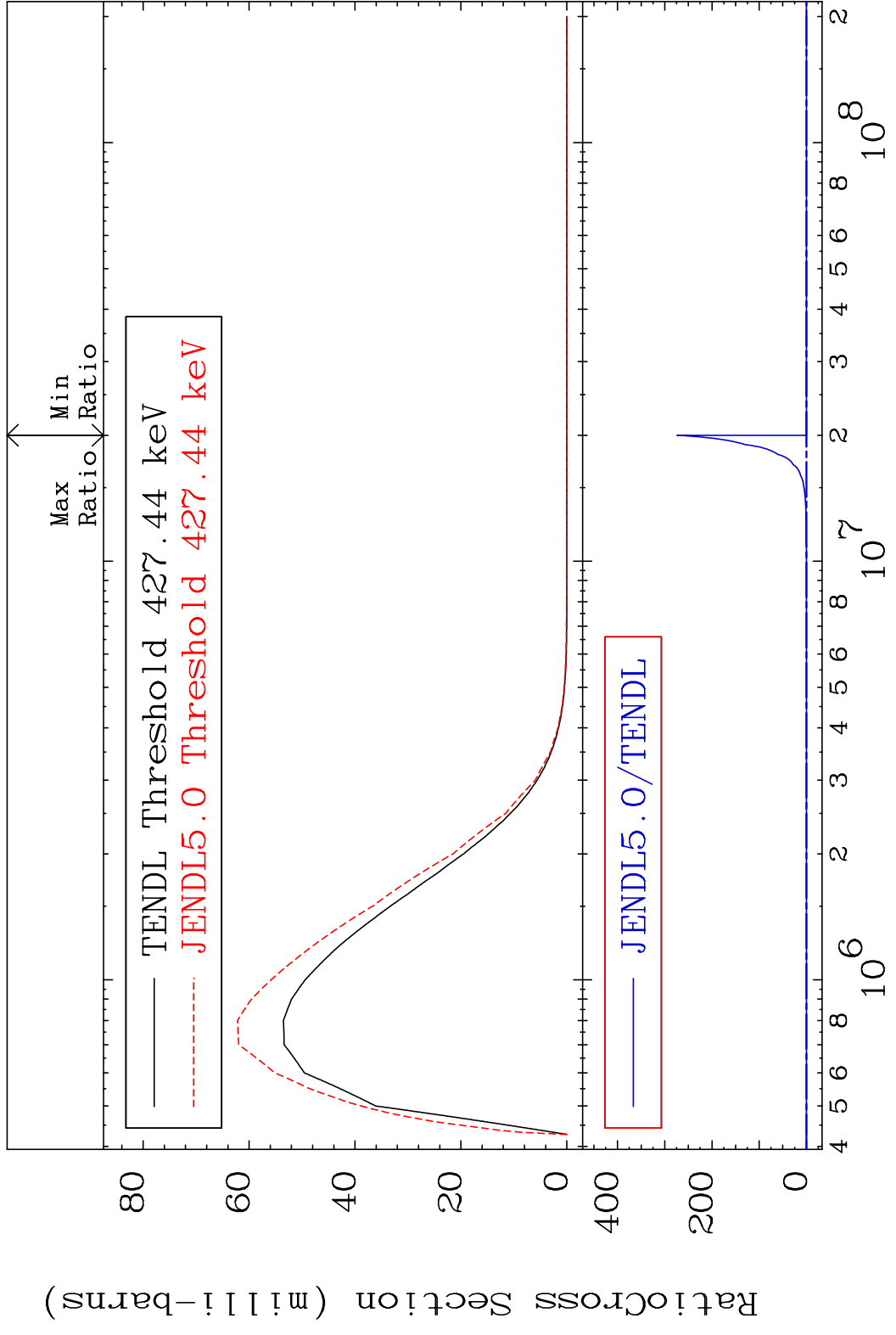


MAT 4729 MT= 77 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



39 Incident Energy (eV) 47-Ag-108m

MAT 4729 MT= 78 (n, n') Level 47-Ag-108m
 Cross Section -100.0 To 9999. %



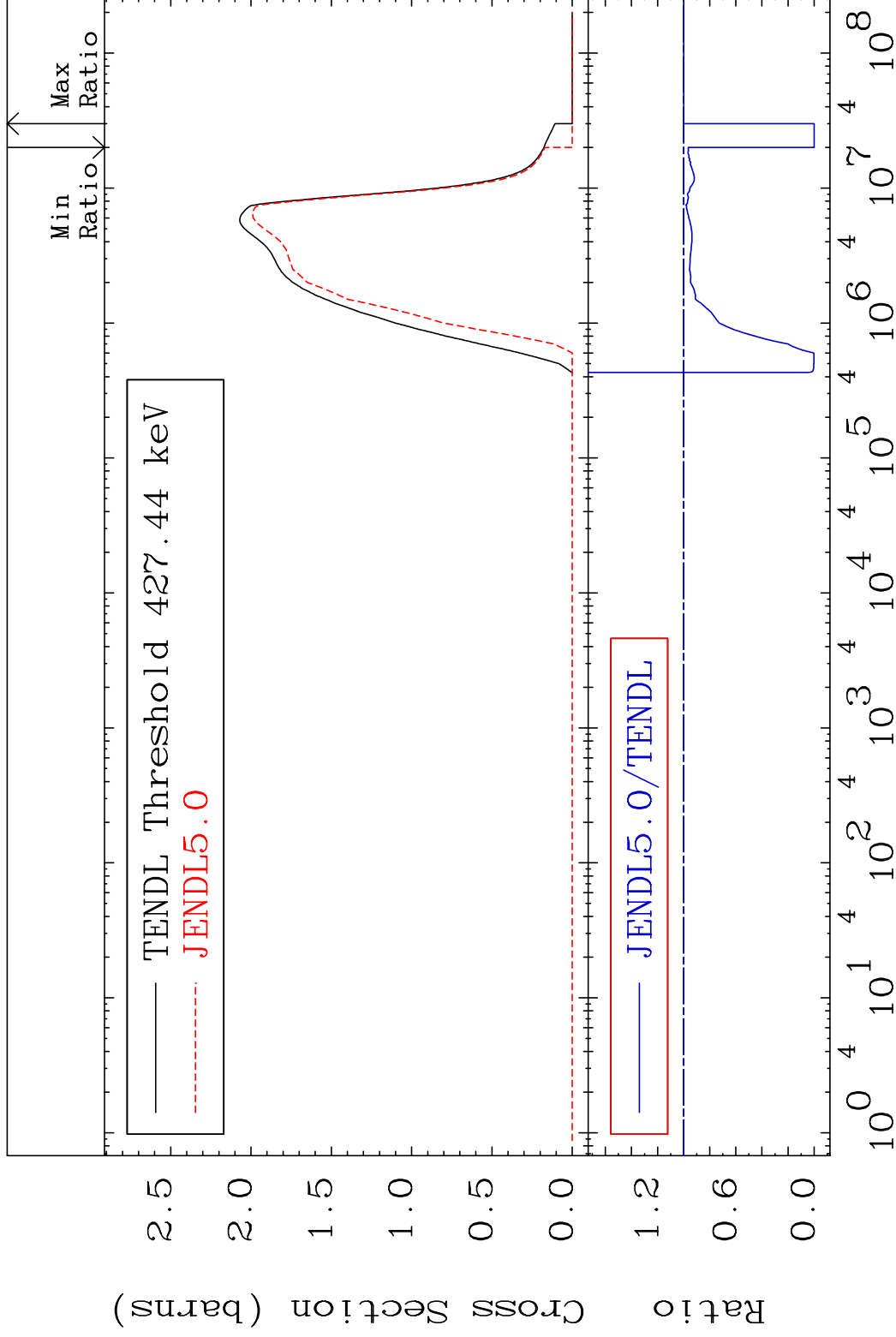
40 Incident Energy (eV) 47-Ag-108m

MAT 4729

(n, n') Continuum

47-Ag-108m

Cross Section -100.0 To 0.000 %



41

Incident Energy (eV)

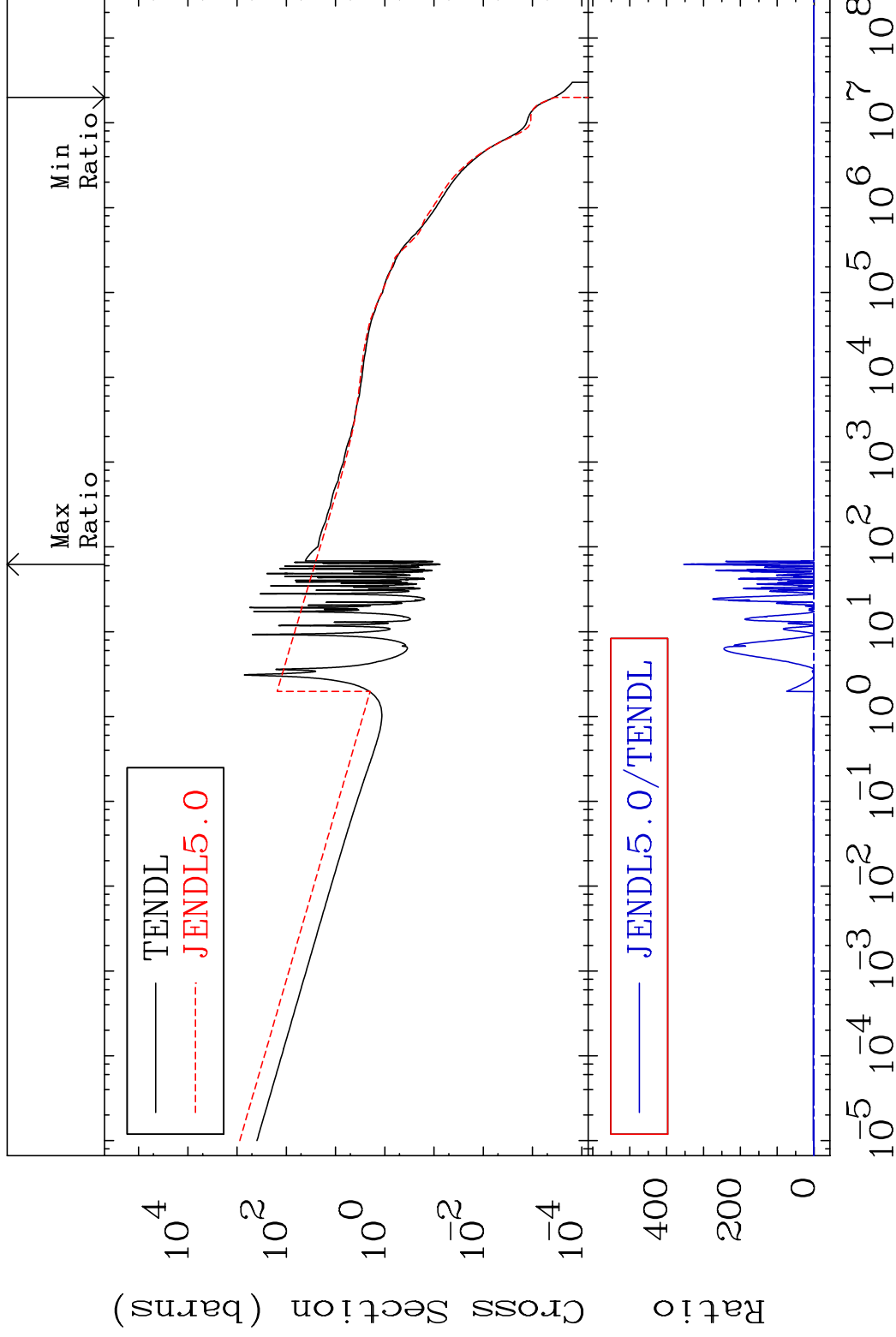
47-Ag-108m

MAT 4729

(n, γ)

47-Ag-108m

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

47-Ag-108m

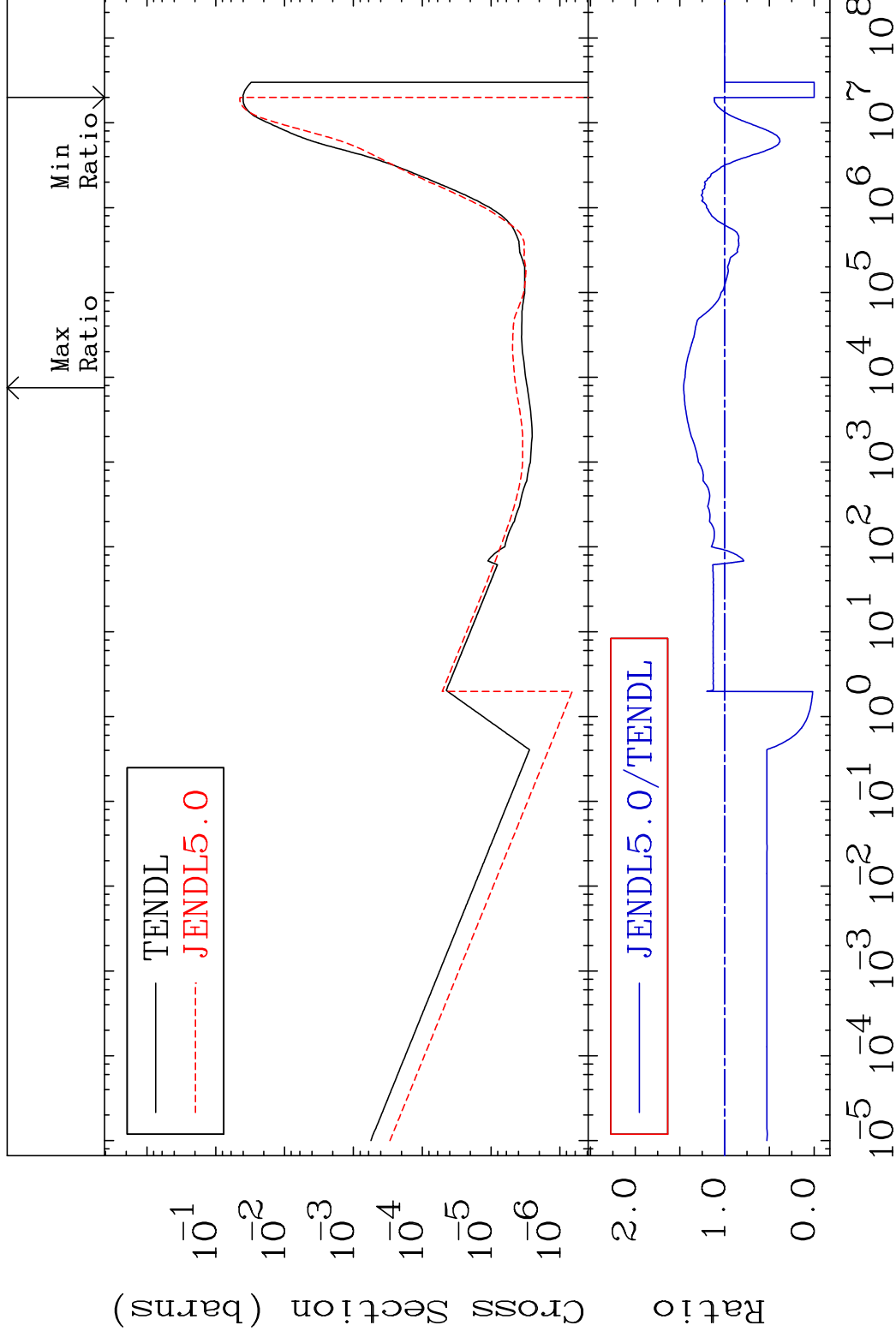
MAT 4729

(n, p)

47-Ag-108m

Cross Section

-100.0 To 45.81 %



43

Incident Energy (eV)

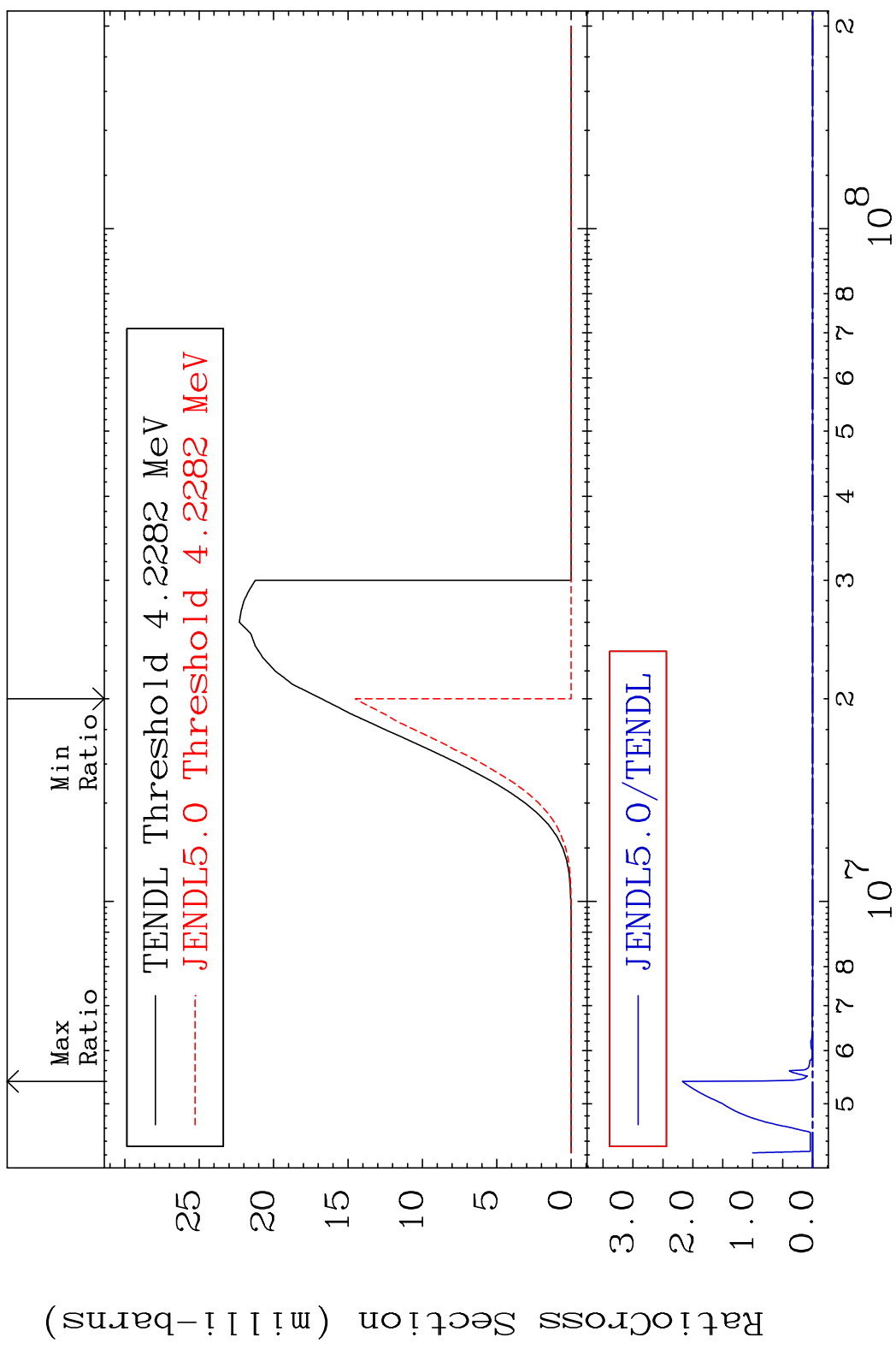
47-Ag-108m

MAT 4729

(n, d)

47-Ag-108m

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

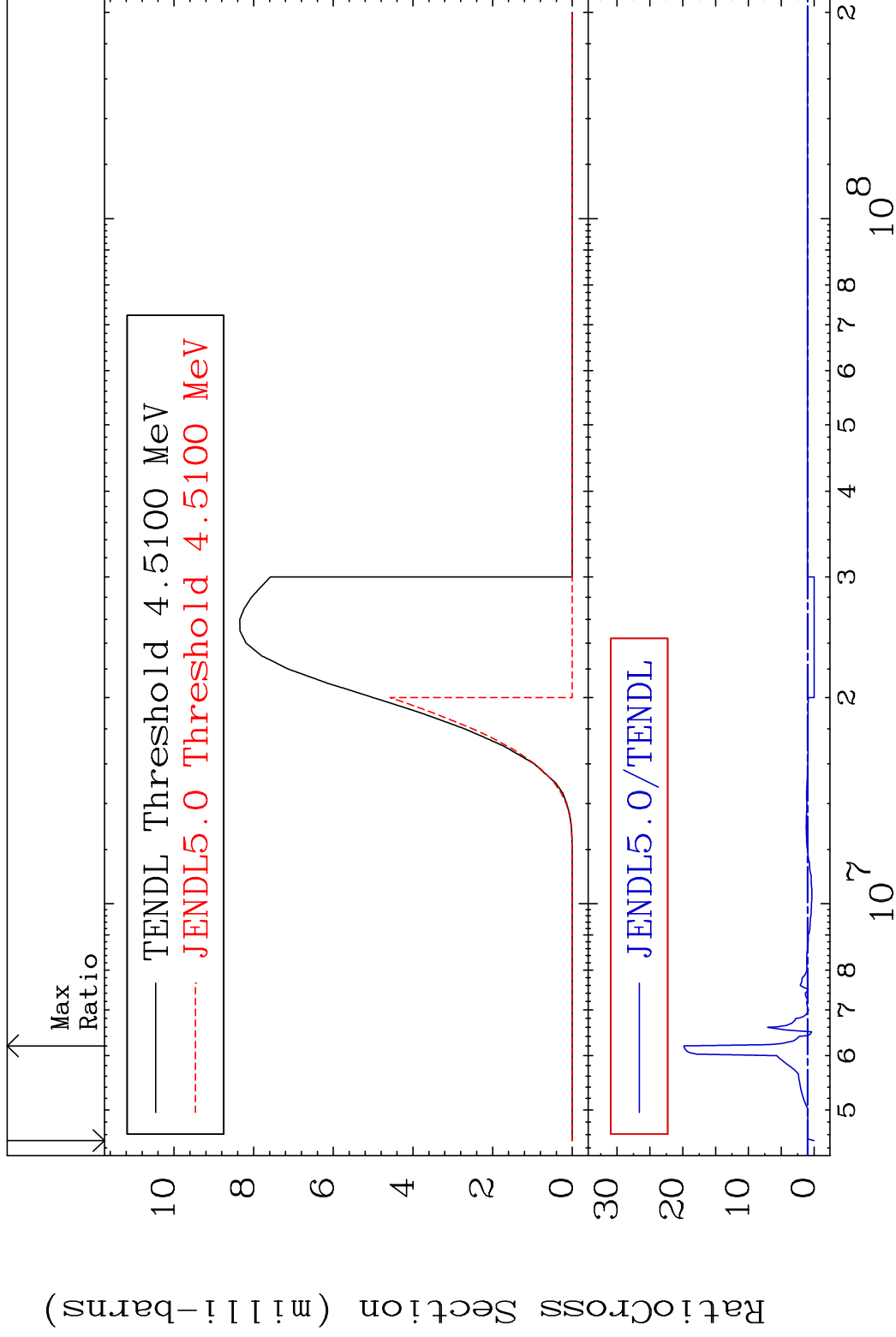
47-Ag-108m

MAT 4729

(n, t)

47-Ag-108m

Cross Section -100.0 To 1886. %



45

Incident Energy (eV)

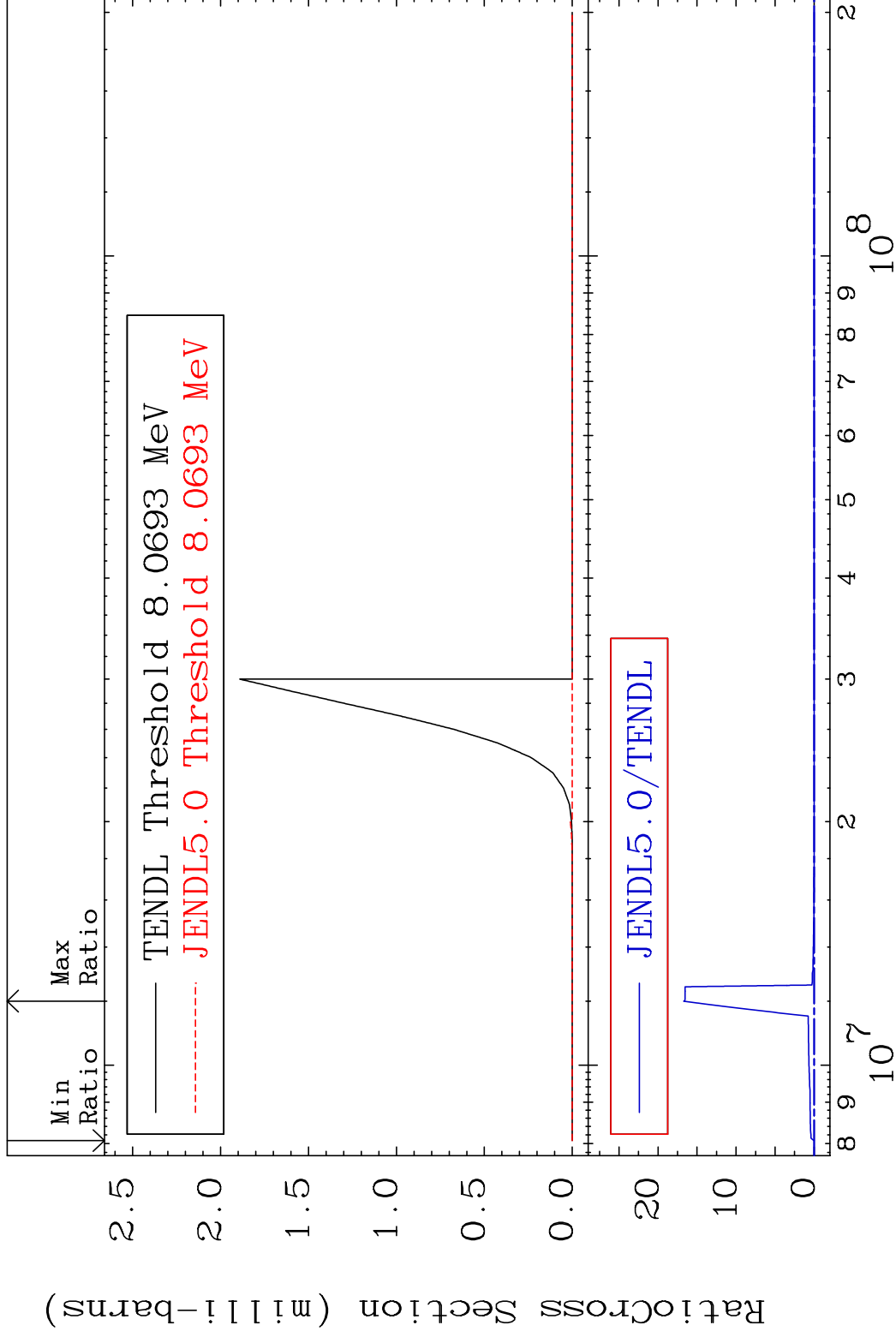
47-Ag-108m

MAT 4729

(n, He-3)

47-Ag-108m

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

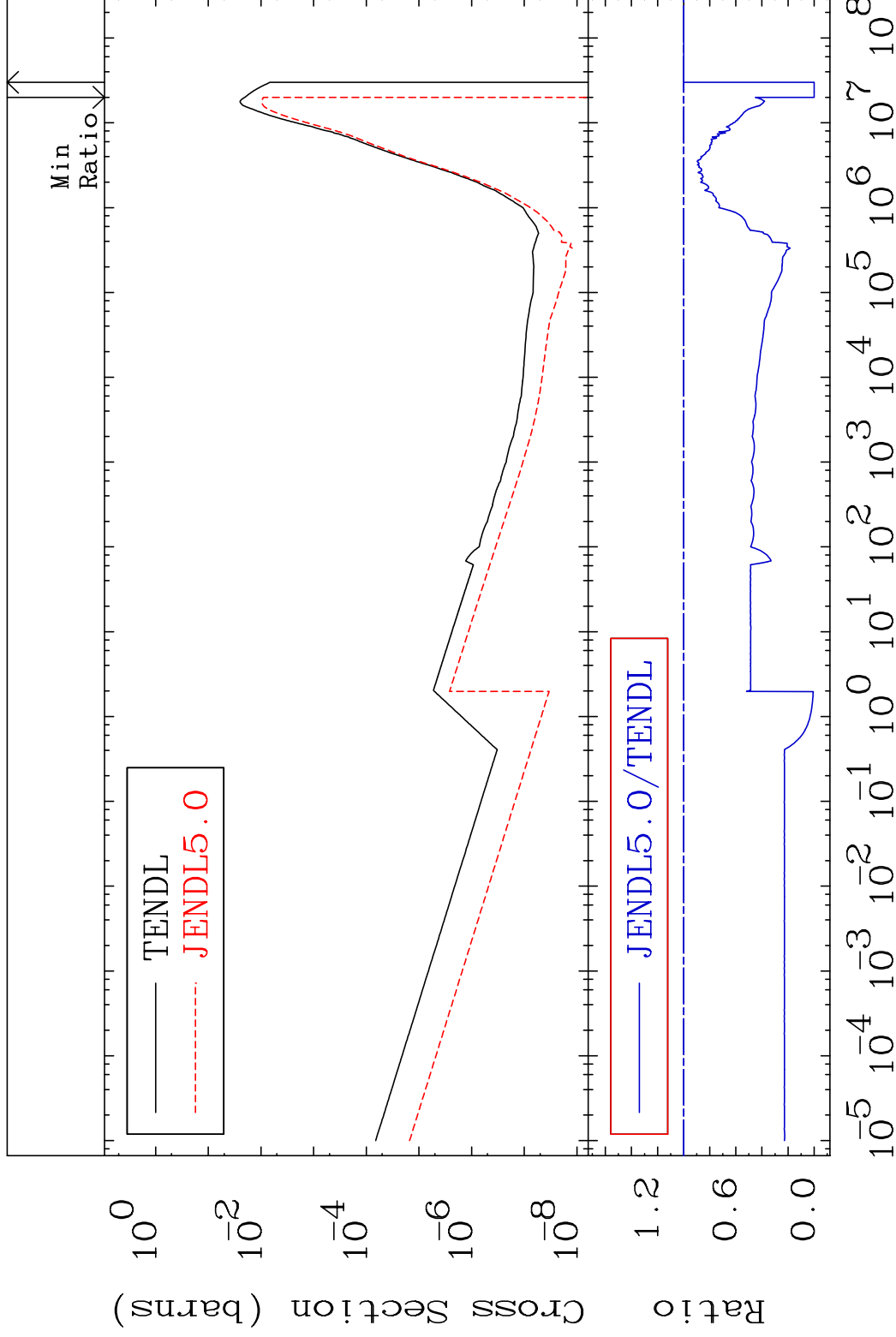
47-Ag-108m

MAT 4729

(n, α)

47-Ag-108m

Cross Section -100.0 To 0.000 %

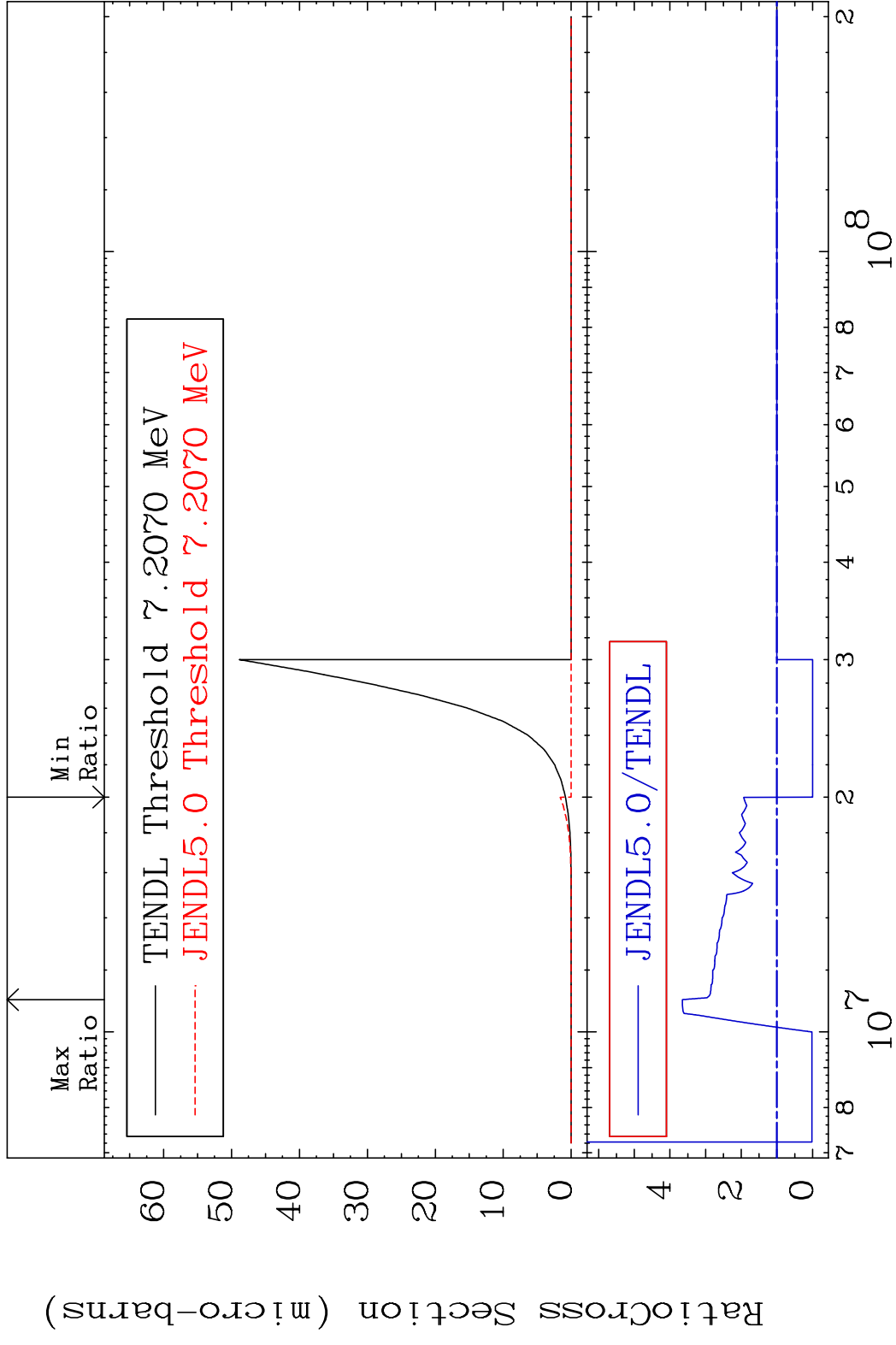


47

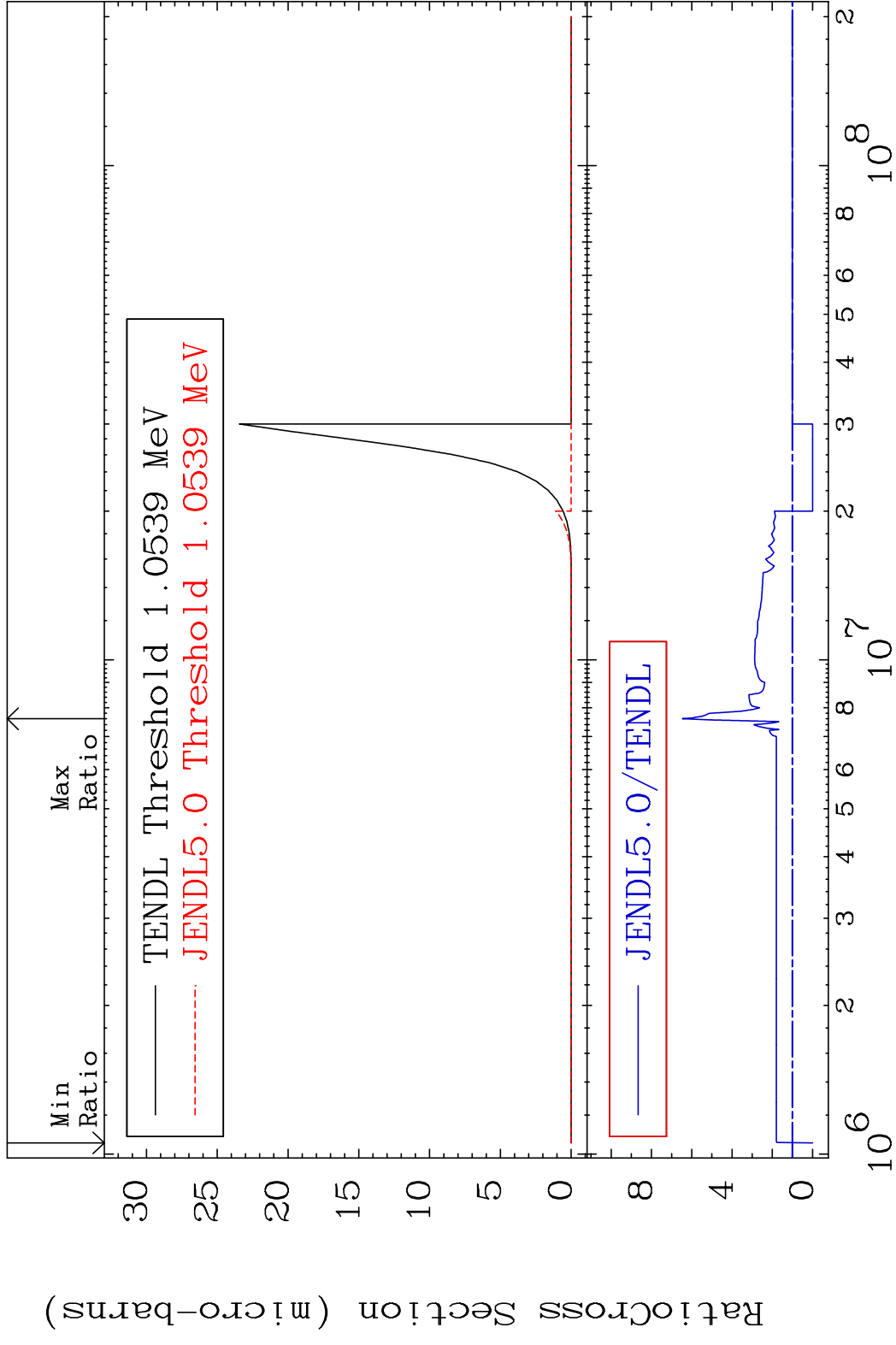
Incident Energy (eV)

47-Ag-108m

MAT 4729 (n,2p) 47-Ag-108m
 Cross Section -100.0 To 265.2 %



MAT 4729 (n,p) α 47-Ag-108m
 Cross Section -100.0 To 546.6 %

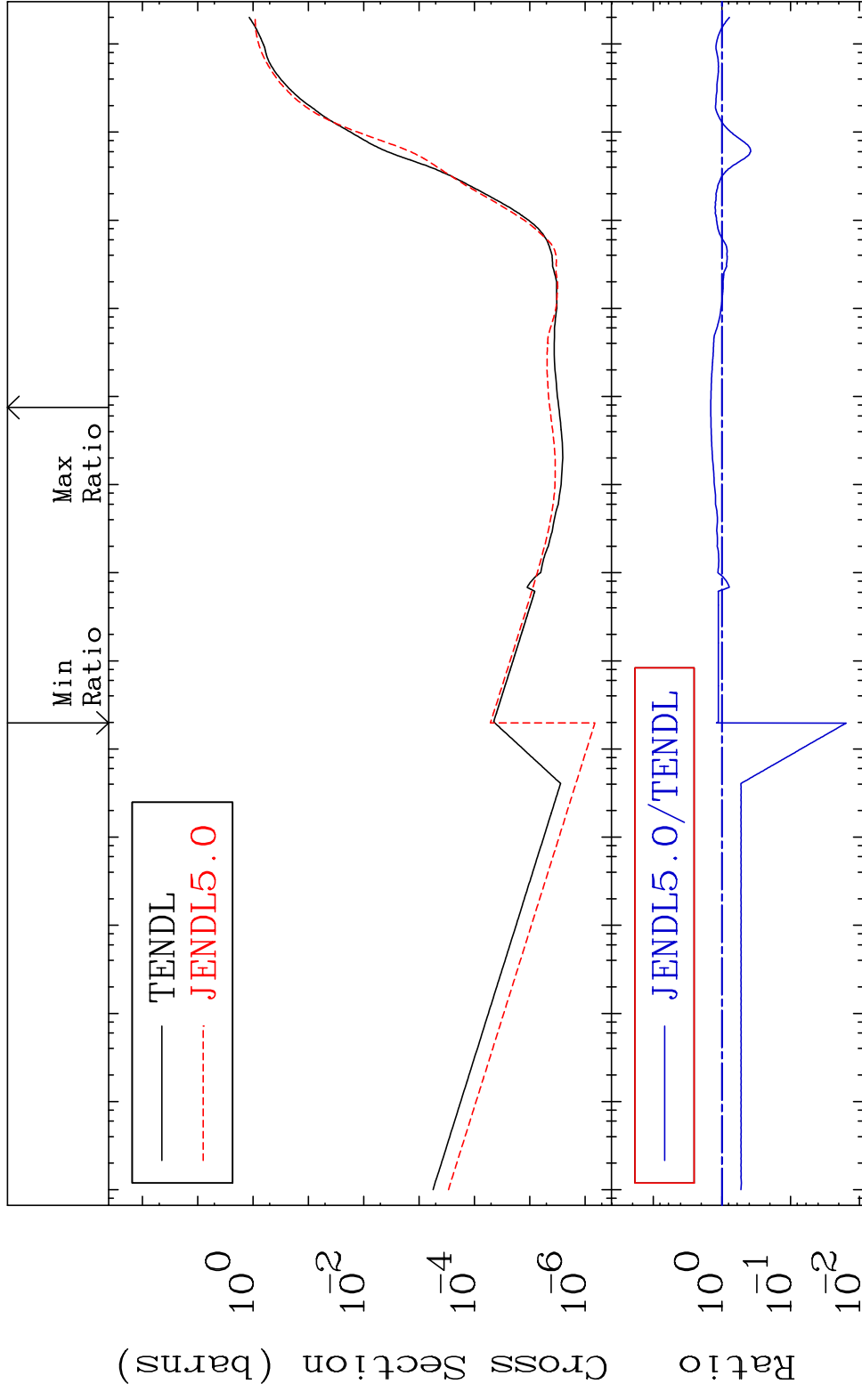


49 47-Ag-108m

MAT 4729

Hydrogen Production
Cross Section -98.45 To 45.81 %

47-Ag-108m



50

Incident Energy (eV)

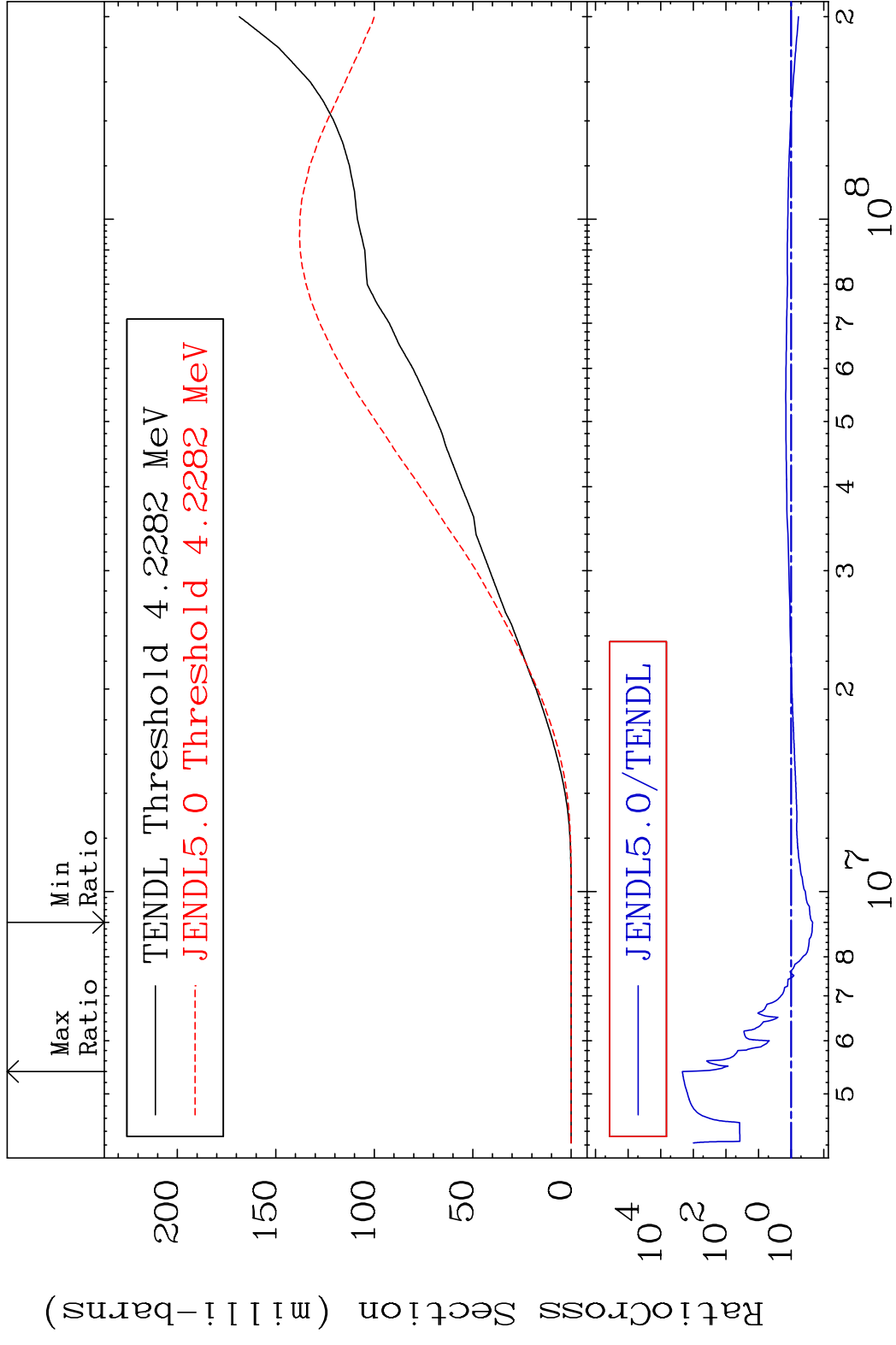
47-Ag-108m

MAT 4729

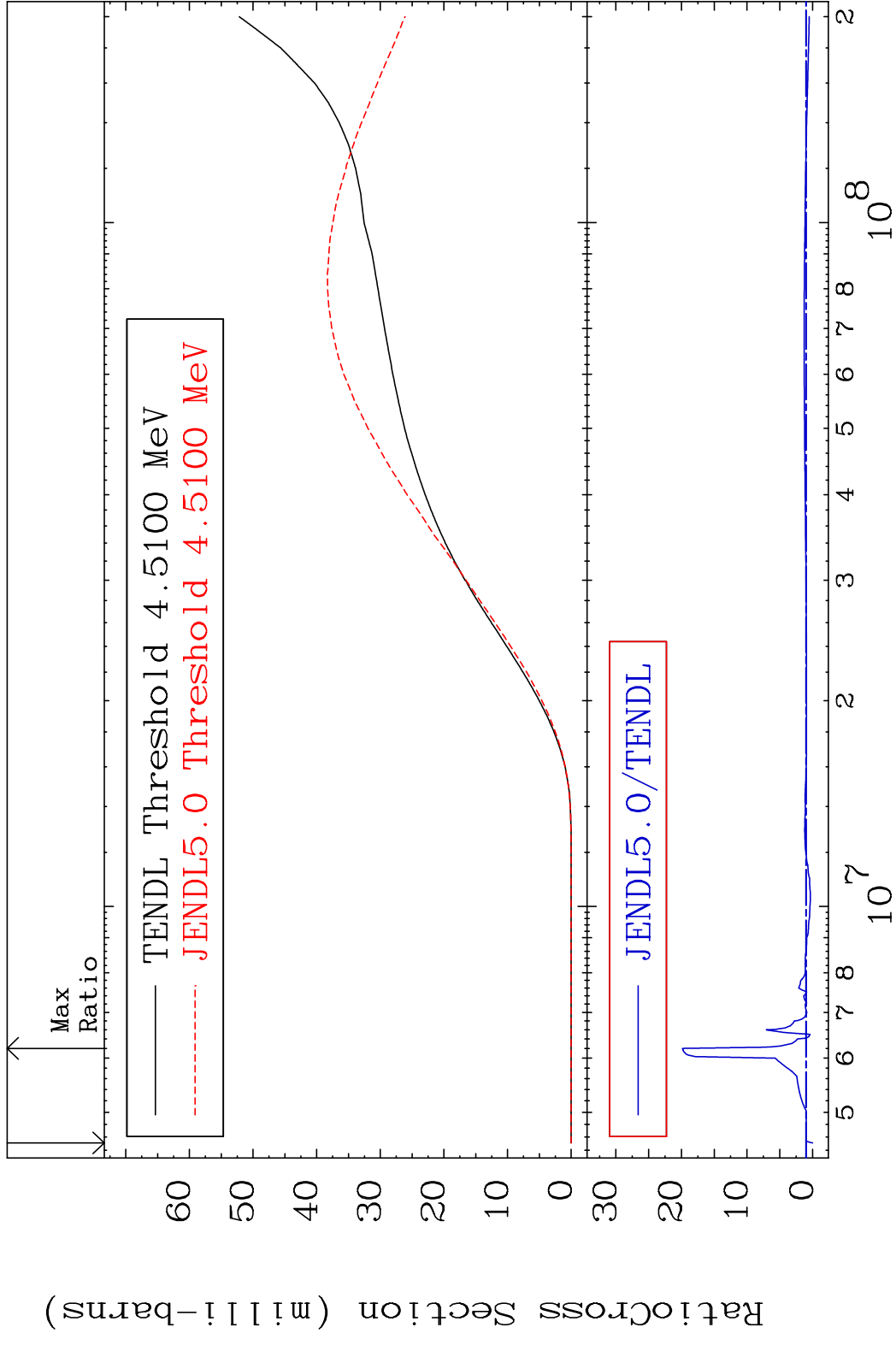
Deuterium Production

47-Ag-108m

Cross Section -77.92 To 9999. %



MAT 4729 Tritium Production 47-Ag-108m
 Cross Section -100.0 To 1886. %

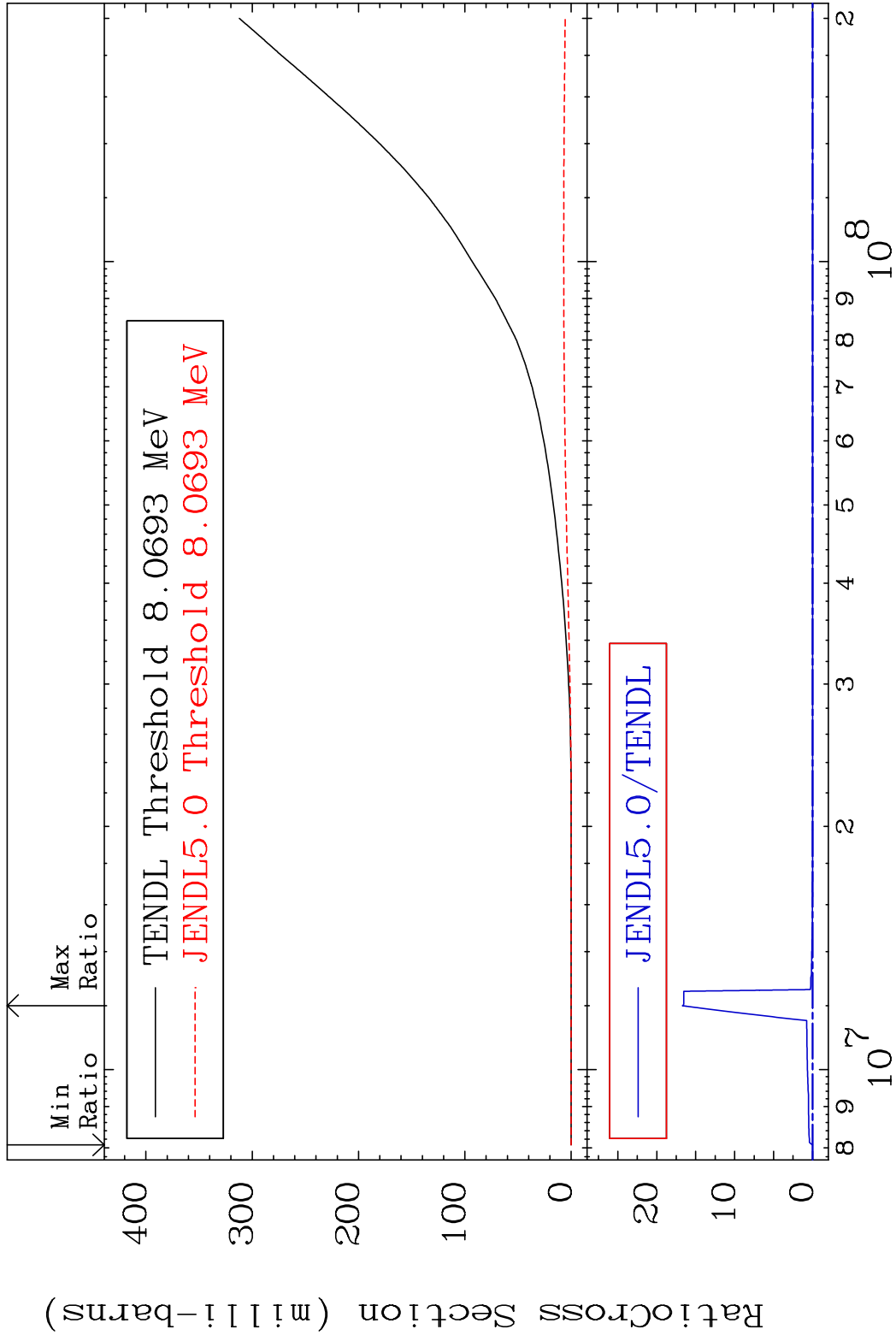


MAT 4729

He-3 Production

47-Ag-108m

Cross Section -100.0 To 9999. %



53

Incident Energy (eV)

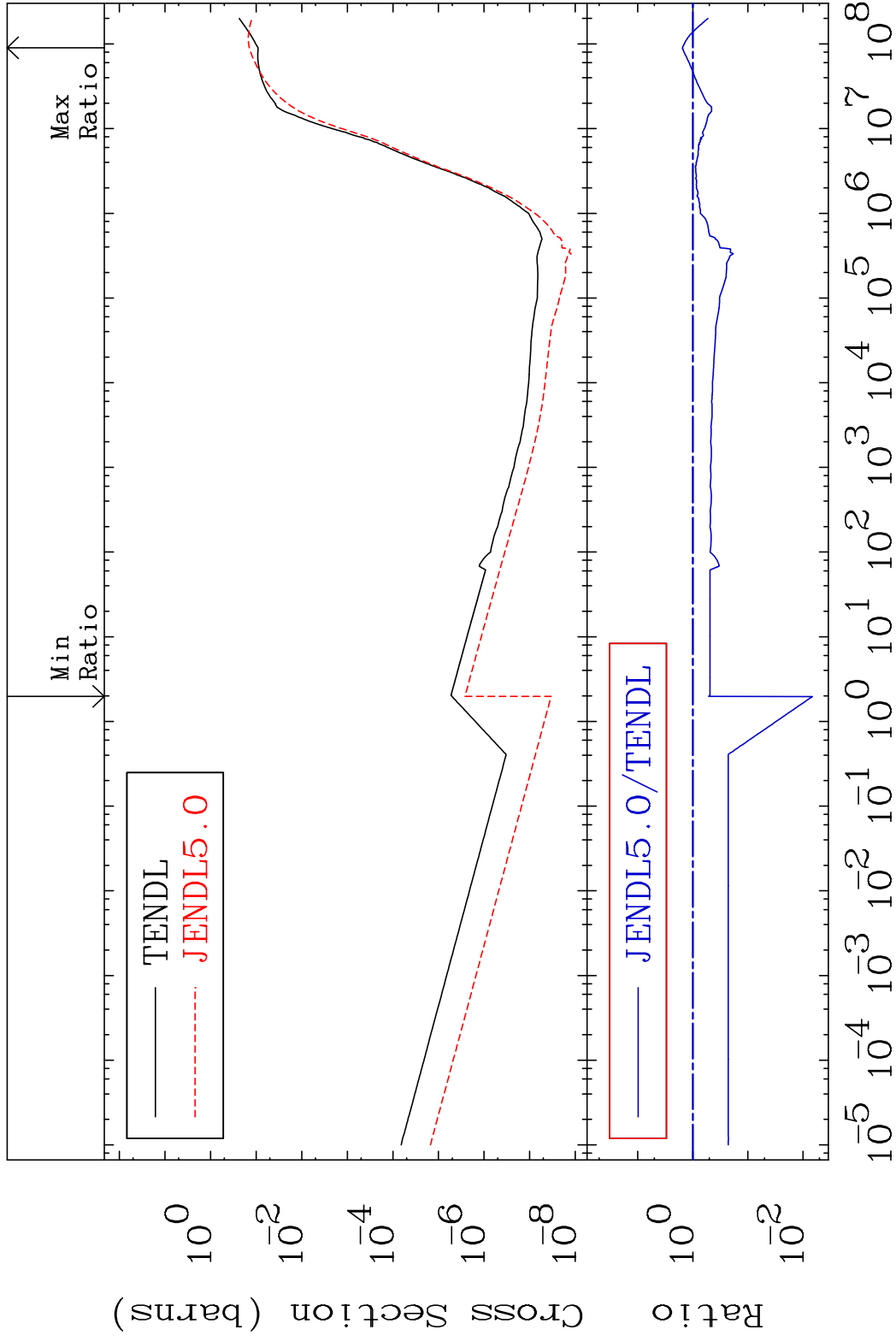
47-Ag-108m

MAT 4729

He-4 Production

47-Ag-108m

Cross Section -99.33 To 54.67 %

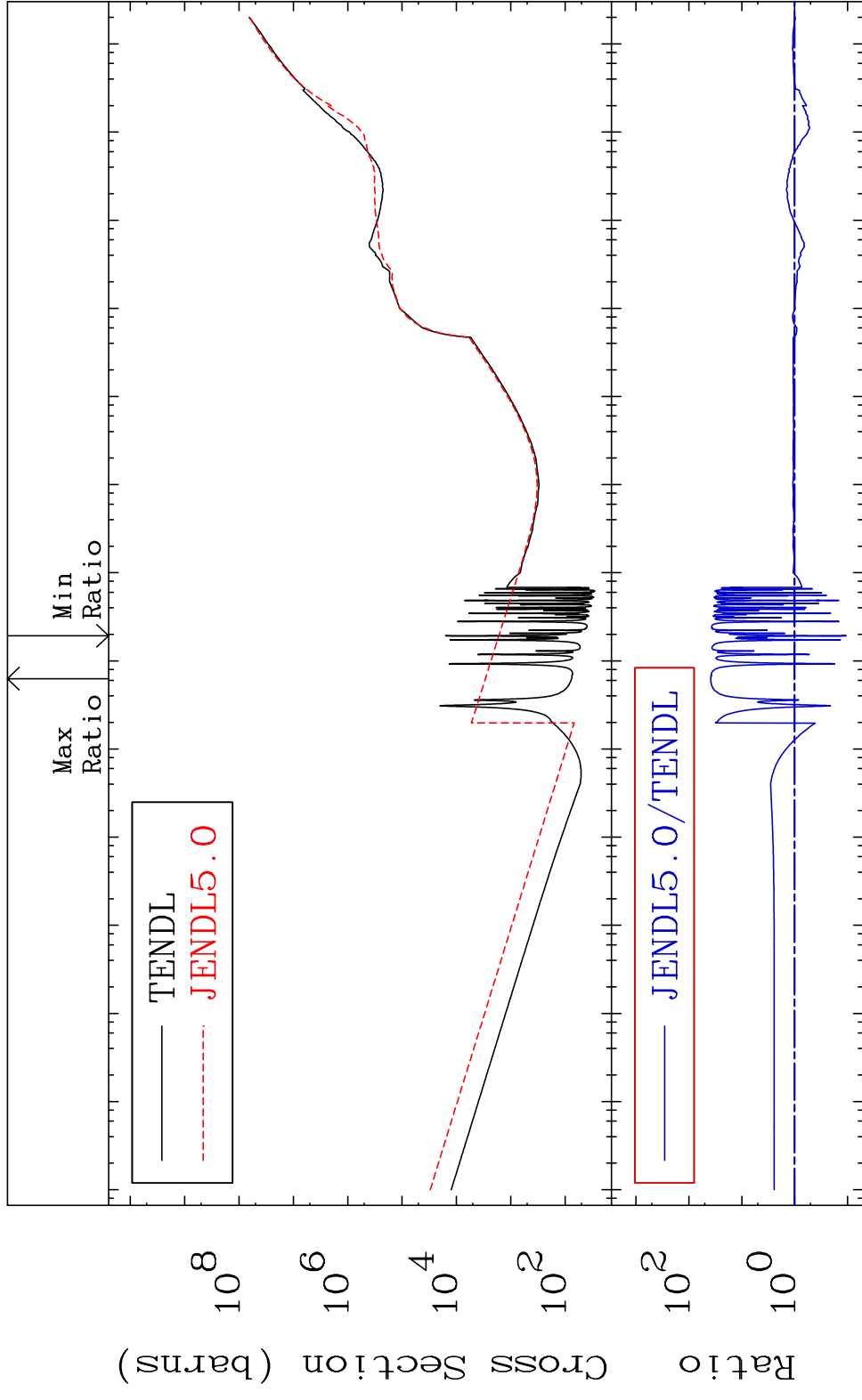


54

Incident Energy (eV)

47-Ag-108m

MAT 4729 Kerma total (eV-barns) 47-Ag-108m
 Cross Section -89.45 To 3768. %

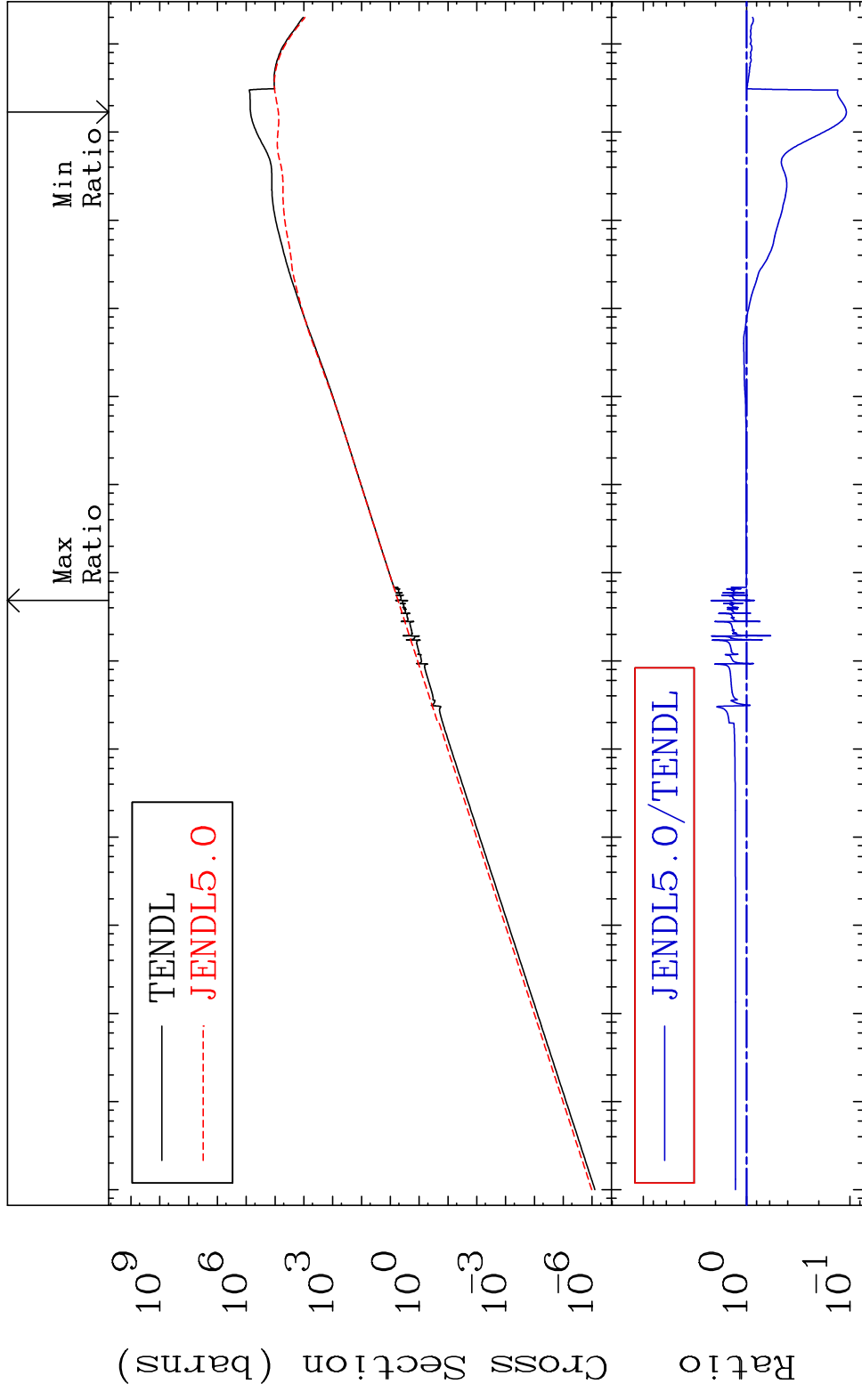


55 Incident Energy (eV) 47-Ag-108m

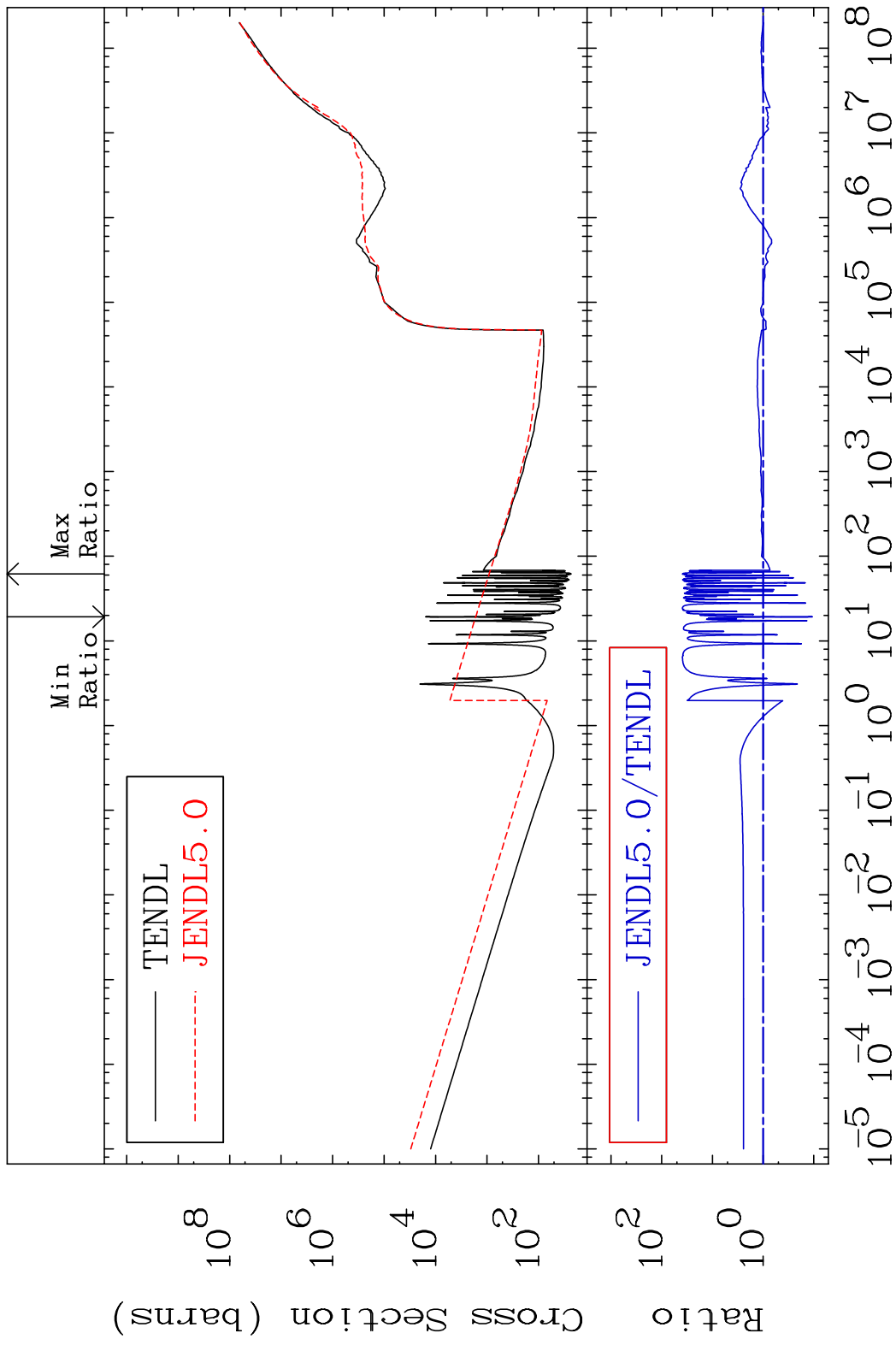
MAT 4729

Kerma elastic
Cross Section

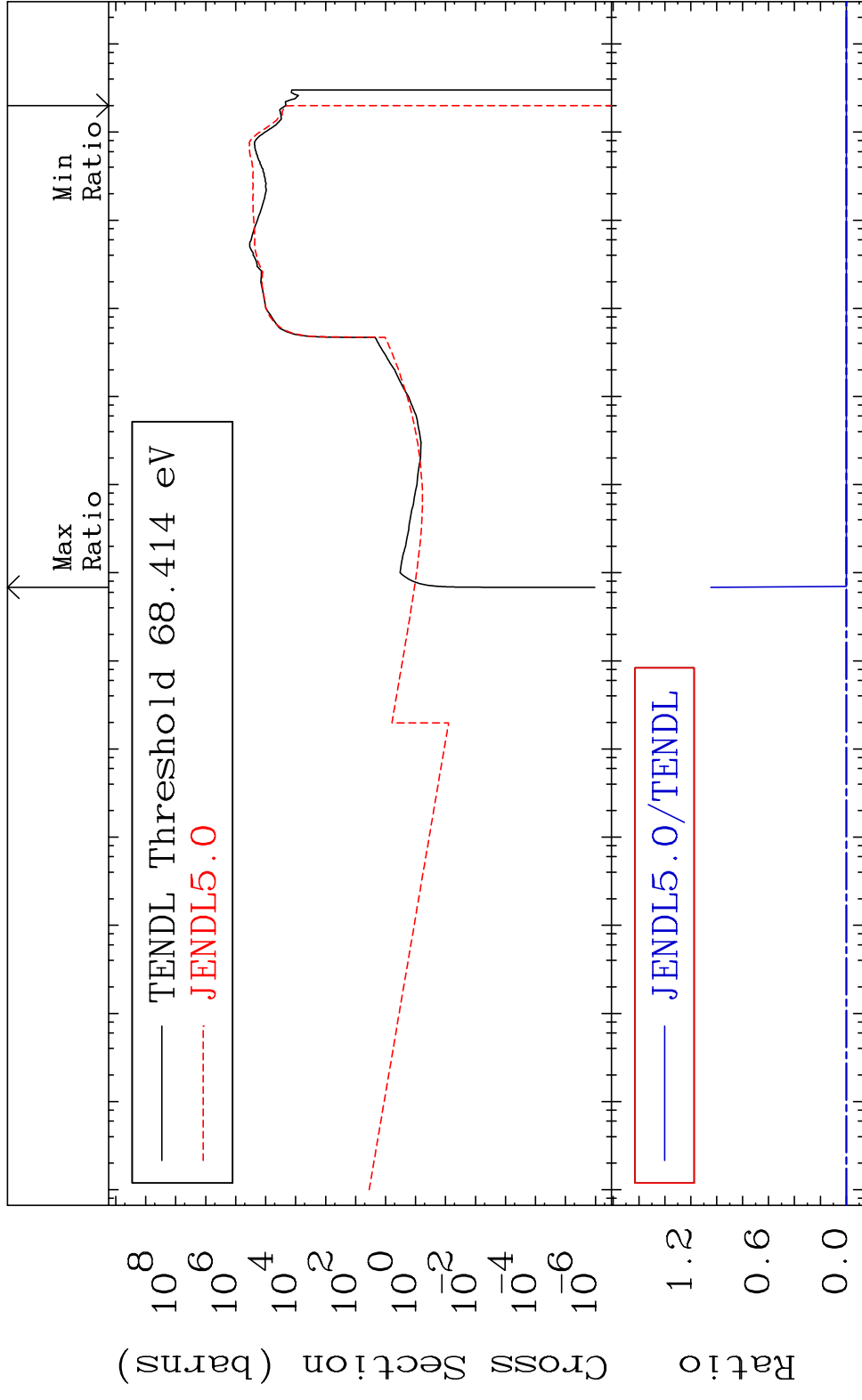
47-Ag-108m
-89.15 To 122.8 %



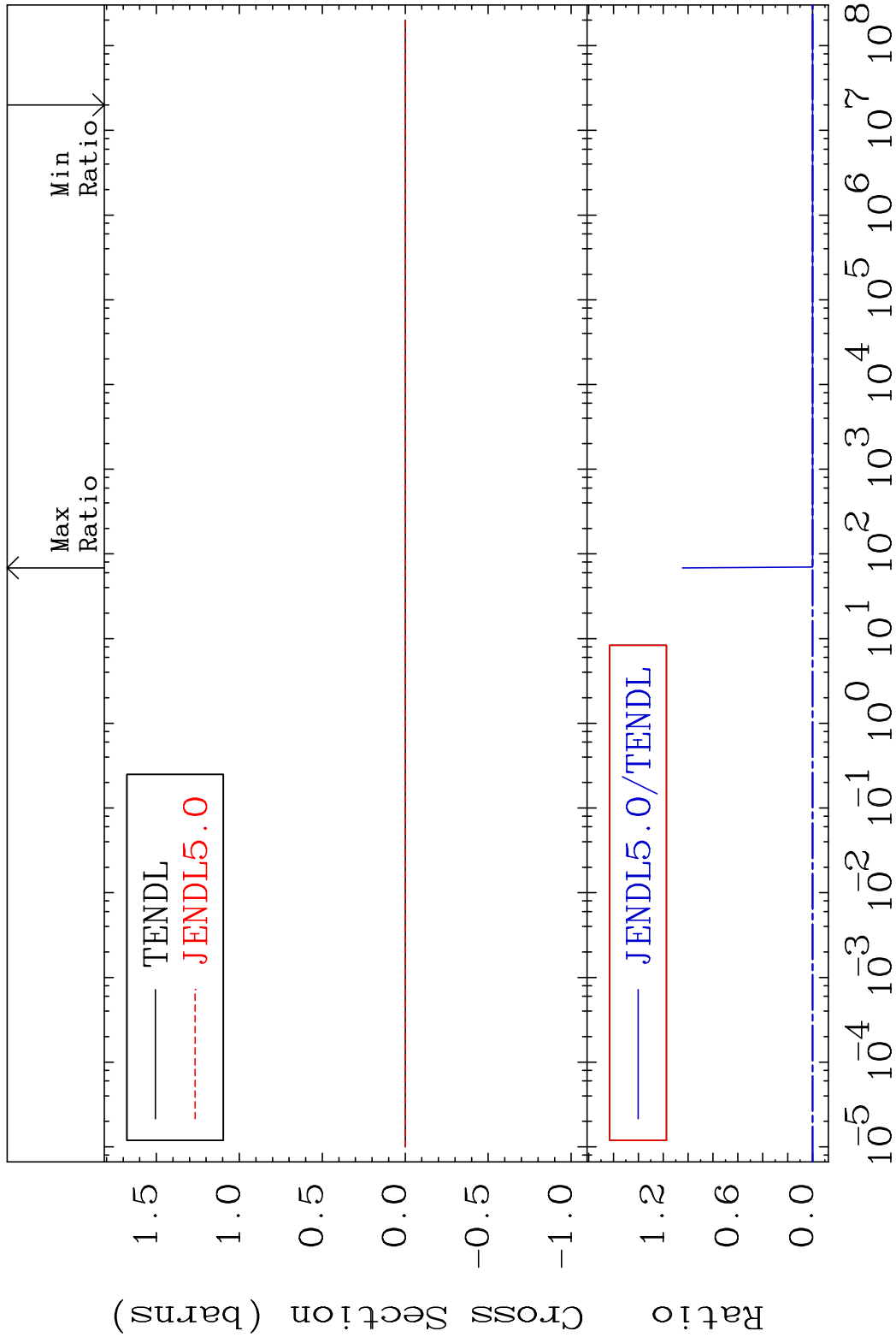
MAT 4729 Kerma non-elastic (all but mt2) 47-Ag-108m
 Cross Section -89.46 To 3817. %



MAT 4729 Kerma inelastic (mt51-91) 47-Ag-108m
 Cross Section -100.0 To 9999. %



MAT 4729 Kerma fission (mt18 or mt19-20-21-38) - Ag-108m
 Cross Section -100.0 To 9999. %

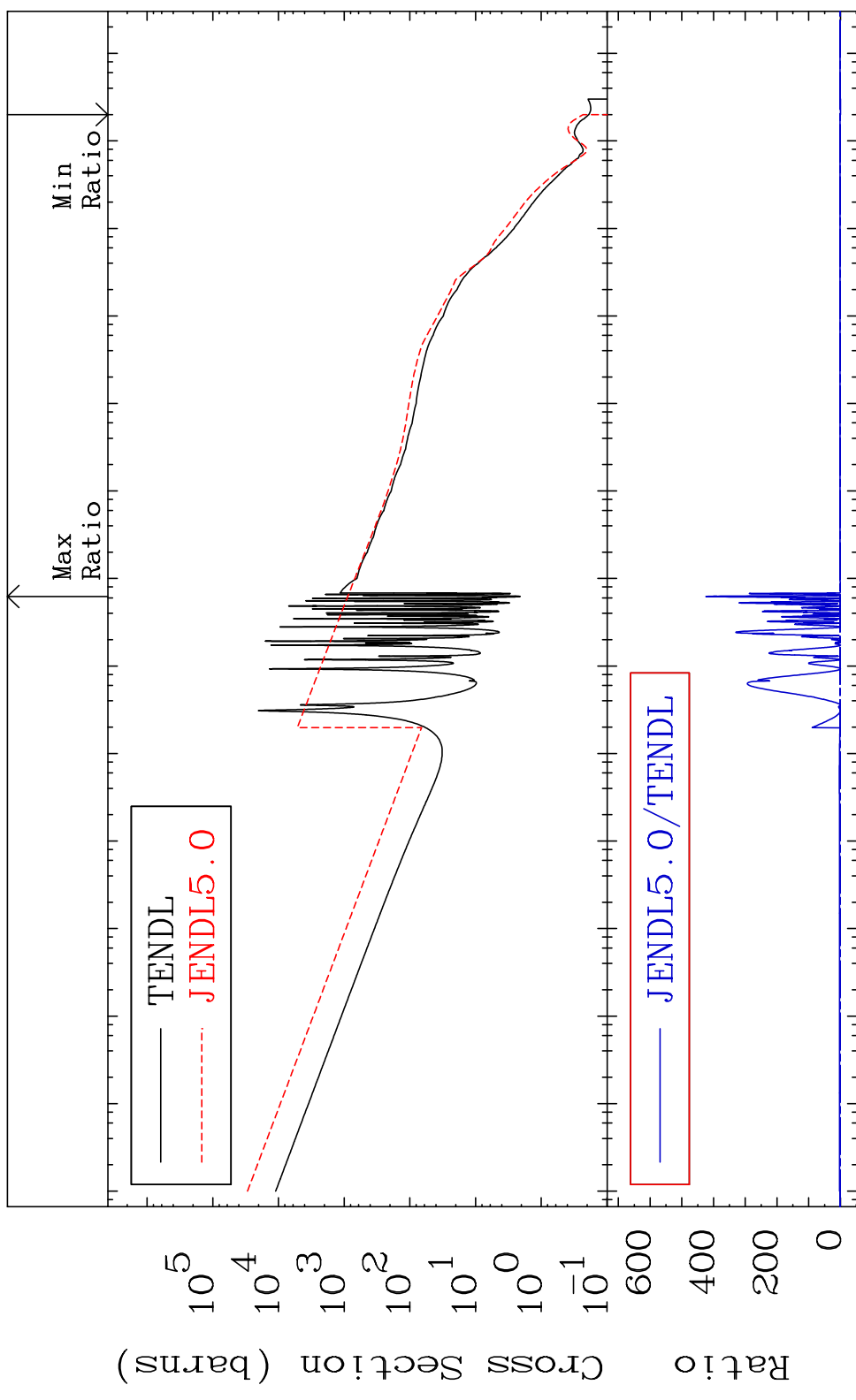


MAT 4729

Kerma capture (mt102)

47-Ag-108m

Cross Section -100.0 To 9999. %

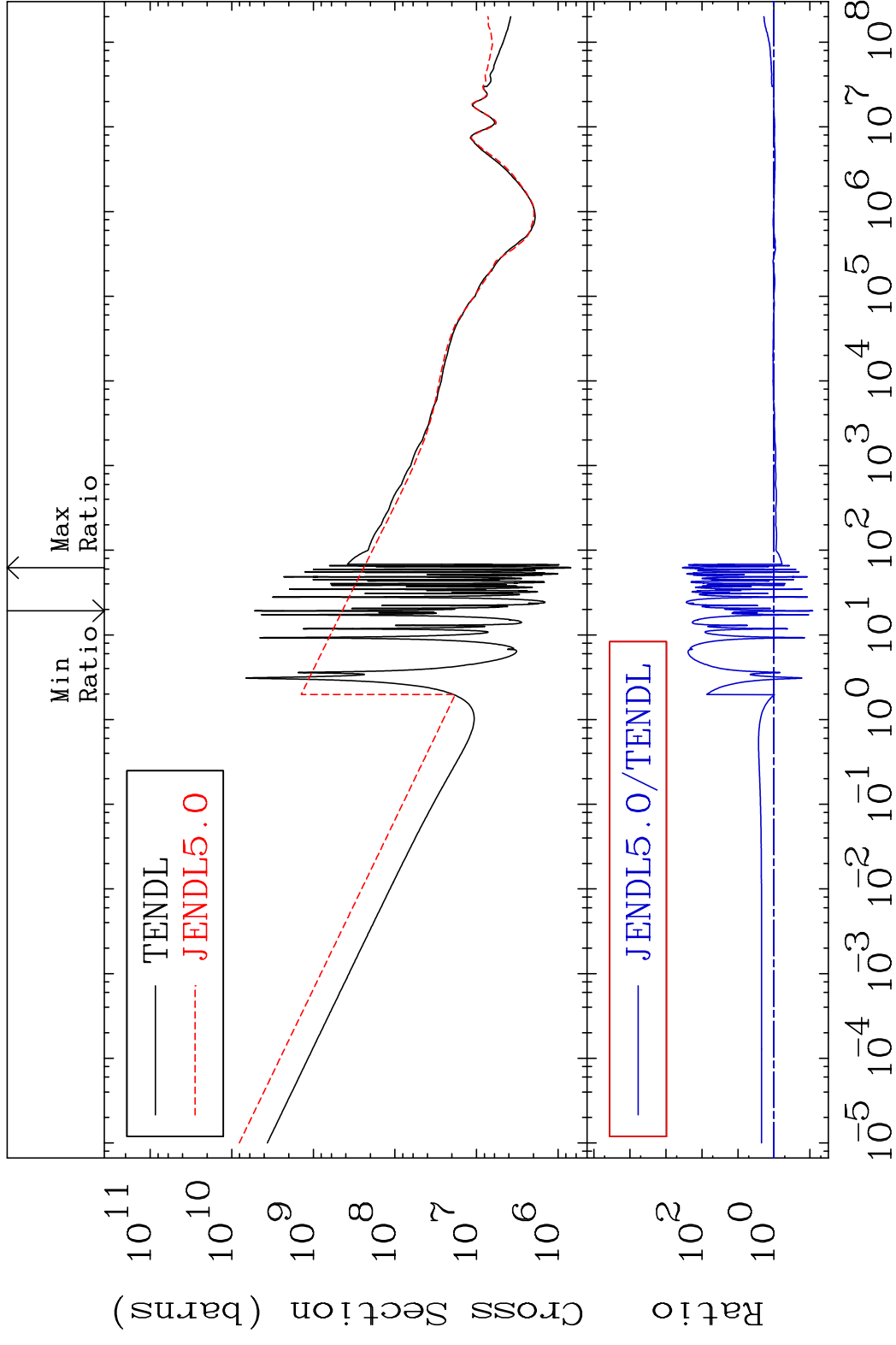


60

Incident Energy (eV)

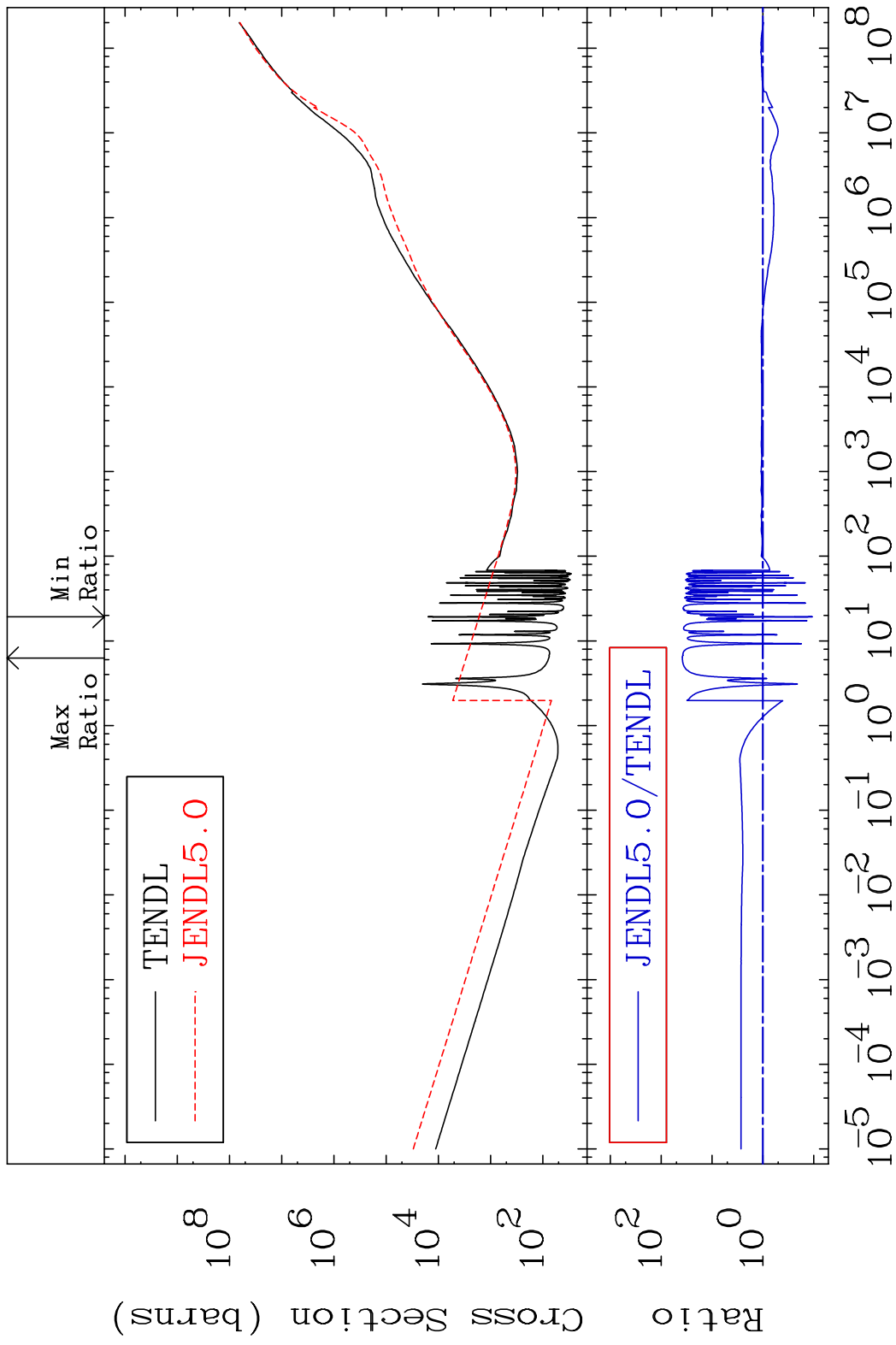
47-Ag-108m

MAT 4729 Total photon (eV-barns) 47-Ag-108m
 Cross Section -91.53 To 9999. %



61 Incident Energy (eV) 47-Ag-108m

MAT 4729 Total kinematic kerma (high limit)47-Ag-108m
Cross Section -89.46 To 3735. %

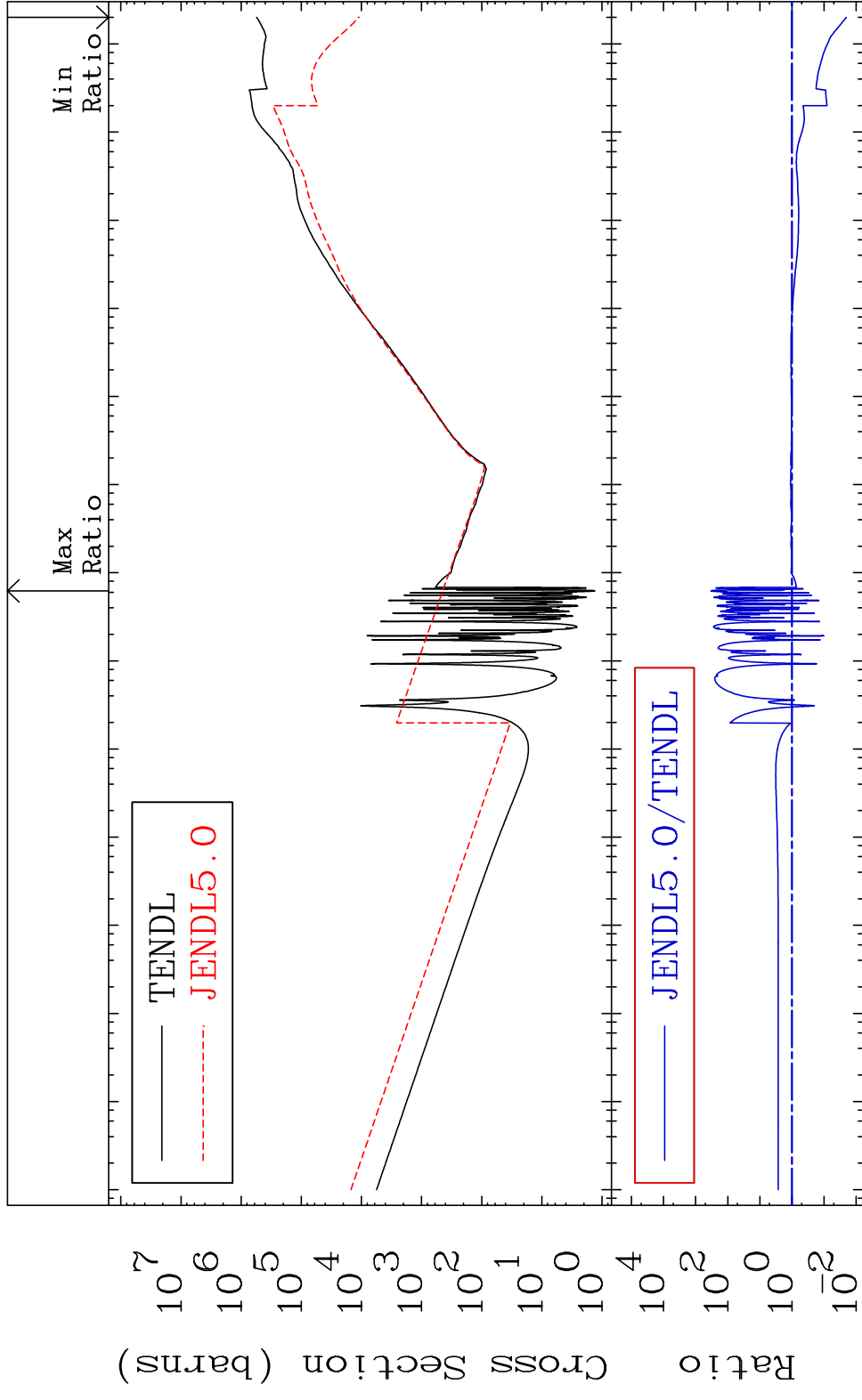


MAT 4729

Dpa total (eV-barns)

47-Ag-108m

Cross Section -97.97 To 9999. %

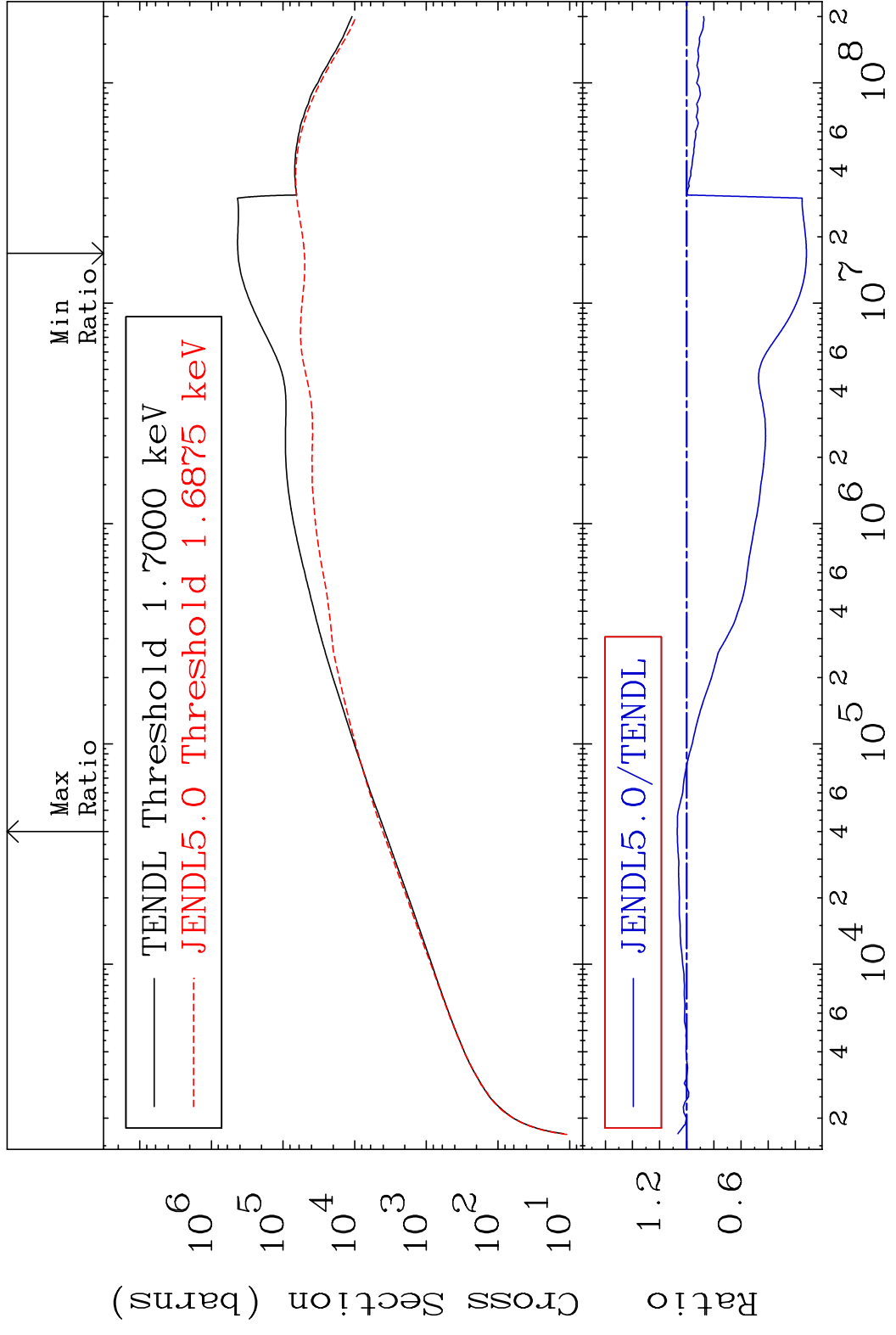


63

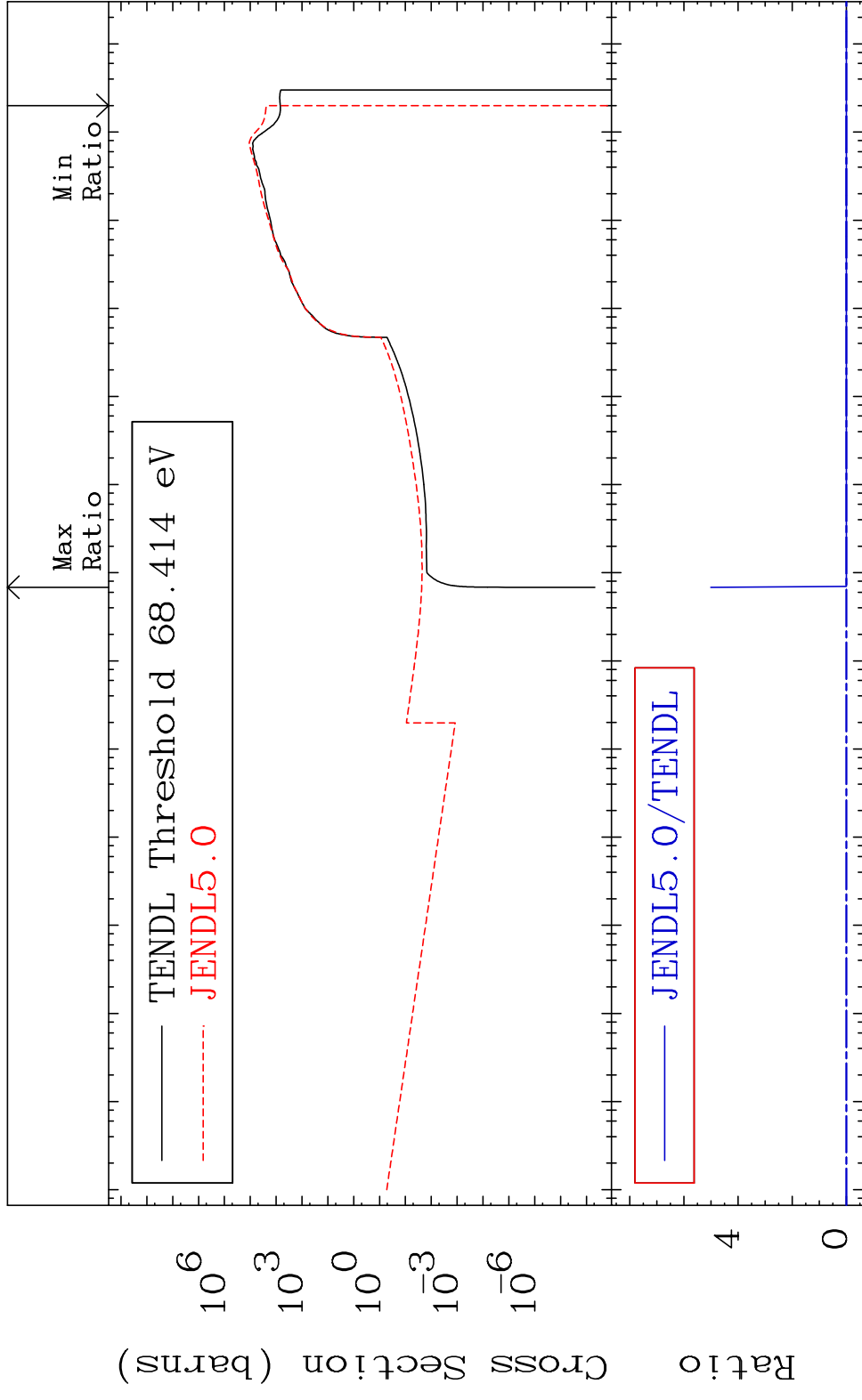
Incident Energy (eV)

47-Ag-108m

MAT 4729 Dpa elastic (mt2) 47-Ag-108m
 Cross Section -88.18 To 7.064 %

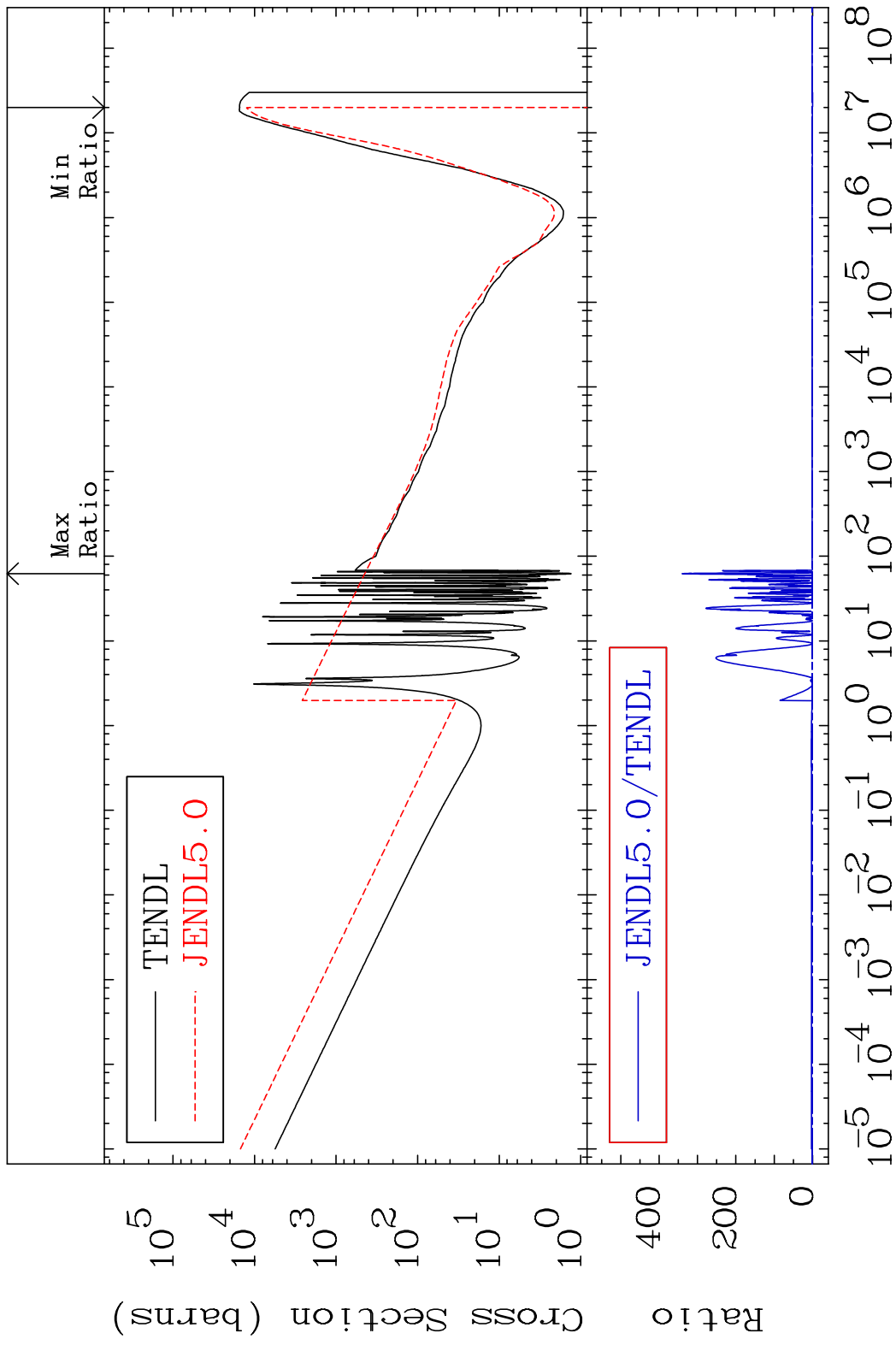


MAT 4729 Dpa inelastic (mt51-91) 47-Ag-108m
 Cross Section -100.0 To 9999. %

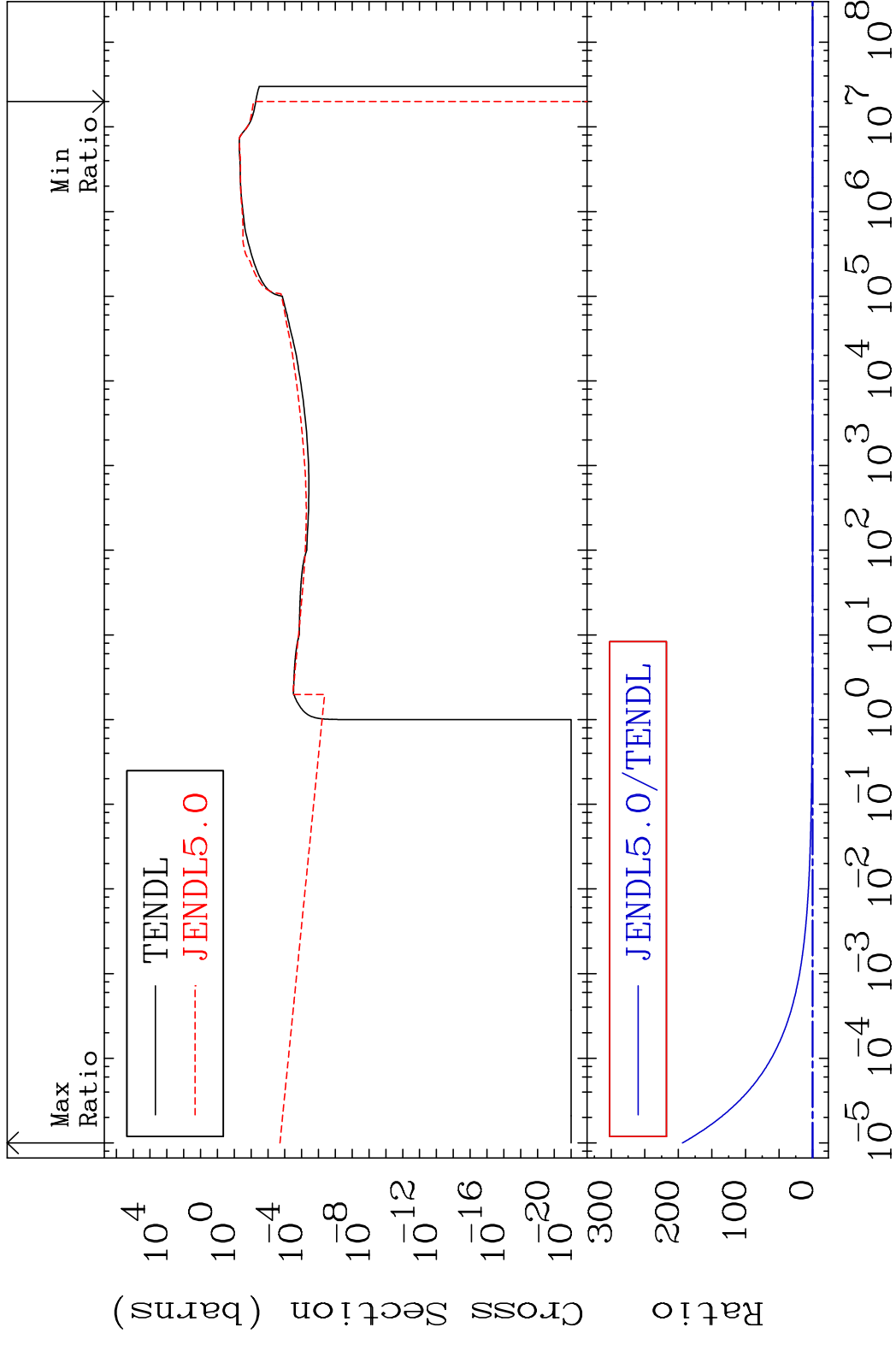


65 Incident Energy (eV) 47-Ag-108m

MAT 4729 Dpa disappearance (mt102 -120) 47-Ag-108m
 Cross Section -100.0 To 9999. %

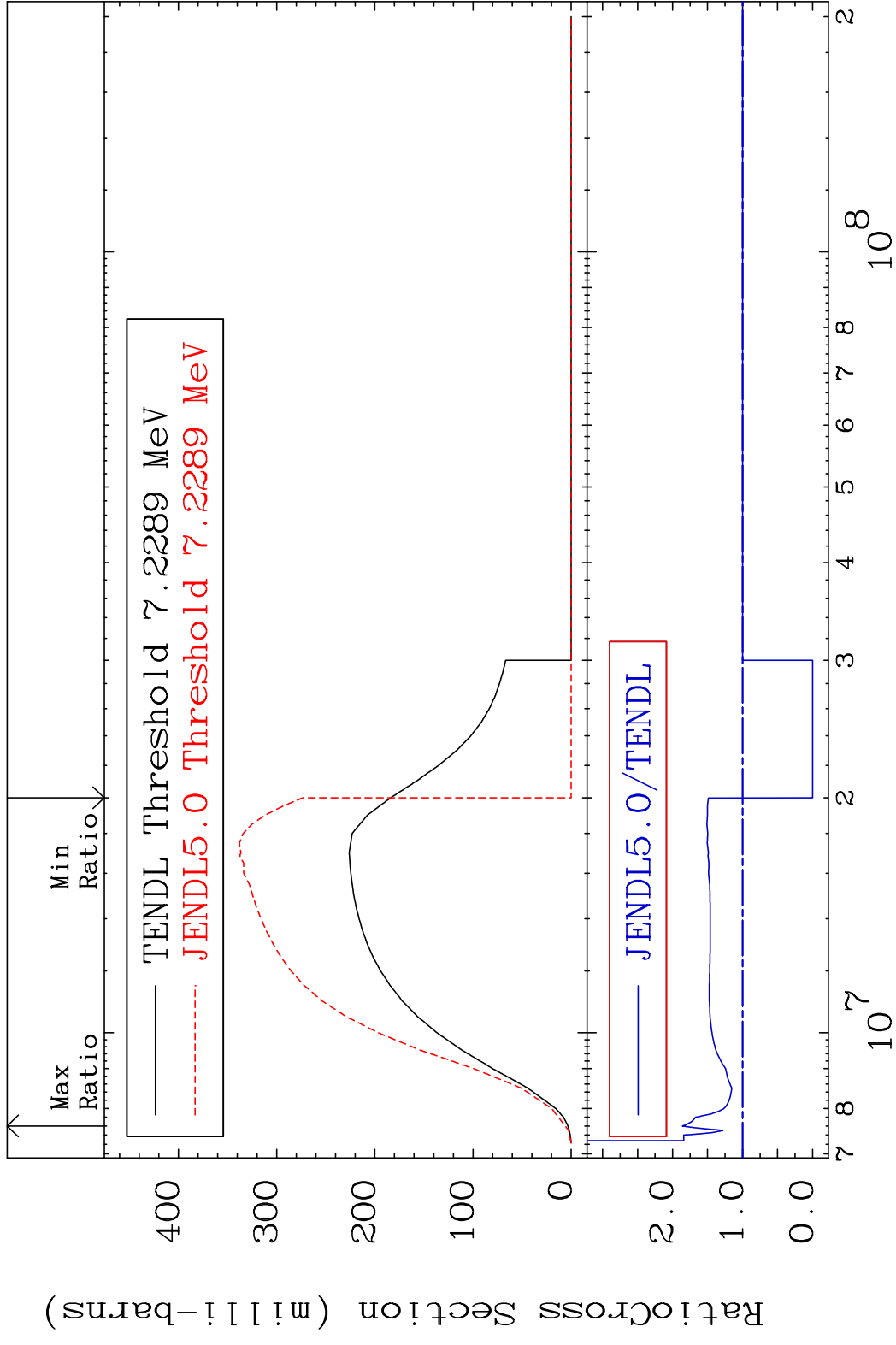


MAT 4729 Inelastic: 47-Ag-108g 47-Ag-108m
 Radionuclide Production Cross Section Ratio 9999. %

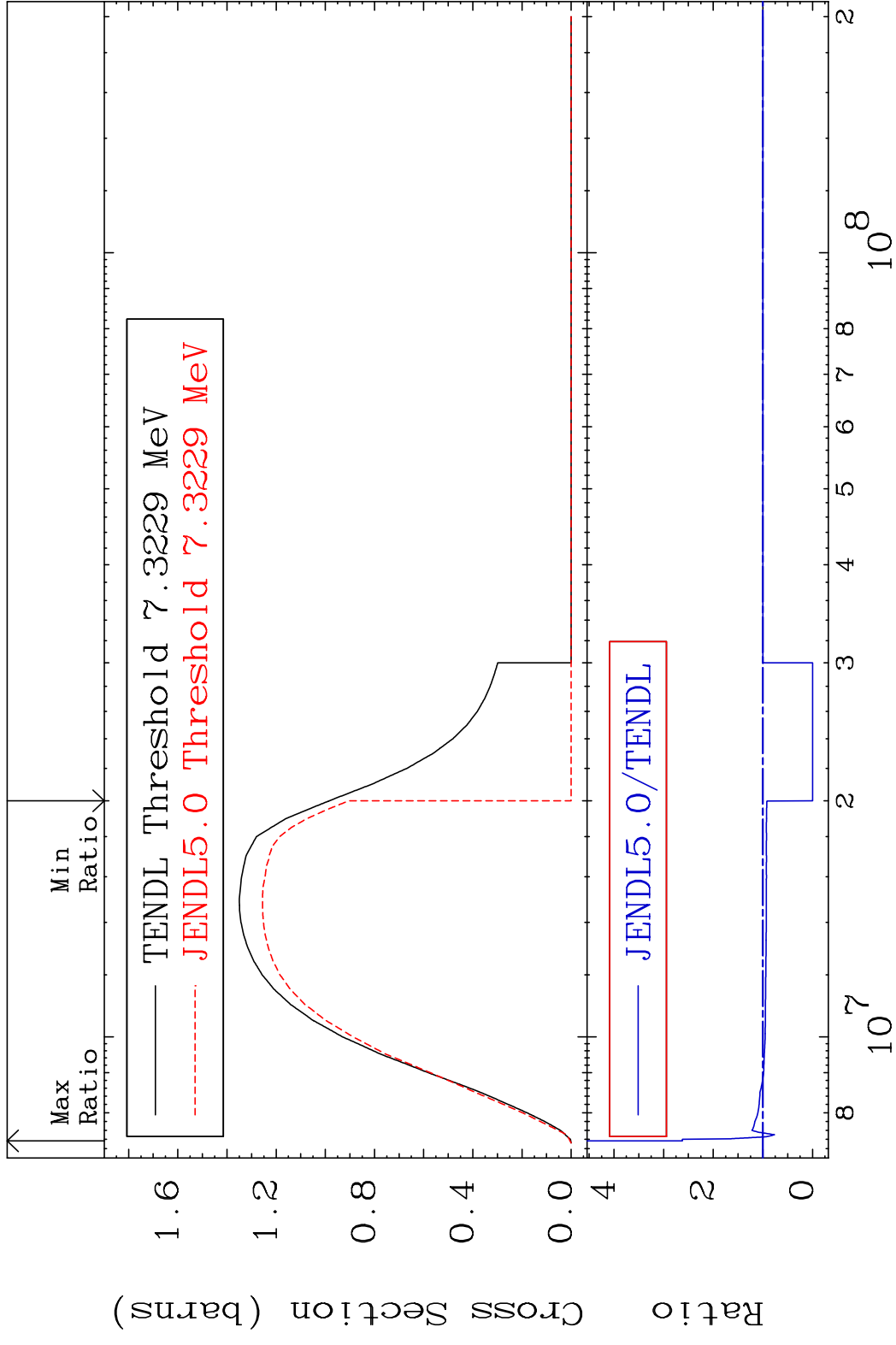


67 Incident Energy (eV) 47-Ag-108m

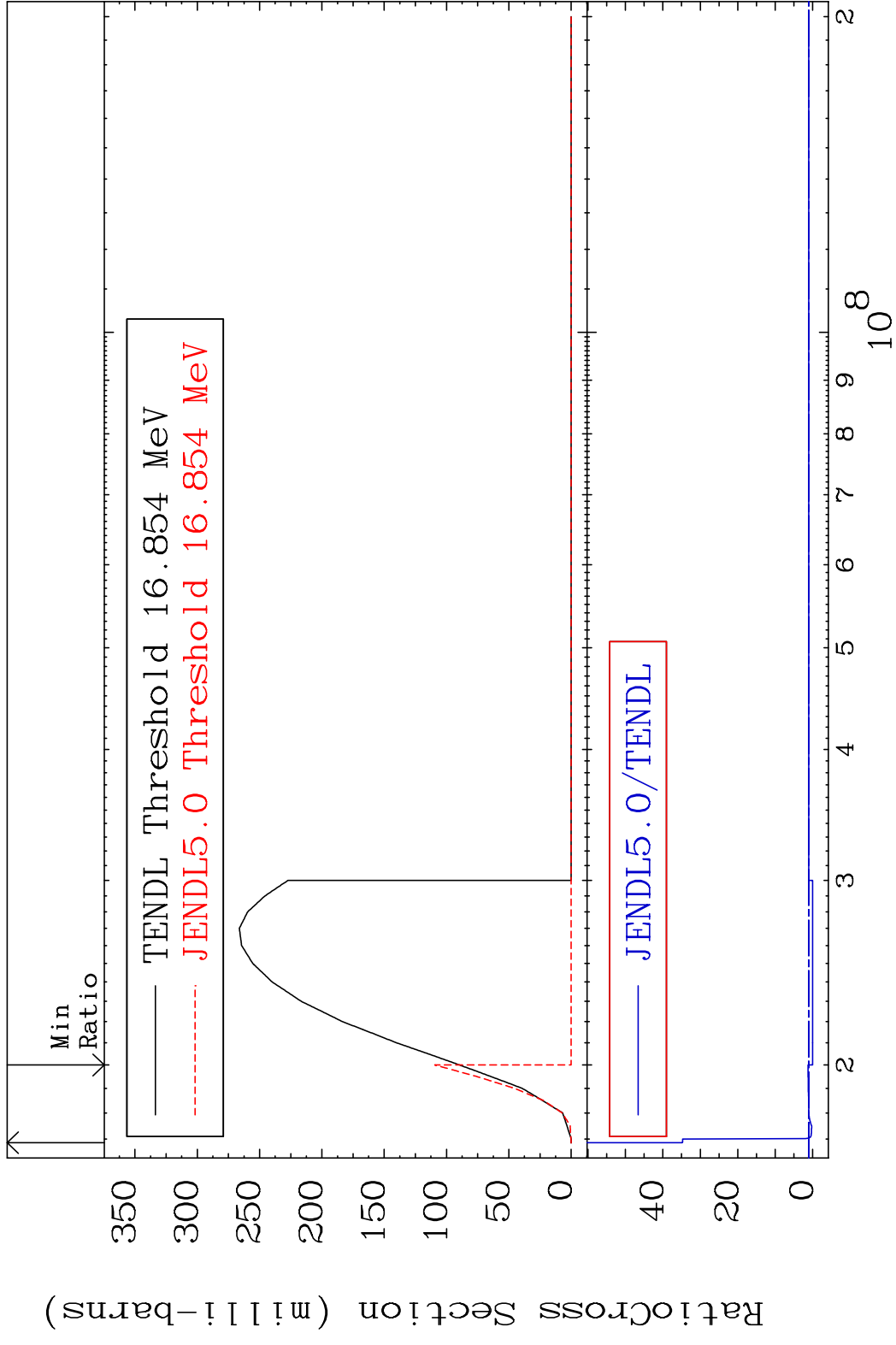
MAT 4729 (n,2n):47-Ag-107g 47-Ag-108m
 Radionuclide Production Cross Section Ratio 86.06 %



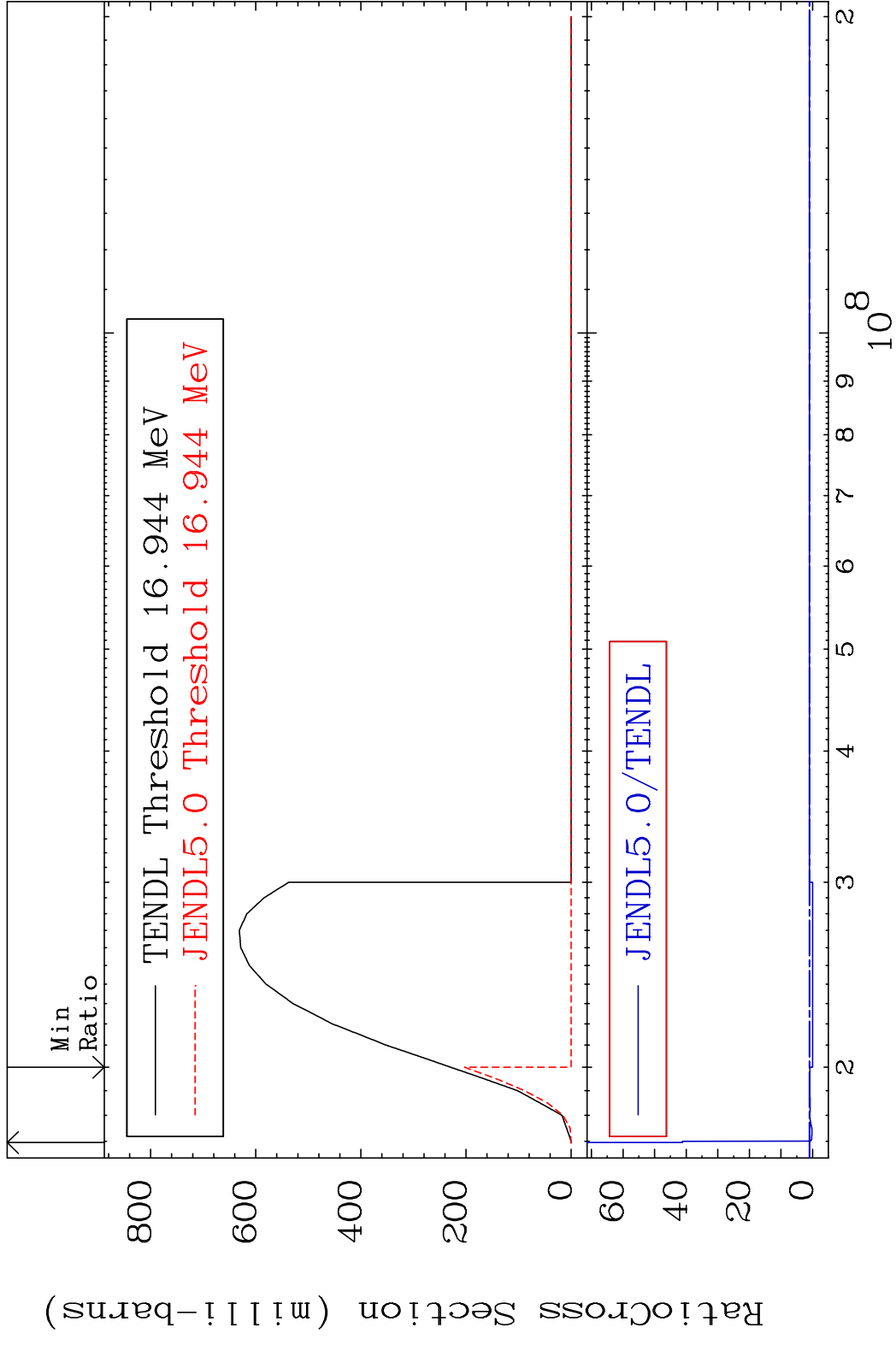
MAT 4729 (n, 2n) : 47-Ag-107m1 47-Ag-108m
 Radionuclide Production Cross Section Ratio 162.2 %

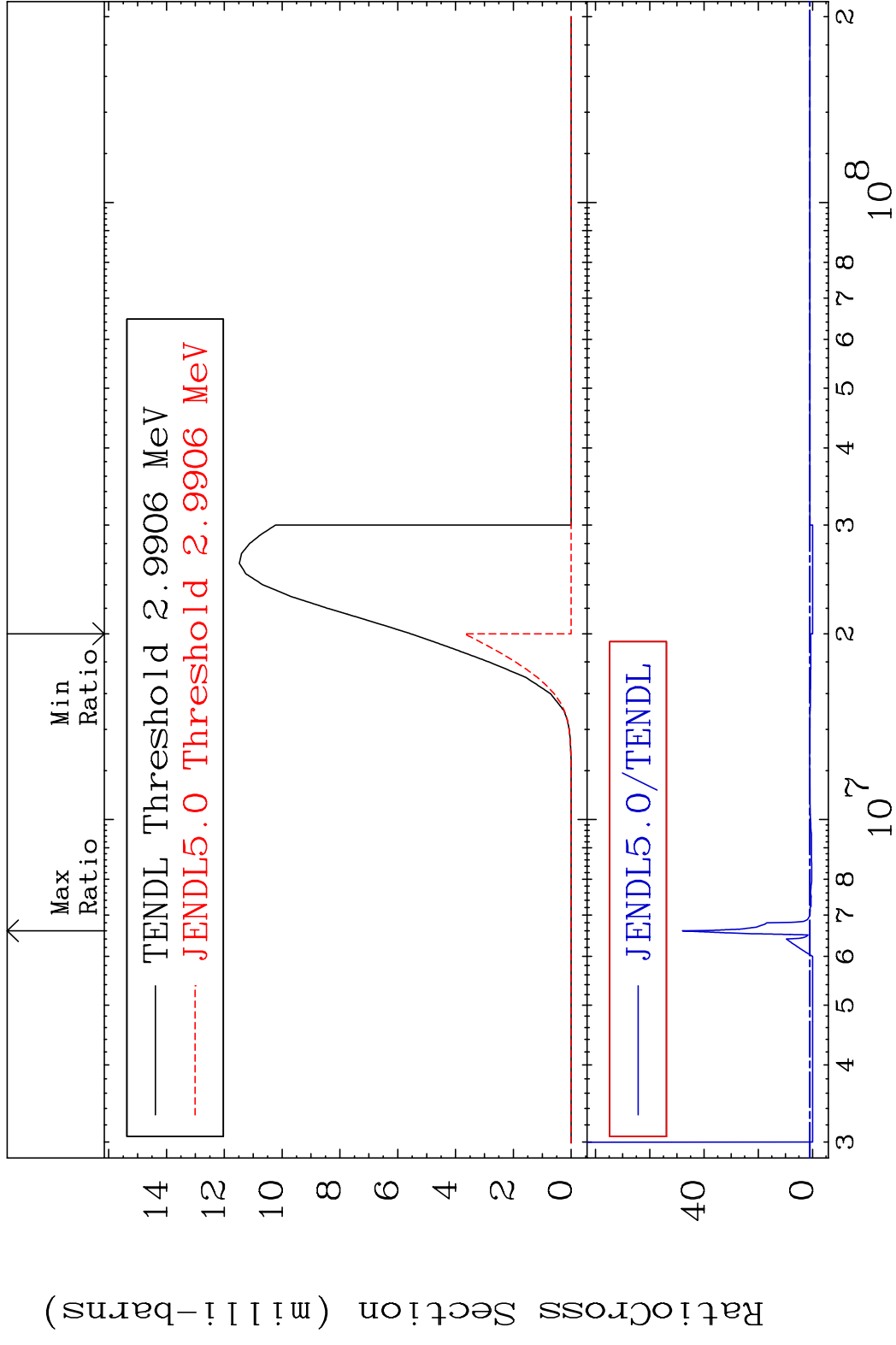


MAT 4729 (n,3n):47-Ag-106g 47-Ag-108m
 Radionuclide Production Cross Section to 3379. %

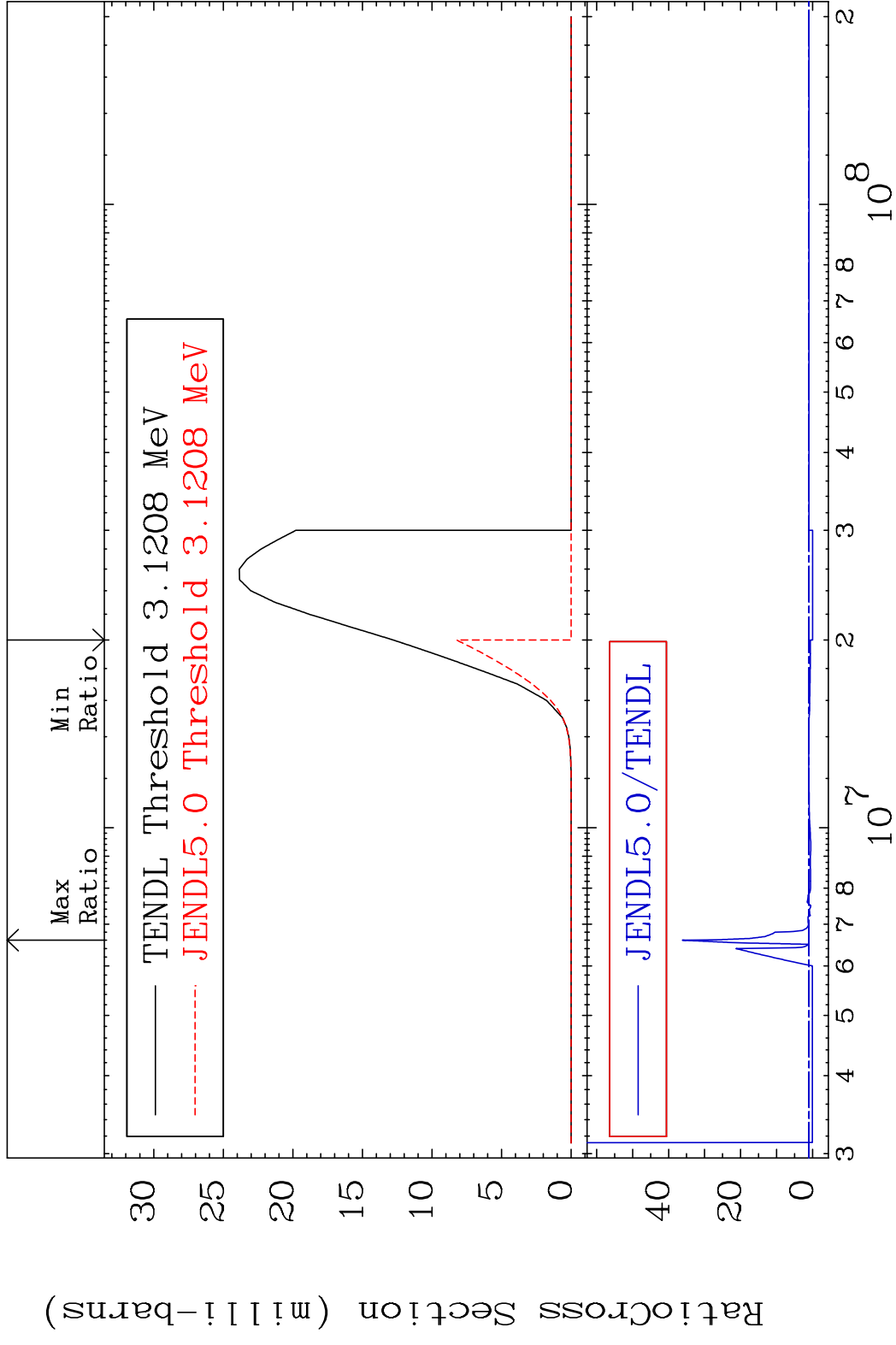


MAT 4729 (n, 3n) : 47-Ag-106m1 47-Ag-108m
 Radionuclide Production Cross Section Ratio 4022. %

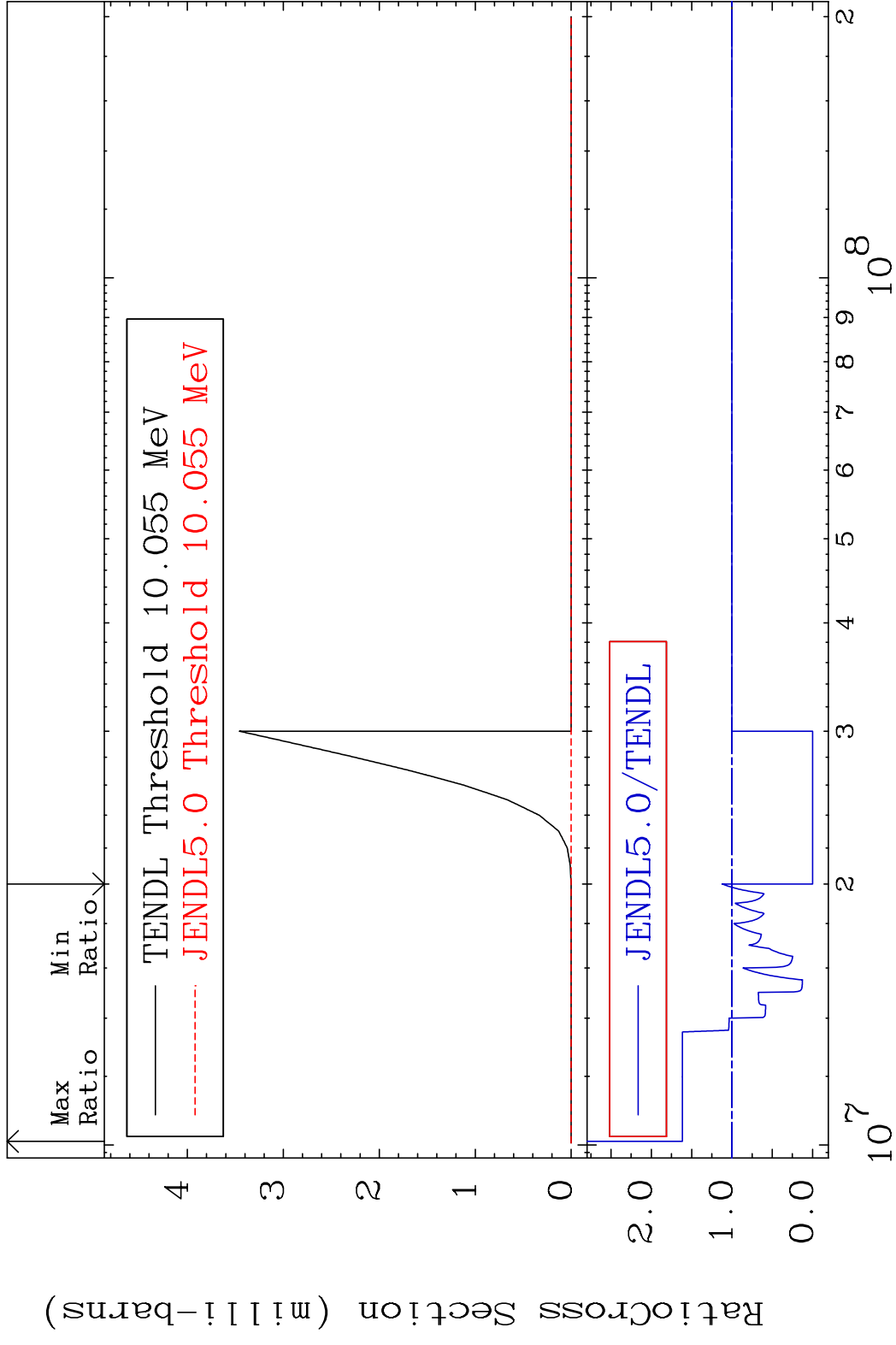




MAT 4729 (n, n') α :45-Rh-104m3 47-Ag-108m
 Radionuclide Production Cross Section to 3518. %

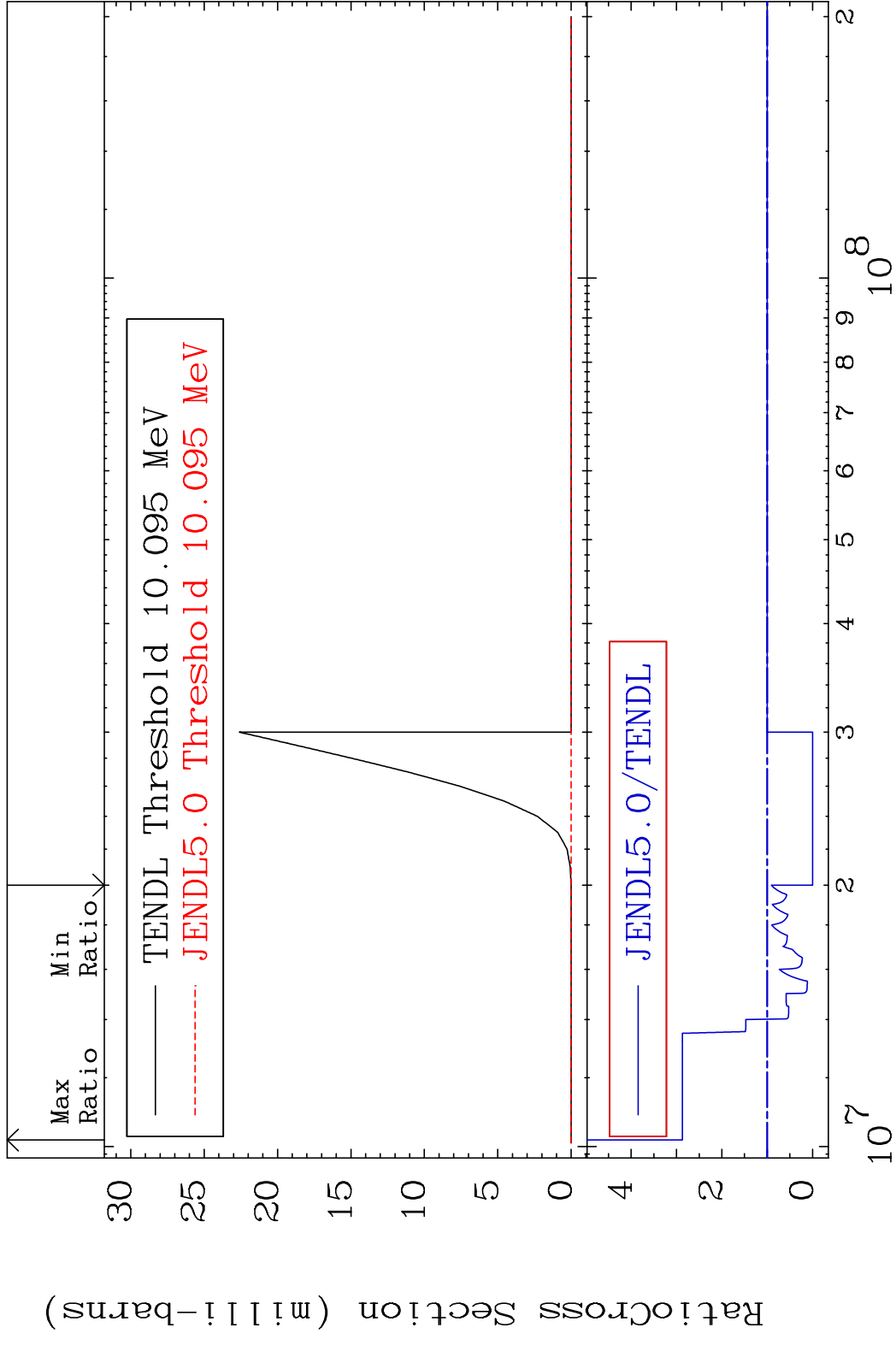


MAT 4729 (n,2n) α :45-Rh-103g 47-Ag-108m
 Radionuclide Production Cross Section Ratio 61.52 %



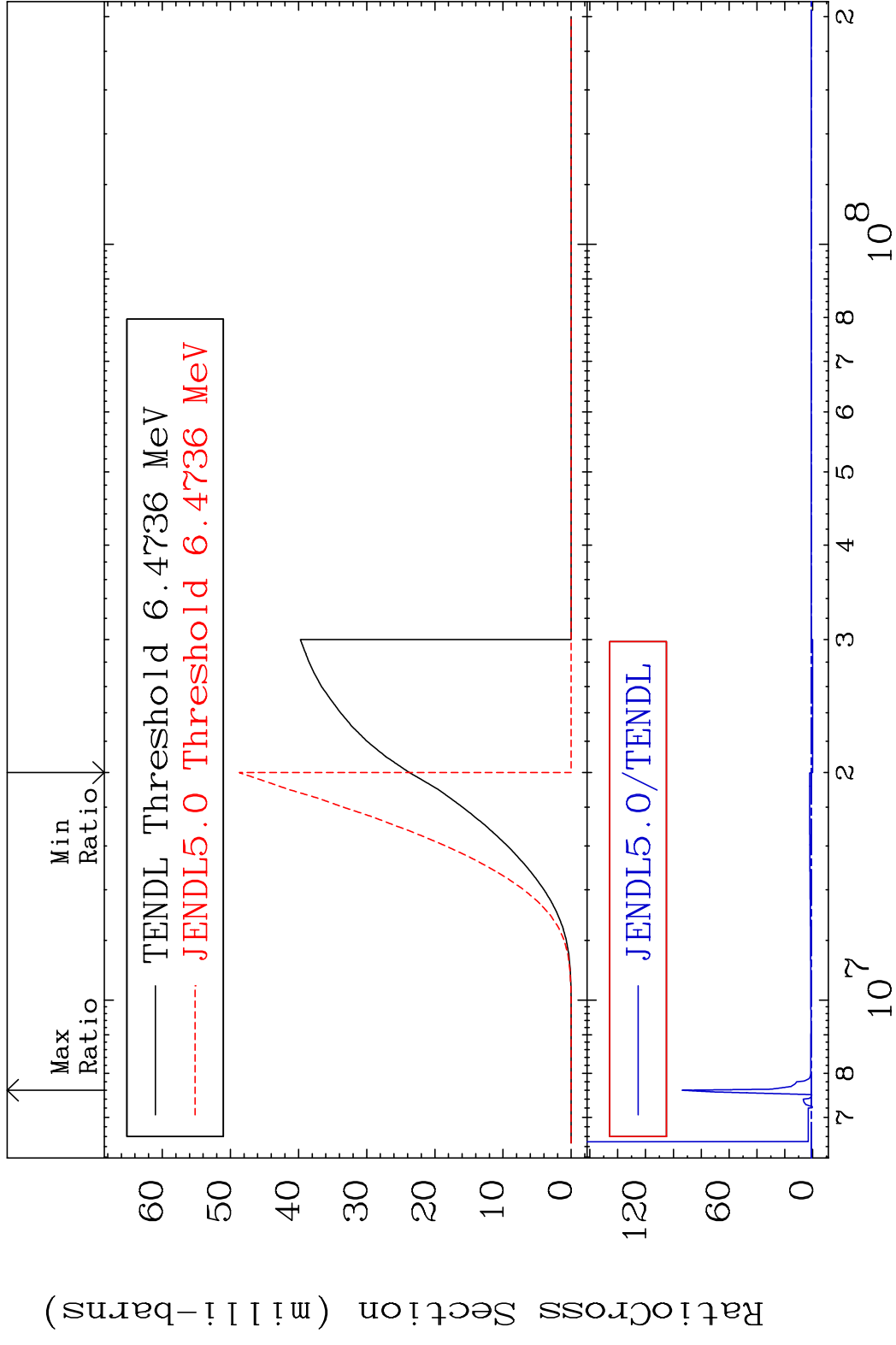
74 Incident Energy (eV) 47-Ag-108m

MAT 4729 (n,2n) α :45-Rh-103m1 47-Ag-108m
 Radionuclide Production Cross Section 187.1 %

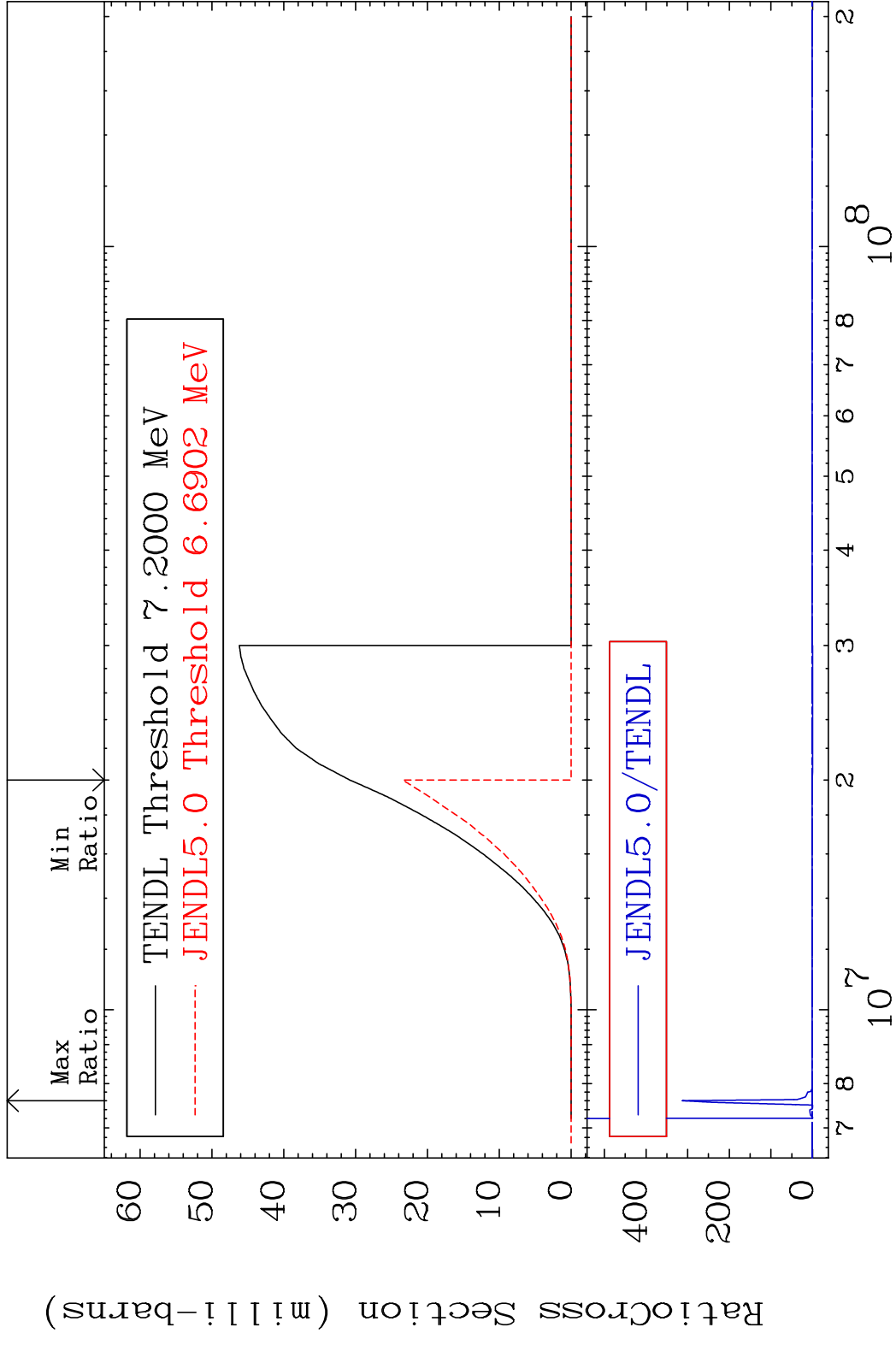


75 Incident Energy (eV) 47-Ag-108m

MAT 4729 (n, n') p:46-Pd-107g 47-Ag-108m
 Radionuclide Production Cross Section to Incident Ratio 9256. %

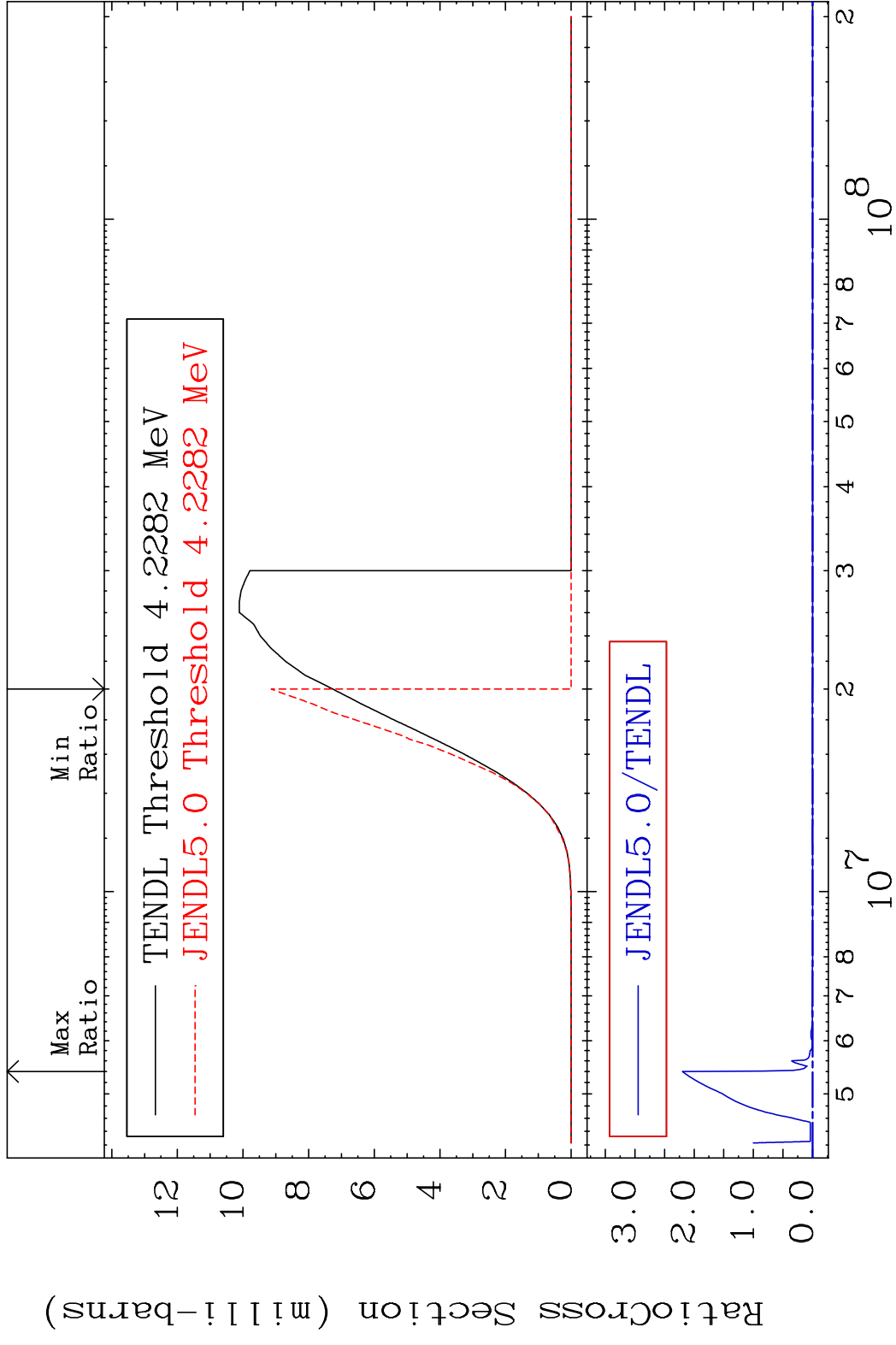


MAT 4729 (n, n') p:46-Pd-107m2 47-Ag-108m
 Radionuclide Production Cross Section to Incident Ratio 9999. %

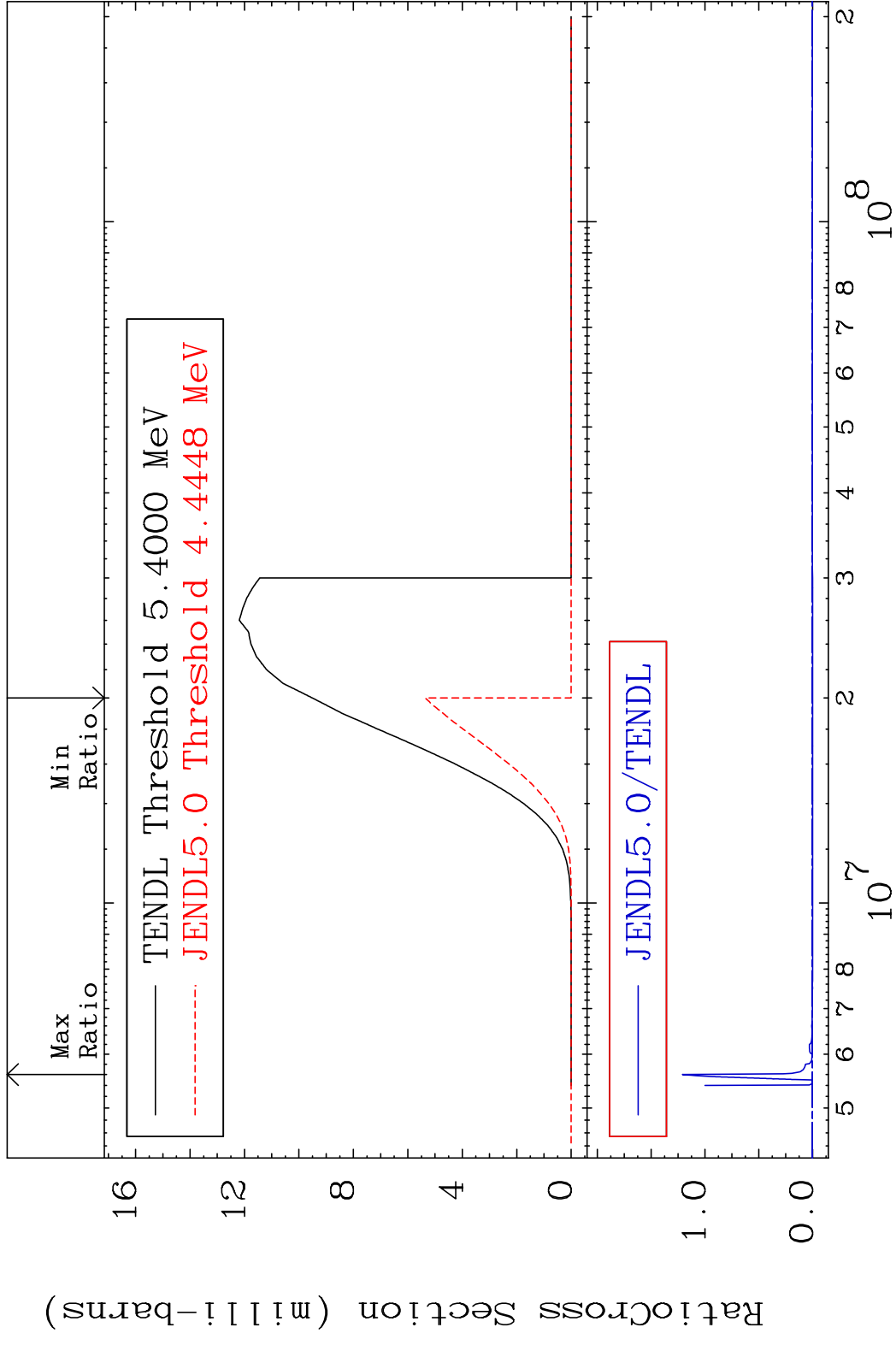


77 Incident Energy (eV) 47-Ag-108m

MAT 4729 (n, d): 46-Pd-107g 47-Ag-108m
 Radionuclide Production Cross Section (%)

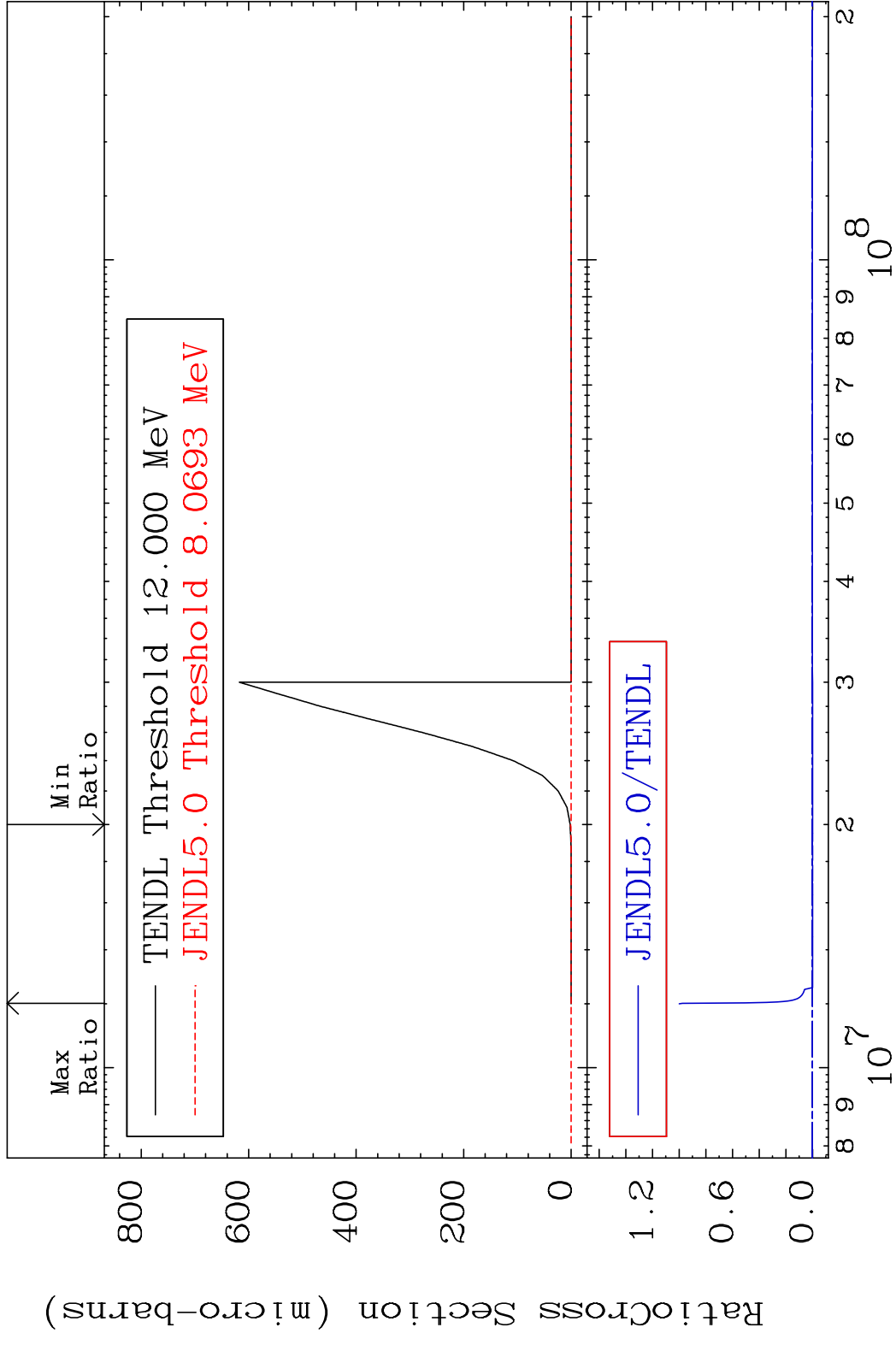


MAT 4729 (n, d): 46-Pd-107m2 47-Ag-108m
 Radionuclide Production Cross Section 100.00 %



79 Incident Energy (eV) 47-Ag-108m

MAT 4729 (n, He-3):45-Rh-106g 47-Ag-108m
 Radionuclide Production Cross Section Ratio 9999. %



80 Incident Energy (eV) 47-Ag-108m

