

Program Complot
(Version 2021-1)

by

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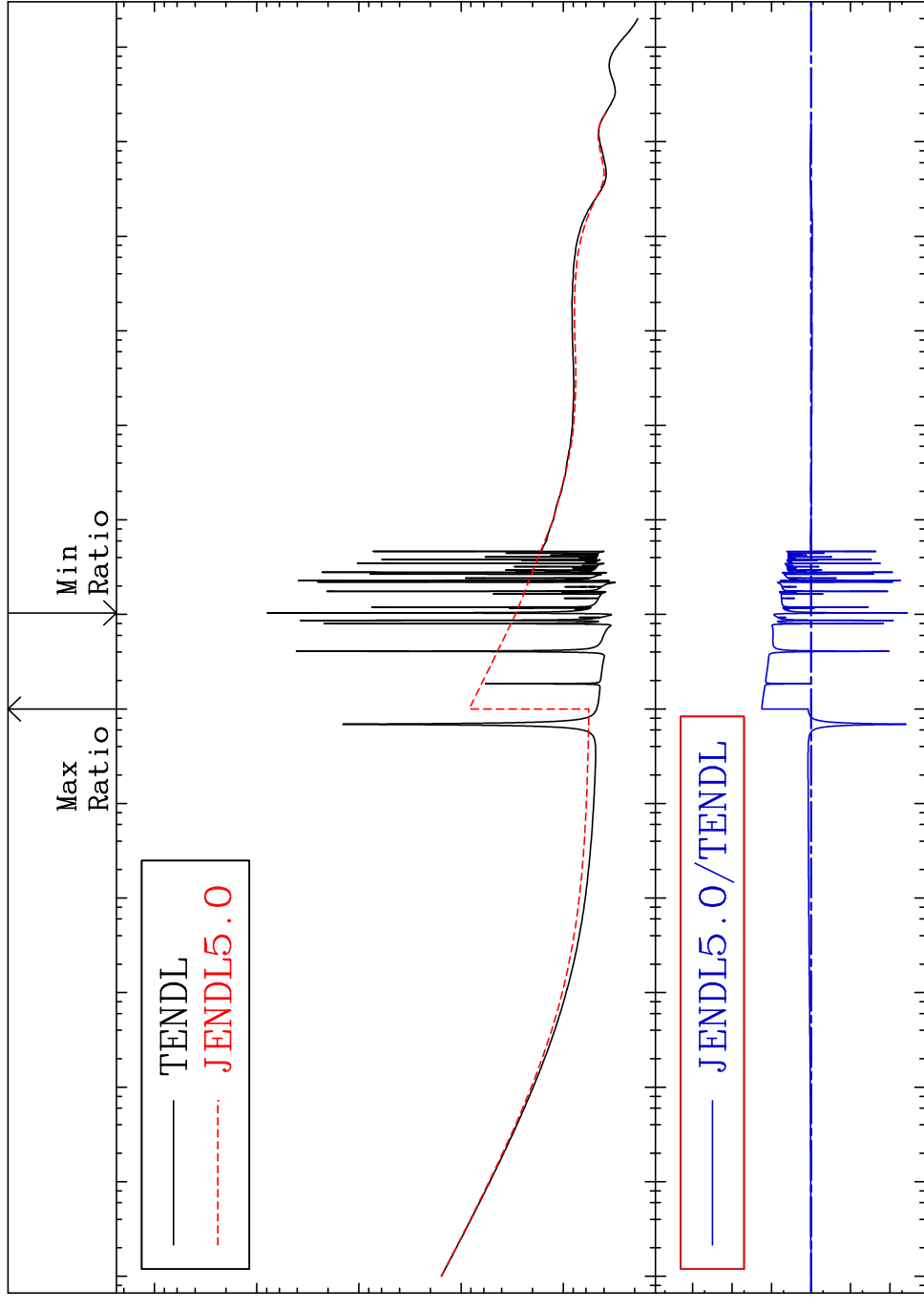
Press Mouse Button to Start

MAT 4737

47-Ag-111

Total

Cross Section -99.63 To 1663. %



Cross Section (barns)

Incident Energy (eV)

47-Ag-111

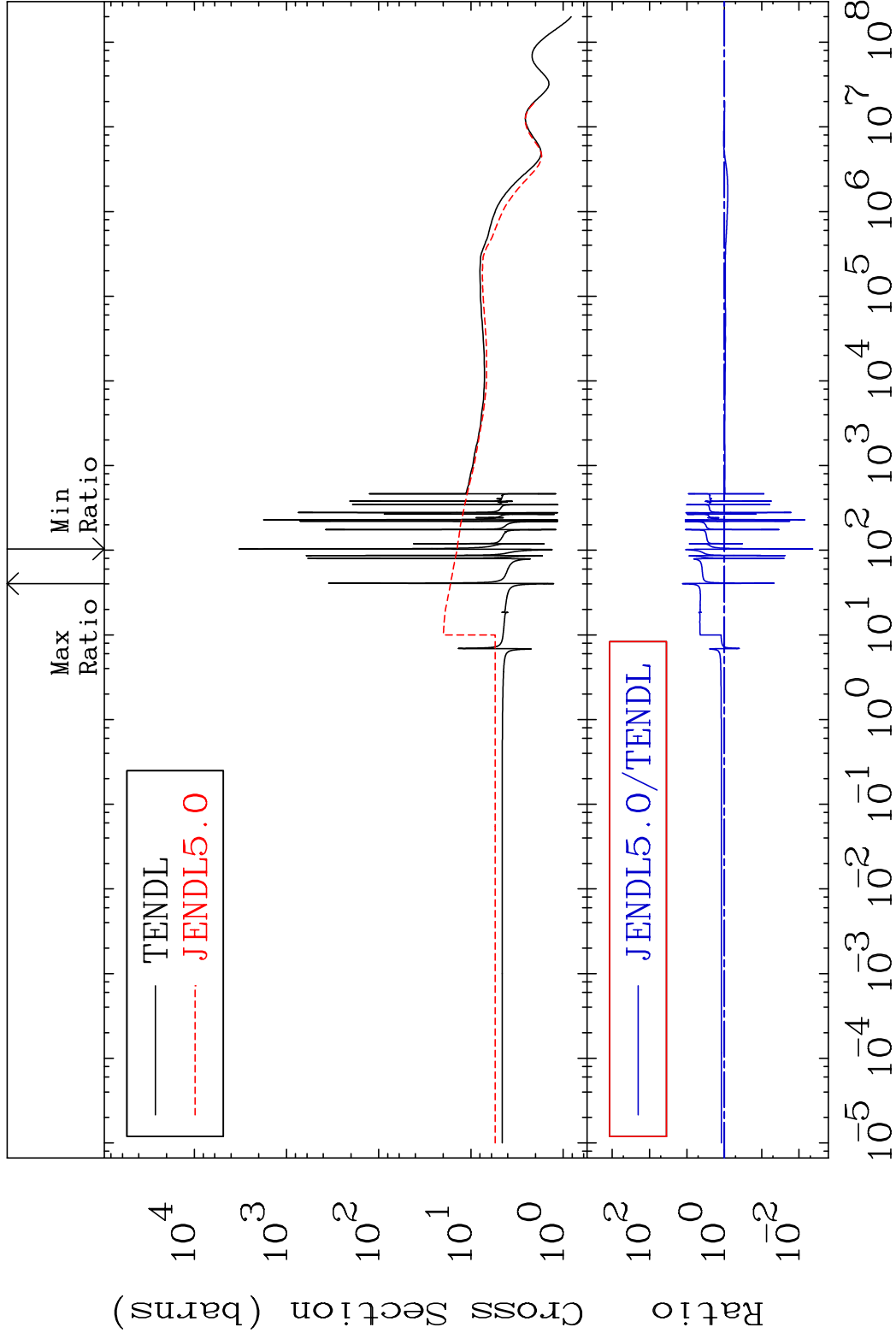
1 Incident Energy (eV)

MAT 4737

Elastic

47-Ag-111

Cross Section -99.57 To 1221. %



2

Incident Energy (eV)

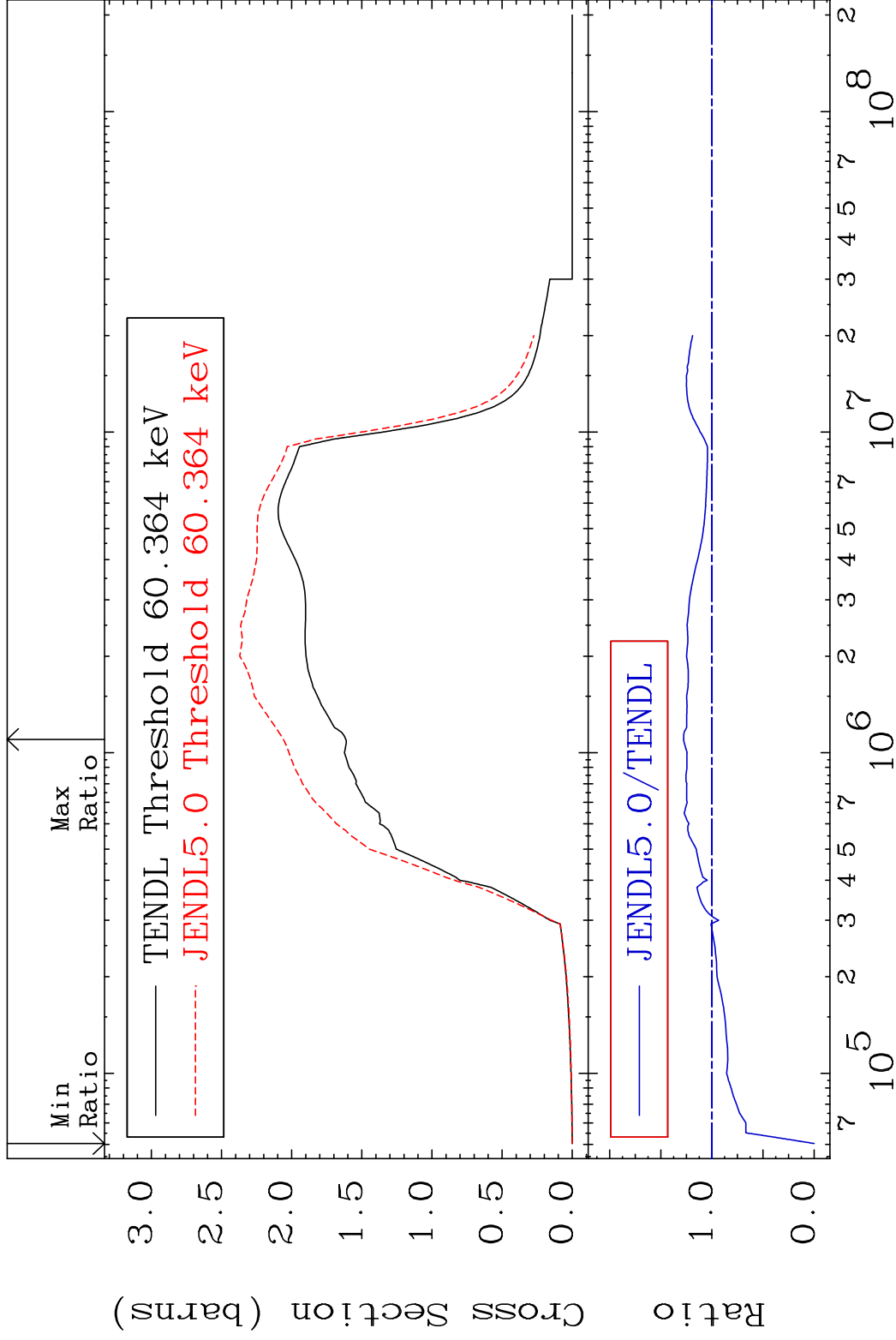
47-Ag-111

MAT 4737

Inelastic

47-Ag-111

Cross Section -100.0 To 27.64 %



3

Incident Energy (eV)

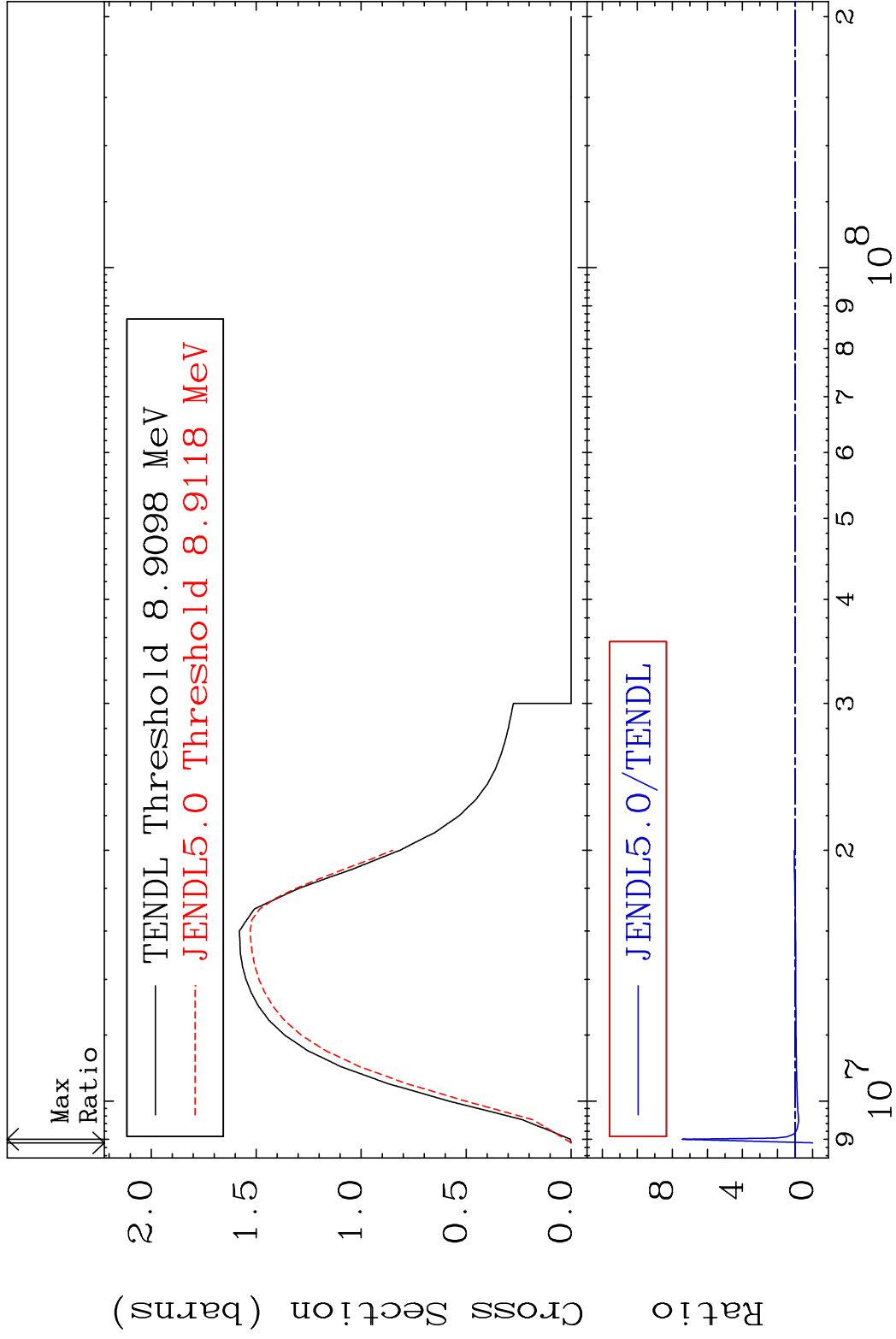
47-Ag-111

MAT 4737

(n,2n)

47-Ag-111

Cross Section -100.0 To 643.0 %



4

Incident Energy (eV)

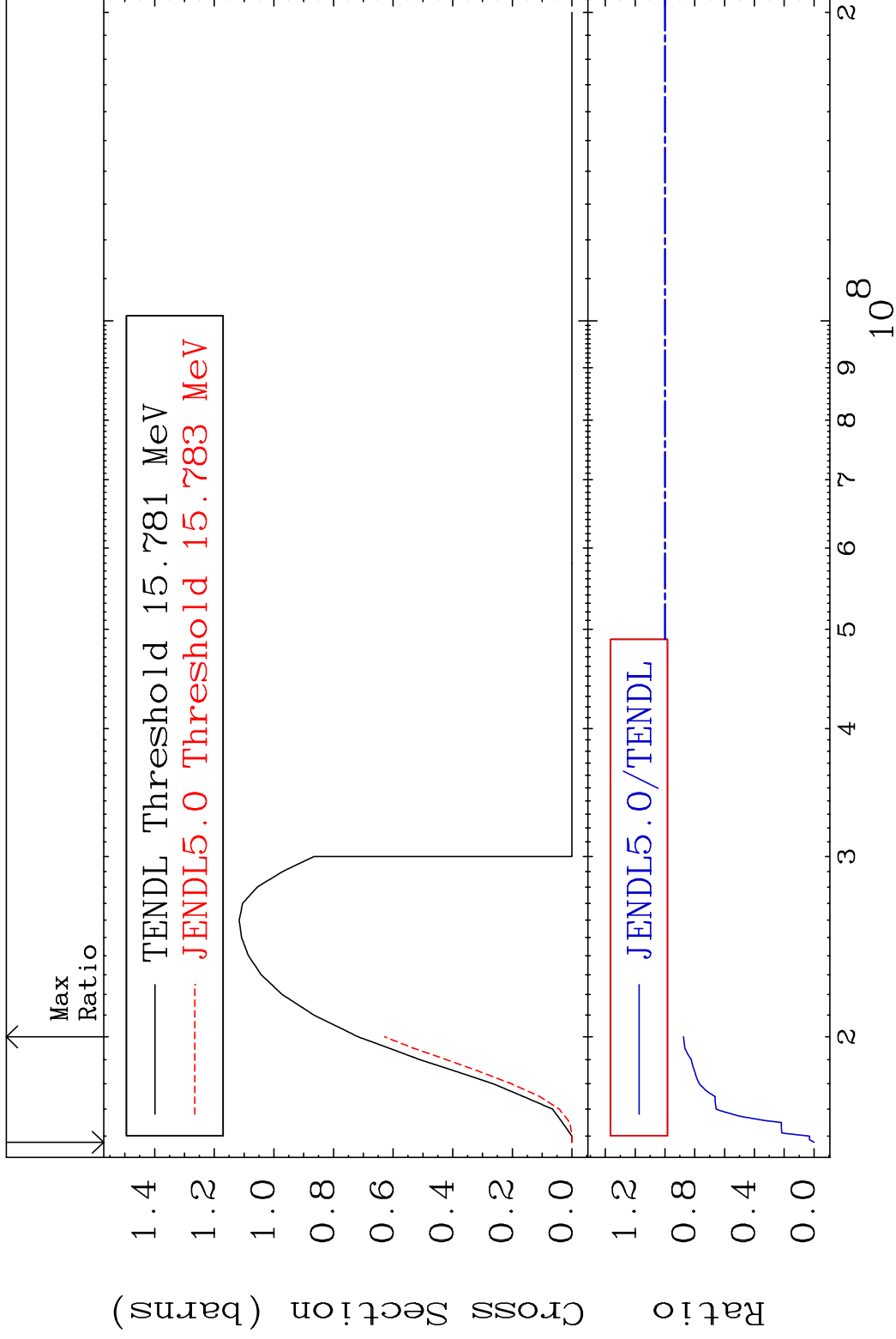
47-Ag-111

MAT 4737

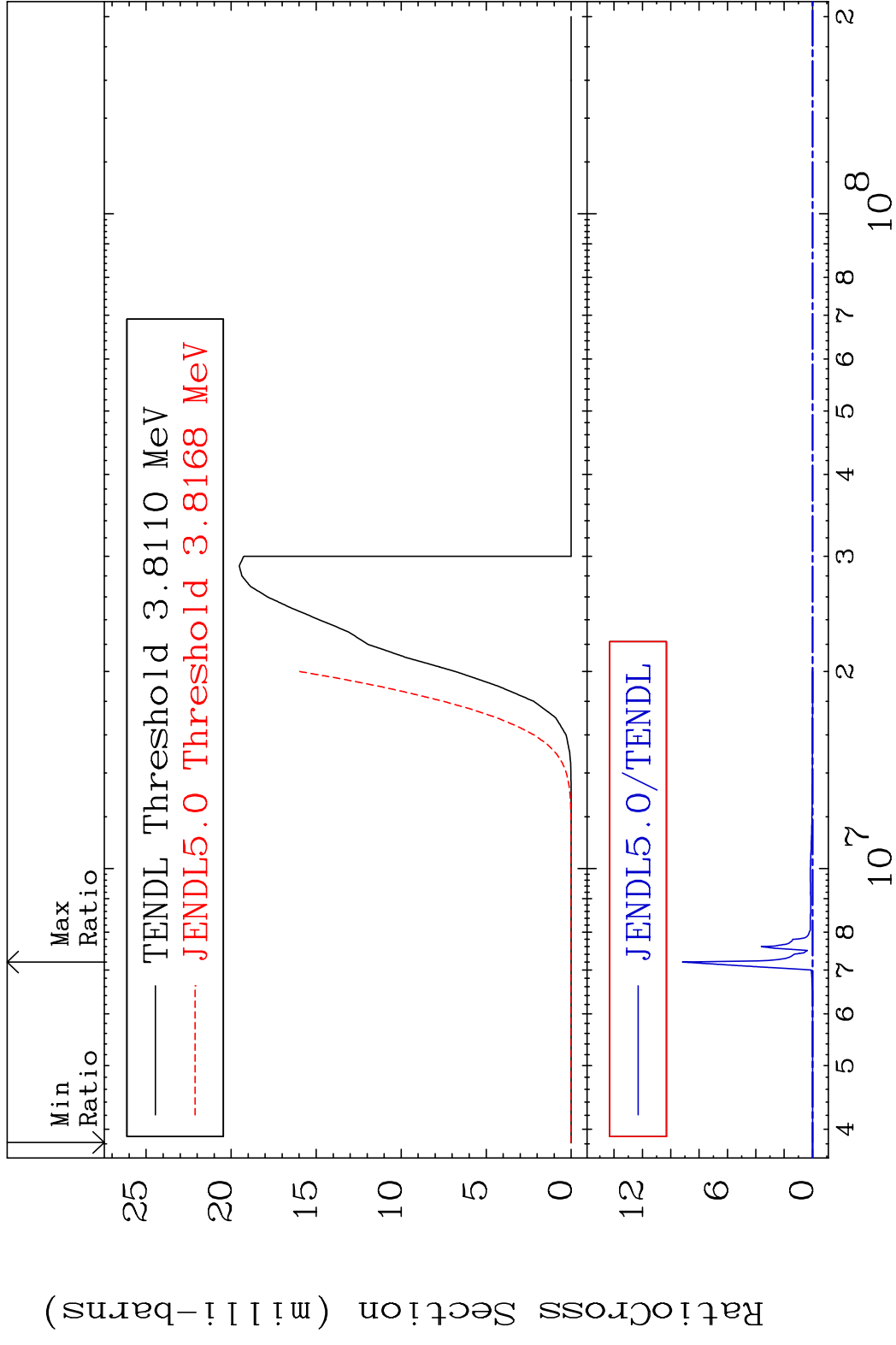
(n,3n)

47-Ag-111

Cross Section -100.0 To -12.39%



MAT 4737 (n, n') α 47-Ag-111
 Cross Section -100.0 To 9999. %

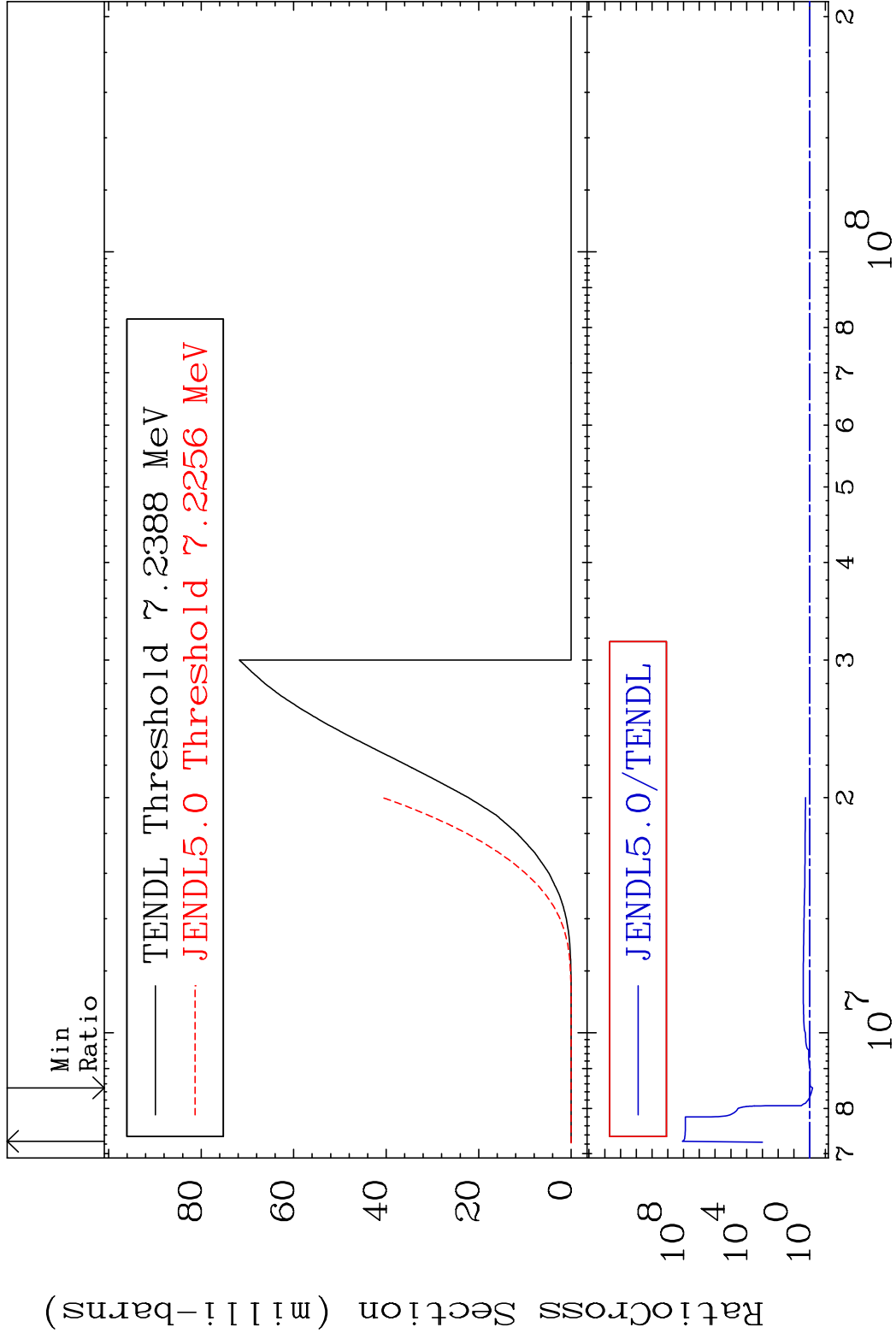


MAT 4737

(n, n') p

47-Ag-111

Cross Section -34.24 To 9999. %



7

Incident Energy (eV)

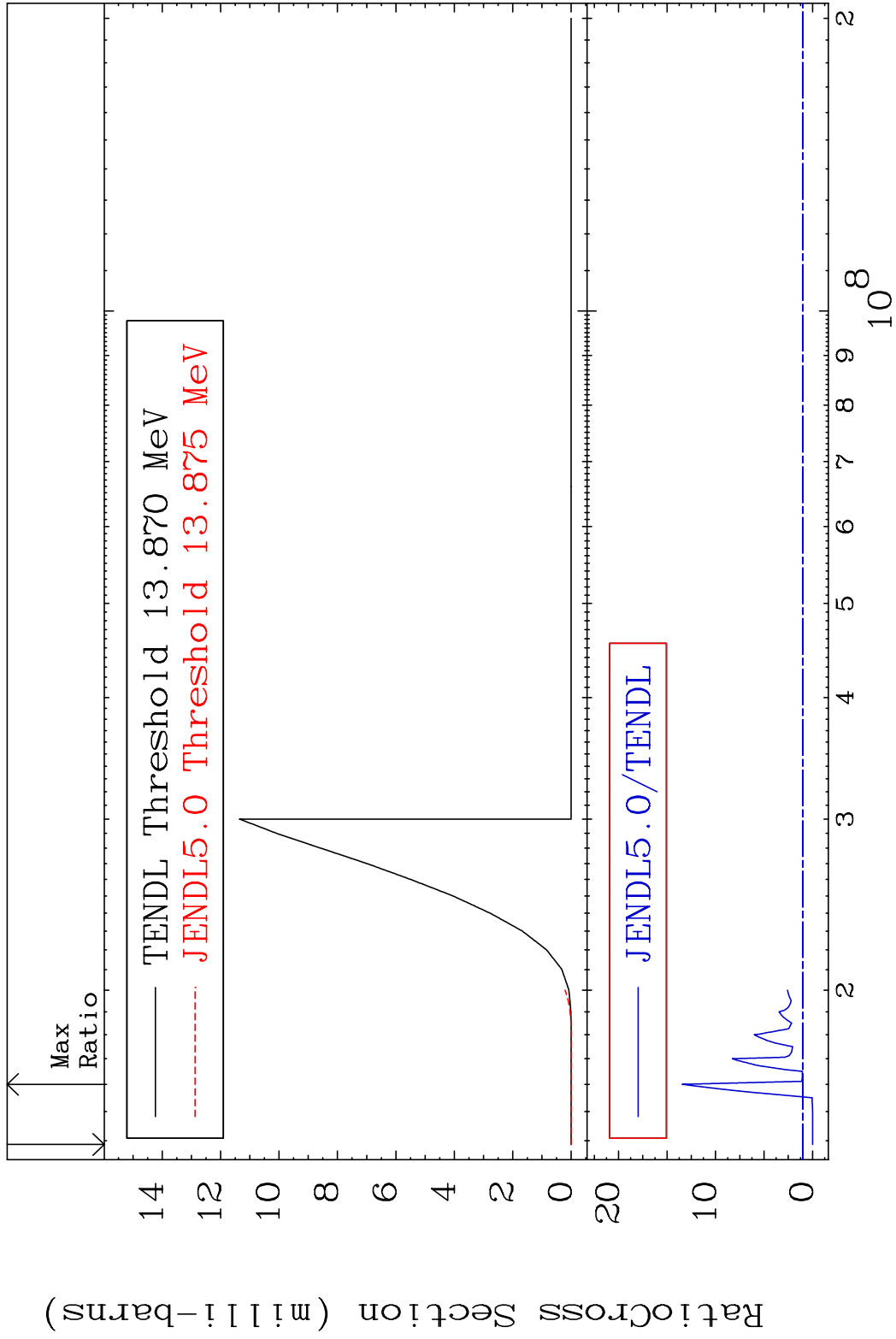
47-Ag-111

MAT 4737

(n, n') d

47-Ag-111

Cross Section -100.0 To 1242. %



8

Incident Energy (eV)

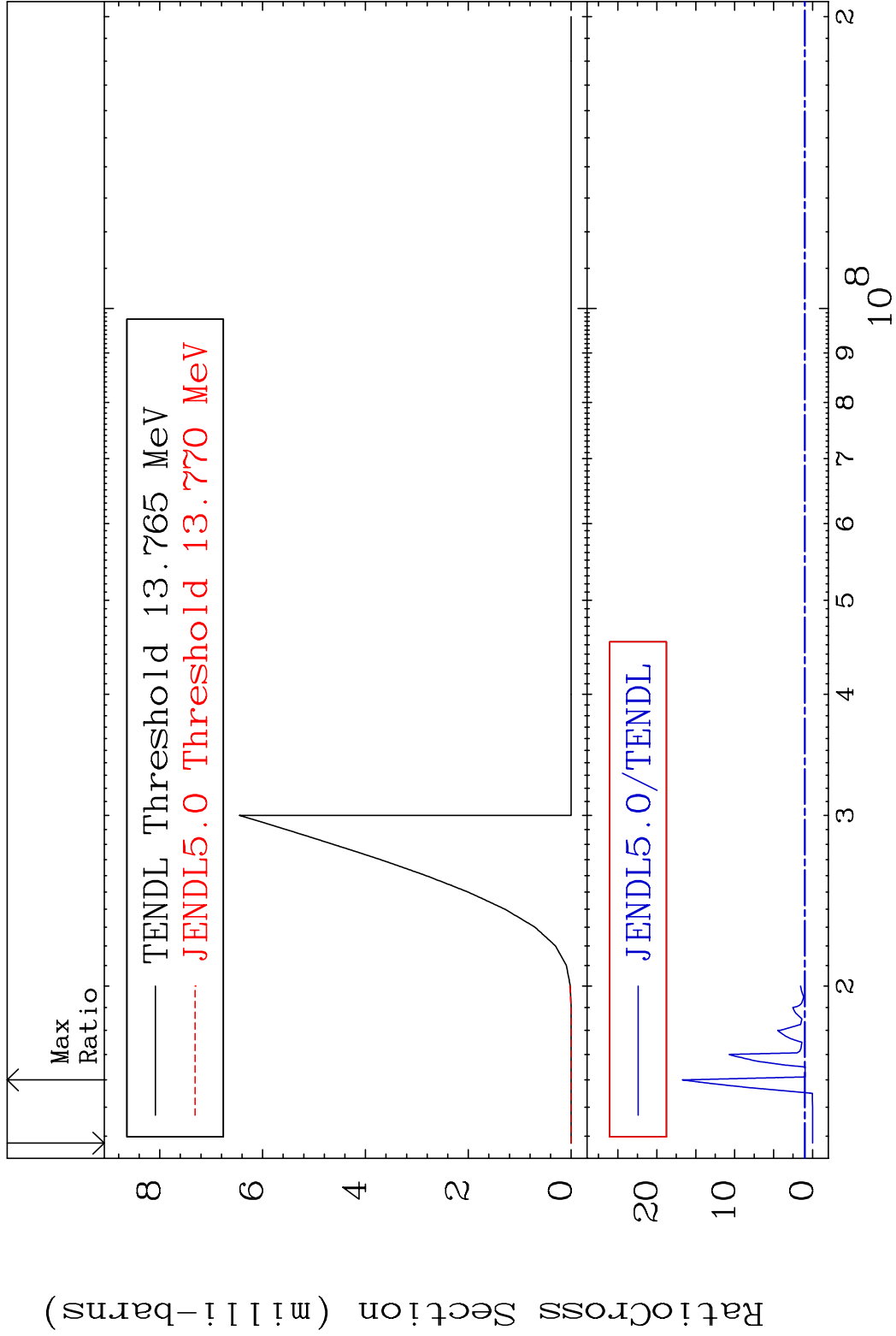
47-Ag-111

MAT 4737

(n, n') t

47-Ag-111

Cross Section -100.0 To 1573. %

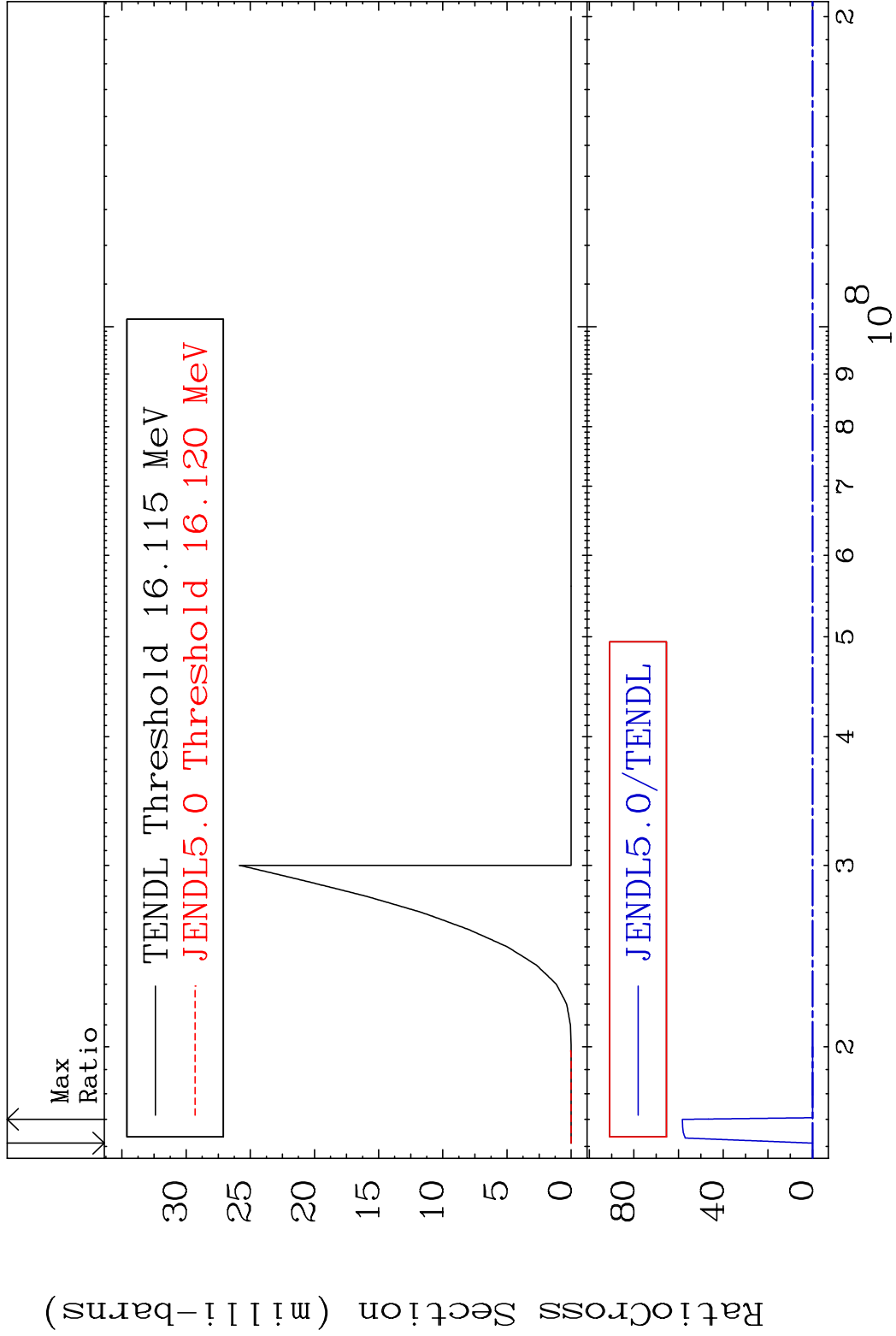


MAT 4737

(n,2n) p

47-Ag-111

Cross Section -100.0 To 9999. %

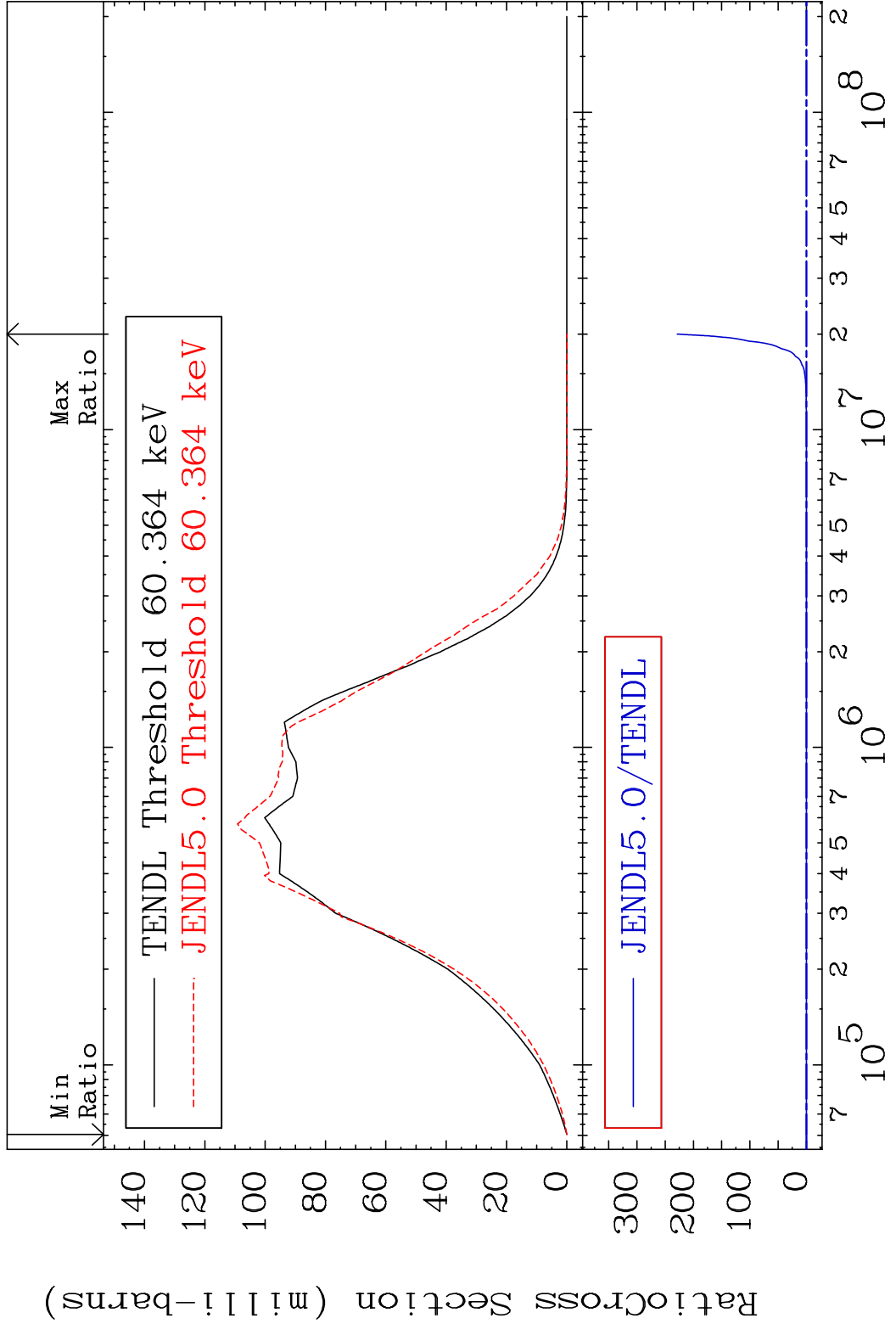


10

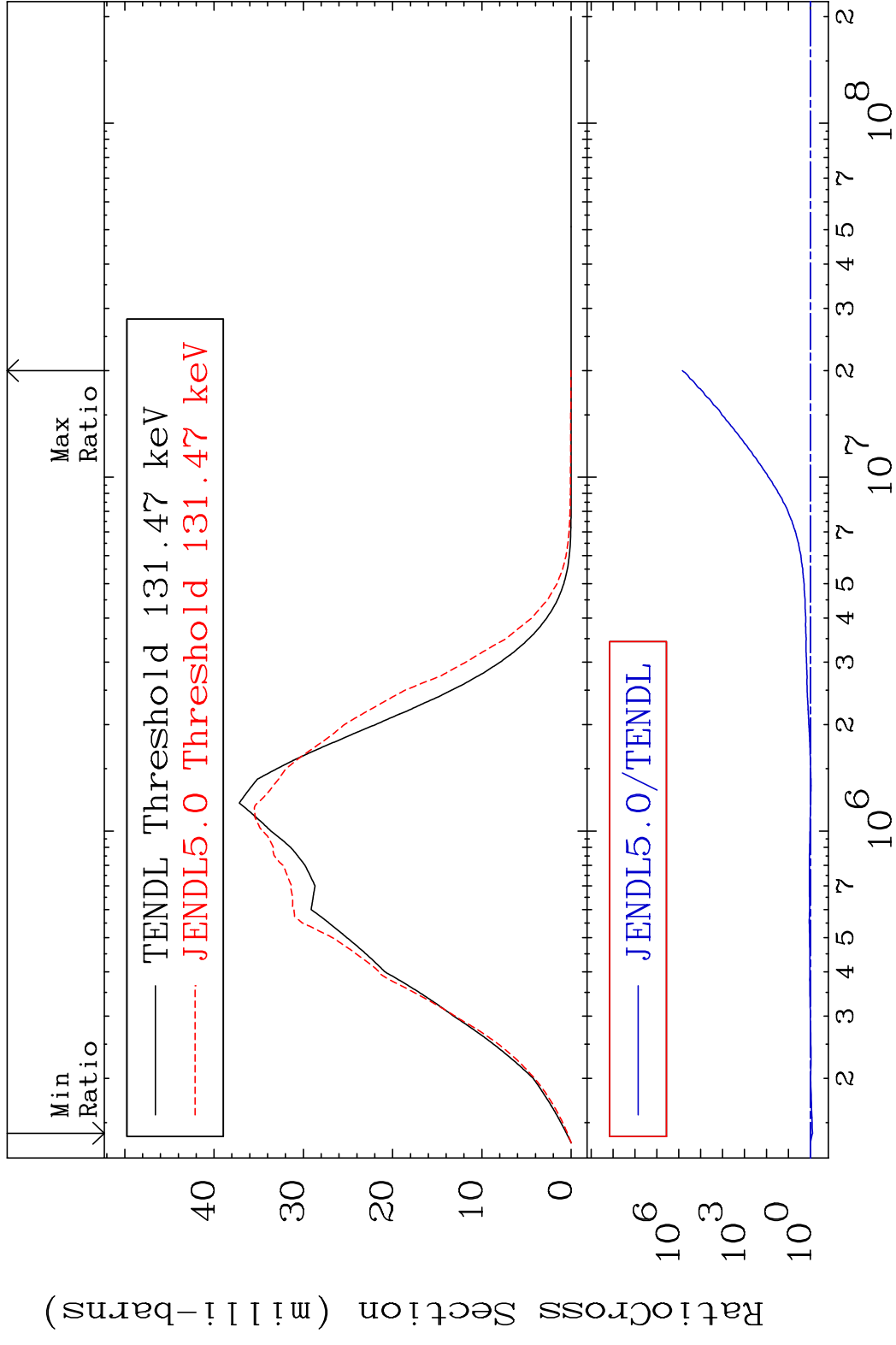
Incident Energy (eV)

47-Ag-111

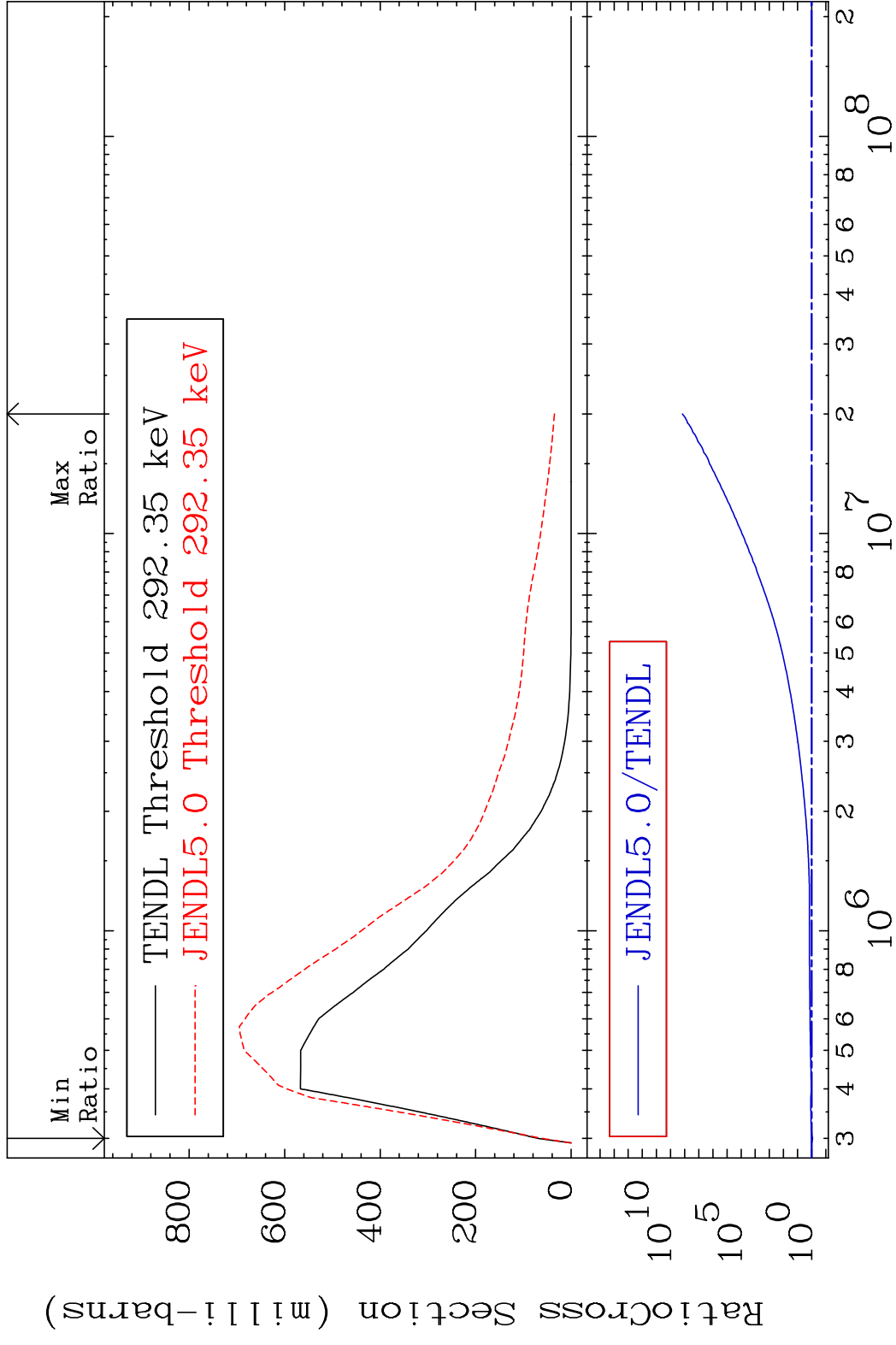
MAT 4737 MT= 51 (n,n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %



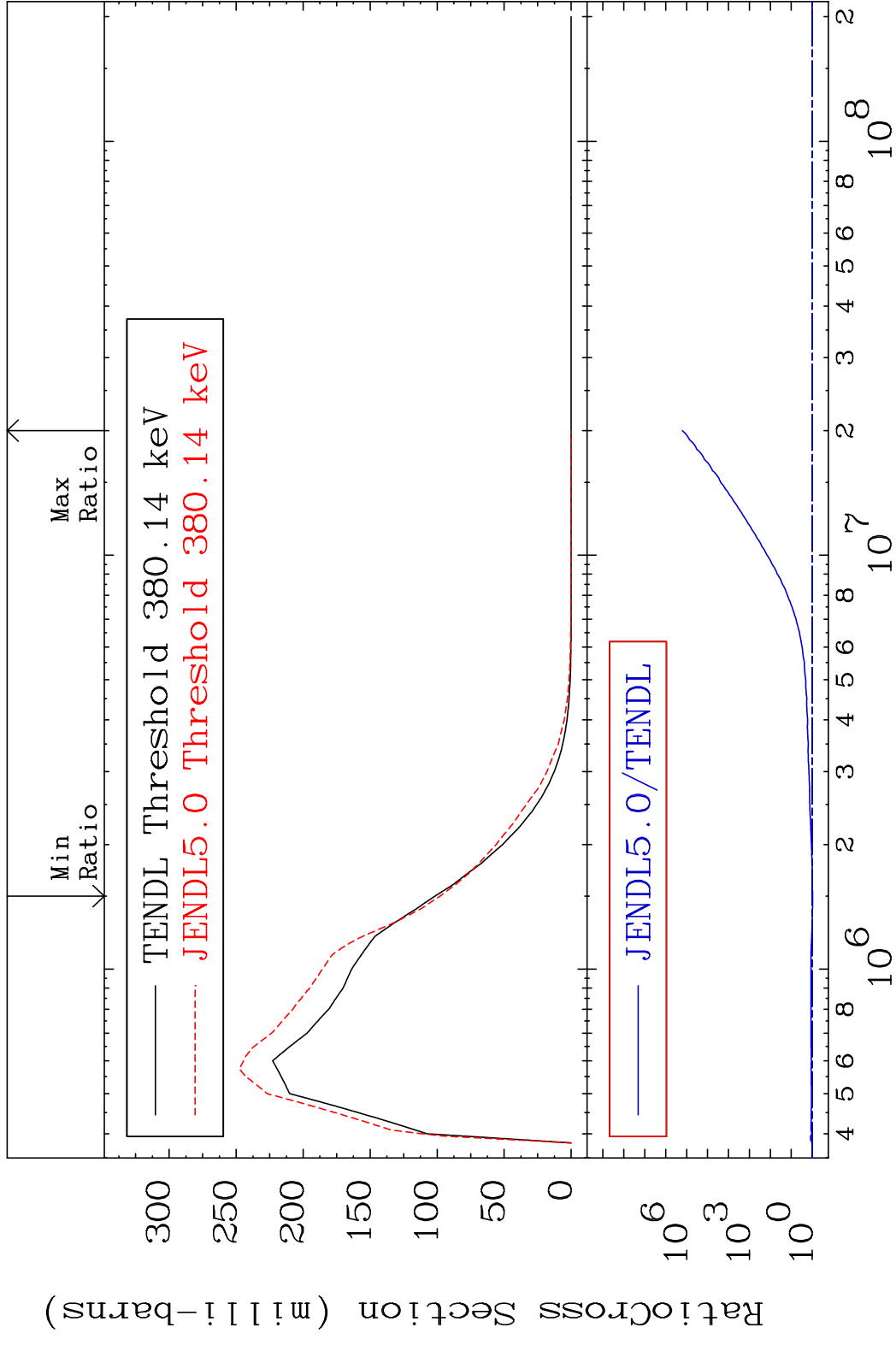
MAT 4737 MT= 52 (n,n') Level 47-Ag-111
 Cross Section -21.50 To 9999. %



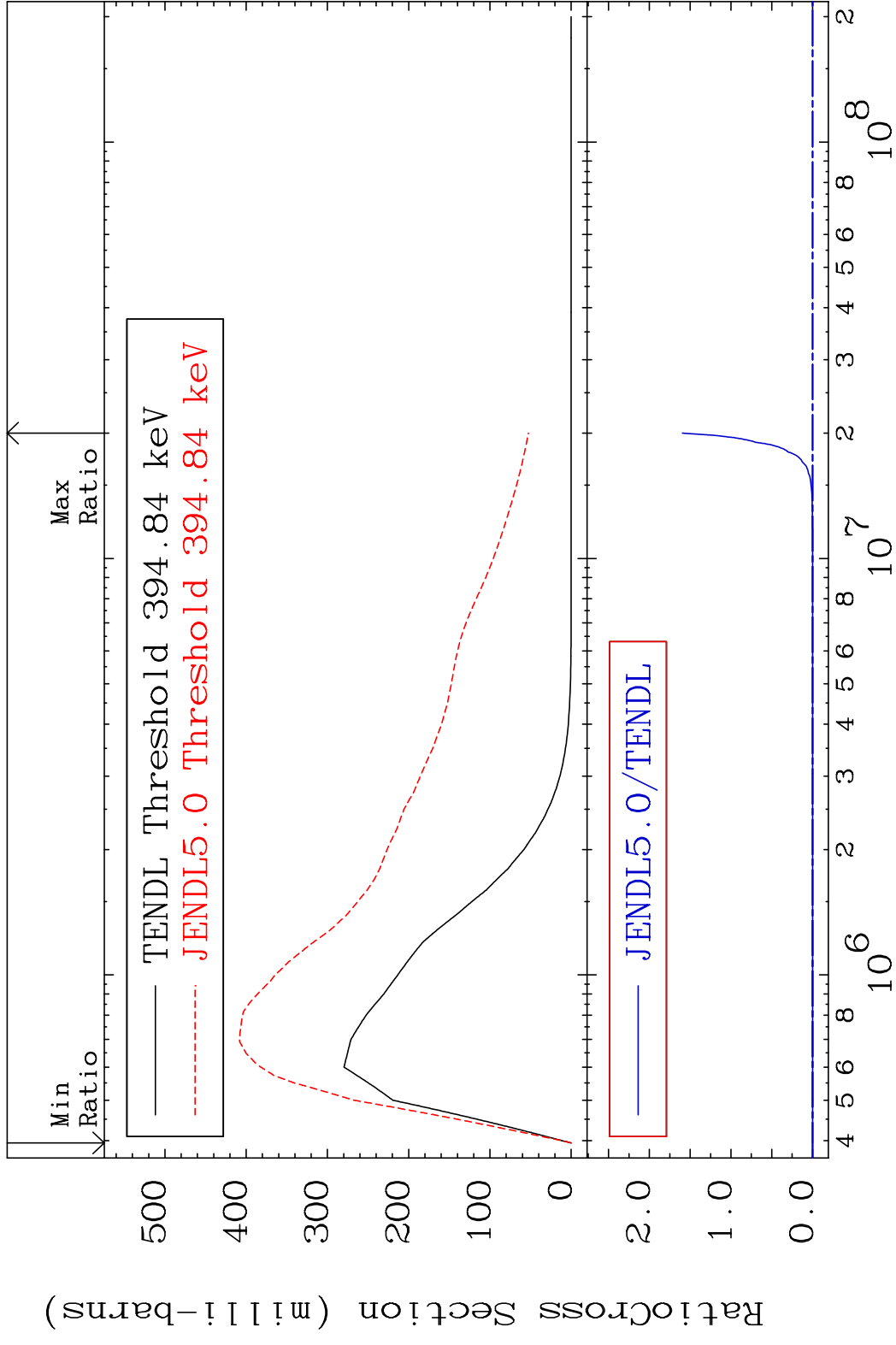
MAT 4737 MT= 53 (n, n') Level 47-Ag-111
 Cross Section -13.02 To 9999. %



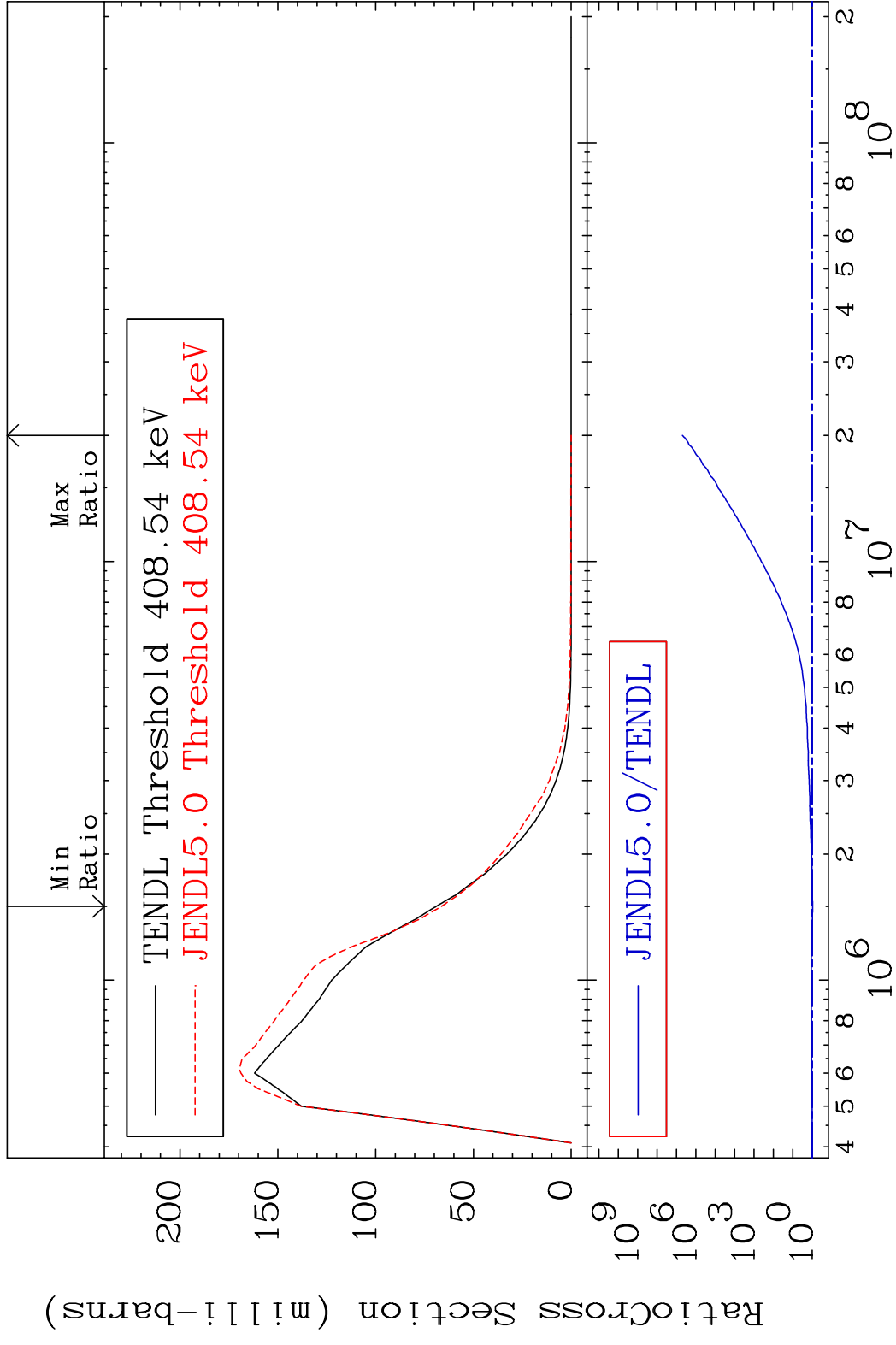
MAT 4737 MT= 54 (n, n') Level 47-Ag-111
 Cross Section -3.732 To 9999. %



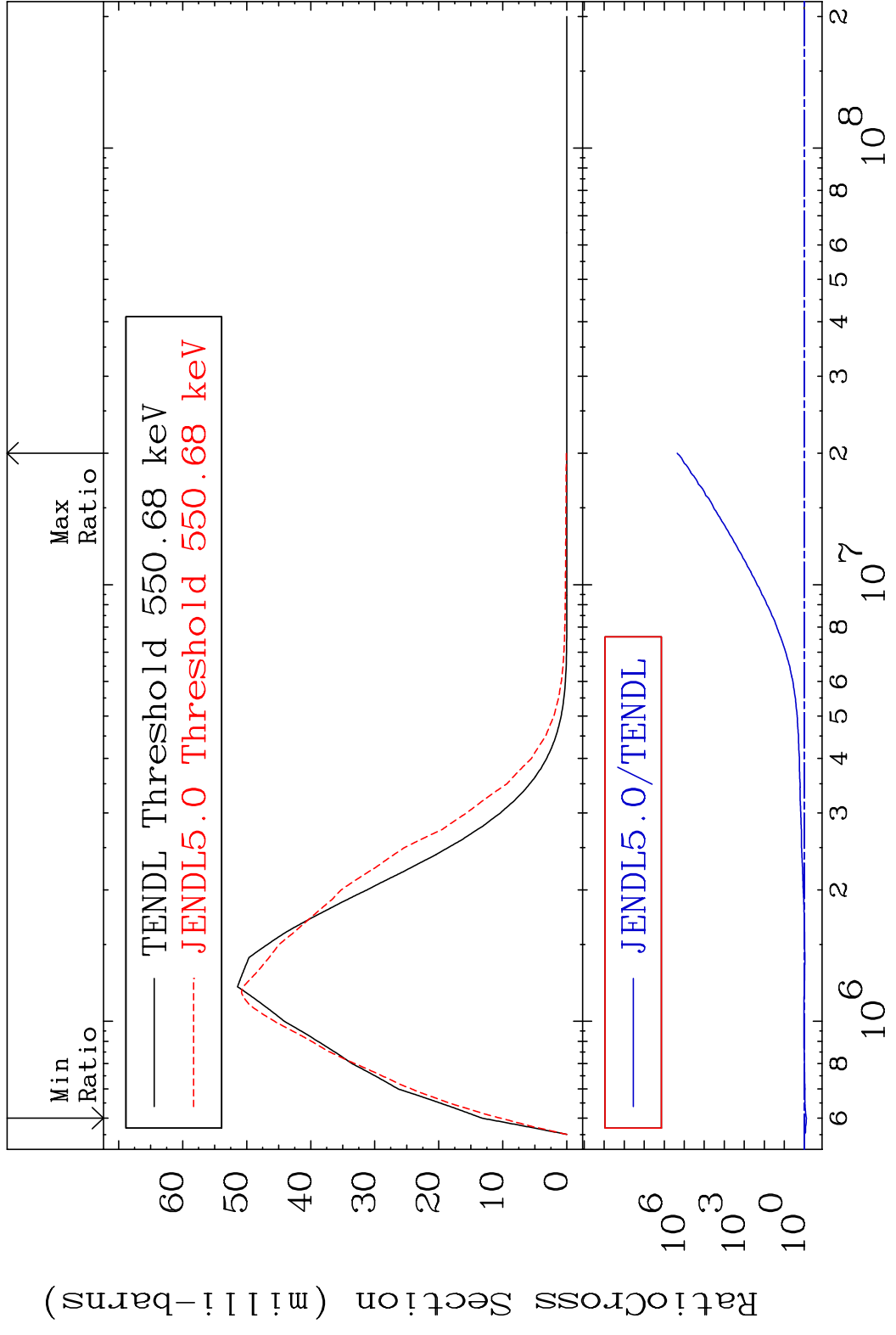
MAT 4737 MT= 55 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %



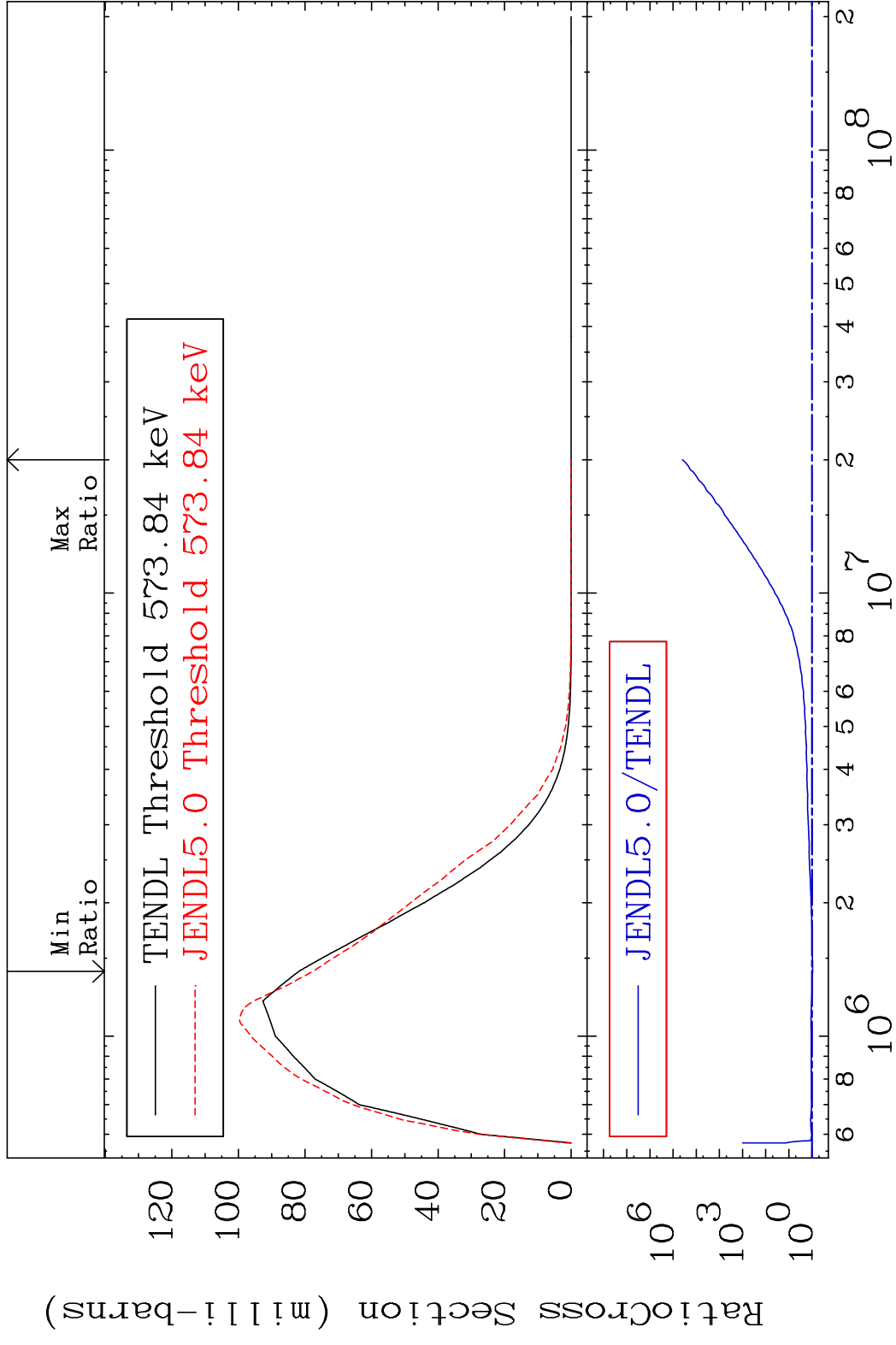
MAT 4737 MT= 56 (n, n') Level 47-Ag-111
 Cross Section -3.959 To 9999. %



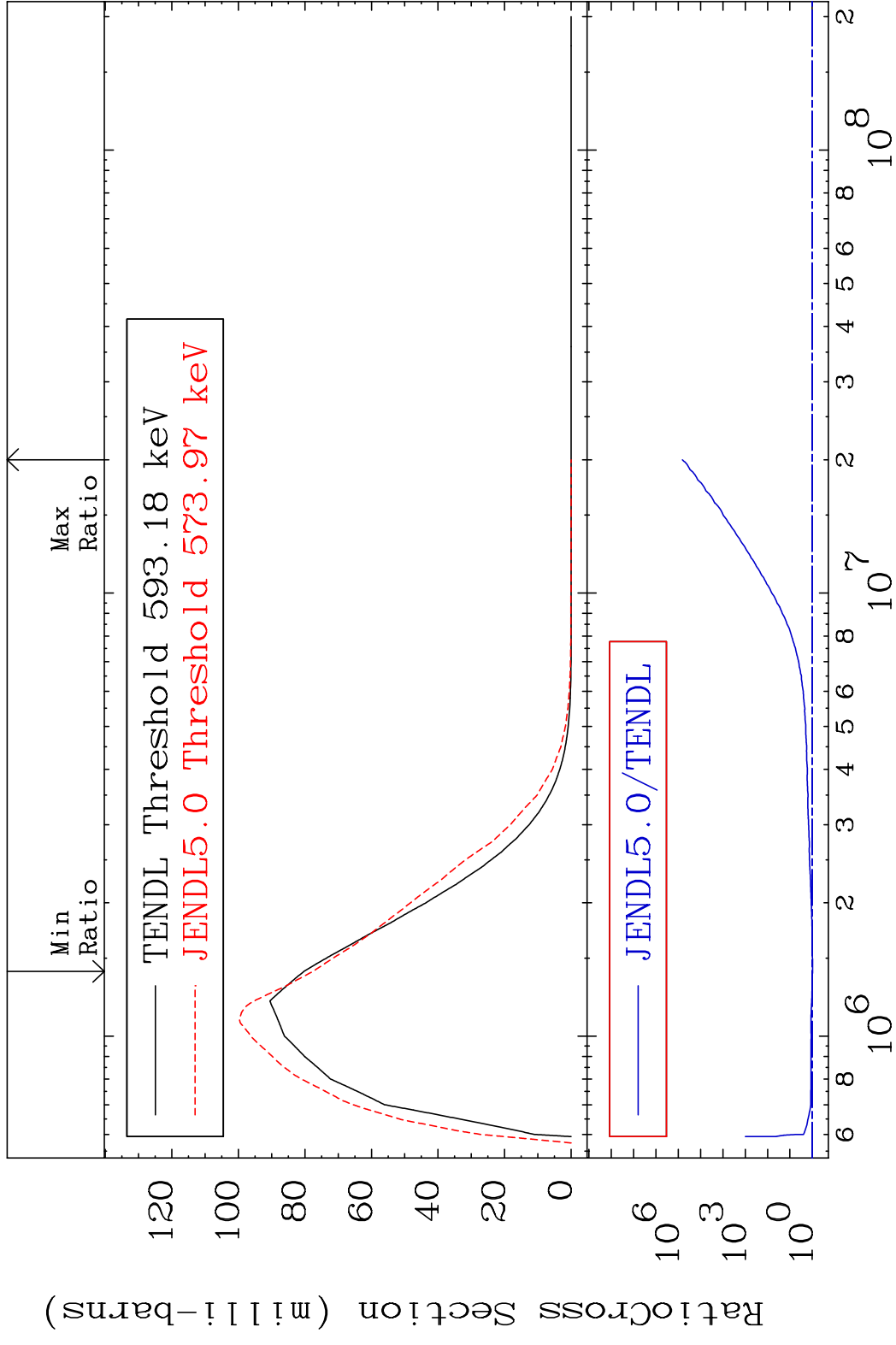
MAT 4737 MT= 57 (n, n') Level 47-Ag-111
 Cross Section -21.65 To 9999. %



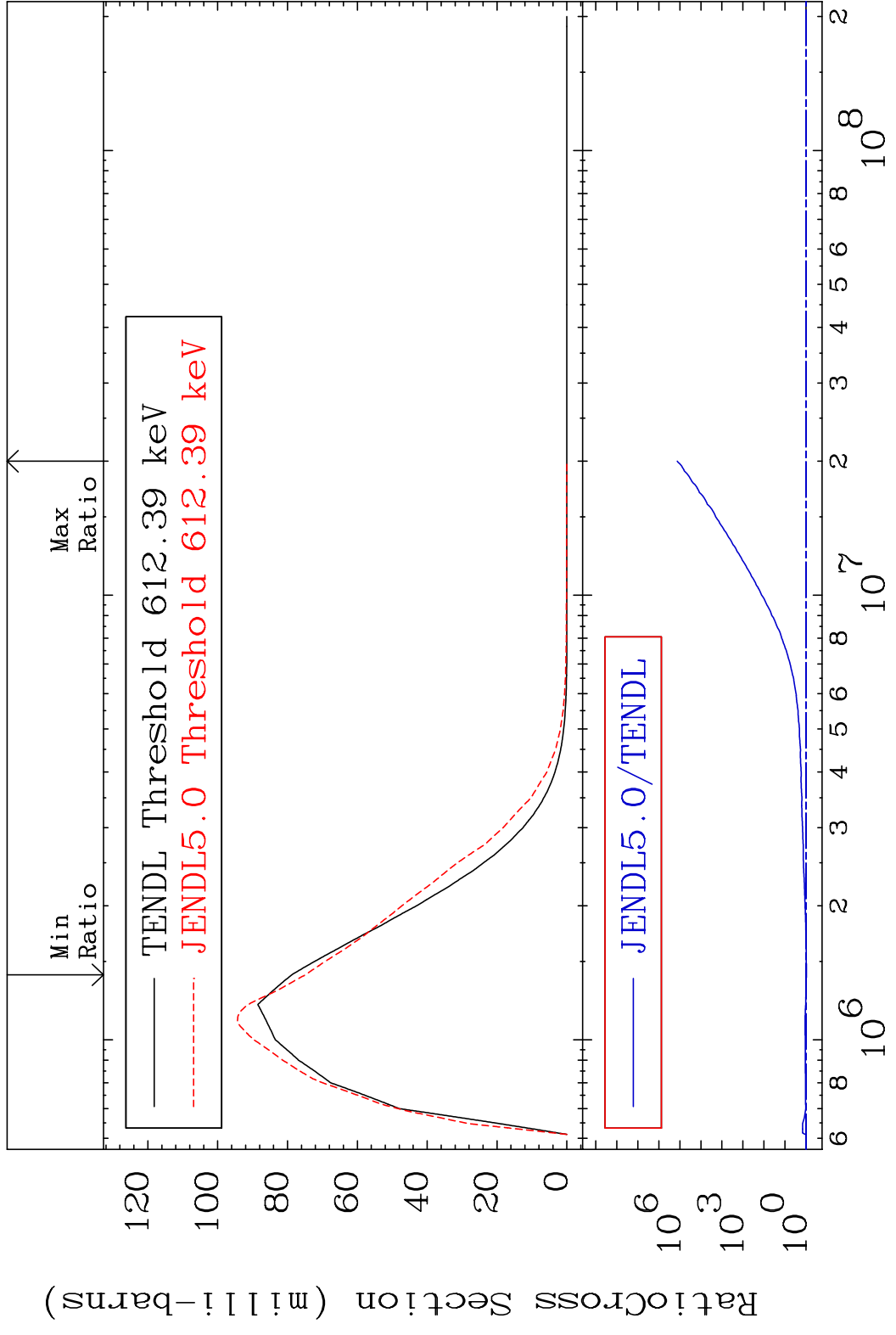
MAT 4737 MT= 58 (n, n') Level 47-Ag-111
 Cross Section -5.244 To 9999. %



MAT 4737 MT= 59 (n, n') Level 47-Ag-111
 Cross Section -3.437 To 9999. %

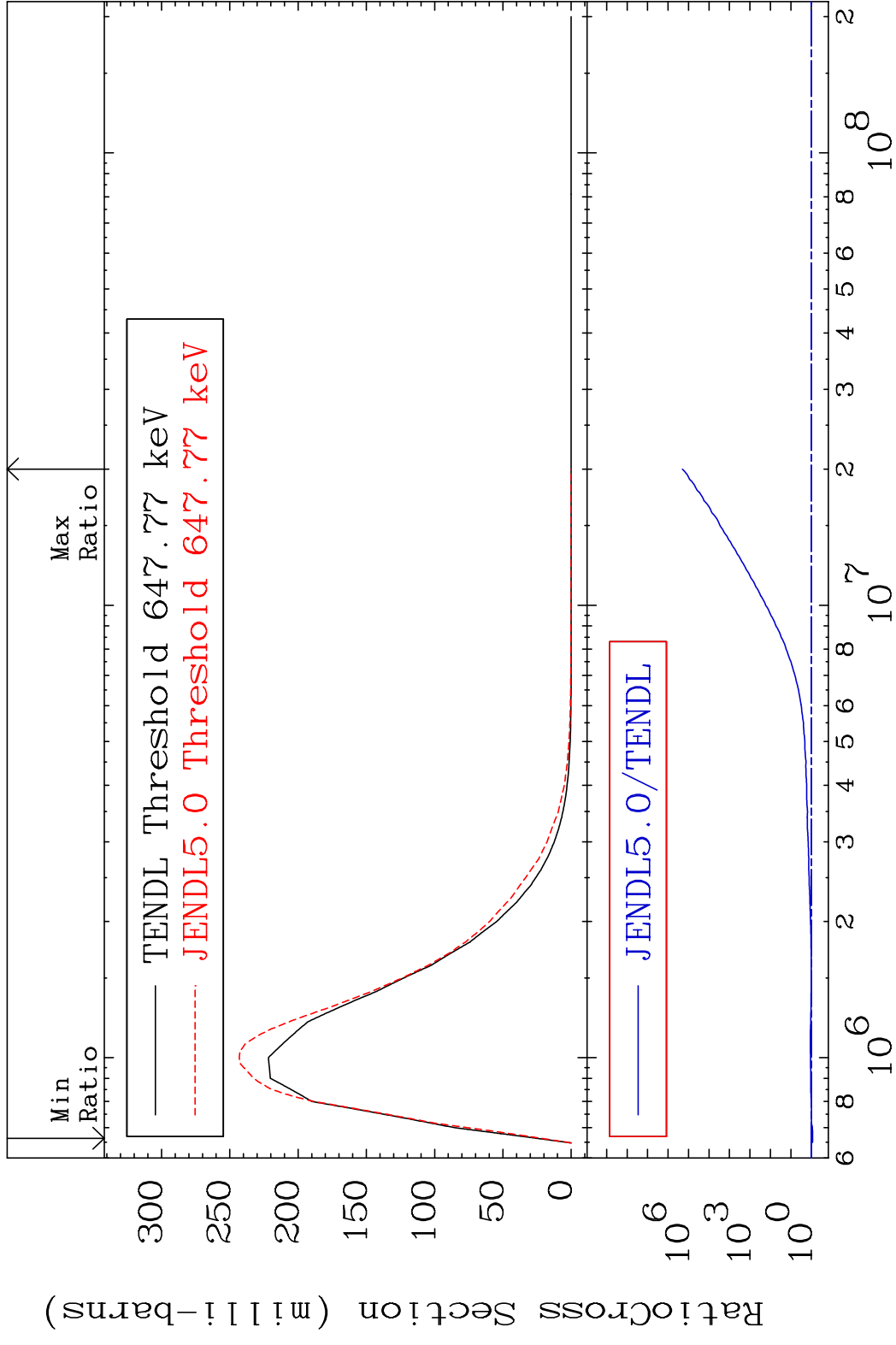


MAT 4737 MT= 60 (n, n') Level 47-Ag-111
 Cross Section -4.998 To 9999. %

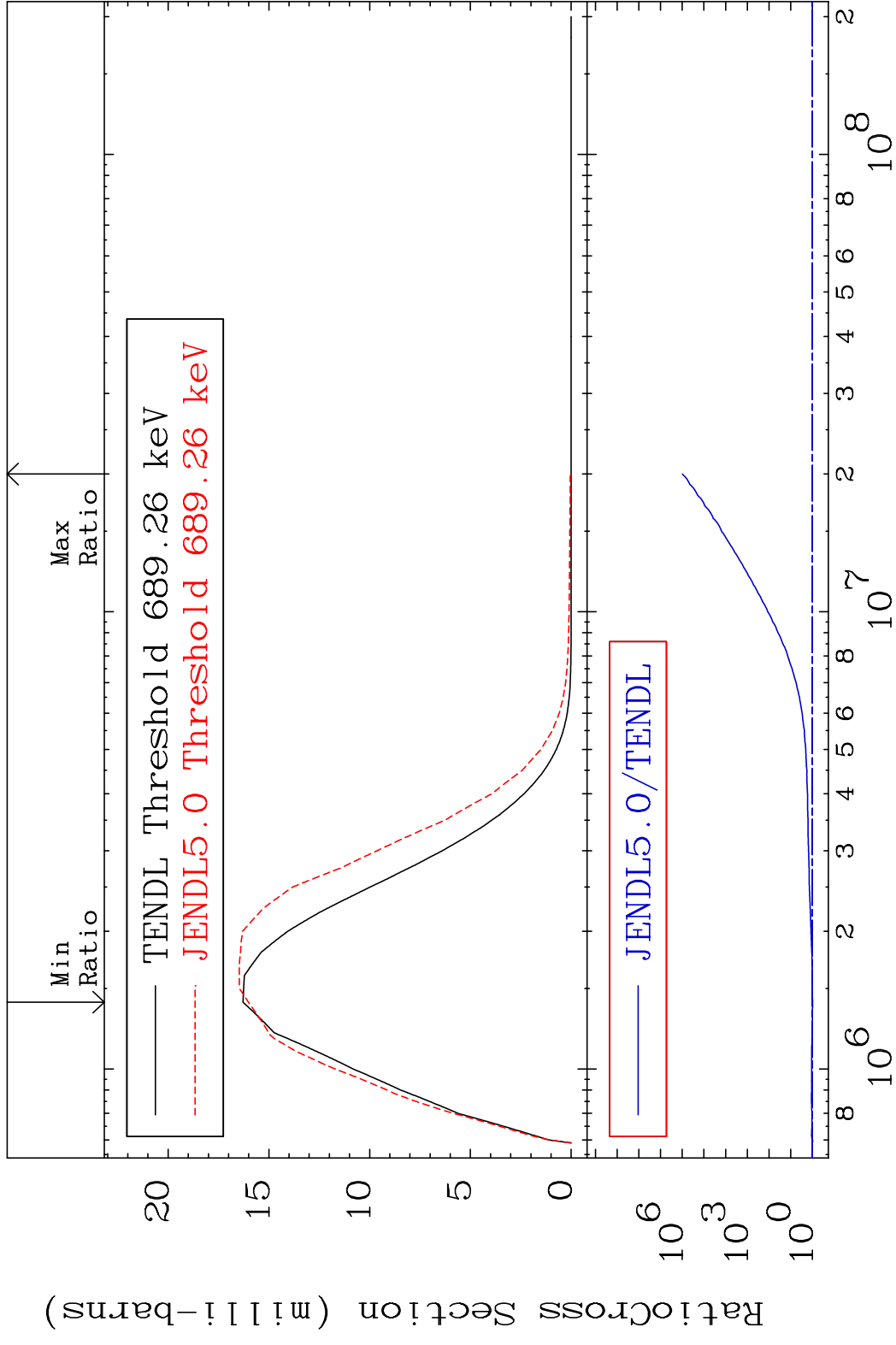


20 Incident Energy (eV) 47-Ag-111

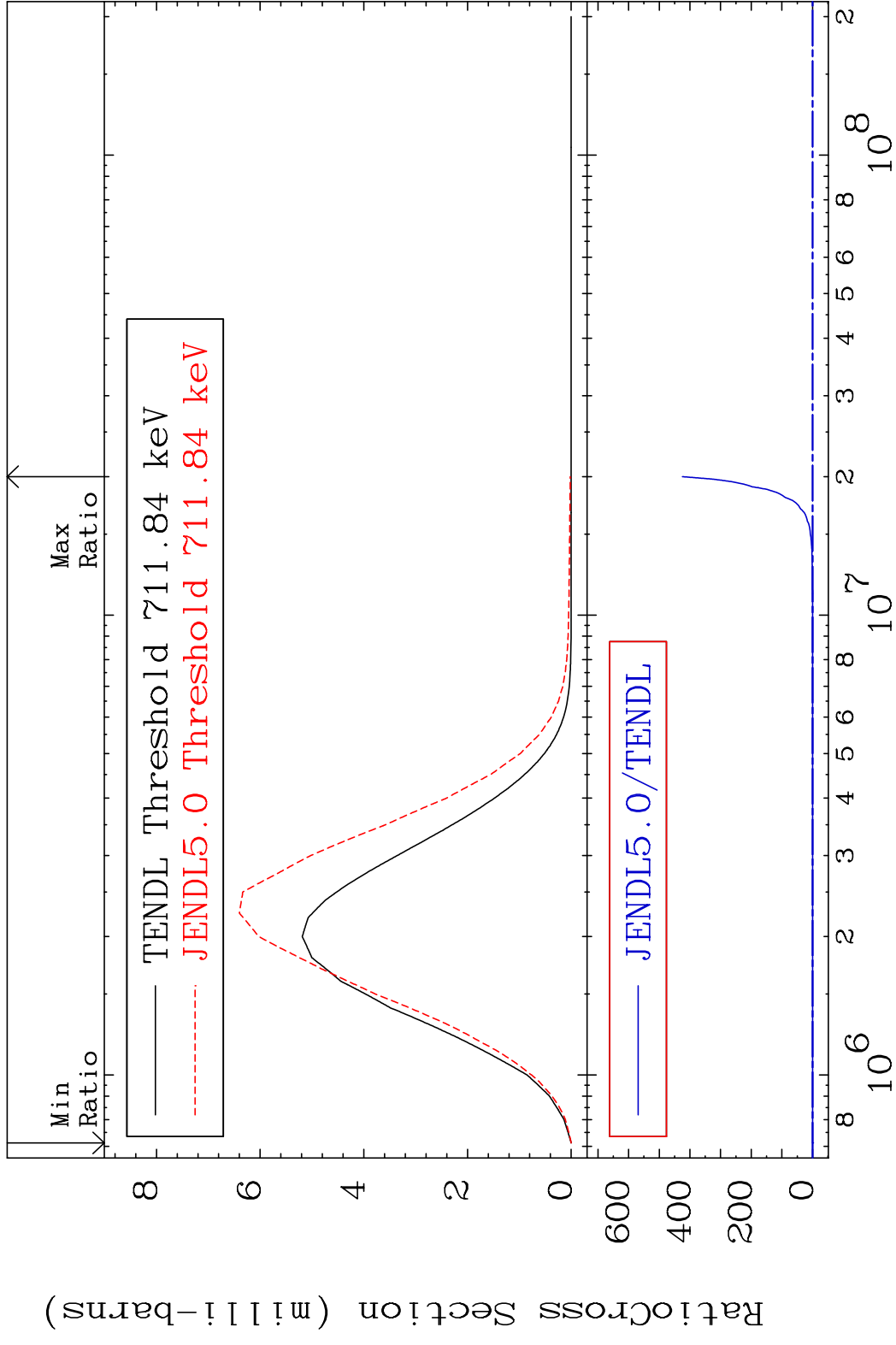
MAT 4737 MT= 61 (n, n') Level 47-Ag-111
 Cross Section -12.68 To 9999. %



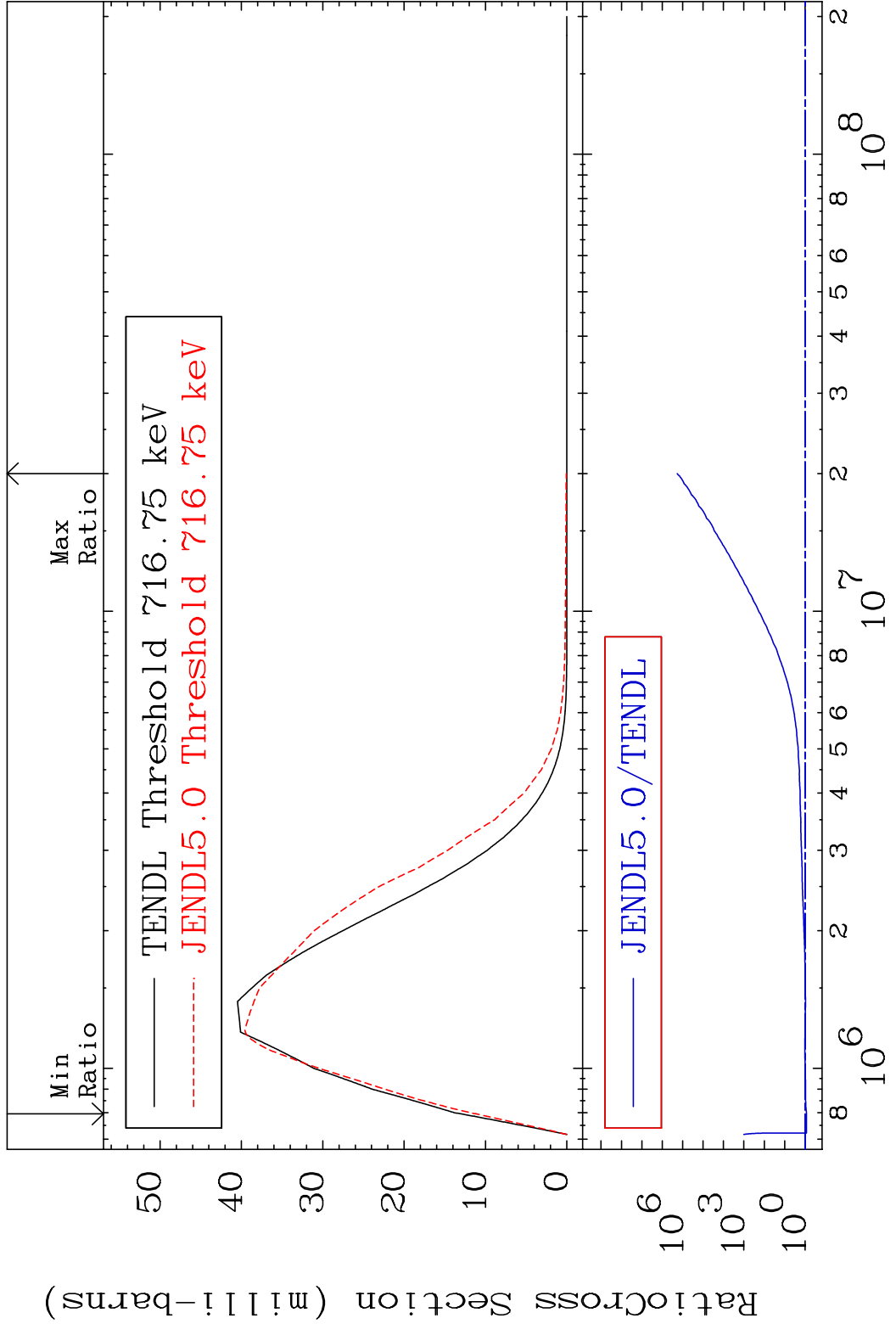
MAT 4737 MT= 62 (n, n') Level 47-Ag-111
 Cross Section -1.650 To 9999. %



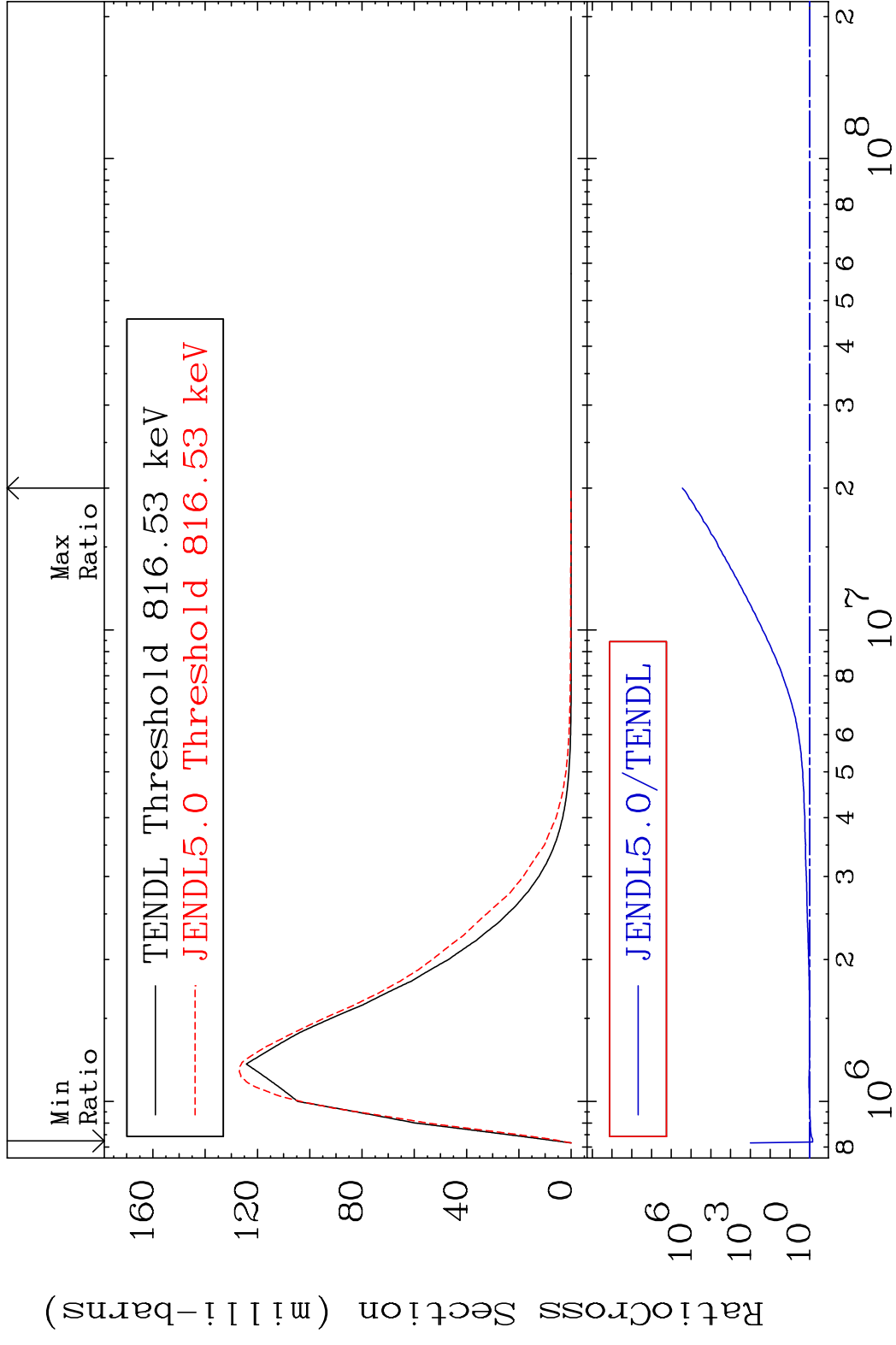
MAT 4737 MT= 63 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %



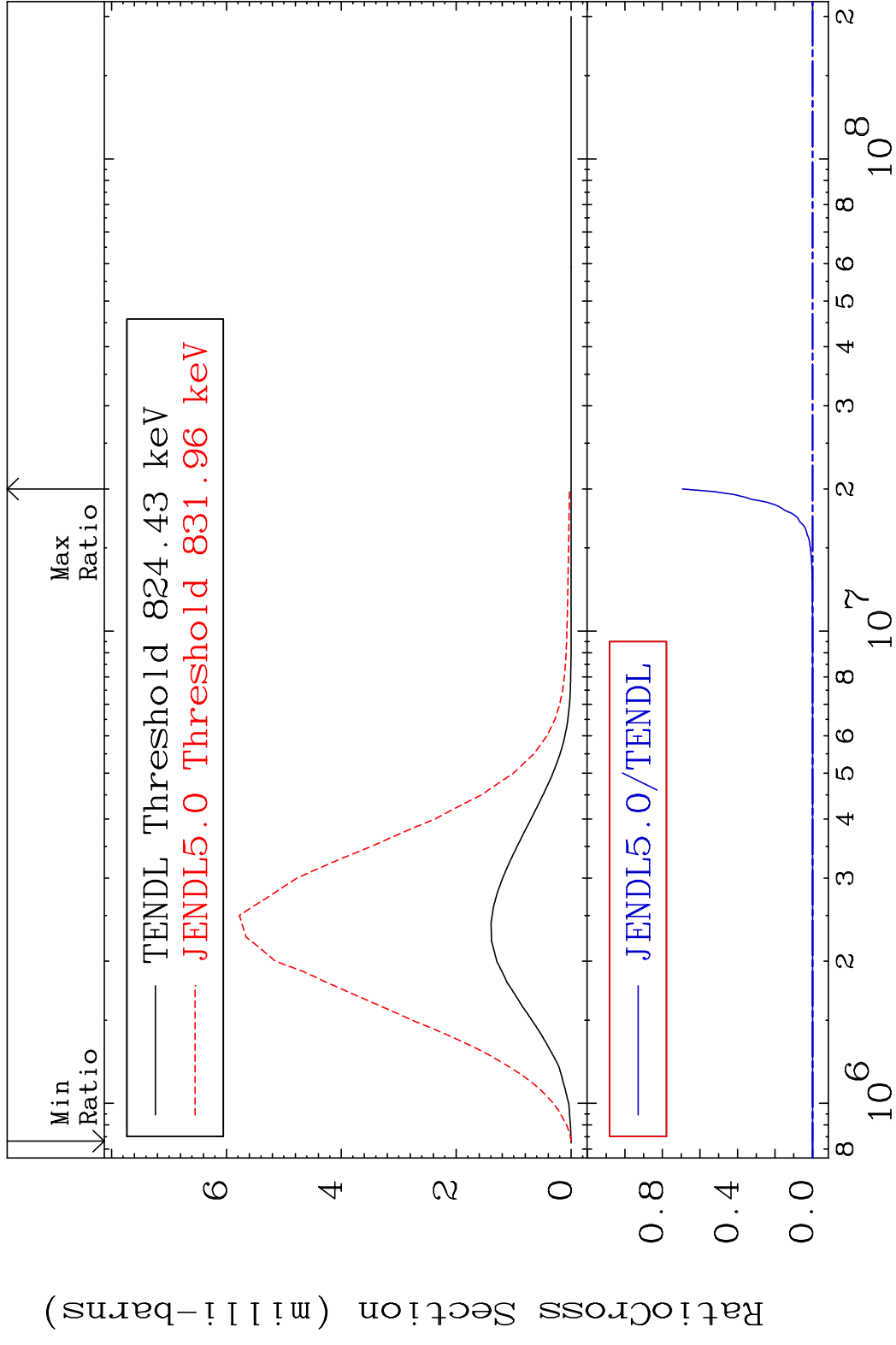
MAT 4737 MT= 64 (n, n') Level 47-Ag-111
 Cross Section -14.08 To 9999. %



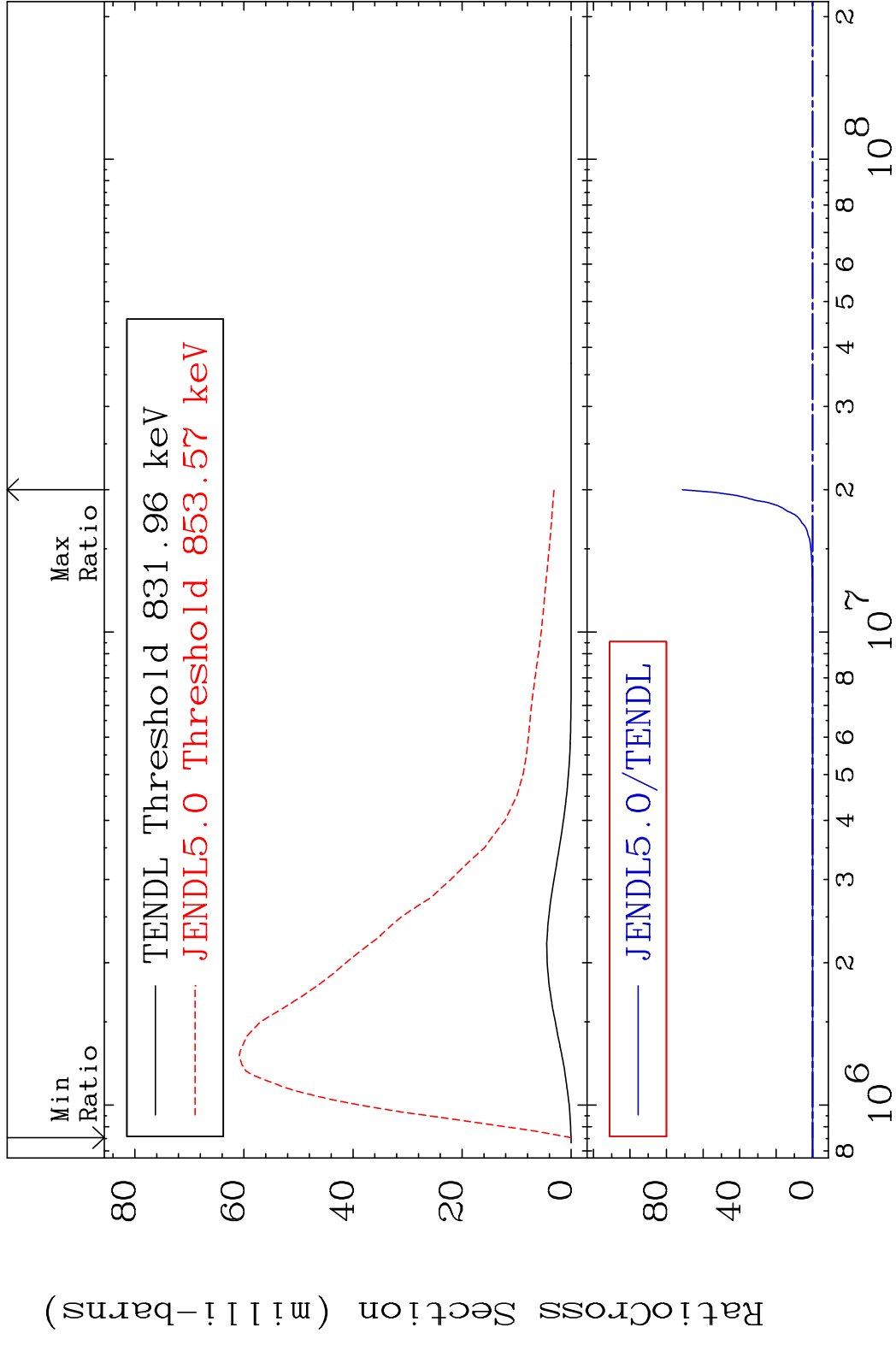
MAT 4737 MT= 65 (n, n') Level 47-Ag-111
 Cross Section -28.28 To 9999. %



MAT 4737 MT= 66 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %

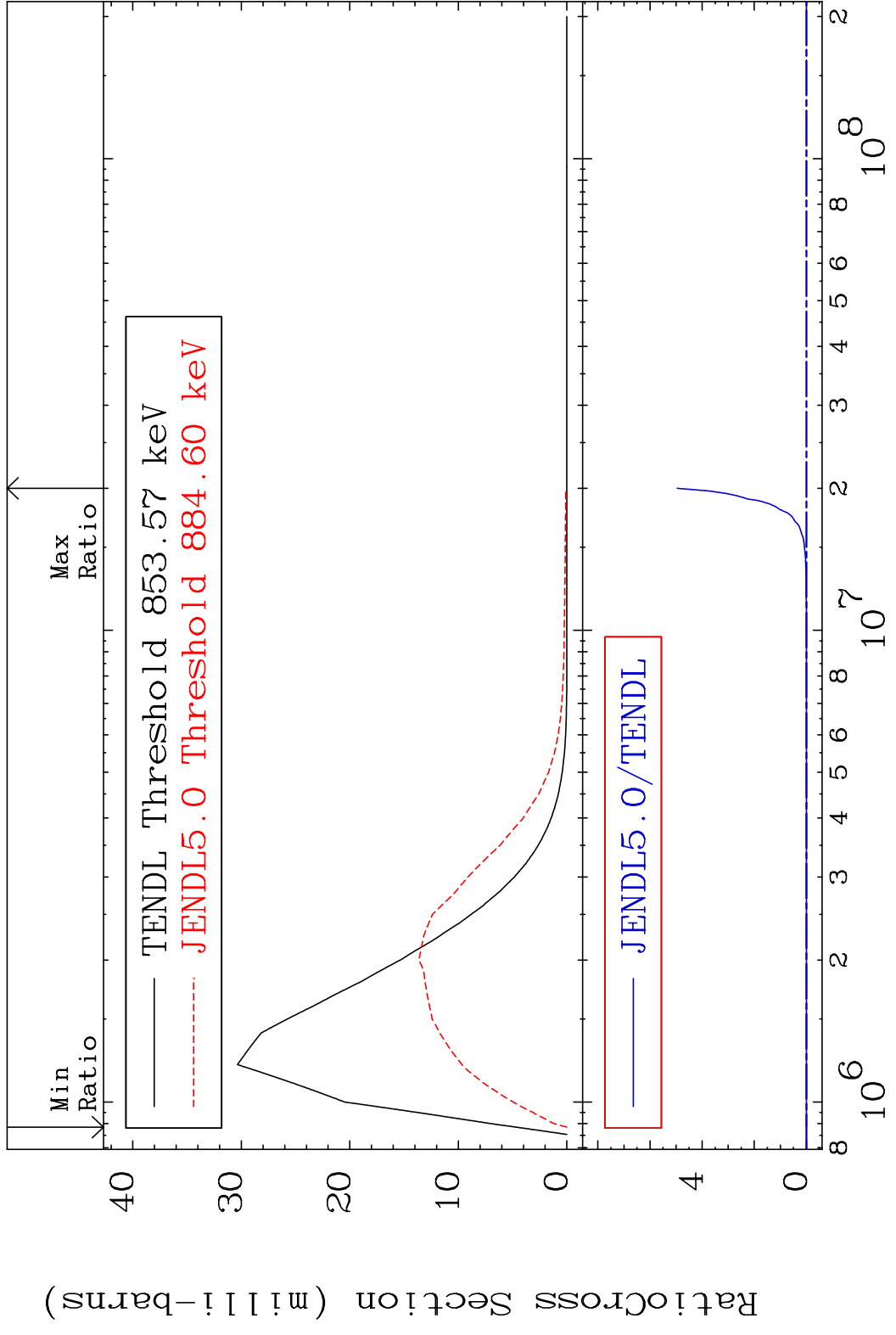


MAT 4737 MT= 67 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %

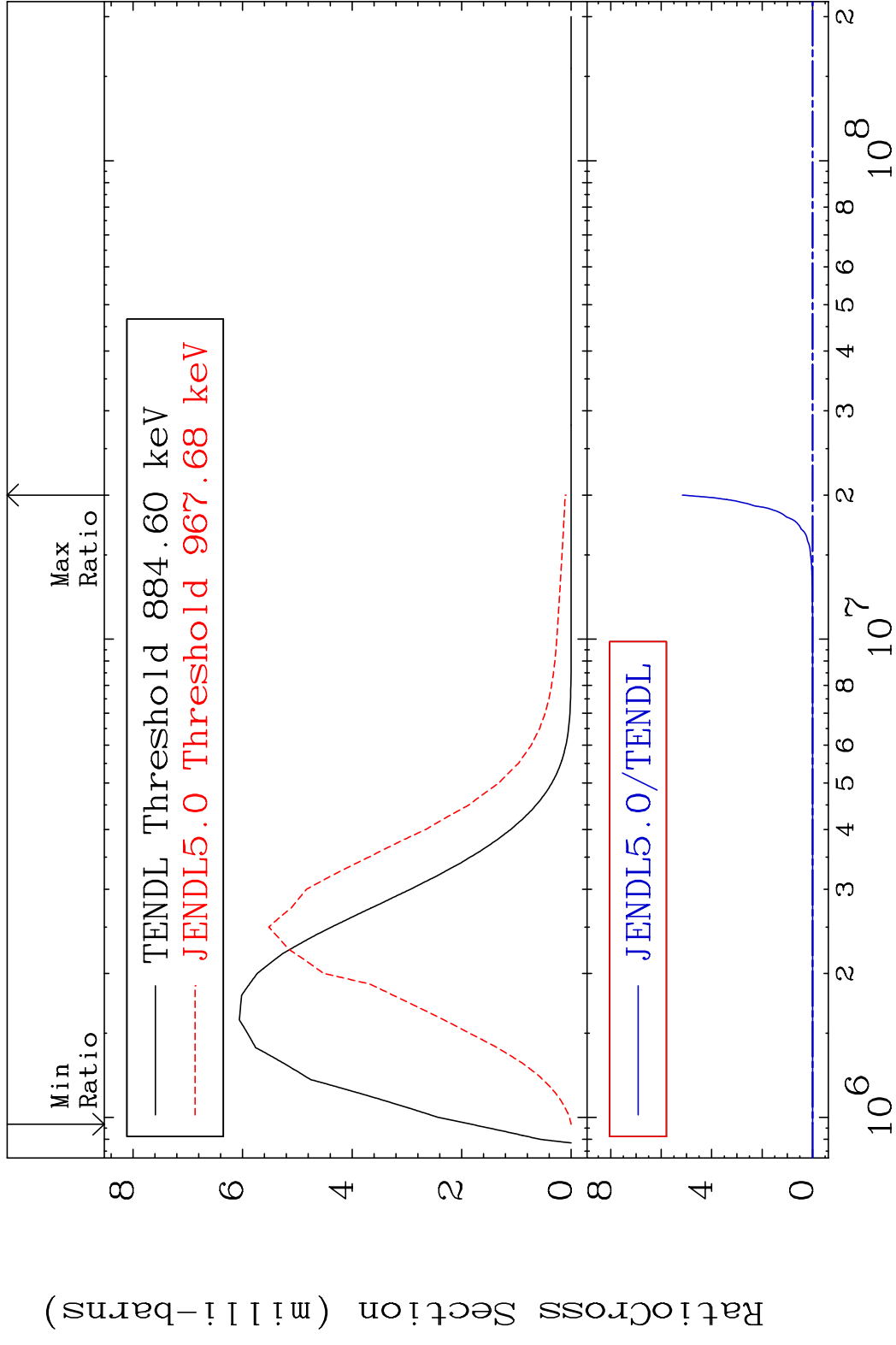


27 Incident Energy (eV) 47-Ag-111

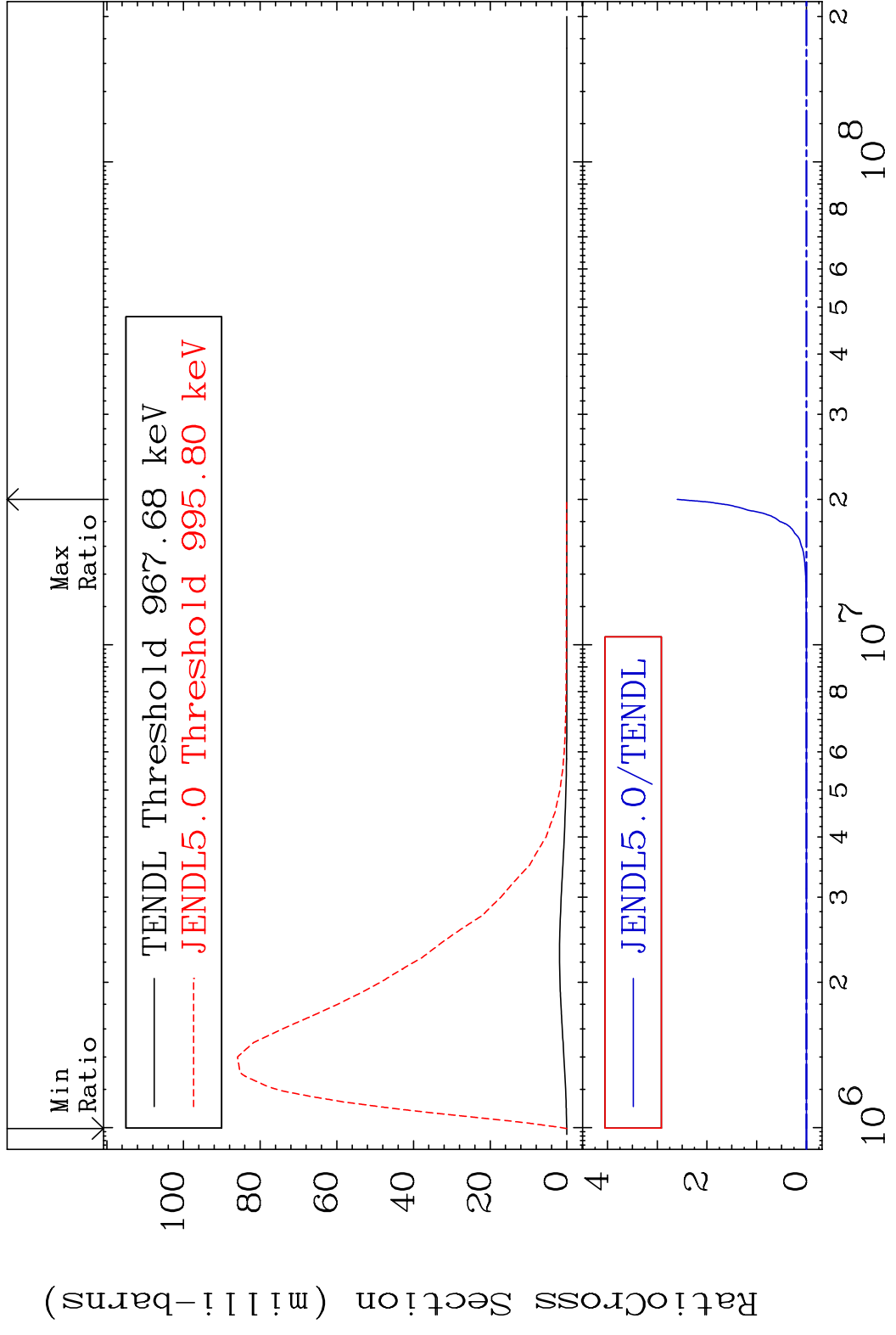
MAT 4737 MT= 68 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %



MAT 4737 MT= 69 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %

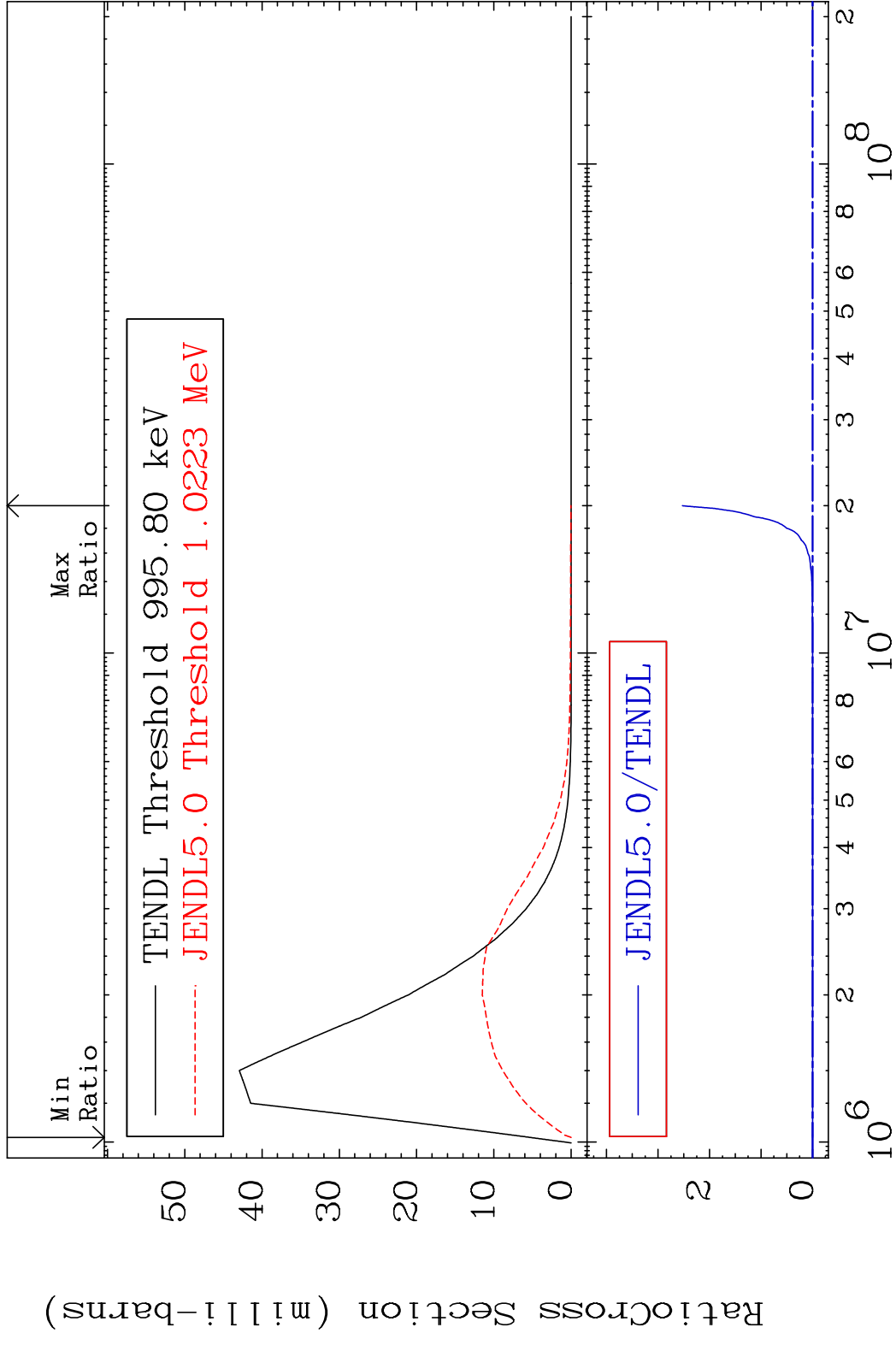


MAT 4737 MT= 70 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %



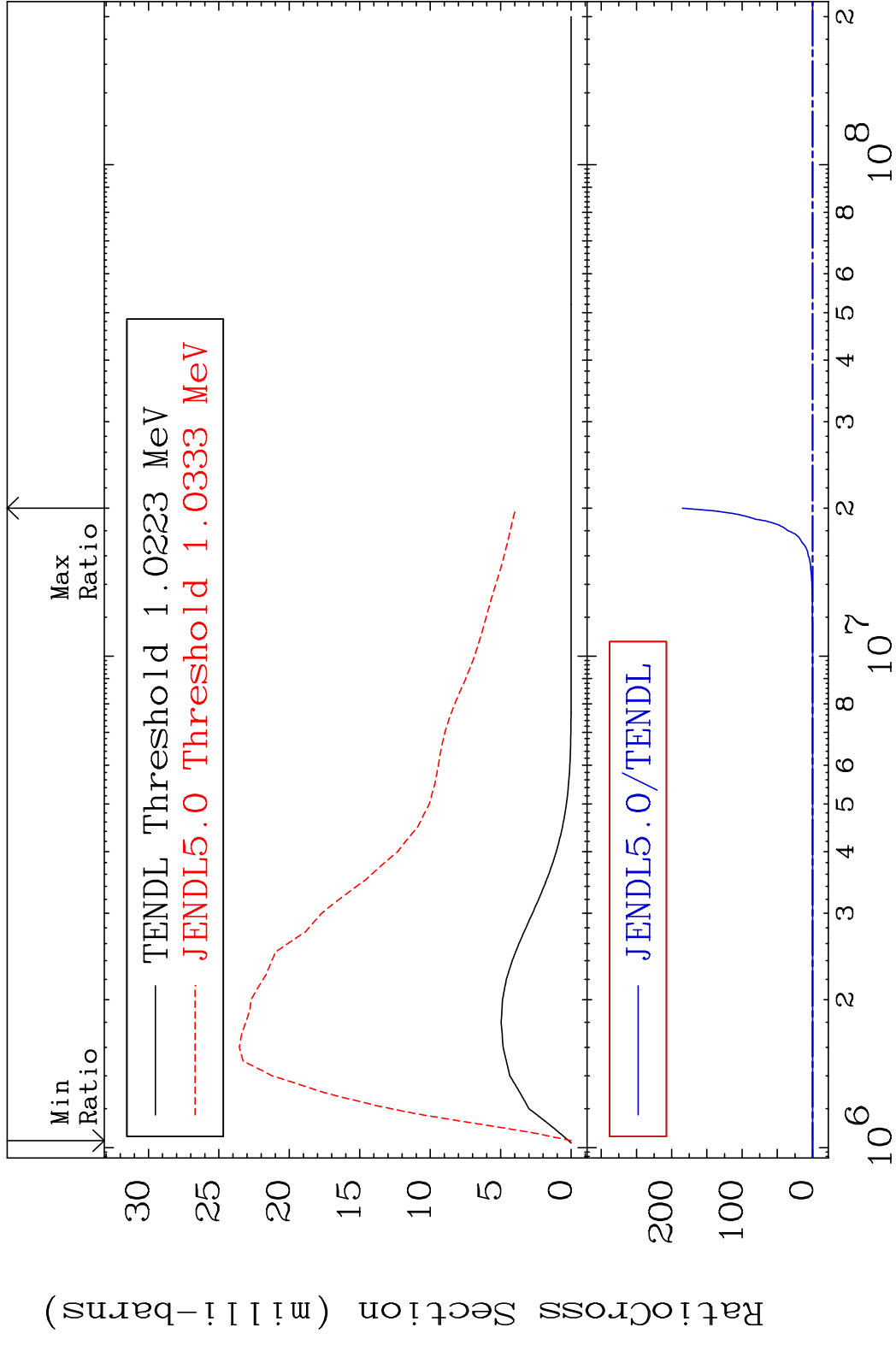
30 Incident Energy (eV) 47-Ag-111

MAT 4737 MT= 71 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %



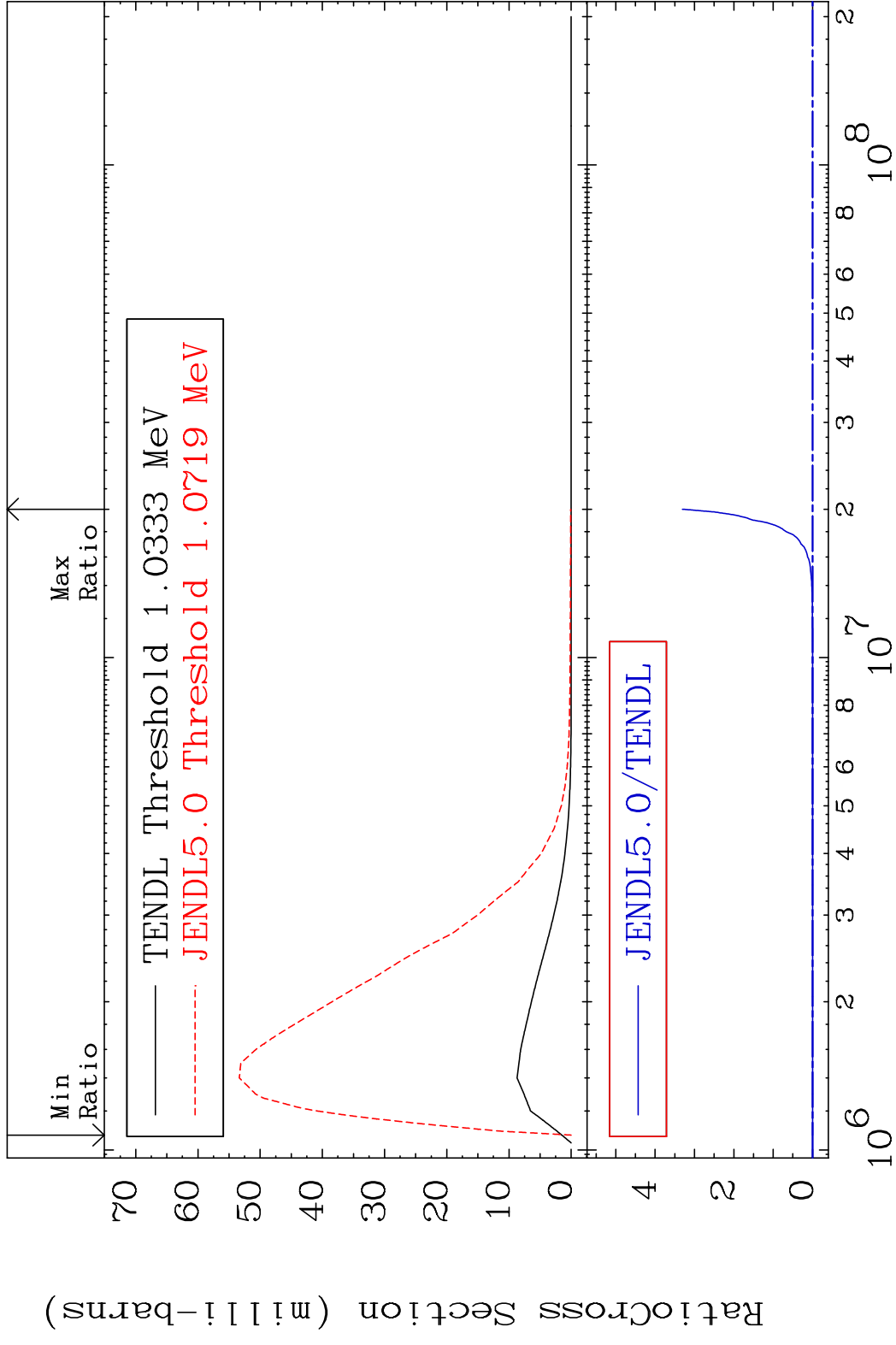
31 Incident Energy (eV) 47-Ag-111

MAT 4737 MT= 72 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %



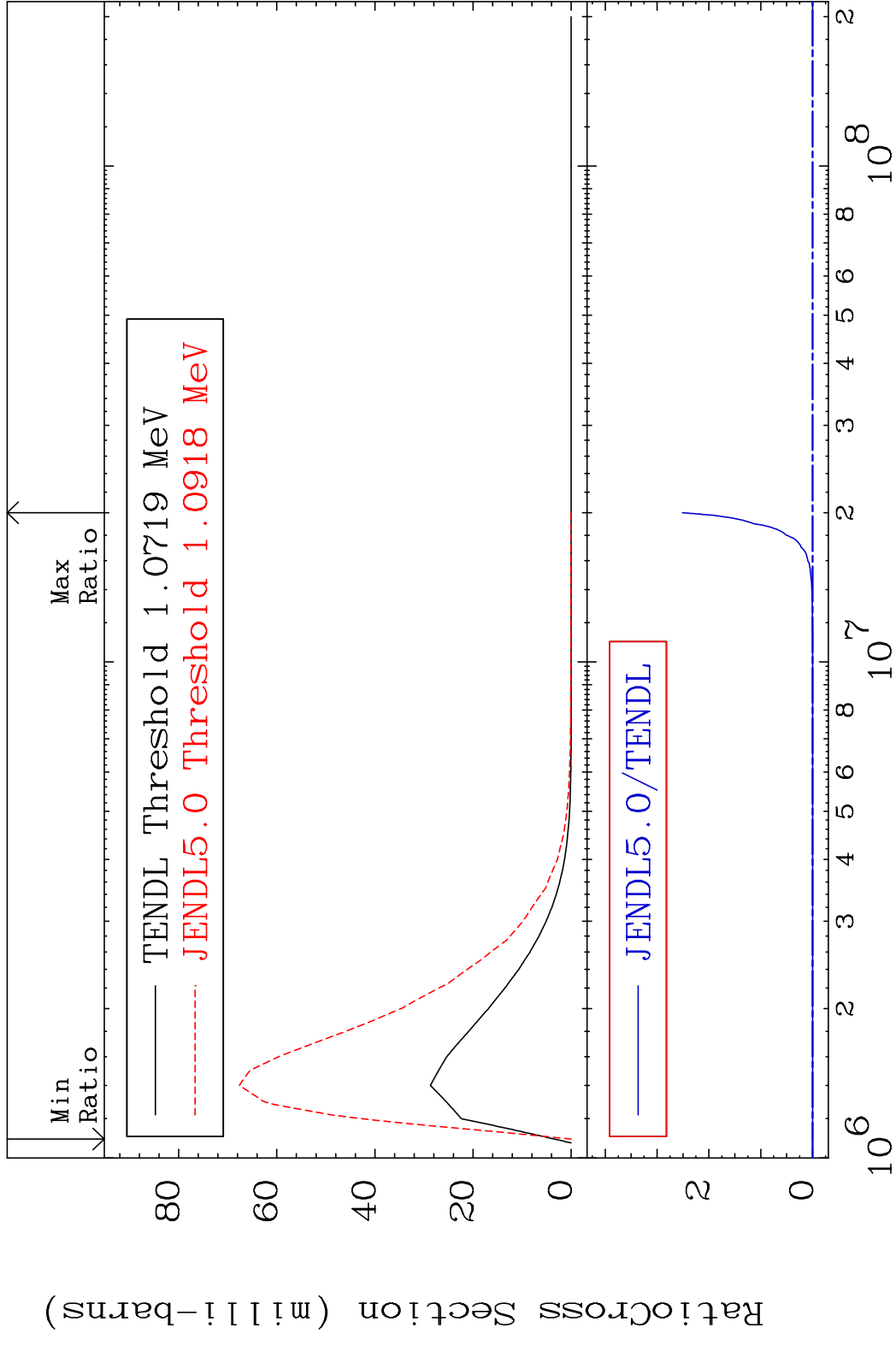
32 Incident Energy (eV) 47-Ag-111

MAT 4737 MT= 73 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %

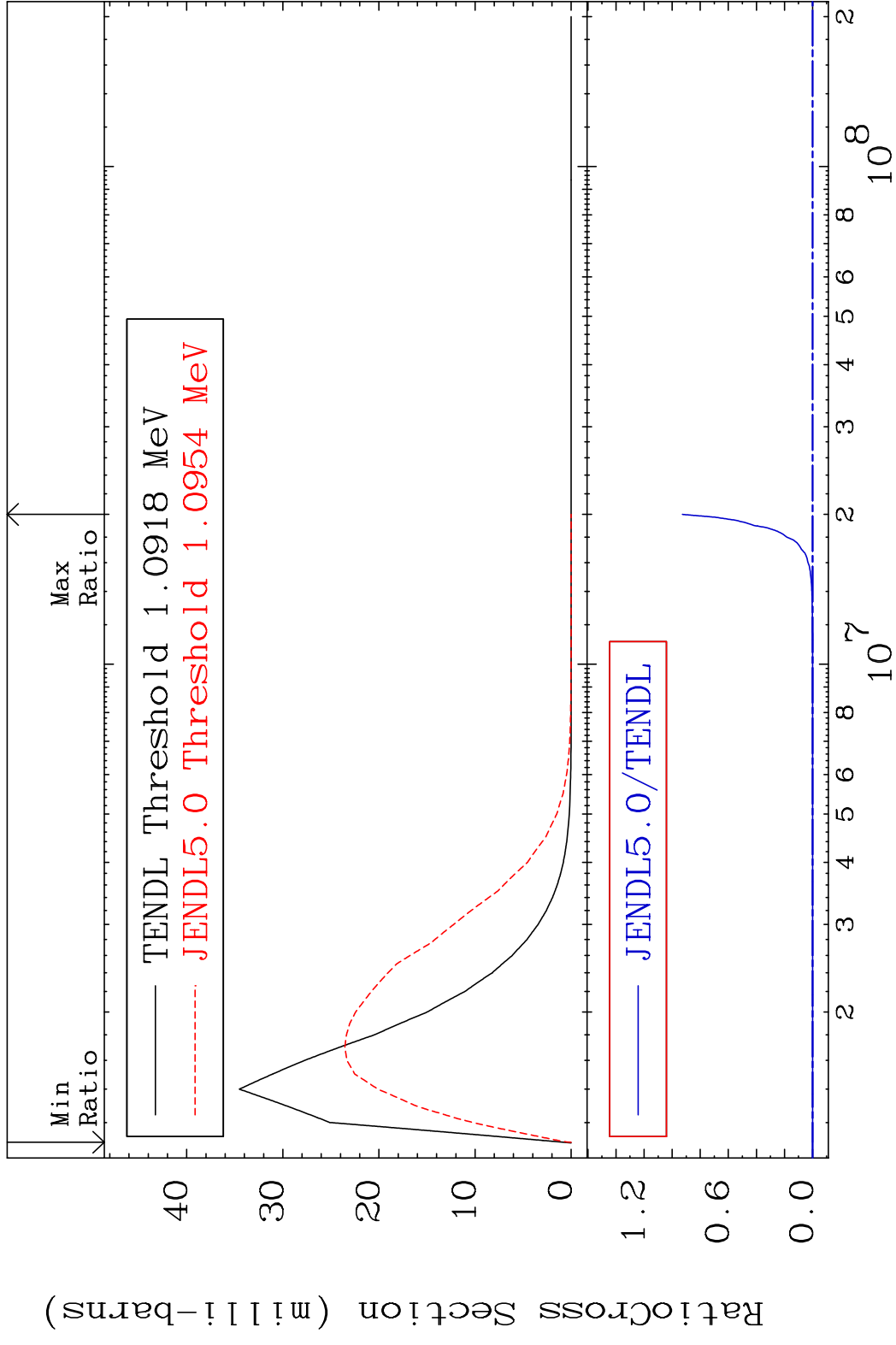


33 Incident Energy (eV) 47-Ag-111

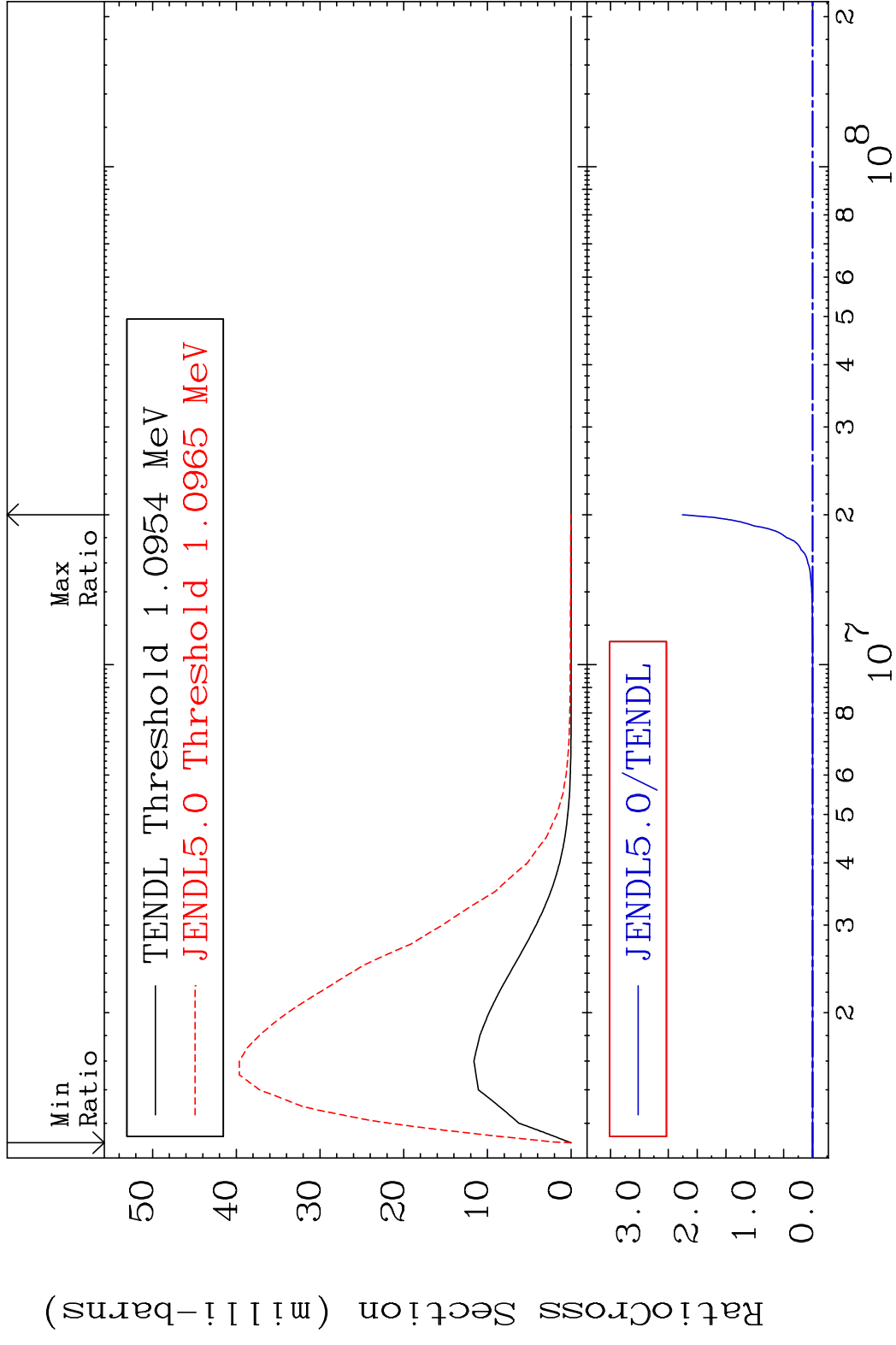
MAT 4737 MT= 74 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %



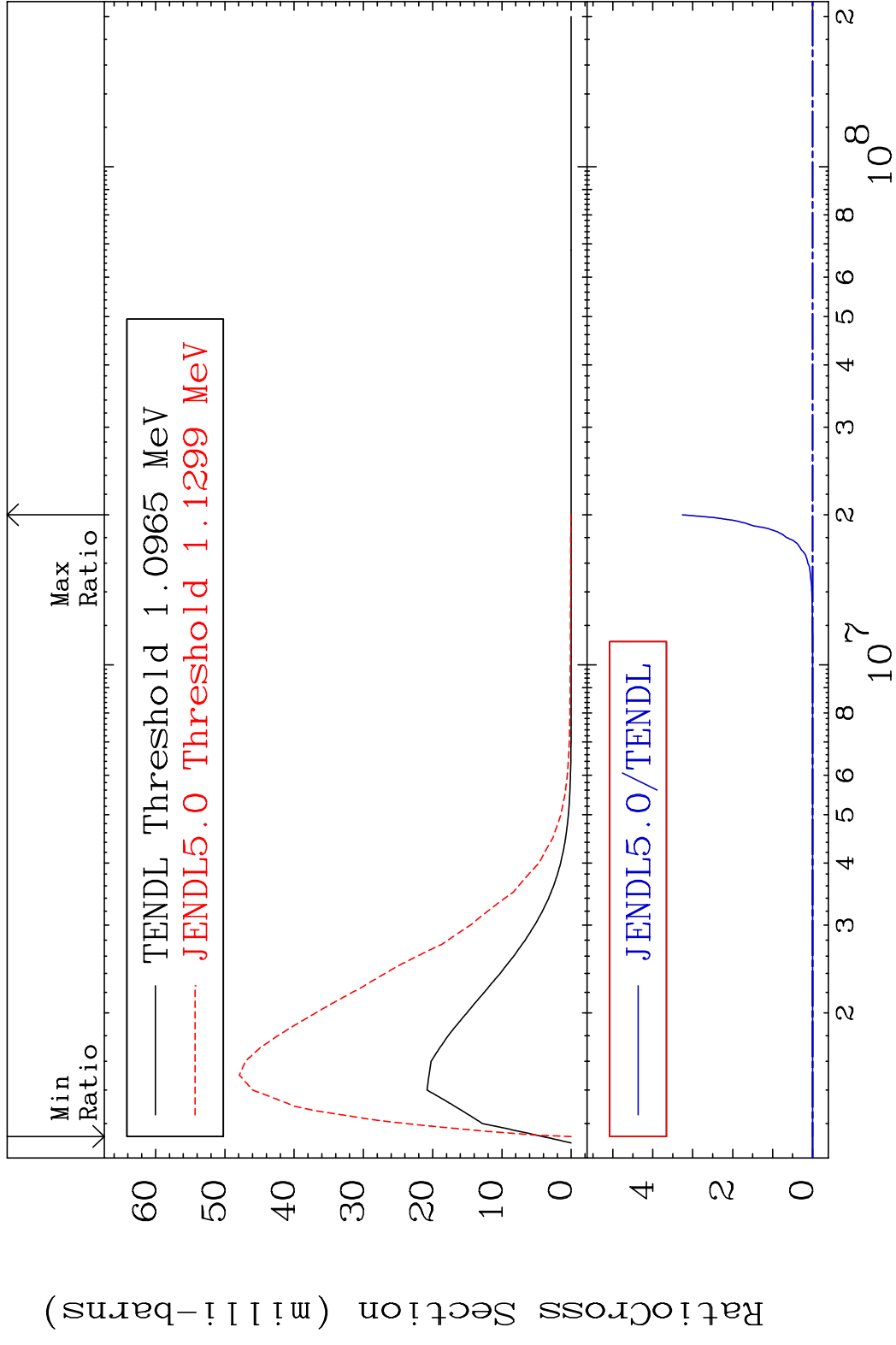
MAT 4737 MT= 75 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %



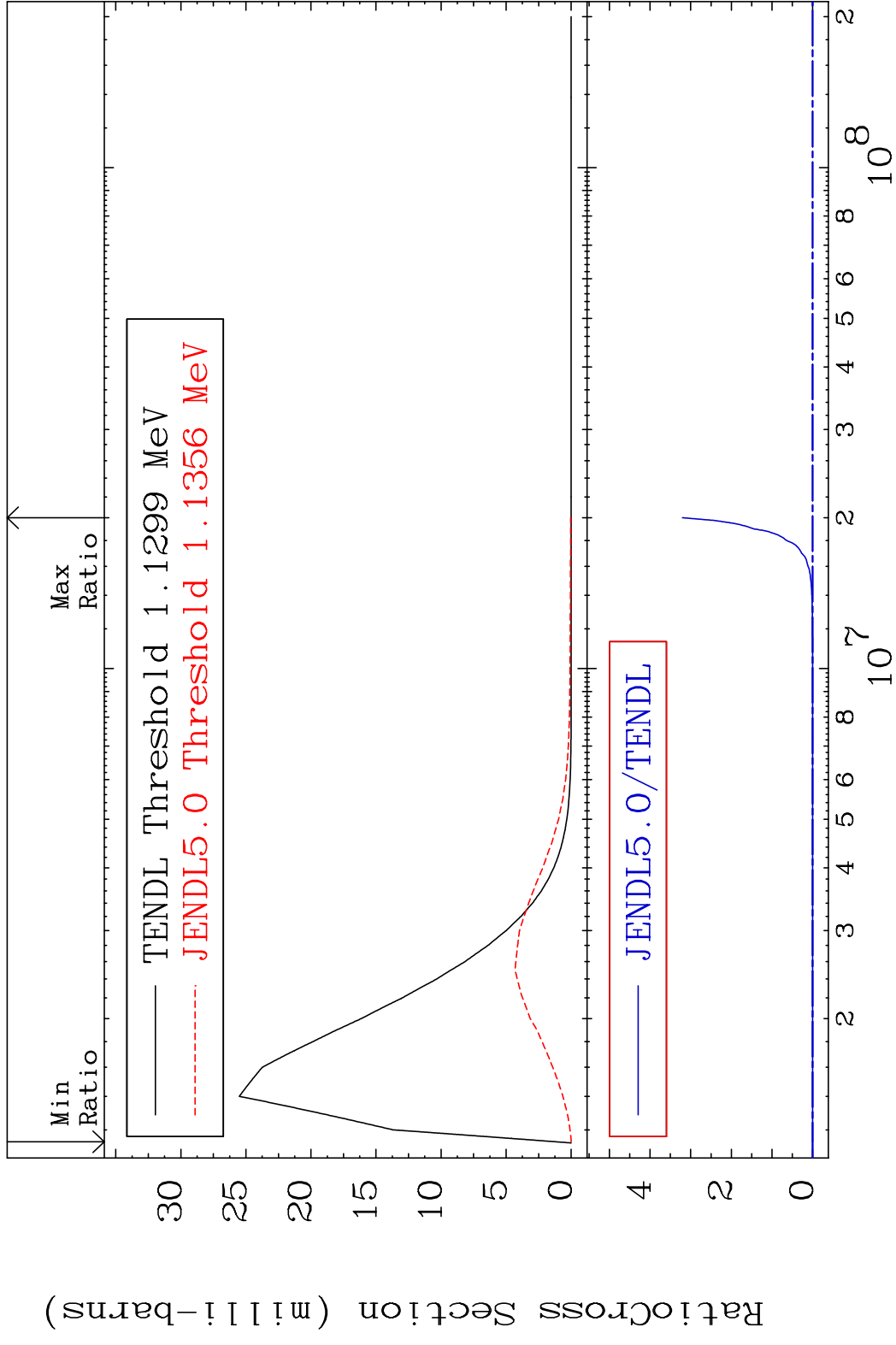
MAT 4737 MT= 76 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %



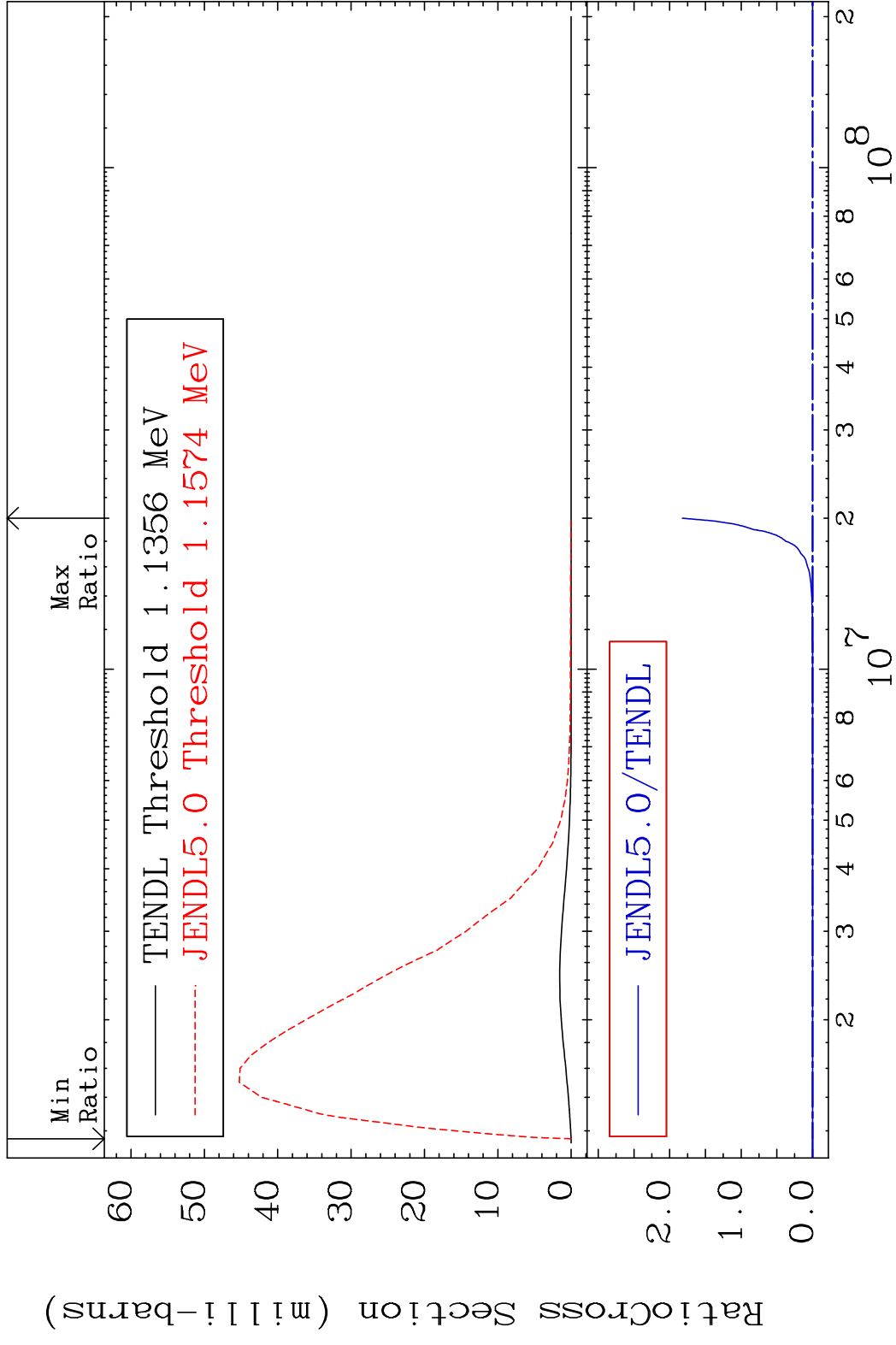
MAT 4737 MT= 77 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %



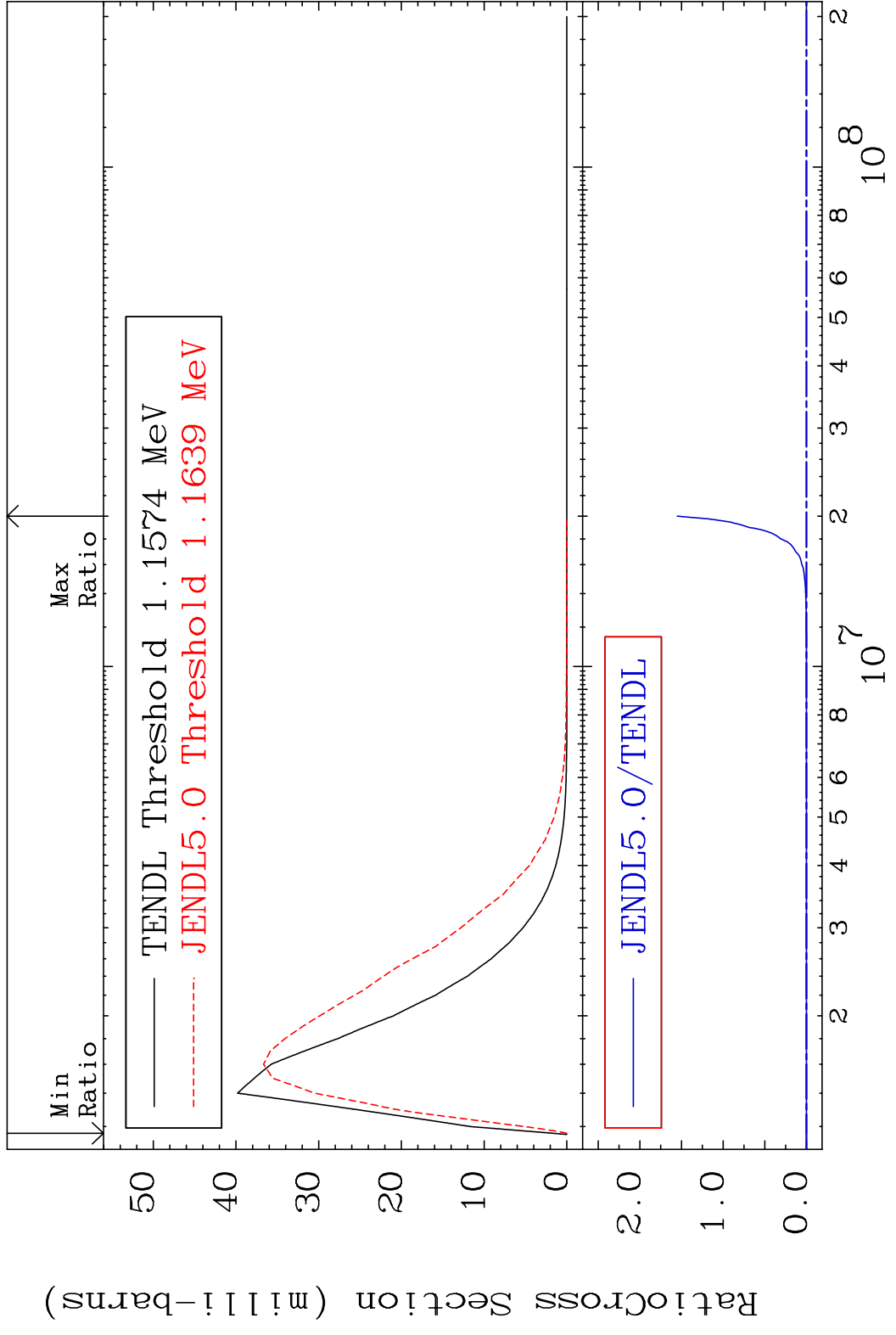
MAT 4737 MT= 78 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %



MAT 4737 MT= 79 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %



MAT 4737 MT= 80 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 9999. %



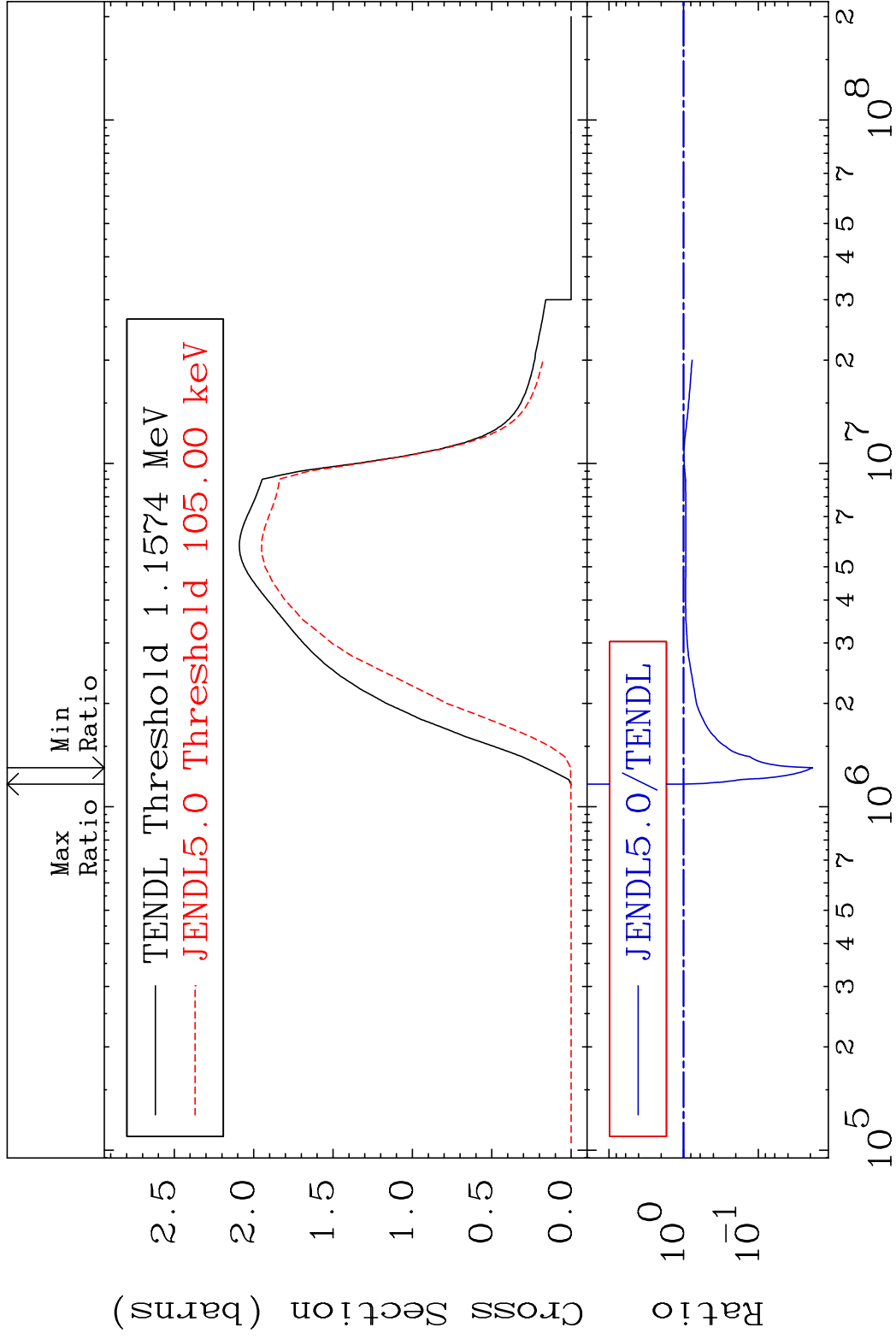
40 Incident Energy (eV) 47-Ag-111

MAT 4737

(n,n') Continuum

47-Ag-111

Cross Section -98.13 To 3.990 %



41

Incident Energy (eV)

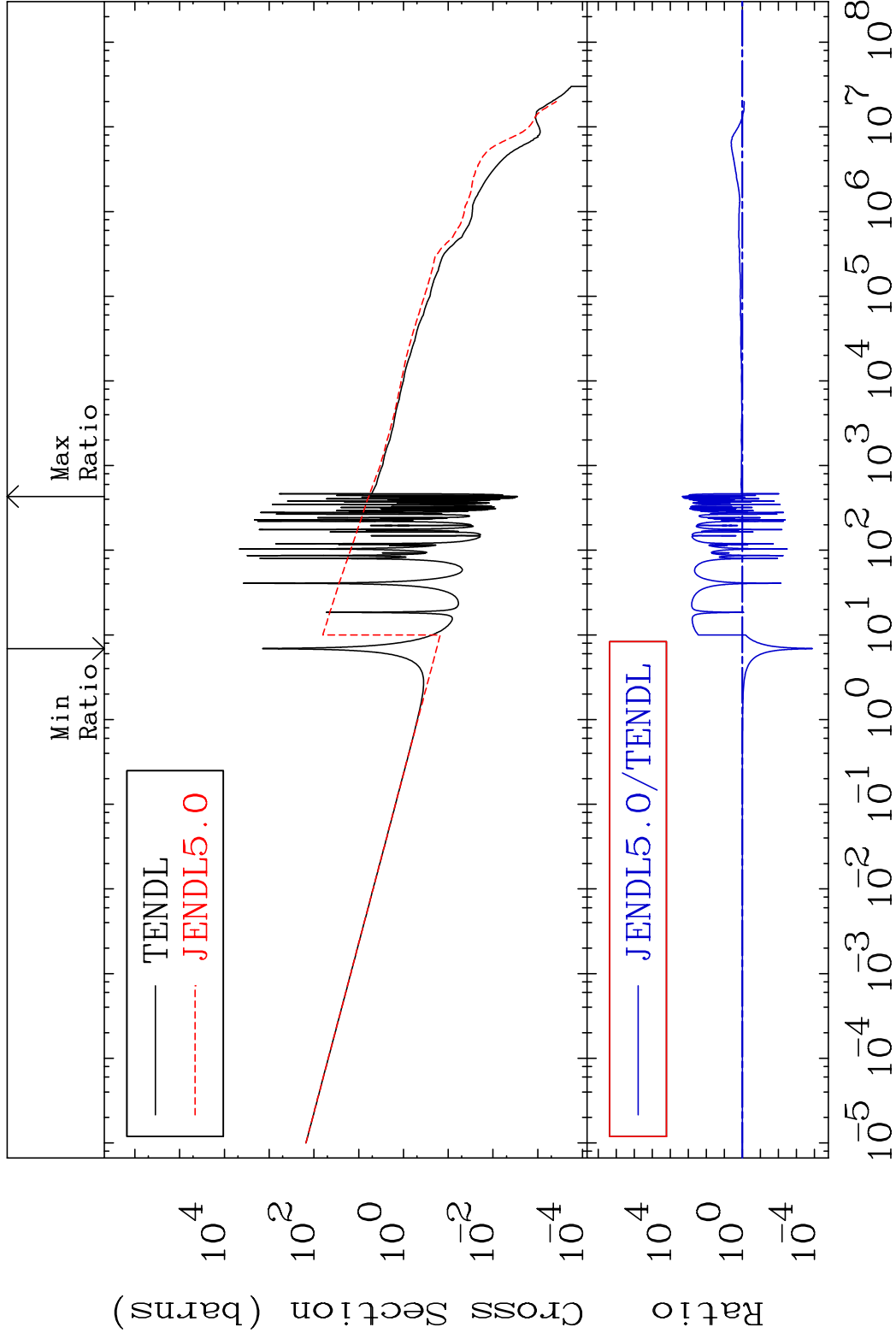
47-Ag-111

MAT 4737

(n, γ)

47-Ag-111

Cross Section -99.99 To 9999. %



42

Incident Energy (eV)

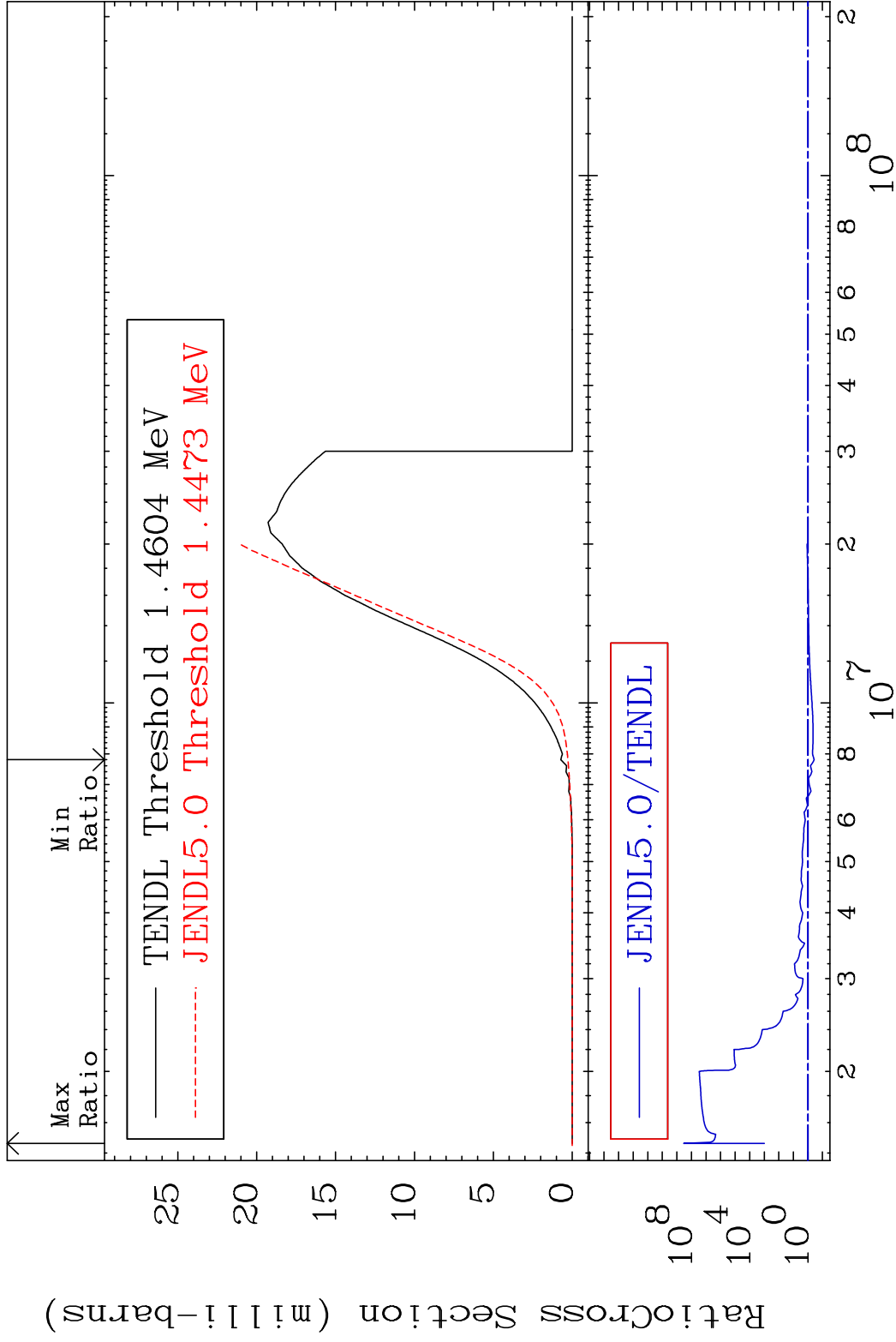
47-Ag-111

MAT 4737

(n, p)

47-Ag-111

Cross Section -62.34 To 9999. %



43

Incident Energy (eV)

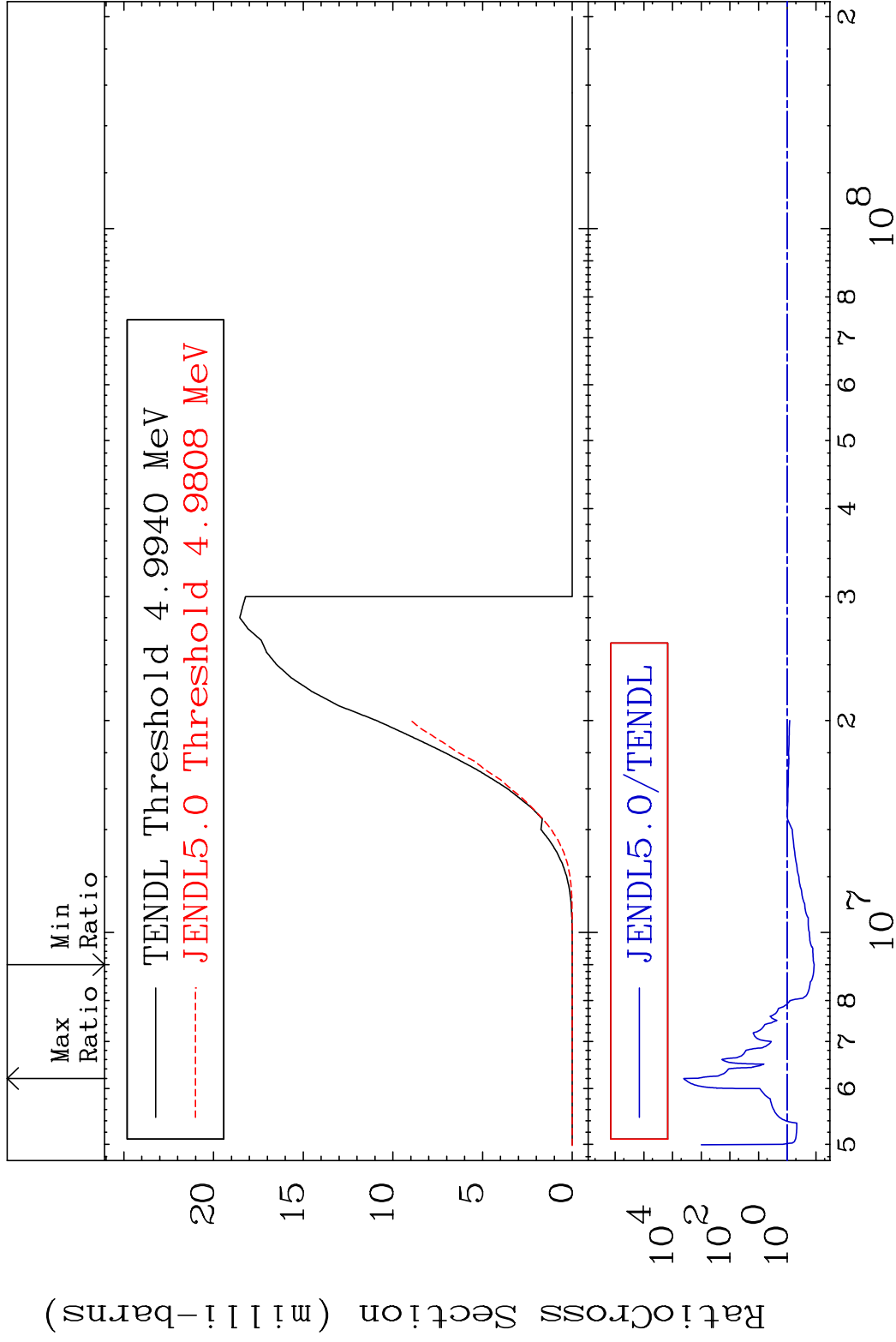
47-Ag-111

MAT 4737

(n, d)

47-Ag-111

Cross Section -88.42 To 9999. %



44

Incident Energy (eV)

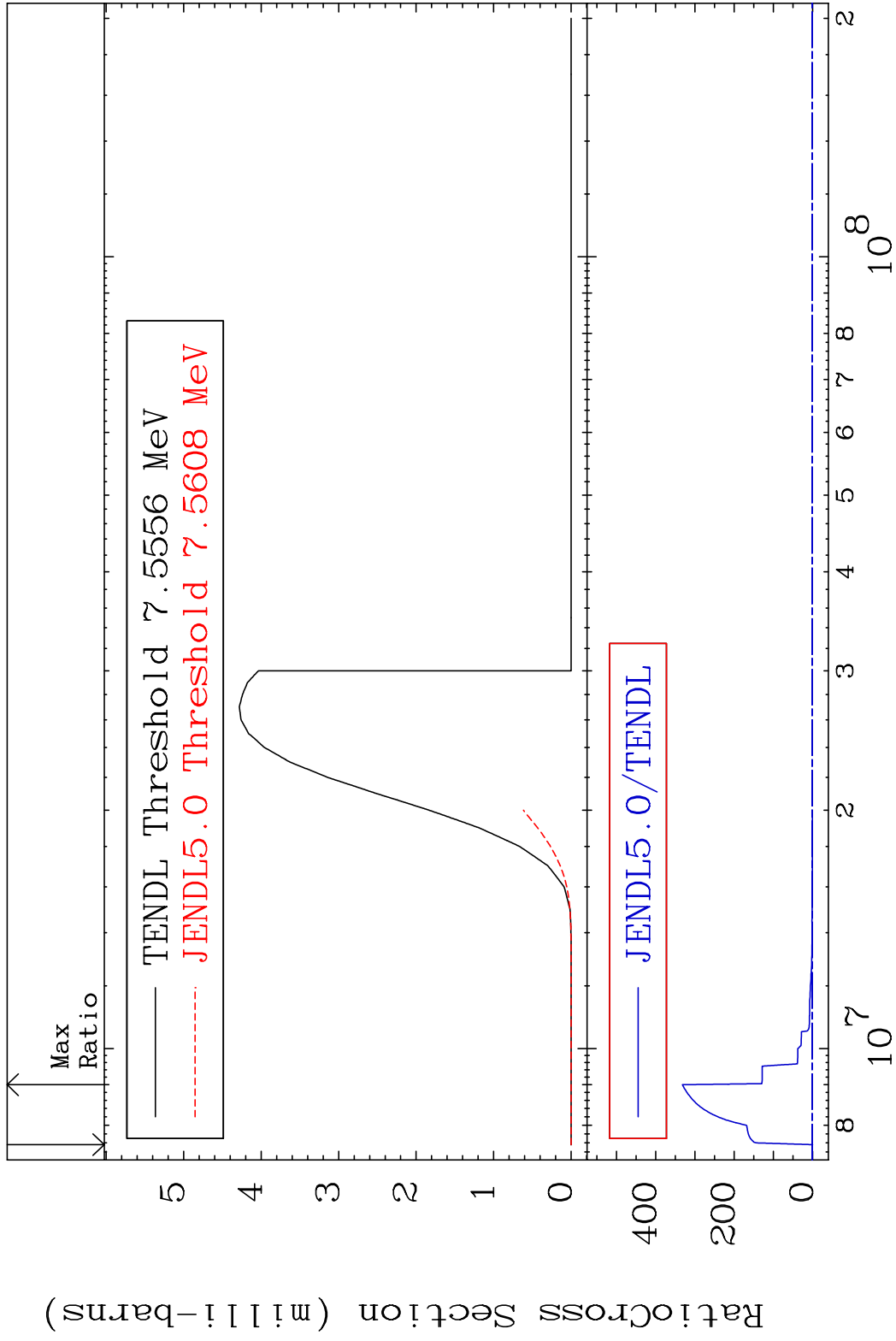
47-Ag-111

MAT 4737

(n, t)

47-Ag-111

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

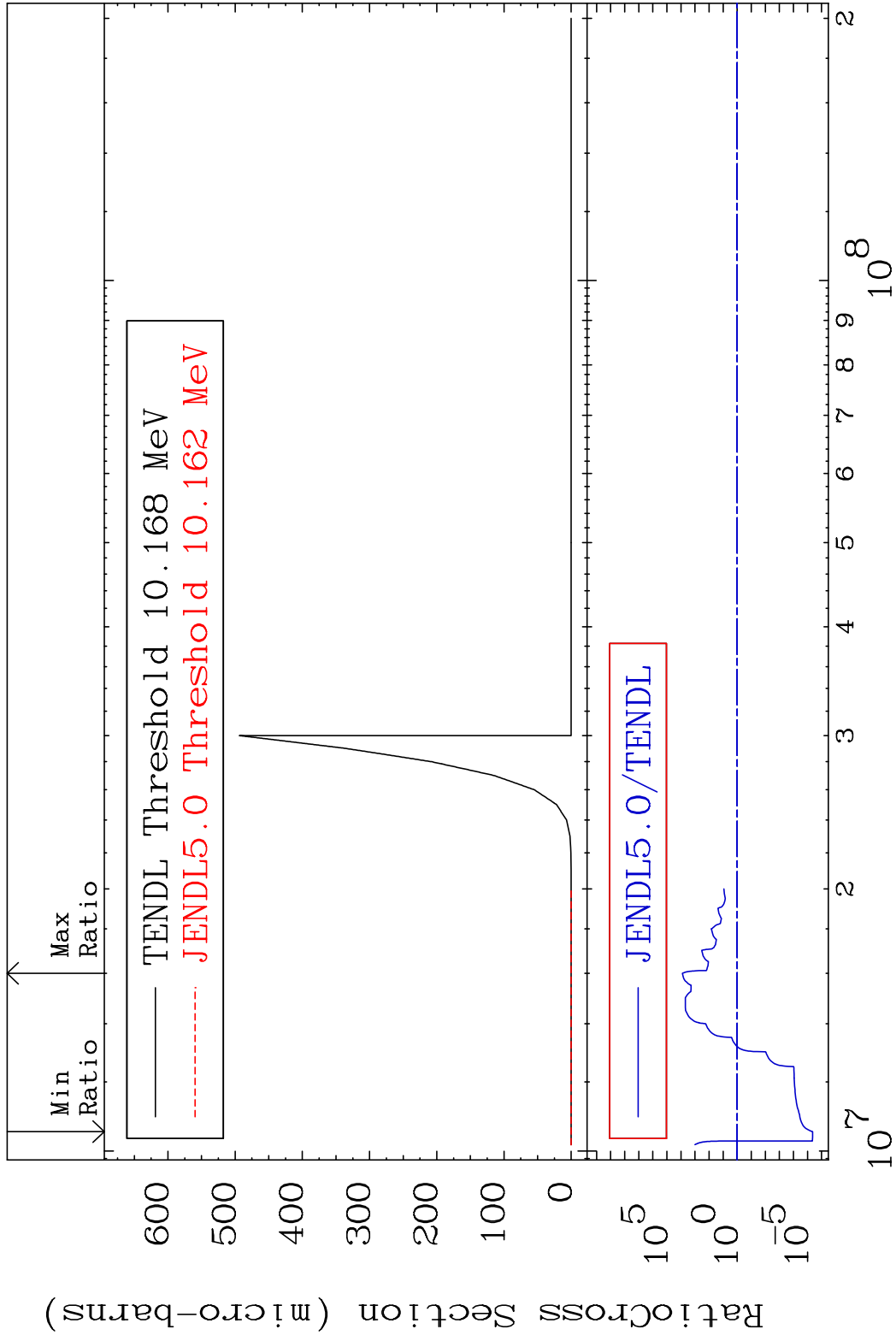
47-Ag-111

MAT 4737

(n, He-3)

47-Ag-111

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

47-Ag-111

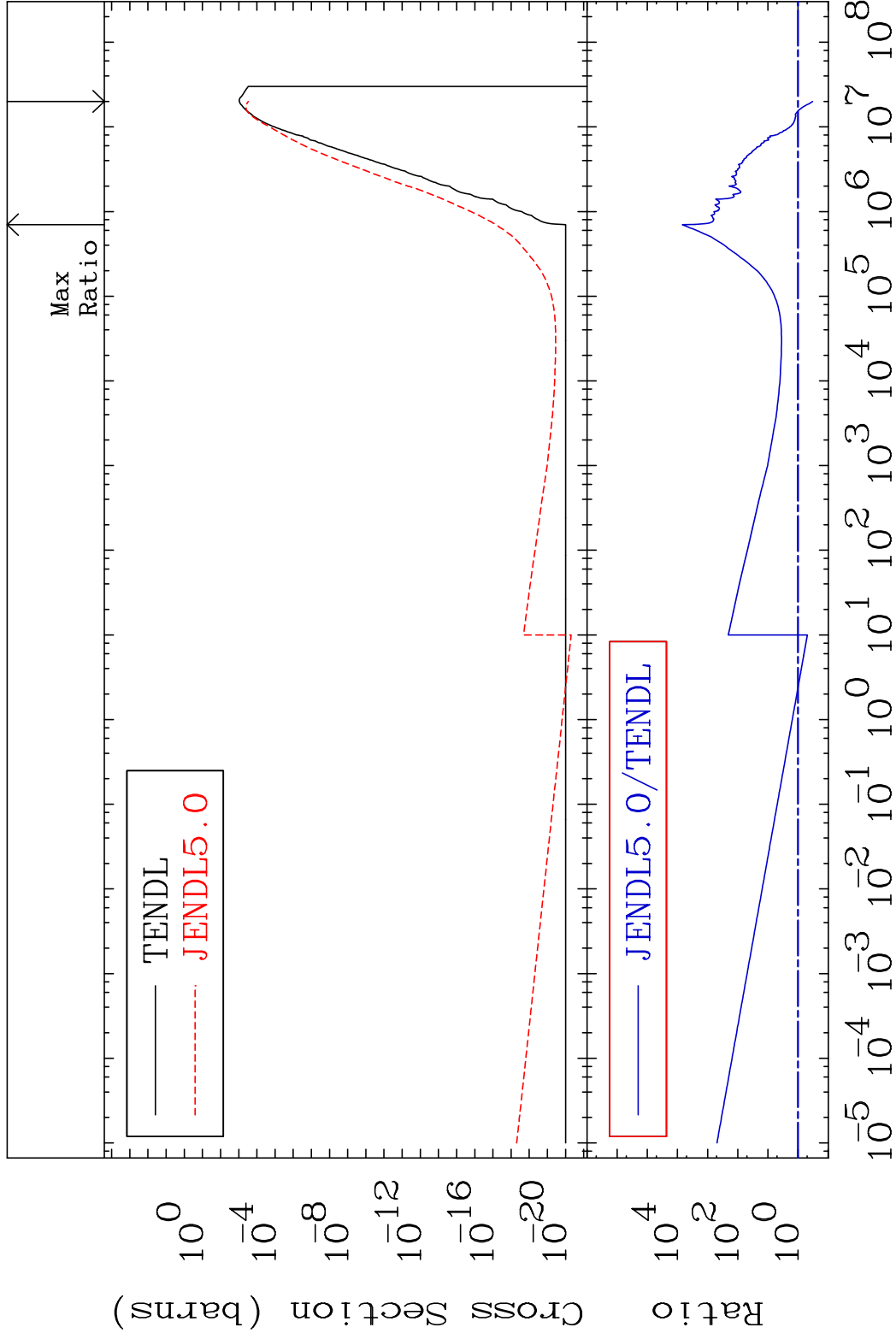
MAT 4737

(n, α)

47-Ag-111

Cross Section

-67.06 To 9999. %



47

Incident Energy (eV)

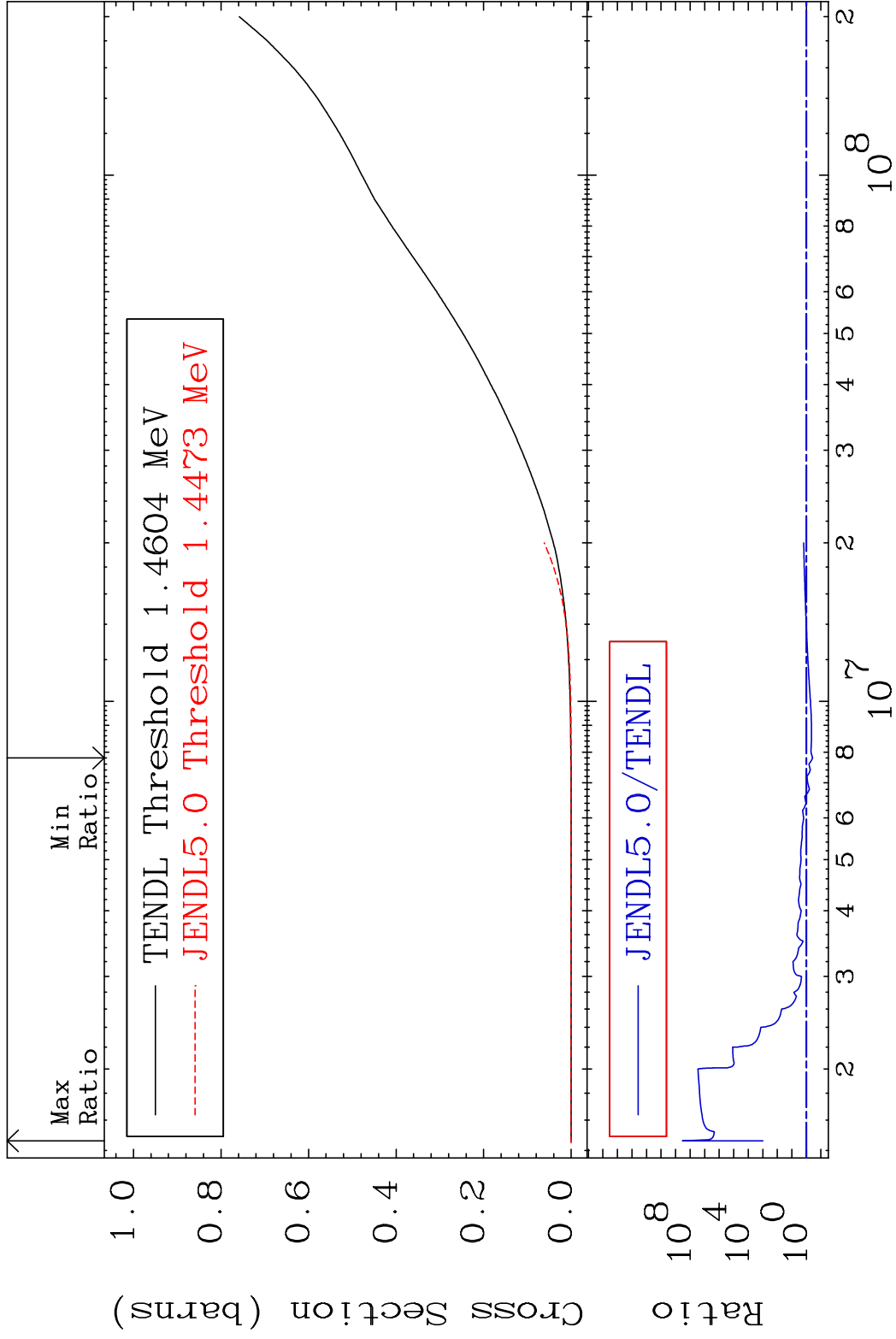
47-Ag-111

MAT 4737

Hydrogen Production

47-Ag-111

Cross Section -62.34 To 9999. %



48

Incident Energy (eV)

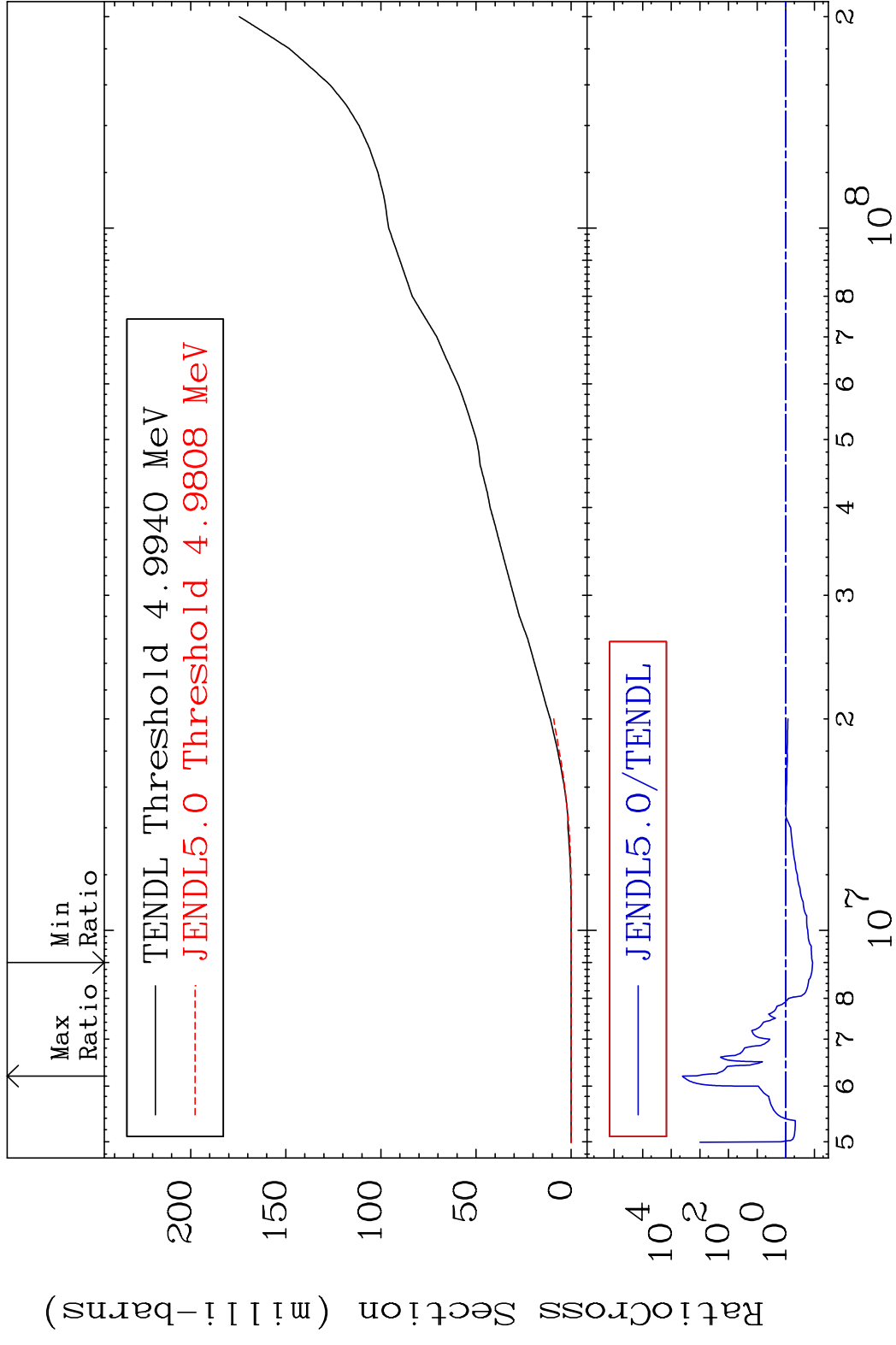
47-Ag-111

MAT 4737

Deuterium Production

47-Ag-111

Cross Section -88.42 To 9999. %



49

Incident Energy (eV)

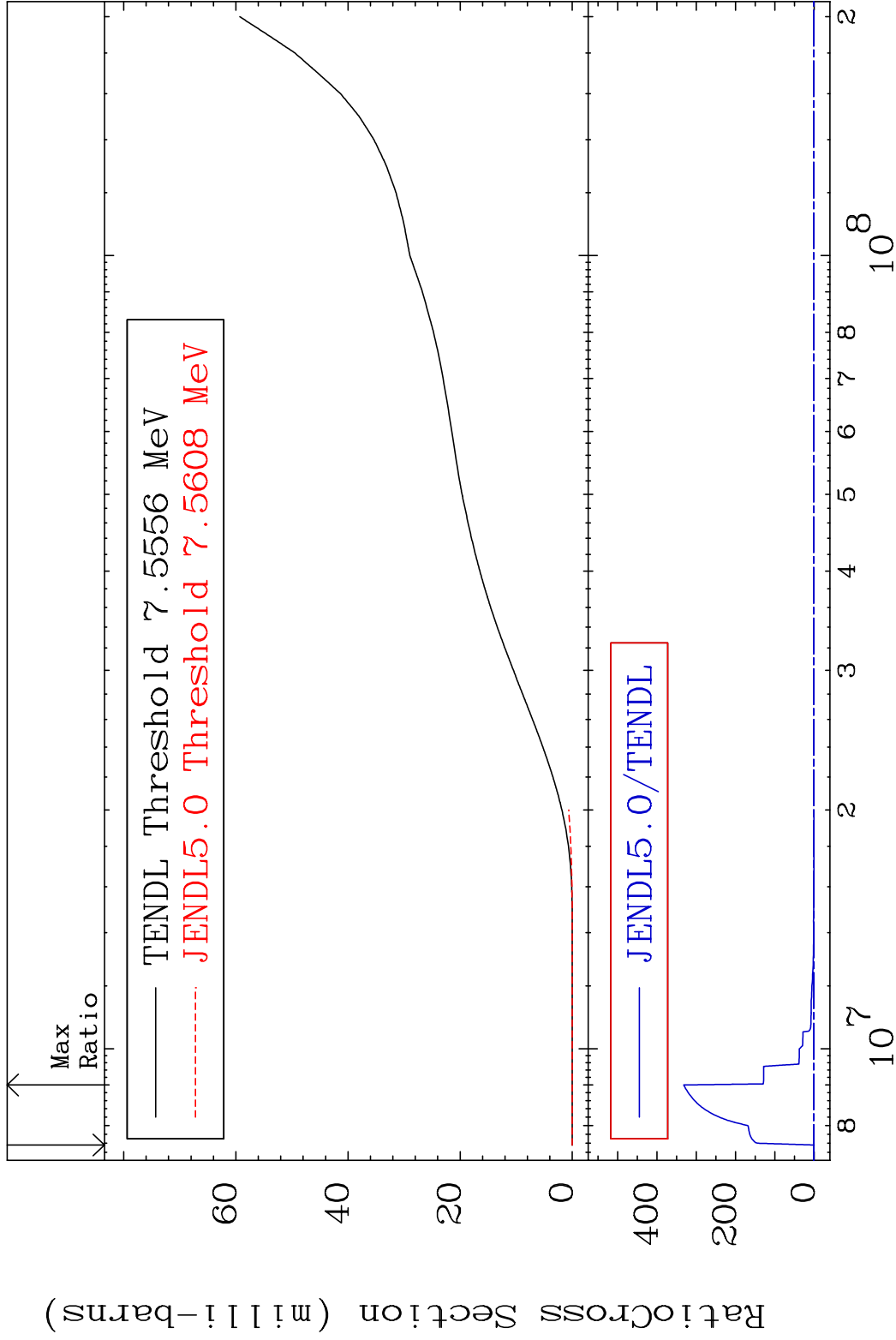
47-Ag-111

MAT 4737

Tritium Production

47-Ag-111

Cross Section -100.0 To 9999. %

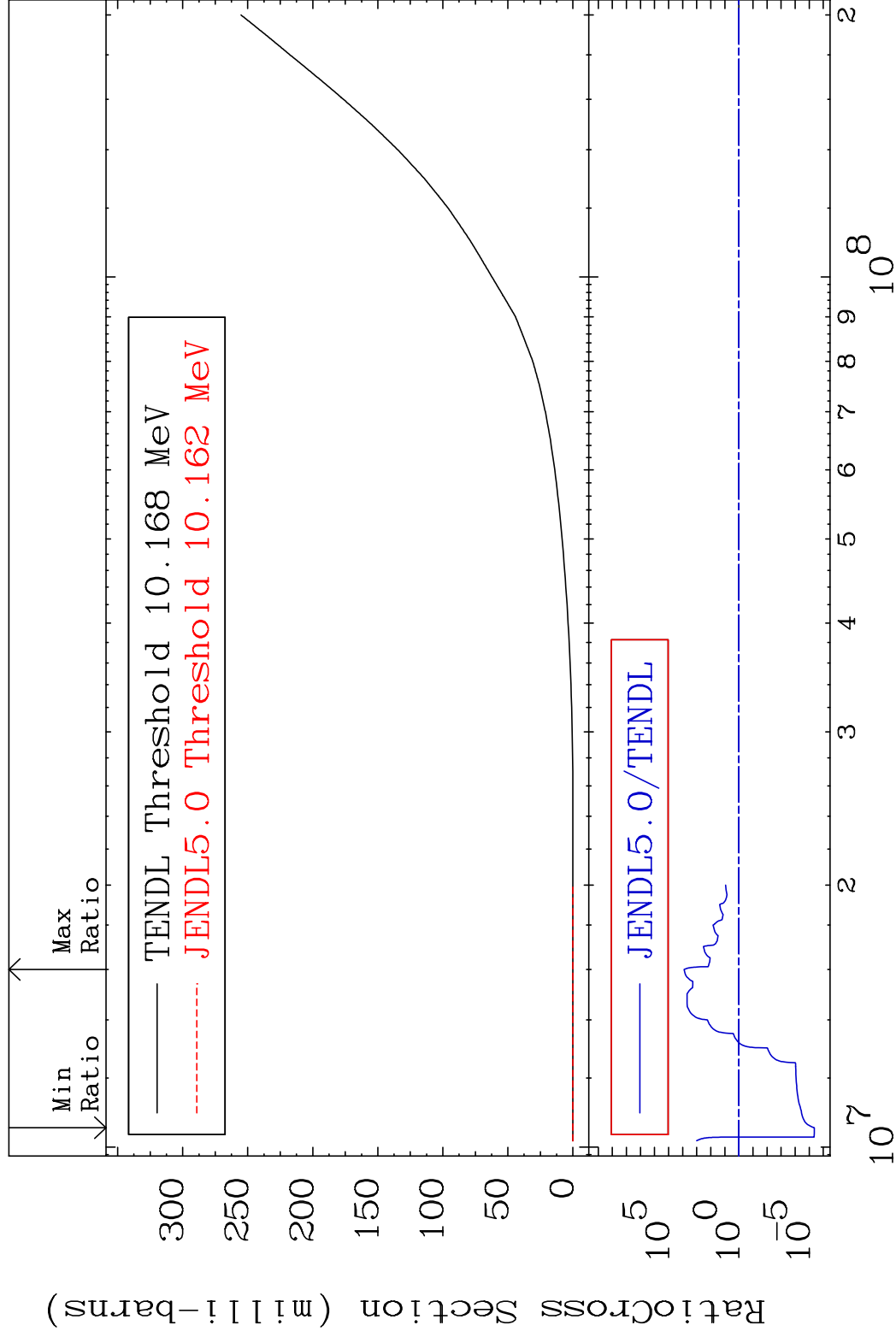


50

Incident Energy (eV)

47-Ag-111

Cross Section -100.0 To 9999. %

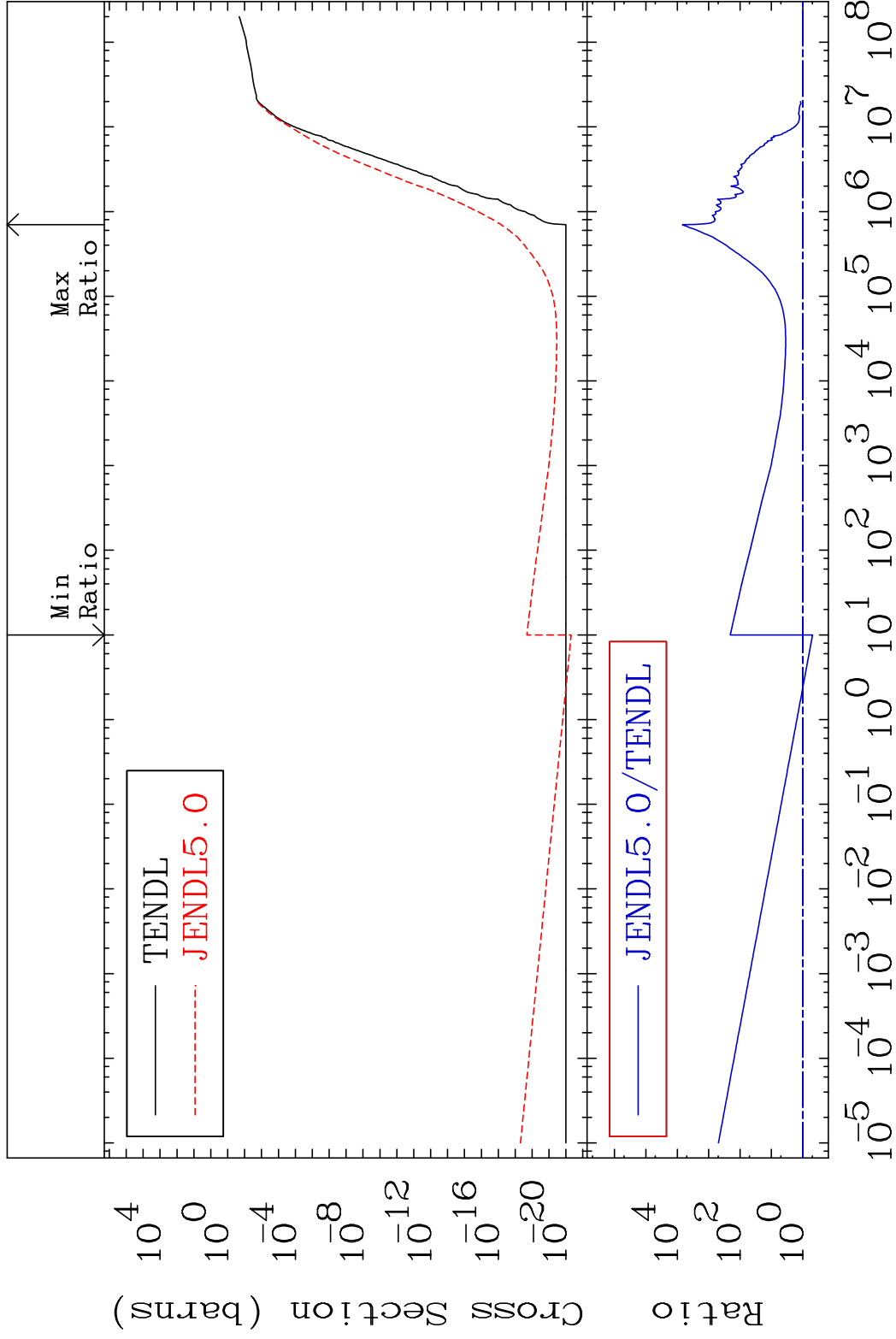


MAT 4737

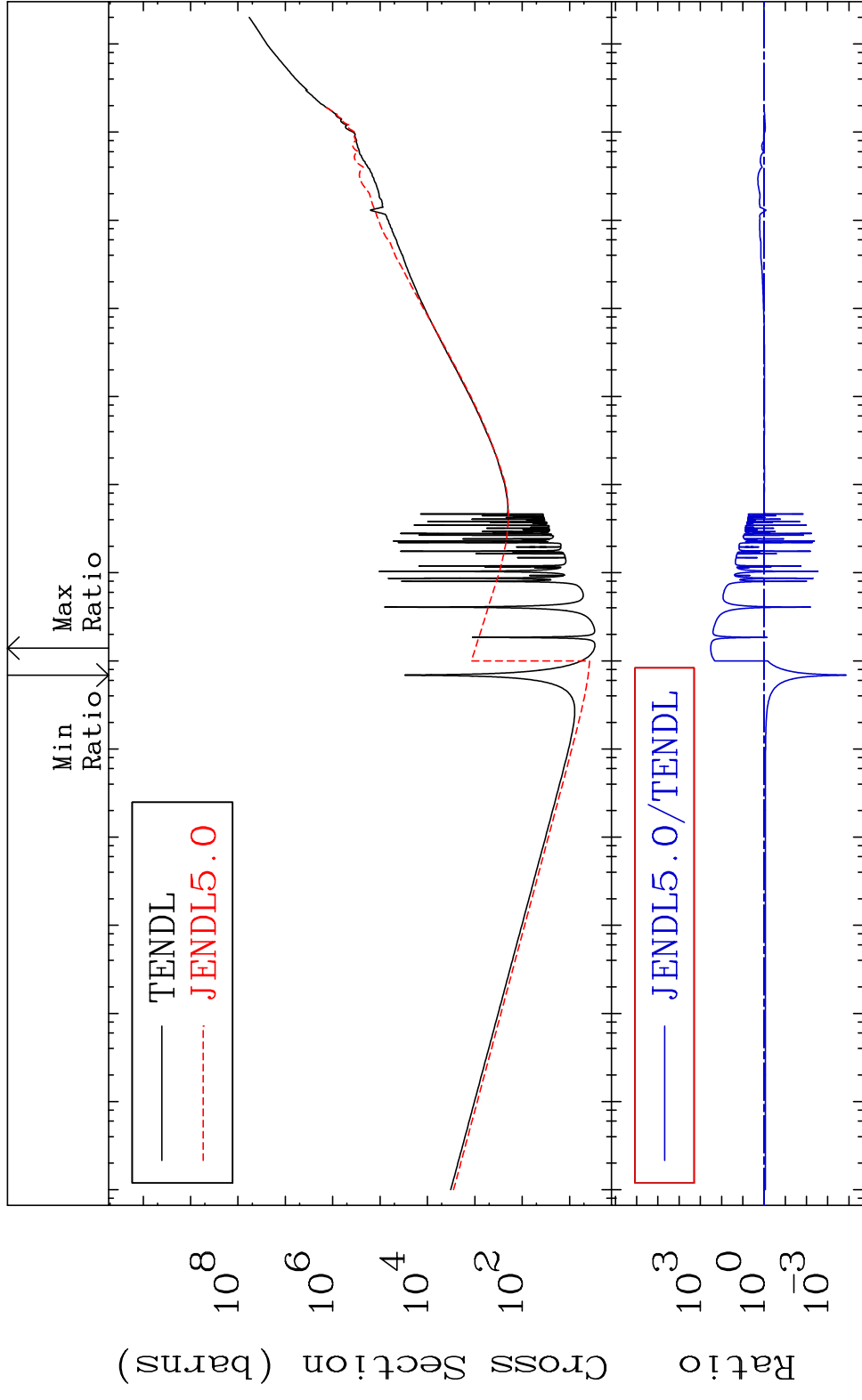
He-4 Production

47-Ag-111

Cross Section -51.03 To 9999. %



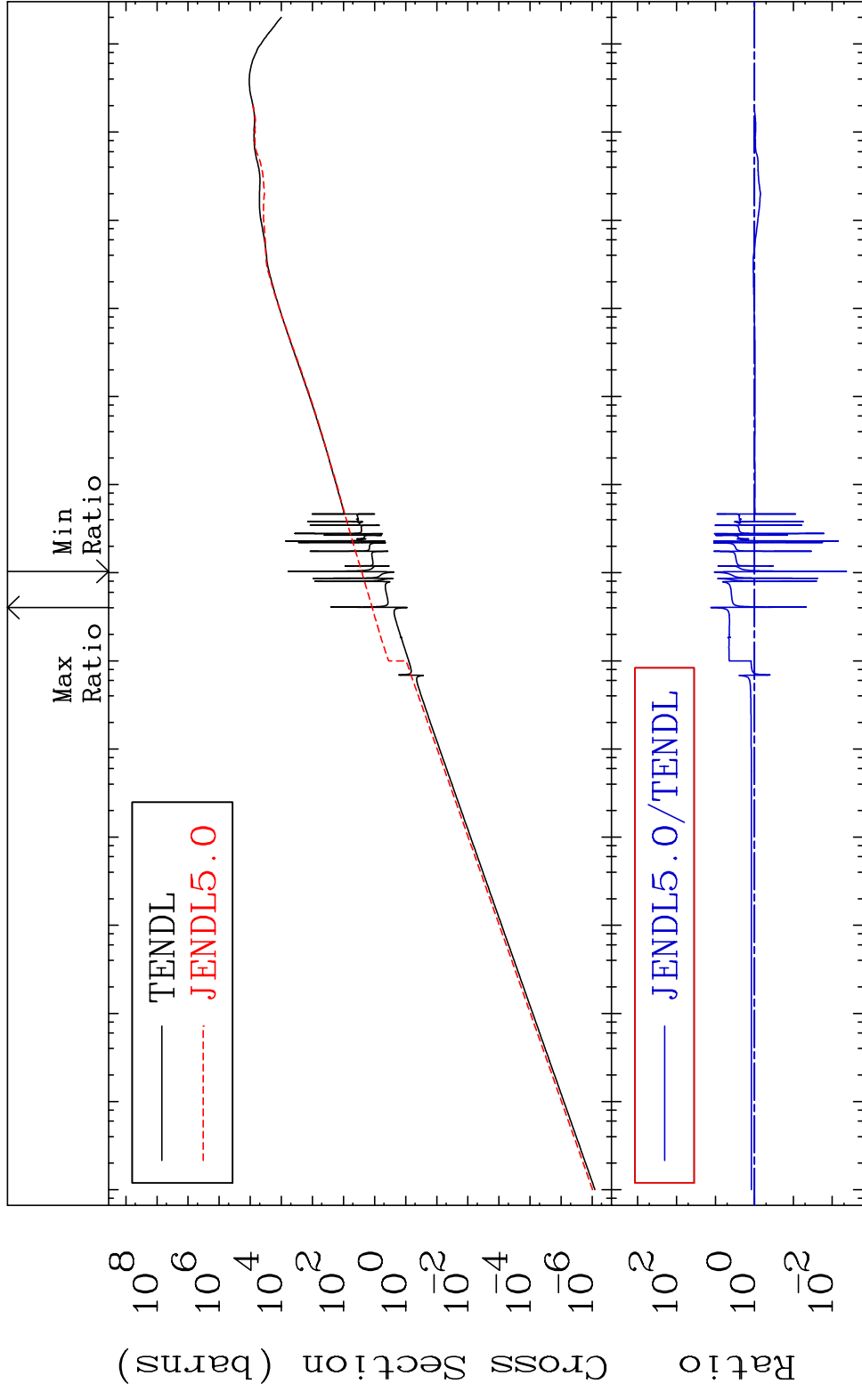
MAT 4737 Kerma total (eV-barns) 47-Ag-111
 Cross Section -99.99 To 9999. %



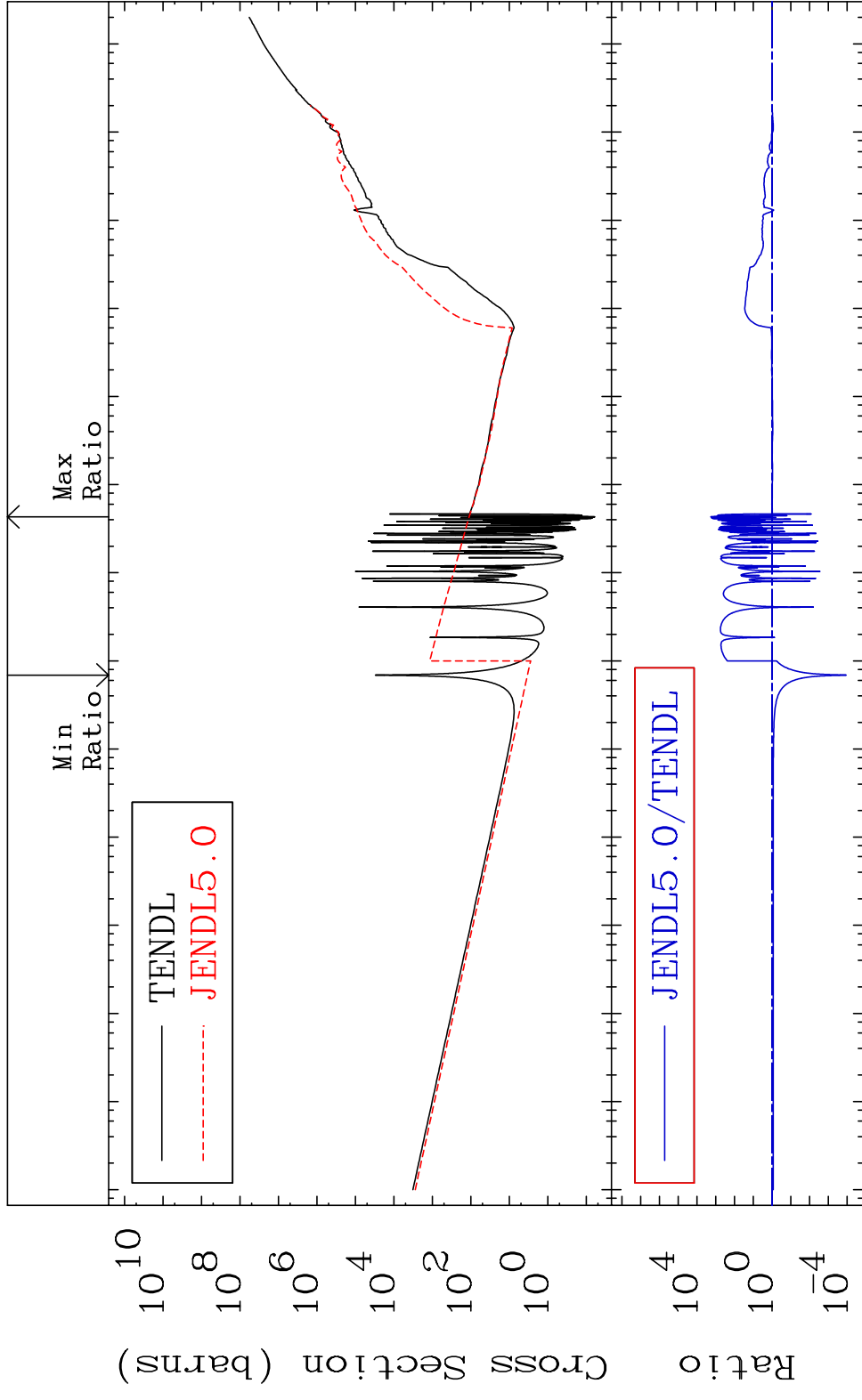
MAT 4737

Kerma elastic
Cross Section

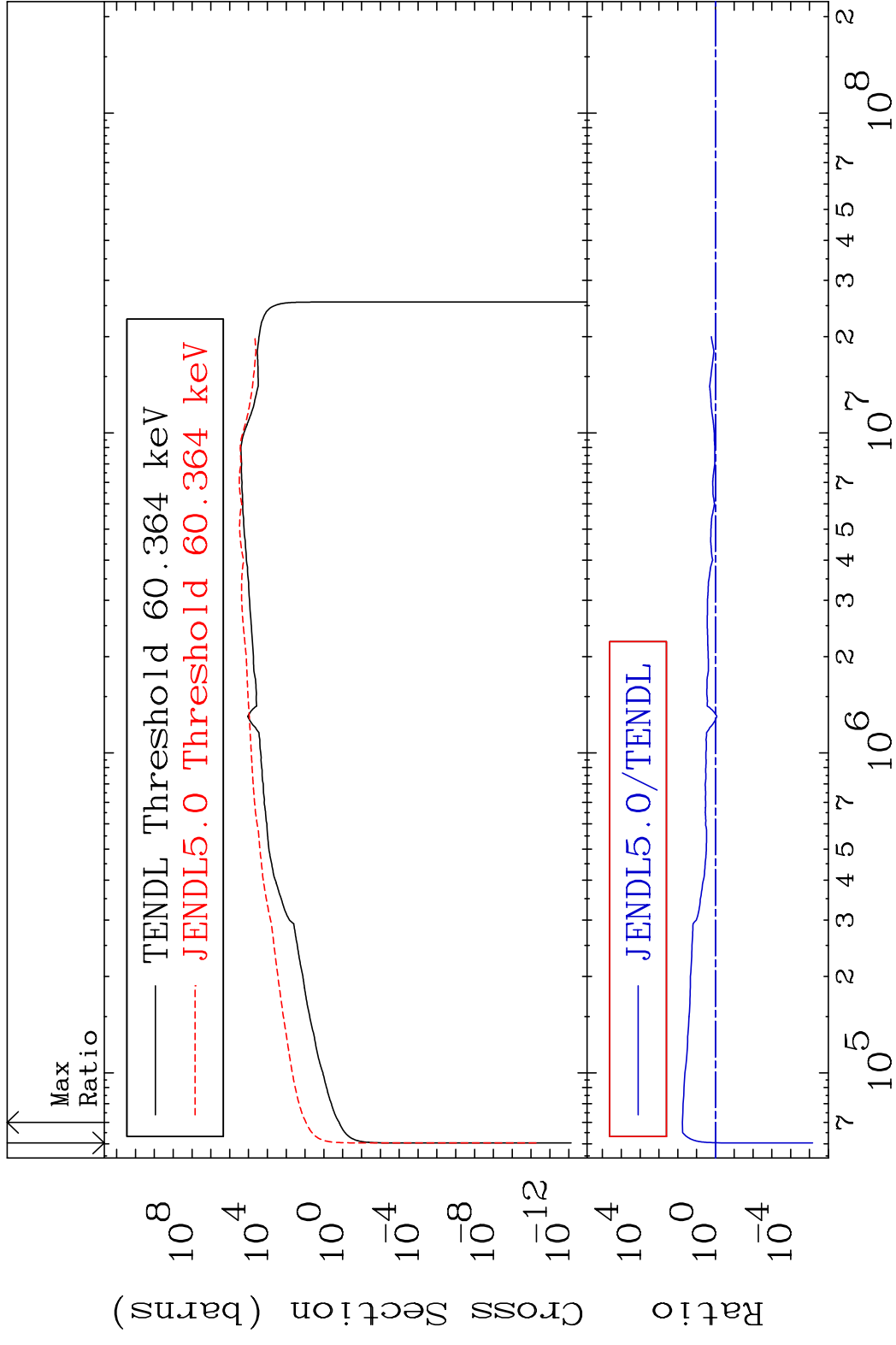
47-Ag-111
-99.57 To 1221. %



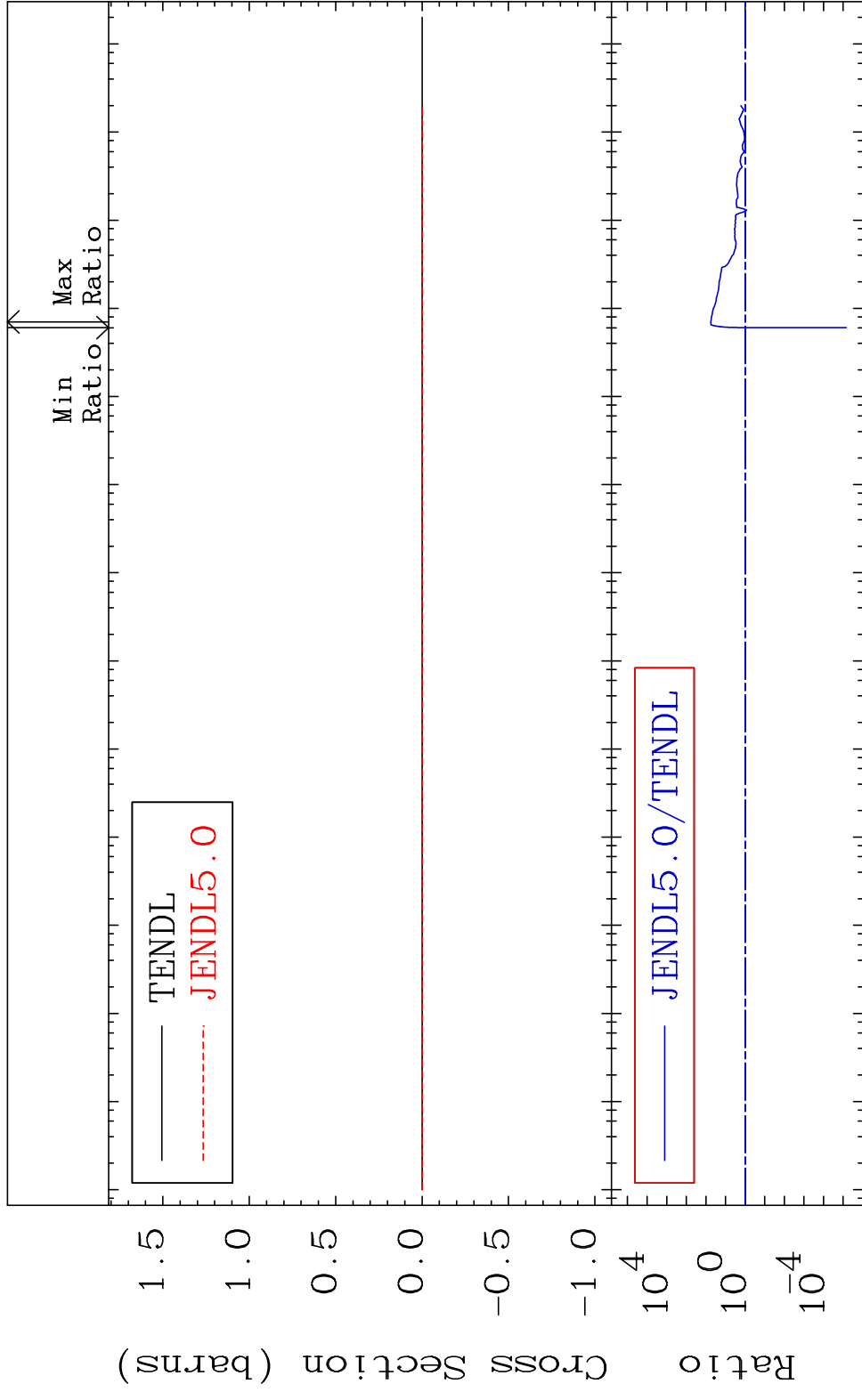
MAT 4737 Kerma non-elastic (all but mt2) 47-Ag-111
 Cross Section -99.99 To 9999. %



MAT 4737 Kerma inelastic (mt51-91) 47-Ag-111
 Cross Section -100.0 To 5574. %

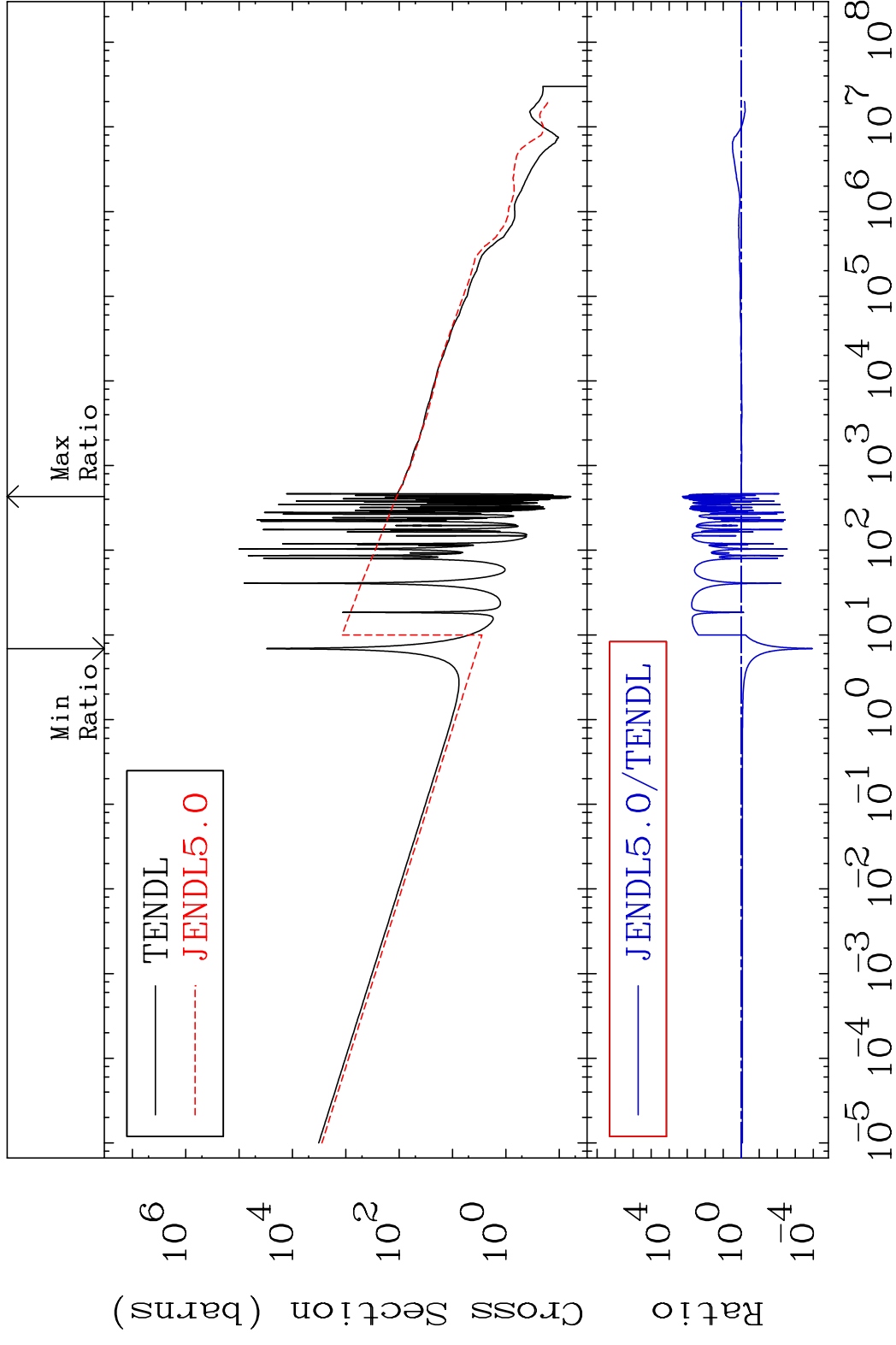


MAT 4737 Kerma fission (mt18 or mt19-20-21-38) #7-Ag-111
 Cross Section -100.0 To 5574. %



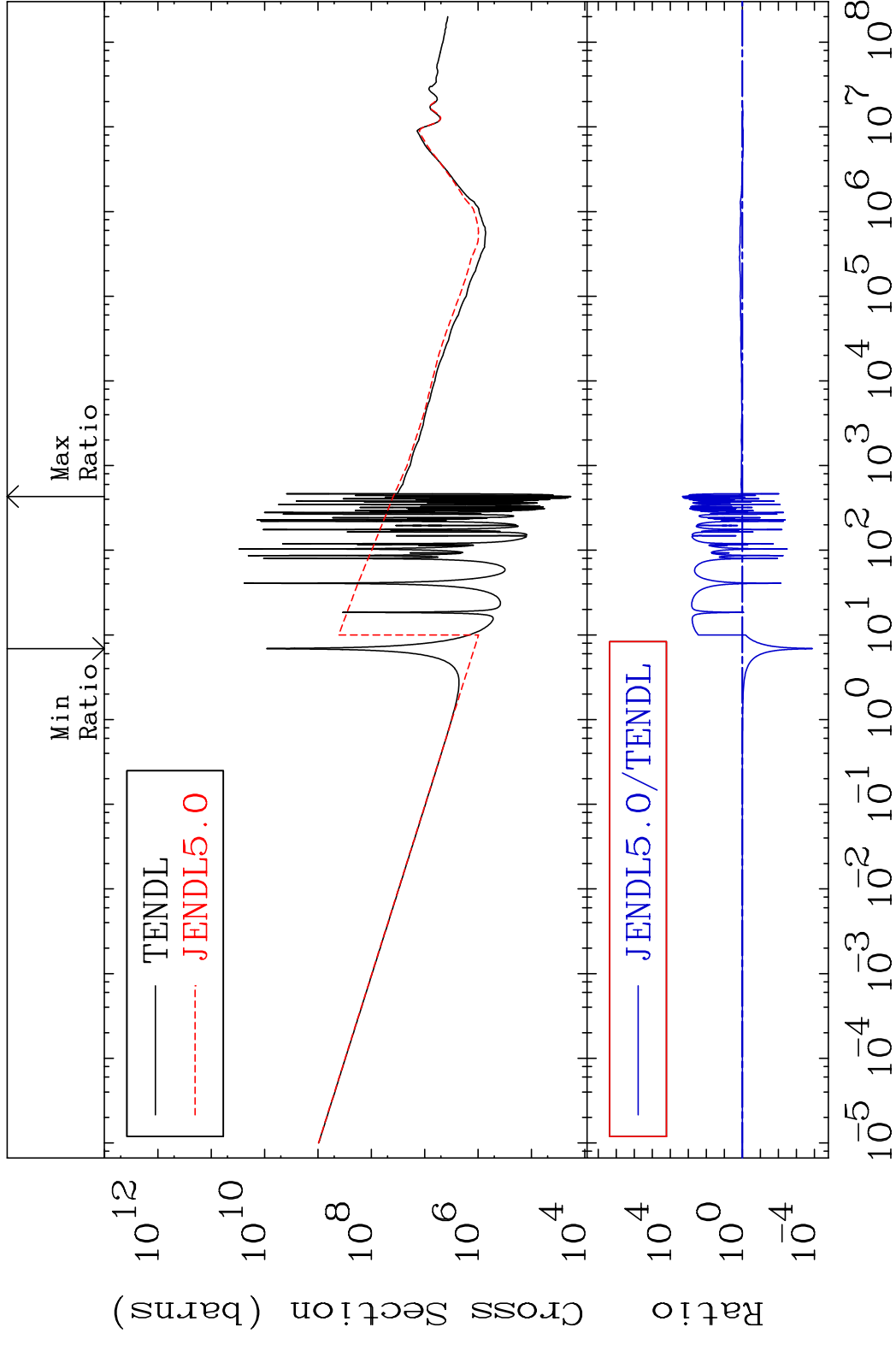
MAT 4737

Kerma capture (mt102) 47-Ag-111
Cross Section -99.99 To 9999. %

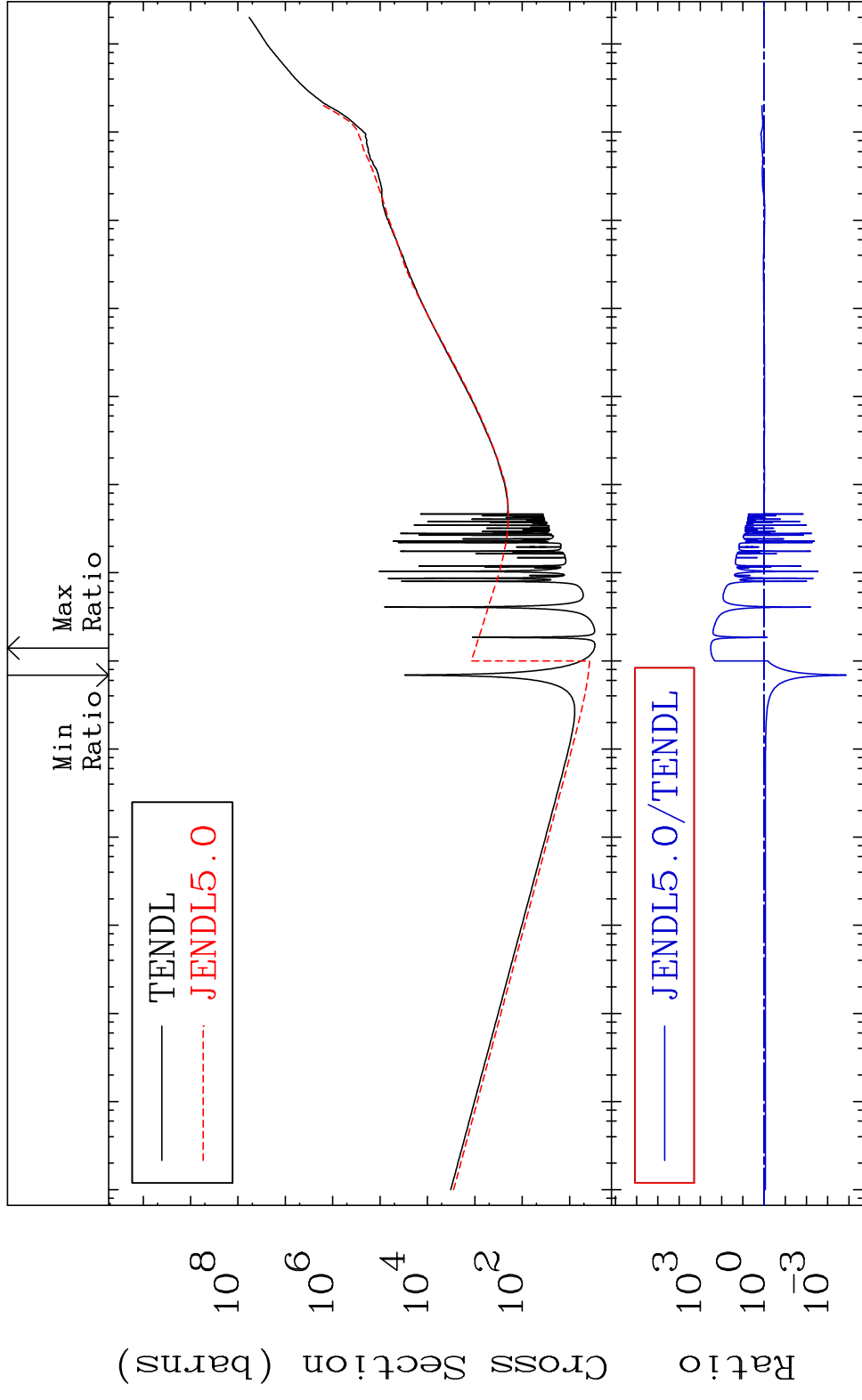


MAT 4737

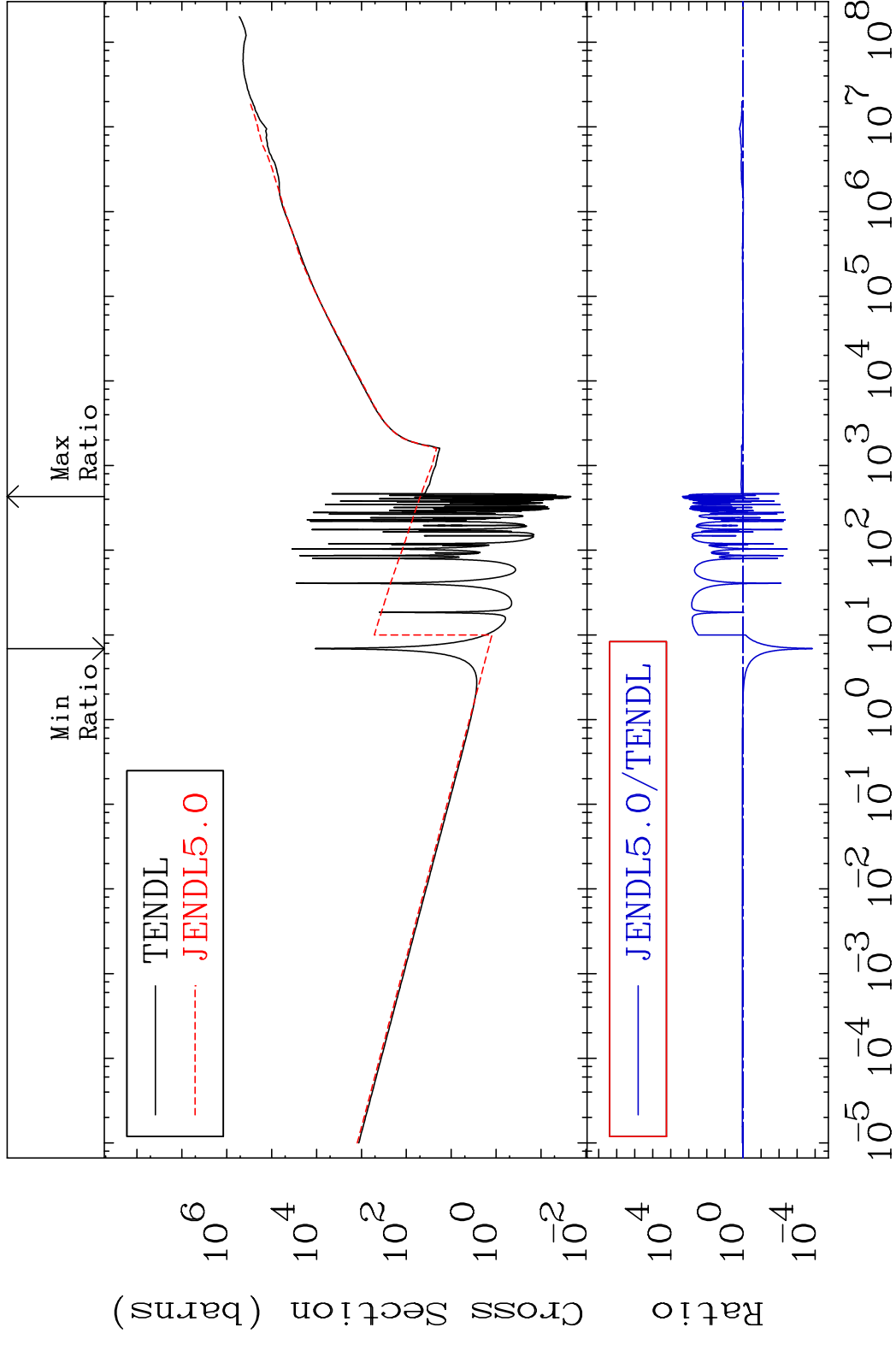
Total photon (eV-barns) 47-Ag-111
Cross Section -99.99 To 9999. %



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. %



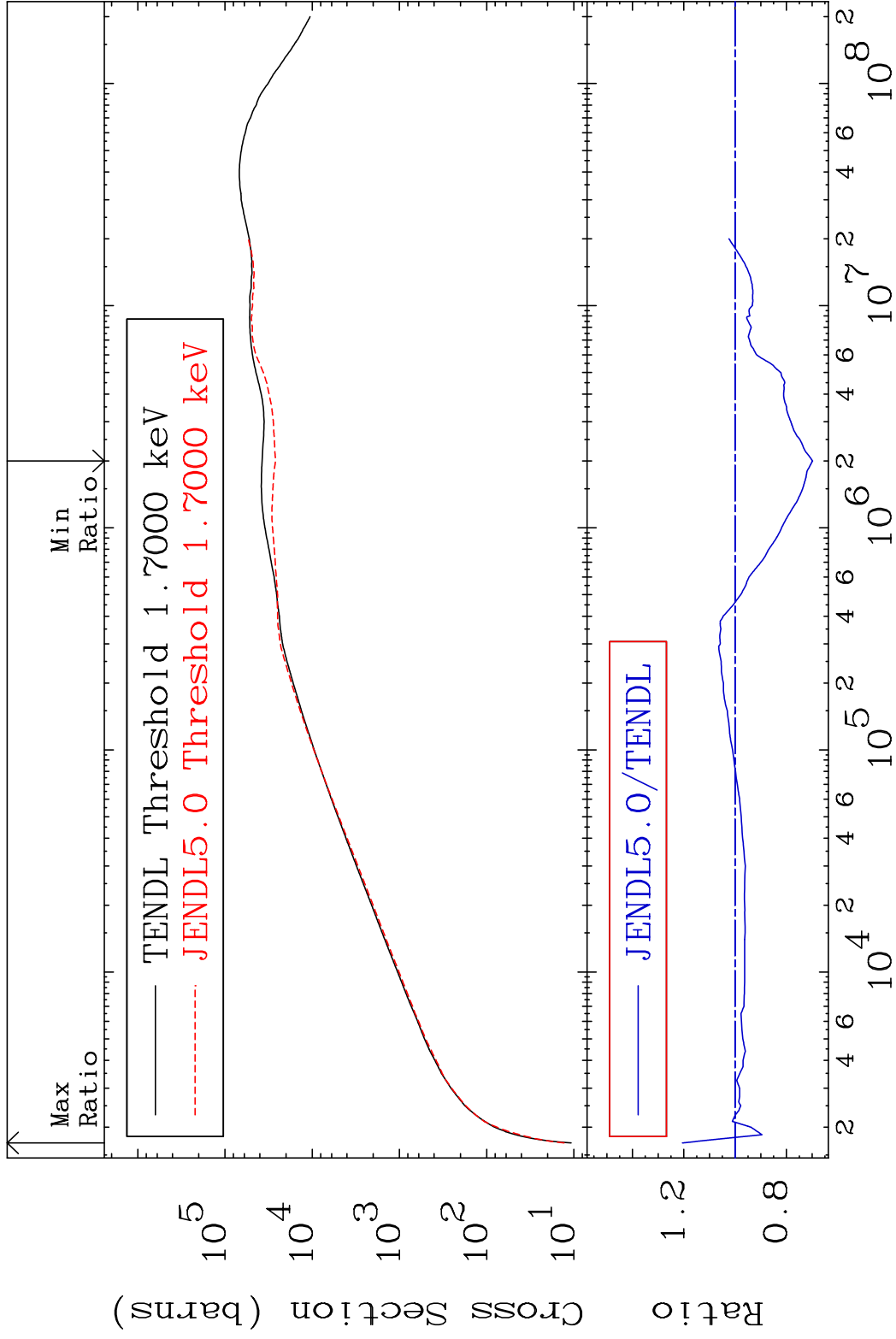
61 Incident Energy (eV) 47-Ag-111

MAT 4737

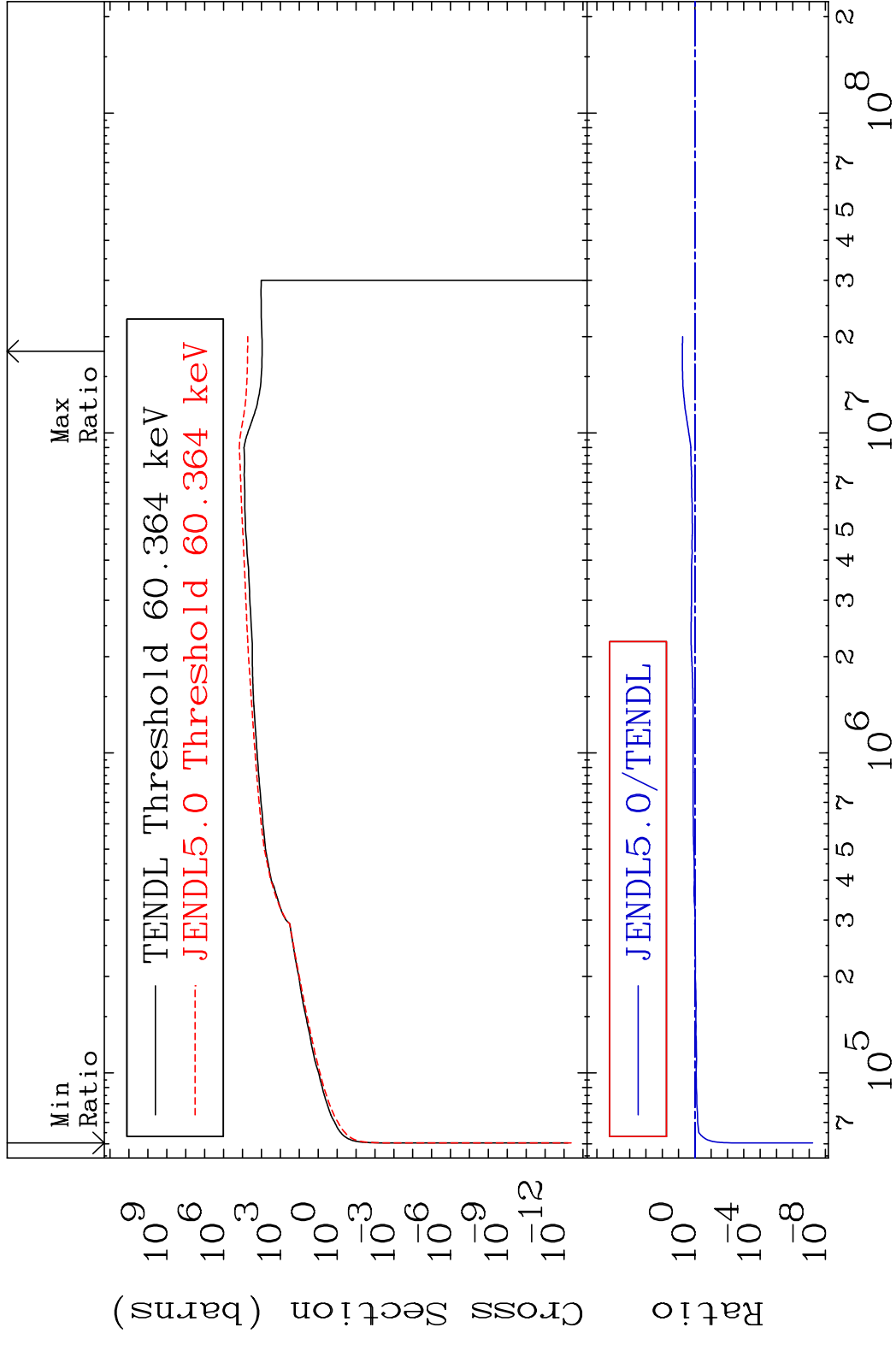
Dpa elastic (mt2)

47-Ag-111

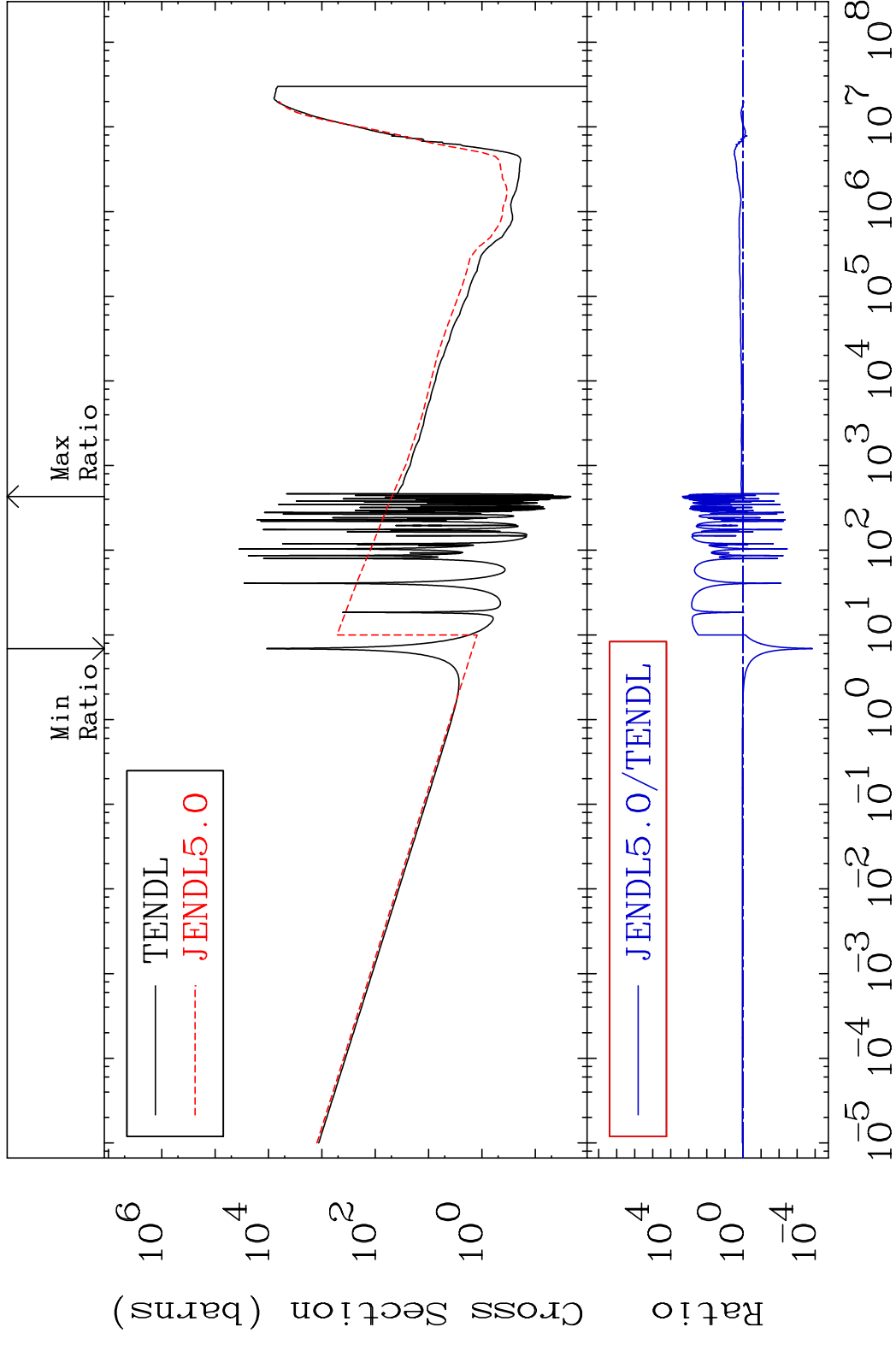
Cross Section -30.16 To 20.57 %



MAT 4737 Dpa inelastic (mt51-91) 47-Ag-111
 Cross Section -100.0 To 485.6 %



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

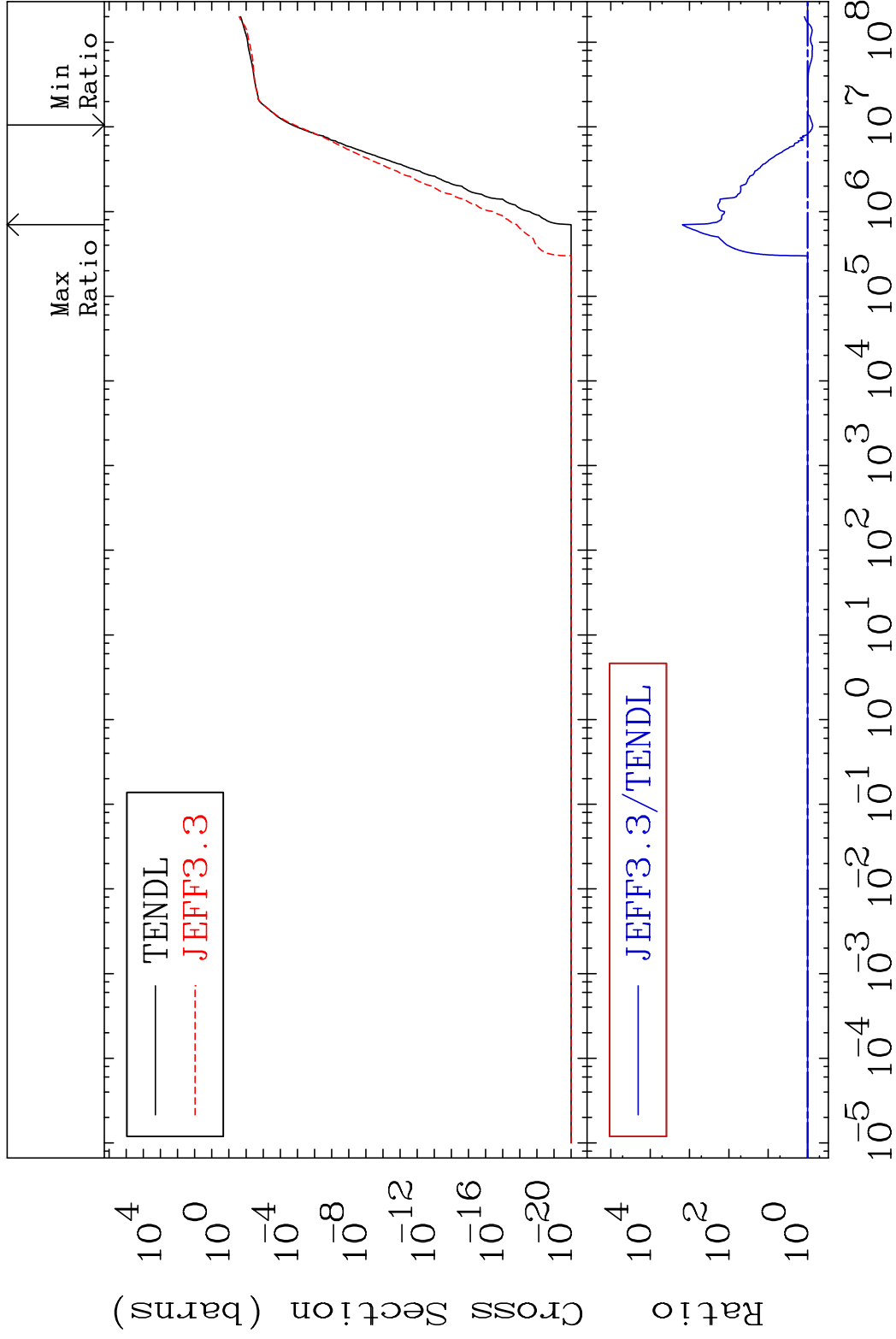


MAT 4737

He-4 Production

47-Ag-111

Cross Section -25.13 To 9999. %

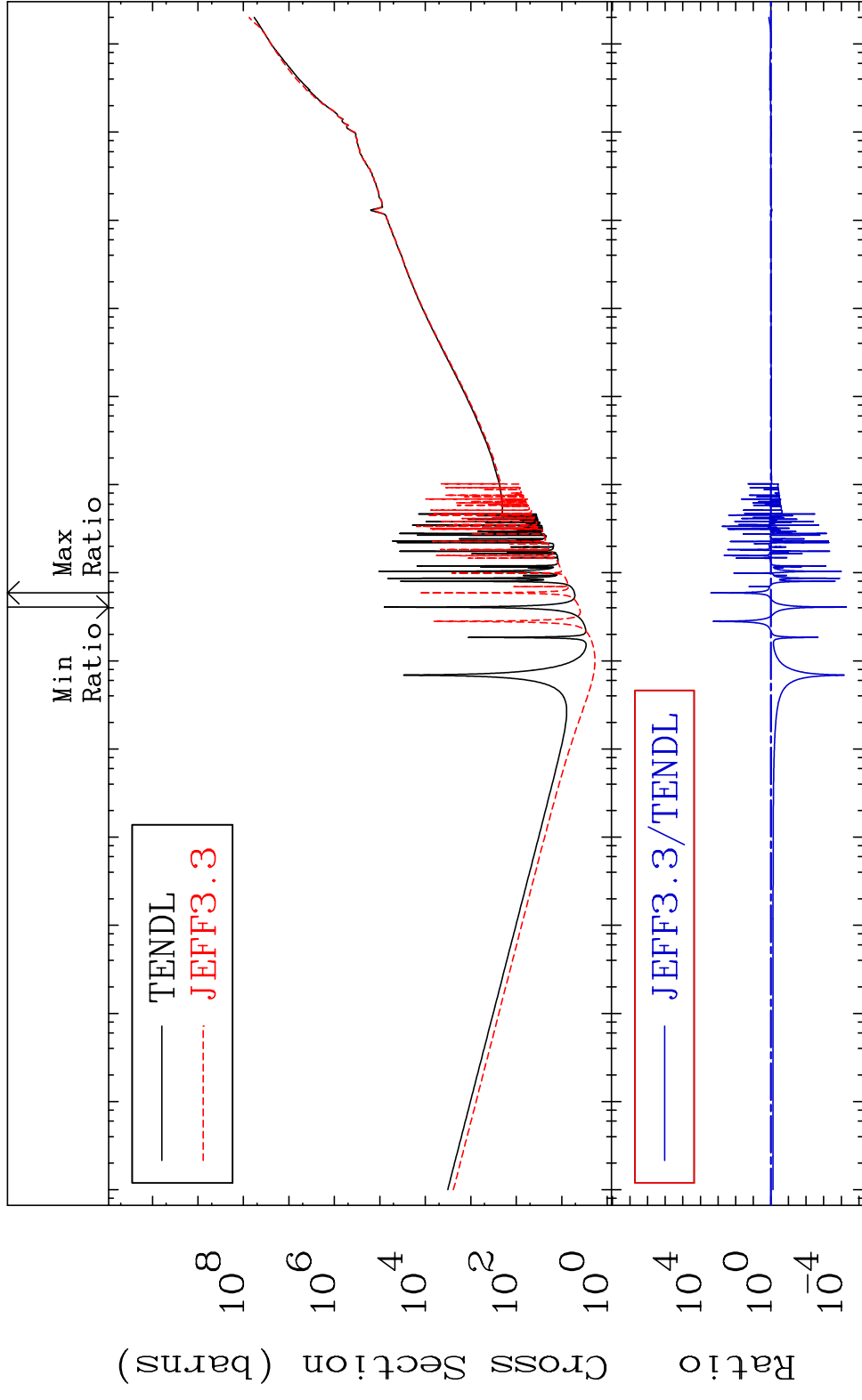


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Incident Energy (eV)

47-Ag-111

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

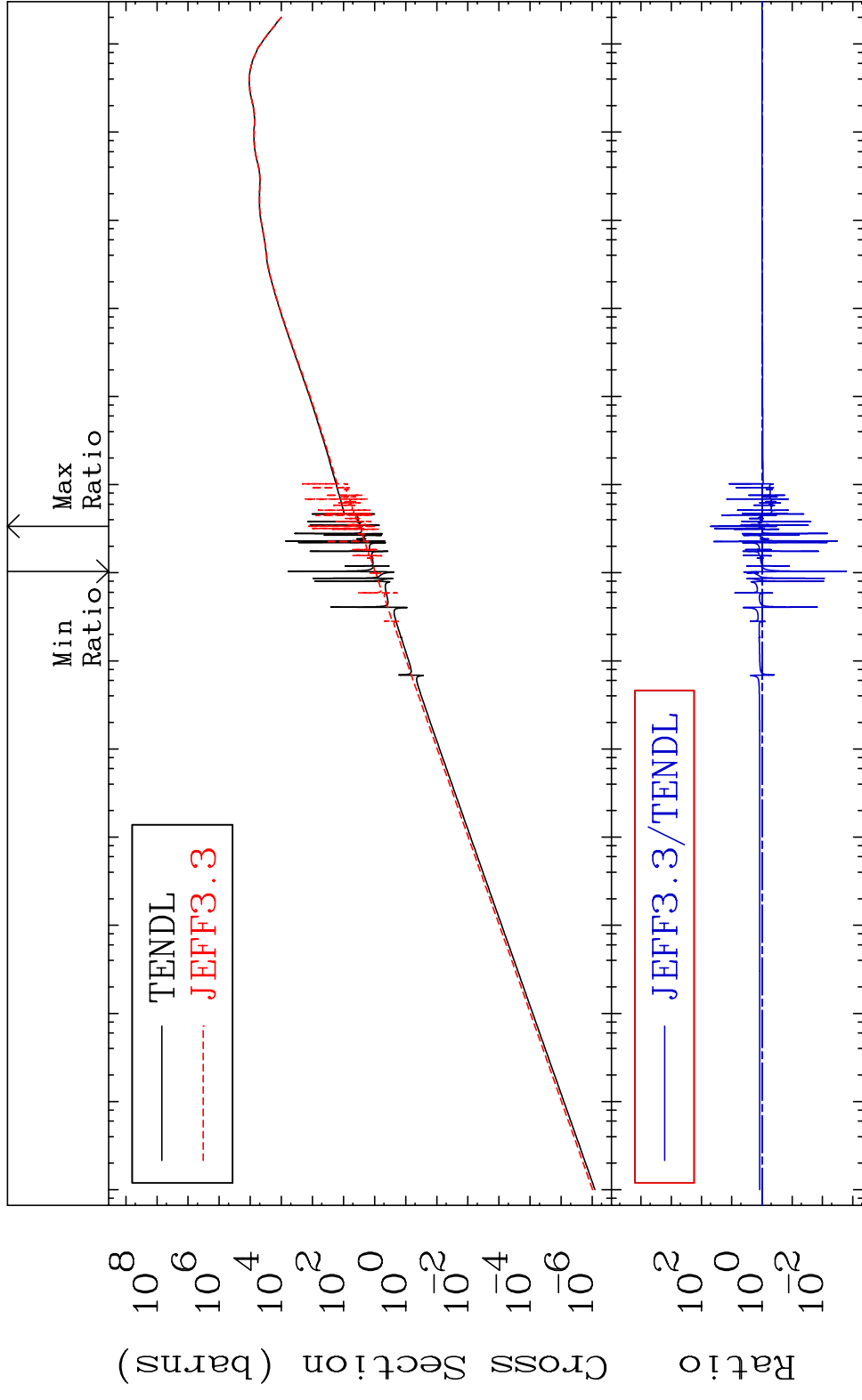


MAT 4737

Kerma elastic

47-Ag-111

Cross Section -99.84 To 4853. %

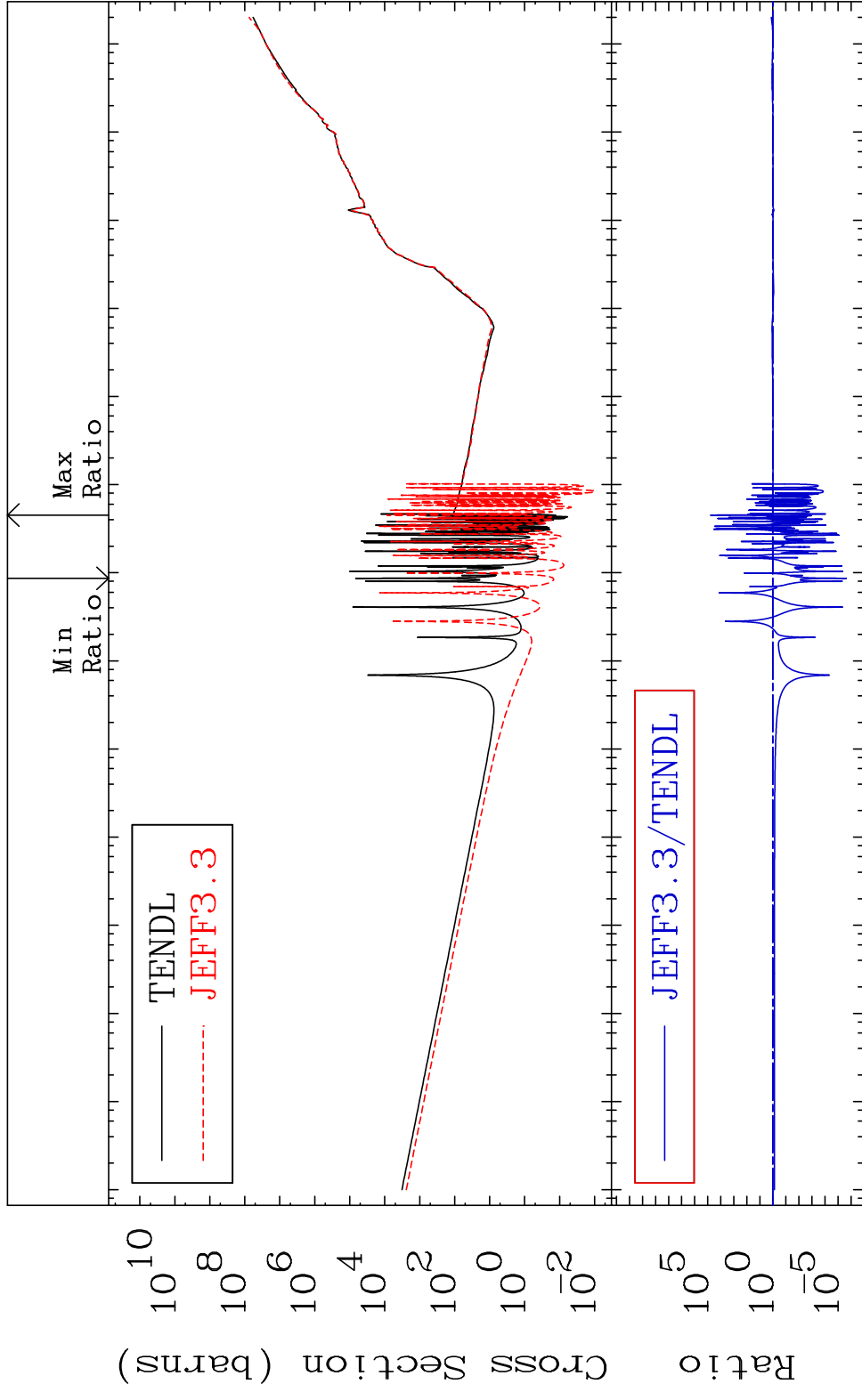


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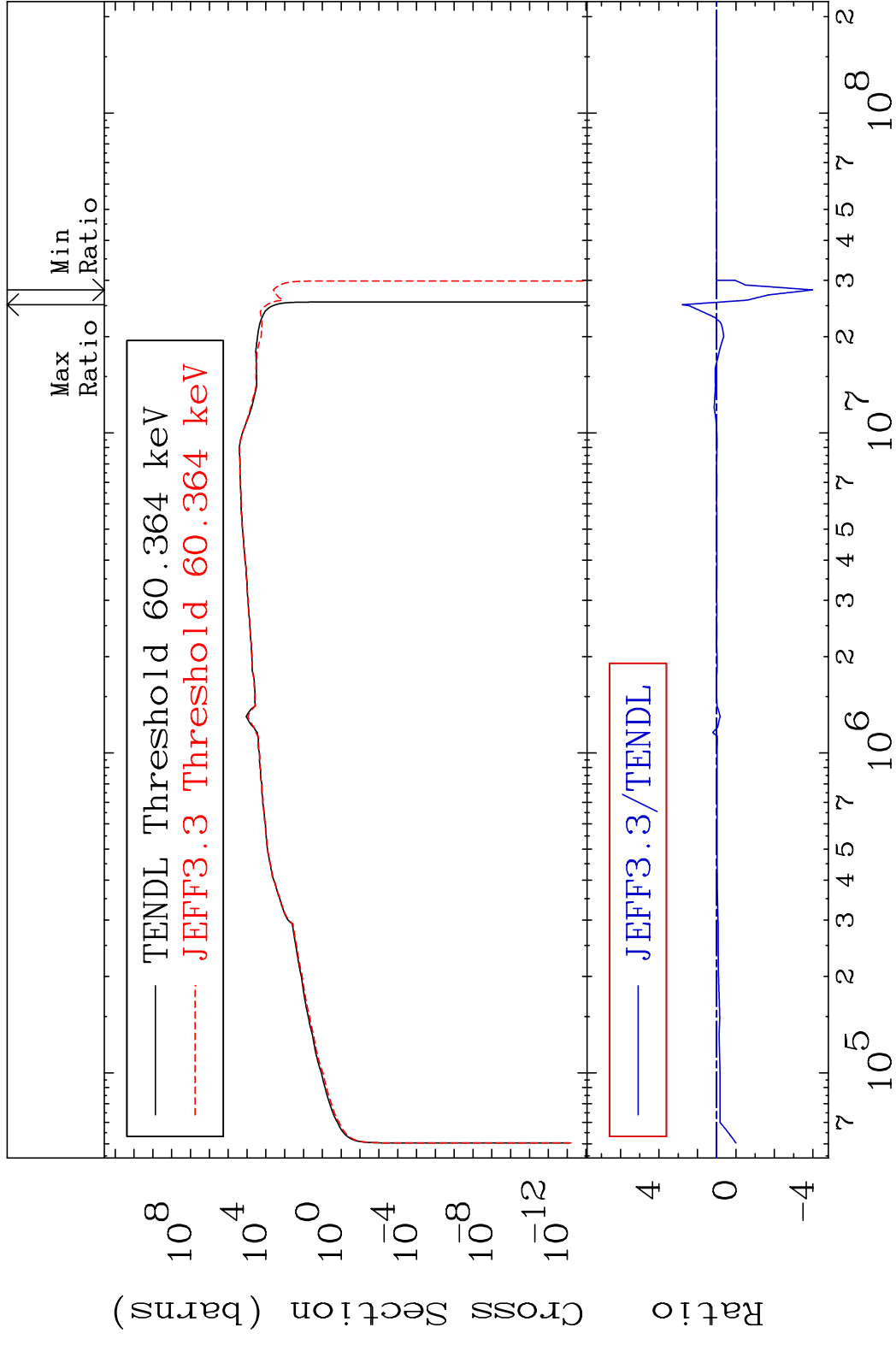
Incident Energy (eV)

47-Ag-111

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

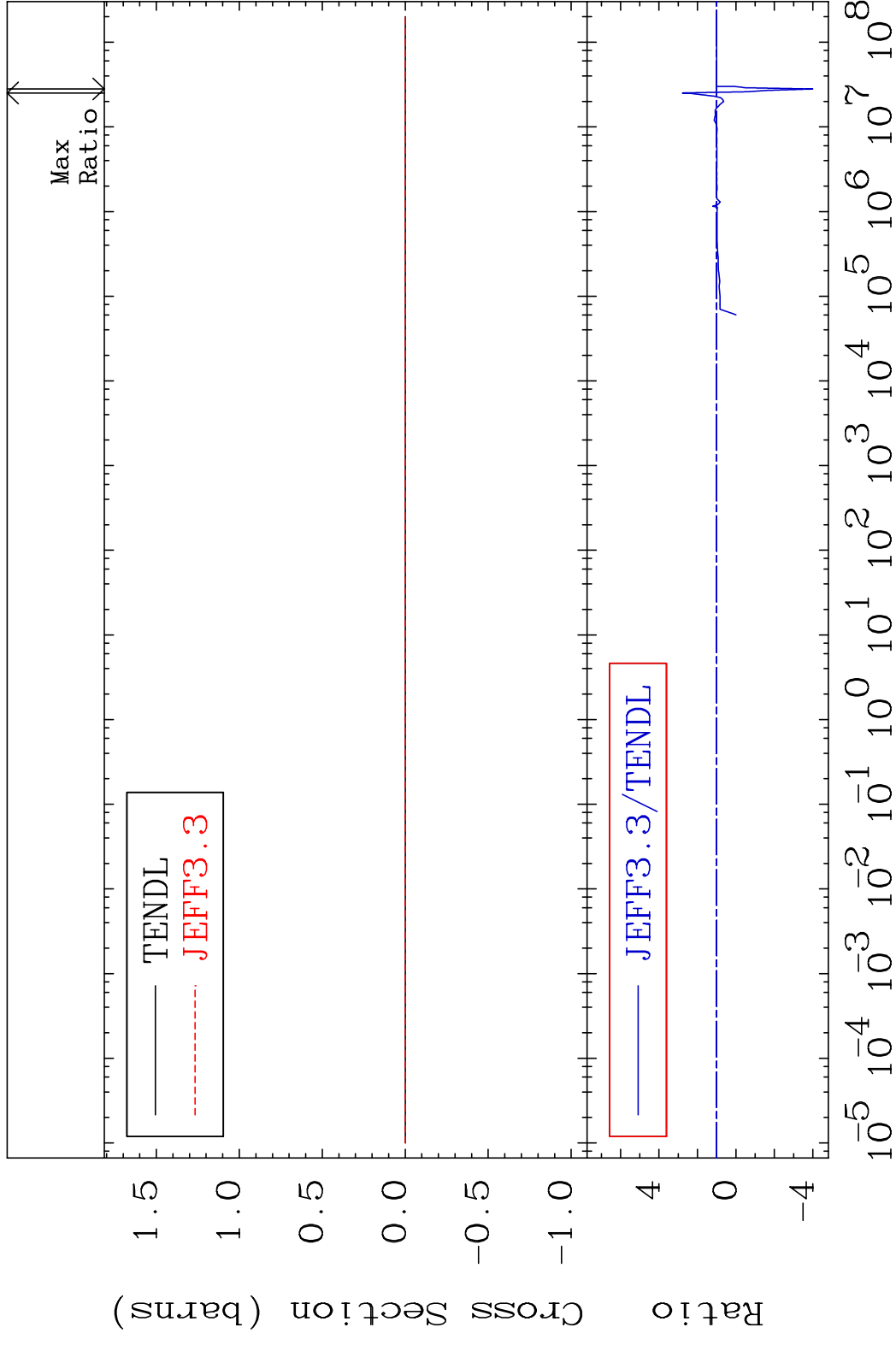


MAT 4737 Kerma inelastic (mt51-91) 47-Ag-111
 Cross Section -498.7 To 178.5 %



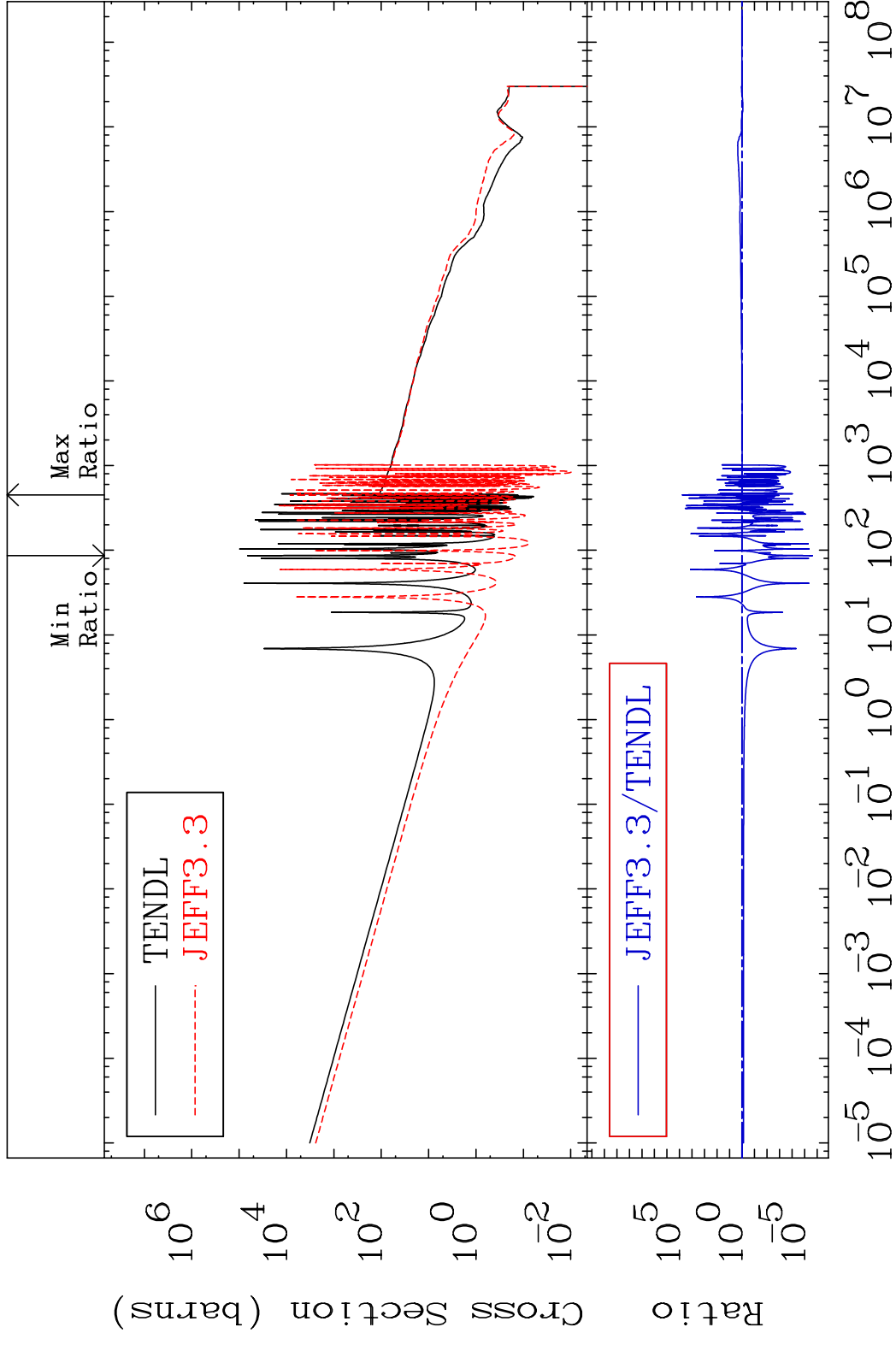
69 Incident Energy (eV) 47-Ag-111

MAT 4737 Kerma fission (mt18 or mt19-20-21-38) 47-Ag-111
 Cross Section -498.7 To 178.5 %

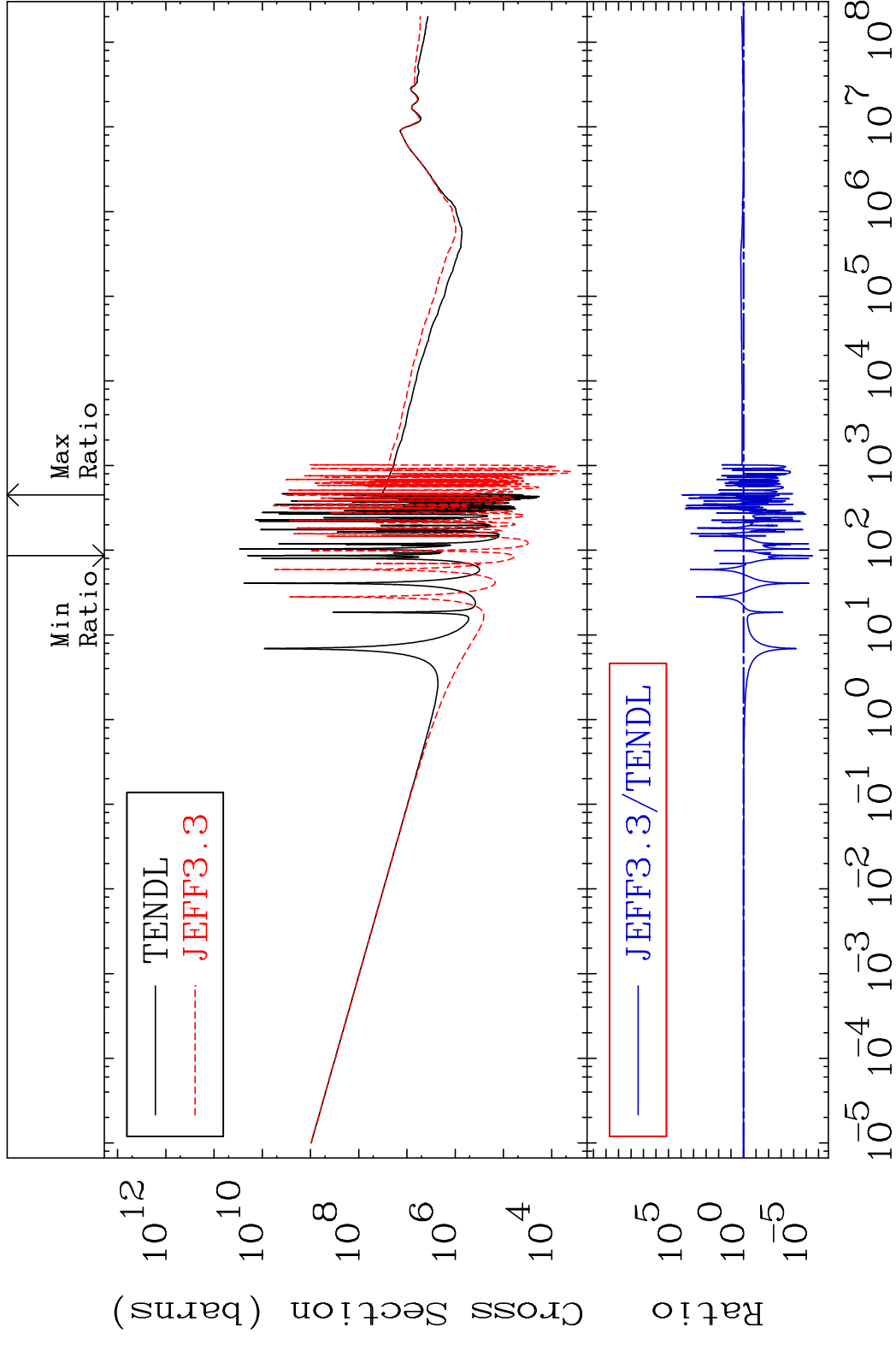


MAT 4737

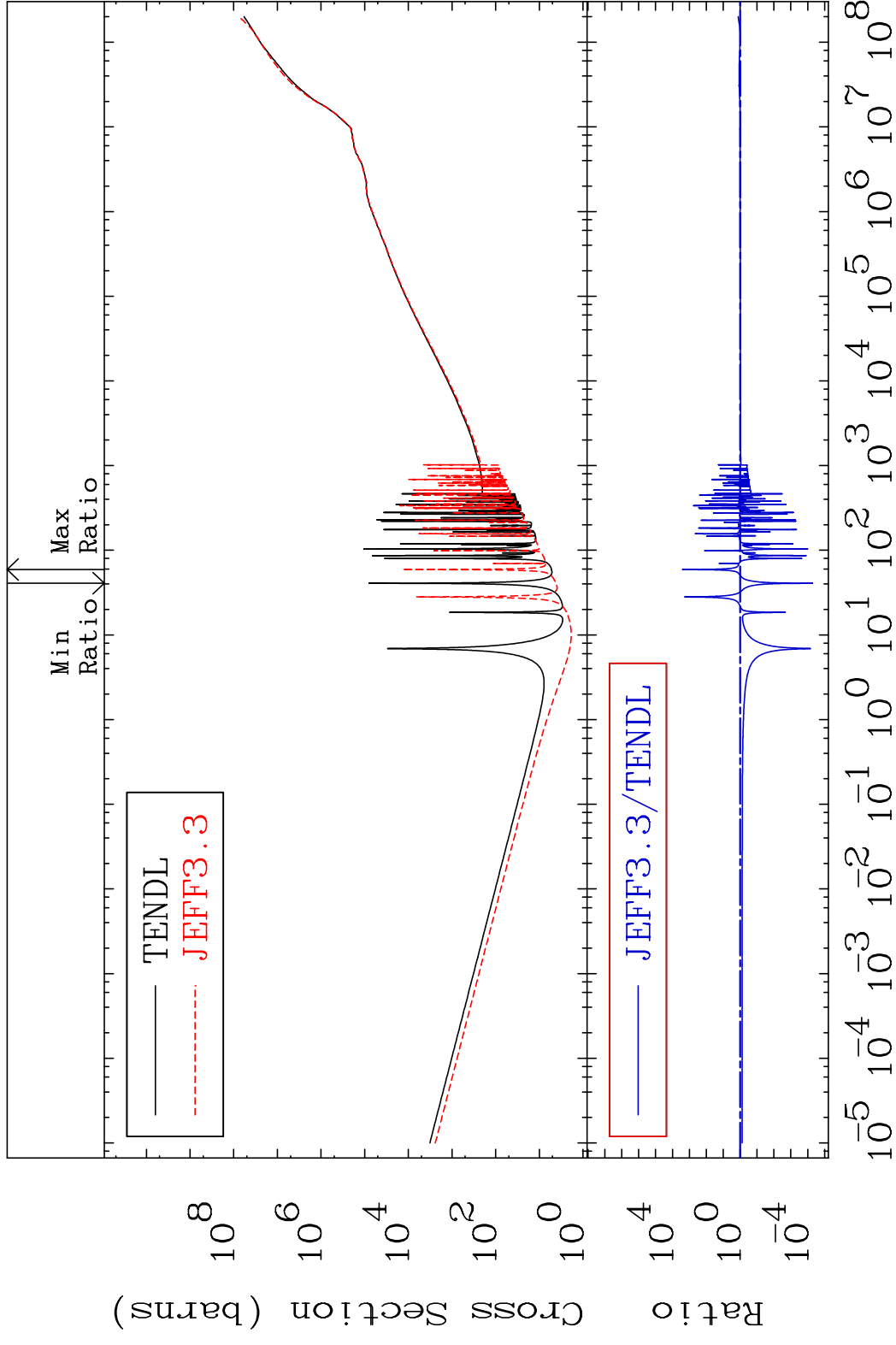
Kerma capture (mt102) 47-Ag-111
Cross Section -100.0 To 9999. %



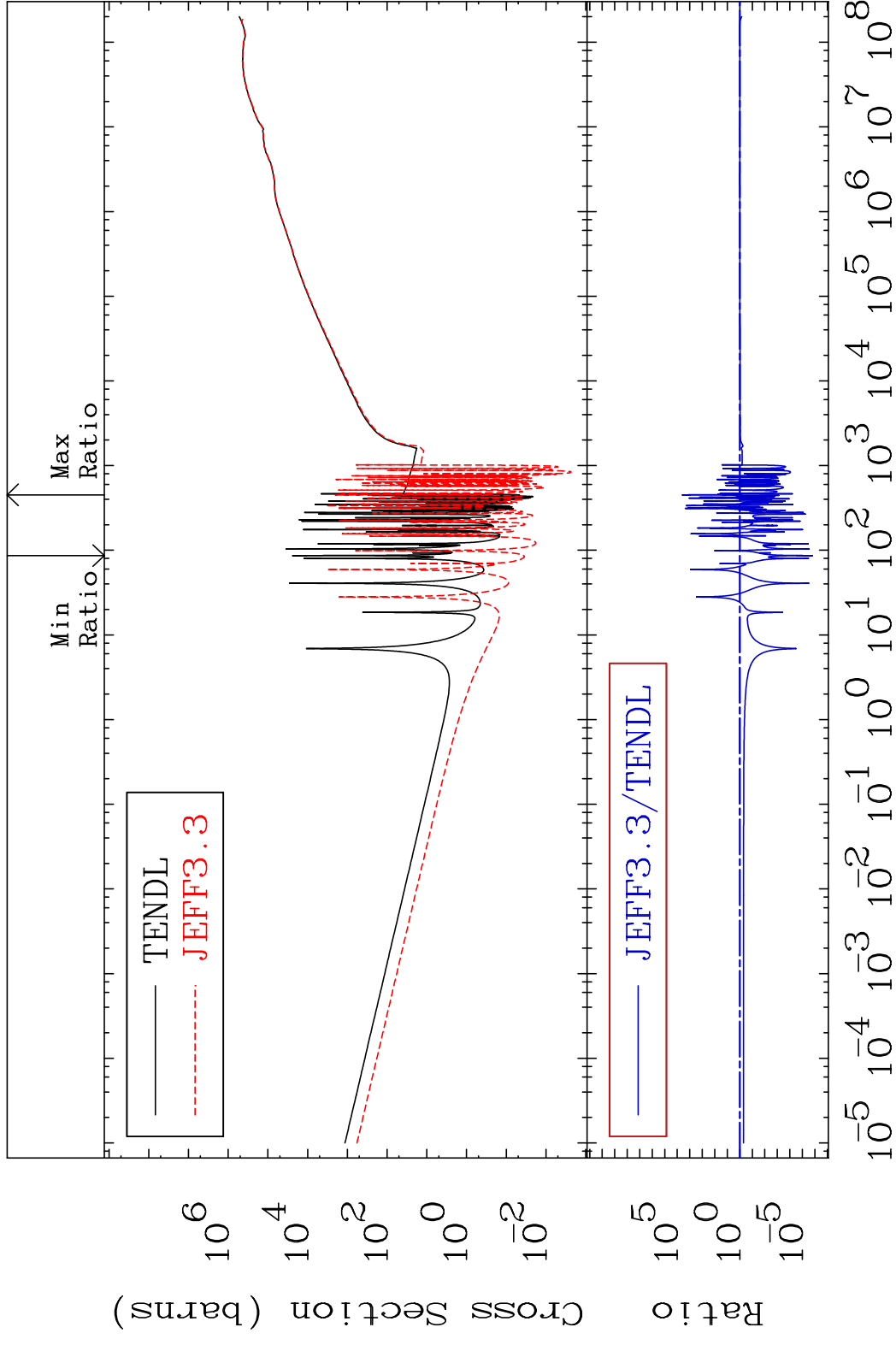
MAT 4737 Total photon (eV-barns) 47-Ag-111
 Cross Section -100.0 To 9999. %



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 -100.0 To 9999. %

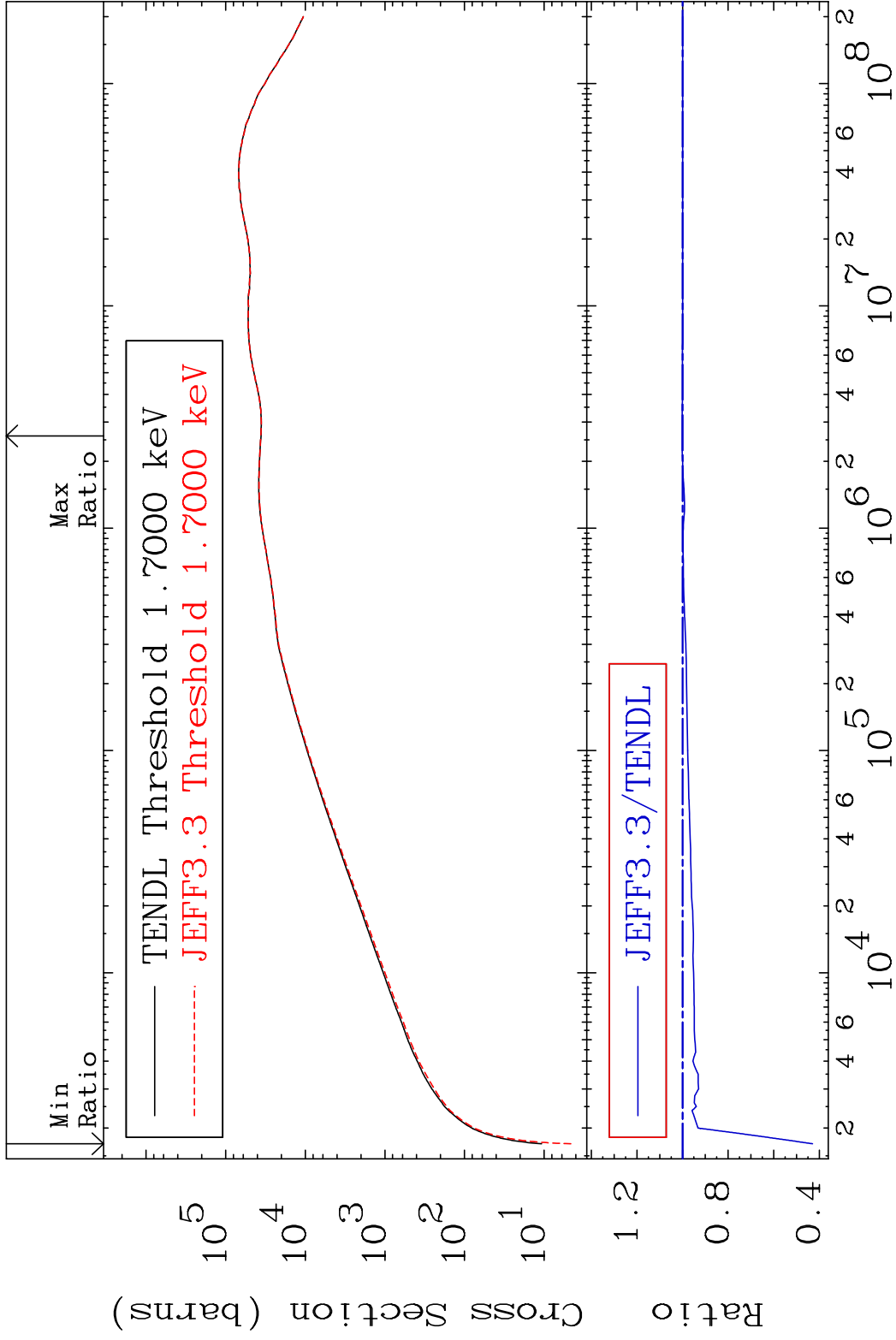


MAT 4737

Dpa elastic (mt2)

47-Ag-111

Cross Section -56.99 To 0.170 %

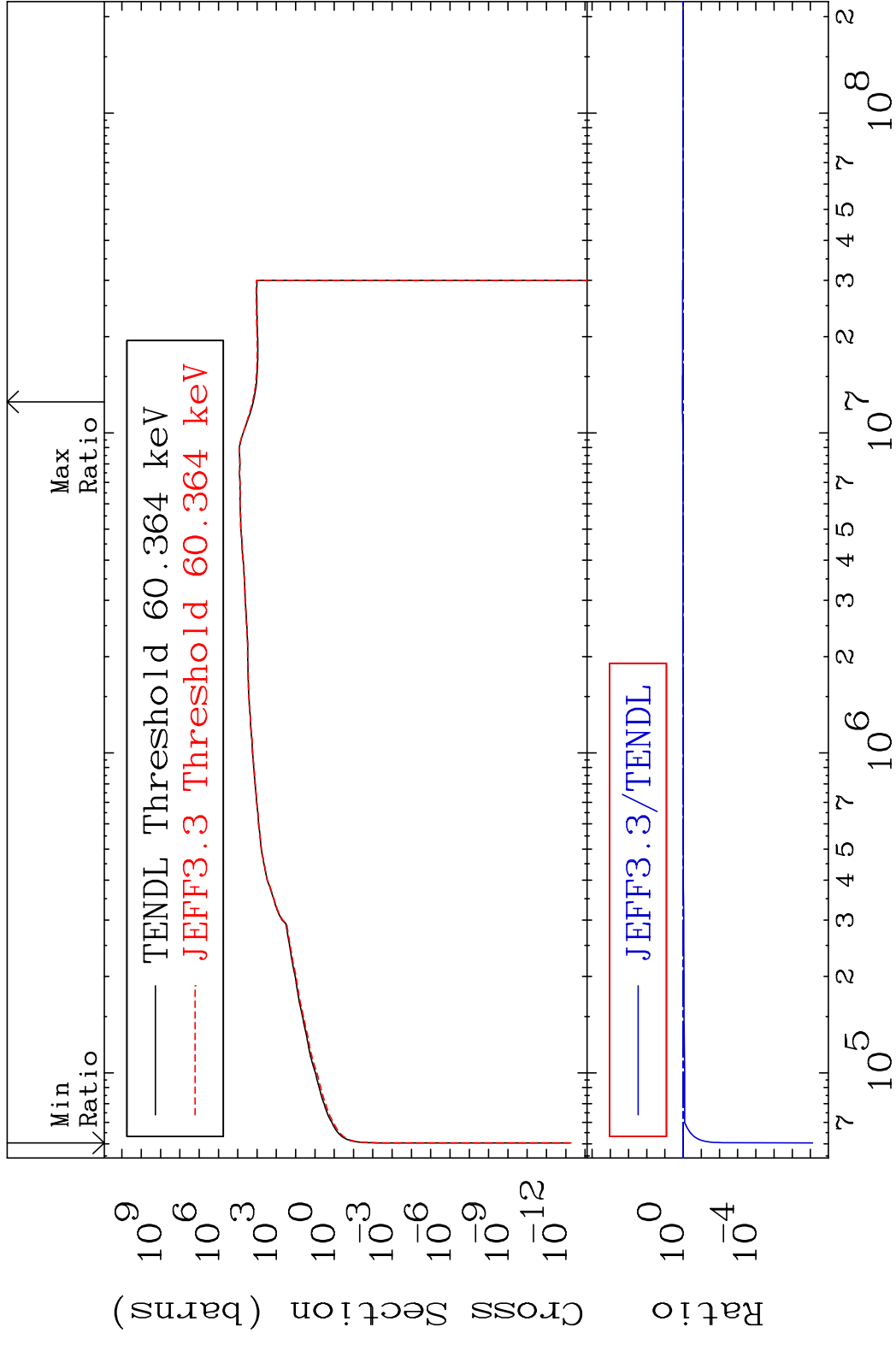


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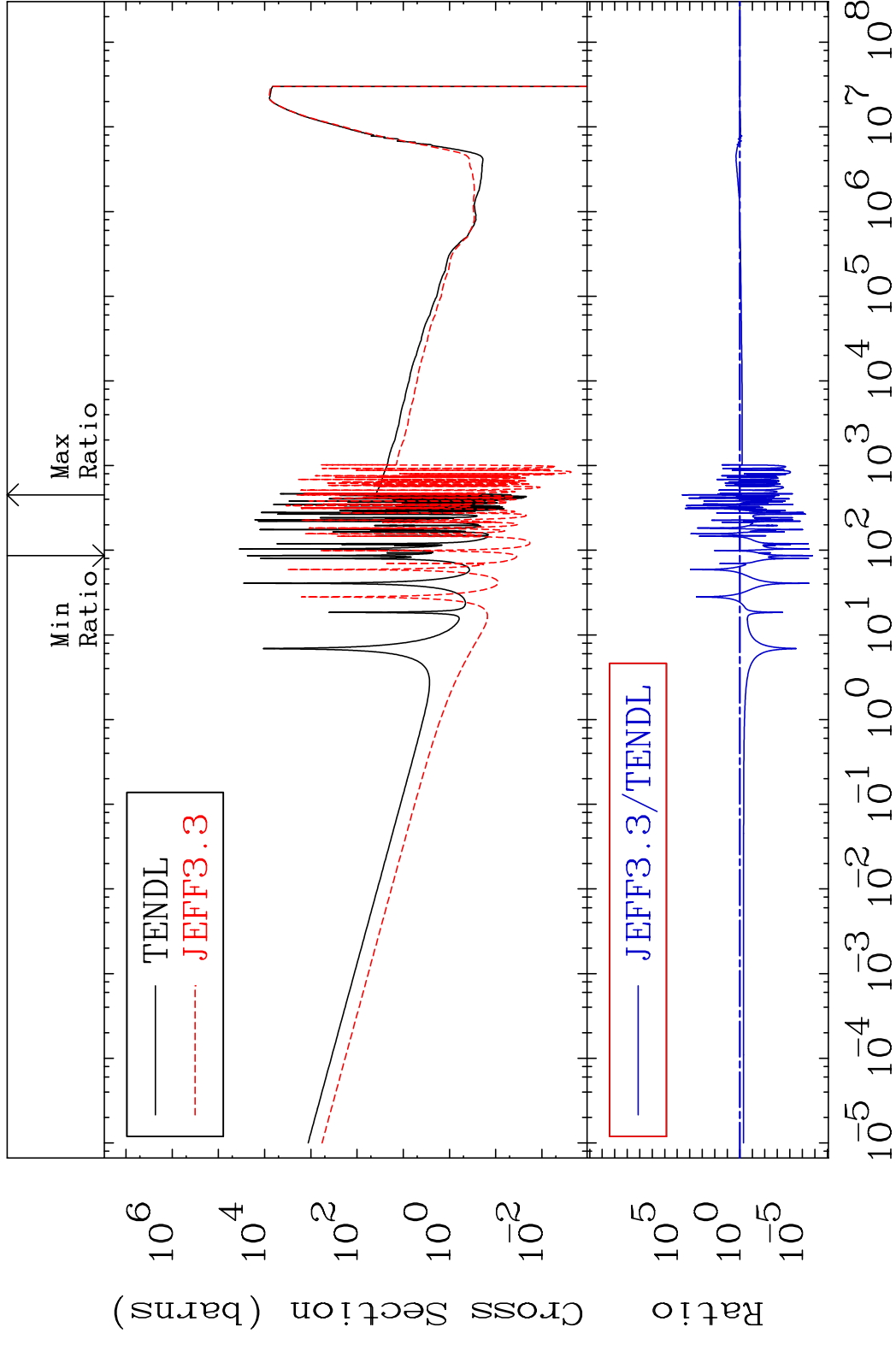
Incident Energy (eV)

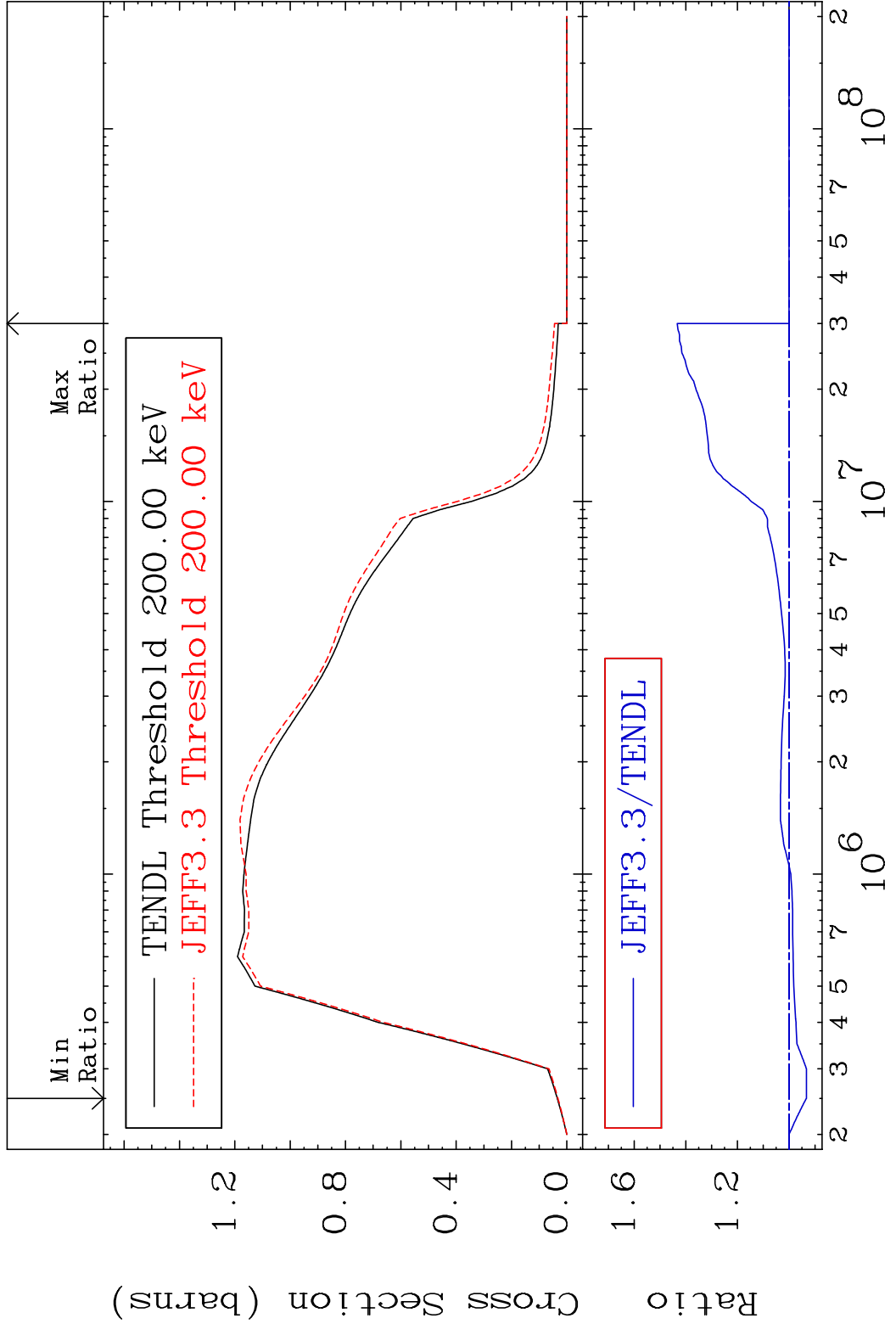
47-Ag-111

MAT 4737 Dpa inelastic (mt51-91) 47-Ag-111
 Cross Section -100.0 To 9.944 %

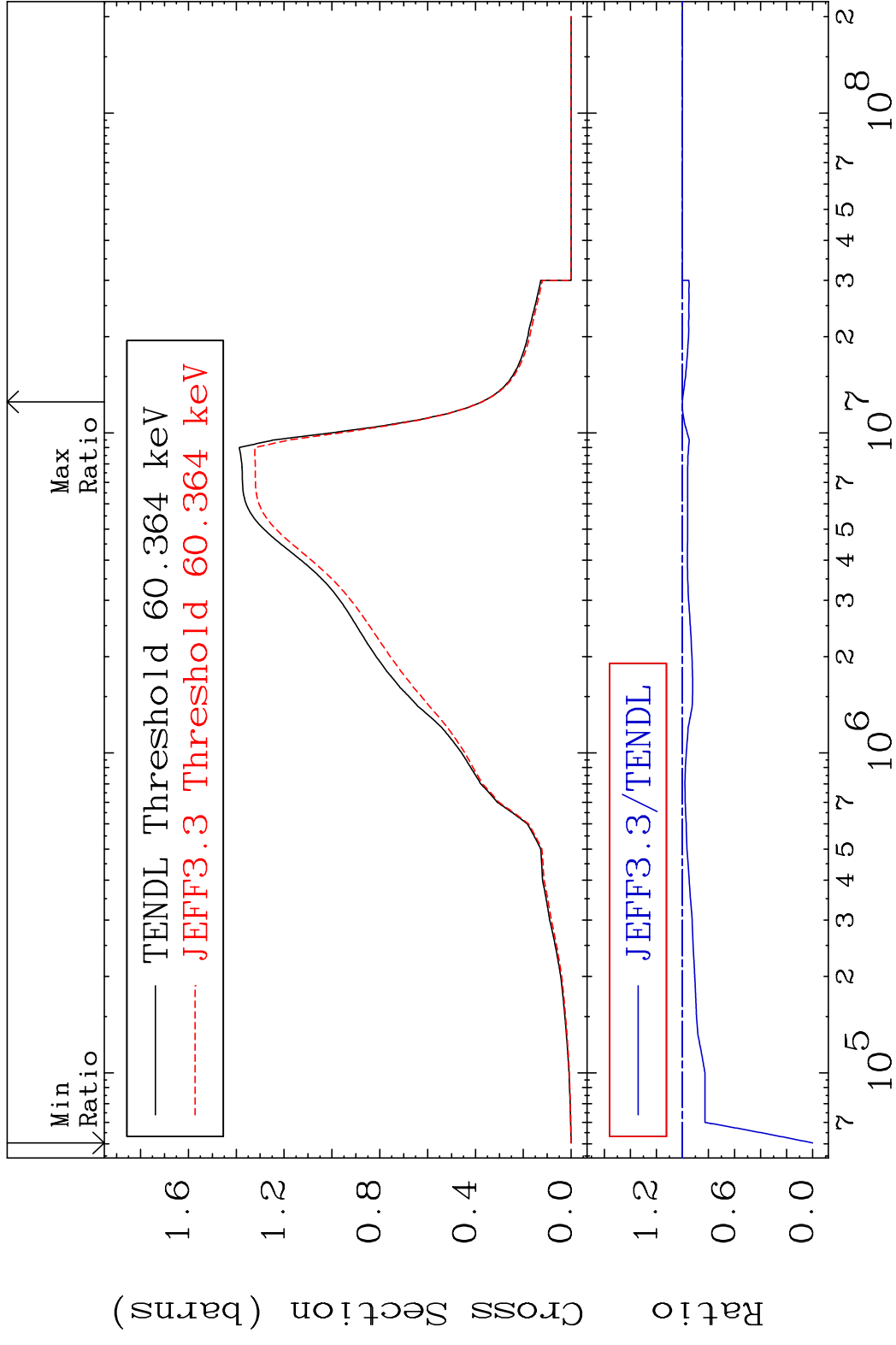


MAT 4737 Dpa disappearance (mt102 -120) 47-Ag-111
 Cross Section -100.0 To 9999. %

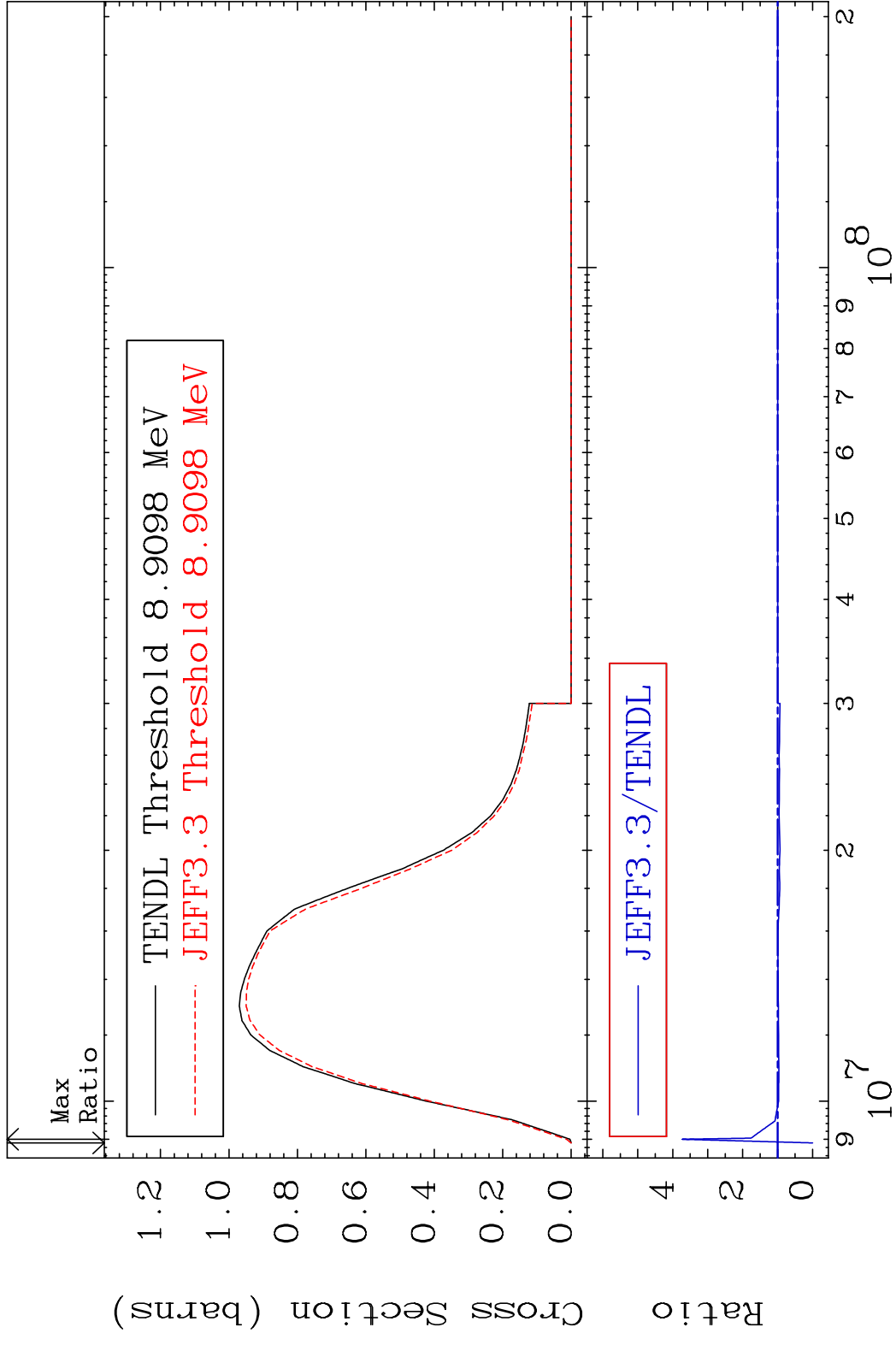




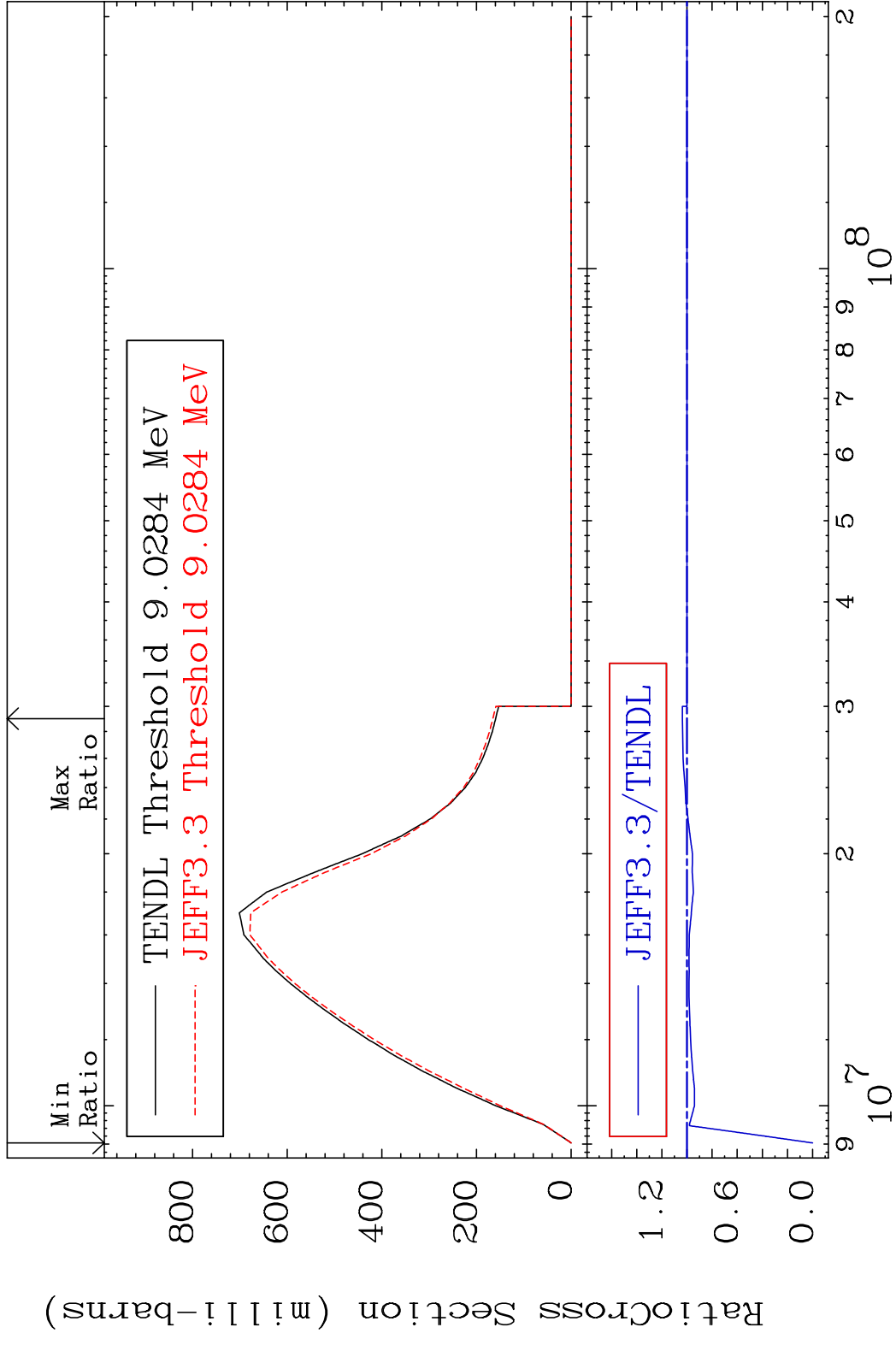
MAT 4737 Inelastic:47-Ag-111m1 47-Ag-111
 Radionuclide Production Cross Section 180.01 dno 0.093 %



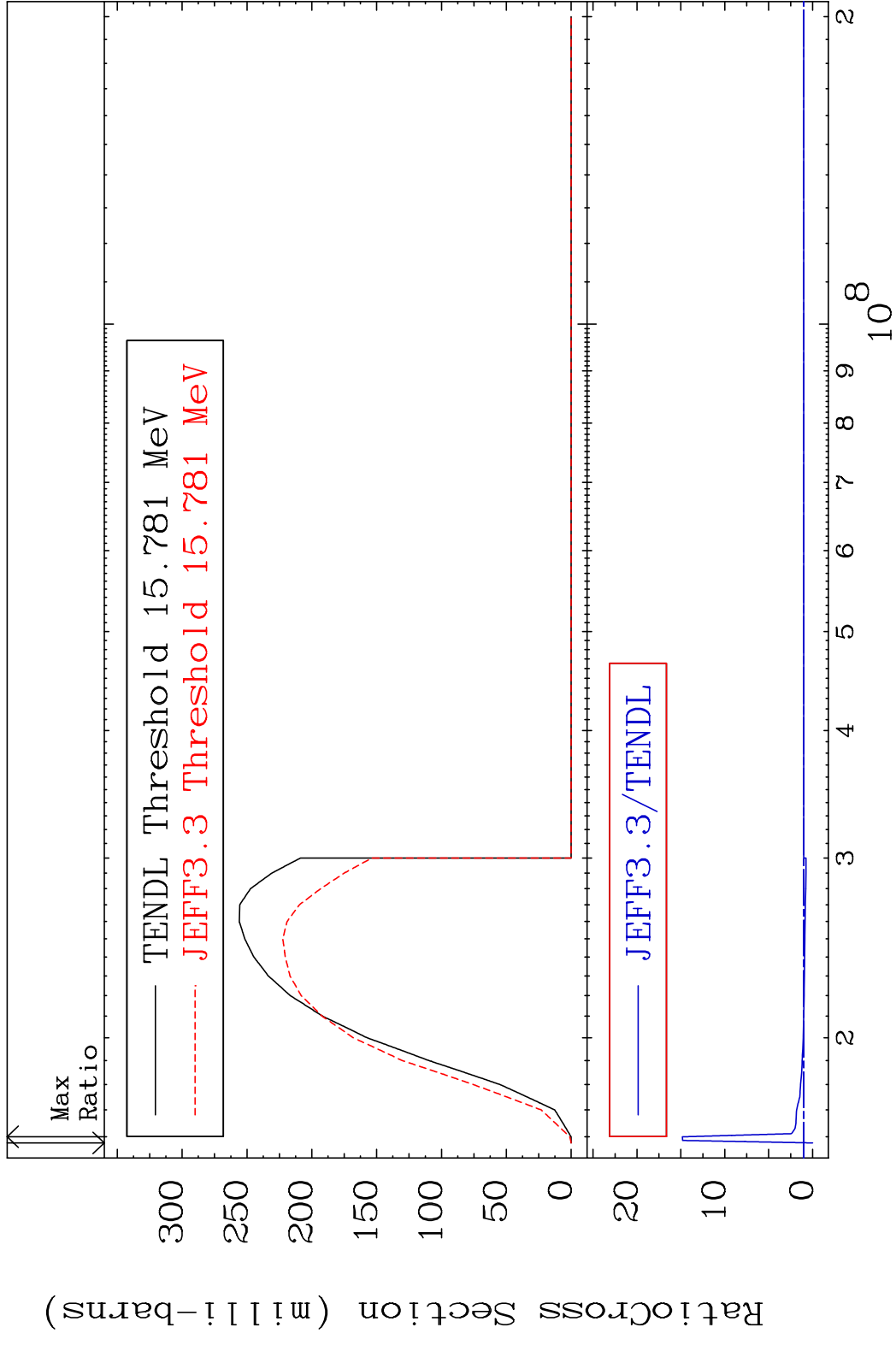
MAT 4737 (n,2n):47-Ag-110g 47-Ag-111
 Radionuclide Production Cross Section 180.01 dth 272.5 %

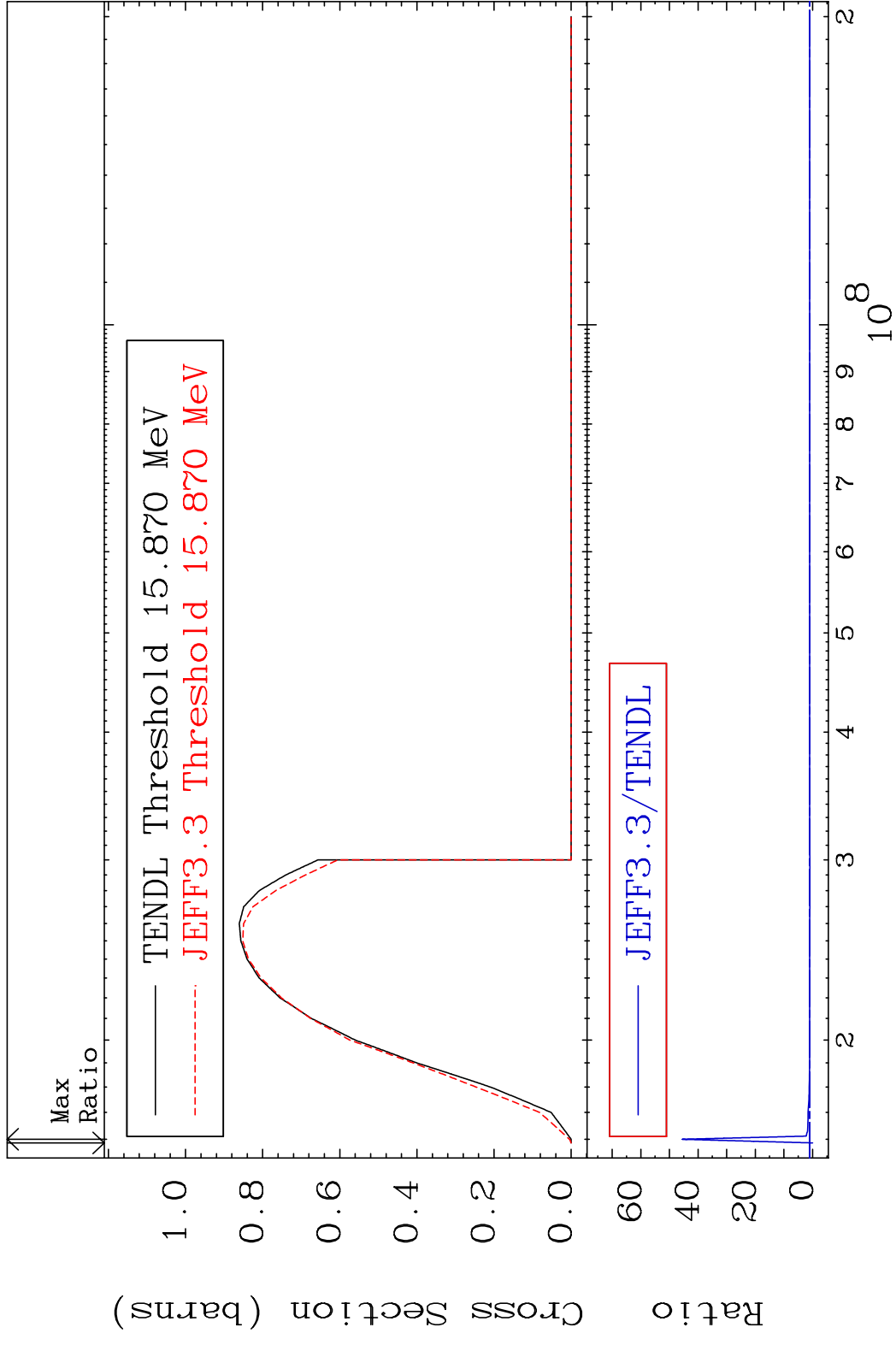


MAT 4737 (n, 2n) : 47-Ag-110m2 47-Ag-111
 Radionuclide Production Cross Section Ratio 3.713 %

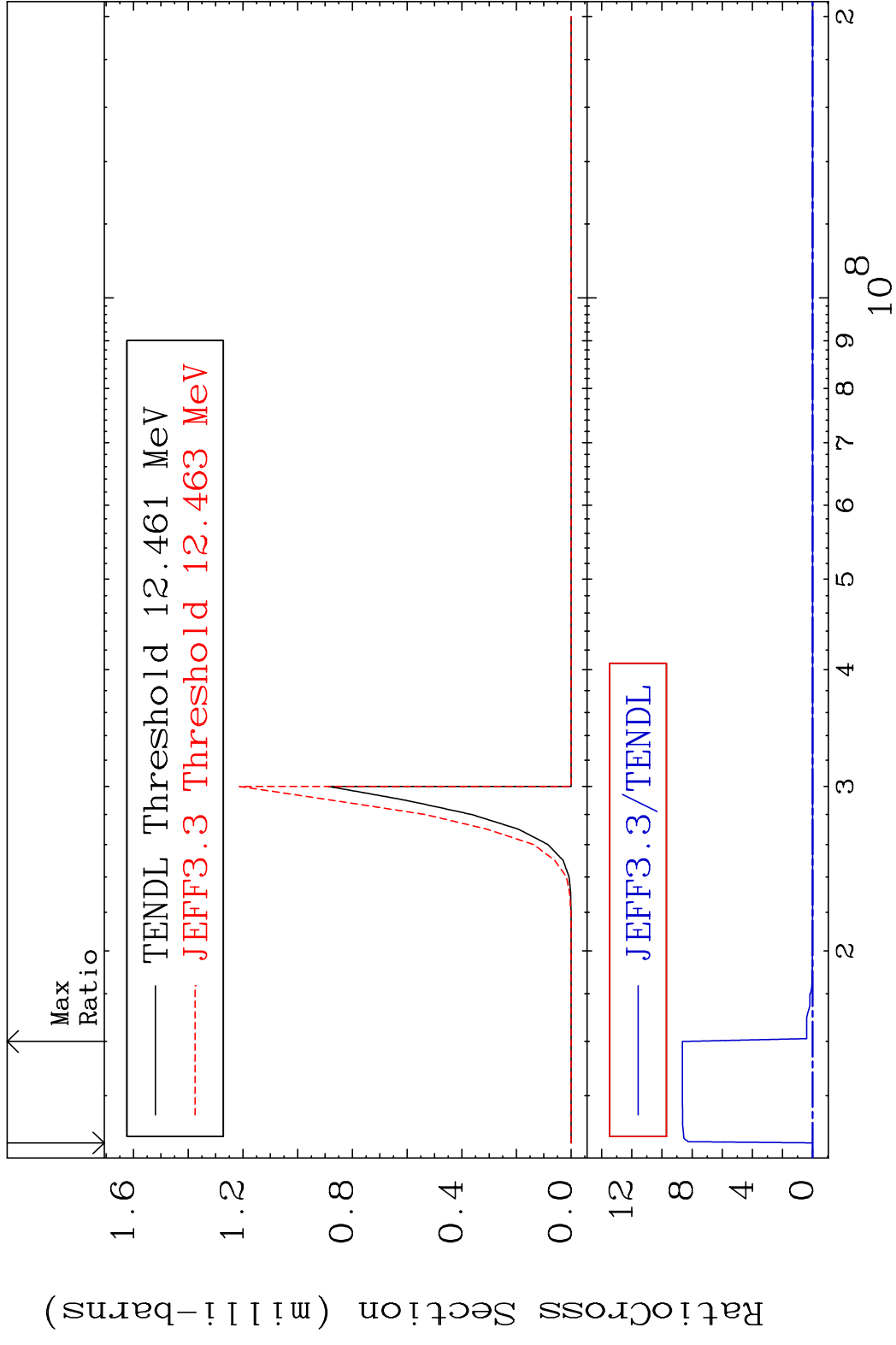


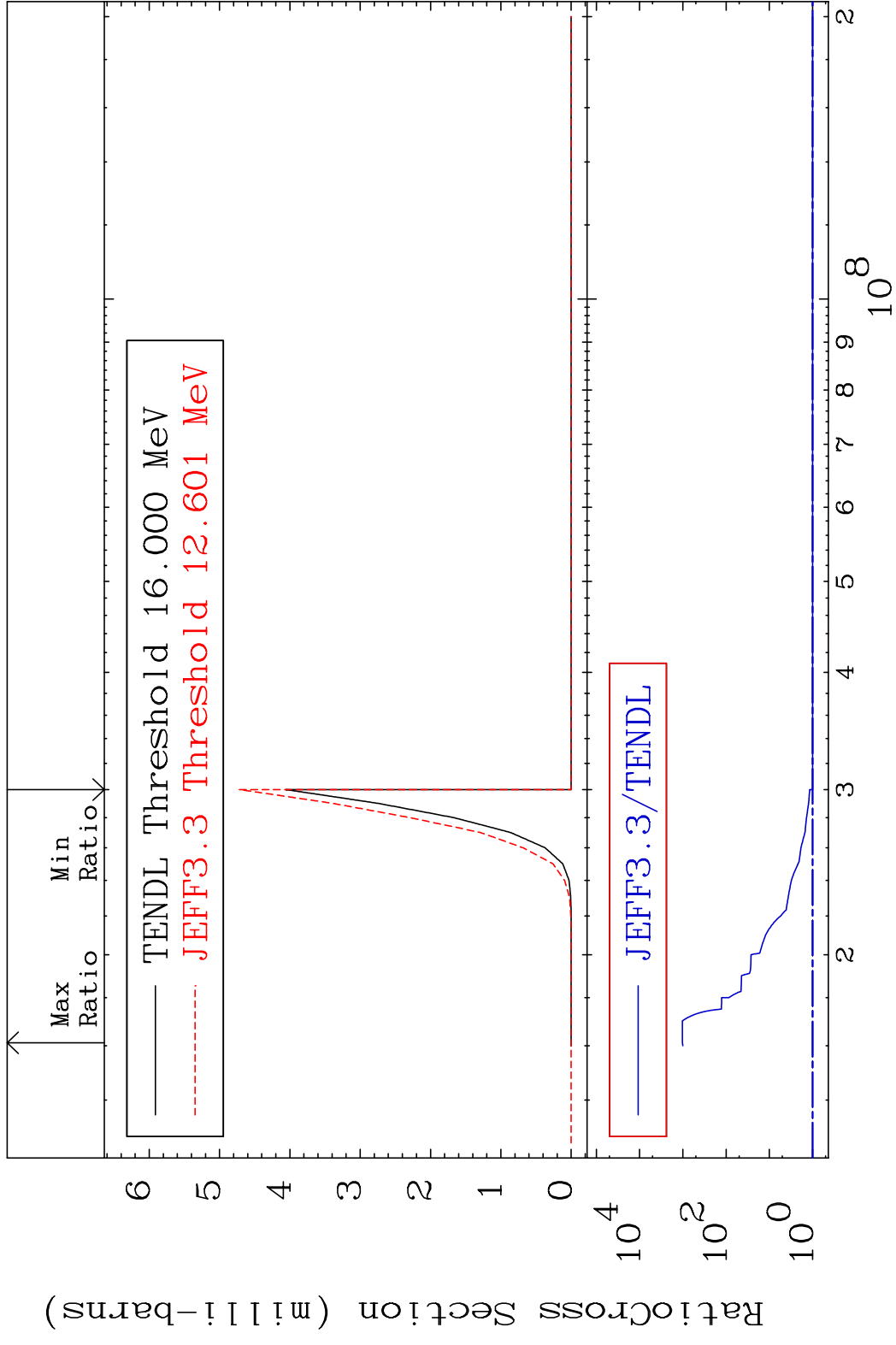
MAT 4737 (n,3n):47-Ag-109g 47-Ag-111
 Radionuclide Production Cross Section 1383.1 %

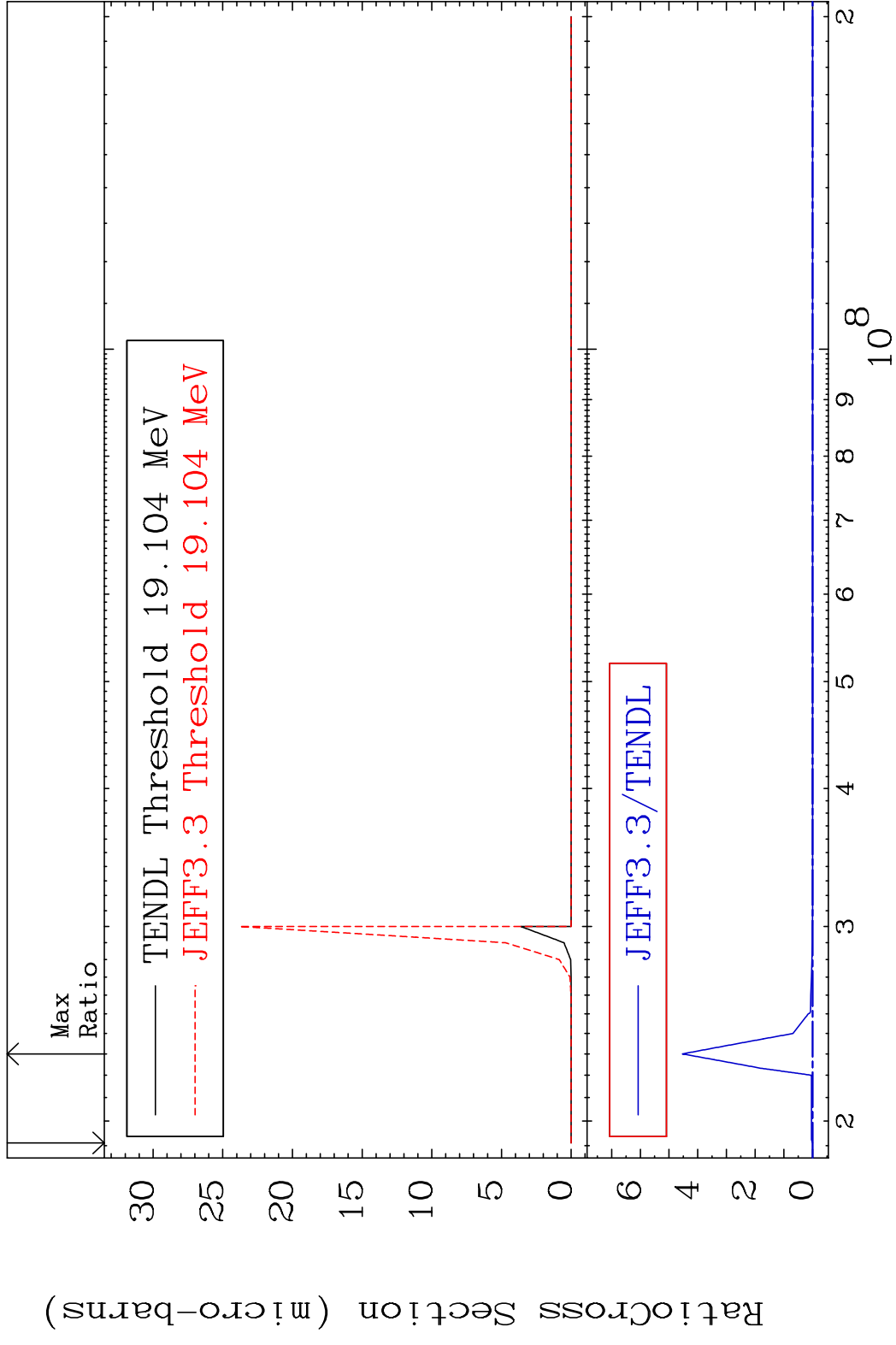


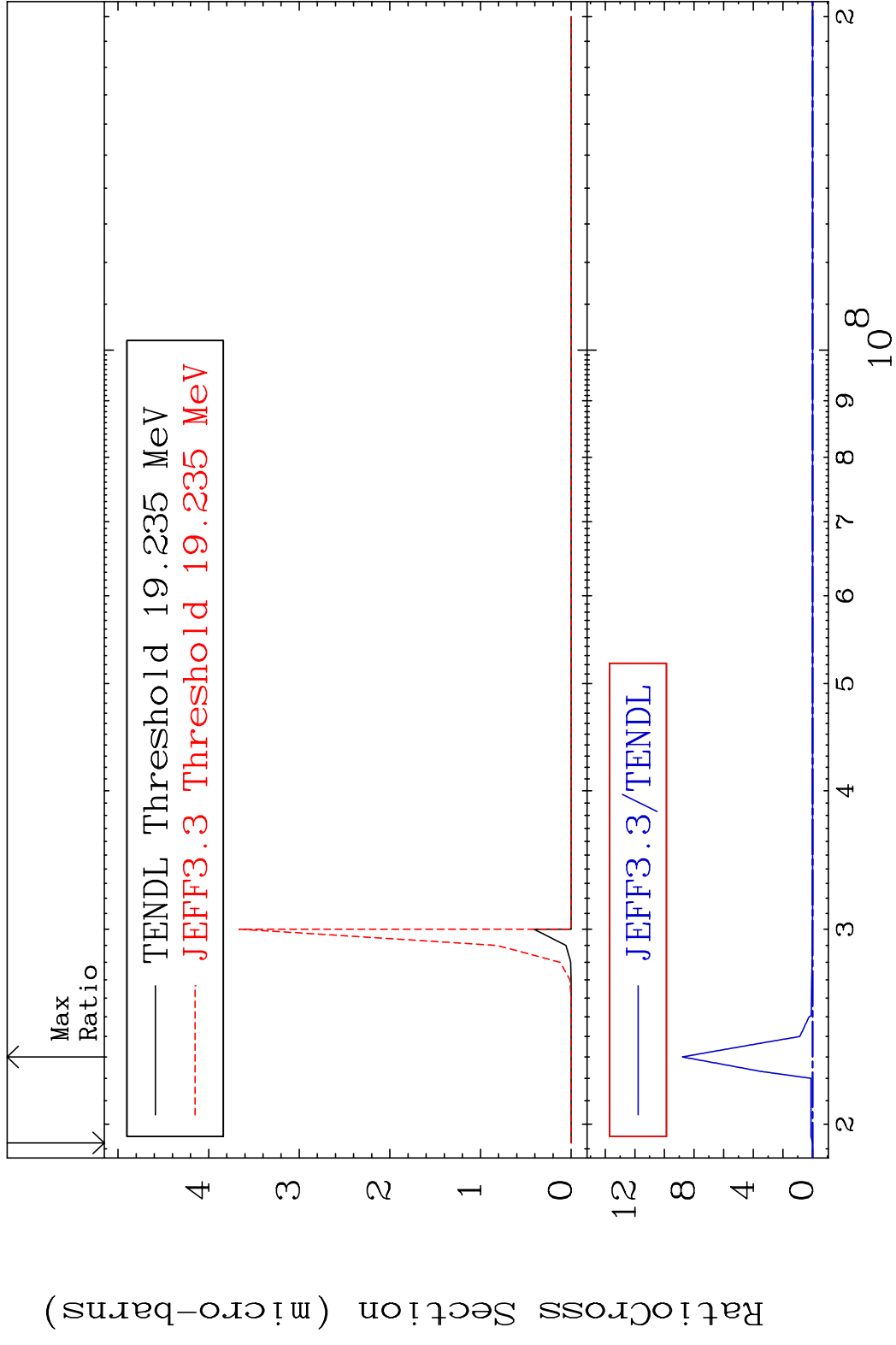


MAT 4737 (n,2n) α :45-Rh-106g 47-Ag-111
 Radionuclide Production Cross Section 1000 dth 9999. %

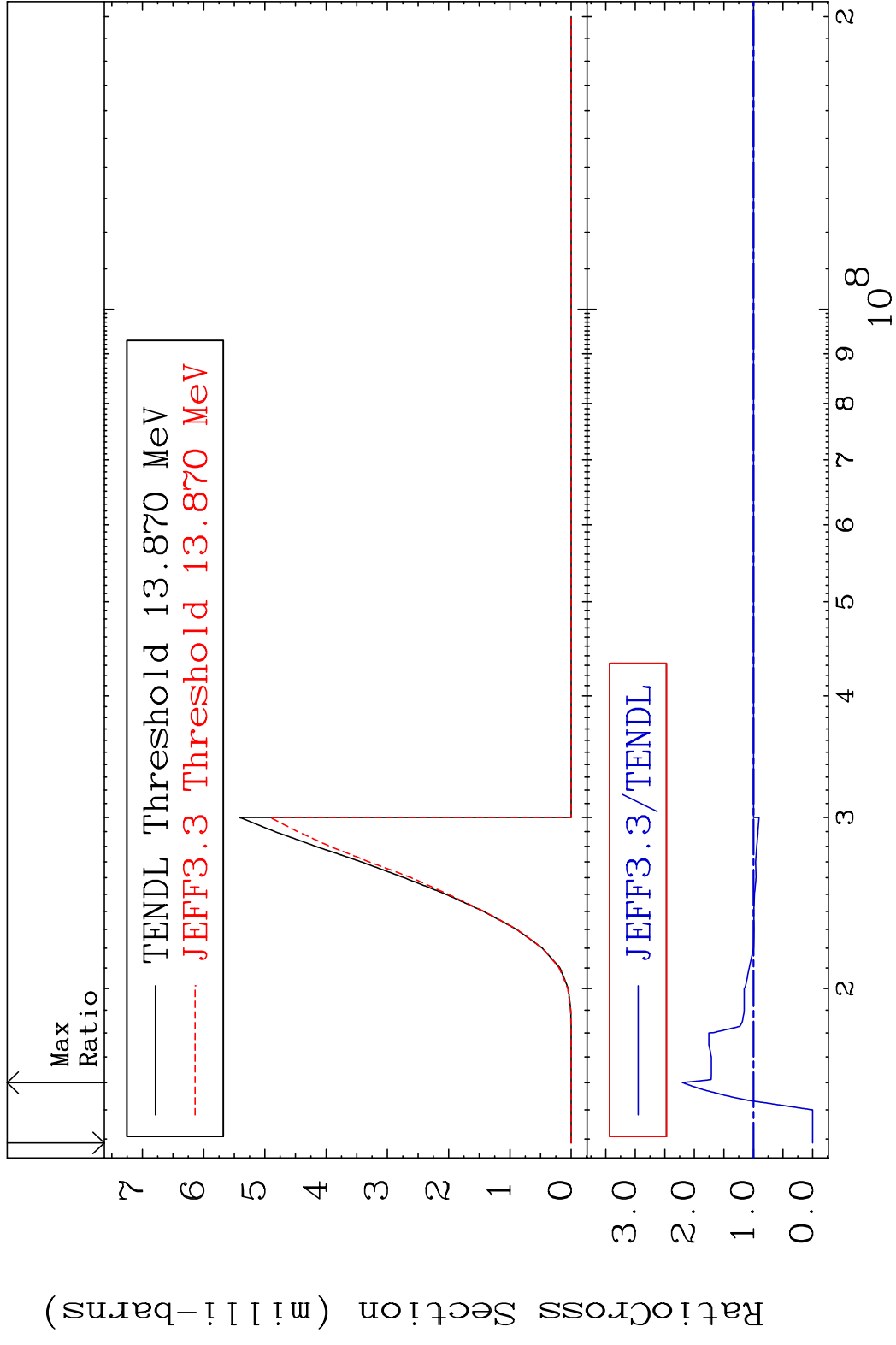


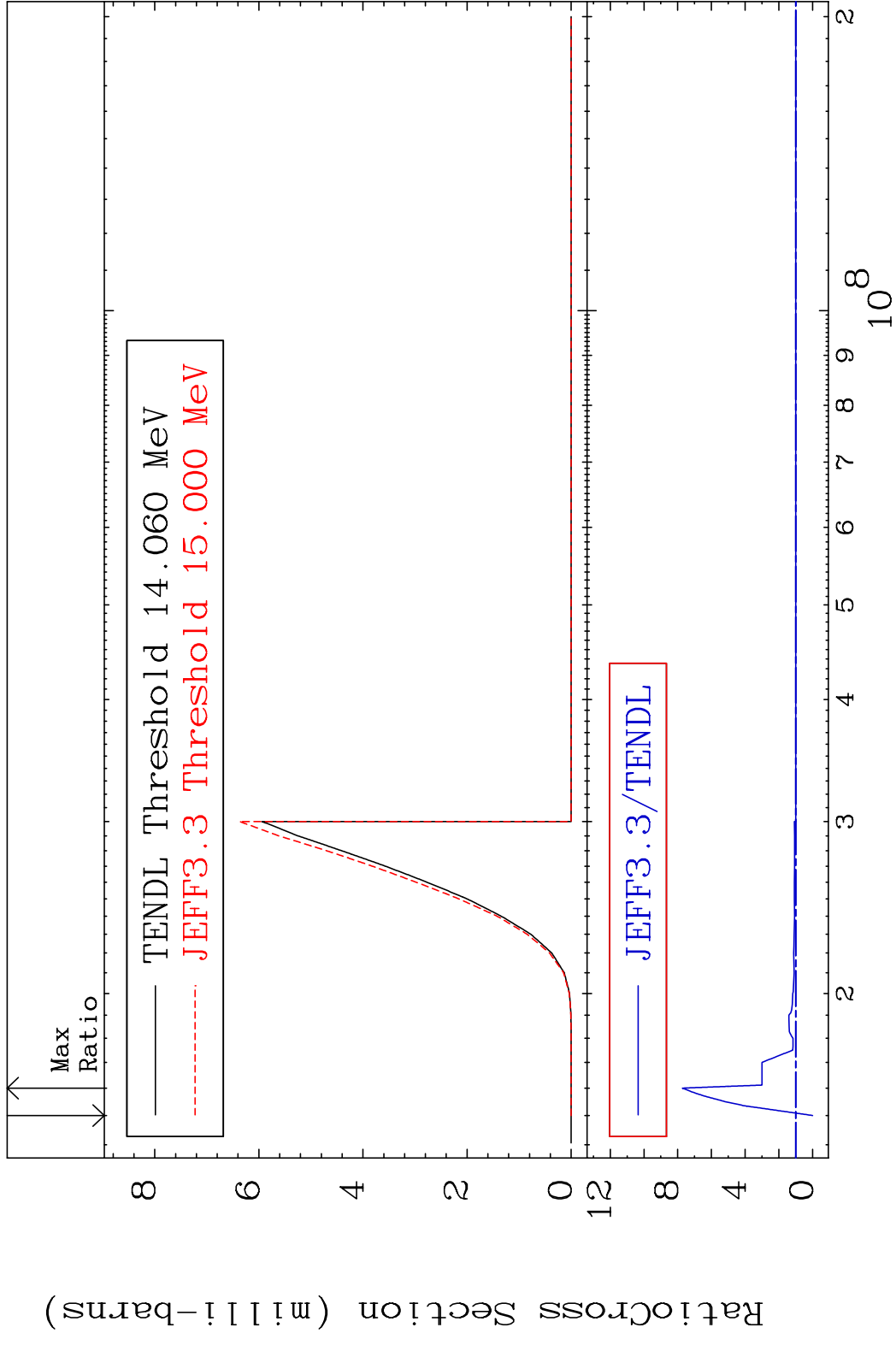




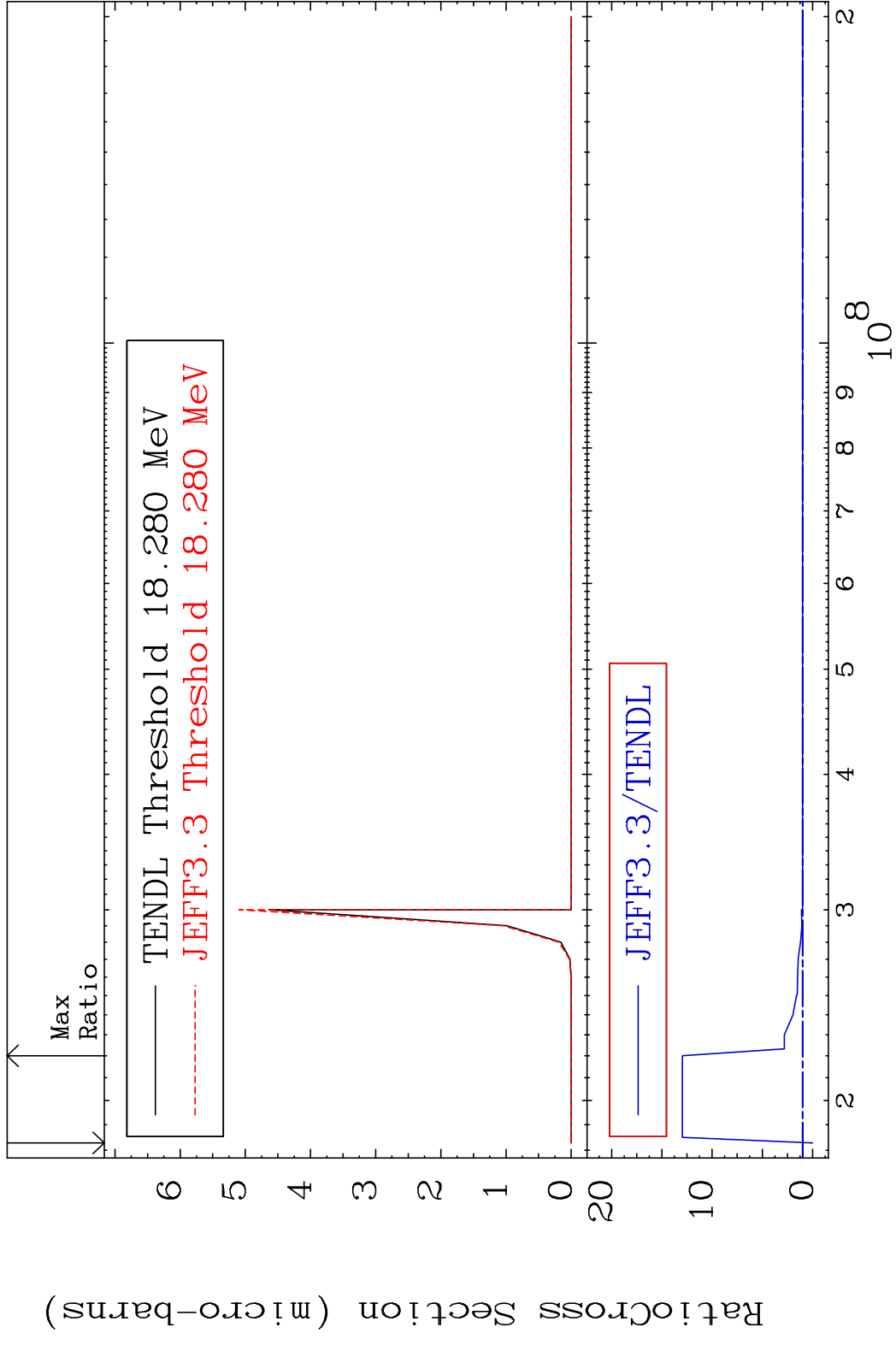


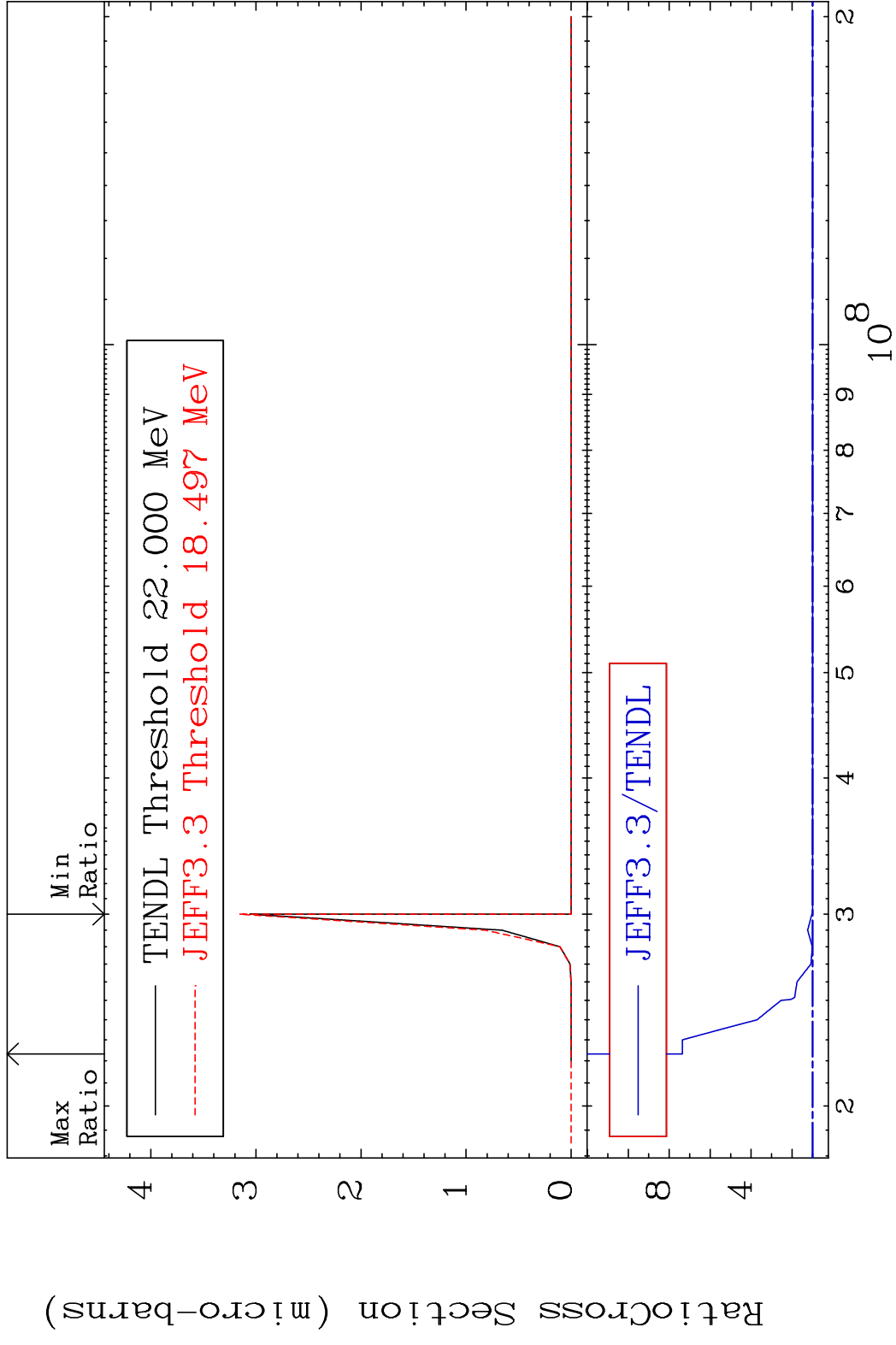
MAT 4737 (n, n') d:46-Pd-109g 47-Ag-111
 Radionuclide Production Cross Section 180.0 d to 120.3 %



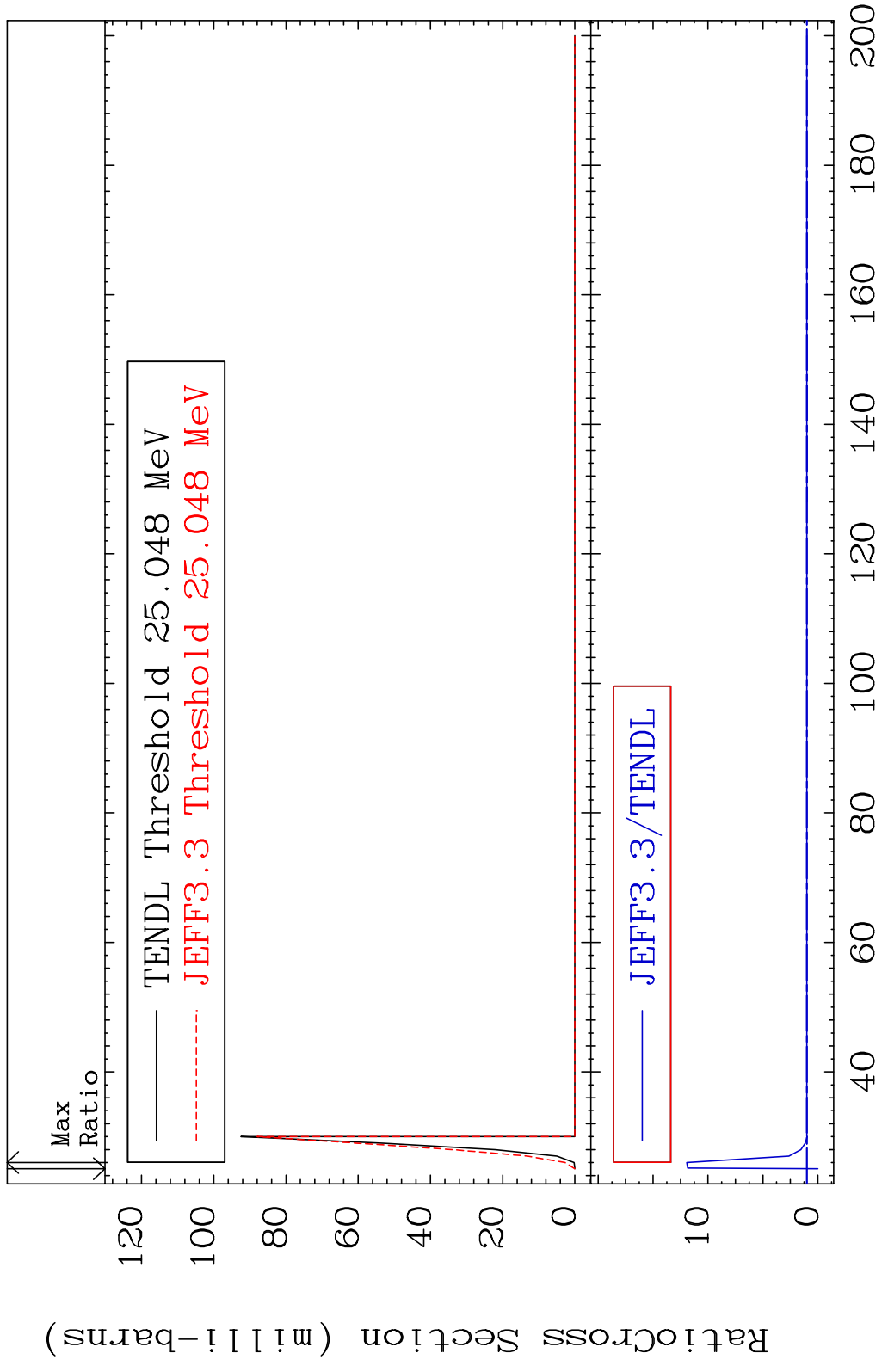


MAT 4737 (n, n') He-3:45-Rh-108g 47-Ag-111
 Radionuclide Production Cross Section 18.280 MeV 1196. %

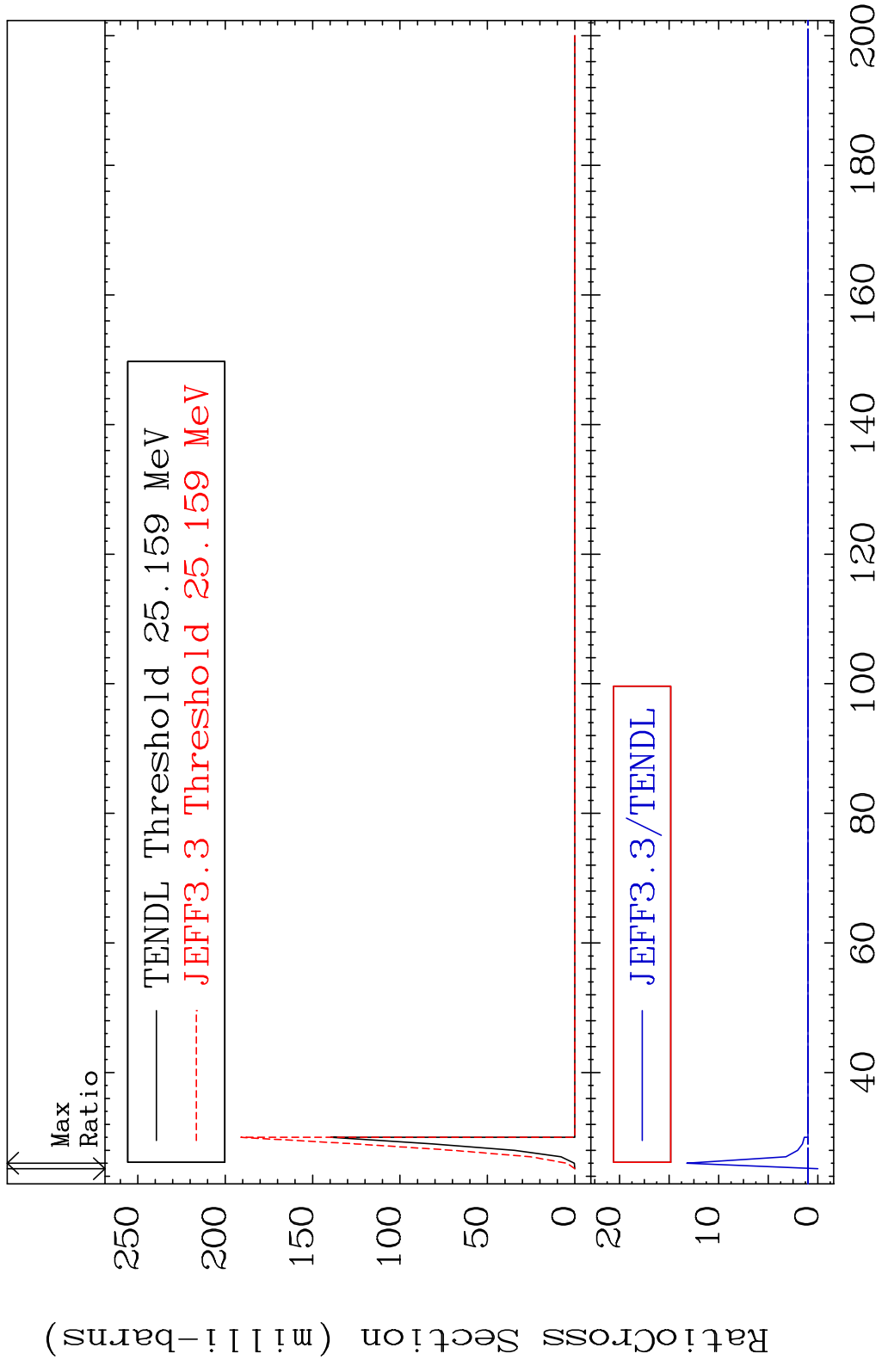


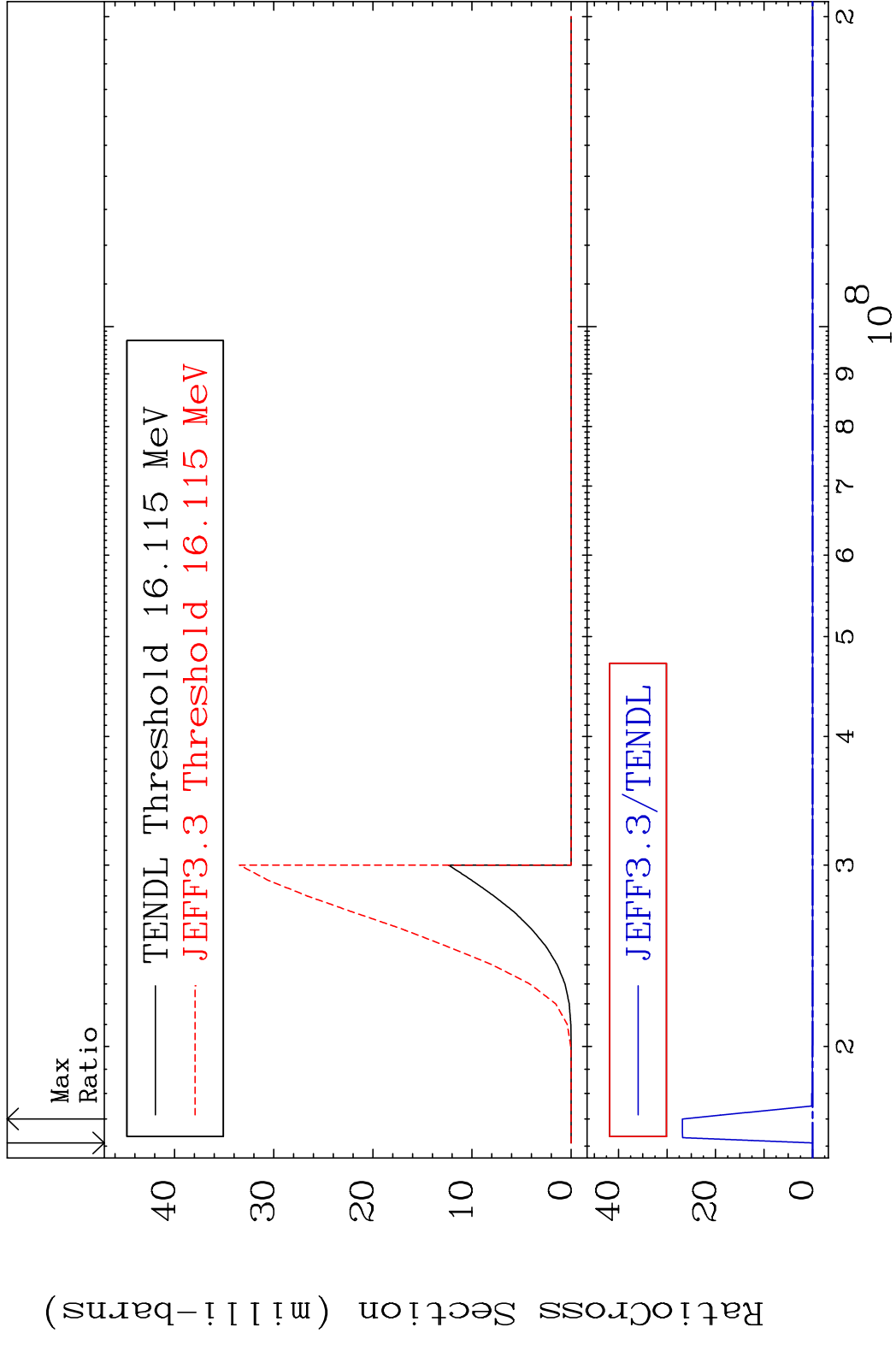


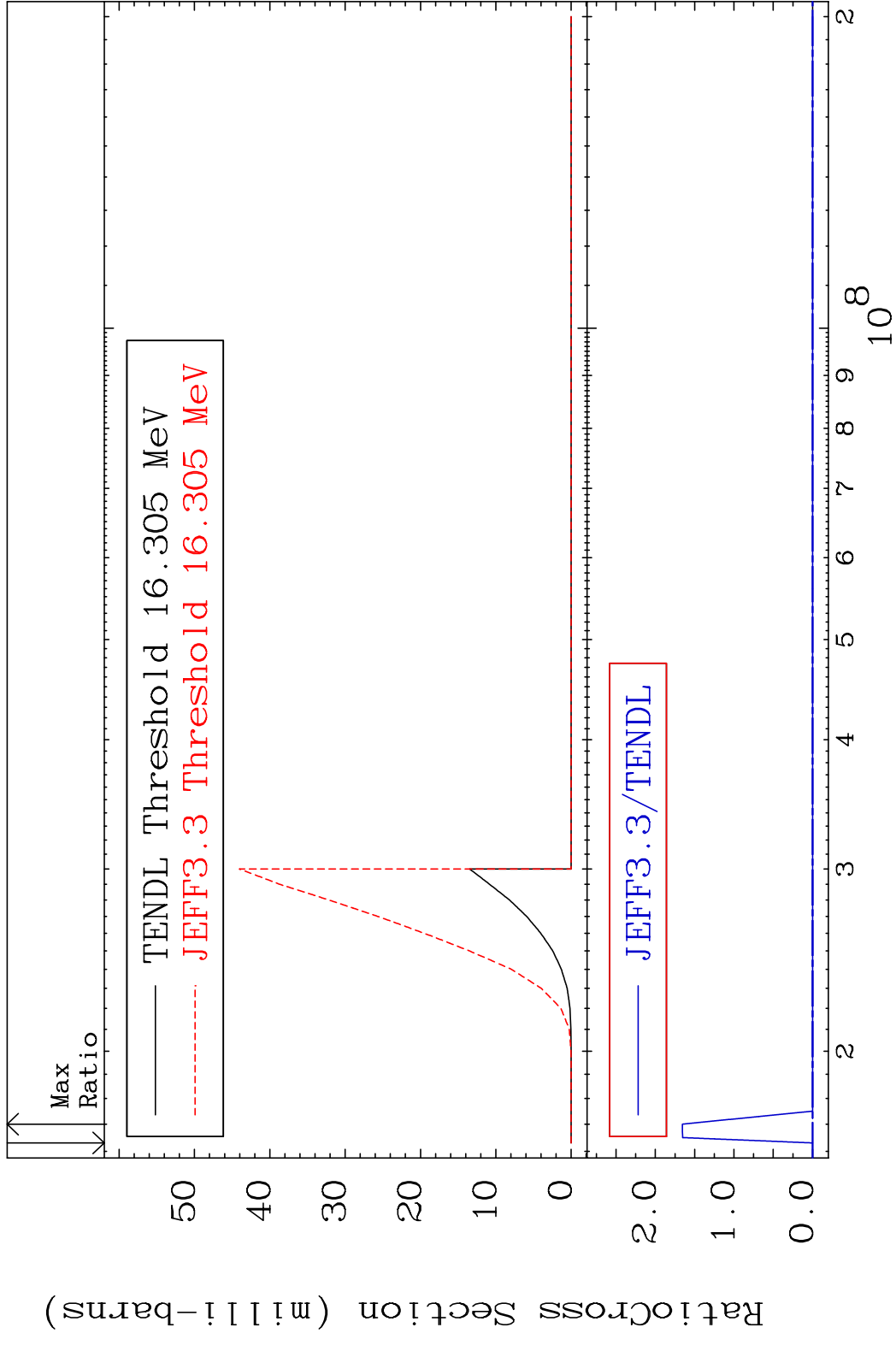
MAT 4737 (n,4n):47-Ag-108g 47-Ag-111
 Radionuclide Production Cross Section 100% to 1093. %



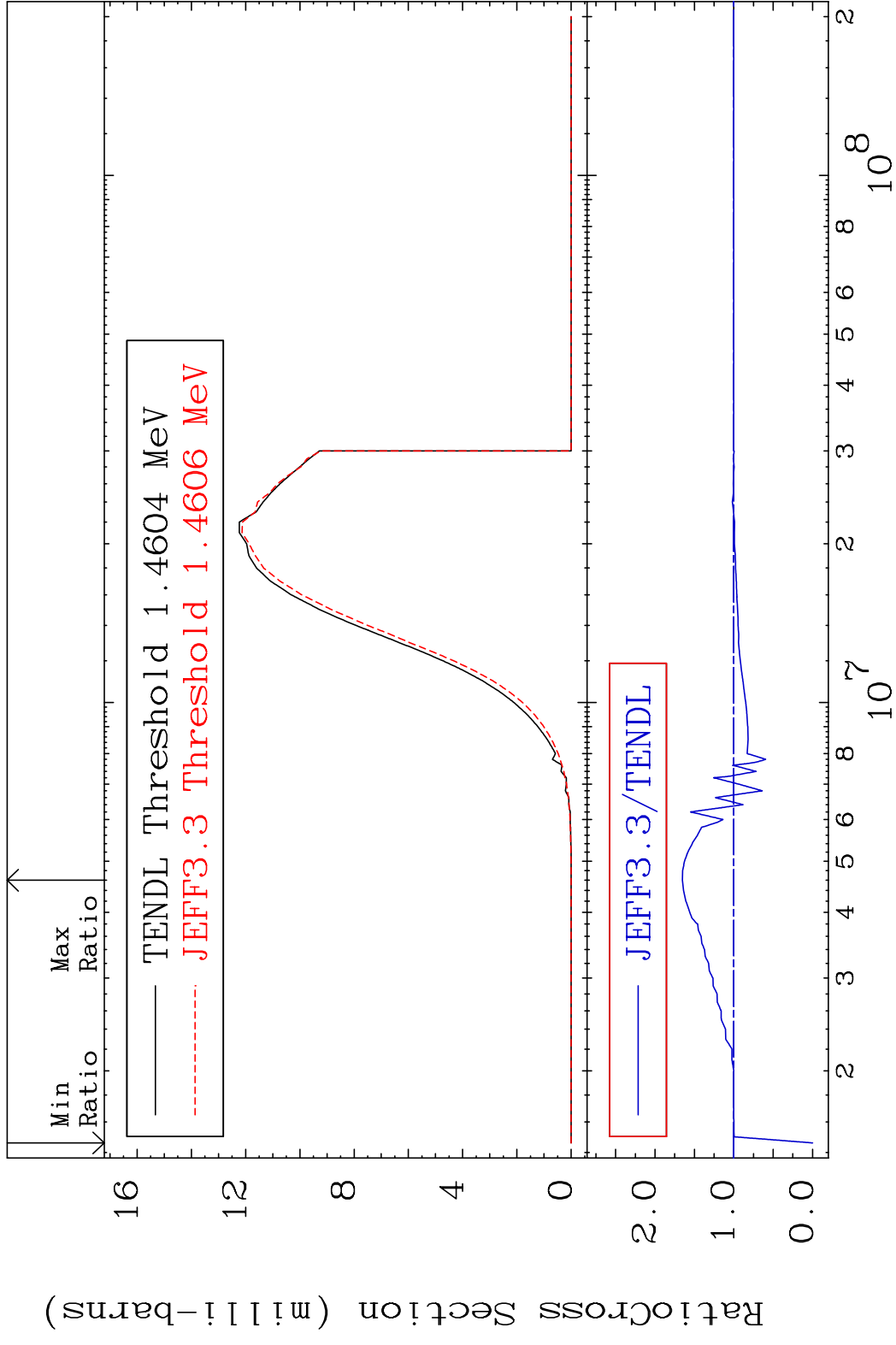
MAT 4737 (n, 4n) : 47-Ag-108m2 47-Ag-111
 Radionuclide Production Cross Section 1800.0 dth 1222. %

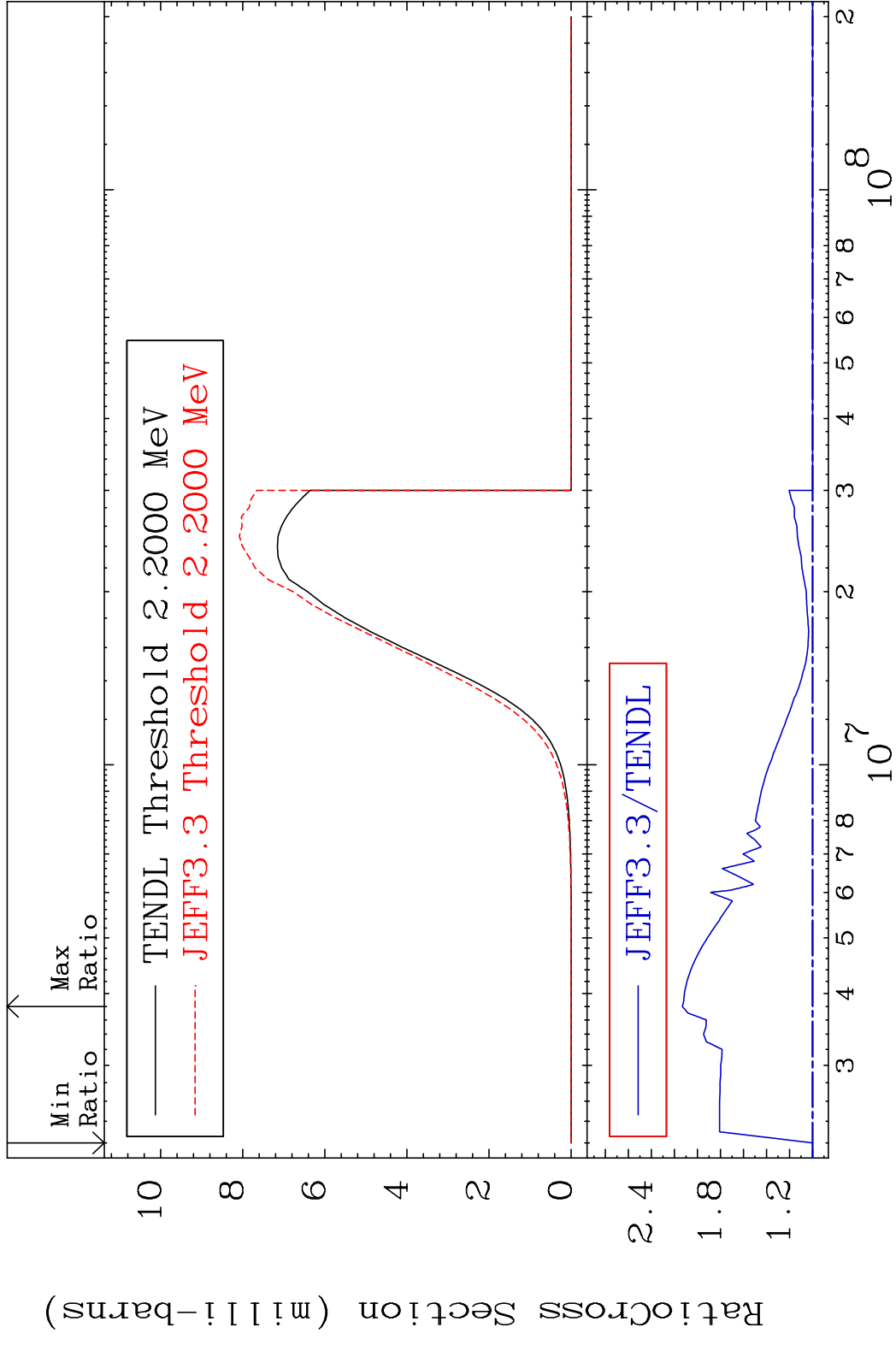






MAT 4737 (n,p):46-Pd-111g 47-Ag-111
 Radionuclide Production Cross Section 65.34 %



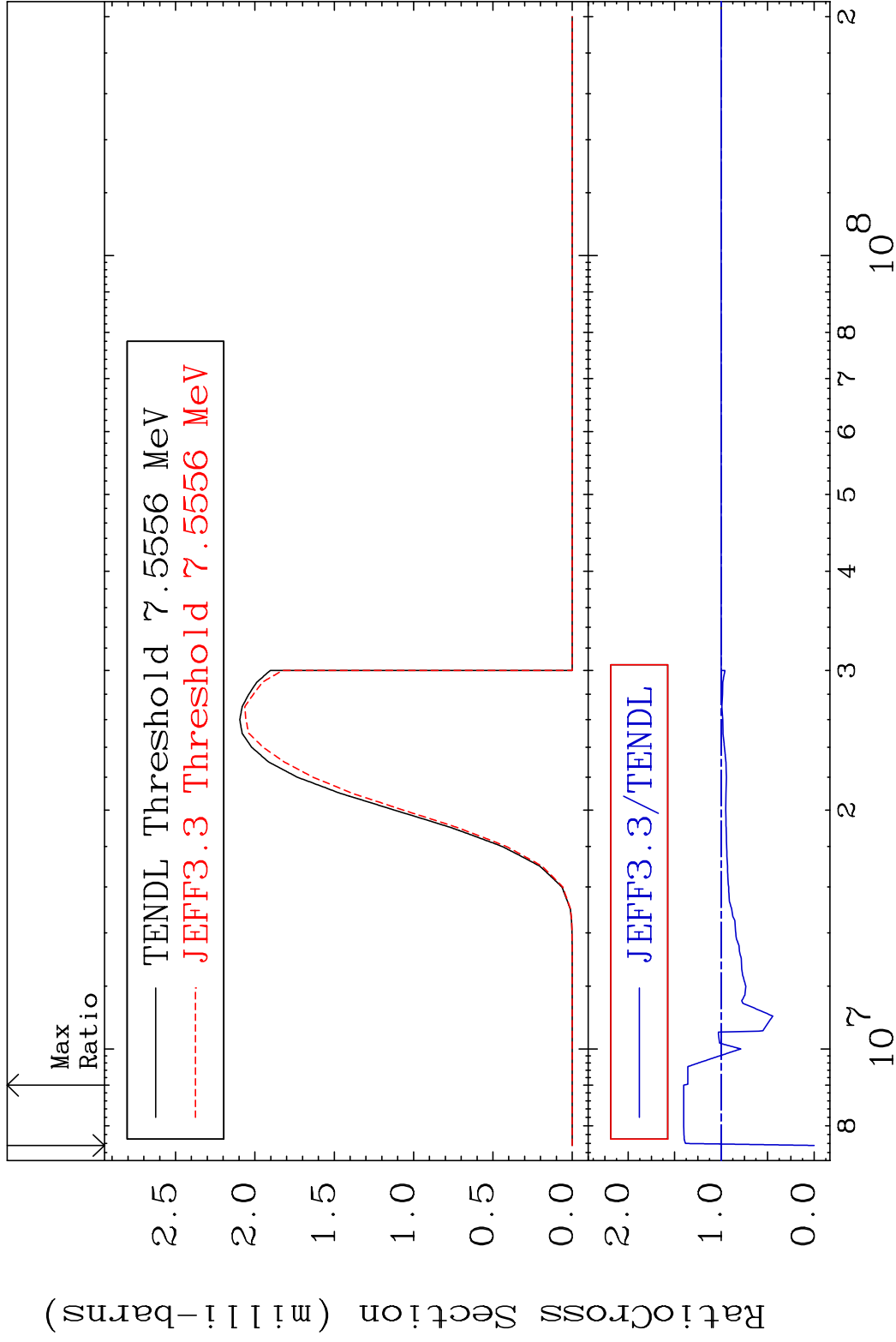


MAT 4737

(n, t): 46-Pd-109g

47-Ag-111

Radionuclide Production Cross Section to 40.28 %

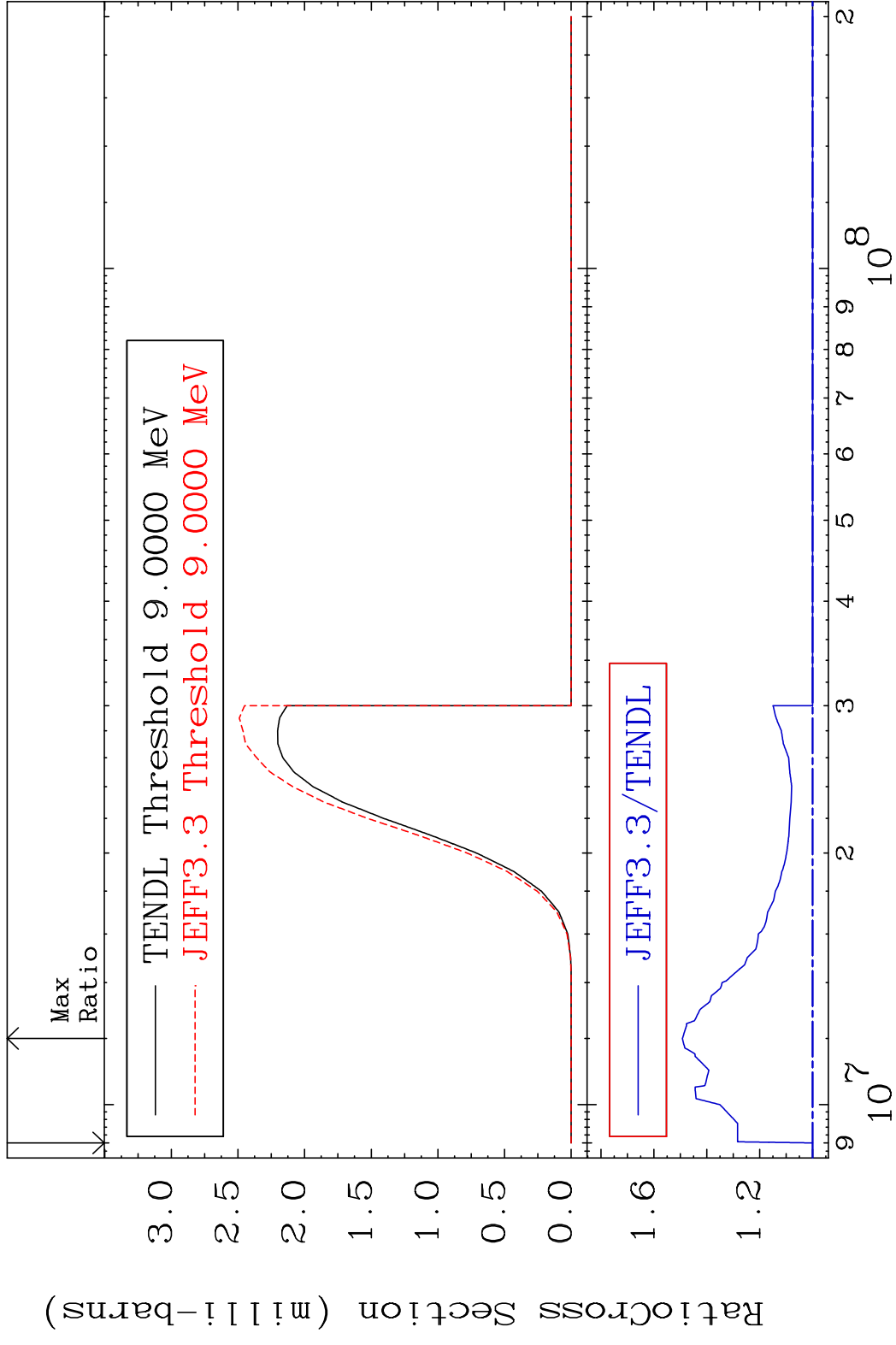


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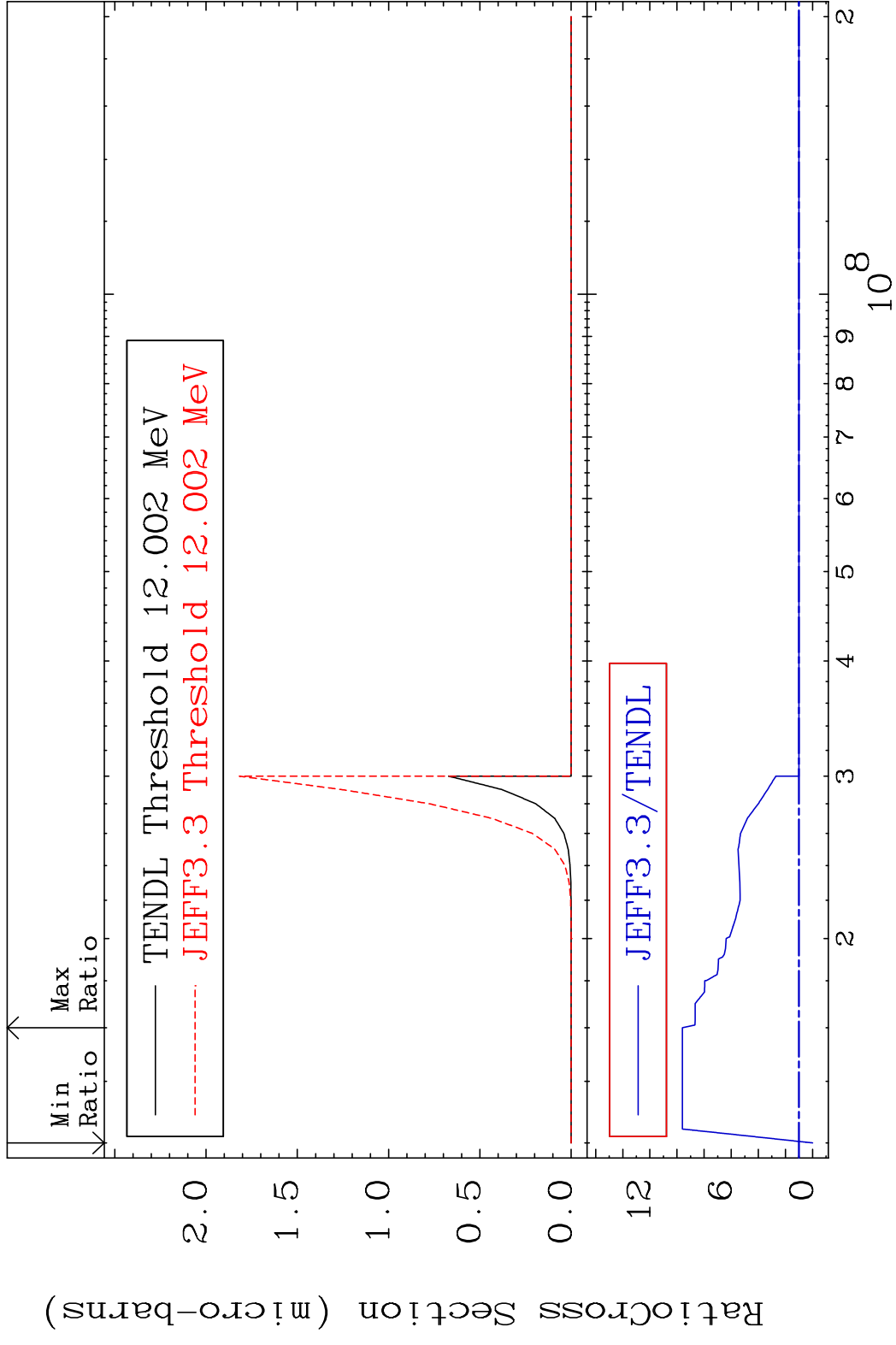
Incident Energy (eV)

47-Ag-111

MAT 4737 (n, t): 46-Pd-109m2 47-Ag-111
 Radionuclide Production Cross Section 49.23 %

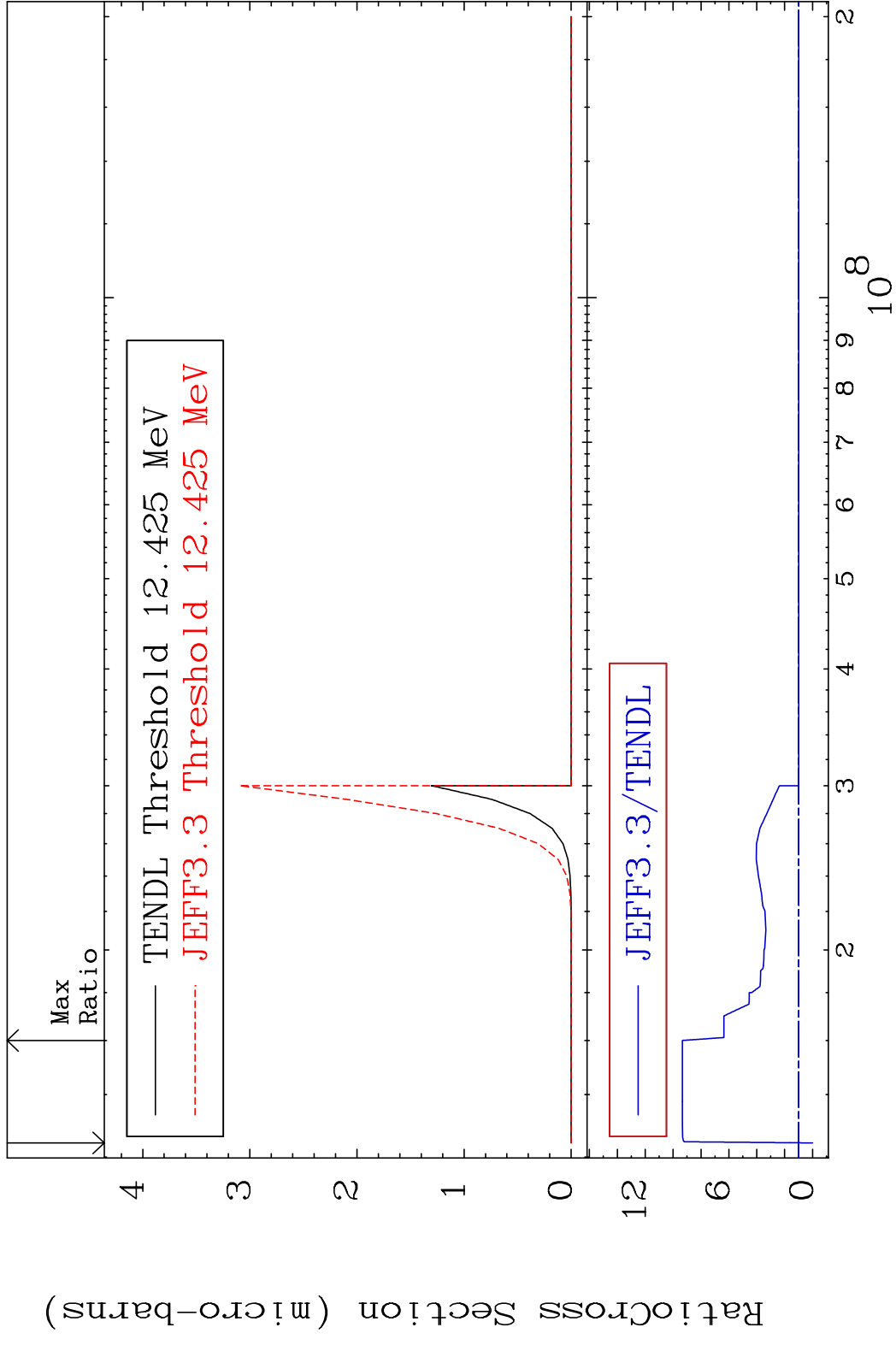


MAT 4737 (n,2p):45-Rh-110g 47-Ag-111
 Radionuclide Production Cross Section 186.01 dth 860.4 %



100 Incident Energy (eV) 47-Ag-111

MAT 4737 (n, 2p) : 45-Rh-110m6 47-Ag-111
 Radionuclide Production Cross Section 180.01 dth 833.6 %



MAT 4737 (n, p) t:45-Rh-108g 47-Ag-111
 Radionuclide Production Cross Section 100% 569.8 %

