

Program Complot
(Version 2021-1)

by

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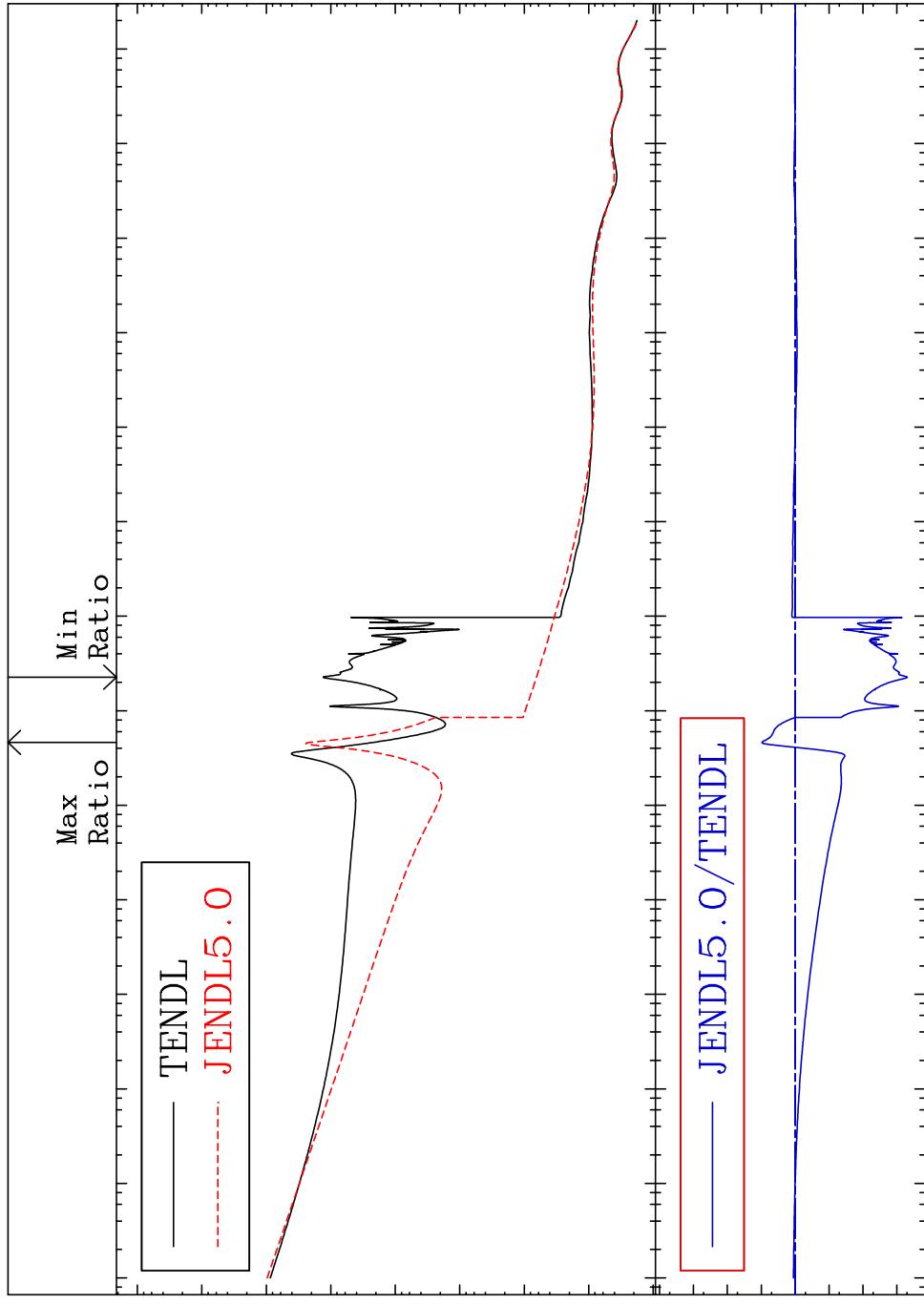
Press Mouse Button to Start

MAT 4531

Total

45-Rh-105

Cross Section -99.95 To 860.3 %



Cross Section (barns)
Ratio

Incident Energy (eV)

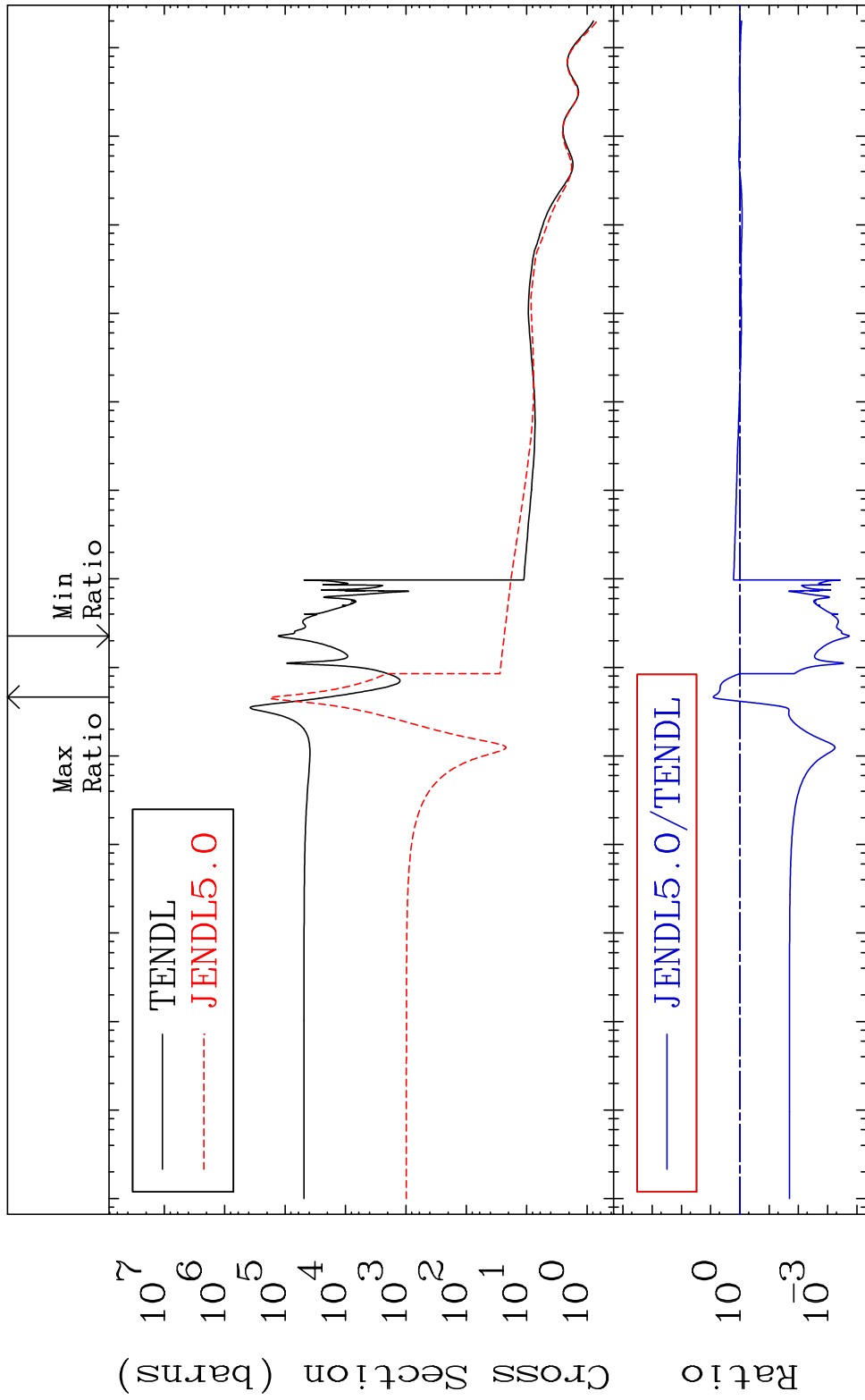
1

45-Rh-105

MAT 4531

Elastic Cross Section -99.98 To 720.9 %

45-Rh-105

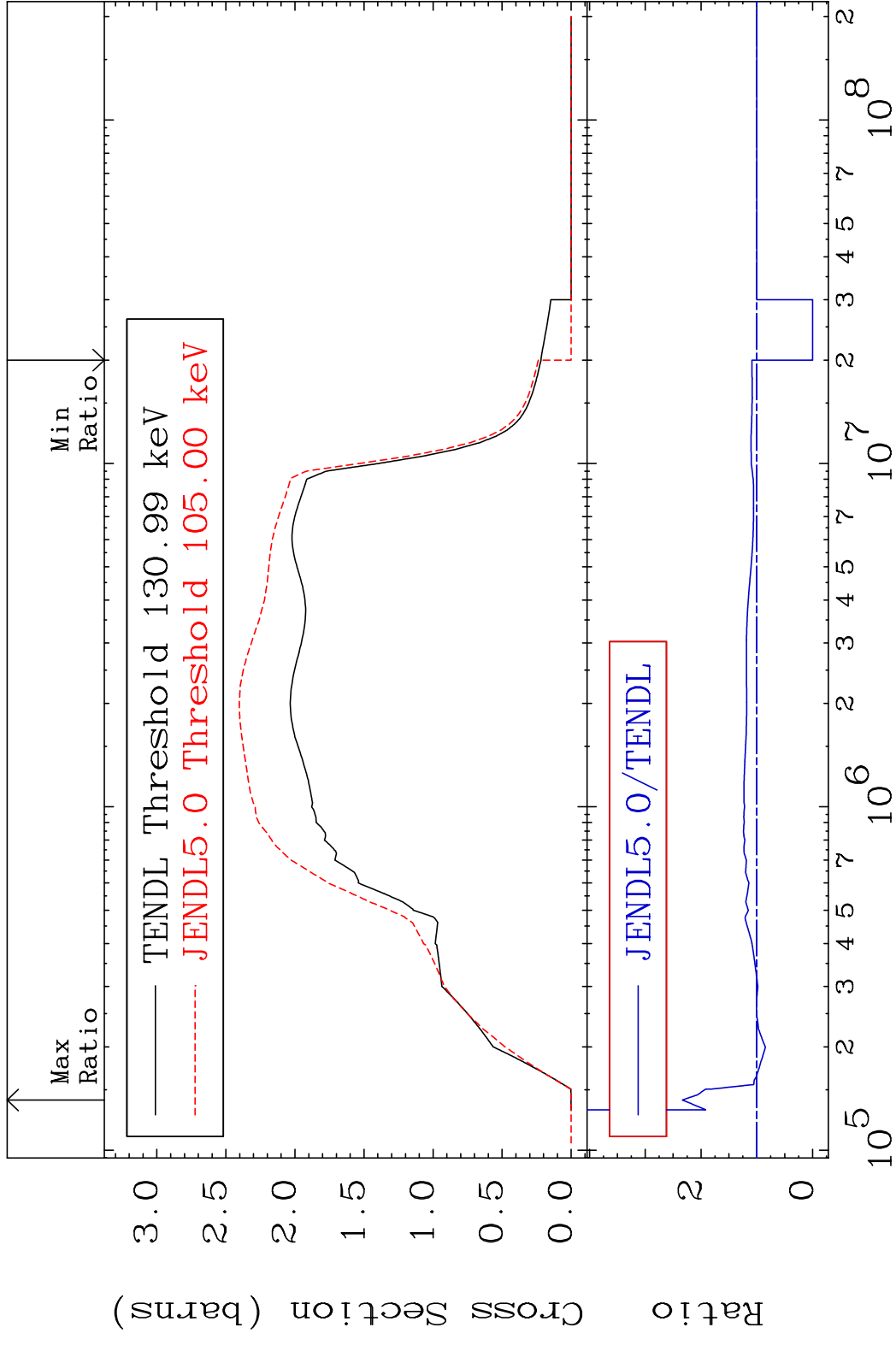


2

Incident Energy (eV)

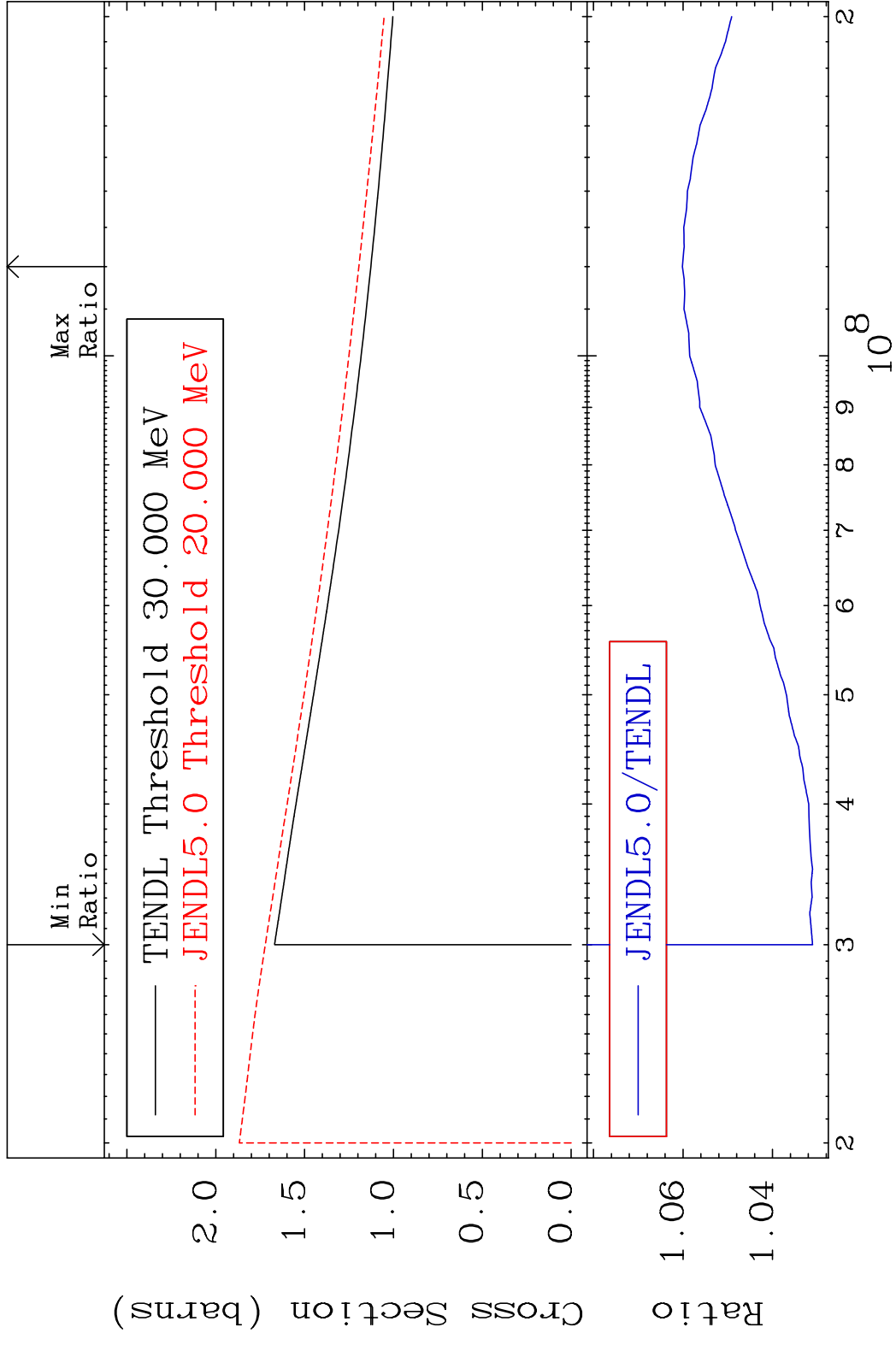
45-Rh-105

MAT 4531 Inelastic Cross Section -100.0 To 133.5 % 45-Rh-105



3 2 1 0.5 0.0 3.0 2.5 2.0 1.5 1.0 0.5 0.0 2 3 4 5 6 7 8 10⁵ 10⁶ 10⁷ 10⁸ 45-Rh-105

MAT 4531 (n, remainder) 45-Rh-105
 Cross Section 3.107 To 6.015 %



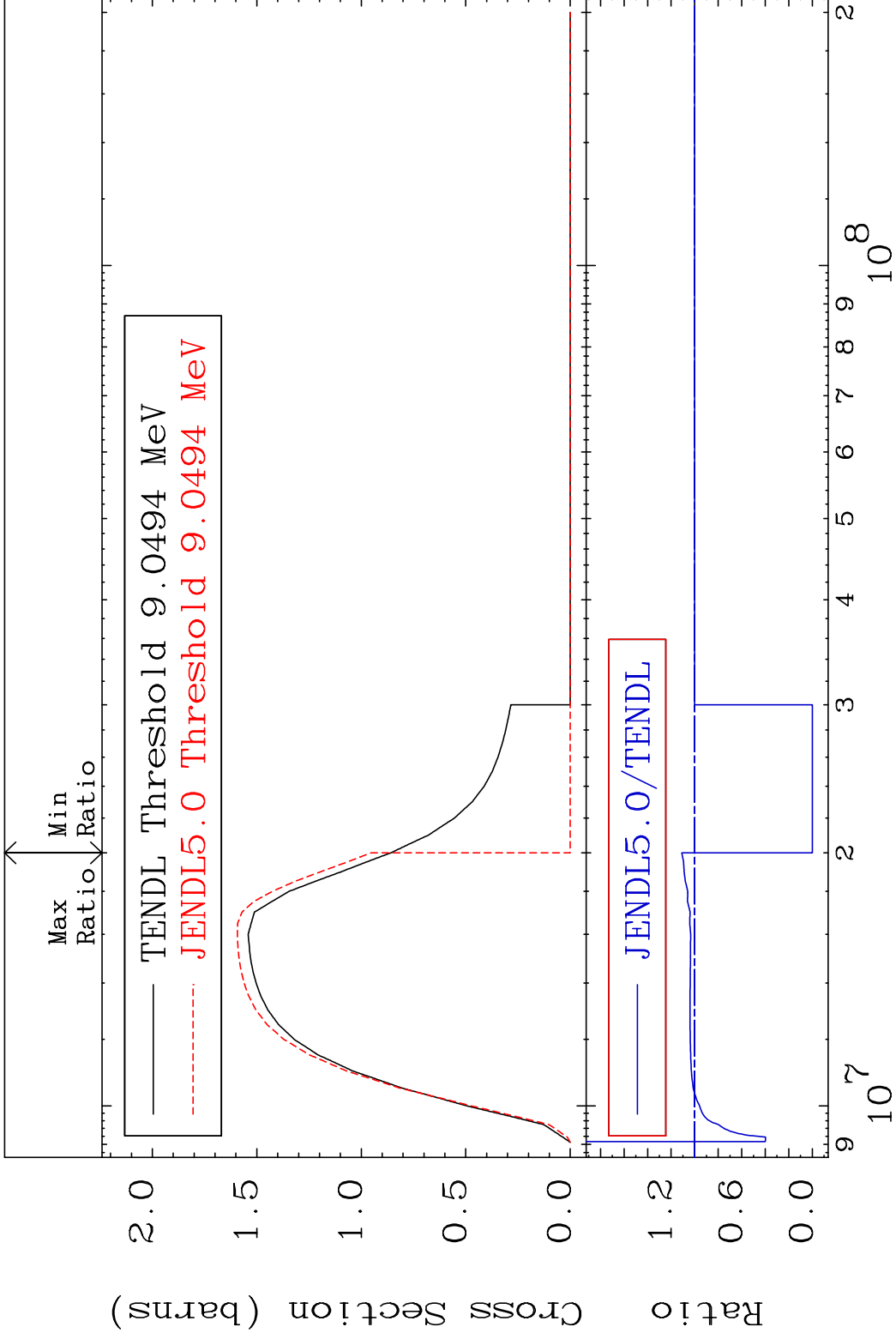
4 Incident Energy (eV) 45-Rh-105

MAT 4531

(n,2n)

45-Rh-105

Cross Section -100.0 To 10.98 %



5

Incident Energy (eV)

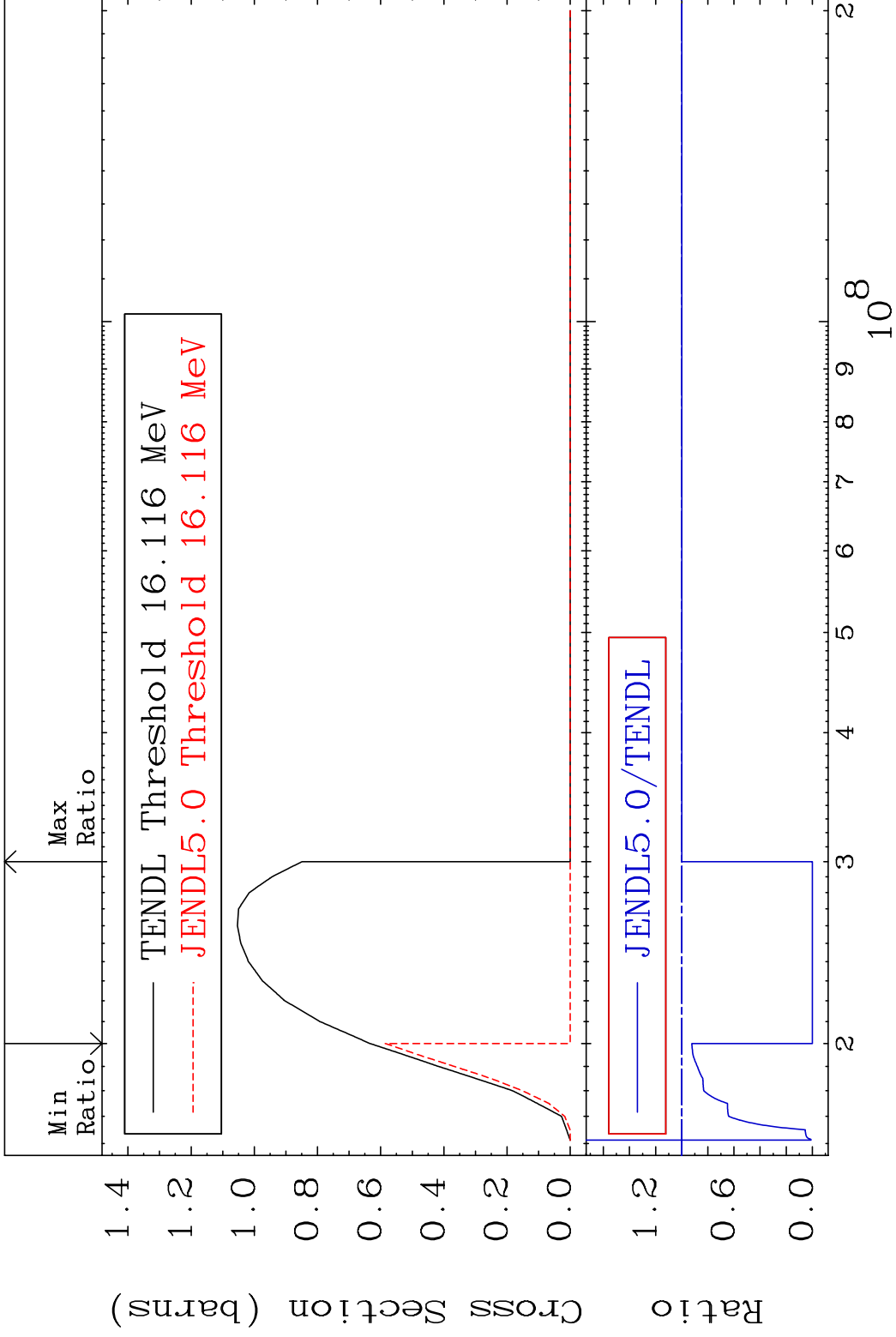
45-Rh-105

MAT 4531

(n,3n)

45-Rh-105

Cross Section -100.0 To 0.000 %



6

Incident Energy (eV)

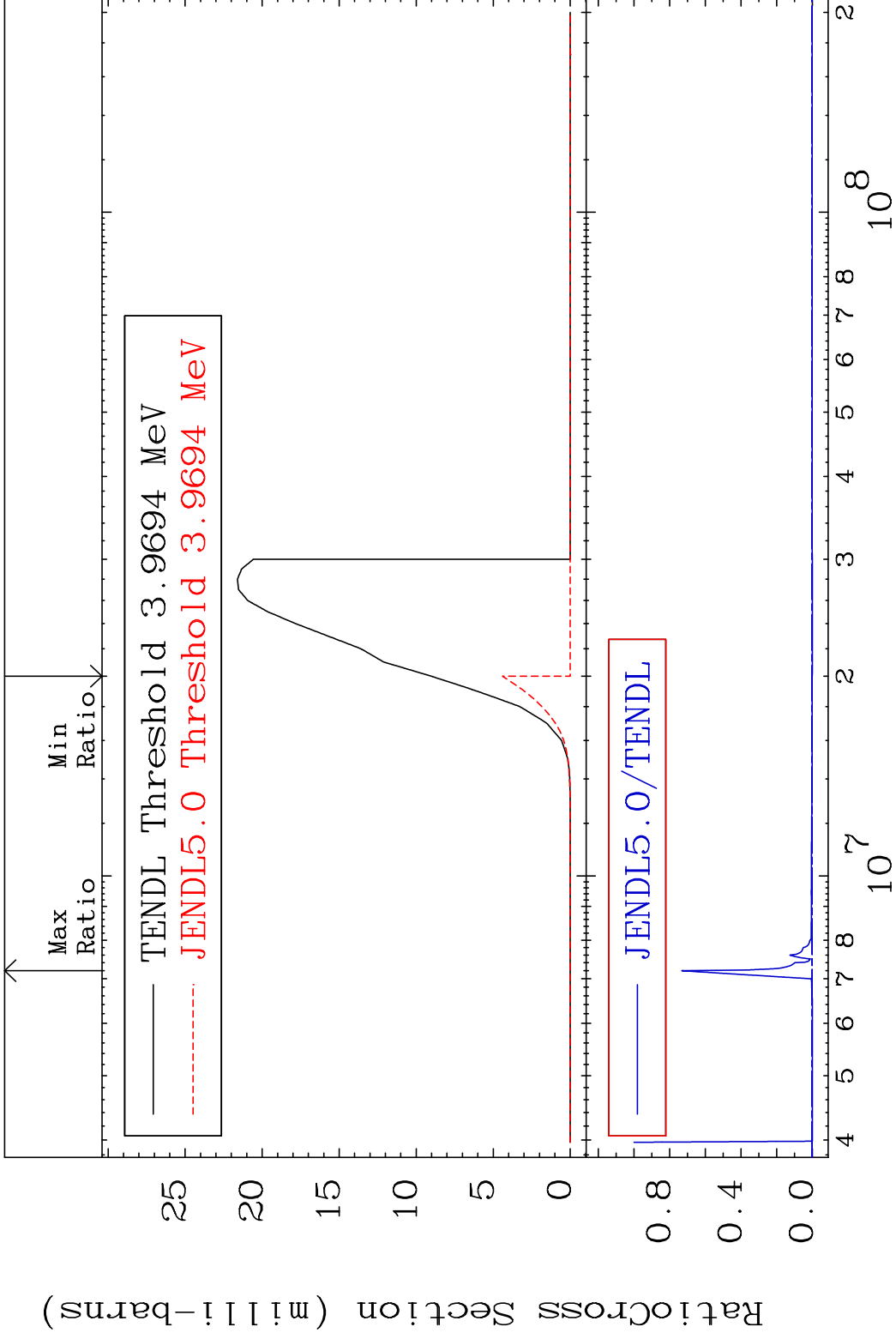
45-Rh-105

MAT 4531

(n, n') α

45-Rh-105

Cross Section -100.0 To 9999. %

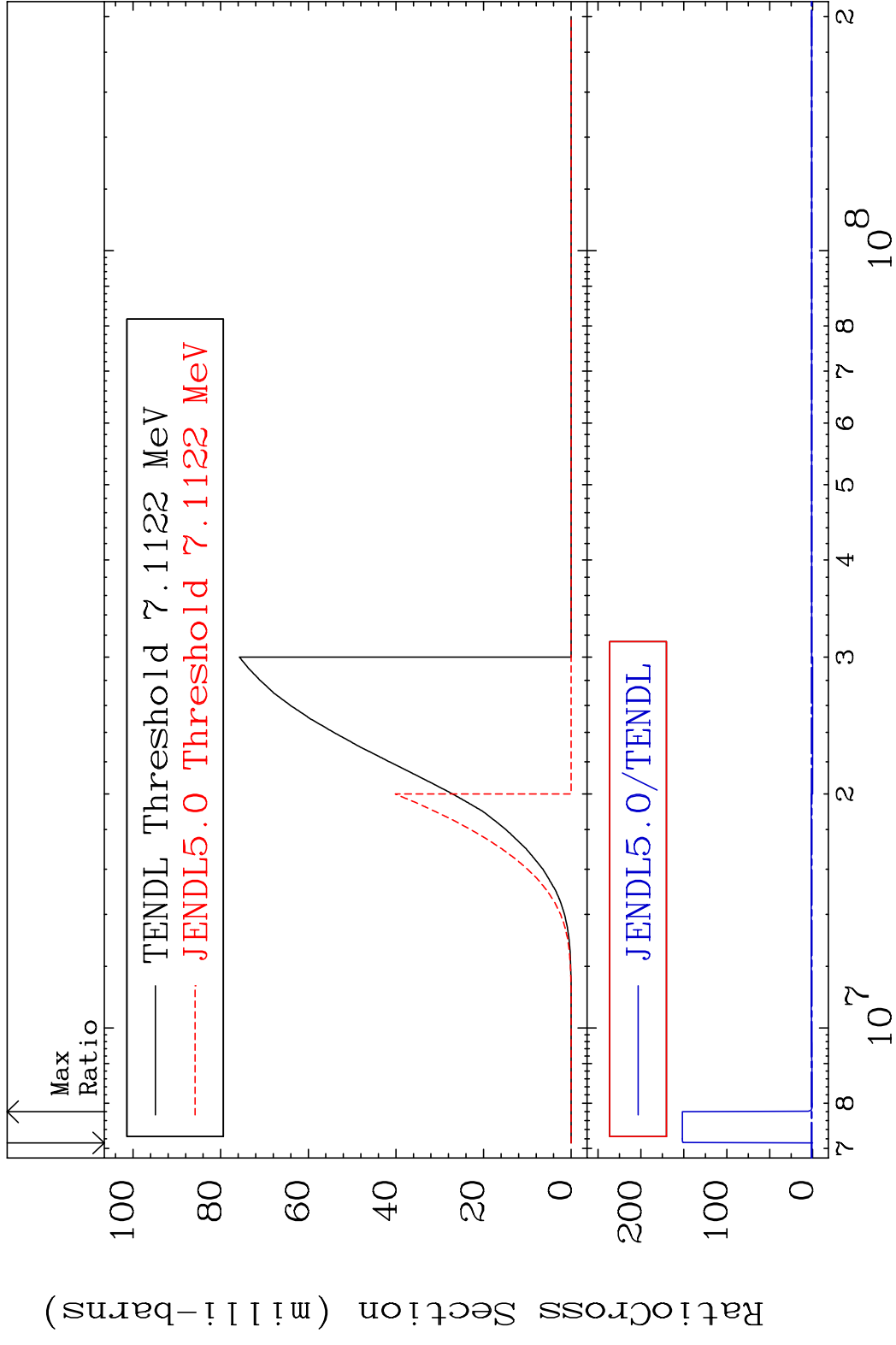


7

Incident Energy (eV)

45-Rh-105

MAT 4531 (n, n') p 45-Rh-105
 Cross Section -100.0 To 9999. %



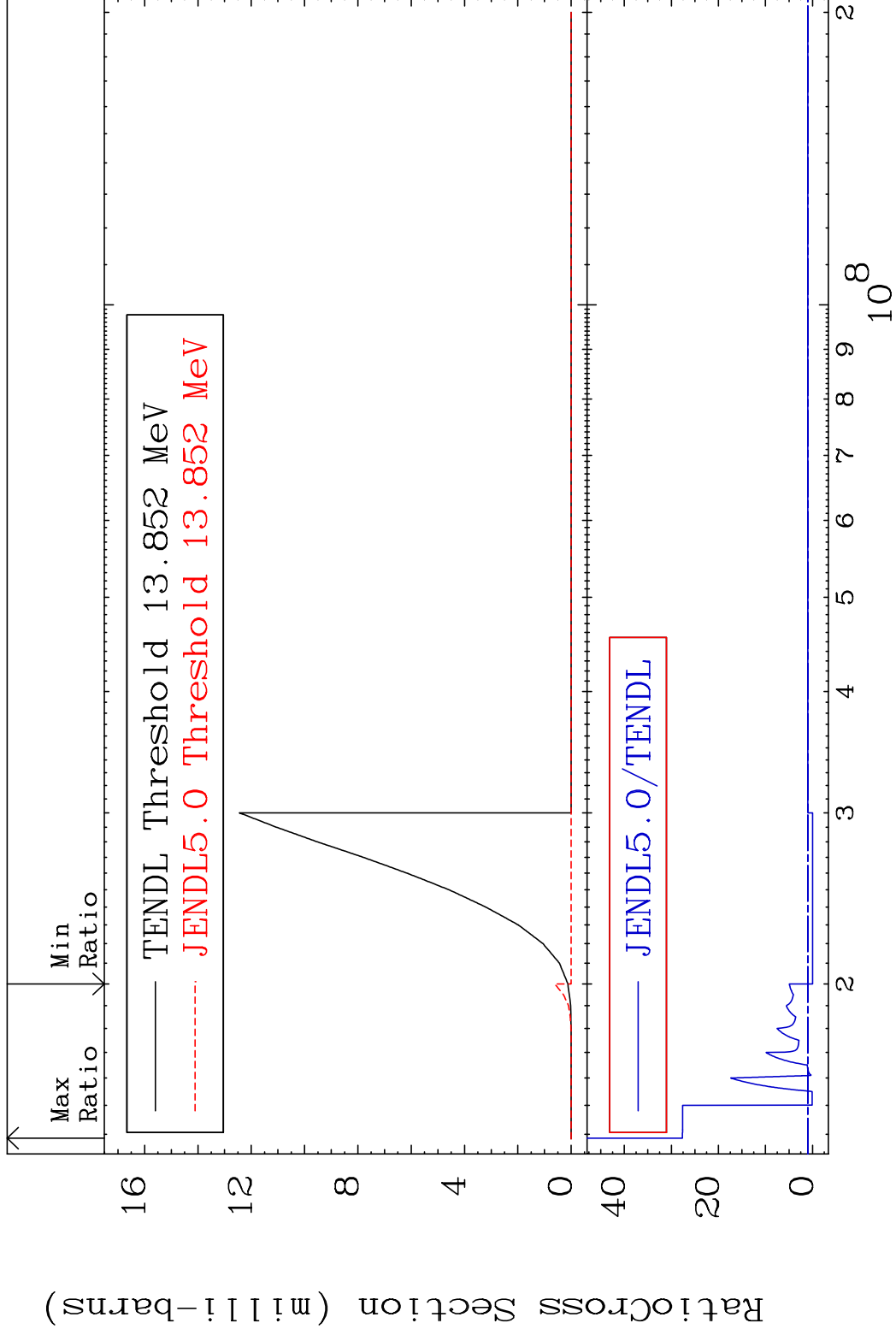
8 Incident Energy (eV) 45-Rh-105

MAT 4531

(n, n') d

45-Rh-105

Cross Section -100.0 To 2666. %



9

Incident Energy (eV)

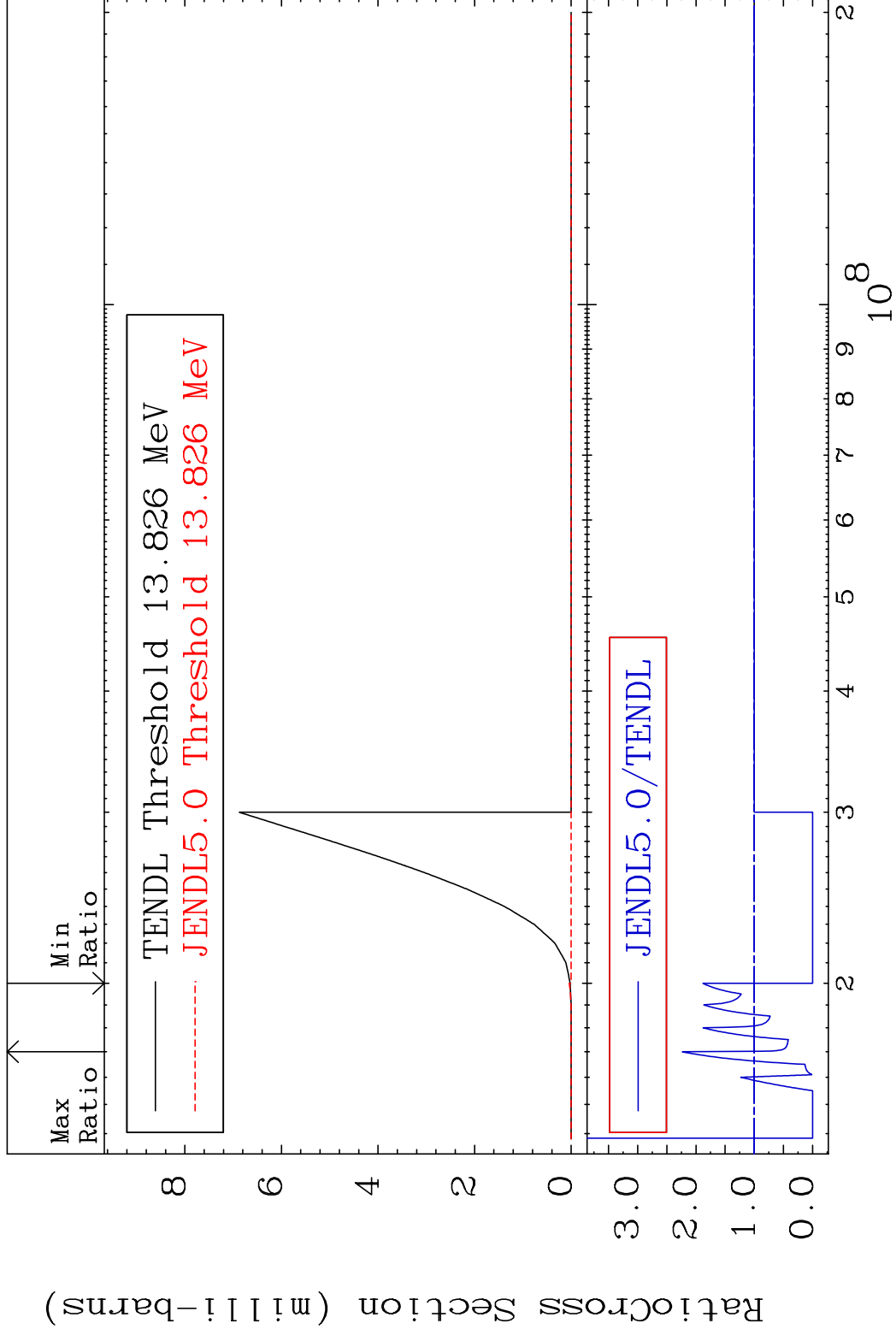
45-Rh-105

MAT 4531

(n, n') t

45-Rh-105

Cross Section -100.0 To 123.3 %



10

Incident Energy (eV)

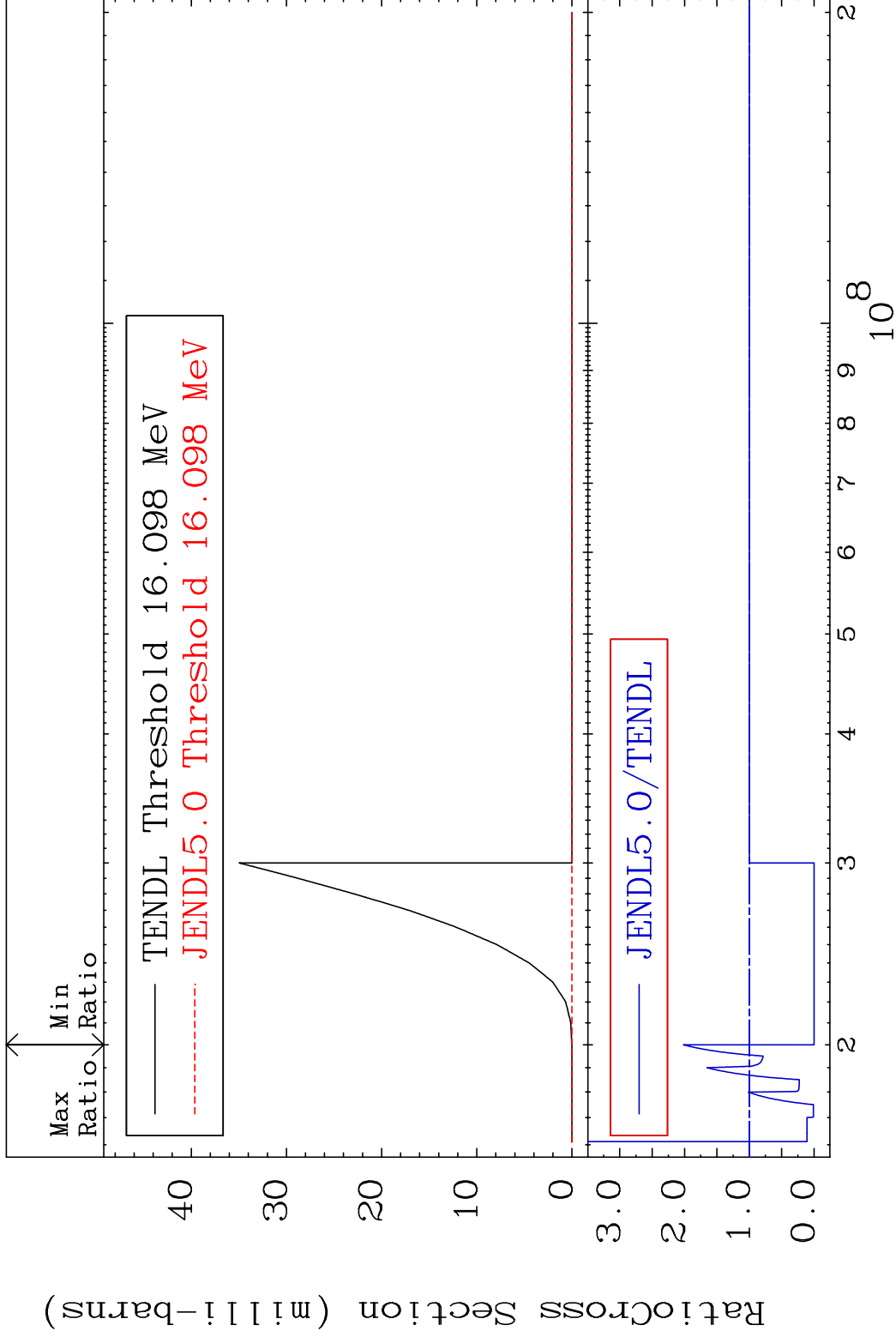
45-Rh-105

MAT 4531

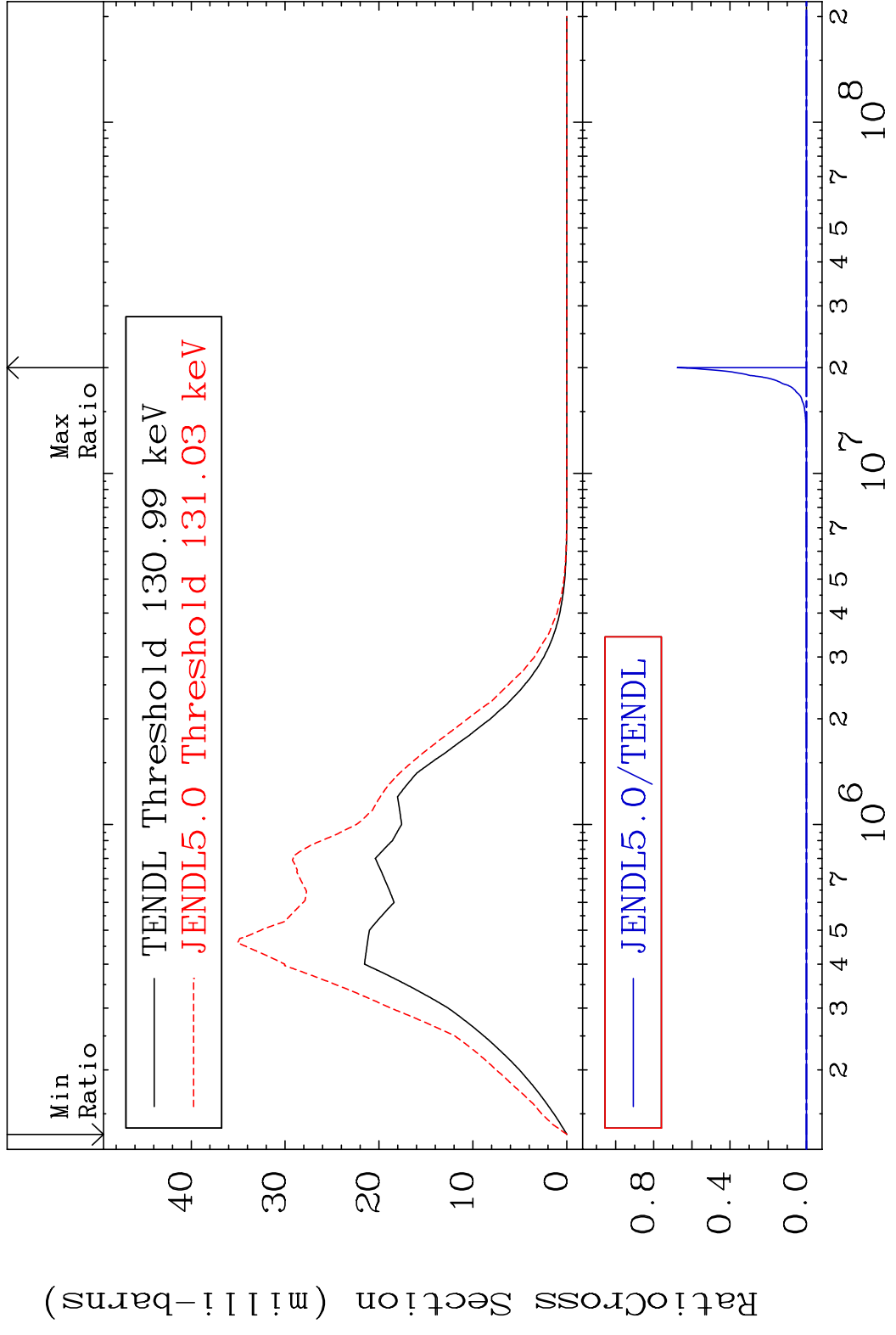
(n,2n) p

45-Rh-105

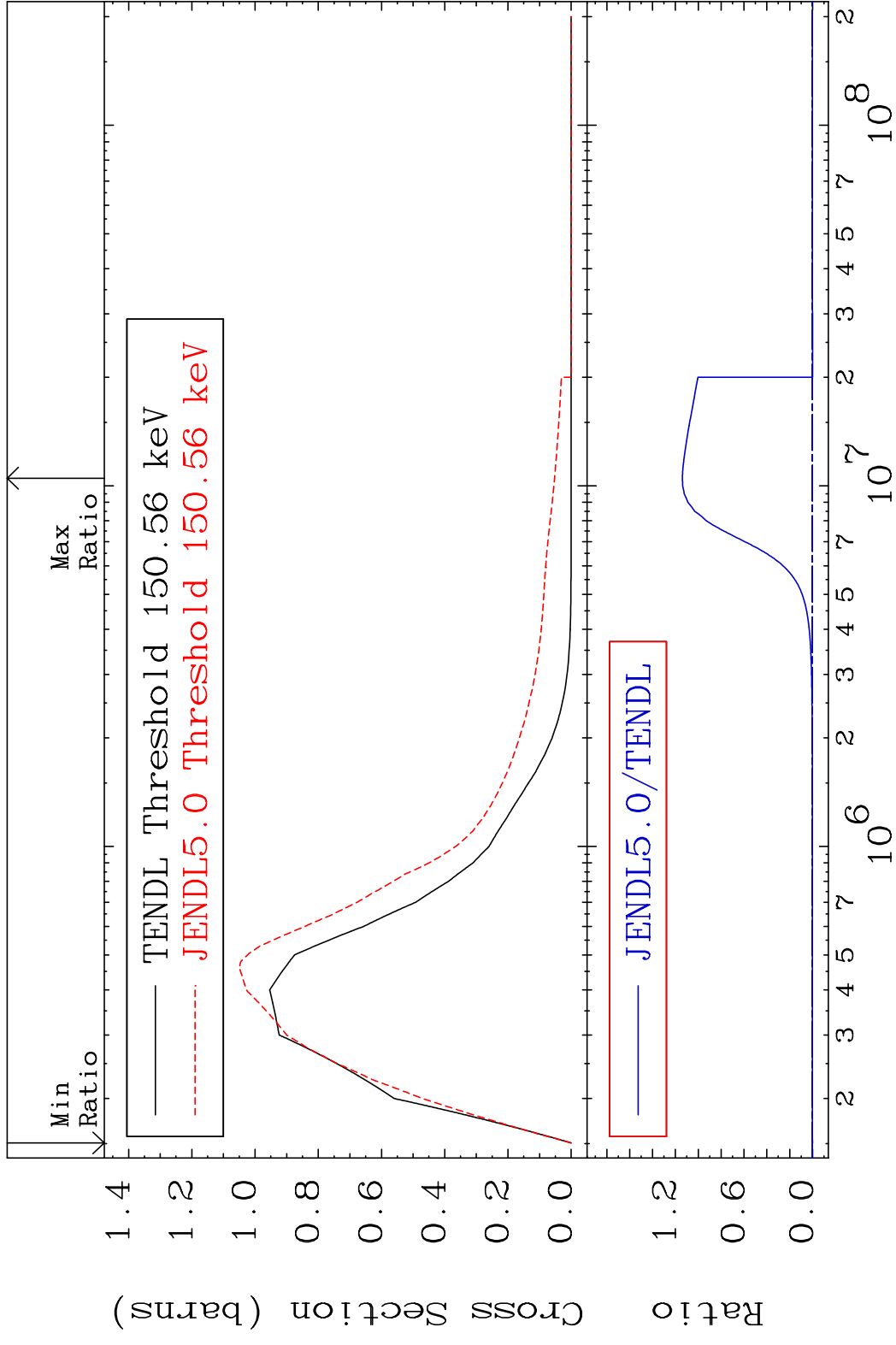
Cross Section -100.0 To 101.6 %



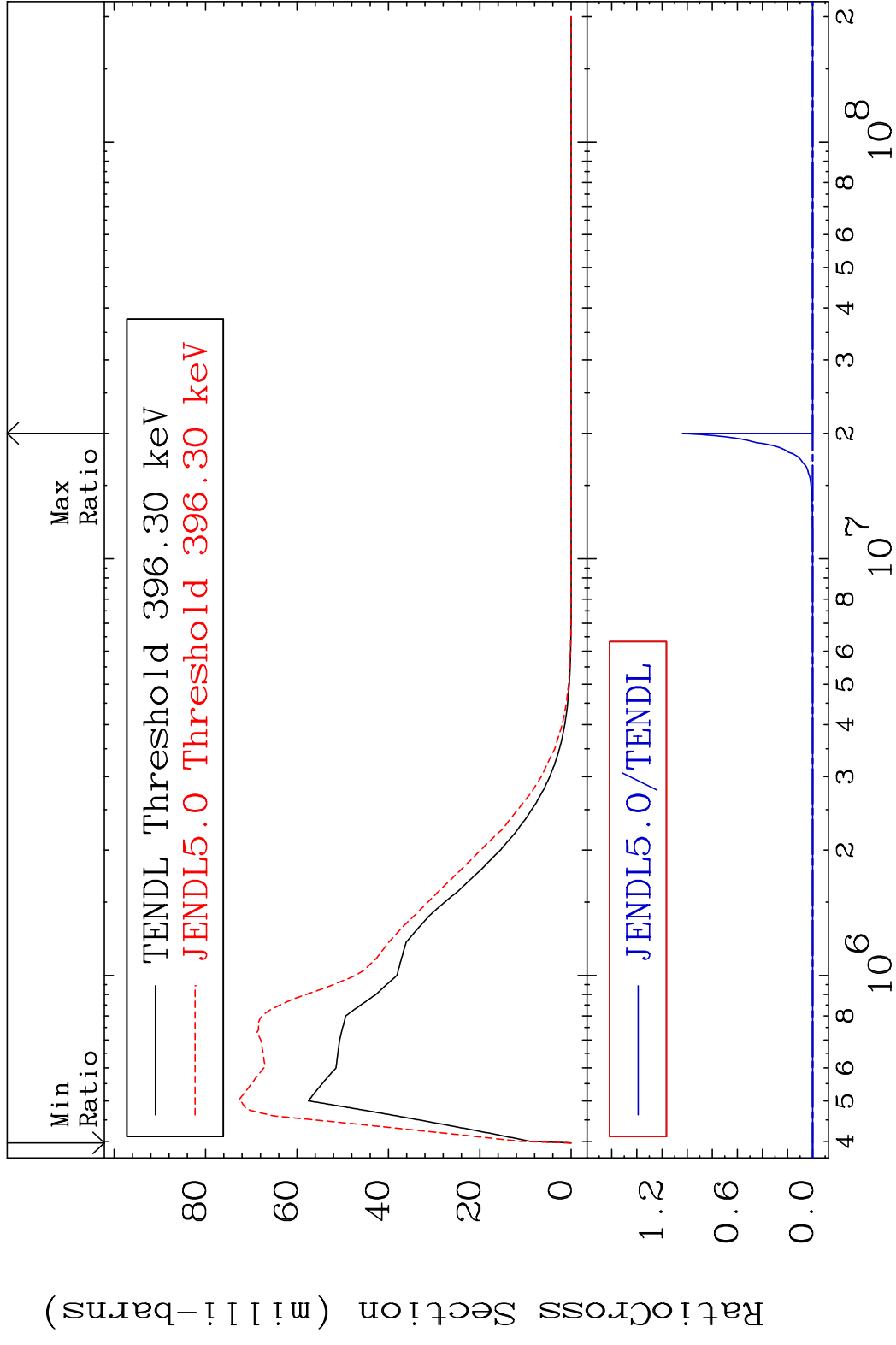
MAT 4531 MT= 51 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 9999. %



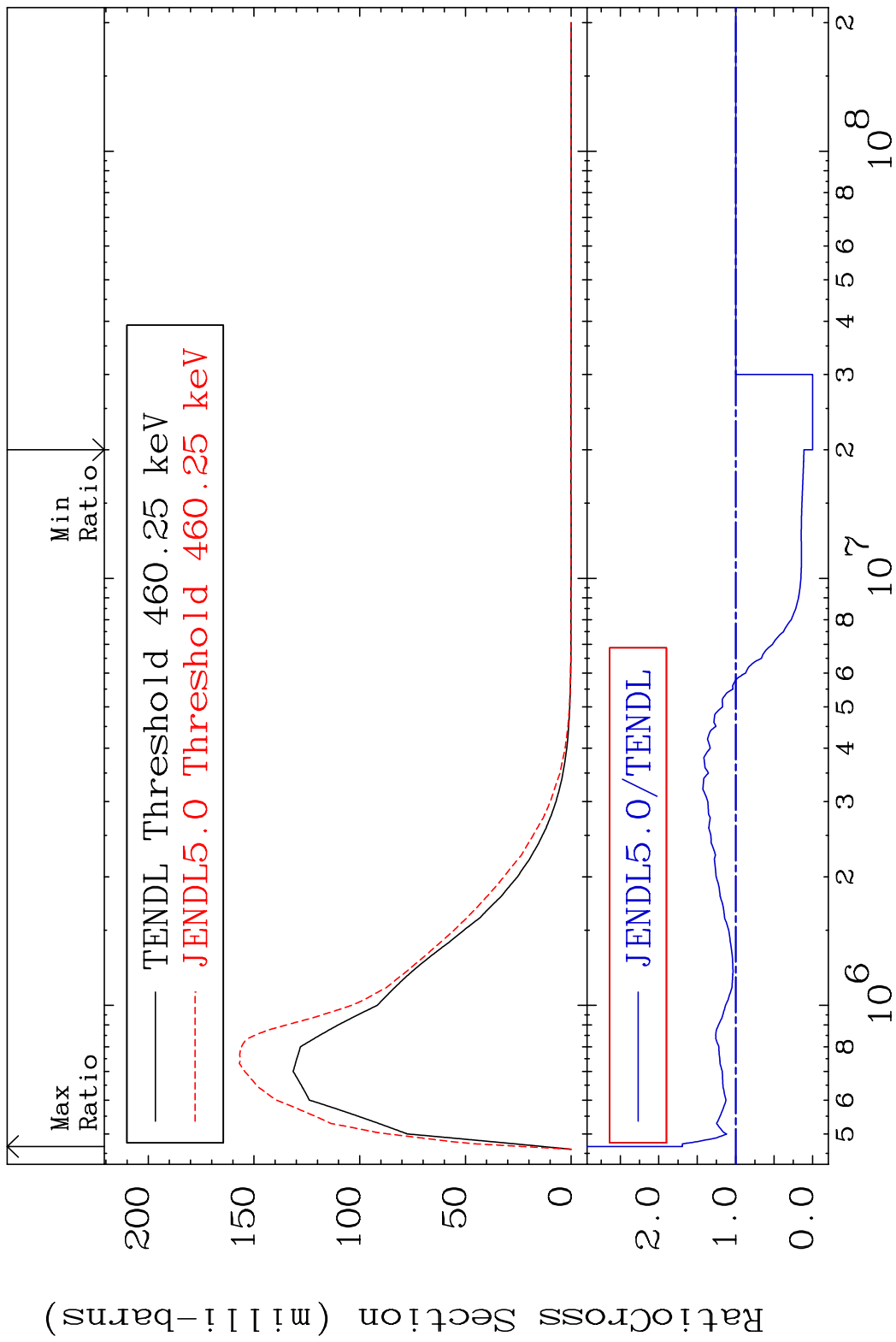
MAT 4531 MT= 52 (n,n') Level 45-Rh-105
 Cross Section -100.0 To 9999. %



MAT 4531 MT= 53 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 9999. %

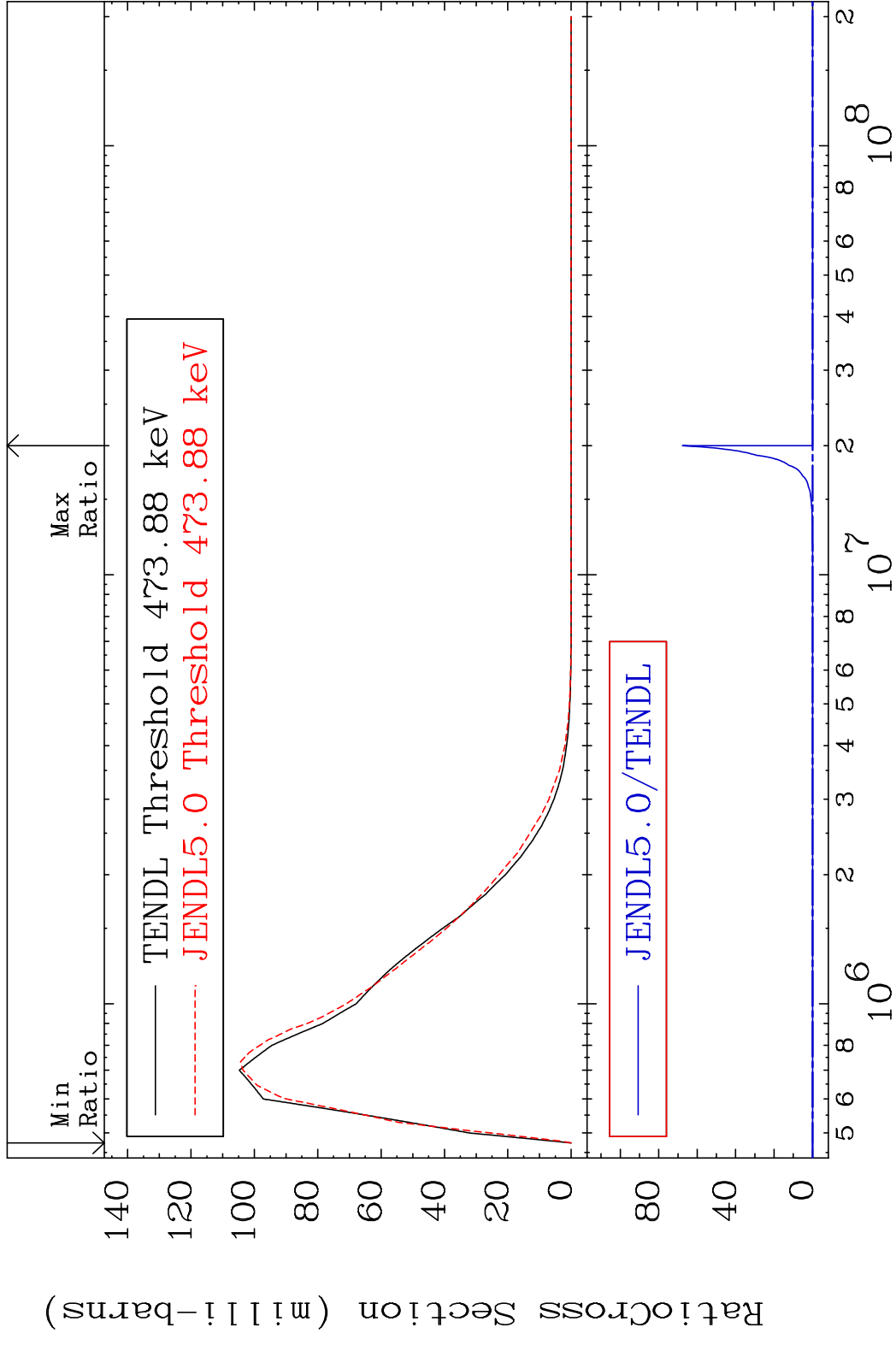


MAT 4531 MT= 54 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 69.32 %

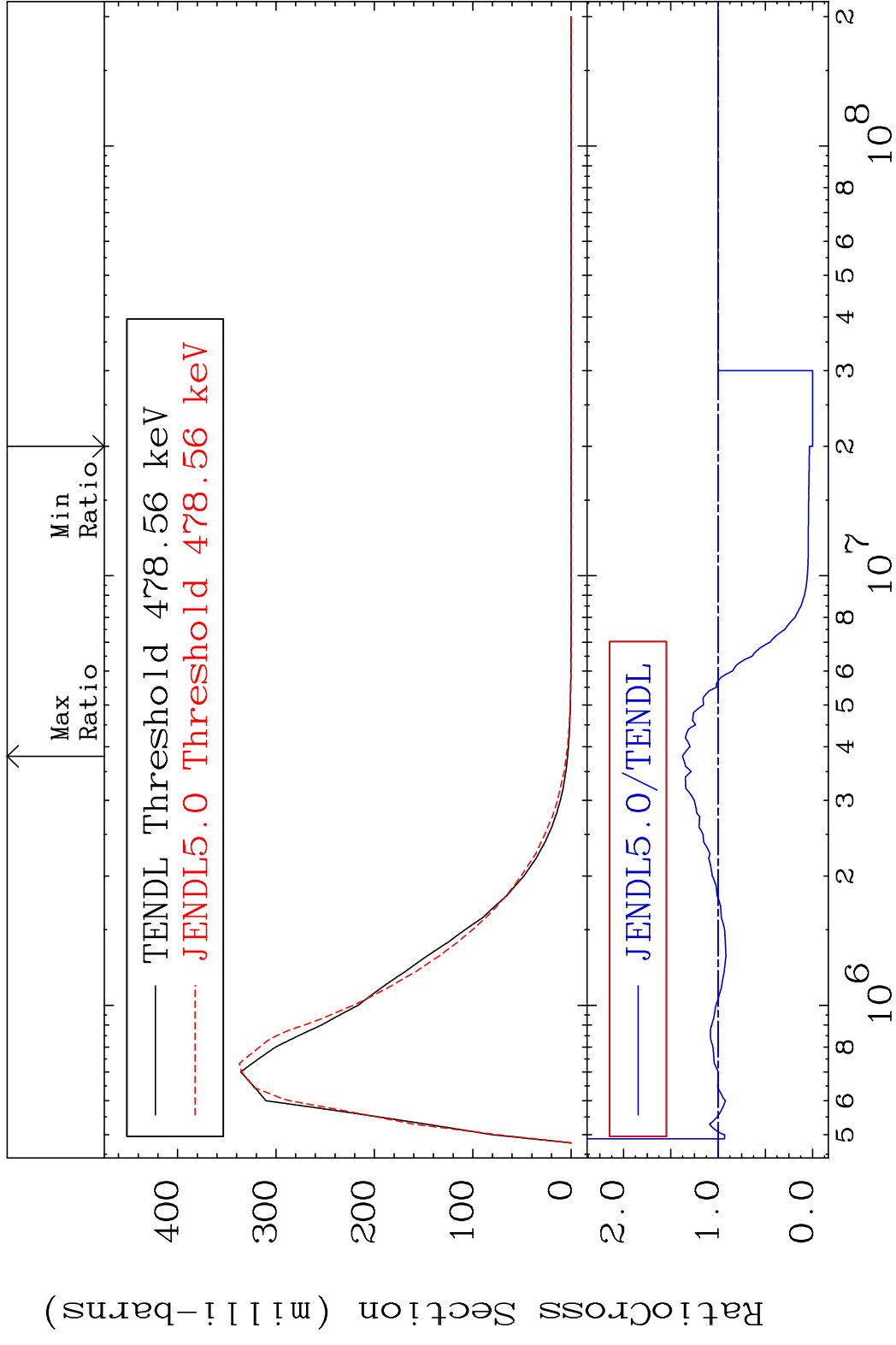


15 Incident Energy (eV) 45-Rh-105

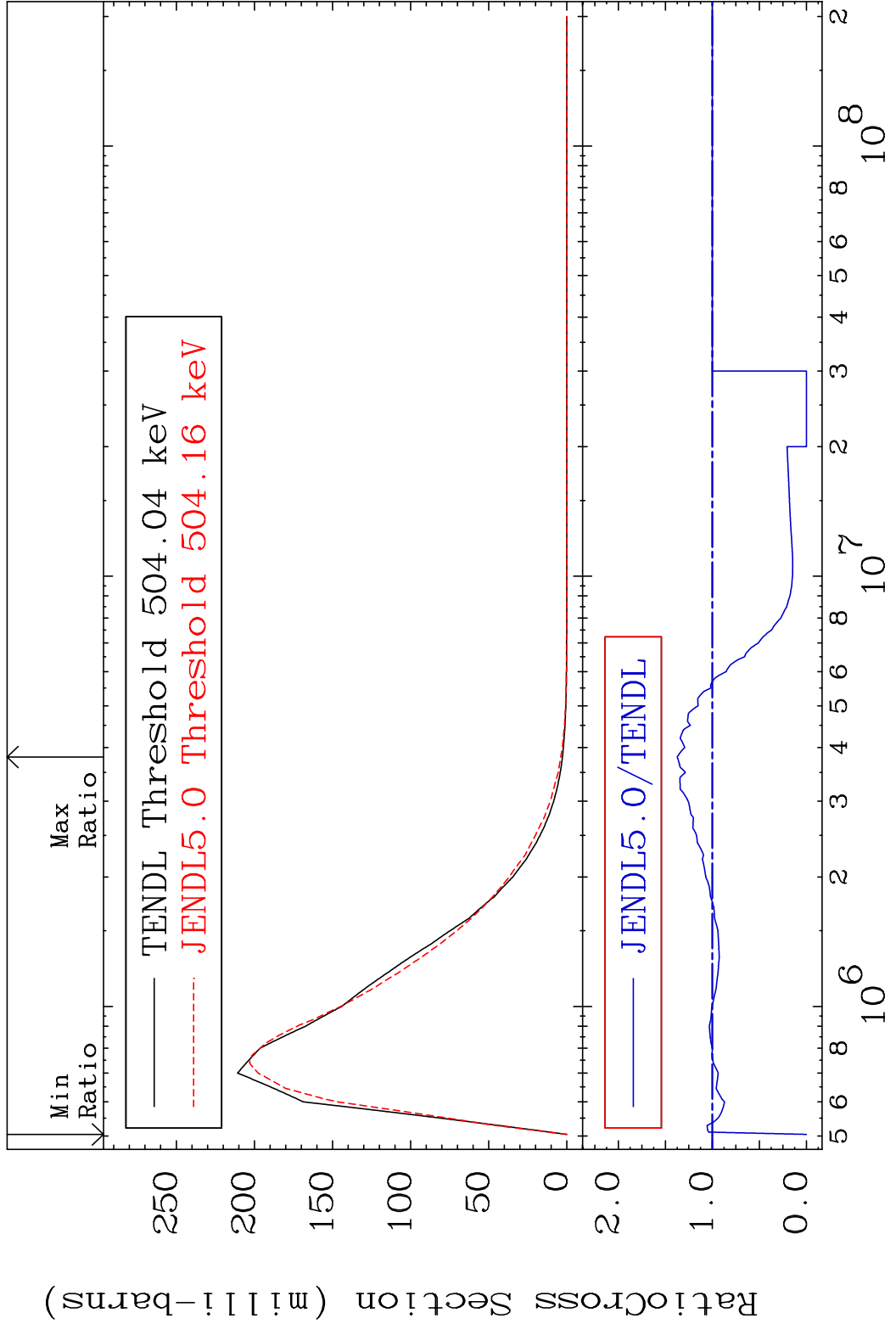
MAT 4531 MT= 55 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 9999. %



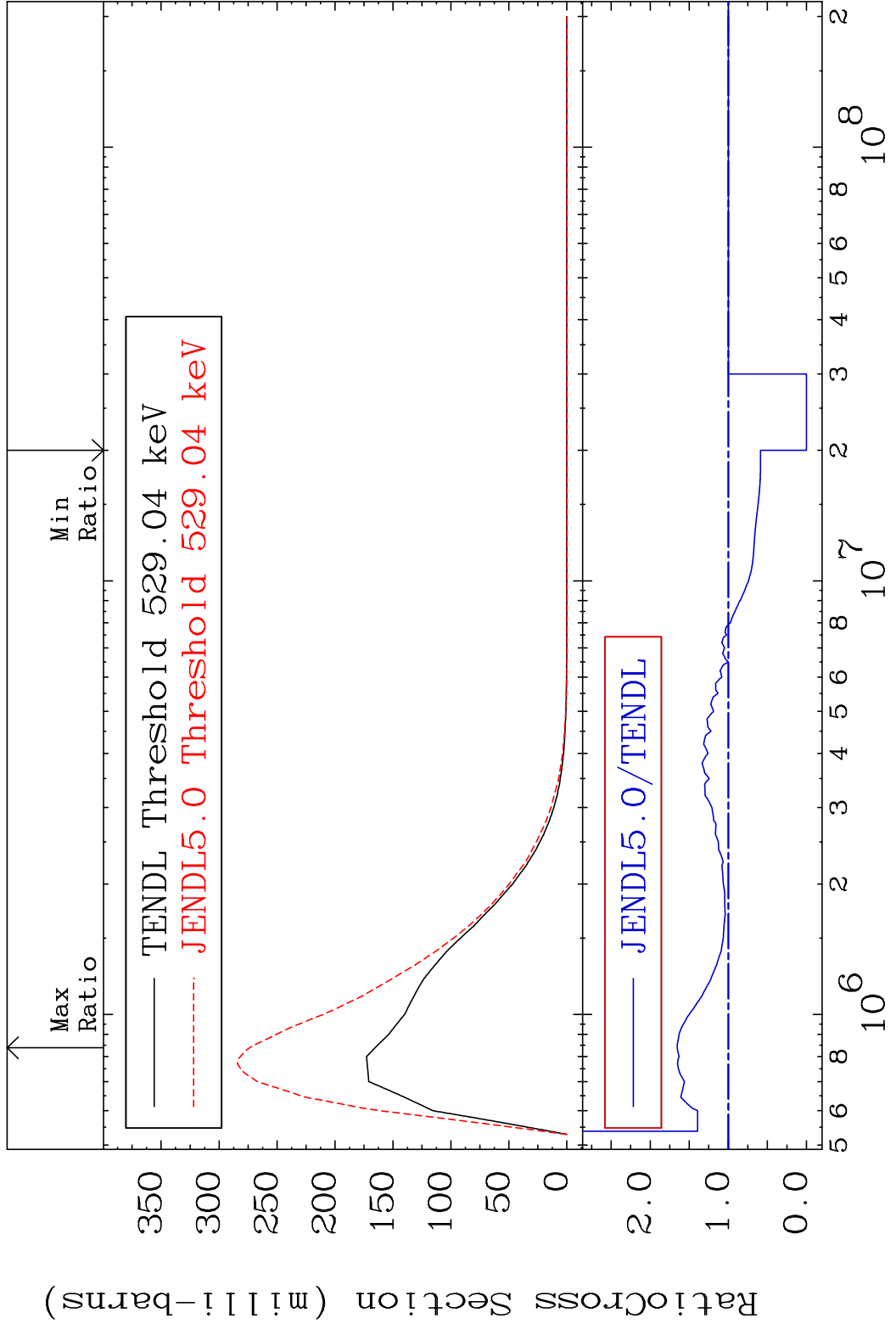
MAT 4531 MT= 56 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 37.78 %



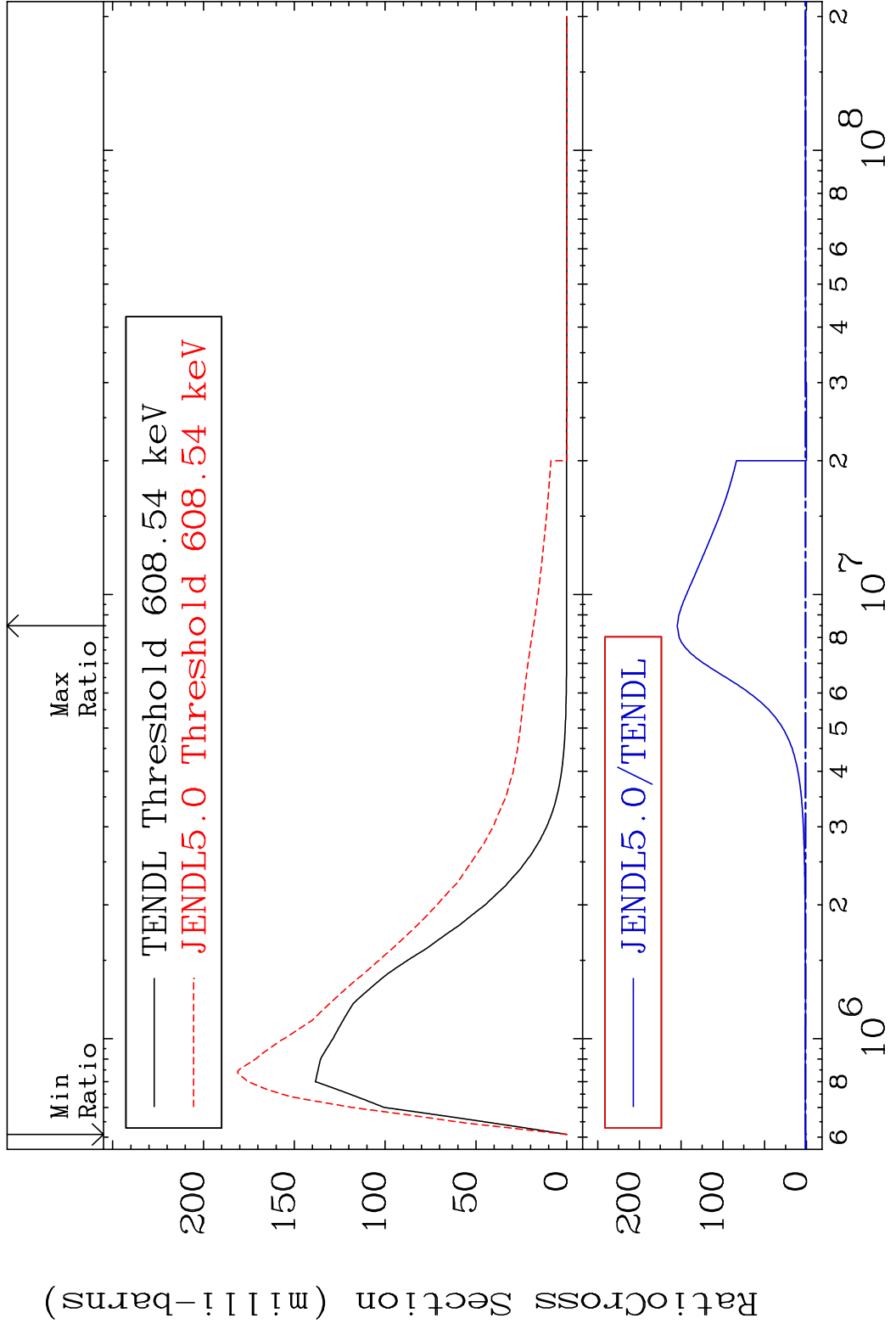
MAT 4531 MT= 57 (n,n') Level 45-Rh-105
 Cross Section -100.0 To 37.43 %



MAT 4531 MT= 58 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 65.44 %

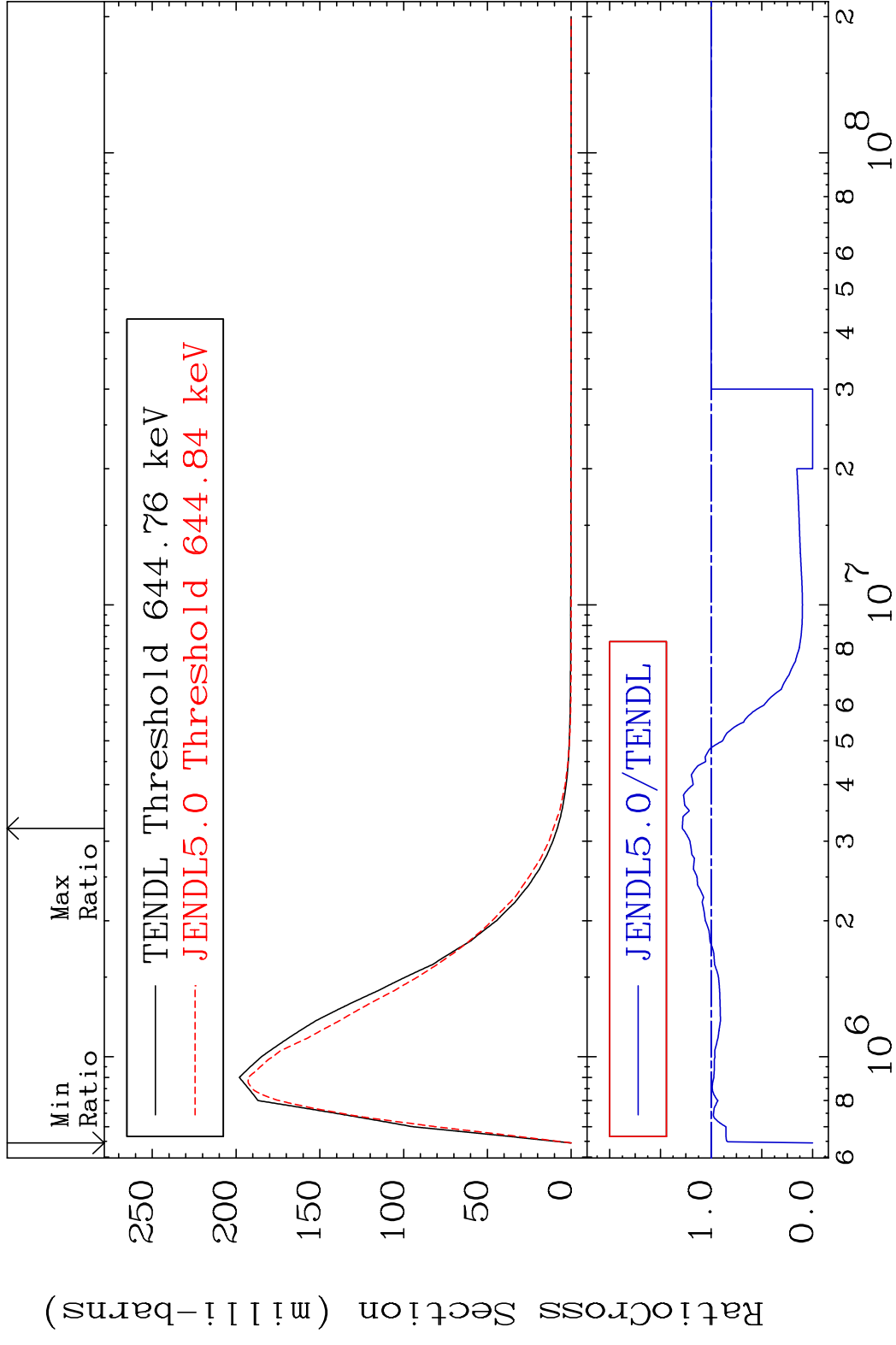


MAT 4531 MT= 59 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 9999. %

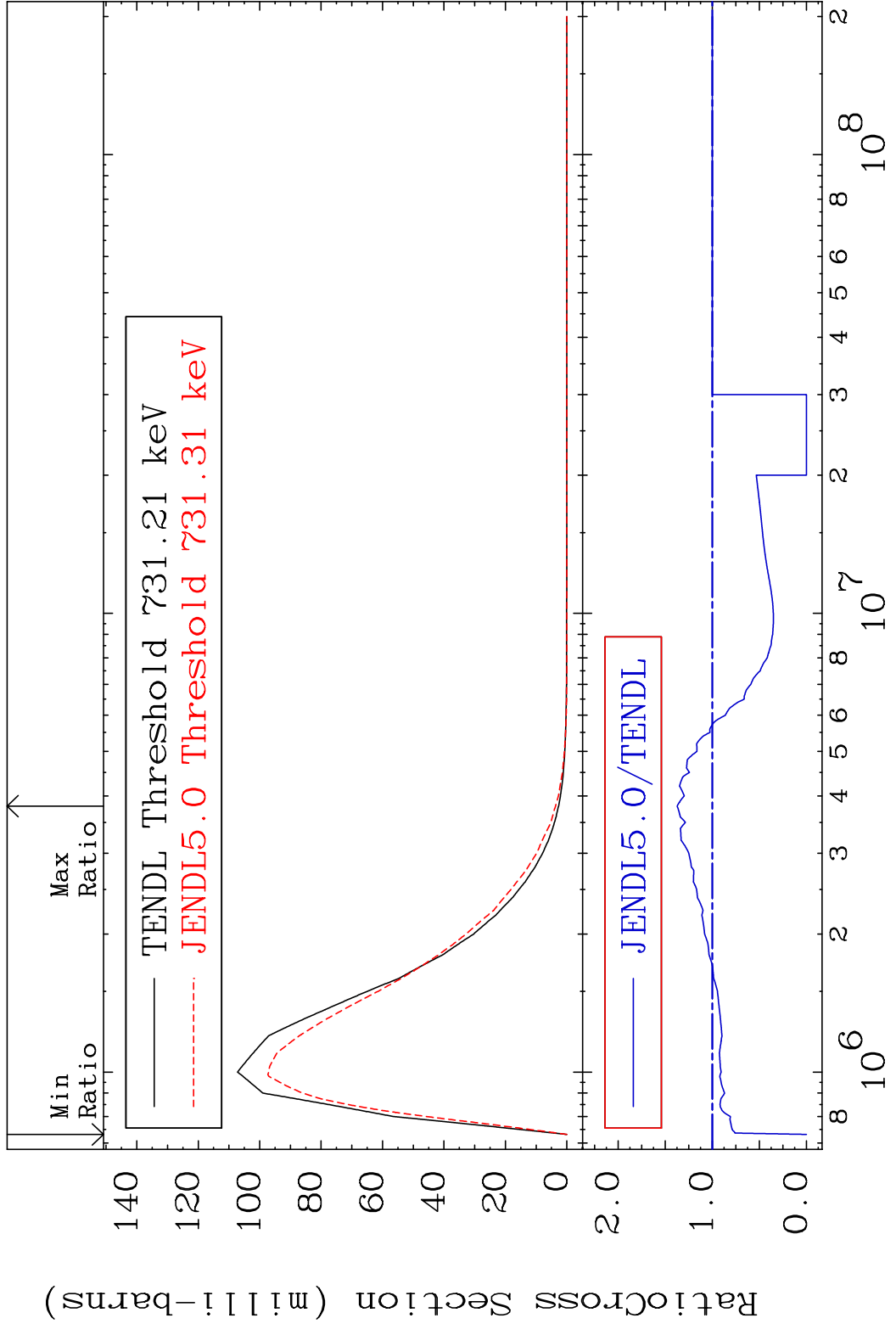


20 45-Rh-105

MAT 4531 MT= 60 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 28.39 %

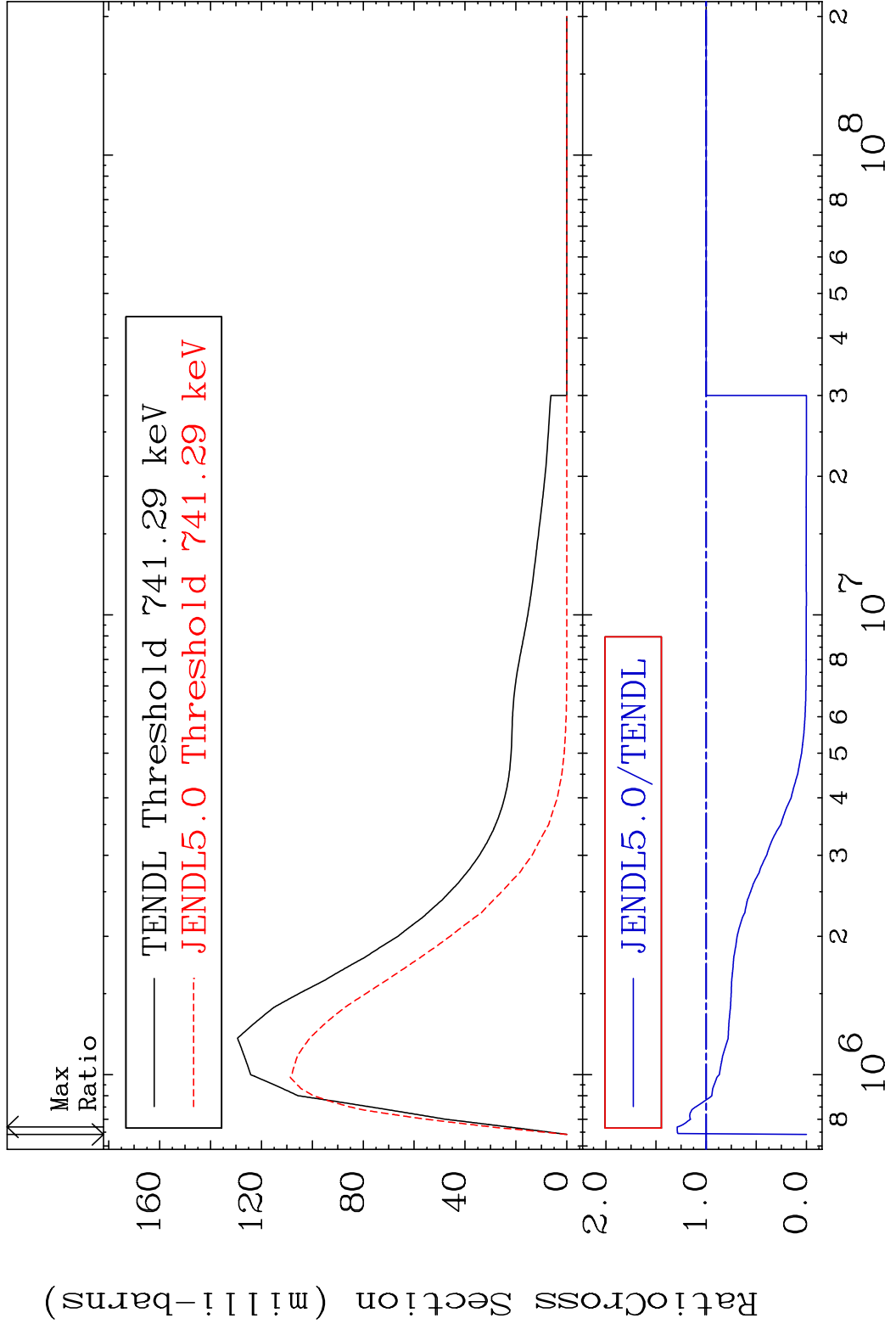


MAT 4531 MT= 61 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 37.30 %

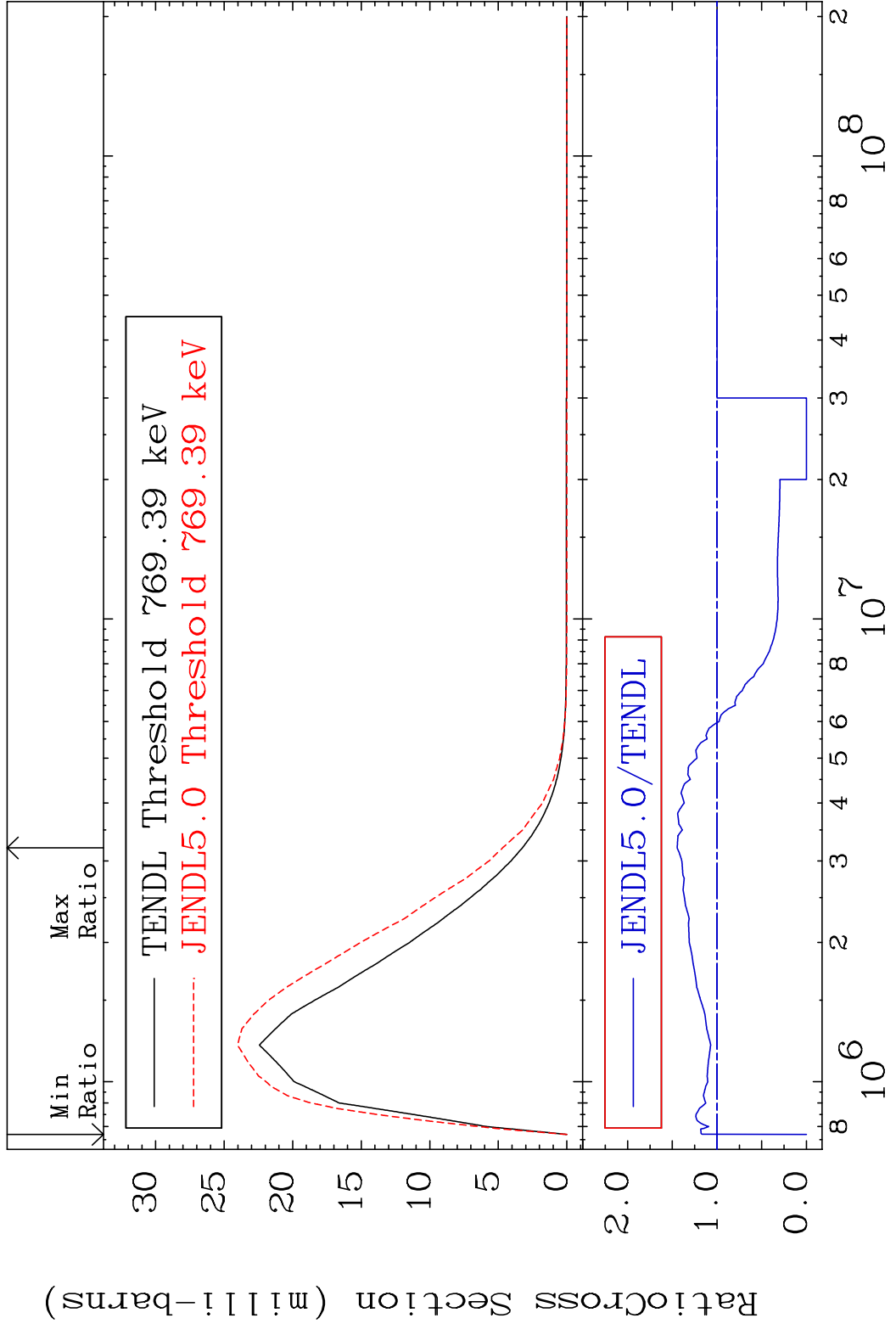


22 Incident Energy (eV) 45-Rh-105

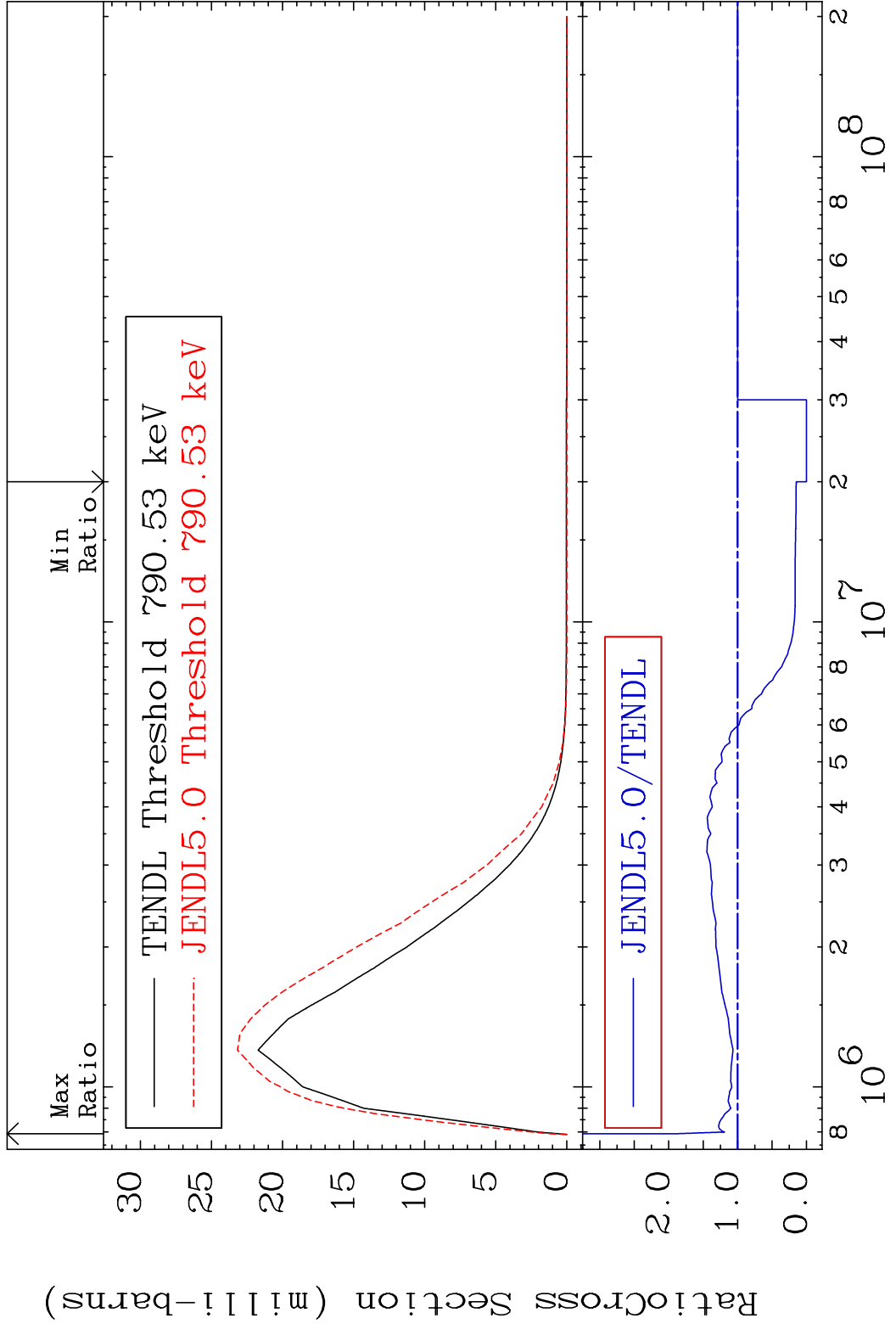
MAT 4531 MT= 62 (n,n') Level 45-Rh-105
 Cross Section -100.0 To 28.90 %



MAT 4531 MT= 63 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 44.55 %

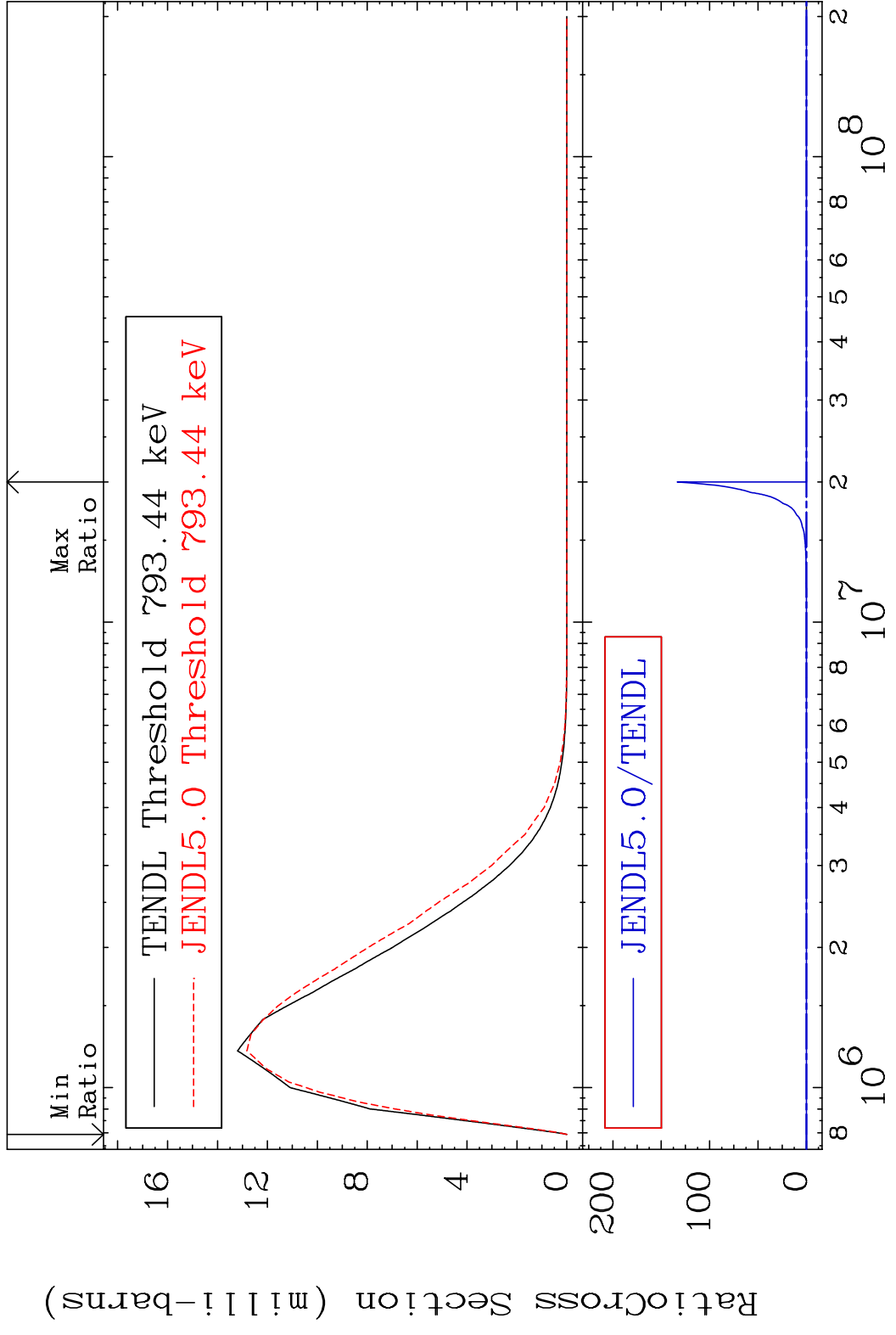


MAT 4531 MT= 64 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 87.71 %



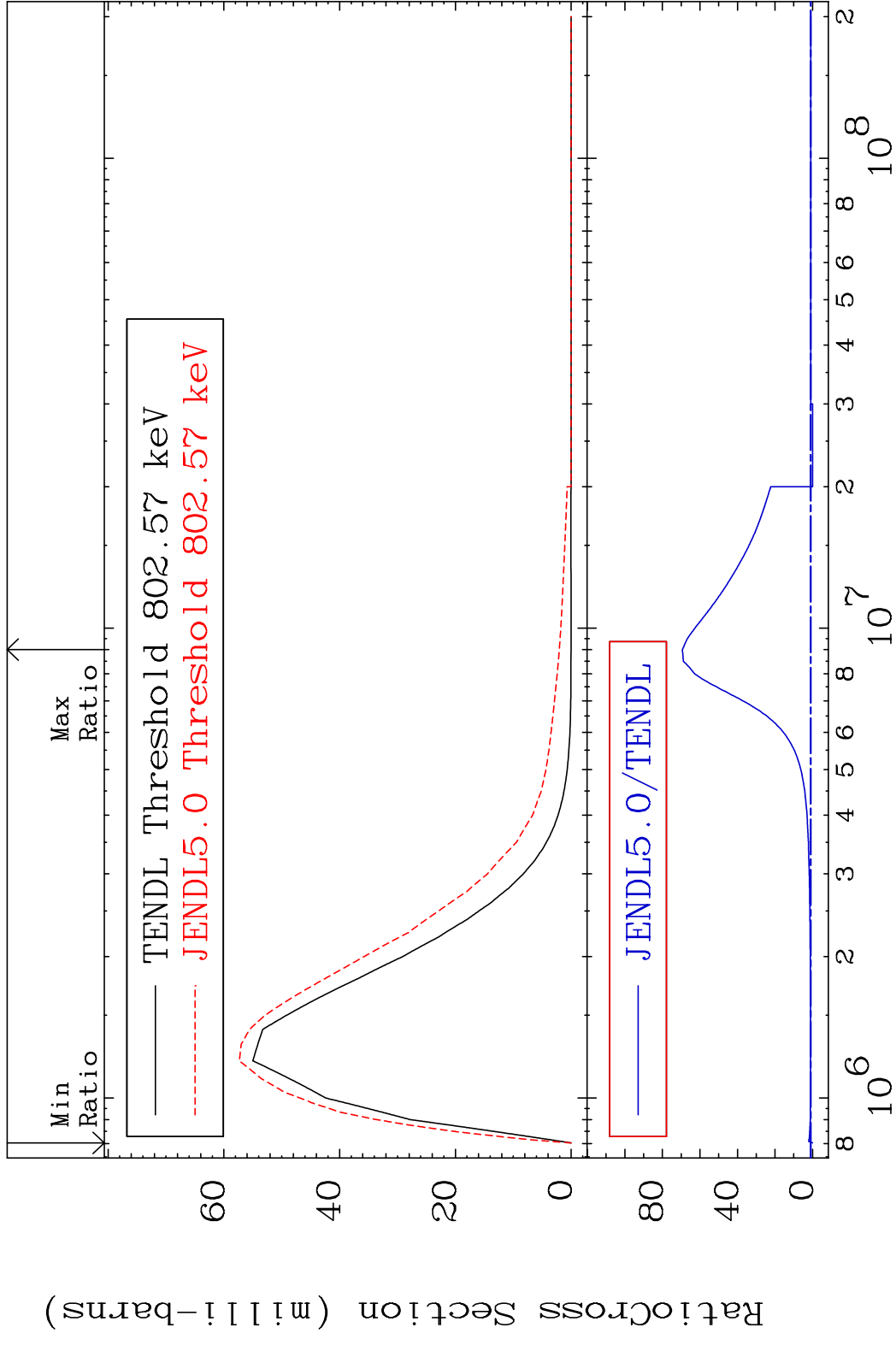
25 45-Rh-105

MAT 4531 MT= 65 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 9999. %

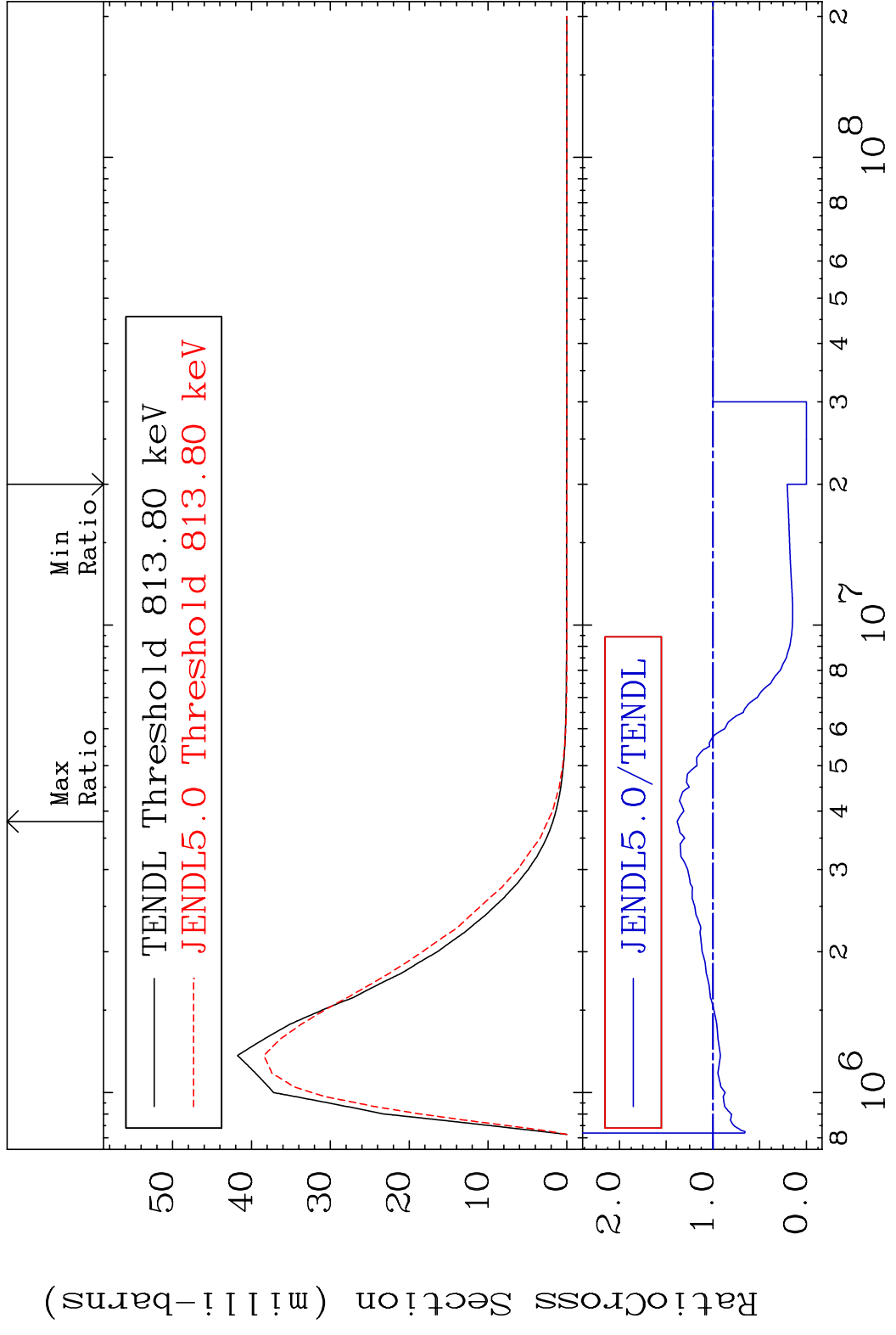


26 Incident Energy (eV) 45-Rh-105

MAT 4531 MT= 66 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 6836. %

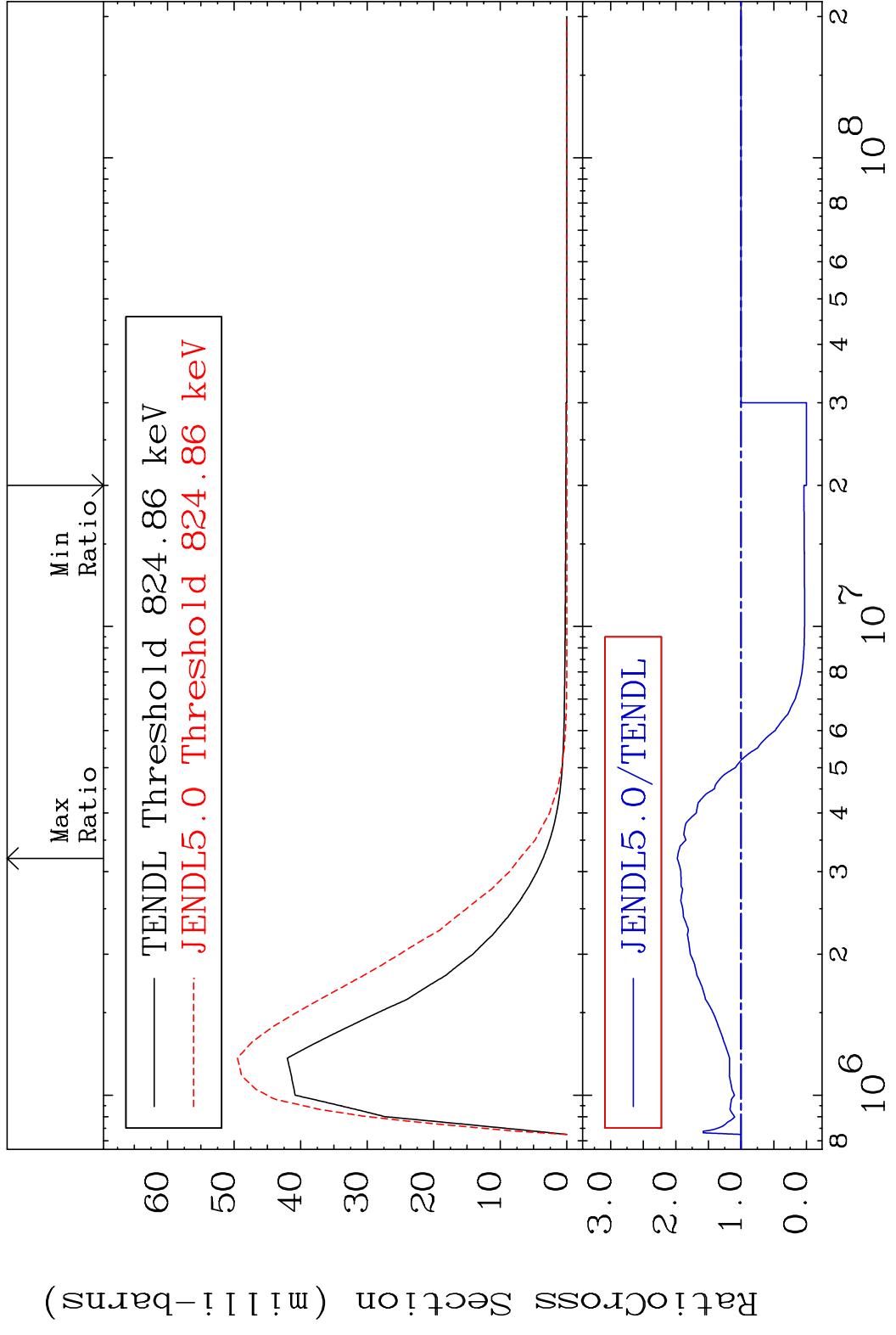


MAT 4531 MT= 67 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 38.26 %

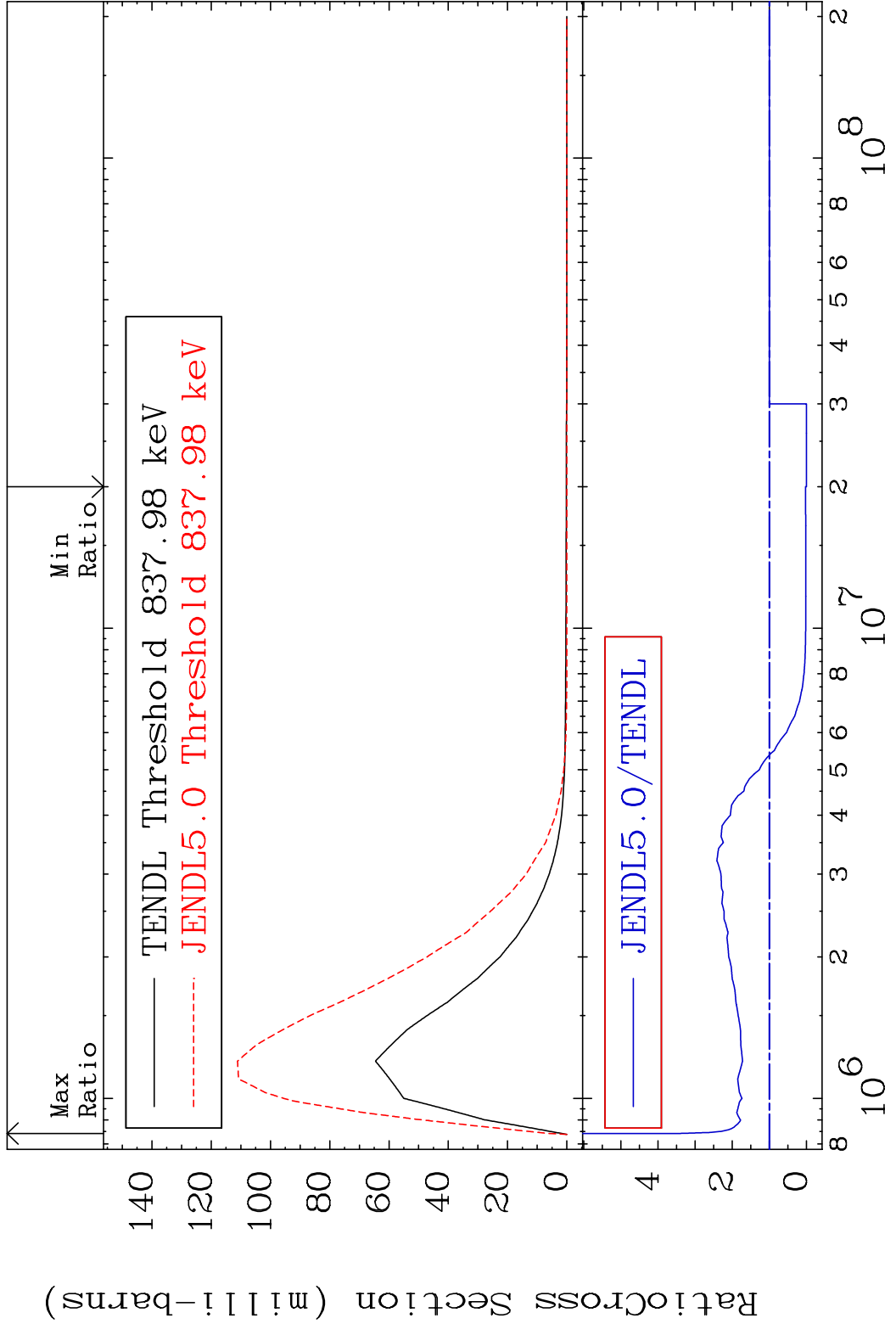


28 Incident Energy (eV) 45-Rh-105

MAT 4531 MT= 68 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 97.97 %

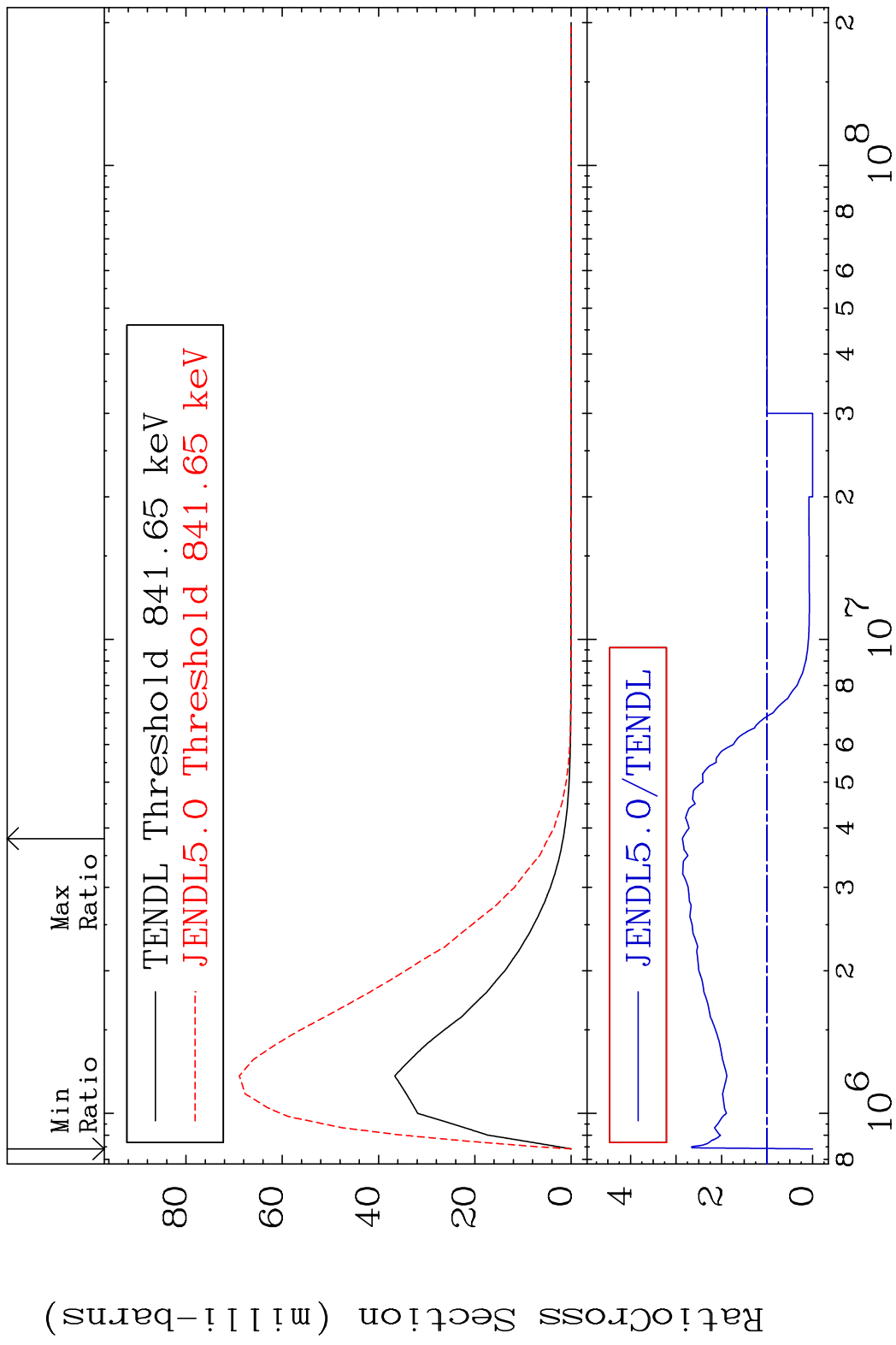


MAT 4531 MT= 69 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 248.3 %



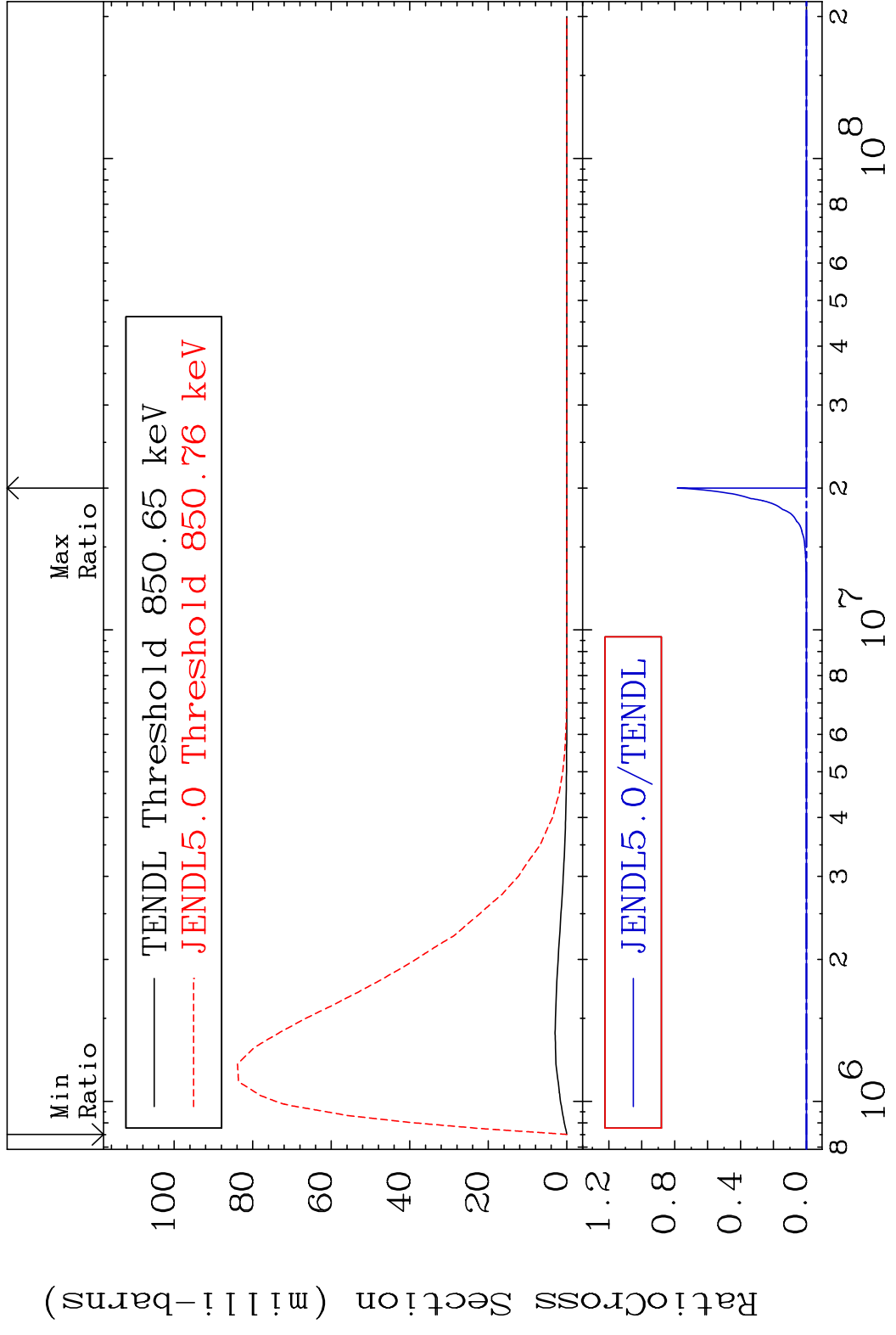
30 Incident Energy (eV) 45-Rh-105

MAT 4531 MT= 70 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 186.1 %

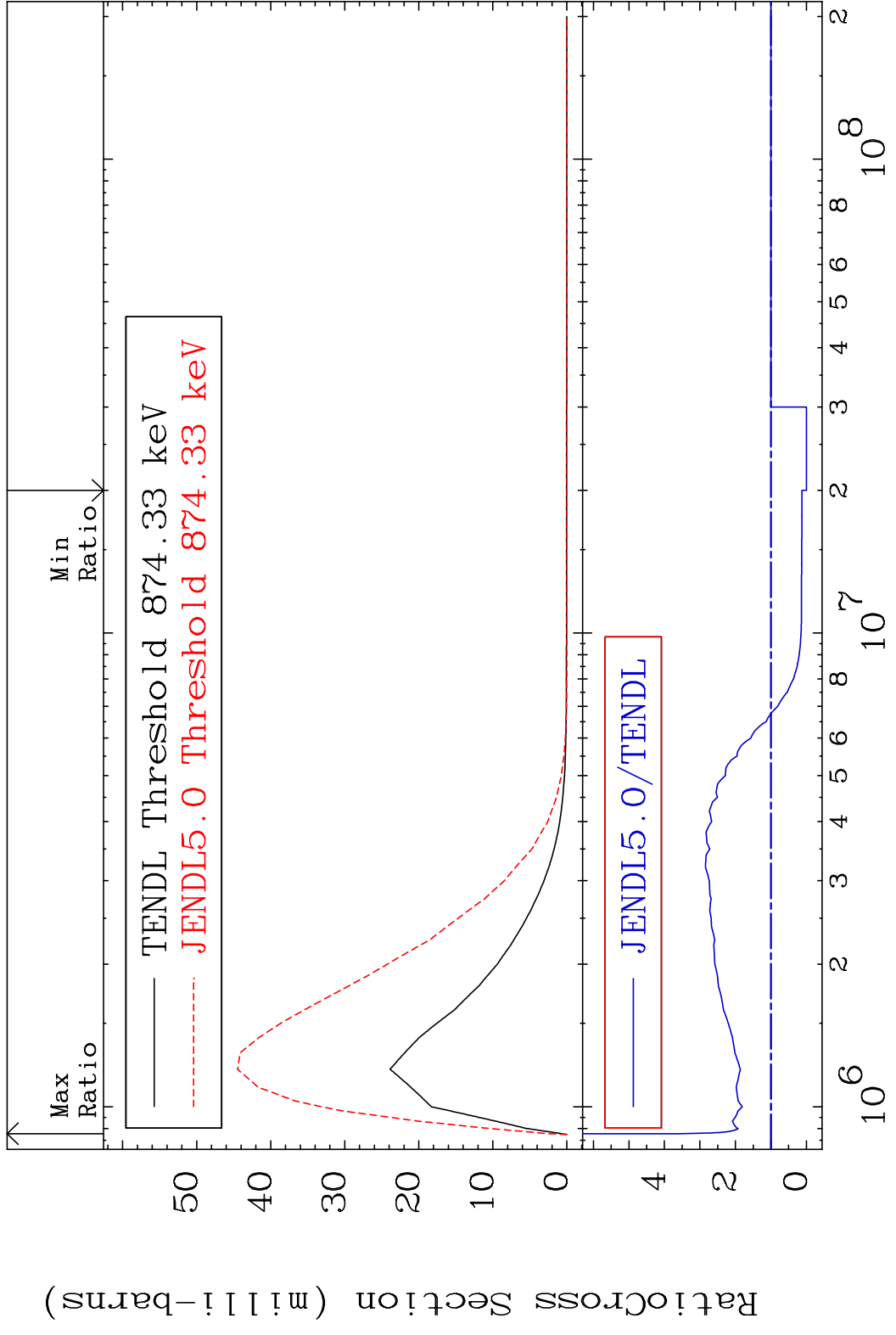


31 45-Rh-105

MAT 4531 MT= 71 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 9999. %

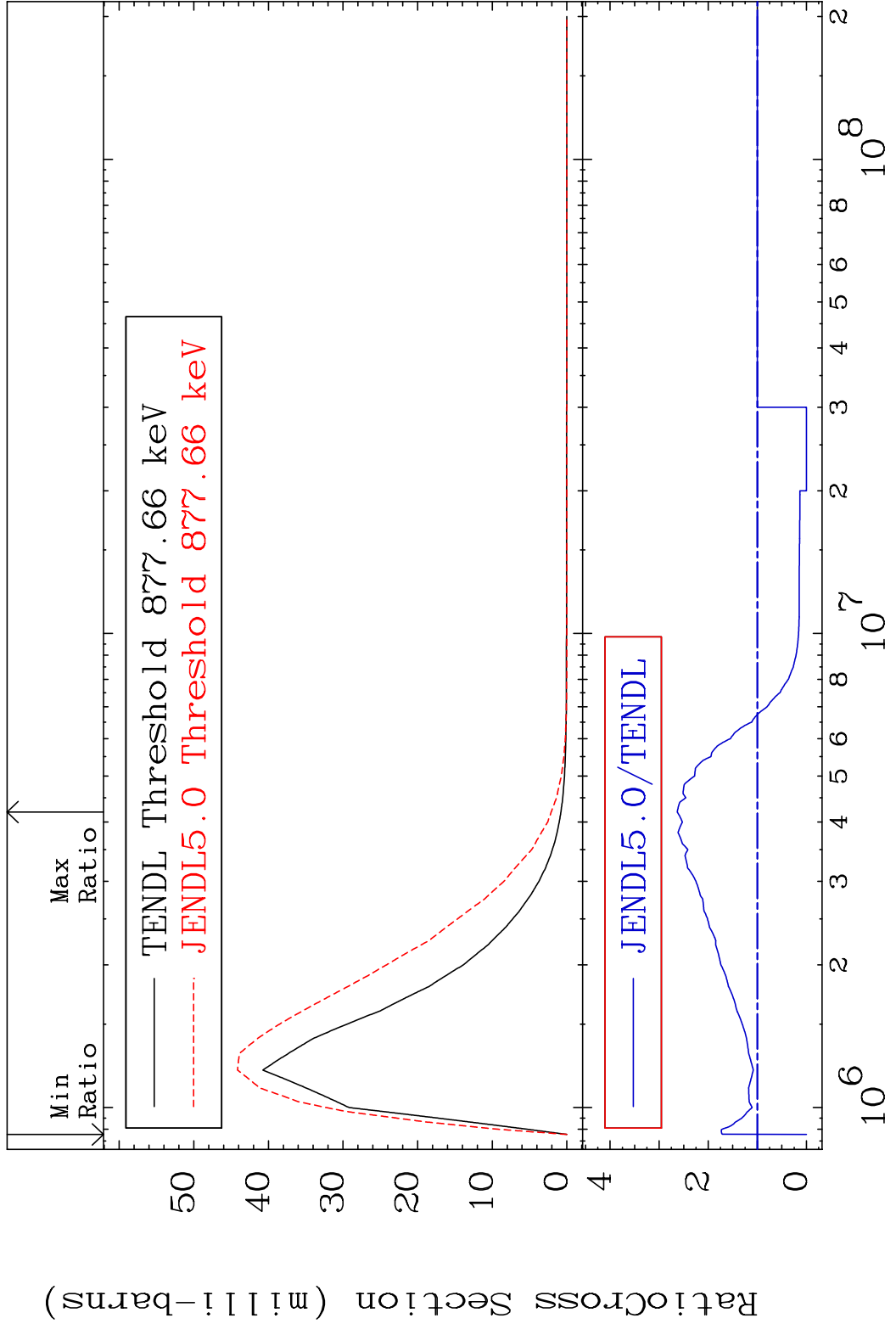


MAT 4531 MT= 72 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 264.0 %



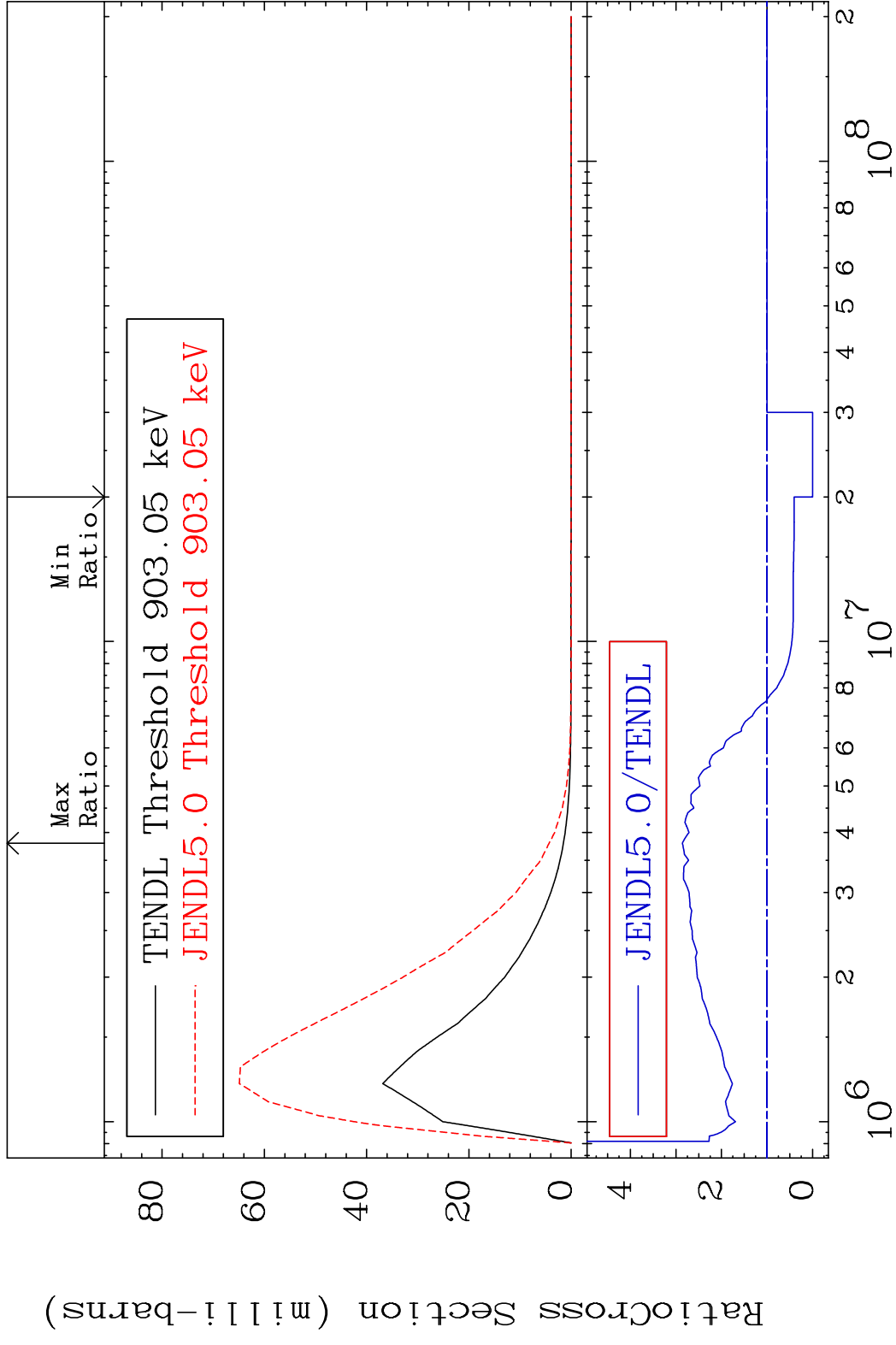
33 Incident Energy (eV) 45-Rh-105

MAT 4531 MT= 73 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 163.3 %



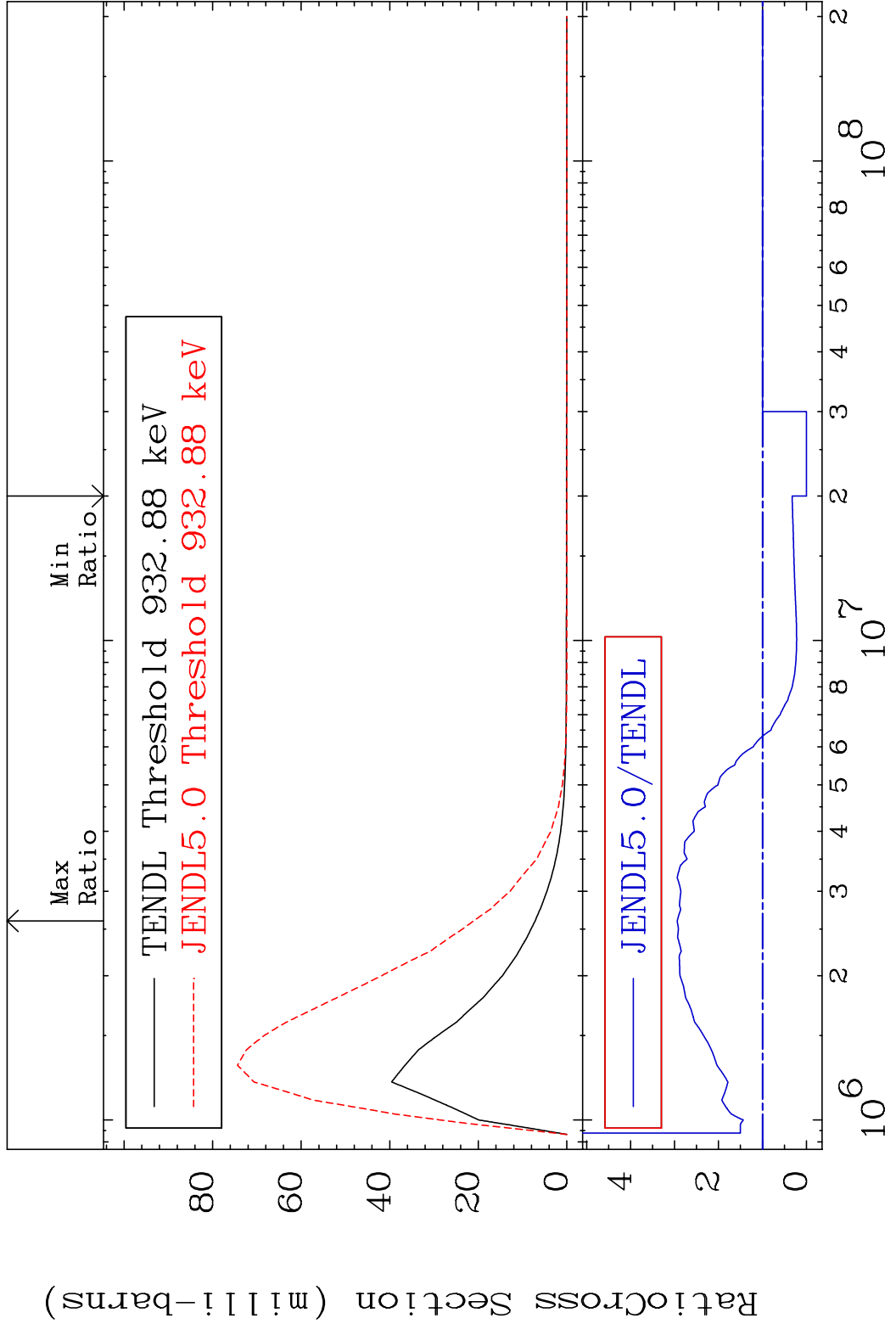
34 Incident Energy (eV) 45-Rh-105

MAT 4531 MT= 74 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 186.0 %



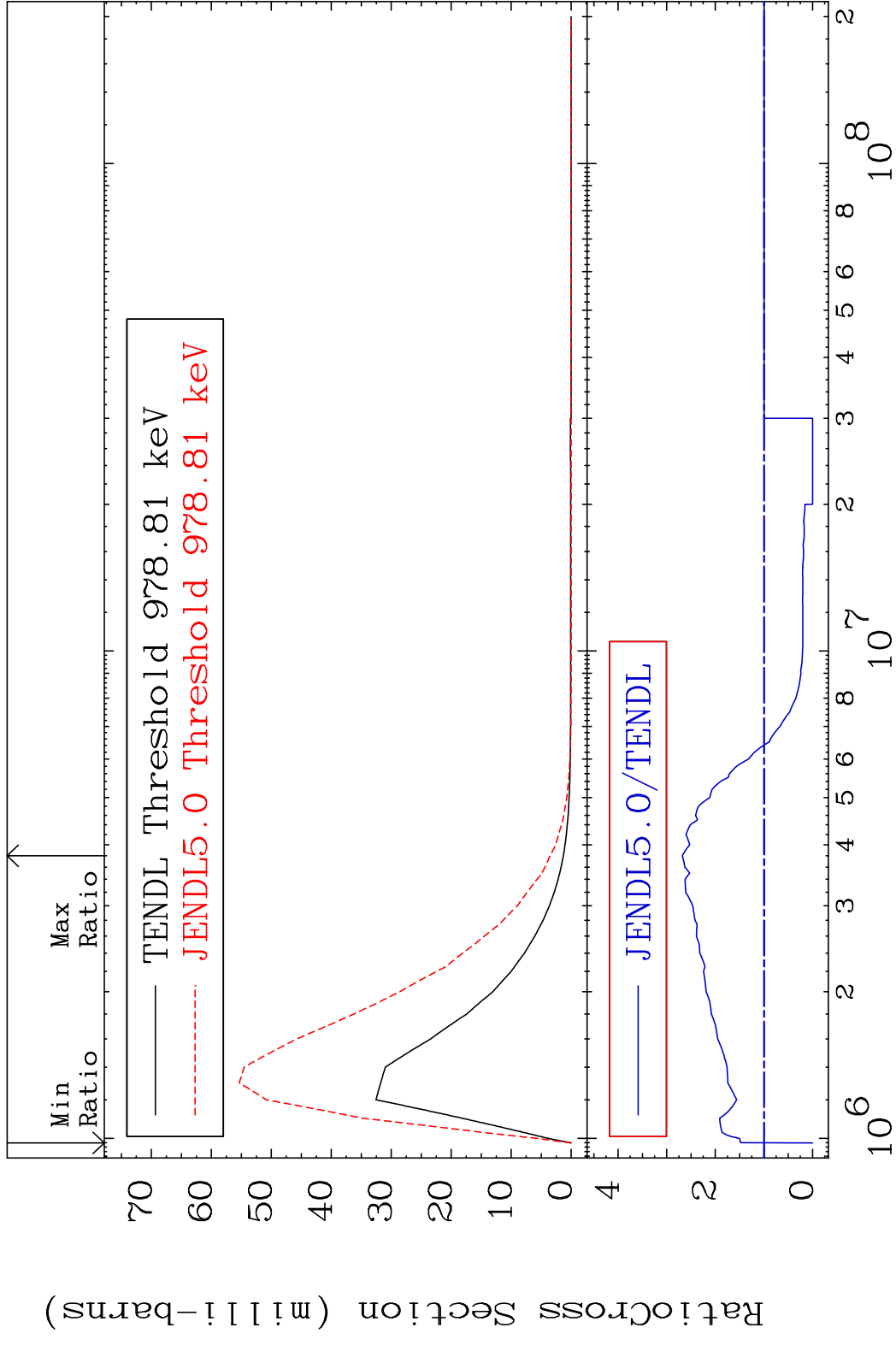
35 Incident Energy (eV) 45-Rh-105

MAT 4531 MT= 75 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 193.9 %

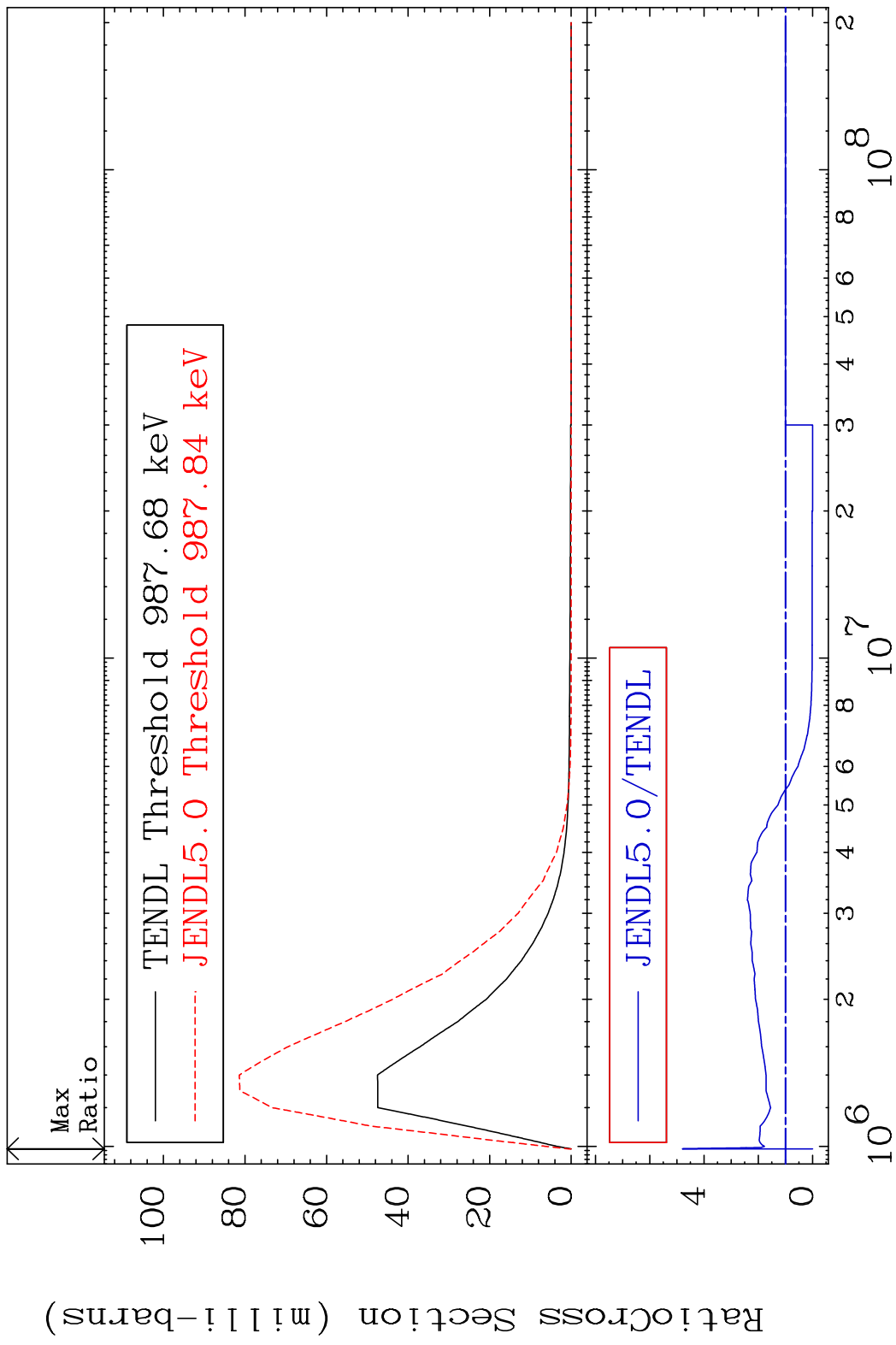


36 Incident Energy (eV) 45-Rh-105

MAT 4531 MT= 76 (n,n') Level 45-Rh-105
 Cross Section -100.0 To 167.8 %

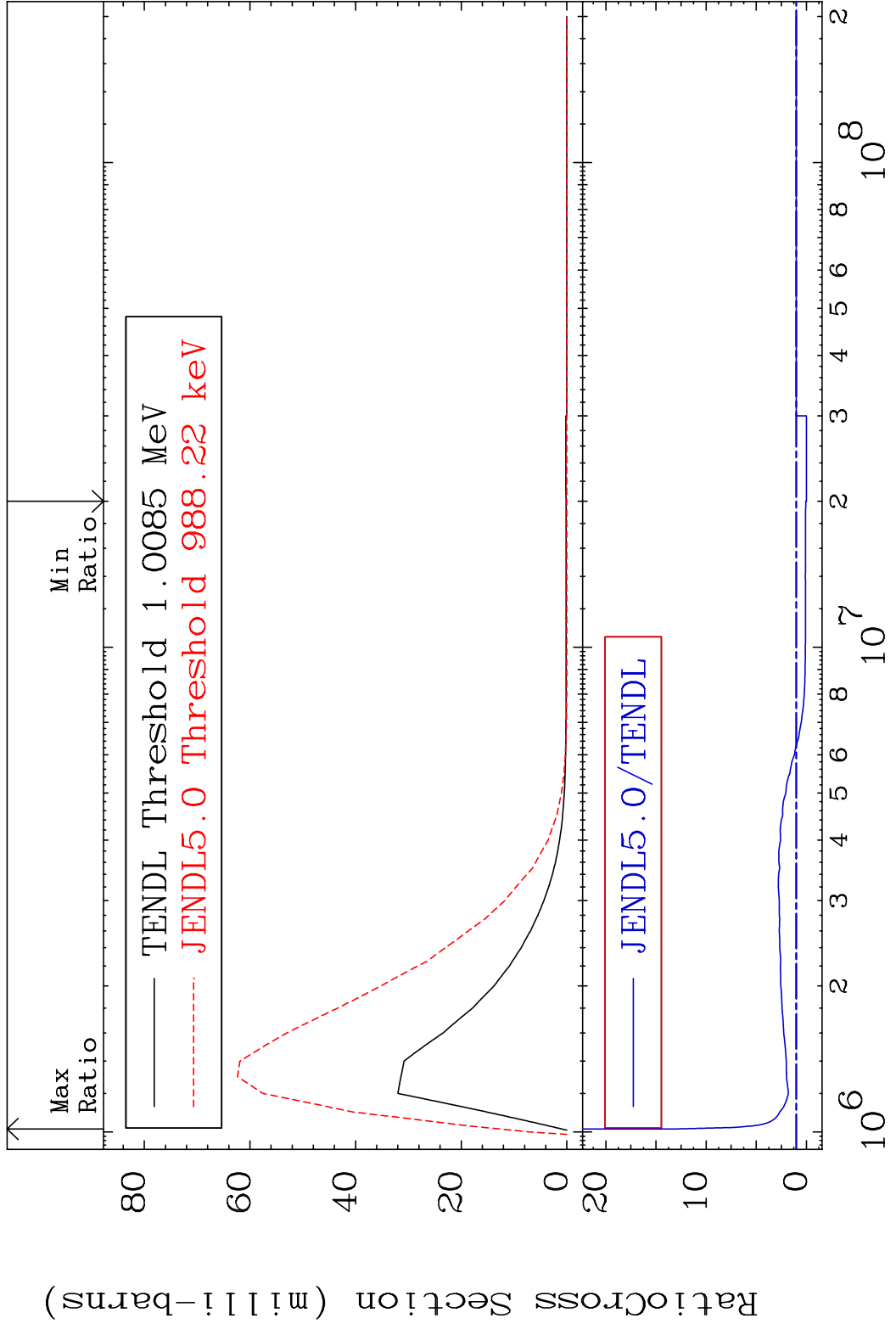


MAT 4531 MT= 77 (n,n') Level 45-Rh-105
 Cross Section -100.0 To 379.8 %



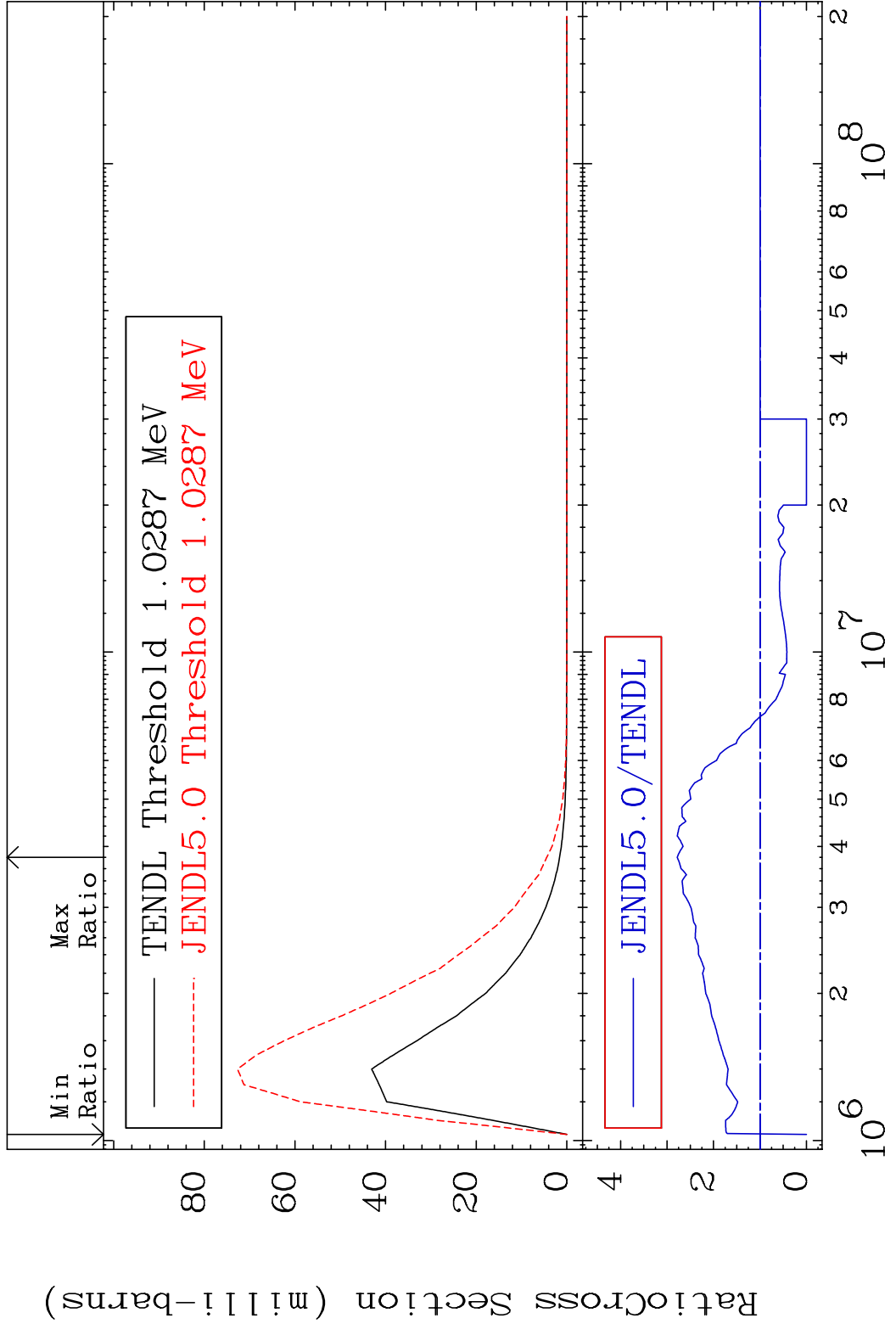
38 Incident Energy (eV) 45-Rh-105

MAT 4531 MT= 78 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 1189. %



39 Incident Energy (eV) 45-Rh-105

MAT 4531 MT= 79 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 178.2 %



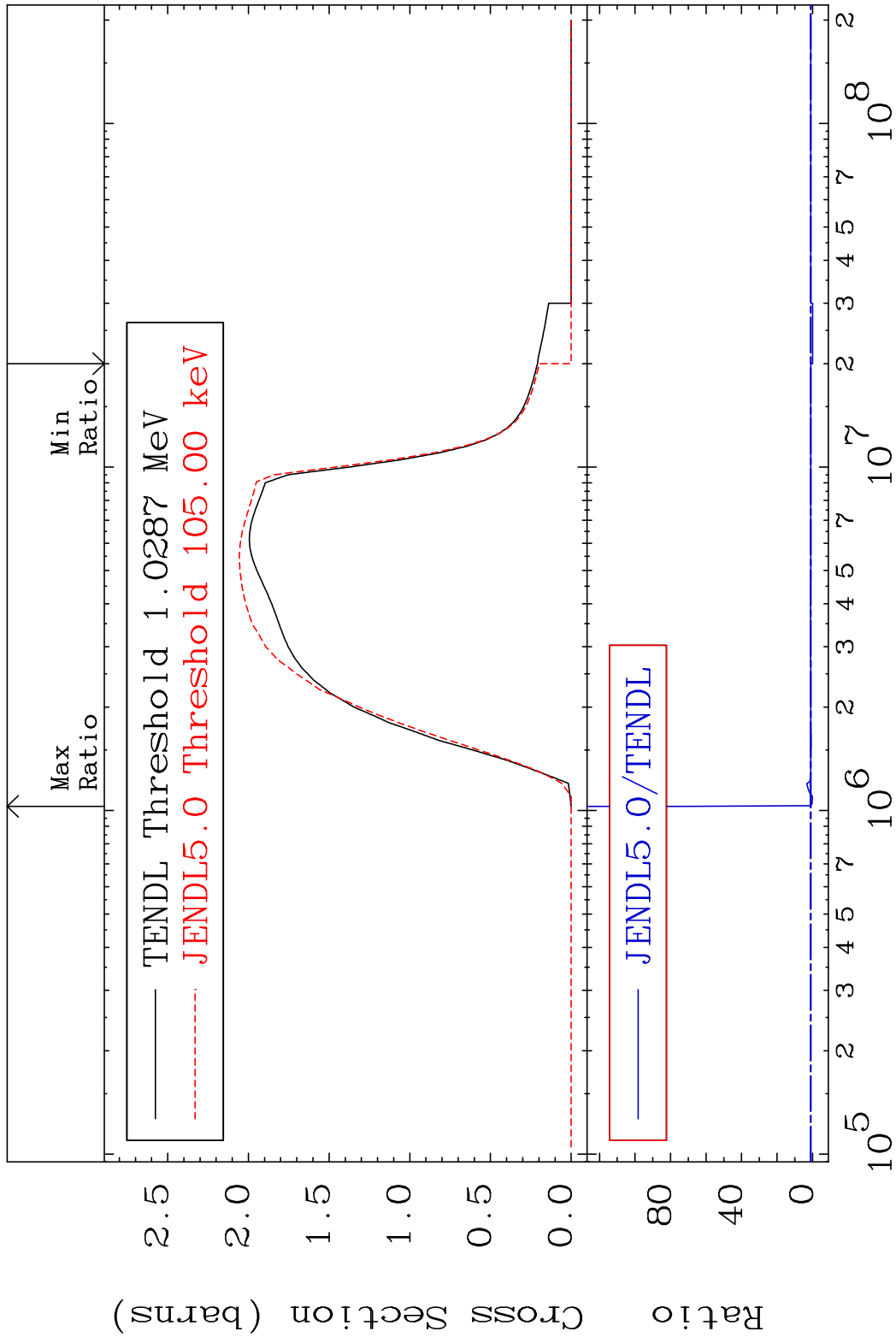
40 Incident Energy (eV) 45-Rh-105

MAT 4531

(n, n') Continuum

45-Rh-105

Cross Section -100.0 To 7234. %



41

Incident Energy (eV)

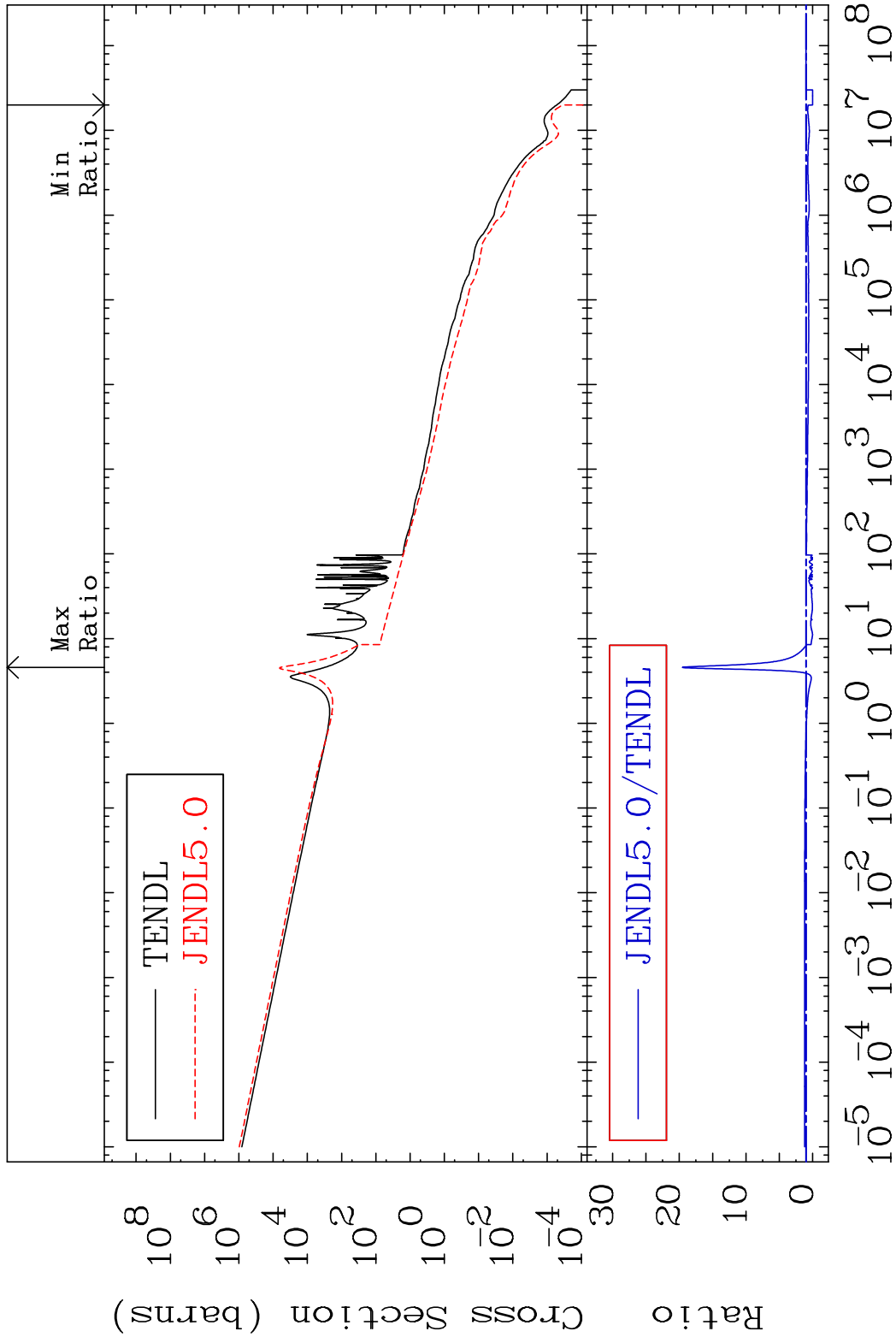
45-Rh-105

MAT 4531

(n, γ)

45-Rh-105

Cross Section -100.0 To 1854. %

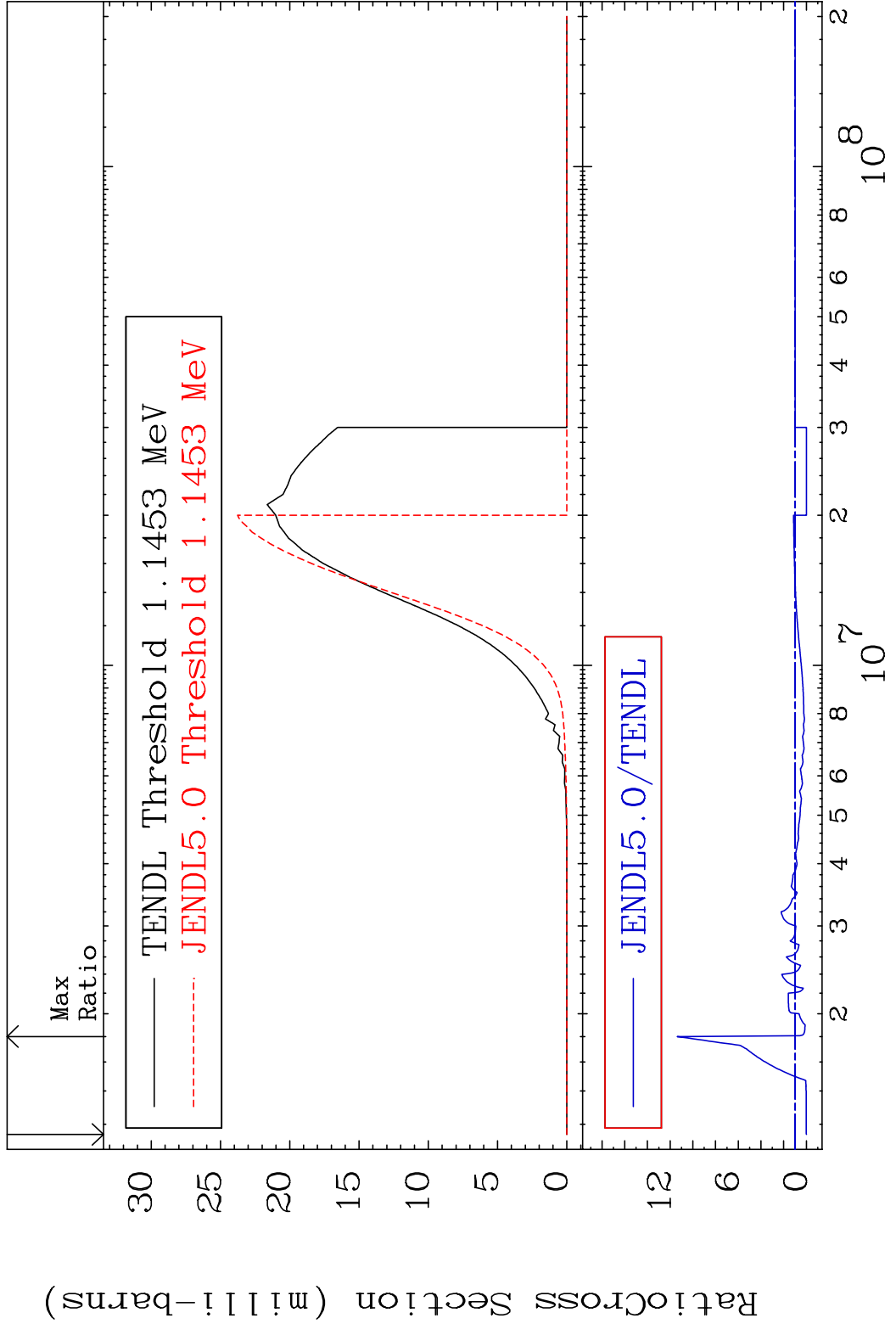


42

Incident Energy (eV)

45-Rh-105

MAT 4531 (n,p) 45-Rh-105
 Cross Section -100.0 To 1038. %

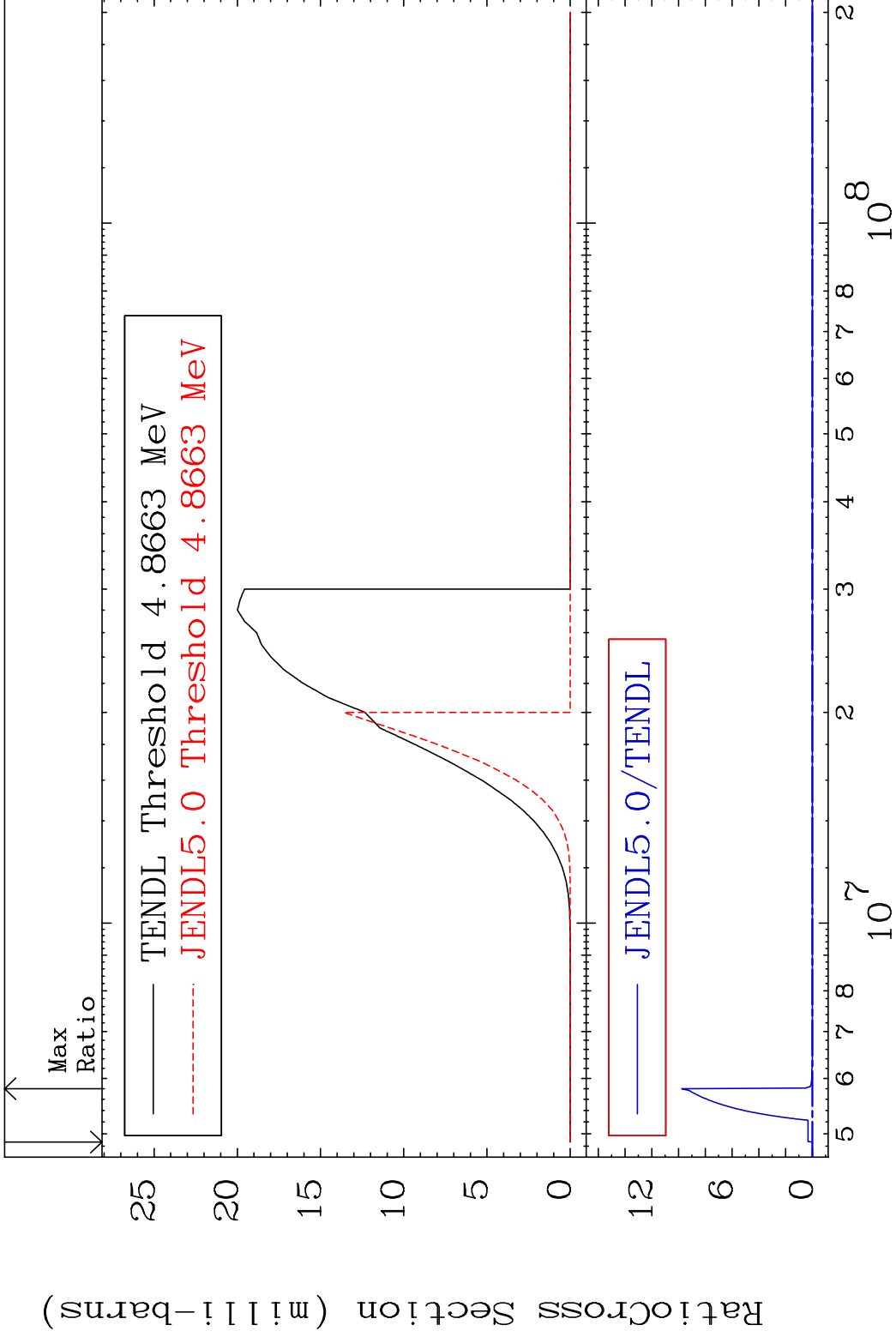


MAT 4531

(n, d)

45-Rh-105

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

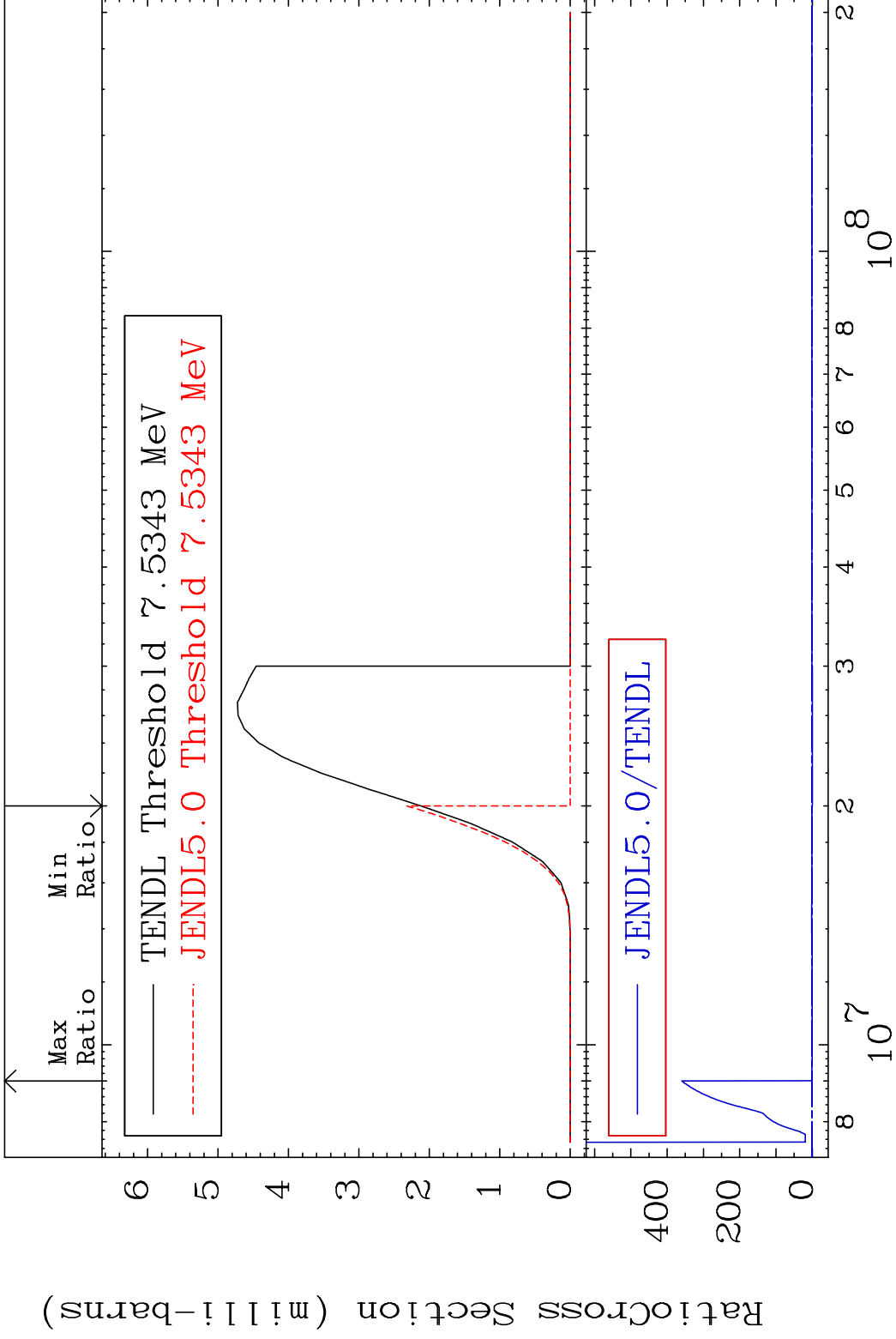
45-Rh-105

MAT 4531

(n, t)

45-Rh-105

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

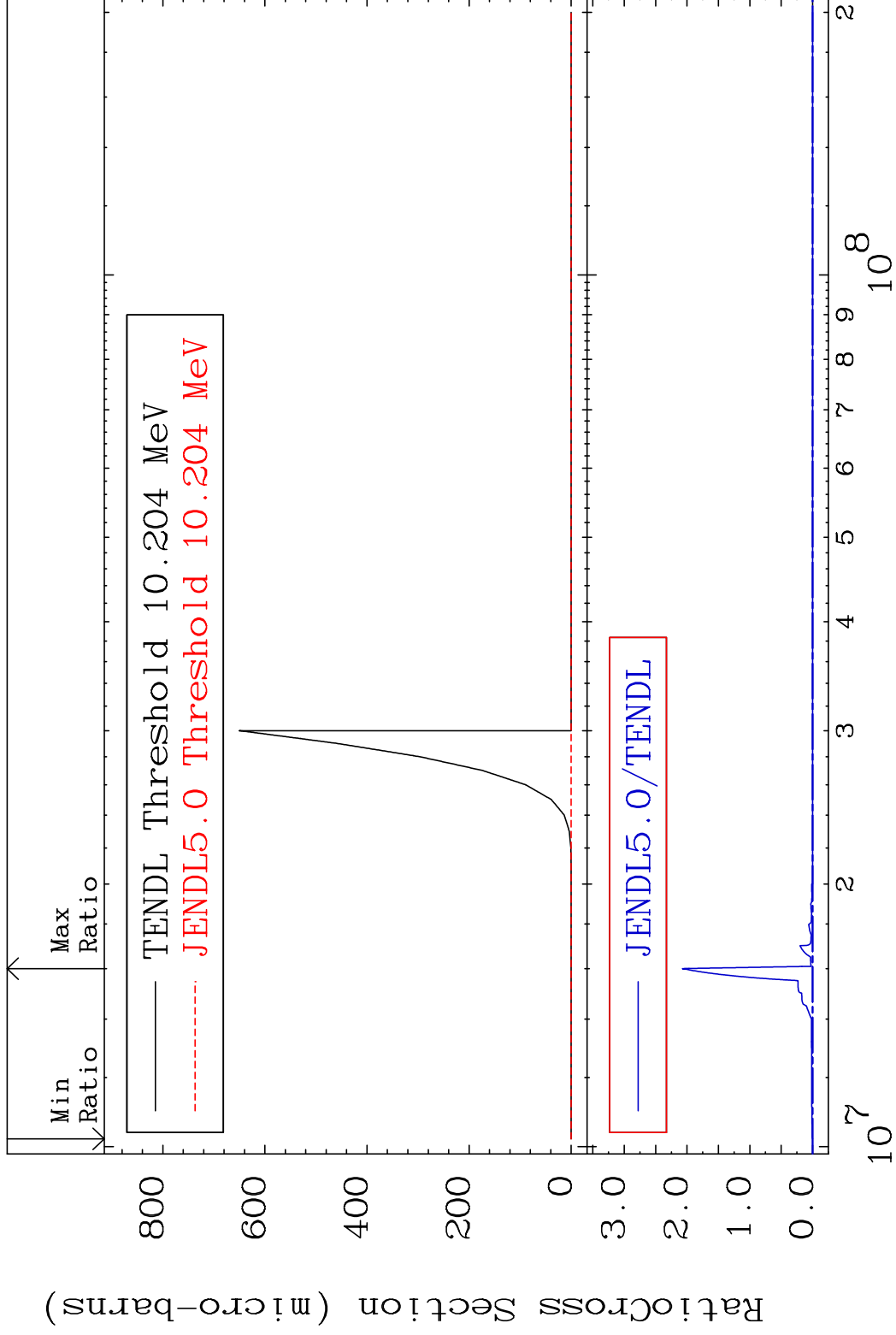
45-Rh-105

MAT 4531

(n, He-3)

45-Rh-105

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

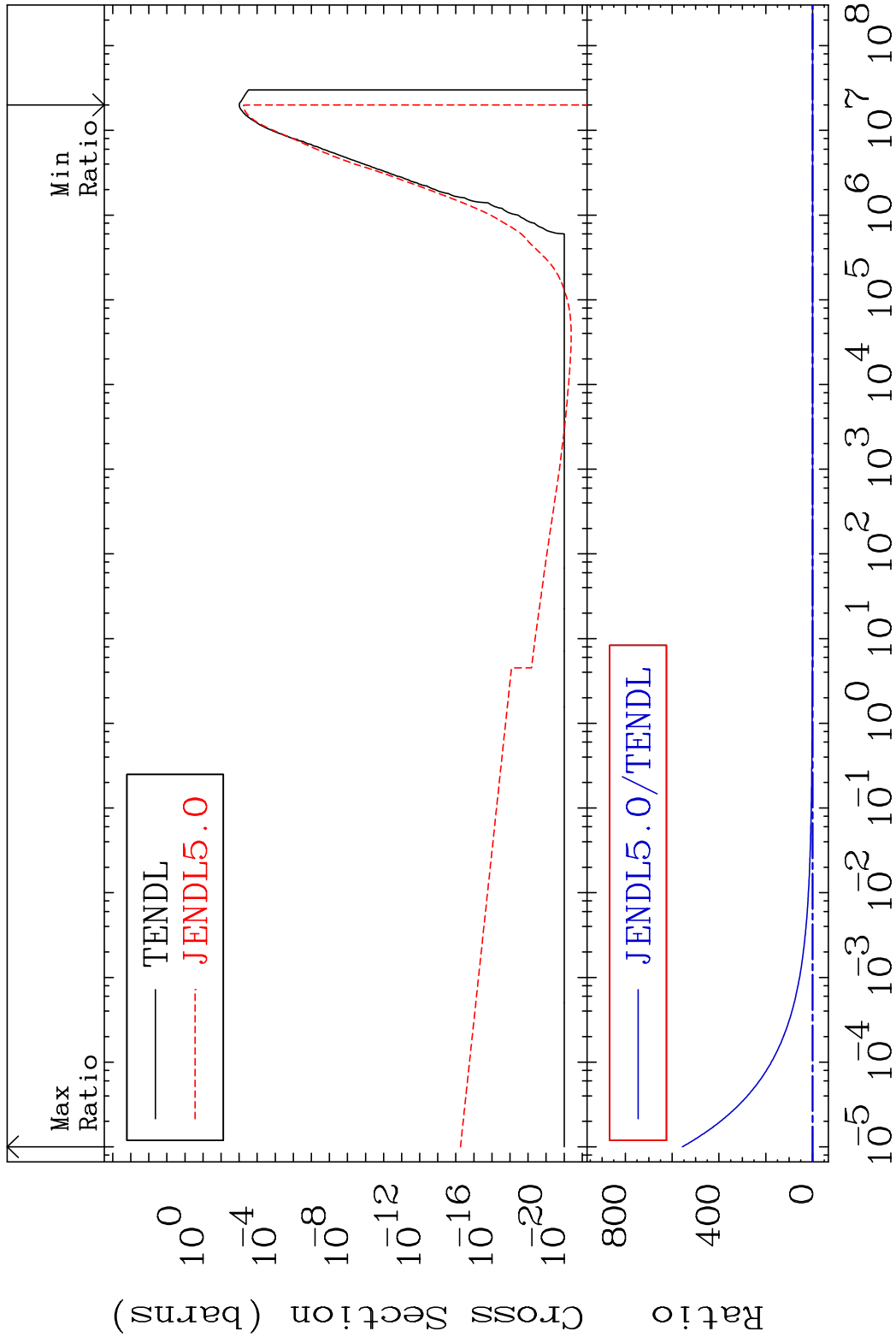
45-Rh-105

MAT 4531

(n, α)

45-Rh-105

Cross Section -100.0 To 9999. %

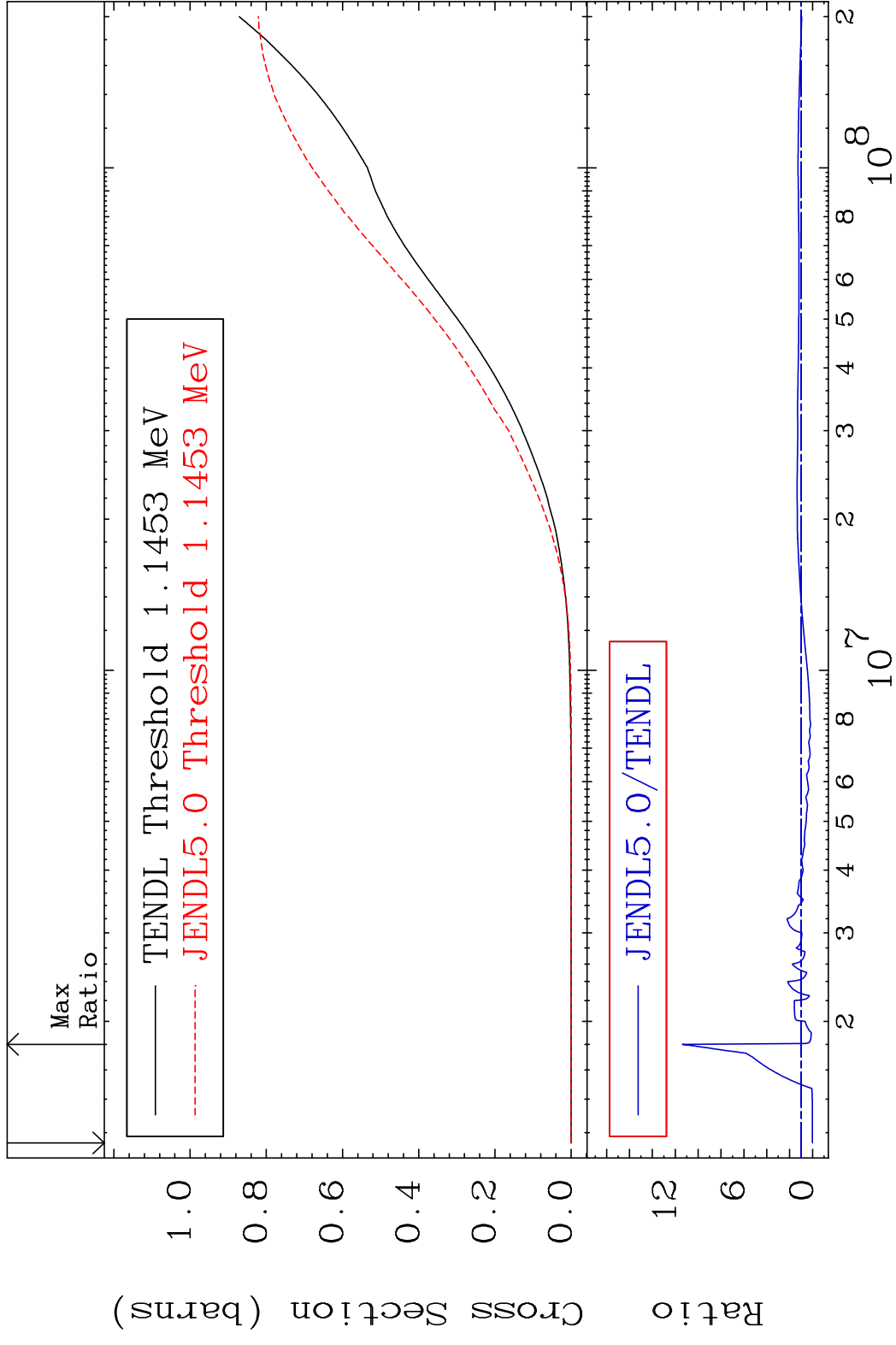


47

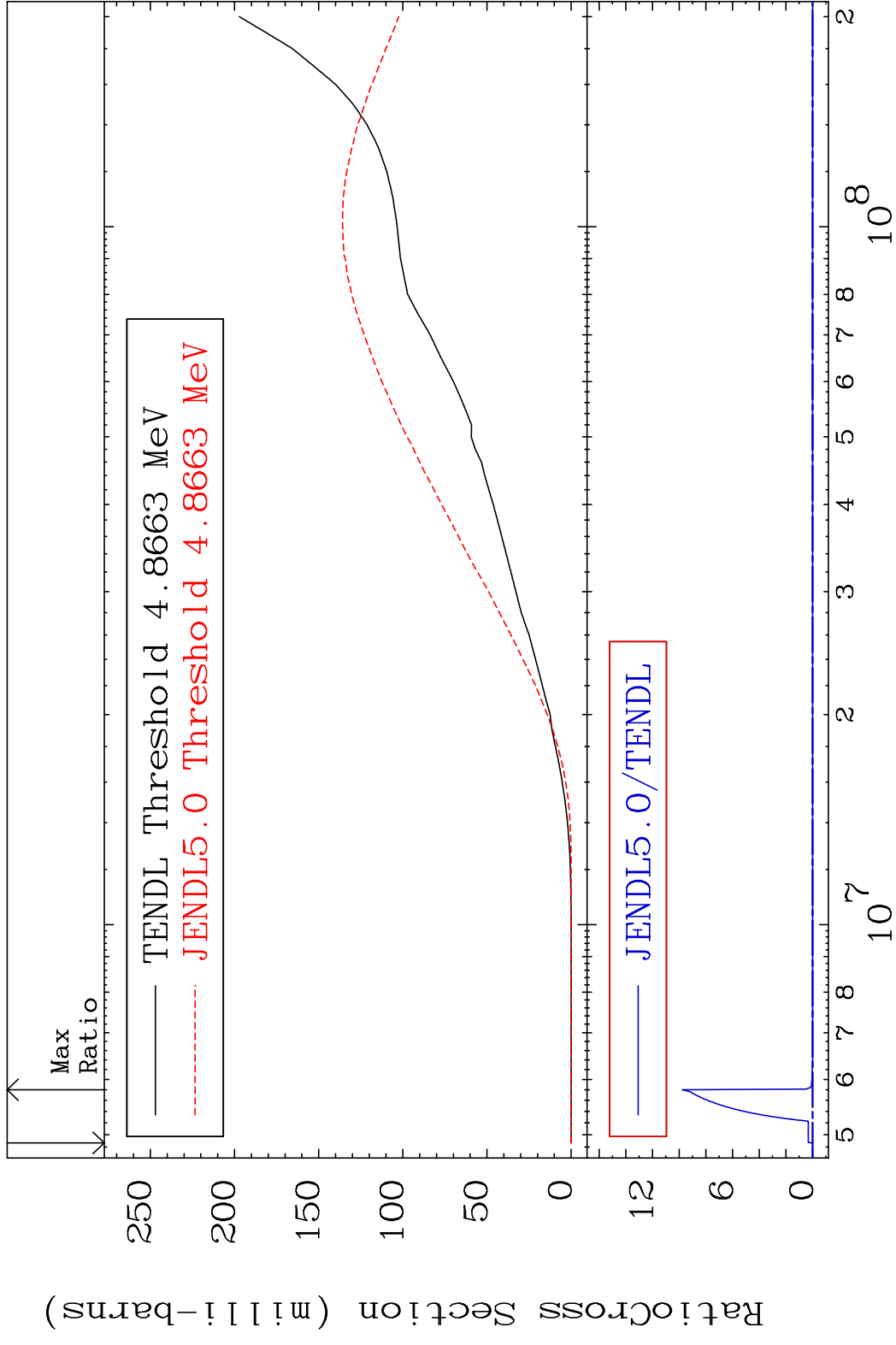
Incident Energy (eV)

45-Rh-105

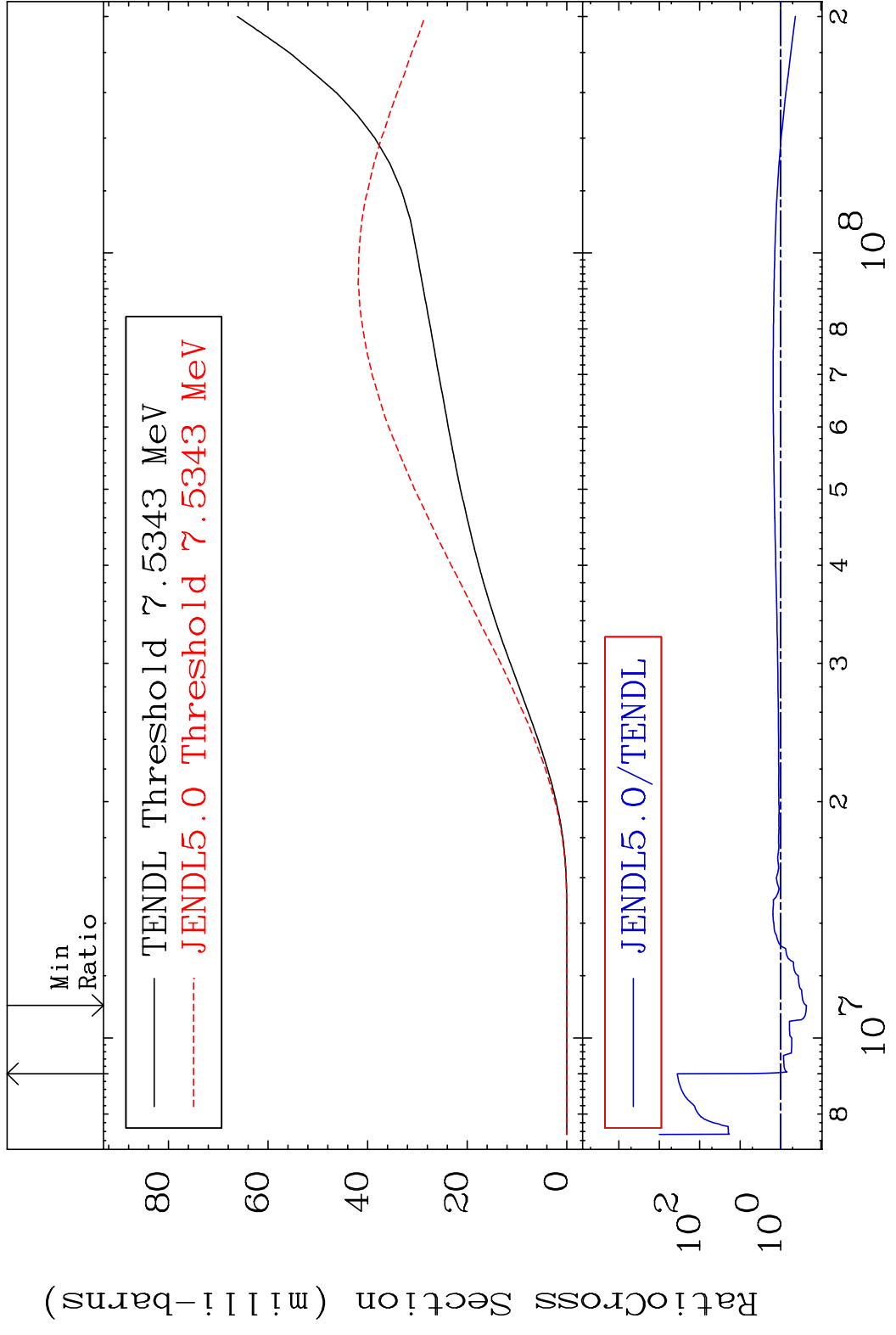
MAT 4531 Hydrogen Production 45-Rh-105
 Cross Section -100.0 To 1038. %



MAT 4531 Deuterium Production 45-Rh-105
 Cross Section -100.0 To 9999. %

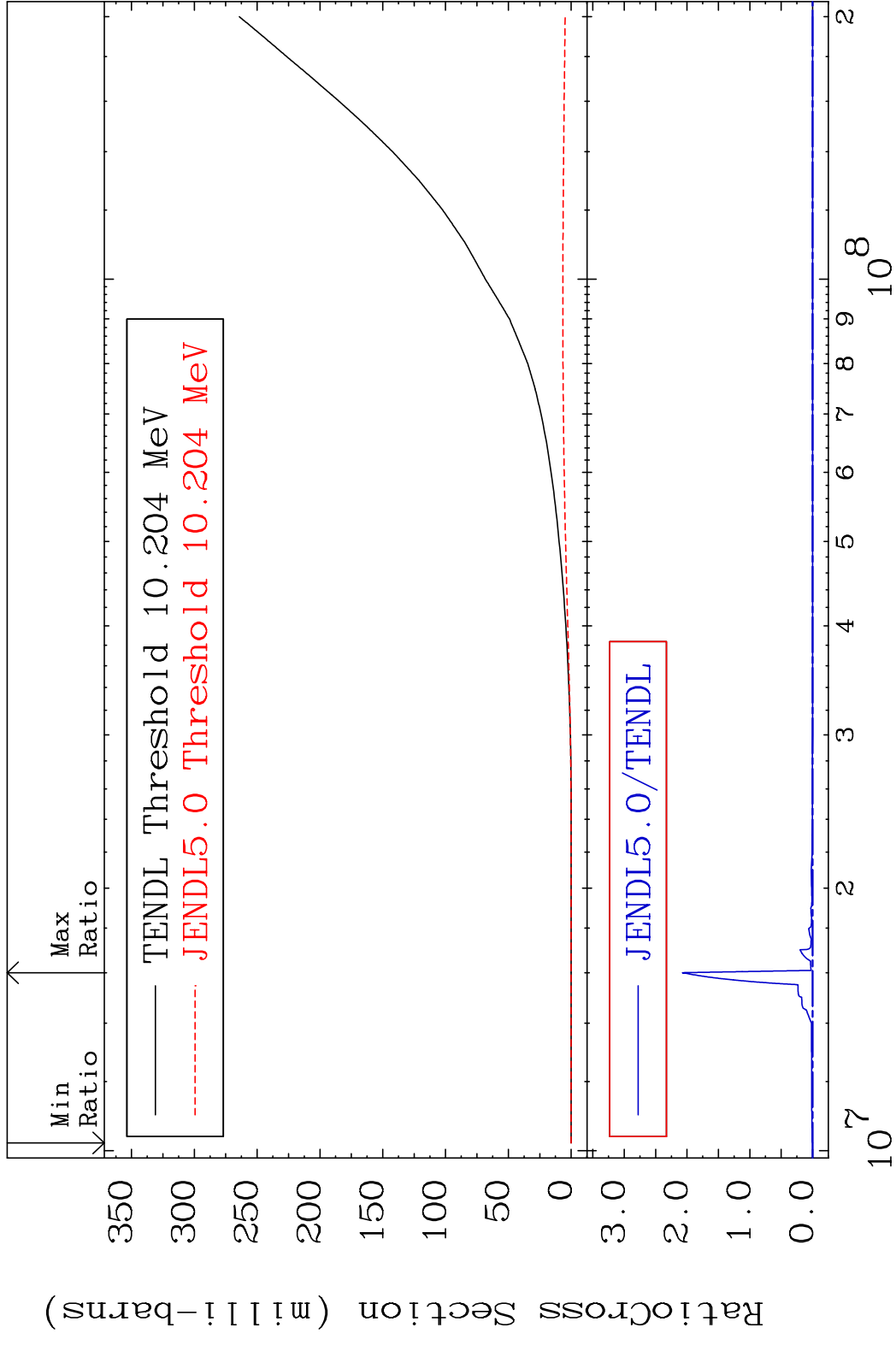


MAT 4531 Tritium Production 45-Rh-105
Cross Section -77.04 To 9999. %

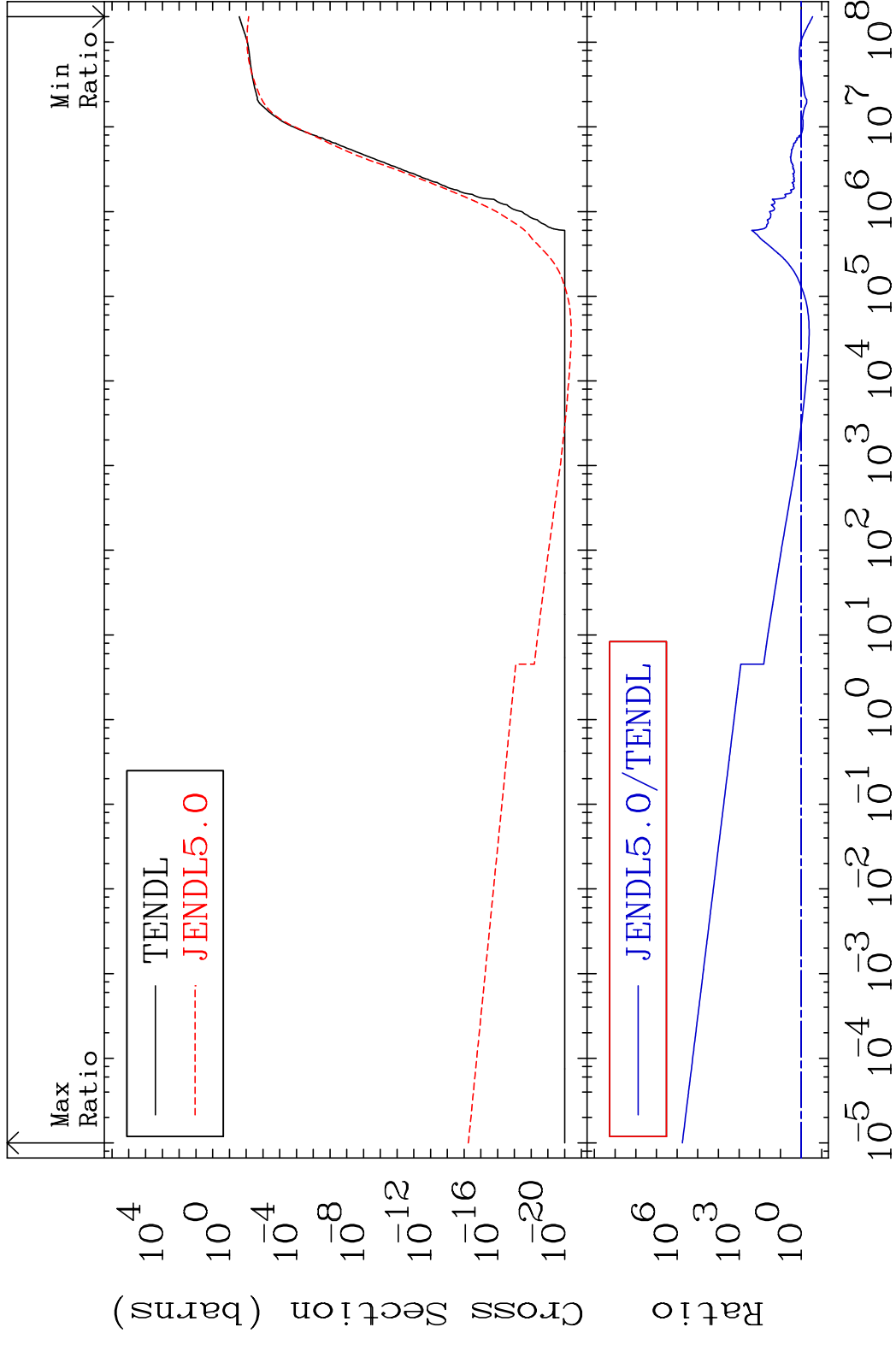


50 45-Rh-105

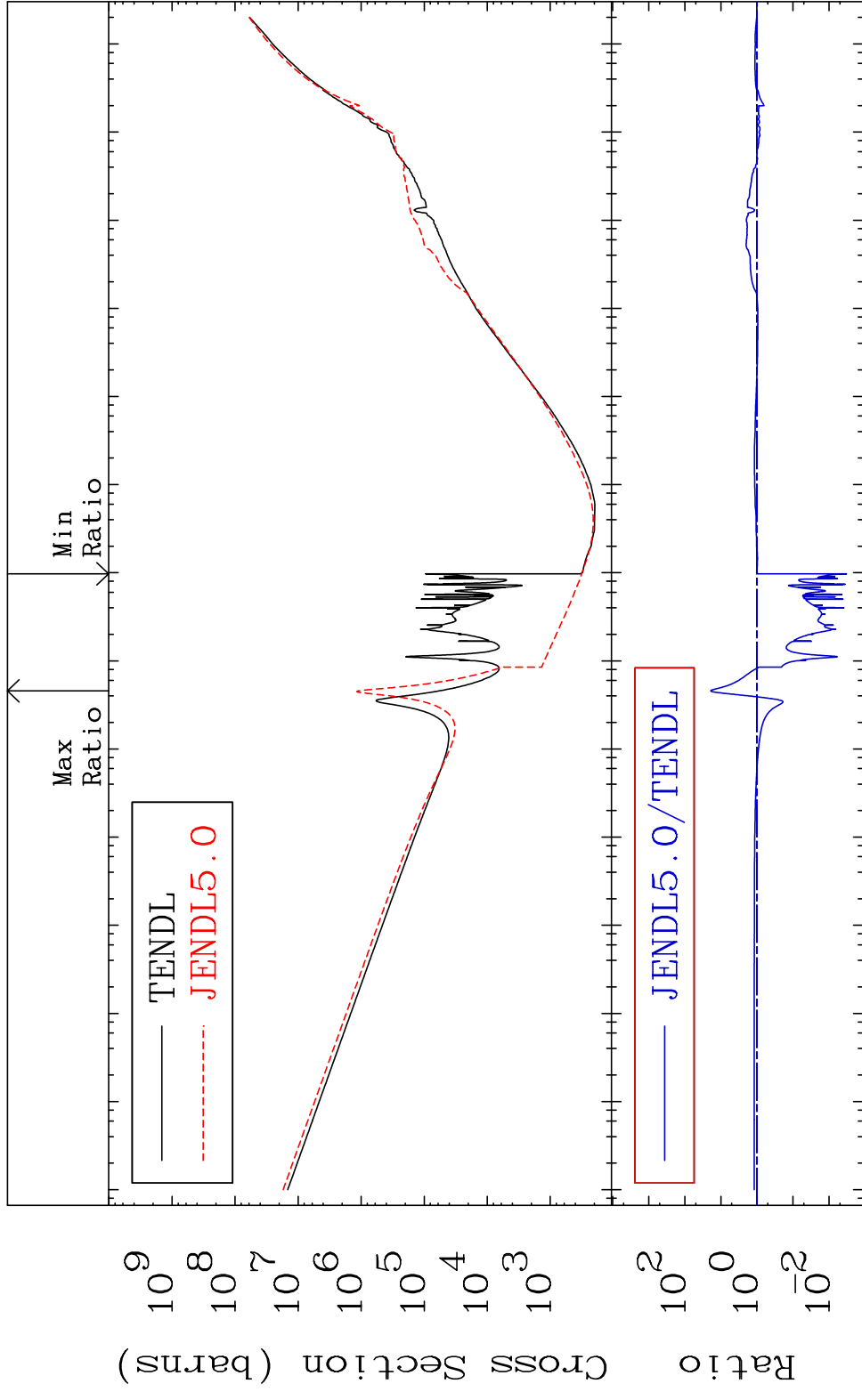
MAT 4531 He-3 Production 45-Rh-105
 Cross Section -100.0 To 9999. %



MAT 4531 He-4 Production 45-Rh-105
 Cross Section -72.06 To 9999. %



MAT 4531 Kerma total (eV-barns) 45-Rh-105
 Cross Section -99.67 To 1814. %

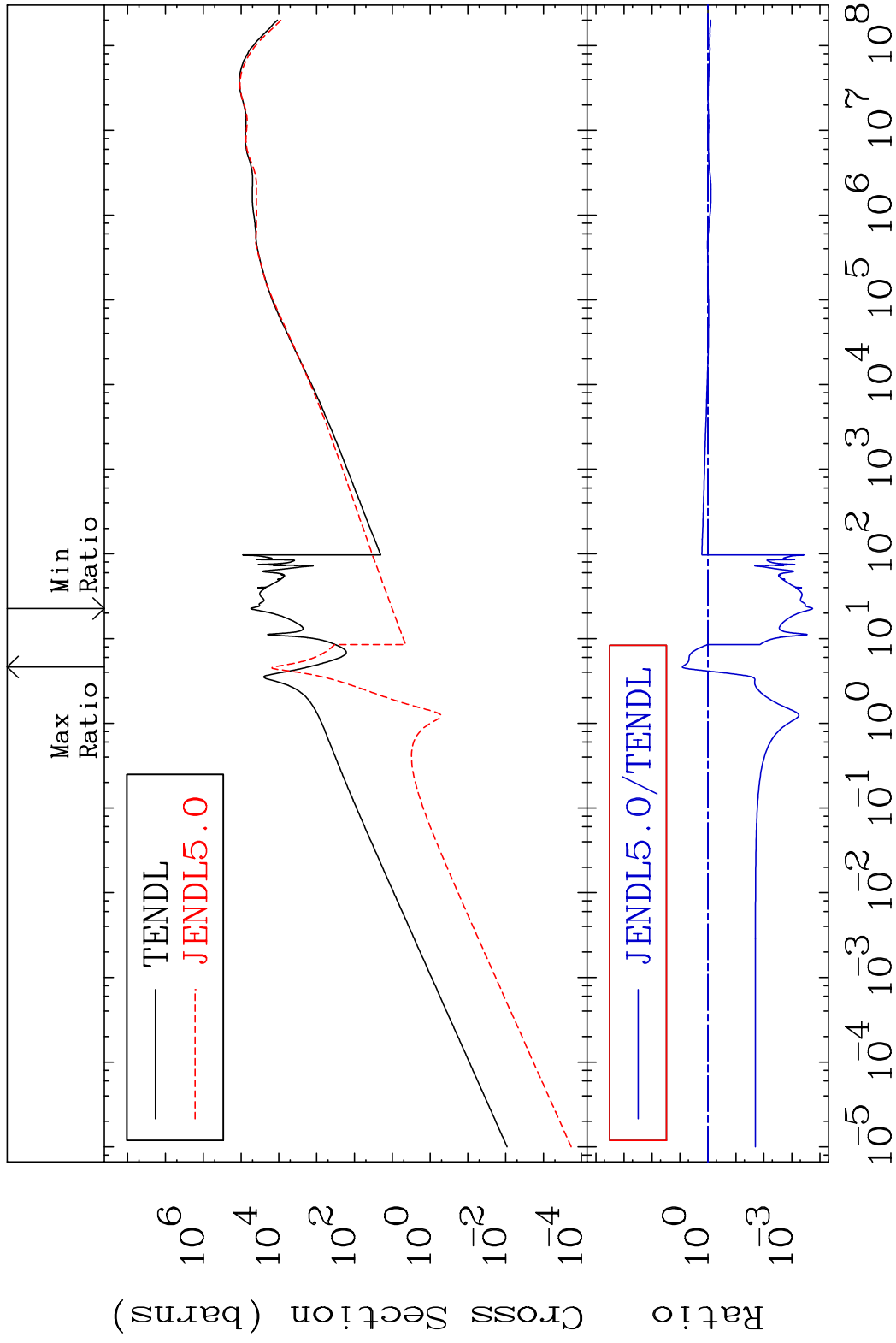


MAT 4531

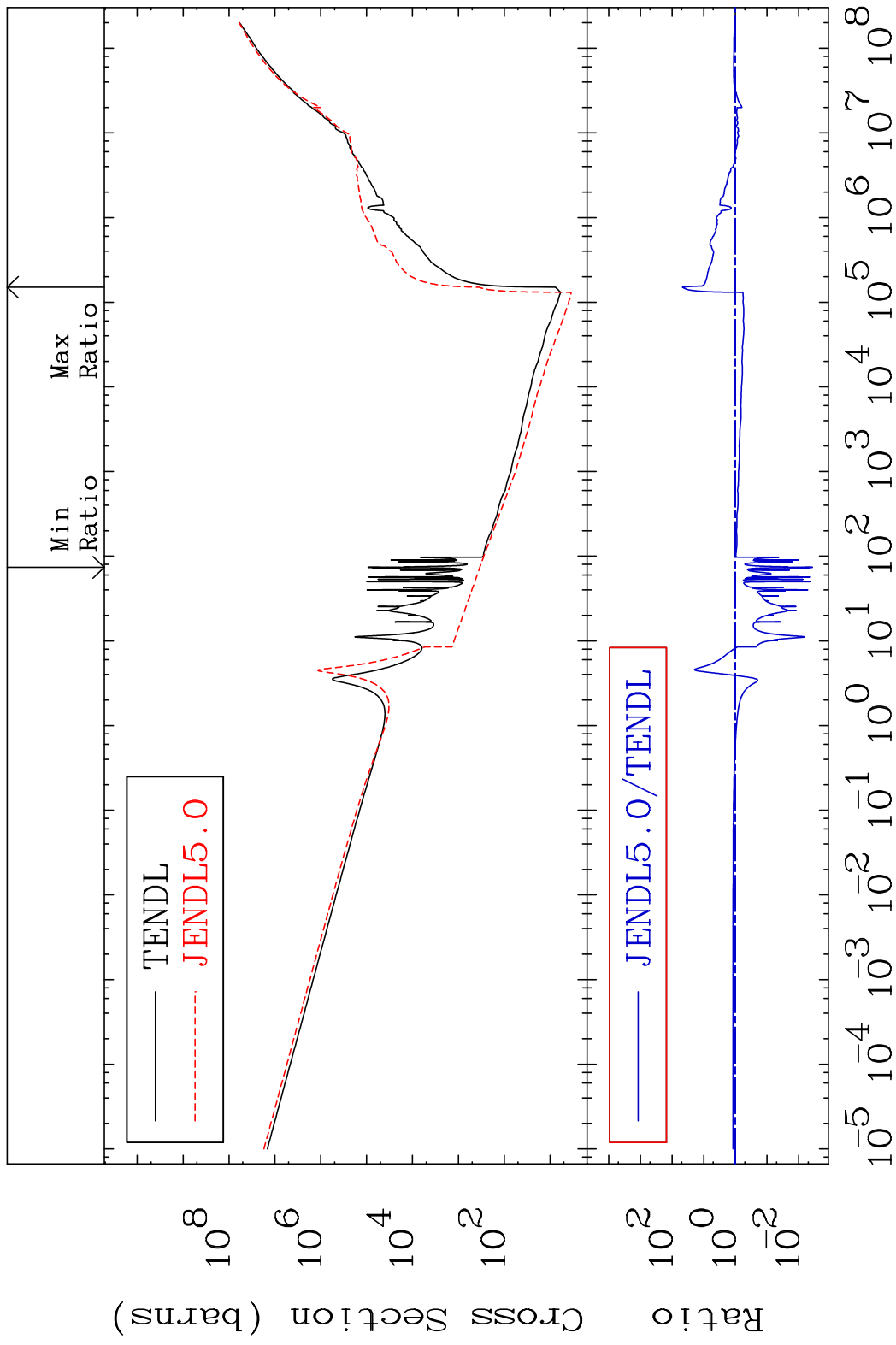
Kerma elastic

45-Rh-105

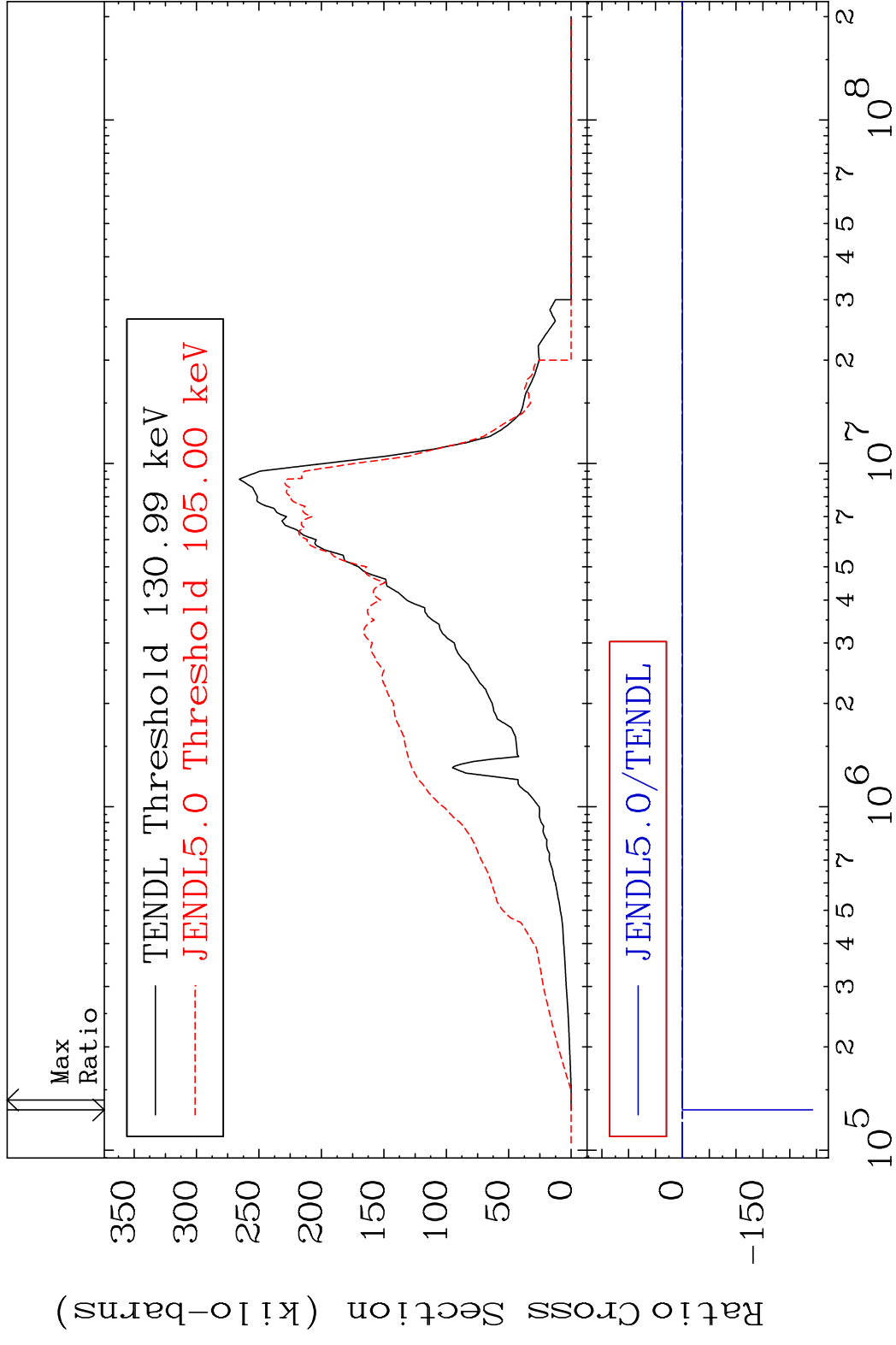
Cross Section -99.98 To 721.0 %



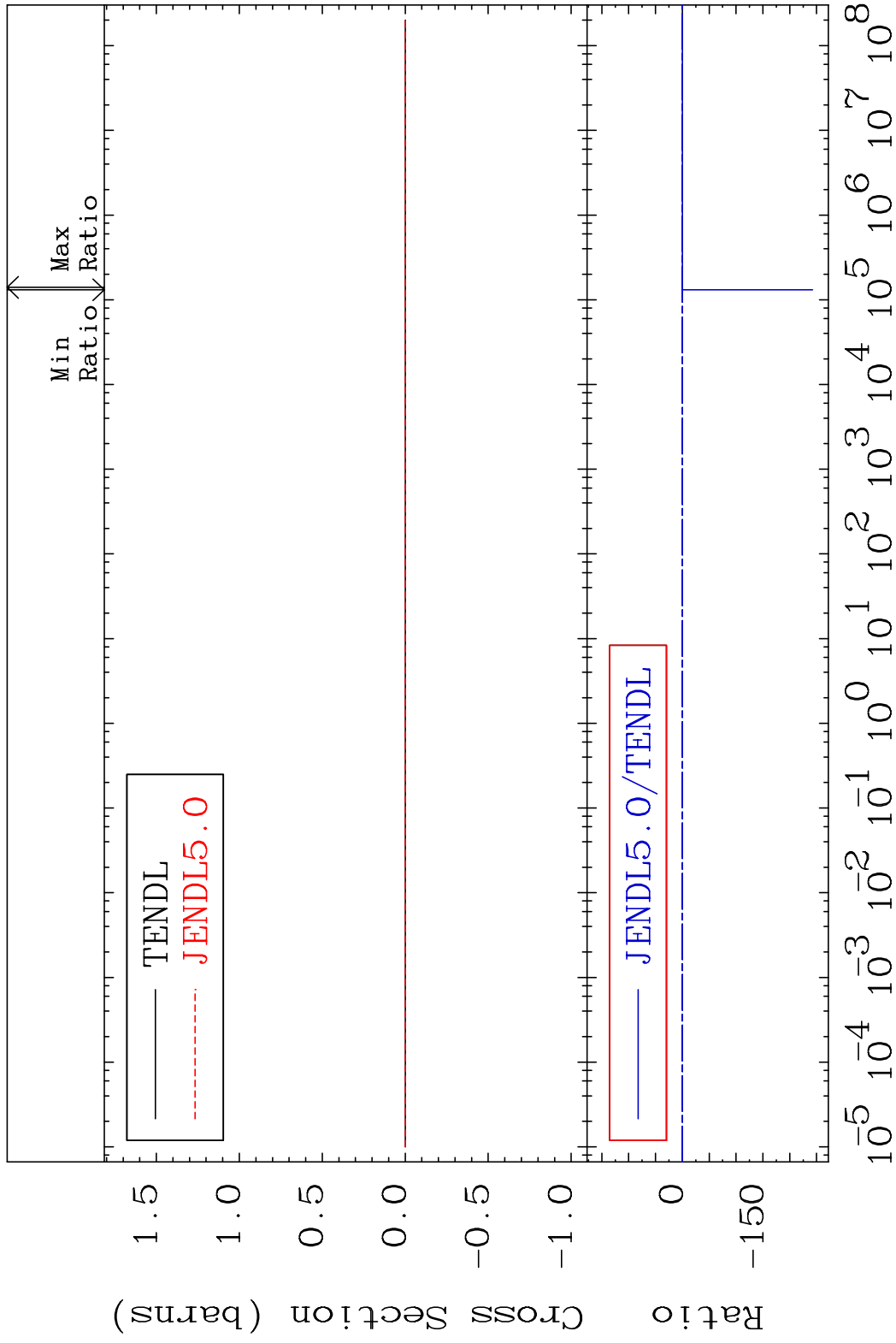
MAT 4531 Kerma non-elastic (all but mt2) 45-Rh-105
 Cross Section -99.64 To 4633. %



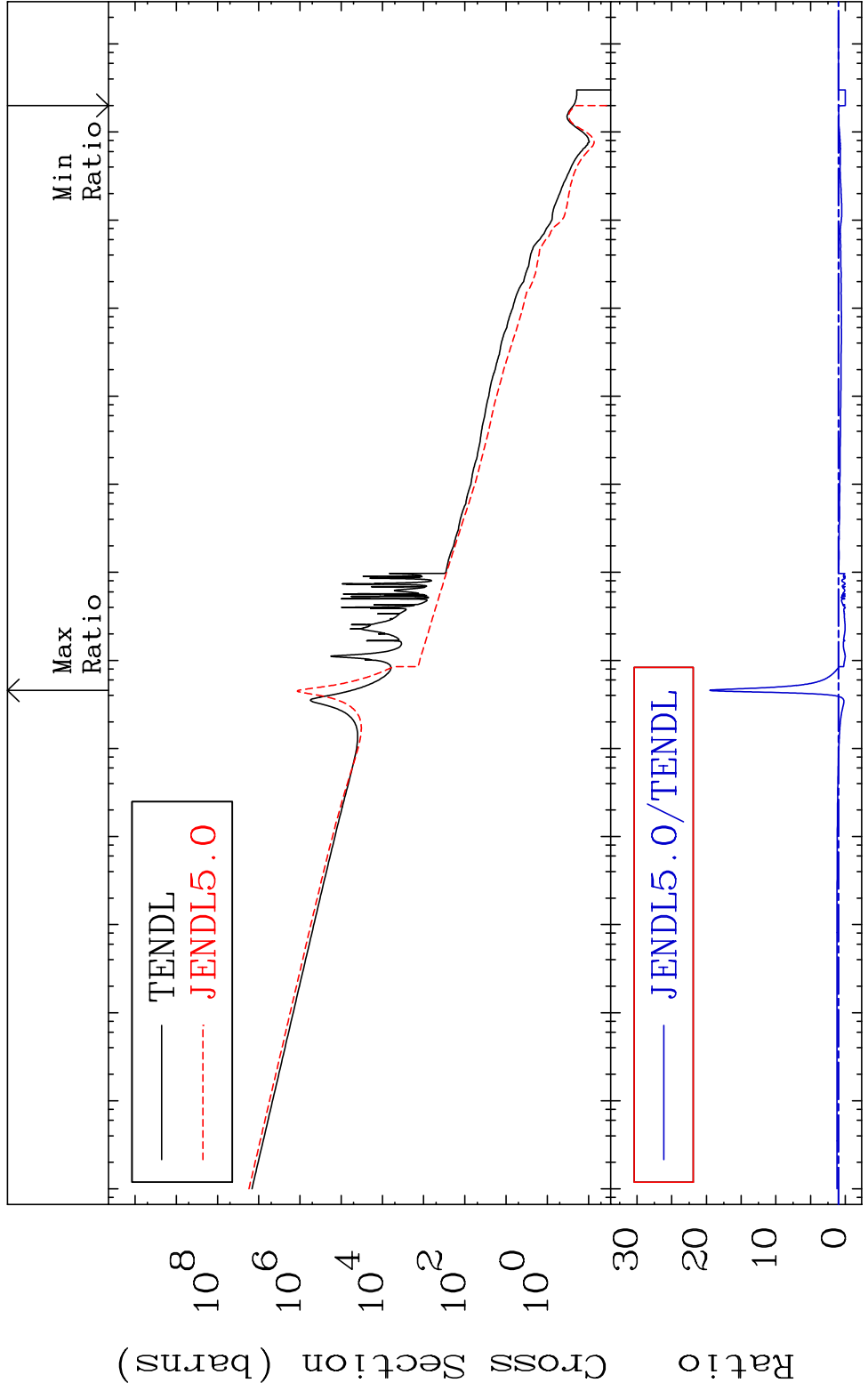
MAT 4531 Kerma inelastic (mt51-91) 45-Rh-105
 Cross Section -9999. To 9999. %



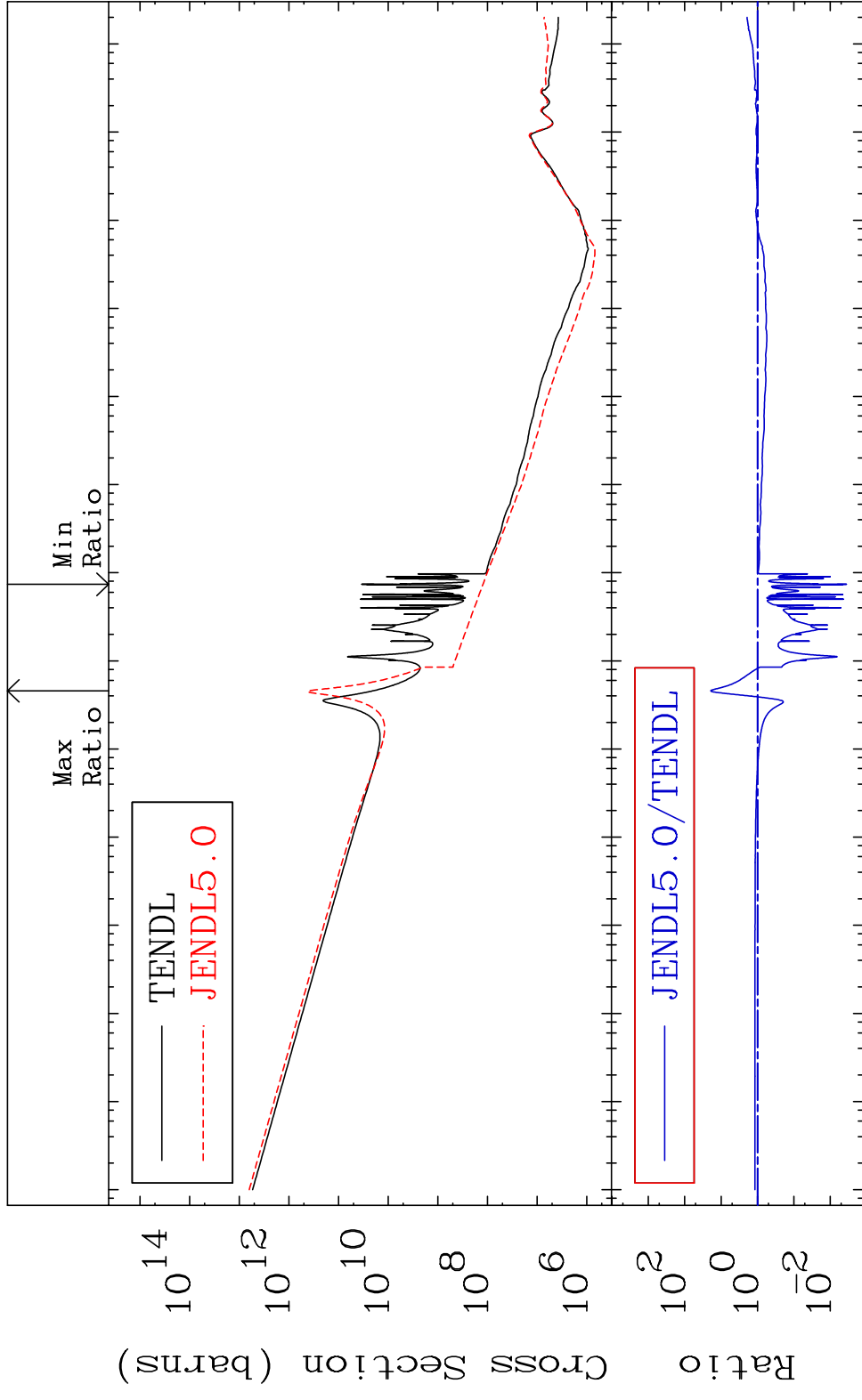
MAT 4531 Kerma fission (mt18 or mt19-20-21-38)45-Rh-105
 Cross Section -9999. To 9999. %



MAT 4531 Kerma capture (mt102) 45-Rh-105
 Cross Section -100.0 To 1852. %

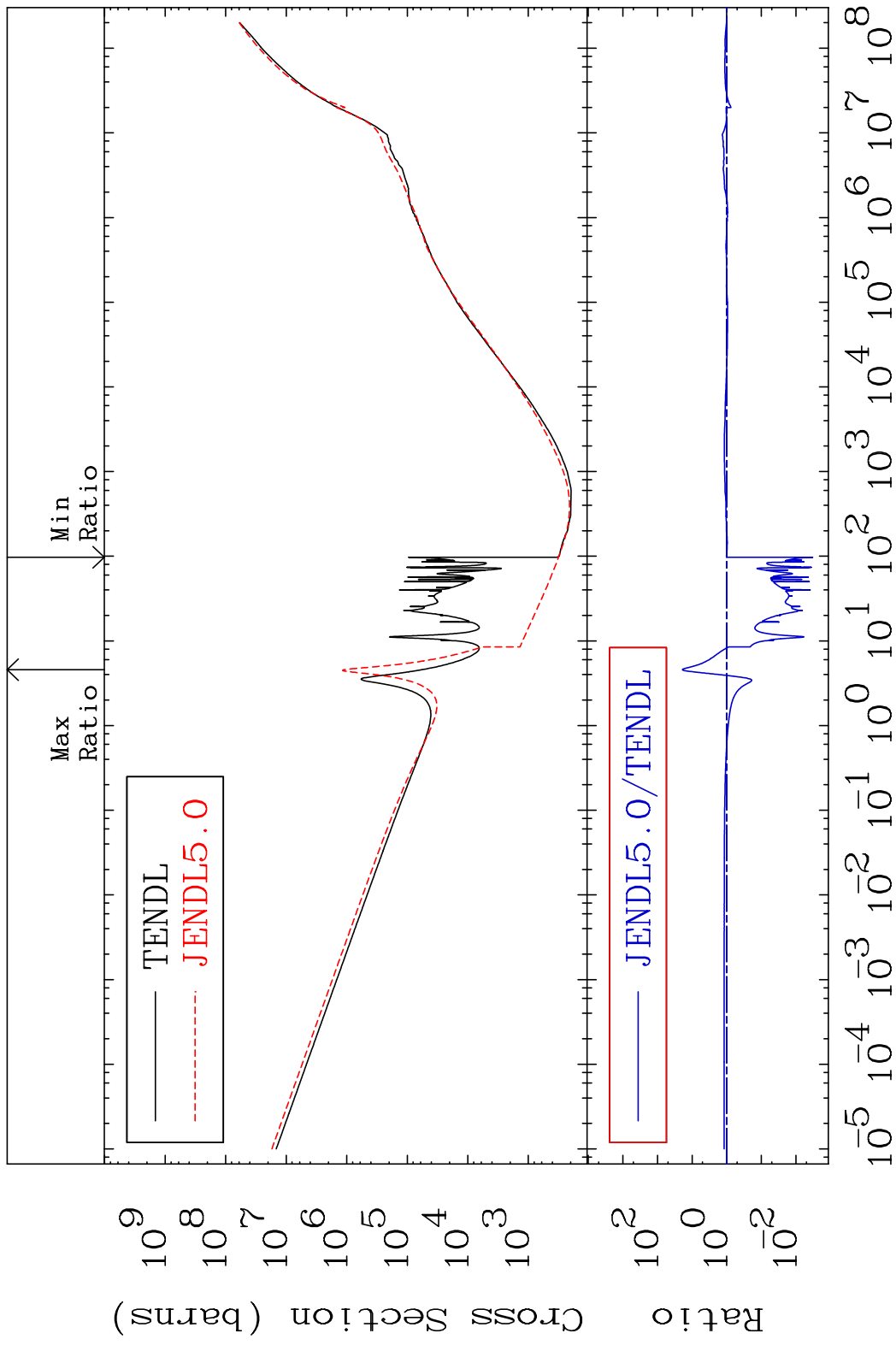


MAT 4531 Total photon (eV-barns) 45-Rh-105
 Cross Section -99.64 To 1828. %

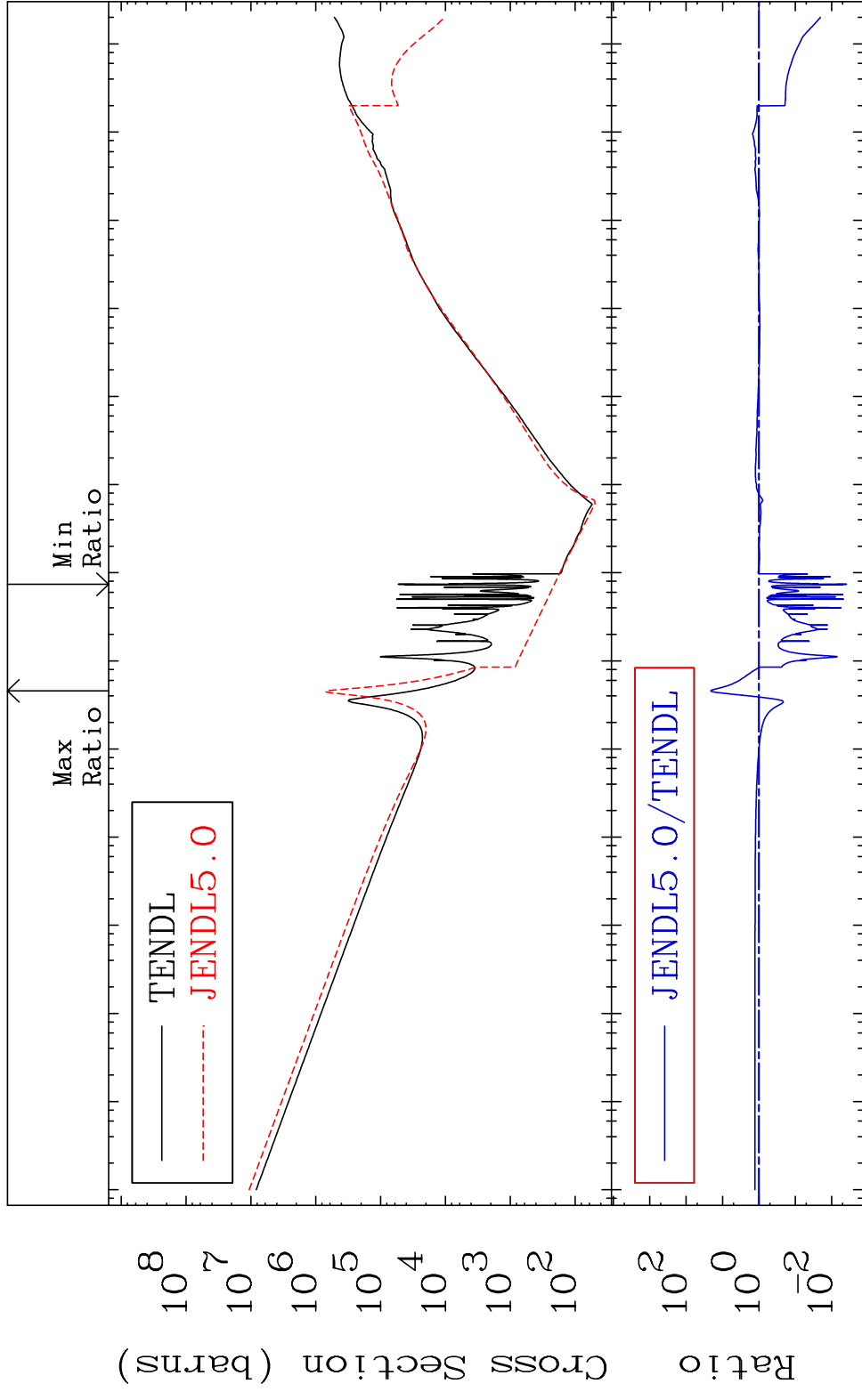


59 Incident Energy (eV) 45-Rh-105

MAT 4531 Total kinematic kerma (high limit) 45-Rh-105
 Cross Section -99.67 To 1814. %



MAT 4531 Dpa total (eV-barns) 45-Rh-105
 Cross Section -99.61 To 2012. %



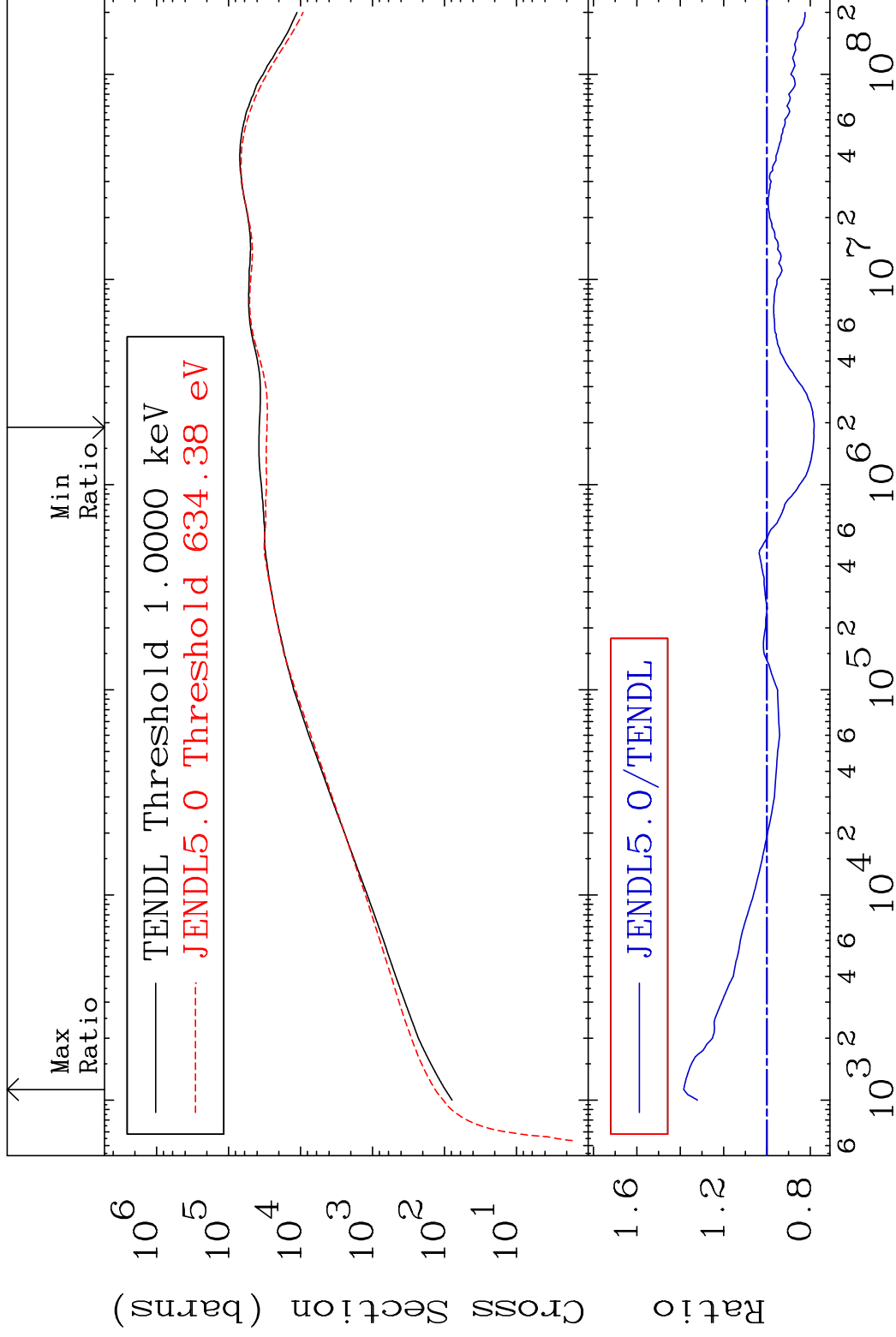
MAT 4531

Dpa elastic (mt2)

45-Rh-105

Cross Section

-21.74 To 38.42 %

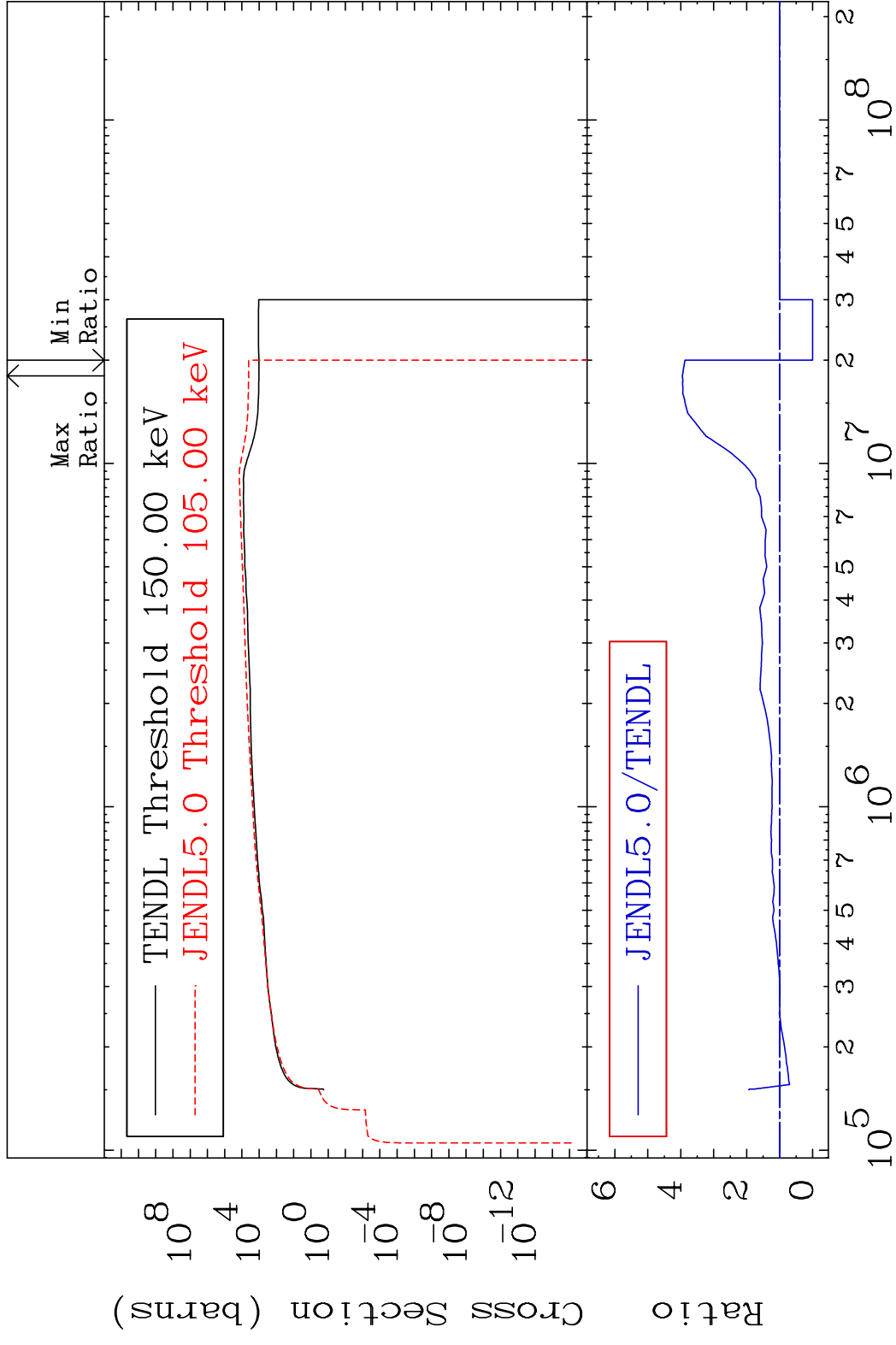


62

Incident Energy (eV)

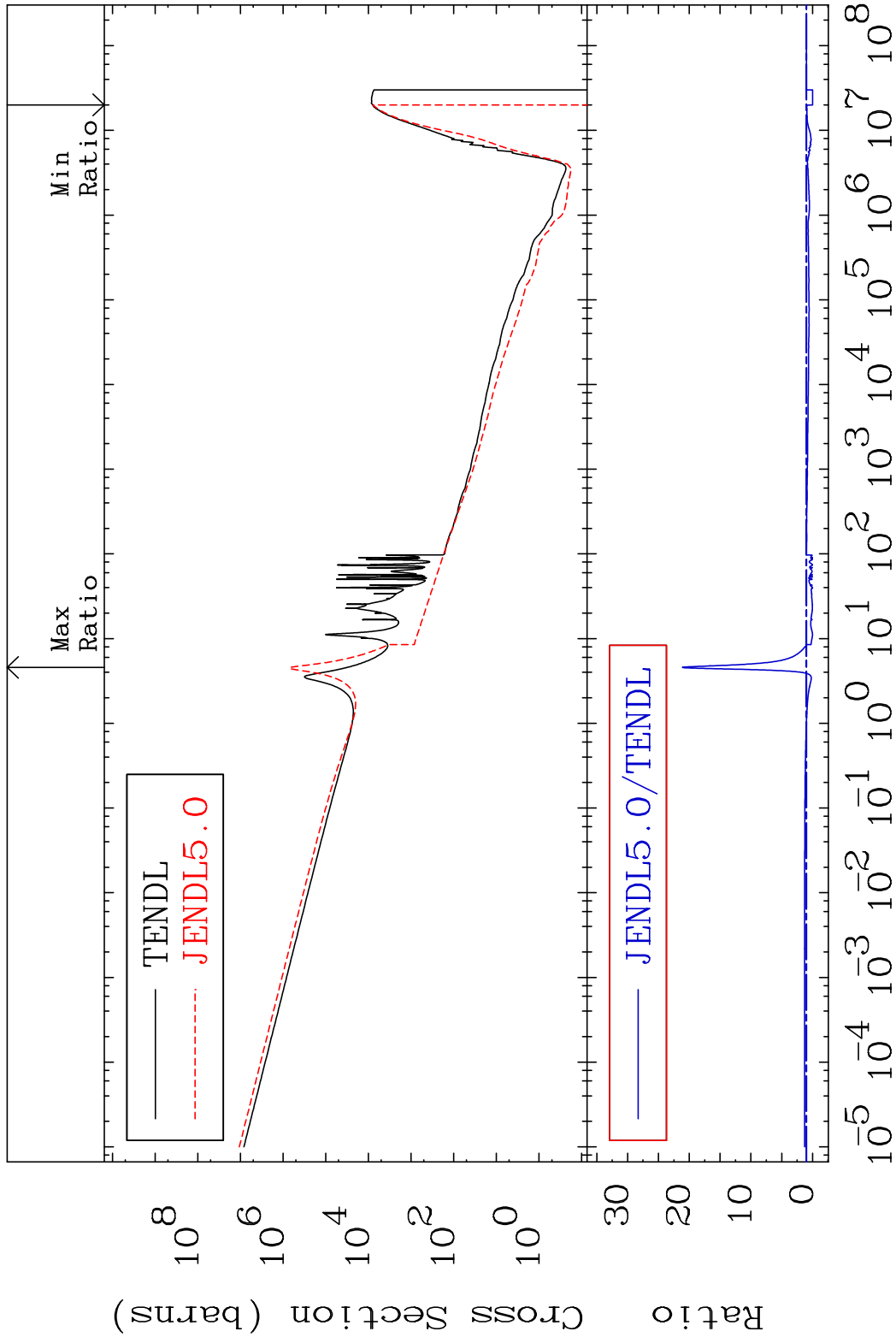
45-Rh-105

MAT 4531 Dpa inelastic (mt51-91) 45-Rh-105
 Cross Section -100.0 To 295.1 %

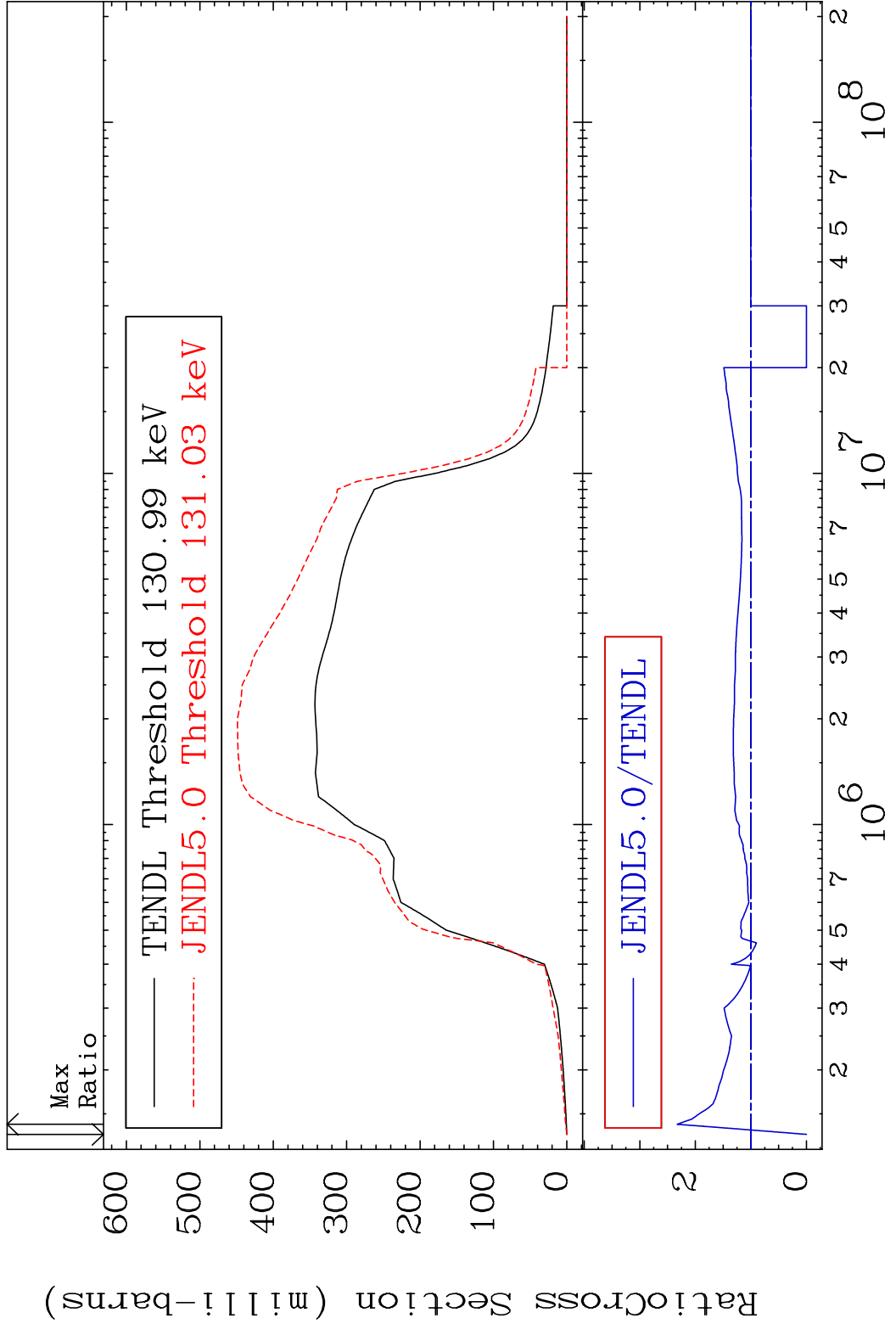


63 Incident Energy (eV) 45-Rh-105

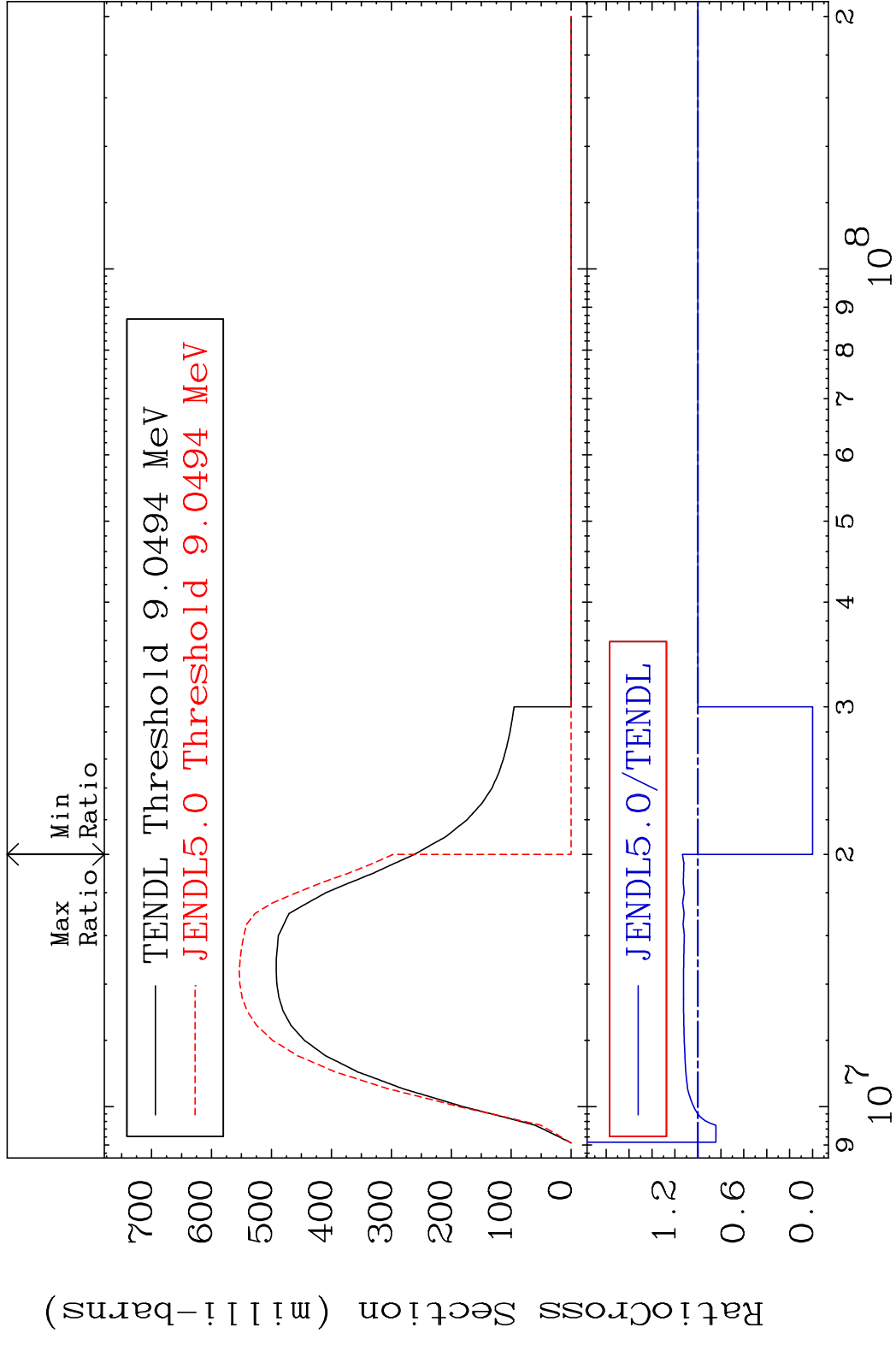
MAT 4531 Dpa disappearance (mt102 -120) 45-Rh-105
 Cross Section -100.0 To 2012. %



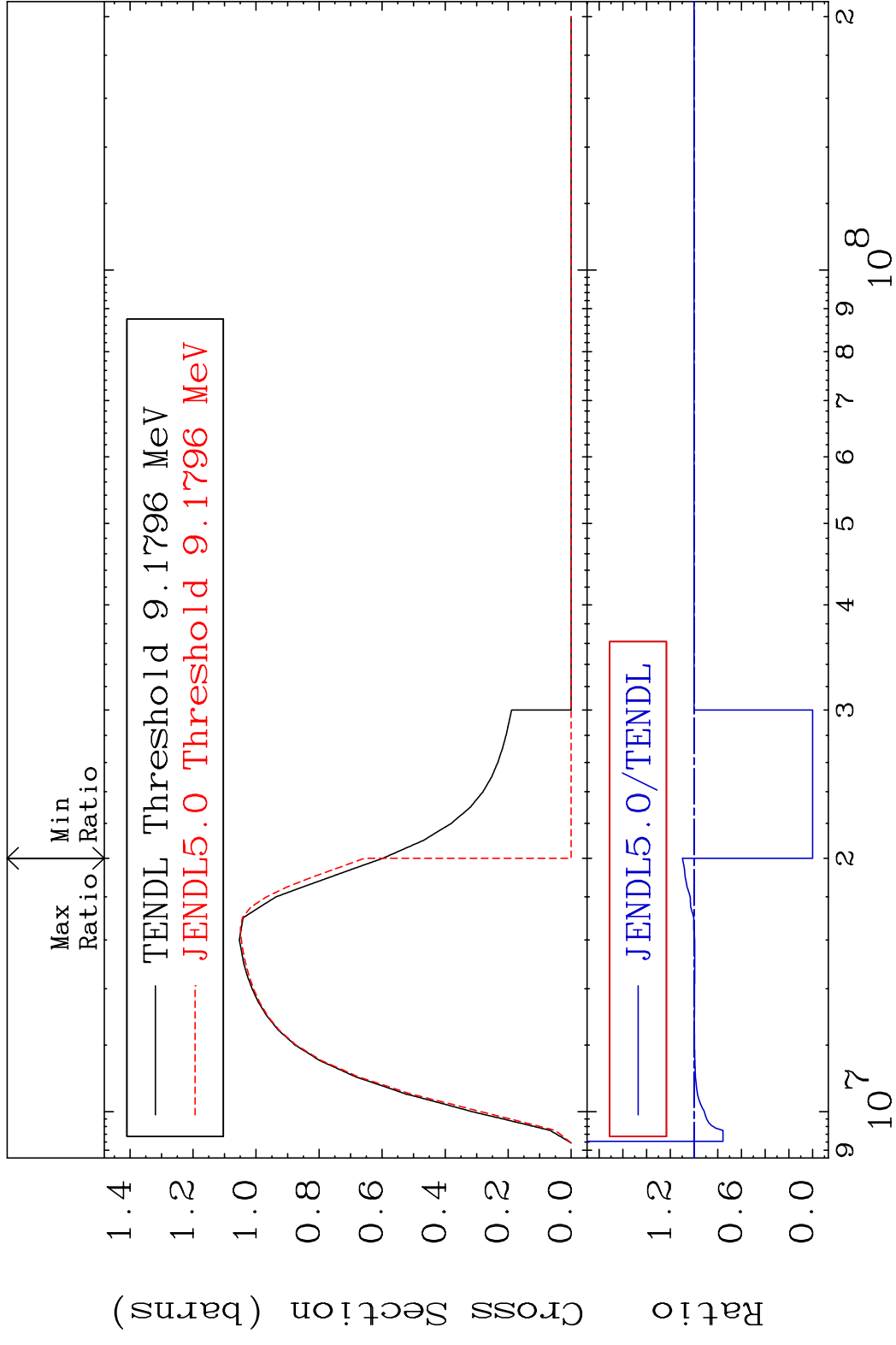
MAT 4531 Inelastic:45-Rh-105m1 45-Rh-105
 Radionuclide Production Cross Section Ratio 132.7 %



MAT 4531 (n,2n):45-Rh-104g 45-Rh-105
 Radionuclide Production Cross Section Ratio 13.56 %

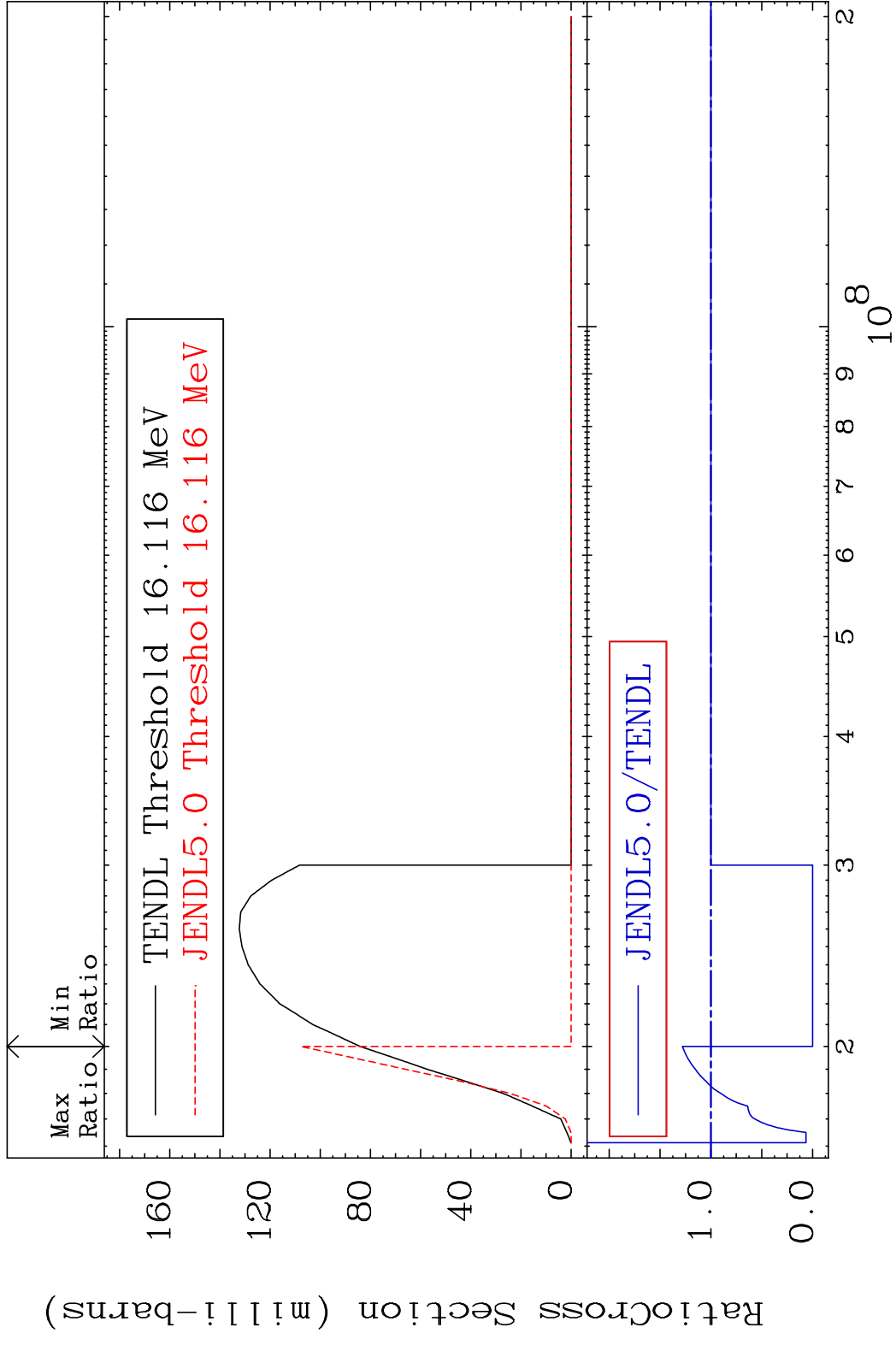


MAT 4531 (n, 2n) : 45-Rh-104m3 45-Rh-105
 Radionuclide Production Cross Section Ratio 9.855 %

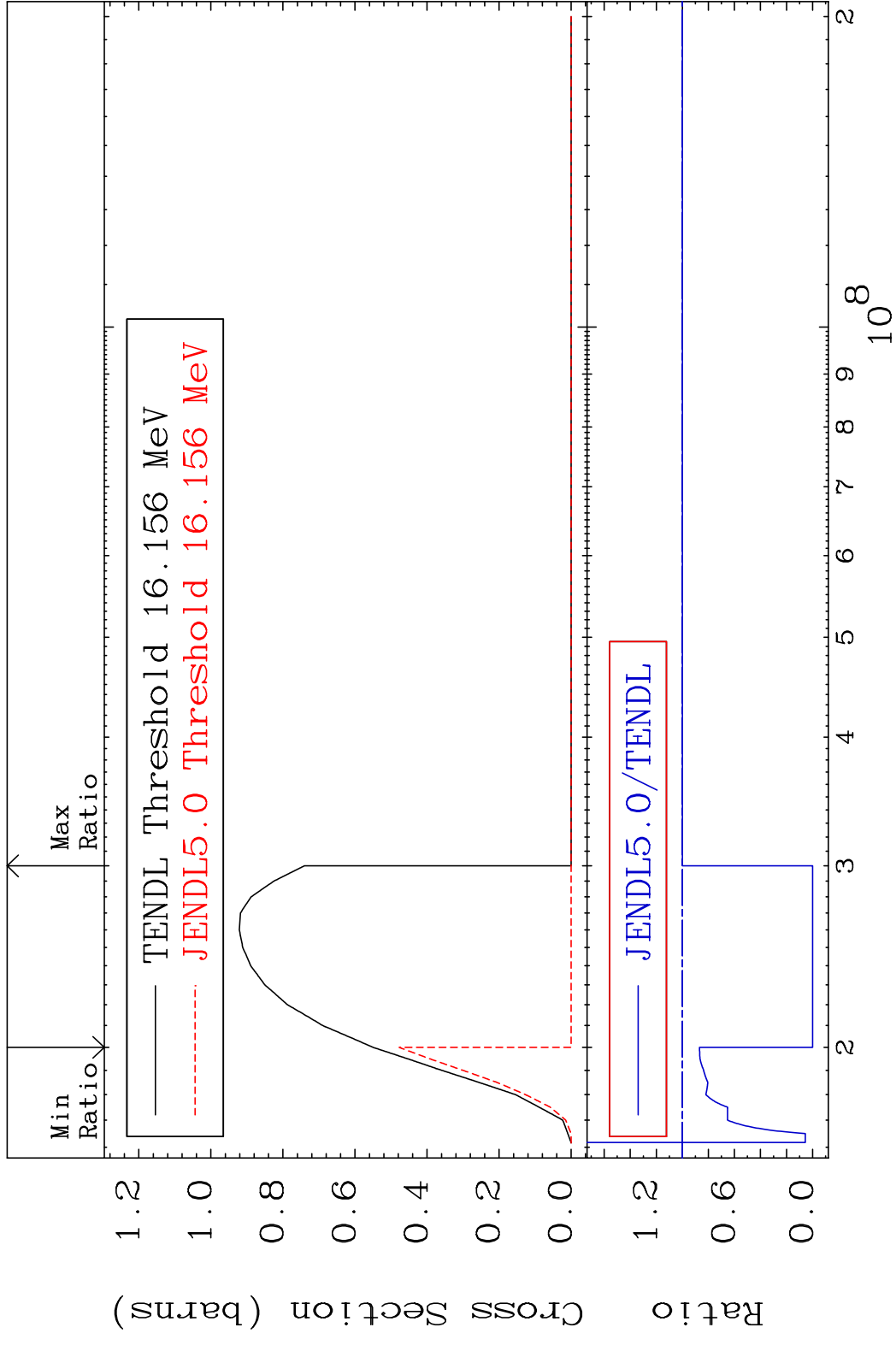


67 Incident Energy (eV) 45-Rh-105

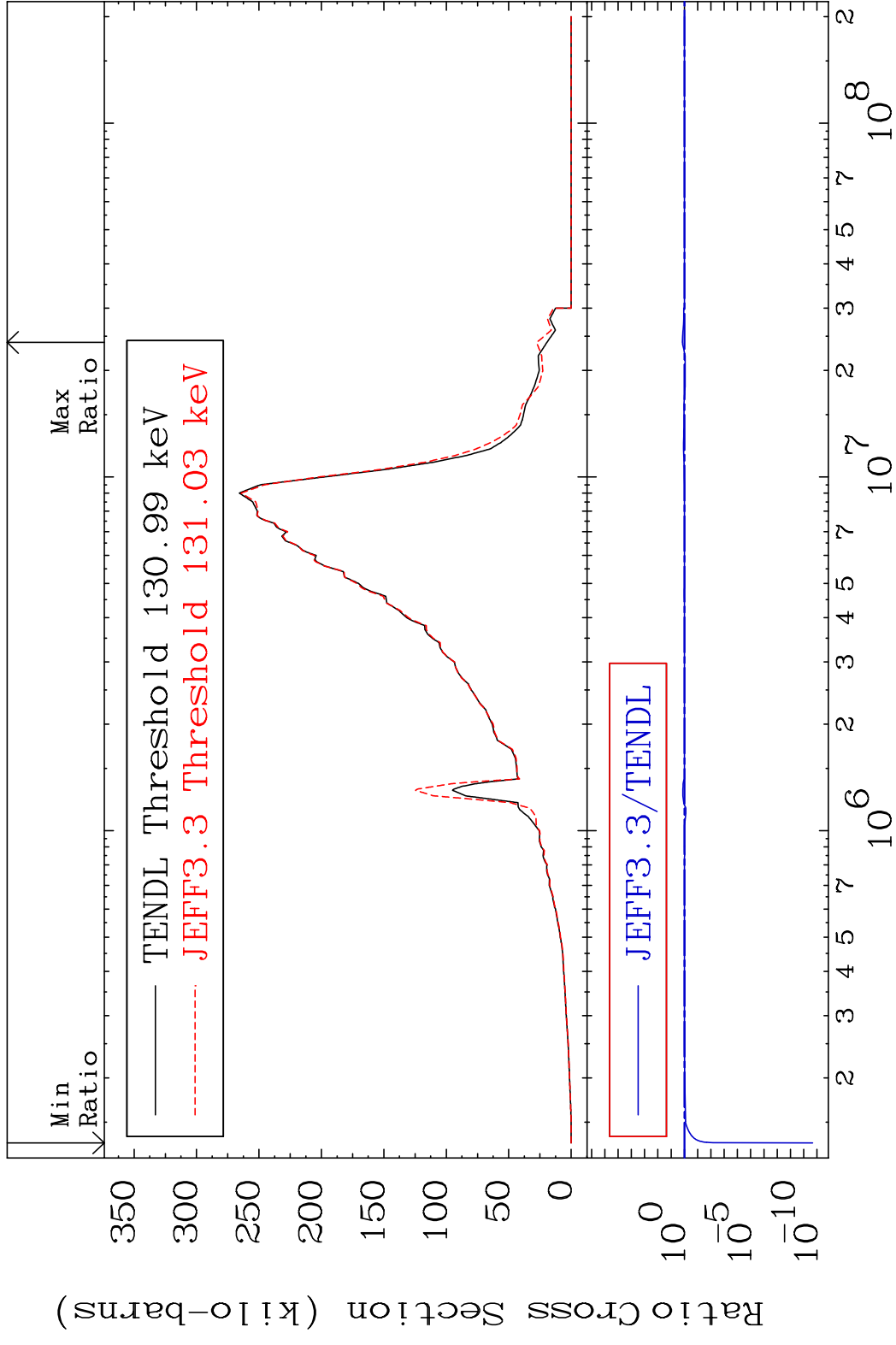
MAT 4531 (n,3n):45-Rh-103g 45-Rh-105
 Radionuclide Production Cross Section Ratio 28.07 %



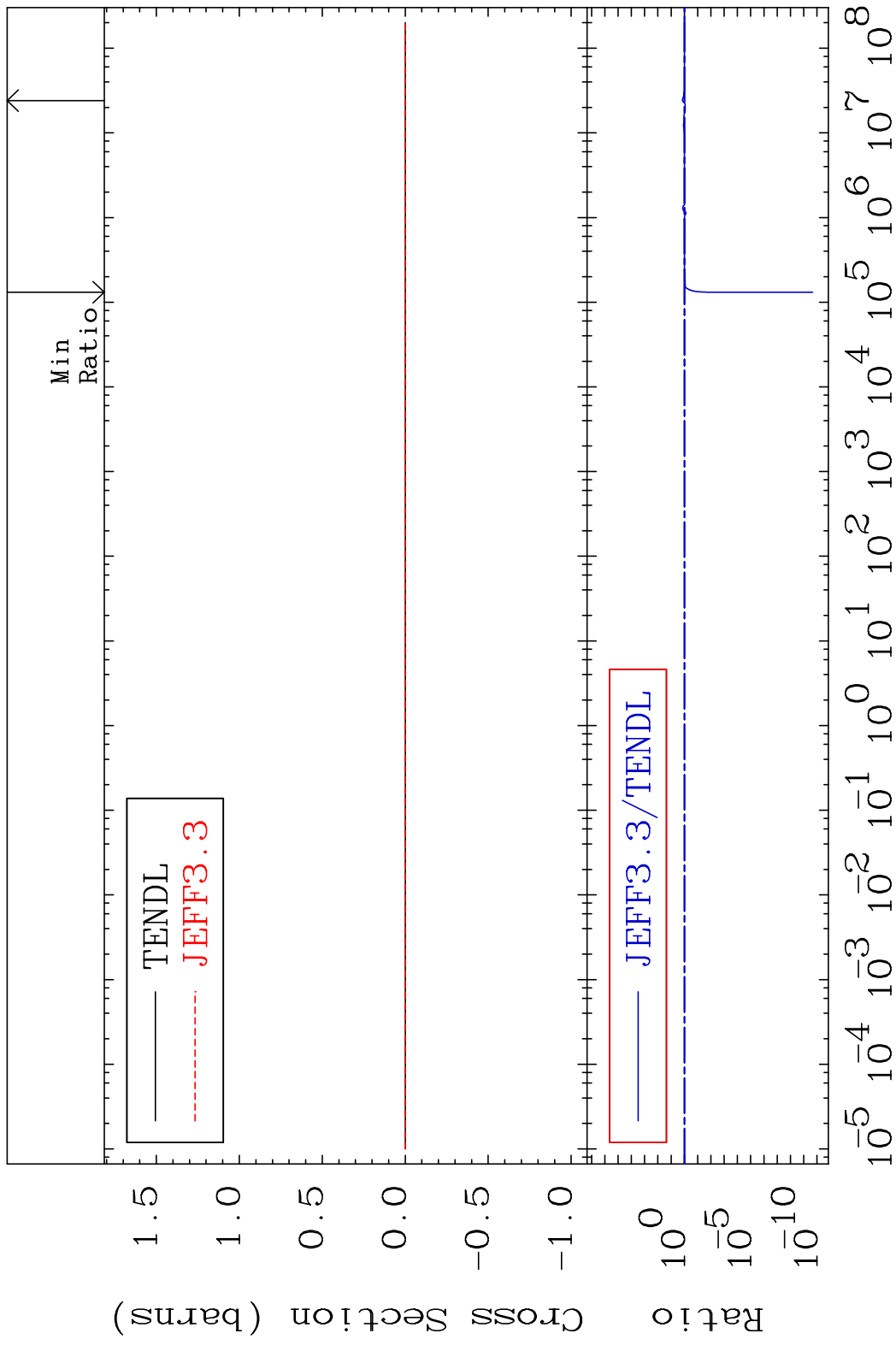
MAT 4531 (n, 3n) : 45-Rh-103m1 45-Rh-105
 Radionuclide Production Cross Section 180.01 dno 0.000 %



MAT 4531 Kerma inelastic (mt51-91) 45-Rh-105
 Cross Section -100.0 To 42.21 %

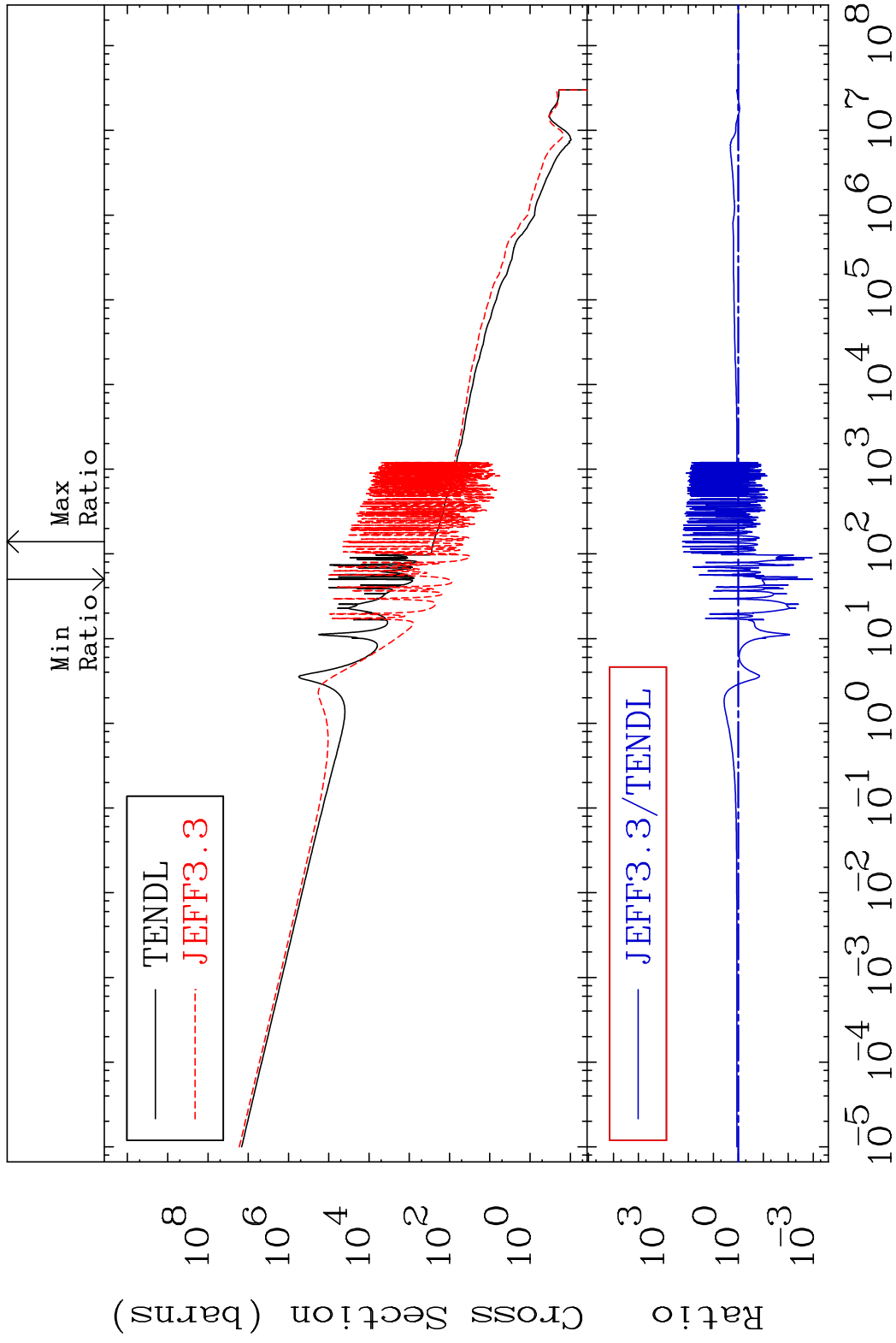


MAT 4531 Kerma fission (mt18 or mt19-20-21-38) 45-Rh-105
 Cross Section -100.0 To 42.21 %



MAT 4531

Kerma capture (mt102) 45-Rh-105
Cross Section -99.89 To 9999. %

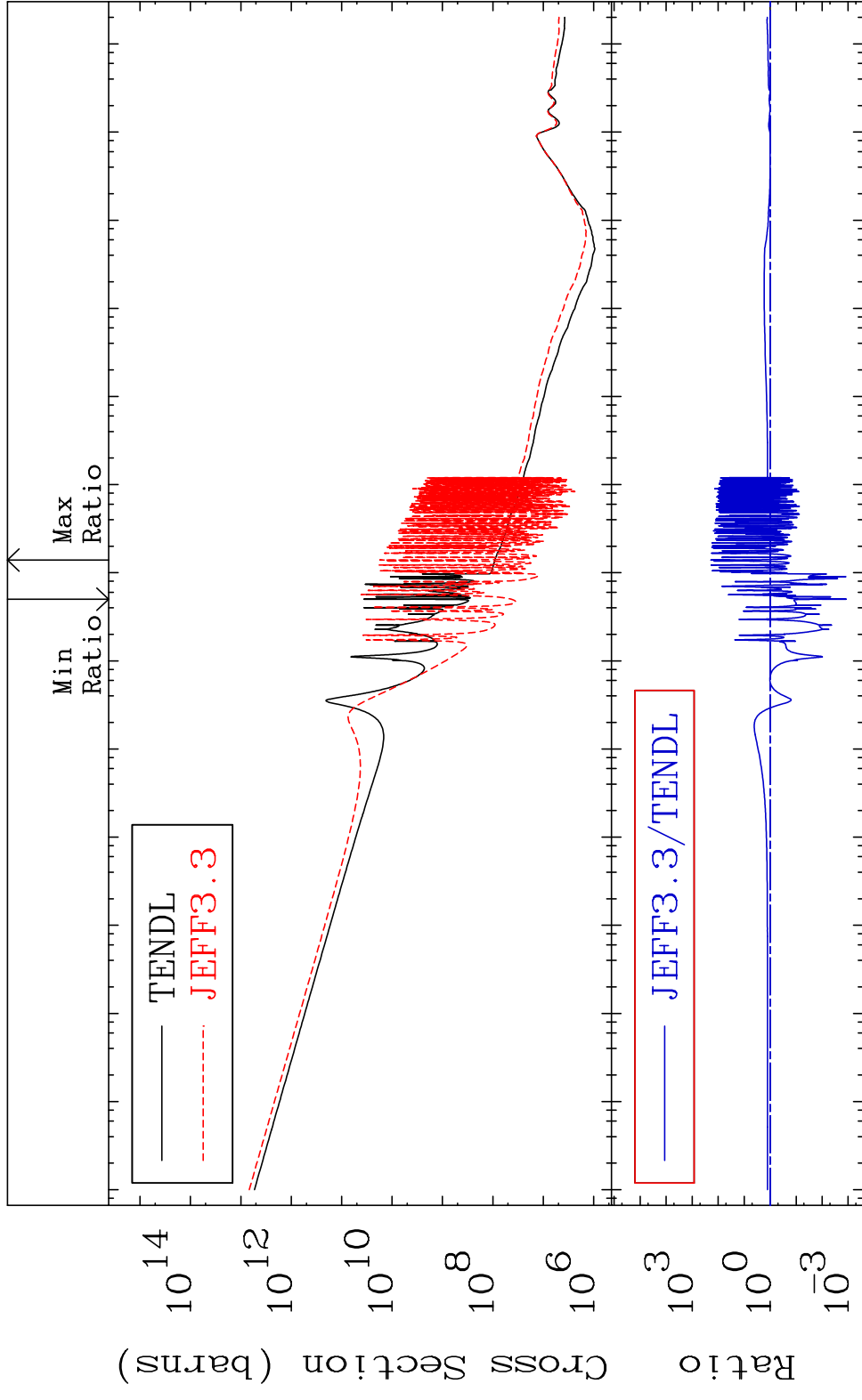


72

Incident Energy (eV)

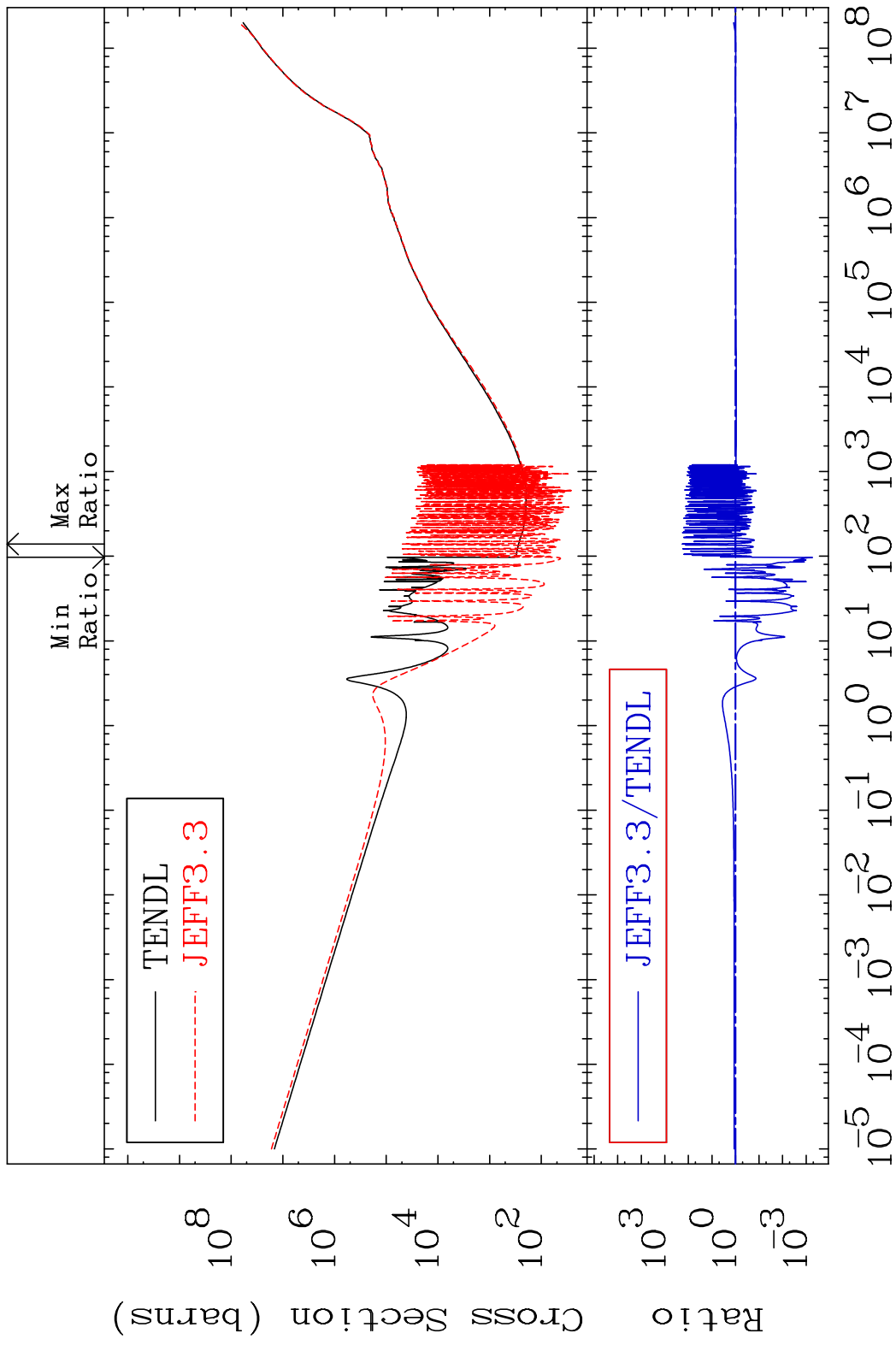
45-Rh-105

MAT 4531 Total photon (eV-barns) 45-Rh-105
 Cross Section -99.88 To 9999. %



Ratio
 Cross Section (barns)
 Incident Energy (eV) 45-Rh-105

MAT 4531 Total kinematic kerma (high limit) 45-Rh-105
 Cross Section -99.95 To 9999. %

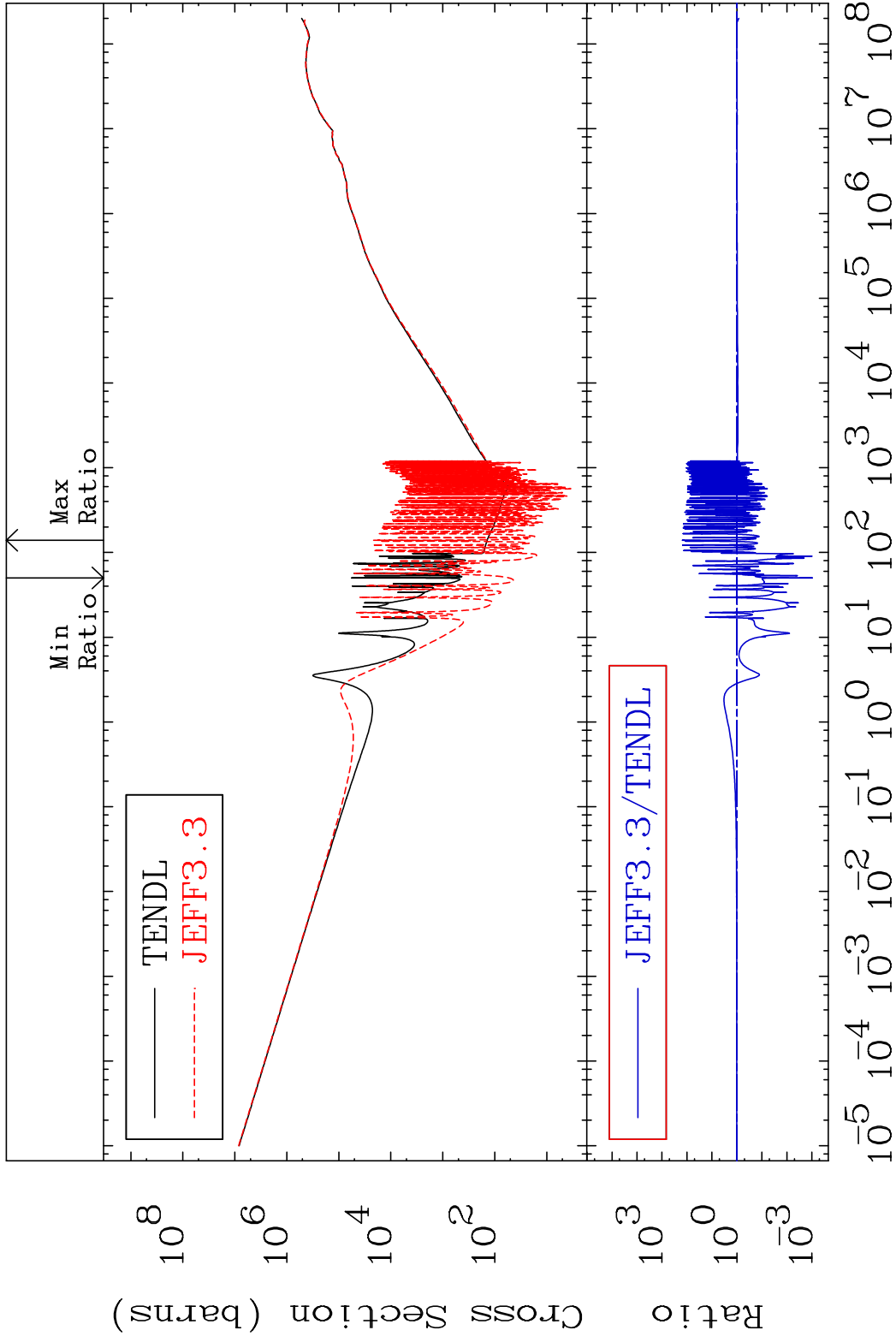


MAT 4531

Dpa total (eV-barns)

45-Rh-105

Cross Section -99.91 To 9999. %



75

Incident Energy (eV)

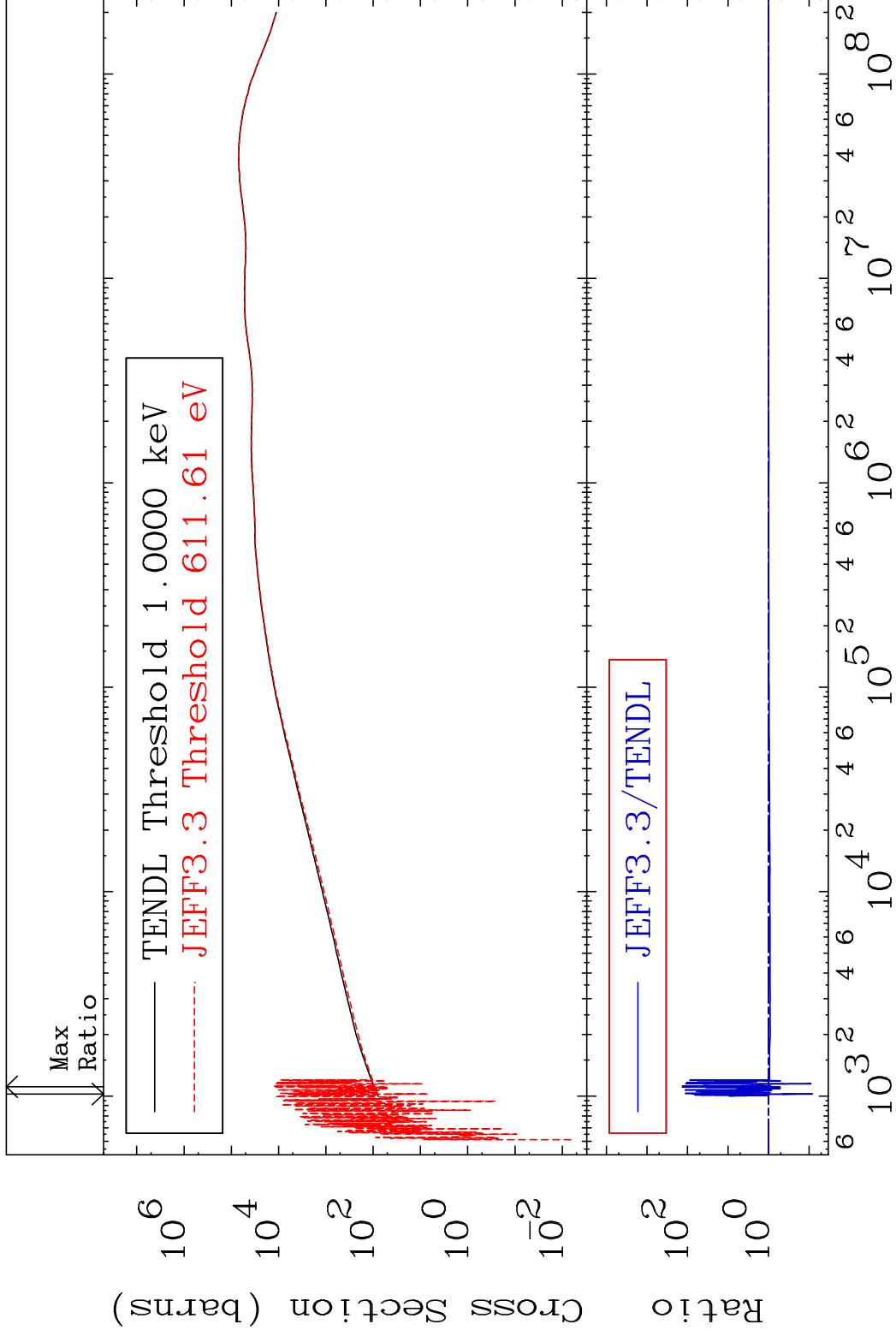
45-Rh-105

MAT 4531

Dpa elastic (mt2)

45-Rh-105

Cross Section -91.78 To 9999. %

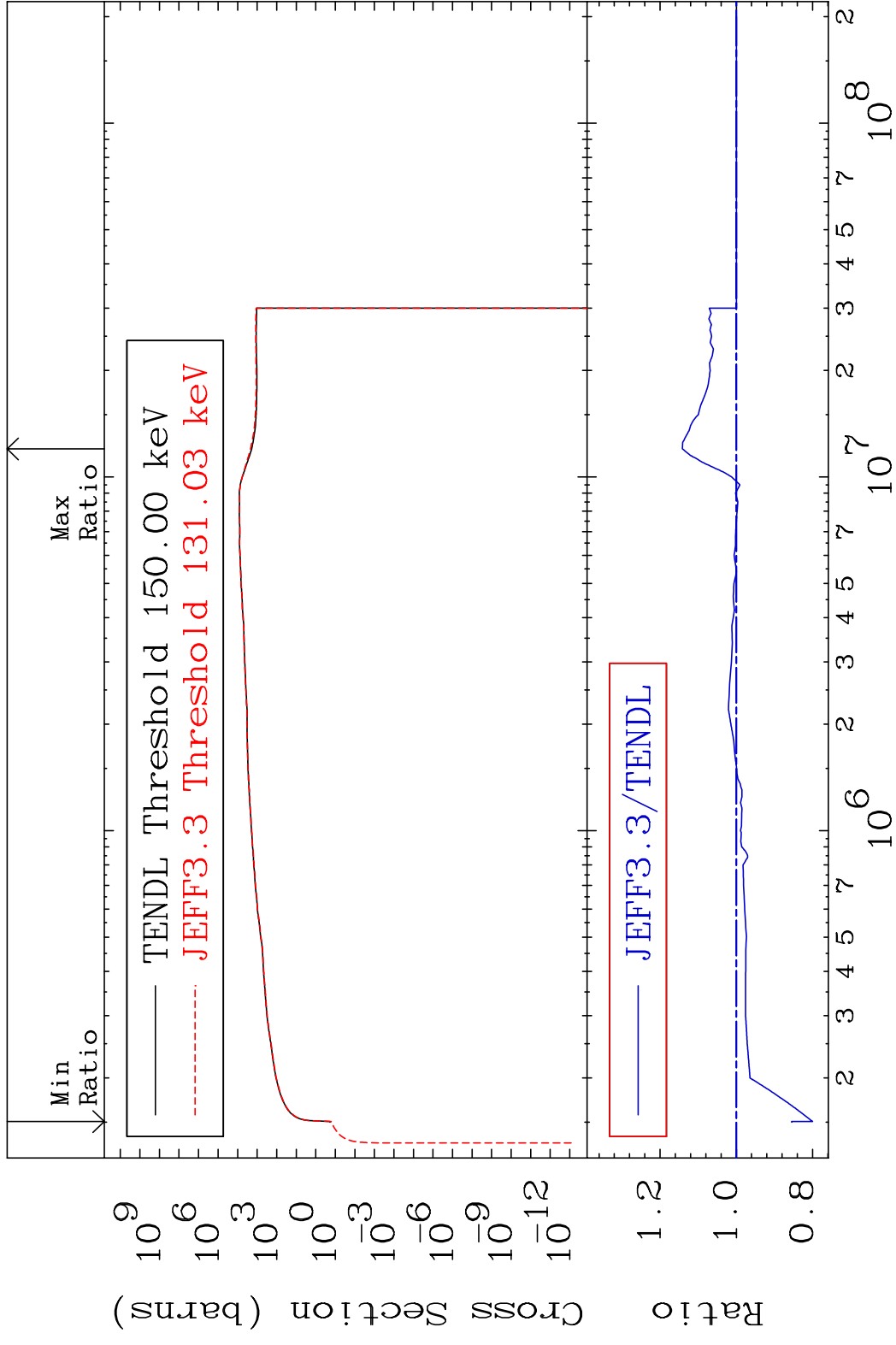


76

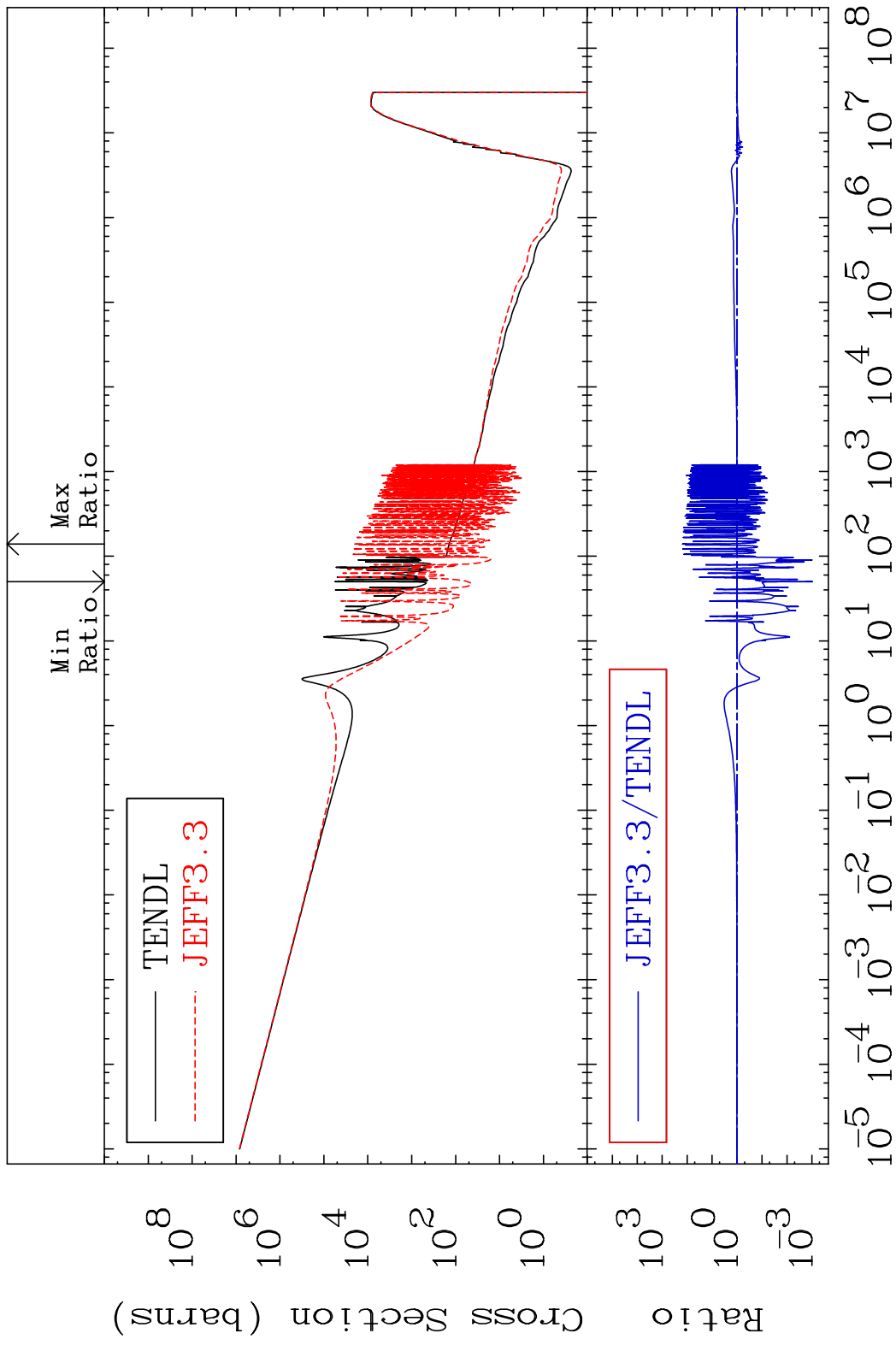
Incident Energy (eV)

45-Rh-105

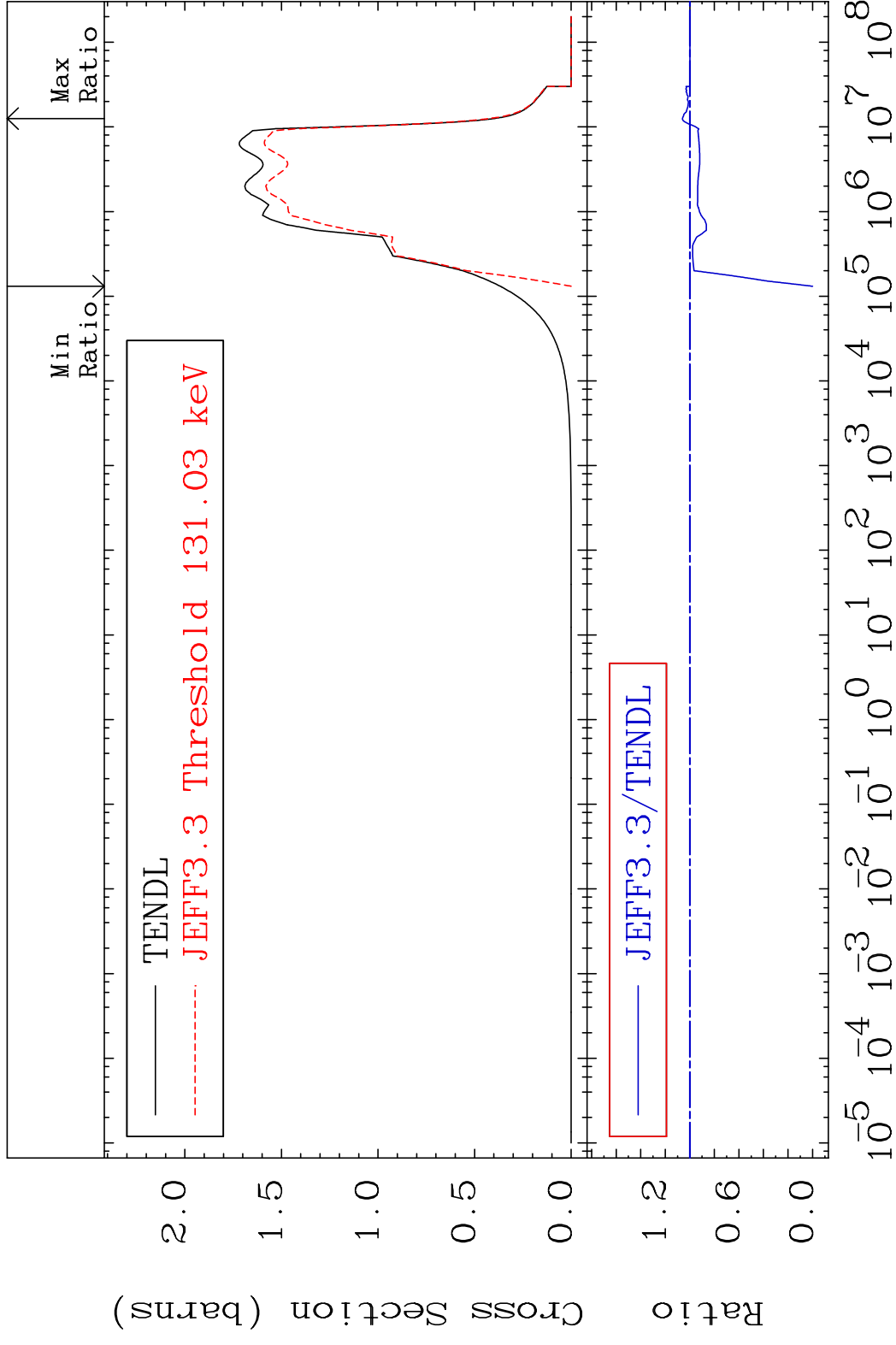
MAT 4531 Dpa inelastic (mt51-91) 45-Rh-105
 Cross Section -19.98 To 14.16 %



MAT 4531 Dpa disappearance (mt102 -120) 45-Rh-105
 Cross Section -99.91 To 9999. %

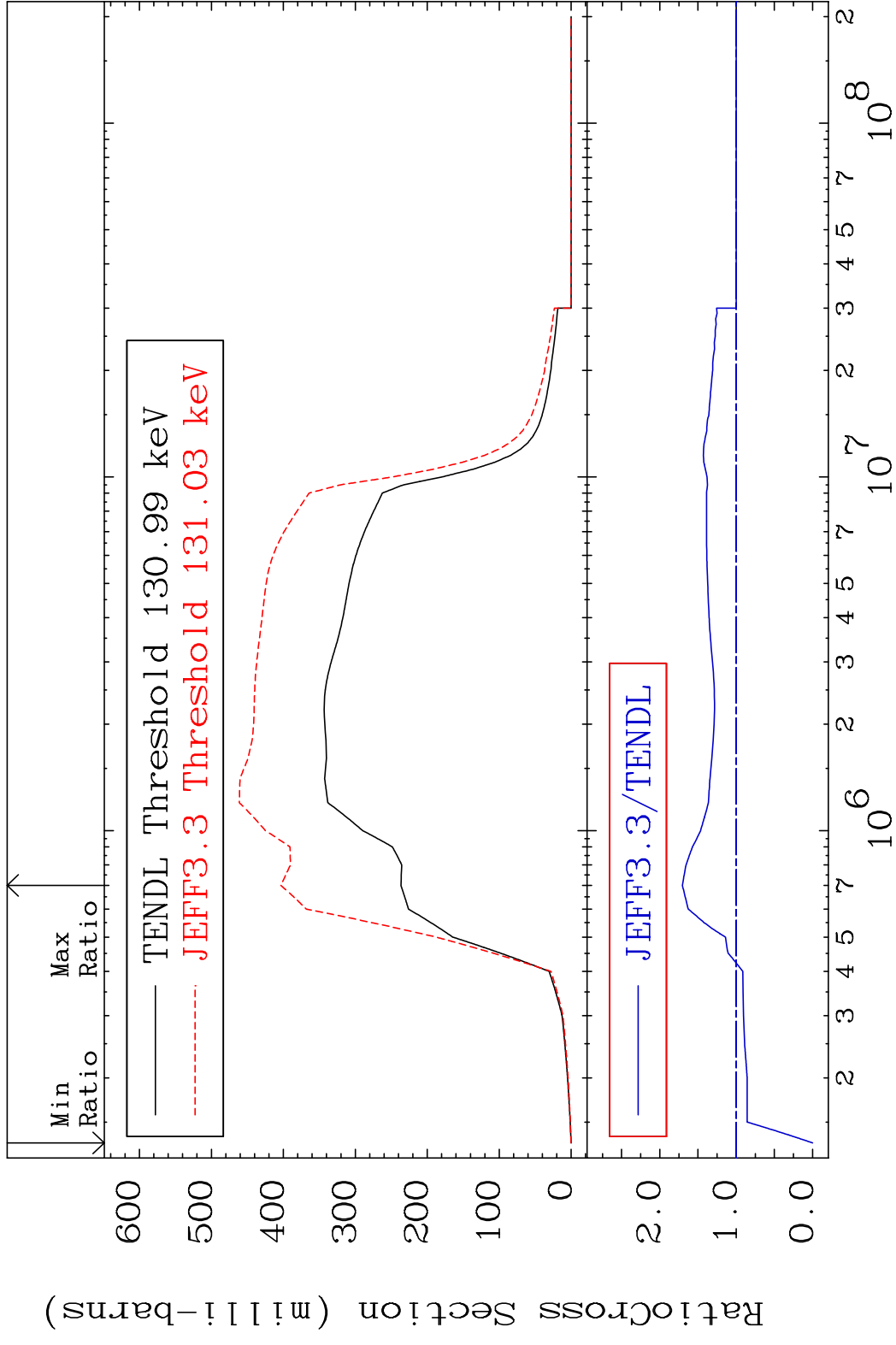


MAT 4531 Inelastic:45-Rh-105g 45-Rh-105
 Radionuclide Production Cross Section Ratio 6.076 %

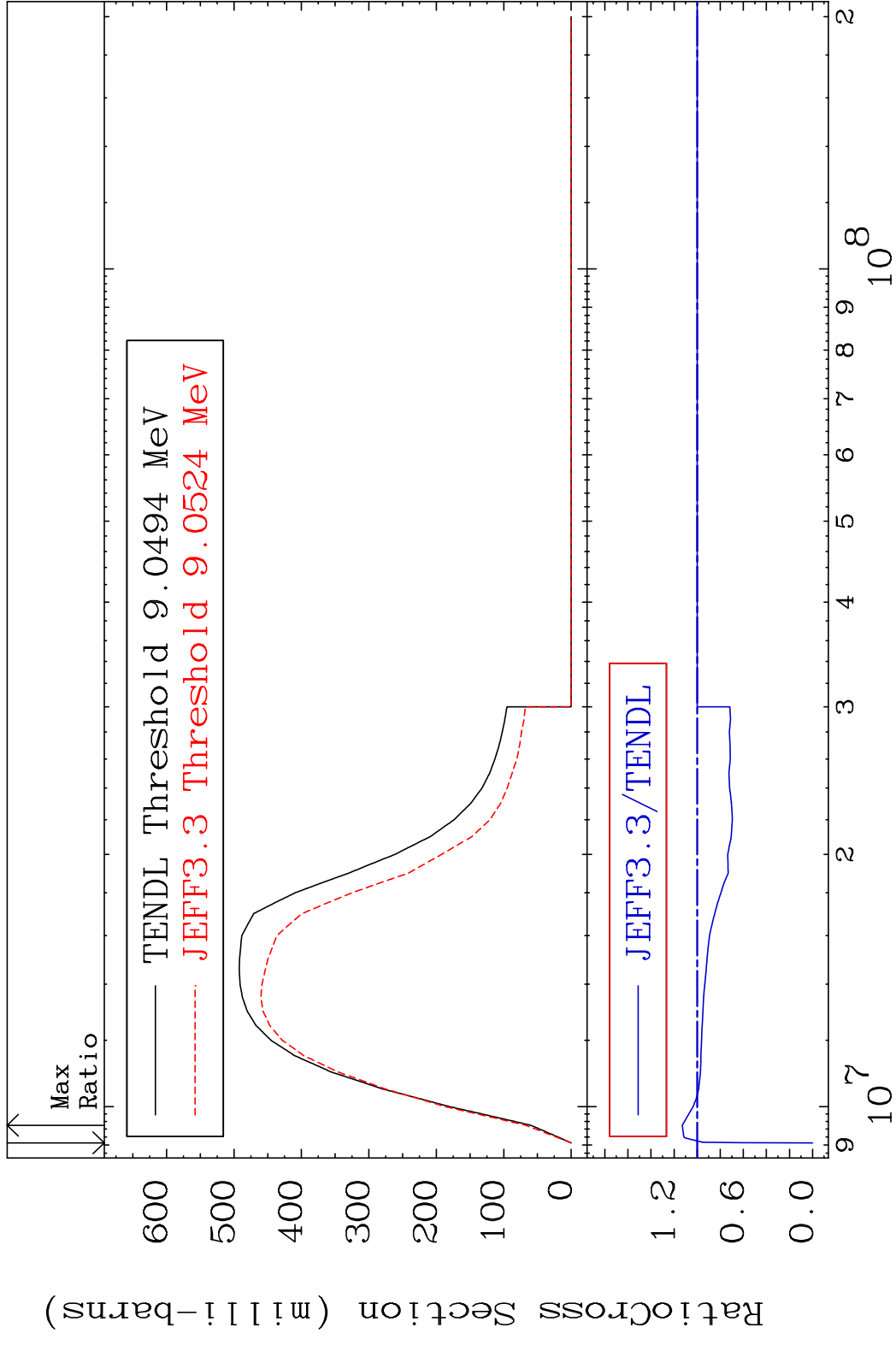


79 Incident Energy (eV) 45-Rh-105

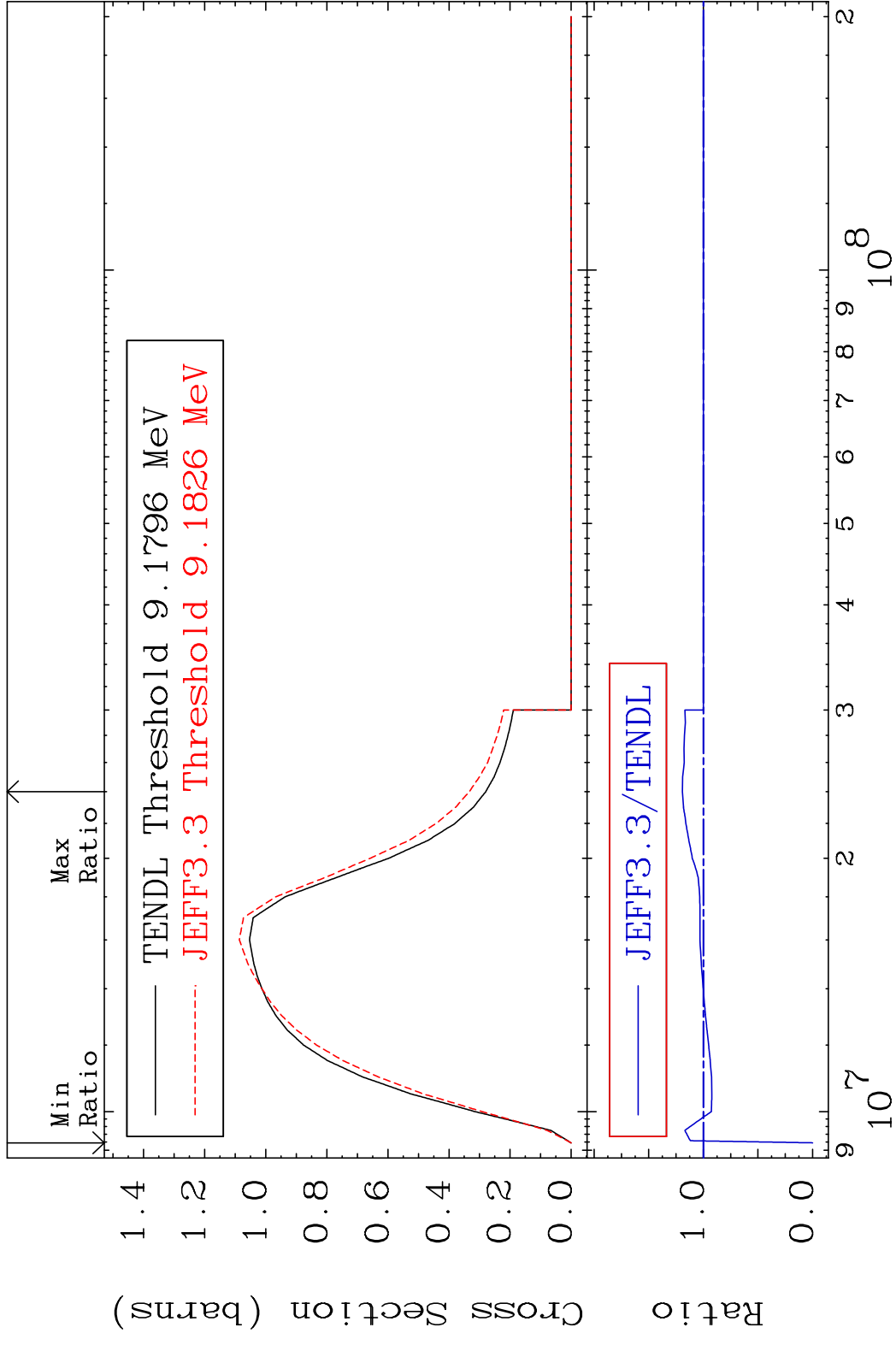
MAT 4531 Inelastic:45-Rh-105m1 45-Rh-105
 Radionuclide Production Cross Section 180.01 dno 70.46 %



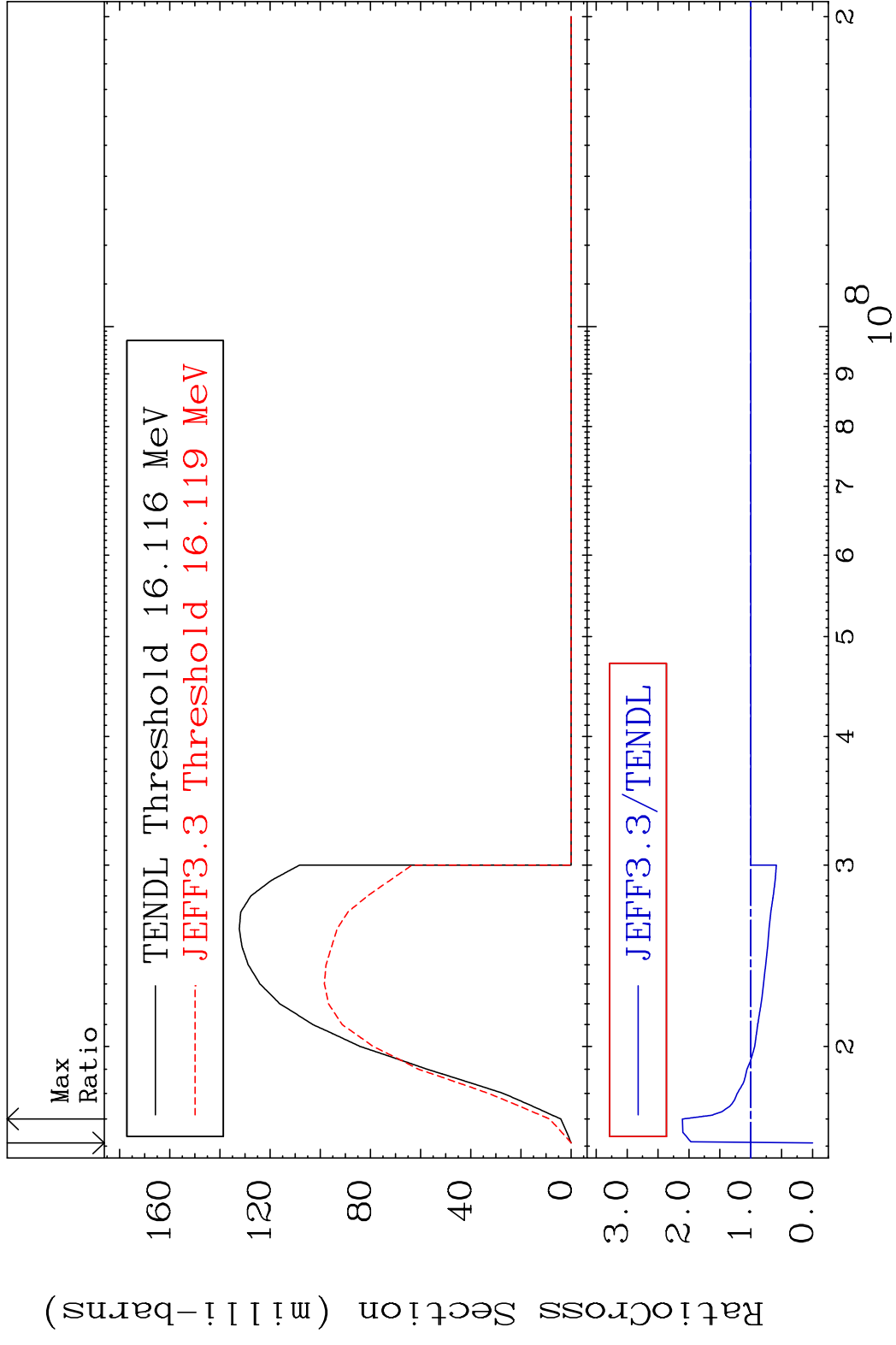
MAT 4531 (n,2n):45-Rh-104g 45-Rh-105
 Radionuclide Production Cross Section 180.01 dpo 12.82 %



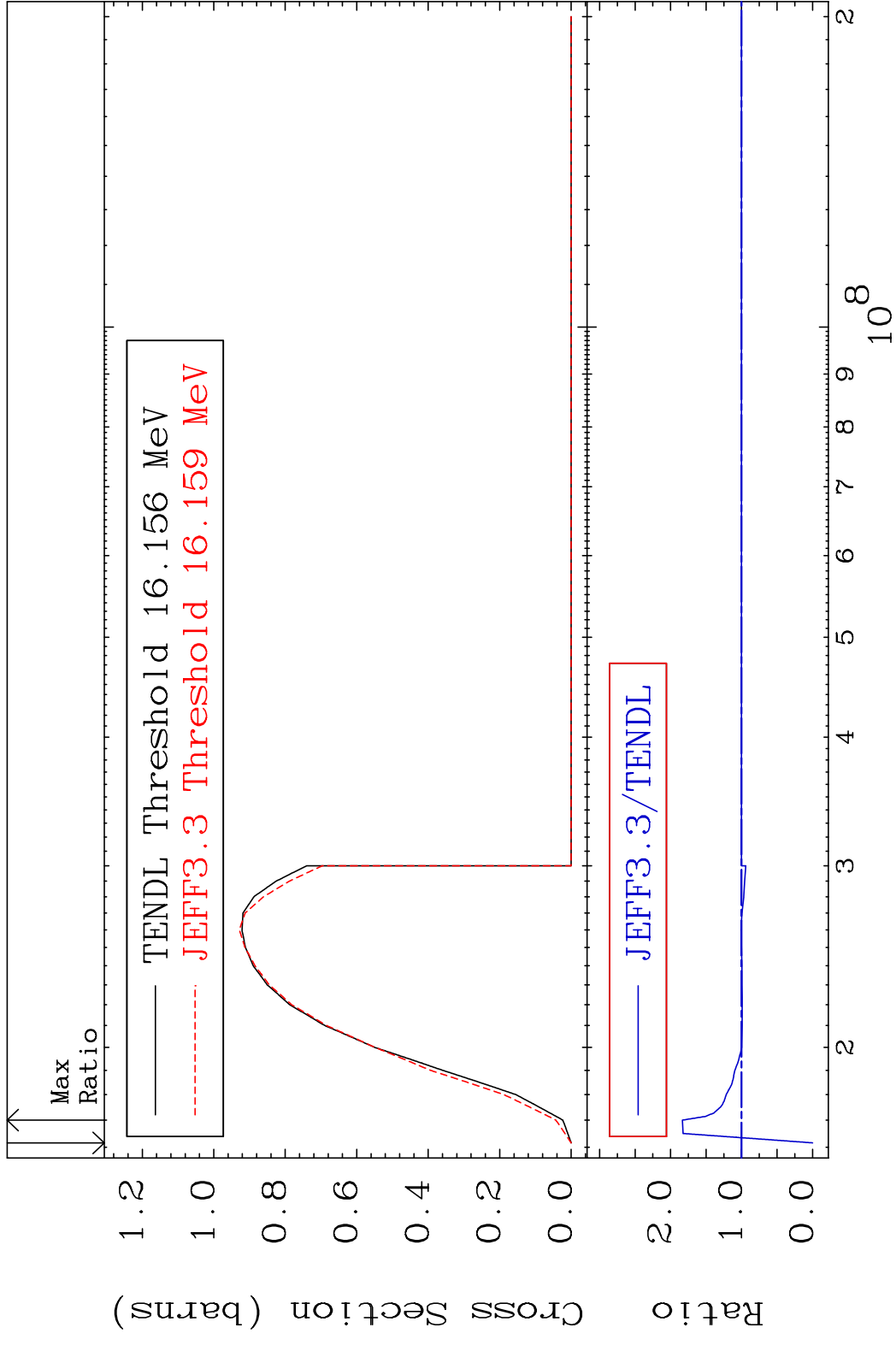
MAT 4531 (n, 2n) : 45-Rh-104m3 45-Rh-105
 Radionuclide Production Cross Section 180.01 dth 19.22 %



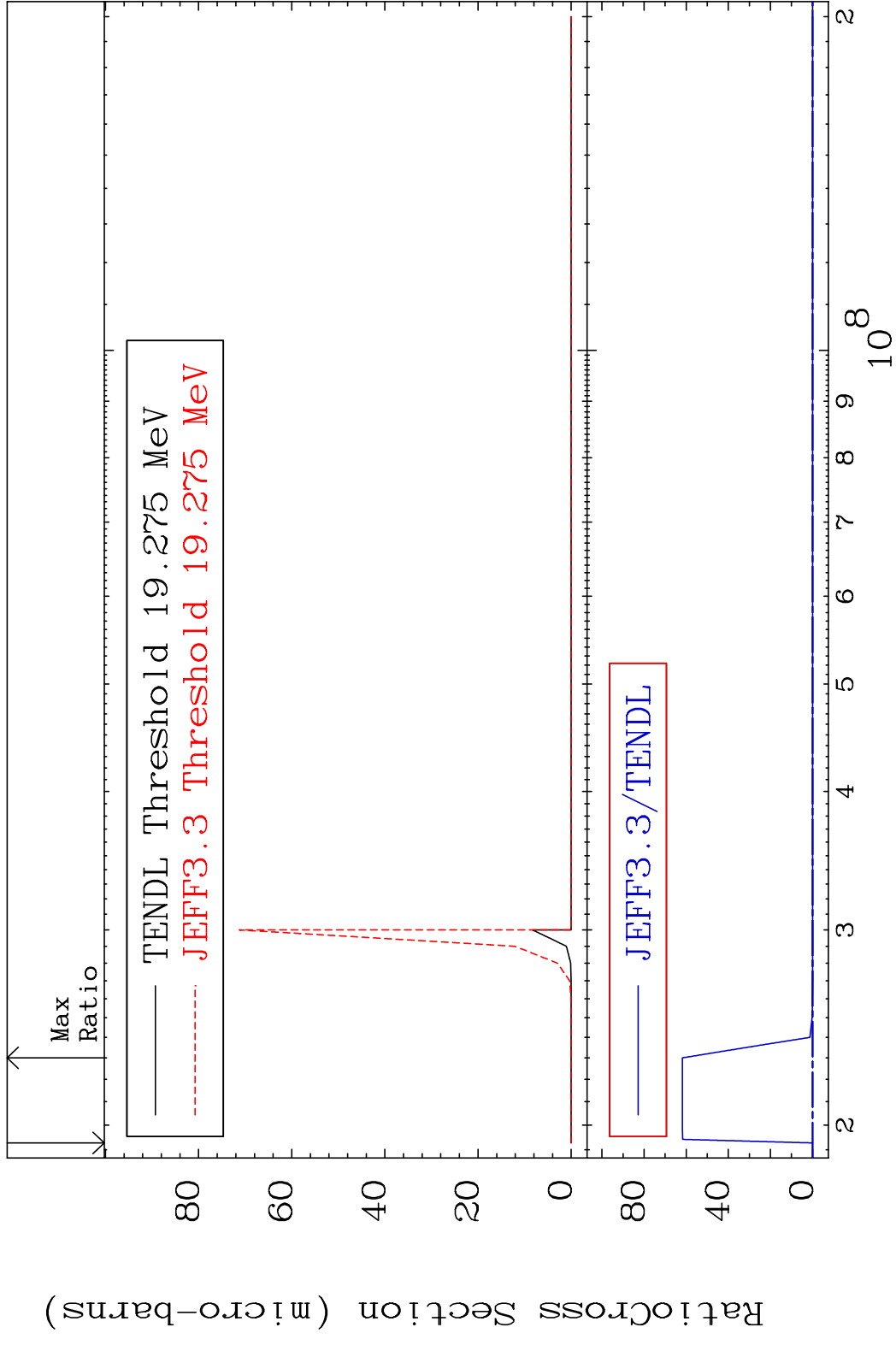
MAT 4531 (n,3n):45-Rh-103g 45-Rh-105
 Radionuclide Production Cross Section 180.0 mb 110.6 %

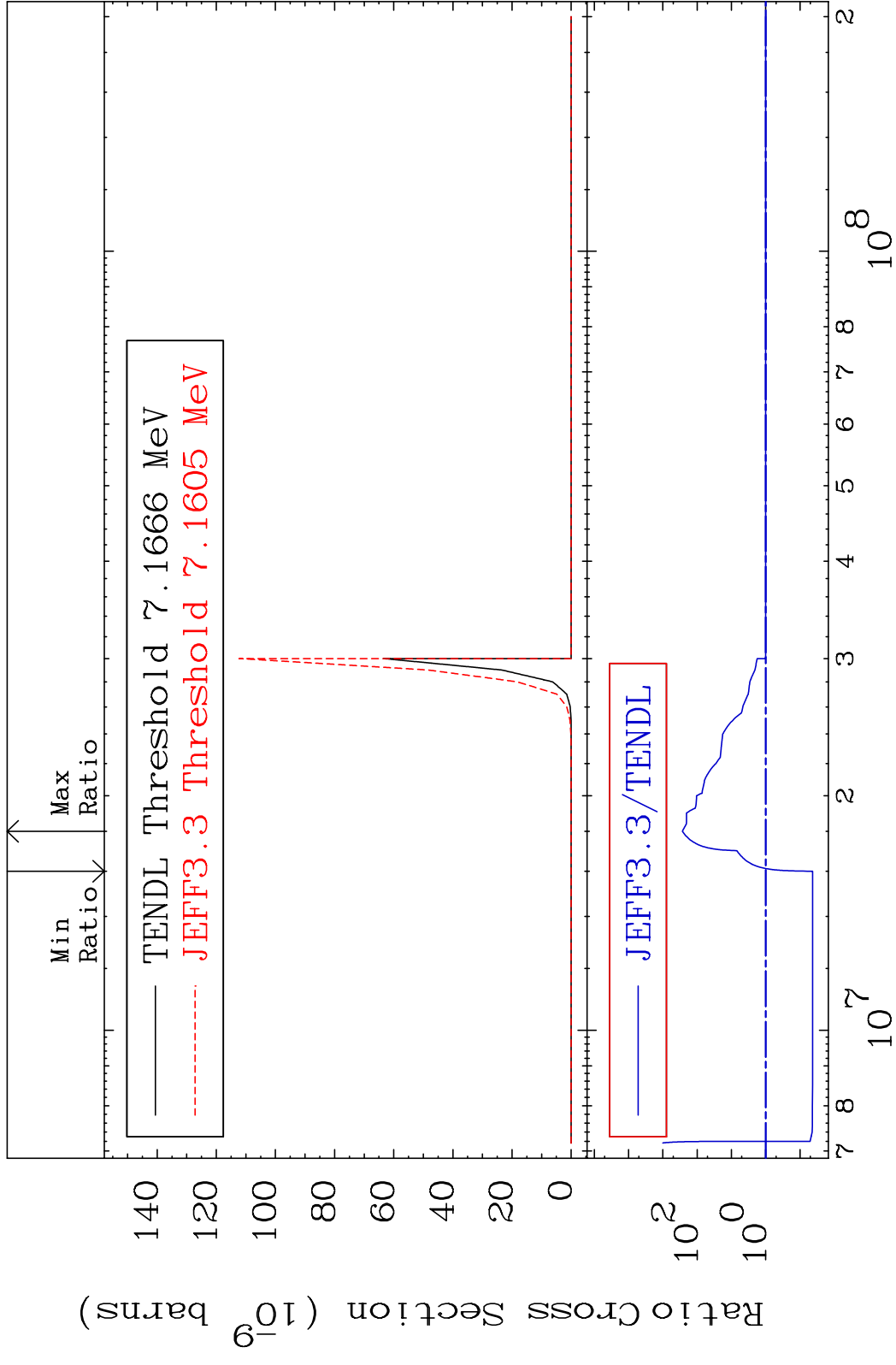


MAT 4531 (n, 3n) : 45-Rh-103m1 45-Rh-105
 Radionuclide Production Cross Section Ratio 83.40 %

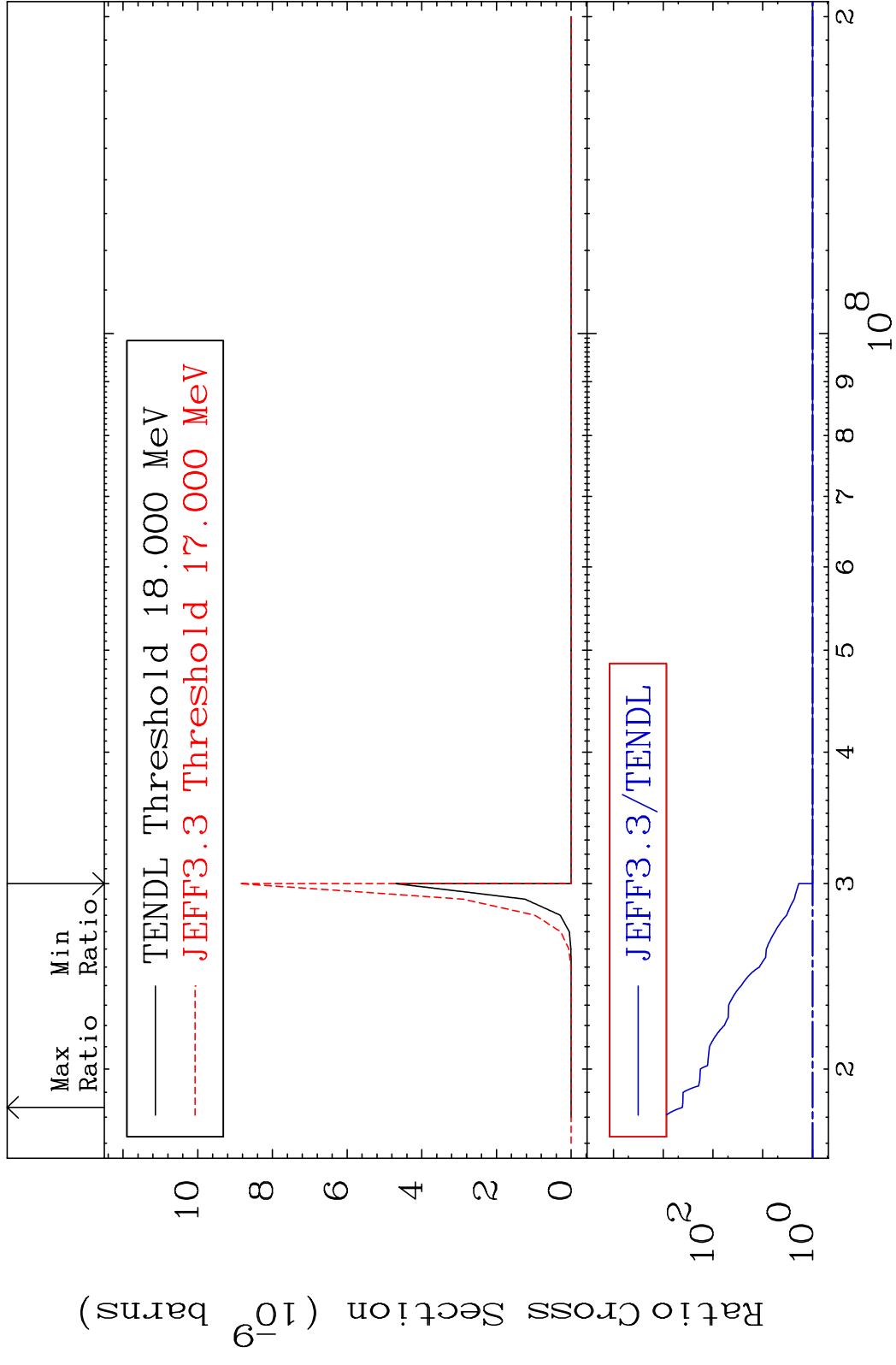


MAT 4531 (n, 3n) α : 43-Tc-99g 45-Rh-105
 Radionuclide Production Cross Section (%)

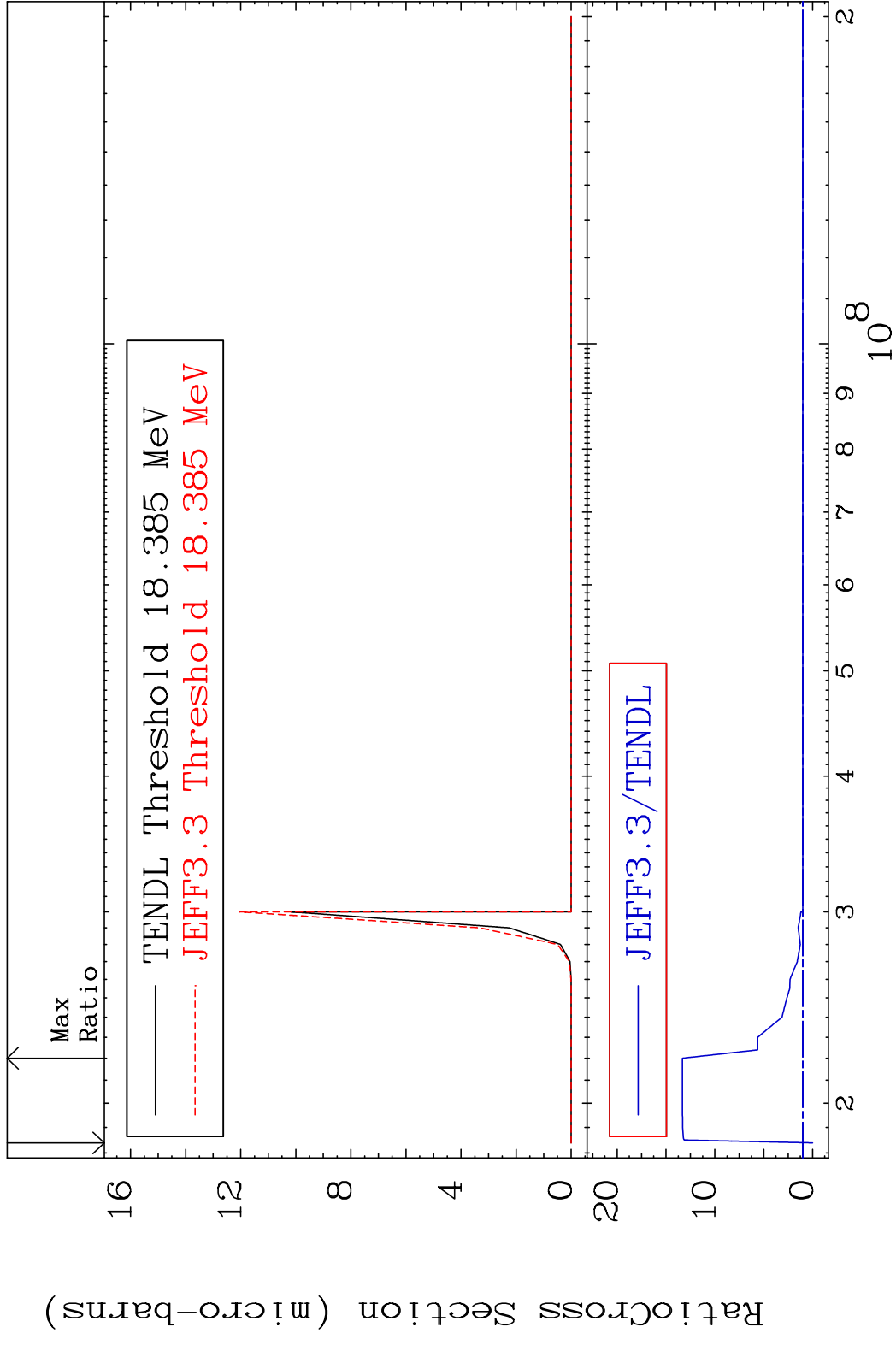




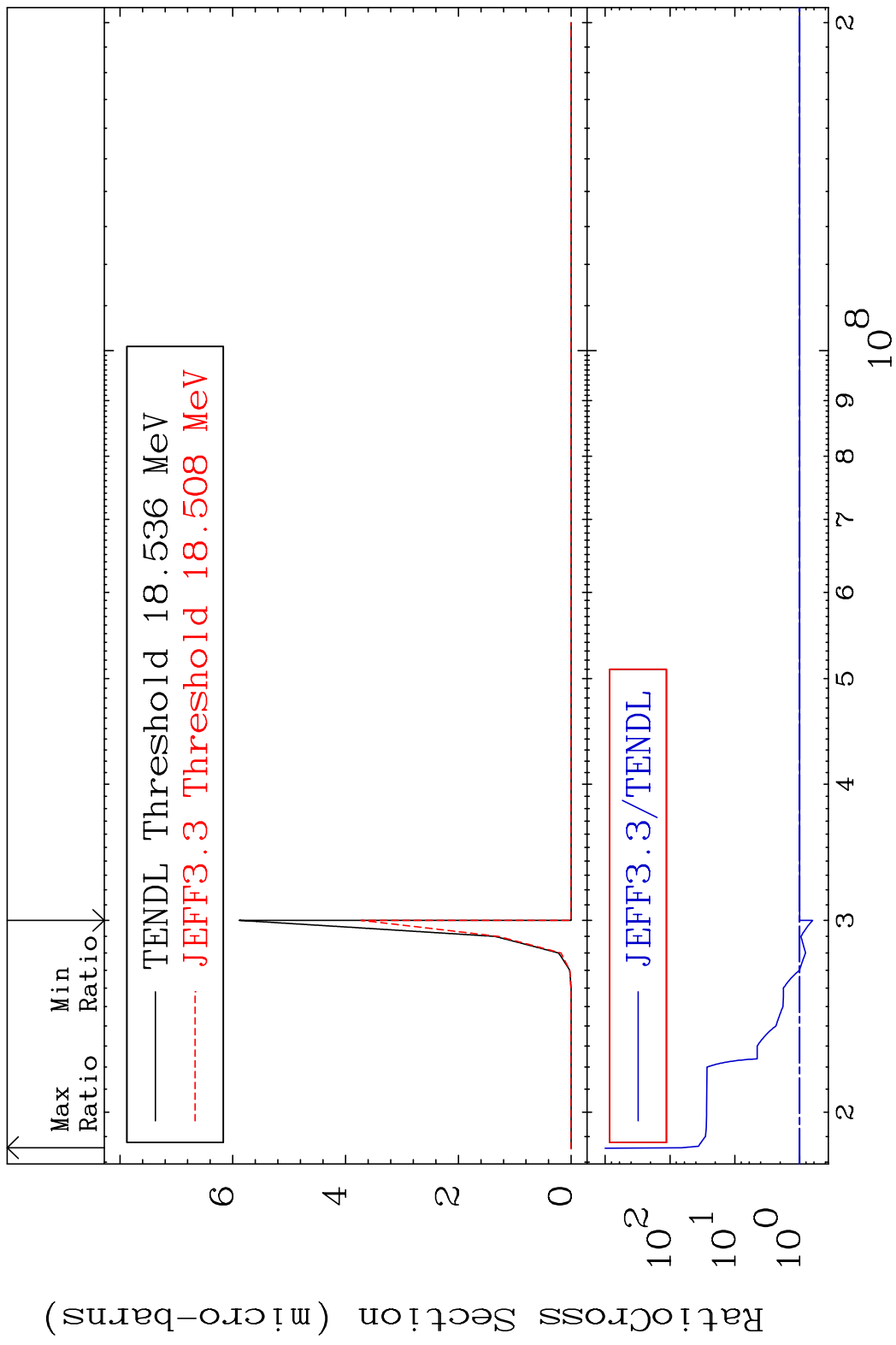
MAT 4531 (n, n') 2α:41-Nb-97m1 45-Rh-105
 Radionuclide Production Cross Section, %



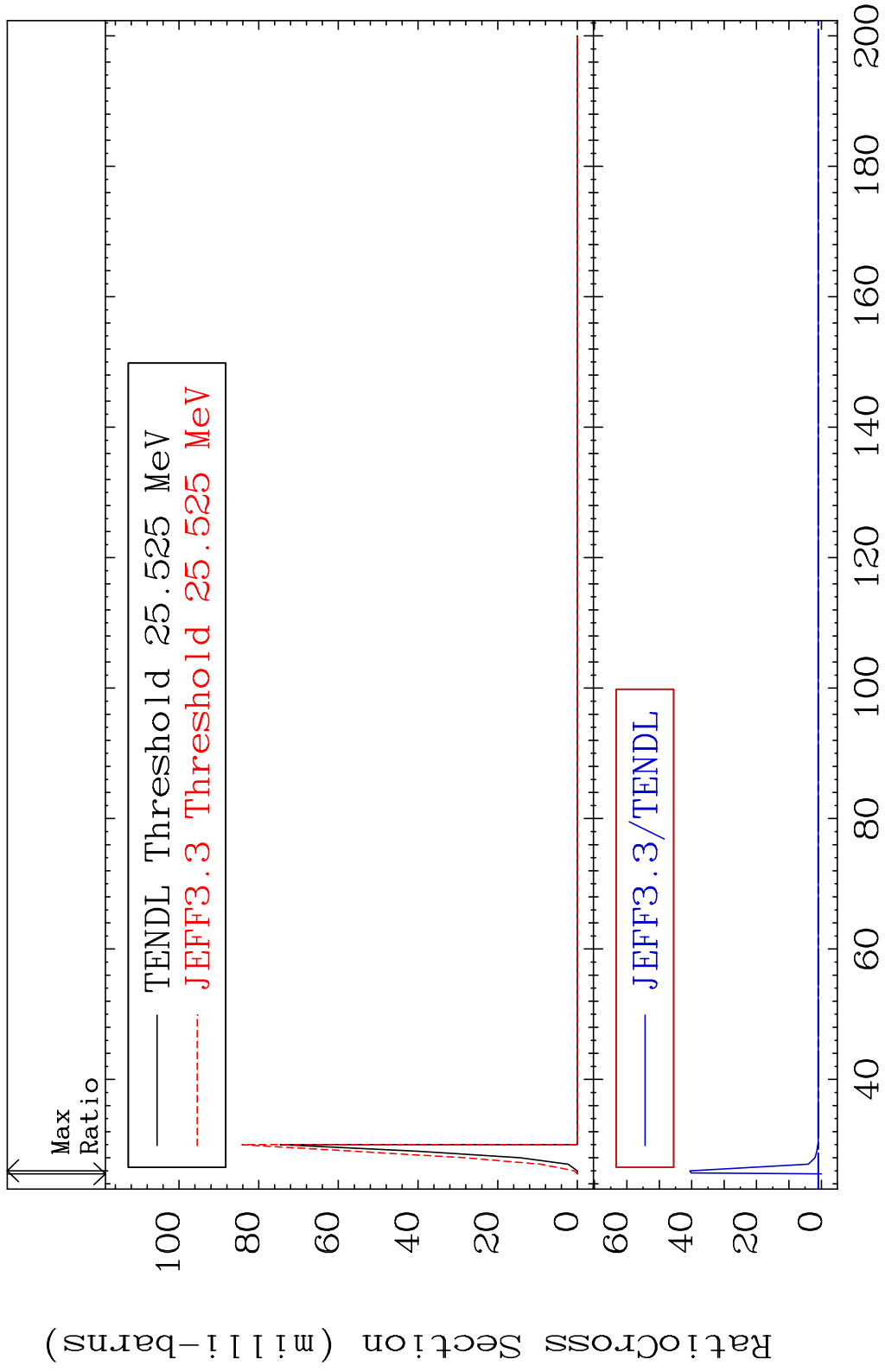
MAT 4531 (n, n') He-3:43-Tc-102g 45-Rh-105
 Radionuclide Production Cross Section 18.385 MeV
 18.385 MeV 1232. %



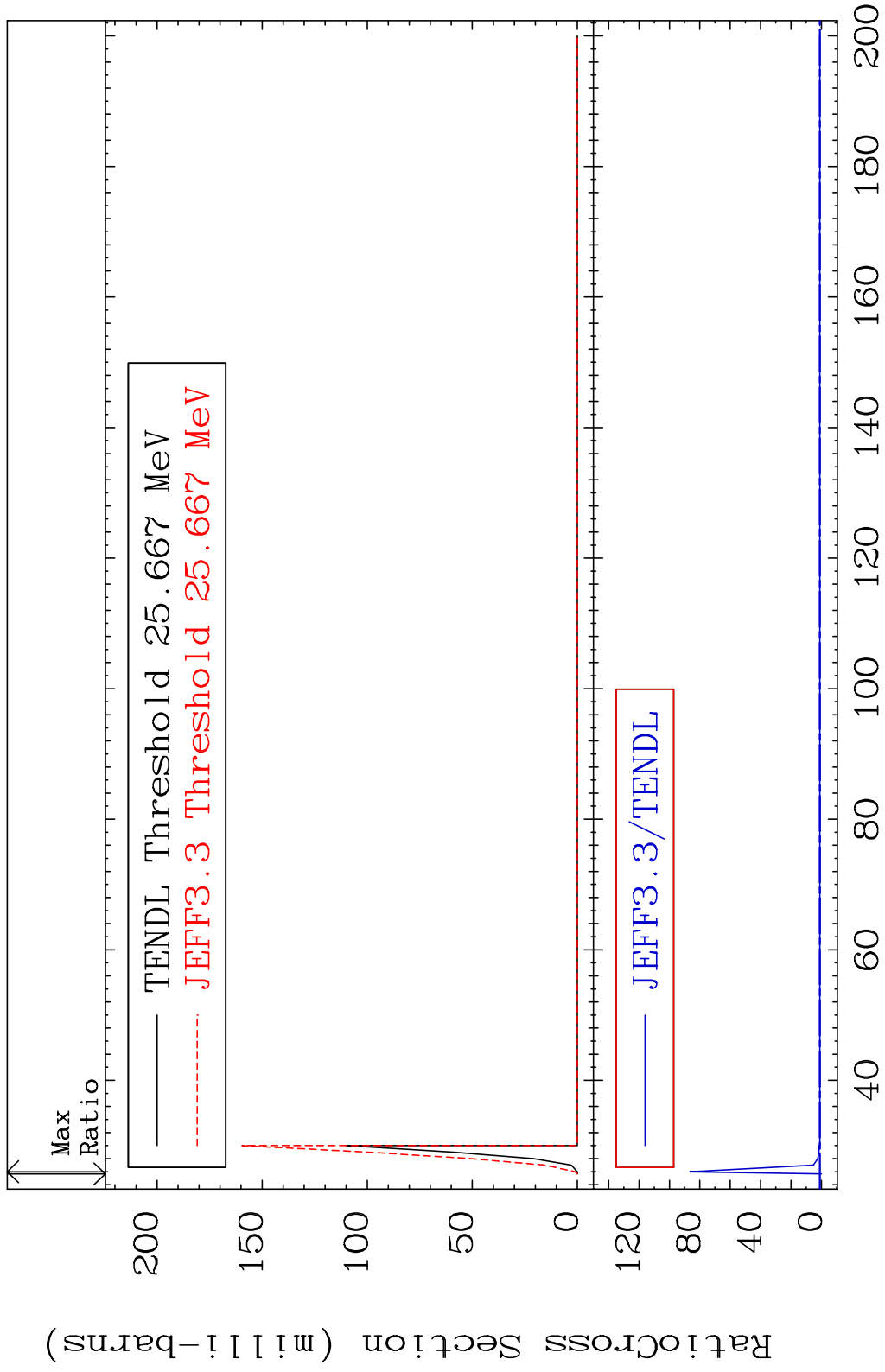
MAT 4531 (n, n') He-3:43-Tc-102m3 45-Rh-105
 Radionuclide Production Cross Section 6351. %

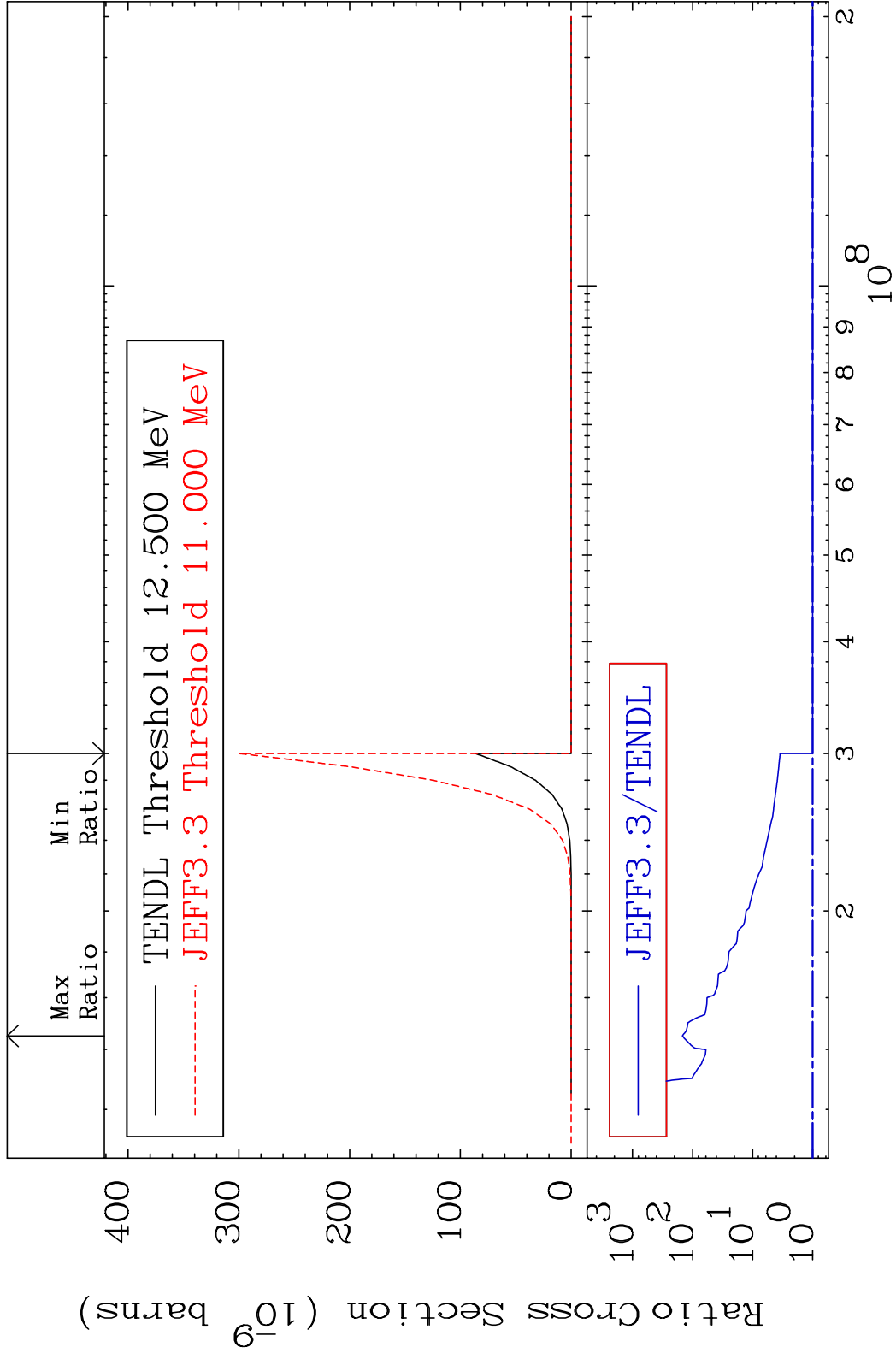


MAT 4531 (n,4n):45-Rh-102g 45-Rh-105
 Radionuclide Production Cross Section 1800.0 dno 3959. %

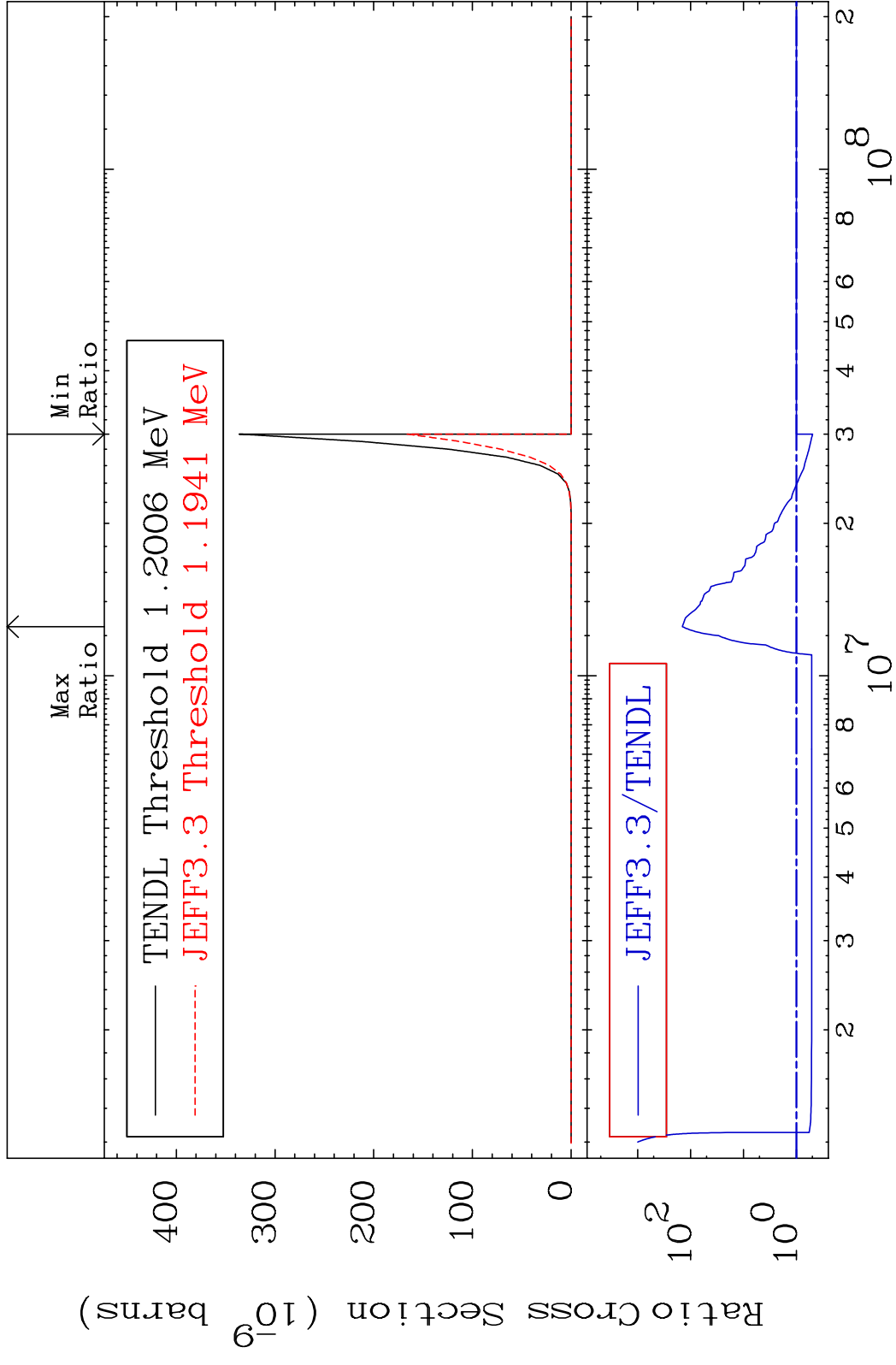


MAT 4531 (n, 4n) : 45-Rh-102m5 45-Rh-105
 Radionuclide Production Cross Section Ratio 8561. %





MAT 4531 (n,2α):41-Nb-98m1 45-Rh-105
 Radionuclide Production Cross Section to 9999. %



MAT 4531 (n, p) t:43-Tc-102g 45-Rh-105
 Radionuclide Production Cross Section Ratio 807.9 %

