

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

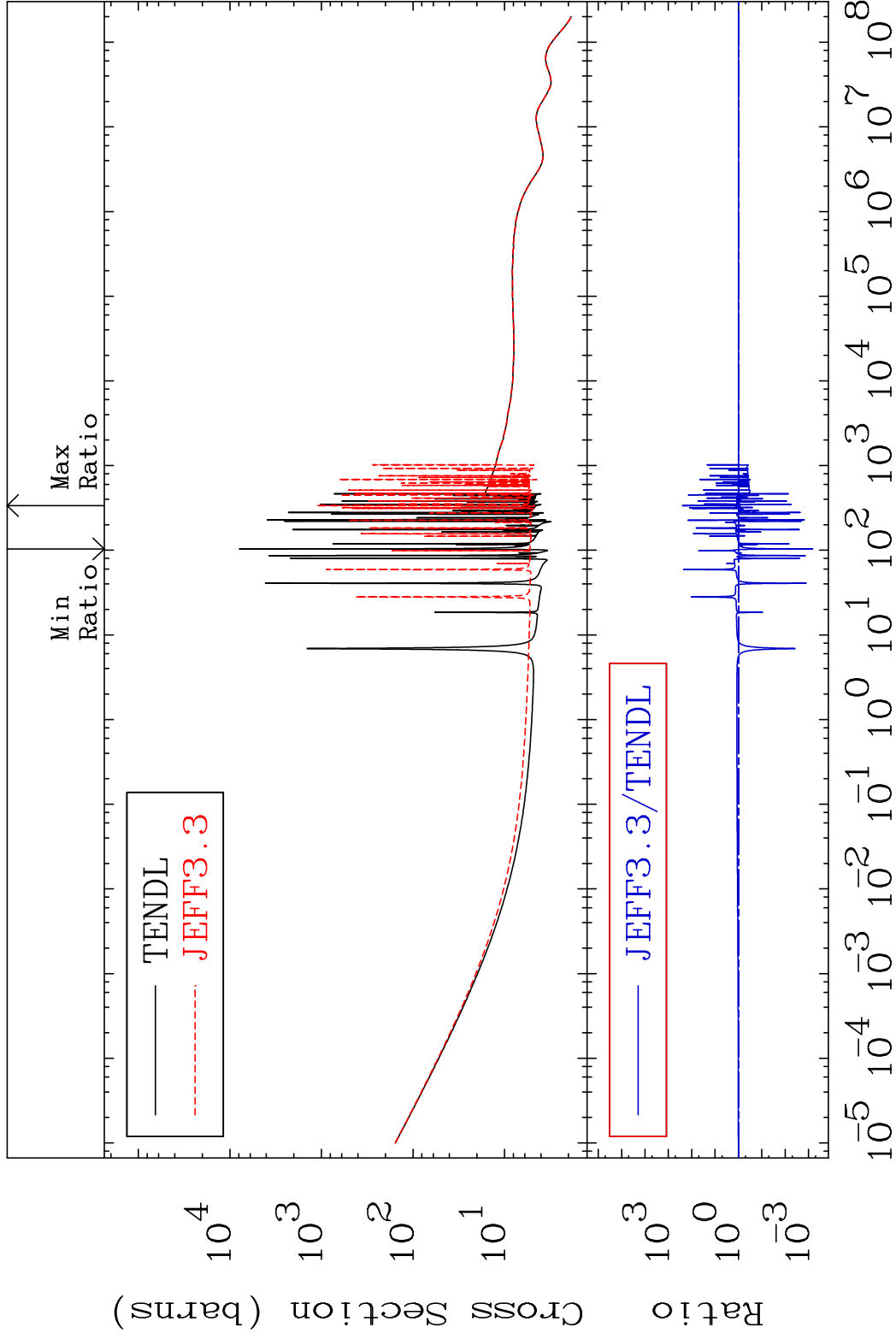
MAT 4737

Total

47-Ag-111

Cross Section

-99.93 To 9999. %



Min Ratio

Max Ratio

Cross Section (barns)

Ratio

1

Incident Energy (eV)

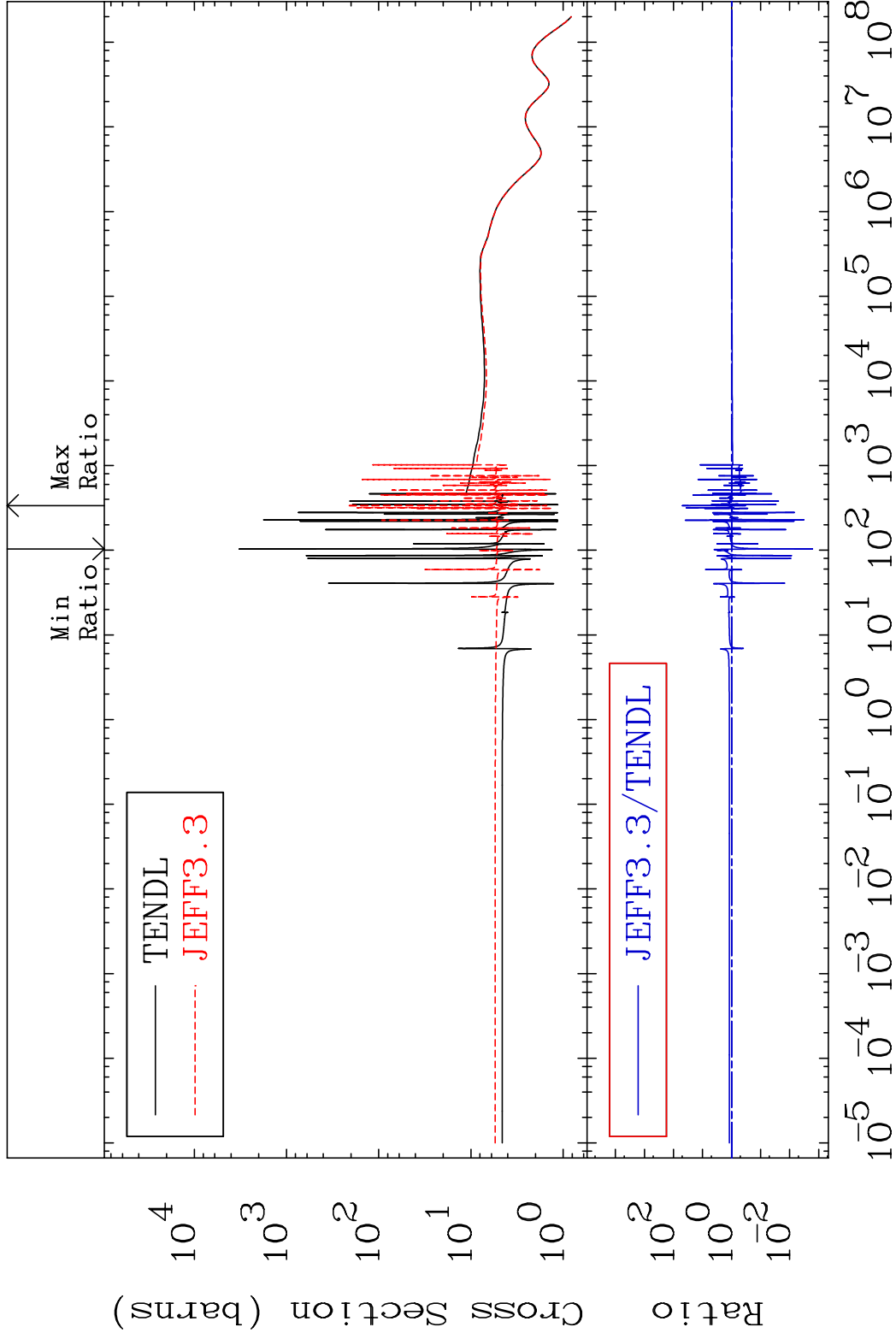
47-Ag-111

MAT 4737

Elastic

47-Ag-111

Cross Section -99.84 To 4855. %



2

Incident Energy (eV)

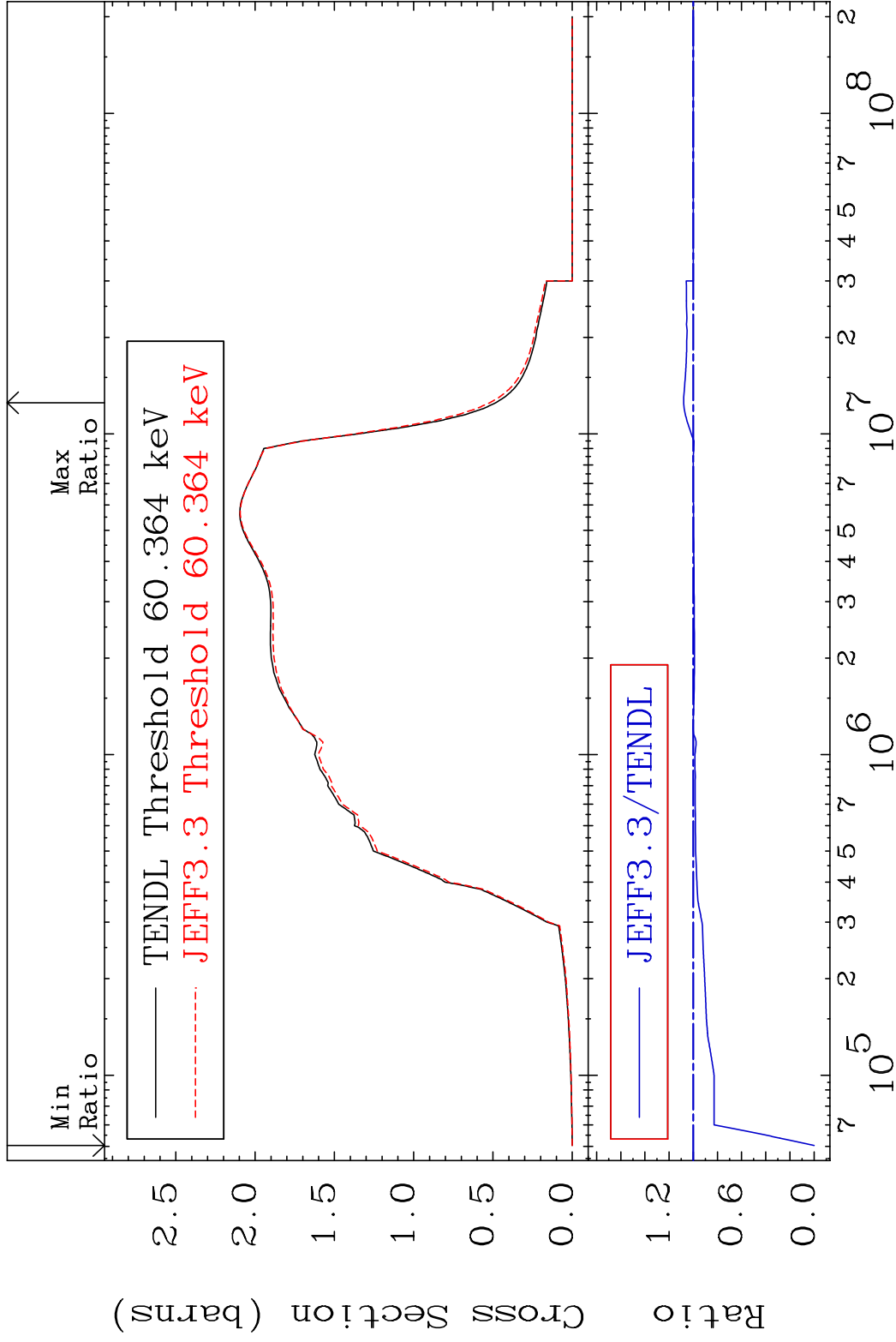
47-Ag-111

MAT 4737

Inelastic

47-Ag-111

Cross Section -100.0 To 7.962 %



3

Incident Energy (eV)

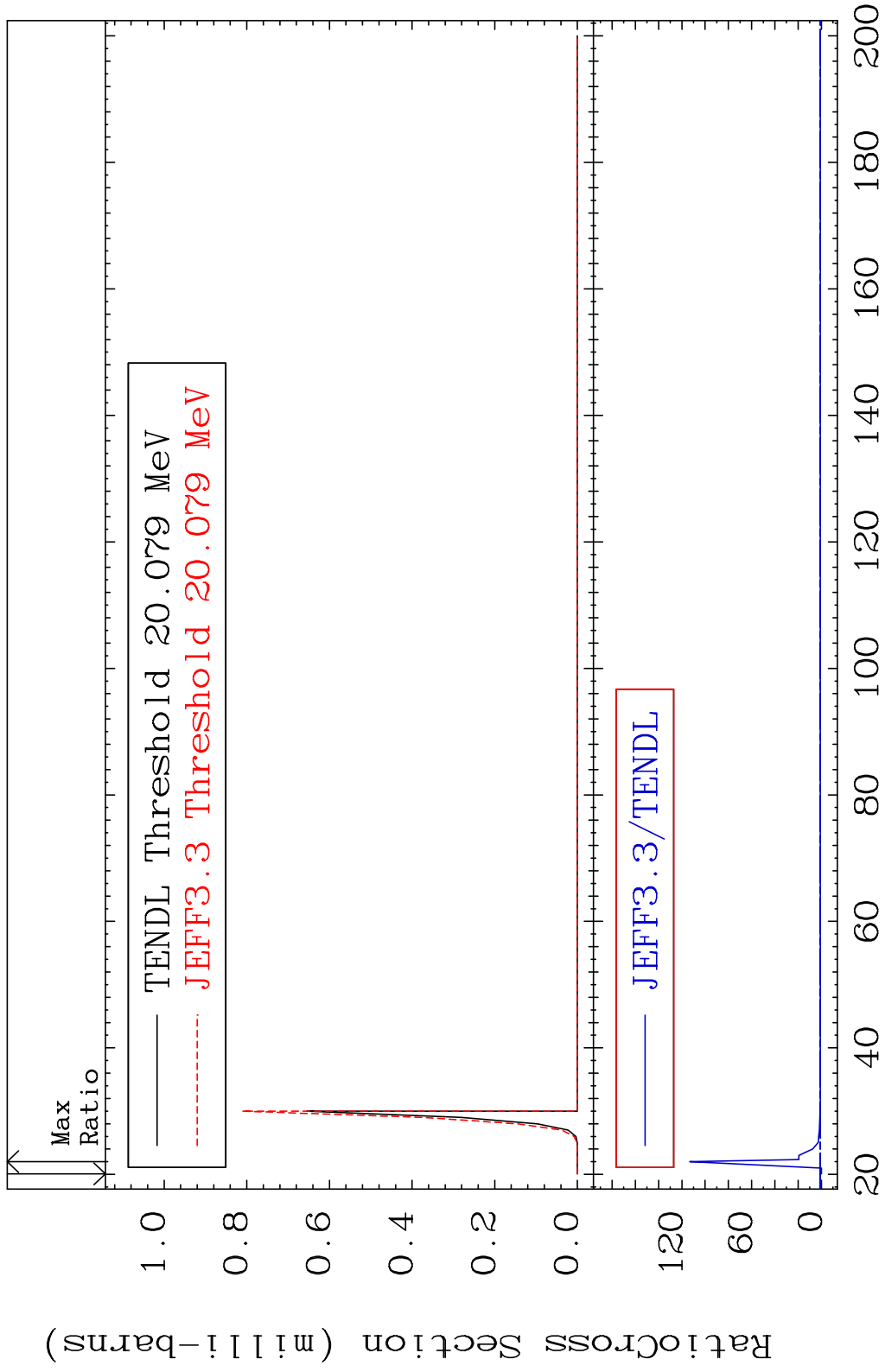
47-Ag-111

MAT 4737

(n,2n) d

47-Ag-111

Cross Section -100.0 To 9999. %



4

Incident Energy (MeV)

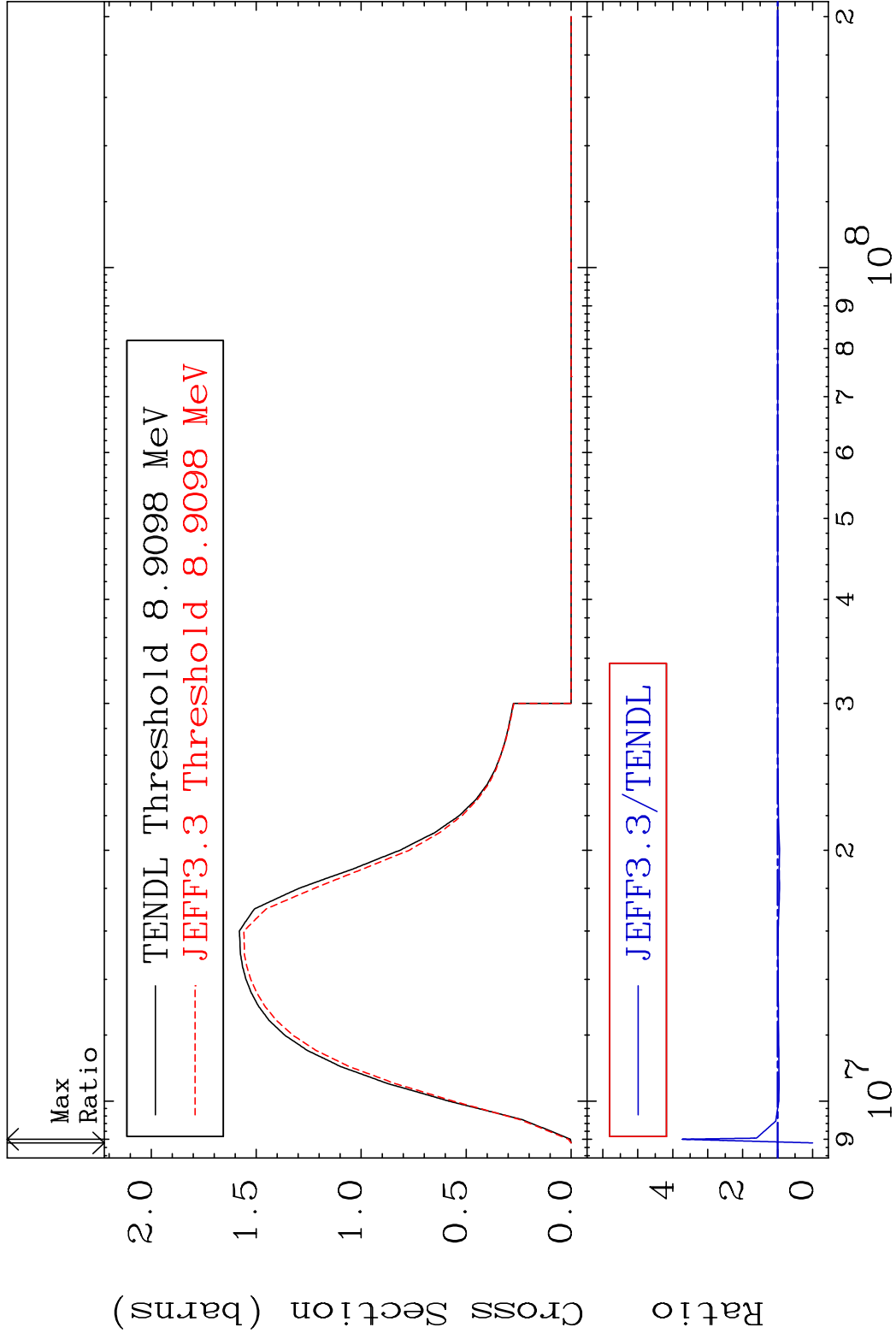
47-Ag-111

MAT 4737

(n,2n)

47-Ag-111

Cross Section -100.0 To 272.5 %



5

Incident Energy (eV)

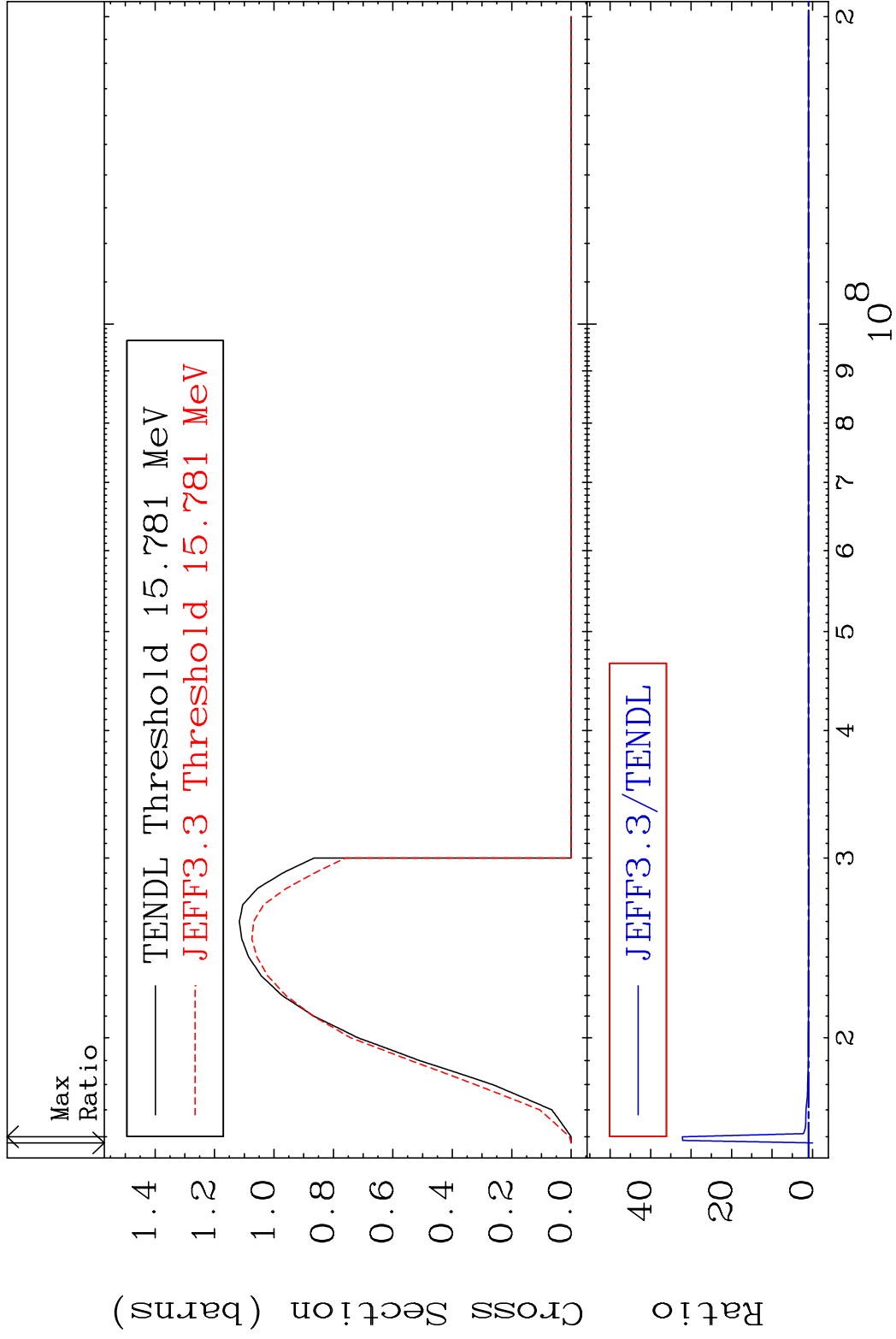
47-Ag-111

MAT 4737

(n,3n)

47-Ag-111

Cross Section -100.0 To 3116. %

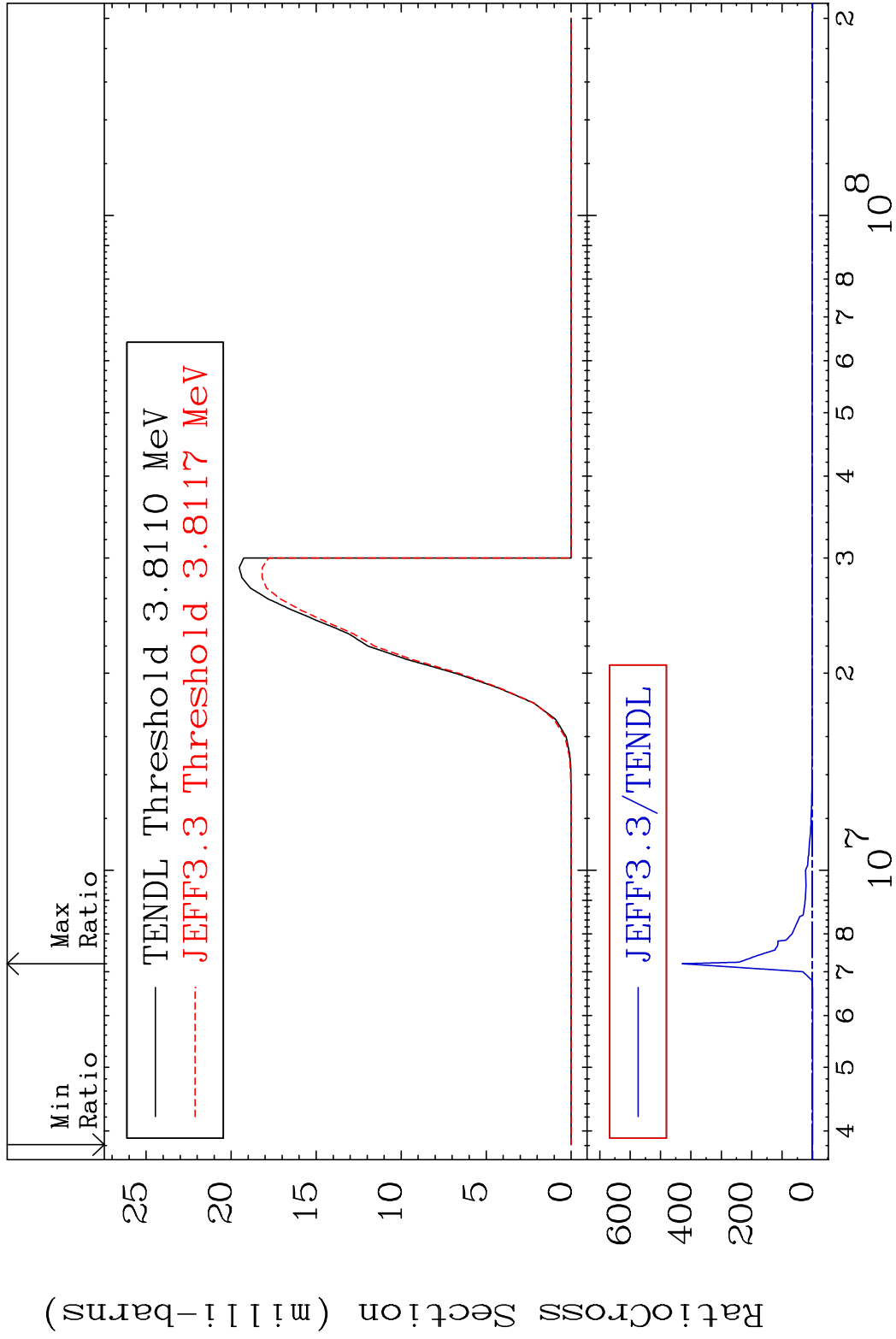


MAT 4737

(n, n') α

47-Ag-111

Cross Section -100.0 To 9999. %

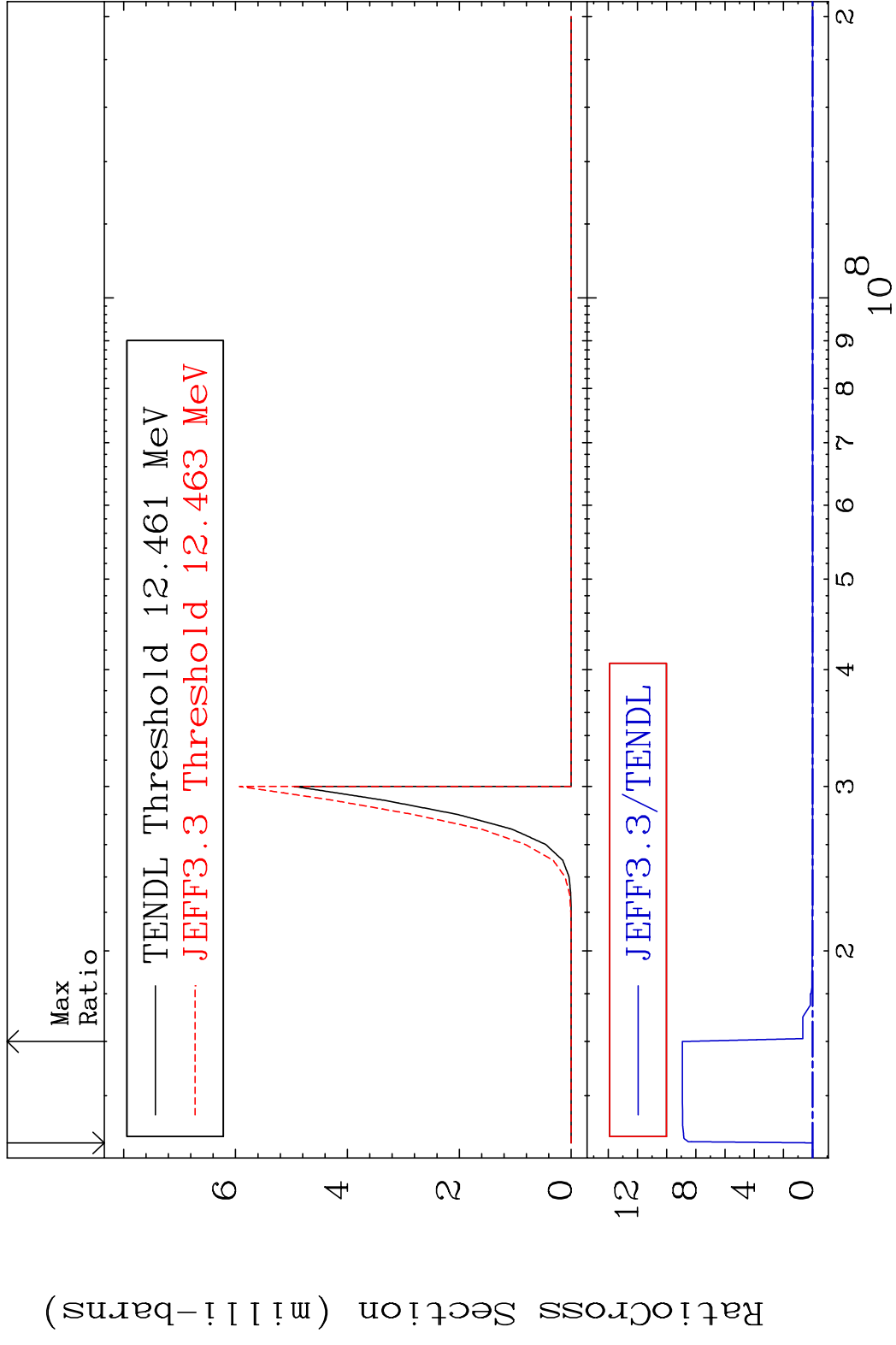


7

Incident Energy (eV)

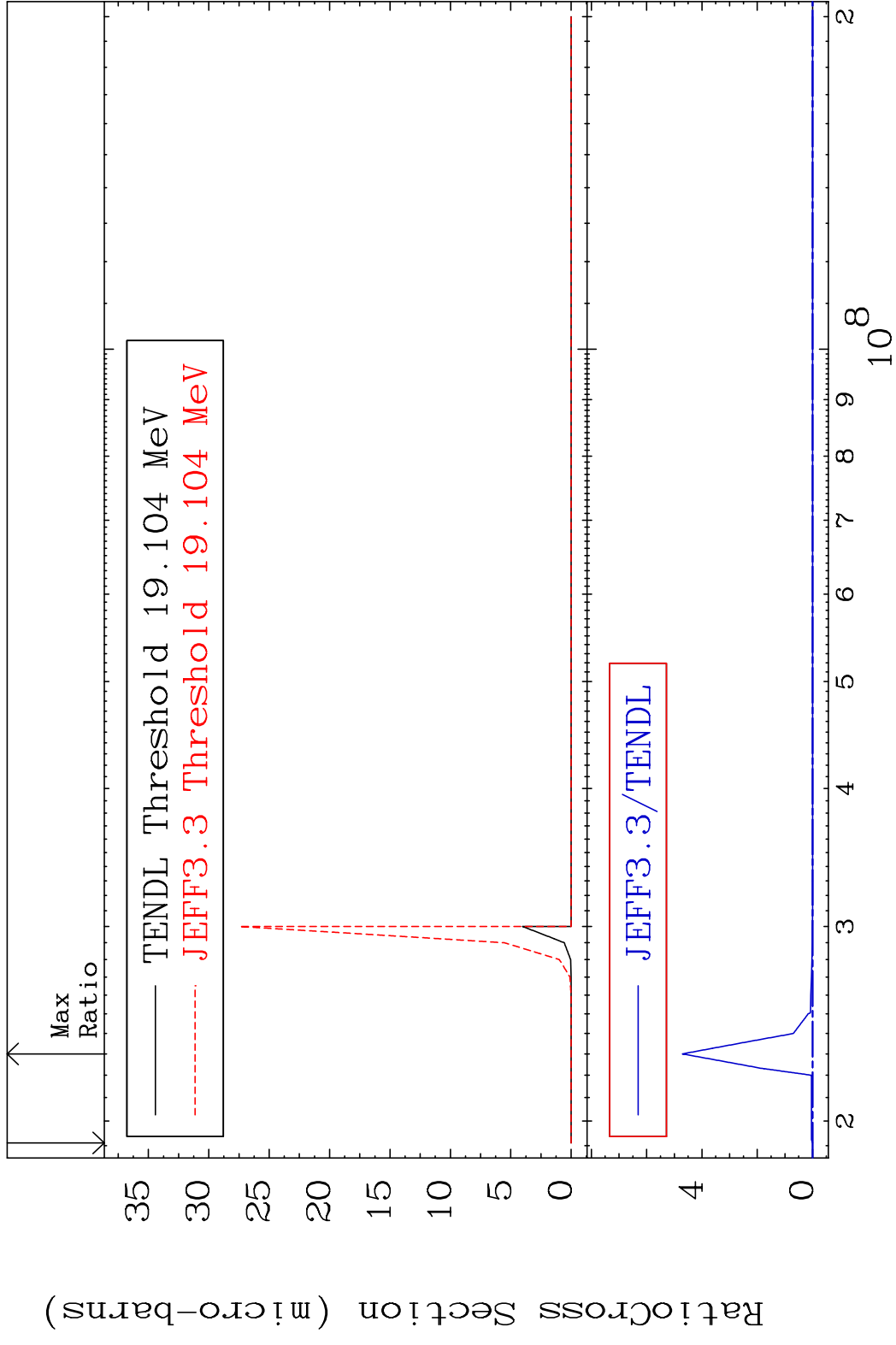
47-Ag-111

MAT 4737 (n,2n) α 47-Ag-111
 Cross Section -100.0 To 9999. %



8 Incident Energy (eV) 47-Ag-111

MAT 4737 (n,3n) α 47-Ag-111
 Cross Section -100.0 To 9999. %



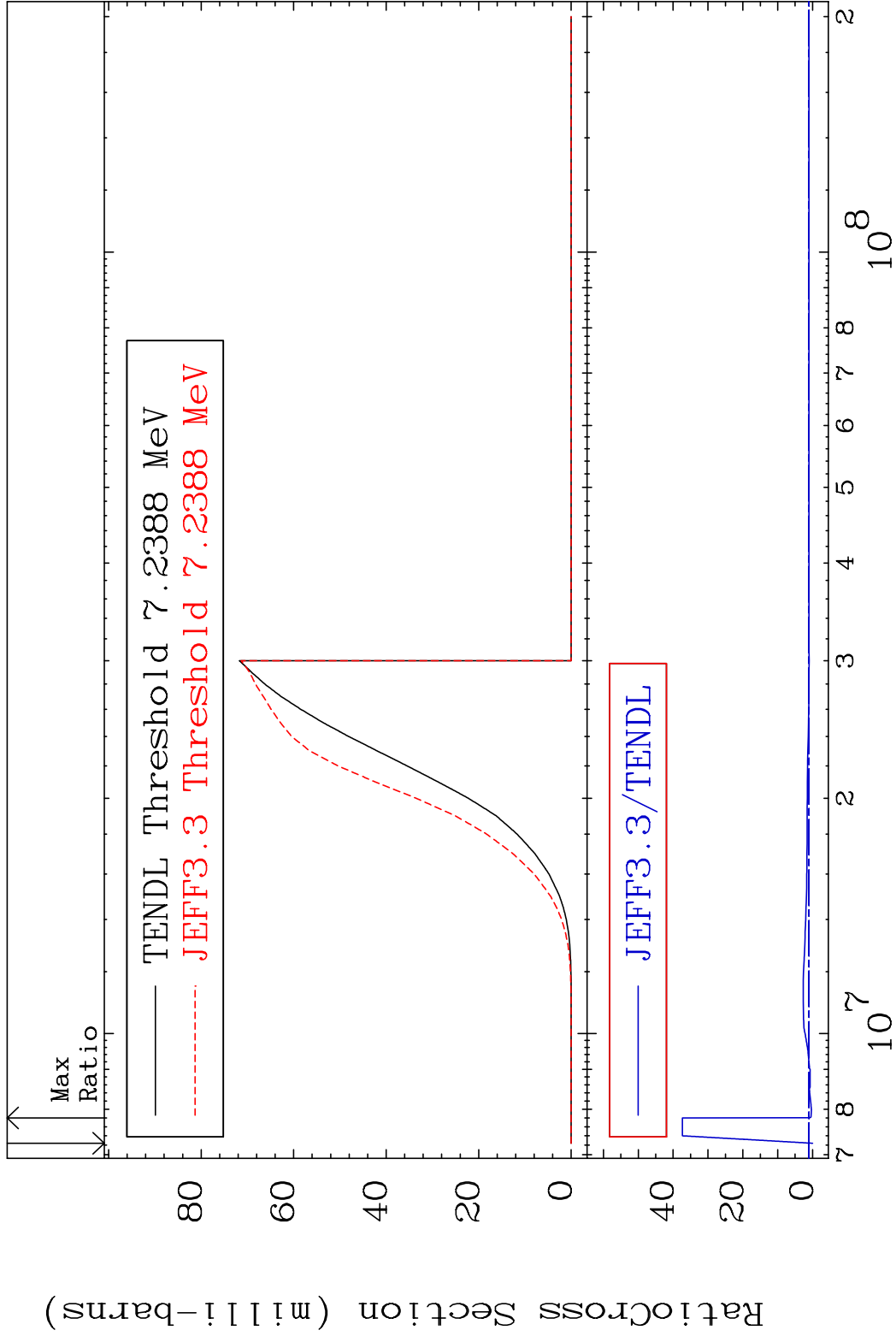
9 9 Incident Energy (eV) 47-Ag-111

MAT 4737

(n, n') p

47-Ag-111

Cross Section -100.0 To 3635. %



10

Incident Energy (eV)

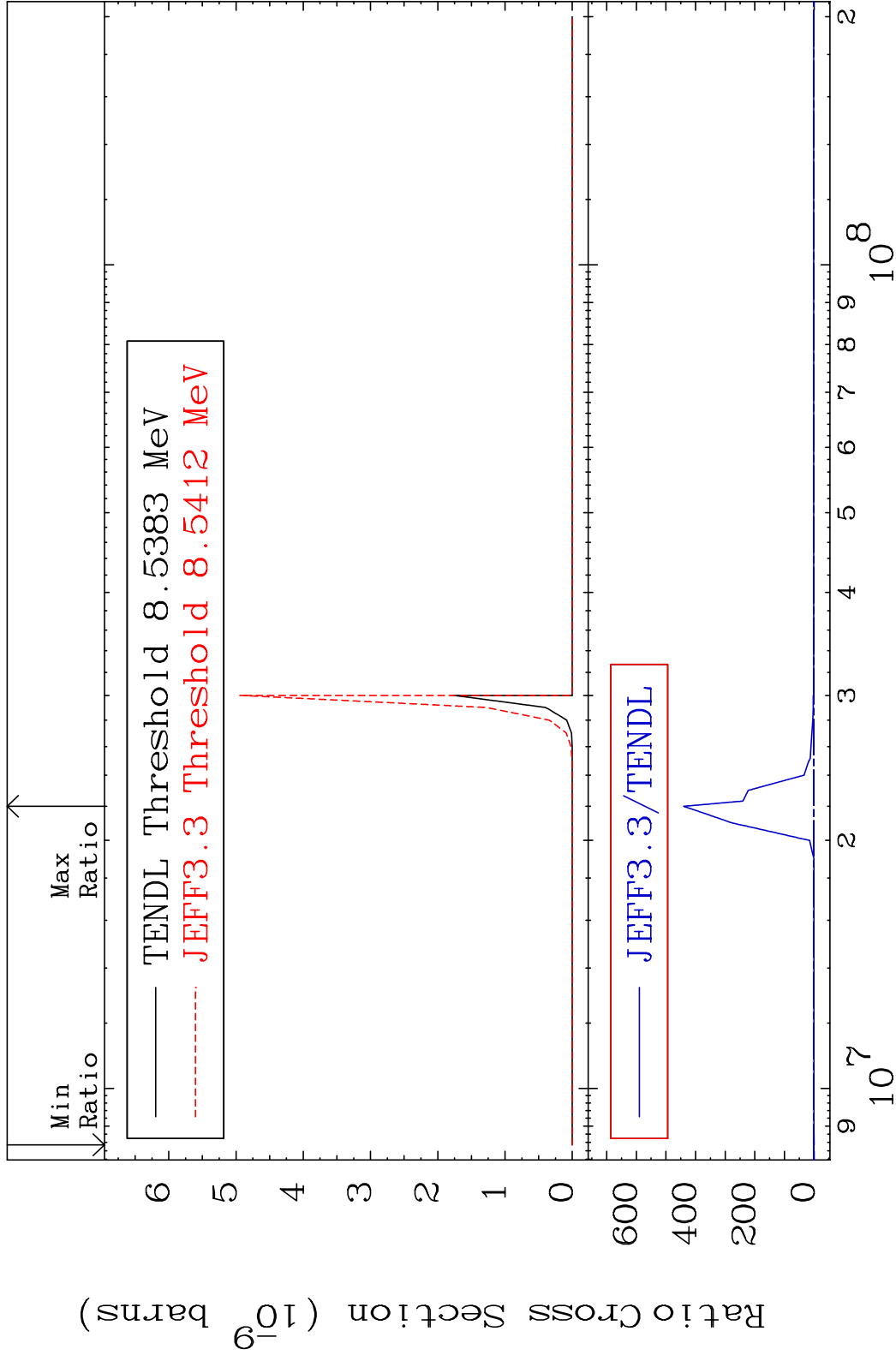
47-Ag-111

MAT 4737

(n, n') 2 α

47-Ag-111

Cross Section -100.0 To 9999. %



11

Incident Energy (eV)

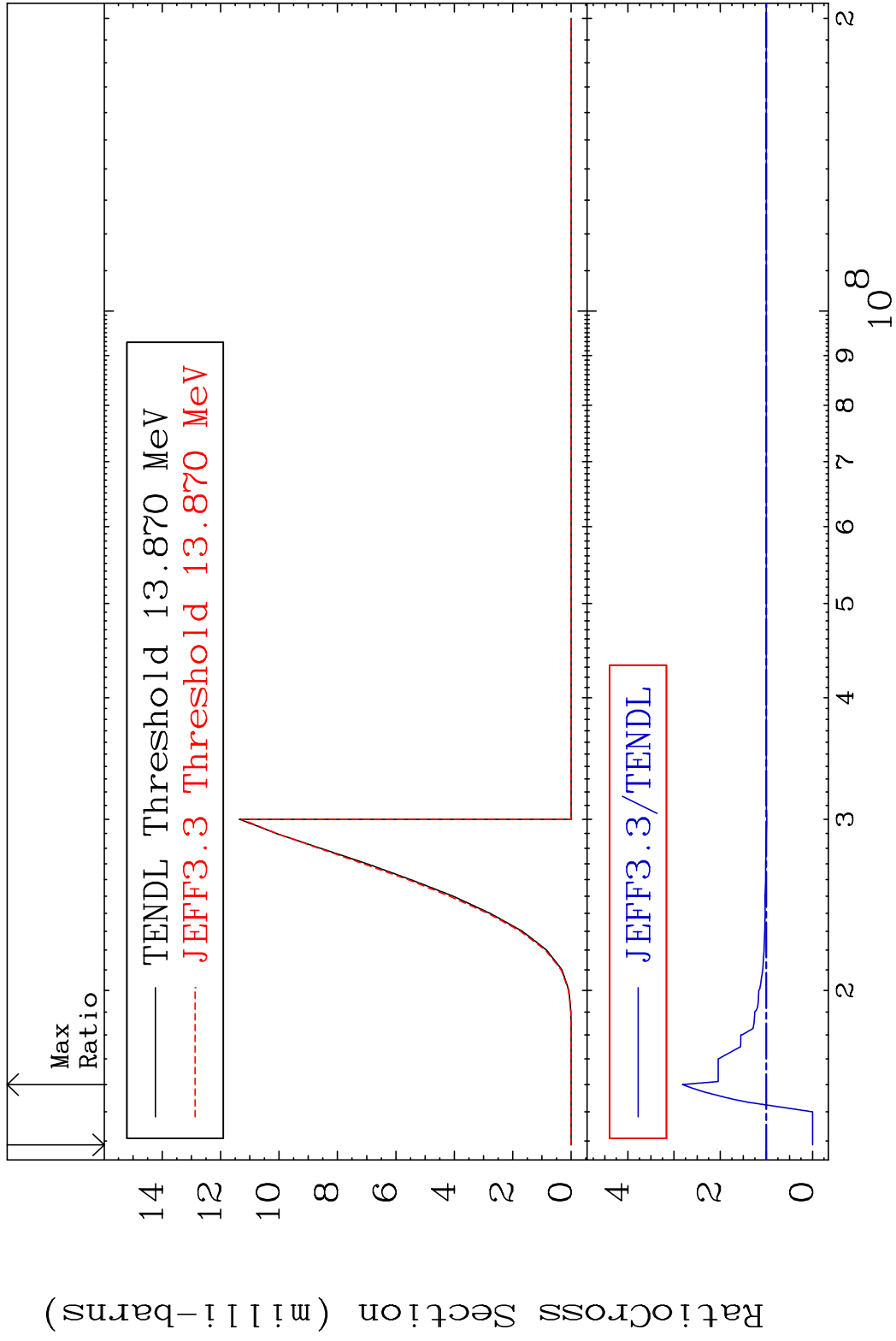
47-Ag-111

MAT 4737

(n, n') d

47-Ag-111

Cross Section -100.0 To 182.0 %



12

Incident Energy (eV)

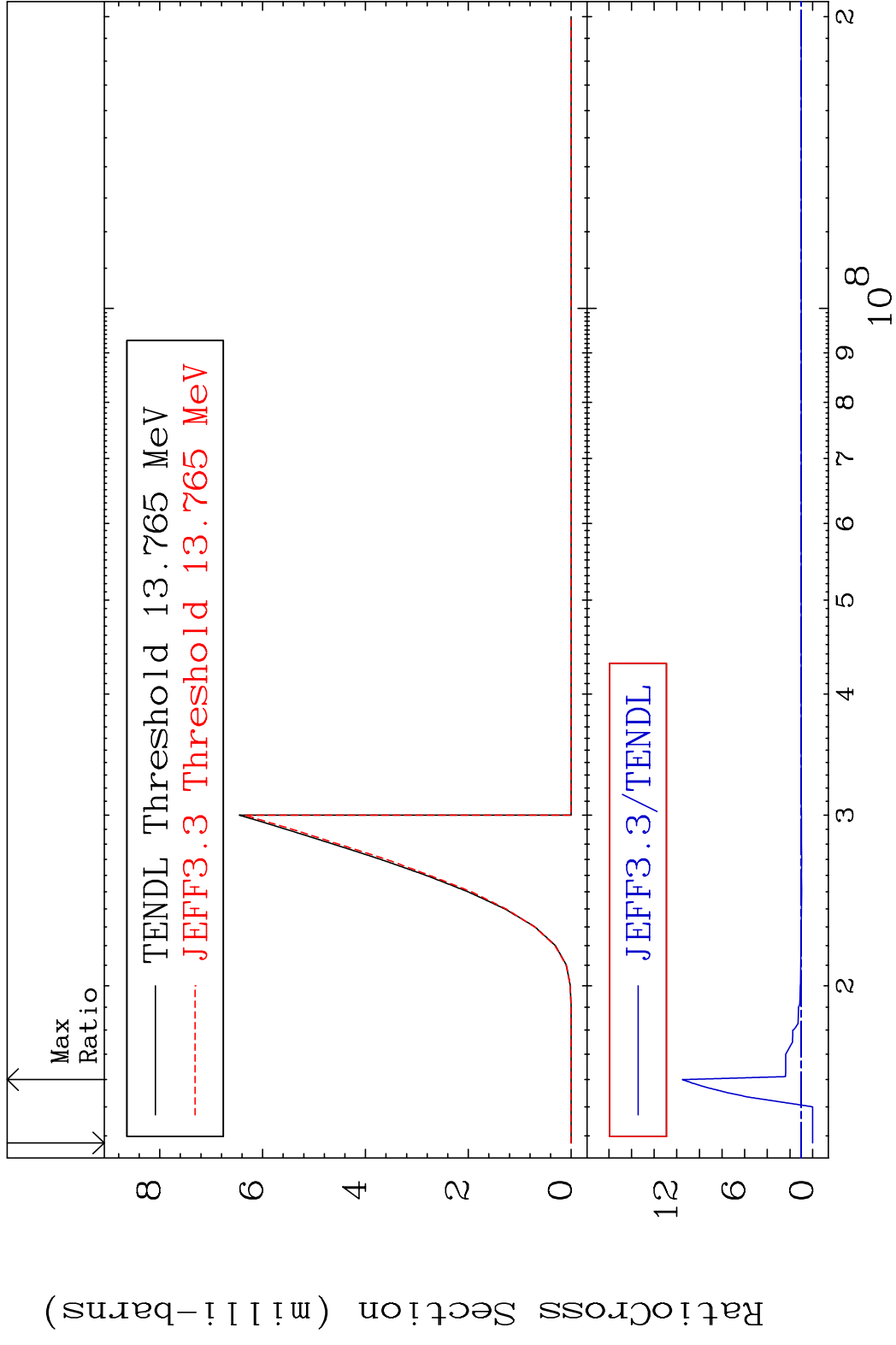
47-Ag-111

MAT 4737

(n, n') t

47-Ag-111

Cross Section -100.0 To 1051. %

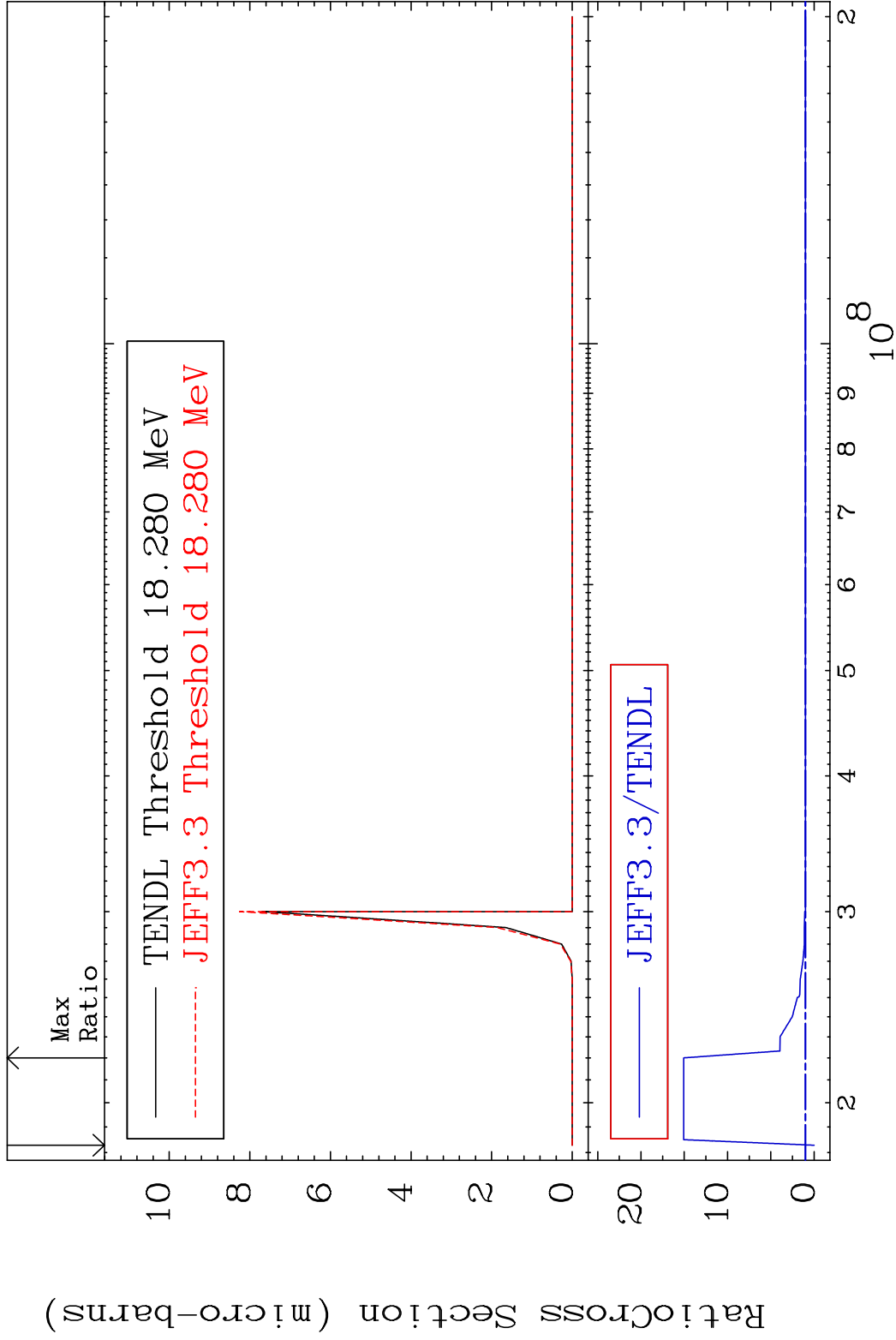


MAT 4737

(n,n') He-3

47-Ag-111

Cross Section -100.0 To 1407. %

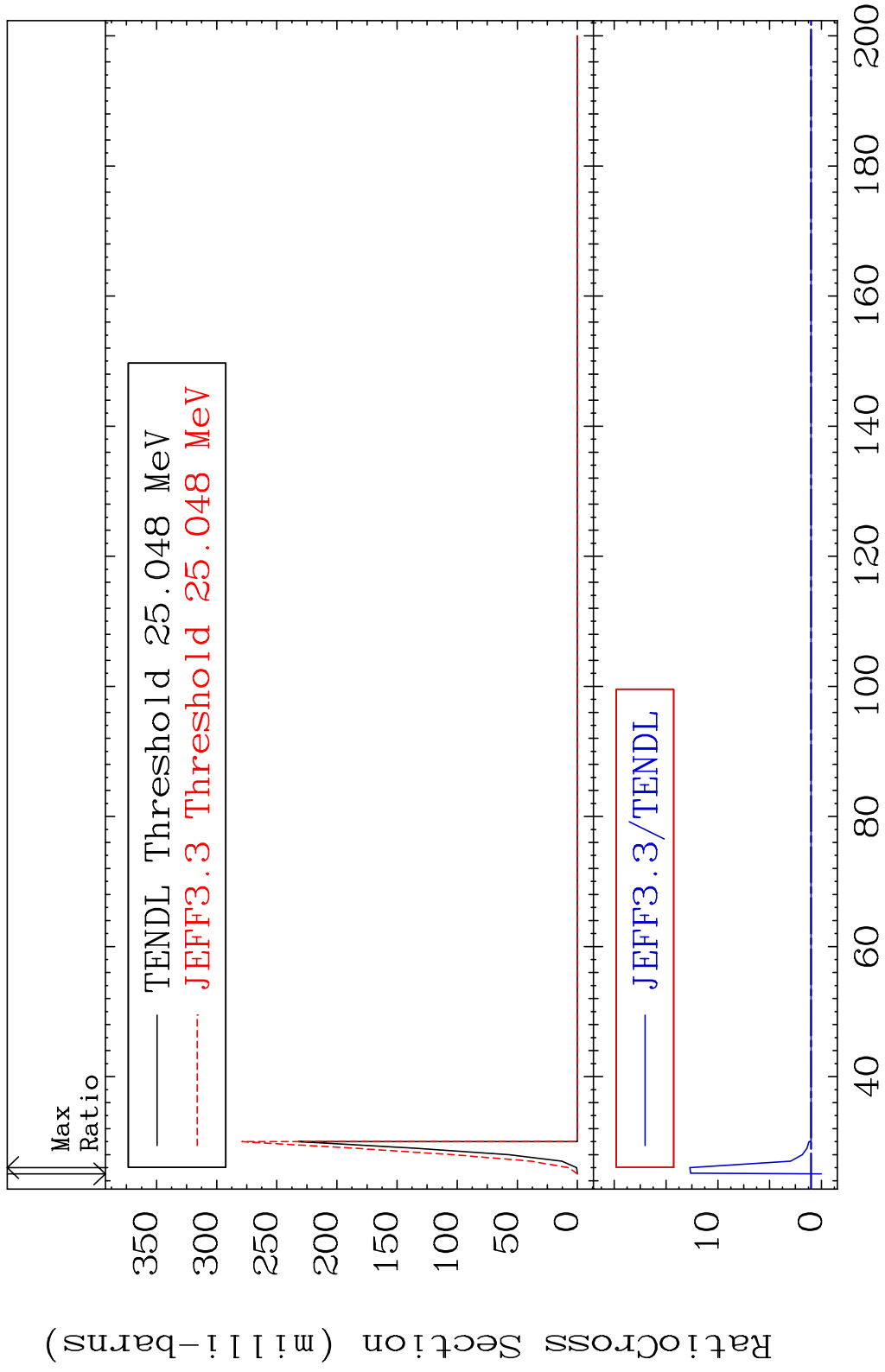


MAT 4737

(n, 4n)

47-Ag-111

Cross Section -100.0 To 1171. %

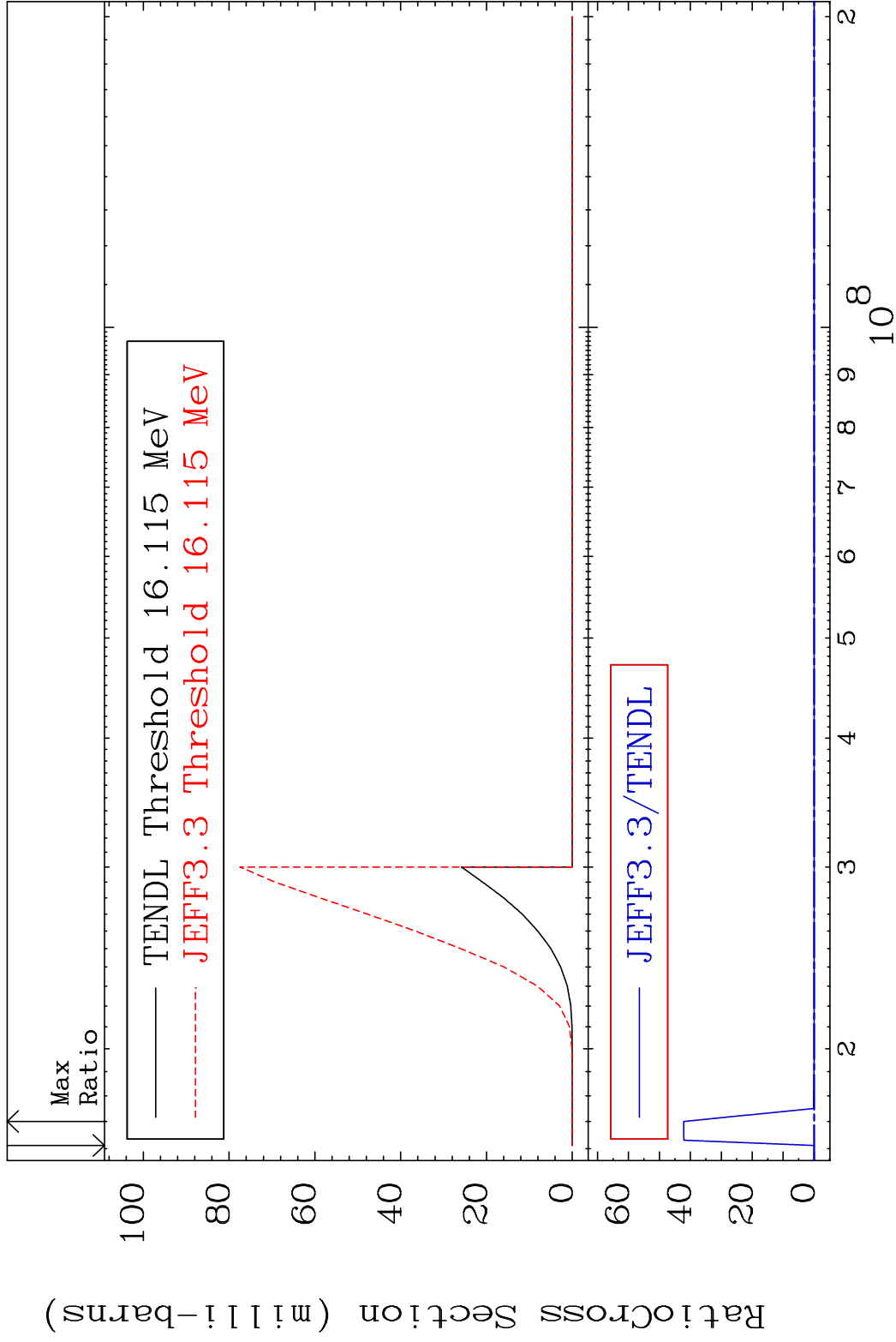


MAT 4737

(n,2n) p

47-Ag-111

Cross Section -100.0 To 9999. %

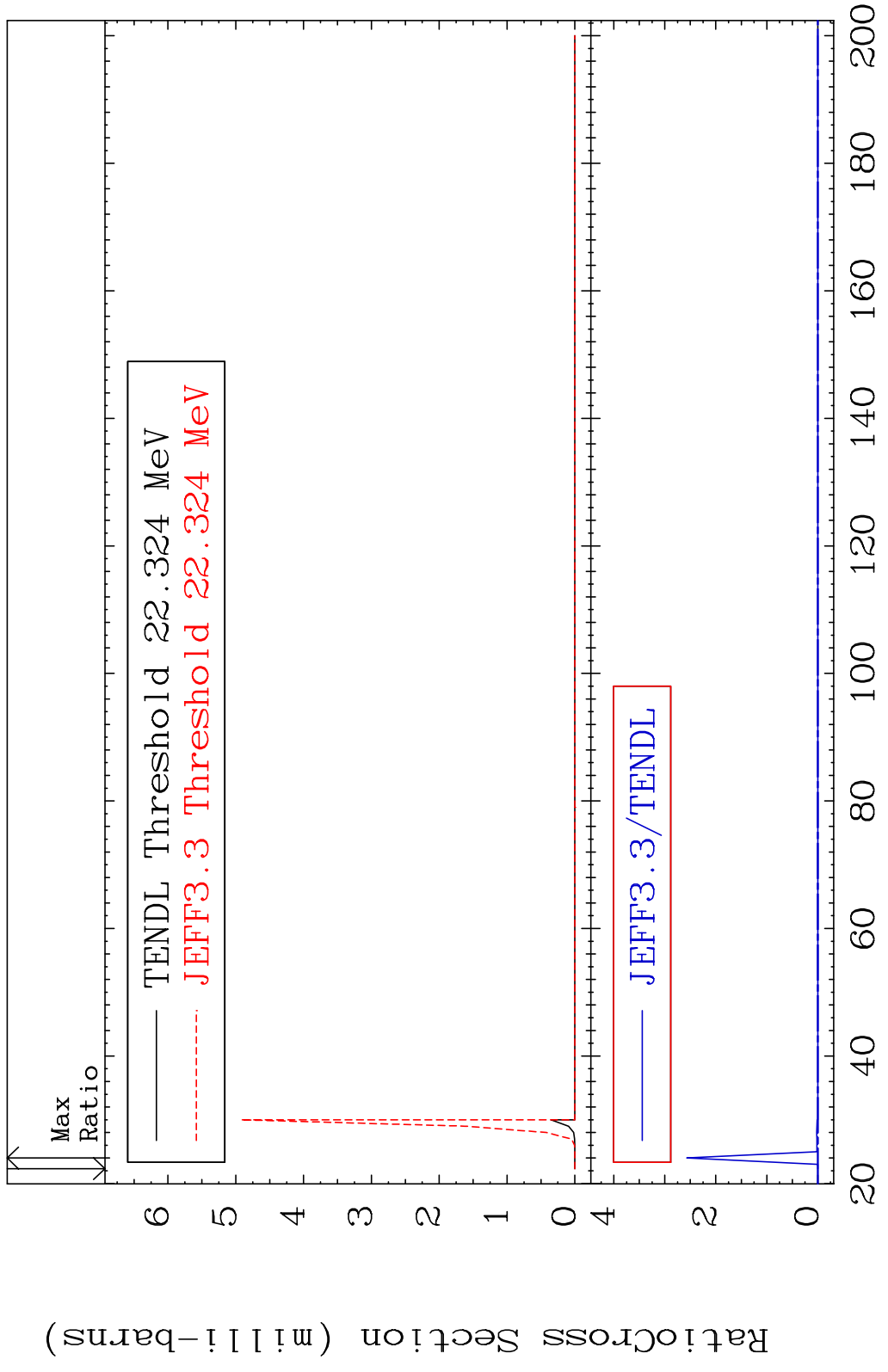


16

Incident Energy (eV)

47-Ag-111

MAT 4737 (n,3n) p 47-Ag-111
 Cross Section -100.0 To 9999. %

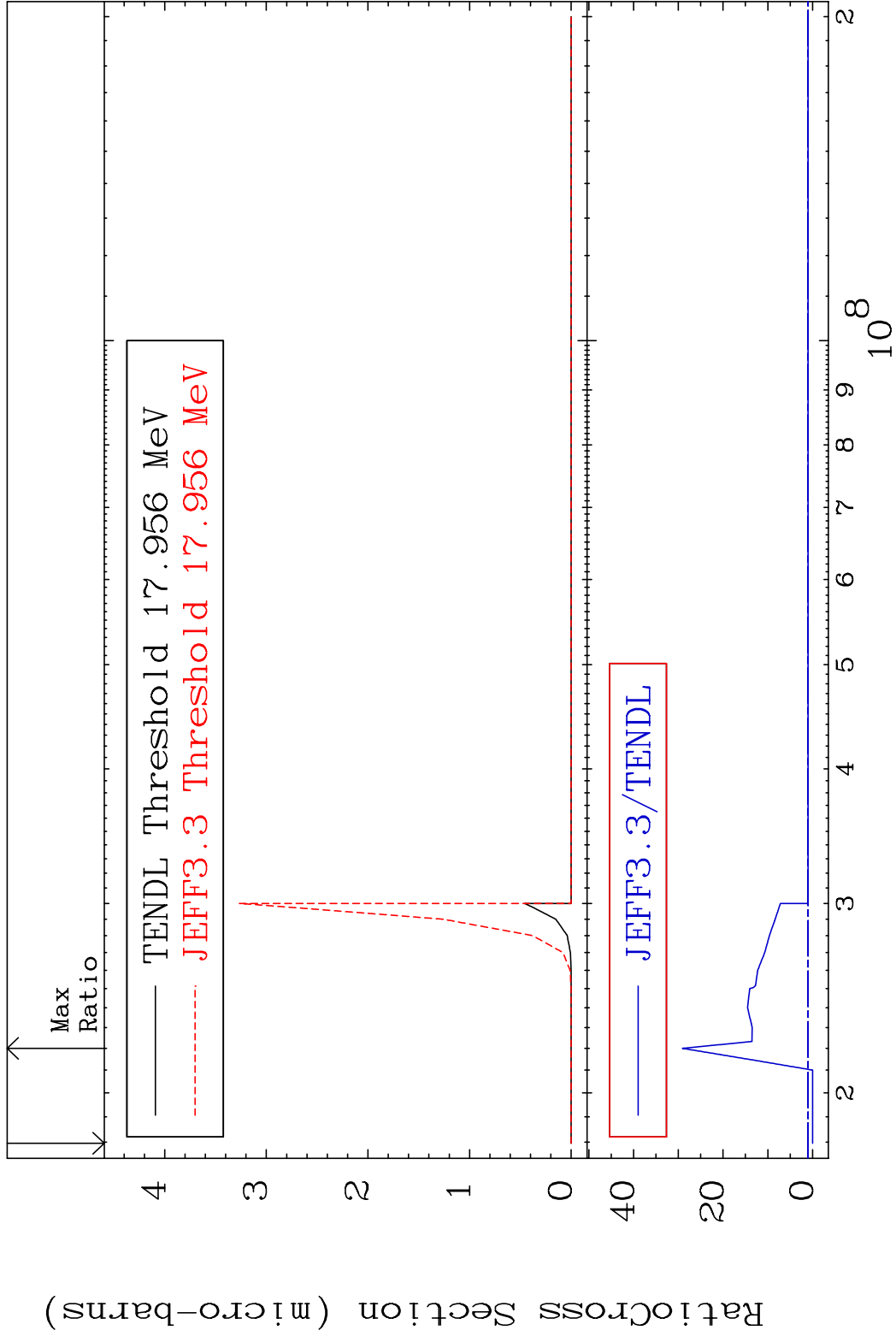


MAT 4737

(n,2n) p

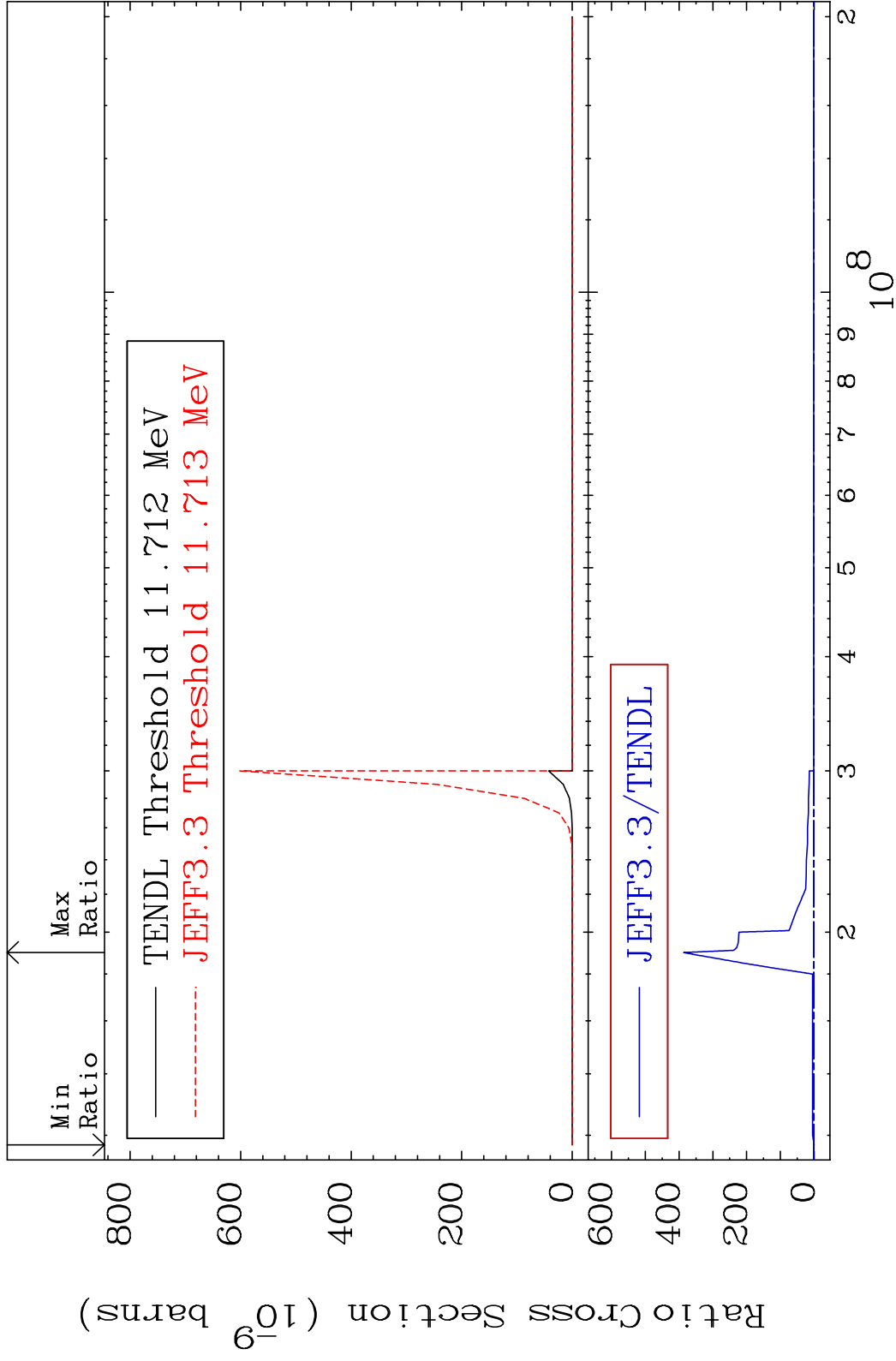
47-Ag-111

Cross Section -100.0 To 2809. %

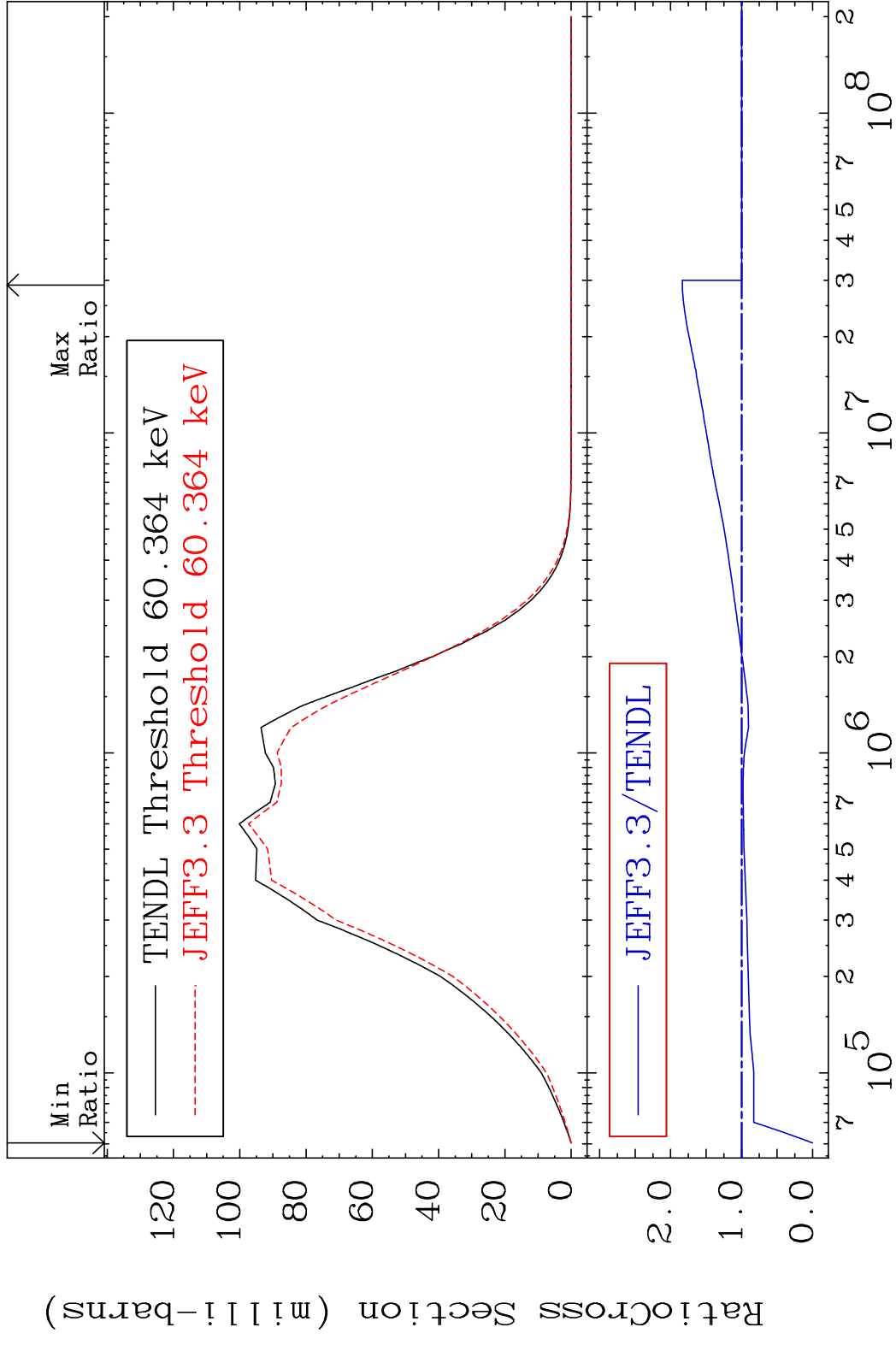


MAT 4737

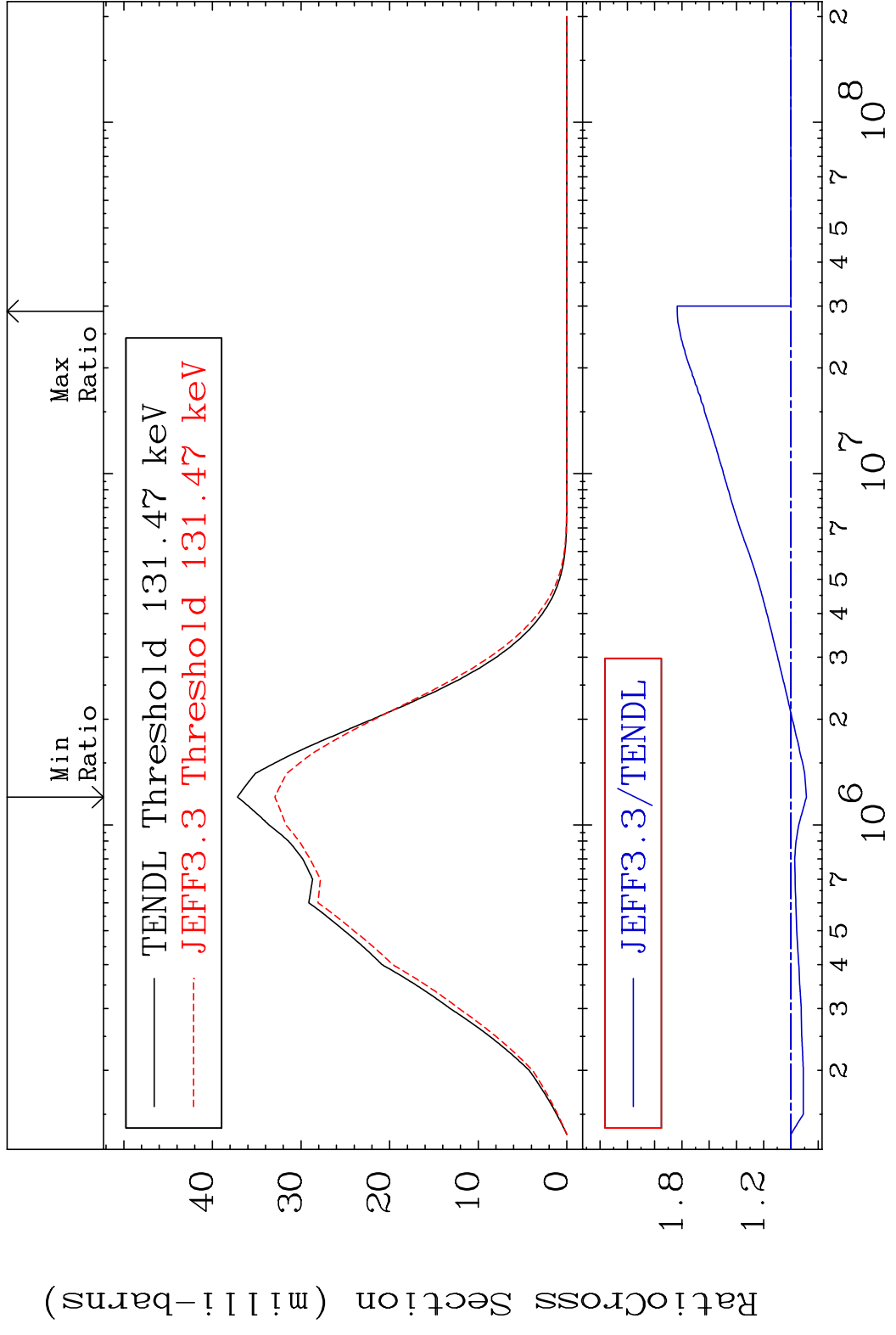
(n,n') p α 47-Ag-111
Cross Section -100.0 To 9999. %



MAT 4737 MT= 51 (n,n') Level 47-Ag-111
 Cross Section -100.0 To 83.46 %



MAT 4737 MT= 52 (n, n') Level 47-Ag-111
 Cross Section -11.34 To 83.44 %

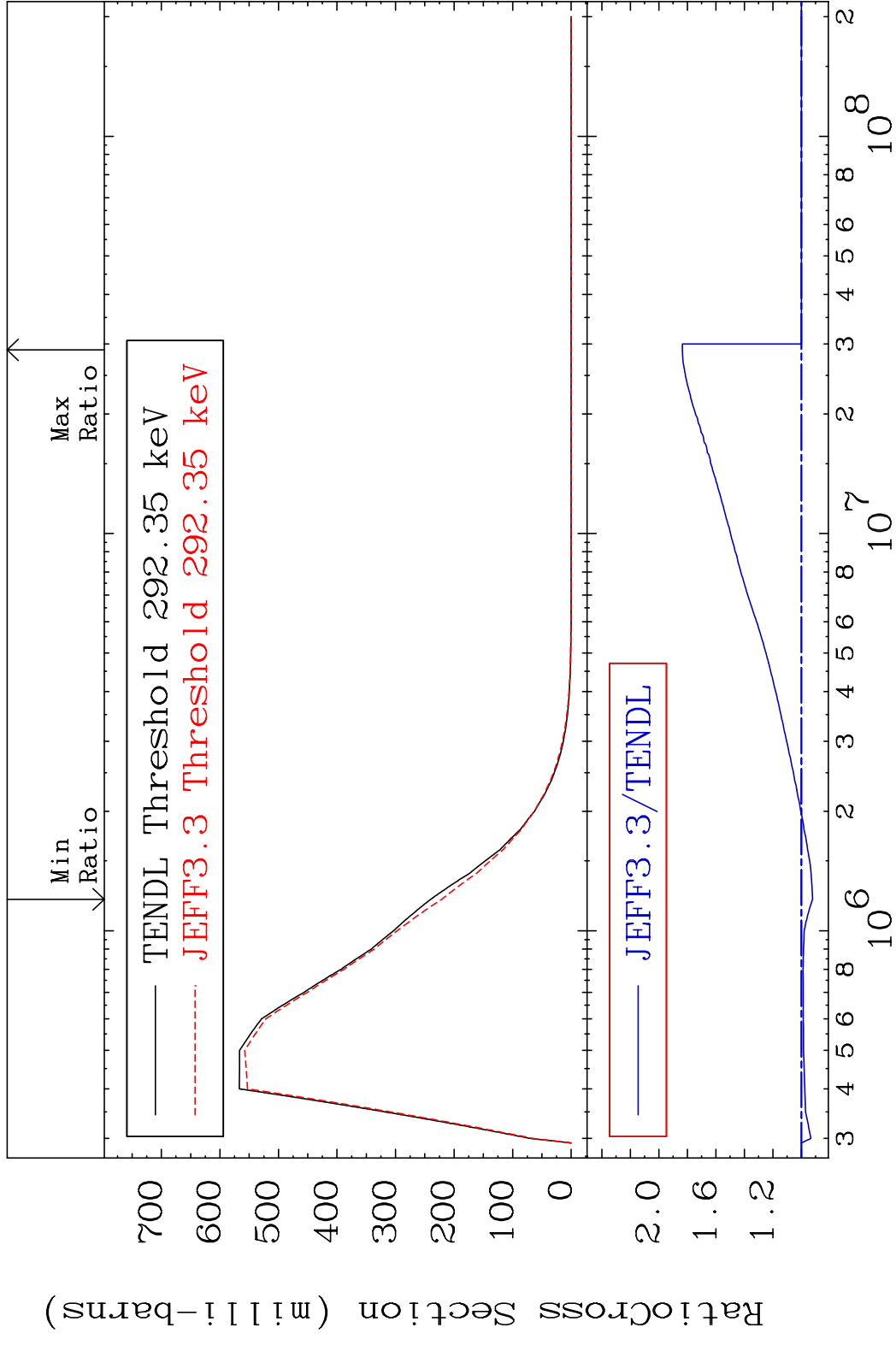


MAT 4737

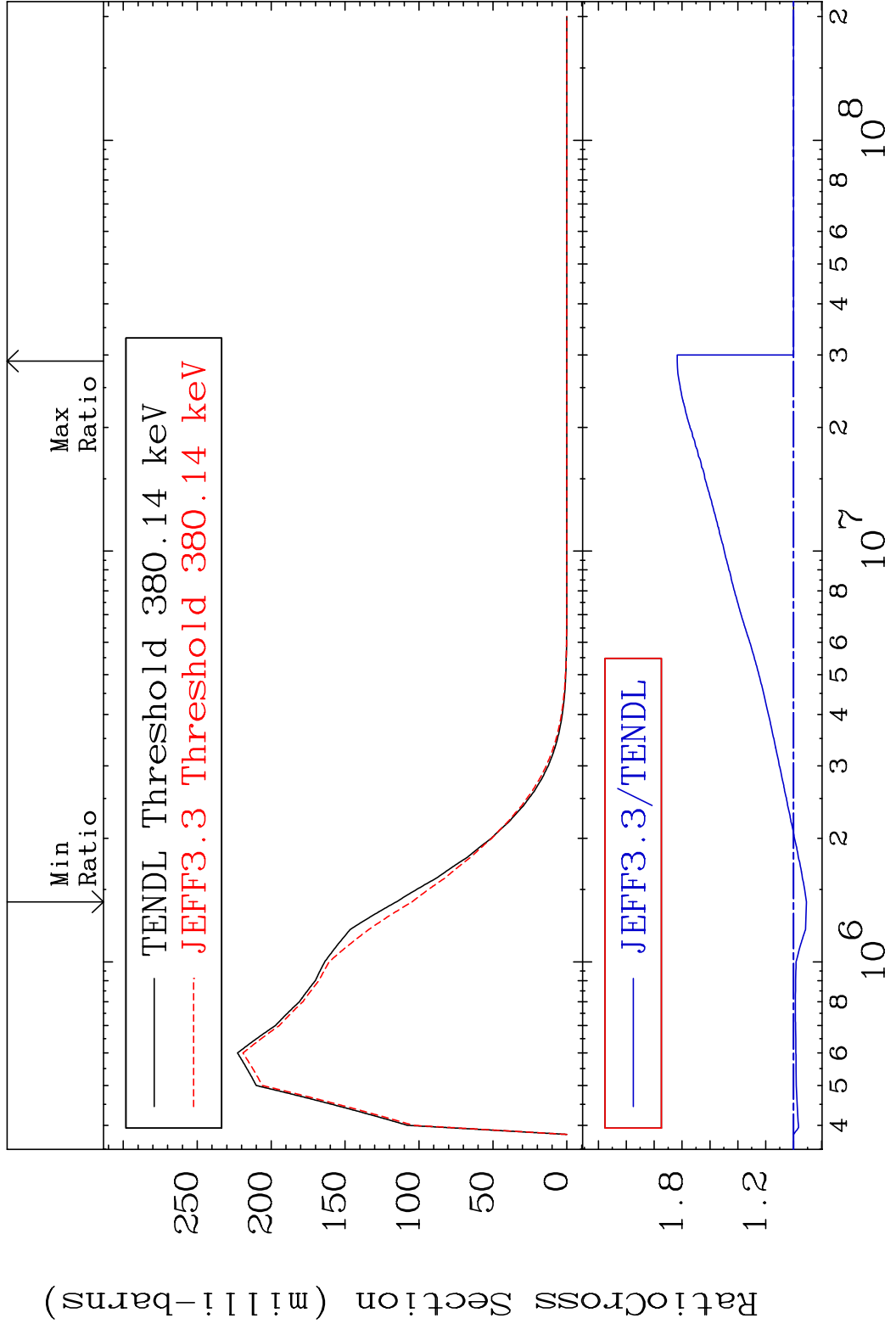
MT= 53 (n, n') Level

47-Ag-111

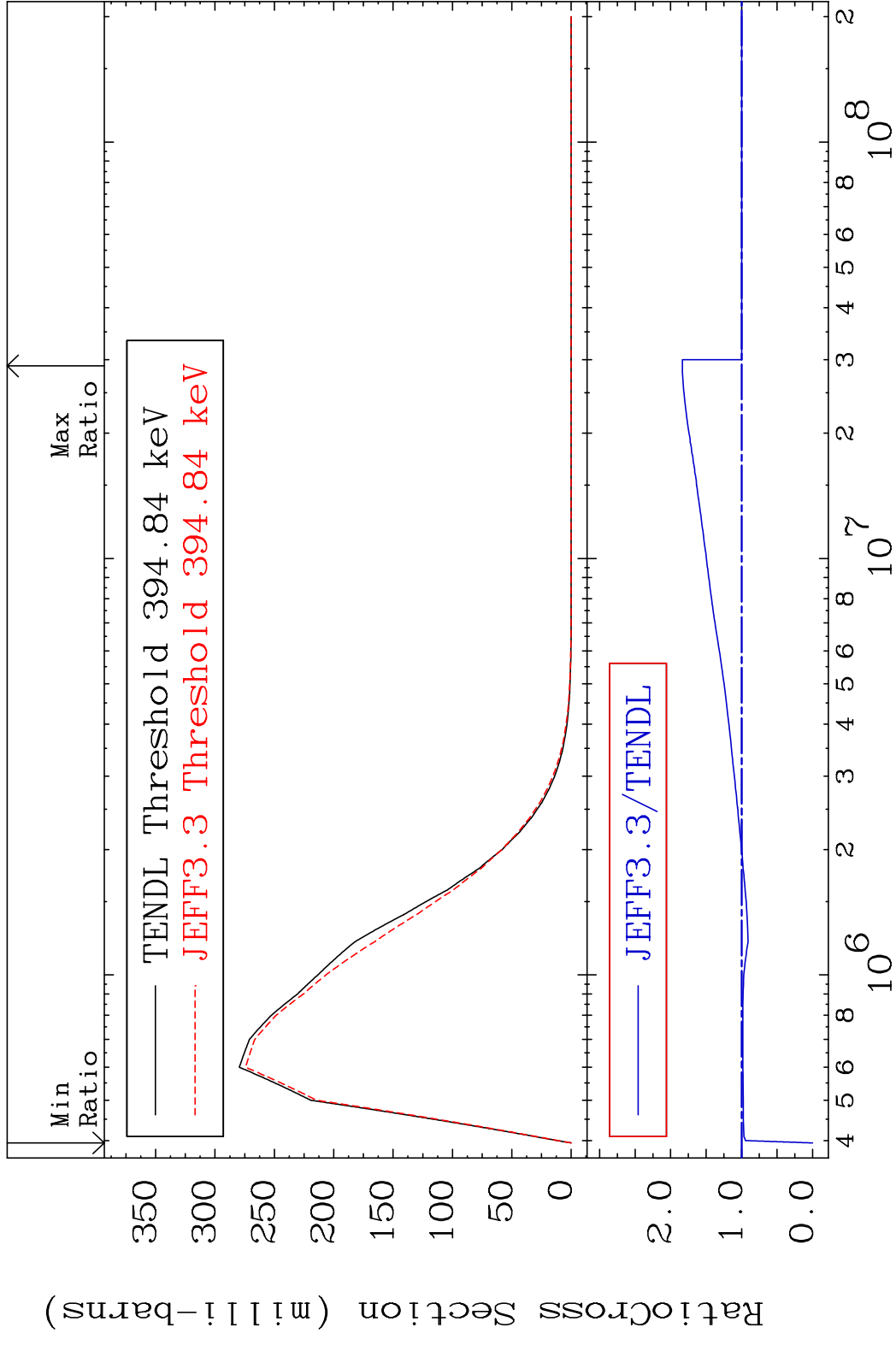
Cross Section -7.870 To 83.48 %



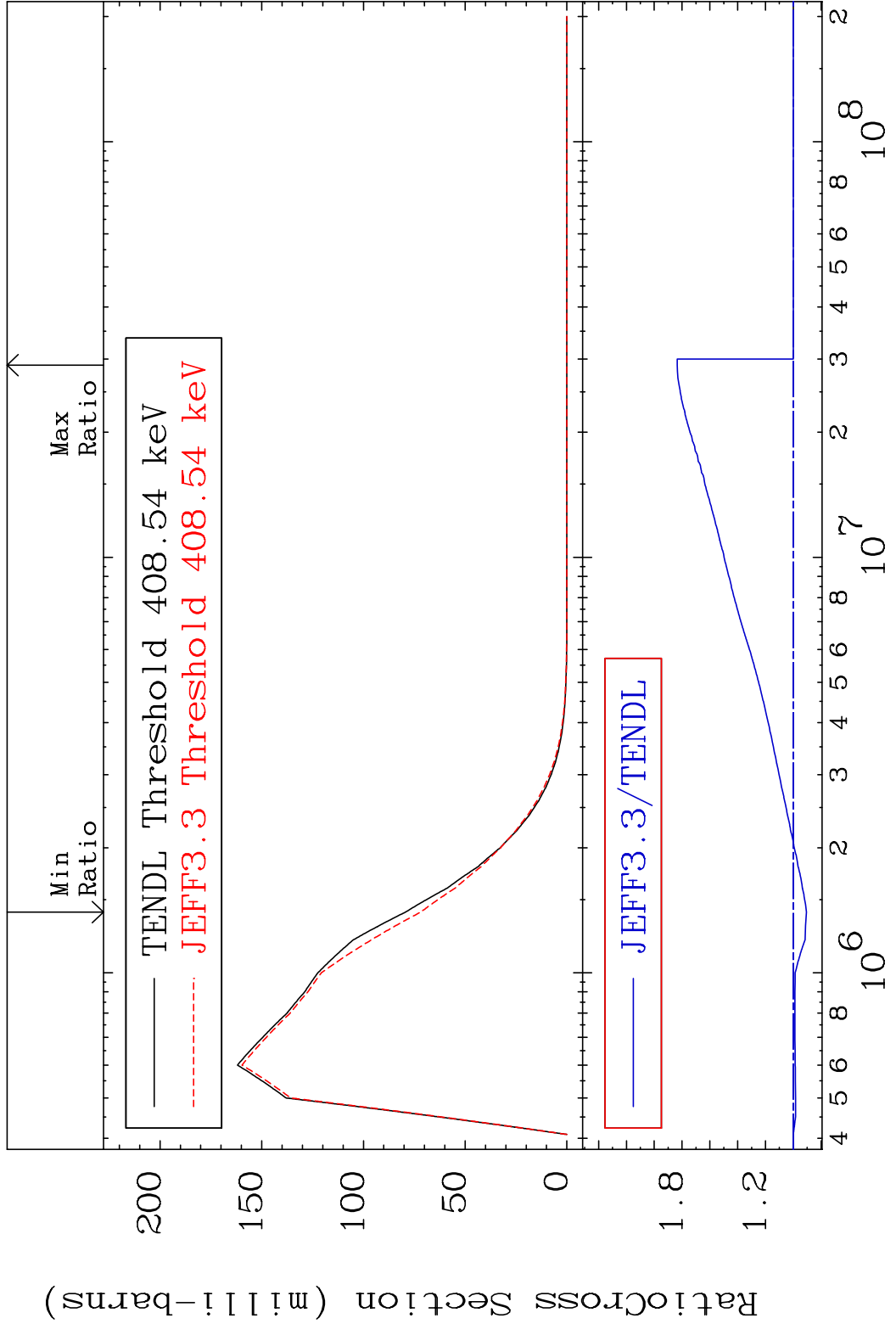
MAT 4737 MT= 54 (n, n') Level 47-Ag-111
 Cross Section -9.170 To 83.48 %



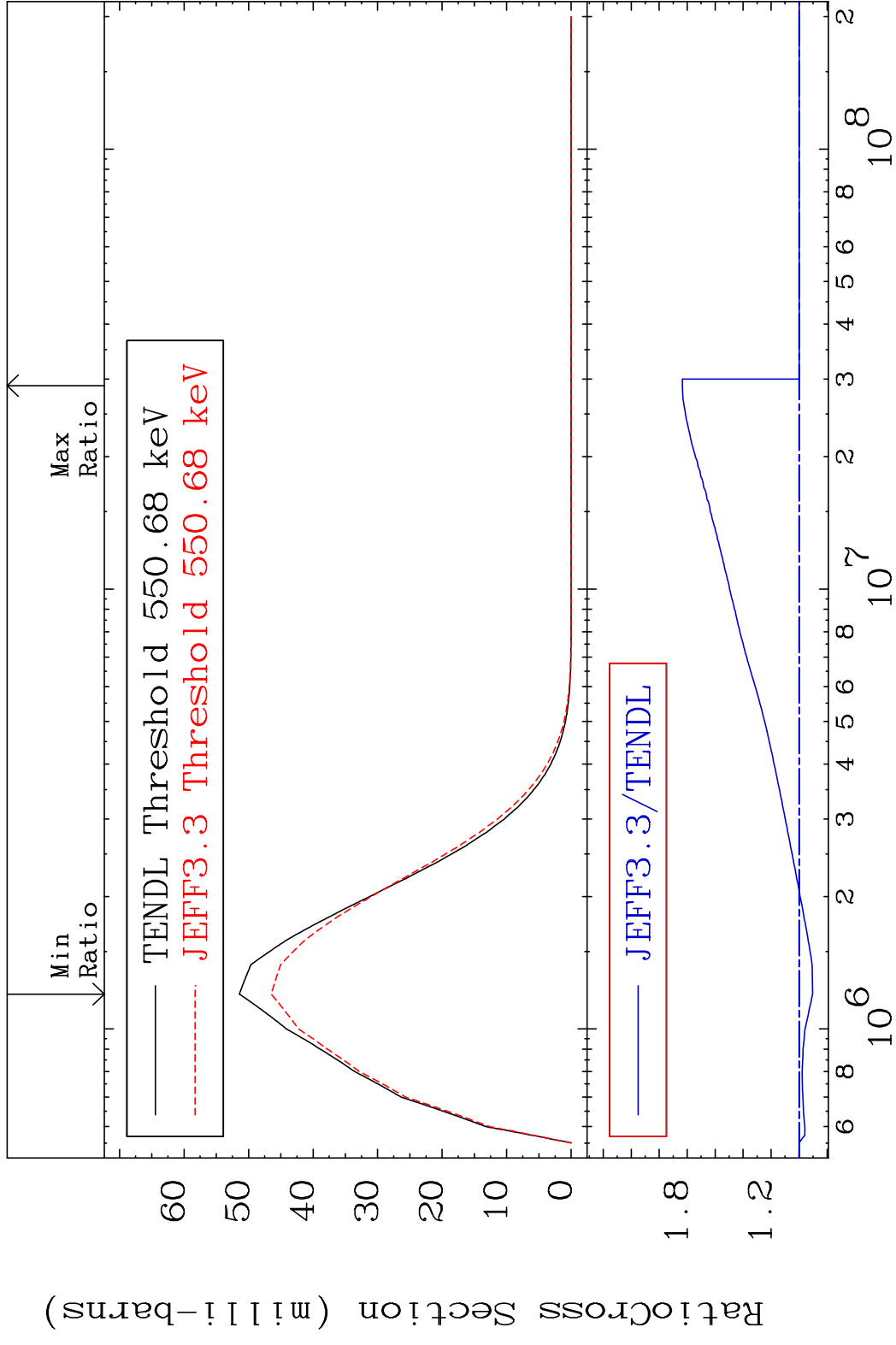
MAT 4737 MT= 55 (n,n') Level 47-Ag-111
 Cross Section -100.0 To 83.47 %



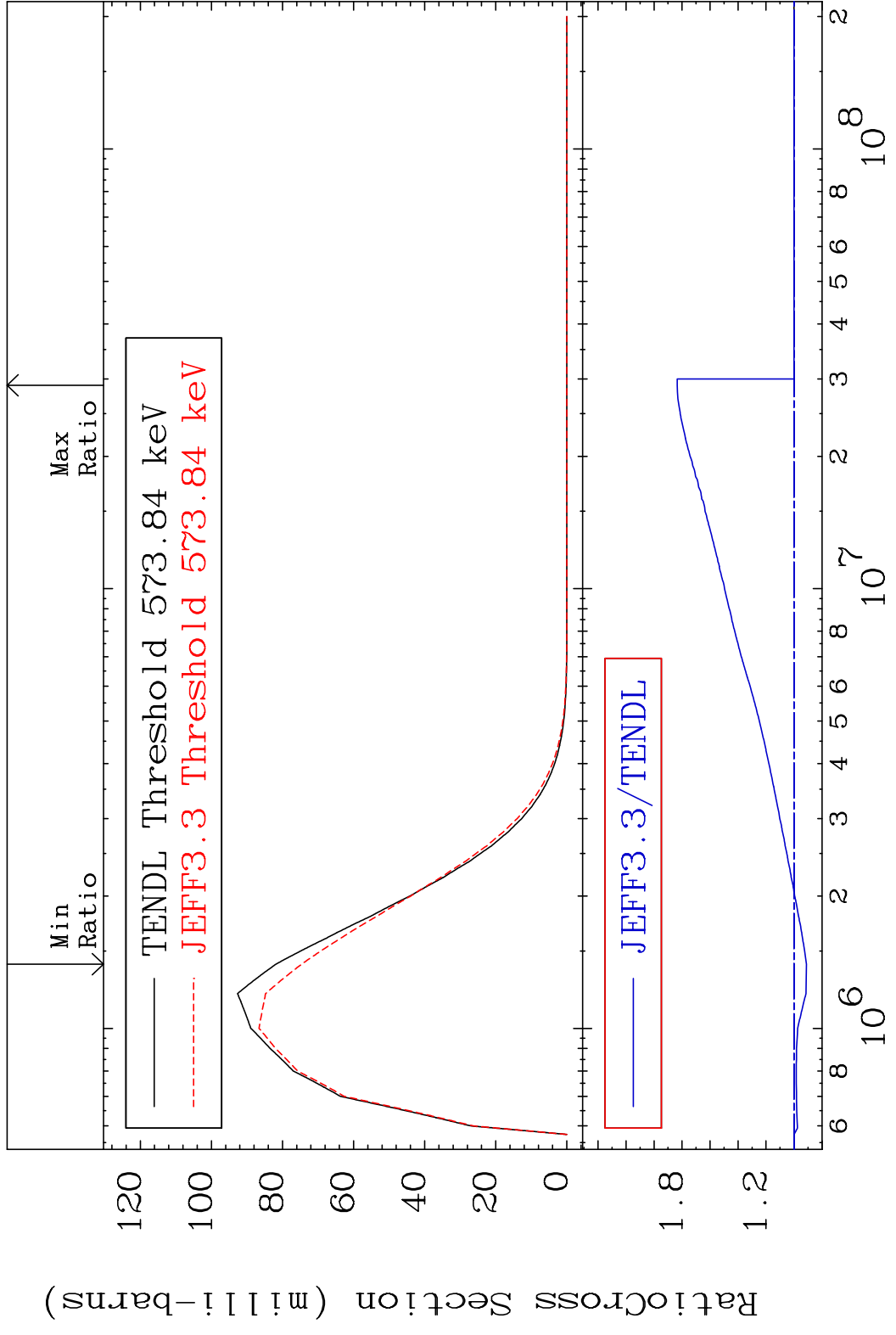
MAT 4737 MT= 56 (n,n') Level 47-Ag-111
 Cross Section -9.414 To 83.50 %



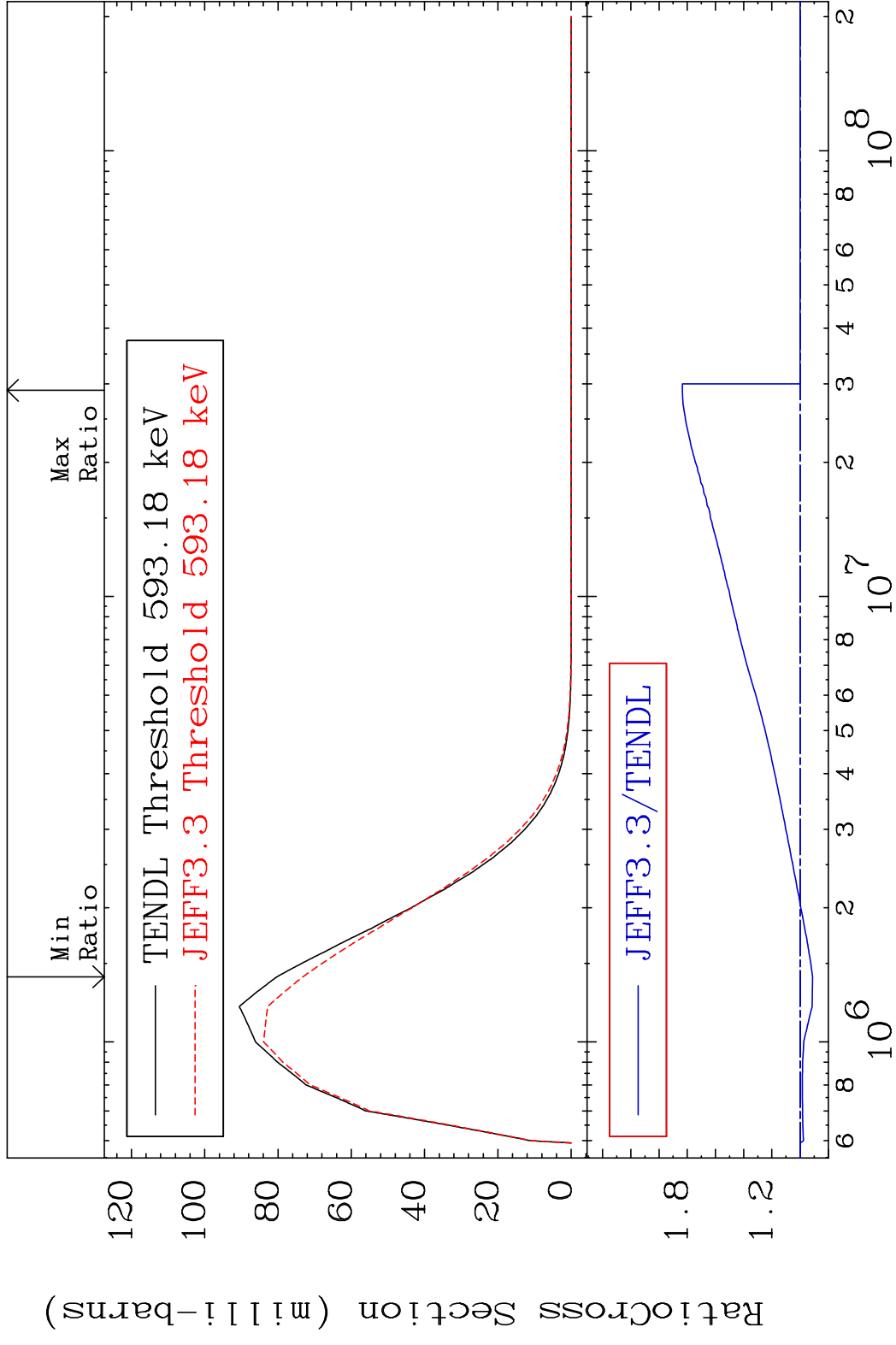
MAT 4737 MT= 57 (n, n') Level 47-Ag-111
 Cross Section -9.610 To 83.46 %



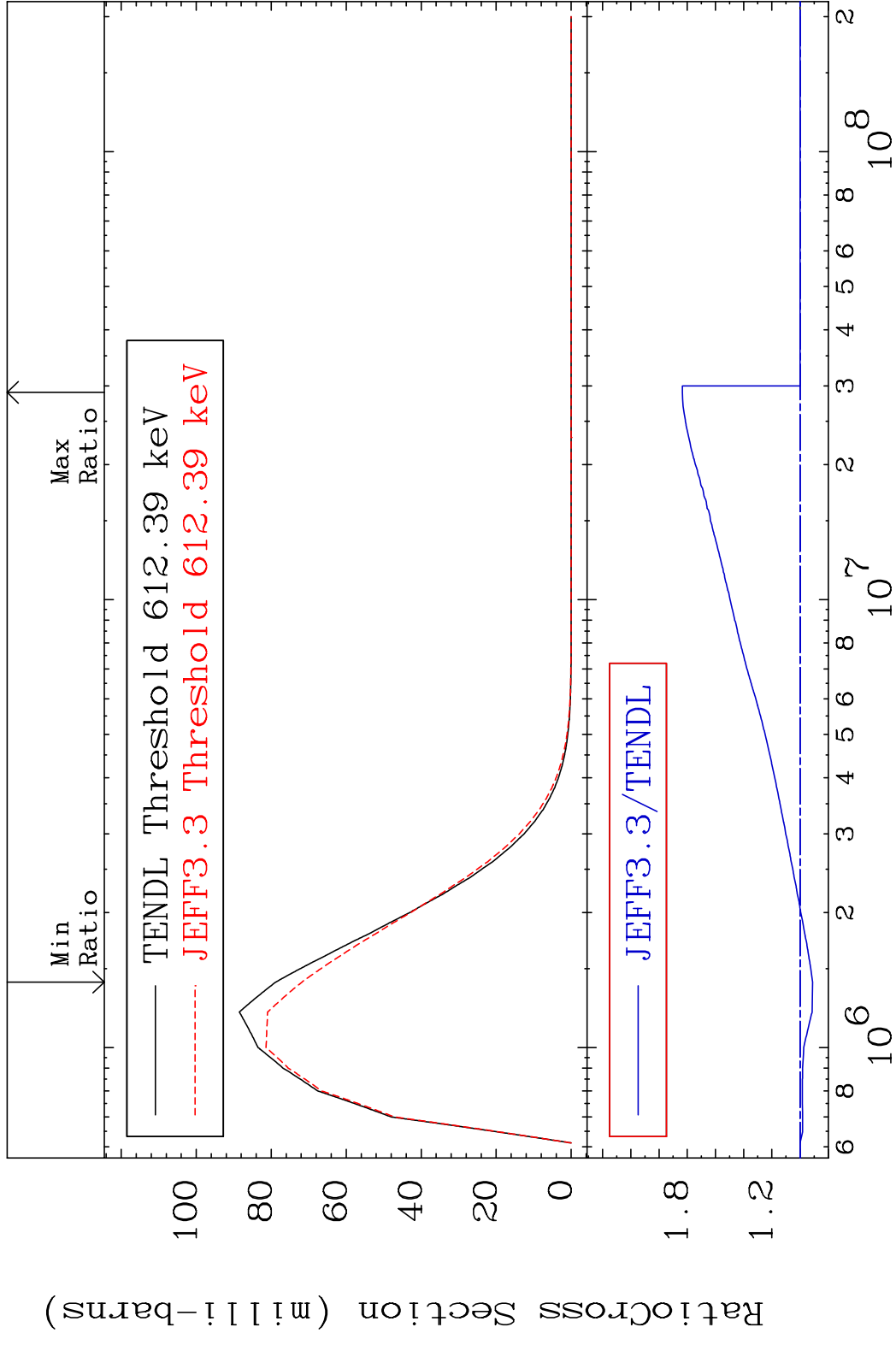
MAT 4737 MT= 58 (n, n') Level 47-Ag-111
 Cross Section -8.845 To 83.47 %



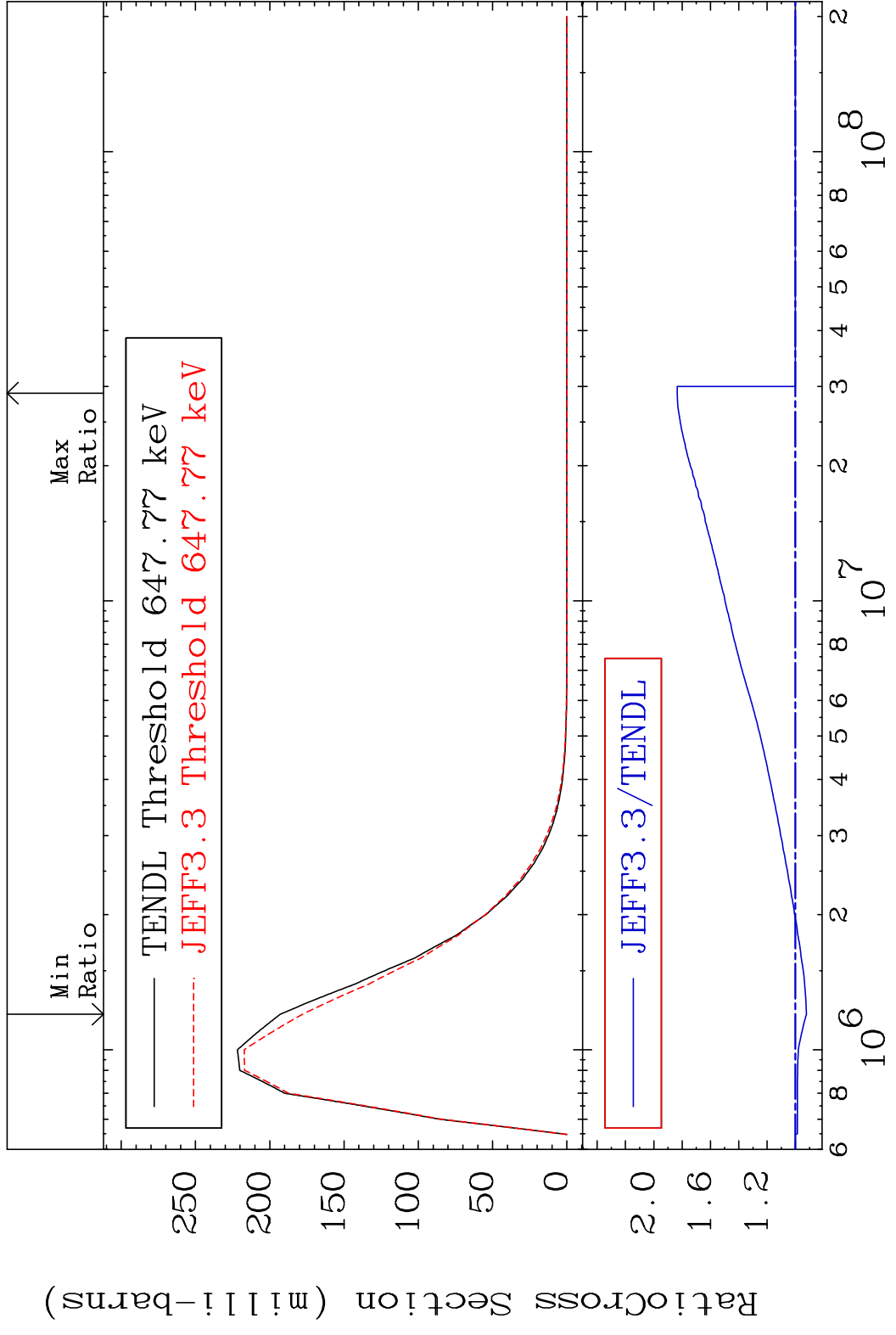
MAT 4737 MT= 59 (n, n') Level 47-Ag-111
 Cross Section -8.853 To 83.47 %



MAT 4737 MT= 60 (n, n') Level 47-Ag-111
 Cross Section -8.861 To 83.47 %

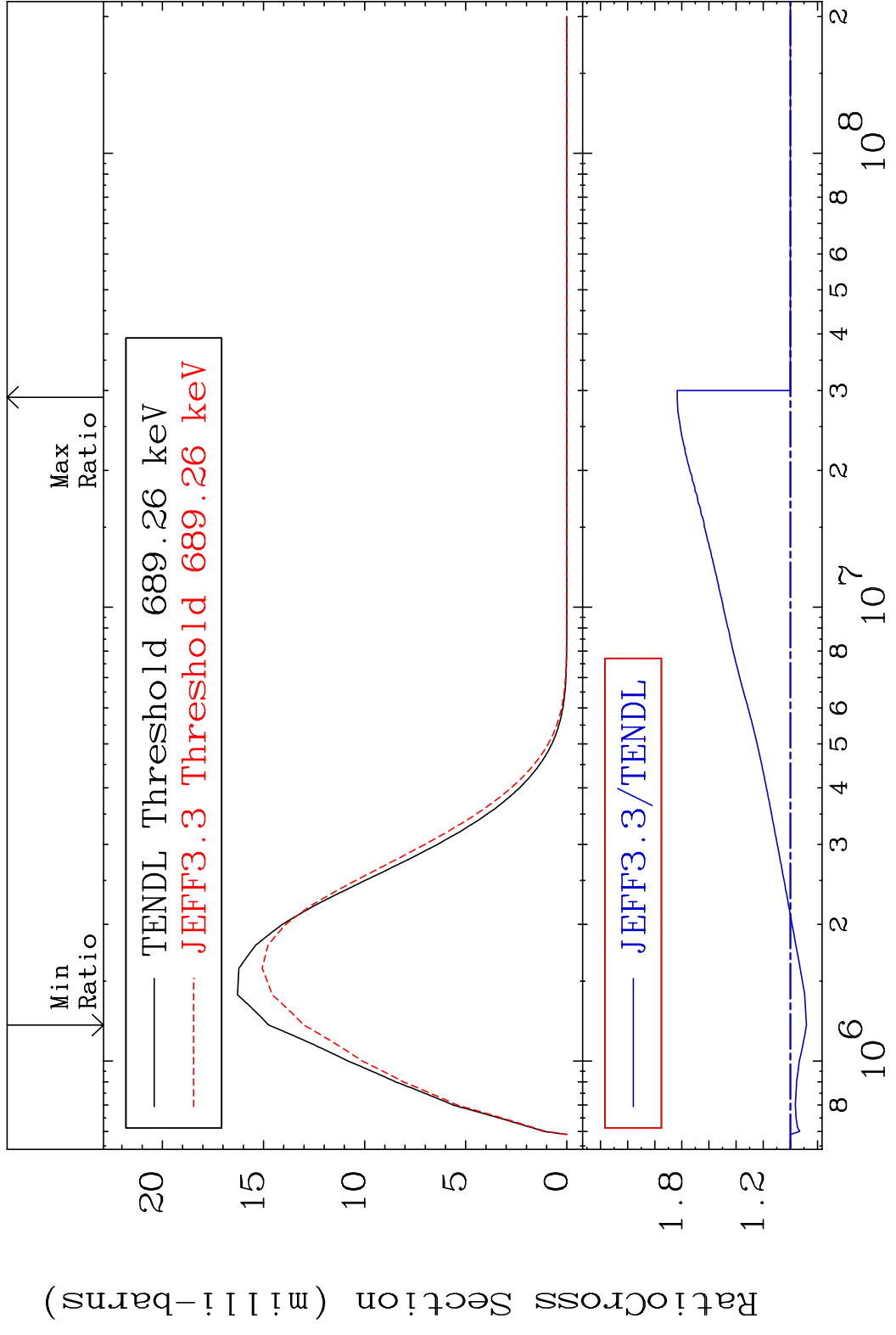


MAT 4737 MT= 61 (n,n') Level 47-Ag-111
 Cross Section -7.756 To 83.49 %

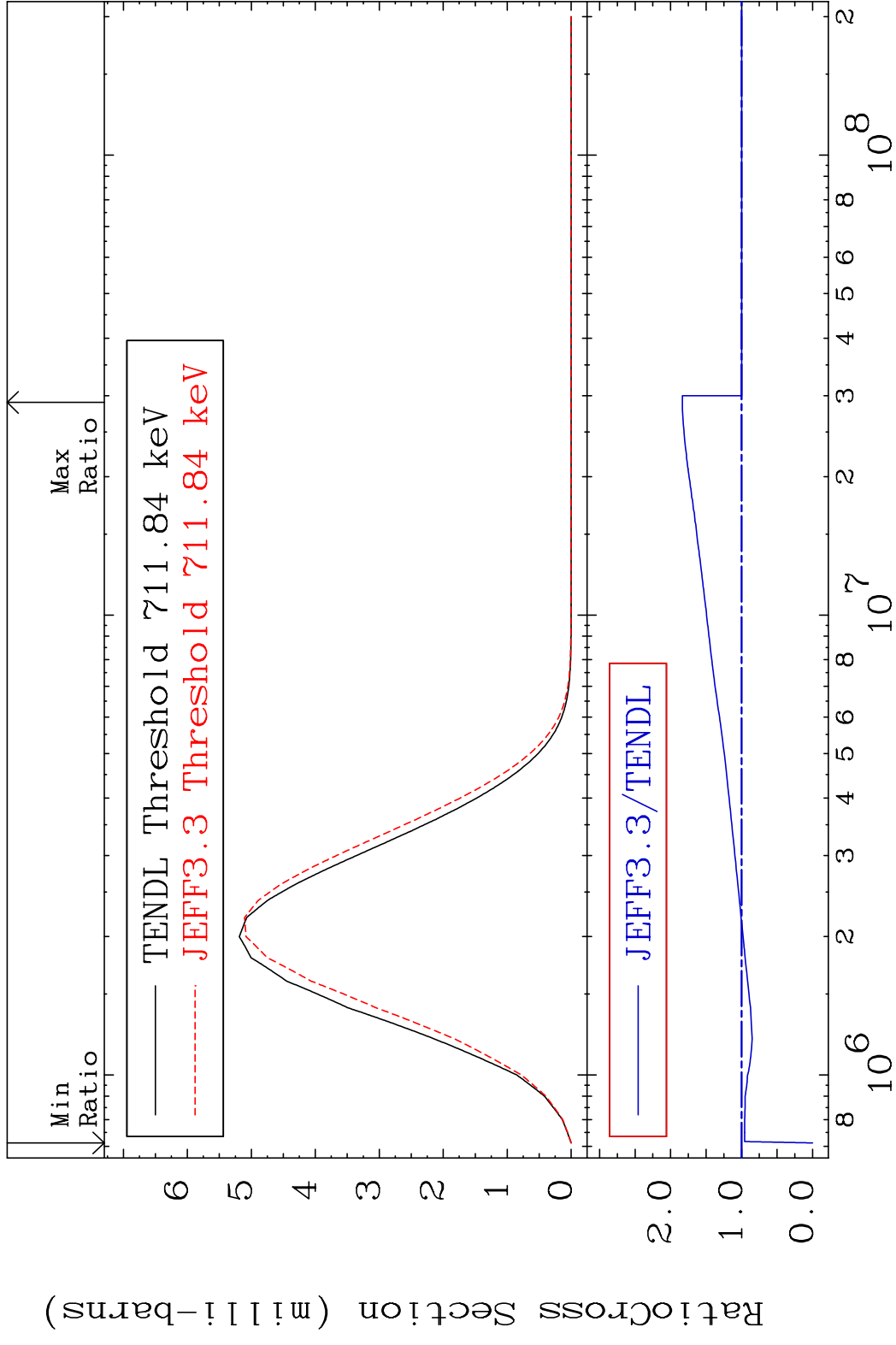


30 Incident Energy (eV) 47-Ag-111

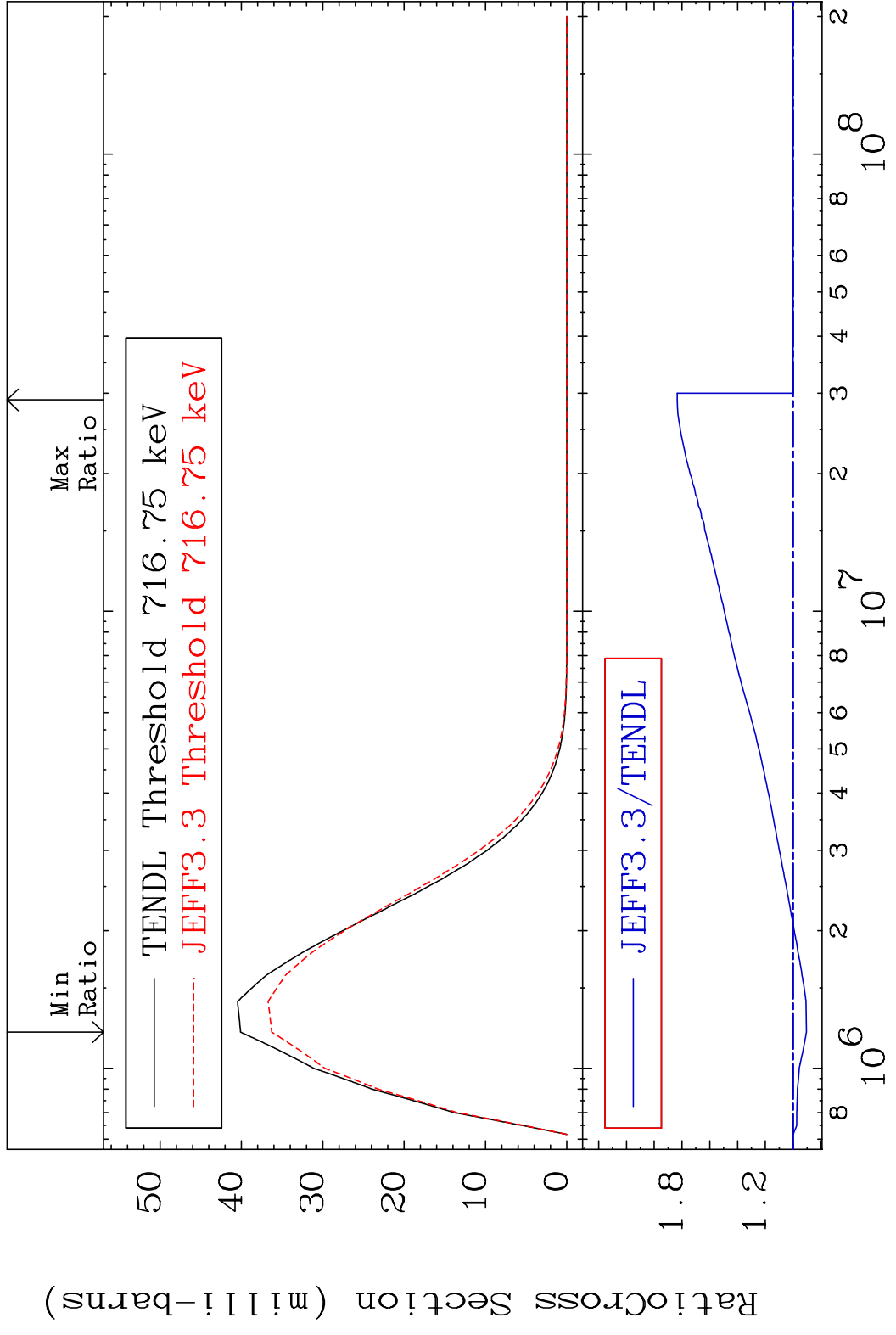
MAT 4737 MT= 62 (n, n') Level 47-Ag-111
 Cross Section -11.78 To 83.44 %



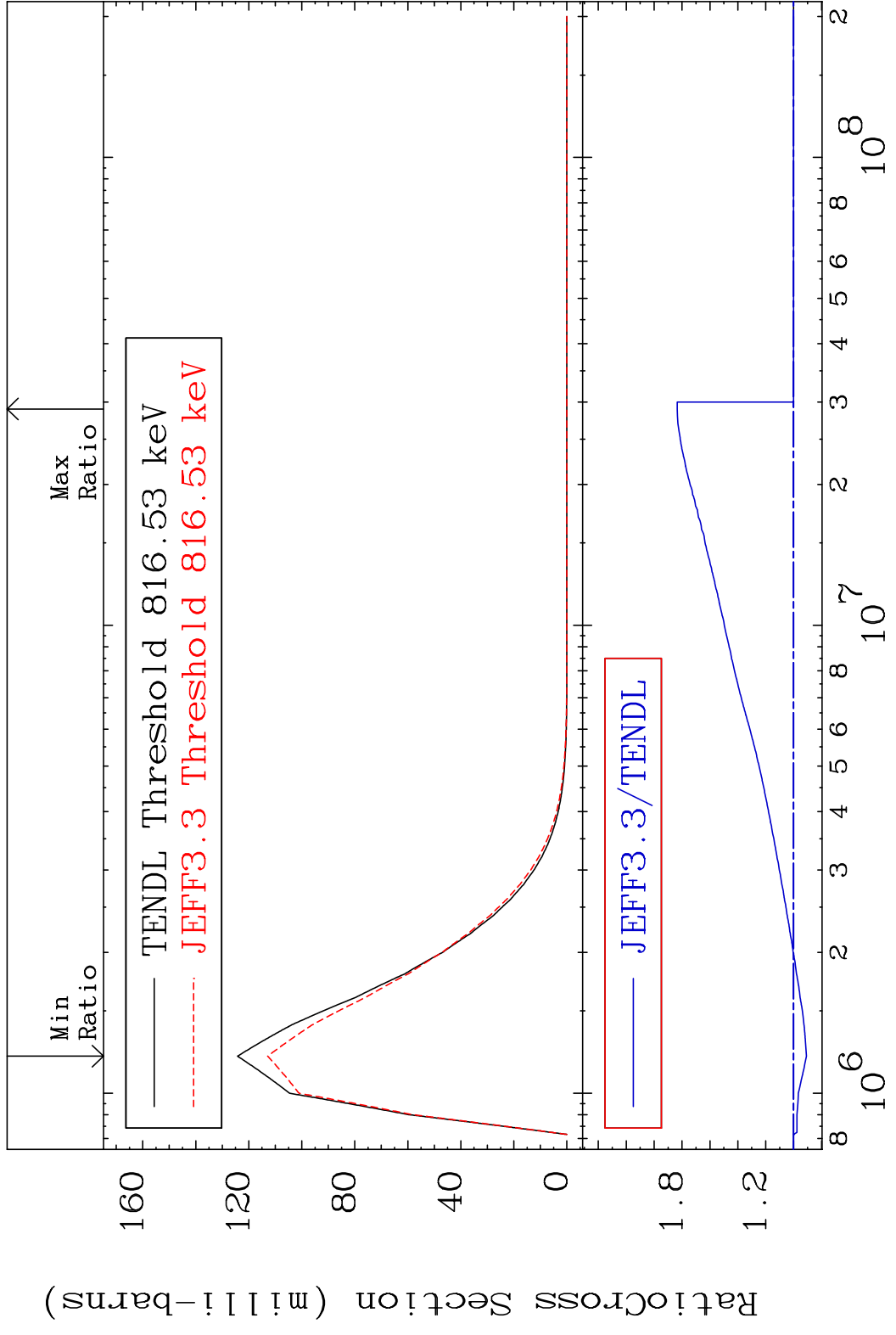
MAT 4737 MT= 63 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 83.42 %



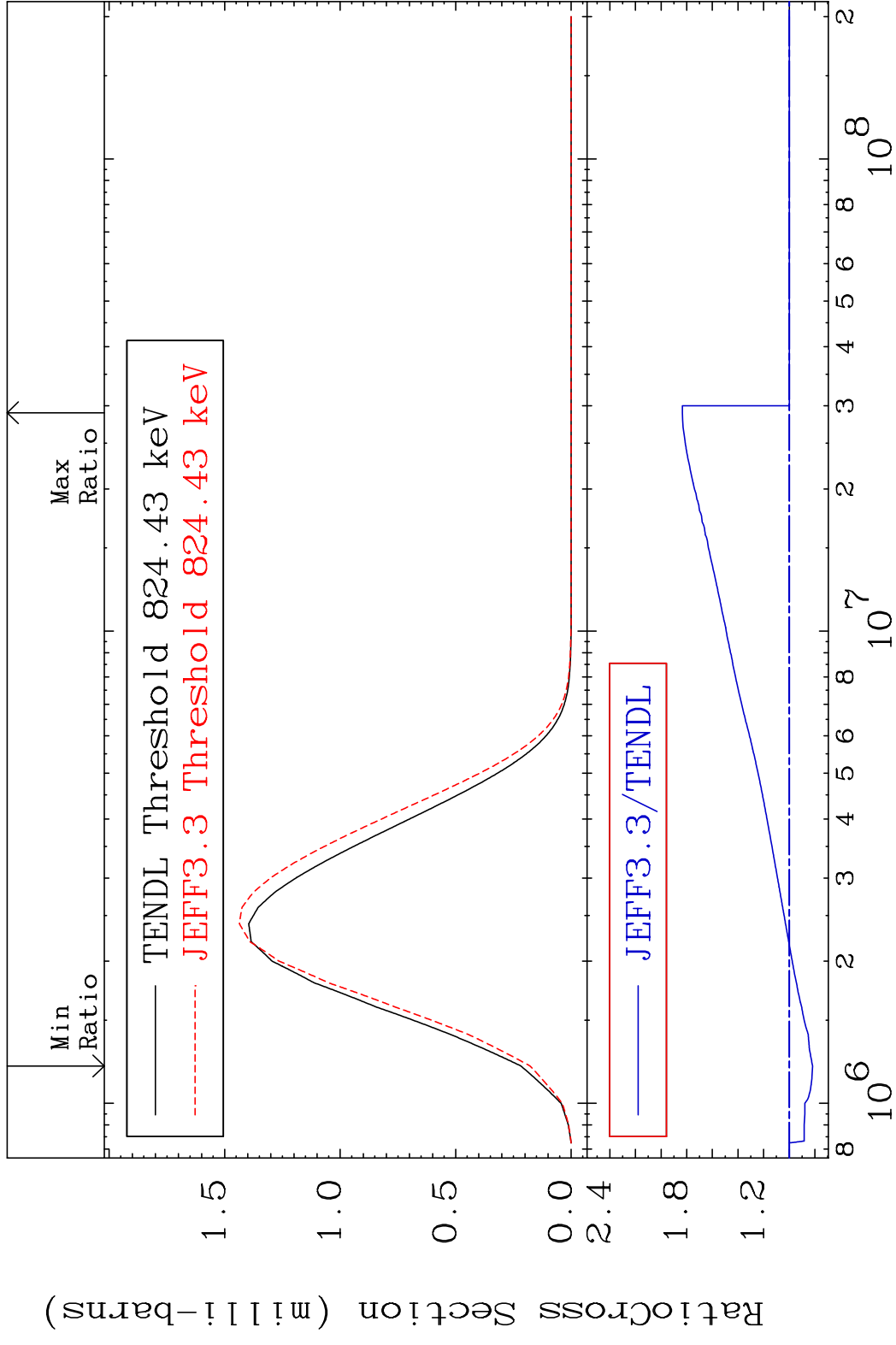
MAT 4737 MT= 64 (n, n') Level 47-Ag-111
 Cross Section -9.552 To 83.46 %



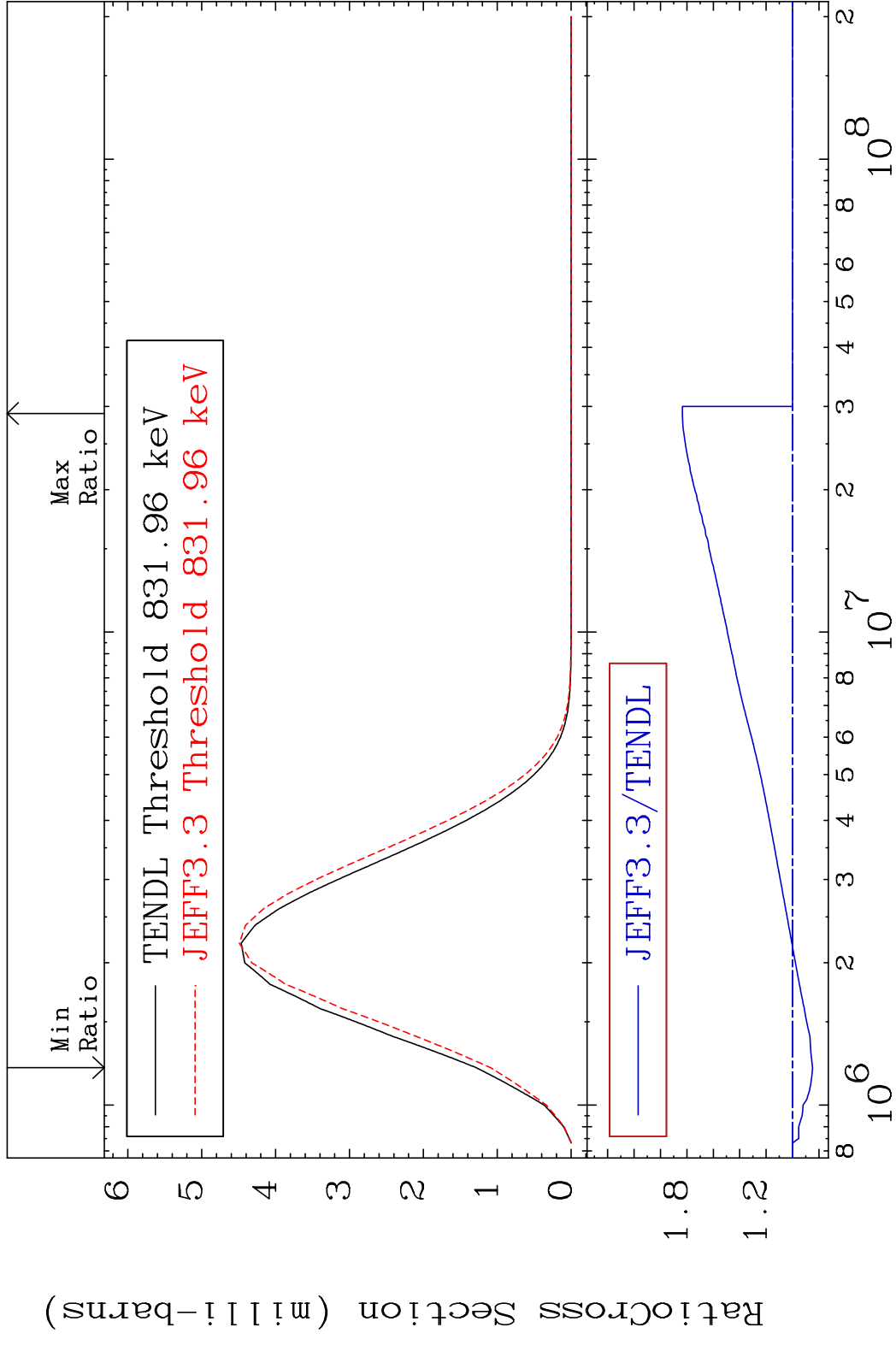
MAT 4737 MT= 65 (n, n') Level 47-Ag-111
 Cross Section -9.157 To 83.47 %



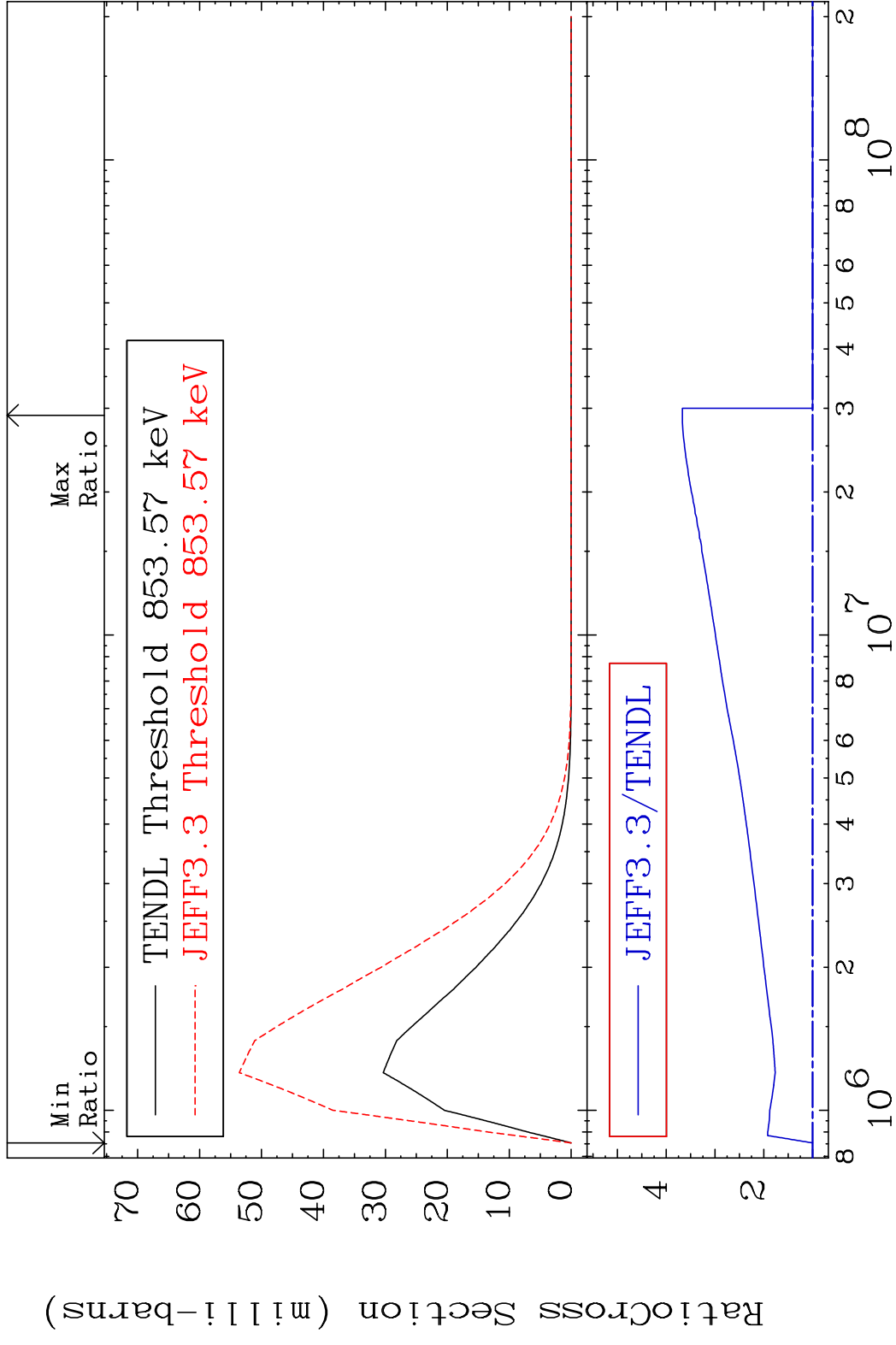
MAT 4737 MT= 66 (n, n') Level 47-Ag-111
 Cross Section -18.19 To 83.40 %



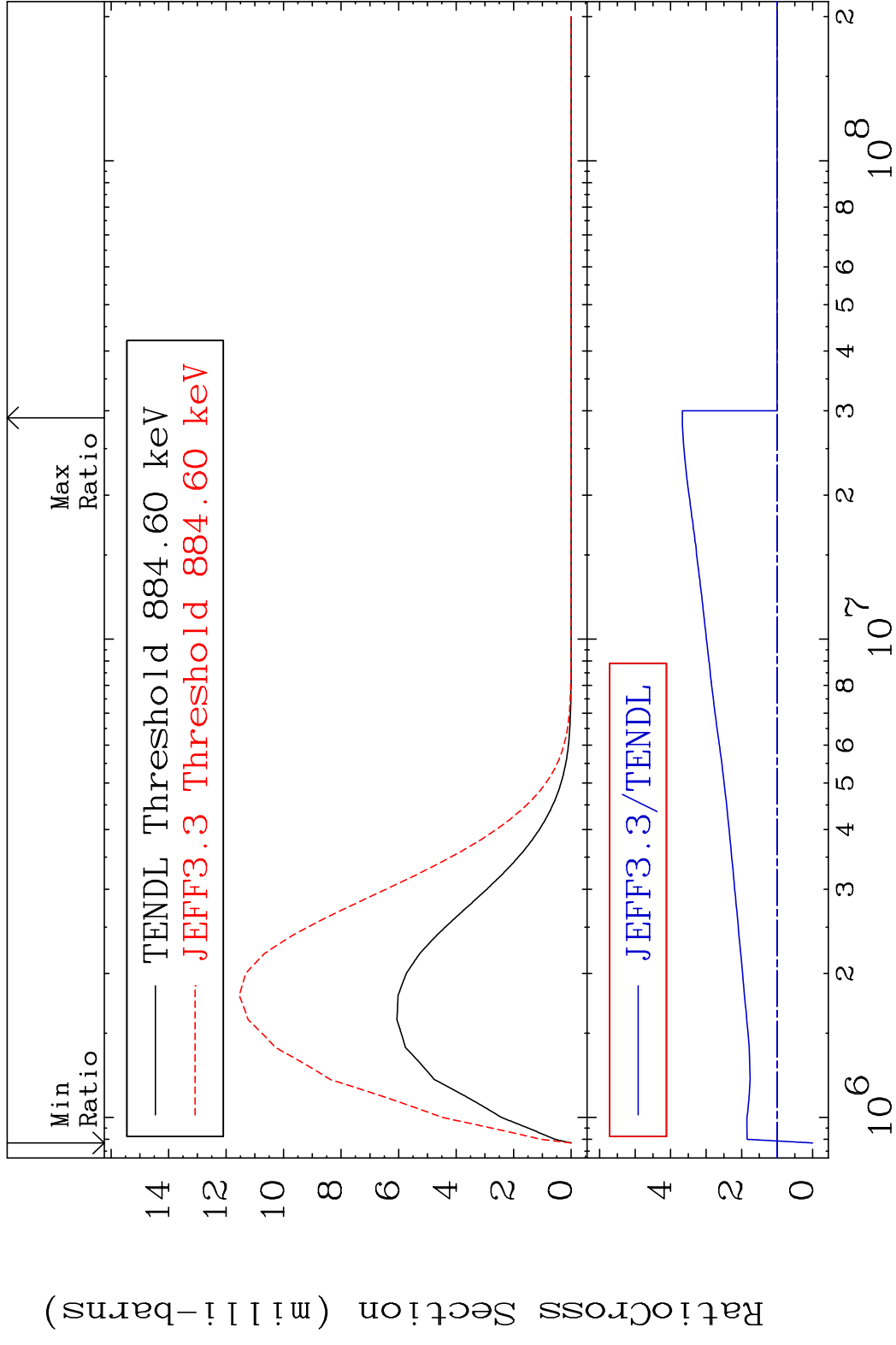
MAT 4737 MT= 67 (n, n') Level 47-Ag-111
 Cross Section -15.13 To 83.42 %



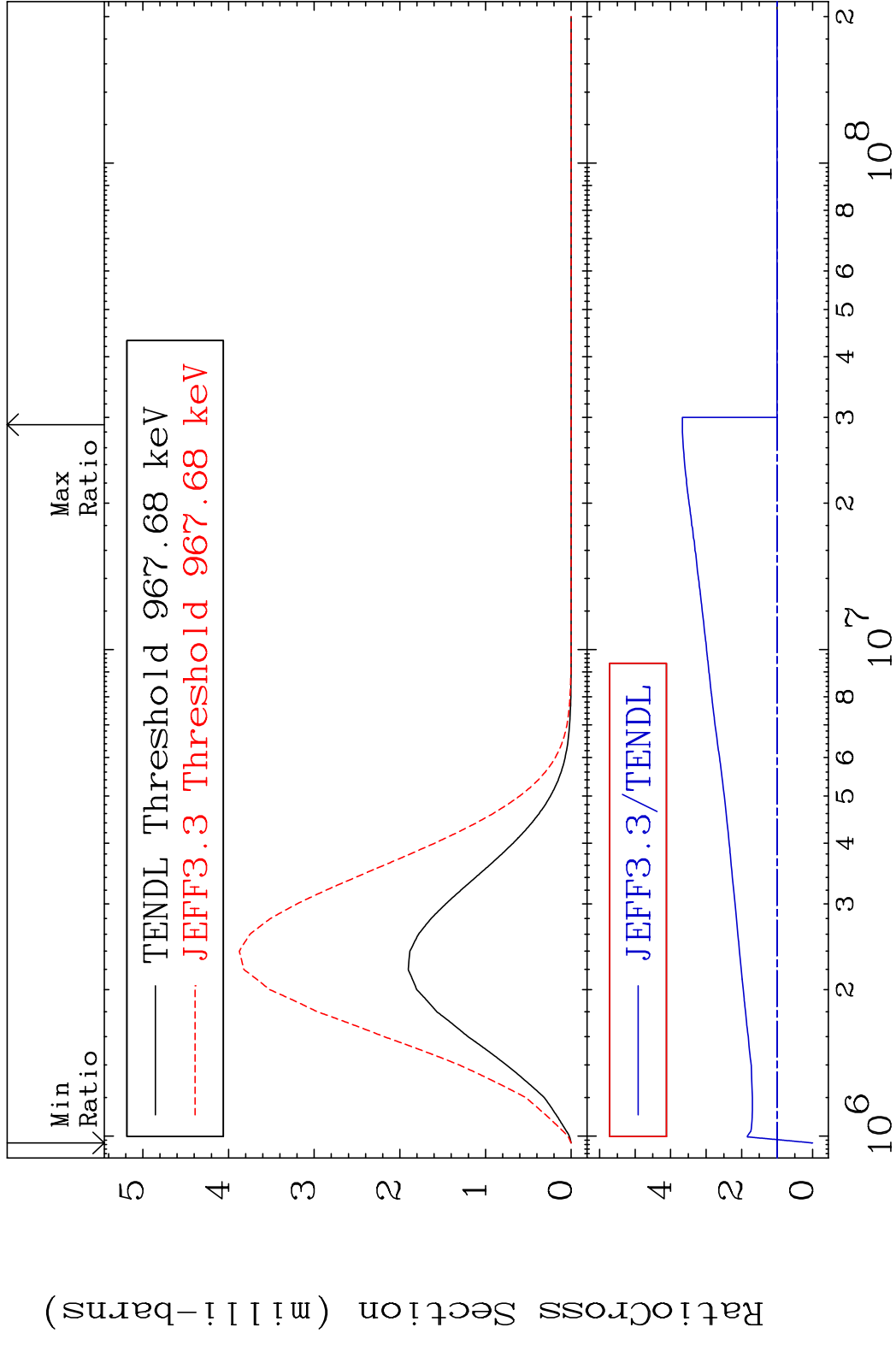
MAT 4737 MT= 68 (n, n') Level 47-Ag-111
 Cross Section 0.000 To 266.9 %



MAT 4737 MT= 69 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 266.9 %

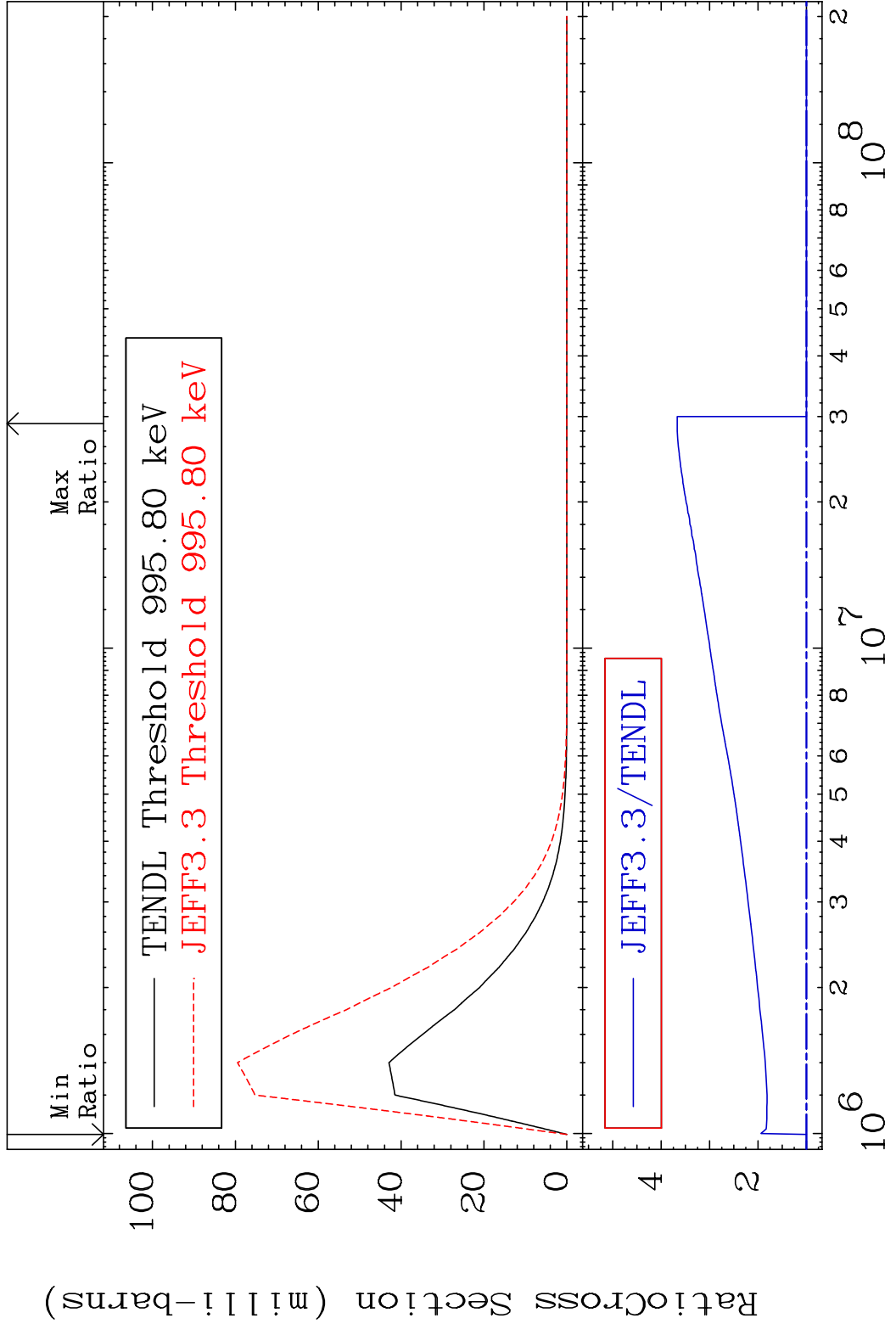


MAT 4737 MT= 70 (n, n') Level 47-Ag-111
 Cross Section -100.0 To 266.8 %



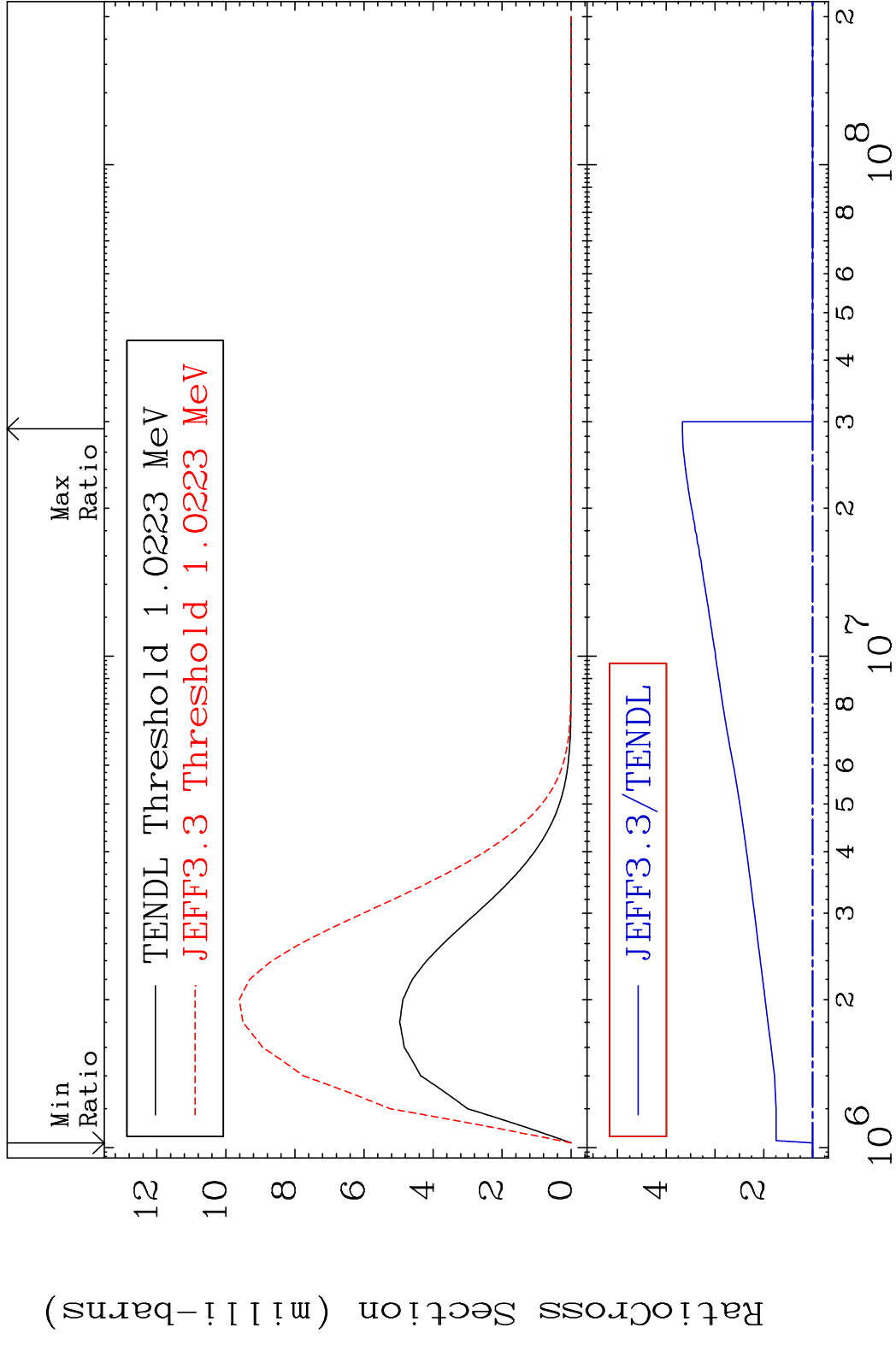
39 Incident Energy (eV) 47-Ag-111

MAT 4737 MT= 71 (n, n') Level 47-Ag-111
 Cross Section 0.000 To 267.0 %



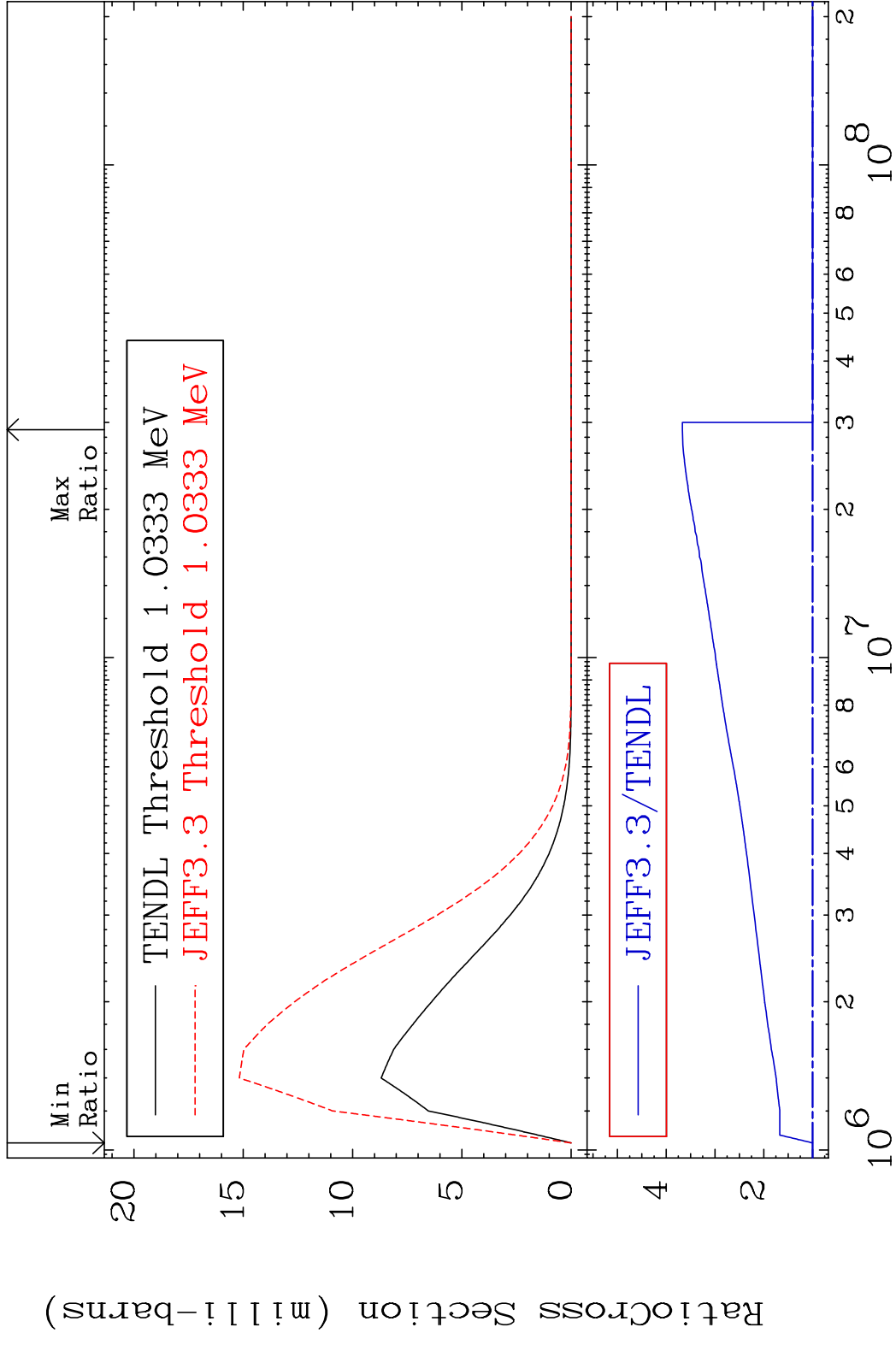
40 2 4 6 8 10⁶ 2 3 4 5 6 8 10⁸ 2 47-Ag-111

MAT 4737 MT= 72 (n, n') Level 47-Ag-111
 Cross Section 0.000 To 266.9 %



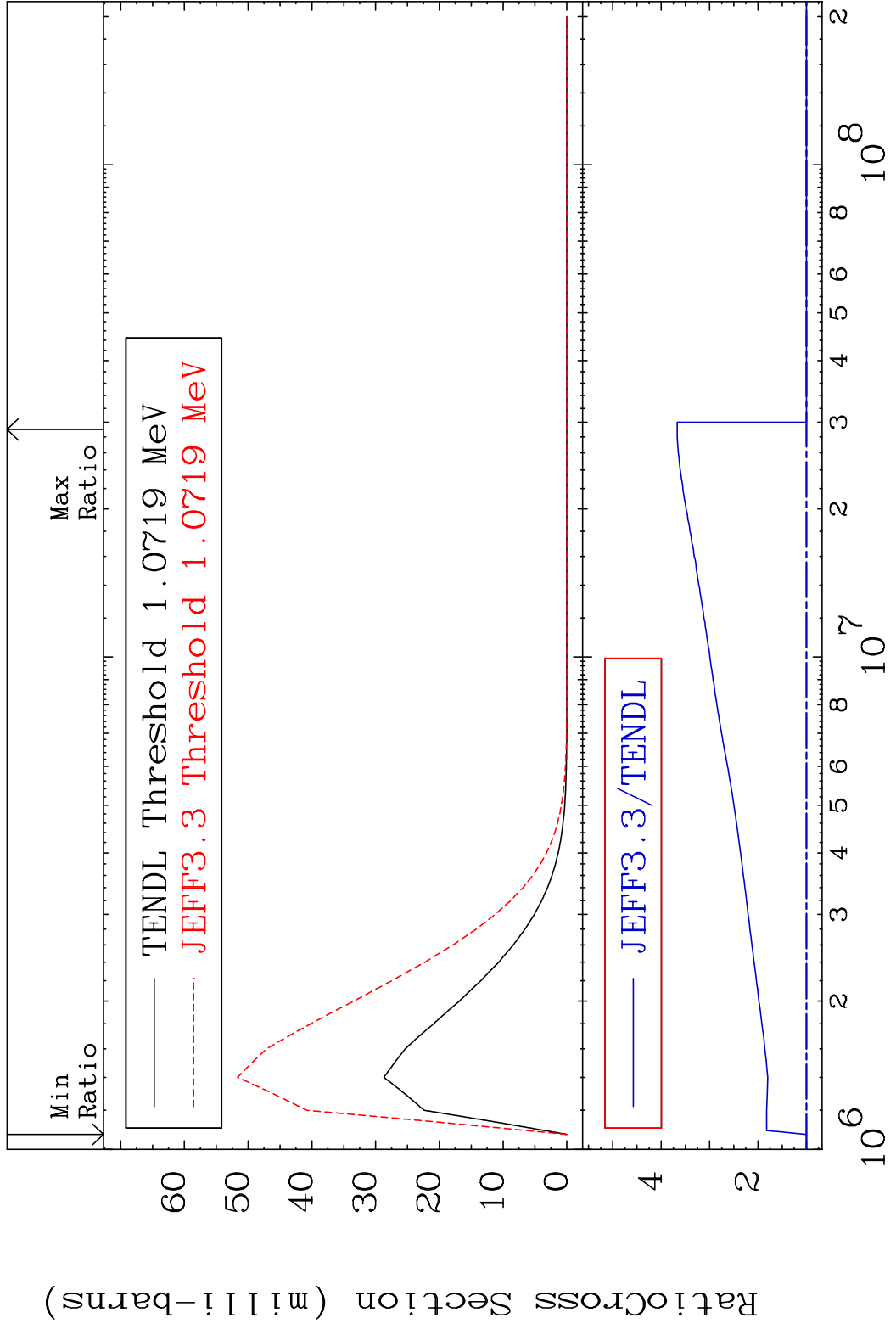
41 Incident Energy (eV) 47-Ag-111

MAT 4737 MT= 73 (n, n') Level 47-Ag-111
 Cross Section 0.000 To 266.9 %



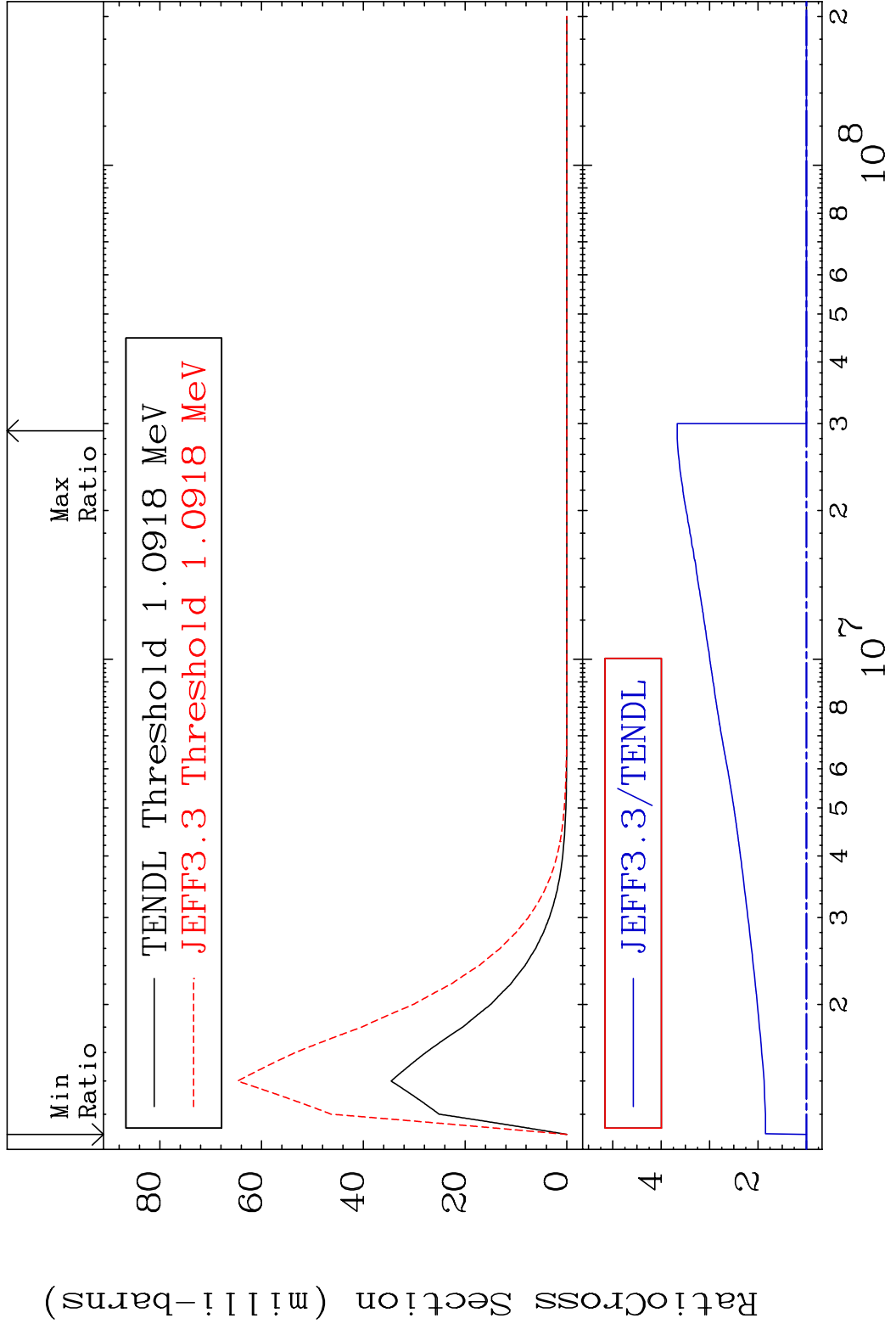
42 47-Ag-111

MAT 4737 MT= 74 (n, n') Level 47-Ag-111
 Cross Section 0.000 To 267.0 %

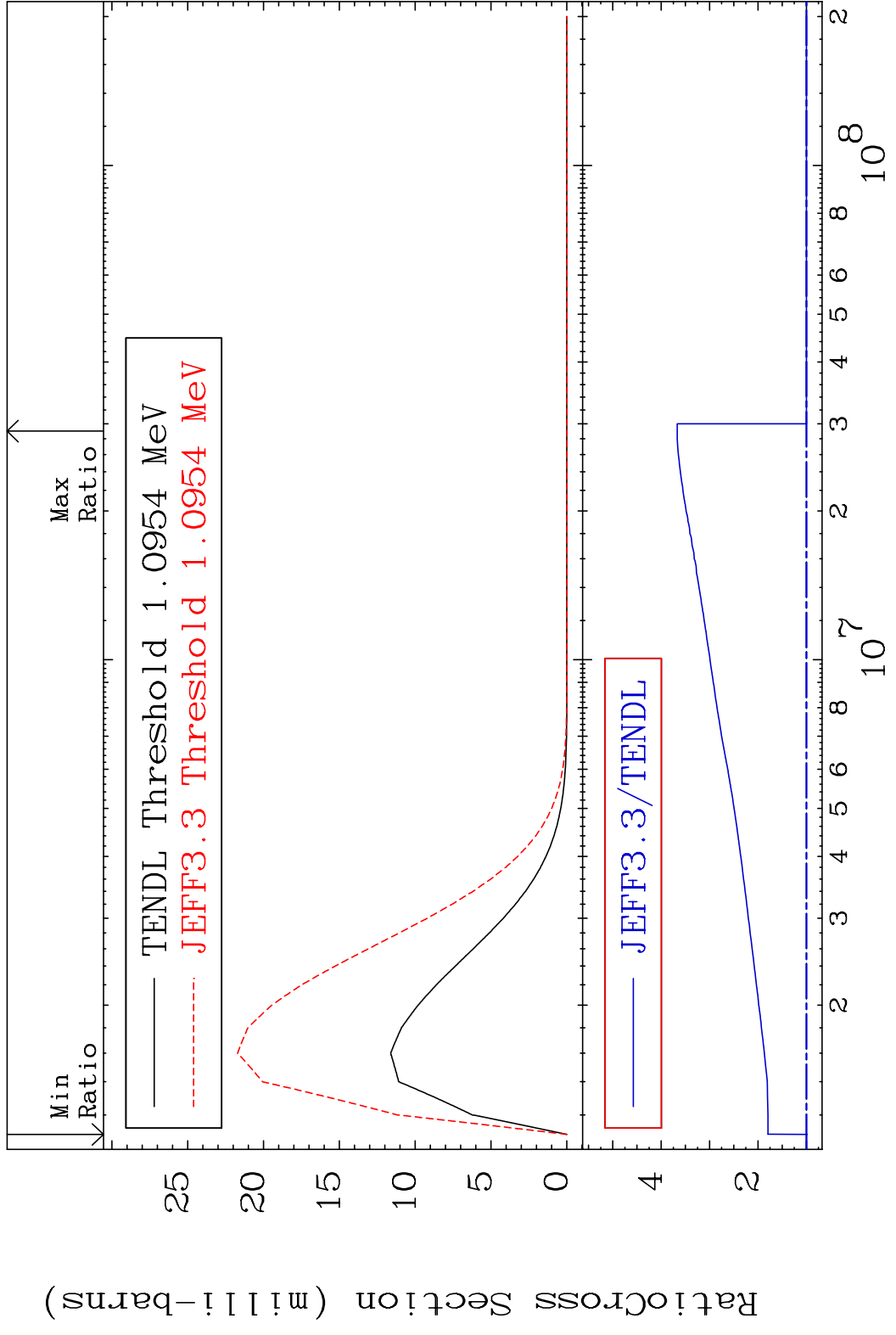


43 Incident Energy (eV) 47-Ag-111

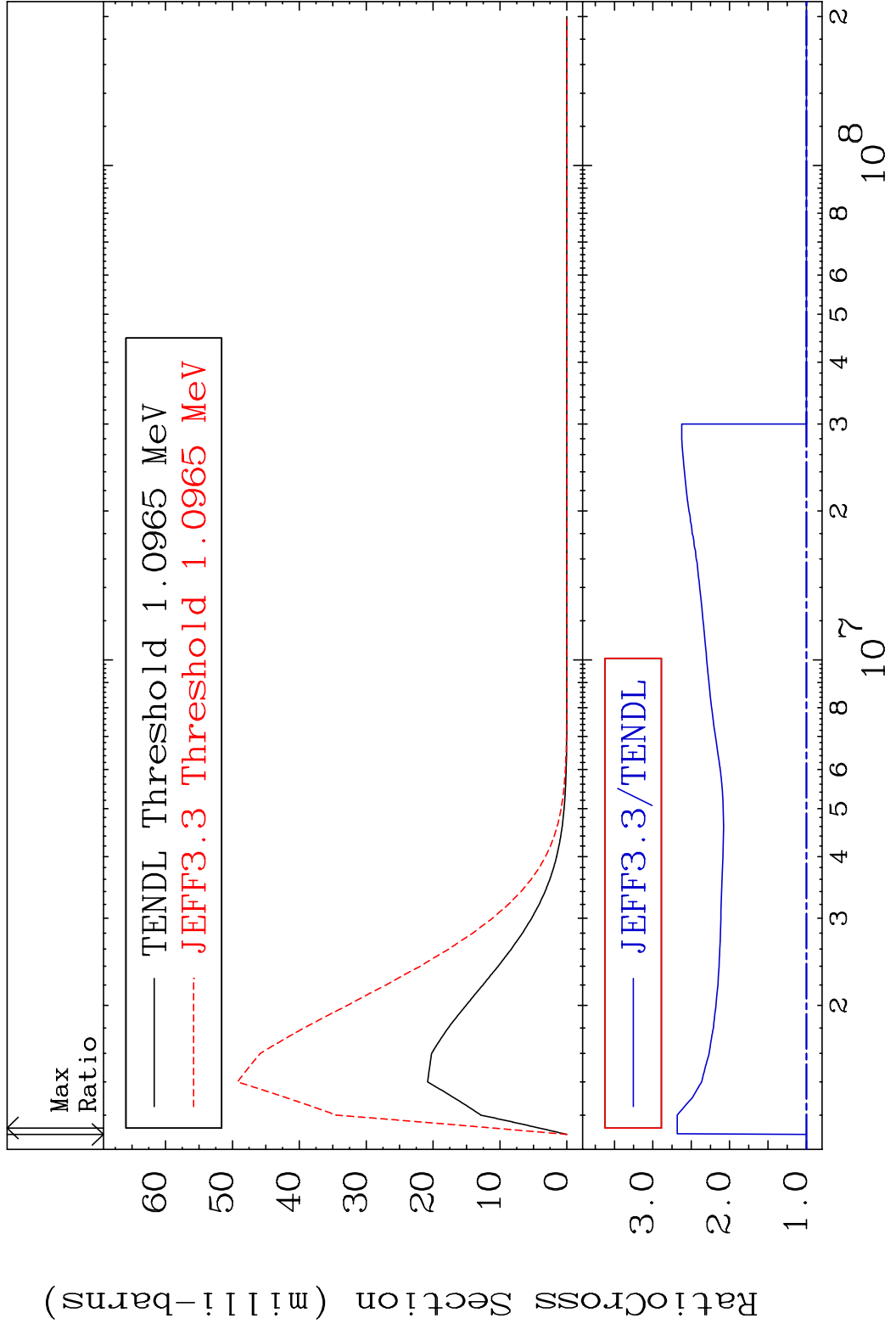
MAT 4737 MT= 75 (n, n') Level 47-Ag-111
 Cross Section 0.000 To 267.0 %



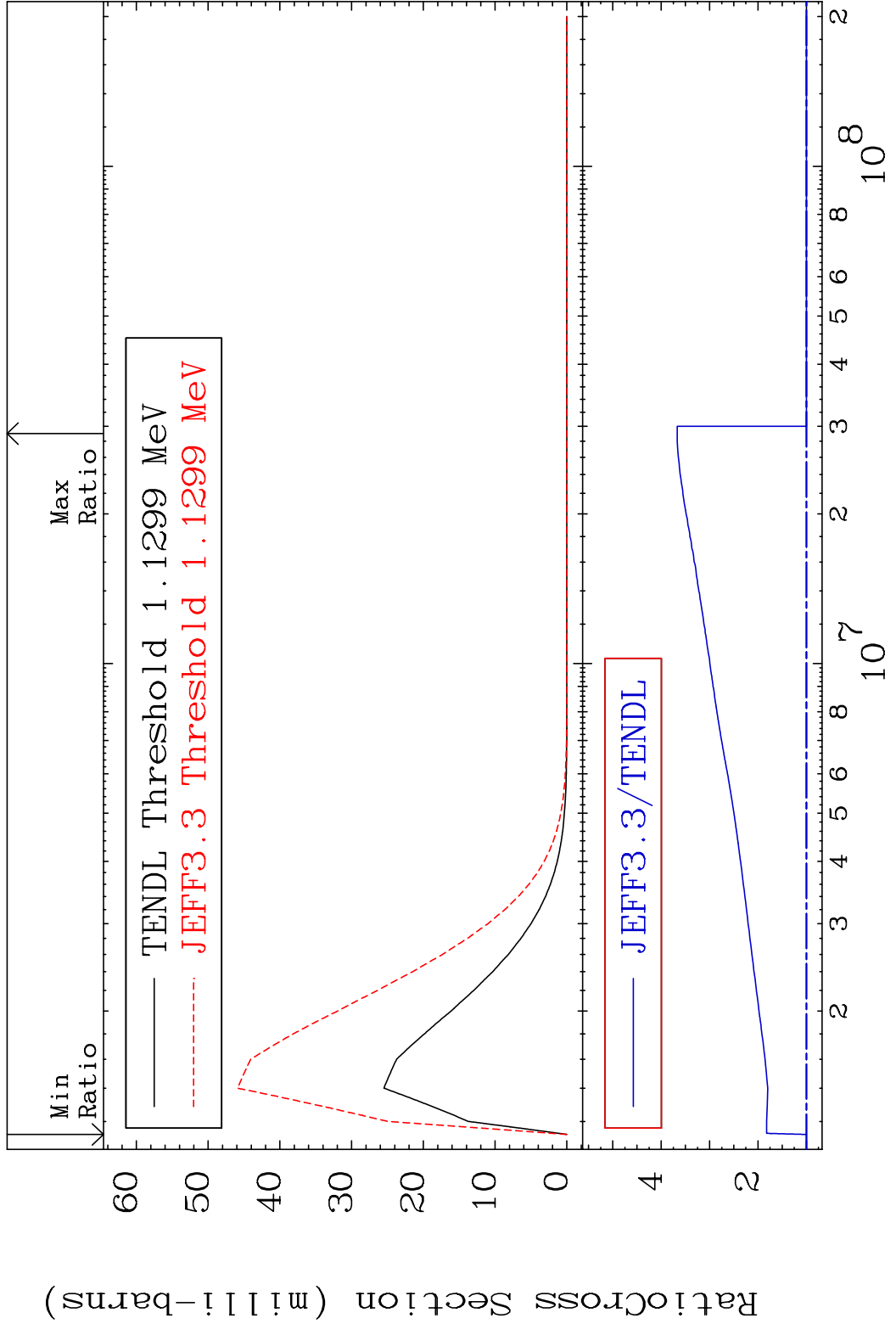
MAT 4737 MT= 76 (n, n') Level 47-Ag-111
 Cross Section 0.000 To 266.9 %



MAT 4737 MT= 77 (n,n') Level 47-Ag-111
 Cross Section 0.000 To 168.3 %



MAT 4737 MT= 78 (n, n') Level 47-Ag-111
 Cross Section 0.000 To 267.0 %

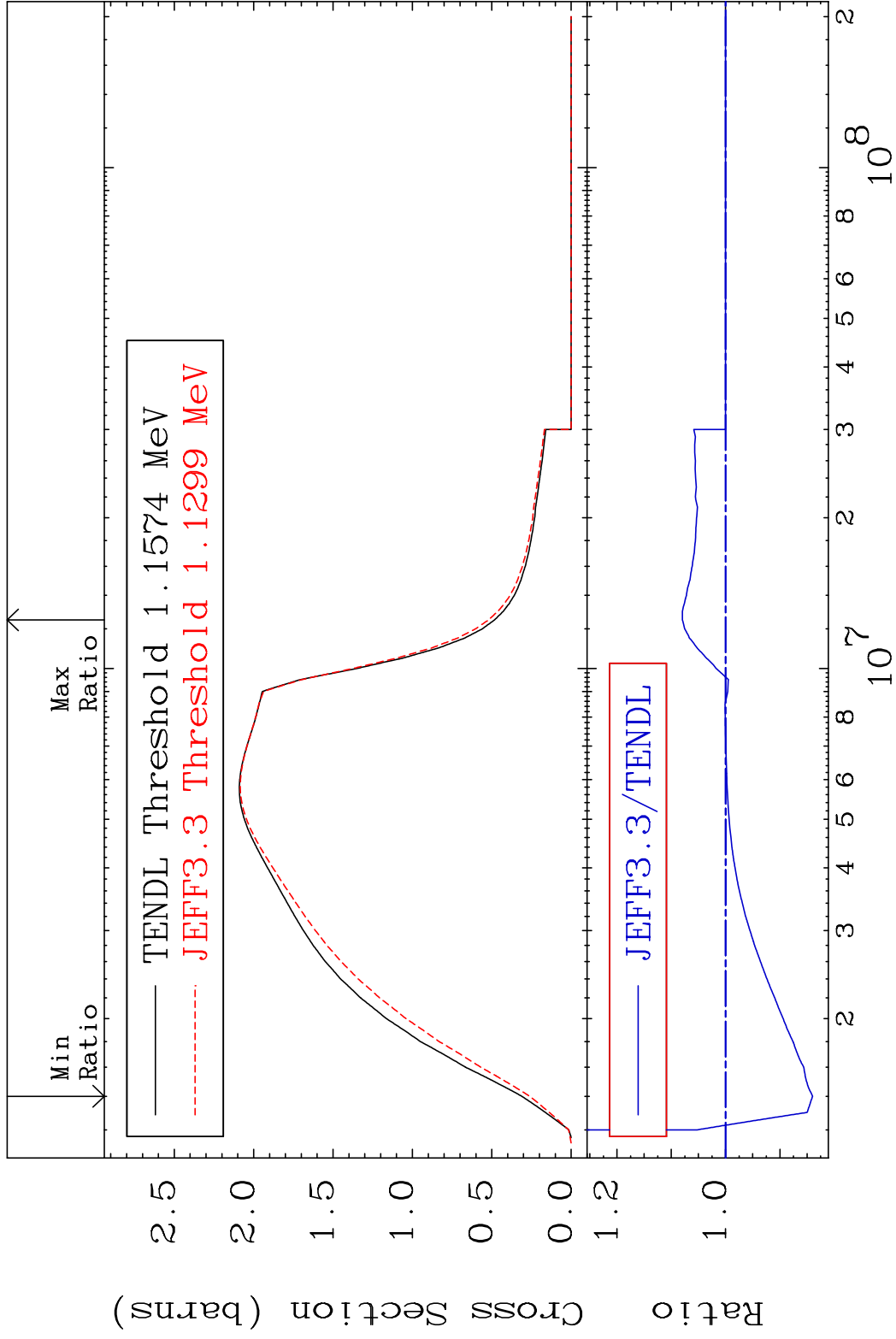


MAT 4737

(n, n') Continuum

47-Ag-111

Cross Section -16.02 To 7.962 %



48

Incident Energy (eV)

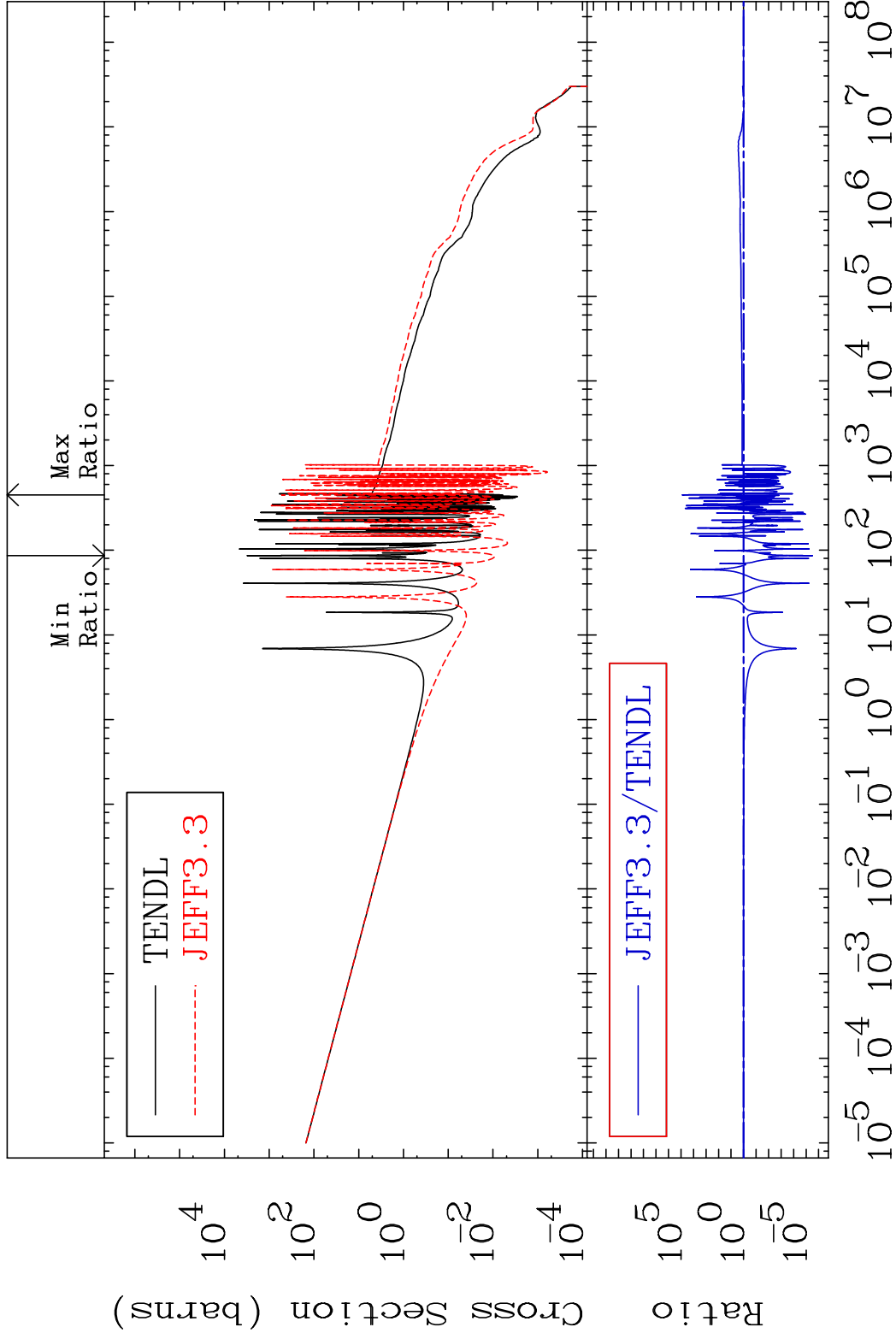
47-Ag-111

MAT 4737

(n, γ)

47-Ag-111

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

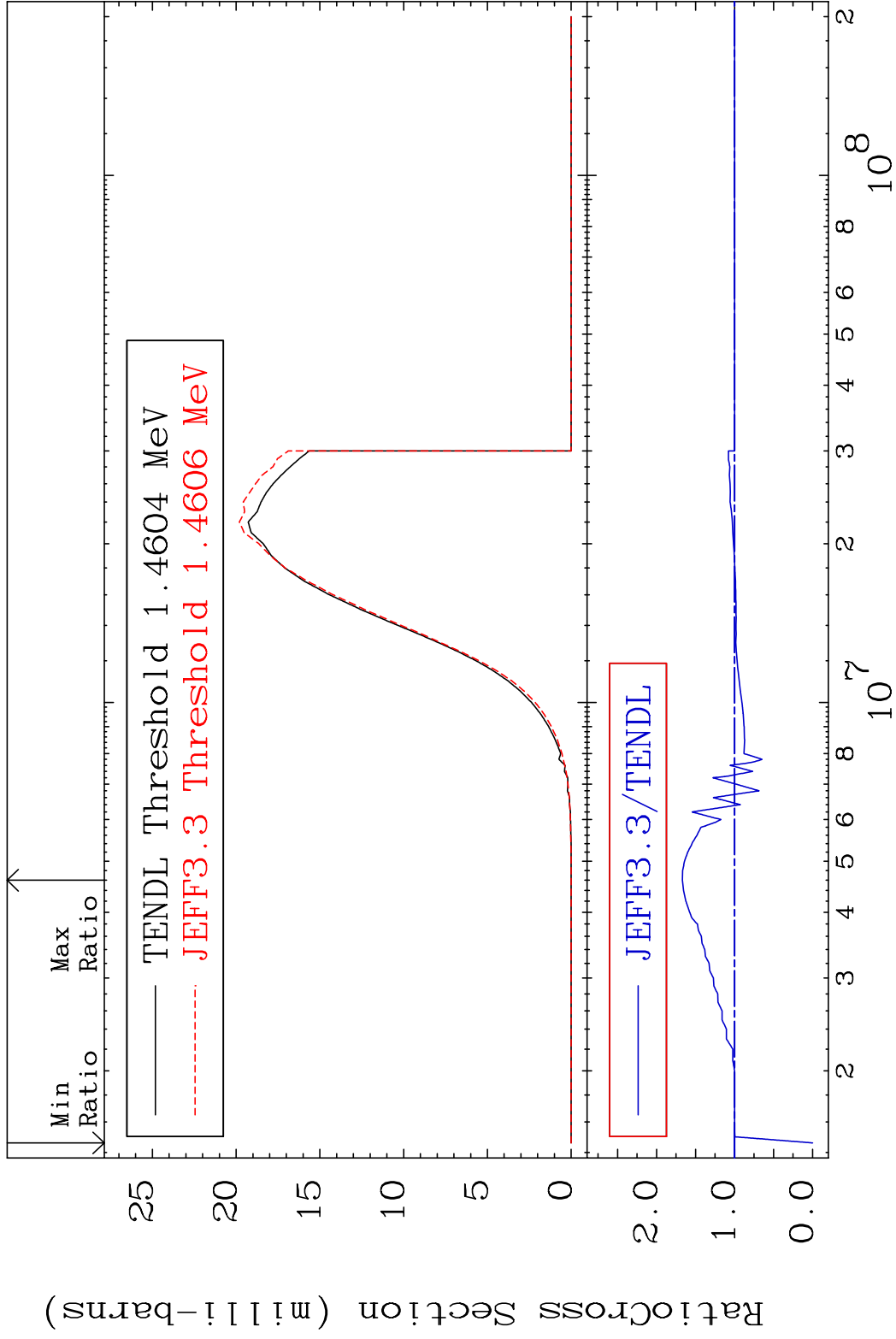
47-Ag-111

MAT 4737

(n, p)

47-Ag-111

Cross Section -100.0 To 66.98 %



50

Incident Energy (eV)

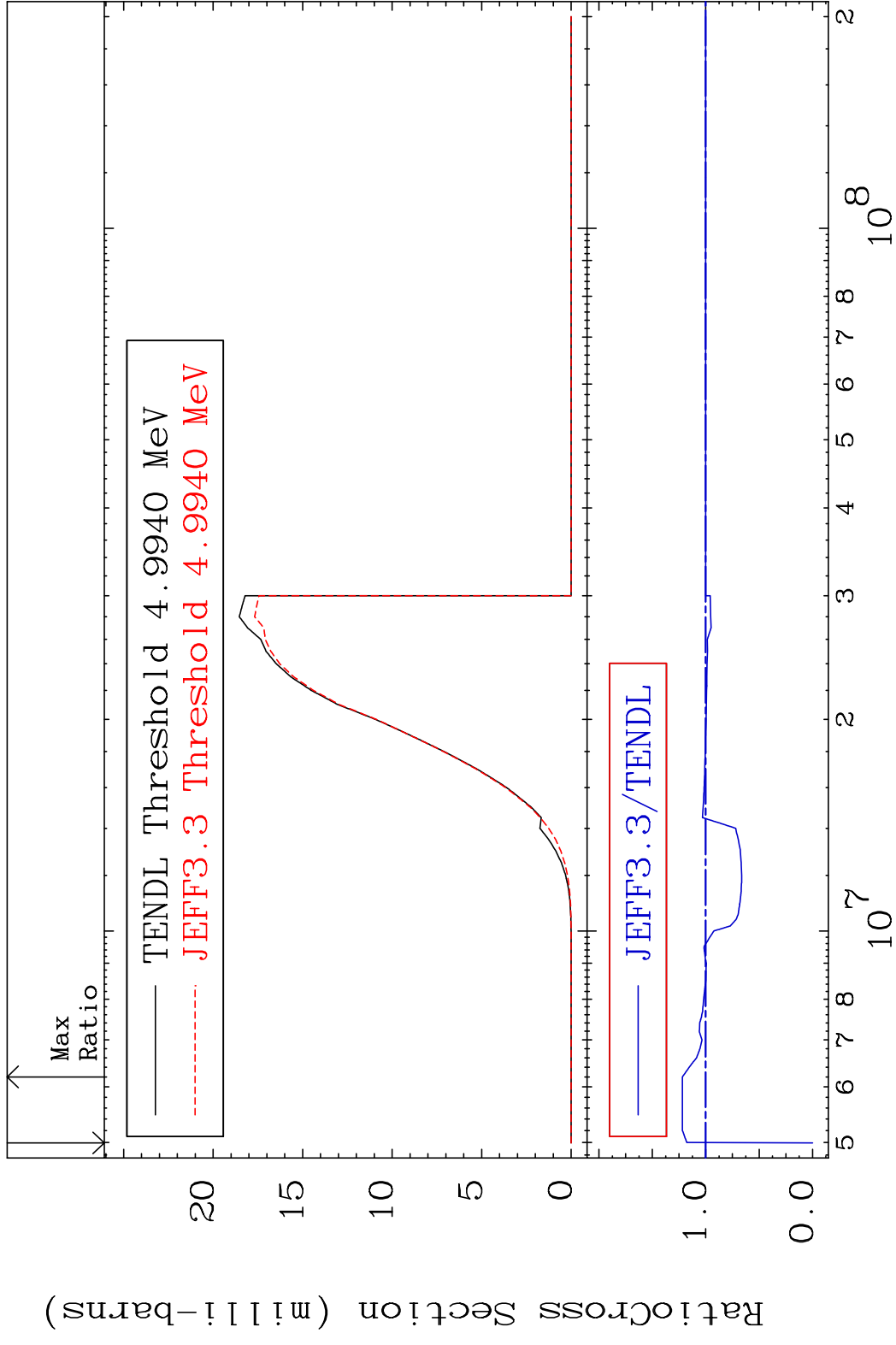
47-Ag-111

MAT 4737

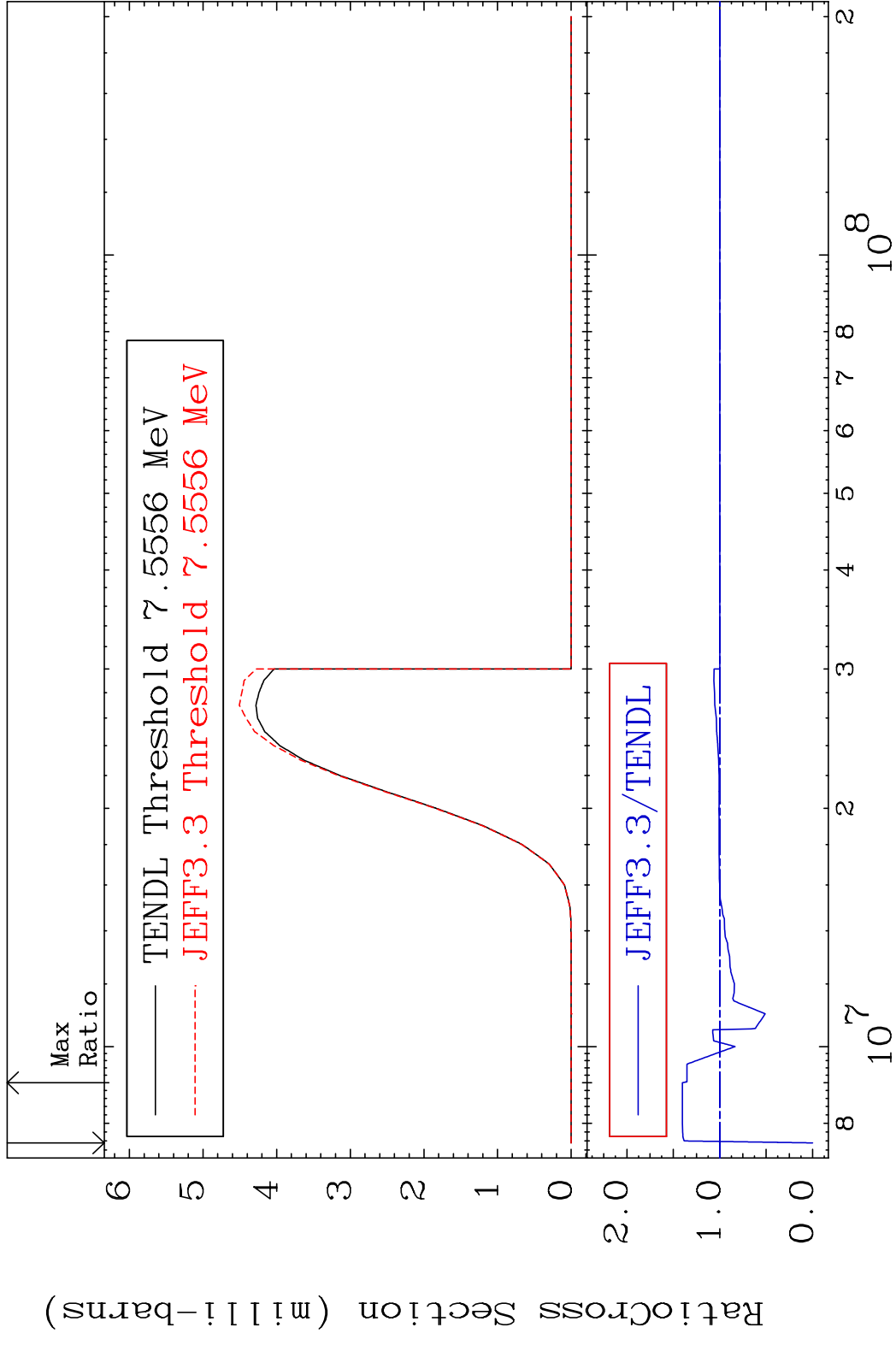
(n, d)

47-Ag-111

Cross Section -100.0 To 21.89 %



MAT 4737 (n, t) 47-Ag-111
 Cross Section -100.0 To 40.26 %

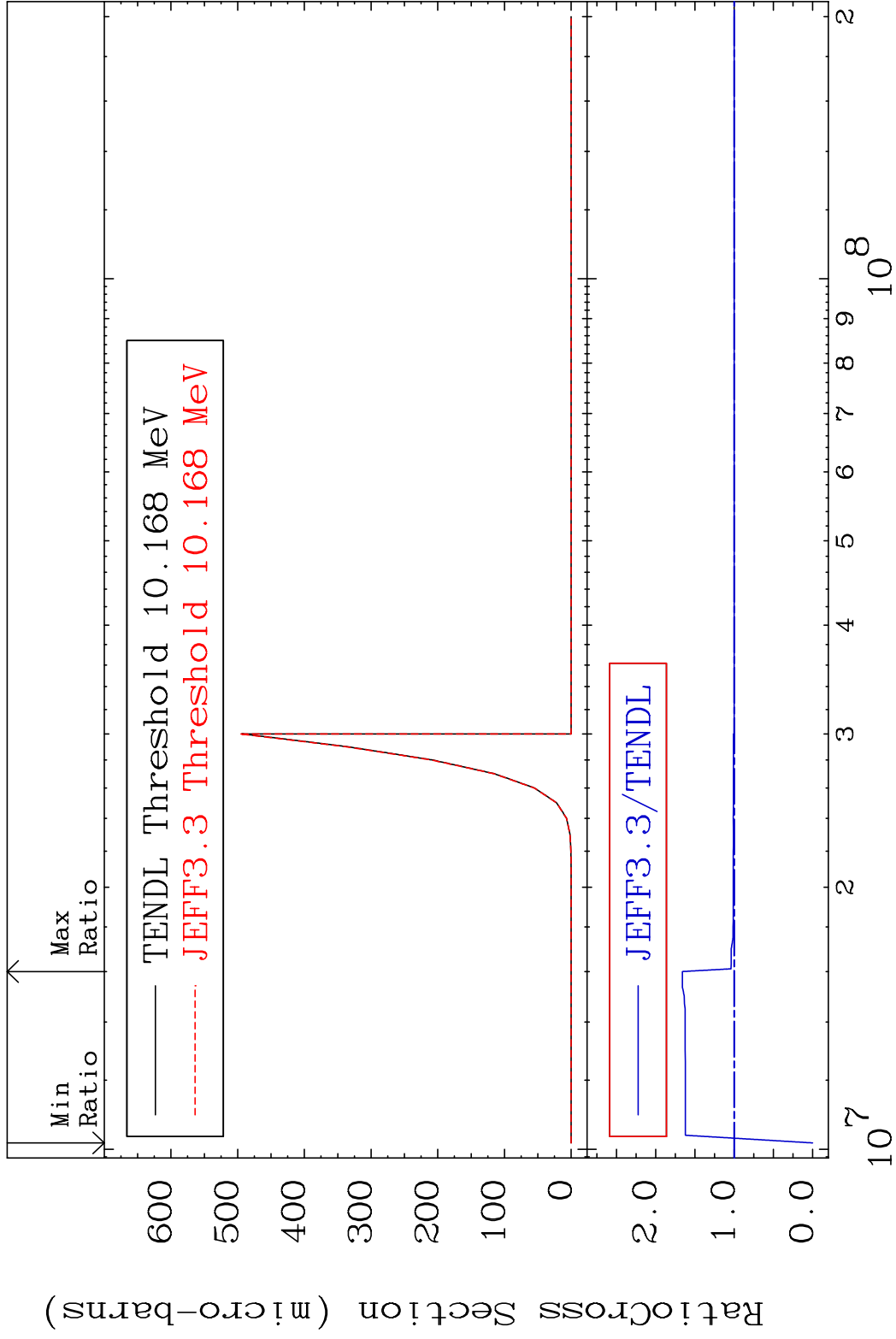


MAT 4737

(n, He-3)

47-Ag-111

Cross Section -100.0 To 65.97 %



53

Incident Energy (eV)

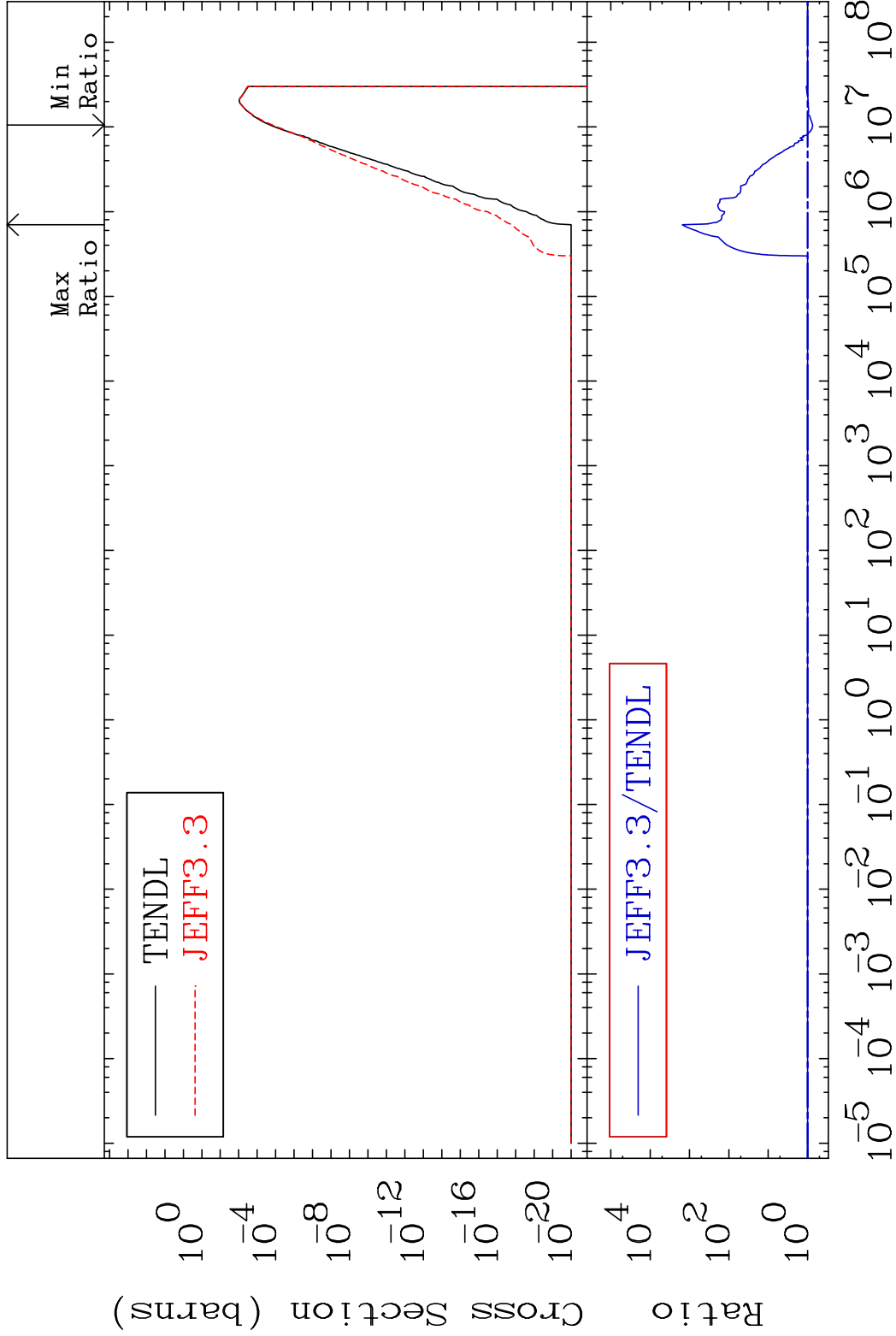
47-Ag-111

MAT 4737

(n, α)

47-Ag-111

Cross Section -25.15 To 9999. %

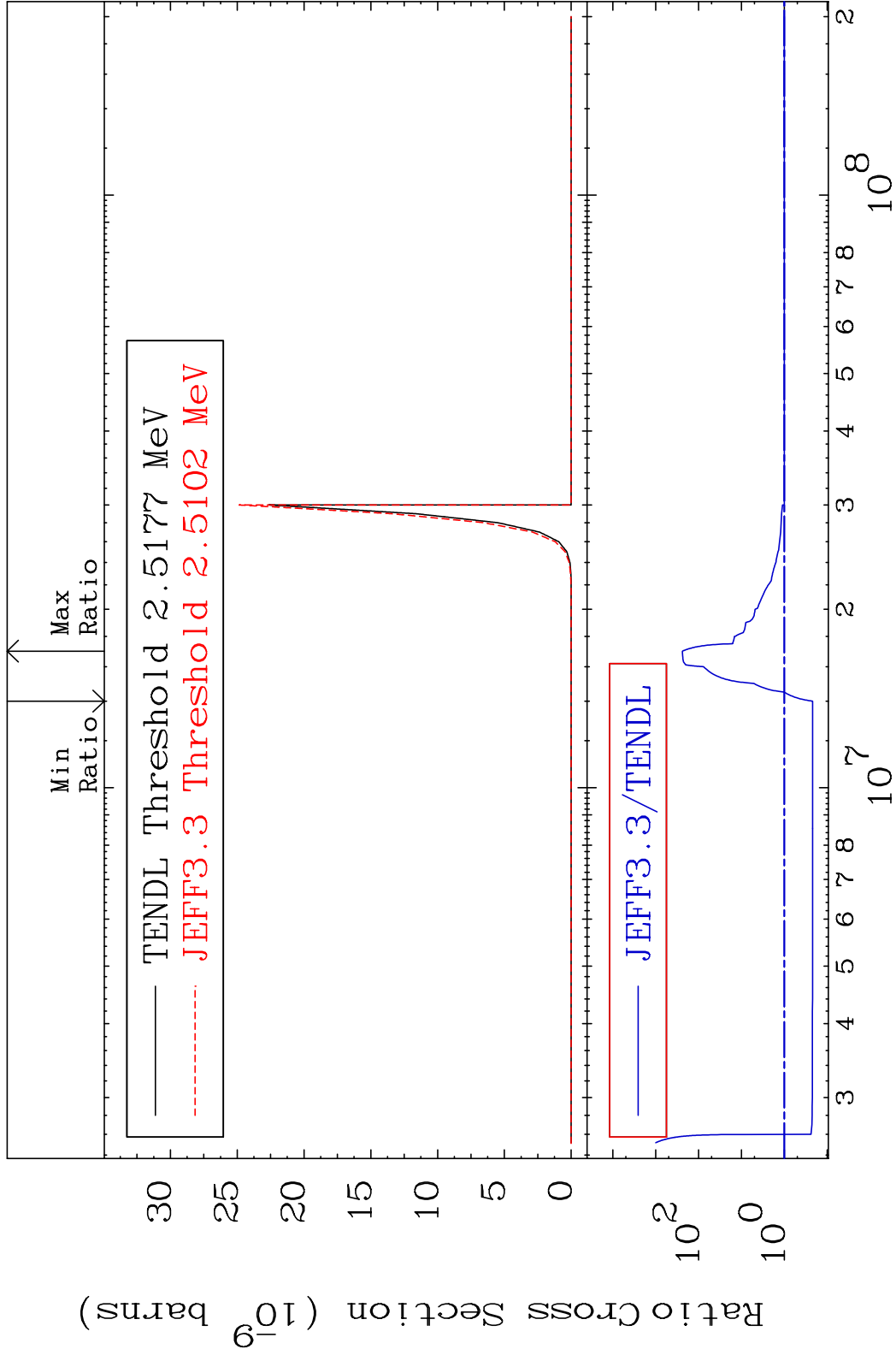


MAT 4737

(n, 2α)

47-Ag-111

Cross Section -78.07 To 9999. %

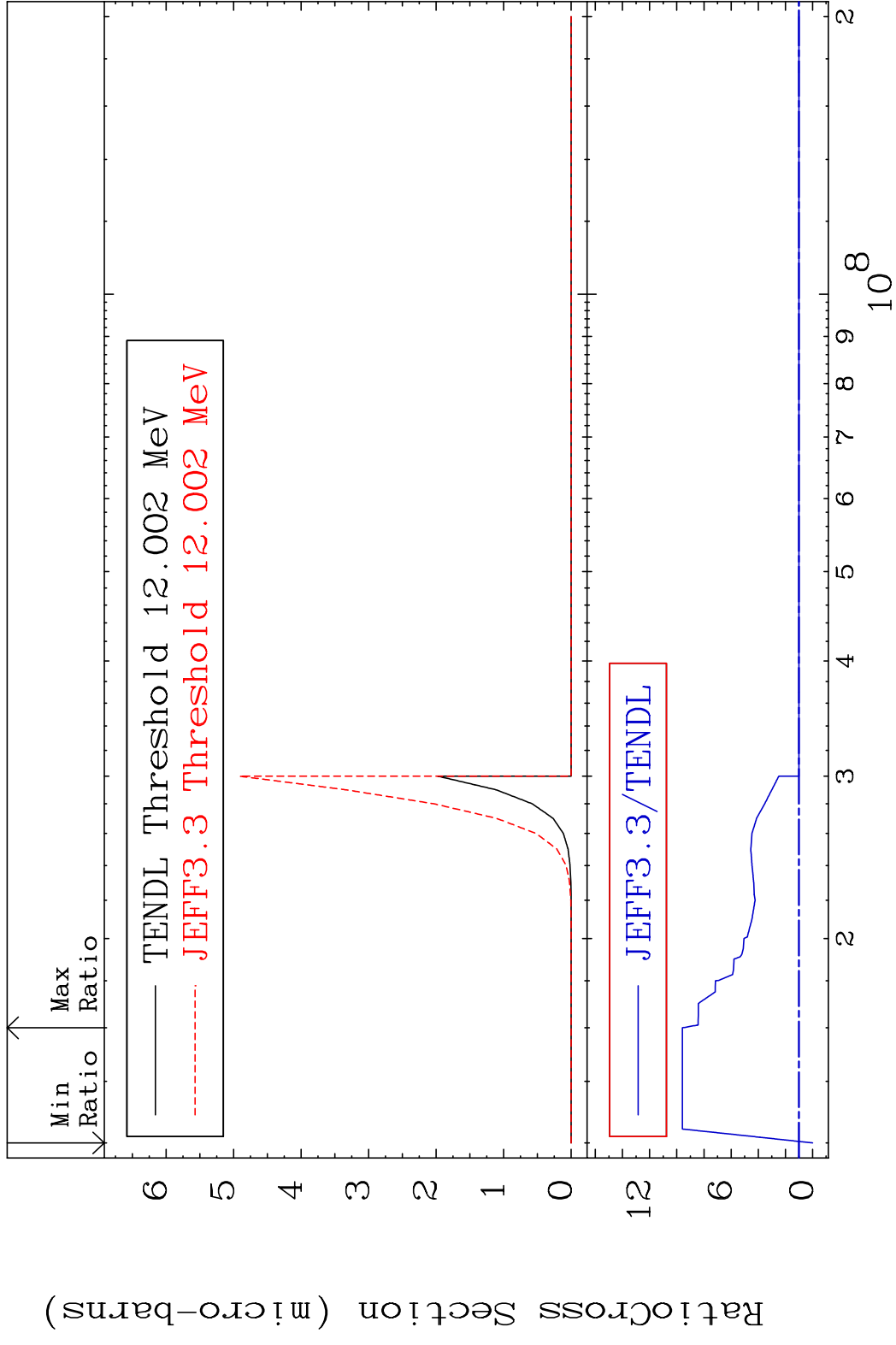


55

Incident Energy (eV)

47-Ag-111

MAT 4737 (n,2p) 47-Ag-111
 Cross Section -100.0 To 859.1 %

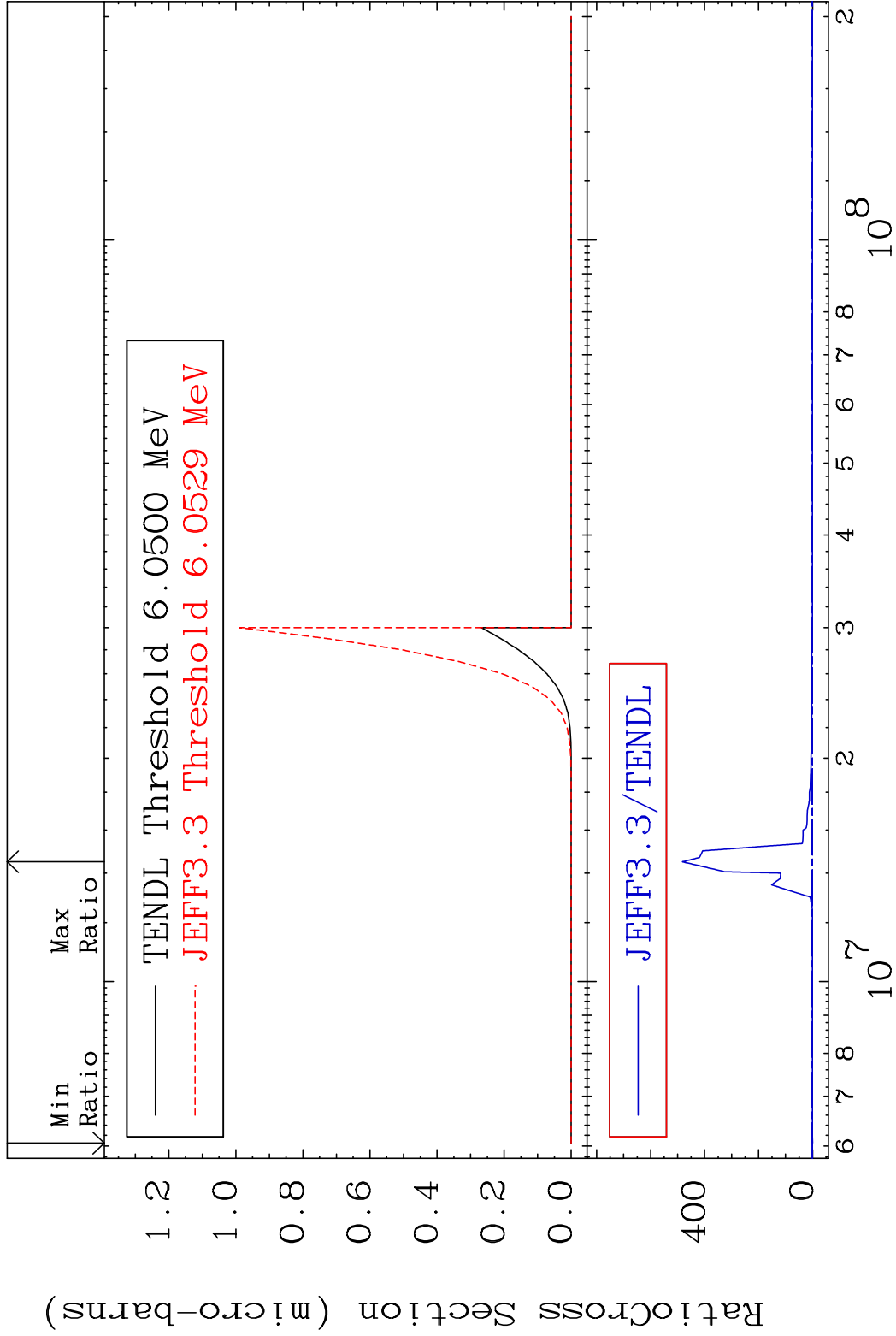


MAT 4737

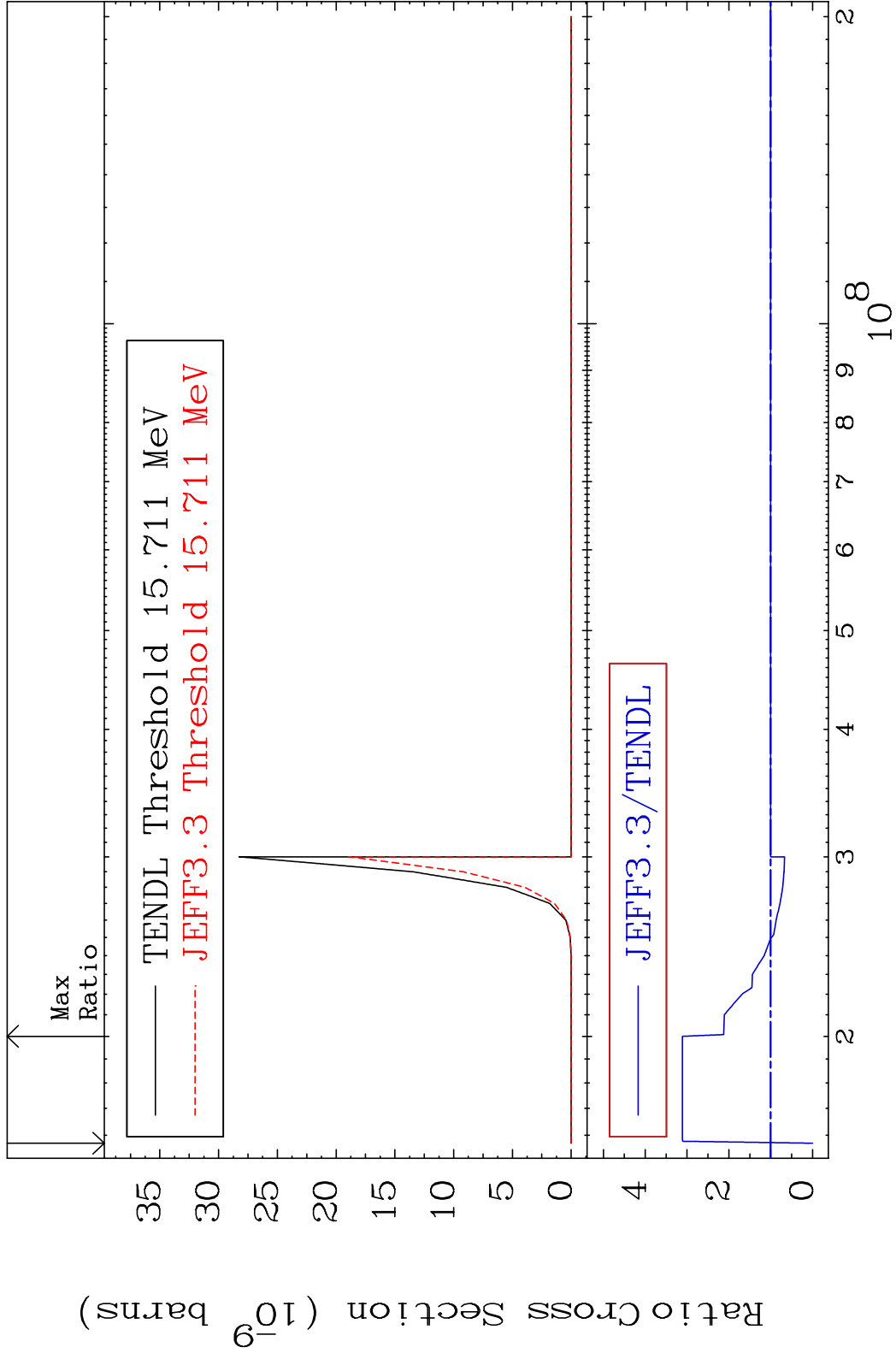
(n,p) α

47-Ag-111

Cross Section -100.0 To 9999. %



MAT 4737 (n,p) d 47-Ag-111
 Cross Section -100.0 To 211.2 %

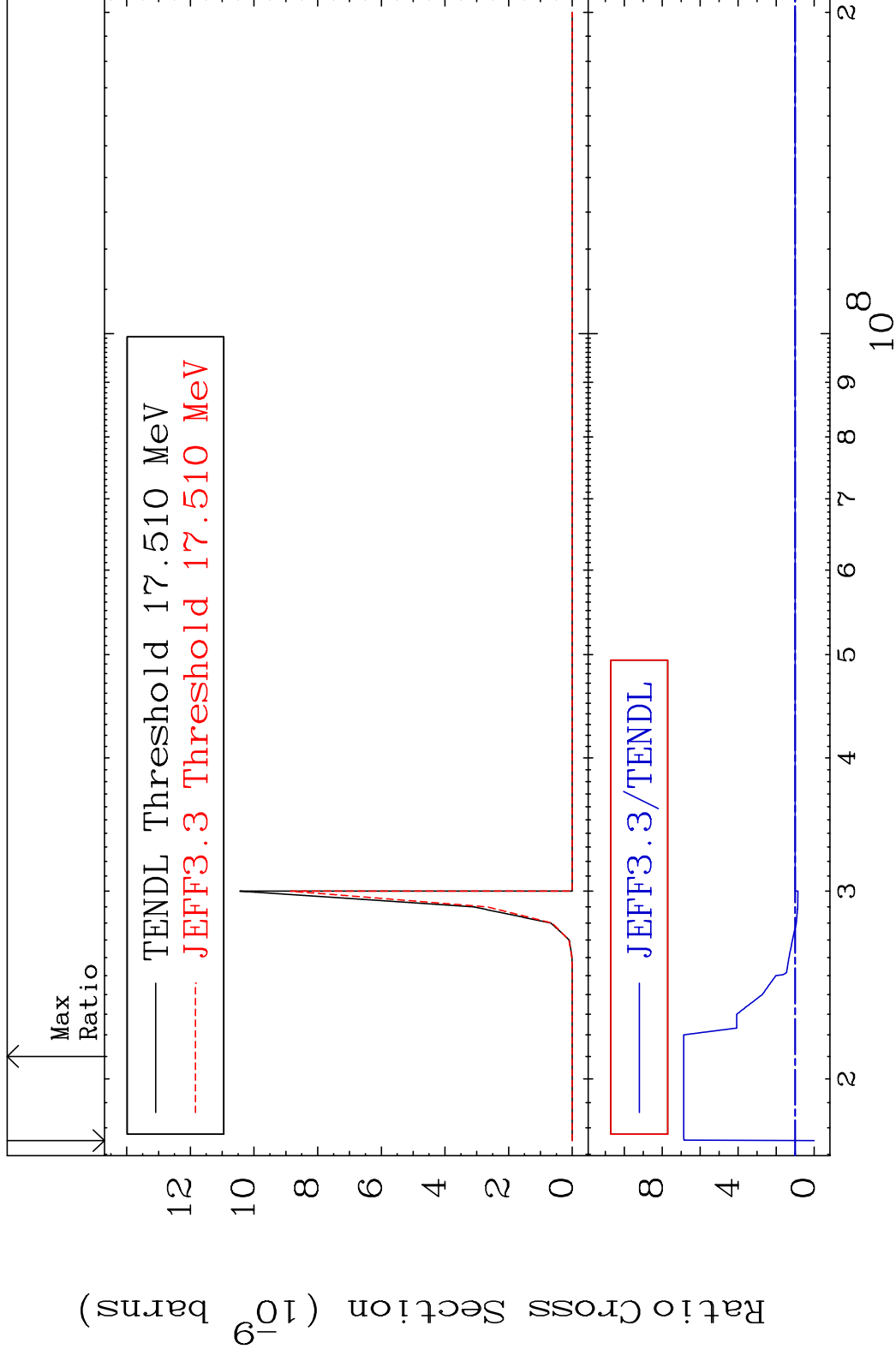


MAT 4737

(n,p) t

47-Ag-111

Cross Section -100.0 To 587.1 %

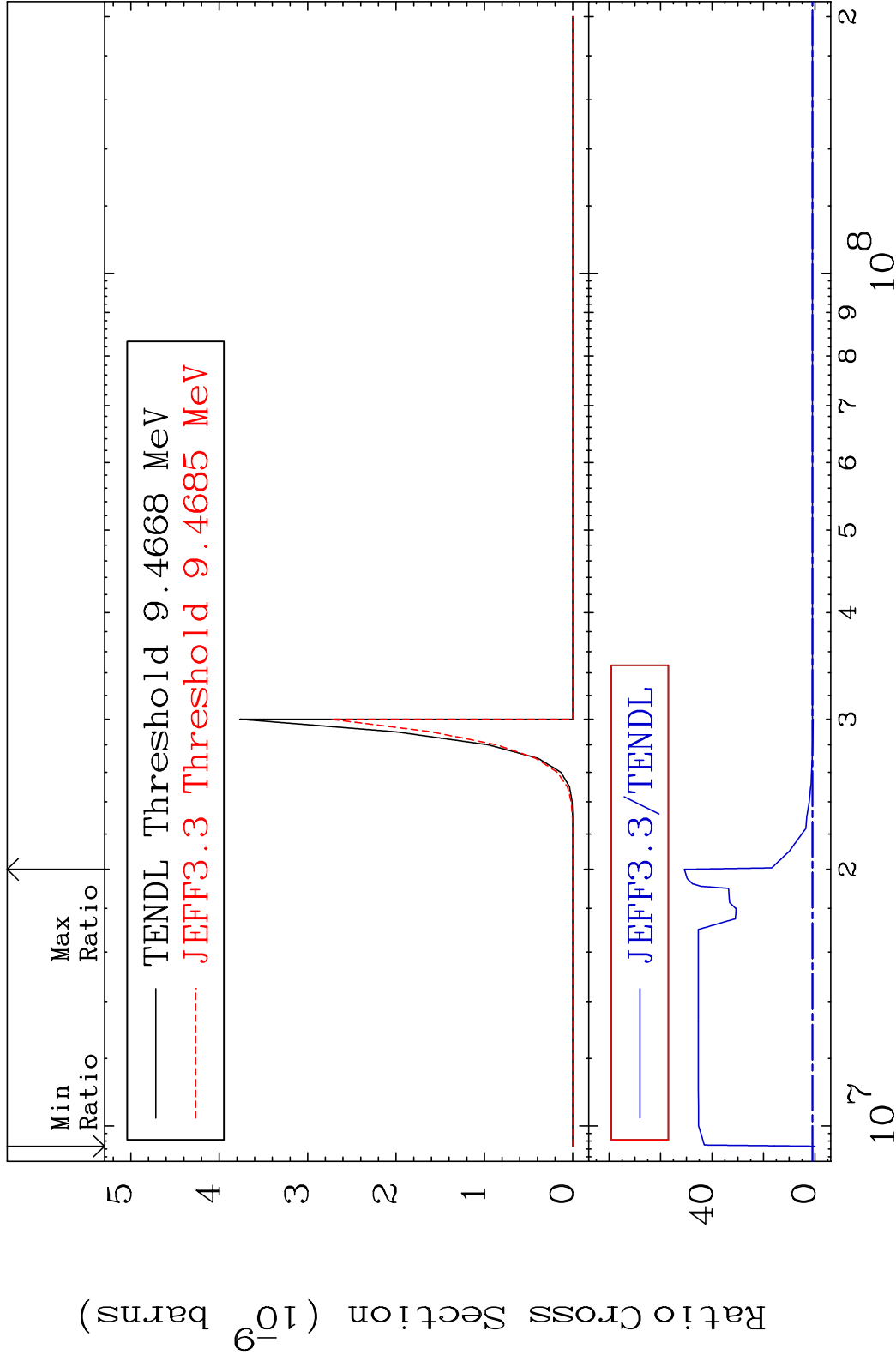


MAT 4737

(n,d) α

47-Ag-111

Cross Section -100.0 To 4978. %



60

Incident Energy (eV)

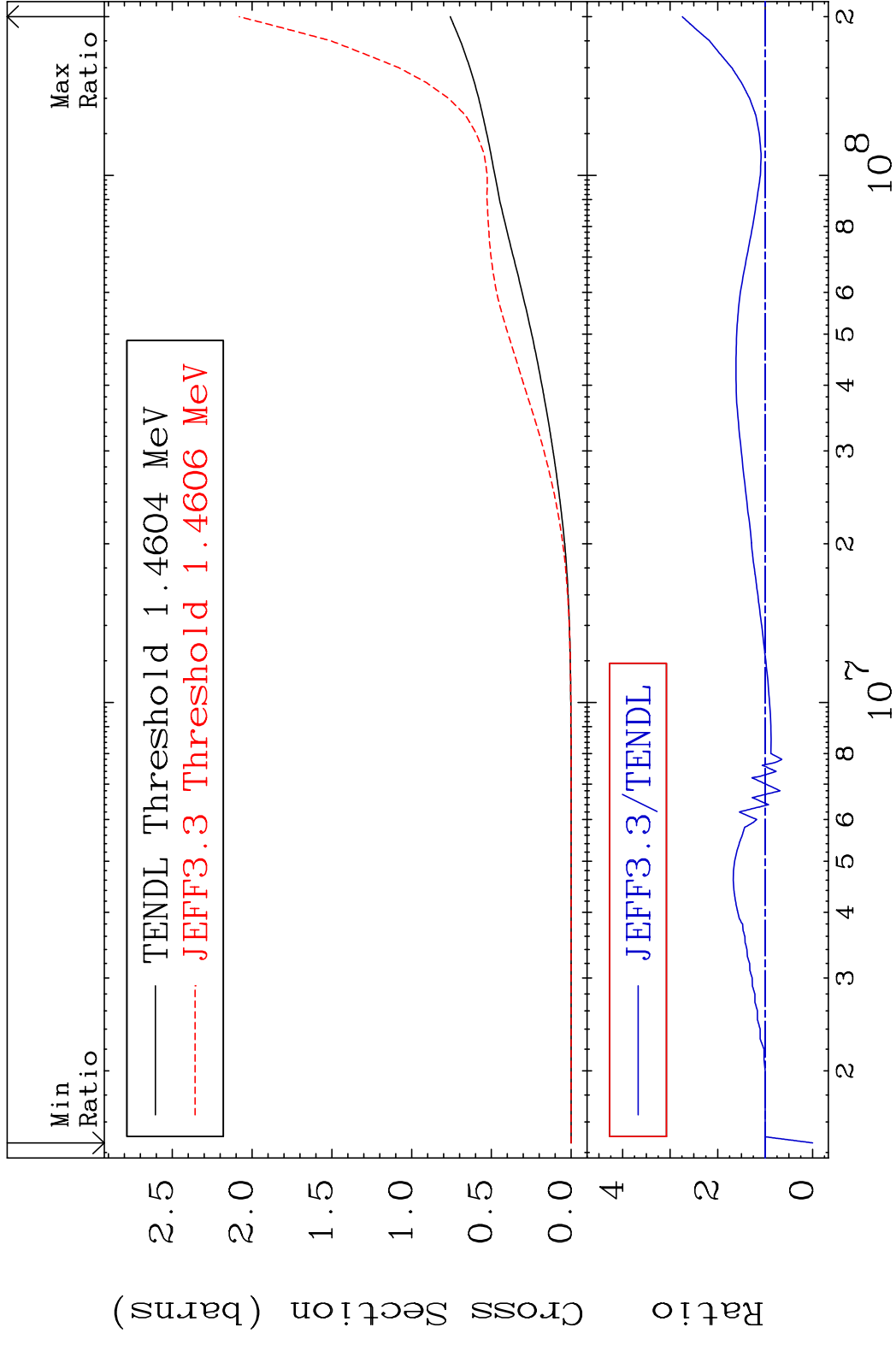
47-Ag-111

MAT 4737

Hydrogen Production

47-Ag-111

Cross Section -100.0 To 174.3 %



61

Incident Energy (eV)

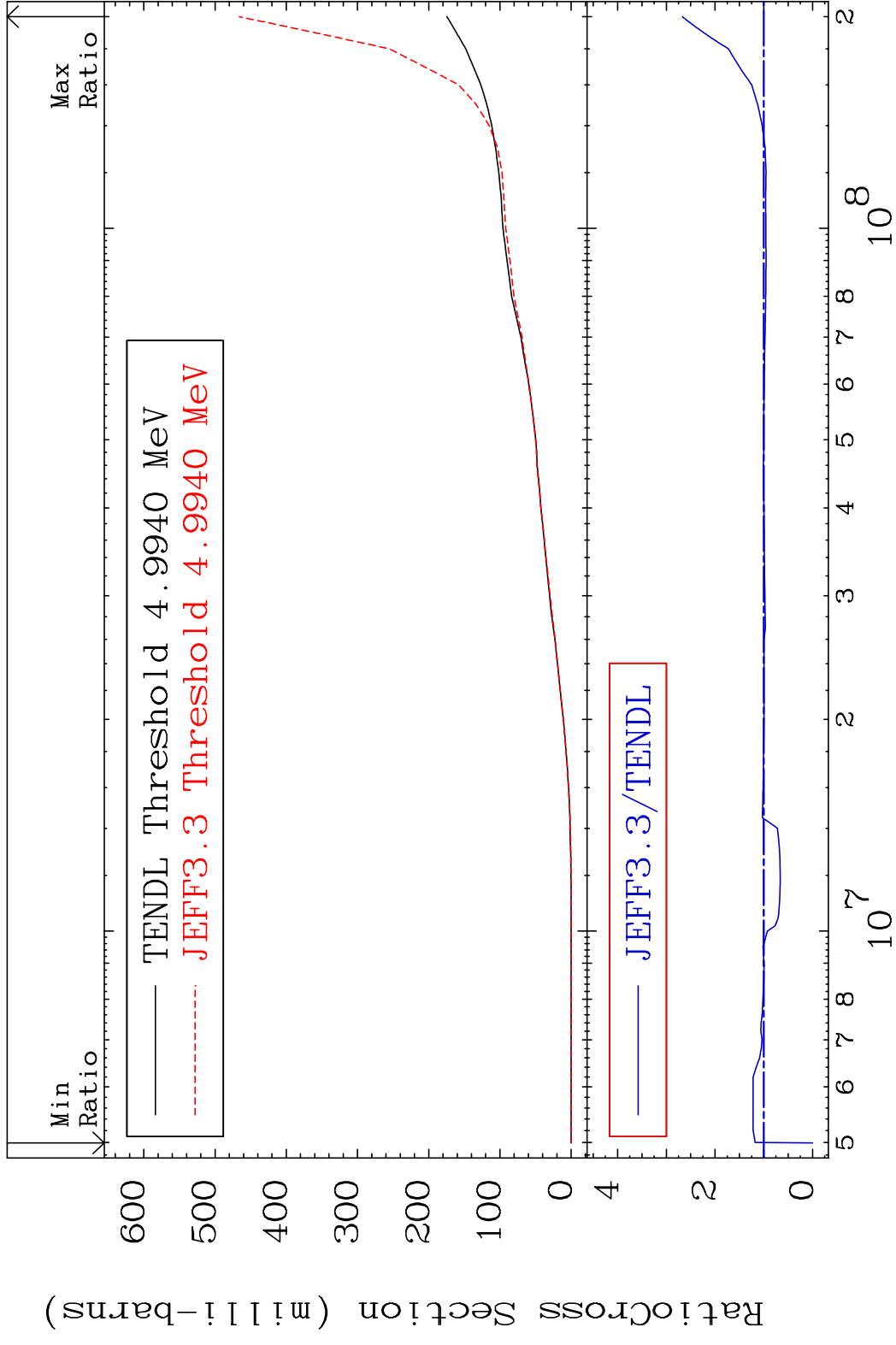
47-Ag-111

MAT 4737

Deuterium Production

47-Ag-111

Cross Section -100.0 To 167.1 %

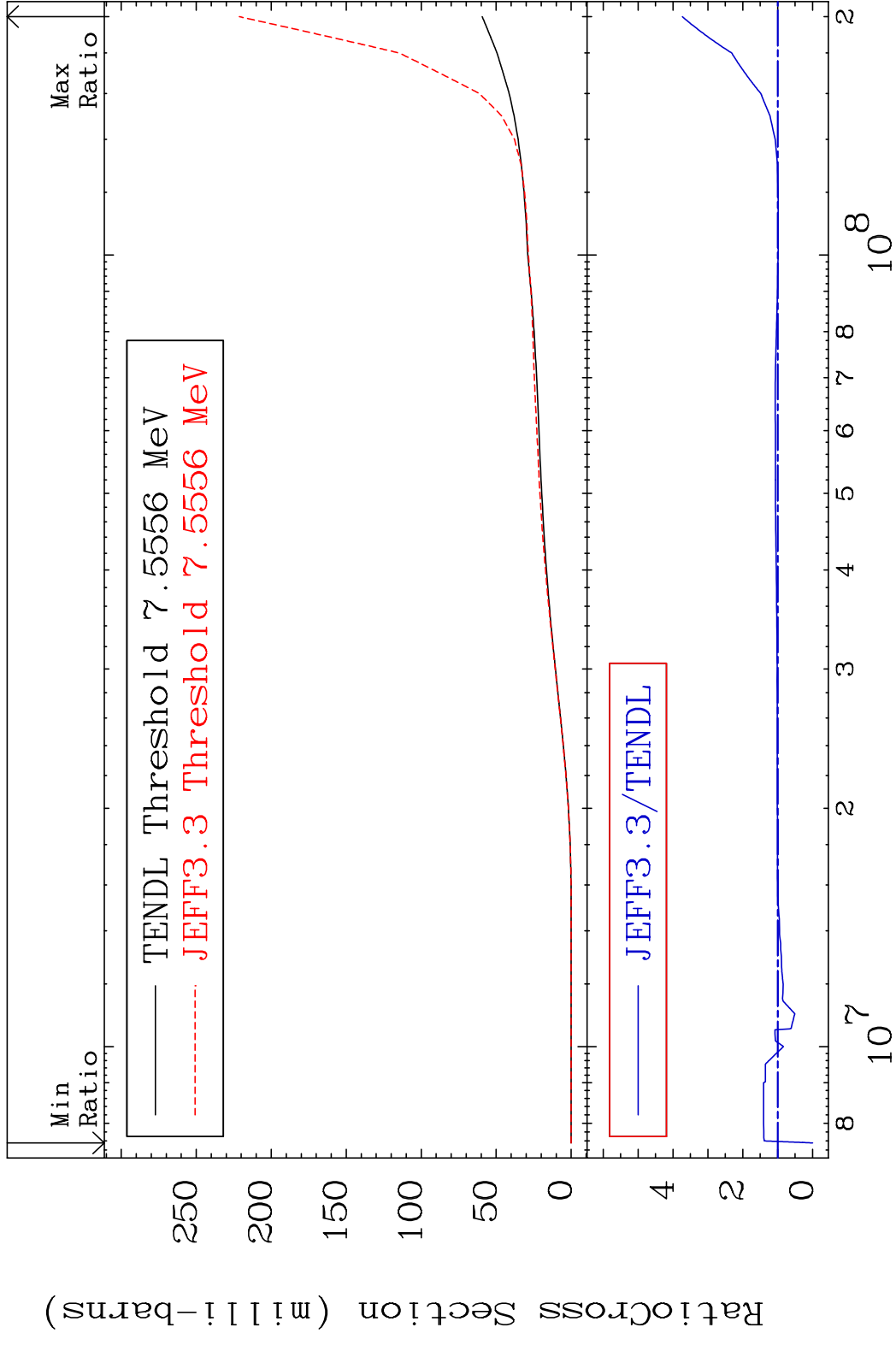


MAT 4737

Tritium Production

47-Ag-111

Cross Section -100.0 To 273.1 %



63

Incident Energy (eV)

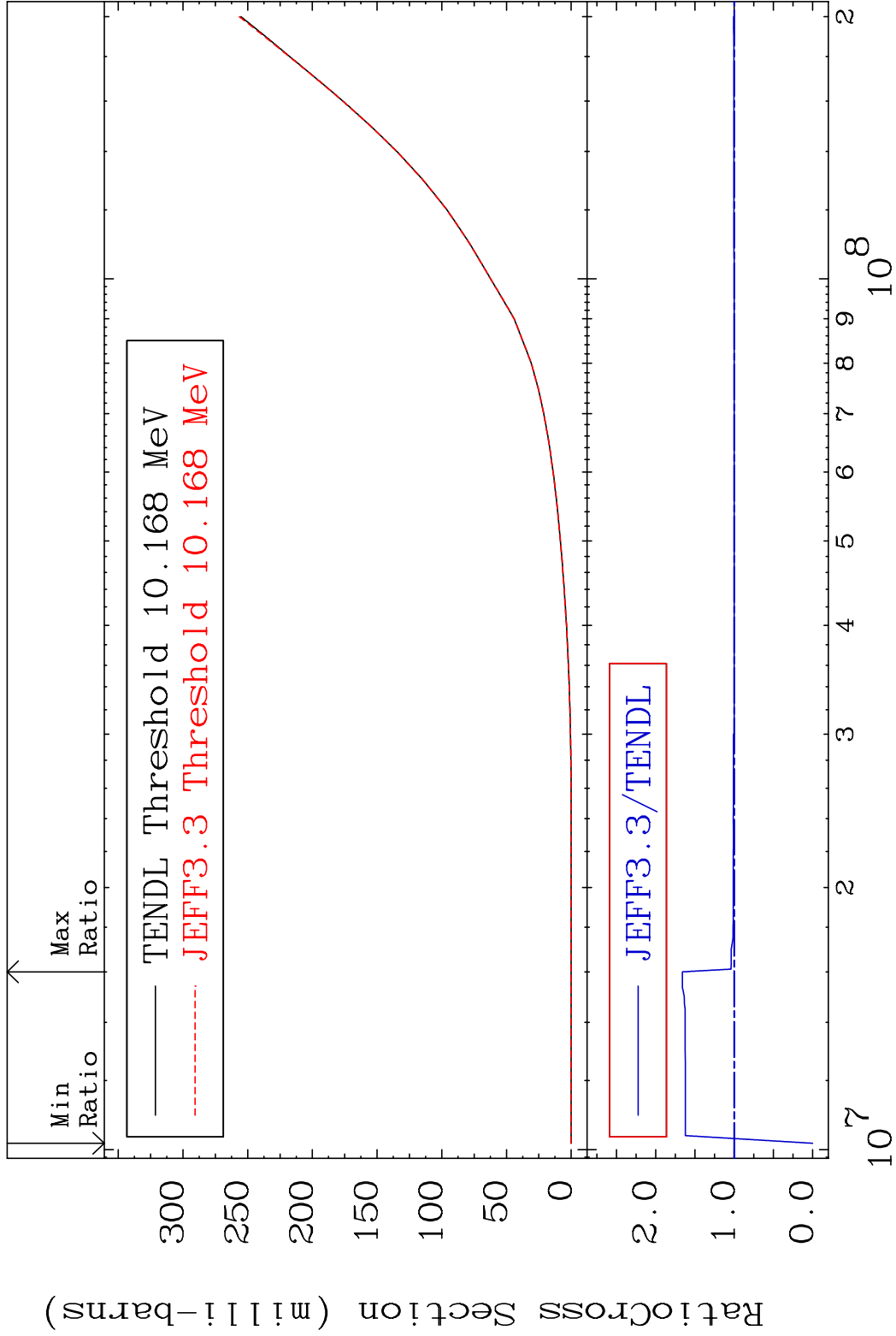
47-Ag-111

MAT 4737

He-3 Production

47-Ag-111

Cross Section -100.0 To 65.97 %



64

Incident Energy (eV)

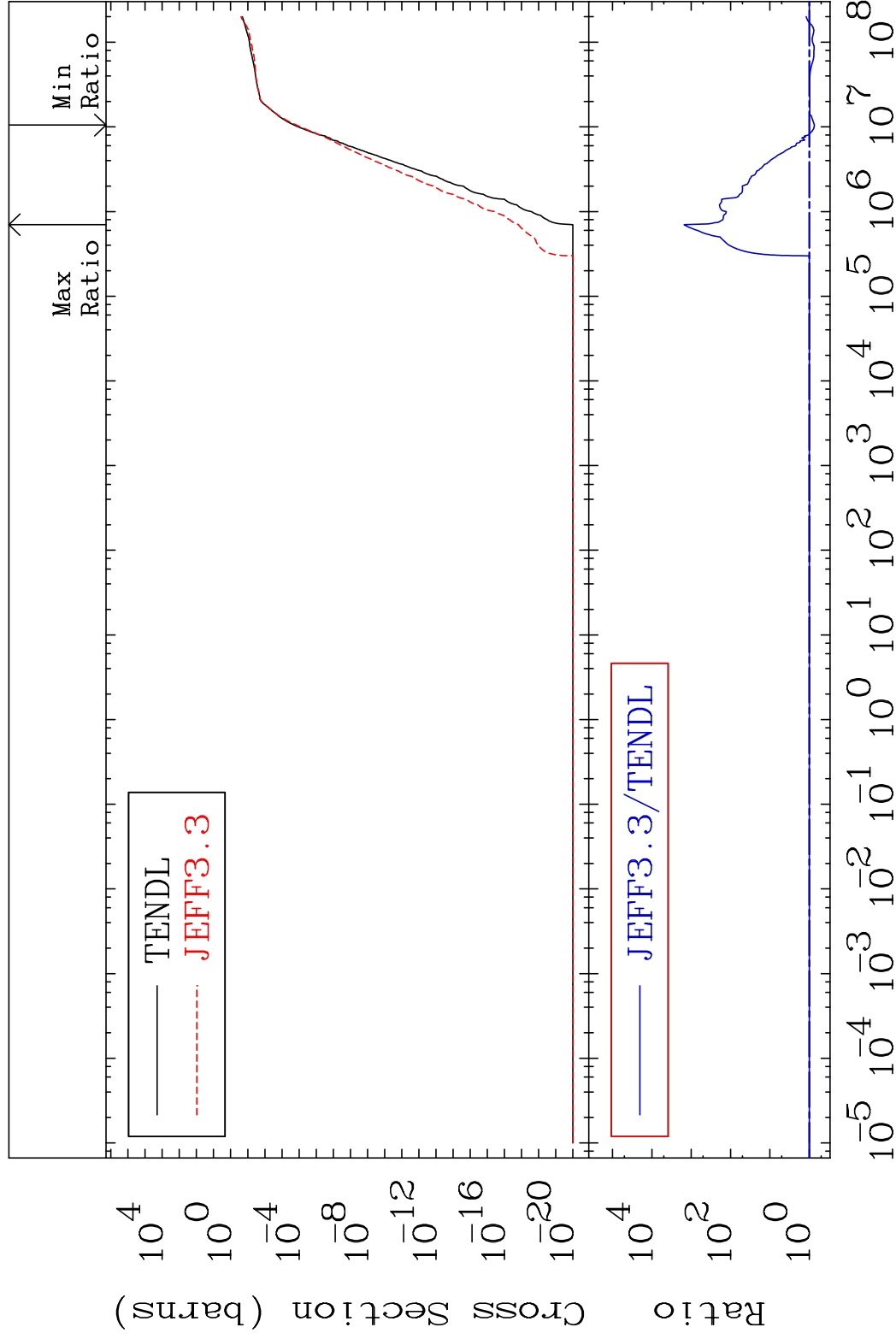
47-Ag-111

MAT 4737

He-4 Production

47-Ag-111

Cross Section -25.13 To 9999. %

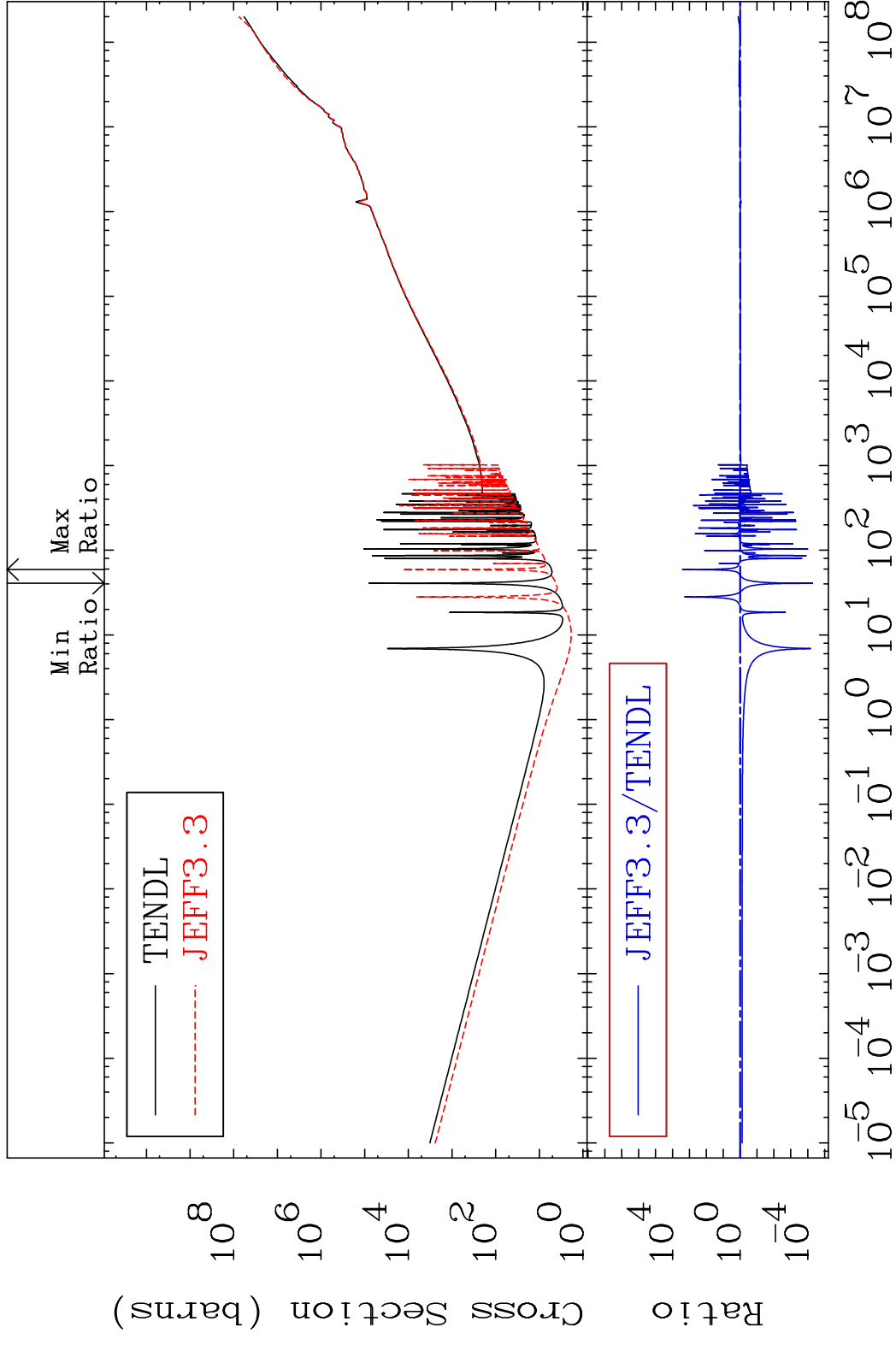


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Incident Energy (eV)

47-Ag-111

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

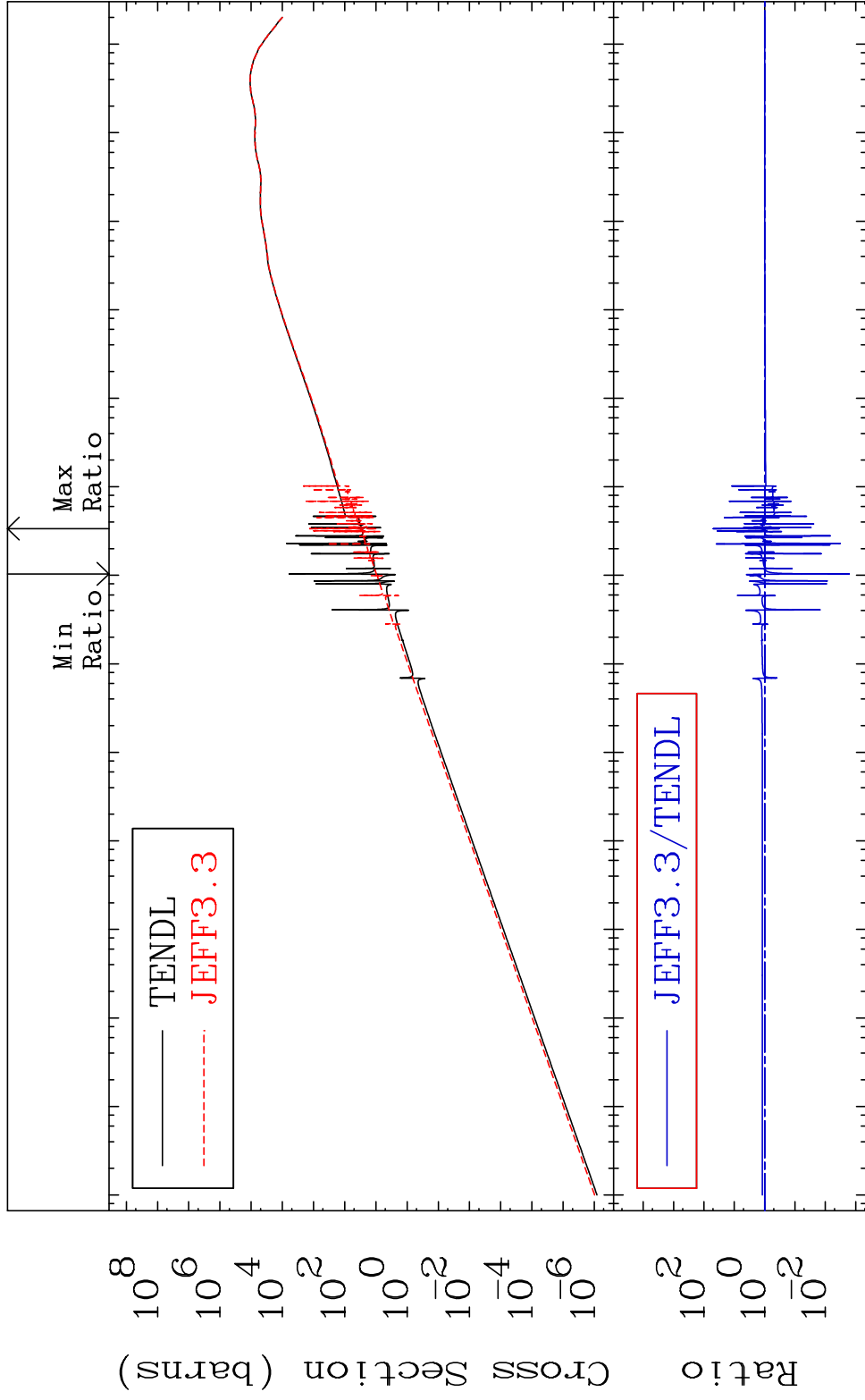


MAT 4737

Kerma elastic

47-Ag-111

Cross Section -99.84 To 4853. %

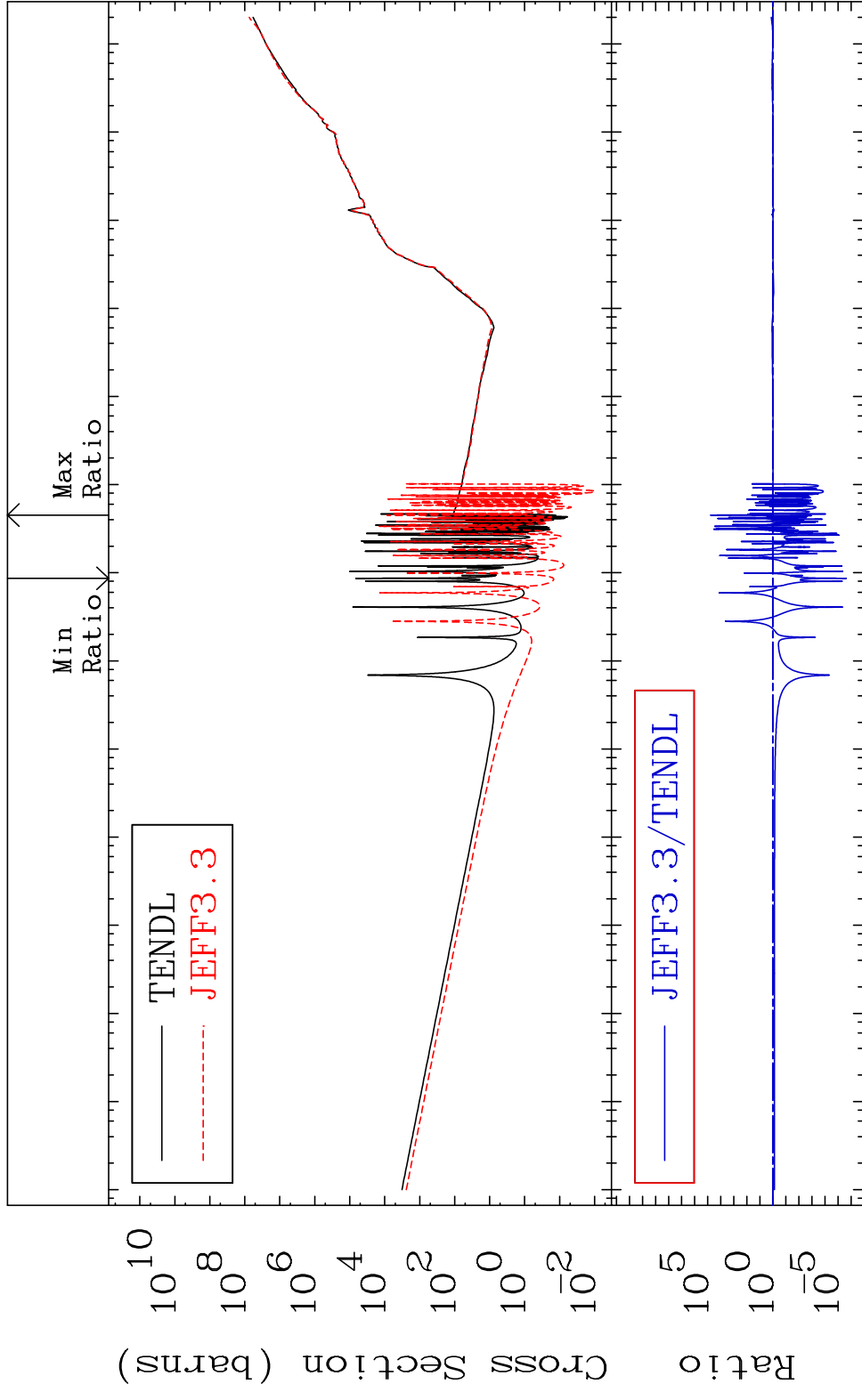


67

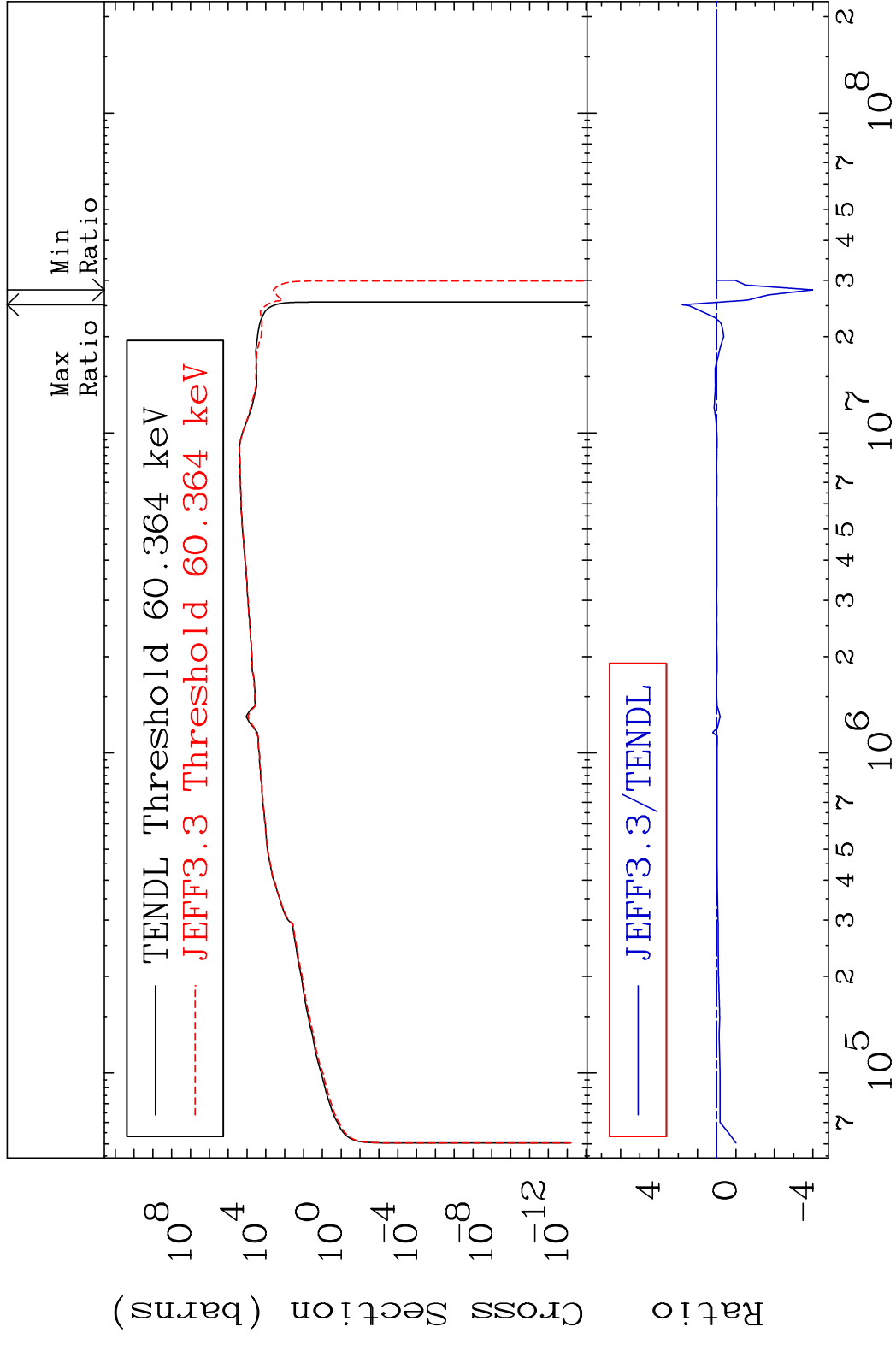
Incident Energy (eV)

47-Ag-111

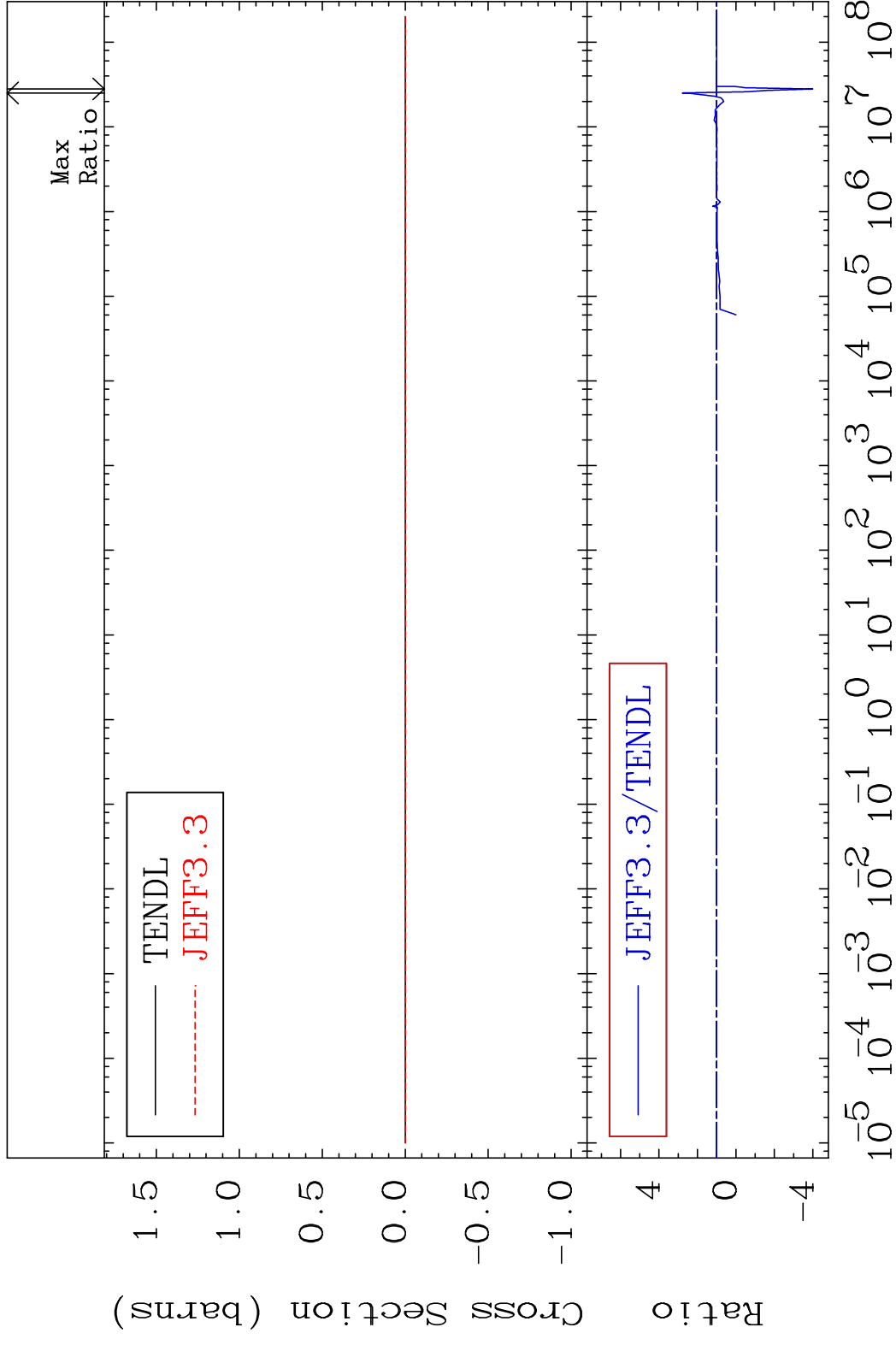
MAT 4737 Kerma non-elastic (all but mt2) 47-Ag-111
 Cross Section -100.0 To 9999. %



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



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

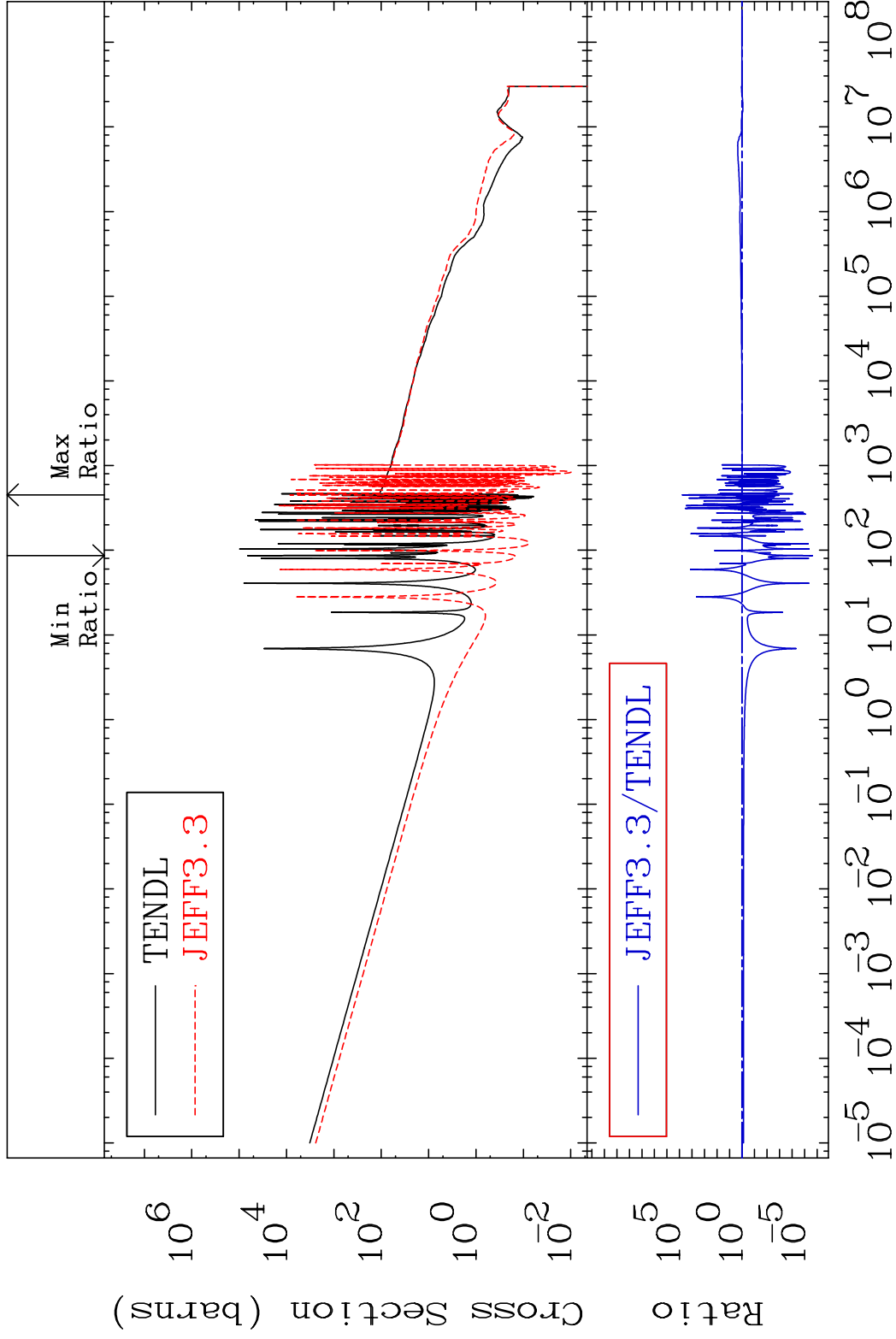


MAT 4737

Kerma capture (mt102)

47-Ag-111

Cross Section -100.0 To 9999. %



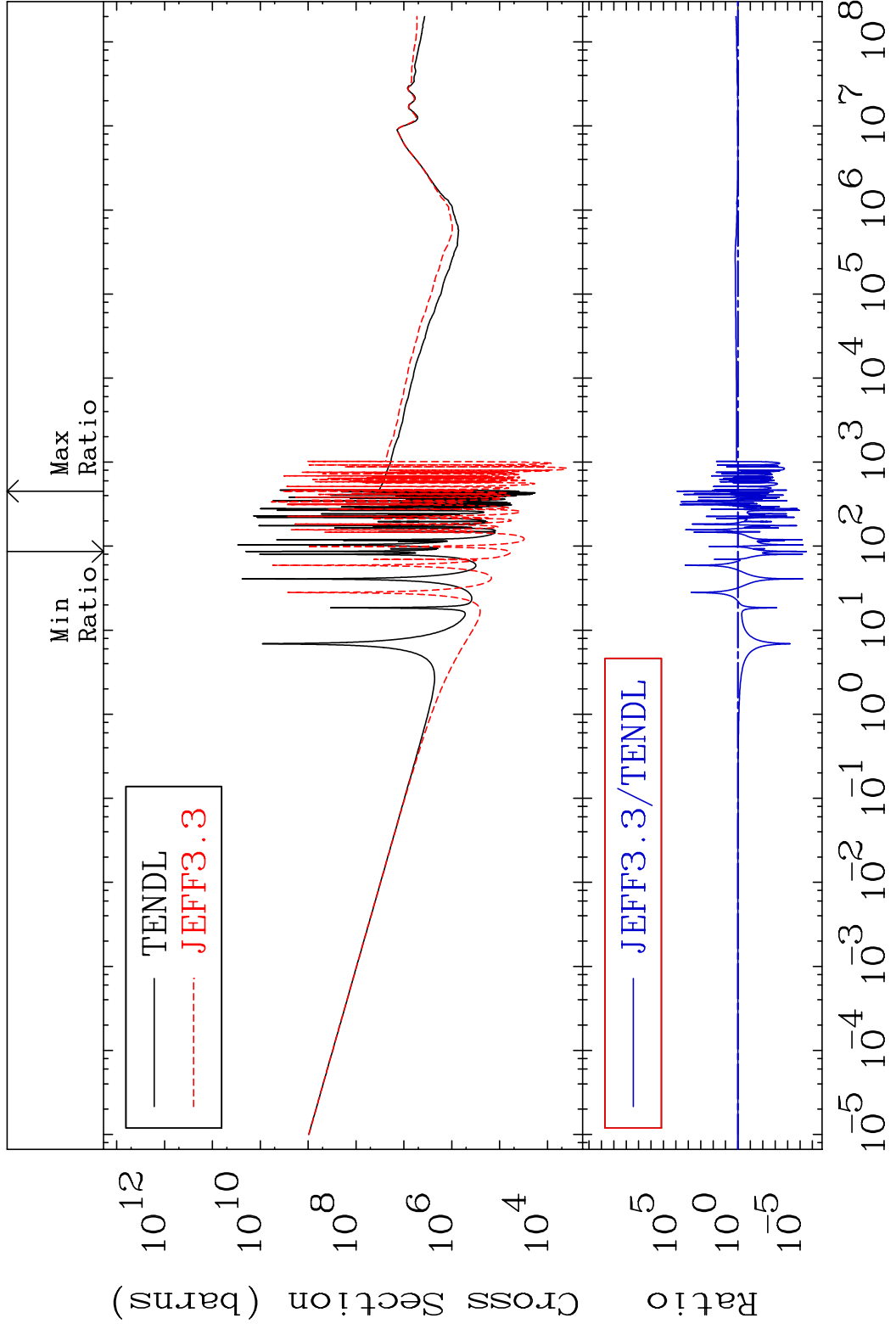
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Incident Energy (eV)

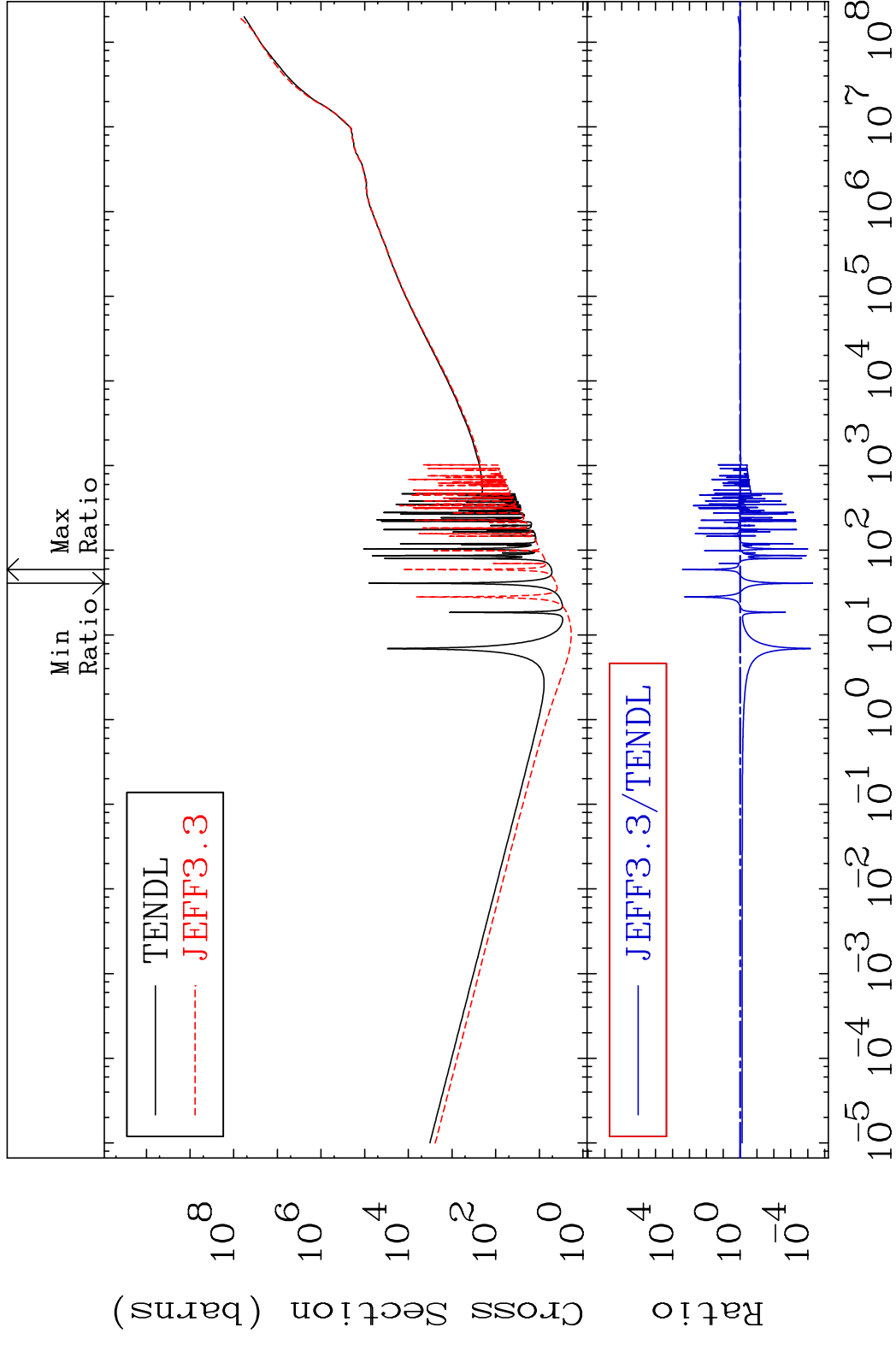
47-Ag-111

MAT 4737

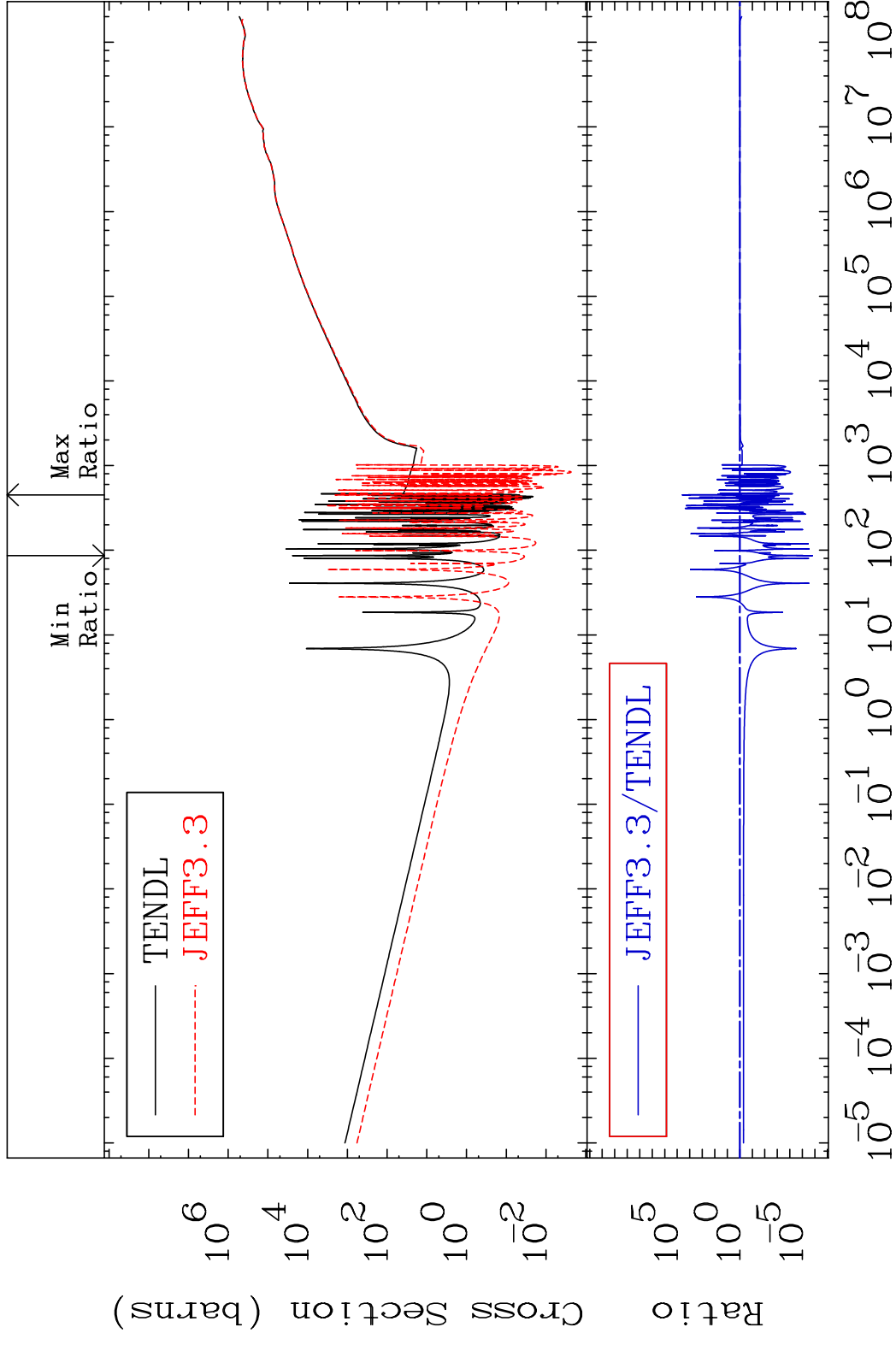
Total photon (eV-barns) 47-Ag-111
Cross Section -100.0 To 9999. %



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. %

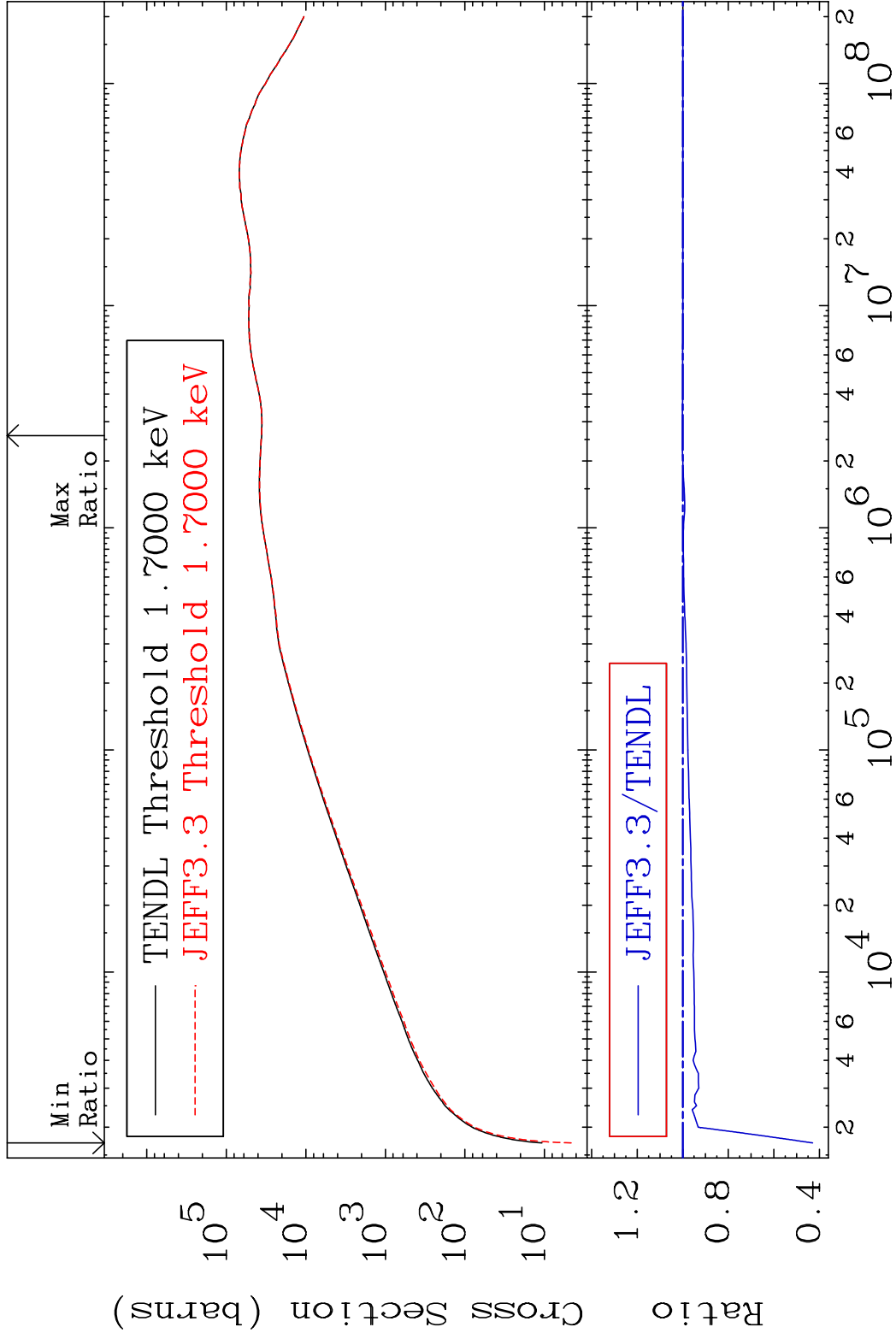


MAT 4737

Dpa elastic (mt2)

47-Ag-111

Cross Section -56.99 To 0.170 %

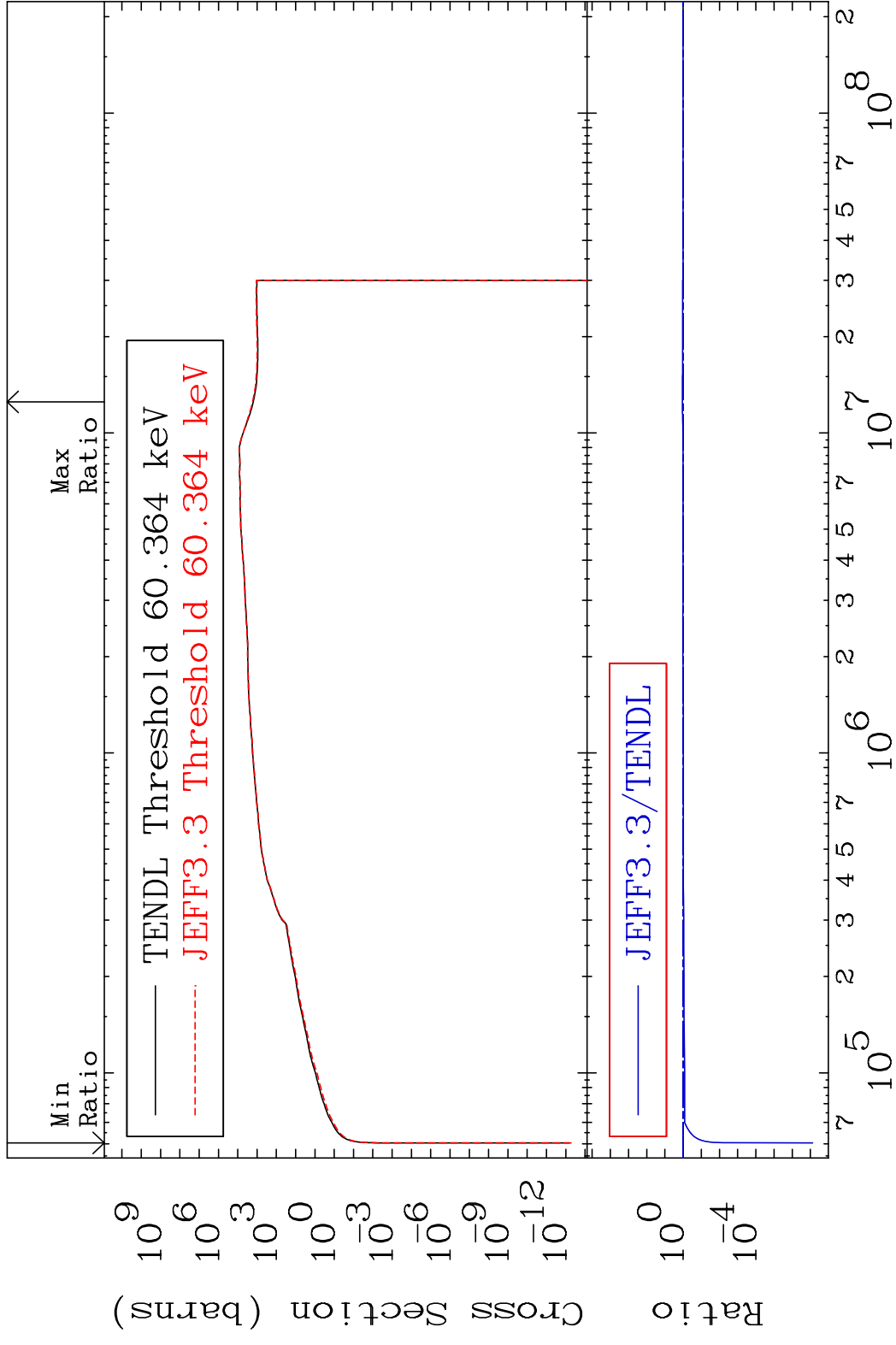


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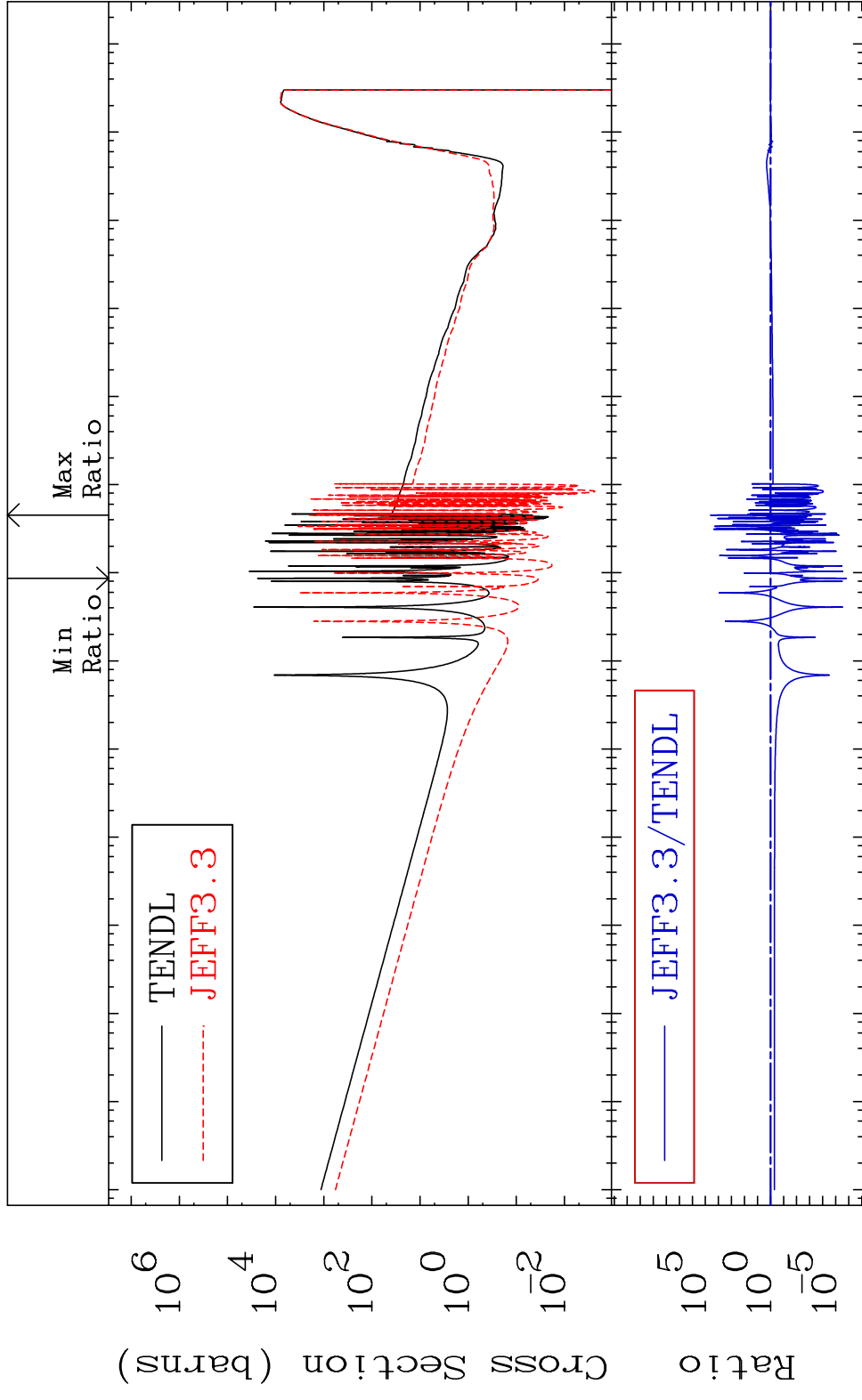
Incident Energy (eV)

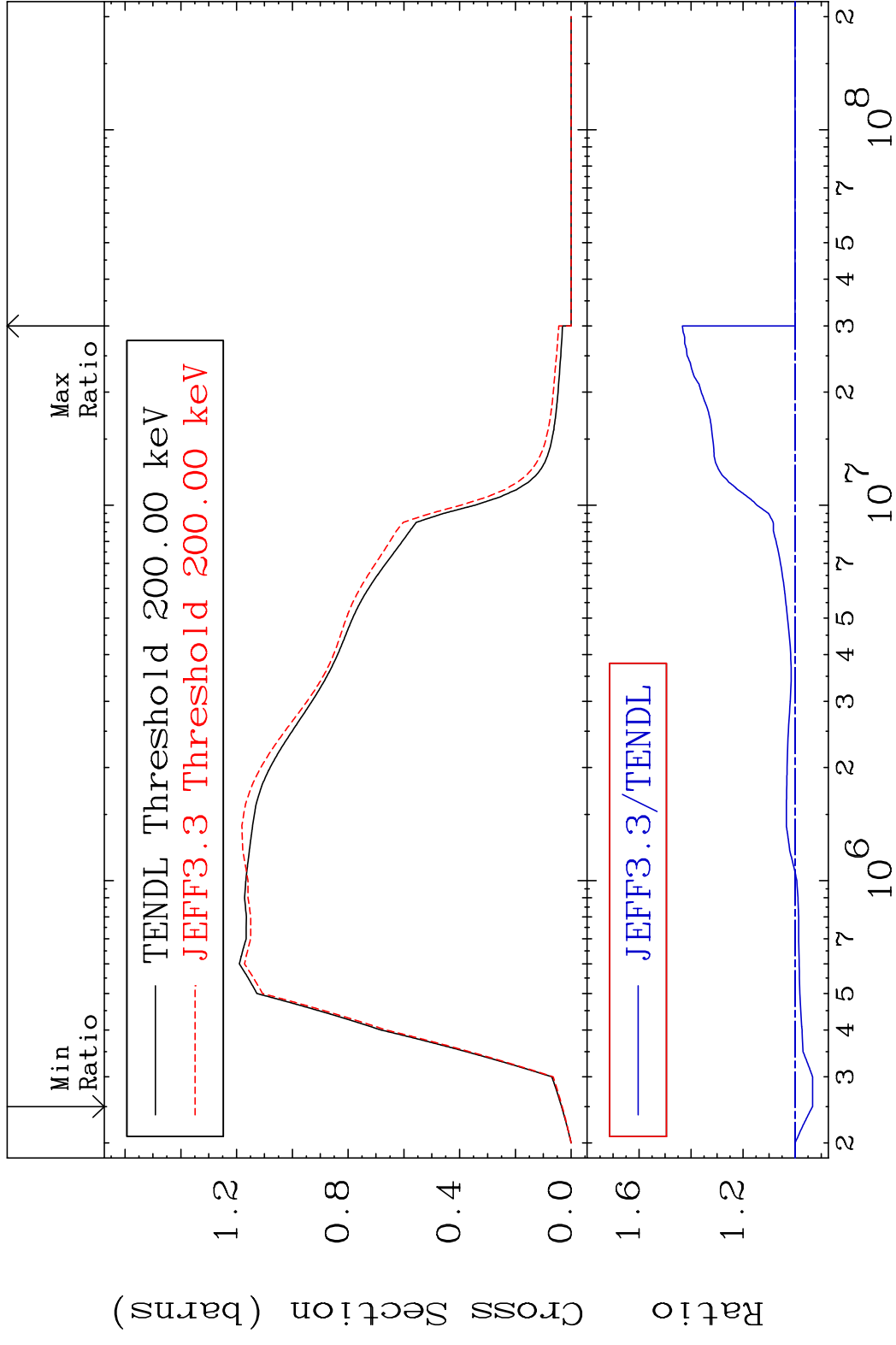
47-Ag-111

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

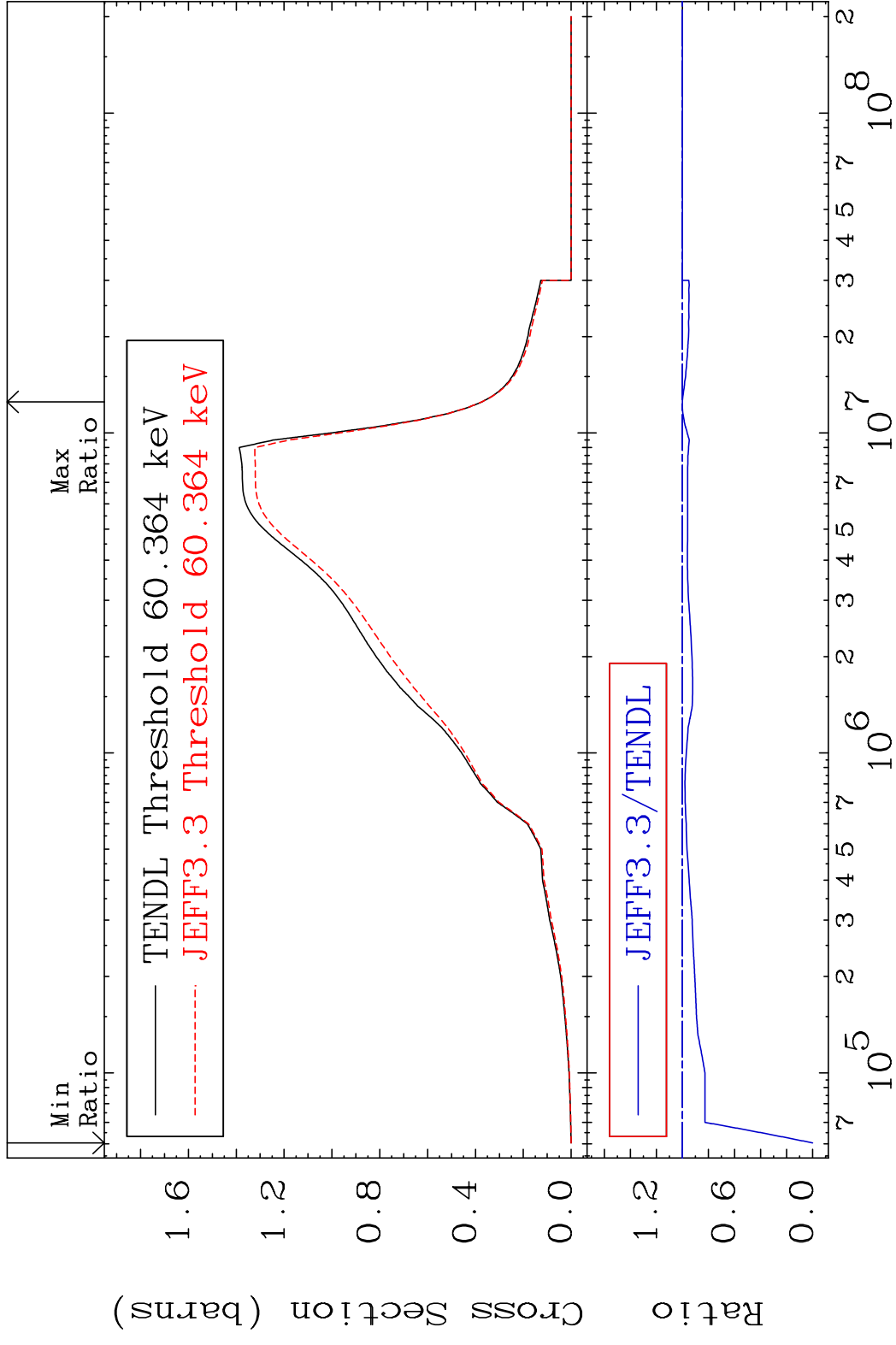


MAT 4737 Dpa disappearance (mt102 -120) 47-Ag-111
 Cross Section -100.0 To 9999. %



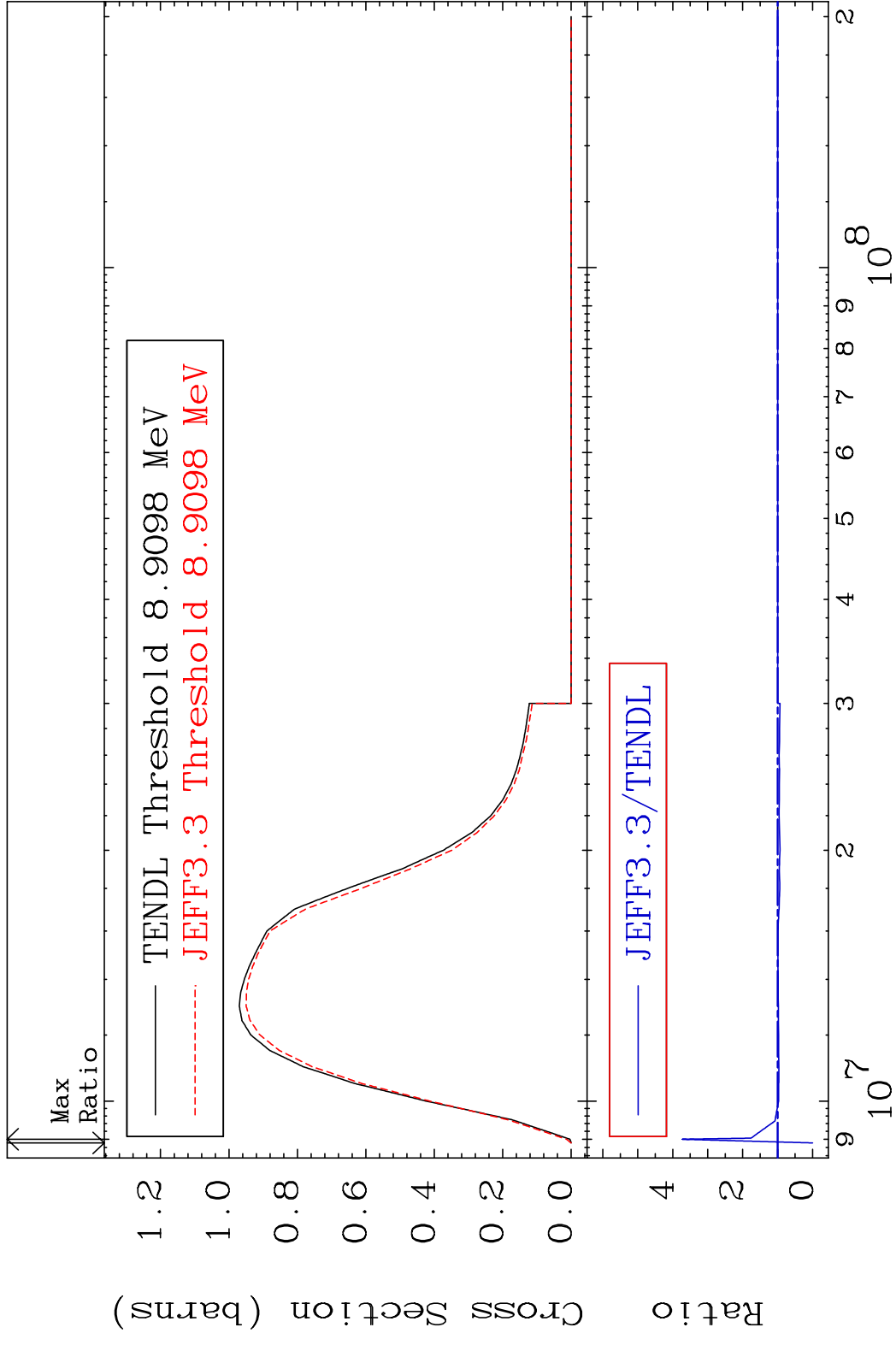


MAT 4737 Inelastic:47-Ag-111m1 47-Ag-111
 Radionuclide Production Cross Section 180.01 dno 0.093 %

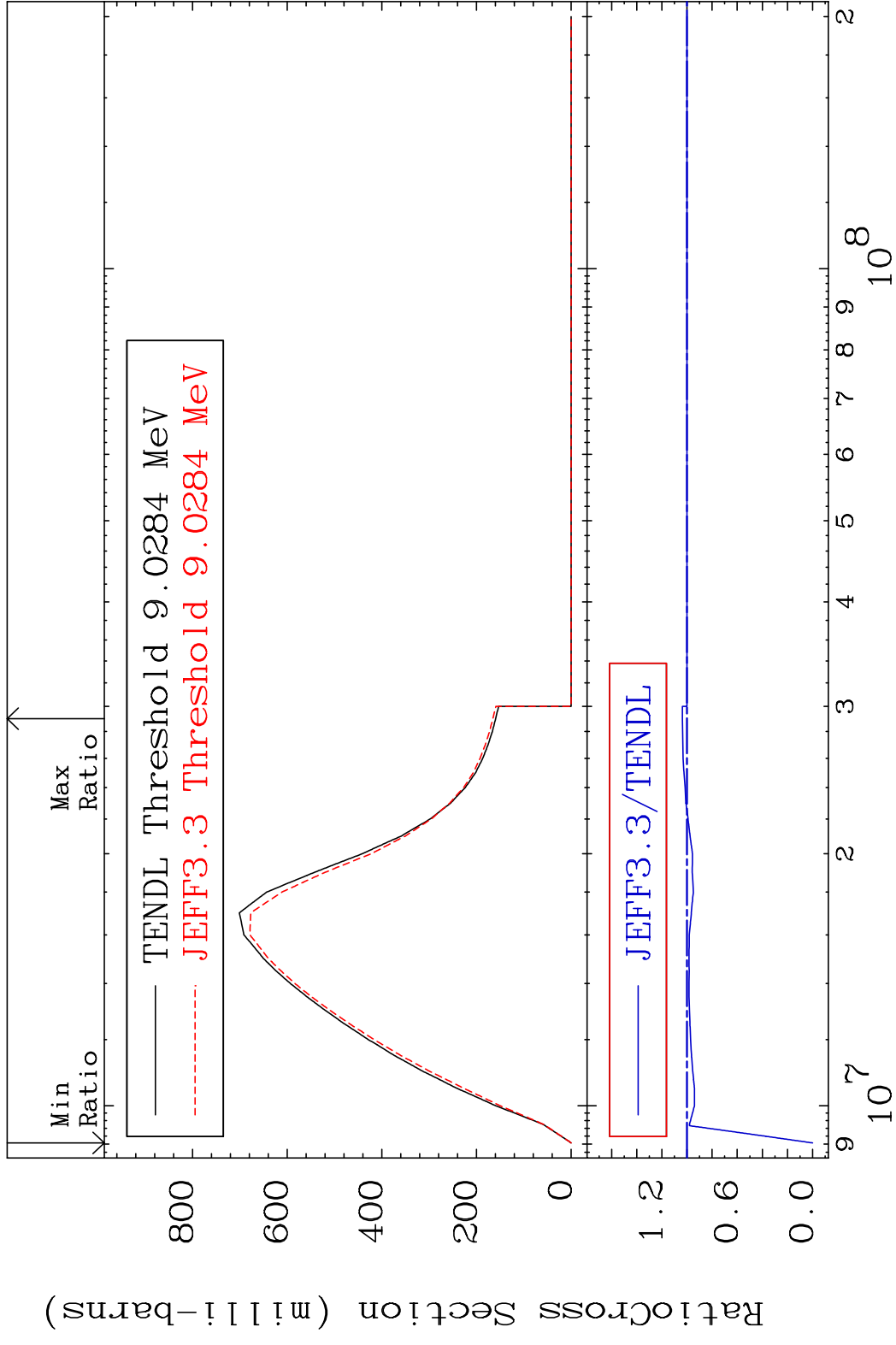


79 Incident Energy (eV) 47-Ag-111

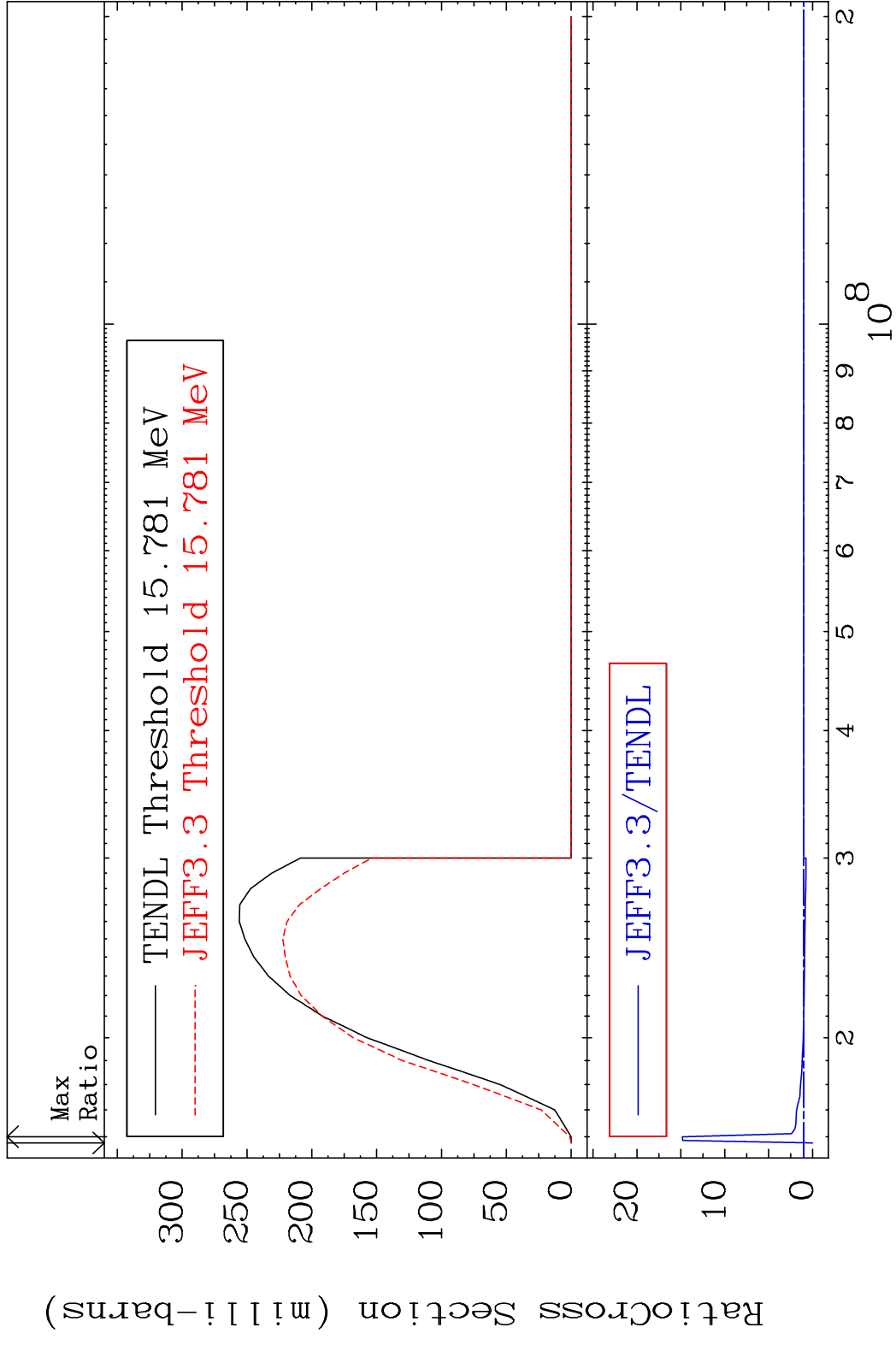
MAT 4737 (n,2n):47-Ag-110g 47-Ag-111
 Radionuclide Production Cross Section 180.01 dth 272.5 %

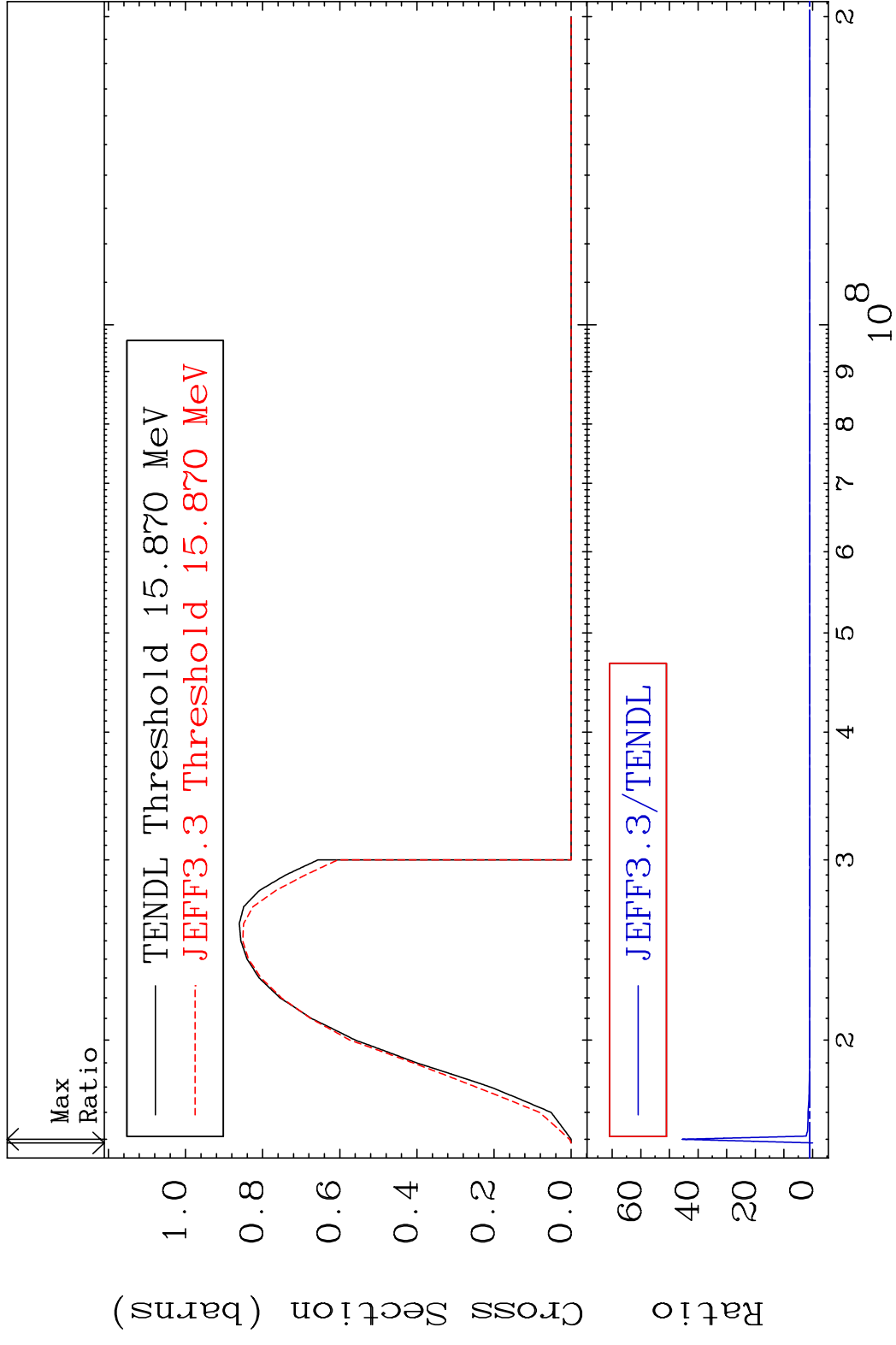


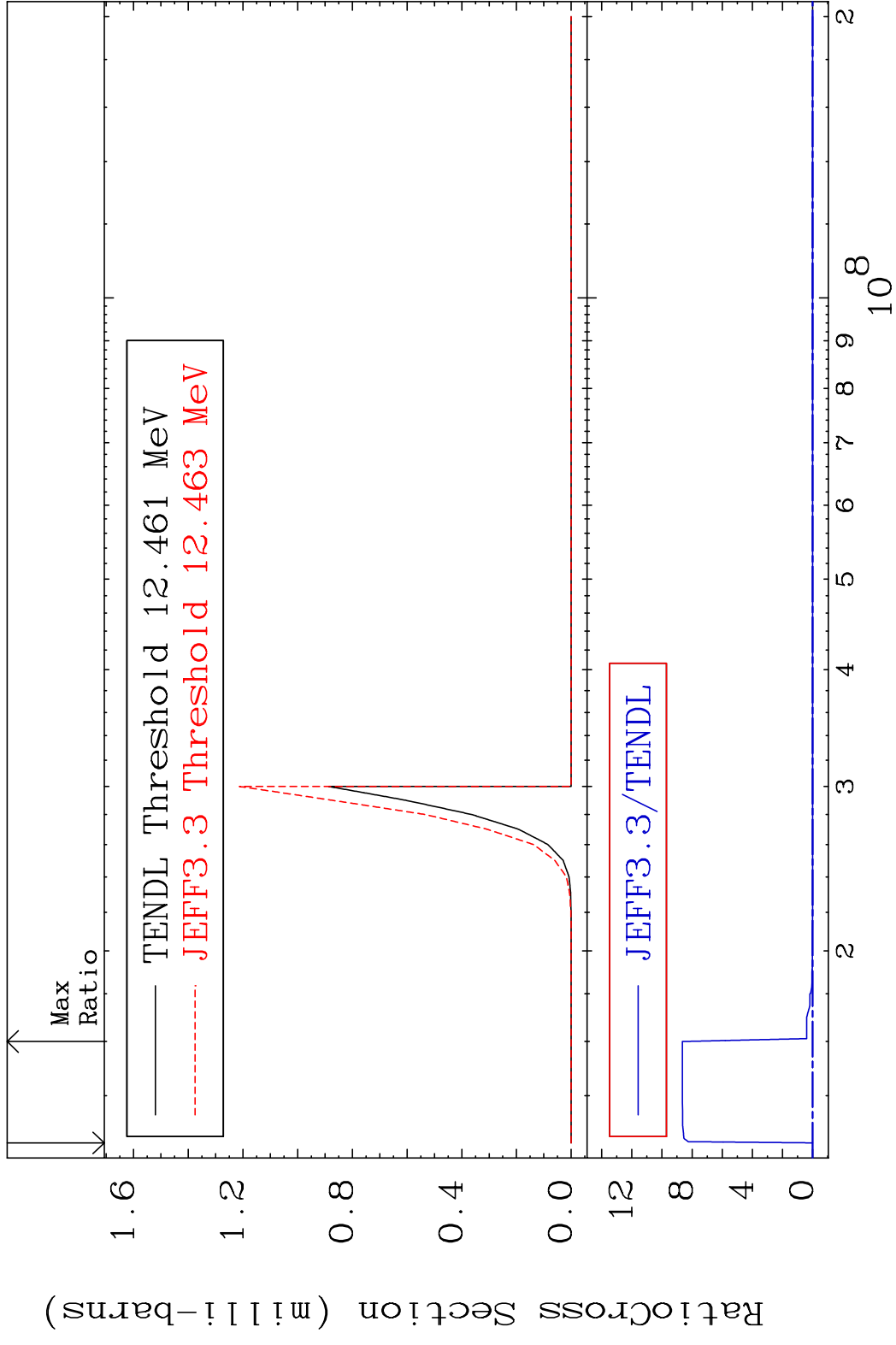
MAT 4737 (n,2n): 47-Ag-110m2 47-Ag-111
 Radionuclide Production Cross Section Ratio 3.713 %

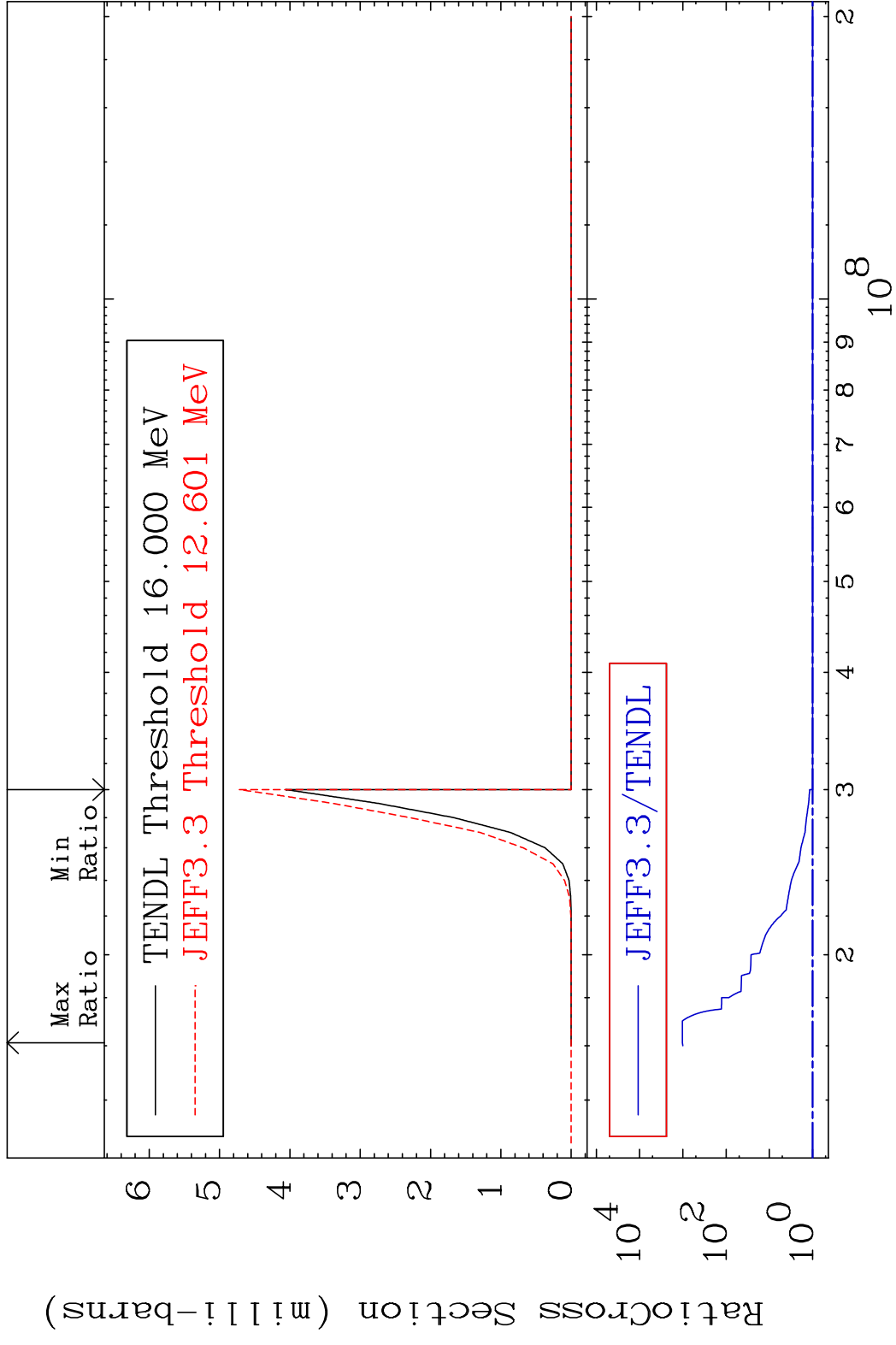


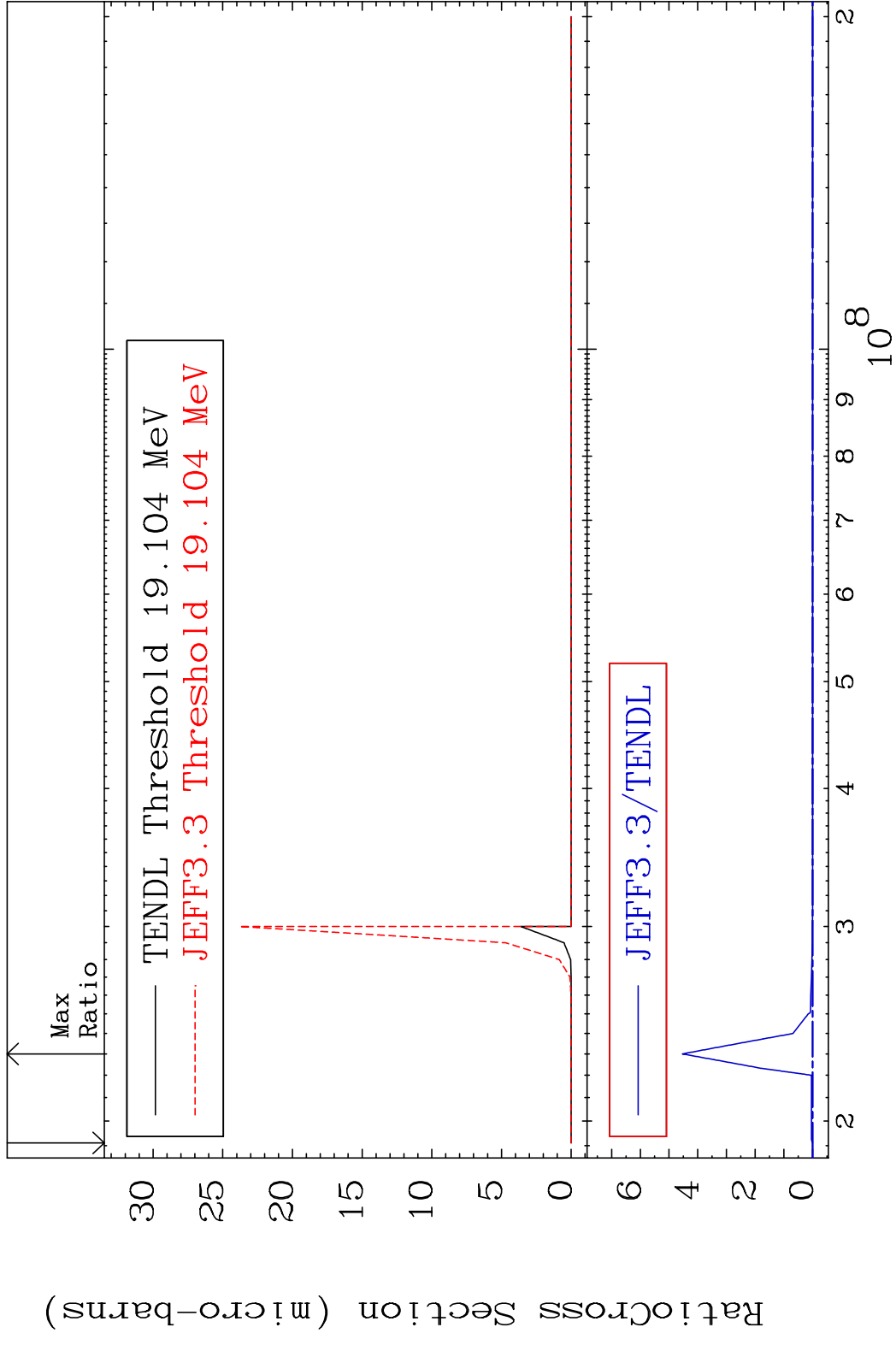
MAT 4737 (n,3n):47-Ag-109g 47-Ag-111
 Radionuclide Production Cross Section 1383. %



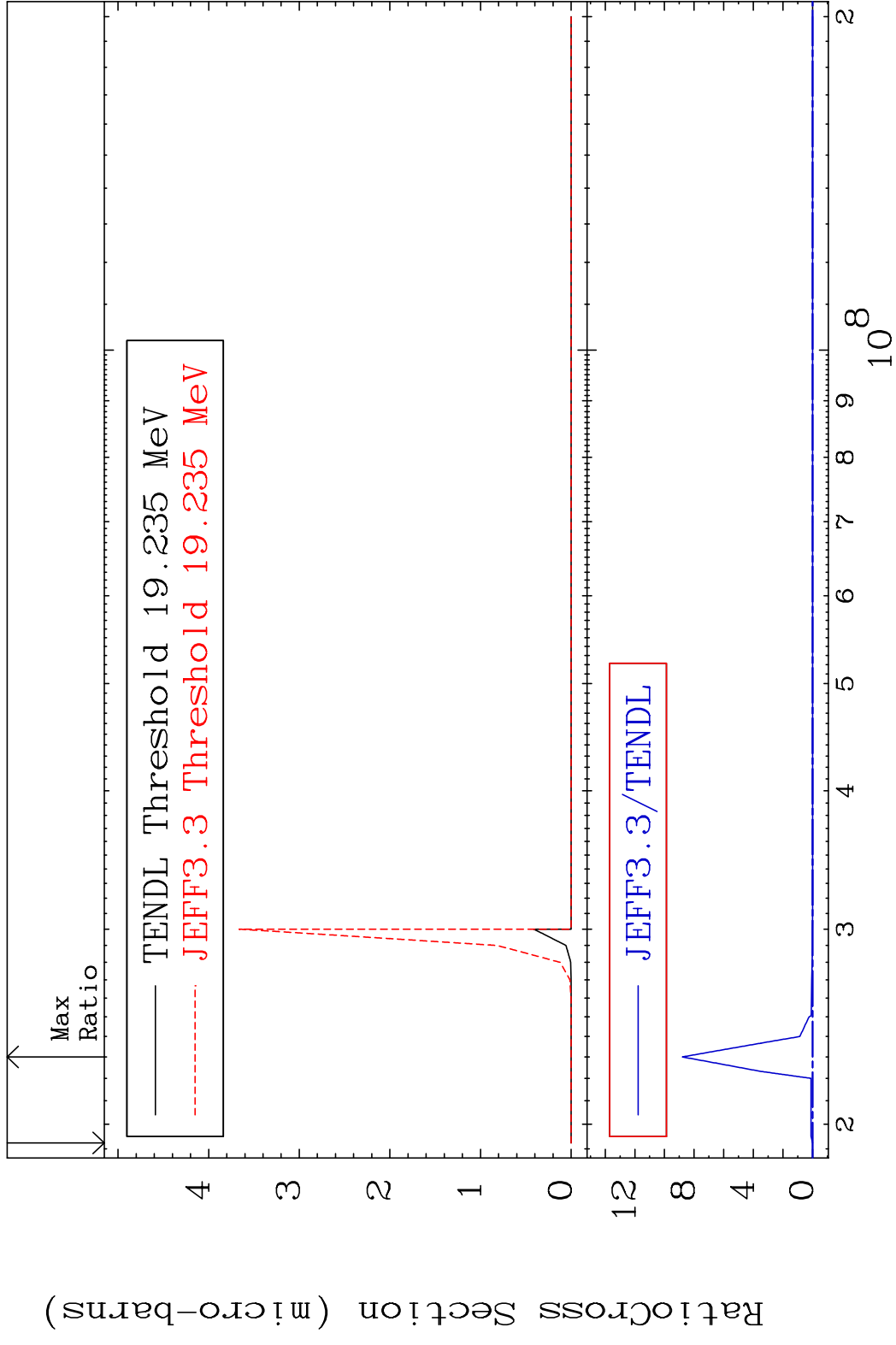


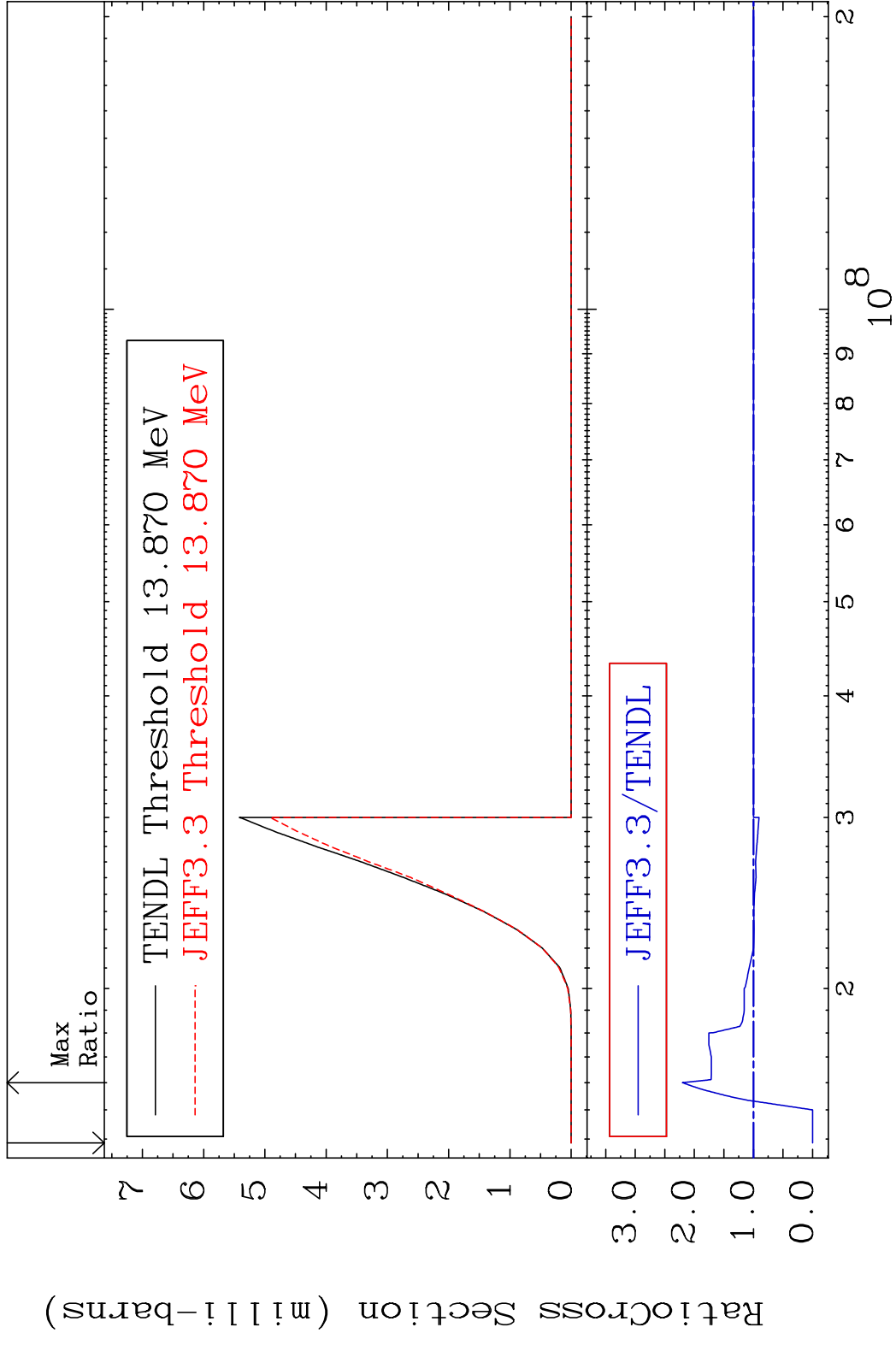


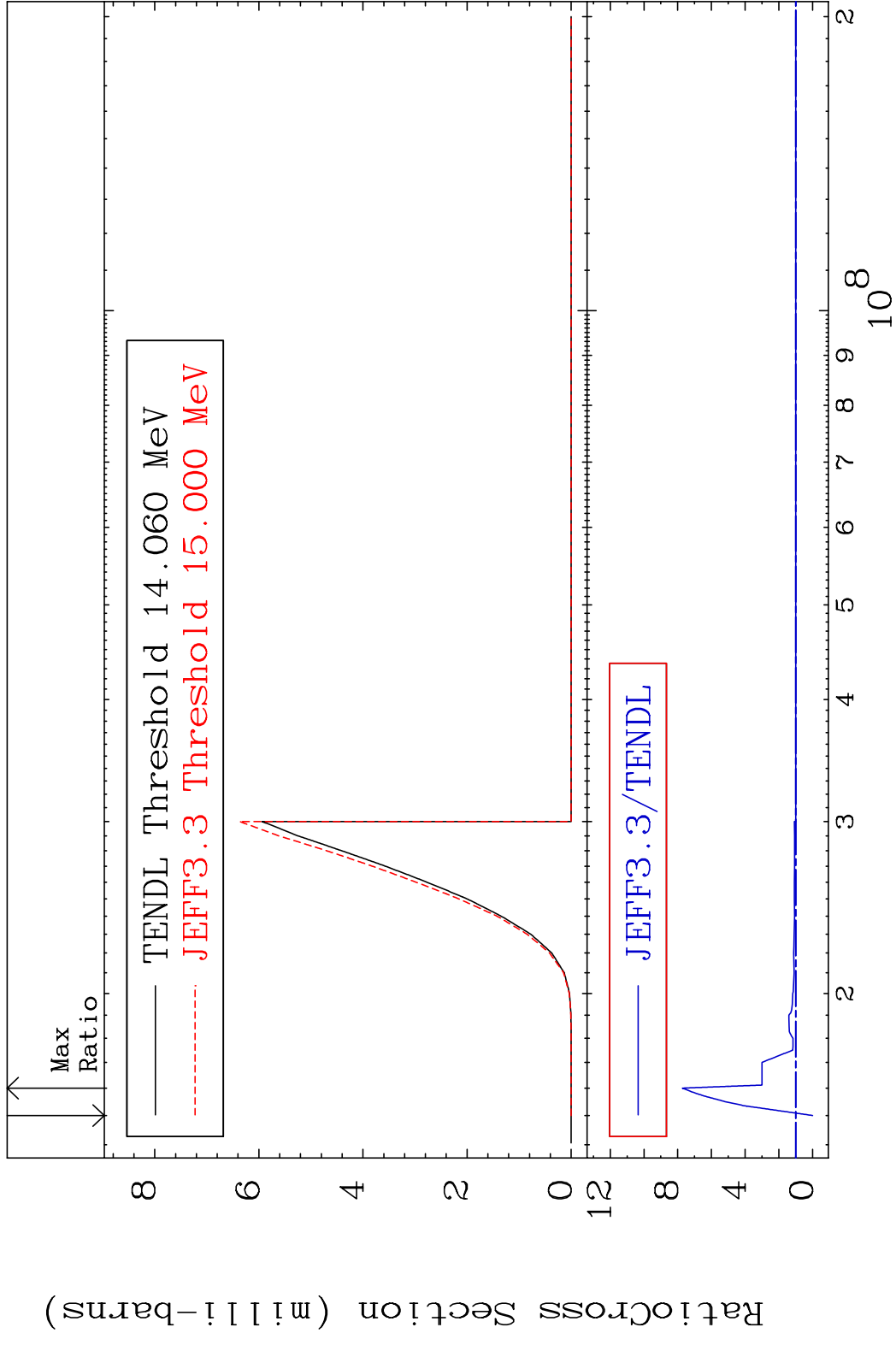




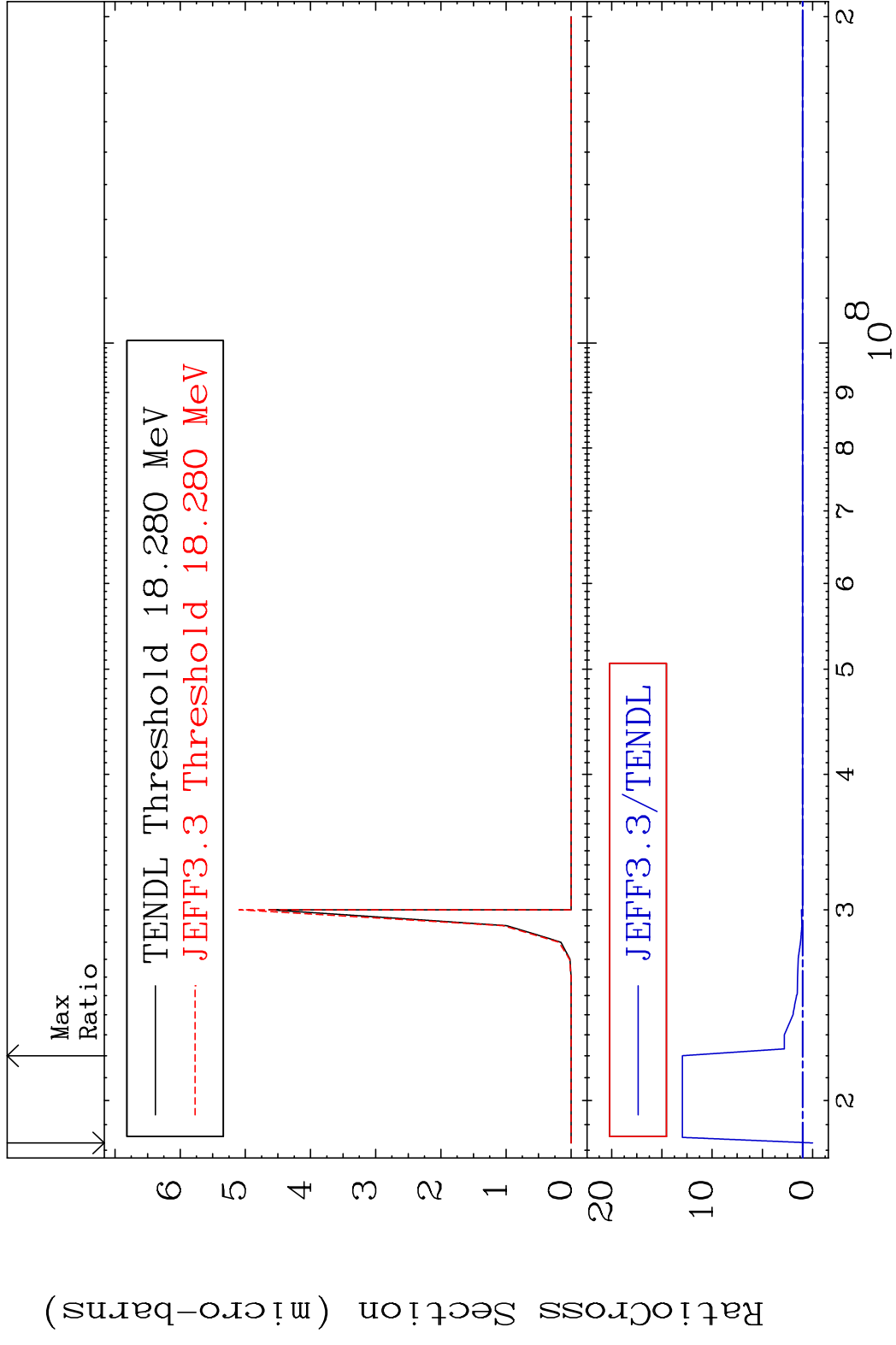
MAT 4737 (n,3n) α :45-Rh-105m1 47-Ag-111
 Radionuclide Production Cross Section to 9999. %

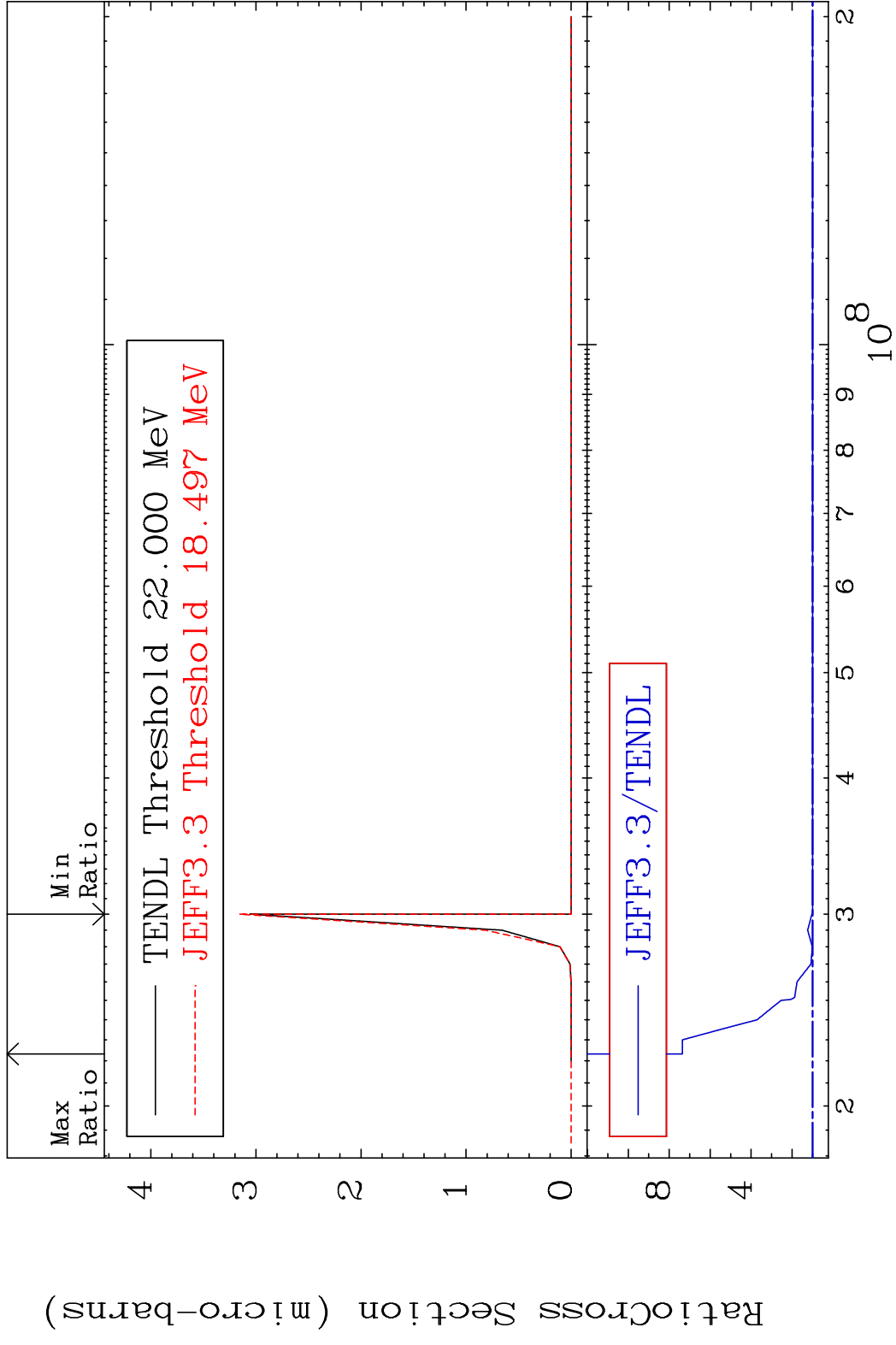




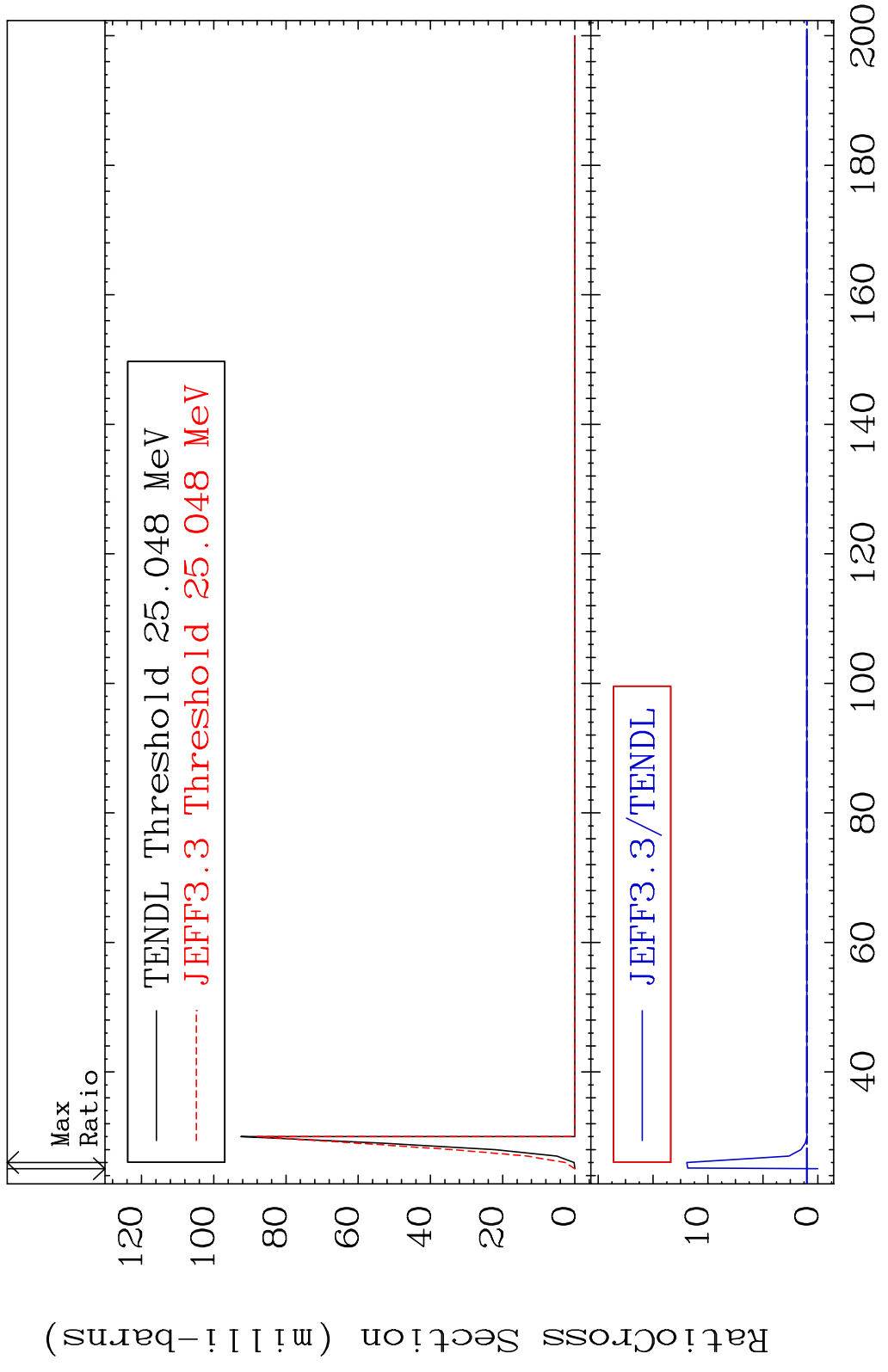


MAT 4737 (n, n') He-3:45-Rh-108g 47-Ag-111
 Radionuclide Production Cross Section 18.280 MeV 1196. %

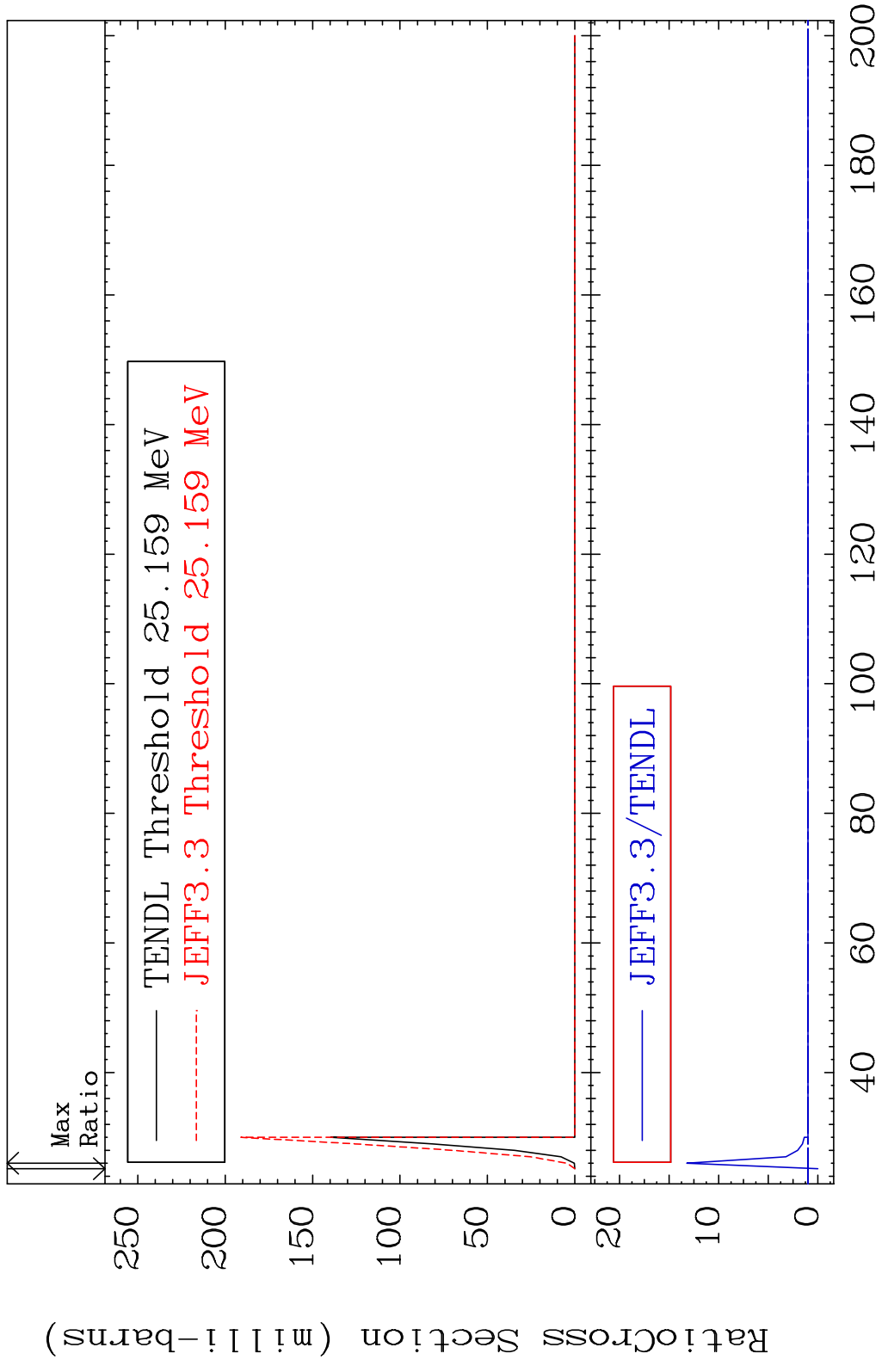


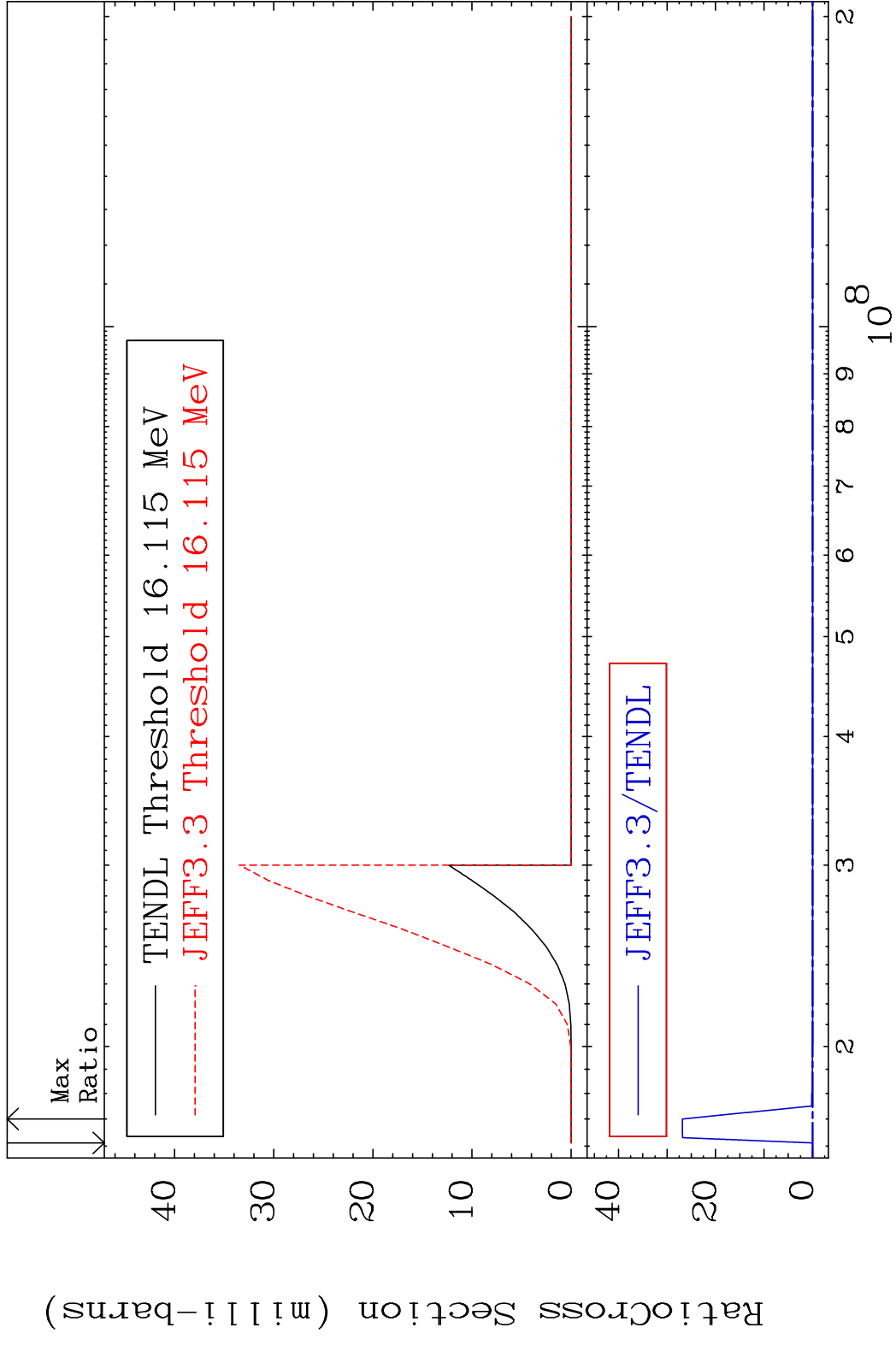


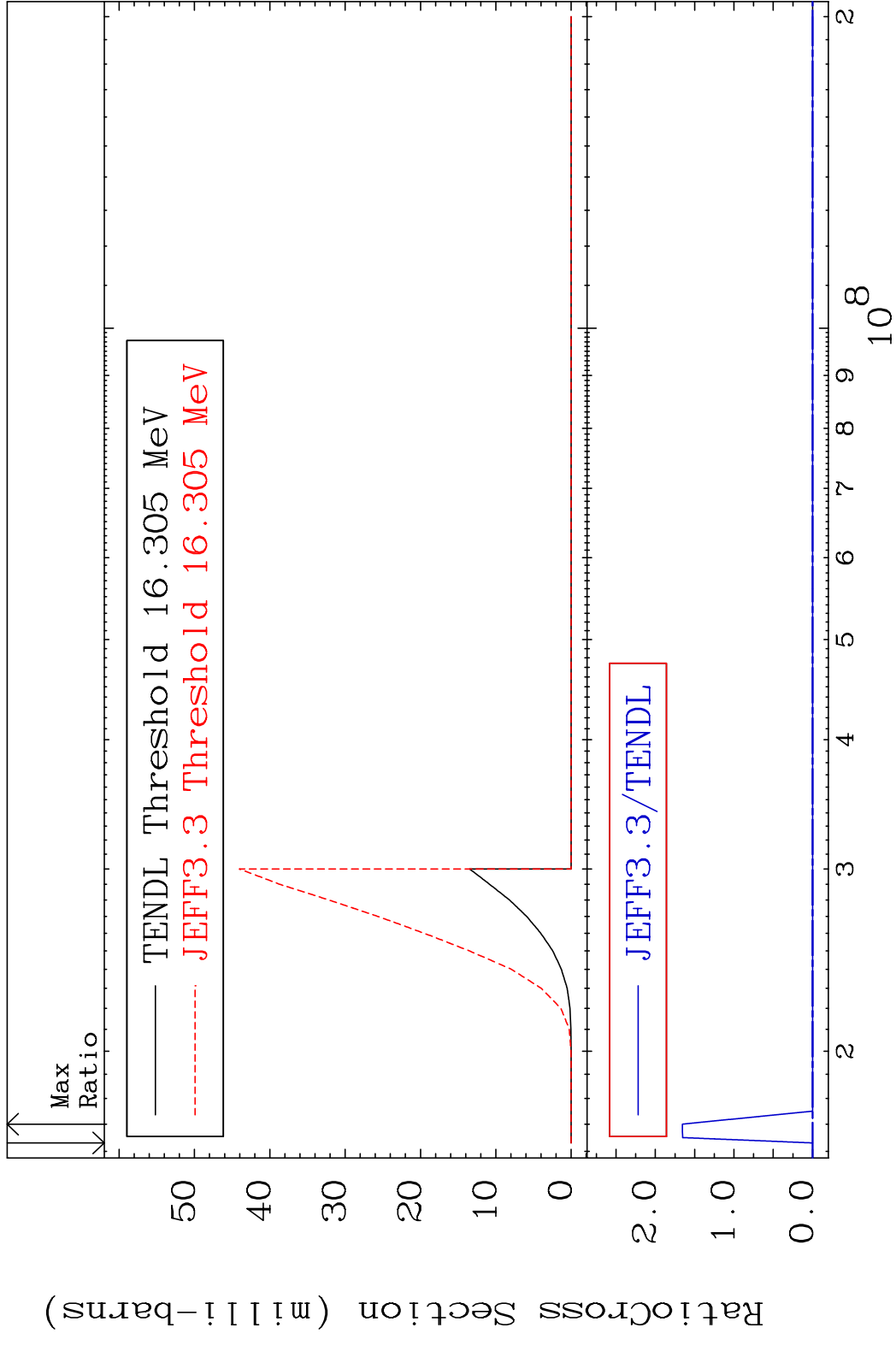
MAT 4737 (n,4n):47-Ag-108g 47-Ag-111
 Radionuclide Production Cross Section 100% to 1093. %

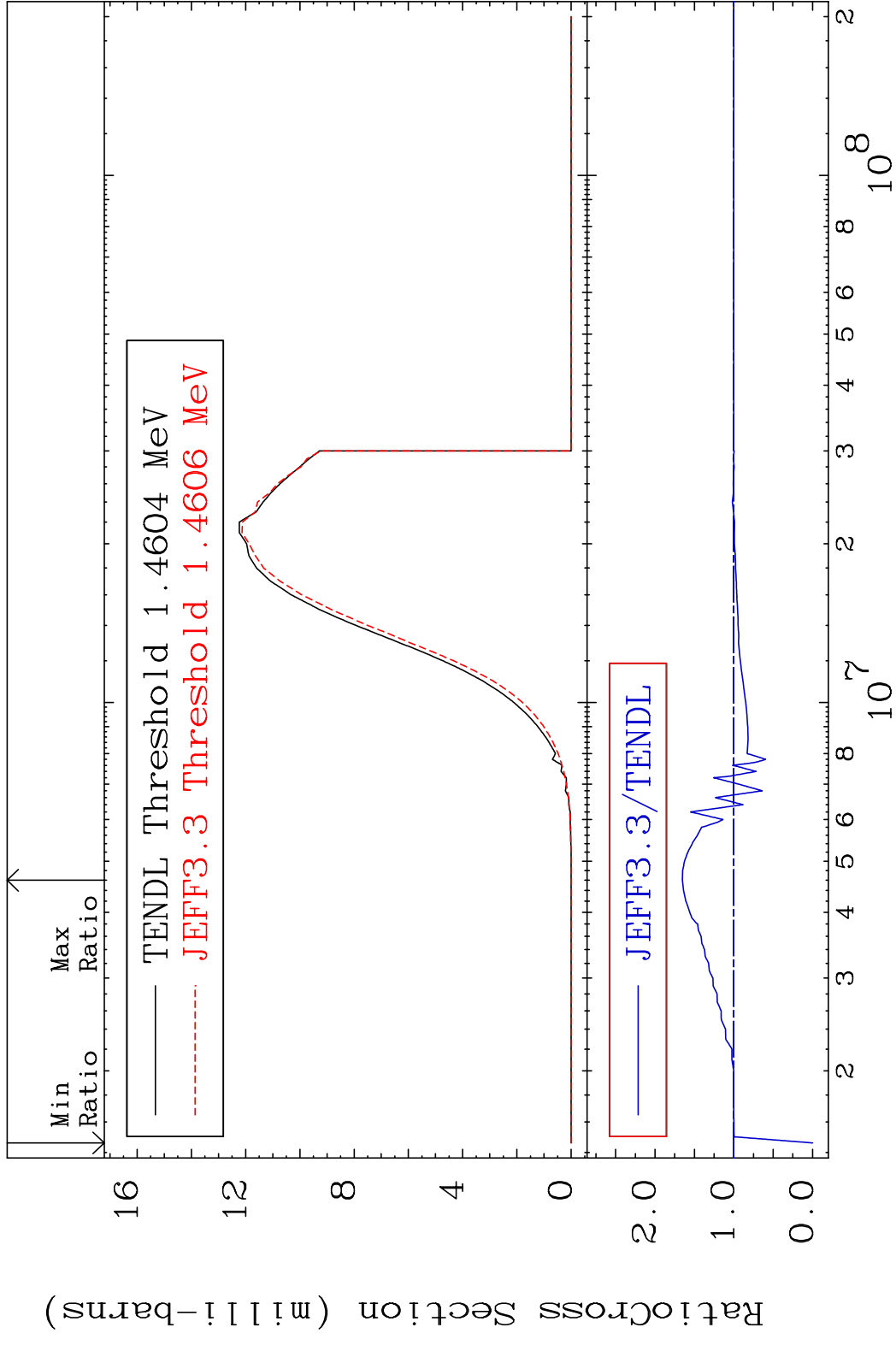


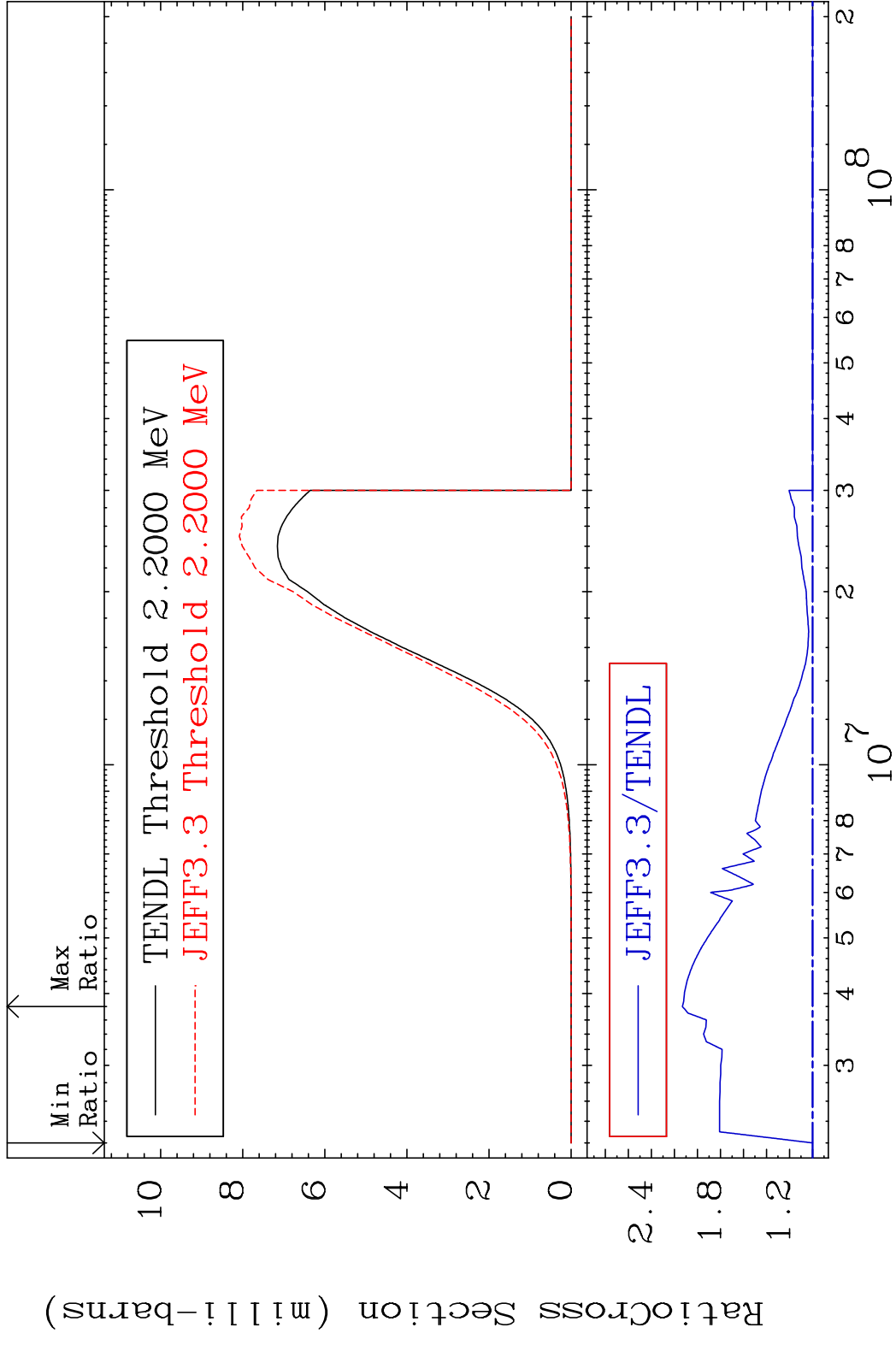
MAT 4737 (n, 4n) : 47-Ag-108m2 47-Ag-111
 Radionuclide Production Cross Section 1800.0 dth 1222. %



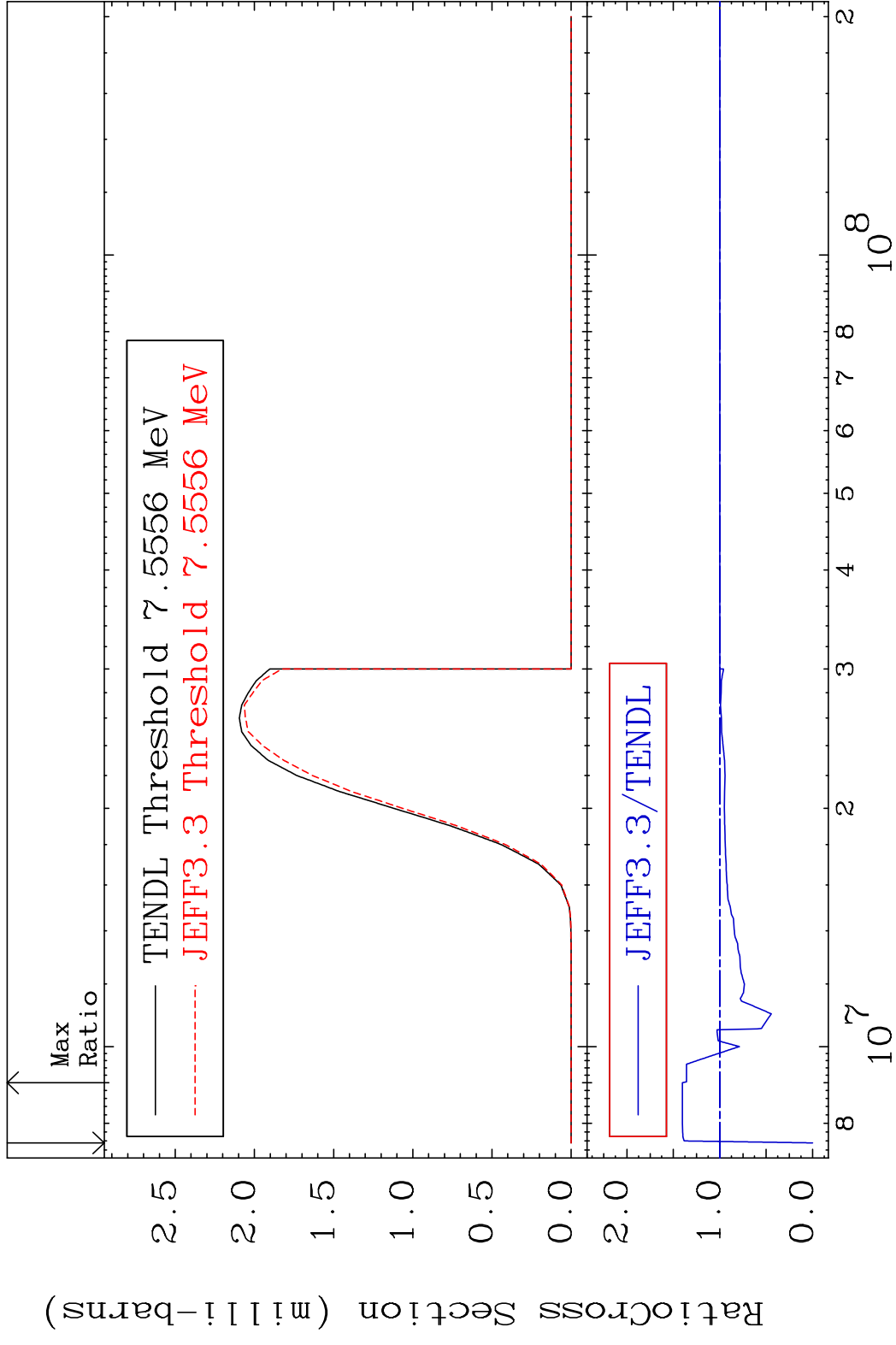




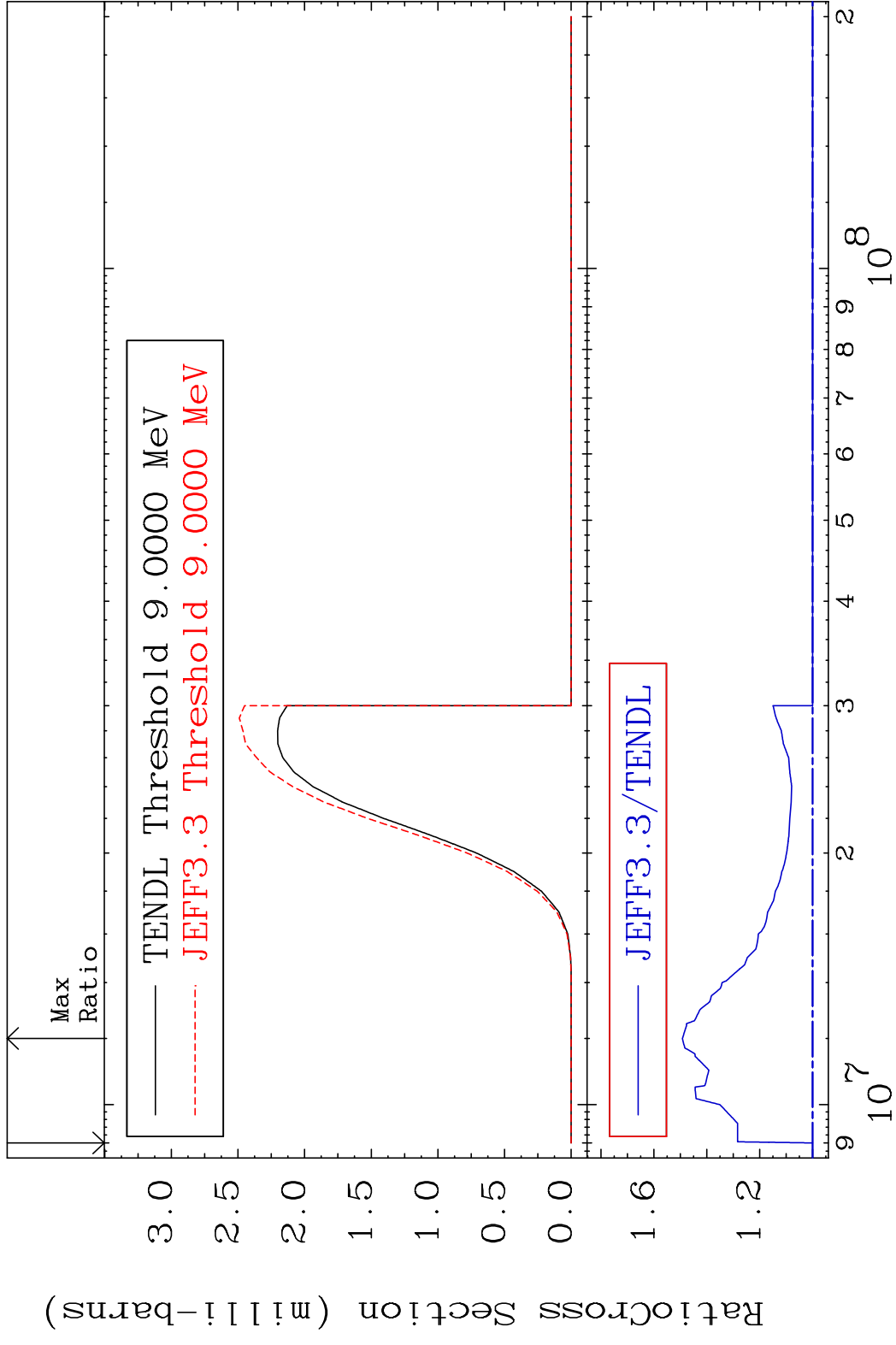




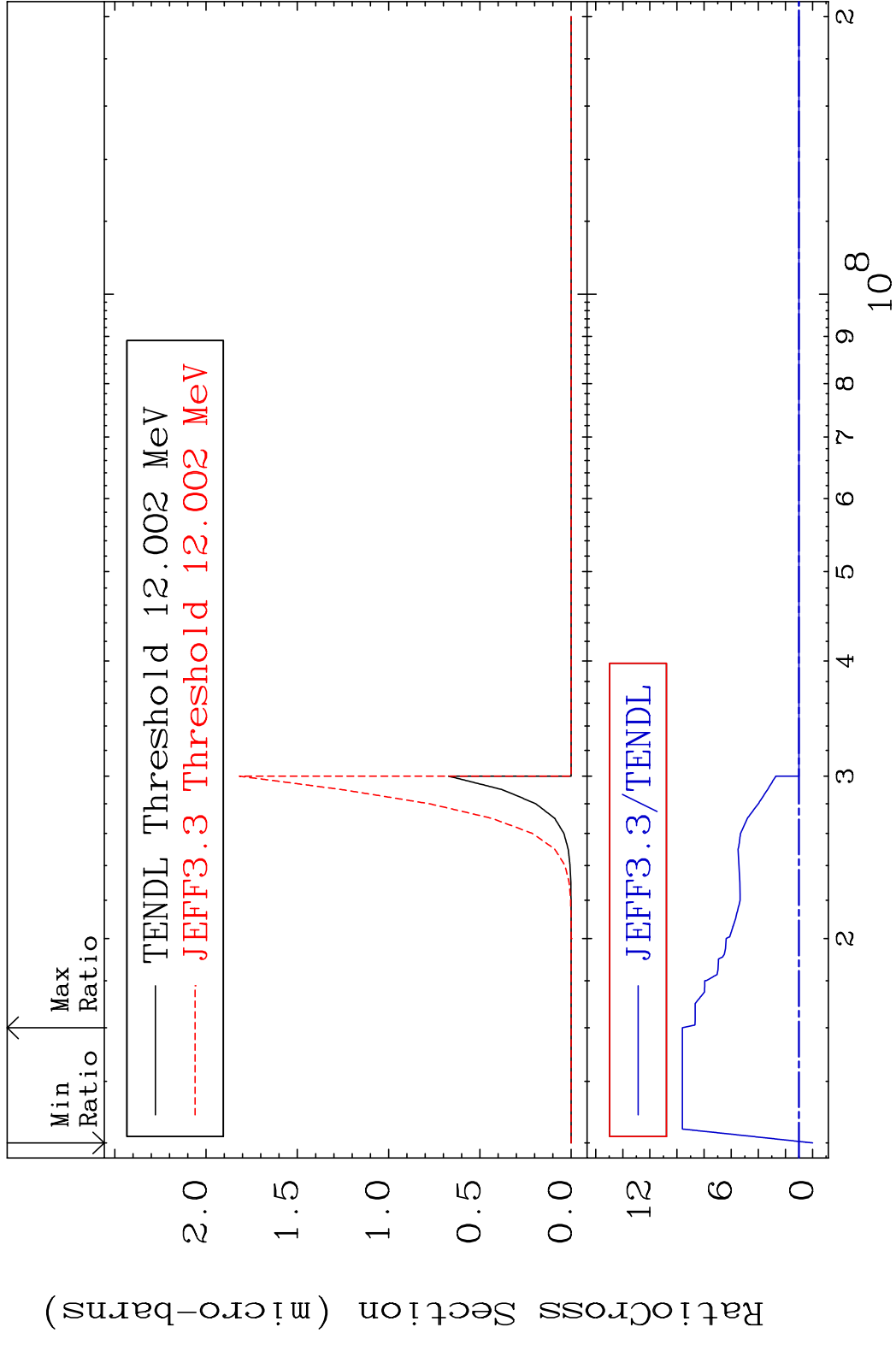
MAT 4737 (n,t):46-Pd-109g 47-Ag-111
 Radionuclide Production Cross Section 40.28 %



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

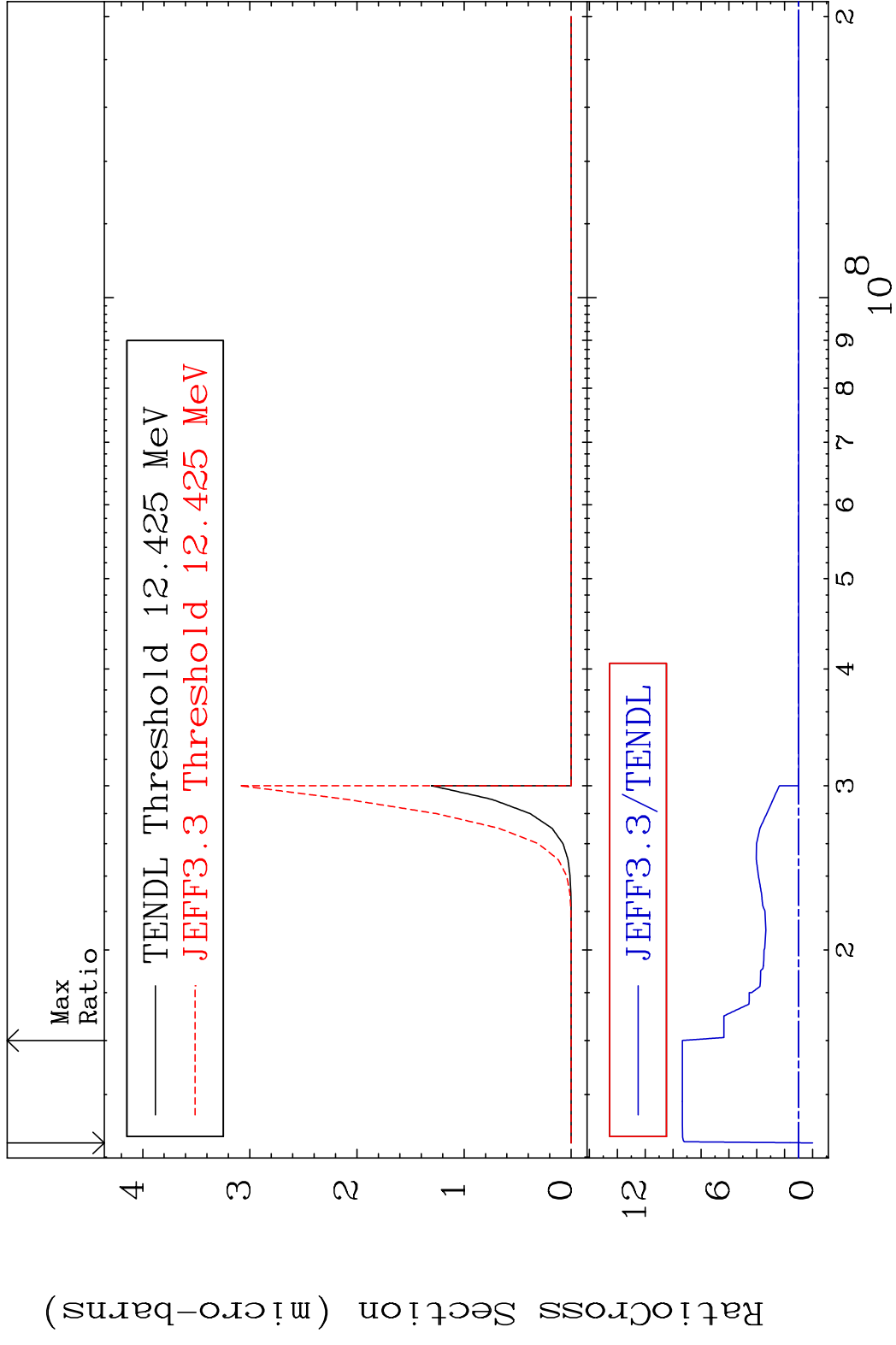


MAT 4737 (n,2p):45-Rh-110g 47-Ag-111
 Radionuclide Production Cross Section 186.01 dth 860.4 %

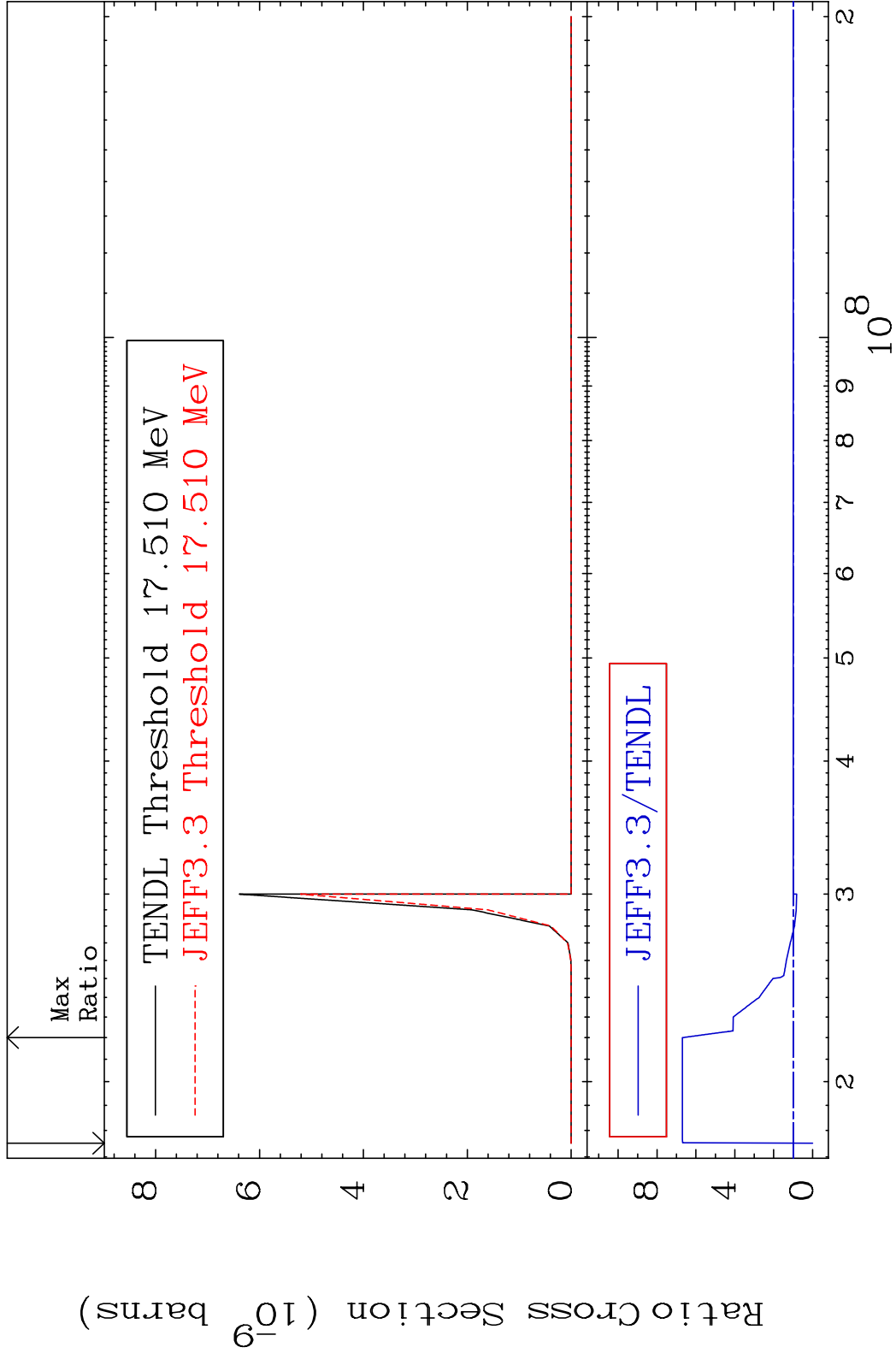


100 Incident Energy (eV) 47-Ag-111

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 %



MAT 4737 (n, p) t:45-Rh-108m4 47-Ag-111
 Radionuclide Production Cross Section 306.4 %

