

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

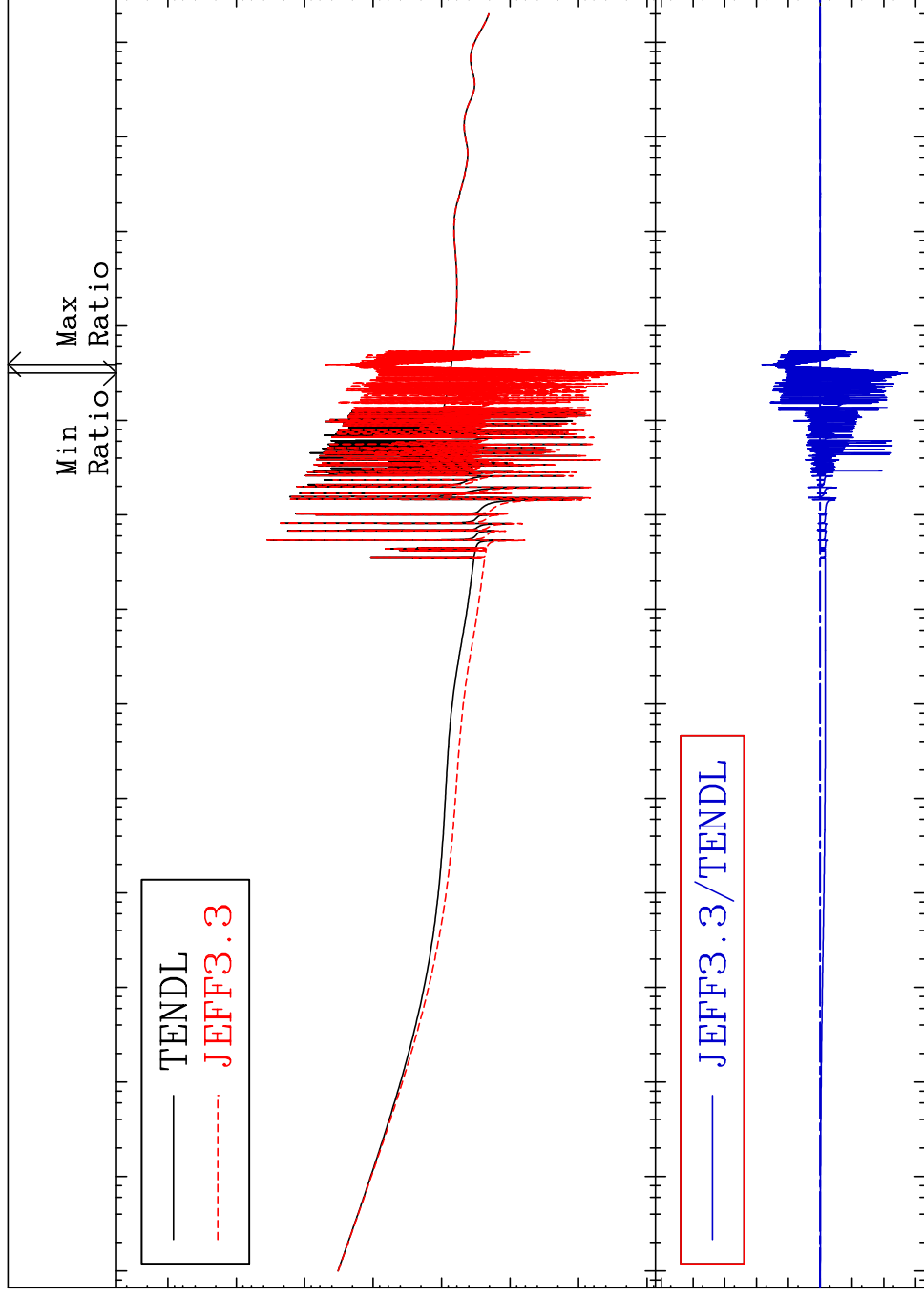
MAT 5237

Total

52-Te-124

Cross Section

-99.82 To 6760. %



1

Incident Energy (eV)

52-Te-124

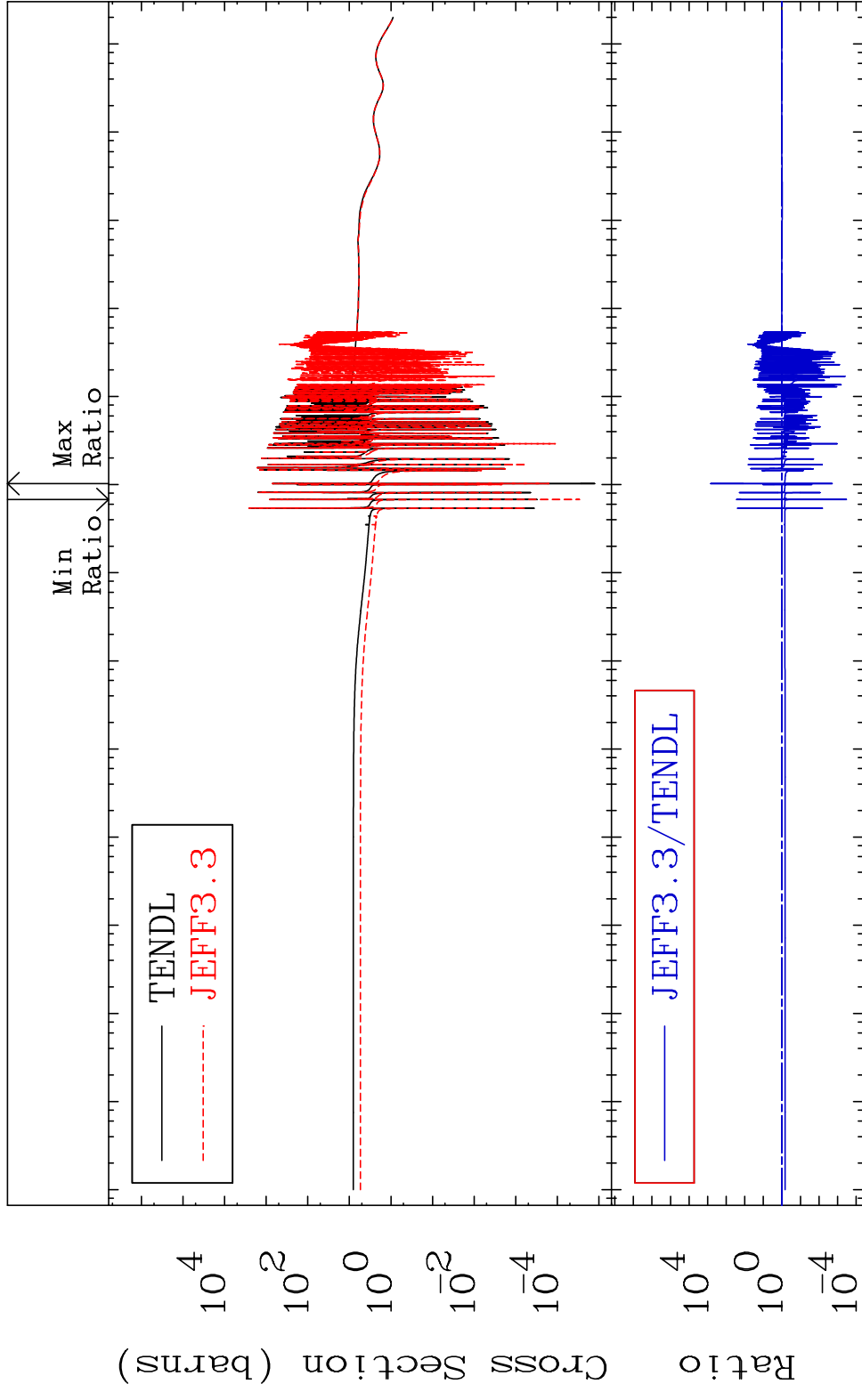
MAT 5237

Elastic

52-Te-124

Cross Section

-99.97 To 9999. %



Ratio

2

Incident Energy (eV)

52-Te-124

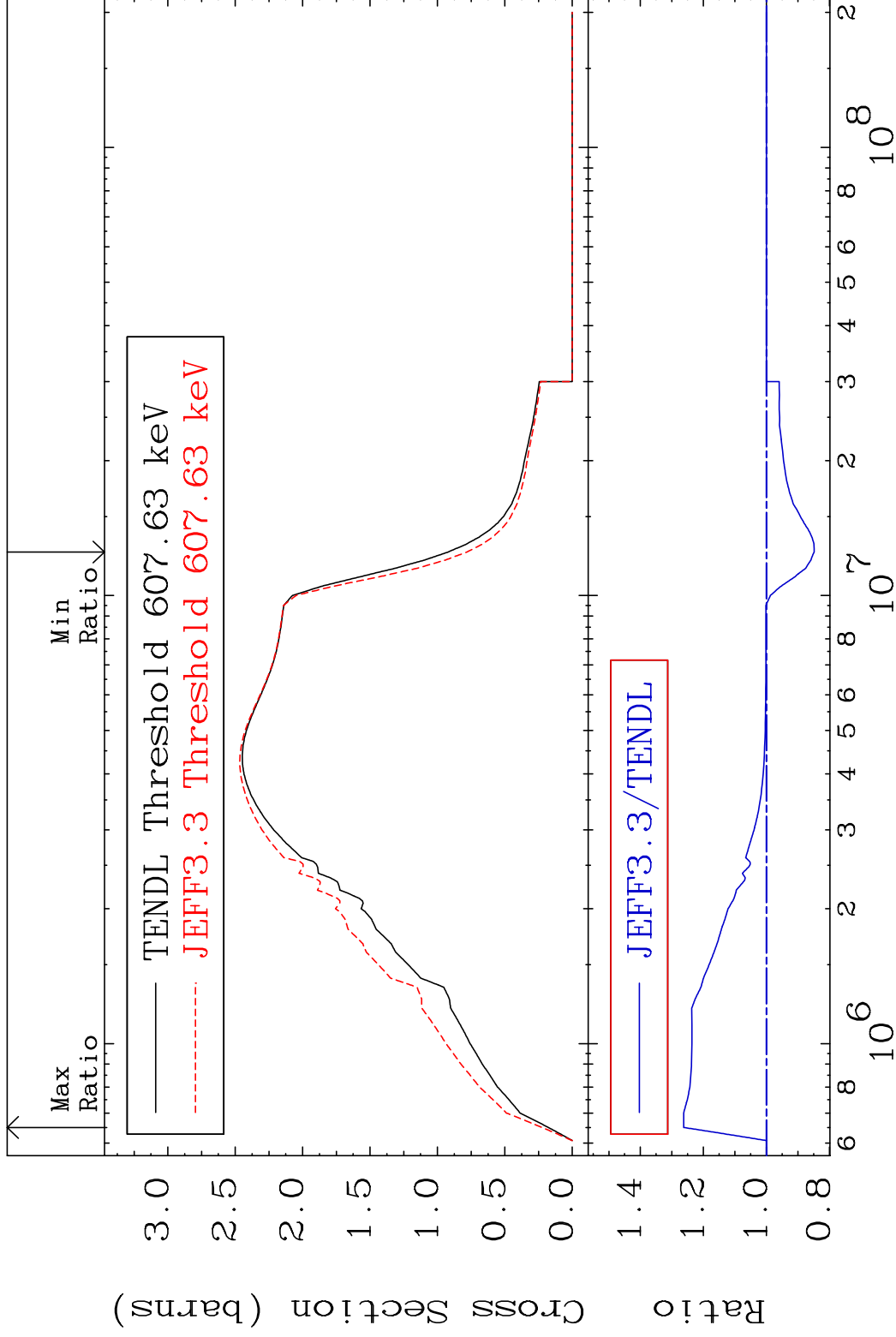
MAT 5237

Inelastic

52-Te-124

Cross Section

-15.14 To 26.26 %



3

Incident Energy (eV)

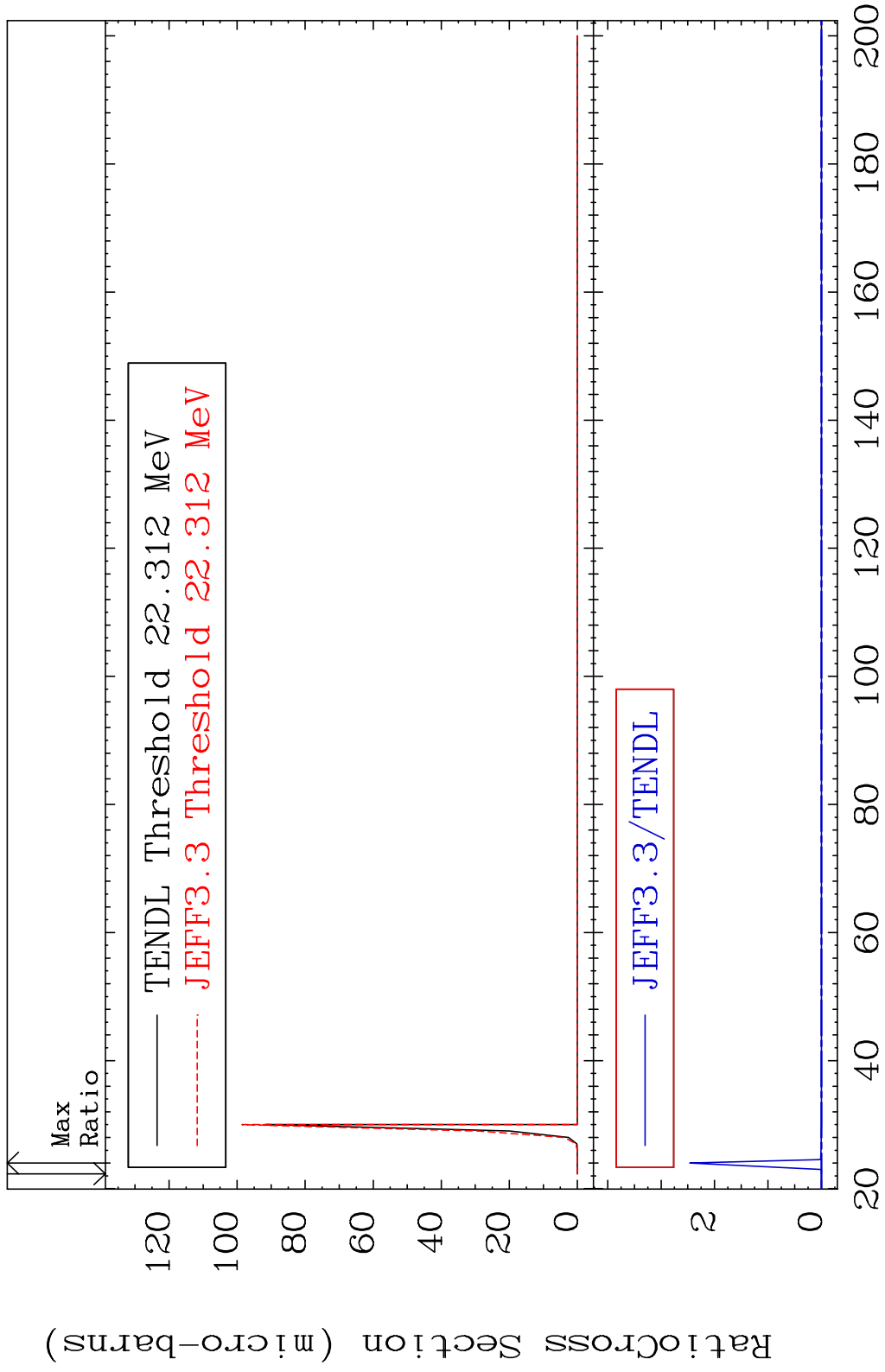
52-Te-124

MAT 5237

(n,2n) d

52-Te-124

Cross Section -100.0 To 9999. %



4

Incident Energy (MeV)

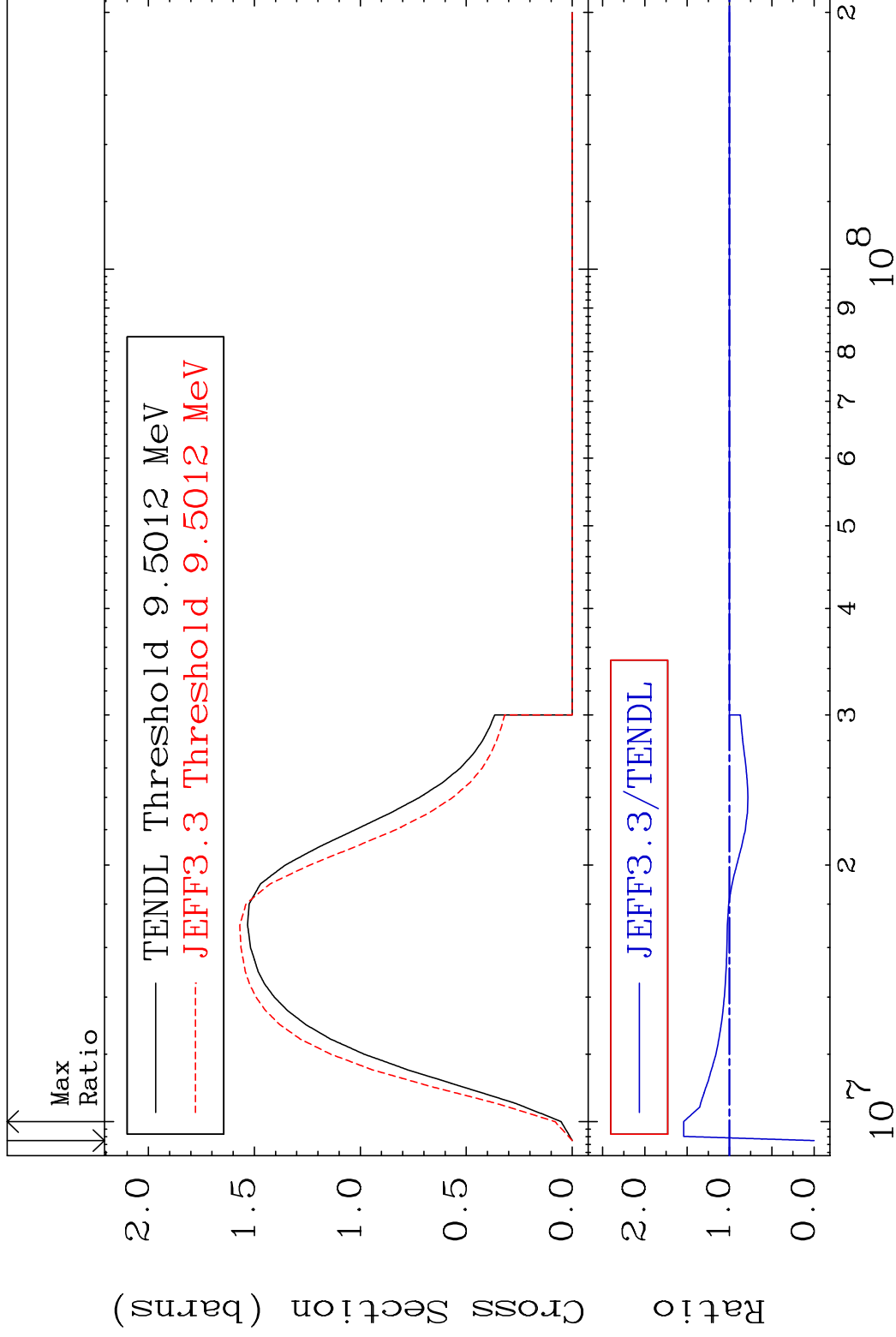
52-Te-124

MAT 5237

(n,2n)

52-Te-124

Cross Section -100.0 To 54.16 %



5

Incident Energy (eV)

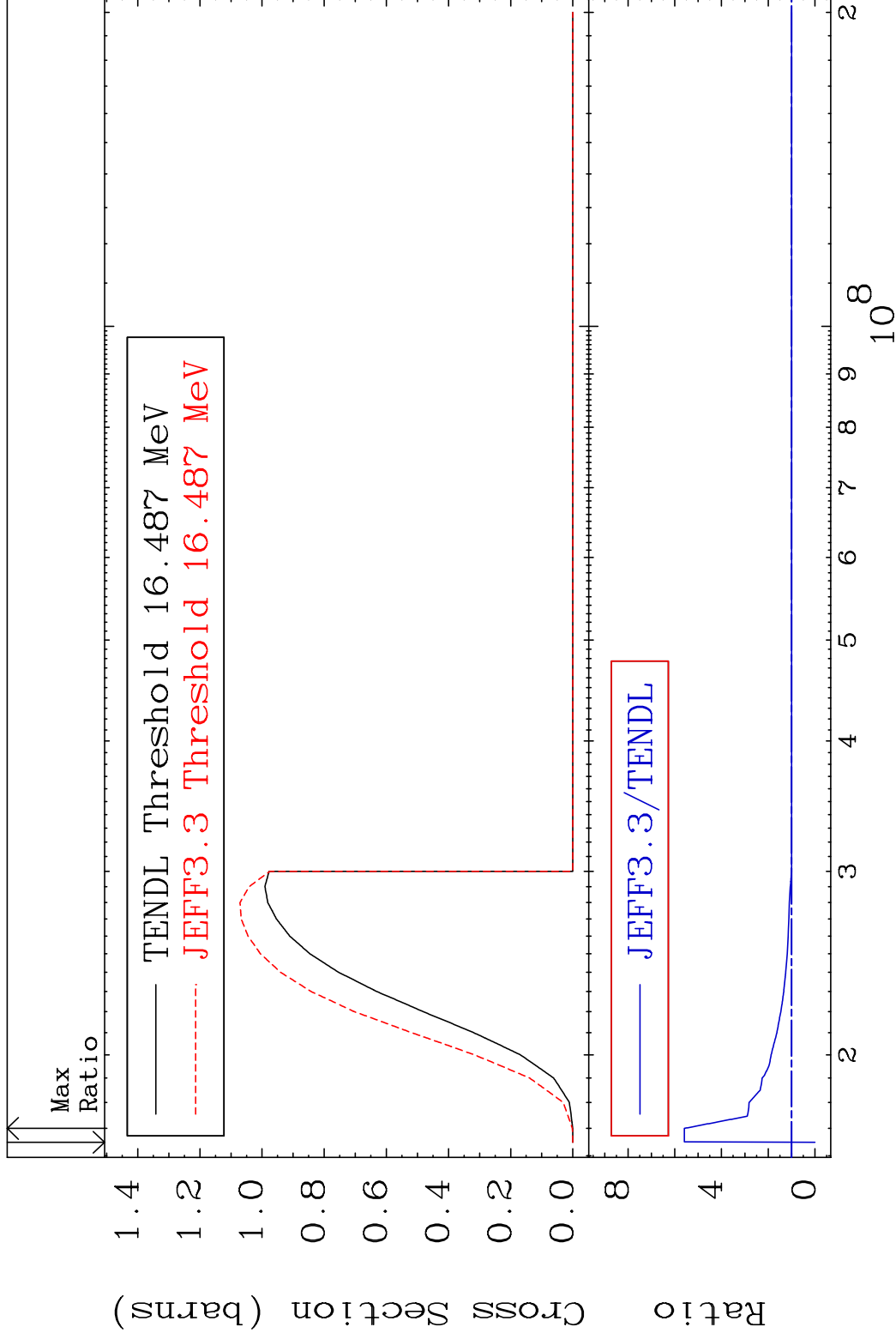
52-Te-124

MAT 5237

(n,3n)

52-Te-124

Cross Section -100.0 To 459.3 %

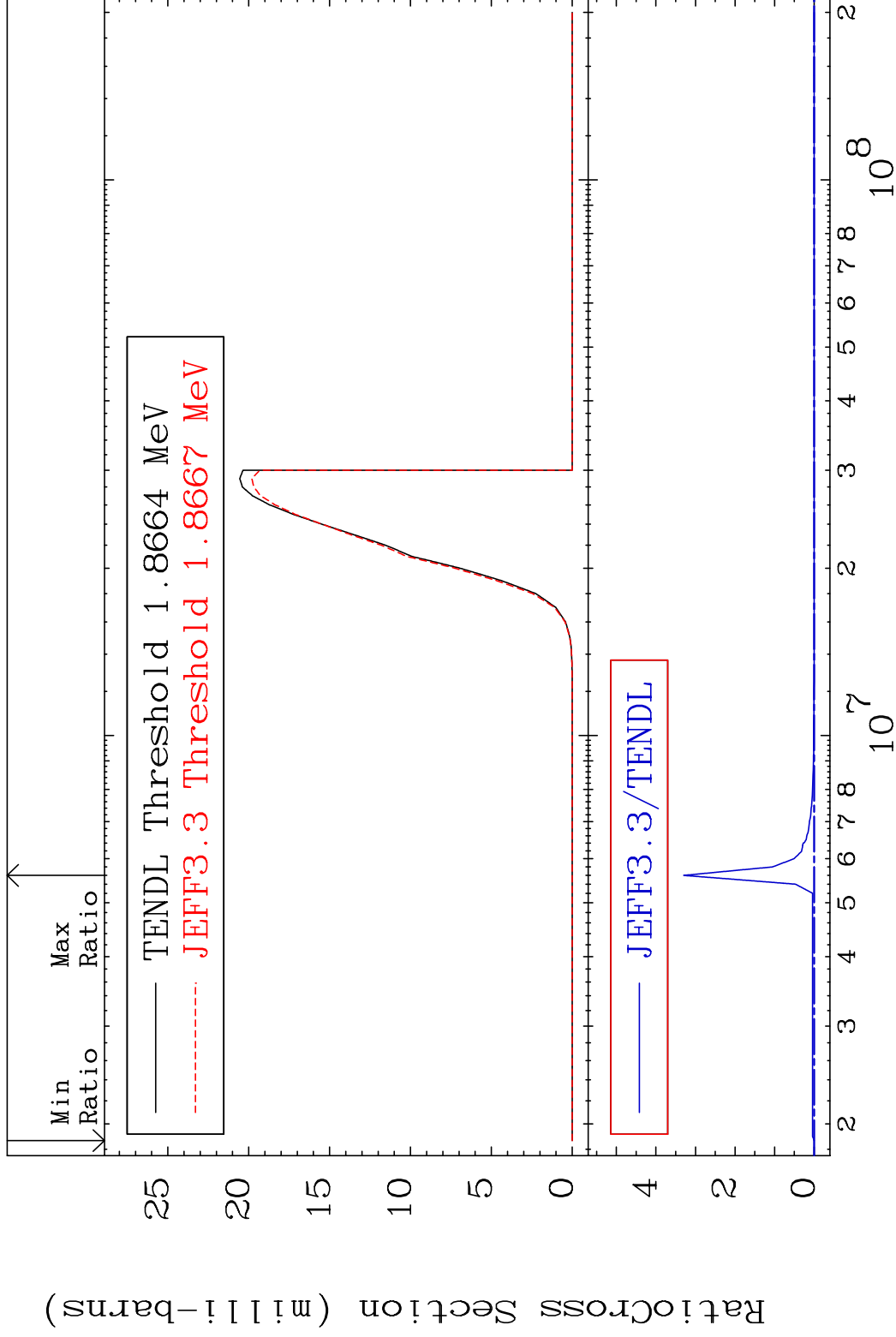


MAT 5237

(n, n') α

52-Te-124

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

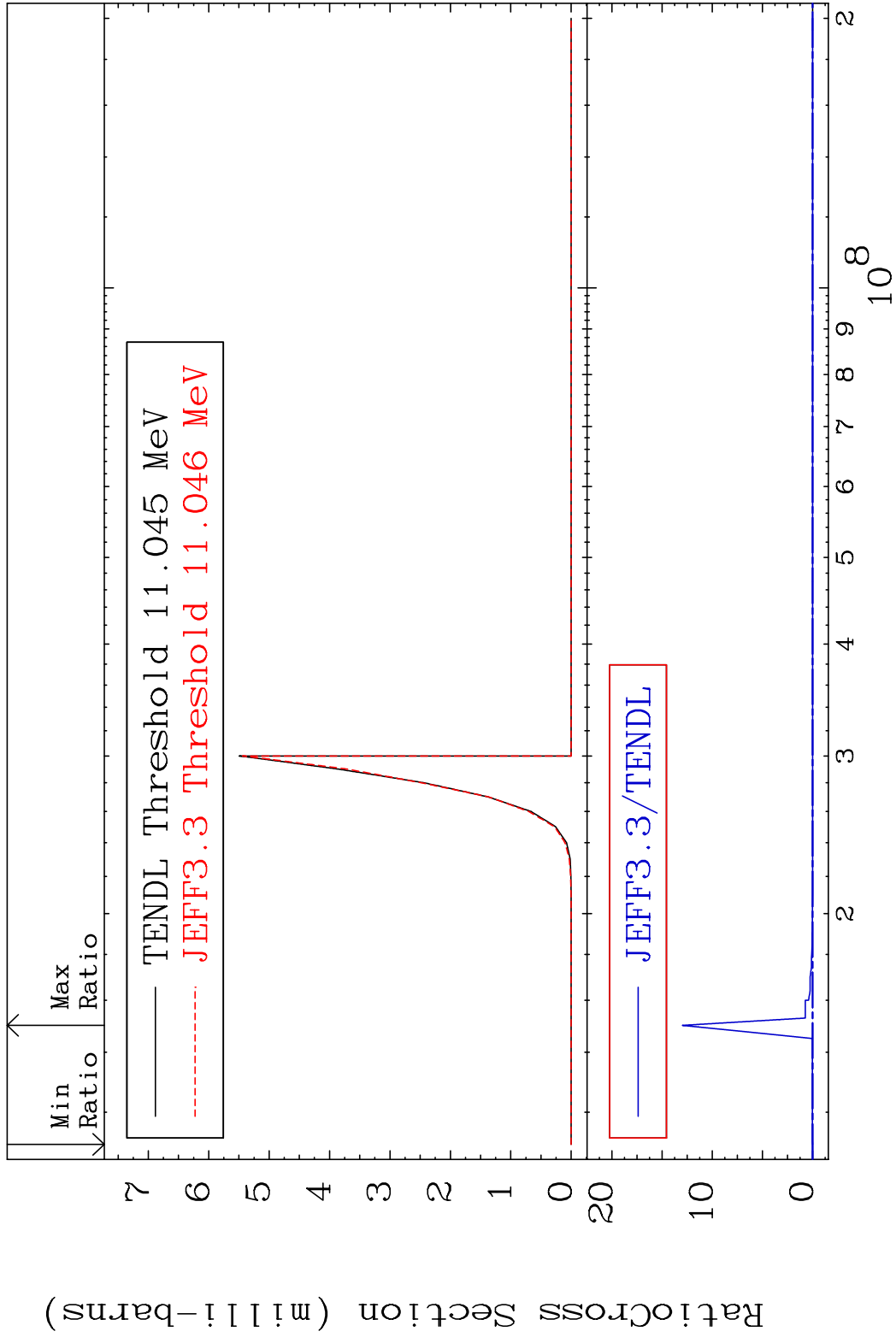
52-Te-124

MAT 5237

(n,2n) α

52-Te-124

Cross Section -100.0 To 9999. %

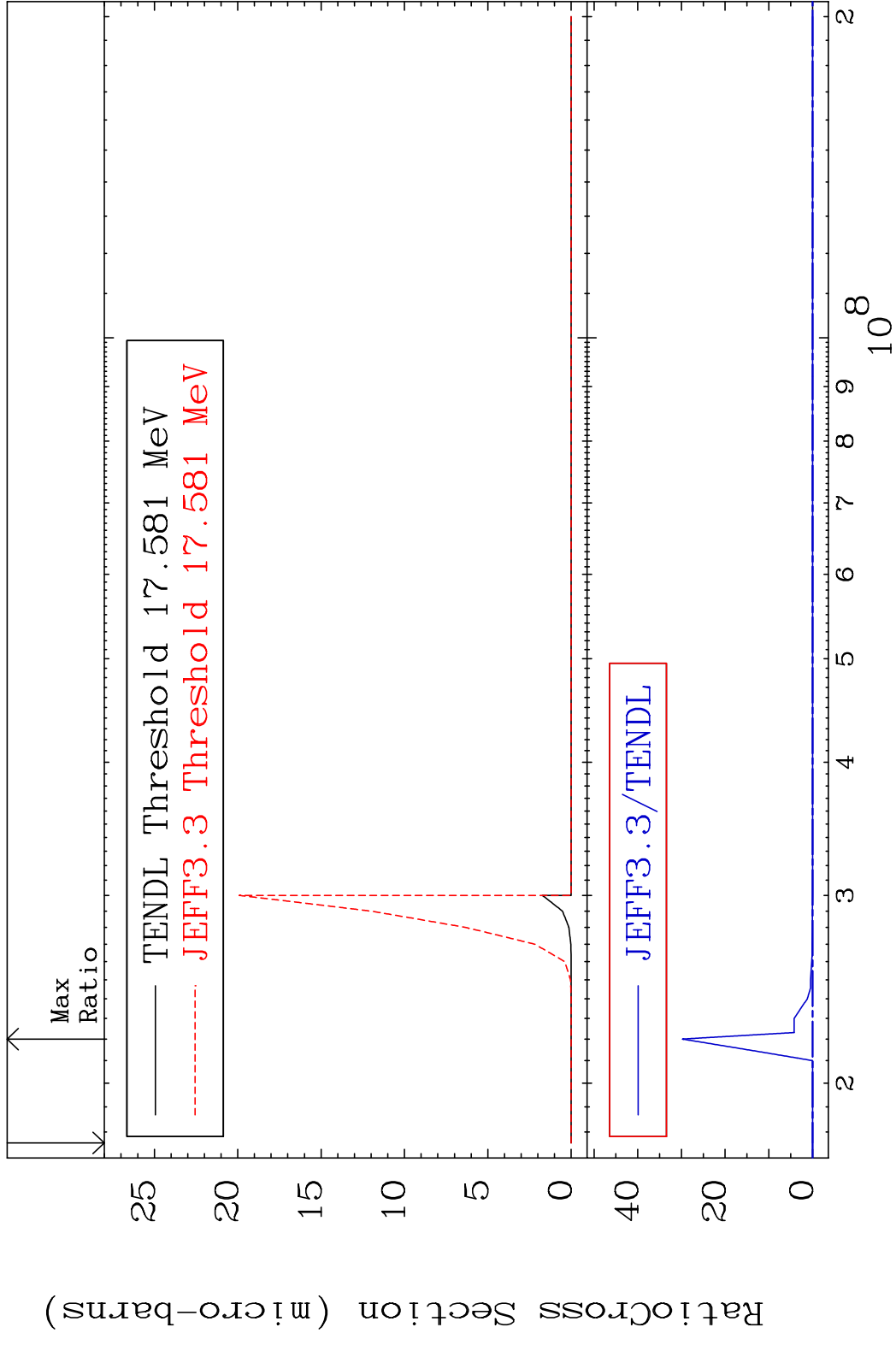


8

Incident Energy (eV)

52-Te-124

MAT 5237 (n,3n) α 52-Te-124
 Cross Section -100.0 To 9999. %

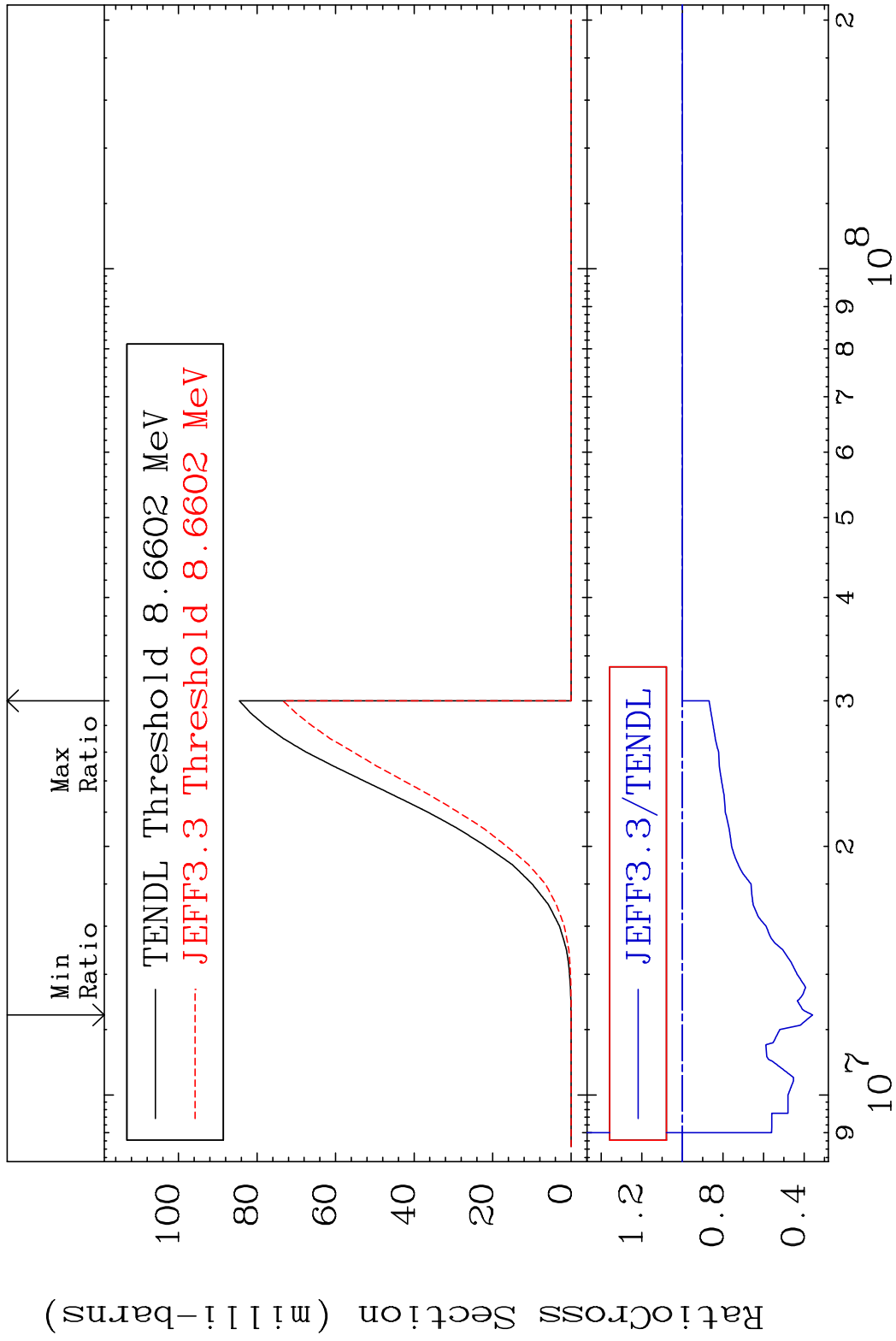


MAT 5237

(n, n') p

52-Te-124

Cross Section -64.13 To 0.000 %



10

Incident Energy (eV)

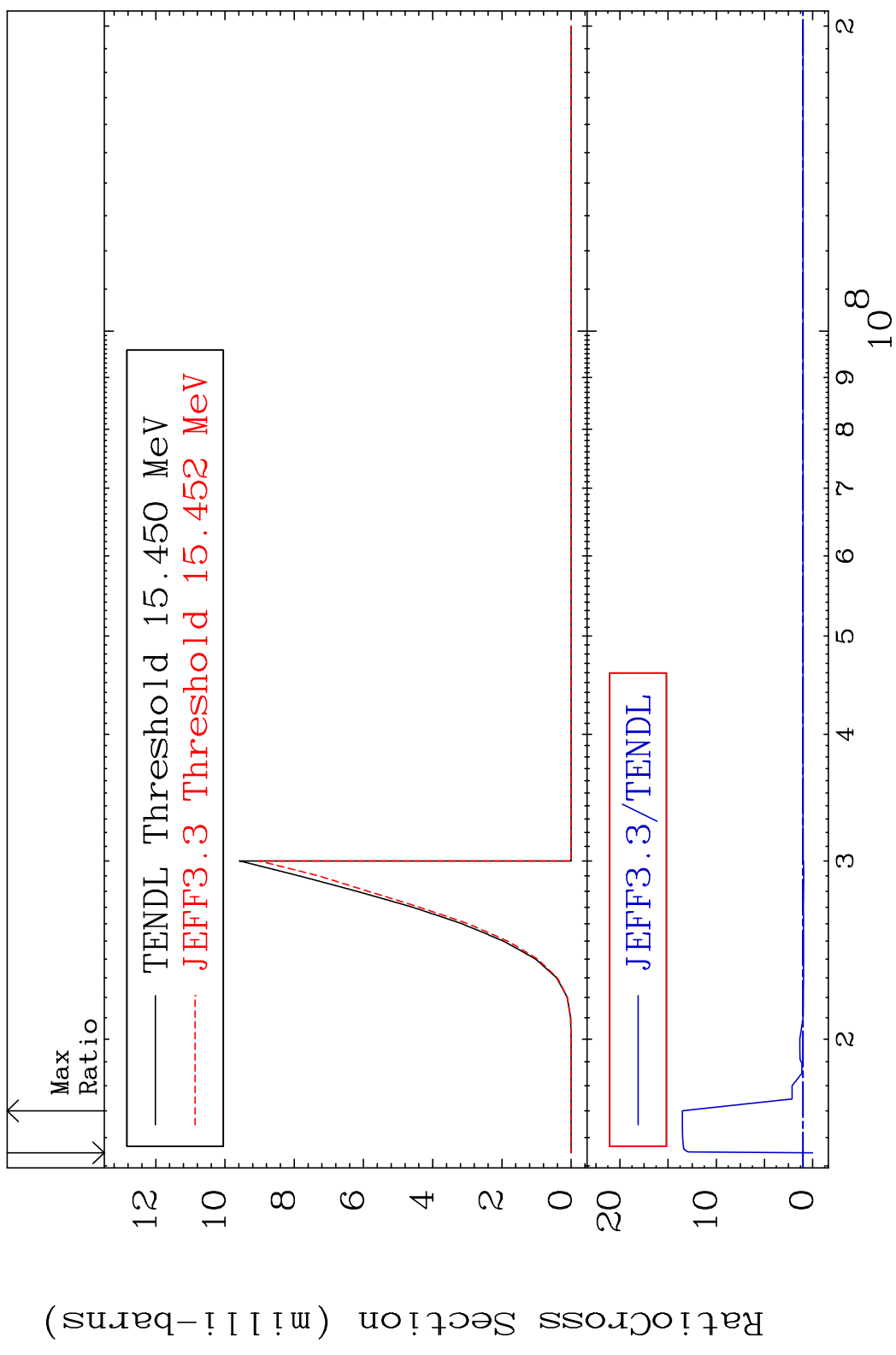
52-Te-124

MAT 5237

(n, n') d

52-Te-124

Cross Section -100.0 To 1252. %

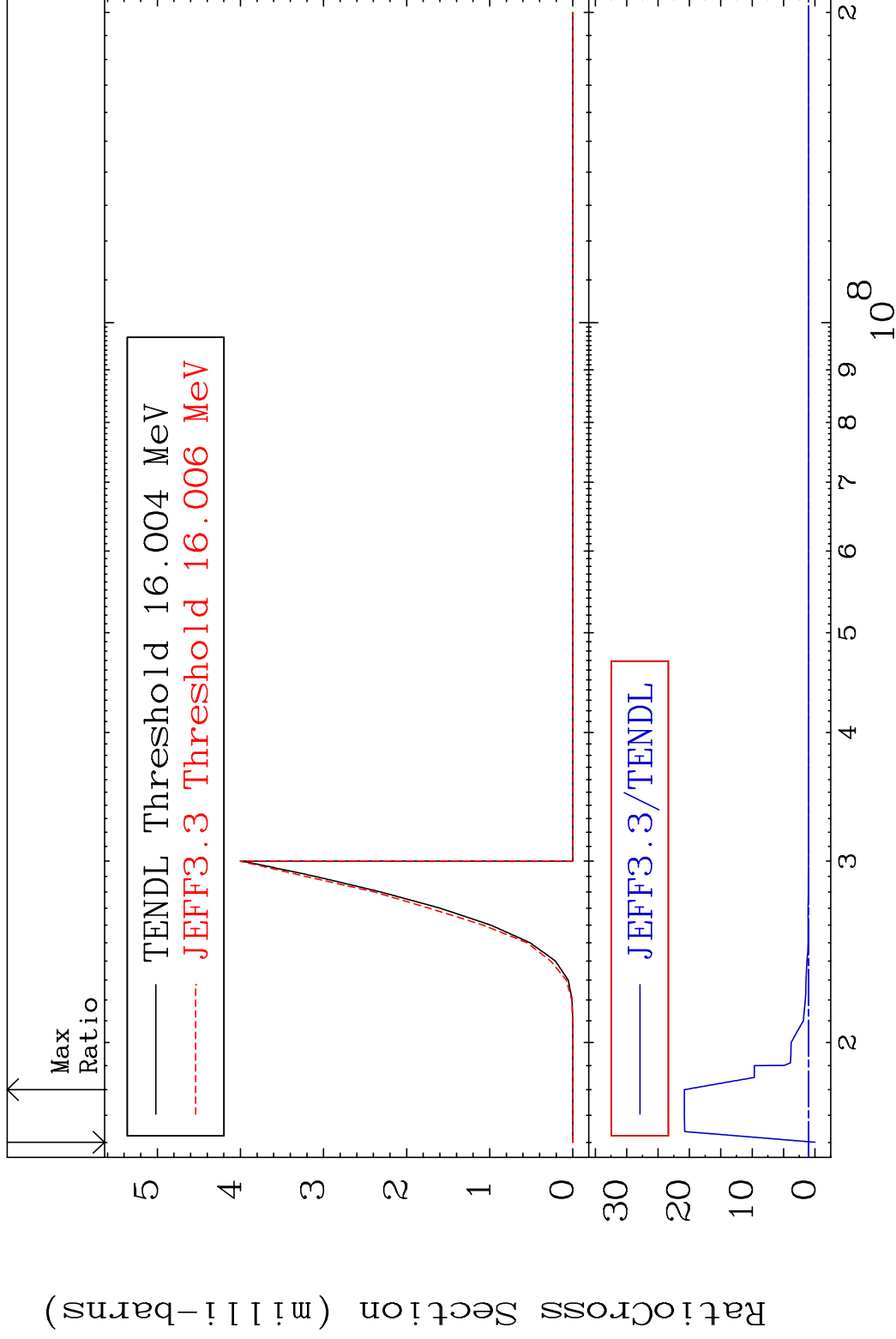


MAT 5237

(n, n') t

52-Te-124

Cross Section -100.0 To 1982. %

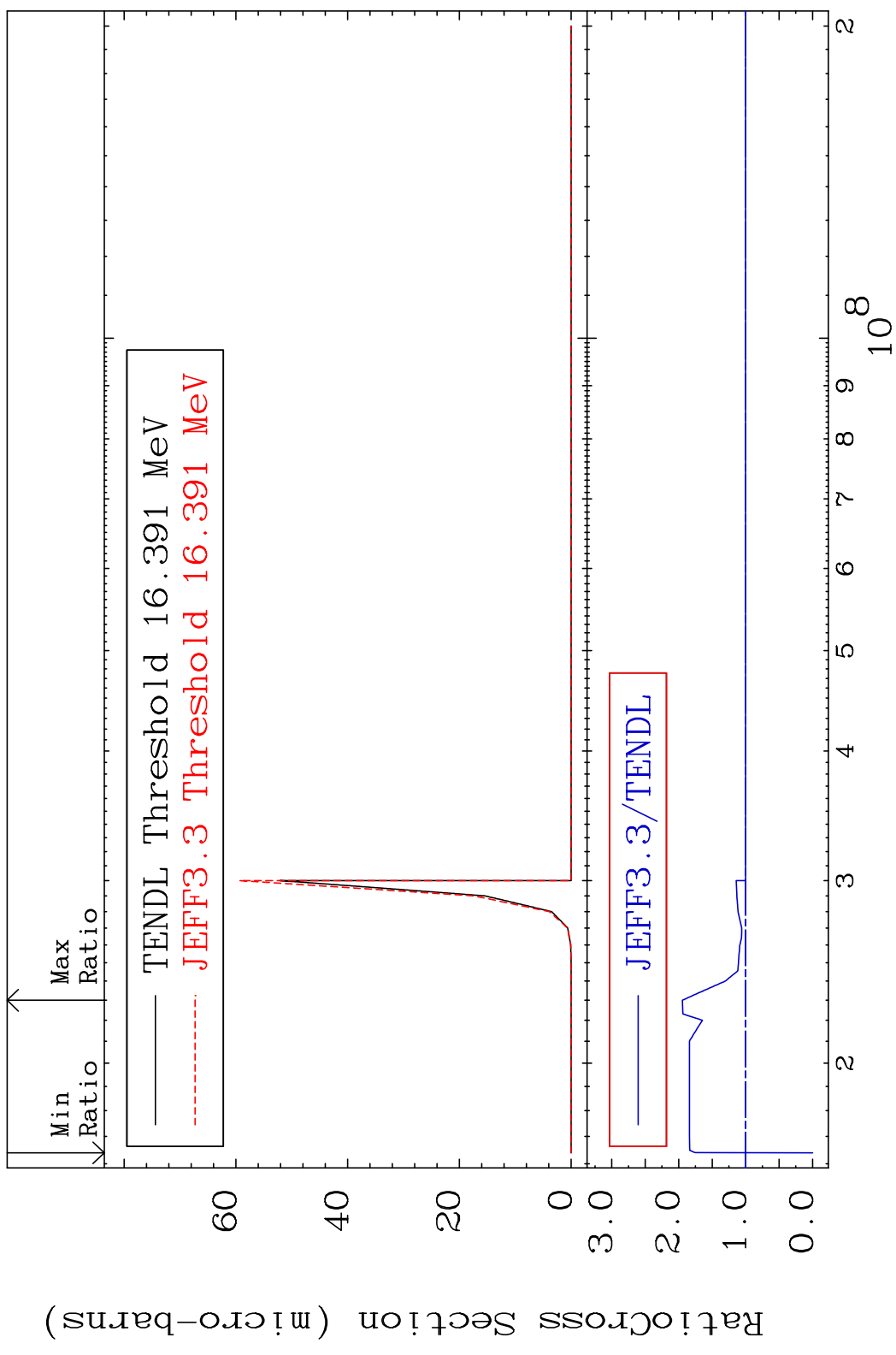


MAT 5237

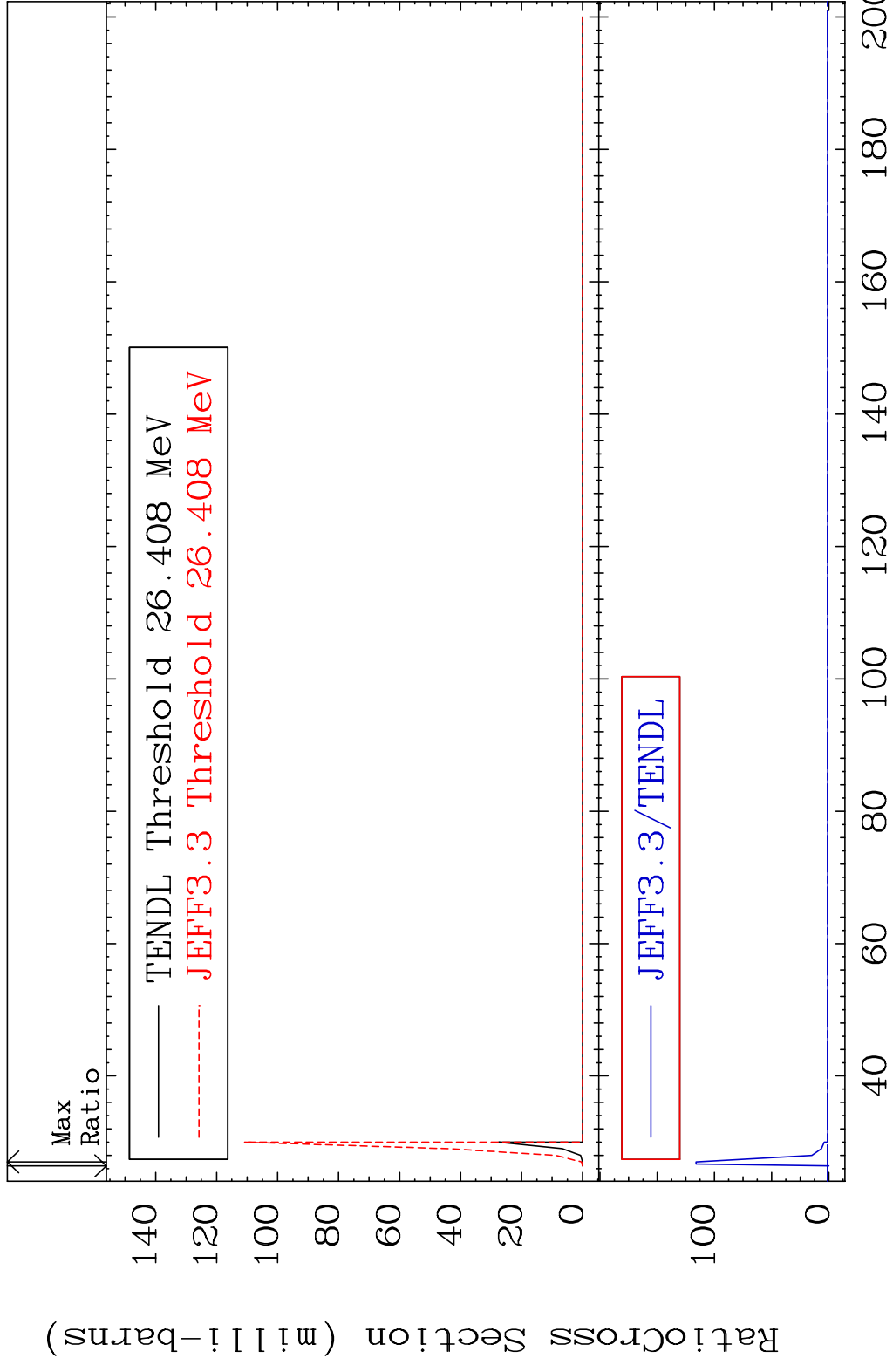
(n,n') He-3

52-Te-124

Cross Section -100.0 To 94.55 %



MAT 5237 (n,4n) 52-Te-124
 Cross Section -100.0 To 9999. %

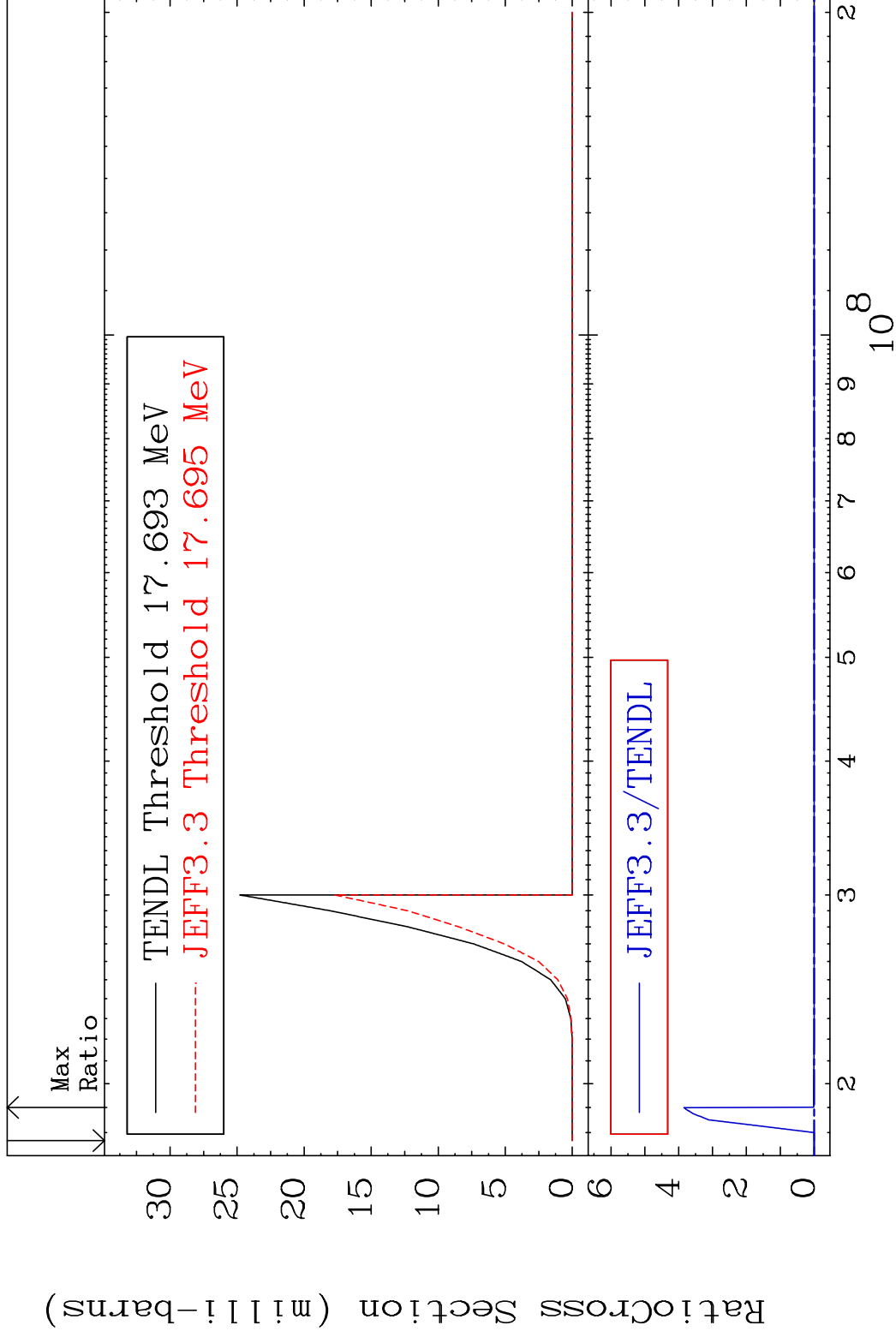


MAT 5237

(n,2n) p

52-Te-124

Cross Section -100.0 To 9999. %

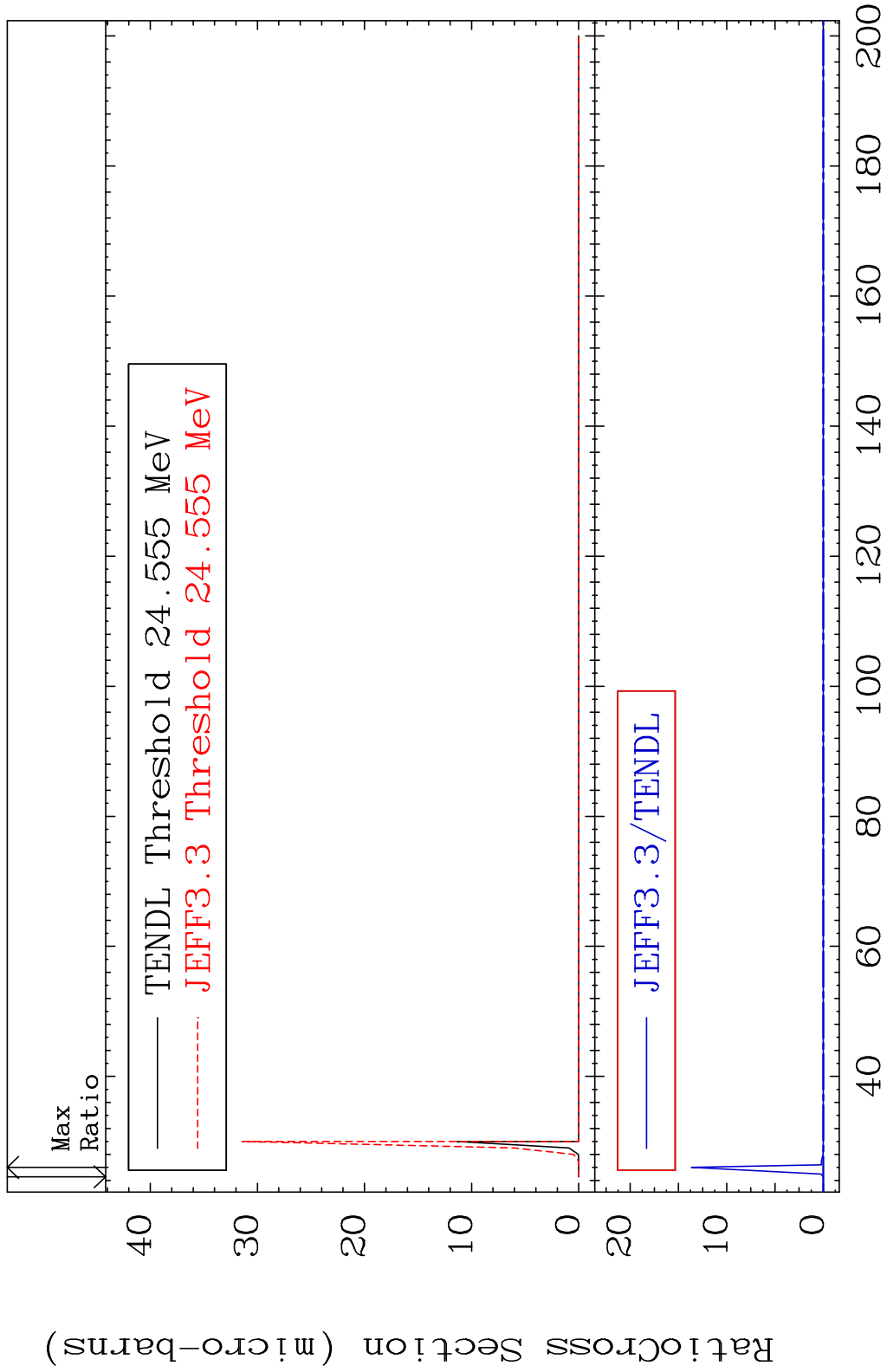


15

Incident Energy (eV)

52-Te-124

MAT 5237 (n,3n) p 52-Te-124
 Cross Section -100.0 To 9999. %

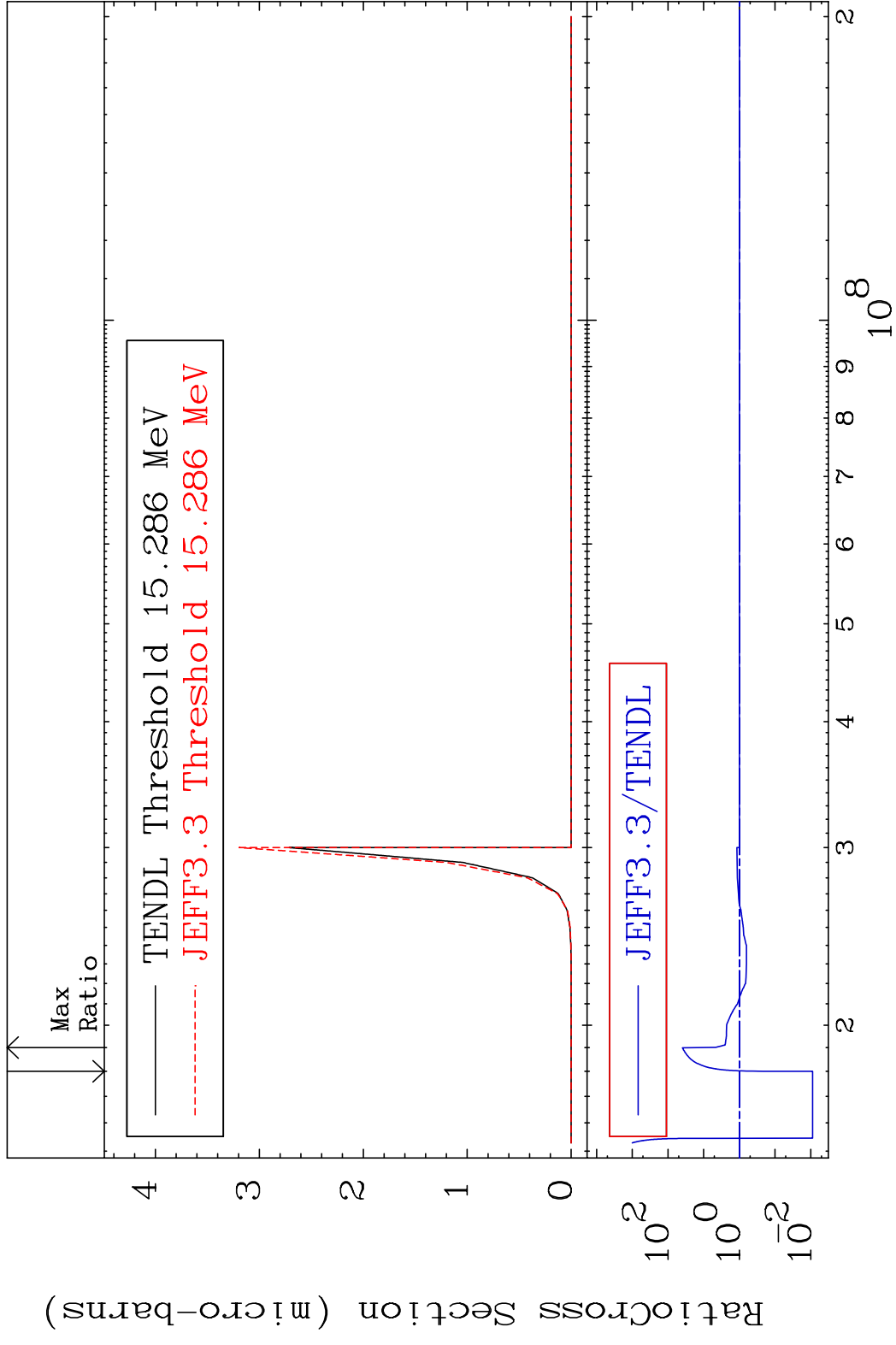


MAT 5237

(n,2n) p

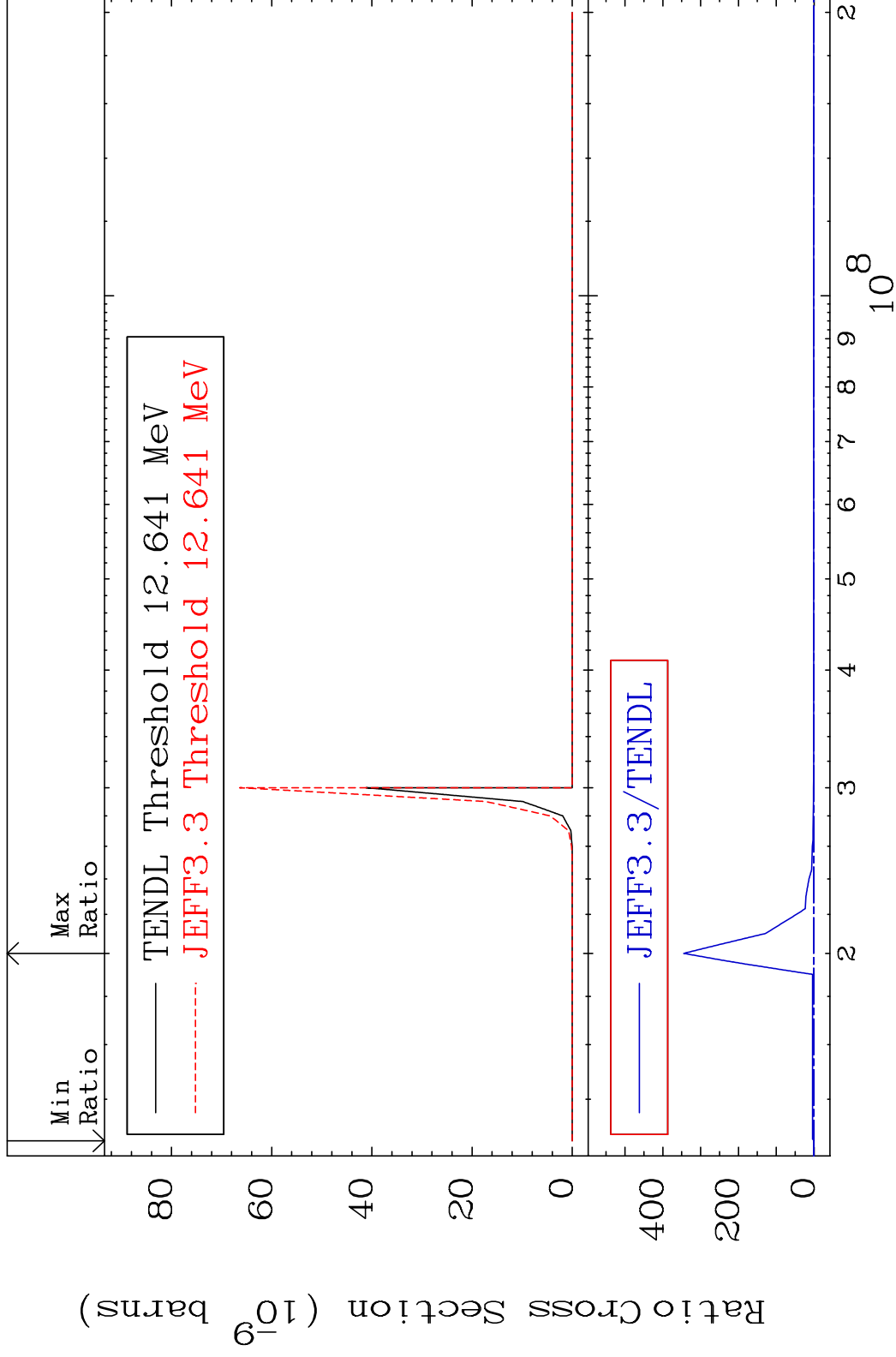
52-Te-124

Cross Section -99.11 To 3845. %



MAT 5237

(n,n') p α 52-Te-124
Cross Section -100.0 To 9999. %



18

Incident Energy (eV)

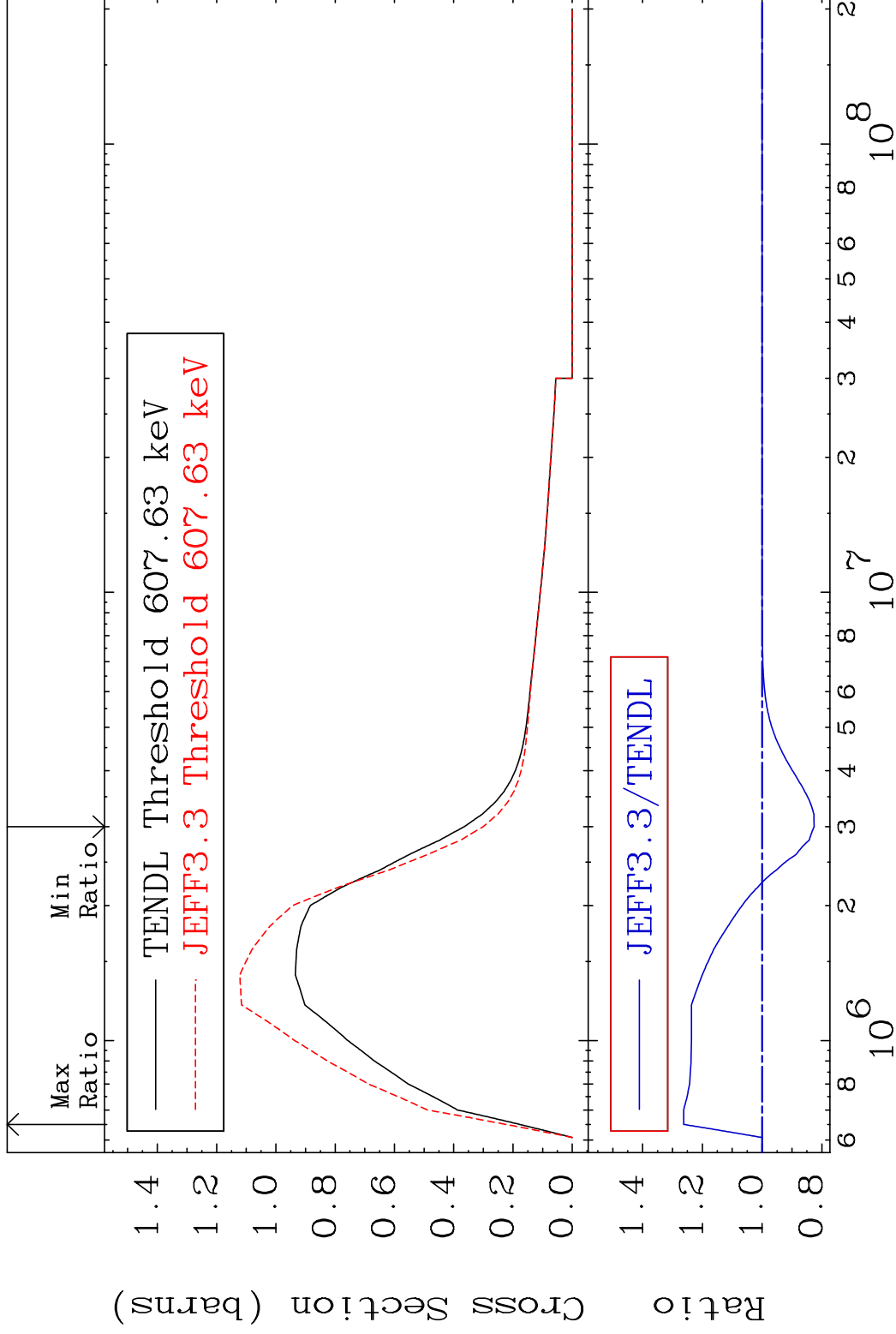
52-Te-124

MAT 5237

MT= 51 (n,n') Level

52-Te-124

Cross Section -17.40 To 26.26 %

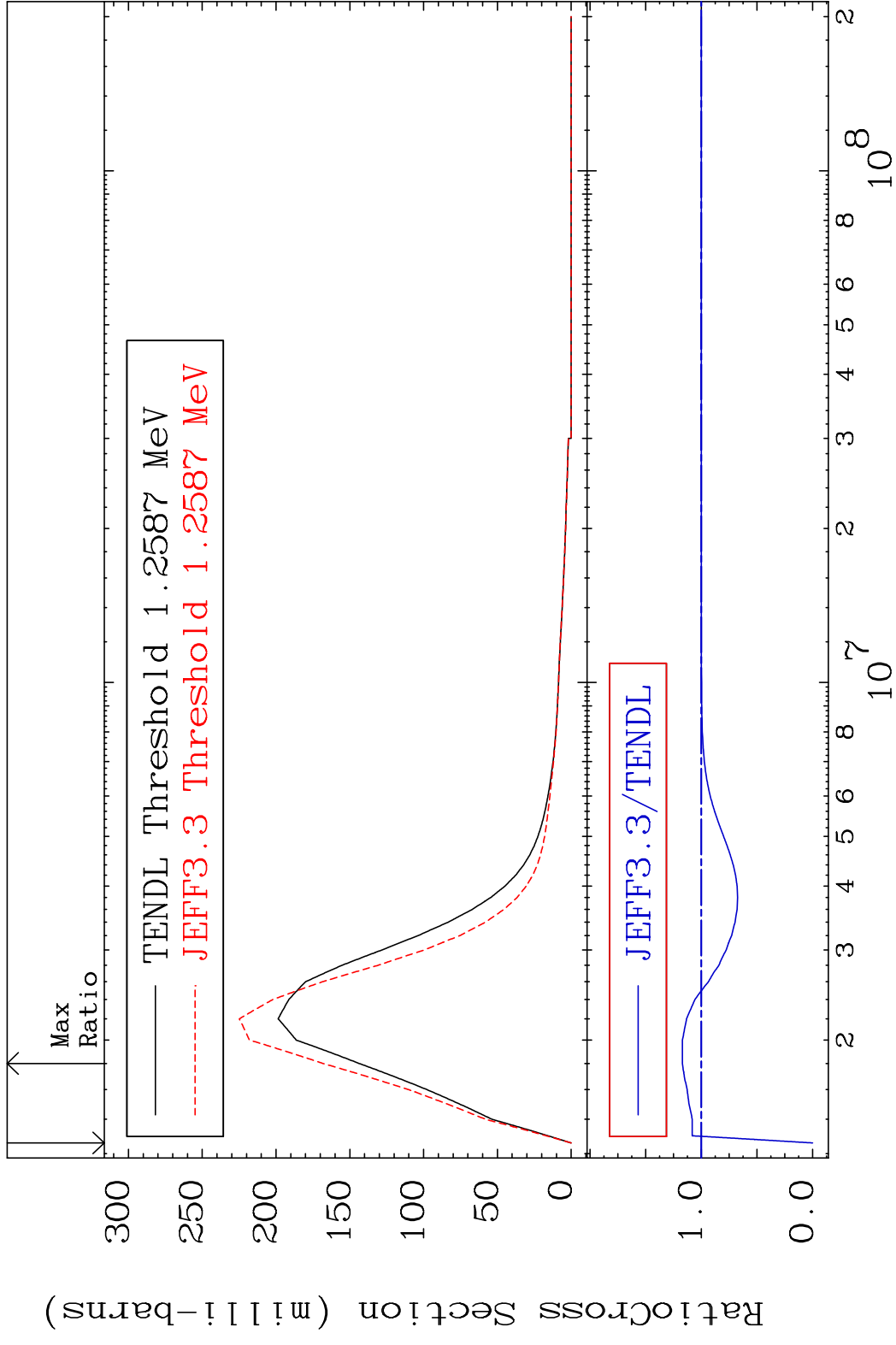


19

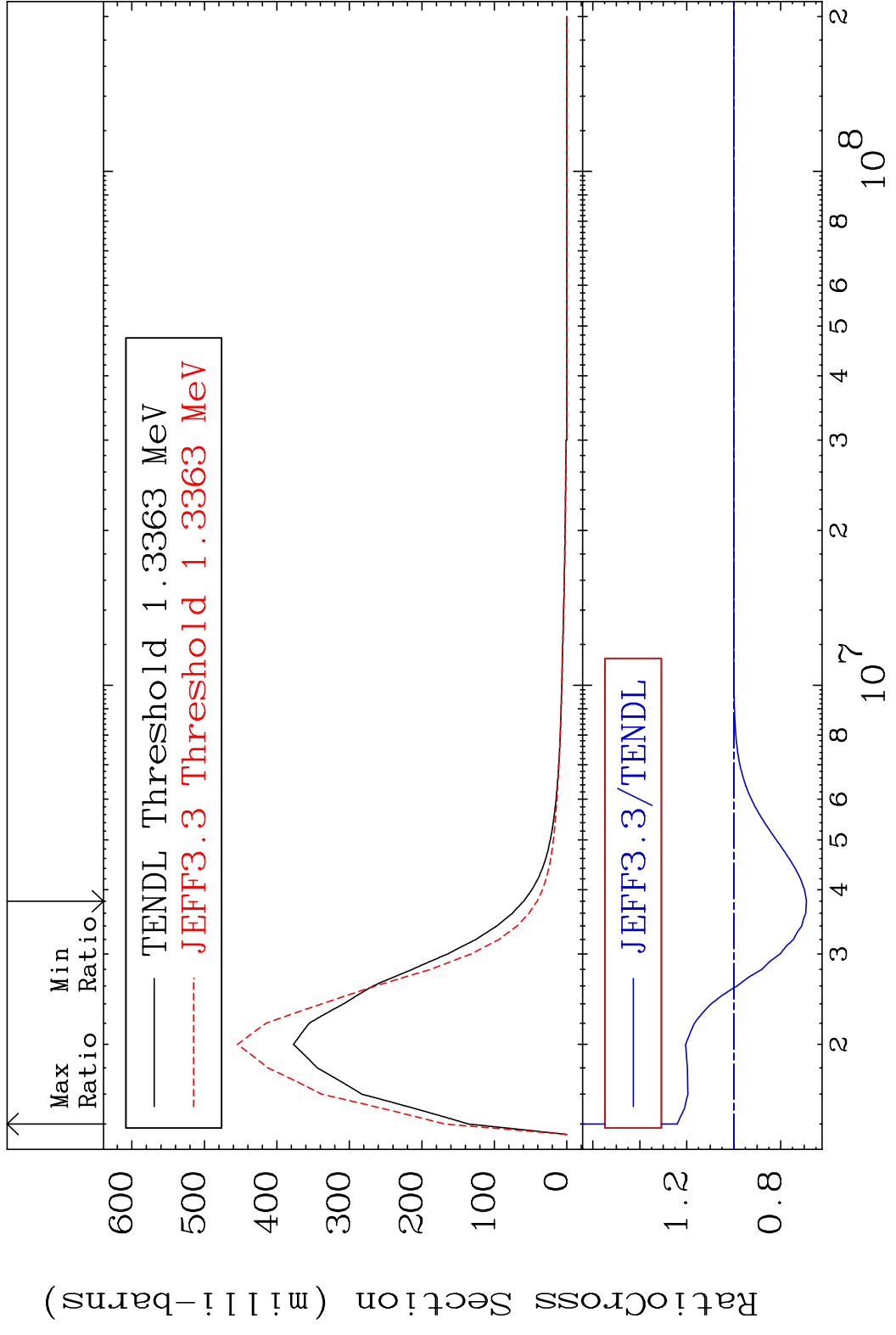
Incident Energy (eV)

52-Te-124

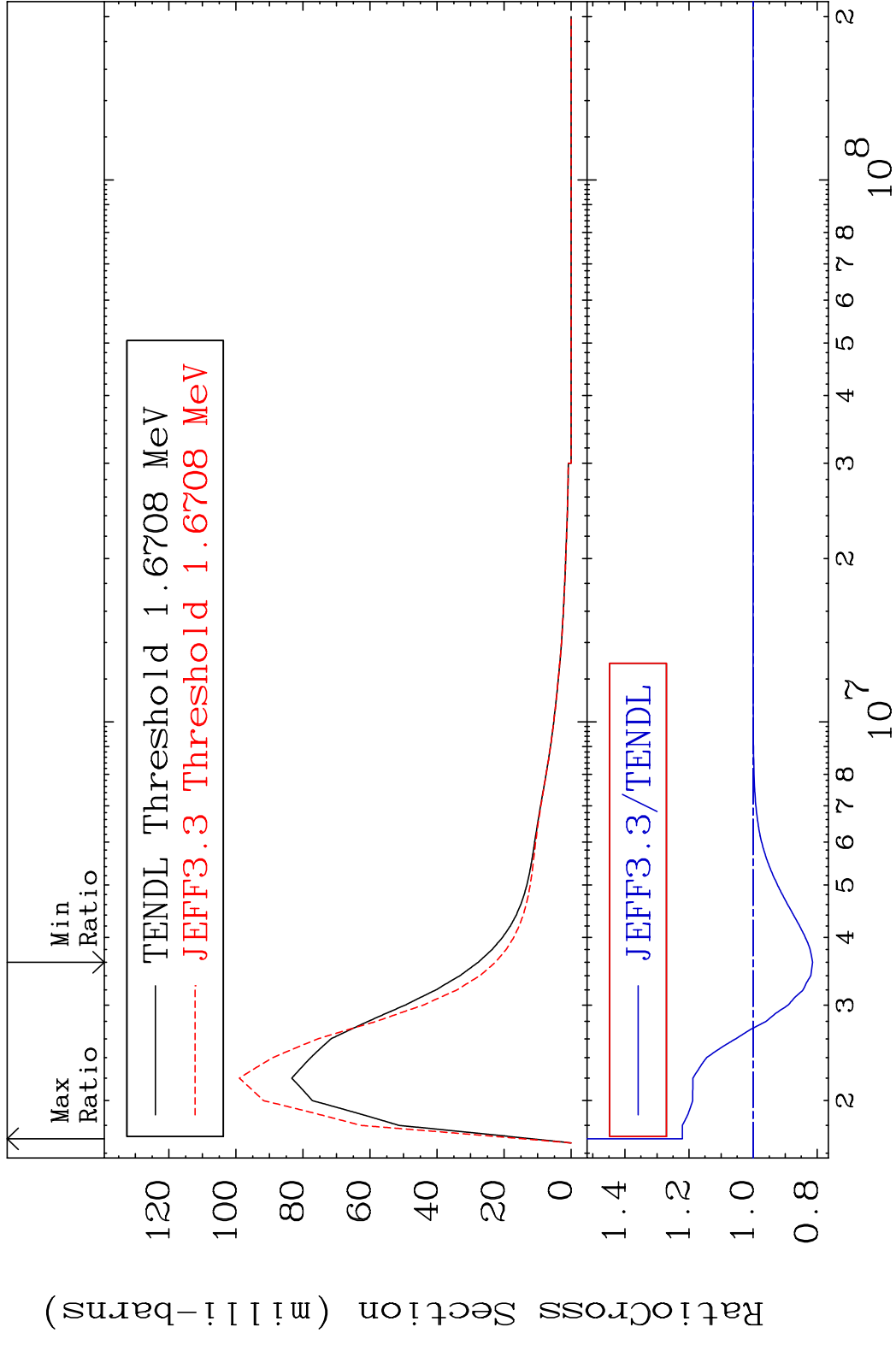
MAT 5237 MT= 52 (n,n') Level 52-Te-124
 Cross Section -100.0 To 17.04 %



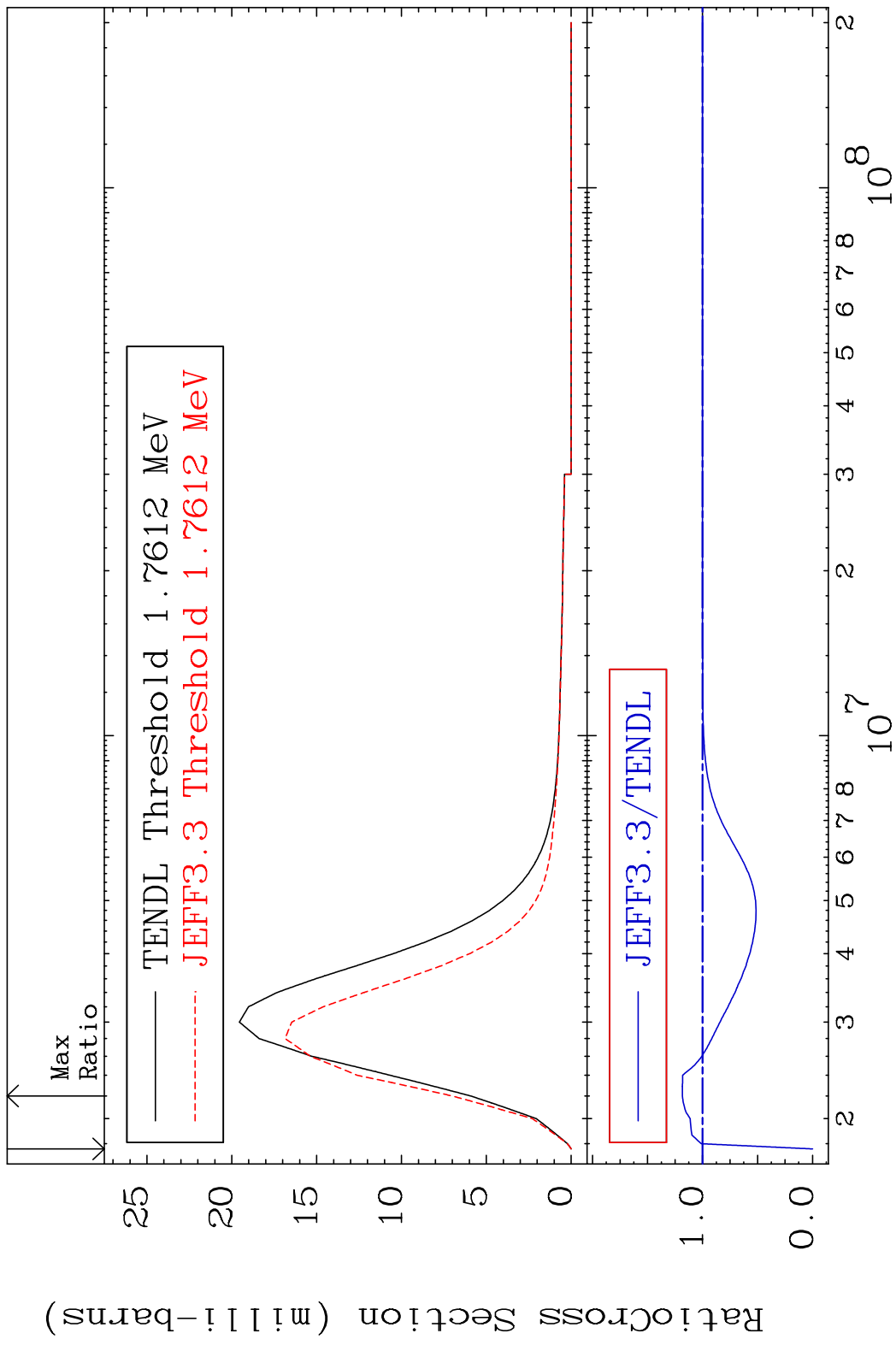
MAT 5237 MT= 53 (n, n') Level 52-Te-124
 Cross Section -30.96 To 24.08 %



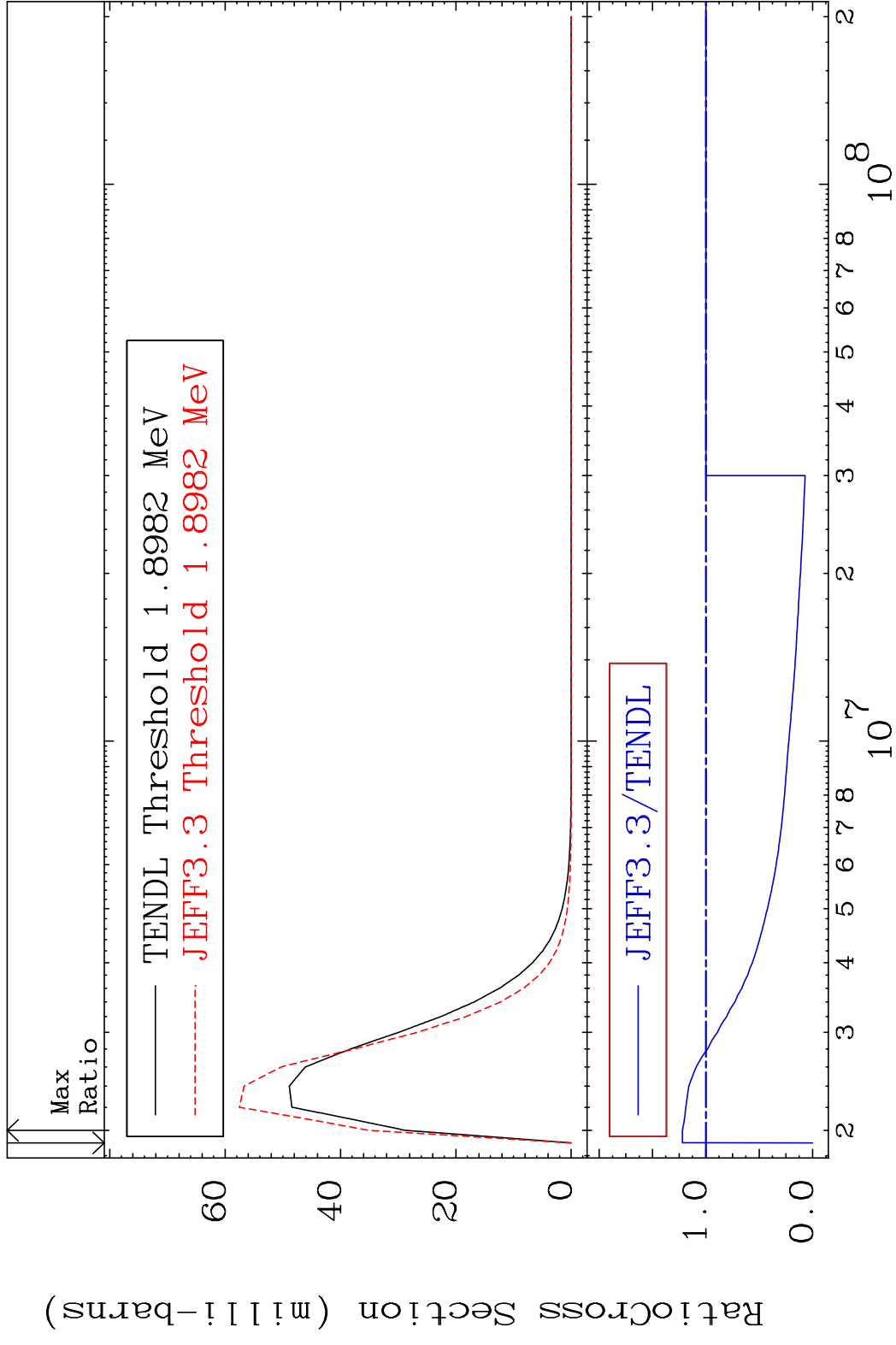
MAT 5237 MT= 54 (n,n') Level 52-Te-124
 Cross Section -18.54 To 22.08 %



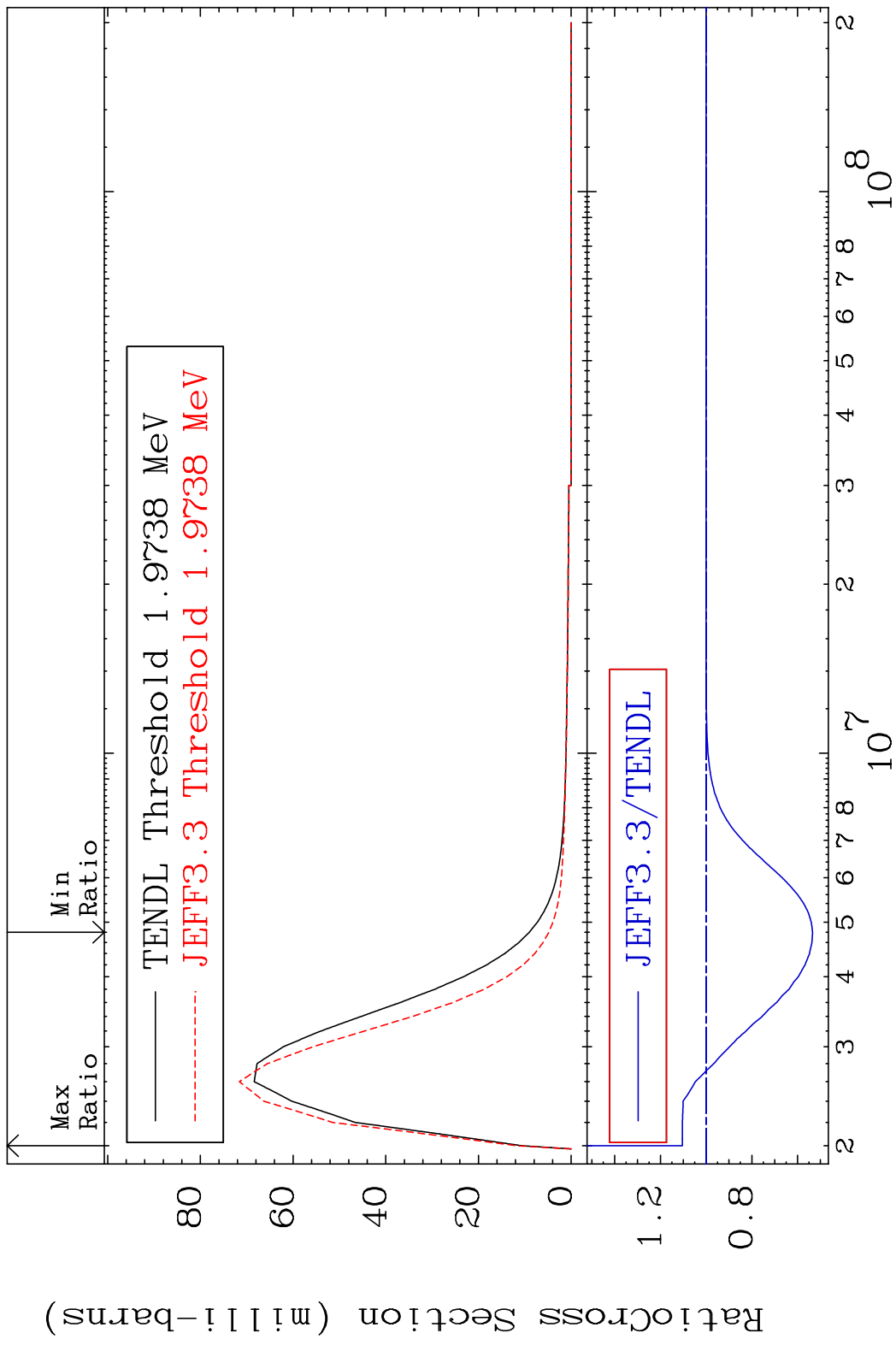
MAT 5237 MT= 55 (n,n') Level 52-Te-124
 Cross Section -100.0 To 18.36 %



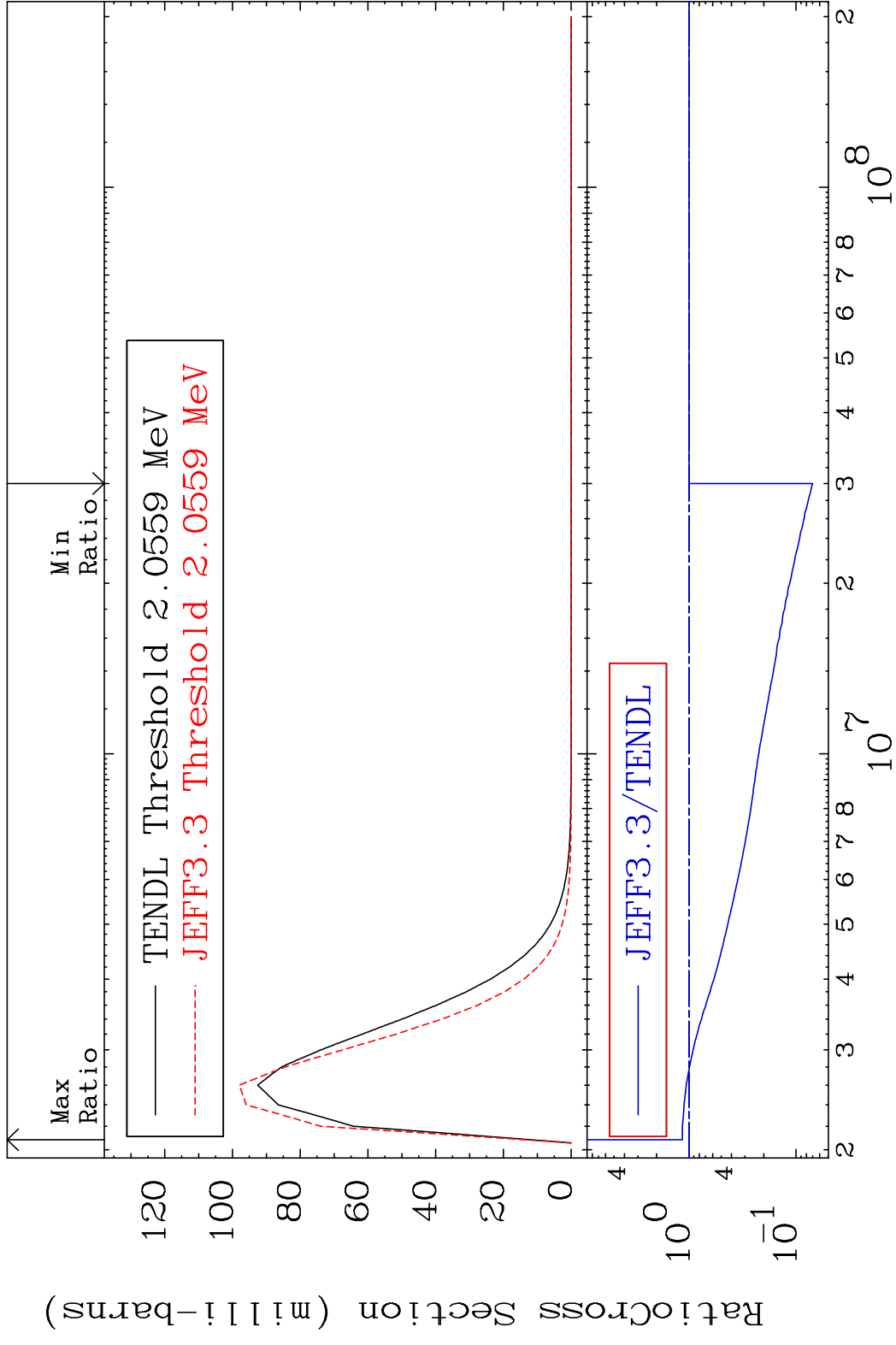
MAT 5237 MT= 56 (n,n') Level 52-Te-124
 Cross Section -100.0 To 22.03 %



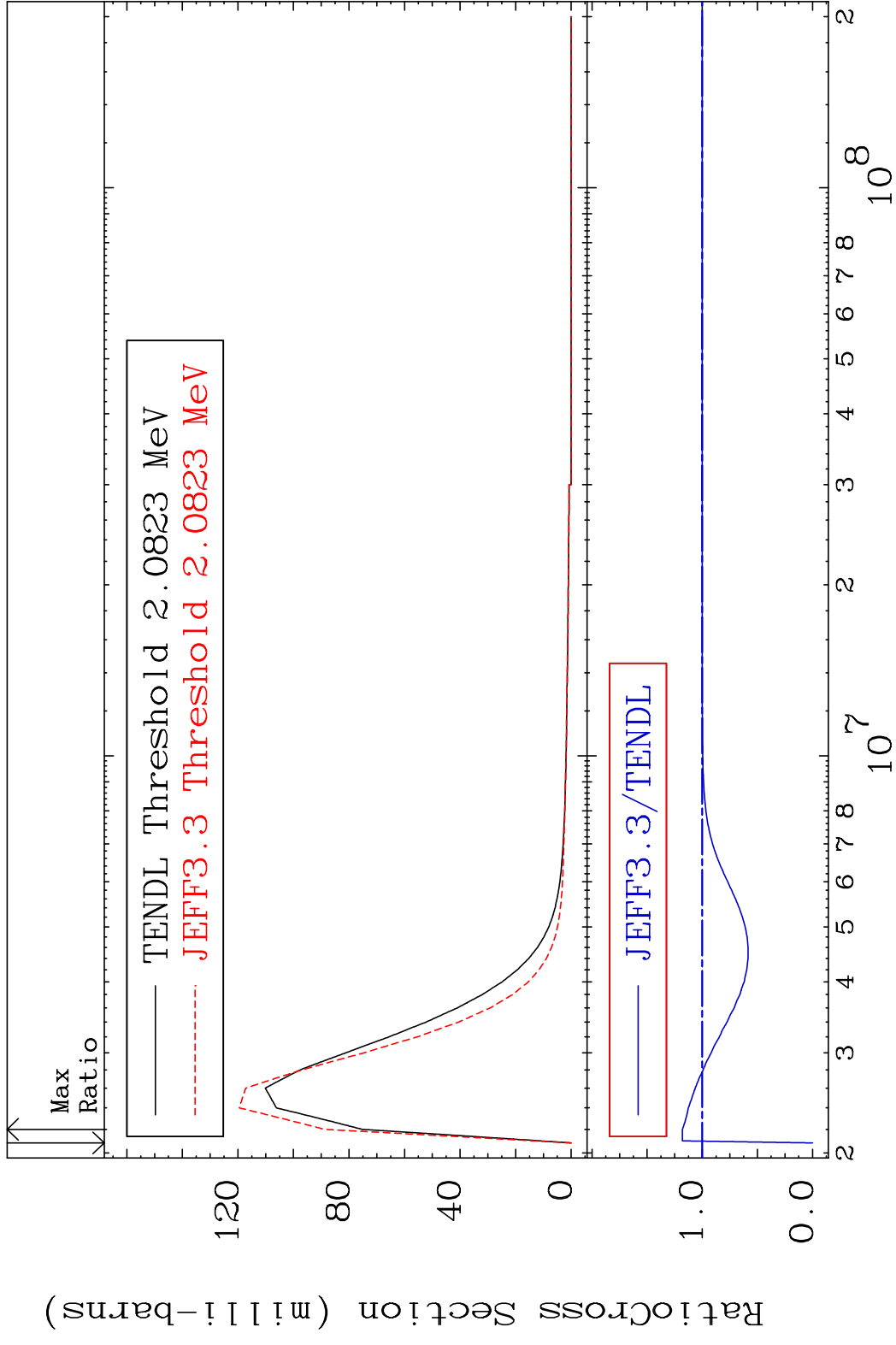
MAT 5237 MT= 57 (n,n') Level 52-Te-124
 Cross Section -46.56 To 10.41 %



MAT 5237 MT= 58 (n, n') Level 52-Te-124
 Cross Section -93.00 To 15.13 %



MAT 5237 MT= 59 (n,n') Level 52-Te-124
 Cross Section -100.0 To 18.07 %

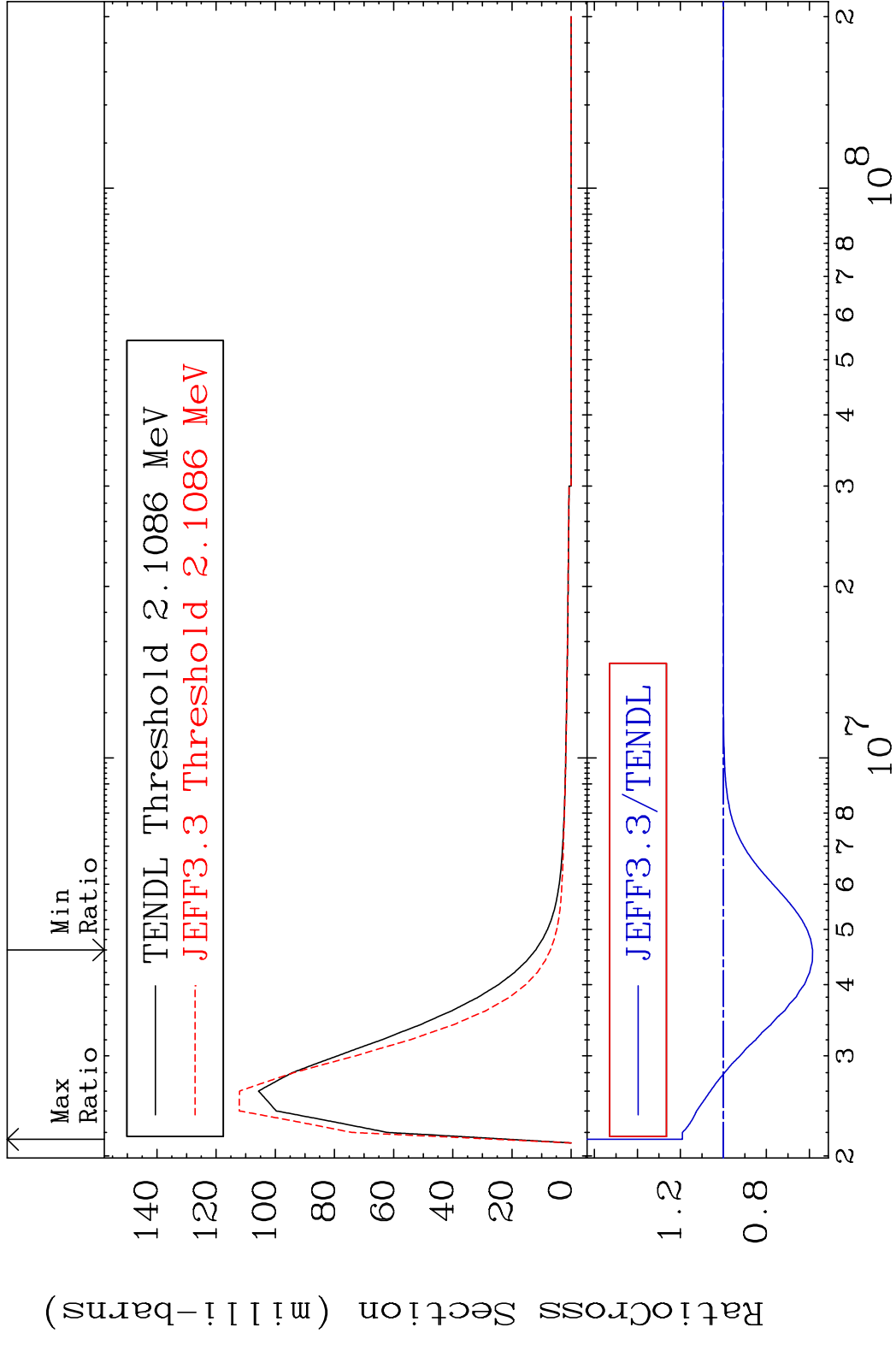


MAT 5237

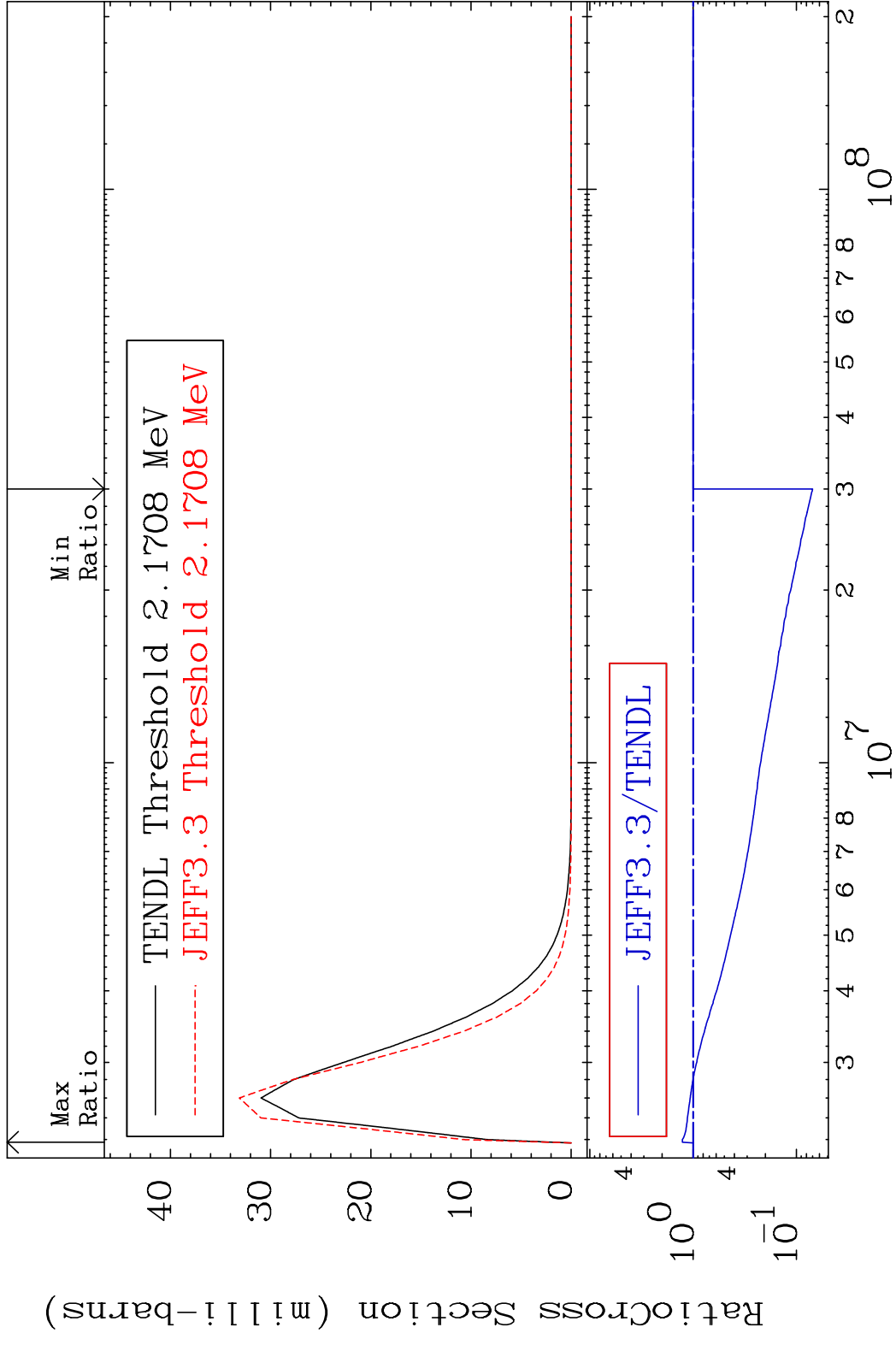
MT= 60 (n, n') Level

52-Te-124

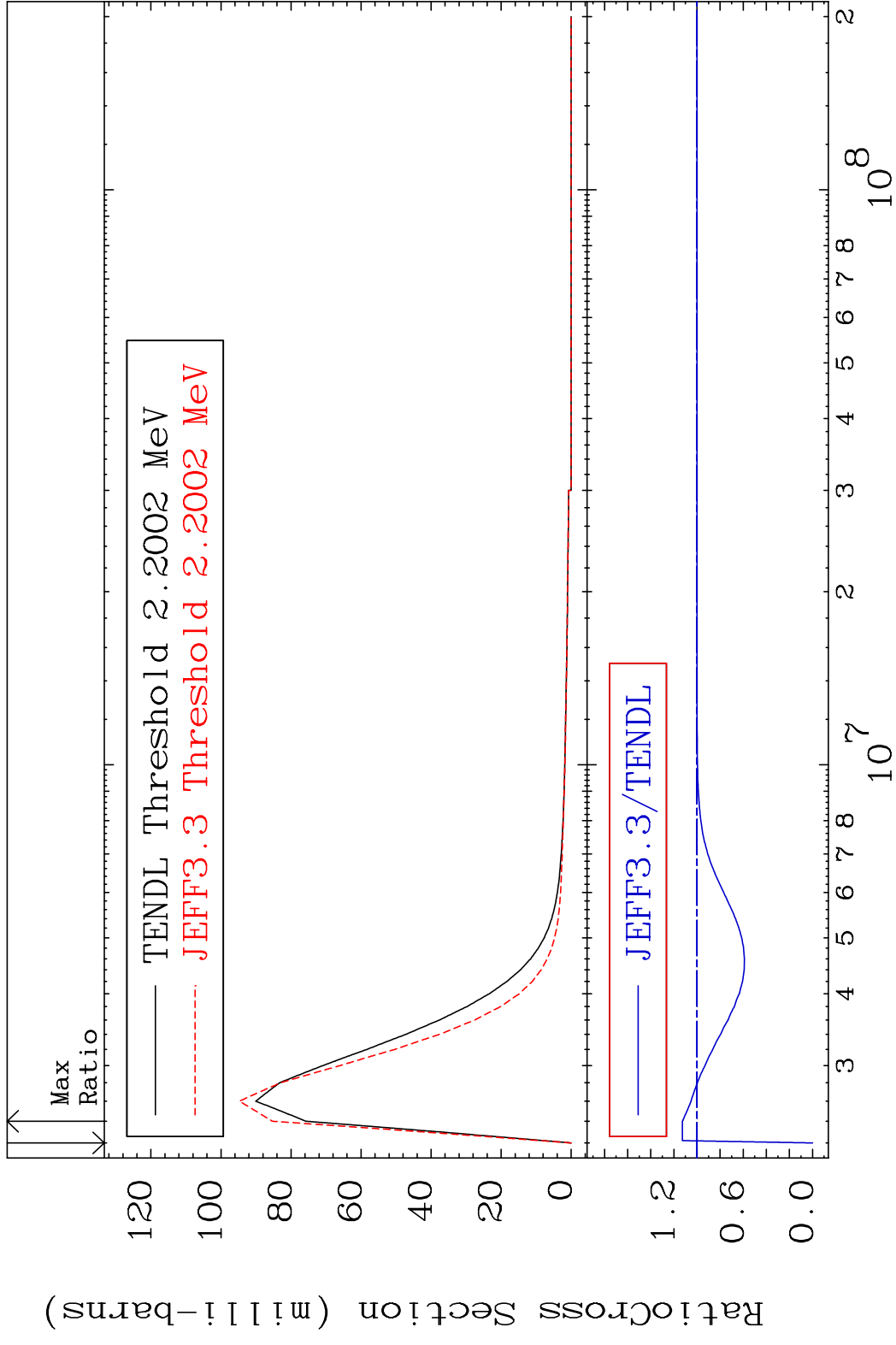
Cross Section -41.47 To 19.11 %



MAT 5237 MT= 61 (n, n') Level 52-Te-124
 Cross Section -93.01 To 27.33 %

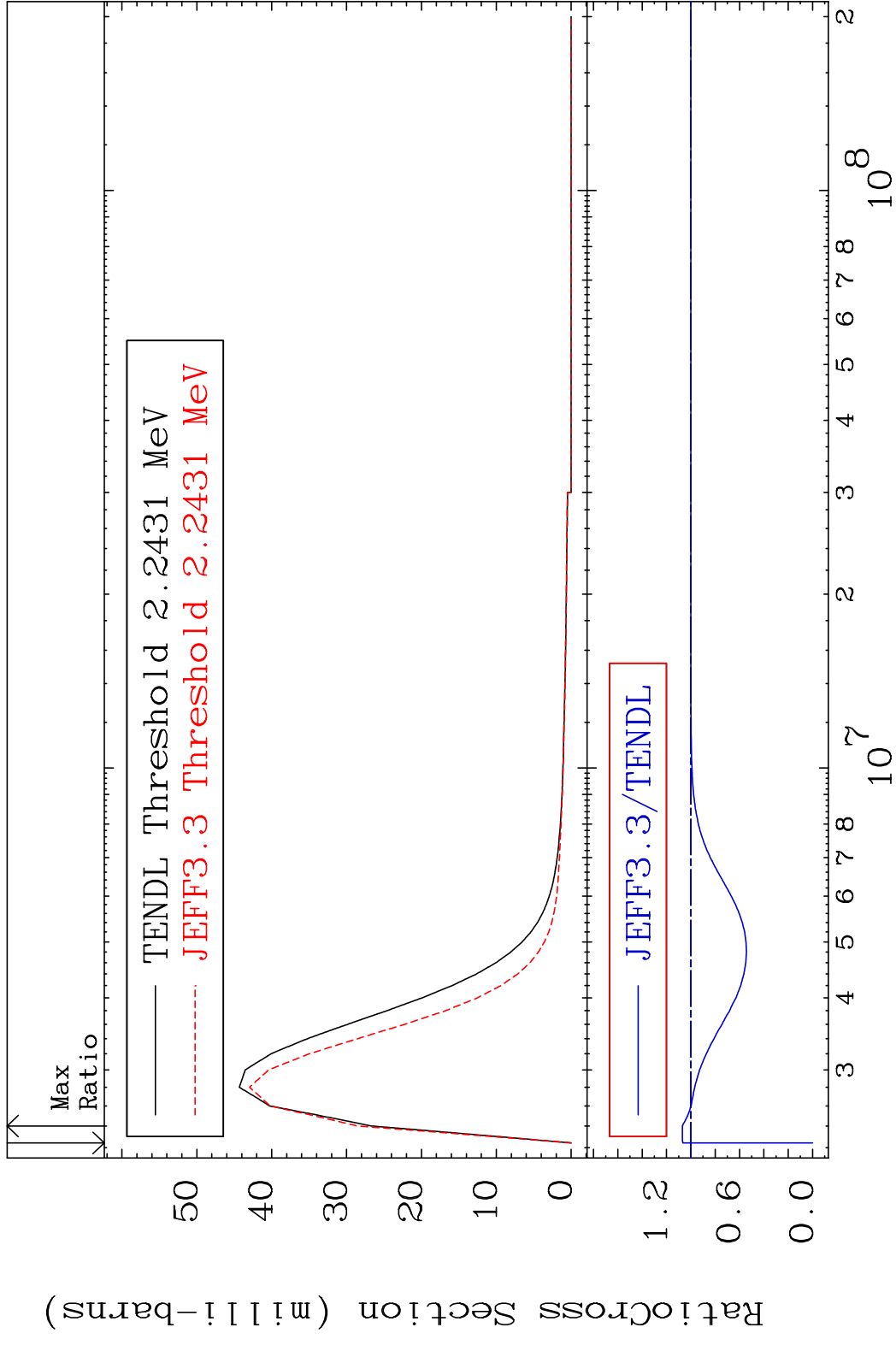


MAT 5237 MT= 62 (n, n') Level 52-Te-124
 Cross Section -100.0 To 12.65 %

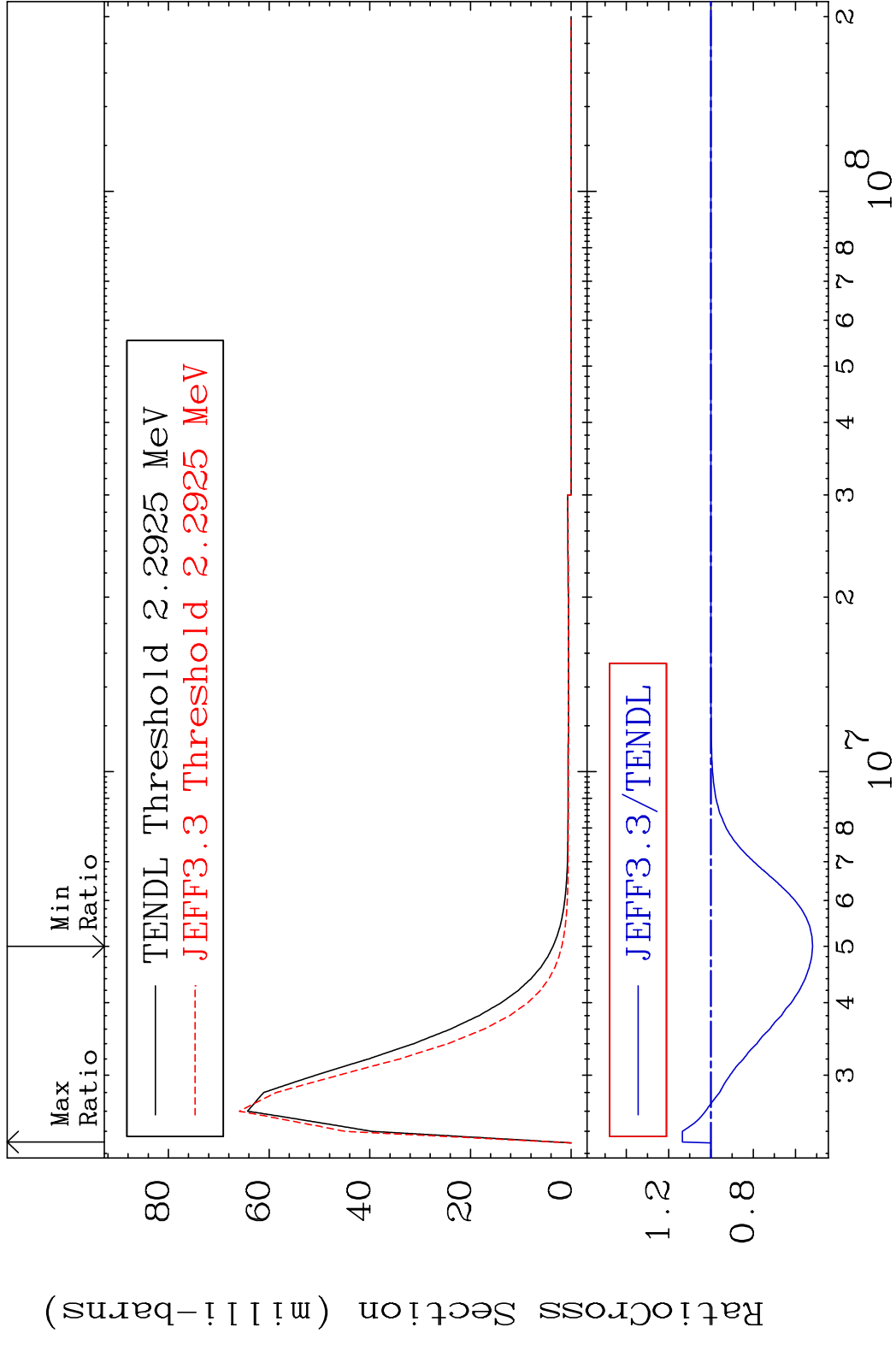


30 Incident Energy (eV) 52-Te-124

MAT 5237 MT= 63 (n, n') Level 52-Te-124
 Cross Section -100.0 To 6.982 %



MAT 5237 MT= 64 (n,n') Level 52-Te-124
 Cross Section -48.06 To 13.50 %

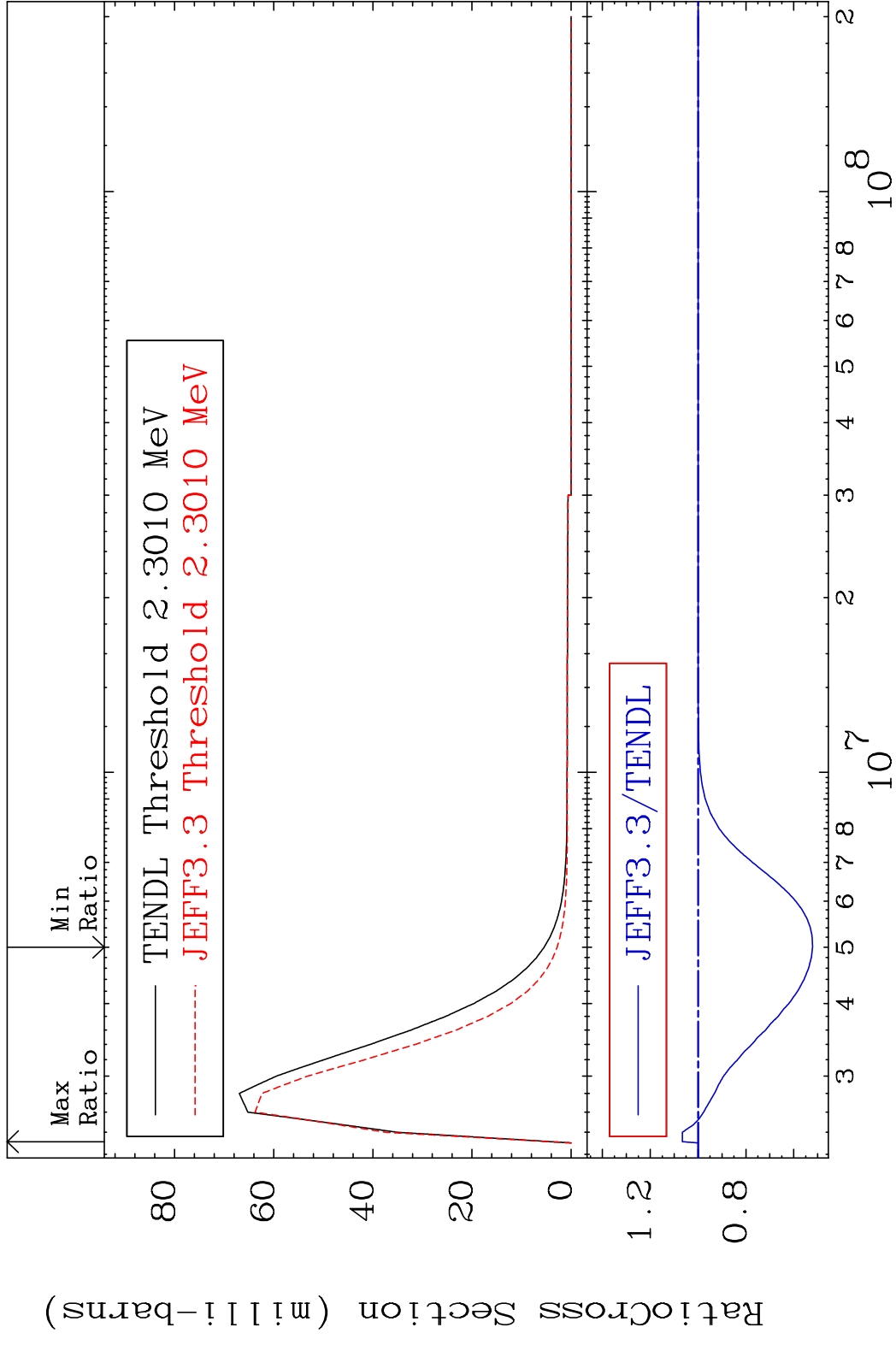


MAT 5237

MT= 65 (n, n') Level

52-Te-124

Cross Section -47.86 To 6.579 %

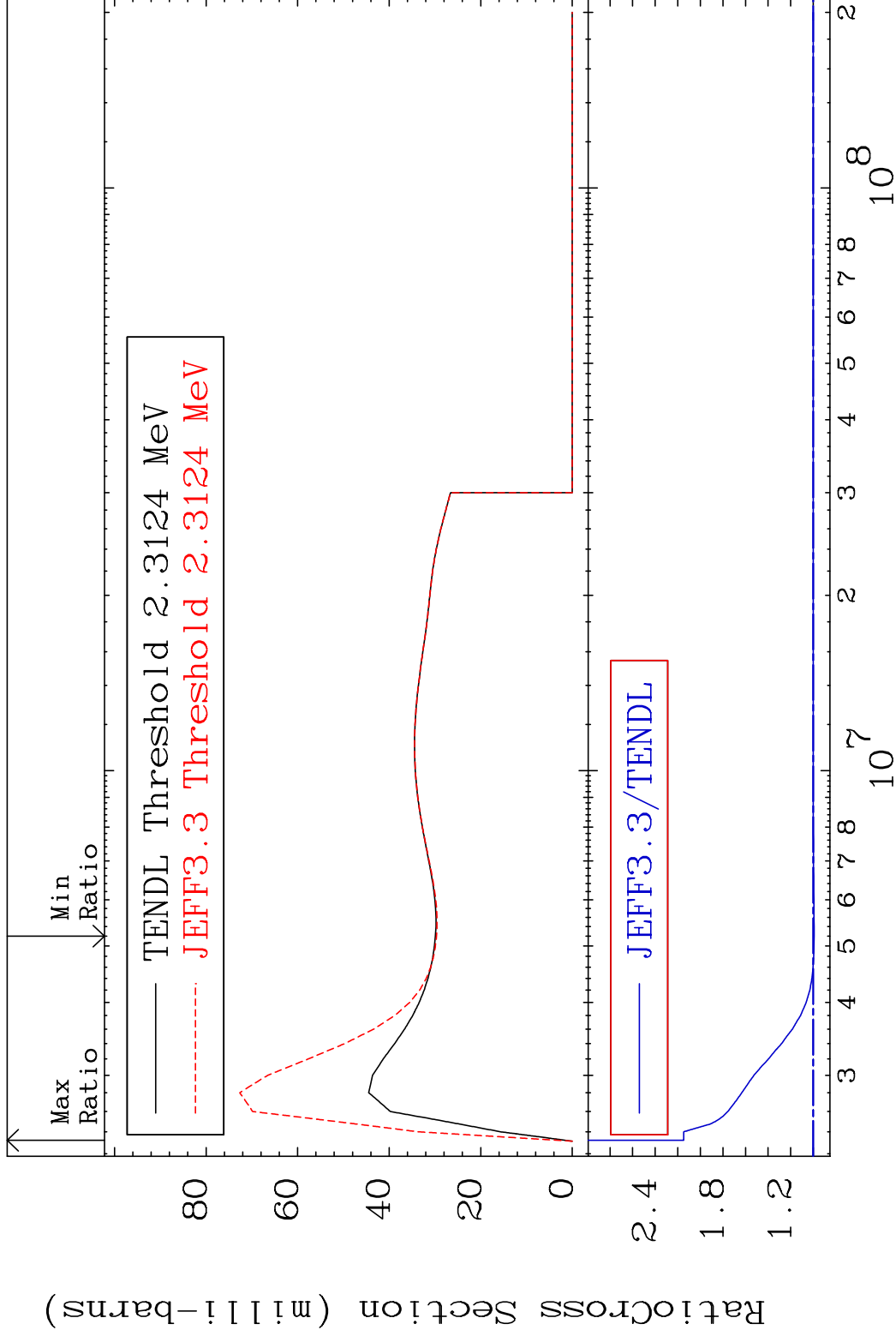


MAT 5237

MT= 66 (n,n') Level

52-Te-124

Cross Section -0.773 To 114.8 %

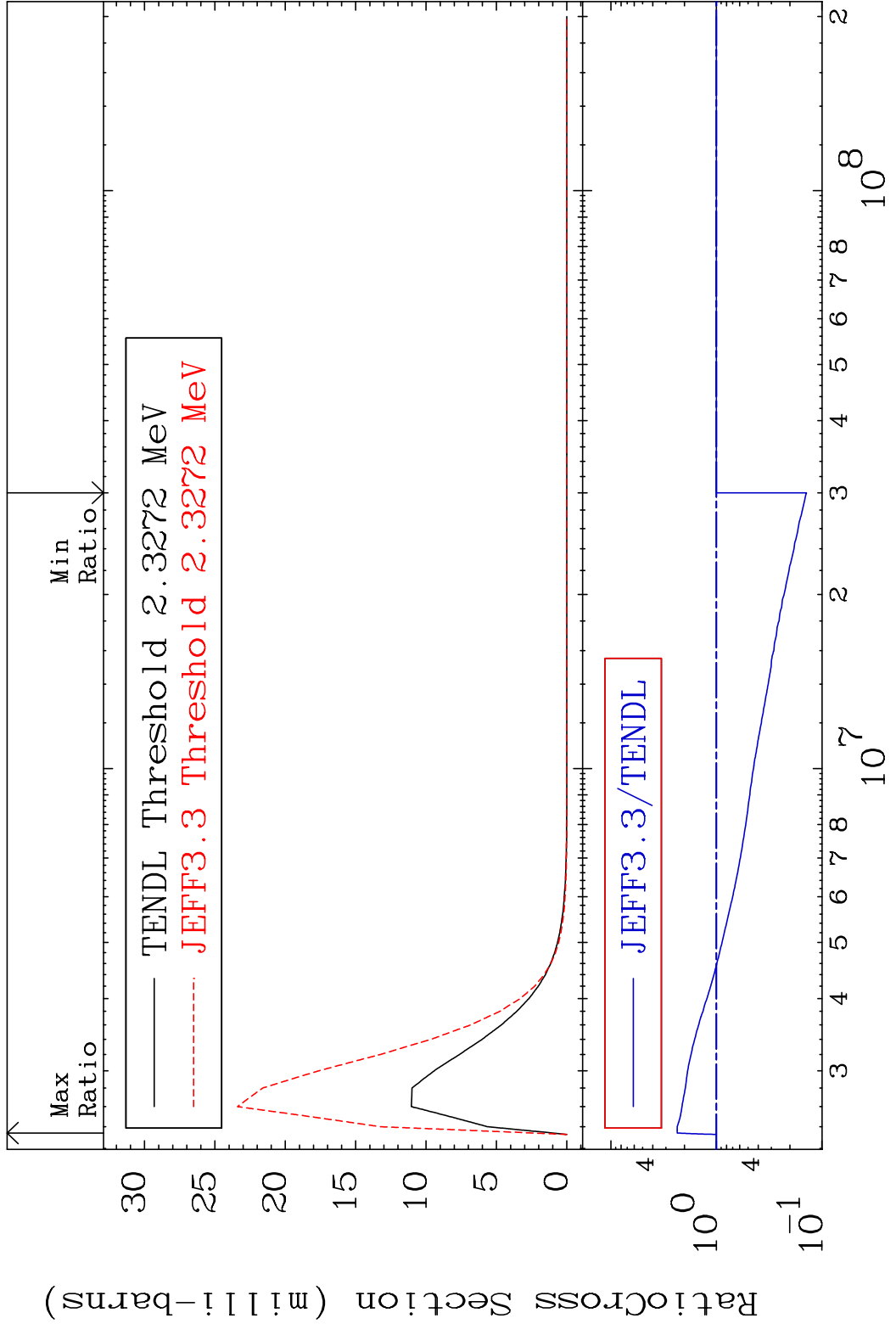


34

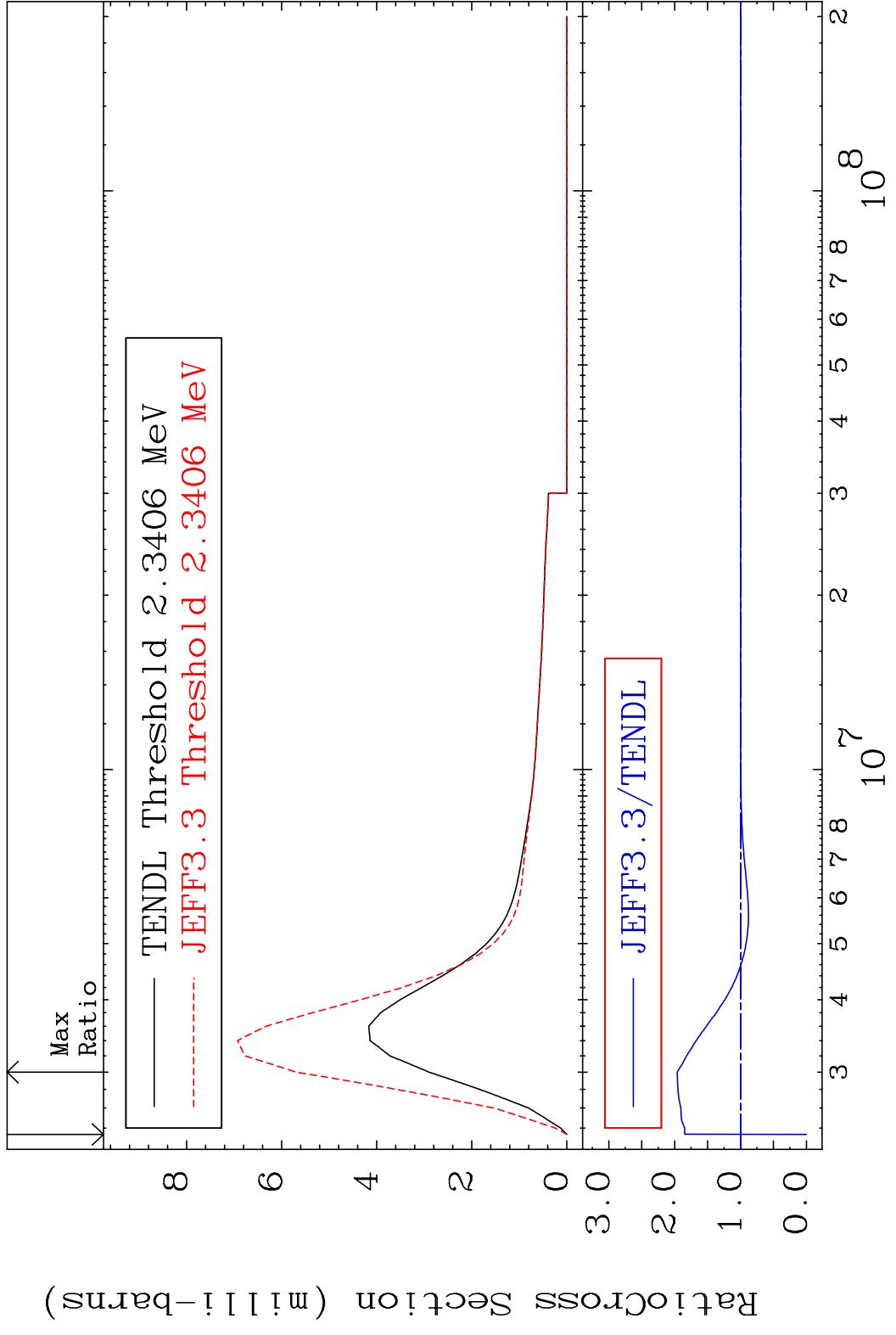
Incident Energy (eV)

52-Te-124

MAT 5237 MT= 67 (n, n') Level 52-Te-124
 Cross Section -86.02 To 134.9 %



MAT 5237 MT= 68 (n,n') Level 52-Te-124
 Cross Section -100.0 To 96.14 %

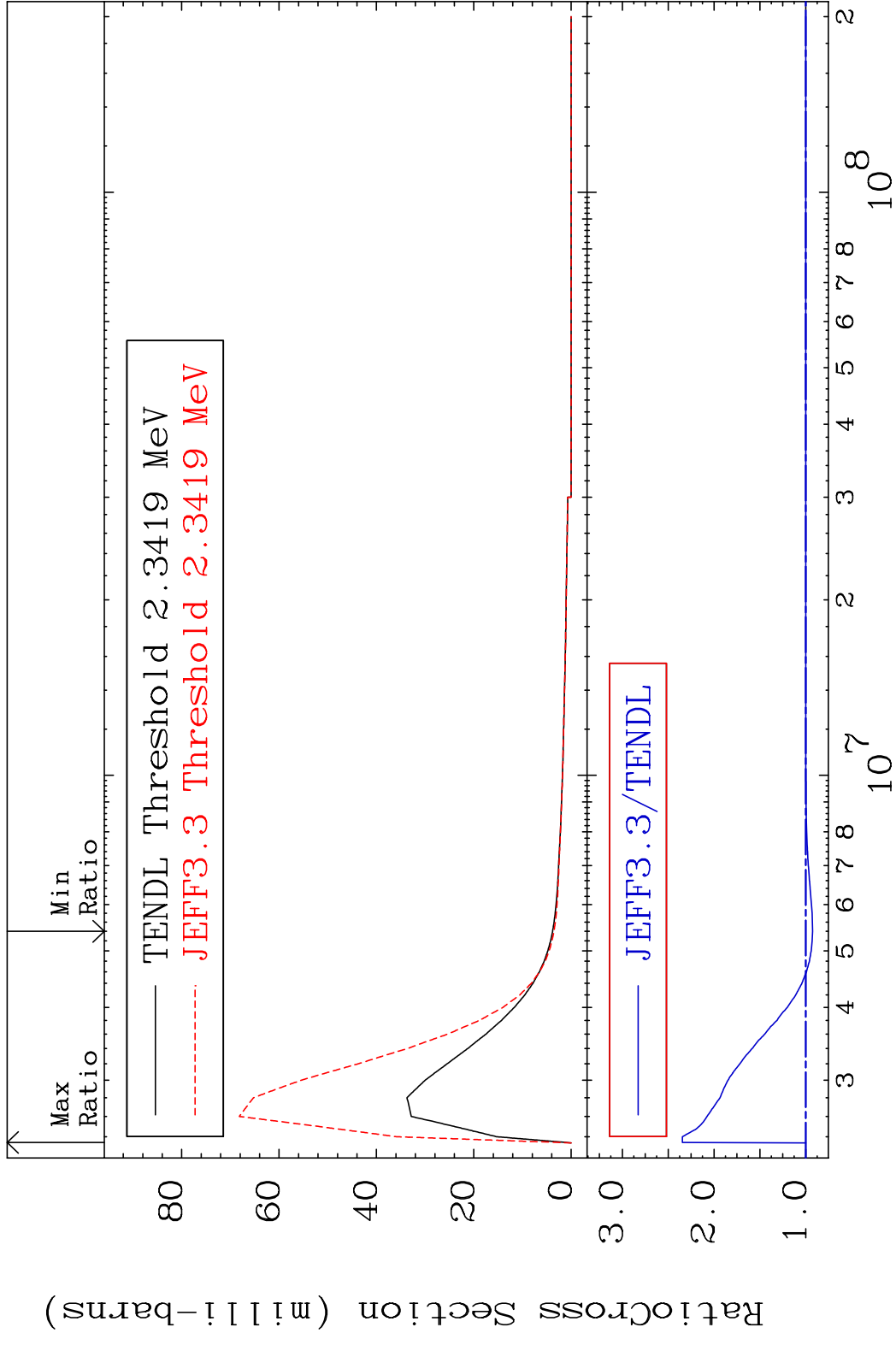


MAT 5237

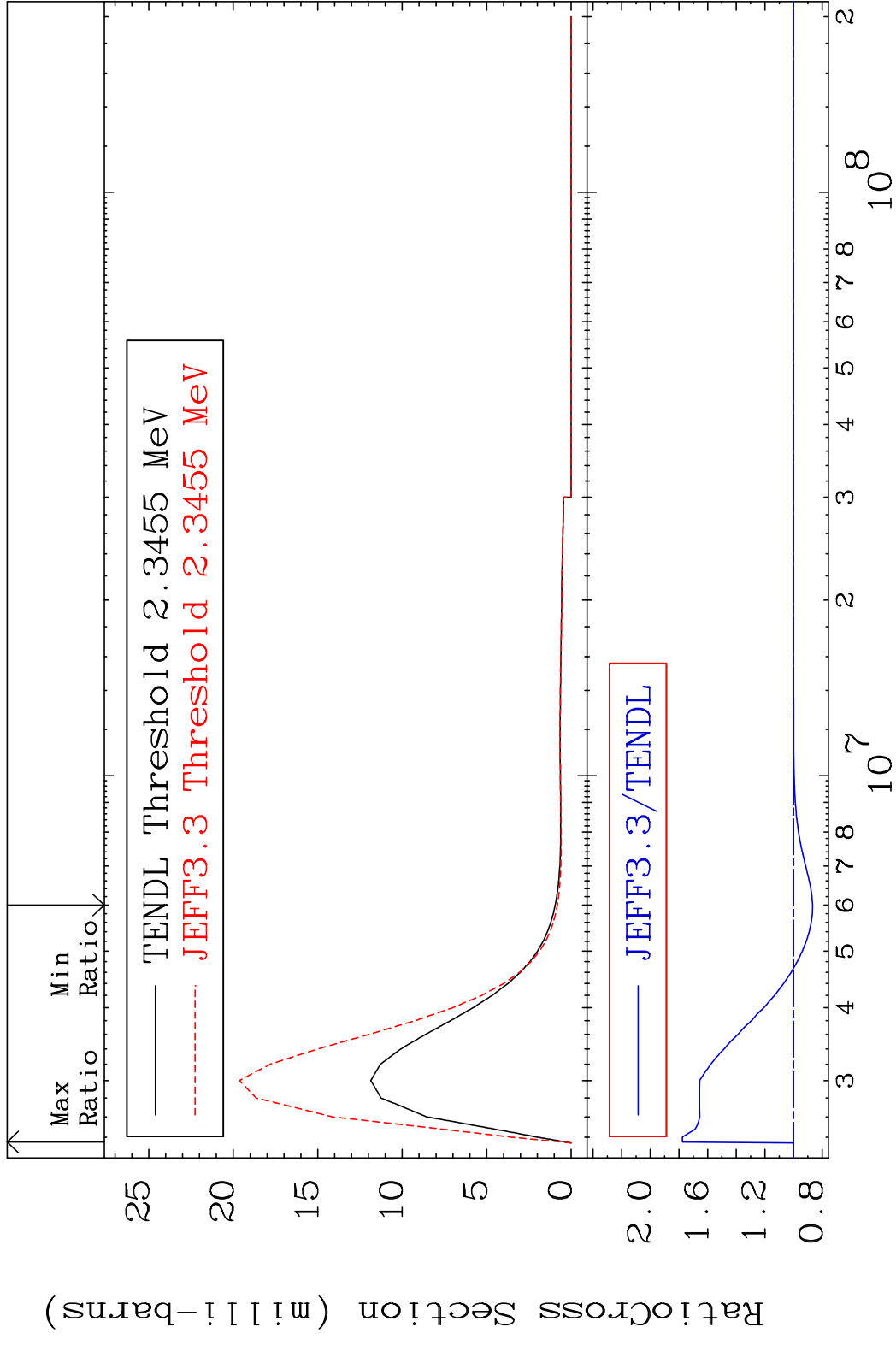
MT= 69 (n, n') Level

52-Te-124

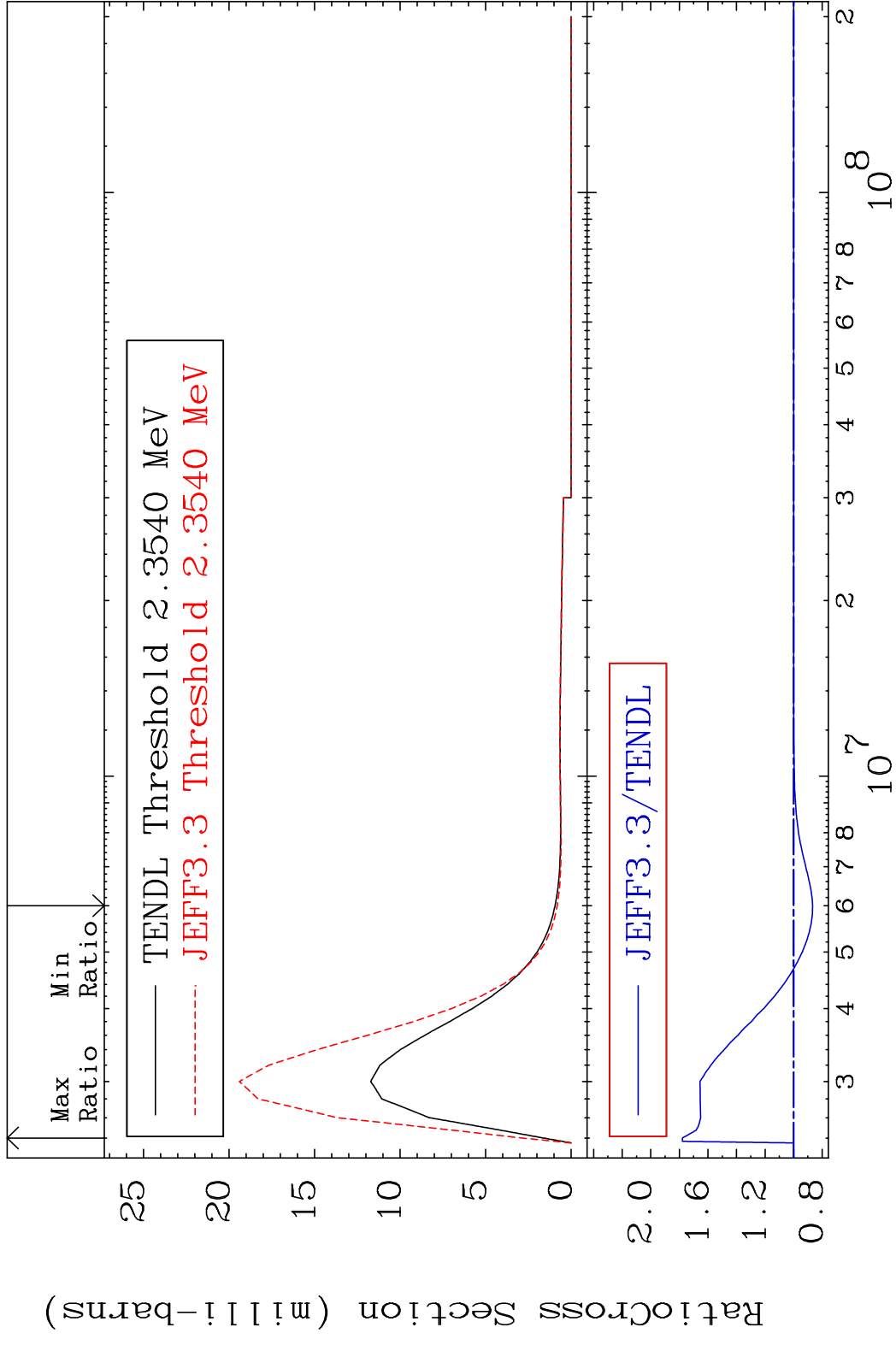
Cross Section -7.474 To 134.5 %



MAT 5237 MT= 70 (n, n') Level 52-Te-124
 Cross Section -13.27 To 77.63 %



MAT 5237 MT= 71 (n,n') Level 52-Te-124
 Cross Section -13.24 To 77.89 %

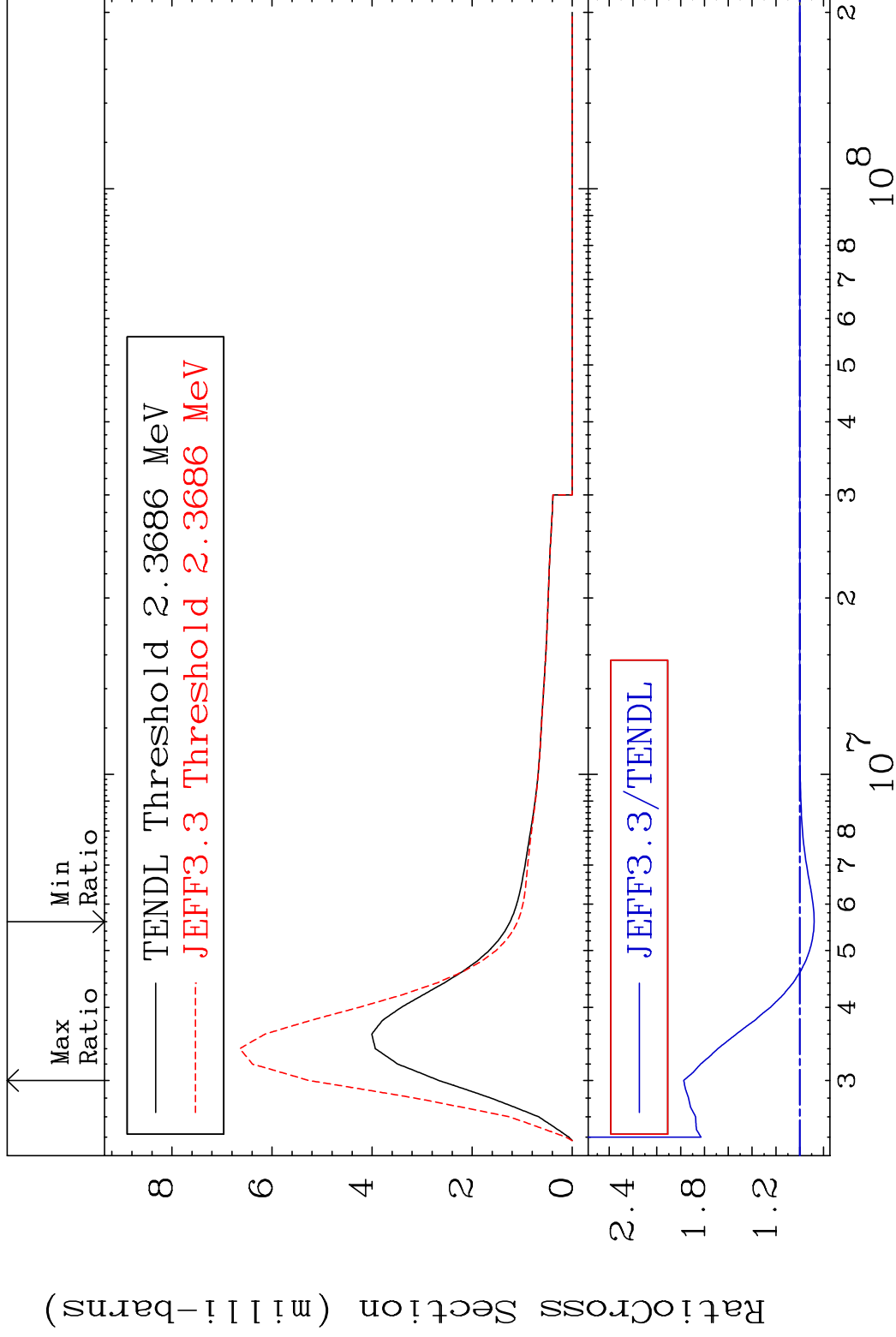


MAT 5237

MT= 72 (n, n') Level

52-Te-124

Cross Section -12.06 To 97.47 %

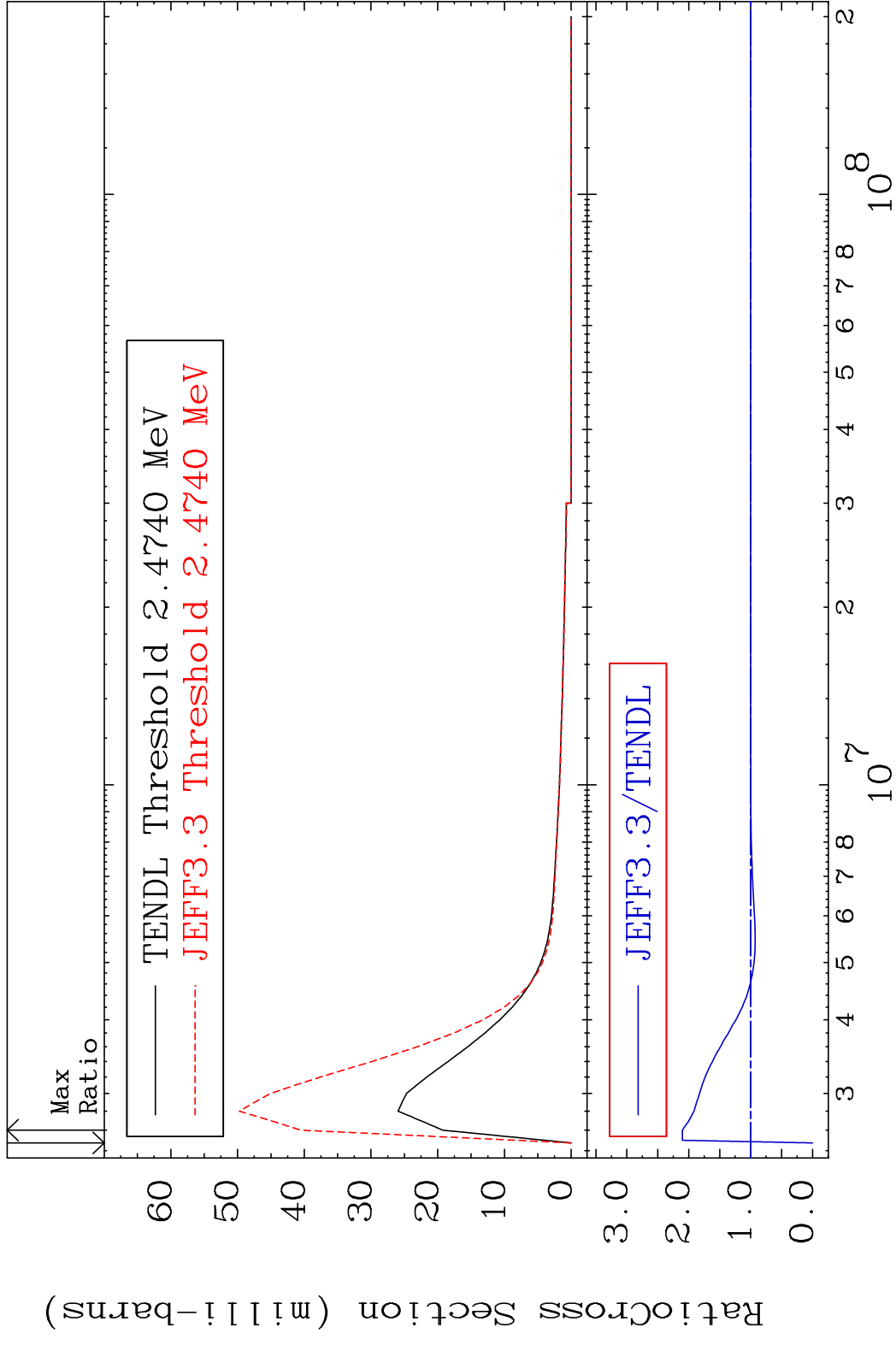


40

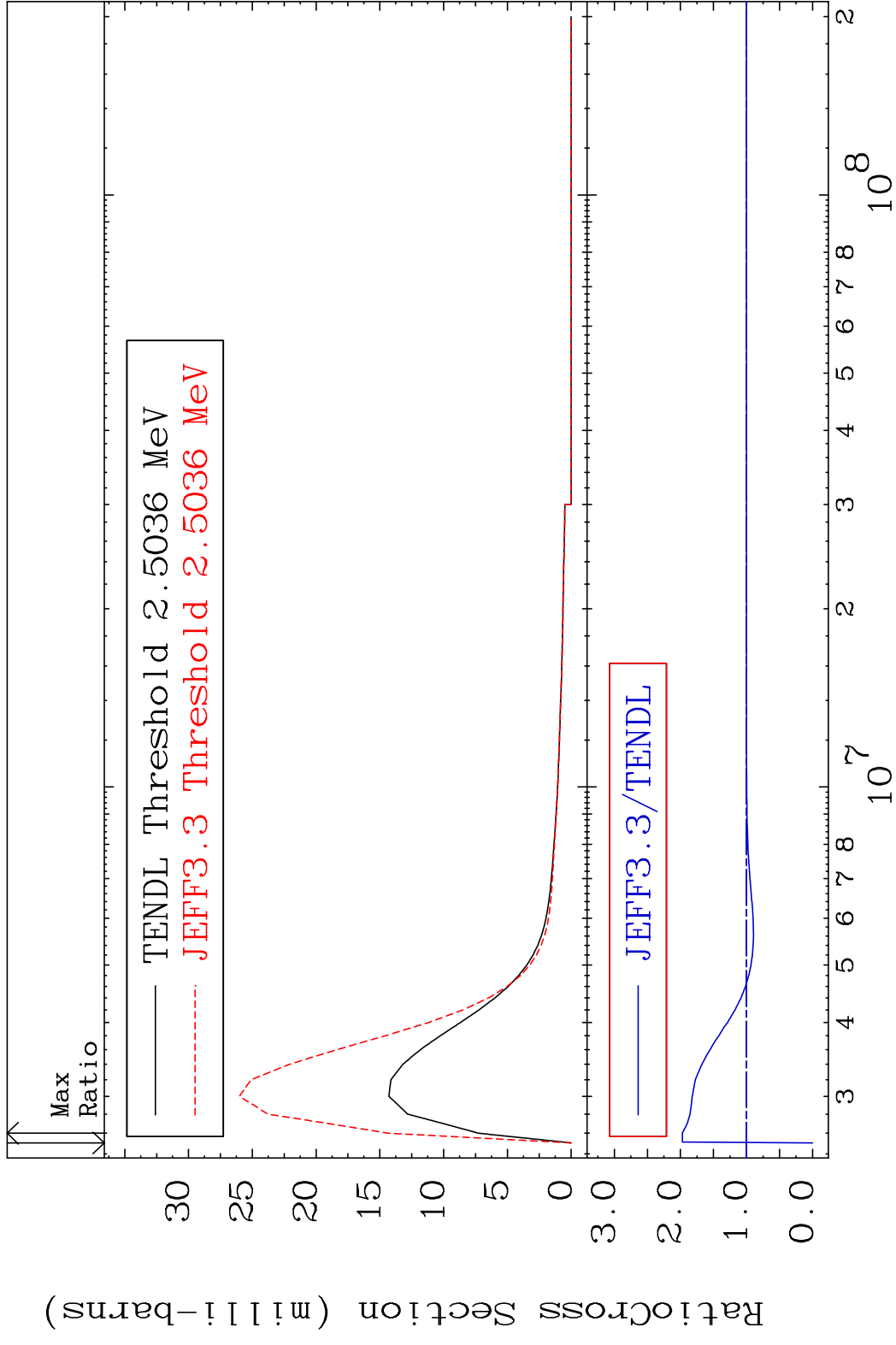
Incident Energy (eV)

52-Te-124

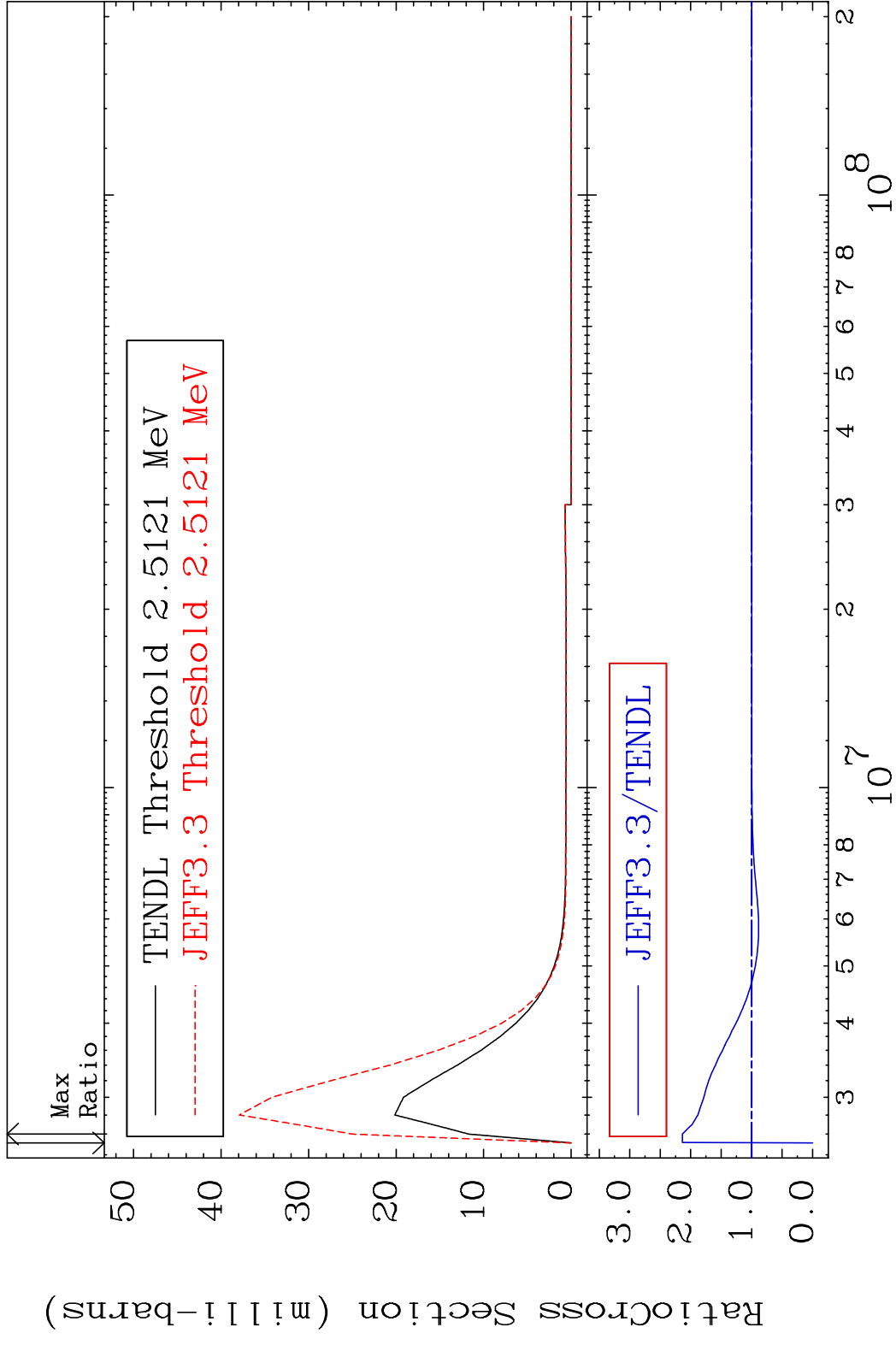
MAT 5237 MT= 73 (n, n') Level 52-Te-124
 Cross Section -100.0 To 110.3 %



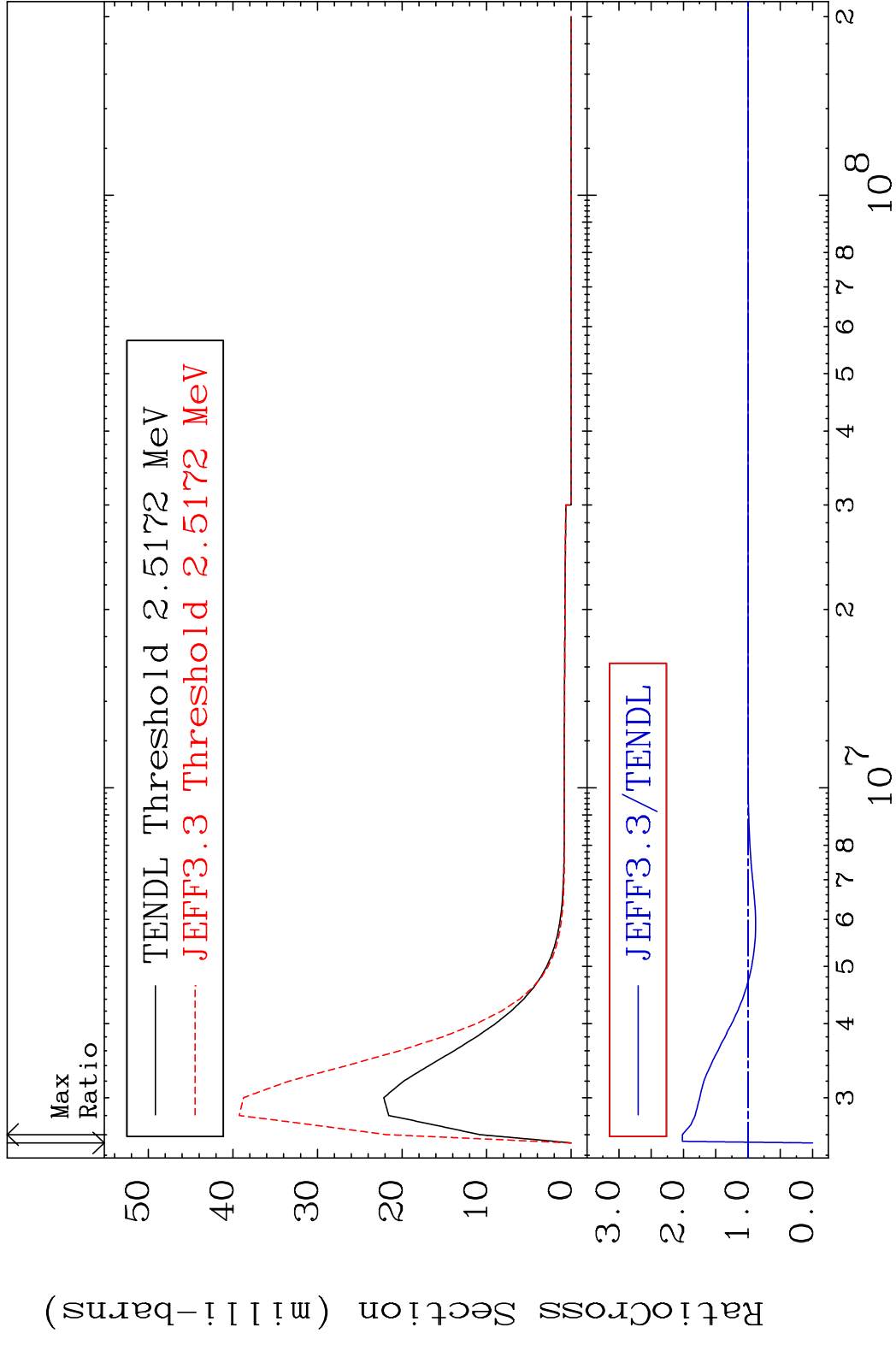
MAT 5237 MT= 74 (n,n') Level 52-Te-124
 Cross Section -100.0 To 97.11 %



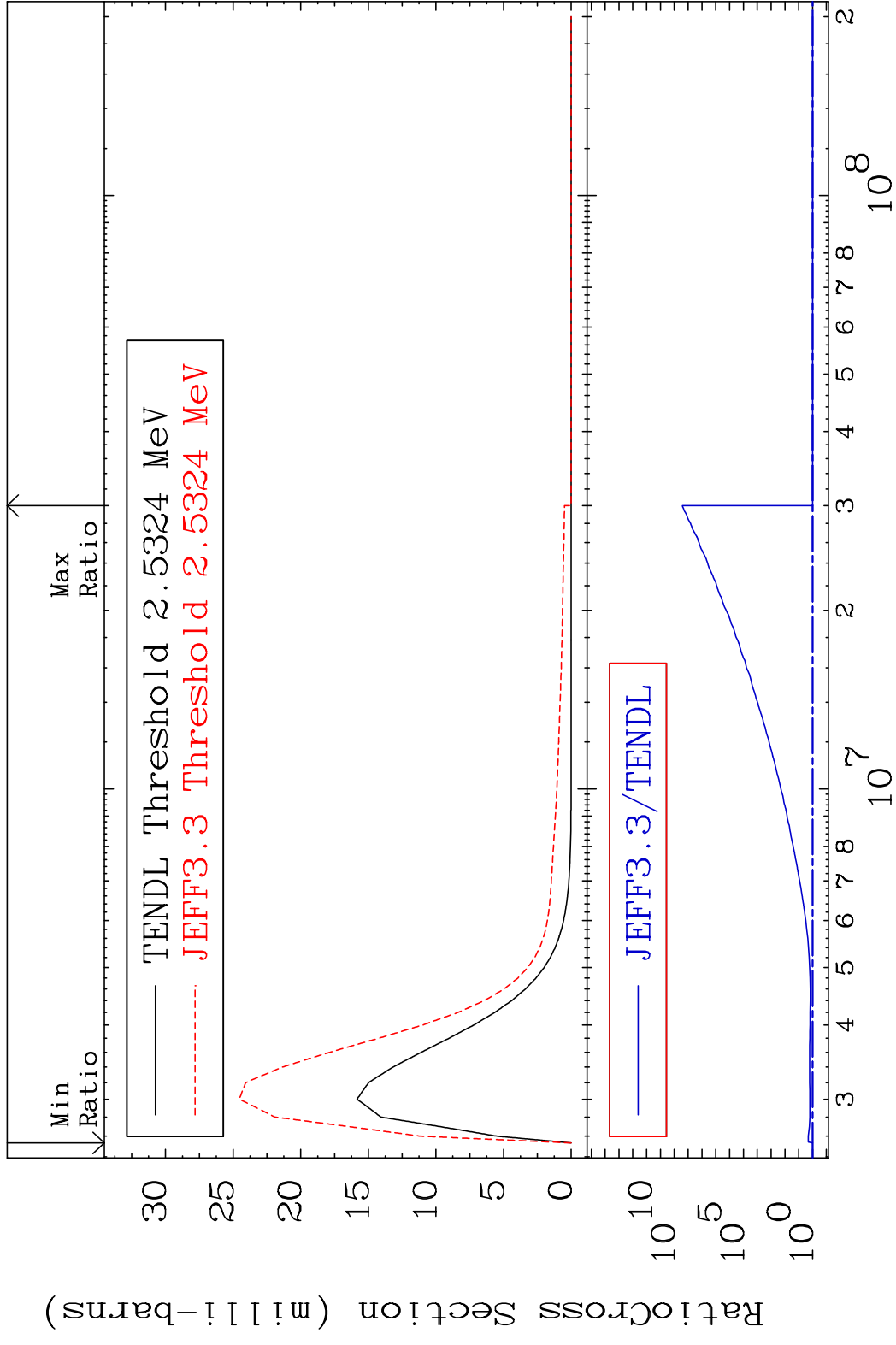
MAT 5237 MT= 75 (n, n') Level 52-Te-124
 Cross Section -100.0 To 113.7 %



MAT 5237 MT= 76 (n,n') Level 52-Te-124
 Cross Section -100.0 To 101.7 %

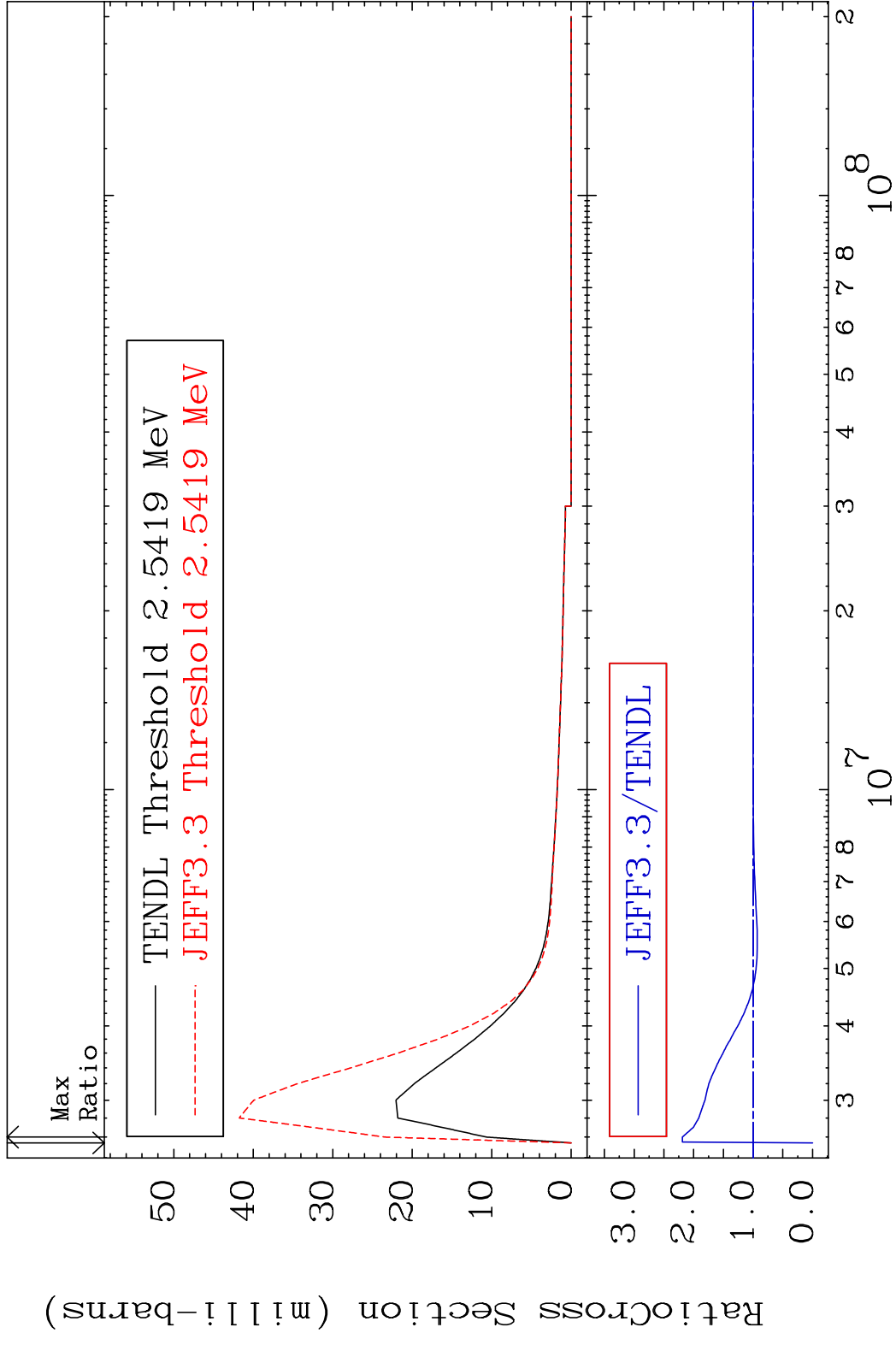


MAT 5237 MT= 77 (n,n') Level 52-Te-124
 Cross Section 0.000 To 9999. %

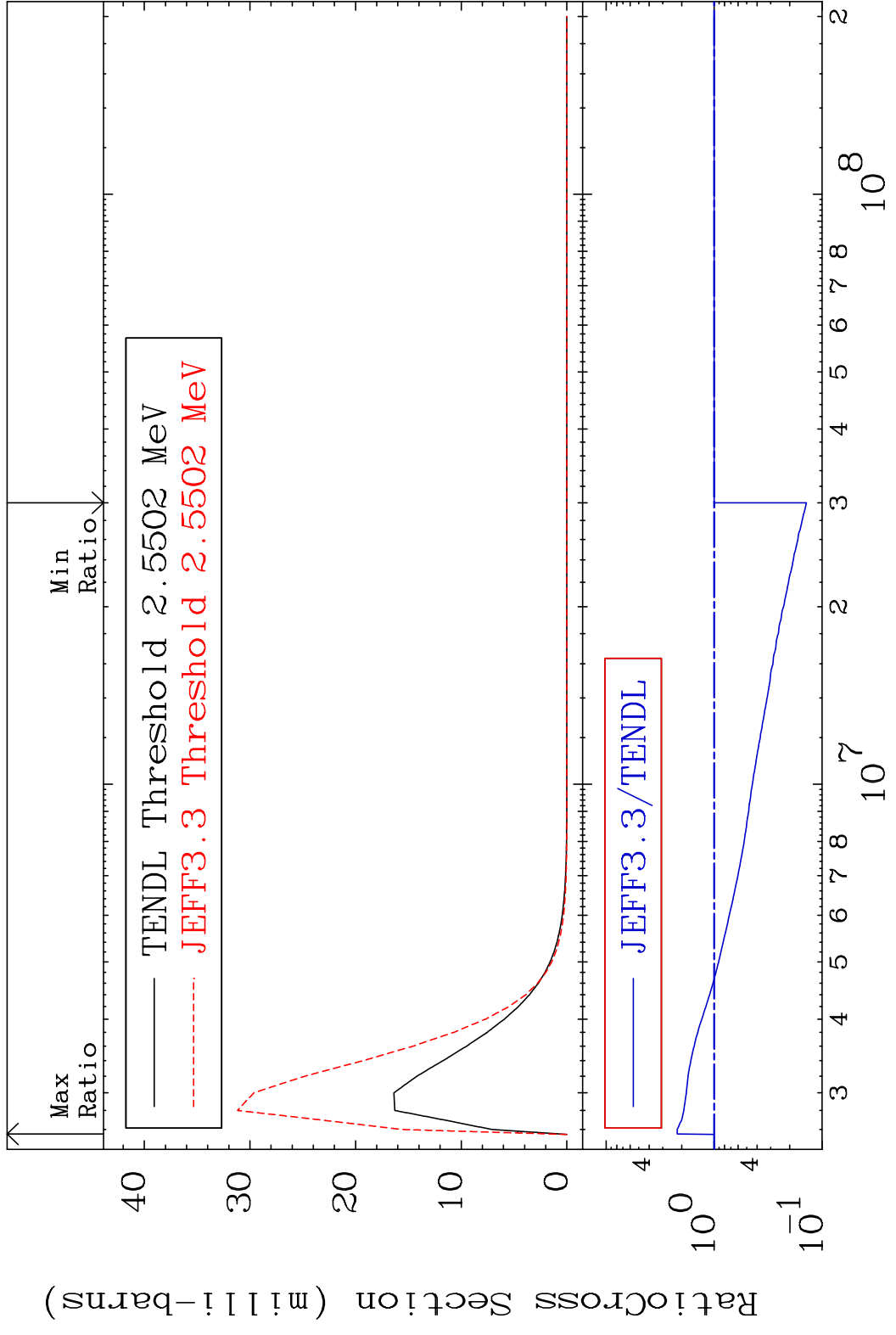


45 Incident Energy (eV) 52-Te-124

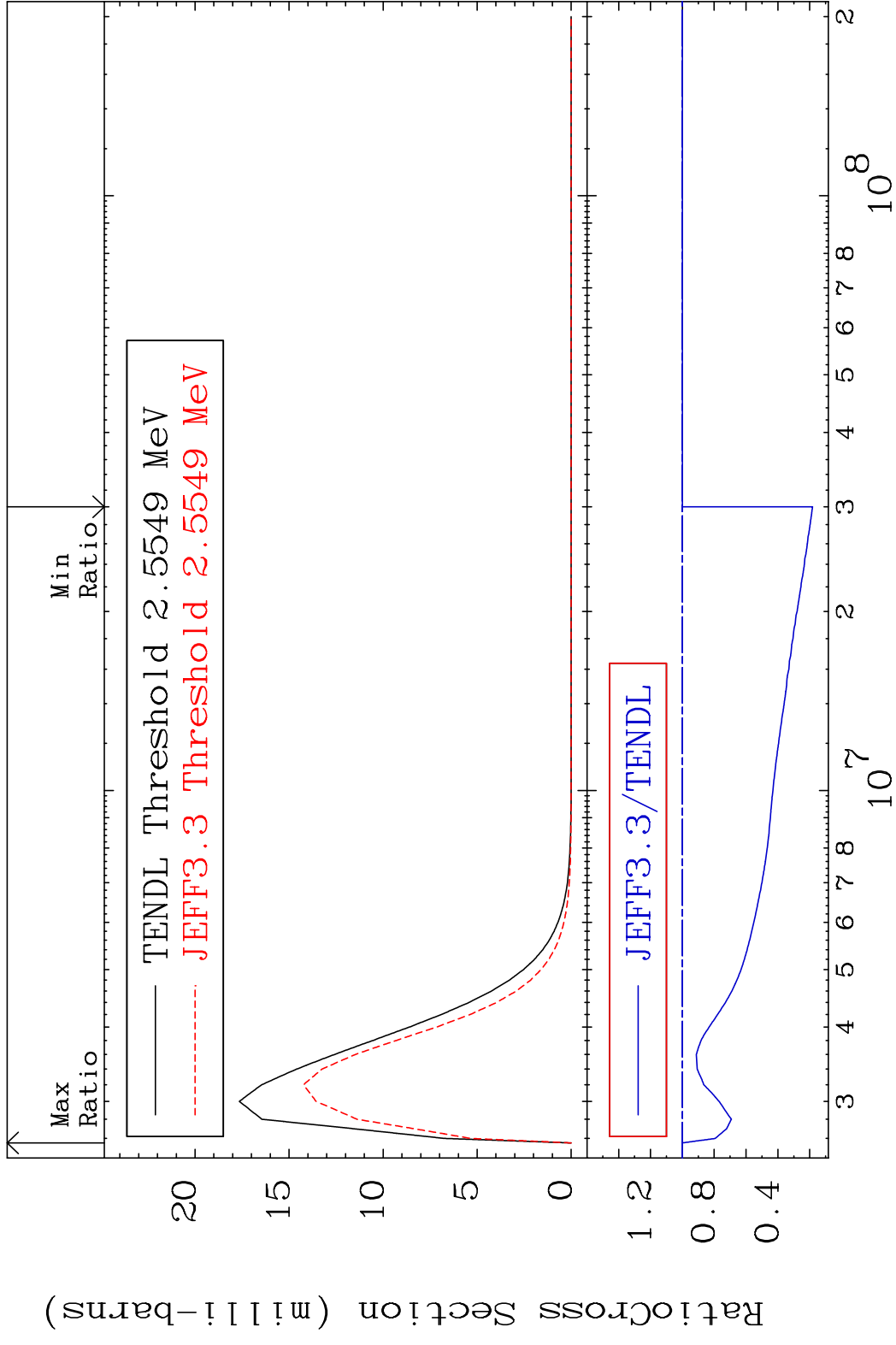
MAT 5237 MT= 78 (n, n') Level 52-Te-124
 Cross Section -100.0 To 119.0 %



MAT 5237 MT= 79 (n, n') Level 52-Te-124
 Cross Section -86.02 To 120.1 %



MAT 5237 MT= 80 (n, n') Level 52-Te-124
 Cross Section -81.77 To 0.000 %

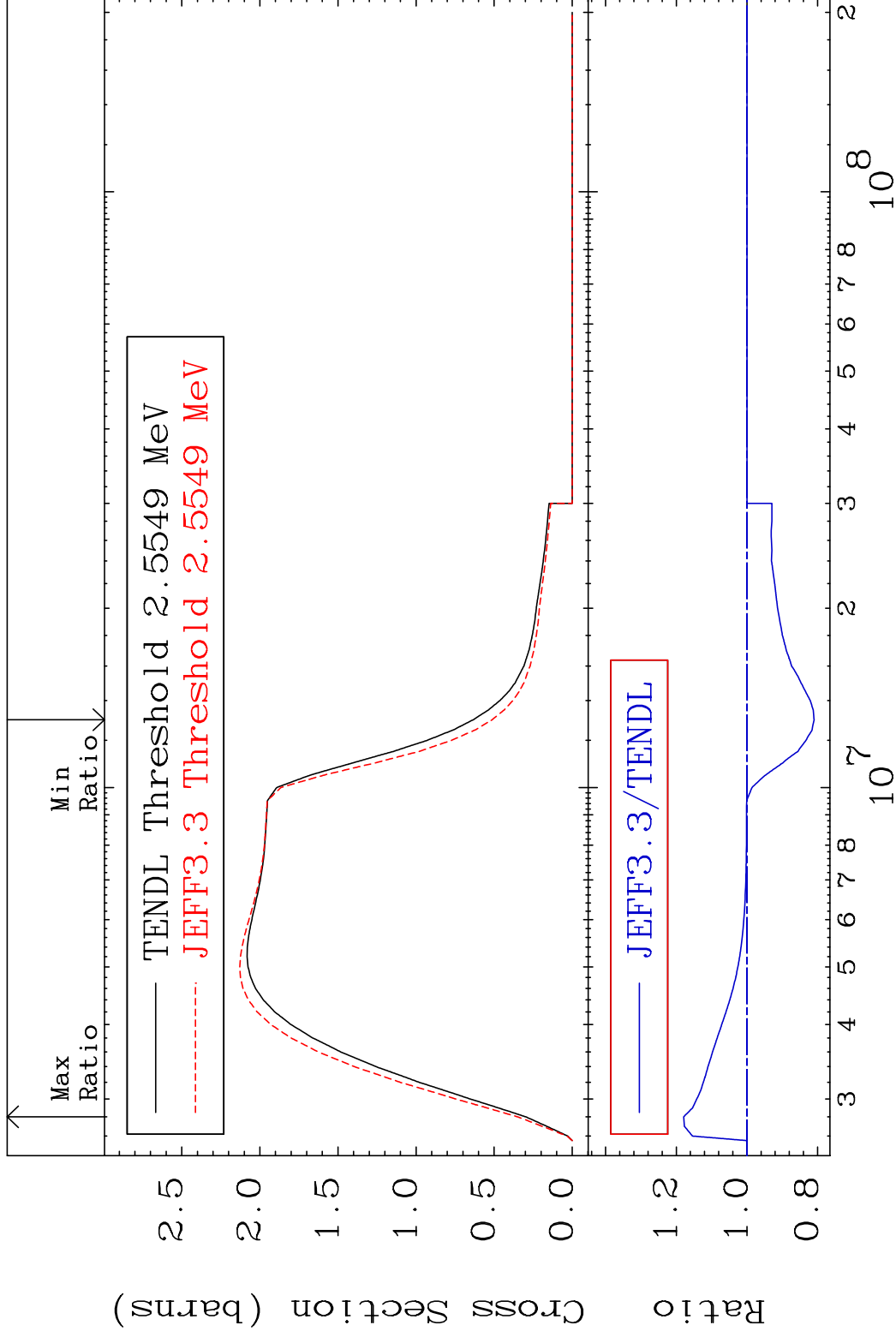


MAT 5237

(n, n') Continuum

52-Te-124

Cross Section -19.02 To 17.92 %



49

Incident Energy (eV)

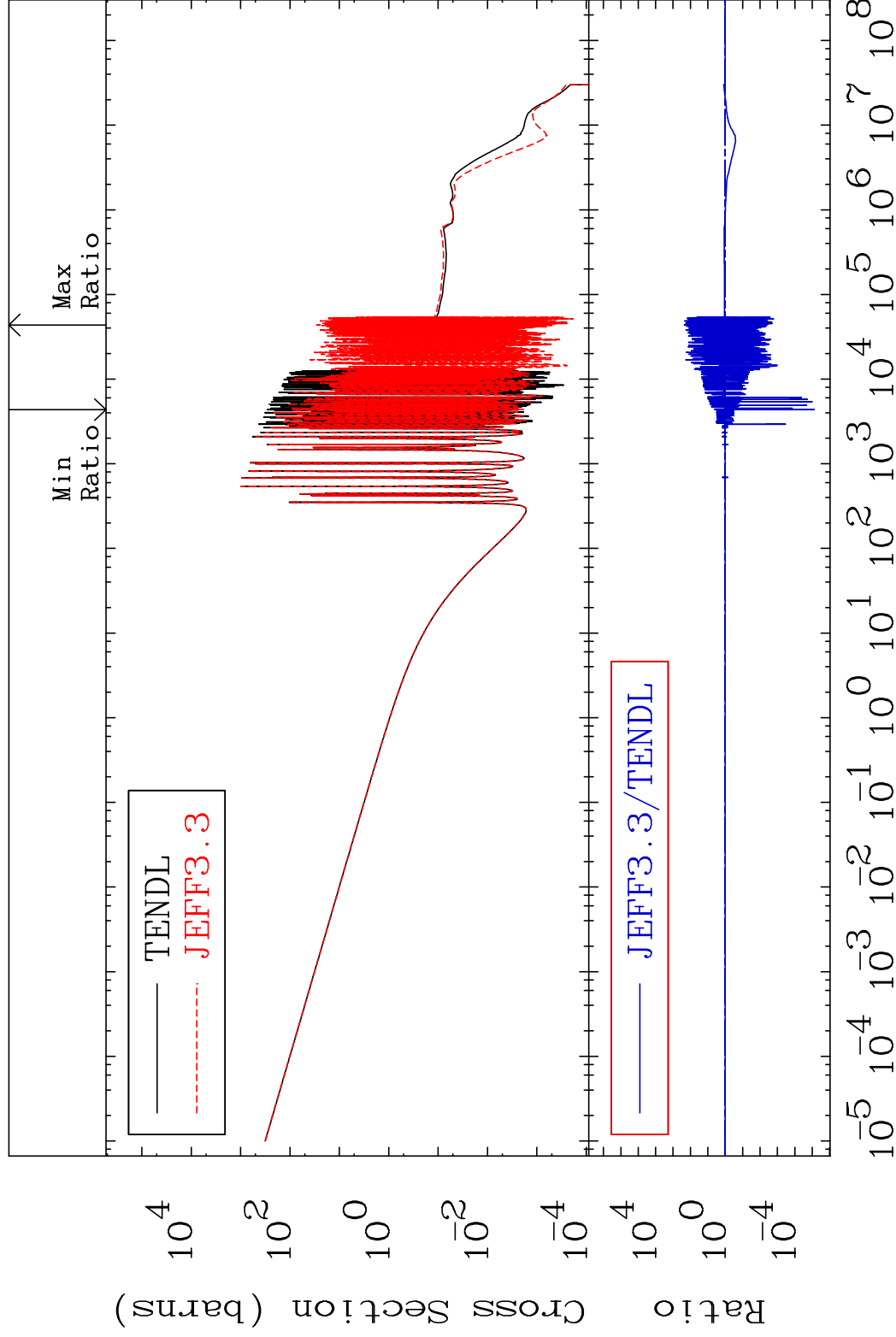
52-Te-124

MAT 5237

(n, γ)

52-Te-124

Cross Section -100.0 To 9999. %



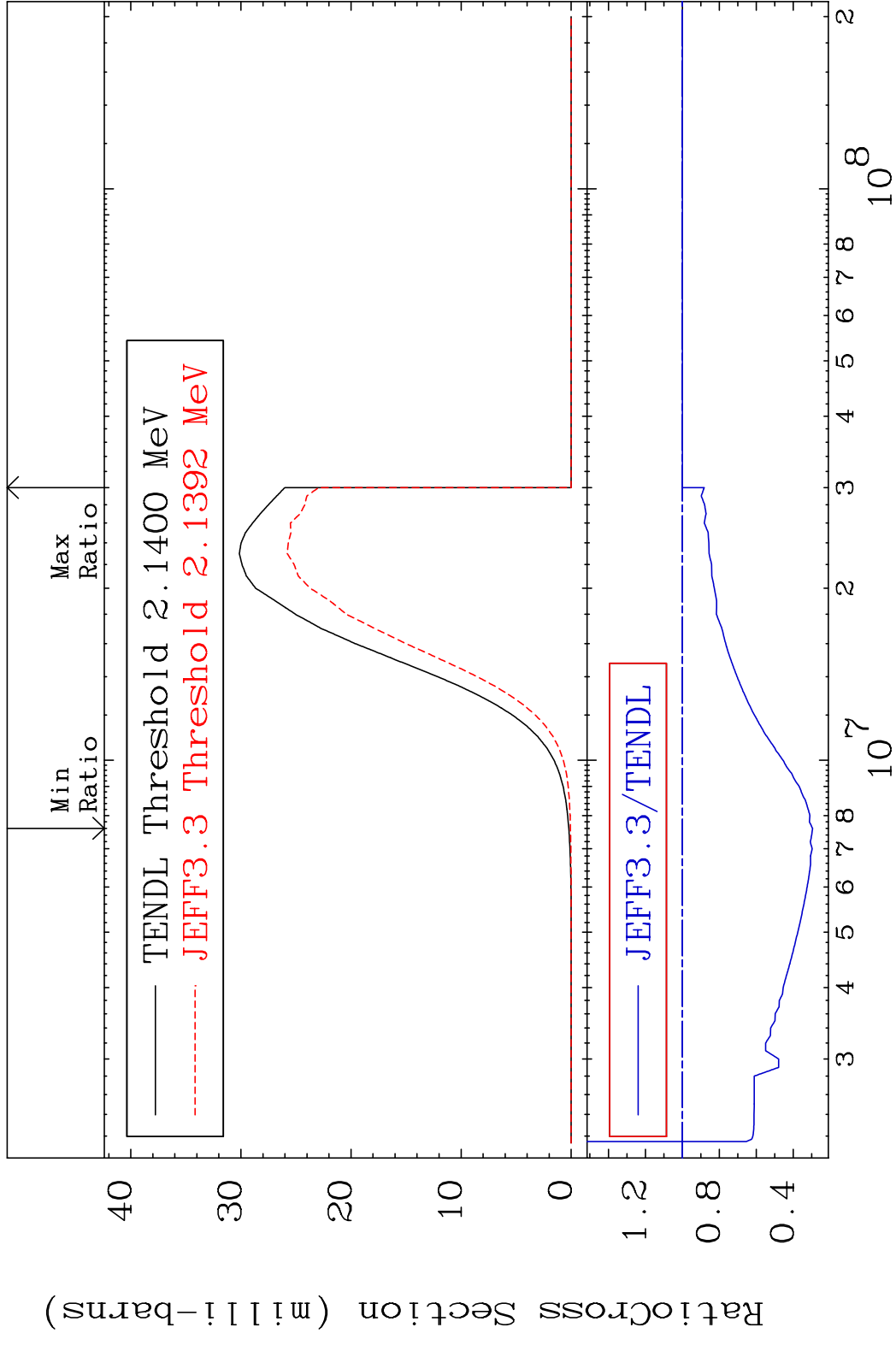
50

Incident Energy (eV)

52-Te-124

MAT 5237

(n, p) Cross Section -70.42 To 0.000 %
52-Te-124

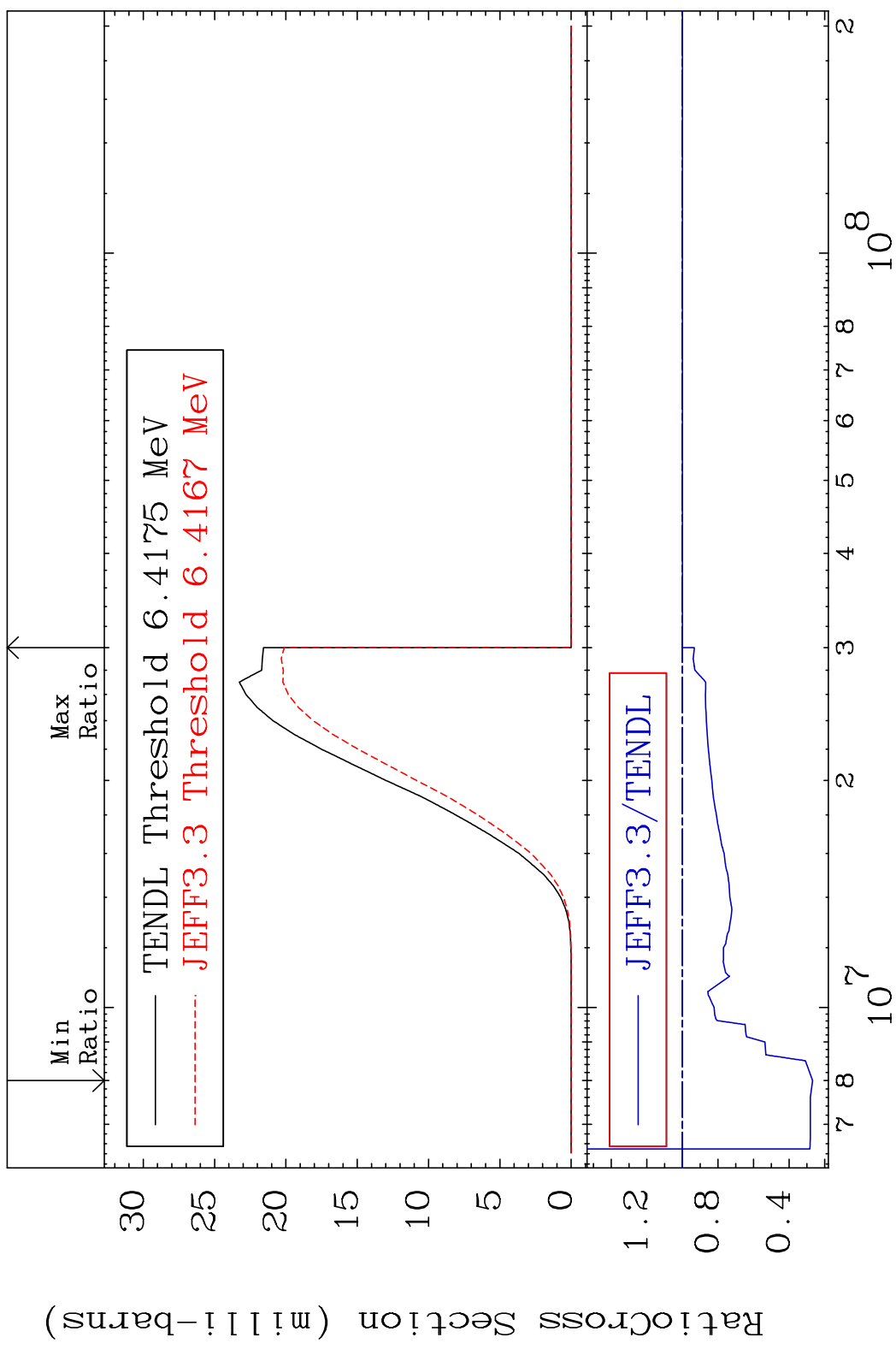


MAT 5237

(n,d)

52-Te-124

Cross Section -73.14 To 0.000 %

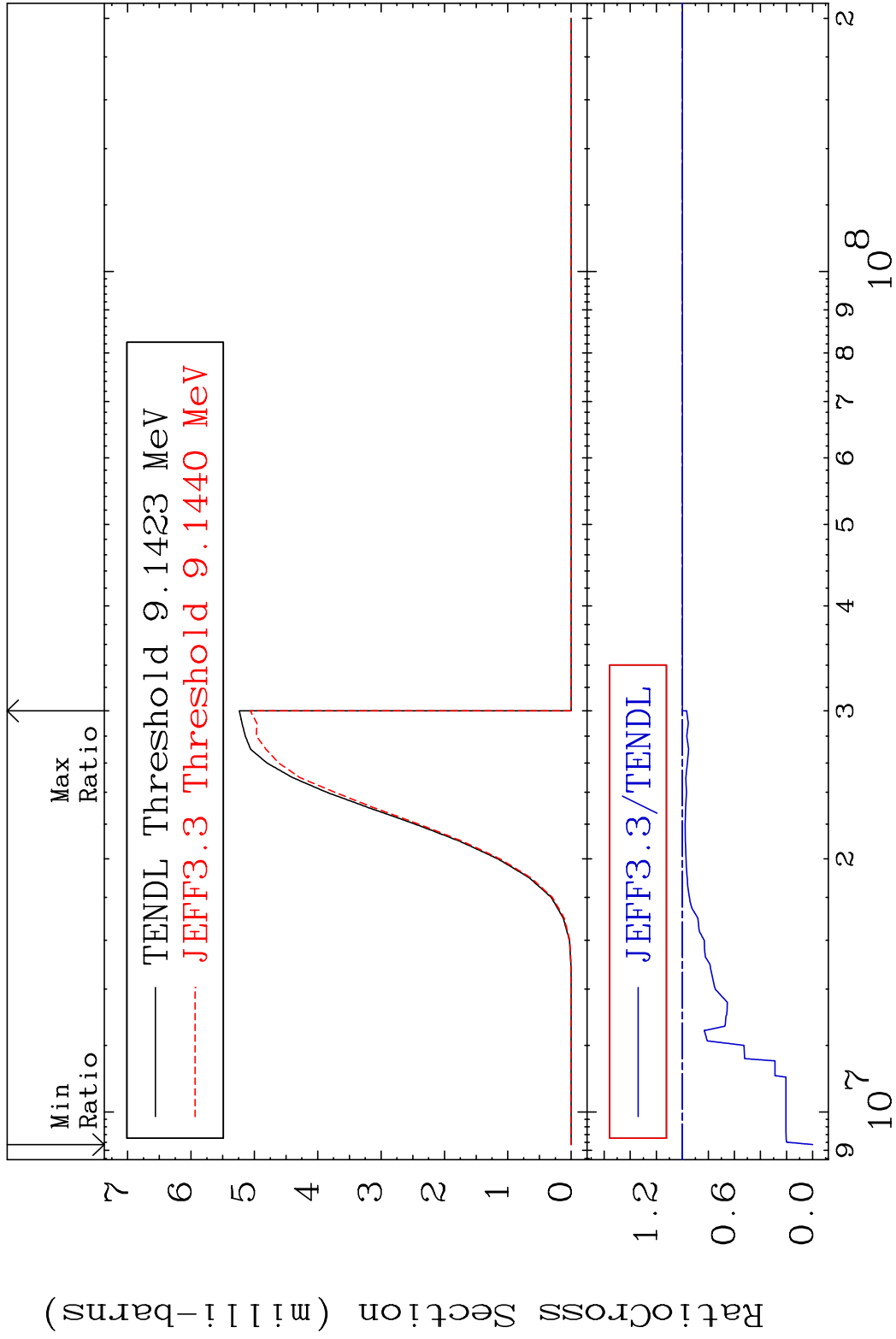


MAT 5237

(n, t)

52-Te-124

Cross Section -100.0 To 0.000 %



53

Incident Energy (eV)

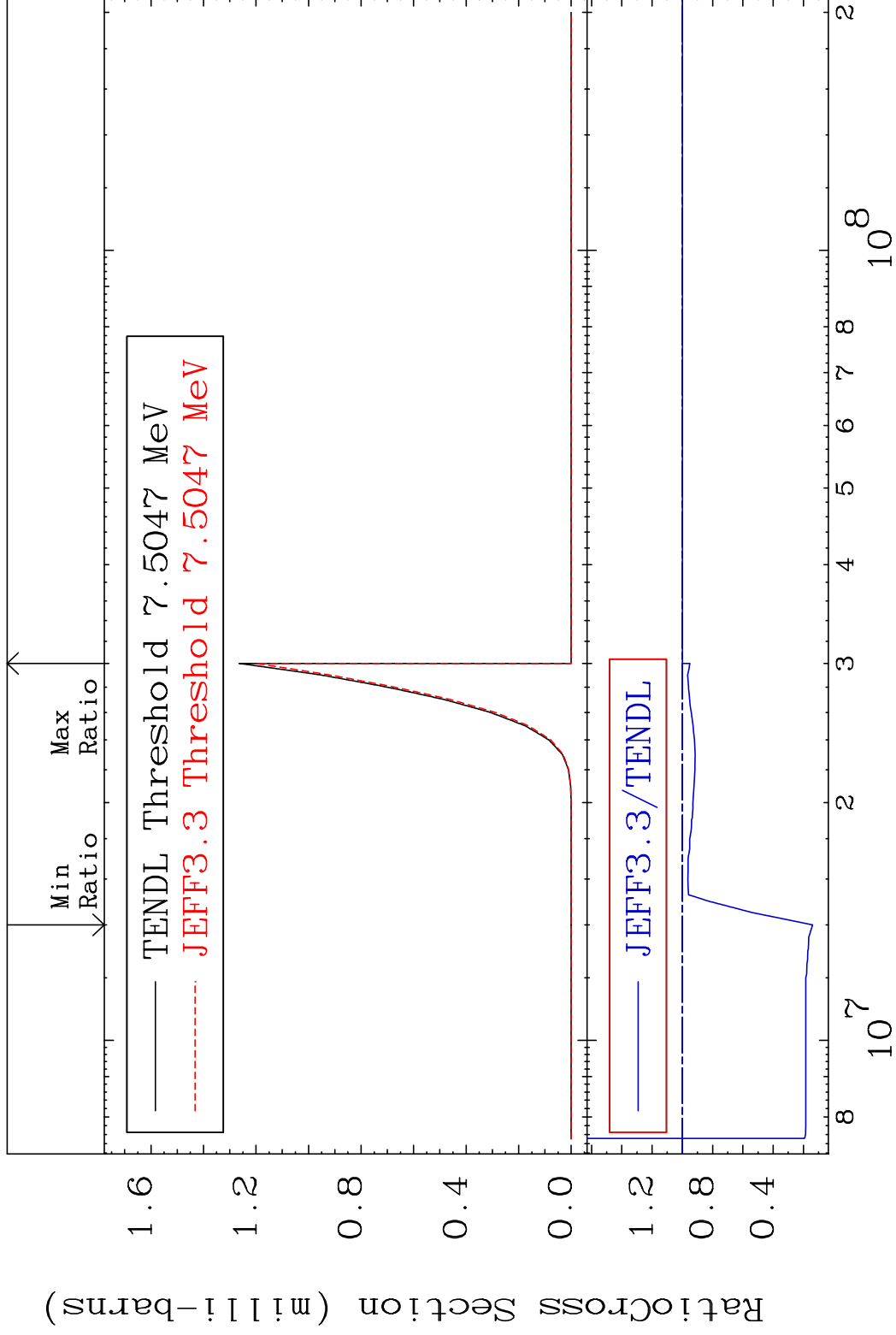
52-Te-124

MAT 5237

(n, He-3)

52-Te-124

Cross Section -86.02 To 0.000 %



54

Incident Energy (eV)

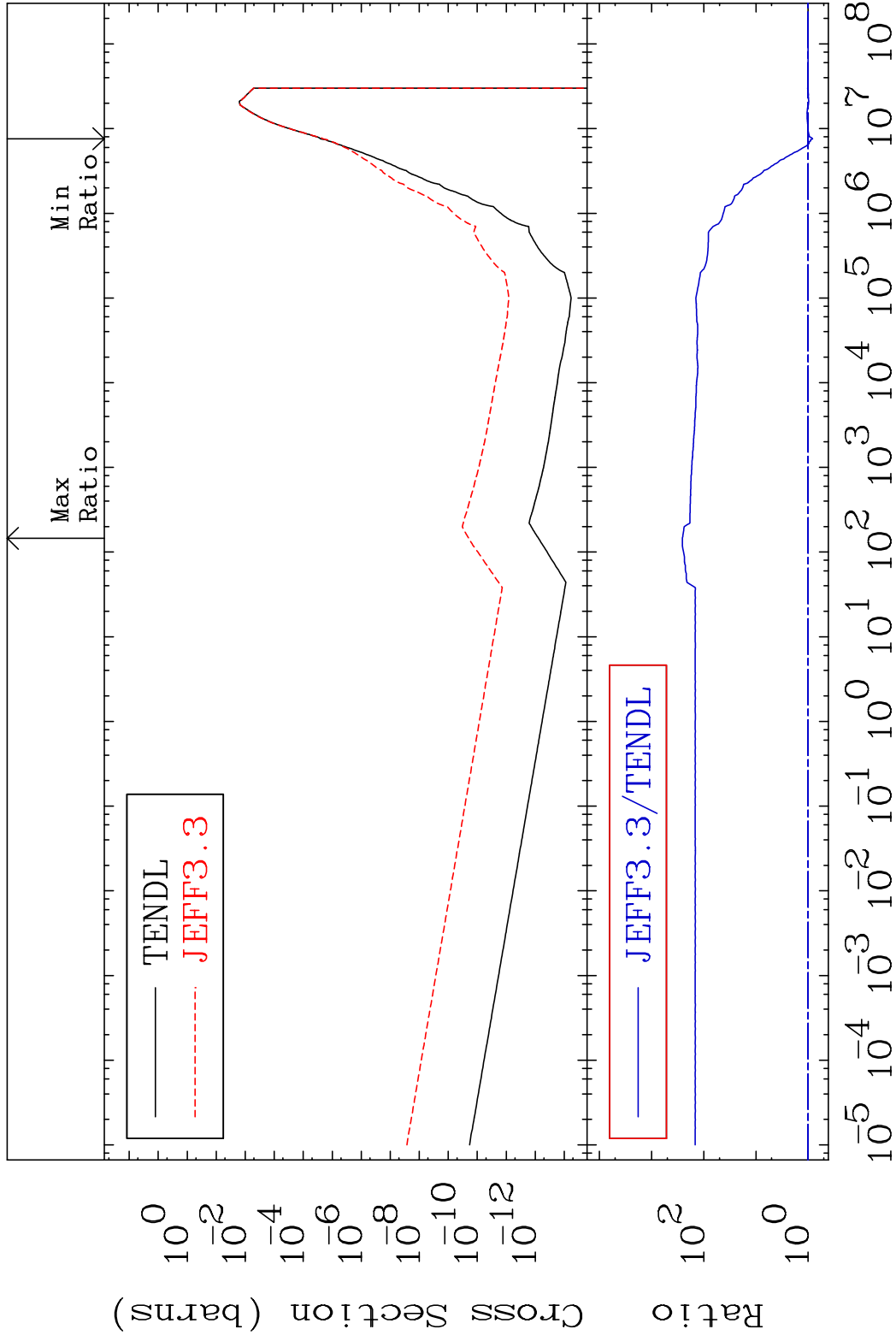
52-Te-124

MAT 5237

(n, α)

52-Te-124

Cross Section -17.78 To 9999. %



55

Incident Energy (eV)

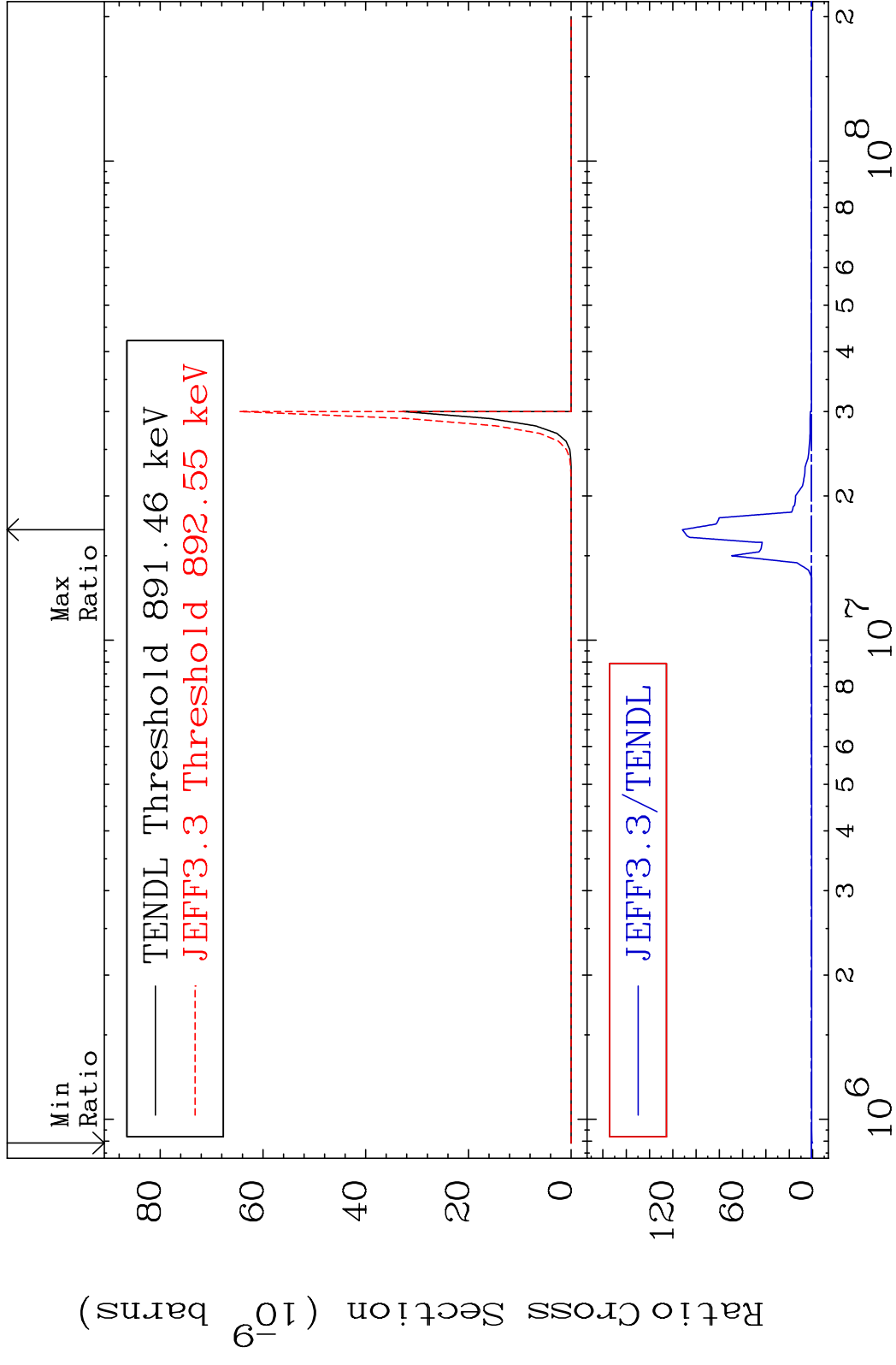
52-Te-124

MAT 5237

(n,2α)

52-Te-124

Cross Section -100.0 To 9999. %



56

Incident Energy (eV)

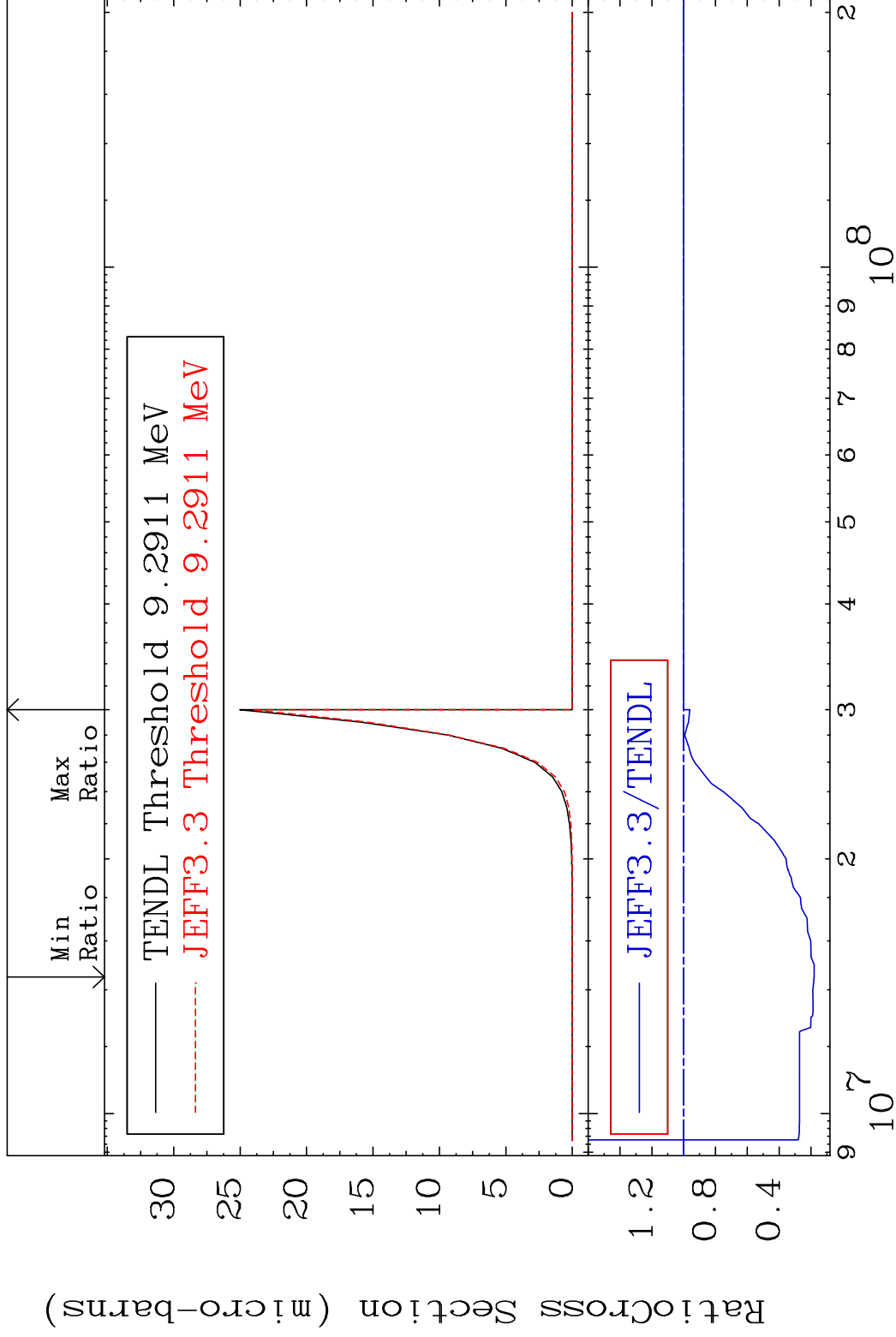
52-Te-124

MAT 5237

(n,2p)

52-Te-124

Cross Section -82.00 To 0.000 %



57

Incident Energy (eV)

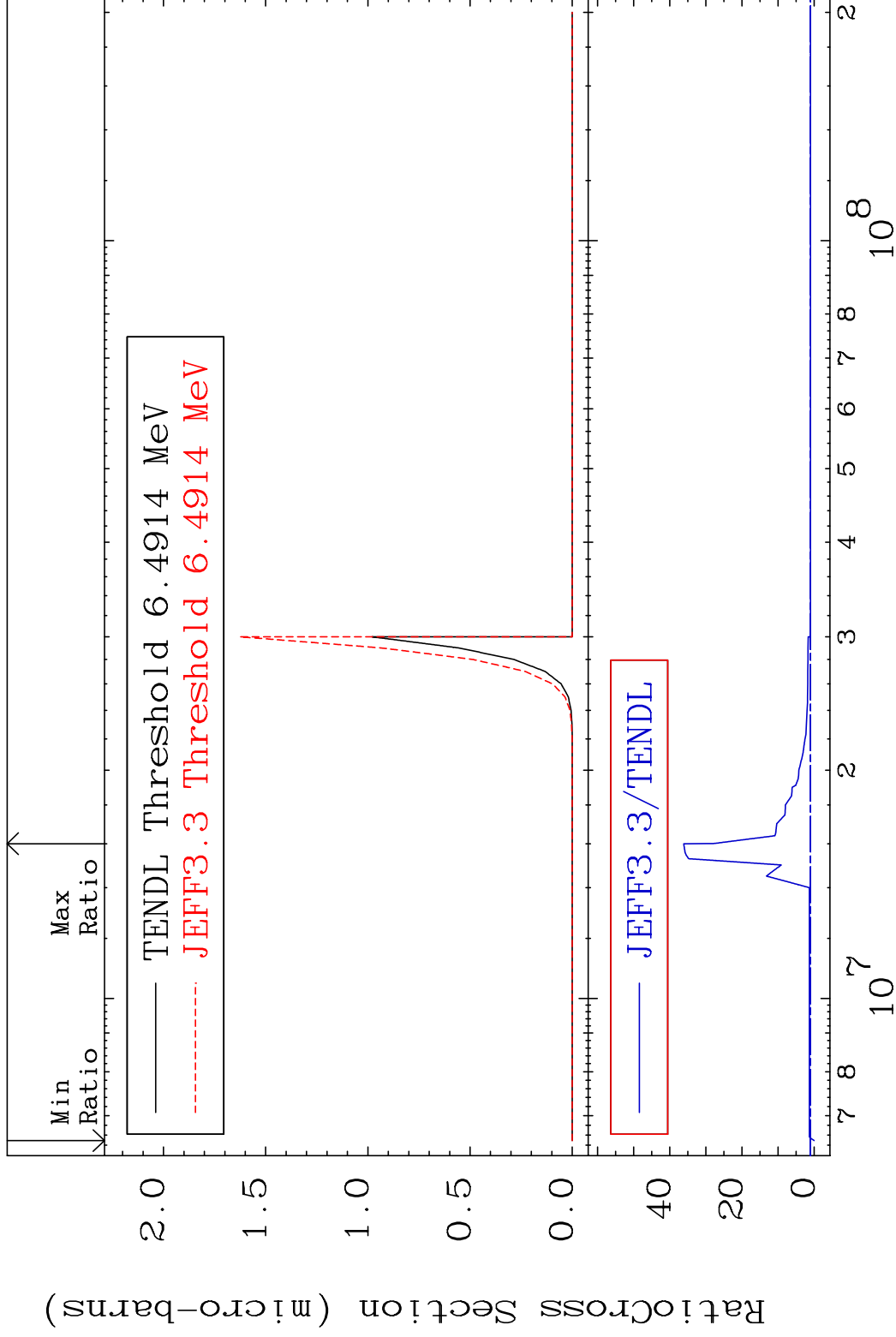
52-Te-124

MAT 5237

(n,p) α

52-Te-124

Cross Section -100.0 To 3516. %



58

Incident Energy (eV)

52-Te-124

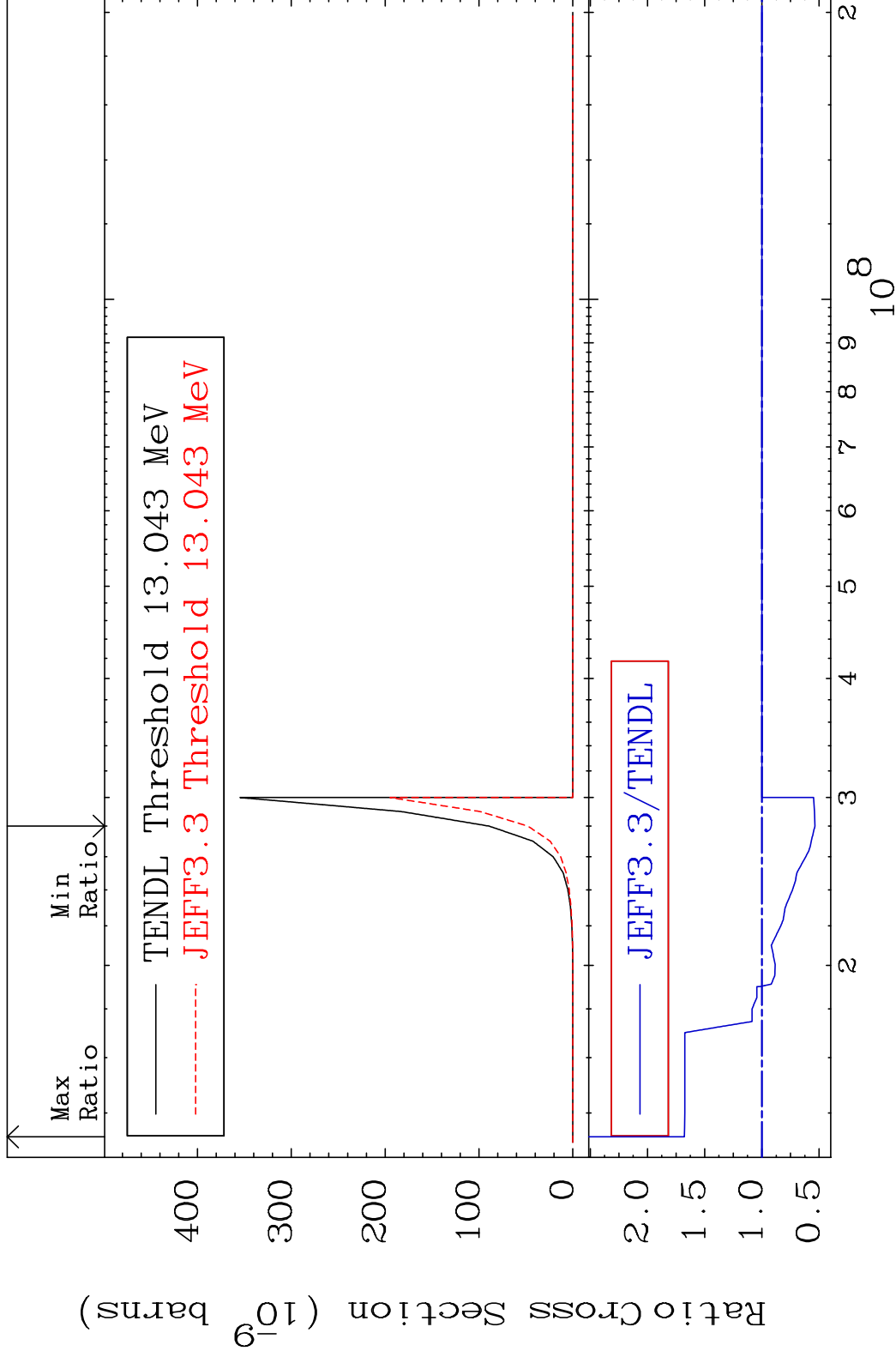
MAT 5237

(n,p) d

52-Te-124

Cross Section

-46.35 To 67.81 %

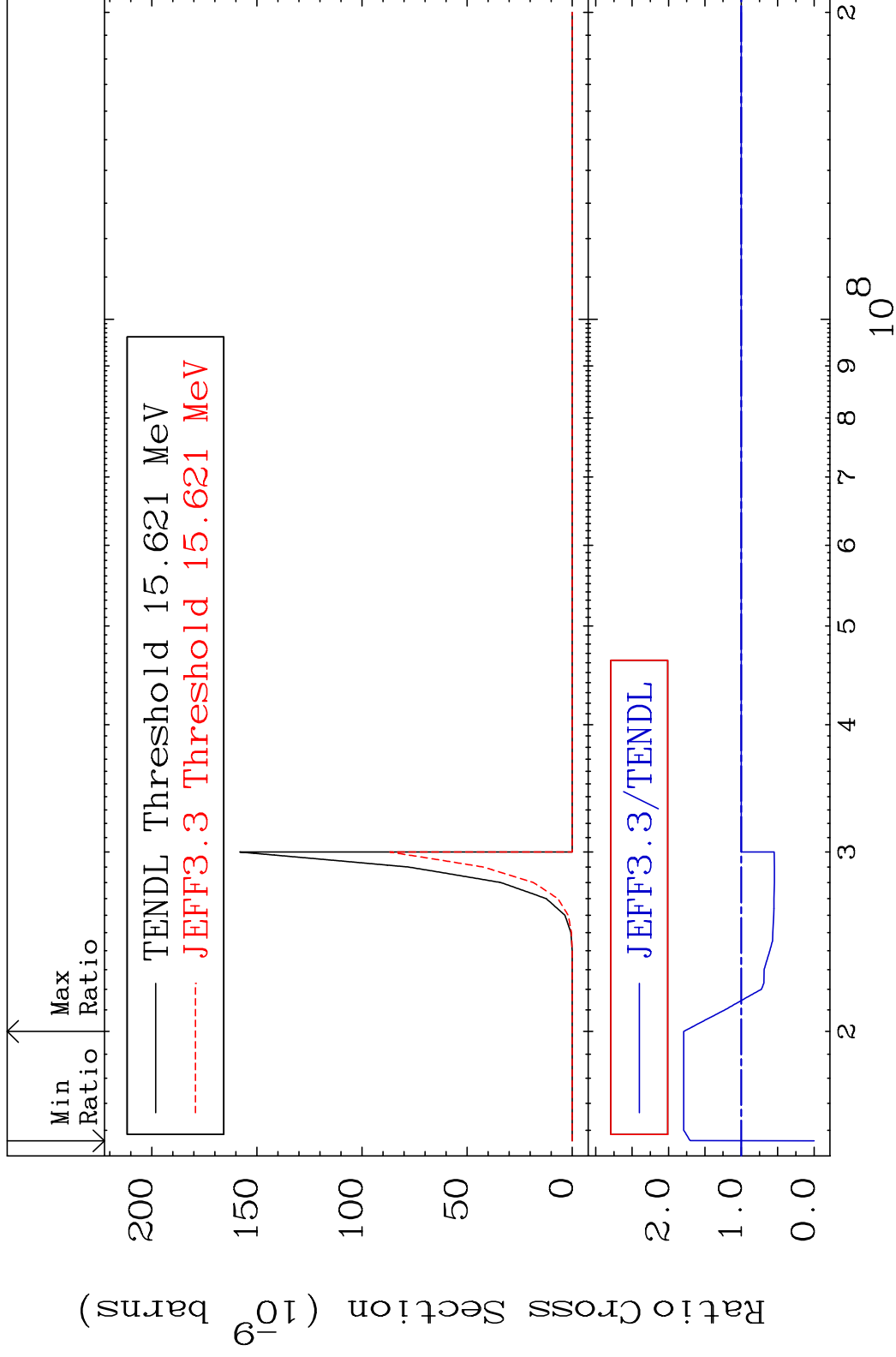


MAT 5237

(n,p) t

52-Te-124

Cross Section -100.0 To 79.19 %

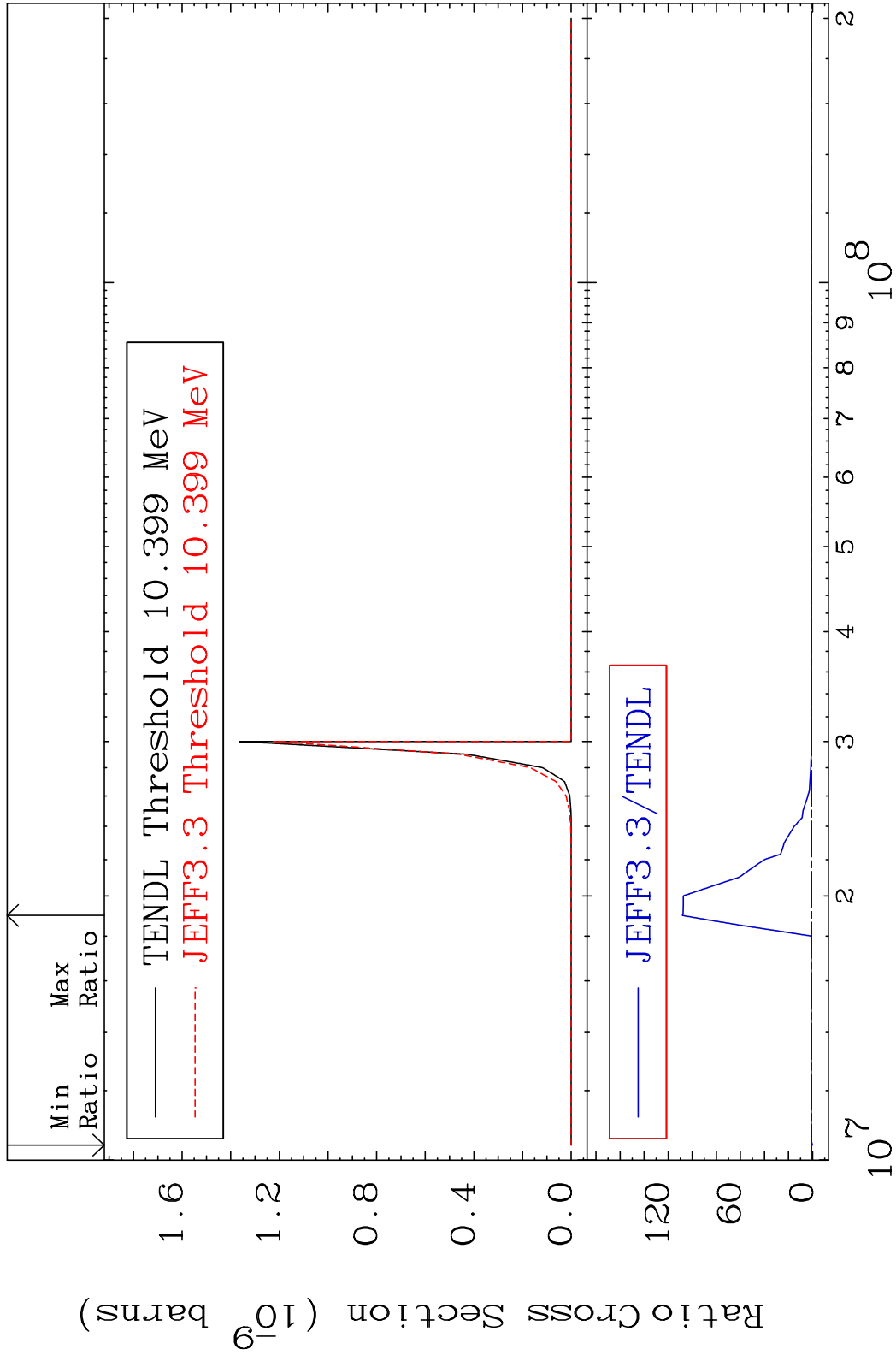


MAT 5237

(n,d) α

52-Te-124

Cross Section -100.0 To 9999. %



61

Incident Energy (eV)

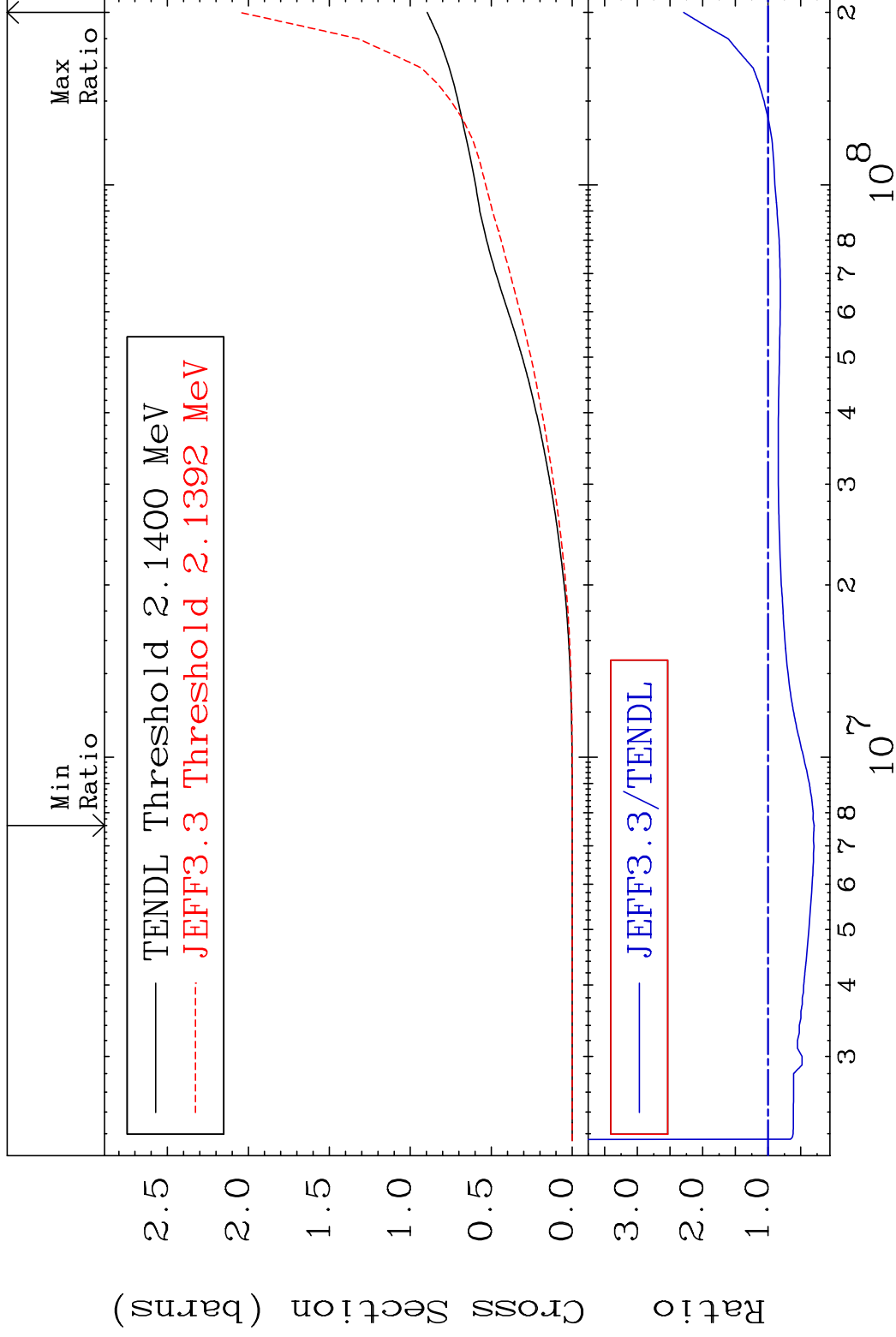
52-Te-124

MAT 5237

Hydrogen Production

52-Te-124

Cross Section -70.42 To 129.2 %



62

Incident Energy (eV)

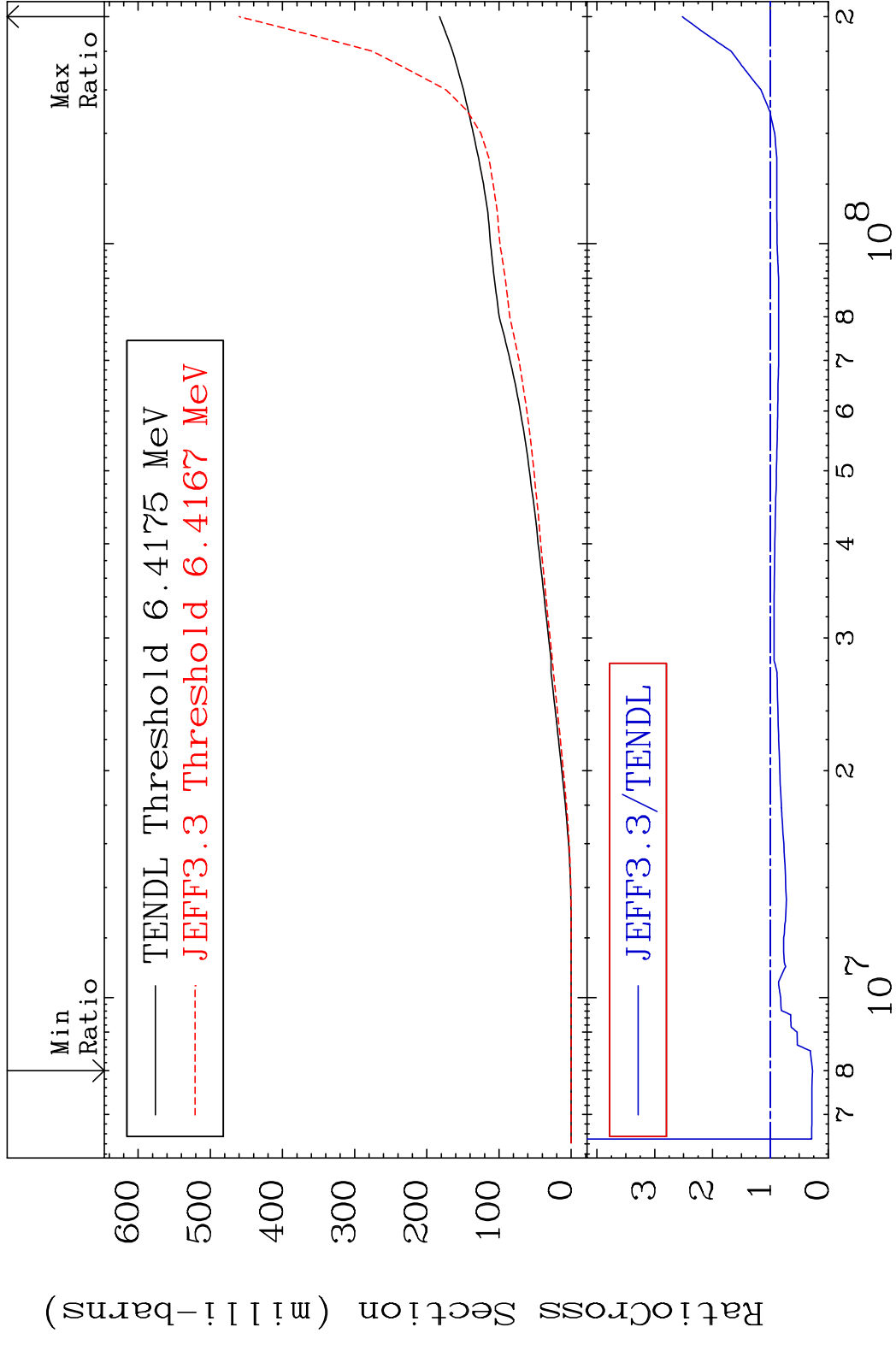
52-Te-124

MAT 5237

Deuterium Production

52-Te-124

Cross Section -73.14 To 152.2 %

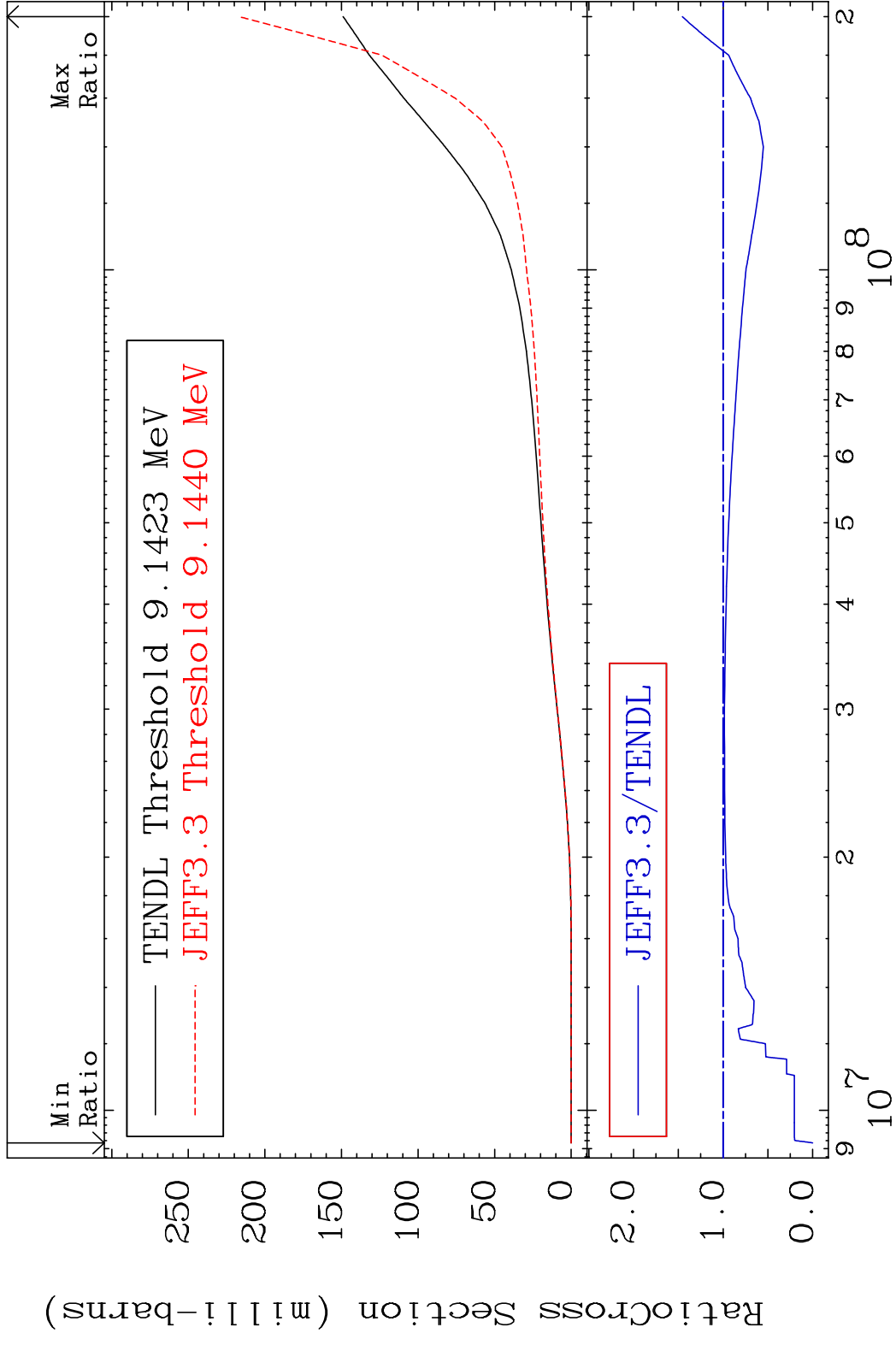


63

Incident Energy (eV)

52-Te-124

MAT 5237 Tritium Production 52-Te-124
 Cross Section -100.0 To 45.55 %



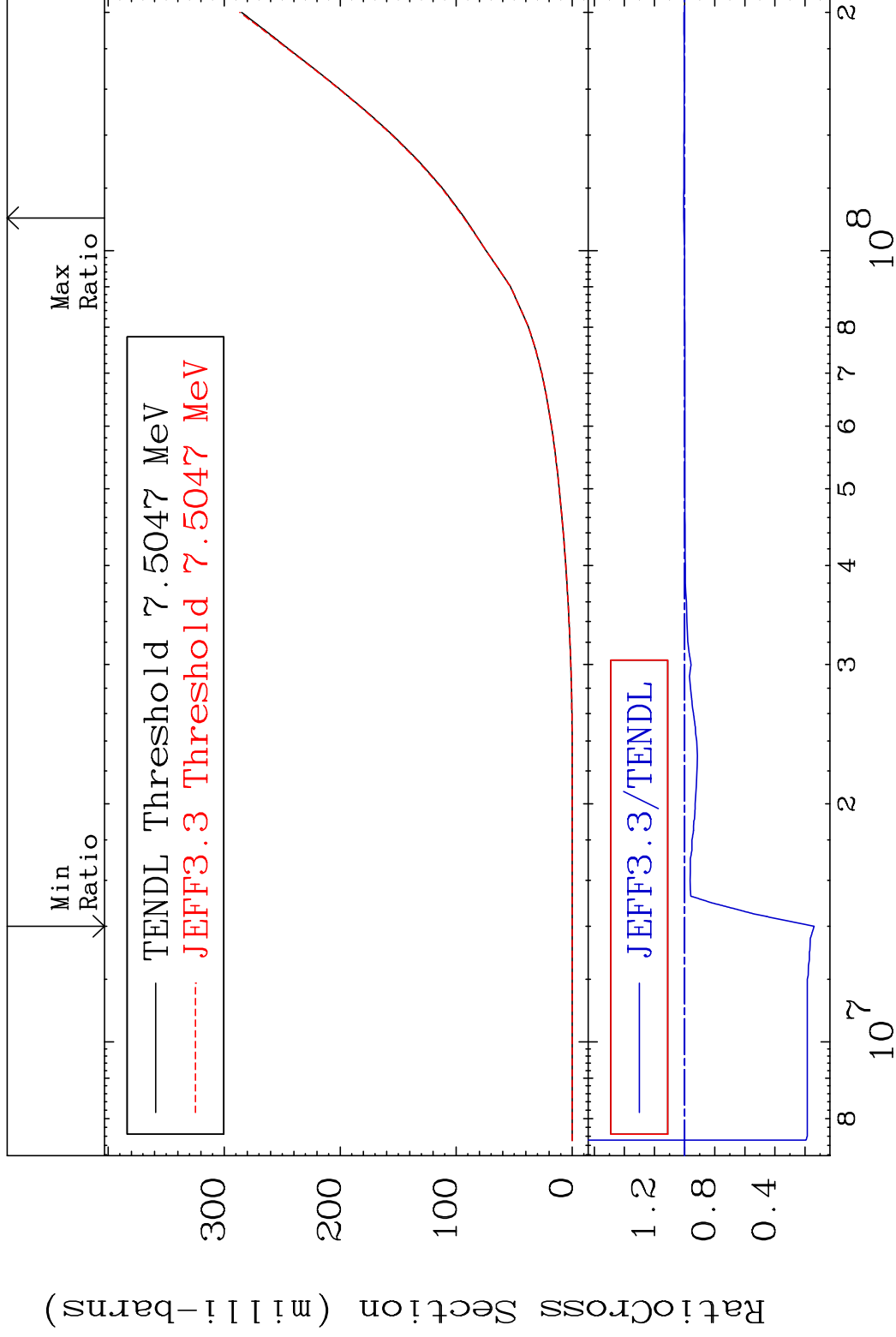
64 Incident Energy (eV) 52-Te-124

MAT 5237

He-3 Production

52-Te-124

Cross Section -86.02 To 0.626 %



65

Incident Energy (eV)

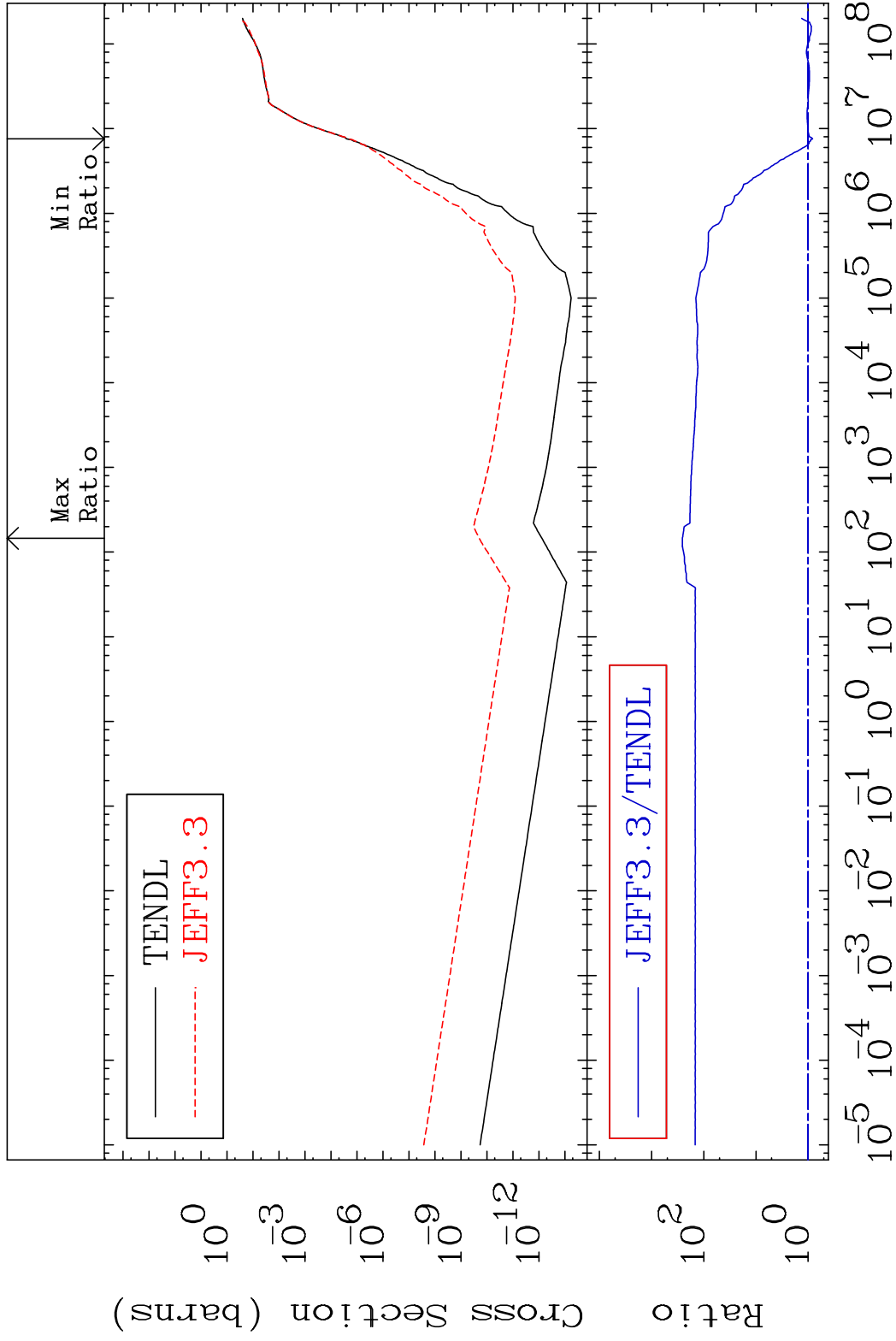
52-Te-124

MAT 5237

He-4 Production

52-Te-124

Cross Section -17.76 To 9999. %



66

Incident Energy (eV)

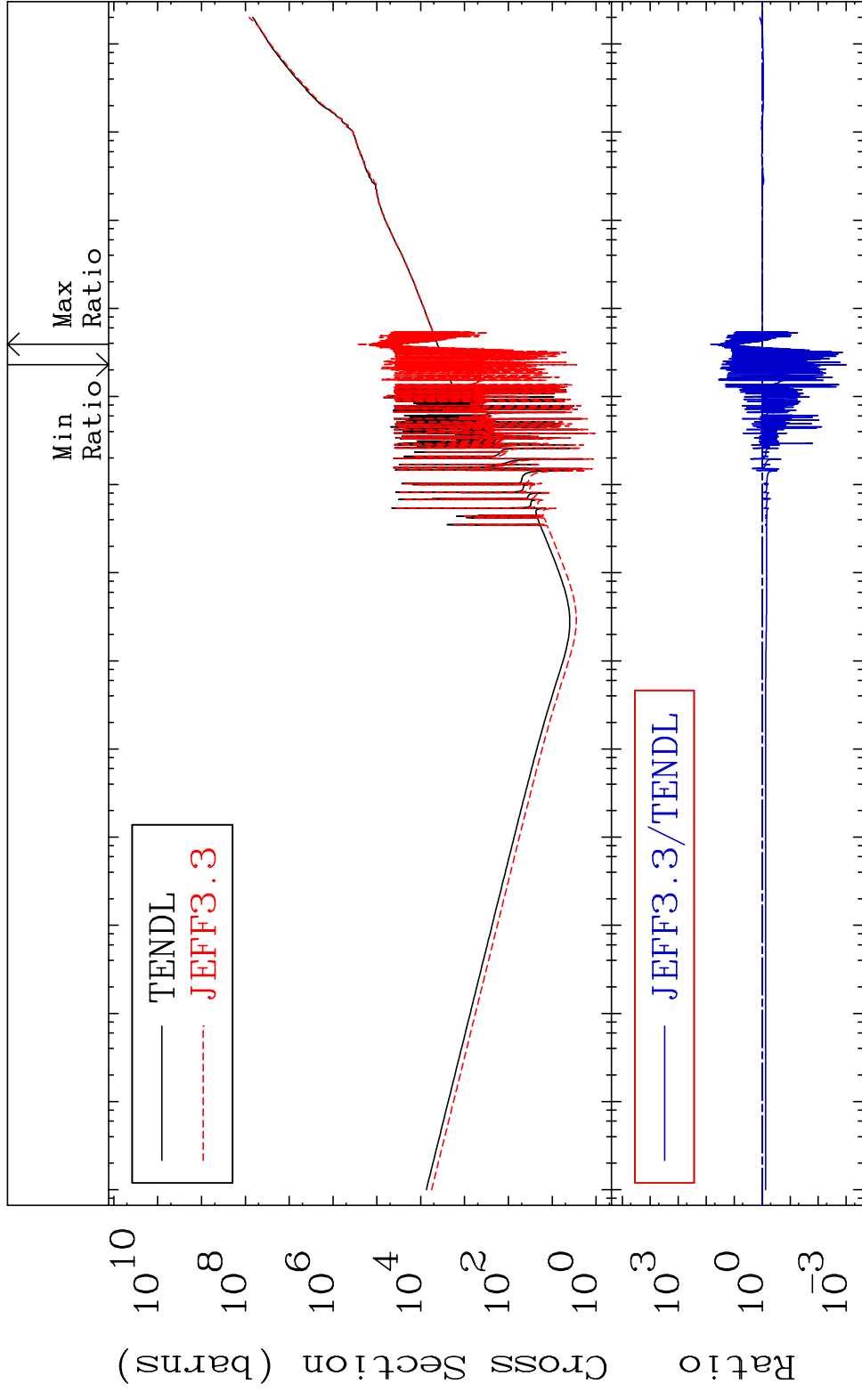
52-Te-124

MAT 5237

Kerma total (eV-barns)

52-Te-124

Cross Section -99.90 To 6837. %



67

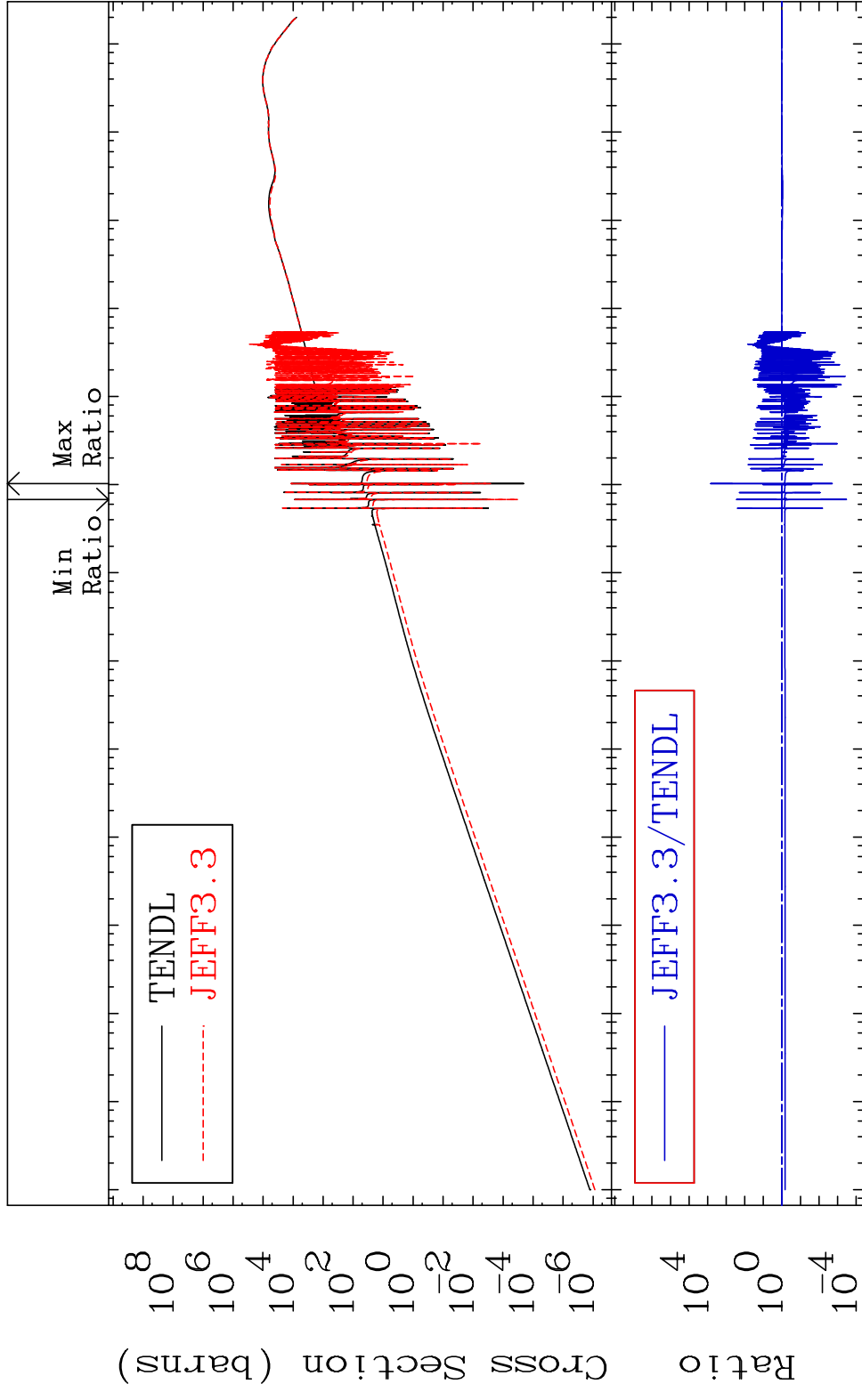
Incident Energy (eV)

52-Te-124

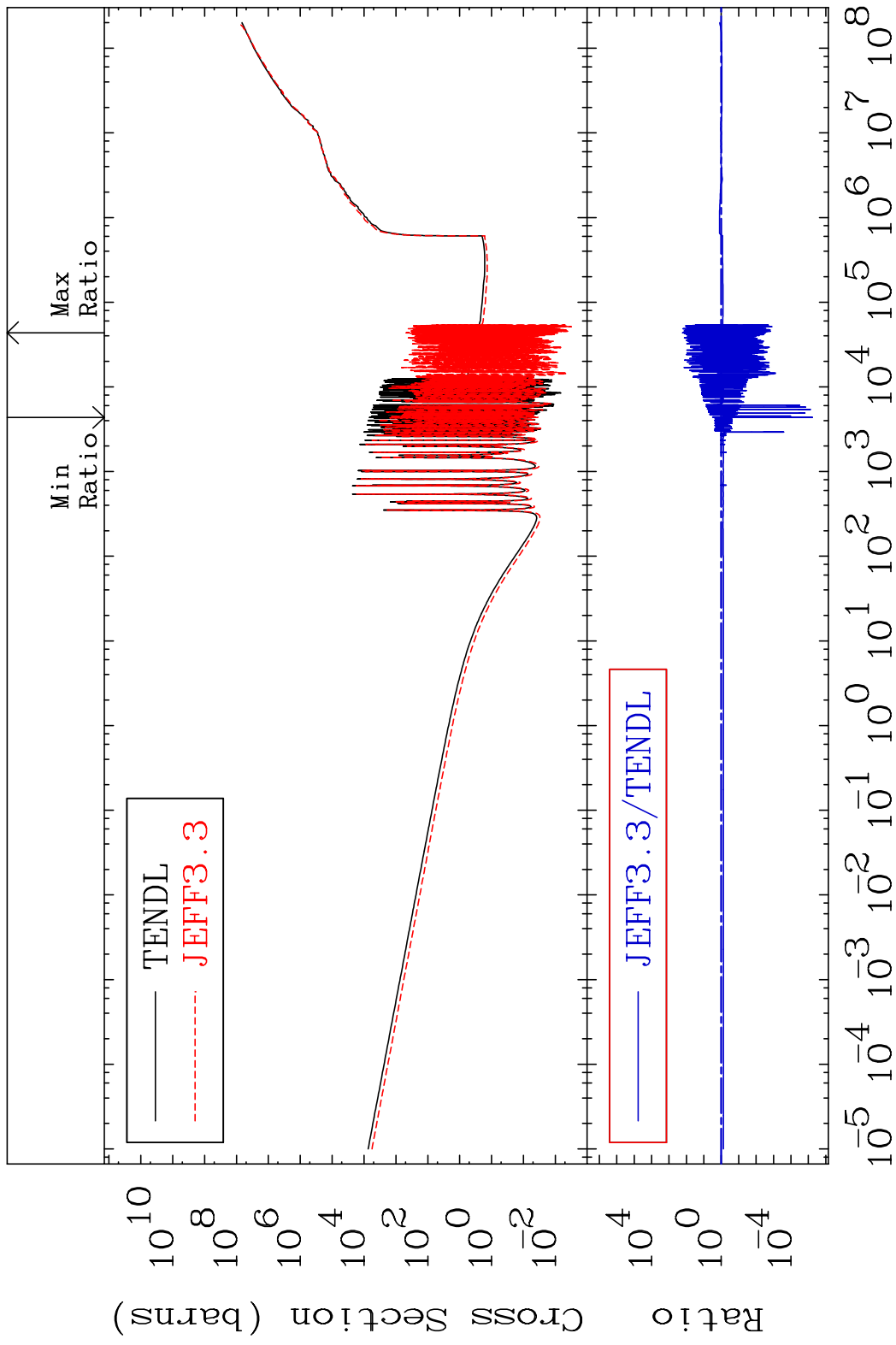
MAT 5237

Kerma elastic
Cross Section

52-Te-124
-99.97 To 9999. %



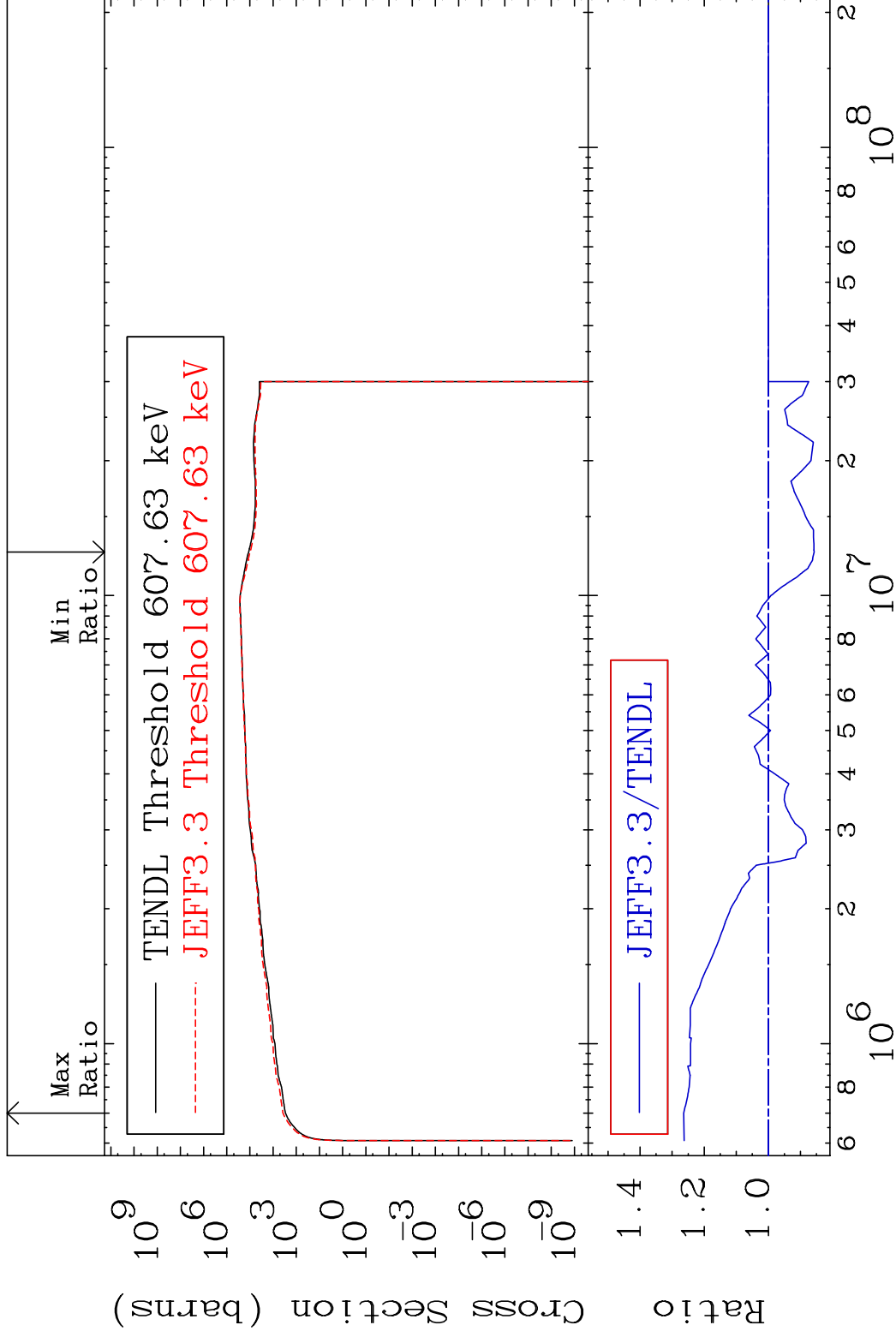
MAT 5237 Kerma non-elastic (all but mt2) 52-Te-124
 Cross Section -100.0 To 9999. %



MAT 5237

Kerma inelastic (mt51-91) 52-Te-124

Cross Section -14.27 To 26.40 %

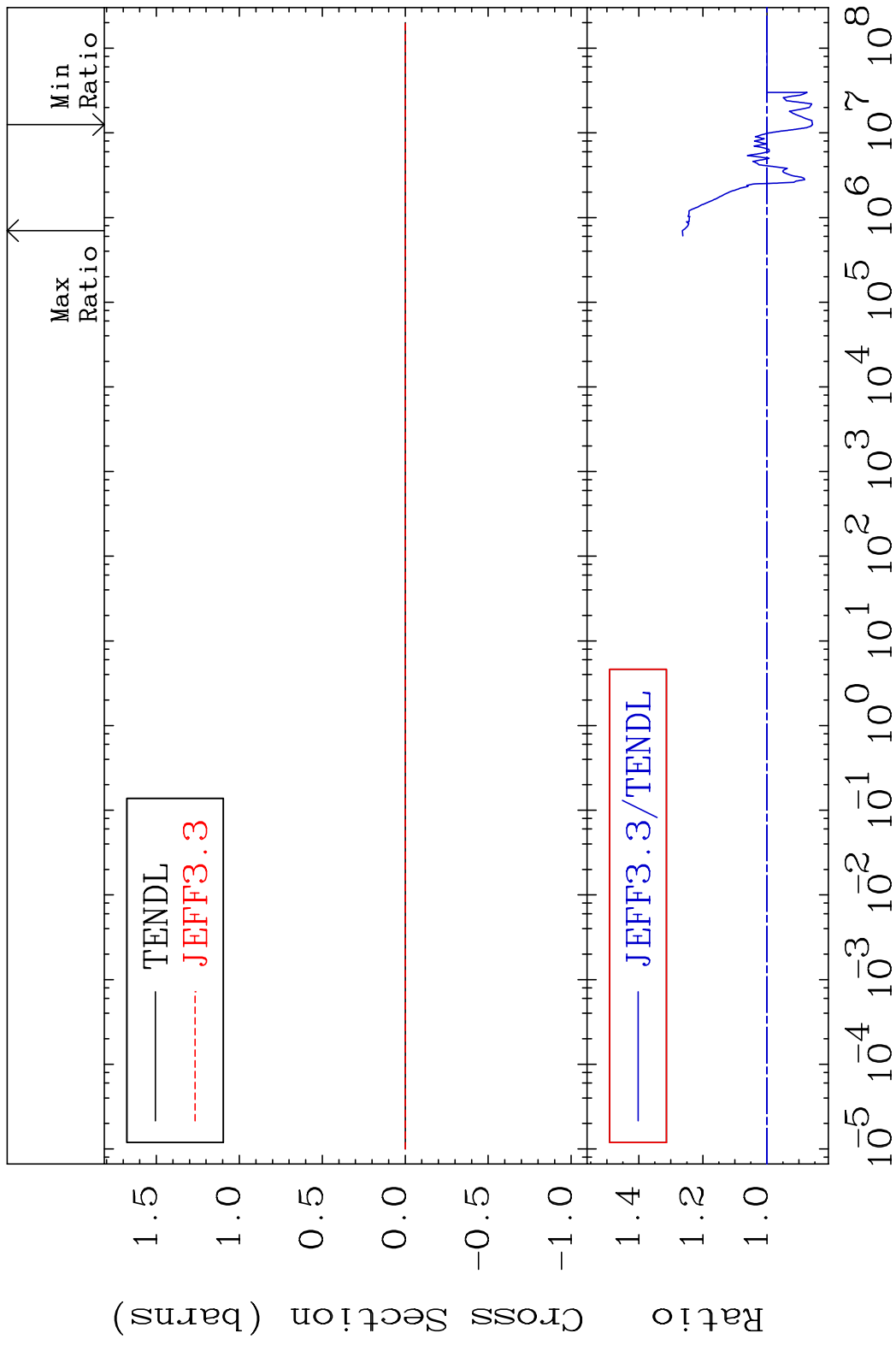


70

Incident Energy (eV)

52-Te-124

MAT 5237 Kerma fission (mt18 or mt19-20-21-38) 52-Te-124
 Cross Section -14.27 To 26.40 %

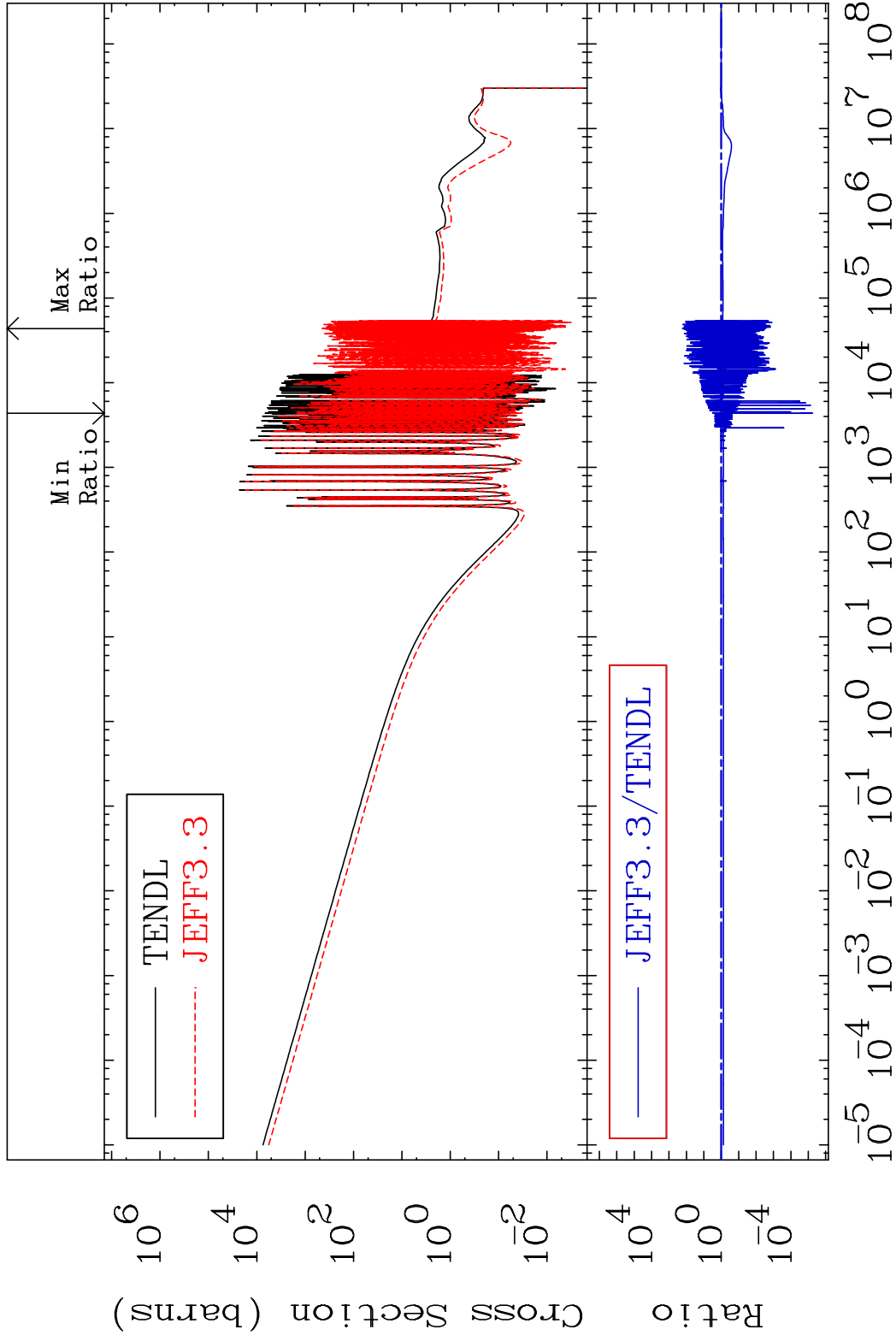


MAT 5237

Kerma capture (mt102)

52-Te-124

Cross Section -100.0 To 9999. %



72

Incident Energy (eV)

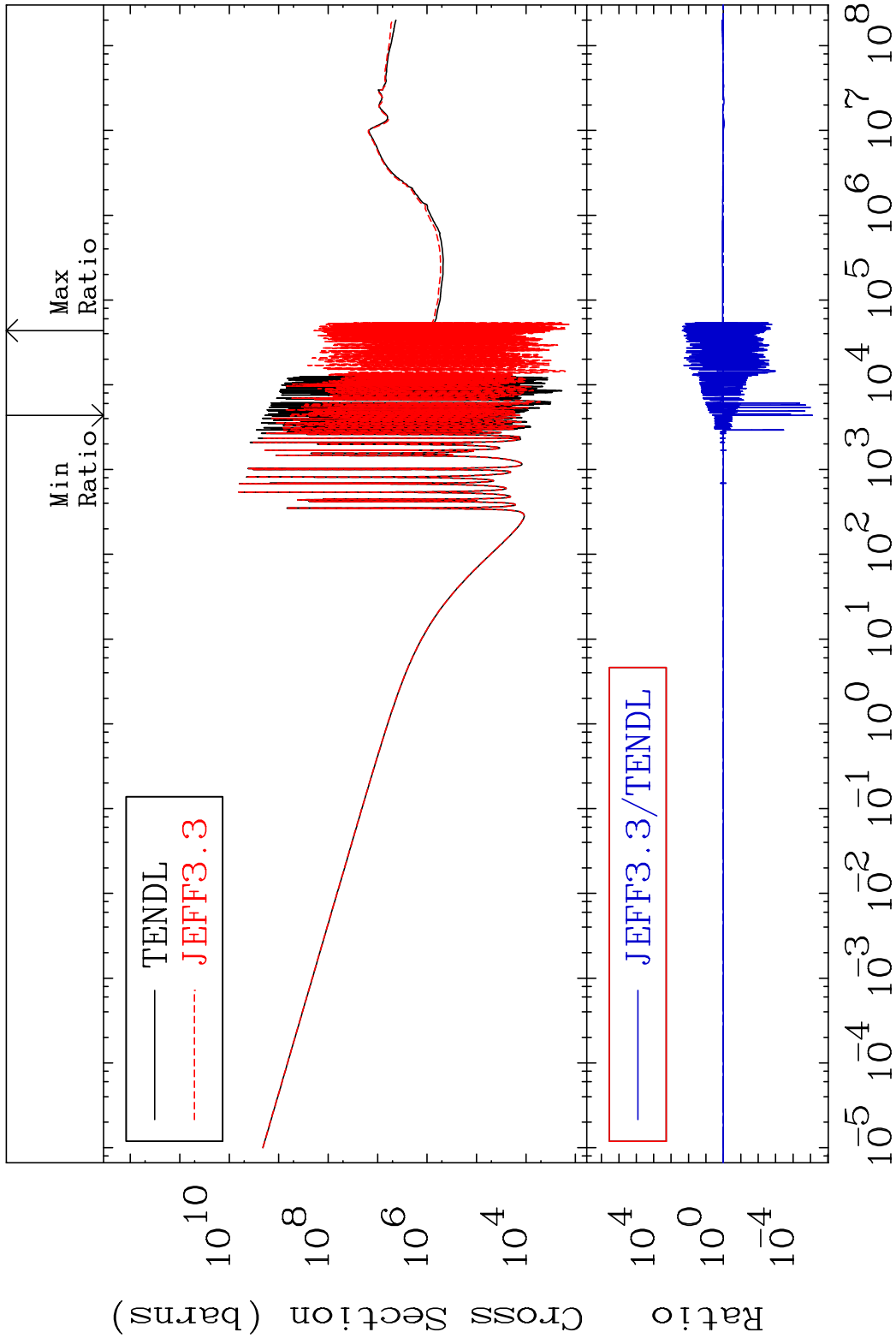
52-Te-124

MAT 5237

Total photon (eV-barns)

52-Te-124

Cross Section -100.0 To 9999. %

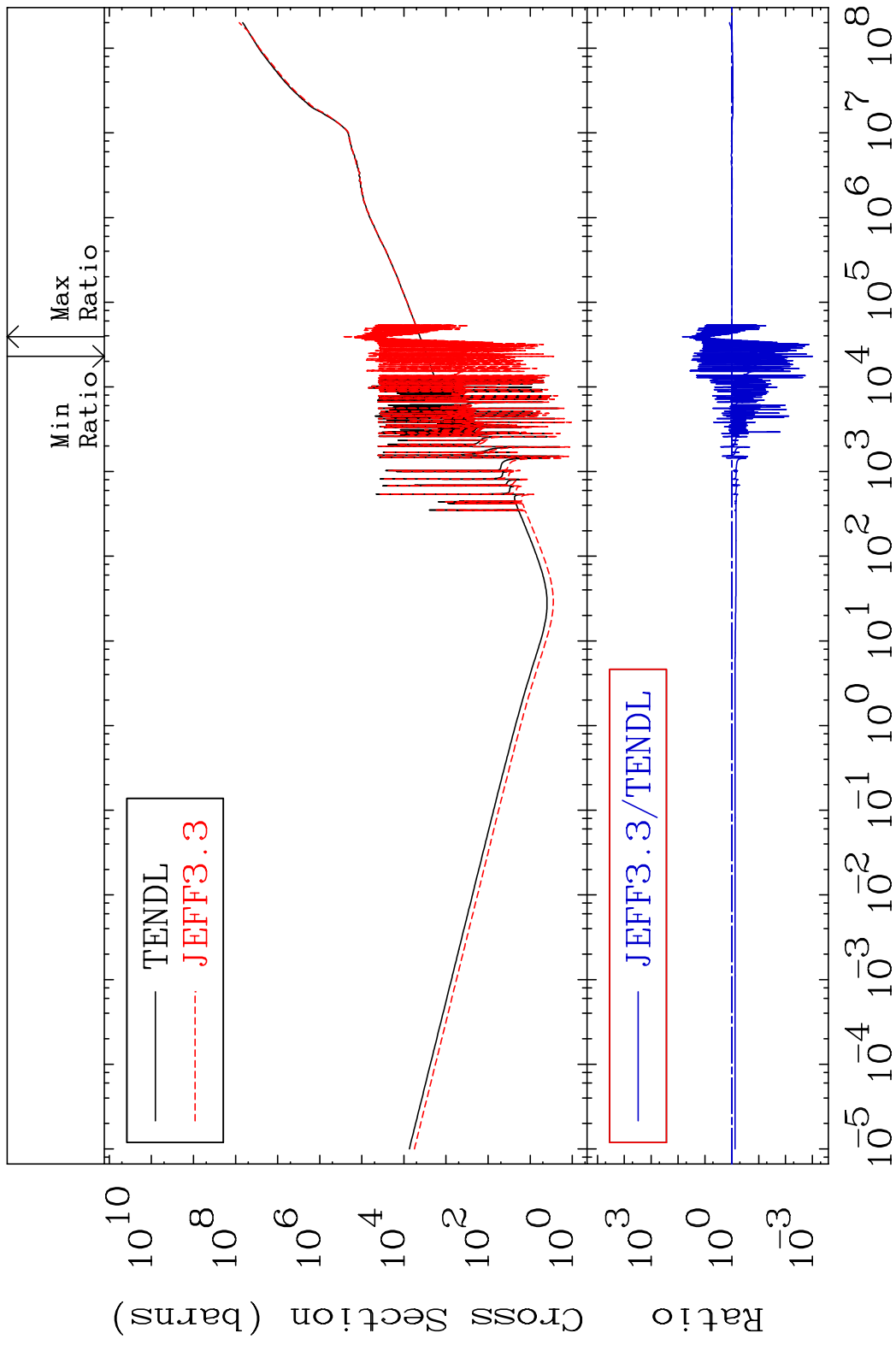


73

Incident Energy (eV)

52-Te-124

MAT 5237 Total kinematic kerma (high limit) 52-Te-124
 Cross Section -99.90 To 6837. %

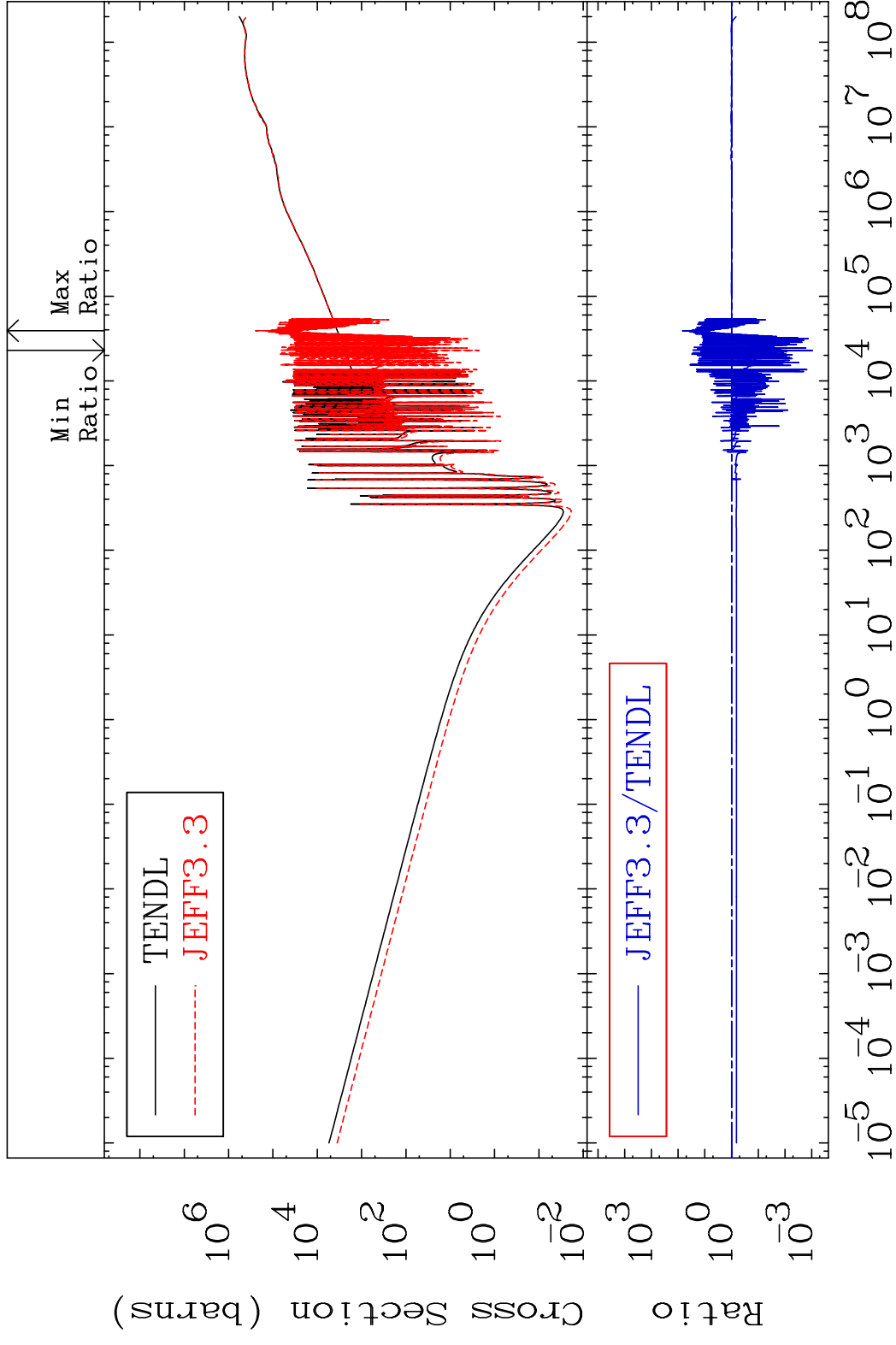


MAT 5237

Dpa total (eV-barns)

52-Te-124

Cross Section -99.91 To 6837. %



75

Incident Energy (eV)

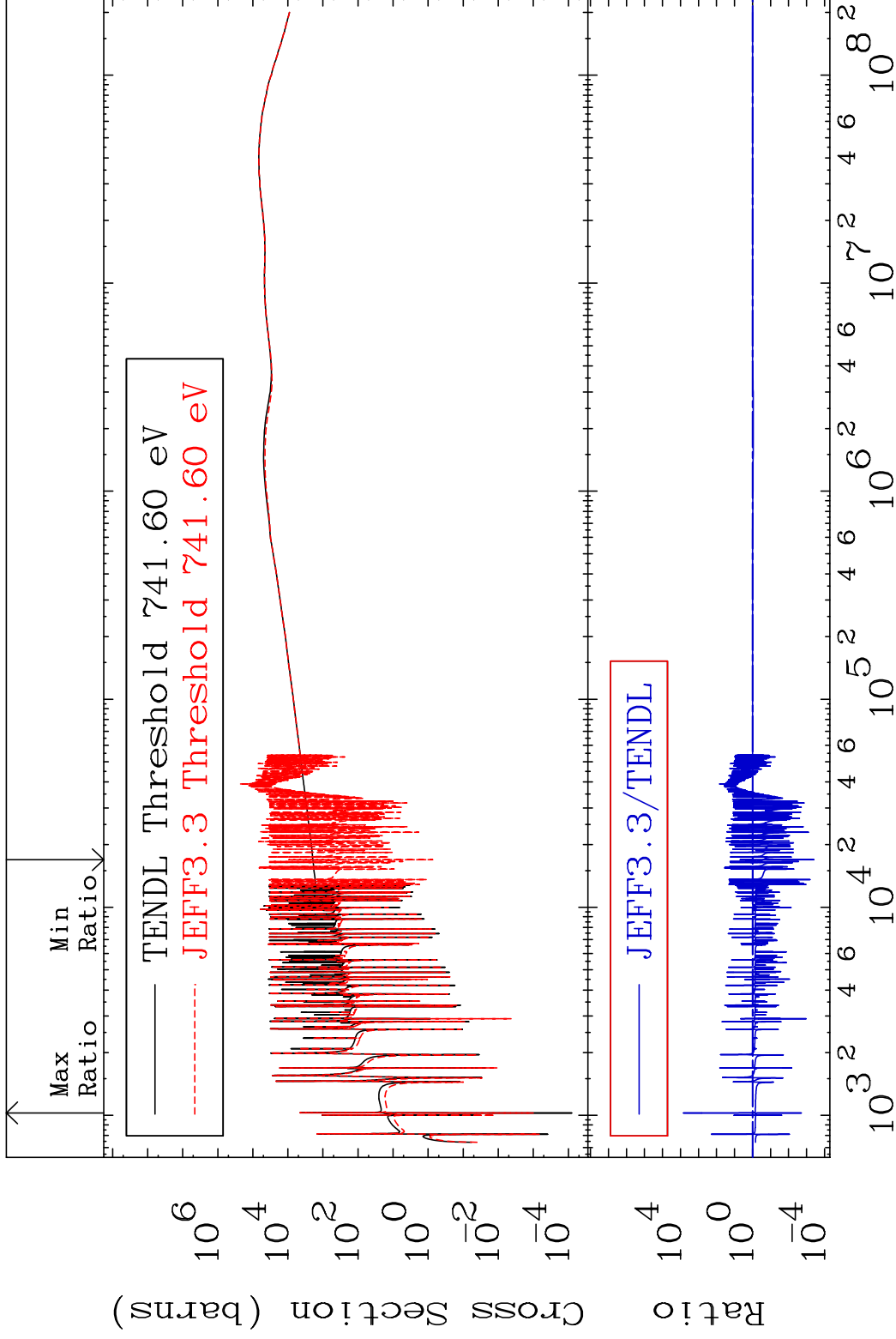
52-Te-124

MAT 5237

Dpa elastic (mt2)

52-Te-124

Cross Section -99.96 To 9999. %

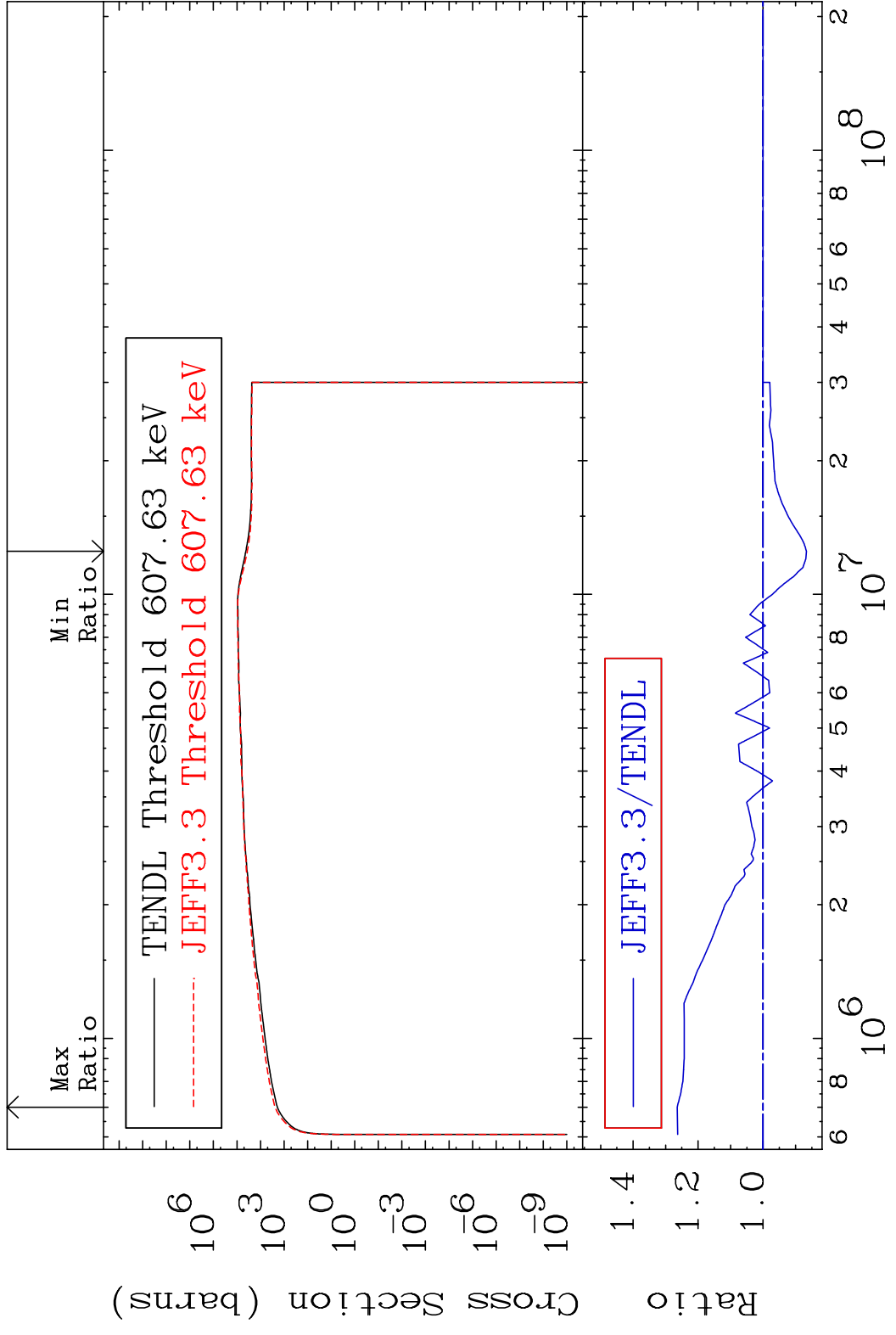


76

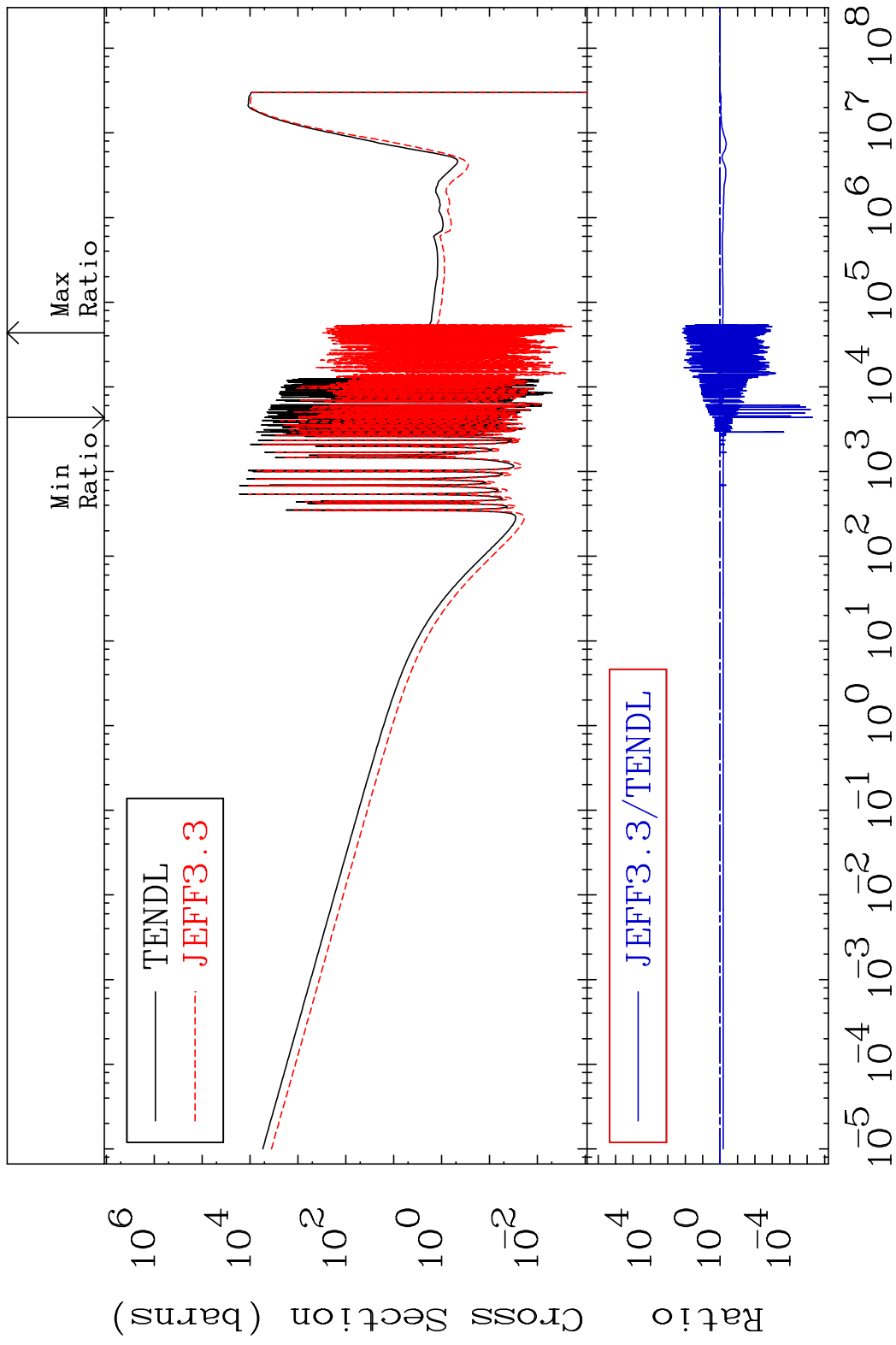
Incident Energy (eV)

52-Te-124

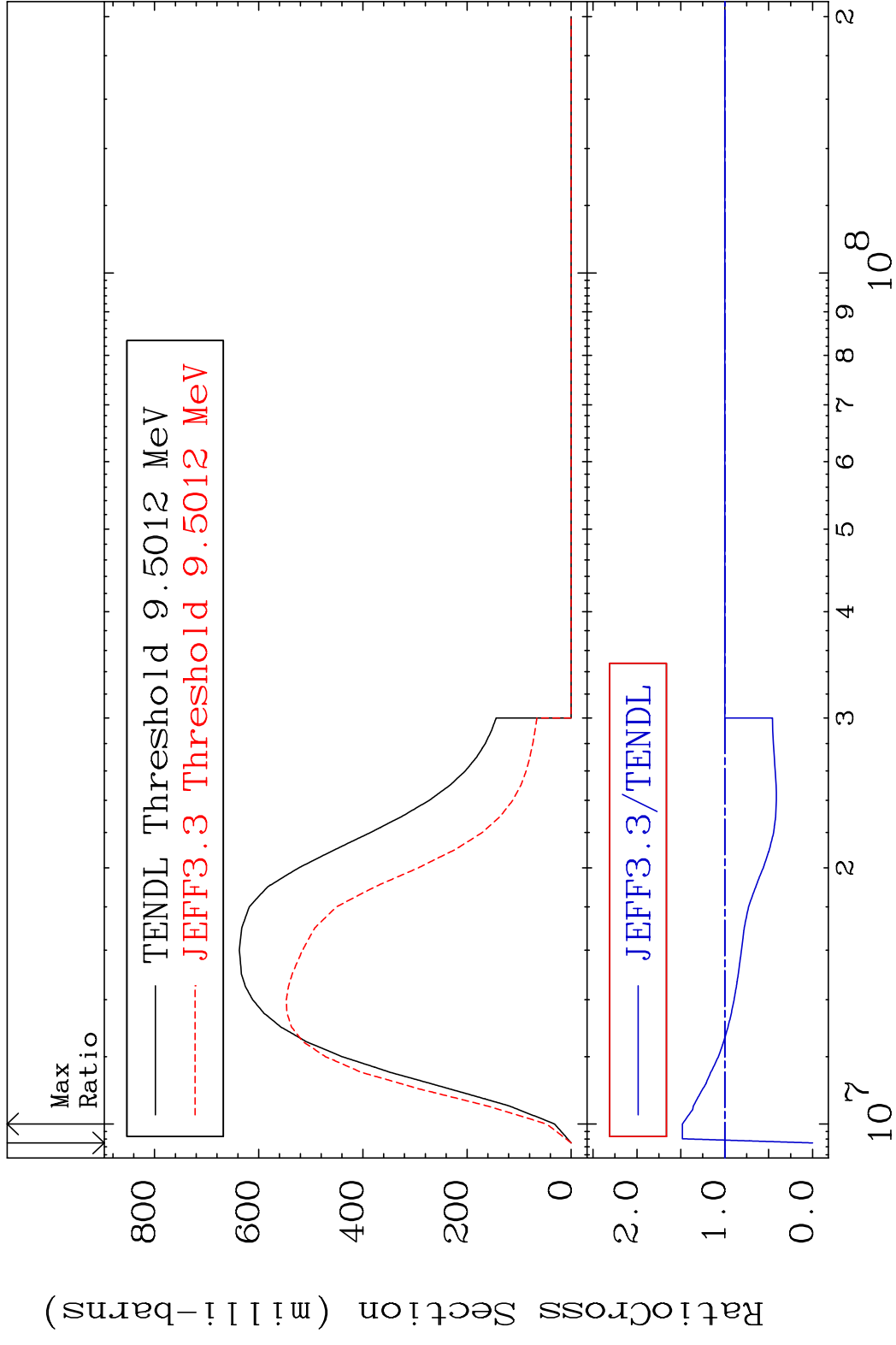
MAT 5237 Dpa inelastic (mt51-91) 52-Te-124
 Cross Section -13.34 To 26.44 %



MAT 5237 Dpa disappearance (mt102 -120) 52-Te-124
 Cross Section -100.0 To 9999. %

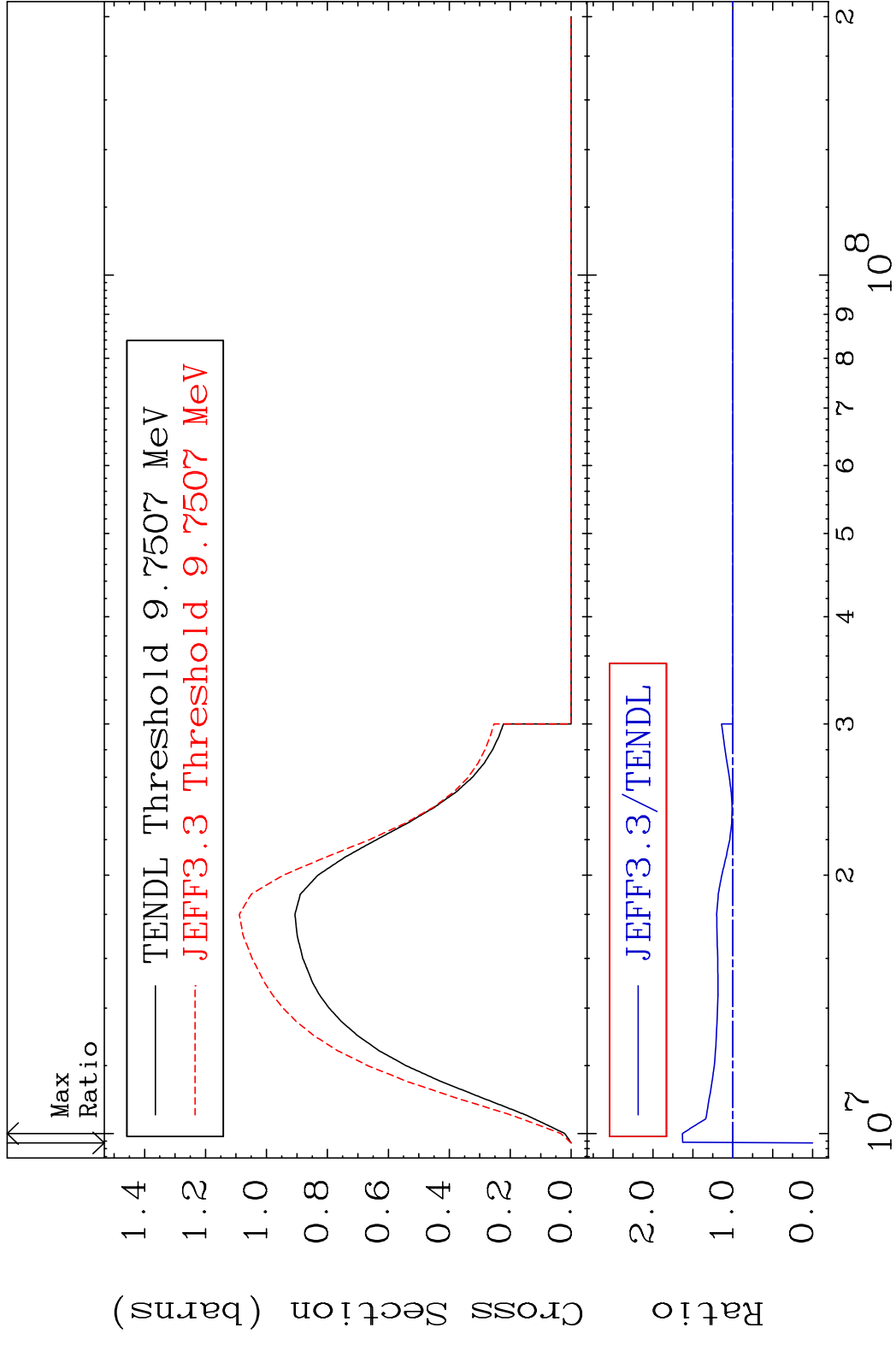


MAT 5237 (n,2n):52-Te-123g 52-Te-124
 Radionuclide Production Cross Section 180.01 dth 48.28 %

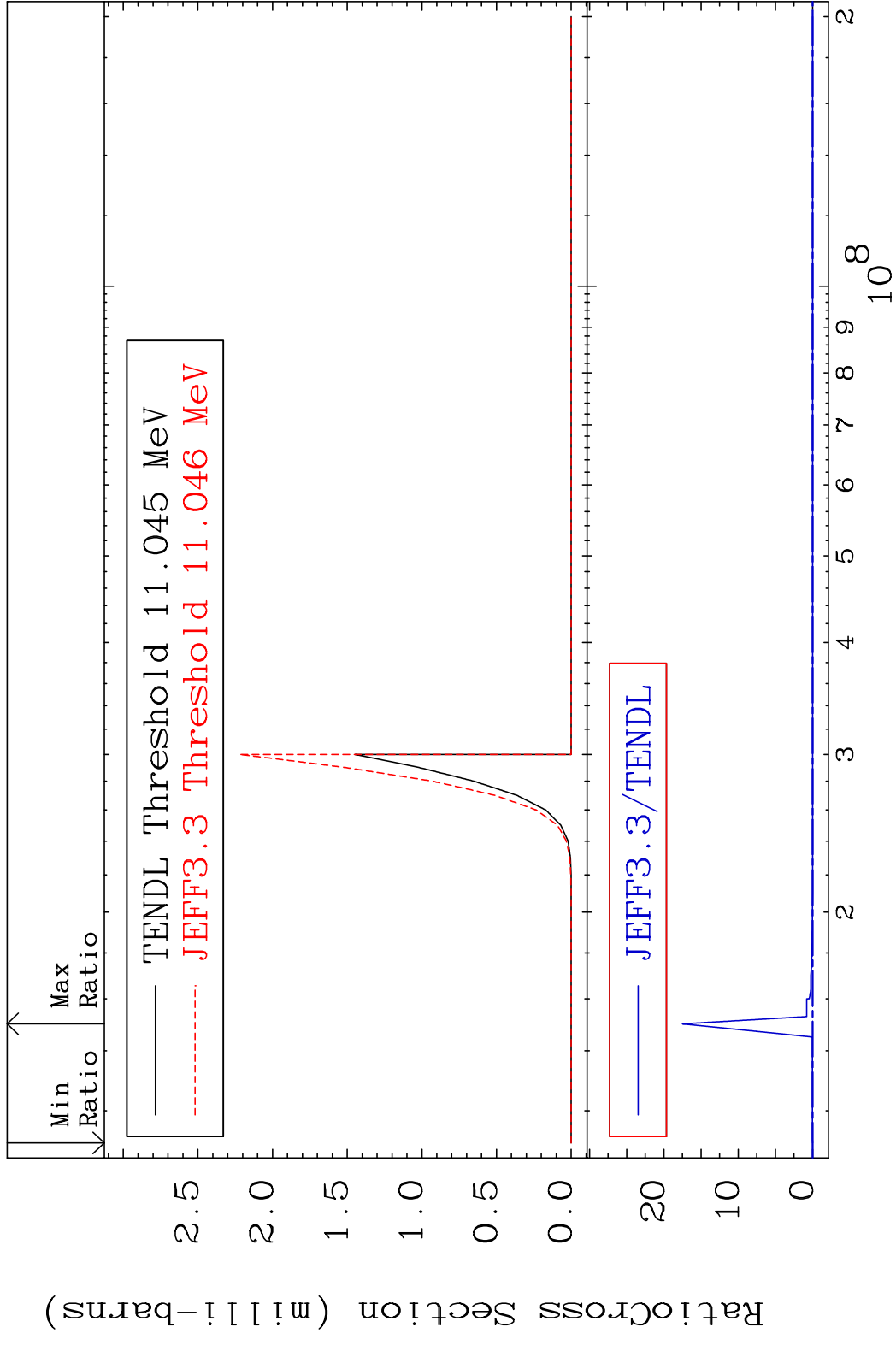


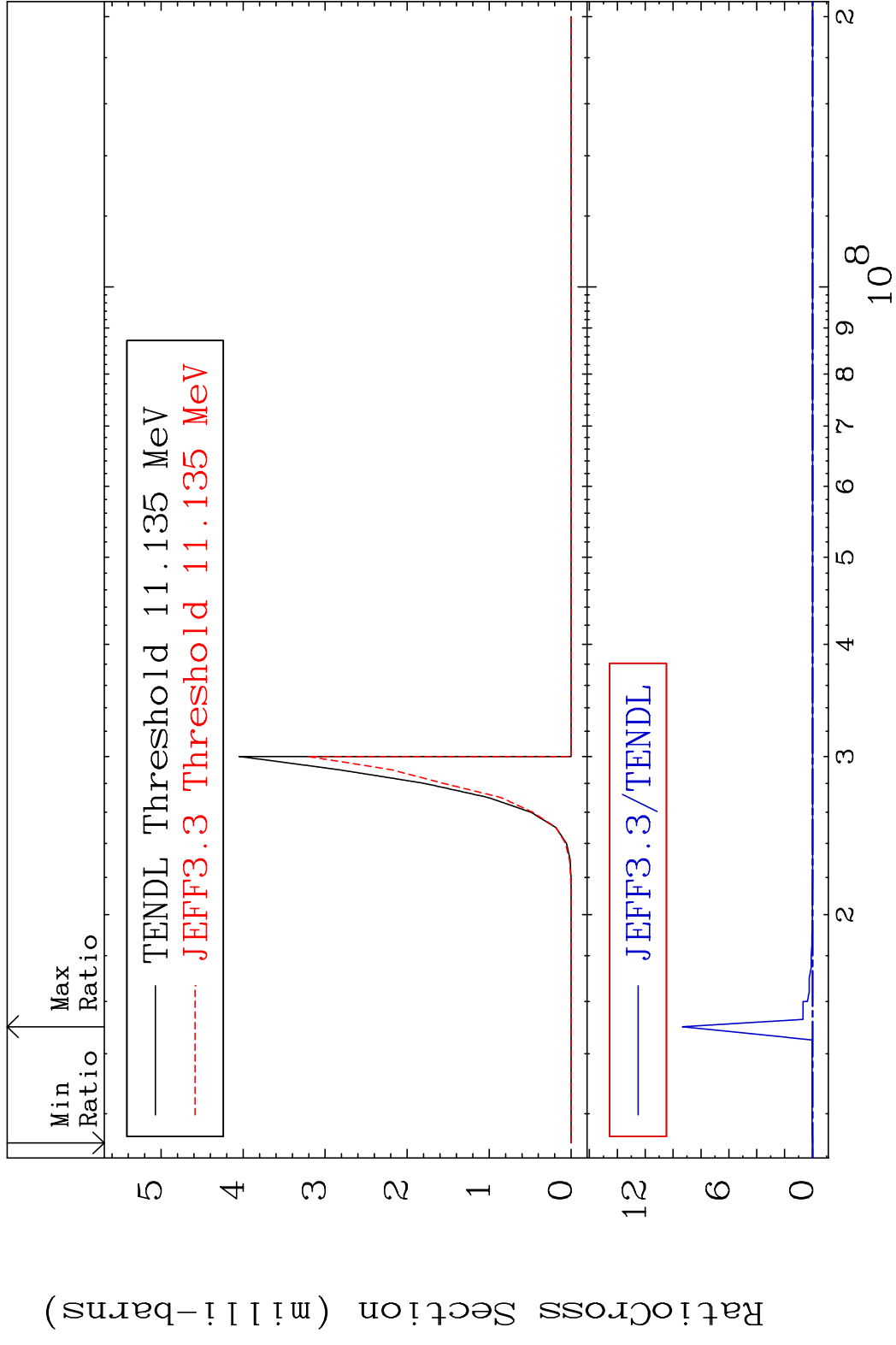
79 Incident Energy (eV) 52-Te-124

MAT 5237 (n,2n):52-Te-123m2 52-Te-124
 Radionuclide Production Cross Section 180.01 dth 63.16 %

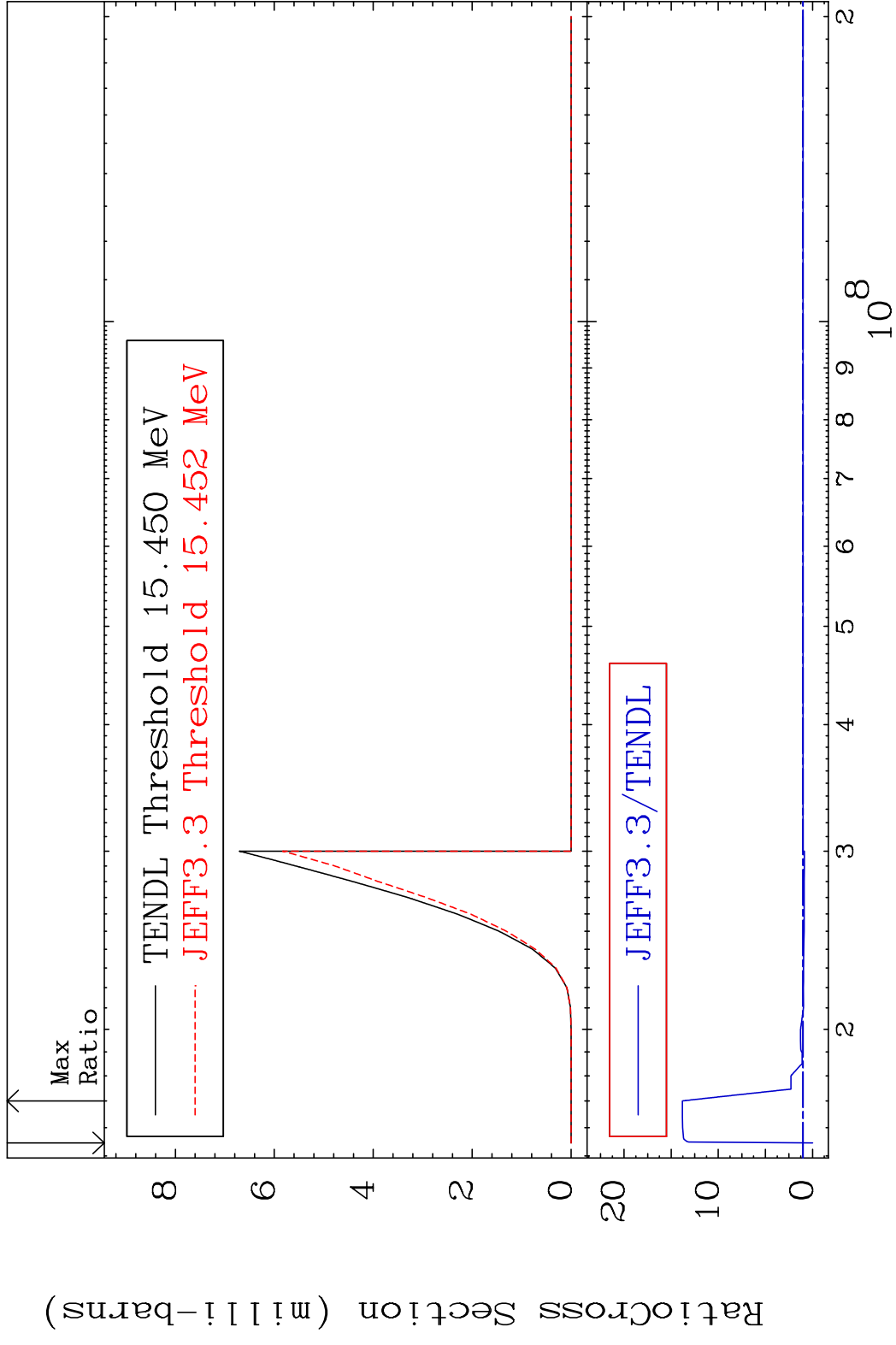


80 Incident Energy (eV) 52-Te-124

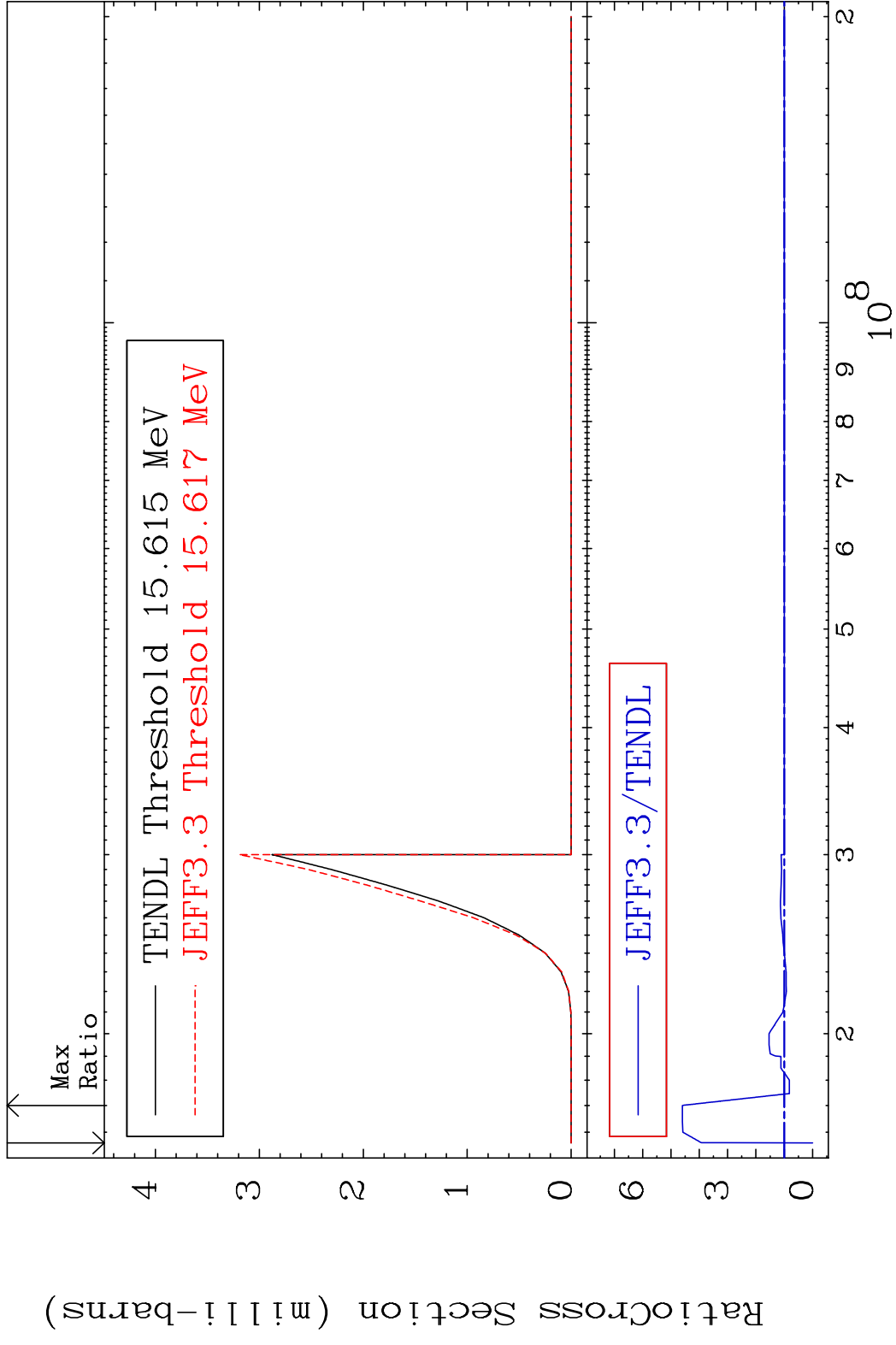




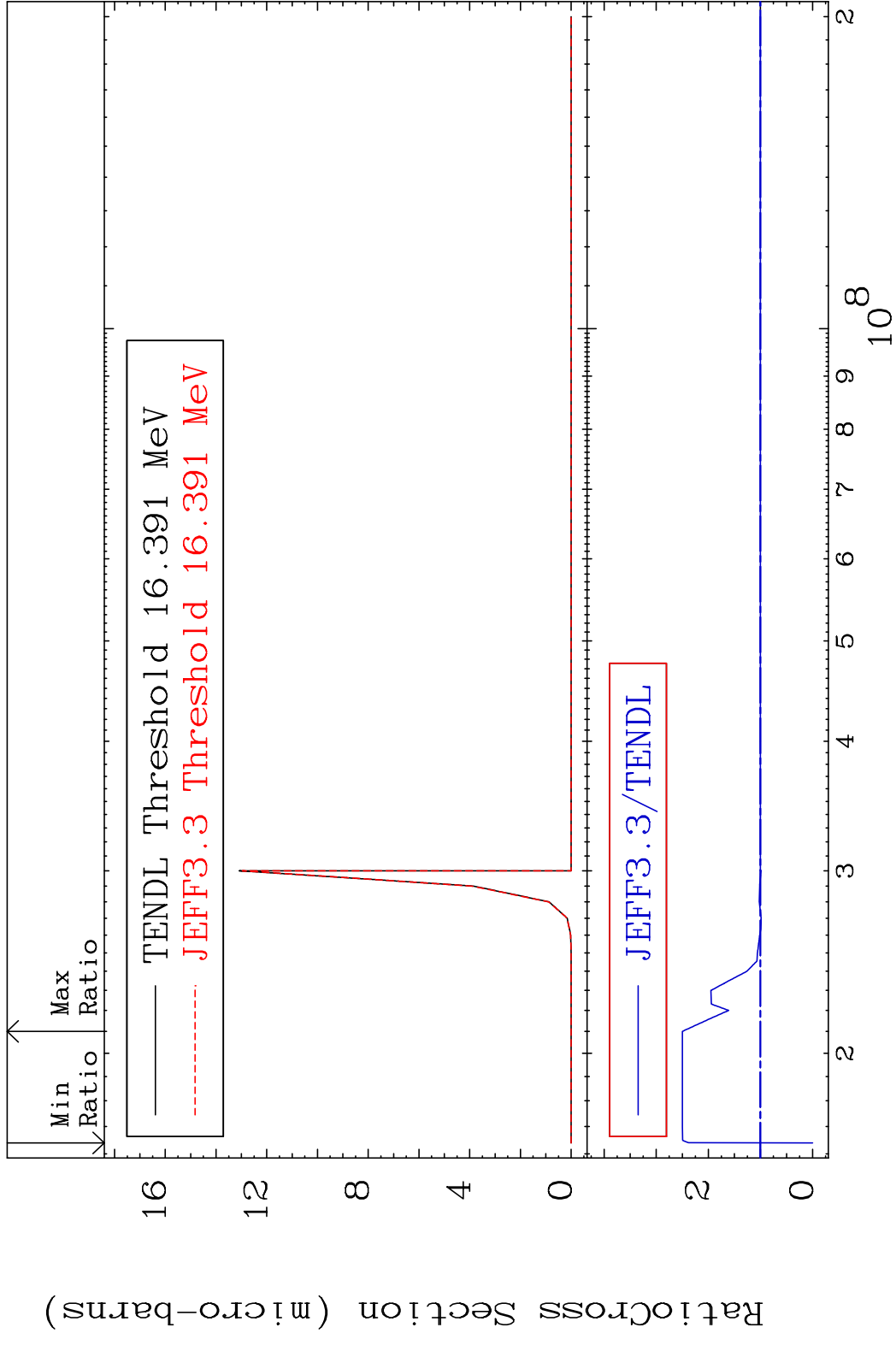
MAT 5237 (n, n') d:51-Sb-122g 52-Te-124
 Radionuclide Production Cross Section 180.01 d to 1281. %



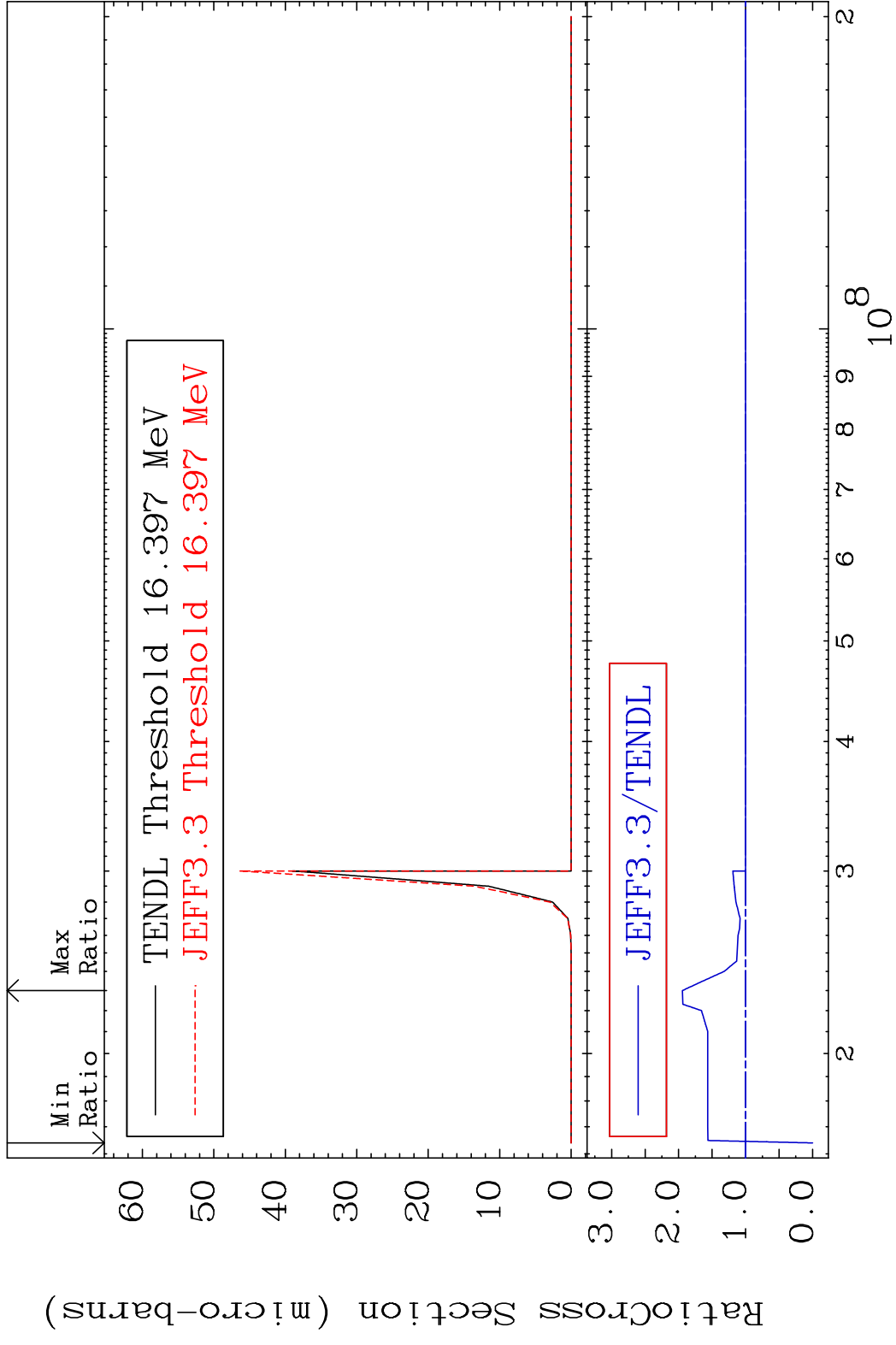
MAT 5237 (n, n') d:51-Sb-122m5 52-Te-124
 Radionuclide Production Cross Section Ratio 359.9 %



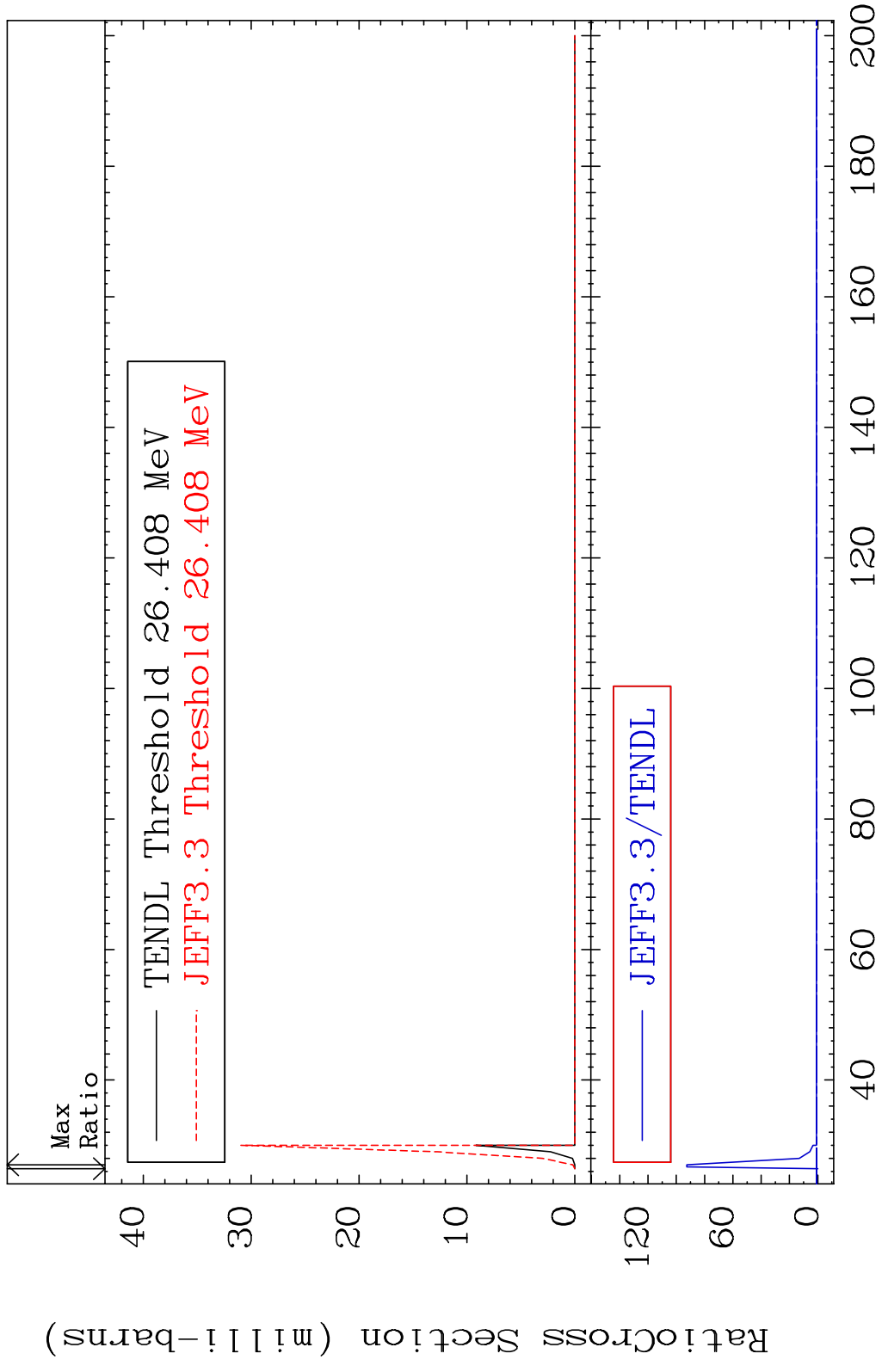
MAT 5237 (n, n') He-3:50-Sn-121g 52-Te-124
 Radionuclide Production Cross Section 149.9 %



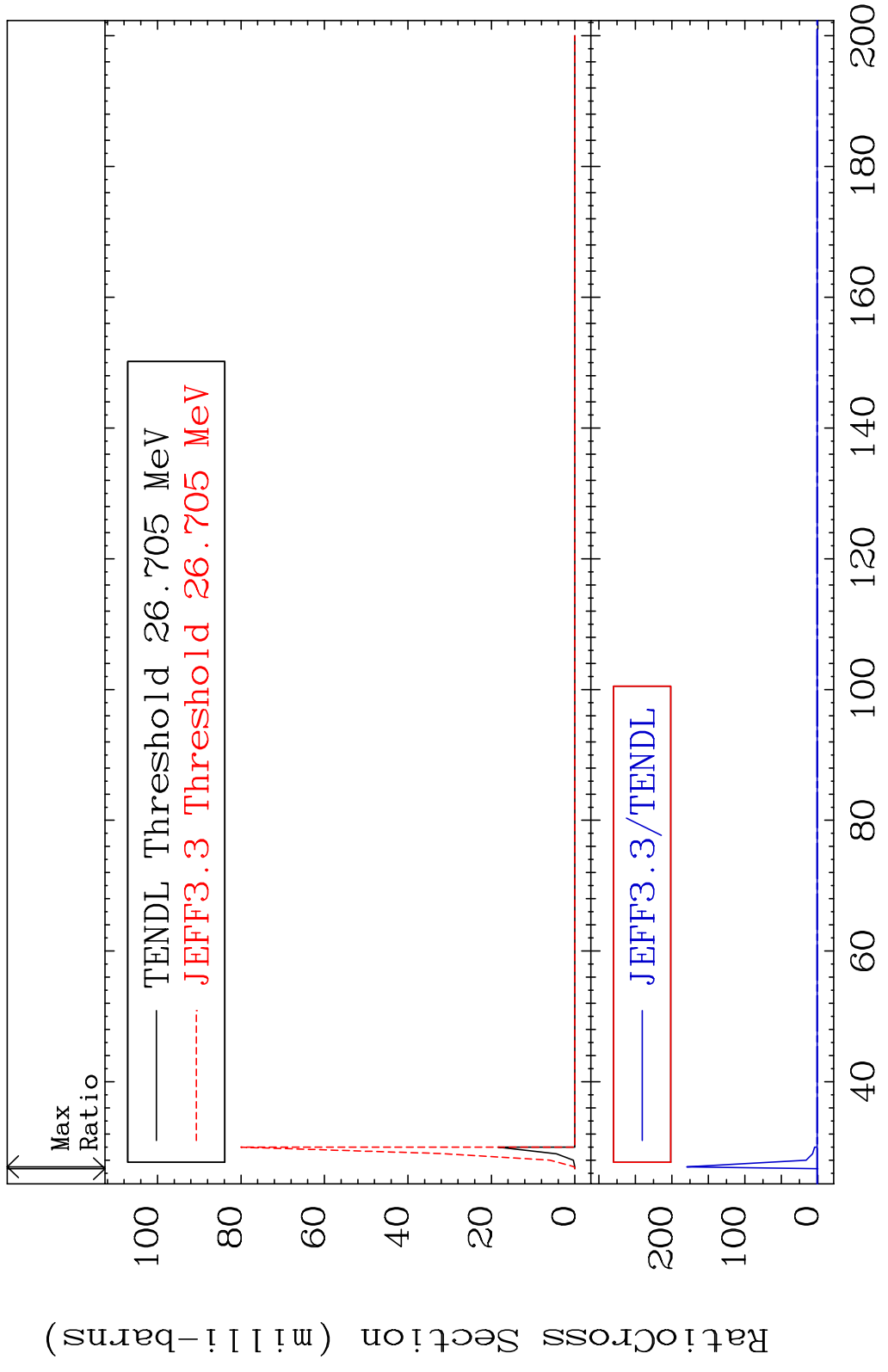
MAT 5237 (n, n') He-3:50-Sn-121m1 52-Te-124
 Radionuclide Production Cross Section Ratio 94.41 %



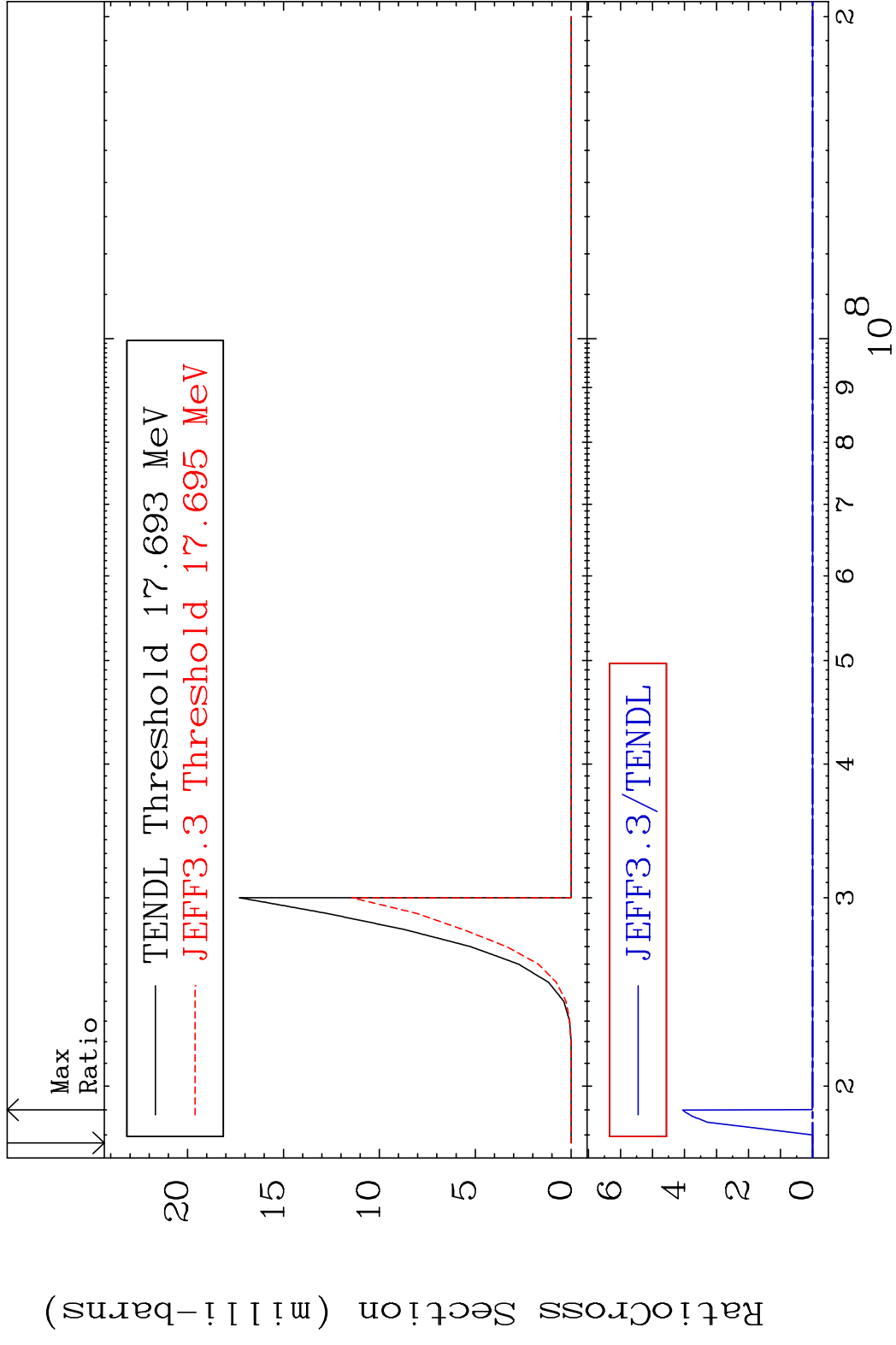
MAT 5237 (n,4n):52-Te-121g 52-Te-124
 Radionuclide Production Cross Section Ratio 9160. %



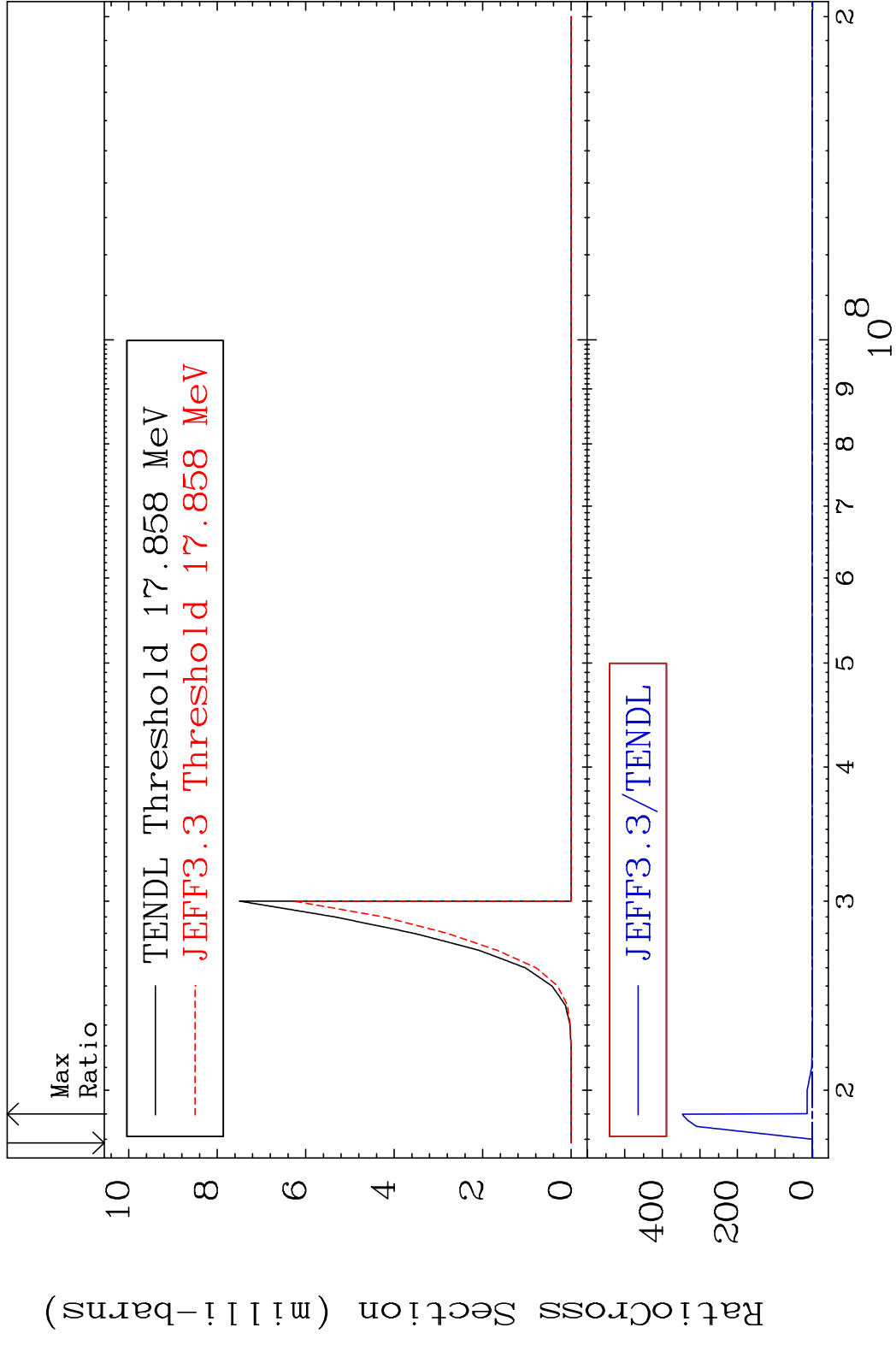
MAT 5237 (n, 4n):52-Te-121m2 52-Te-124
 Radionuclide Production Cross Section 1800.0 dth 9999. %

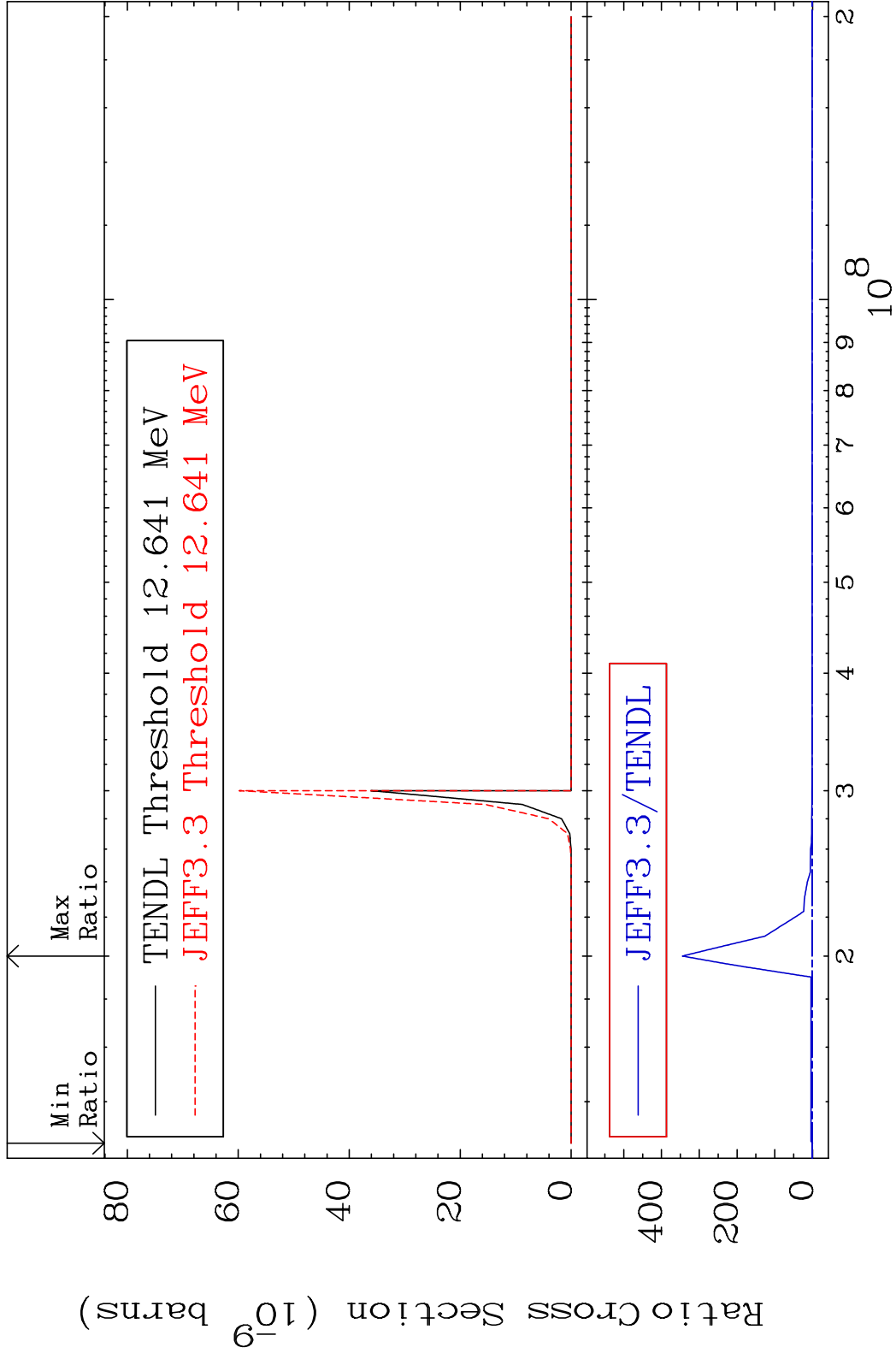


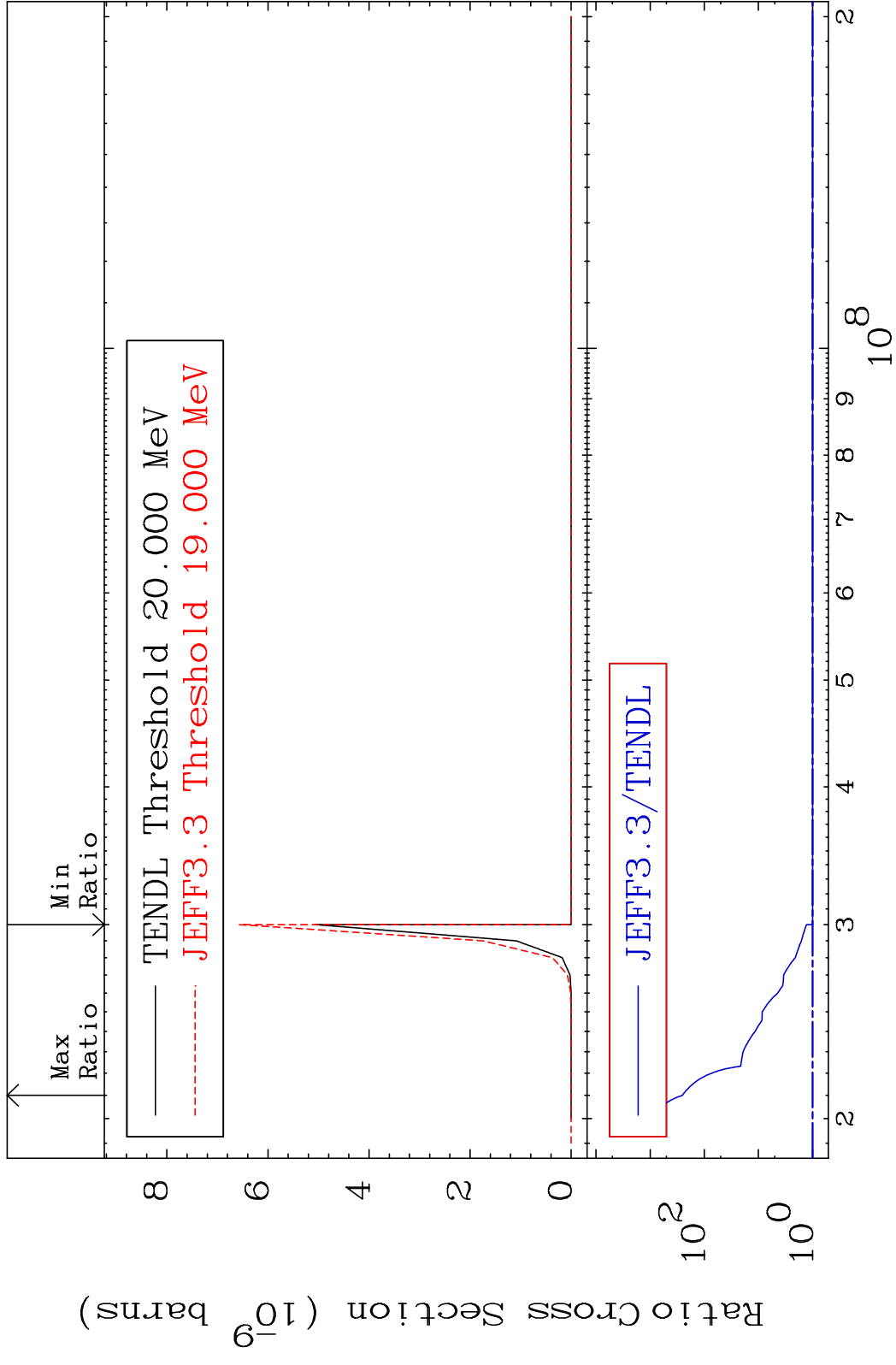
MAT 5237 (n,2n) p:51-Sb-122g 52-Te-124
 Radionuclide Production Cross Section 1800 d to 9999. %

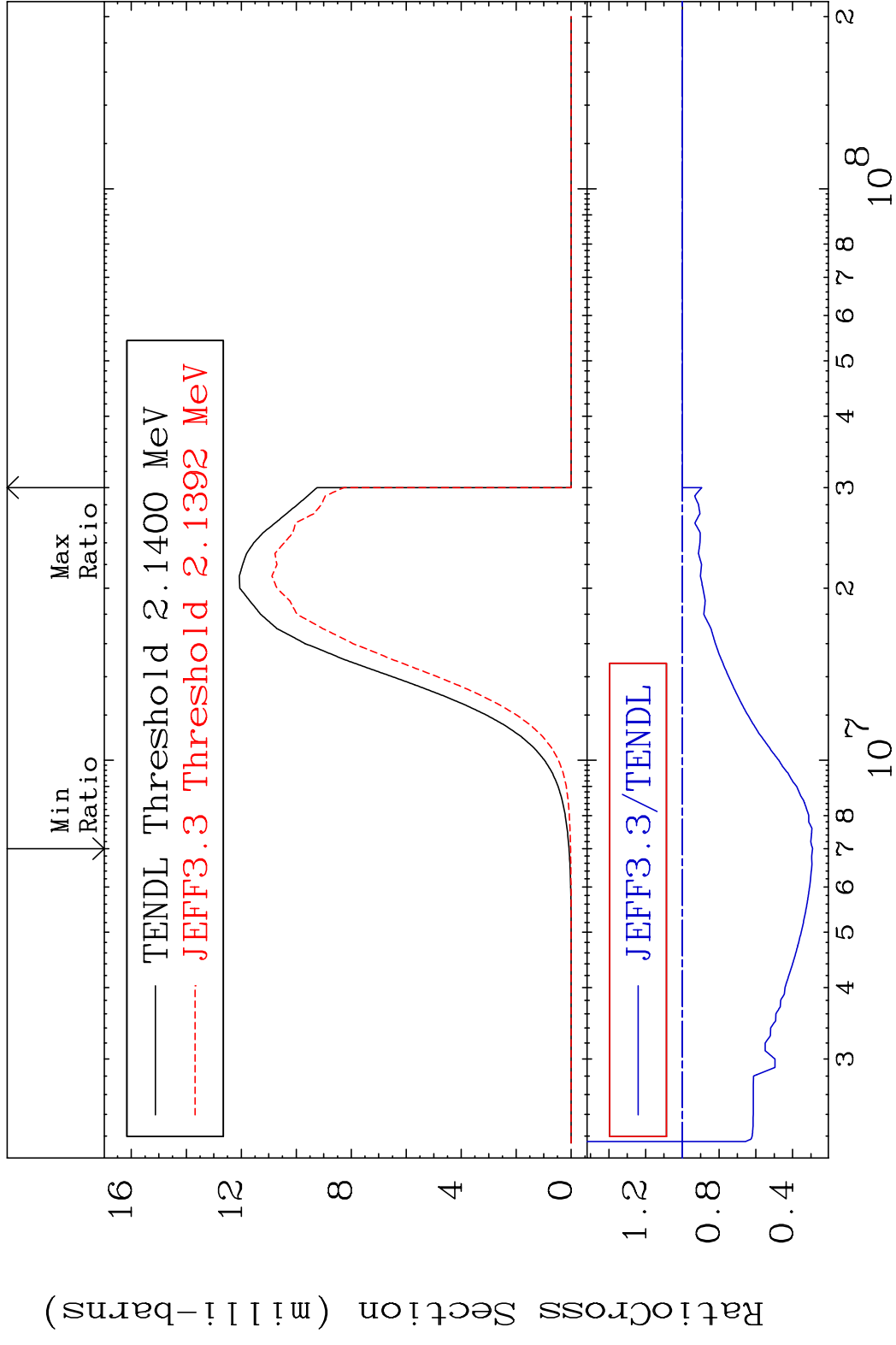


MAT 5237 (n,2n) p:51-Sb-122m5 52-Te-124
 Radionuclide Production Cross Section to 9999. %

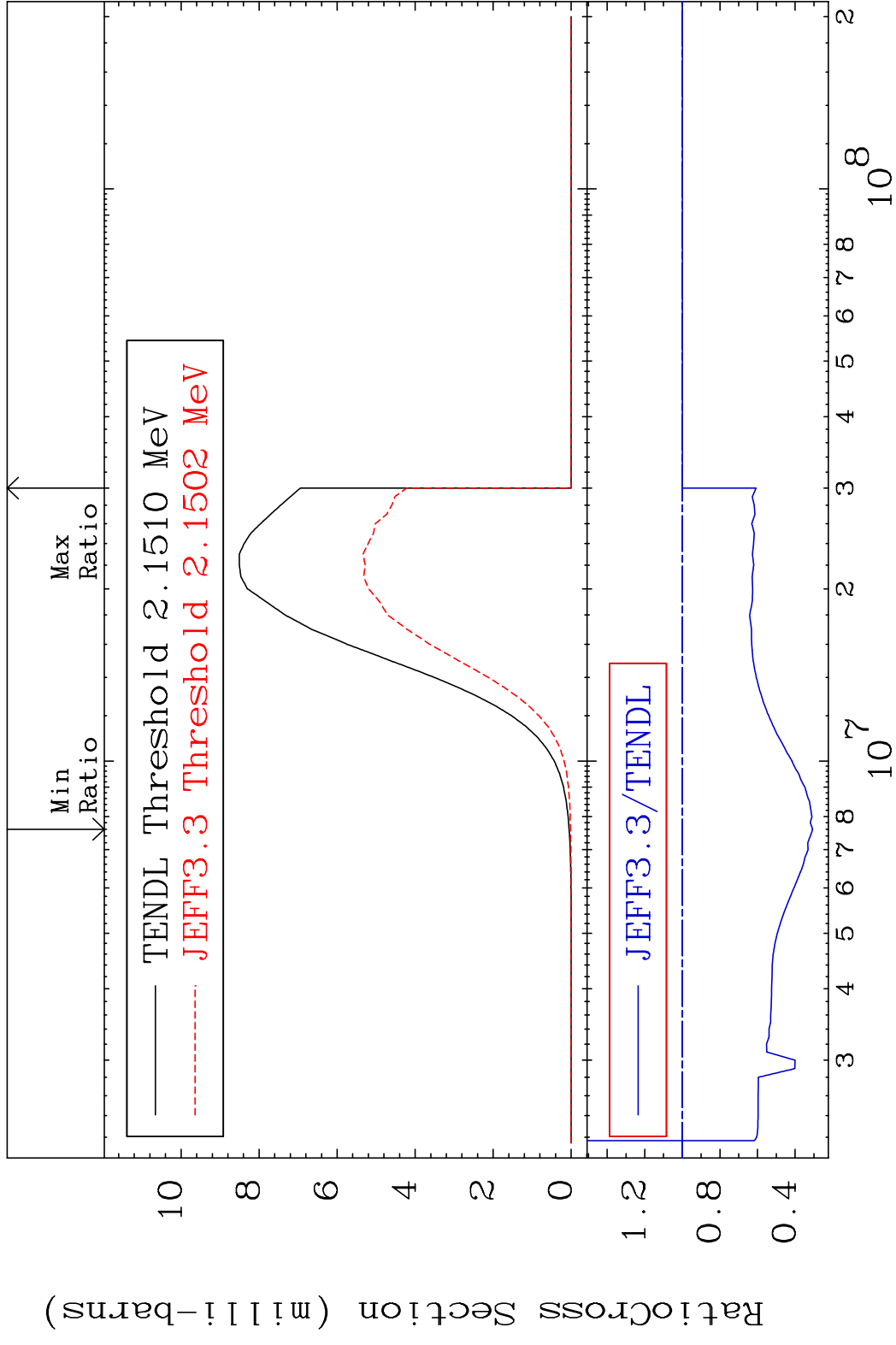




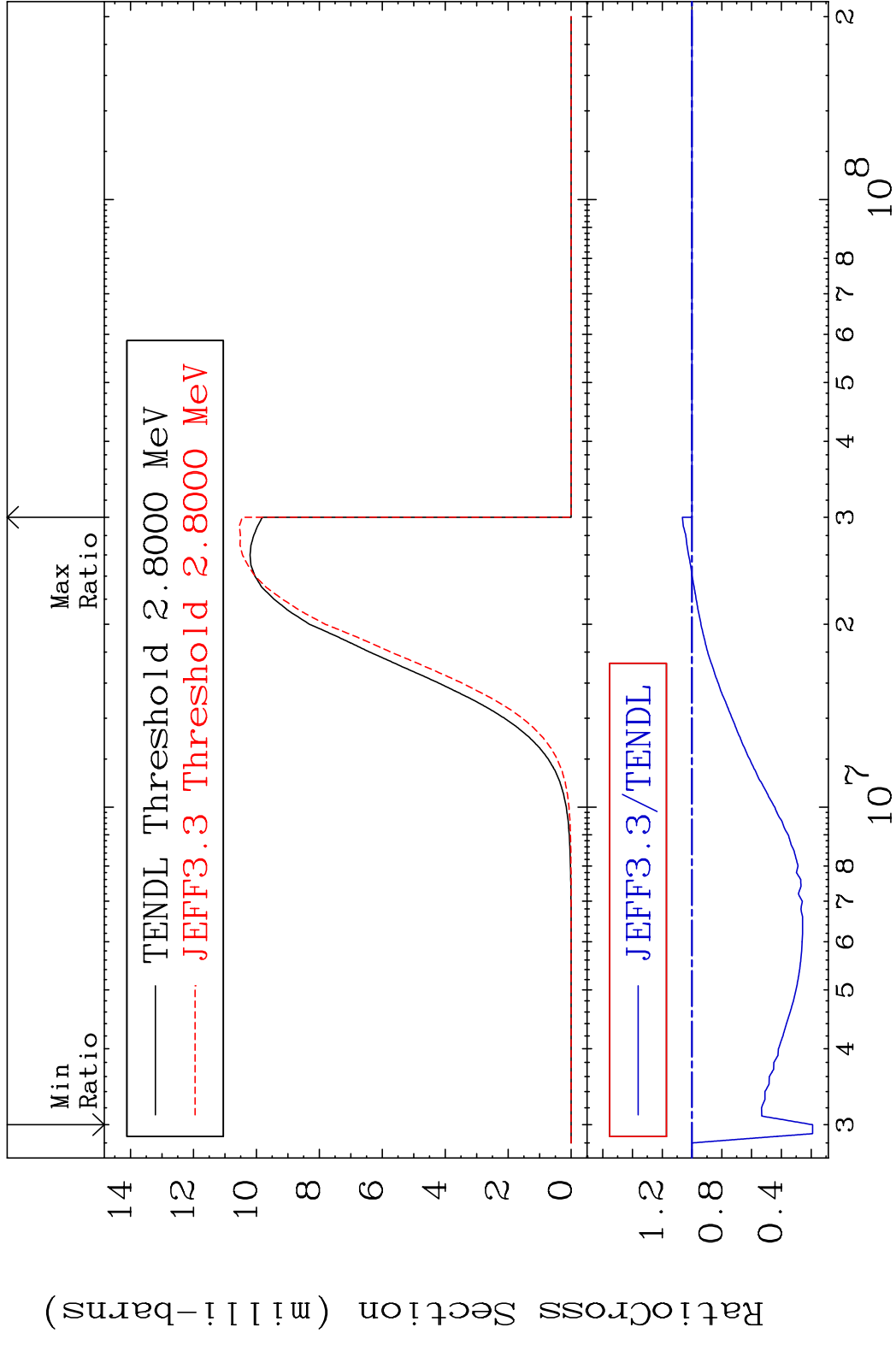




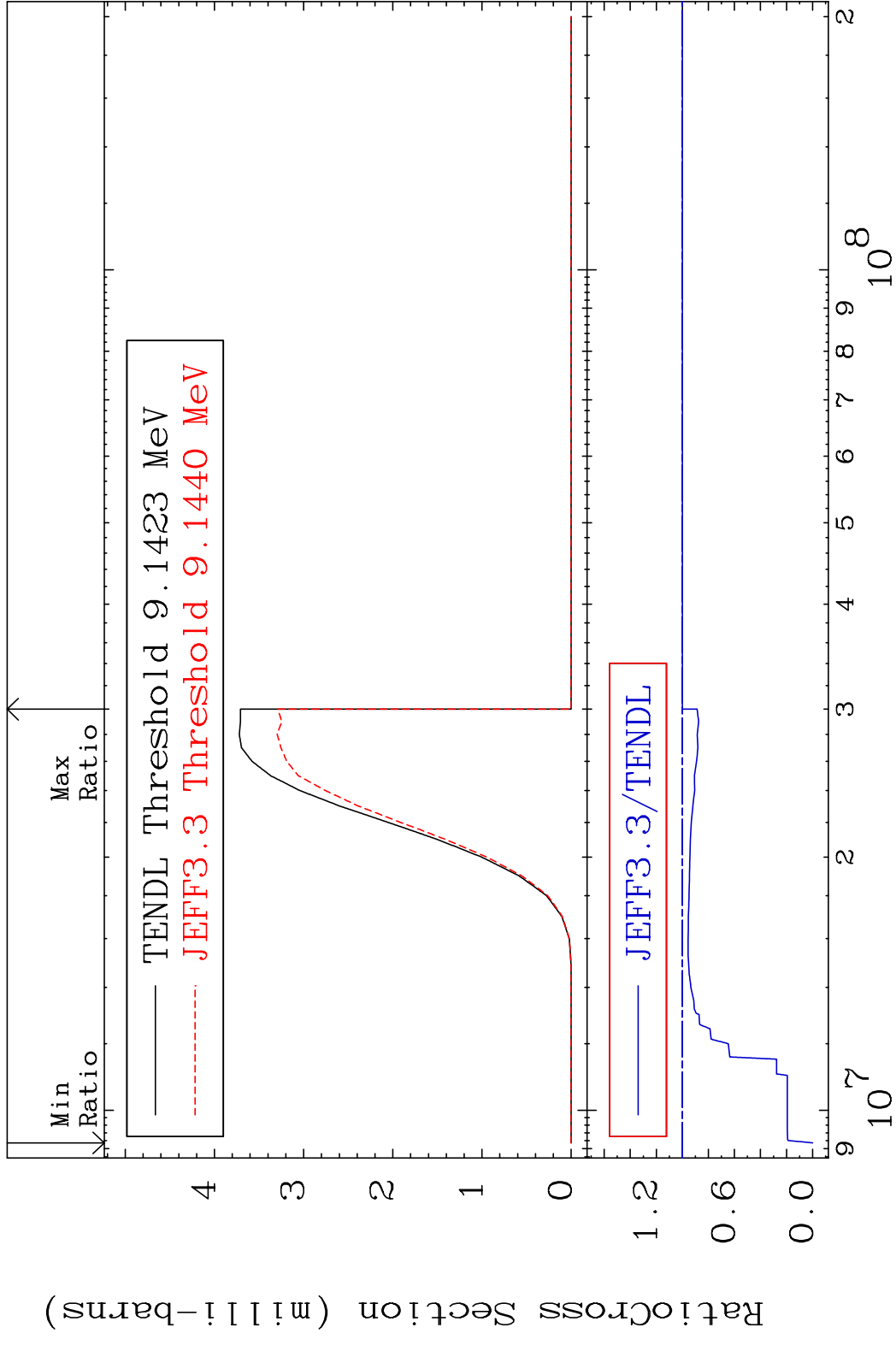
MAT 5237 (n, p):51-Sb-124m1 52-Te-124
 Radionuclide Production Cross Section 0.000 %



MAT 5237 (n, p):51-Sb-124m2 52-Te-124
 Radionuclide Production Cross Section 6.496 %

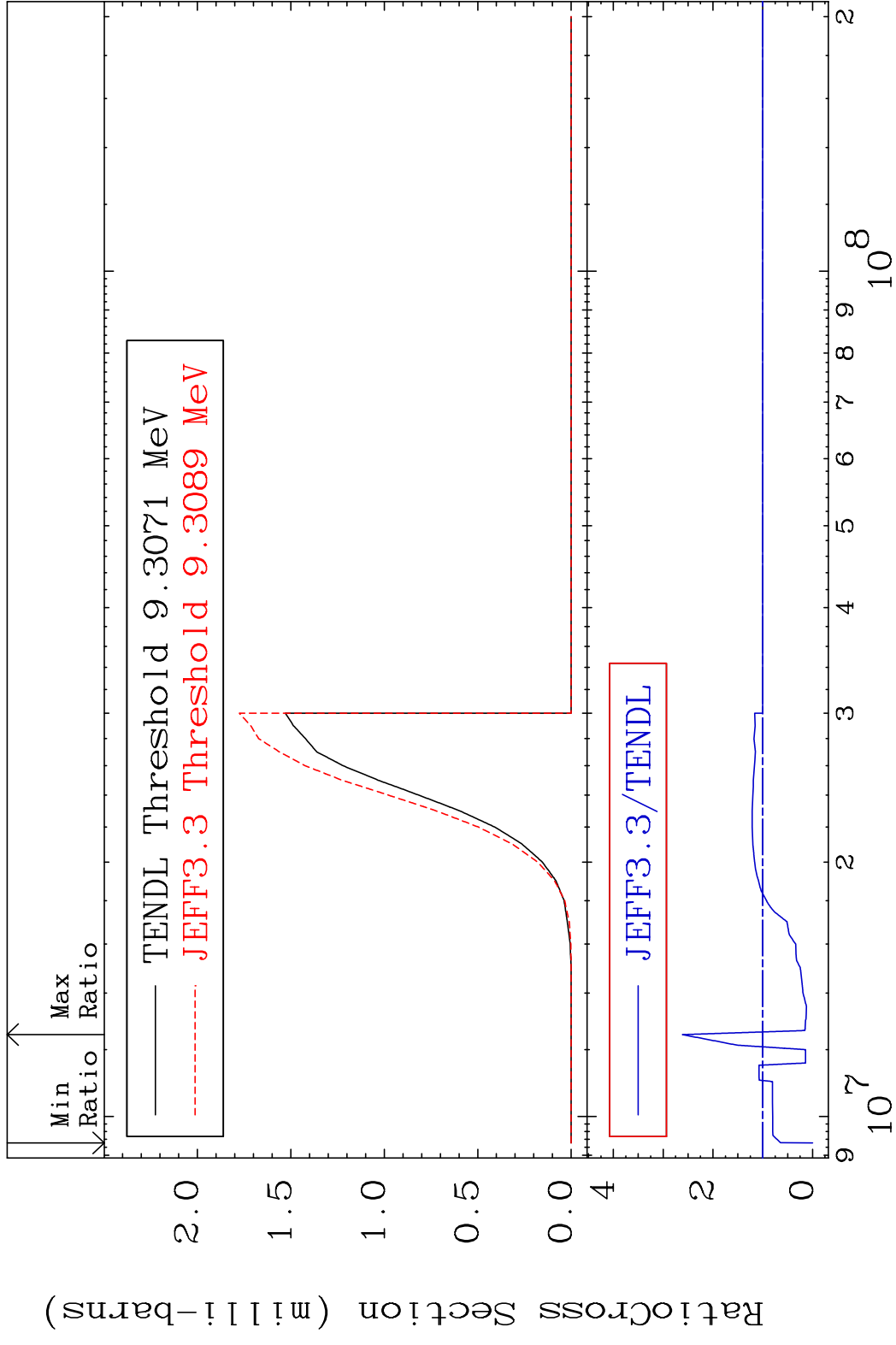


MAT 5237 (n, t):51-Sb-122g 52-Te-124
 Radionuclide Production Cross Section 0.000 %



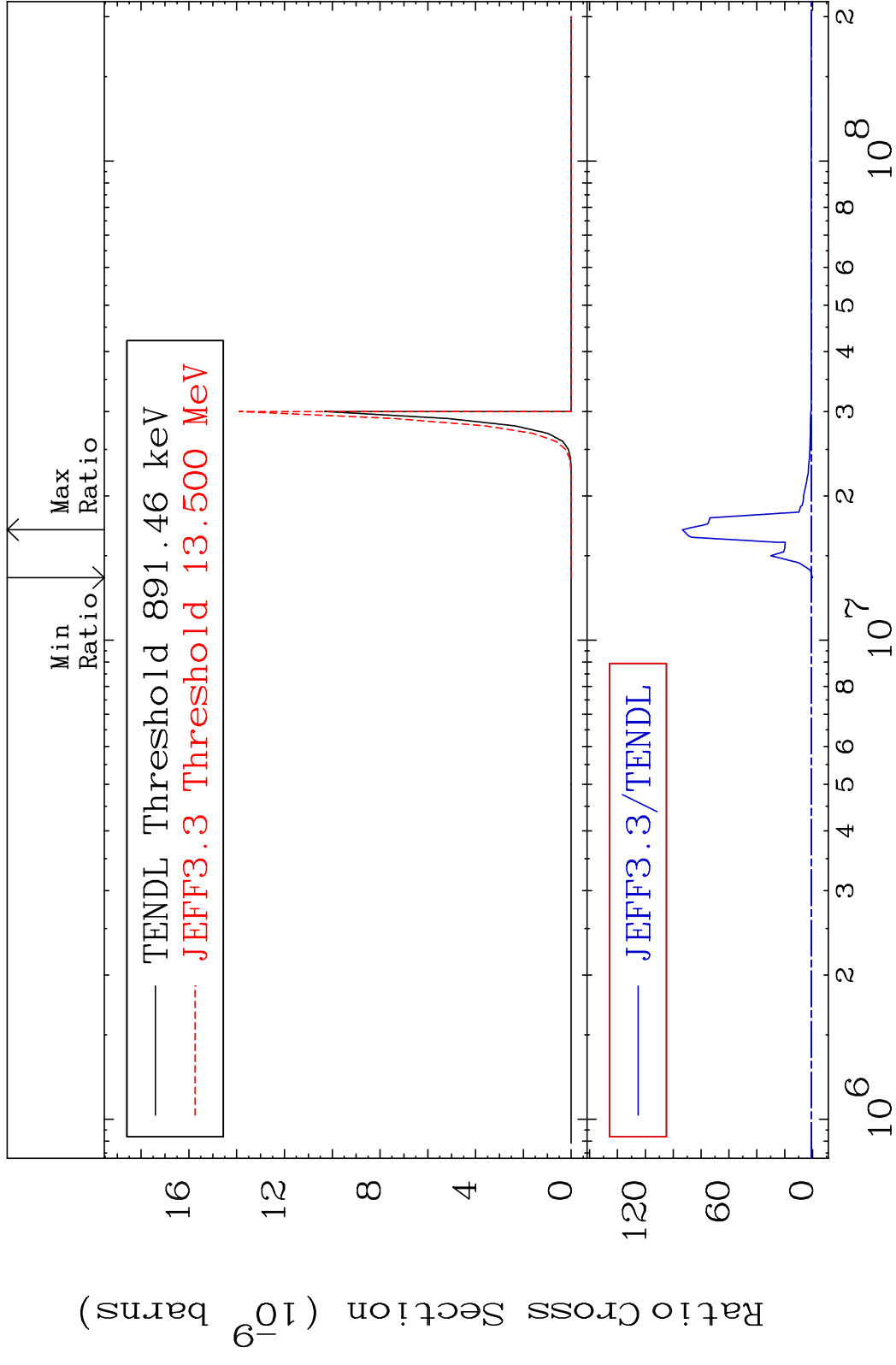
96 52-Te-124

MAT 5237 (n, t):51-Sb-122m5 52-Te-124
 Radionuclide Production Cross Section 180.01 dth 161.4 %



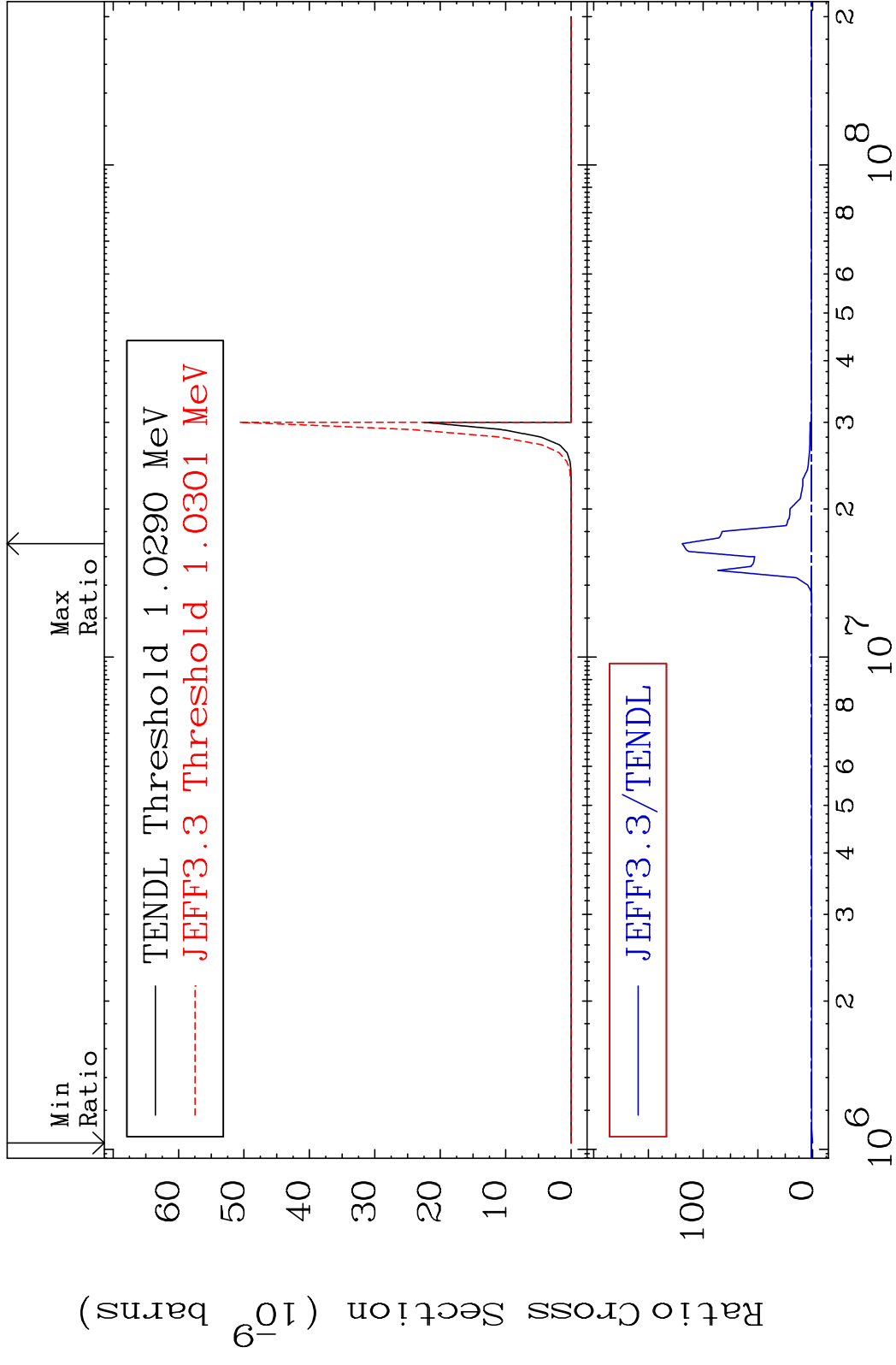
97 Incident Energy (eV) 52-Te-124

MAT 5237 (n,2α):48-Cd-117g 52-Te-124
 Radionuclide Production Cross Section 1800 to 9245. %



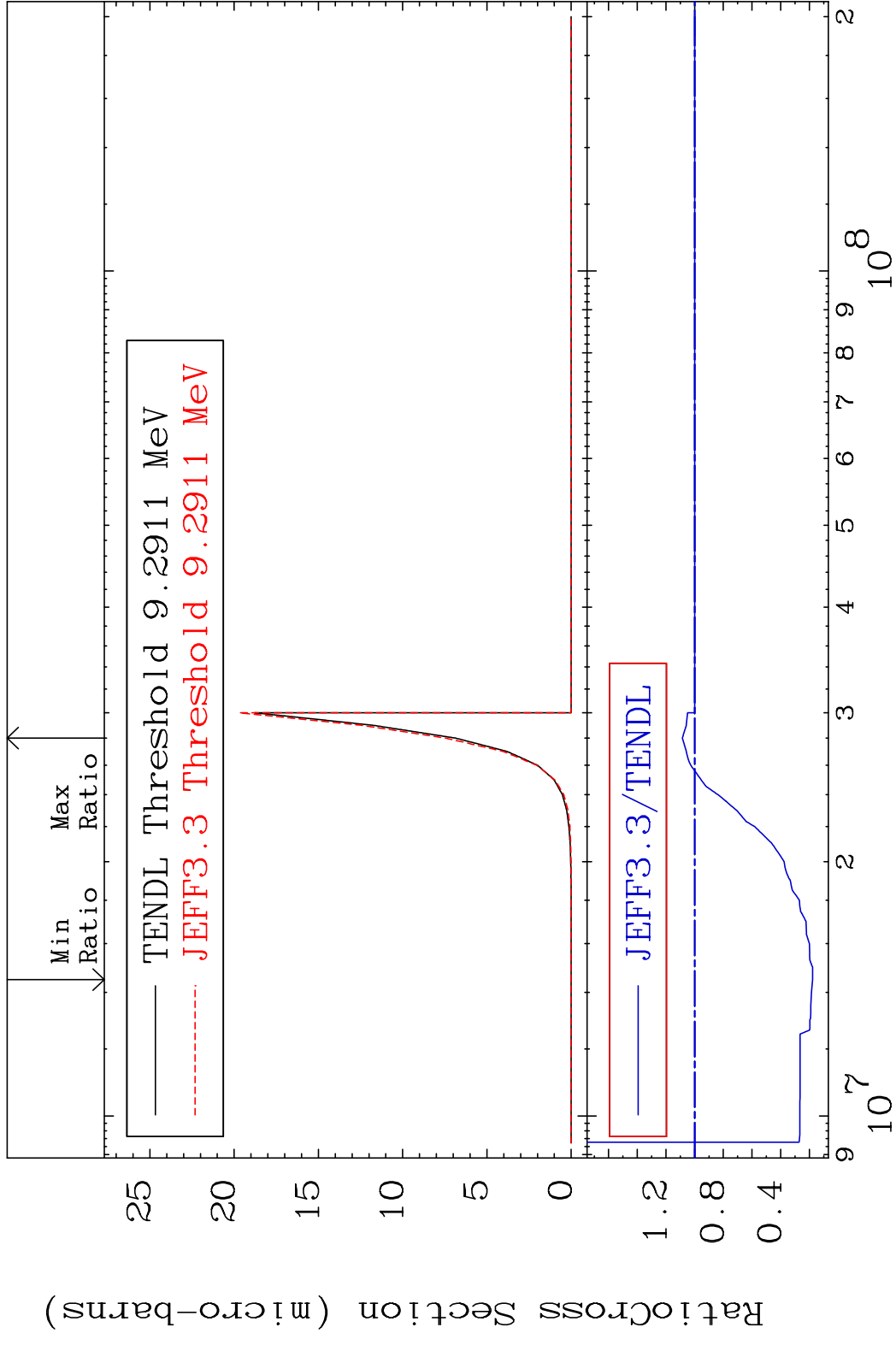
98 Incident Energy (eV) 52-Te-124

MAT 5237 (n, 2α) : 48-Cd-117m2 52-Te-124
 Radionuclide Production Cross Section Ratio 9999. %



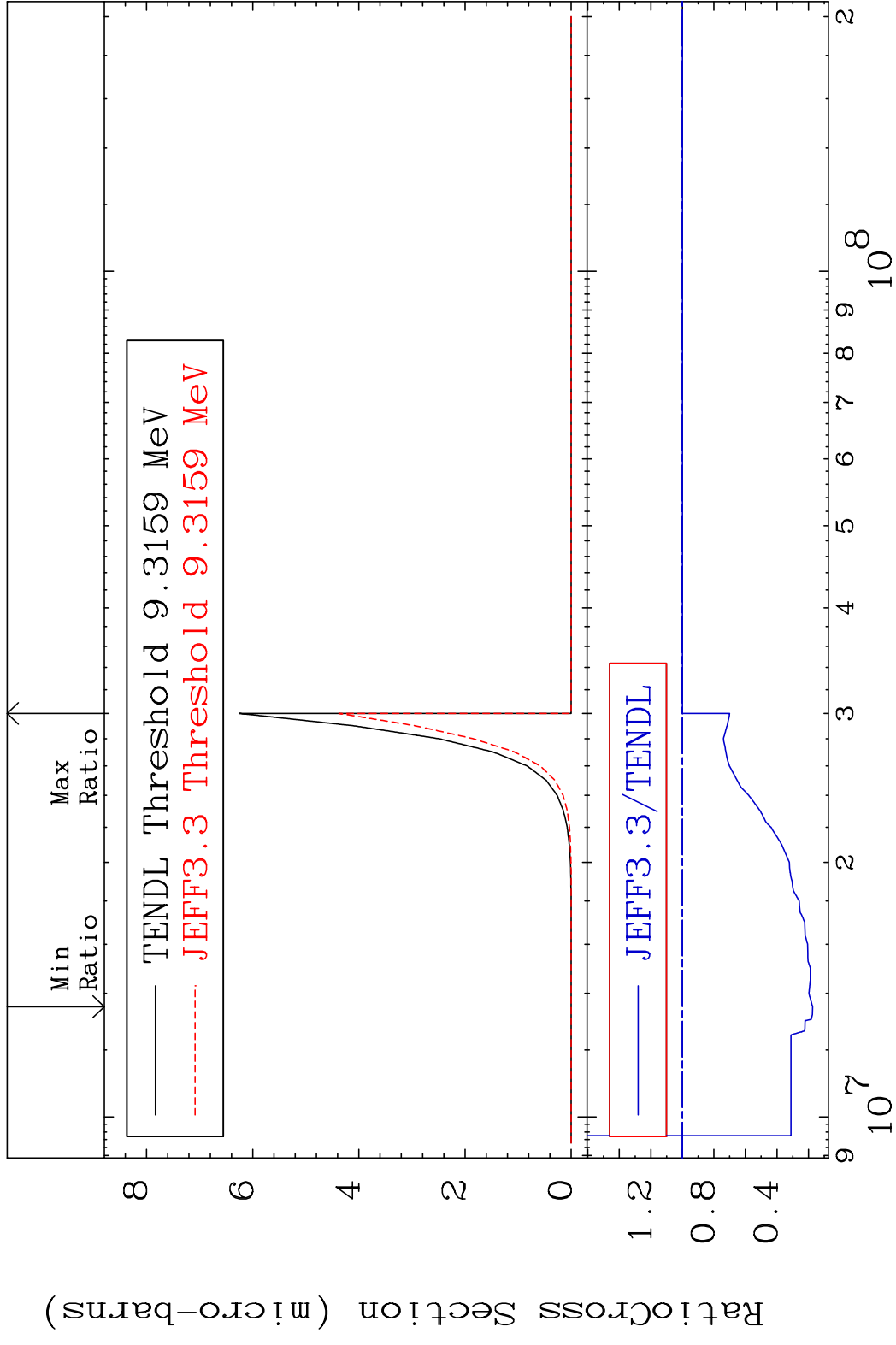
99 Incident Energy (eV) 52-Te-124

MAT 5237 (n,2p):50-Sn-123g 52-Te-124
 Radionuclide Production Cross Section 82.241 dth 8.559 %



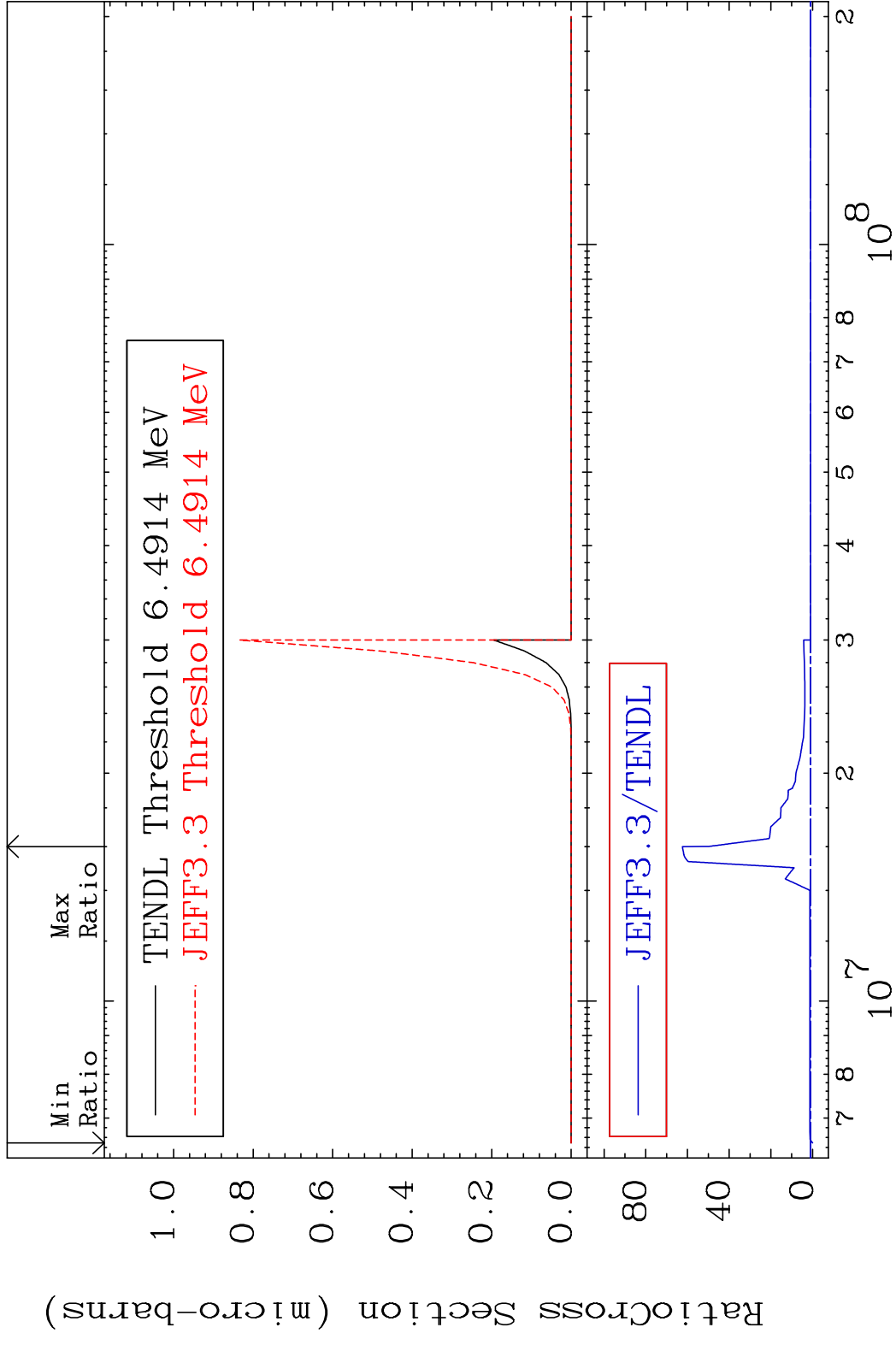
100 1000 10000 100000 1000000 10000000 100000000 52-Te-124

MAT 5237 (n, 2p):50-Sn-123m1 52-Te-124
 Radionuclide Production Cross Section 0.000 %

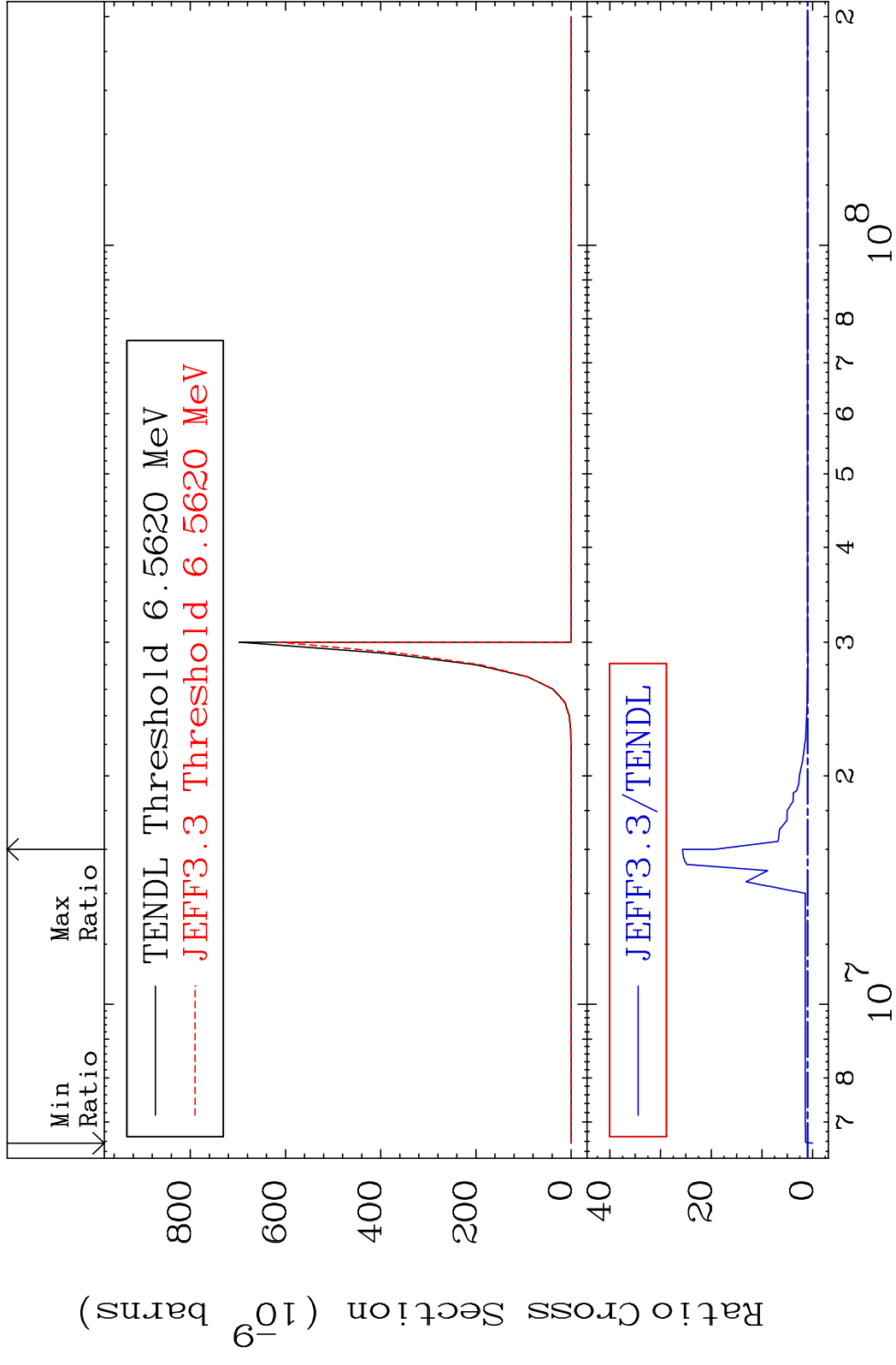


101 52-Te-124

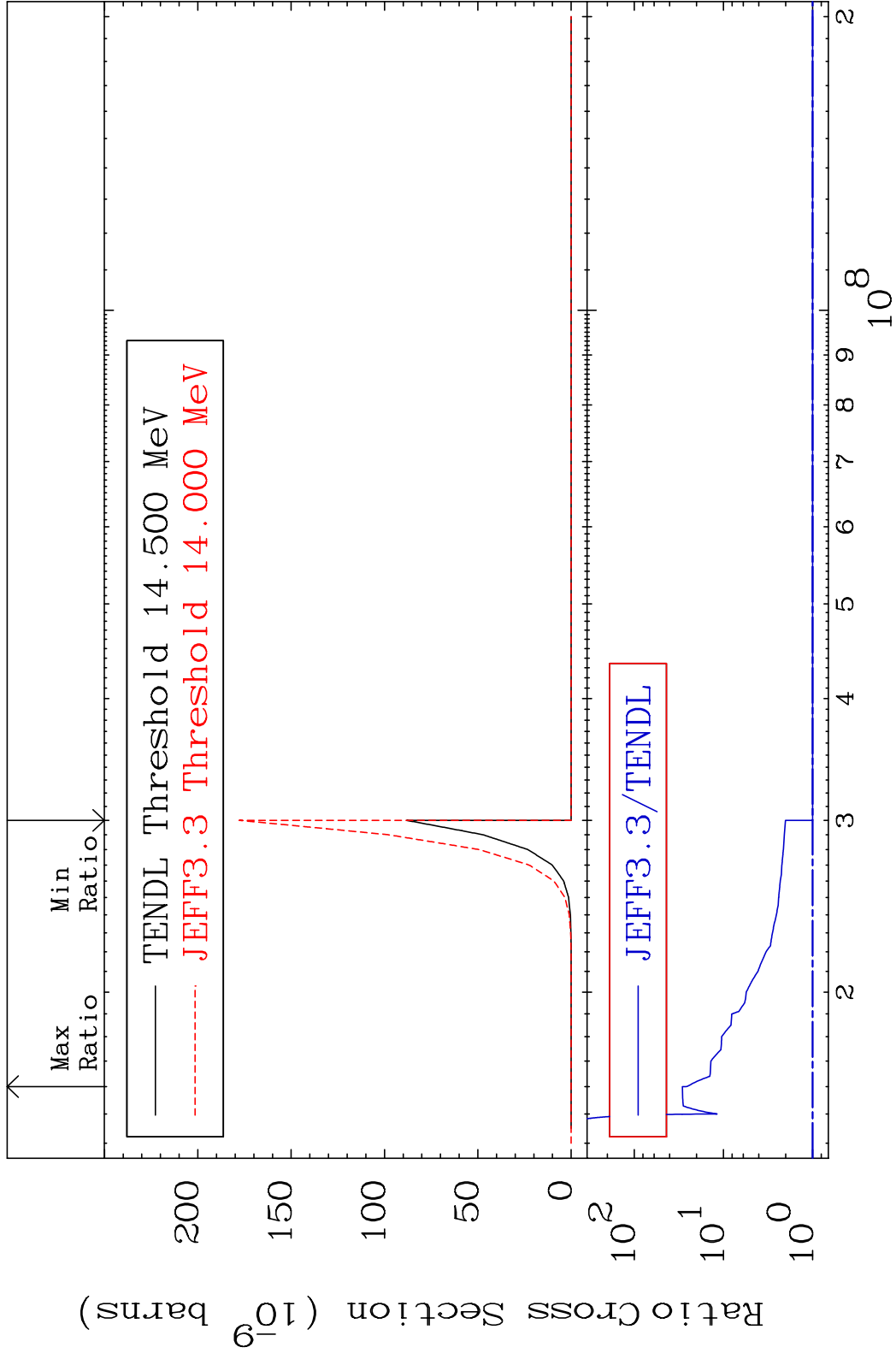
MAT 5237 (n,p) α :49-In-120g 52-Te-124
 Radionuclide Production Cross Section 1800 d to 6146. %



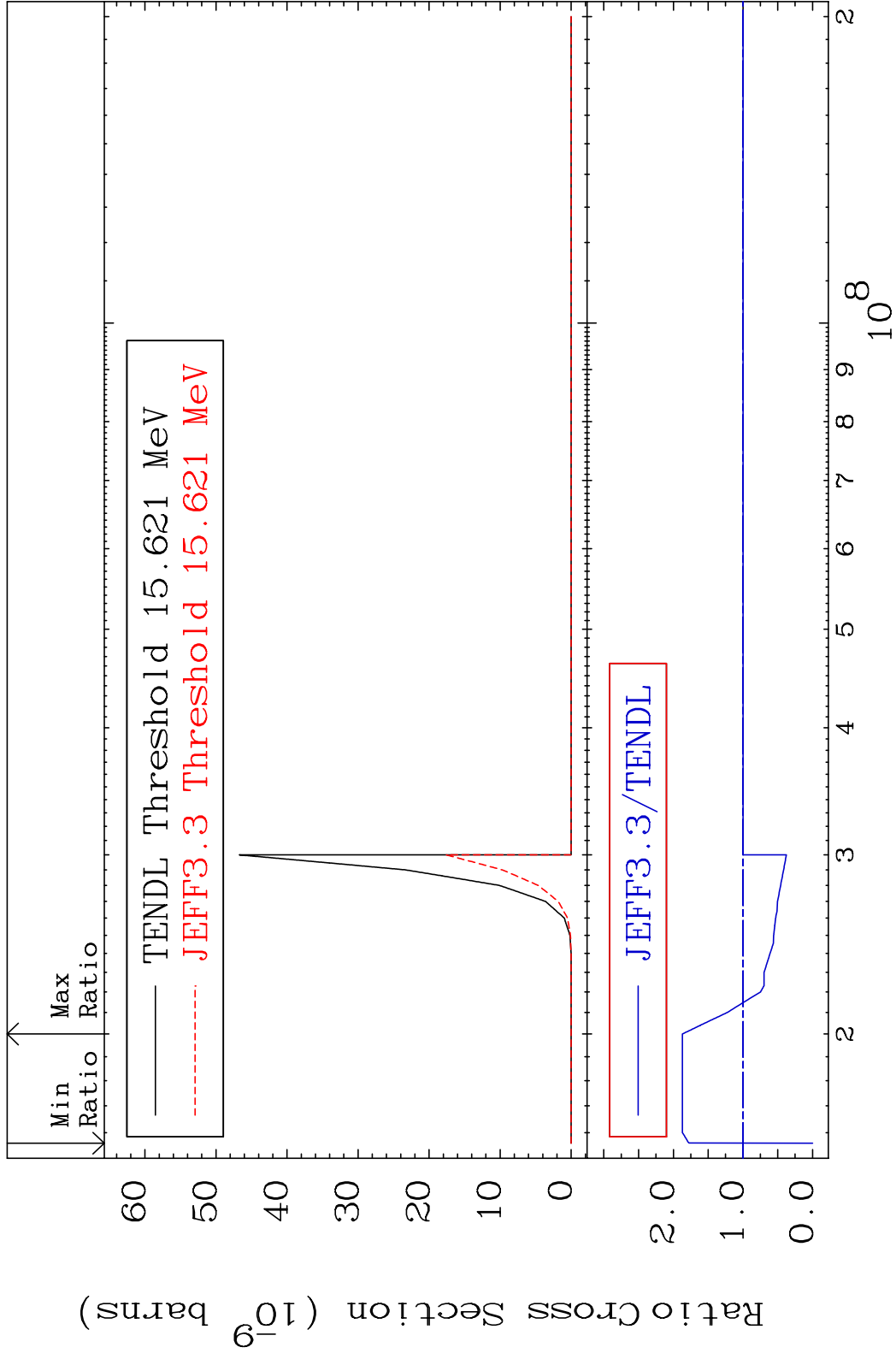
MAT 5237 (n, p) α : 49-In-120m1 52-Te-124
 Radionuclide Production Cross Section Ratio 2470. %



103 Incident Energy (eV) 52-Te-124



MAT 5237 (n,p) t:50-Sn-121g 52-Te-124
 Radionuclide Production Cross Section 180.01 dth 87.11 %



MAT 5237 (n, p) t:50-Sn-121m1 52-Te-124
 Radionuclide Production Cross Section 180.01 dth 78.20 %

