

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

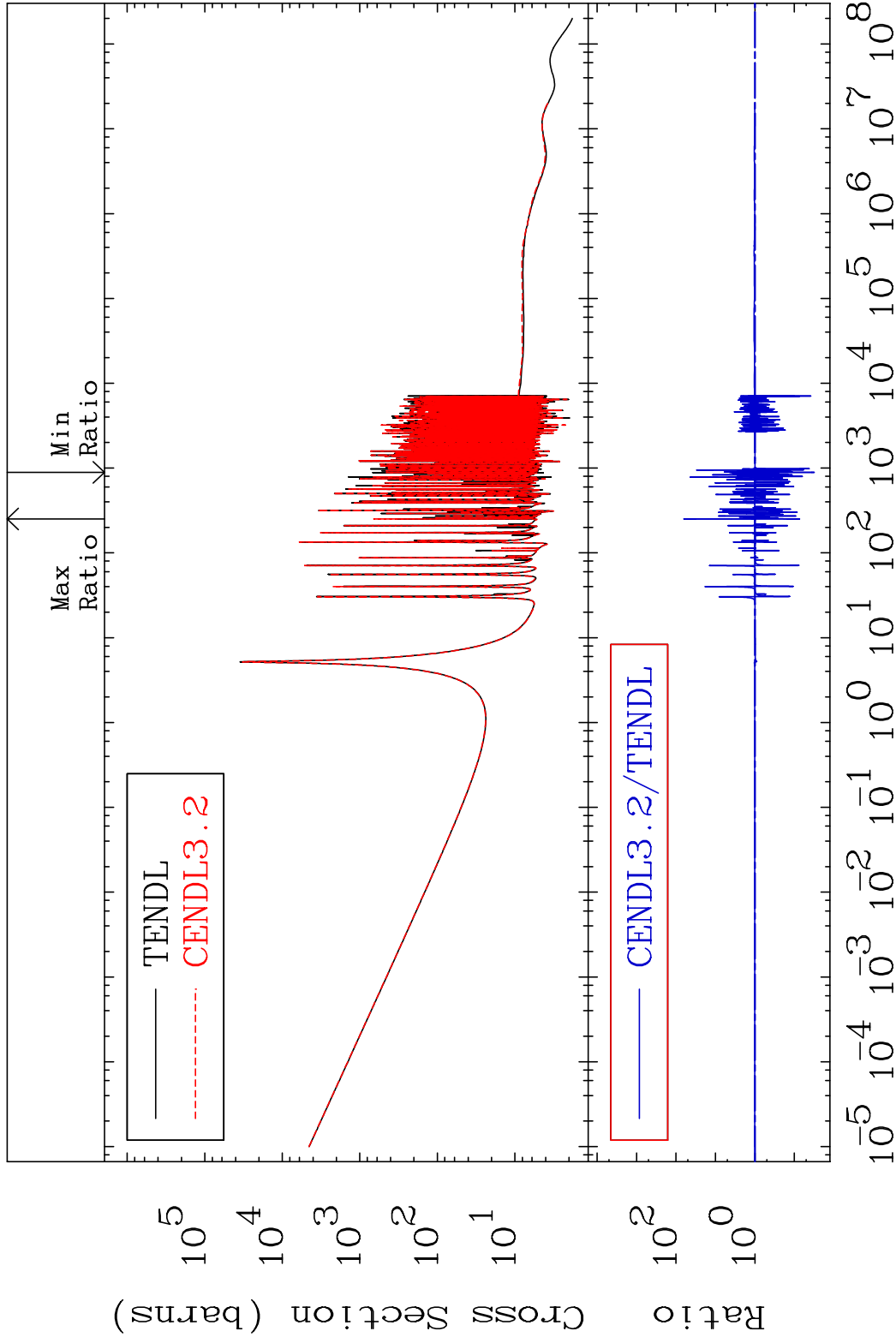
MAT 4731

Total

47-Ag-109

Cross Section

-96.85 To 6296. %



1

Incident Energy (eV)

47-Ag-109

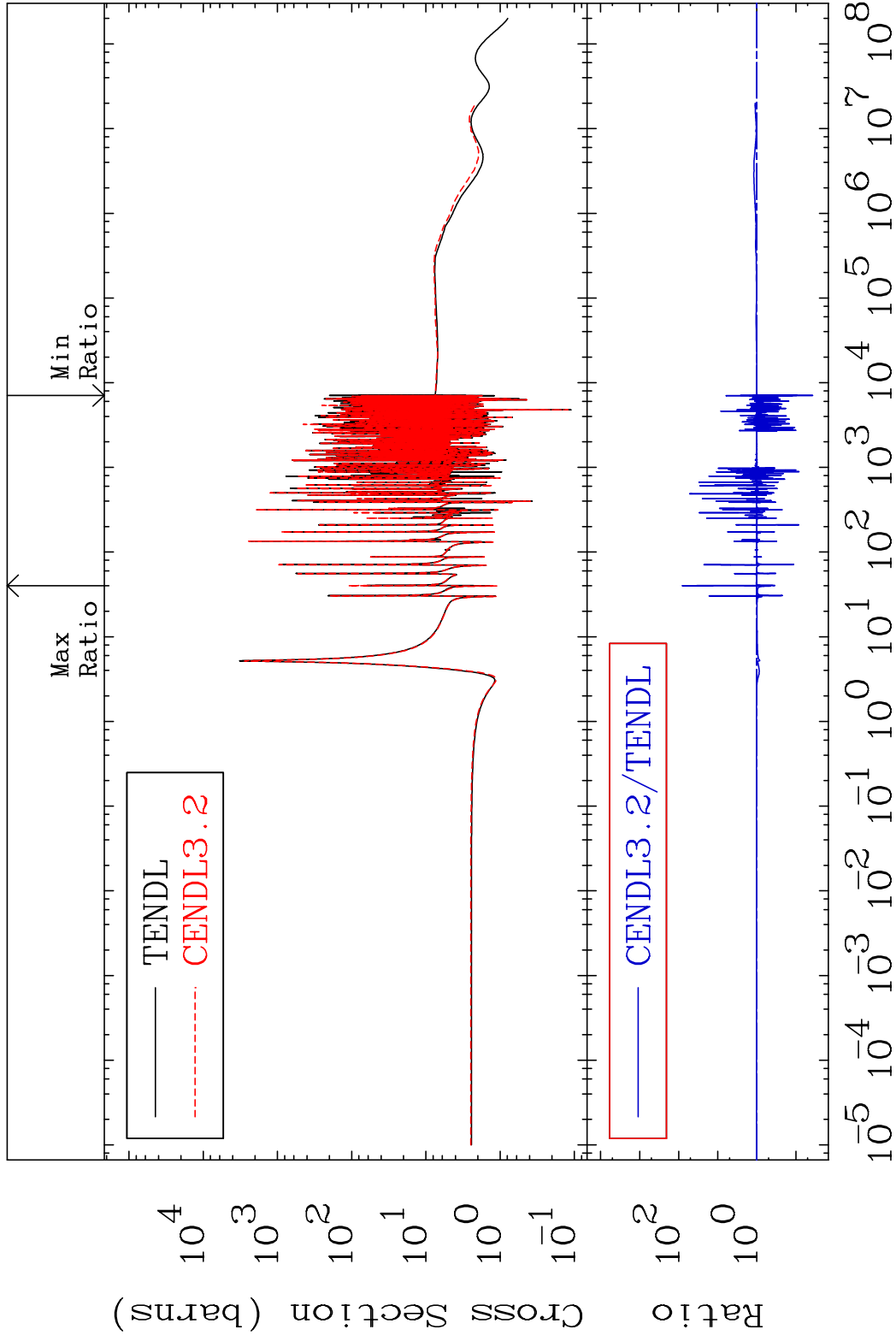
MAT 4731

Elastic

47-Ag-109

Cross Section

-96.26 To 7959. %



2

Incident Energy (eV)

47-Ag-109

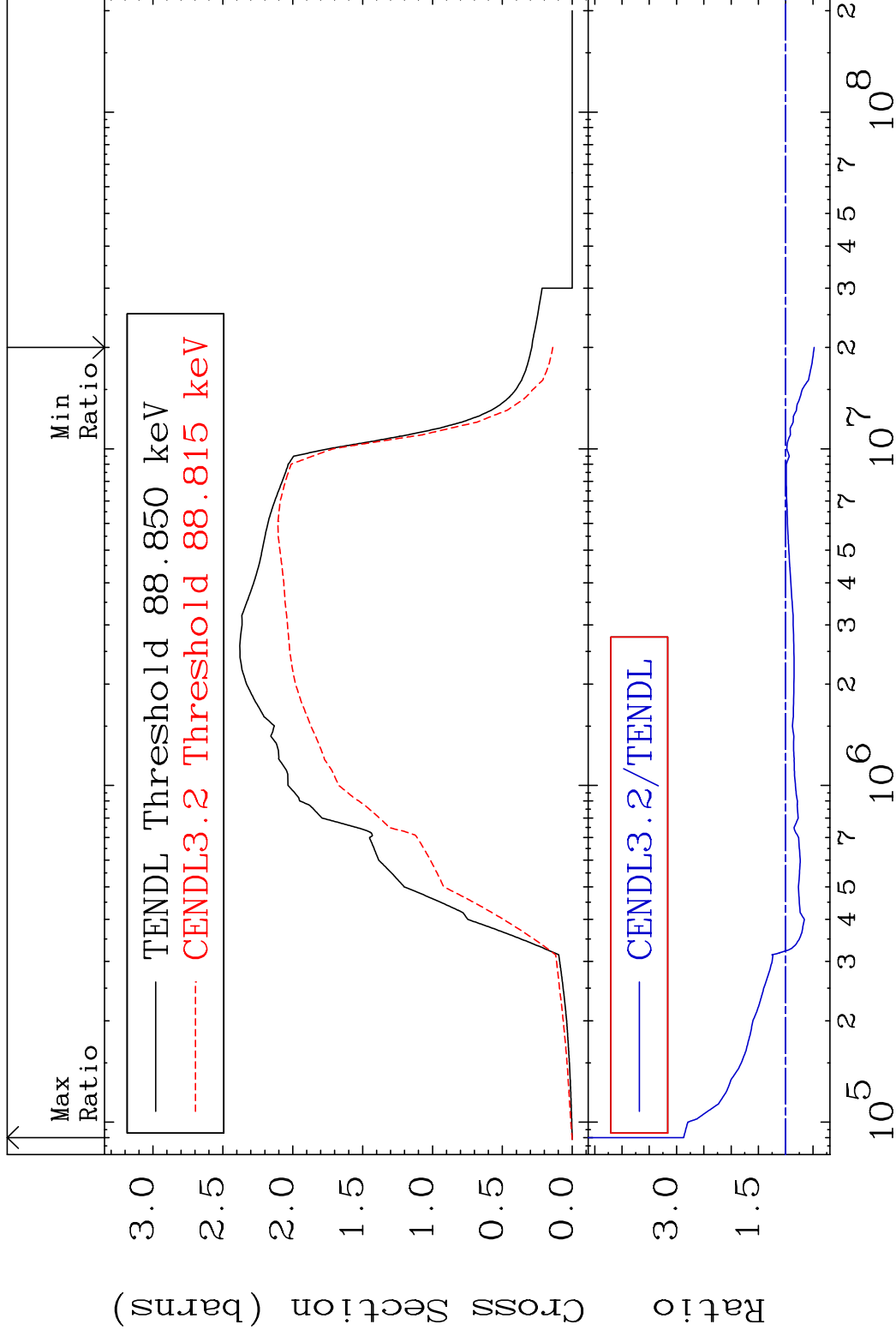
MAT 4731

Inelastic

47-Ag-109

Cross Section

-52.07 To 187.0 %



3

Incident Energy (eV)

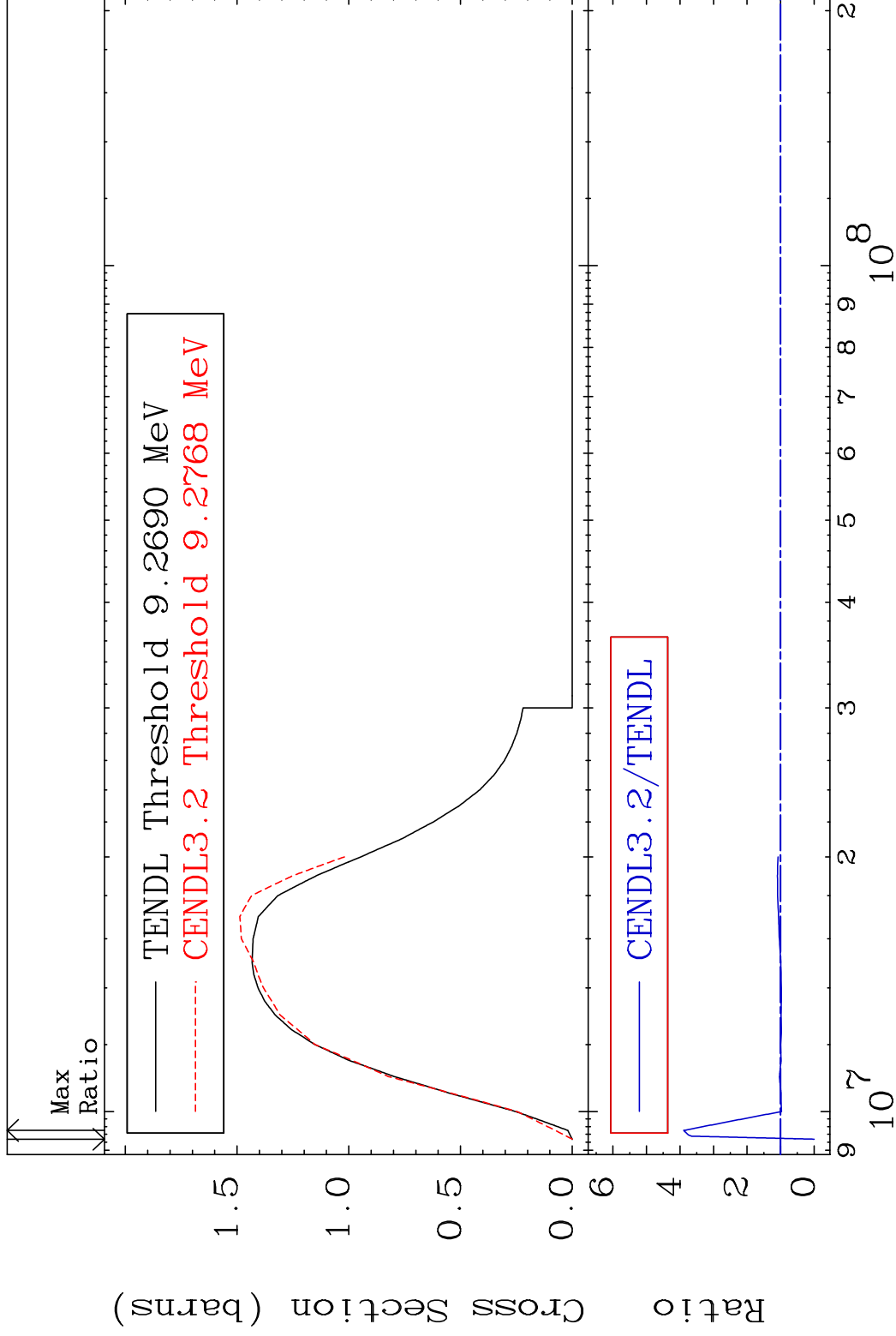
47-Ag-109

MAT 4731

(n,2n)

47-Ag-109

Cross Section -100.0 To 289.0 %



4

Incident Energy (eV)

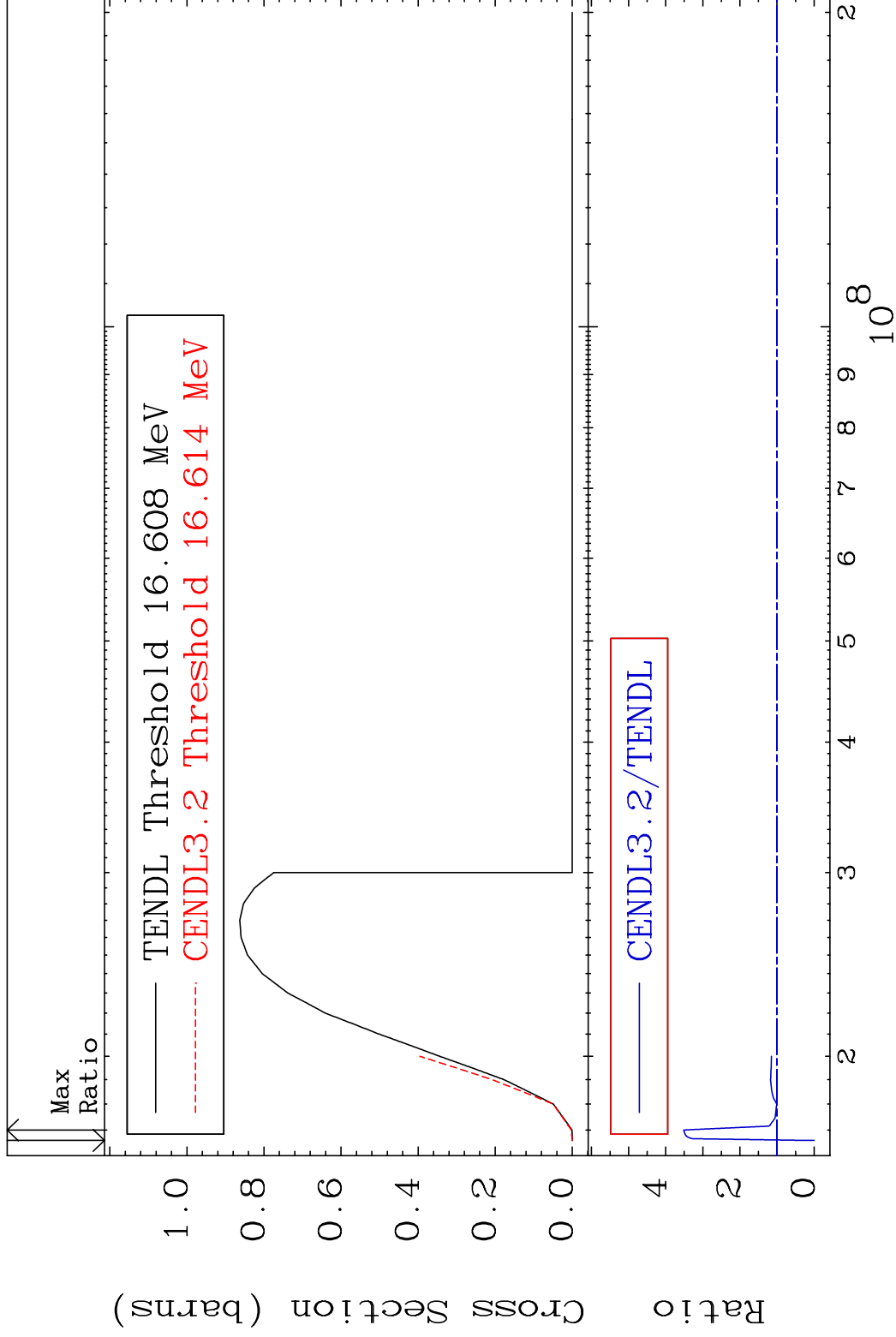
47-Ag-109

MAT 4731

(n,3n)

47-Ag-109

Cross Section -100.0 To 251.6 %



5

Incident Energy (eV)

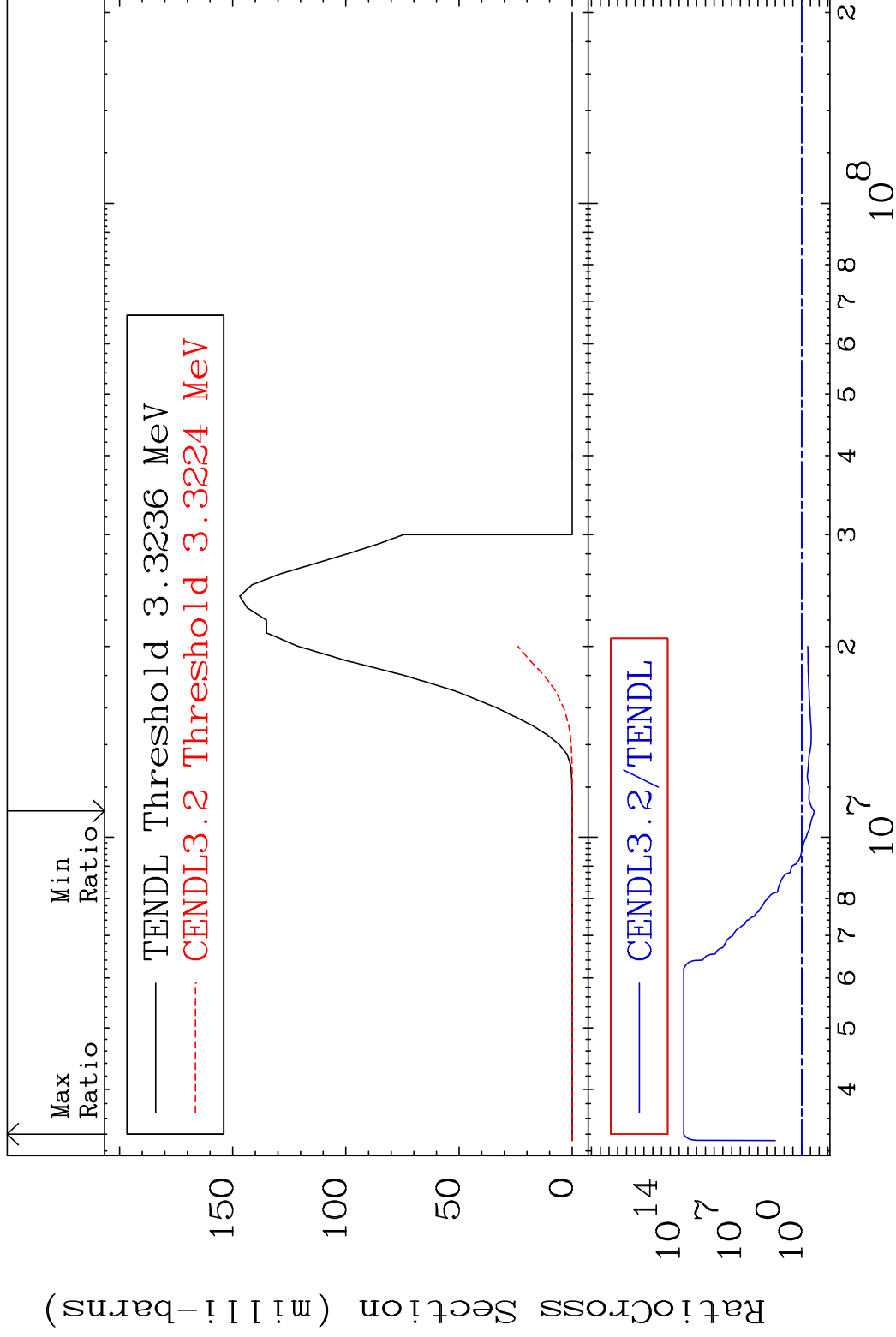
47-Ag-109

MAT 4731

(n, n') α

47-Ag-109

Cross Section -96.22 To 9999. %



6

Incident Energy (eV)

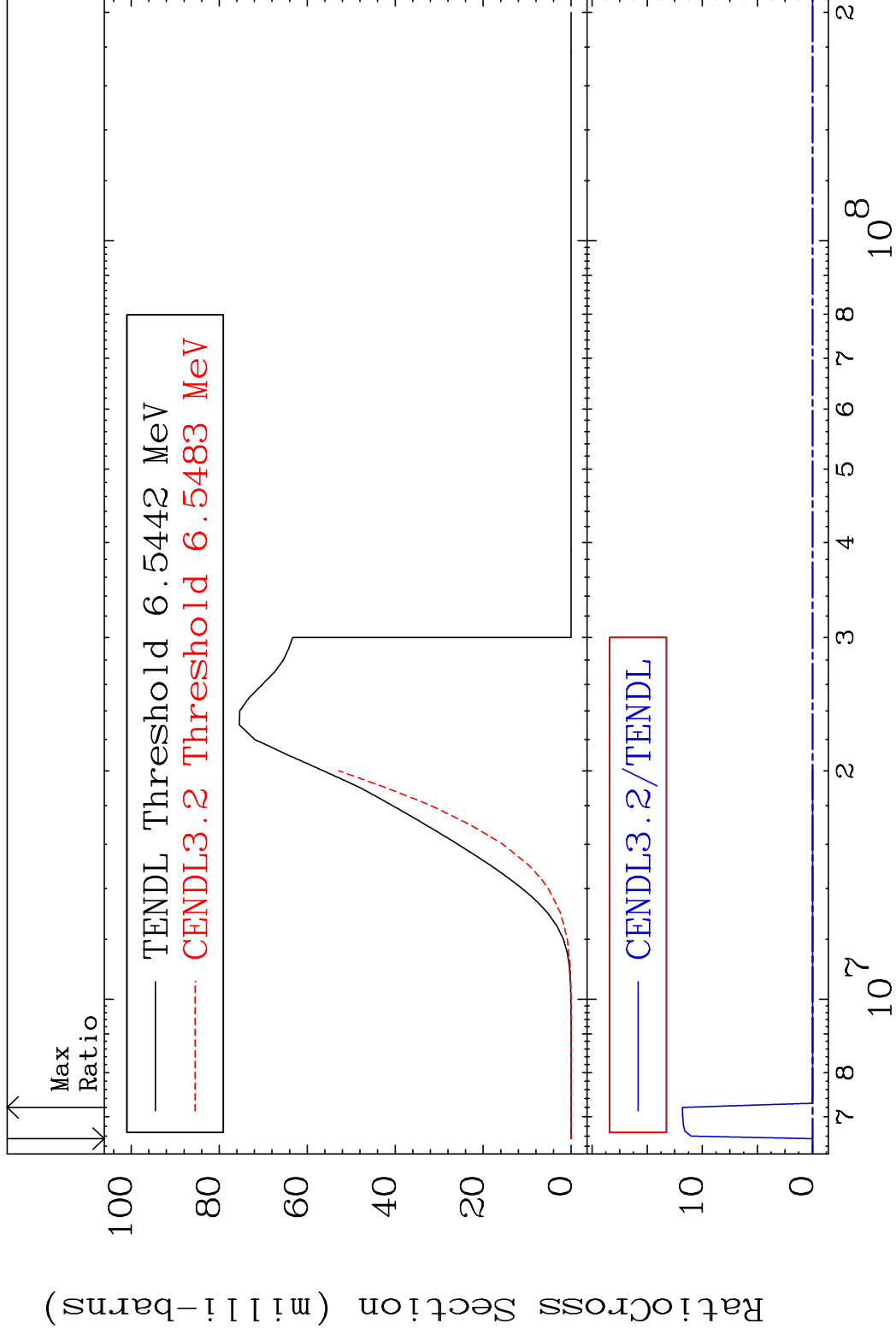
47-Ag-109

MAT 4731

(n, n') p

47-Ag-109

Cross Section -100.0 To 9999. %

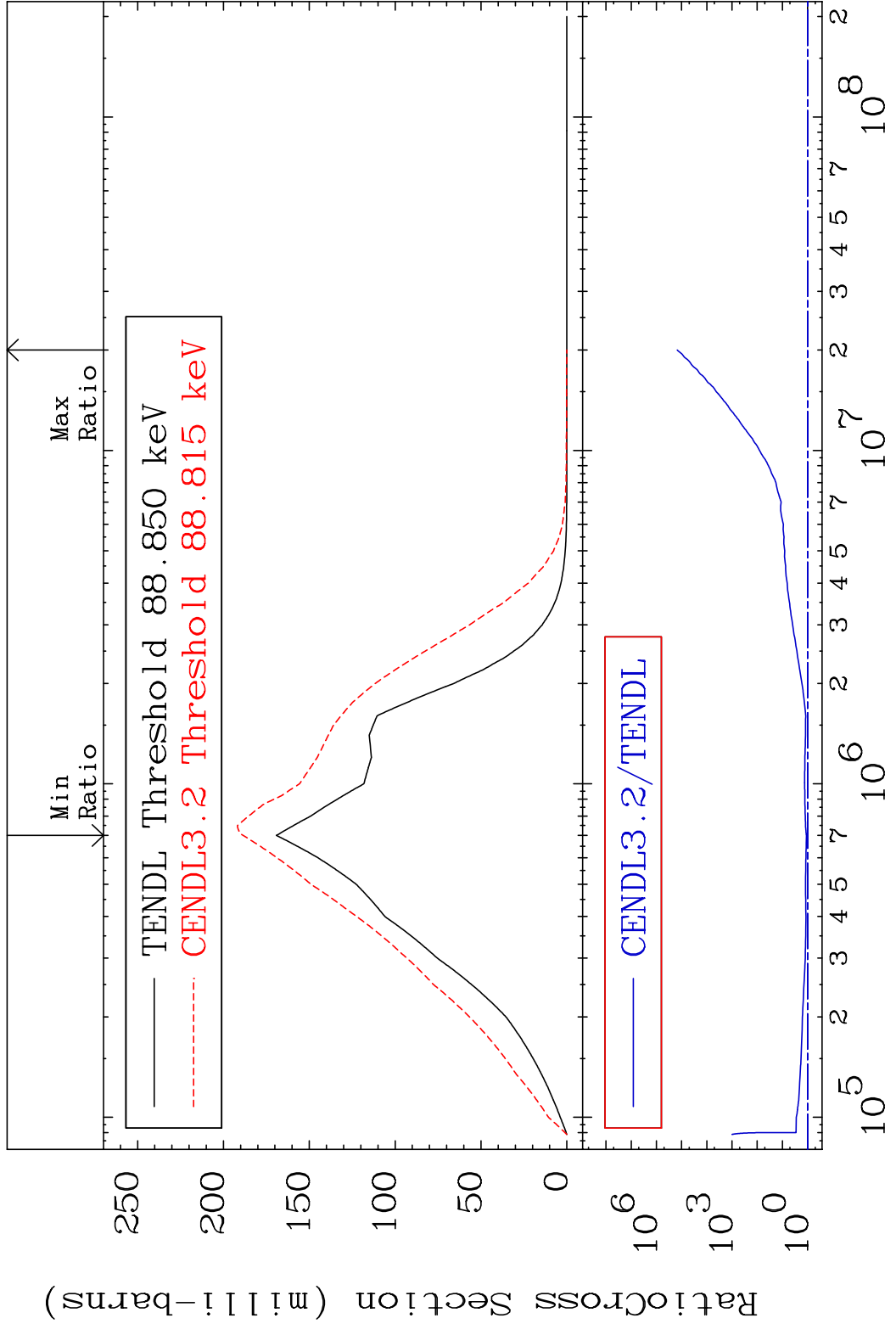


7

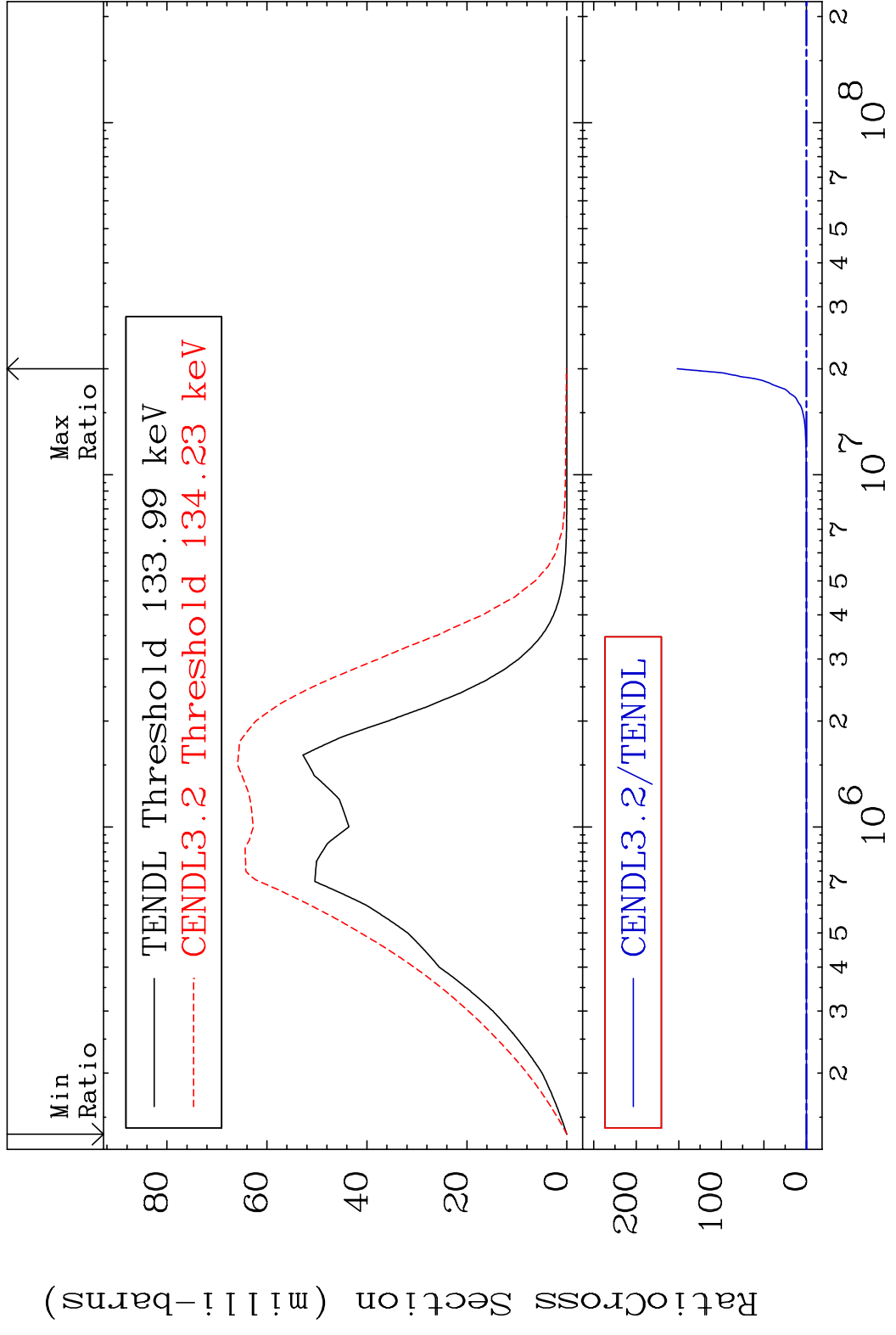
Incident Energy (eV)

47-Ag-109

MAT 4731 MT= 51 (n, n') Level 47-Ag-109
 Cross Section 11.45 To 9999. %



MAT 4731 MT= 52 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 9999. %

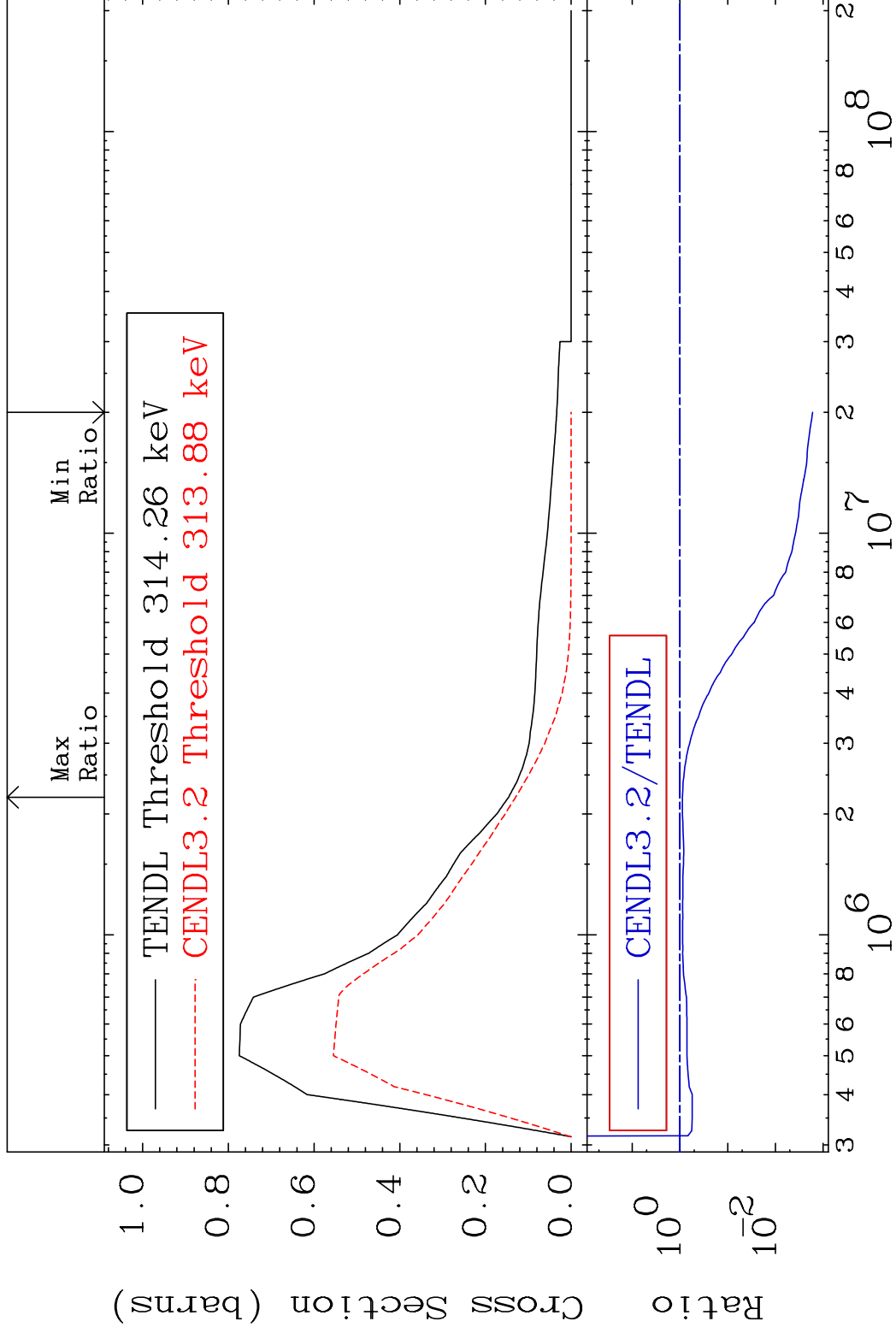


MAT 4731

MT= 53 (n, n') Level

47-Ag-109

Cross Section -99.83 To -11.06%

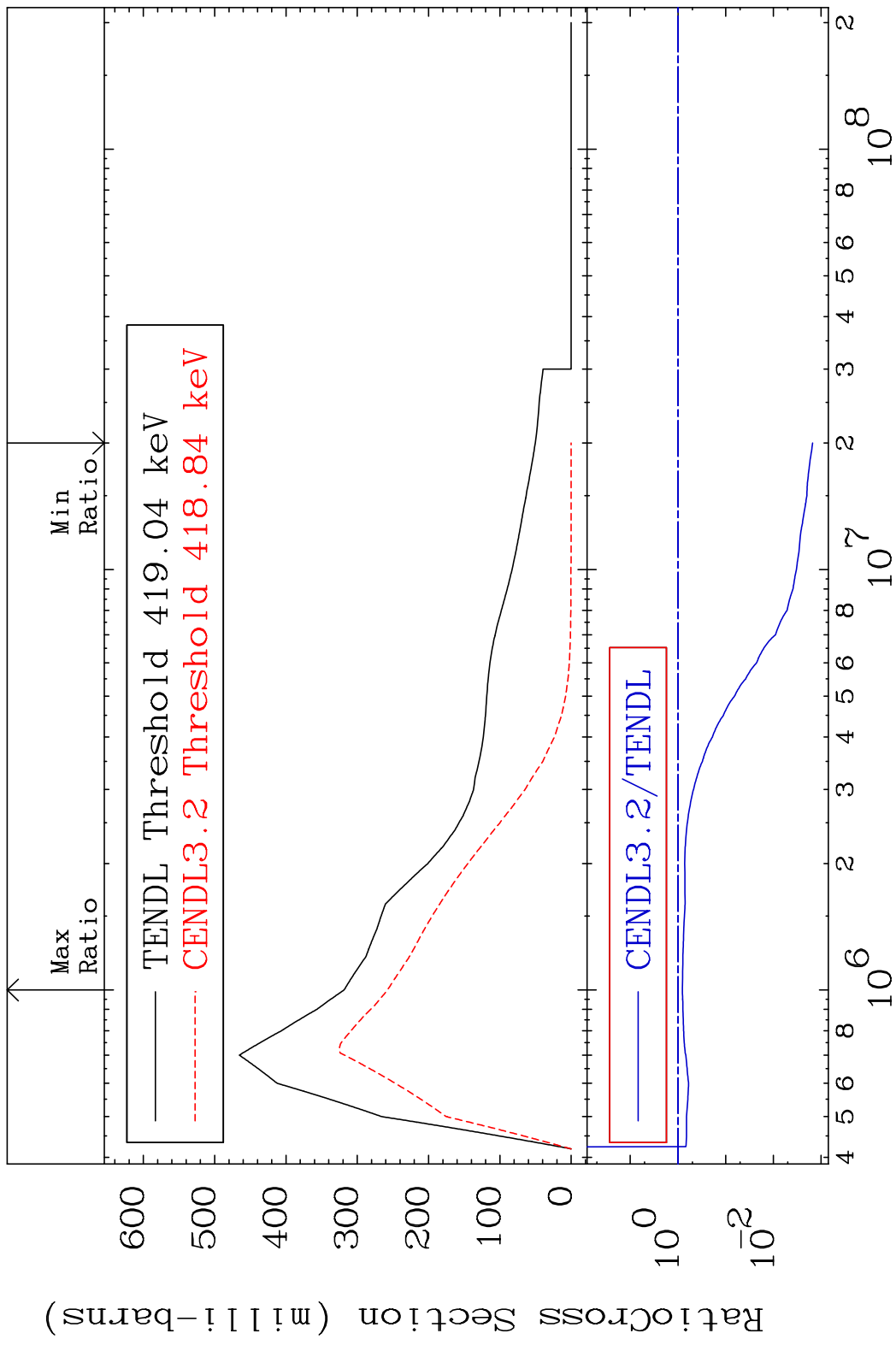


10

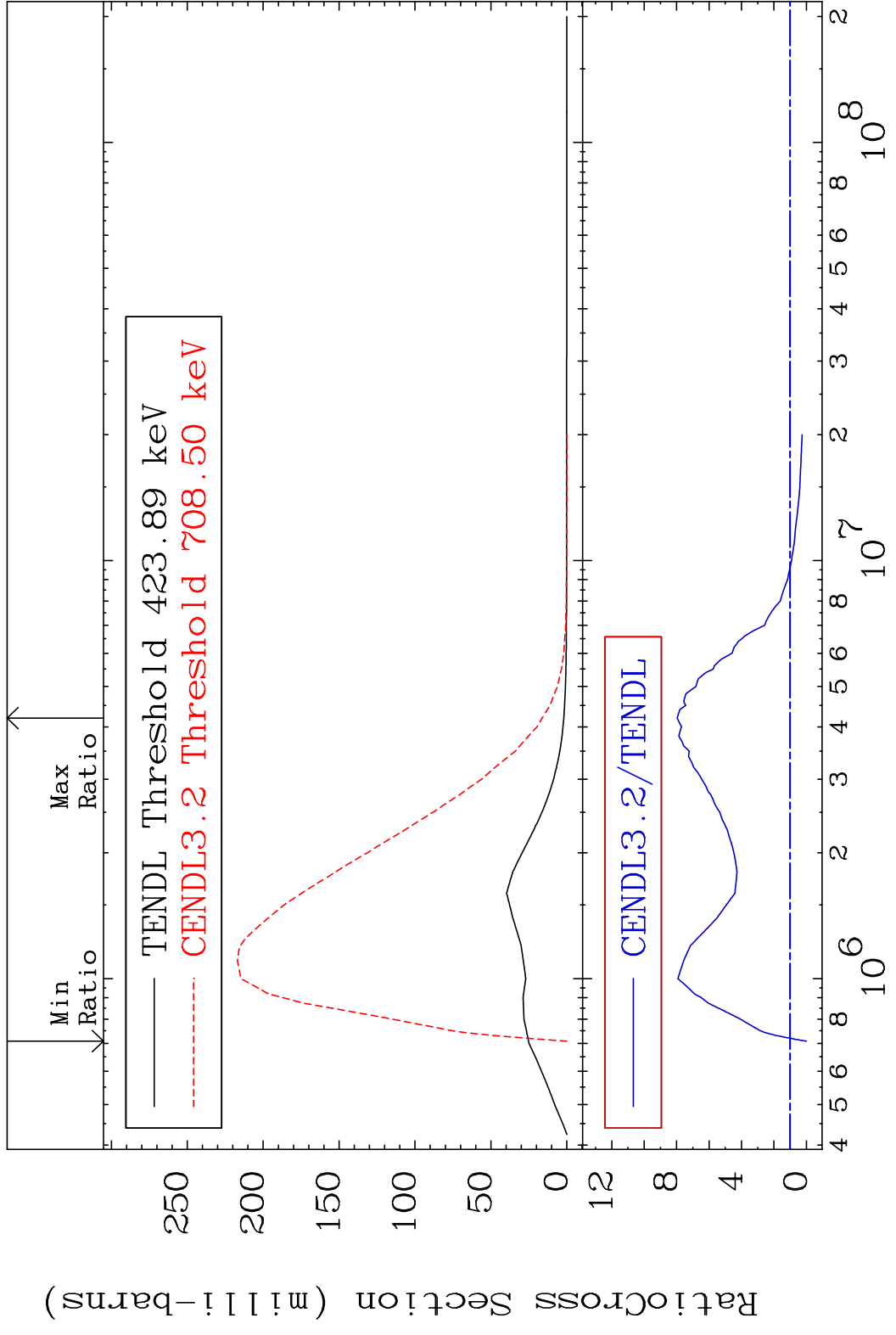
Incident Energy (eV)

47-Ag-109

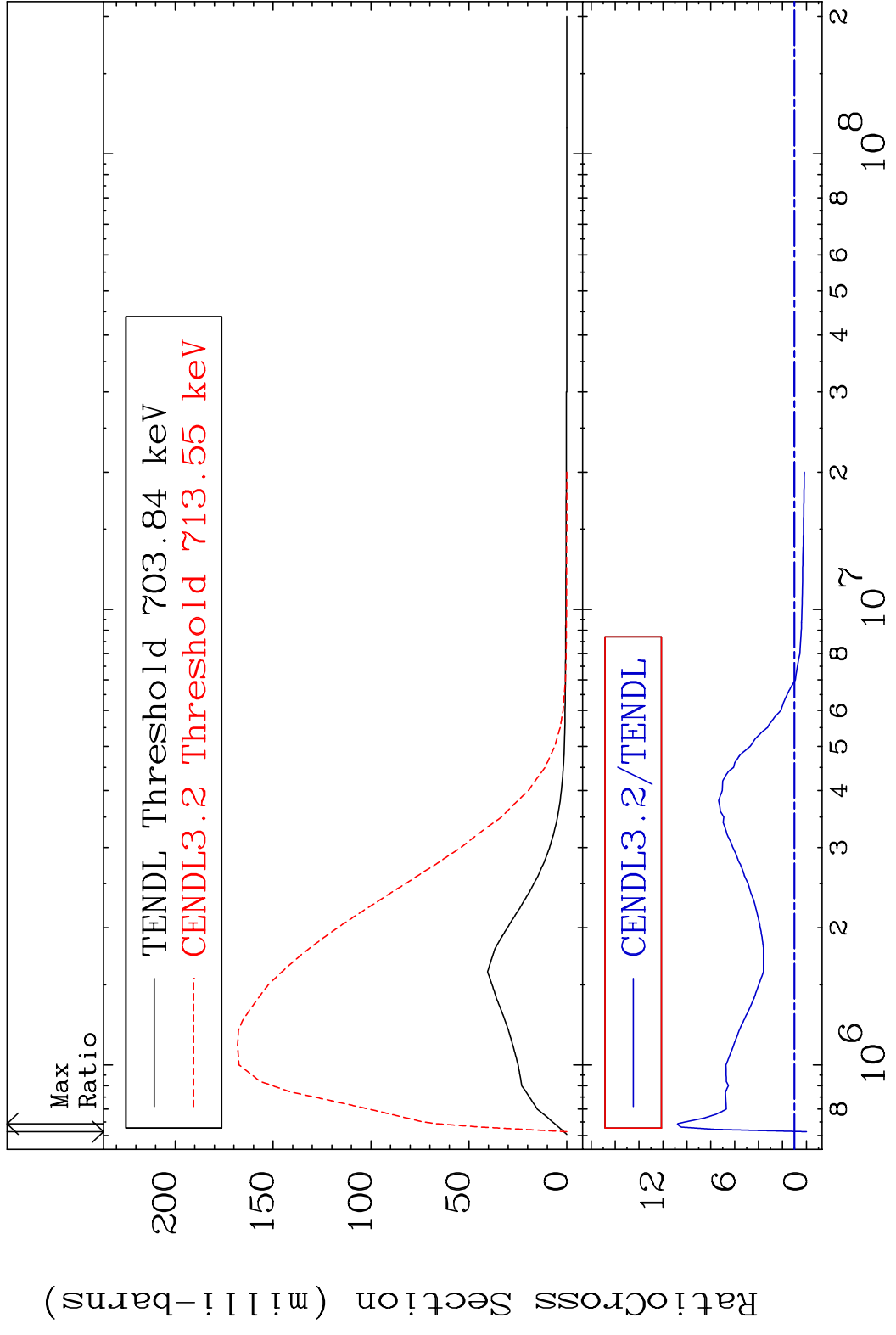
MAT 4731 MT= 54 (n, n') Level 47-Ag-109
 Cross Section -99.85 To -19.14%



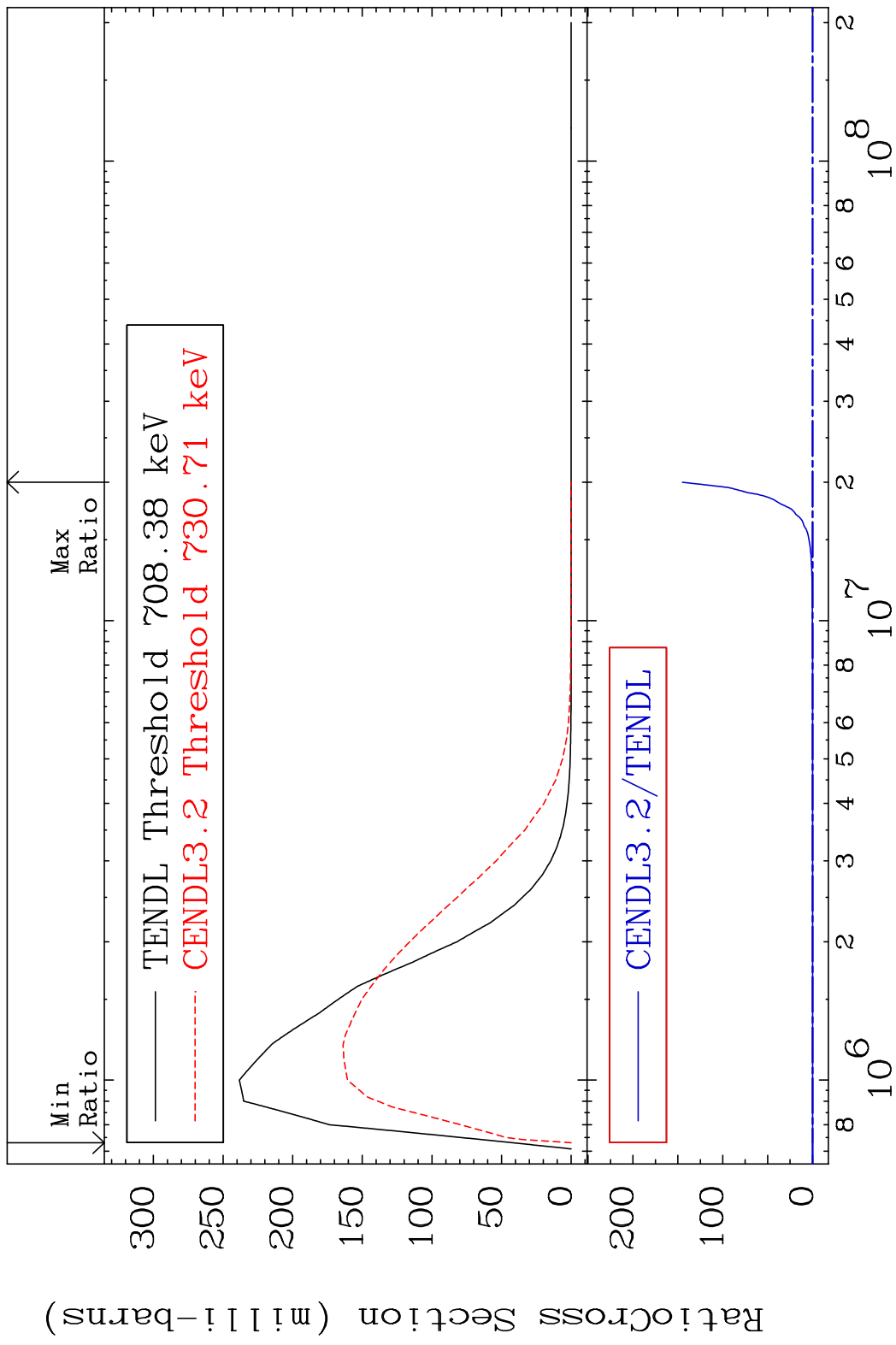
MAT 4731 MT= 55 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 696.5 %



MAT 4731 MT= 56 (n,n') Level 47-Ag-109
 Cross Section -100.0 To 980.7 %

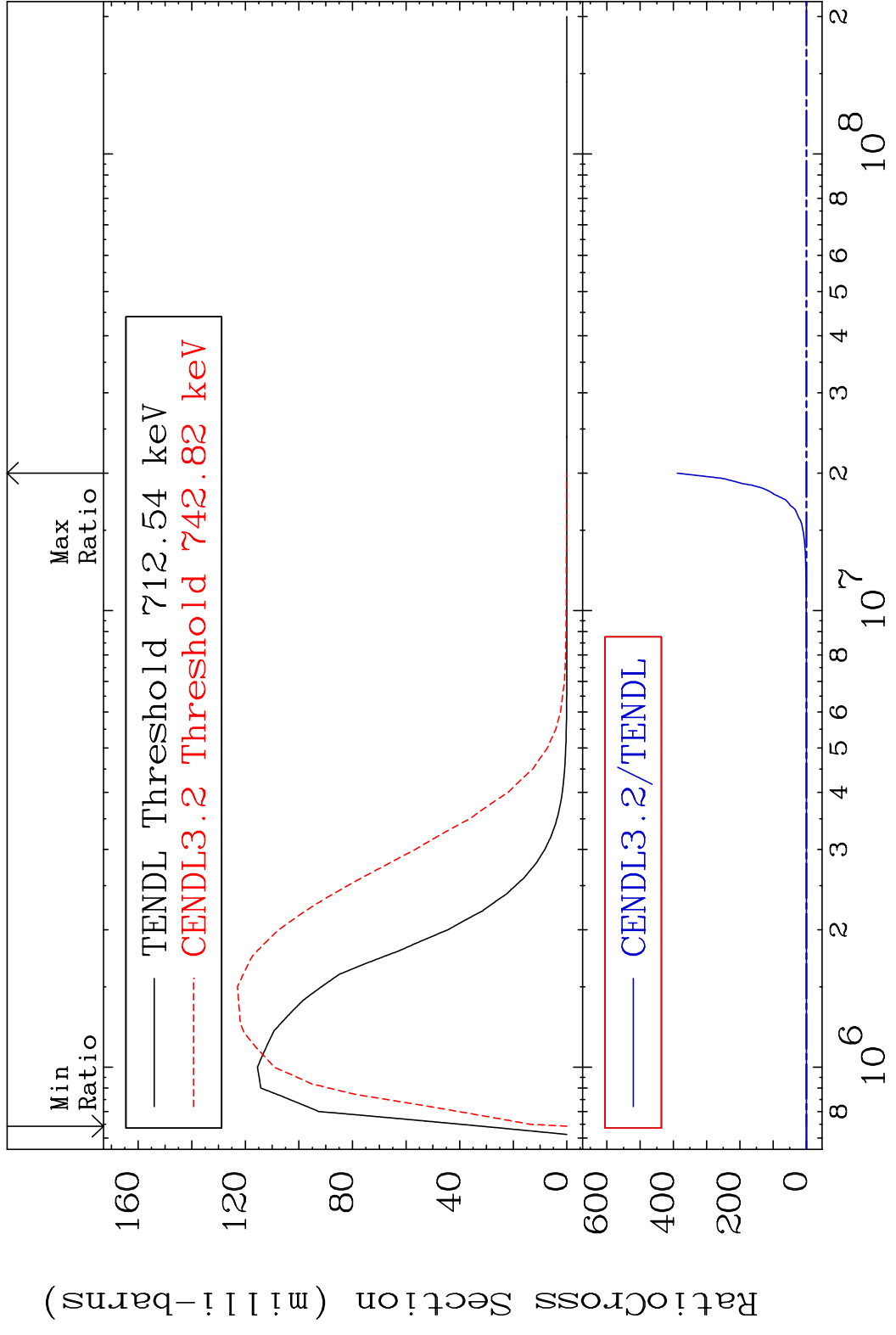


MAT 4731 MT= 57 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 9999. %

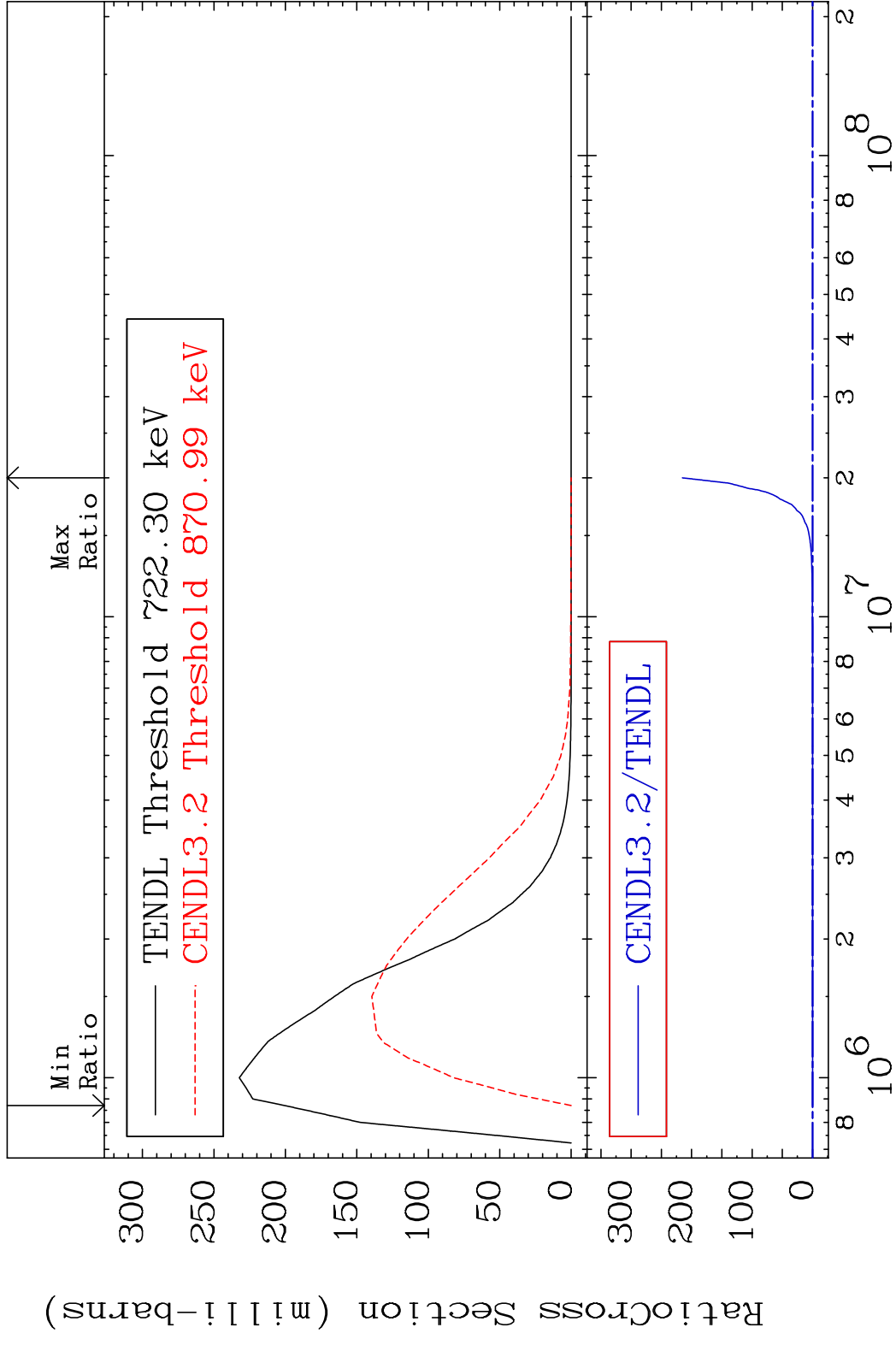


14 Incident Energy (eV) 47-Ag-109

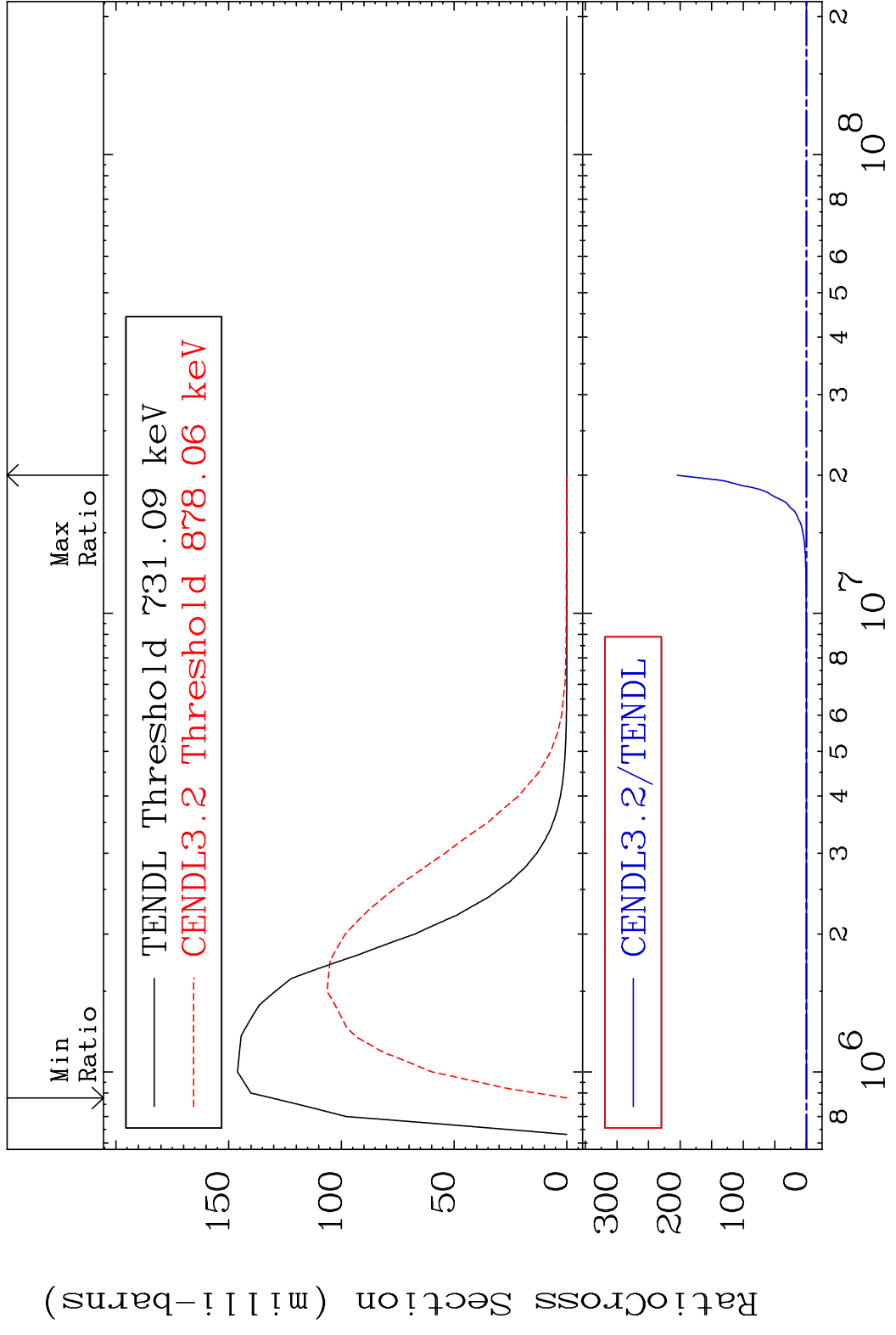
MAT 4731 MT= 58 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 9999. %



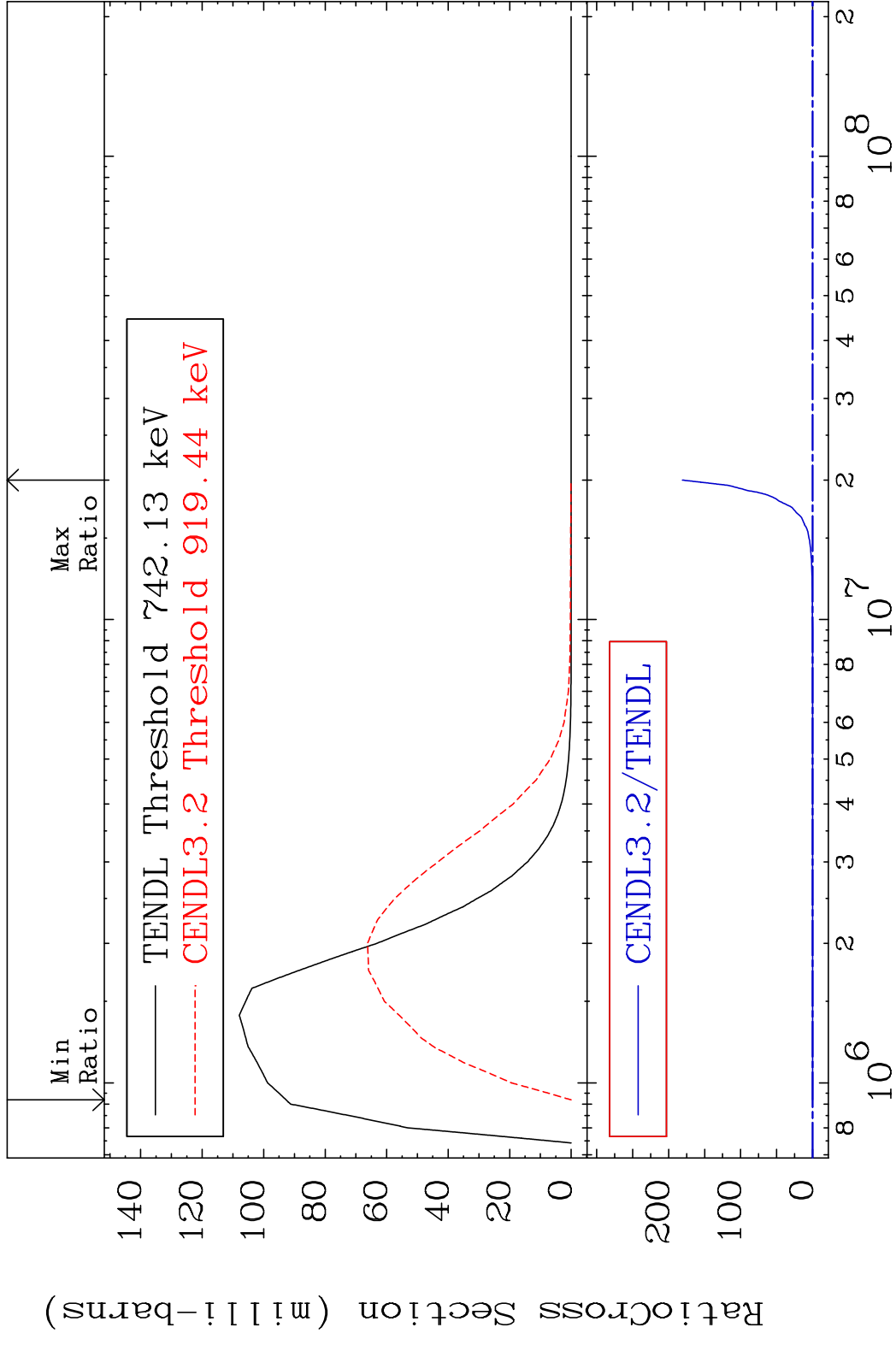
MAT 4731 MT= 59 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 9999. %



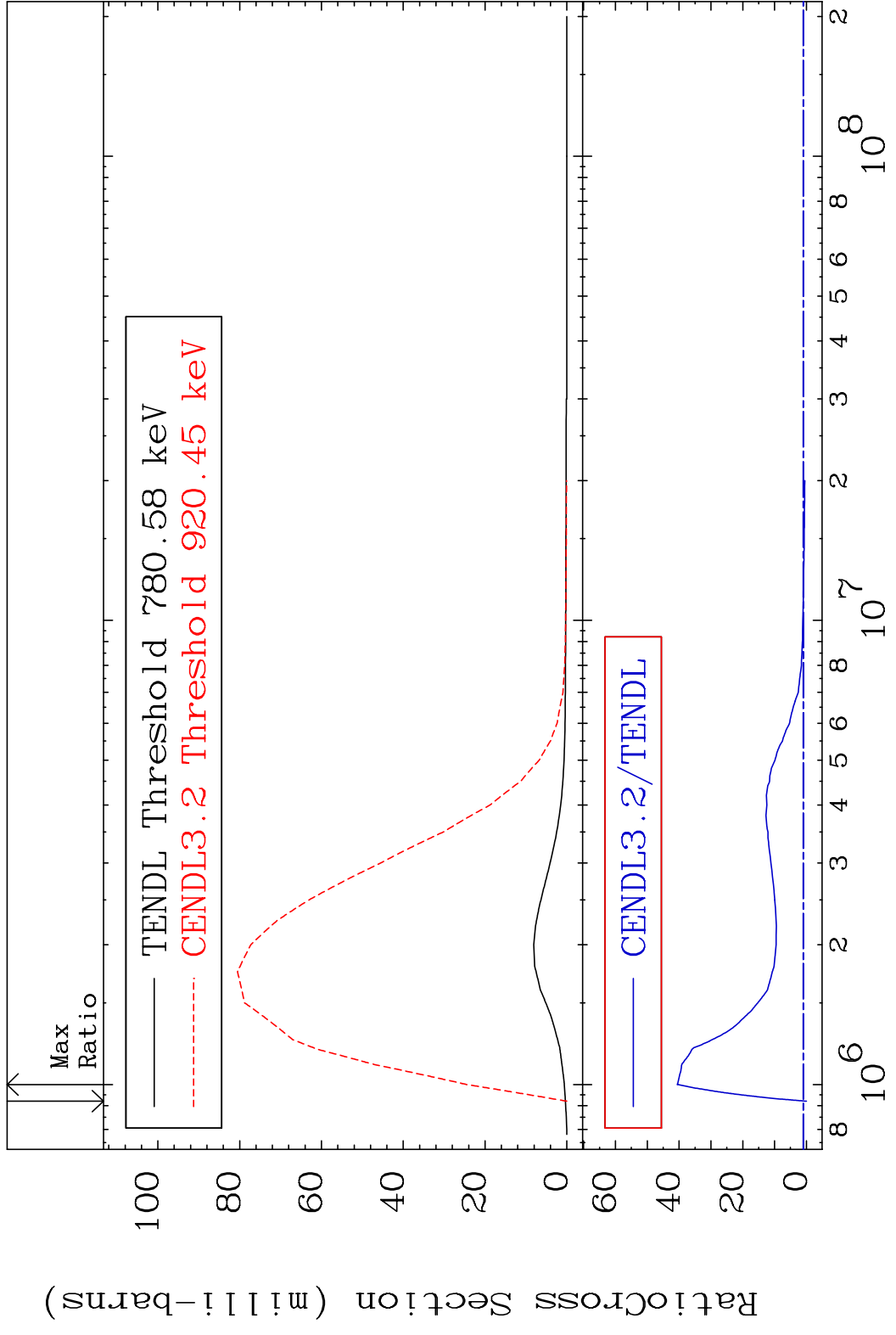
MAT 4731 MT= 60 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 9999. %



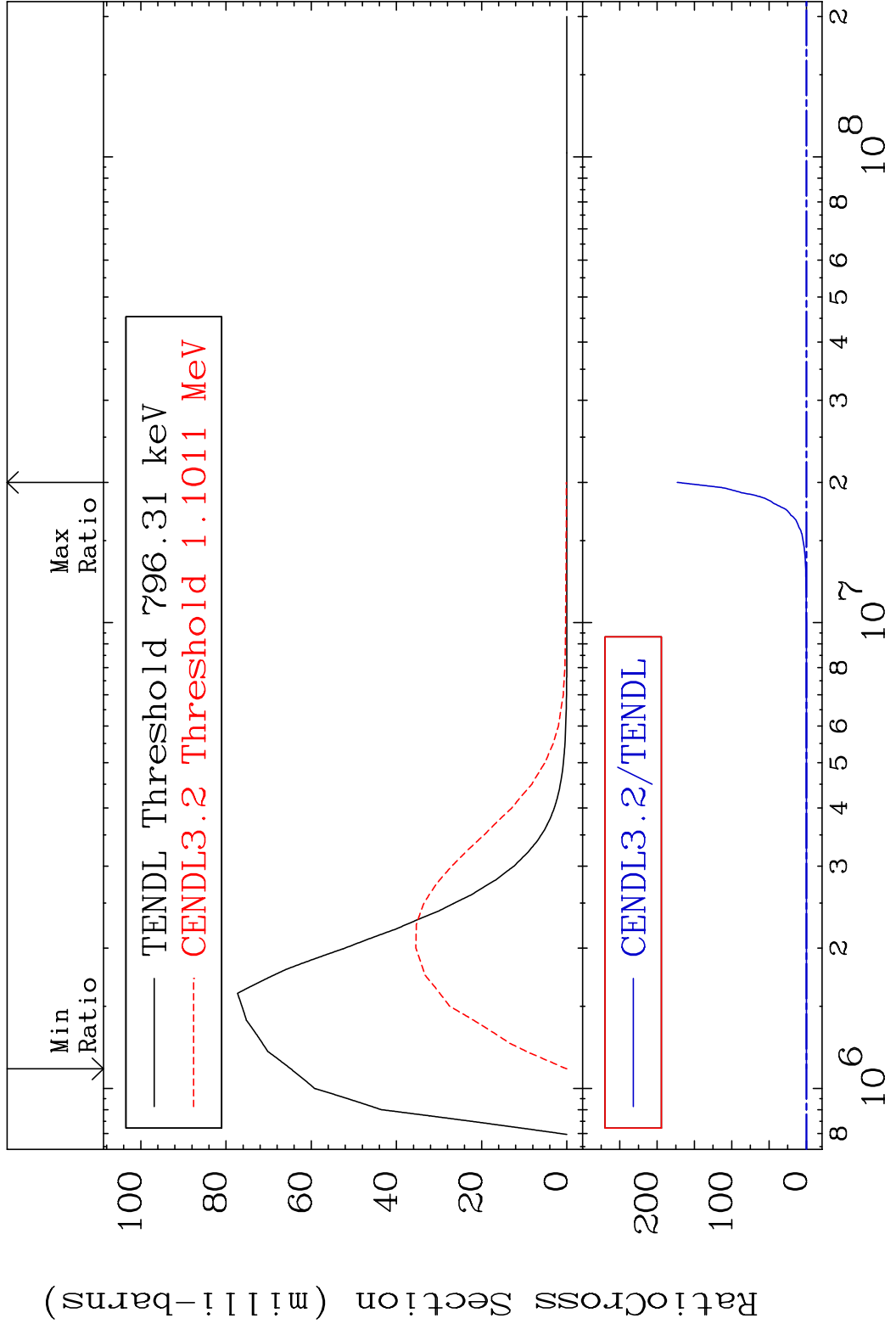
MAT 4731 MT= 61 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 9999. %



MAT 4731 MT= 62 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 3960. %

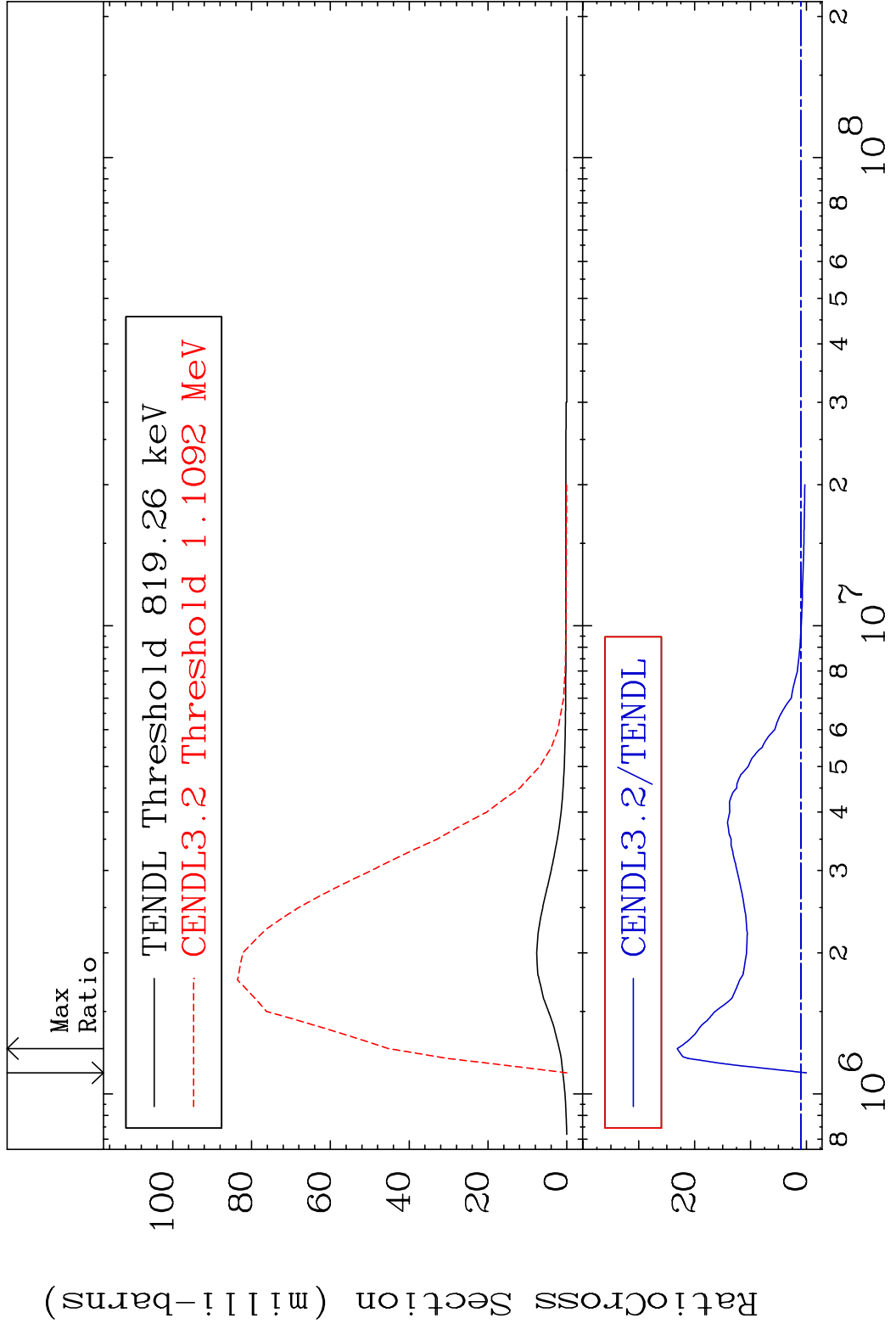


MAT 4731 MT= 63 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 9999. %



20 Incident Energy (eV) 47-Ag-109

MAT 4731 MT= 64 (n, n') Level 47-Ag-109
 Cross Section -100.0 To 2213. %

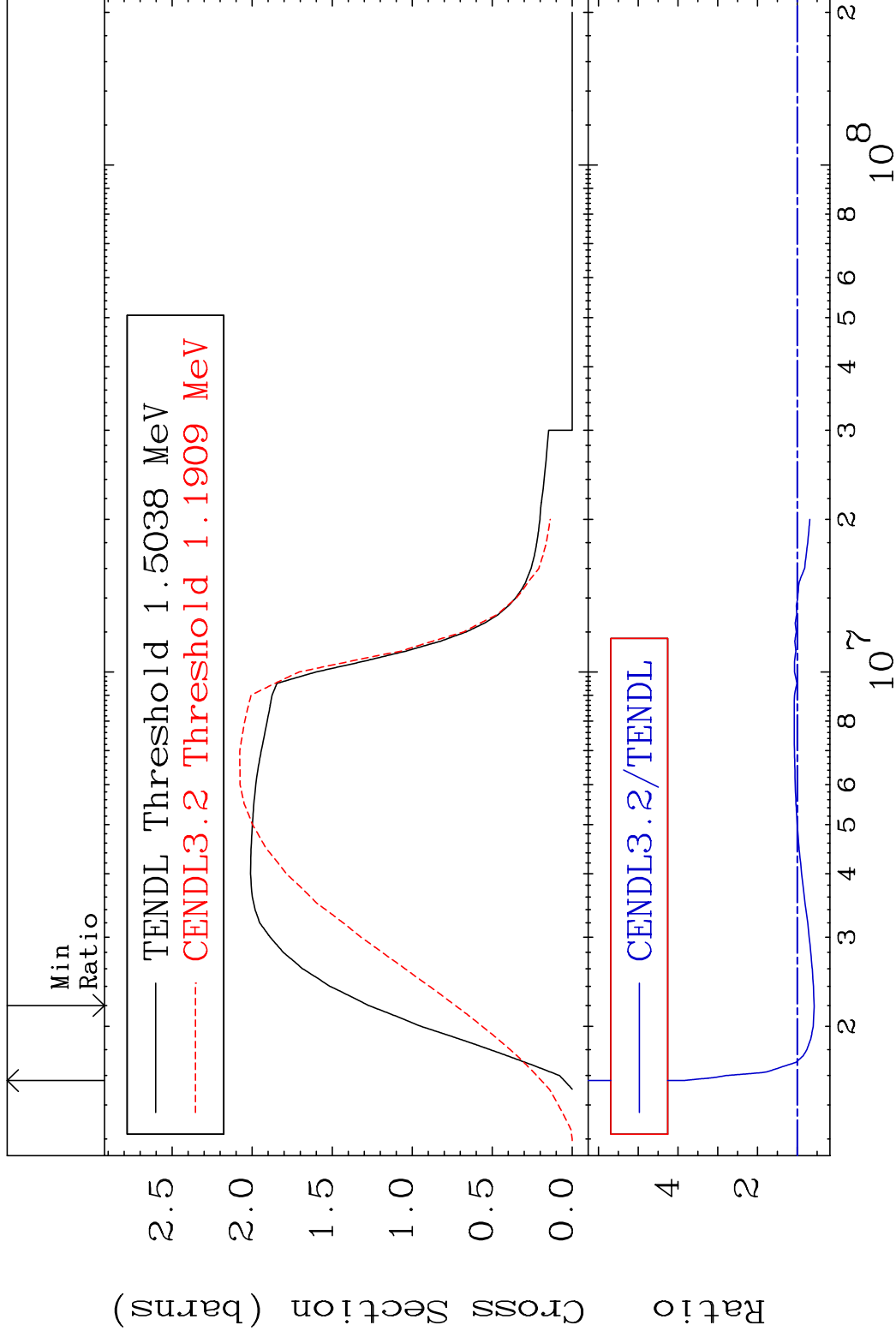


MAT 4731

(n, n') Continuum

47-Ag-109

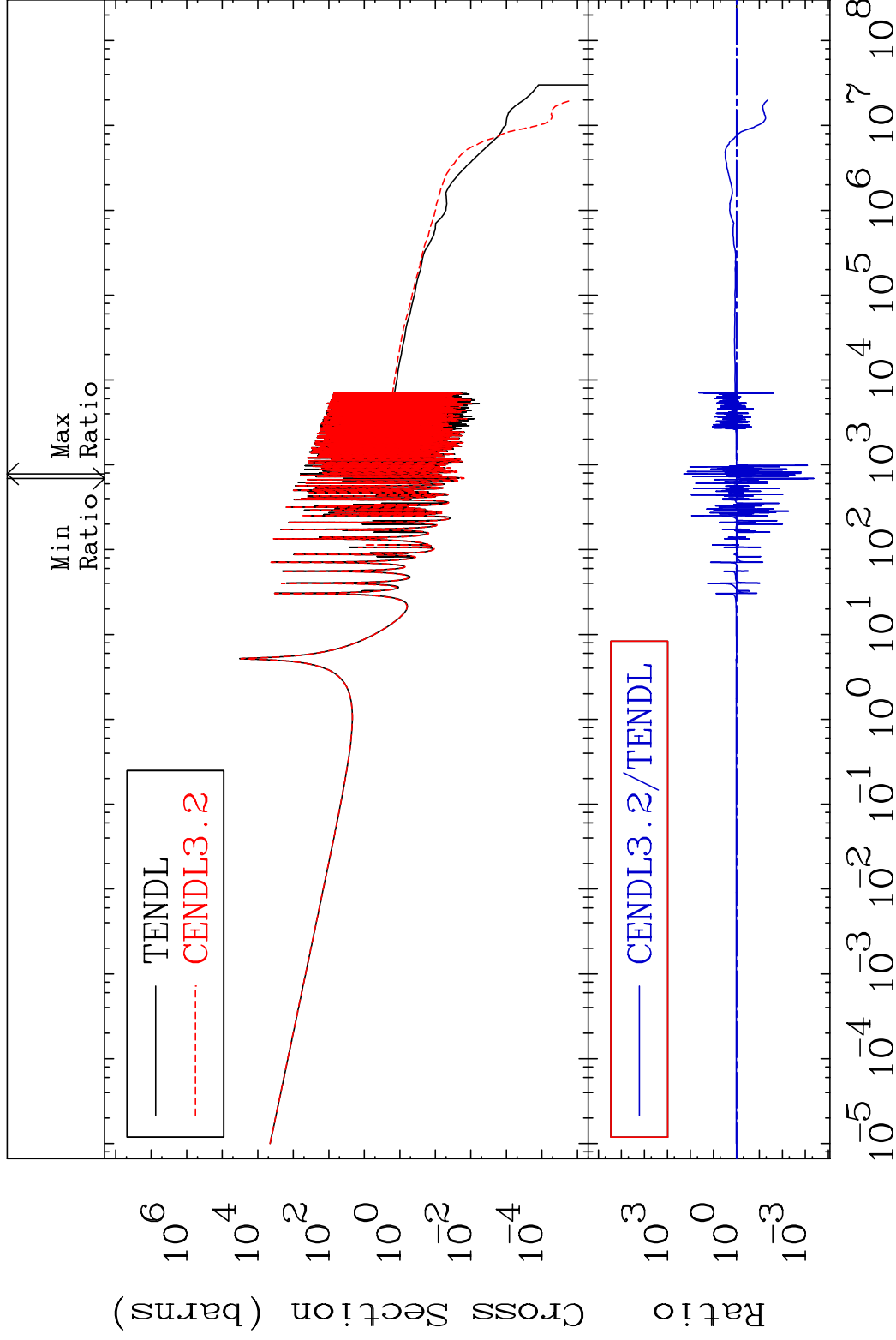
Cross Section -42.61 To 285.8 %



MAT 4731

(n, γ)
Cross Section -99.96 To 9999. %

47-Ag-109



23

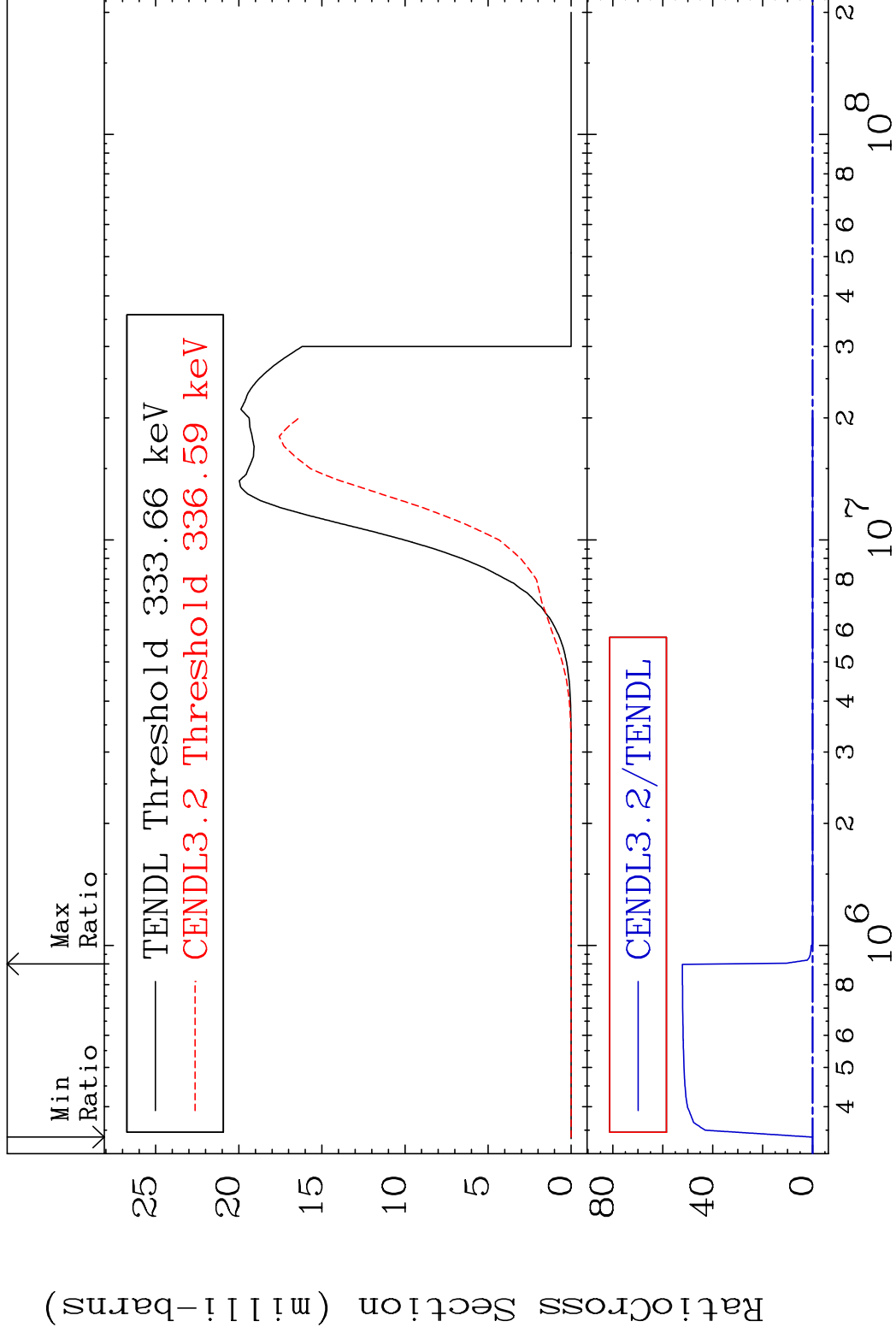
Incident Energy (eV) 47-Ag-109

MAT 4731

(n,p)

47-Ag-109

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

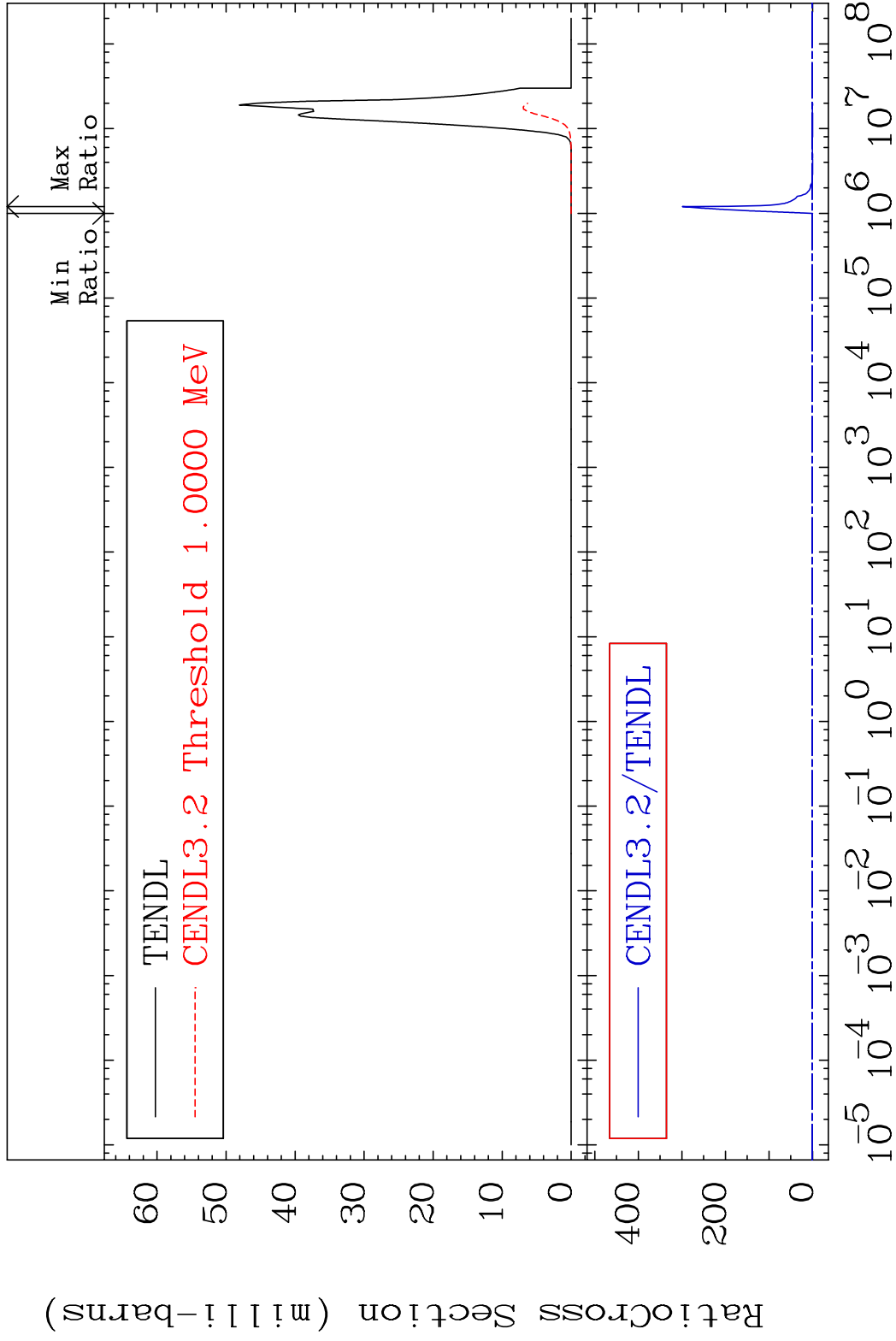
47-Ag-109

MAT 4731

(n, α)

47-Ag-109

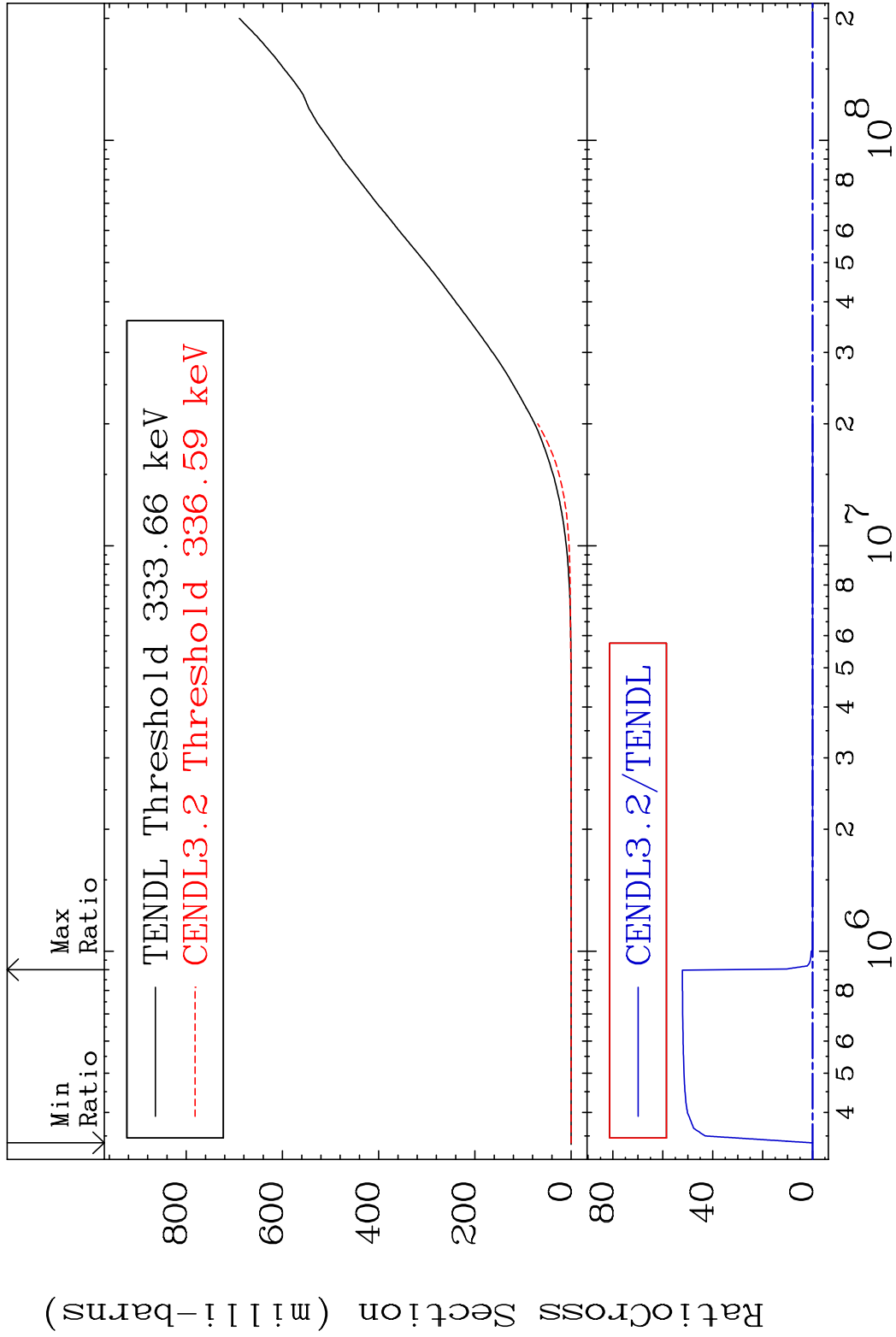
Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

47-Ag-109

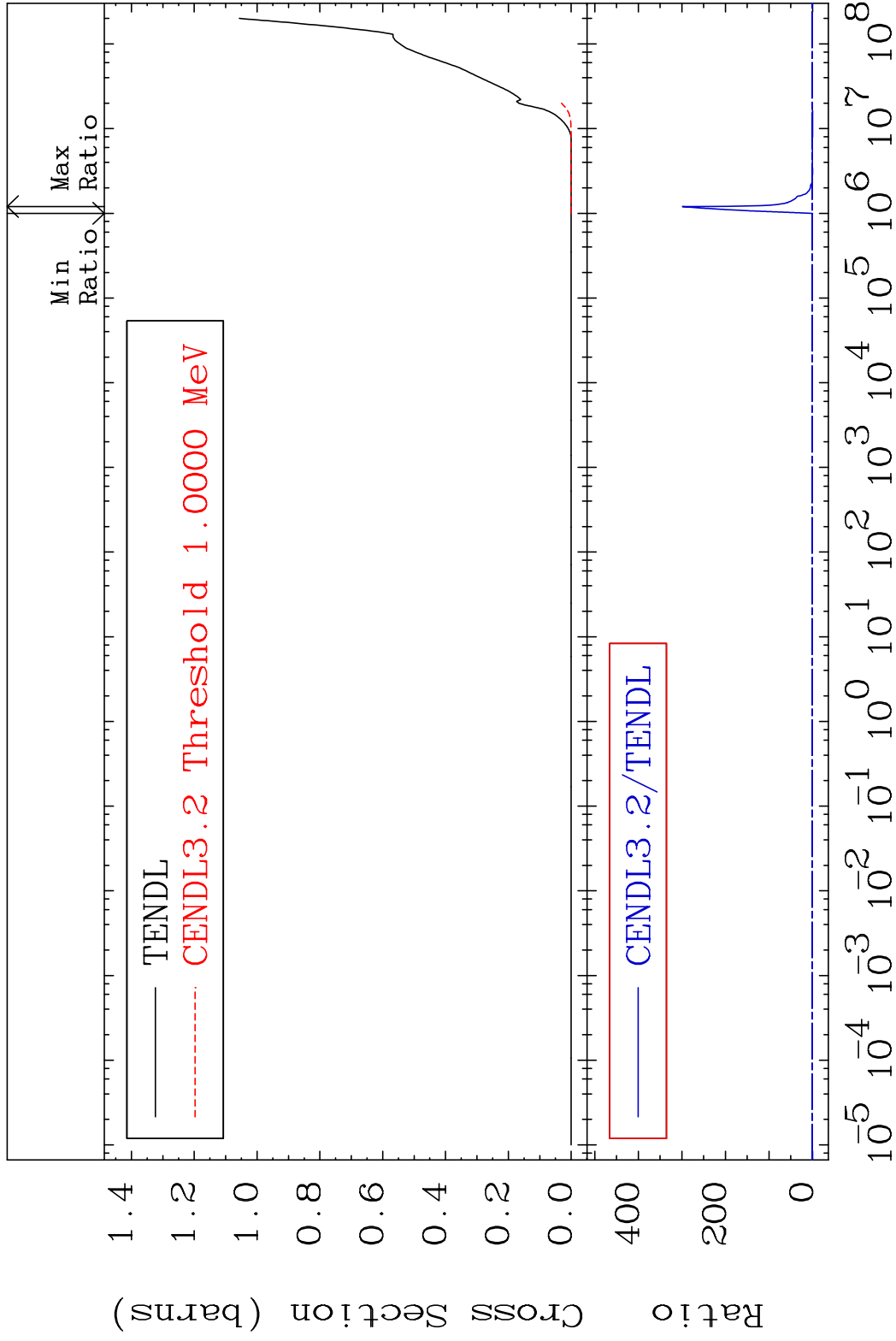


MAT 4731

He-4 Production

47-Ag-109

Cross Section -100.0 To 9999. %

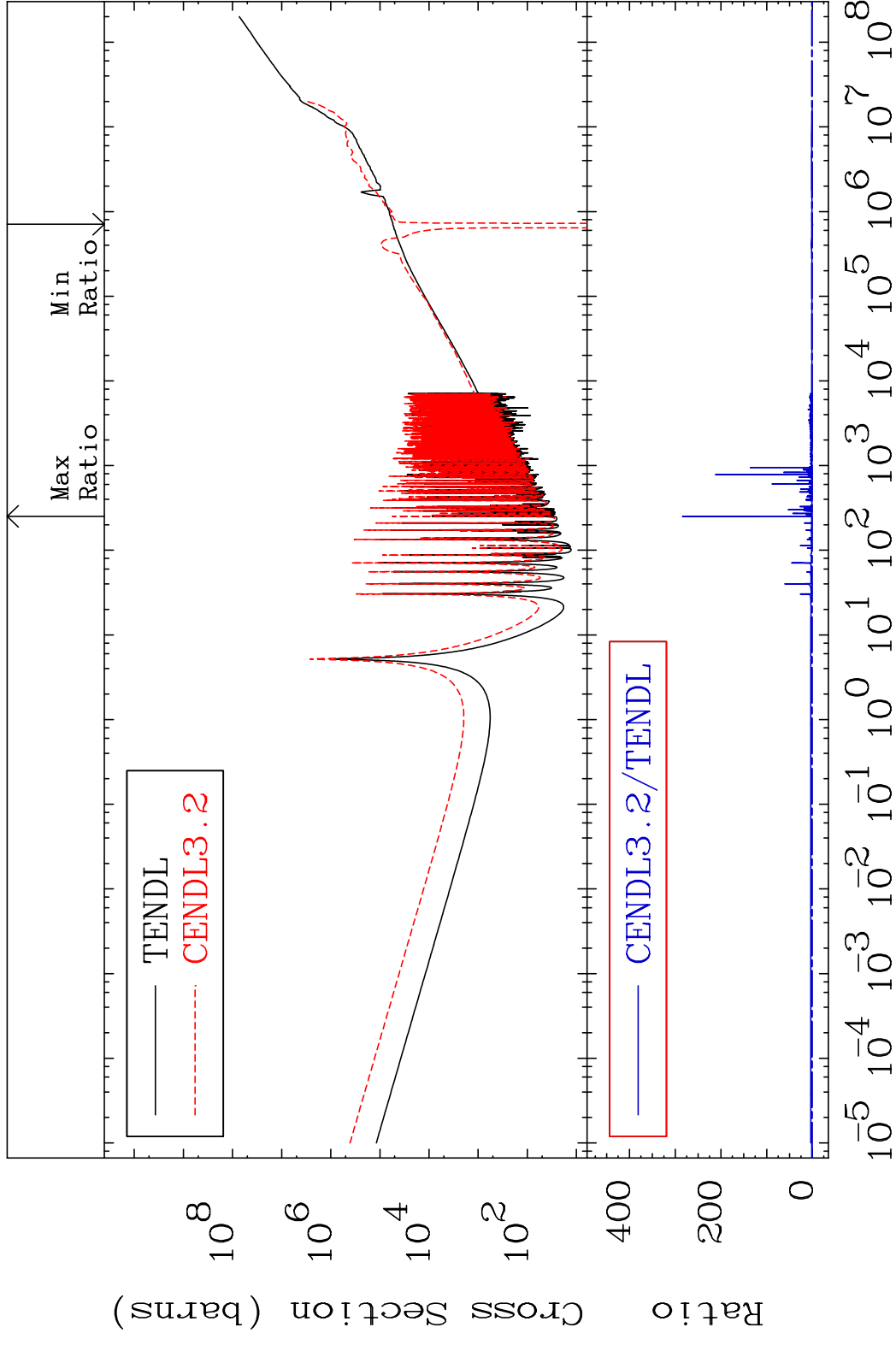


27

Incident Energy (eV)

47-Ag-109

MAT 4731 Kerma total (eV-barns) 47-Ag-109
 Cross Section -135.2 To 9999. %



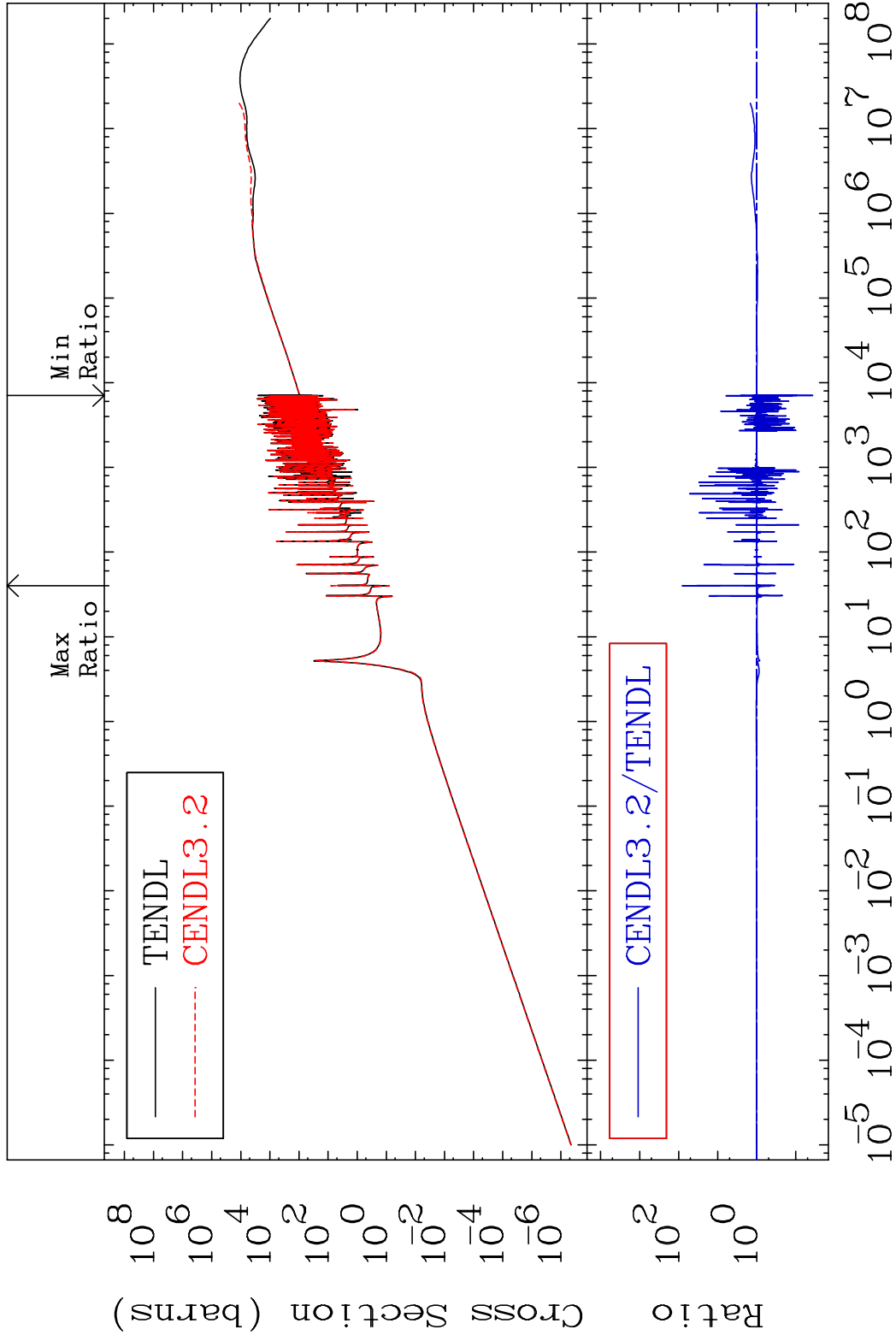
MAT 4731

Kerma elastic

47-Ag-109

Cross Section

-96.28 To 7959. %

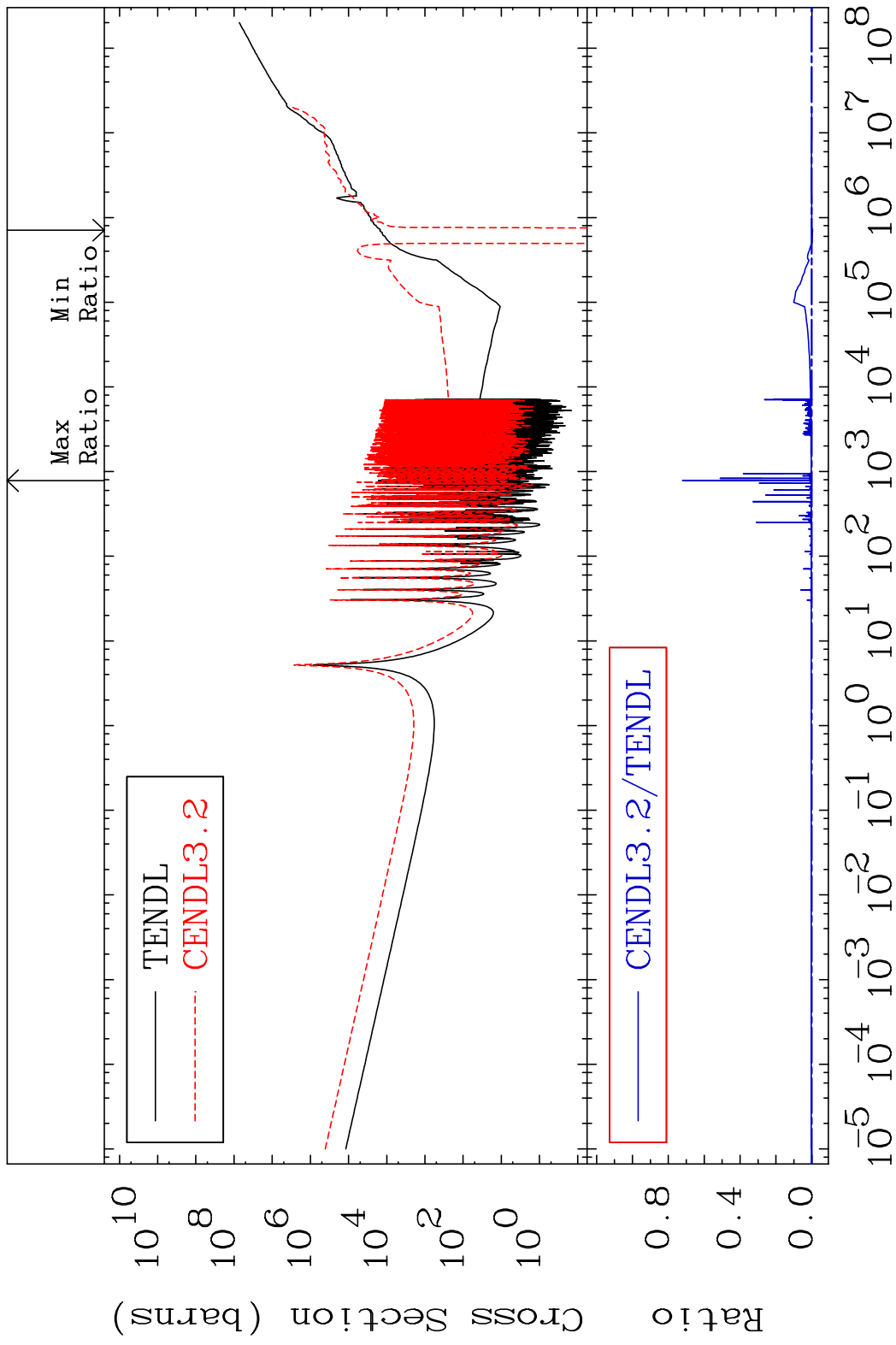


29

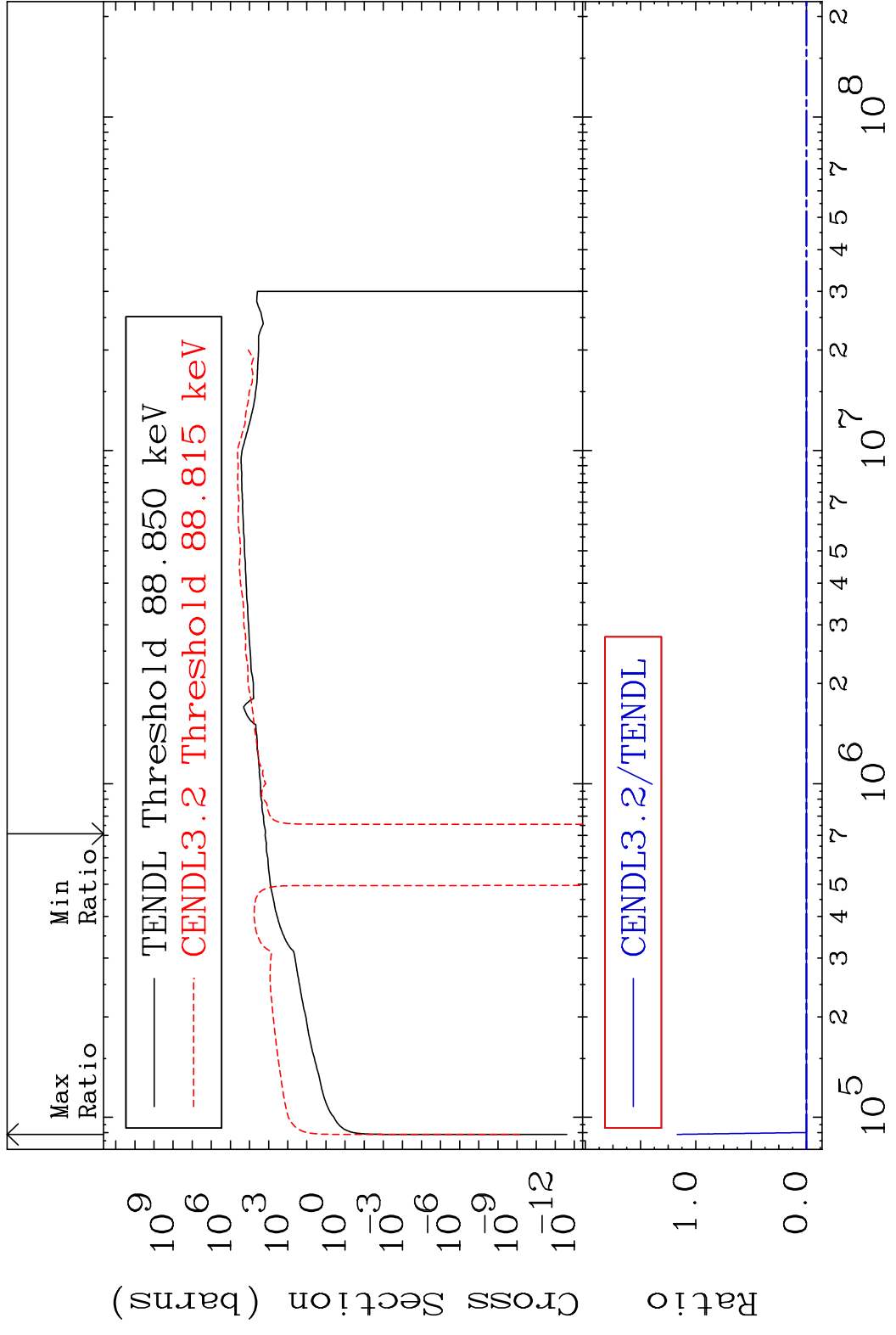
Incident Energy (eV)

47-Ag-109

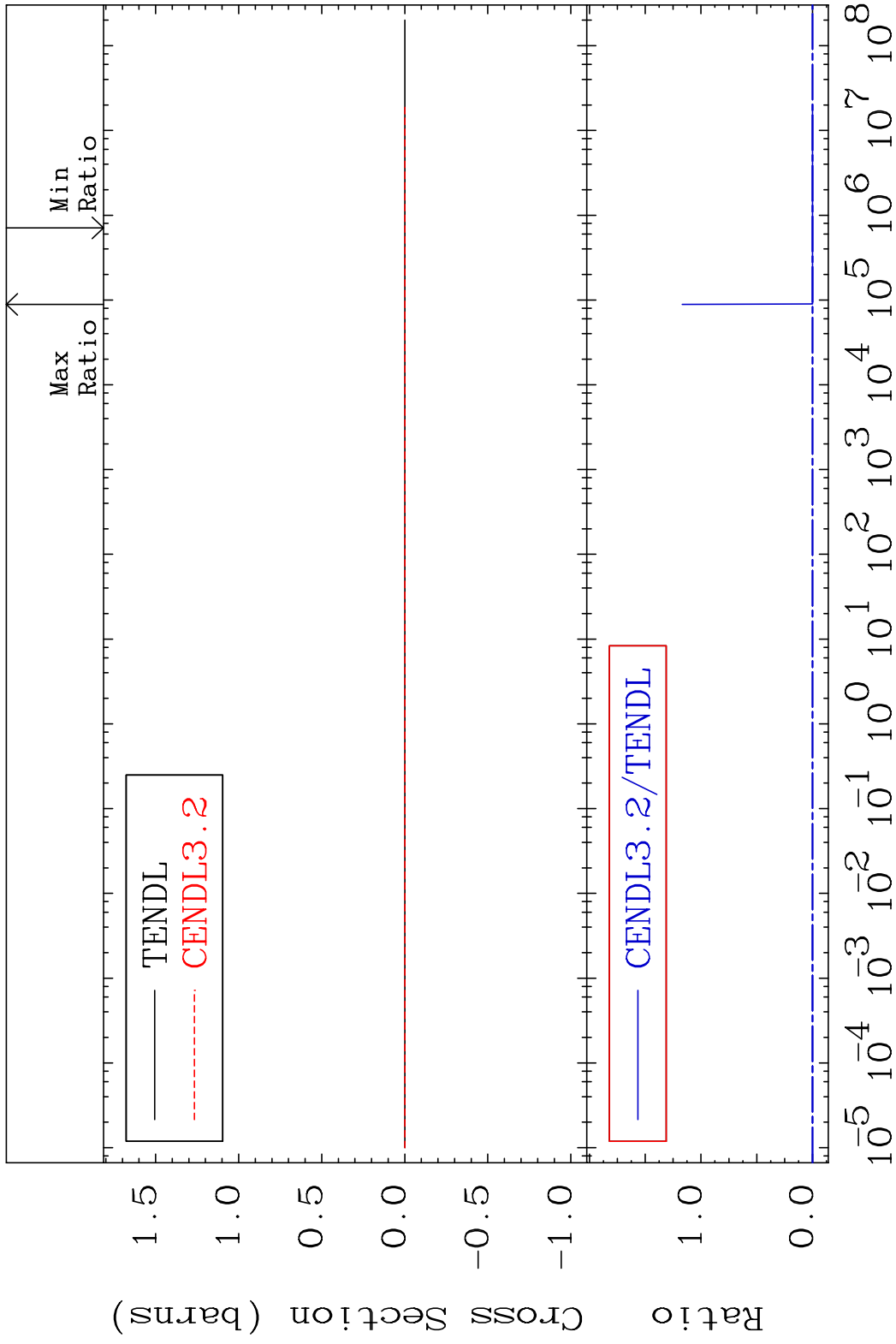
MAT 4731 Kerma non-elastic (all but mt2) 47-Ag-109
 Cross Section -499.7 To 9999. %



MAT 4731 Kerma inelastic (mt51-91) 47-Ag-109
 Cross Section -505.3 To 9999. %



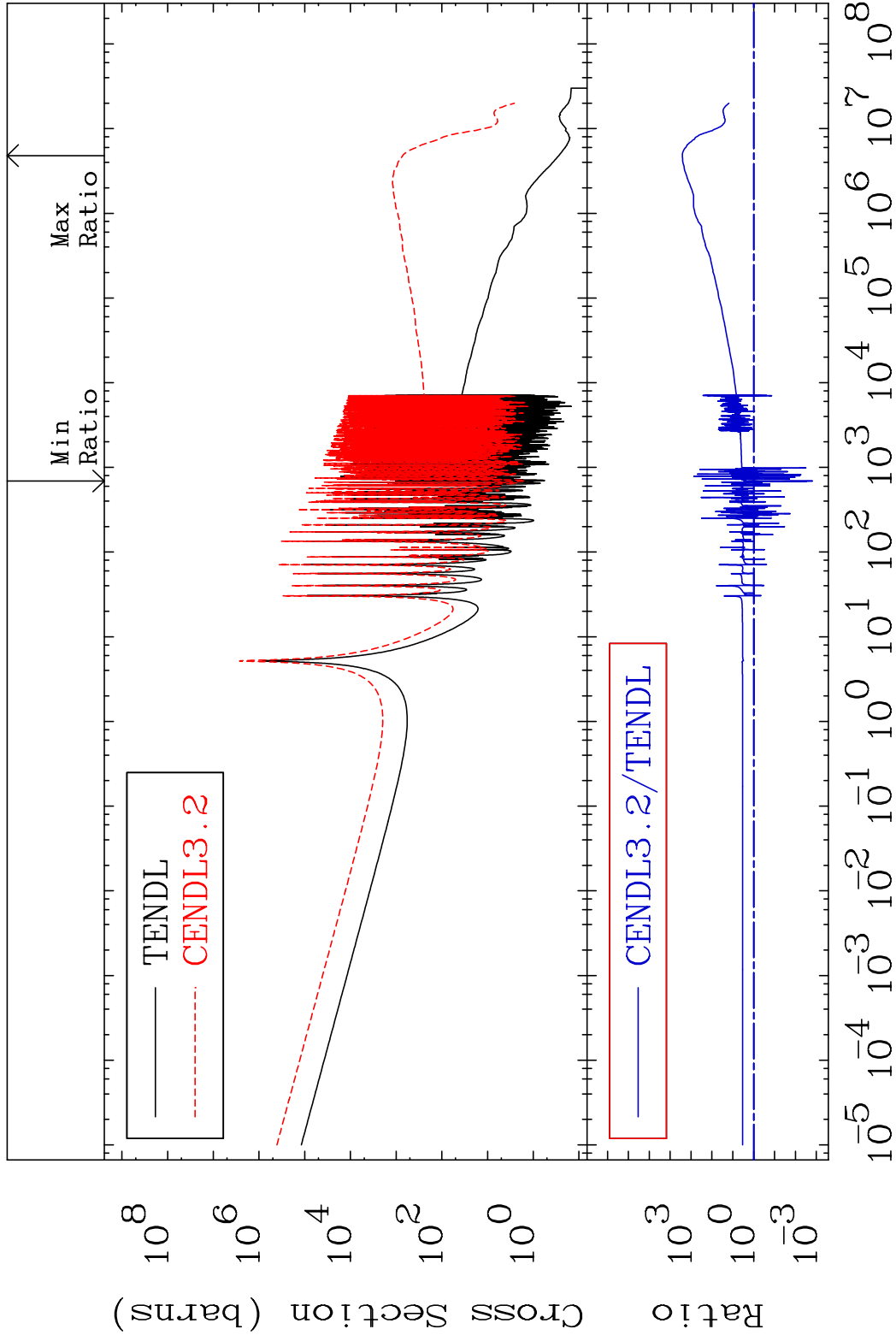
MAT 4731 Kerma fission (mt18 or mt19-20-21-38) #7-Ag-109
 Cross Section -505.3 To 9999. %



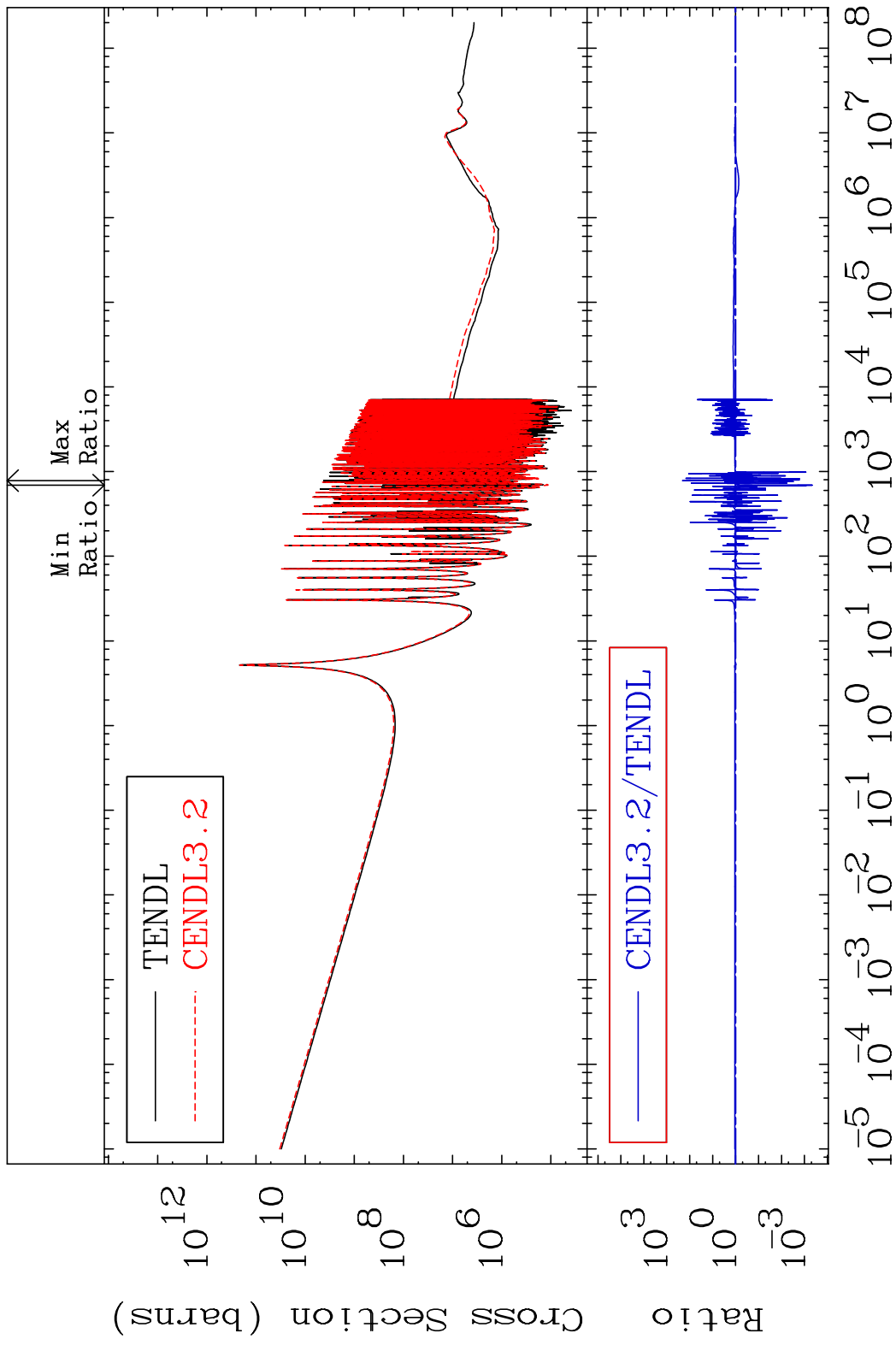
MAT 4731

Kerma capture (mt102) 47-Ag-109

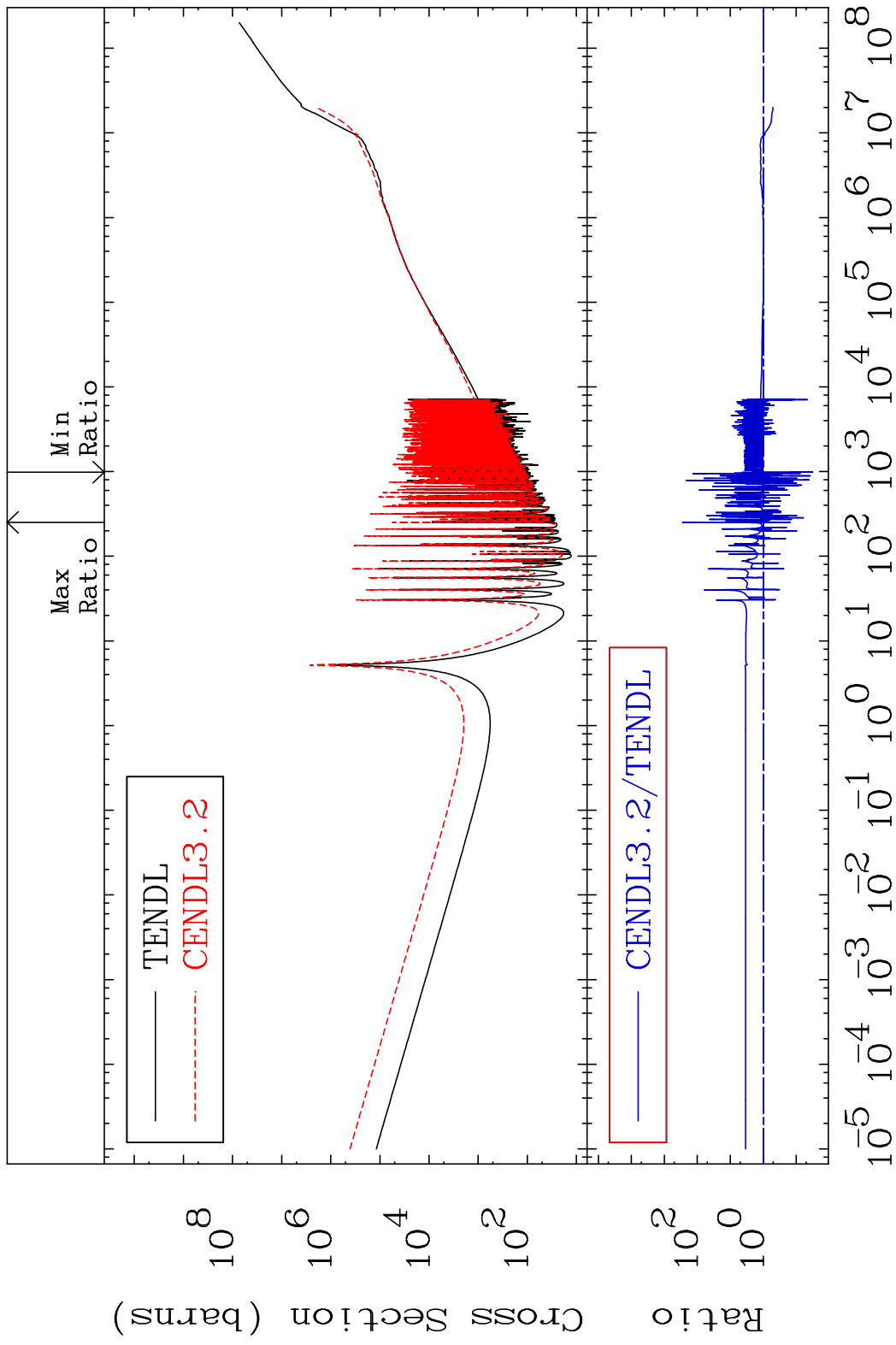
Cross Section -99.85 To 9999. %



MAT 4731 Total photon (eV-barns) 47-Ag-109
 Cross Section -99.96 To 9999. %



MAT 4731 Total kinematic kerma (high limit) 47-Ag-109
Cross Section -96.81 To 9999. %

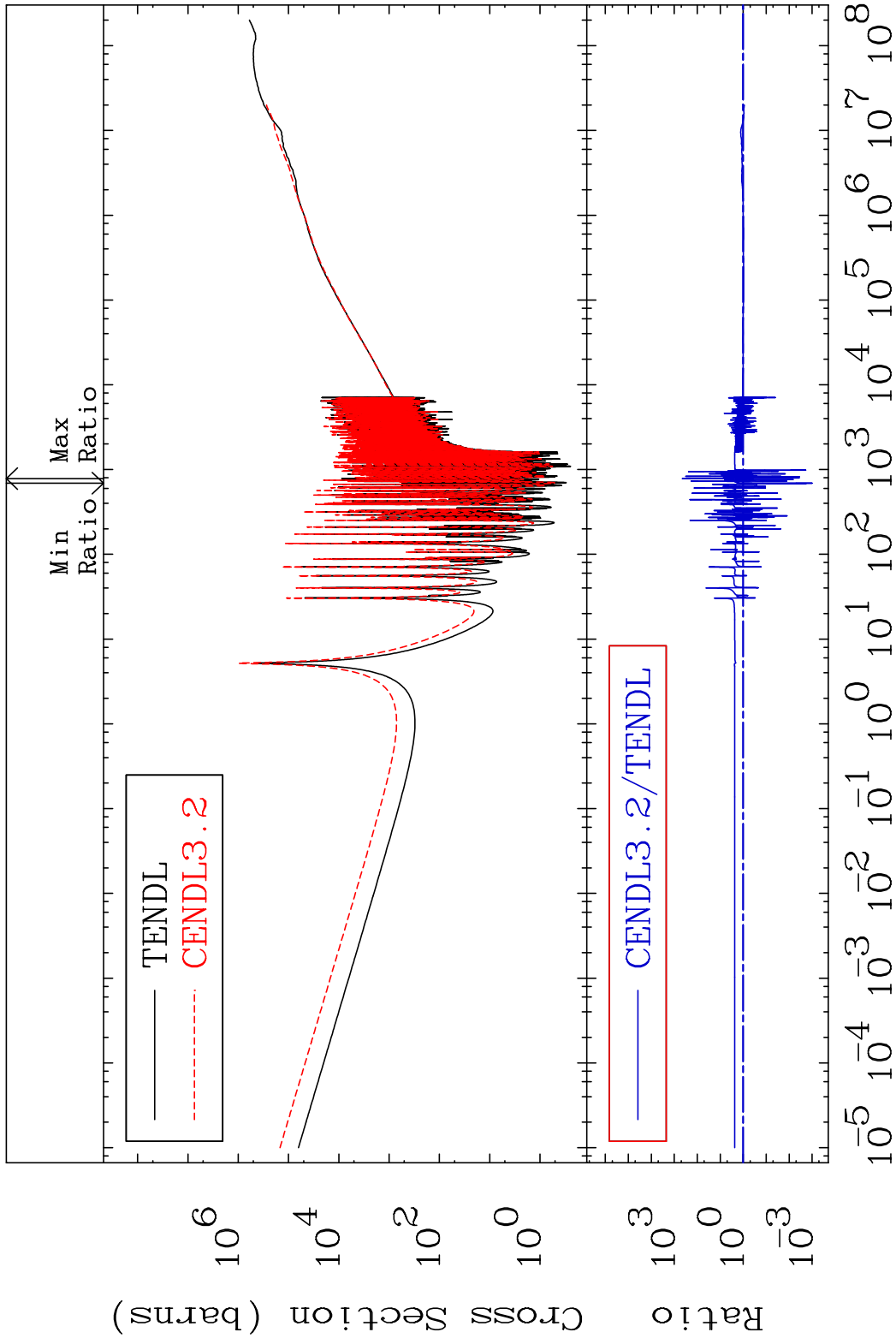


MAT 4731

Dpa total (eV-barns)

47-Ag-109

Cross Section -99.90 To 9999. %



36

Incident Energy (eV)

47-Ag-109

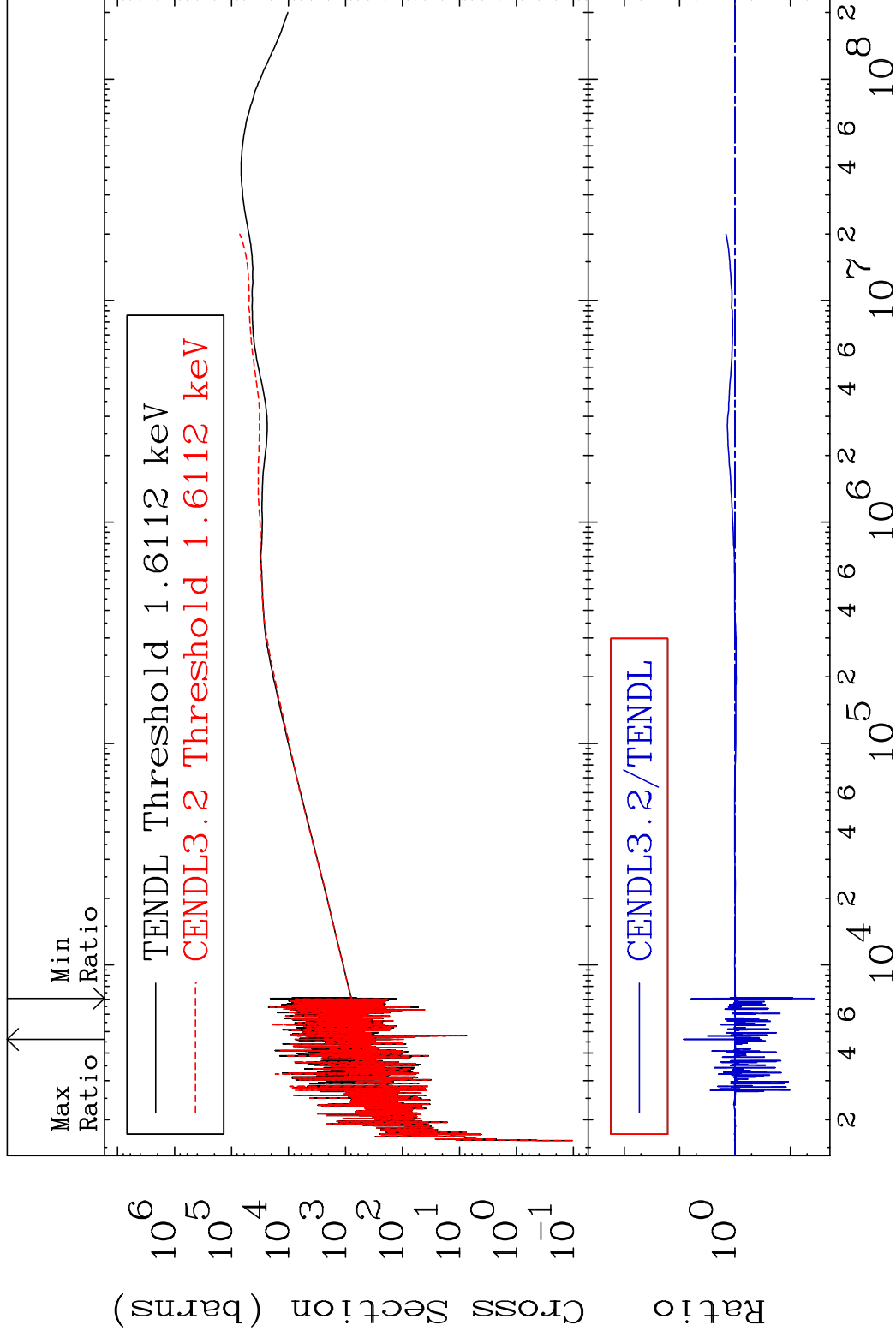
MAT 4731

Dpa elastic (mt2)

47-Ag-109

Cross Section

-96.29 To 746.8 %



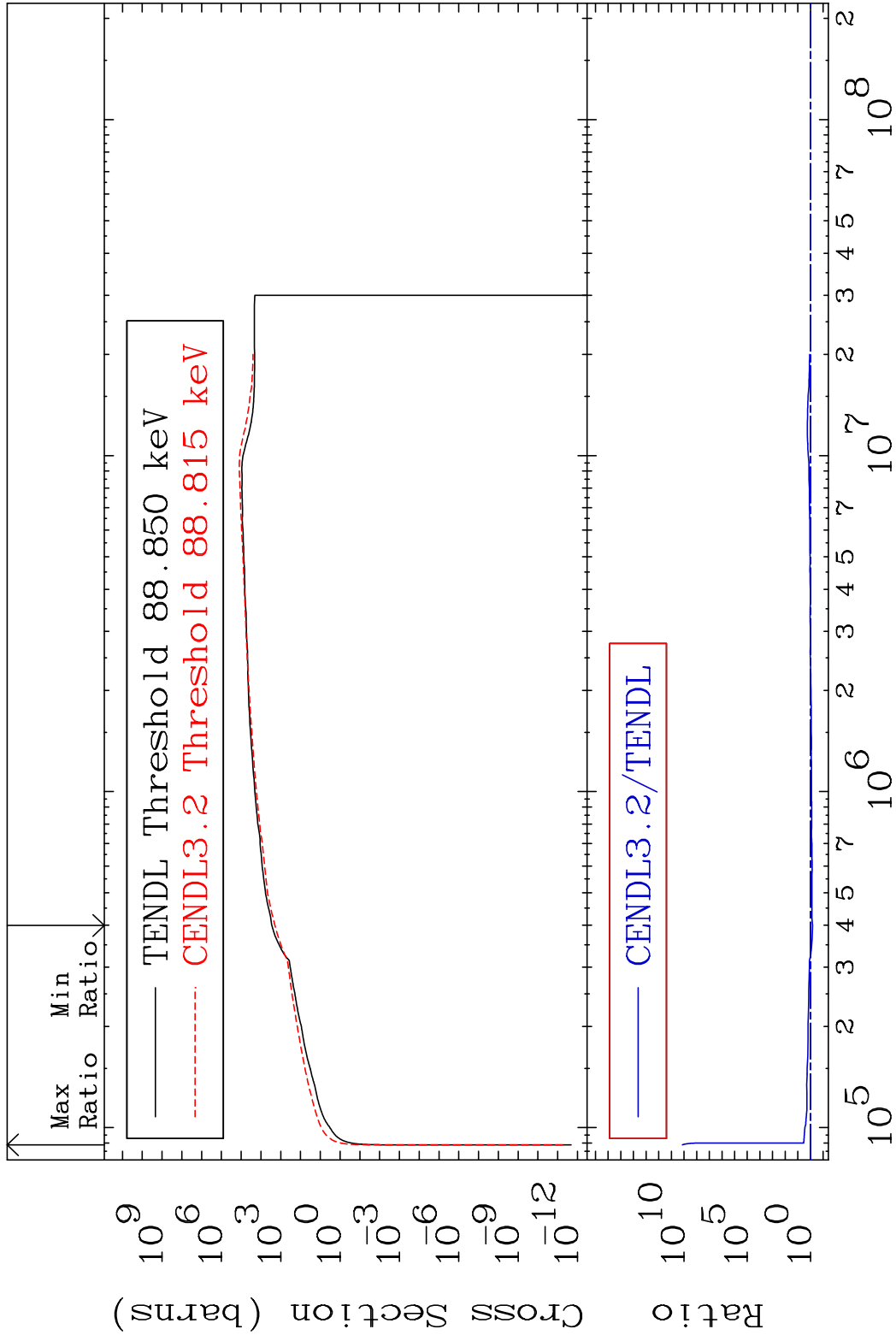
37

Incident Energy (eV)

47-Ag-109

MAT 4731

Dpa inelastic (mt51-91) 47-Ag-109
Cross Section -30.58 To 9999. %

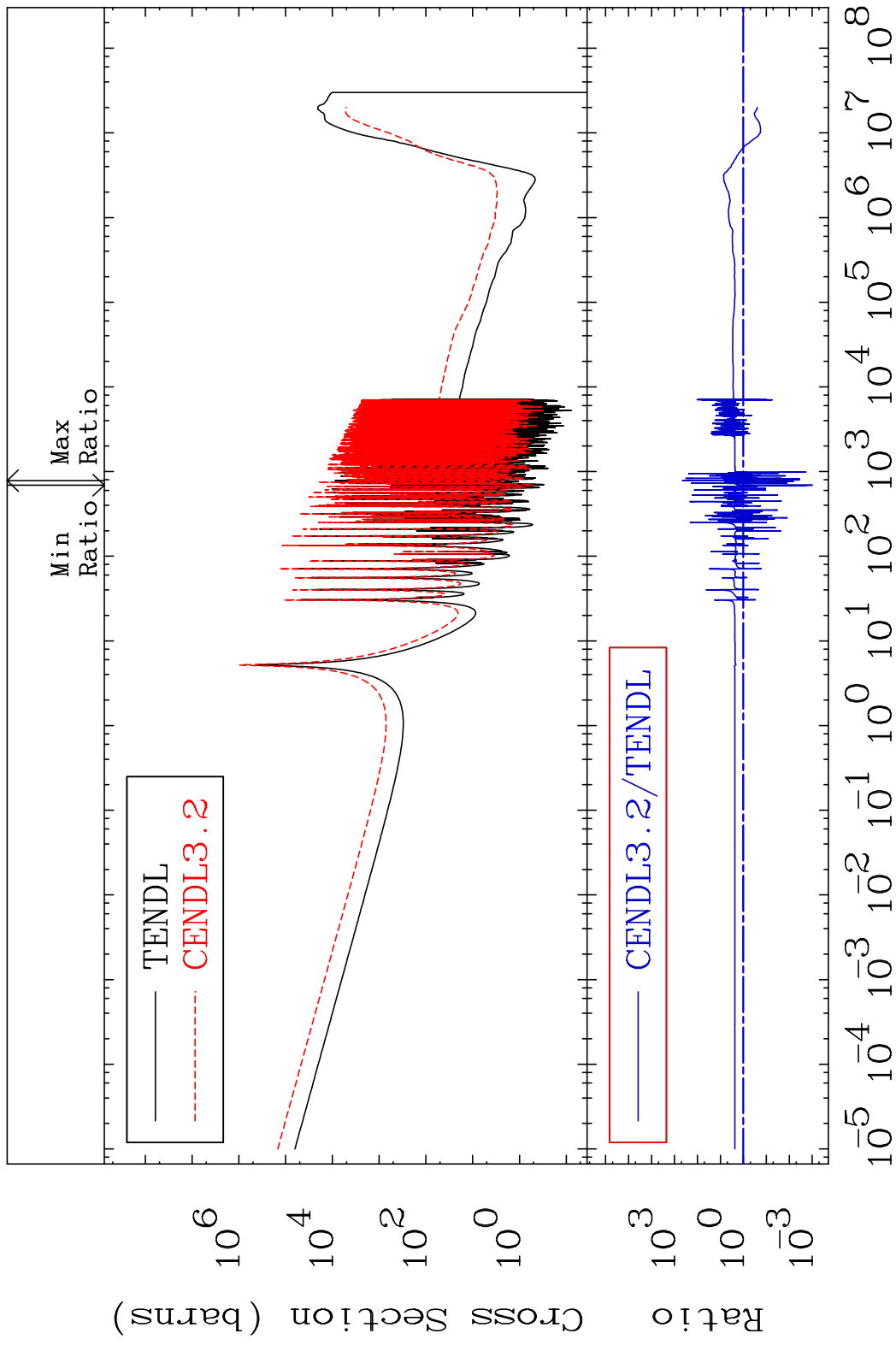


38

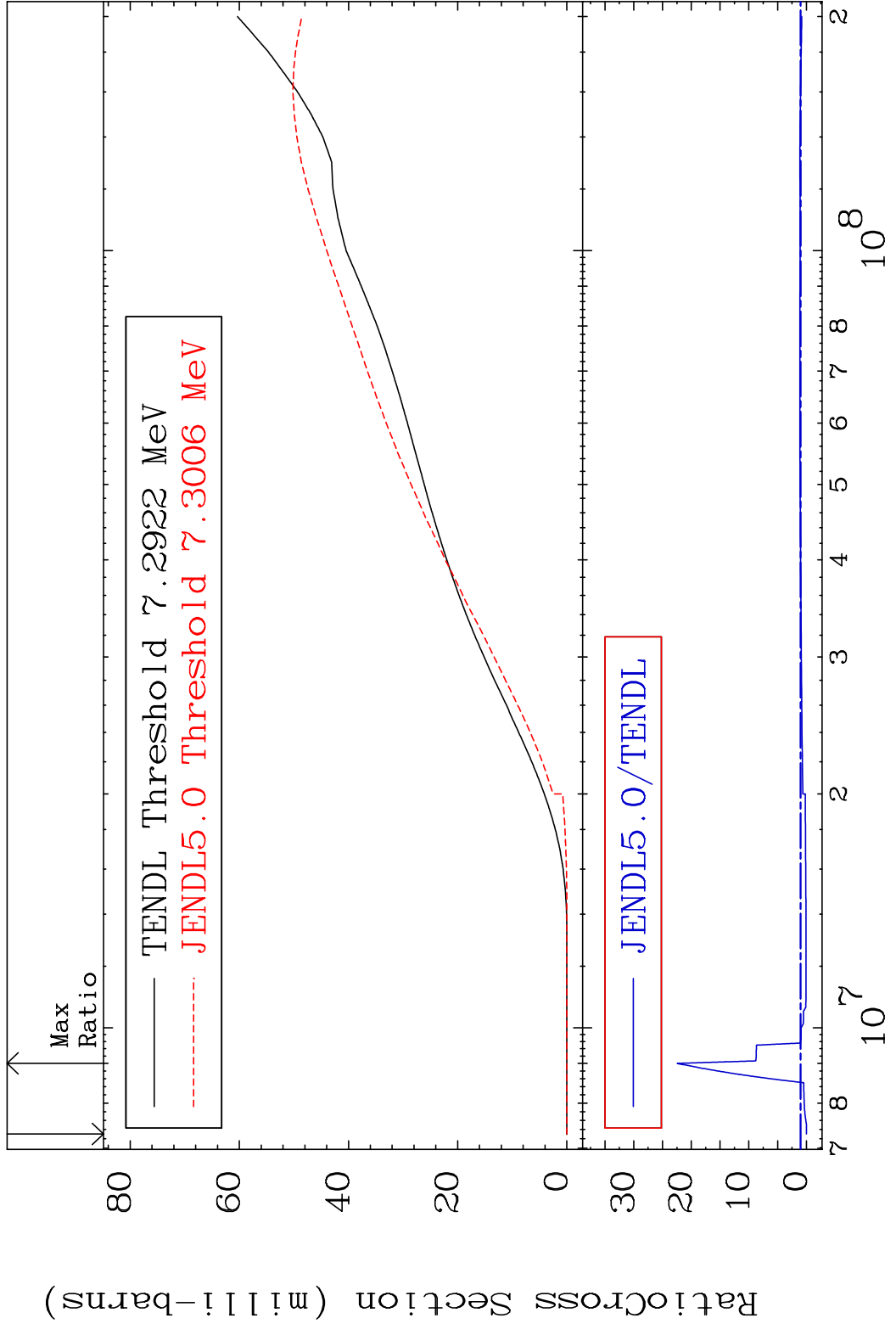
Incident Energy (eV)

47-Ag-109

MAT 4731 Dpa disappearance (mt102 -120) 47-Ag-109
 Cross Section -99.90 To 9999. %



MAT 4731 Tritium Production 47-Ag-109
 Cross Section -100.0 To 2145. %



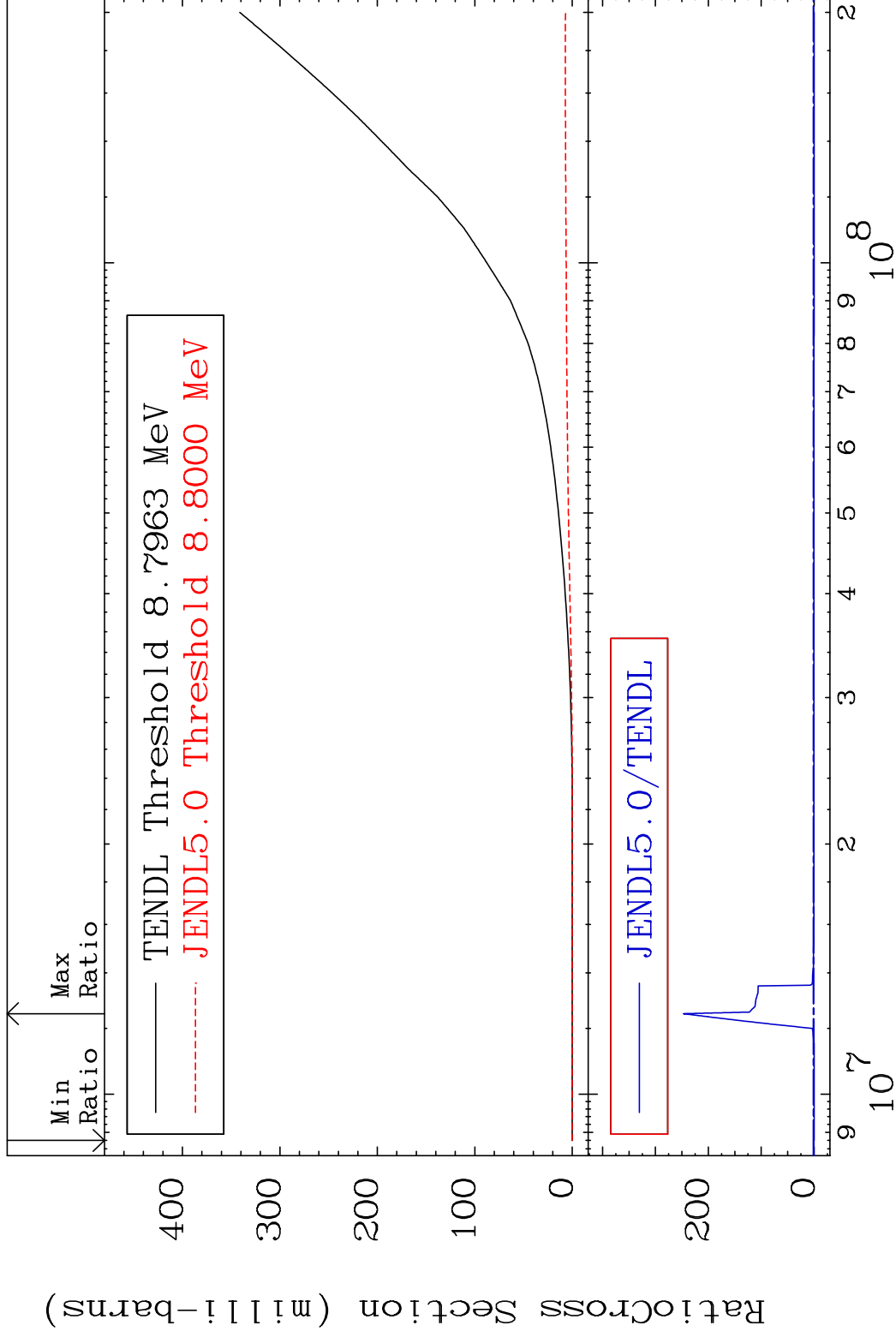
40 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2 47-Ag-109

MAT 4731

He-3 Production

47-Ag-109

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

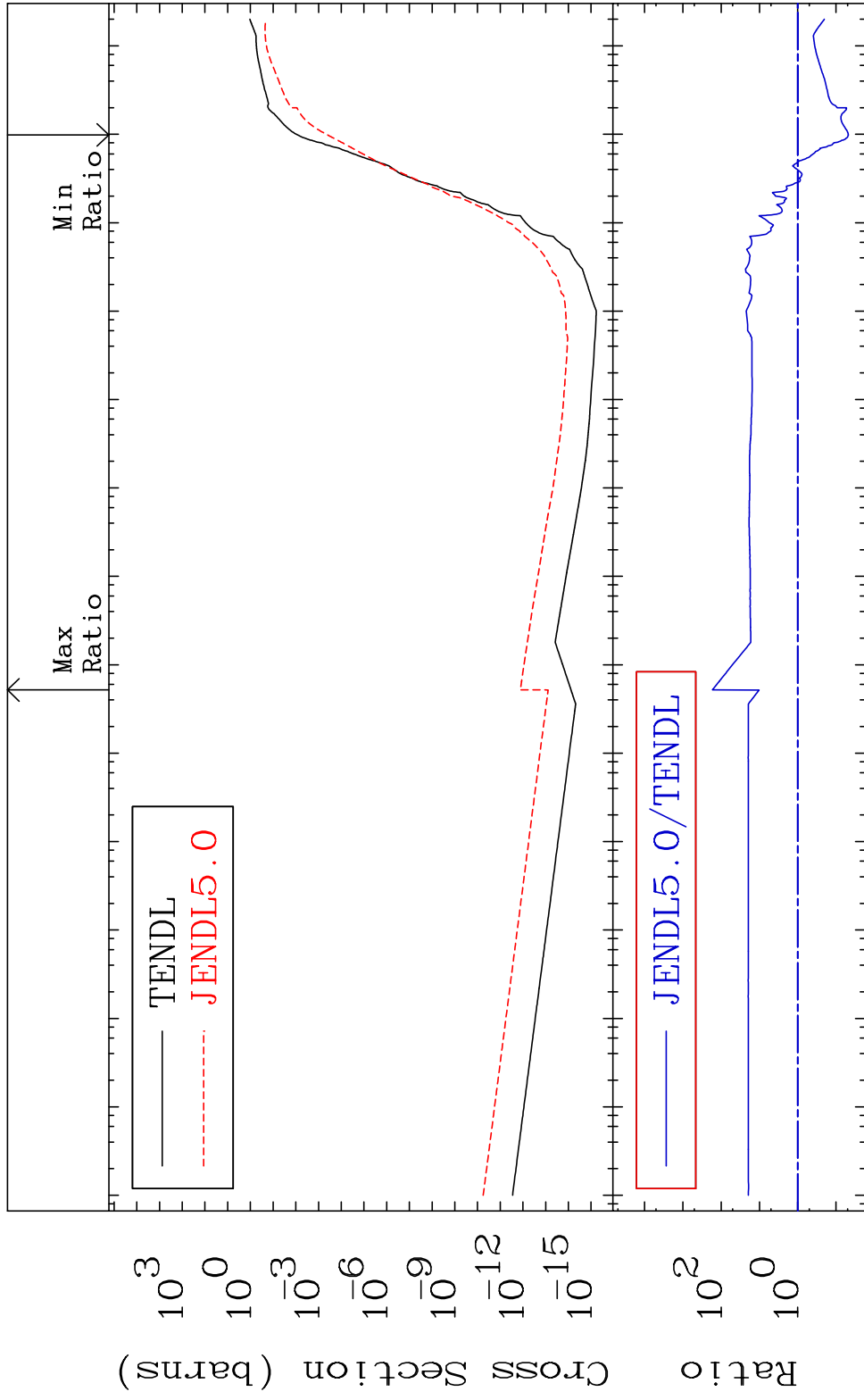
47-Ag-109

MAT 4731

He-4 Production

47-Ag-109

Cross Section -95.21 To 9999. %

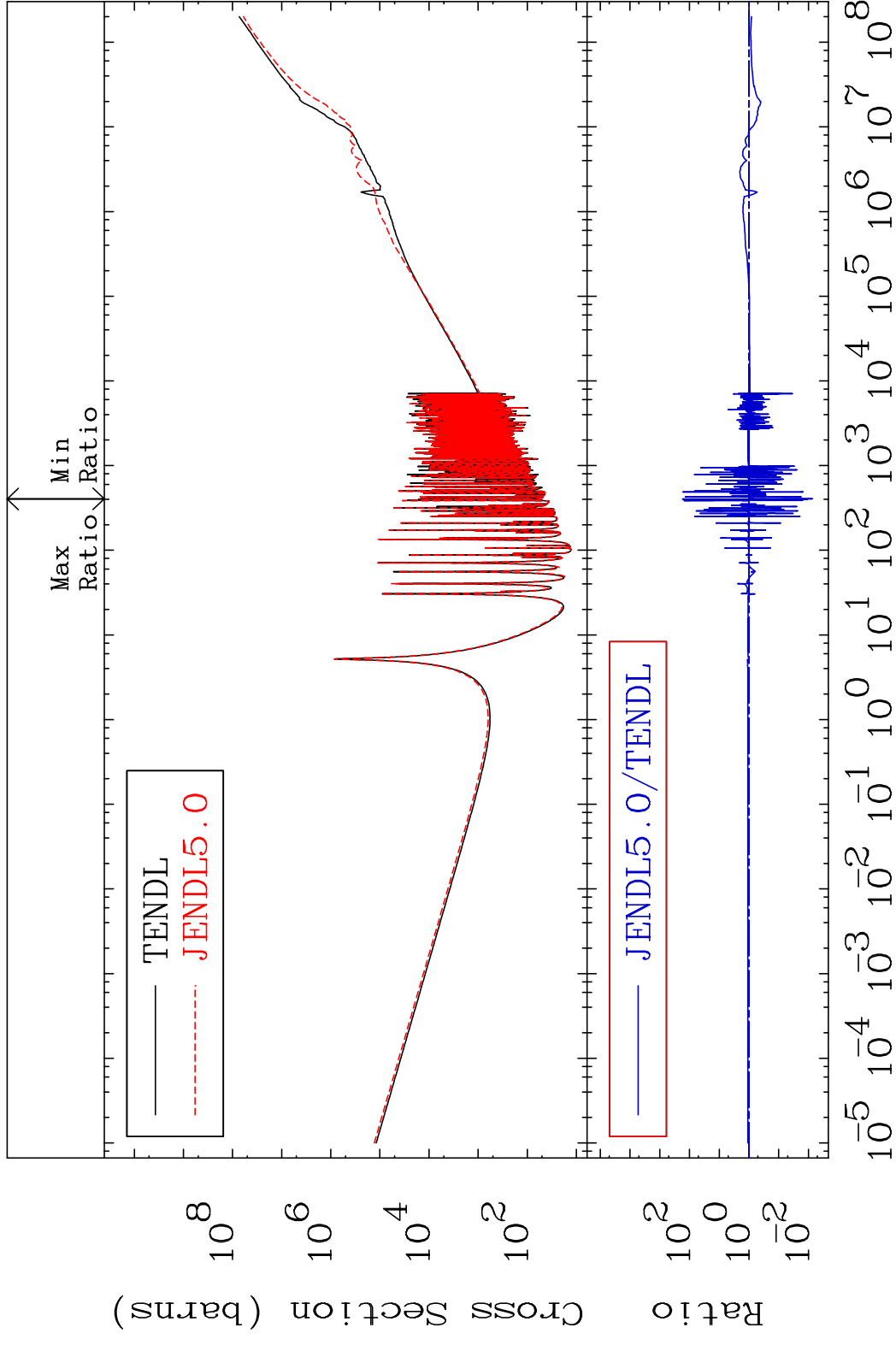


42

Incident Energy (eV)

47-Ag-109

MAT 4731 Kerma total (eV-barns) 47-Ag-109
 Cross Section -99.27 To 9999. %



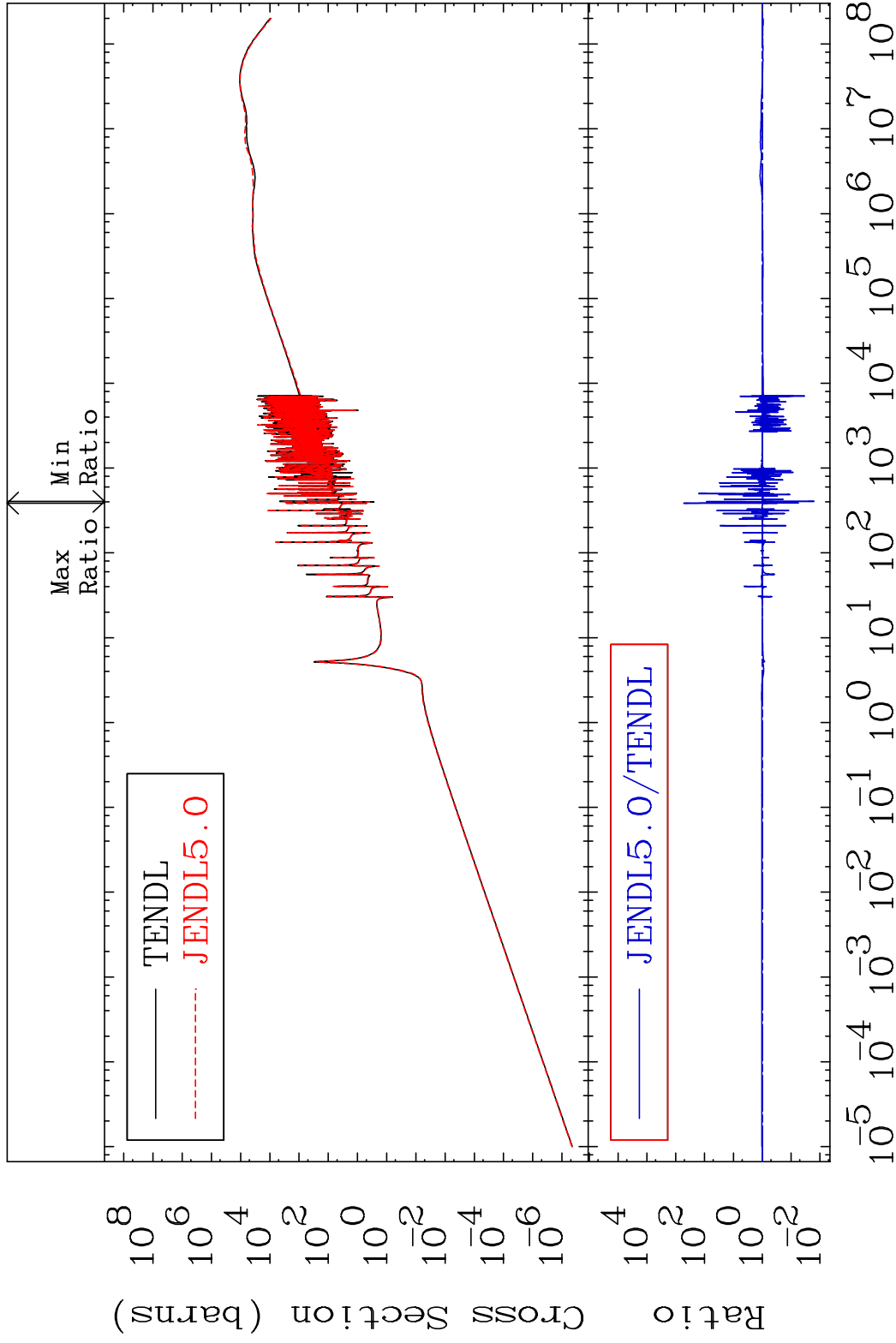
MAT 4731

Kerma elastic

47-Ag-109

Cross Section

-98.42 To 9999. %

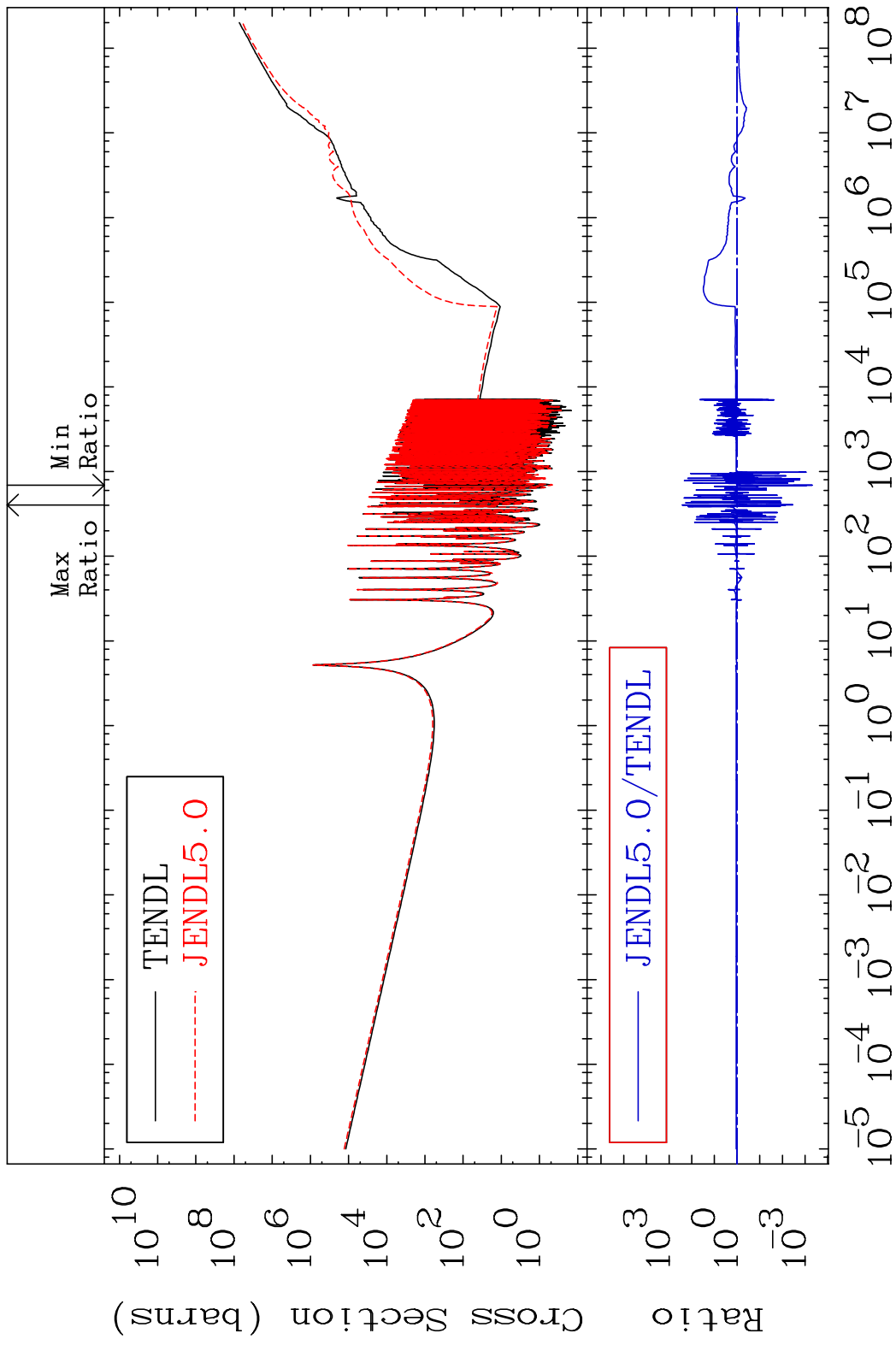


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Incident Energy (eV)

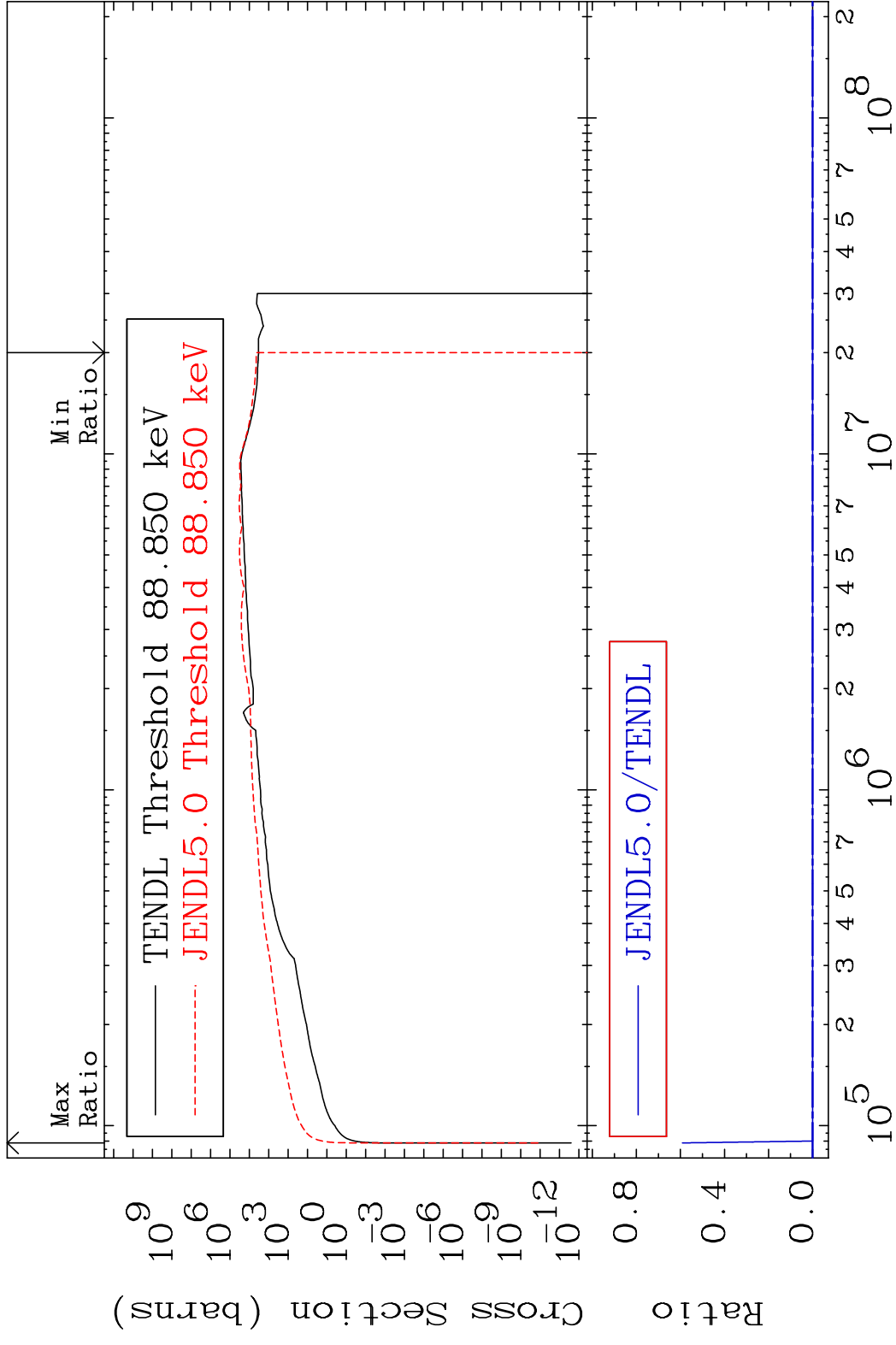
47-Ag-109

MAT 4731 Kerma non-elastic (all but mt2) 47-Ag-109
 Cross Section -99.95 To 9999. %



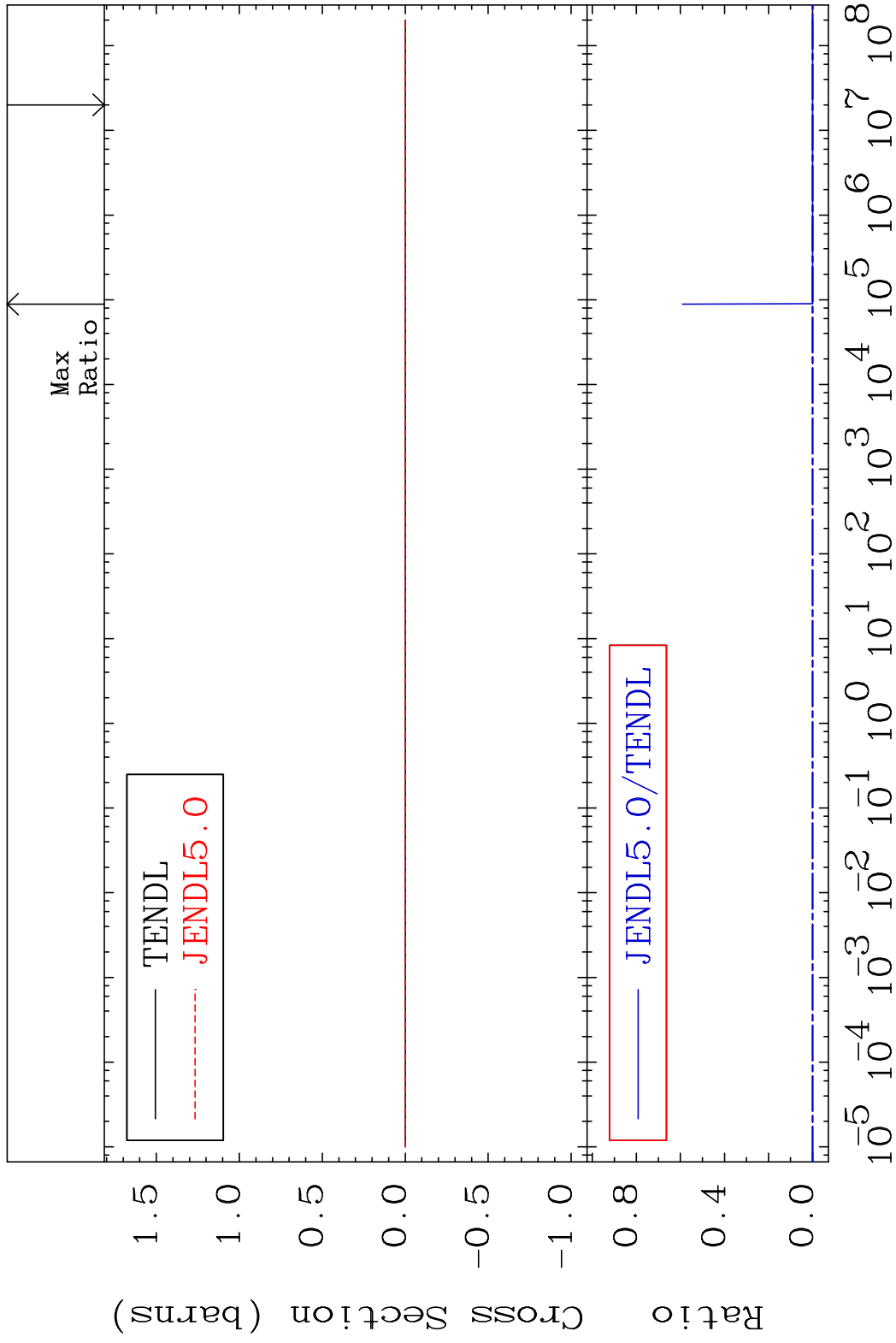
45 Incident Energy (eV) 47-Ag-109

MAT 4731 Kerma inelastic (mt51-91) 47-Ag-109
 Cross Section -100.0 To 9999. %

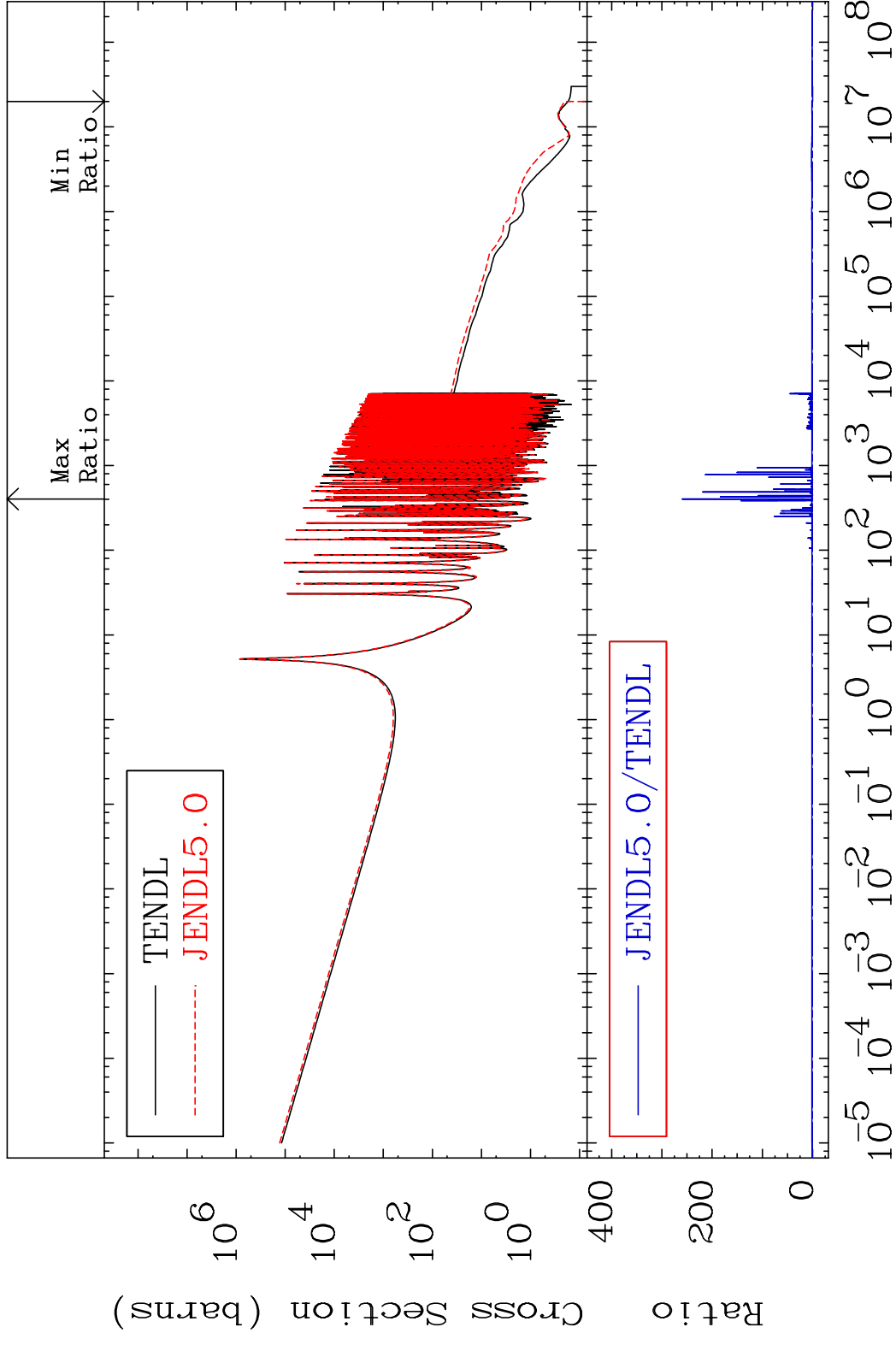


46 Incident Energy (eV) 47-Ag-109

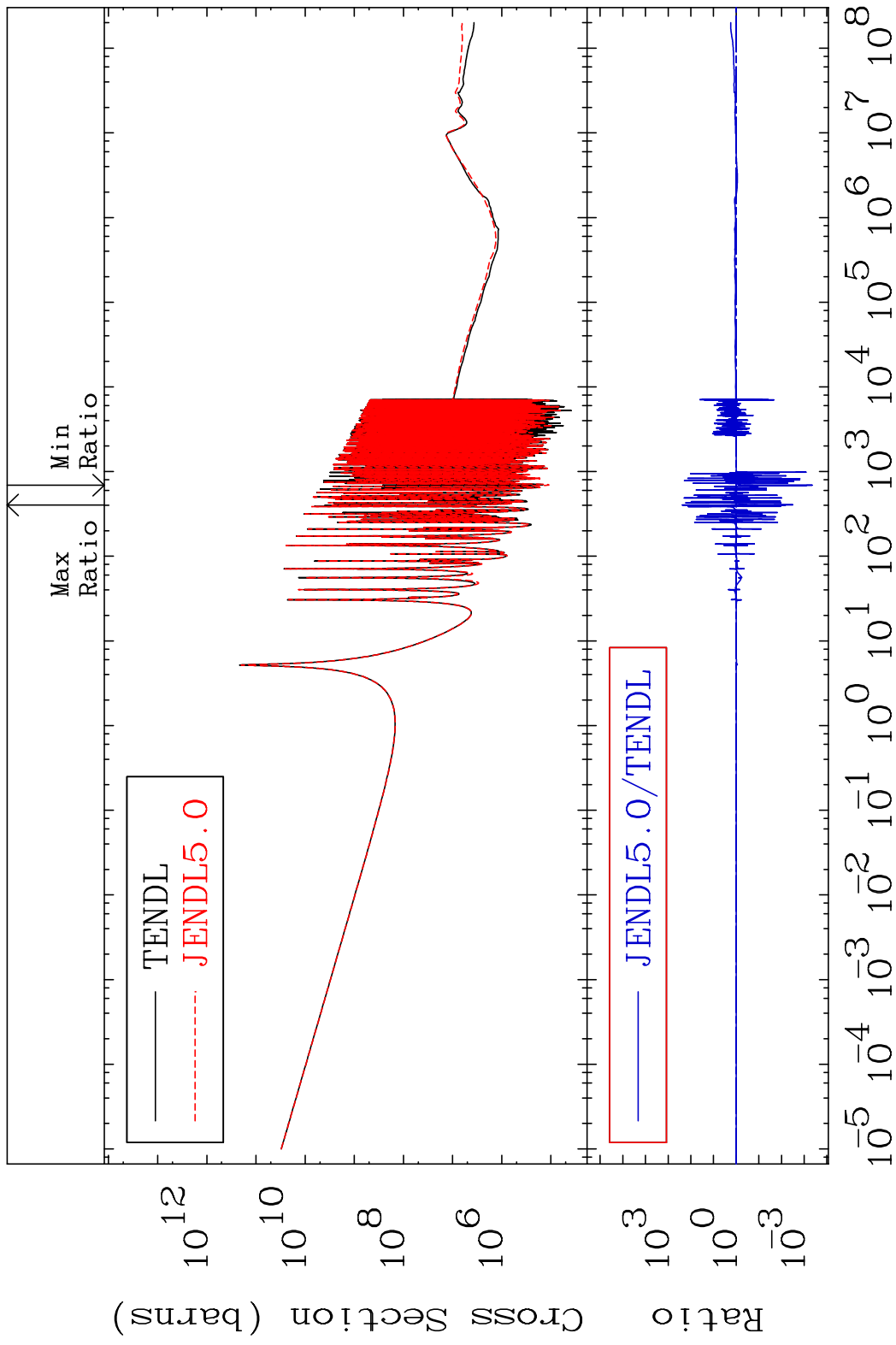
MAT 4731 Kerma fission (mt18 or mt19-20-21-38) #7-Ag-109
 Cross Section -100.0 To 9999. %



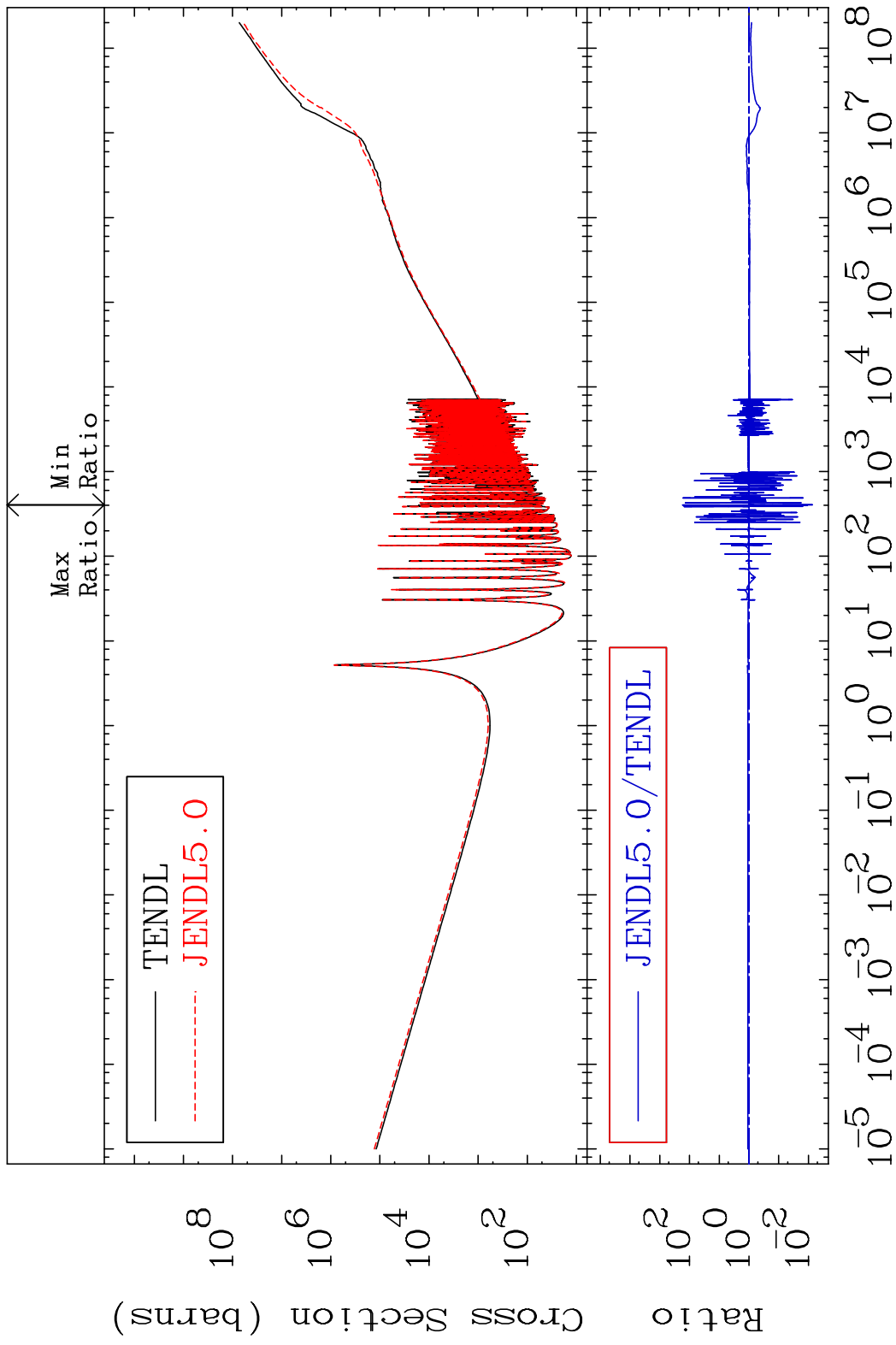
MAT 4731 Kerma capture (mt102) 47-Ag-109
 Cross Section -100.0 To 9999. %



MAT 4731 Total photon (eV-barns) 47-Ag-109
 Cross Section -99.96 To 9999. %



MAT 4731 Total kinematic kerma (high limit) 47-Ag-109
 Cross Section -99.27 To 9999. %

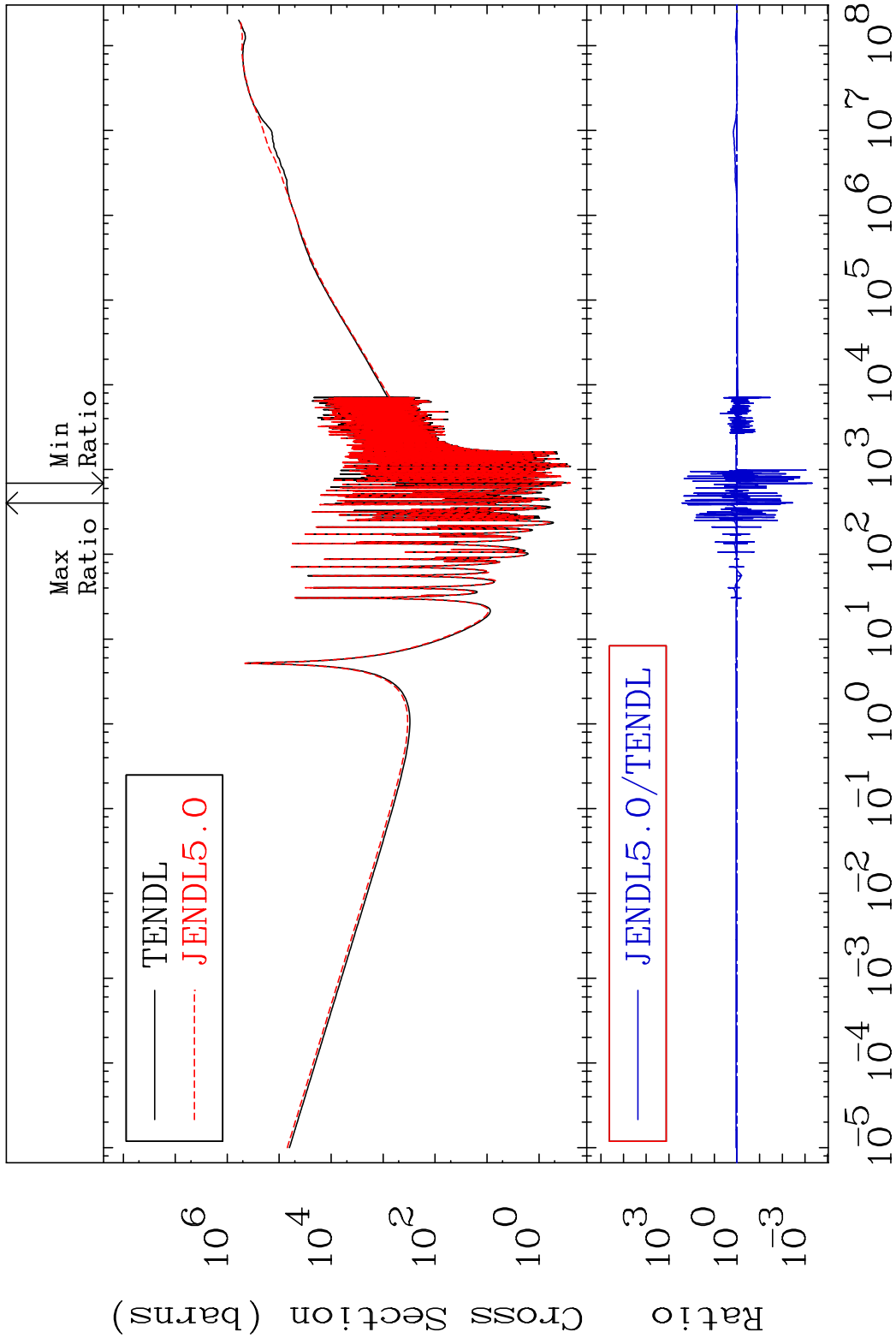


MAT 4731

Dpa total (eV-barns)

47-Ag-109

Cross Section -99.95 To 9999. %



51

Incident Energy (eV)

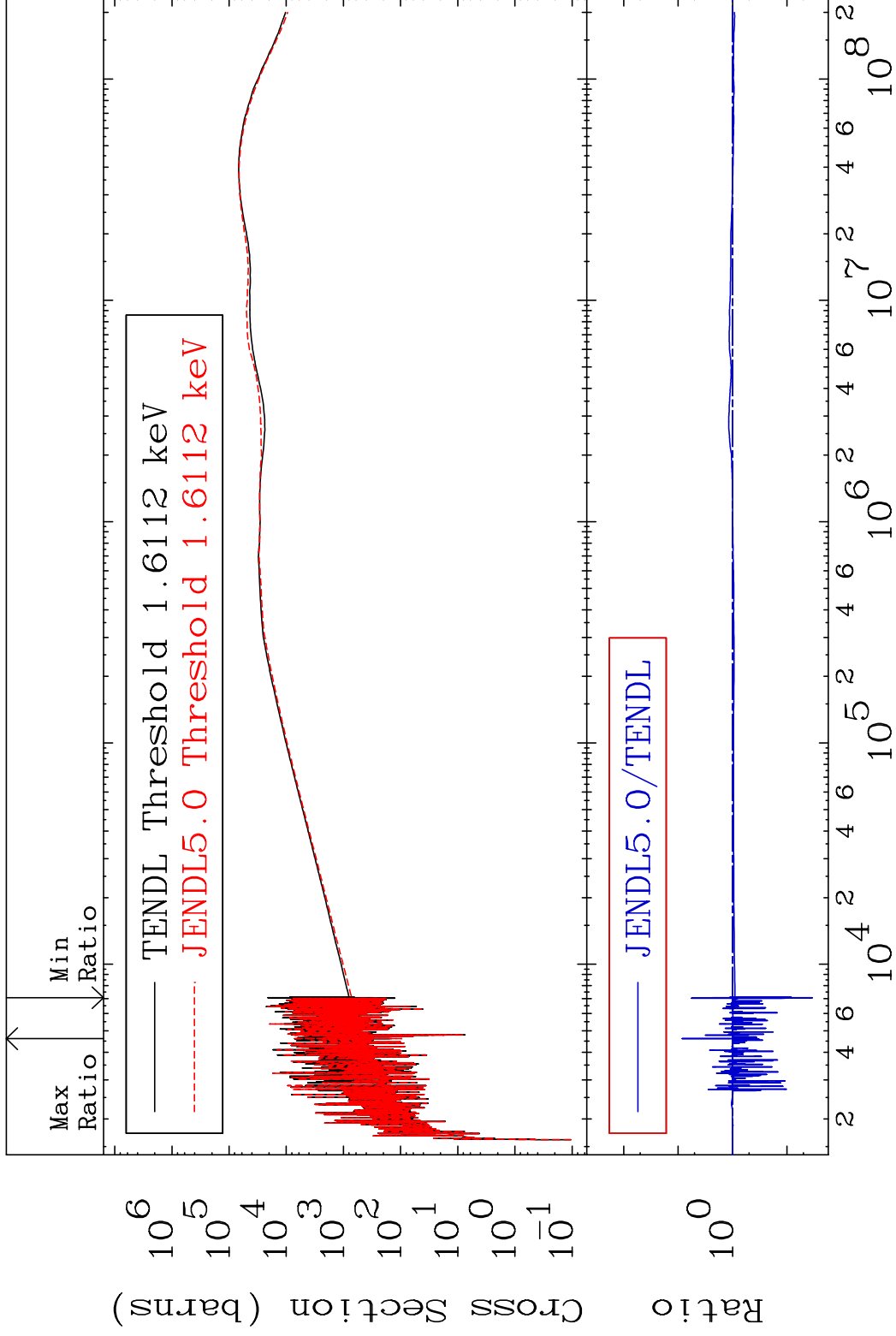
47-Ag-109

MAT 4731

Dpa elastic (mt2)

47-Ag-109

Cross Section -96.59 To 745.5 %



52

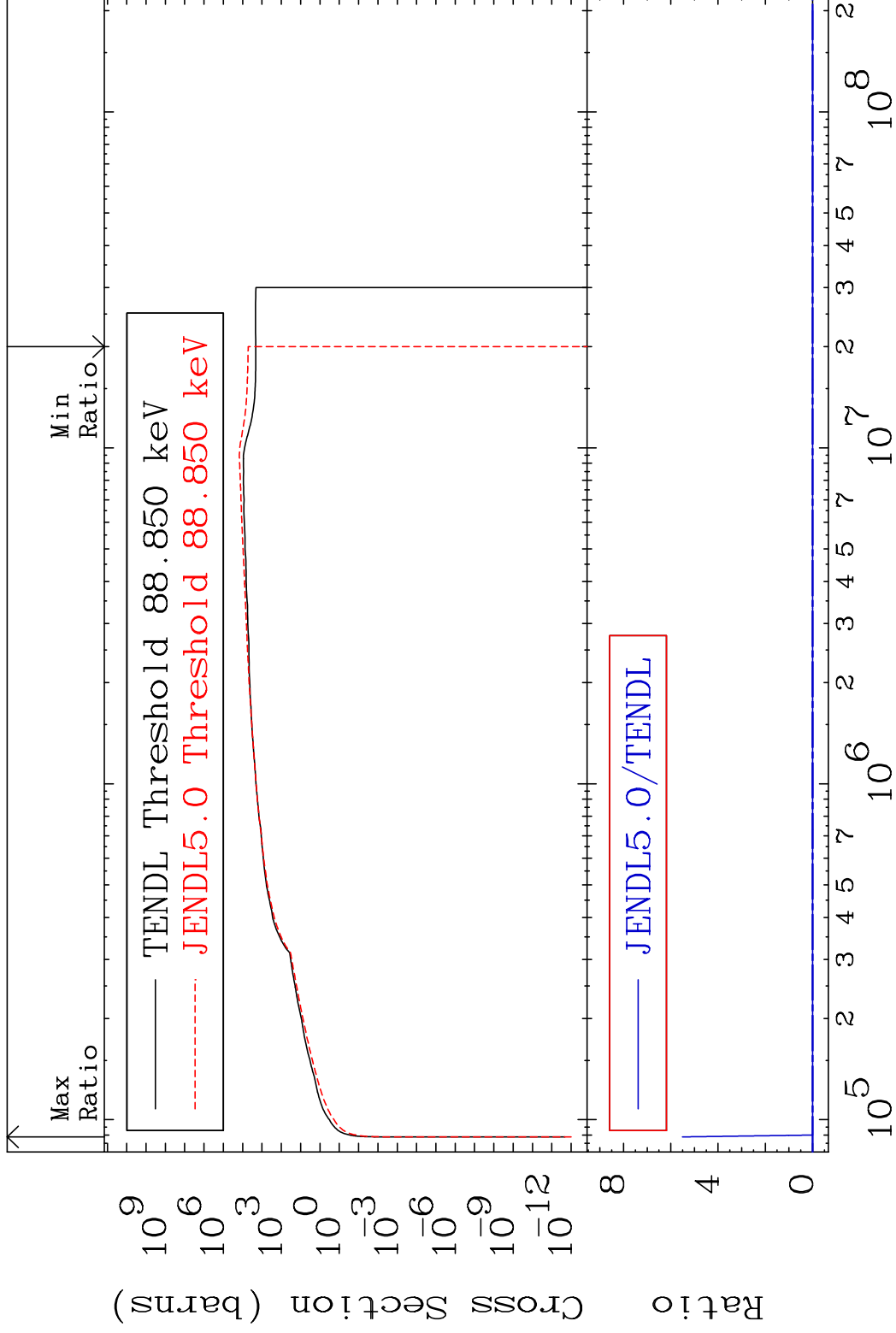
Incident Energy (eV)

47-Ag-109

MAT 4731

Dpa inelastic (mt51-91) 47-Ag-109

Cross Section -100.0 To 9999. %

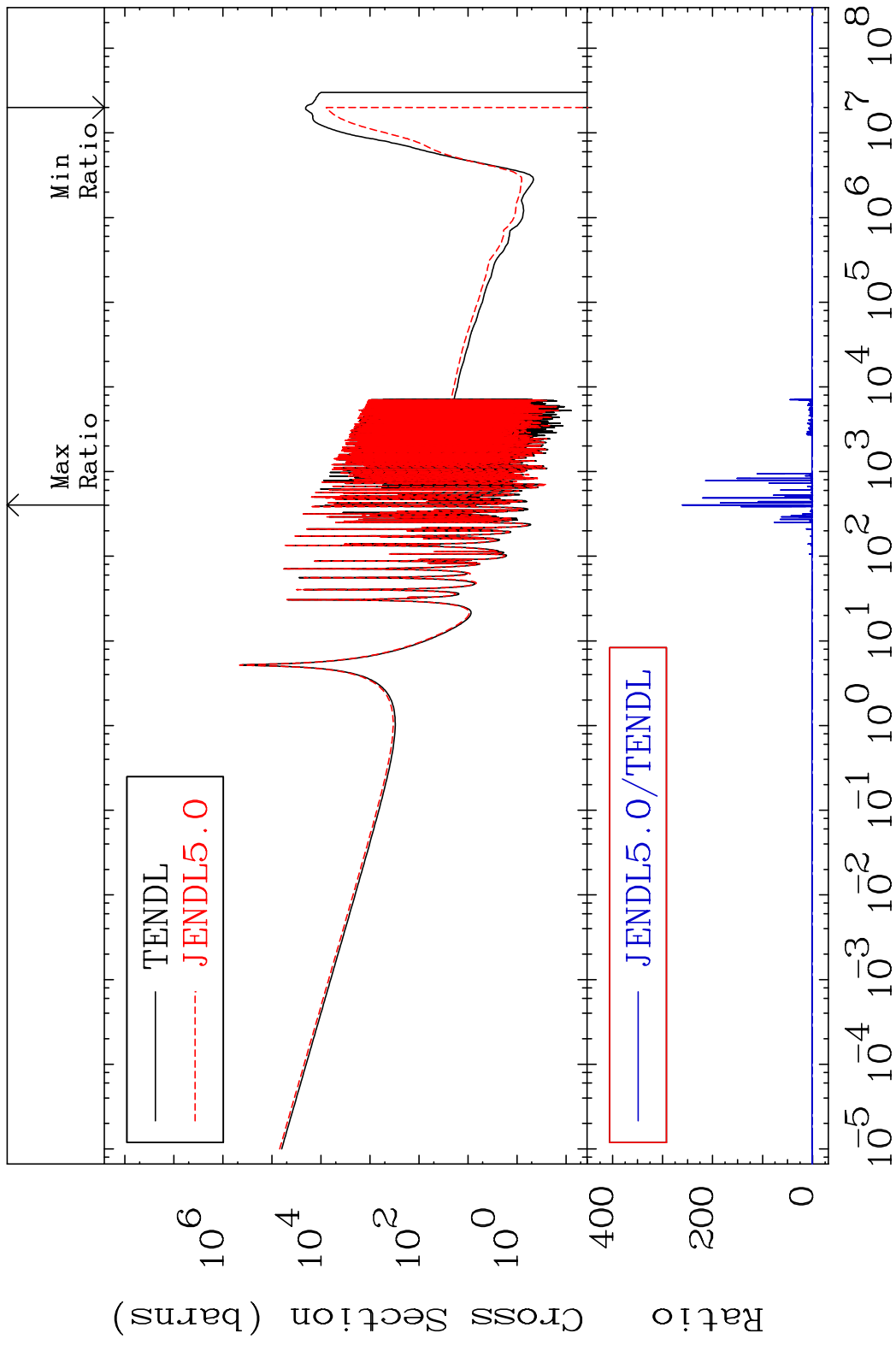


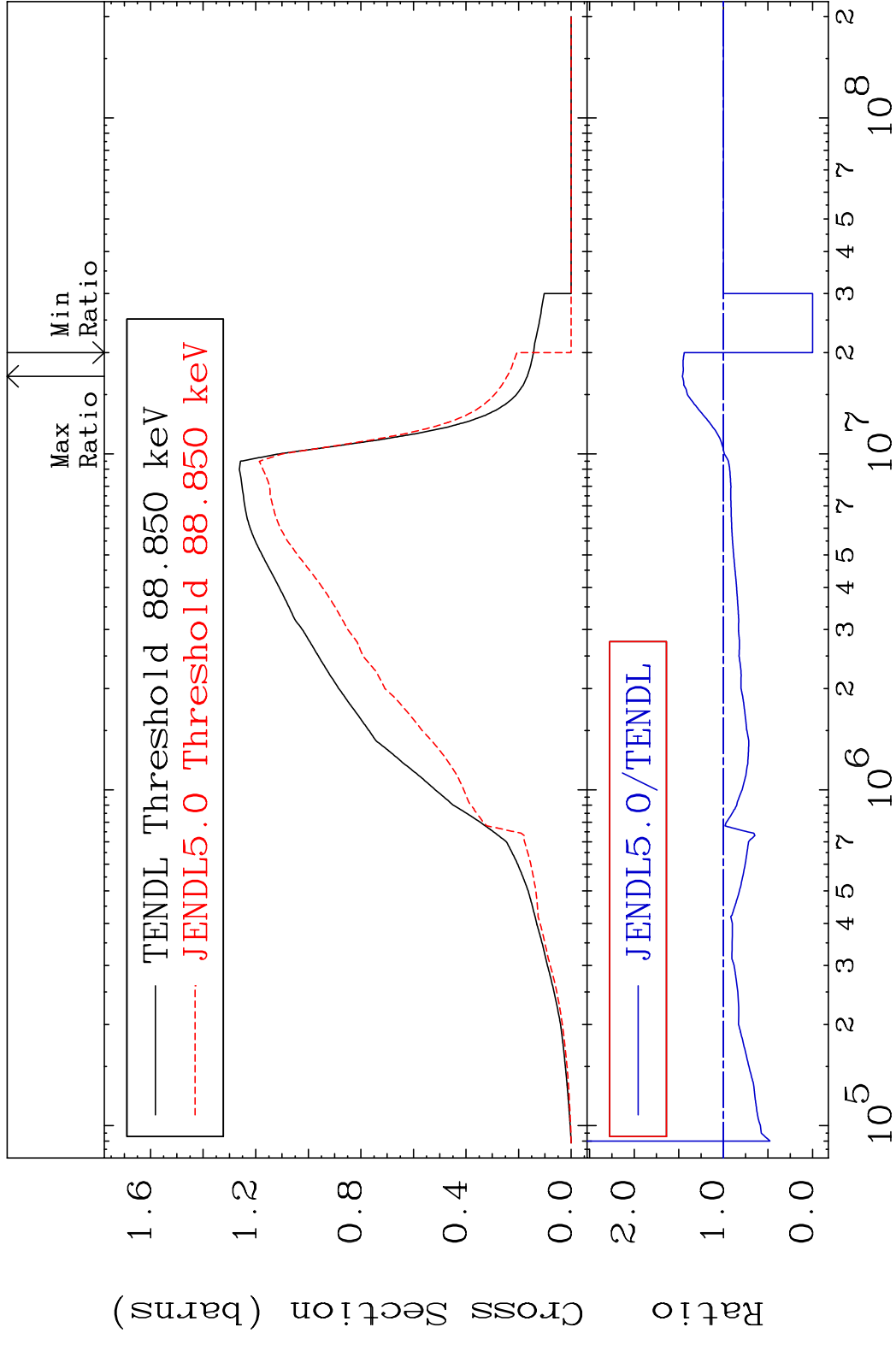
53

Incident Energy (eV)

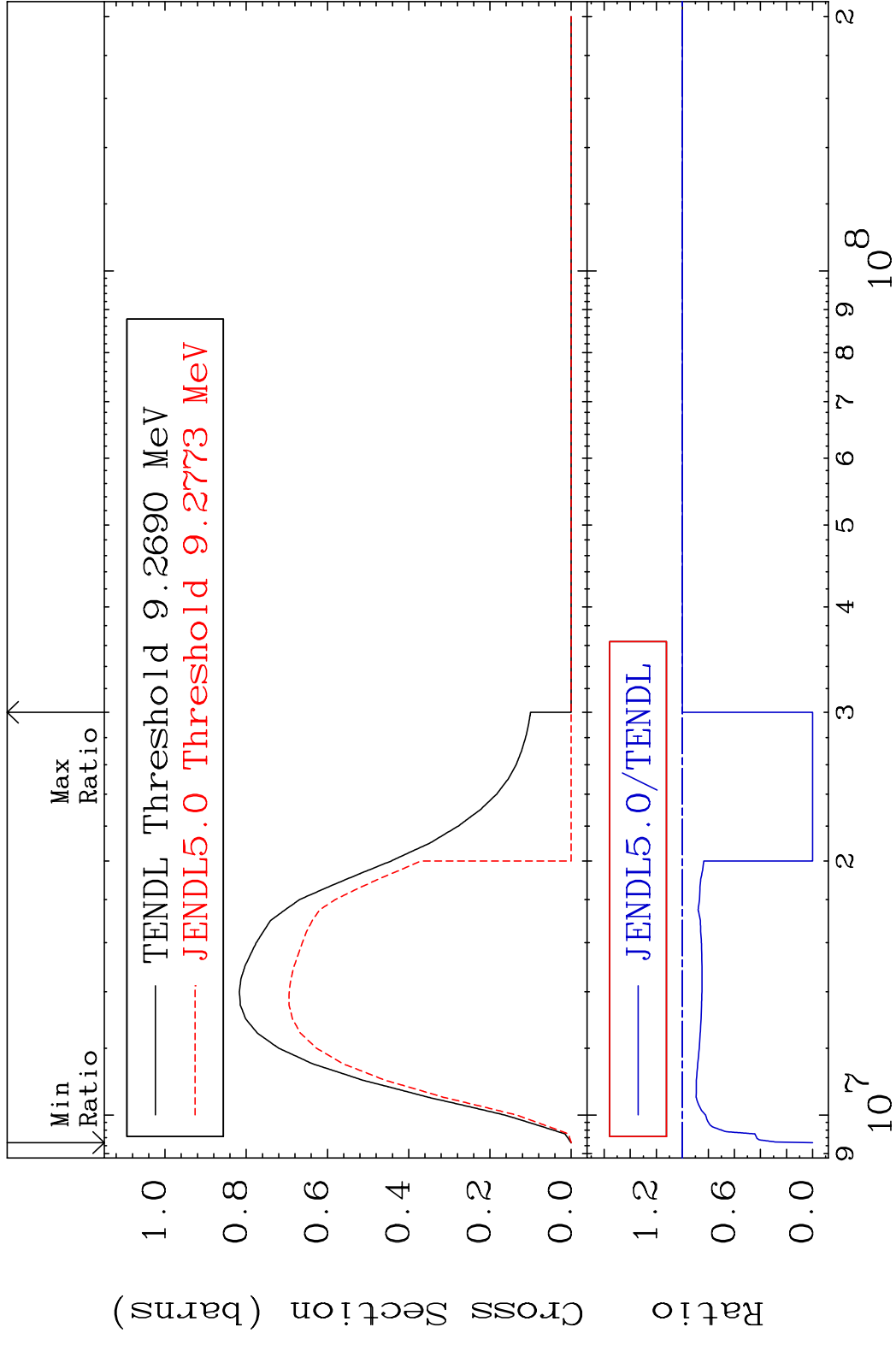
47-Ag-109

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

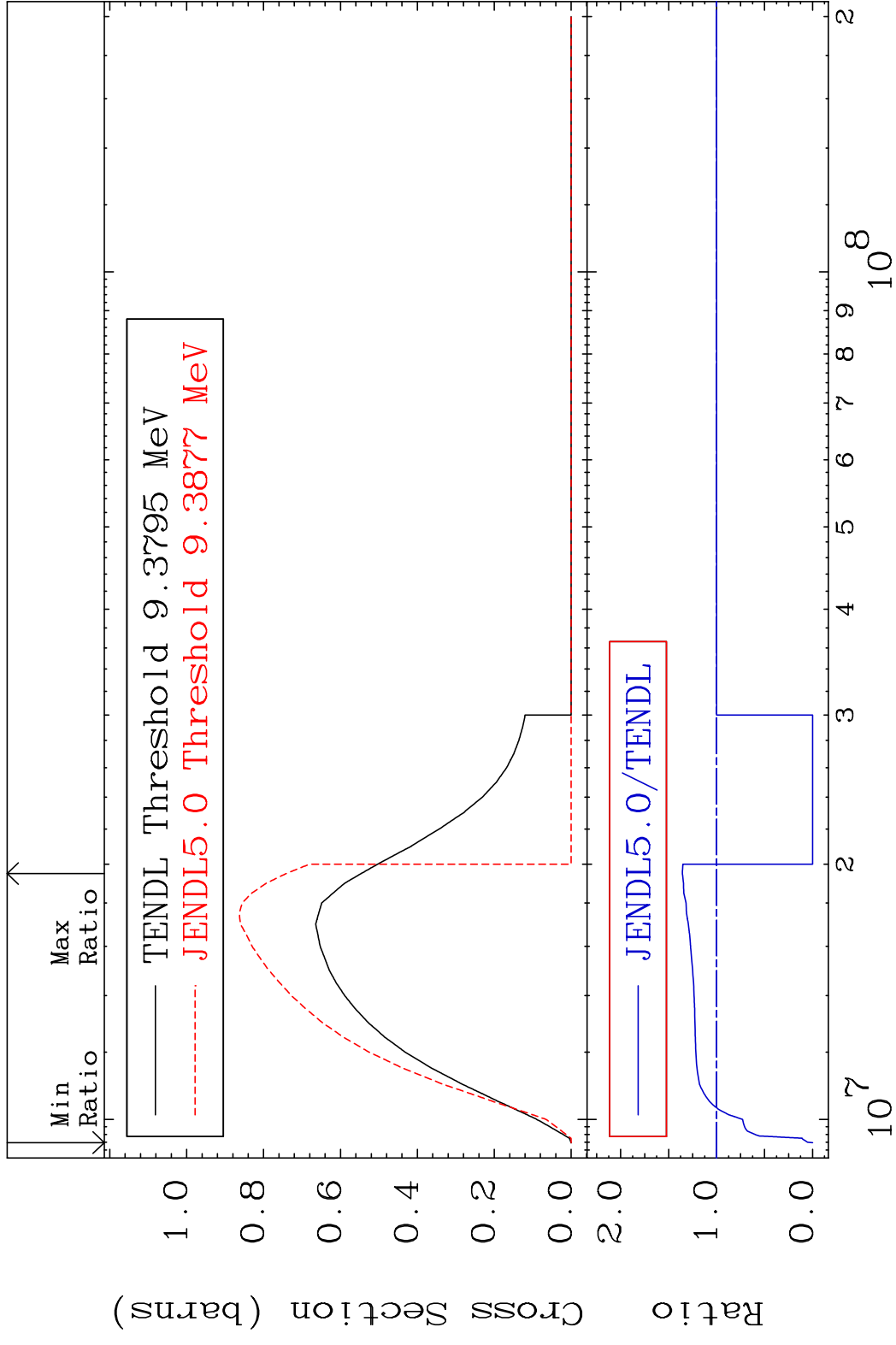




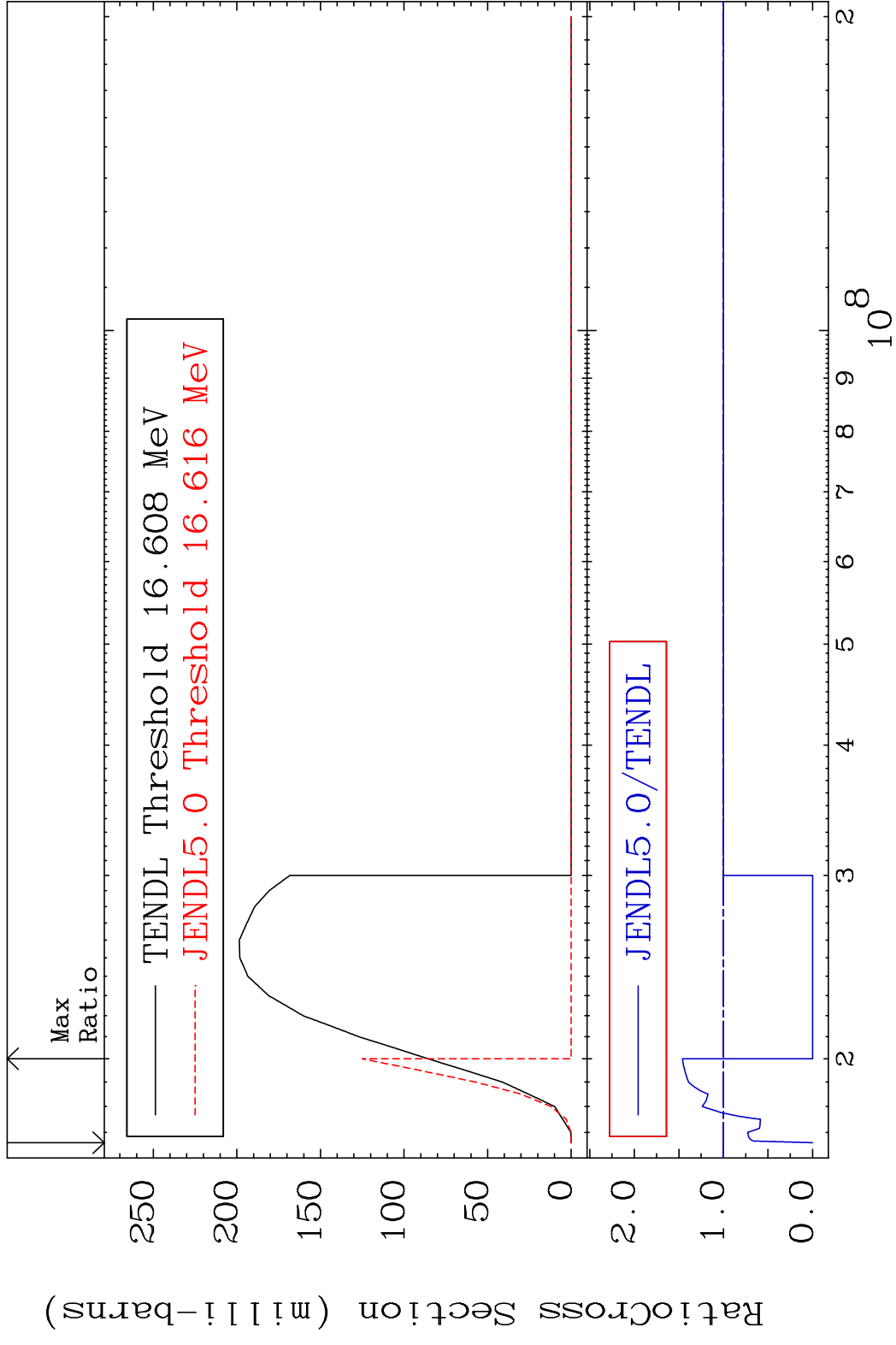
MAT 4731 (n,2n):47-Ag-108g 47-Ag-109
 Radionuclide Production Cross Section 180.01 dth 0.000 %



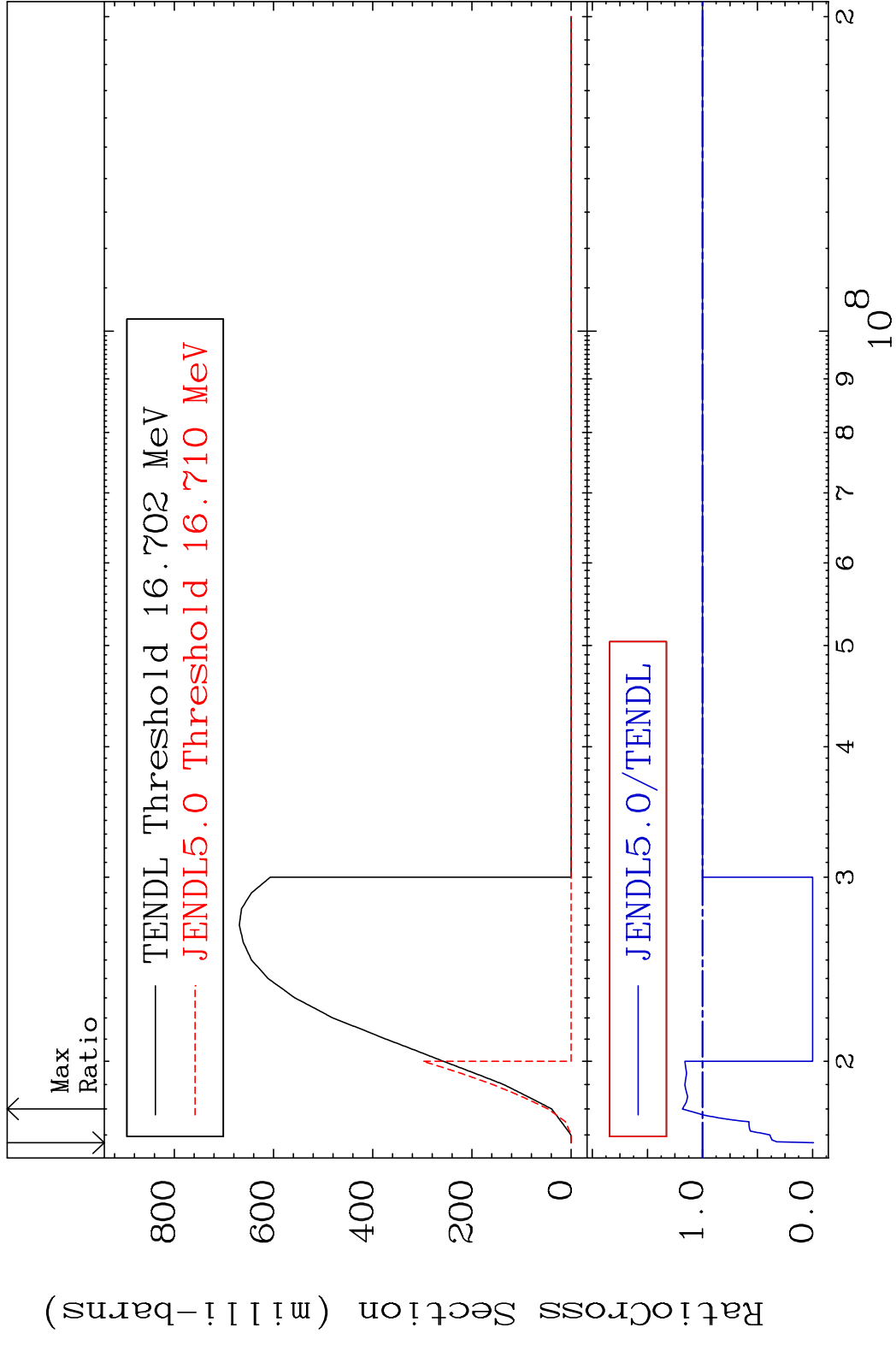
MAT 4731 (n,2n): 47-Ag-108m2 47-Ag-109
 Radionuclide Production Cross Section Ratio 35.72 %

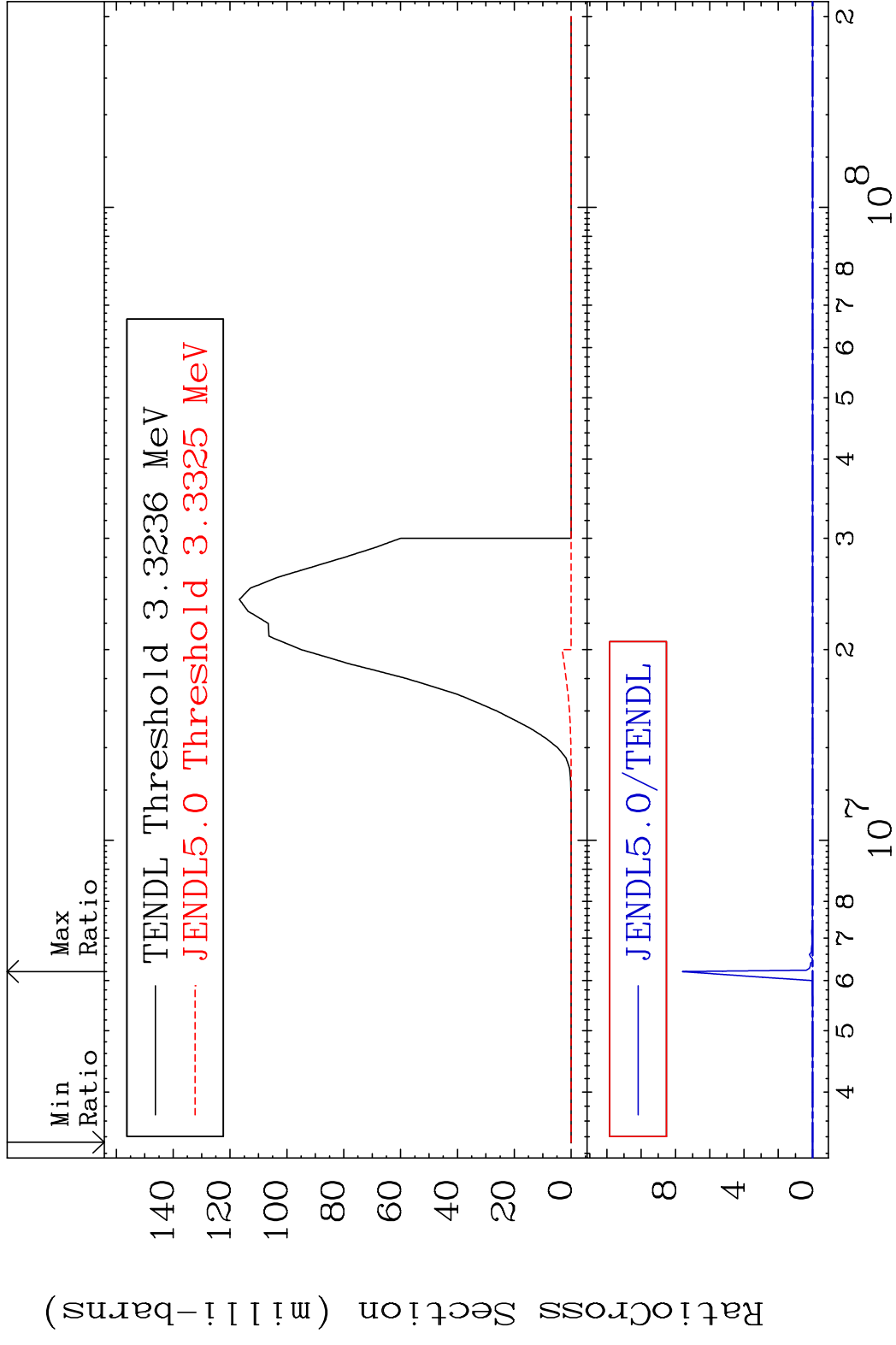


MAT 4731 (n,3n):47-Ag-107g 47-Ag-109
 Radionuclide Production Cross Section 180.0 mb 46.08 %

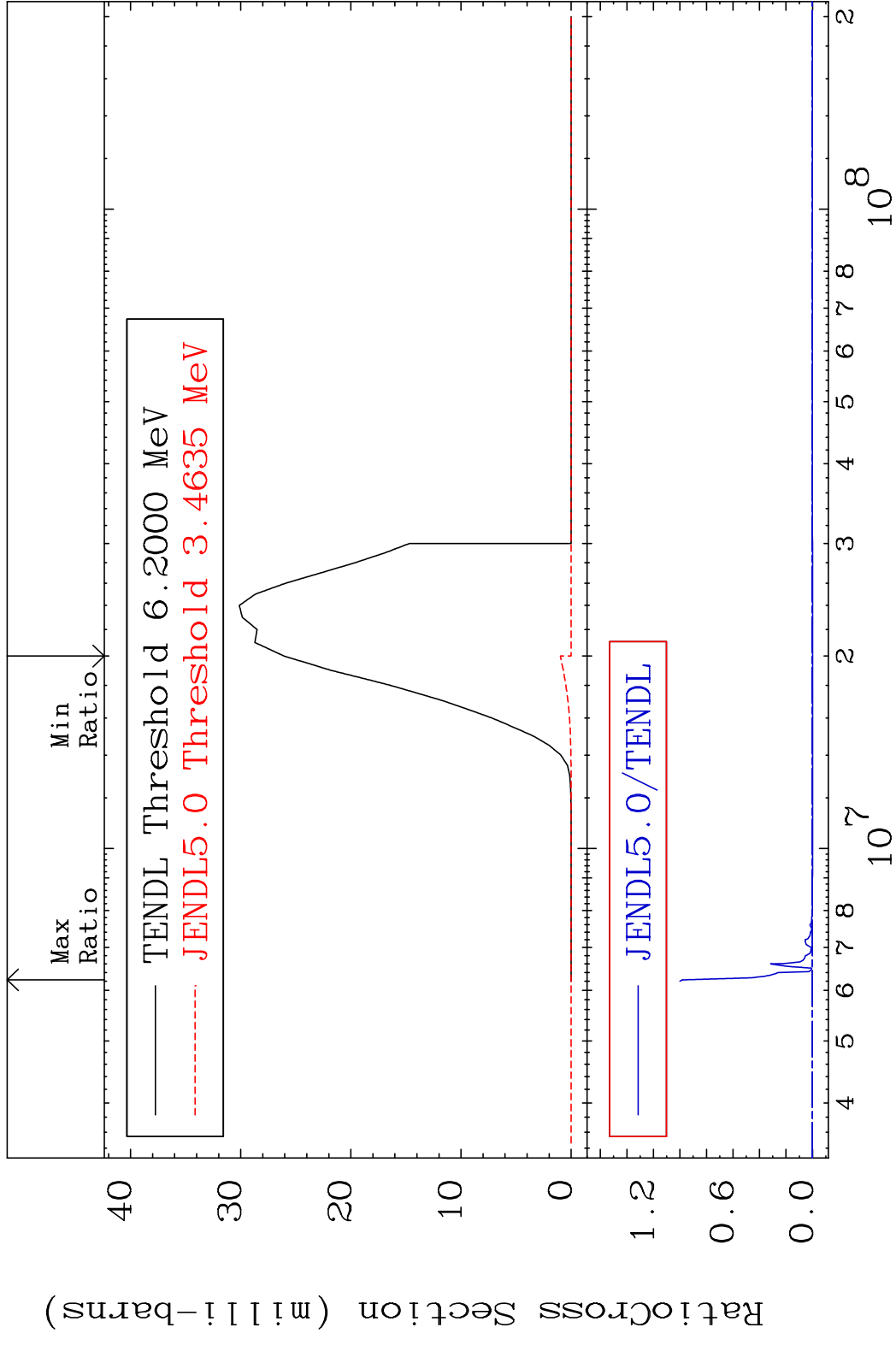


MAT 4731 (n, 3n) : 47-Ag-107m1 47-Ag-109
 Radionuclide Production Cross Section 18.25 %

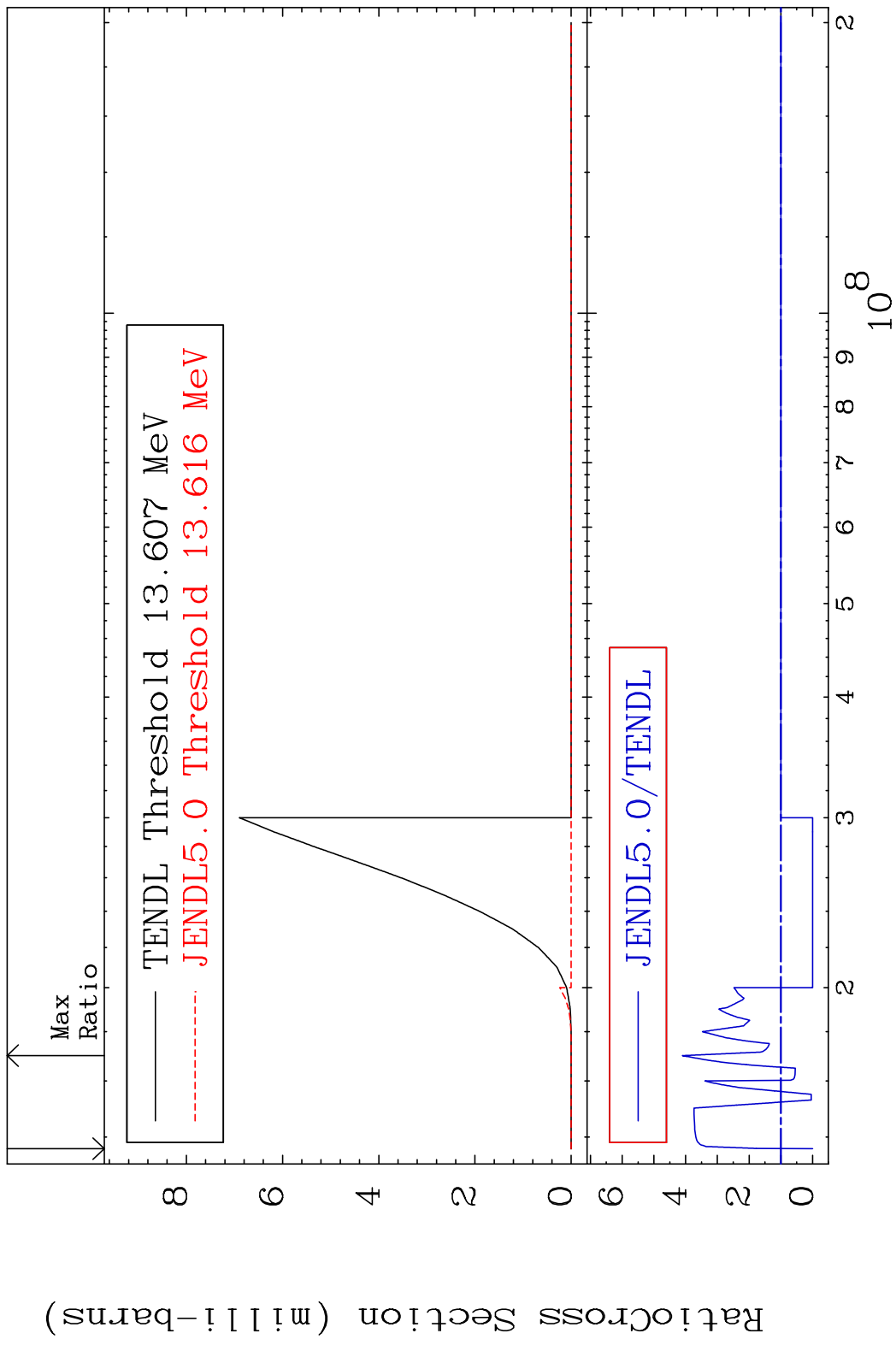




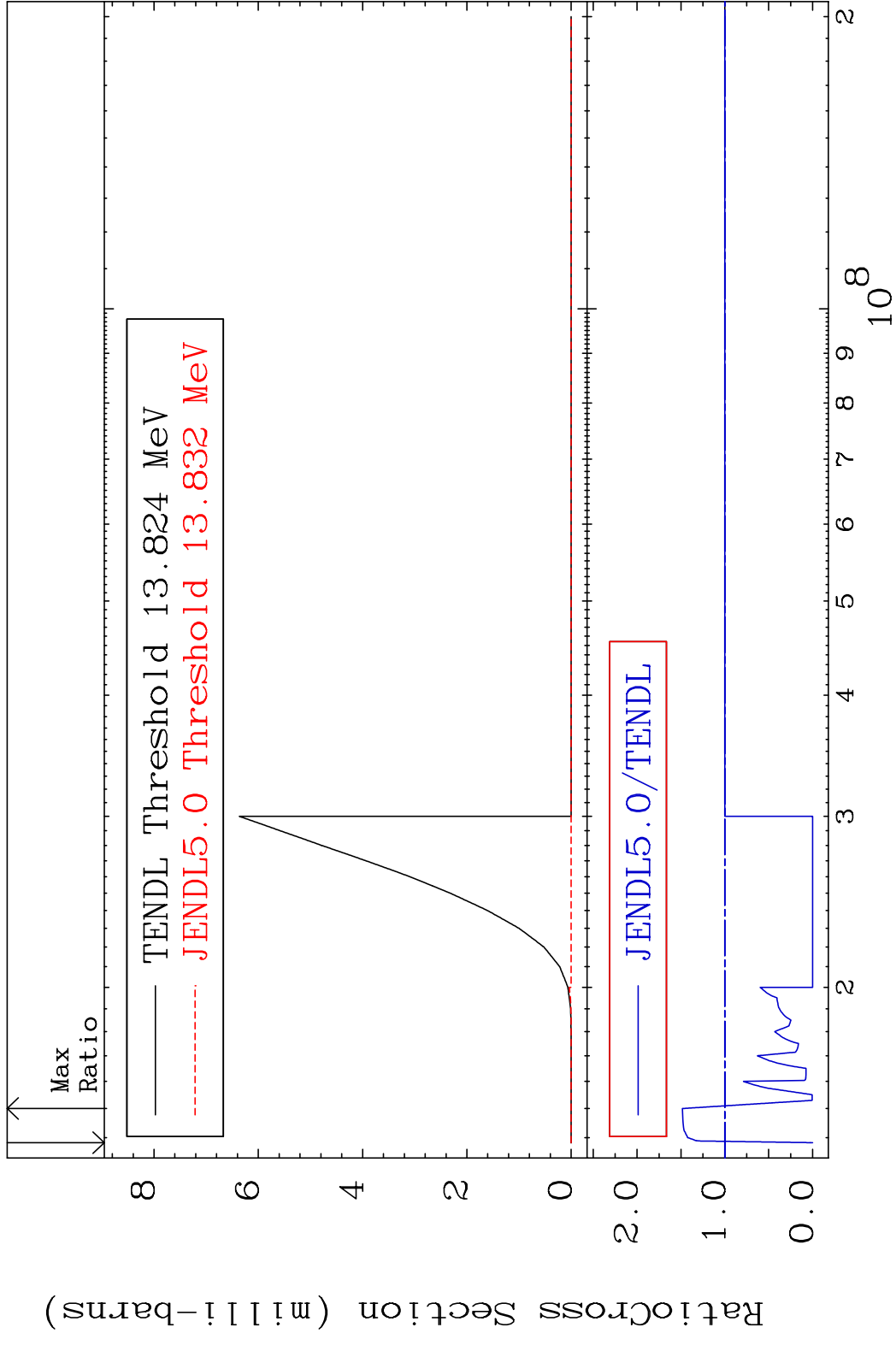
MAT 4731 (n, n') α :45-Rh-105m1 47-Ag-109
 Radionuclide Production Cross Section Ratio 9999. %

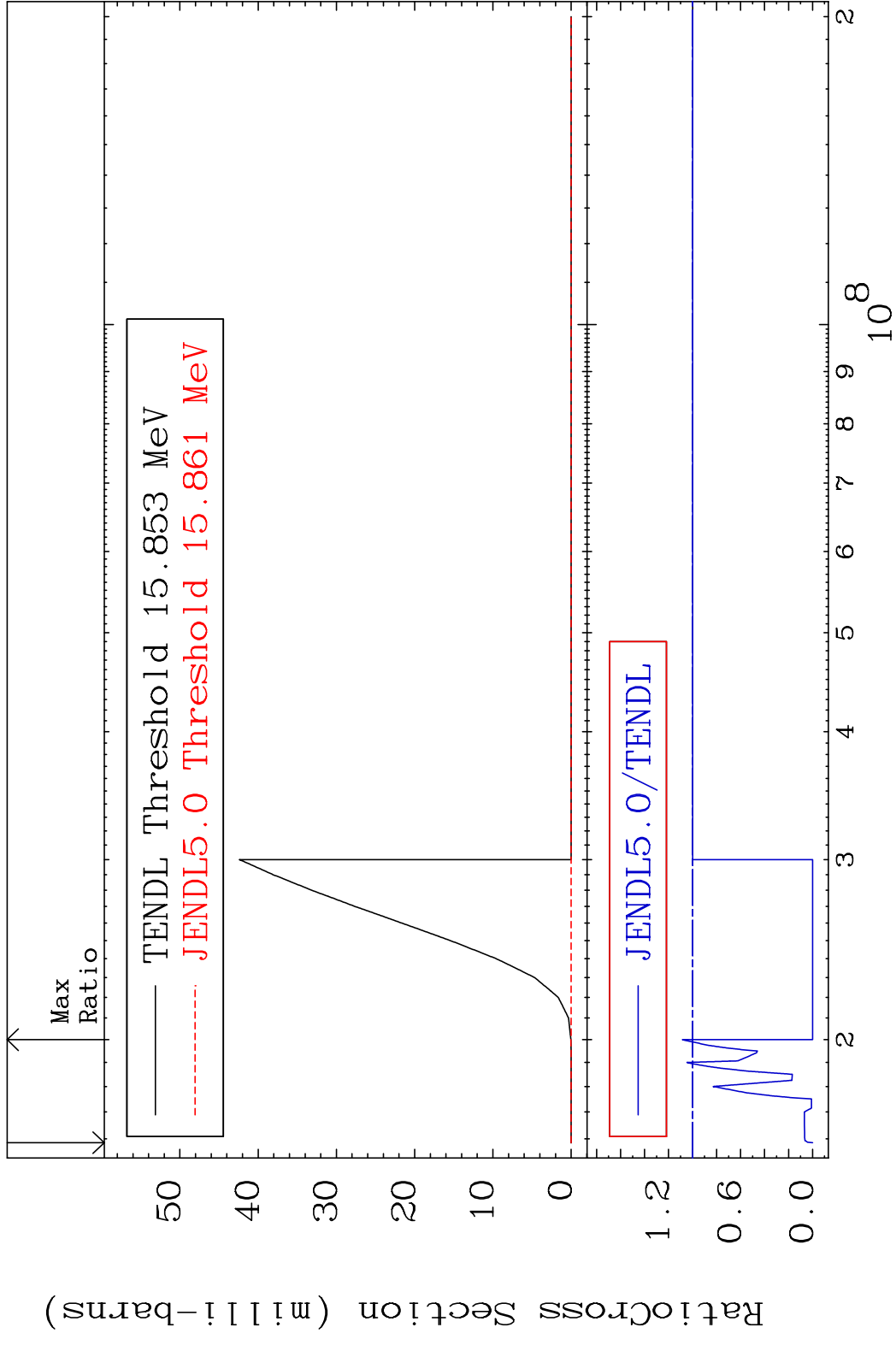


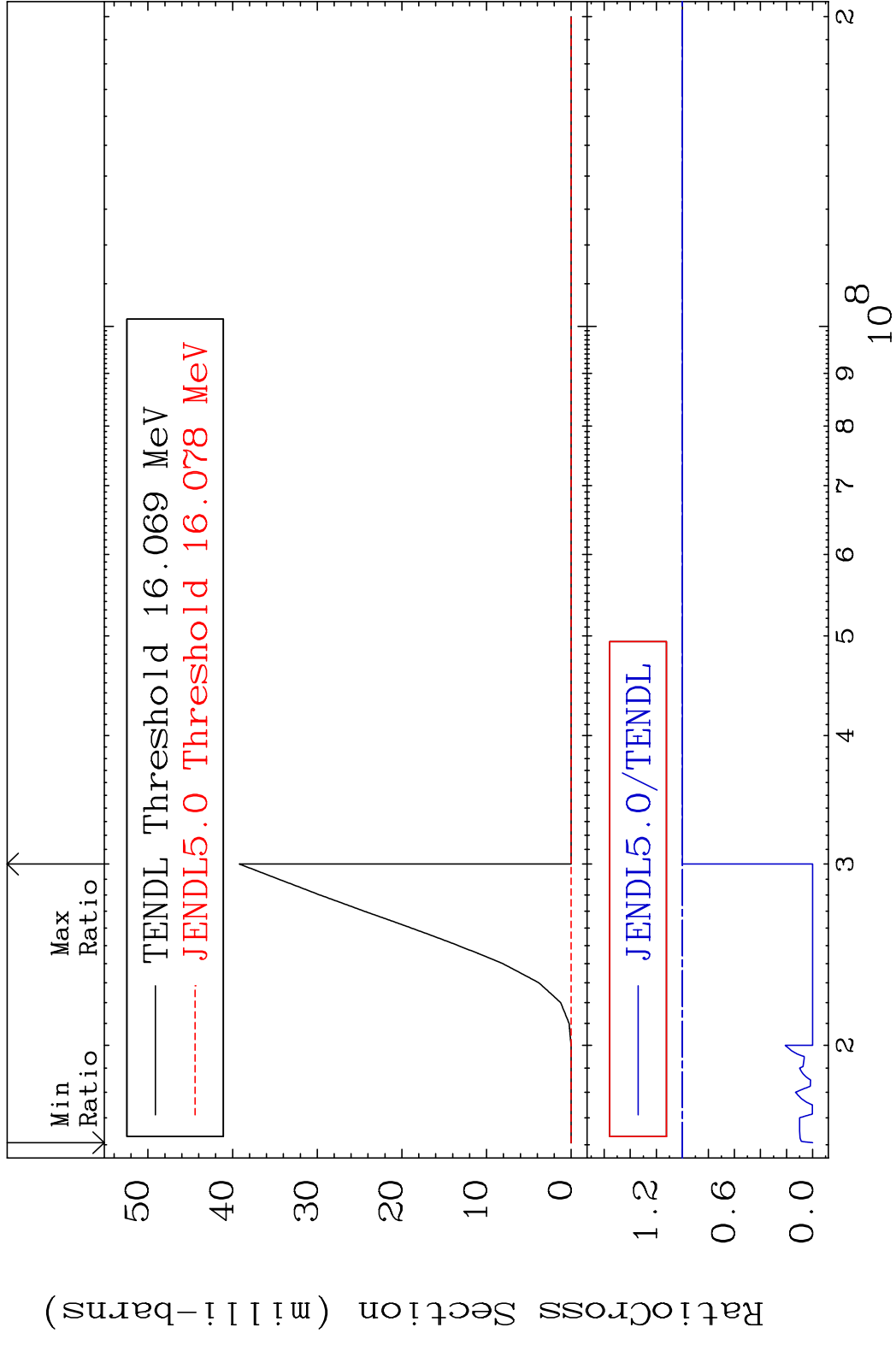
MAT 4731 (n, n') d:46-Pd-107g 47-Ag-109
 Radionuclide Production Cross Section 180.0 dth 310.4 %

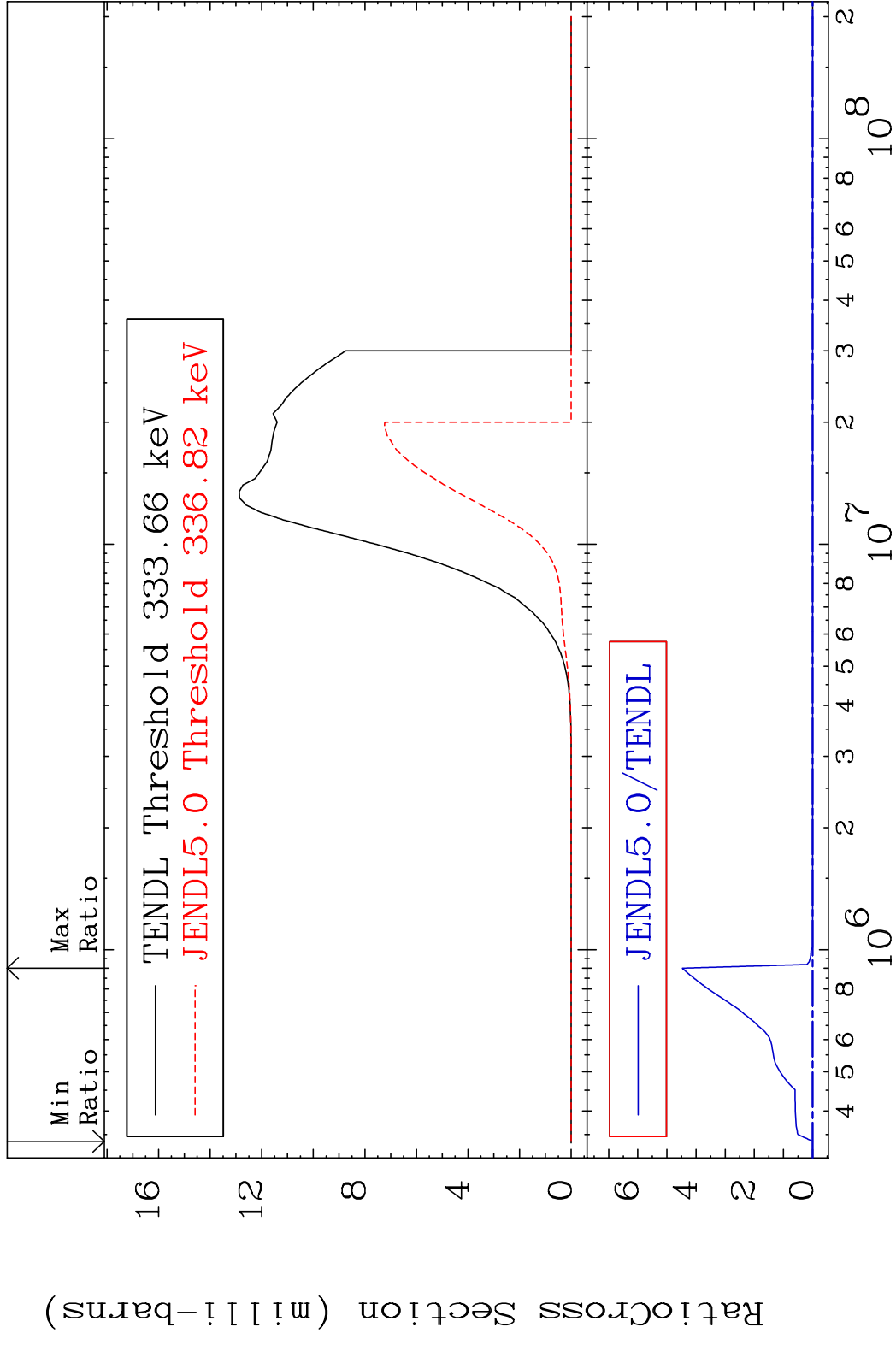


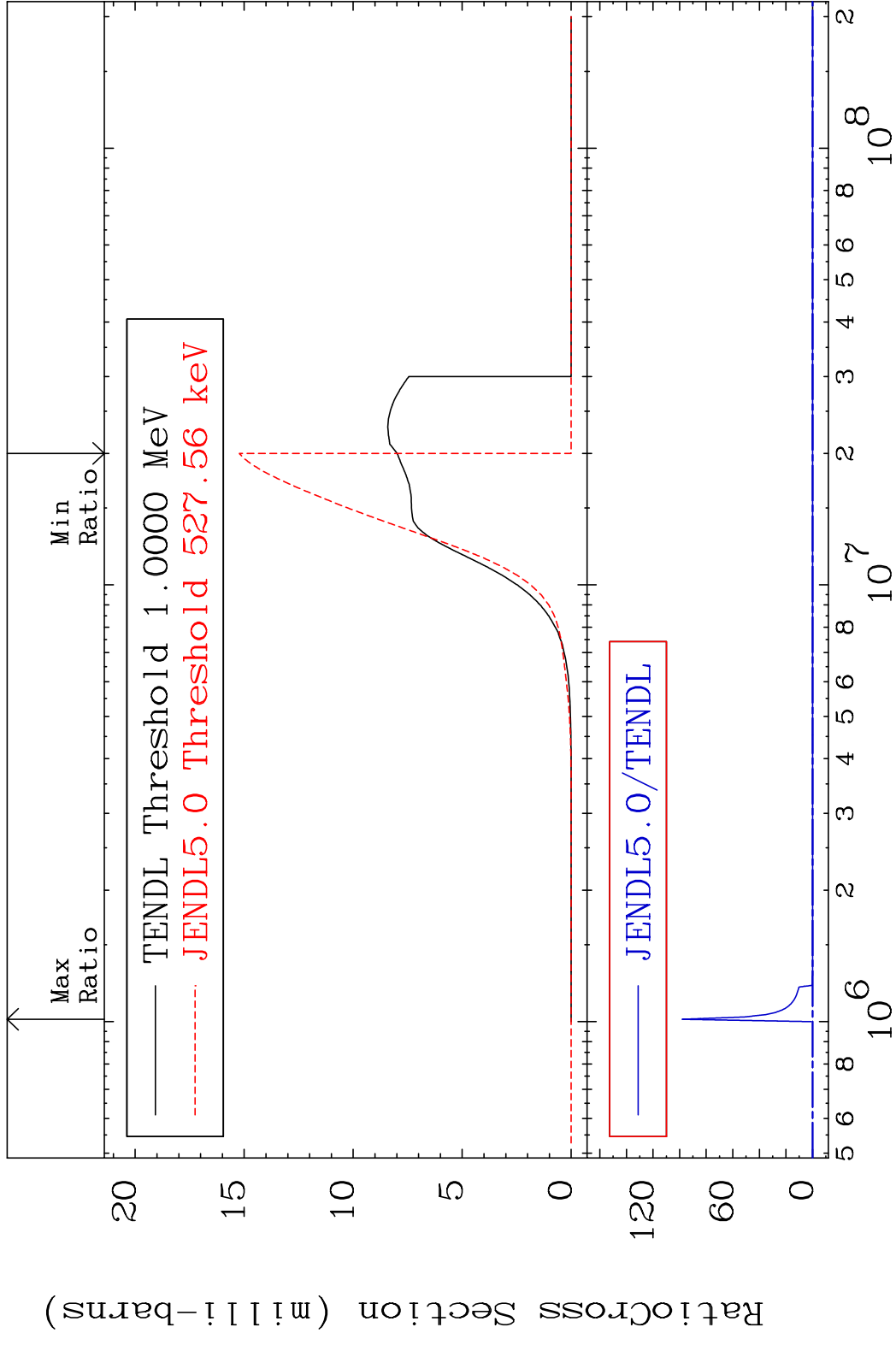
MAT 4731 (n, n') d:46-Pd-107m2 47-Ag-109
 Radionuclide Production Cross Section to 48.42 %

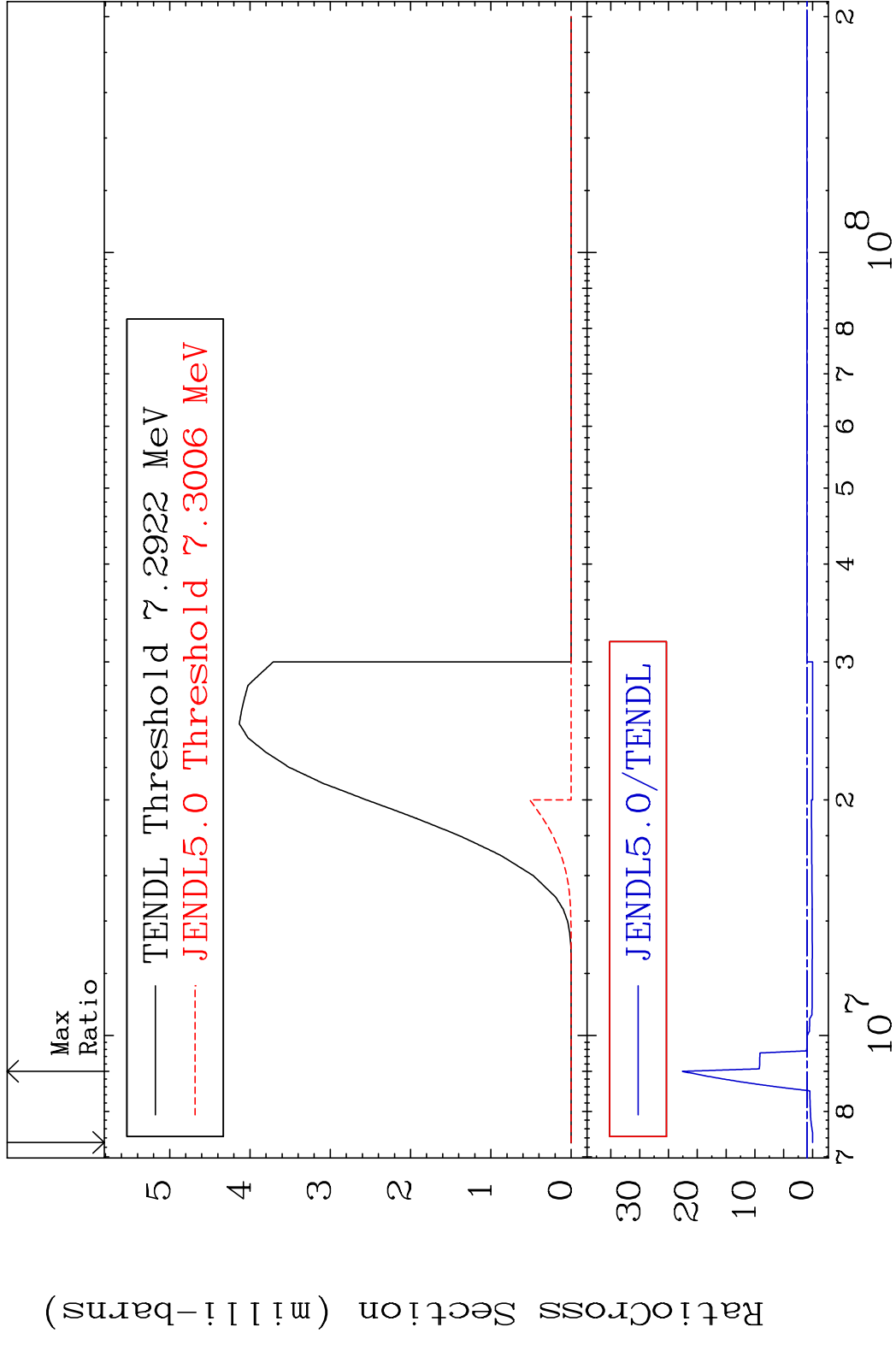












MAT 4731 (n, t): 46-Pd-107m2 47-Ag-109
 Radionuclide Production Cross Section 180.0 d to 1457. %

