

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

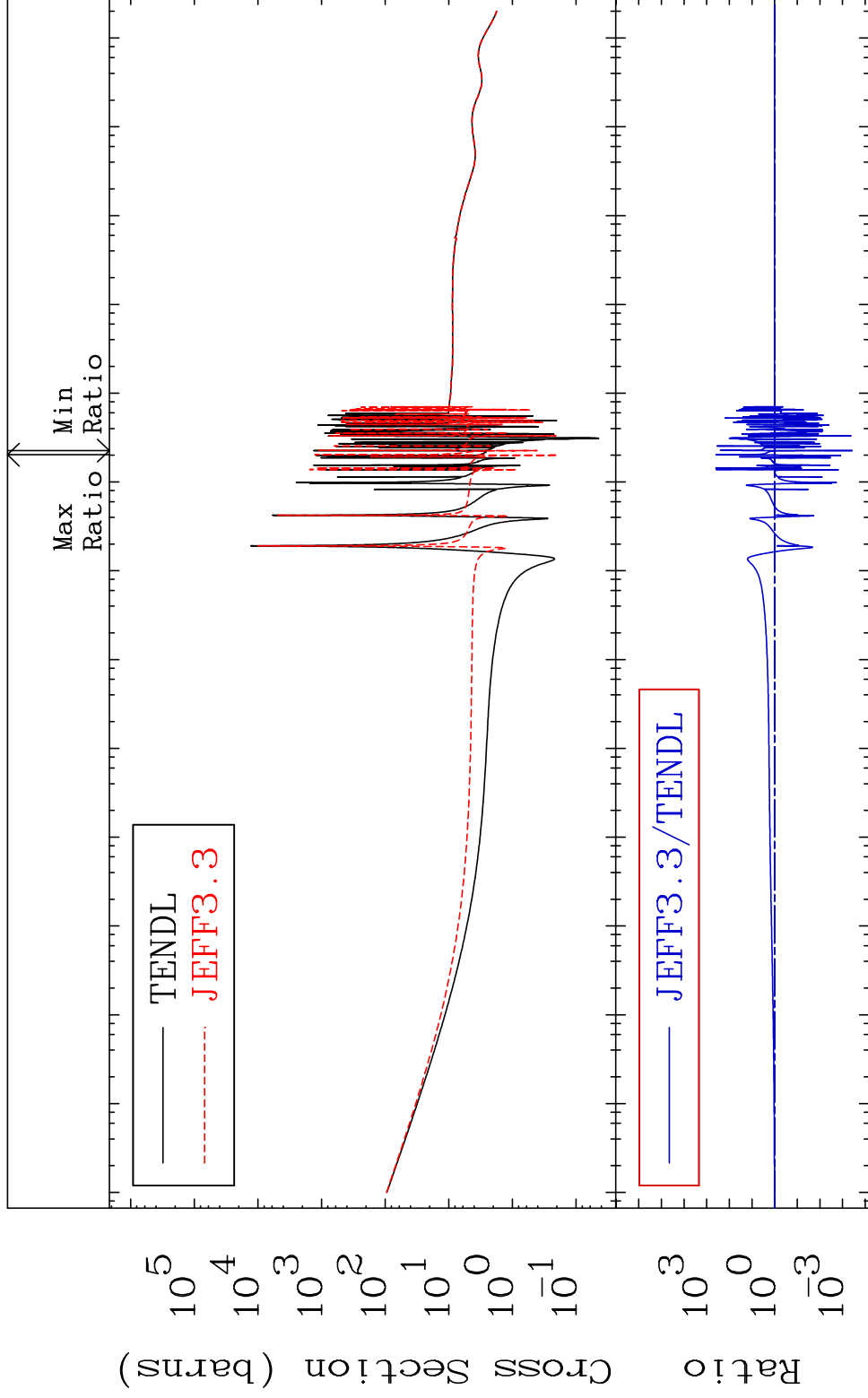
MAT 4625

Total

46-Pd-102

Cross Section

-99.96 To 9999. %



1

Incident Energy (eV)

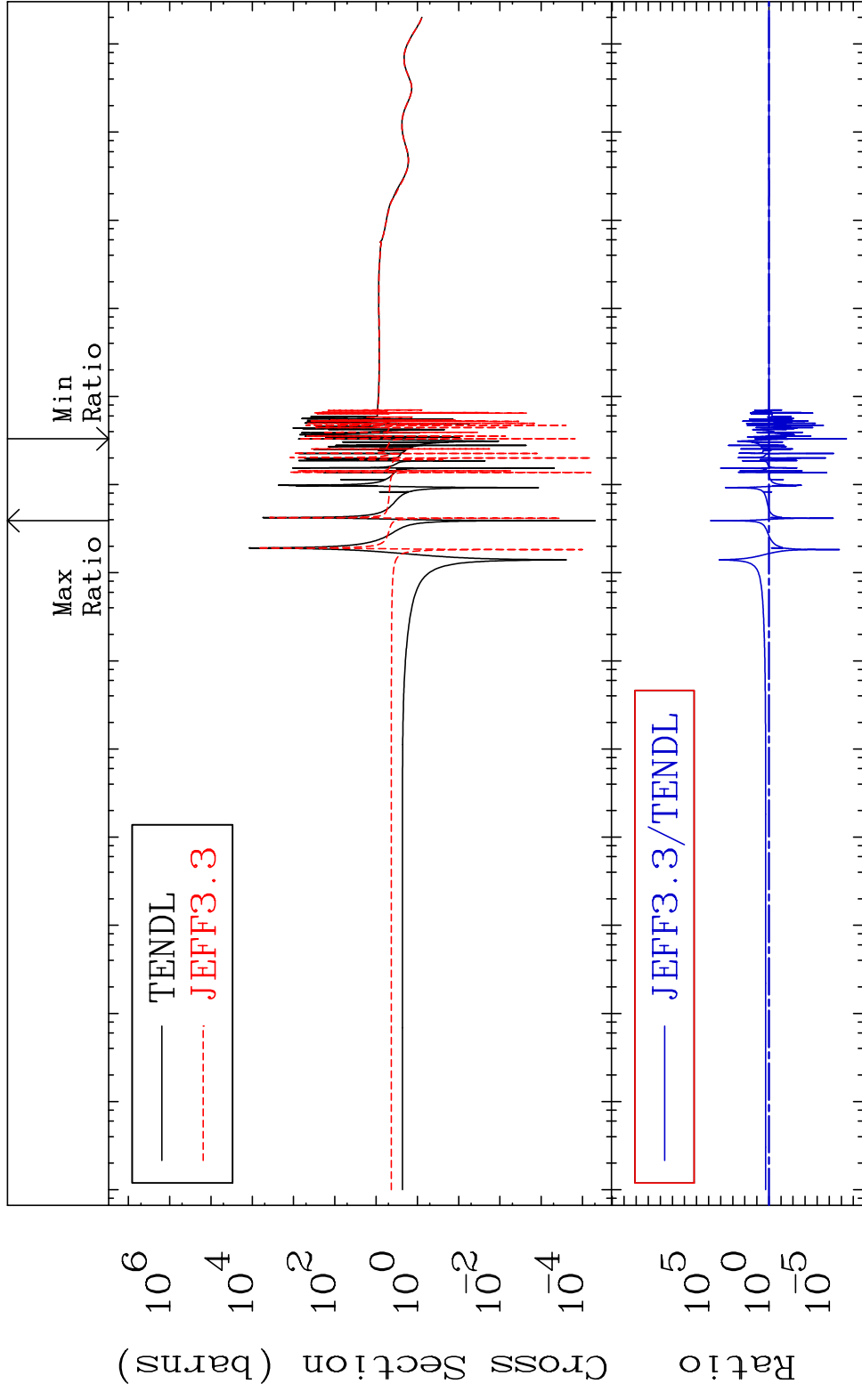
46-Pd-102

MAT 4625

Elastic

46-Pd-102

Cross Section -100.0 To 9999. %



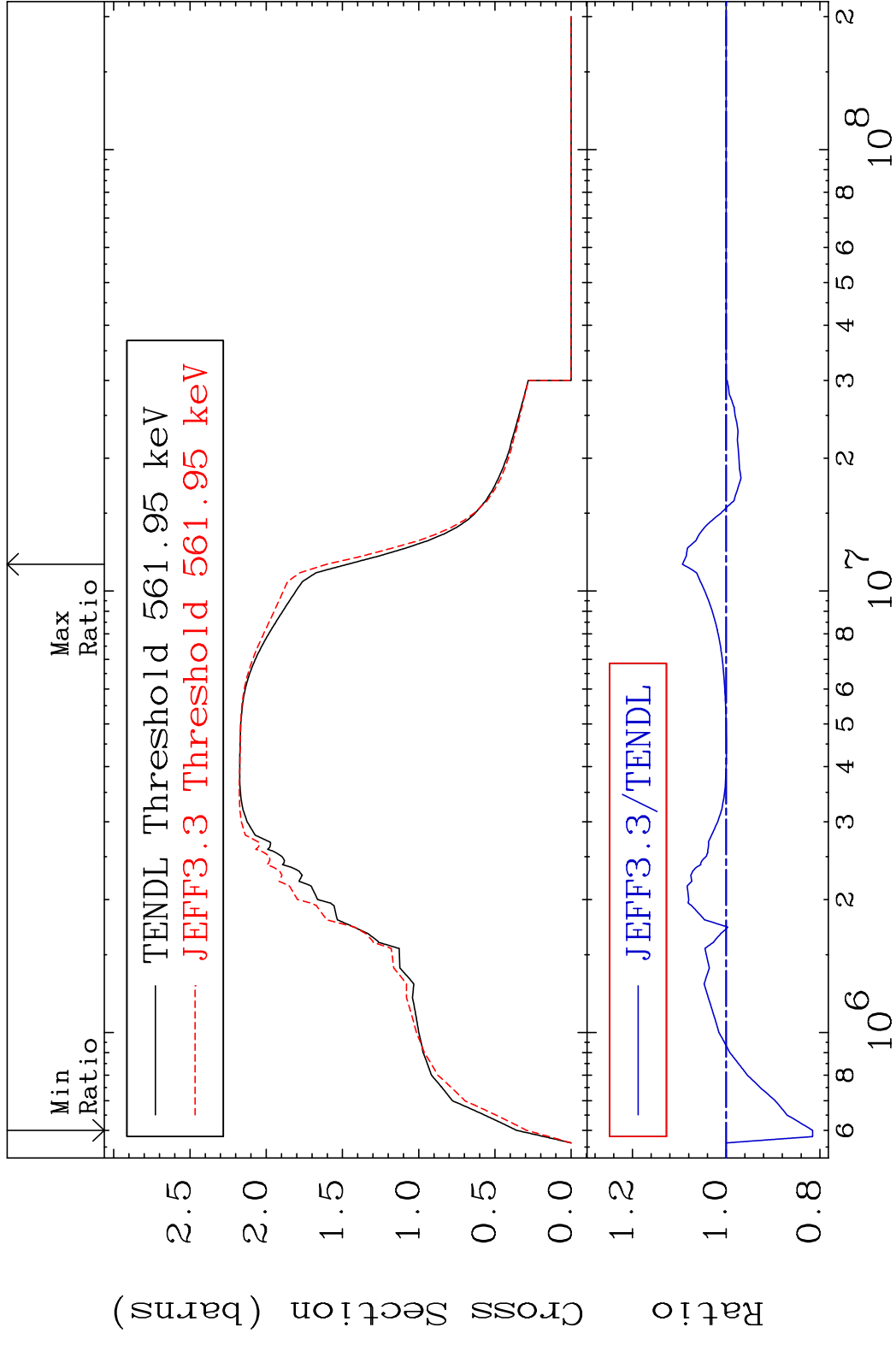
10⁶
10⁴
10²
10⁰
10⁻²
10⁻⁴
10⁵
10⁰
10⁻⁵
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

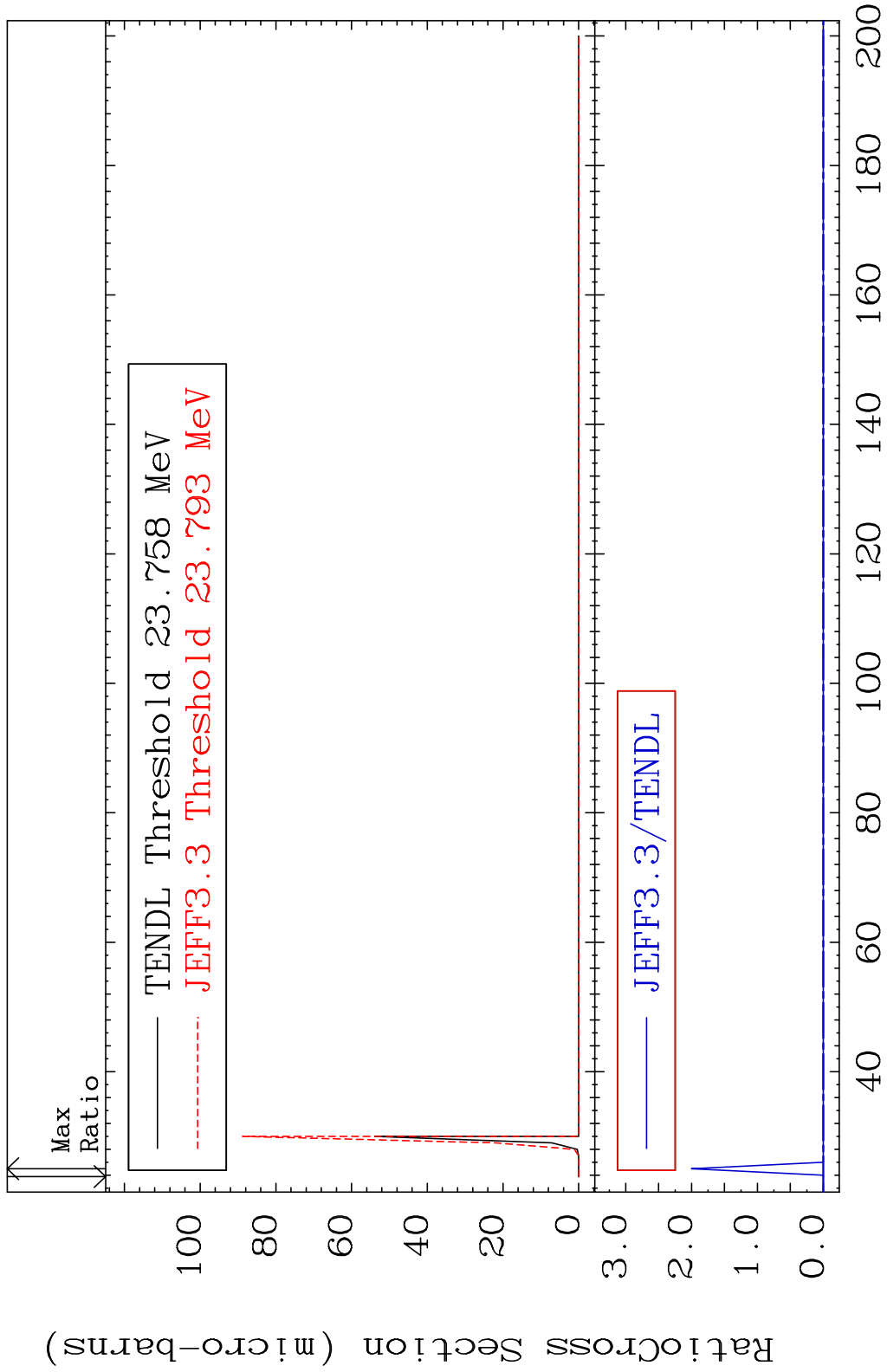
Incident Energy (eV)

46-Pd-102

MAT 4625 Inelastic 46-Pd-102
 Cross Section -18.45 To 9.346 %

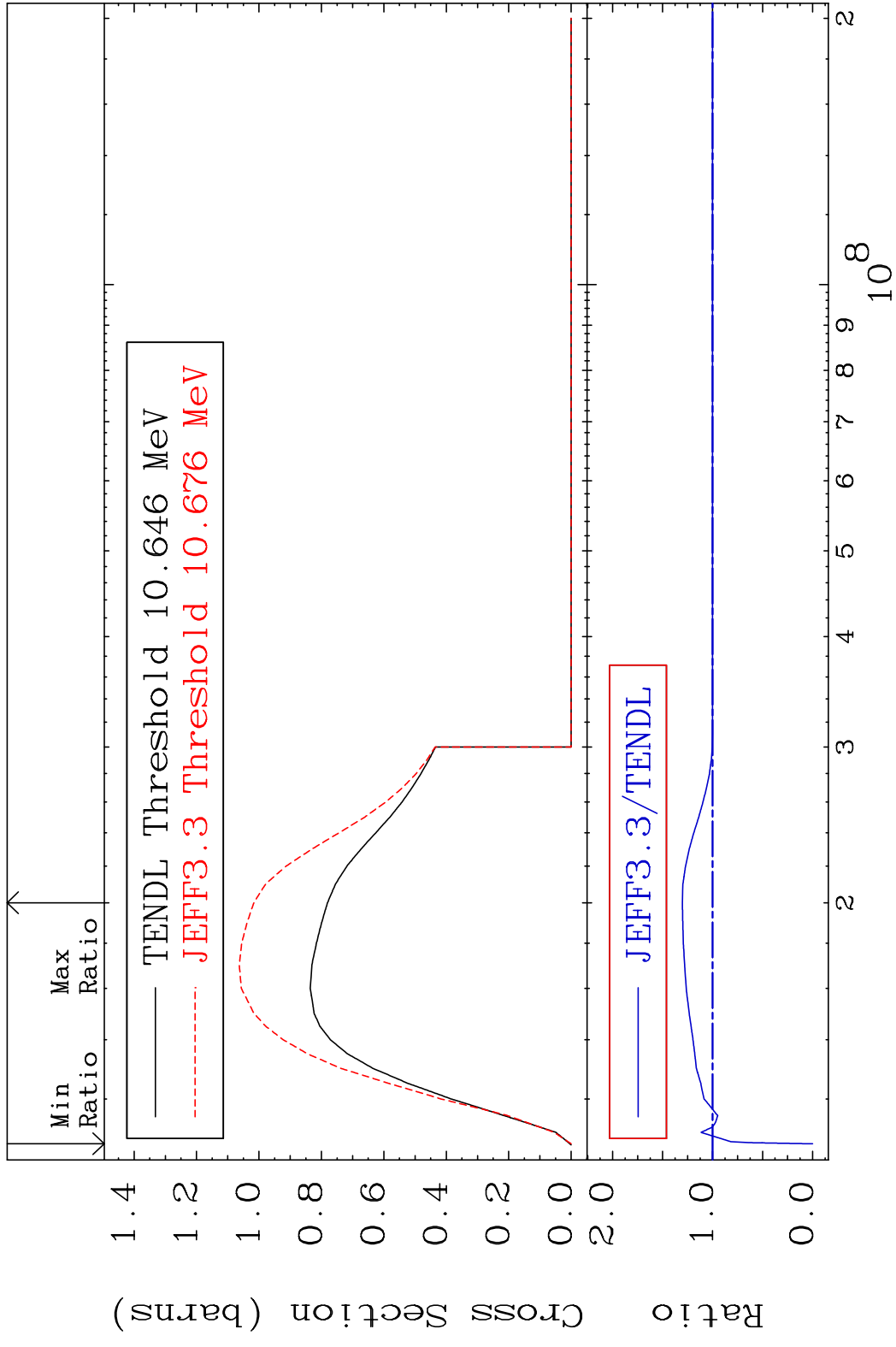


MAT 4625 (n,2n) d 46-Pd-102
 Cross Section -100.0 To 9999. %

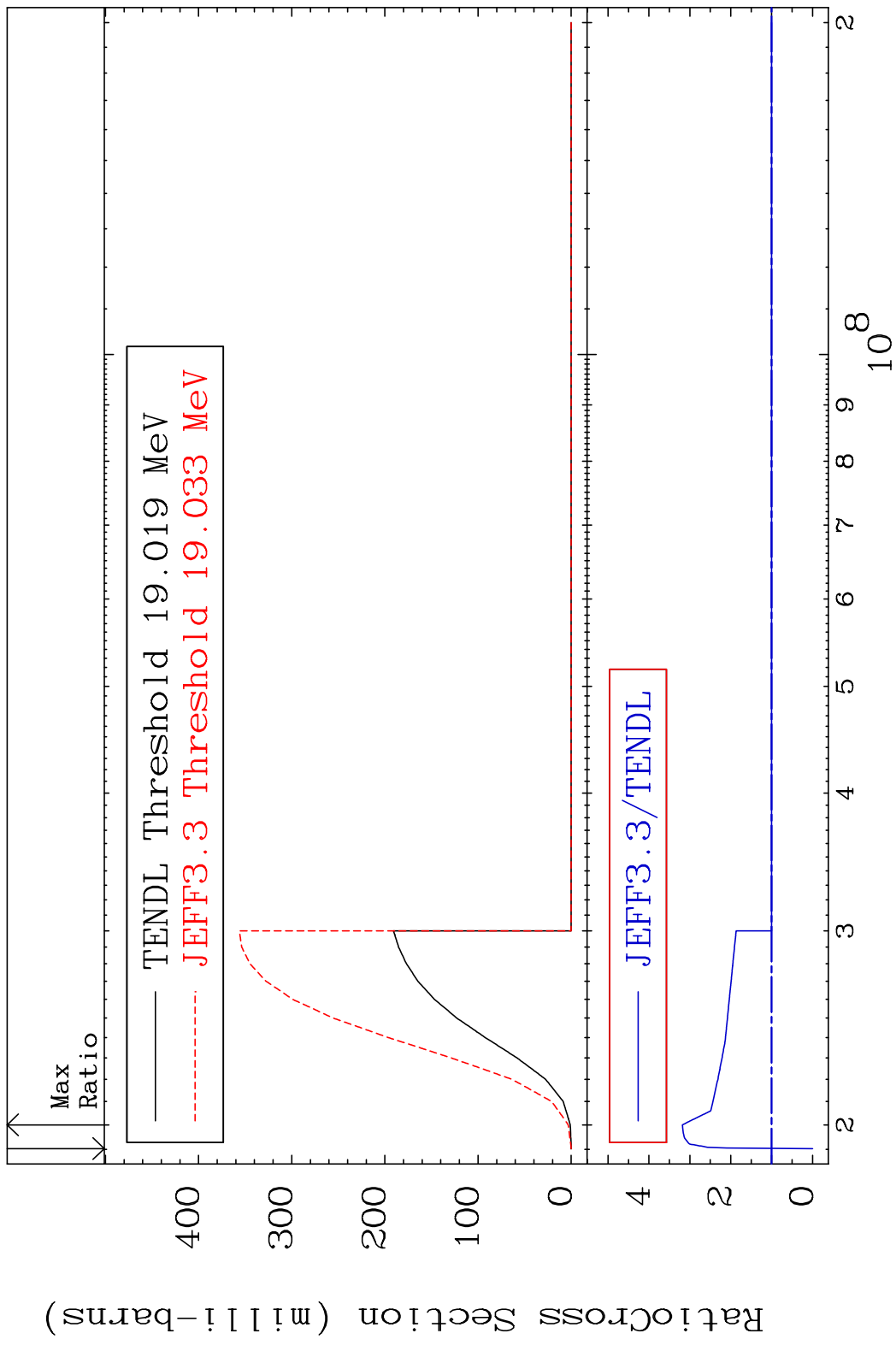


4 Incident Energy (MeV) 46-Pd-102

MAT 4625 (n,2n) 46-Pd-102
Cross Section -100.0 To 30.26 %

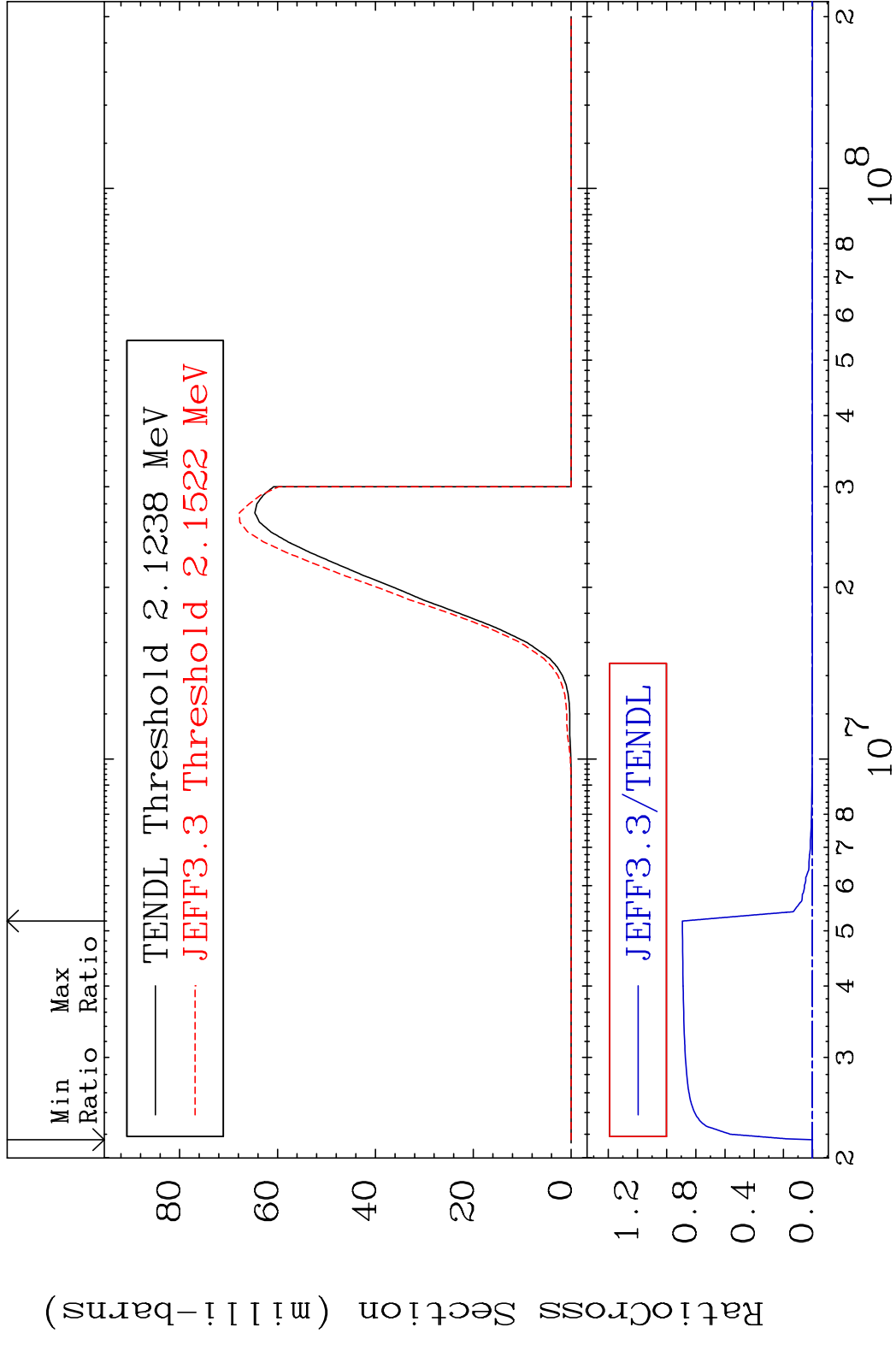


MAT 4625 (n,3n) 46-Pd-102
 Cross Section -100.0 To 218.3 %

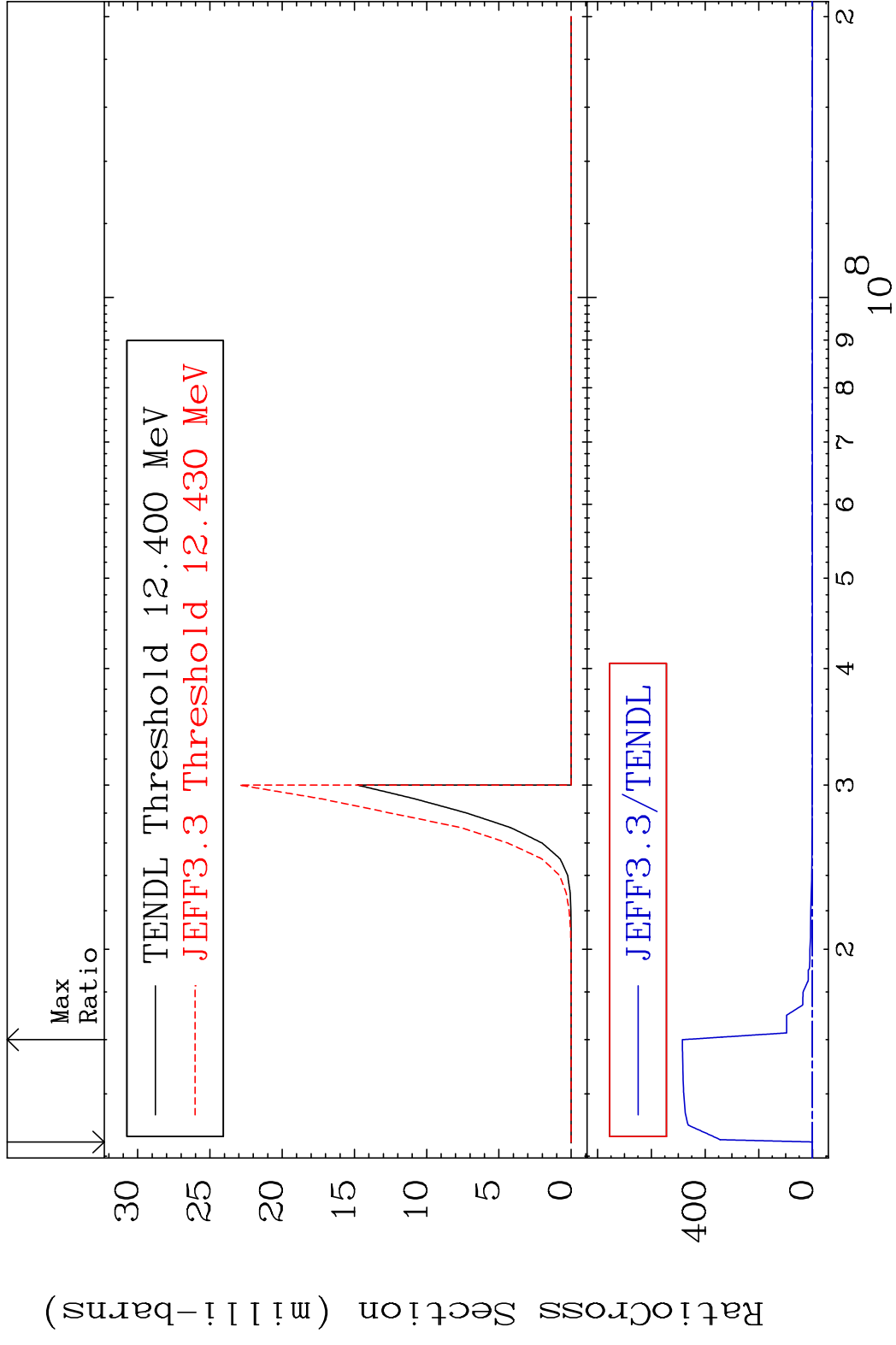


6 Incident Energy (eV) 46-Pd-102

MAT 4625 (n, n') α 46-Pd-102
 Cross Section -100.0 To 9999. %

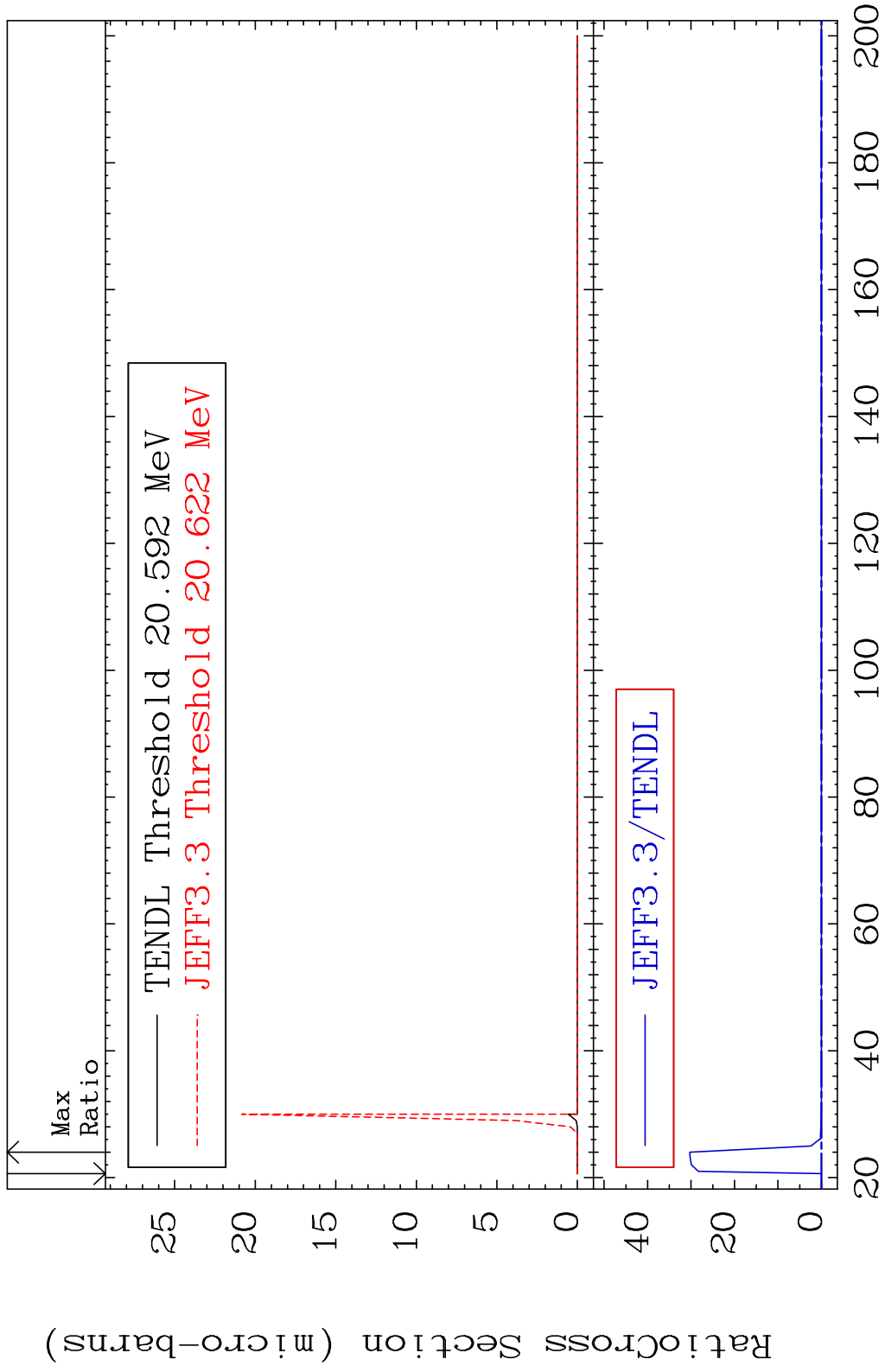


MAT 4625 (n,2n) α 46-Pd-102
 Cross Section -100.0 To 9999. %

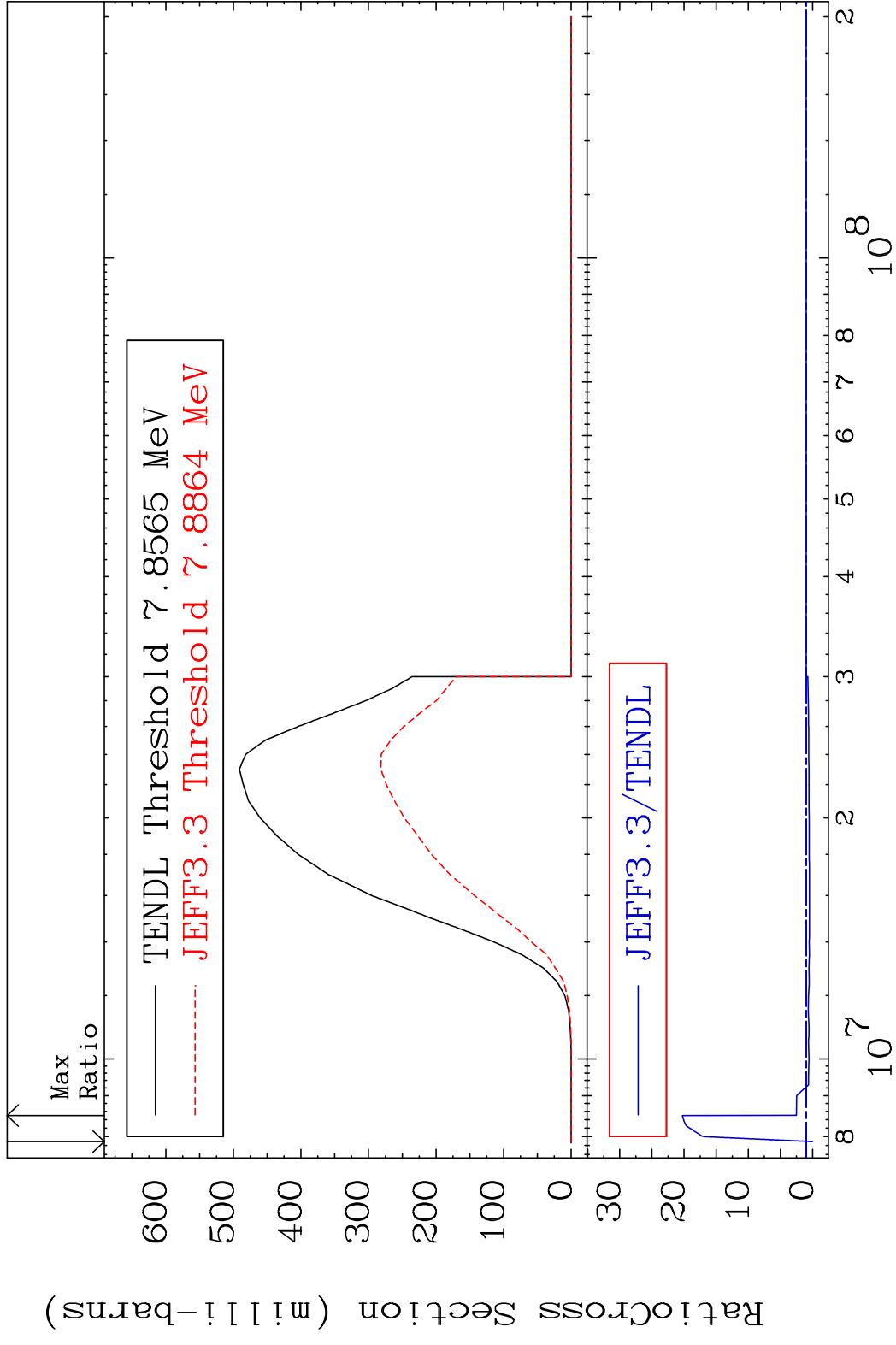


8 Incident Energy (eV) 46-Pd-102

MAT 4625 (n,3n) α 46-Pd-102
 Cross Section -100.0 To 9999. %

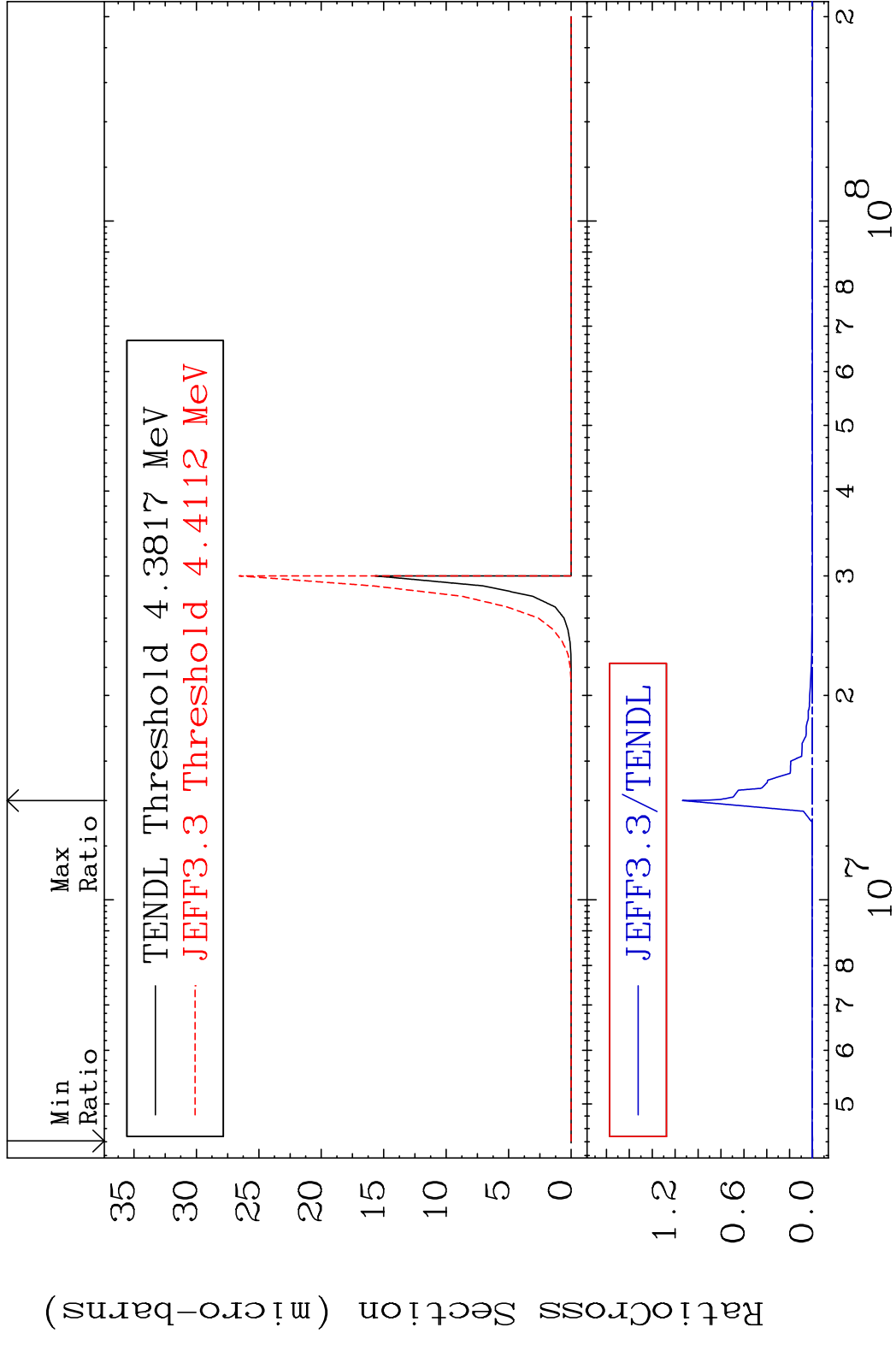


MAT 4625 (n, n') p 46-Pd-102
 Cross Section -100.0 To 1926. %

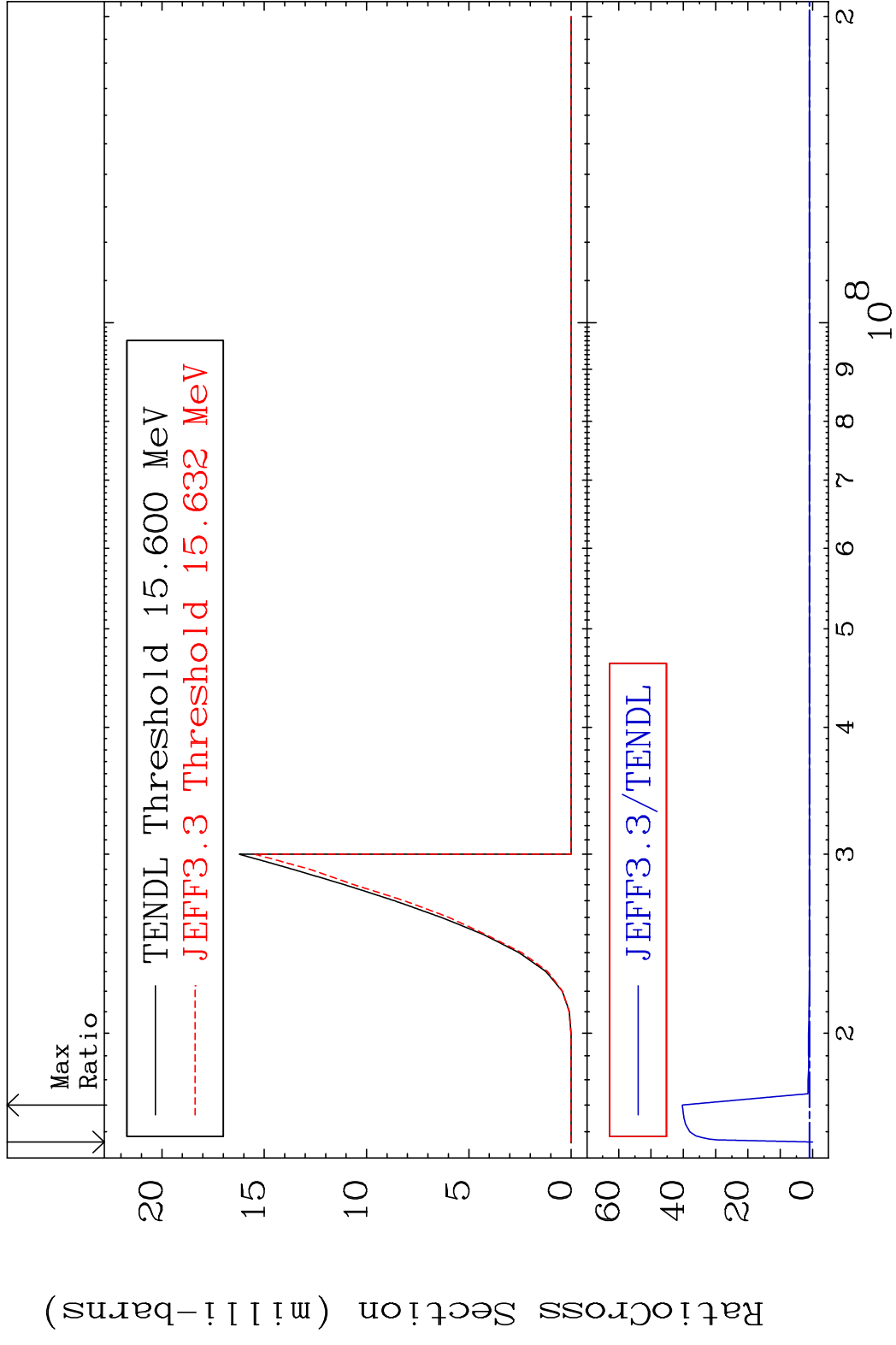


10 Incident Energy (eV) 46-Pd-102

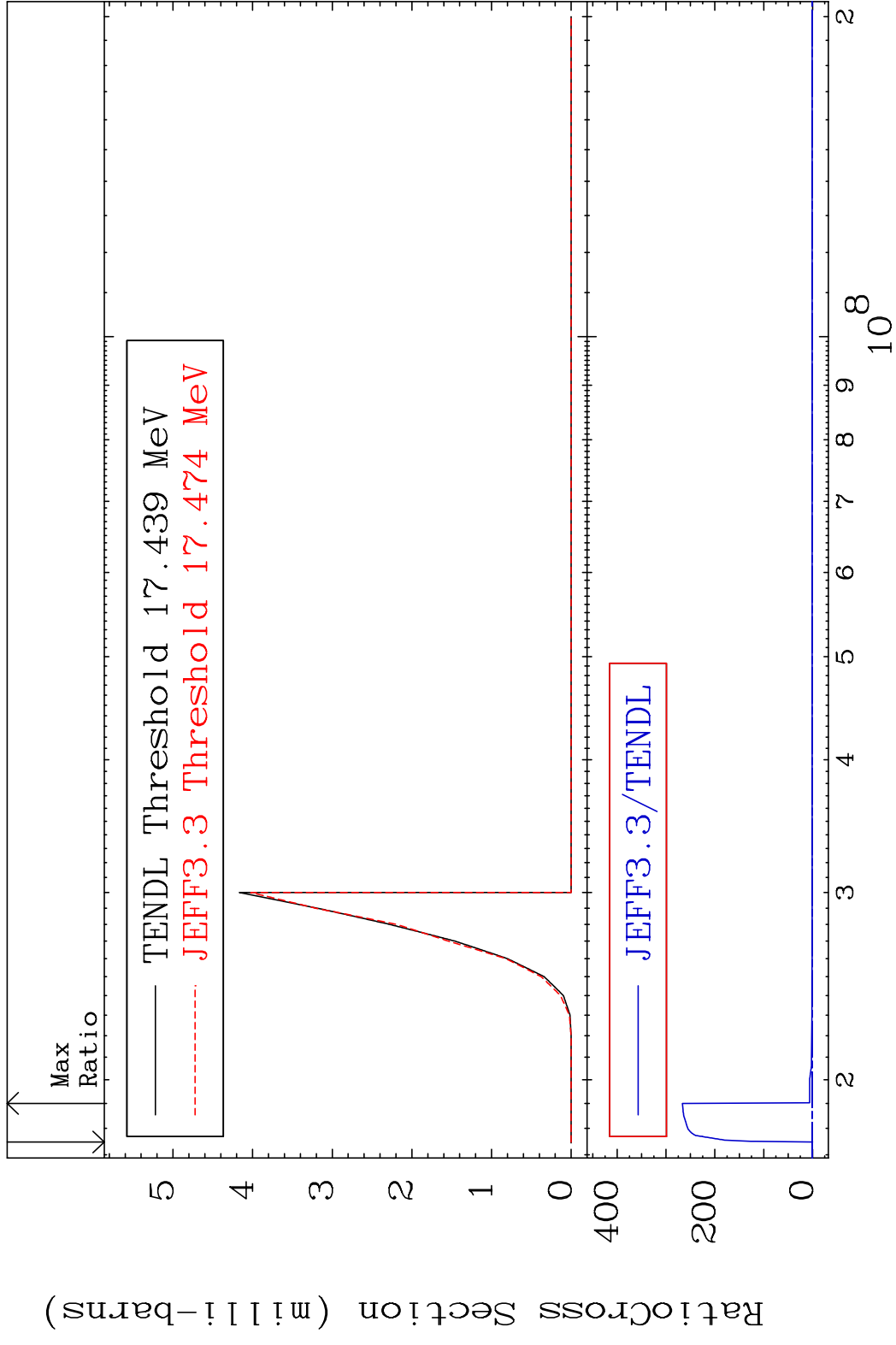
MAT 4625 (n, n') 2α 46-Pd-102
 Cross Section -100.0 To 9999. %



MAT 4625 (n, n') d 46-Pd-102
 Cross Section -100.0 To 3930. %



MAT 4625 (n, n') t 46-Pd-102
 Cross Section -100.0 To 9999. %

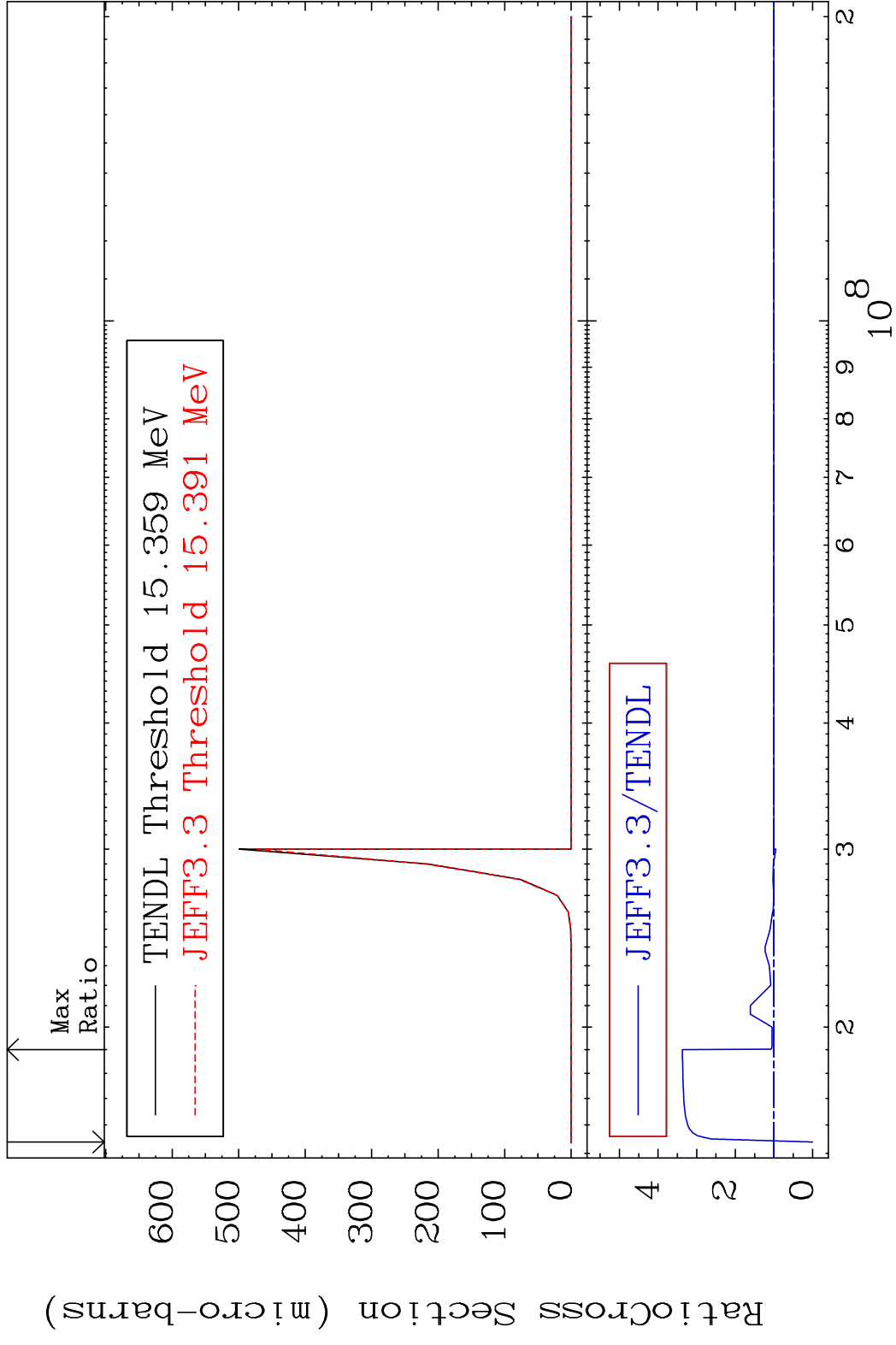


MAT 4625

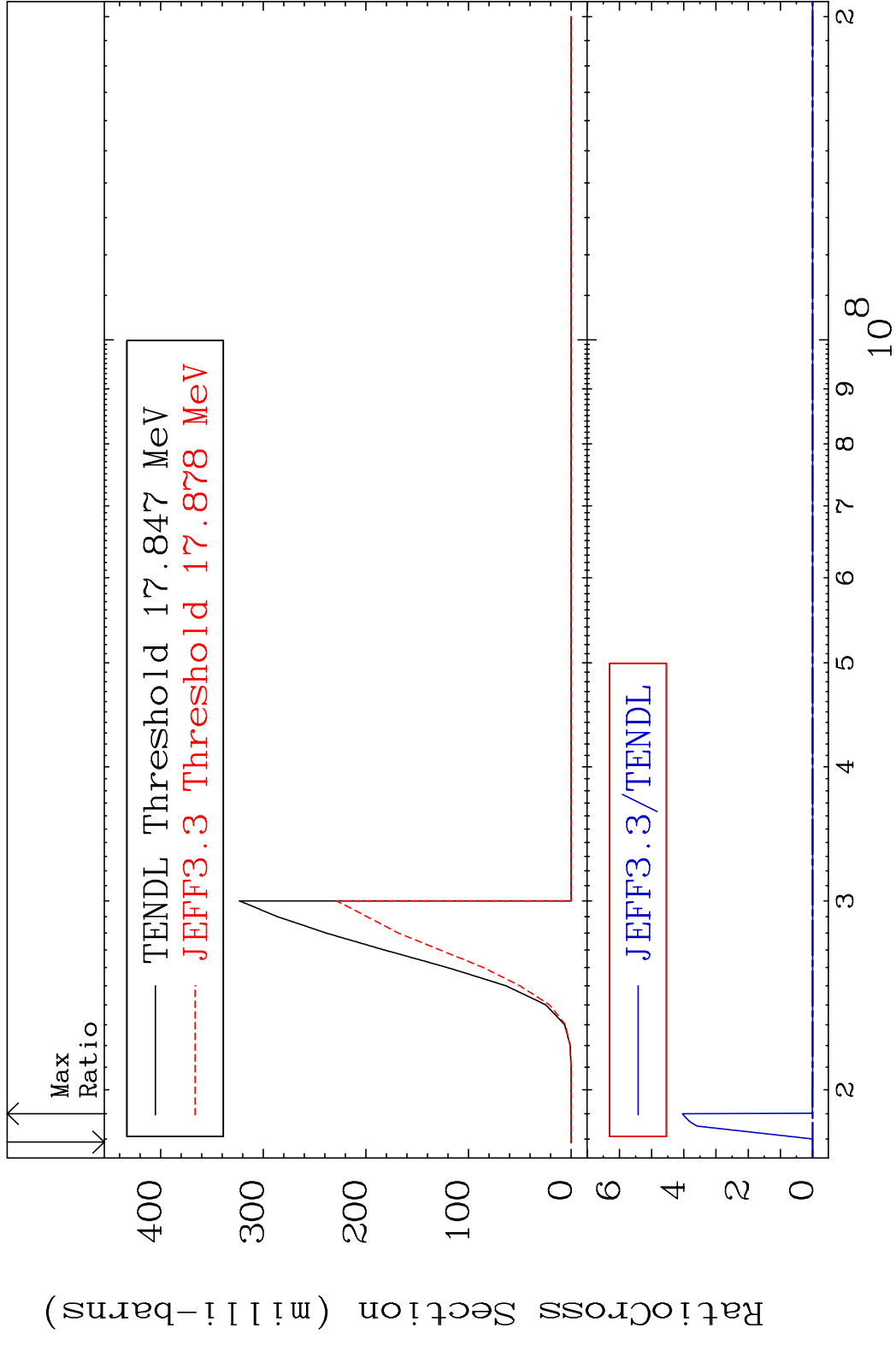
(n,n') He-3

46-Pd-102

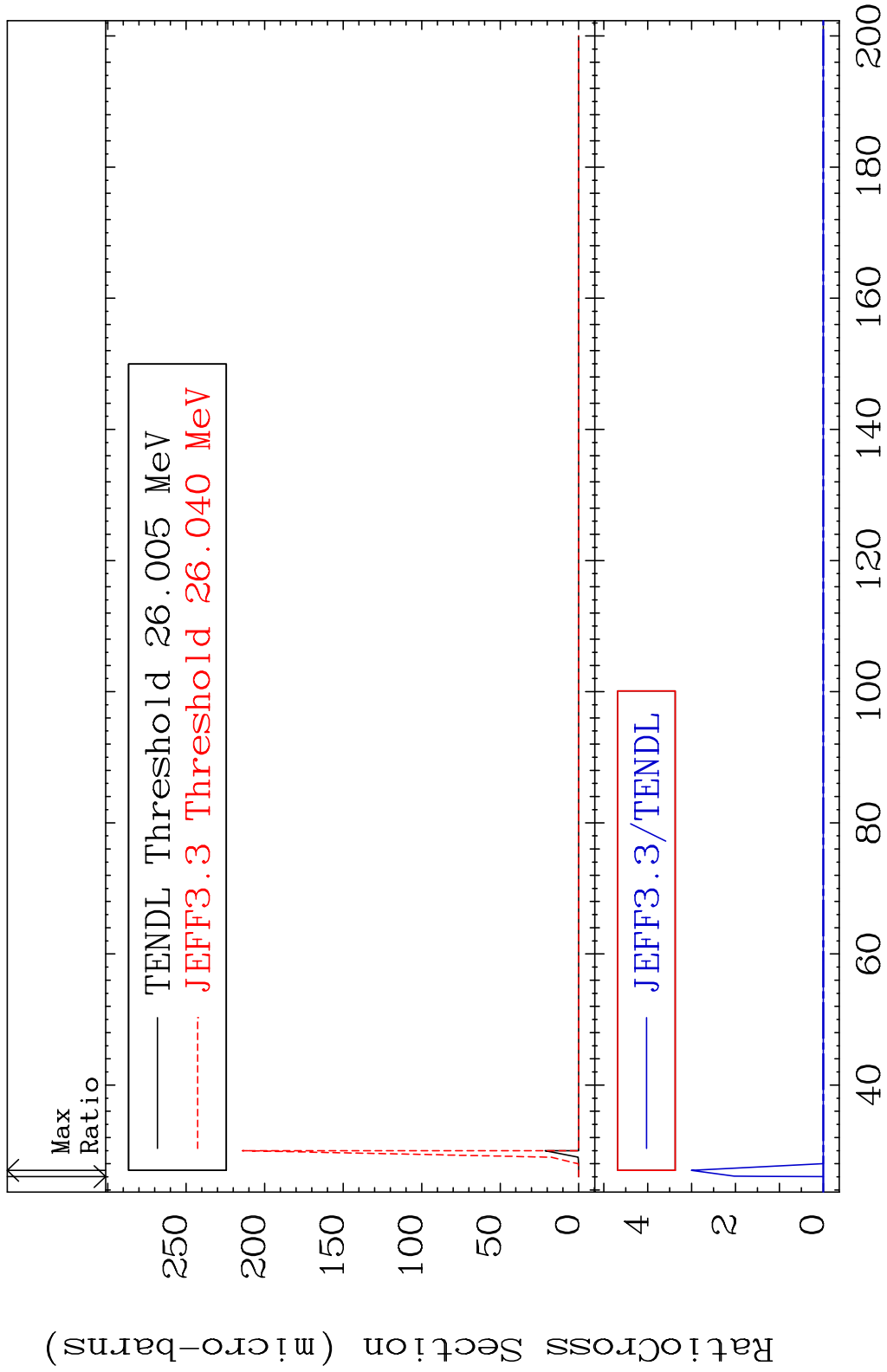
Cross Section -100.0 To 237.1 %



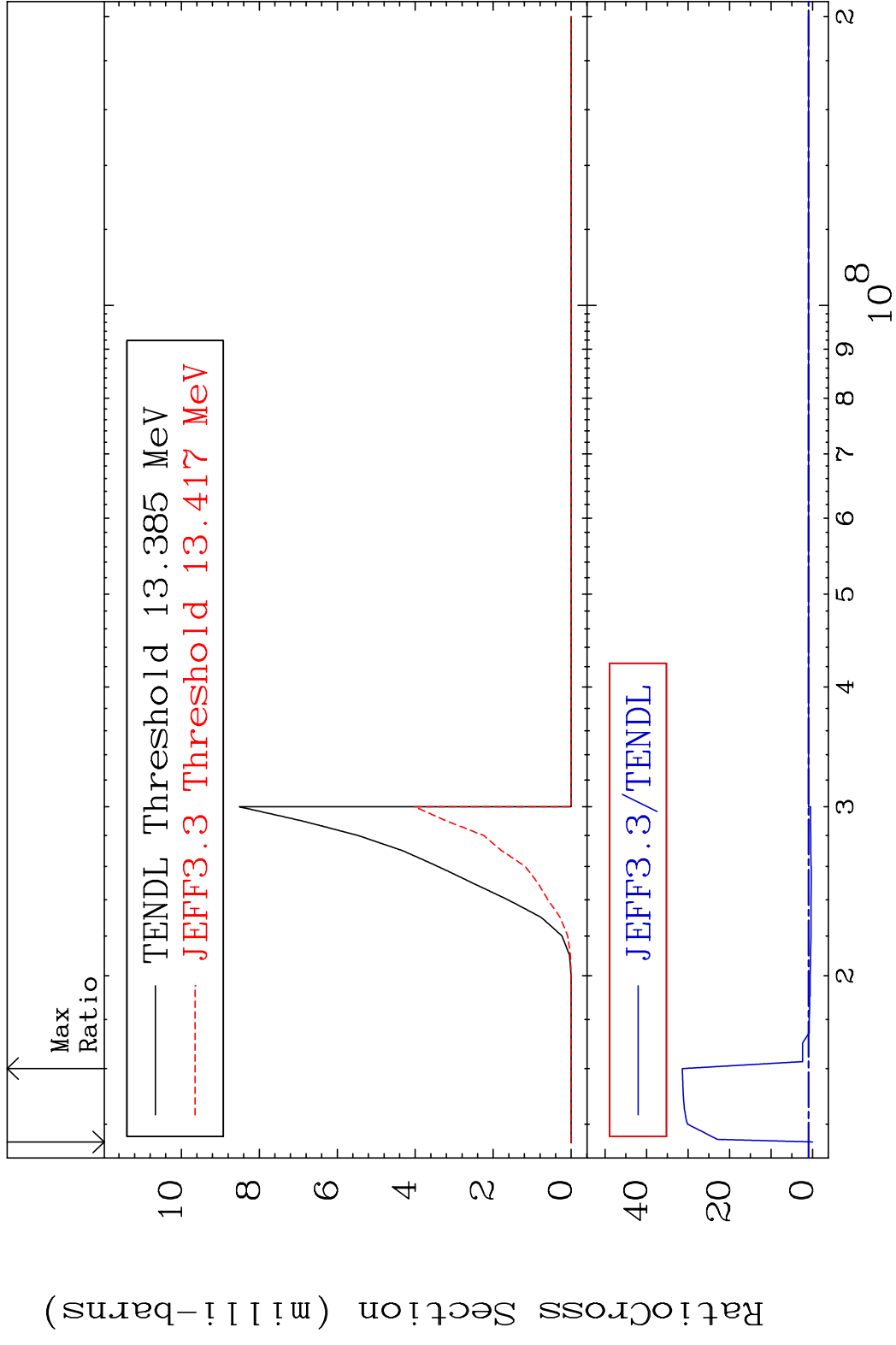
MAT 4625 (n,2n) p 46-Pd-102
 Cross Section -100.0 To 9999. %



MAT 4625 (n,3n) p 46-Pd-102
 Cross Section -100.0 To 9999. %



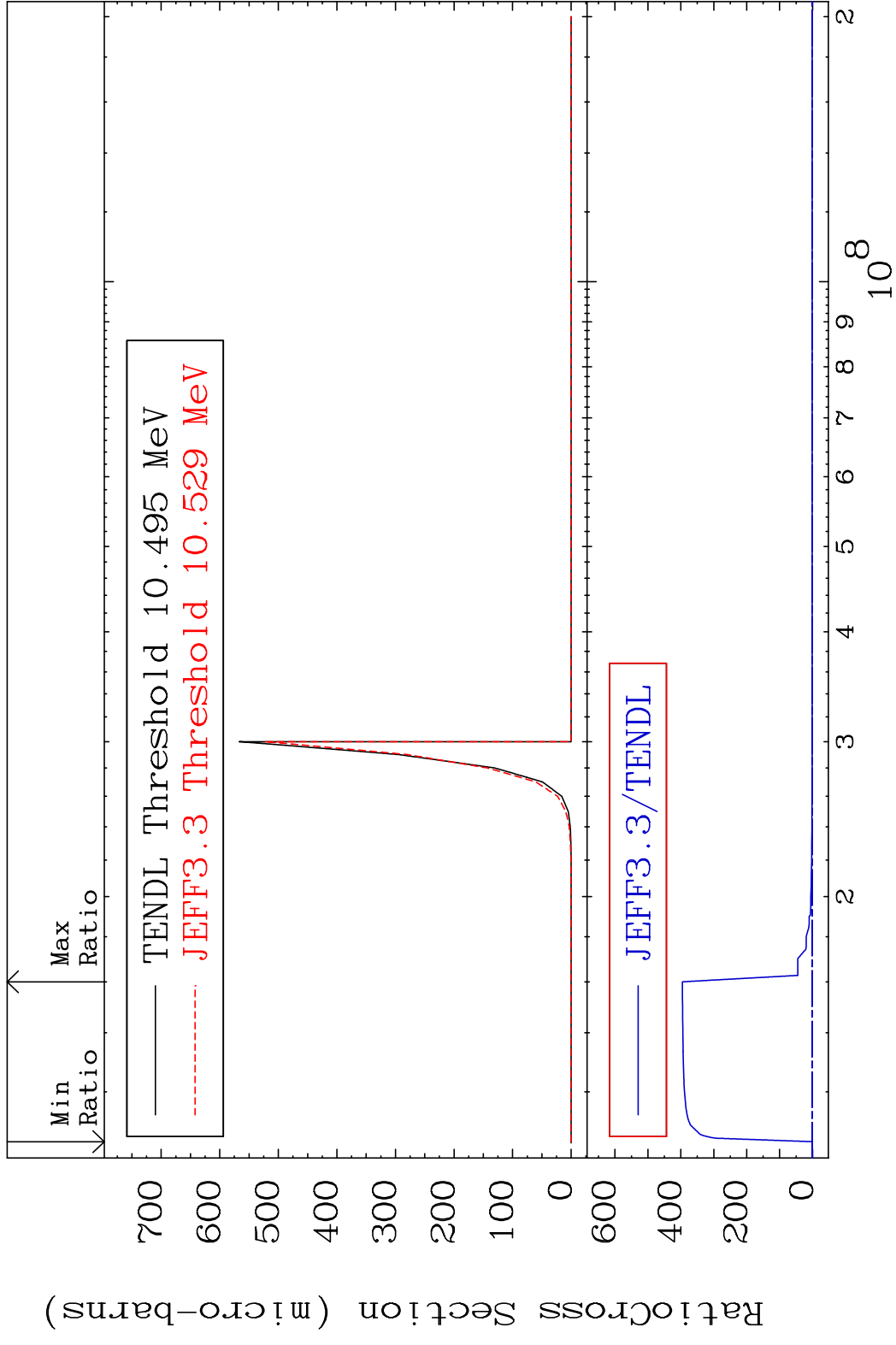
MAT 4625 (n,2n) p 46-Pd-102
 Cross Section -100.0 To 3038. %



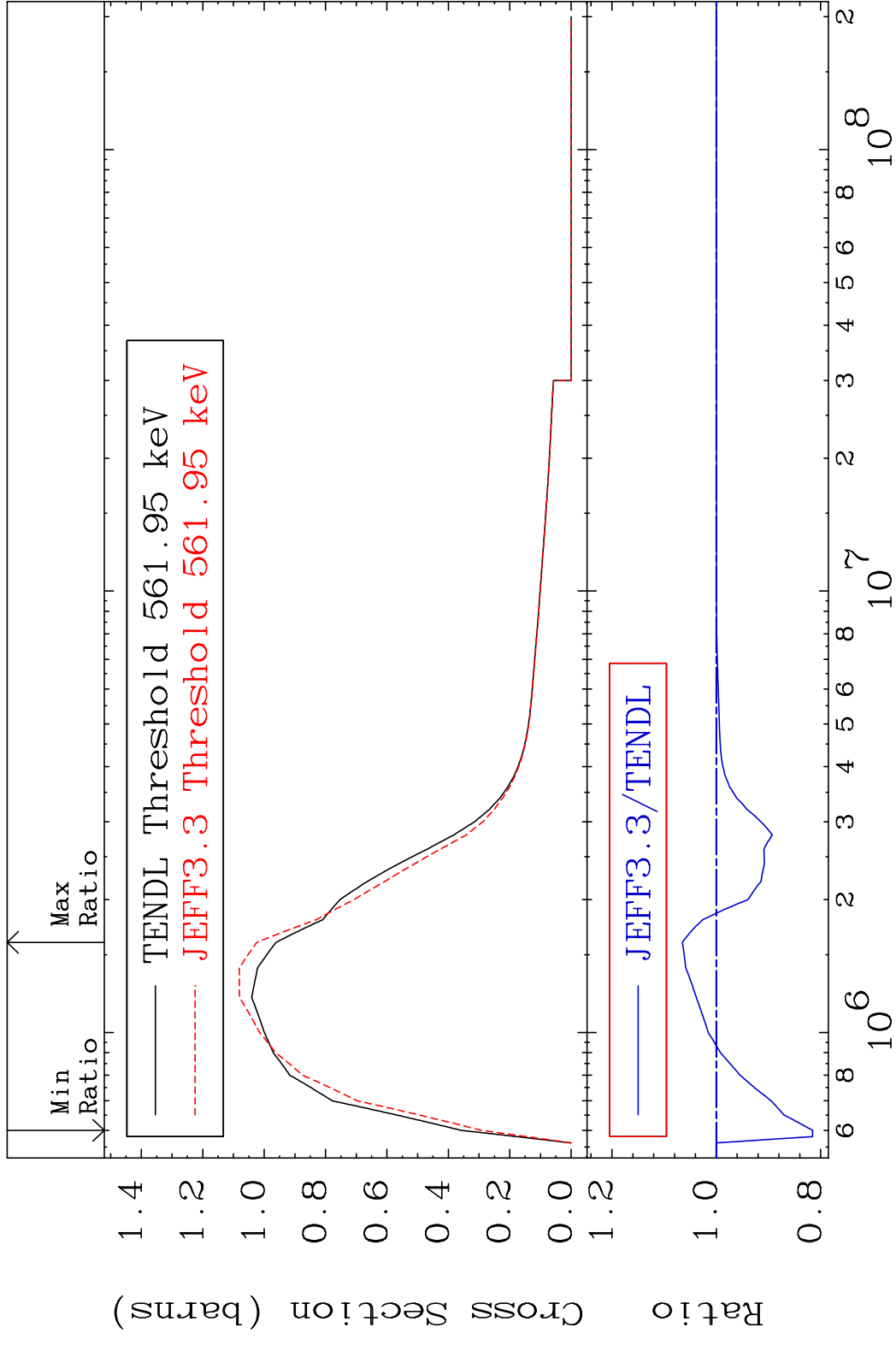
MAT 4625

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

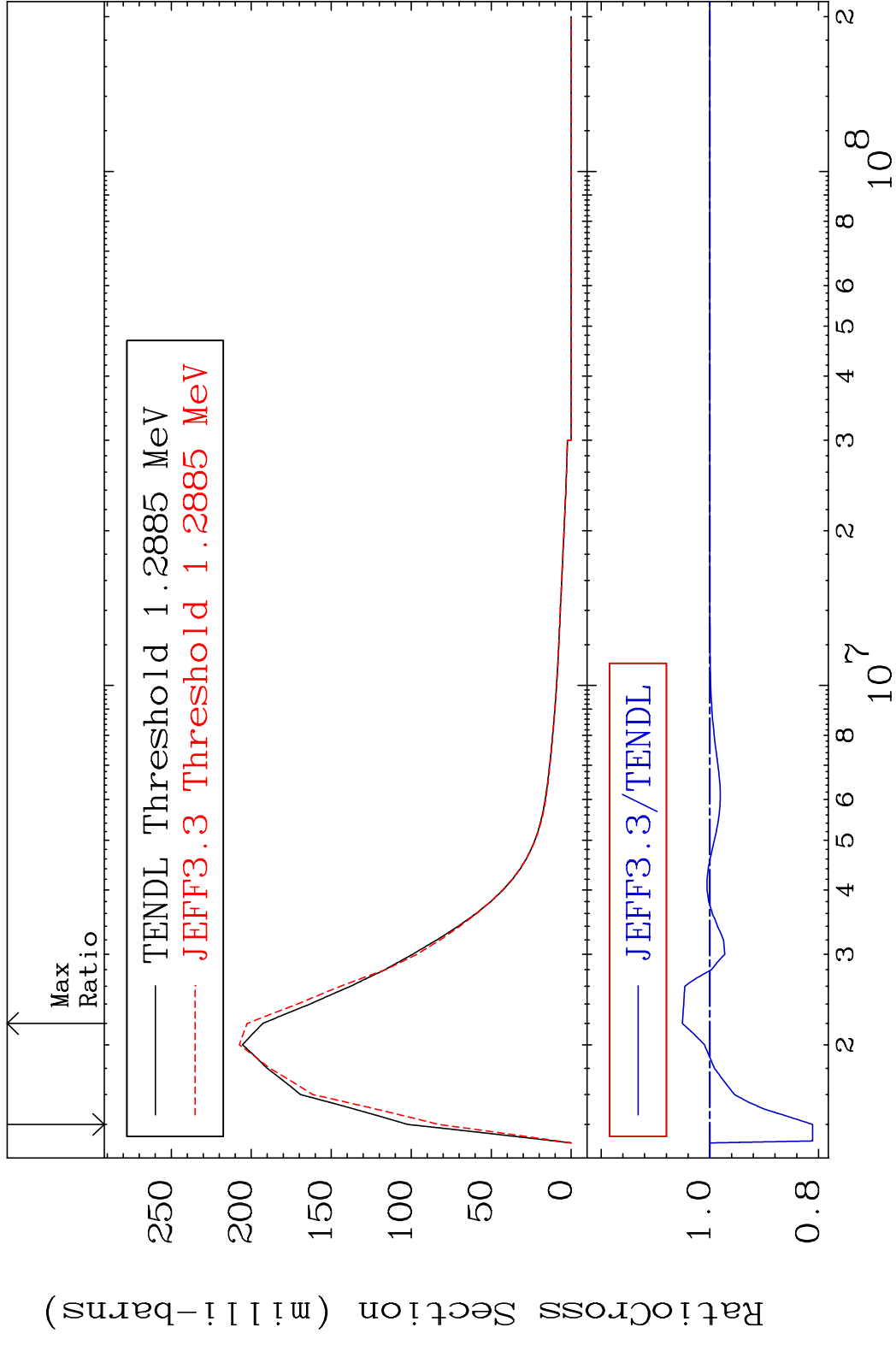
46-Pd-102



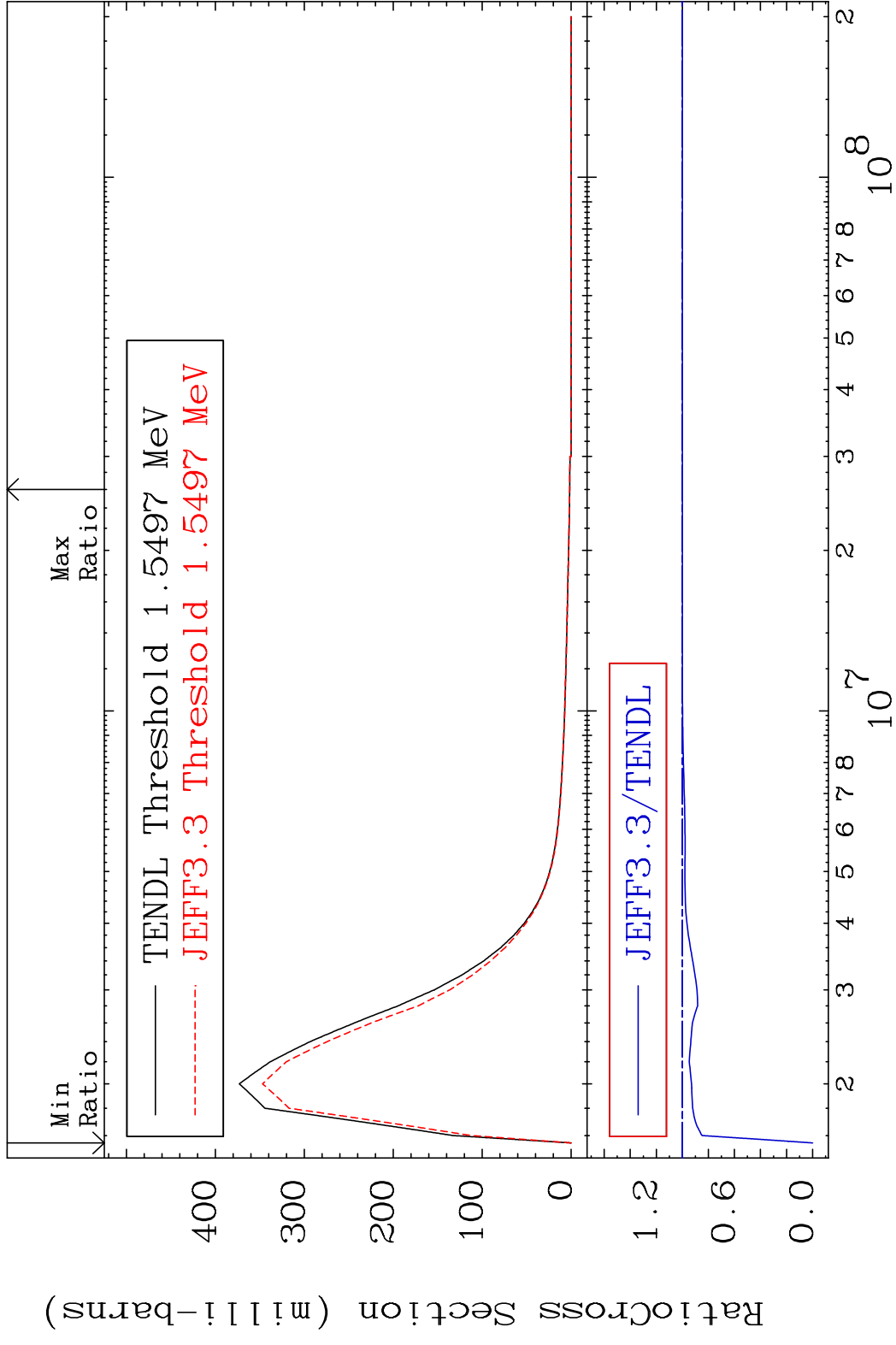
MAT 4625 MT= 51 (n,n') Level 46-Pd-102
 Cross Section -18.45 To 6.503 %



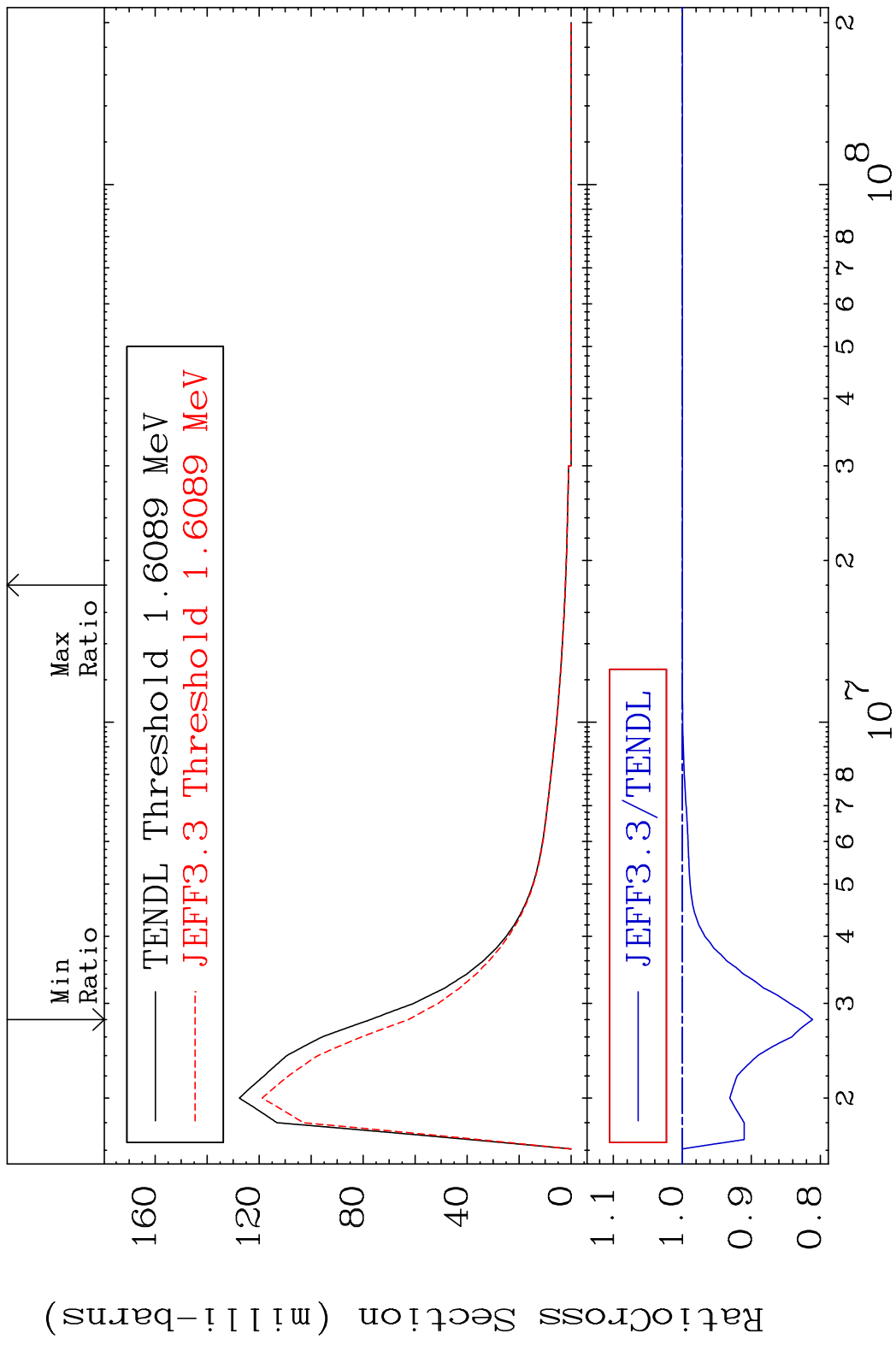
MAT 4625 MT= 52 (n,n') Level 46-Pd-102
 Cross Section -18.91 To 5.054 %



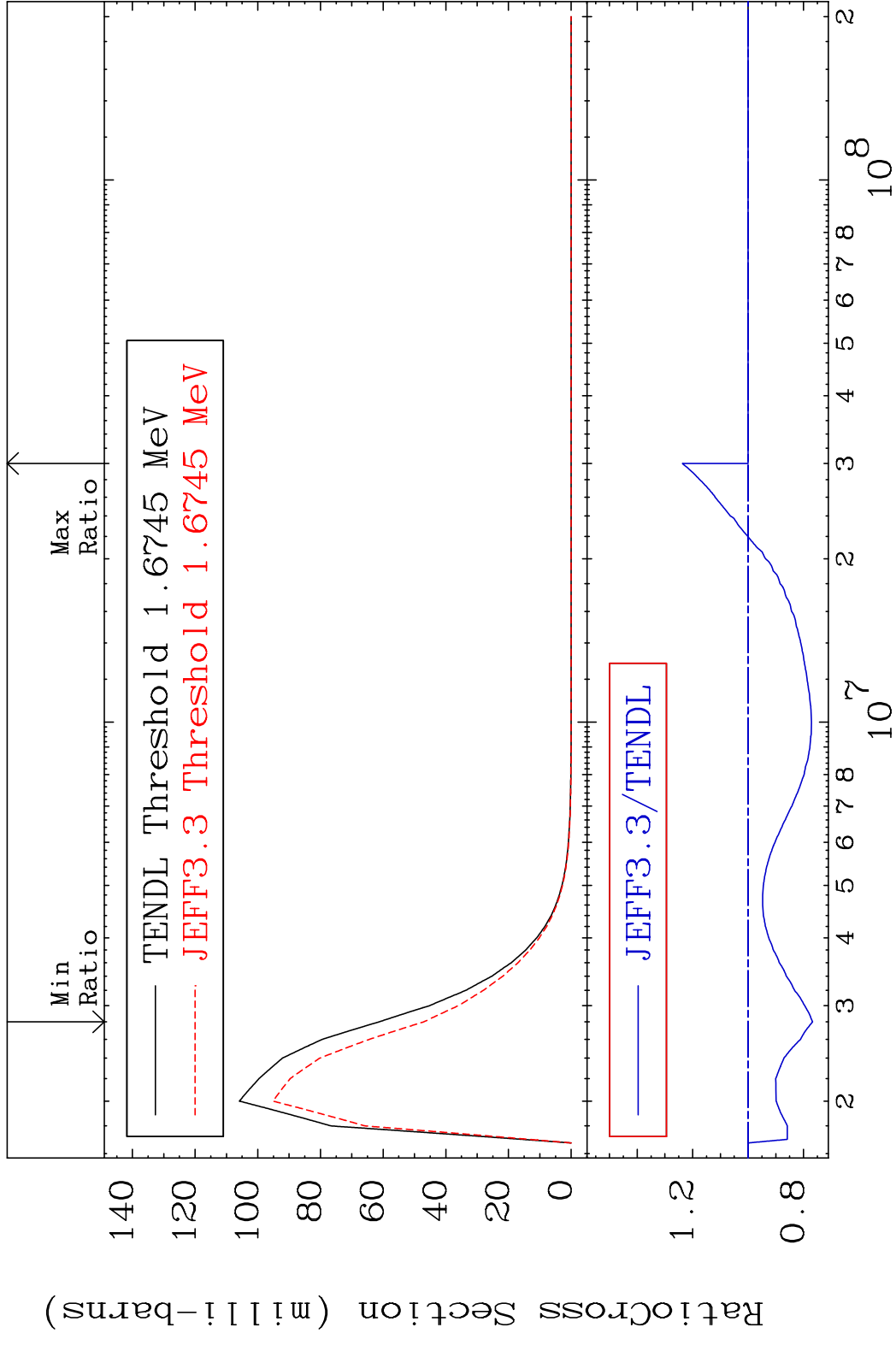
MAT 4625 MT= 53 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 0.000 %



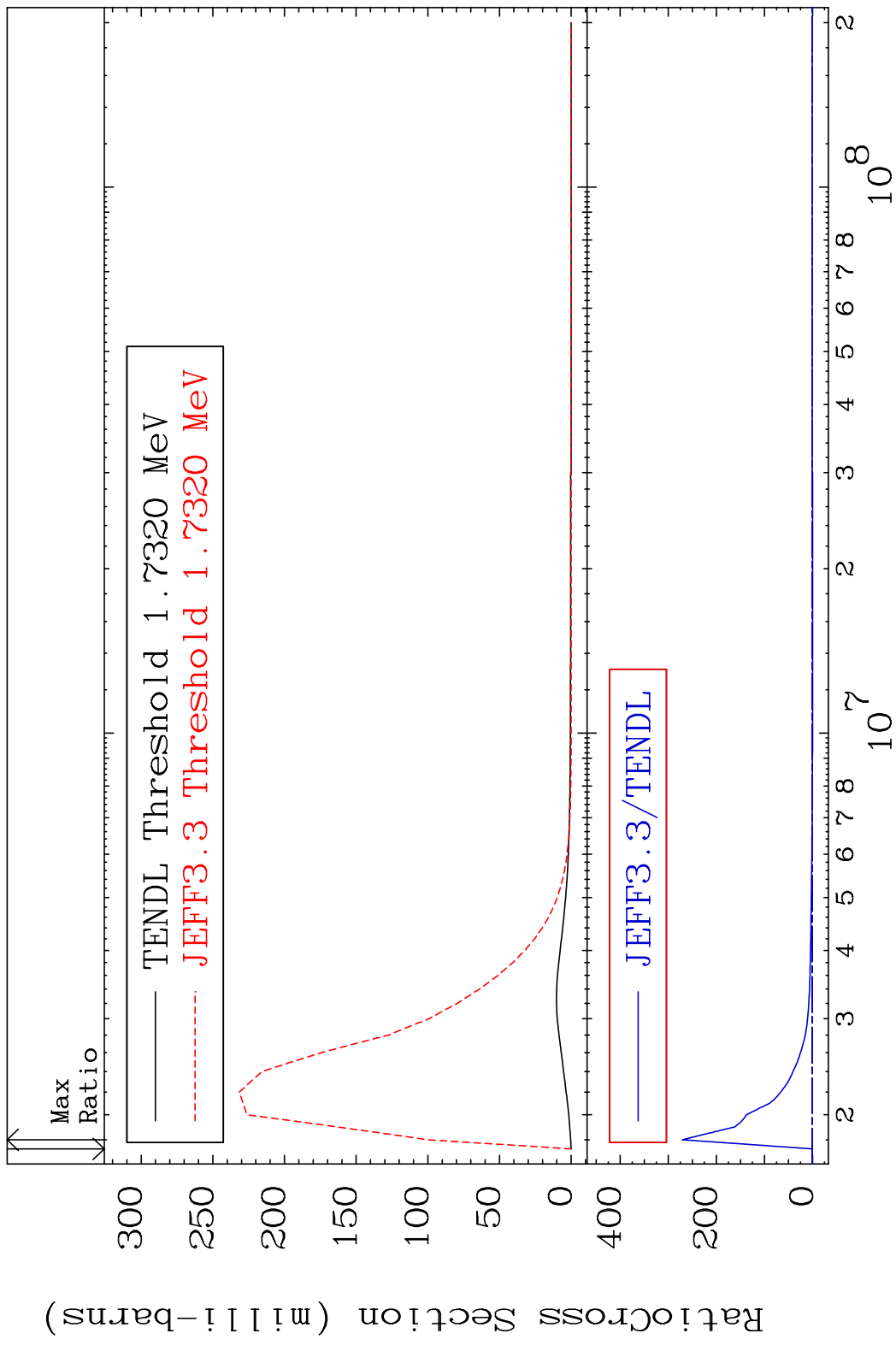
MAT 4625 MT= 54 (n, n') Level 46-Pd-102
 Cross Section -18.87 To 0.000 %



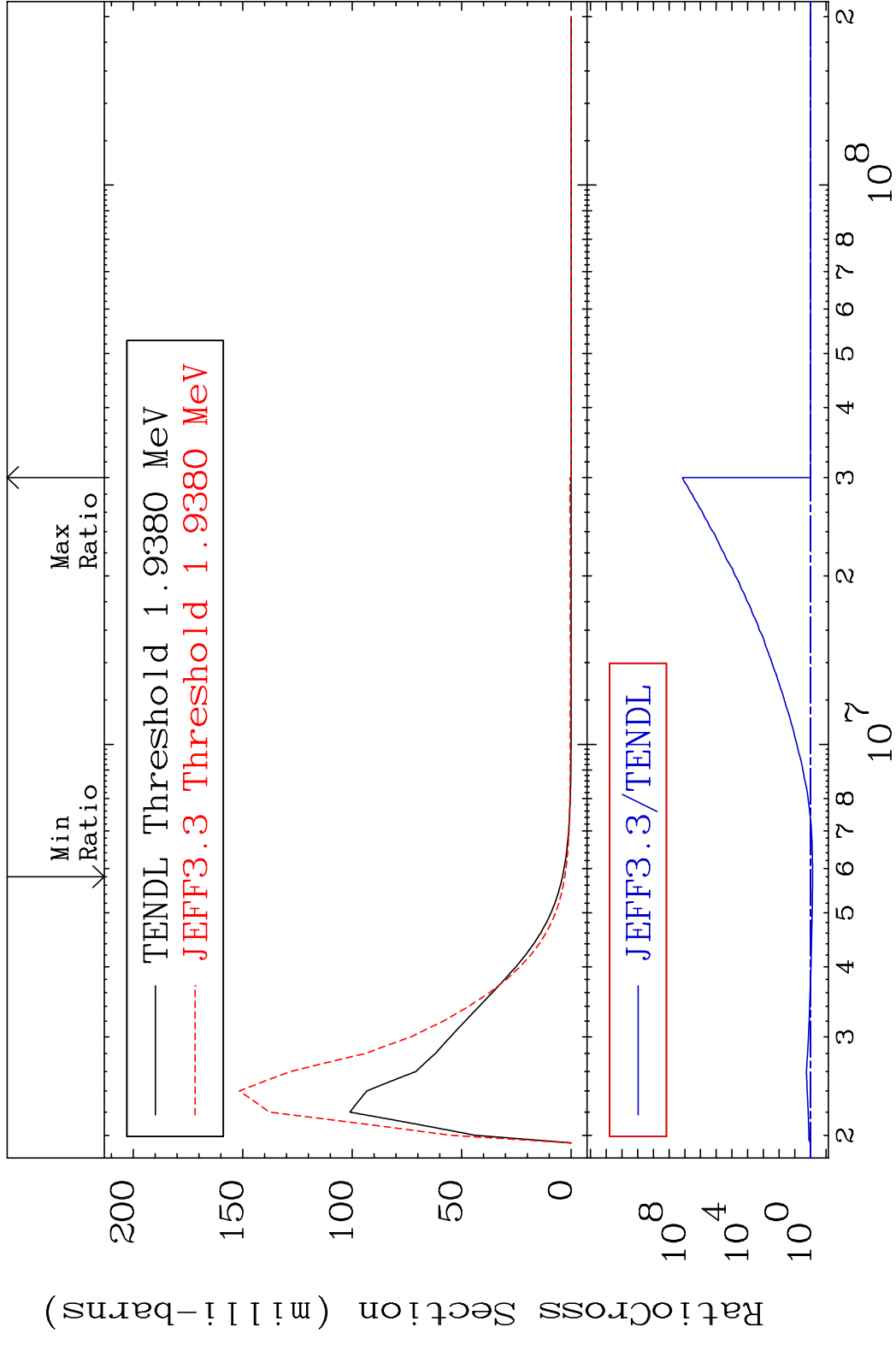
MAT 4625 MT= 55 (n,n') Level 46-Pd-102
 Cross Section -23.25 To 23.72 %



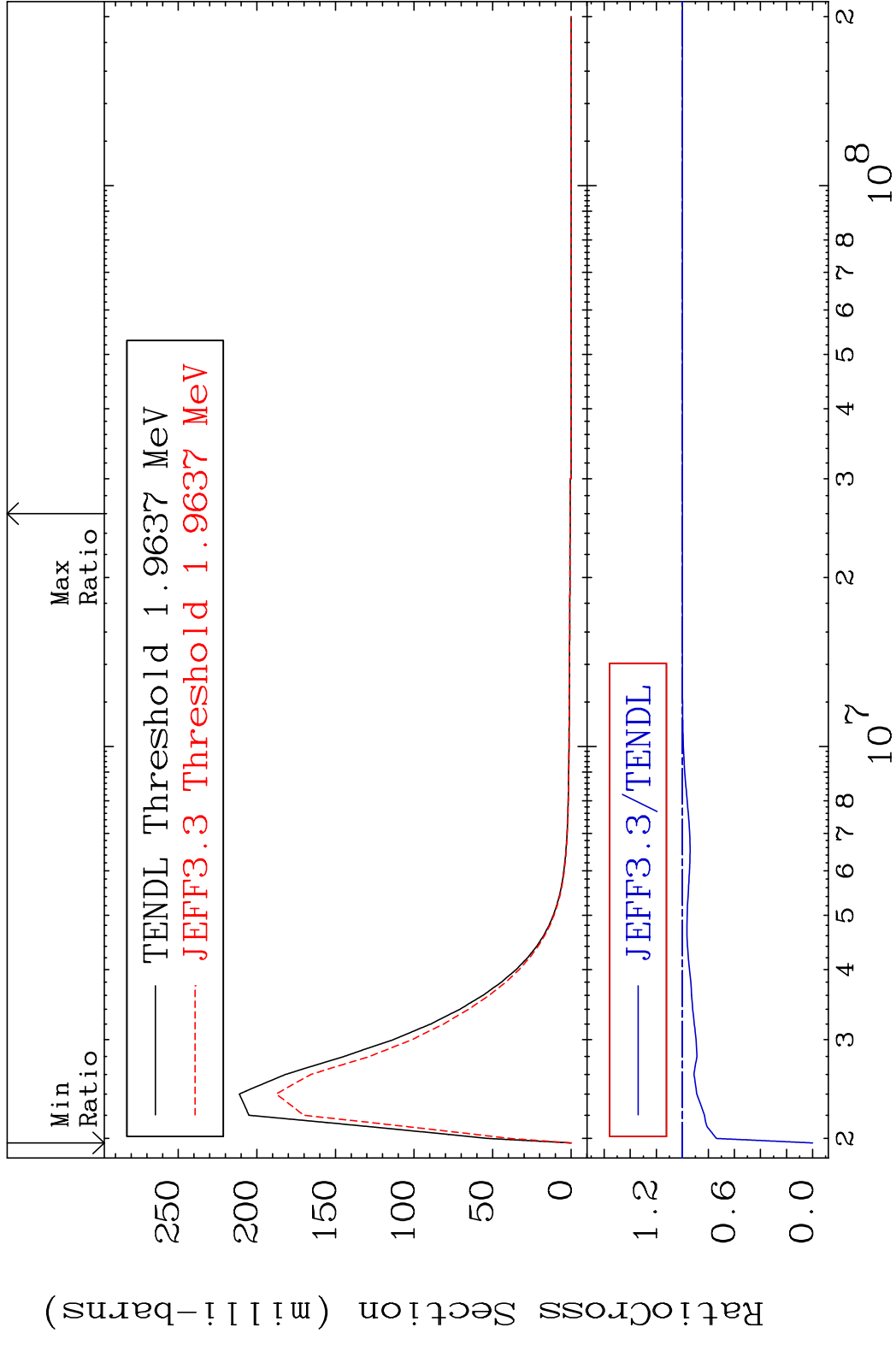
MAT 4625 MT= 56 (n,n') Level 46-Pd-102
 Cross Section -100.0 To 9999. %



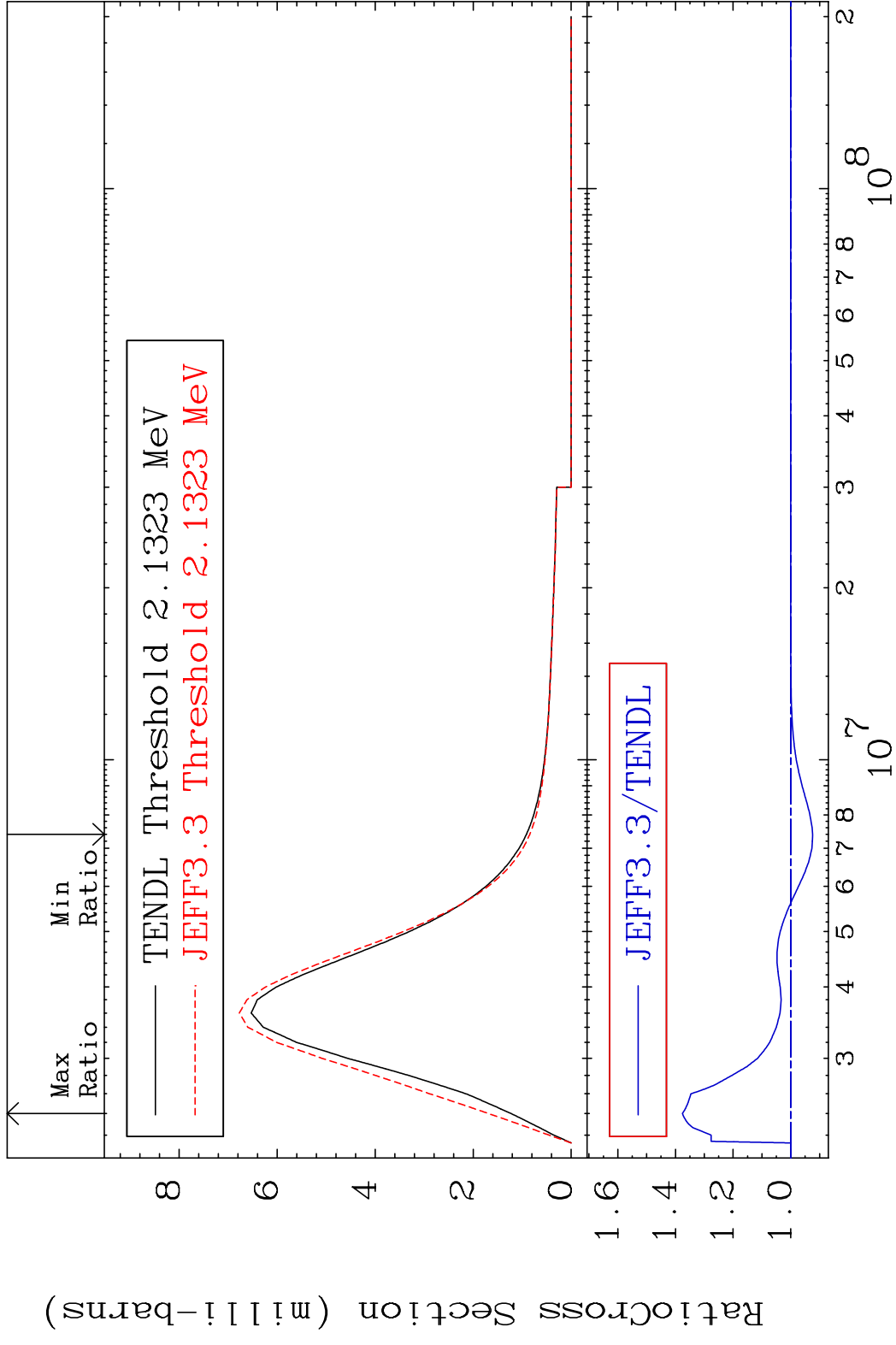
MAT 4625 MT= 57 (n, n') Level 46-Pd-102
 Cross Section -26.66 To 9999. %



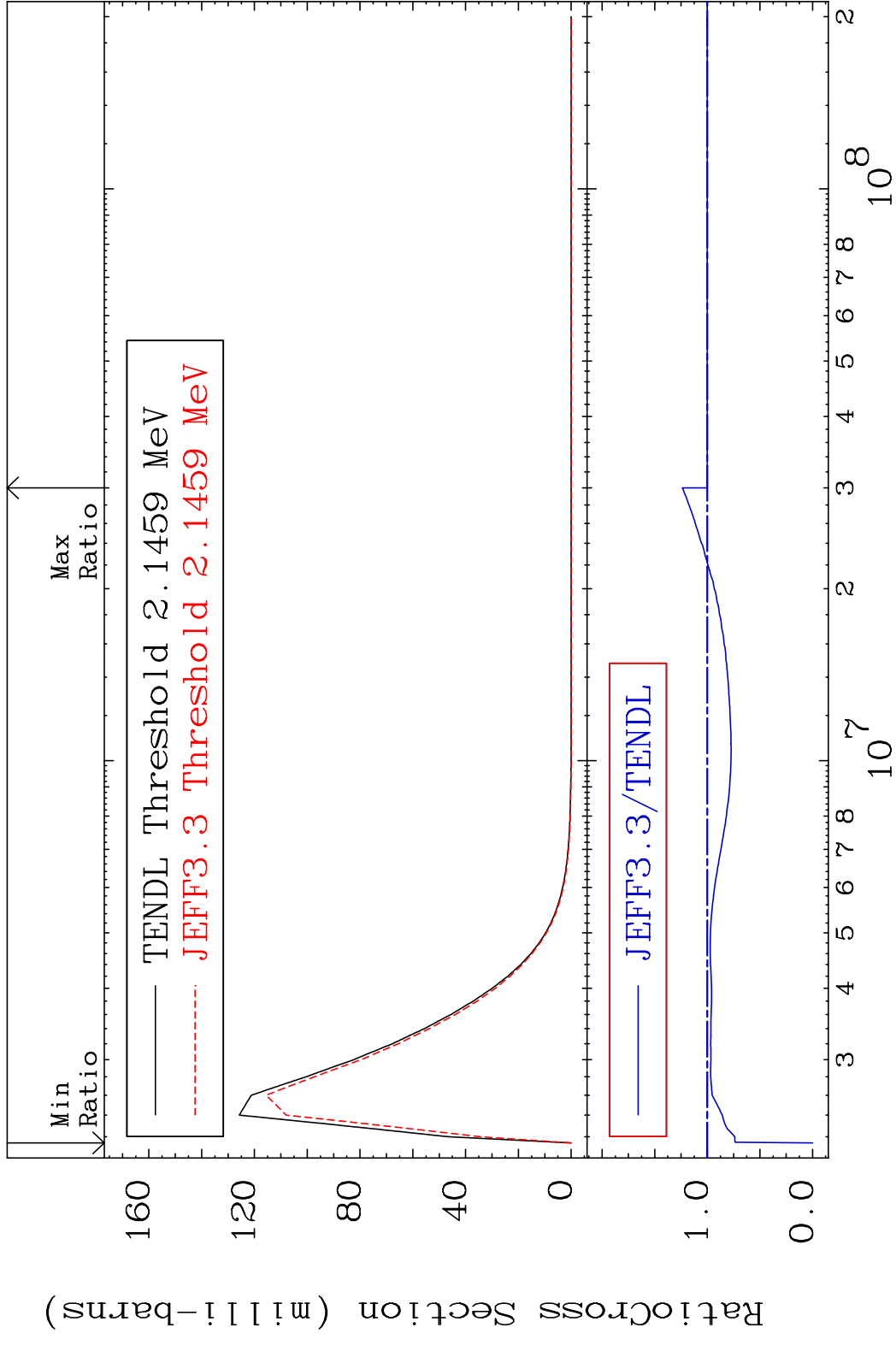
MAT 4625 MT= 58 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 0.000 %



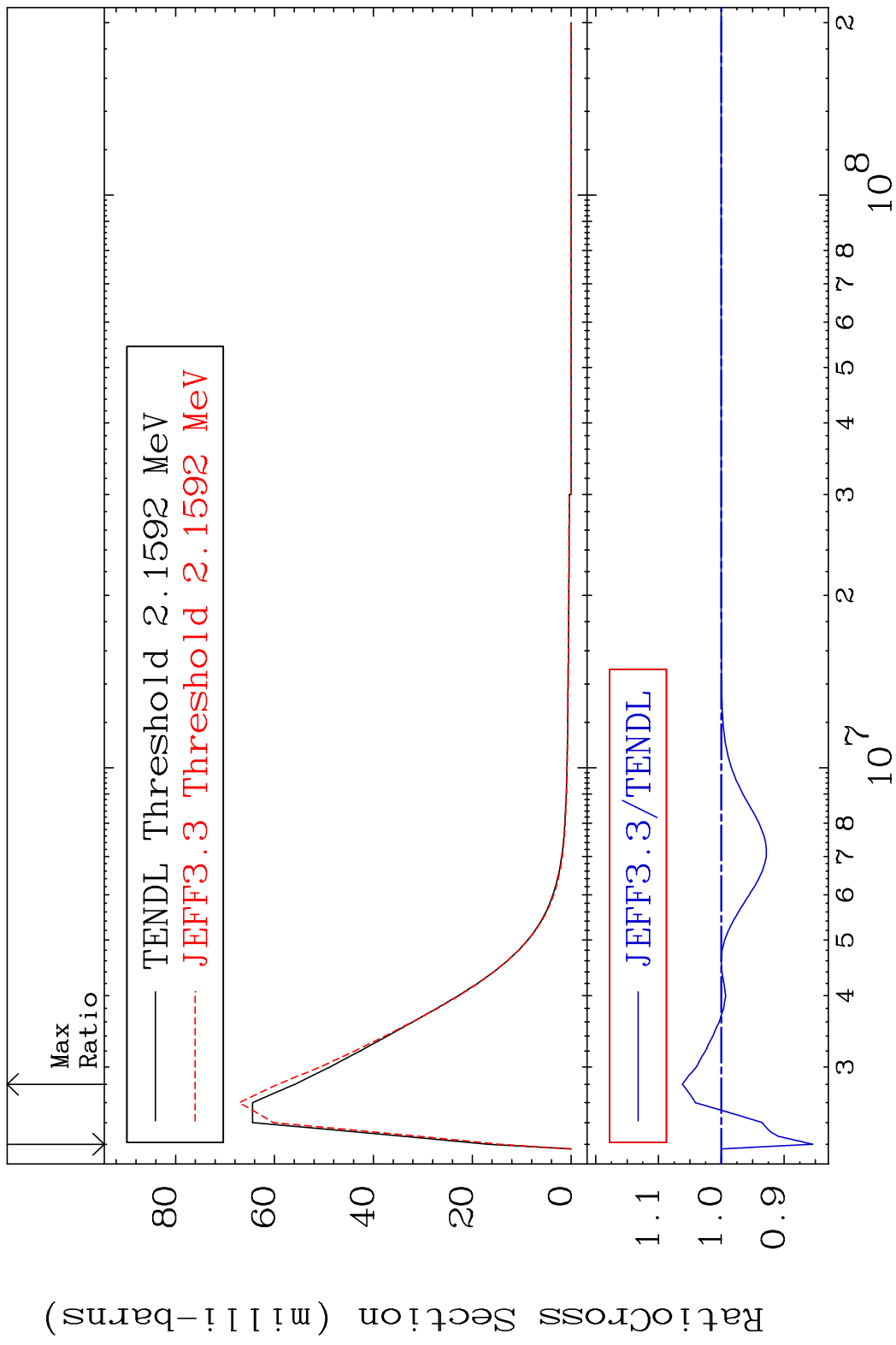
MAT 4625 MT= 59 (n,n') Level 46-Pd-102
 Cross Section -7.569 To 37.61 %



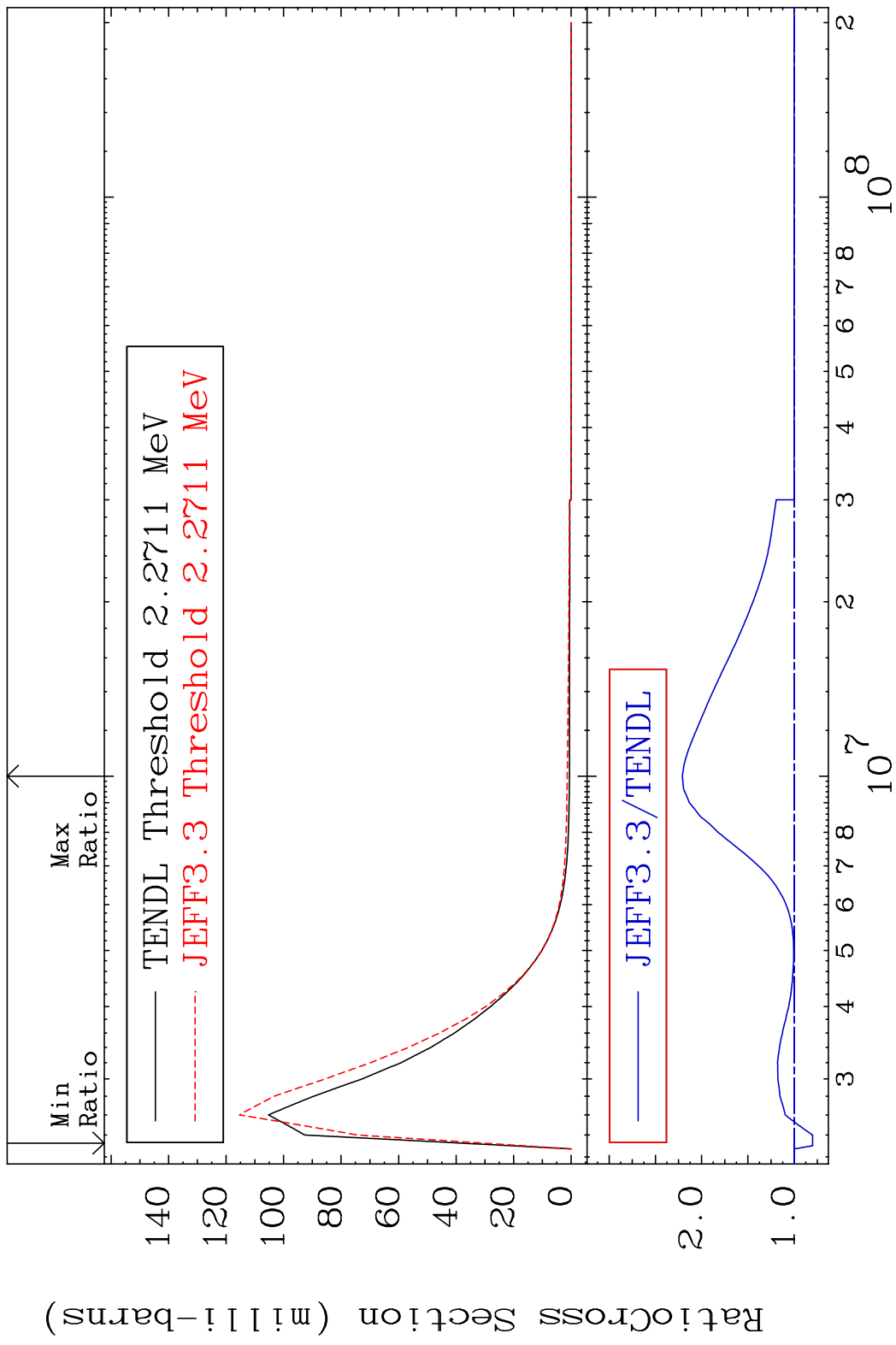
MAT 4625 MT= 60 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 23.76 %



MAT 4625 MT= 61 (n, n') Level 46-Pd-102
 Cross Section -14.54 To 6.199 %

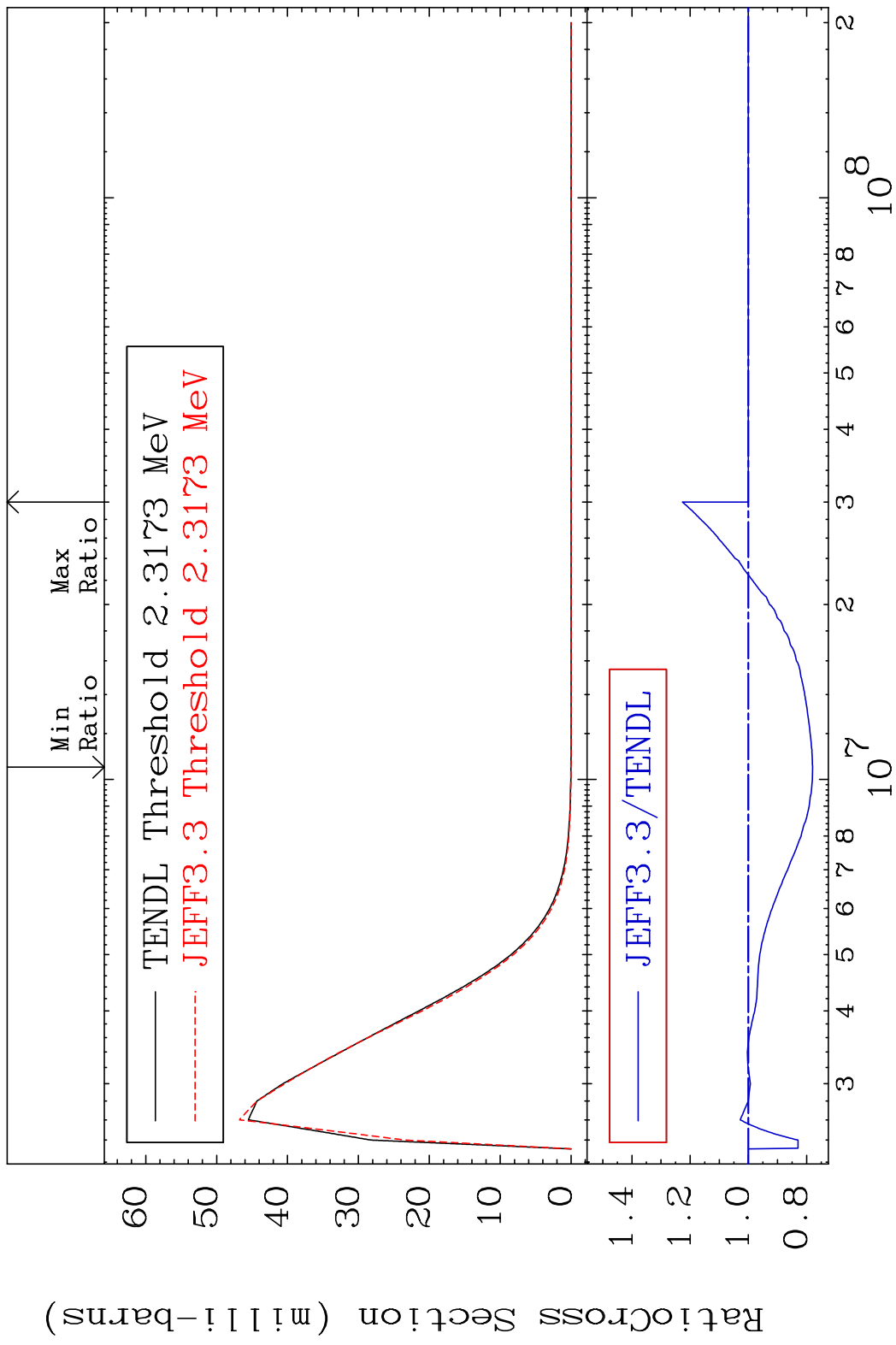


MAT 4625 MT= 62 (n,n') Level 46-Pd-102
 Cross Section -19.84 To 120.9 %

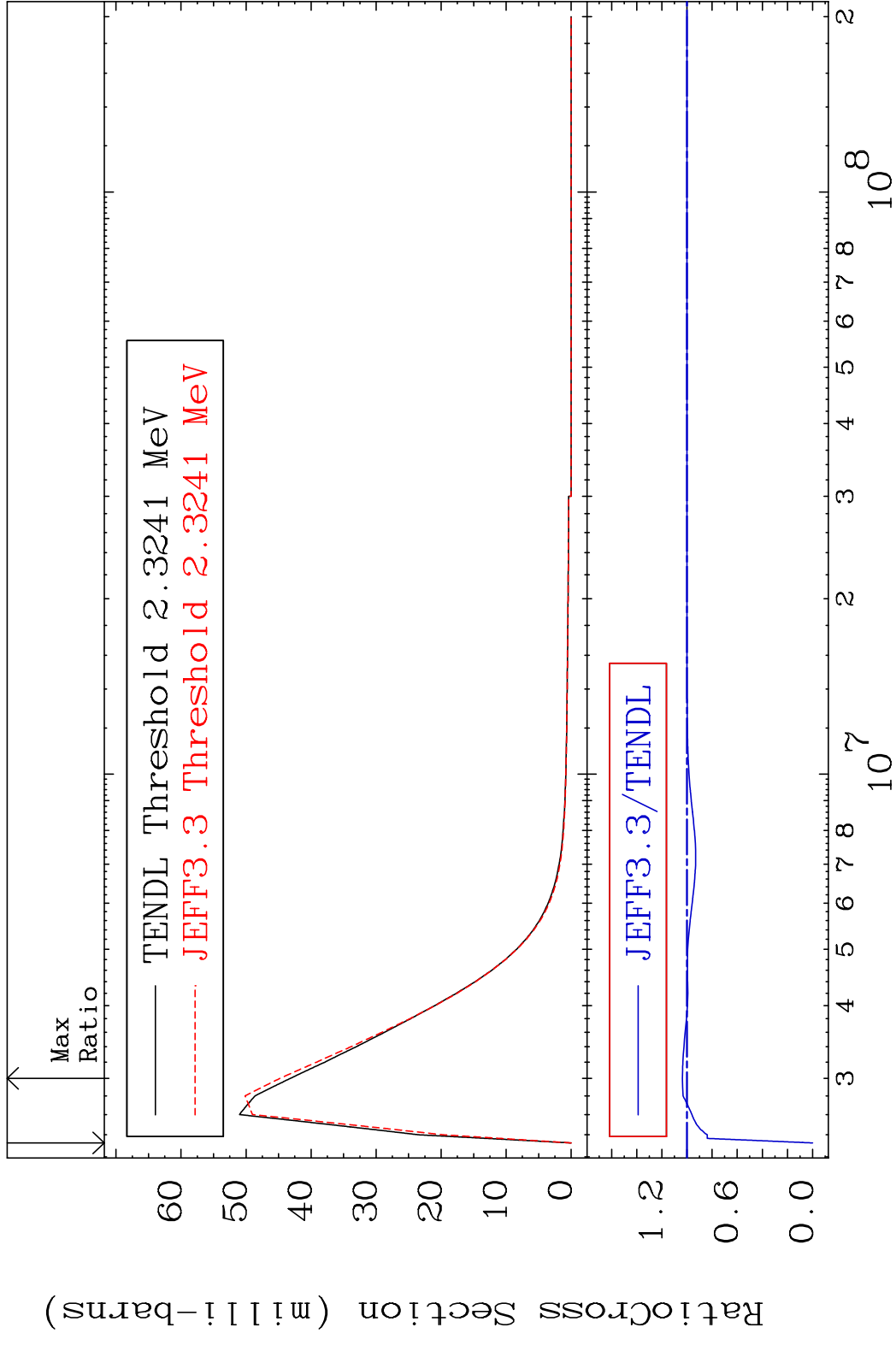


30 Incident Energy (eV) 46-Pd-102

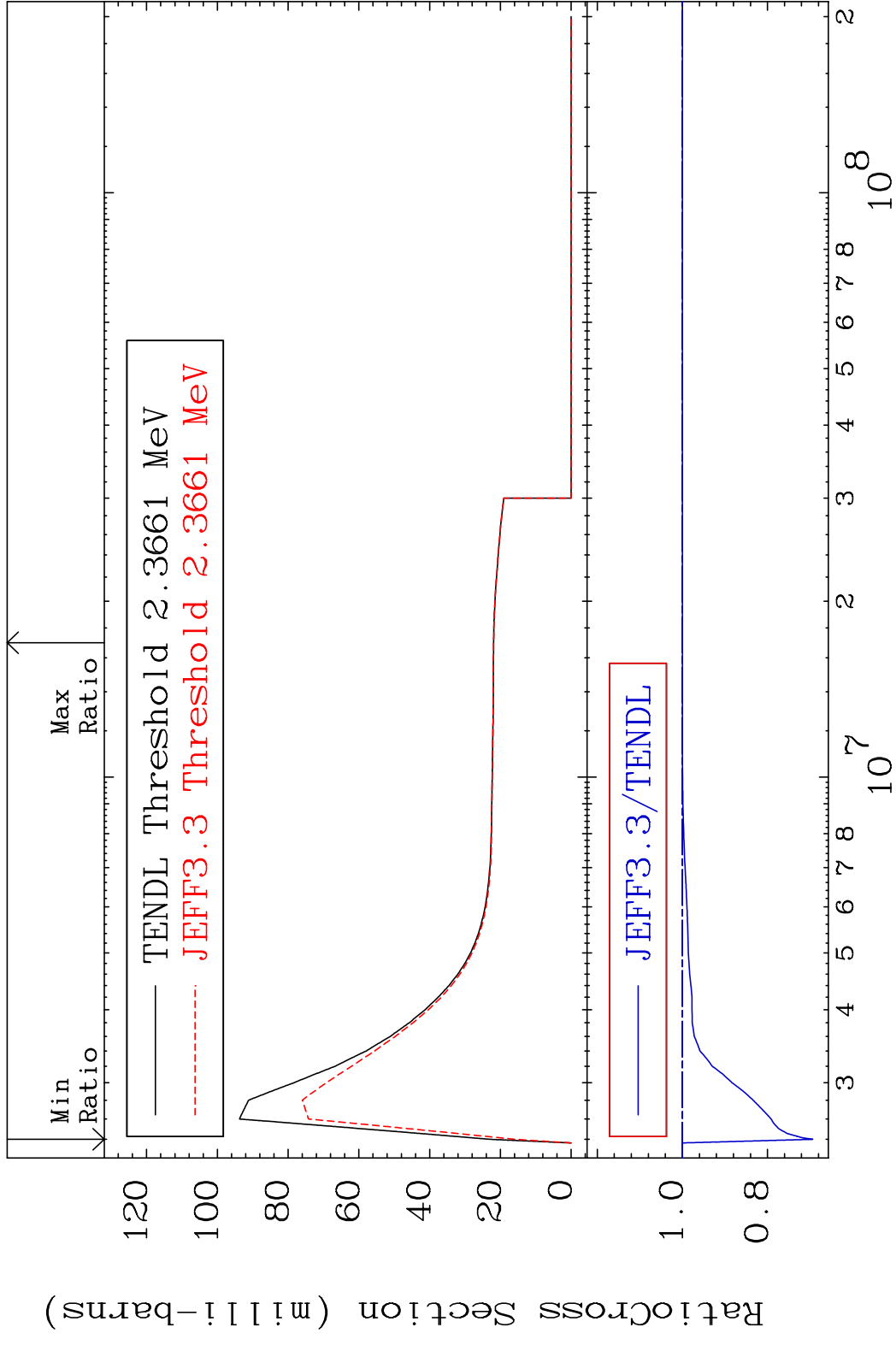
MAT 4625 MT= 63 (n, n') Level 46-Pd-102
 Cross Section -22.03 To 22.67 %



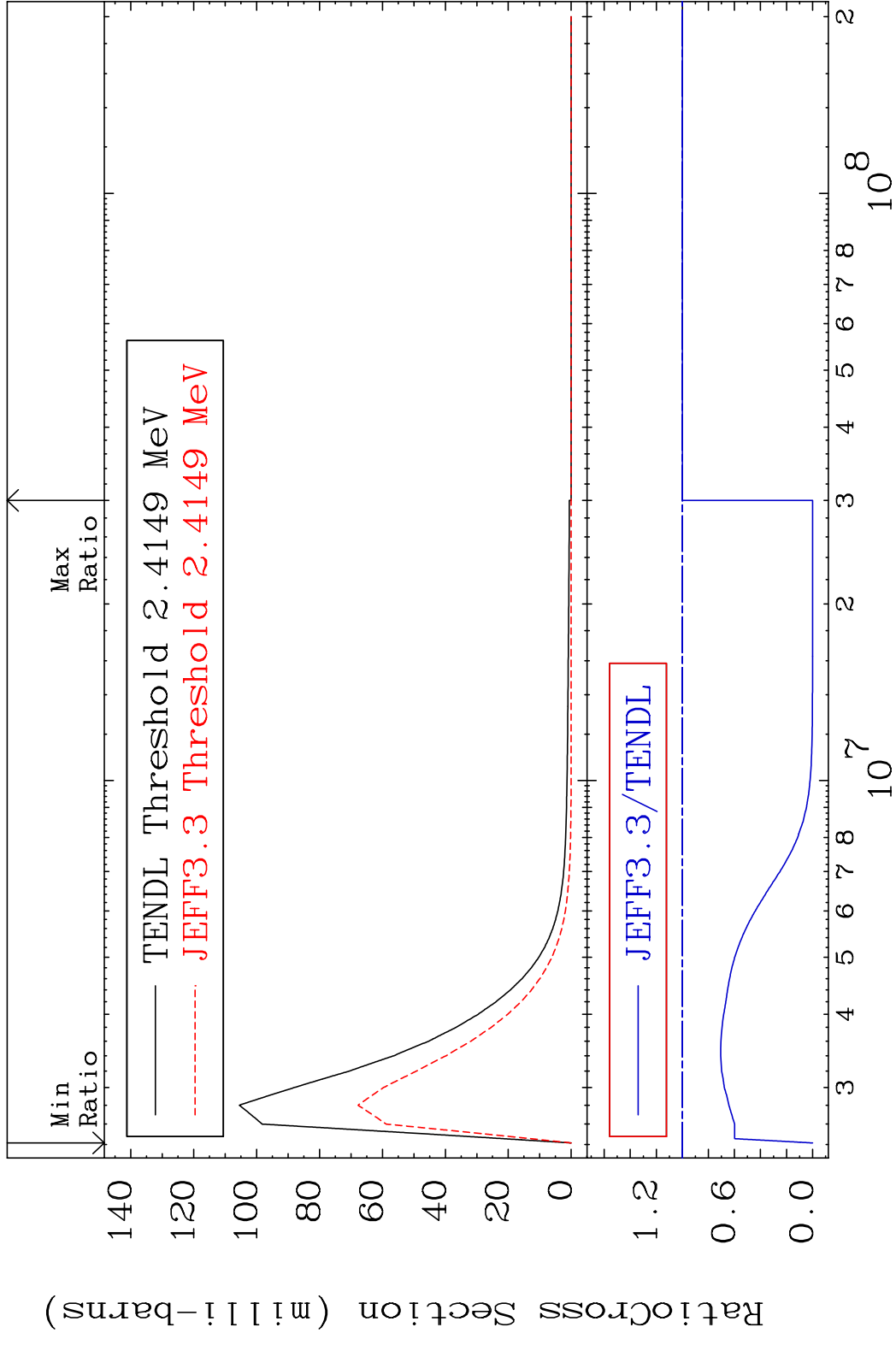
MAT 4625 MT= 64 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 3.680 %



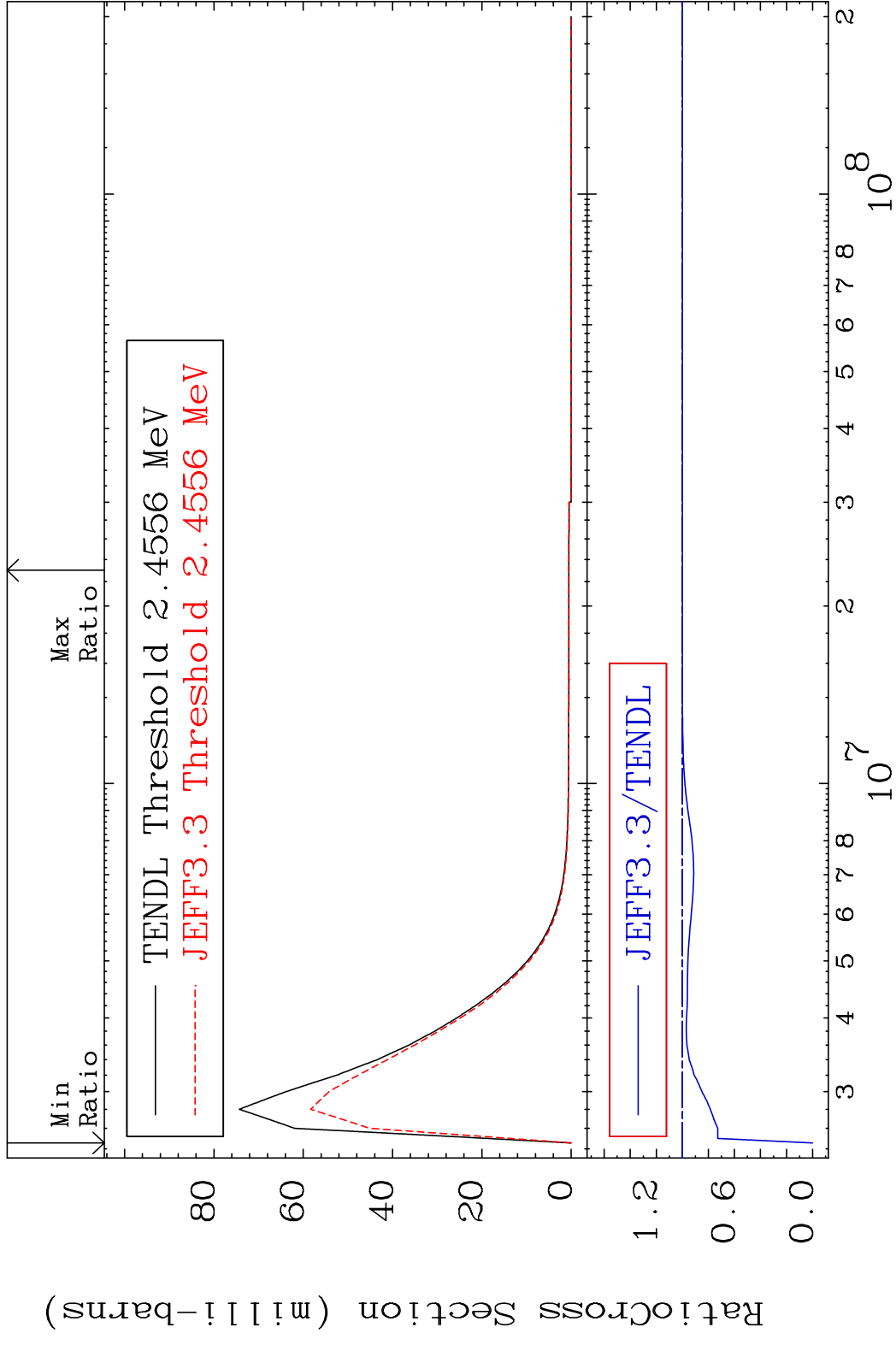
MAT 4625 MT= 65 (n,n') Level 46-Pd-102
 Cross Section -30.59 To 0.000 %



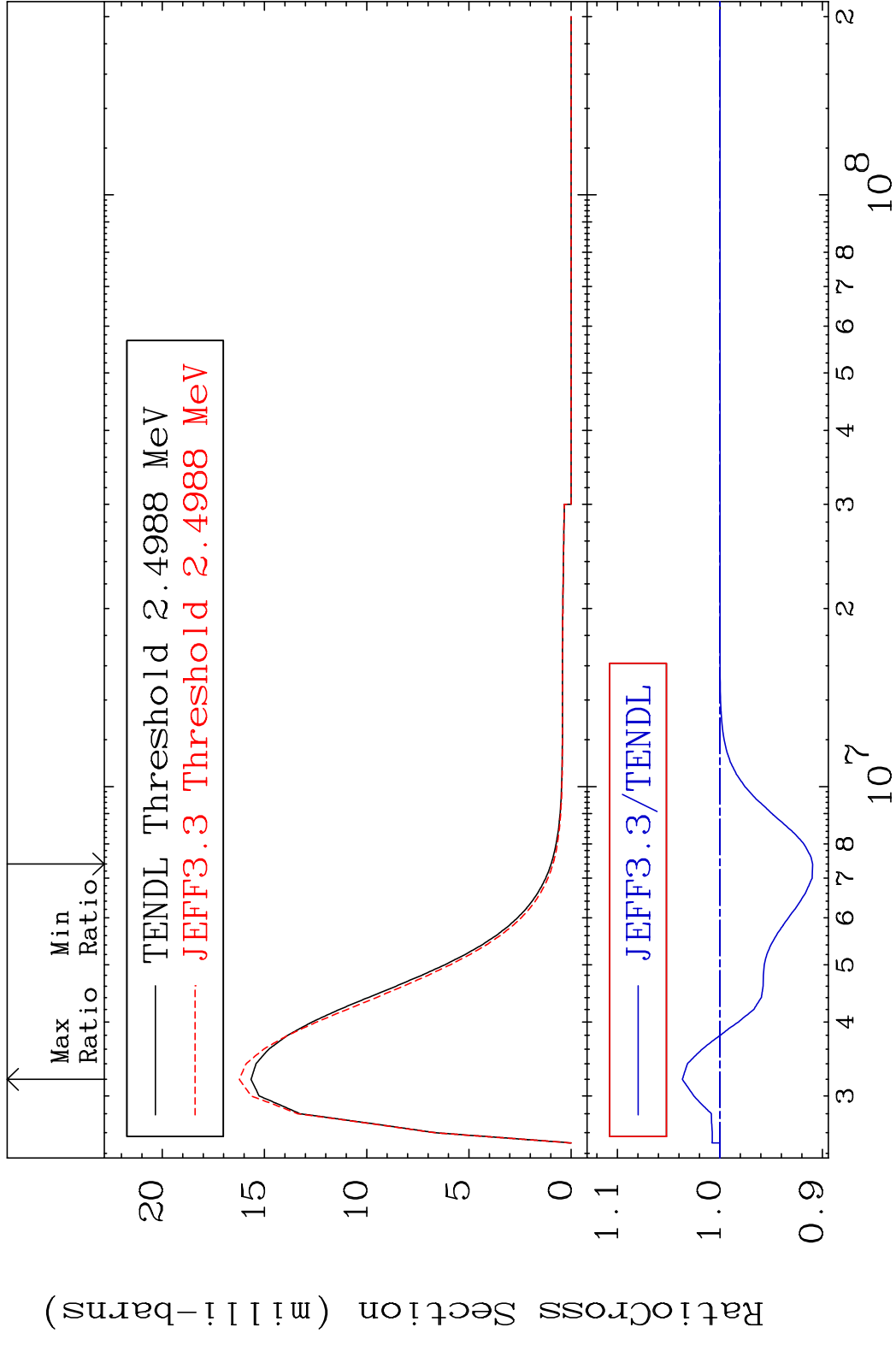
MAT 4625 MT= 66 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 0.000 %



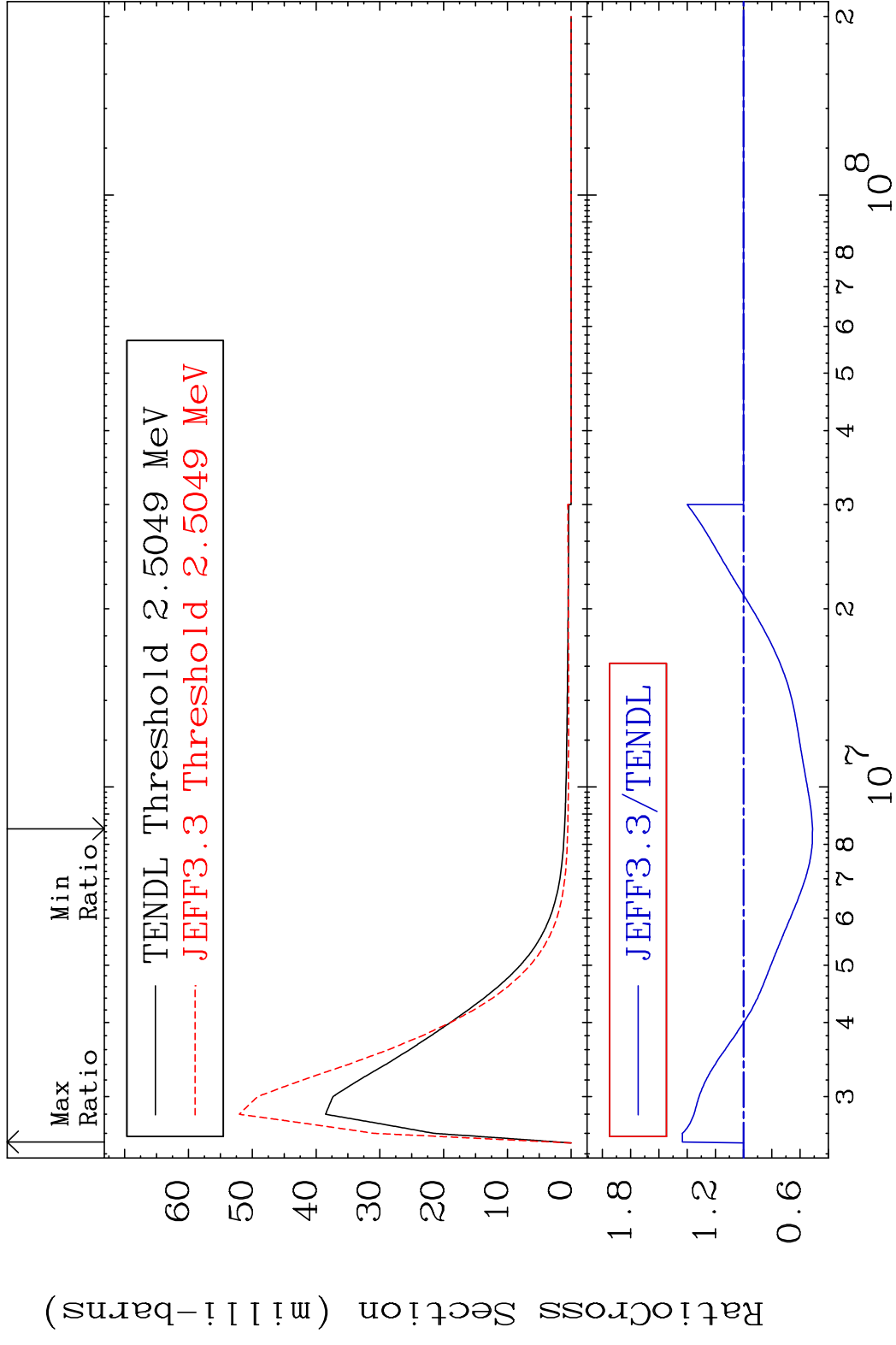
MAT 4625 MT= 67 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 0.000 %



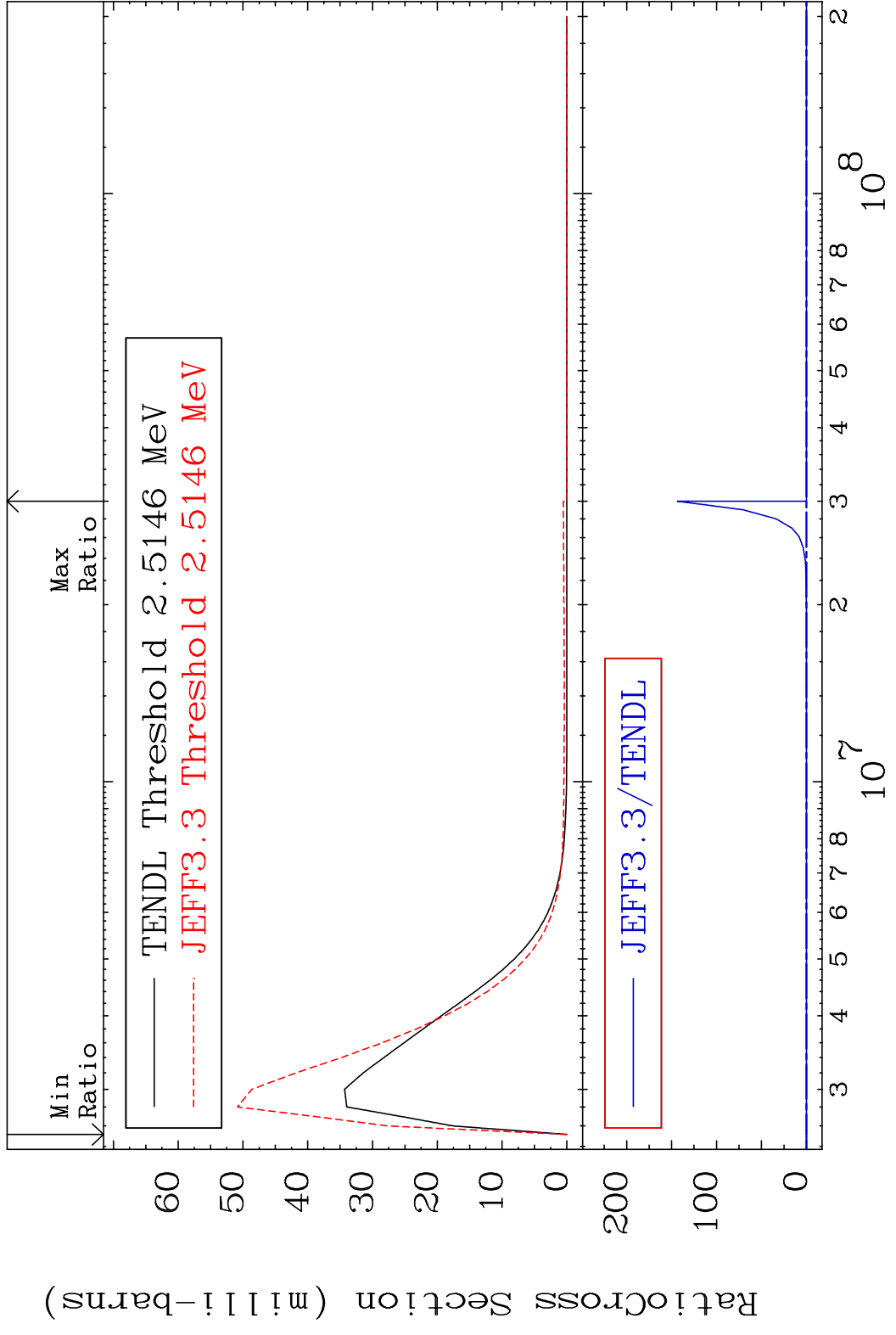
MAT 4625 MT= 68 (n, n') Level 46-Pd-102
 Cross Section -9.042 To 3.665 %



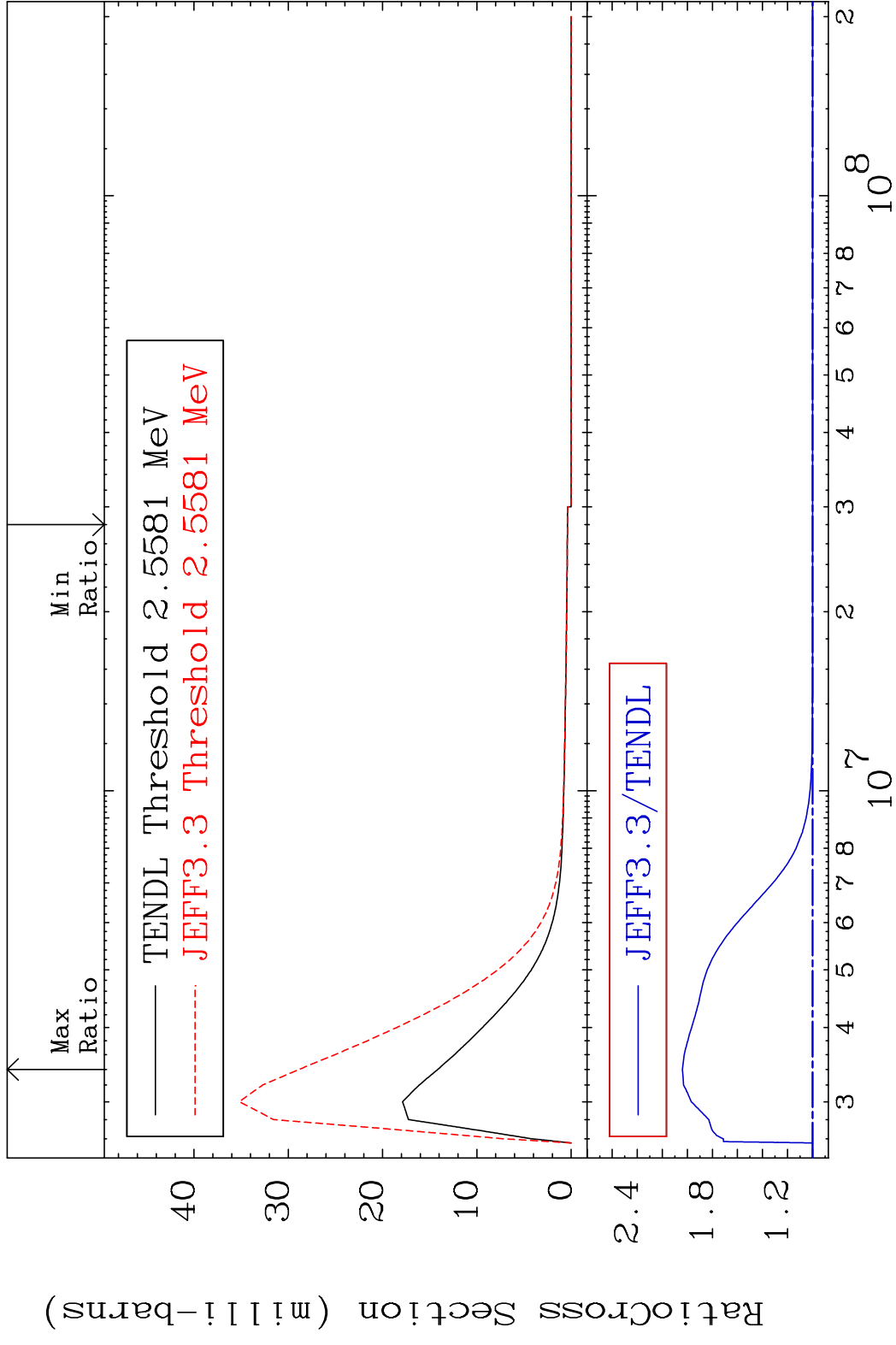
MAT 4625 MT= 69 (n,n') Level 46-Pd-102
 Cross Section -48.81 To 43.35 %



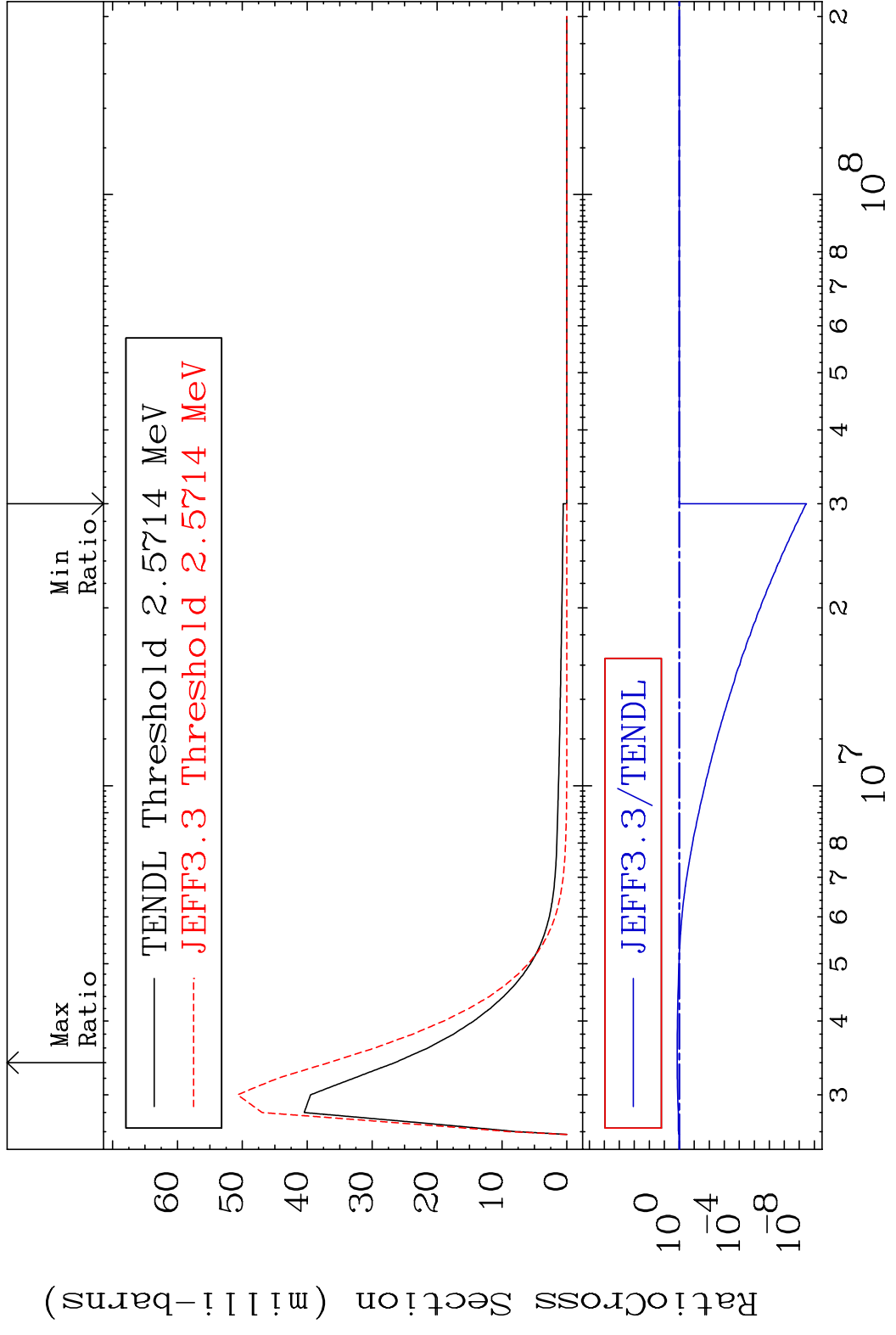
MAT 4625 MT= 70 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 9999. %



MAT 4625 MT= 71 (n, n') Level 46-Pd-102
 Cross Section 0.000 To 104.0 %

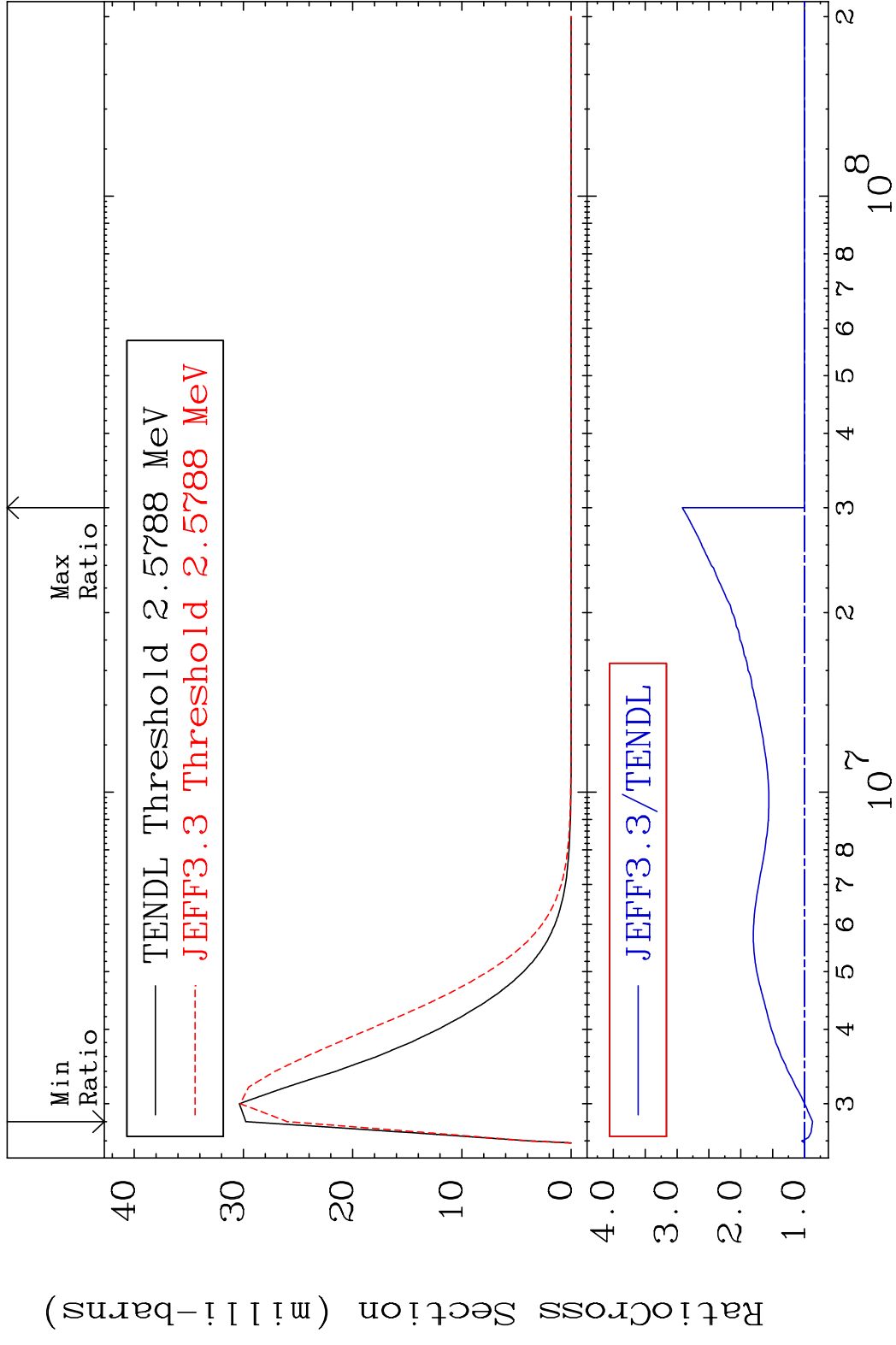


MAT 4625 MT= 72 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 38.37 %

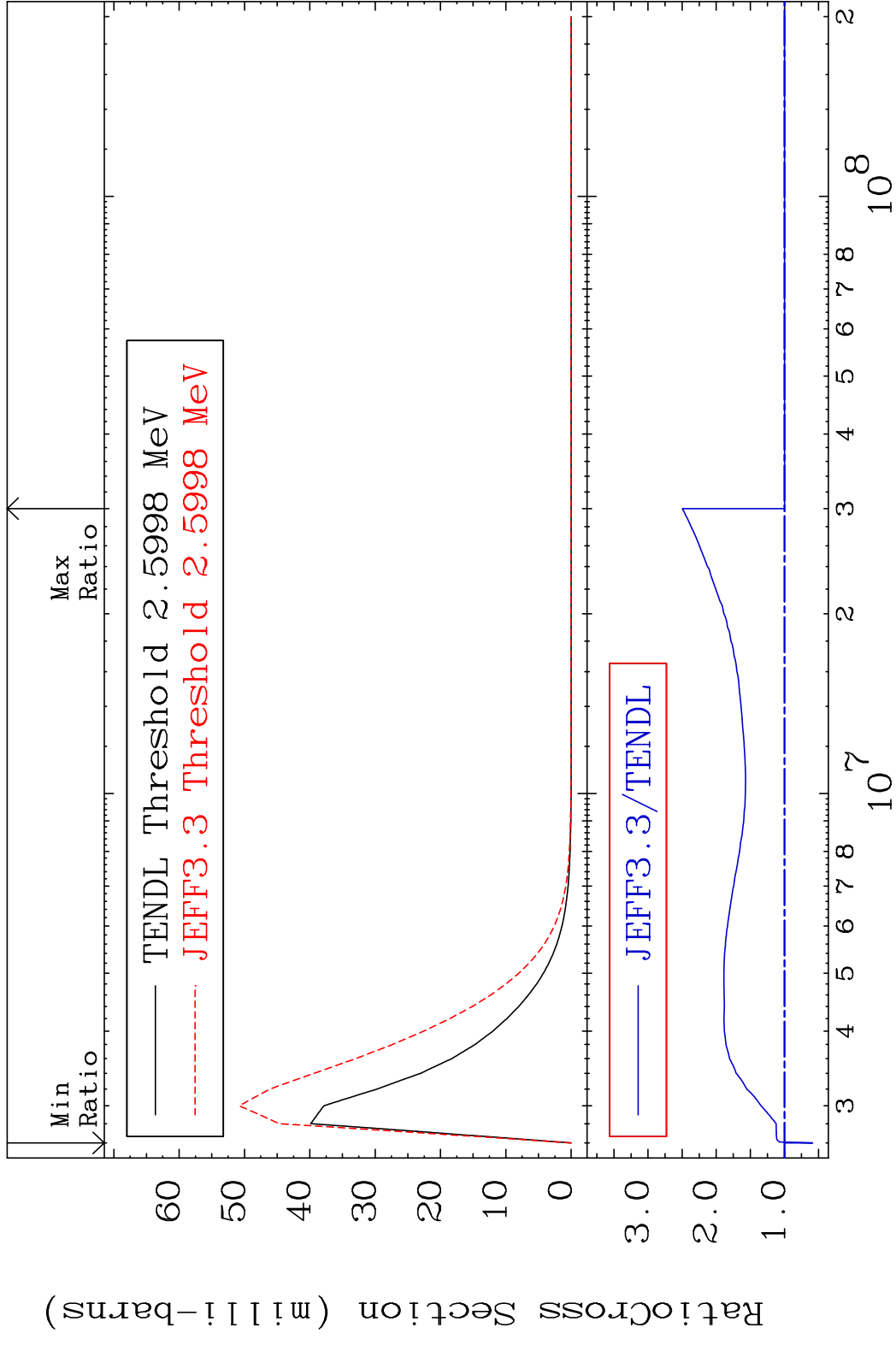


40 Incident Energy (eV) 46-Pd-102

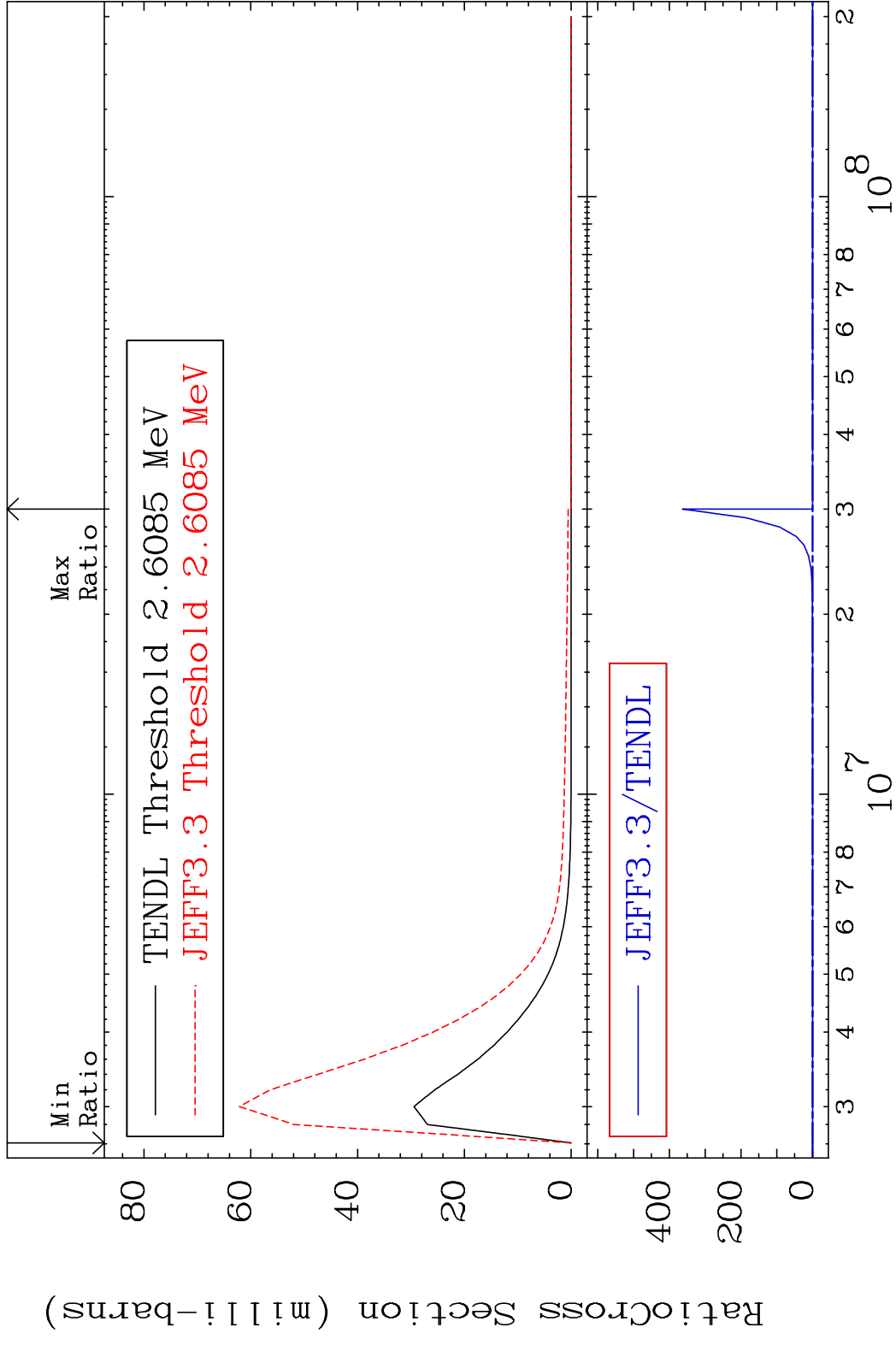
MAT 4625 MT= 73 (n, n') Level 46-Pd-102
 Cross Section -12.74 To 191.7 %



MAT 4625 MT= 74 (n,n') Level 46-Pd-102
 Cross Section -41.22 To 149.7 %

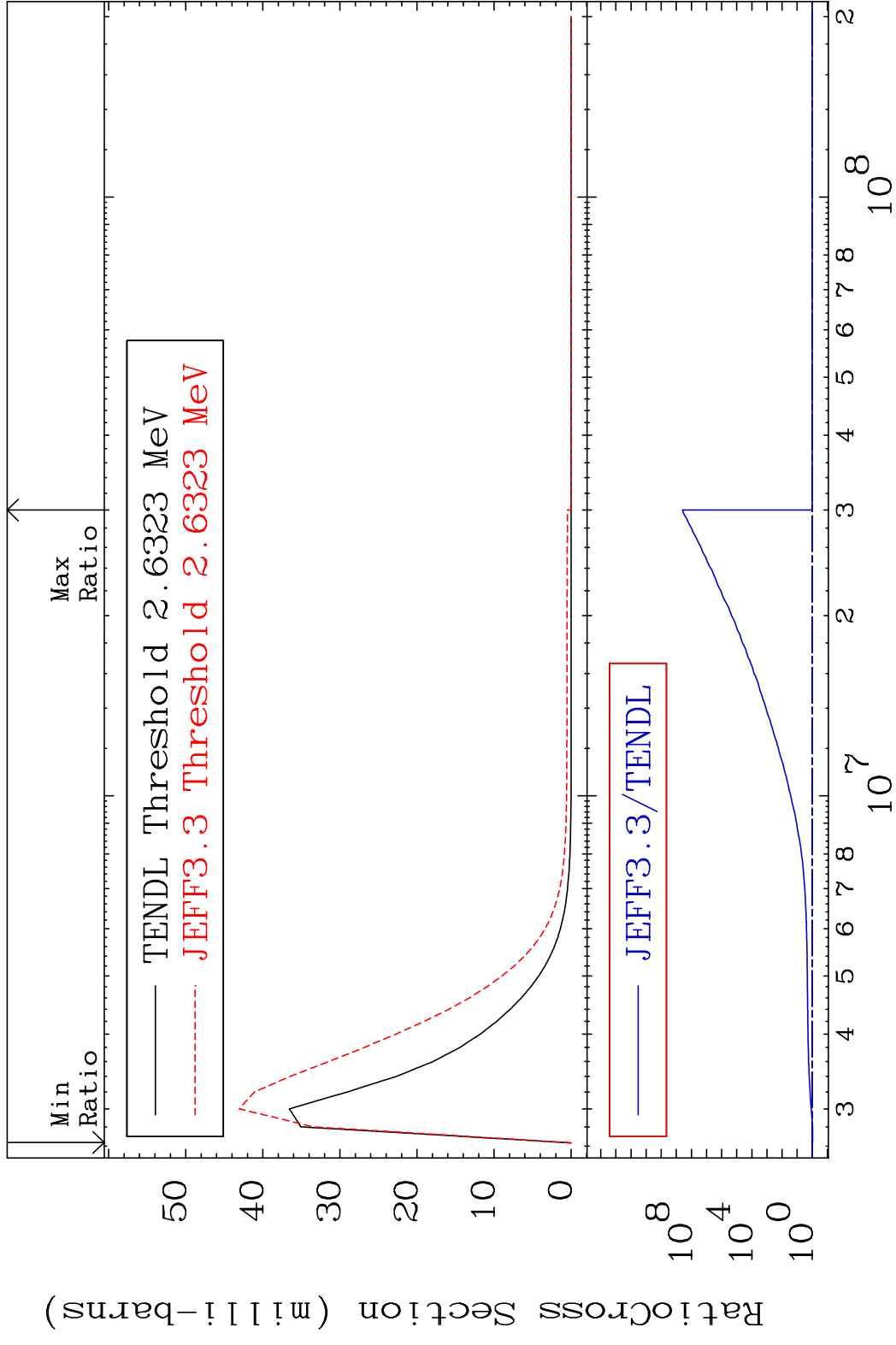


MAT 4625 MT= 75 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 9999. %

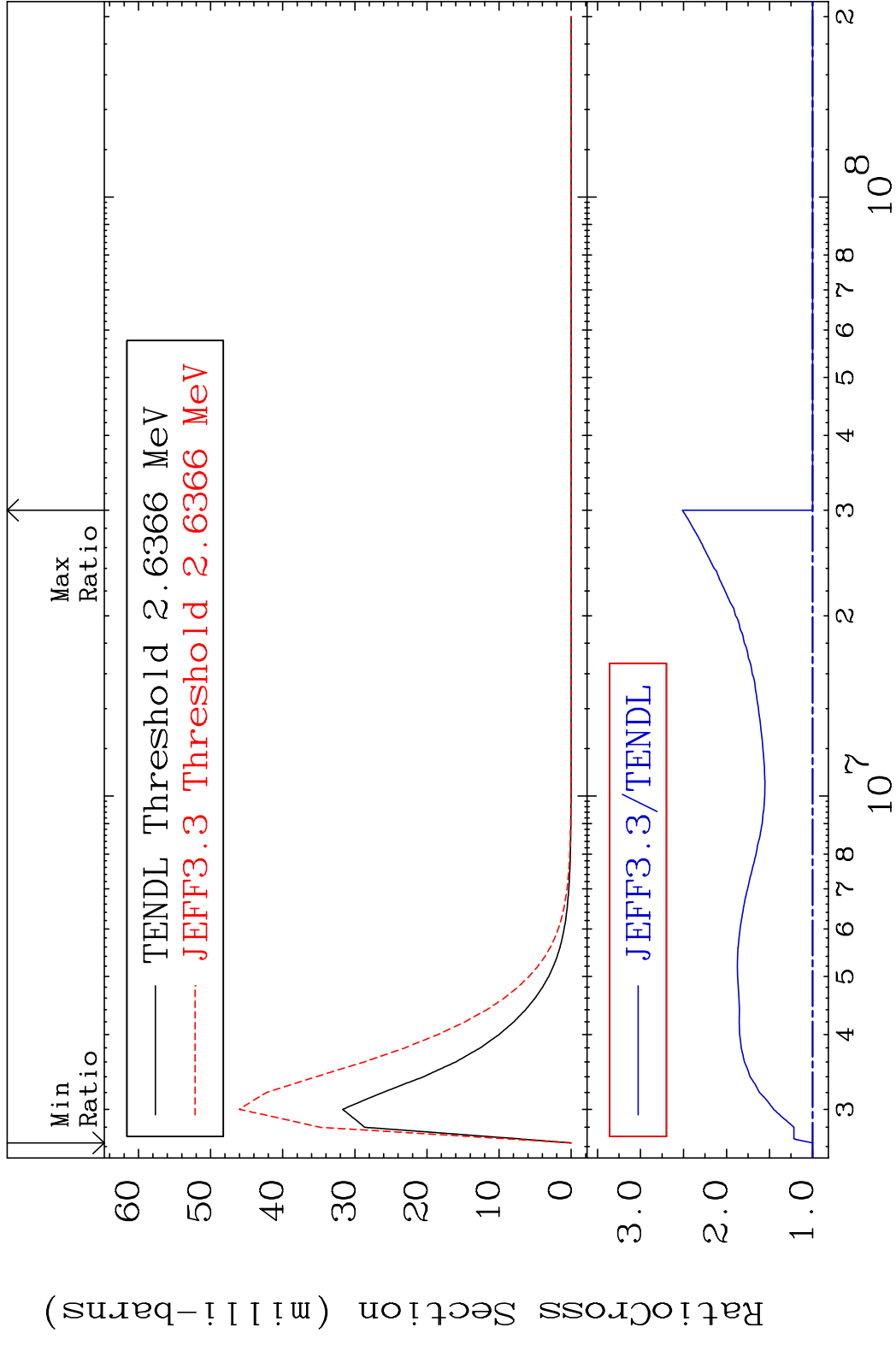


43 Incident Energy (eV) 46-Pd-102

MAT 4625 MT= 76 (n,n') Level 46-Pd-102
 Cross Section -4.435 To 9999. %

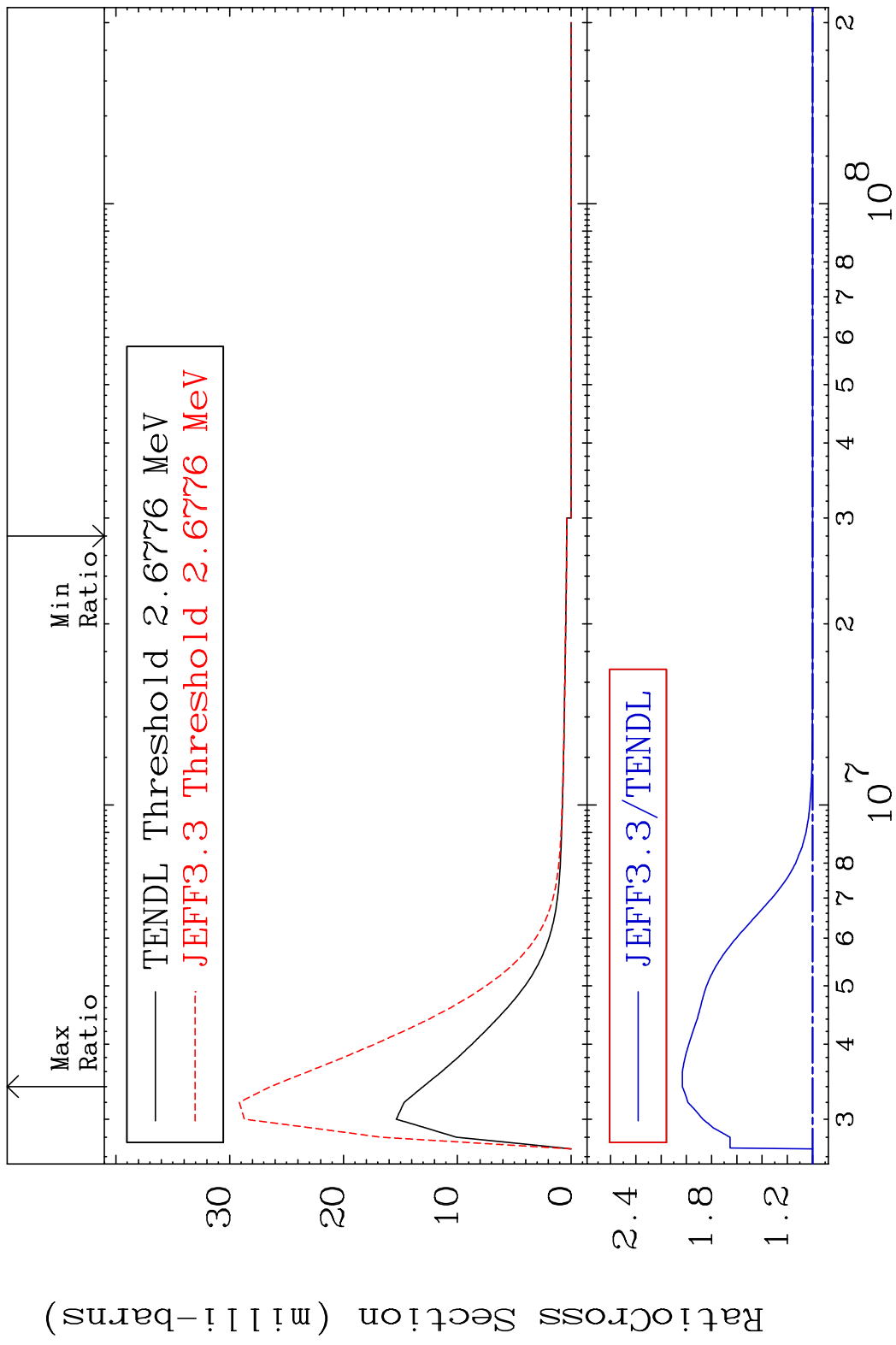


MAT 4625 MT= 77 (n, n') Level 46-Pd-102
 Cross Section 0.000 To 151.4 %



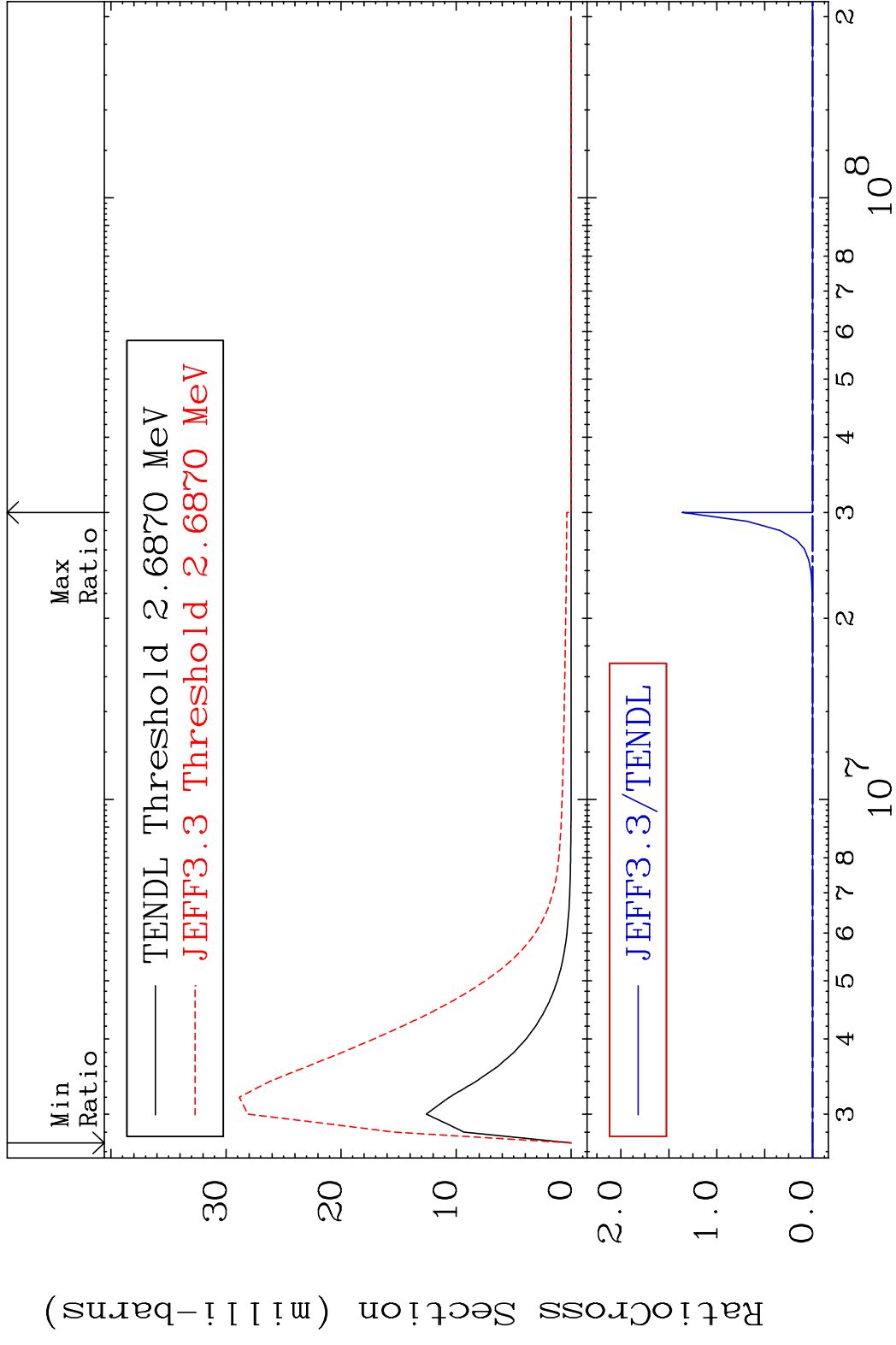
45 Incident Energy (eV) 46-Pd-102

MAT 4625 MT= 78 (n, n') Level 46-Pd-102
 Cross Section 0.000 To 103.2 %

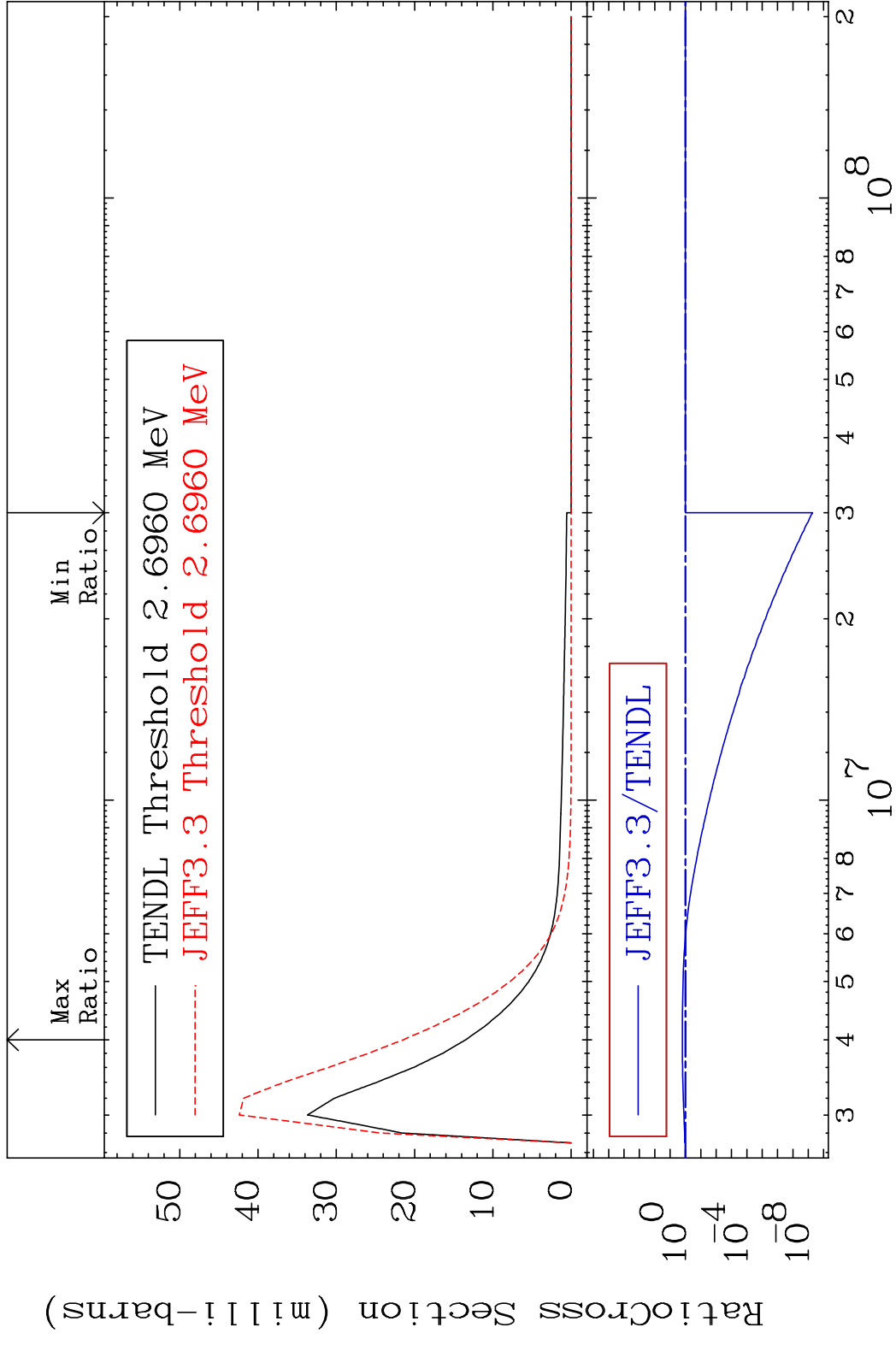


46 Incident Energy (eV) 46-Pd-102

MAT 4625 MT= 79 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 9999. %



MAT 4625 MT= 80 (n, n') Level 46-Pd-102
 Cross Section -100.0 To 59.22 %



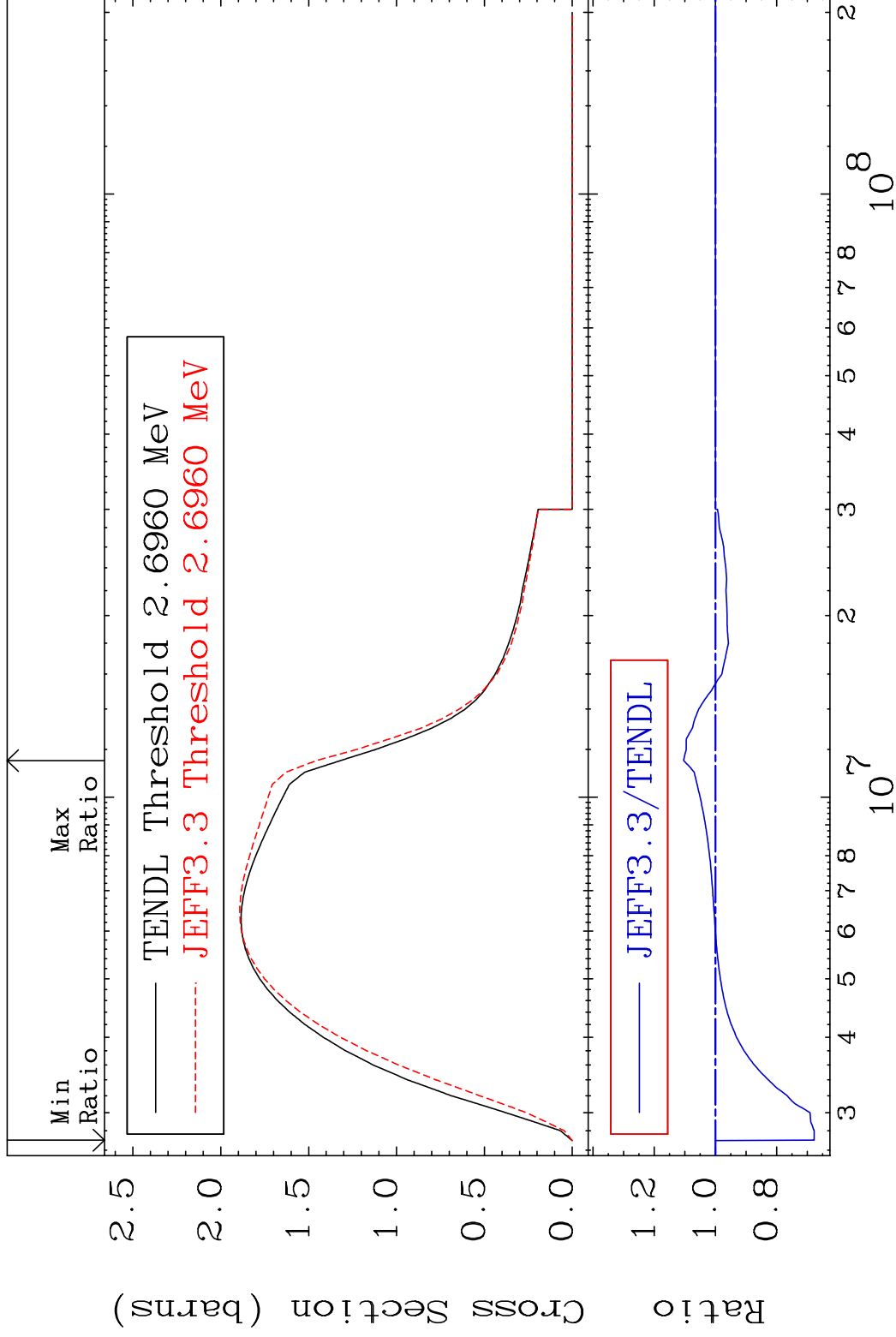
48 Incident Energy (eV) 46-Pd-102

MAT 4625

(n, n') Continuum

46-Pd-102

Cross Section -32.19 To 10.42 %



49

Incident Energy (eV)

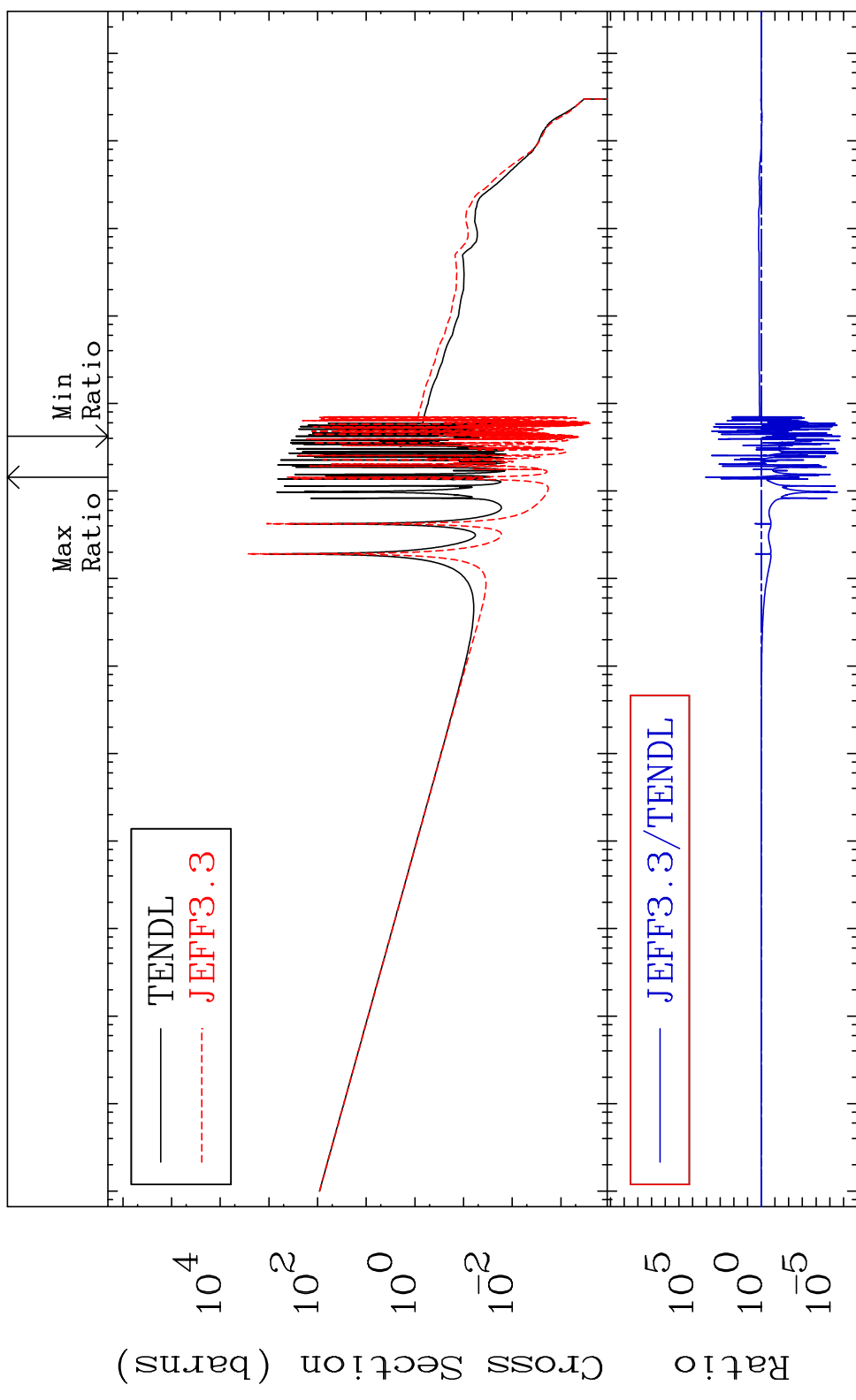
46-Pd-102

MAT 4625

(n, γ)

46-Pd-102

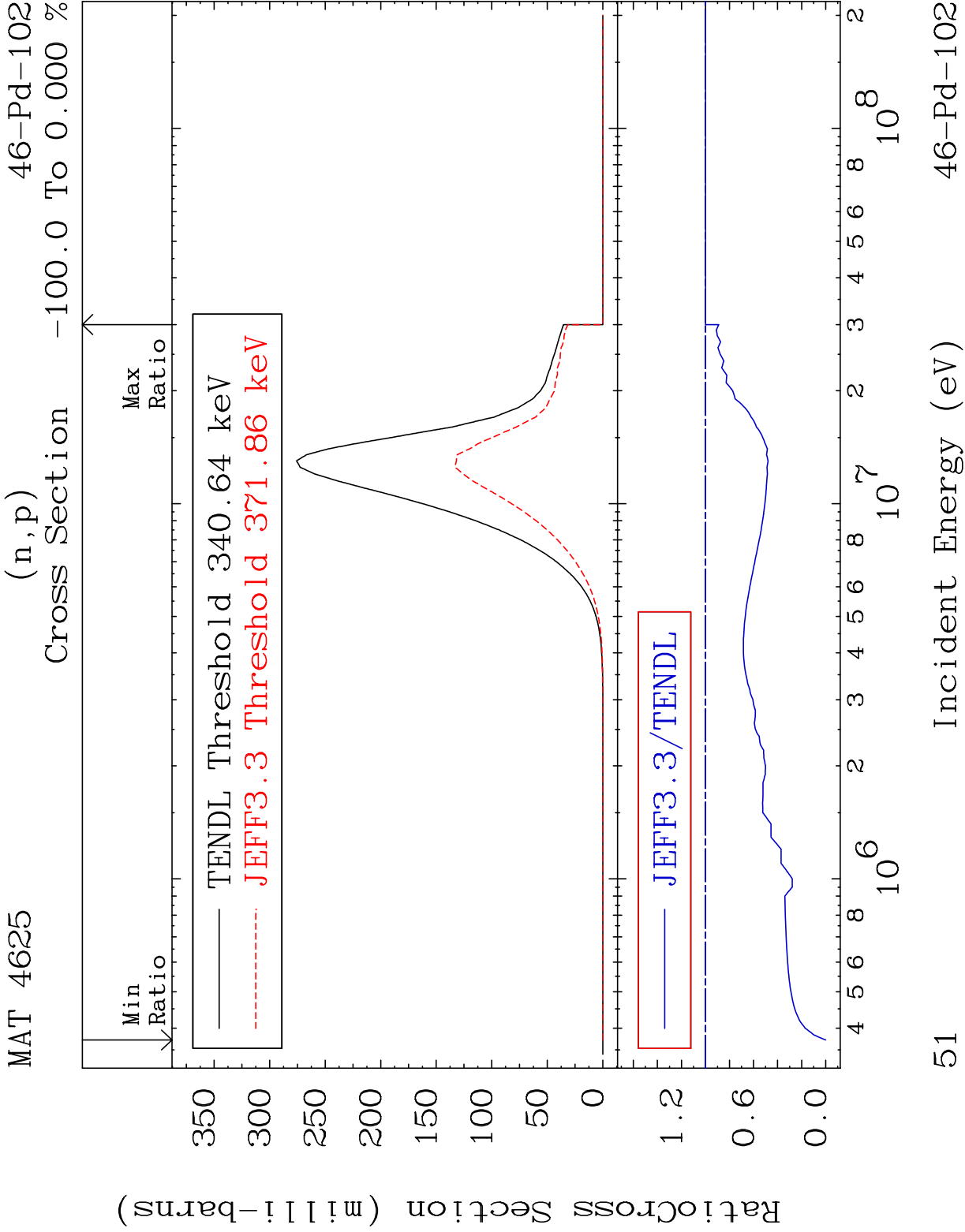
Cross Section -100.0 To 9999. %



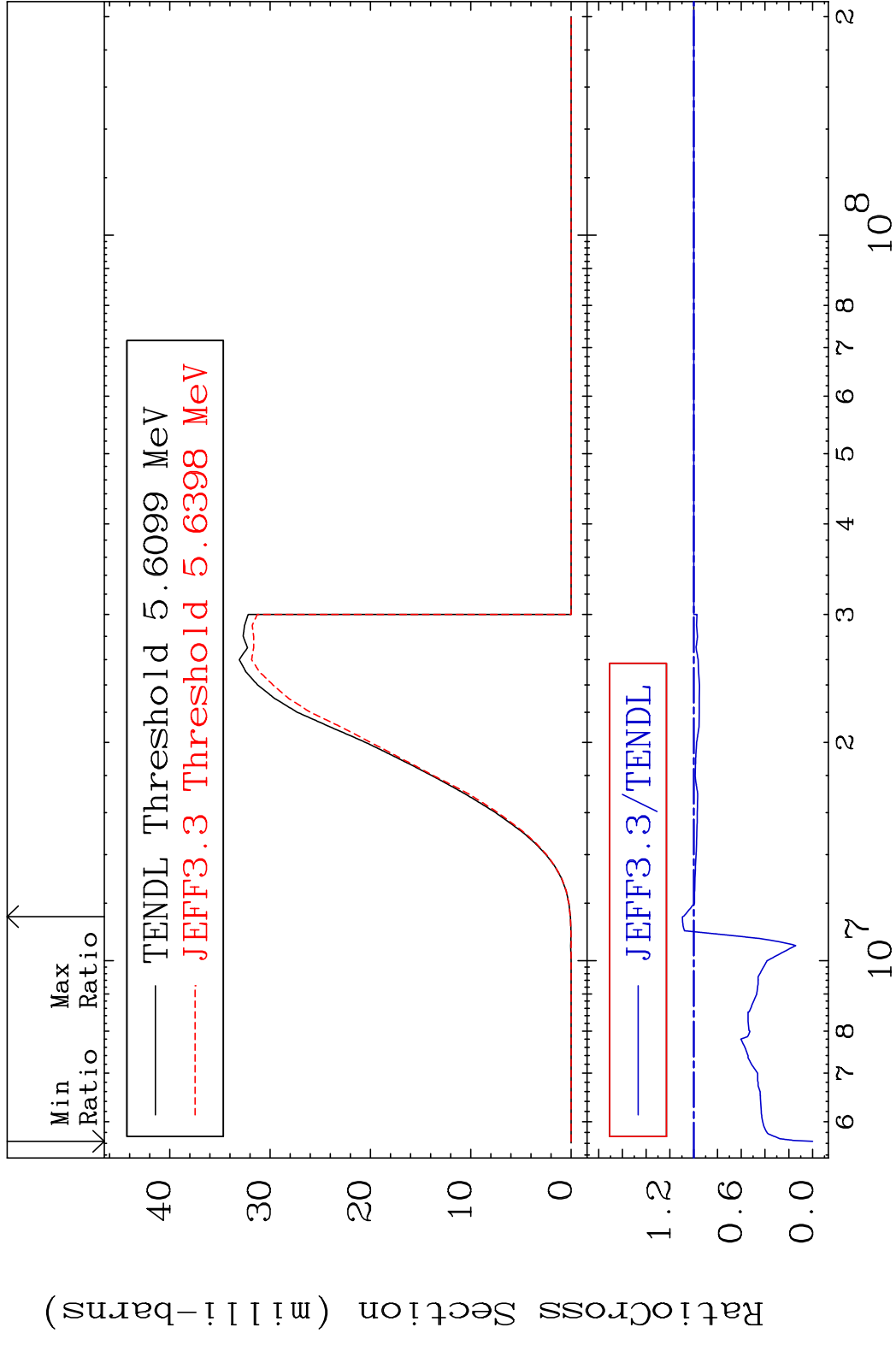
50

Incident Energy (eV)

46-Pd-102



MAT 4625 (n,d) 46-Pd-102
 Cross Section -100.0 To 9.556 %

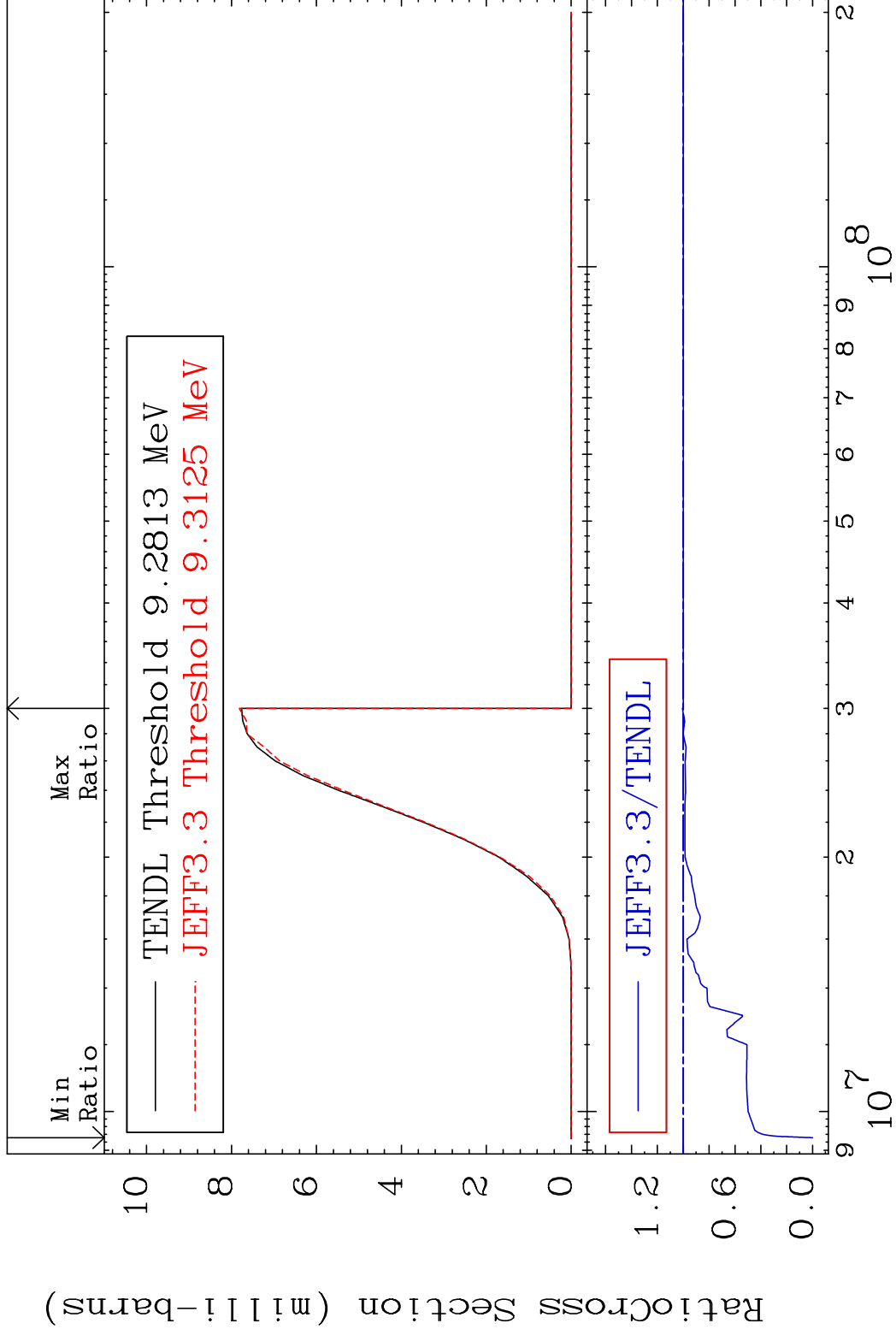


MAT 4625

(n, t)

46-Pd-102

Cross Section -100.0 To 0.681 %



53

Incident Energy (eV)

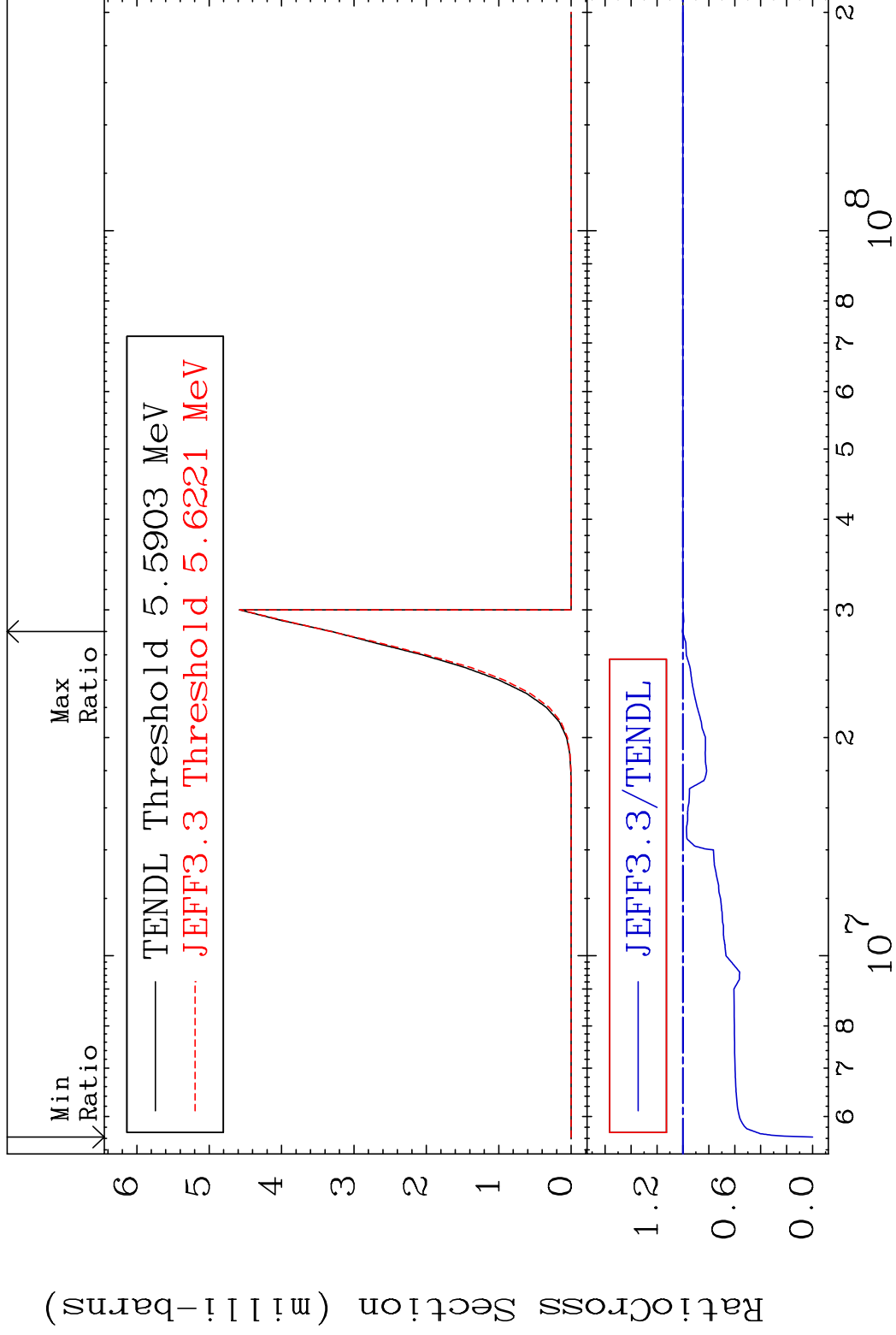
46-Pd-102

MAT 4625

(n, He-3)

46-Pd-102

Cross Section -100.0 To 0.419 %



54

Incident Energy (eV)

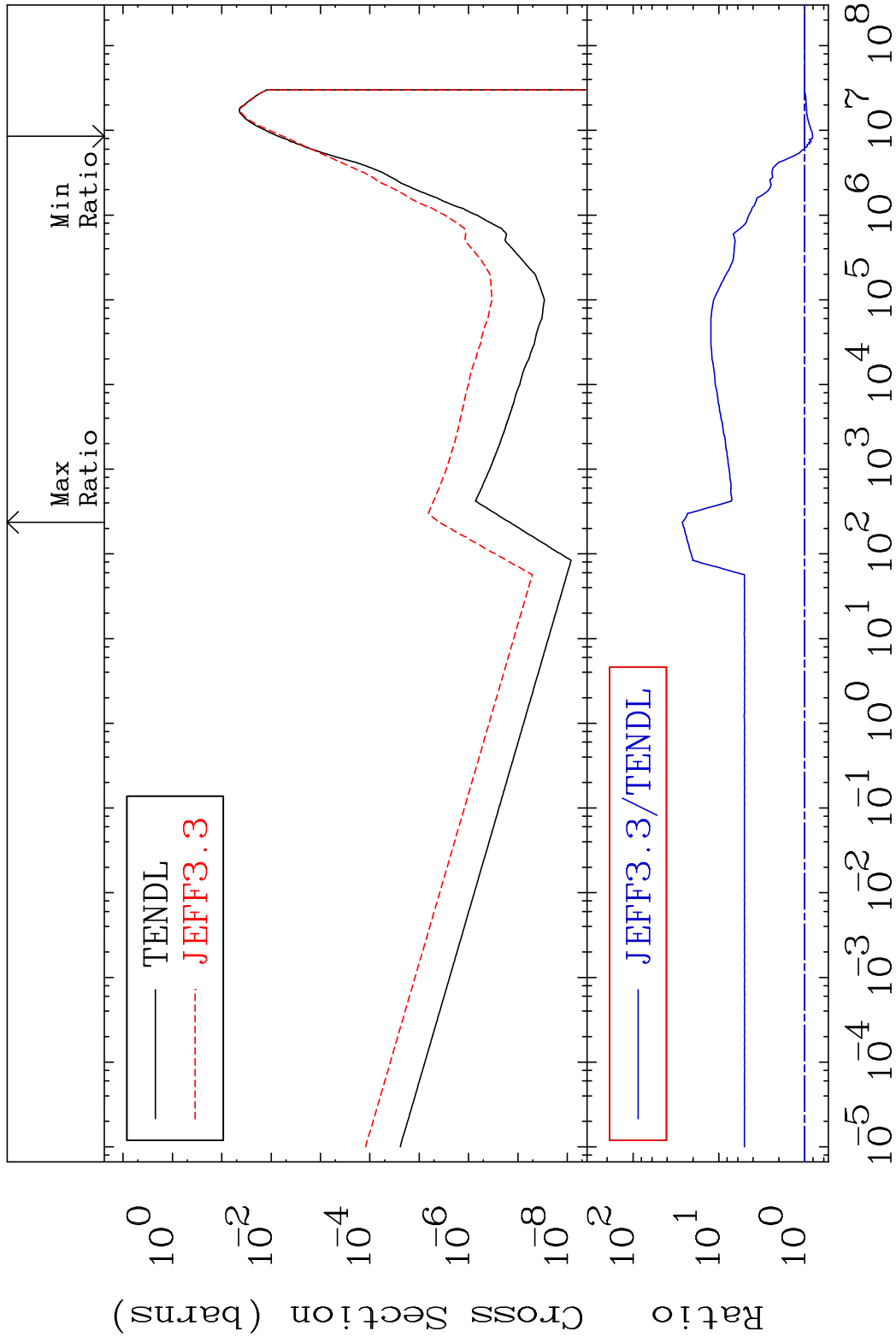
46-Pd-102

MAT 4625

46-Pd-102

(n, α)

Cross Section -19.12 To 2562. %



55

Incident Energy (eV)

46-Pd-102

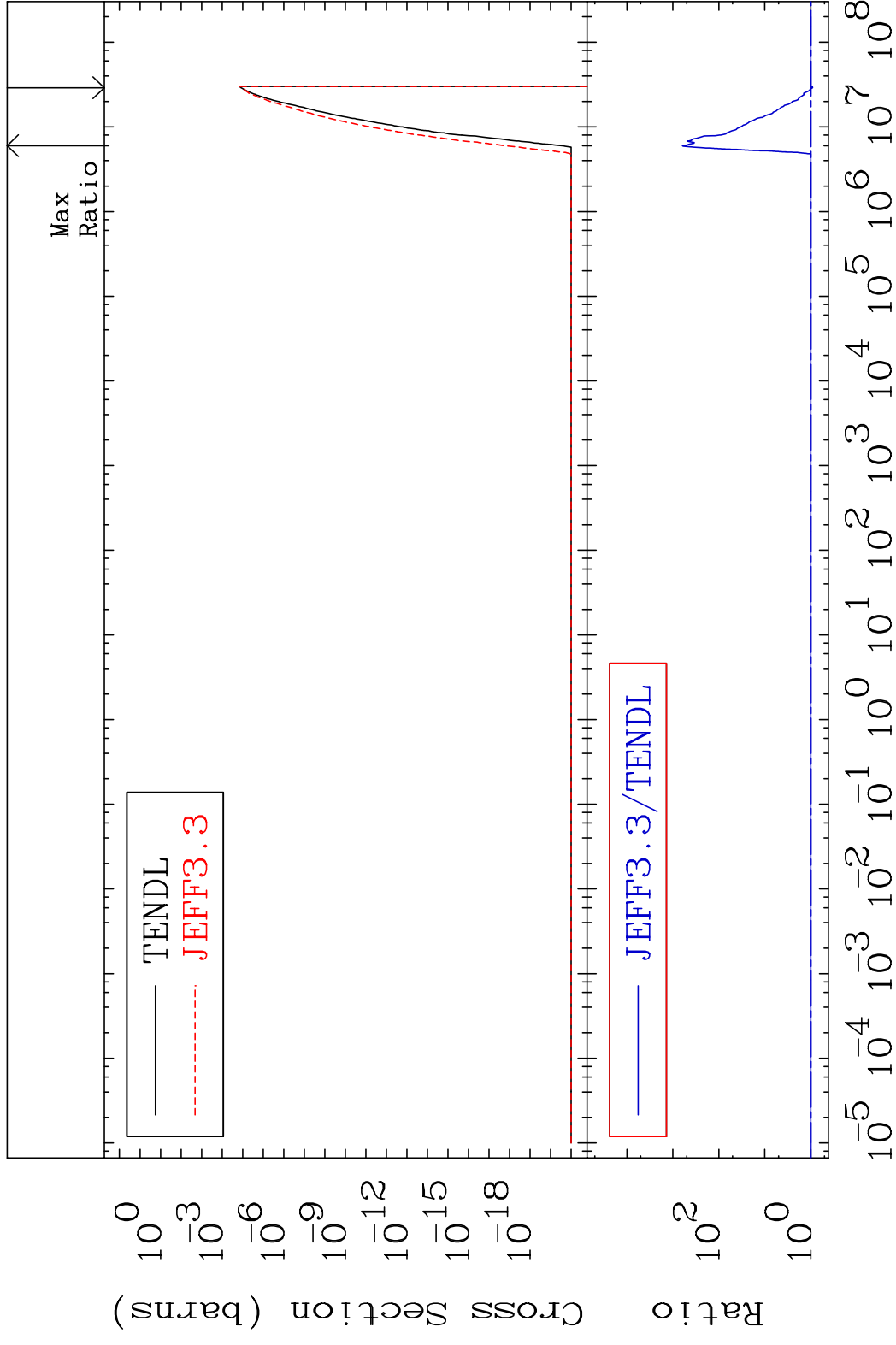
MAT 4625

(n, 2α)

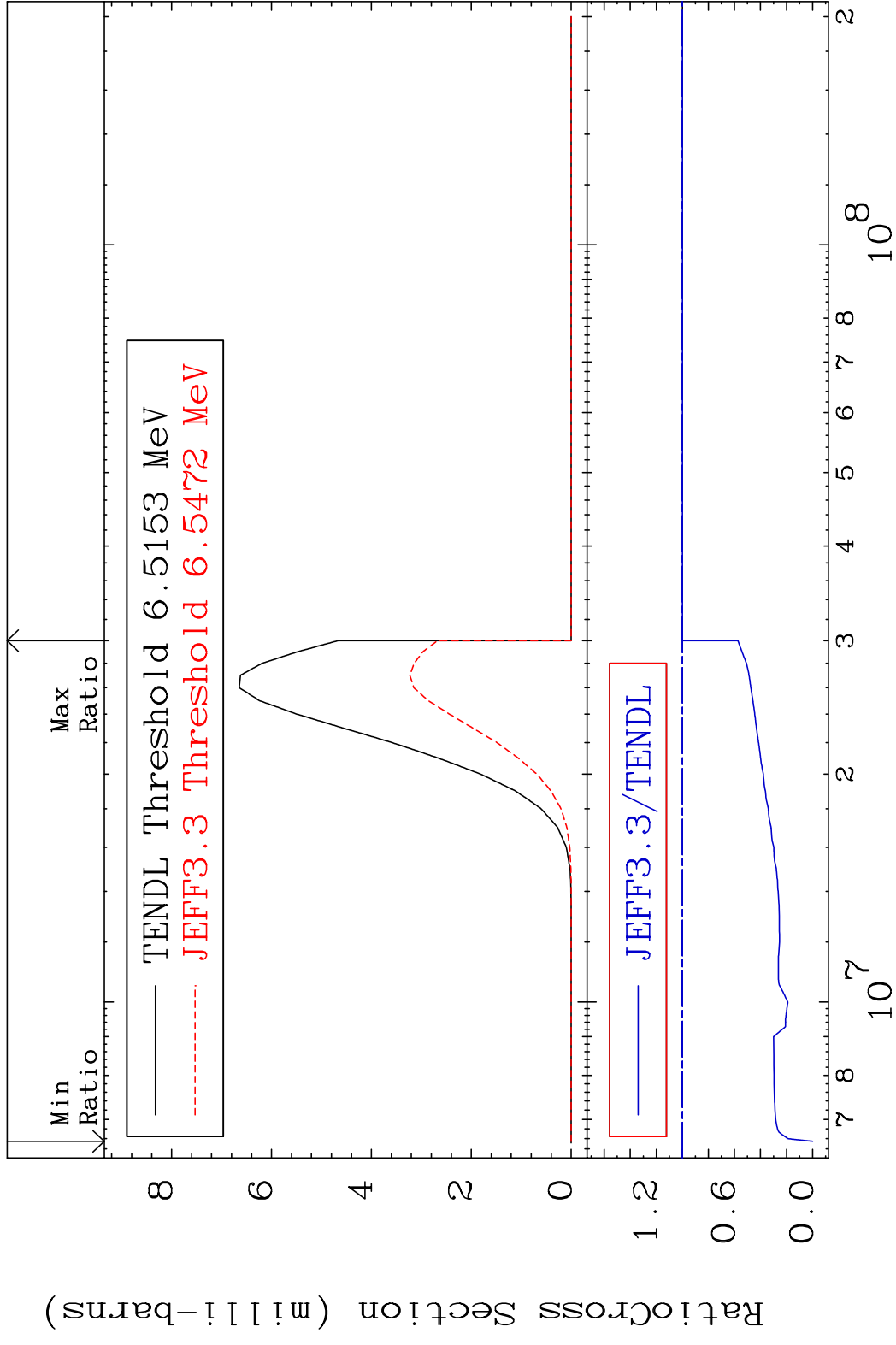
46-Pd-102

Cross Section

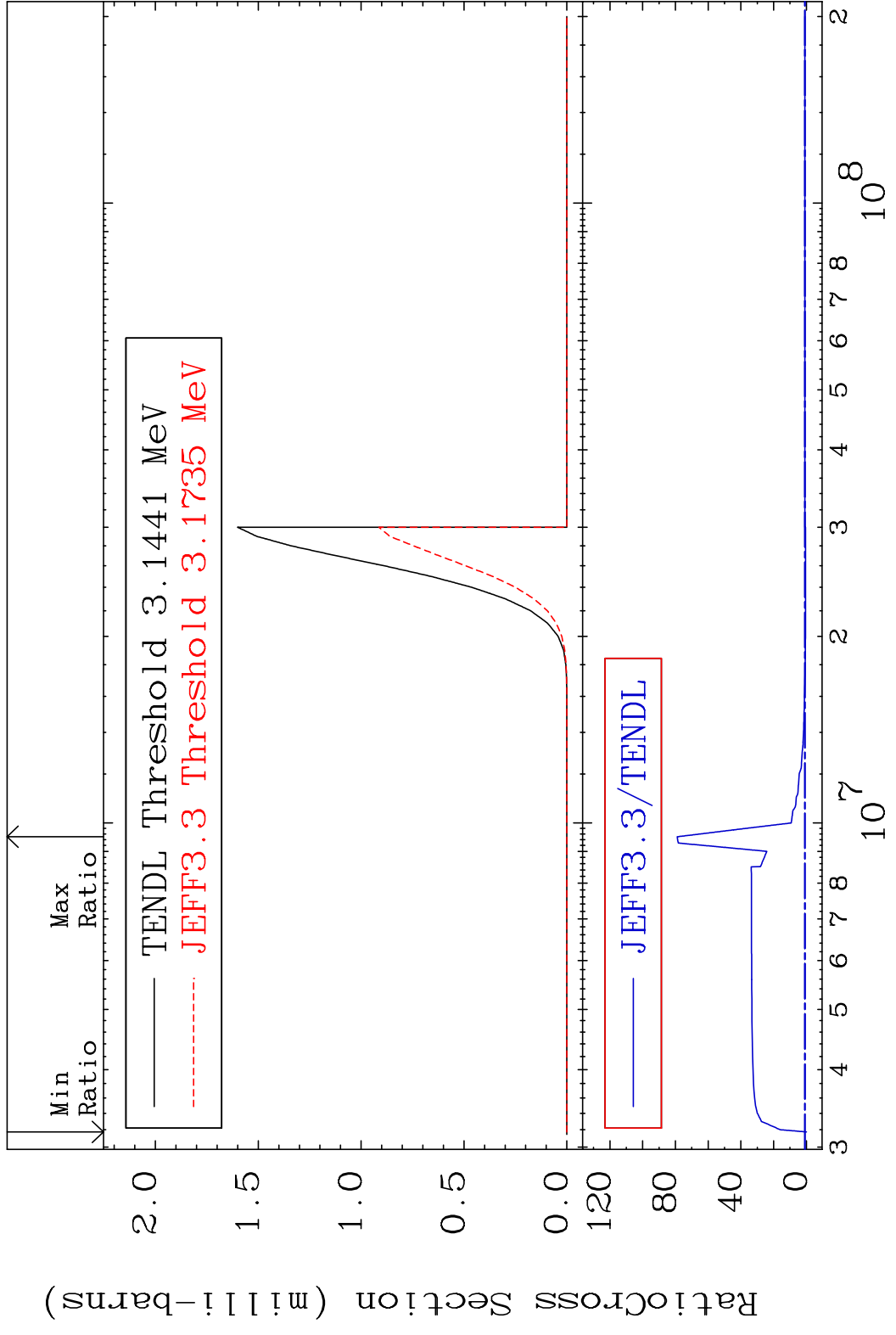
-8.838 To 9999. %



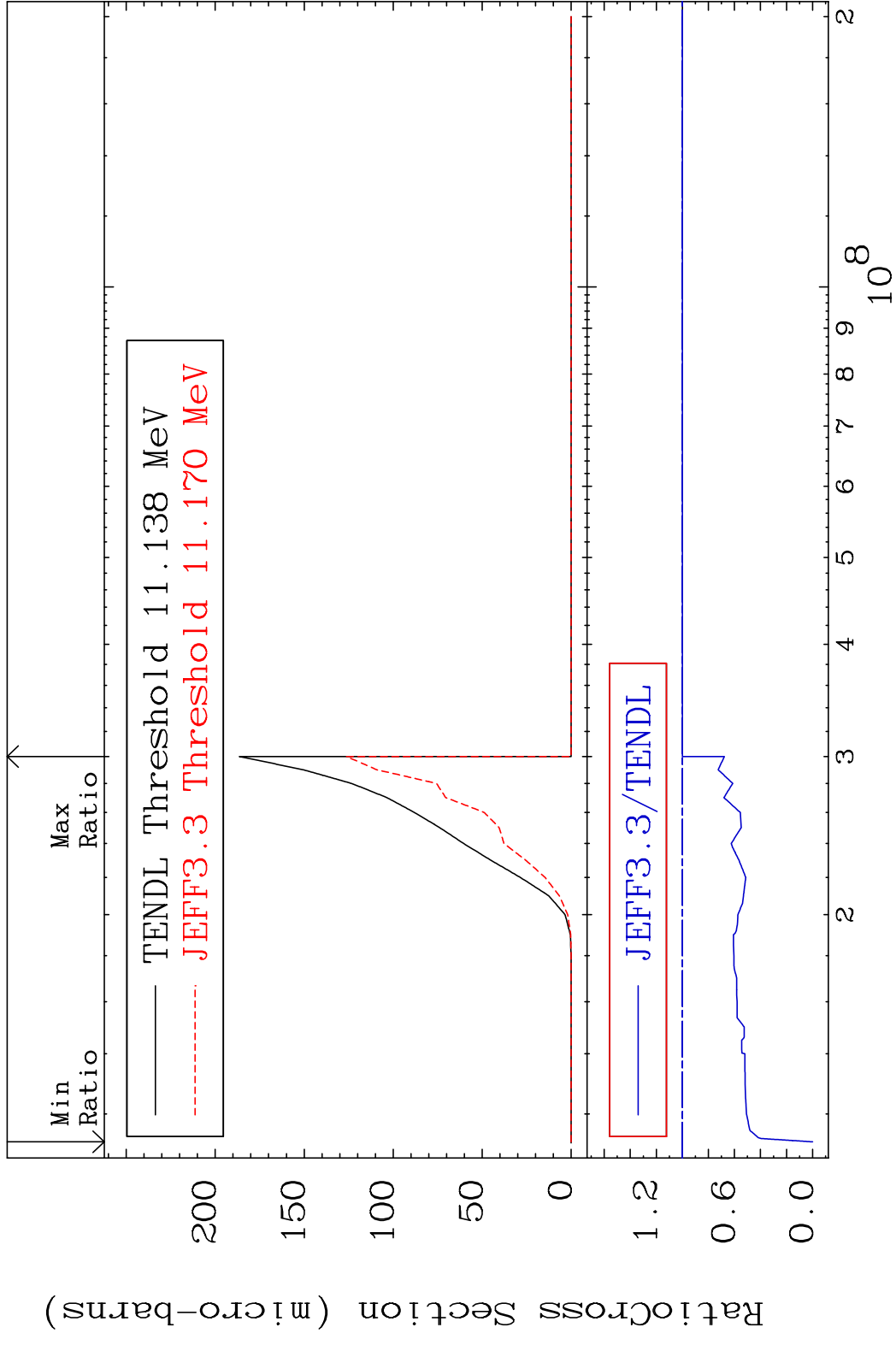
MAT 4625 (n,2p) 46-Pd-102
 Cross Section -100.0 To 0.000 %



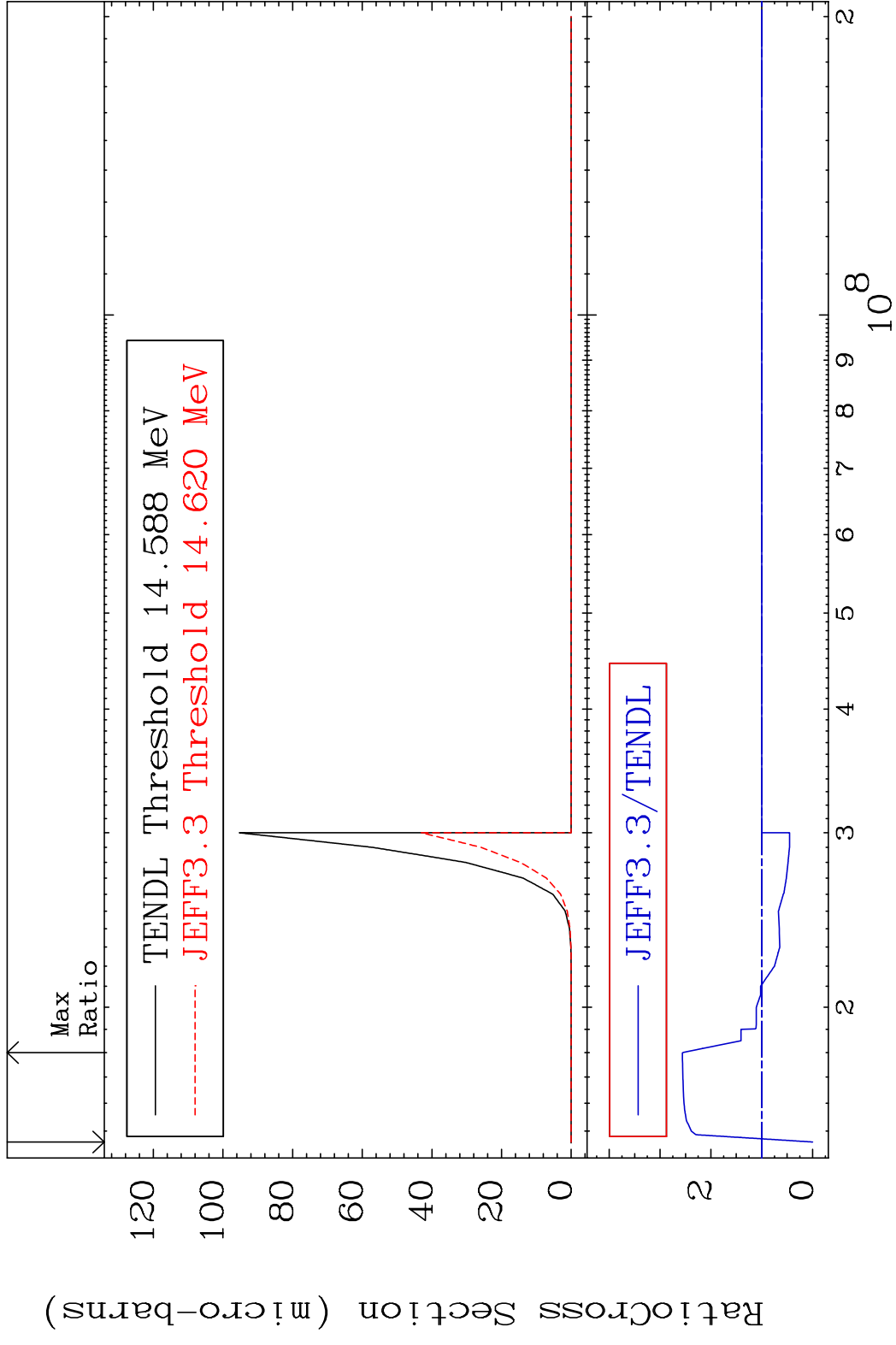
MAT 4625 (n,p) α 46-Pd-102
 Cross Section -100.0 To 7793. %



MAT 4625 (n,p) d 46-Pd-102
 Cross Section -100.0 To 0.000 %

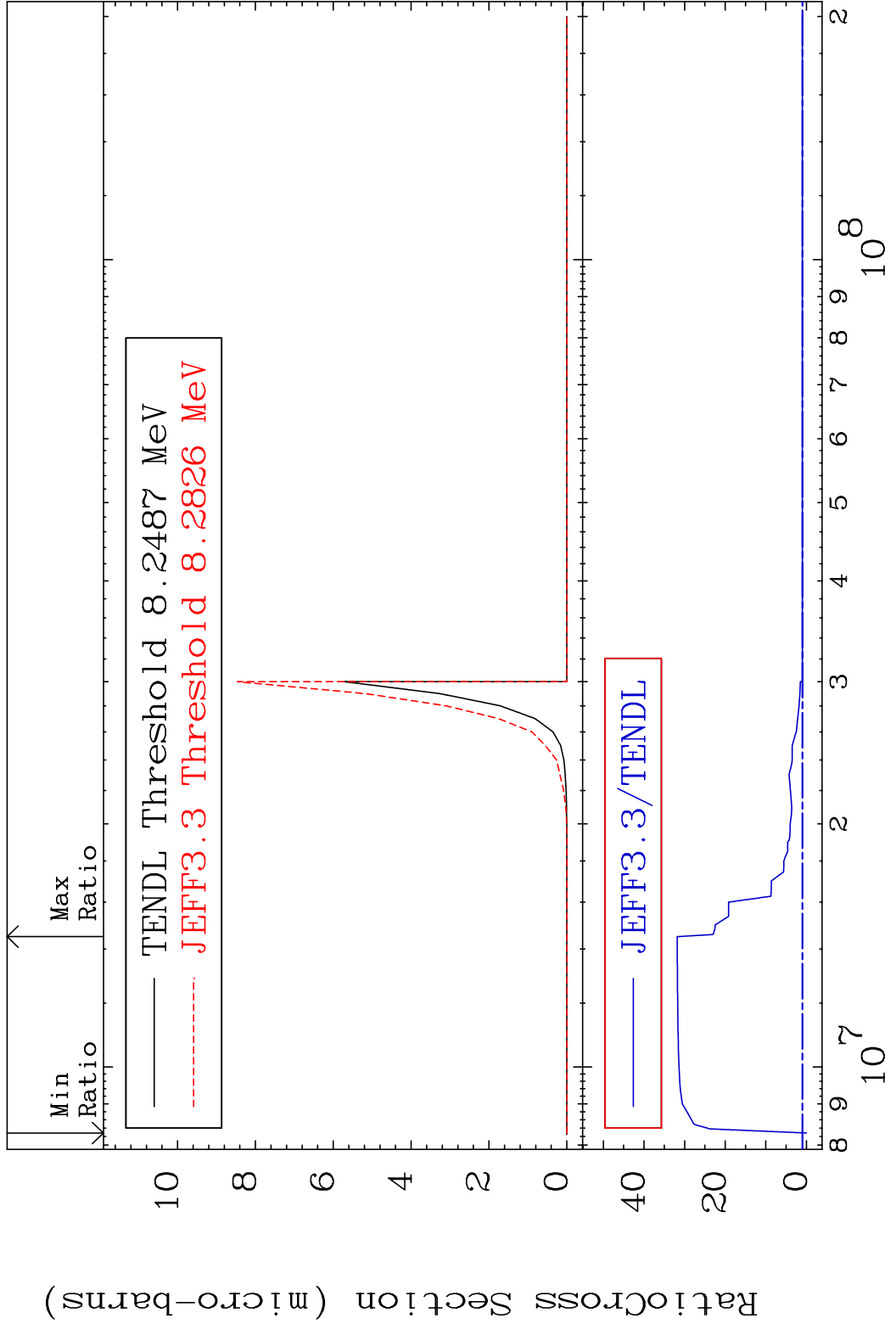


MAT 4625 (n,p) t 46-Pd-102
 Cross Section -100.0 To 156.2 %

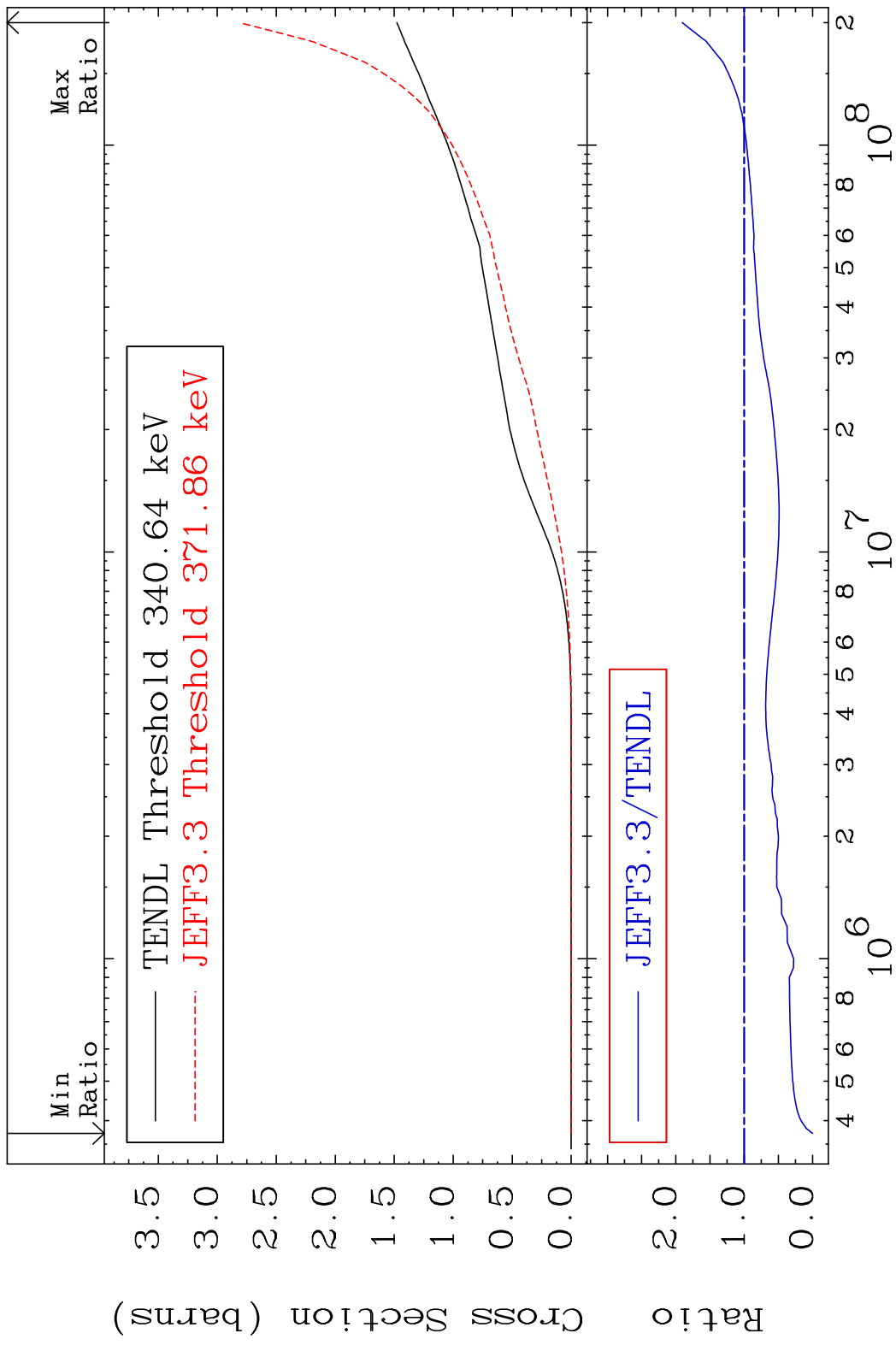


60 46-Pd-102

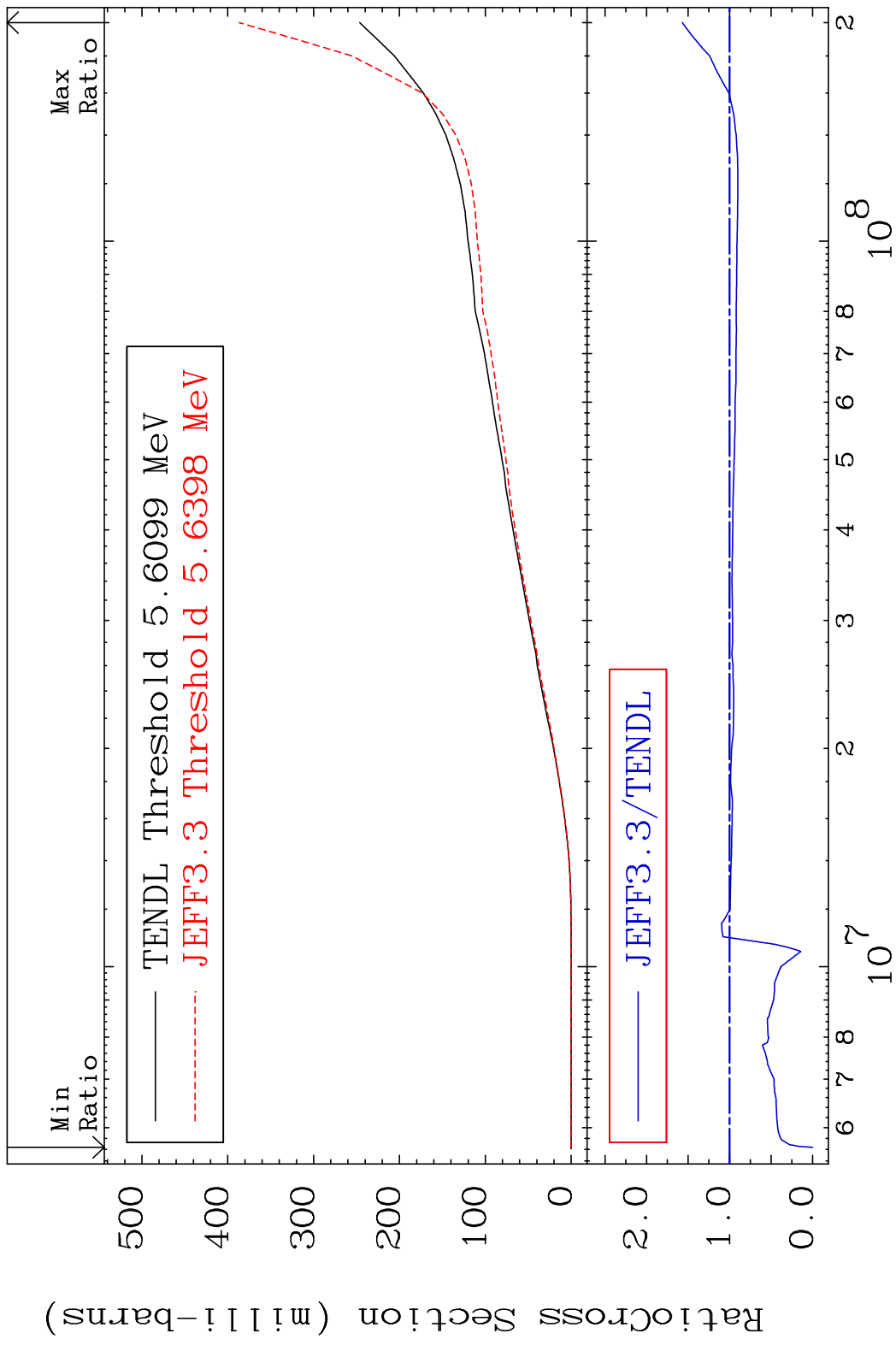
MAT 4625 (n,d) α 46-Pd-102
 Cross Section -100.0 To 3082. %



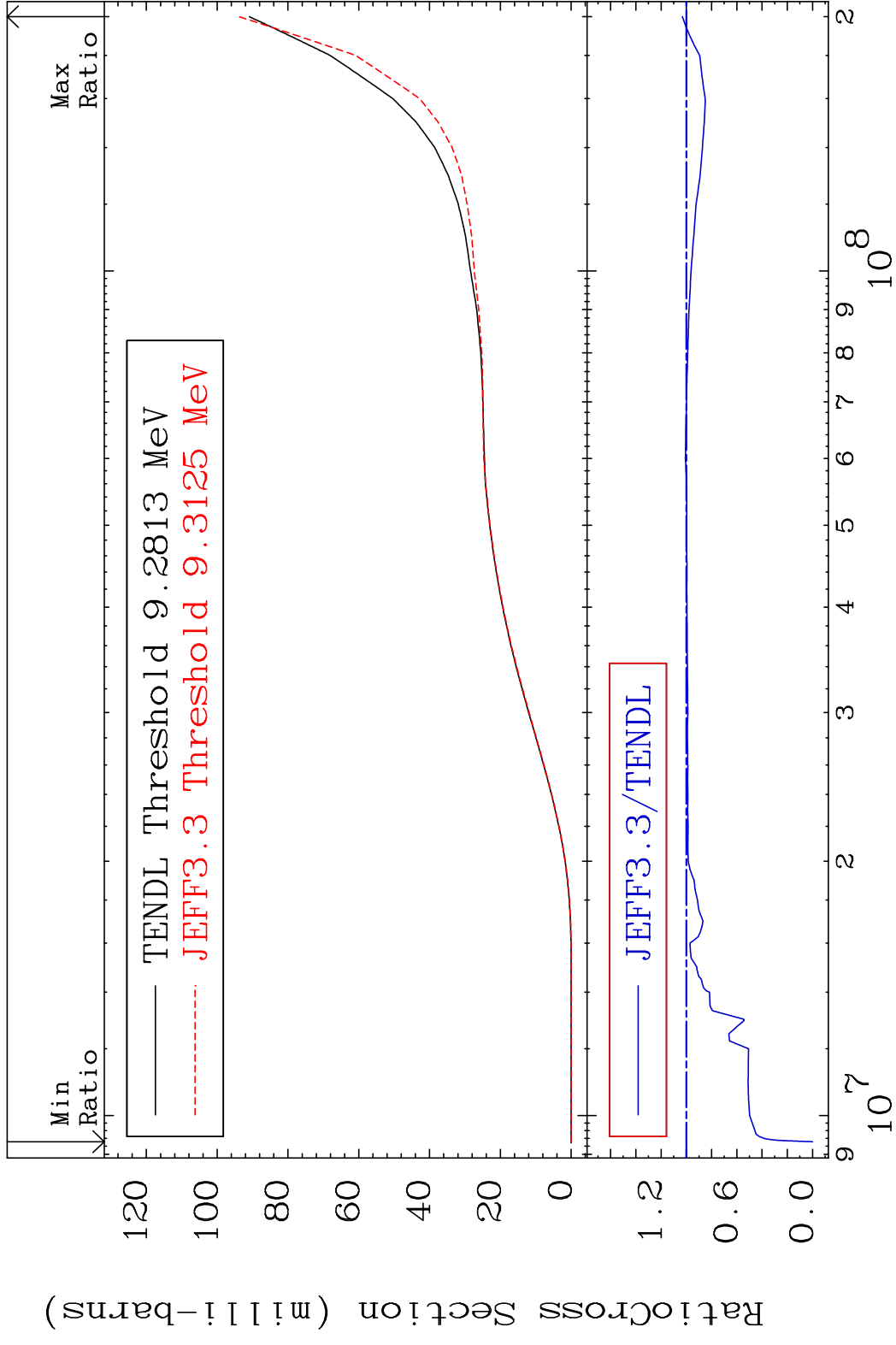
MAT 4625 Hydrogen Production 46-Pd-102
 Cross Section -100.0 To 90.47 %



MAT 4625 Deuterium Production 46-Pd-102
 Cross Section -100.0 To 56.89 %



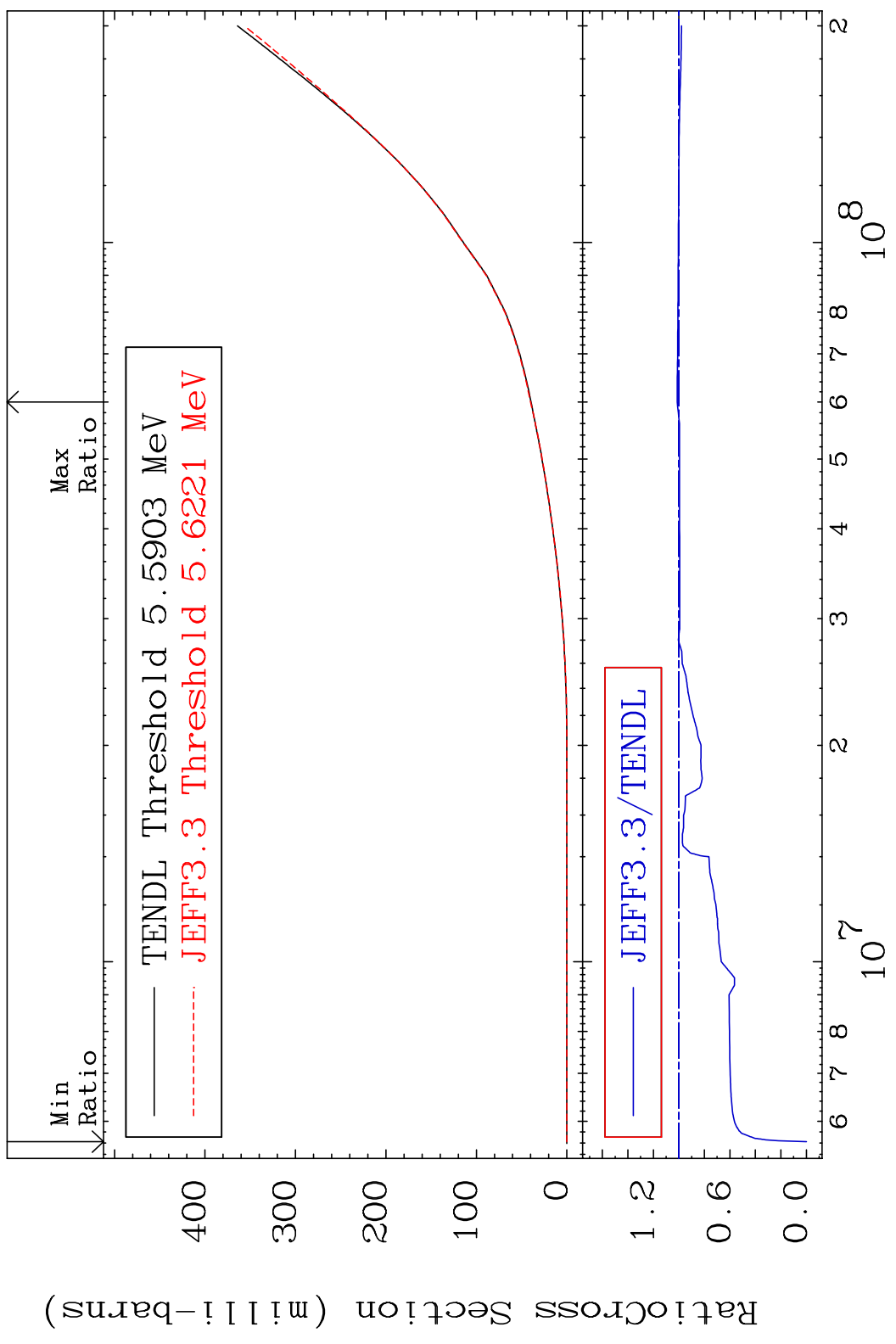
MAT 4625 Tritium Production 46-Pd-102
 Cross Section -100.0 To 3.143 %



64 Incident Energy (eV) 46-Pd-102

MAT 4625

He-3 Production
Cross Section -100.0 To 1.318 %
46-Pd-102



65

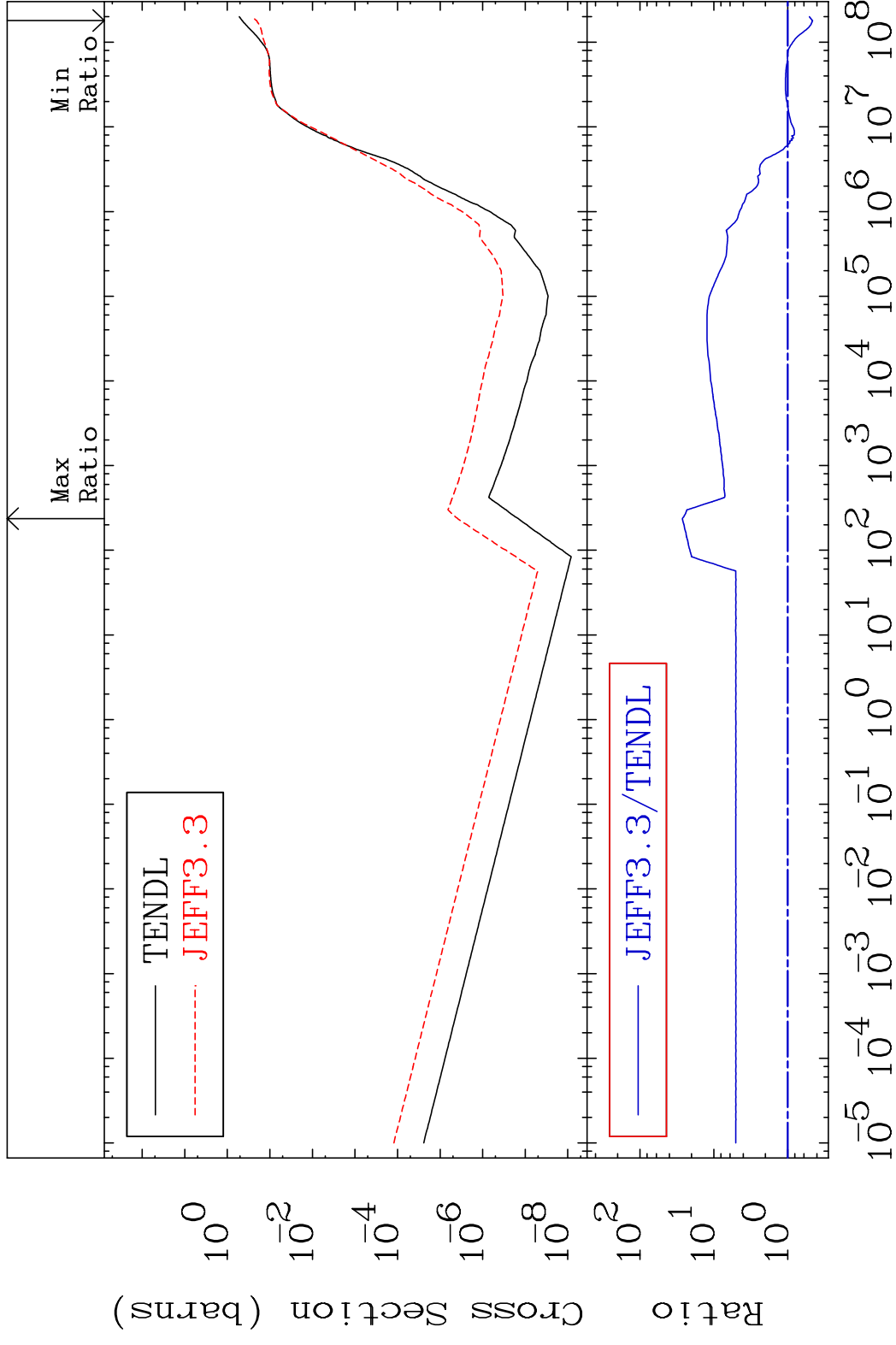
Incident Energy (eV) 46-Pd-102

MAT 4625

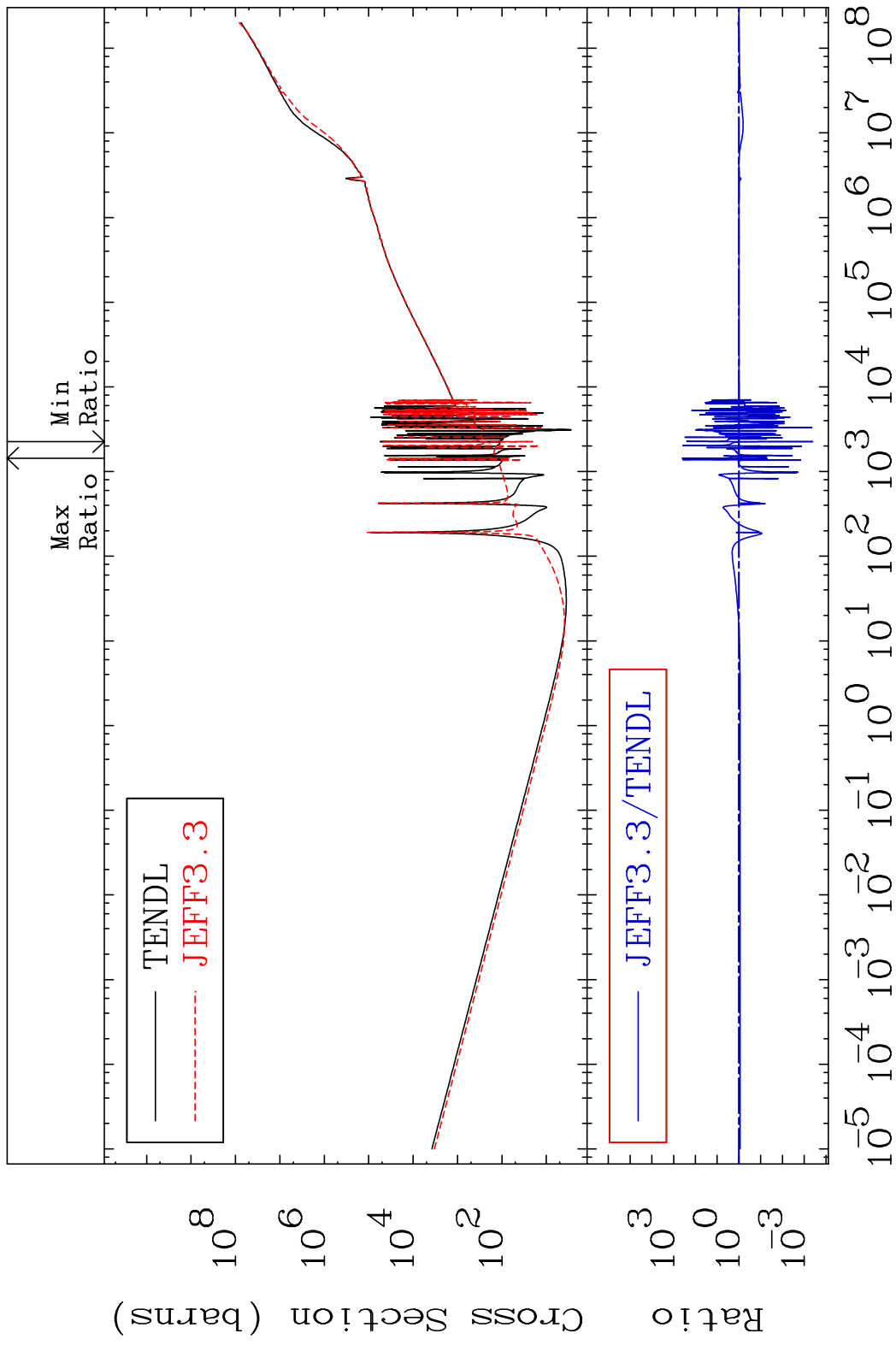
He-4 Production

46-Pd-102

Cross Section -53.99 To 2562. %



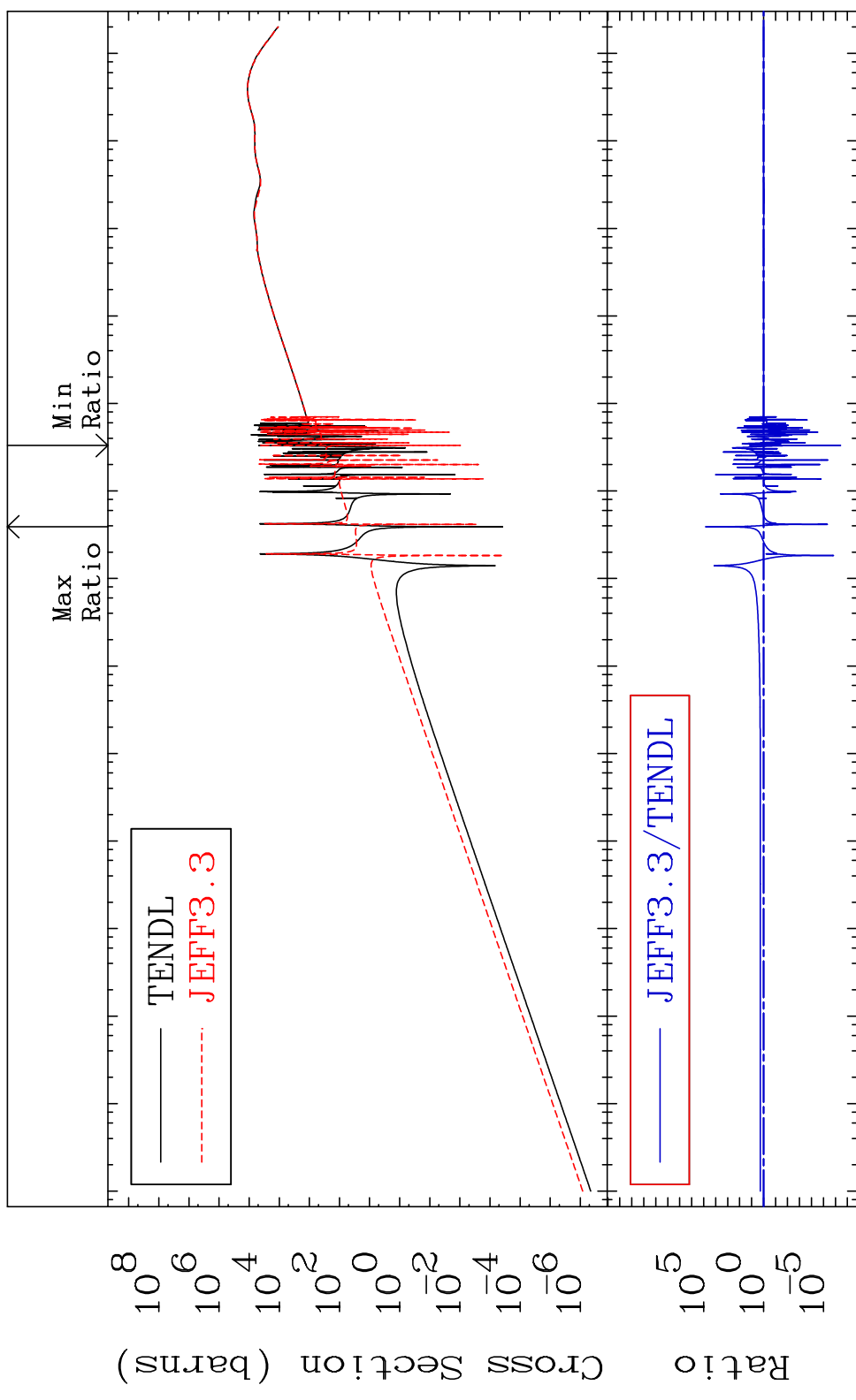
MAT 4625 Kerma total (eV-barns) 46-Pd-102
 Cross Section -99.96 To 9999. %



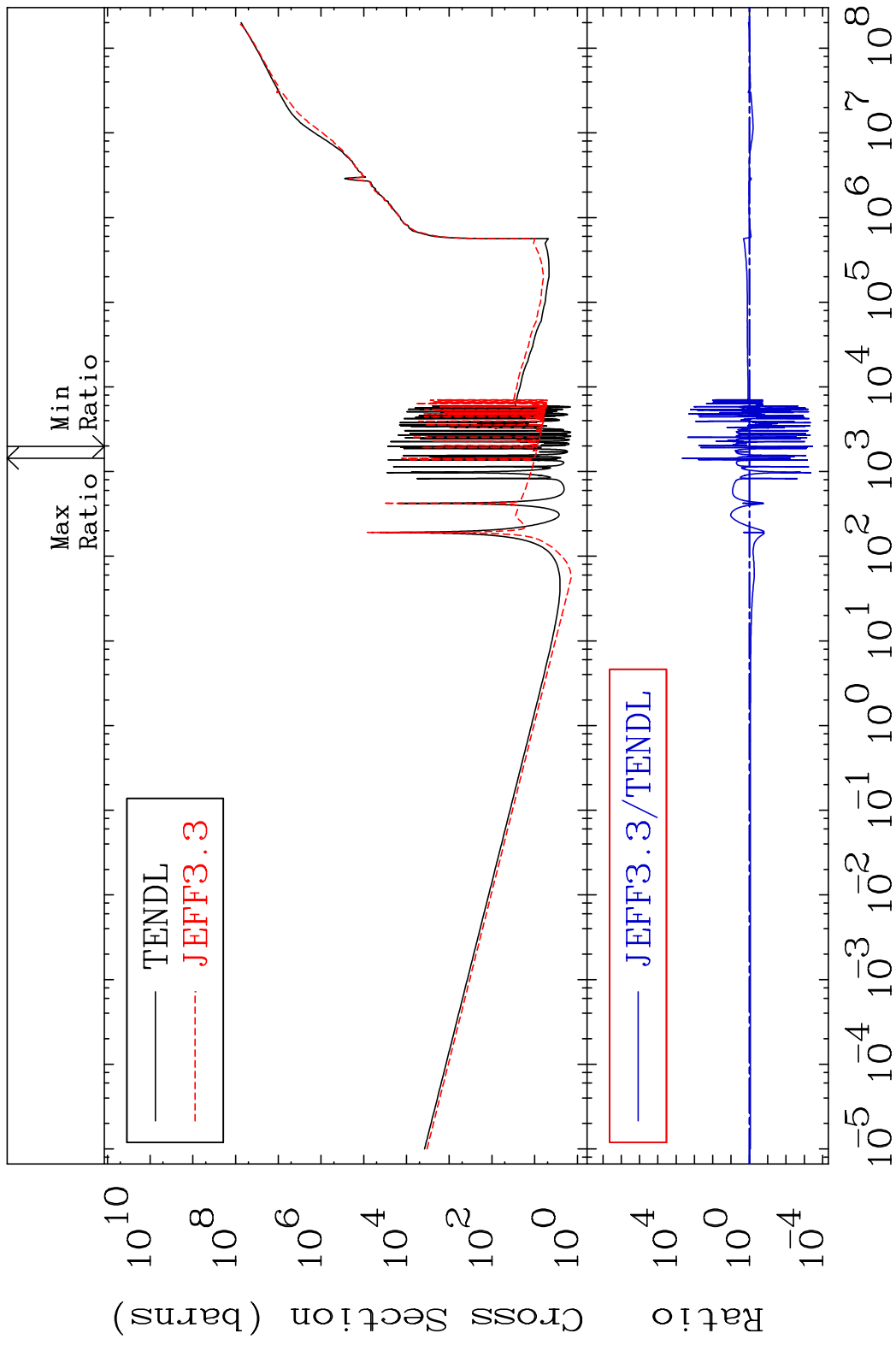
67 Incident Energy (eV) 46-Pd-102

MAT 4625

Kerma elastic Cross Section -100.0 To 9999. %
46-Pd-102

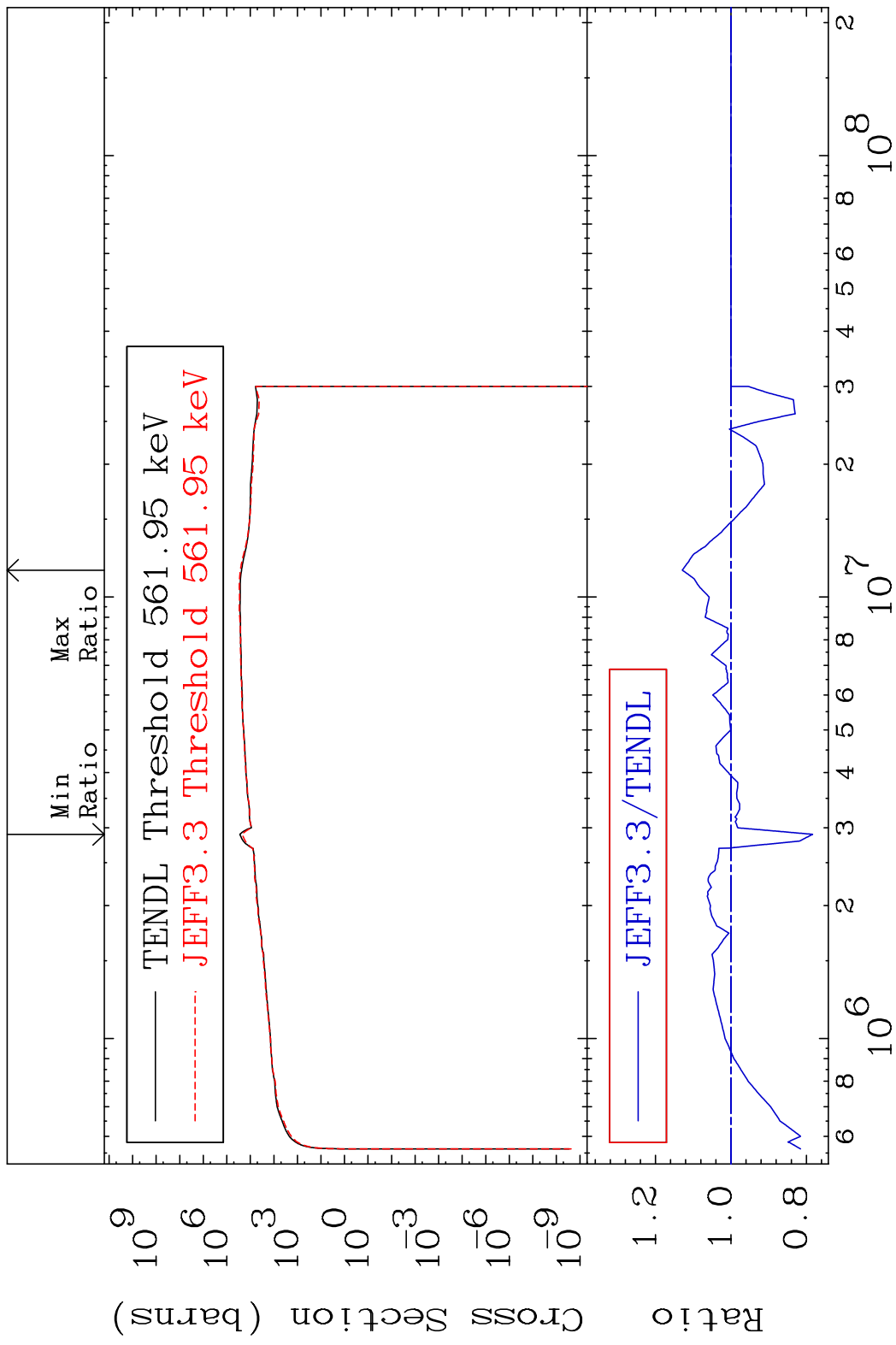


MAT 4625 Kerma non-elastic (all but mt2) 46-Pd-102
 Cross Section -99.96 To 9999. %



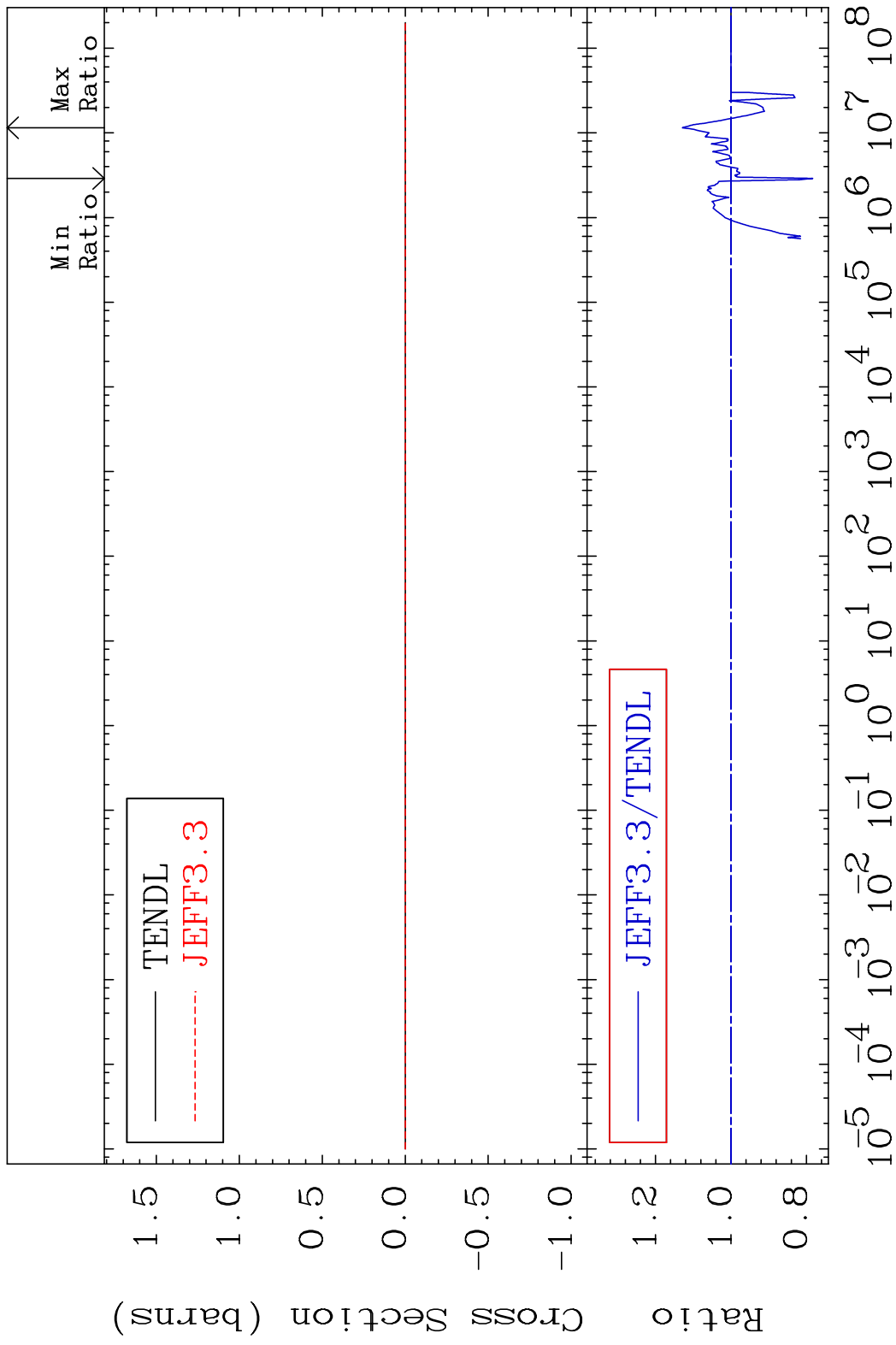
69 Incident Energy (eV) 46-Pd-102

MAT 4625 Kerma inelastic (mt51-91) 46-Pd-102
 Cross Section -21.64 To 12.88 %



70 Incident Energy (eV) 46-Pd-102

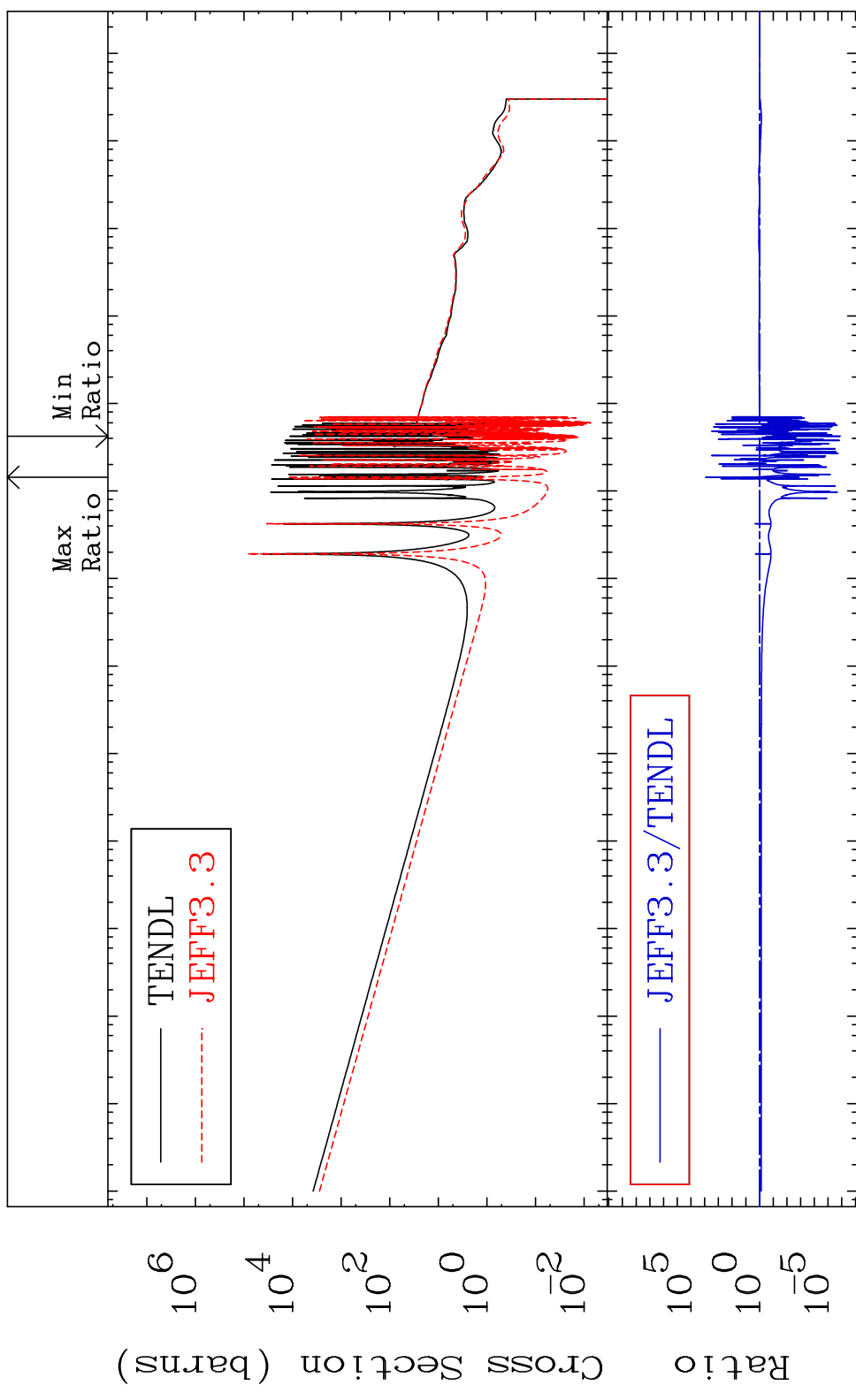
MAT 4625 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-102
 Cross Section -21.64 To 12.88 %



MAT 4625

Kerma capture (mt102) 46-Pd-102

Cross Section -100.0 To 9999. %

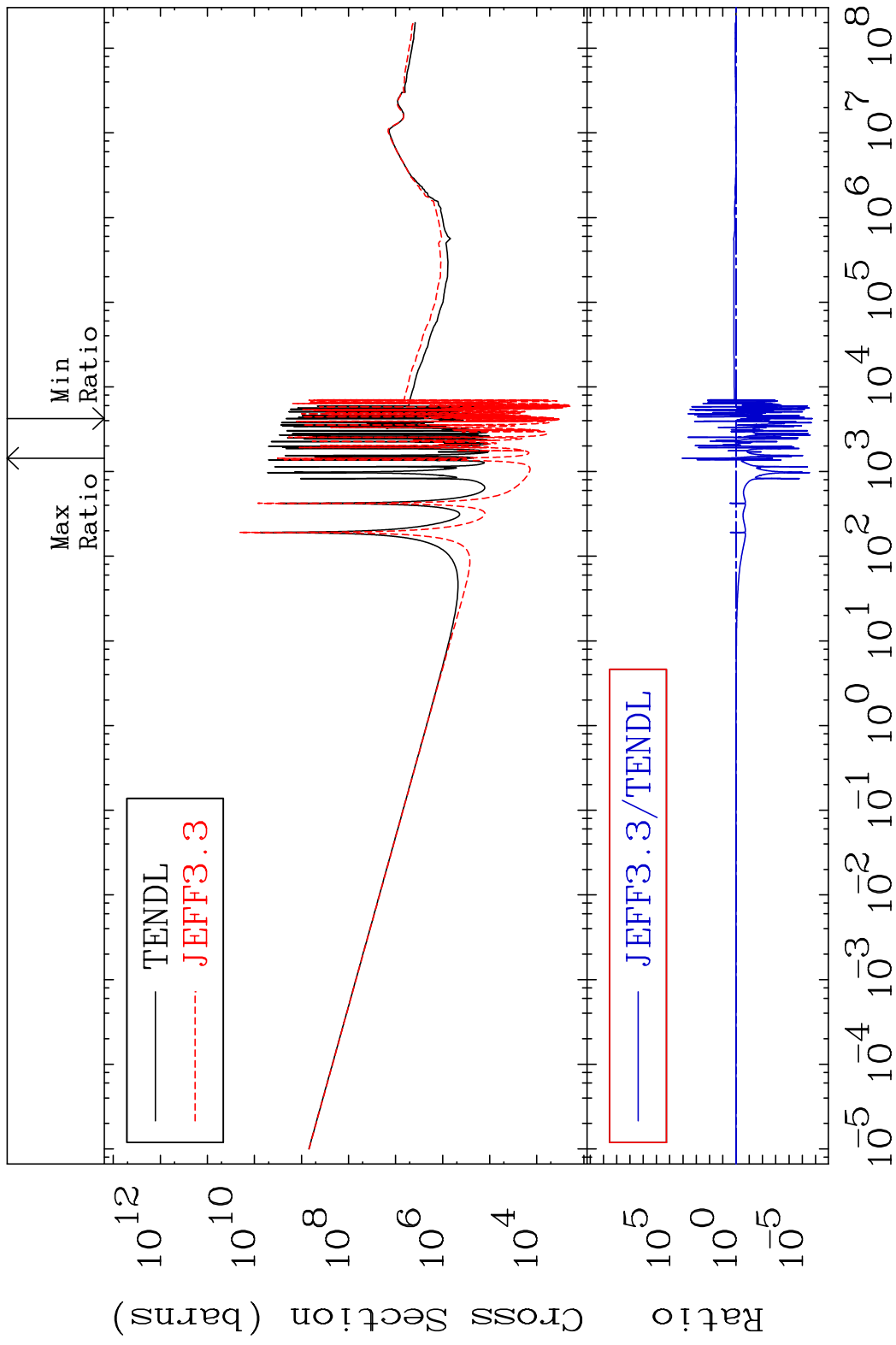


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Incident Energy (eV)

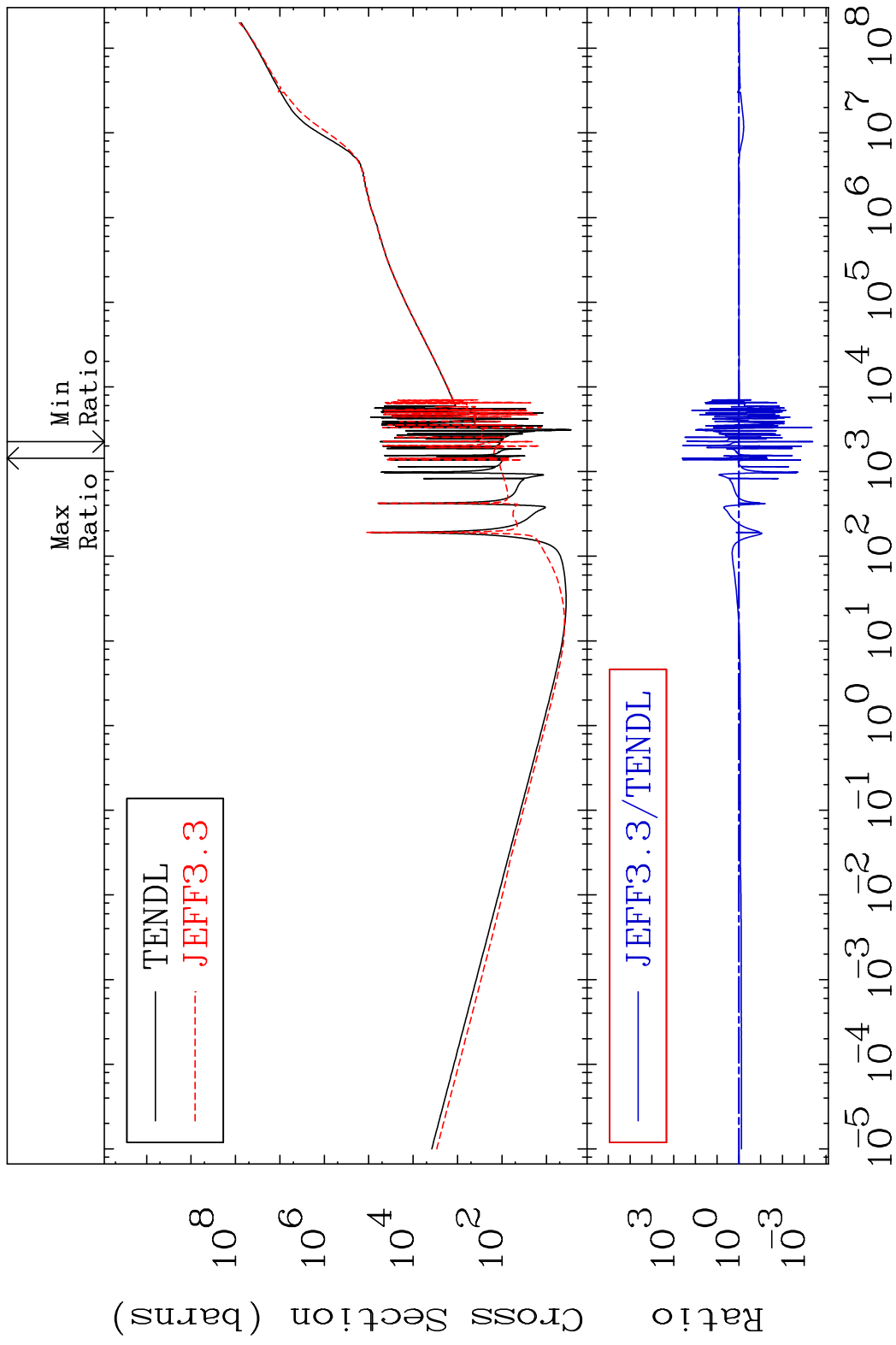
46-Pd-102

MAT 4625 Total photon (eV-barns) 46-Pd-102
 Cross Section -100.0 To 9999. %

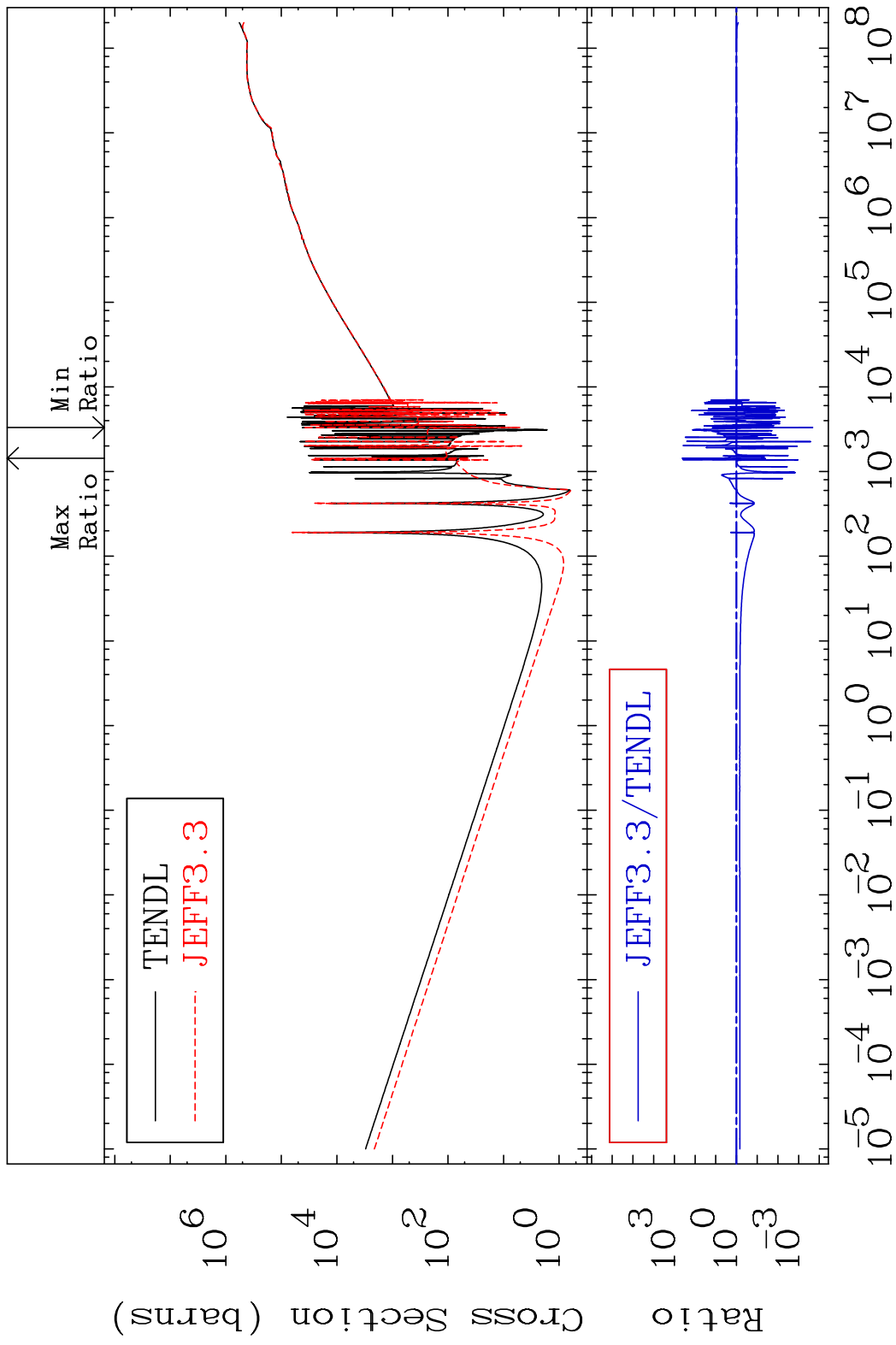


73 Incident Energy (eV) 46-Pd-102

MAT 4625 Total kinematic kerma (high limit) 46-Pd-102
 Cross Section -99.96 To 9999. %



MAT 4625 Dpa total (eV-barns) 46-Pd-102
 Cross Section -99.98 To 9999. %



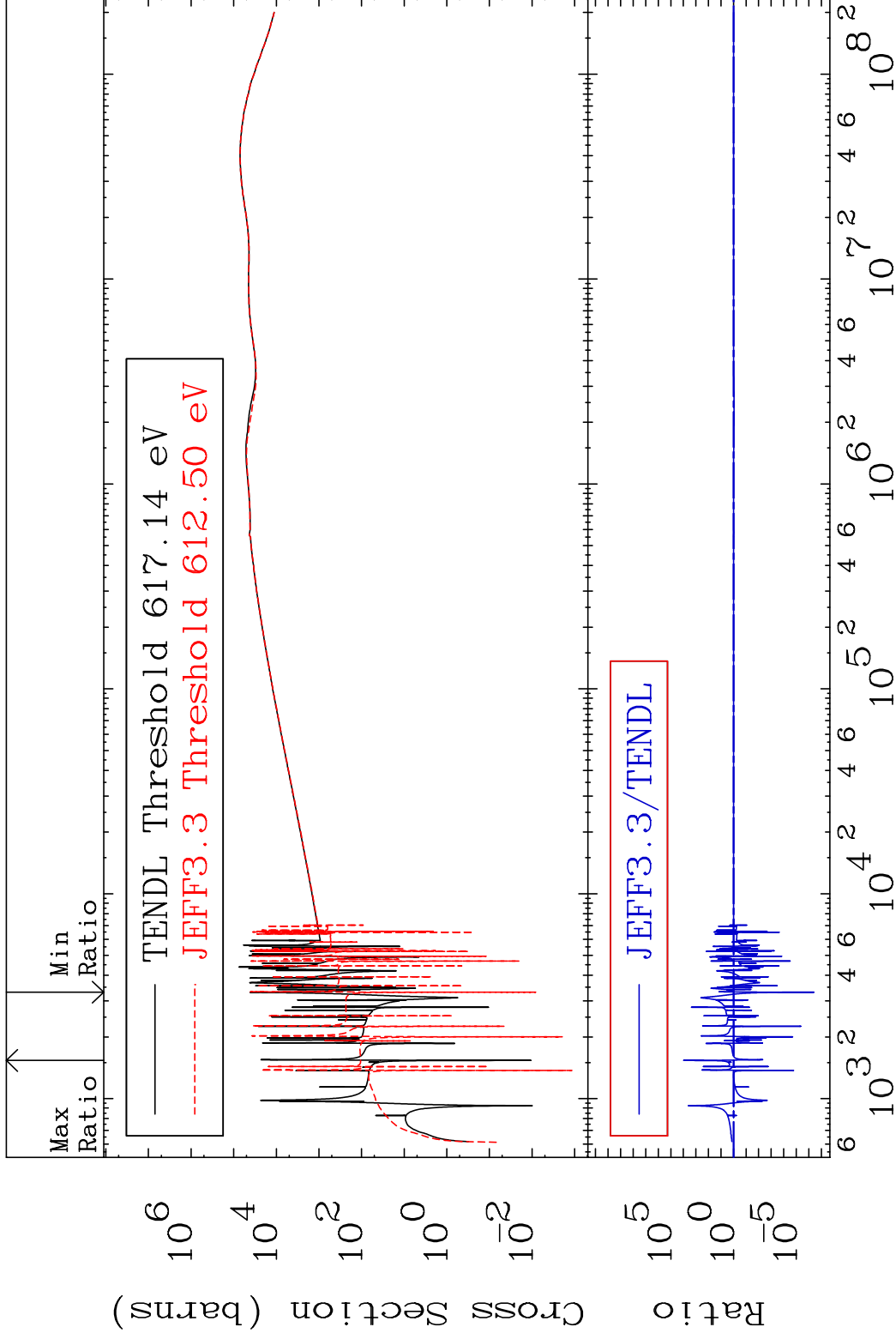
75 Incident Energy (eV) 46-Pd-102

MAT 4625

Dpa elastic (mt2)

46-Pd-102

Cross Section -100.0 To 9999. %

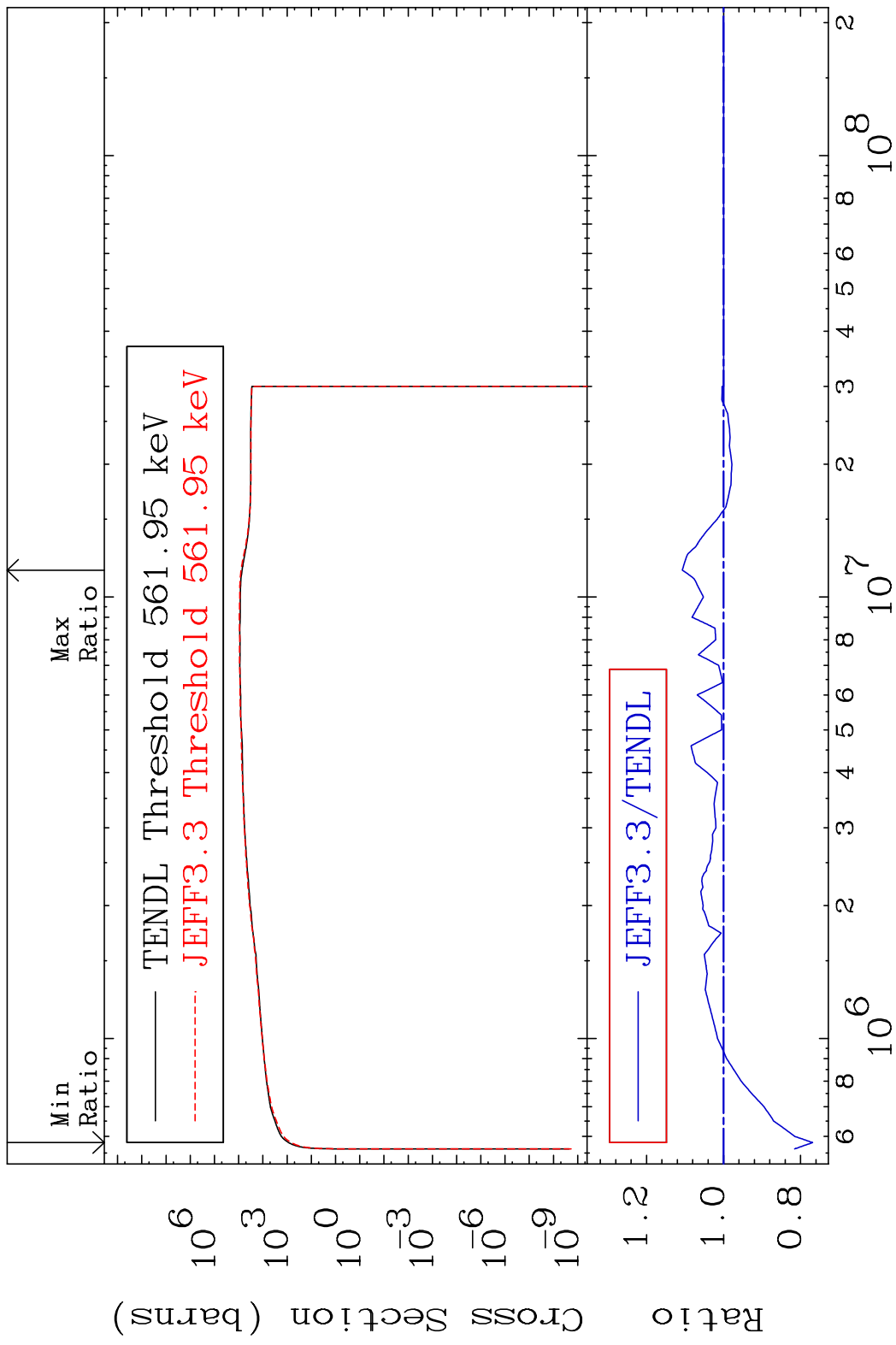


76

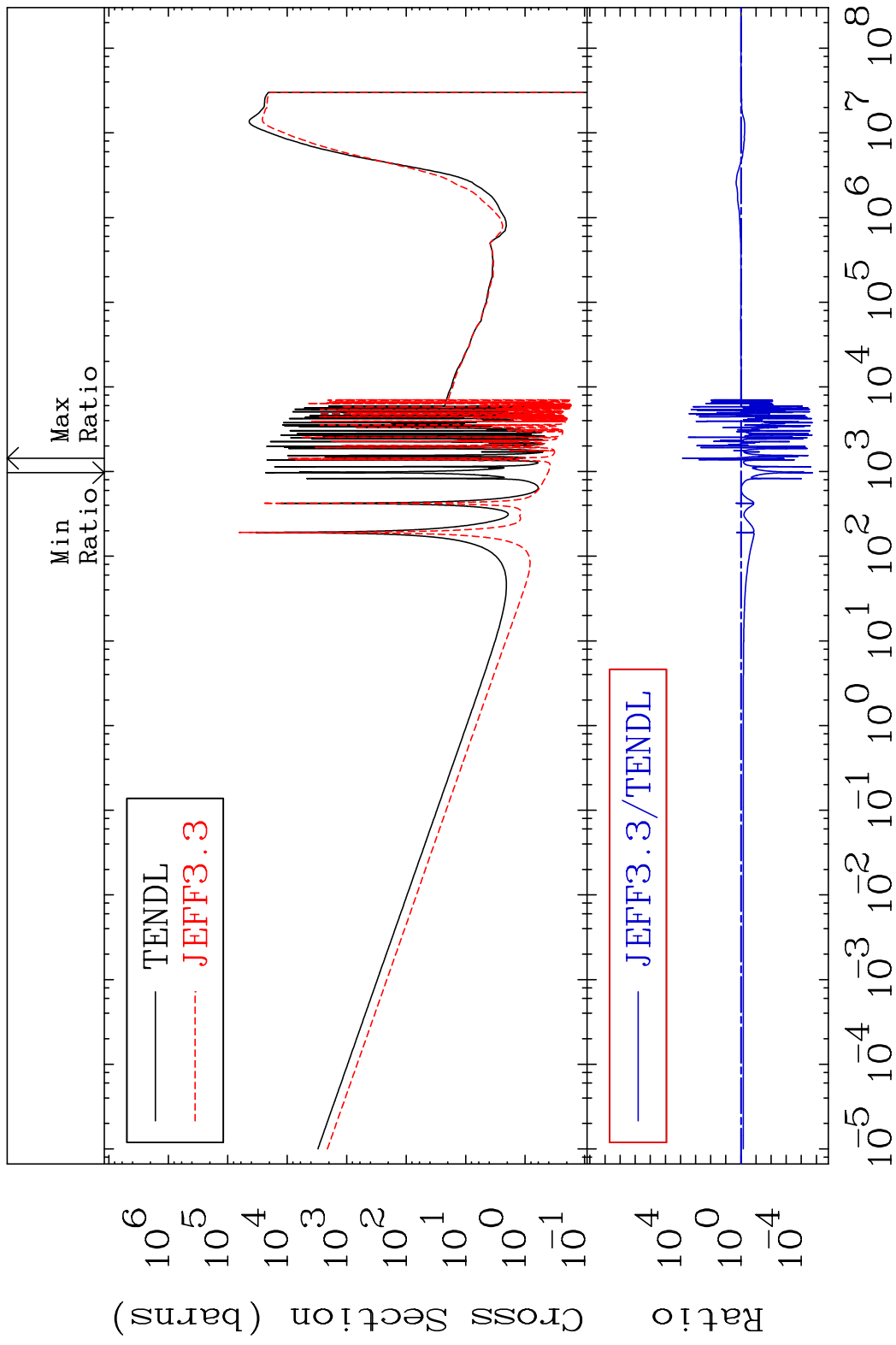
Incident Energy (eV)

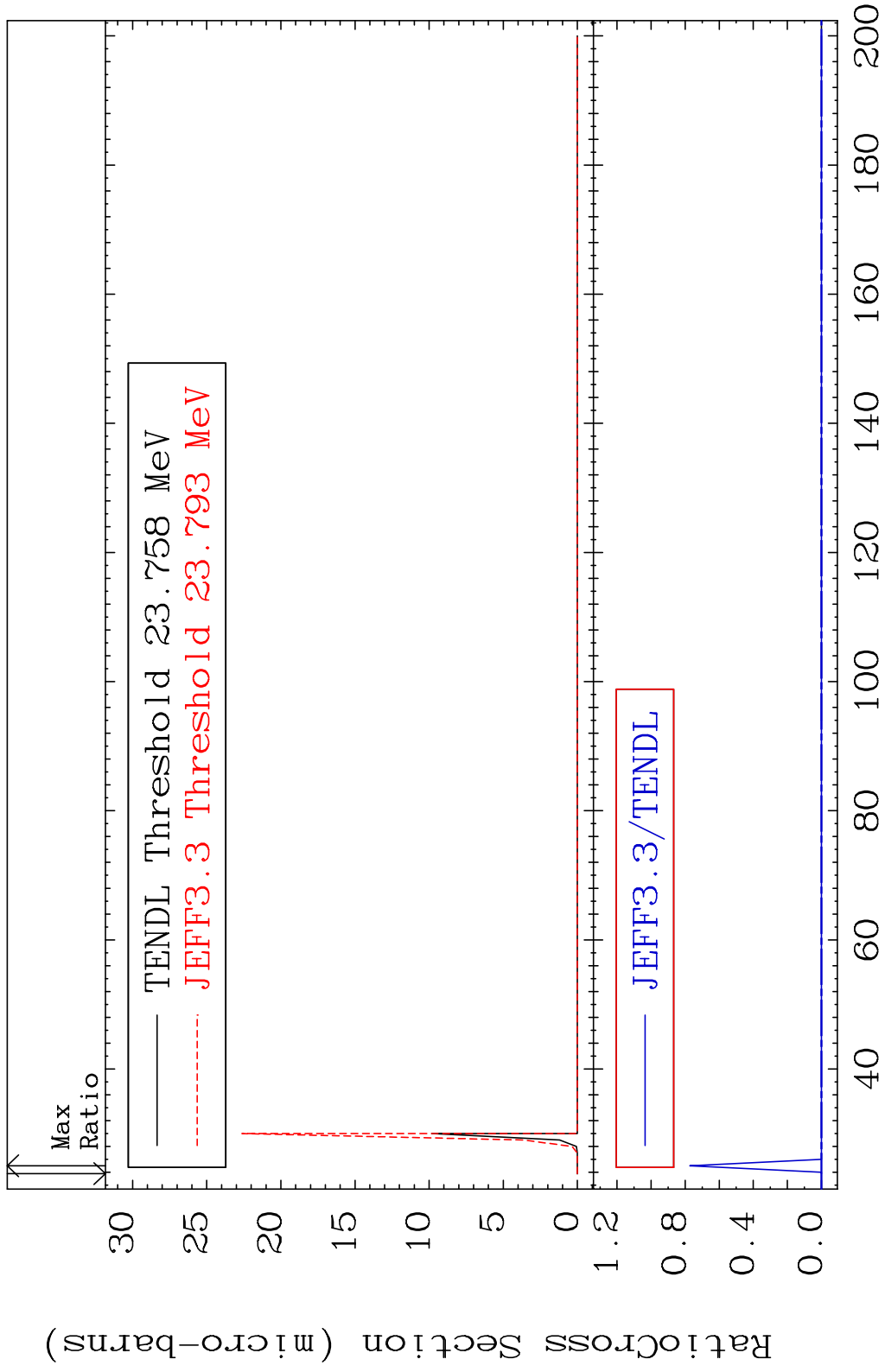
46-Pd-102

MAT 4625 Dpa inelastic (mt51-91) 46-Pd-102
 Cross Section -23.11 To 10.70 %

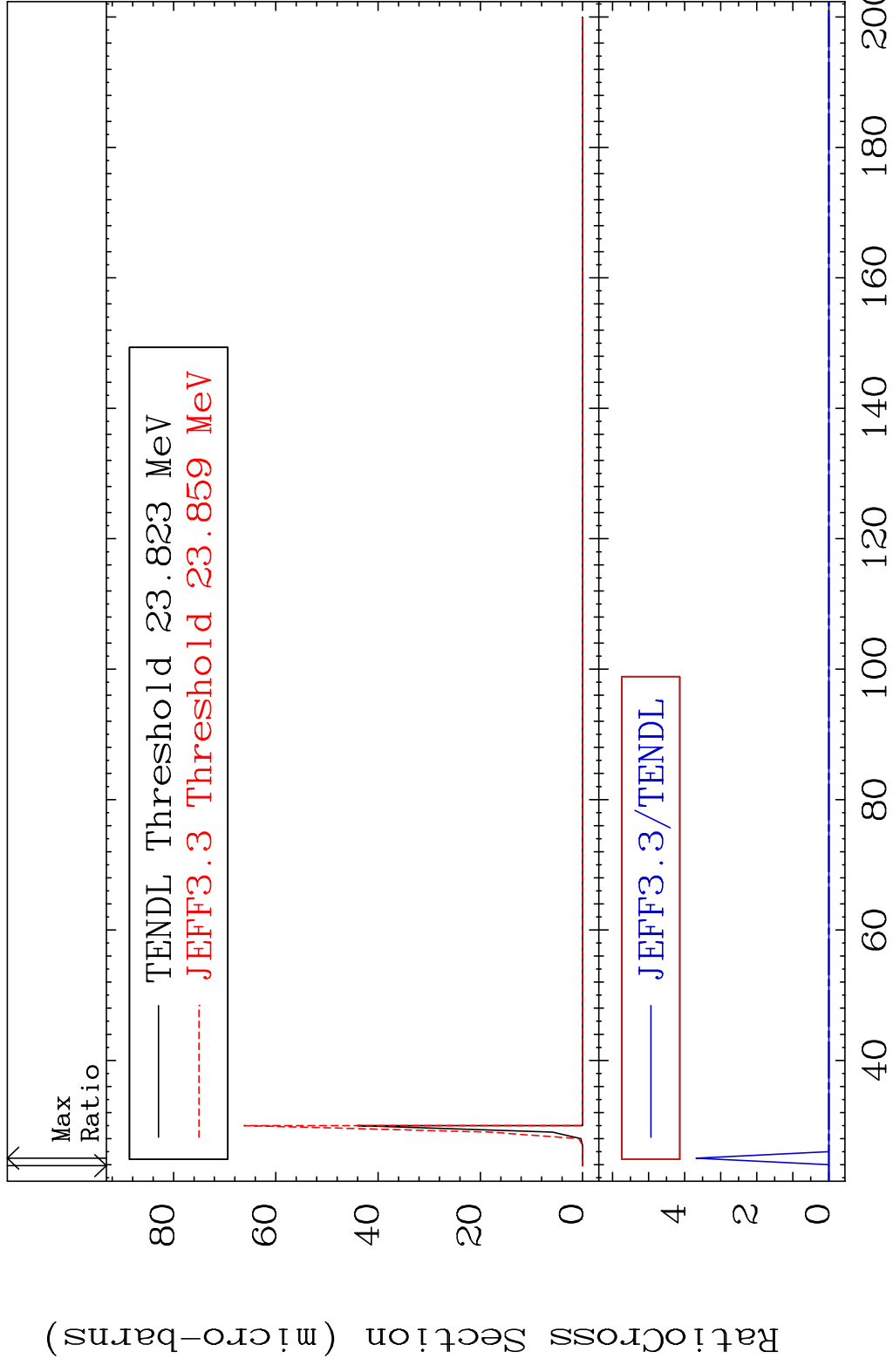


MAT 4625 Dpa disappearance (mt102 -120) 46-Pd-102
 Cross Section -100.0 To 9999. %

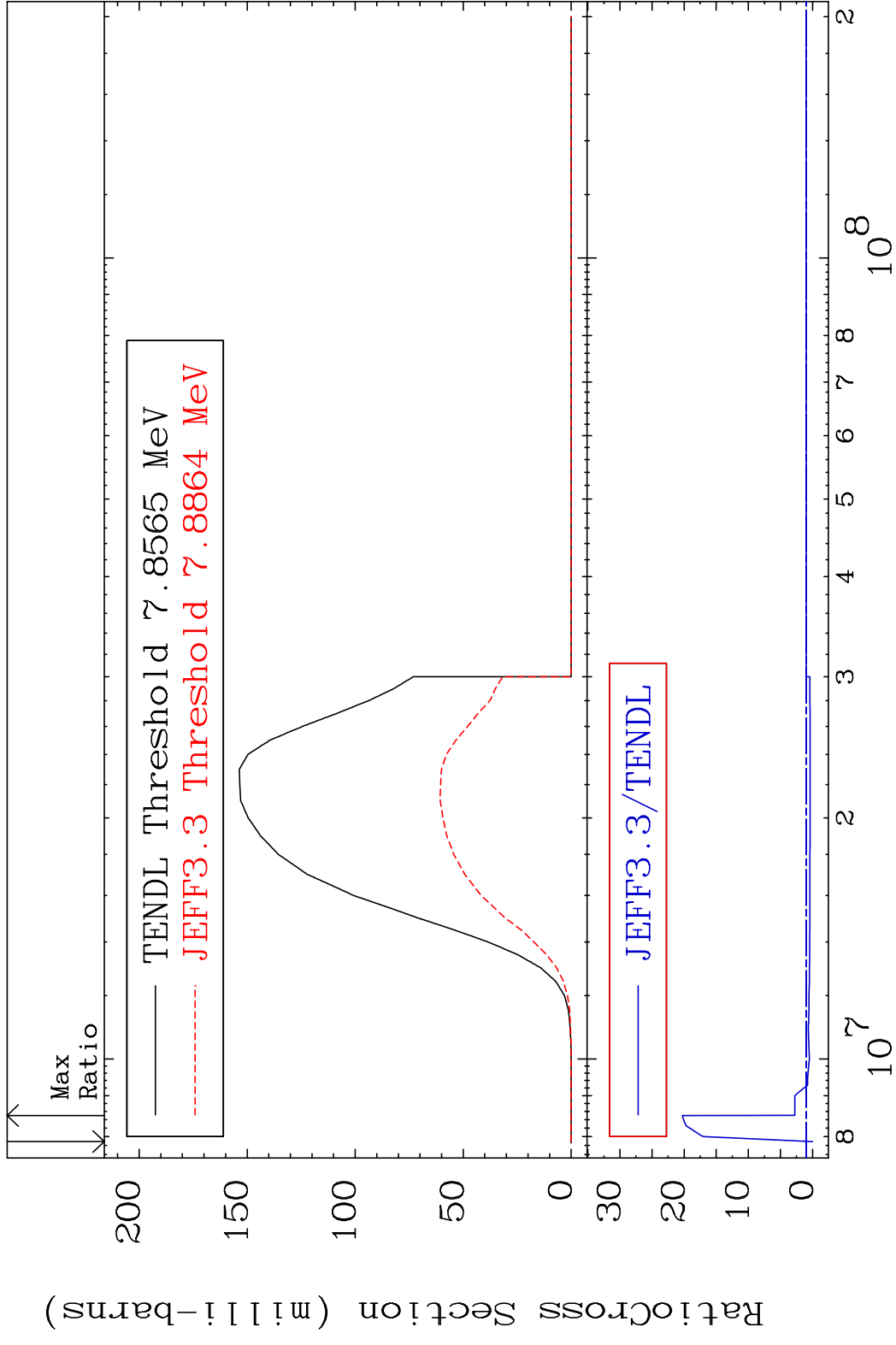


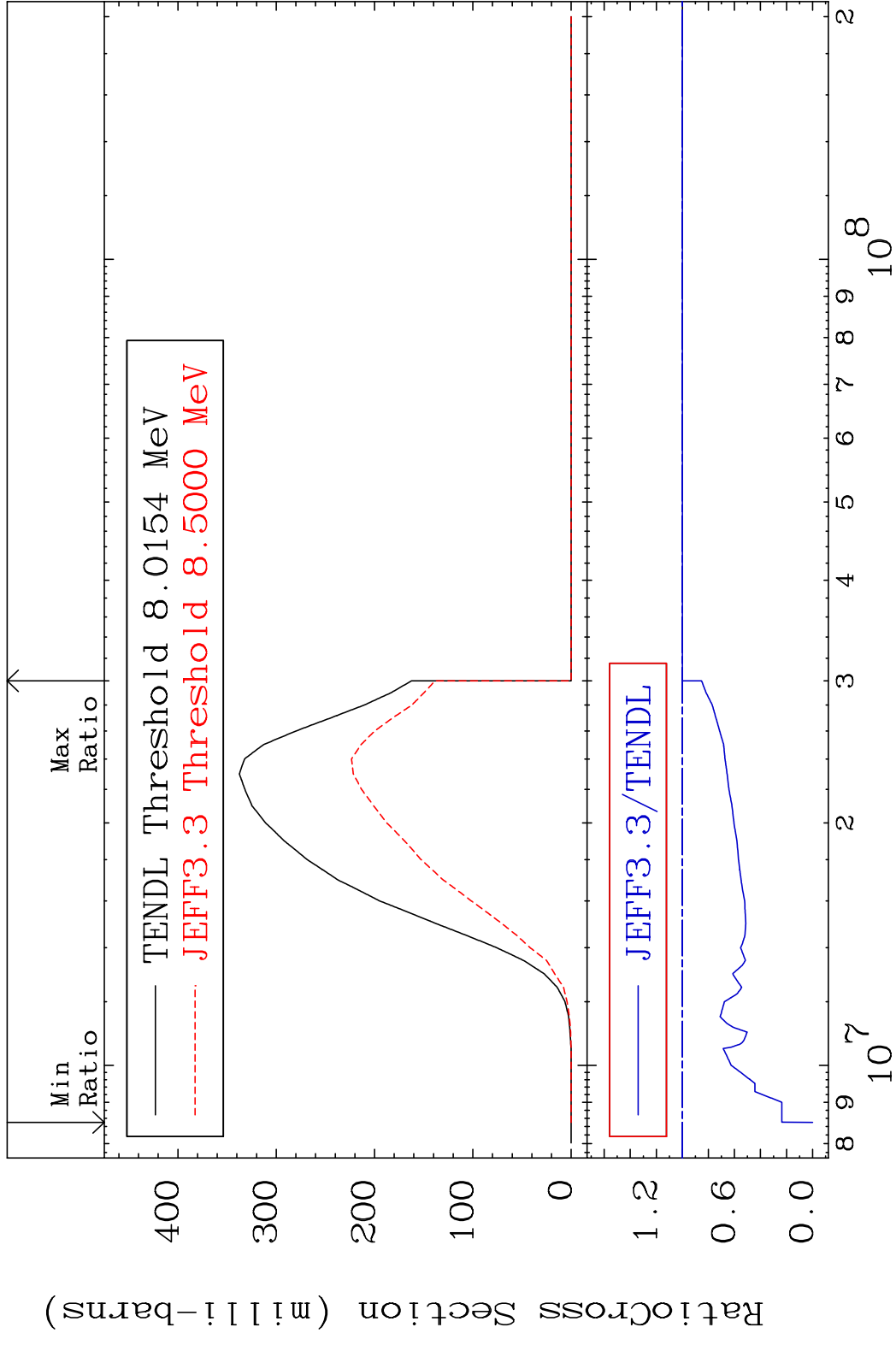


MAT 4625 (n,2n) d:45-Rh-99m1 46-Pd-102
 Radionuclide Production Cross Section Ratio 9999. %

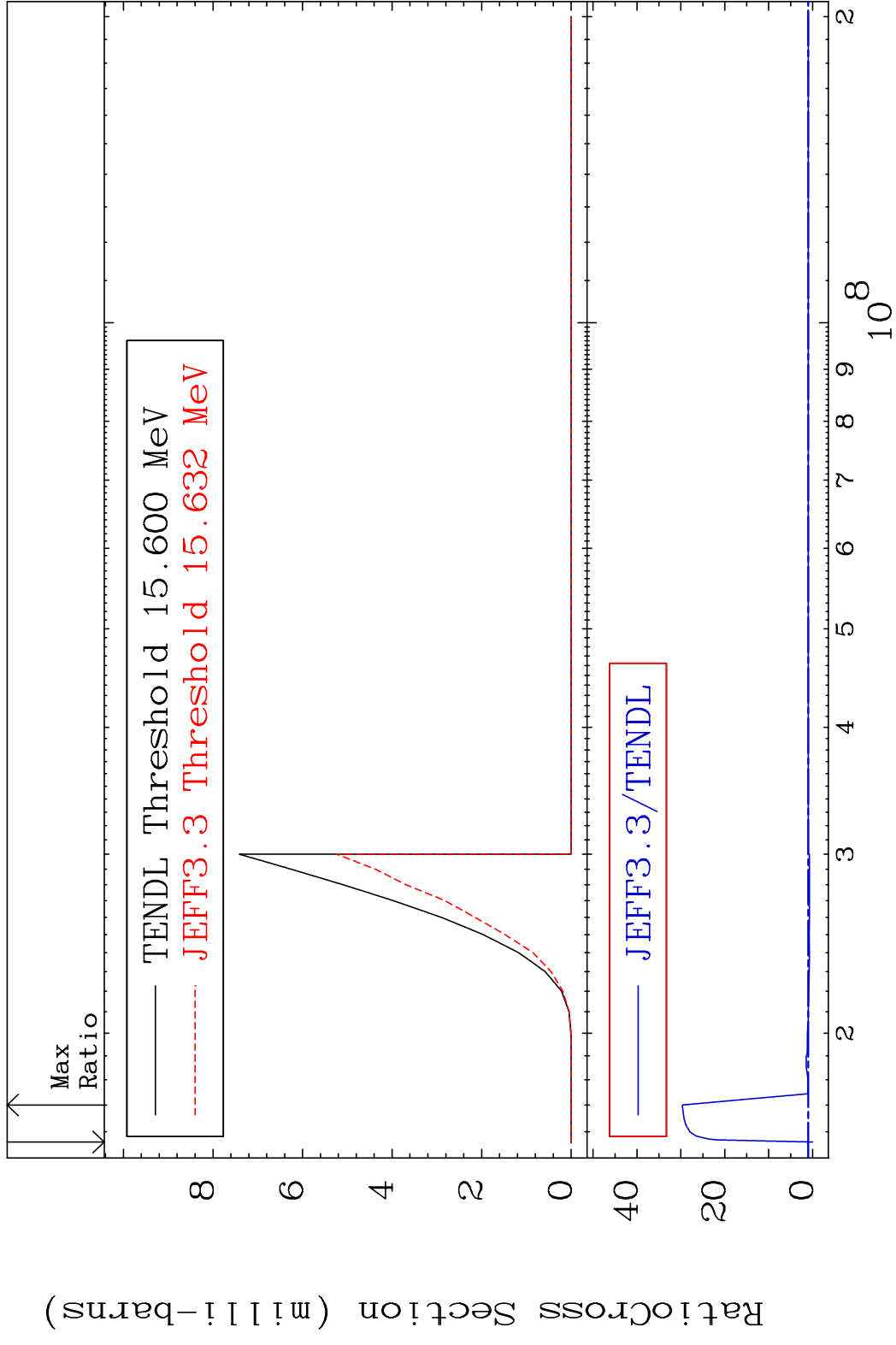


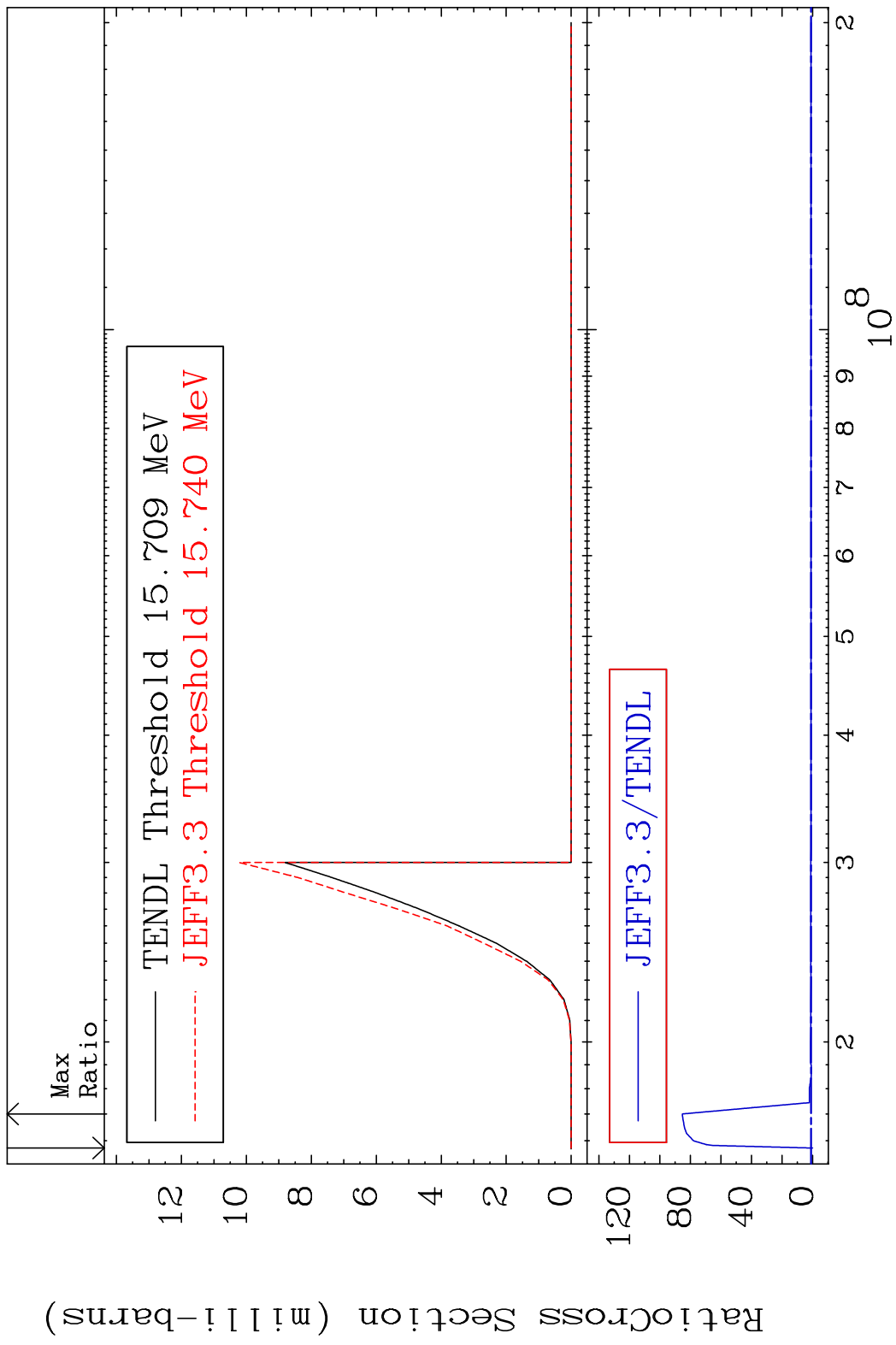
80 Incident Energy (MeV) 46-Pd-102

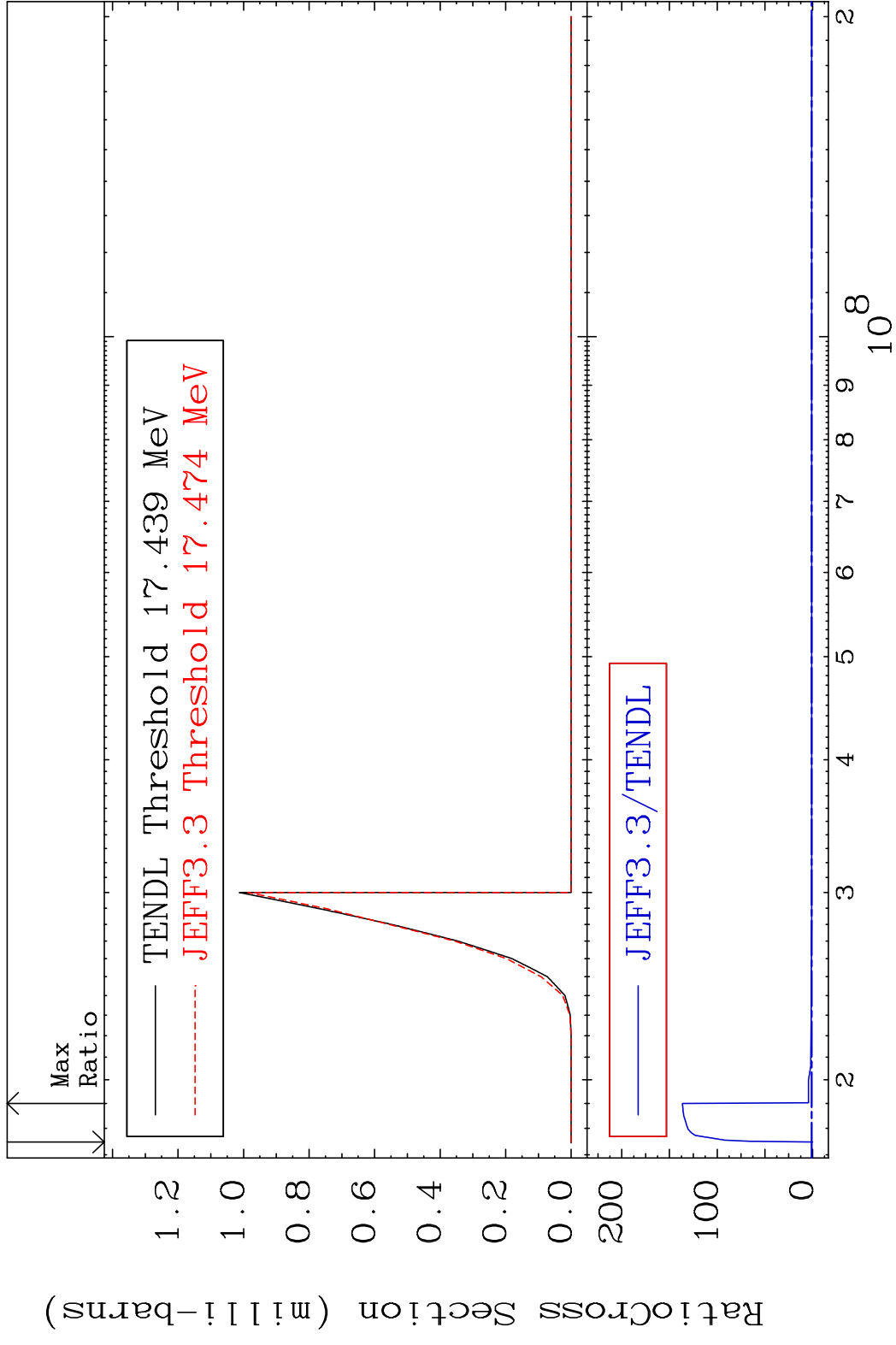




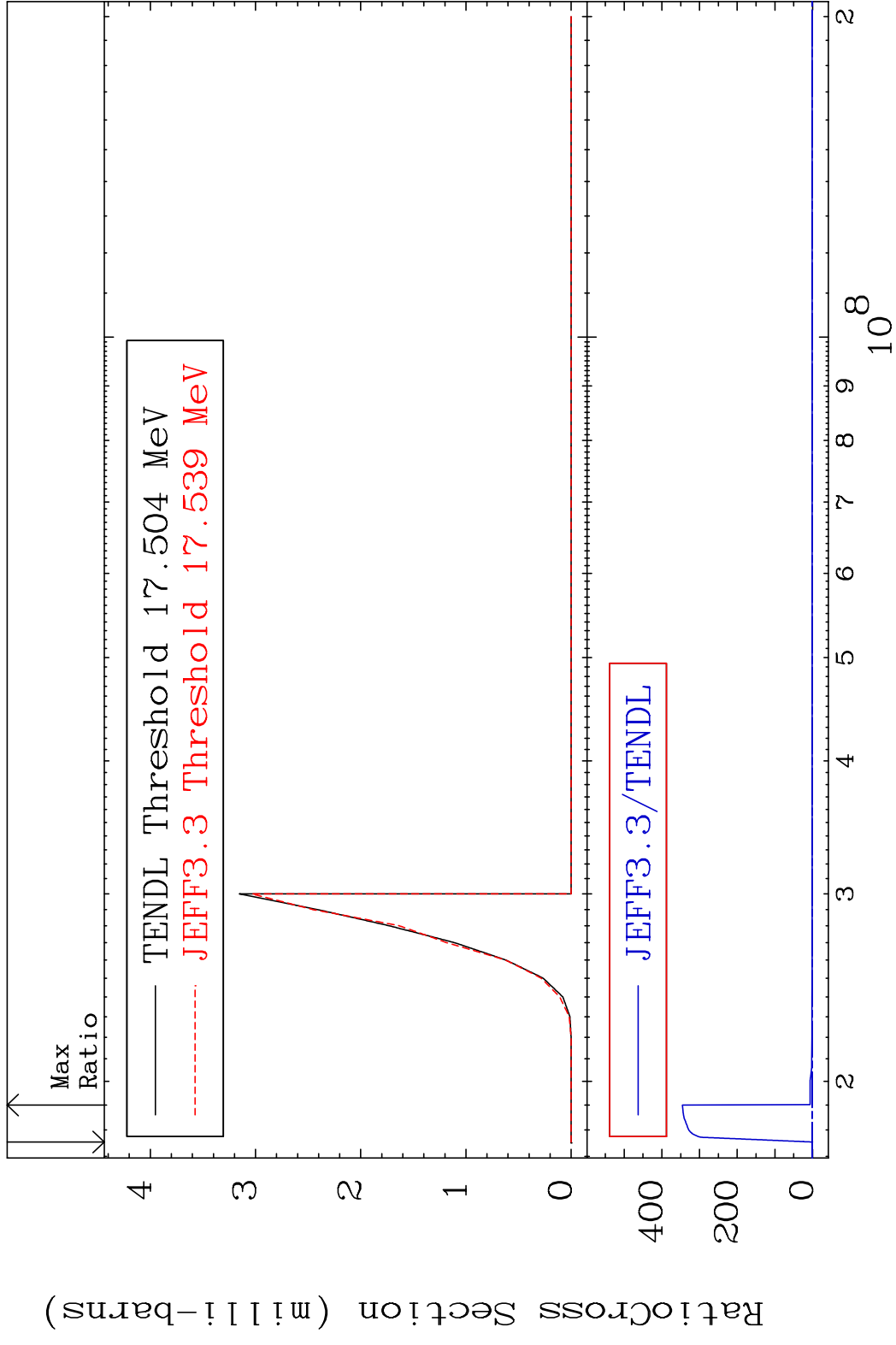
MAT 4625 (n, n') d:45-Rh-100g 46-Pd-102
 Radionuclide Production Cross Section 1800 d to 2866. %



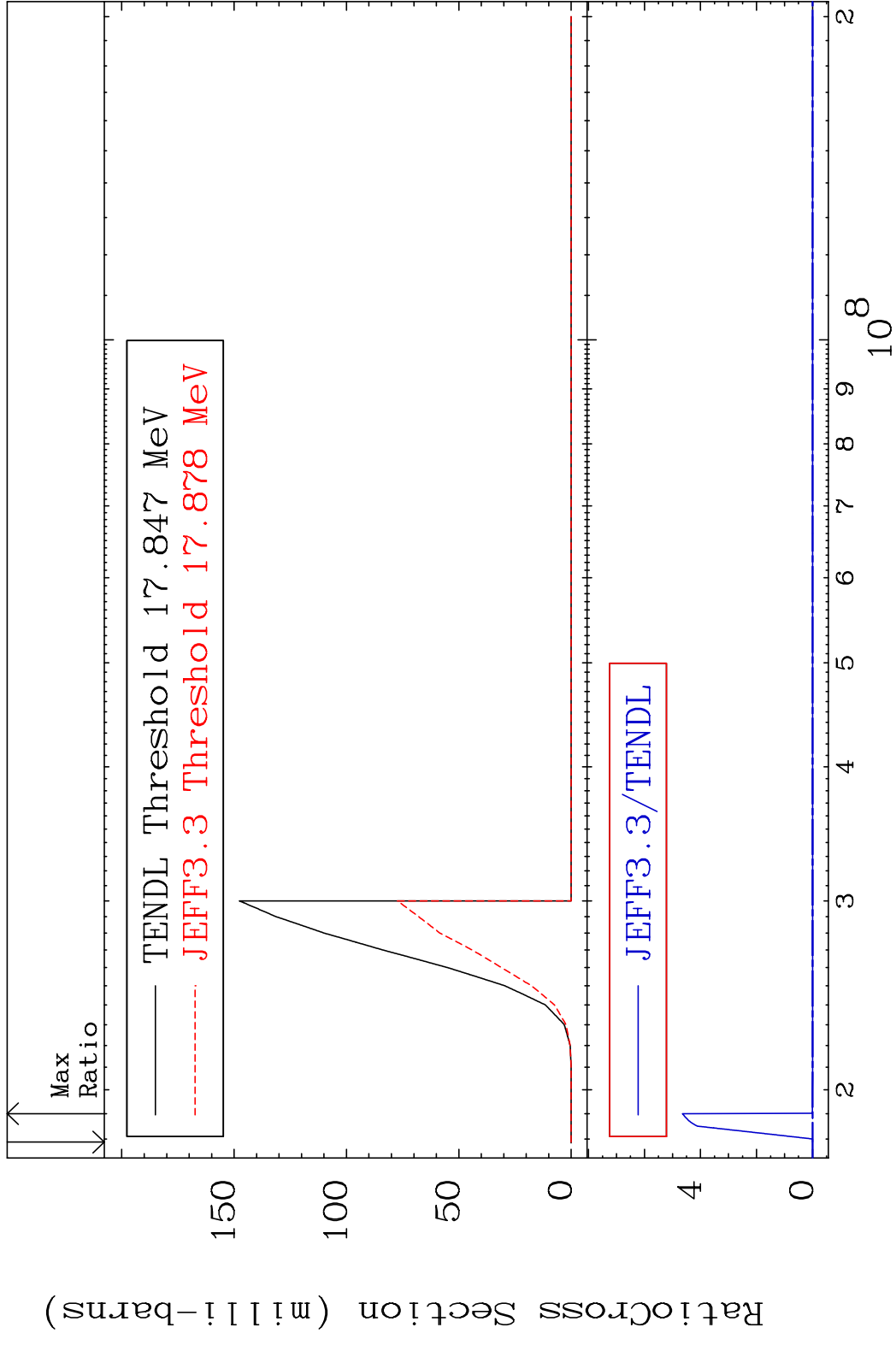


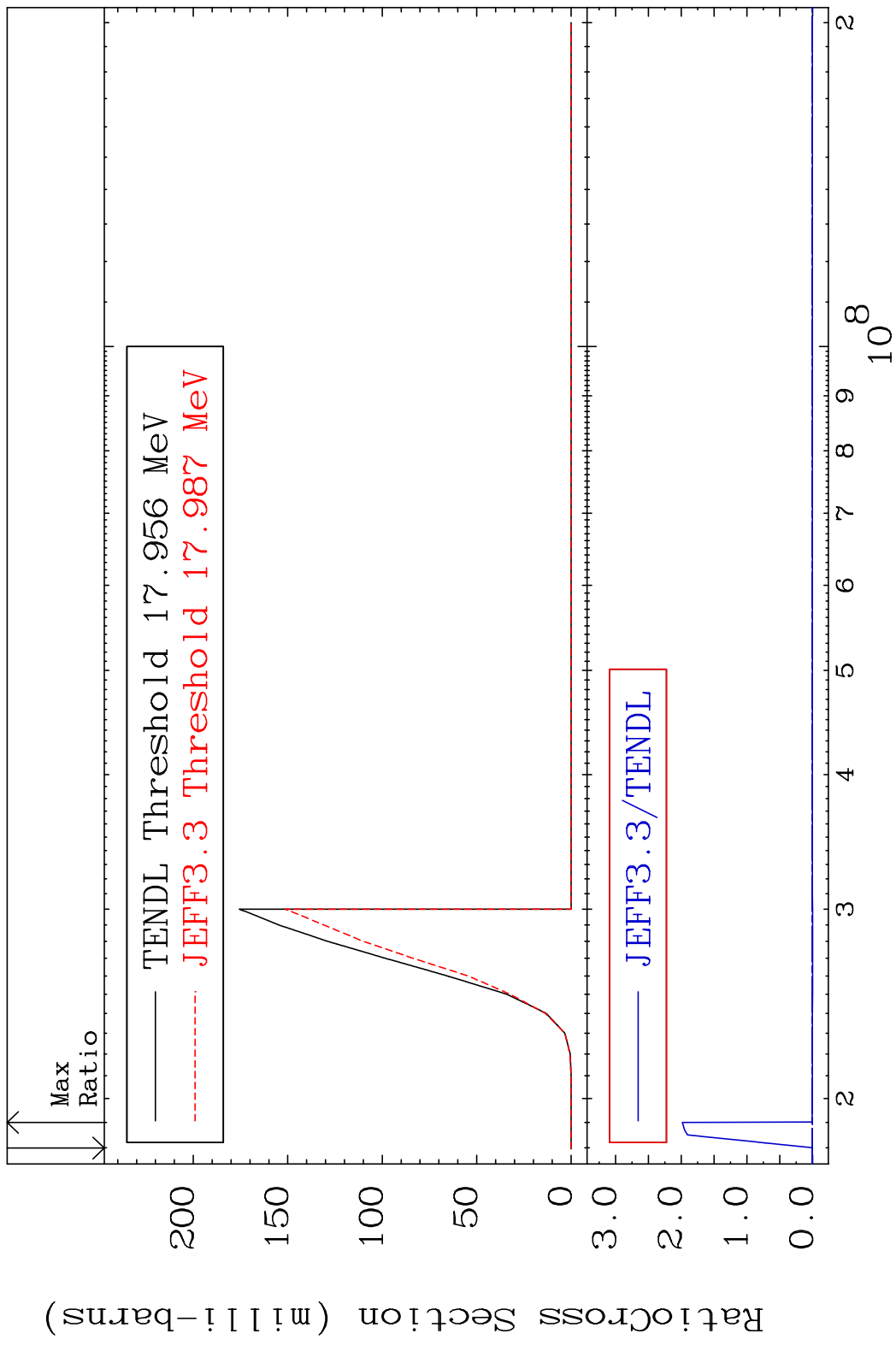


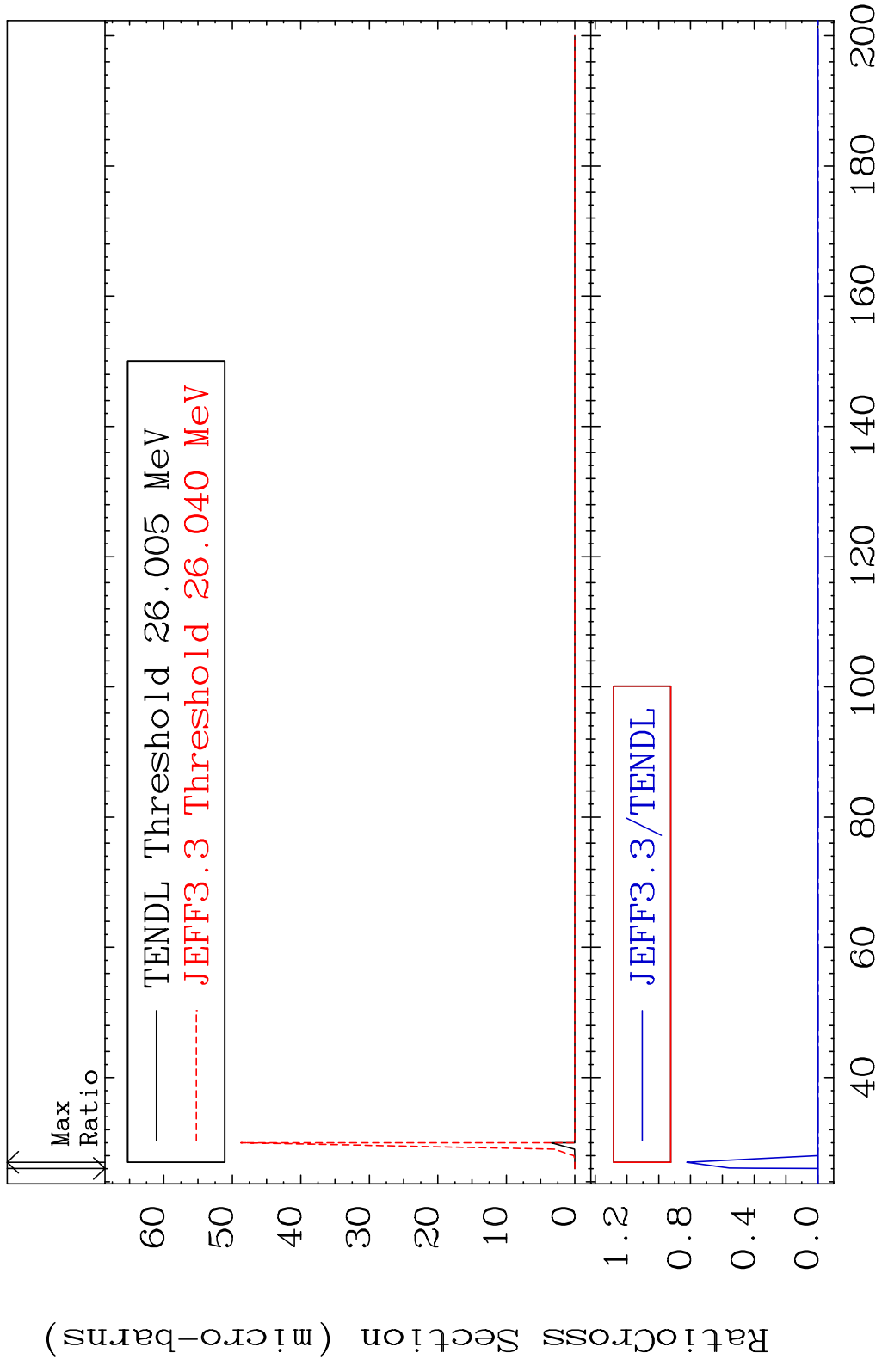
MAT 4625 (n, n') t:45-Rh-99m1 46-Pd-102
 Radionuclide Production Cross Section Ratio 9999. %



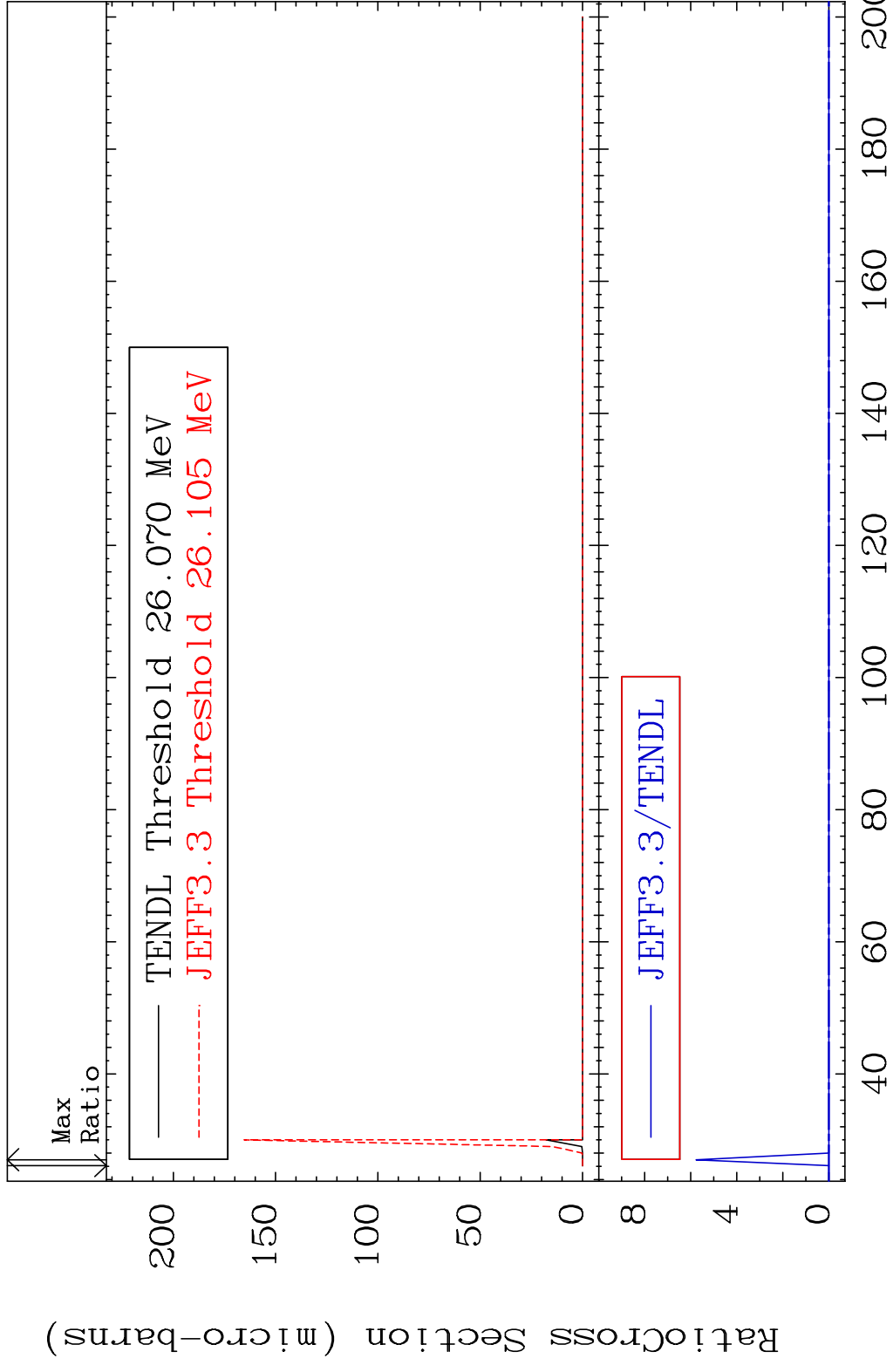
MAT 4625 (n,2n) p:45-Rh-100g 46-Pd-102
 Radionuclide Production Cross Section 1800 dth 9999. %



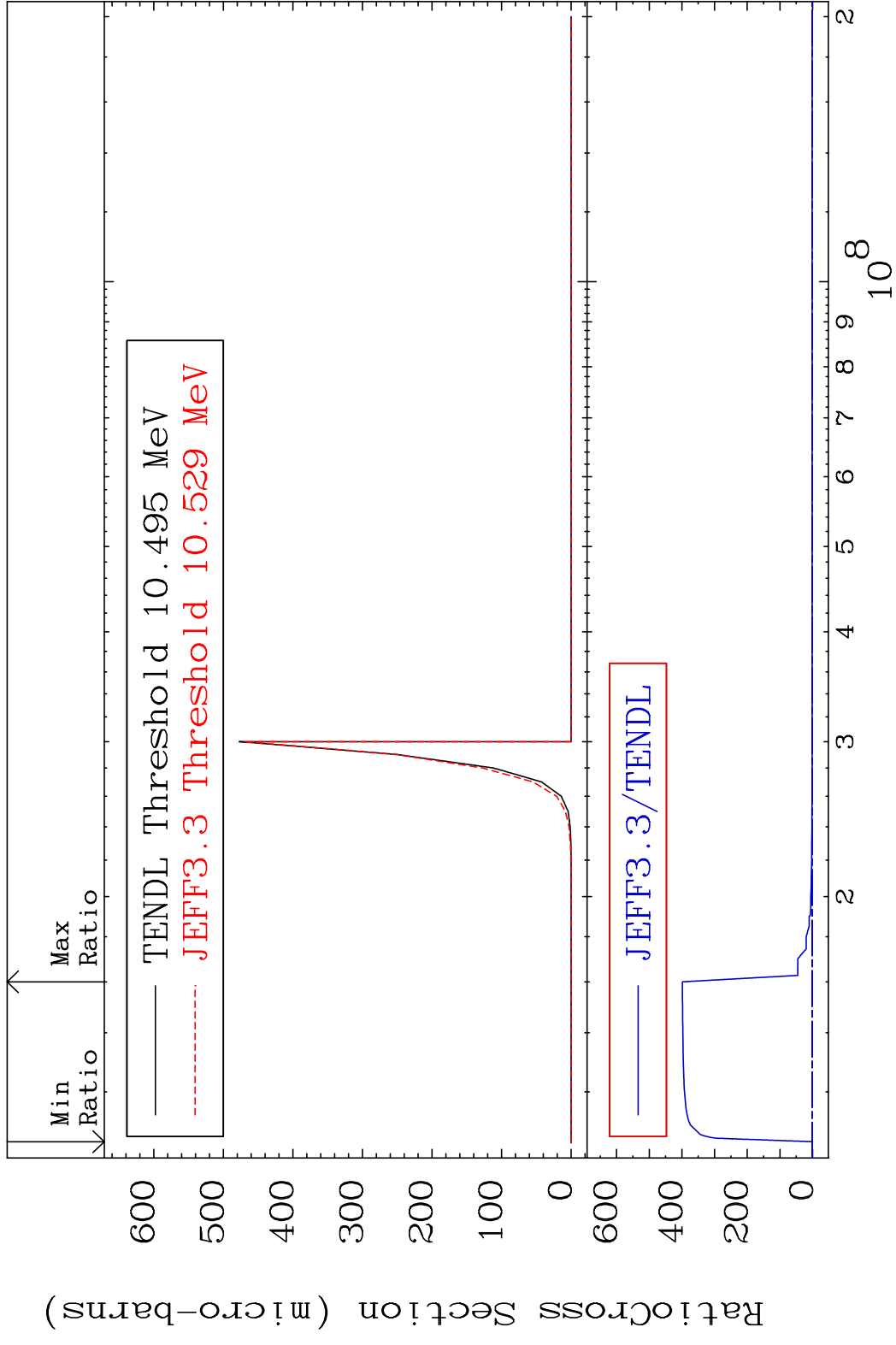


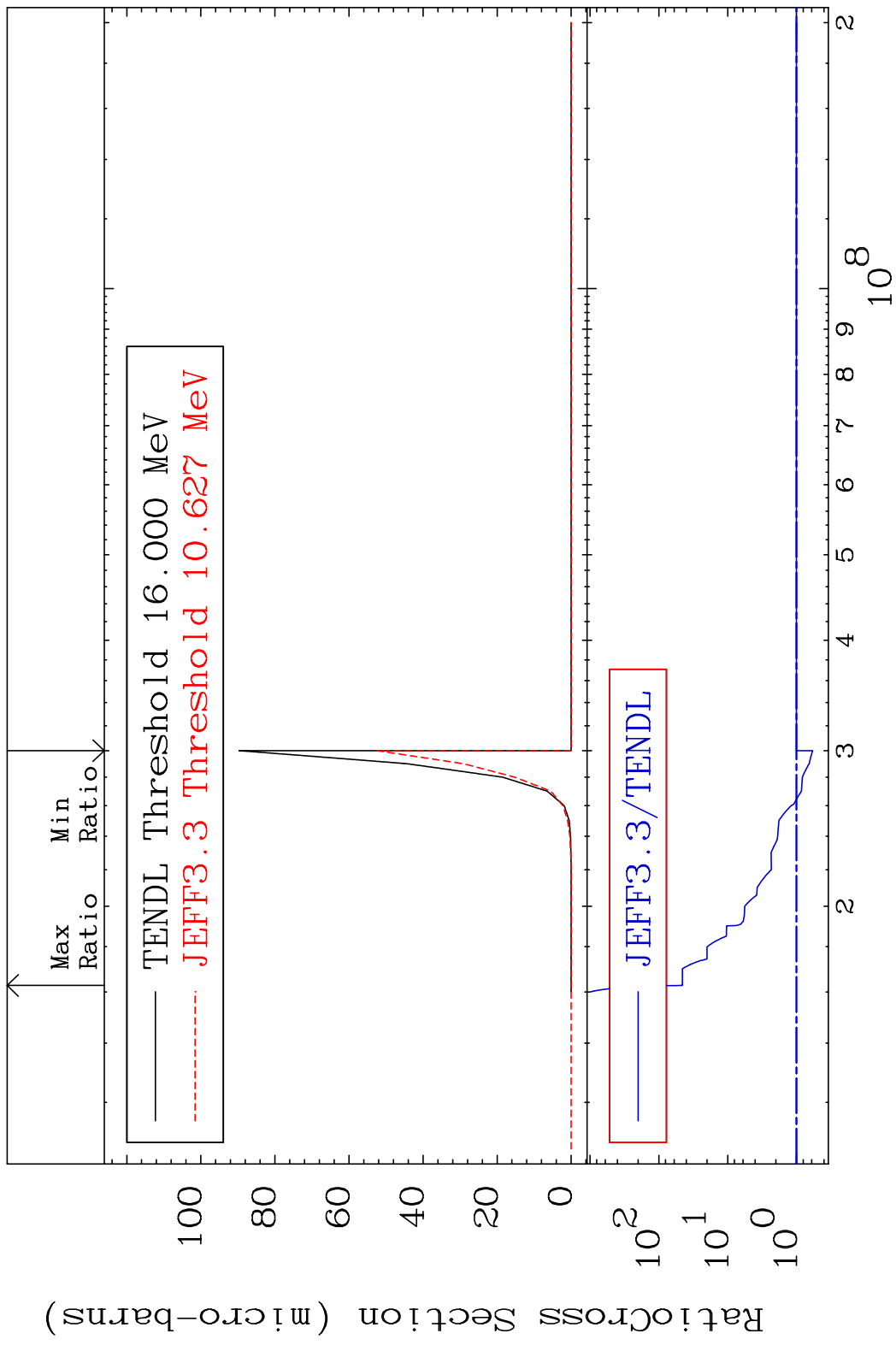


MAT 4625 (n,3n) p:45-Rh-99m1 46-Pd-102
 Radionuclide Production Cross Section Ratio 9999. %

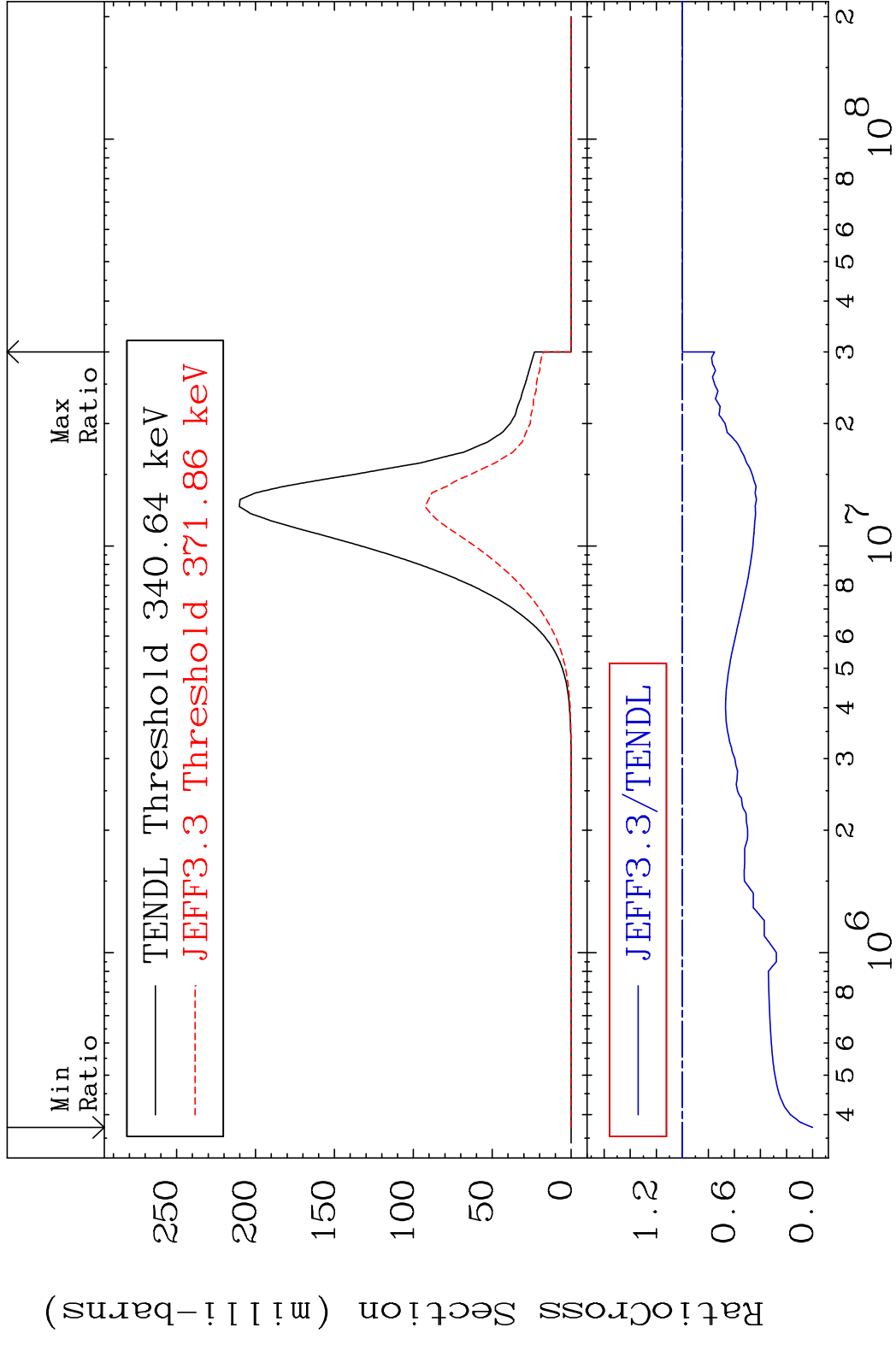


90 Incident Energy (MeV) 46-Pd-102

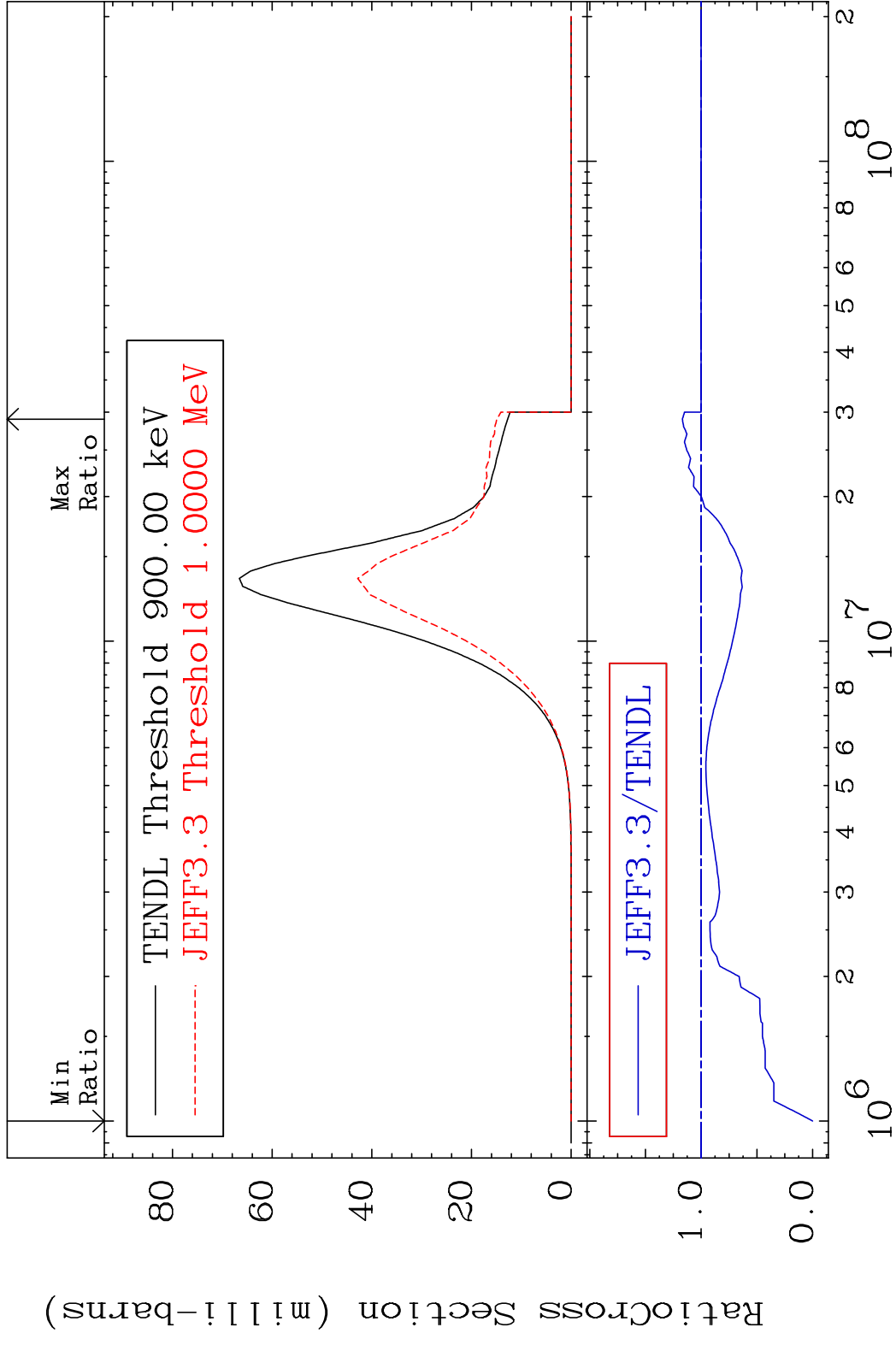




MAT 4625 (n,p):45-Rh-102g 46-Pd-102
 Radionuclide Production Cross Section 100.000 %
 0.000 %

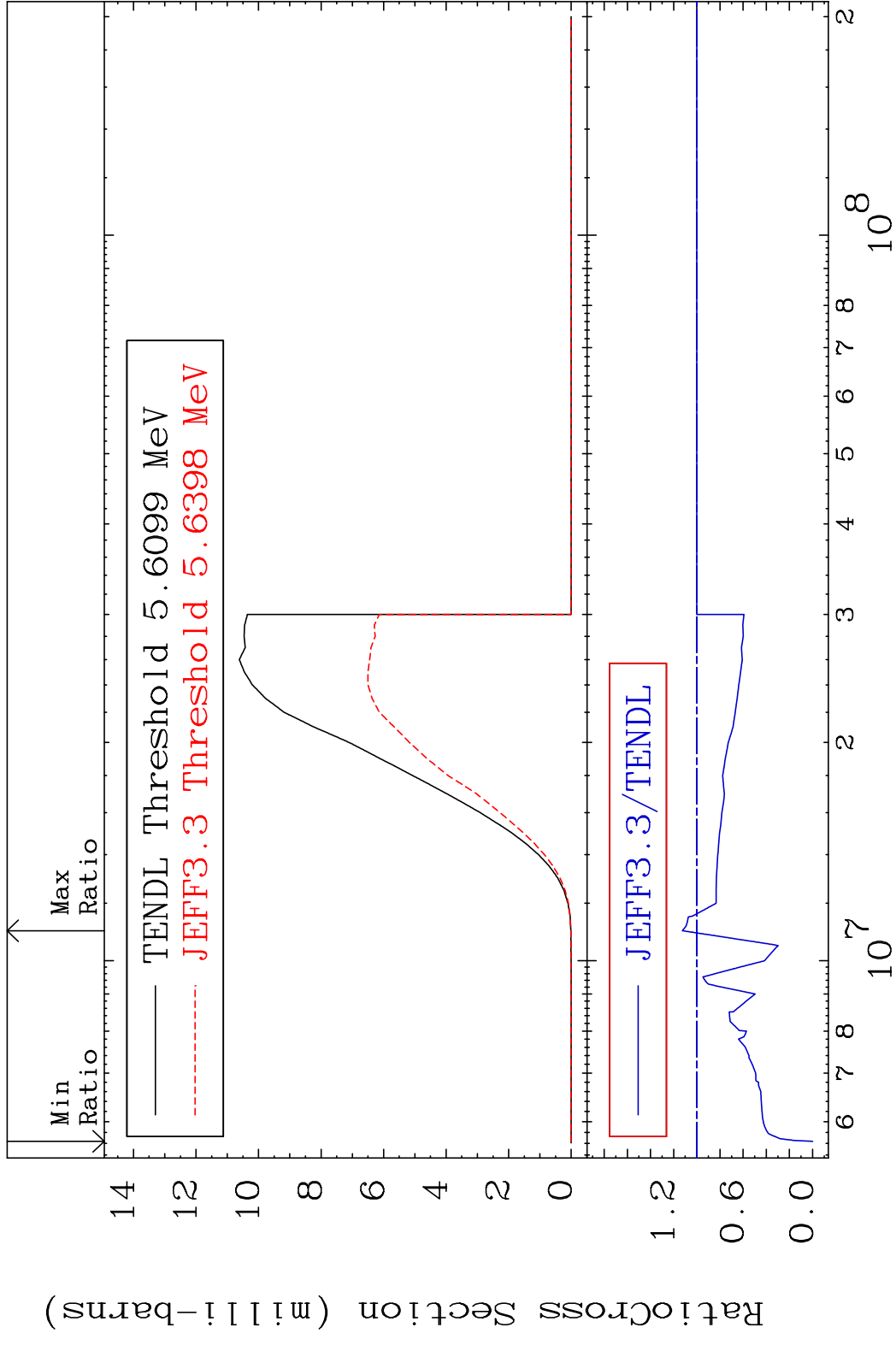


MAT 4625 (n, p): 45-Rh-102m5 46-Pd-102
 Radionuclide Production Cross Section 16.91 %

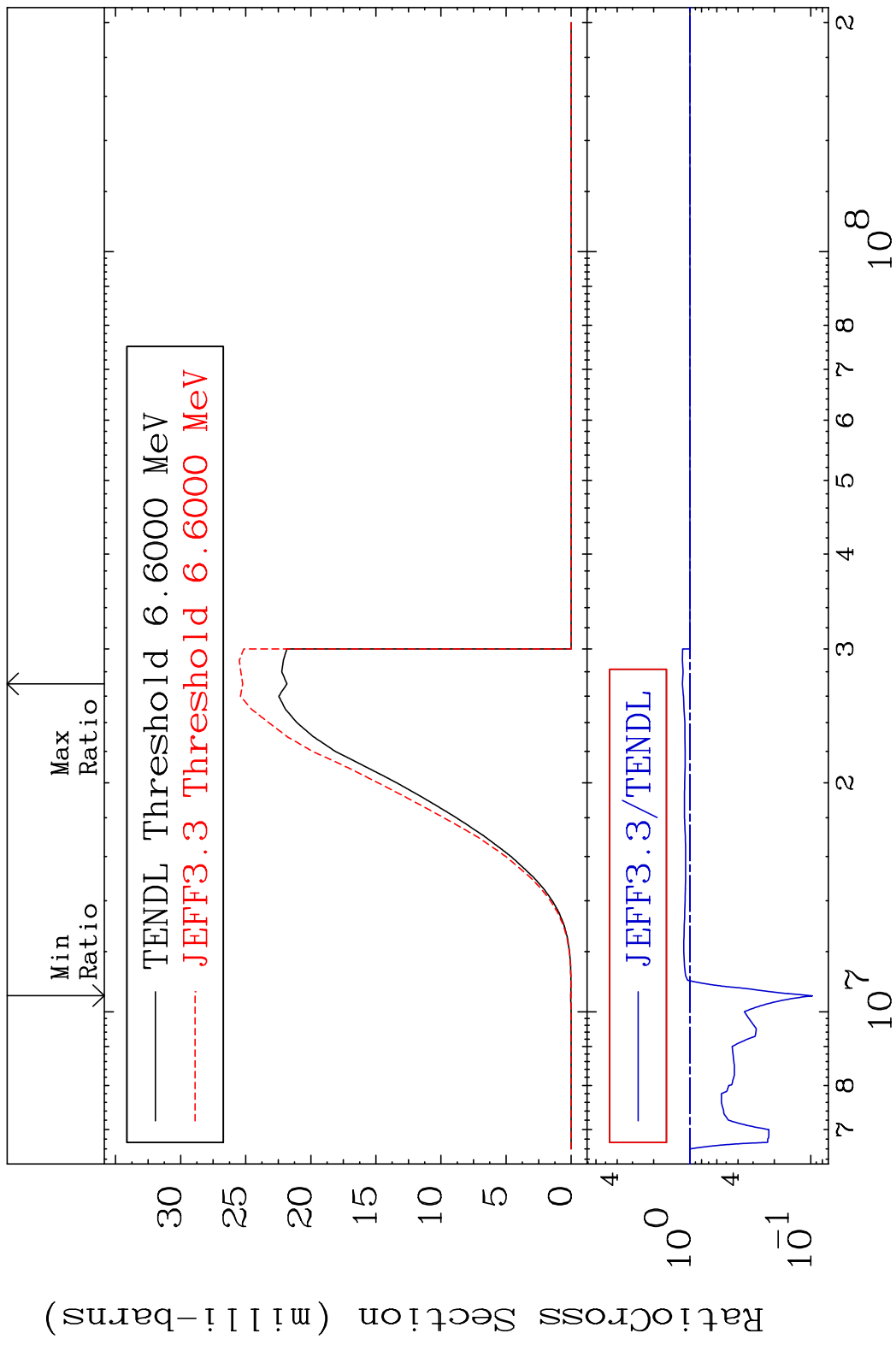


94 Incident Energy (eV) 46-Pd-102

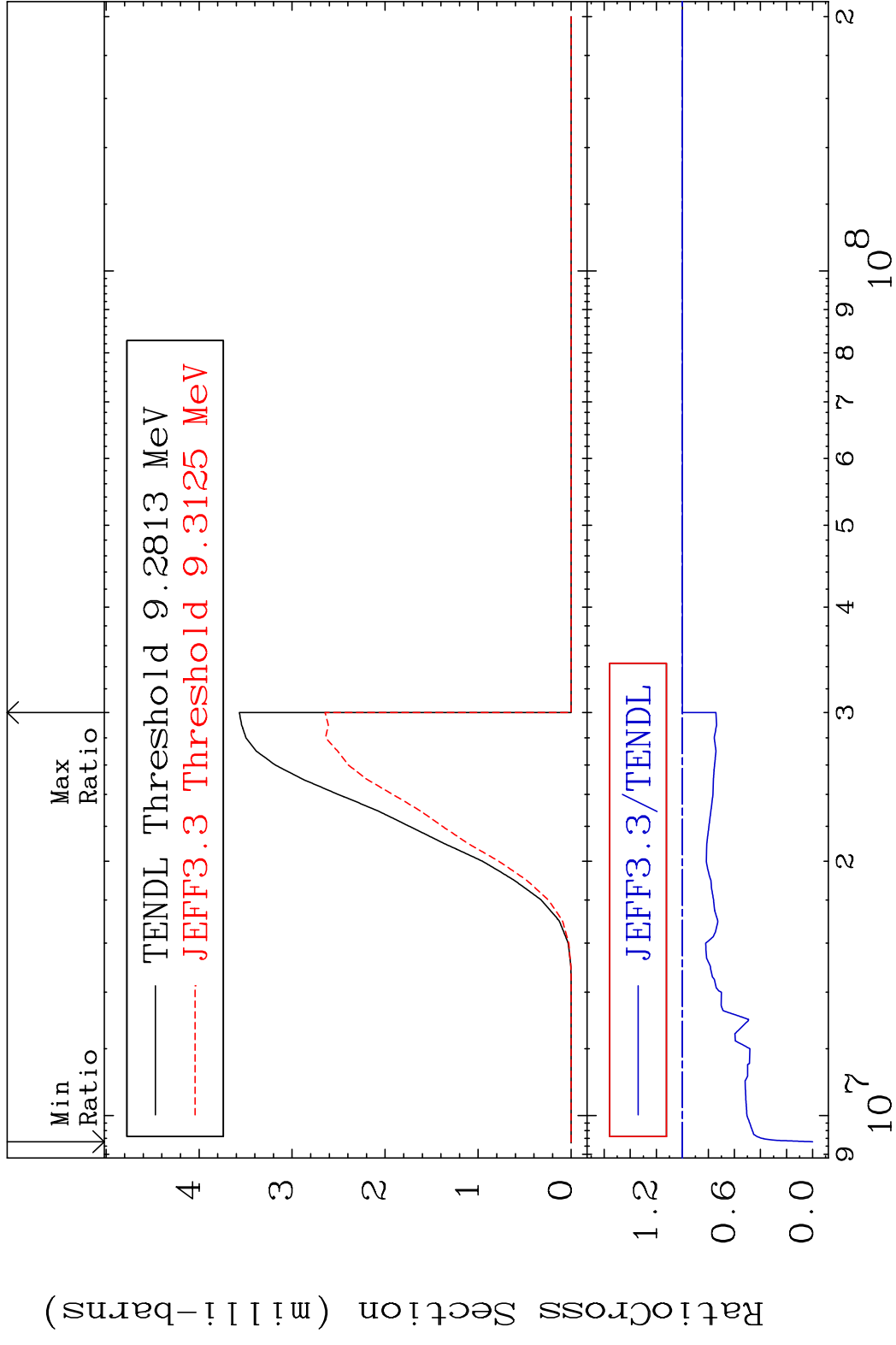
MAT 4625 (n, d) : 45-Rh-101g 46-Pd-102
 Radionuclide Production Cross Section 18.00 mb 12.49 %



MAT 4625 (n, d): 45-Rh-101m1 46-Pd-102
 Radionuclide Production Cross Section 98.35 dth 15.57 %

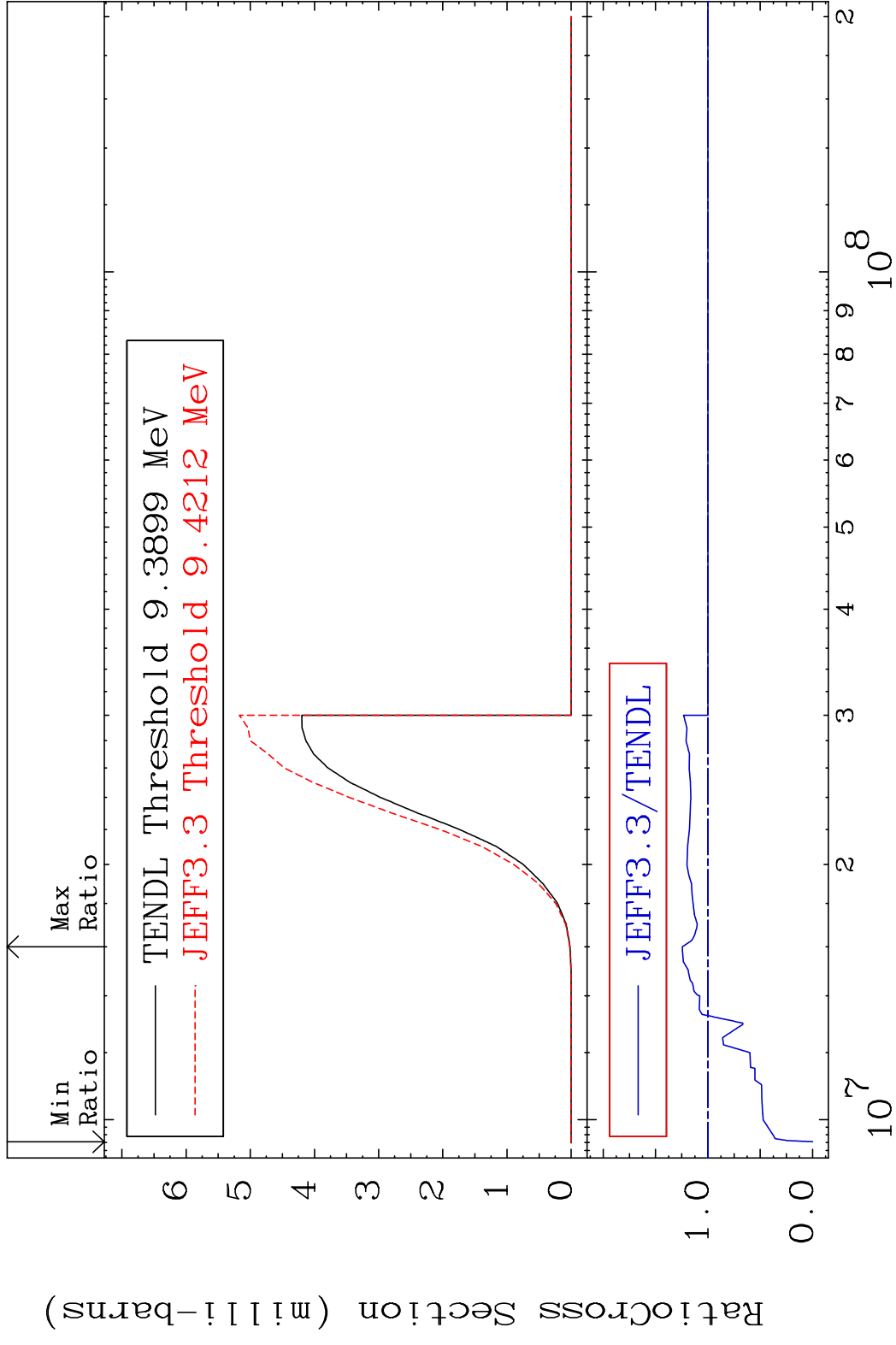


MAT 4625 (n, t): 45-Rh-100g 46-Pd-102
 Radionuclide Production Cross Section 180.01 dth 0.000 %



97 Incident Energy (eV) 46-Pd-102

MAT 4625 (n, t): 45-Rh-100m4 46-Pd-102
 Radionuclide Production Cross Section Ratio 24.42 %



98 Incident Energy (eV) 46-Pd-102

MAT 4625 (n, d) α :43-Tc-97g 46-Pd-102
 Radionuclide Production Cross Section 1800 dth 3117. %

