

Program Complot
(Version 2021-1)

by

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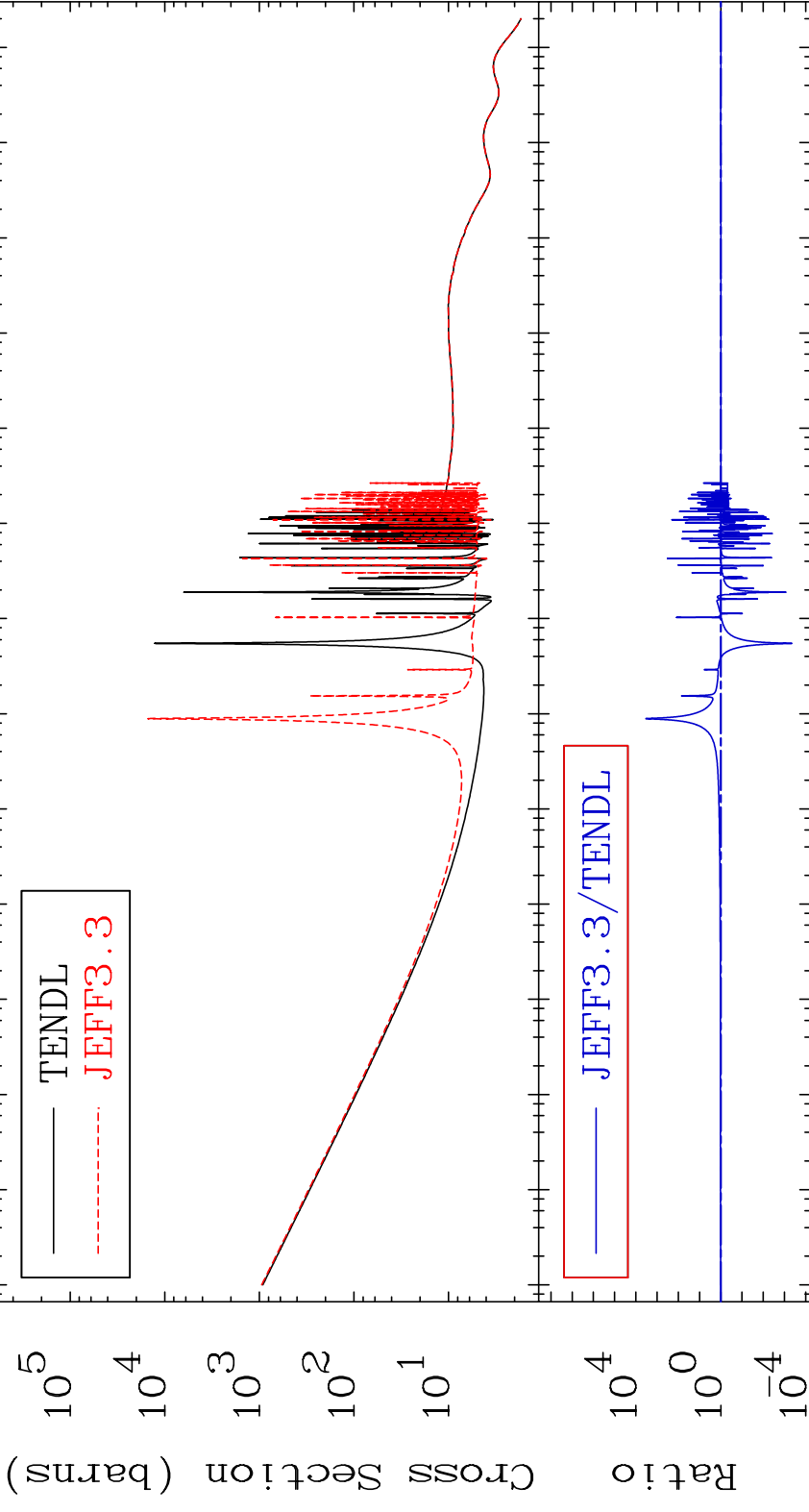
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4513

Total
Cross Section -99.96 To 9999. %

45-Rh-99



1

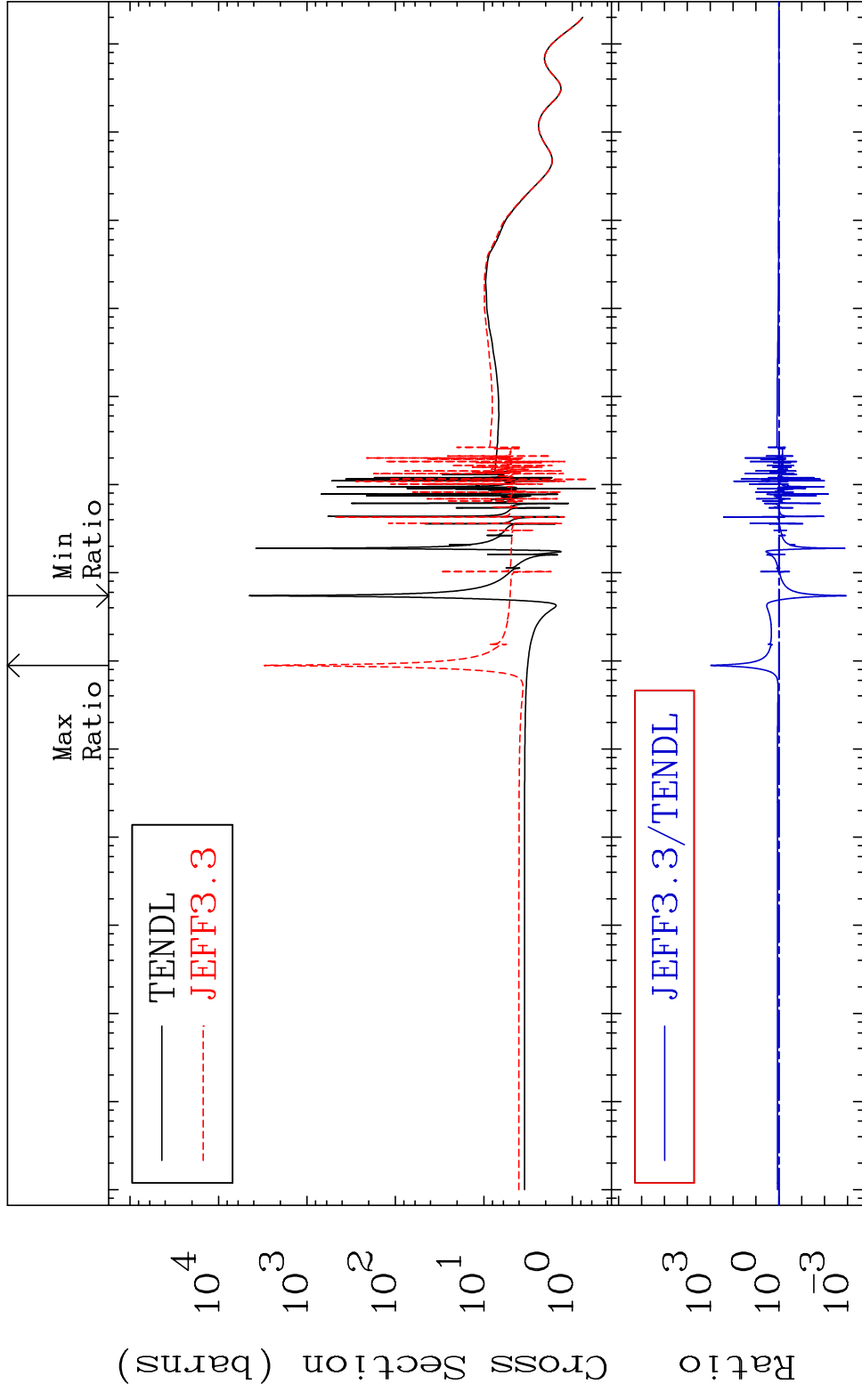
Incident Energy (eV)

45-Rh-99

MAT 4513

Elastic Cross Section -99.89 To 9999. %

45-Rh-99

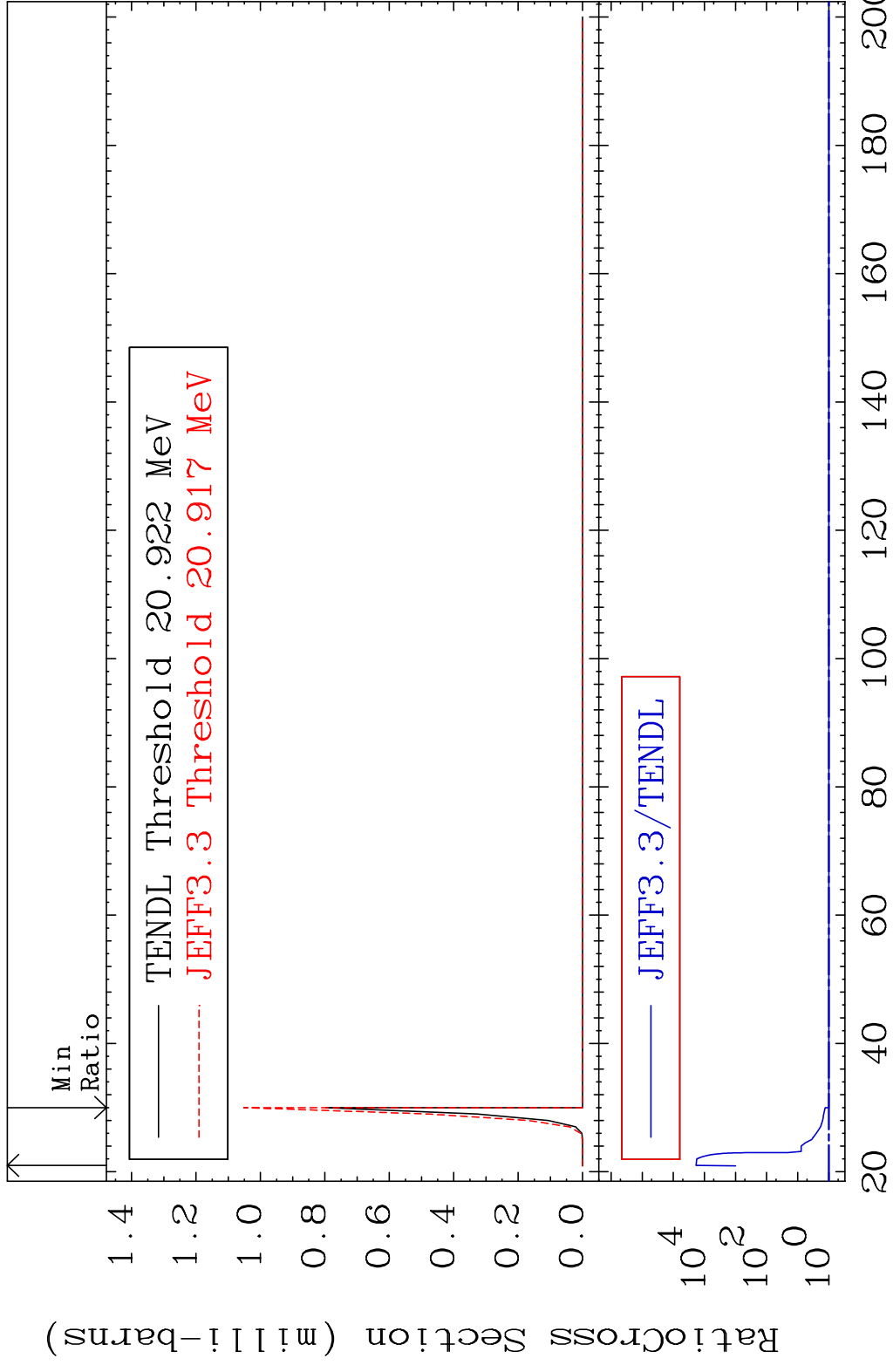


2

Incident Energy (eV)

45-Rh-99

MAT 4513 (n,2n) d 45-Rh-99
 Cross Section 0.000 To 9999. %

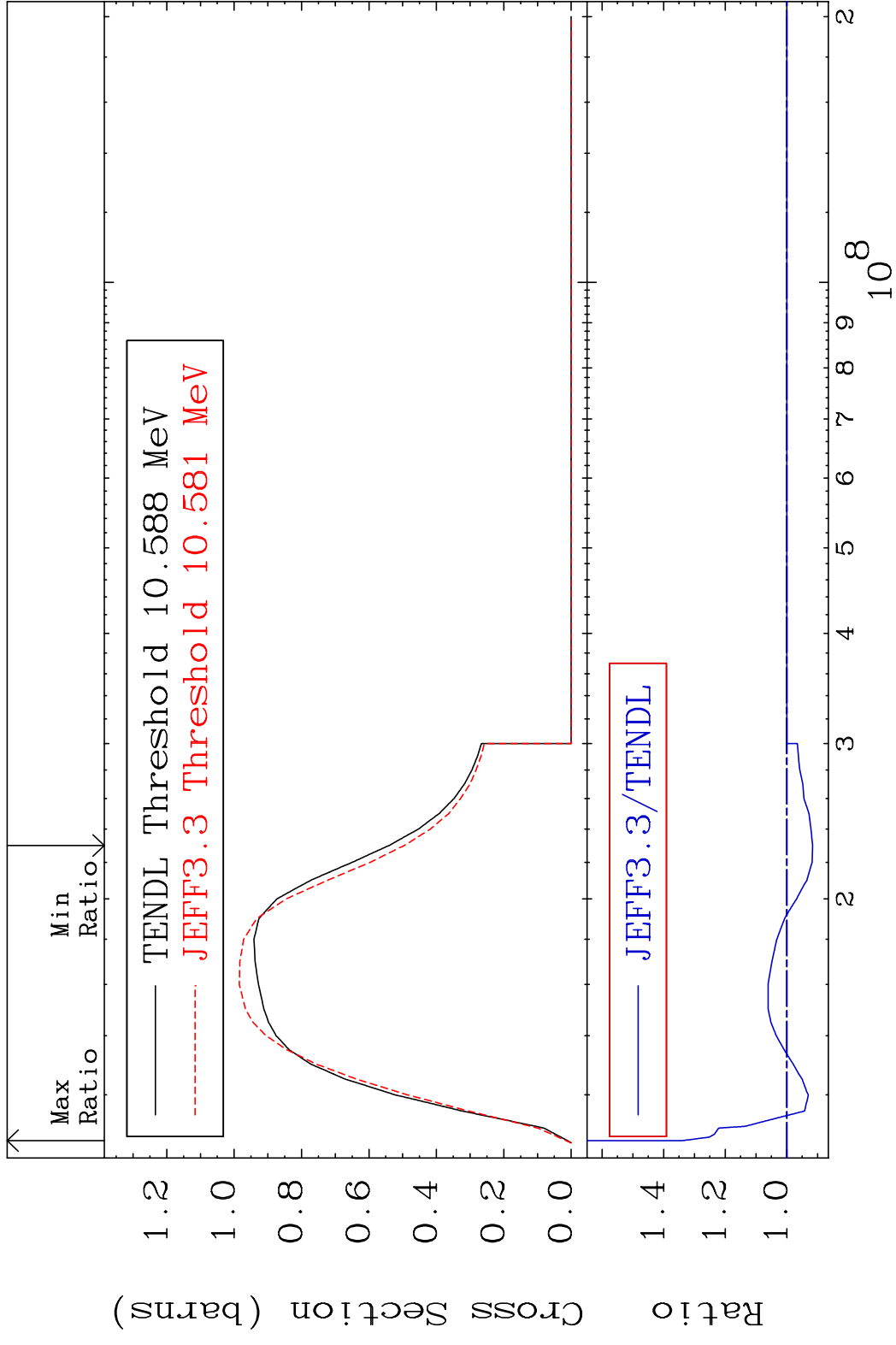


MAT 4513

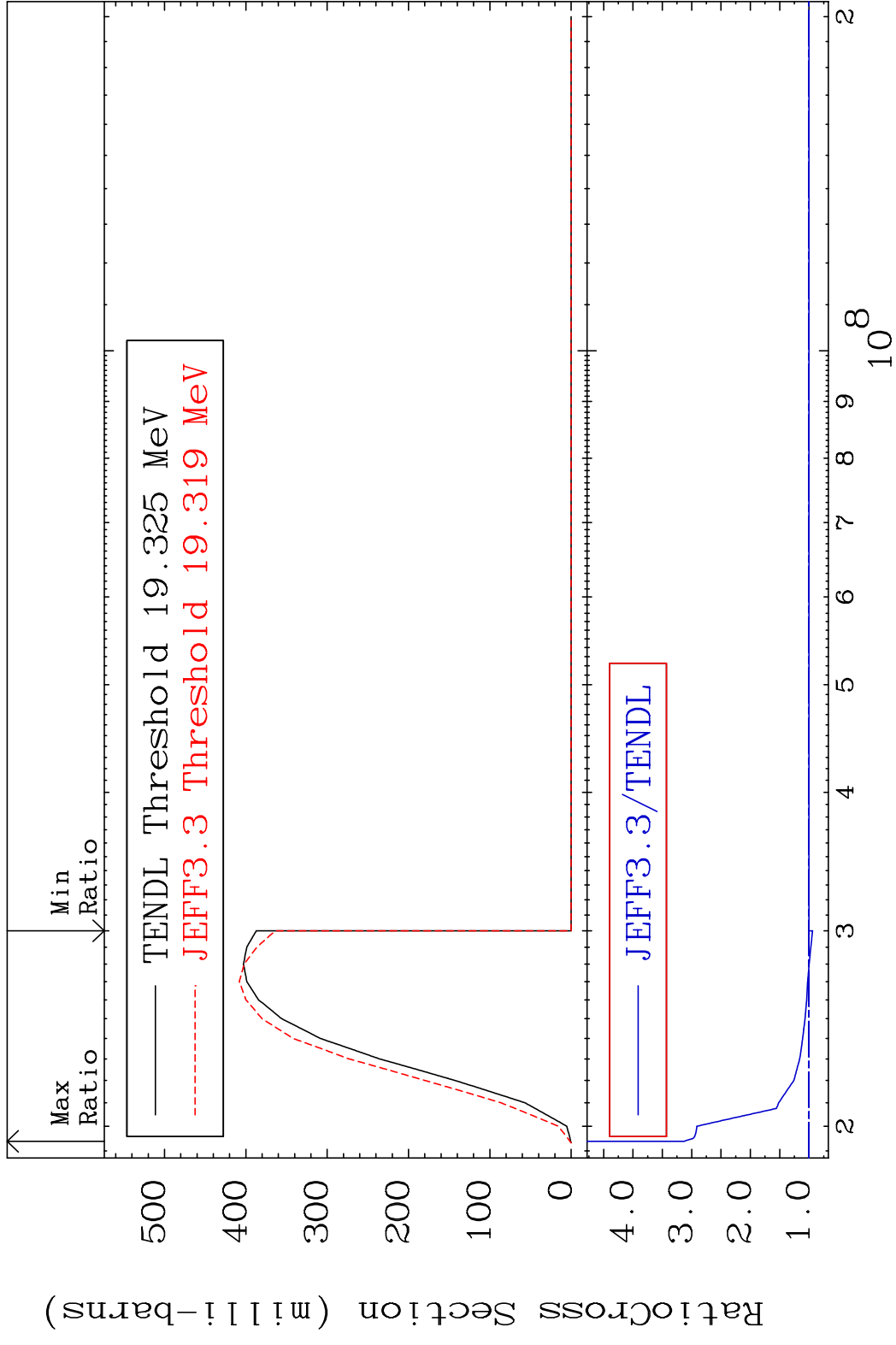
(n,2n)

45-Rh-99

Cross Section -8.359 To 33.93 %



MAT 4513 (n,3n) 45-Rh-99
 Cross Section -6.010 To 215.8 %

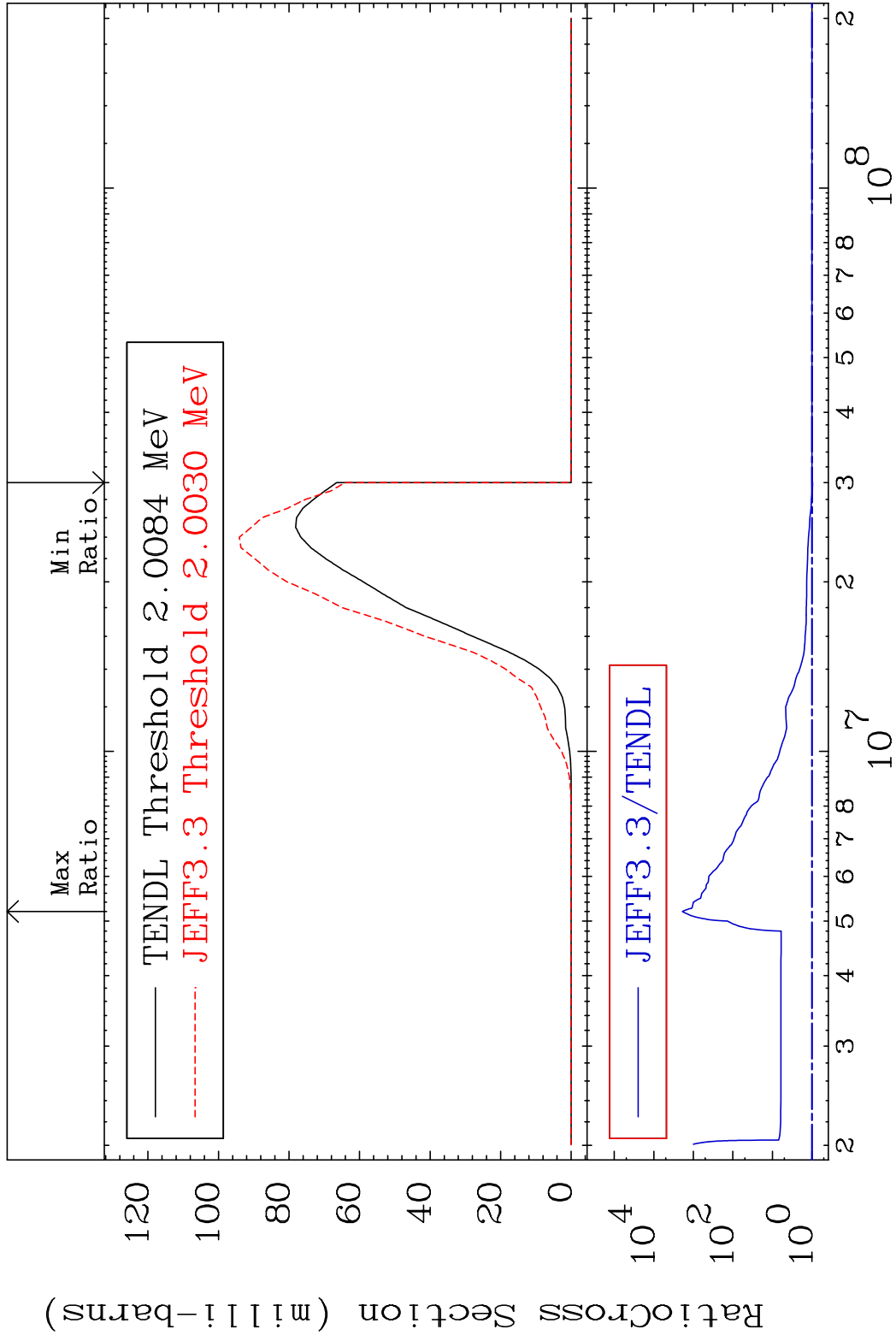


MAT 4513

(n, n') α

45-Rh-99

Cross Section -3.586 To 9999. %

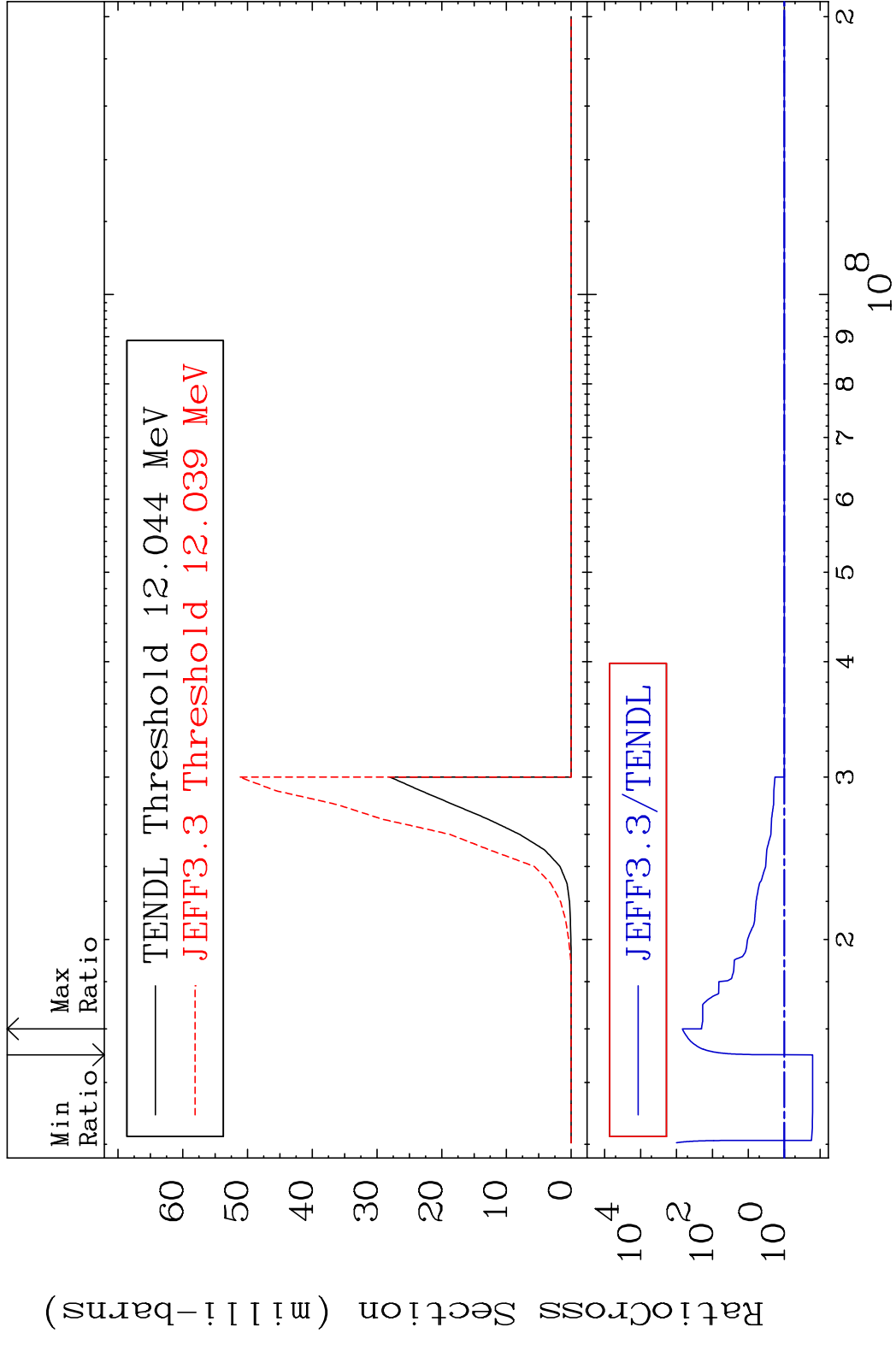


MAT 4513

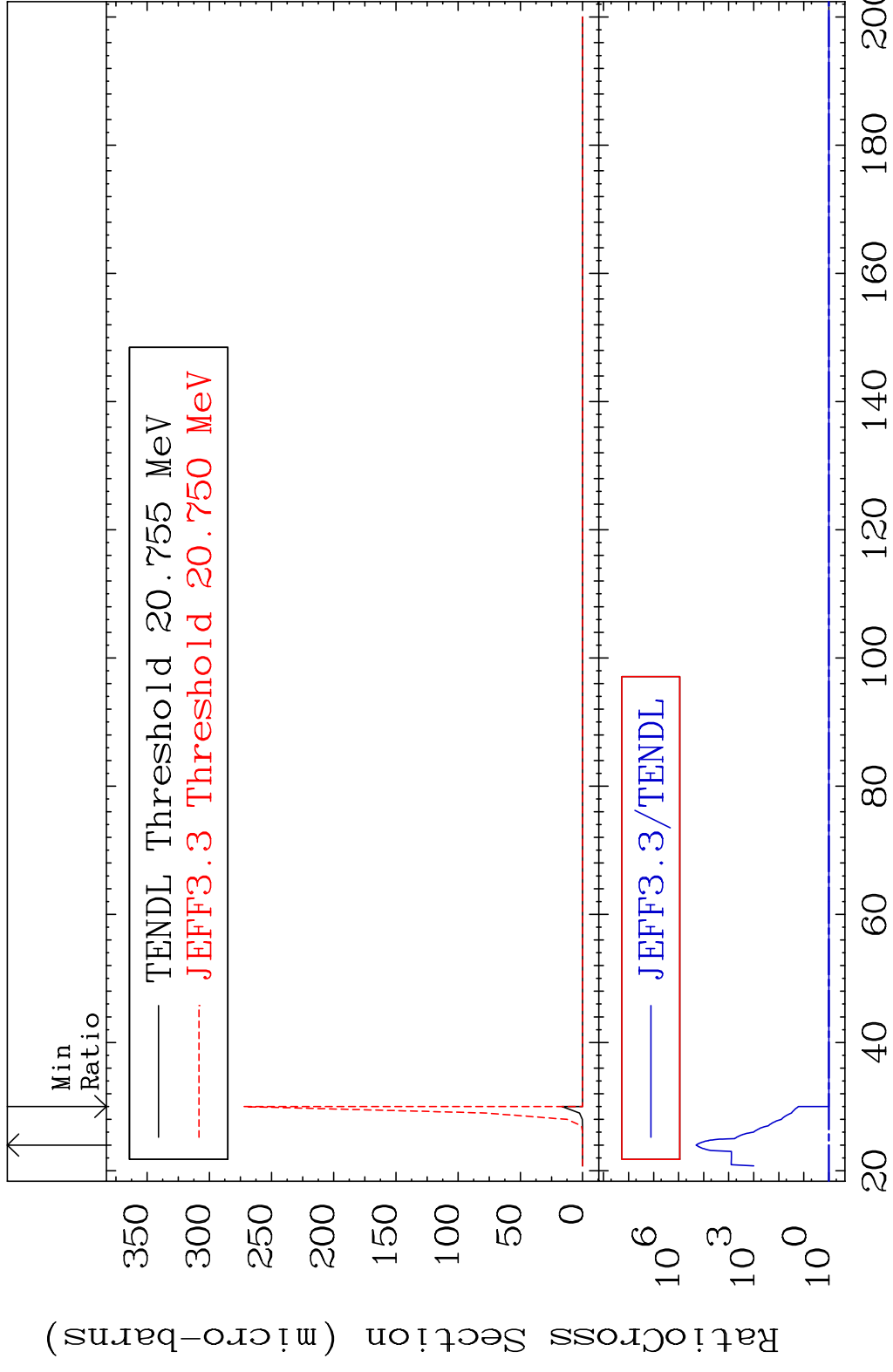
(n,2n) α

45-Rh-99

Cross Section -83.66 To 9999. %



MAT 4513 (n,3n) α 45-Rh-99
 Cross Section 0.000 To 9999. %

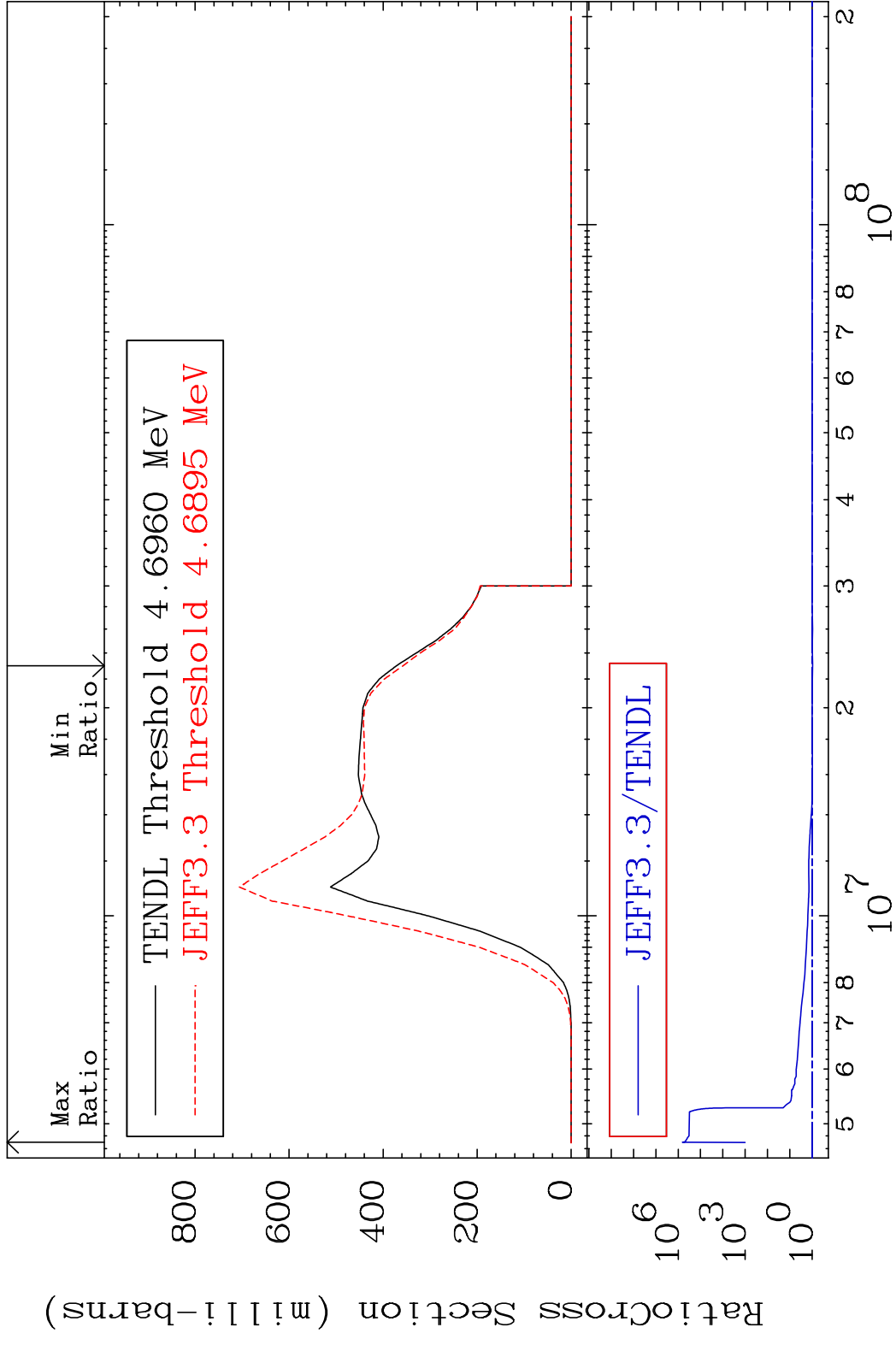


MAT 4513

(n, n') p

45-Rh-99

Cross Section -3.778 To 9999. %

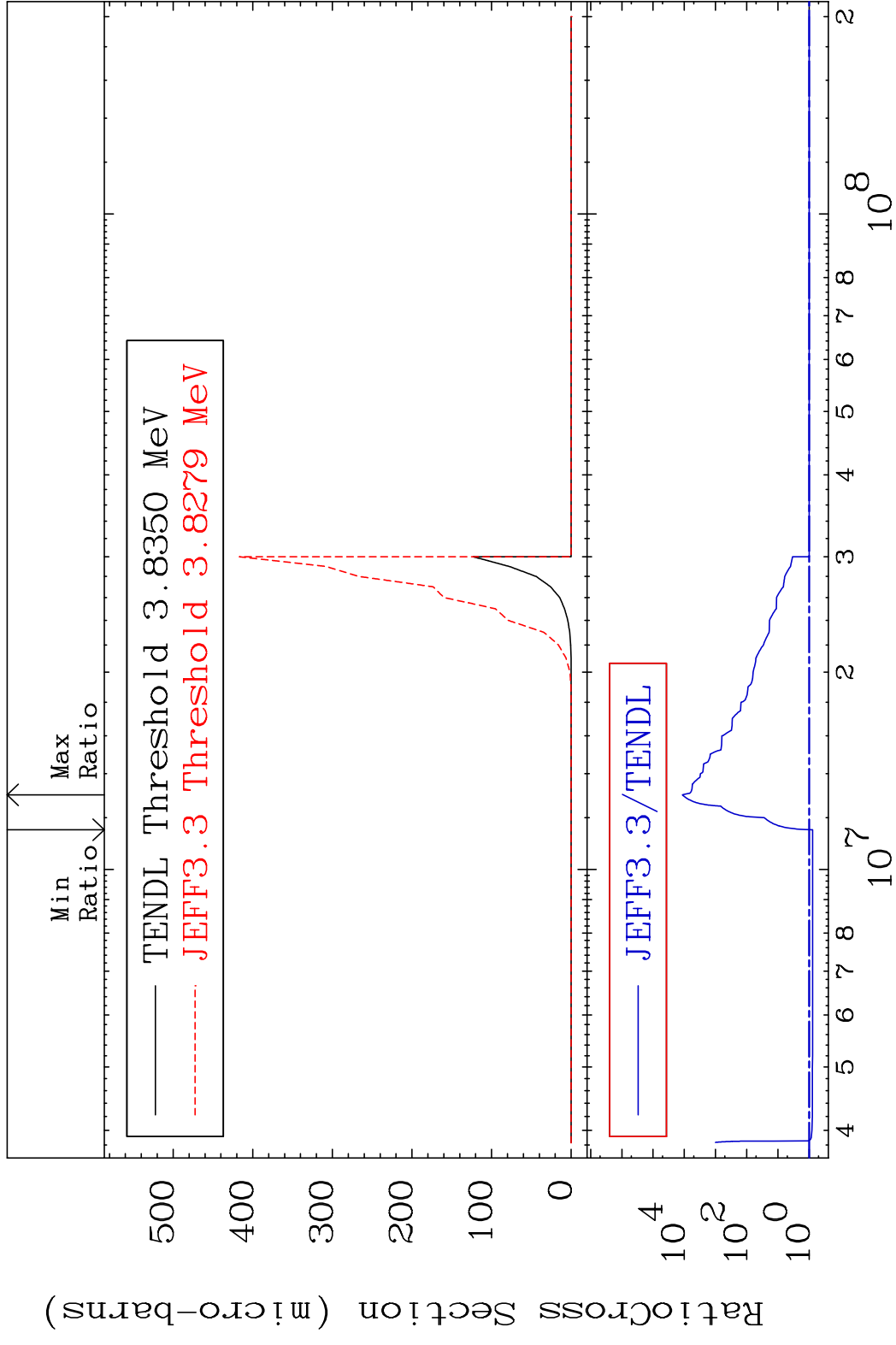


10

Incident Energy (eV)

45-Rh-99

MAT 4513 (n, n') 2α 45-Rh-99
 Cross Section -22.13 To 9999. %

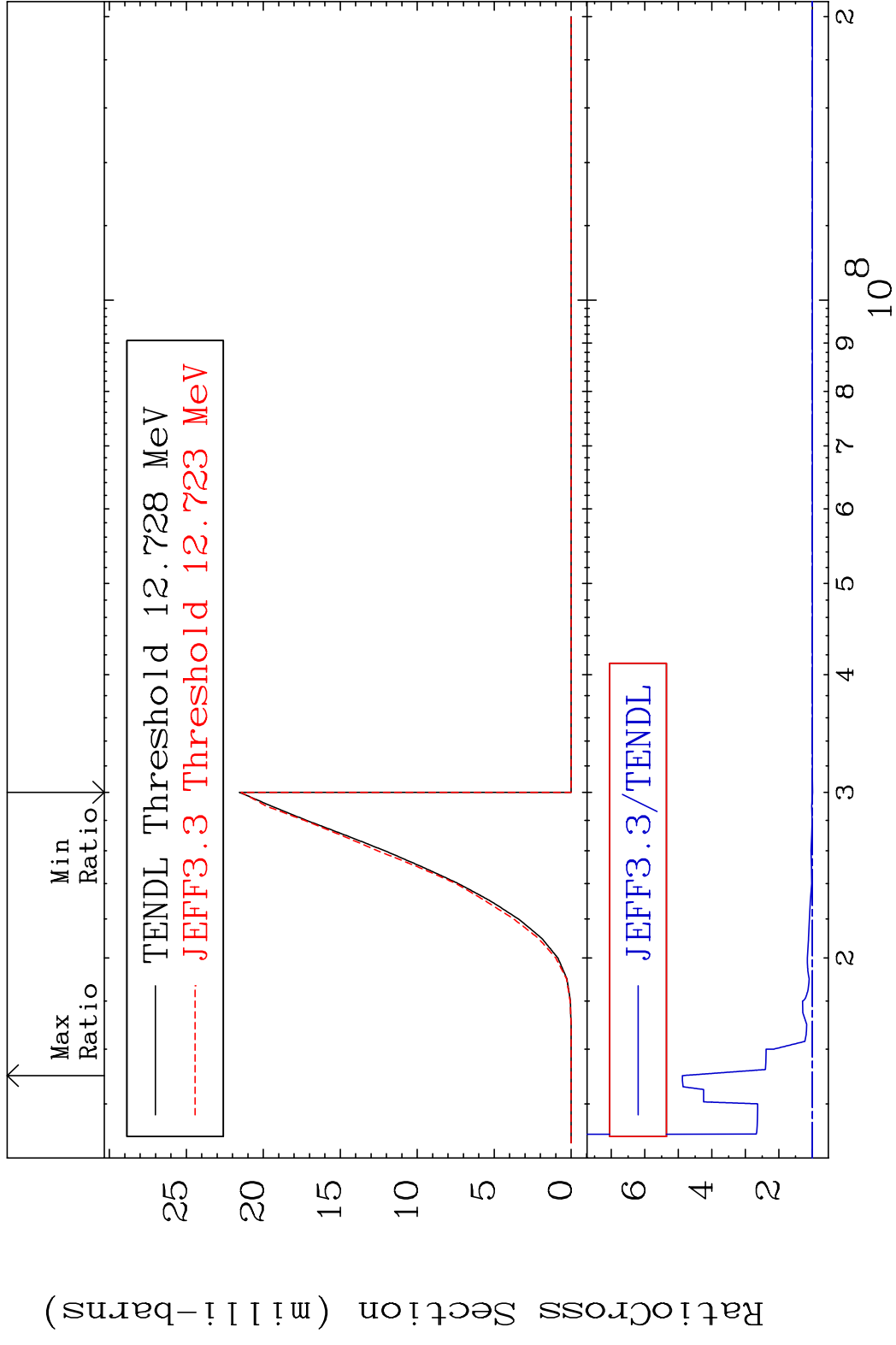


MAT 4513

(n, n') d

45-Rh-99

Cross Section -0.573 To 388.0 %



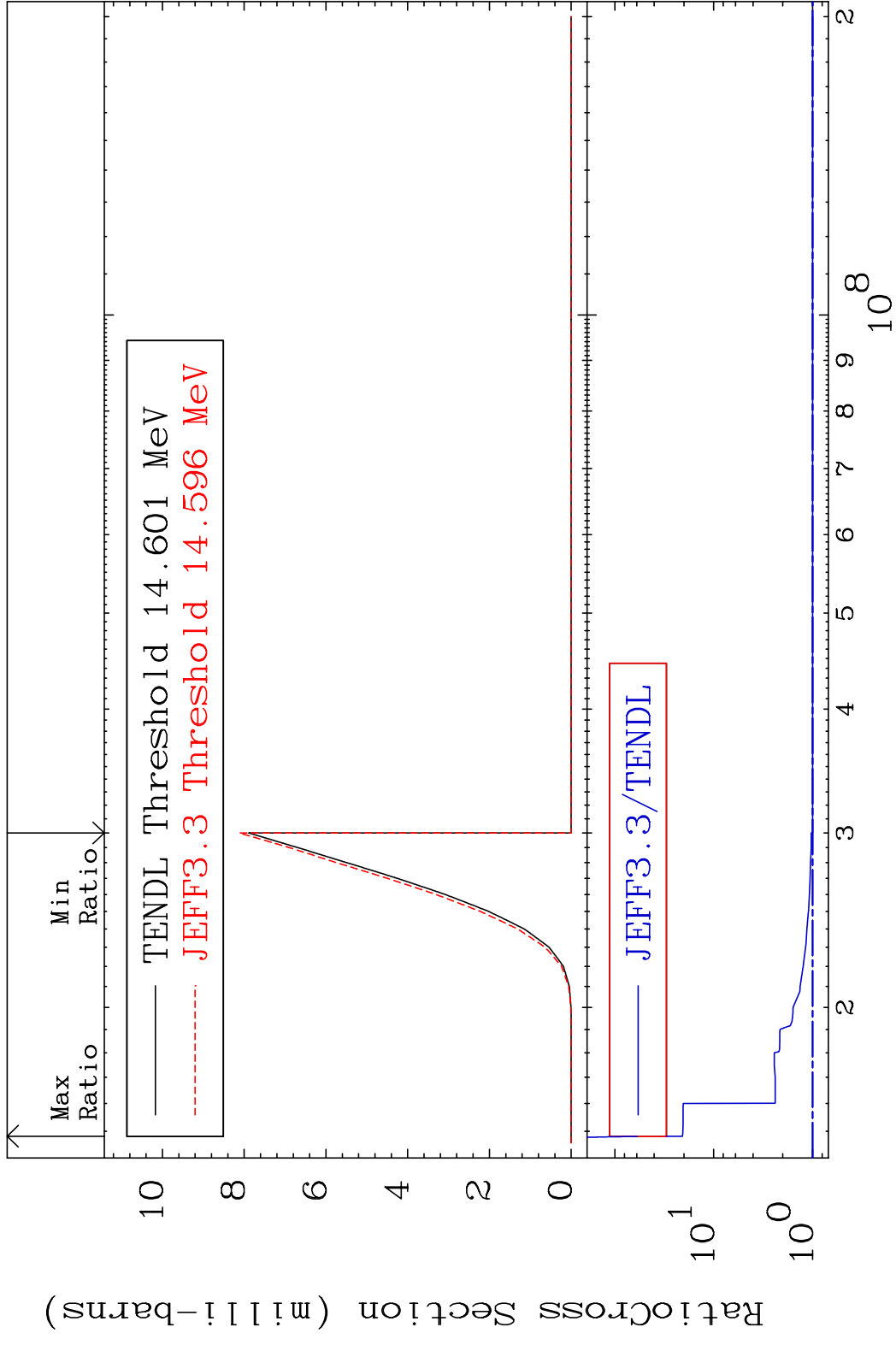
MAT 4513

(n, n') t

45-Rh-99

Cross Section 0.000

To 1974. %



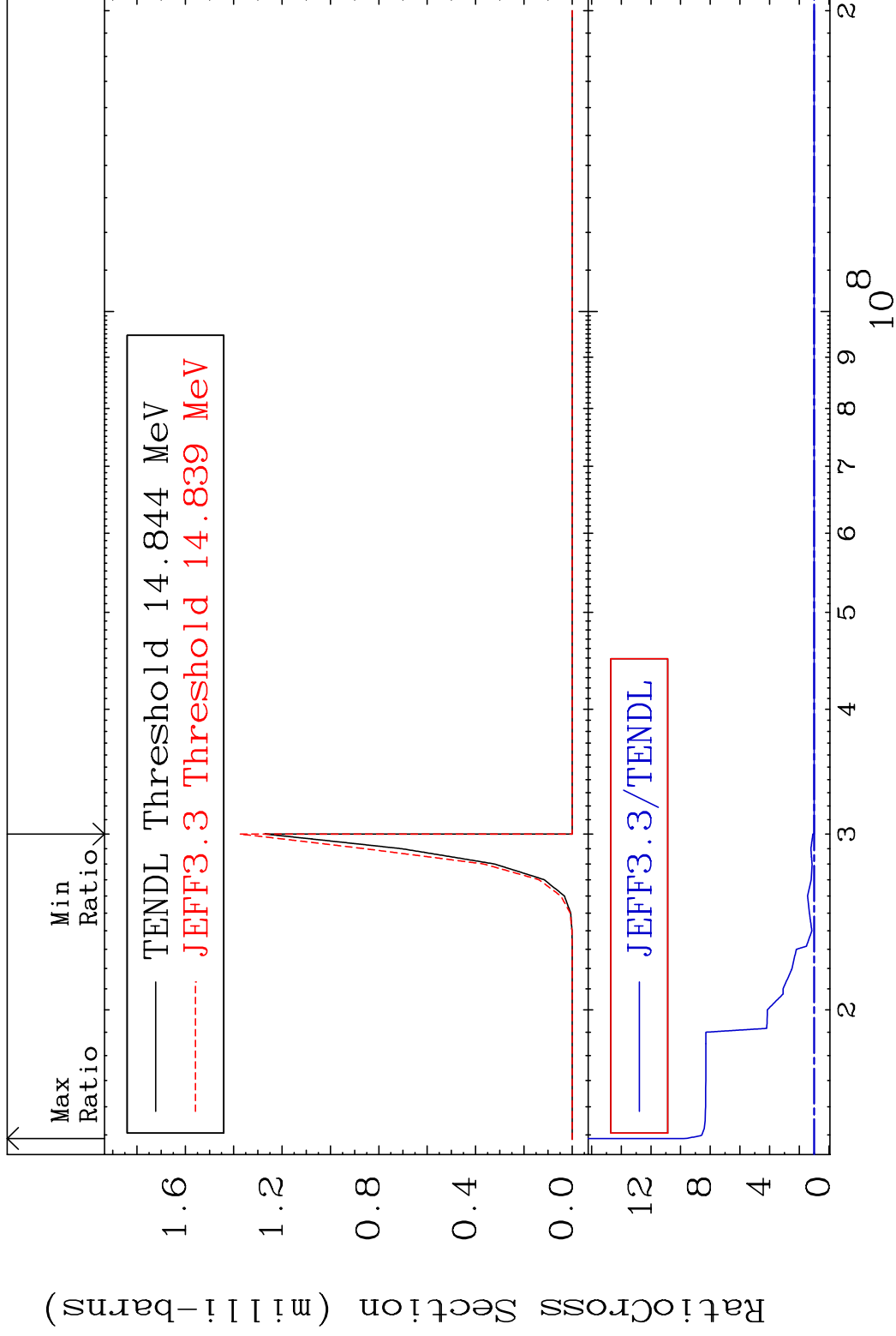
MAT 4513

(n,n') He-3

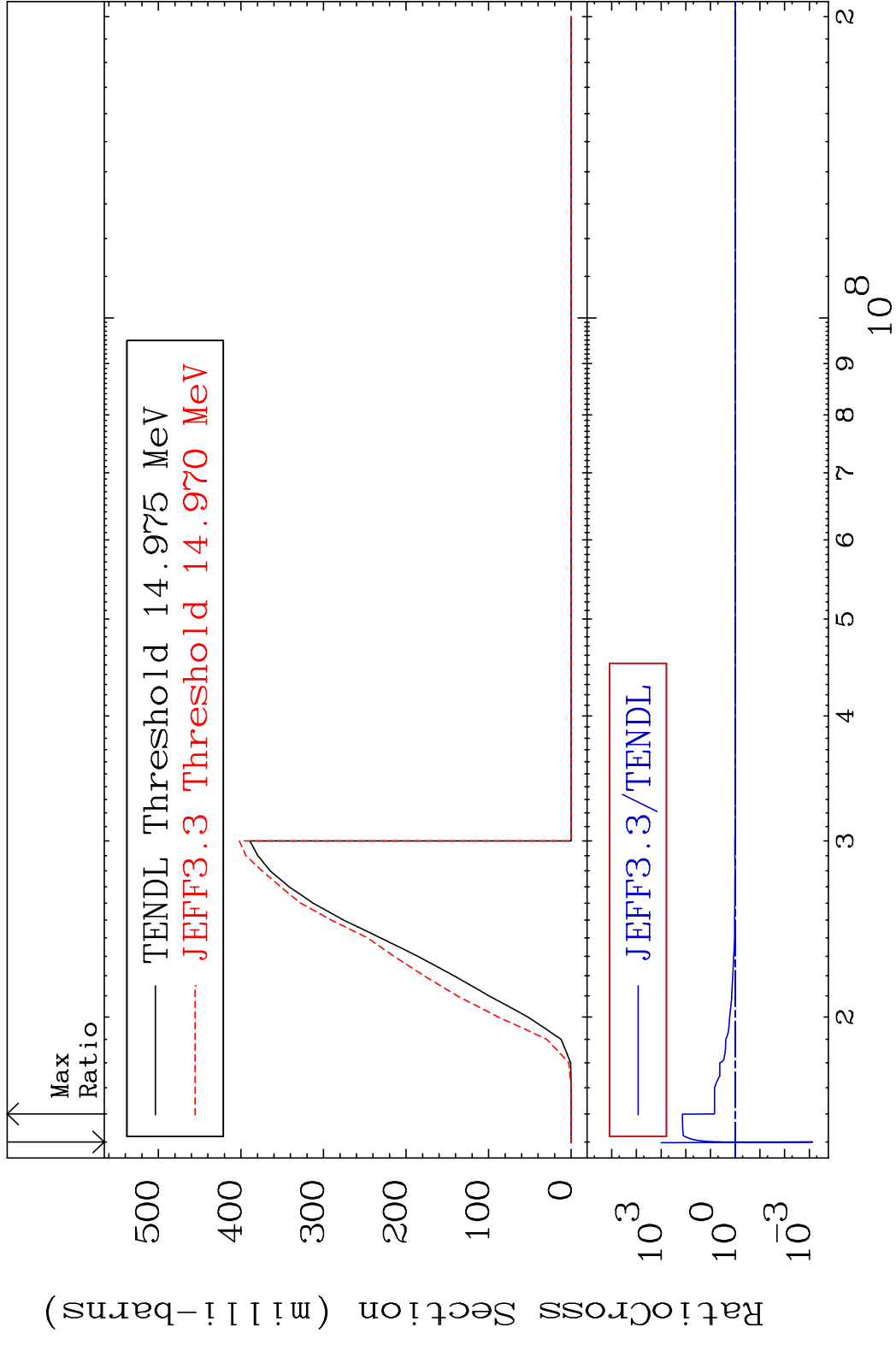
45-Rh-99

Cross Section 0.000

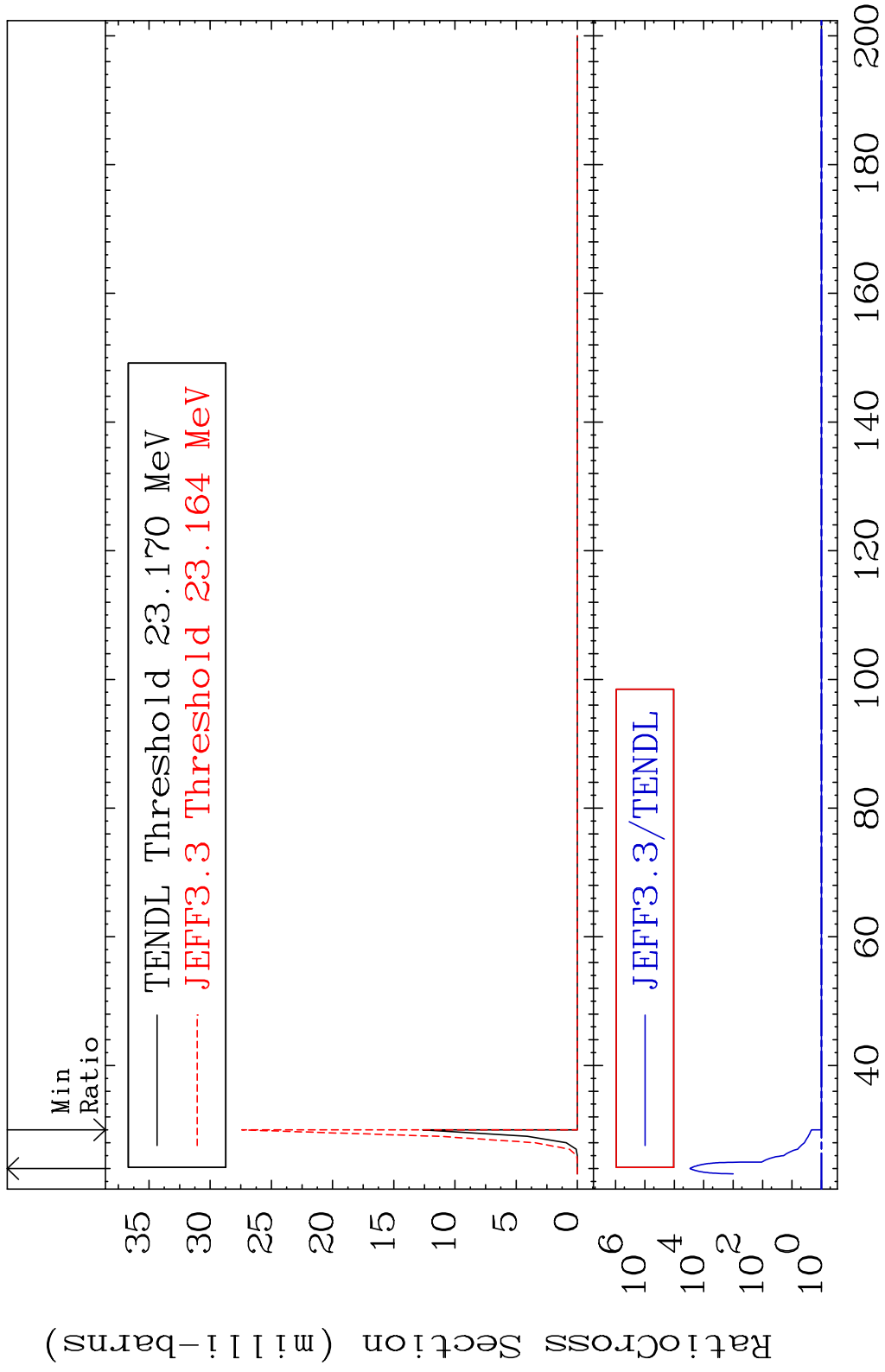
To 879.4 %



MAT 4513 (n,2n) p 45-Rh-99
 Cross Section -99.93 To 9999. %



MAT 4513 (n,3n) p 45-Rh-99
 Cross Section 0.000 To 9999. %

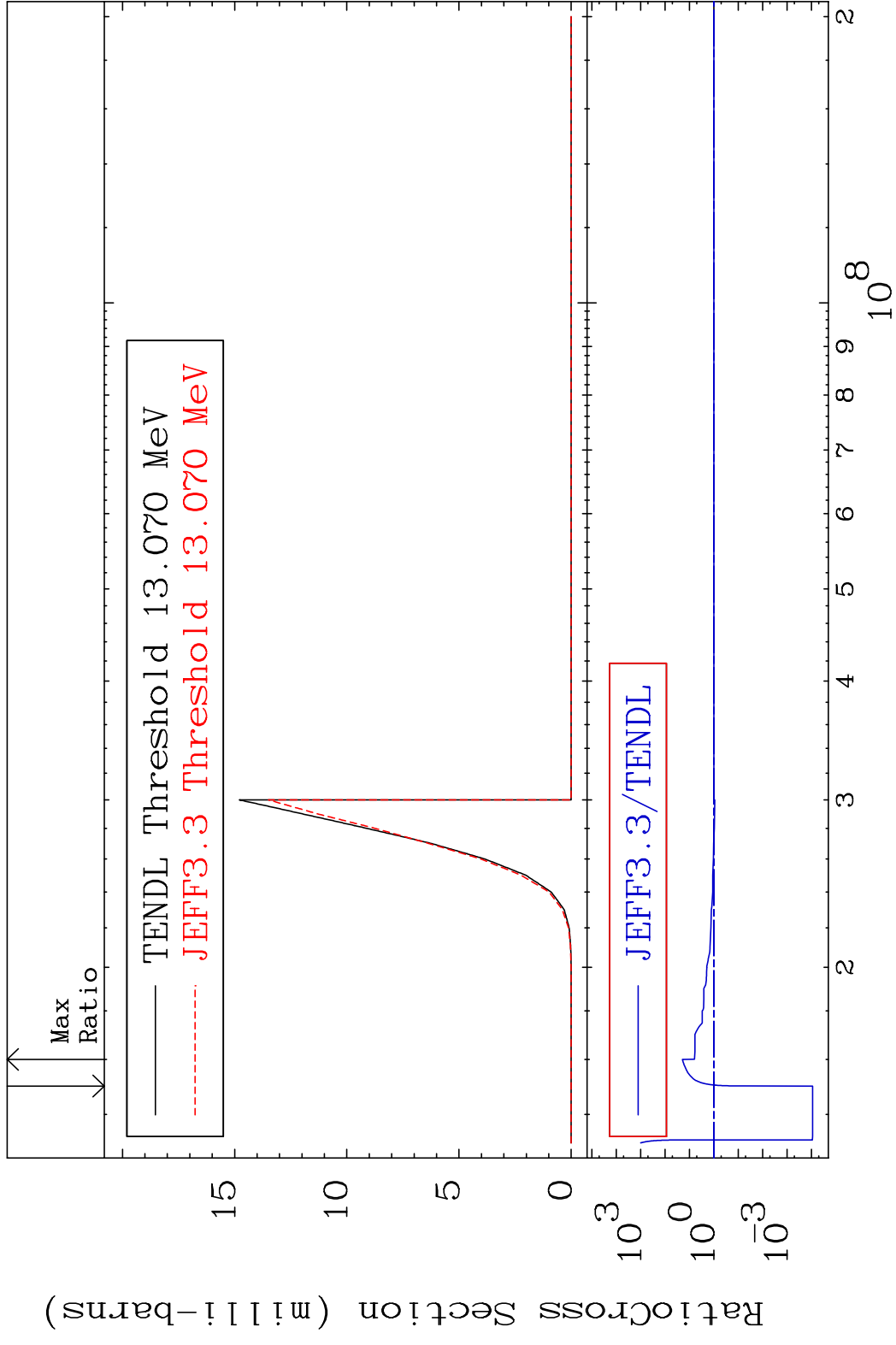


MAT 4513

(n,2n) p

45-Rh-99

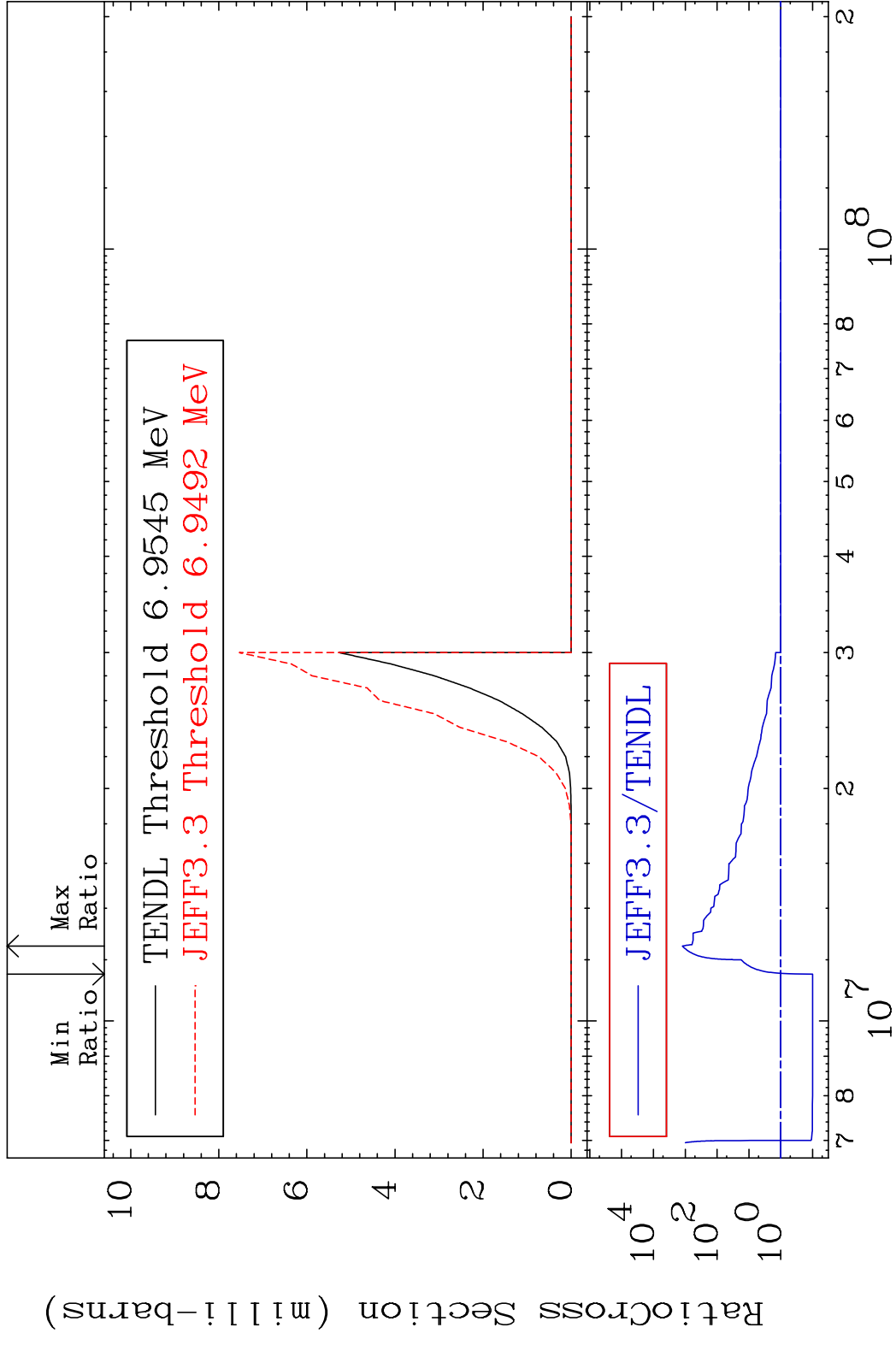
Cross Section -99.99 To 1851. %



MAT 4513

(n, n') p α 45-Rh-99

Cross Section -90.02 To 9999. %

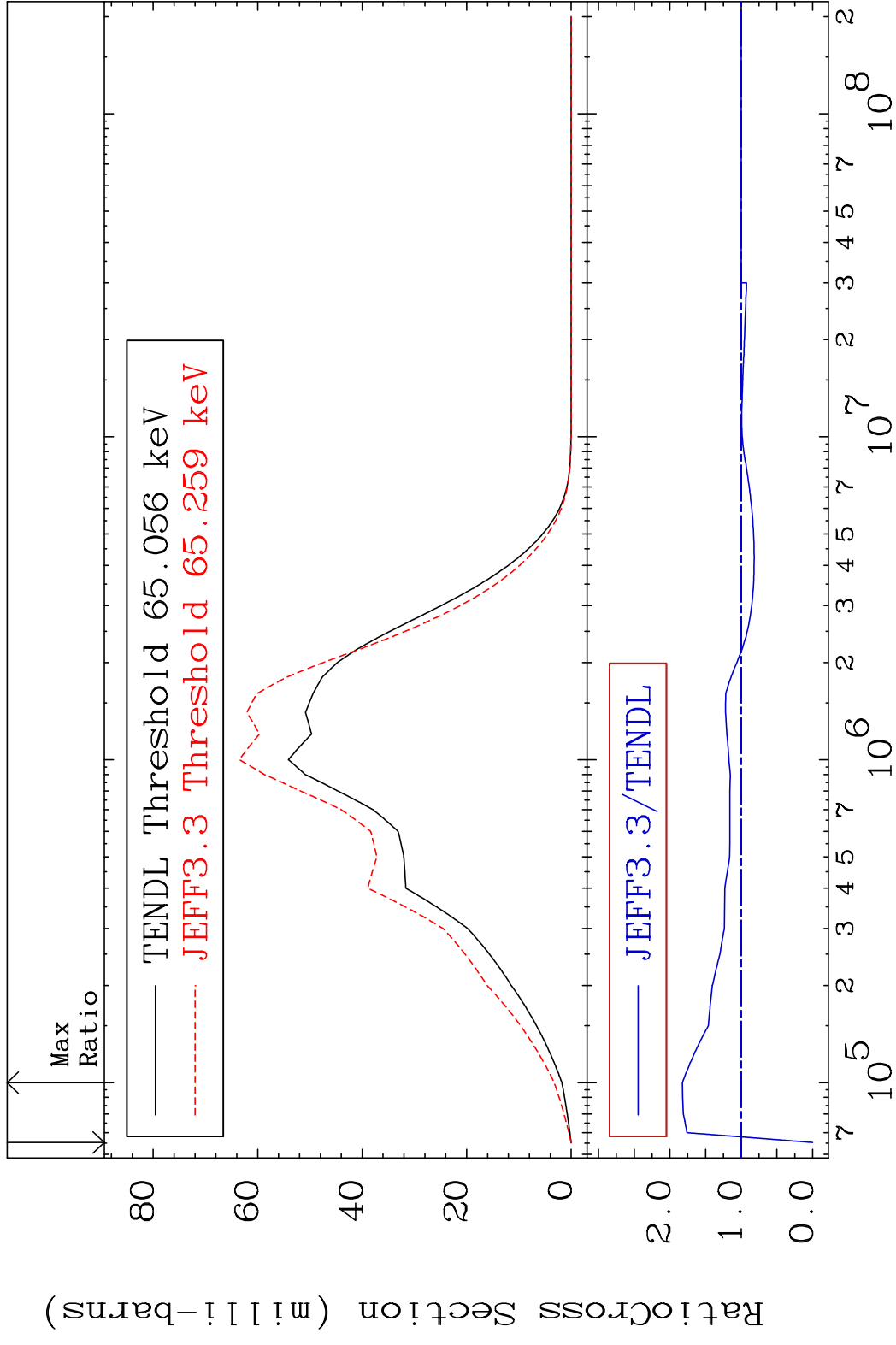


18

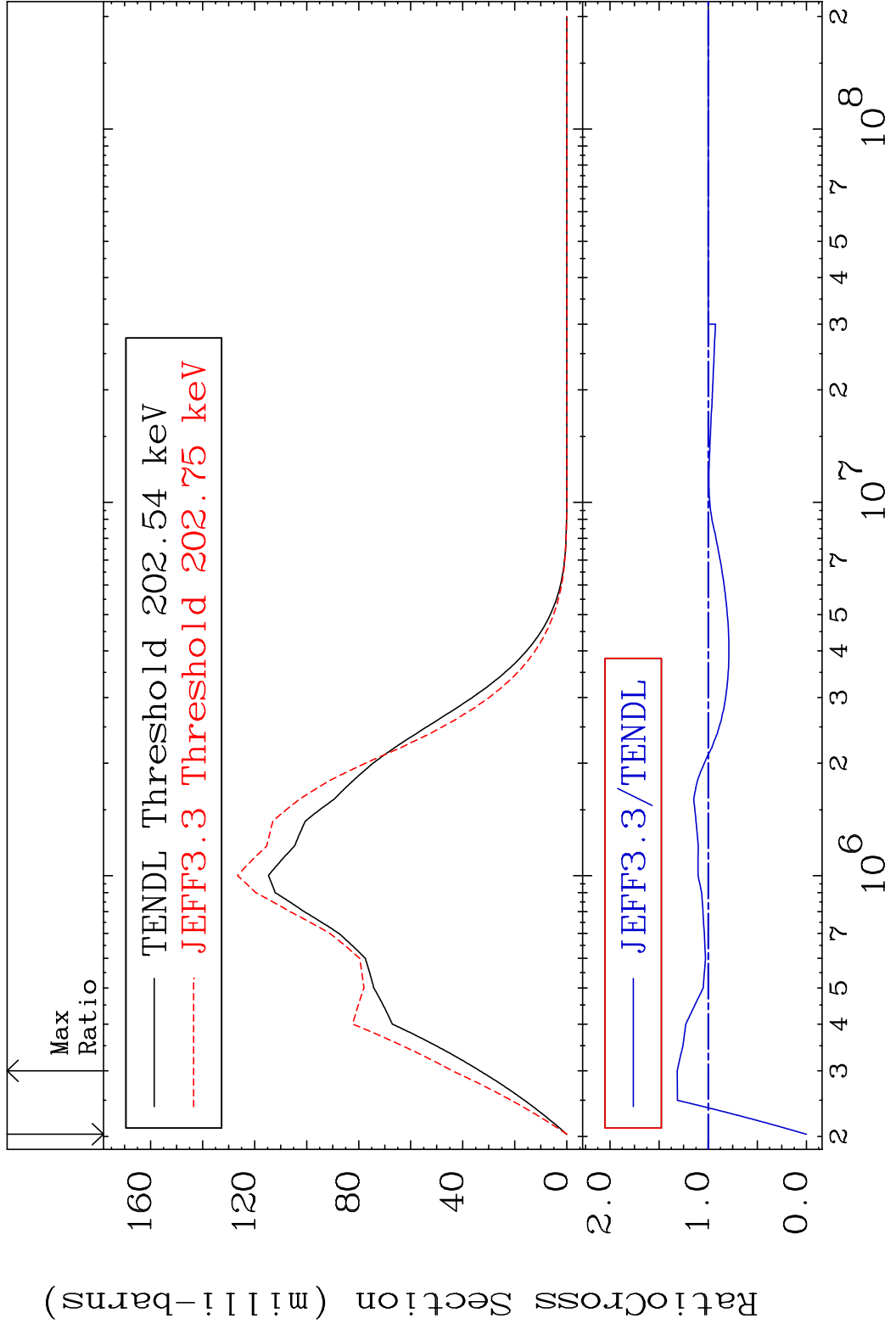
Incident Energy (eV)

45-Rh-99

MAT 4513 MT= 51 (n,n') Level 45-Rh-99
 Cross Section -100.0 To 82.50 %

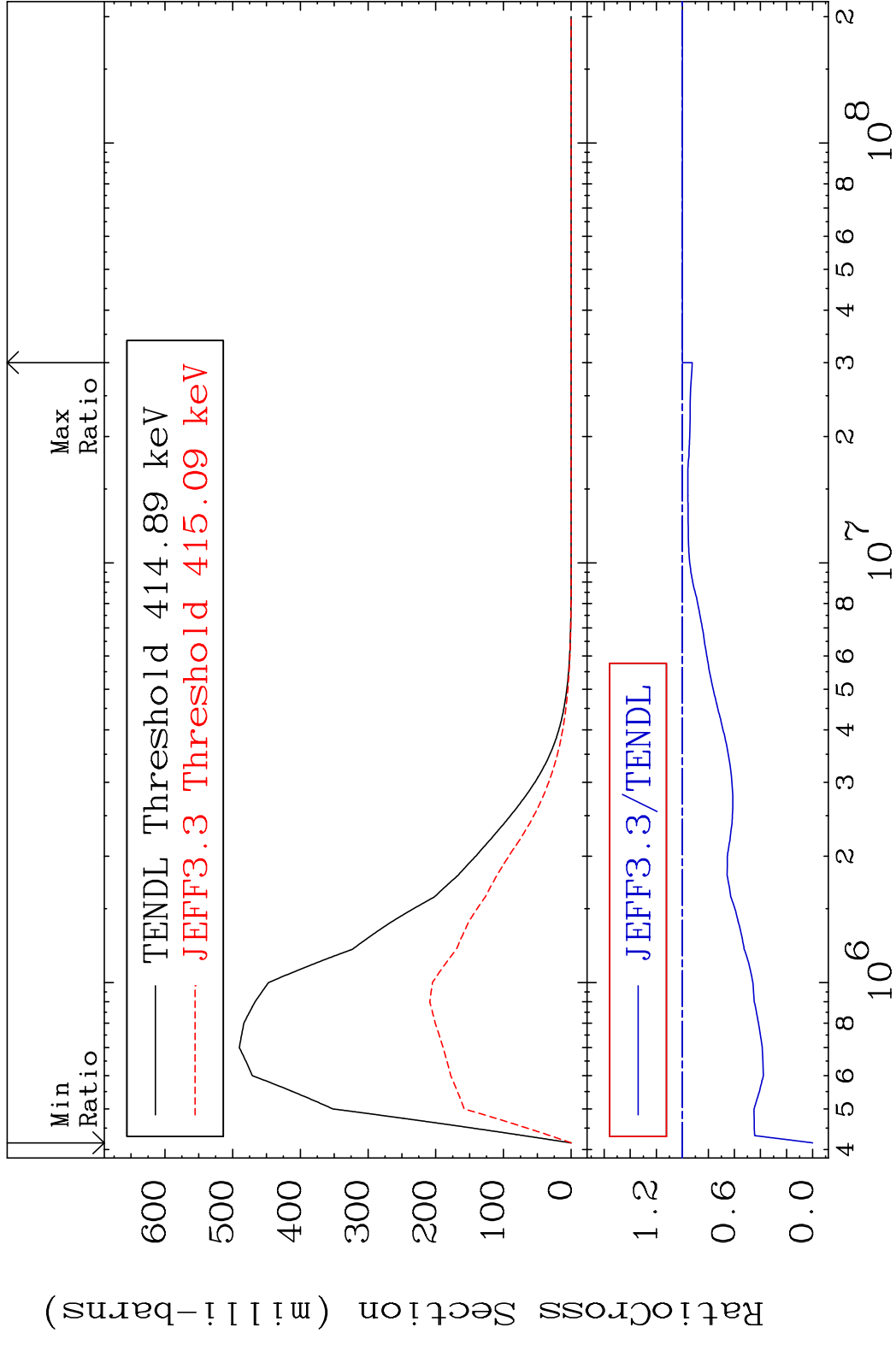


MAT 4513 MT= 52 (n,n') Level 45-Rh-99
 Cross Section -100.0 To 31.59 %

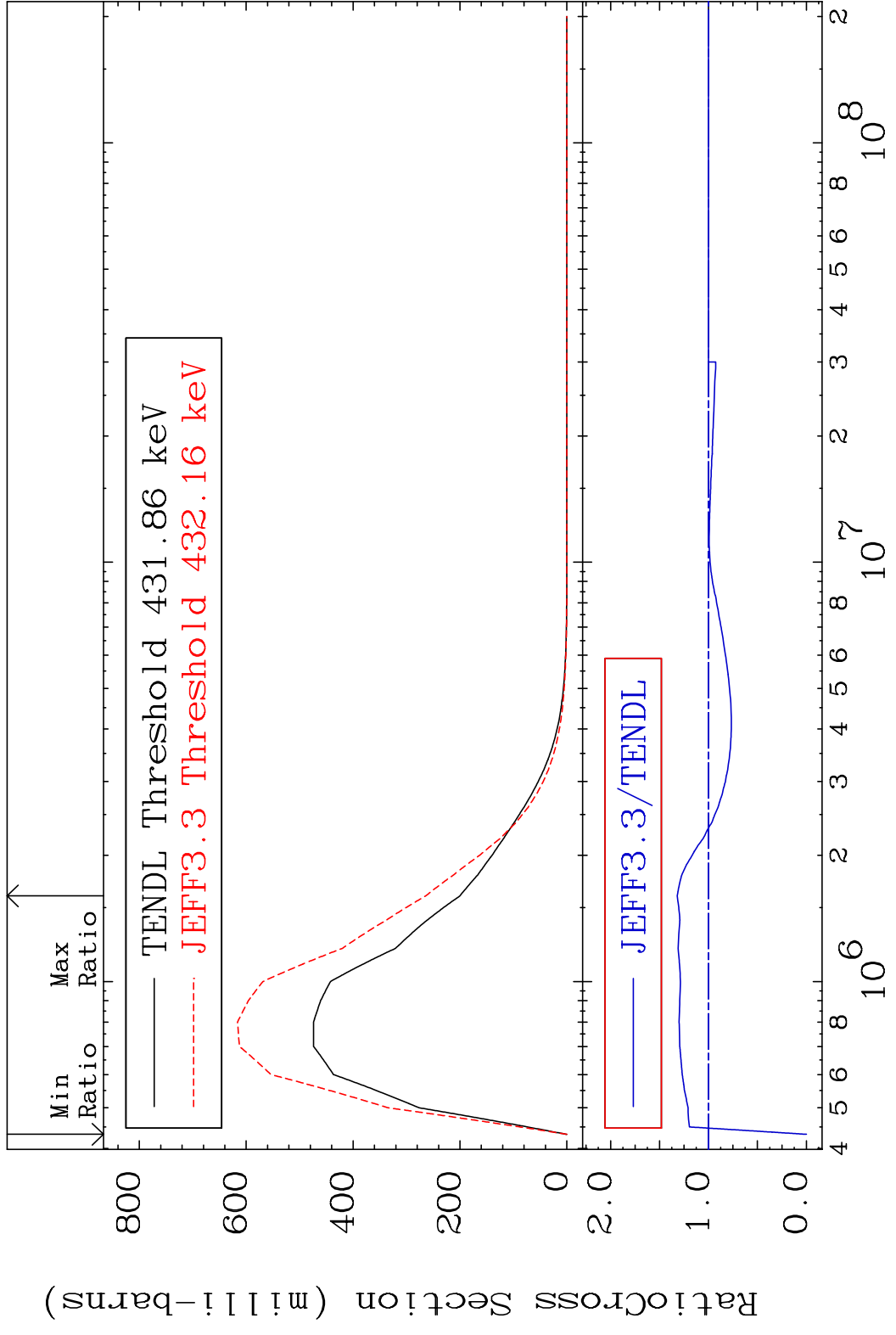


20 Incident Energy (eV) 45-Rh-99

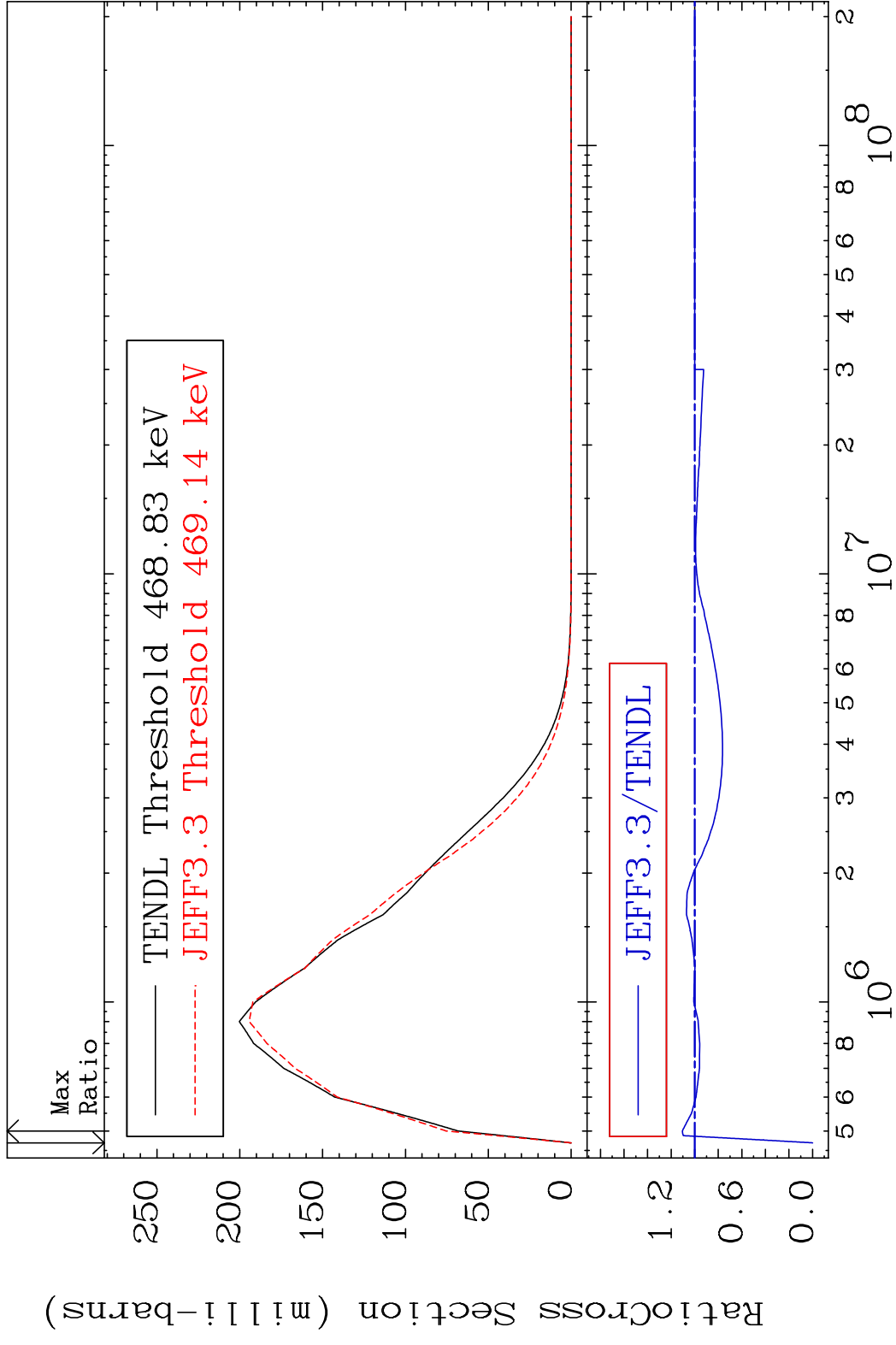
MAT 4513 MT= 53 (n, n') Level 45-Rh-99
 Cross Section -100.0 To 0.000 %



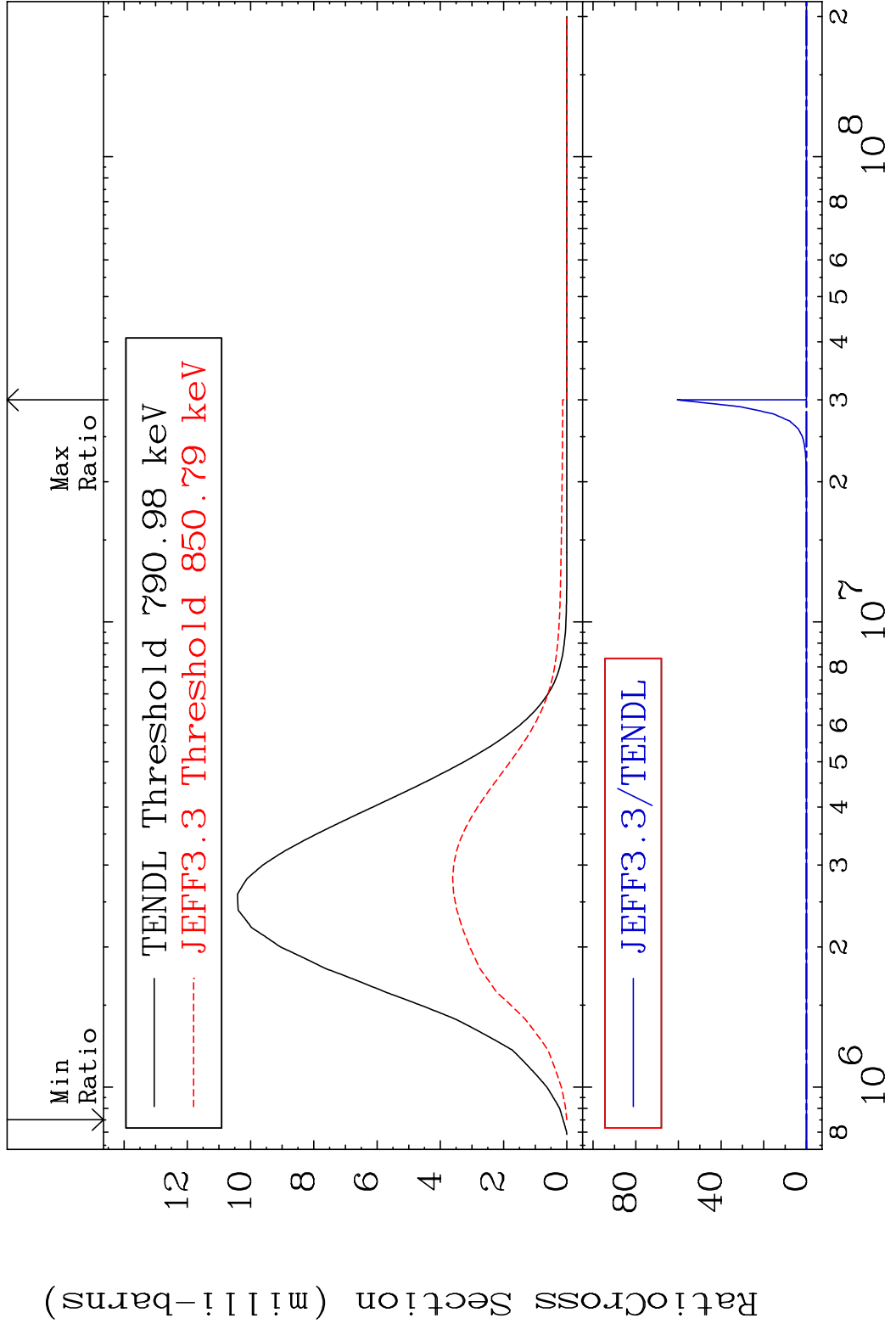
MAT 4513 MT= 54 (n,n') Level 45-Rh-99
 Cross Section -100.0 To 31.97 %



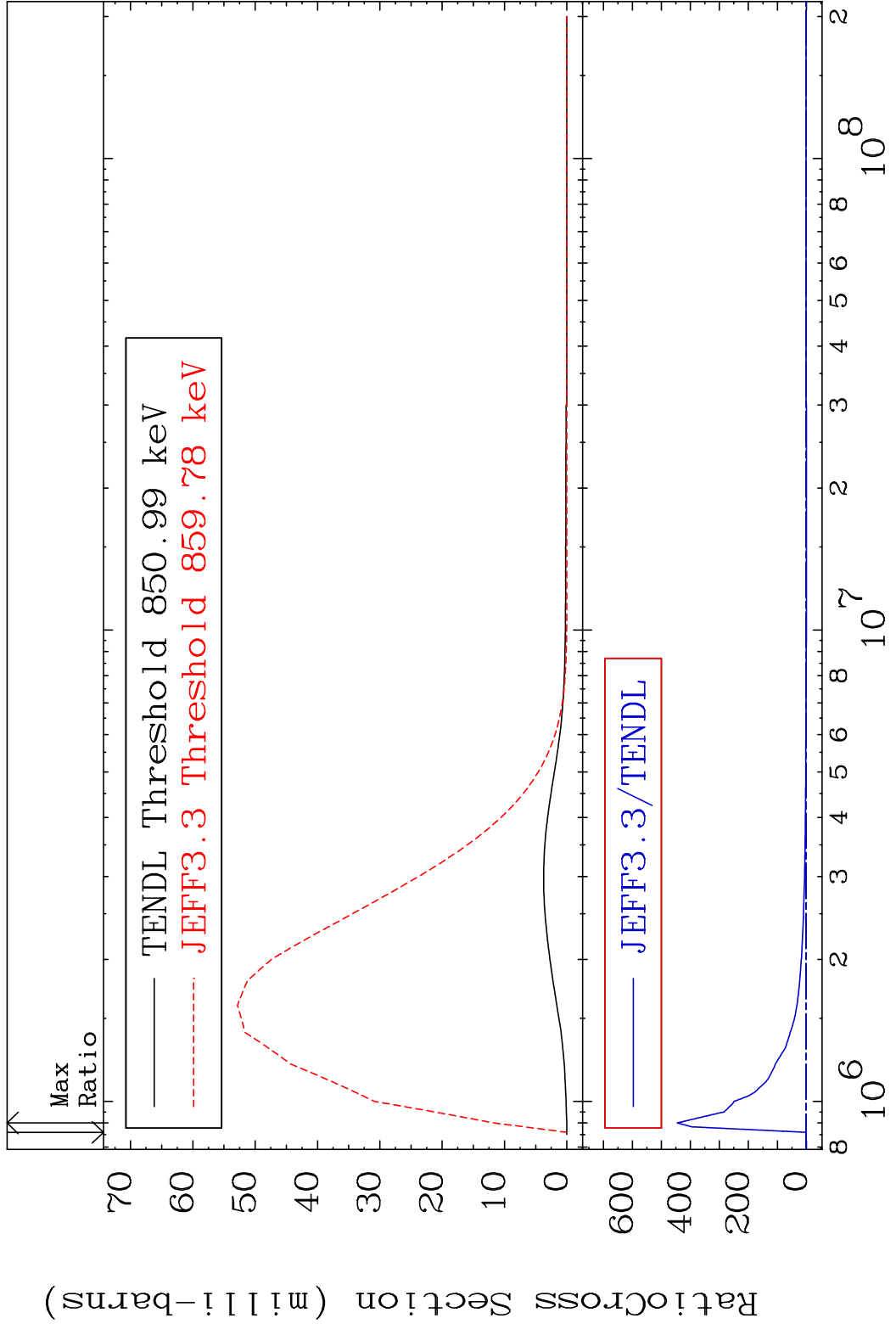
MAT 4513 MT= 55 (n,n') Level 45-Rh-99
 Cross Section -100.0 To 10.51 %



MAT 4513 MT= 56 (n, n') Level 45-Rh-99
 Cross Section -100.0 To 9999. %

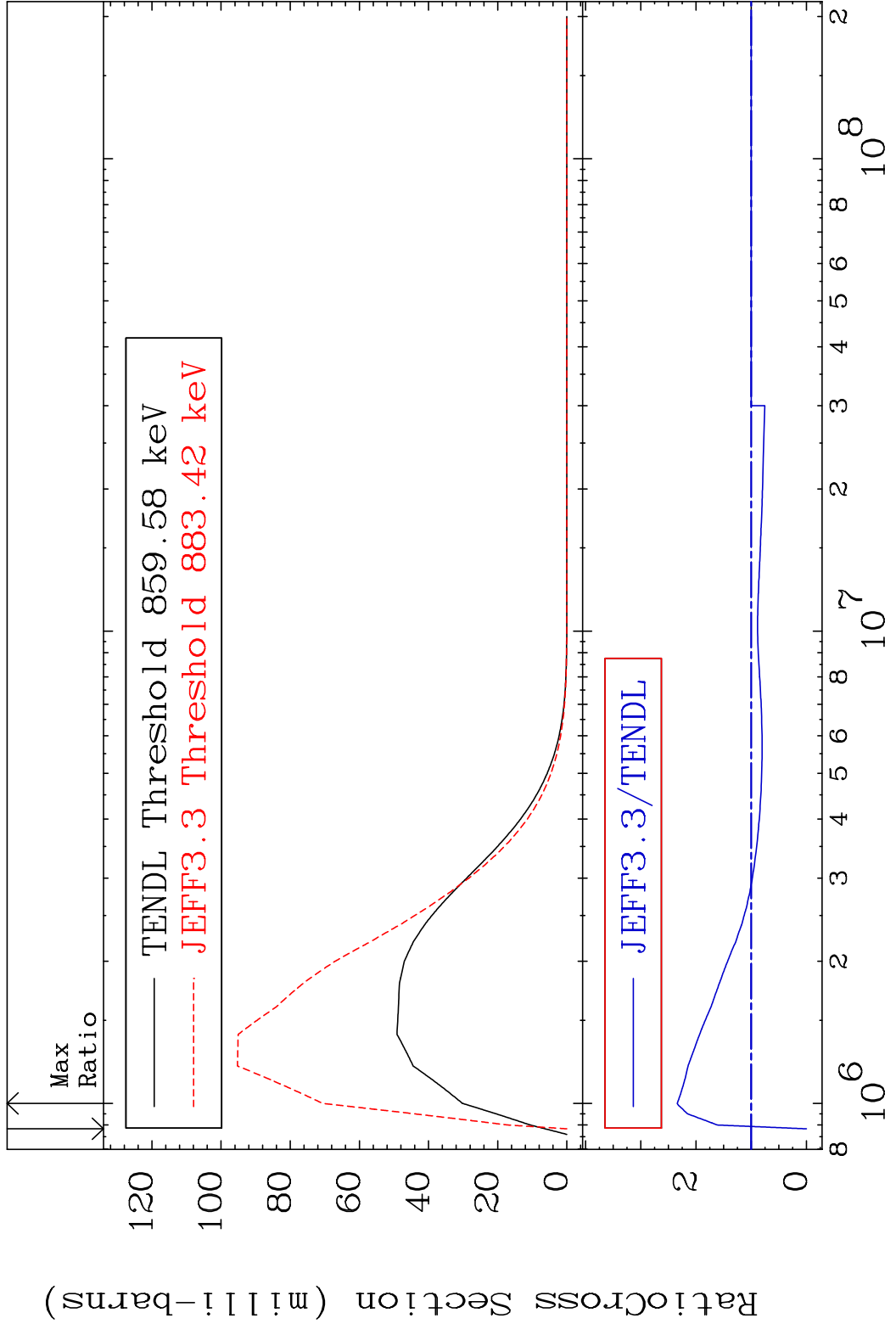


MAT 4513 MT= 57 (n,n') Level 45-Rh-99
 Cross Section -100.0 To 9999. %



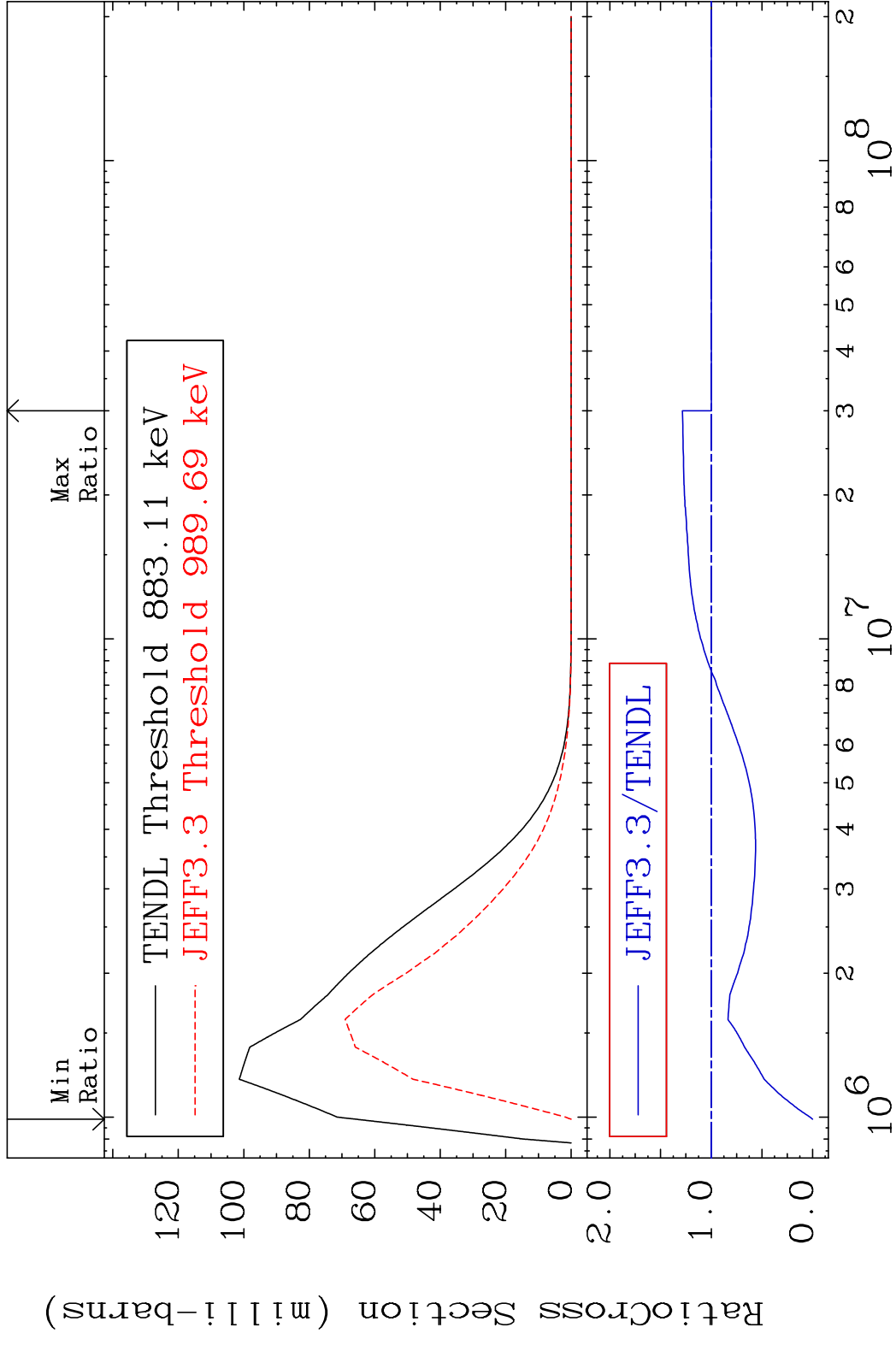
25 Incident Energy (eV) 45-Rh-99

MAT 4513 MT= 58 (n,n') Level 45-Rh-99
 Cross Section -100.0 To 134.0 %

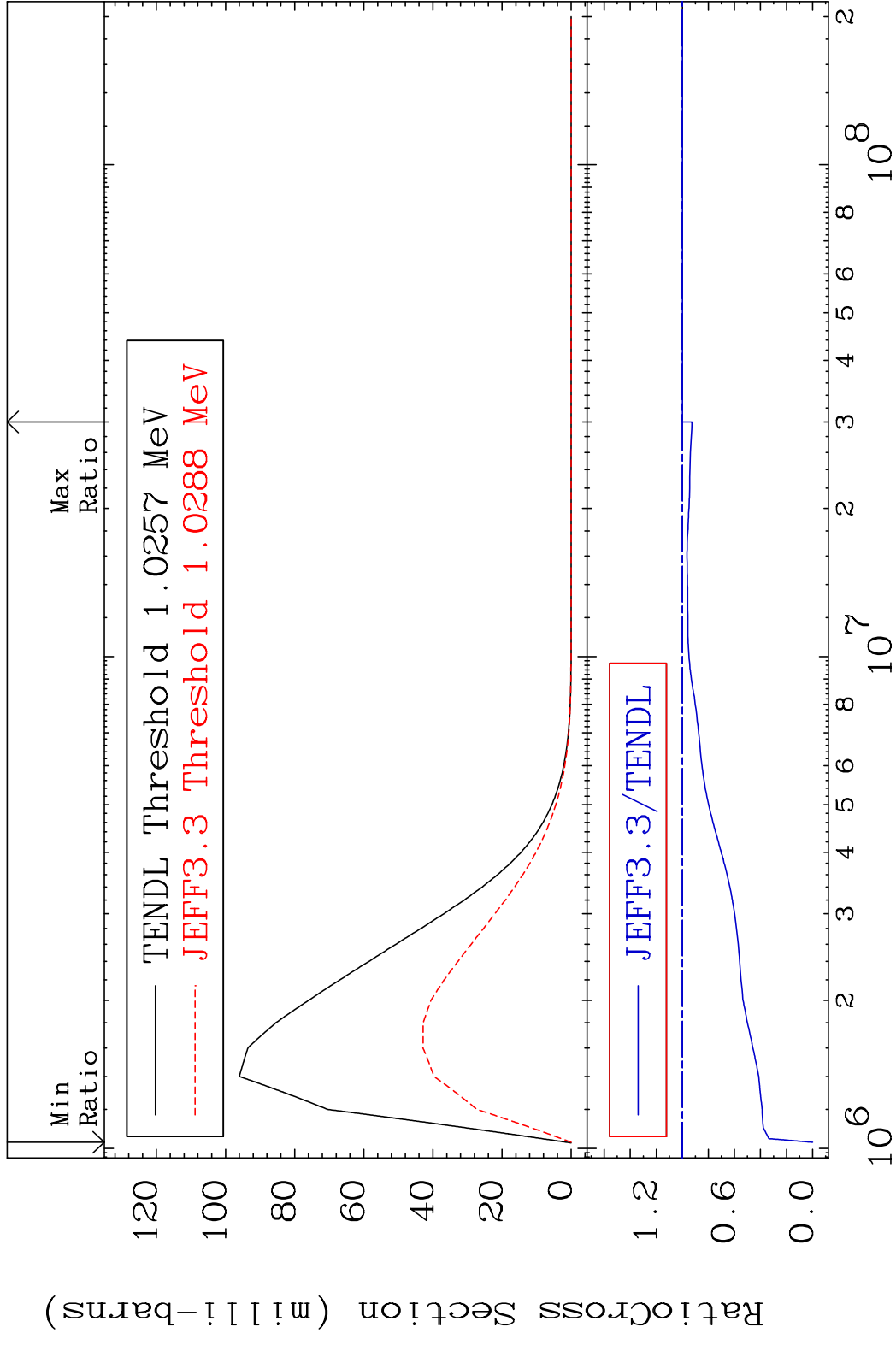


26 Incident Energy (eV) 45-Rh-99

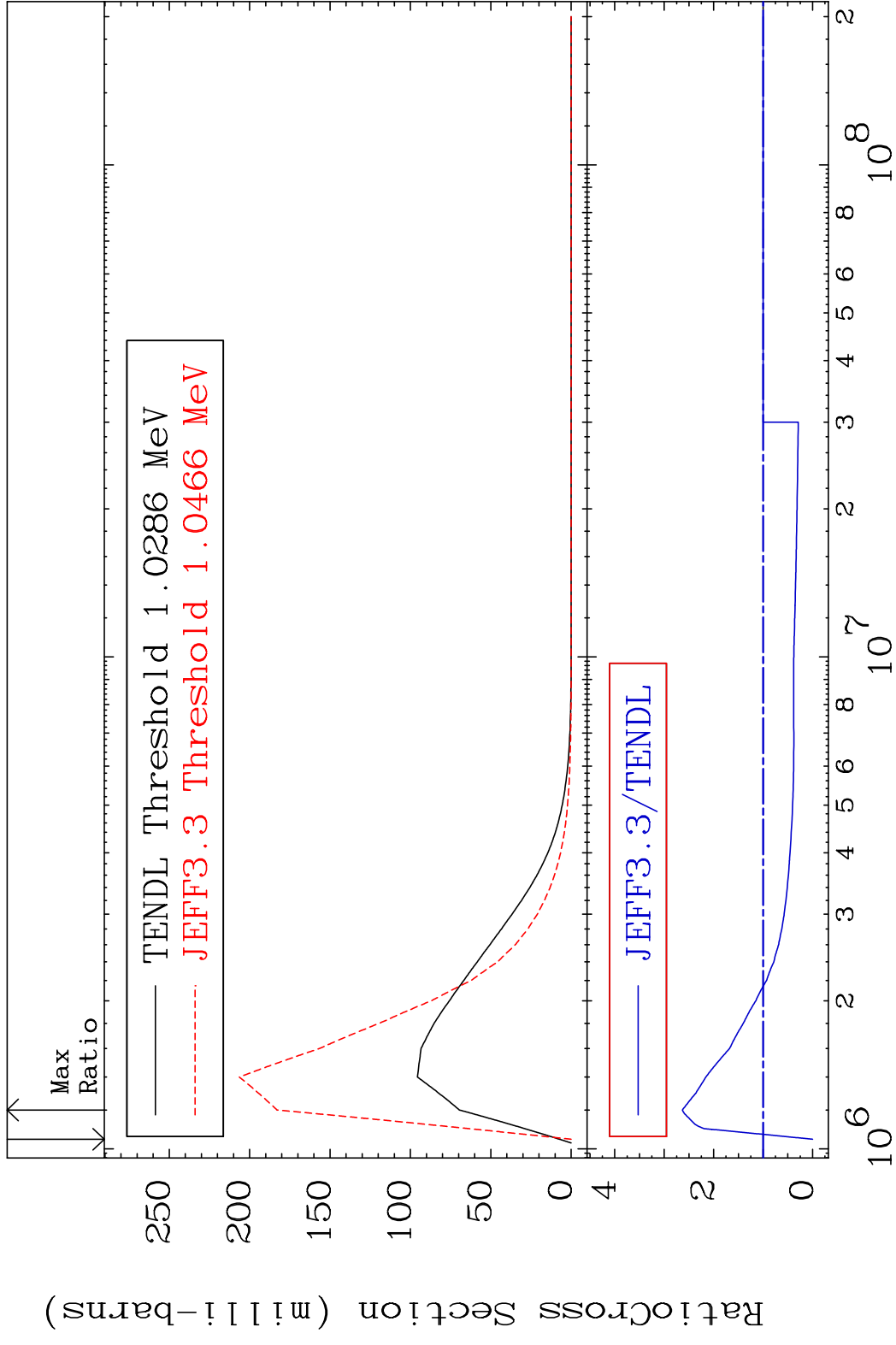
MAT 4513 MT= 59 (n, n') Level 45-Rh-99
 Cross Section -100.0 To 28.52 %



MAT 4513 MT= 61 (n, n') Level 45-Rh-99
 Cross Section -100.0 To 0.000 %

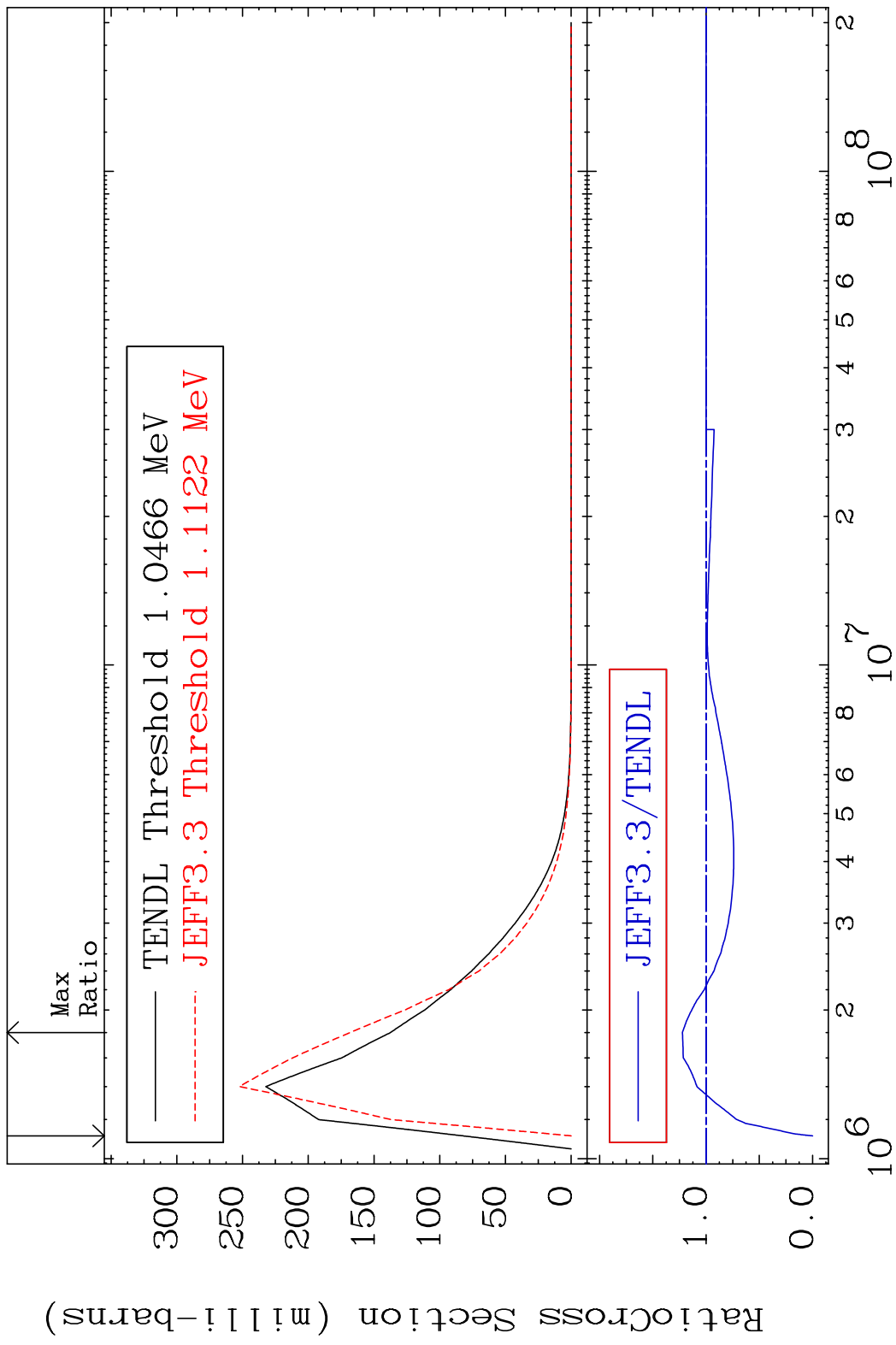


MAT 4513 MT= 62 (n, n') Level 45-Rh-99
 Cross Section -100.0 To 163.3 %

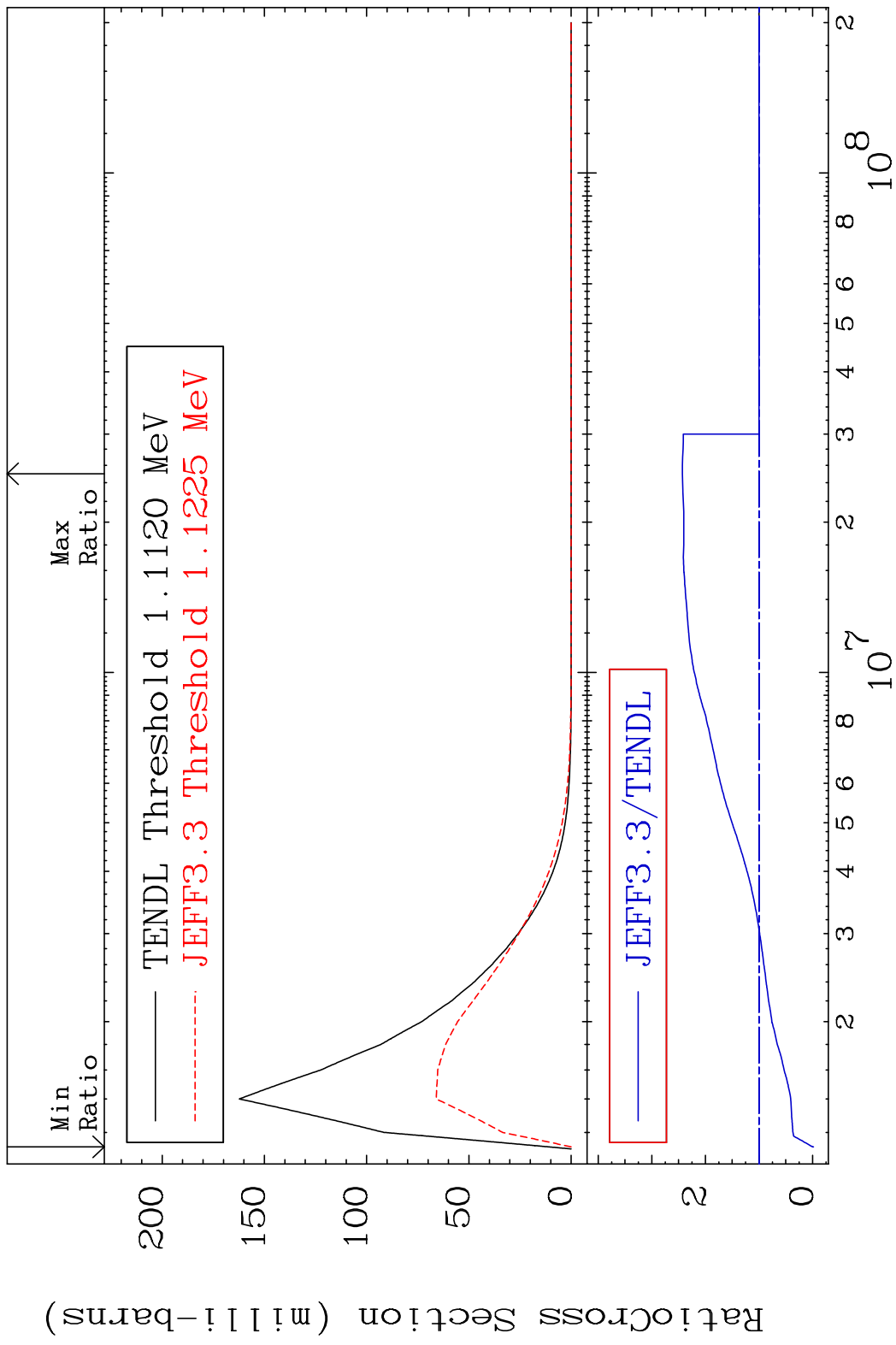


30 Incident Energy (eV) 45-Rh-99

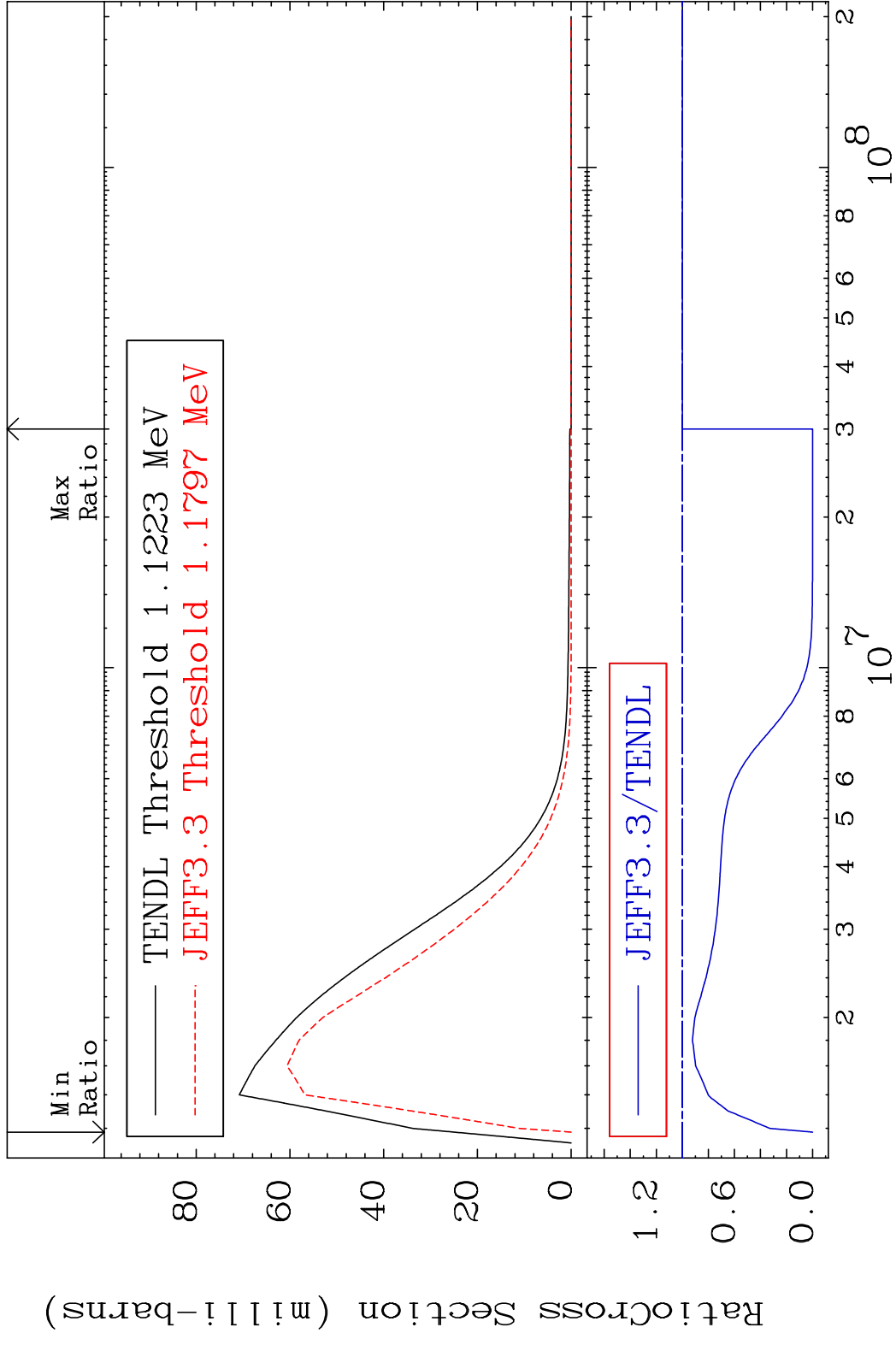
MAT 4513 MT= 63 (n,n') Level 45-Rh-99
 Cross Section -100.0 To 22.29 %



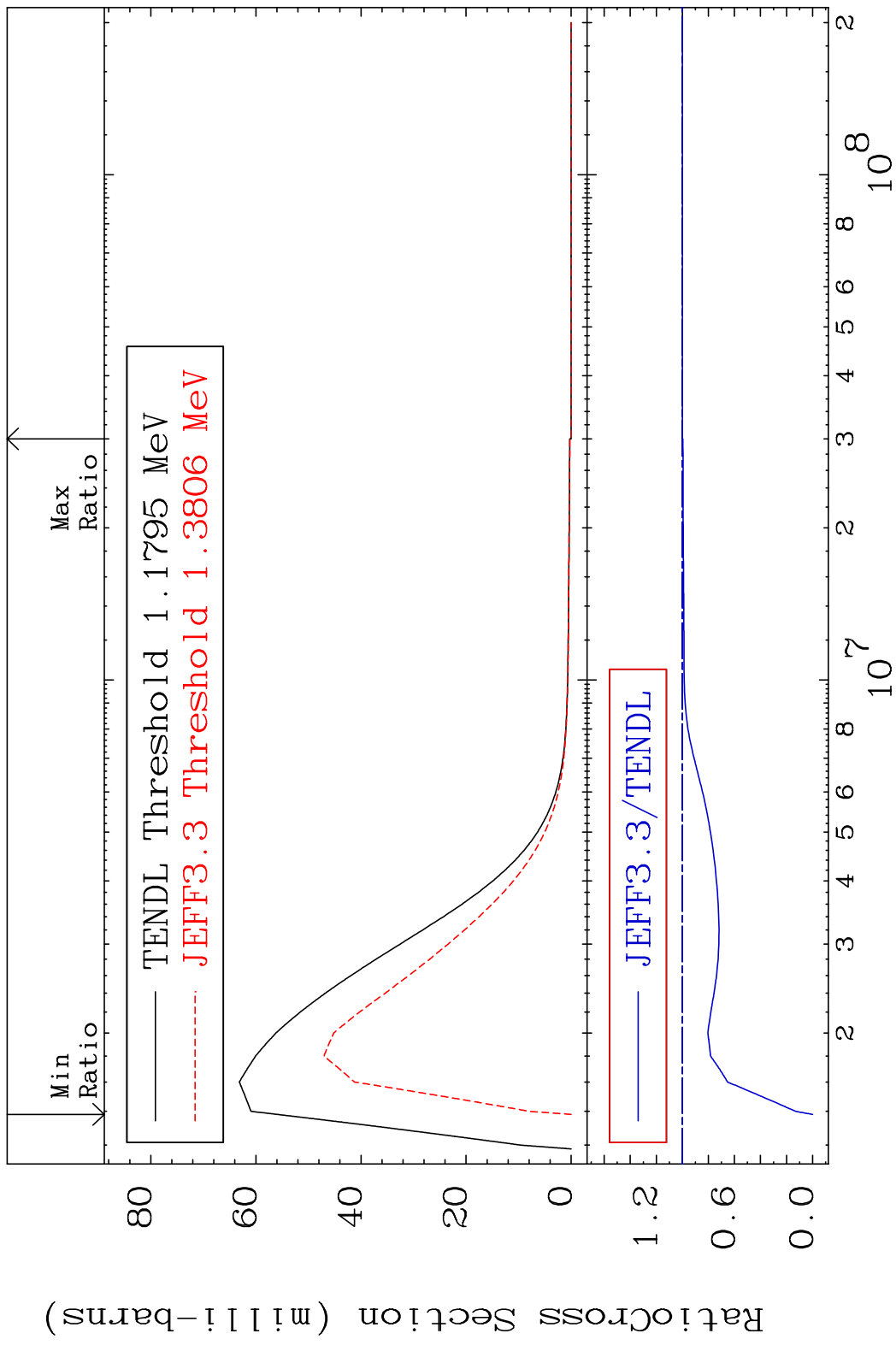
MAT 4513 MT= 64 (n, n') Level 45-Rh-99
 Cross Section -100.0 To 143.0 %



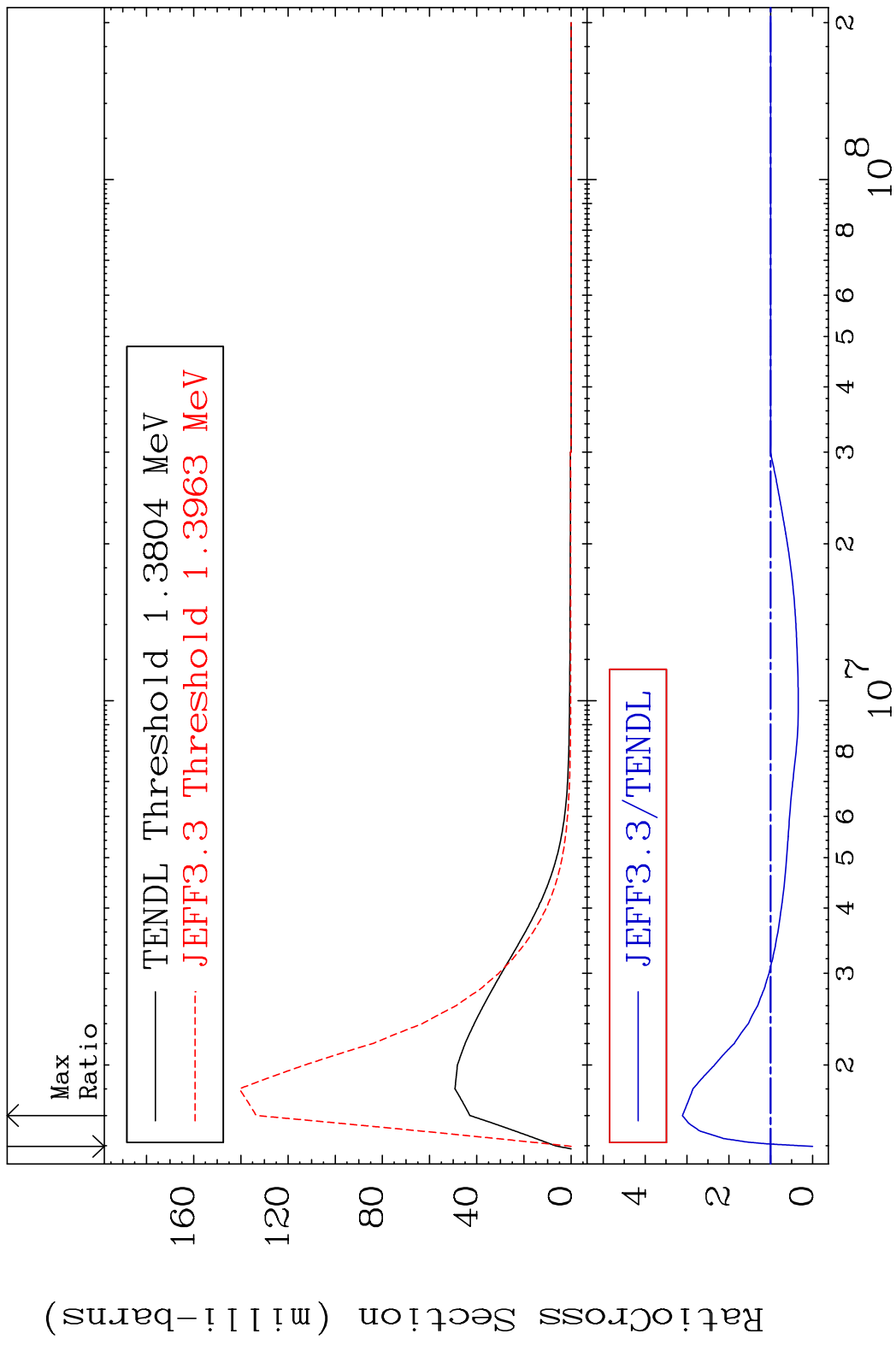
MAT 4513 MT= 65 (n, n') Level 45-Rh-99
 Cross Section -100.0 To 0.000 %



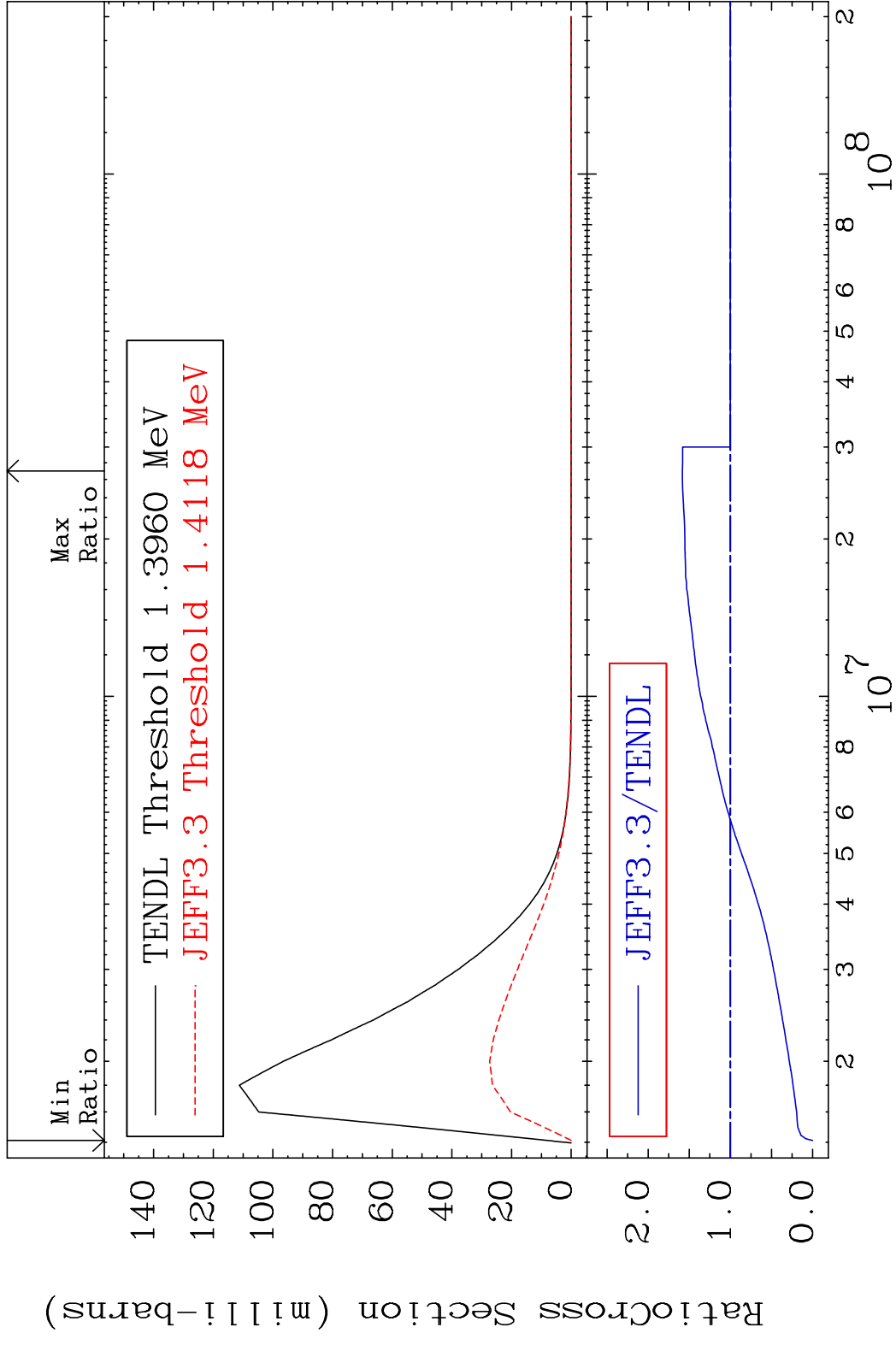
MAT 4513 MT= 66 (n, n') Level 45-Rh-99
 Cross Section -100.0 To 0.000 %



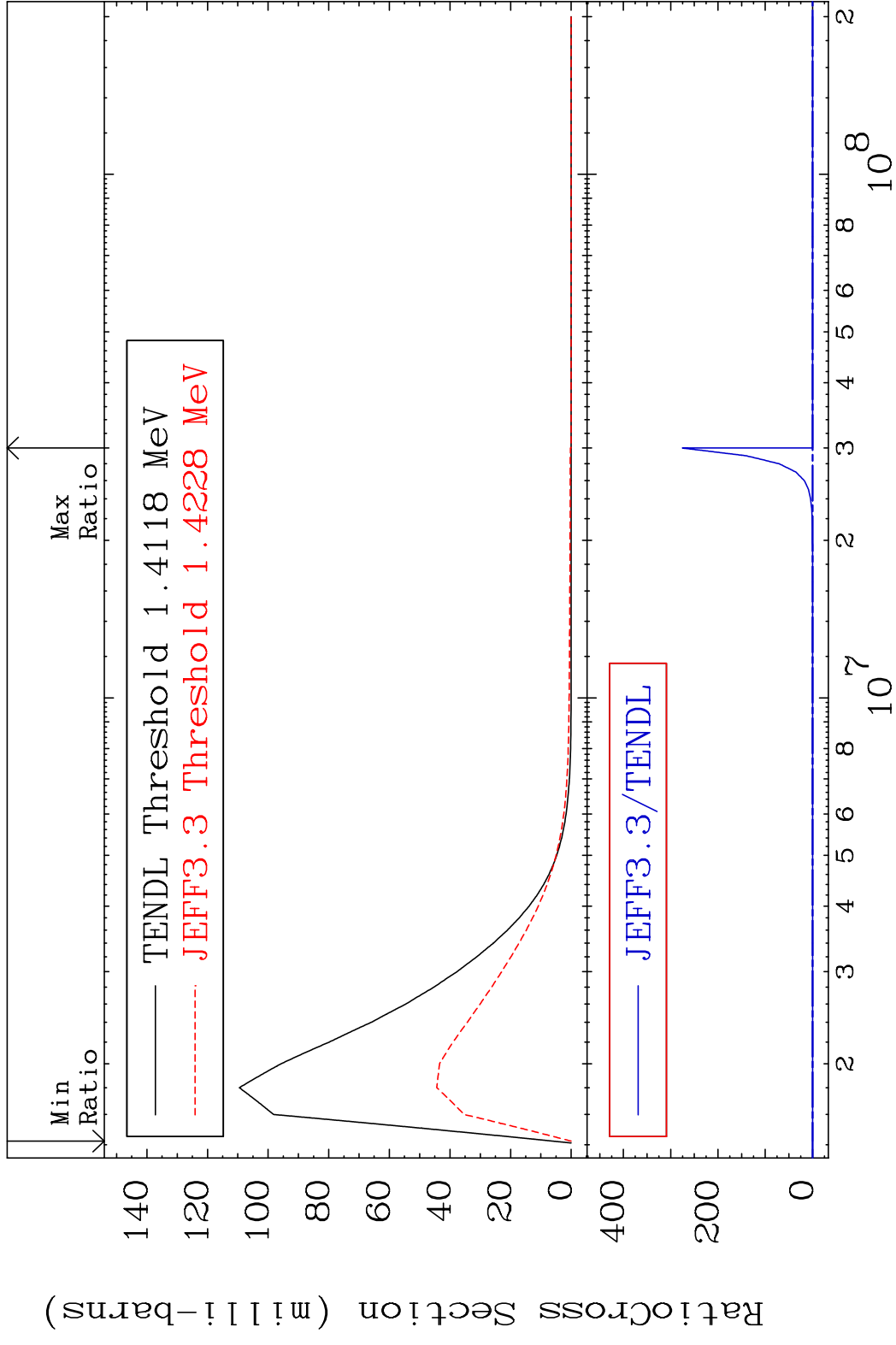
MAT 4513 MT= 67 (n,n') Level 45-Rh-99
 Cross Section -100.0 To 211.0 %



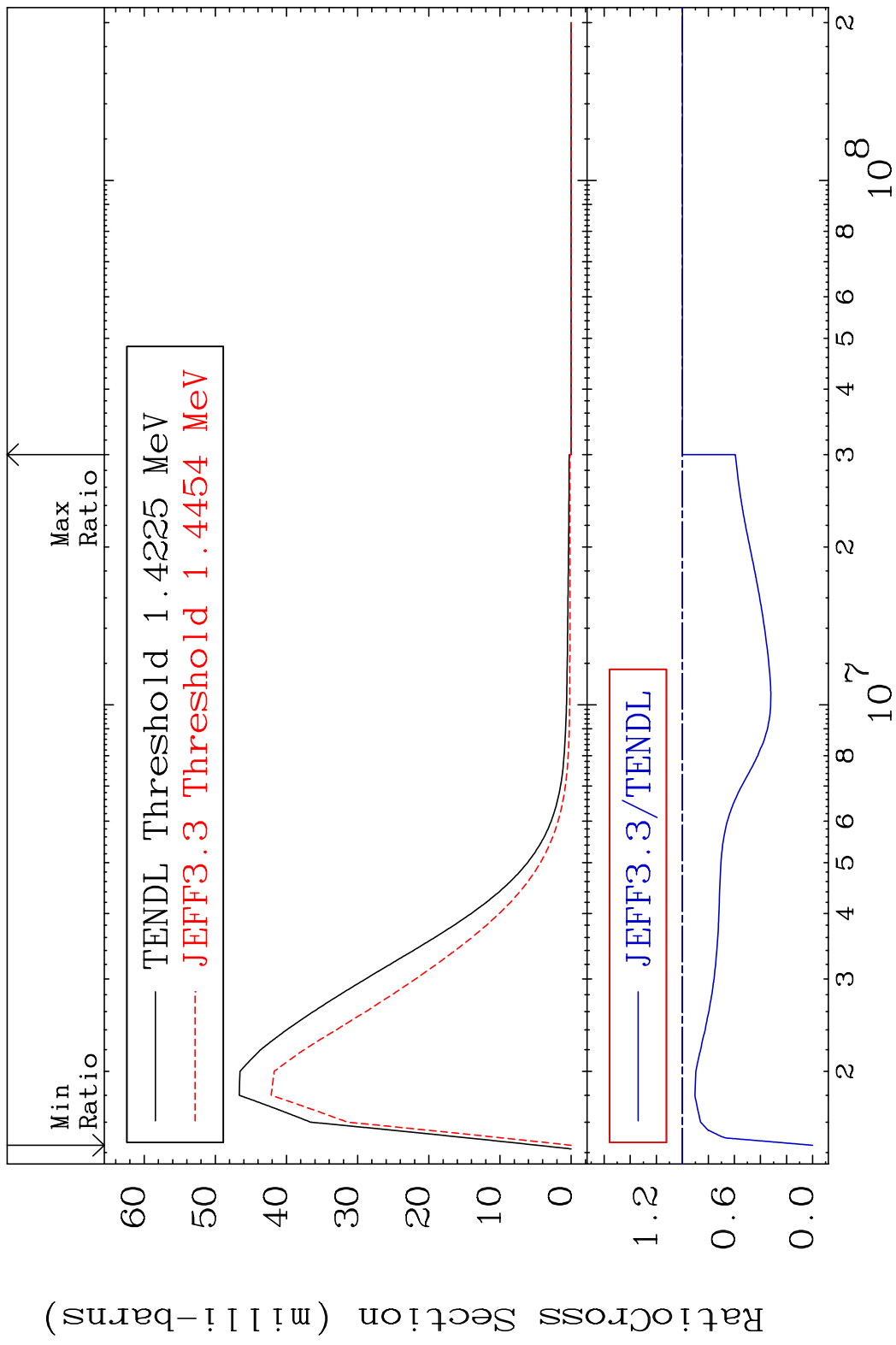
MAT 4513 MT= 68 (n, n') Level 45-Rh-99
 Cross Section -100.0 To 58.46 %



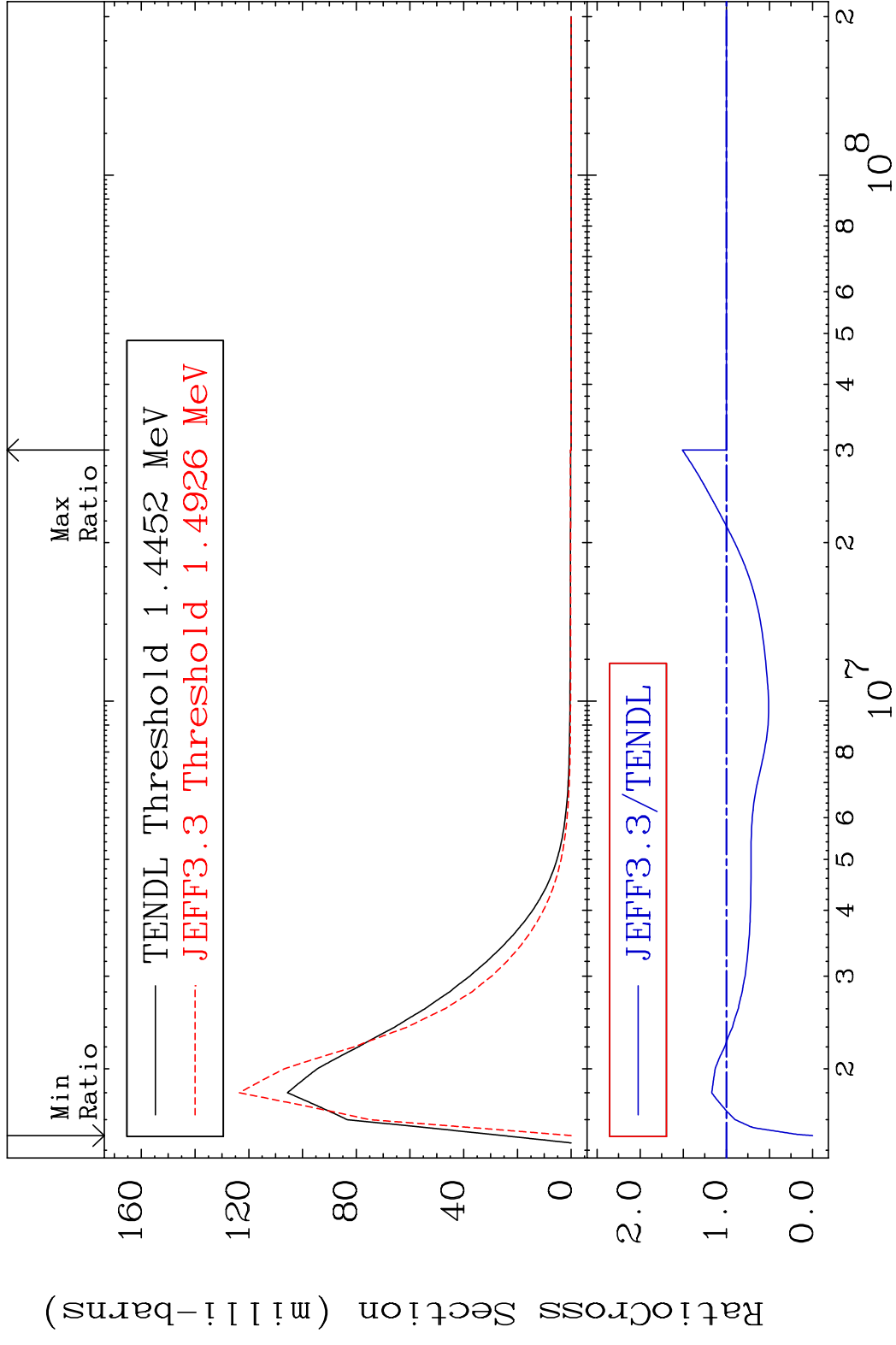
MAT 4513 MT= 69 (n,n') Level 45-Rh-99
 Cross Section -100.0 To 9999. %



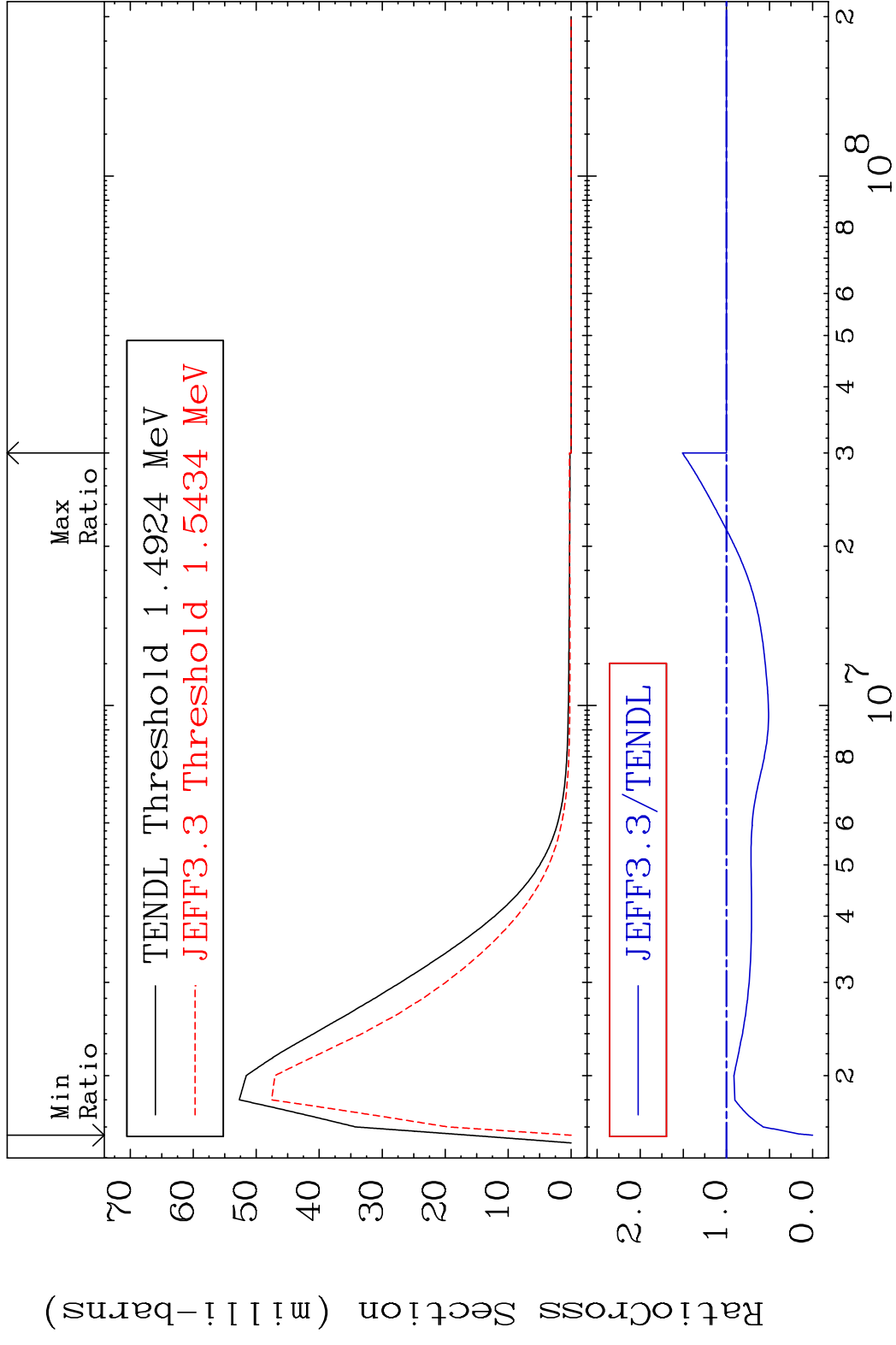
MAT 4513 MT= 70 (n, n') Level 45-Rh-99
 Cross Section -100.0 To 0.000 %



MAT 4513 MT= 71 (n, n') Level 45-Rh-99
 Cross Section -100.0 To 51.07 %

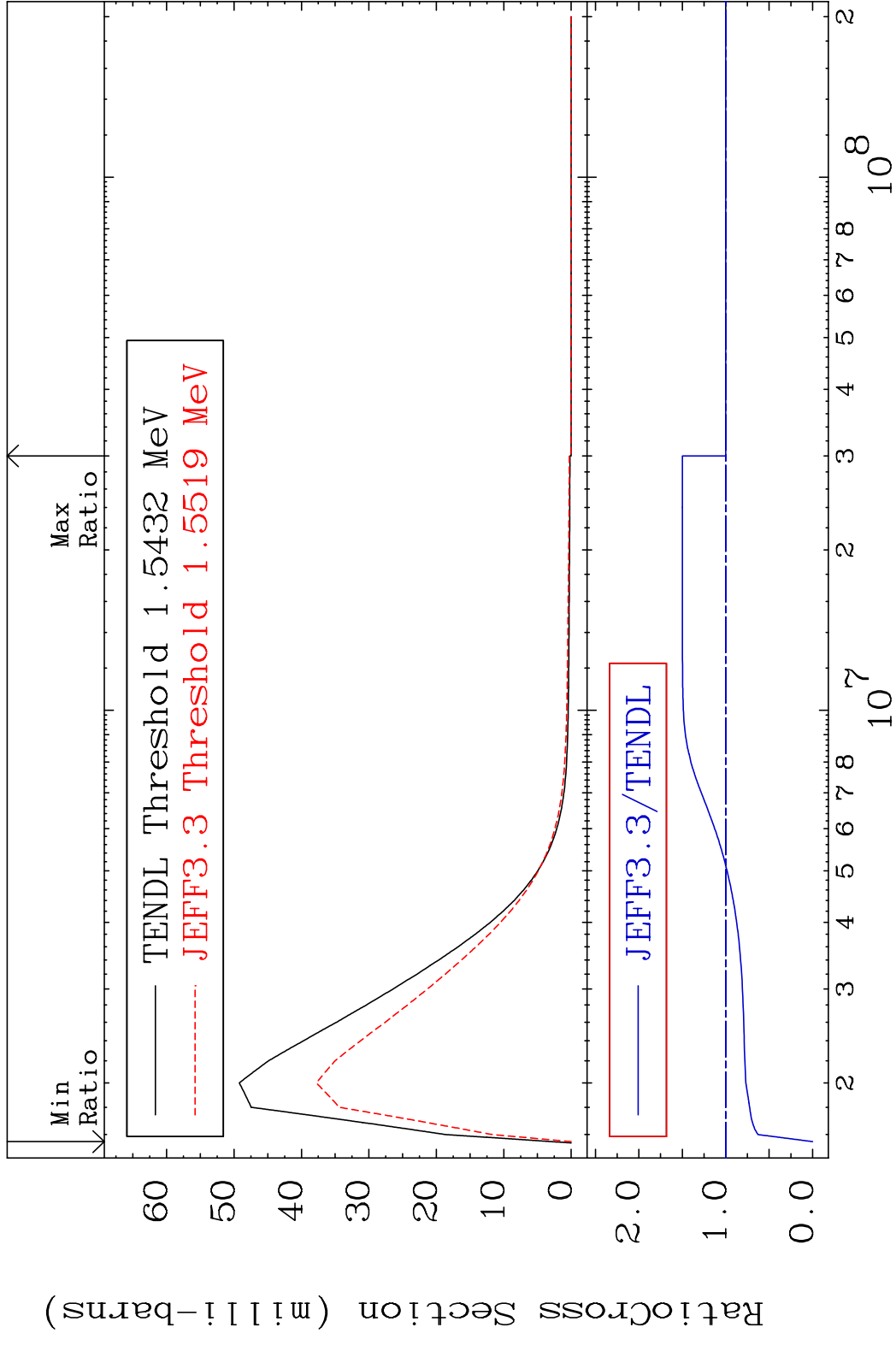


MAT 4513 MT= 72 (n, n') Level 45-Rh-99
 Cross Section -100.0 To 51.11 %

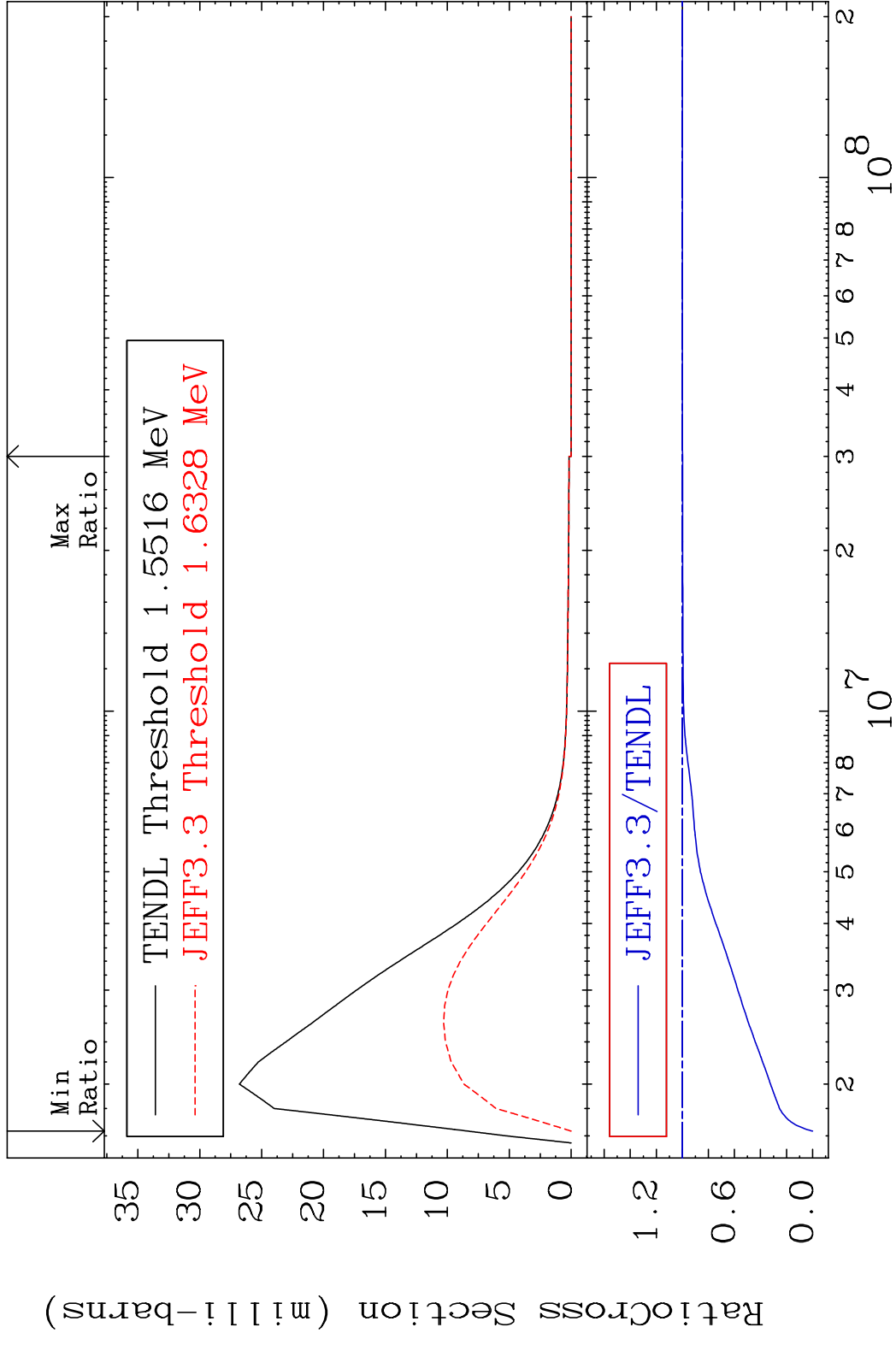


40 Incident Energy (eV) 45-Rh-99

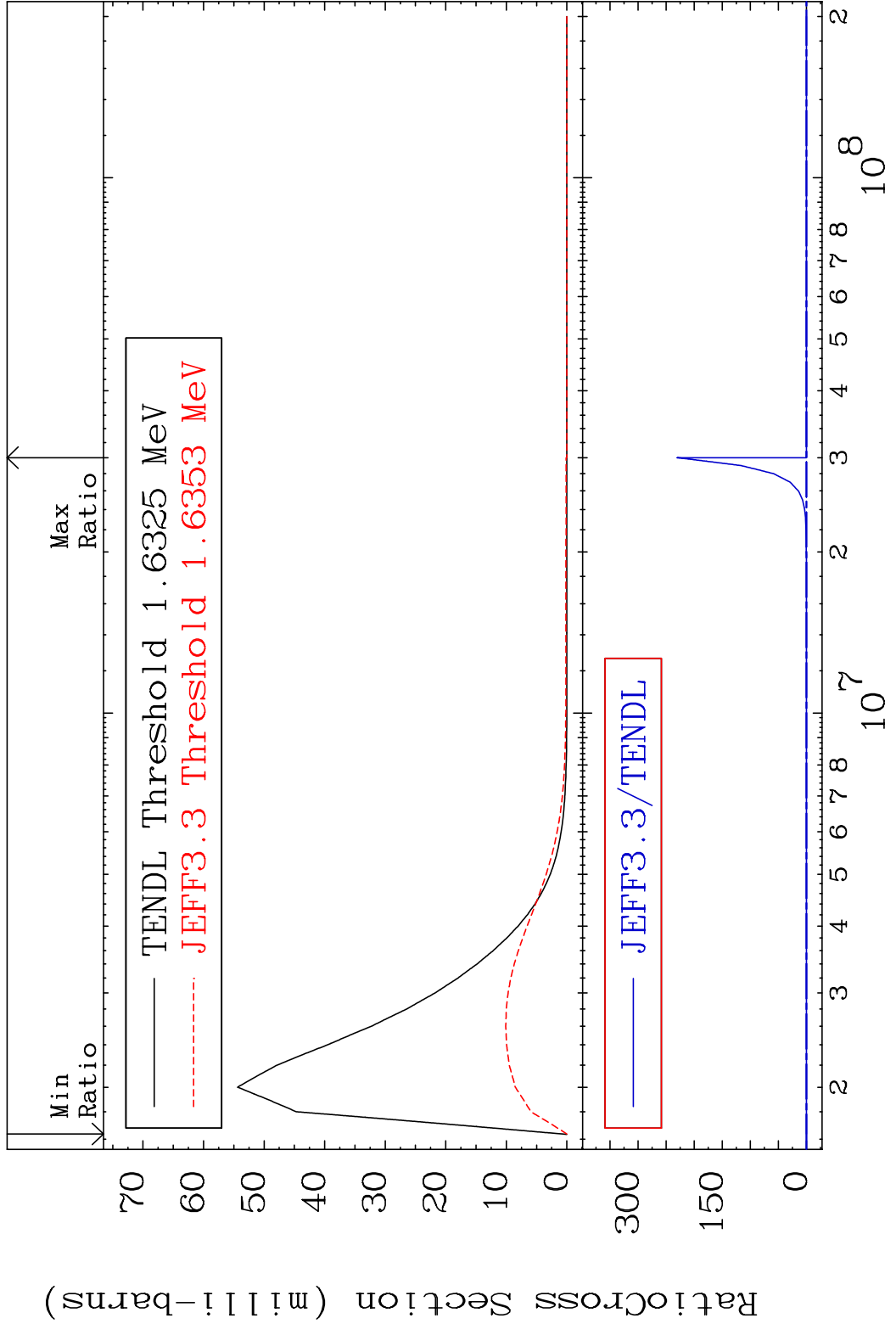
MAT 4513 MT= 73 (n, n') Level 45-Rh-99
 Cross Section -100.0 To 49.91 %



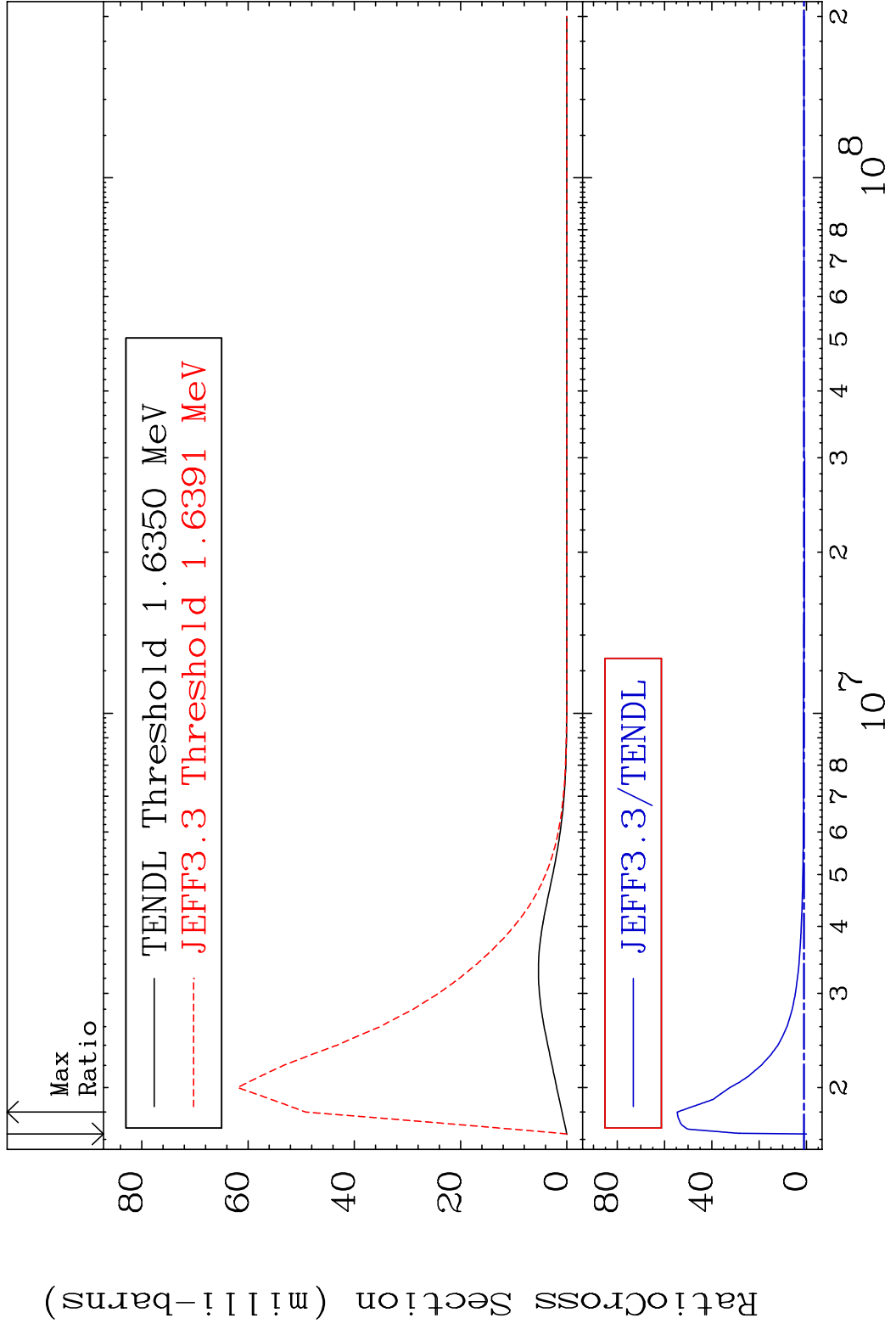
MAT 4513 MT= 74 (n,n') Level 45-Rh-99
 Cross Section -100.0 To 0.000 %



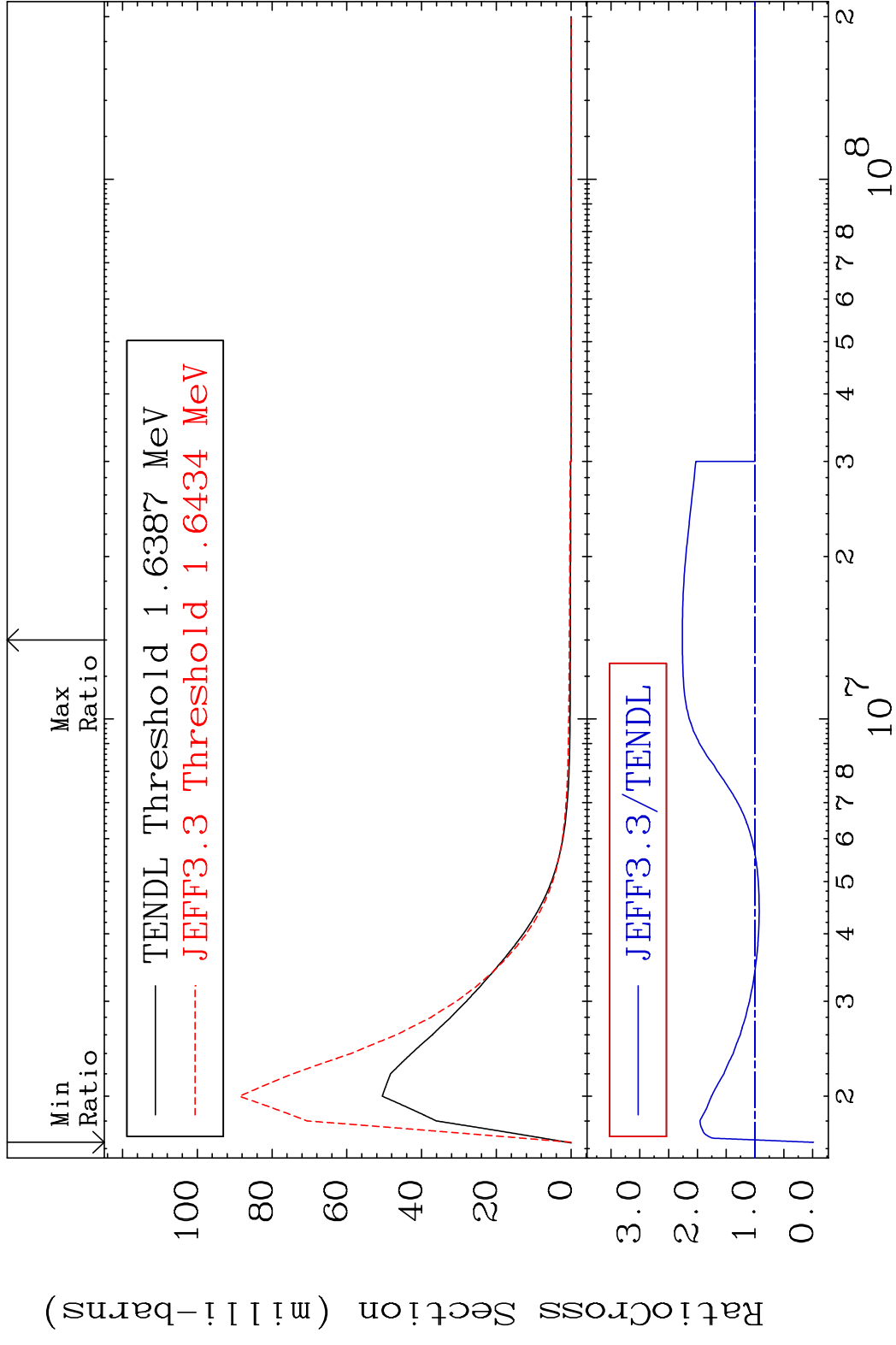
MAT 4513 MT= 75 (n,n') Level 45-Rh-99
 Cross Section -100.0 To 9999. %



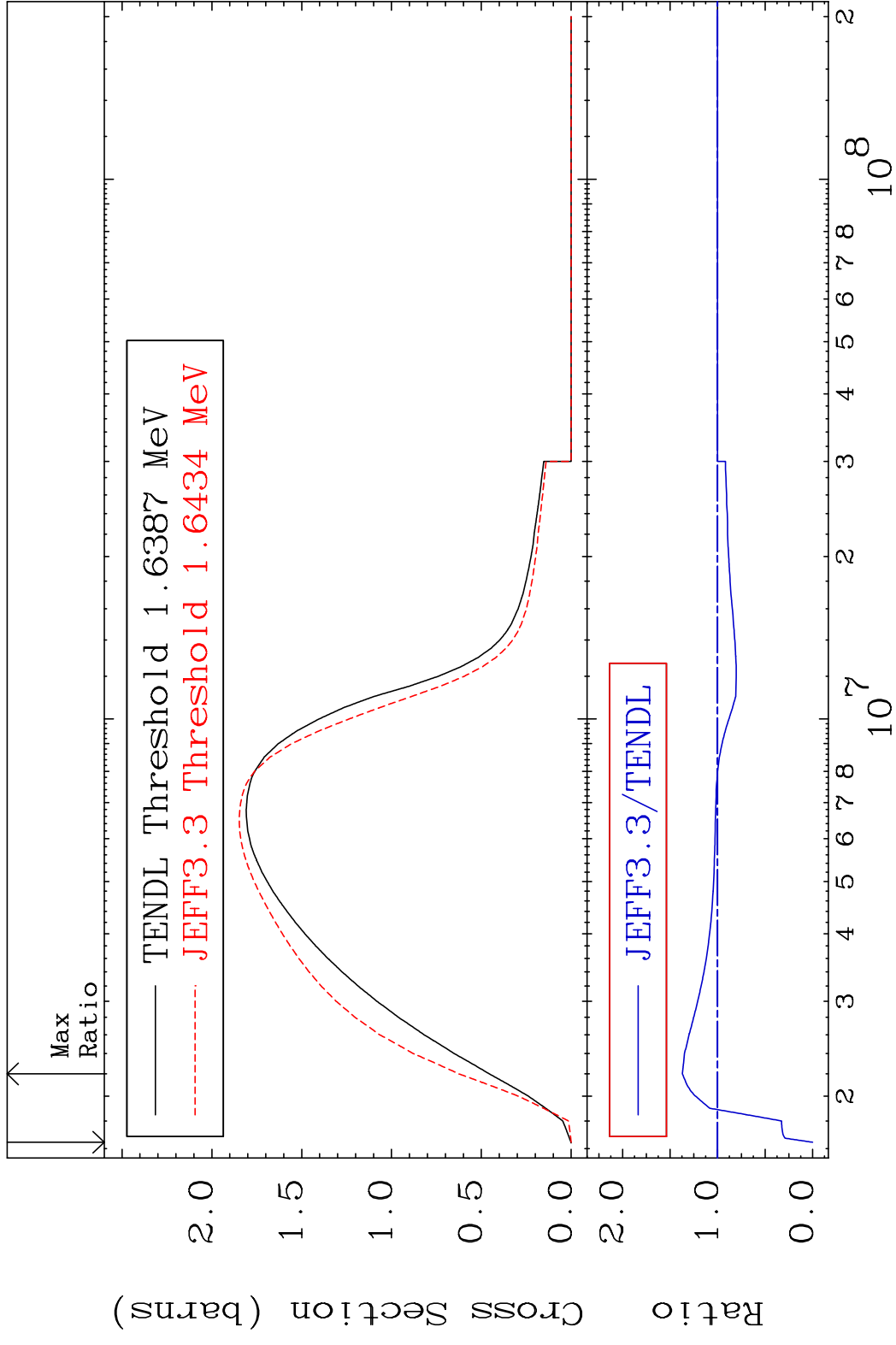
MAT 4513 MT= 76 (n,n') Level 45-Rh-99
 Cross Section -100.0 To 5364. %



MAT 4513 MT= 77 (n, n') Level 45-Rh-99
 Cross Section -100.0 To 126.1 %

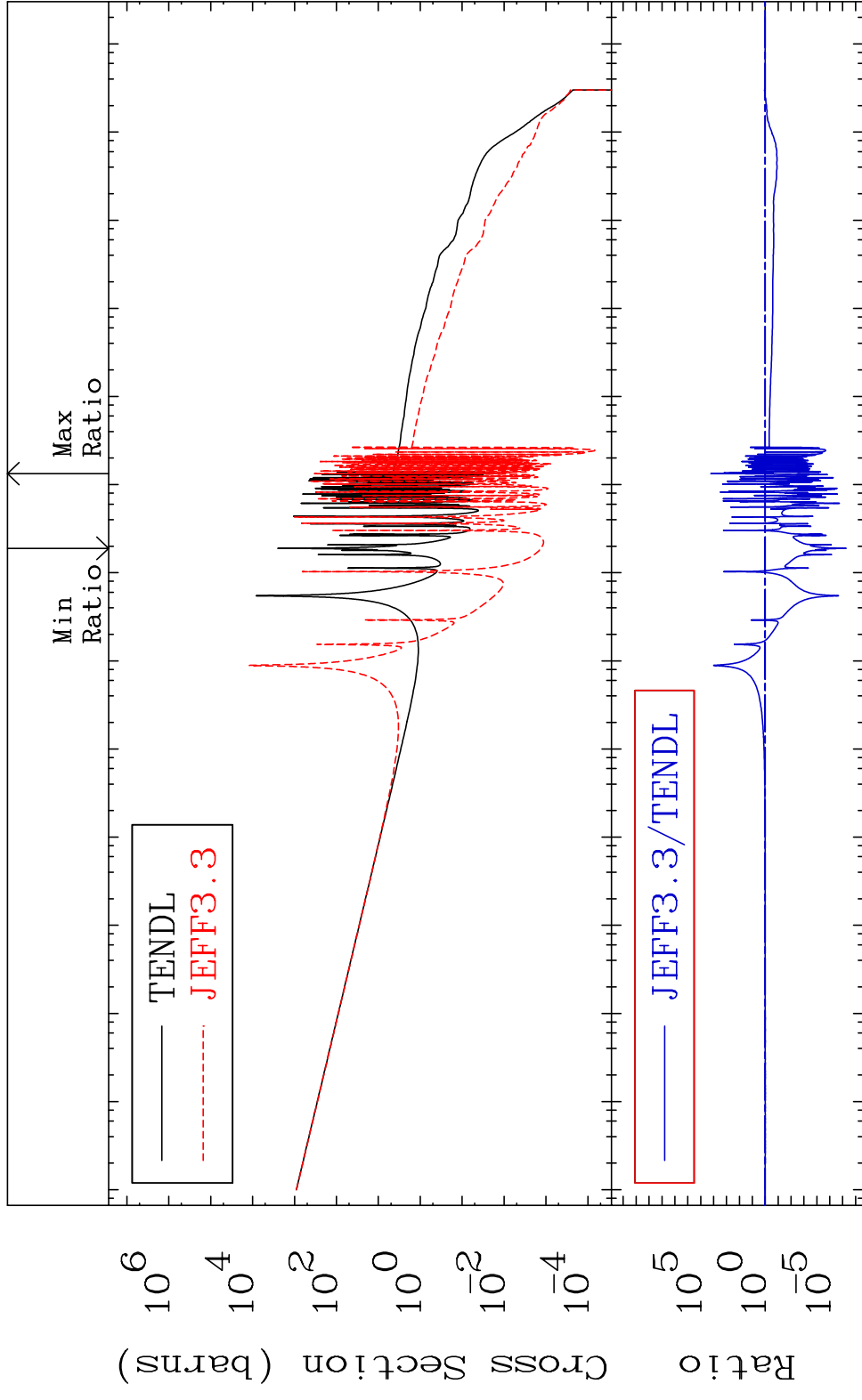


MAT 4513 (n, n') Continuum 45-Rh-99
 Cross Section -100.0 To 37.13 %



MAT 4513

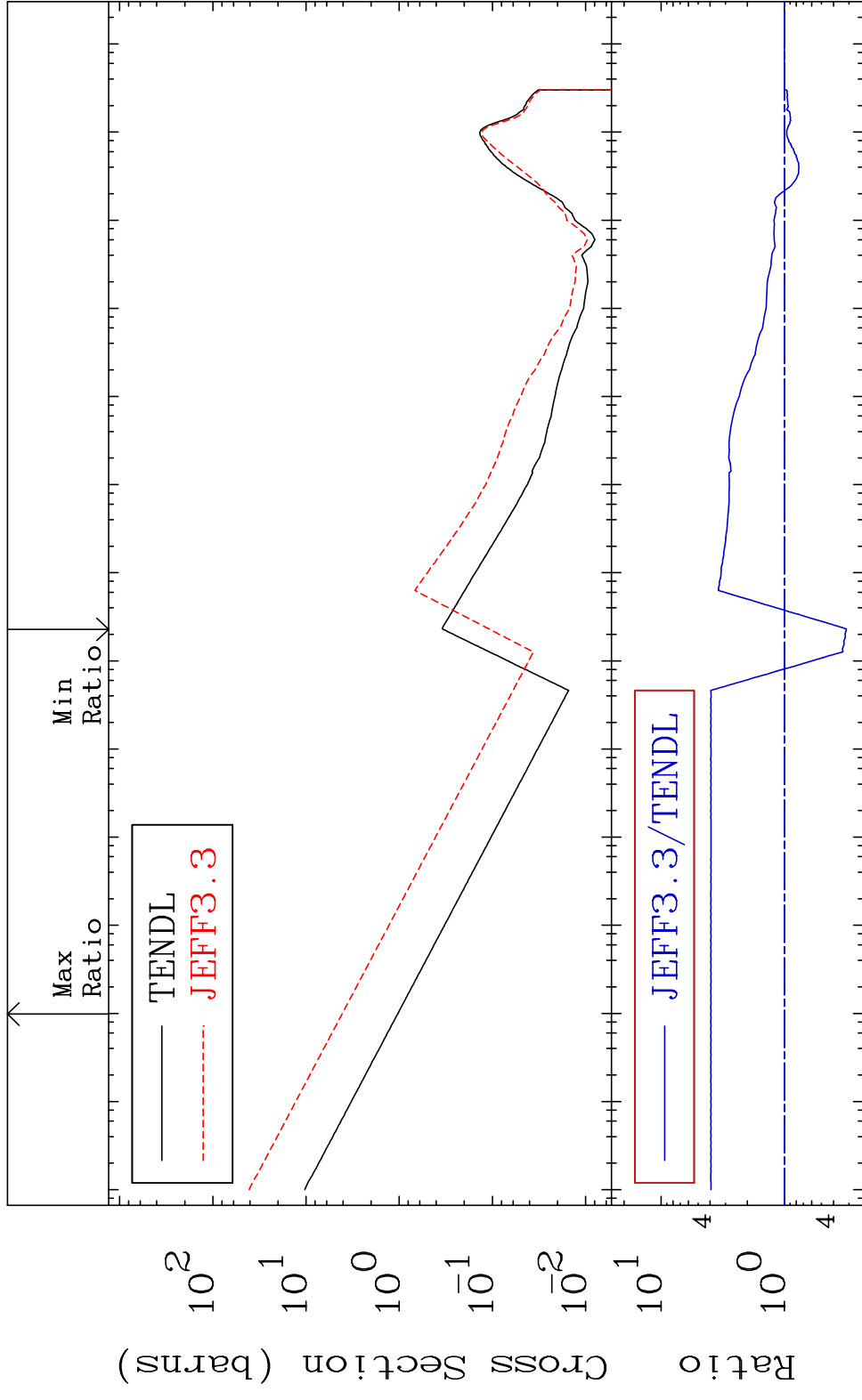
(n, γ)
Cross Section -100.0 To 9999. %
45-Rh-99



47

Incident Energy (eV) 45-Rh-99

MAT 4513 (n,p) Cross Section -68.54 To 295.8 % 45-Rh-99



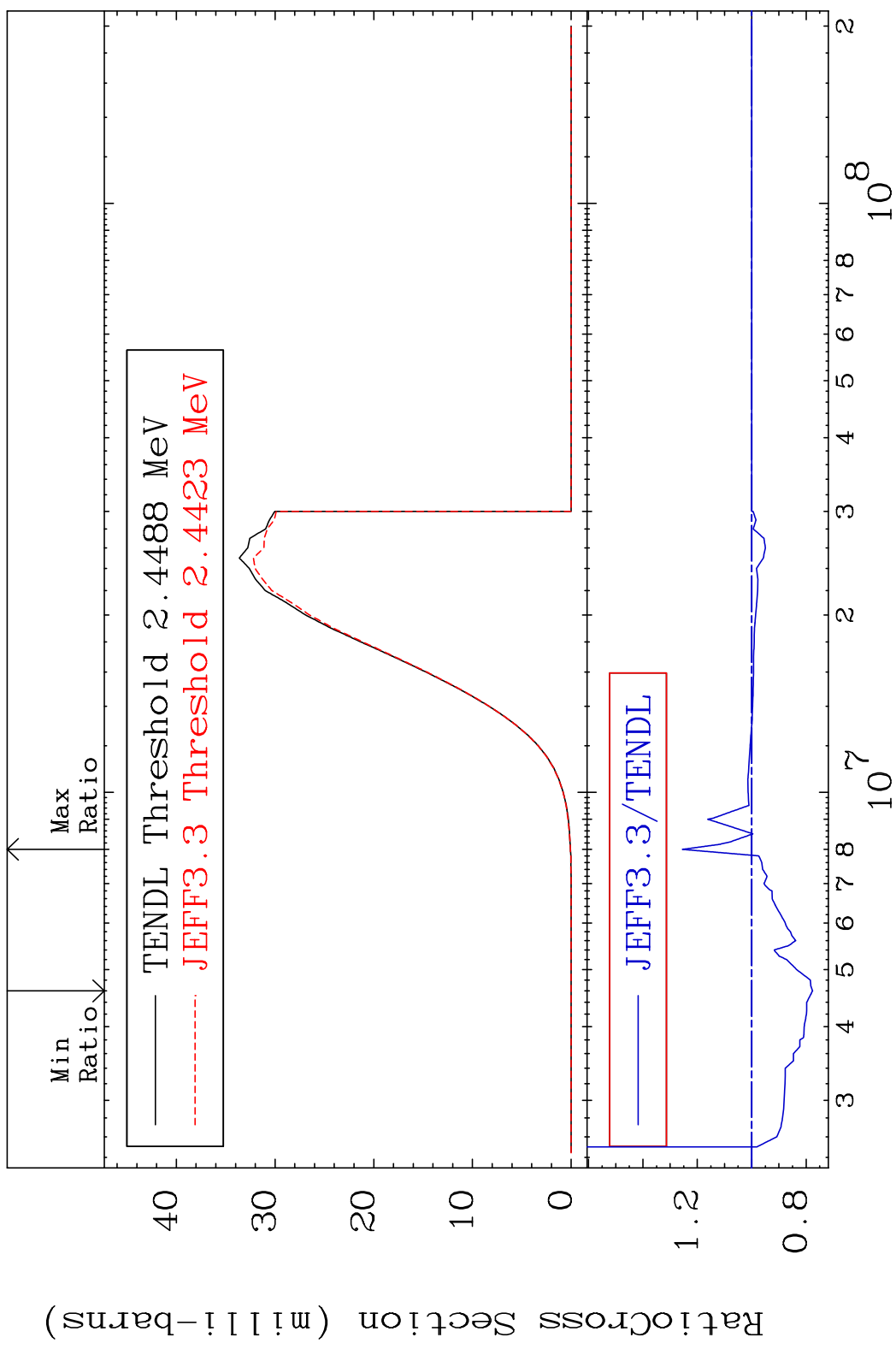
48 Incident Energy (eV) 45-Rh-99

MAT 4513

(n, d)

45-Rh-99

Cross Section -22.36 To 25.50 %



49

Incident Energy (eV)

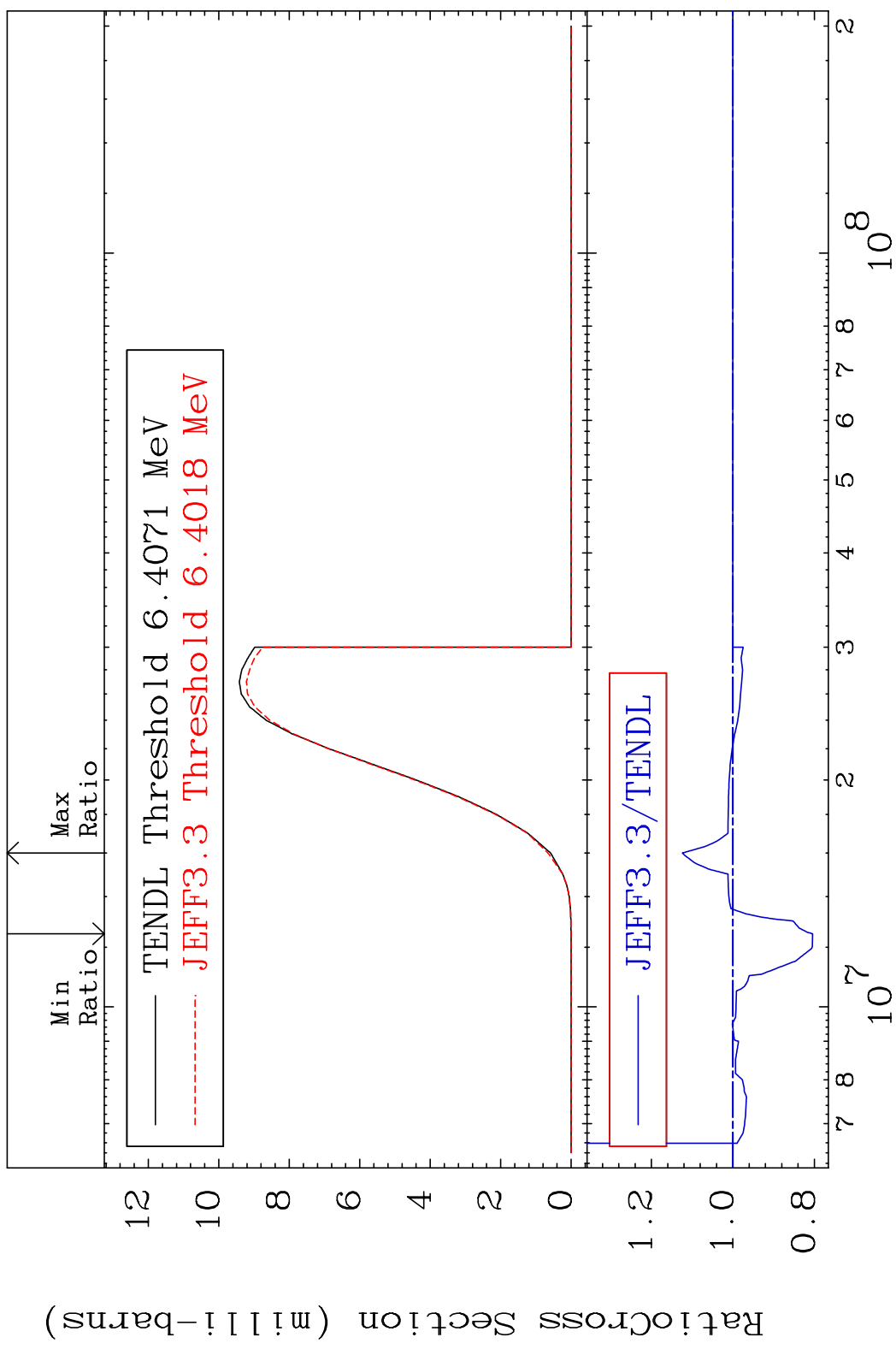
45-Rh-99

MAT 4513

(n, t)

45-Rh-99

Cross Section -19.56 To 12.40 %



50

Incident Energy (eV)

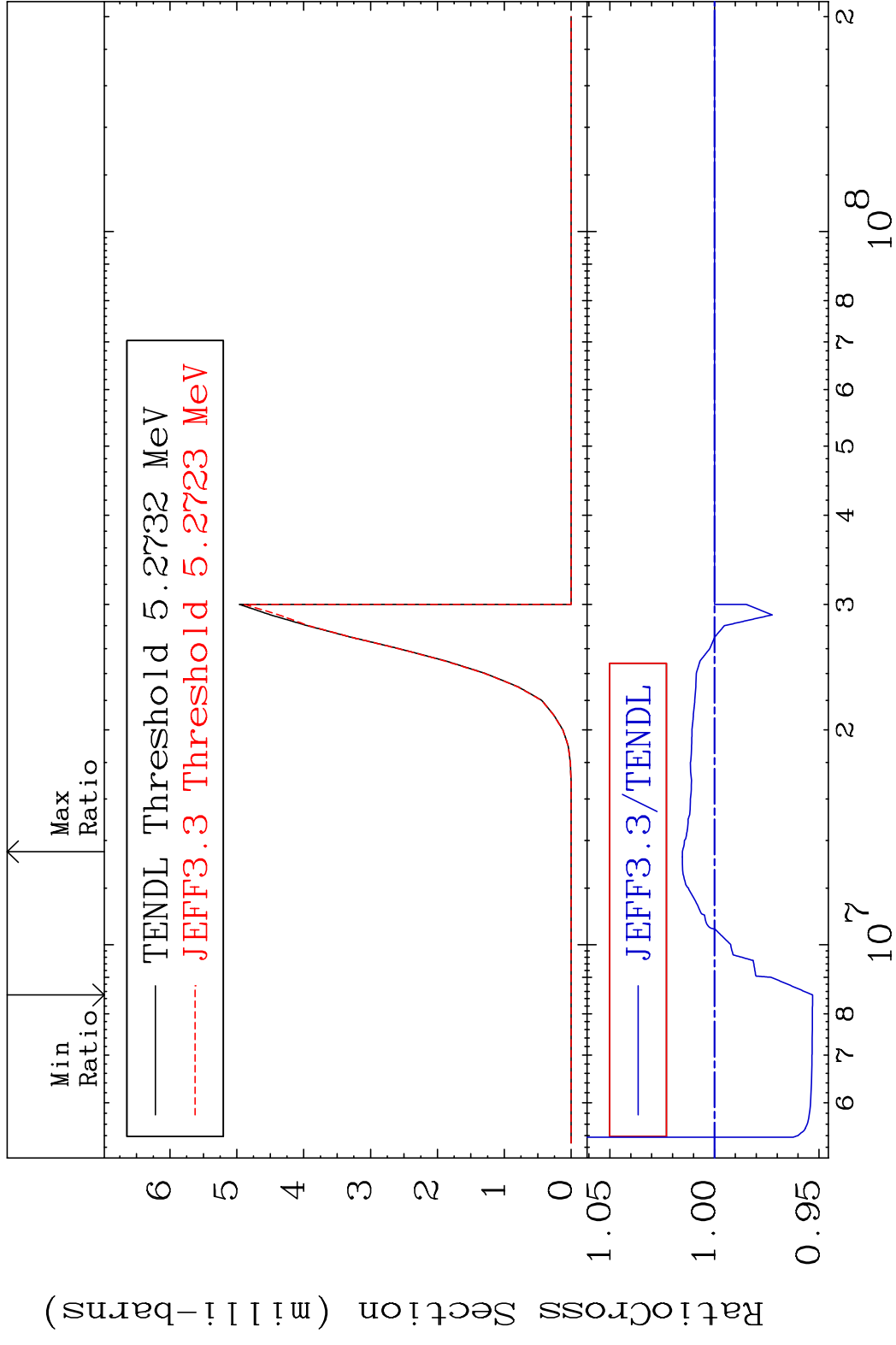
45-Rh-99

MAT 4513

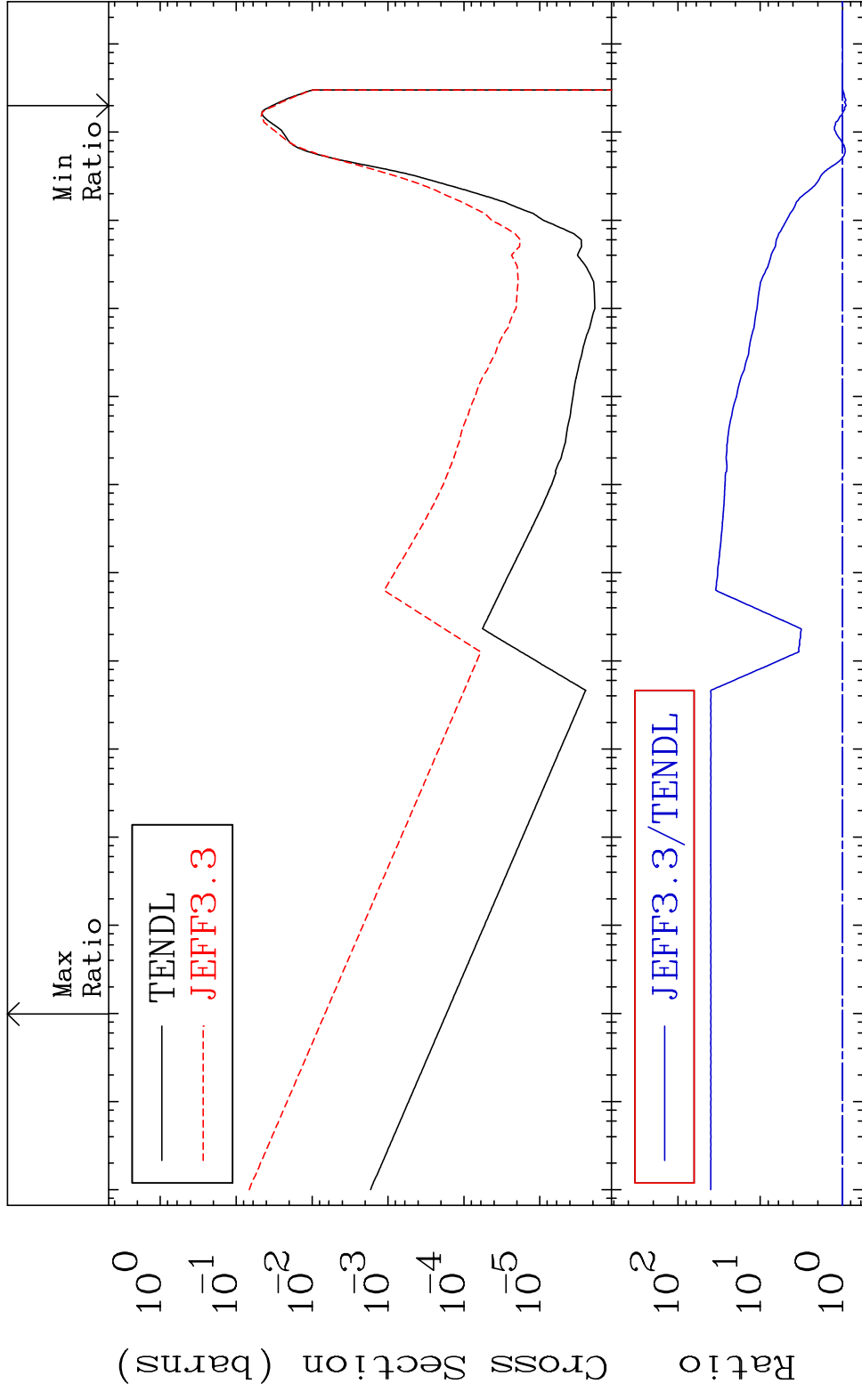
(n, He-3)

45-Rh-99

Cross Section -4.692 To 1.535 %



MAT 4513 (n, α) 45-Rh-99
 Cross Section -10.00 To 3900. %



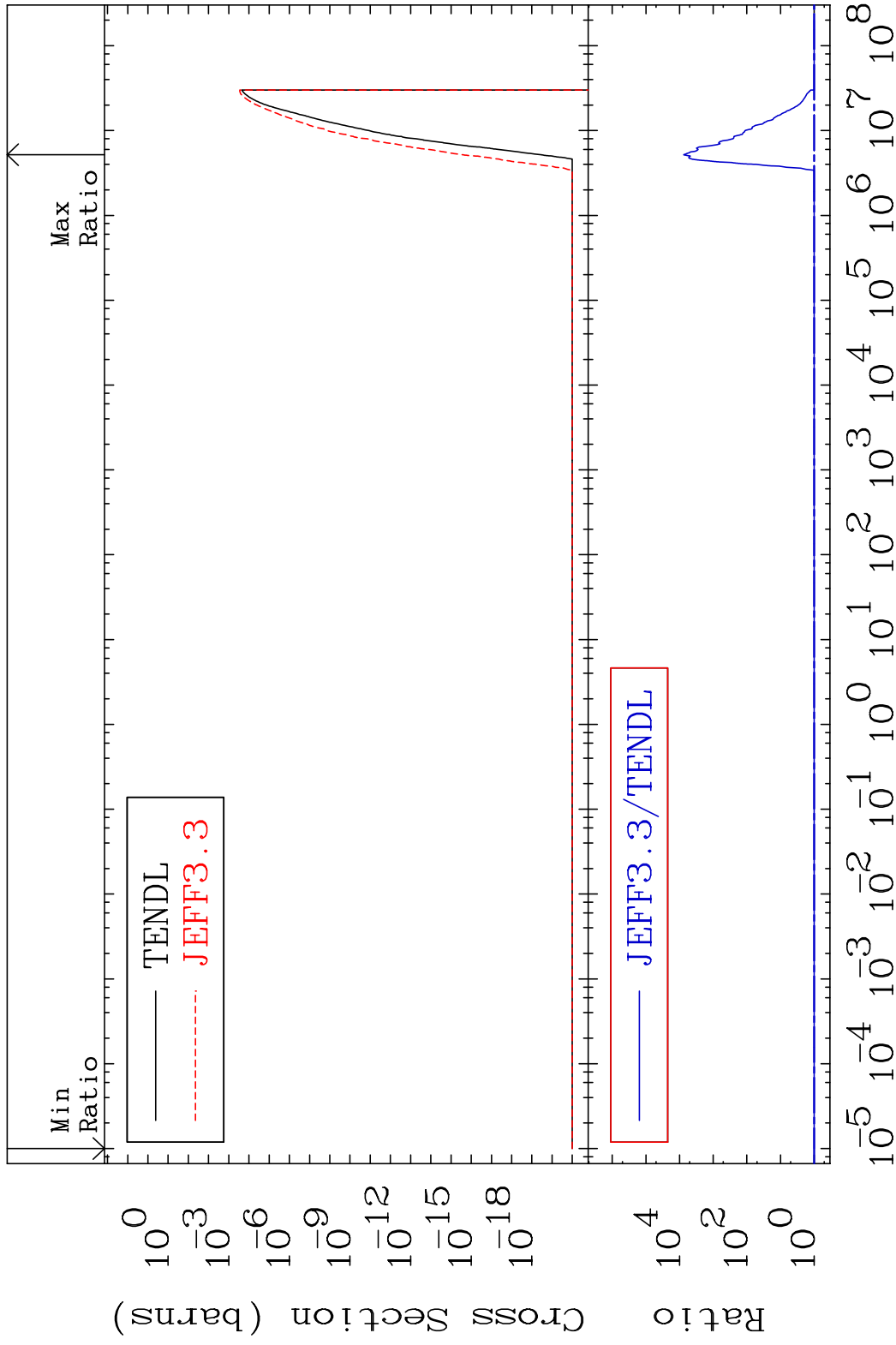
52 Incident Energy (eV) 45-Rh-99

MAT 4513

(n,2α)

45-Rh-99

Cross Section 0.000 To 9999. %



53

Incident Energy (eV)

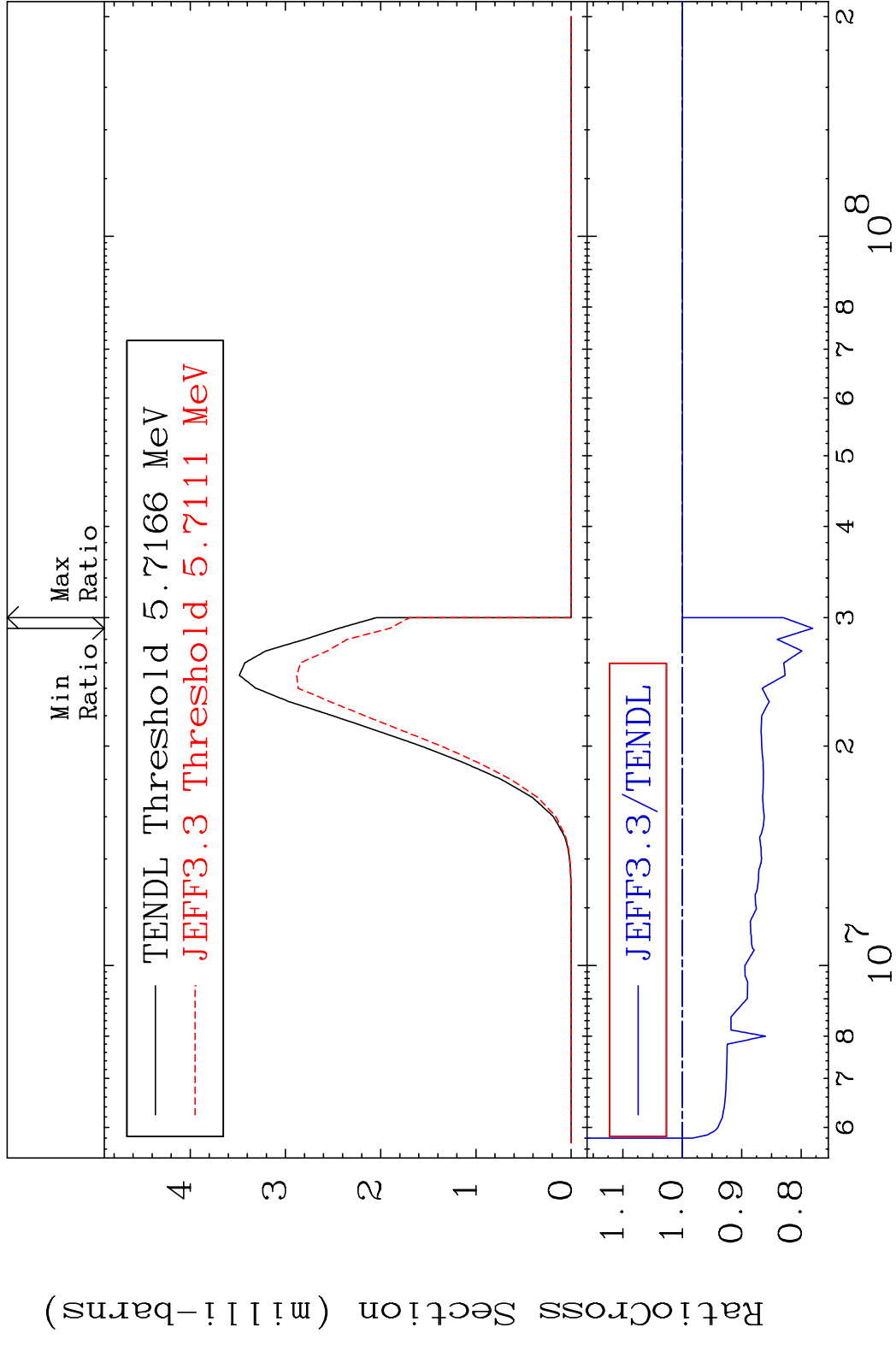
45-Rh-99

MAT 4513

(n,2p)

45-Rh-99

Cross Section -21.92 To 0.000 %



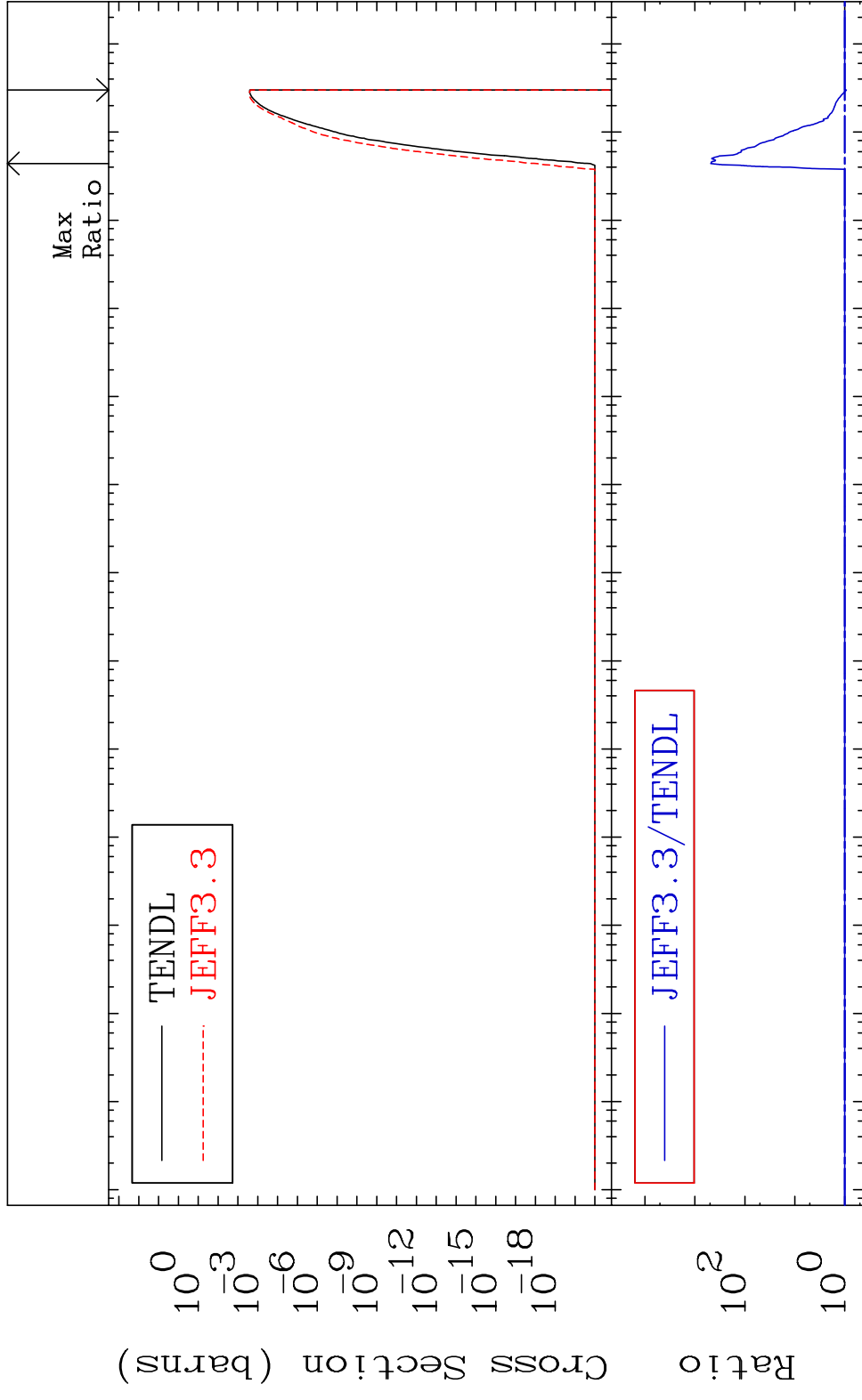
MAT 4513

(n,p) α

45-Rh-99

Cross Section

-6.659 To 9999. %

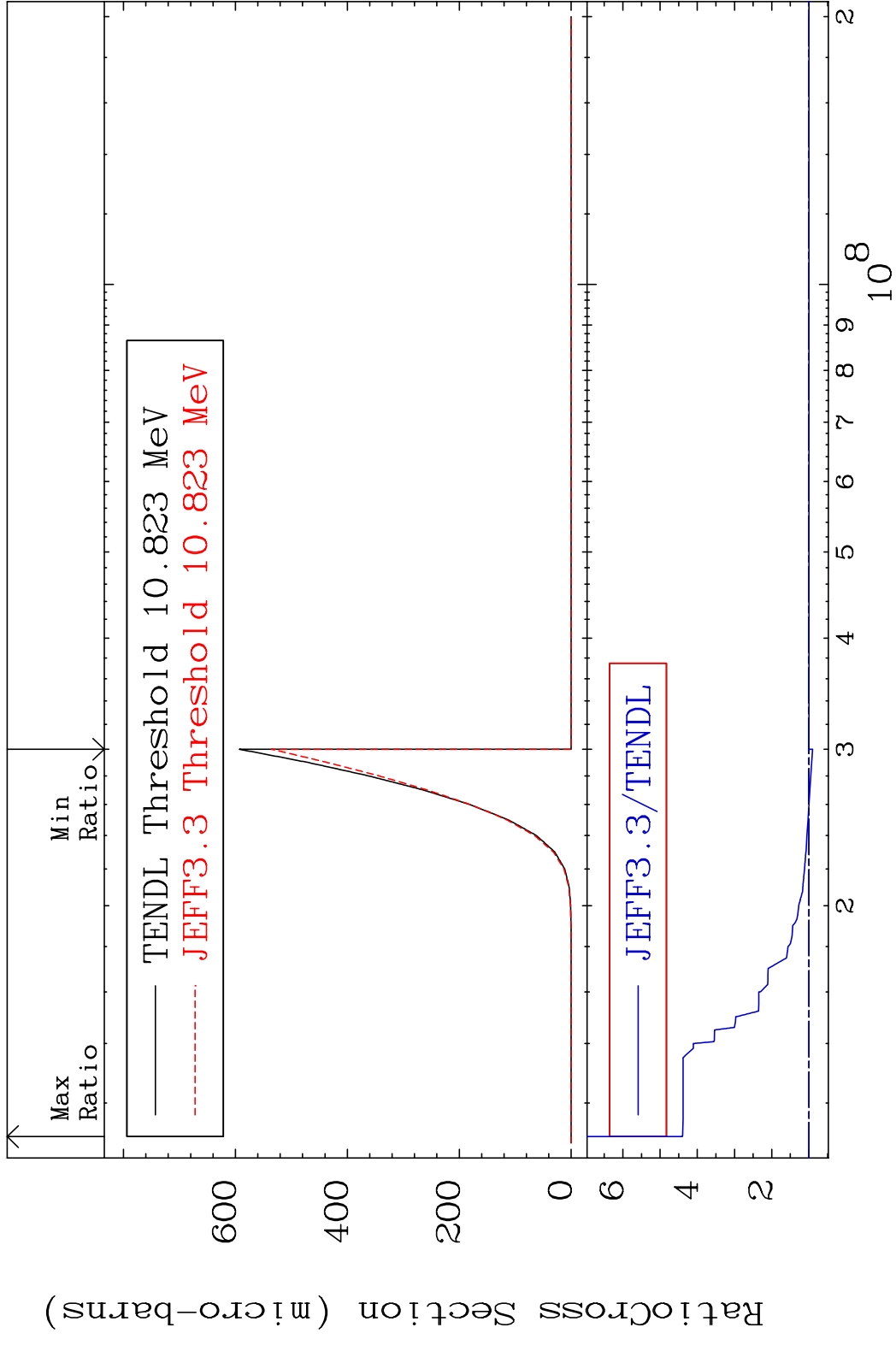


MAT 4513

(n,p) d

45-Rh-99

Cross Section -9.703 To 340.2 %

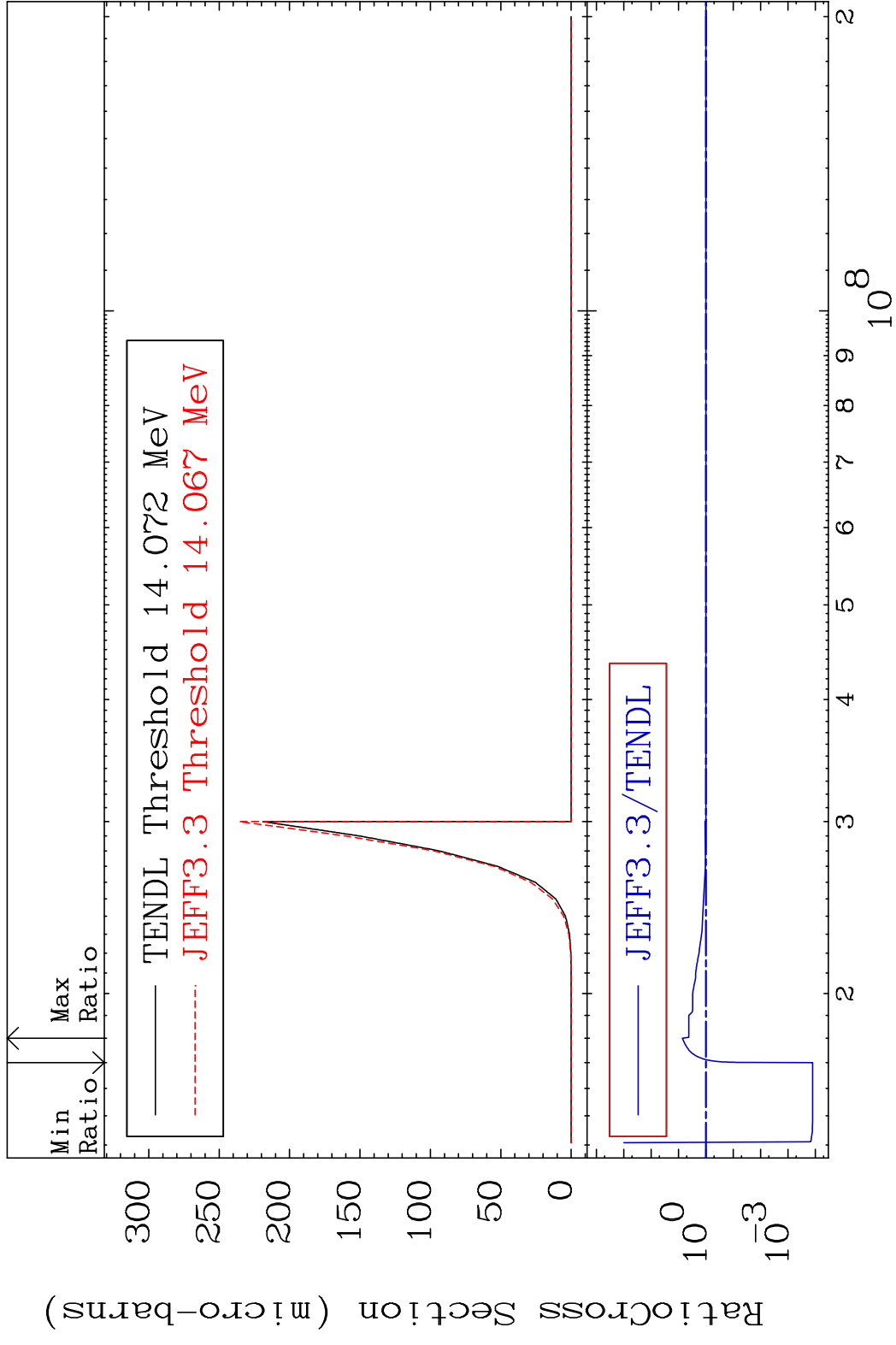


MAT 4513

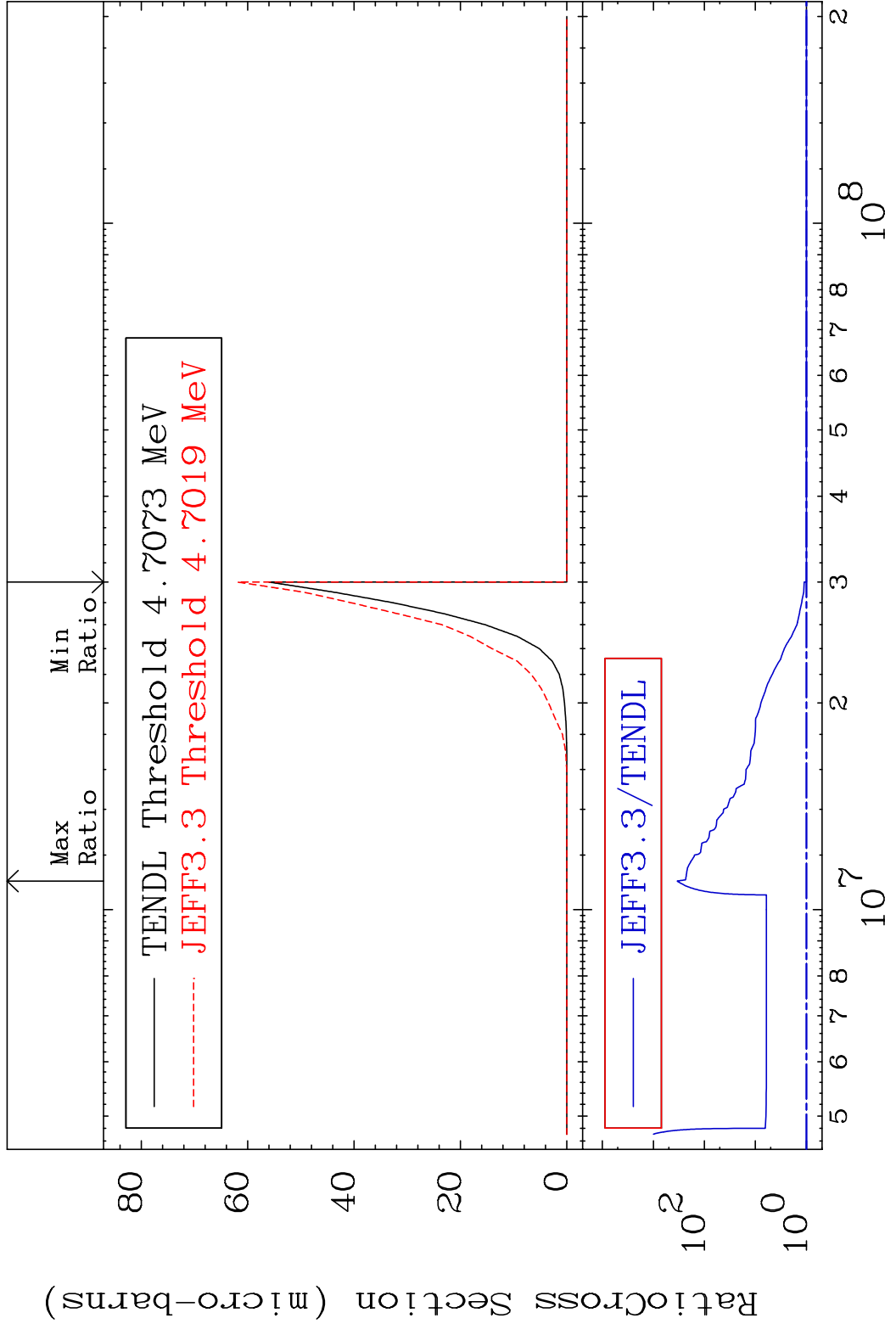
(n,p) t

45-Rh-99

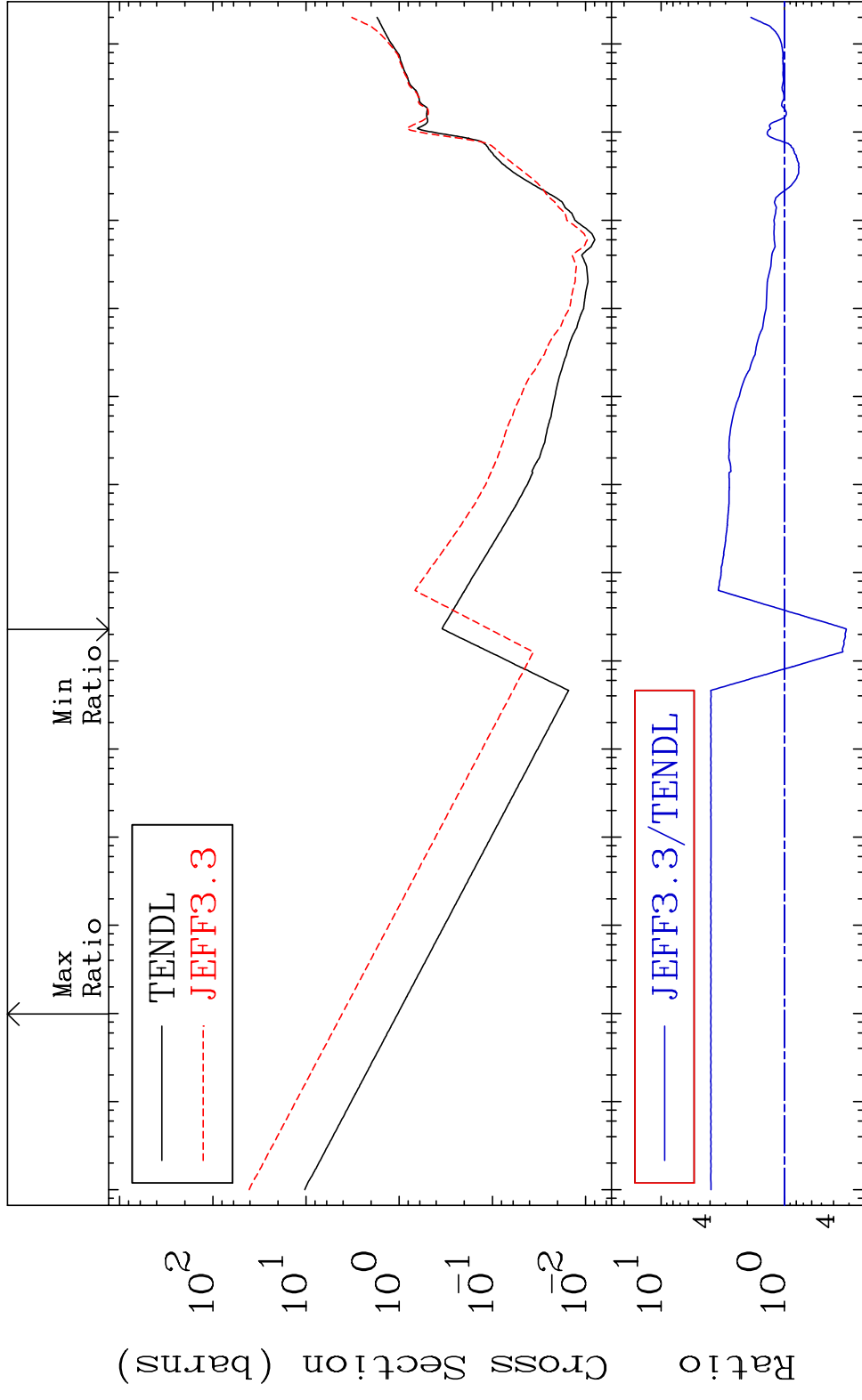
Cross Section -99.99 To 624.8 %



MAT 4513 (n,d) α 45-Rh-99
 Cross Section 0.000 To 9999. %



MAT 4513 Hydrogen Production 45-Rh-99
 Cross Section -68.54 To 295.8 %

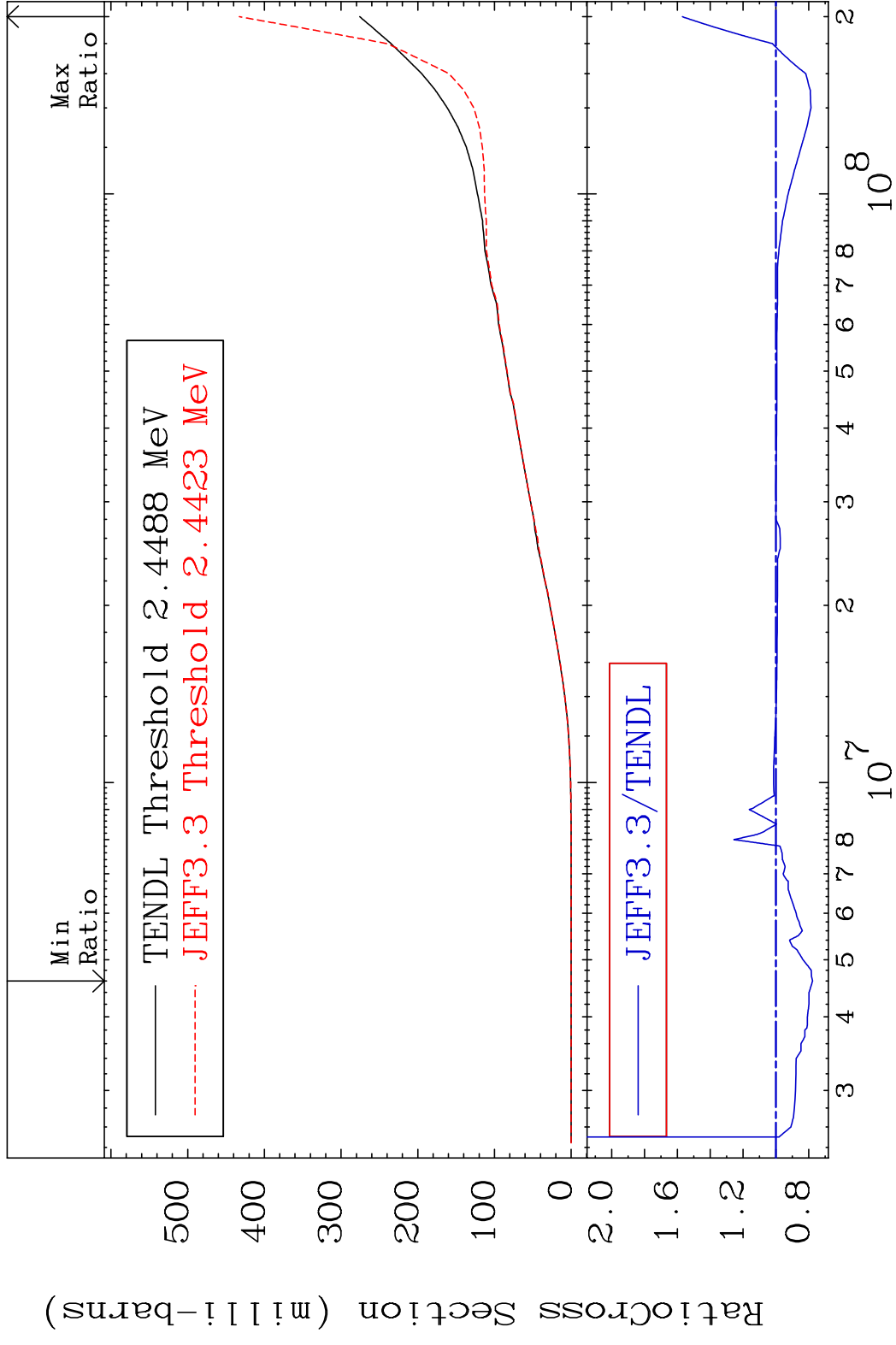


MAT 4513

Deuterium Production

45-Rh-99

Cross Section -22.36 To 56.95 %



60

Incident Energy (eV)

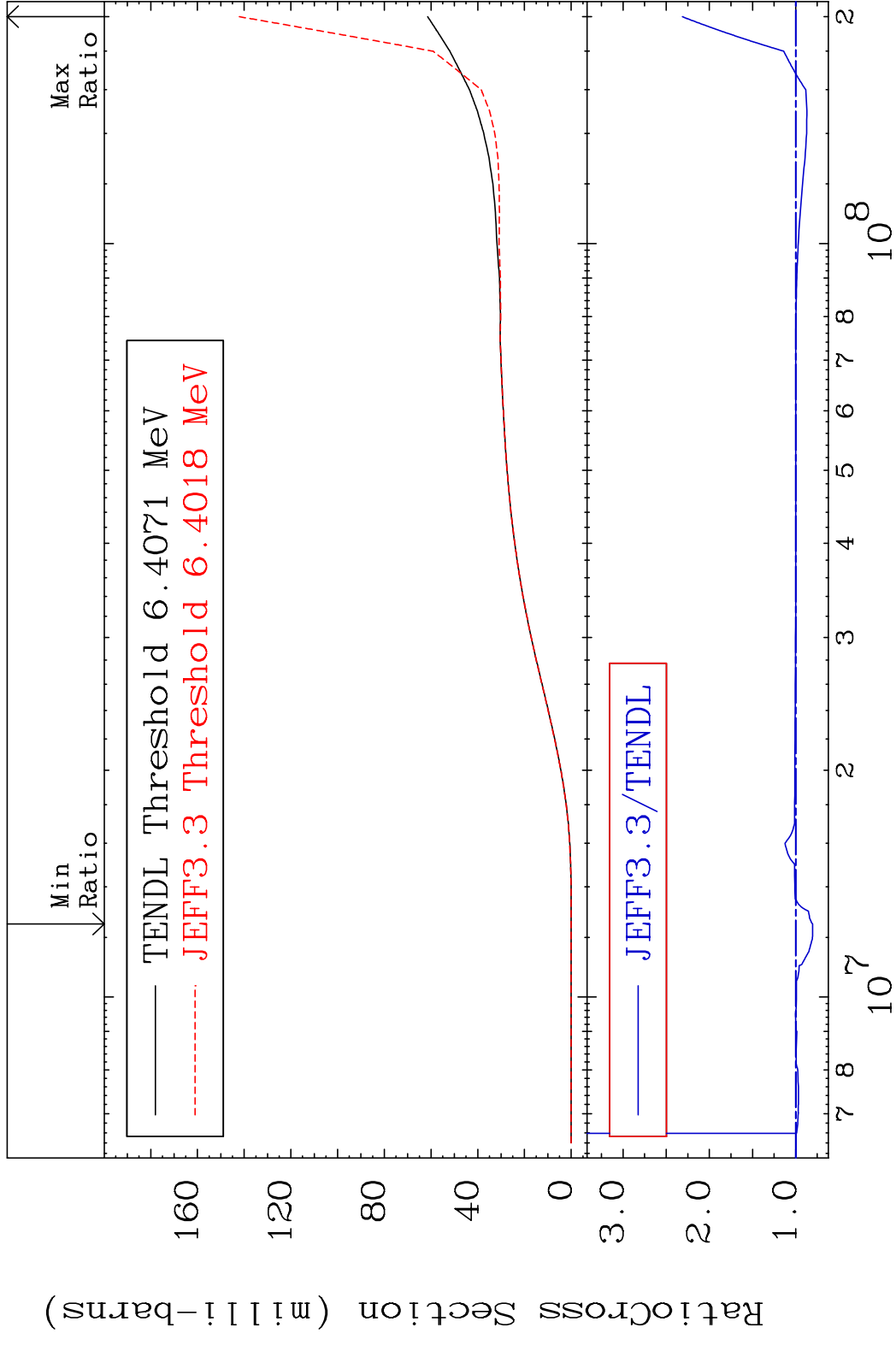
45-Rh-99

MAT 4513

Tritium Production

45-Rh-99

Cross Section -19.56 To 131.3 %



61

Incident Energy (eV)

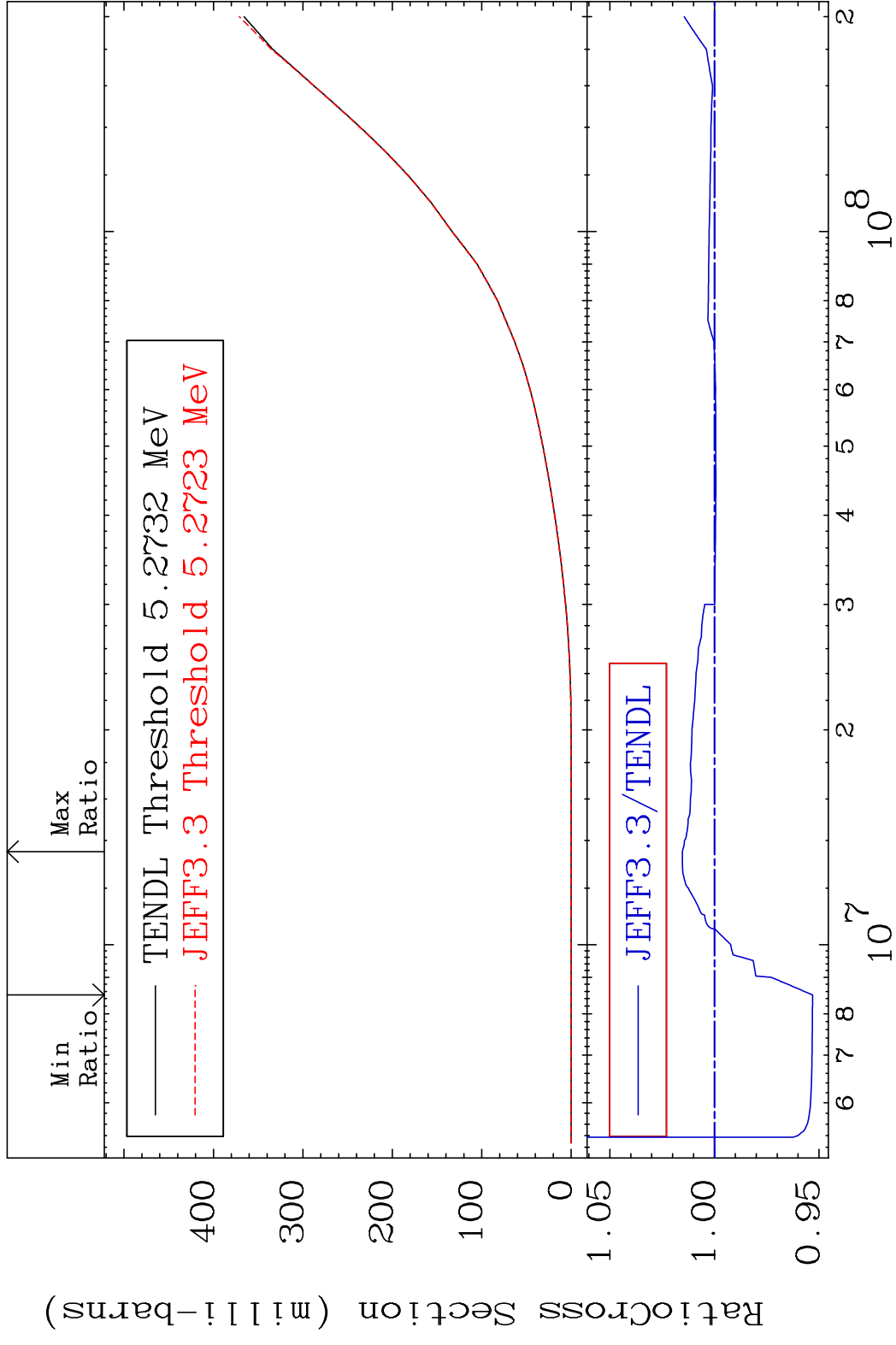
45-Rh-99

MAT 4513

He-3 Production

45-Rh-99

Cross Section -4.692 To 1.535 %

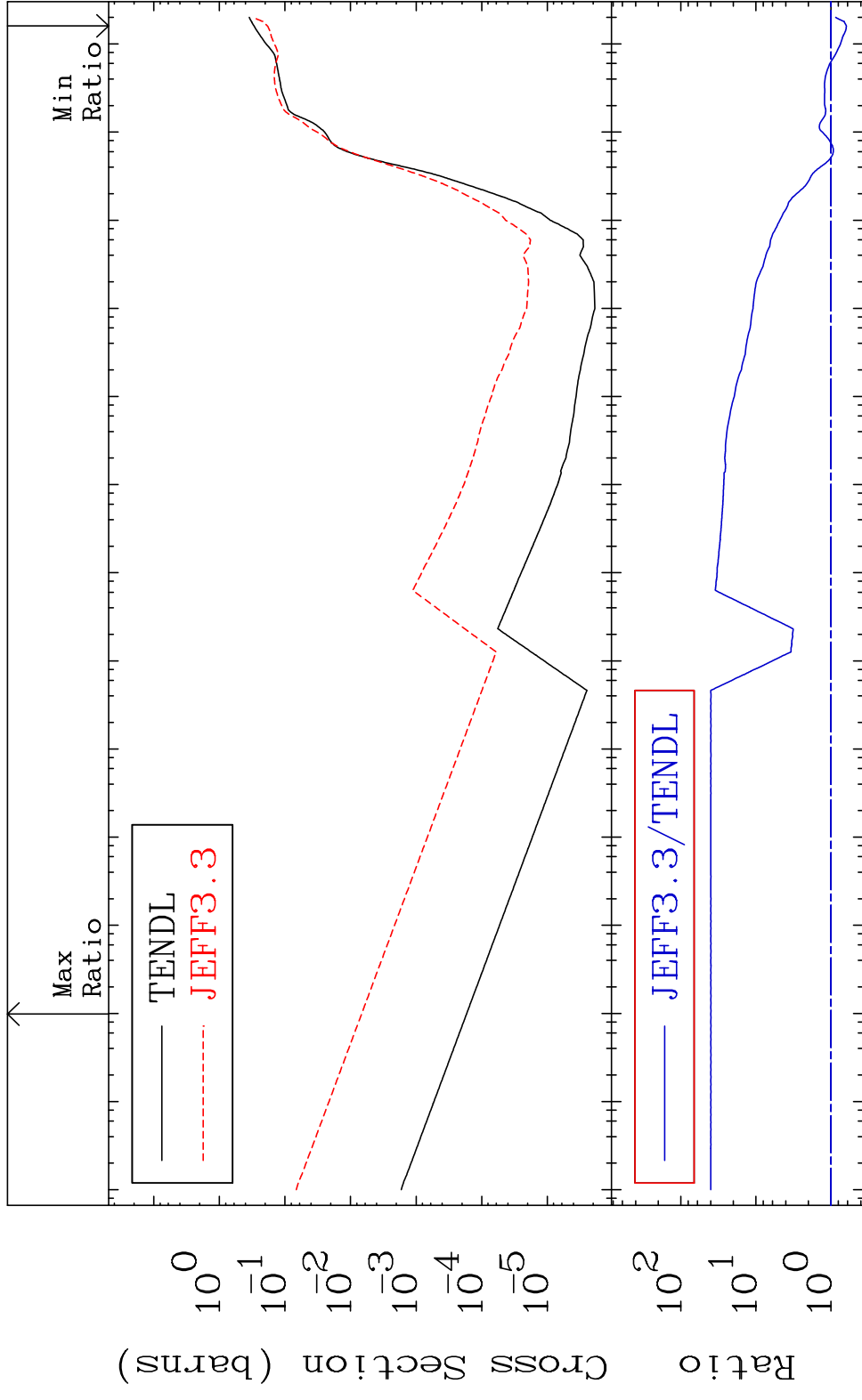


62

Incident Energy (eV)

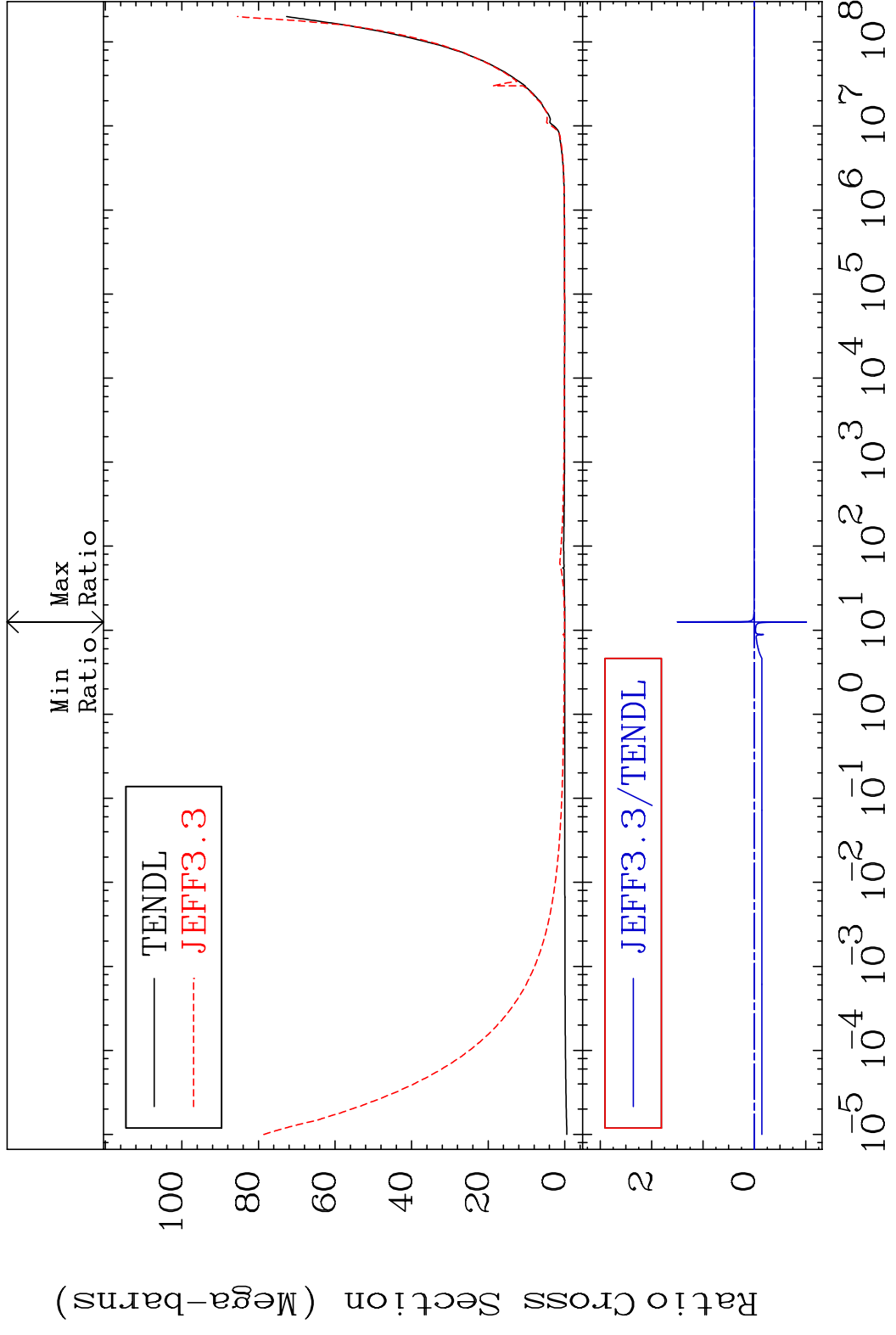
45-Rh-99

MAT 4513 He-4 Production 45-Rh-99
 Cross Section -37.64 To 3900. %



63 Incident Energy (eV) 45-Rh-99

MAT 4513 Kerma total (eV-barns) 45-Rh-99
 Cross Section -9999. To 9999. %

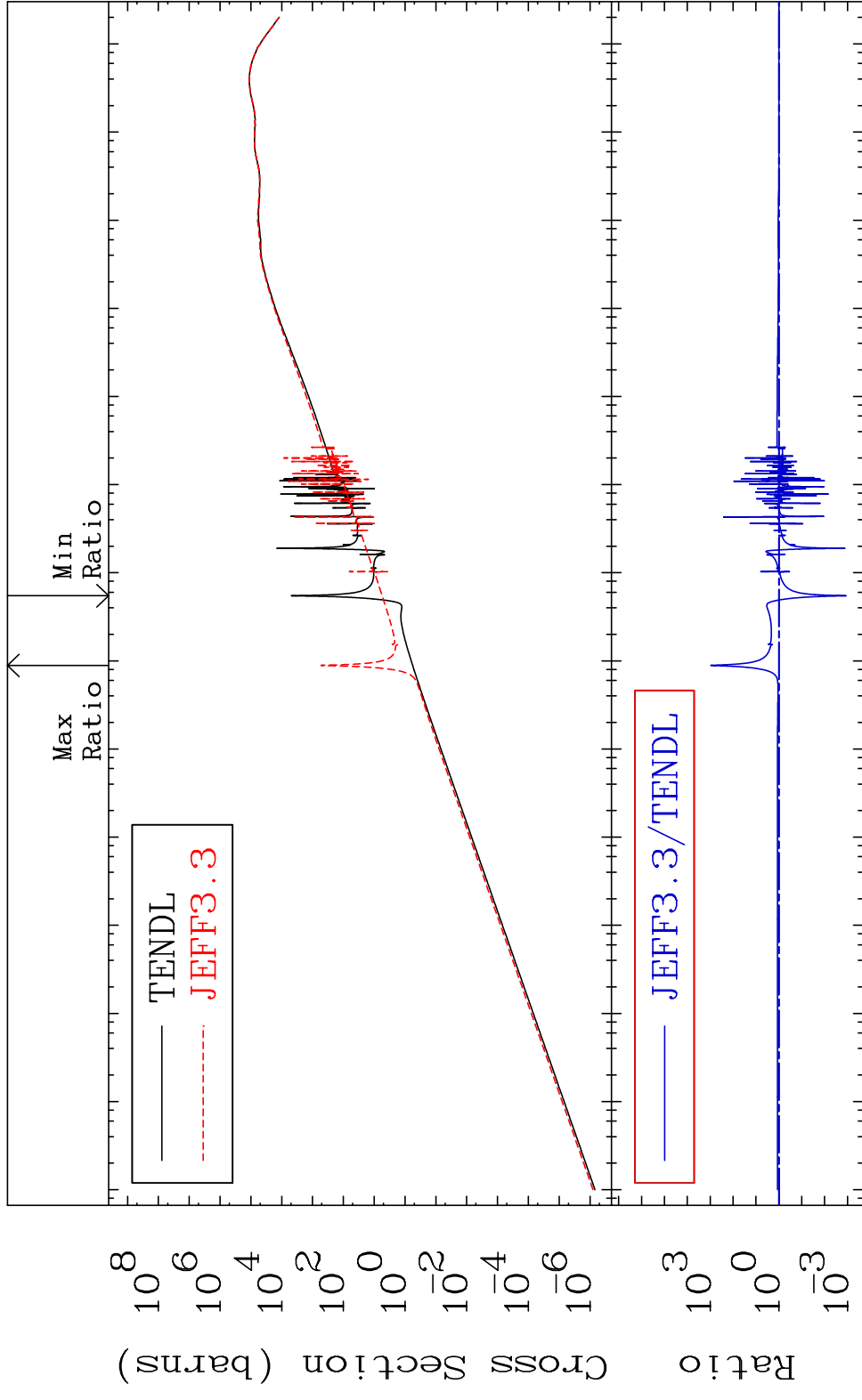


64 Incident Energy (eV) 45-Rh-99

MAT 4513

Kerma elastic Cross Section -99.89 To 9999. %

45-Rh-99

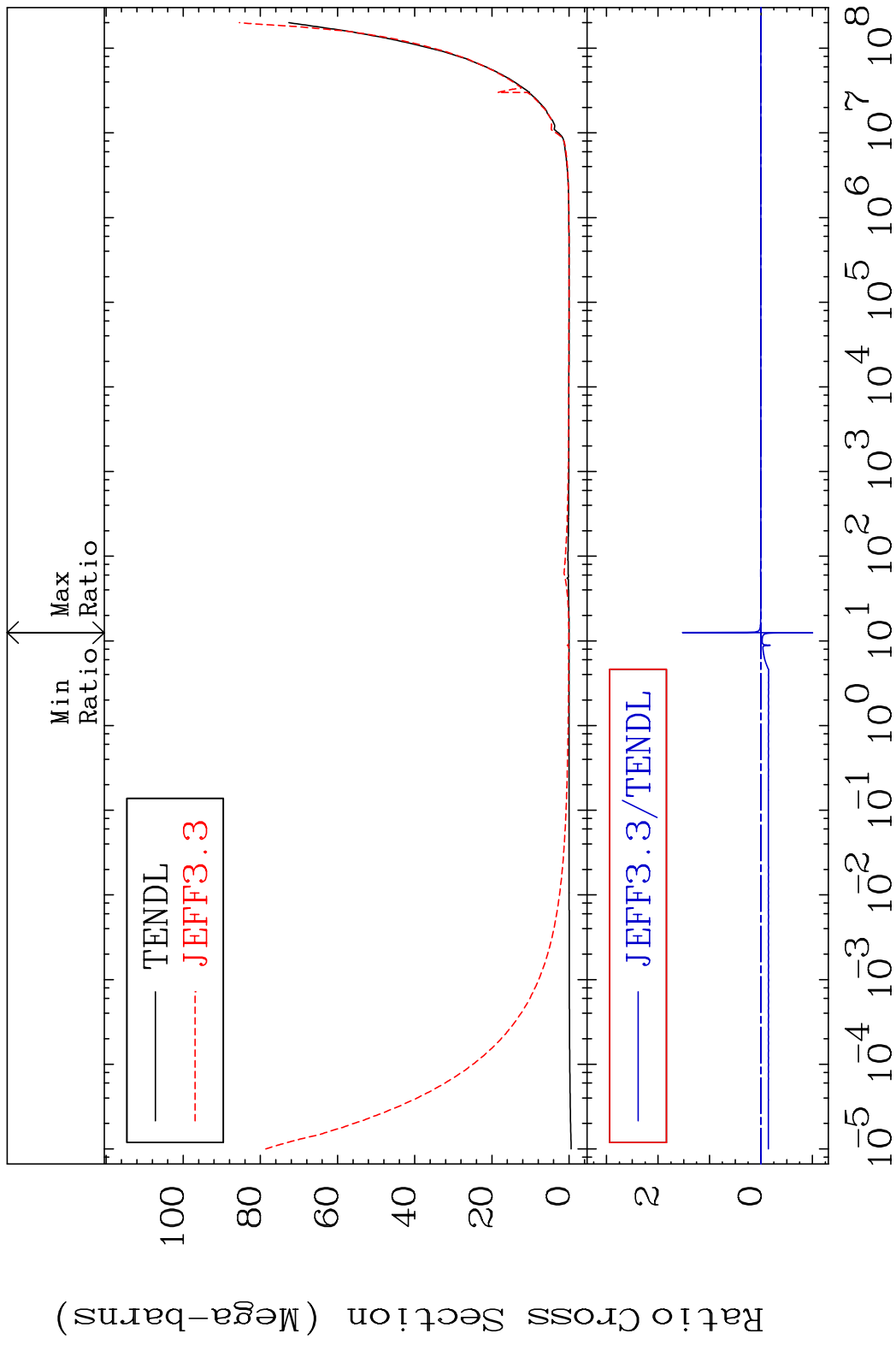


65

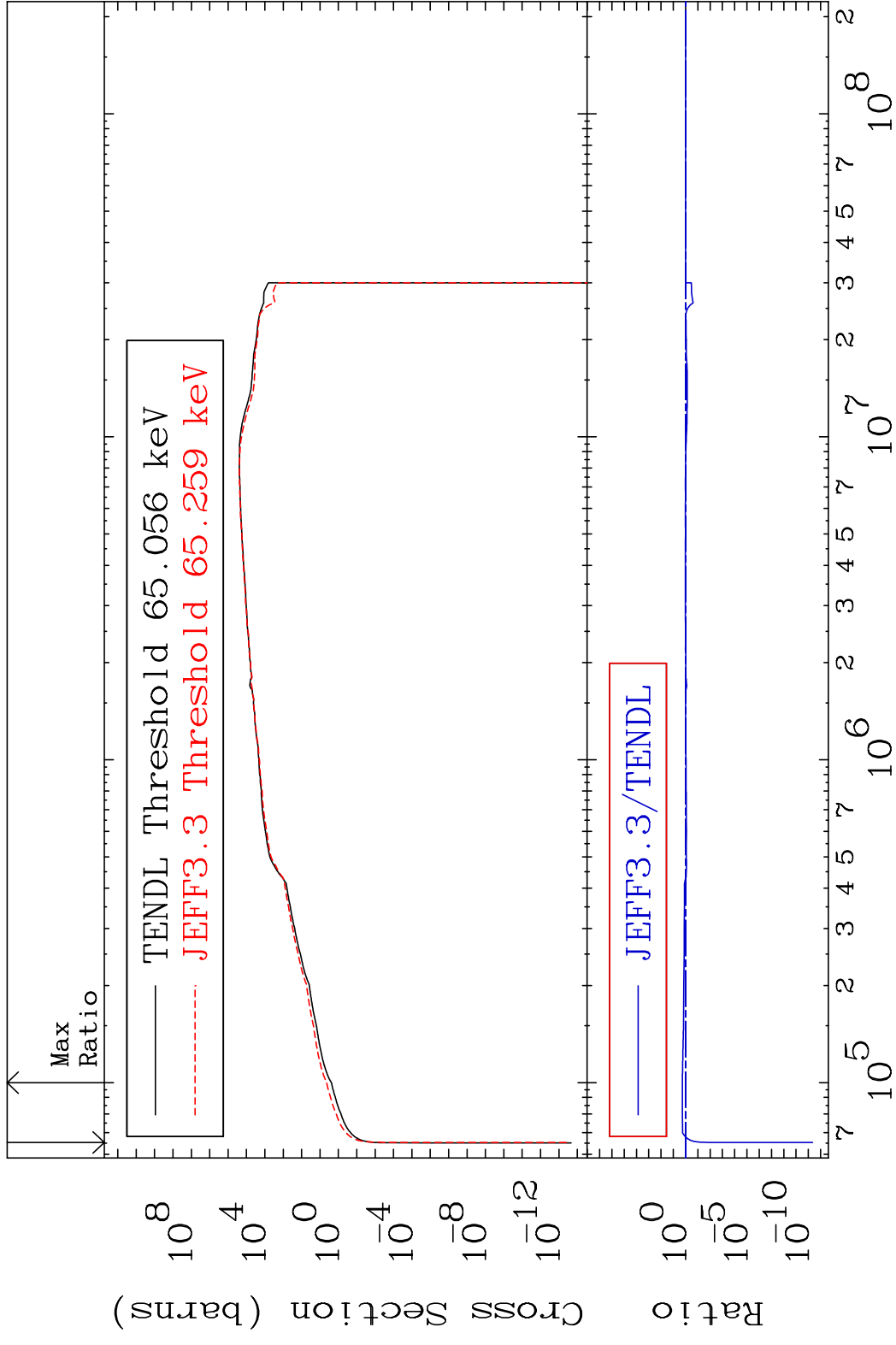
Incident Energy (eV)

45-Rh-99

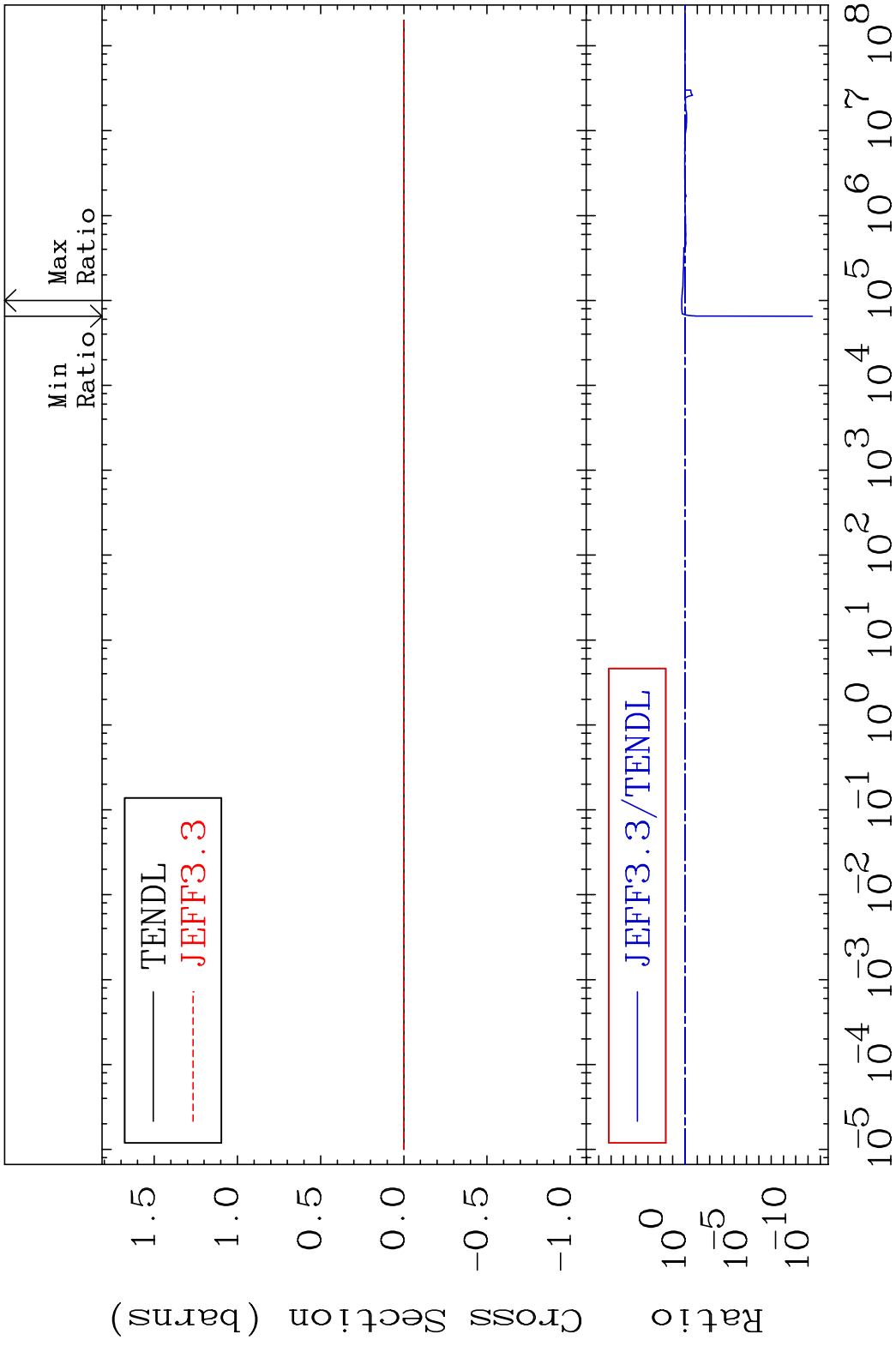
MAT 4513 Kerma non-elastic (all but mt2) 45-Rh-99
 Cross Section -9999. To 9999. %



MAT 4513 Kerma inelastic (mt51-91) 45-Rh-99
 Cross Section -100.0 To 82.13 %

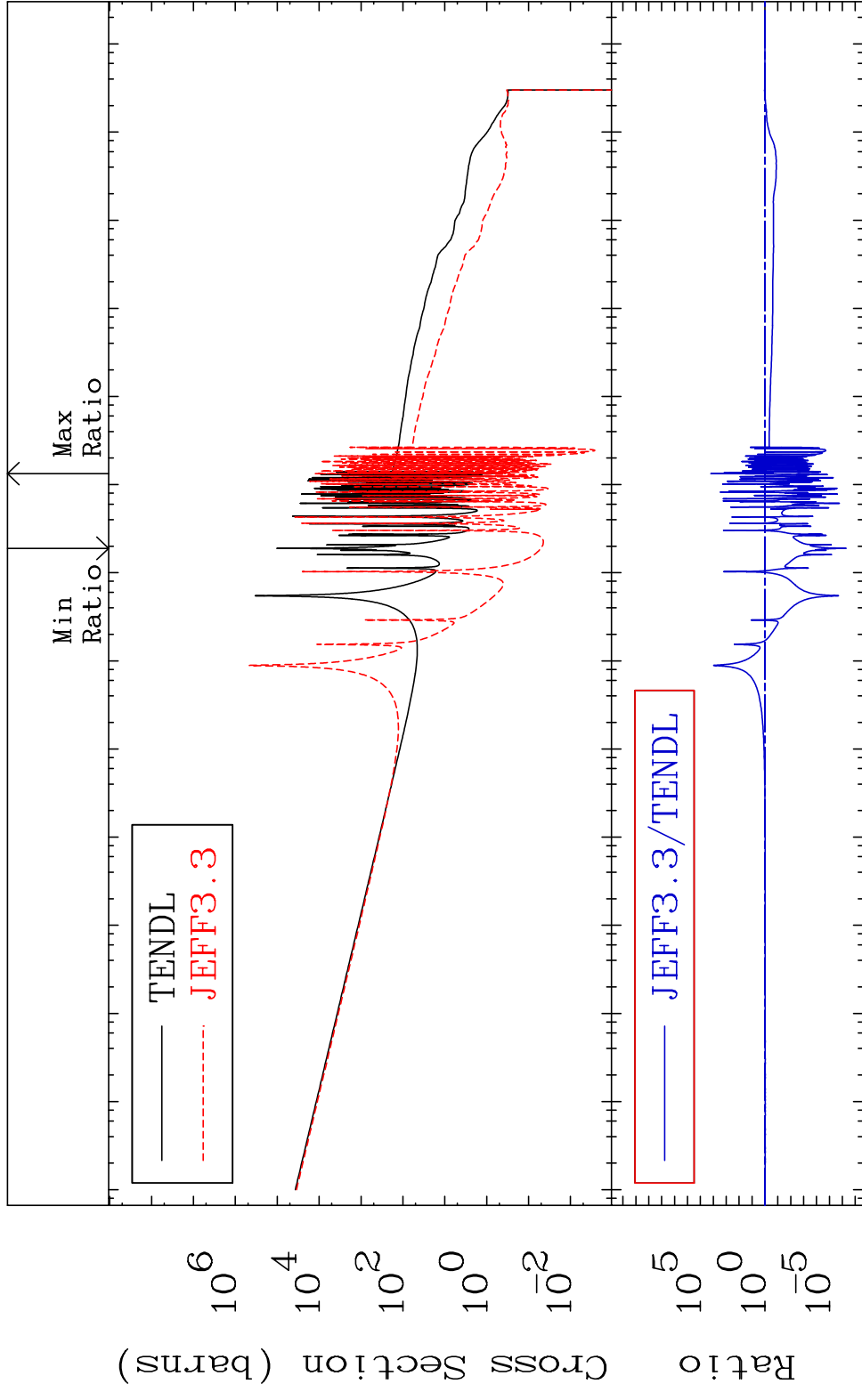


MAT 4513 Kerma fission (mt18 or mt19-20-21-38) 45-Rh-99
 Cross Section -100.0 To 82.13 %



MAT 4513

Kerma capture (mt102) 45-Rh-99
Cross Section -100.0 To 9999. %

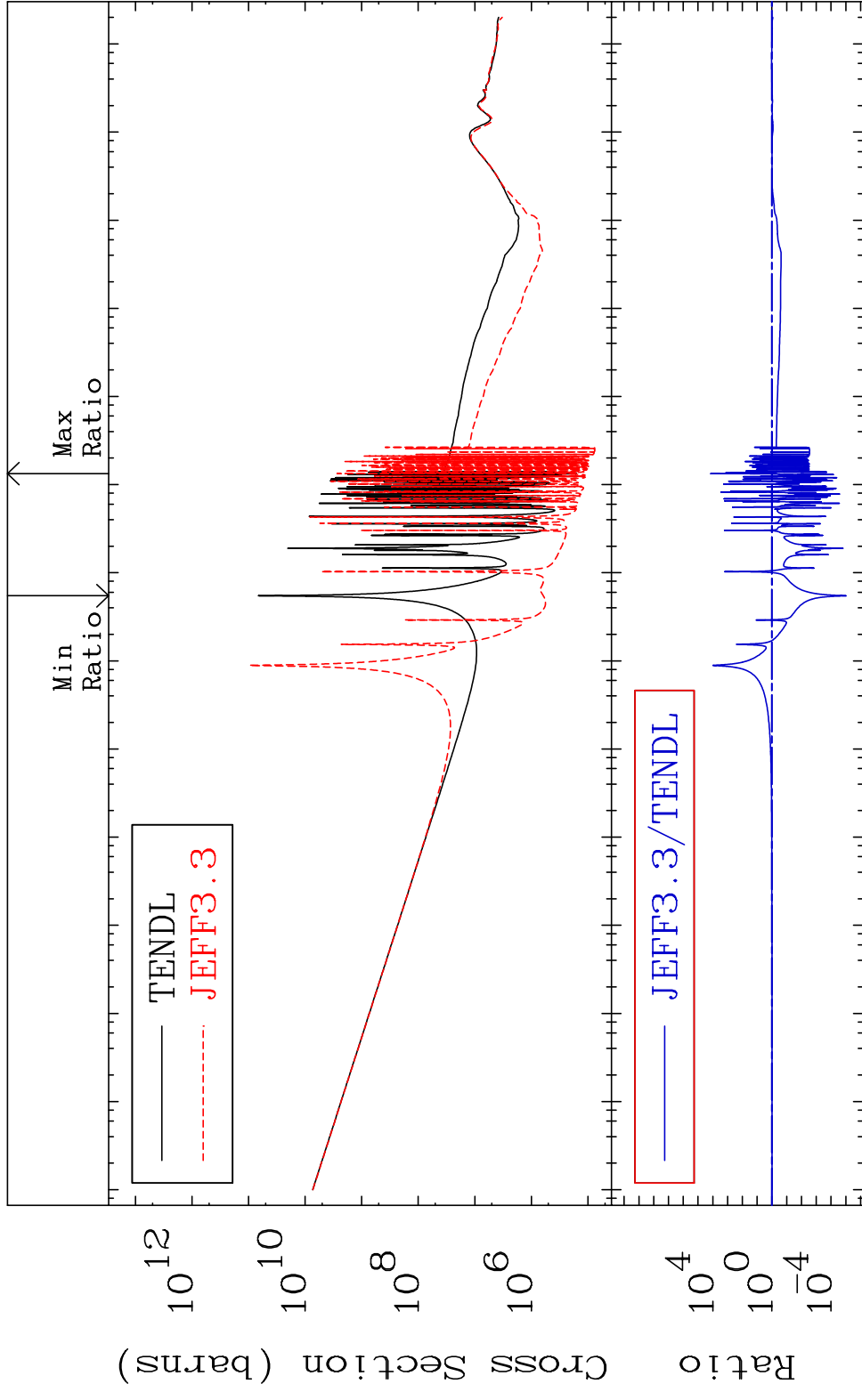


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Incident Energy (eV)

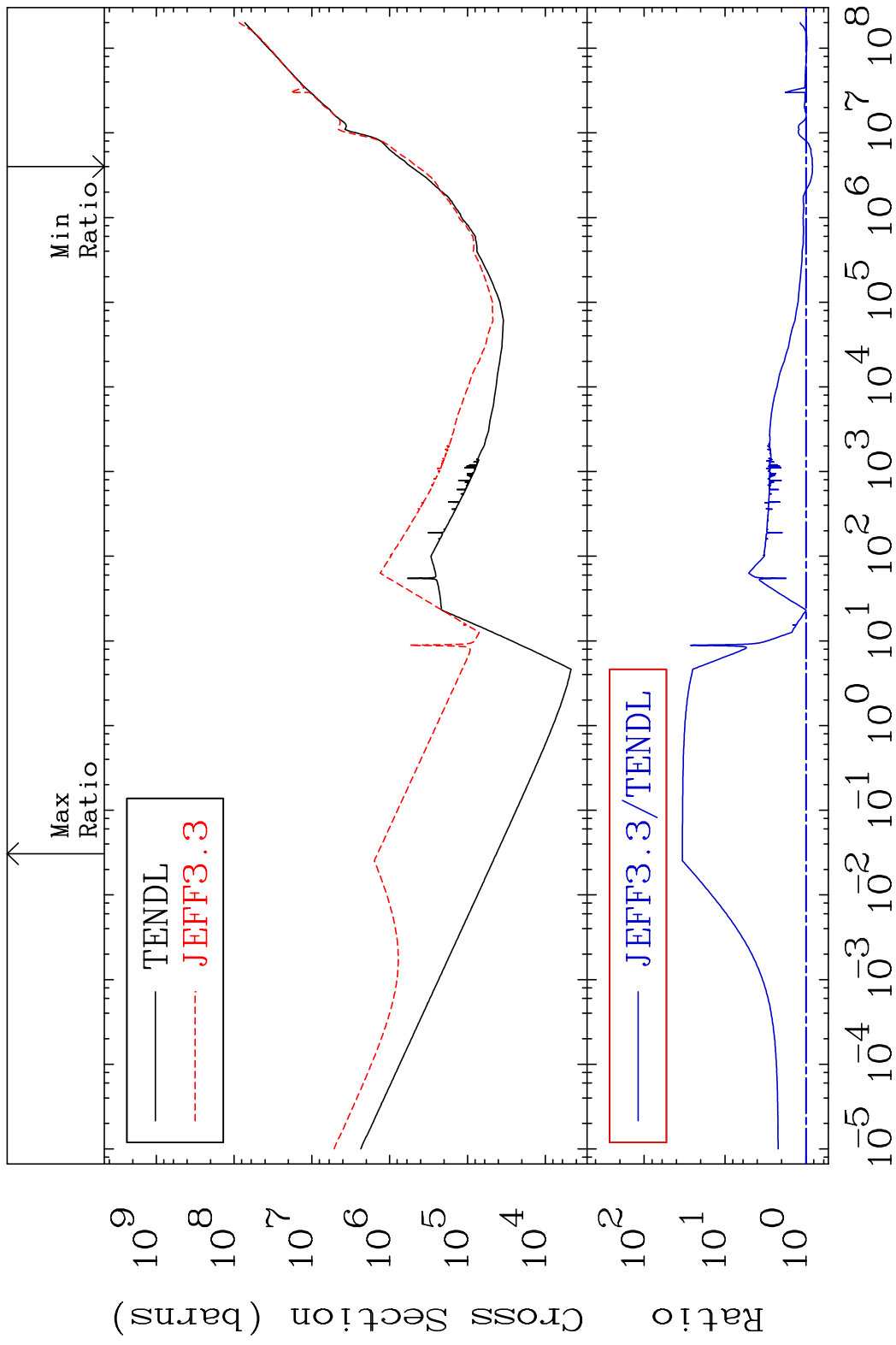
45-Rh-99

MAT 4513 Total photon (eV-barns) 45-Rh-99
 Cross Section -100.0 To 9999. %

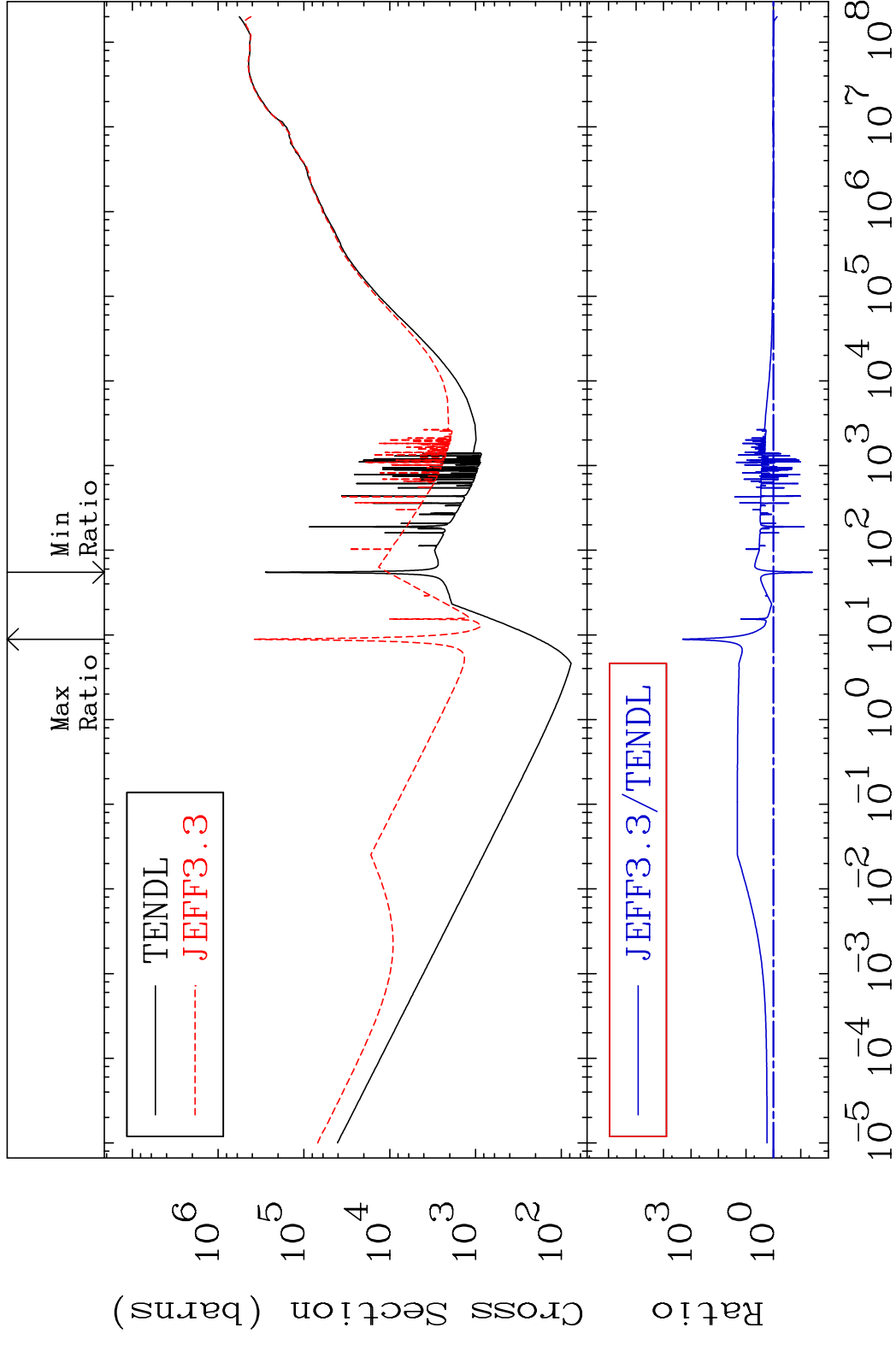


70 Incident Energy (eV) 45-Rh-99

MAT 4513 Total kinematic kerma (high limit) 45-Rh-99
 Cross Section -17.23 To 3273. %



MAT 4513 Dpa total (eV-barns) 45-Rh-99
 Cross Section -96.25 To 9999. %



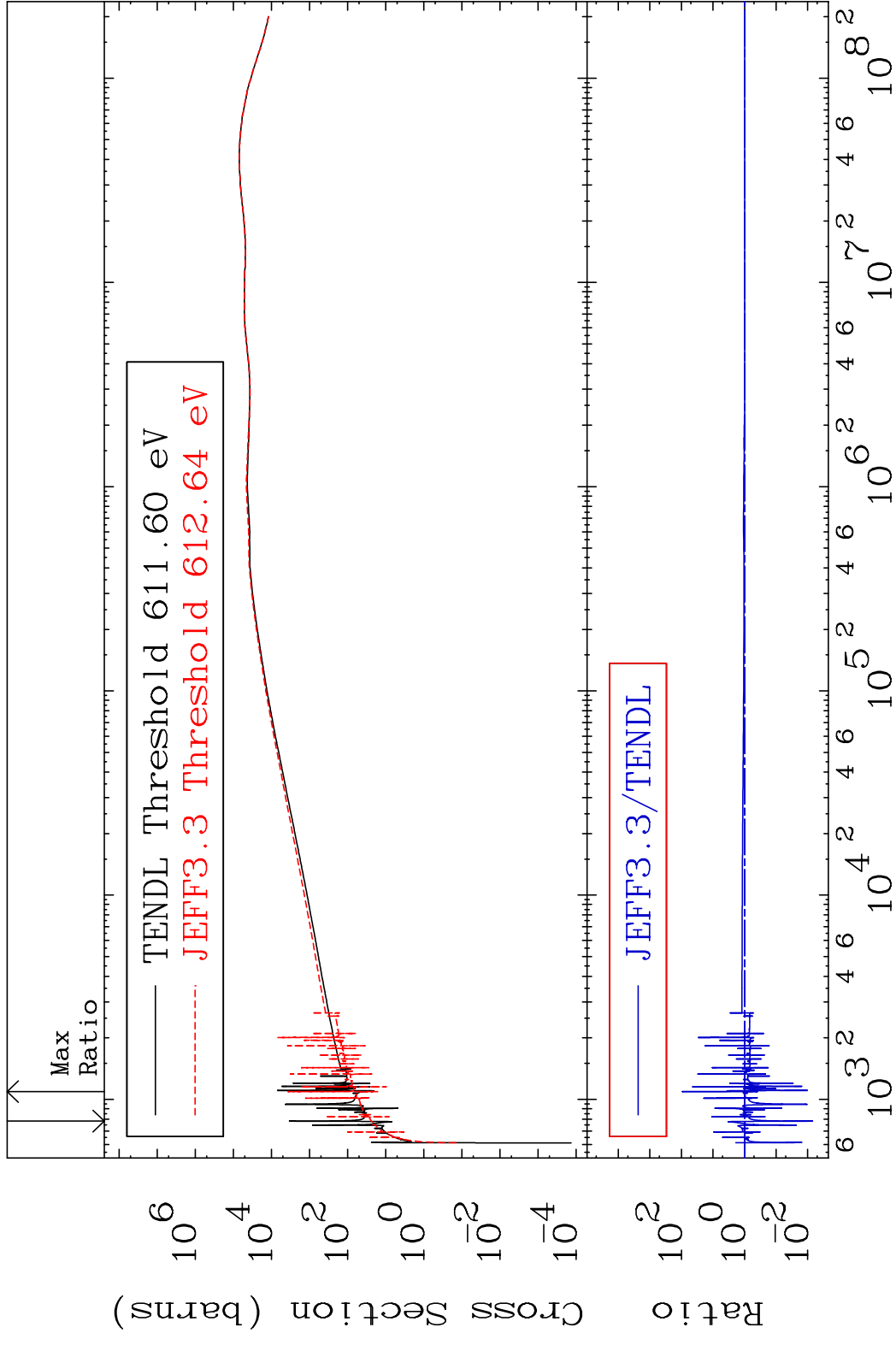
72 Incident Energy (eV) 45-Rh-99

MAT 4513

Dpa elastic (mt2)

45-Rh-99

Cross Section -99.30 To 9242. %

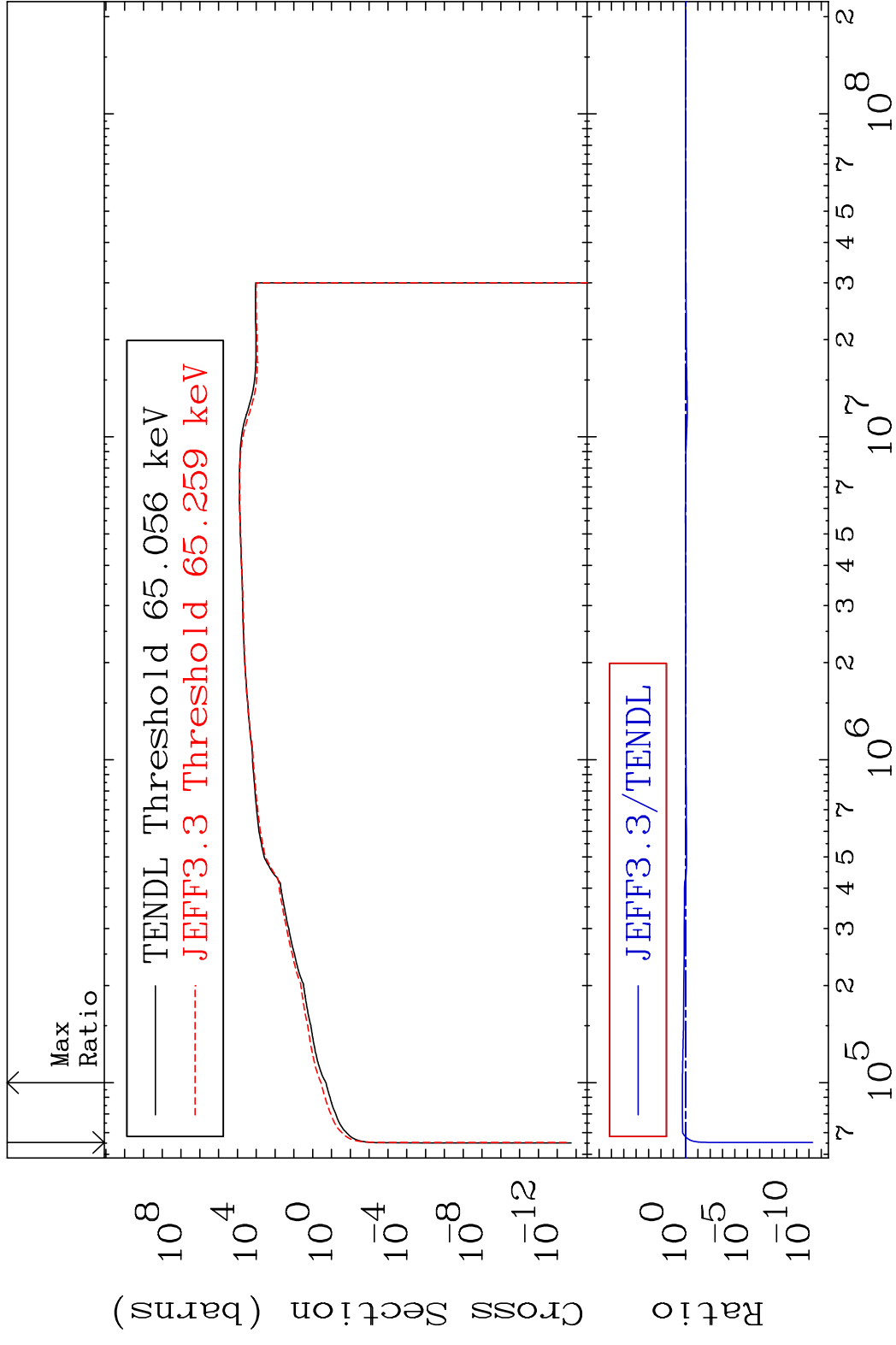


73

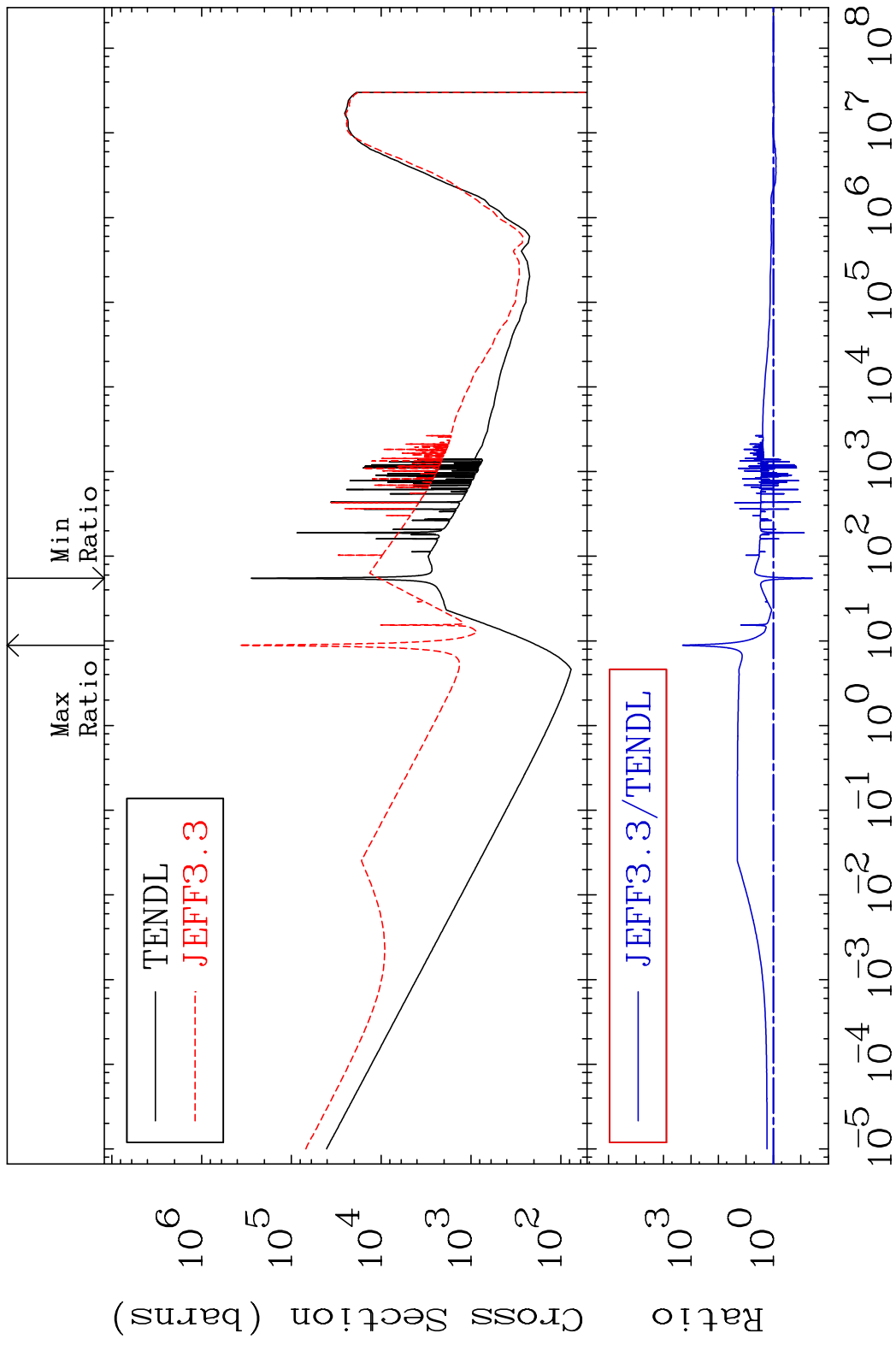
Incident Energy (eV)

45-Rh-99

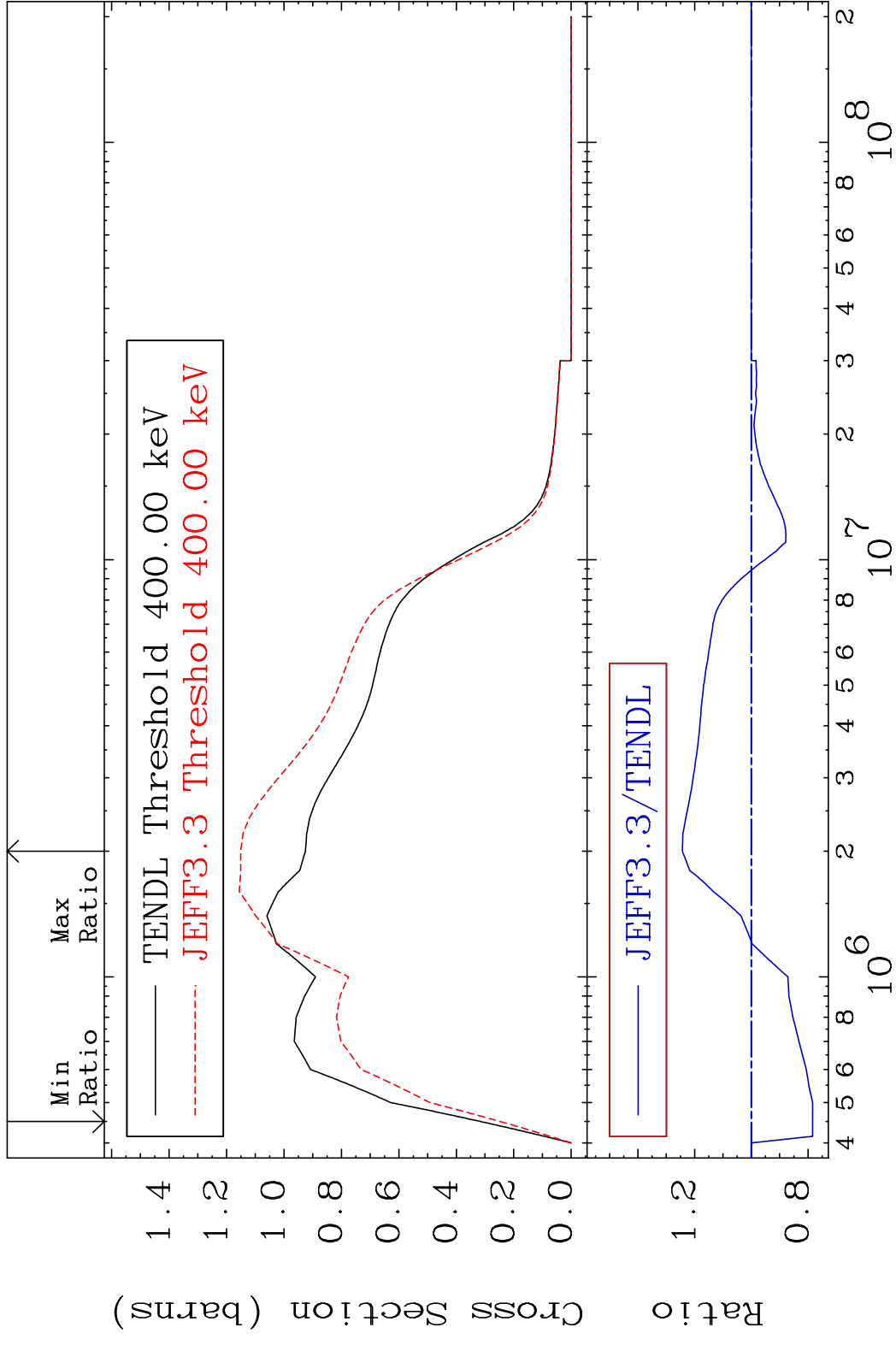
MAT 4513 Dpa inelastic (mt51-91) 45-Rh-99
 Cross Section -100.0 To 82.23 %



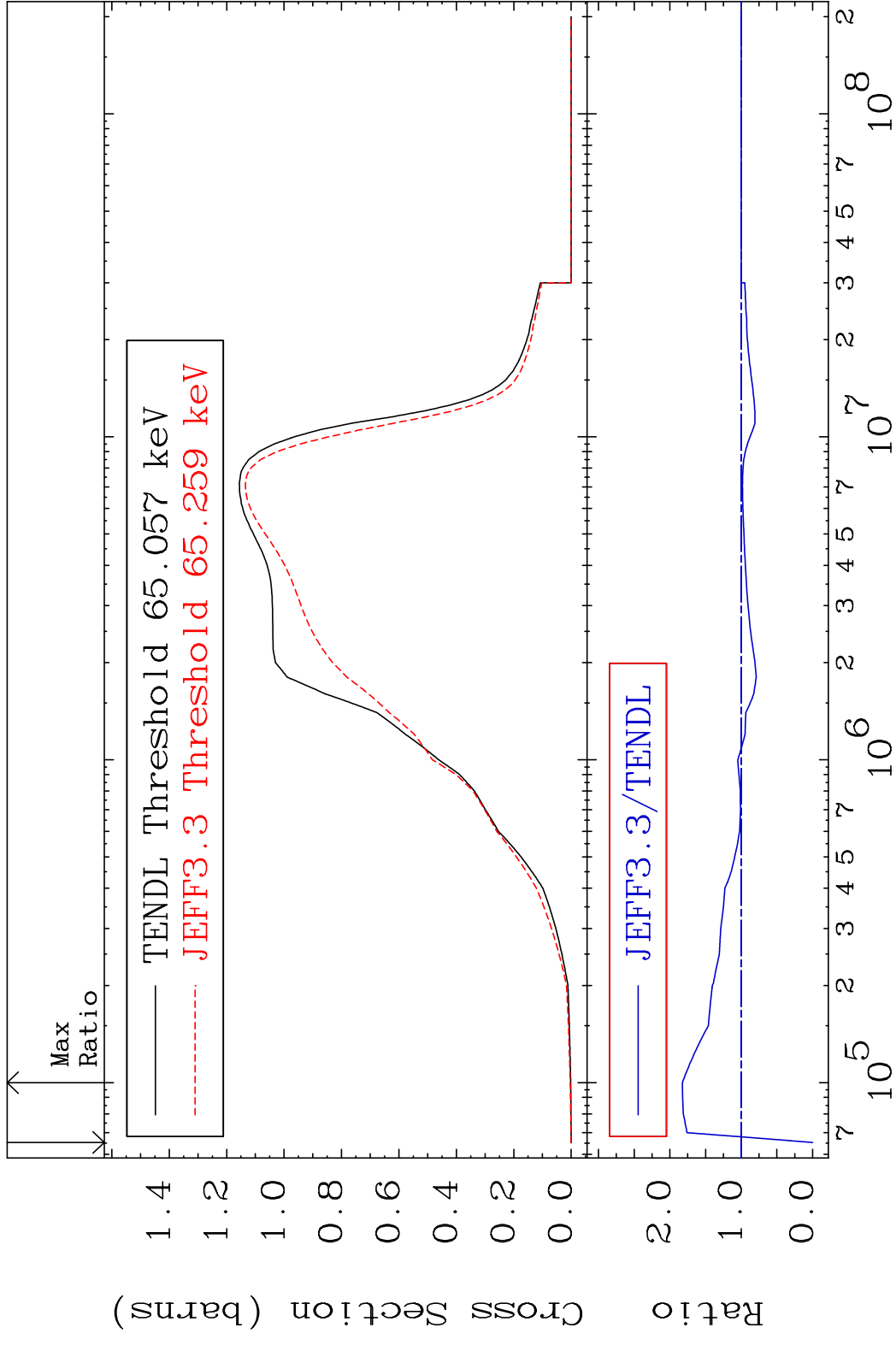
MAT 4513 Dpa disappearance (mt102 -120) 45-Rh-99
 Cross Section -96.25 To 9999. %



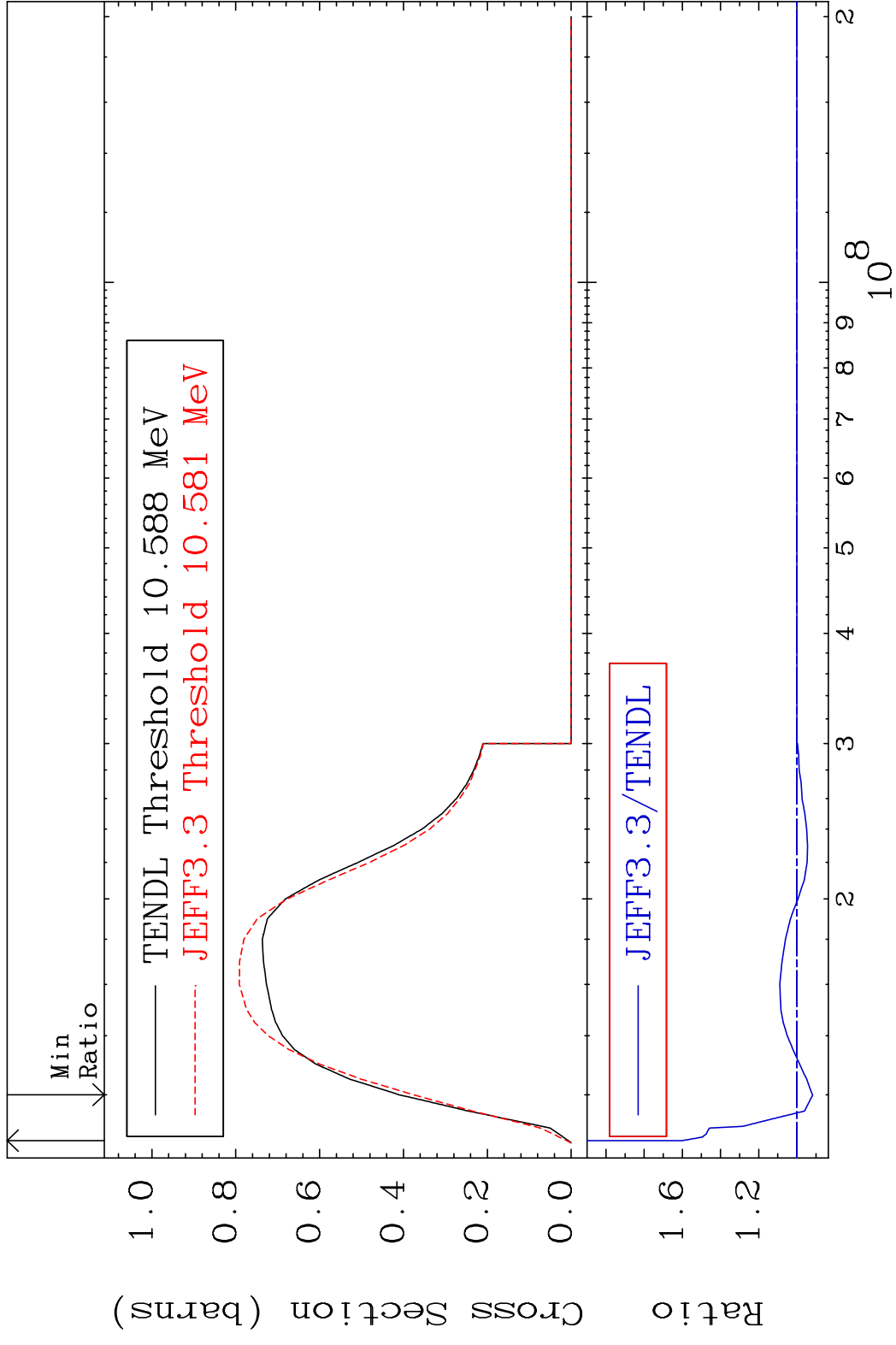
75 Incident Energy (eV) 45-Rh-99

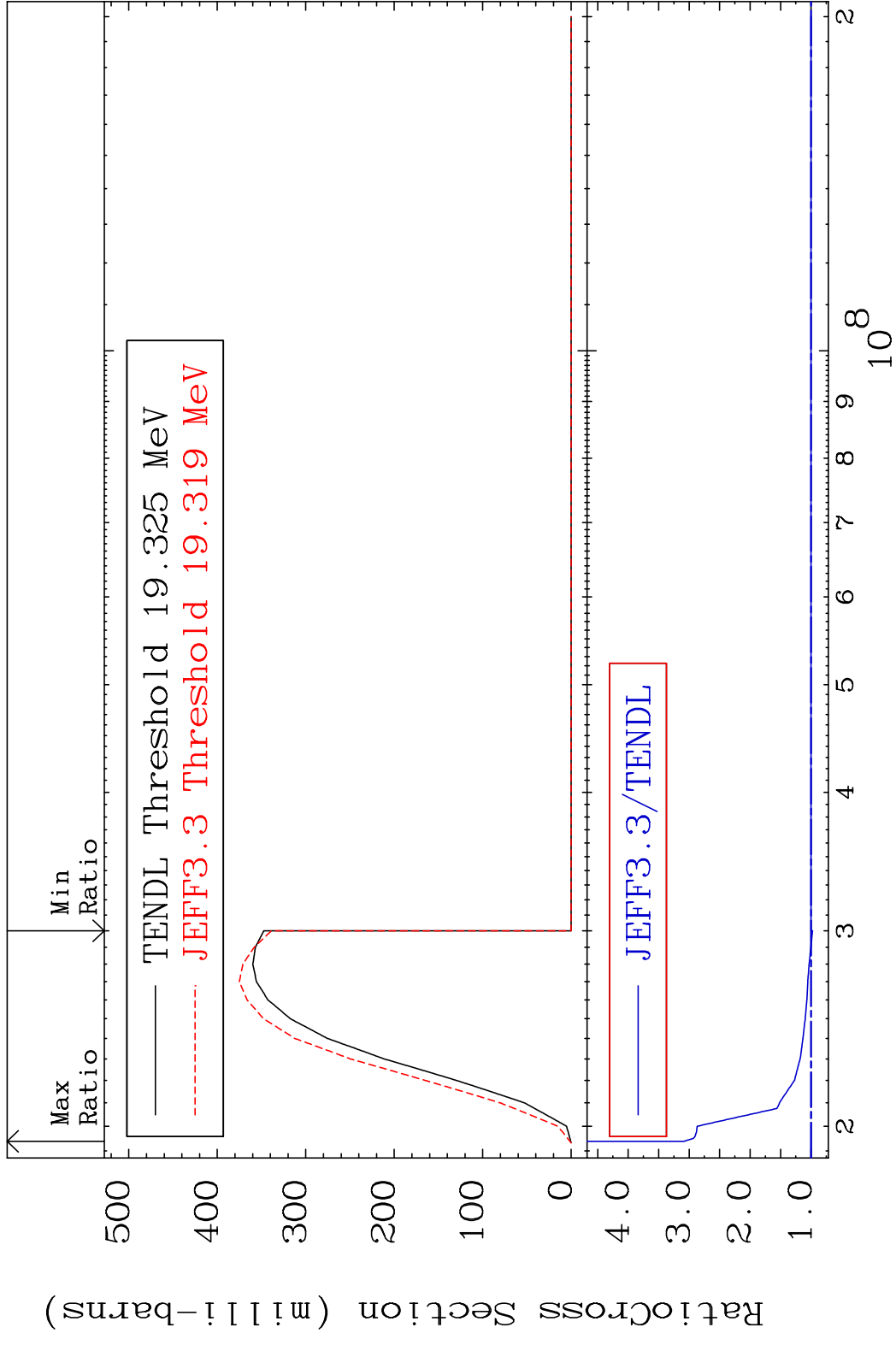


MAT 4513 Inelastic: 45-Rh-99m1 45-Rh-99
 Radionuclide Production Cross Section 180.01 dno 82.50 %

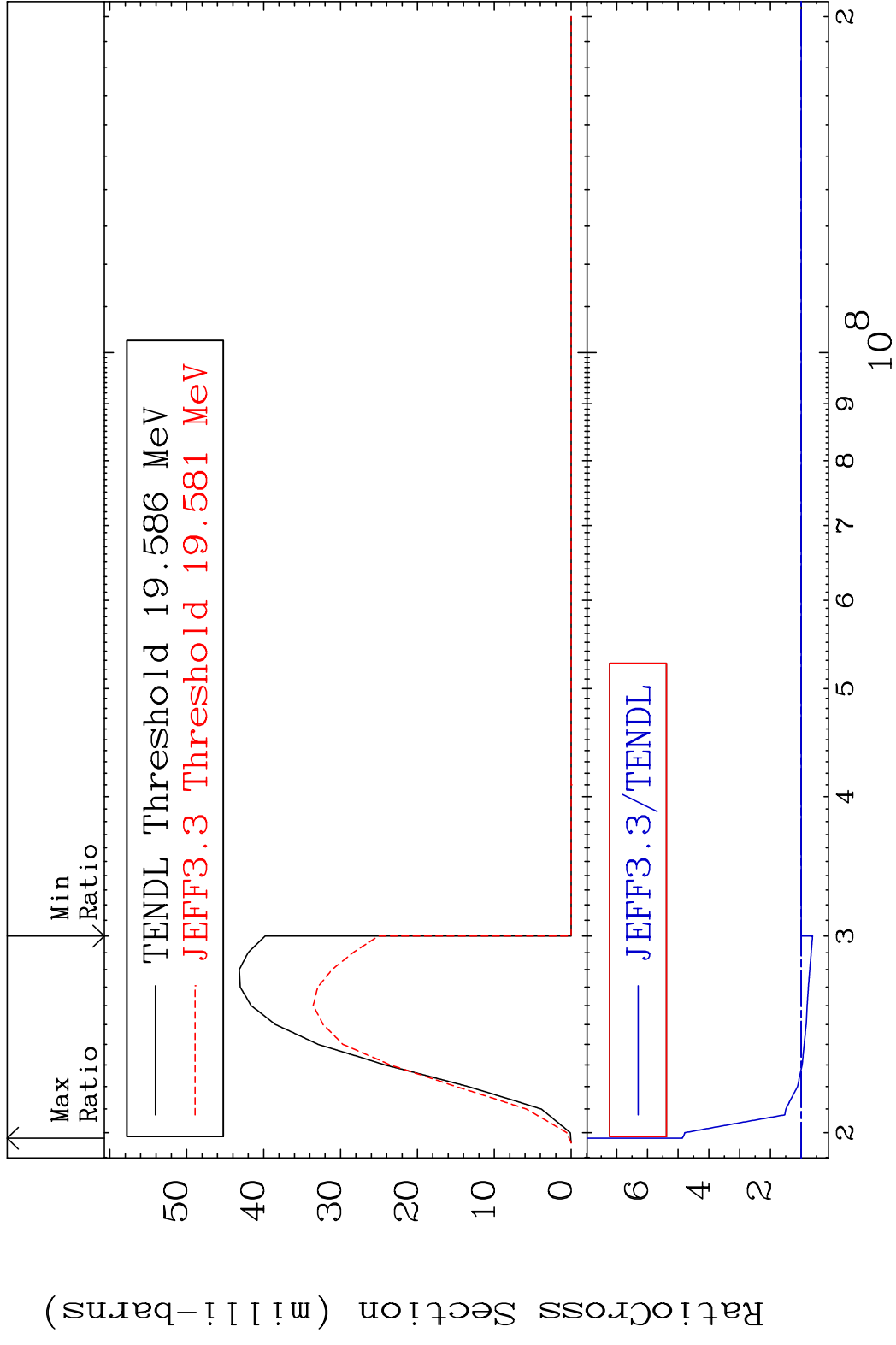


MAT 4513 (n,2n):45-Rh-98g 45-Rh-99
 Radionuclide Production Cross Section to 59.99 %

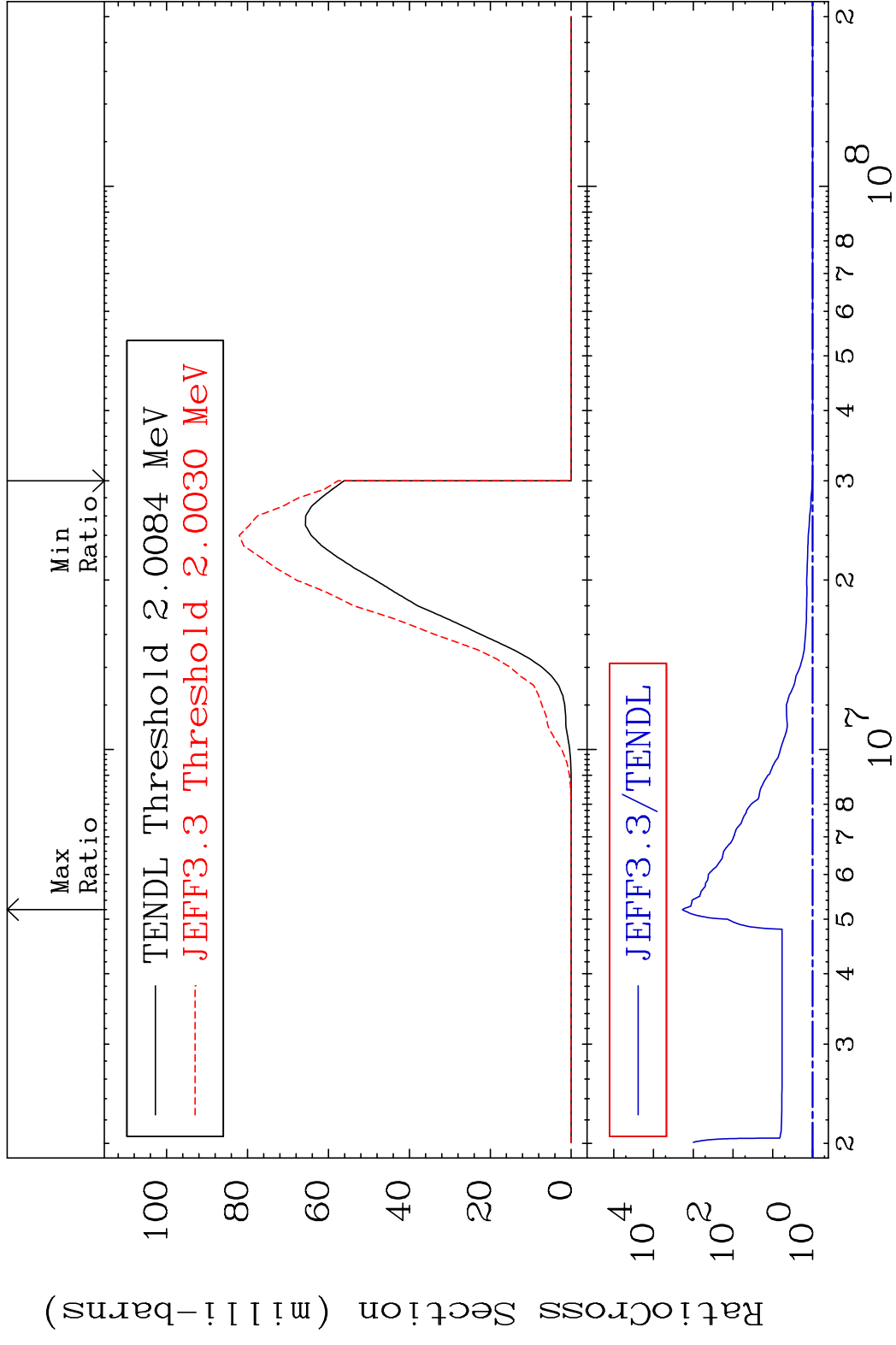




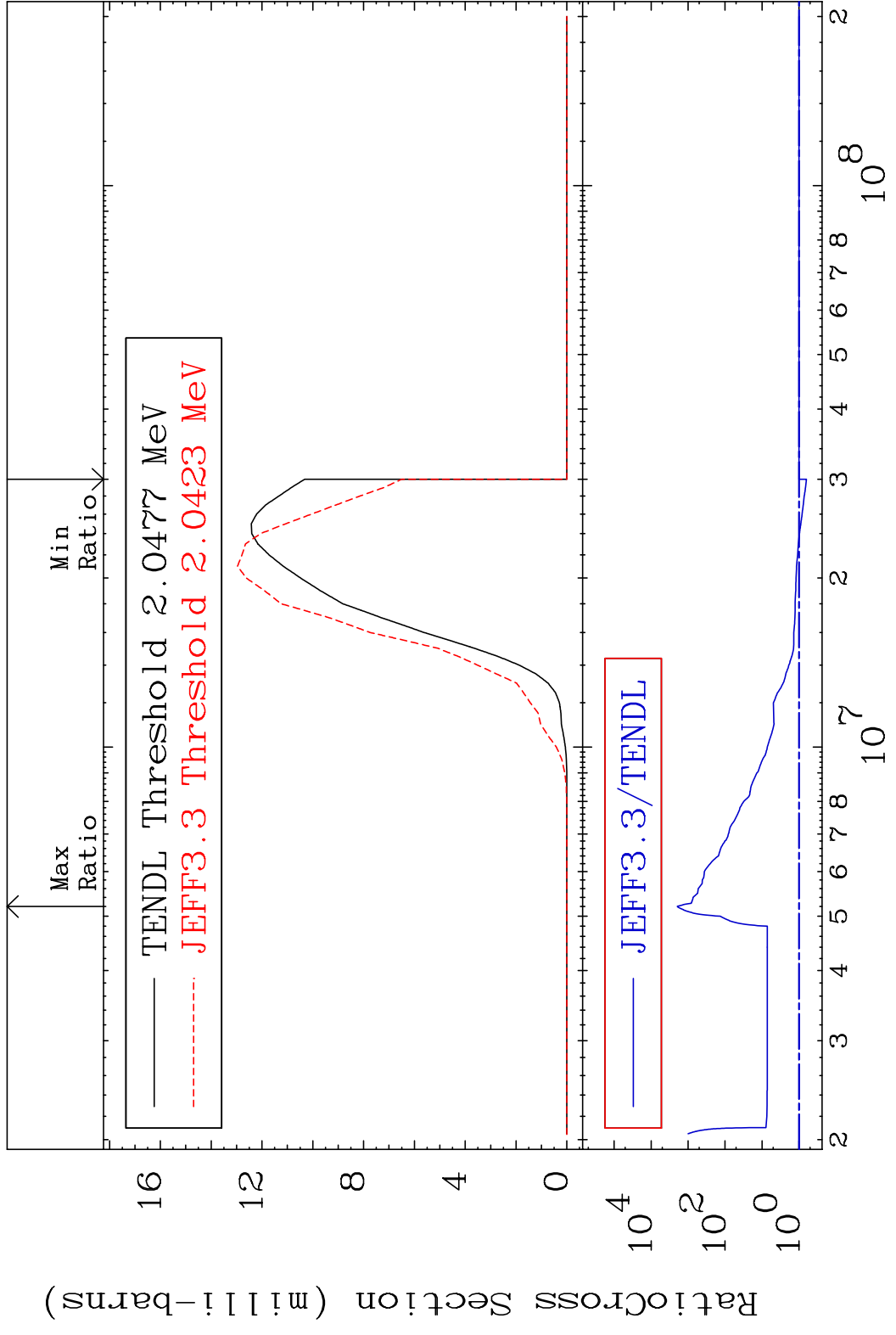
MAT 4513 (n,3n):45-Rh-97m1 45-Rh-99
 Radionuclide Production Cross Section 386.3 %

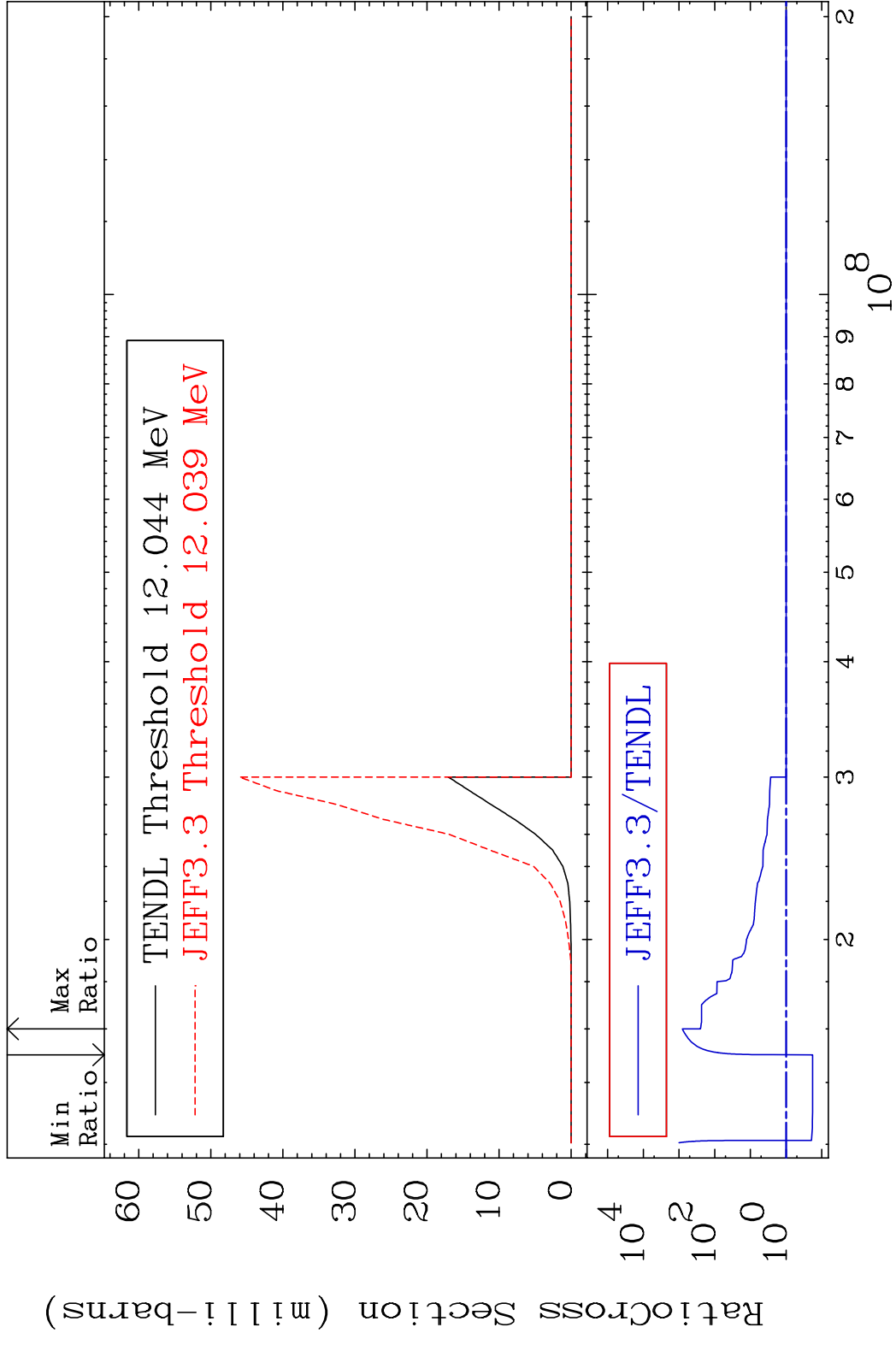


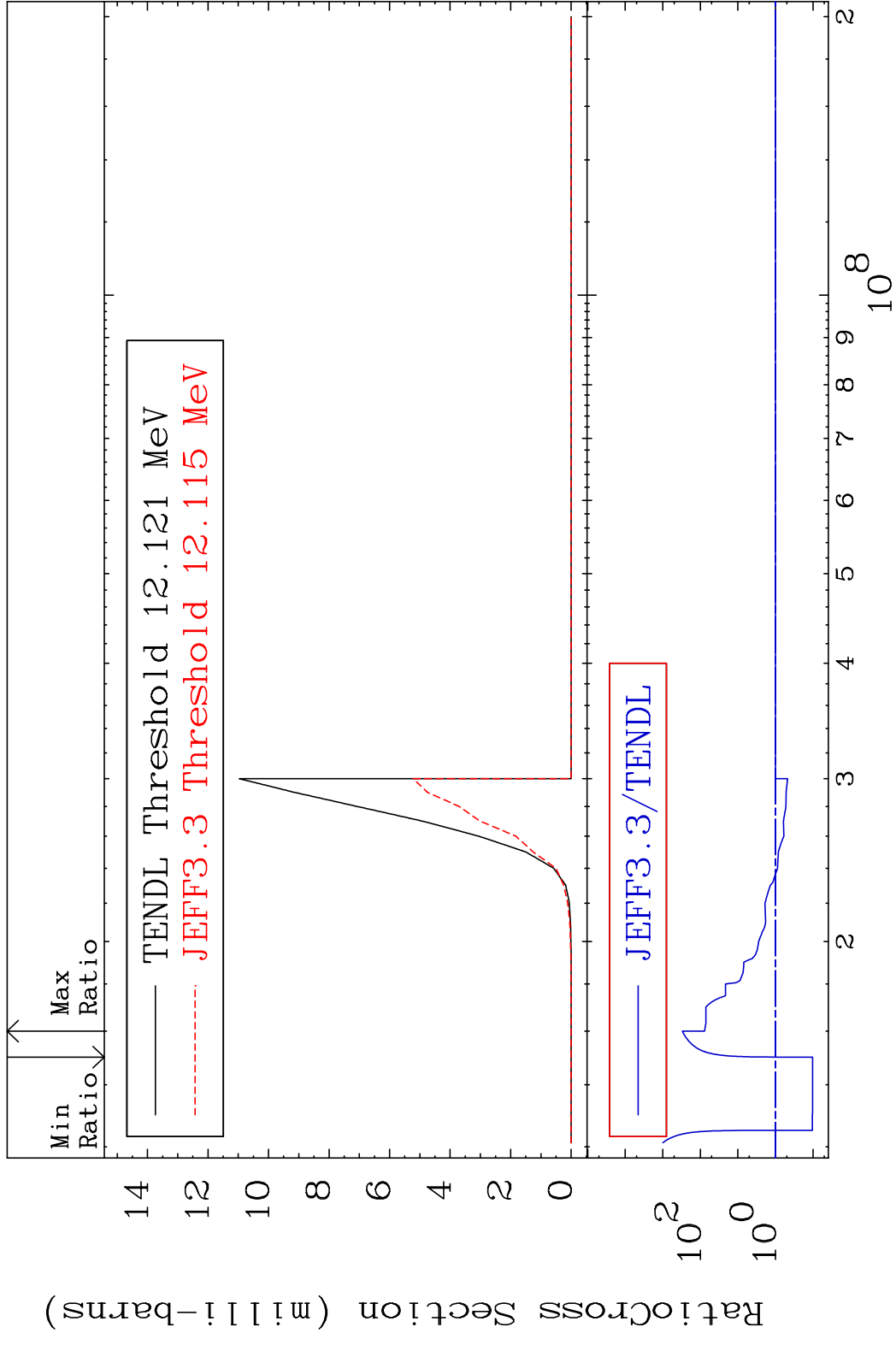
80 45-Rh-99

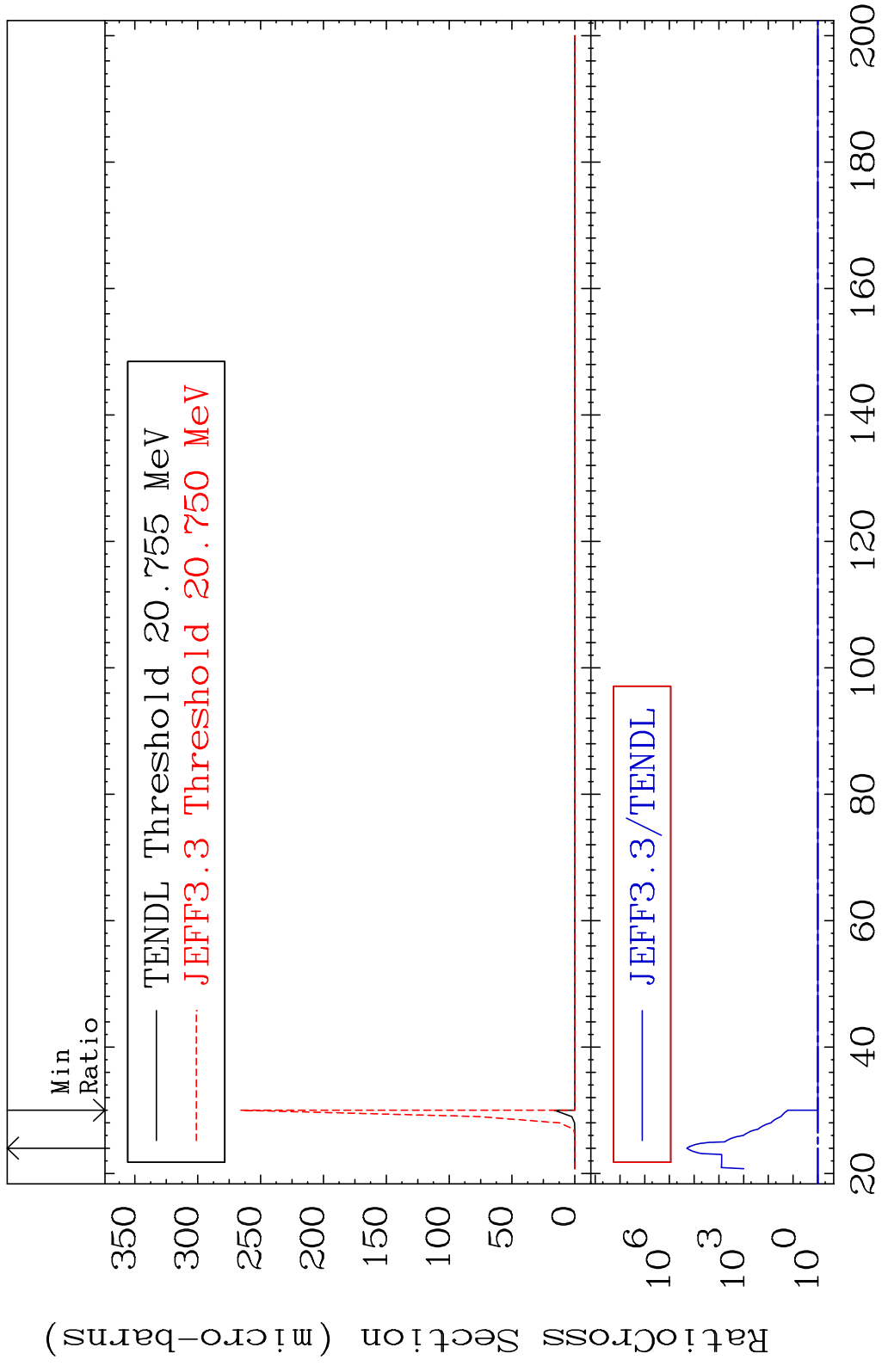


MAT 4513 (n, n') α :43-Tc-95m1 45-Rh-99
 Radionuclide Production Cross Section to 9999. %

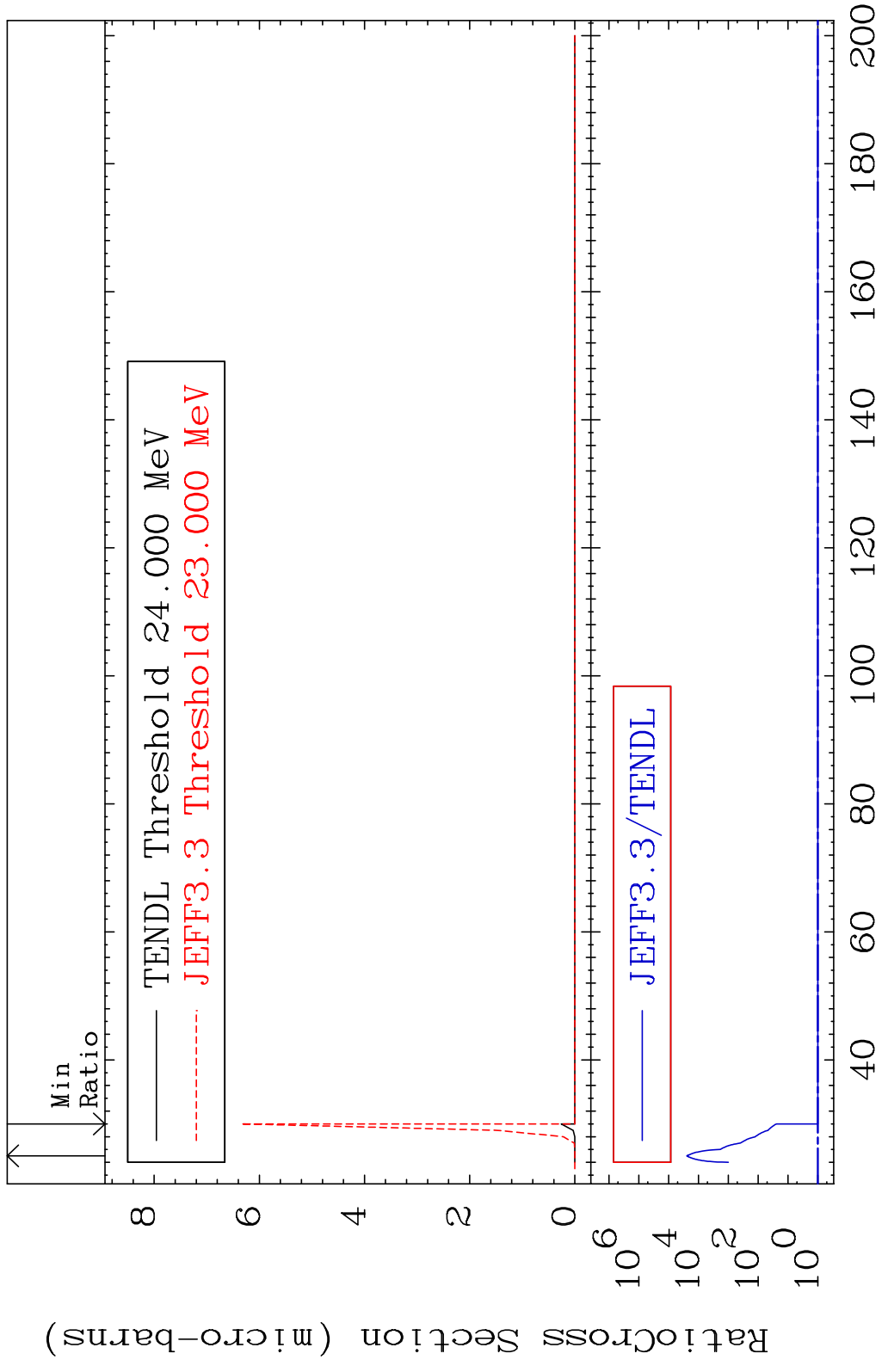


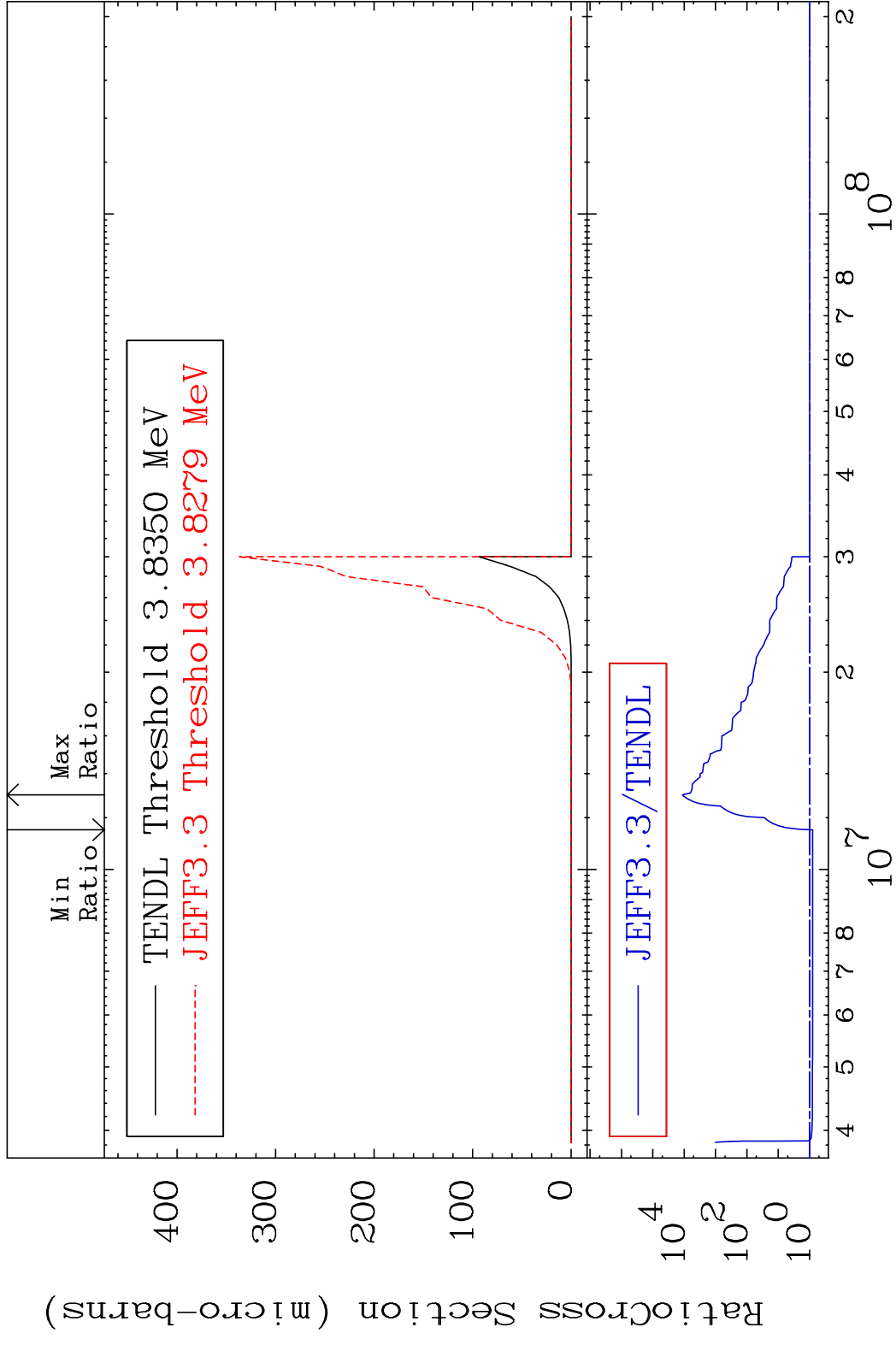


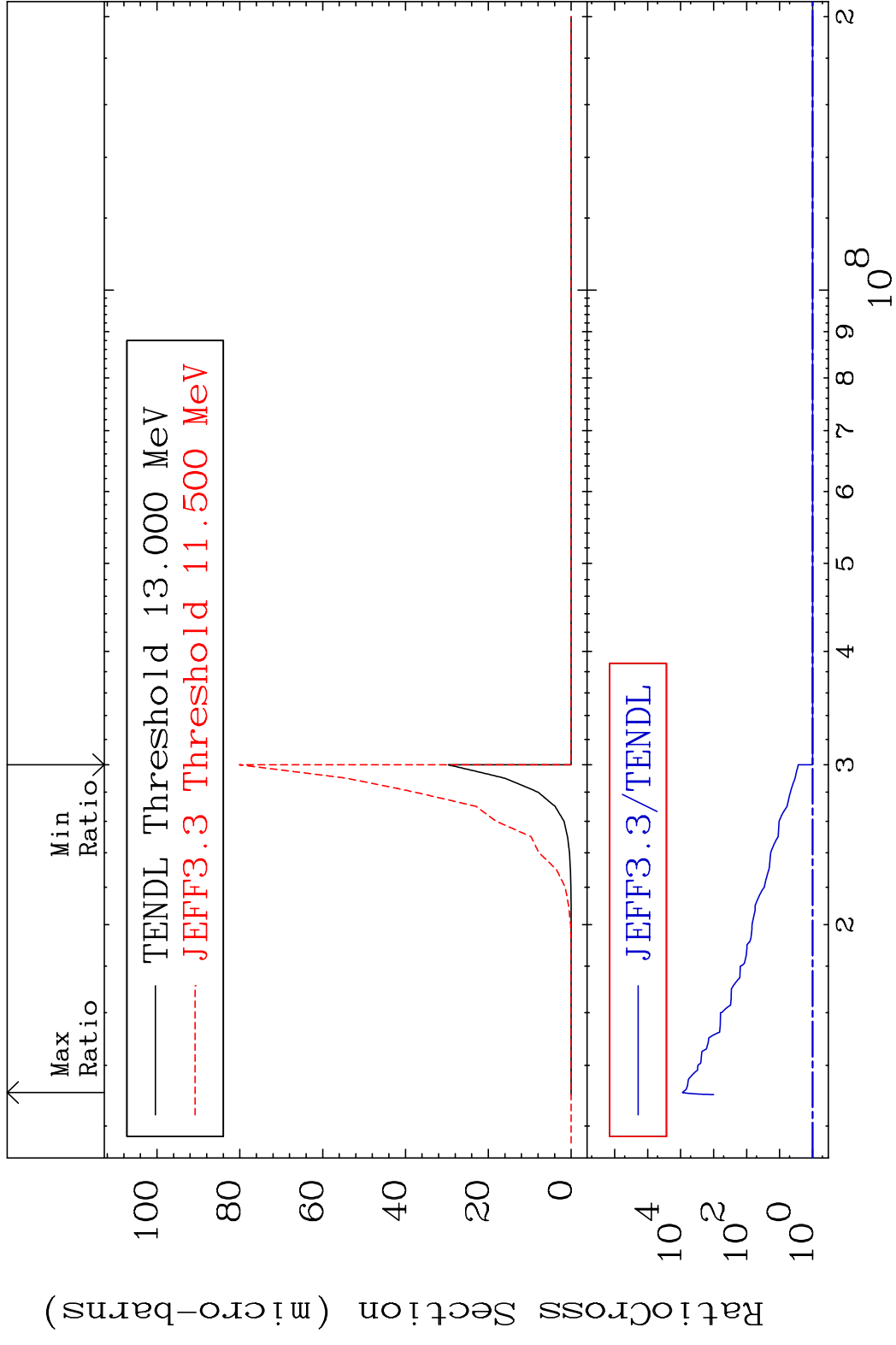


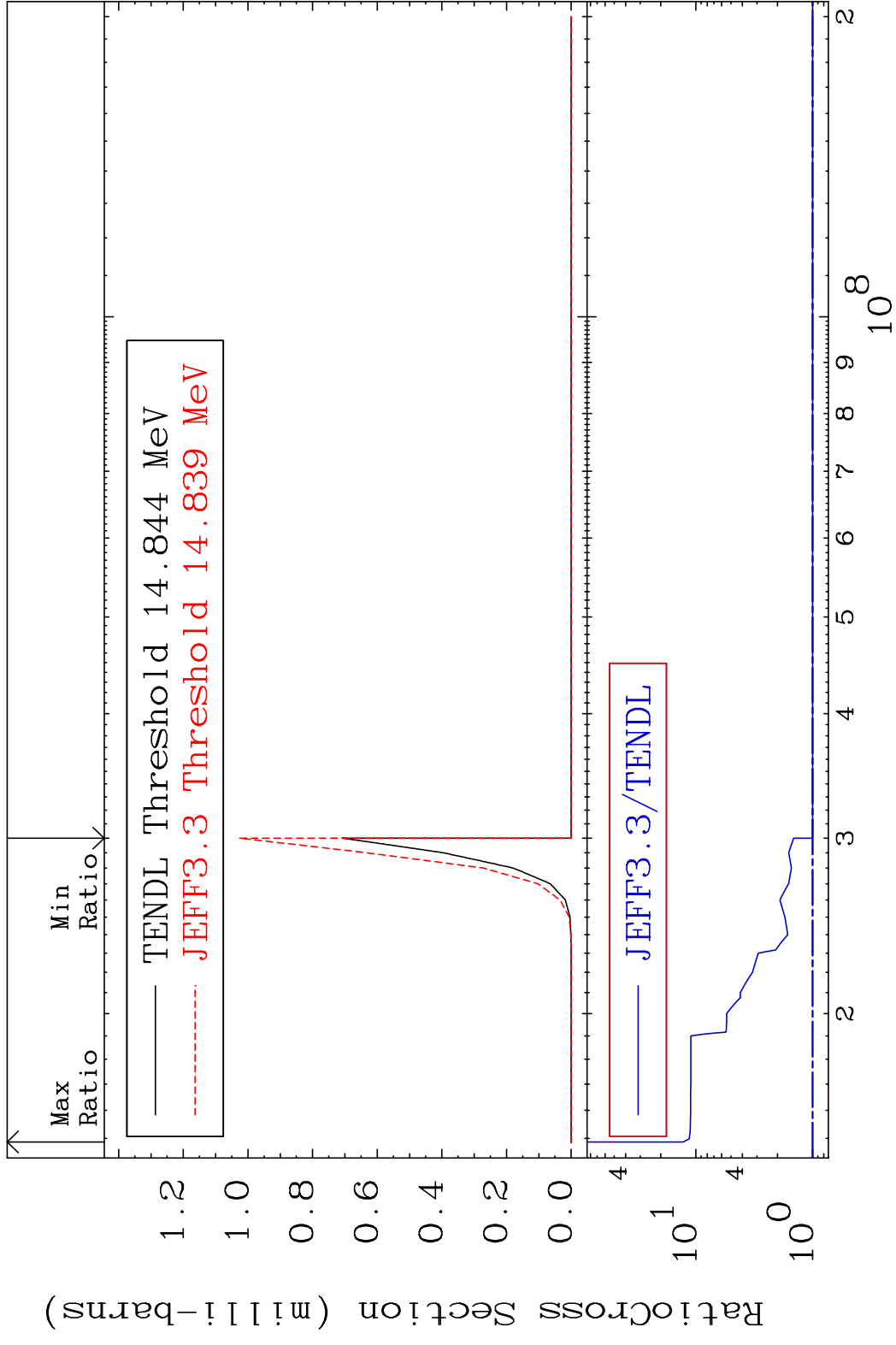


MAT 4513 (n,3n) α :43-Tc-93m1 45-Rh-99
 Radionuclide Production Cross Section 9999. %

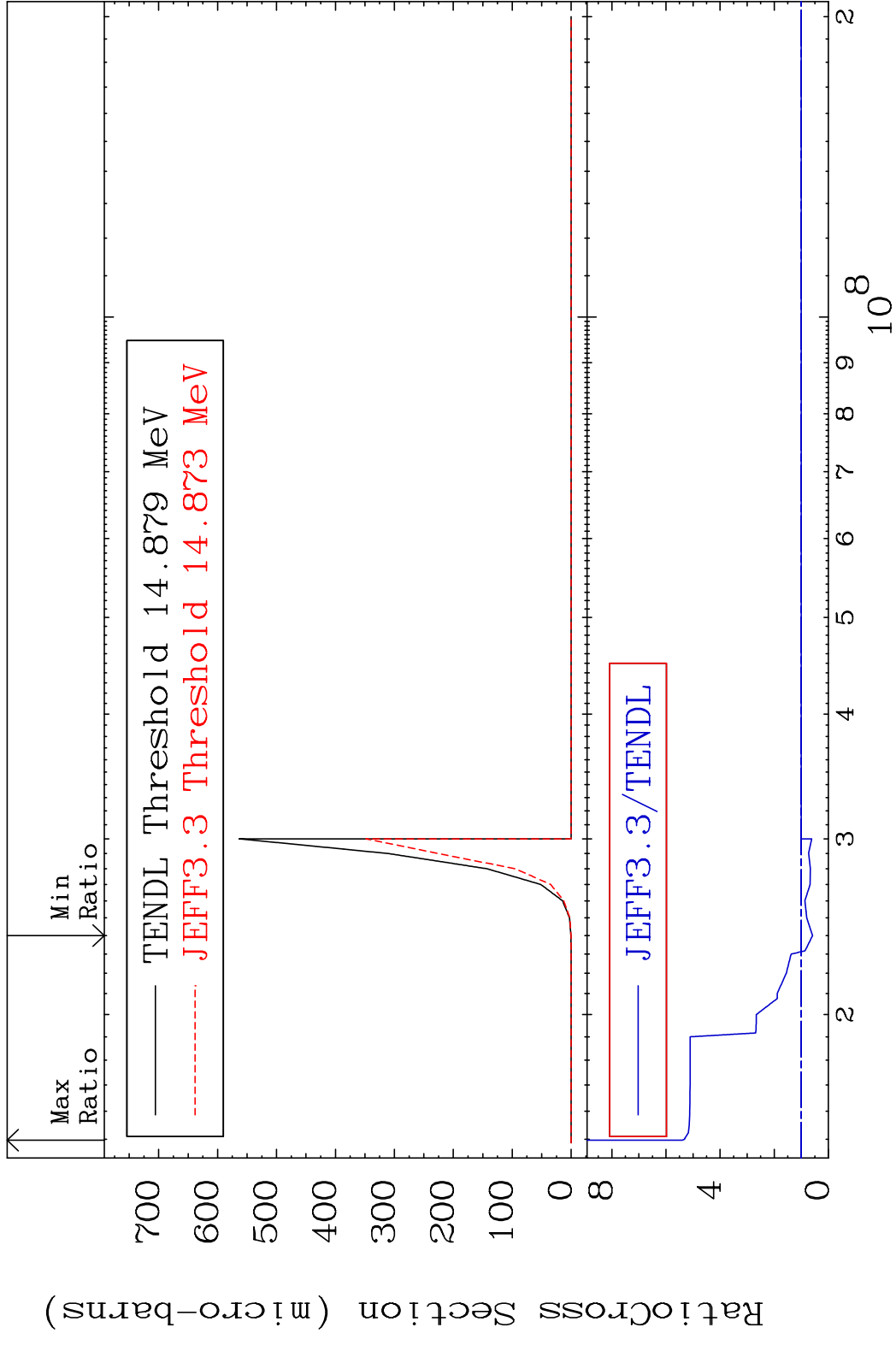


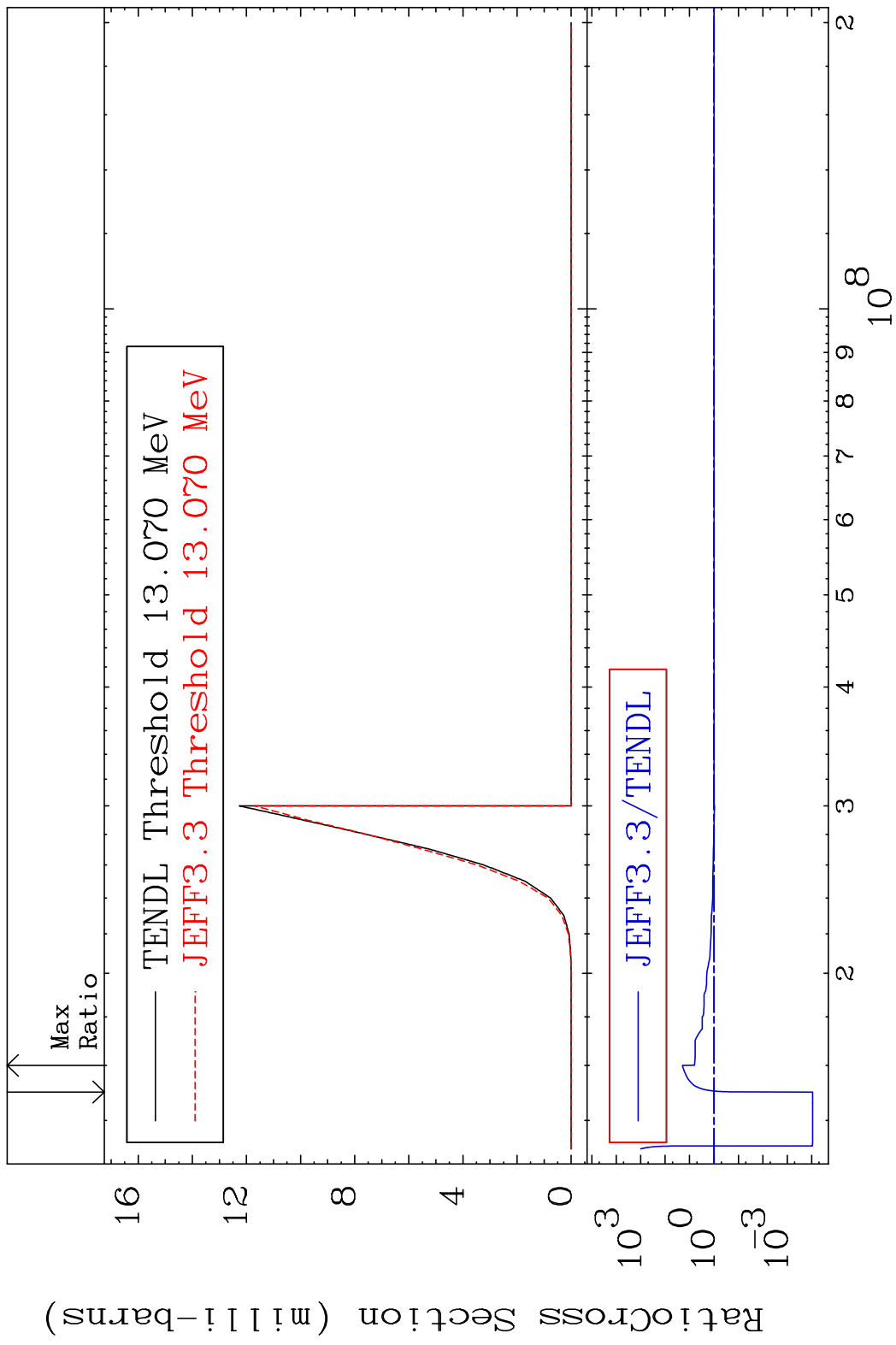


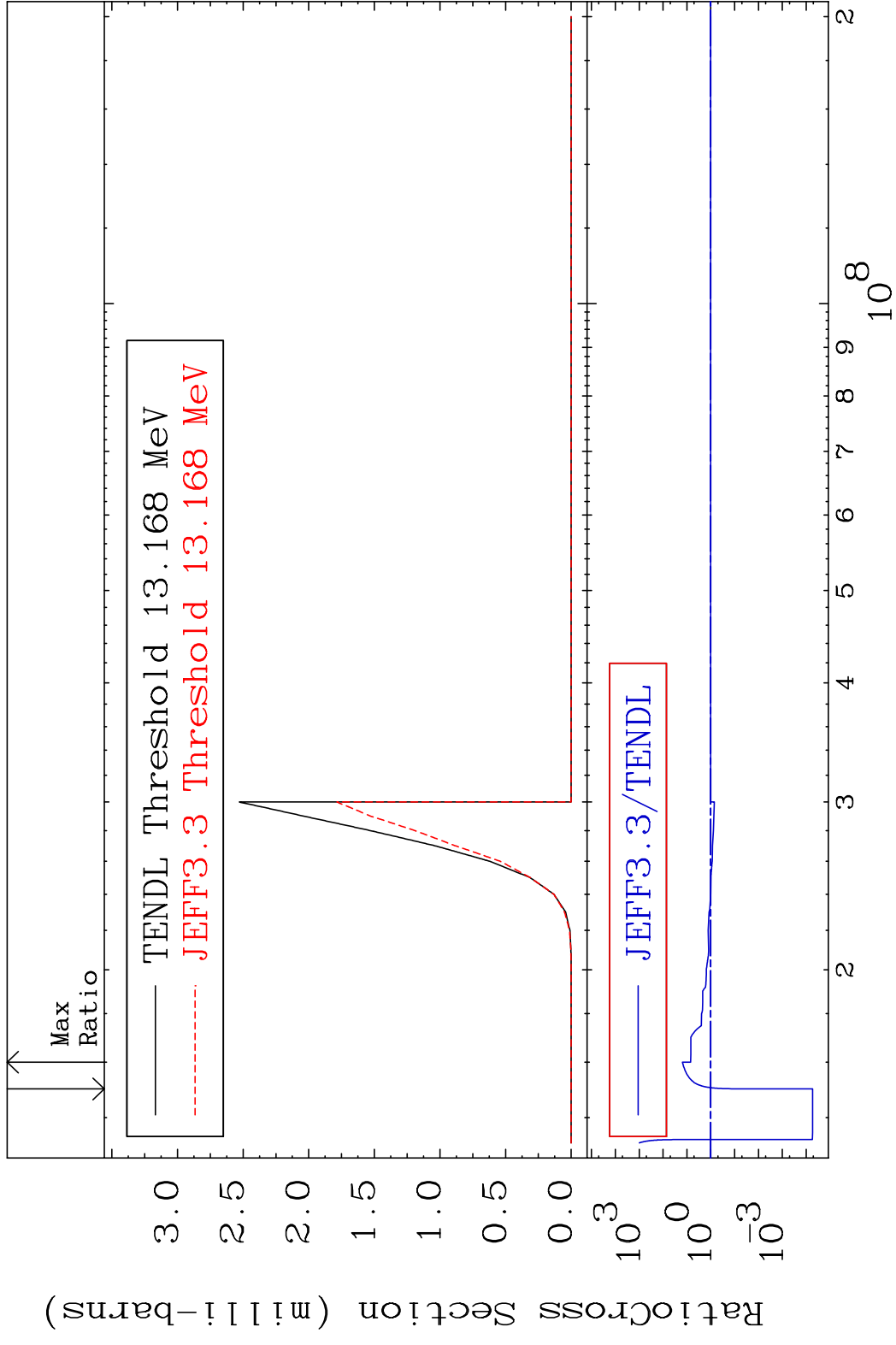


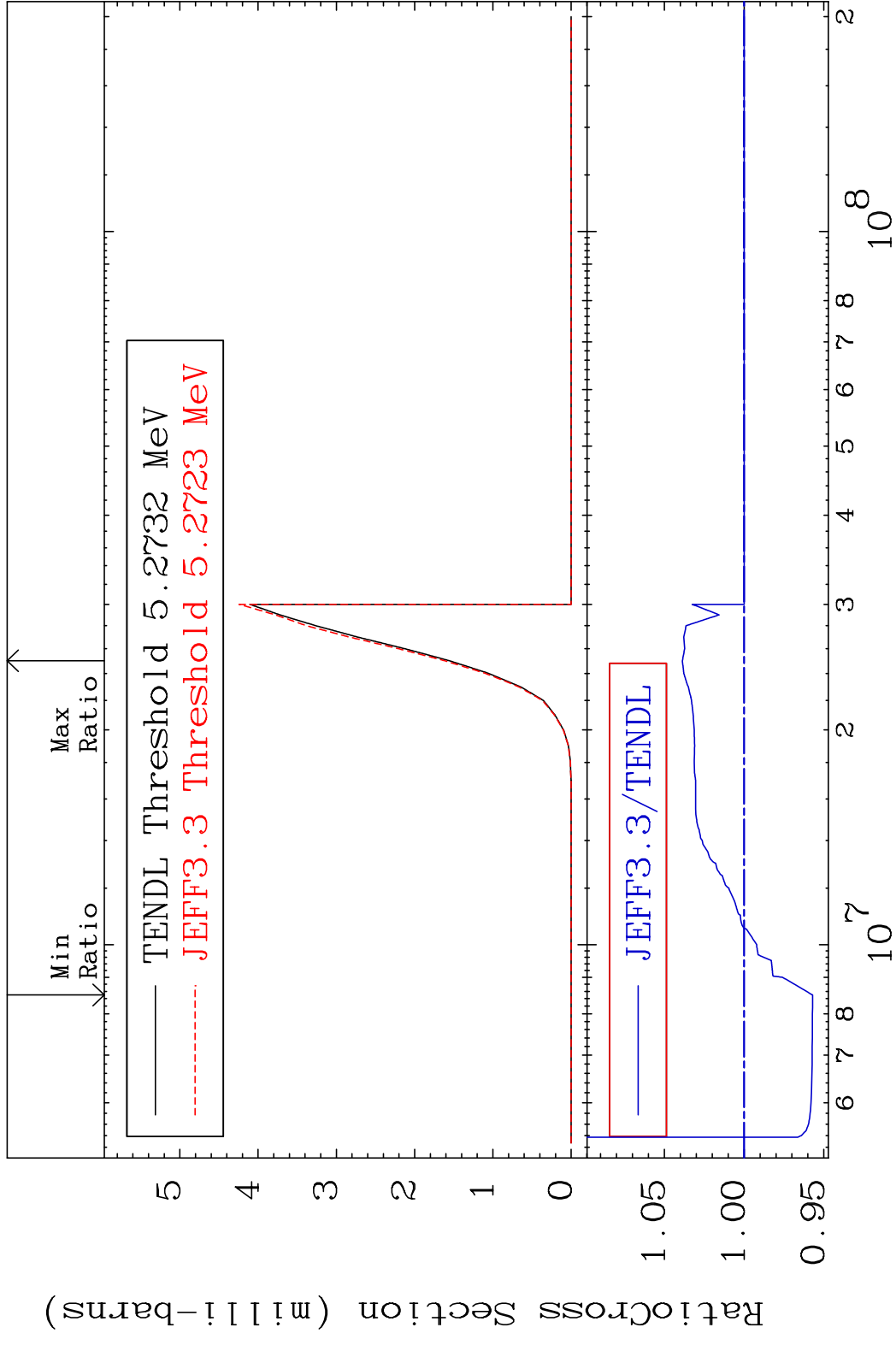


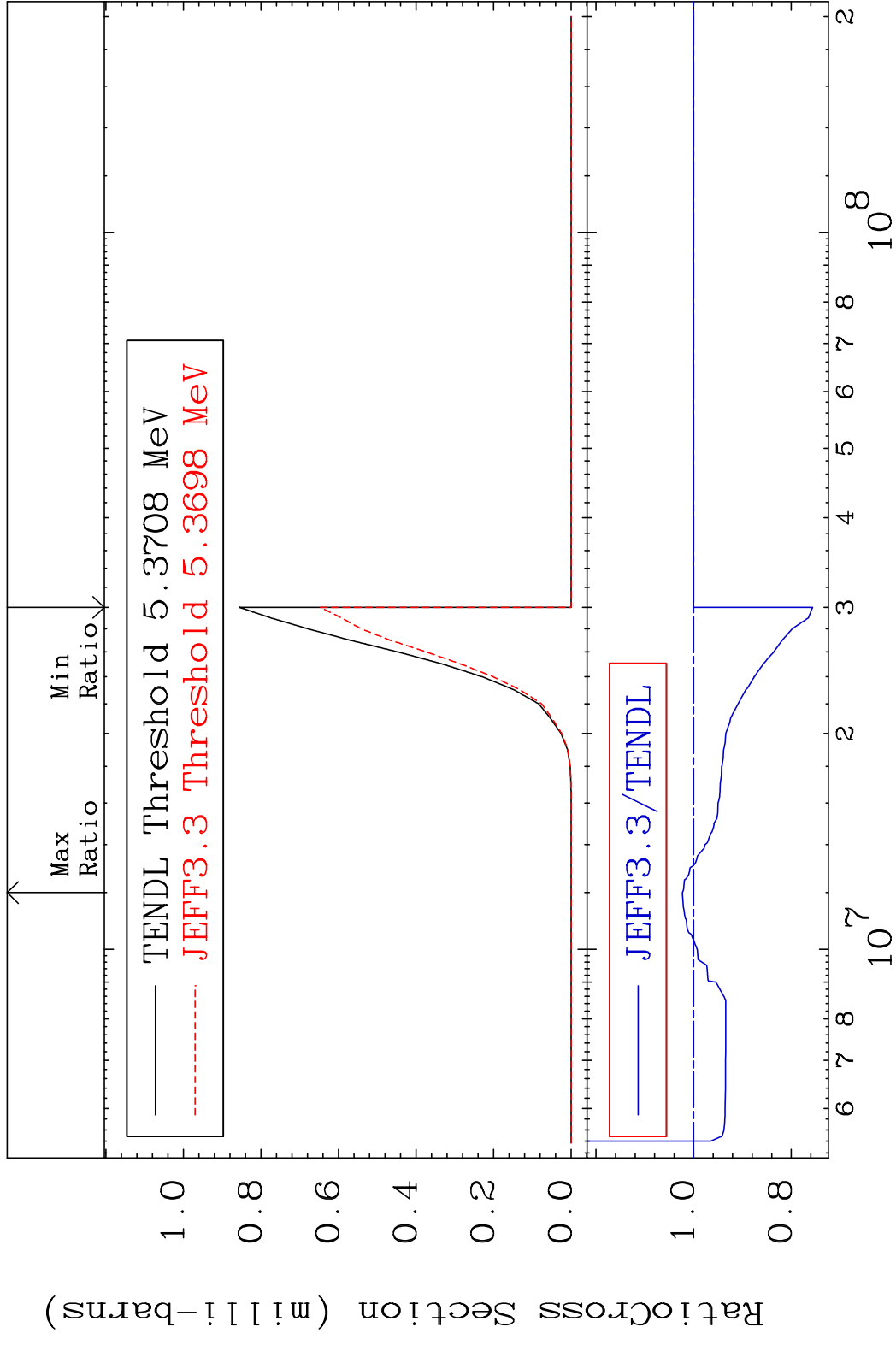
MAT 4513 (n, n') He-3:43-Tc-96m1 45-Rh-99
 Radionuclide Production Cross Section 439.4 %

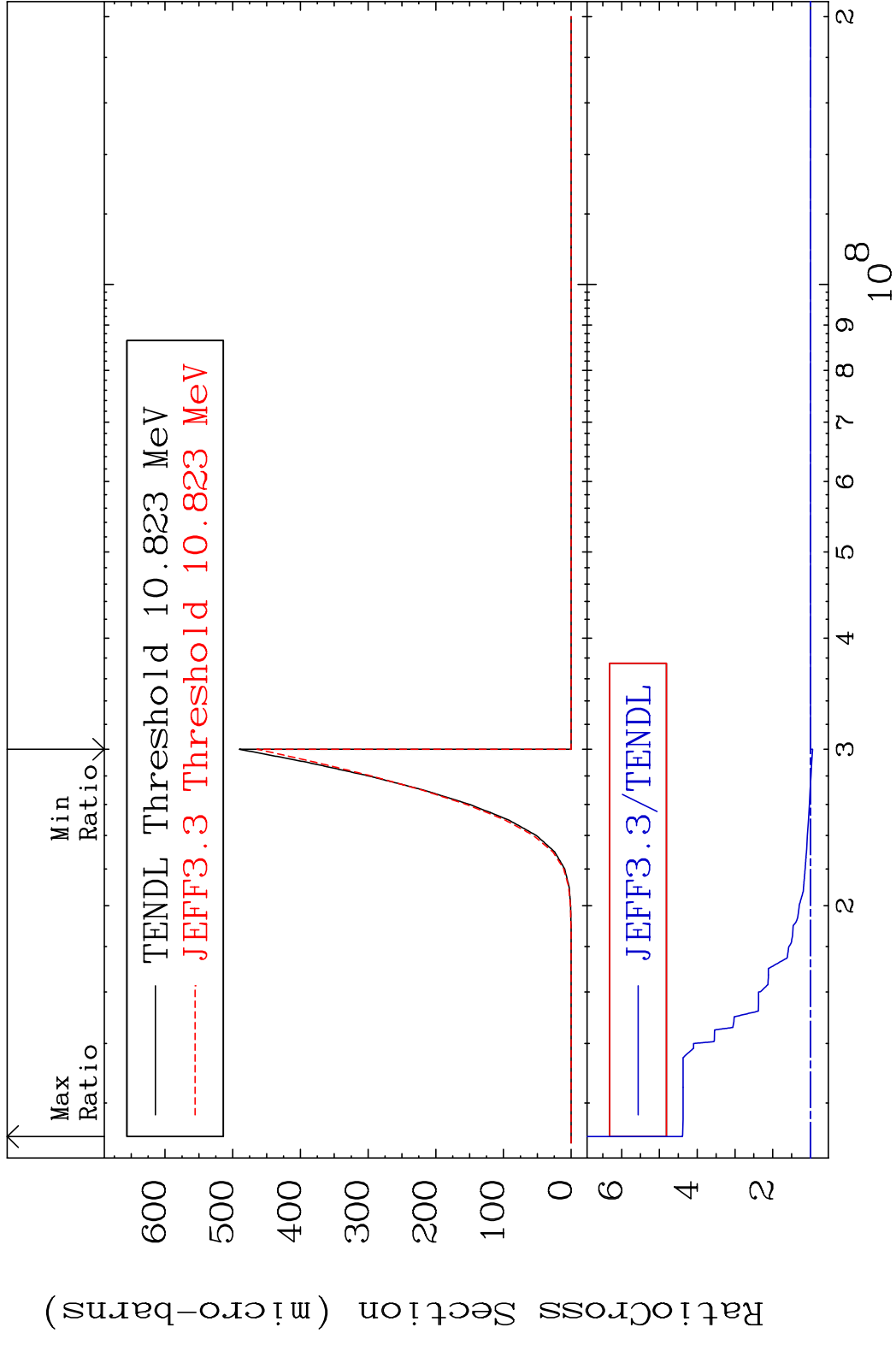


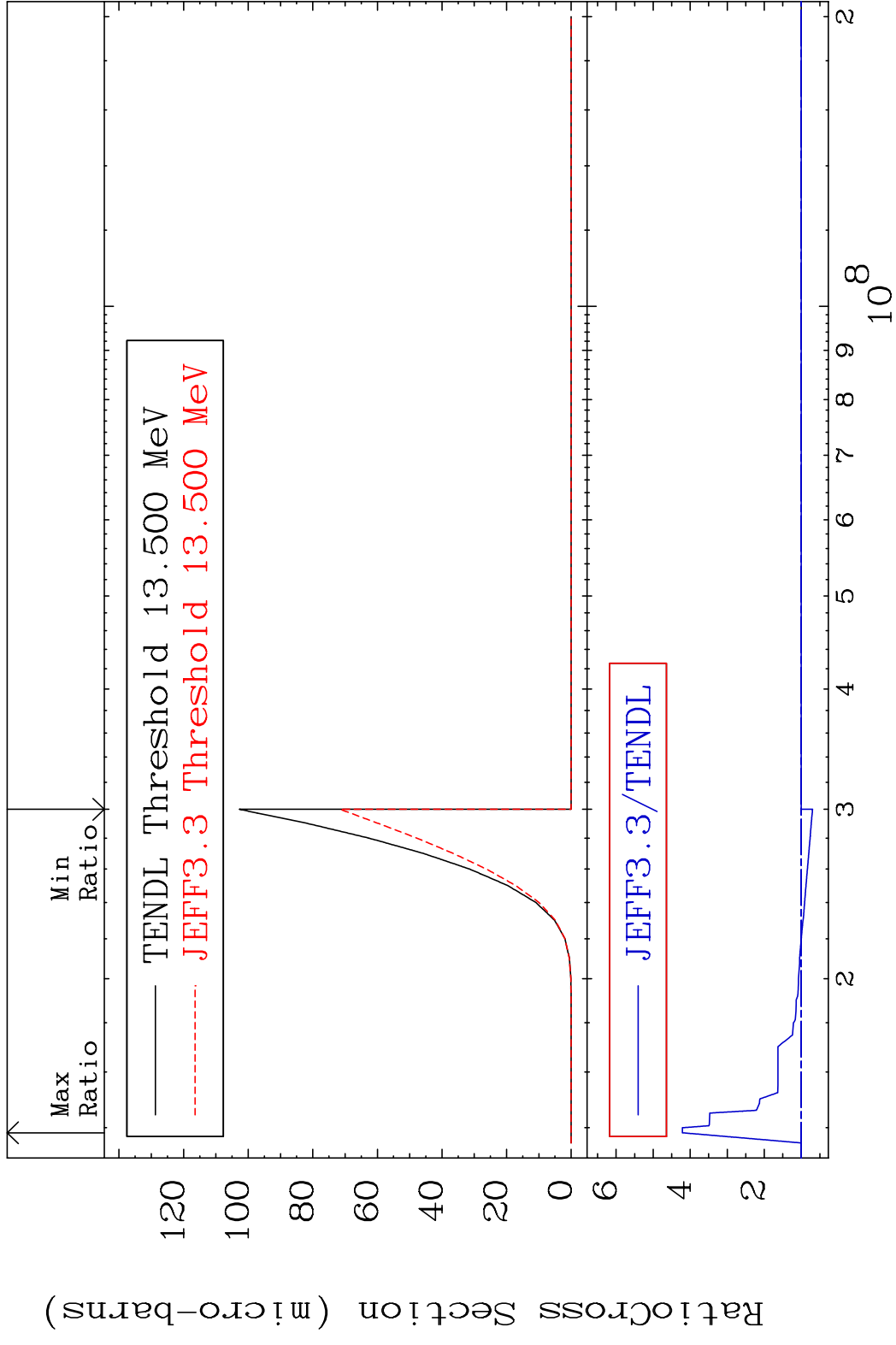












MAT 4513 (n, p) t:43-Tc-96g 45-Rh-99
 Radionuclide Production Cross Section 98e99idto 743.1 %

