

Program Complot
(Version 2021-1)

by

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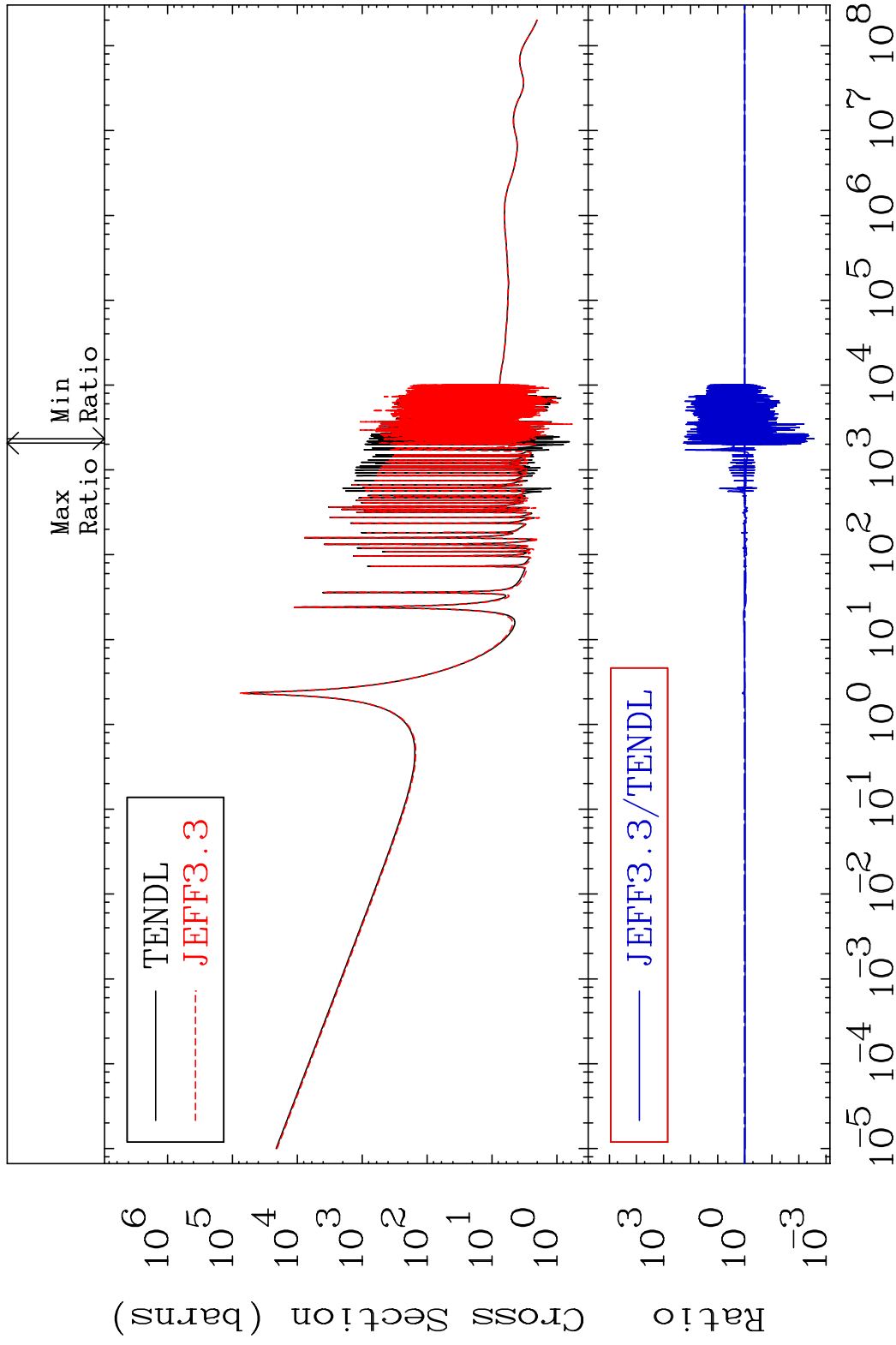
Press Mouse Button to Start

MAT 5234

Total

52-Te-123

Cross Section -99.72 To 9999. %



1

Incident Energy (eV)

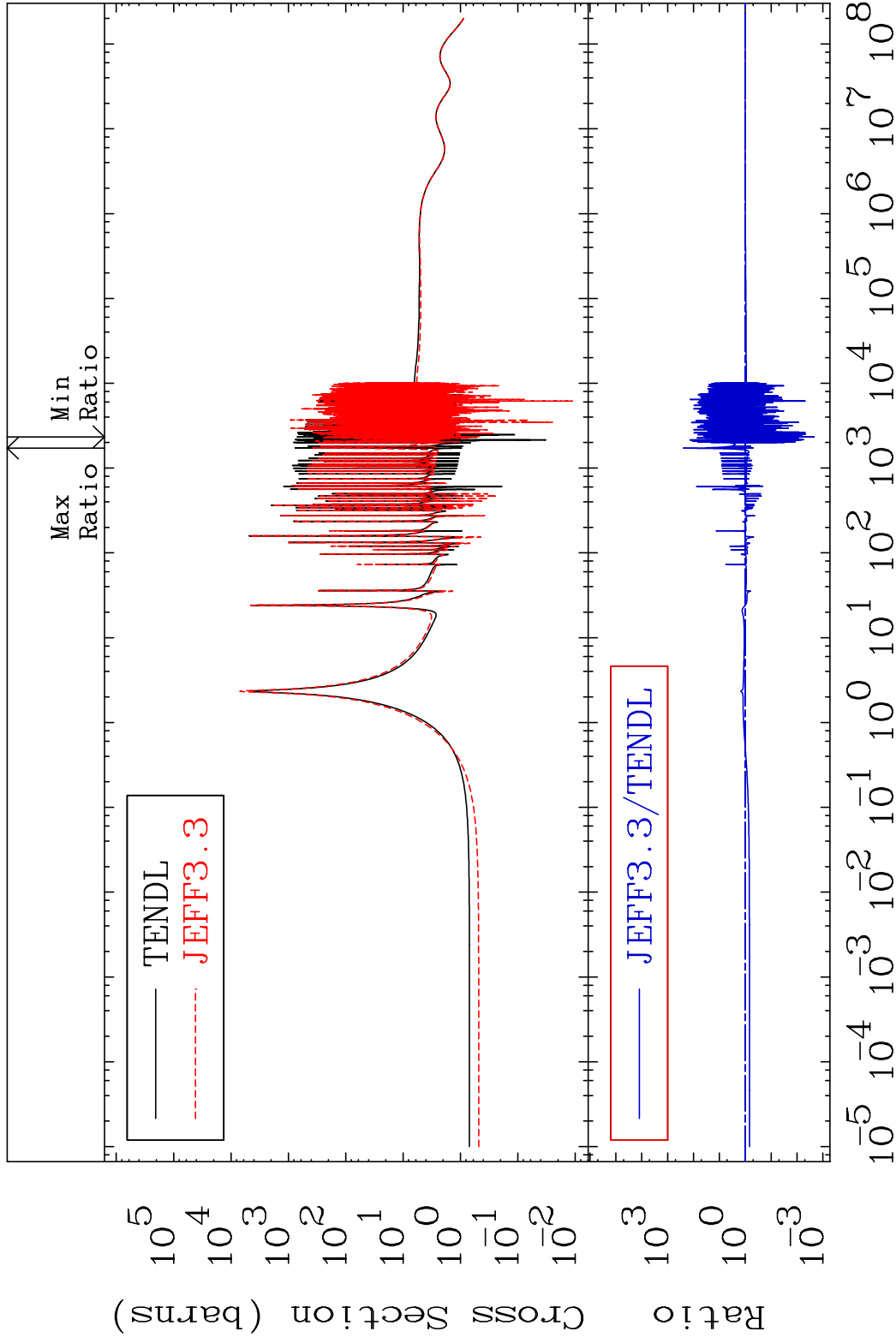
52-Te-123

MAT 5234

Elastic

52-Te-123

Cross Section -99.78 To 9999. %

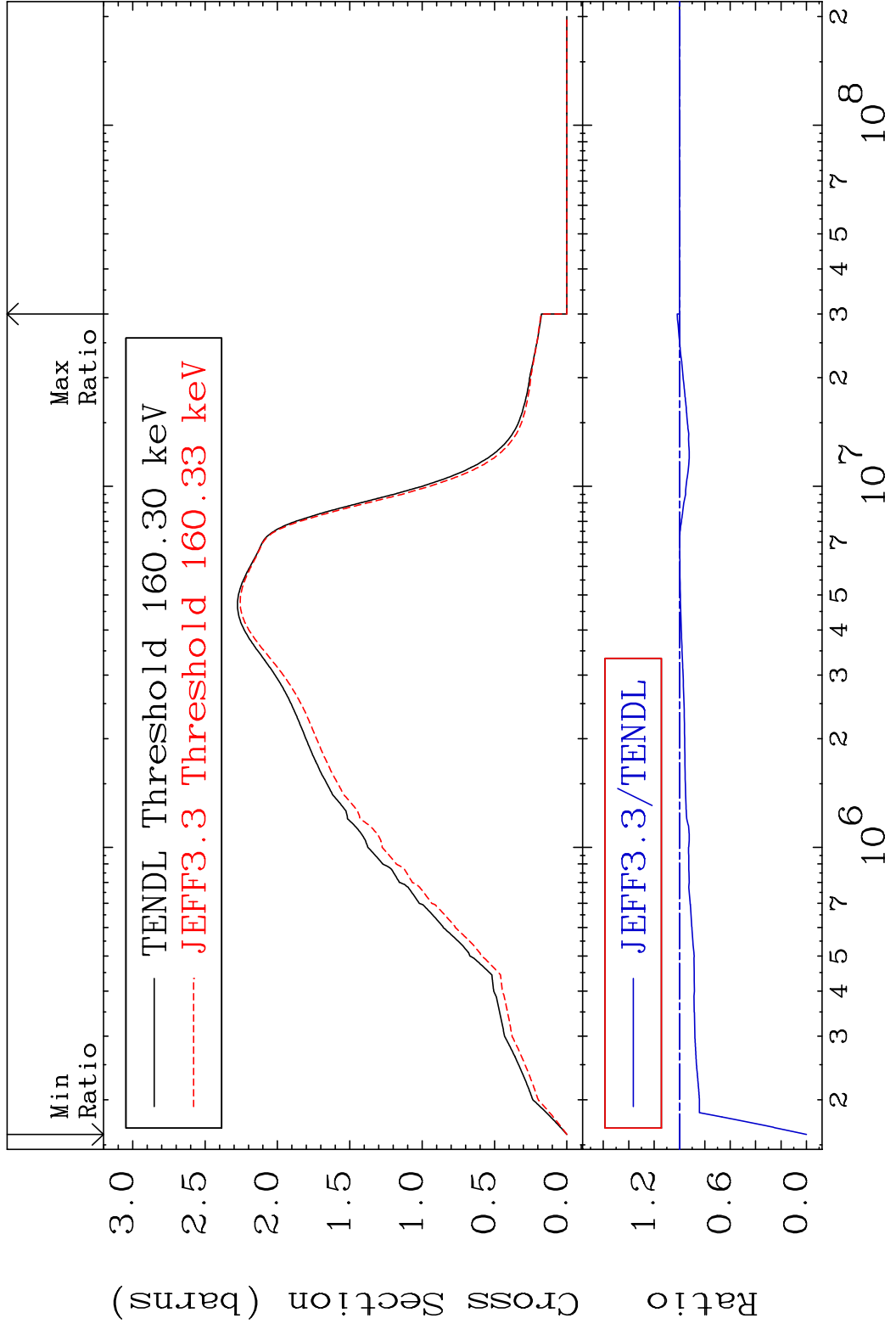


2

Incident Energy (eV)

52-Te-123

MAT 5234 Inelastic 52-Te-123
 Cross Section -100.0 To 1.807 %

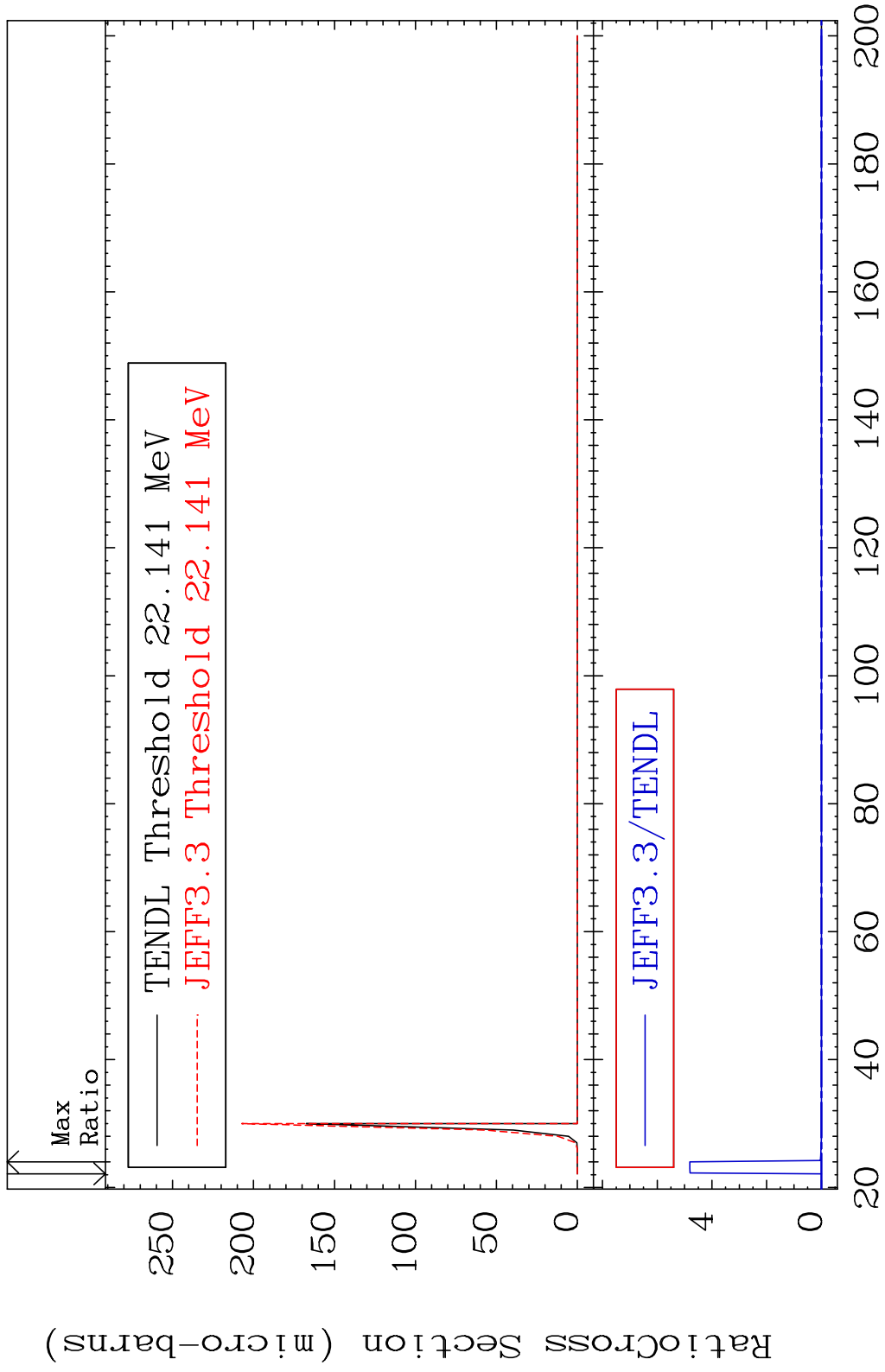


MAT 5234

(n,2n) d

52-Te-123

Cross Section -100.0 To 9999. %



4

Incident Energy (MeV)

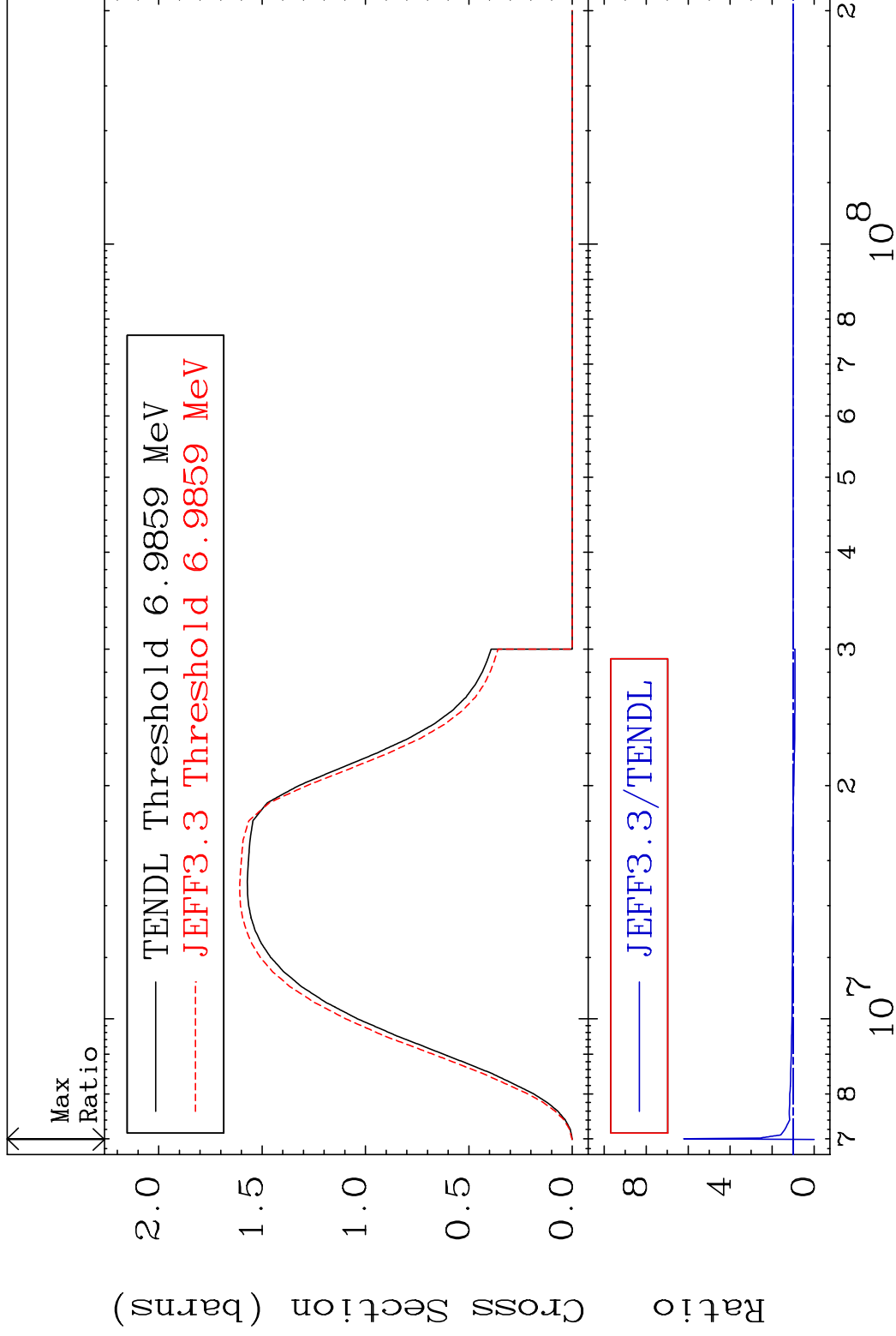
52-Te-123

MAT 5234

(n,2n)

52-Te-123

Cross Section -100.0 To 521.6 %



5

Incident Energy (eV)

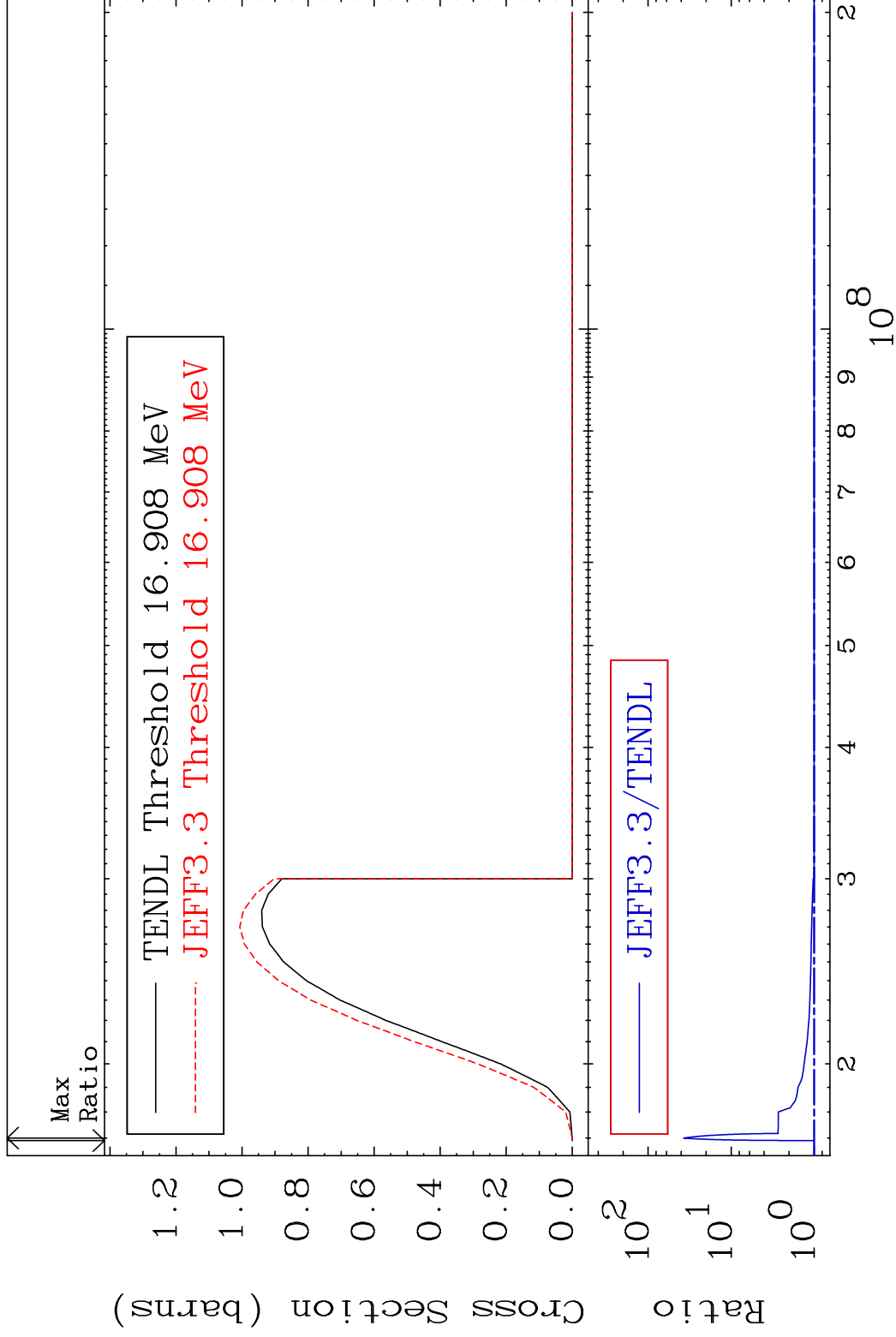
52-Te-123

MAT 5234

(n,3n)

52-Te-123

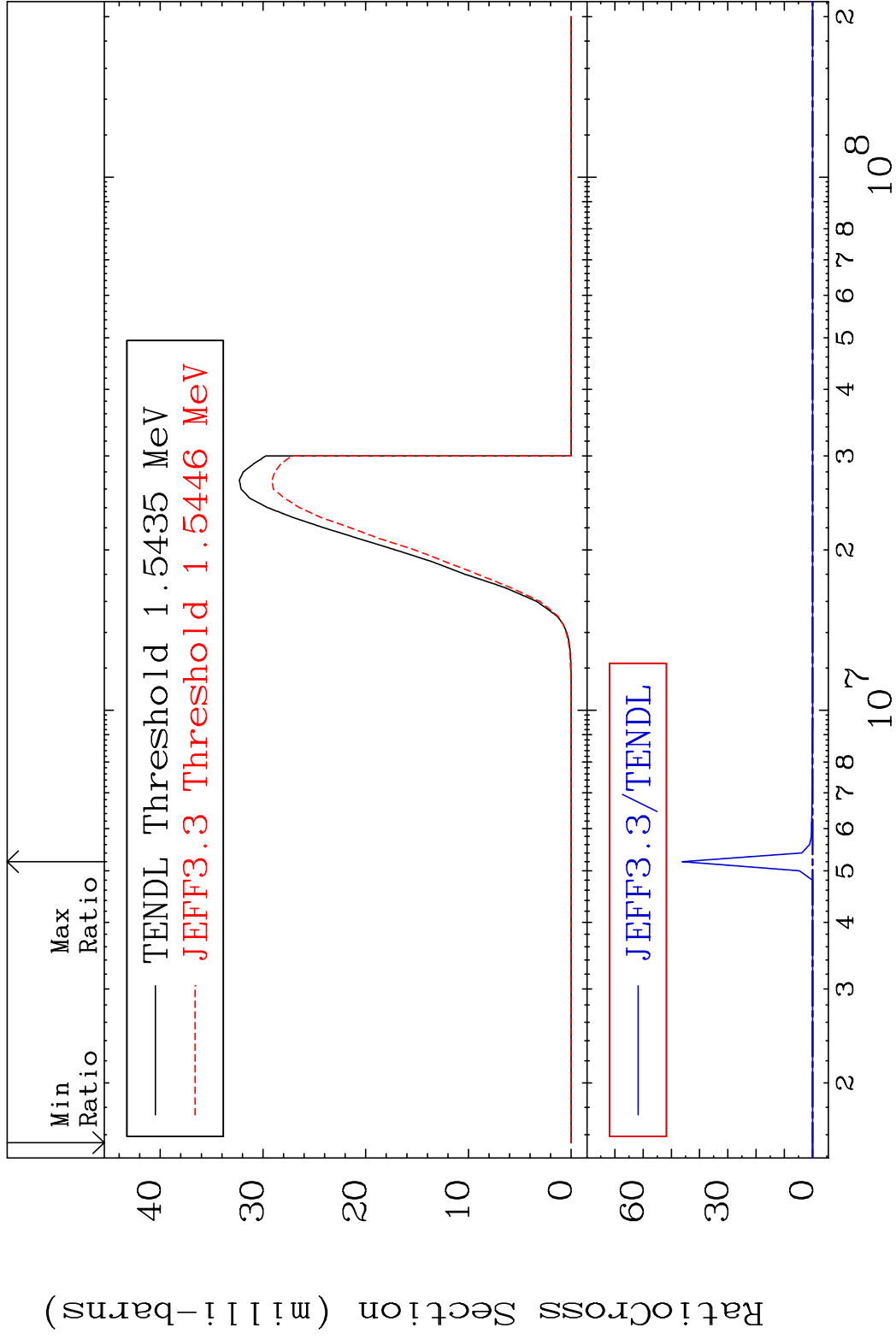
Cross Section 0.000 To 3630. %



MAT 5234

(n, n') α 52-Te-123

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

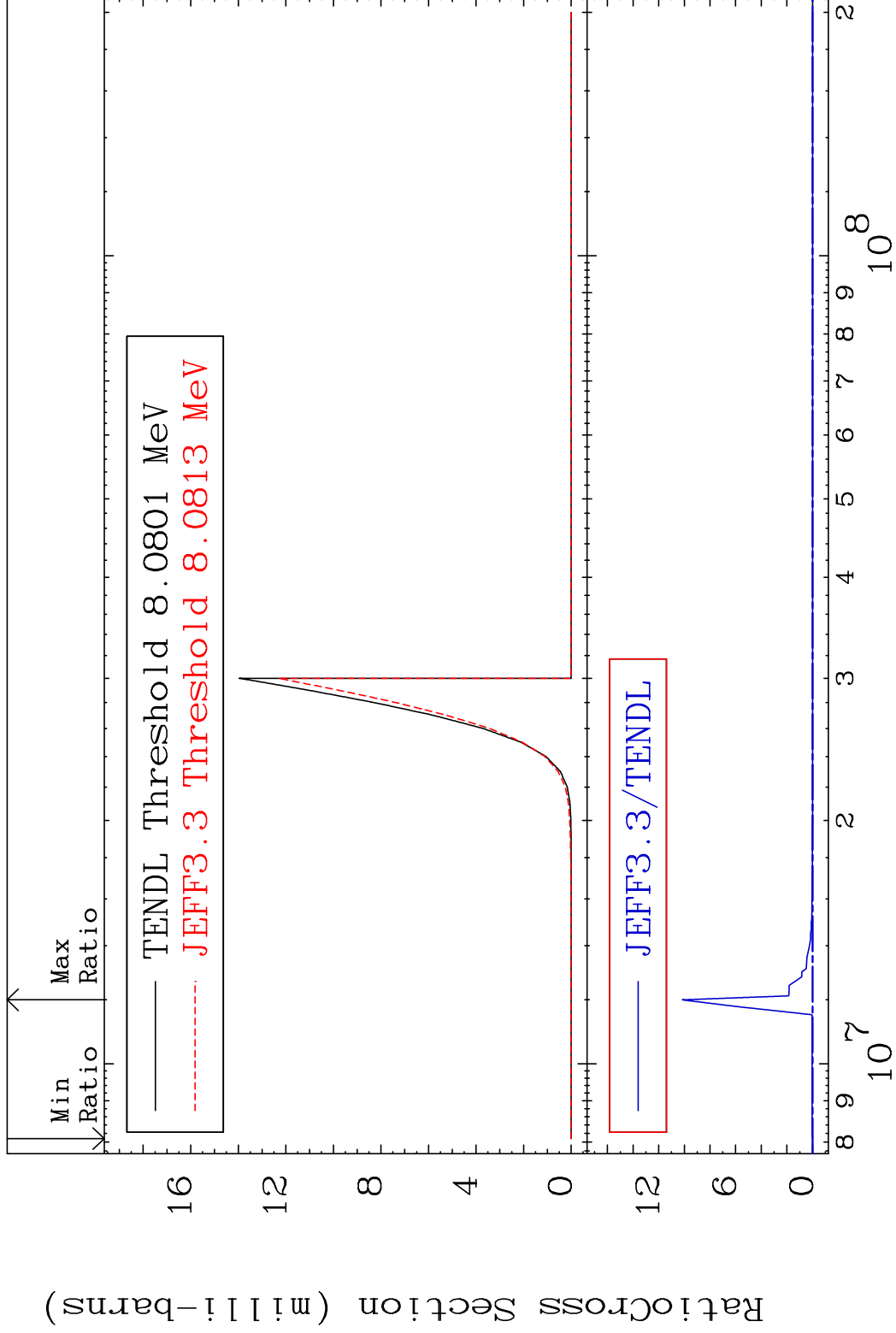
52-Te-123

MAT 5234

(n,2n) α

52-Te-123

Cross Section -100.0 To 9999. %

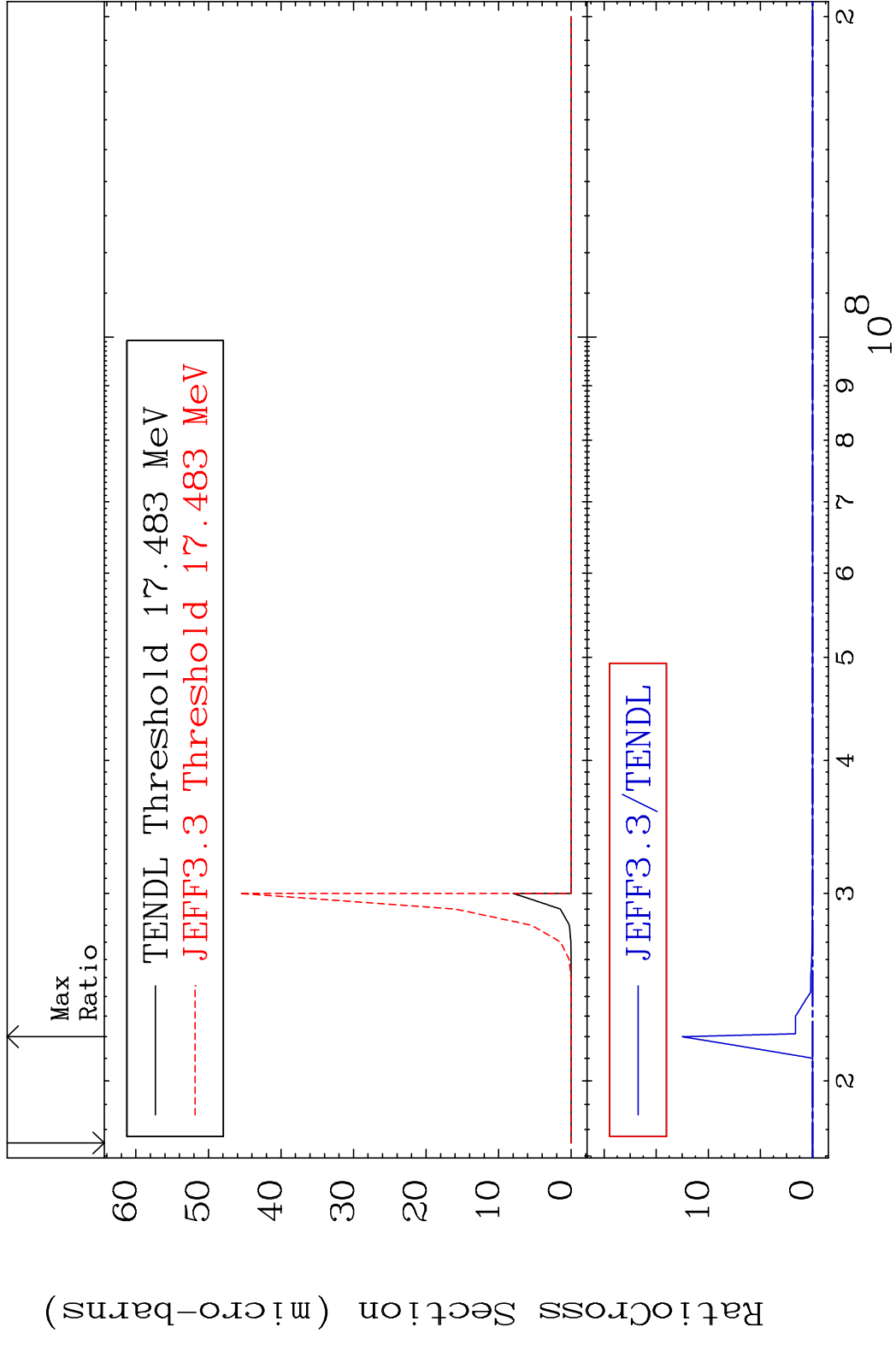


8

Incident Energy (eV)

52-Te-123

MAT 5234 (n,3n) α 52-Te-123
 Cross Section -100.0 To 9999. %

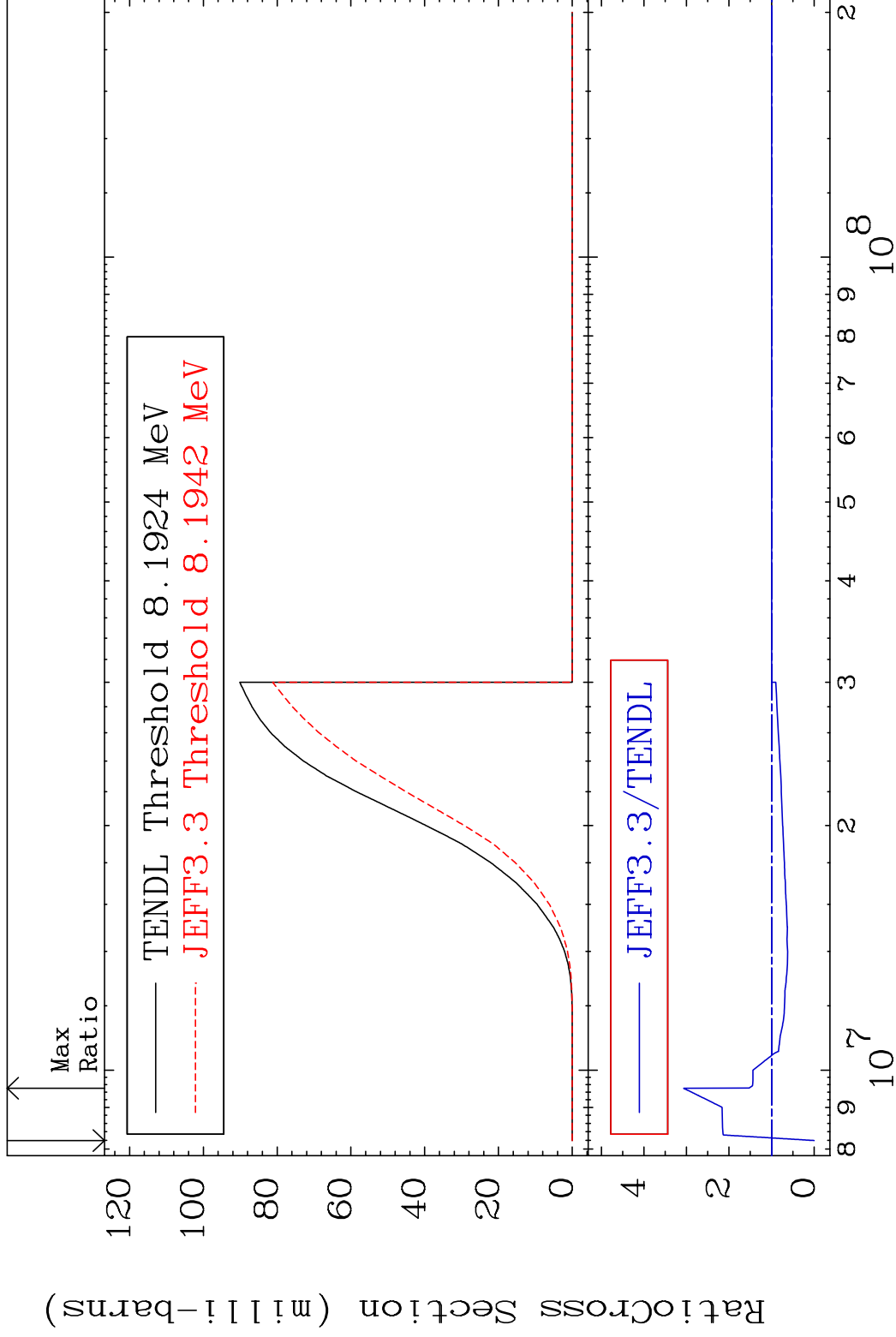


MAT 5234

(n, n') p

52-Te-123

Cross Section -100.0 To 206.6 %



10

Incident Energy (eV)

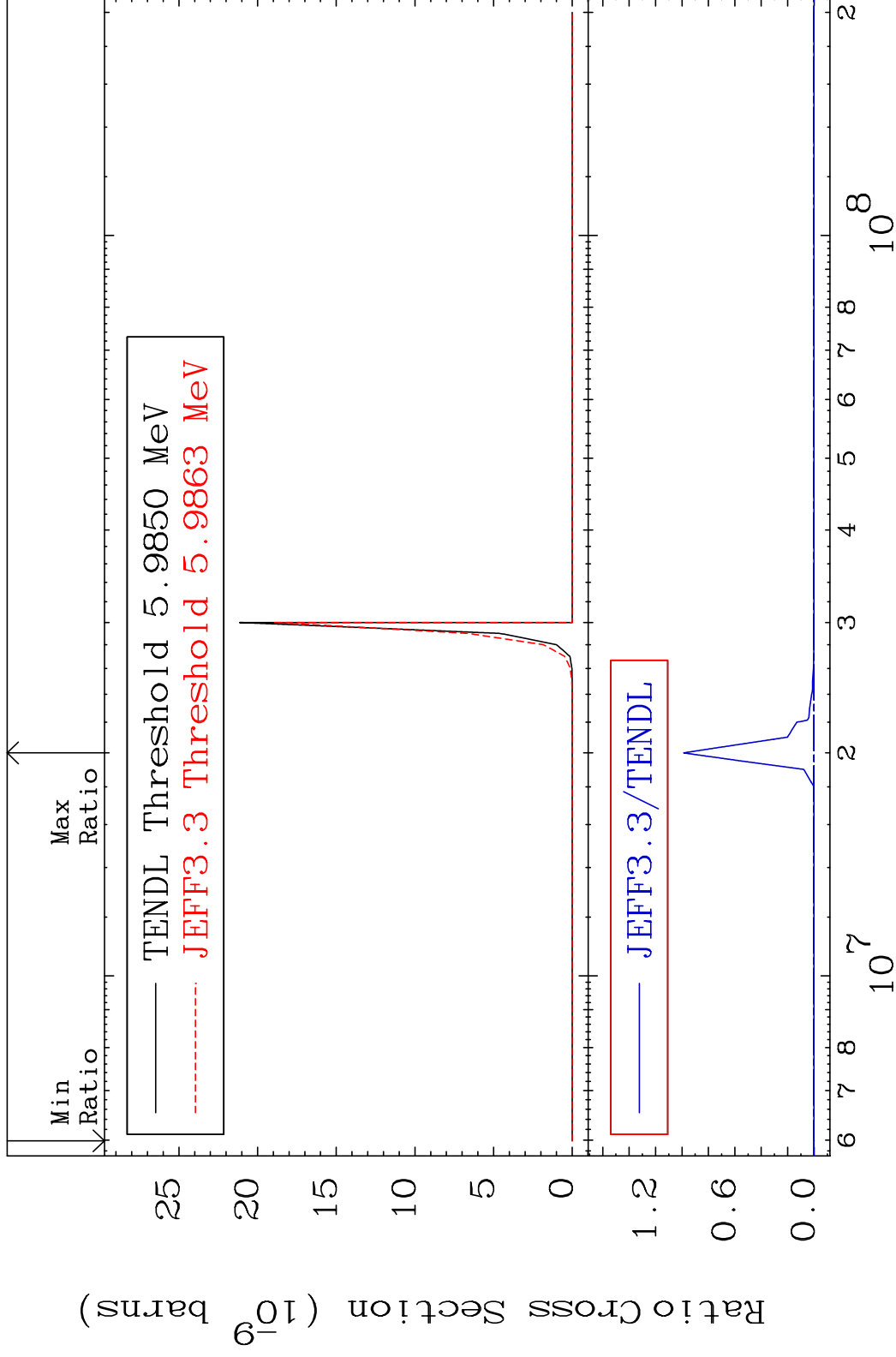
52-Te-123

MAT 5234

(n, n') 2α

52-Te-123

Cross Section -100.0 To 9999. %

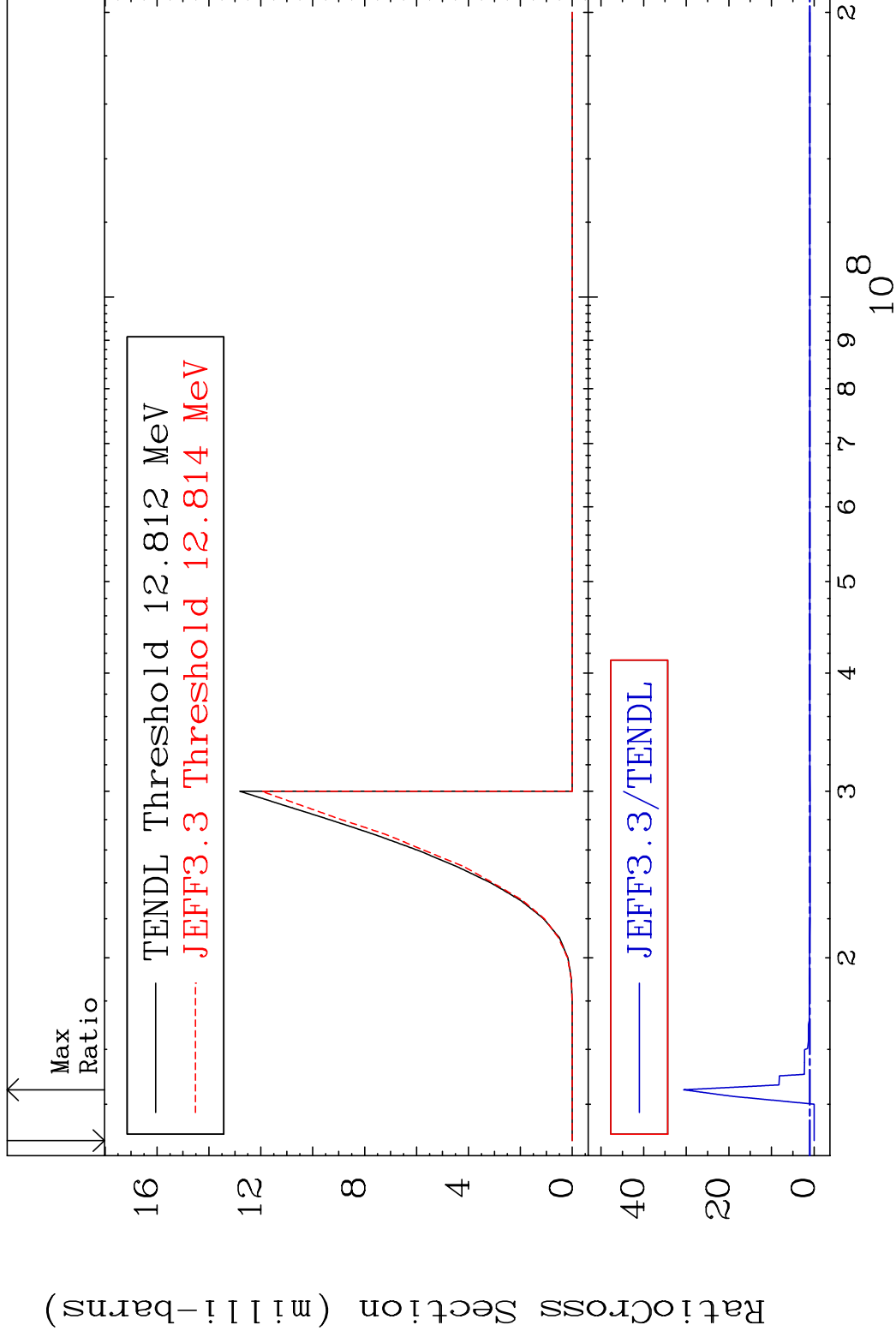


MAT 5234

(n, n') d

52-Te-123

Cross Section -100.0 To 2962. %

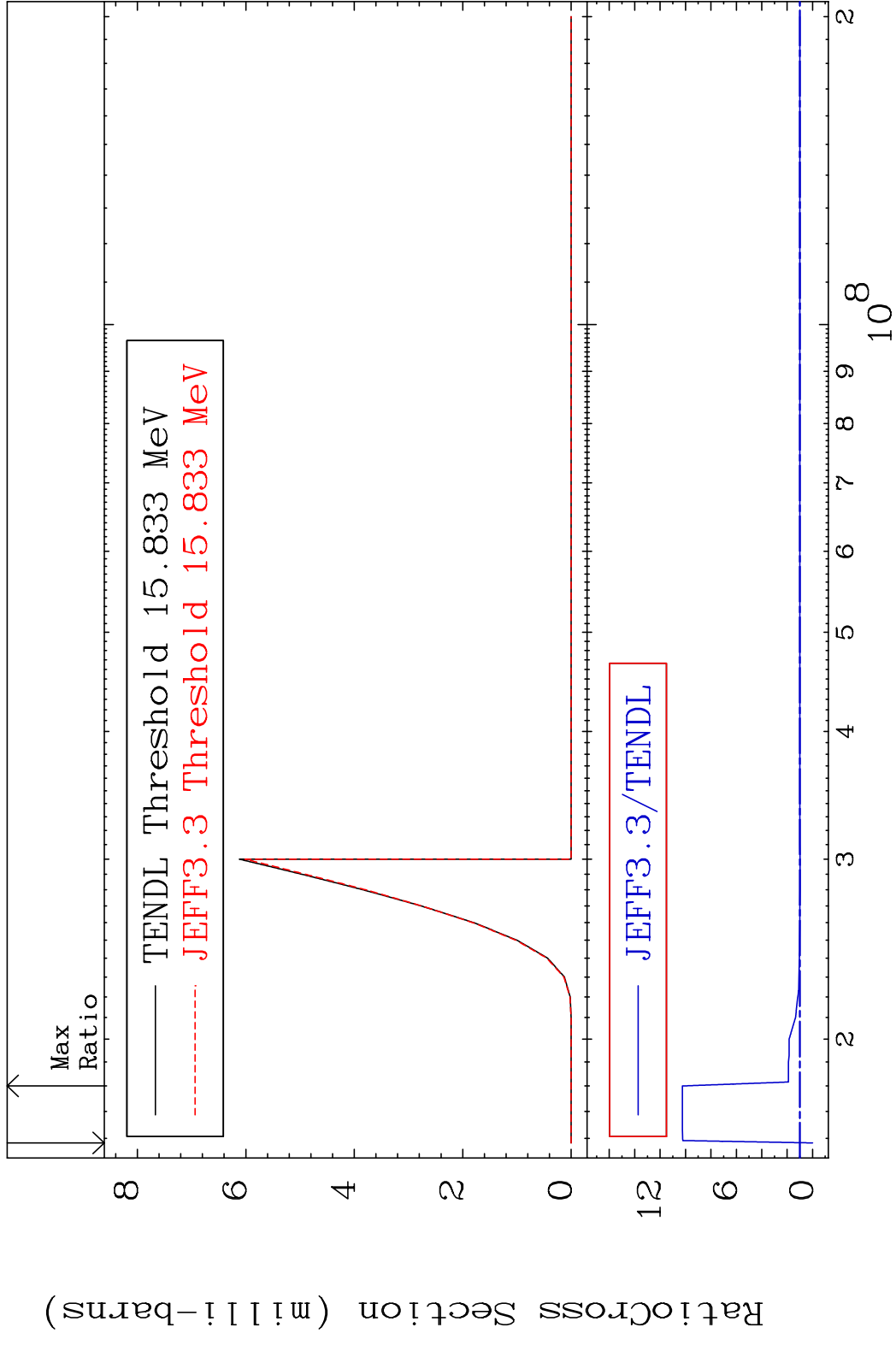


12

Incident Energy (eV)

52-Te-123

MAT 5234 (n, n') t 52-Te-123
 Cross Section -100.0 To 924.9 %

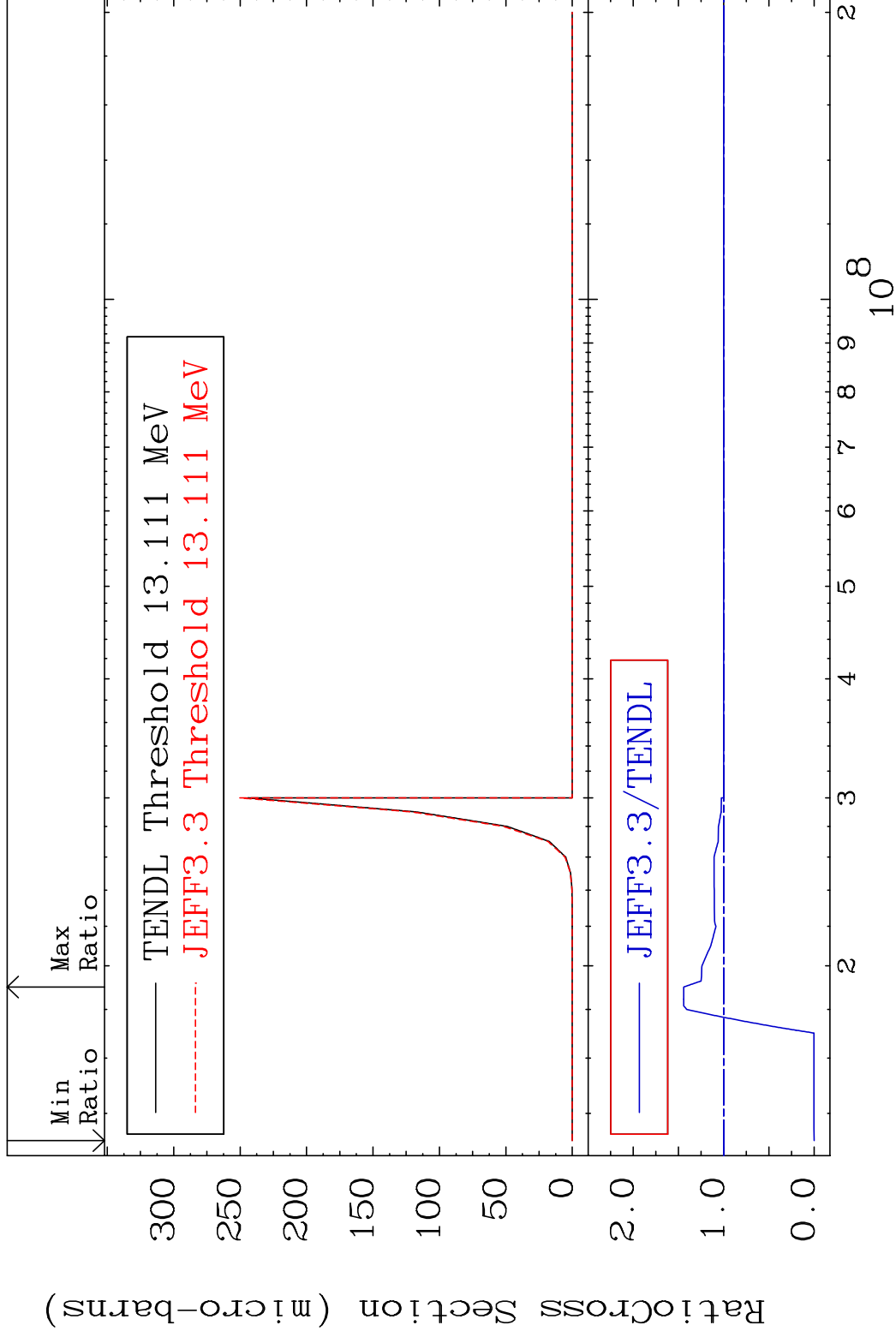


MAT 5234

(n,n') He-3

52-Te-123

Cross Section -100.0 To 44.25 %

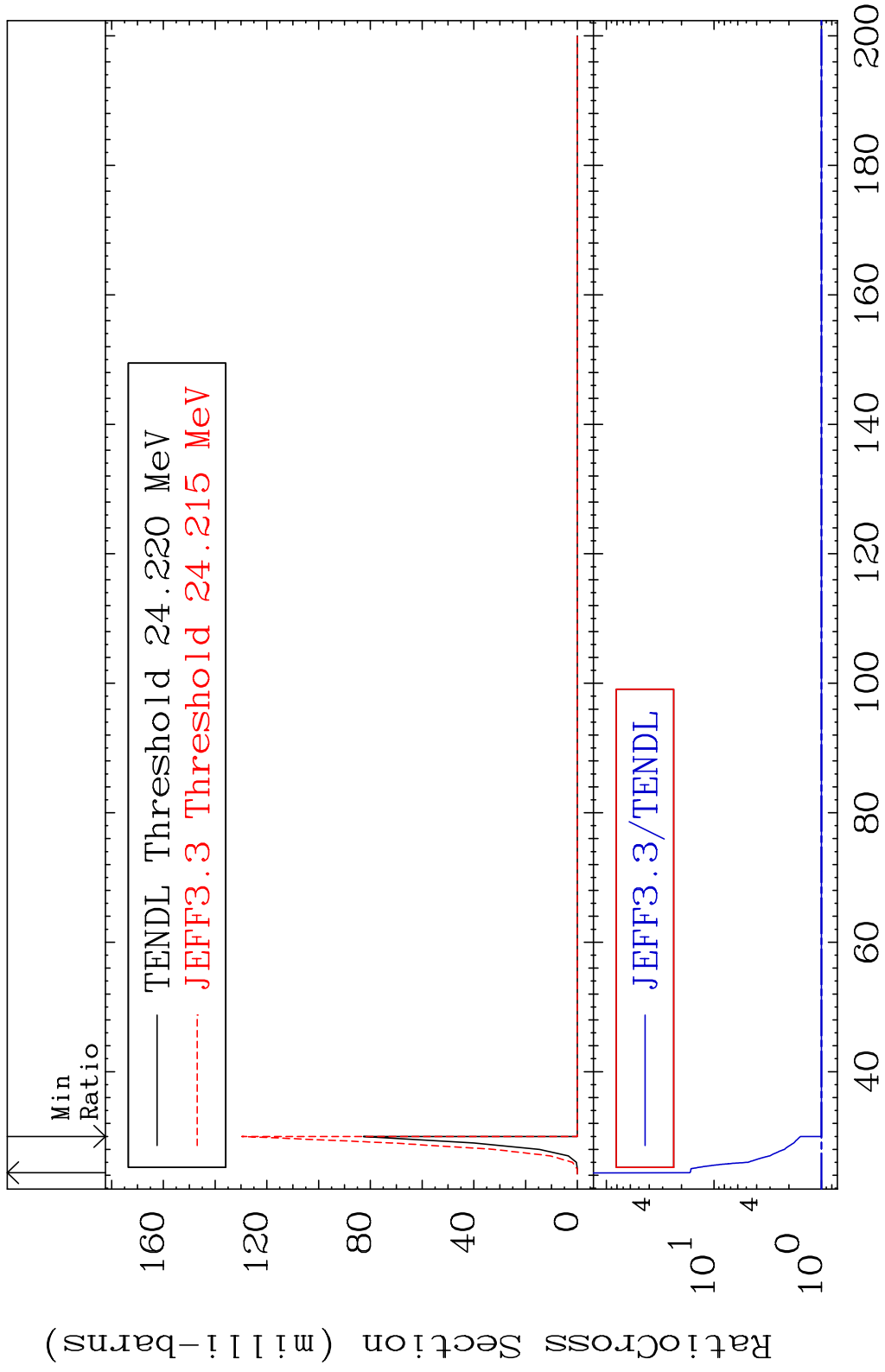


MAT 5234

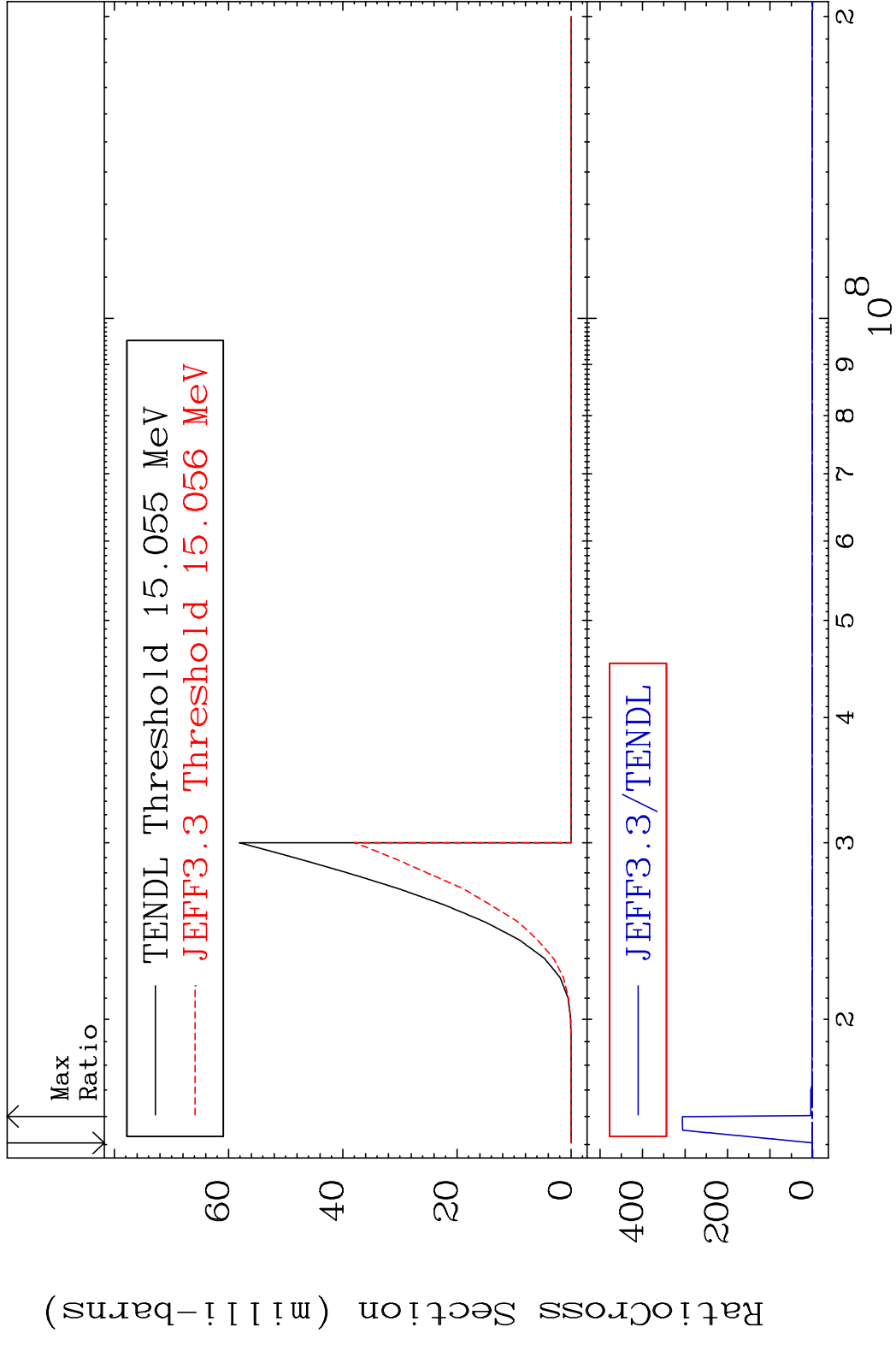
(n,4n)

52-Te-123

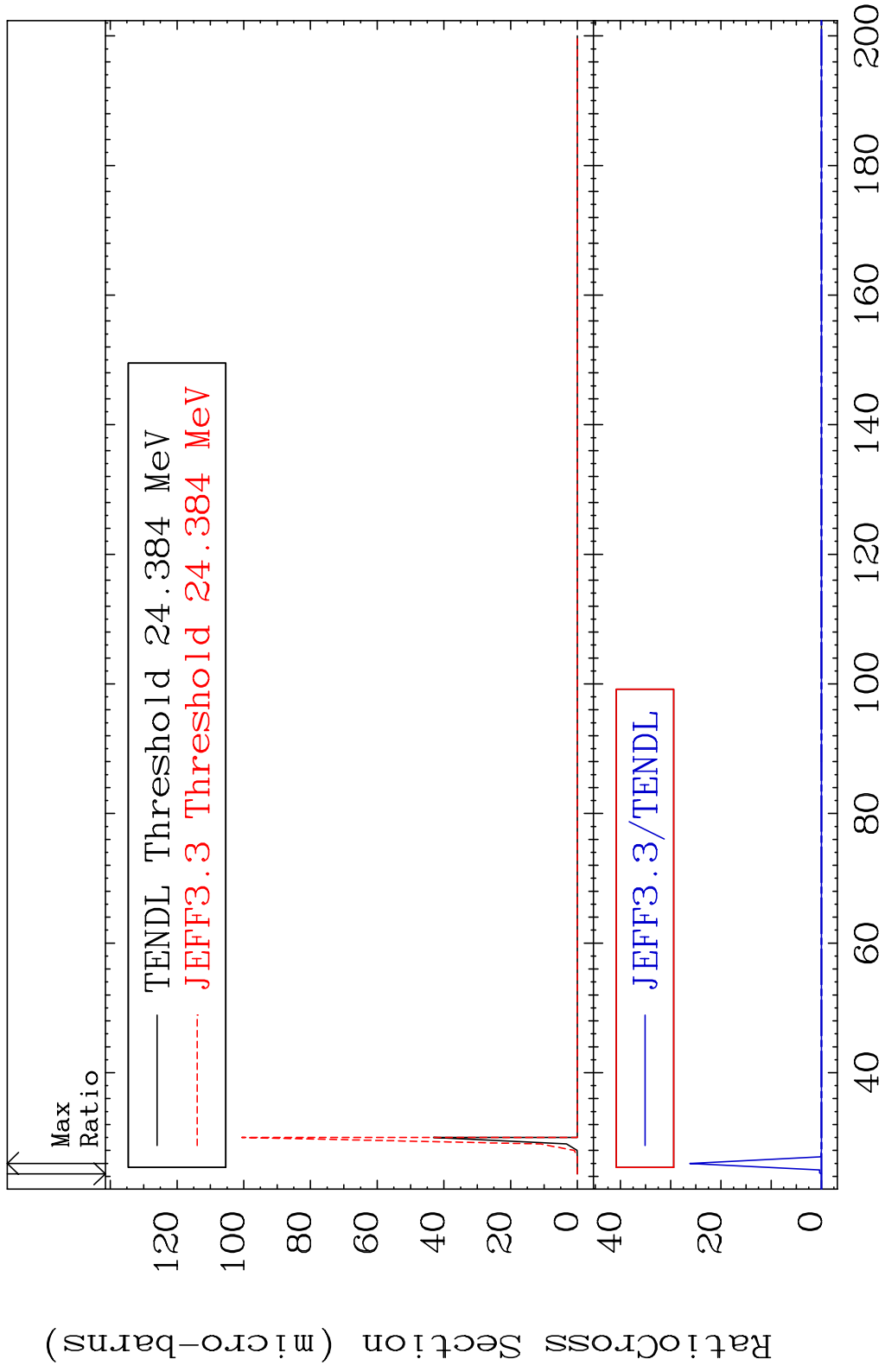
Cross Section 0.000 To 1578. %



MAT 5234 (n,2n) p 52-Te-123
 Cross Section -100.0 To 9999. %



MAT 5234 (n,3n) p 52-Te-123
 Cross Section -100.0 To 9999. %

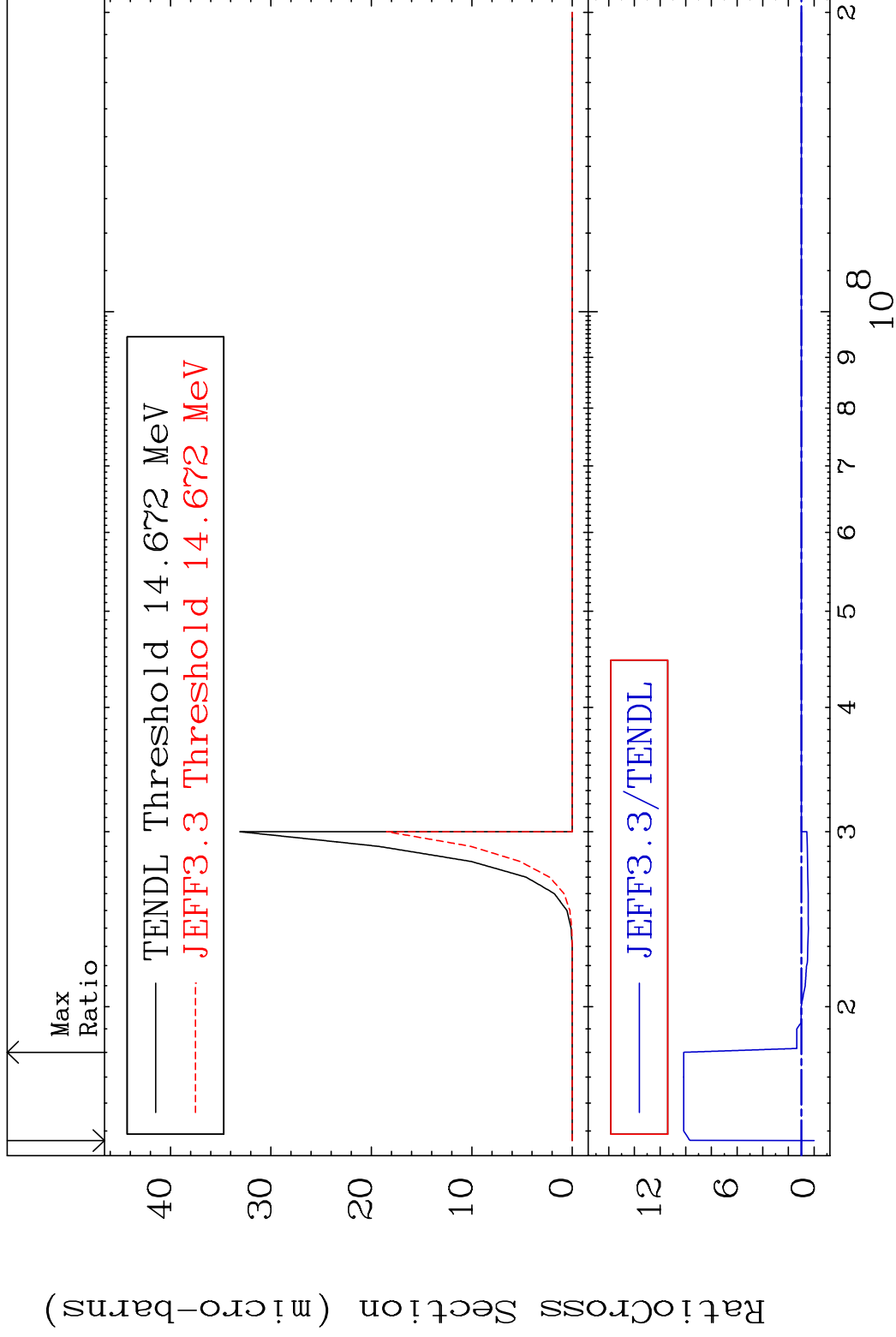


MAT 5234

(n,2n) p

52-Te-123

Cross Section -100.0 To 916.2 %



18

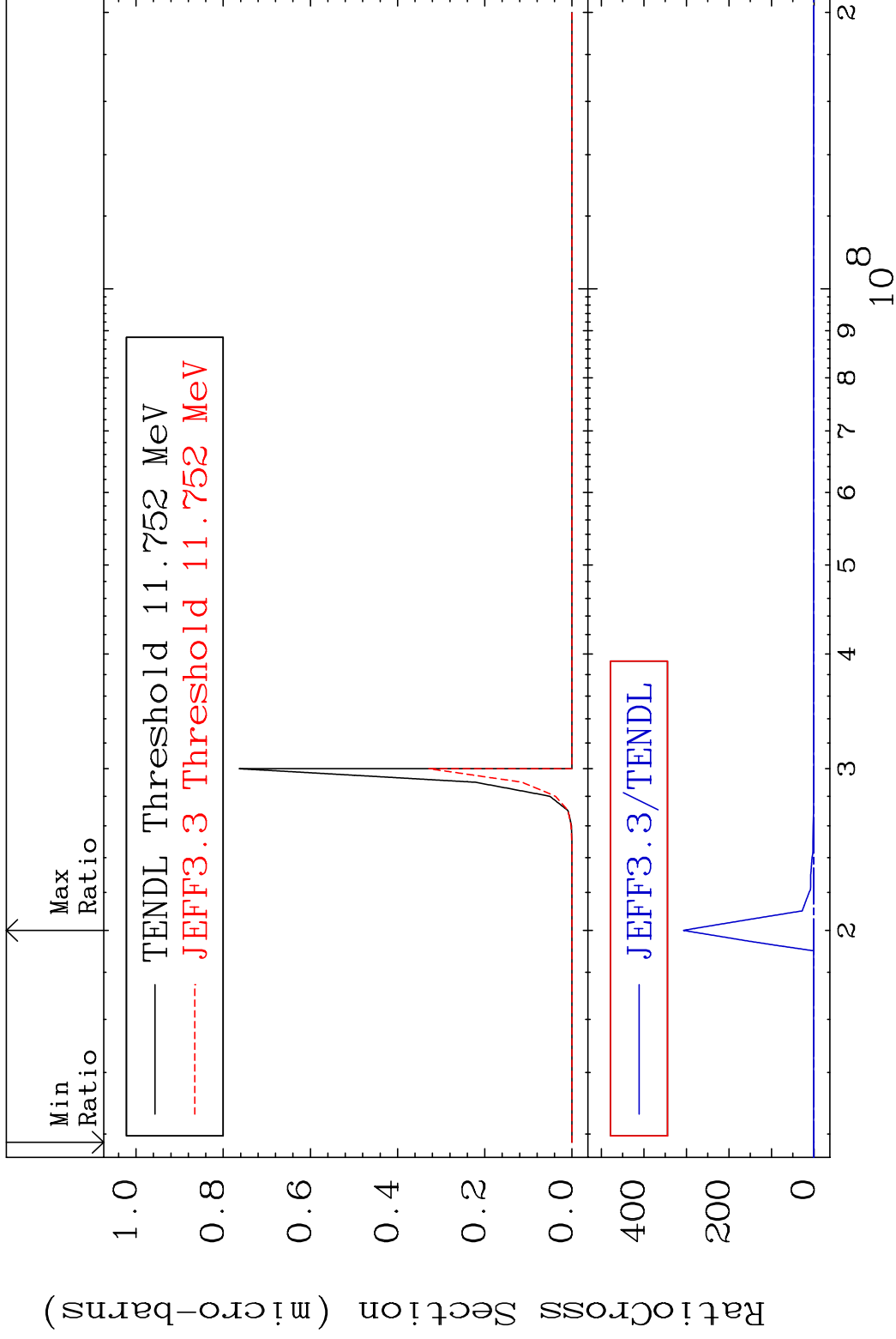
Incident Energy (eV)

52-Te-123

MAT 5234

(n,n') p α 52-Te-123

Cross Section -100.0 To 9999. %

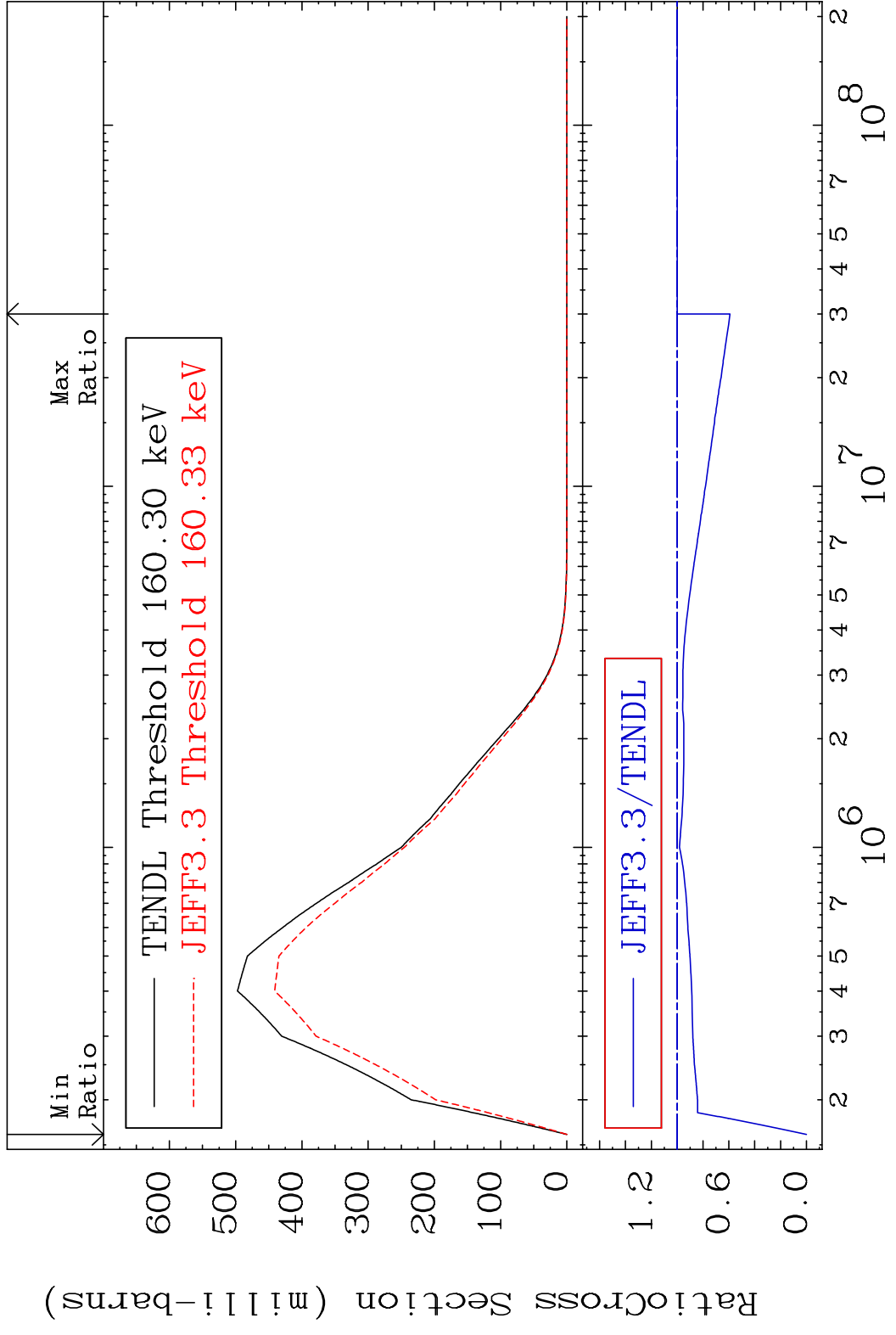


19

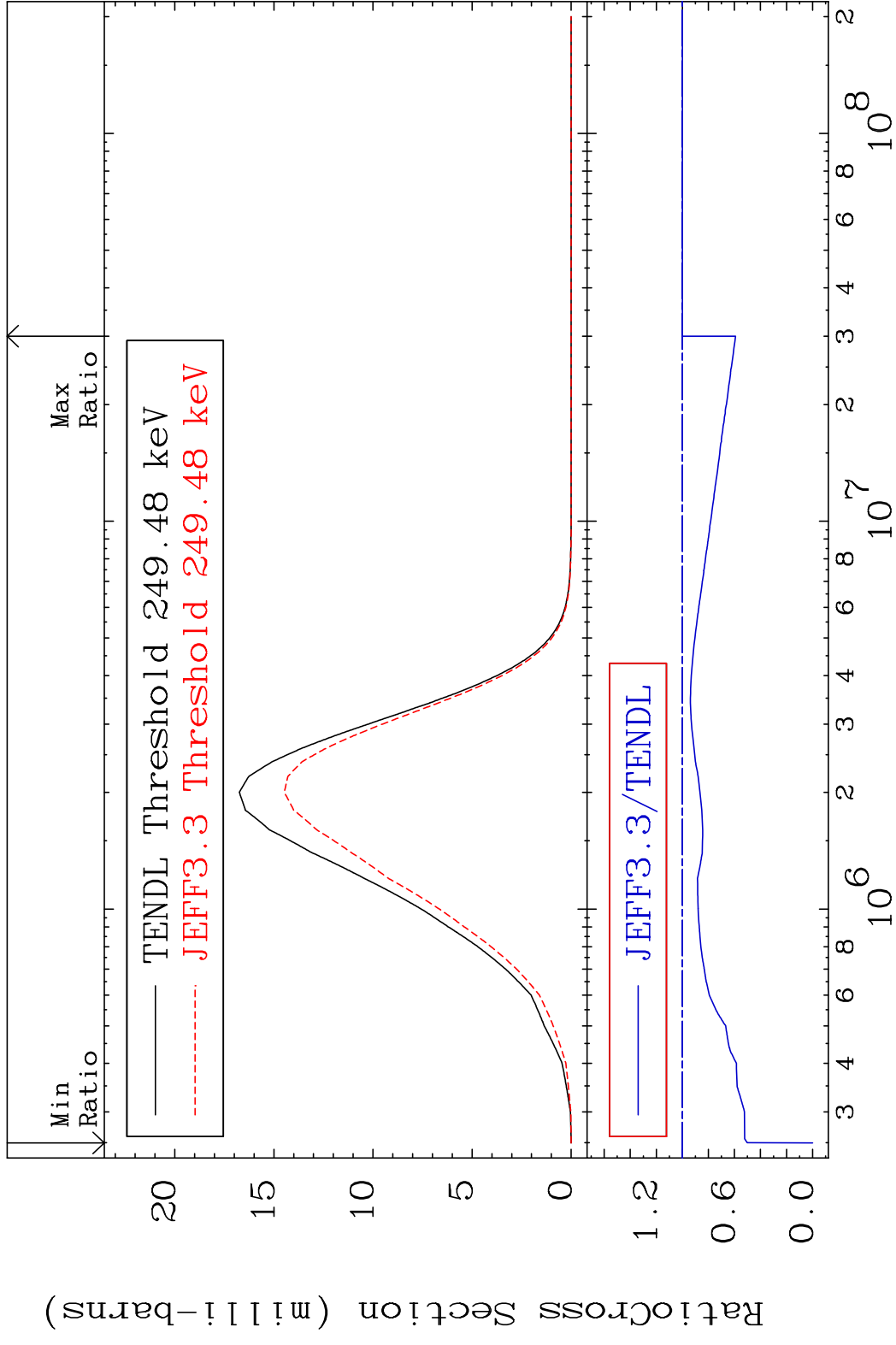
Incident Energy (eV)

52-Te-123

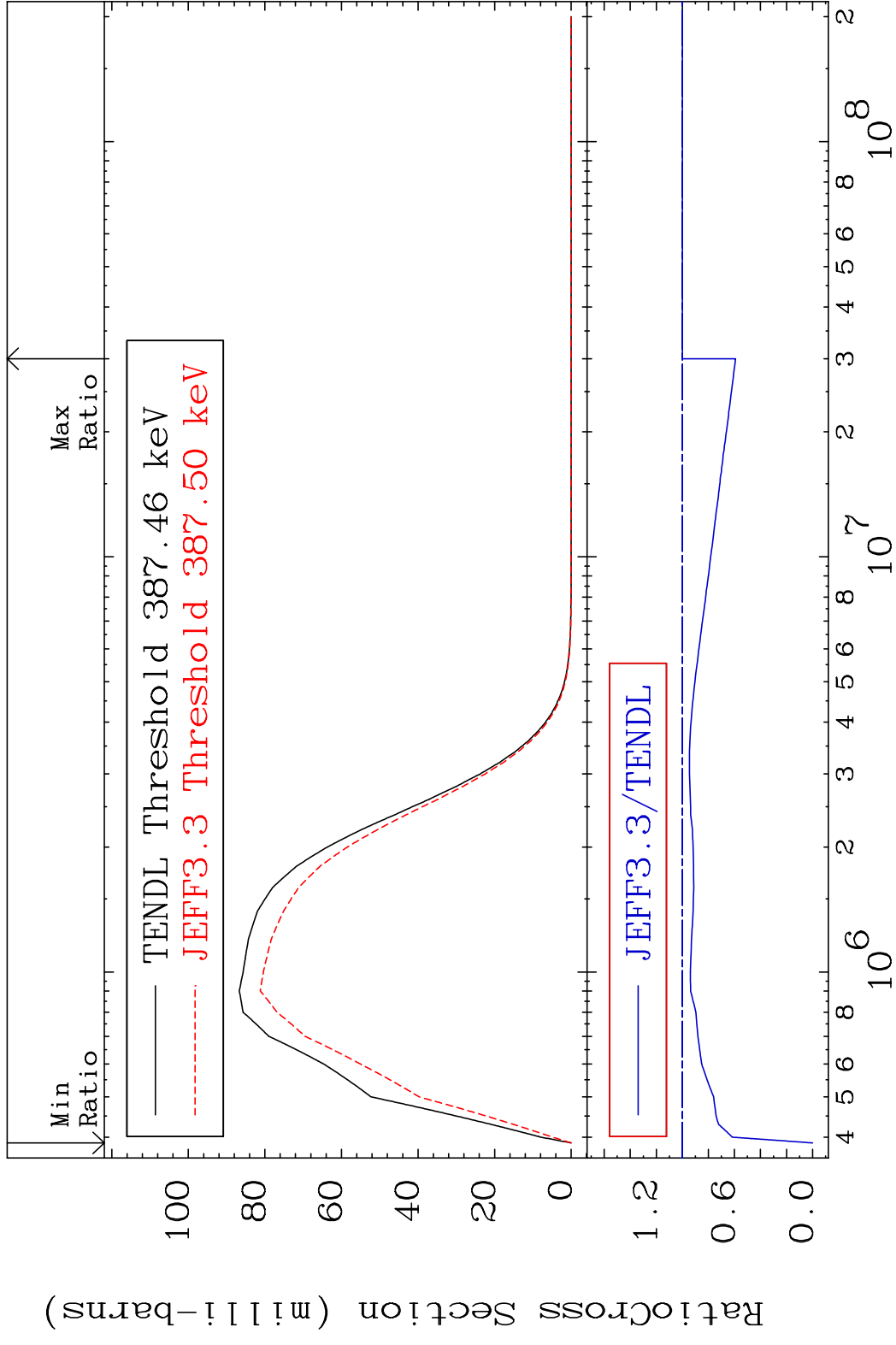
MAT 5234 MT= 51 (n, n') Level 52-Te-123
 Cross Section -100.0 To 0.000 %



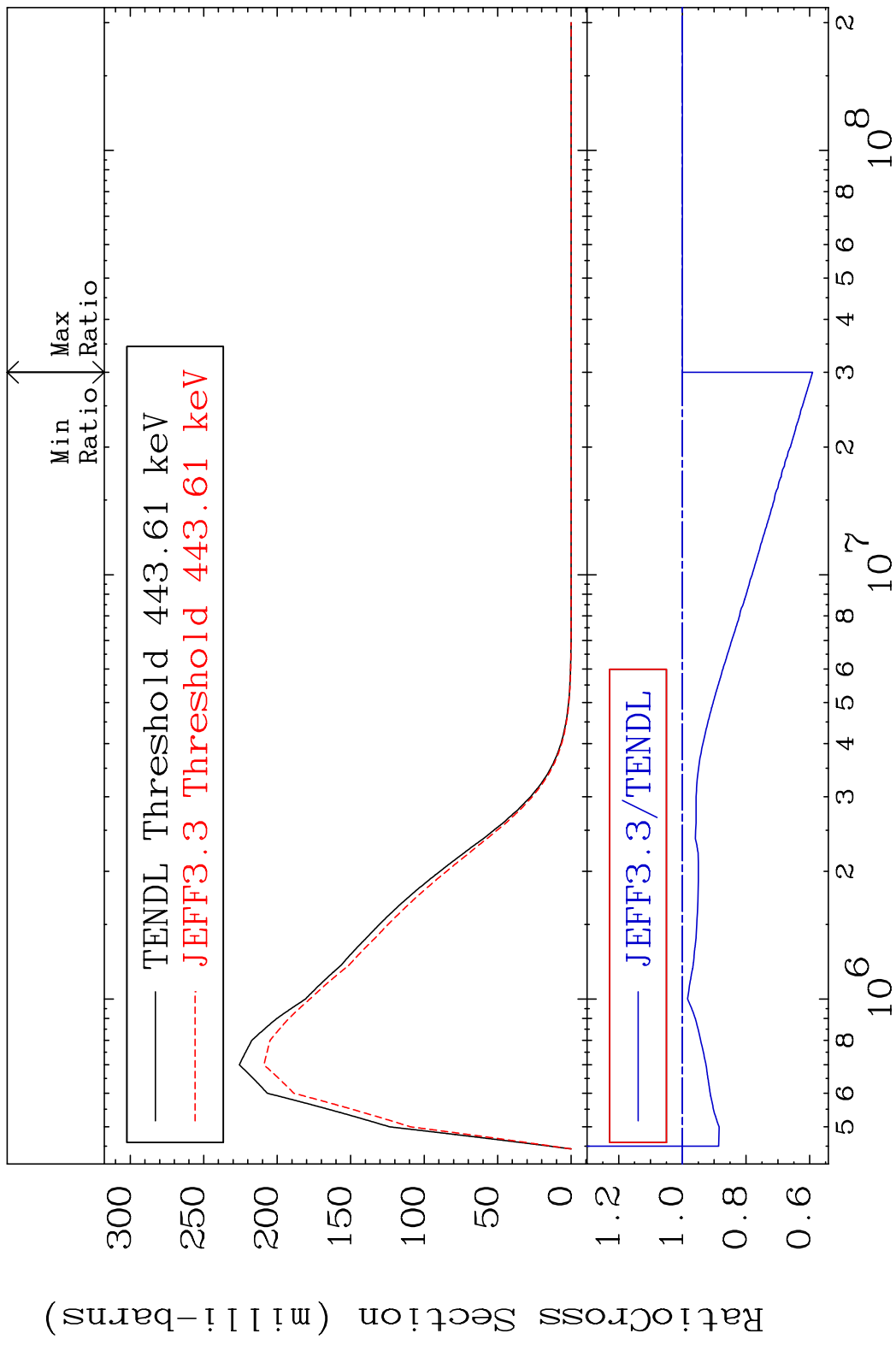
MAT 5234 MT= 52 (n,n') Level 52-Te-123
 Cross Section -100.0 To 0.000 %



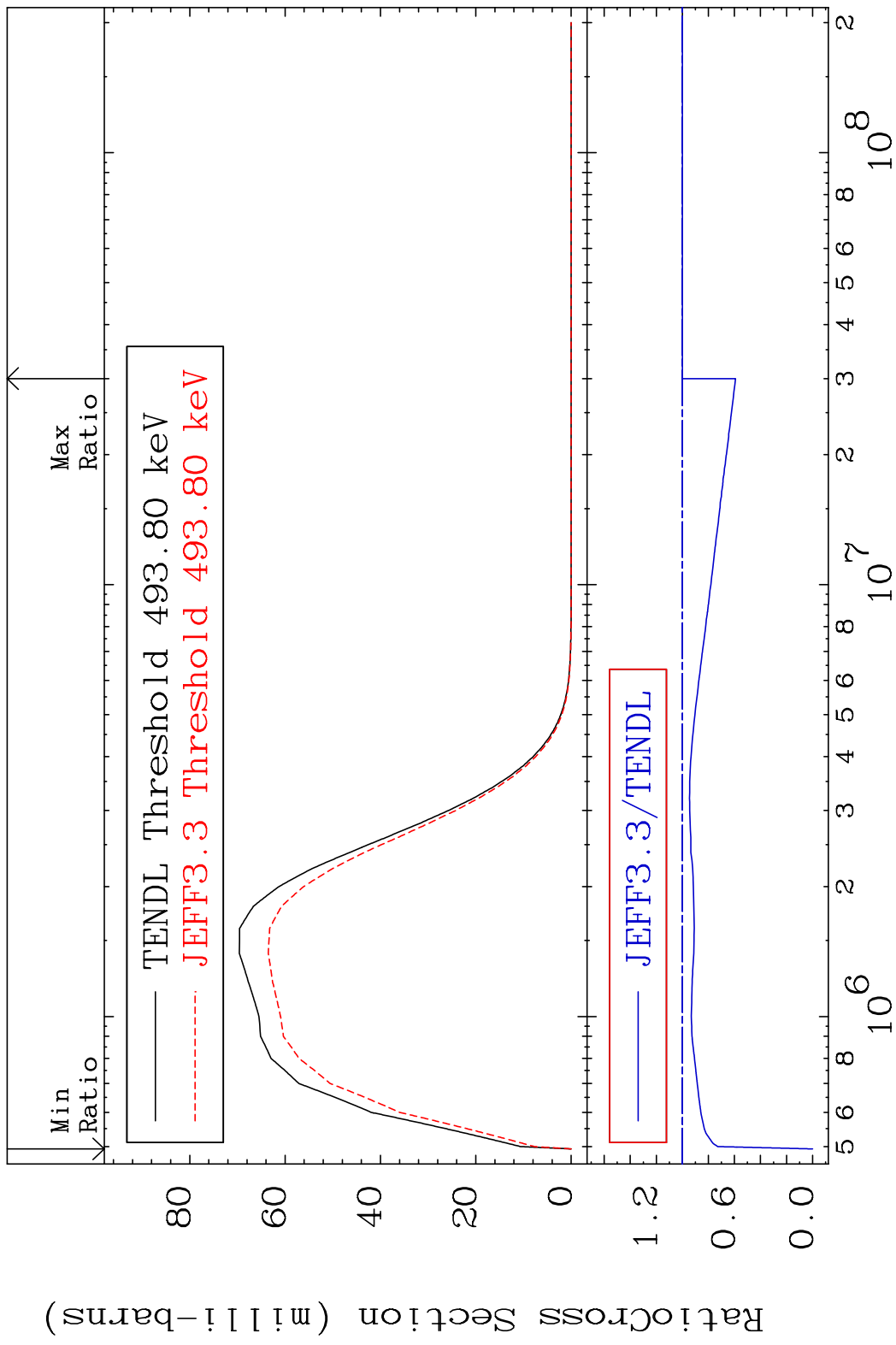
MAT 5234 MT= 53 (n, n') Level 52-Te-123
 Cross Section -100.0 To 0.000 %



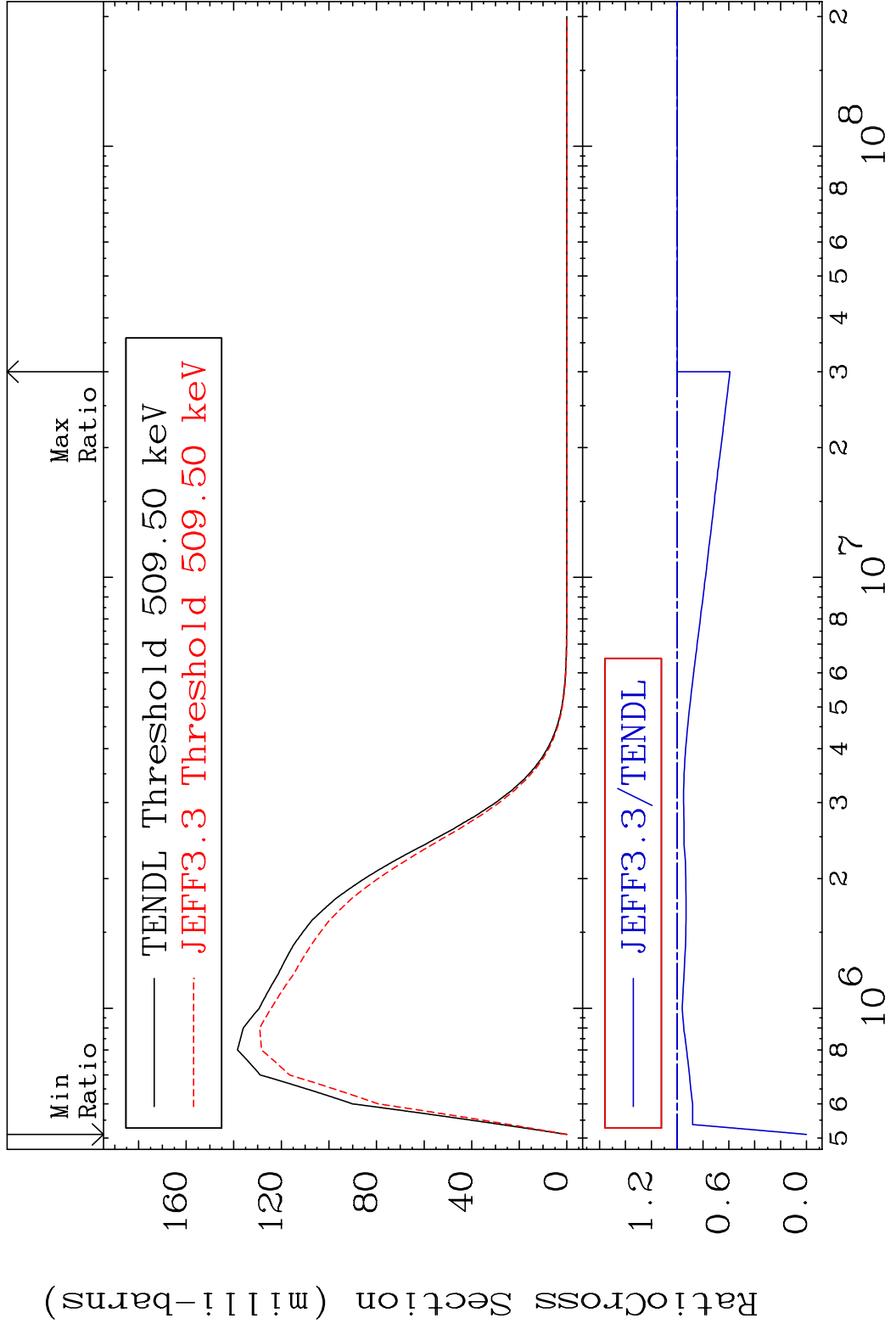
MAT 5234 MT= 54 (n,n') Level 52-Te-123
 Cross Section -40.89 To 0.000 %



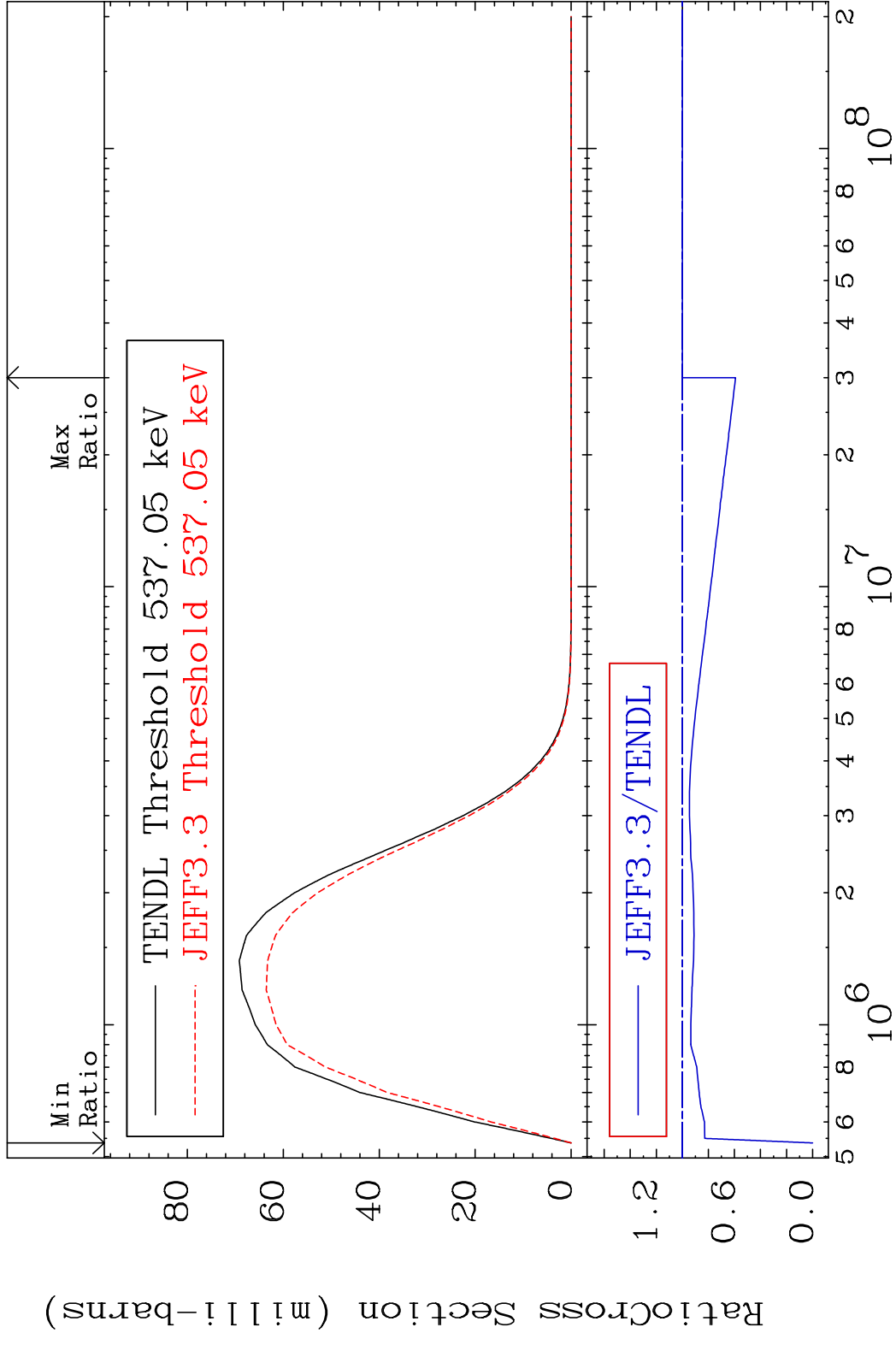
MAT 5234 MT= 55 (n,n') Level 52-Te-123
 Cross Section -100.0 To 0.000 %



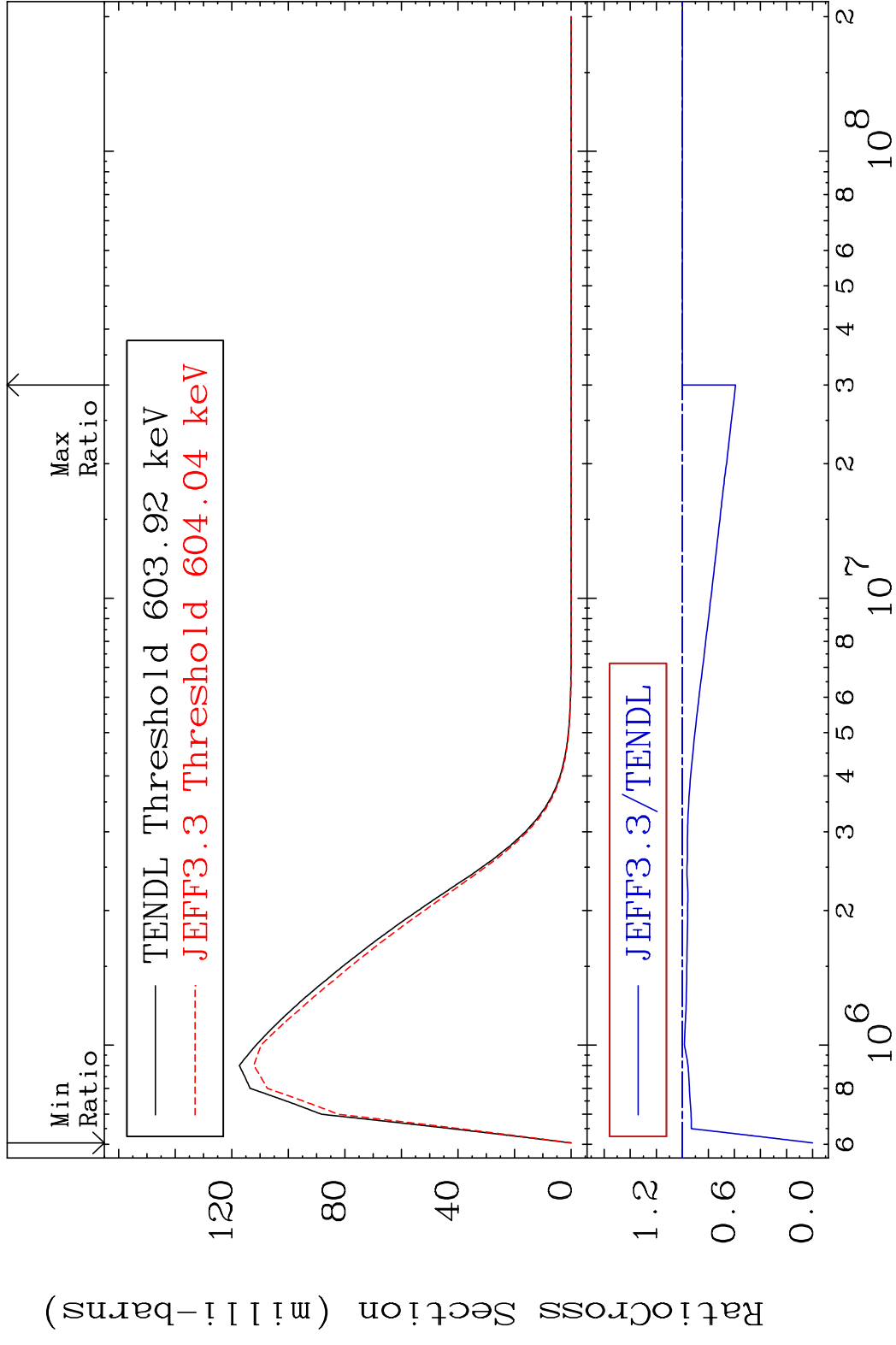
MAT 5234 MT= 56 (n,n') Level 52-Te-123
 Cross Section -100.0 To 0.000 %



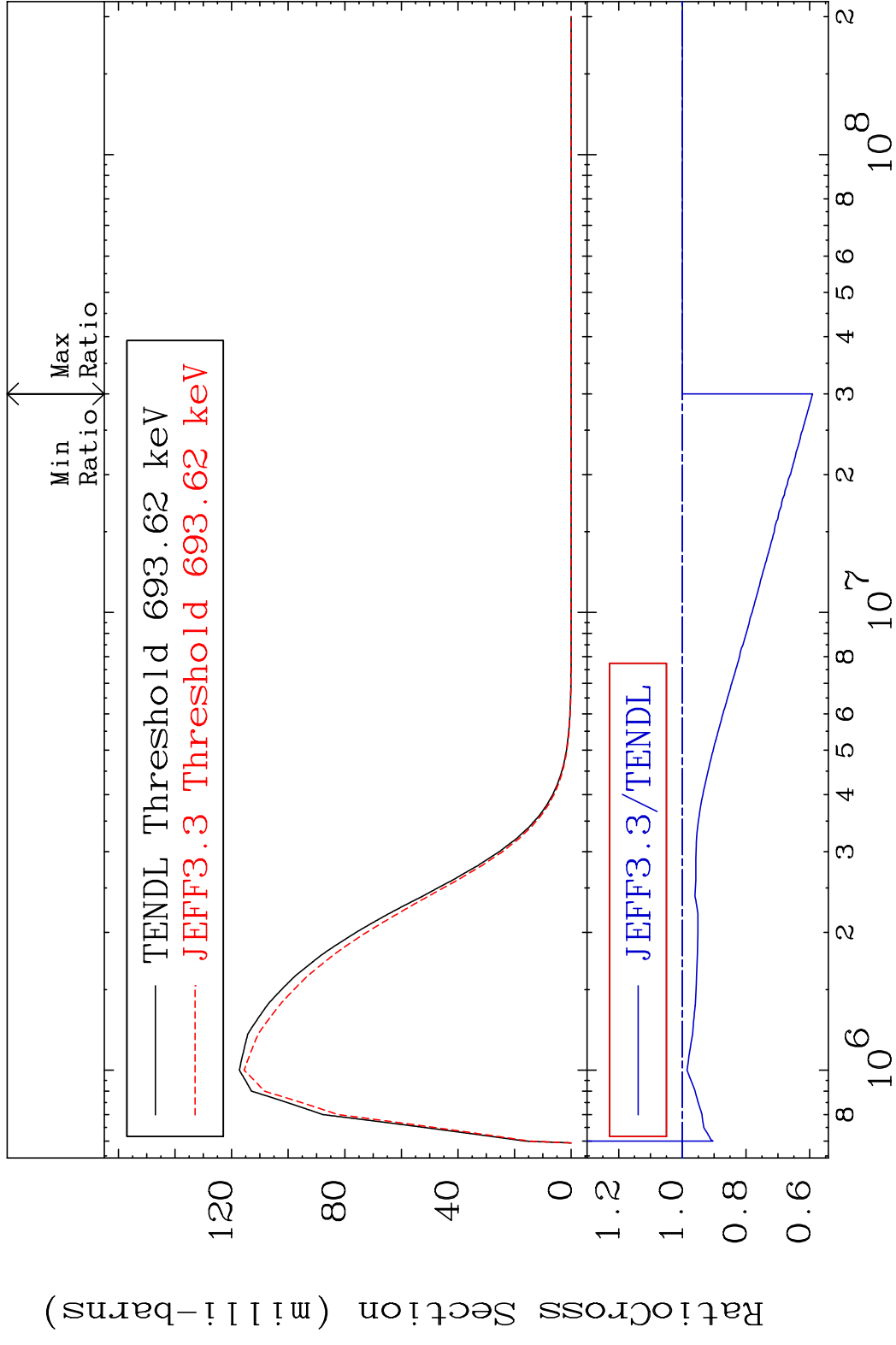
MAT 5234 MT= 57 (n, n') Level 52-Te-123
 Cross Section -100.0 To 0.000 %



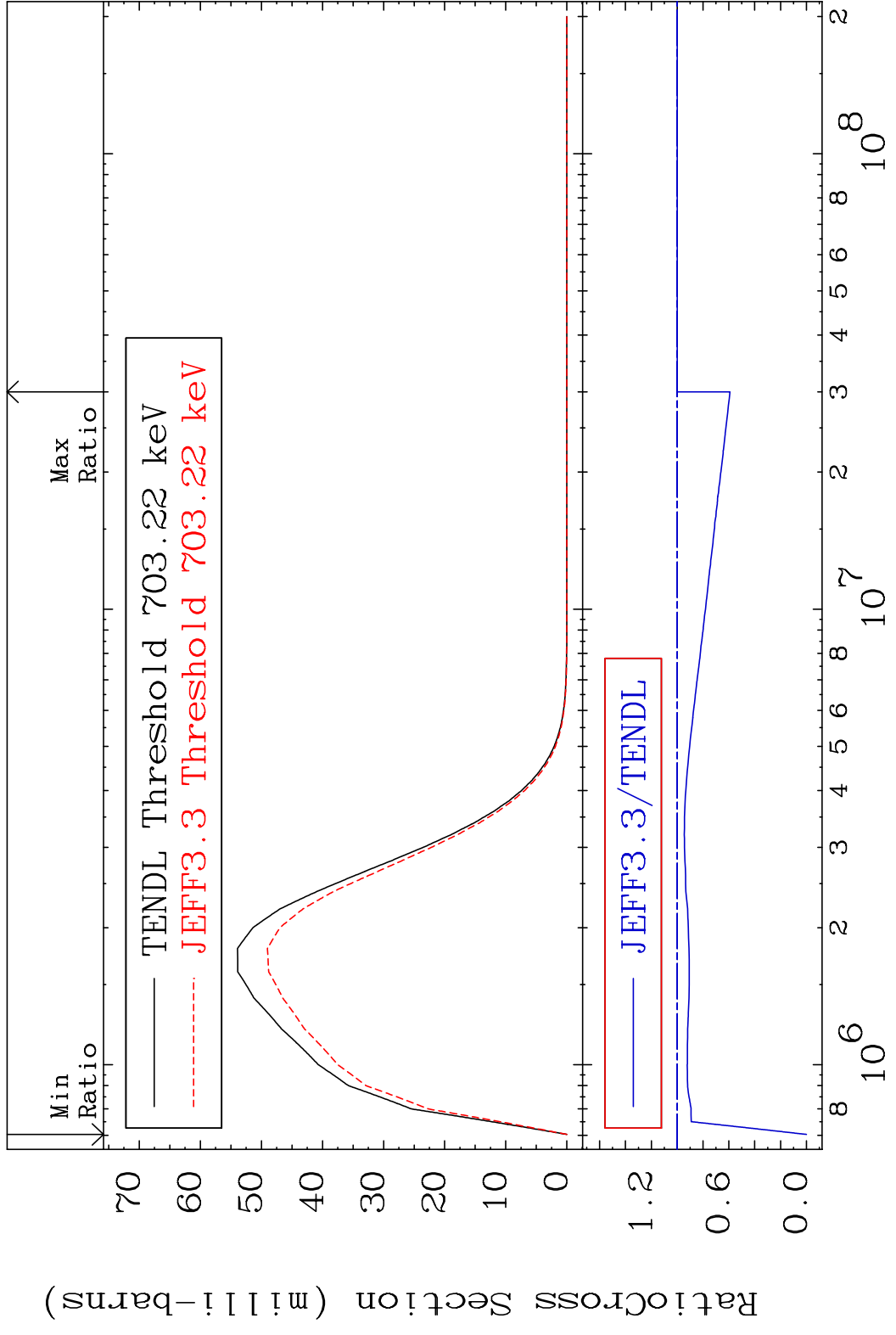
MAT 5234 MT= 58 (n,n') Level 52-Te-123
 Cross Section -100.0 To 0.000 %



MAT 5234 MT= 59 (n,n') Level 52-Te-123
 Cross Section -40.89 To 0.000 %



MAT 5234 MT= 60 (n,n') Level 52-Te-123
 Cross Section -100.0 To 0.000 %

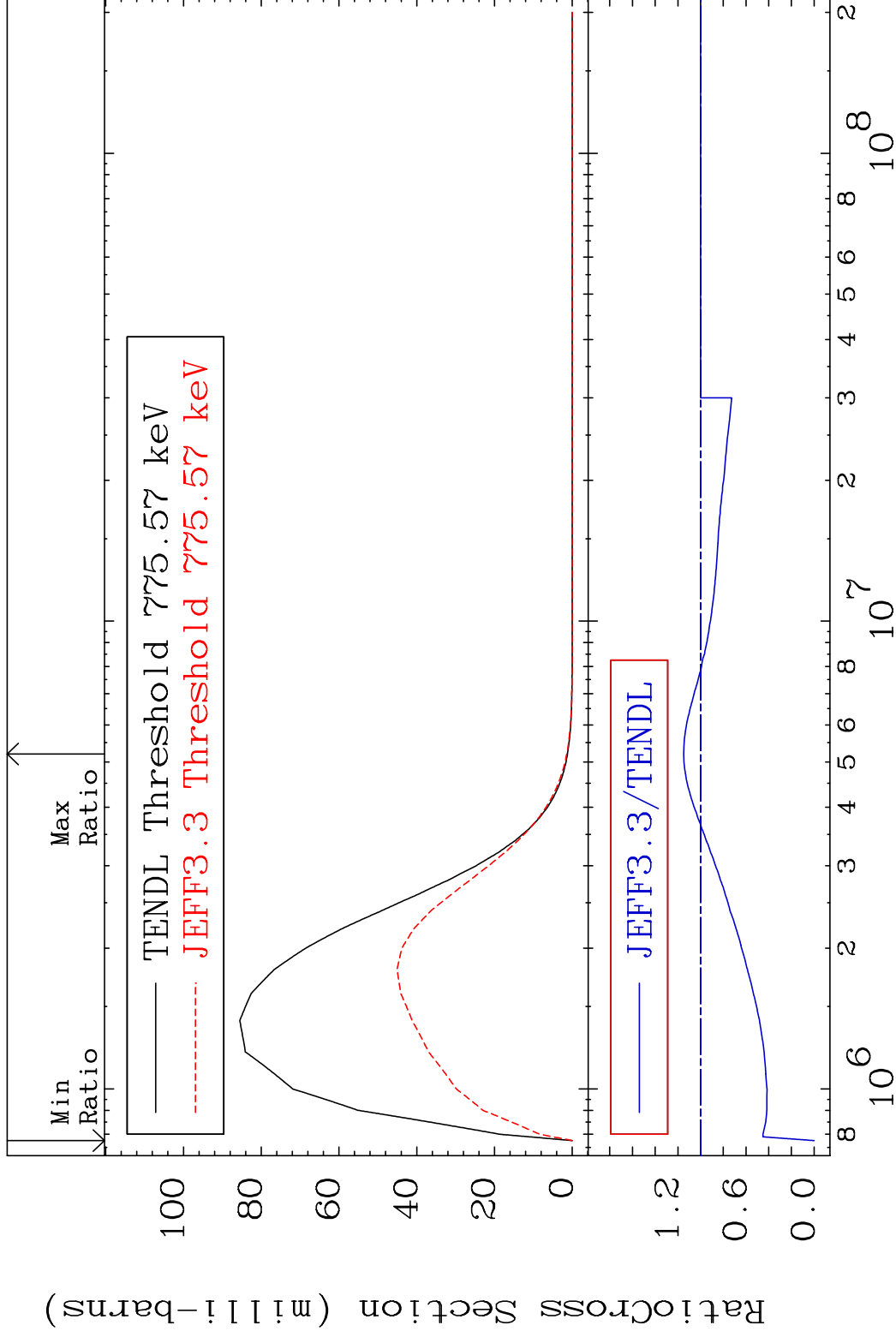


MAT 5234

MT= 61 (n, n') Level

52-Te-123

Cross Section -100.0 To 14.92 %

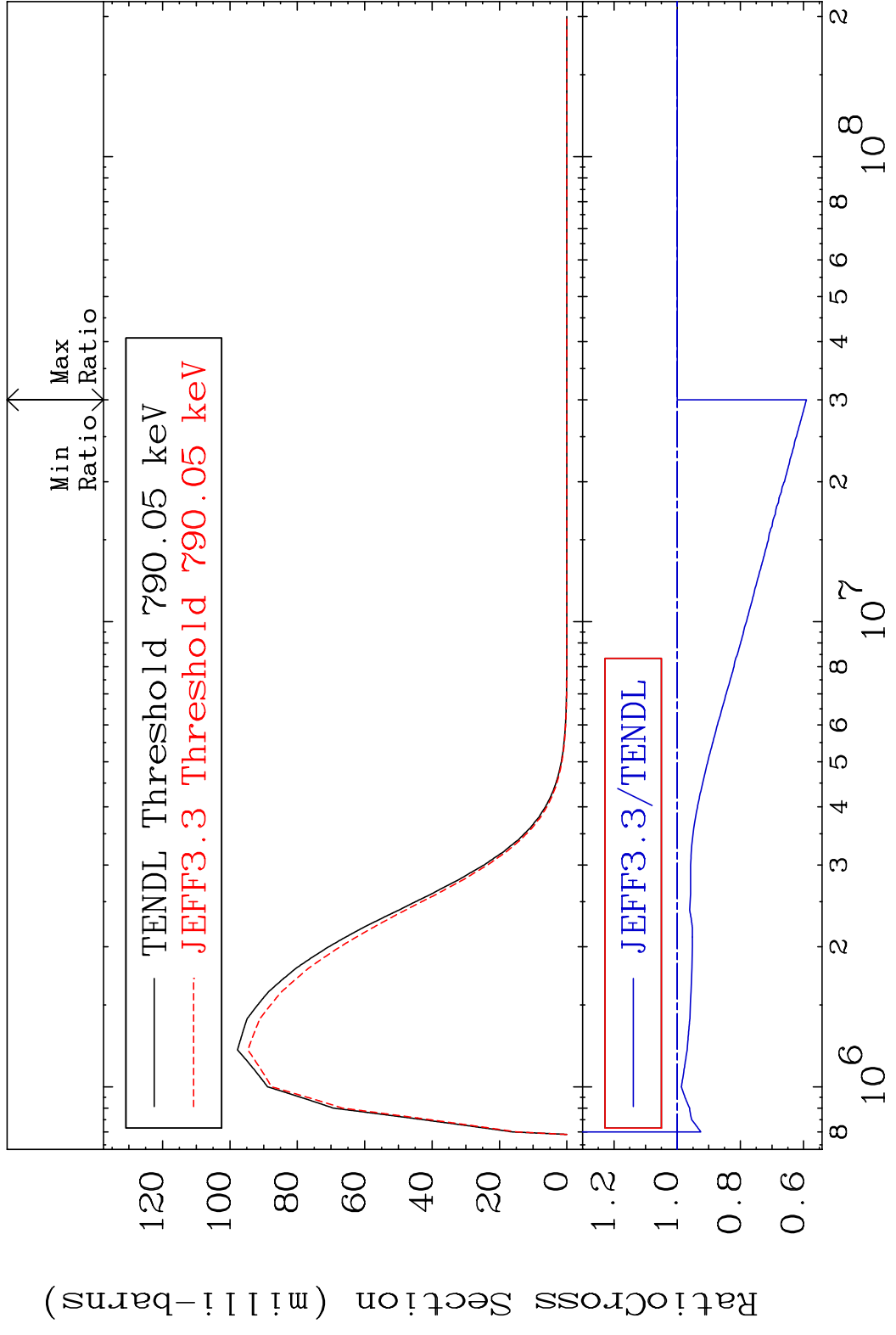


30

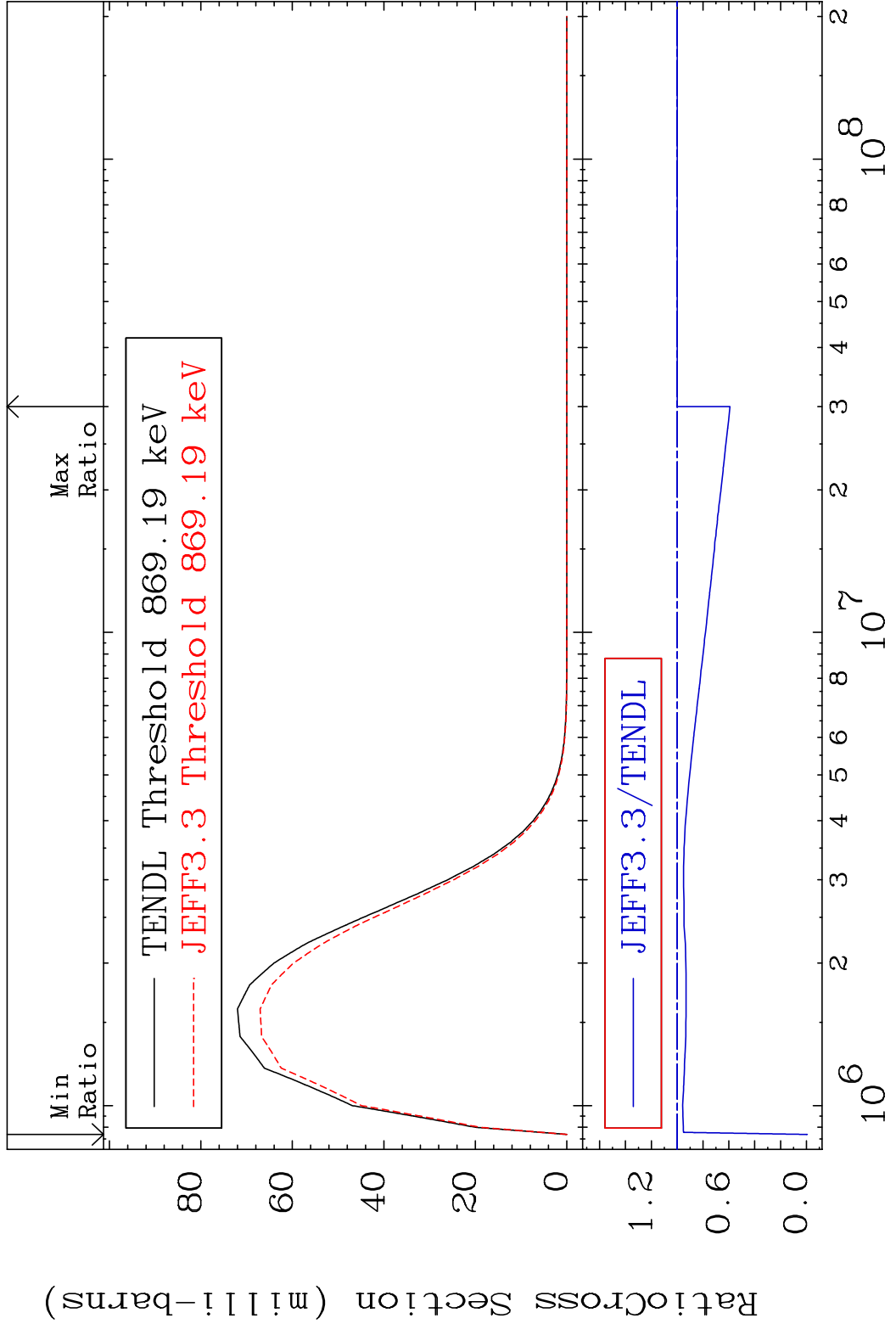
Incident Energy (eV)

52-Te-123

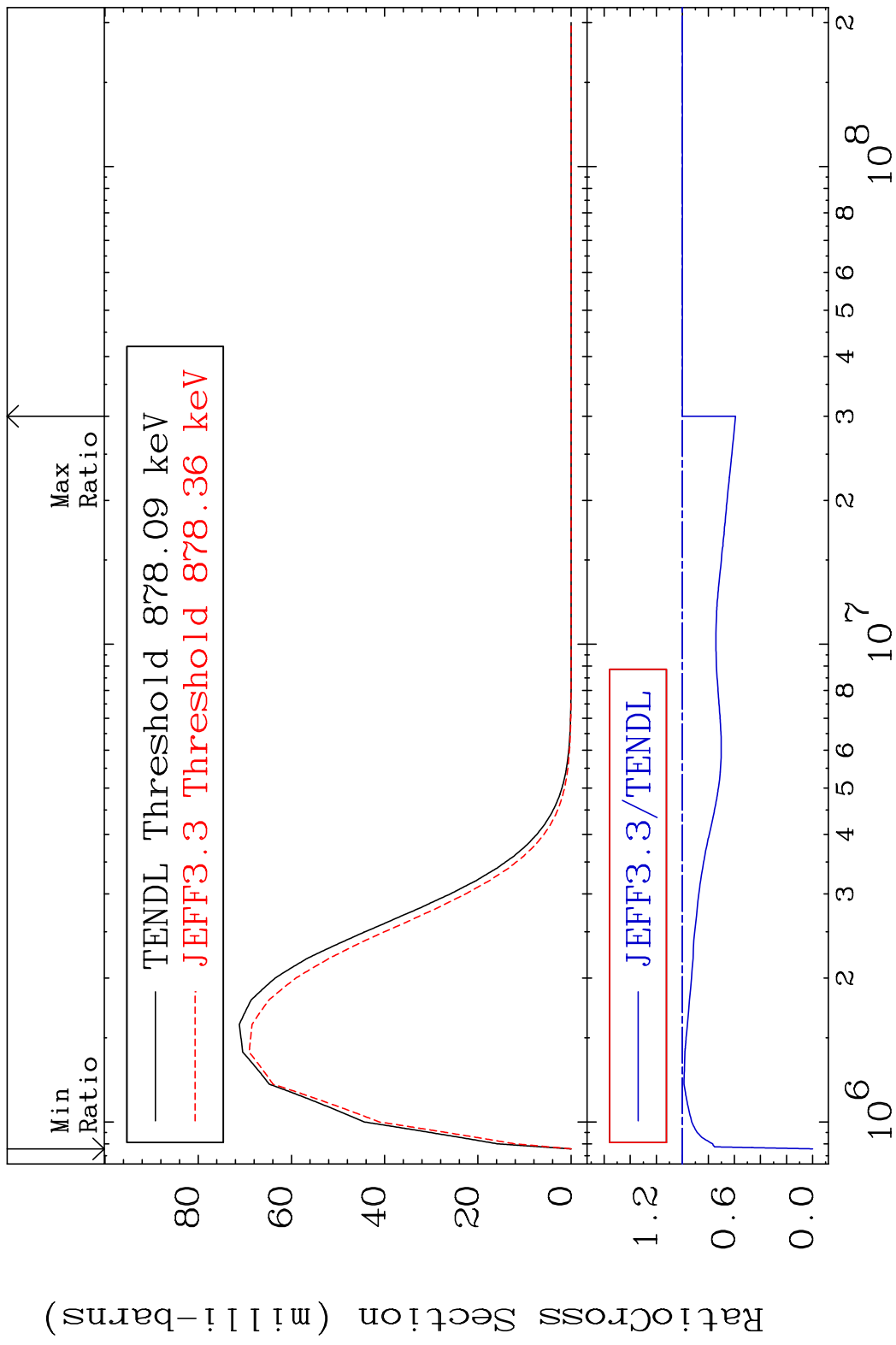
MAT 5234 MT= 62 (n, n') Level 52-Te-123
 Cross Section -40.89 To 0.000 %



MAT 5234 MT= 63 (n, n') Level 52-Te-123
 Cross Section -100.0 To 0.000 %

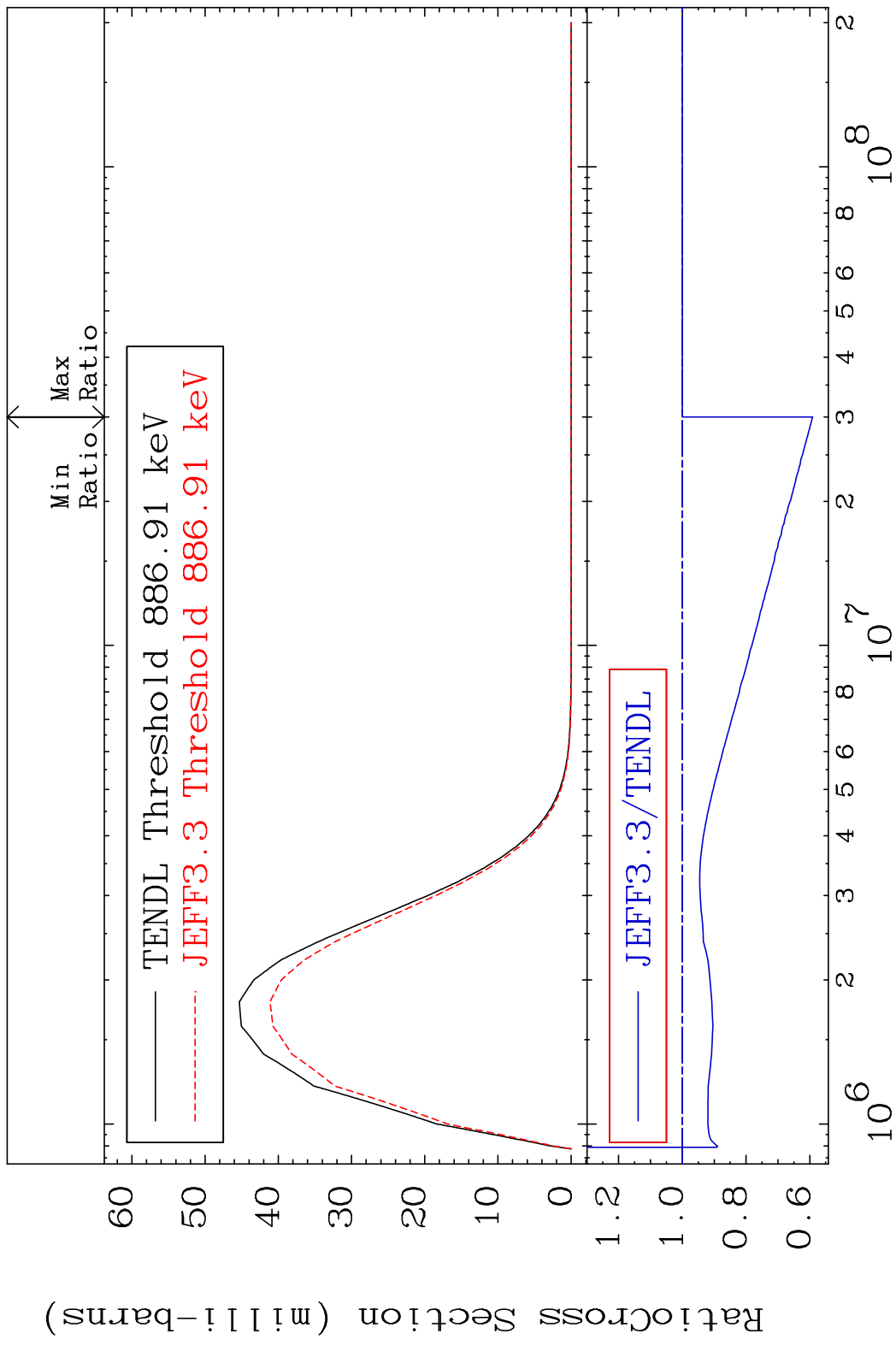


MAT 5234 MT= 64 (n, n') Level 52-Te-123
 Cross Section -100.0 To 0.000 %

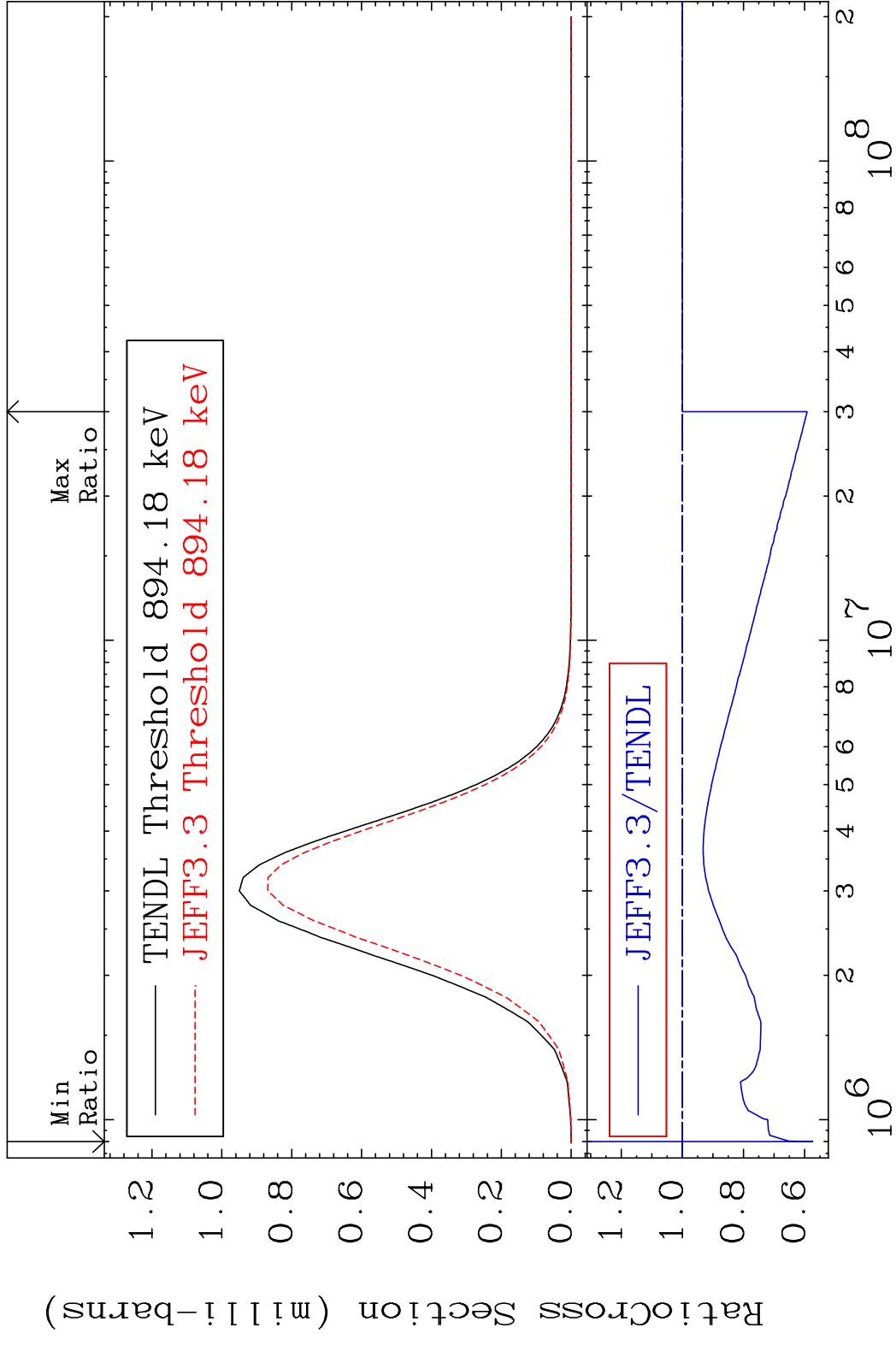


33 Incident Energy (eV) 52-Te-123

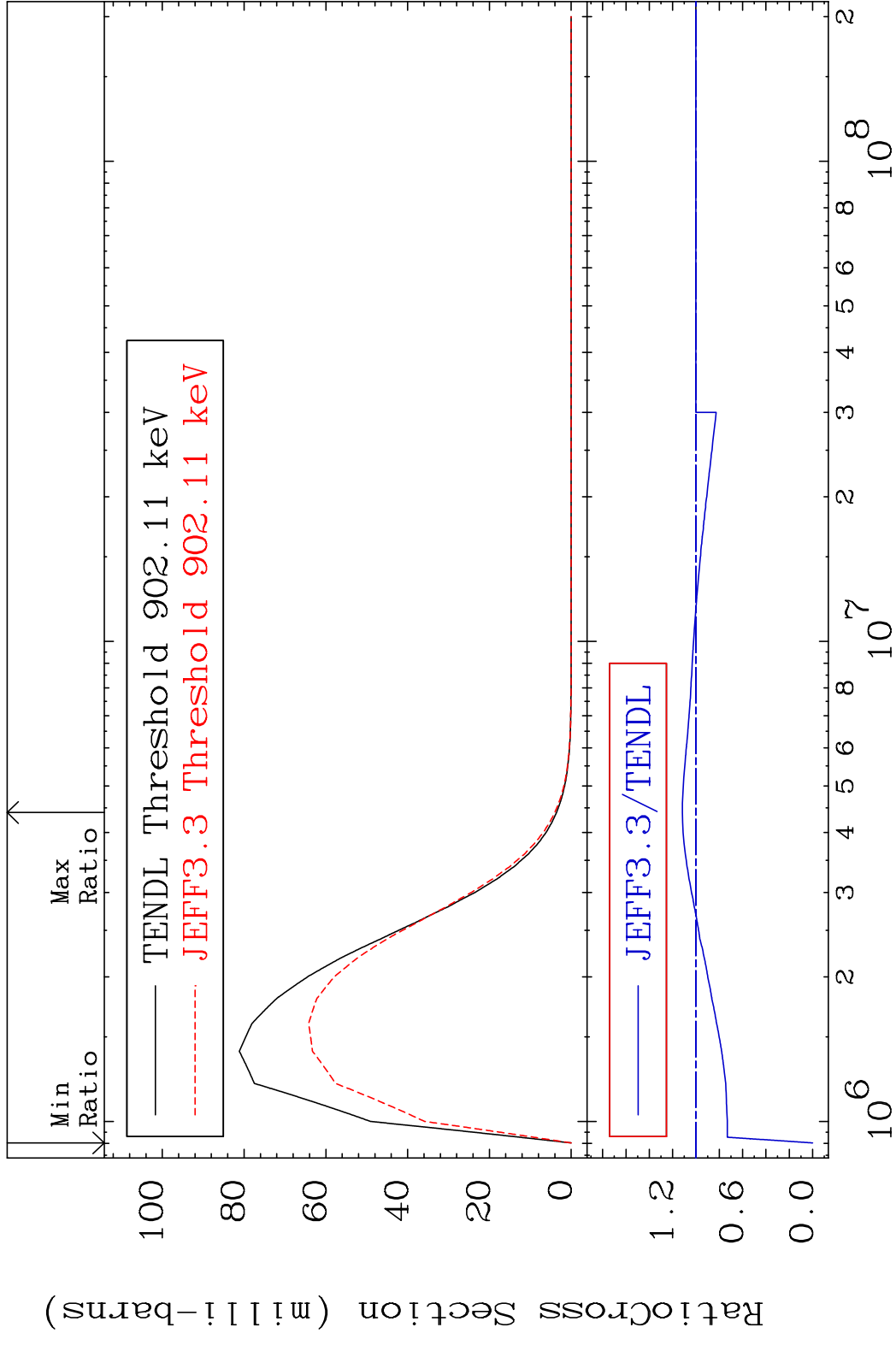
MAT 5234 MT= 65 (n,n') Level 52-Te-123
 Cross Section -40.87 To 0.000 %



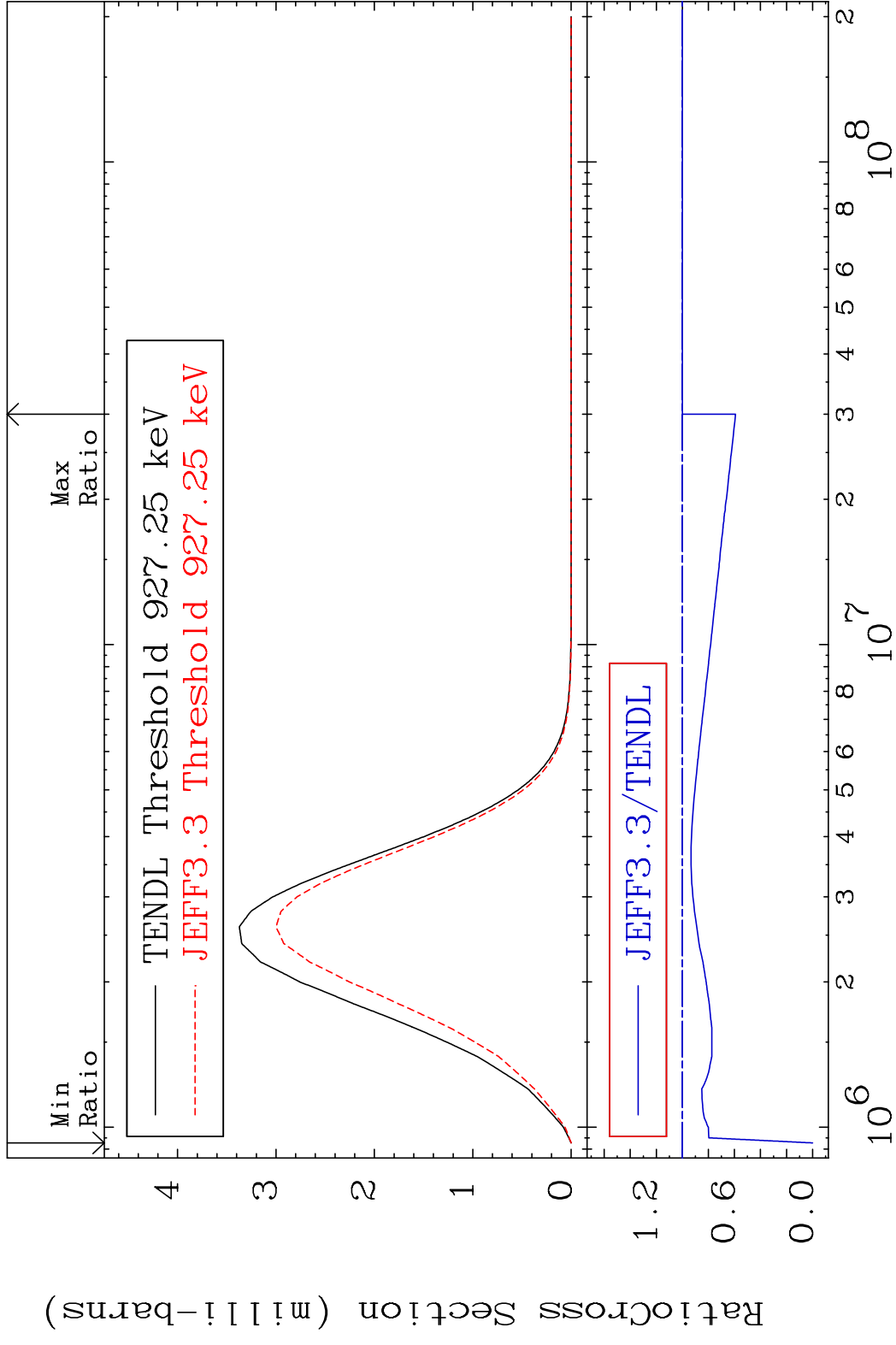
MAT 5234 MT= 66 (n, n') Level 52-Te-123
 Cross Section -42.59 To 0.000 %



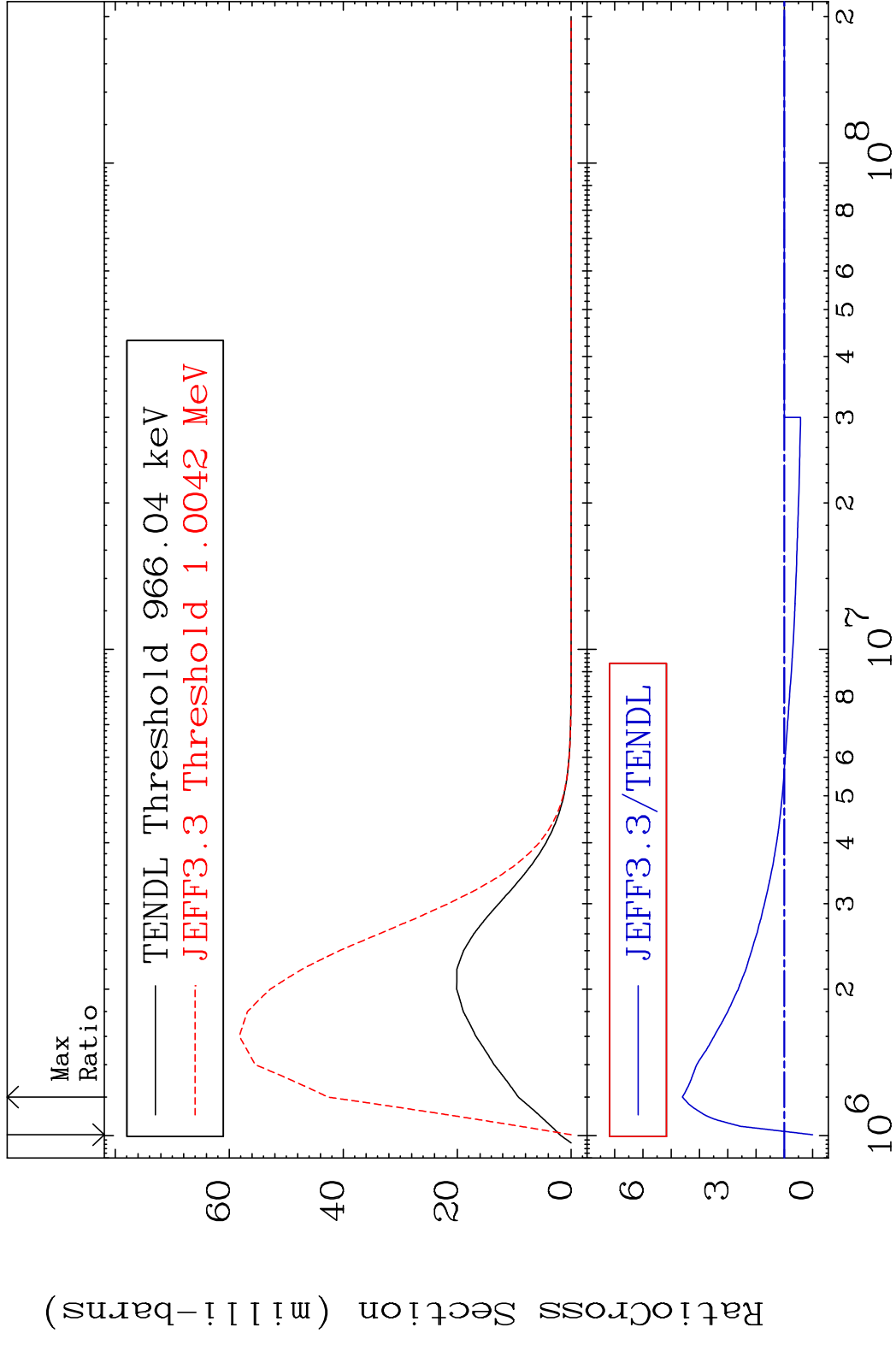
MAT 5234 MT= 67 (n,n') Level 52-Te-123
 Cross Section -100.0 To 11.65 %



MAT 5234 MT= 68 (n, n') Level 52-Te-123
 Cross Section -100.0 To 0.000 %

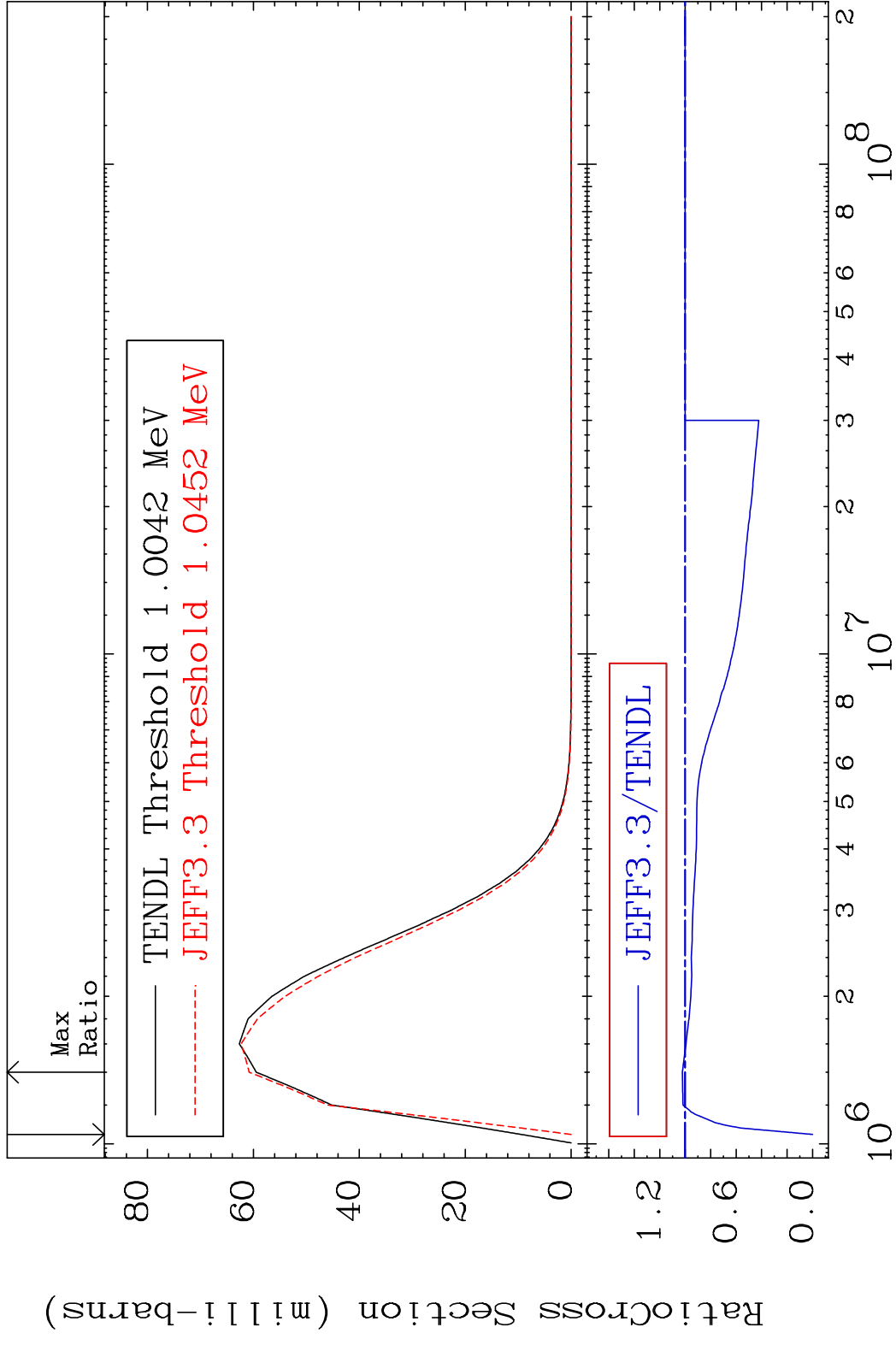


MAT 5234 MT= 69 (n,n') Level 52-Te-123
 Cross Section -100.0 To 360.4 %



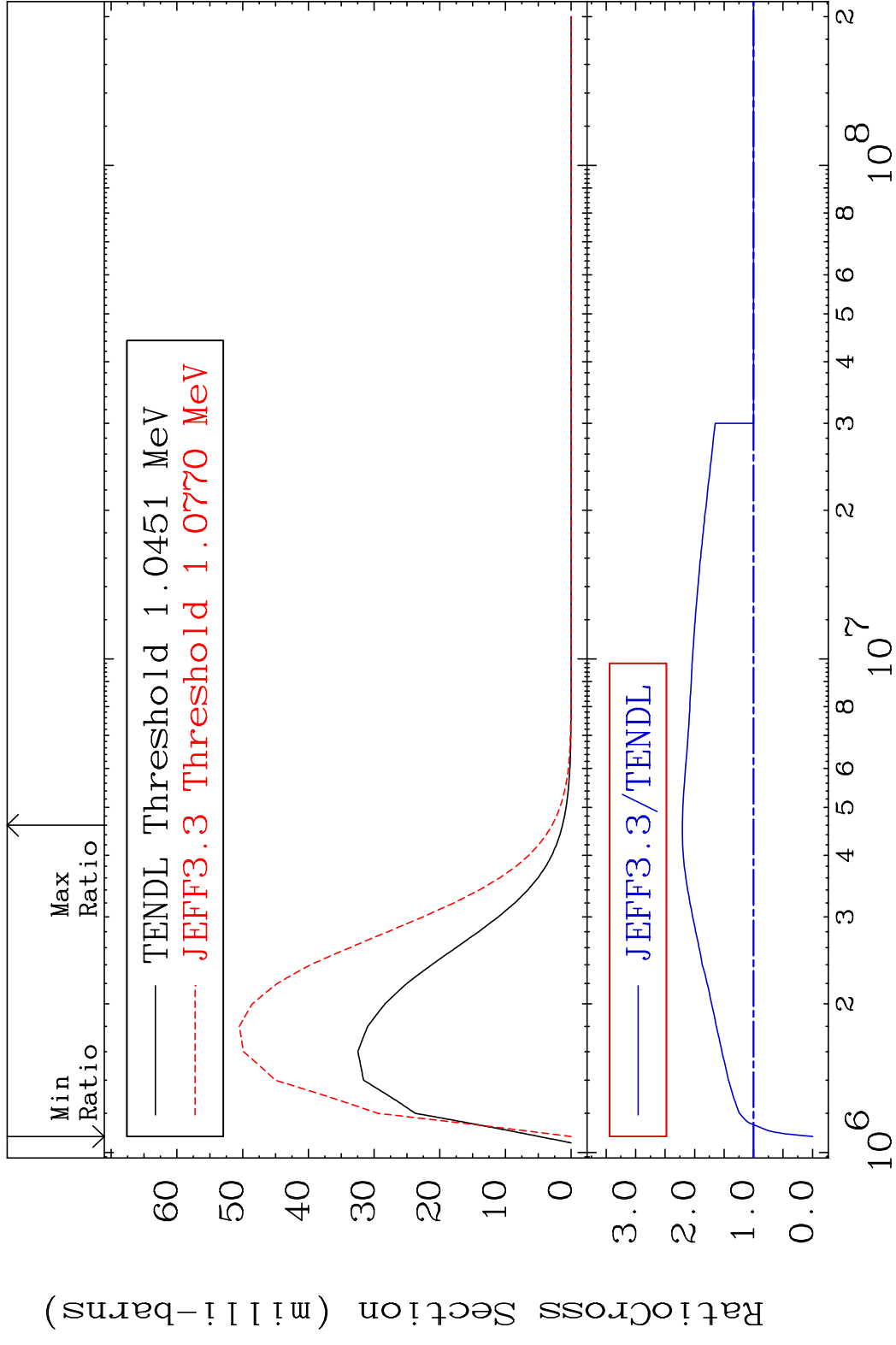
38 Incident Energy (eV) 52-Te-123

MAT 5234 MT= 70 (n,n') Level 52-Te-123
Cross Section -100.0 To 2.247 %



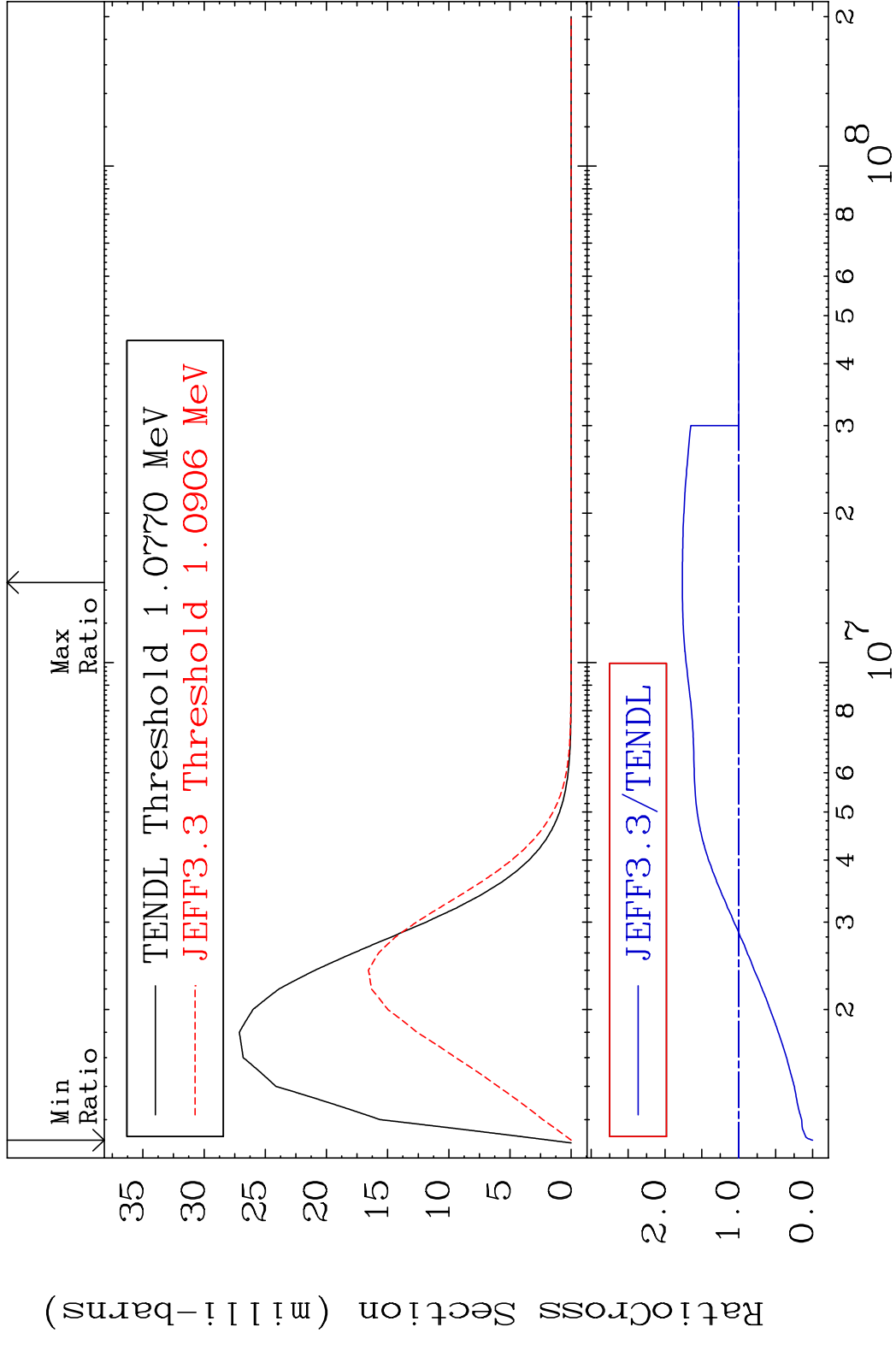
39 Incident Energy (eV) 52-Te-123

MAT 5234 MT= 71 (n,n') Level 52-Te-123
 Cross Section -100.0 To 120.8 %

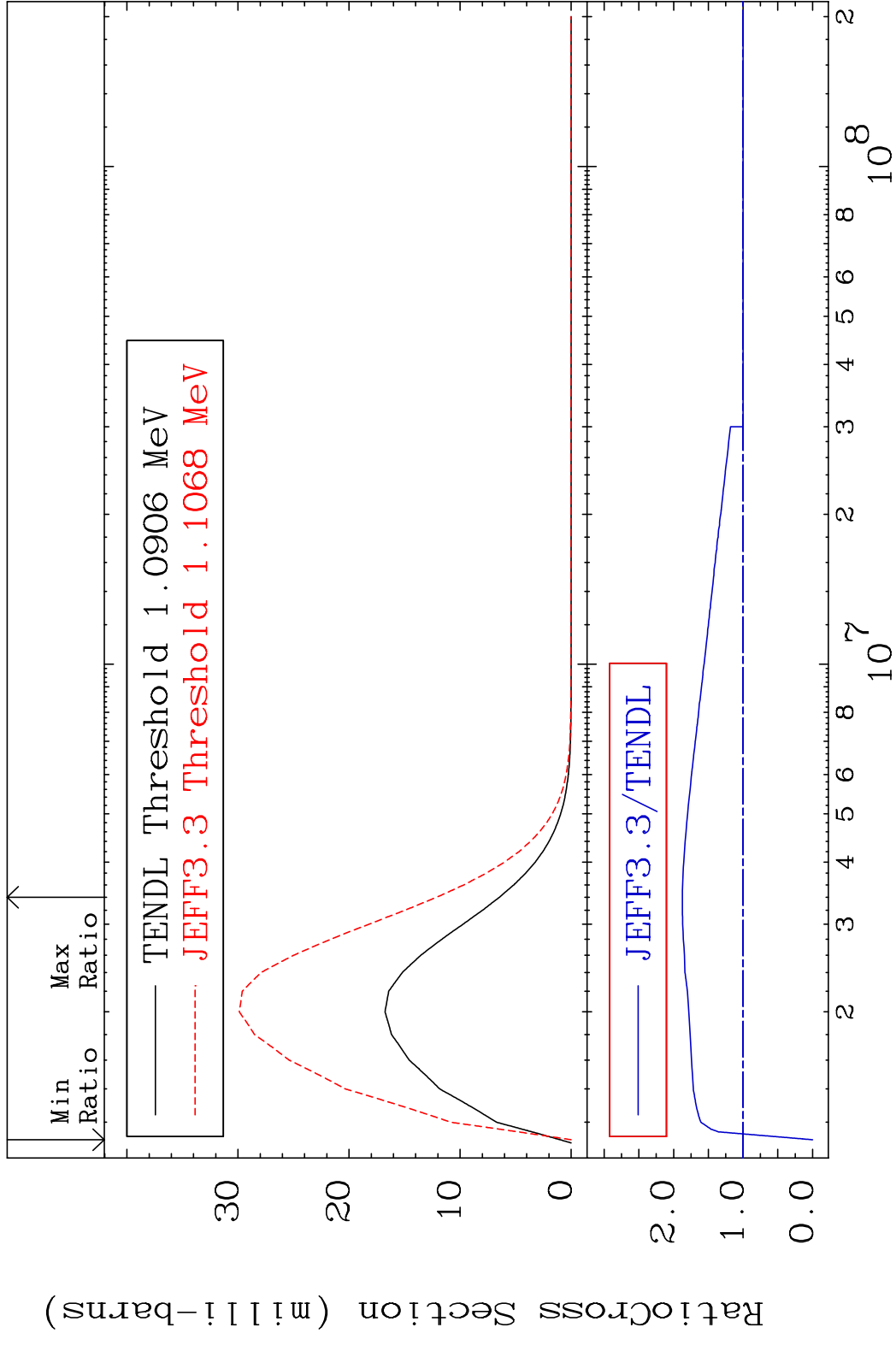


40 Incident Energy (eV) 52-Te-123

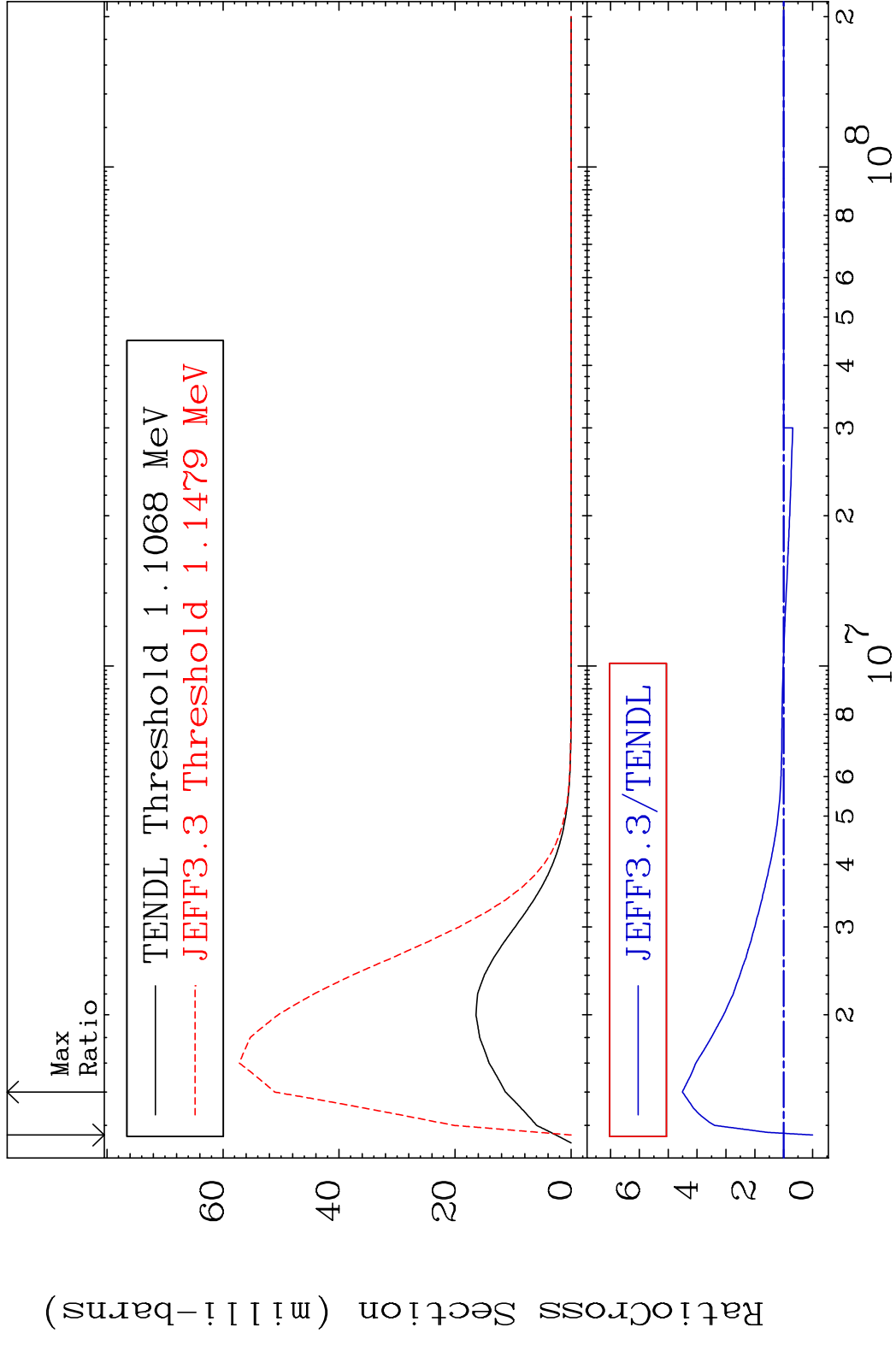
MAT 5234 MT= 72 (n, n') Level 52-Te-123
 Cross Section -100.0 To 76.46 %



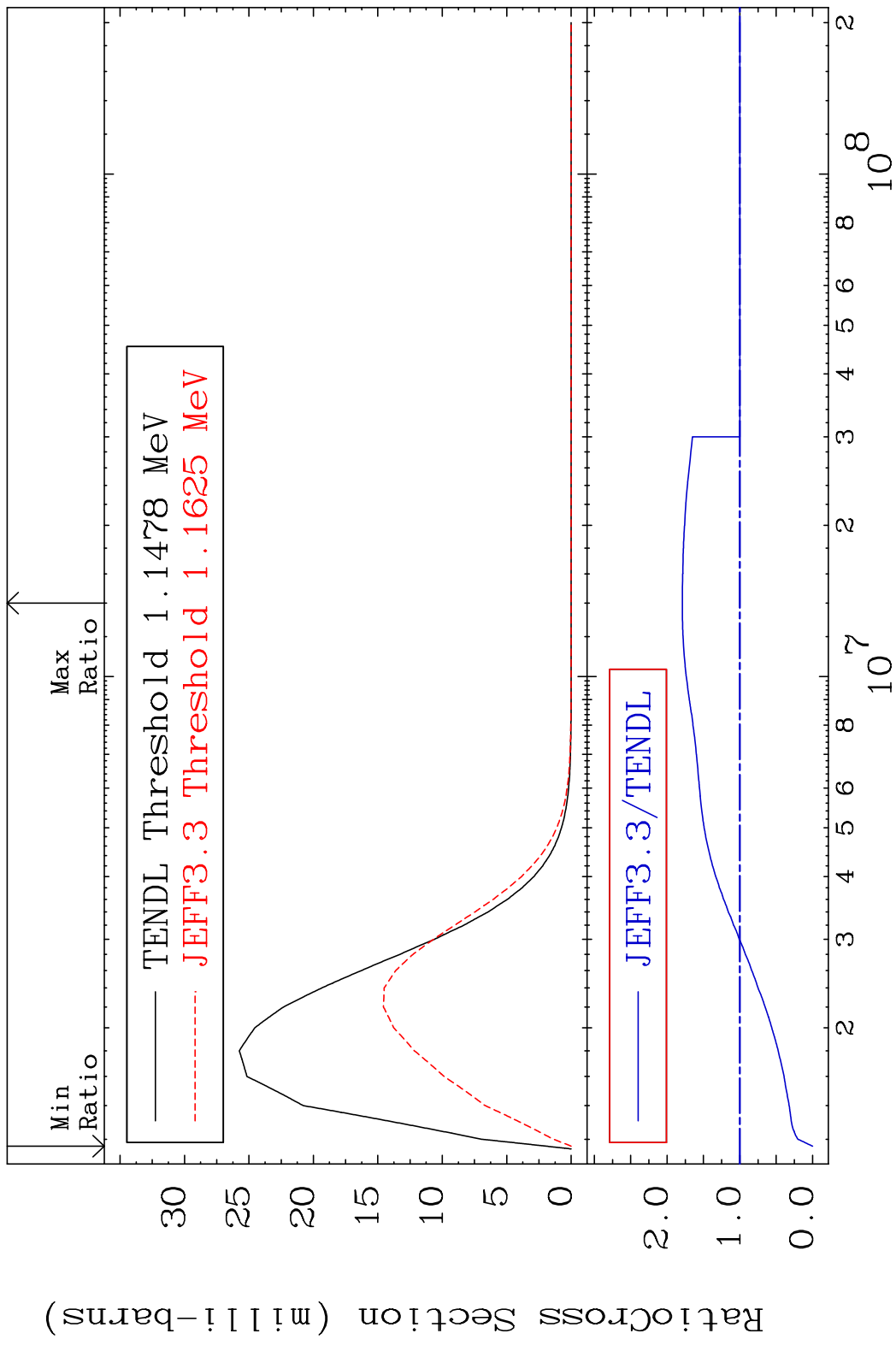
MAT 5234 MT= 73 (n, n') Level 52-Te-123
 Cross Section -100.0 To 87.45 %



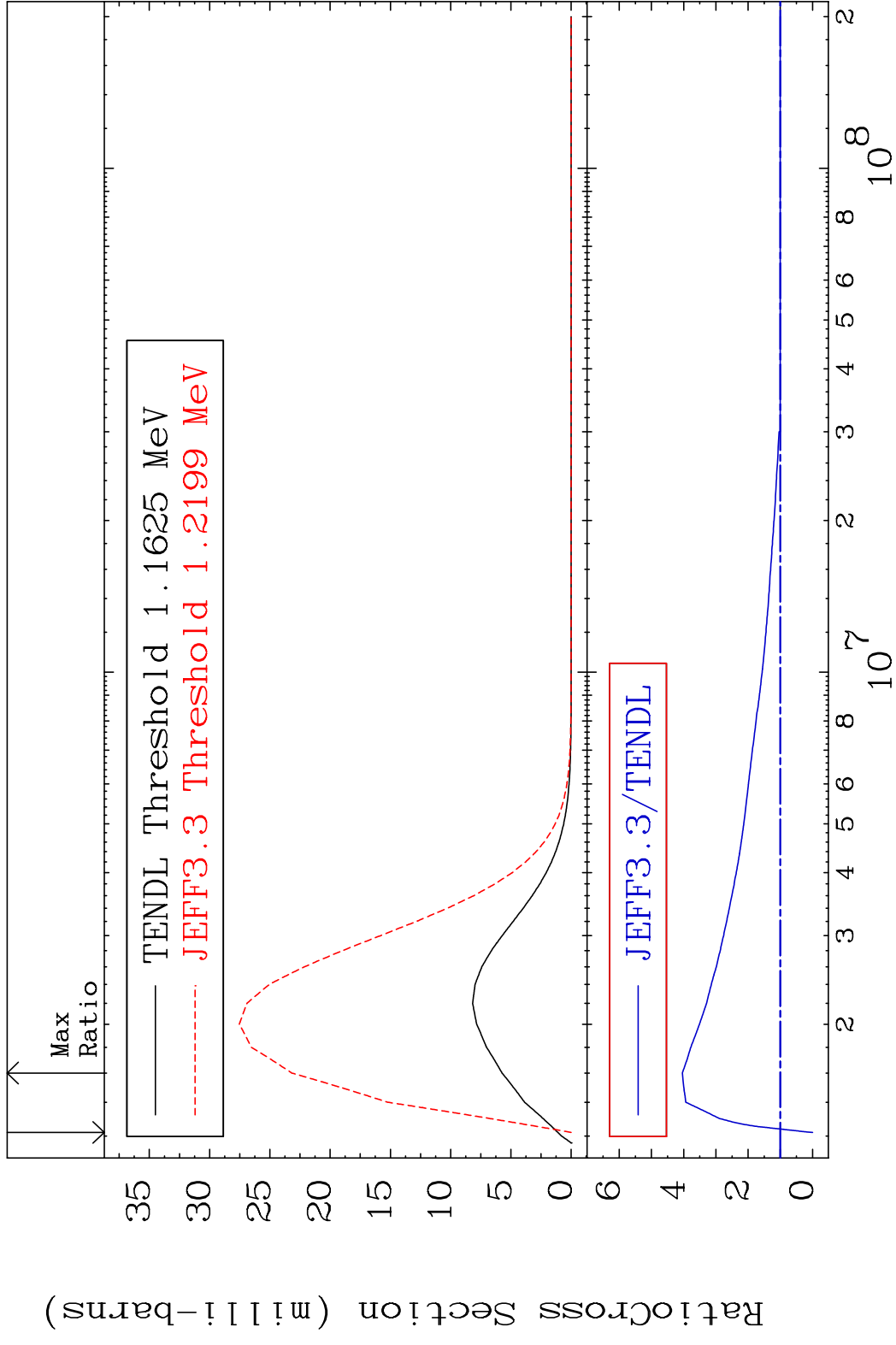
MAT 5234 MT= 74 (n,n') Level 52-Te-123
 Cross Section -100.0 To 351.0 %



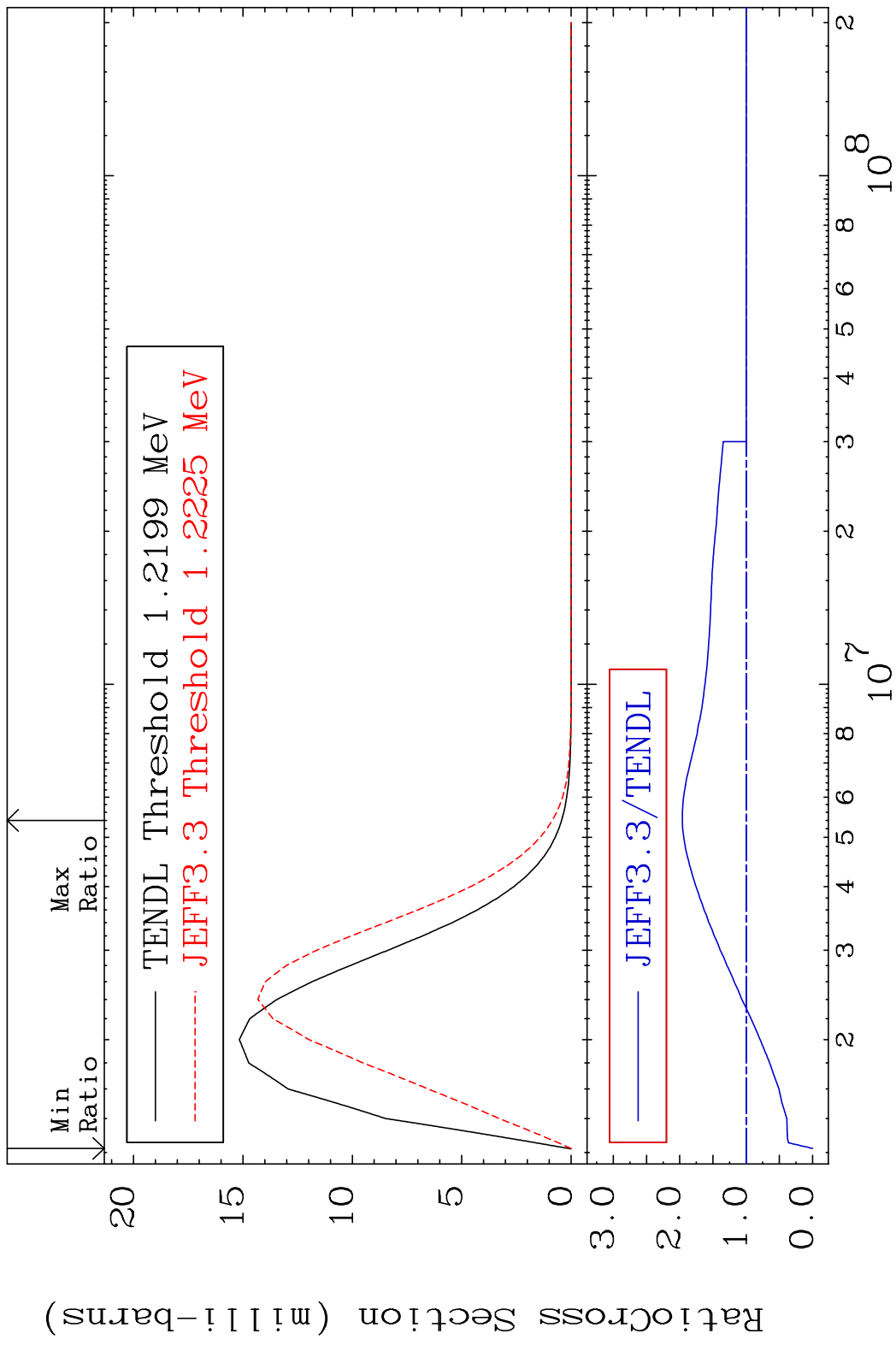
MAT 5234 MT= 75 (n, n') Level 52-Te-123
 Cross Section -100.0 To 78.98 %



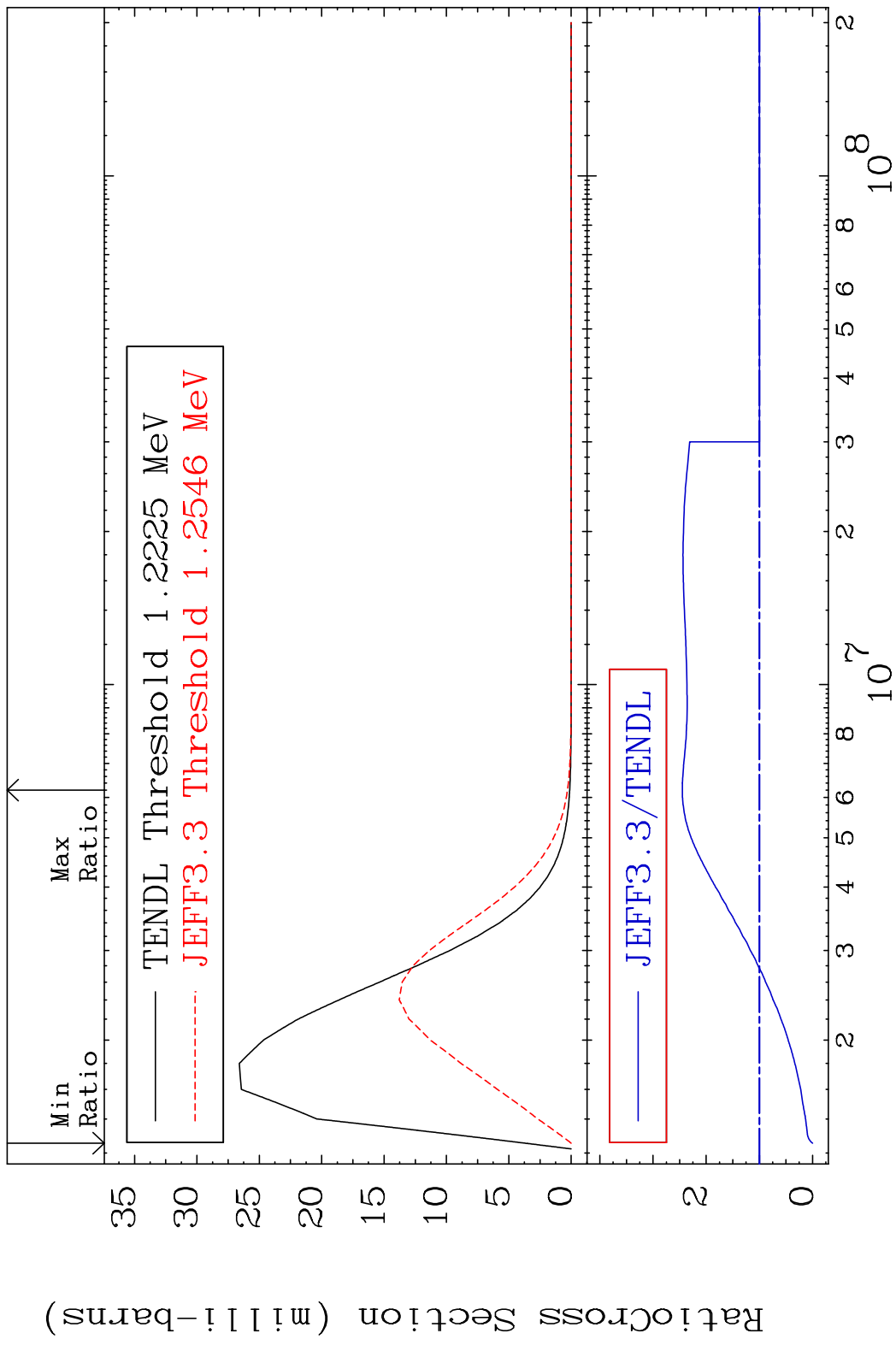
MAT 5234 MT= 76 (n,n') Level 52-Te-123
 Cross Section -100.0 To 304.0 %



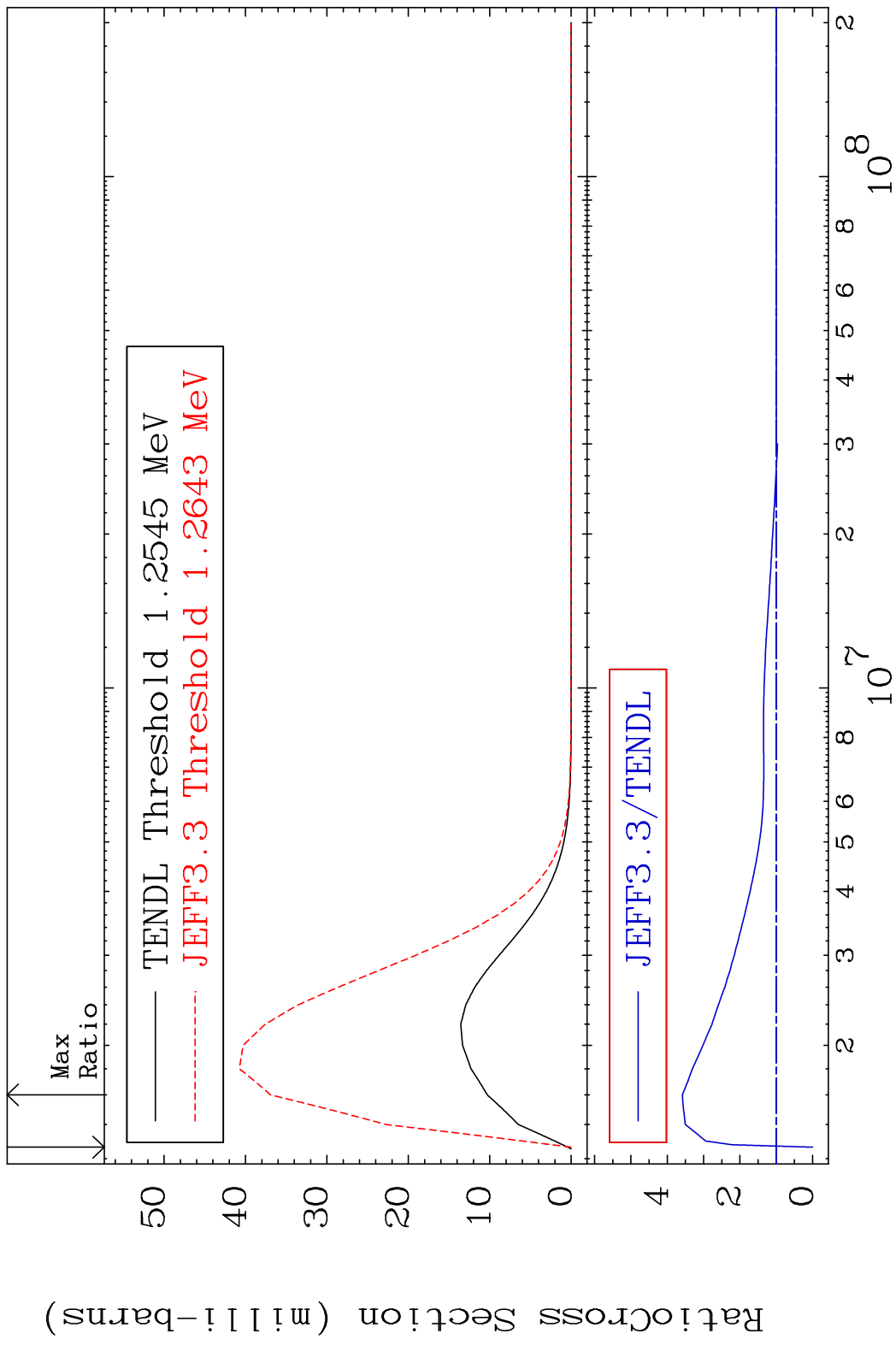
MAT 5234 MT= 77 (n,n') Level 52-Te-123
 Cross Section -100.0 To 96.05 %



MAT 5234 MT= 78 (n,n') Level 52-Te-123
 Cross Section -100.0 To 144.9 %



MAT 5234 MT= 79 (n, n') Level 52-Te-123
 Cross Section -100.0 To 258.5 %

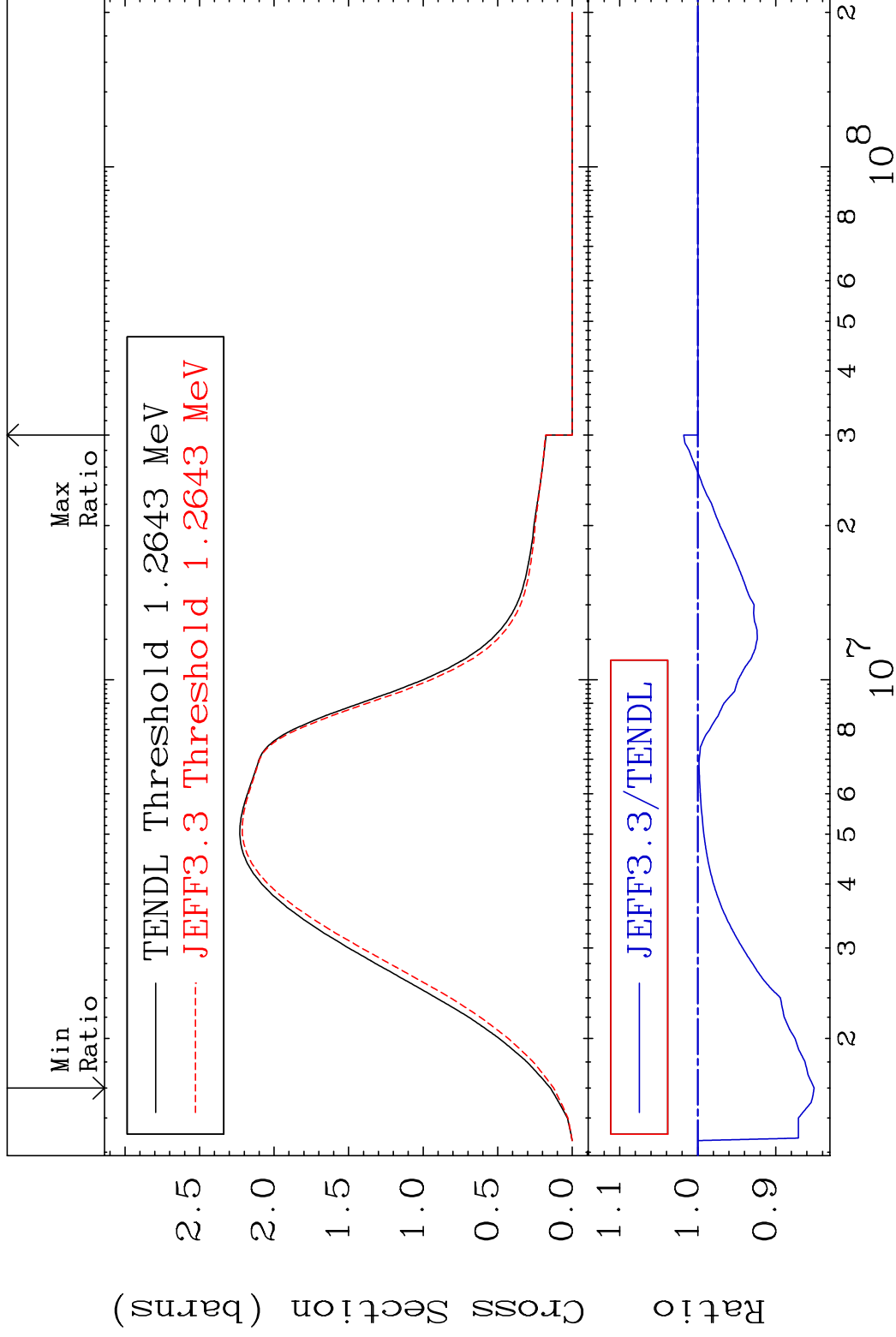


MAT 5234

(n, n') Continuum

52-Te-123

Cross Section -14.92 To 1.807 %



49

Incident Energy (eV)

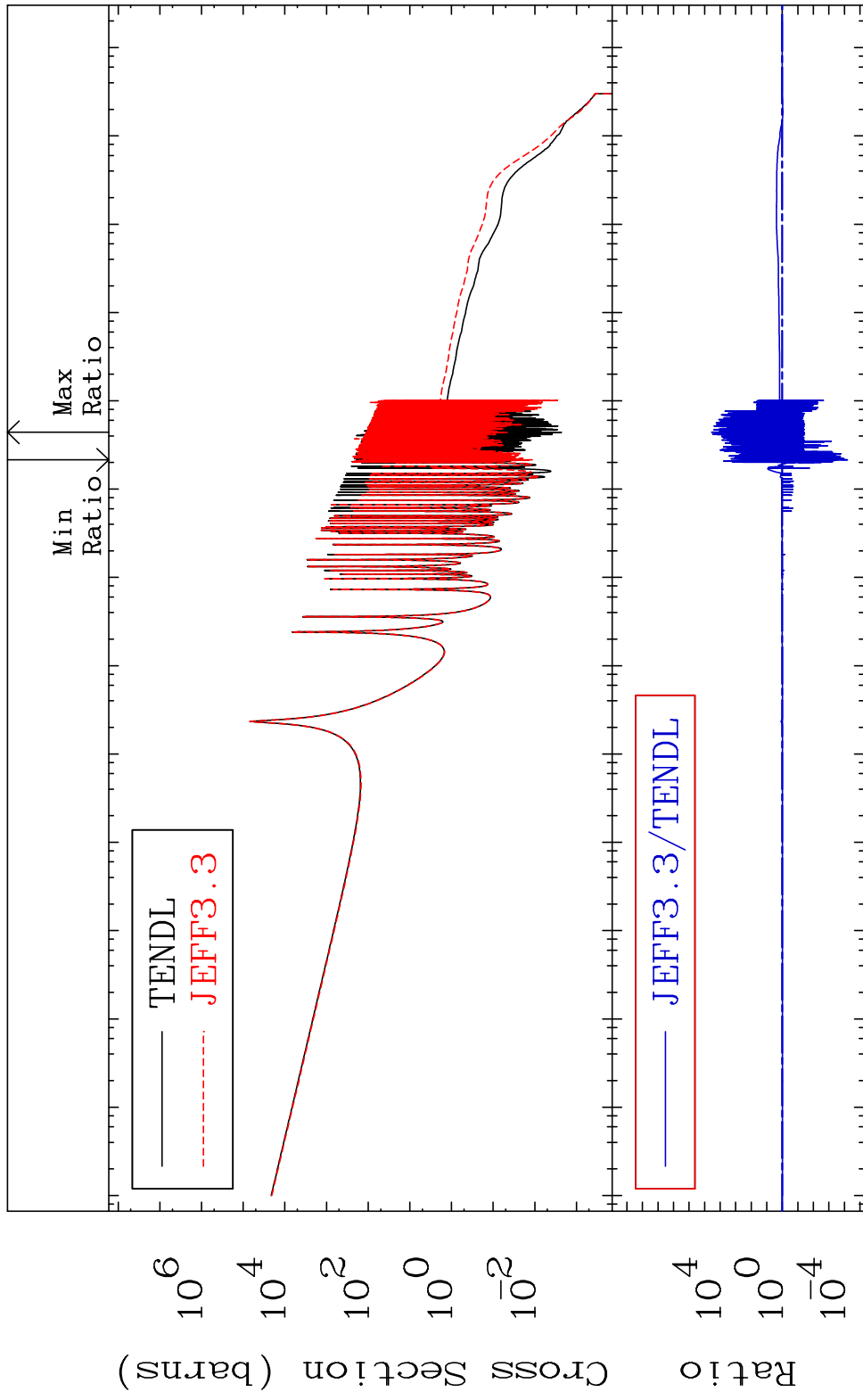
52-Te-123

MAT 5234

(n, γ)

52-Te-123

Cross Section -99.99 To 9999. %



50

Incident Energy (eV)

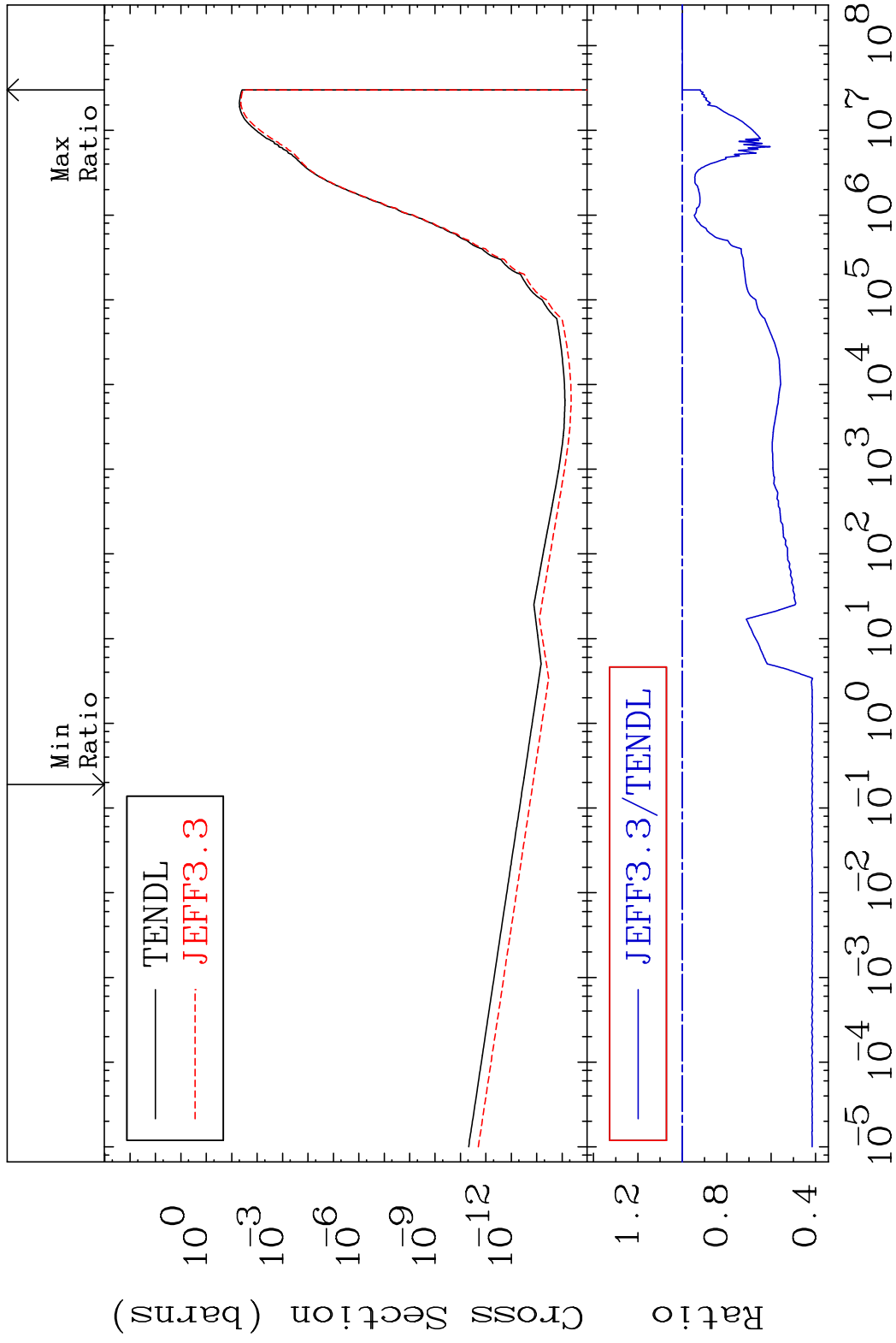
52-Te-123

MAT 5234

(n, p)

52-Te-123

Cross Section -58.64 To 0.000 %



51

Incident Energy (eV)

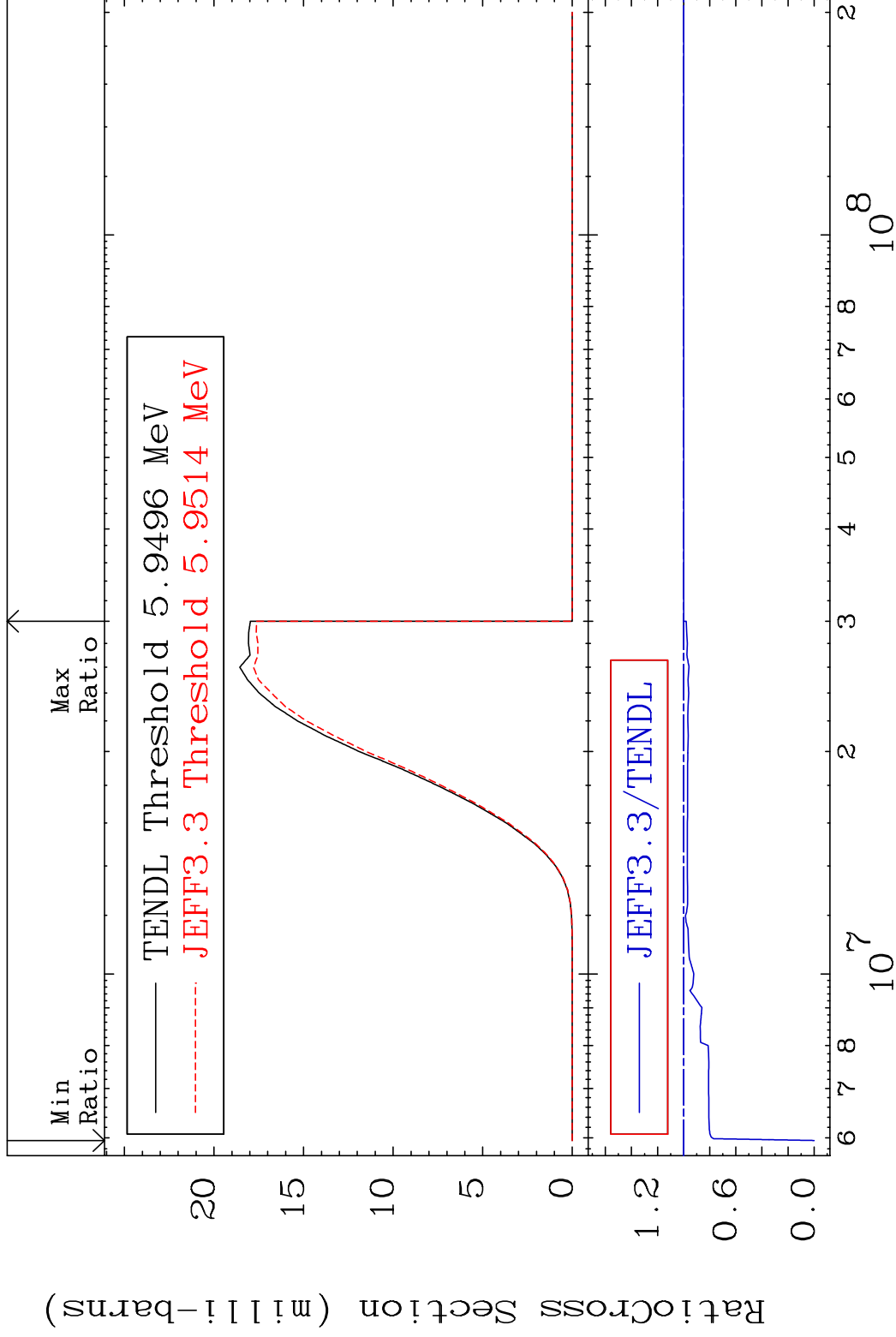
52-Te-123

MAT 5234

(n,d)

52-Te-123

Cross Section -100.0 To 0.000 %



52

Incident Energy (eV)

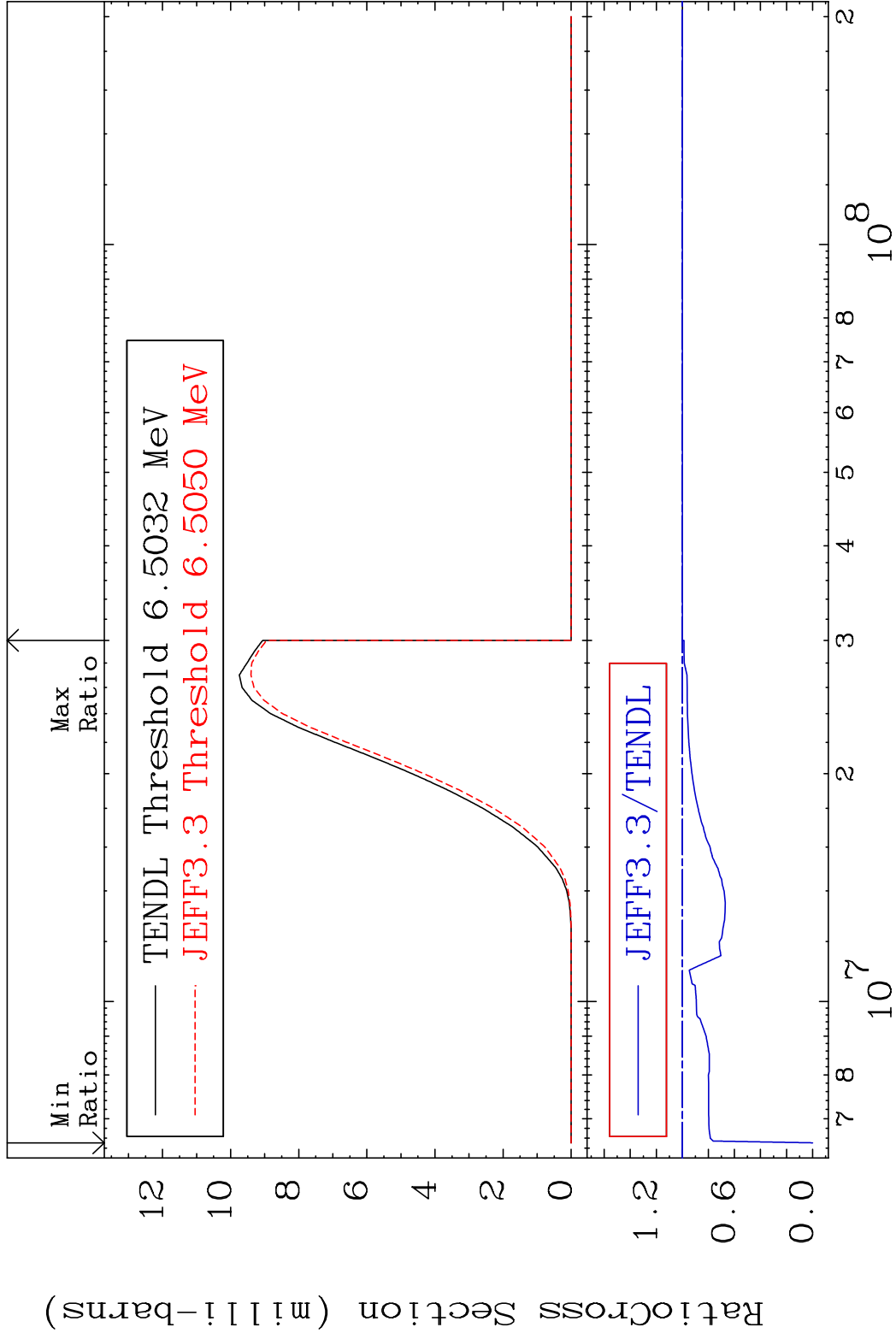
52-Te-123

MAT 5234

(n, t)

52-Te-123

Cross Section -100.0 To 0.000 %



53

Incident Energy (eV)

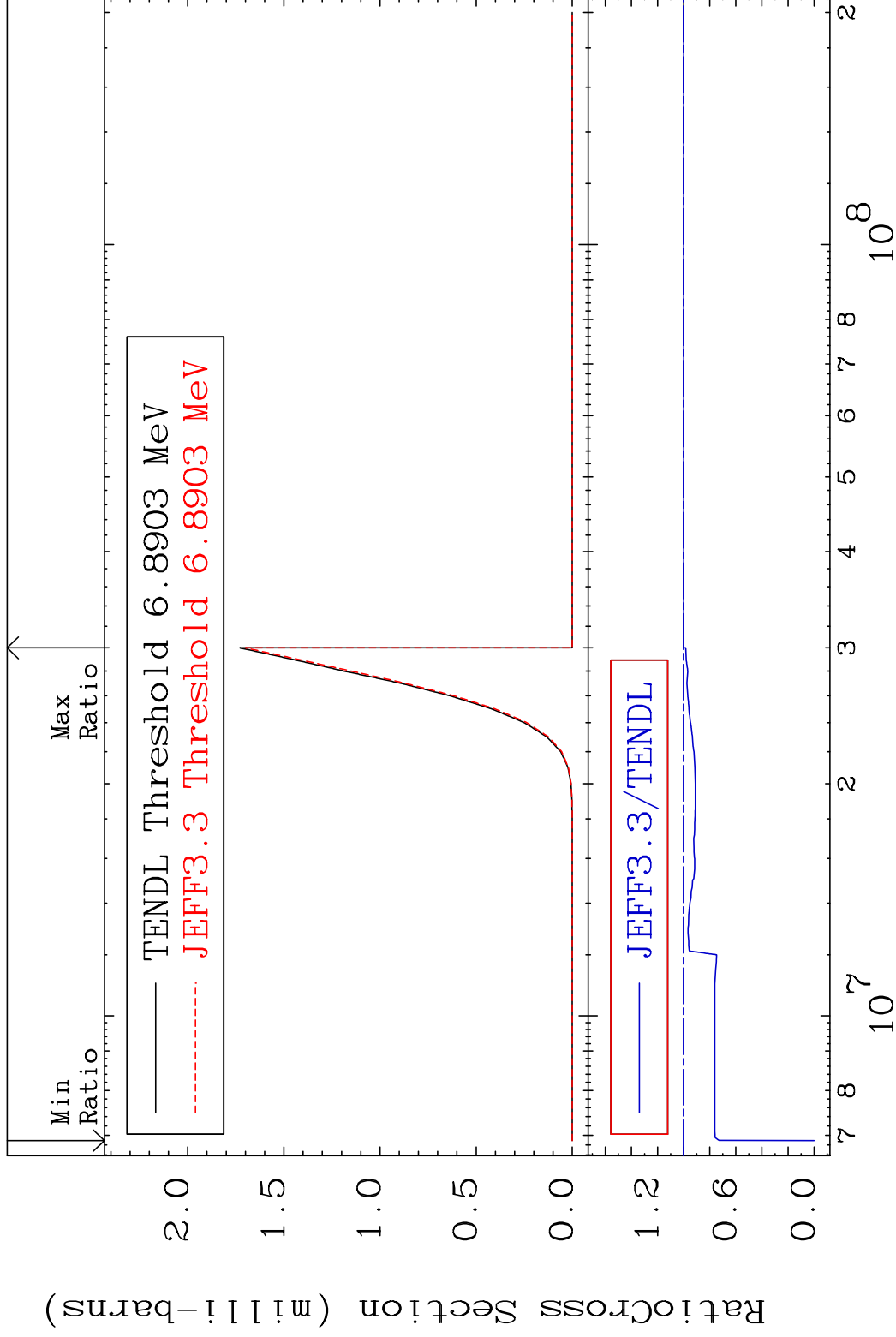
52-Te-123

MAT 5234

(n, He-3)

52-Te-123

Cross Section -100.0 To 0.000 %

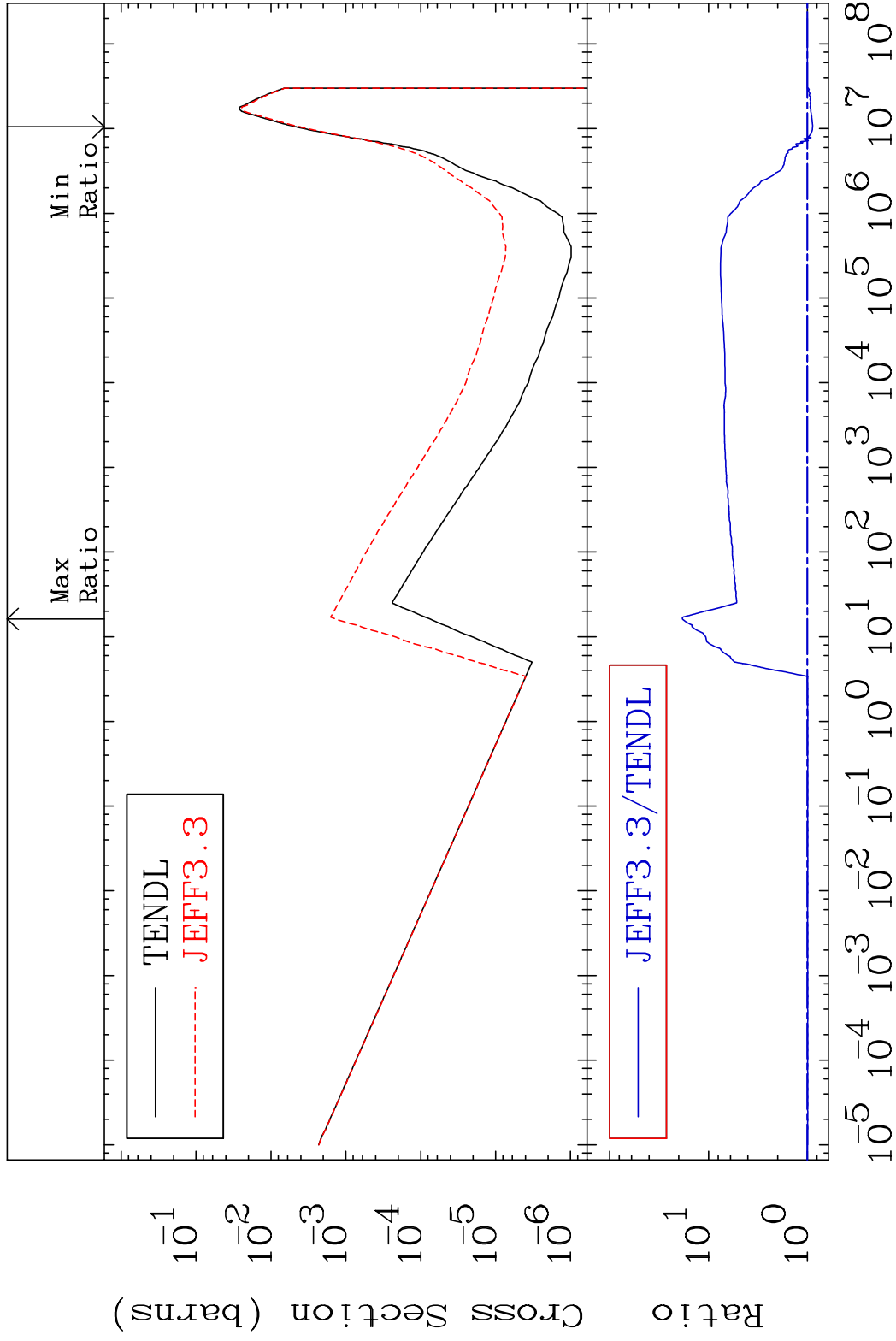


MAT 5234

(n, α)

52-Te-123

Cross Section -11.29 To 1741. %



55

Incident Energy (eV)

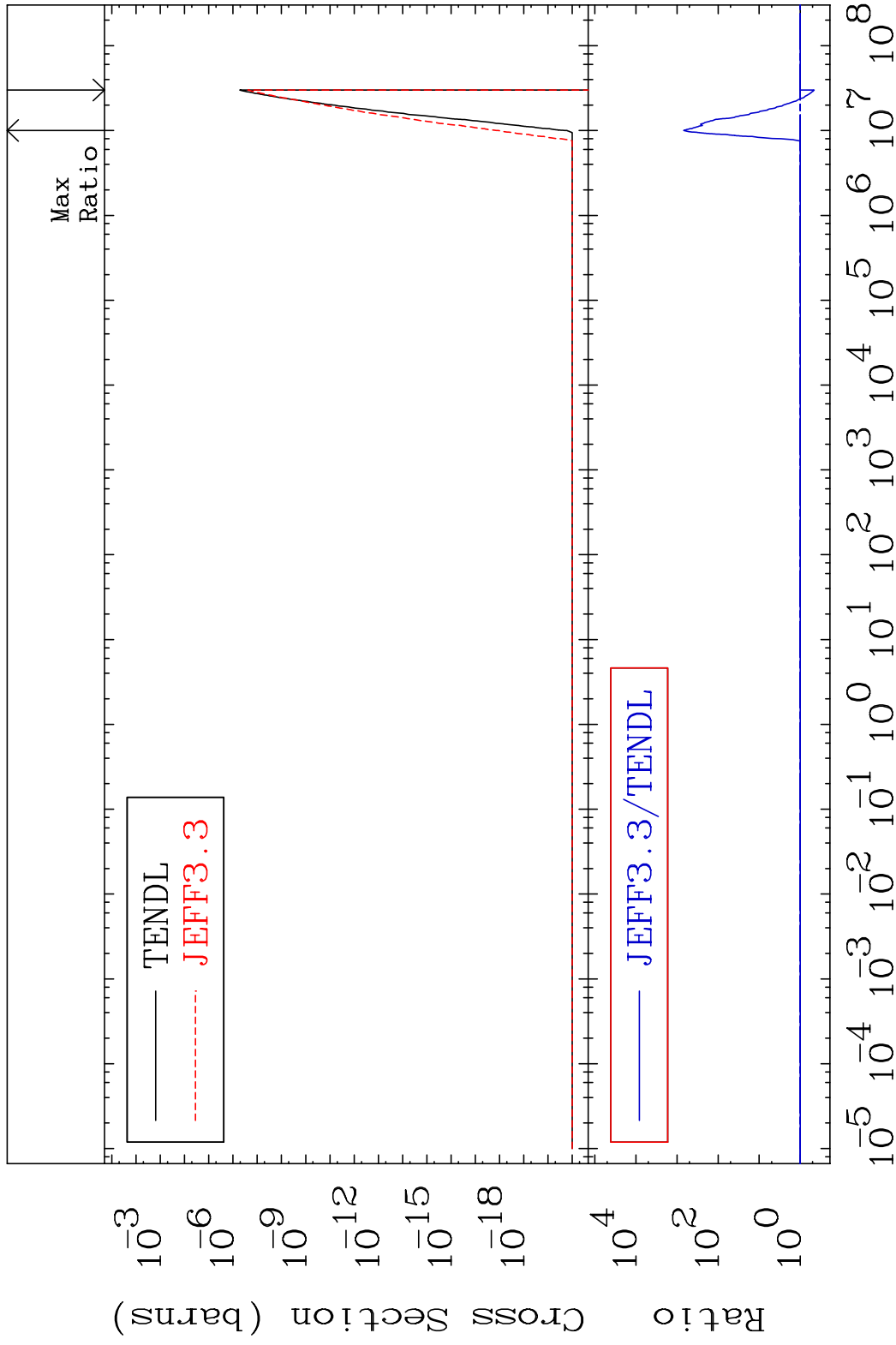
52-Te-123

MAT 5234

(n,2α)

52-Te-123

Cross Section -53.94 To 9999. %



56

Incident Energy (eV)

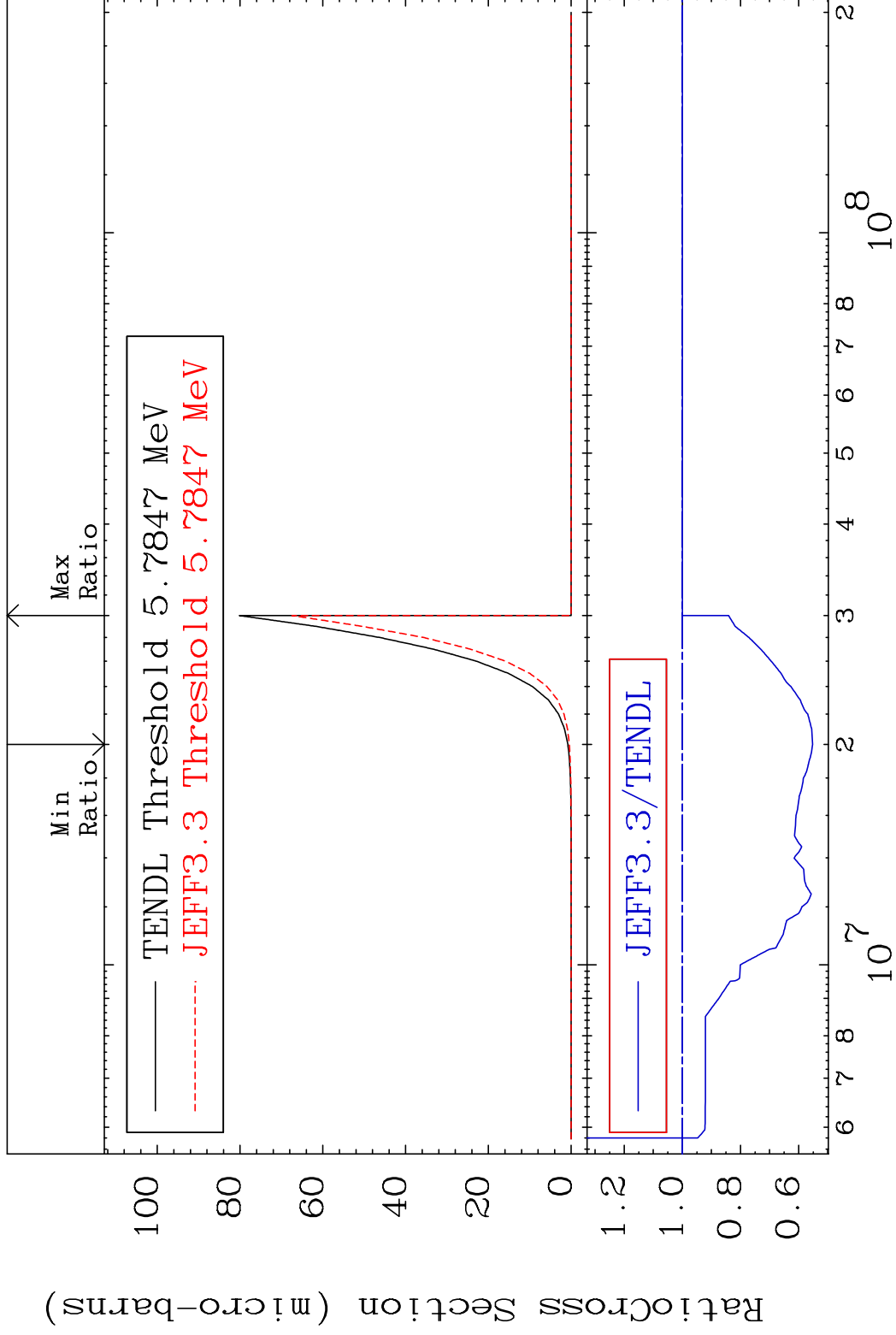
52-Te-123

MAT 5234

(n,2p)

52-Te-123

Cross Section -44.78 To 0.000 %



57

Incident Energy (eV)

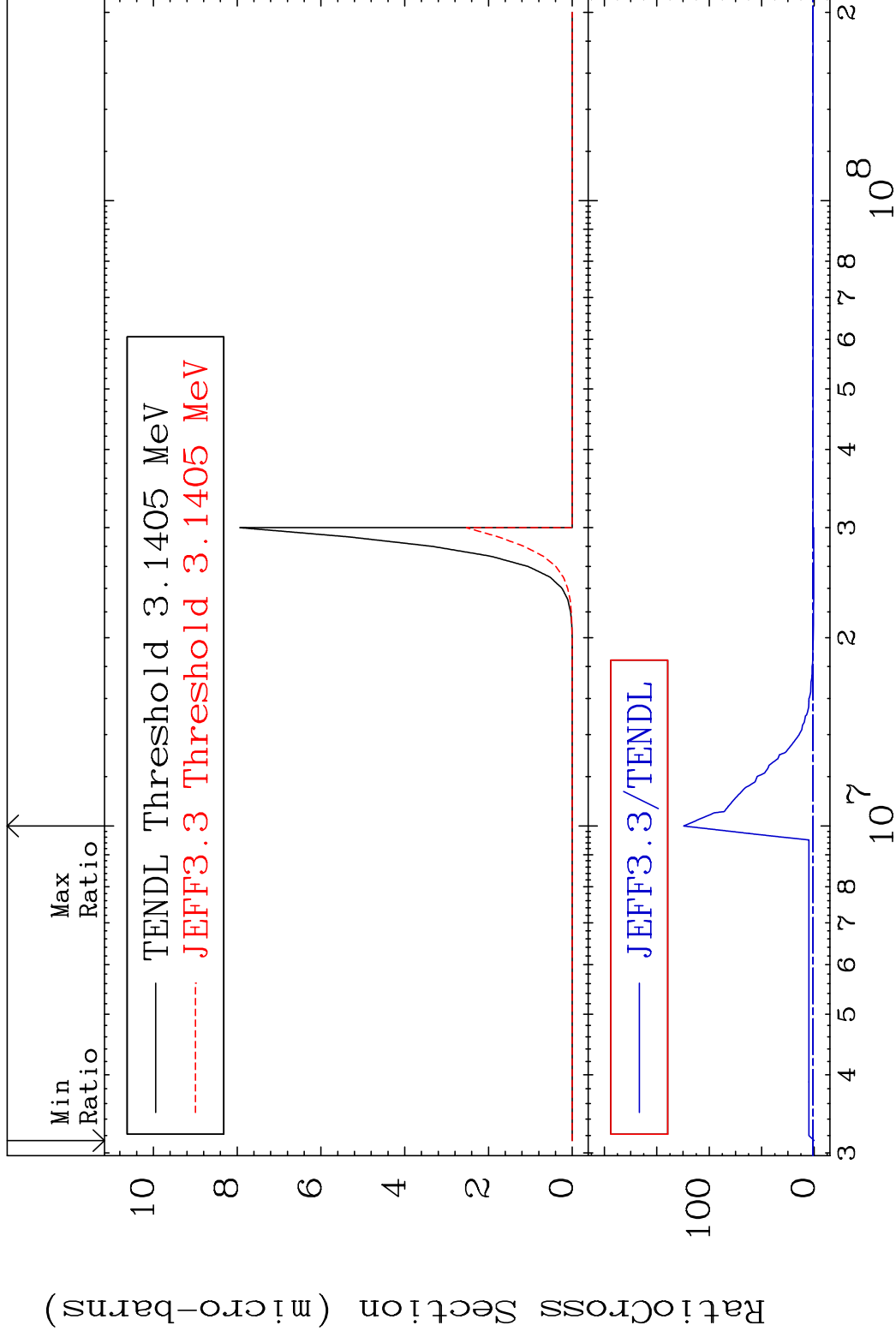
52-Te-123

MAT 5234

(n,p) α

52-Te-123

Cross Section -100.0 To 9999. %



58

Incident Energy (eV)

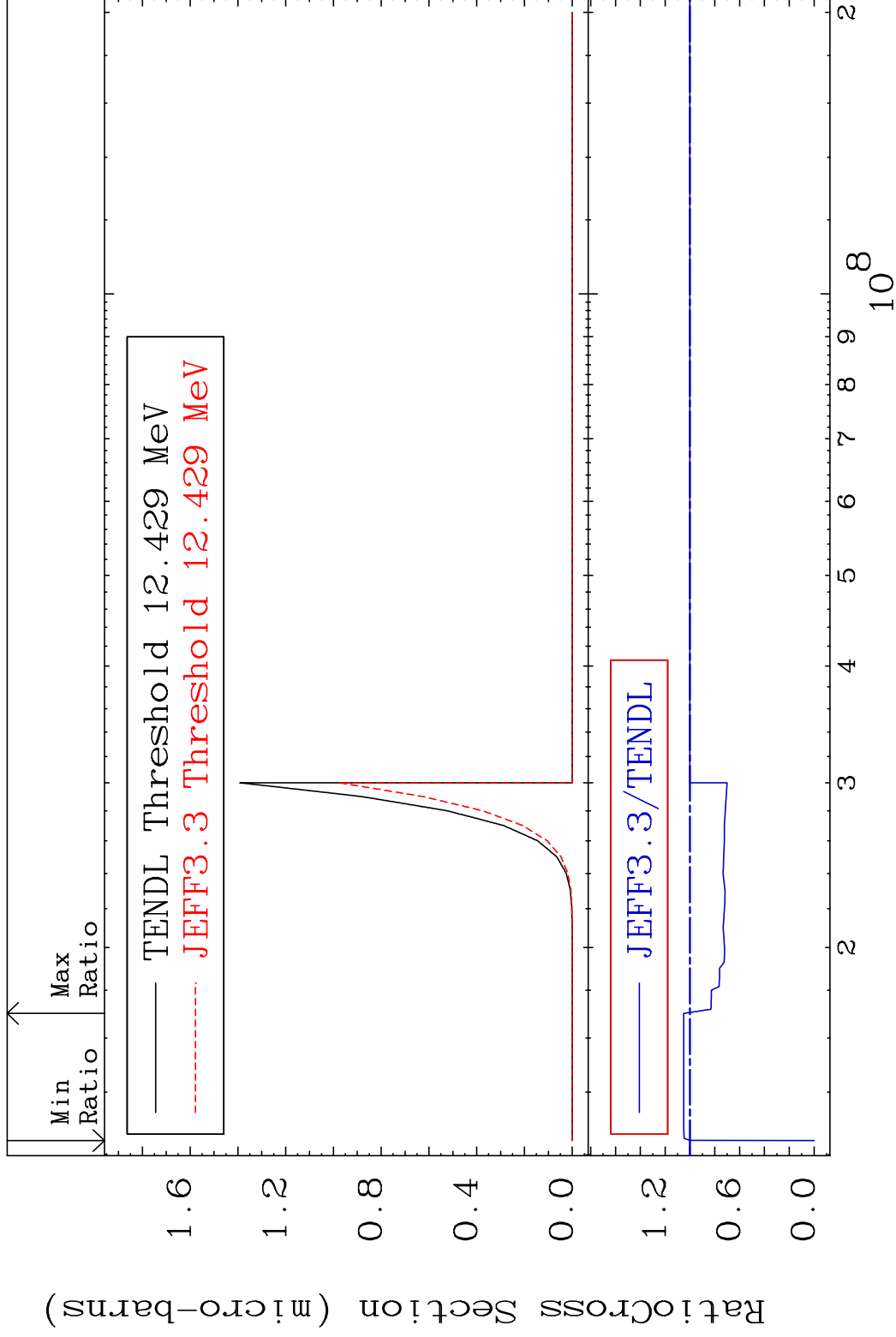
52-Te-123

MAT 5234

(n,p) d

52-Te-123

Cross Section -100.0 To 5.089 %



59

Incident Energy (eV)

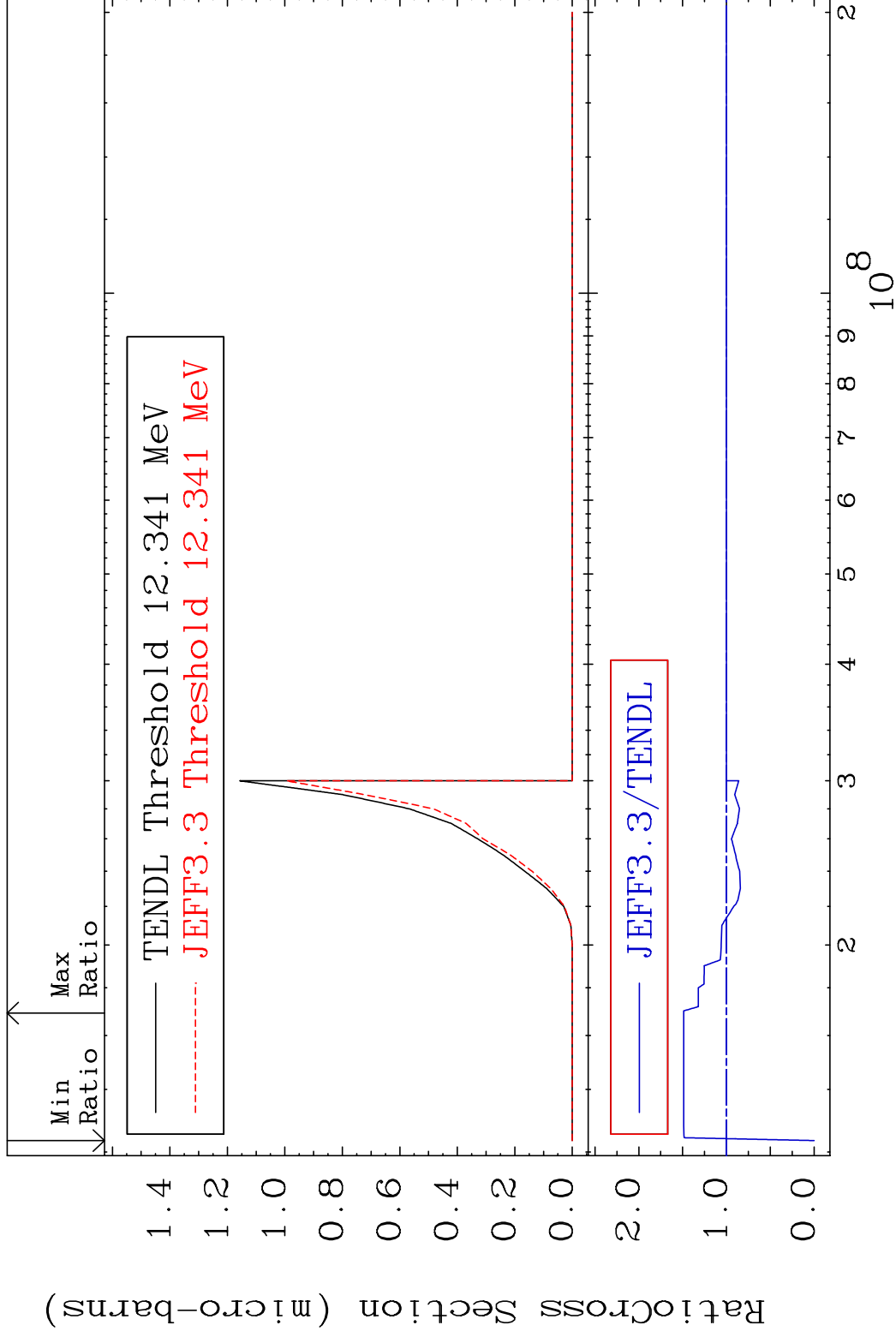
52-Te-123

MAT 5234

(n,p) t

52-Te-123

Cross Section -100.0 To 48.83 %



60

Incident Energy (eV)

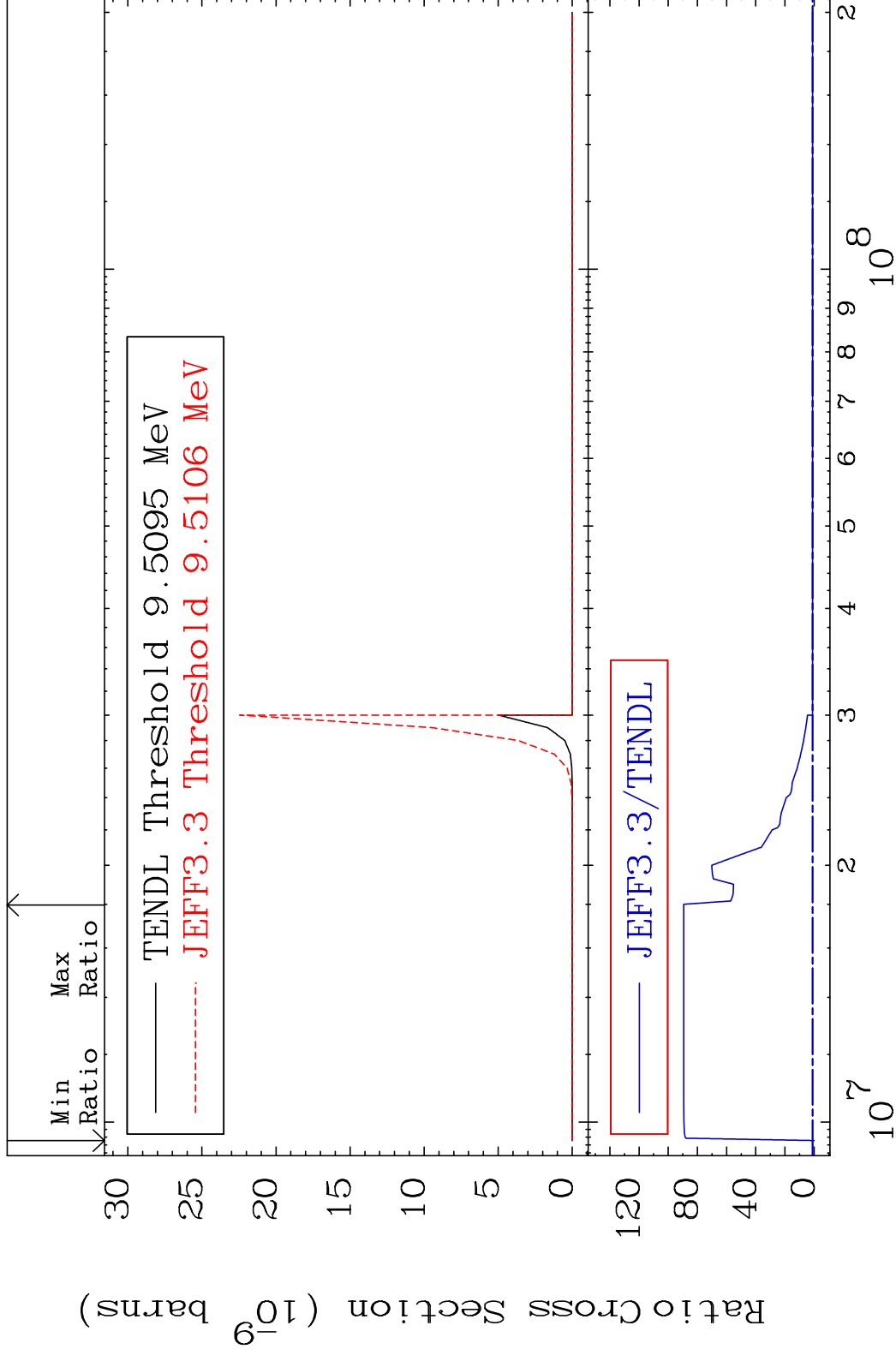
52-Te-123

MAT 5234

(n,d) α

52-Te-123

Cross Section -100.0 To 8842. %



61

Incident Energy (eV)

52-Te-123

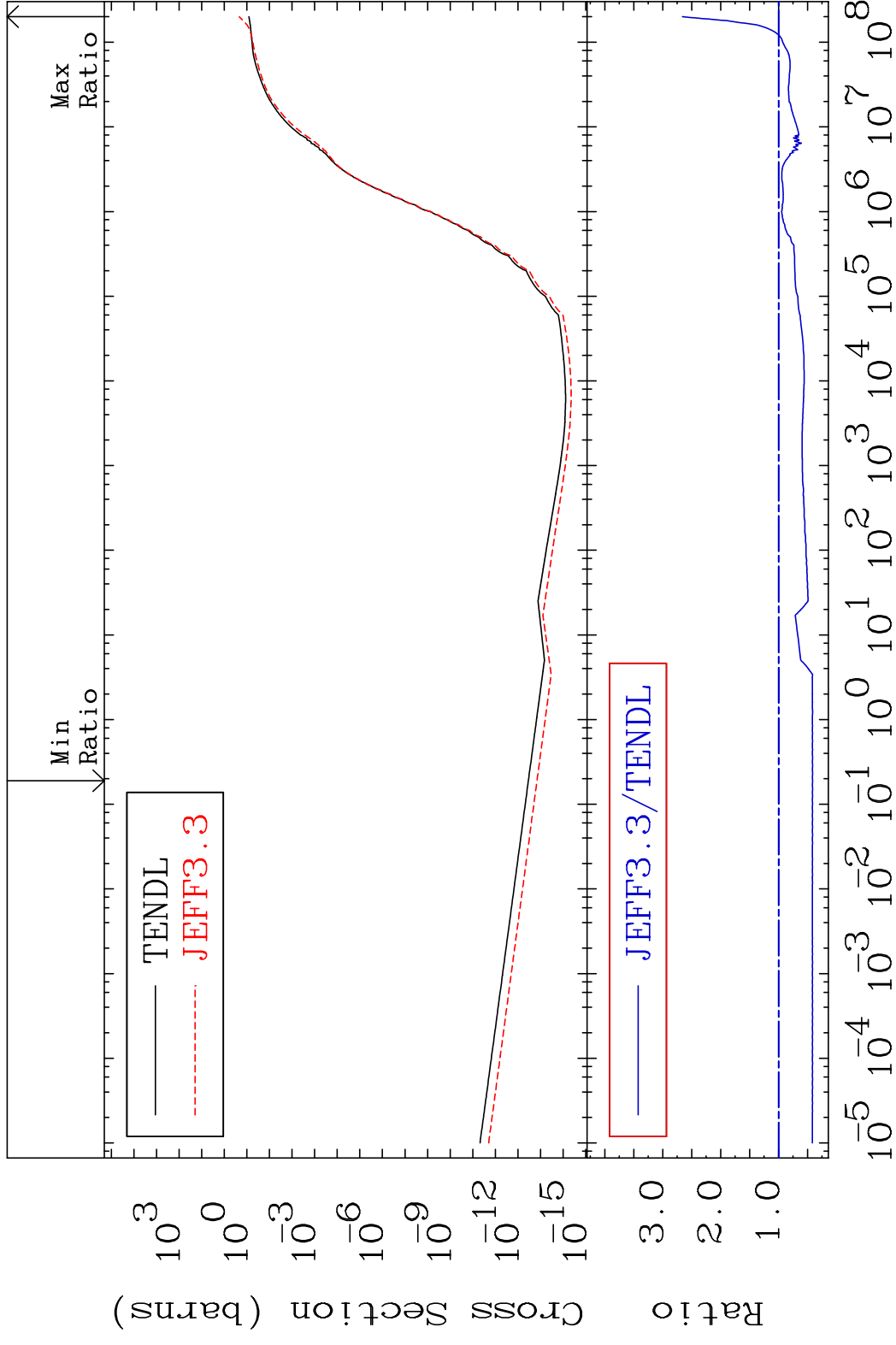
MAT 5234

Hydrogen Production

52-Te-123

Cross Section

-58.64 To 166.1 %

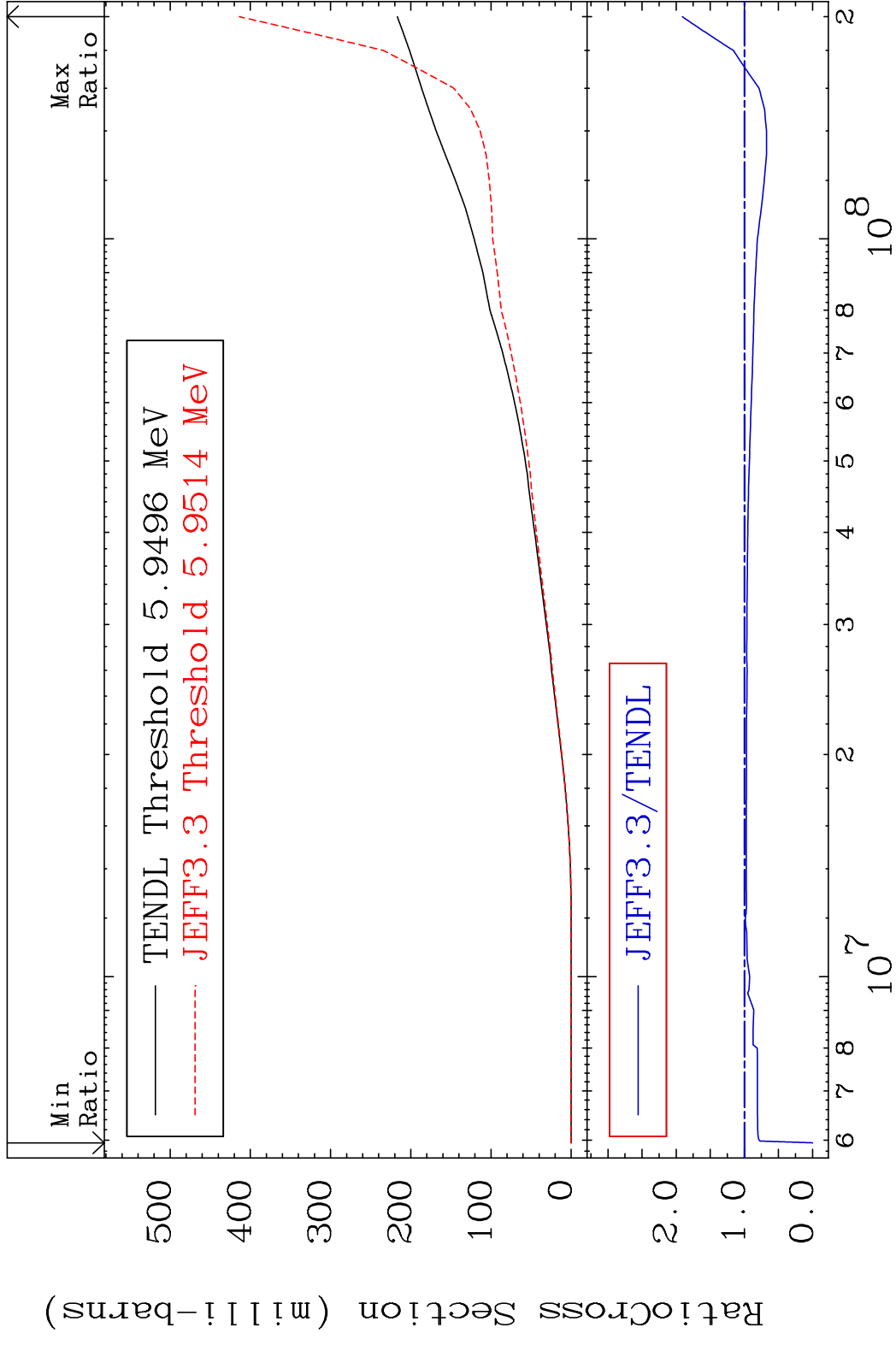


MAT 5234

Deuterium Production

52-Te-123

Cross Section -100.0 To 90.90 %



63

Incident Energy (eV)

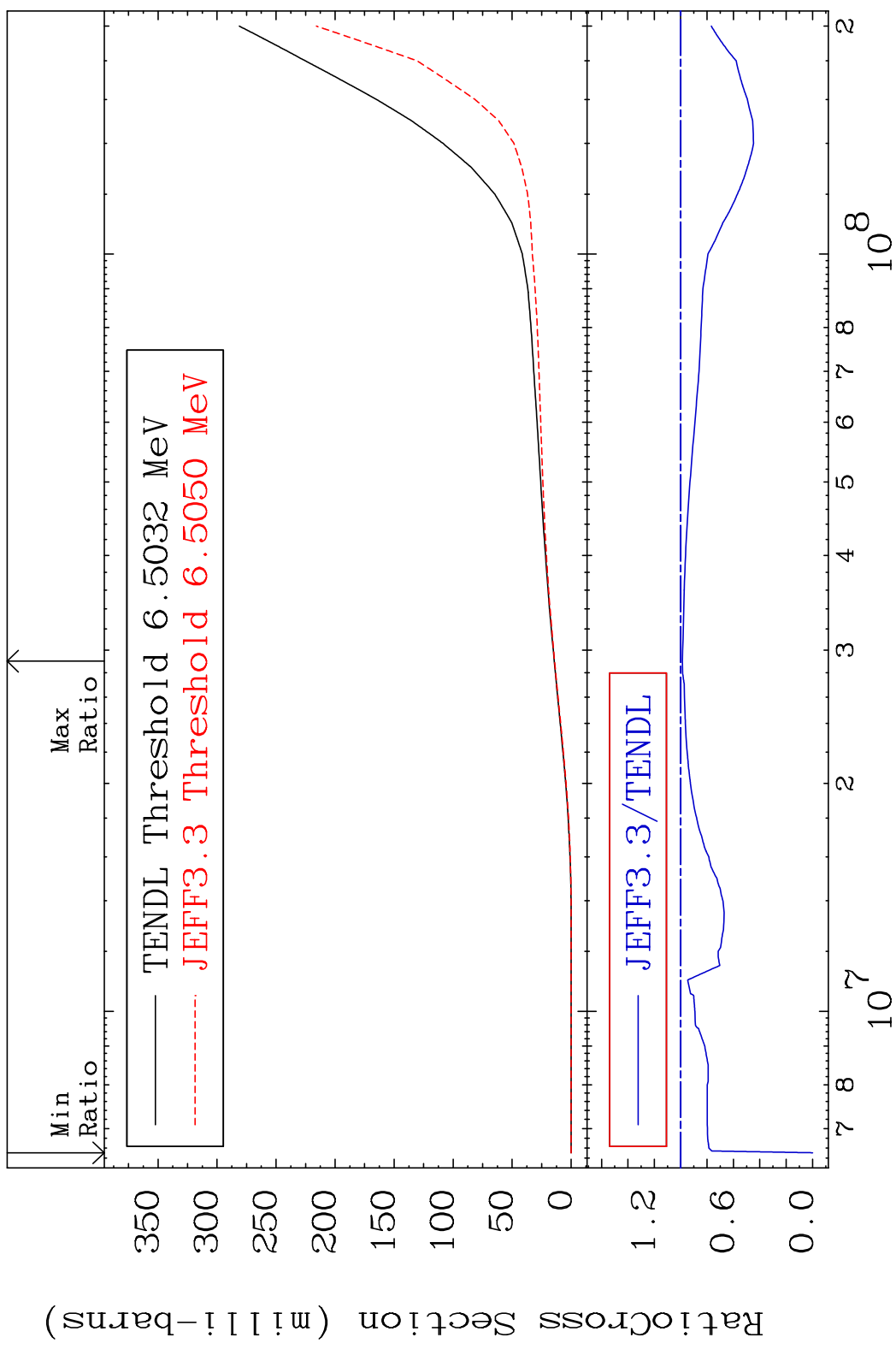
52-Te-123

MAT 5234

Tritium Production

52-Te-123

Cross Section -100.0 To -1.273%

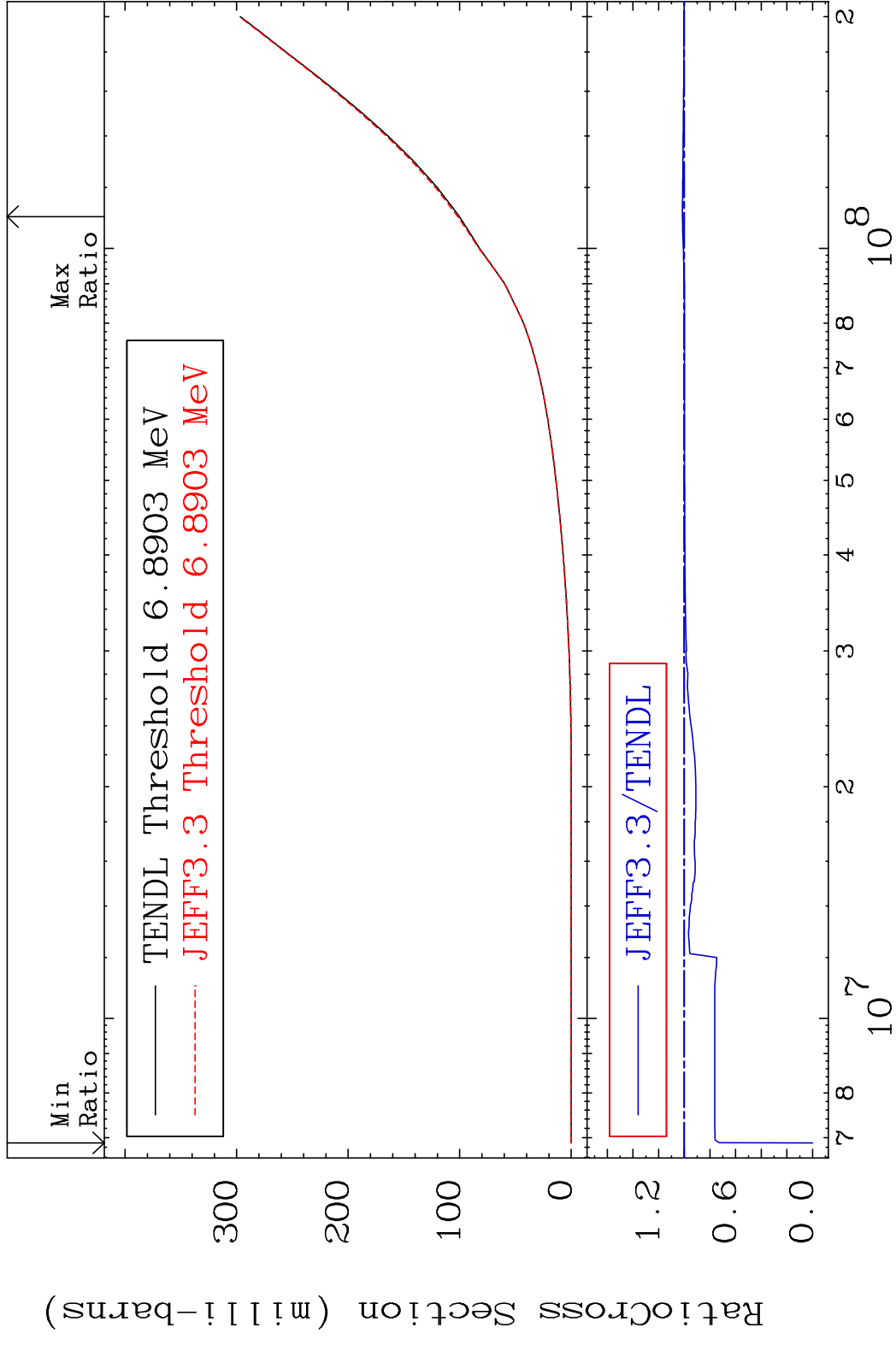


MAT 5234

He-3 Production

52-Te-123

Cross Section -100.0 To 1.525 %

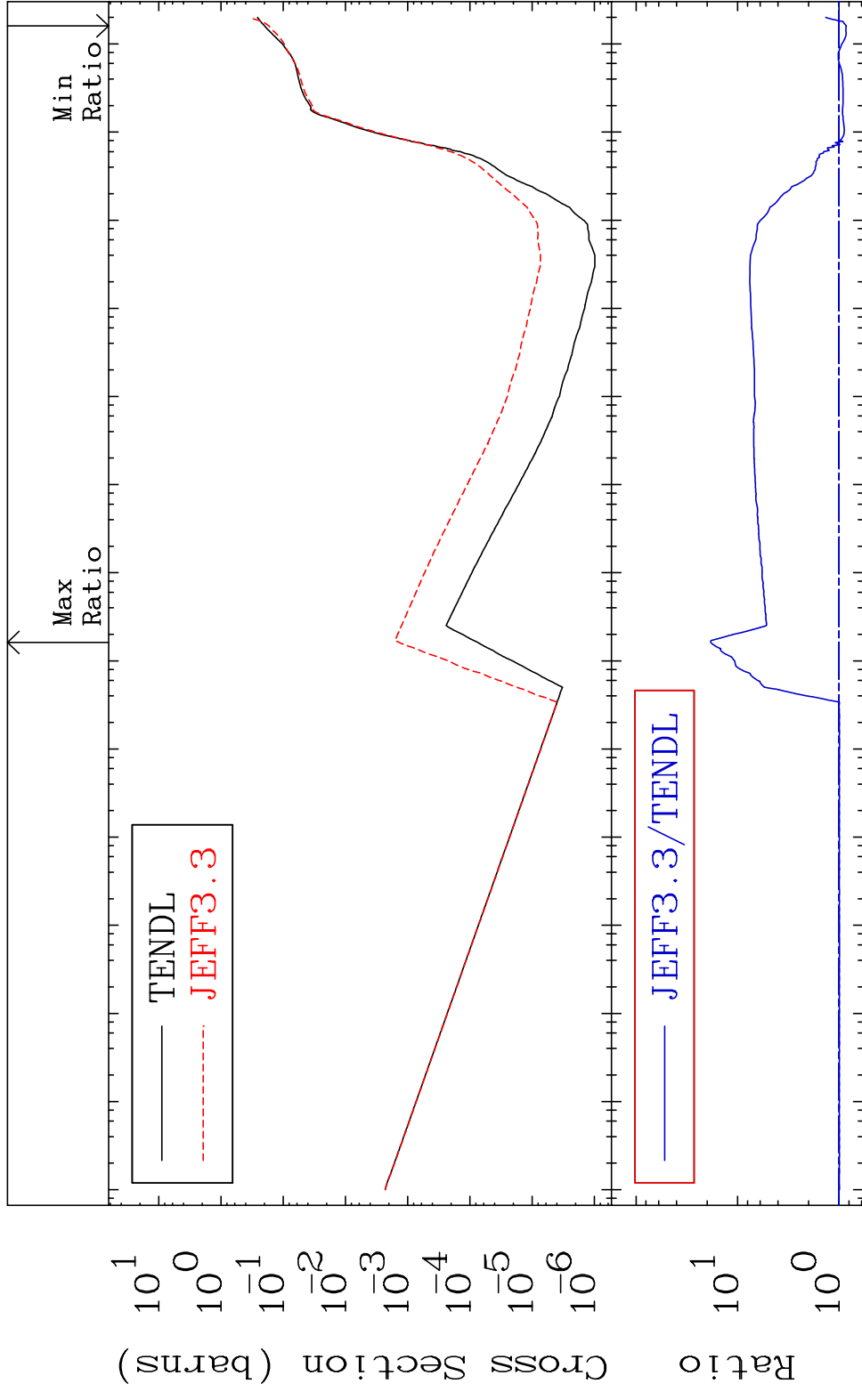


MAT 5234

He-4 Production

52-Te-123

Cross Section -15.10 To 1741. %

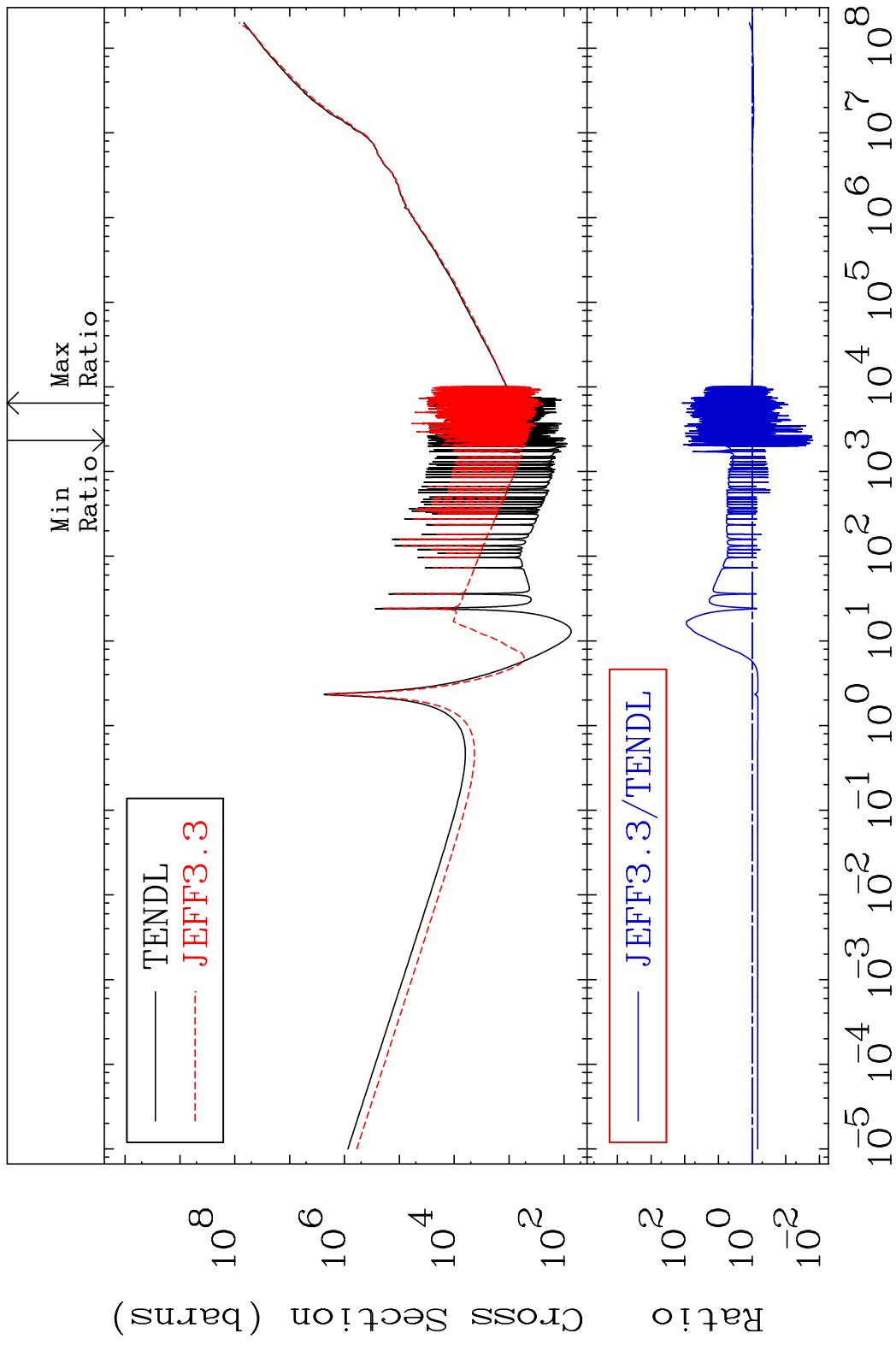


66

Incident Energy (eV)

52-Te-123

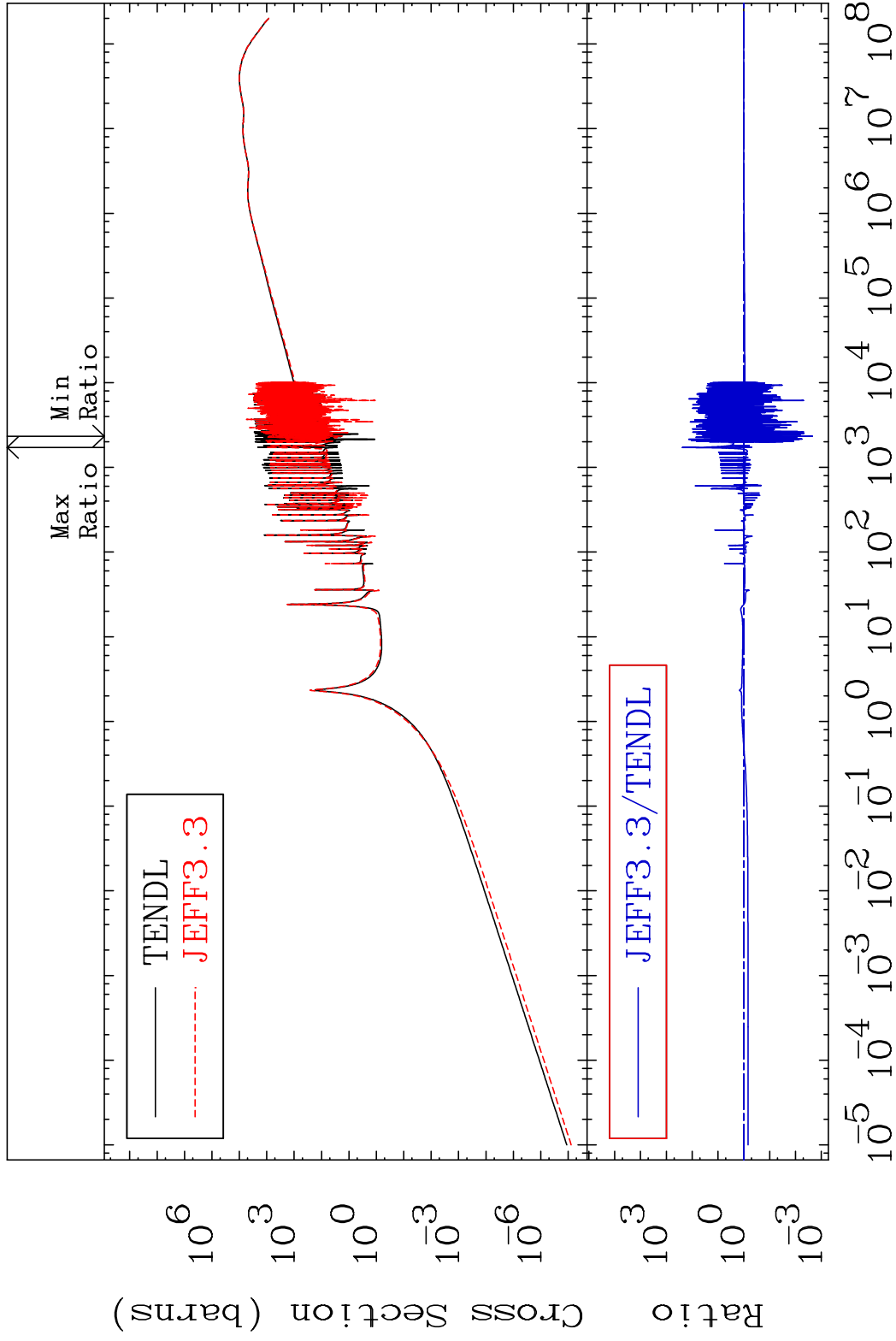
MAT 5234 Kerma total (eV-barns) 52-Te-123
 Cross Section -98.40 To 9999. %



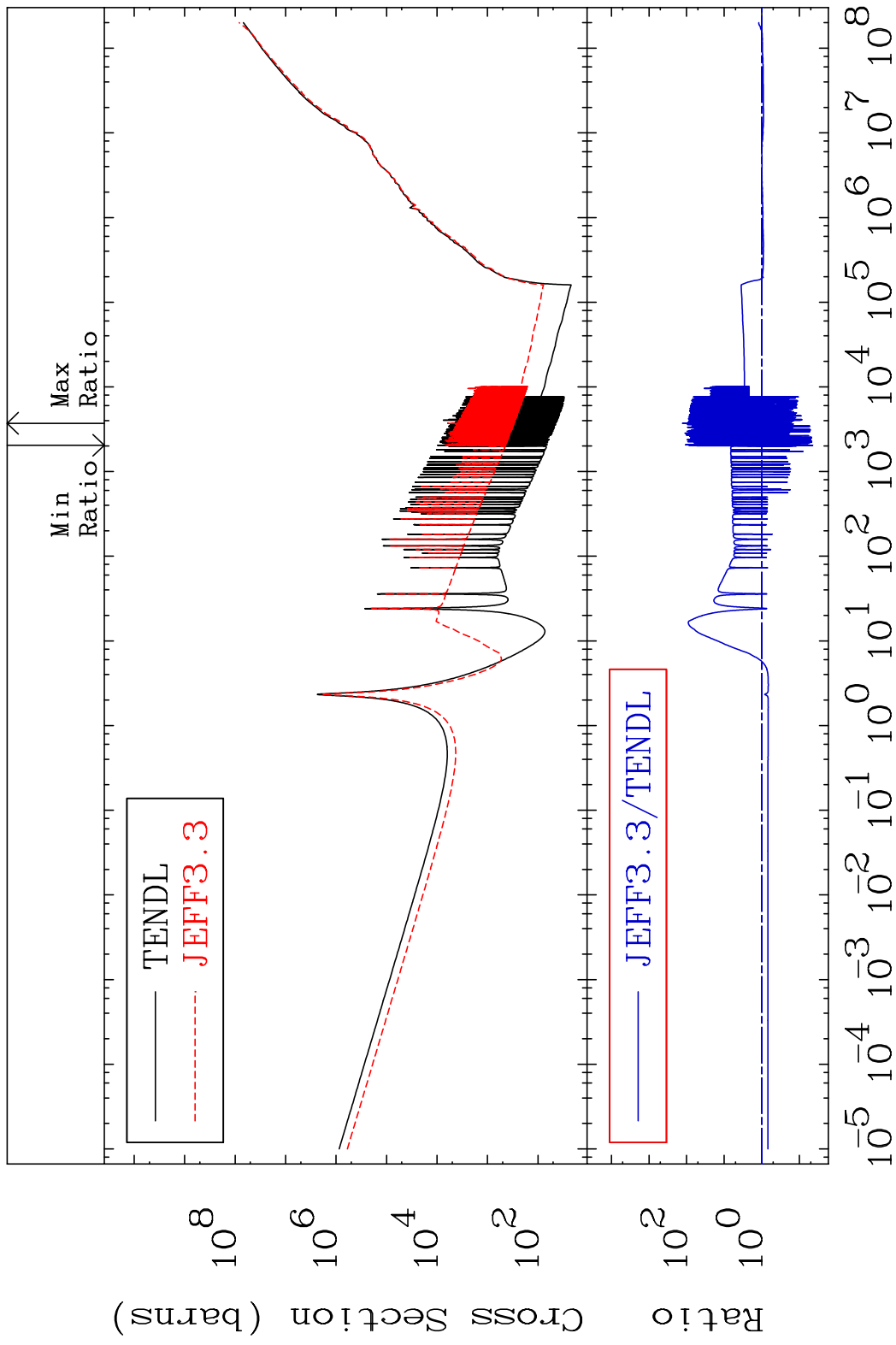
MAT 5234

Kerma elastic
Cross Section

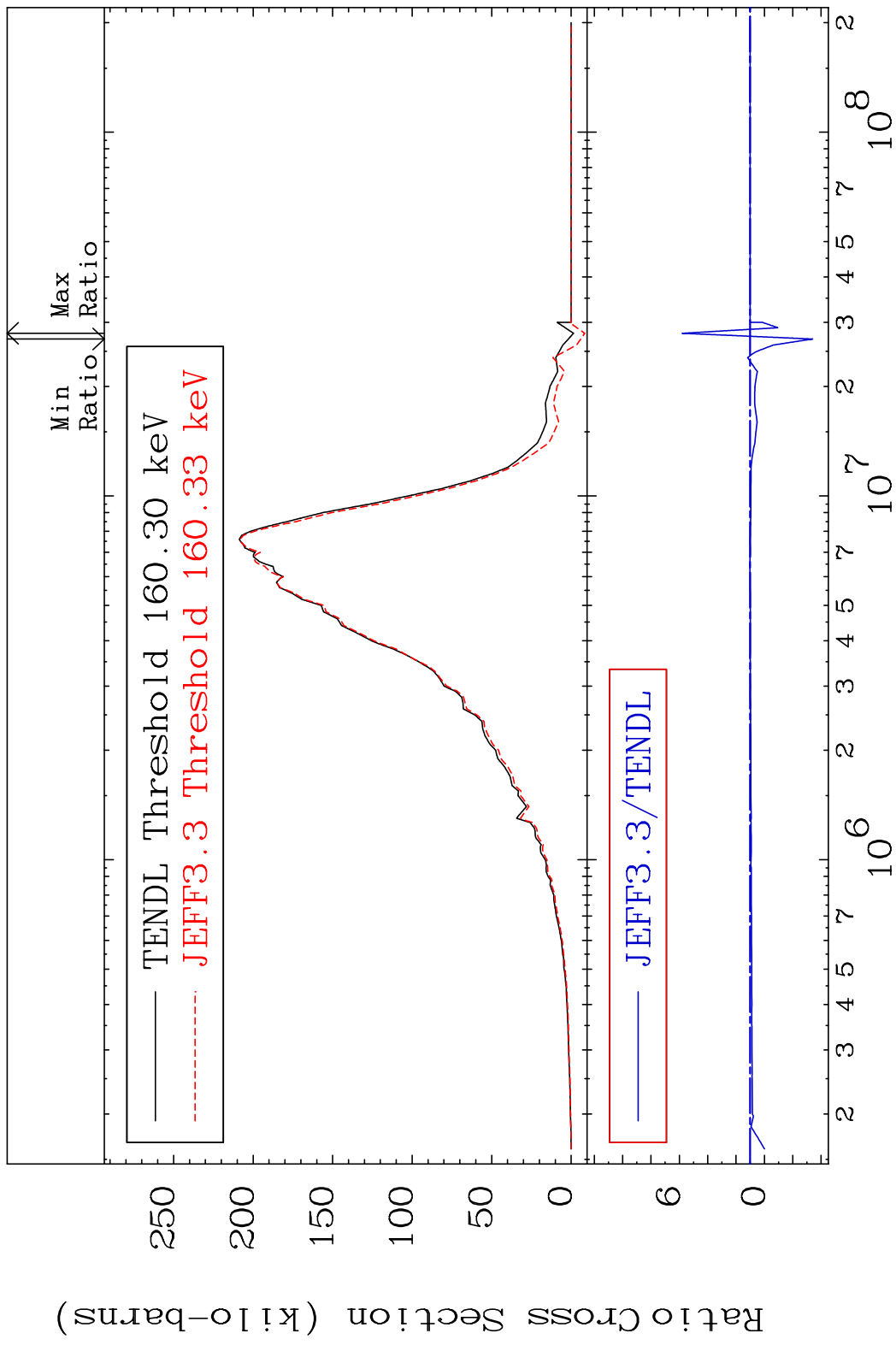
52-Te-123
-99.78 To 9999. %



MAT 5234 Kerma non-elastic (all but mt2) 52-Te-123
 Cross Section -95.54 To 9999. %

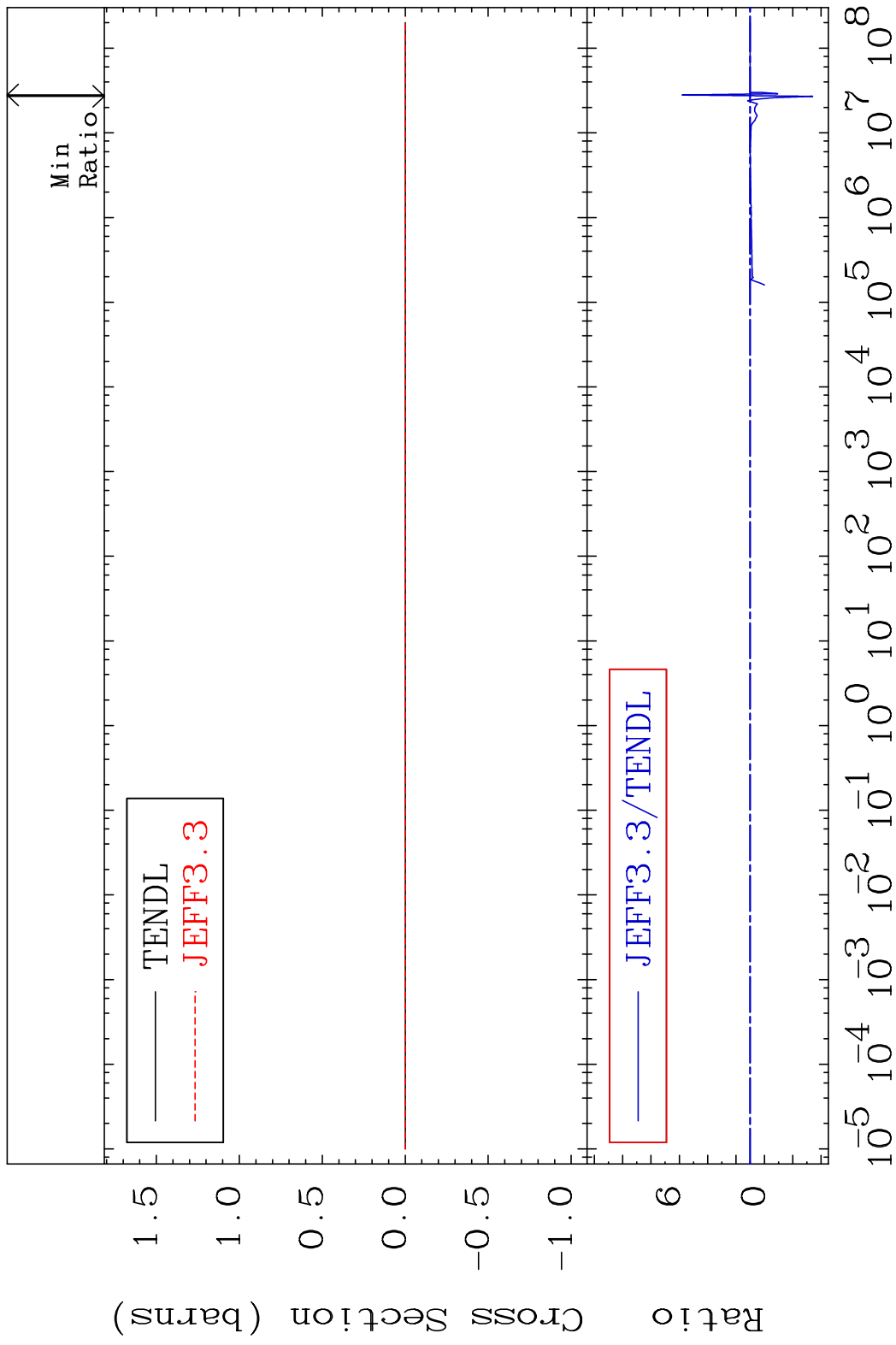


MAT 5234 Kerma inelastic (mt51-91) 52-Te-123
Cross Section -439.9 To 478.5 %



70 Incident Energy (eV) 52-Te-123

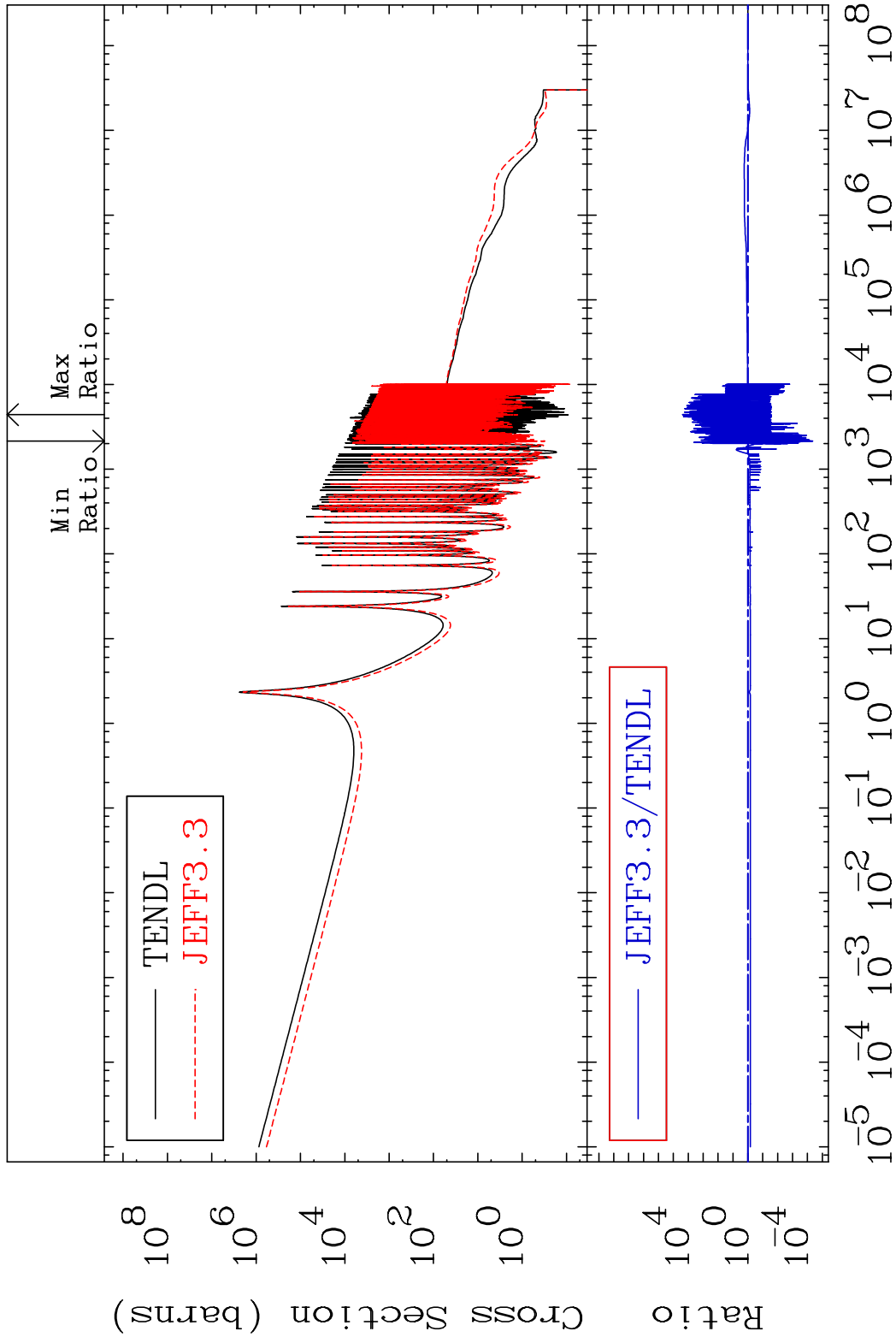
MAT 5234 Kerma fission (mt18 or mt19-20-21-38) 52-Te-123
 Cross Section -439.9 To 478.5 %



MAT 5234

Kerma capture (mt102) 52-Te-123

Cross Section -100.0 To 9999. %



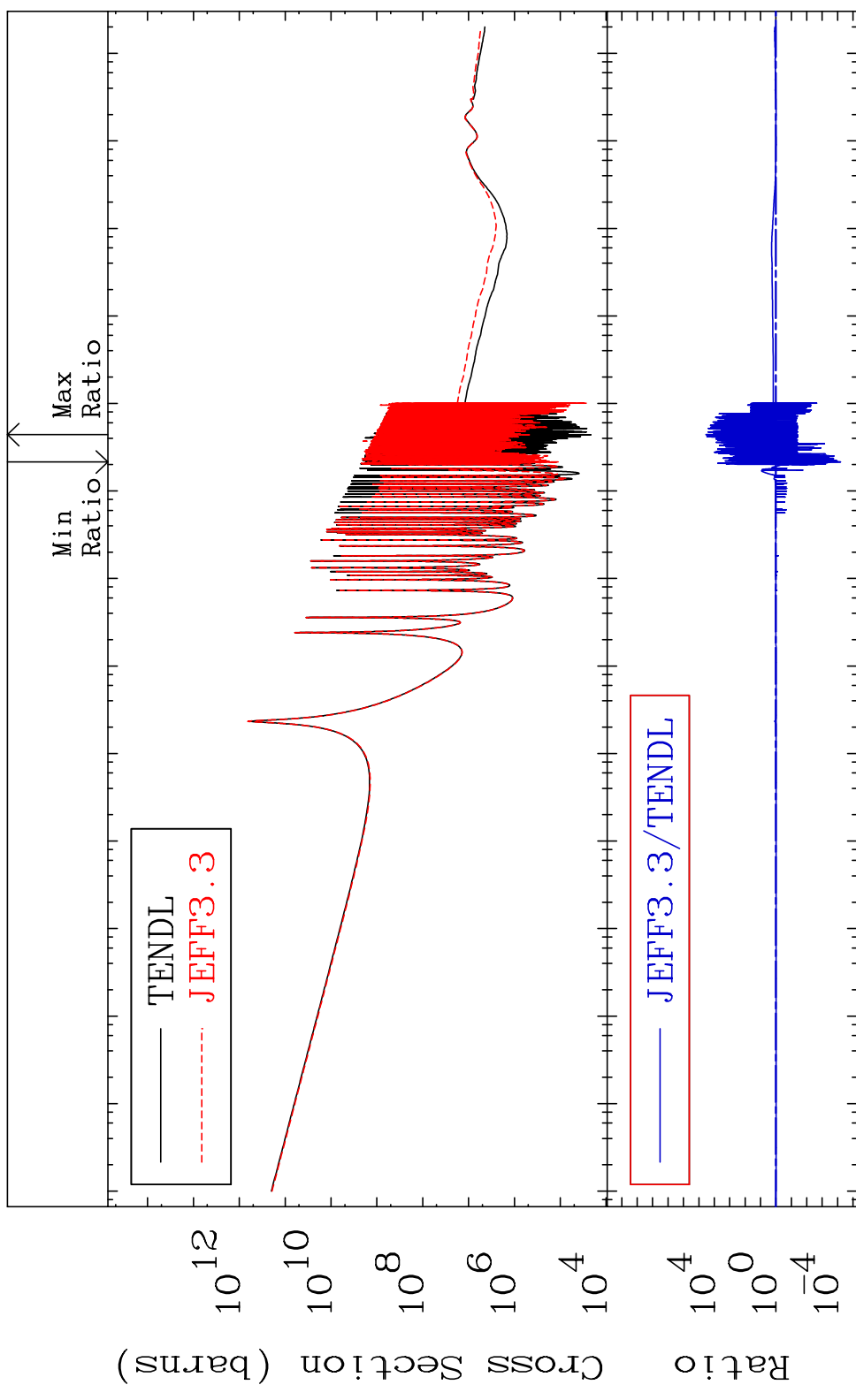
72

Incident Energy (eV)

52-Te-123

MAT 5234

Total photon (eV-barns) 52-Te-123
Cross Section -99.99 To 9999. %

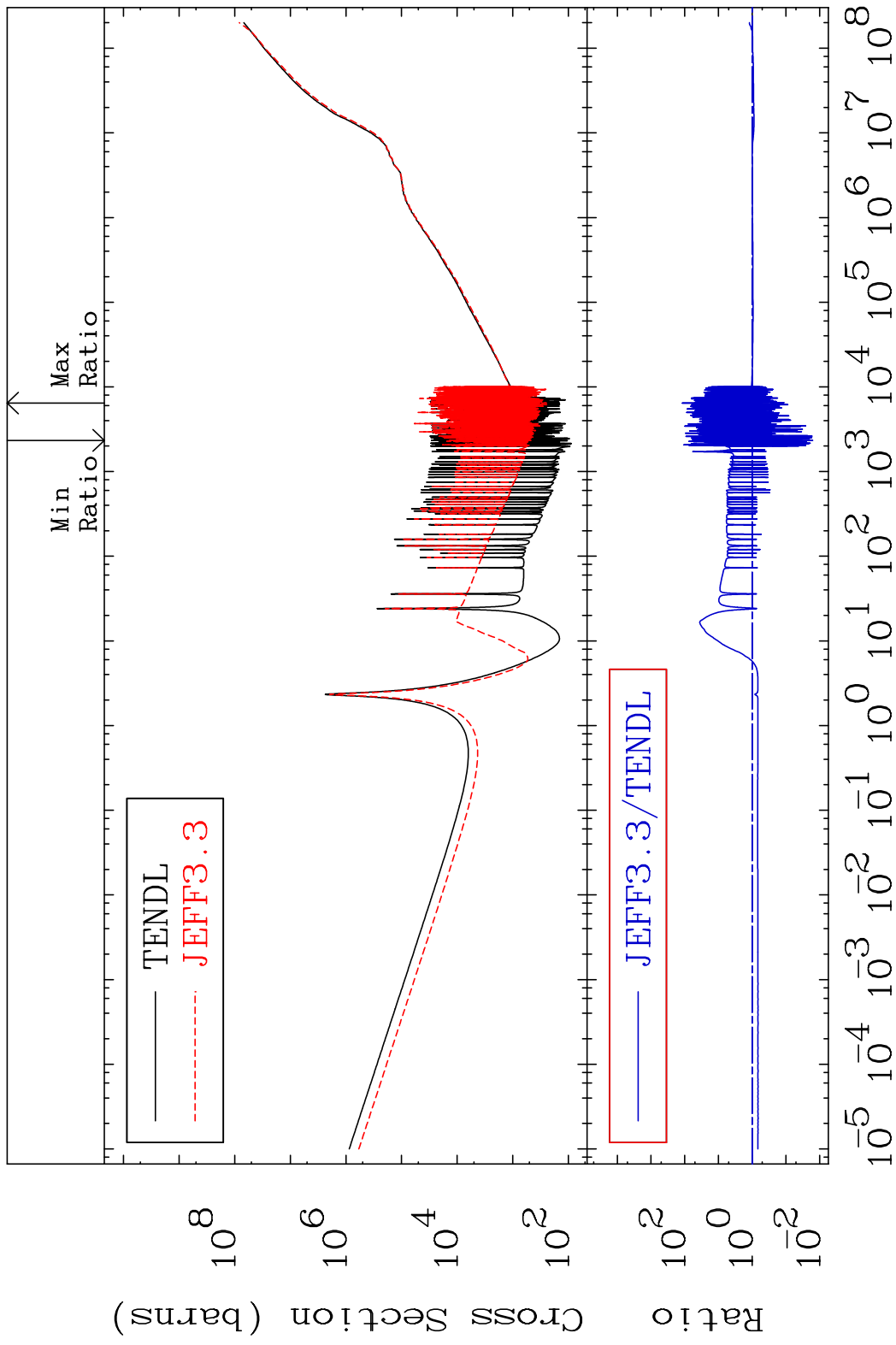


73

Incident Energy (eV)

52-Te-123

MAT 5234 Total kinematic kerma (high limit) 52-Te-123
 Cross Section -98.39 To 9999. %

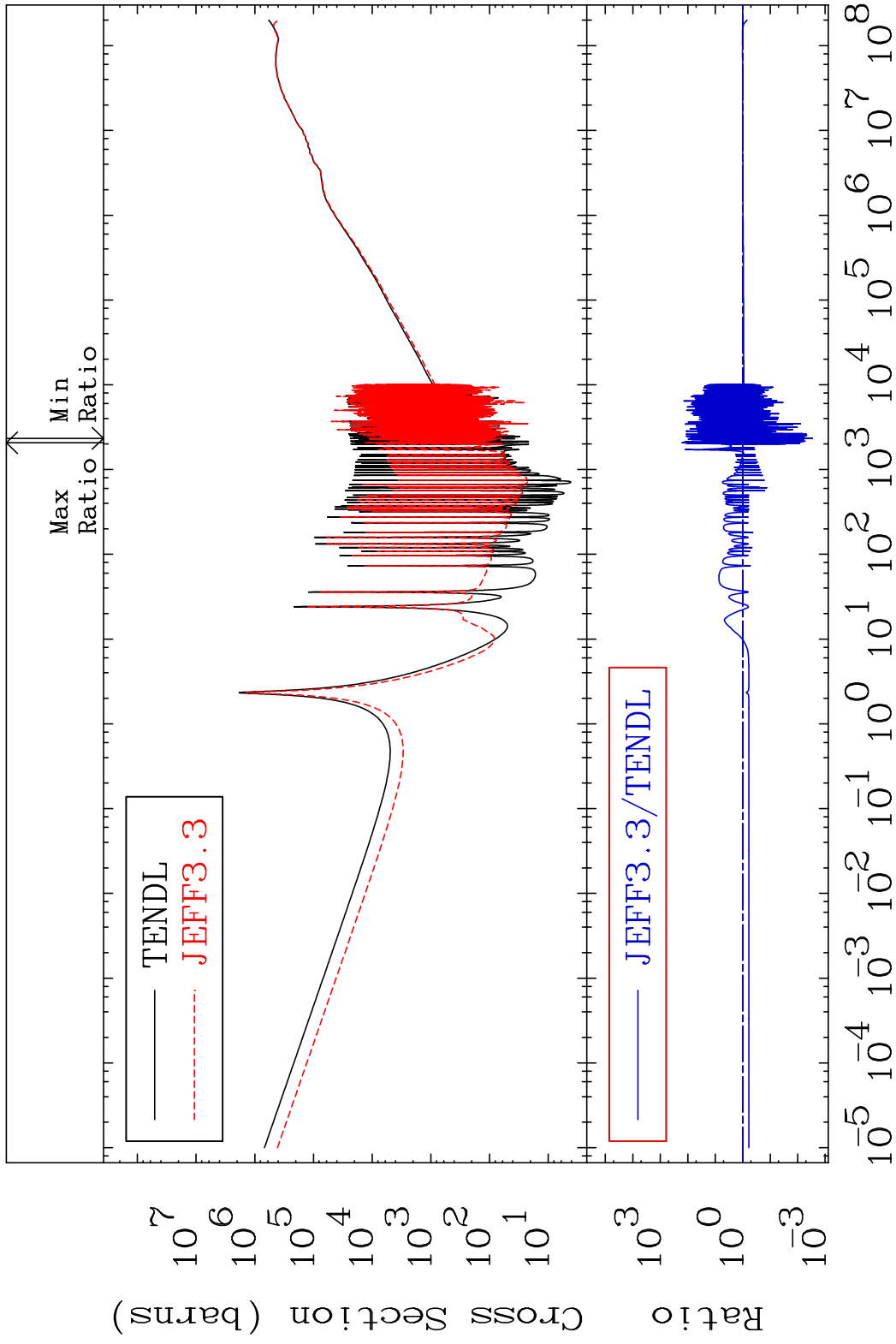


MAT 5234

Dpa total (eV-barns)

52-Te-123

Cross Section -99.71 To 9999. %



75

Incident Energy (eV)

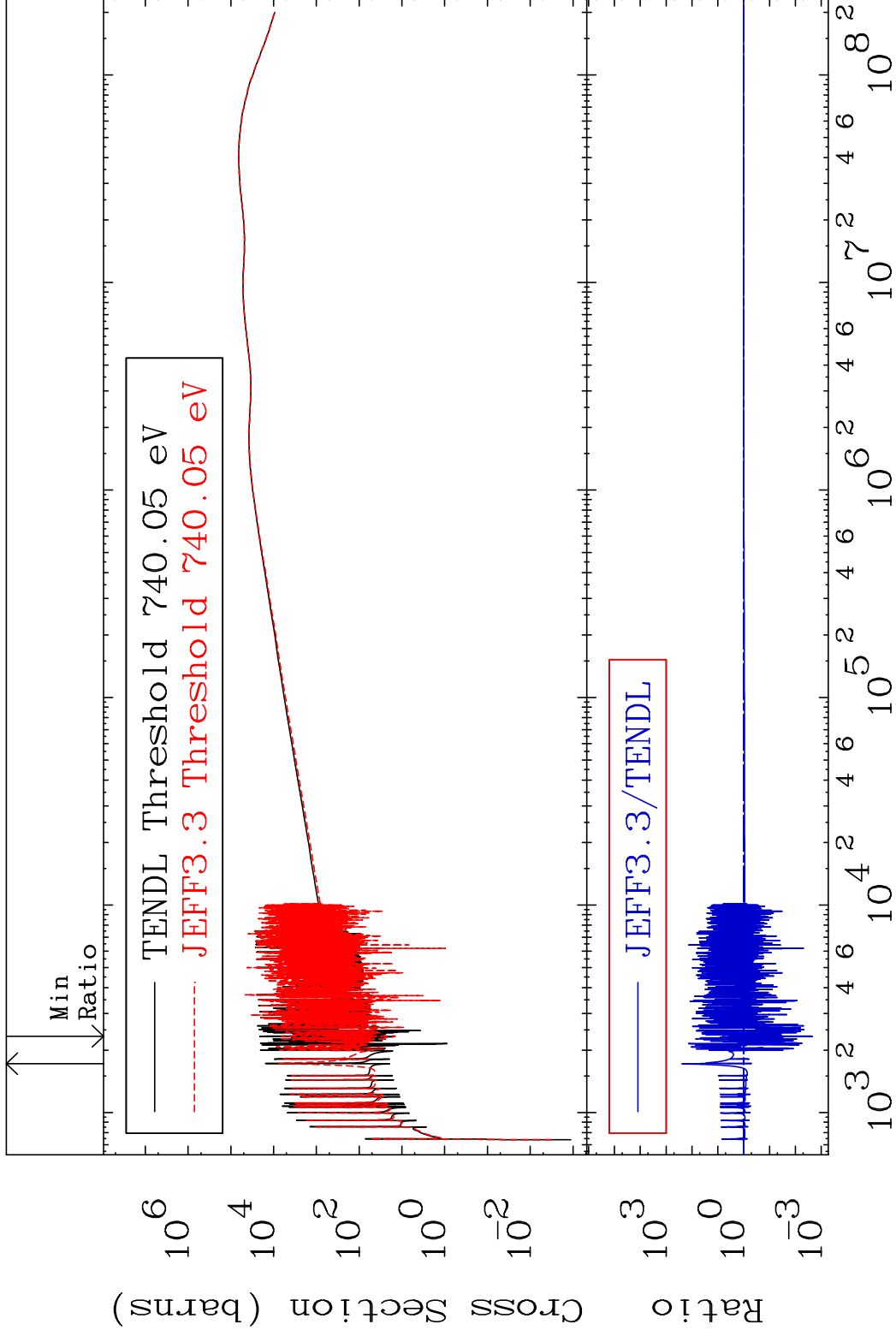
52-Te-123

MAT 5234

Dpa elastic (mt2)

52-Te-123

Cross Section -99.78 To 9999. %

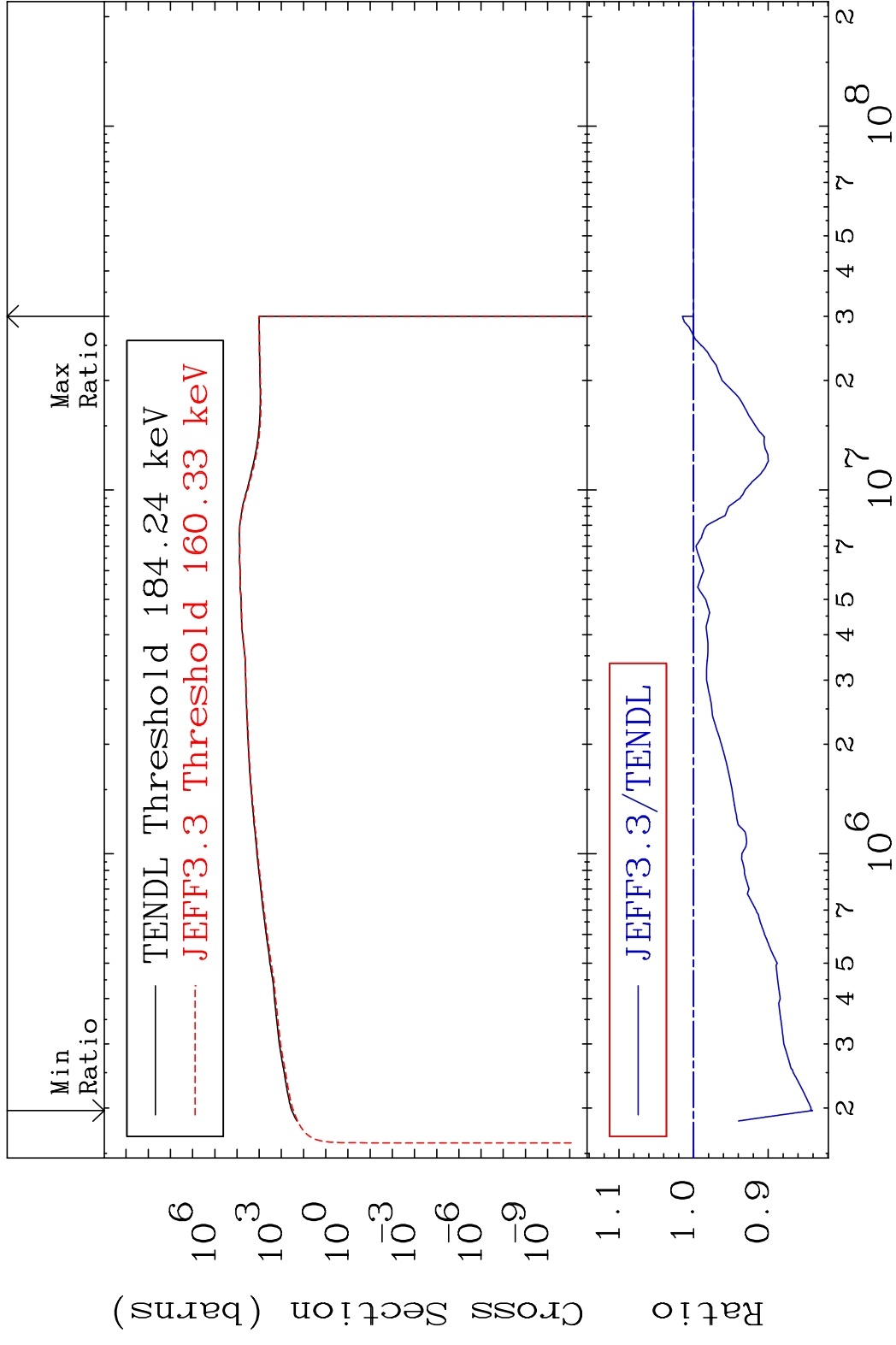


76

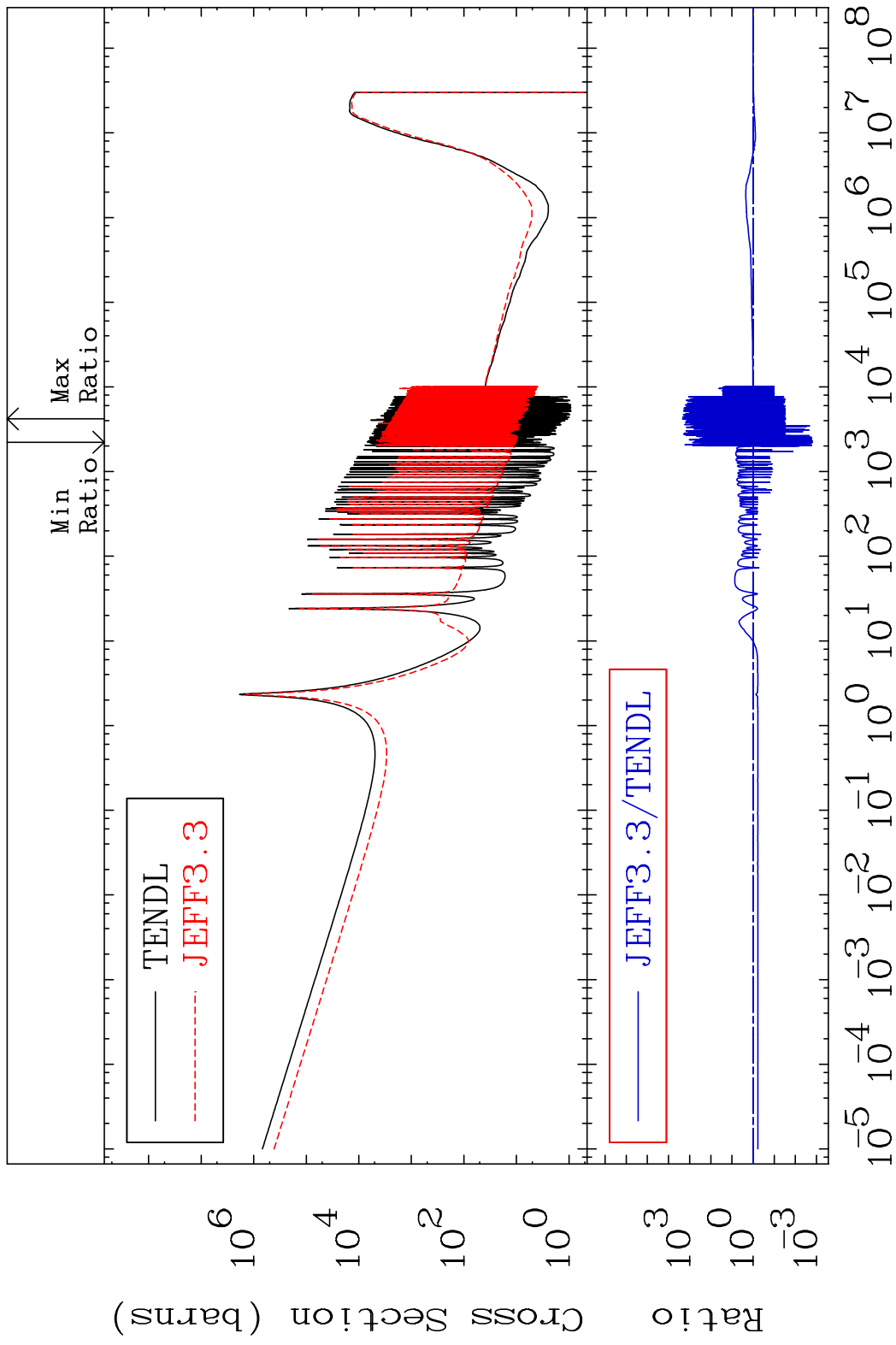
Incident Energy (eV)

52-Te-123

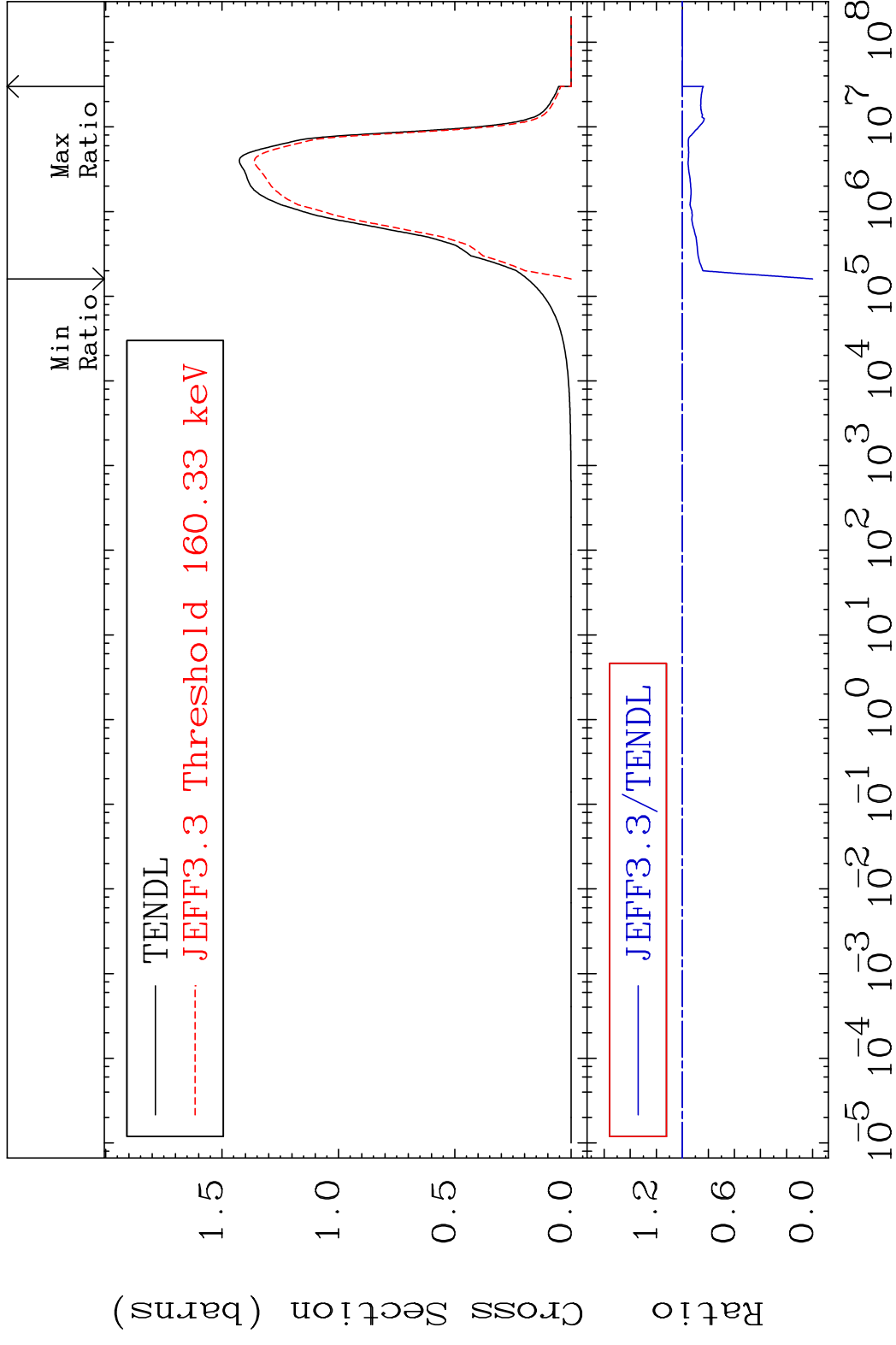
MAT 5234 Dpa inelastic (mt51-91) 52-Te-123
 Cross Section -15.94 To 1.507 %



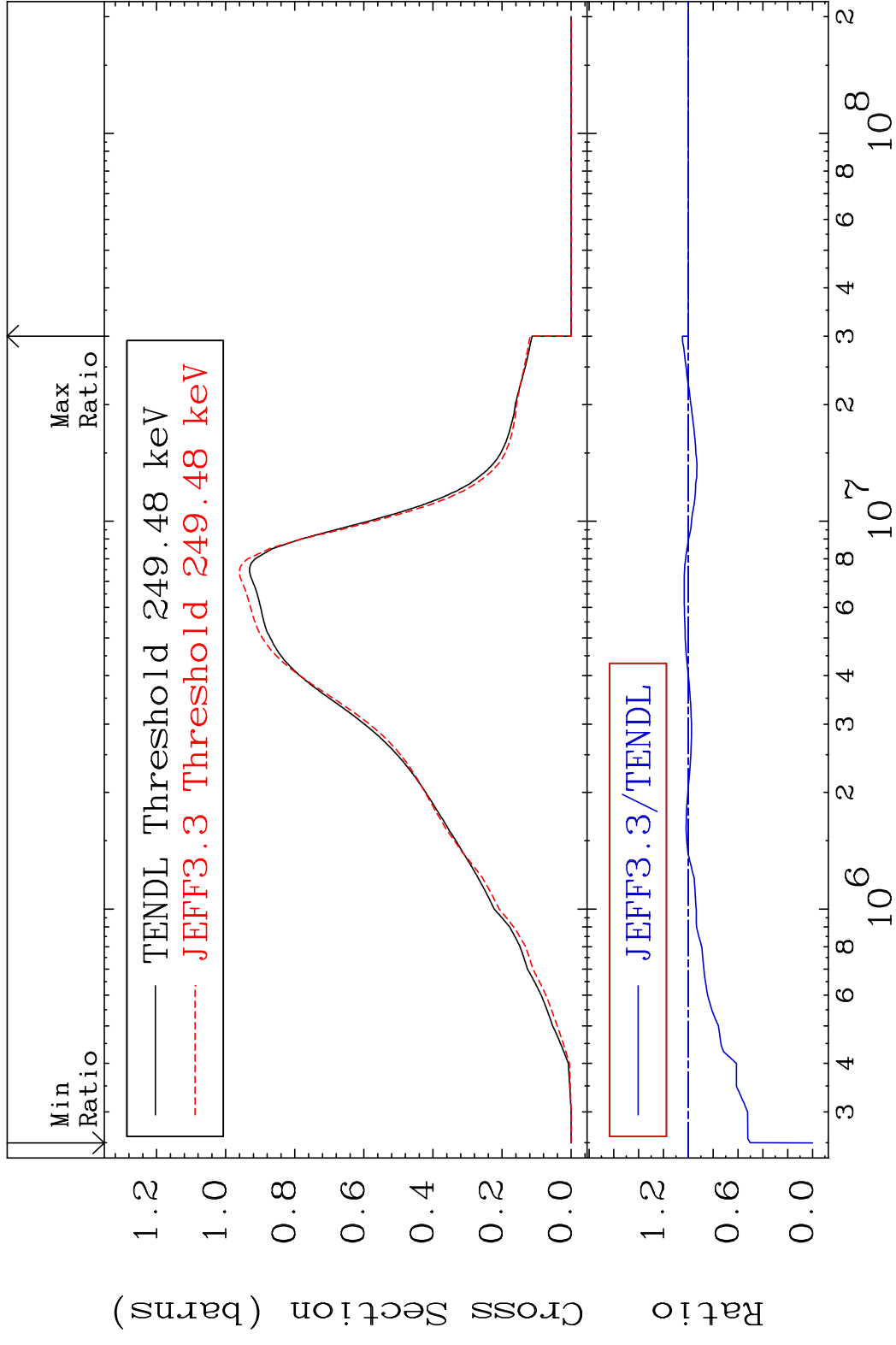
MAT 5234 Dpa disappearance (mt102 -120) 52-Te-123
 Cross Section -99.85 To 9999. %



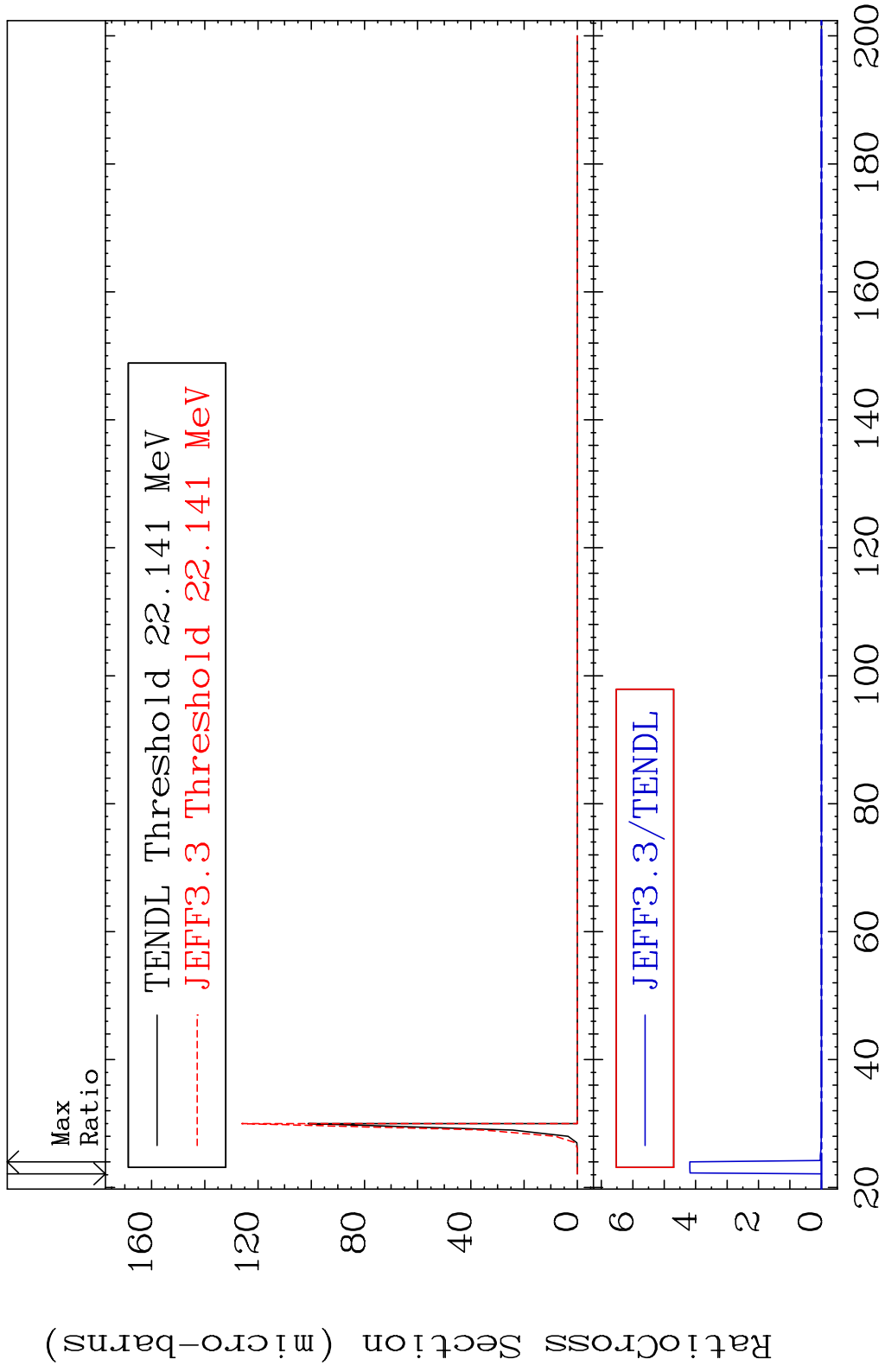
MAT 5234 Inelastic:52-Te-123g 52-Te-123
 Radionuclide Production Cross Section 180.01 dth 0.000 %



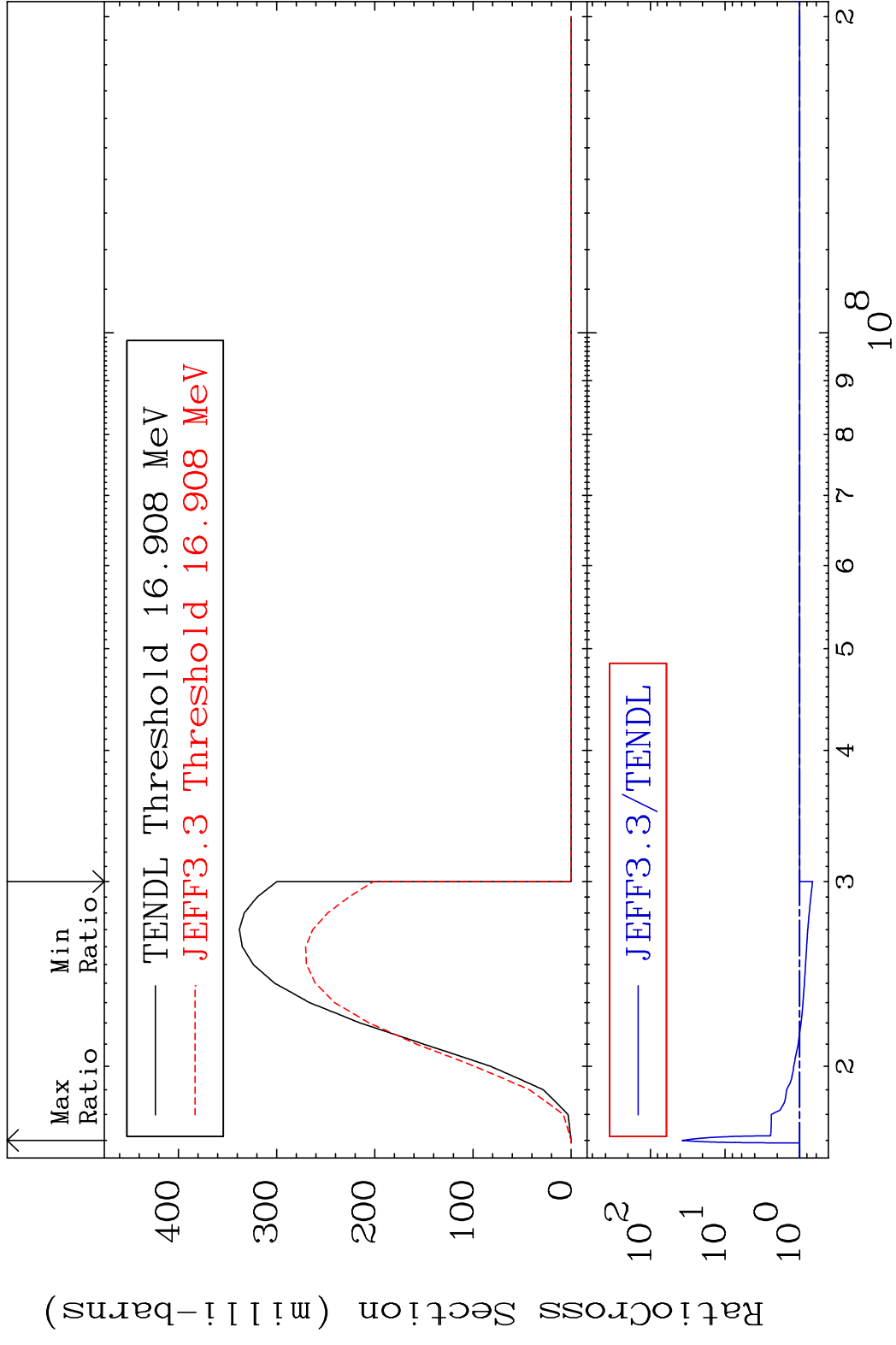
MAT 5234 Inelastic:52-Te-123m2 52-Te-123
 Radionuclide Production Cross Section Ratio 4.842 %



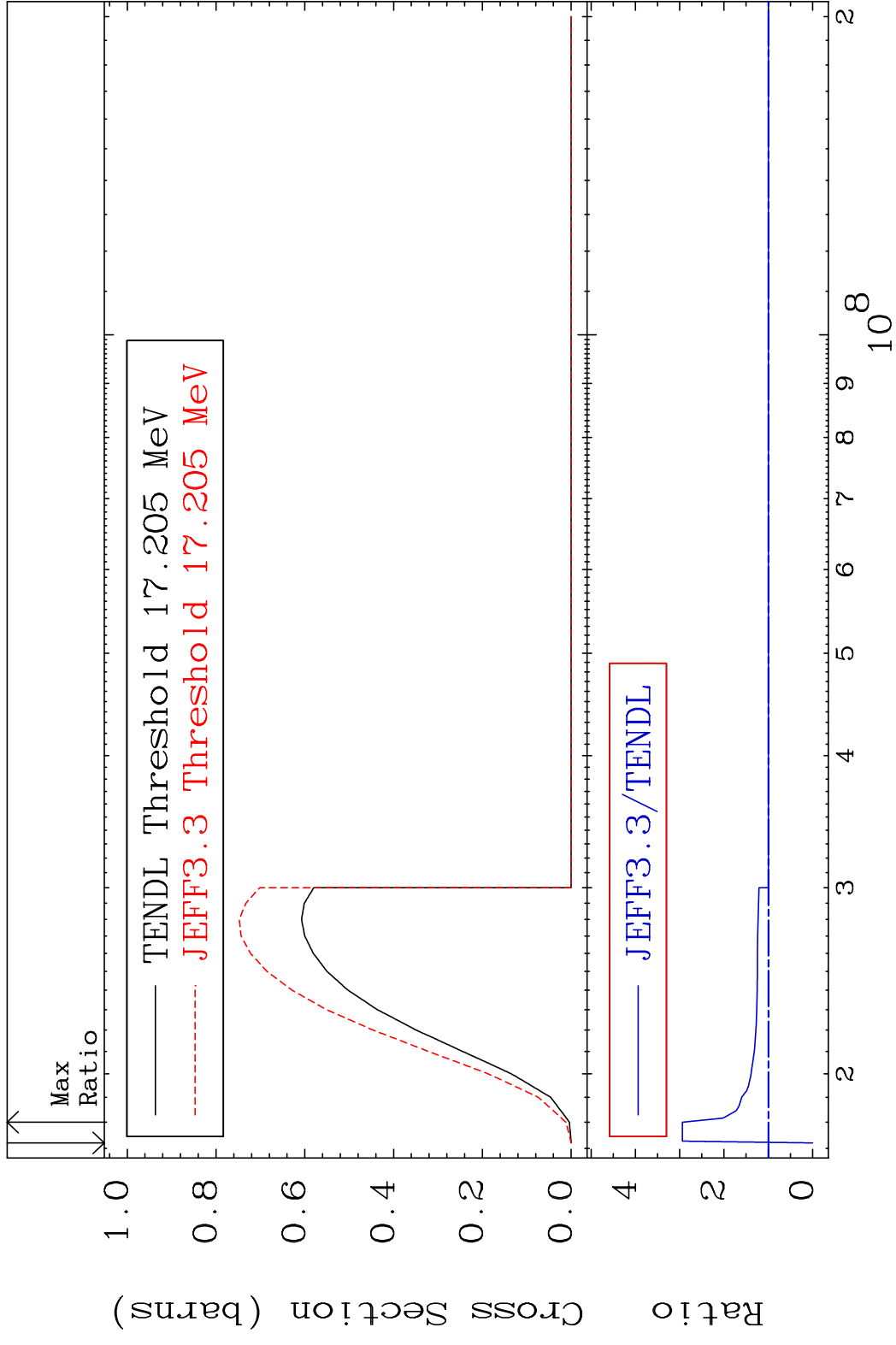
MAT 5234 (n,2n) d:51-Sb-120g 52-Te-123
 Radionuclide Production Cross Section Ratio 9999. %

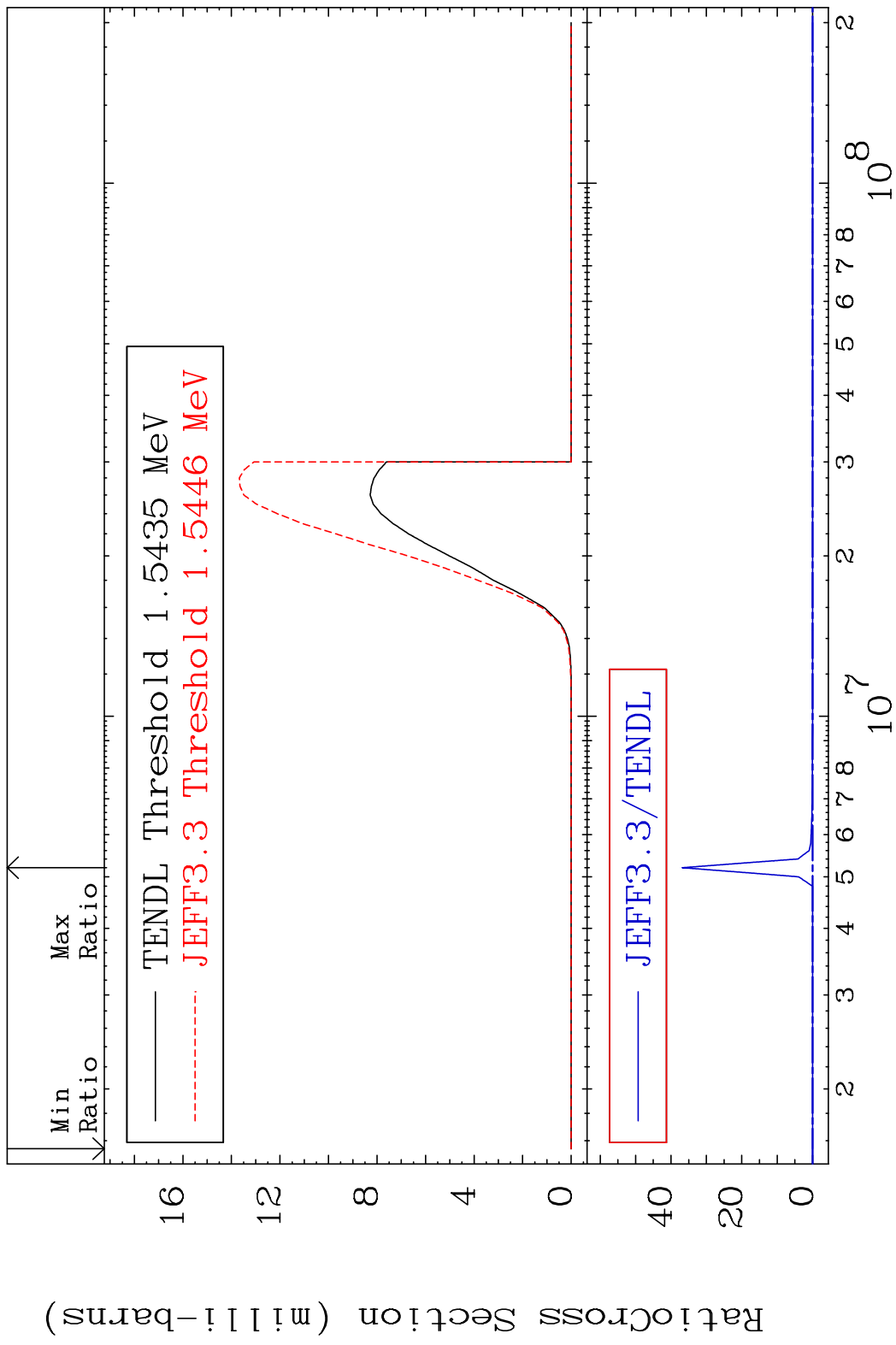


MAT 5234 (n,3n):52-Te-121g 52-Te-123
 Radionuclide Production Cross Section 32.62 dth 3630. %

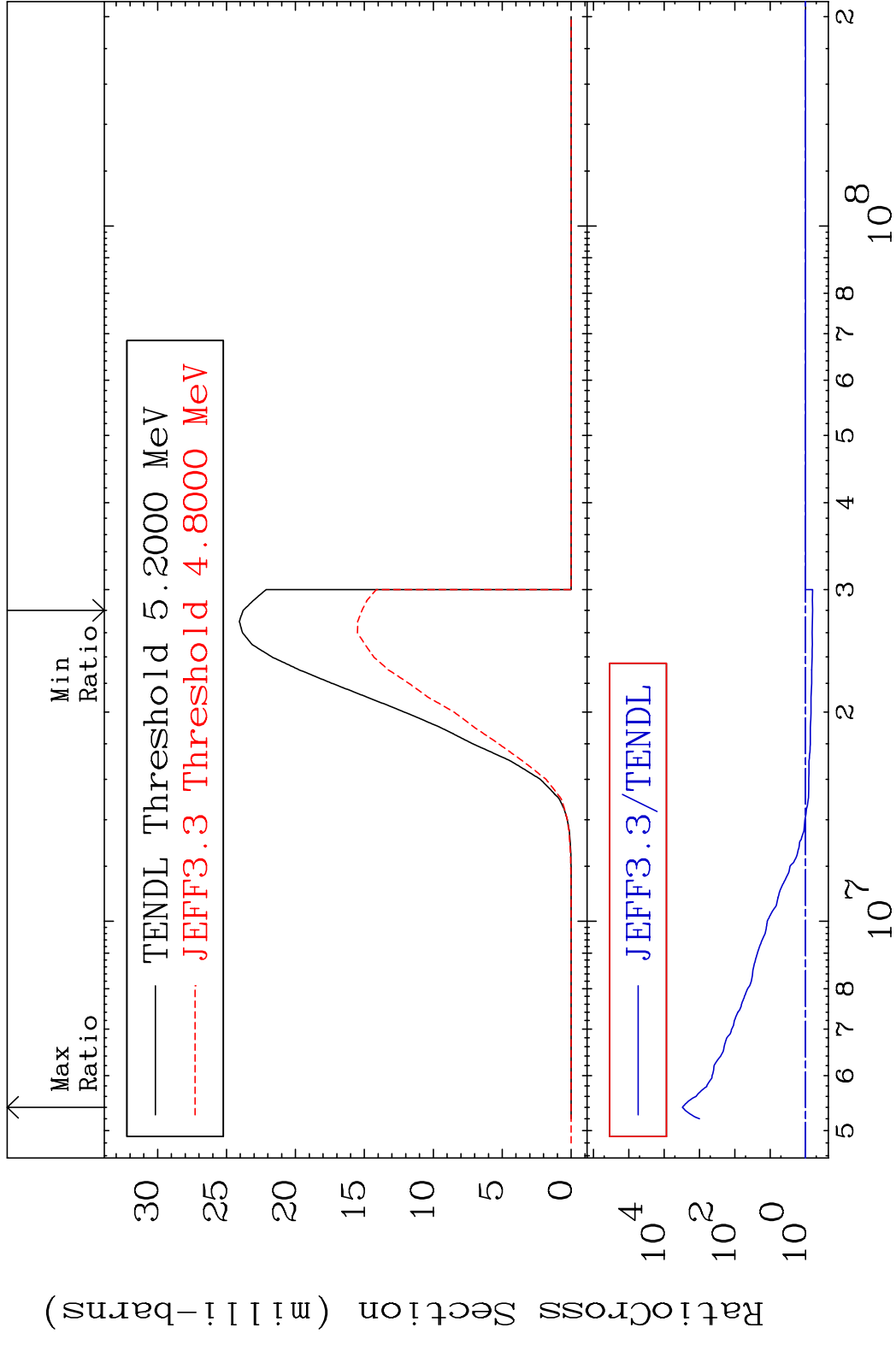


MAT 5234 (n, 3n):52-Te-121m2 52-Te-123
 Radionuclide Production Cross Section 193.9 %

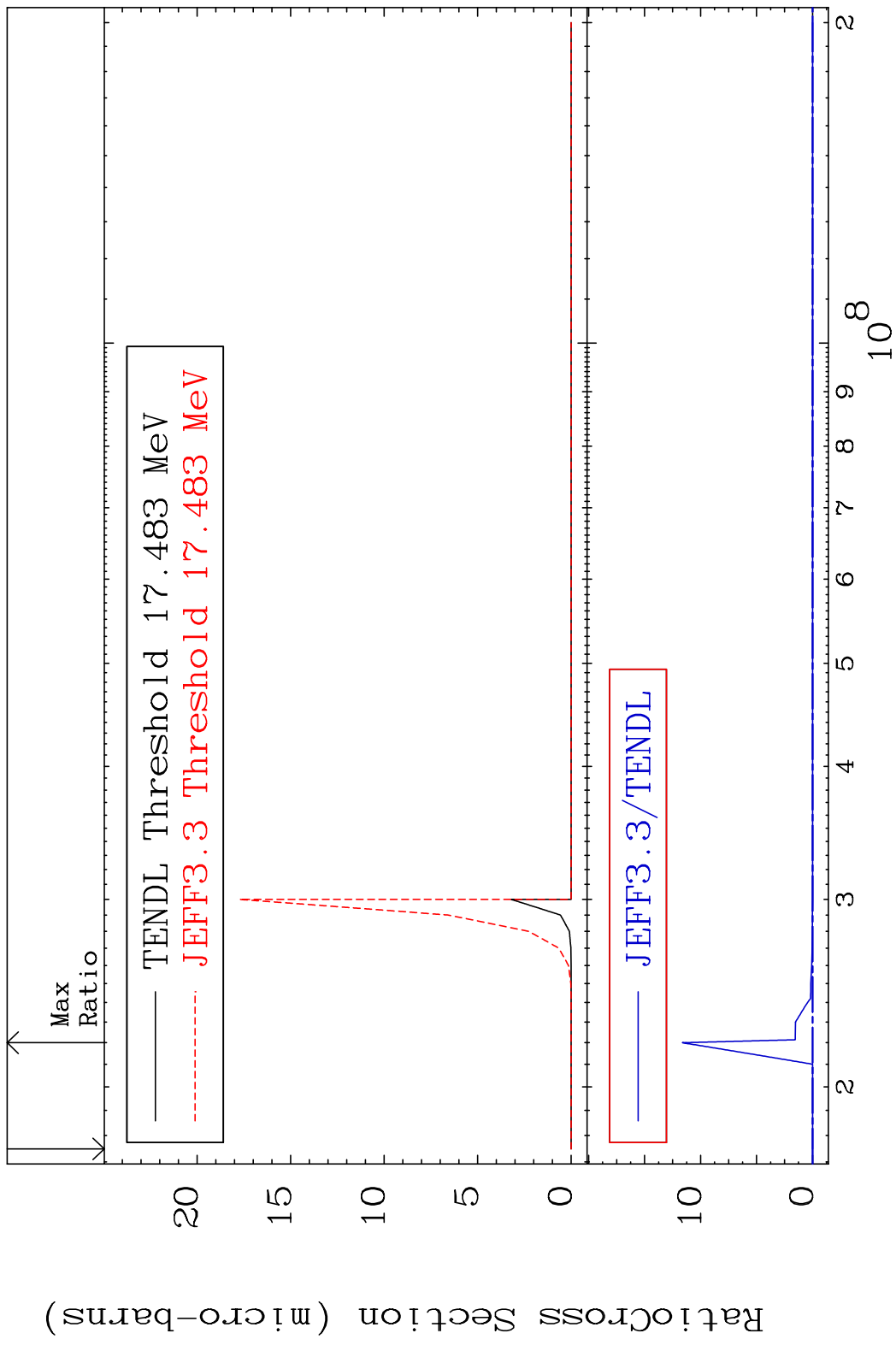




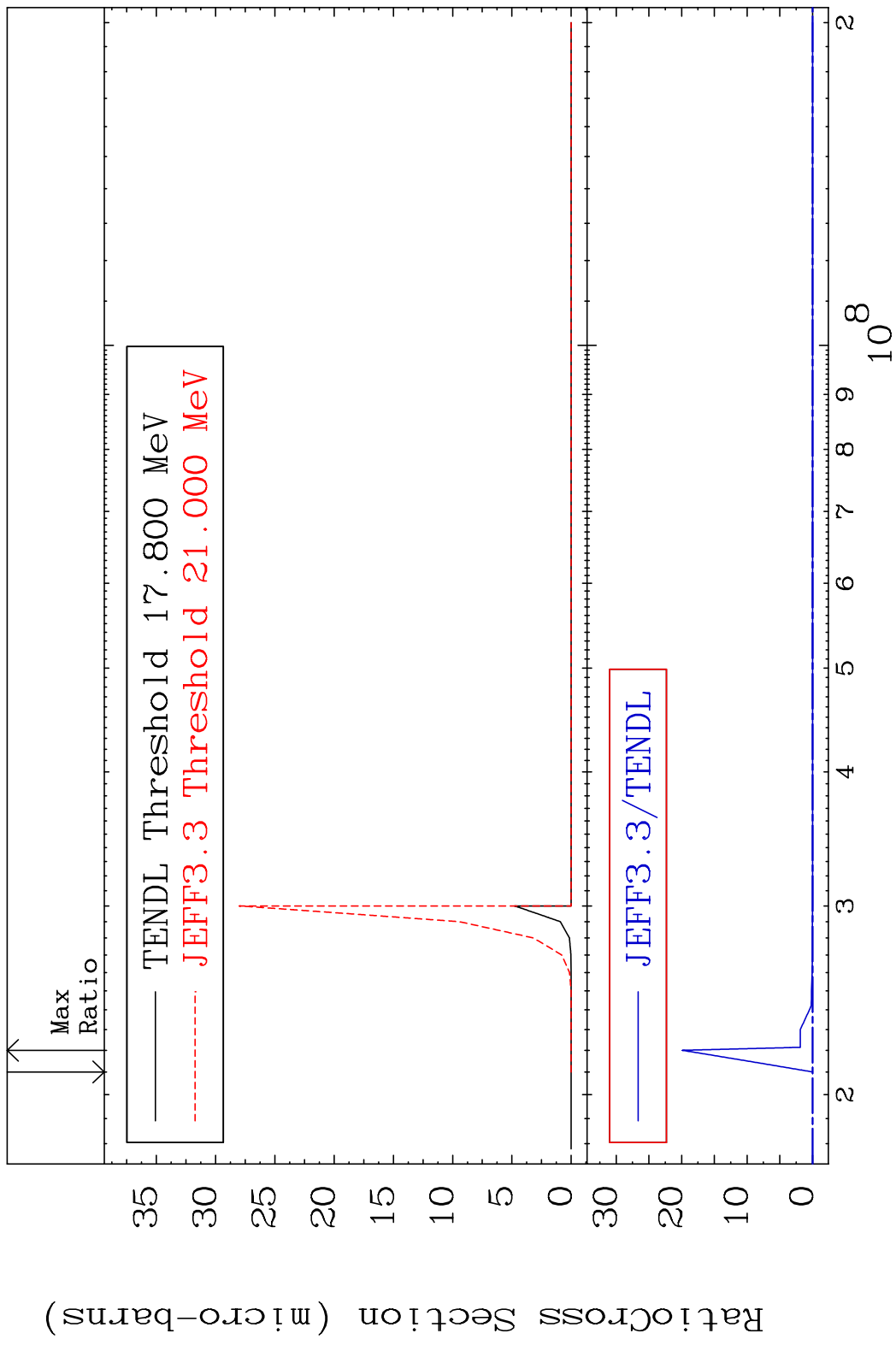
MAT 5234 (n, n') α :50-Sn-119m2 52-Te-123
 Radionuclide Production Cross Section 36.221 dth 9999. %



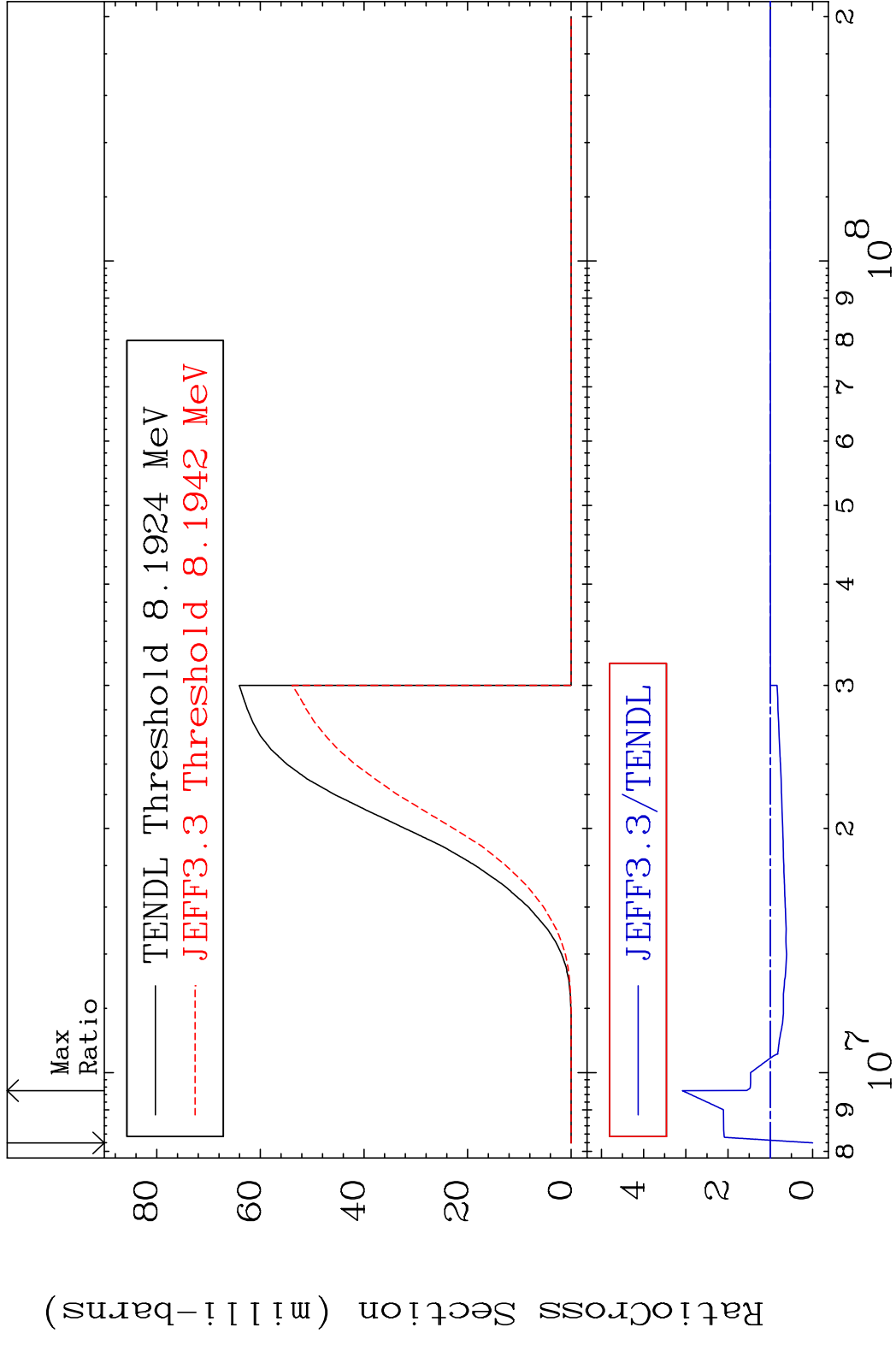
MAT 5234 (n,3n) α :50-Sn-117g 52-Te-123
 Radionuclide Production Cross Section 180.01 dth 9999. %



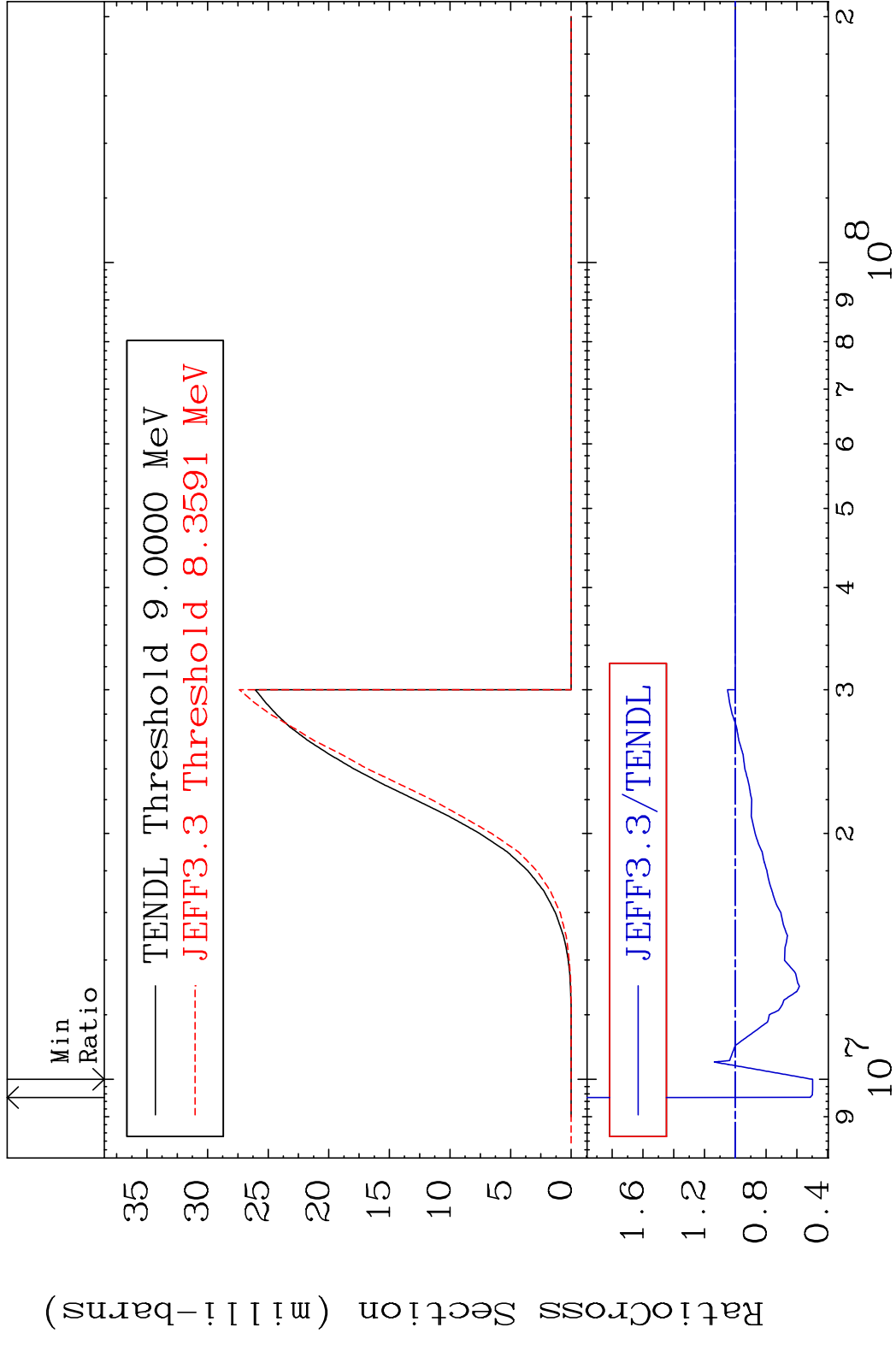
MAT 5234 (n,3n) α :50-Sn-117m2 52-Te-123
 Radionuclide Production Cross Section Ratio 9999. %



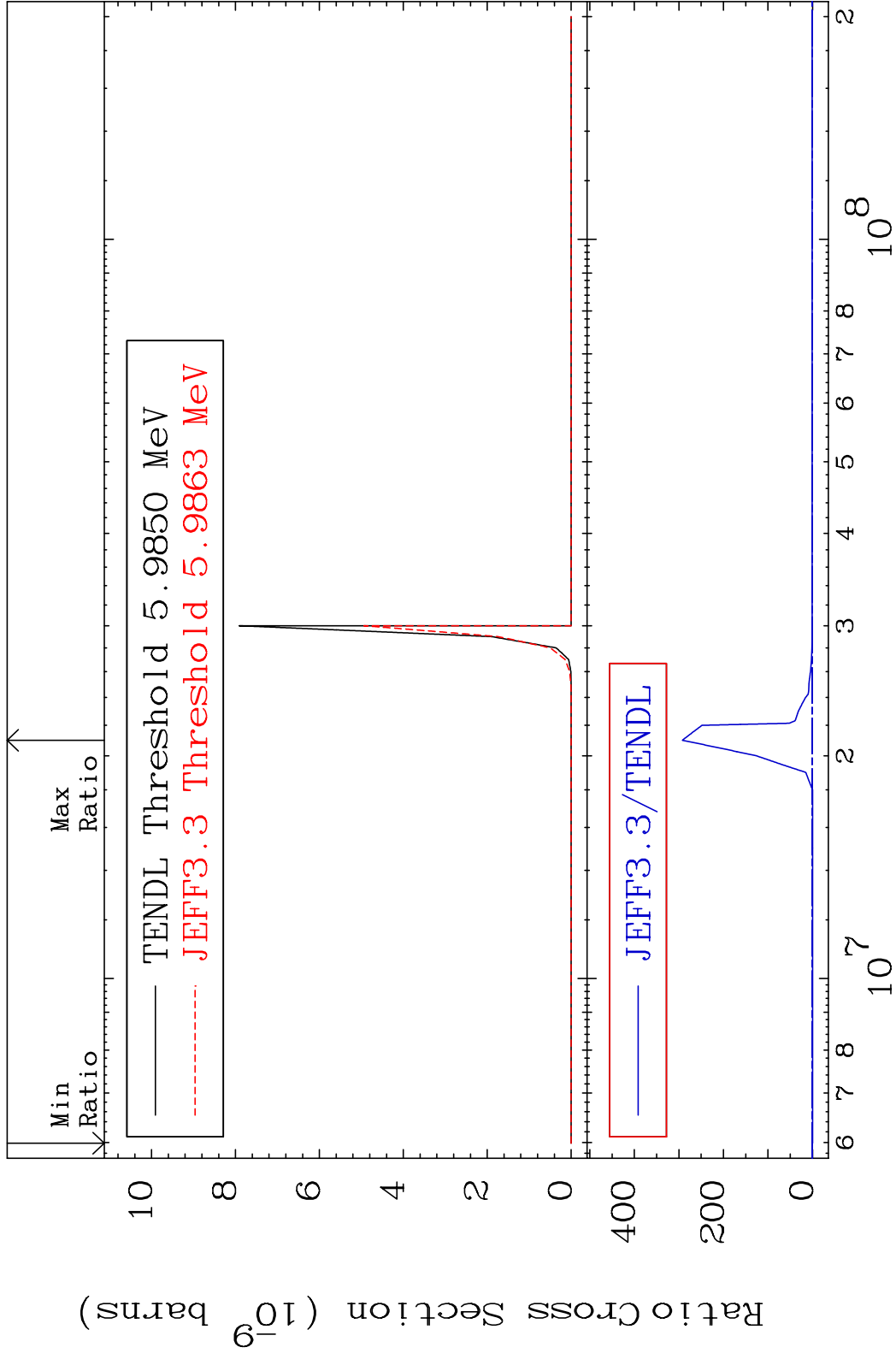
MAT 5234 (n, n') p:51-Sb-122g 52-Te-123
 Radionuclide Production Cross Section 180.0 dth 208.2 %



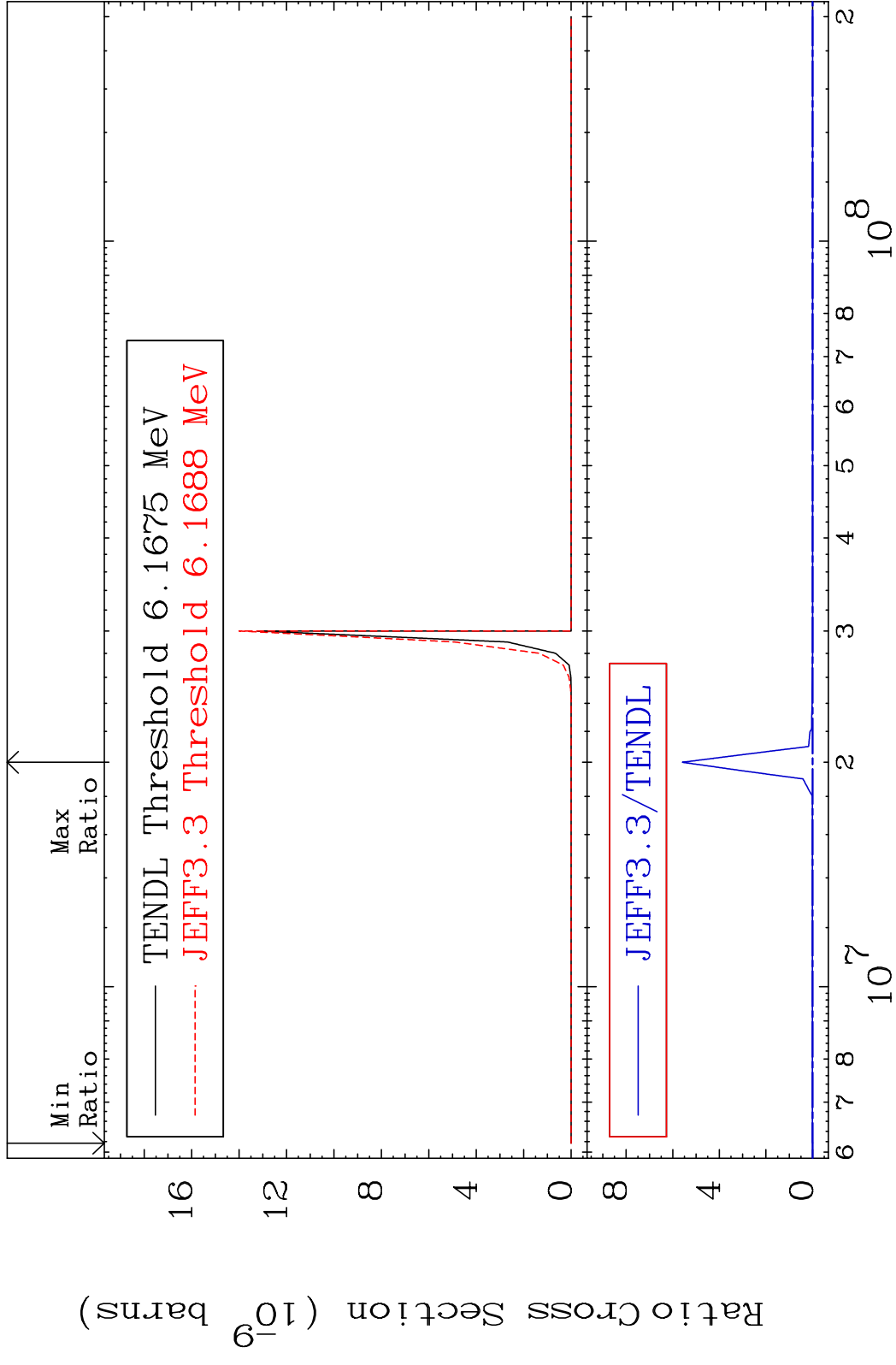
MAT 5234 (n, n') p:51-Sb-122m5 52-Te-123
 Radionuclide Production Cross Section to 34.42 %



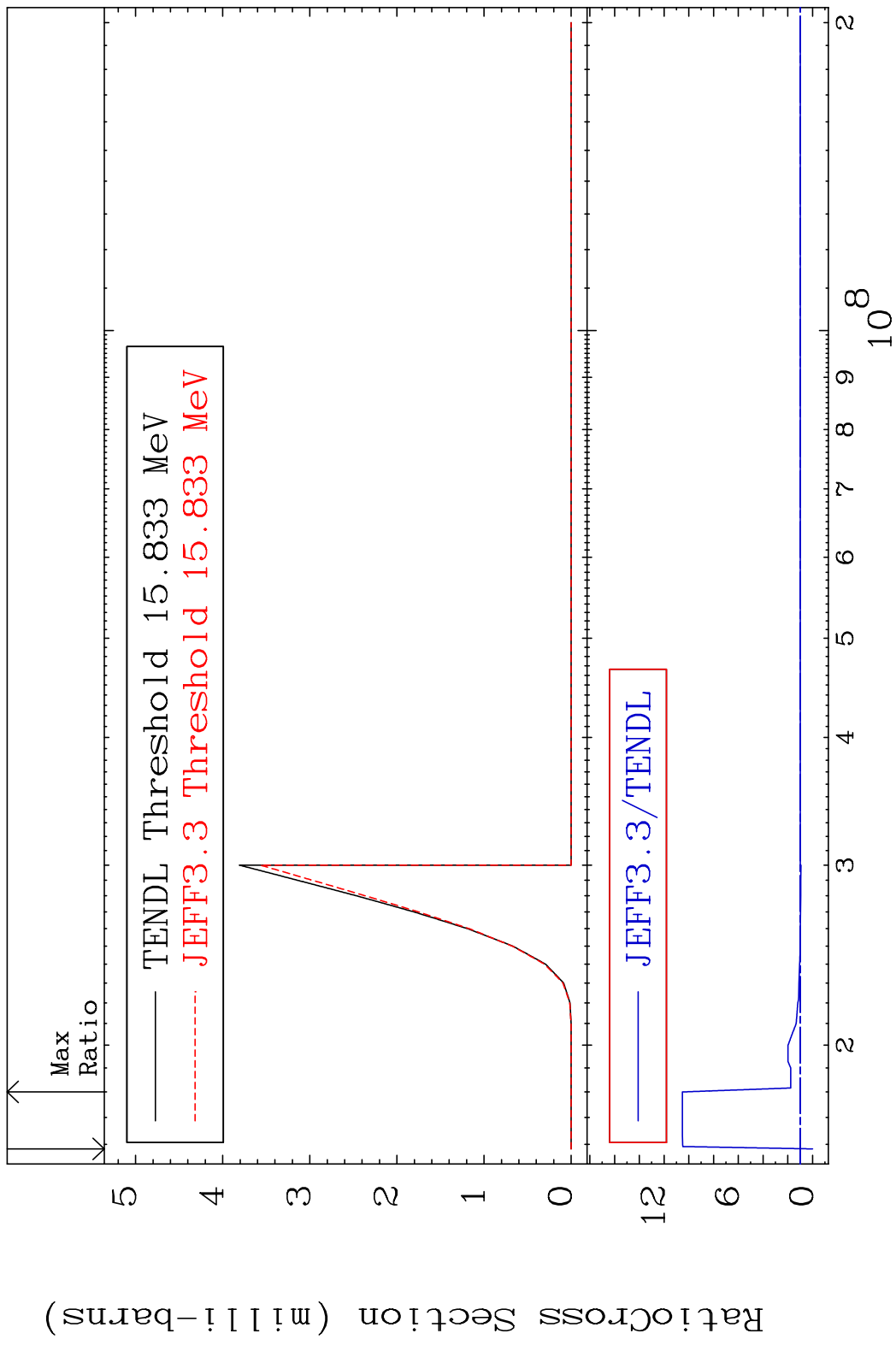
MAT 5234 (n, n') 2α:48-Cd-115g 52-Te-123
 Radionuclide Production Cross Section to 9999. %



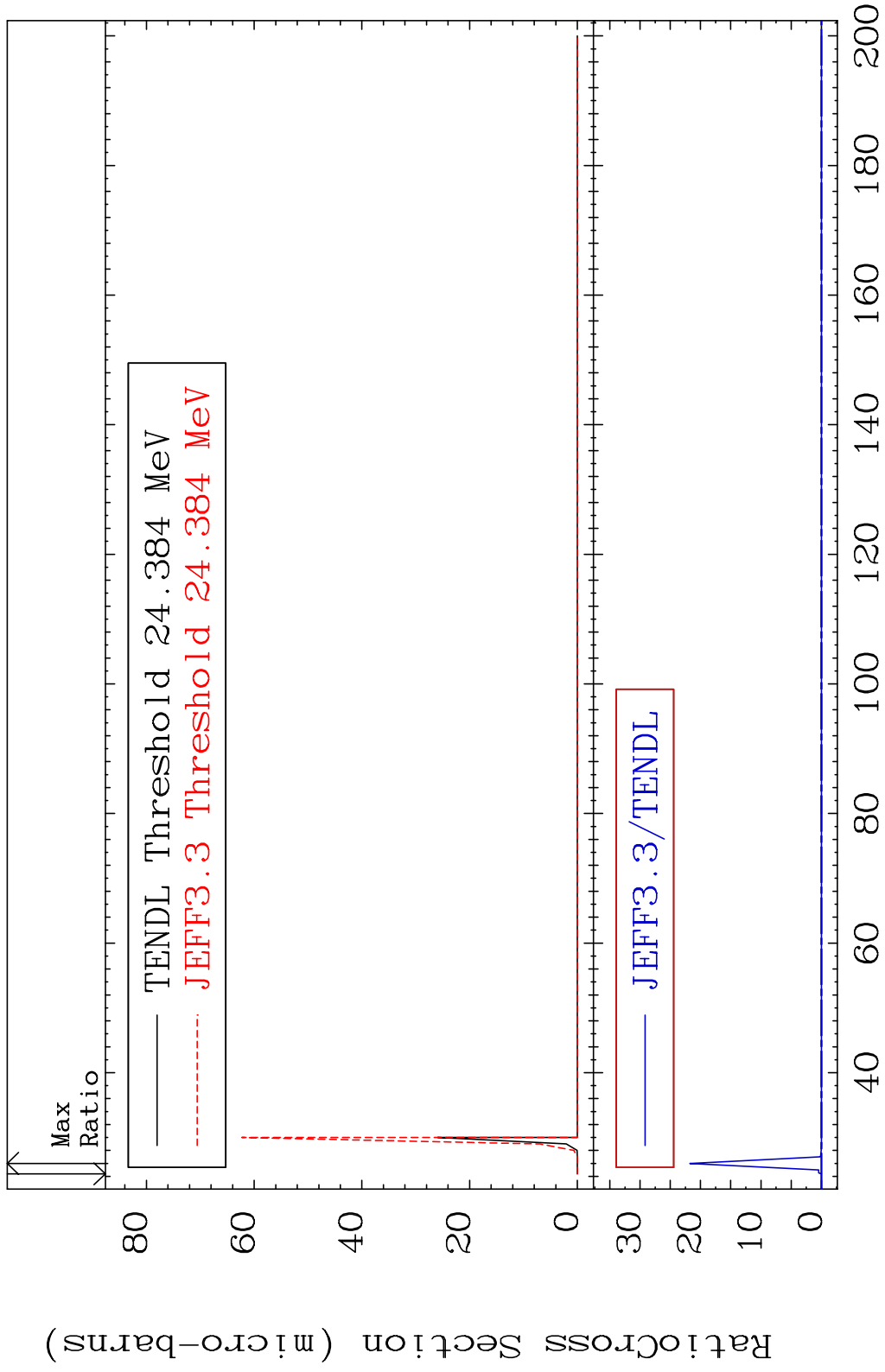
MAT 5234 (n, n') 2α :48-Cd-115m1 52-Te-123
 Radionuclide Production Cross Section to 9999. %



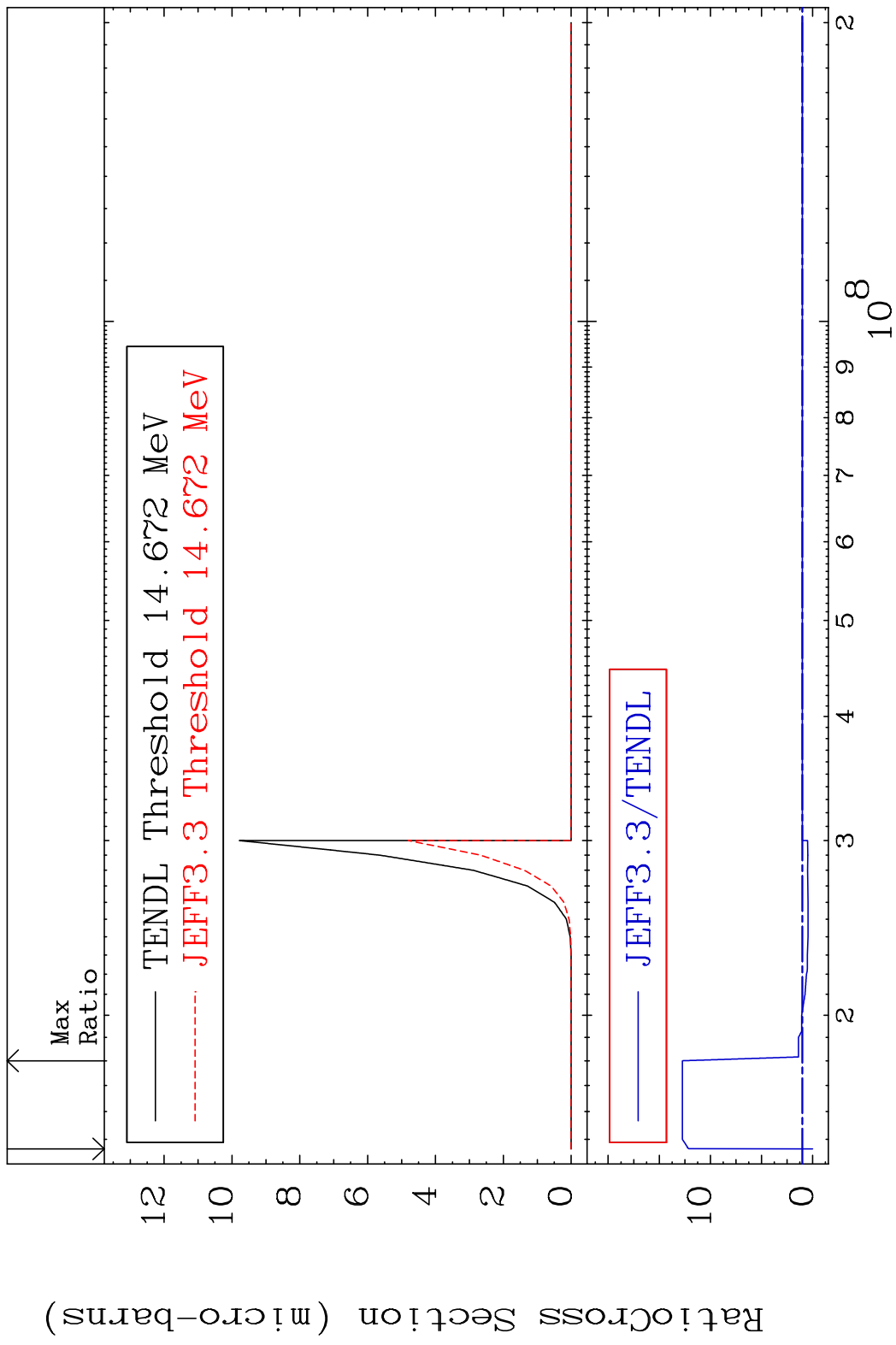
MAT 5234 (n, n') t:51-Sb-120g 52-Te-123
 Radionuclide Production Cross Section 1800 d to 952.3 %



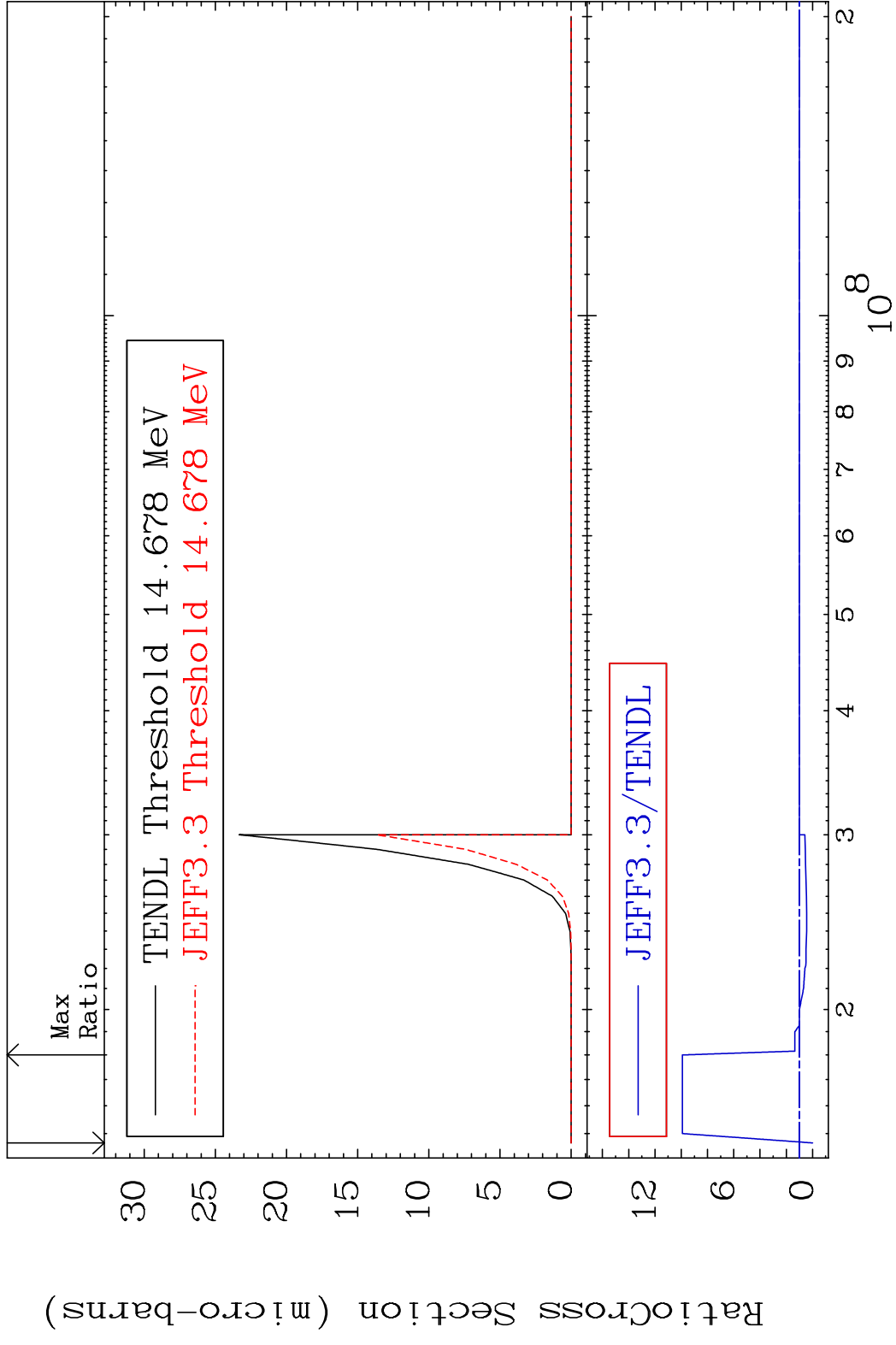
MAT 5234 (n,3n) p:51-Sb-120g 52-Te-123
 Radionuclide Production Cross Section Ratio 9999. %

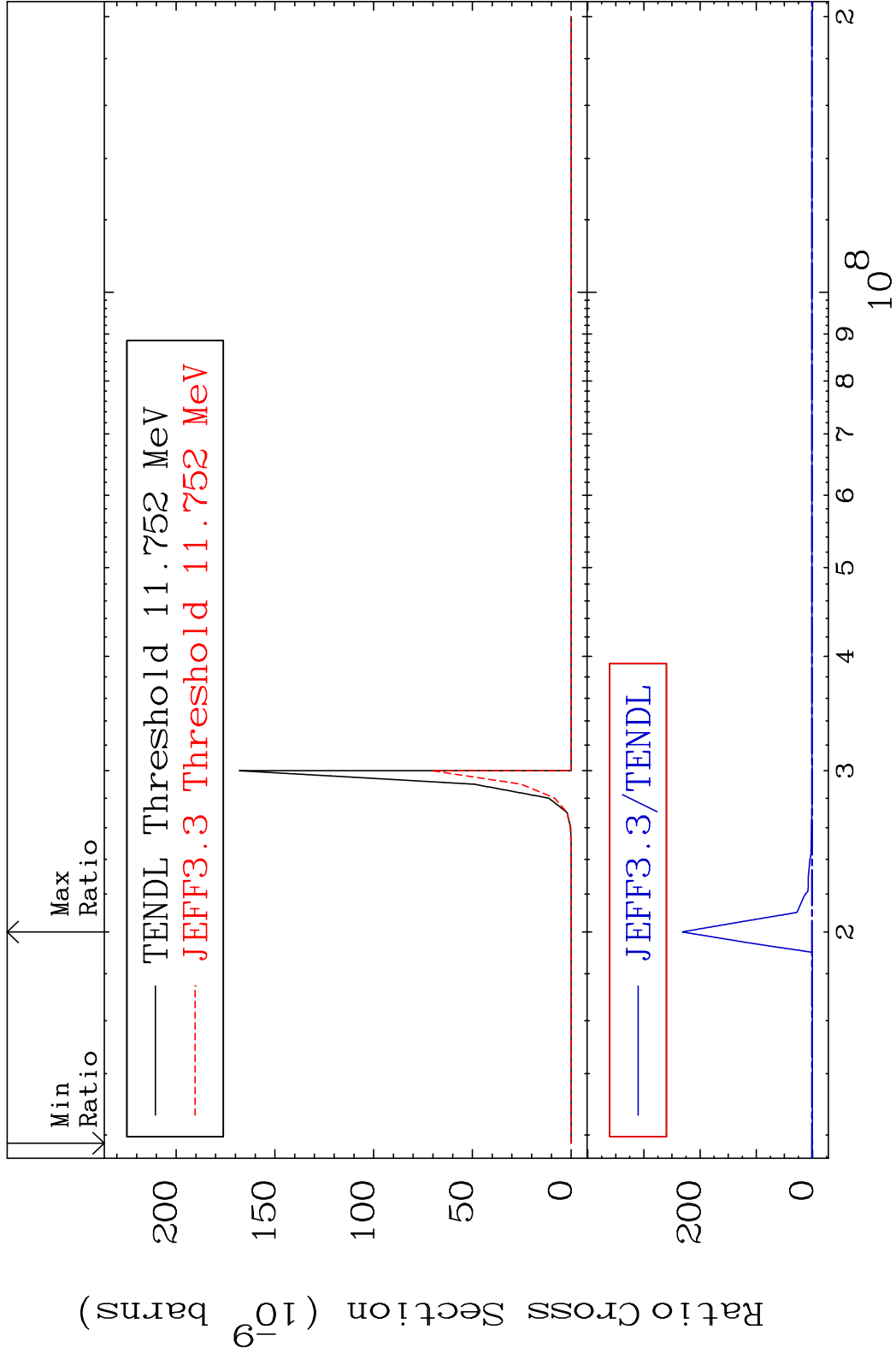


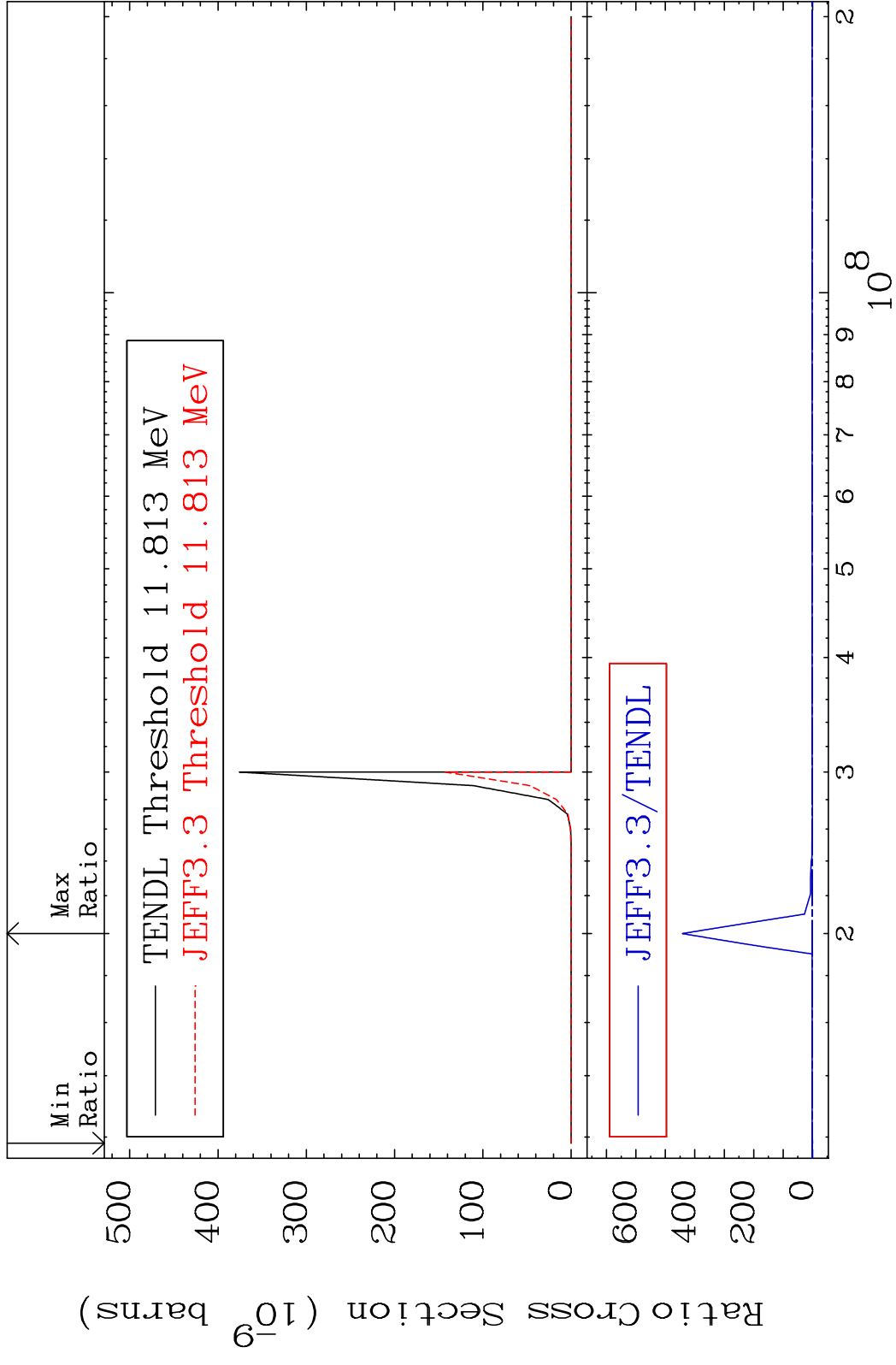
MAT 5234 (n,2n) p:50-Sn-121g 52-Te-123
 Radionuclide Production Cross Section 180.0 dth 1174. %

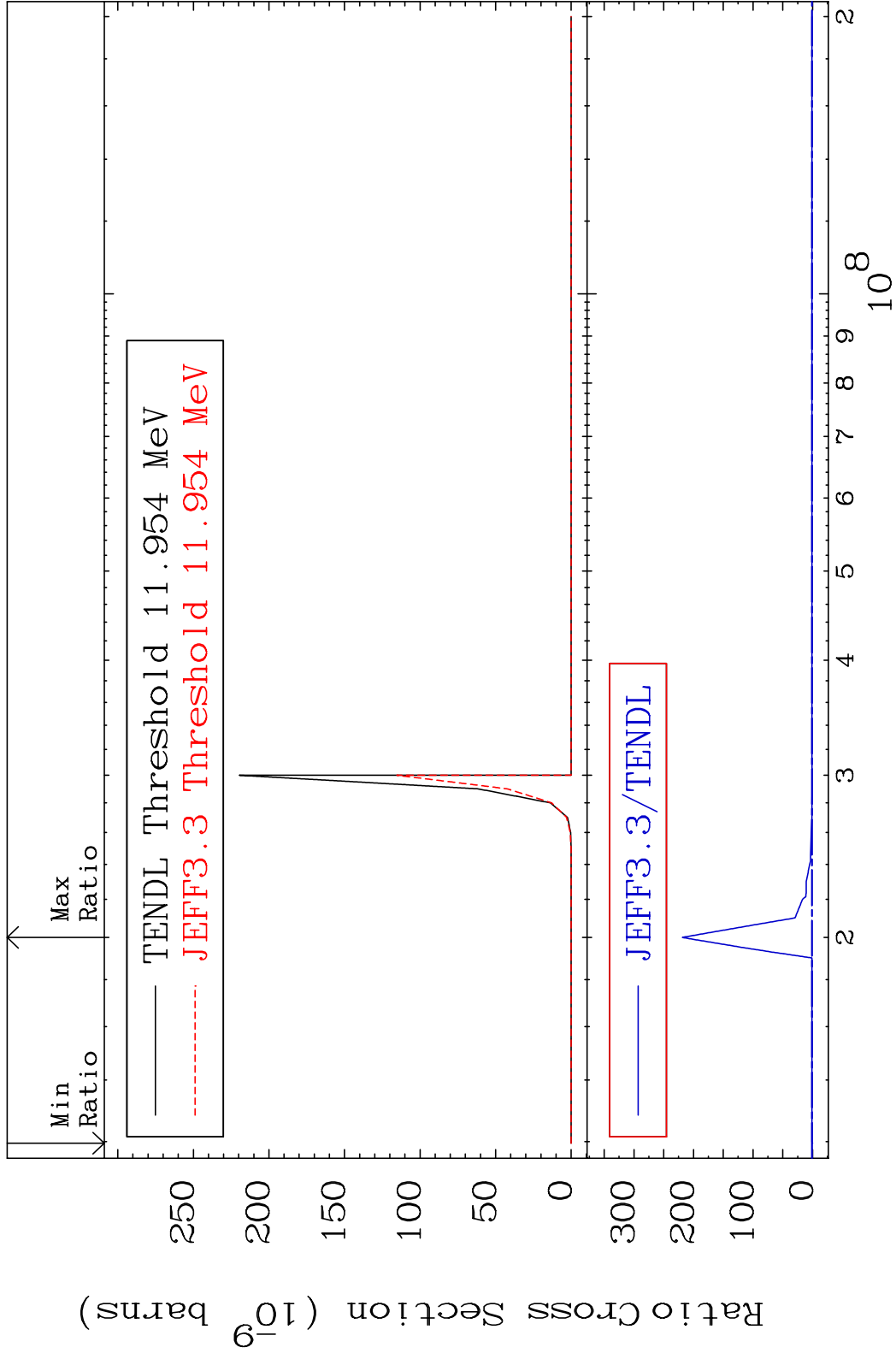


MAT 5234 (n,2n) p:50-Sn-121m1 52-Te-123
 Radionuclide Production Cross Section 180.01 dth 891.5 %

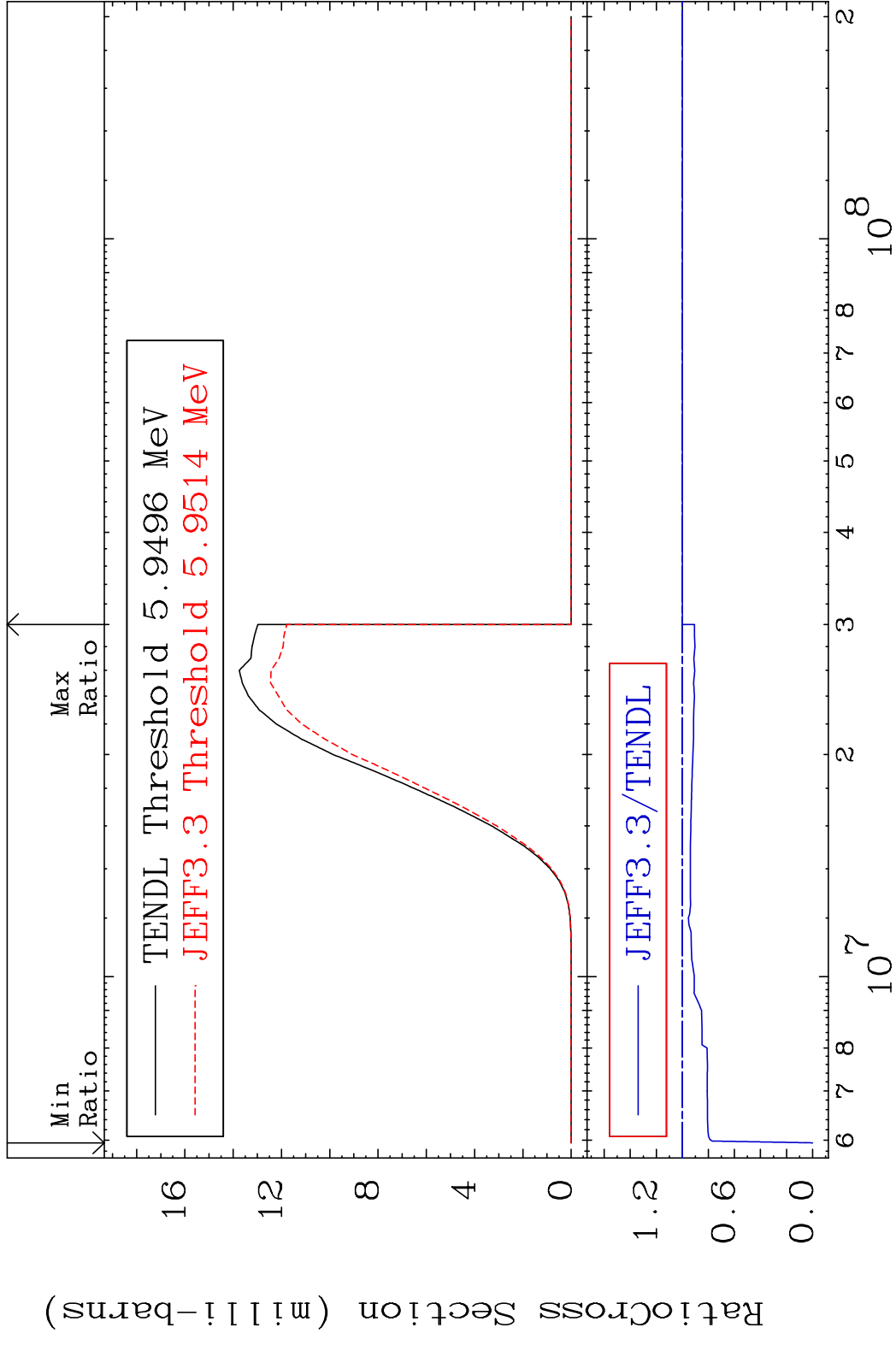




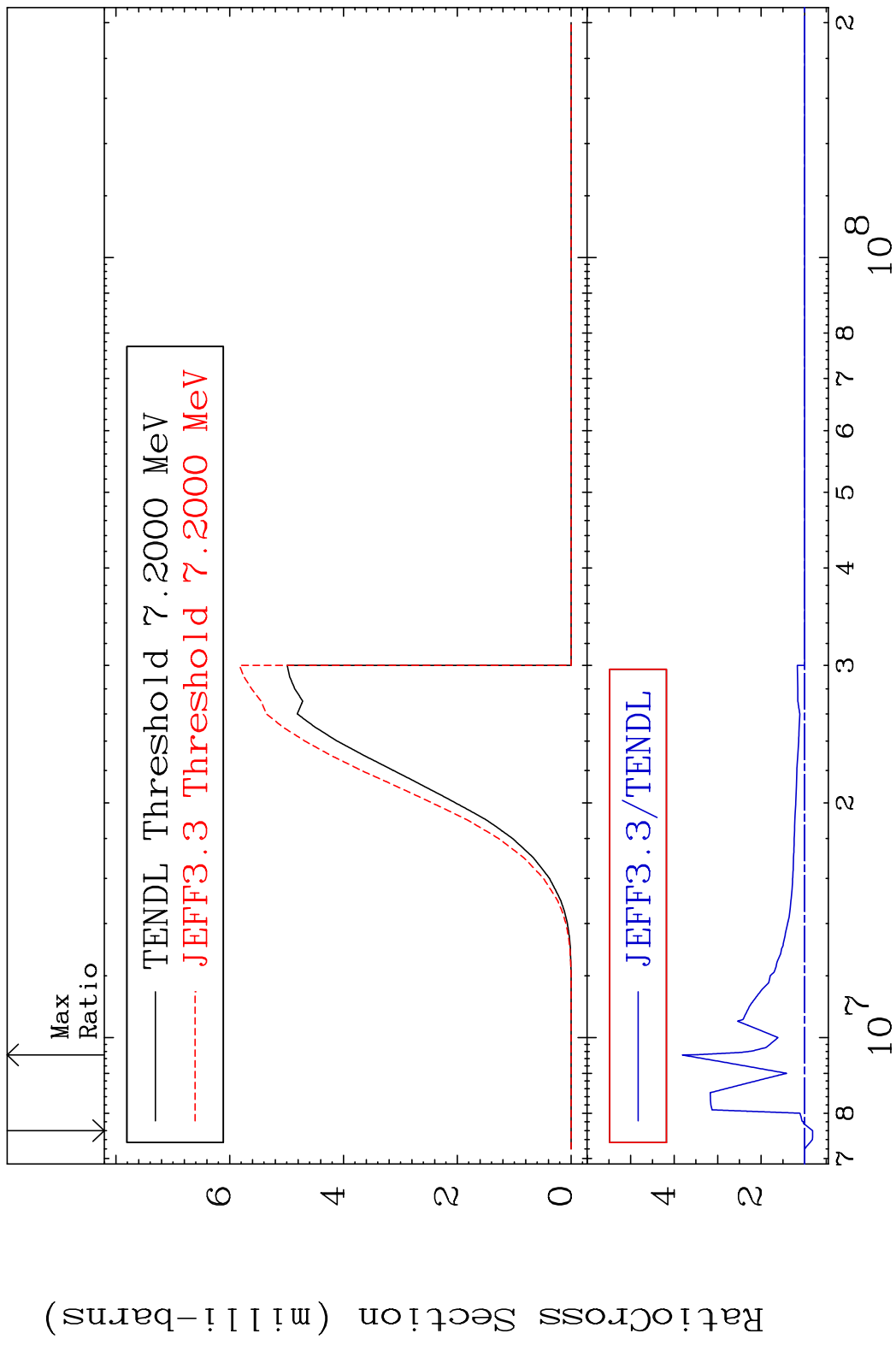




MAT 5234 (n, d):51-Sb-122g 52-Te-123
 Radionuclide Production Cross Section 180.01 dth 0.000 %

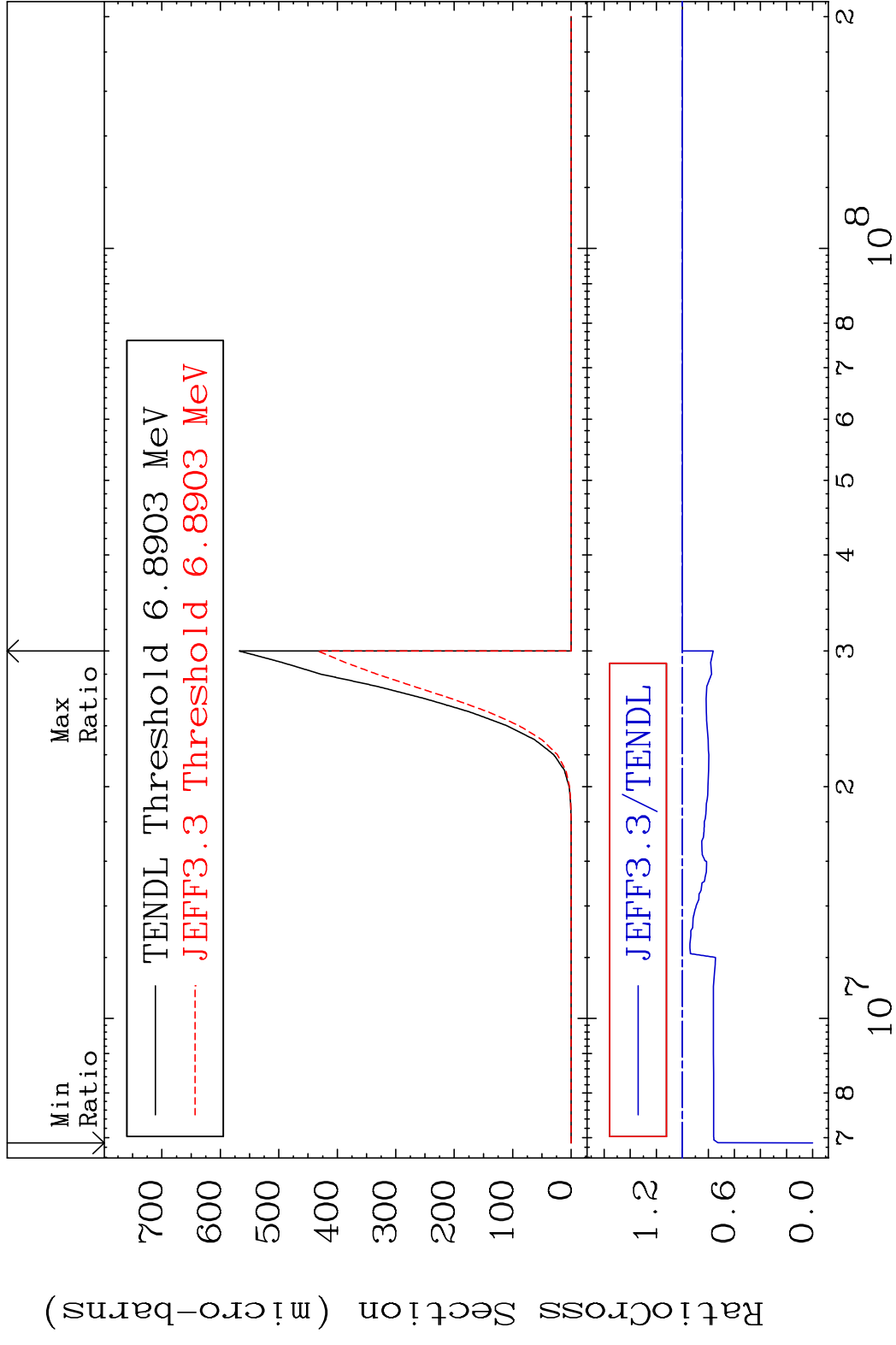


MAT 5234 (n, d):51-Sb-122m5 52-Te-123
 Radionuclide Production Cross Section 18e-28 barns 281.2 %

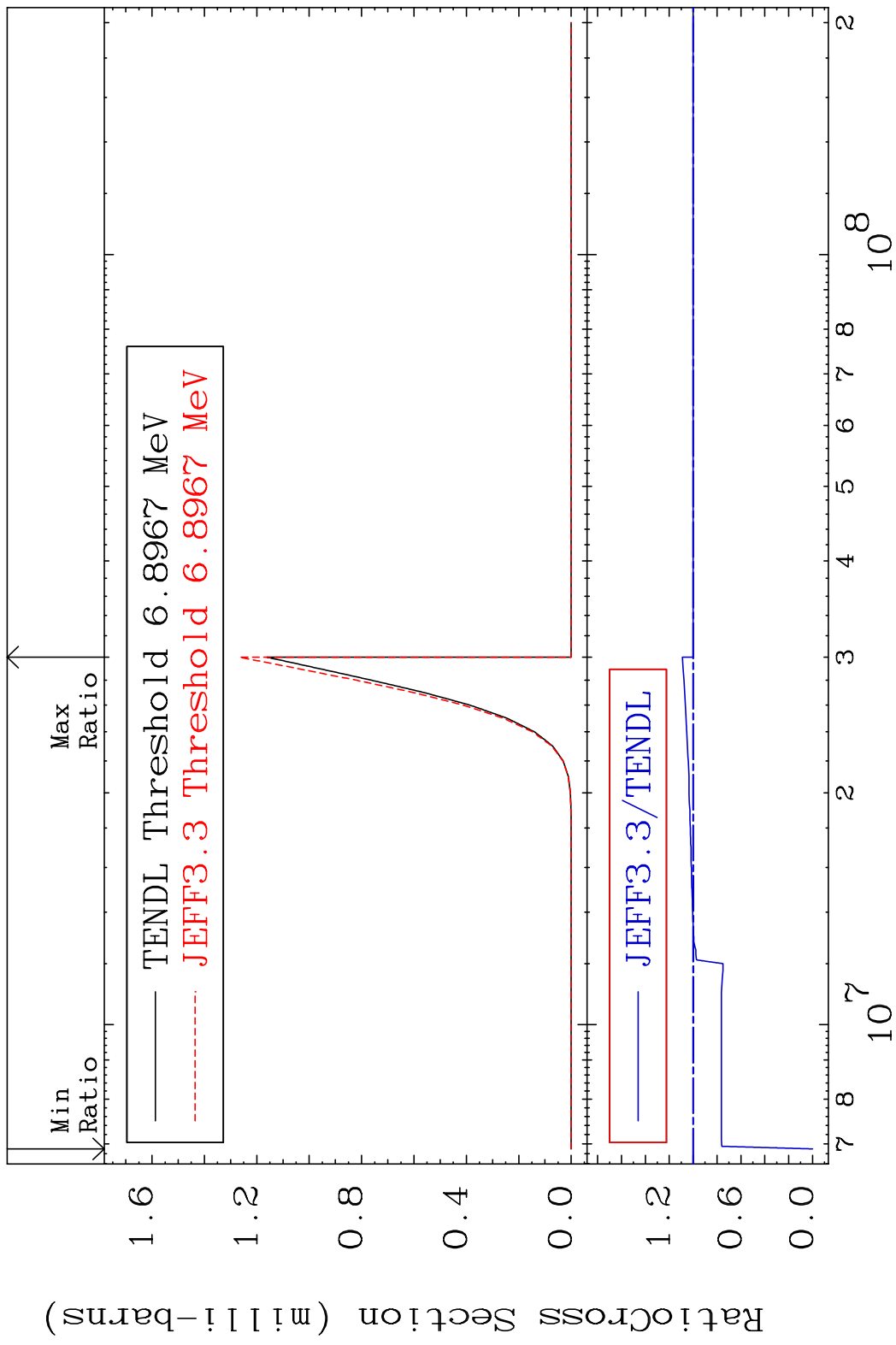


100 Incident Energy (eV) 52-Te-123

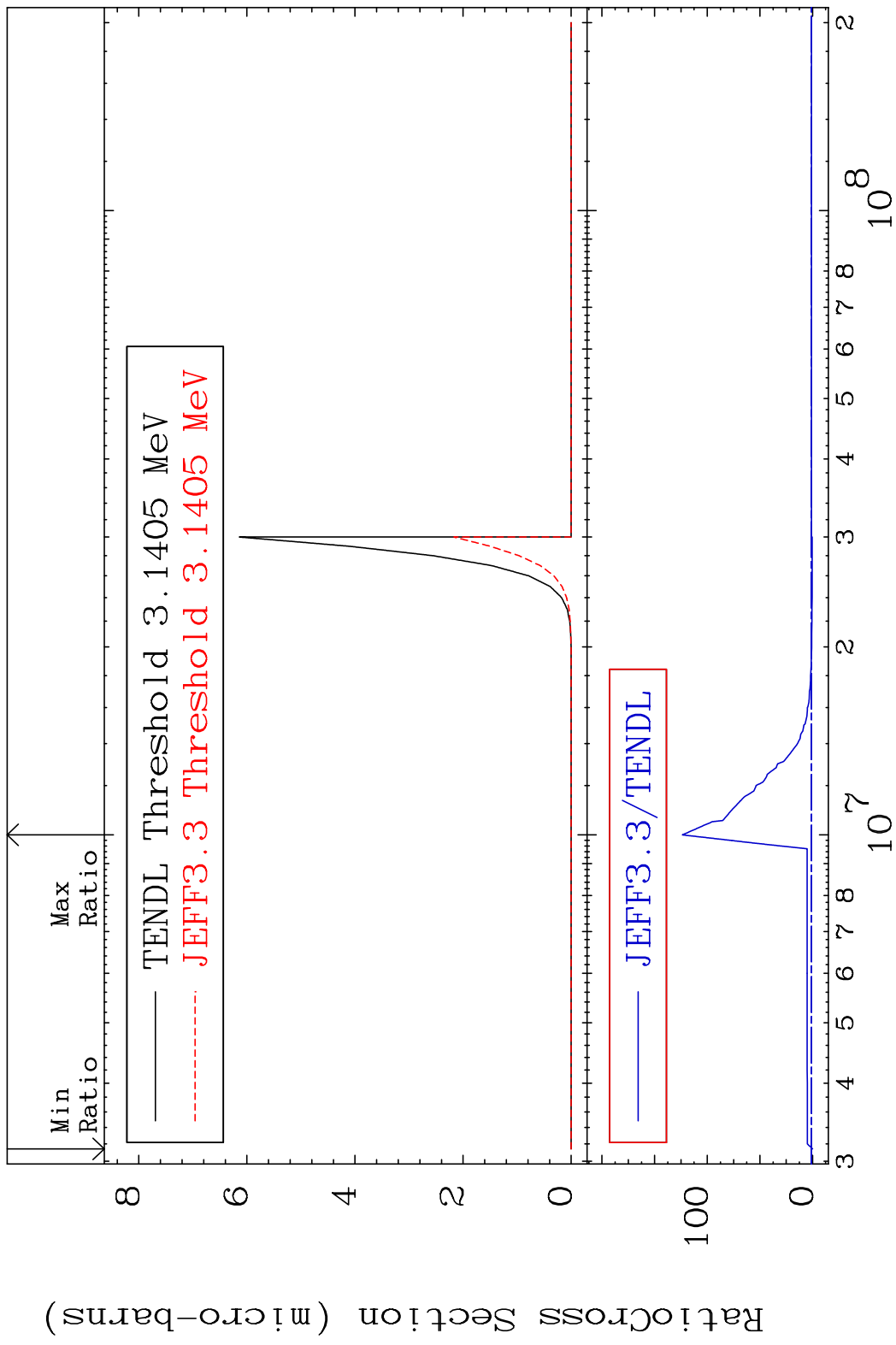
MAT 5234 (n, He-3):50-Sn-121g 52-Te-123
 Radionuclide Production Cross Section 180.01 dtd 0.000 %

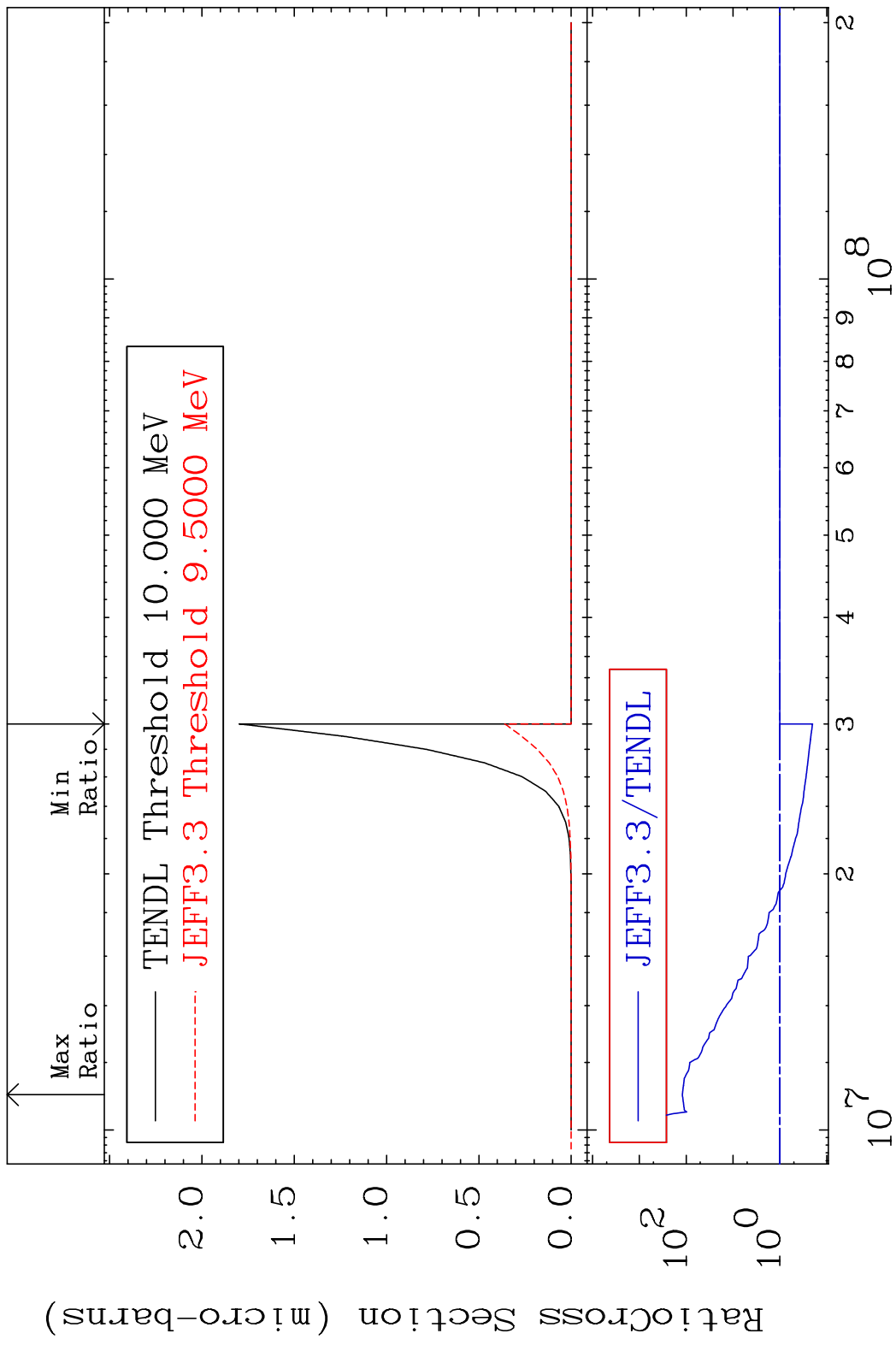


MAT 5234 (n, He-3) : 50-Sn-121m1 52-Te-123
 Radionuclide Production Cross Section Ratio 9.027 %

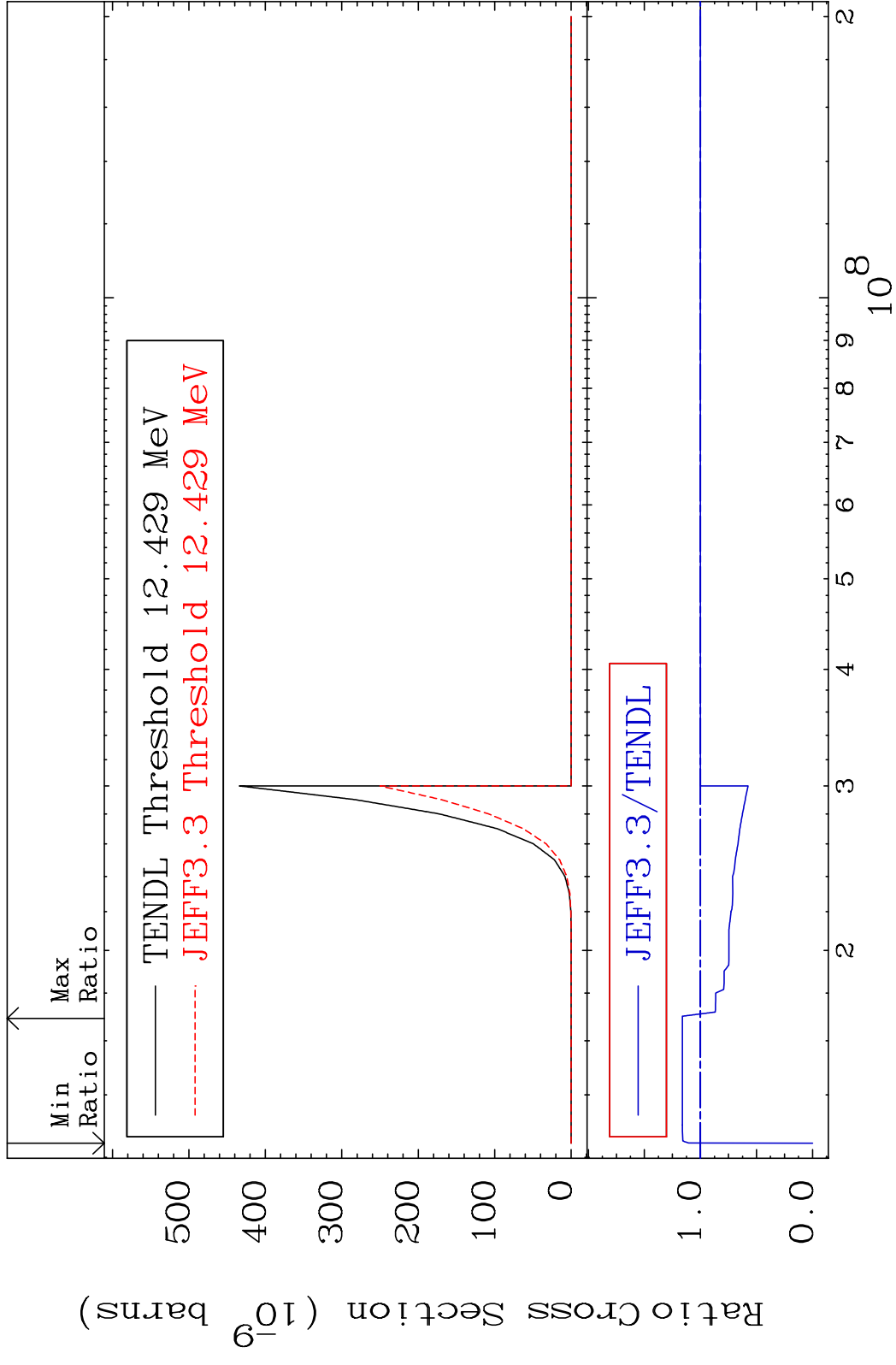


MAT 5234 (n,p) α :49-In-119g 52-Te-123
 Radionuclide Production Cross Section to 9999. %

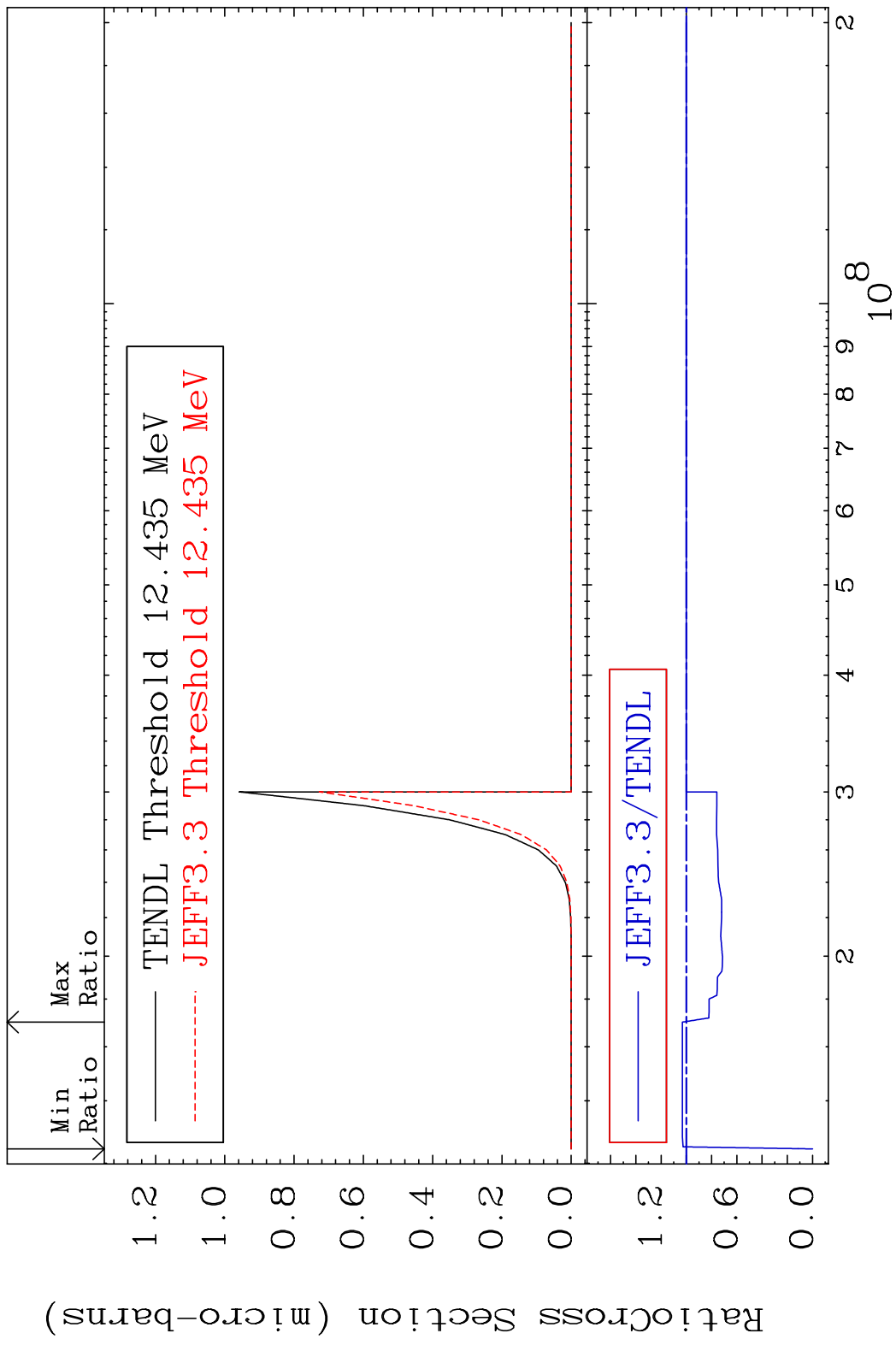




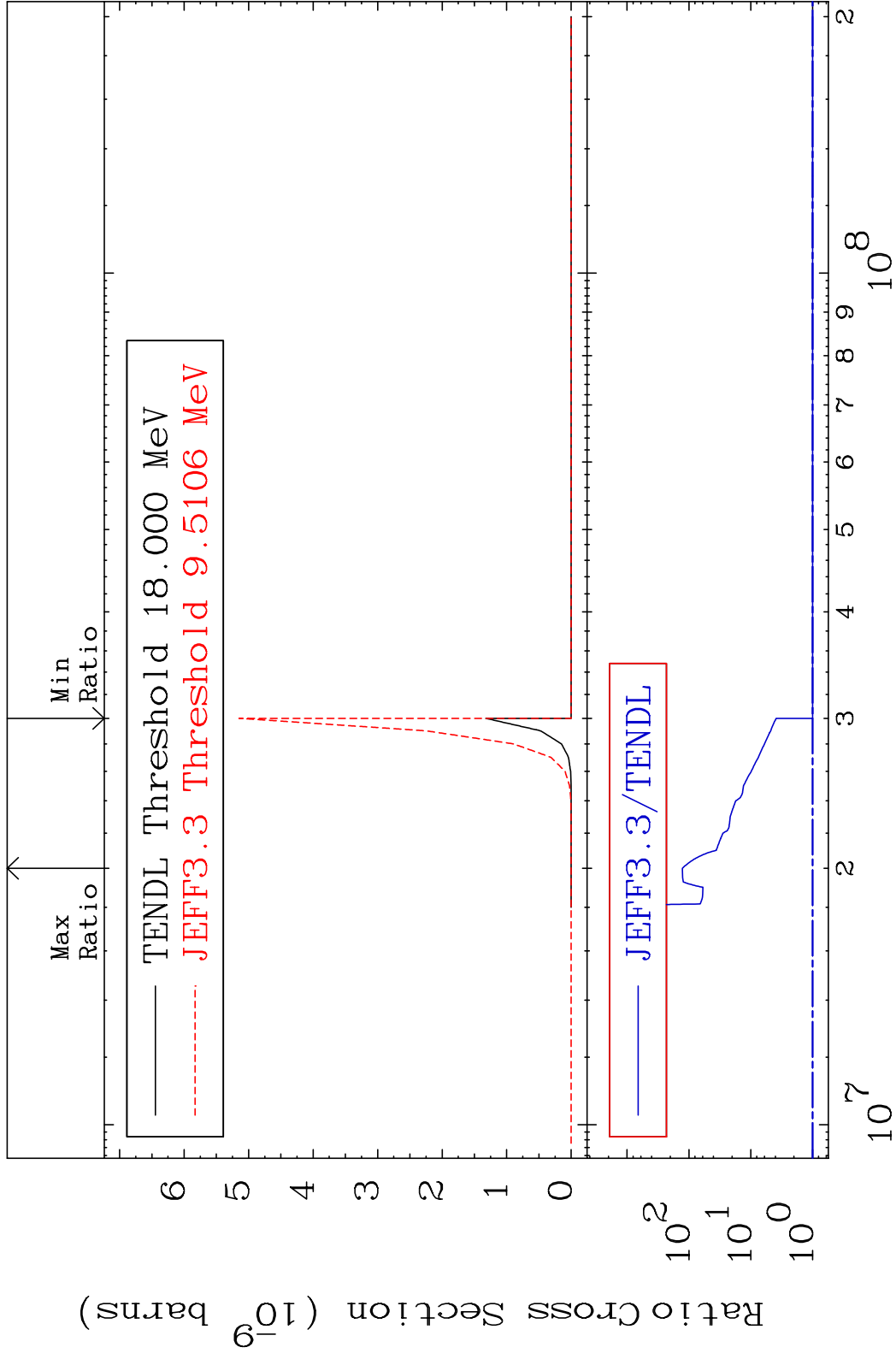
MAT 5234 (n,p) d:50-Sn-121g 52-Te-123
 Radionuclide Production Cross Section 18.00 d:16.14 %



MAT 5234 (n, p) d:50-Sn-121m1 52-Te-123
 Radionuclide Production Cross Section Ratio 3.179 %

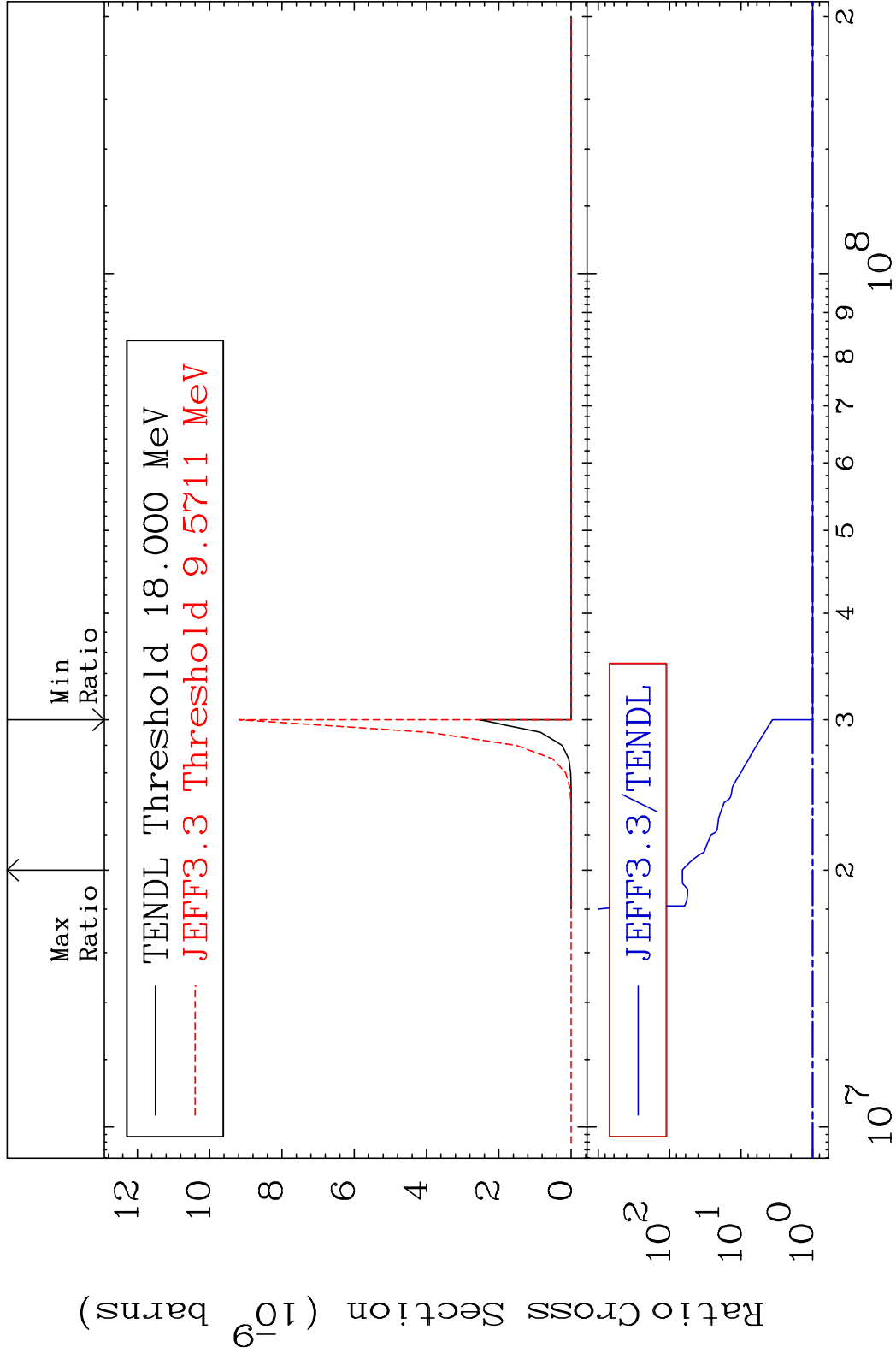


MAT 5234 (n, d) α :49-In-118g 52-Te-123
 Radionuclide Production Cross Section 9999. %



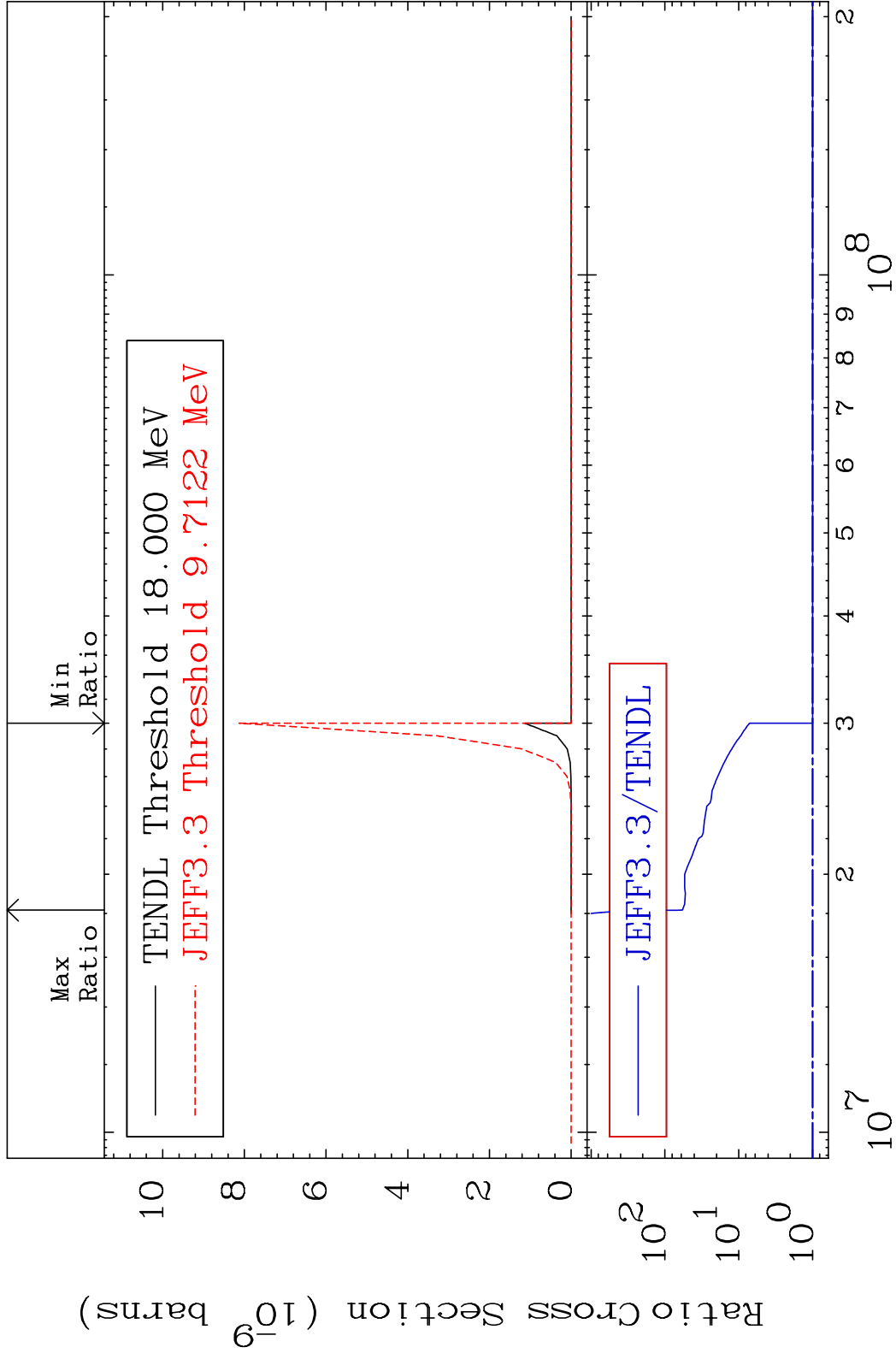
107 Incident Energy (eV) 52-Te-123

MAT 5234 (n, d) α :49-In-118m1 52-Te-123
 Radionuclide Production Cross Section 6534. %



108 Incident Energy (eV) 52-Te-123

MAT 5234 (n, d) α : 49-In-118m3 52-Te-123
 Radionuclide Production Cross Section 5707. %



109 Incident Energy (eV) 52-Te-123