

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

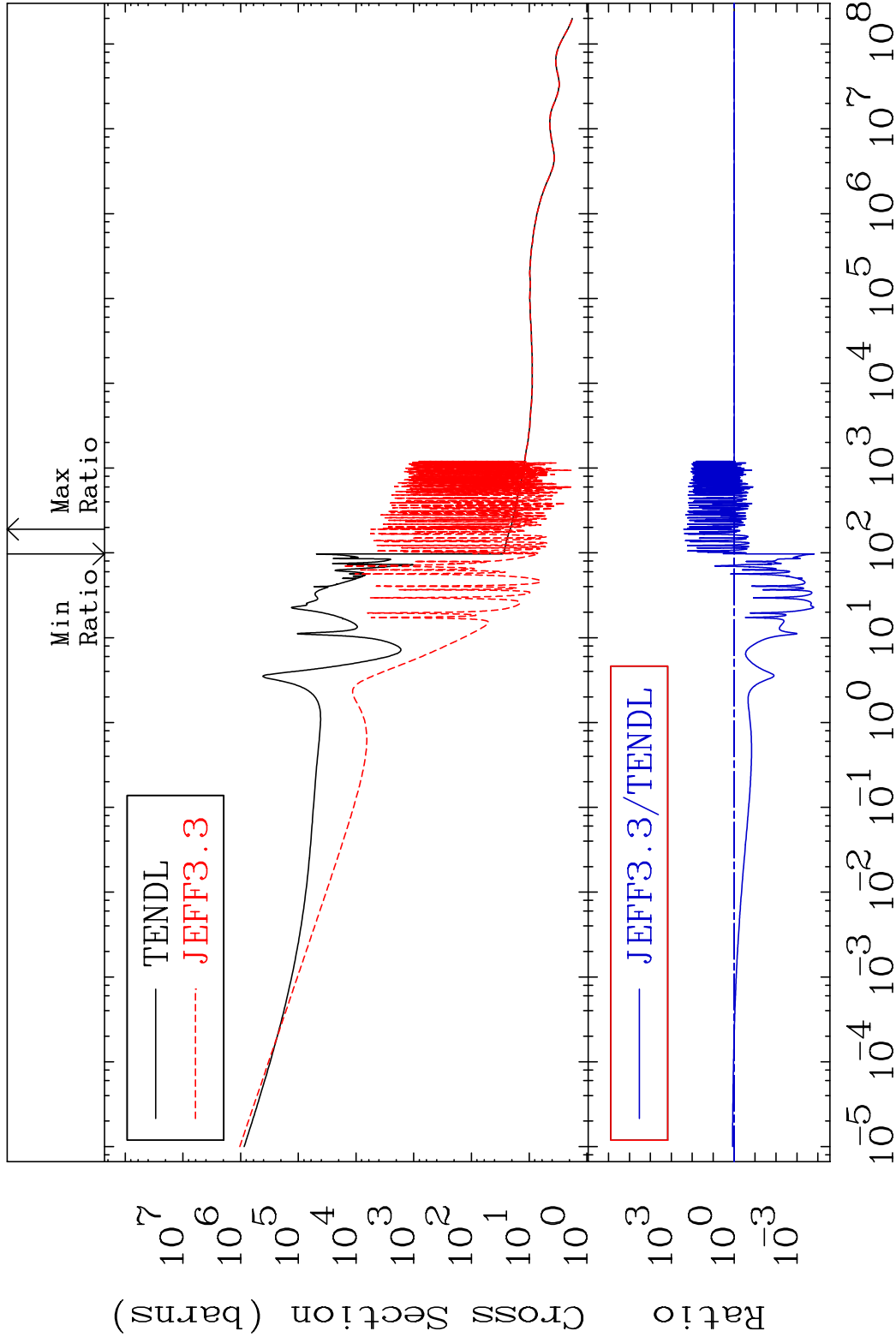
MAT 4531

Total

45-Rh-105

Cross Section

-99.98 To 9999. %



1

Incident Energy (eV)

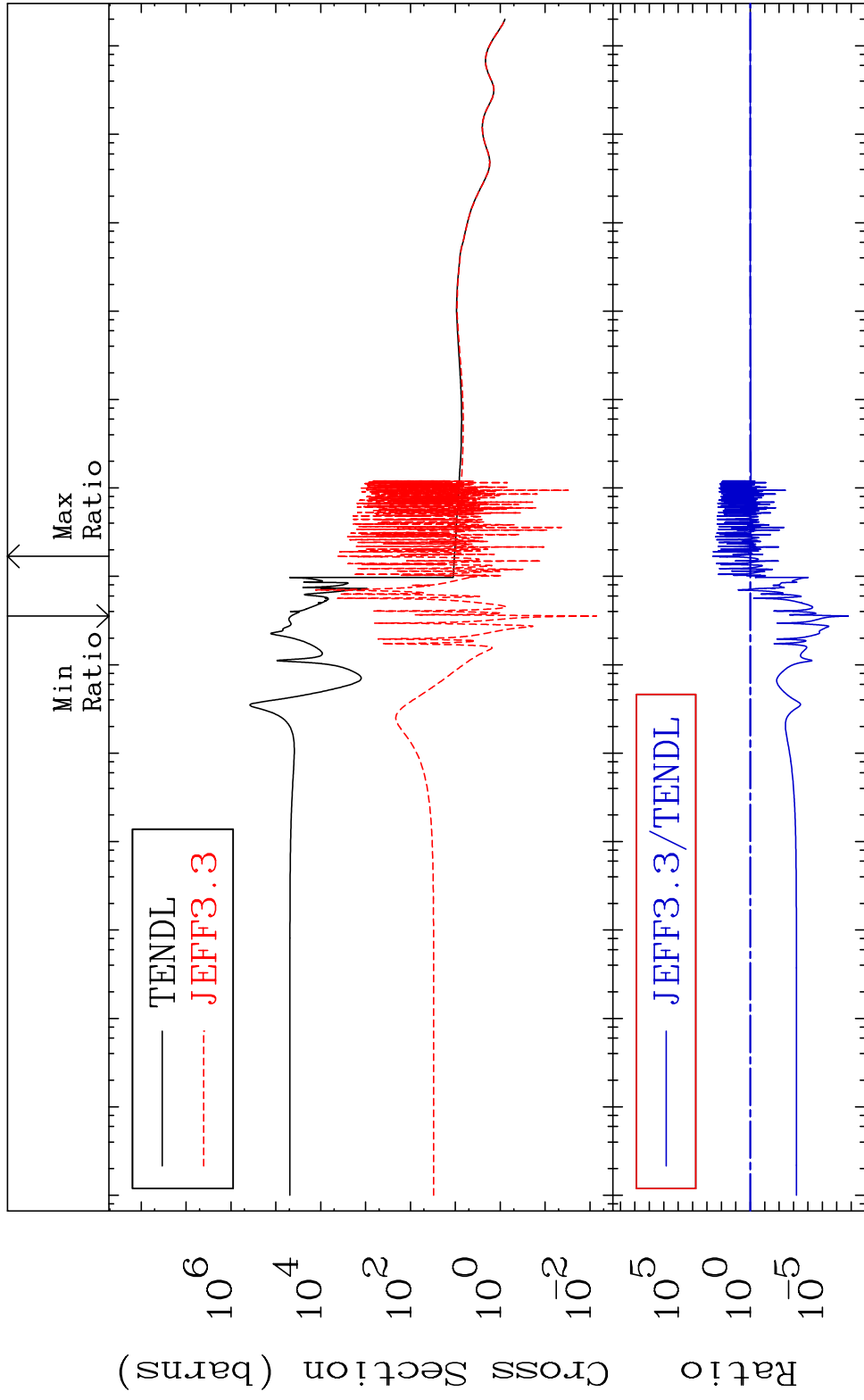
45-Rh-105

MAT 4531

Elastic

45-Rh-105

Cross Section -100.0 To 9999. %

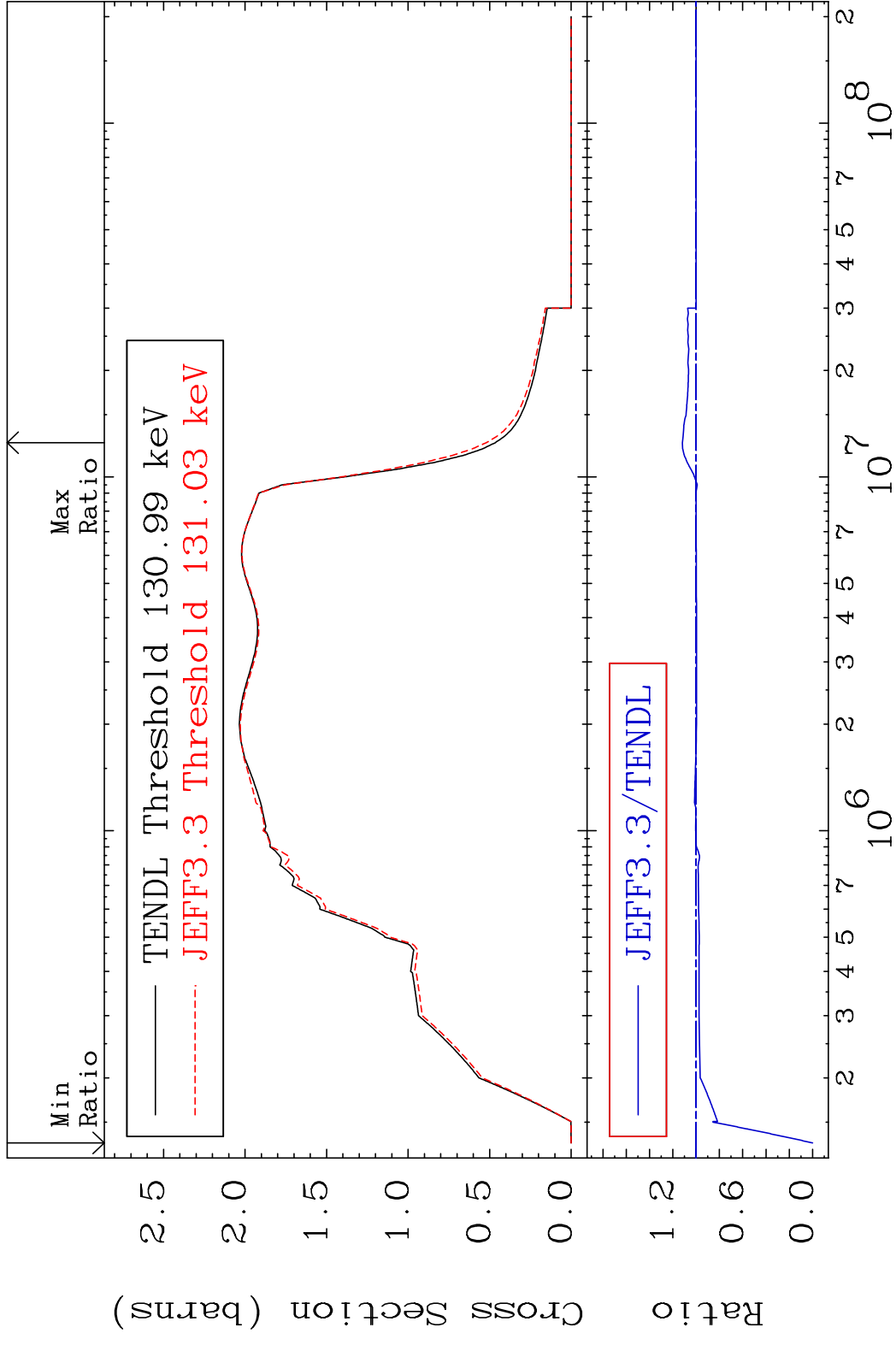


2

Incident Energy (eV)

45-Rh-105

MAT 4531 Inelastic Cross Section -100.0 To 11.83 % 45-Rh-105

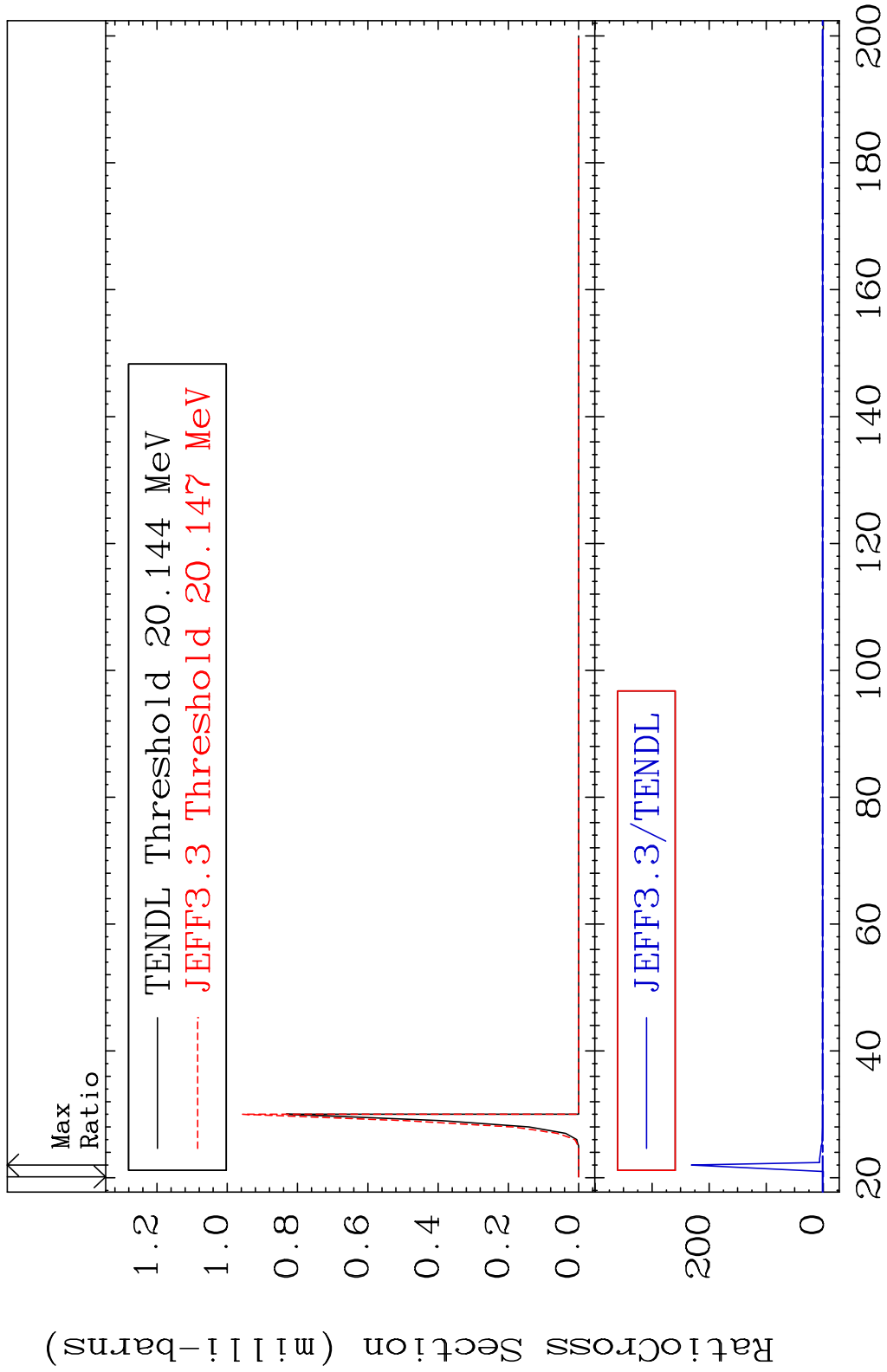


MAT 4531

(n,2n) d

45-Rh-105

Cross Section -100.0 To 9999. %



4

Incident Energy (MeV)

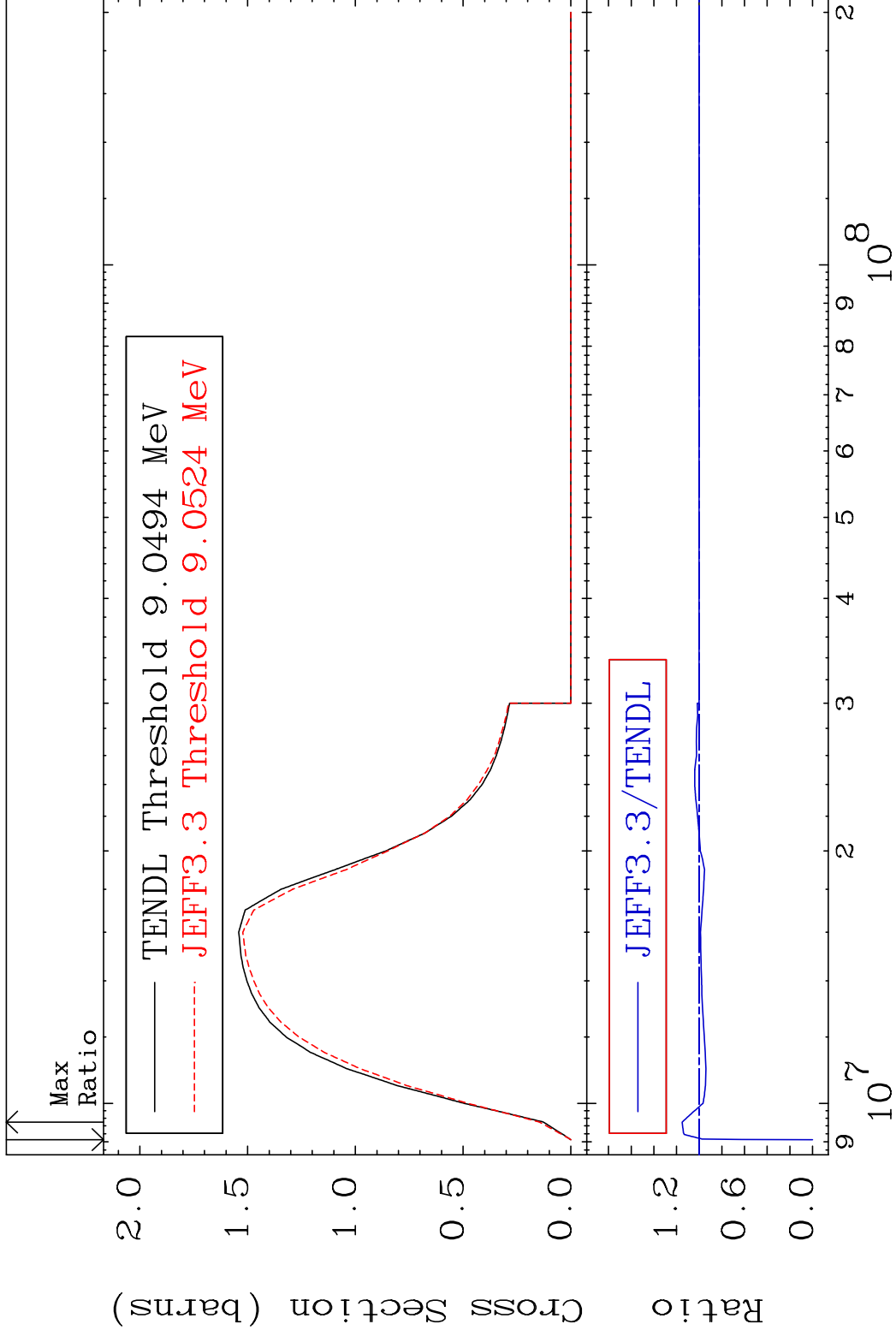
45-Rh-105

MAT 4531

(n,2n)

45-Rh-105

Cross Section -100.0 To 15.02 %



5

Incident Energy (eV)

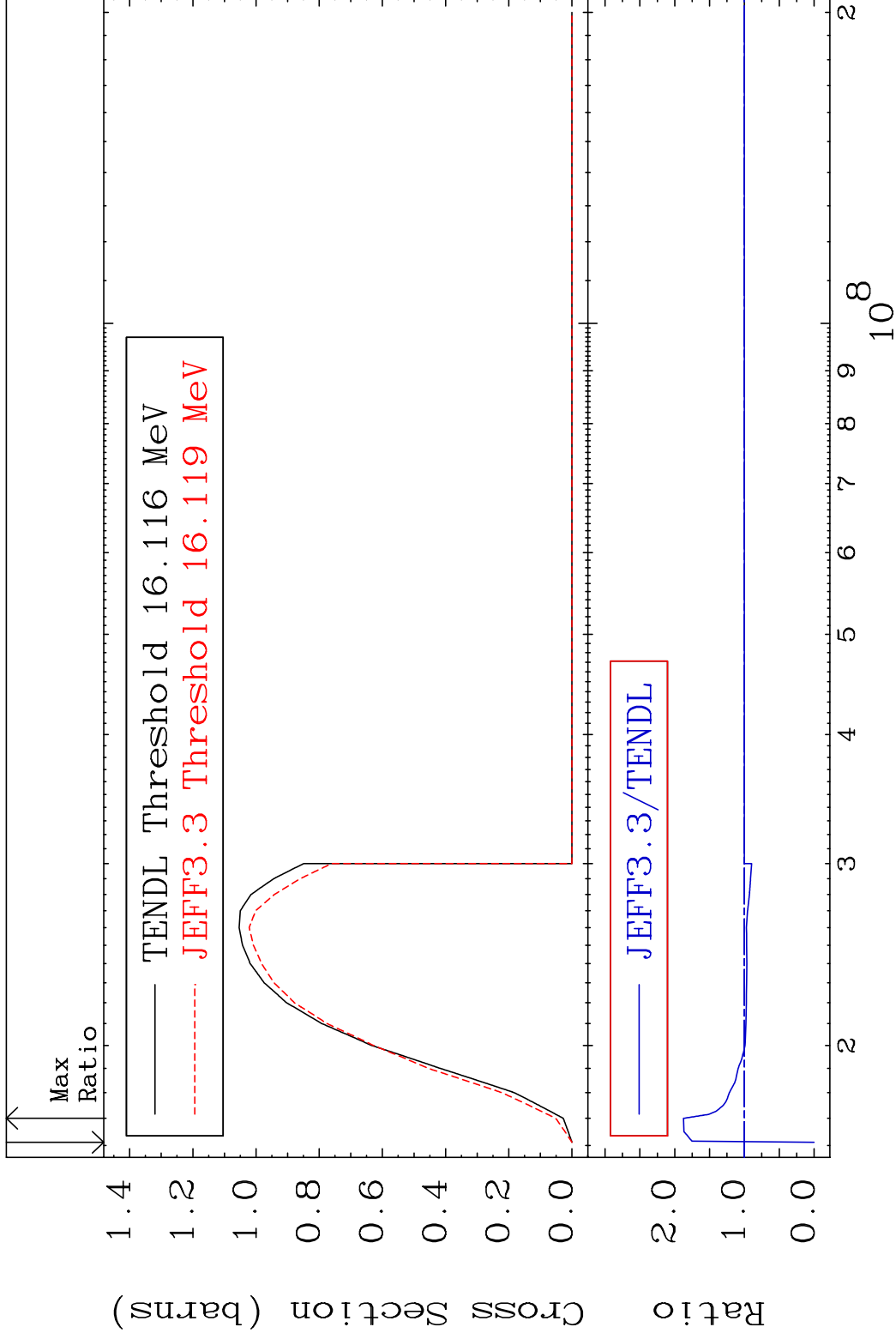
45-Rh-105

MAT 4531

(n,3n)

45-Rh-105

Cross Section -100.0 To 87.46 %



6

Incident Energy (eV)

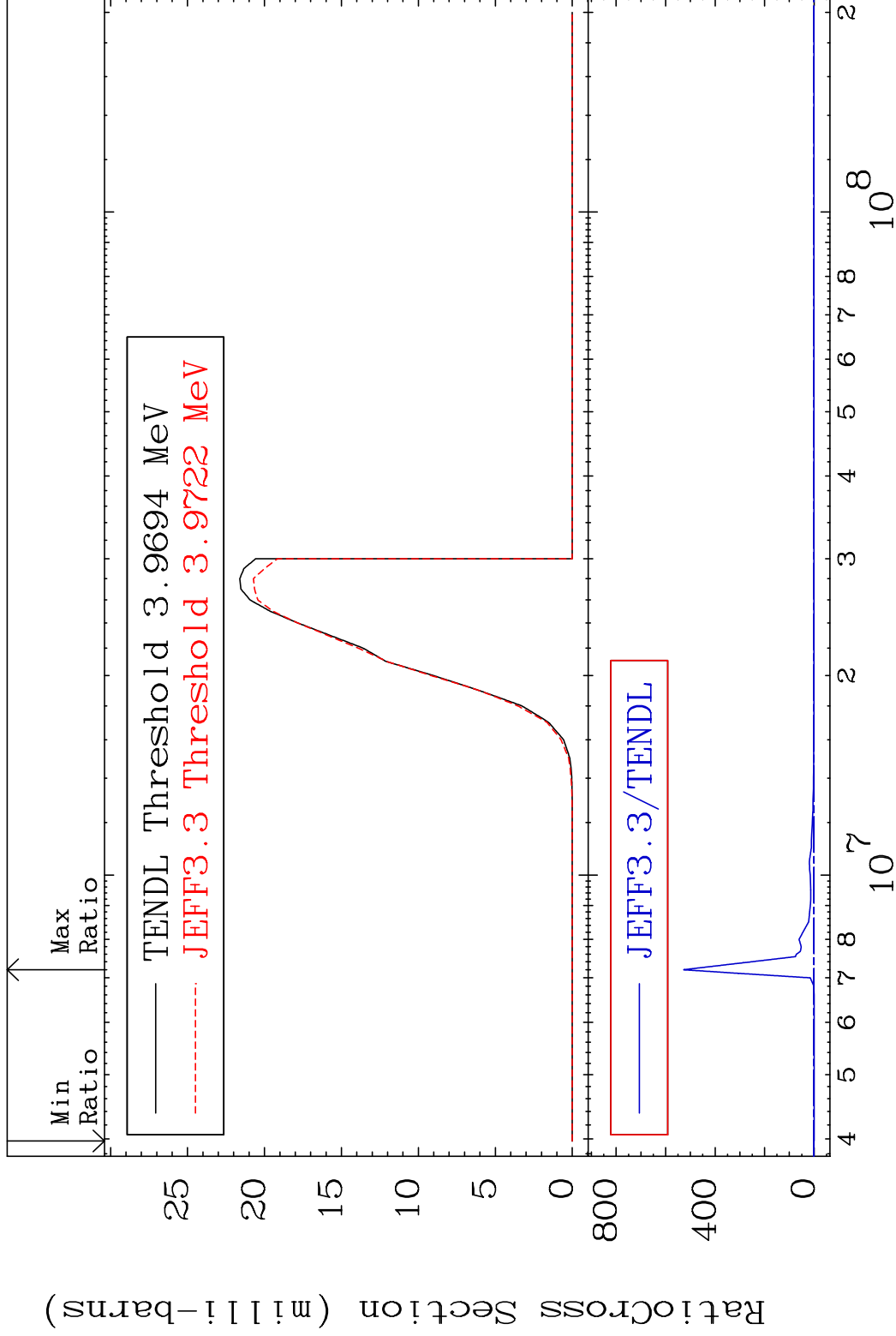
45-Rh-105

MAT 4531

(n, n') α

45-Rh-105

Cross Section -100.0 To 9999. %

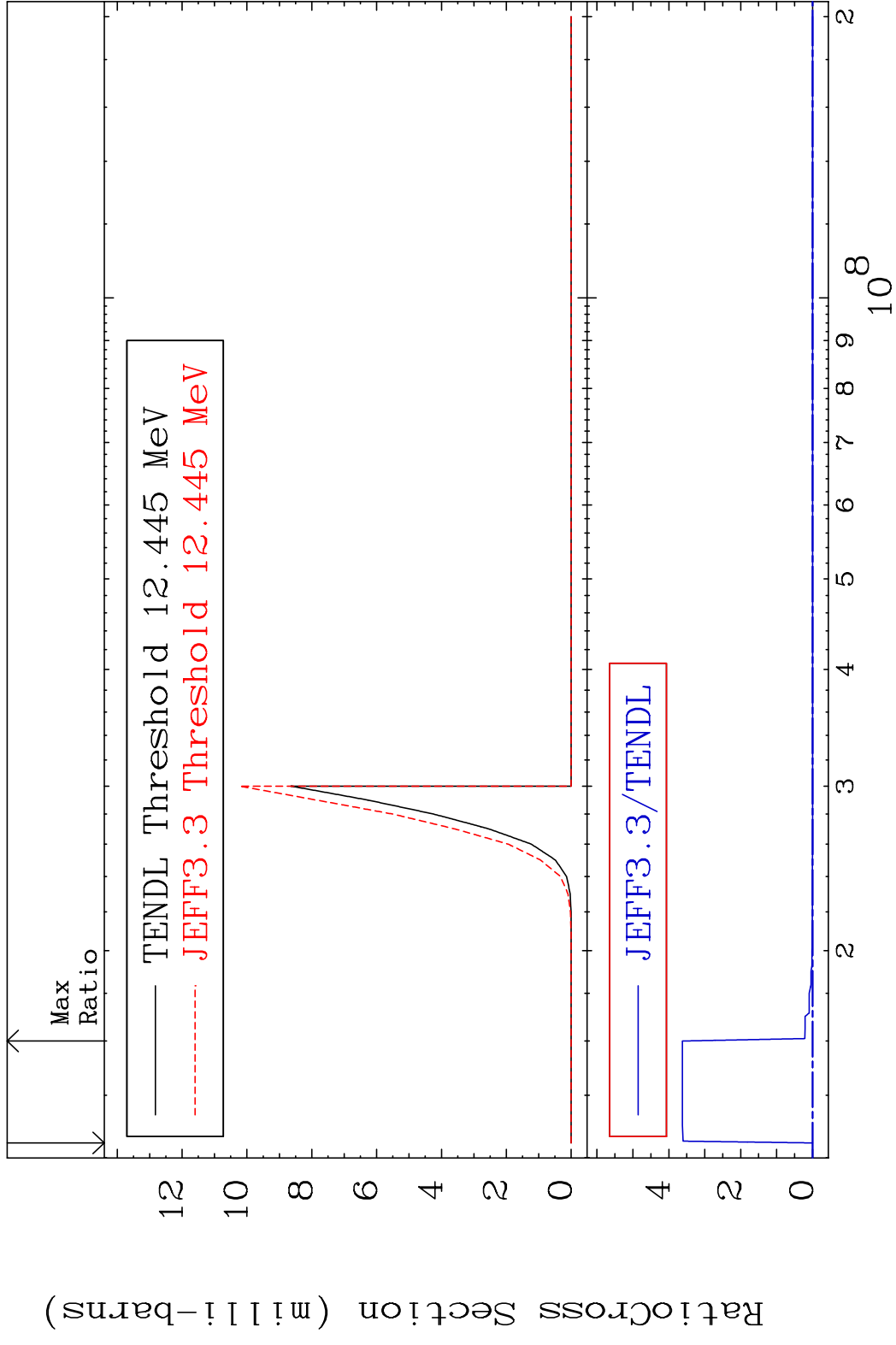


7

Incident Energy (eV)

45-Rh-105

MAT 4531 (n,2n) α 45-Rh-105
 Cross Section -100.0 To 9999. %

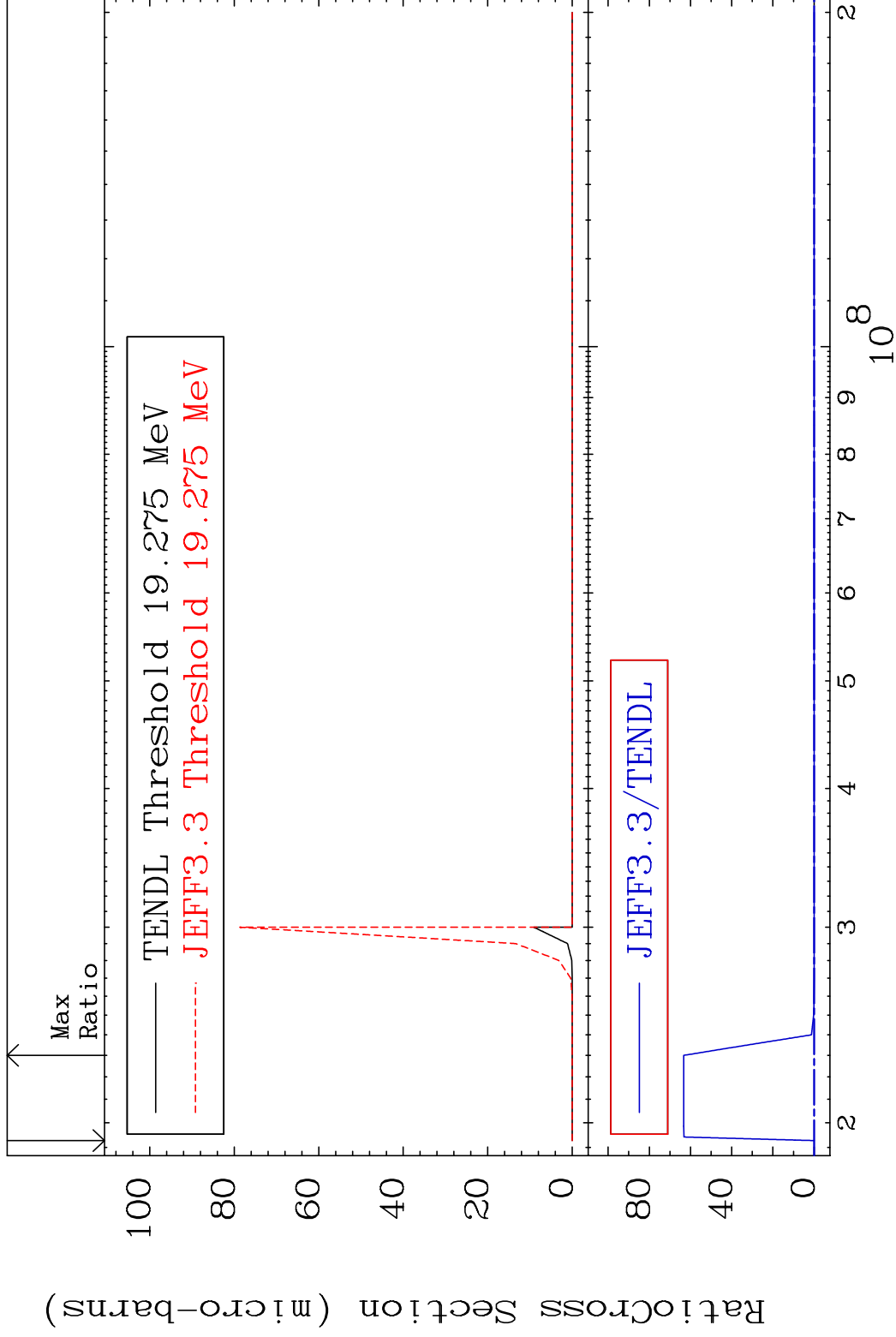


MAT 4531

(n,3n) α

45-Rh-105

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

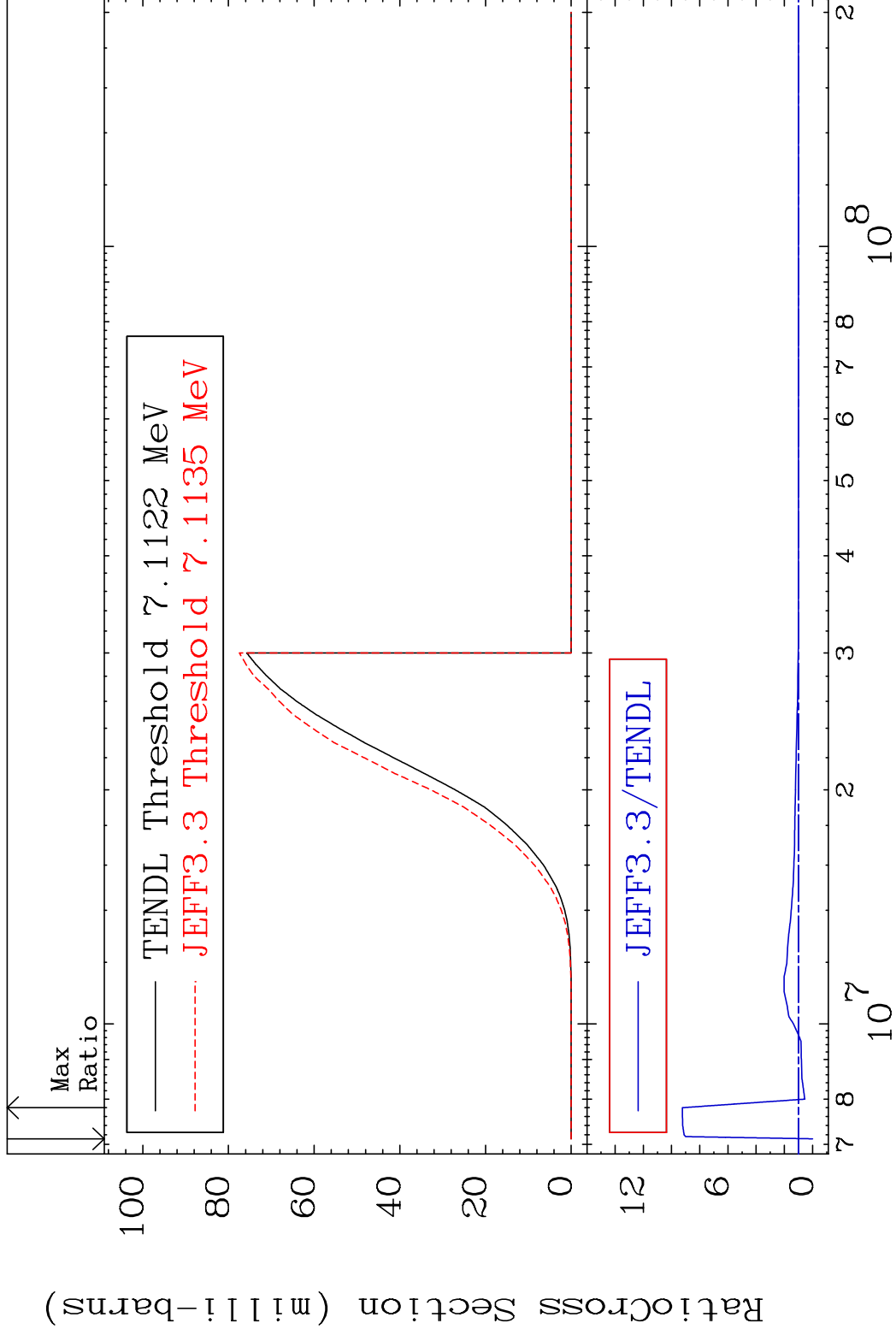
45-Rh-105

MAT 4531

(n, n') p

45-Rh-105

Cross Section -100.0 To 823.3 %



10

Incident Energy (eV)

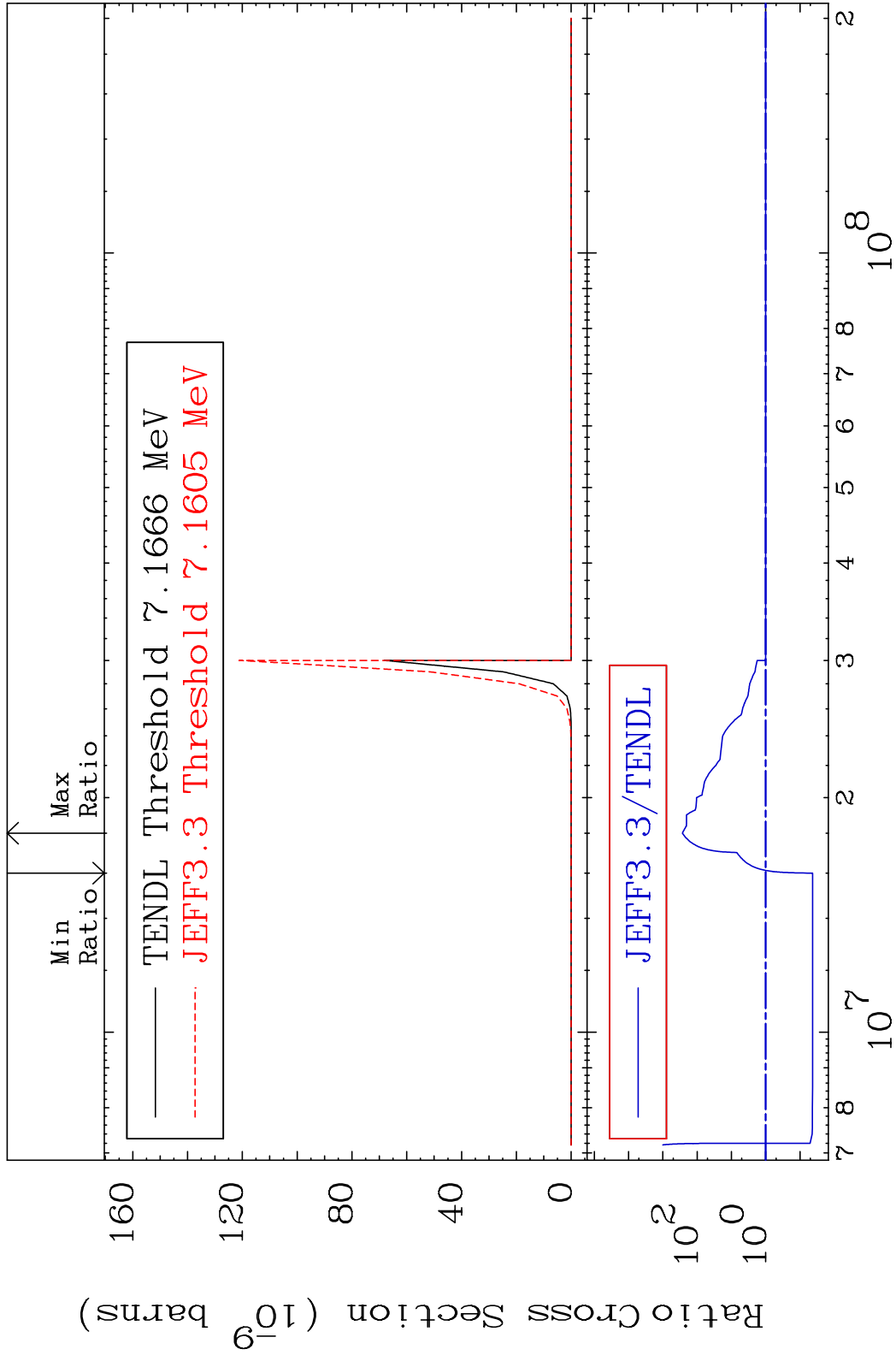
45-Rh-105

MAT 4531

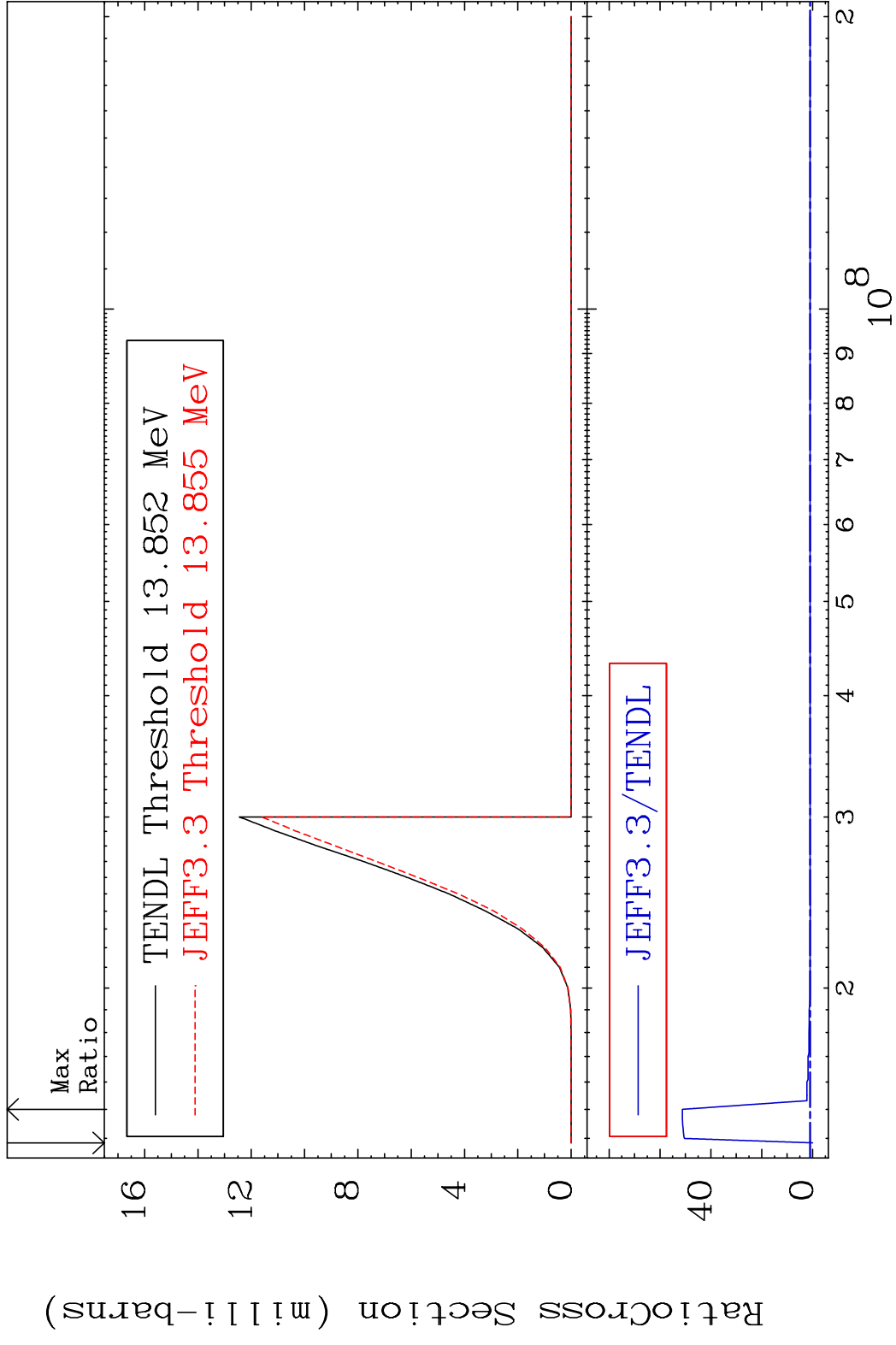
(n, n') 2α

45-Rh-105

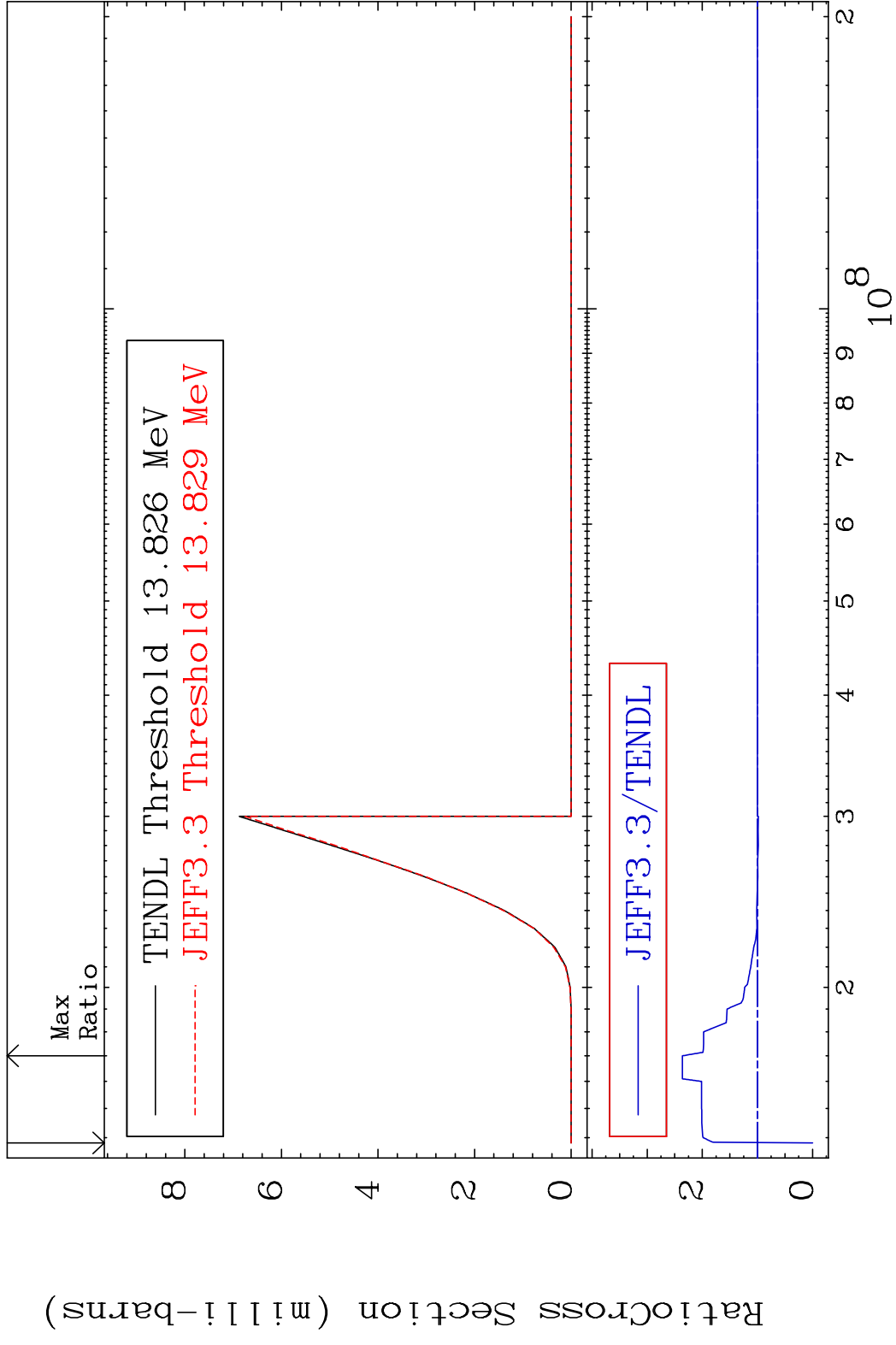
Cross Section -95.69 To 9999. %



MAT 4531 (n, n') d 45-Rh-105
 Cross Section -100.0 To 5020. %



MAT 4531 (n, n') t 45-Rh-105
 Cross Section -100.0 To 136.2 %

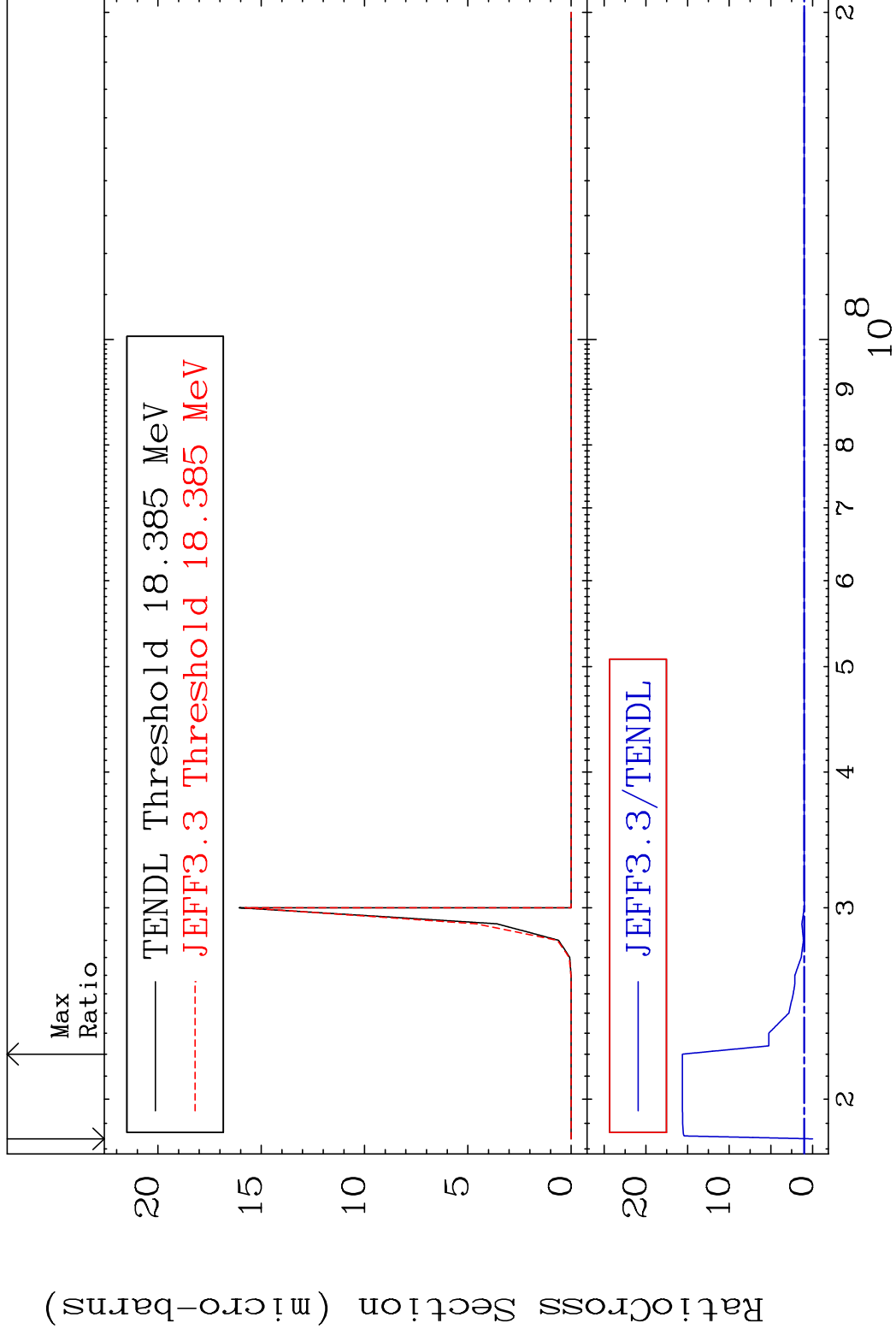


MAT 4531

(n,n') He-3

45-Rh-105

Cross Section -100.0 To 1462. %



14

Incident Energy (eV)

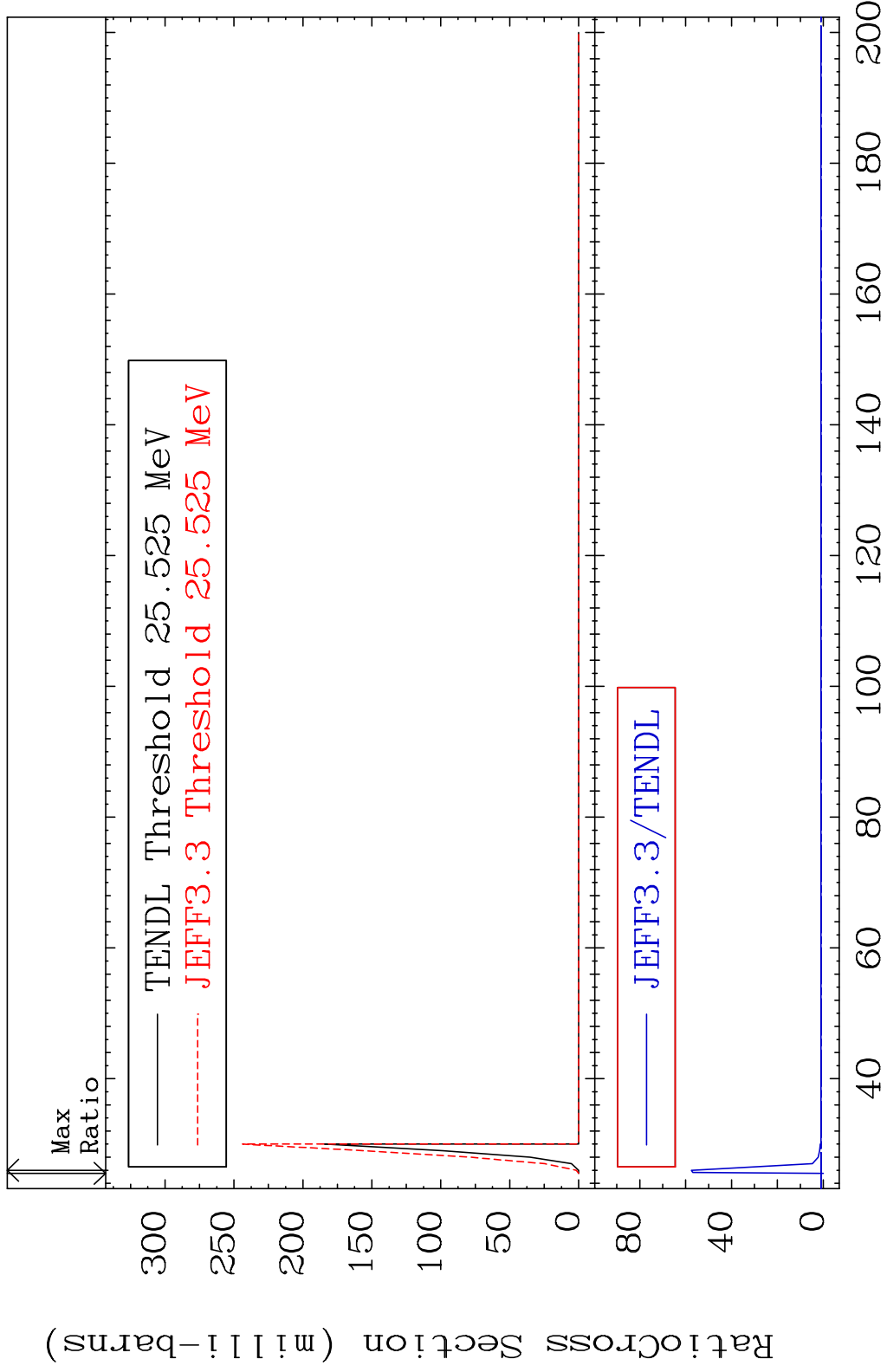
45-Rh-105

MAT 4531

(n,4n)

45-Rh-105

Cross Section -100.0 To 5652. %



15

Incident Energy (MeV)

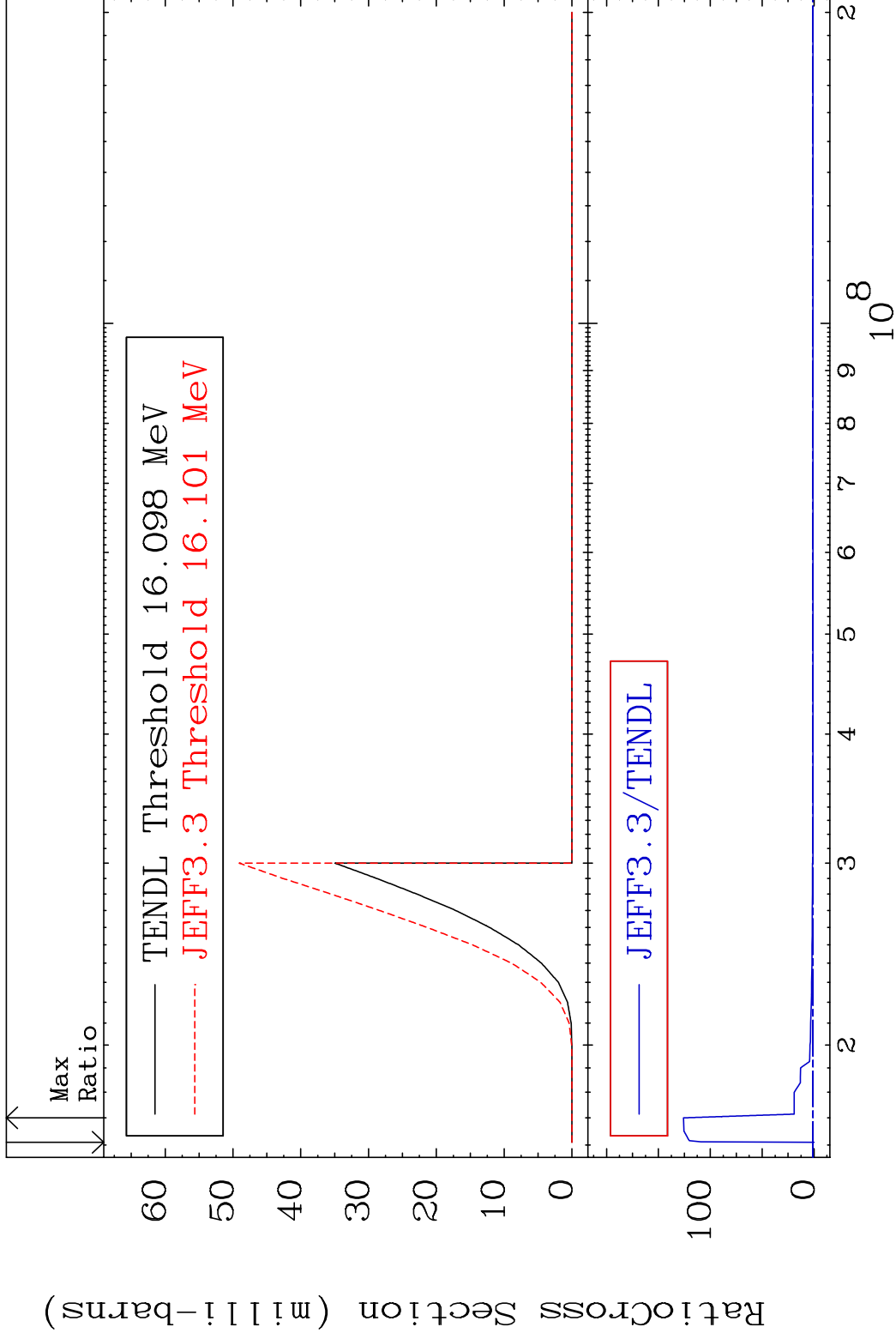
45-Rh-105

MAT 4531

(n,2n) p

45-Rh-105

Cross Section -100.0 To 9999. %

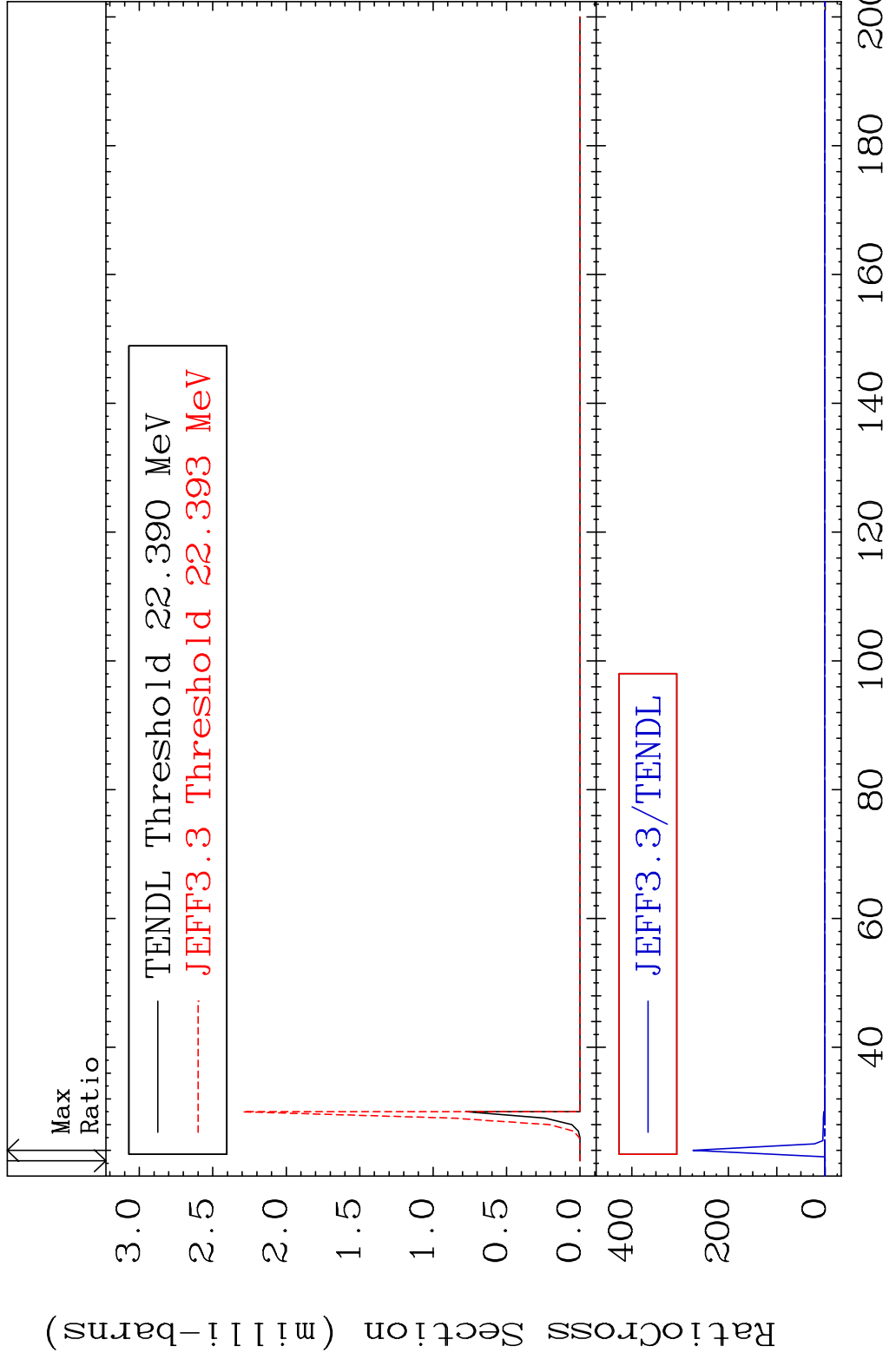


16

Incident Energy (eV)

45-Rh-105

MAT 4531 (n,3n) p 45-Rh-105
 Cross Section -100.0 To 9999. %

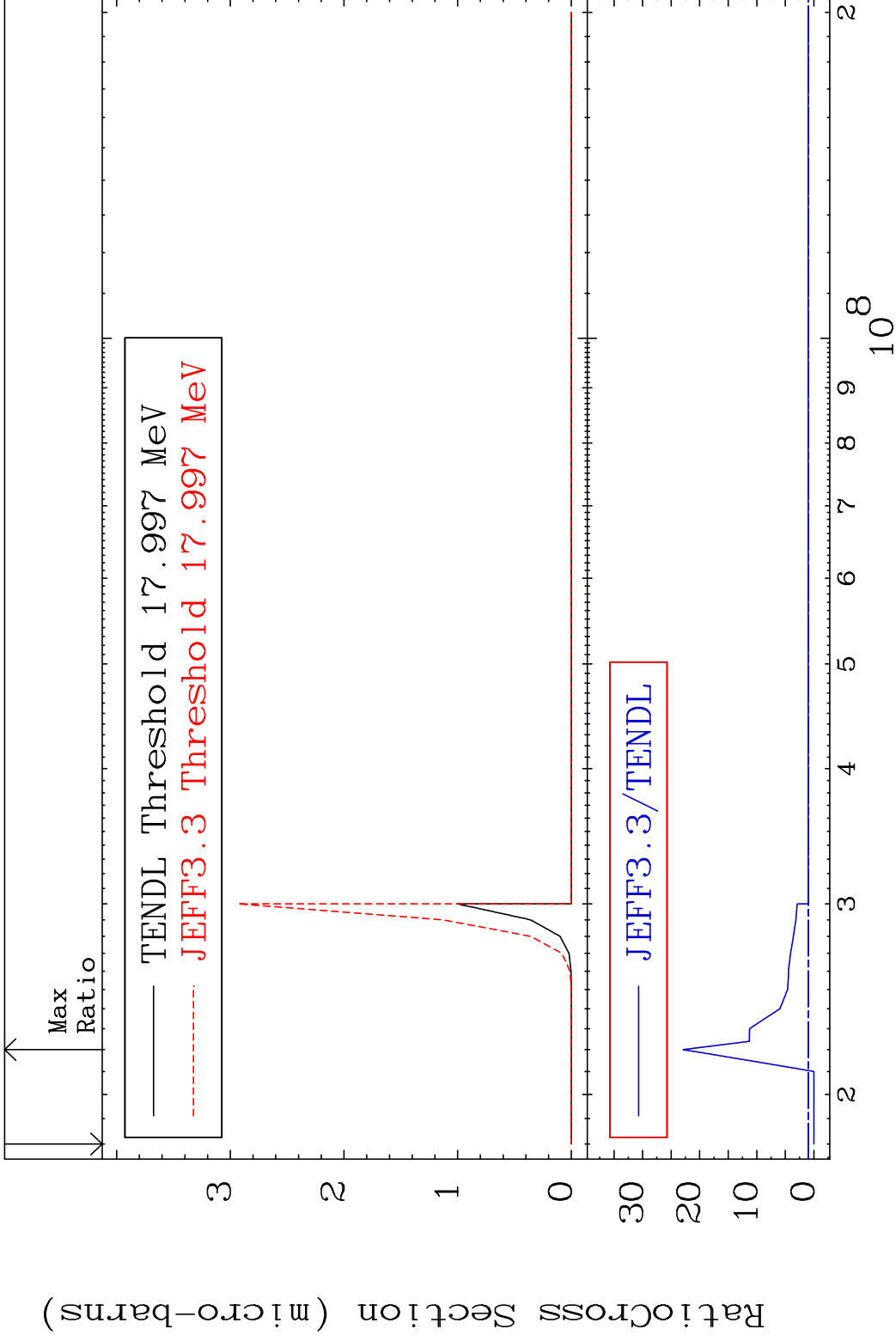


MAT 4531

(n,2n) p

45-Rh-105

Cross Section -100.0 To 2191. %



18

Incident Energy (eV)

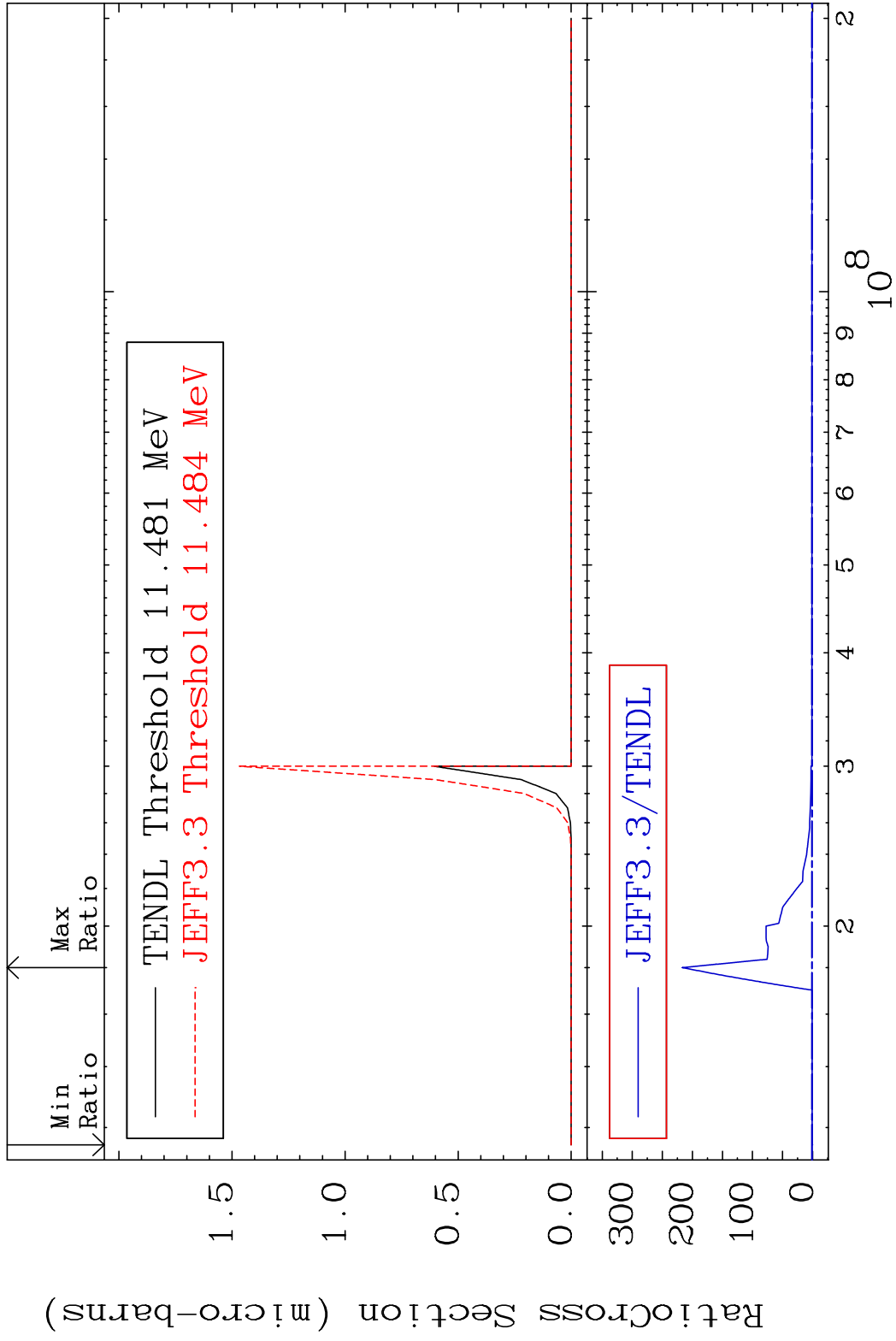
45-Rh-105

MAT 4531

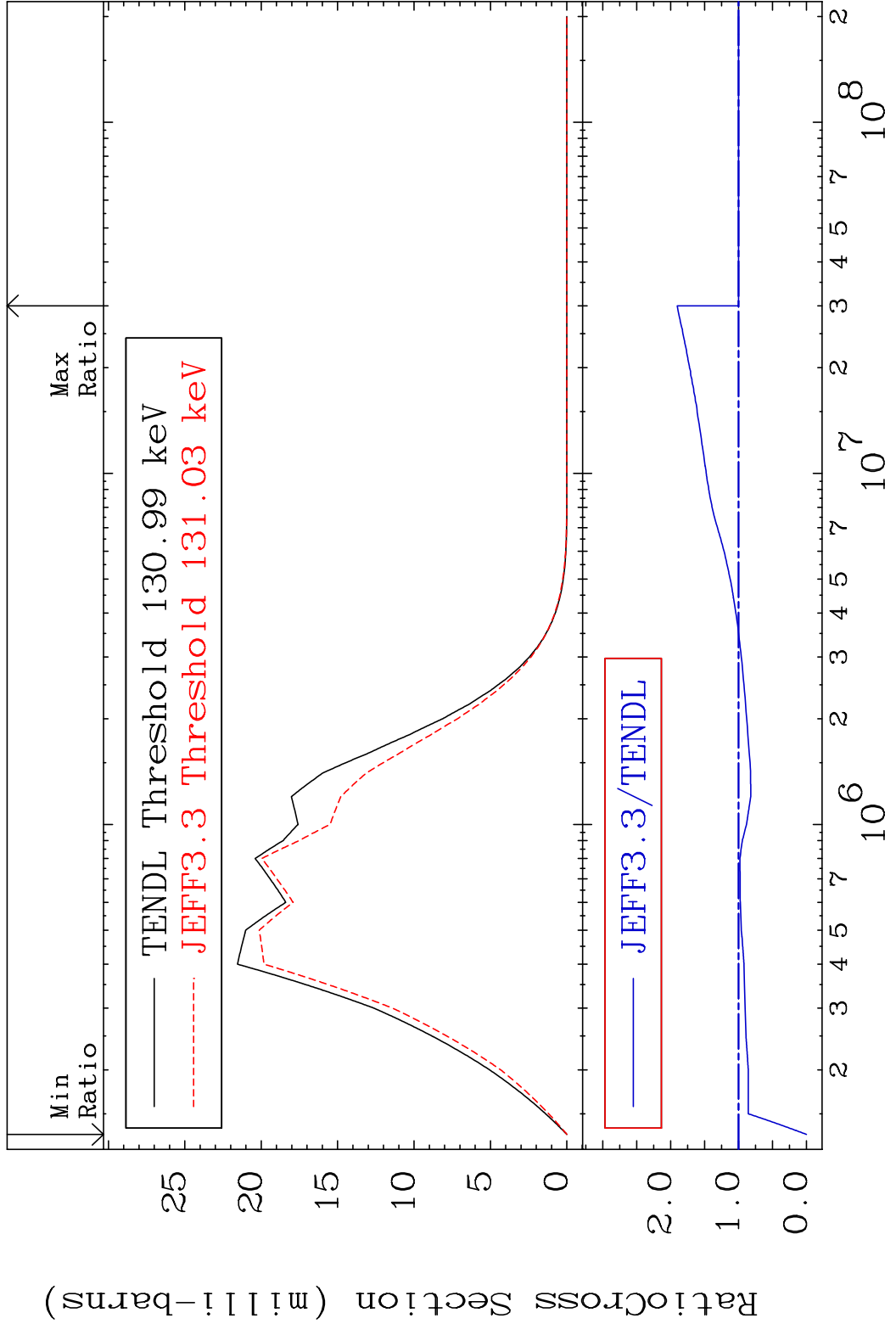
(n,n') p α

45-Rh-105

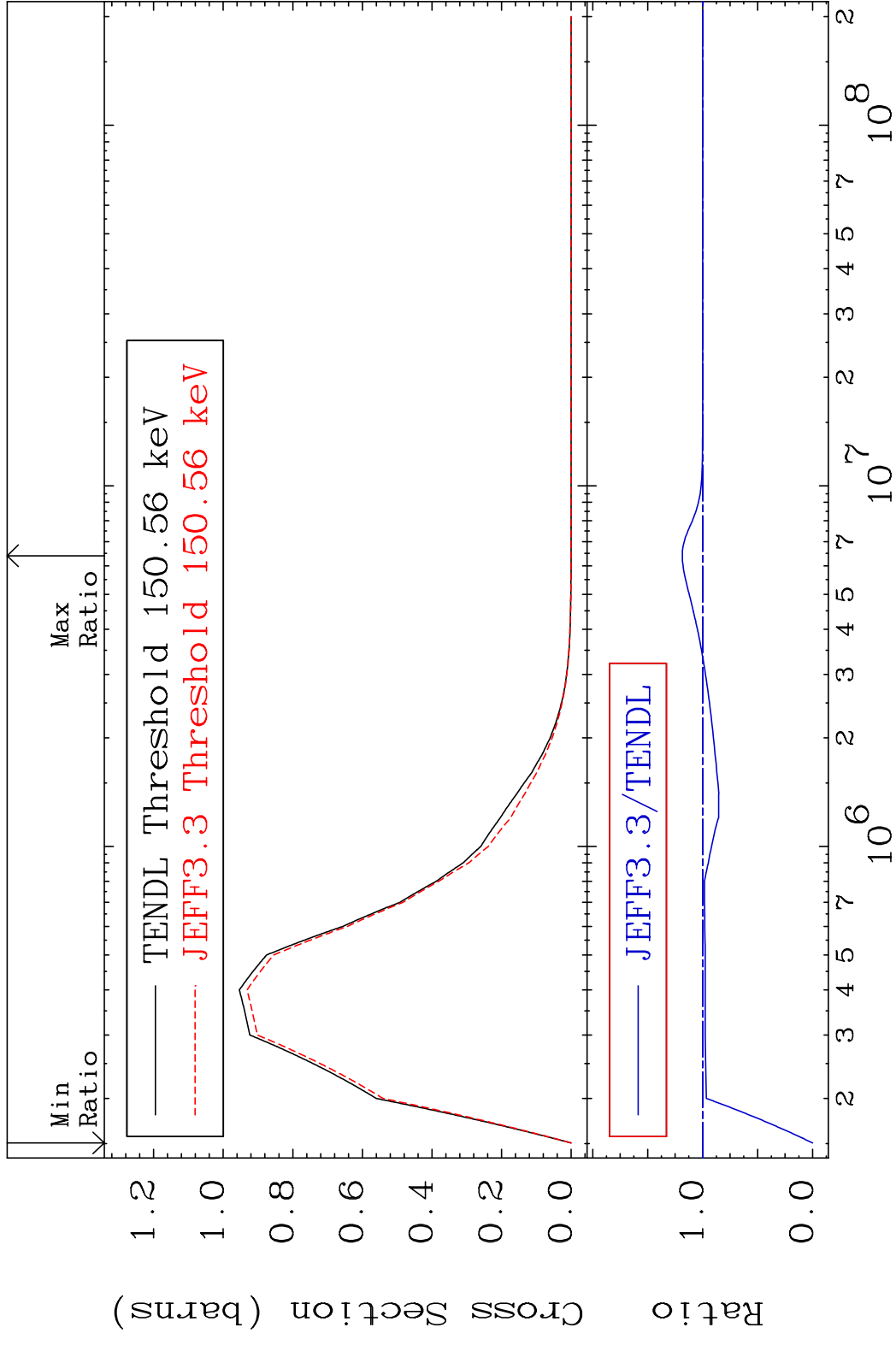
Cross Section -100.0 To 9999. %



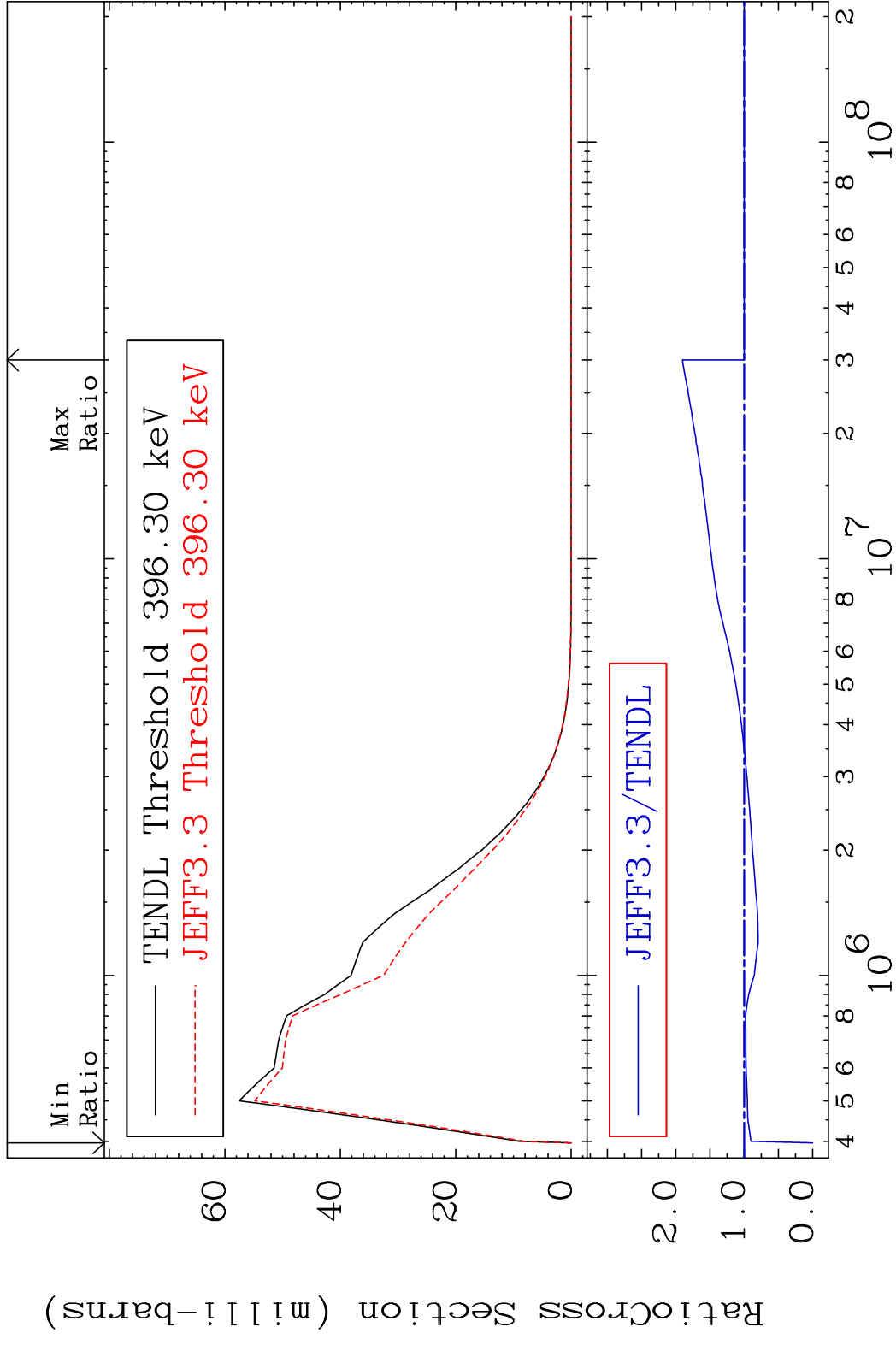
MAT 4531 MT= 51 (n,n') Level 45-Rh-105
 Cross Section -100.0 To 90.33 %



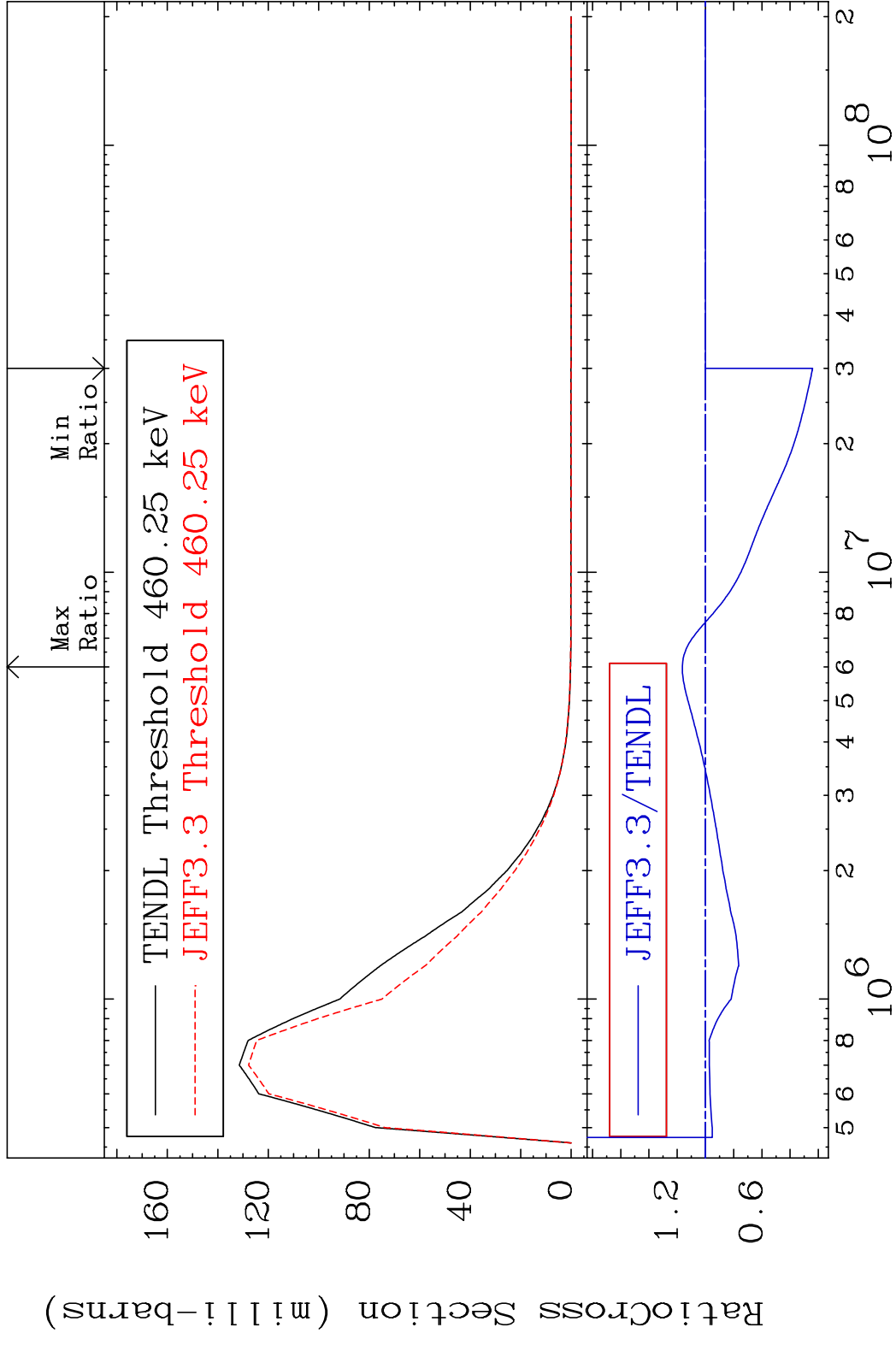
MAT 4531 MT= 52 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 18.43 %



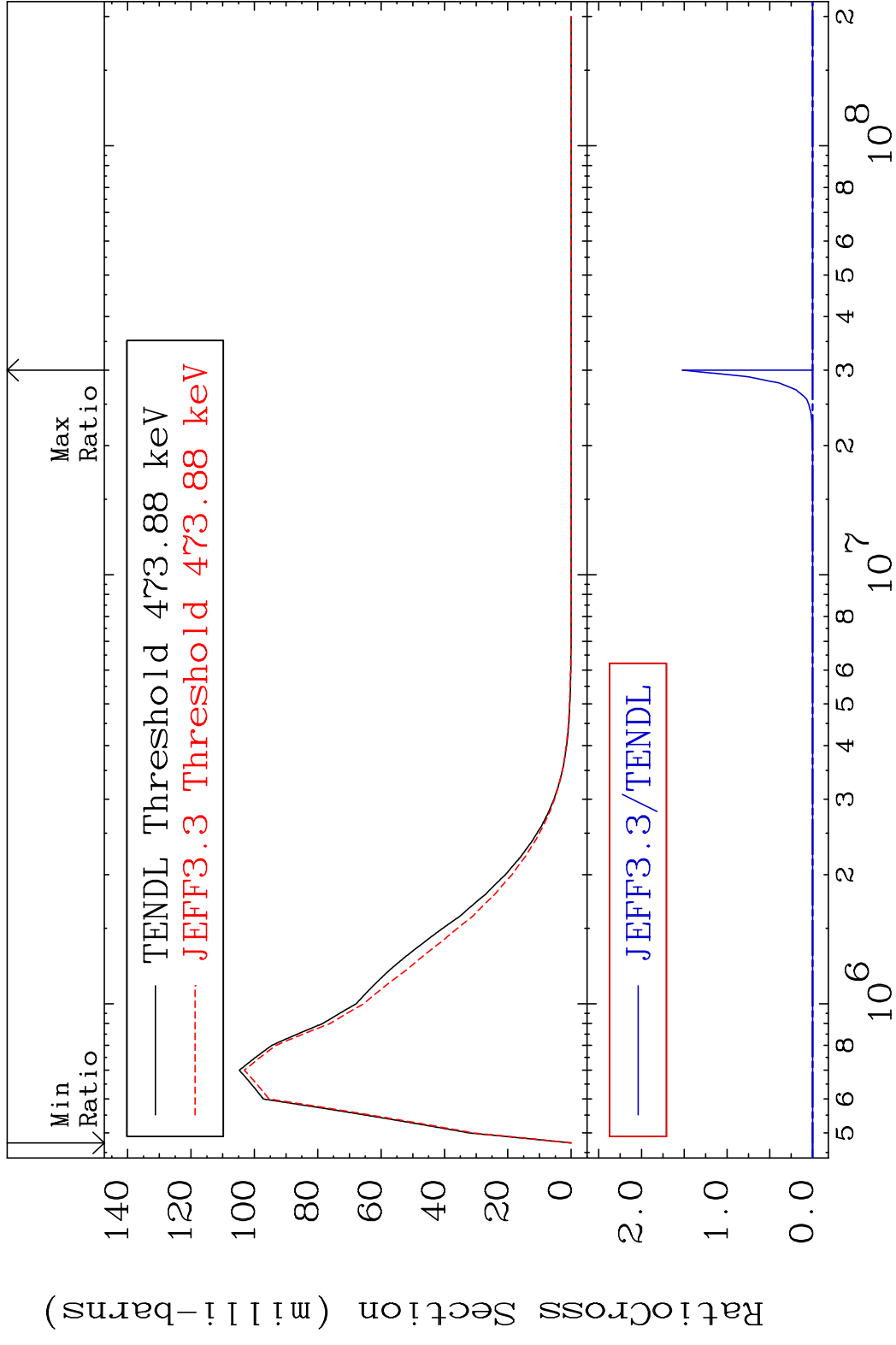
MAT 4531 MT= 53 (n,n') Level 45-Rh-105
 Cross Section -100.0 To 90.30 %



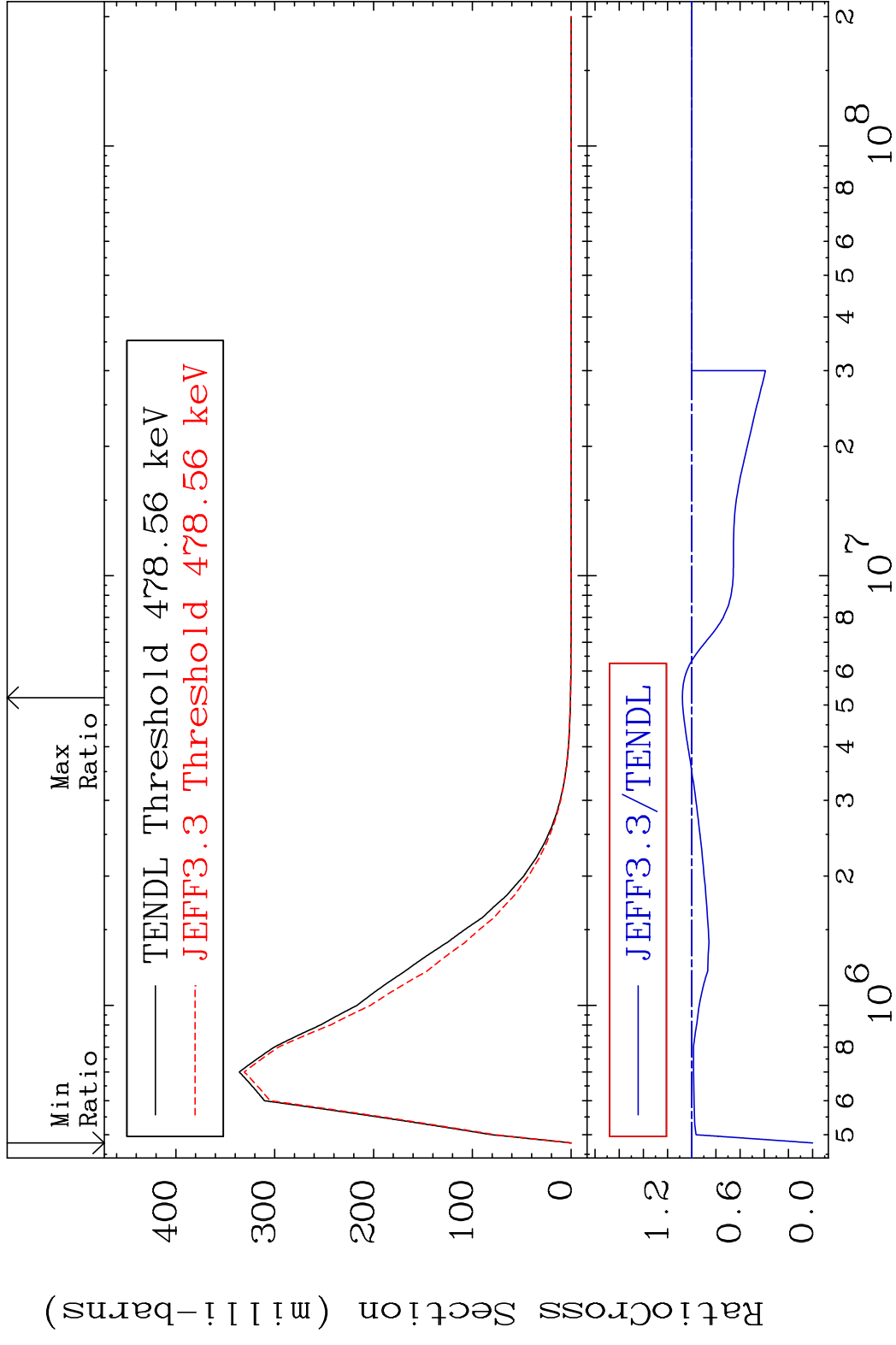
MAT 4531 MT= 54 (n, n') Level 45-Rh-105
 Cross Section -75.89 To 16.34 %



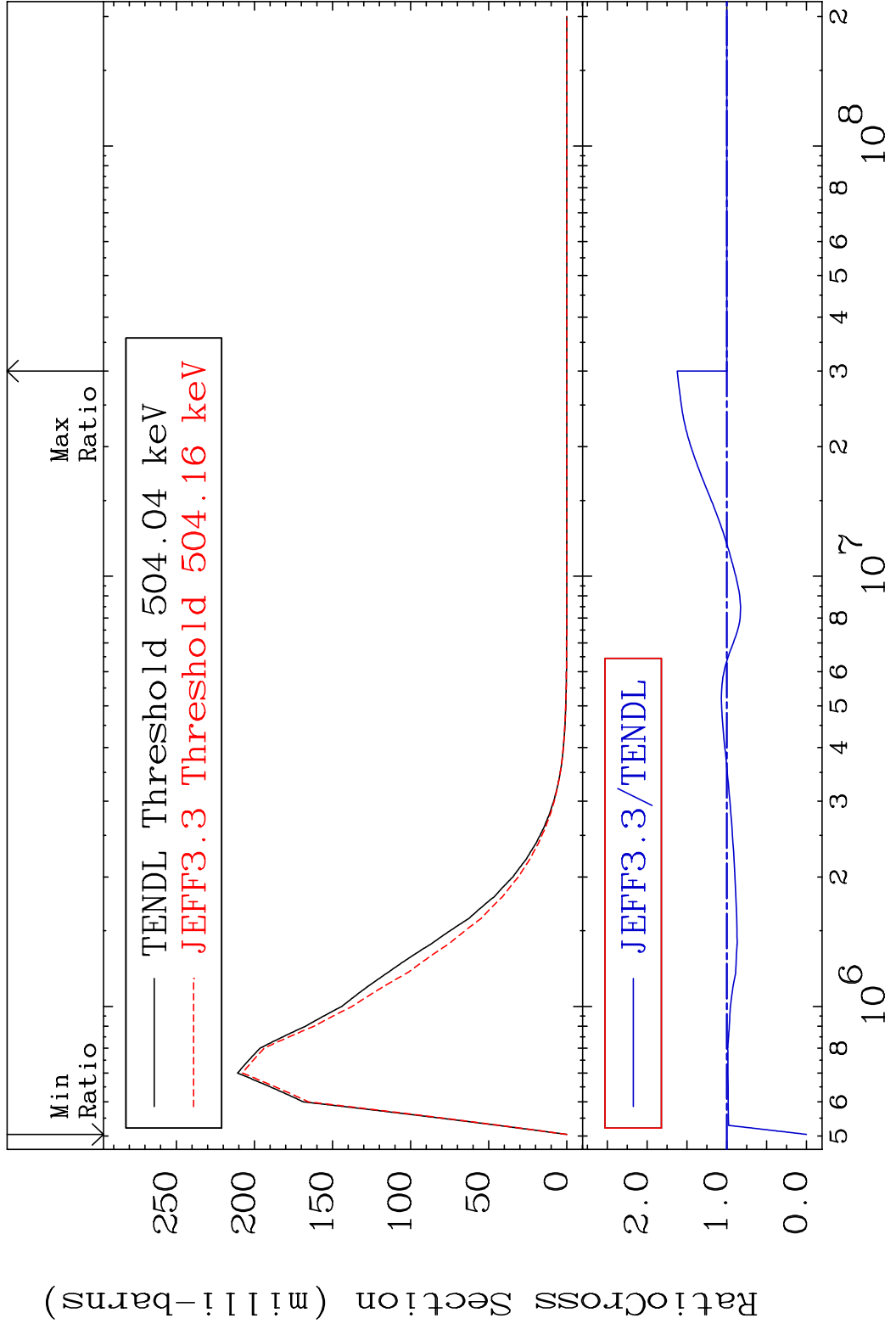
MAT 4531 MT= 55 (n,n') Level 45-Rh-105
 Cross Section -100.0 To 9999. %



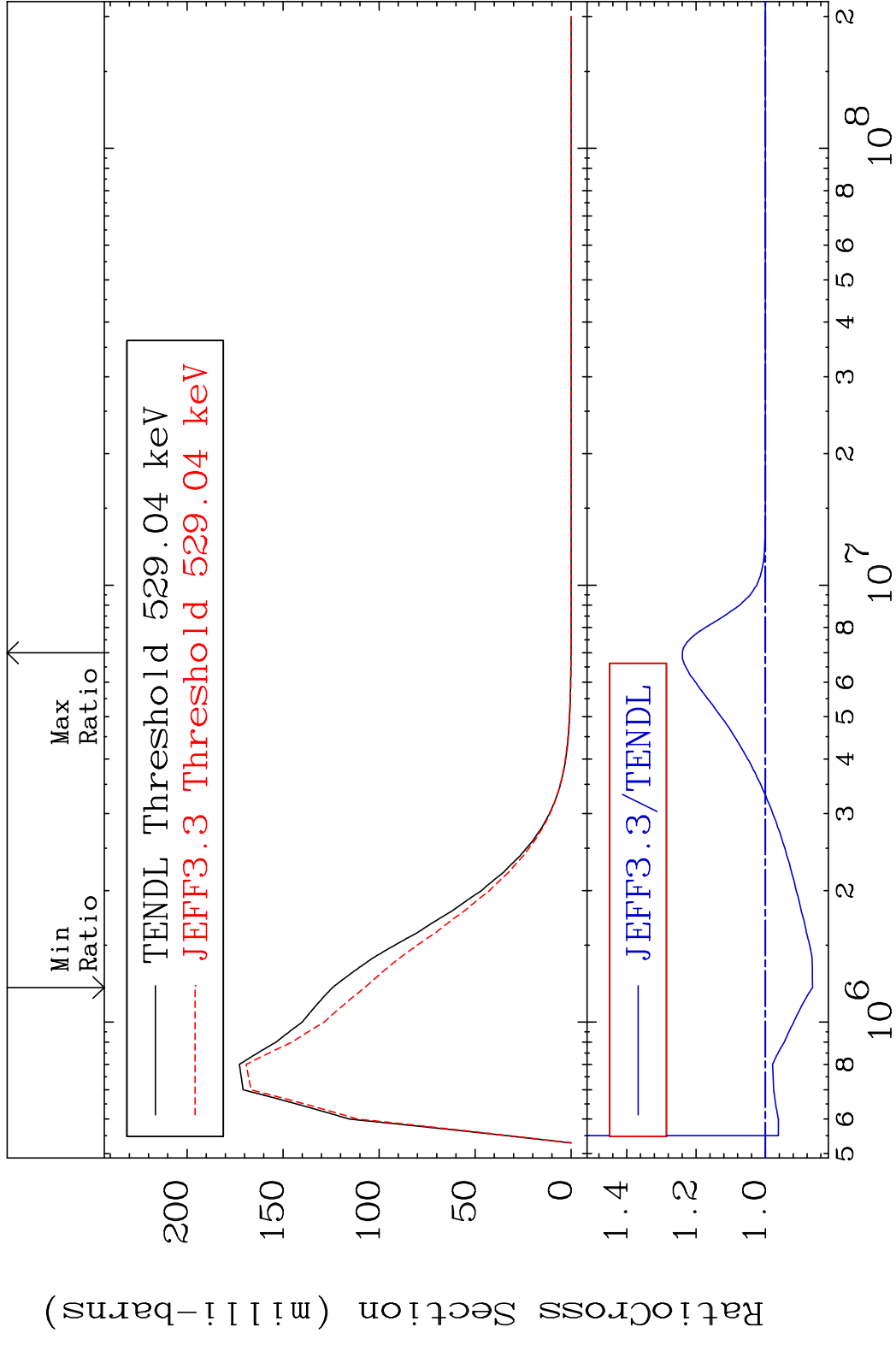
MAT 4531 MT= 56 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 7.781 %



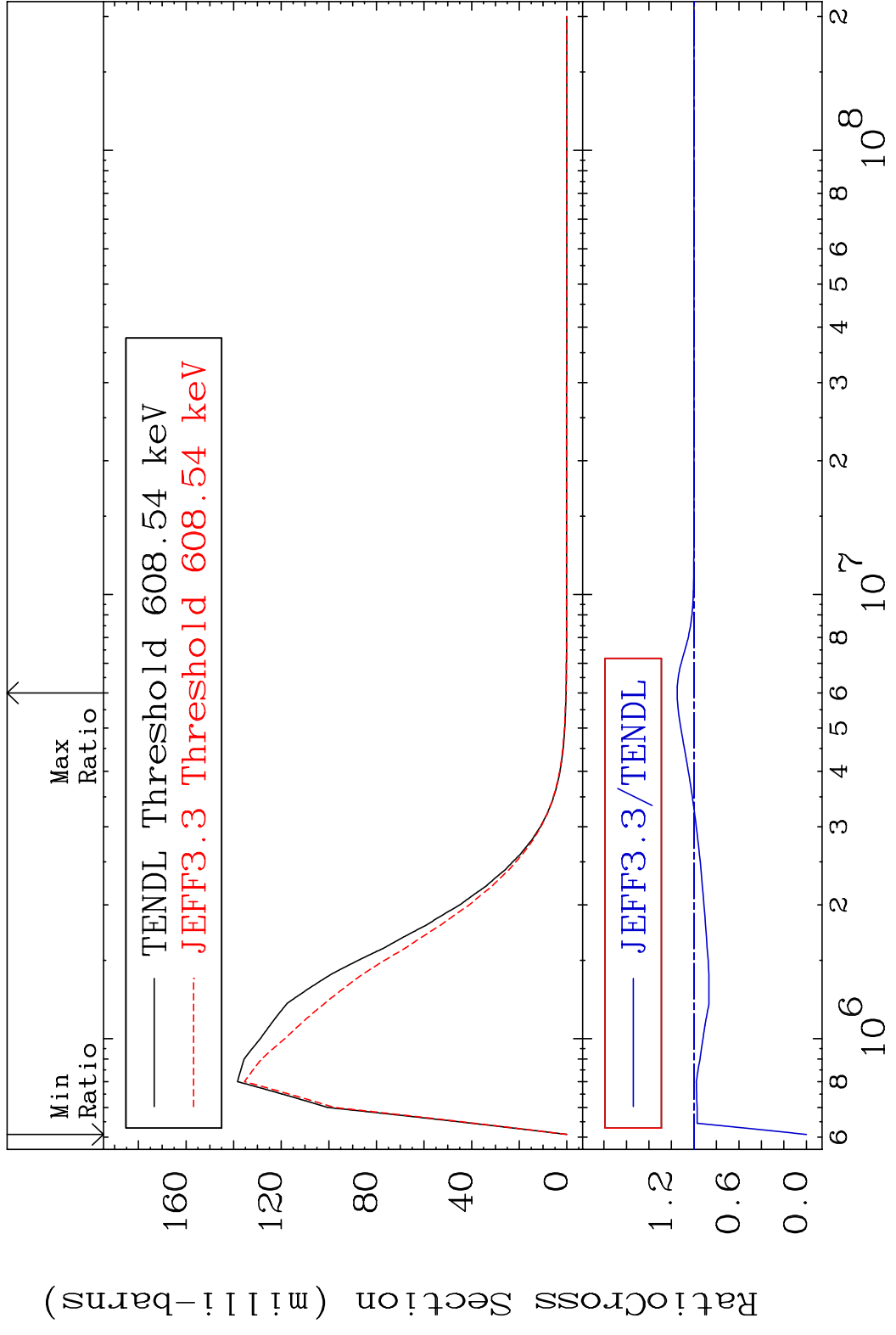
MAT 4531 MT= 57 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 62.21 %



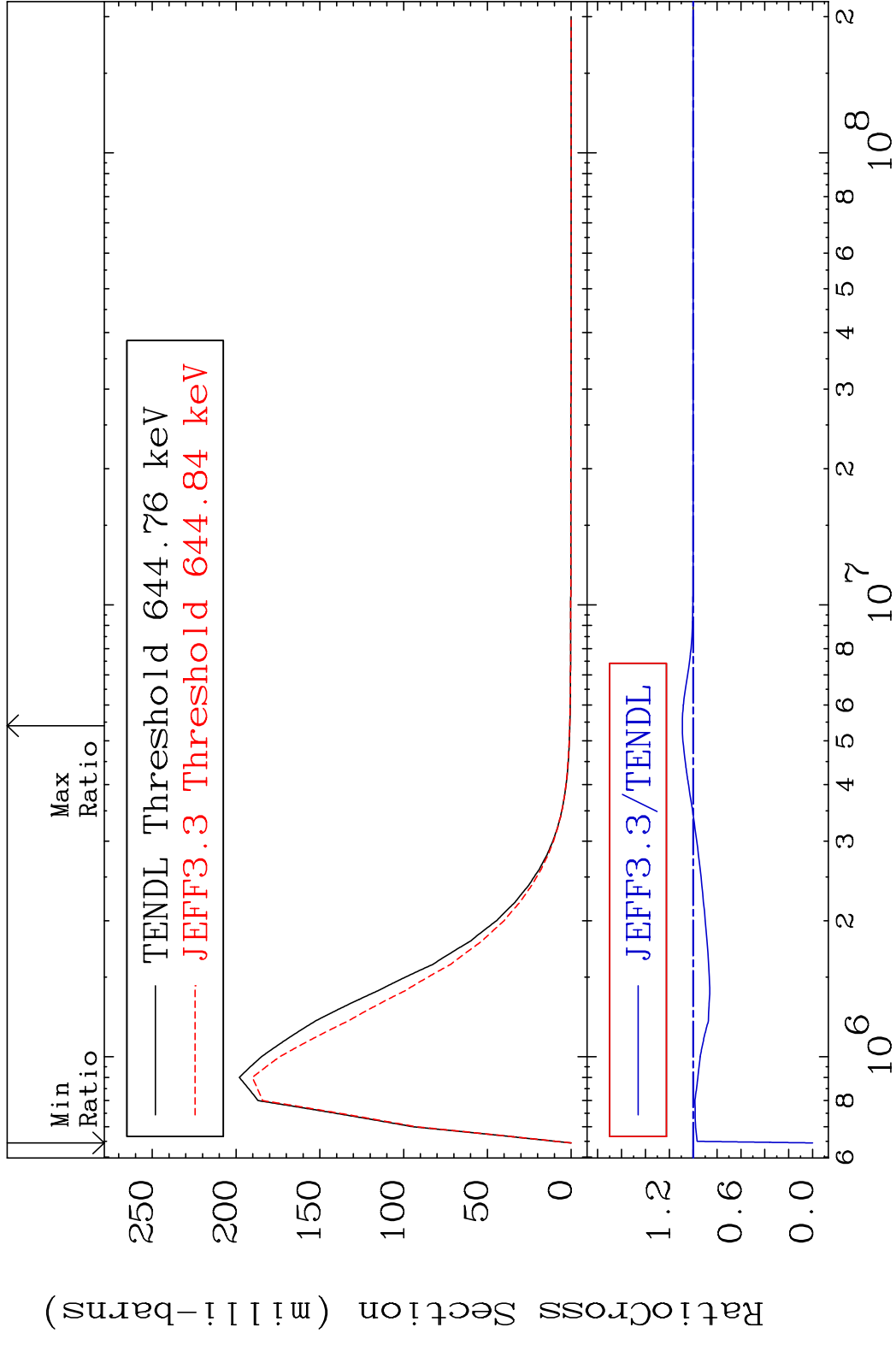
MAT 4531 MT= 58 (n, n') Level 45-Rh-105
 Cross Section -13.59 To 23.95 %



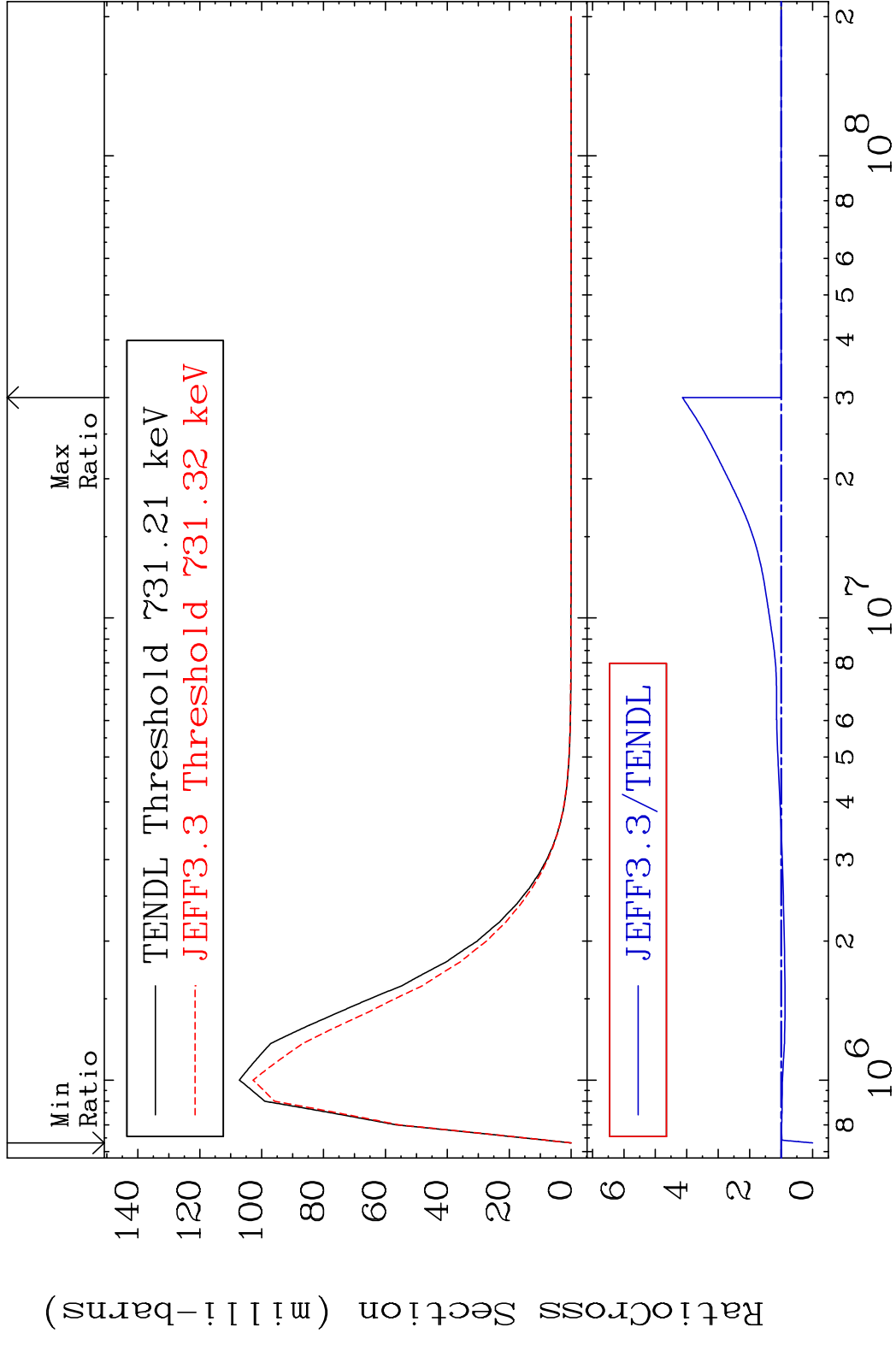
MAT 4531 MT= 59 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 14.88 %



MAT 4531 MT= 60 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 9.061 %

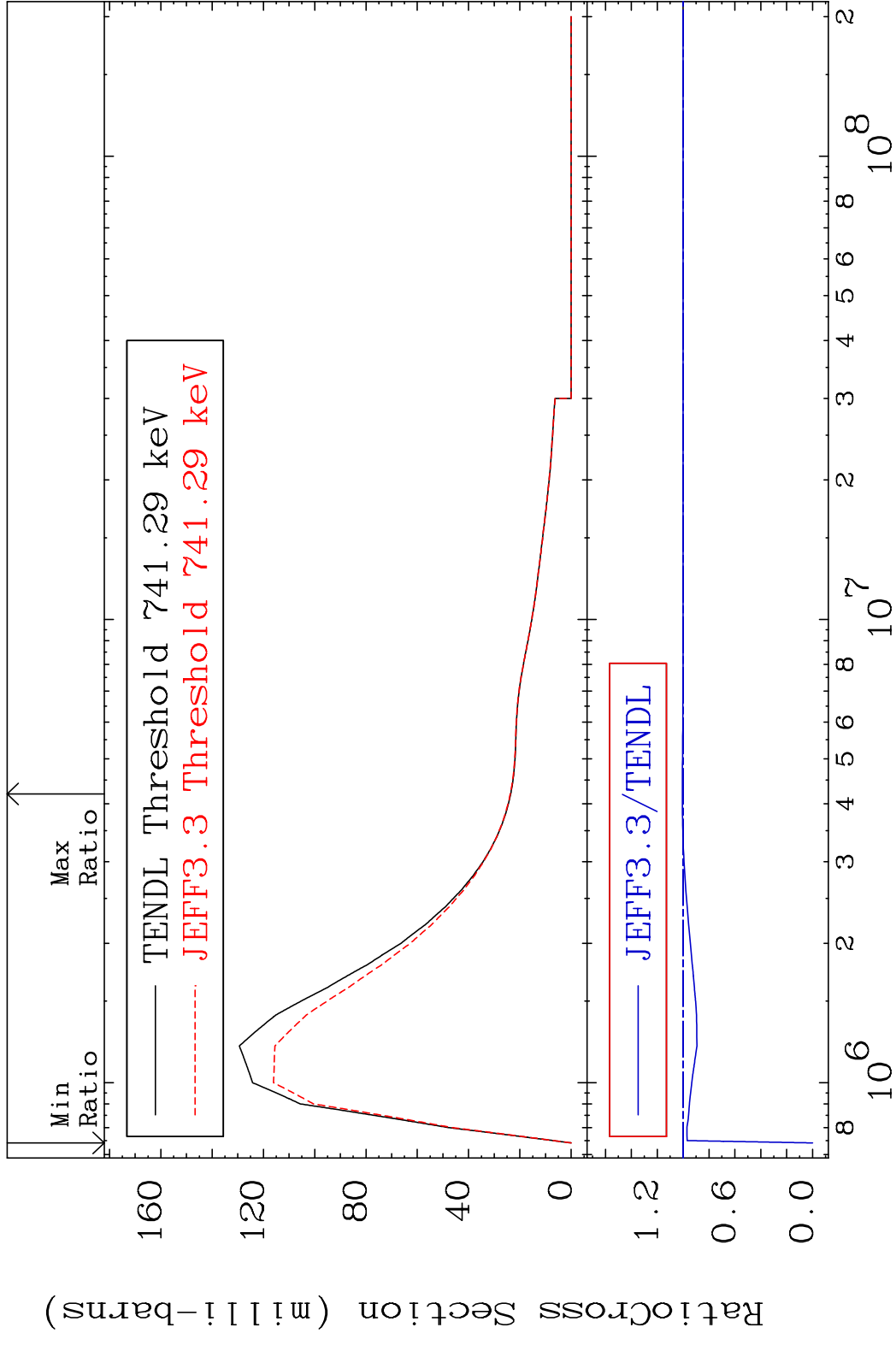


MAT 4531 MT= 61 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 314.1 %

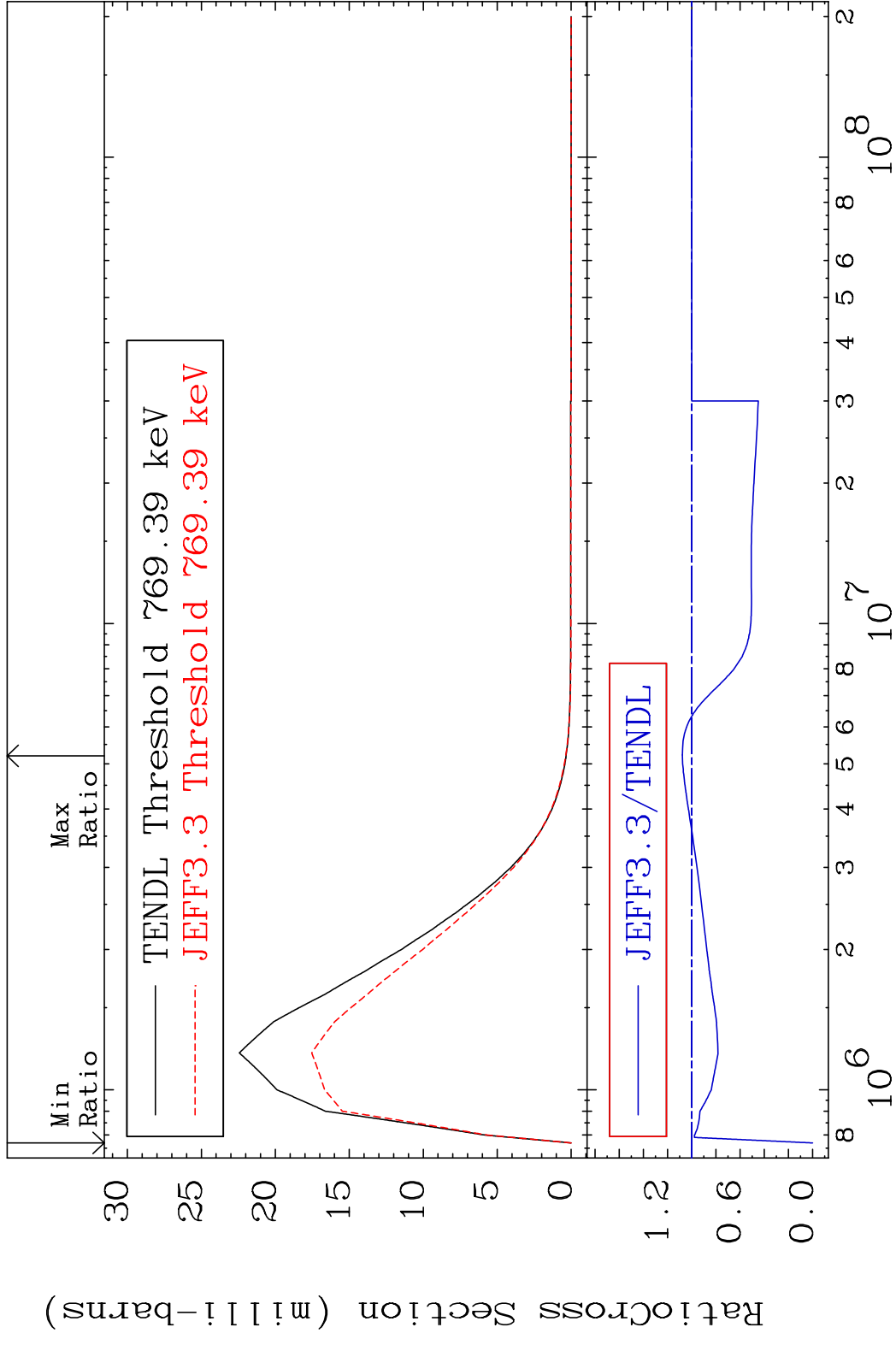


30 Incident Energy (eV) 45-Rh-105

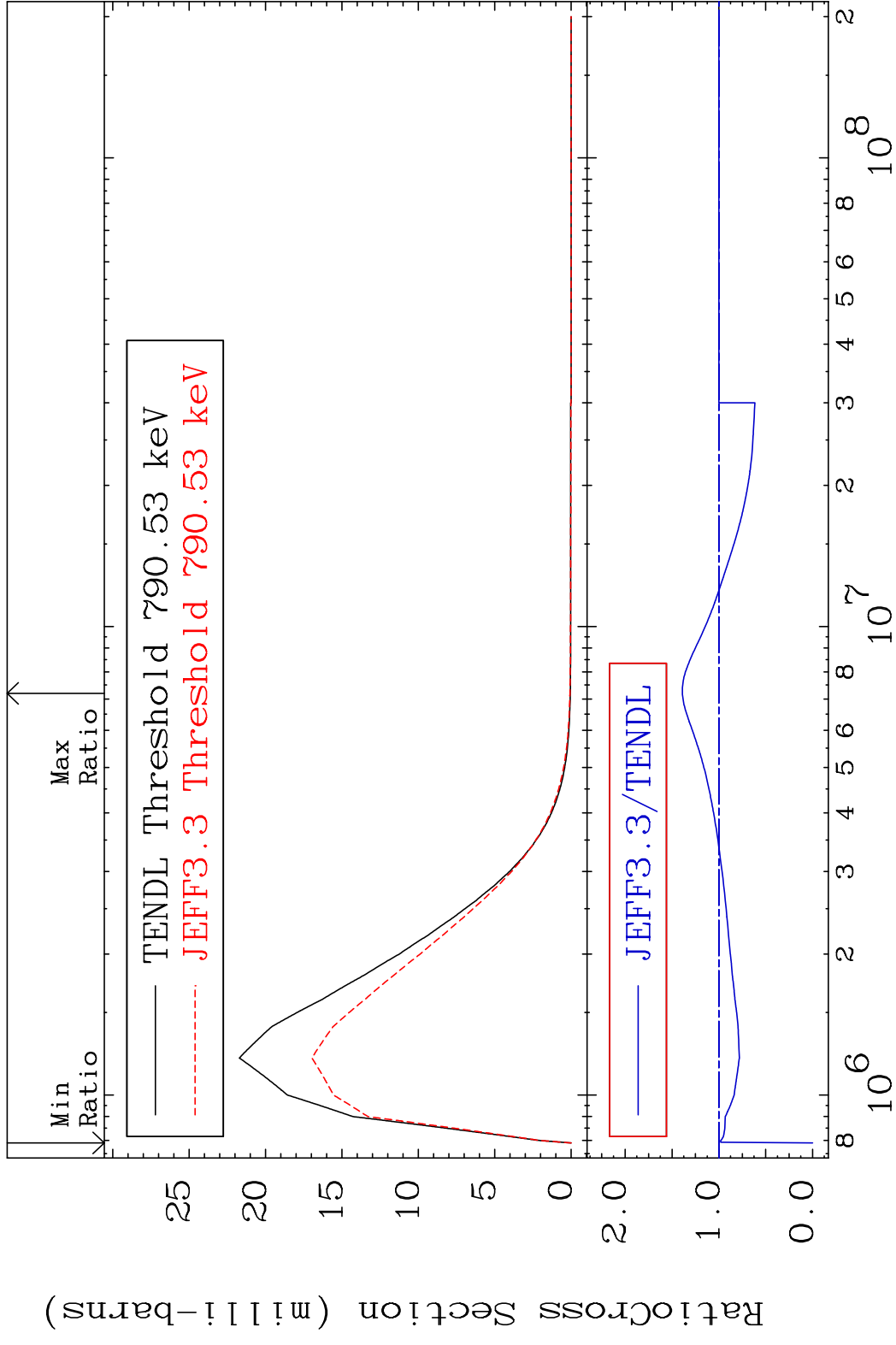
MAT 4531 MT= 62 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 0.593 %



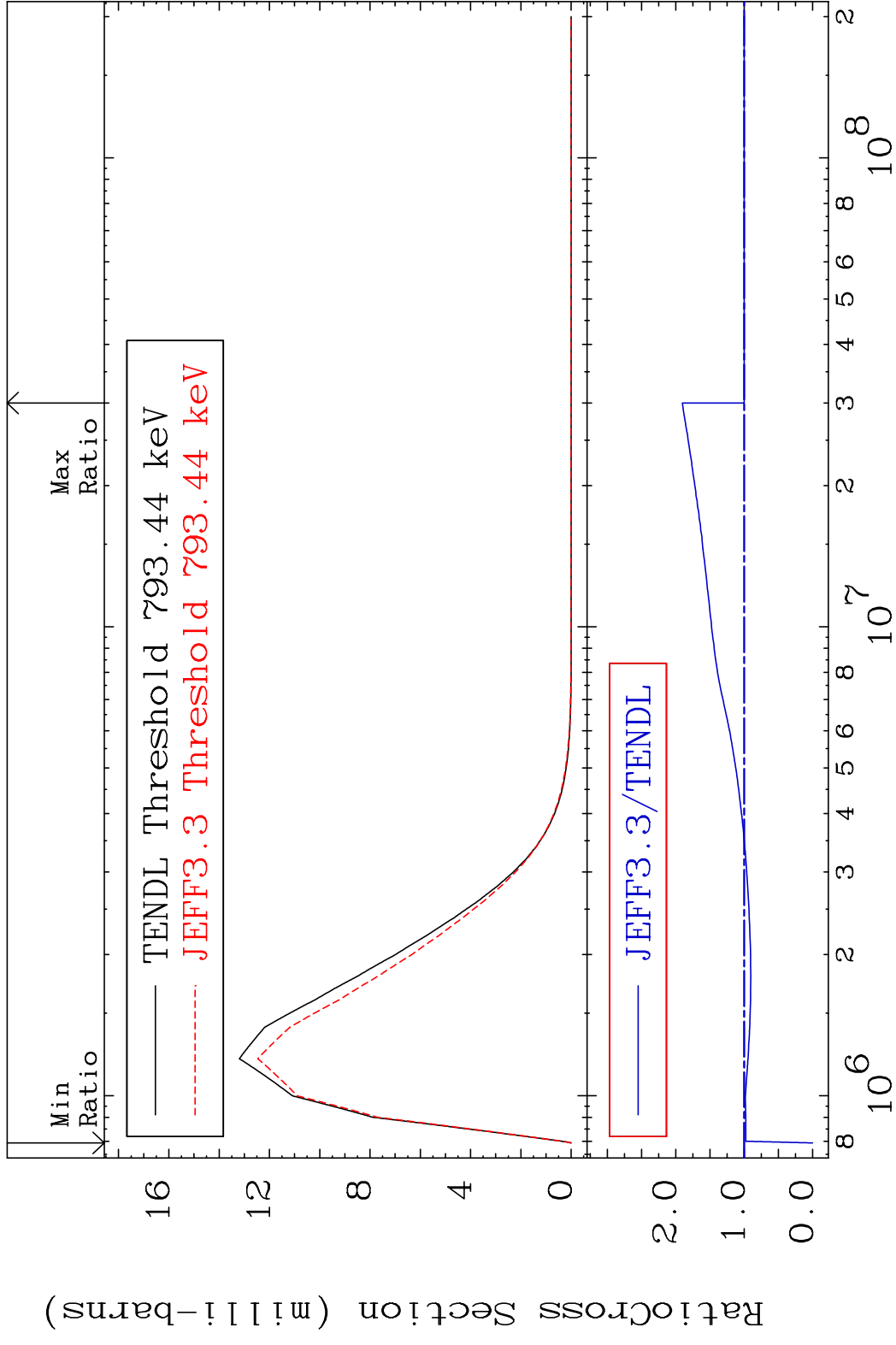
MAT 4531 MT= 63 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 7.706 %



MAT 4531 MT= 64 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 38.97 %

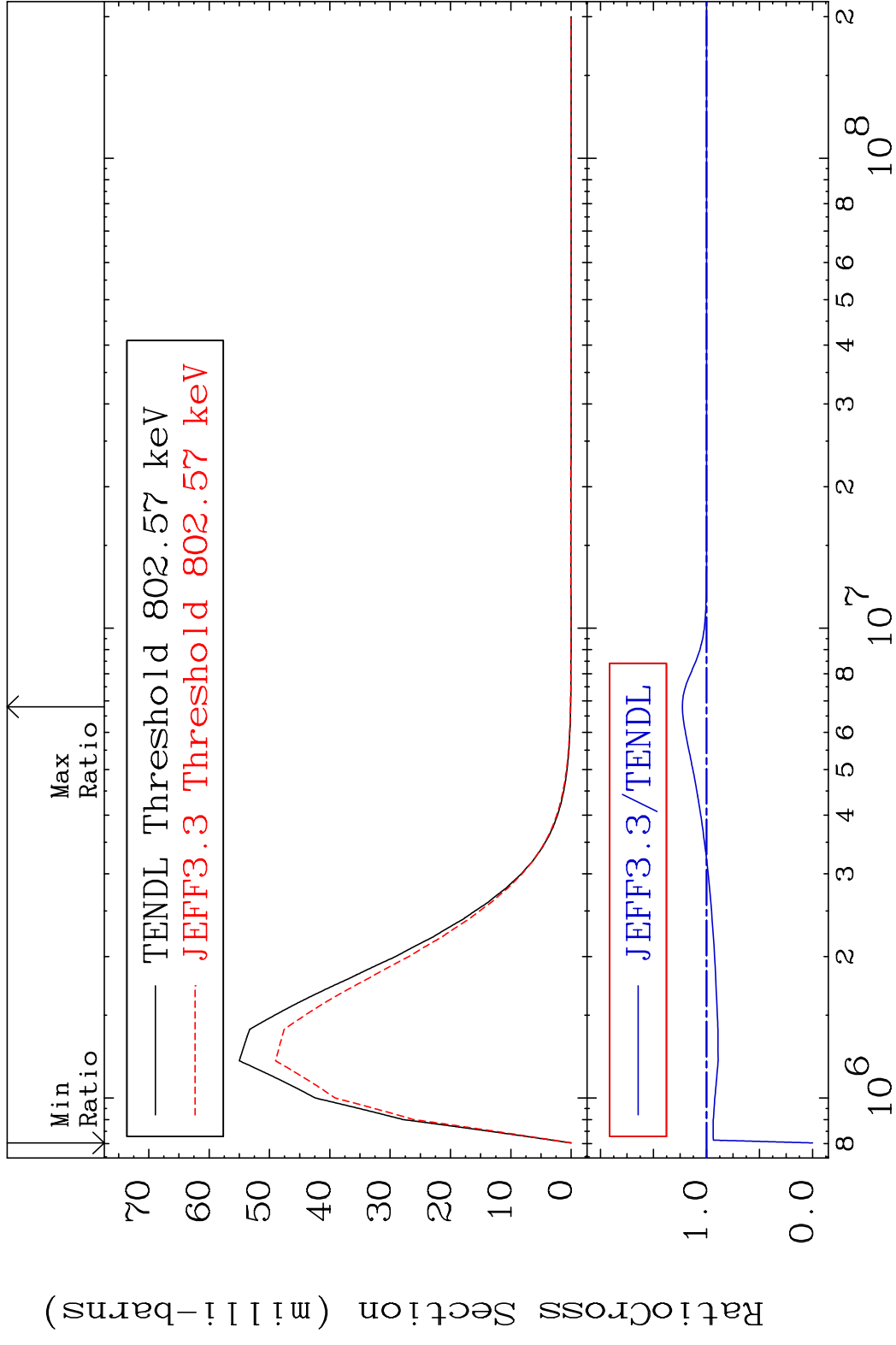


MAT 4531 MT= 65 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 90.35 %

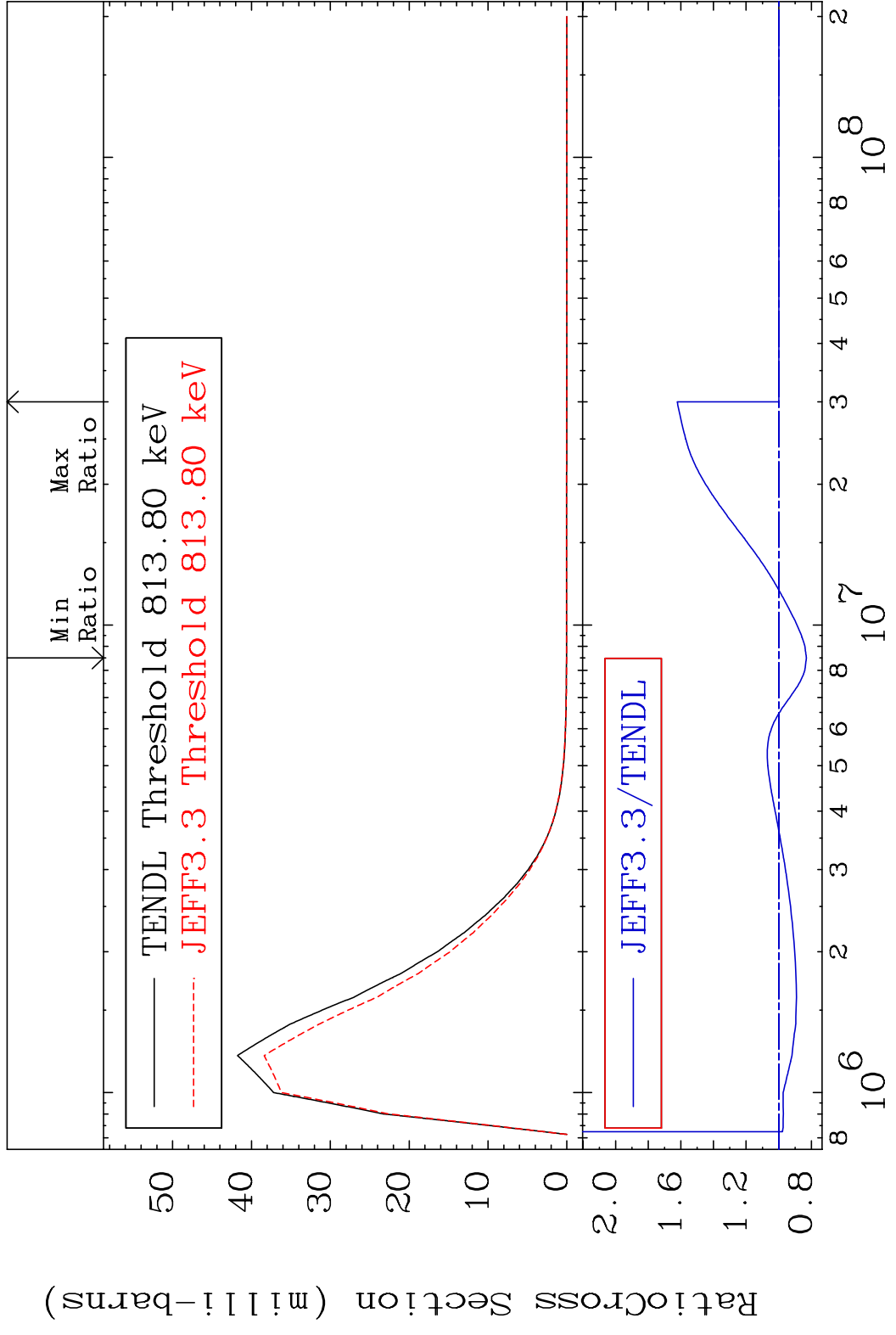


34 Incident Energy (eV) 45-Rh-105

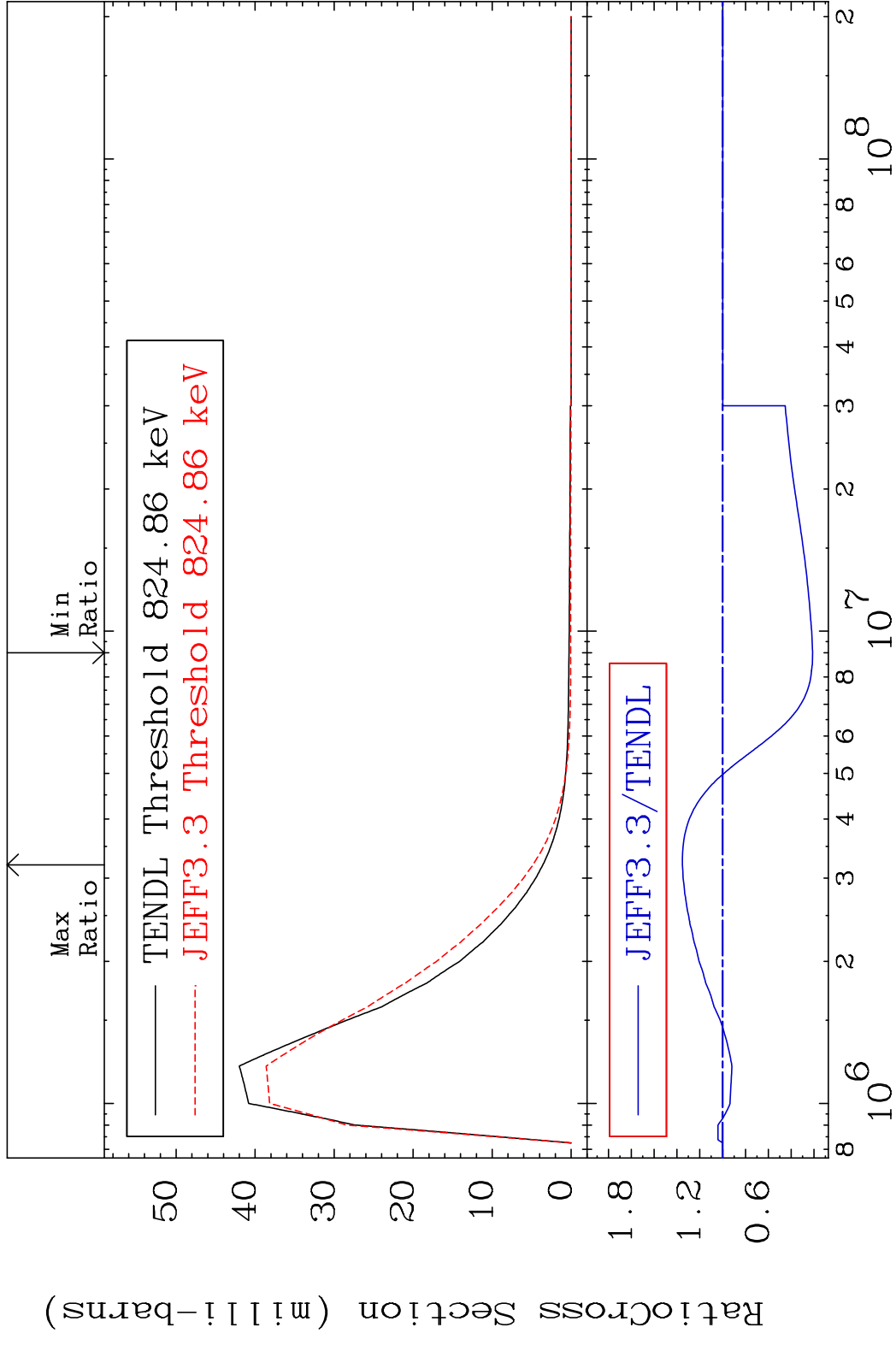
MAT 4531 MT= 66 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 22.78 %



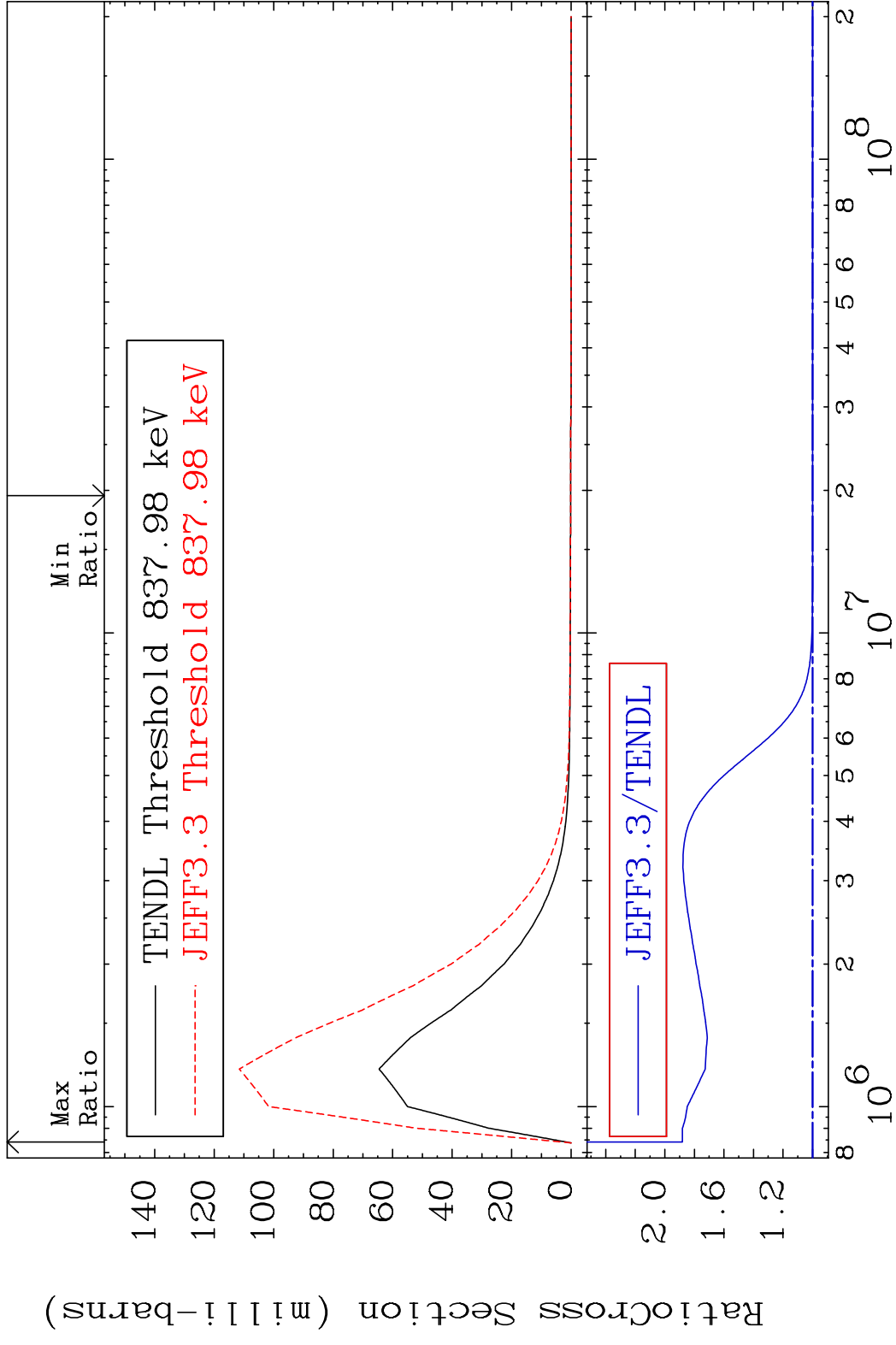
MAT 4531 MT= 67 (n, n') Level 45-Rh-105
 Cross Section -16.96 To 62.28 %



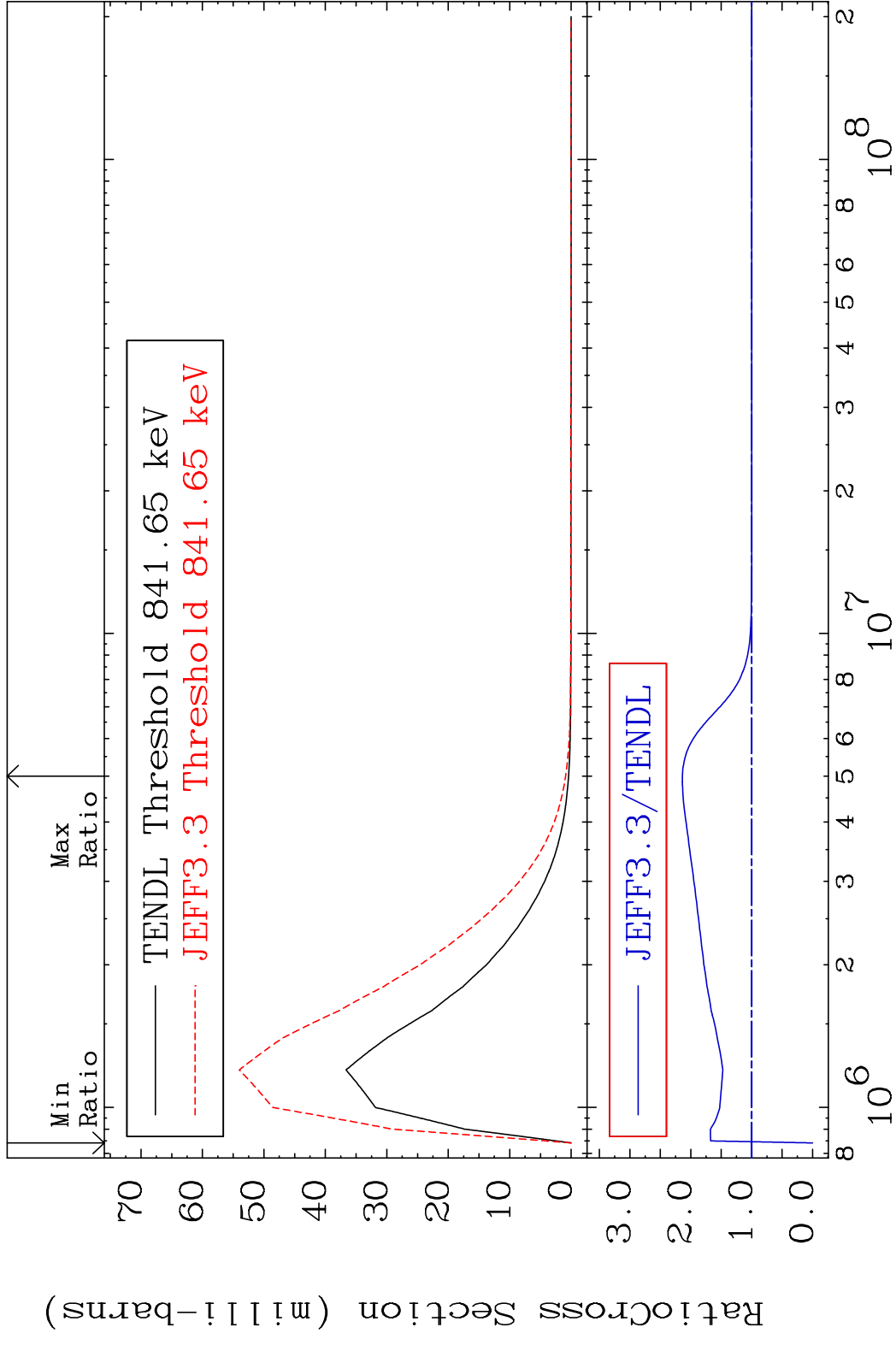
MAT 4531 MT= 68 (n, n') Level 45-Rh-105
 Cross Section -78.73 To 35.29 %



MAT 4531 MT= 69 (n, n') Level 45-Rh-105
 Cross Section 0.000 To 88.14 %

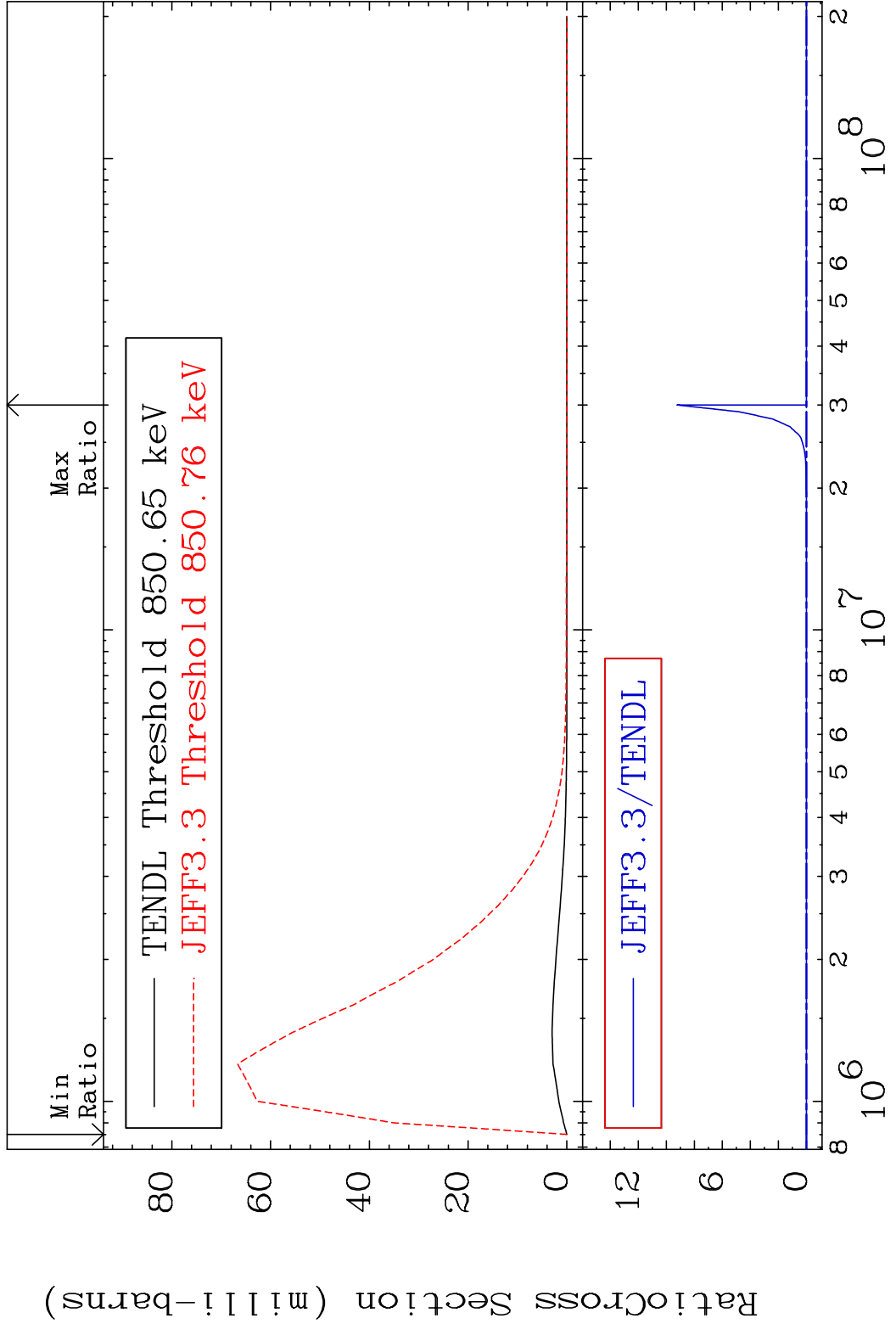


MAT 4531 MT= 70 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 113.8 %



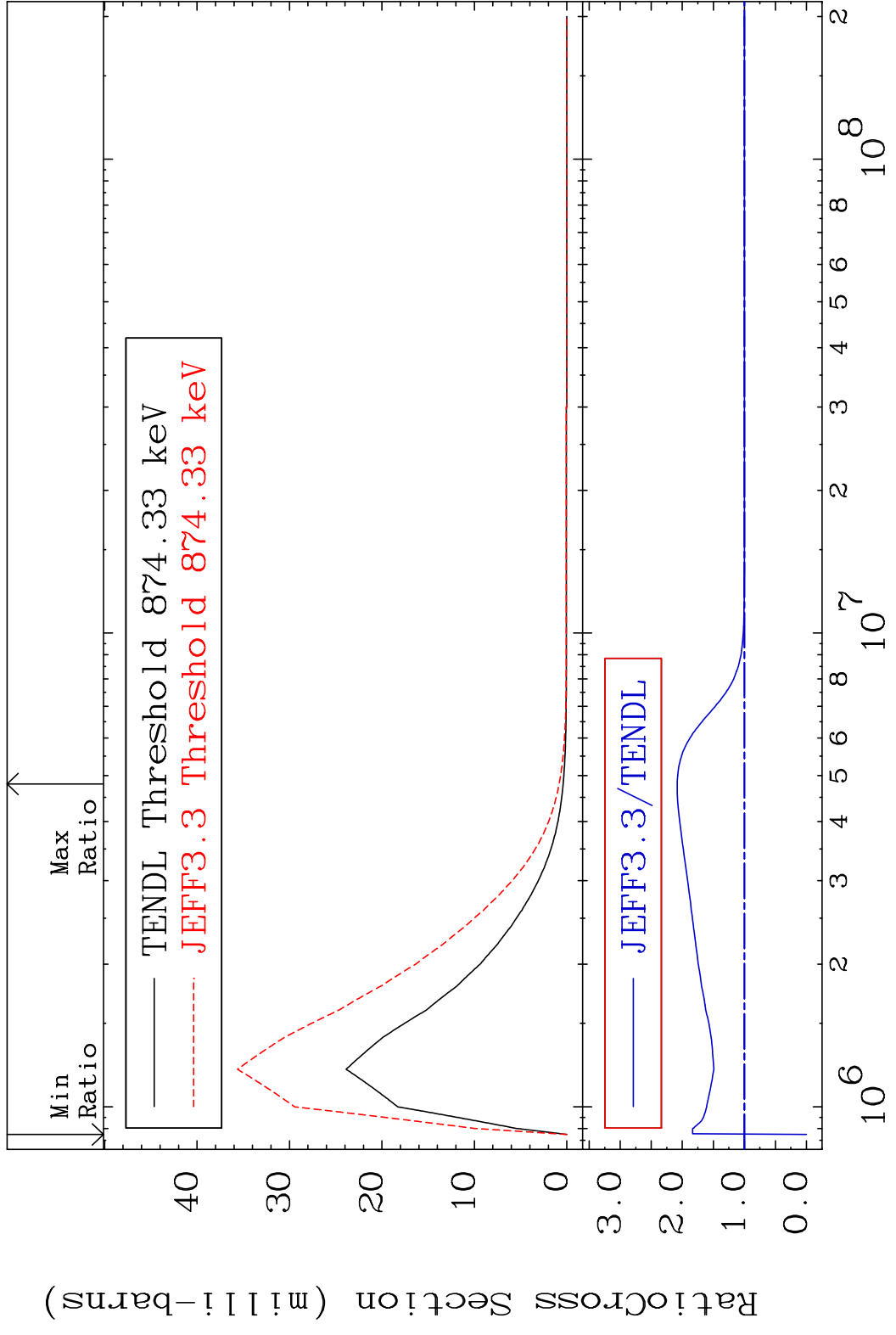
39 Incident Energy (eV) 45-Rh-105

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

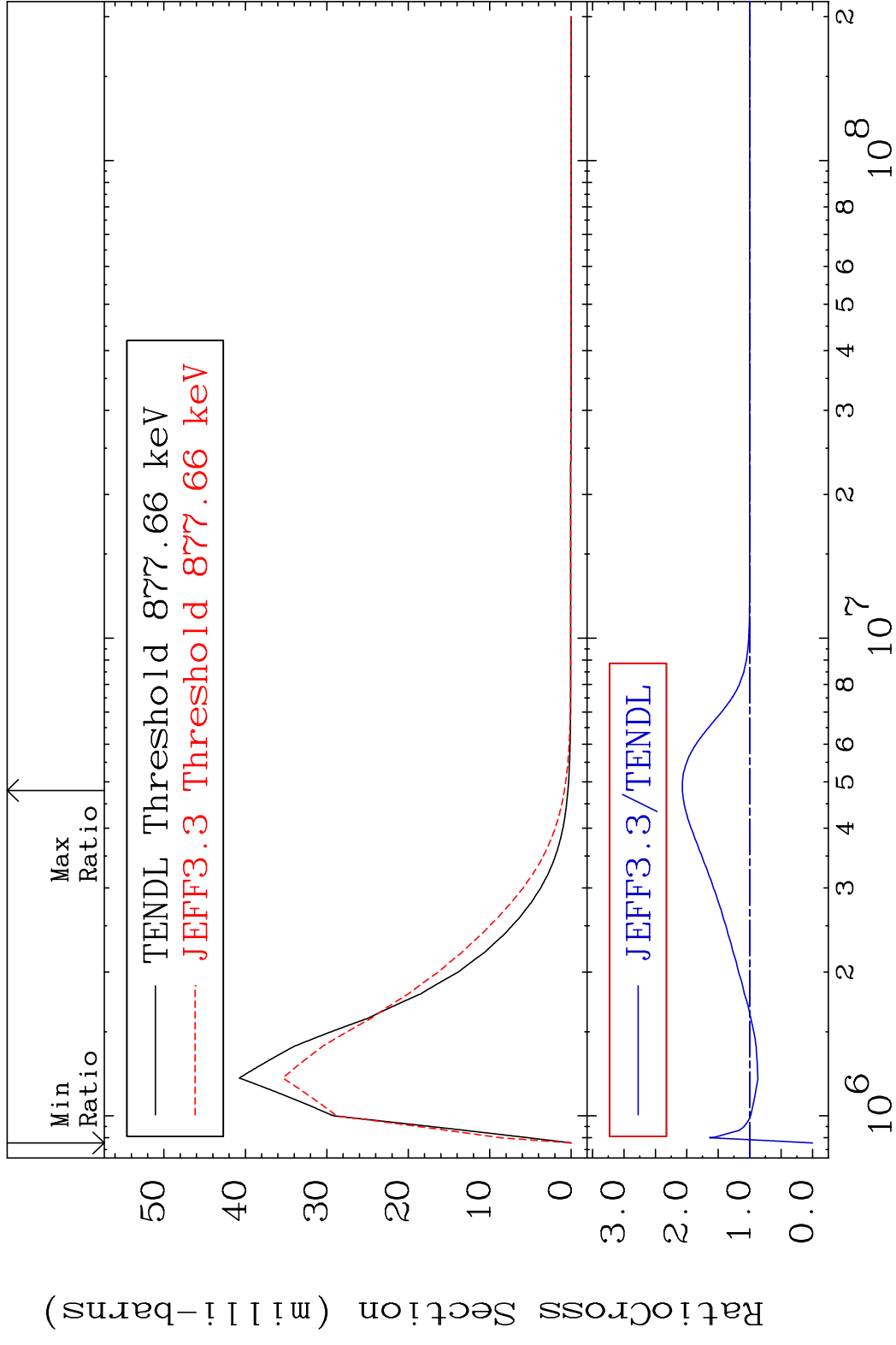


40 8 10⁶ 2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸ 2 45-Rh-105

MAT 4531 MT= 72 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 108.3 %

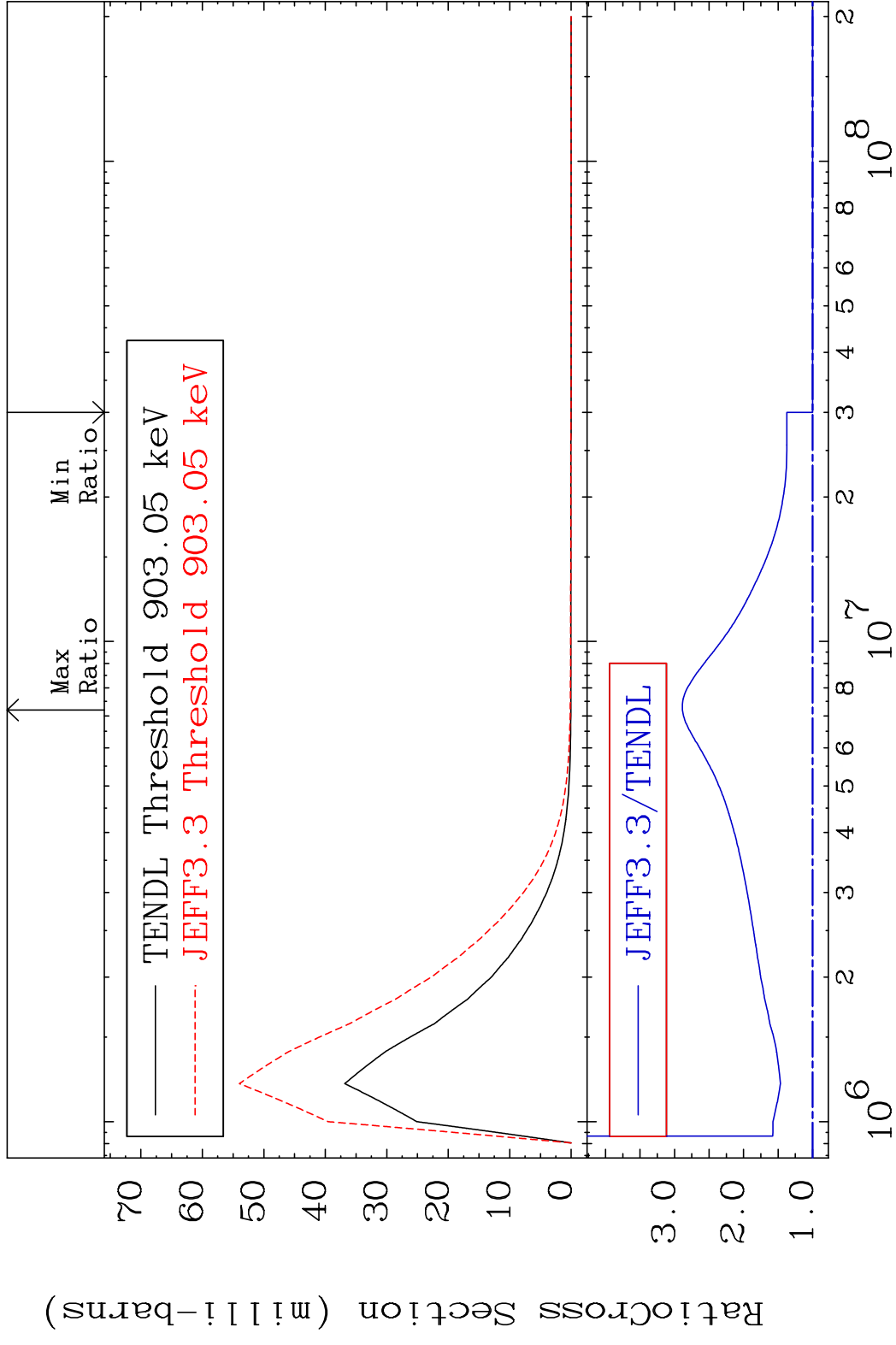


MAT 4531 MT= 73 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 107.1 %



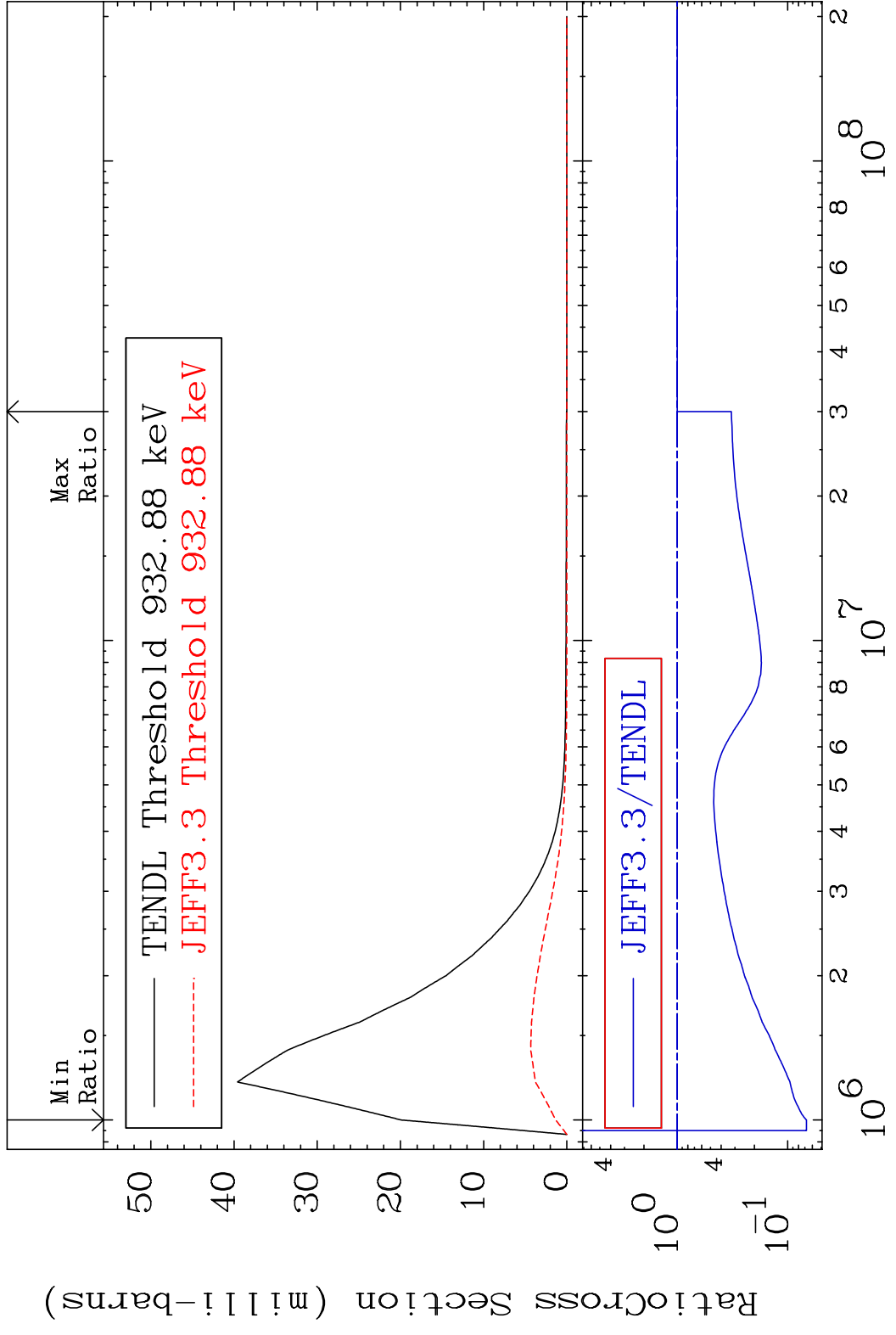
42 Incident Energy (eV) 45-Rh-105

MAT 4531 MT= 74 (n, n') Level 45-Rh-105
 Cross Section 0.000 To 188.7 %



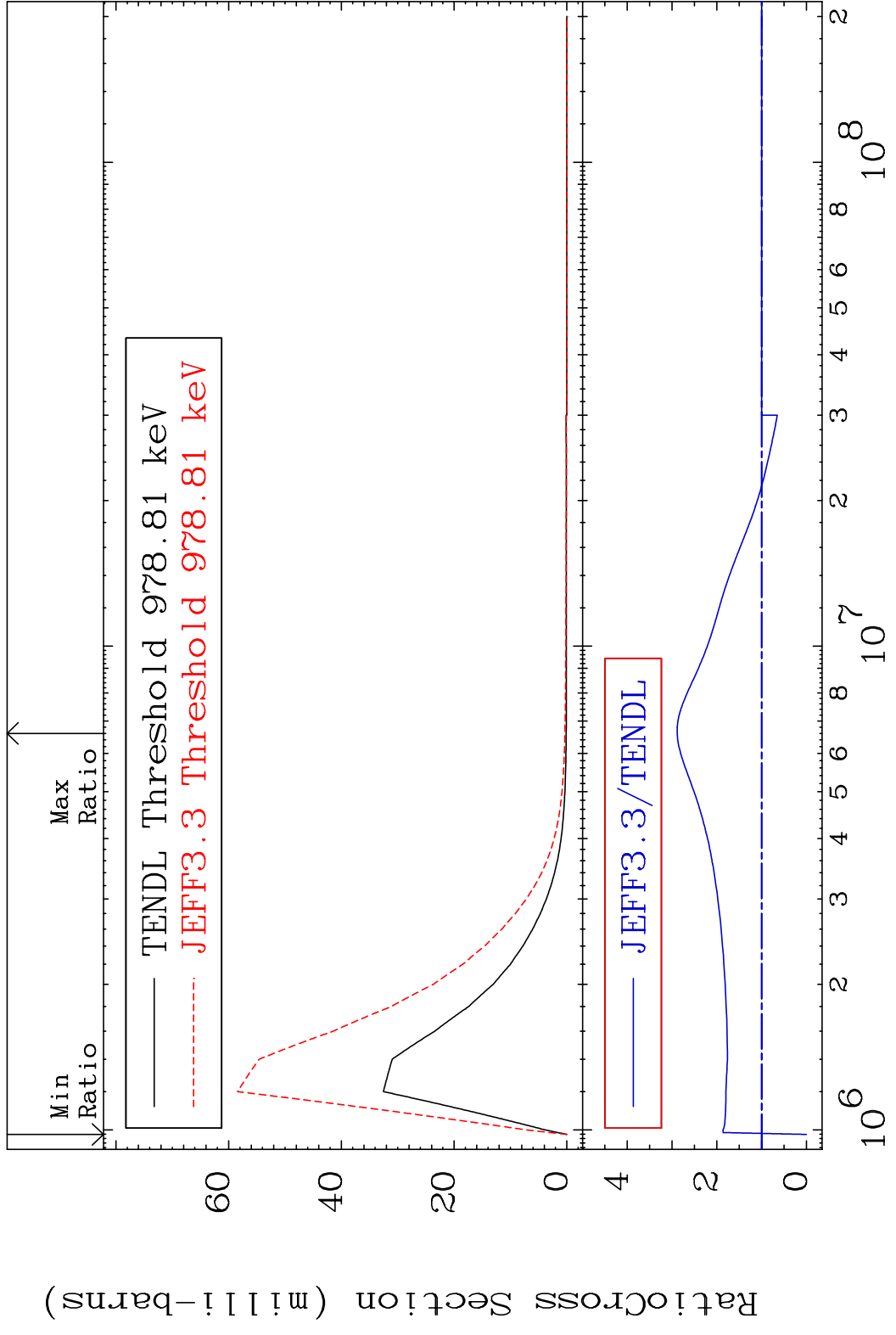
43 Incident Energy (eV) 45-Rh-105

MAT 4531 MT= 75 (n, n') Level 45-Rh-105
 Cross Section -93.22 To 0.000 %



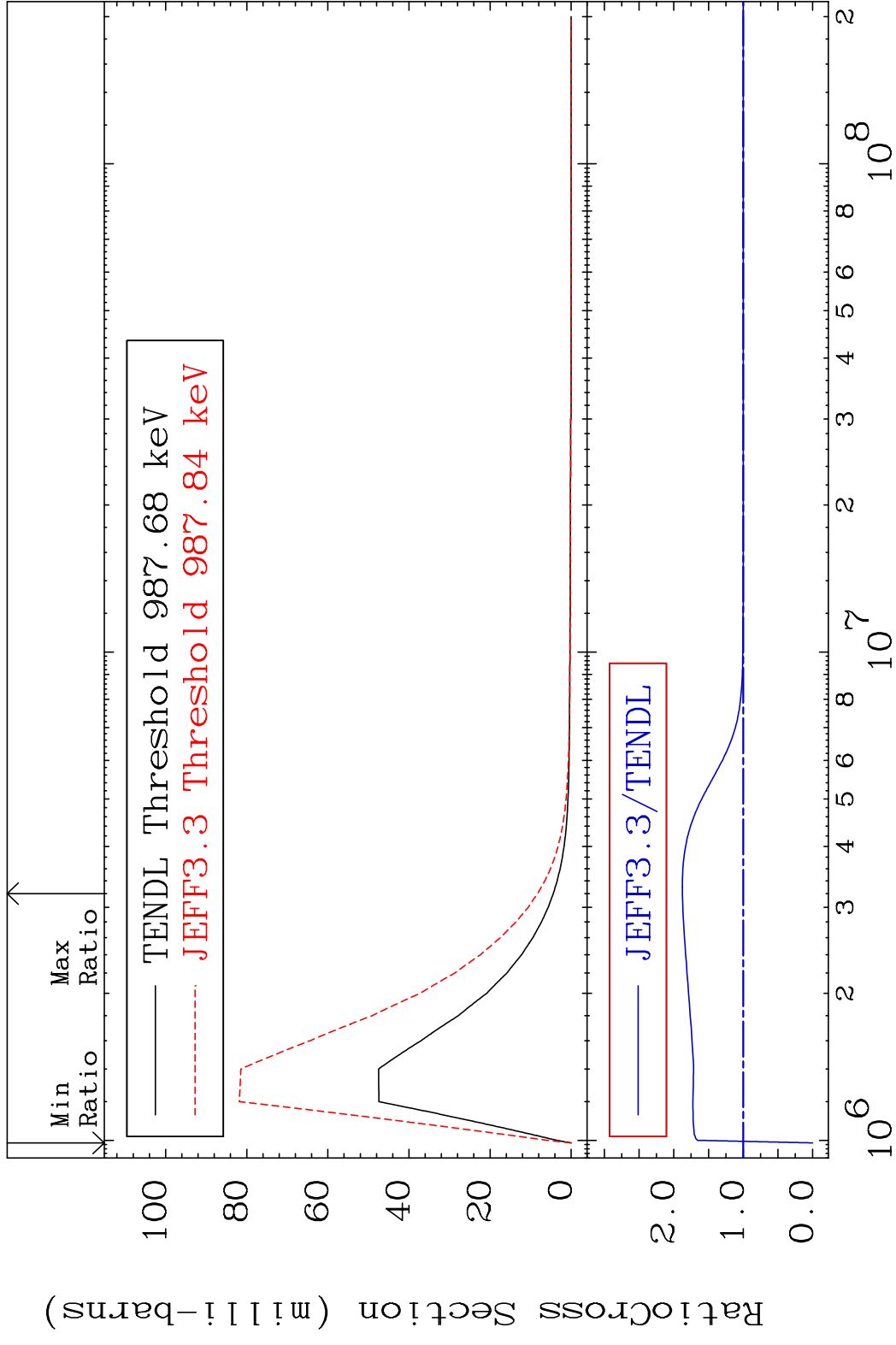
44 Incident Energy (eV) 45-Rh-105

MAT 4531 MT= 76 (n,n') Level 45-Rh-105
 Cross Section -100.0 To 188.3 %



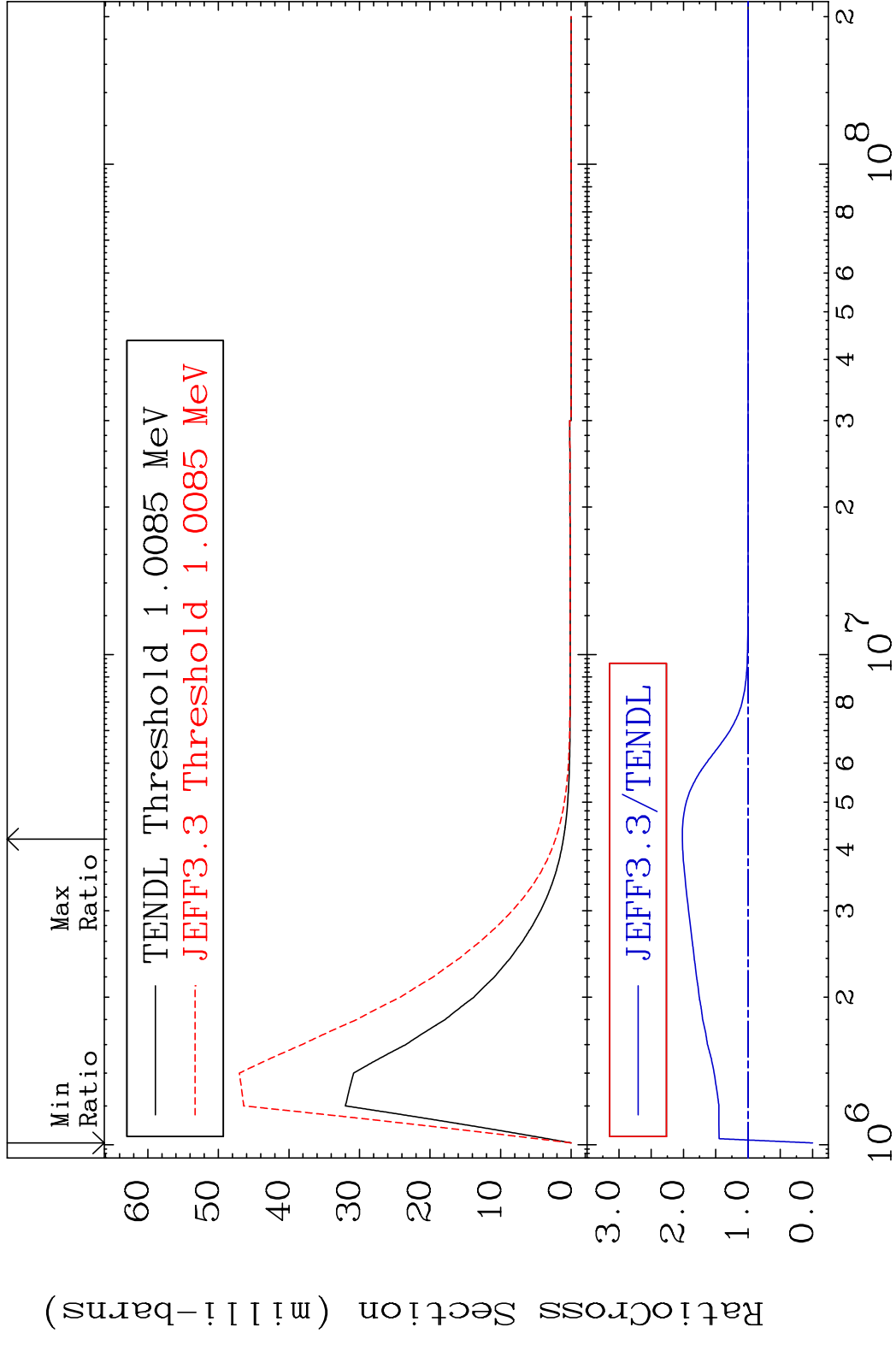
45 Incident Energy (eV) 45-Rh-105

MAT 4531 MT= 77 (n, n') Level 45-Rh-105
 Cross Section -100.0 To 87.70 %



46 Incident Energy (eV) 45-Rh-105

MAT 4531 MT= 78 (n,n') Level 45-Rh-105
 Cross Section -100.0 To 101.7 %



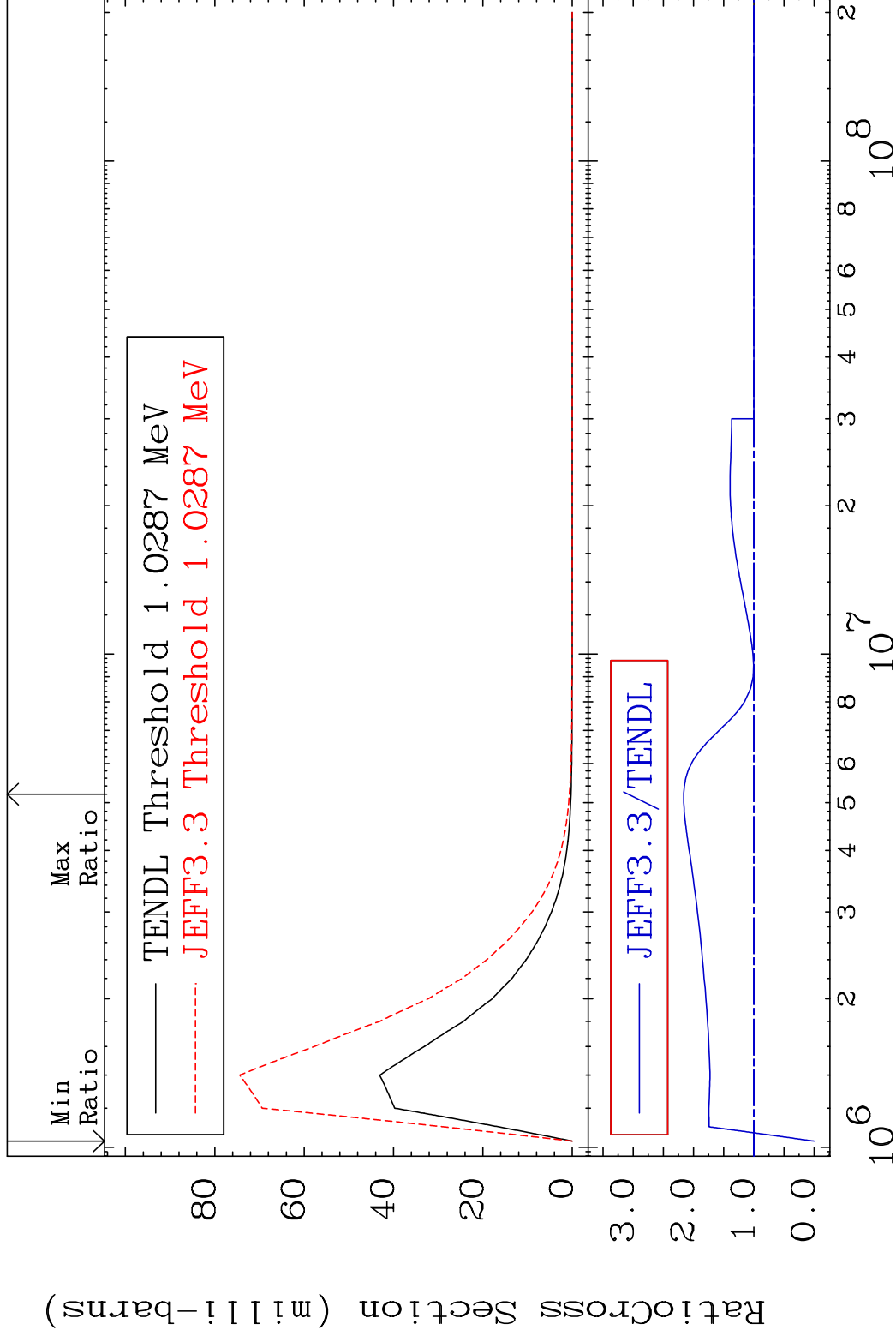
47 45-Rh-105

MAT 4531

MT= 79 (n, n') Level

45-Rh-105

Cross Section -100.0 To 116.4 %



48

Incident Energy (eV)

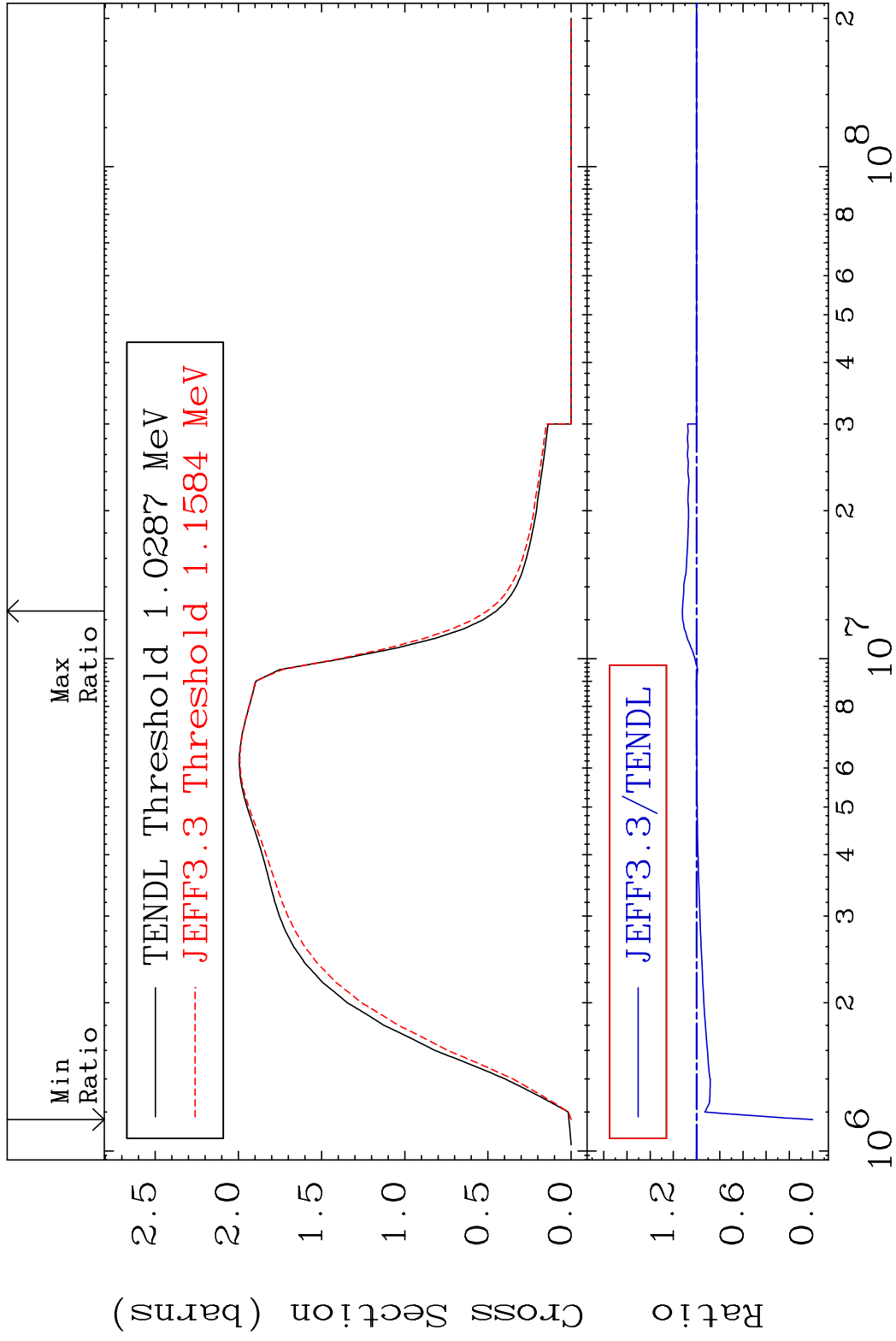
45-Rh-105

MAT 4531

(n, n') Continuum

45-Rh-105

Cross Section -100.0 To 12.22 %



49

Incident Energy (eV)

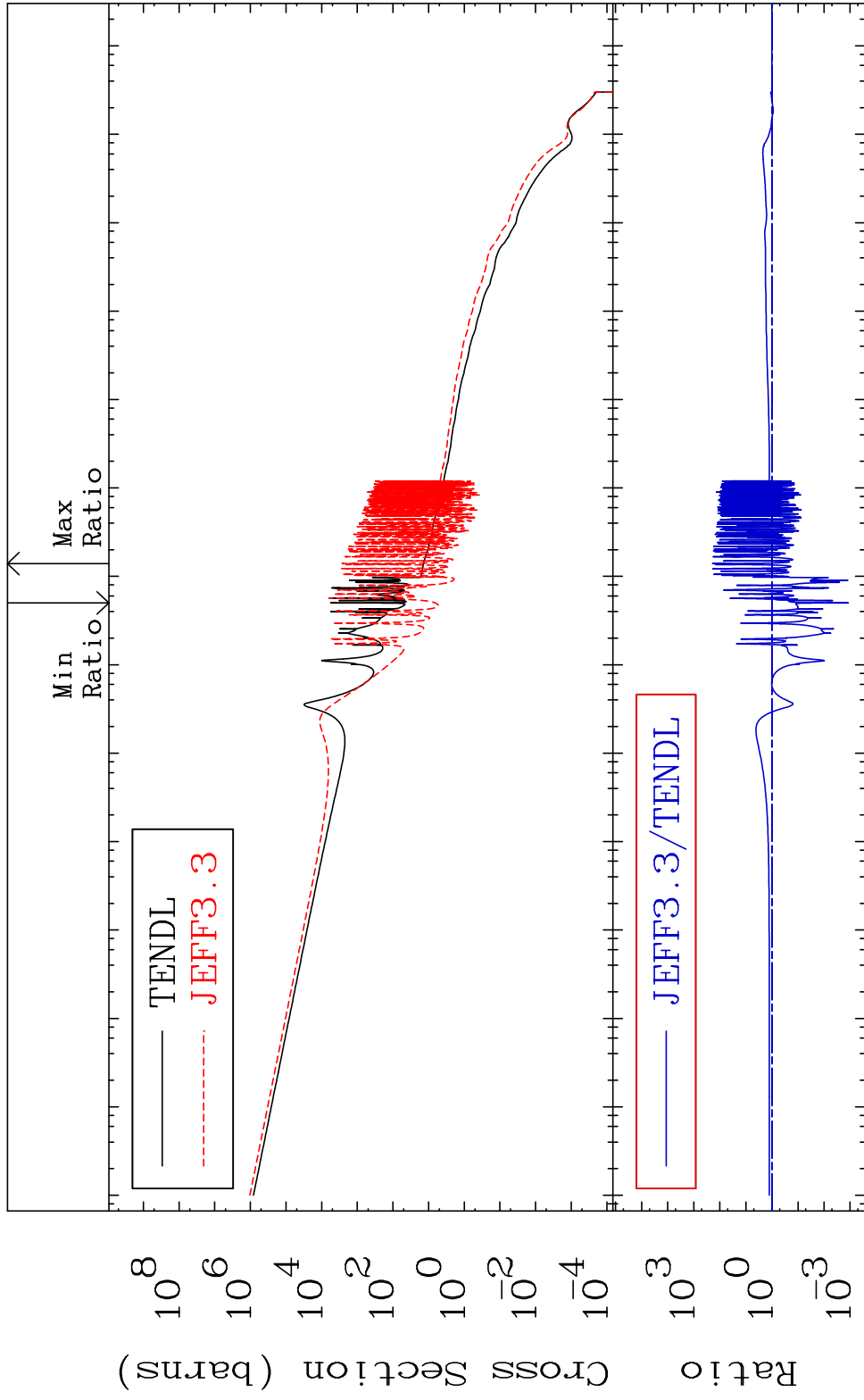
45-Rh-105

MAT 4531

(n, γ)

45-Rh-105

Cross Section -99.88 To 9999. %



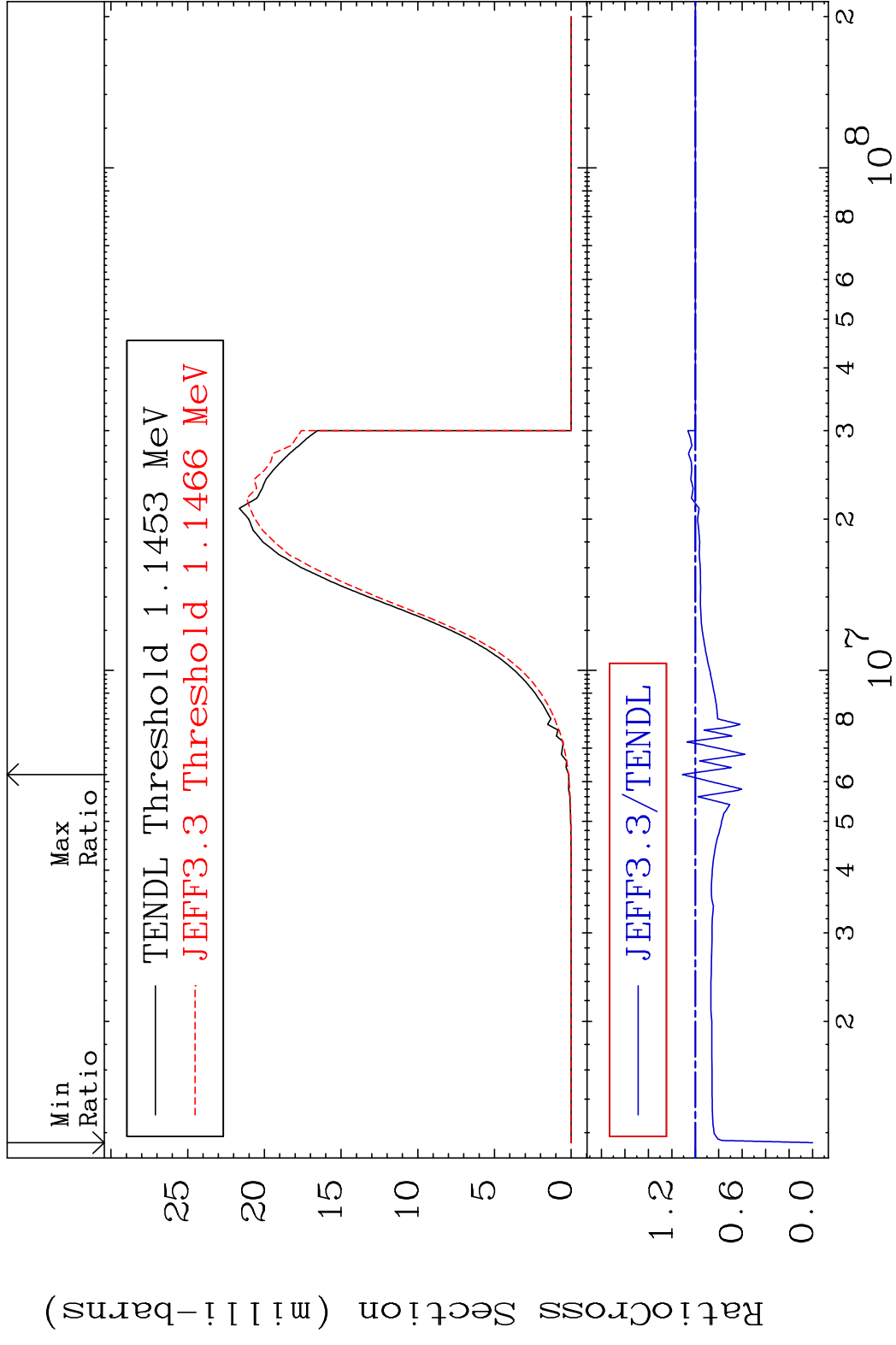
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

50

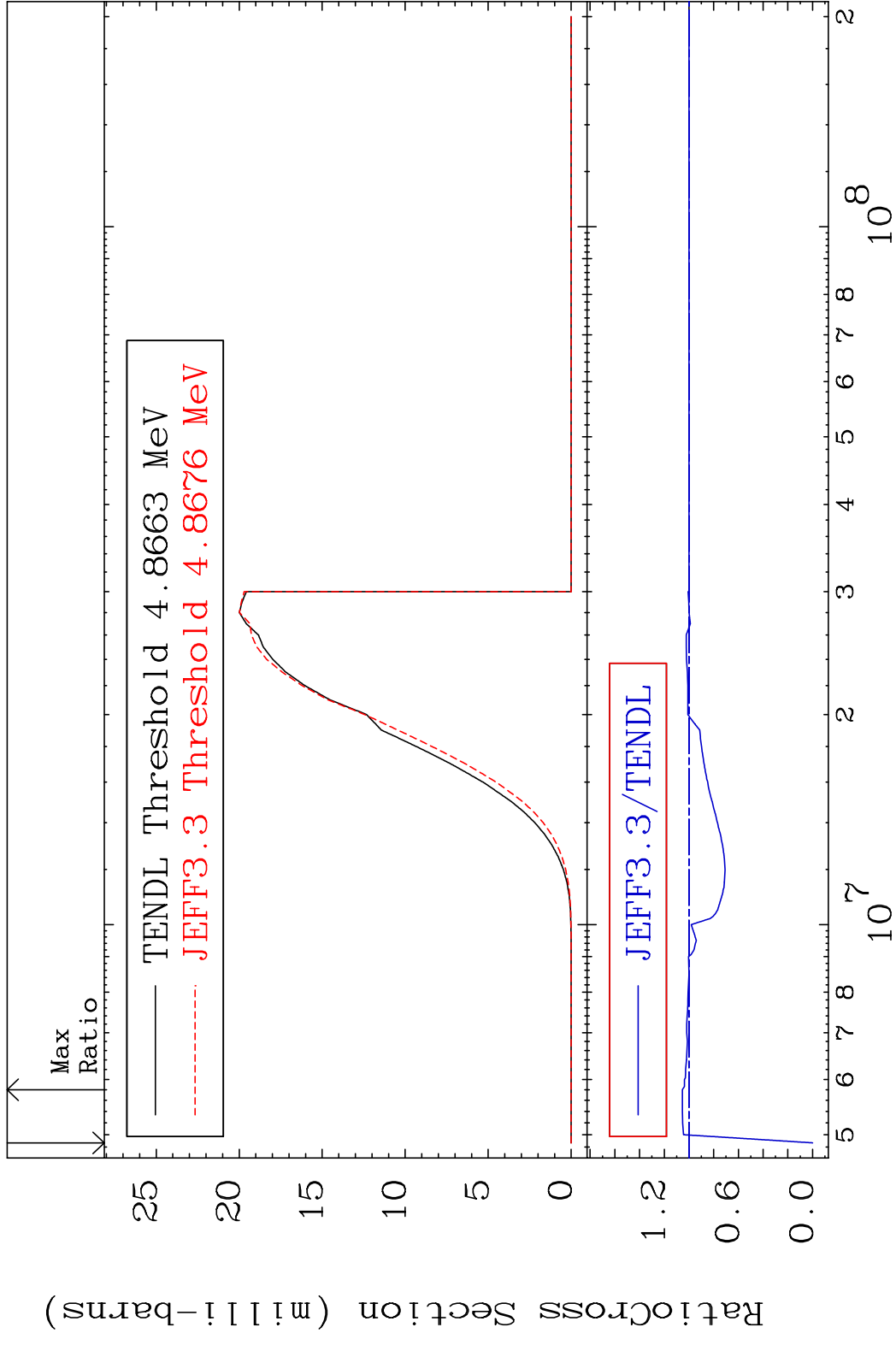
Incident Energy (eV)

45-Rh-105

MAT 4531 (n,p) 45-Rh-105
 Cross Section -100.0 To 11.05 %



MAT 4531 (n,d) 45-Rh-105
 Cross Section -100.0 To 5.360 %

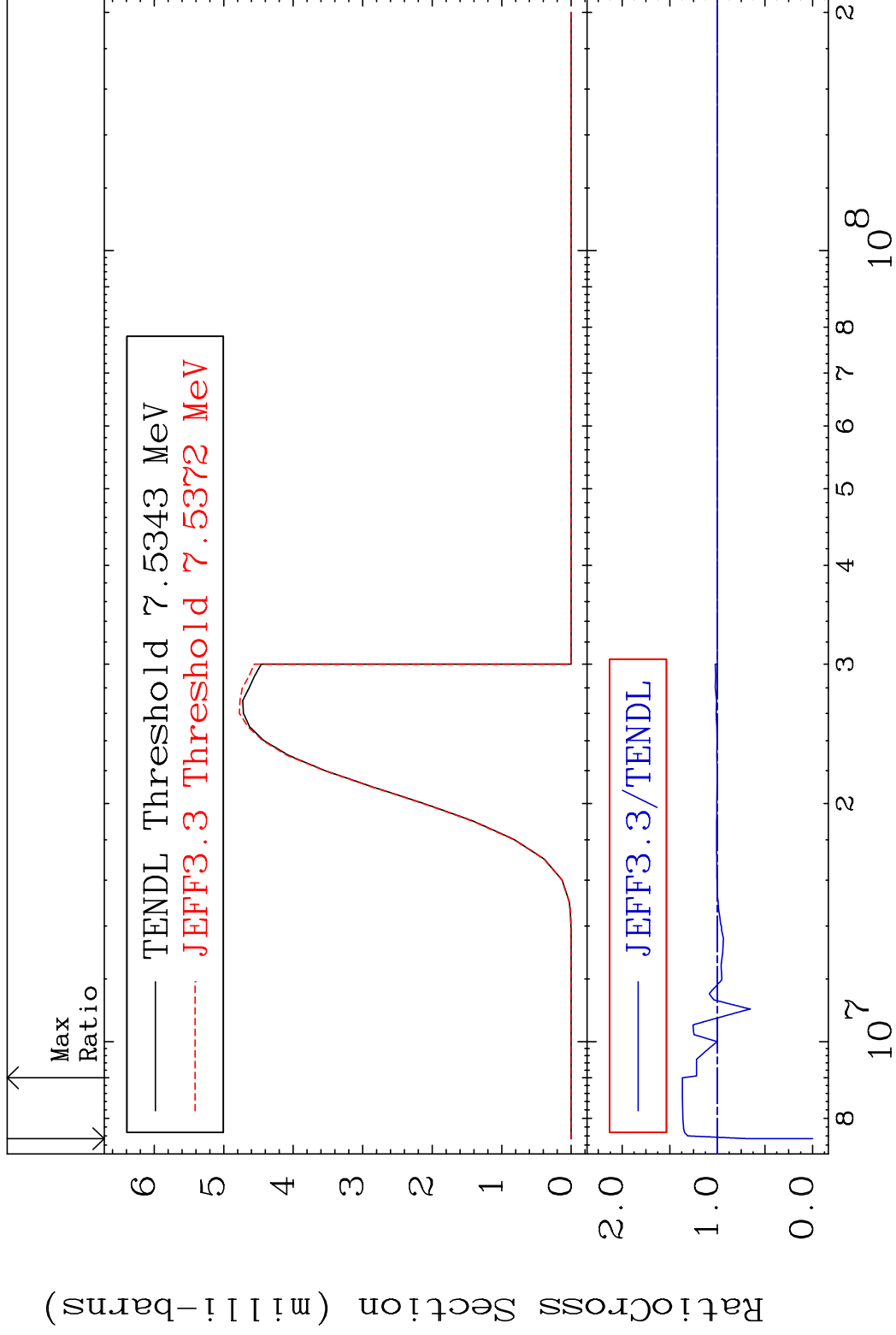


MAT 4531

(n, t)

45-Rh-105

Cross Section -100.0 To 36.75 %



53

Incident Energy (eV)

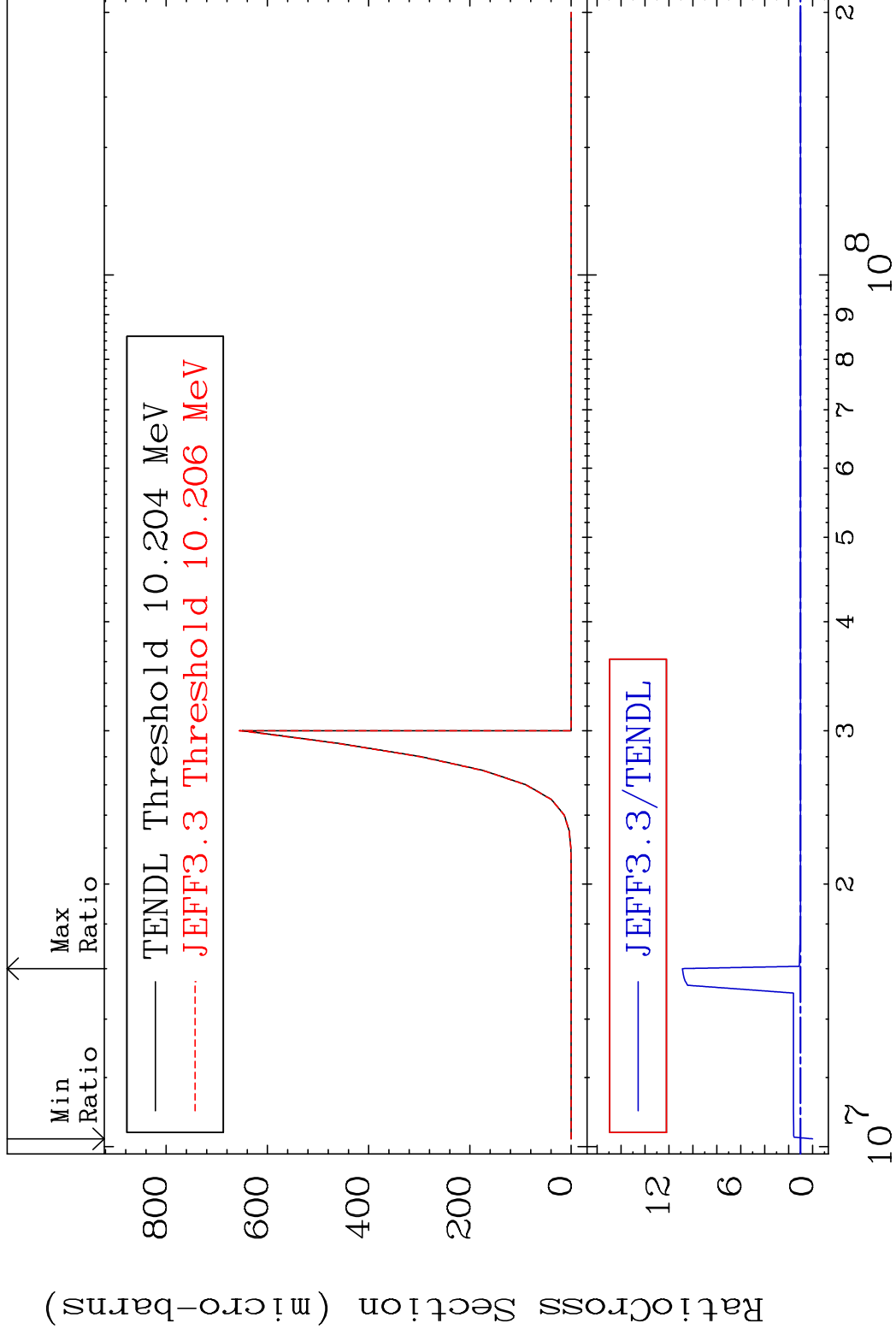
45-Rh-105

MAT 4531

(n, He-3)

45-Rh-105

Cross Section -100.0 To 987.3 %



54

Incident Energy (eV)

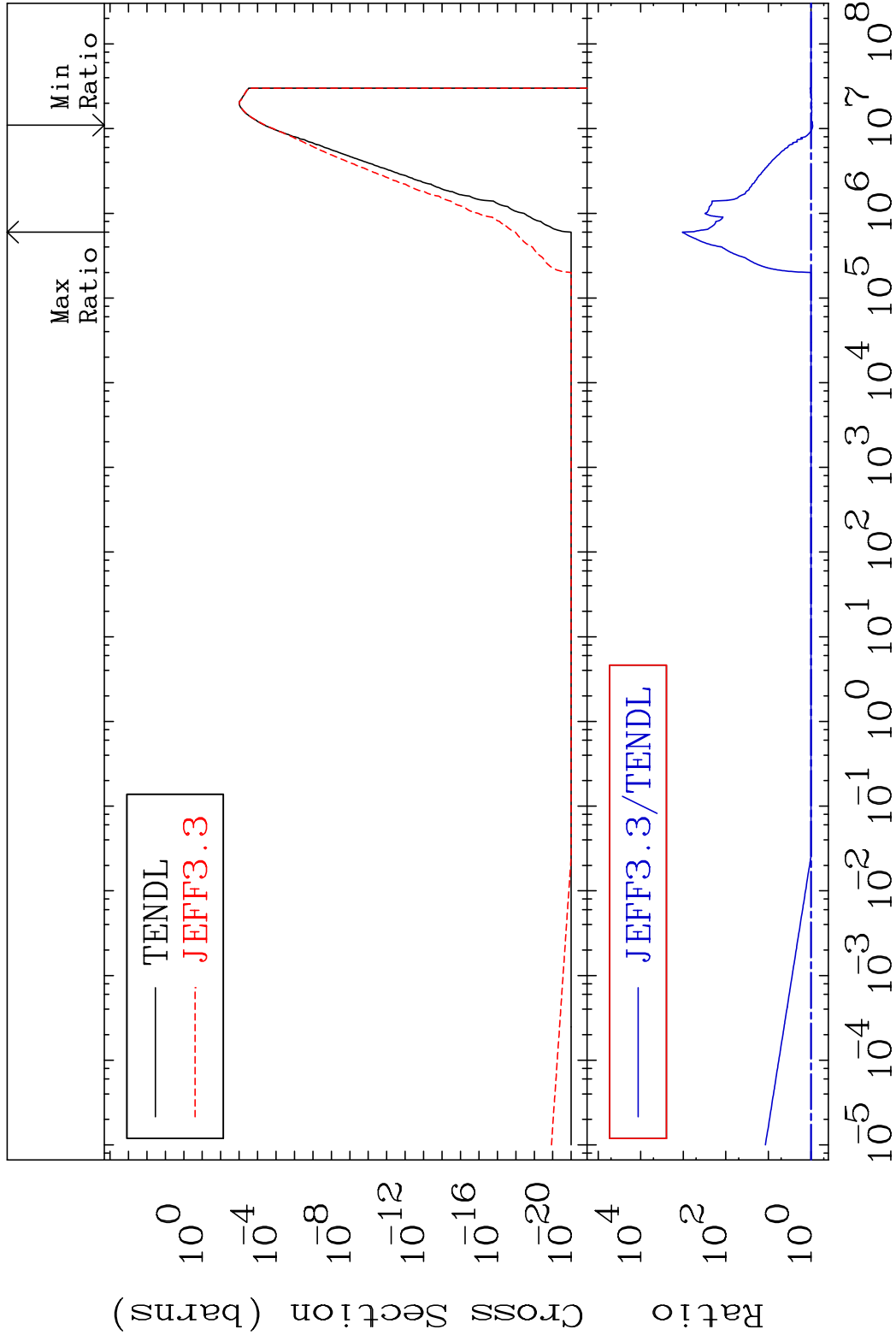
45-Rh-105

MAT 4531

(n, α)

45-Rh-105

Cross Section -8.338 To 9999. %



55

Incident Energy (eV)

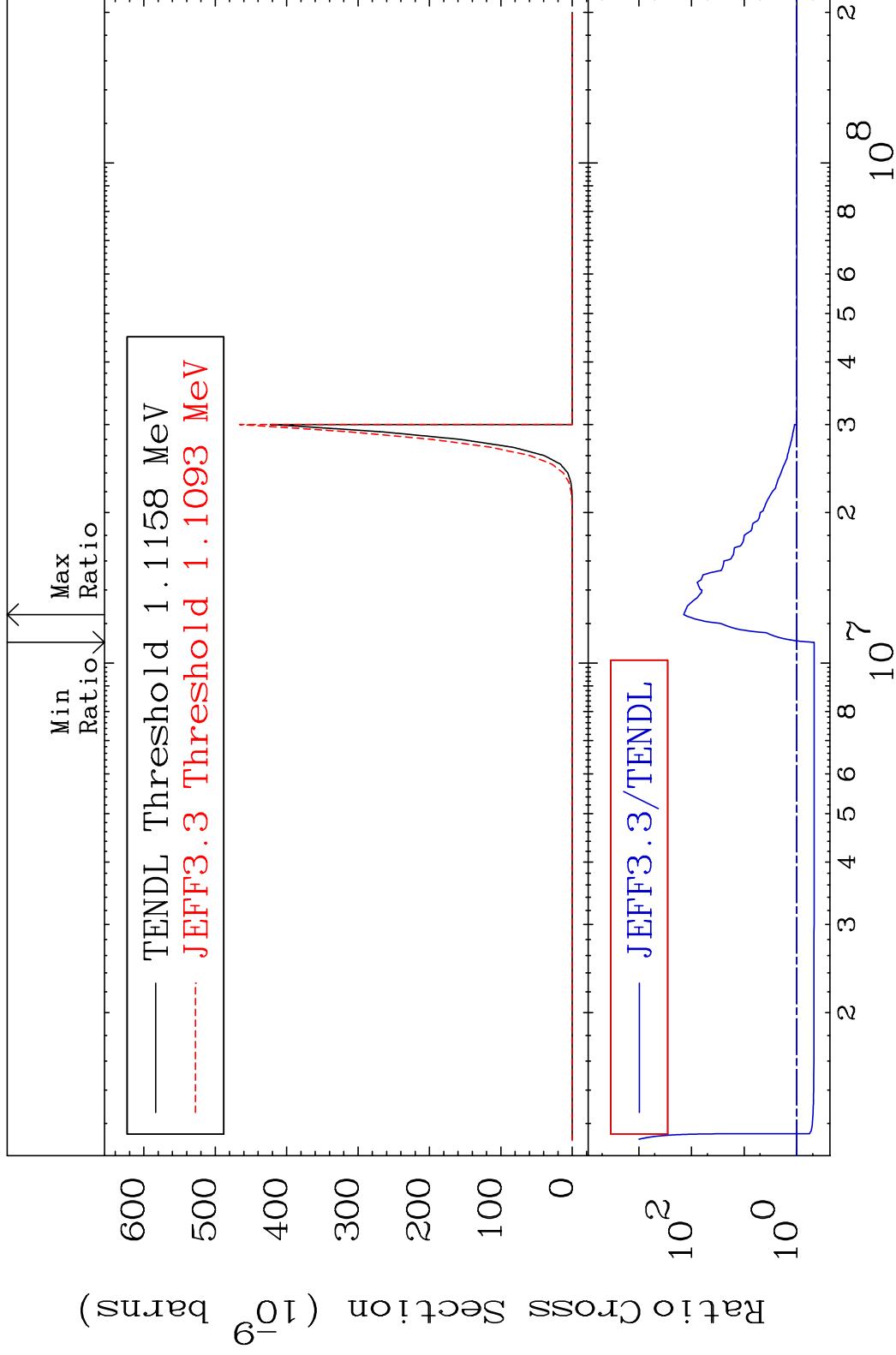
45-Rh-105

MAT 4531

(n, 2α)

45-Rh-105

Cross Section -53.02 To 9999. %



56

Incident Energy (eV)

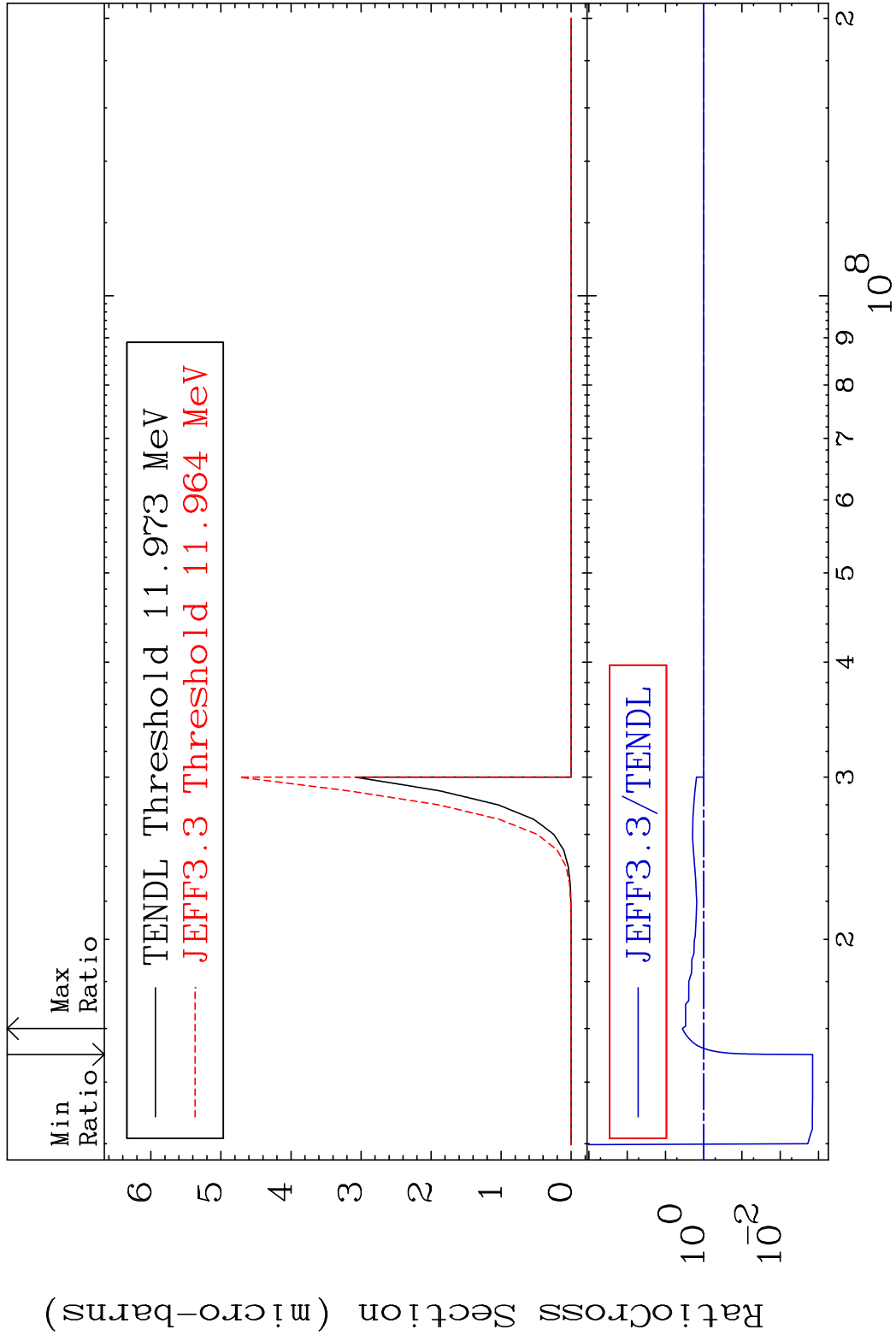
45-Rh-105

MAT 4531

(n,2p)

45-Rh-105

Cross Section -99.86 To 261.5 %

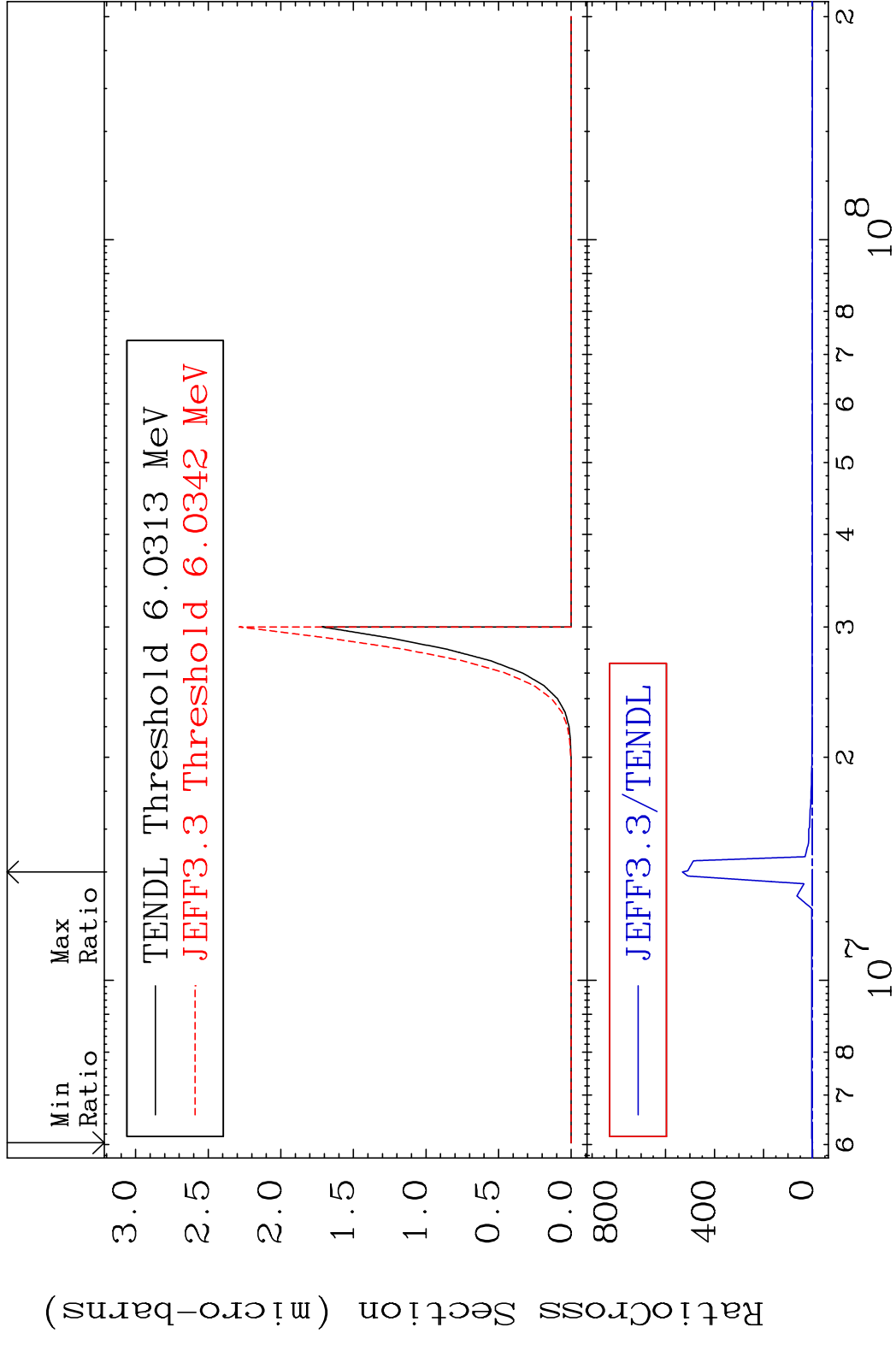


57

Incident Energy (eV)

45-Rh-105

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



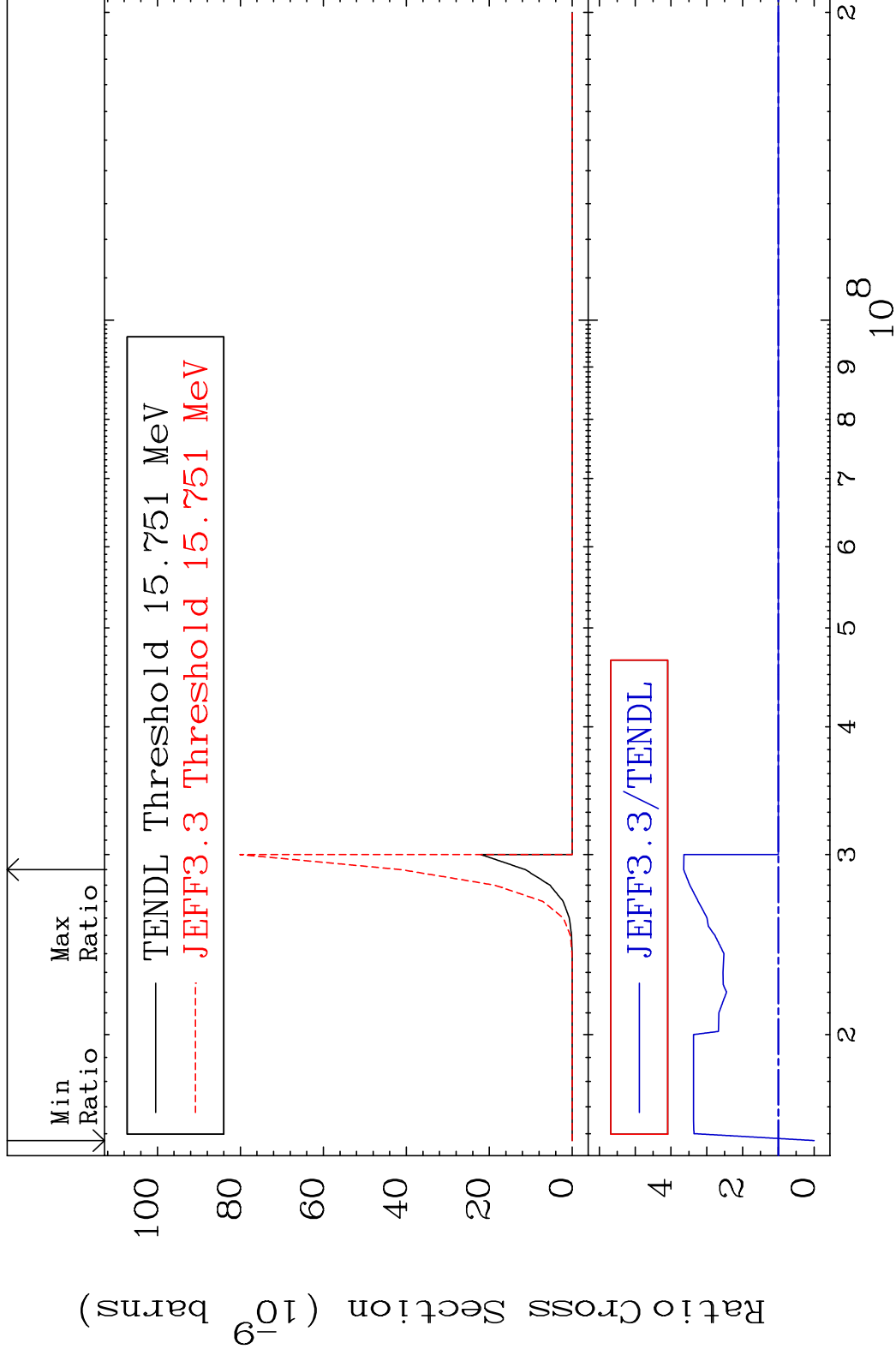
MAT 4531

(n,p) d

45-Rh-105

Cross Section

-100.0 To 264.6 %

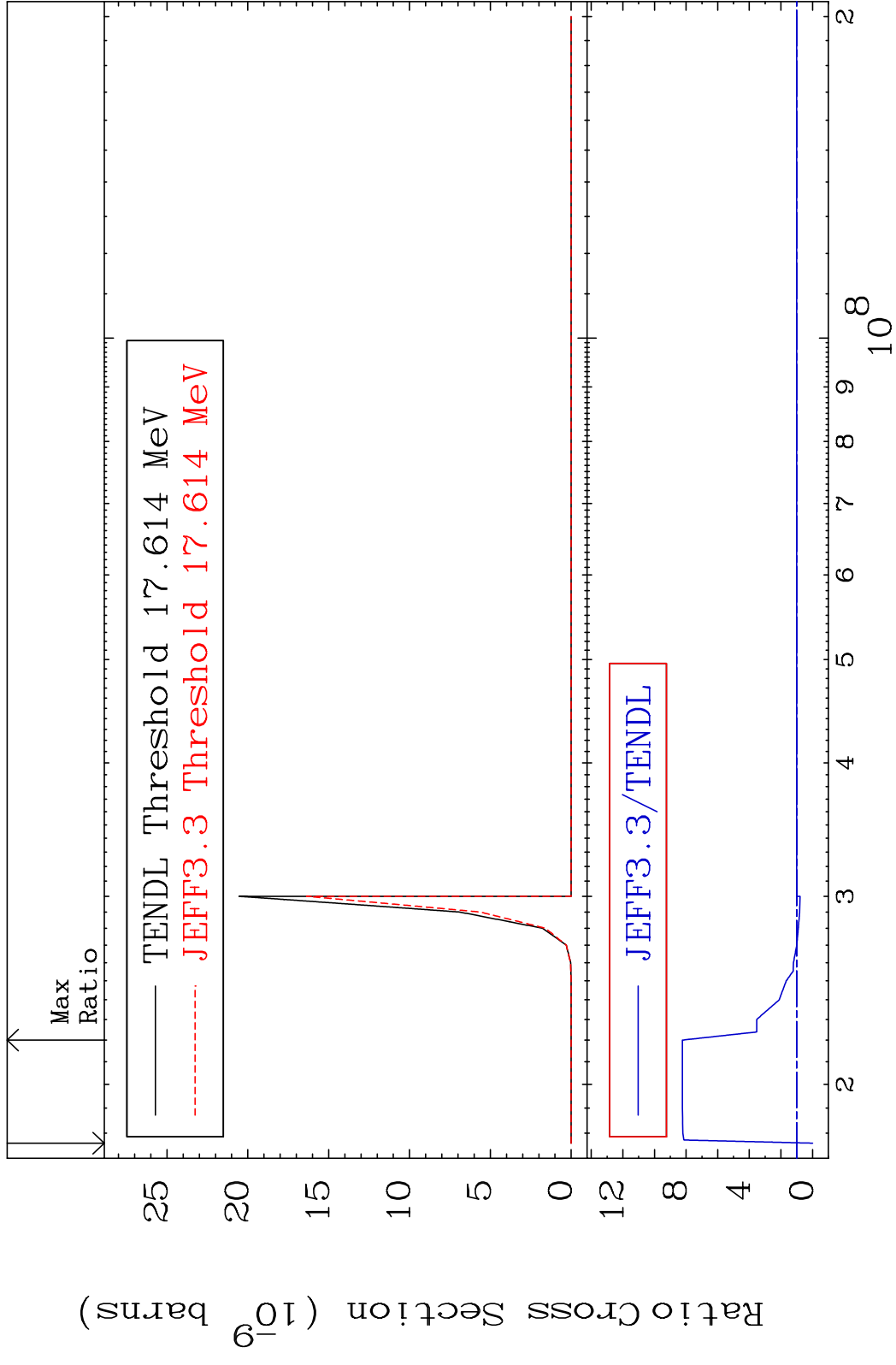


59

Incident Energy (eV)

45-Rh-105

MAT 4531 (n,p) t 45-Rh-105
 Cross Section -100.0 To 723.6 %

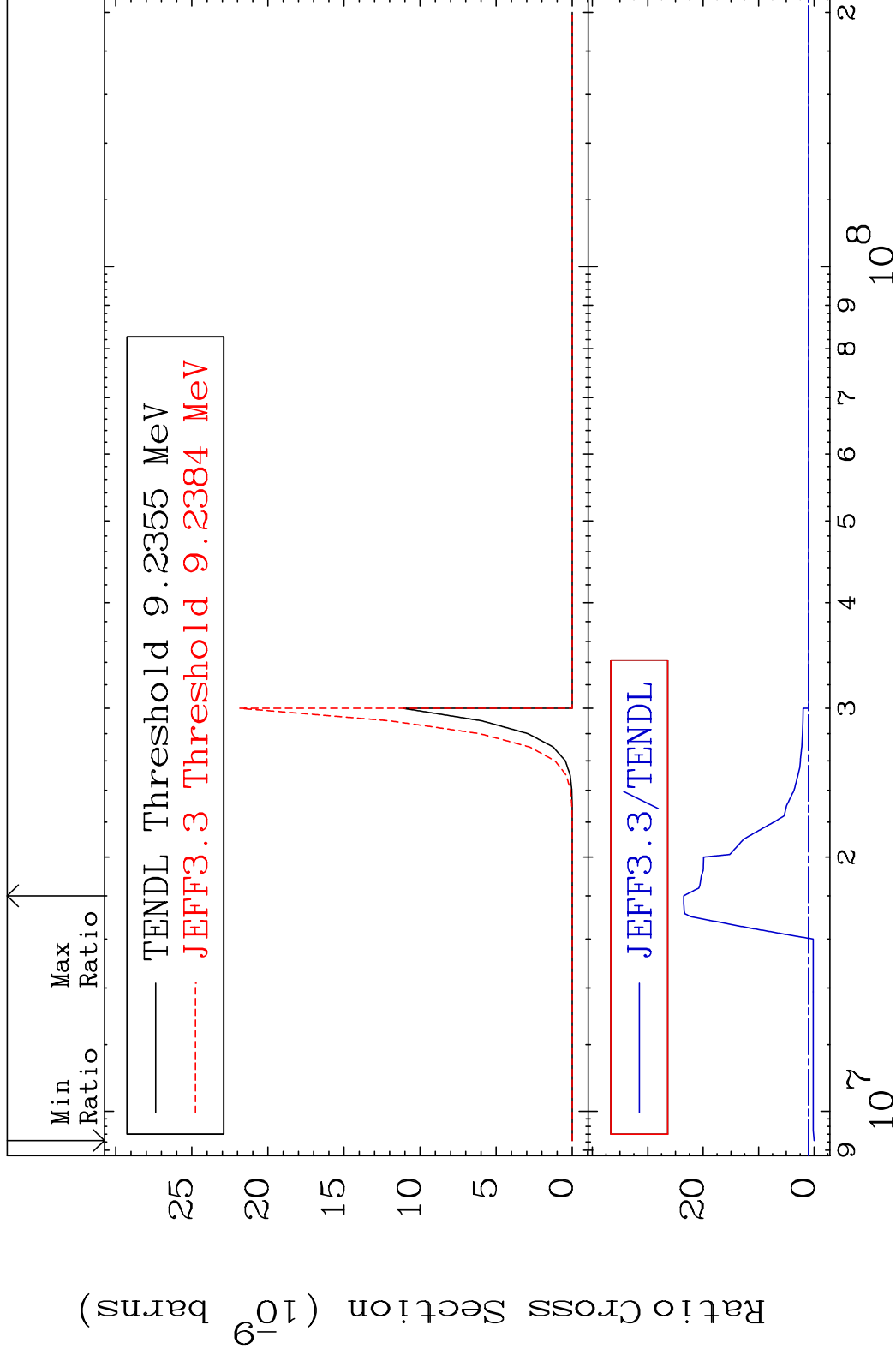


MAT 4531

(n,d) α

45-Rh-105

Cross Section -100.0 To 2252. %

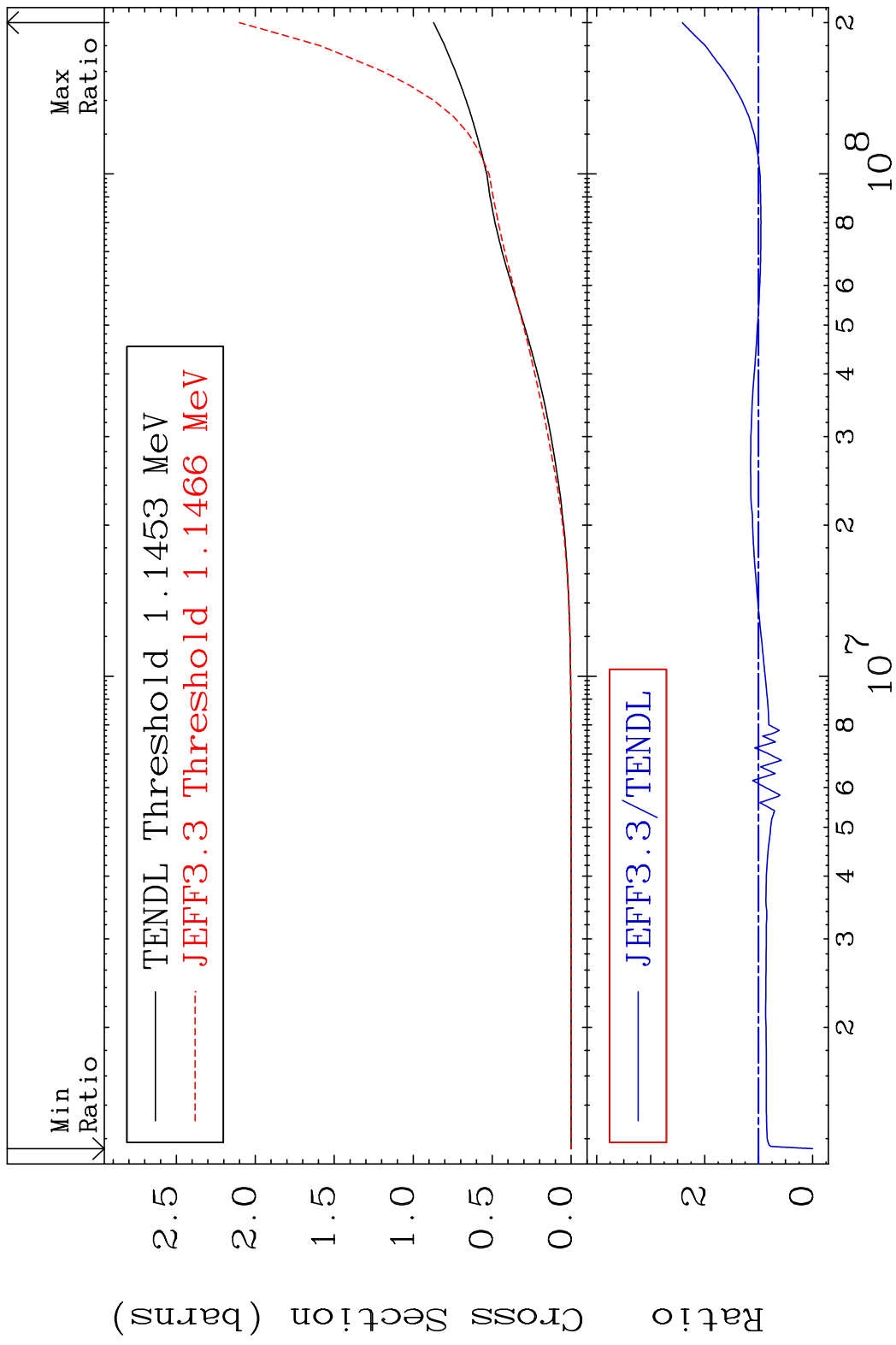


61

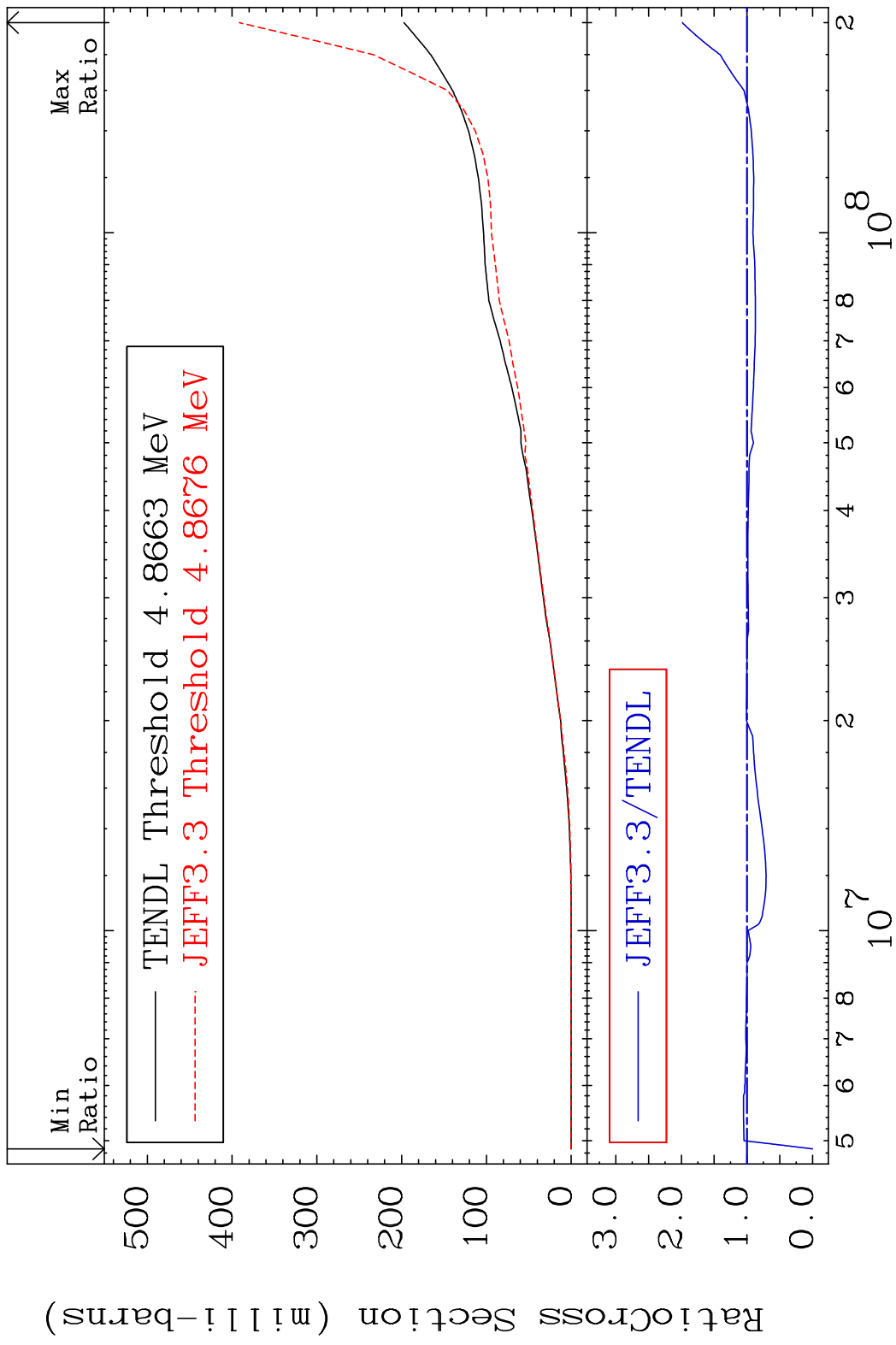
Incident Energy (eV)

45-Rh-105

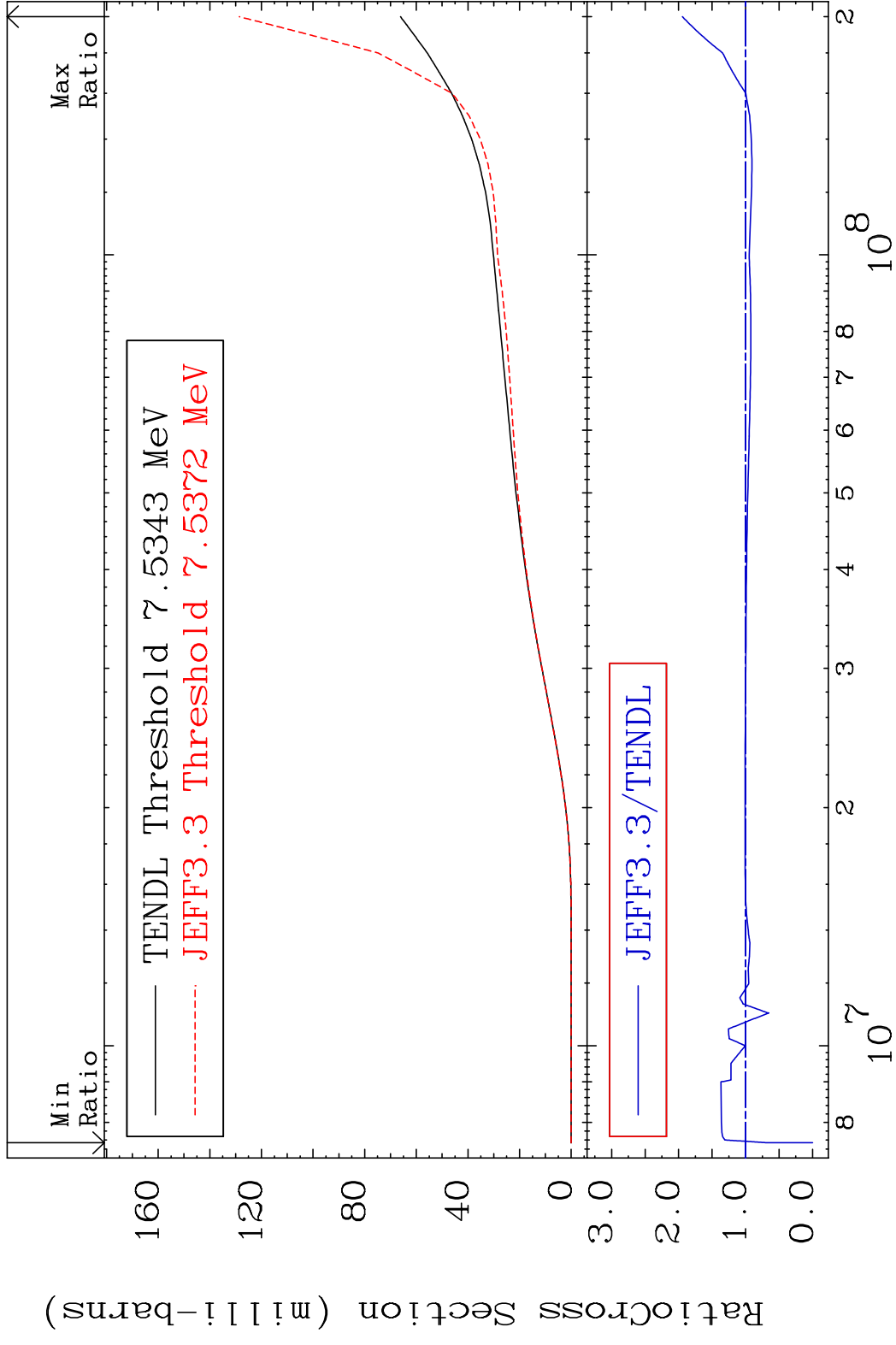
MAT 4531 Hydrogen Production 45-Rh-105
 Cross Section -100.0 To 141.3 %



MAT 4531 Deuterium Production 45-Rh-105
 Cross Section -100.0 To 98.56 %



MAT 4531 Tritium Production 45-Rh-105
 Cross Section -100.0 To 94.40 %

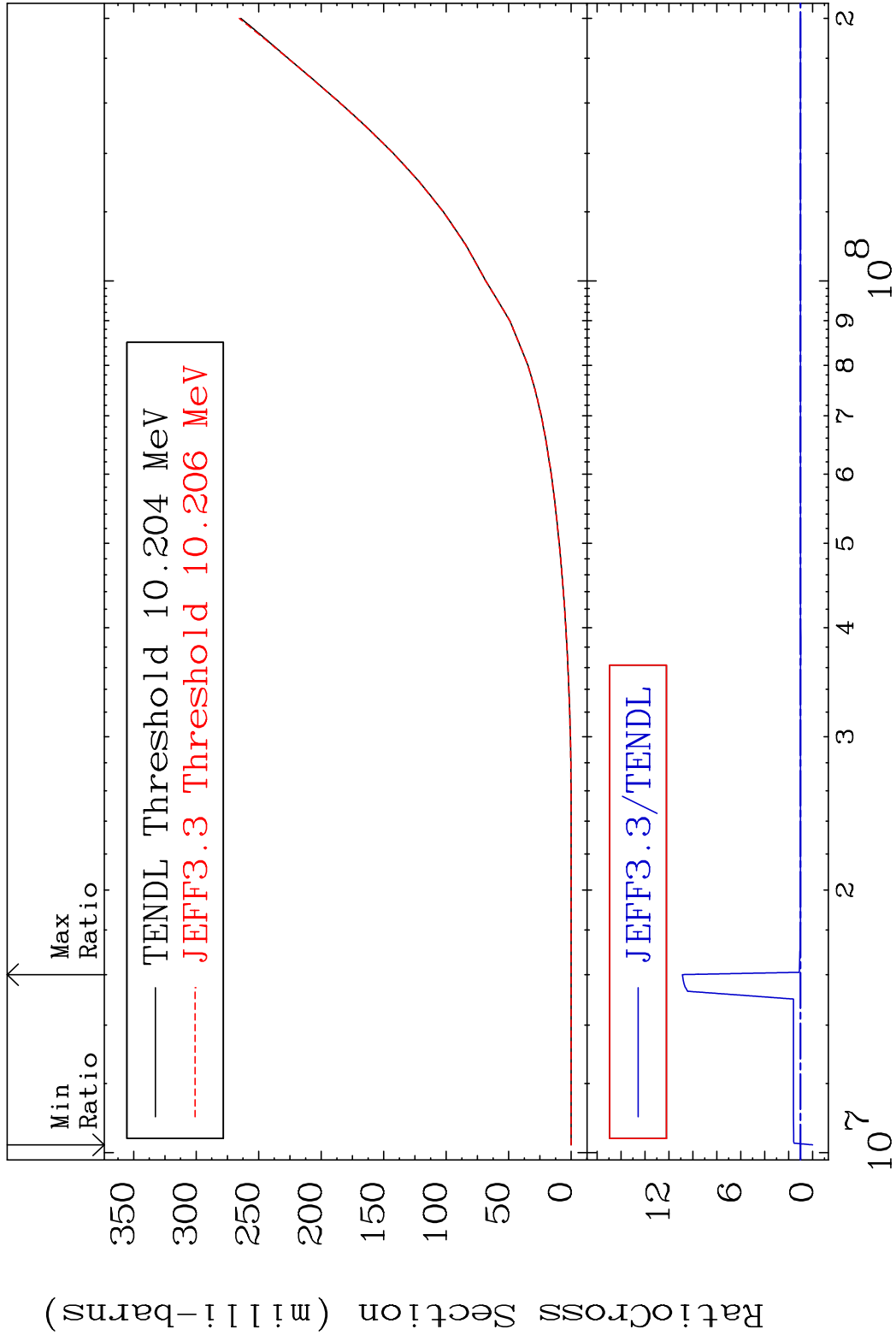


MAT 4531

He-3 Production

45-Rh-105

Cross Section -100.0 To 987.3 %



65

Incident Energy (eV)

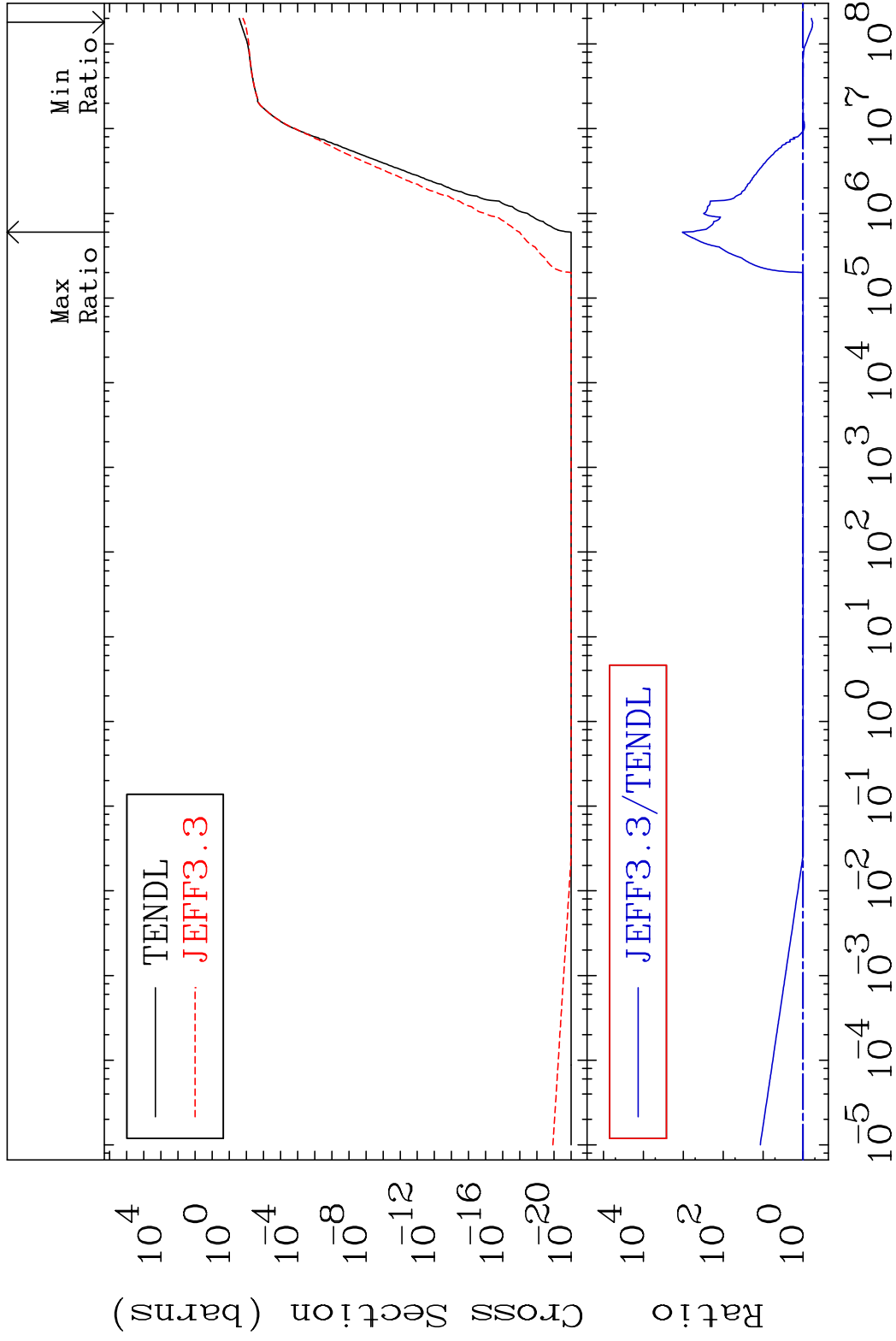
45-Rh-105

MAT 4531

He-4 Production

45-Rh-105

Cross Section -42.62 To 9999. %

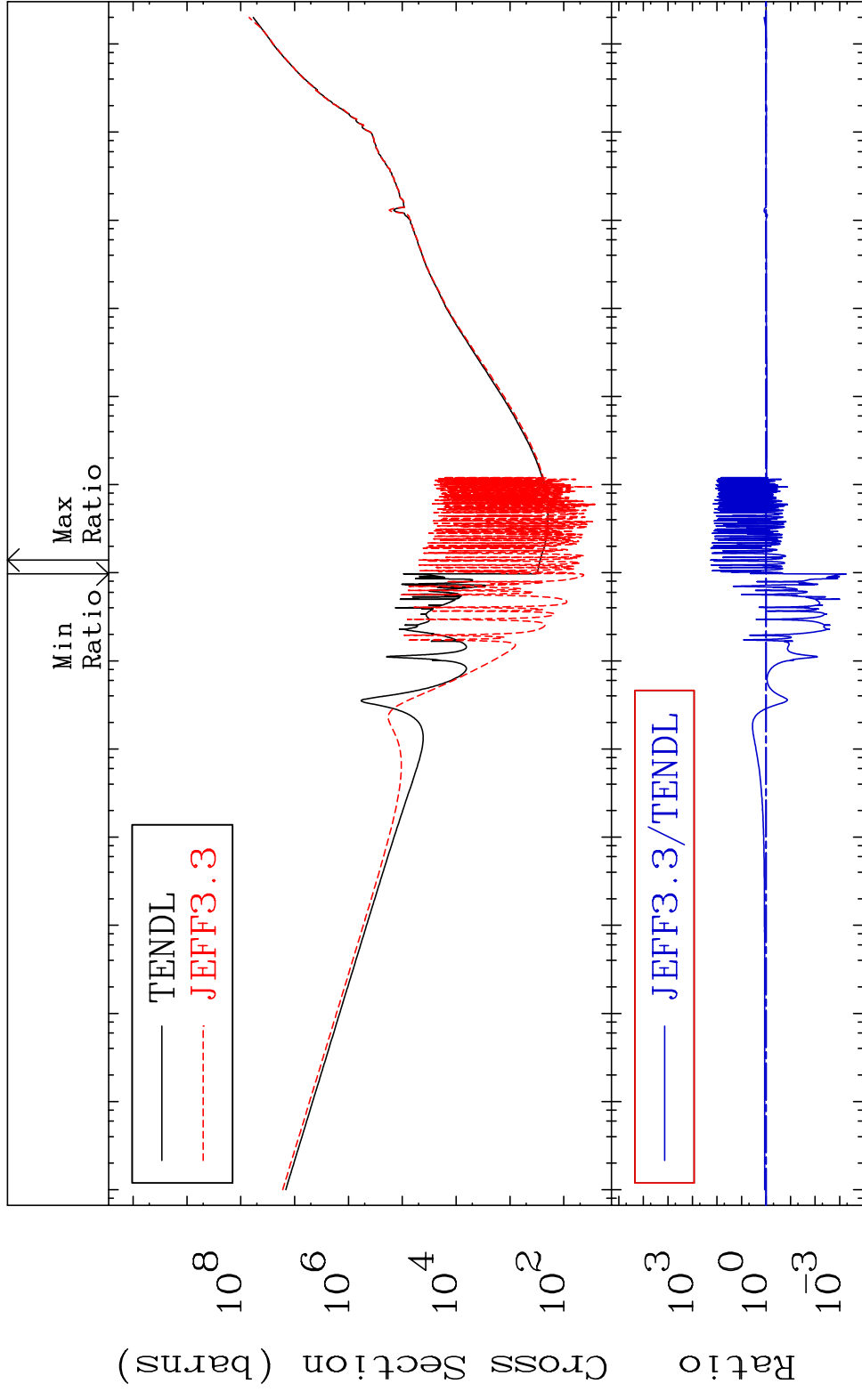


66

Incident Energy (eV)

45-Rh-105

MAT 4531 Kerma total (eV-barns) 45-Rh-105
 Cross Section -99.95 To 9999. %

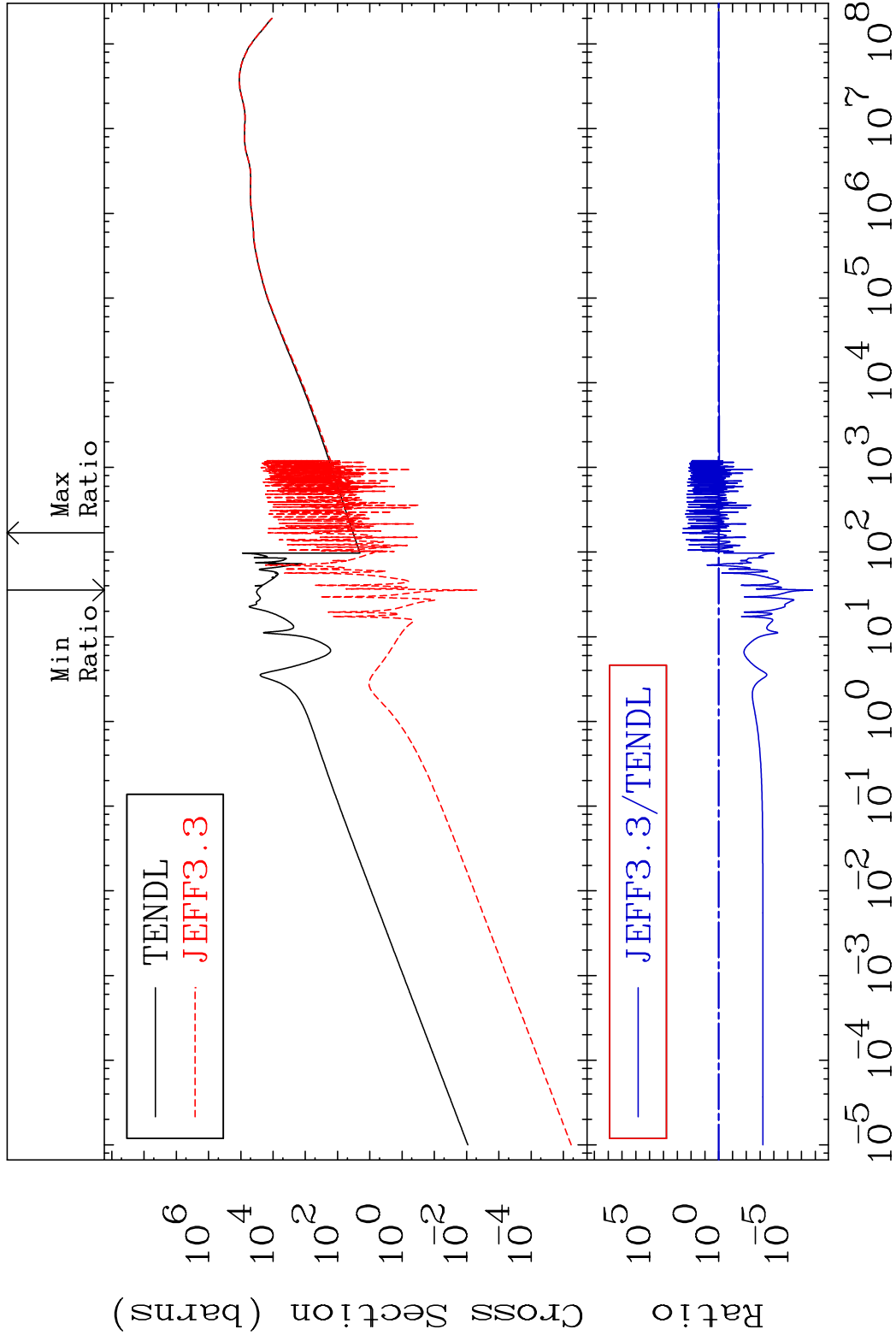


67 Incident Energy (eV) 45-Rh-105

MAT 4531

Kerma elastic
Cross Section

45-Rh-105
-100.0 To 9999. %

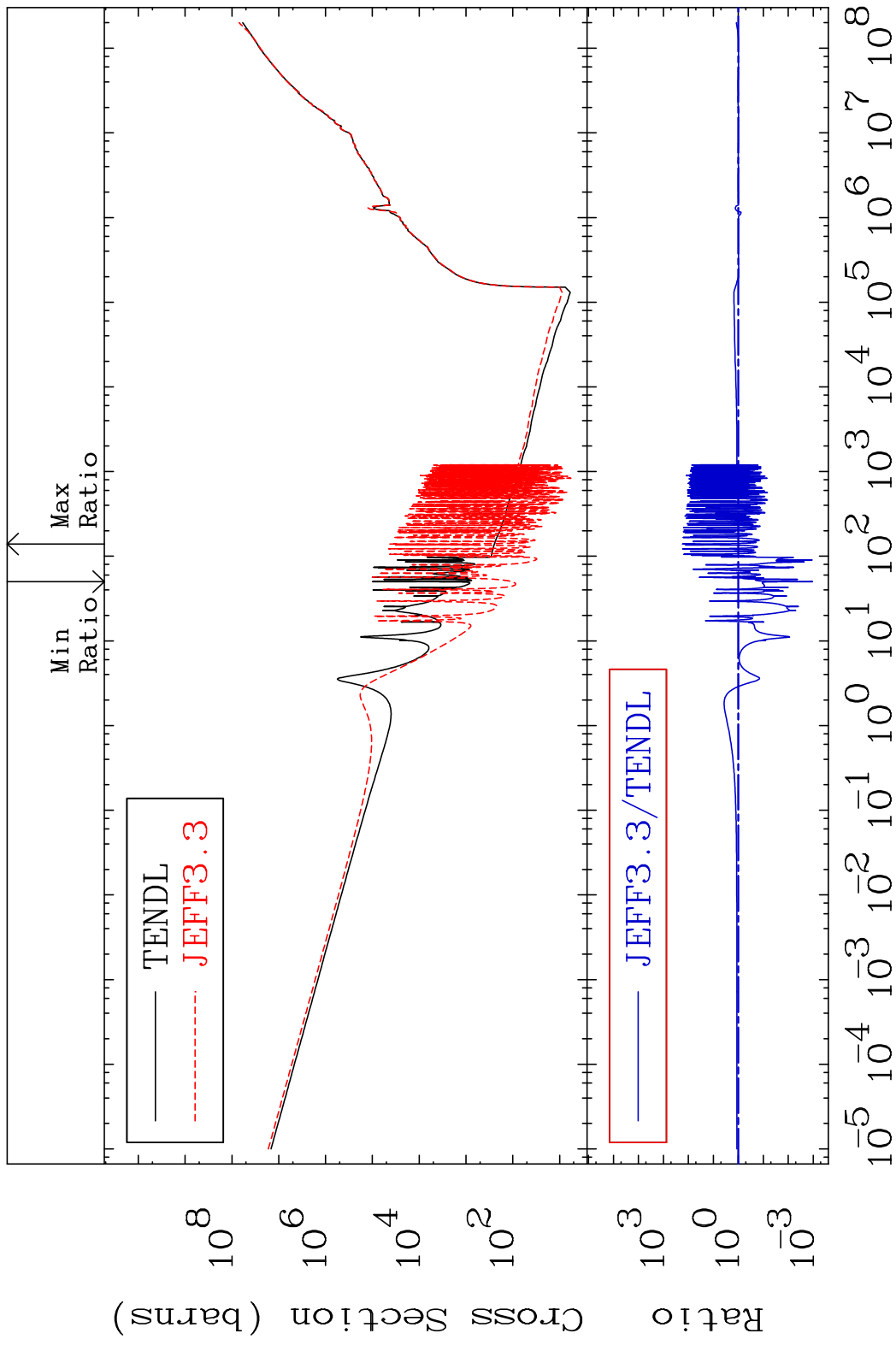


68

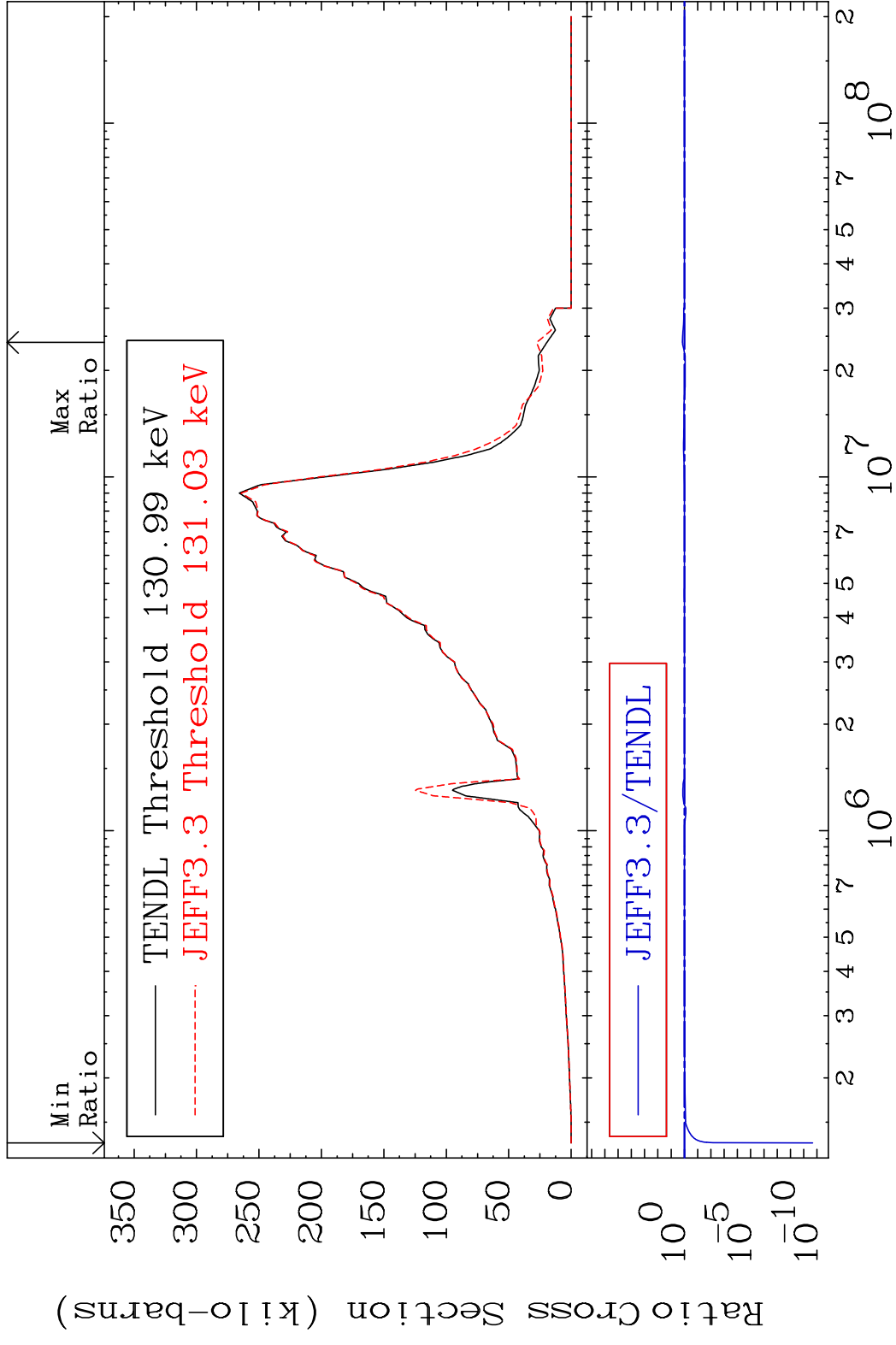
Incident Energy (eV)

45-Rh-105

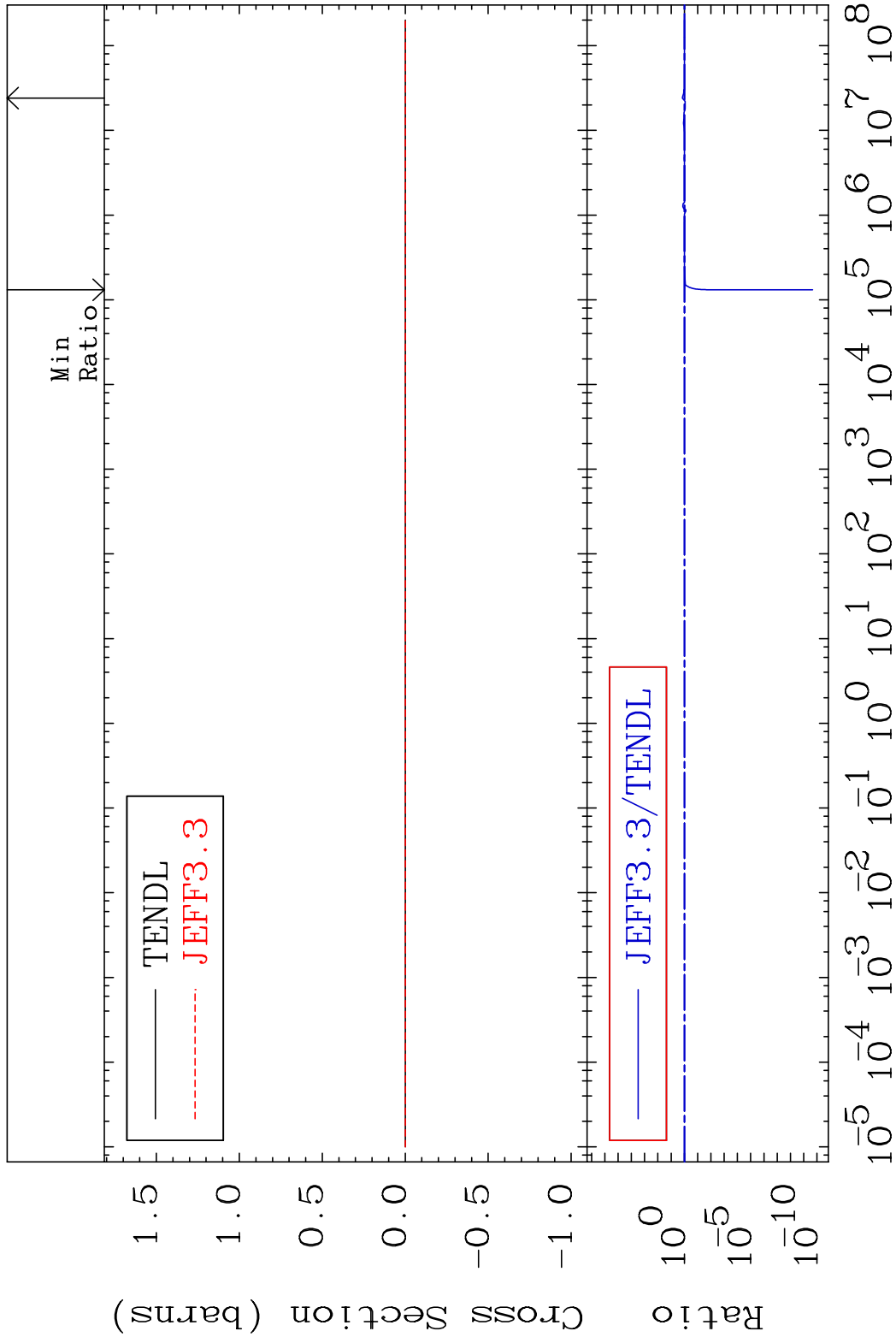
MAT 4531 Kerma non-elastic (all but mt2) 45-Rh-105
 Cross Section -99.89 To 9999. %



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

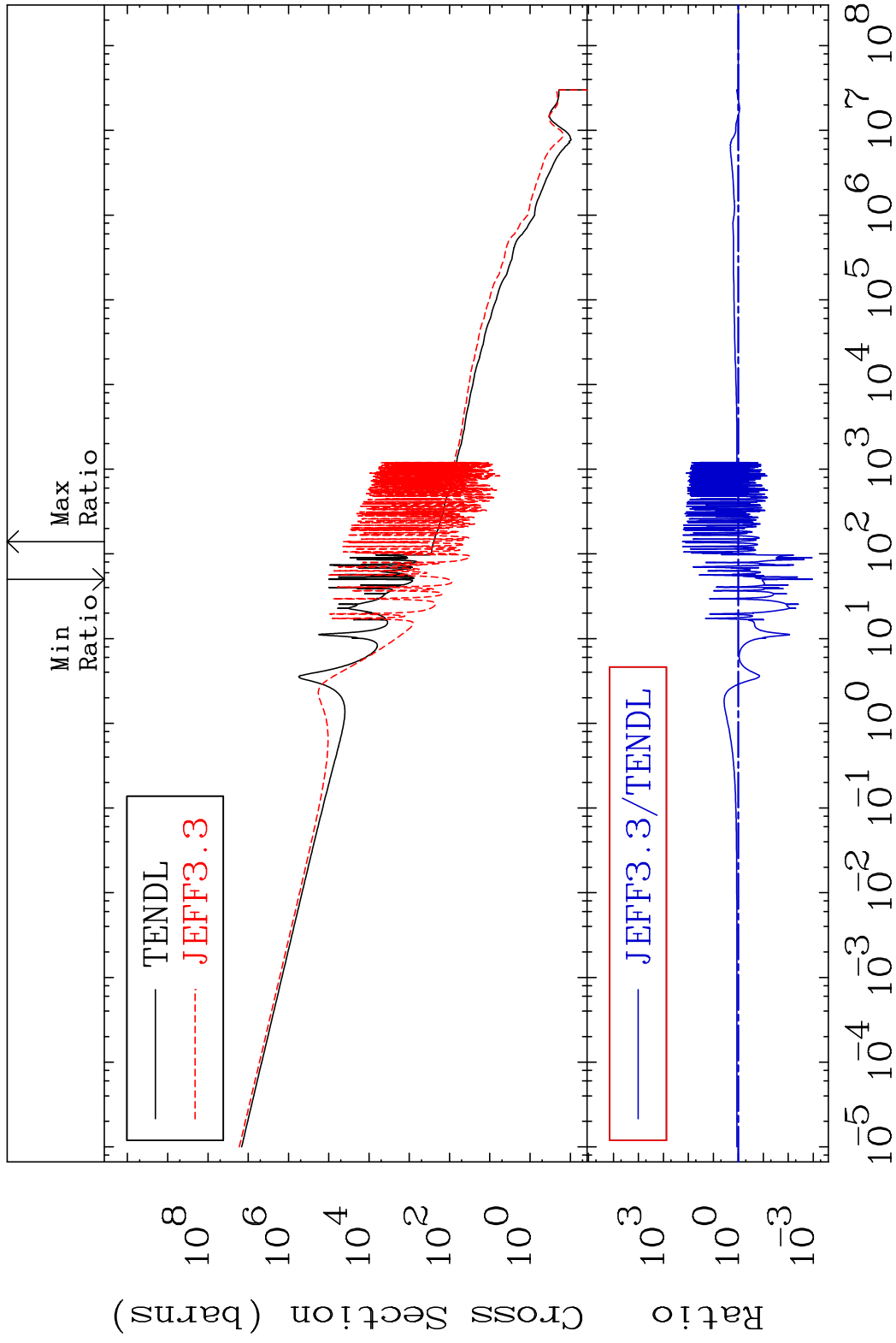


MAT 4531 Kerma fission (mt18 or mt19-20-21-38) 45-Rh-105
 Cross Section -100.0 To 42.21 %



MAT 4531

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

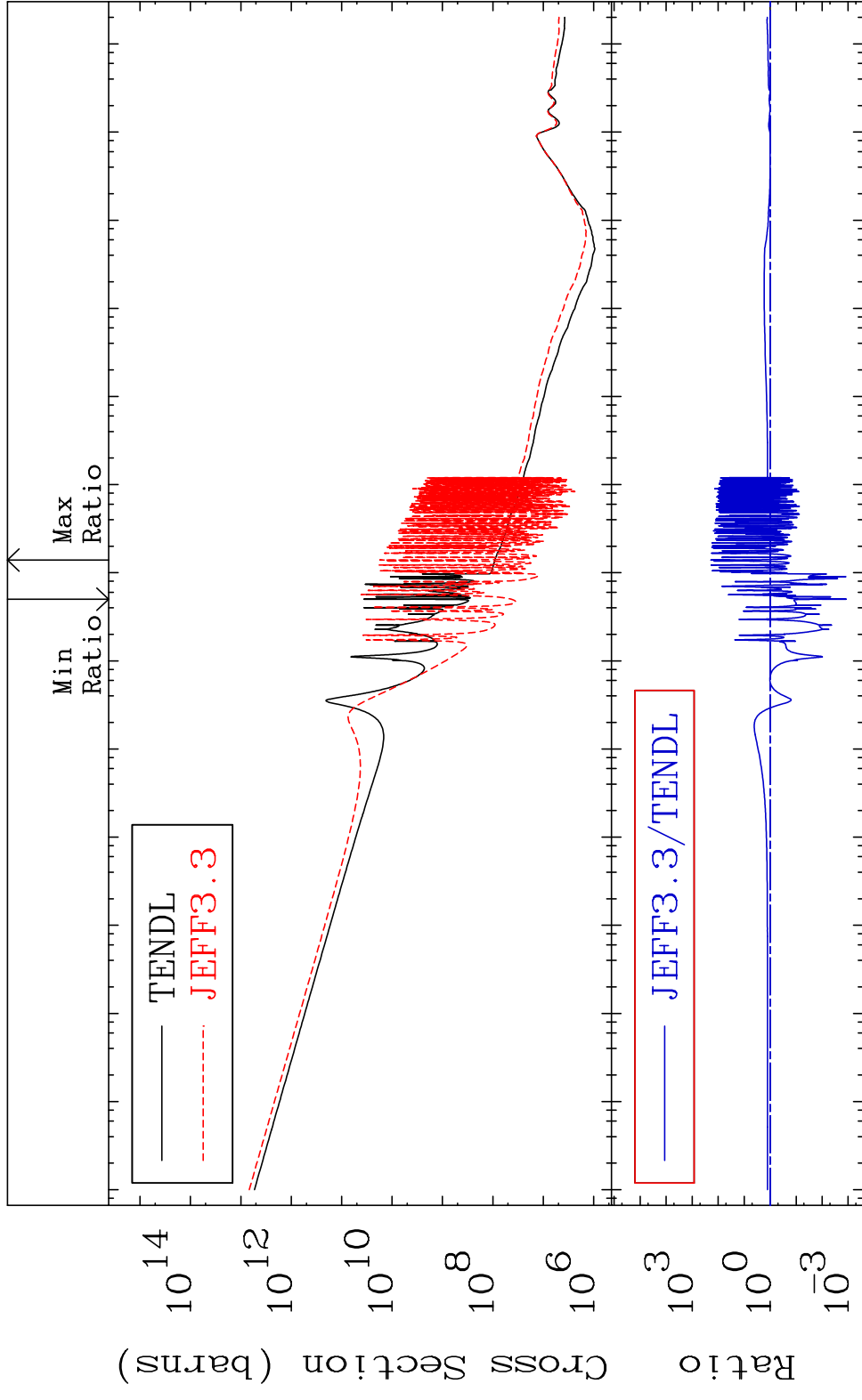


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Incident Energy (eV)

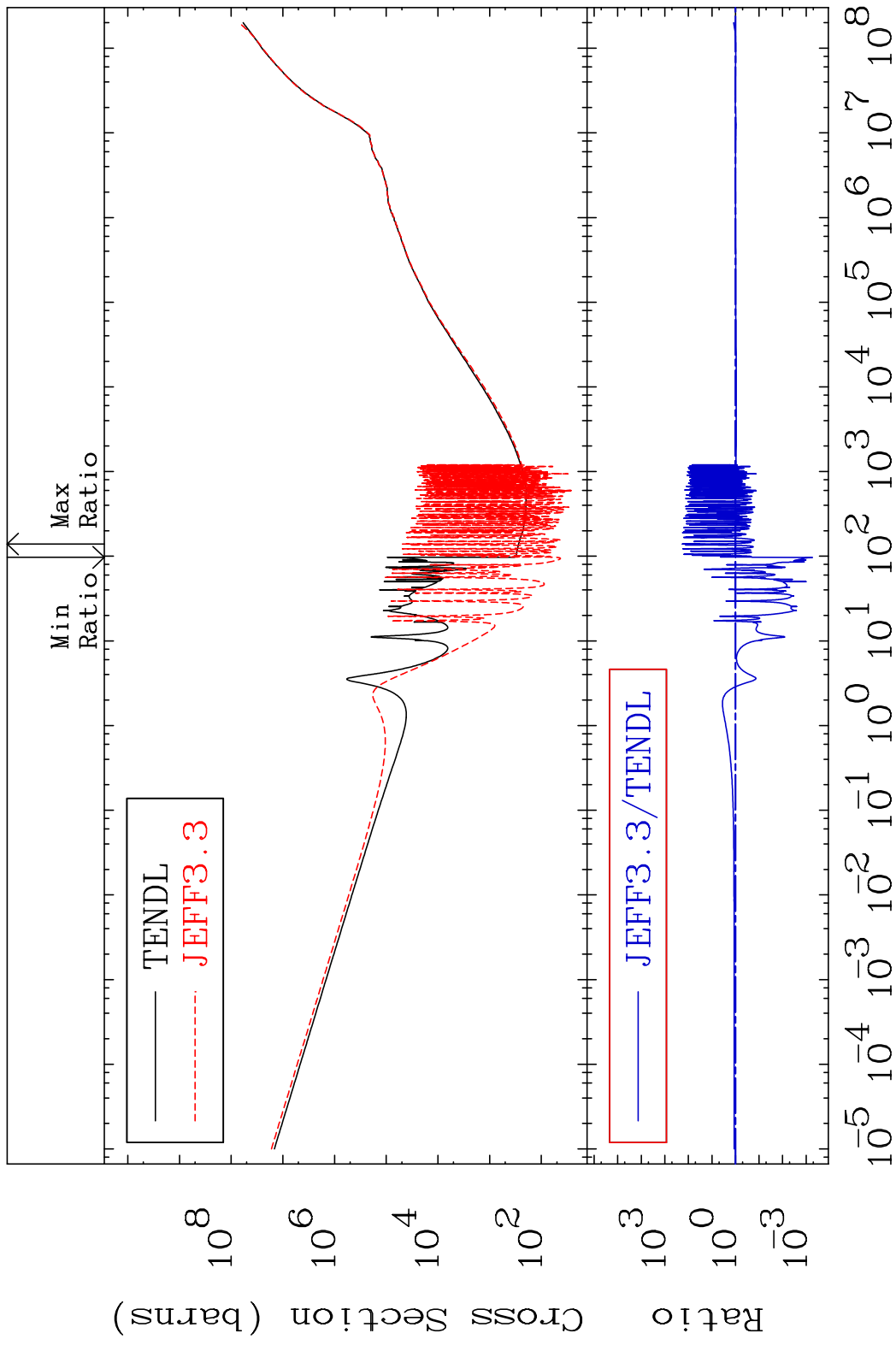
45-Rh-105

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



73 Incident Energy (eV) 45-Rh-105

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

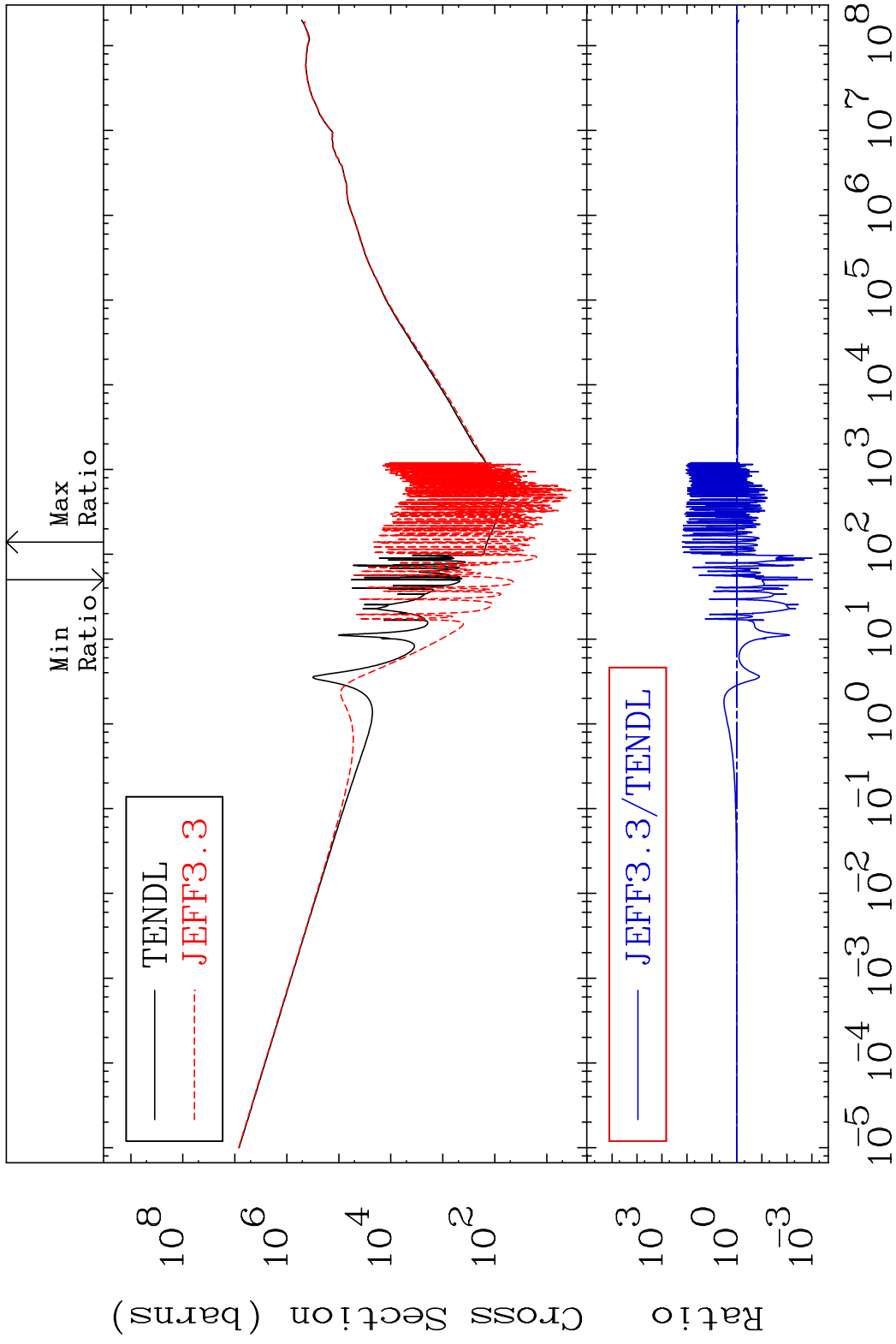


MAT 4531

Dpa total (eV-barns)

45-Rh-105

Cross Section -99.91 To 9999. %



75

Incident Energy (eV)

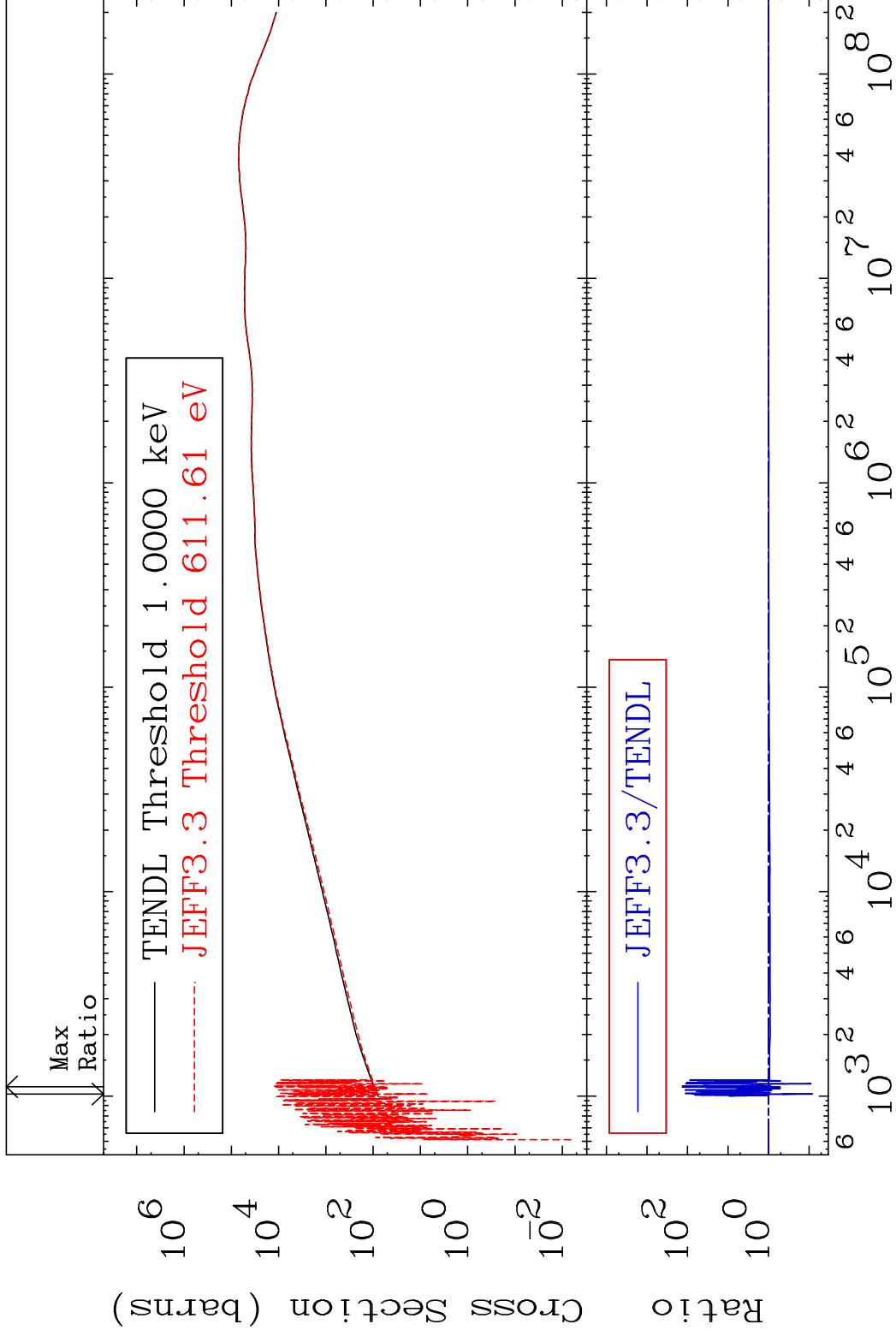
45-Rh-105

MAT 4531

Dpa elastic (mt2)

45-Rh-105

Cross Section -91.78 To 9999. %

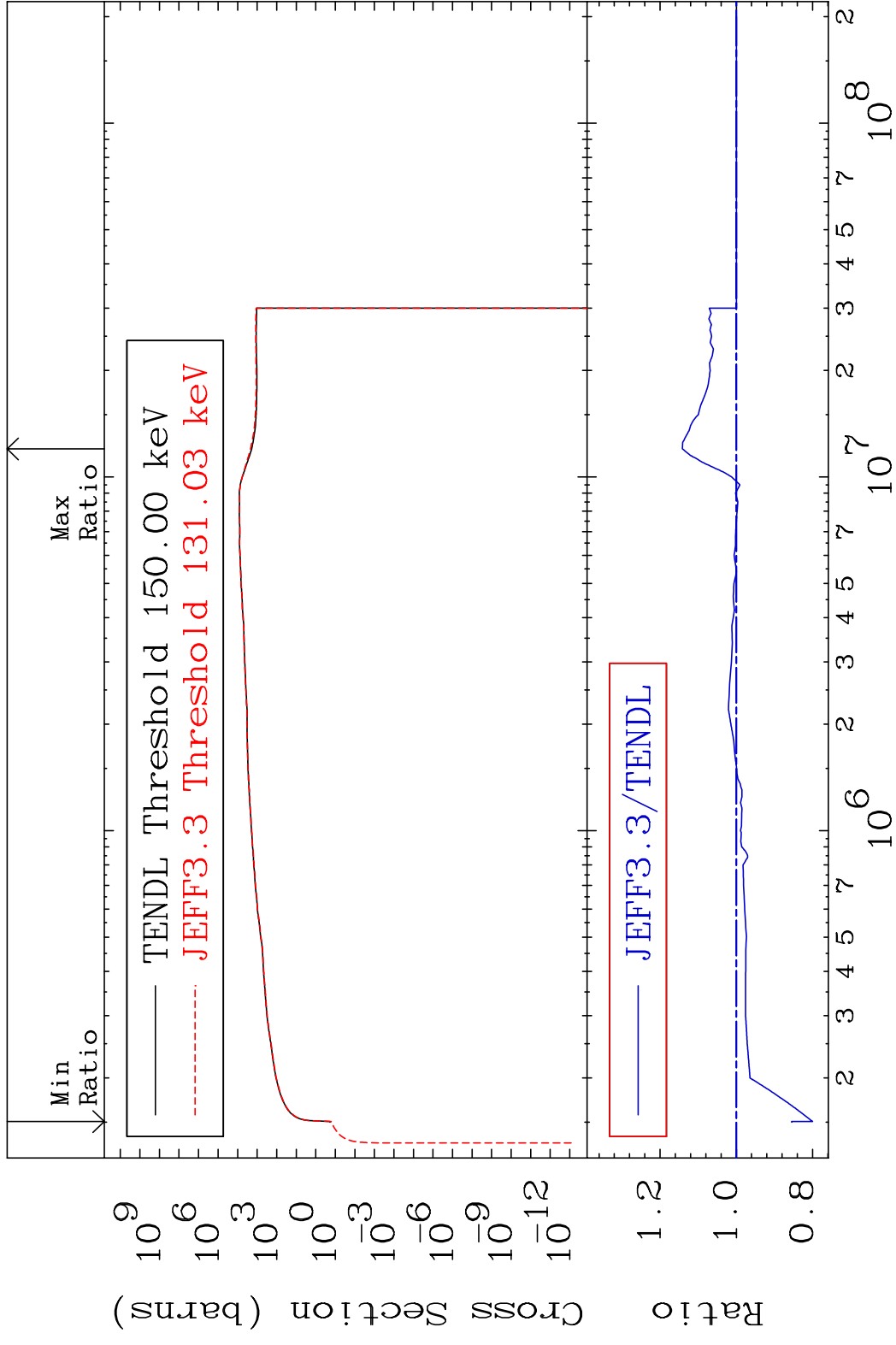


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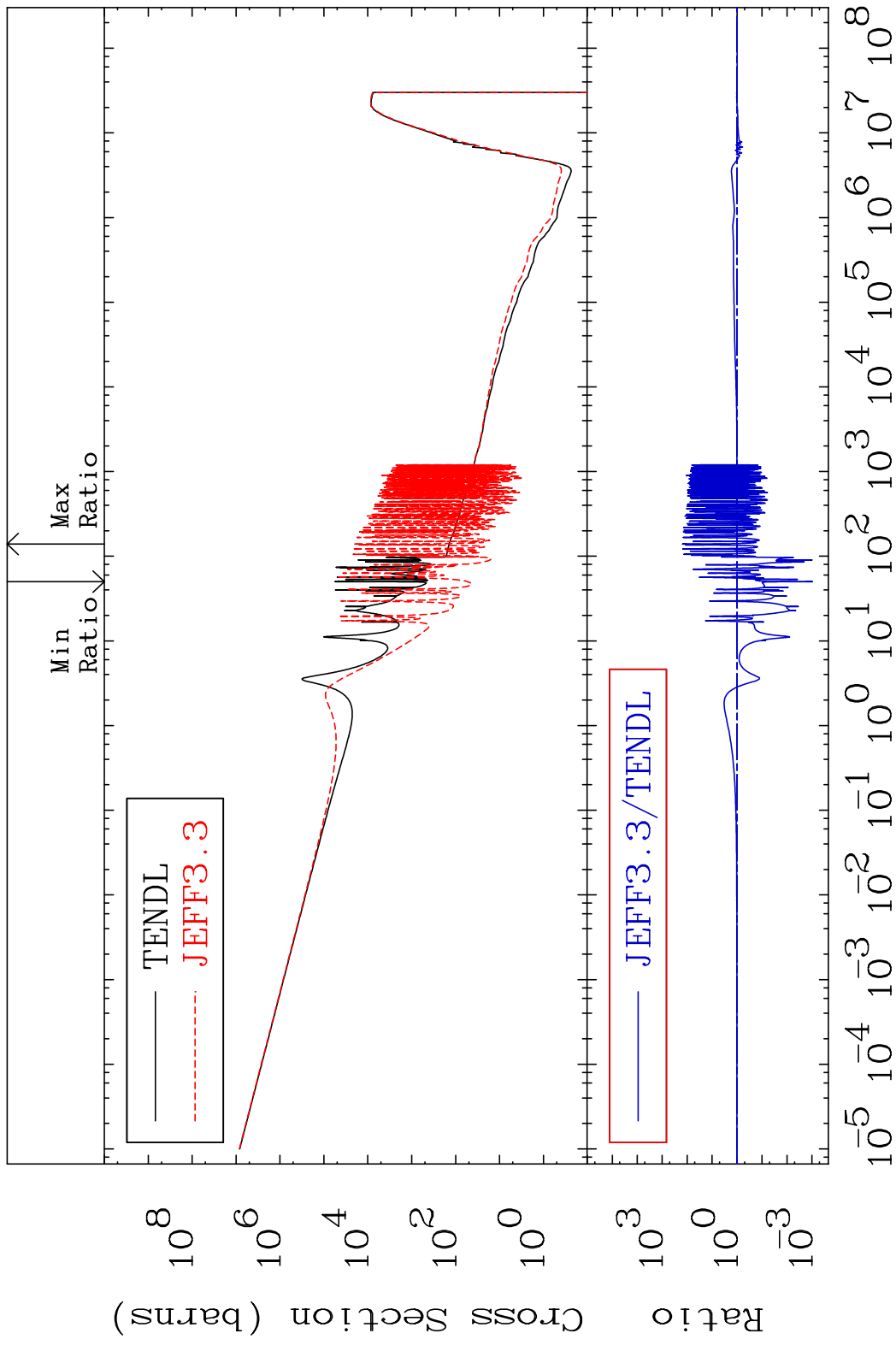
Incident Energy (eV)

45-Rh-105

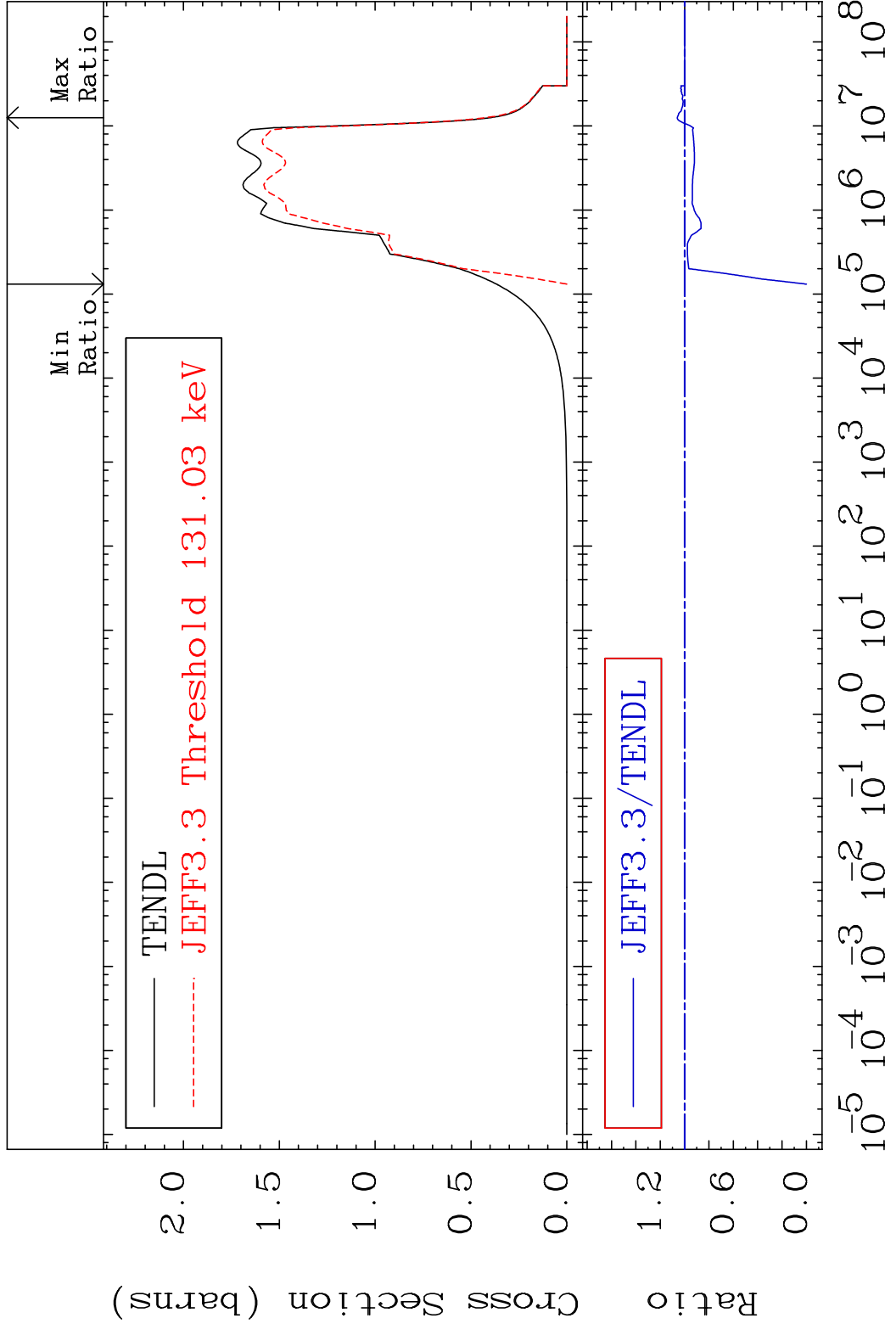
MAT 4531 Dpa inelastic (mt51-91) 45-Rh-105
 Cross Section -19.98 To 14.16 %



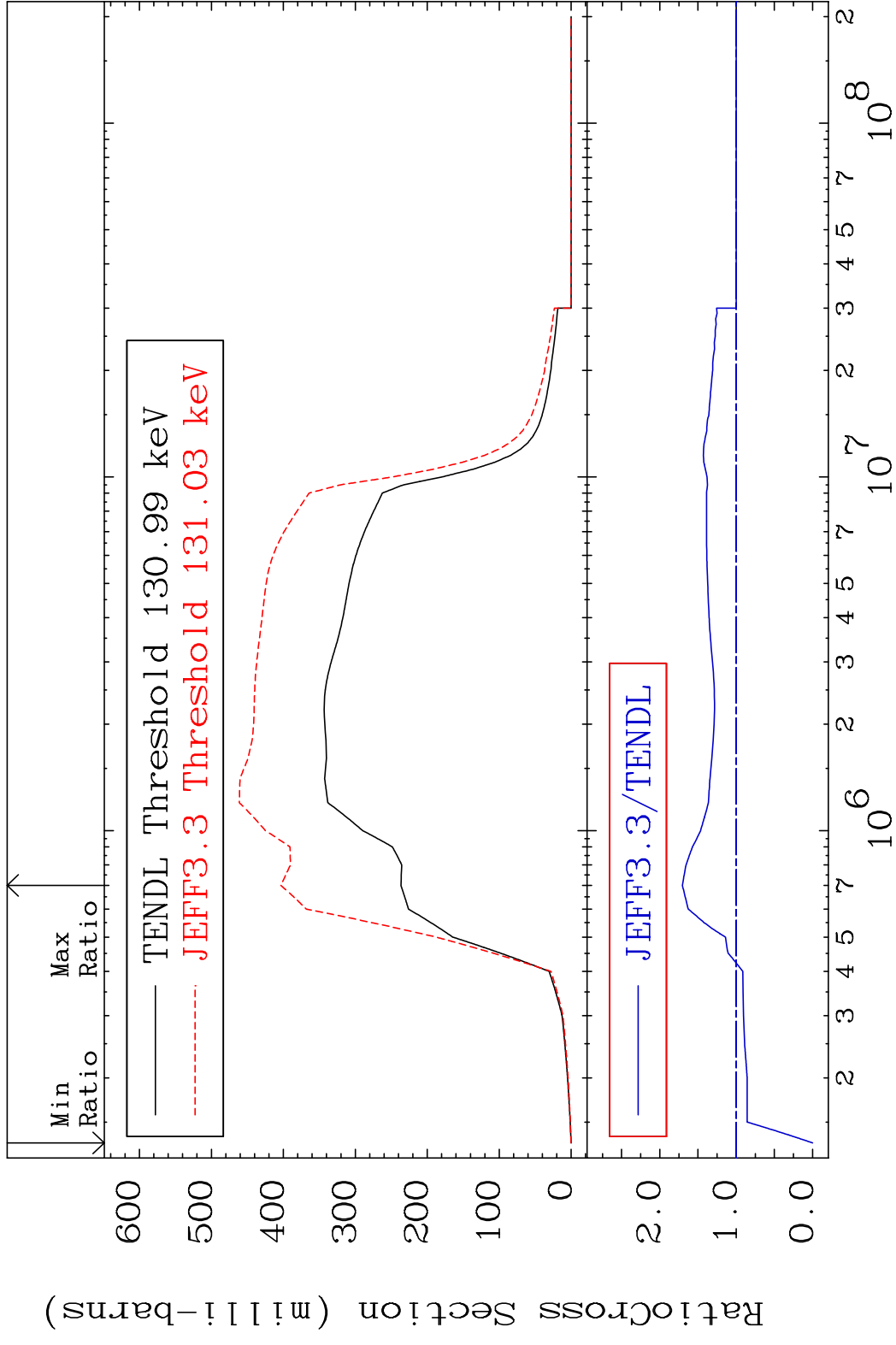
MAT 4531 Dpa disappearance (mt102 -120) 45-Rh-105
 Cross Section -99.91 To 9999. %



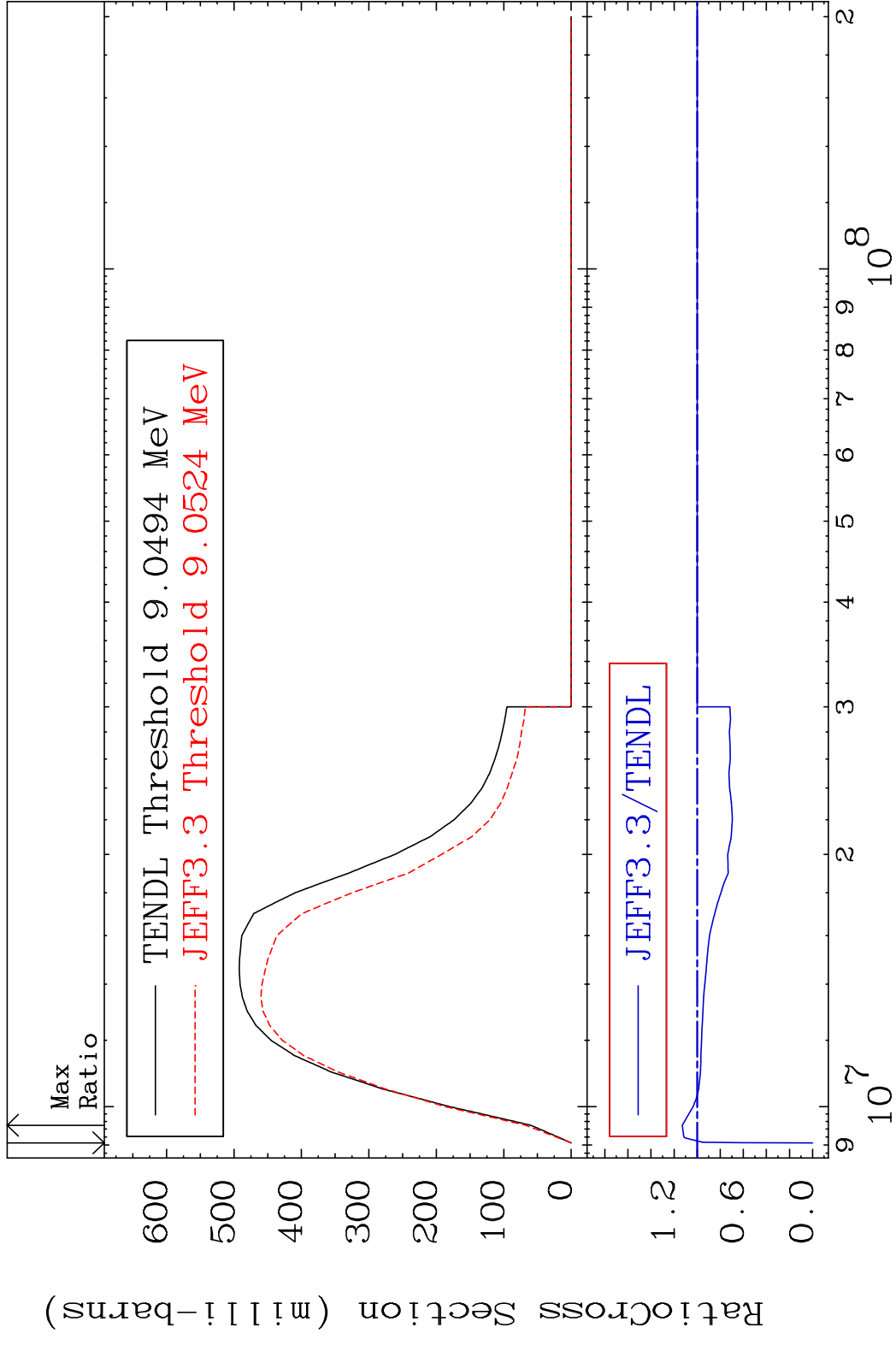
MAT 4531 Inelastic:45-Rh-105g 45-Rh-105
 Radionuclide Production Cross Section Ratio 6.076 %



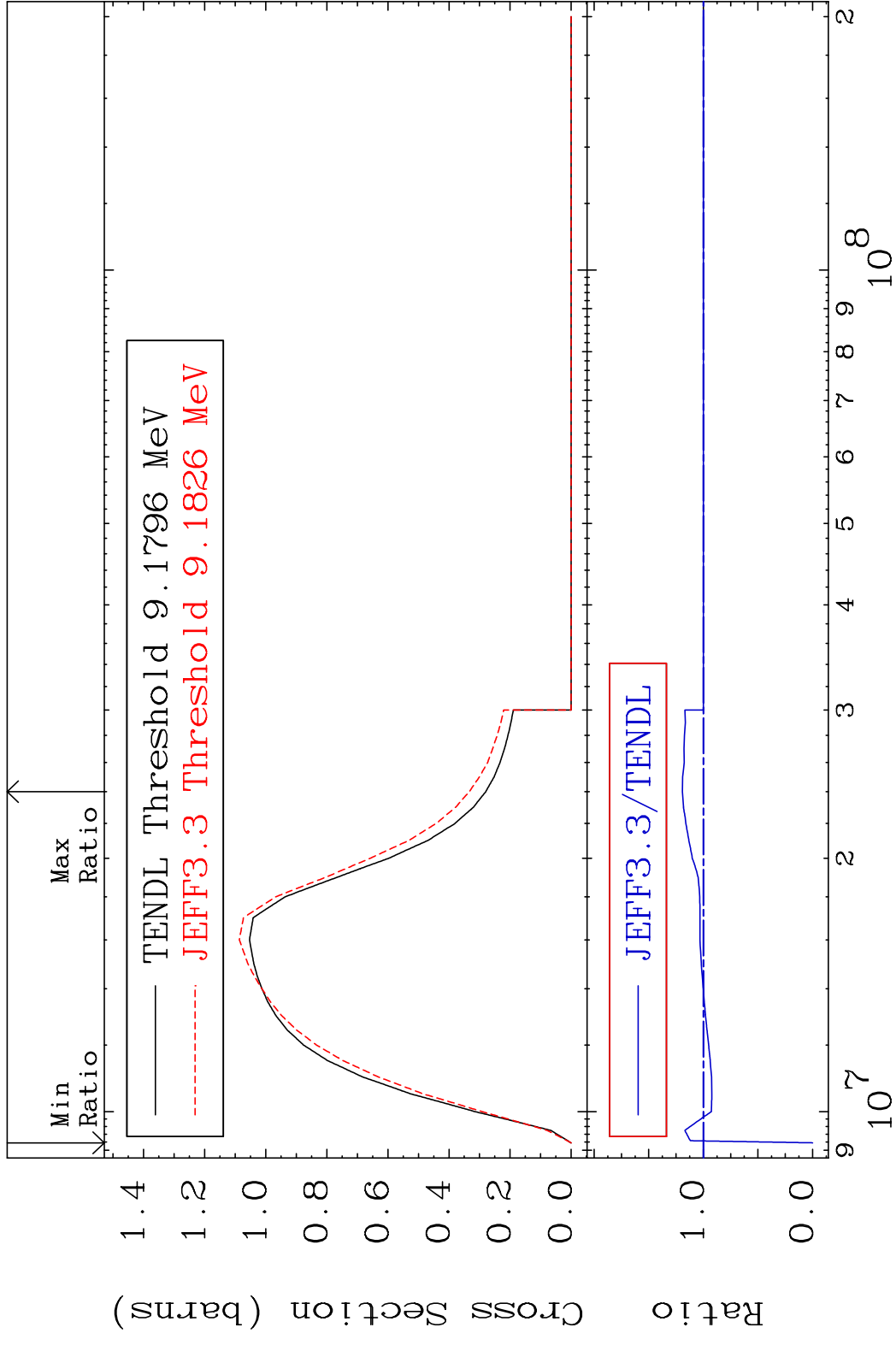
MAT 4531 Inelastic:45-Rh-105m1 45-Rh-105
 Radionuclide Production Cross Section 180.01 dno 70.46 %



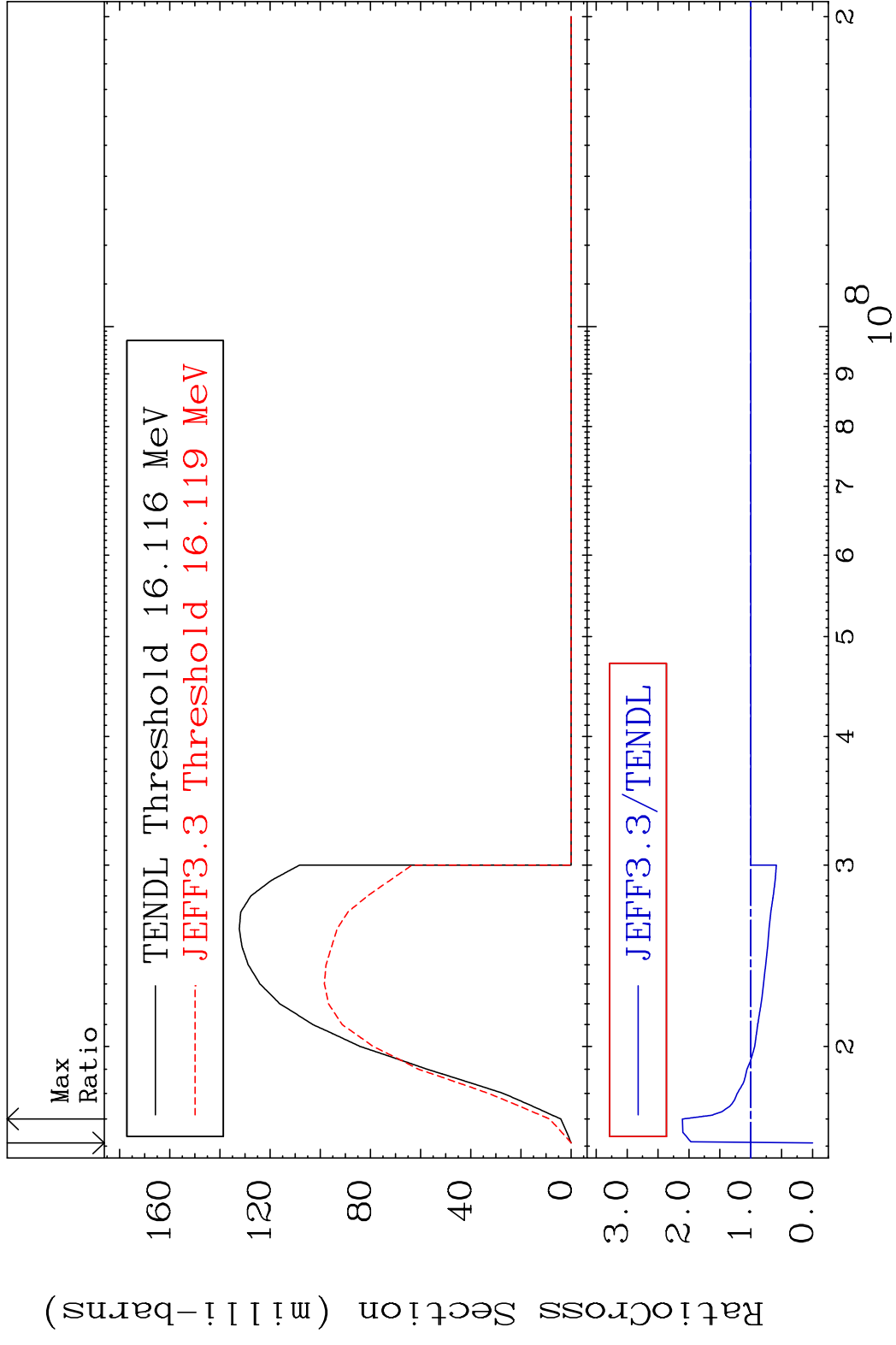
MAT 4531 (n,2n) : 45-Rh-104g 45-Rh-105
 Radionuclide Production Cross Section 180.01 dth 12.82 %



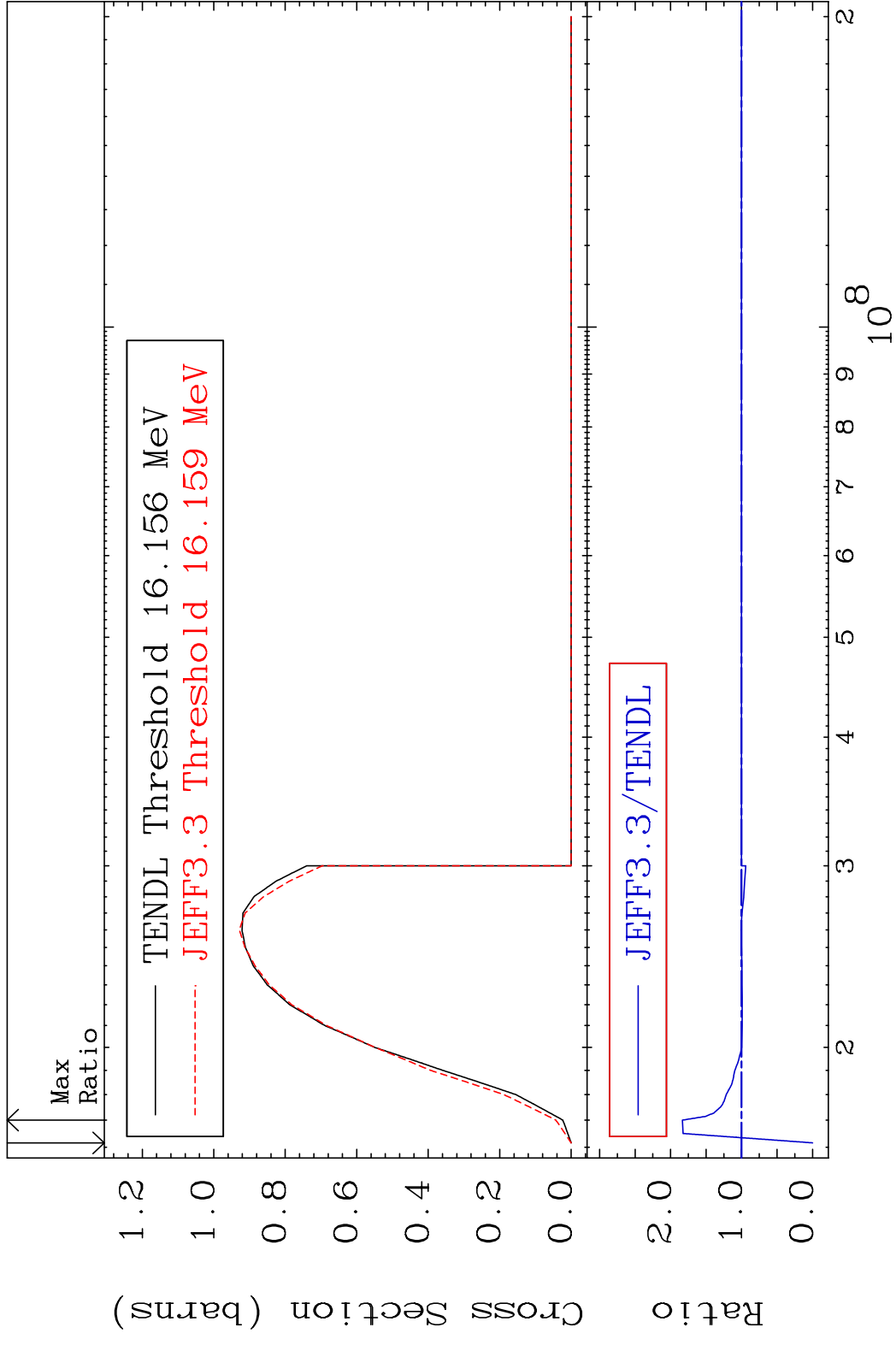
MAT 4531 (n, 2n) : 45-Rh-104m3 45-Rh-105
 Radionuclide Production Cross Section Ratio 19.22 %



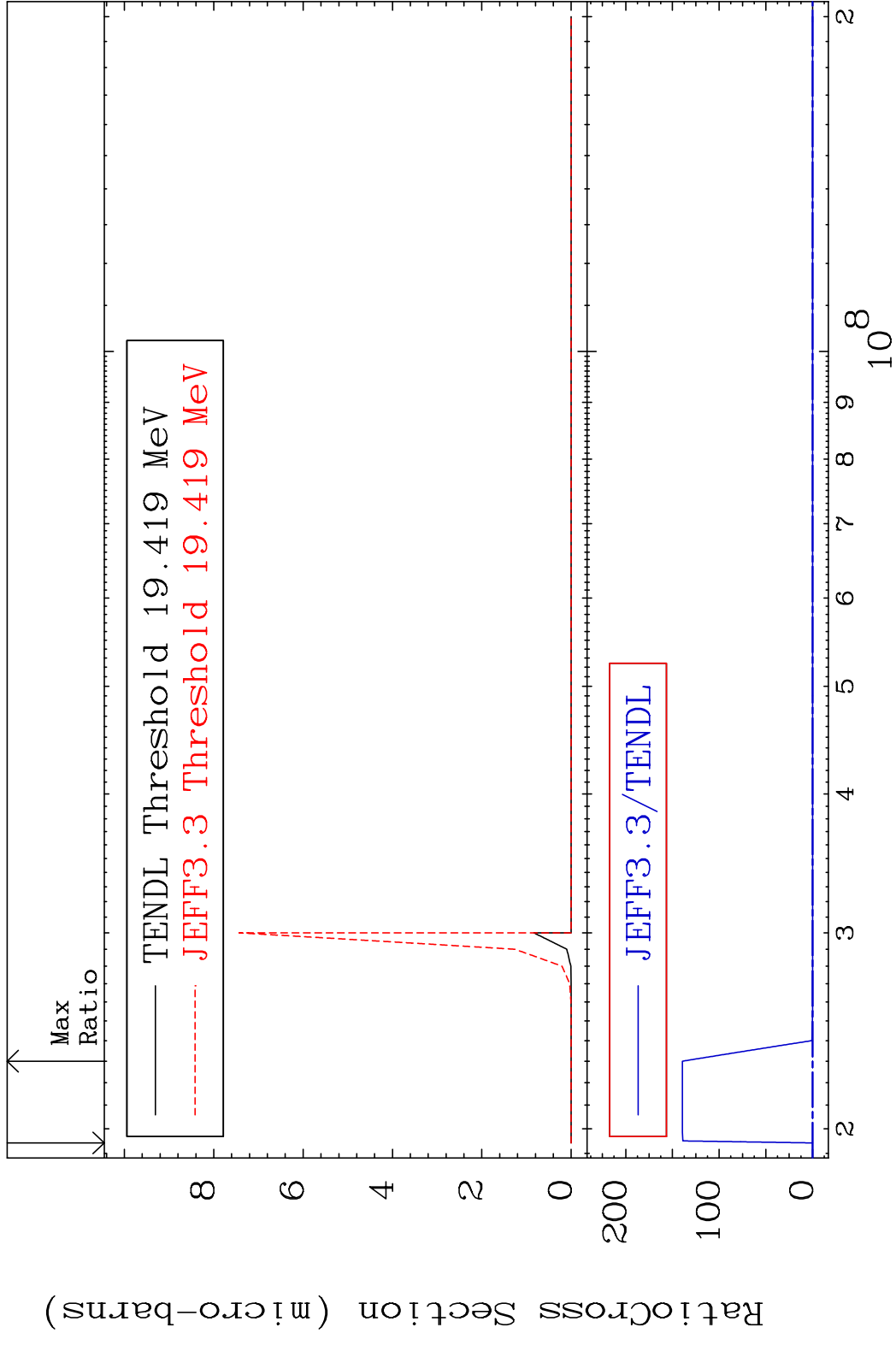
MAT 4531 (n,3n):45-Rh-103g 45-Rh-105
 Radionuclide Production Cross Section 180.0 mb 110.6 %

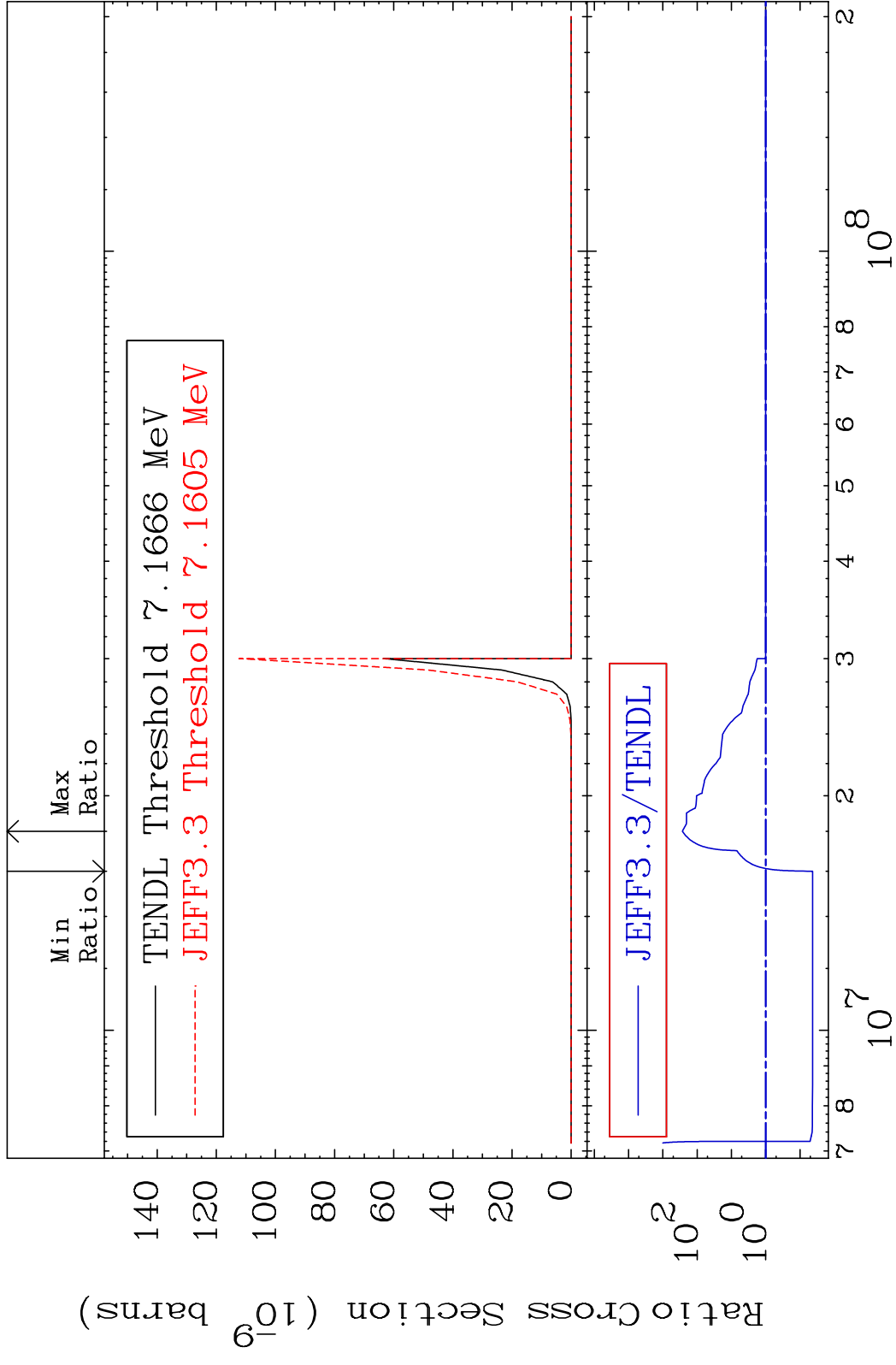


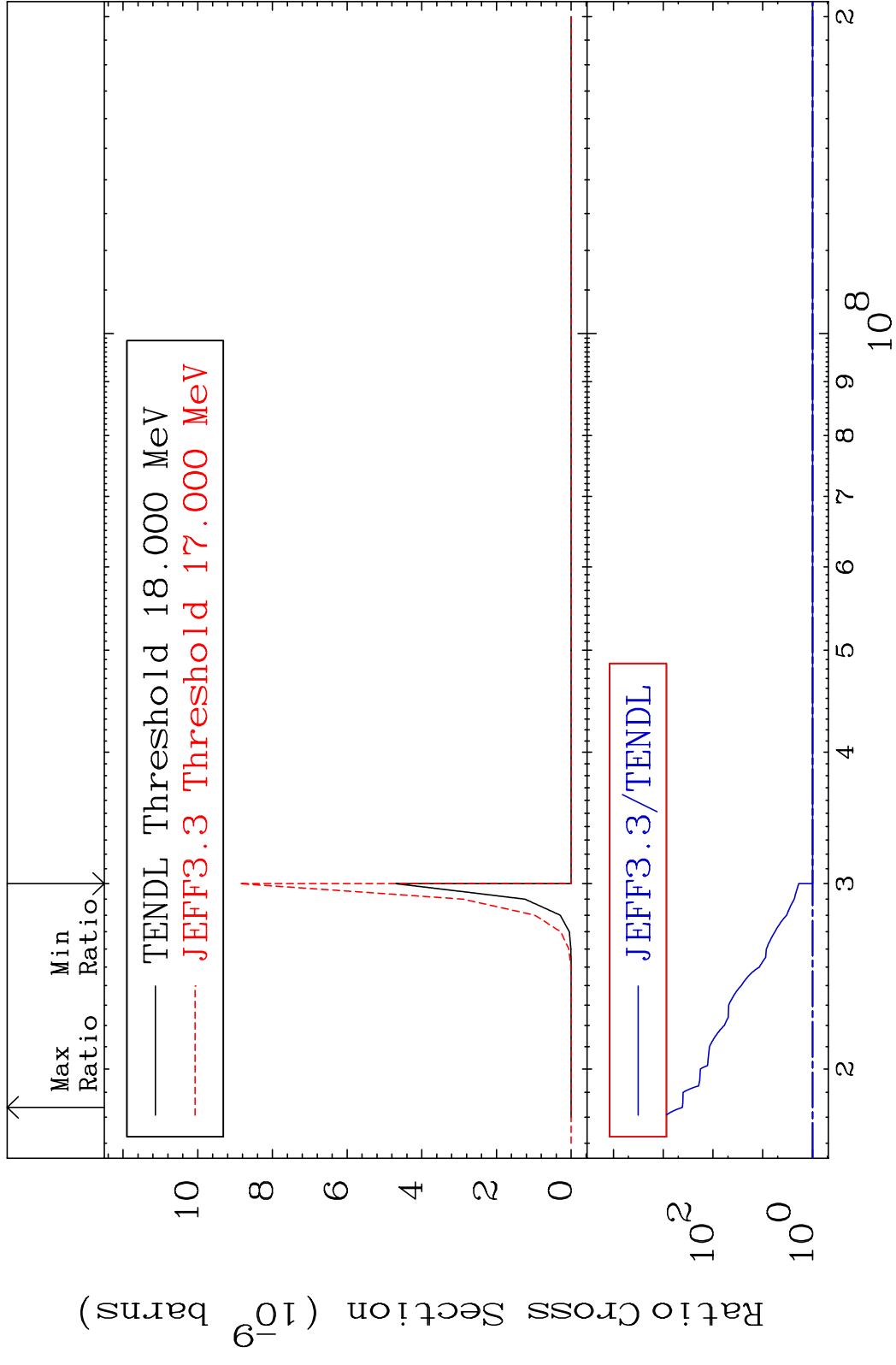
MAT 4531 (n, 3n) : 45-Rh-103m1 45-Rh-105
 Radionuclide Production Cross Section Ratio 83.40 %



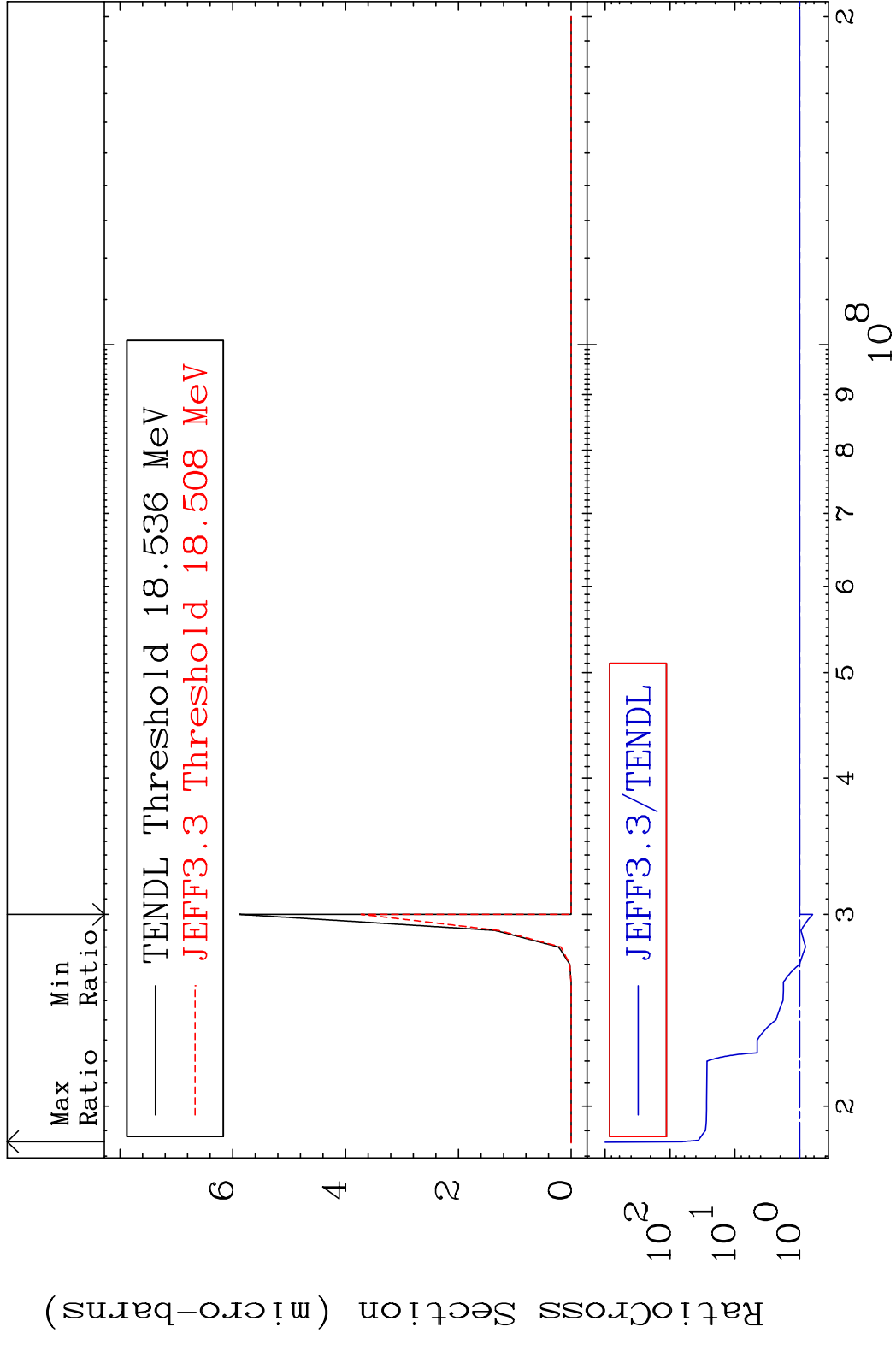
MAT 4531 (n,3n) α :43-Tc-99m2 45-Rh-105
 Radionuclide Production Cross Section (micro-barn) 100.000000 9999. %



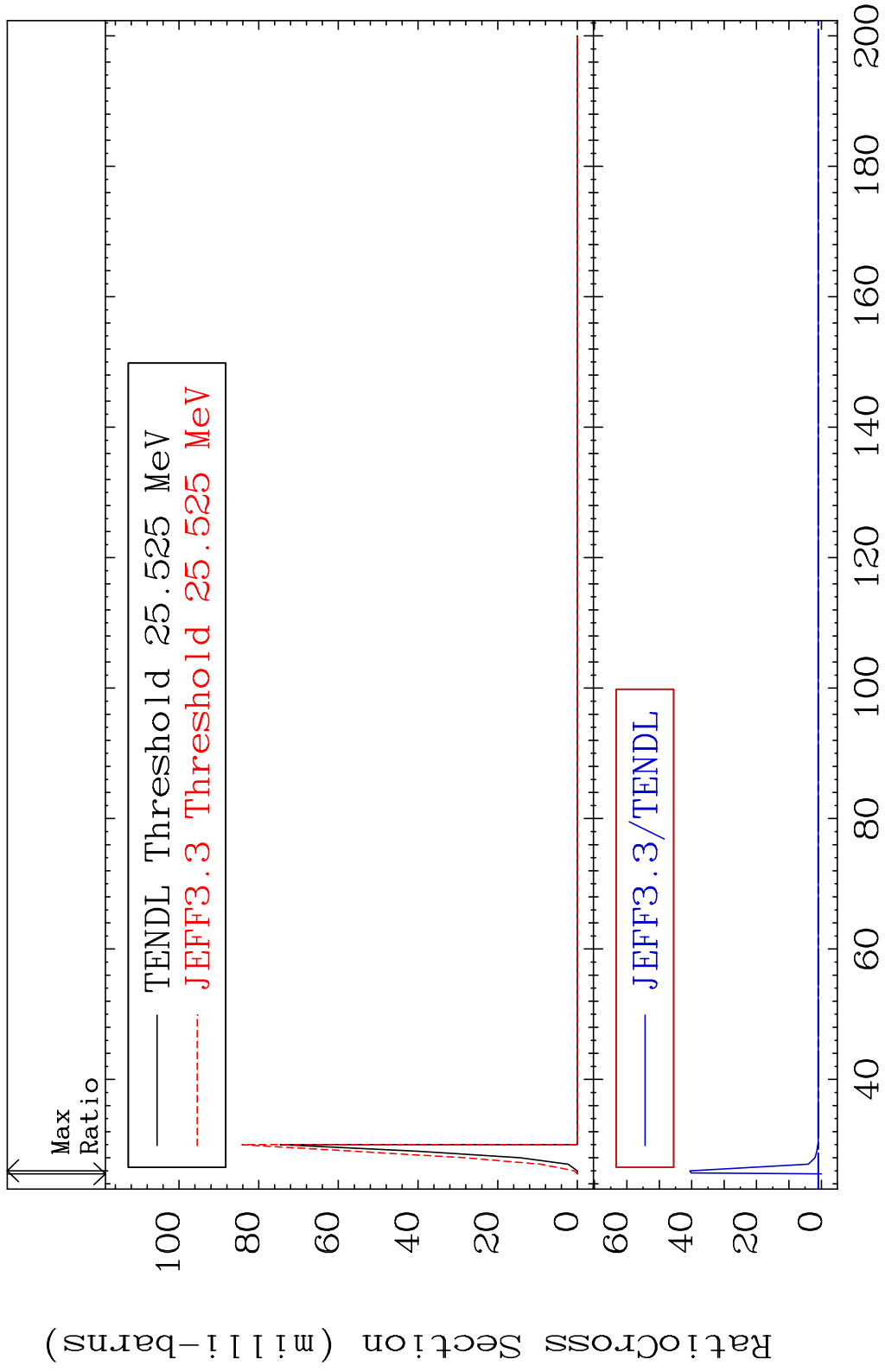




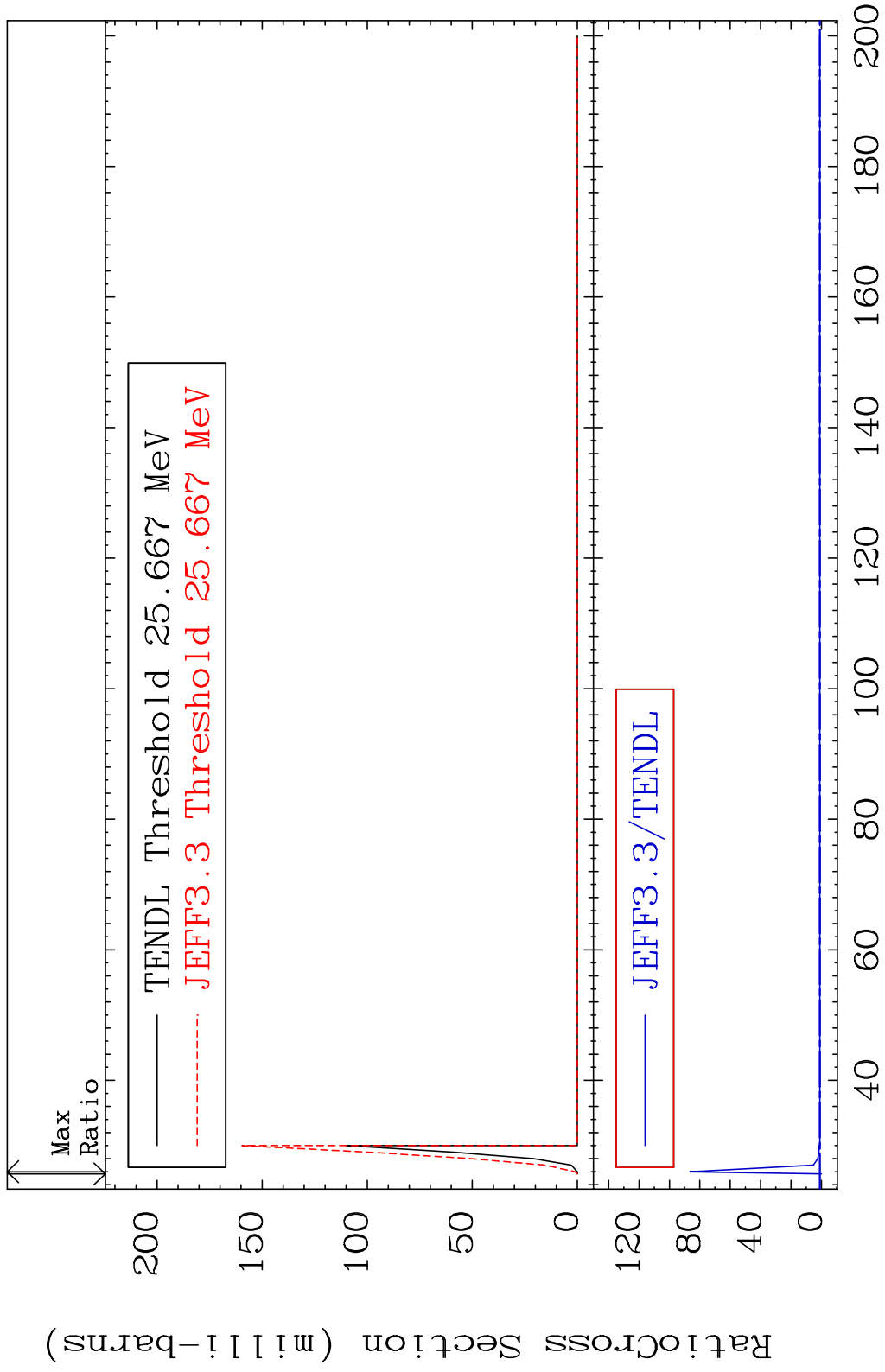
MAT 4531 (n, n') He-3:43-Tc-102m3 45-Rh-105
 Radionuclide Production Cross Section 6351. %

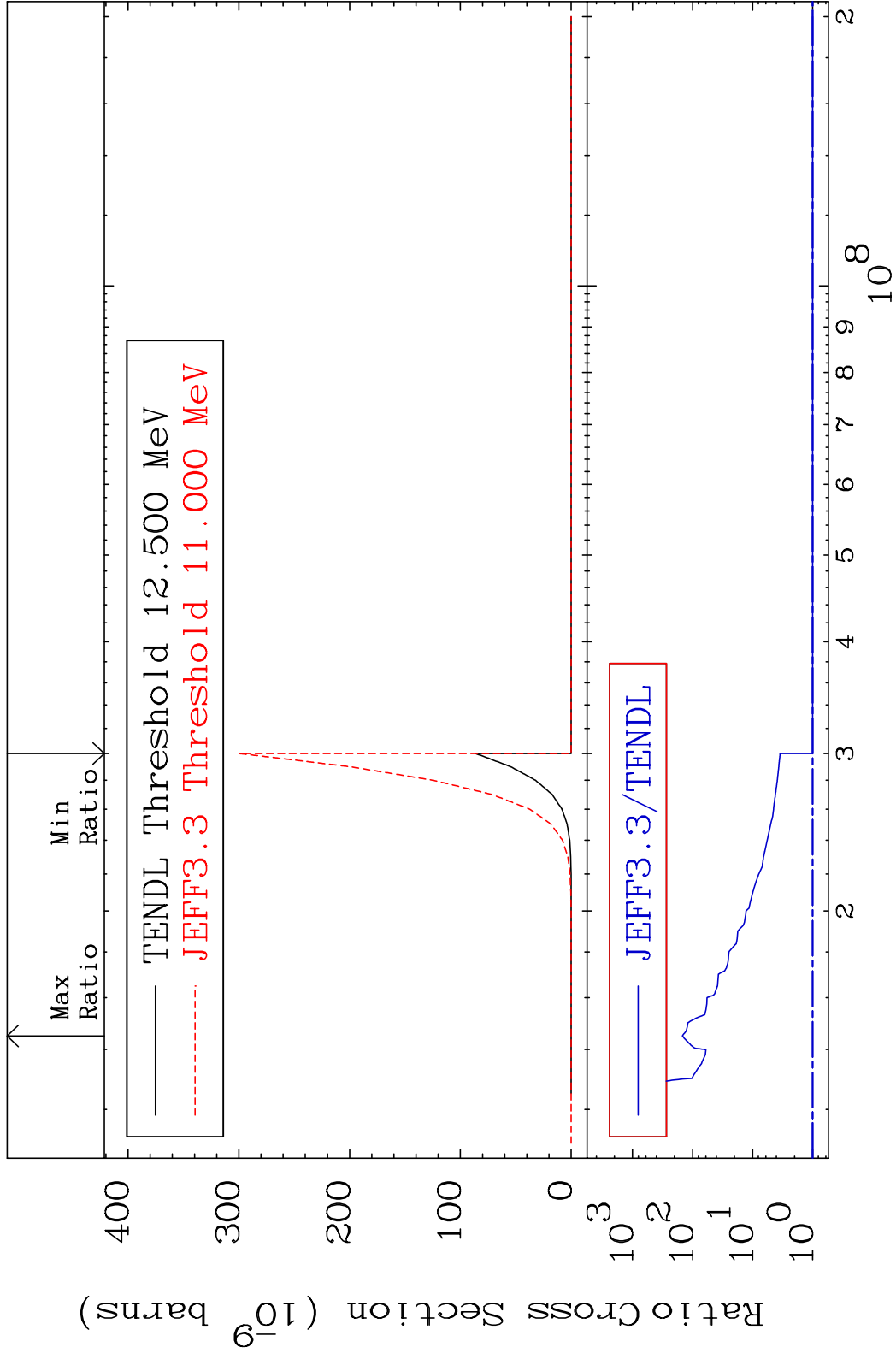


MAT 4531 (n,4n):45-Rh-102g 45-Rh-105
 Radionuclide Production Cross Section 1800 d to 3959. %

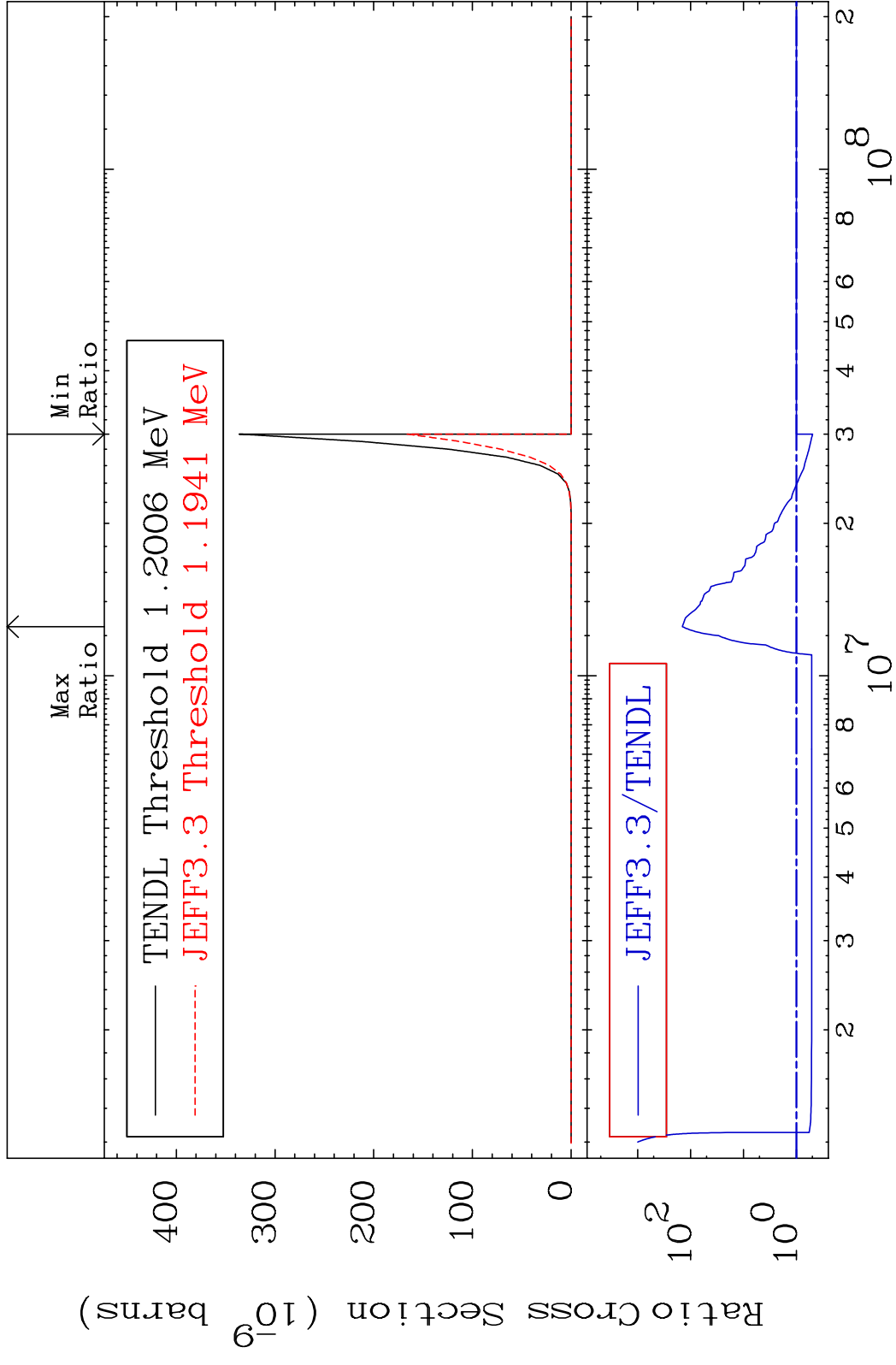


MAT 4531 (n, 4n) : 45-Rh-102m5 45-Rh-105
 Radionuclide Production Cross Section Ratio 8561. %





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 %

