

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

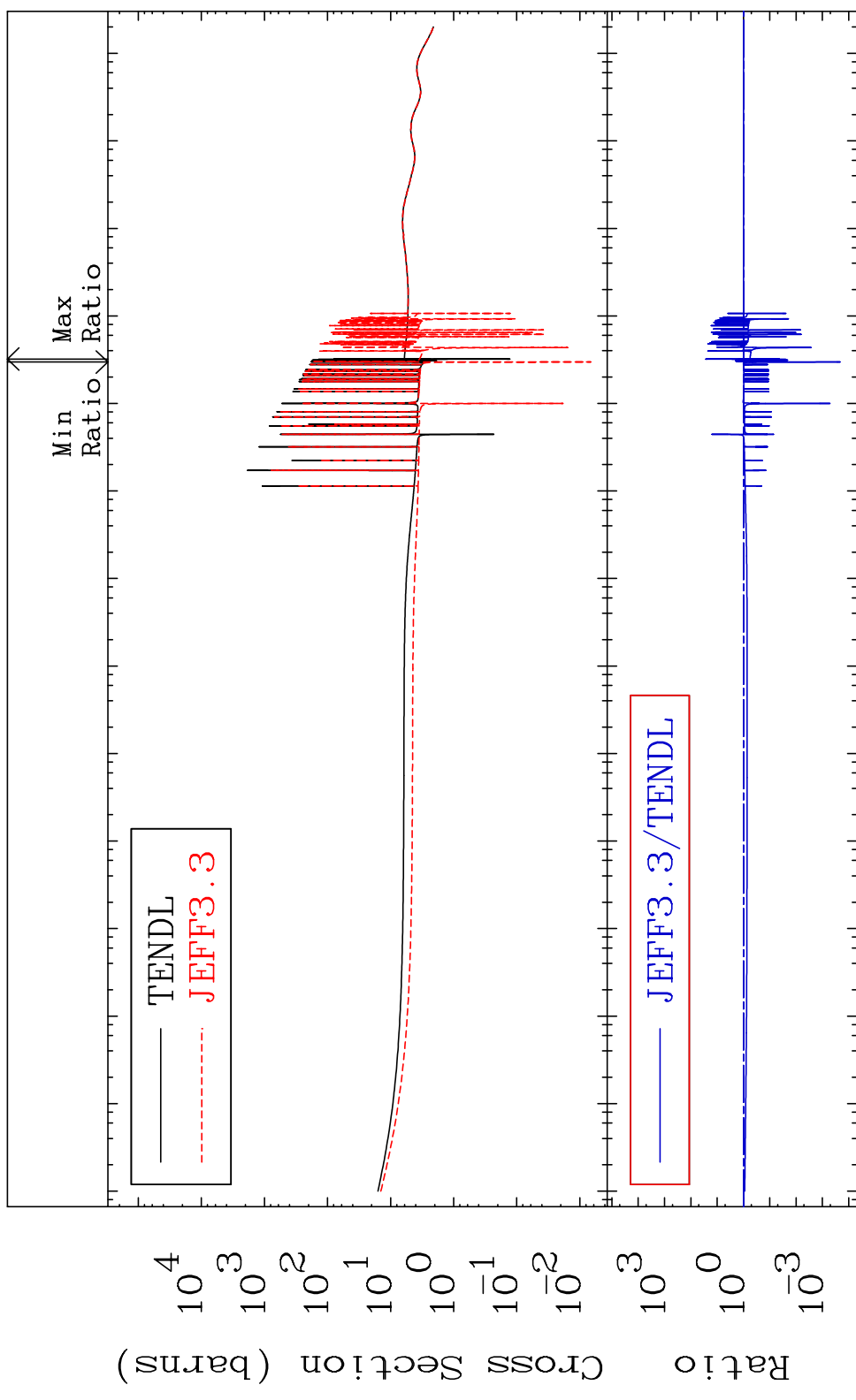
MAT 5255

Total

52-Te-130

Cross Section

-99.98 To 2606. %



1

Incident Energy (eV)

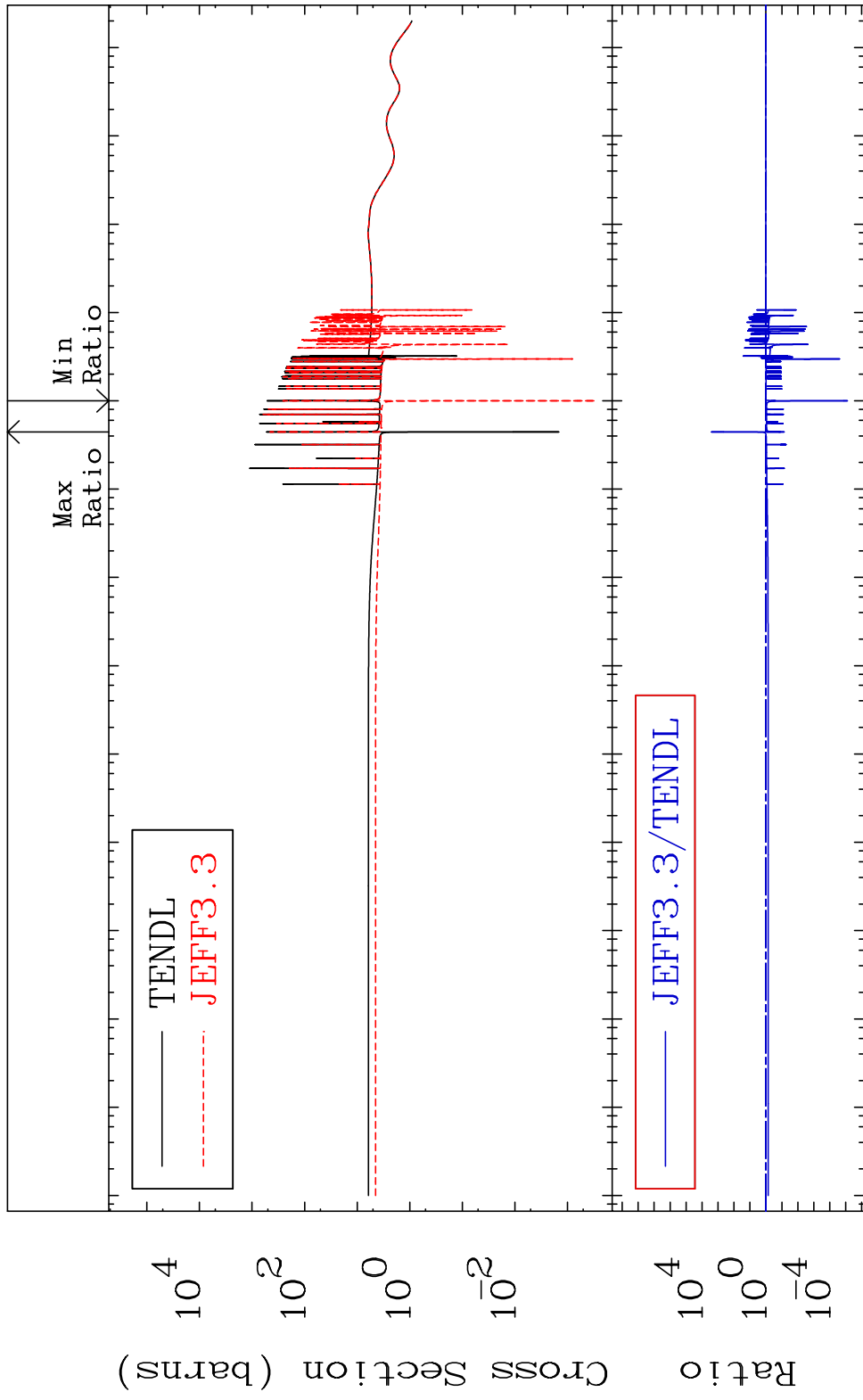
52-Te-130

MAT 5255

Elastic

52-Te-130

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

52-Te-130

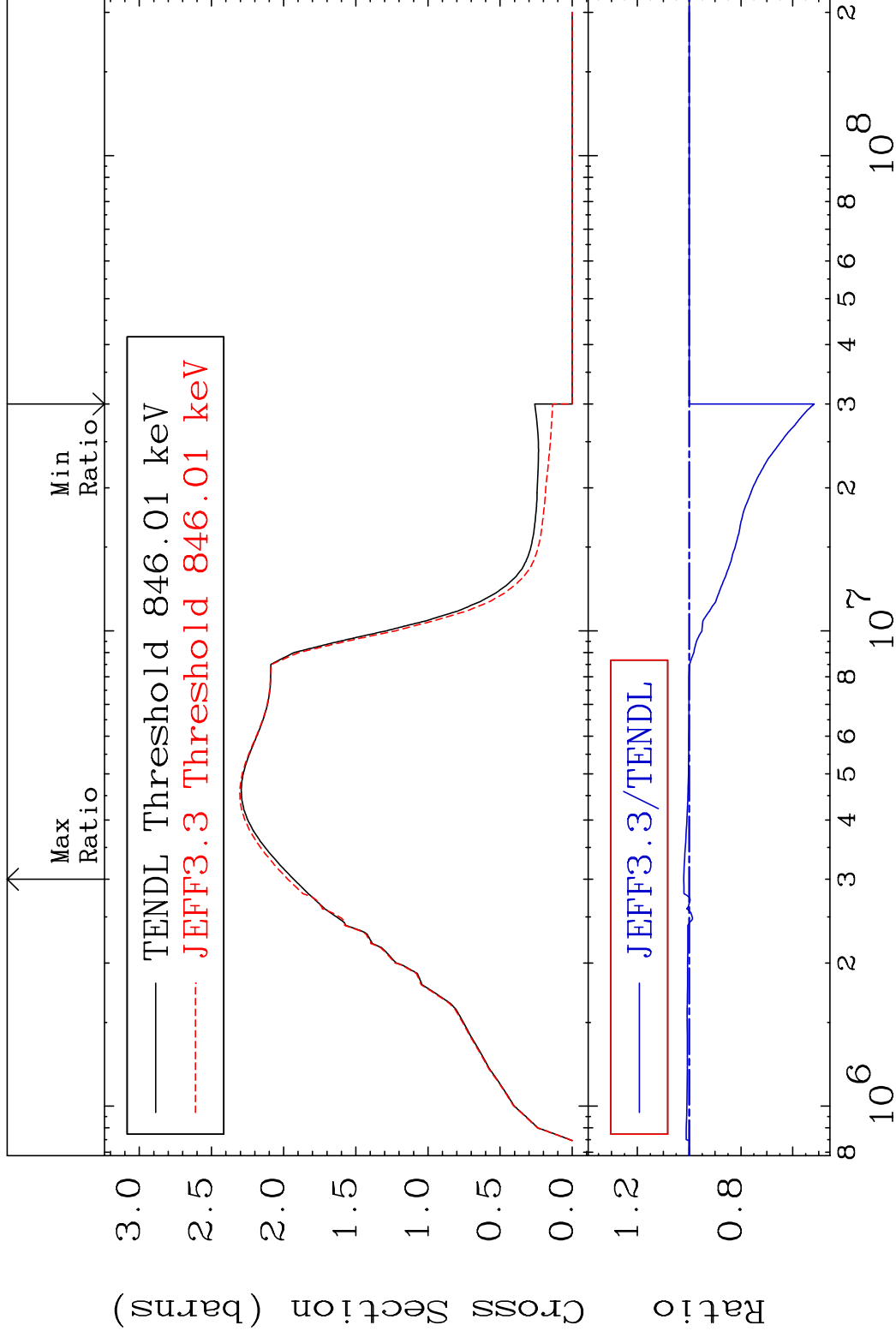
MAT 5255

Inelastic

52-Te-130

Cross Section

-48.24 To 2.131 %



3

Incident Energy (eV)

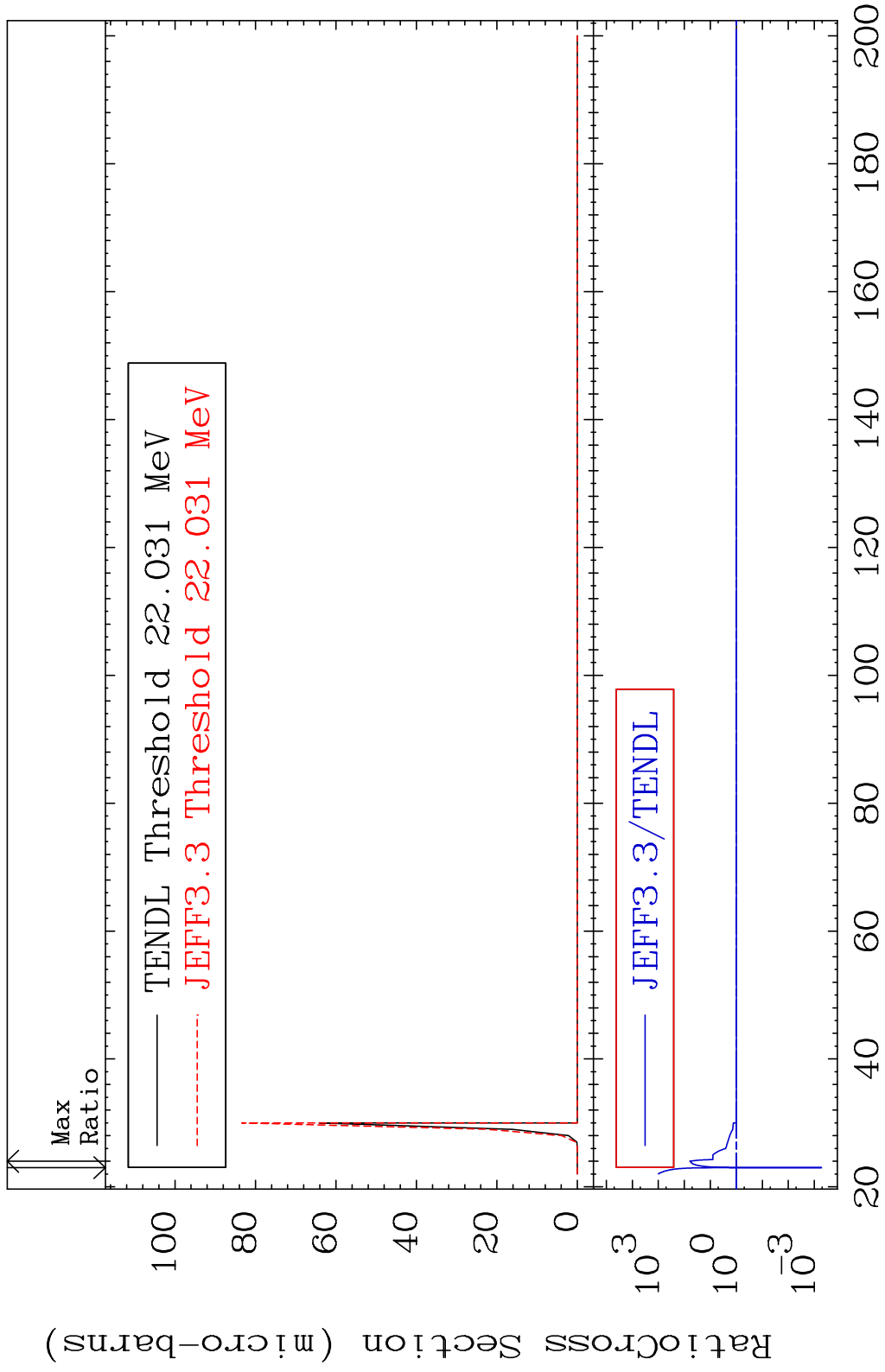
52-Te-130

MAT 5255

(n,2n) d

52-Te-130

Cross Section -99.95 To 6076. %

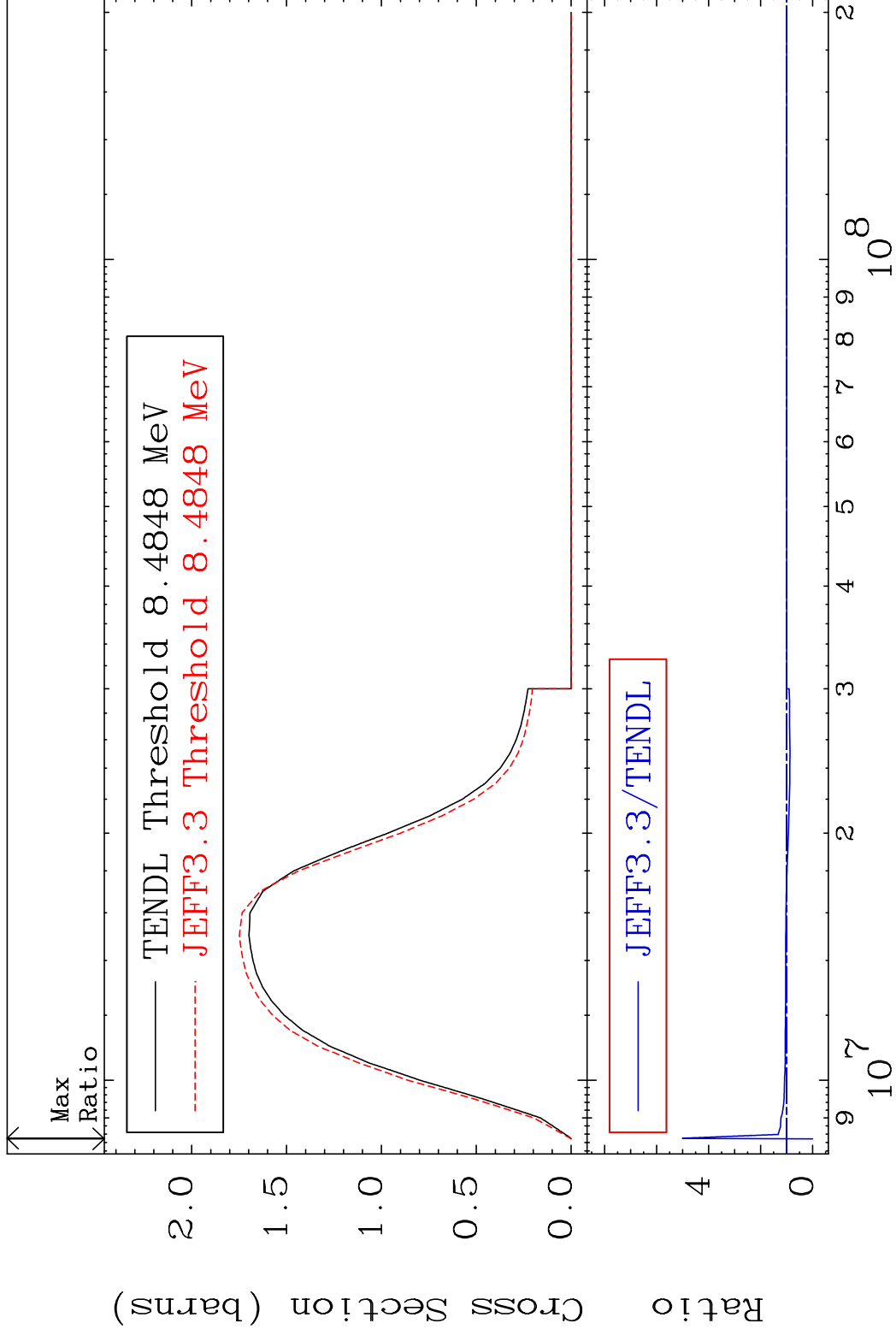


MAT 5255

(n,2n)

52-Te-130

Cross Section -100.0 To 400.8 %



5

Incident Energy (eV)

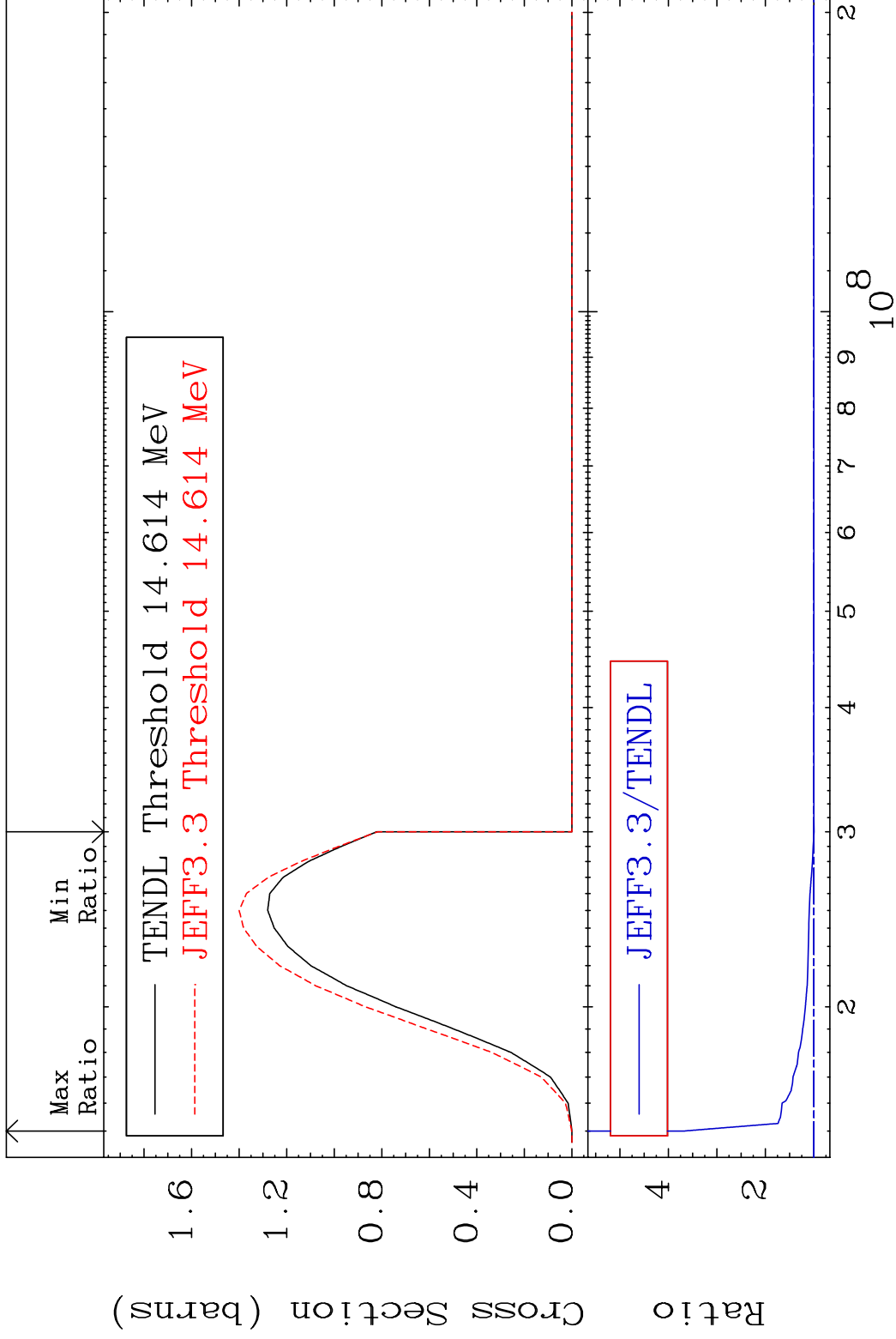
52-Te-130

MAT 5255

(n,3n)

52-Te-130

Cross Section -0.530 To 268.8 %

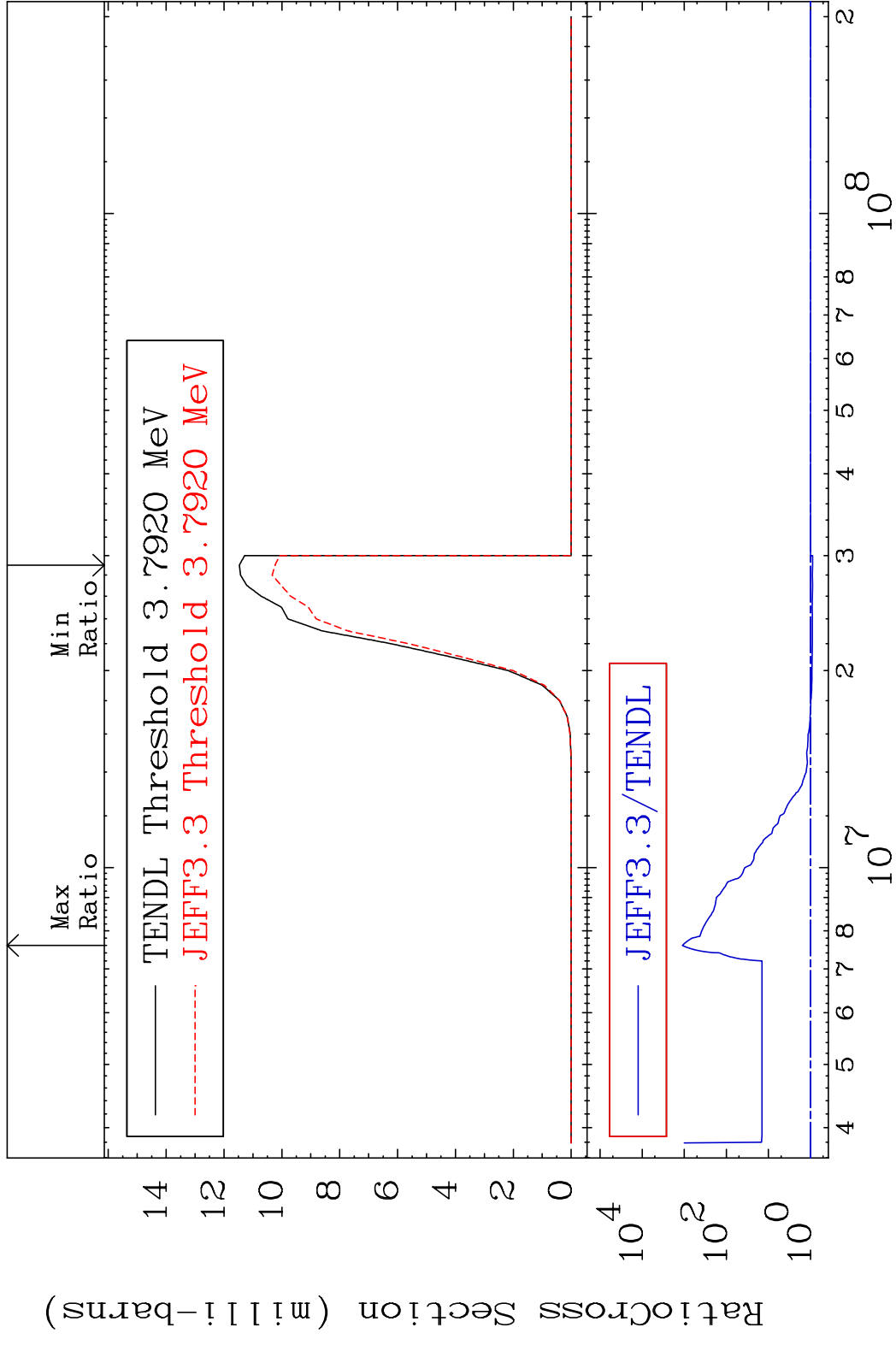


6

Incident Energy (eV)

52-Te-130

MAT 5255 (n, n') α 52-Te-130
 Cross Section -10.78 To 9999. %



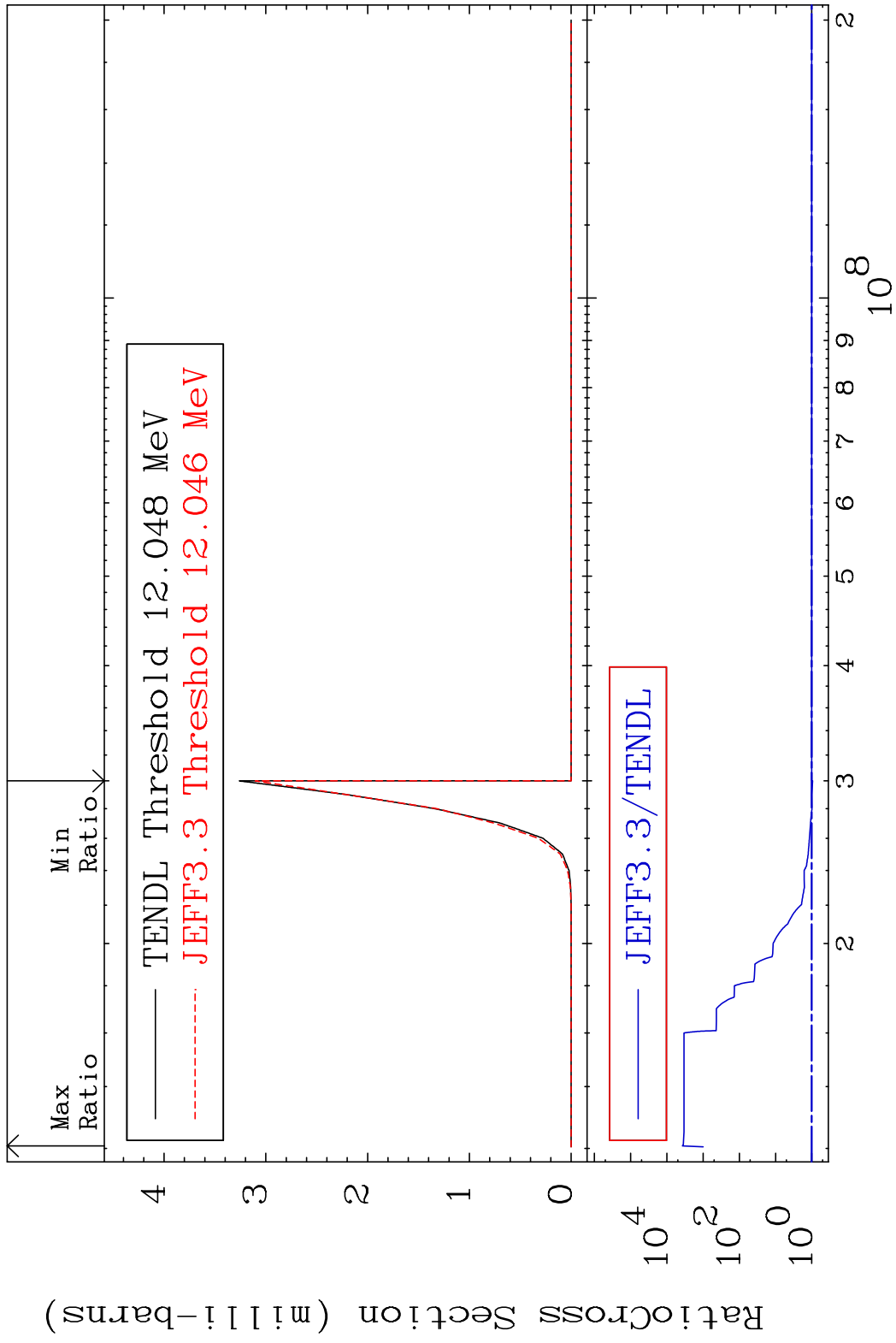
7 Incident Energy (eV) 52-Te-130

MAT 5255

(n,2n) α

52-Te-130

Cross Section -4.789 To 9999. %

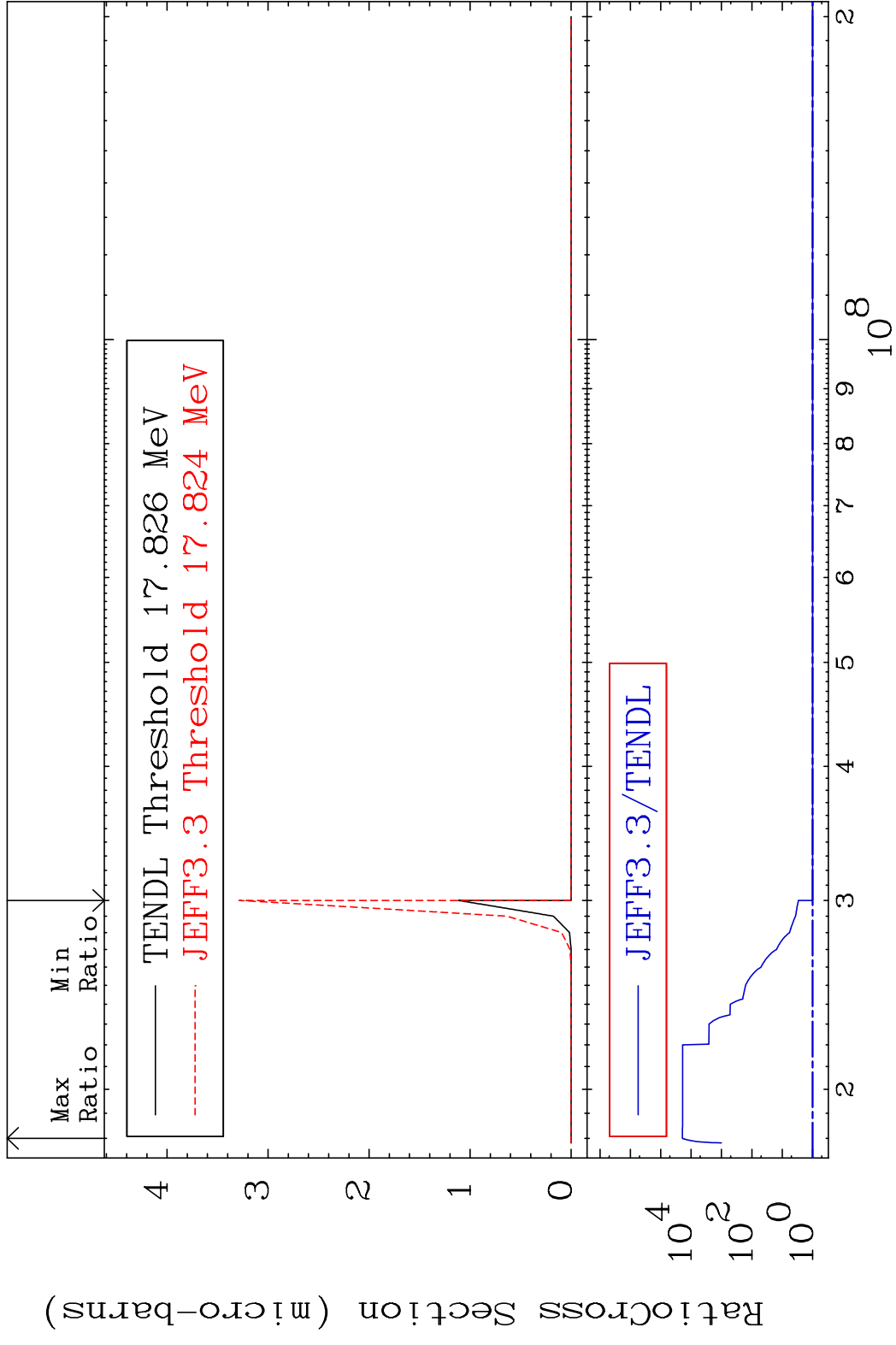


8

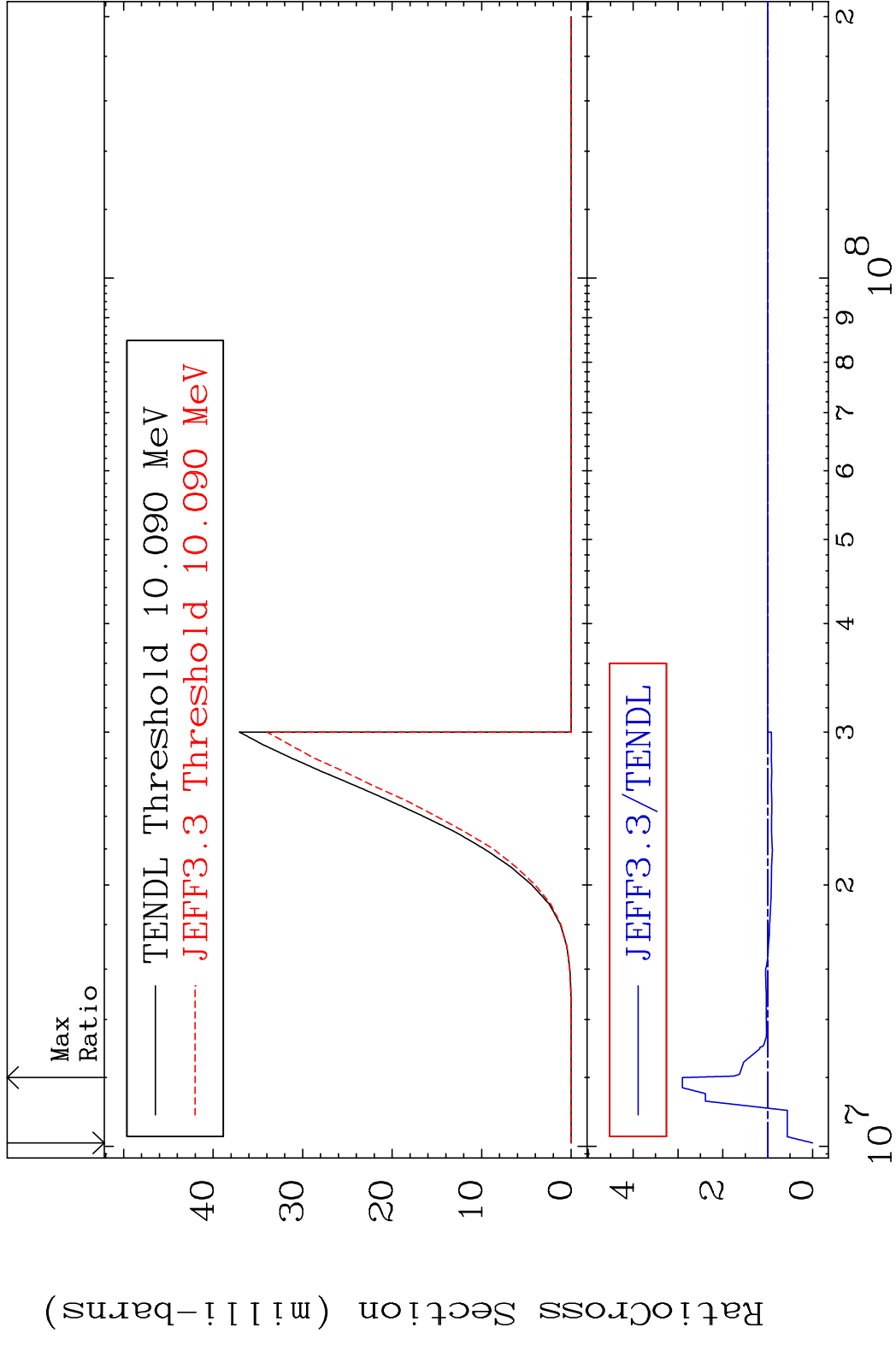
Incident Energy (eV)

52-Te-130

MAT 5255 (n,3n) α 52-Te-130
 Cross Section 0.000 To 9999. %



MAT 5255 (n, n') p 52-Te-130
 Cross Section -100.0 To 190.2 %



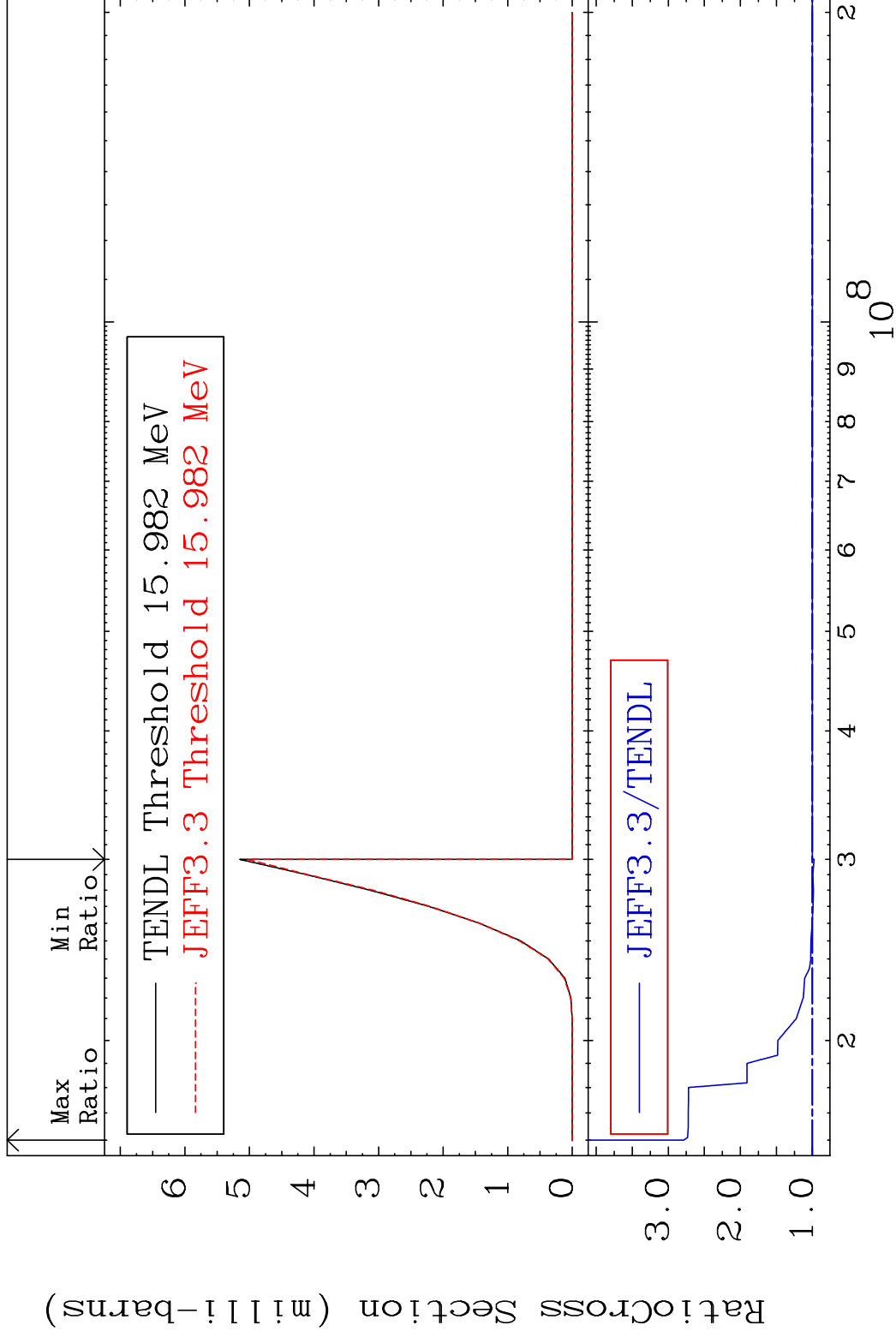
10 10 2

MAT 5255

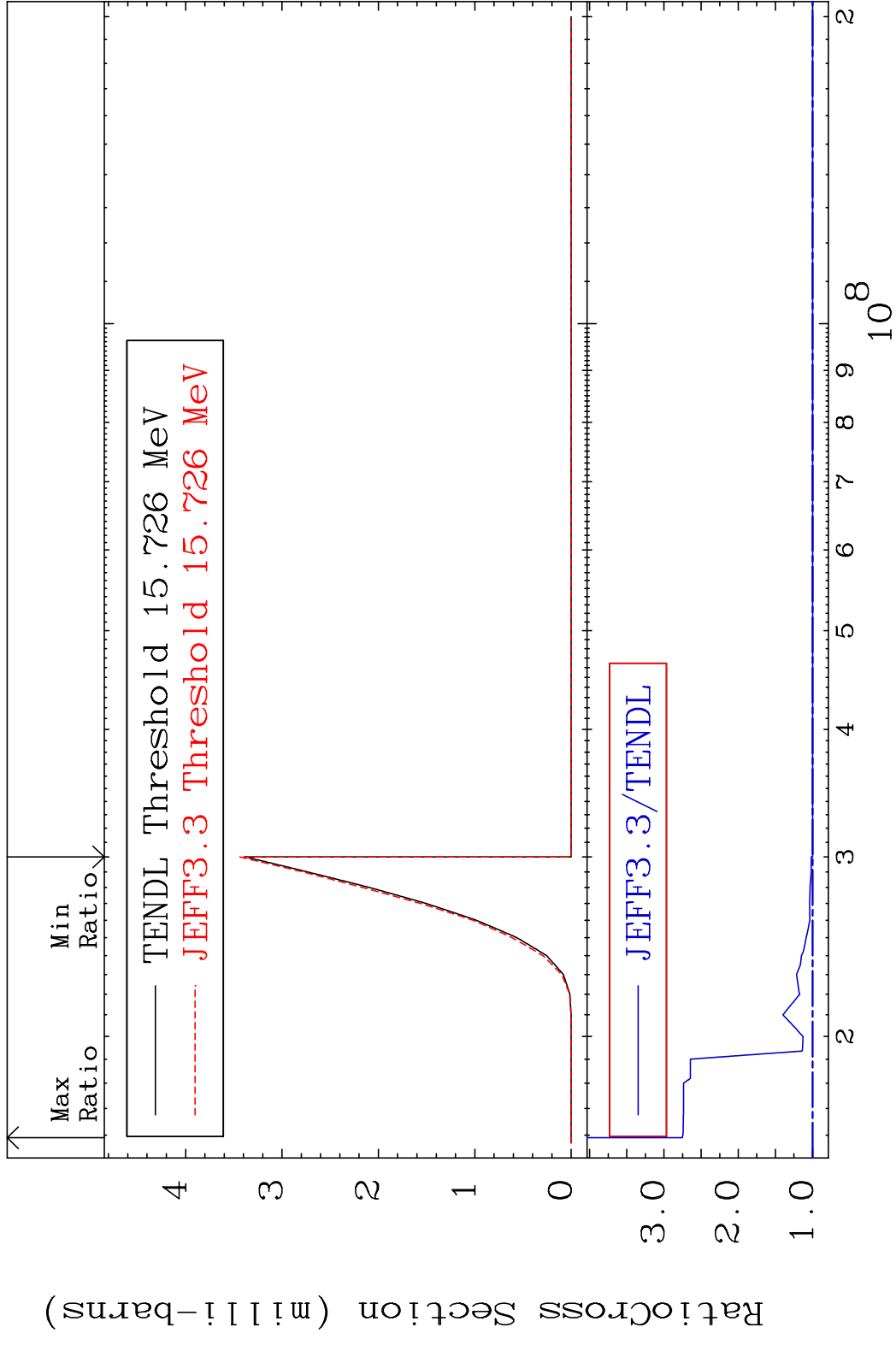
(n, n') d

52-Te-130

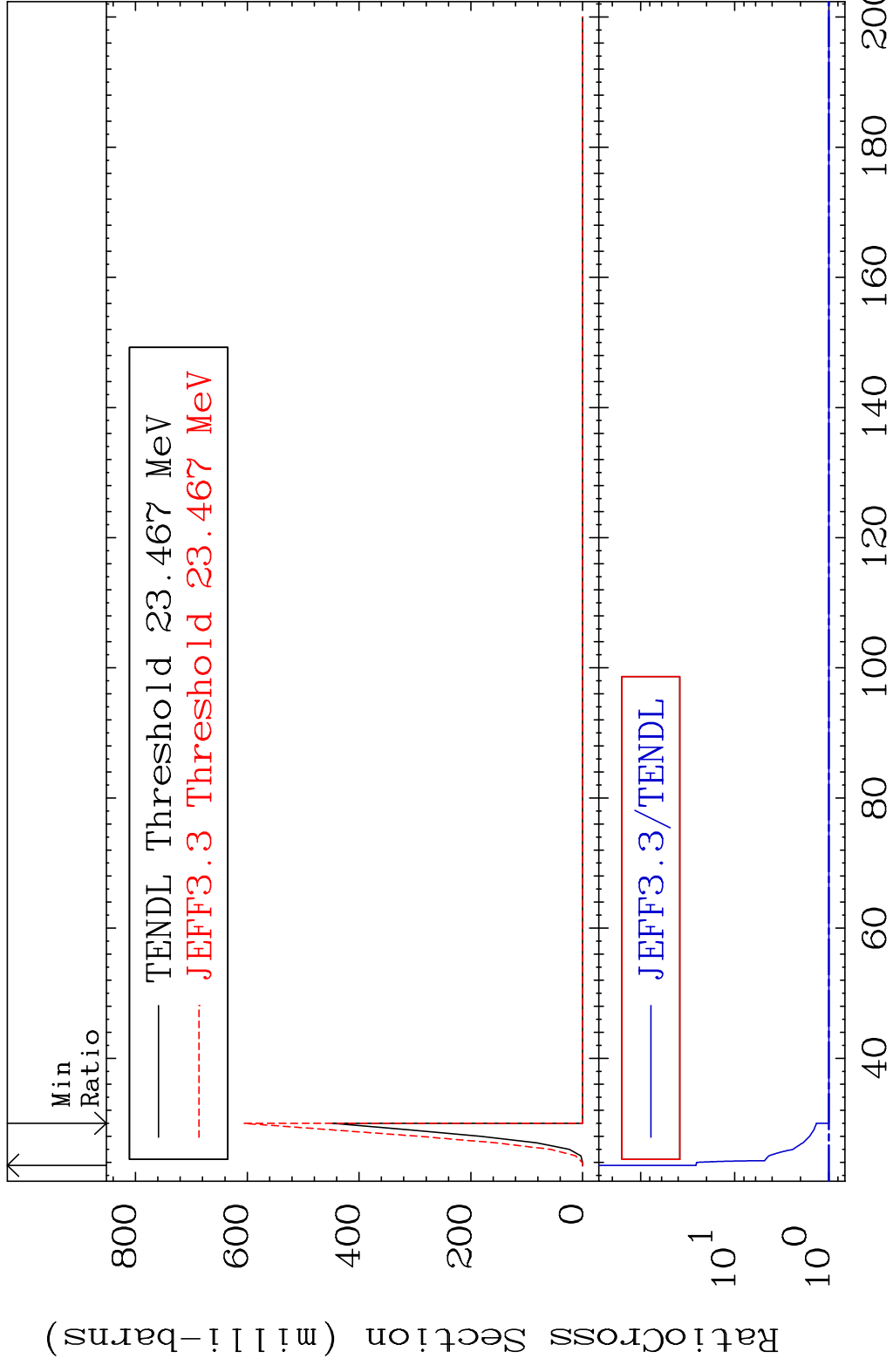
Cross Section -2.340 To 178.7 %



MAT 5255 (n, n') t 52-Te-130
 Cross Section 0.000 To 175.2 %



MAT 5255 (n,4n) 52-Te-130
 Cross Section 0.000 To 2481. %

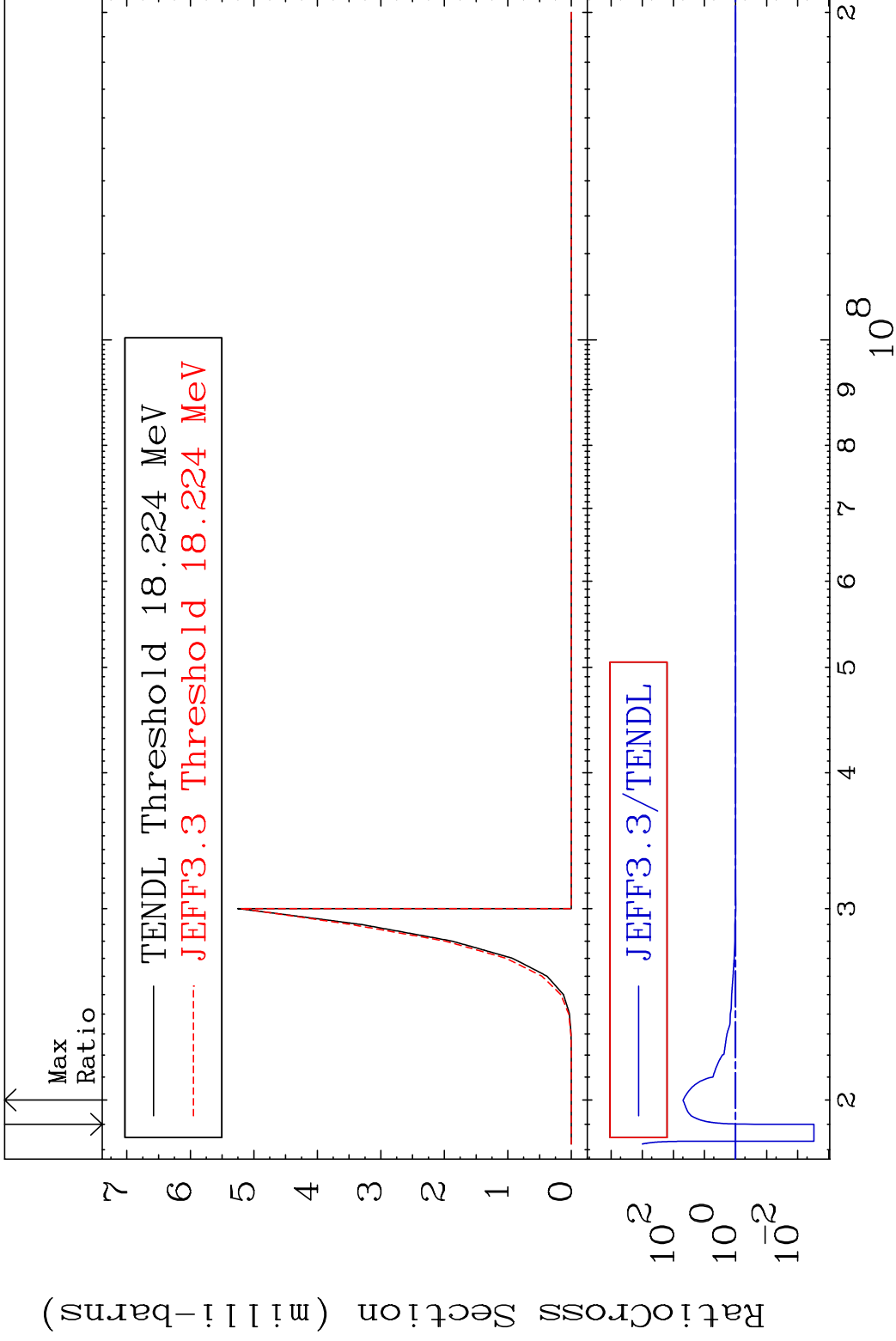


MAT 5255

(n,2n) p

52-Te-130

Cross Section -99.70 To 4790. %



15

Incident Energy (eV)

52-Te-130

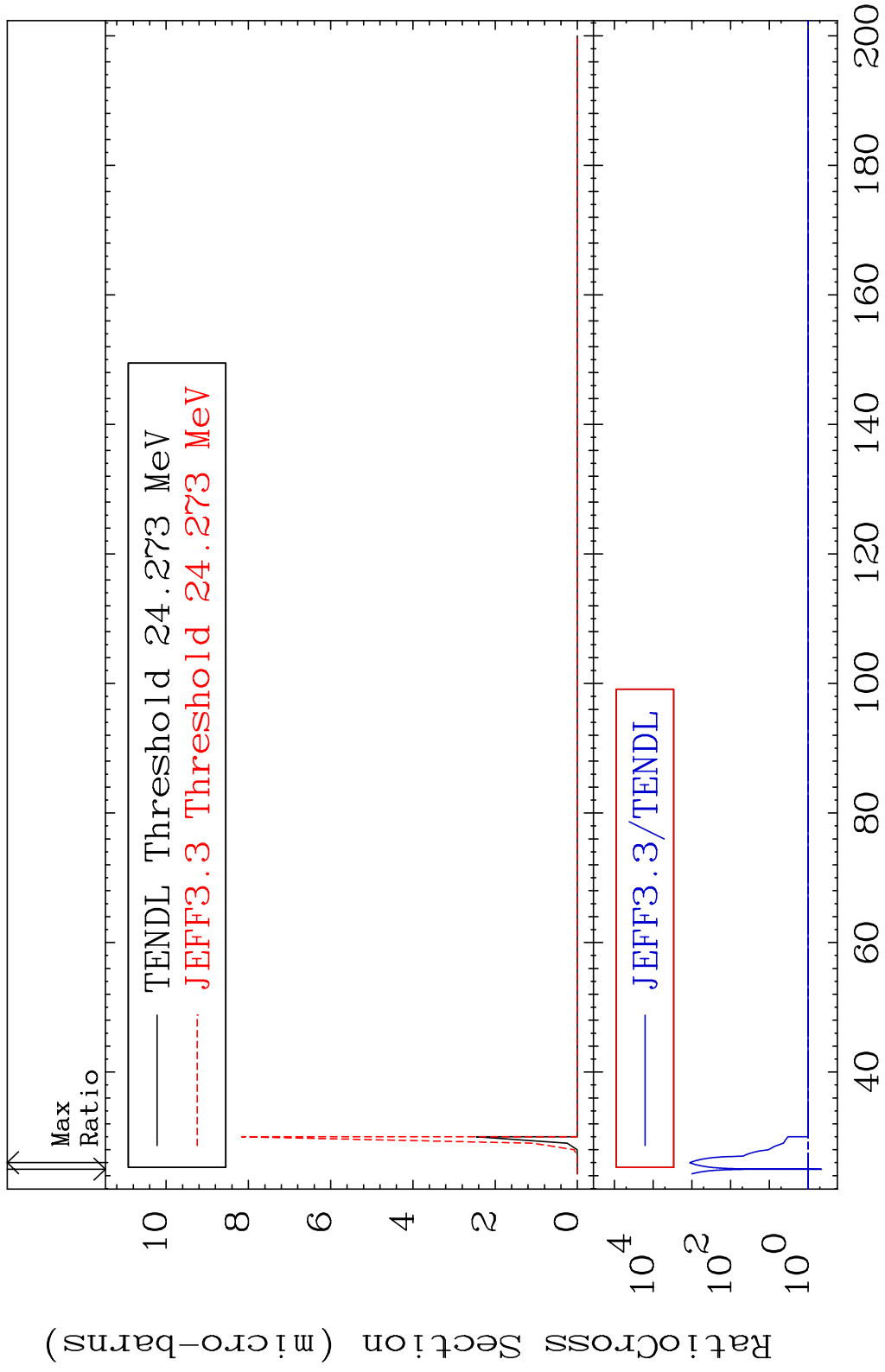
MAT 5255

(n,3n) p

52-Te-130

Cross Section

-54.52 To 9999. %

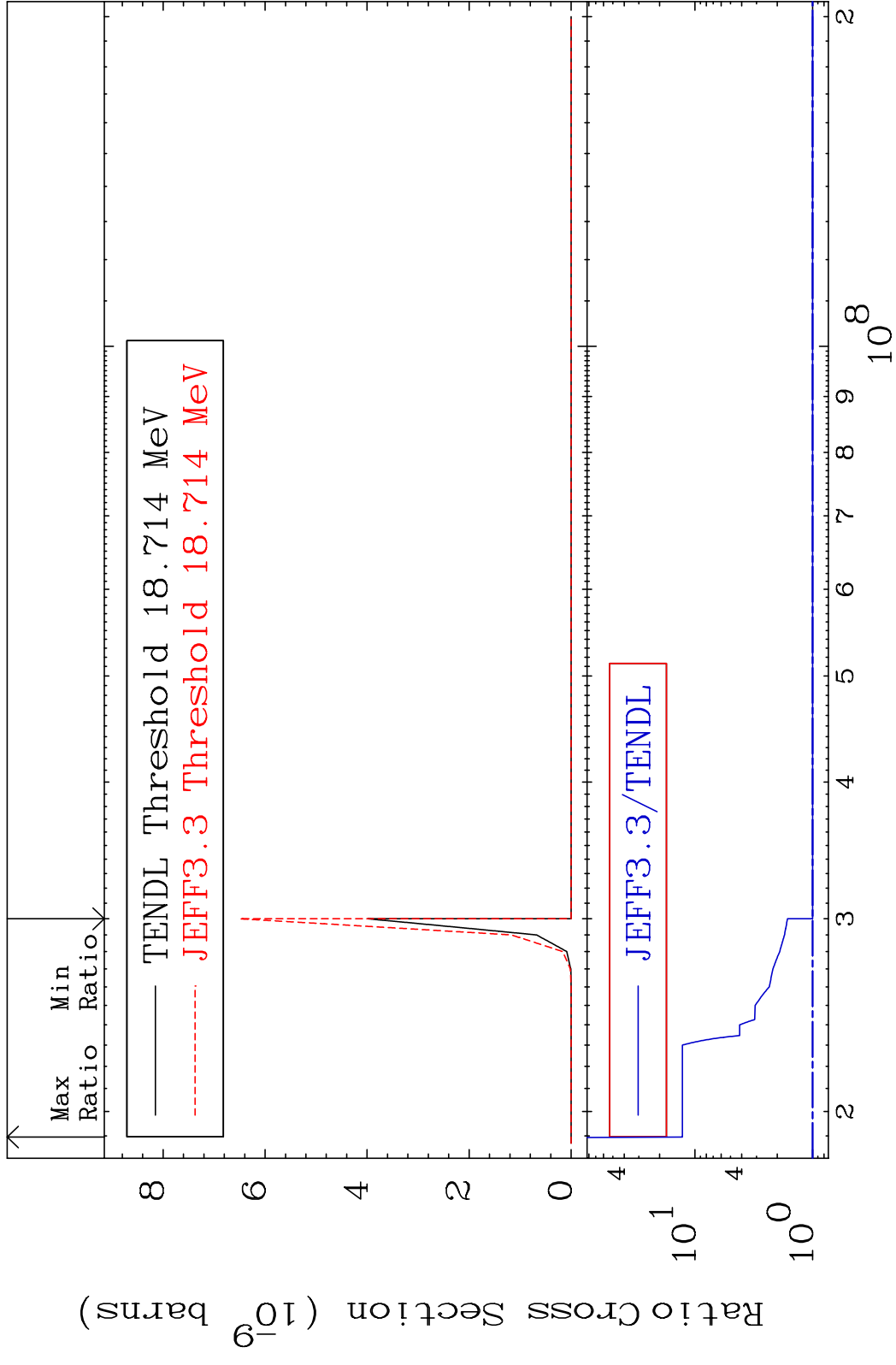


16

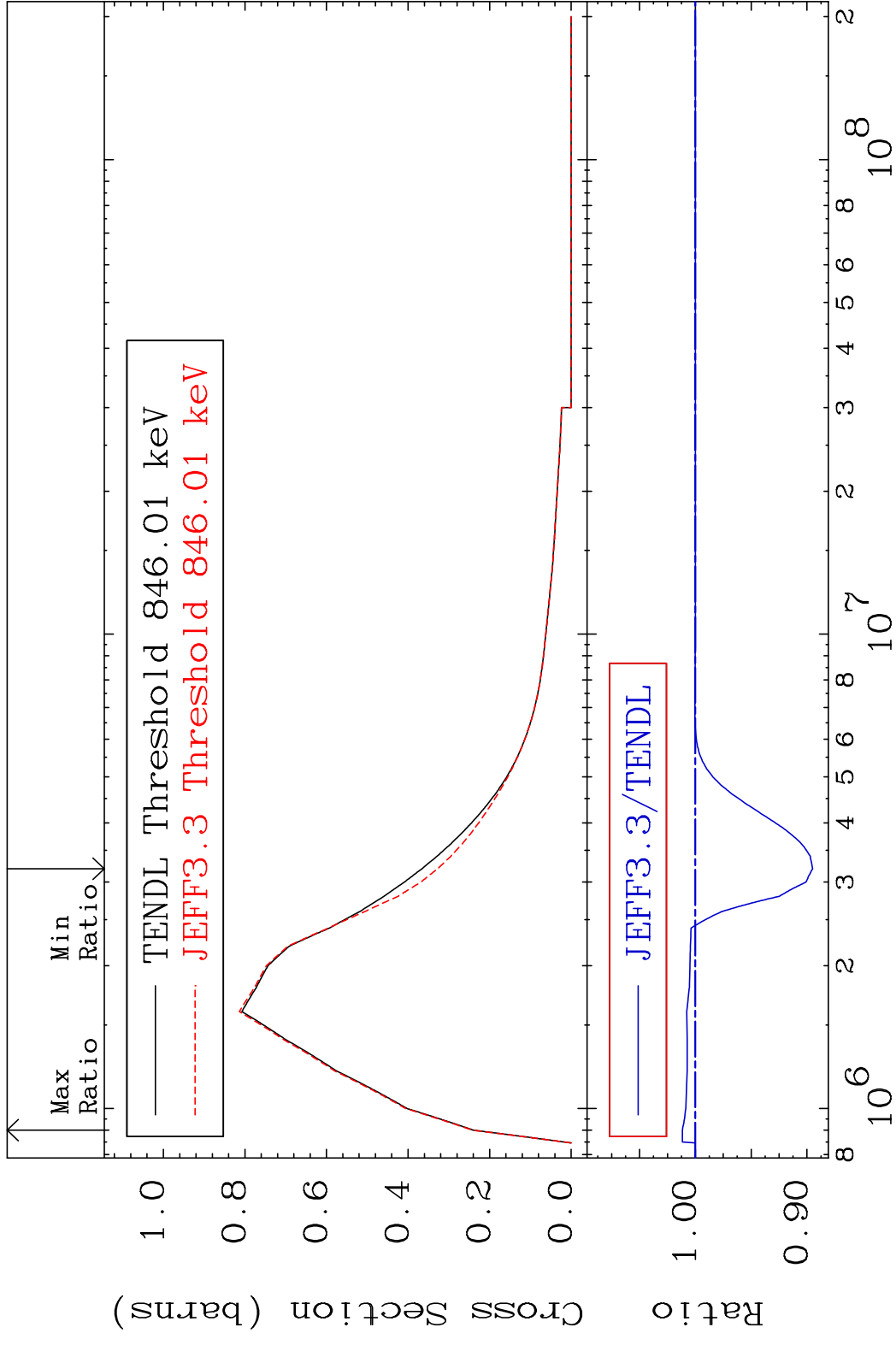
Incident Energy (MeV)

52-Te-130

MAT 5255 (n,2n) p 52-Te-130
 Cross Section 0.000 To 1181. %

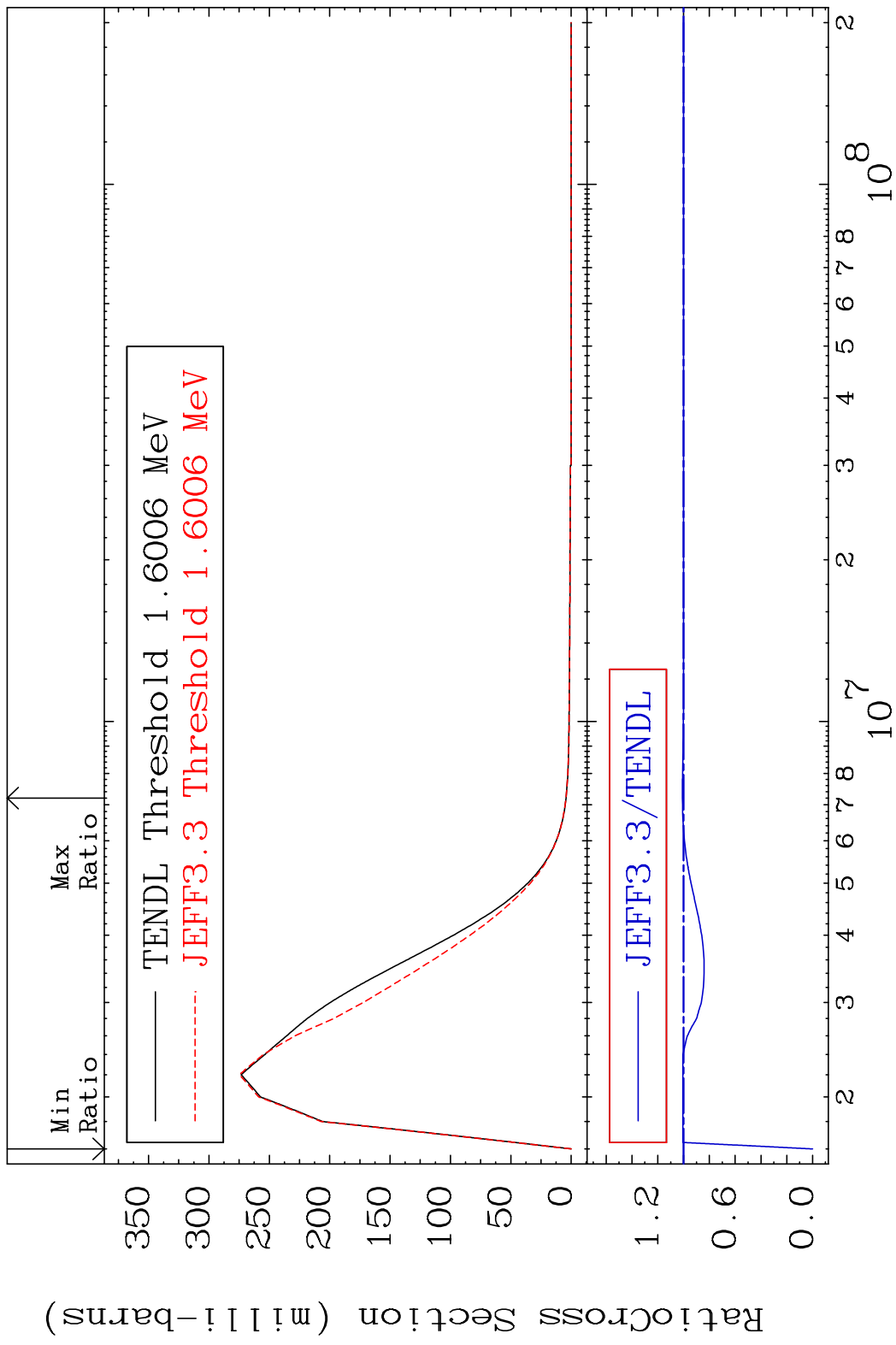


MAT 5255 MT= 51 (n,n') Level 52-Te-130
 Cross Section -10.50 To 1.168 %

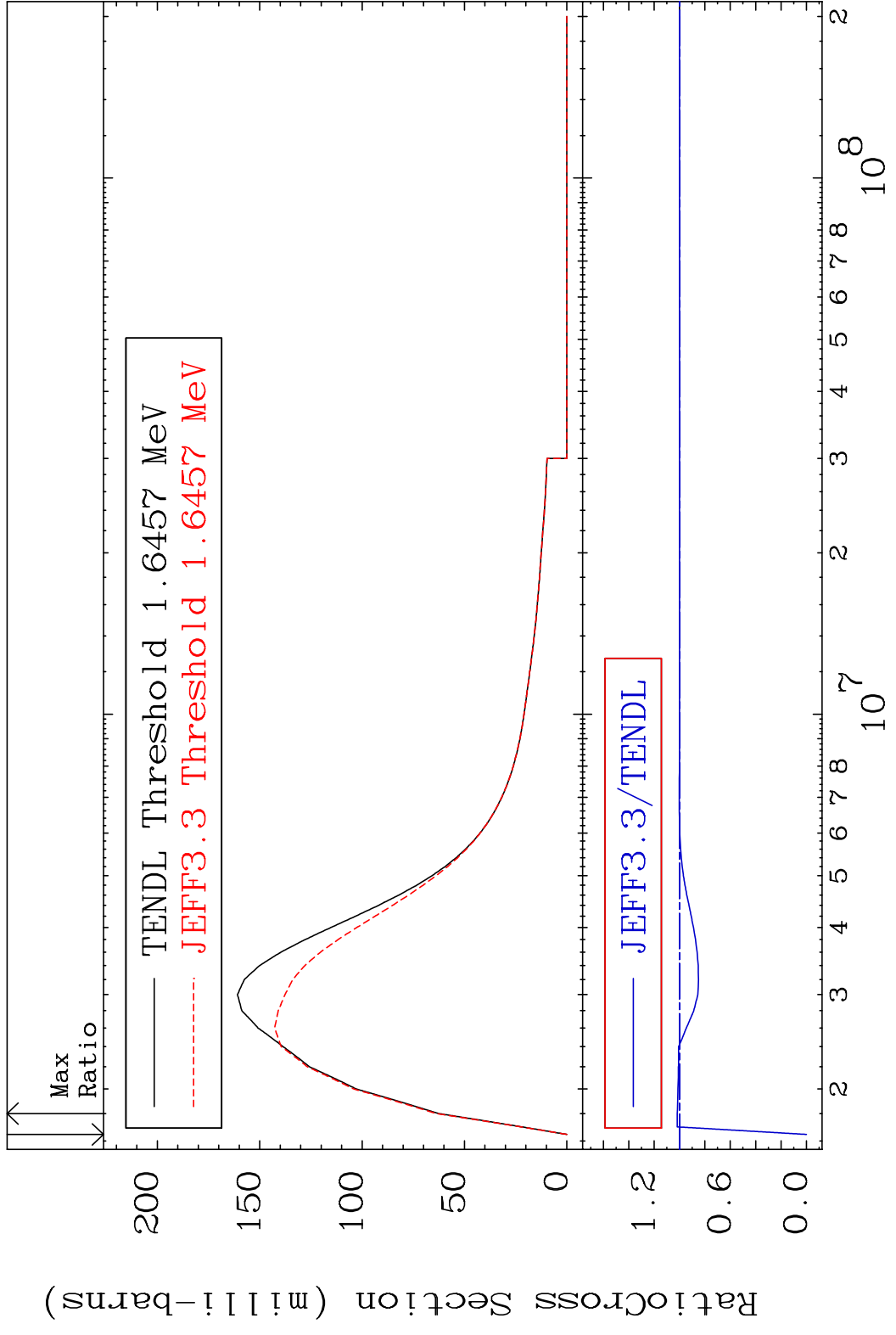


18 Incident Energy (eV) 52-Te-130

MAT 5255 MT= 52 (n, n') Level 52-Te-130
 Cross Section -100.0 To 0.939 %

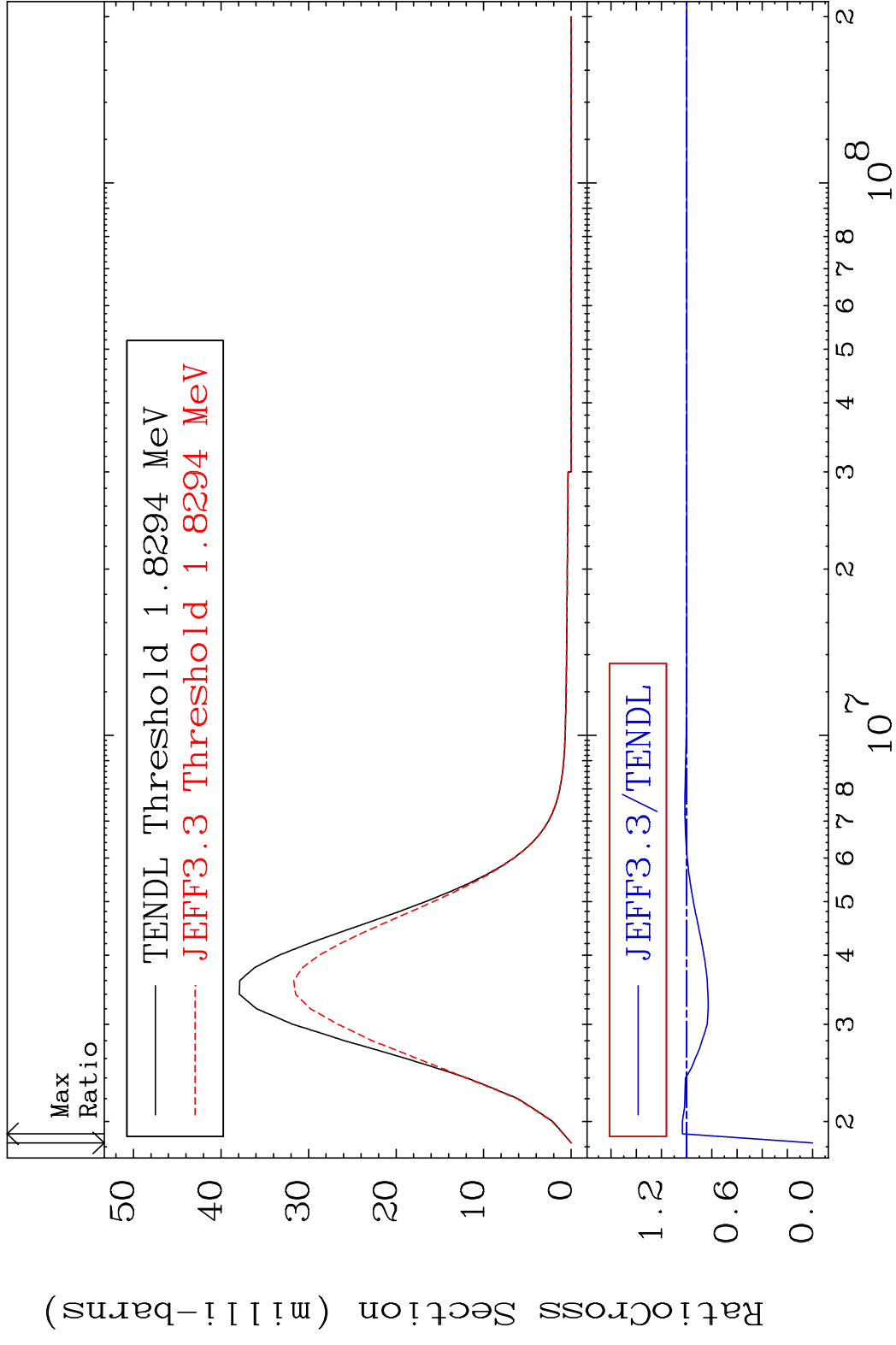


MAT 5255 MT= 53 (n, n') Level 52-Te-130
Cross Section -100.0 To 1.839 %

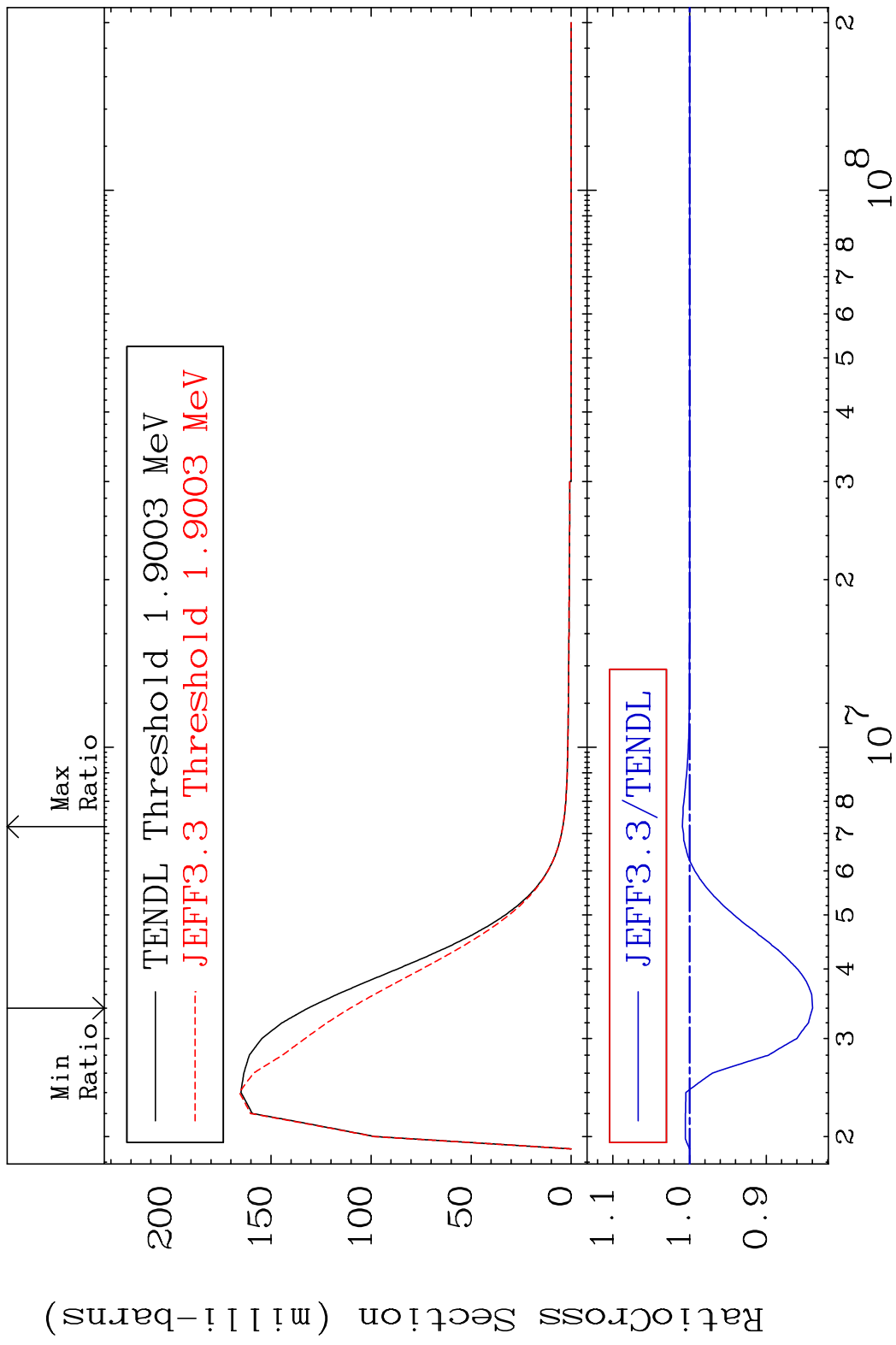


20 52-Te-130

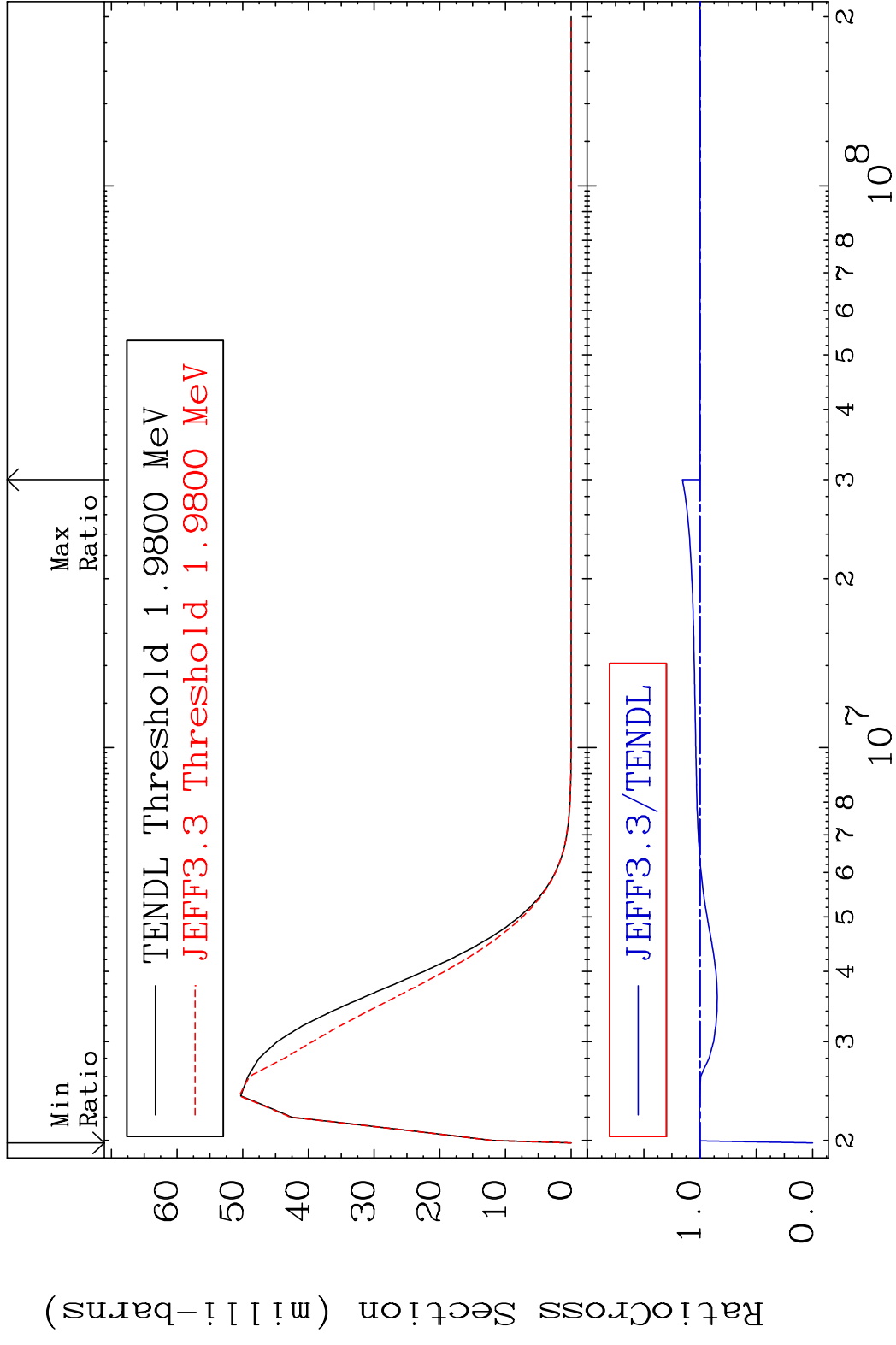
MAT 5255 MT= 54 (n,n') Level 52-Te-130
 Cross Section -100.0 To 3.419 %



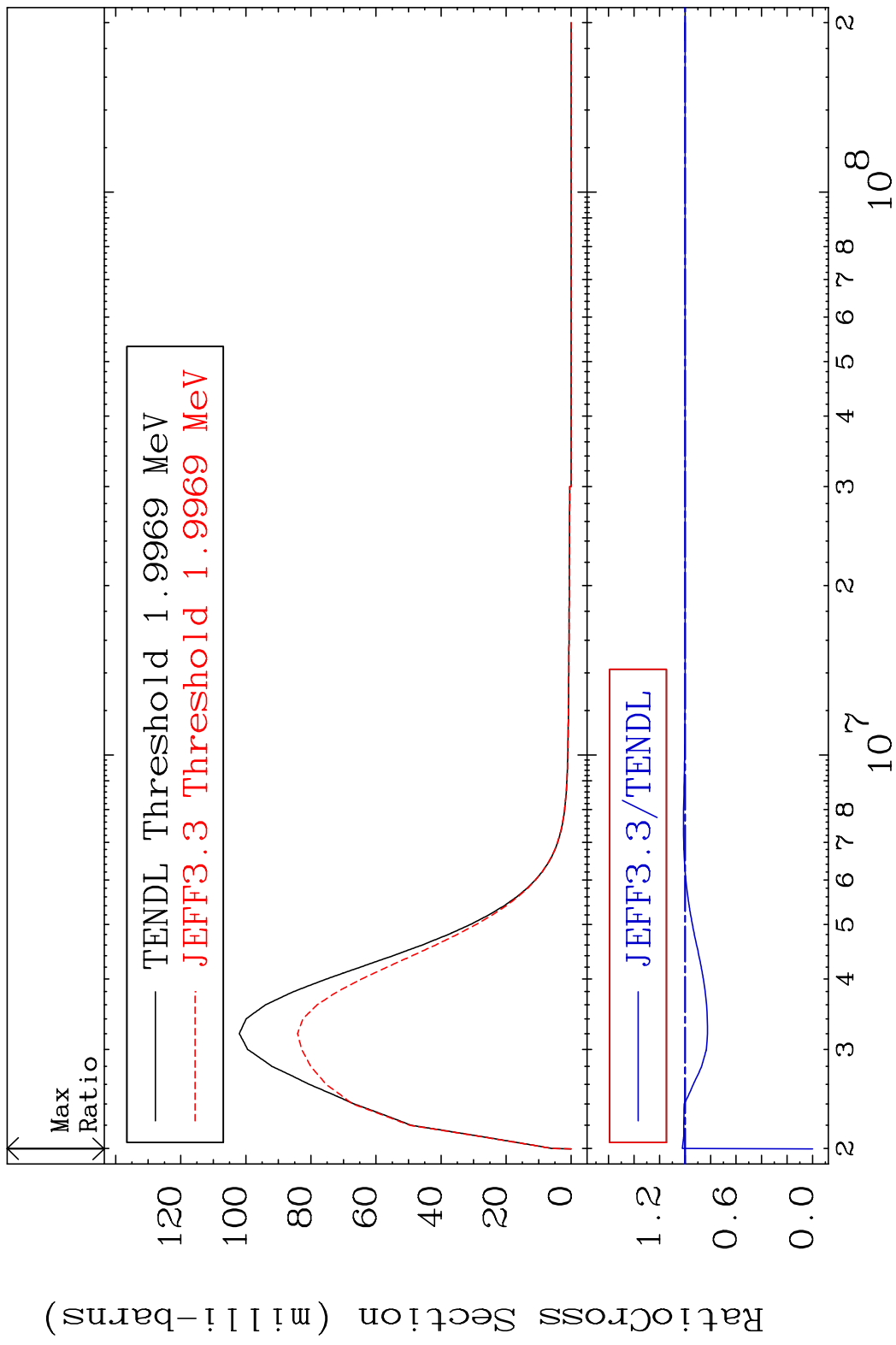
MAT 5255 MT= 55 (n,n') Level 52-Te-130
 Cross Section -16.04 To 0.943 %



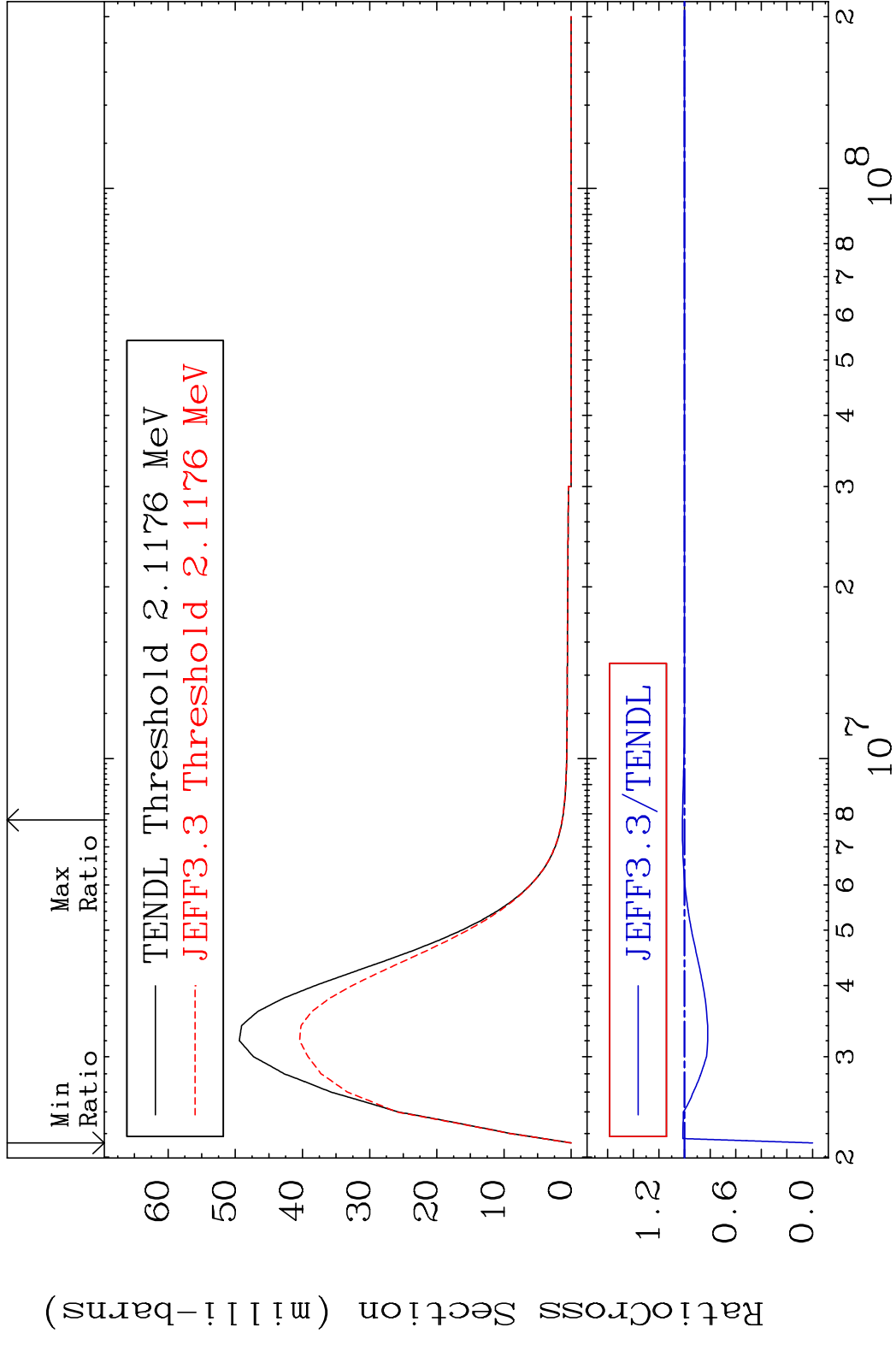
MAT 5255 MT= 56 (n, n') Level 52-Te-130
 Cross Section -100.0 To 15.73 %



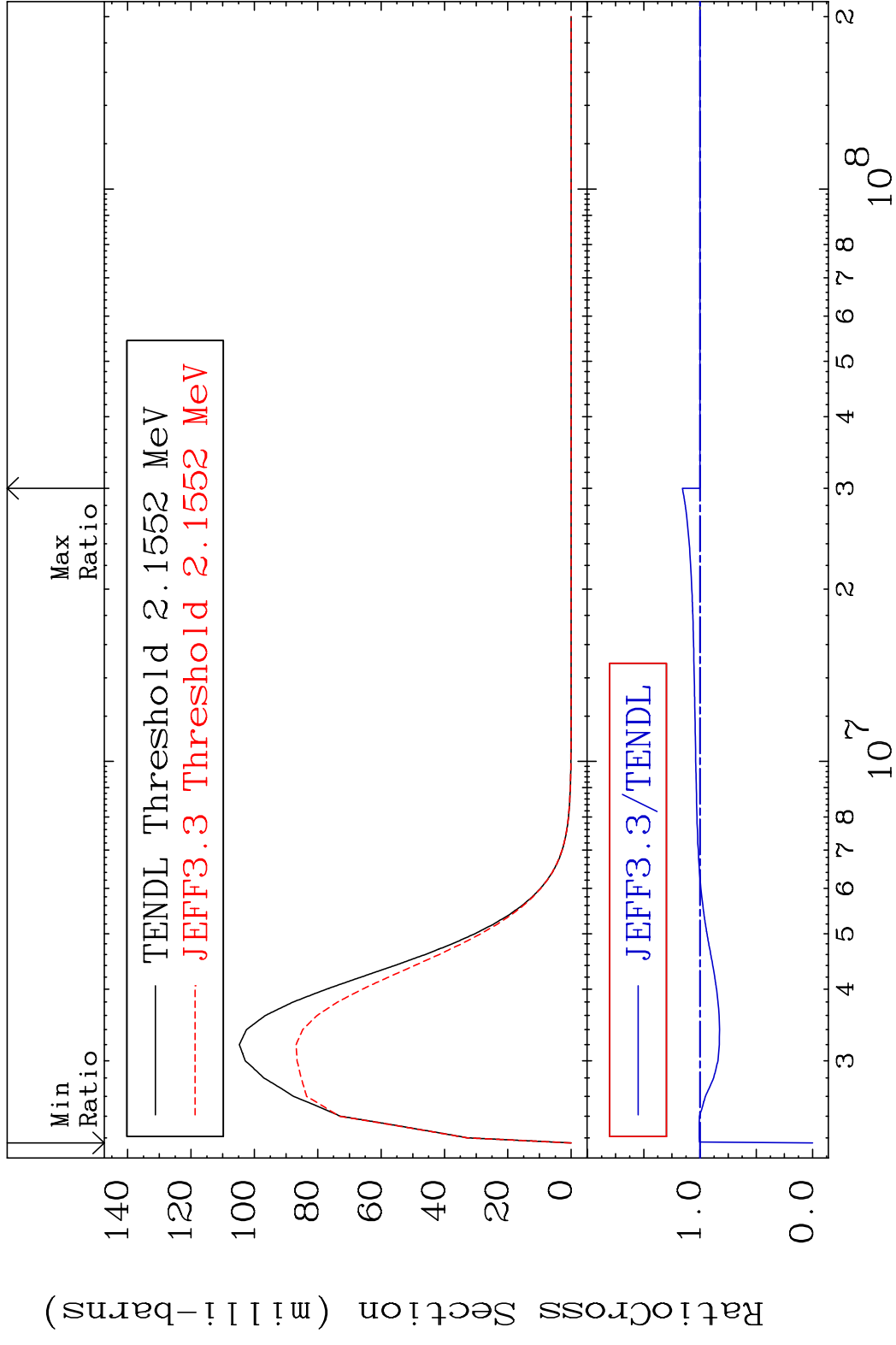
MAT 5255 MT= 57 (n,n') Level 52-Te-130
 Cross Section -100.0 To 2.141 %



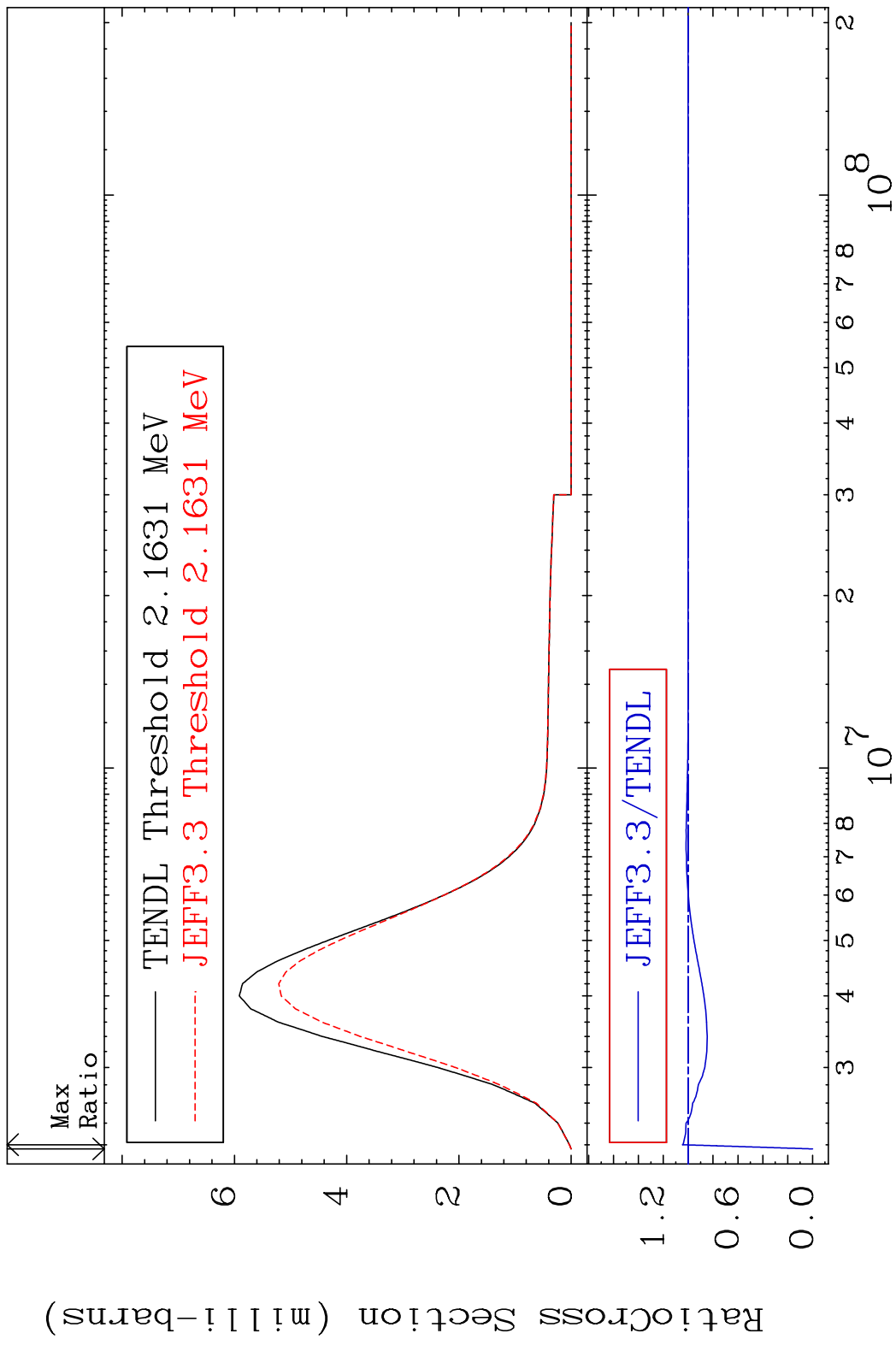
MAT 5255 MT= 58 (n, n') Level 52-Te-130
 Cross Section -100.0 To 1.675 %



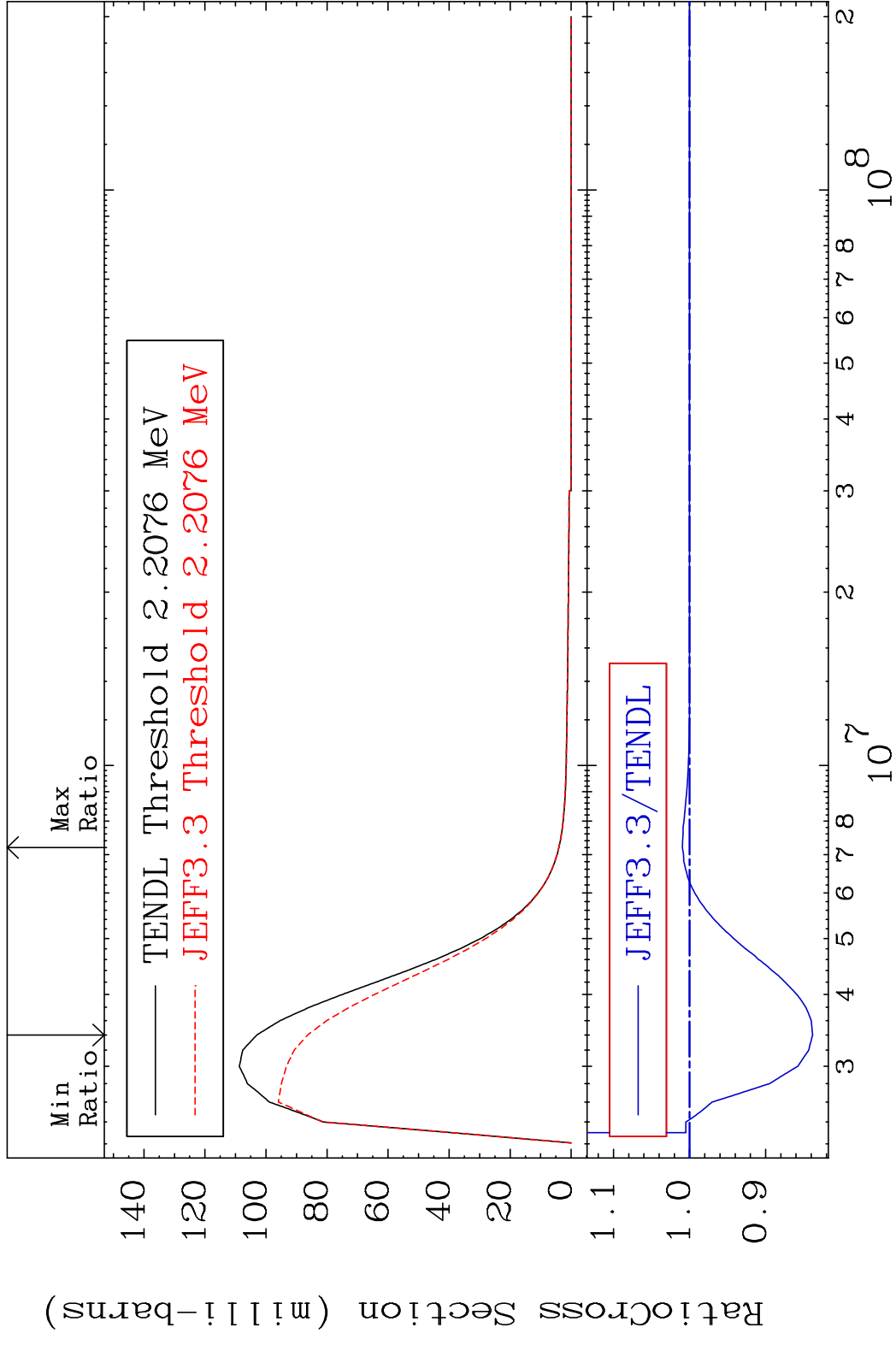
MAT 5255 MT= 59 (n, n') Level 52-Te-130
 Cross Section -100.0 To 15.70 %



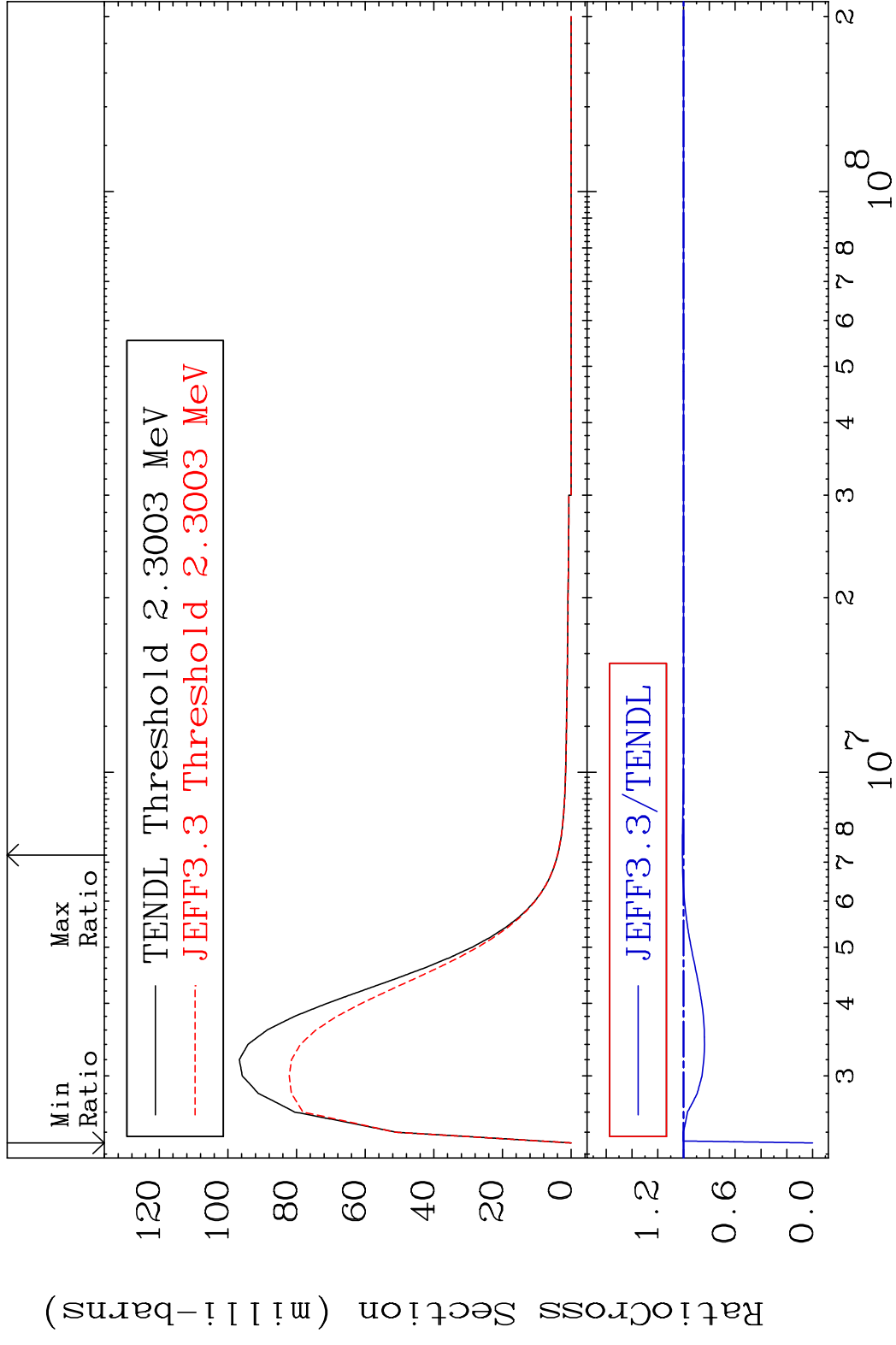
MAT 5255 MT= 60 (n, n') Level 52-Te-130
 Cross Section -100.0 To 4.687 %



MAT 5255 MT= 61 (n, n') Level 52-Te-130
 Cross Section -16.17 To 0.948 %



MAT 5255 MT= 62 (n, n') Level 52-Te-130
 Cross Section -100.0 To 0.950 %

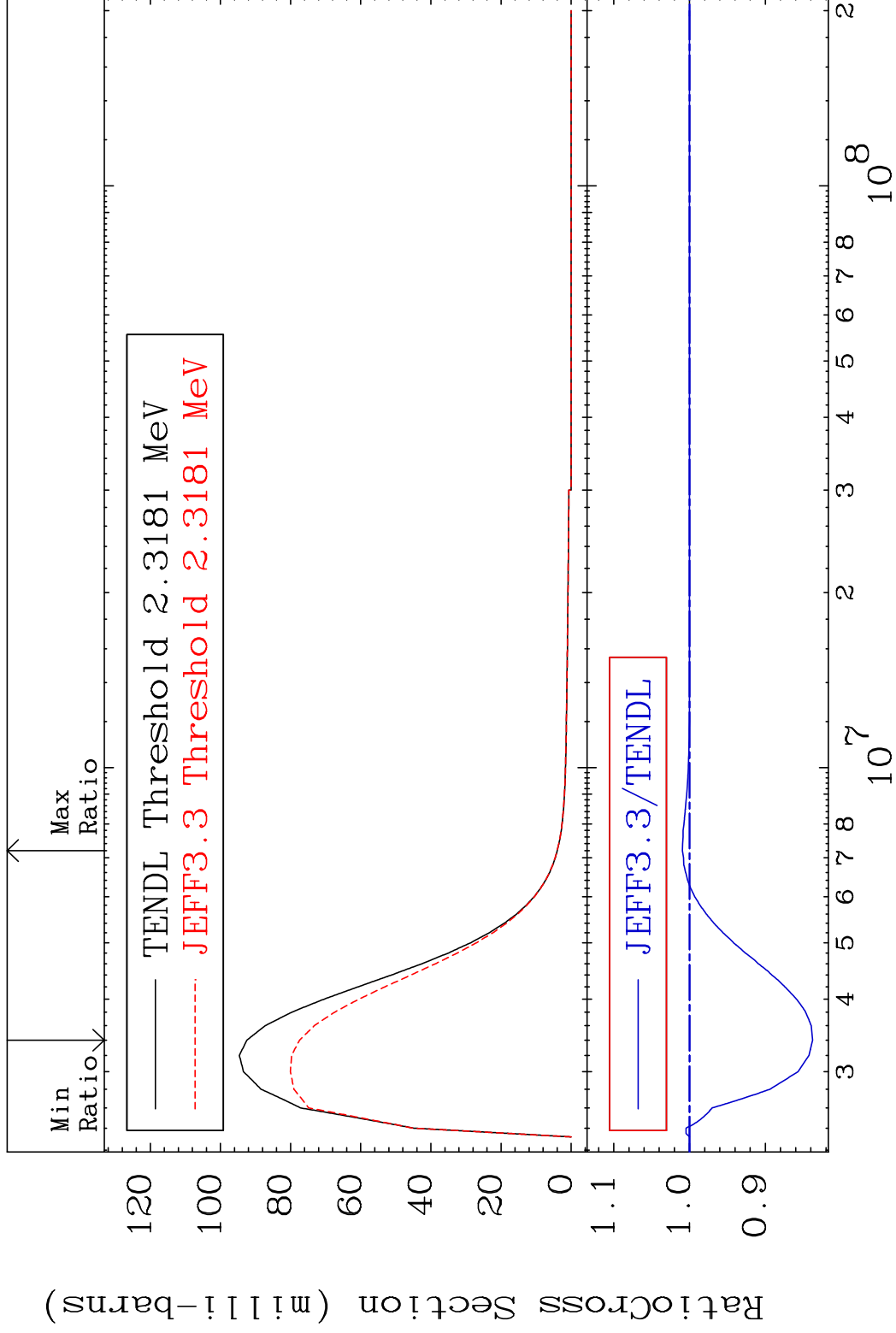


MAT 5255

MT= 63 (n, n') Level

52-Te-130

Cross Section -16.23 To 0.950 %

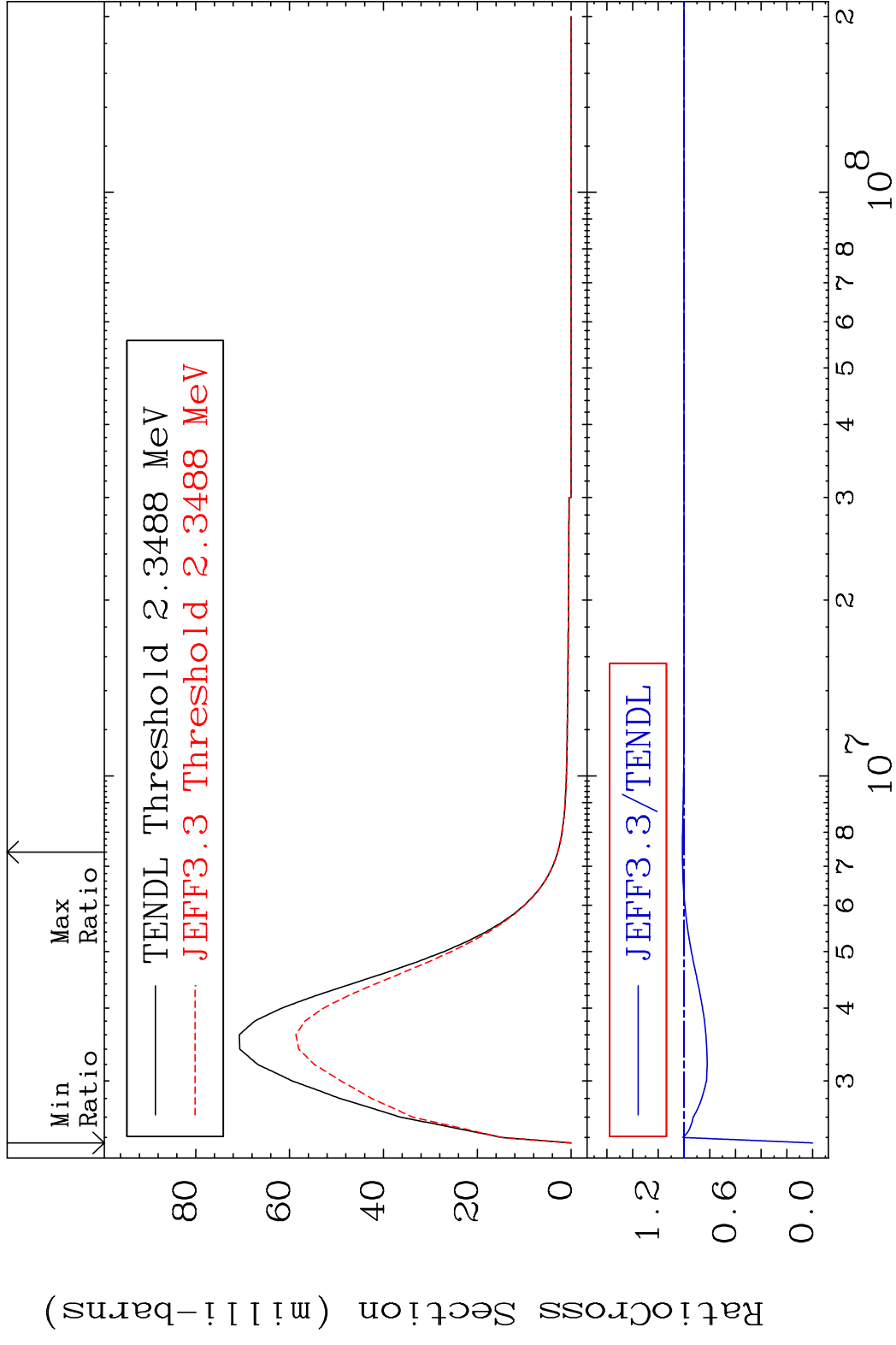


30

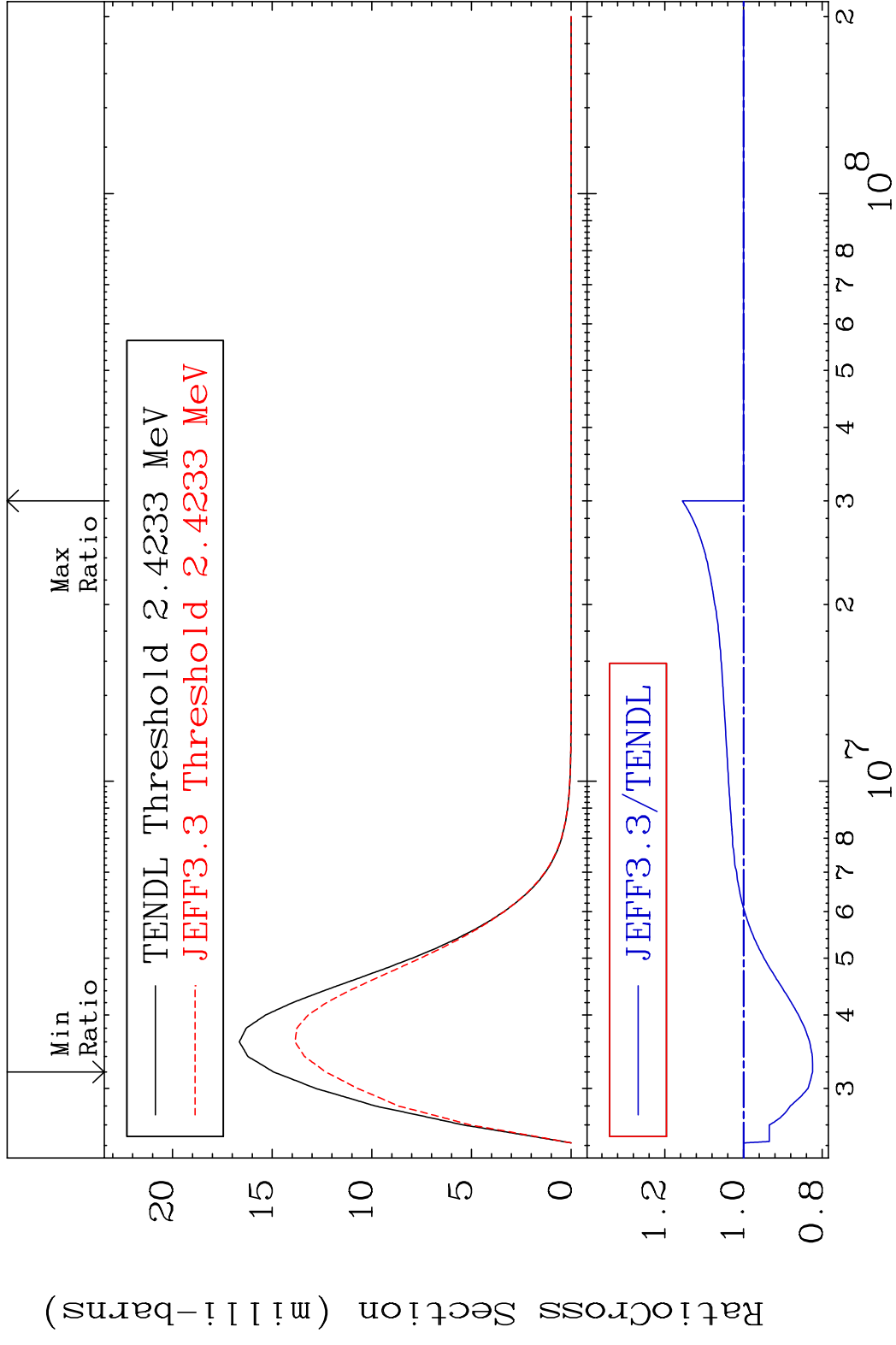
Incident Energy (eV)

52-Te-130

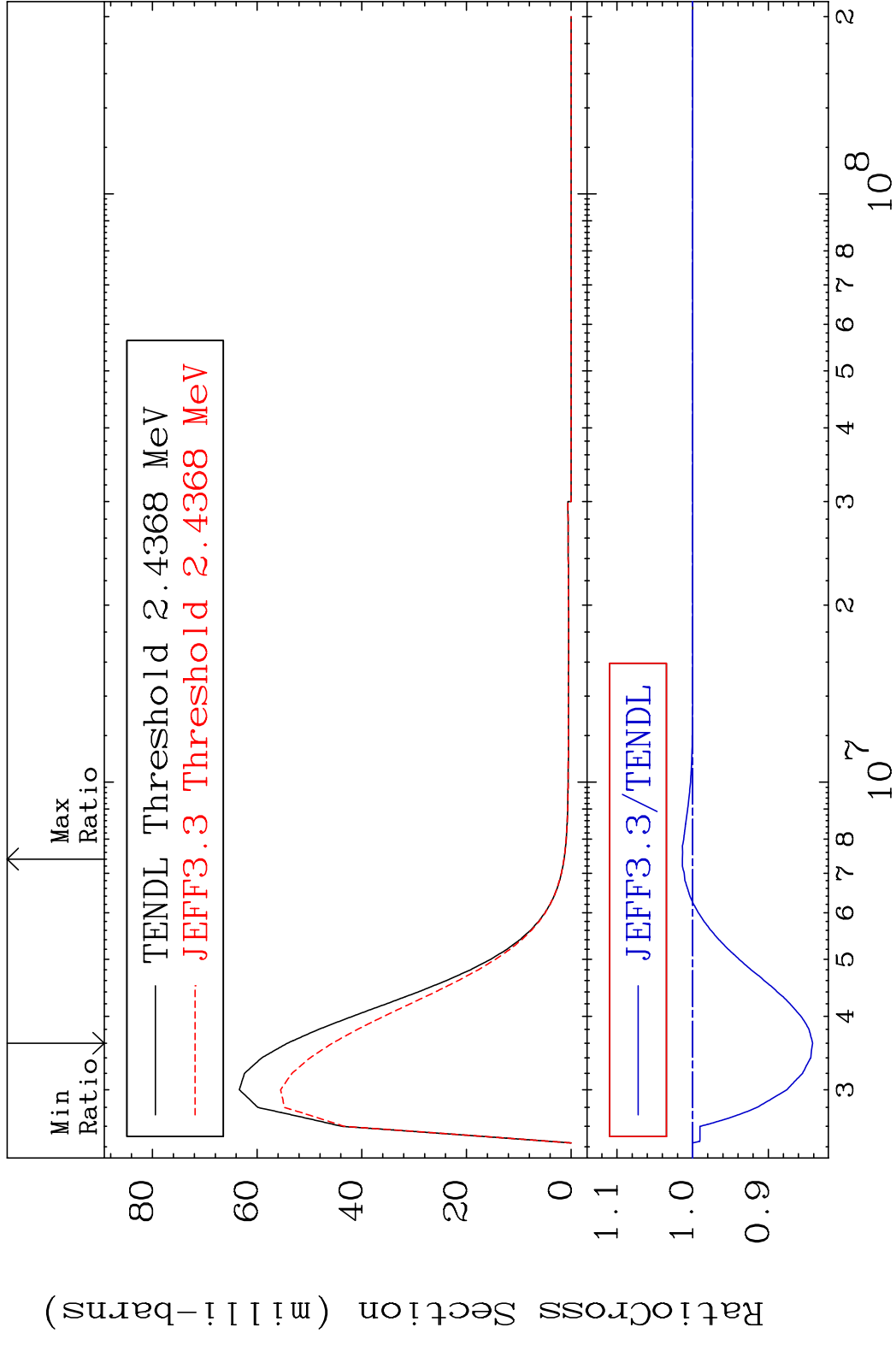
MAT 5255 MT= 64 (n, n') Level 52-Te-130
 Cross Section -100.0 To 1.294 %



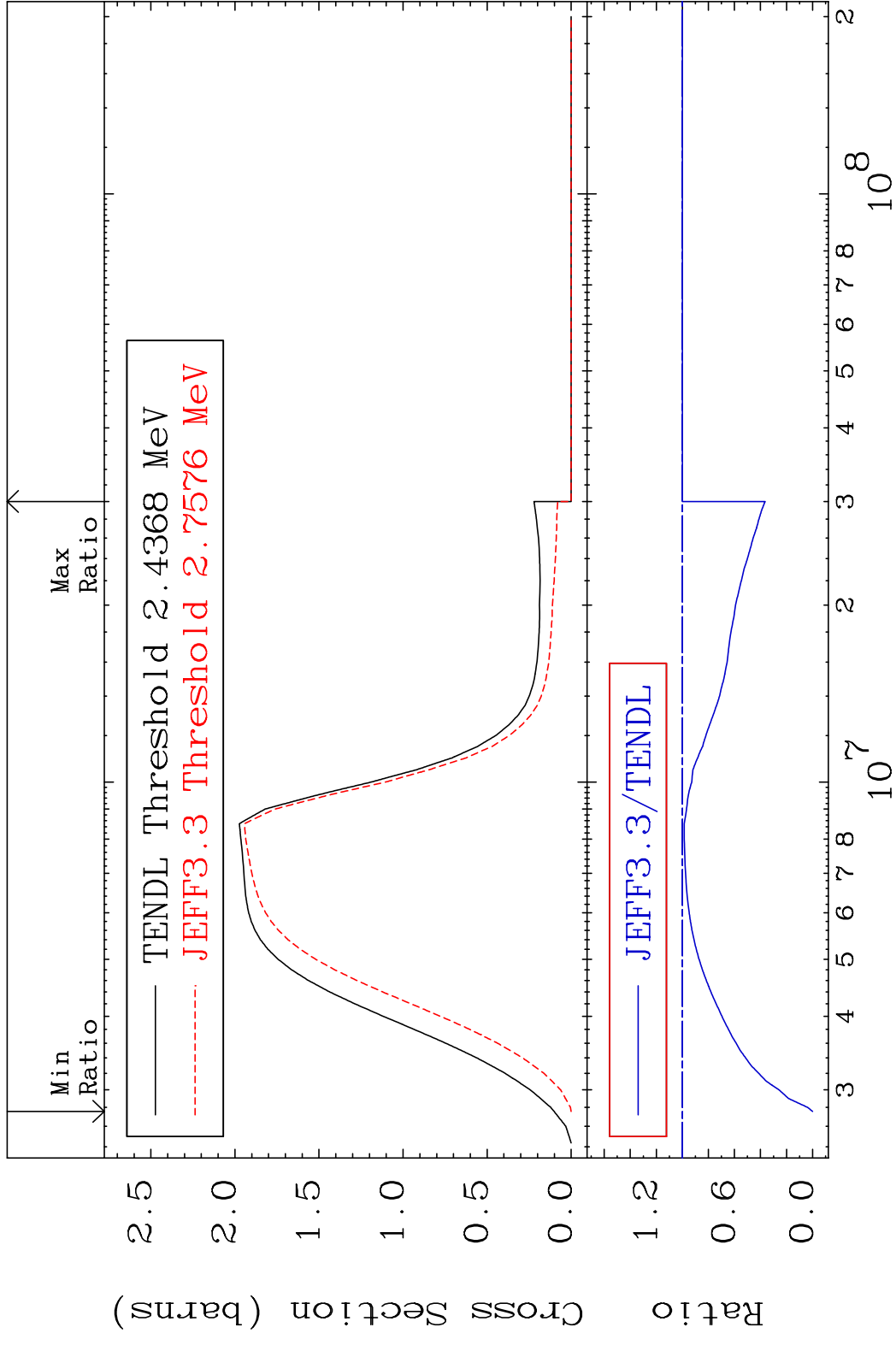
MAT 5255 MT= 65 (n, n') Level 52-Te-130
 Cross Section -17.53 To 15.56 %



MAT 5255 MT= 66 (n,n') Level 52-Te-130
 Cross Section -15.85 To 1.359 %



MAT 5255 (n, n') Continuum 52-Te-130
 Cross Section -100.0 To 0.000 %

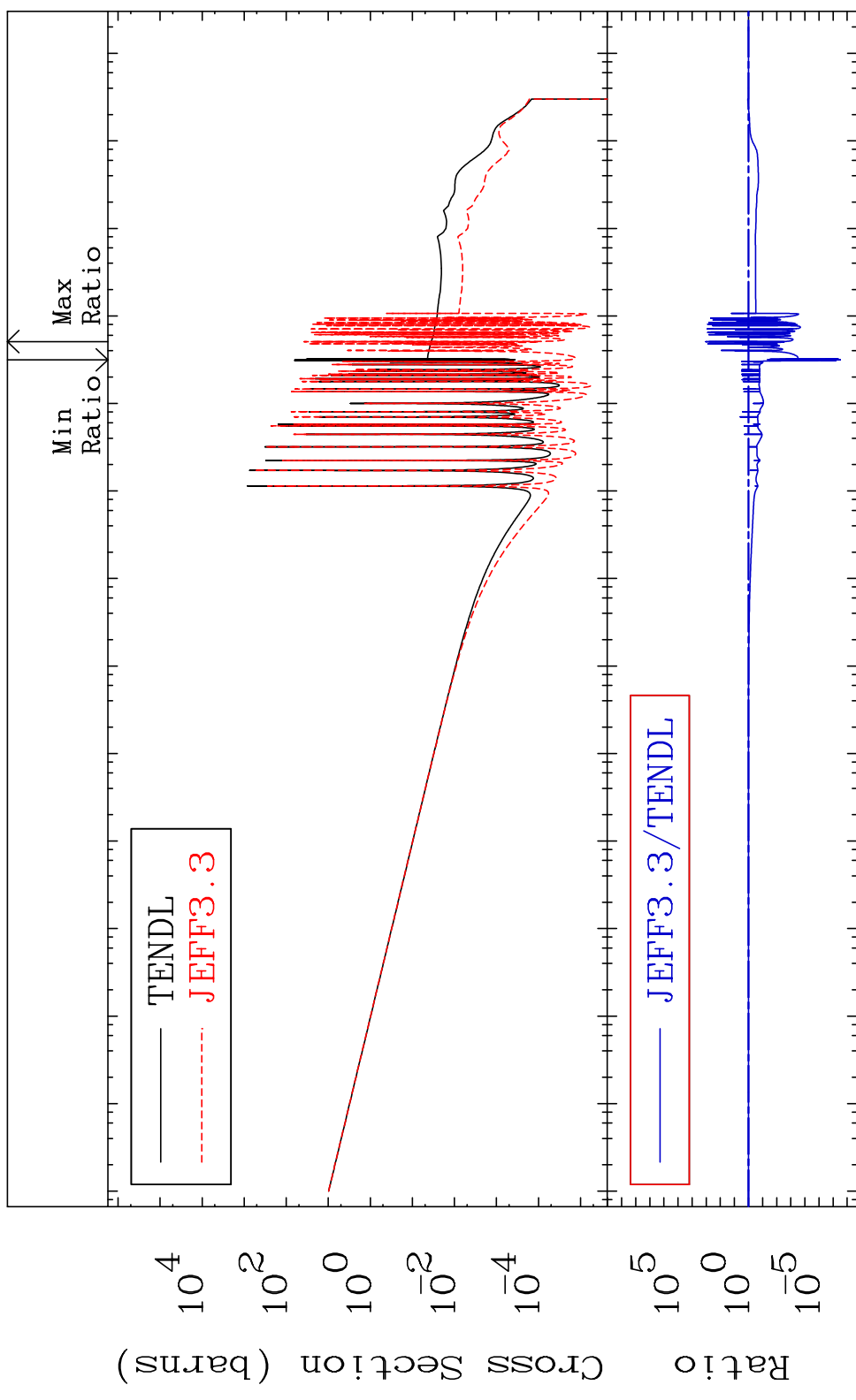


MAT 5255

(n, γ)

52-Te-130

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

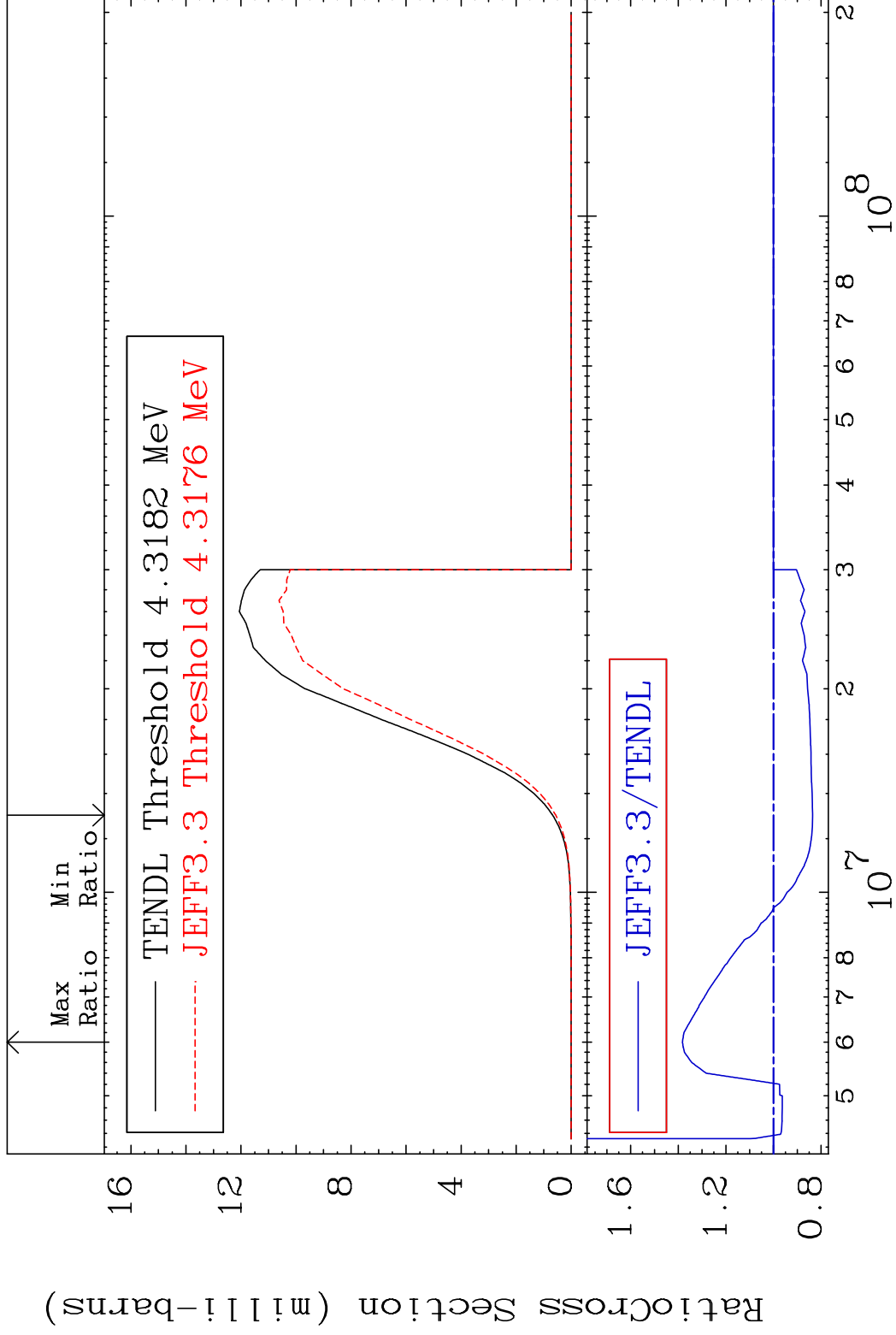
52-Te-130

MAT 5255

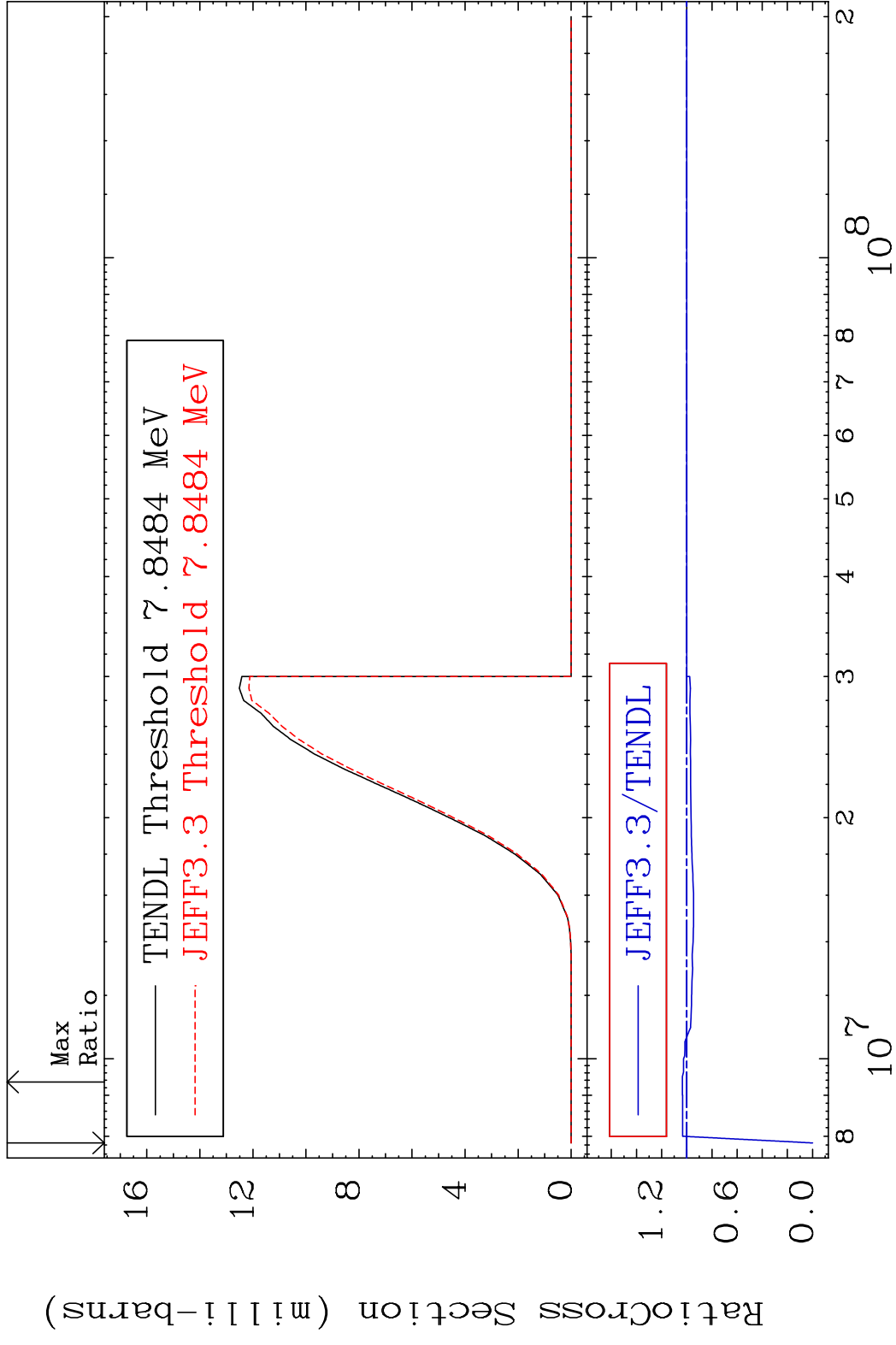
(n,p)

52-Te-130

Cross Section -16.42 To 38.28 %



MAT 5255 (n,d) 52-Te-130
 Cross Section -100.0 To 3.521 %

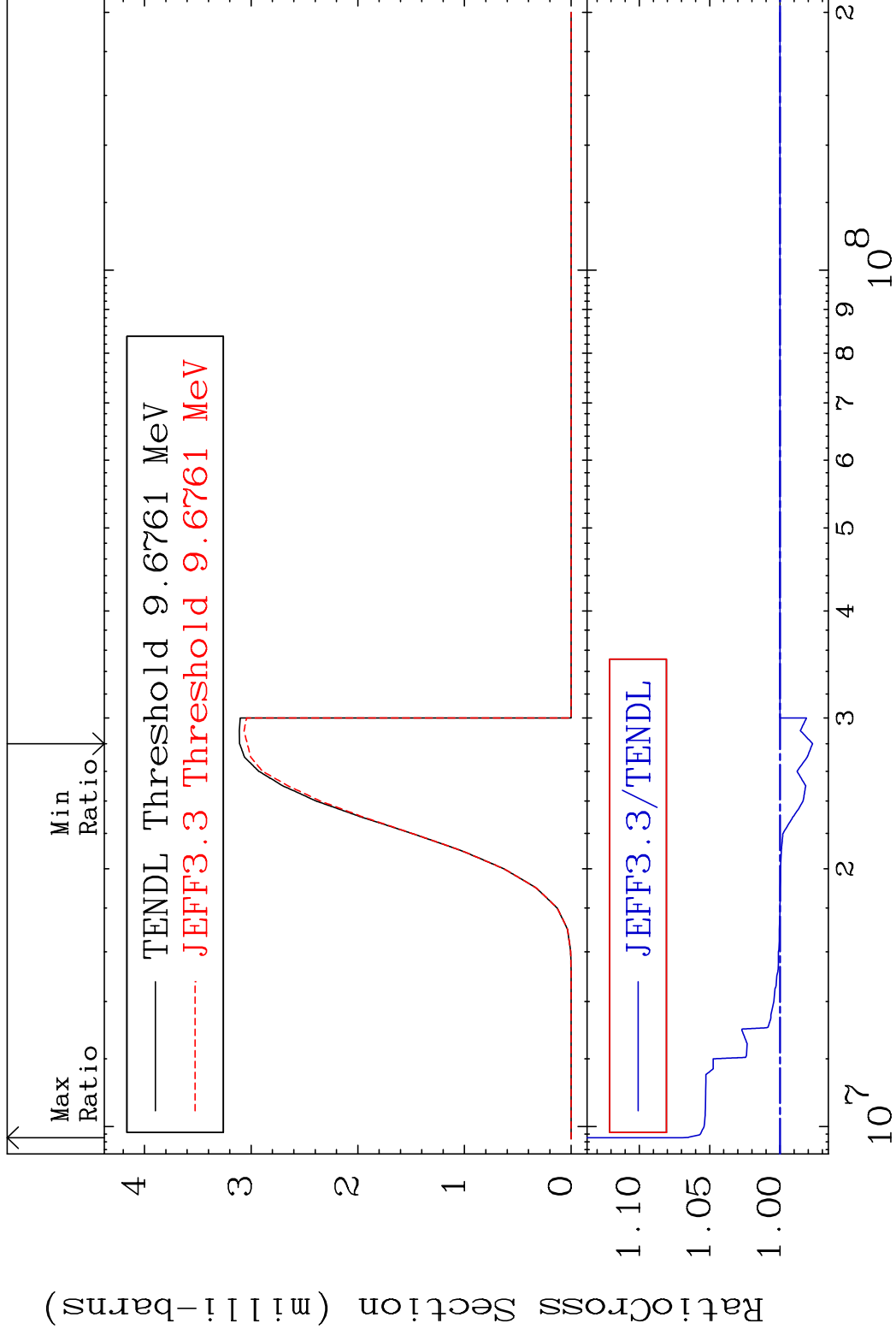


MAT 5255

(n, t)

52-Te-130

Cross Section -2.304 To 6.940 %



38

Incident Energy (eV)

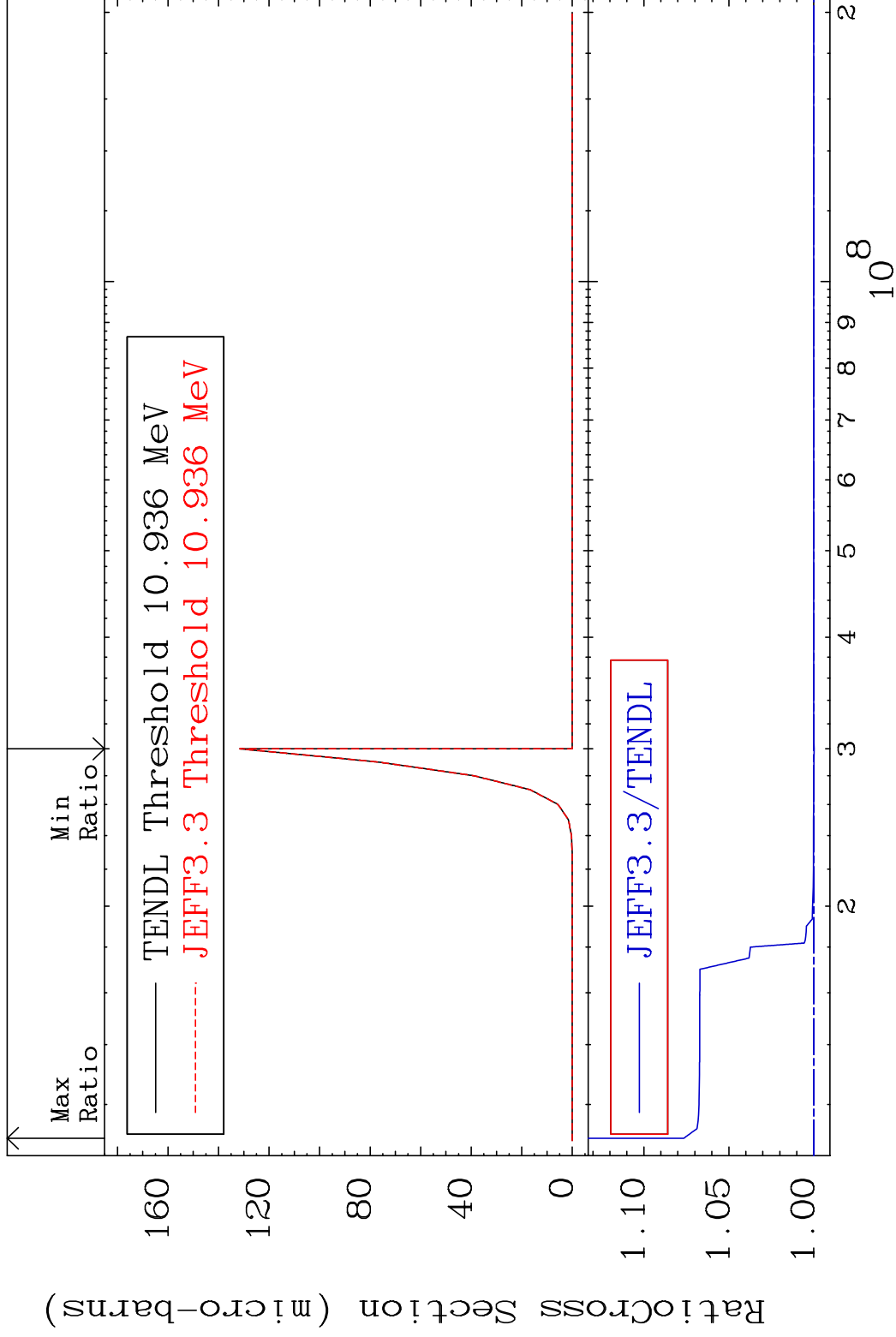
52-Te-130

MAT 5255

(n, He-3)

52-Te-130

Cross Section -0.019 To 7.658 %



39

Incident Energy (eV)

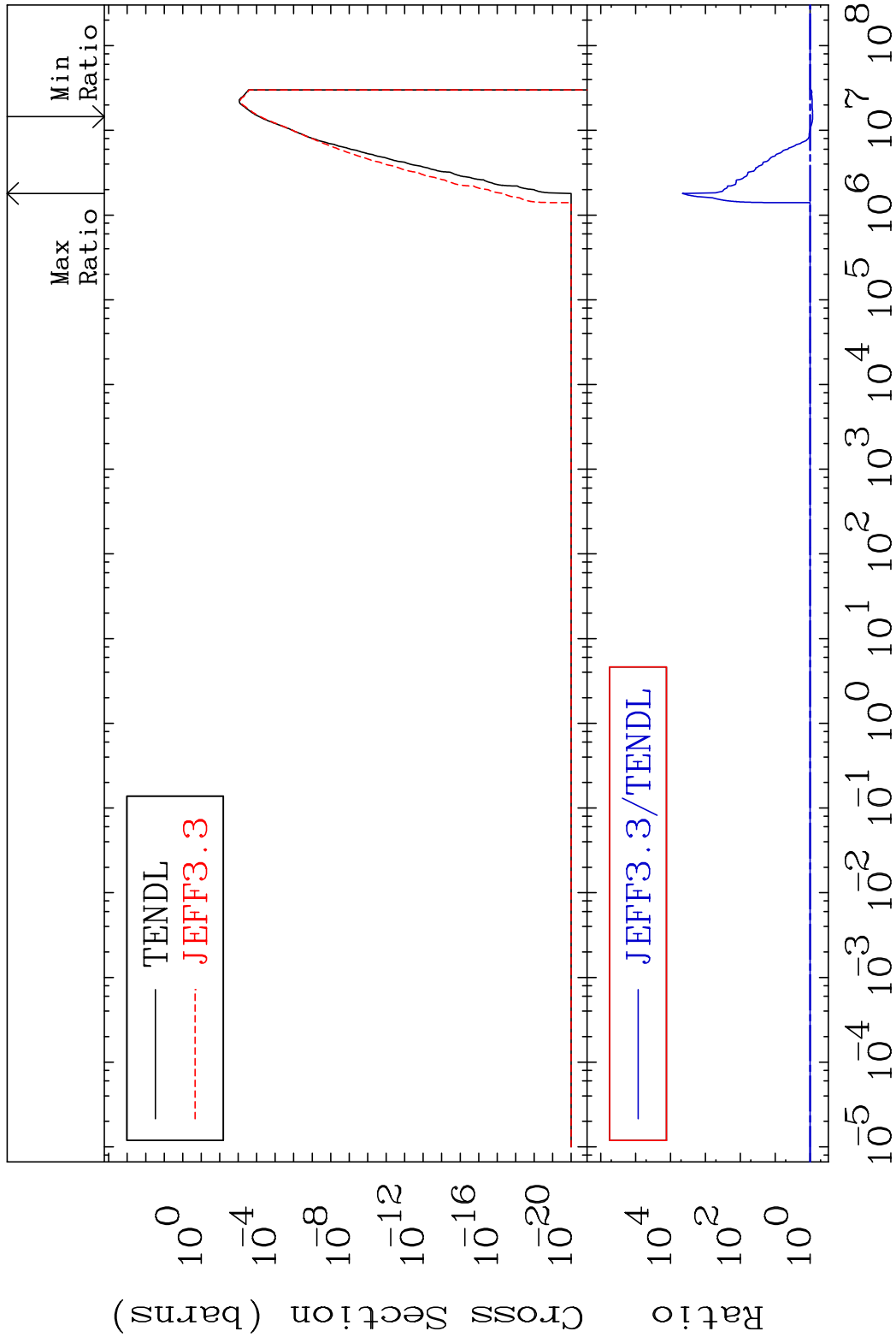
52-Te-130

MAT 5255

(n, α)

52-Te-130

Cross Section -14.93 To 9999. %



40

Incident Energy (eV)

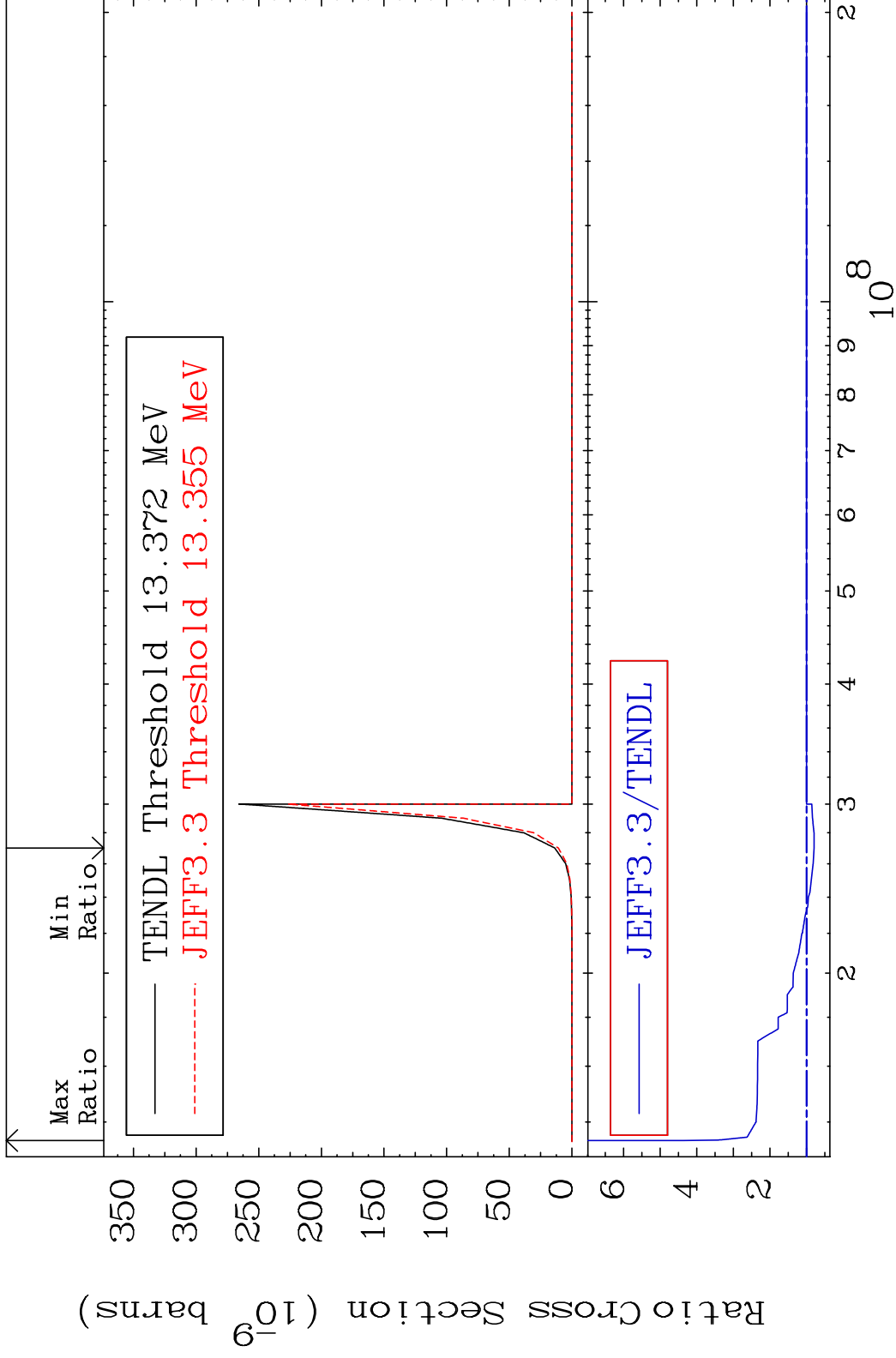
52-Te-130

MAT 5255

(n,2p)

52-Te-130

Cross Section -20.76 To 336.3 %



41

Incident Energy (eV)

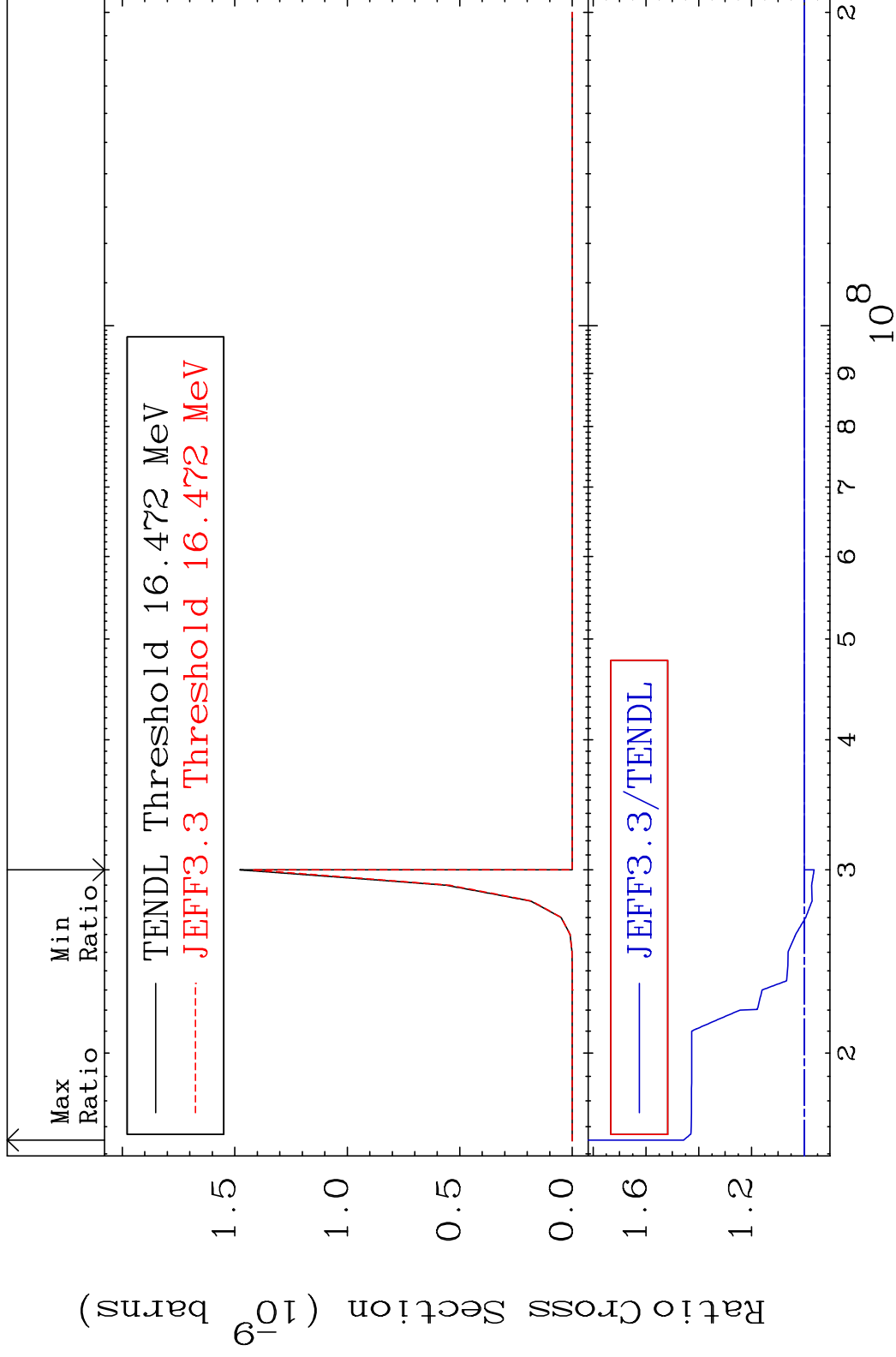
52-Te-130

MAT 5255

(n,p) d

52-Te-130

Cross Section -3.698 To 45.71 %

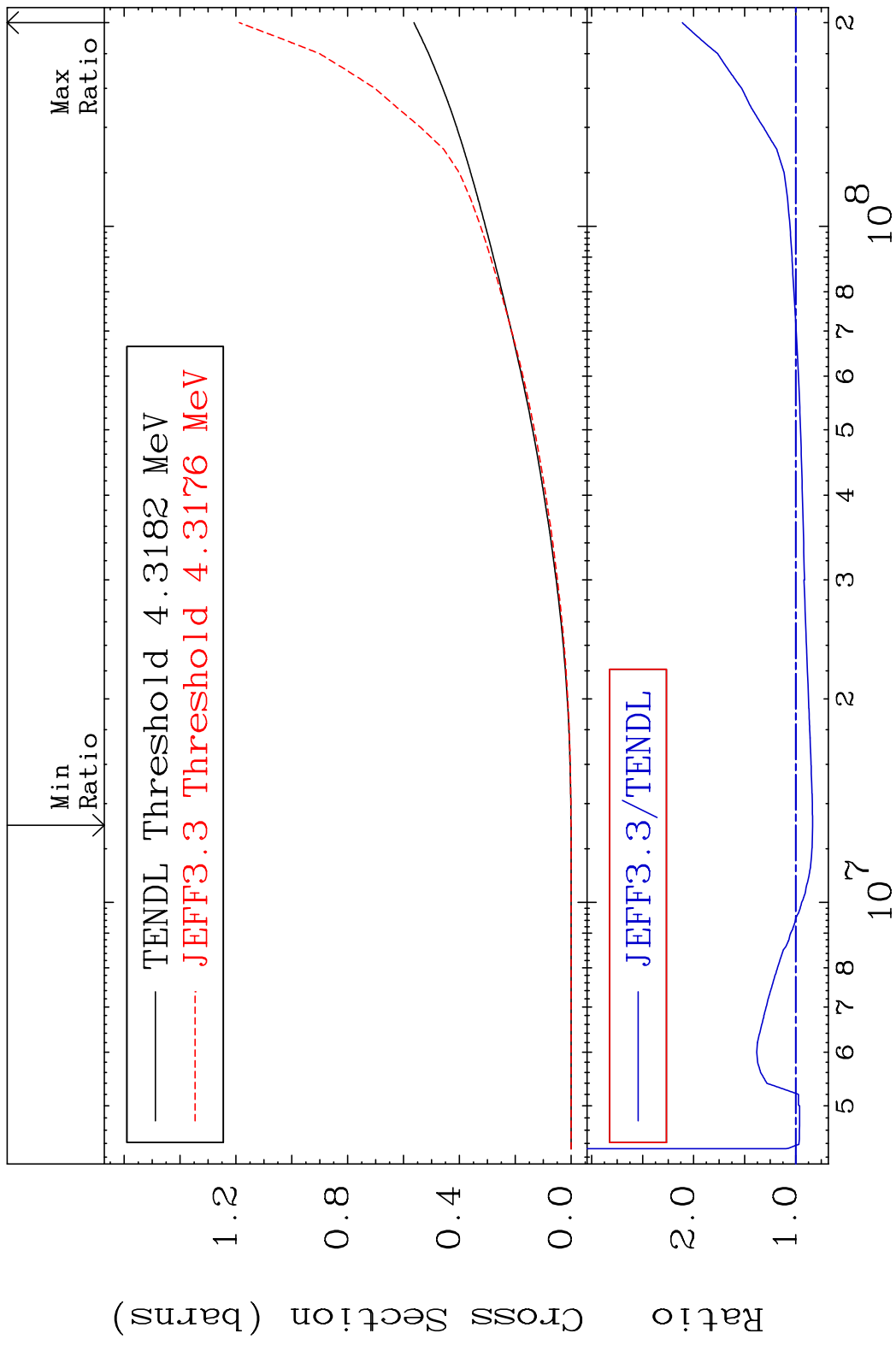


42

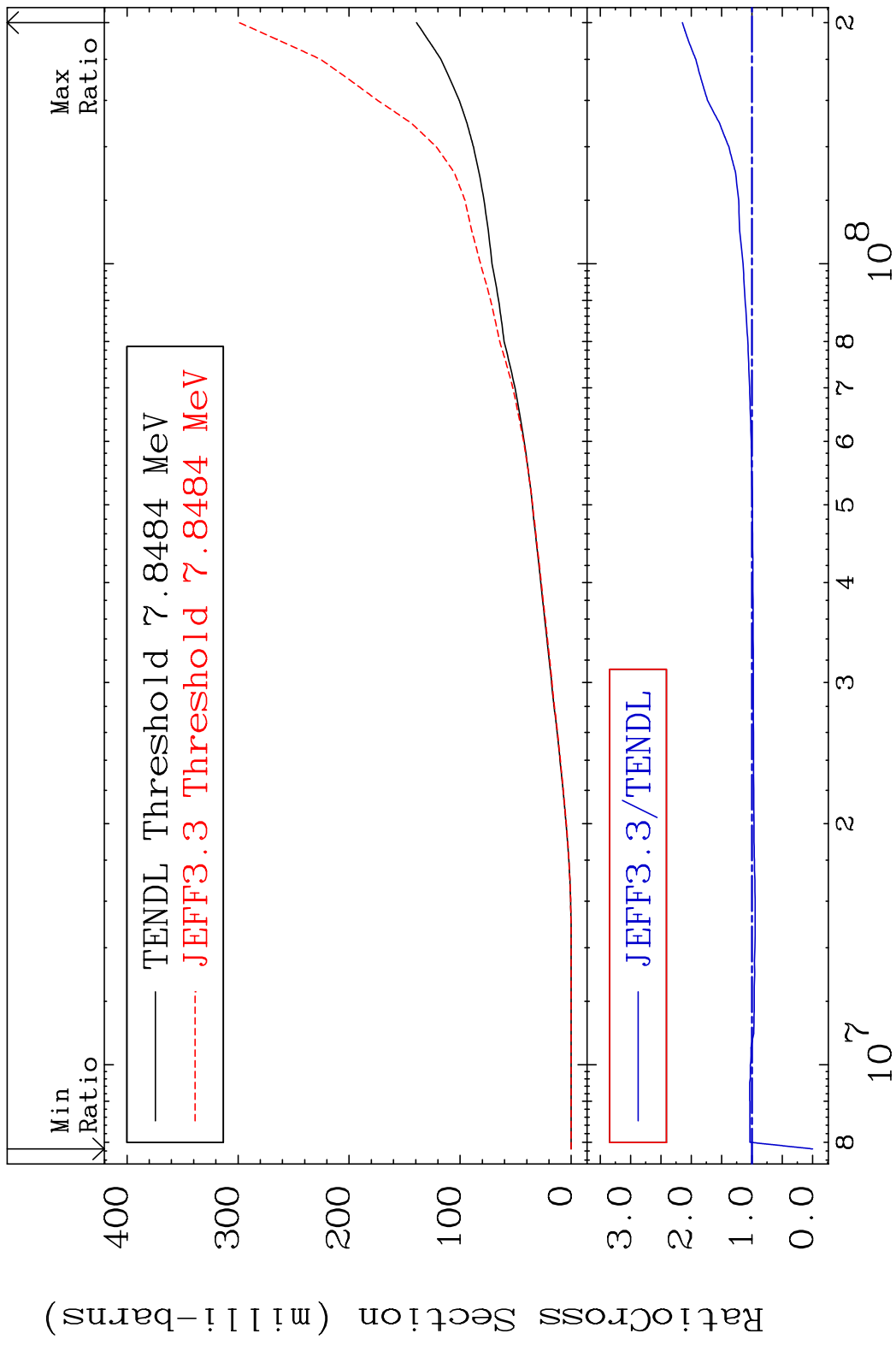
Incident Energy (eV)

52-Te-130

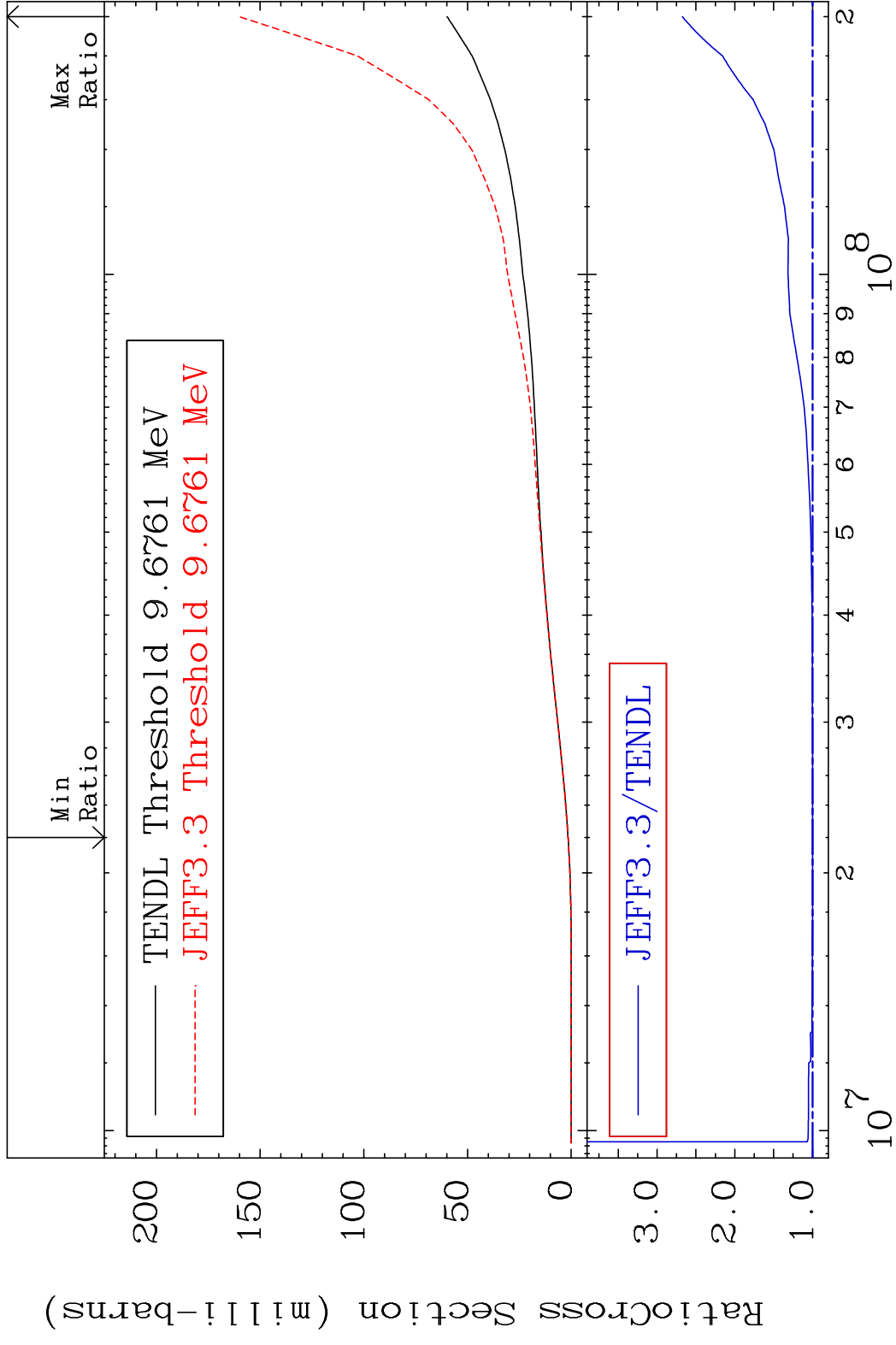
MAT 5255 Hydrogen Production 52-Te-130
 Cross Section -16.41 To 111.1 %



MAT 5255 Deuterium Production 52-Te-130
 Cross Section -100.0 To 114.6 %



MAT 5255 Tritium Production 52-Te-130
 Cross Section -0.040 To 167.5 %



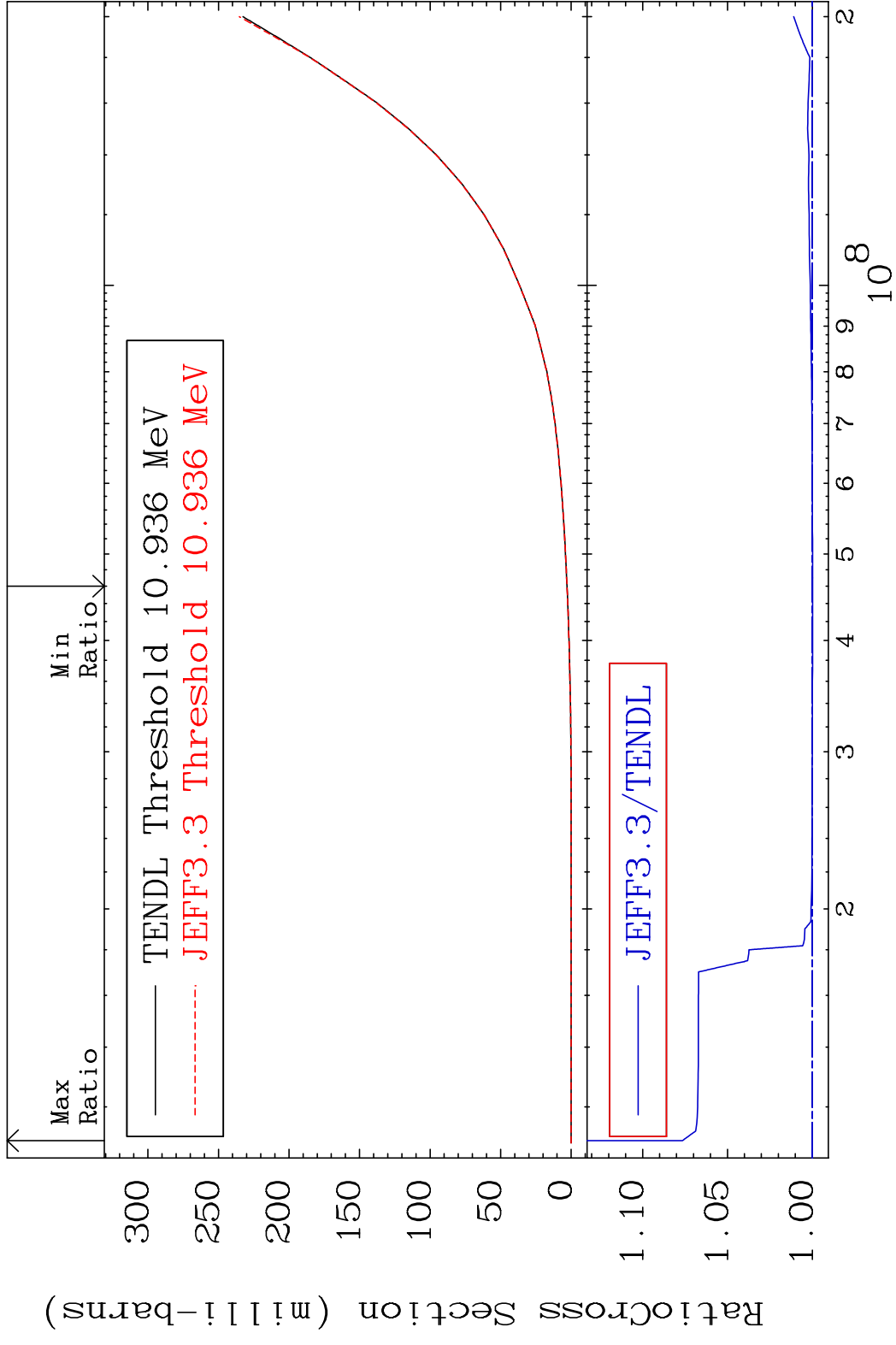
45 52-Te-130

MAT 5255

He-3 Production

52-Te-130

Cross Section -0.017 To 7.658 %

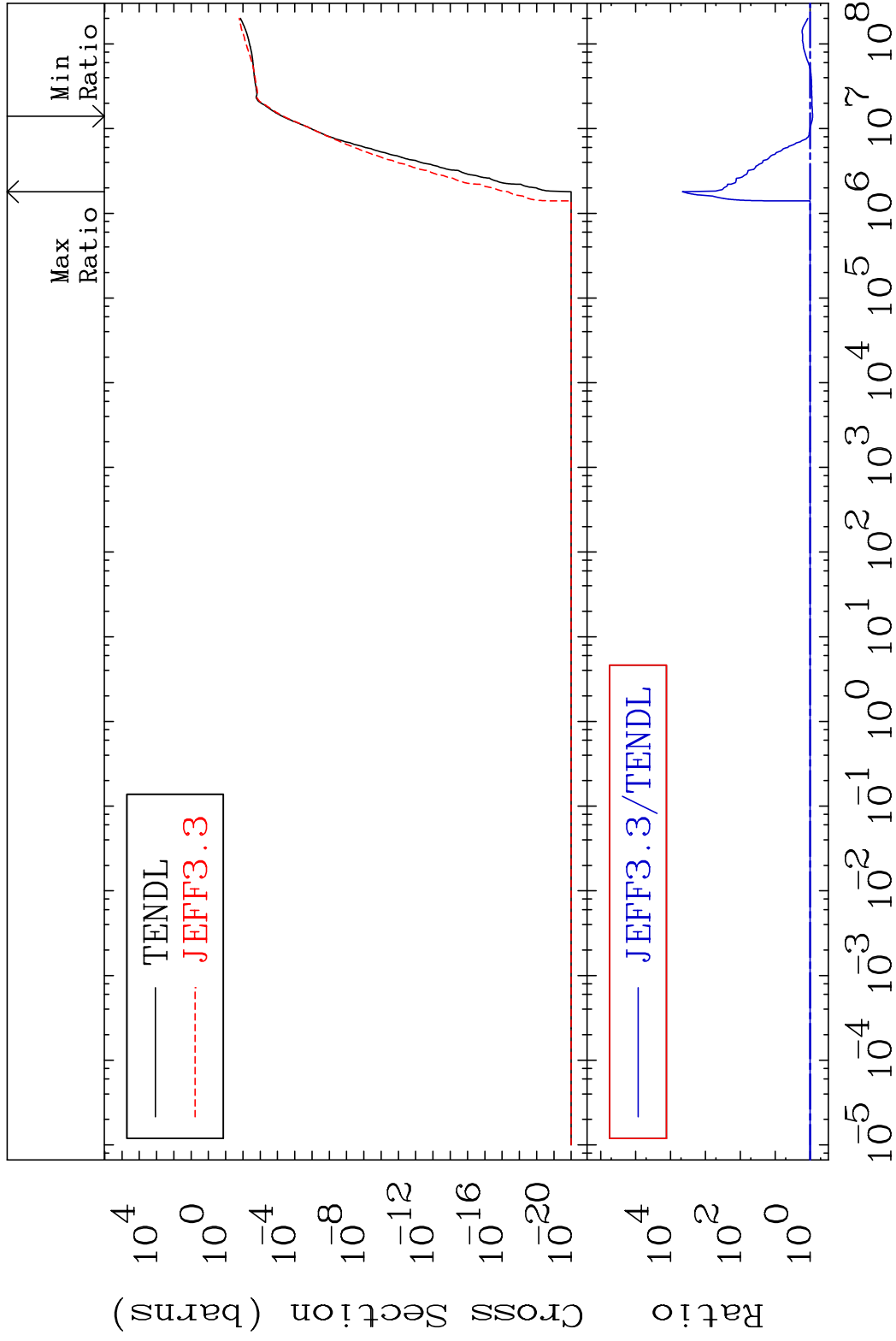


MAT 5255

He-4 Production

52-Te-130

Cross Section -14.76 To 9999. %



47

Incident Energy (eV)

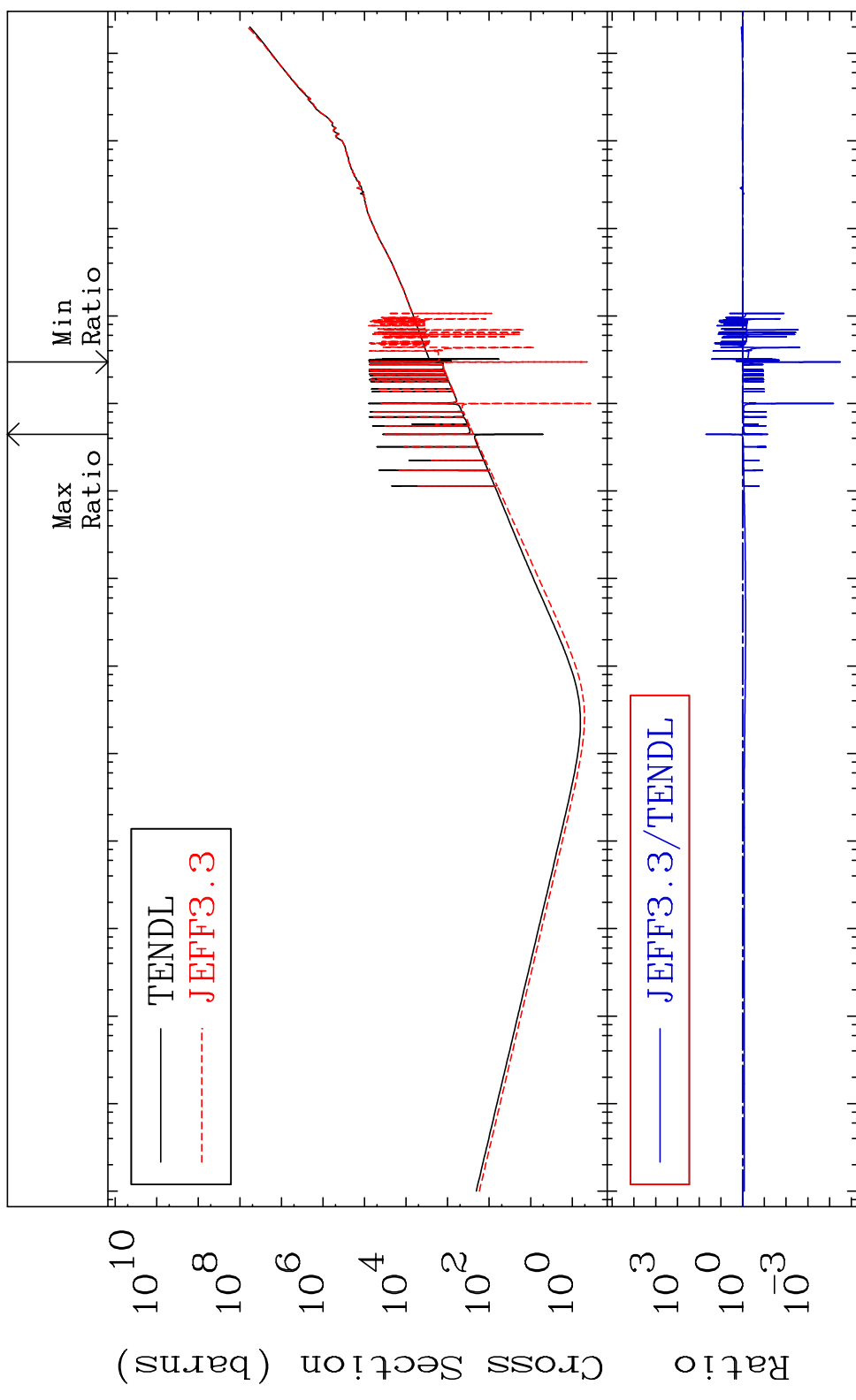
52-Te-130

MAT 5255

Kerma total (eV-barns)

52-Te-130

Cross Section -100.0 To 4874. %



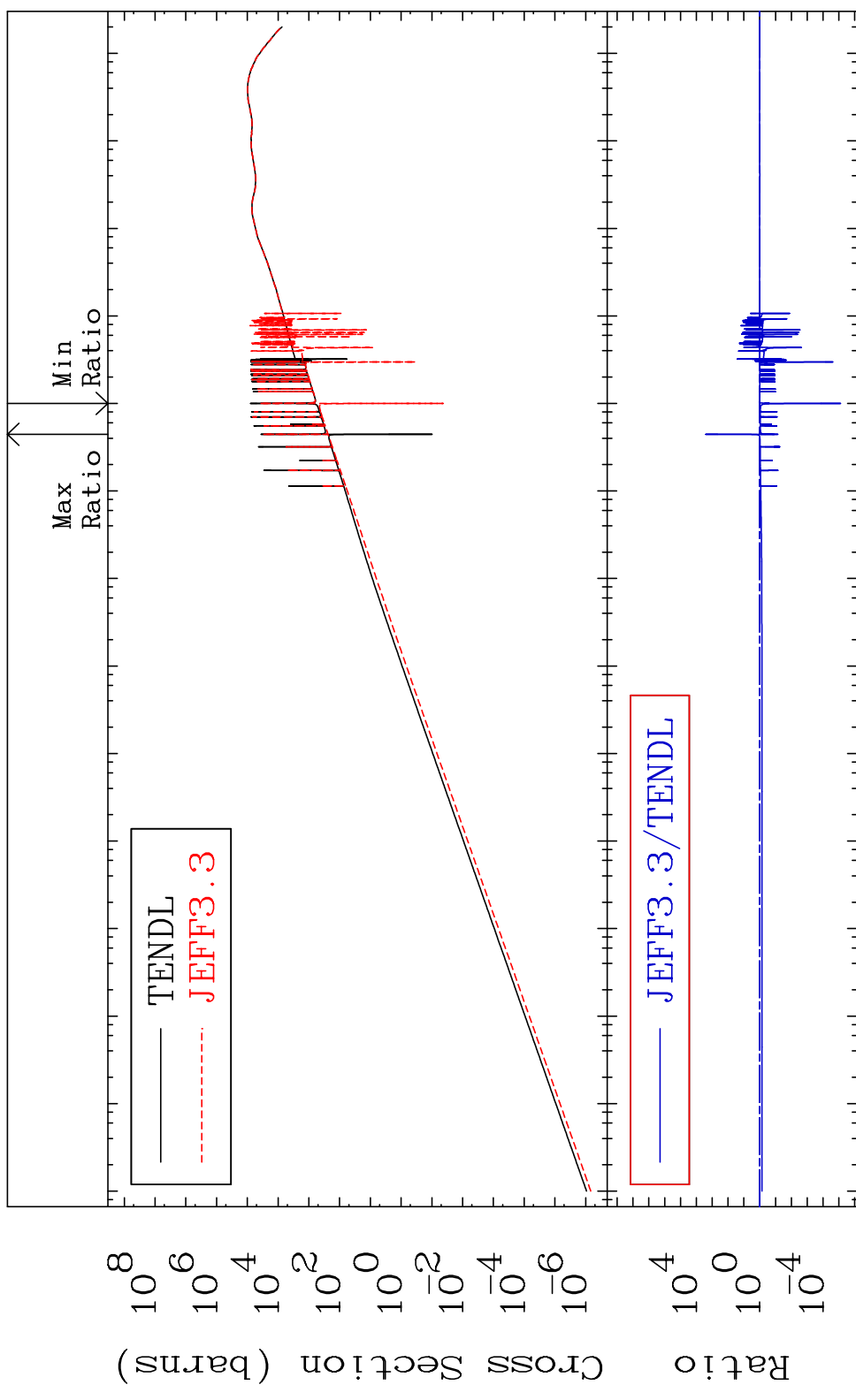
48

Incident Energy (eV)

52-Te-130

MAT 5255

Kerma elastic Cross Section -100.0 To 9999. %
52-Te-130

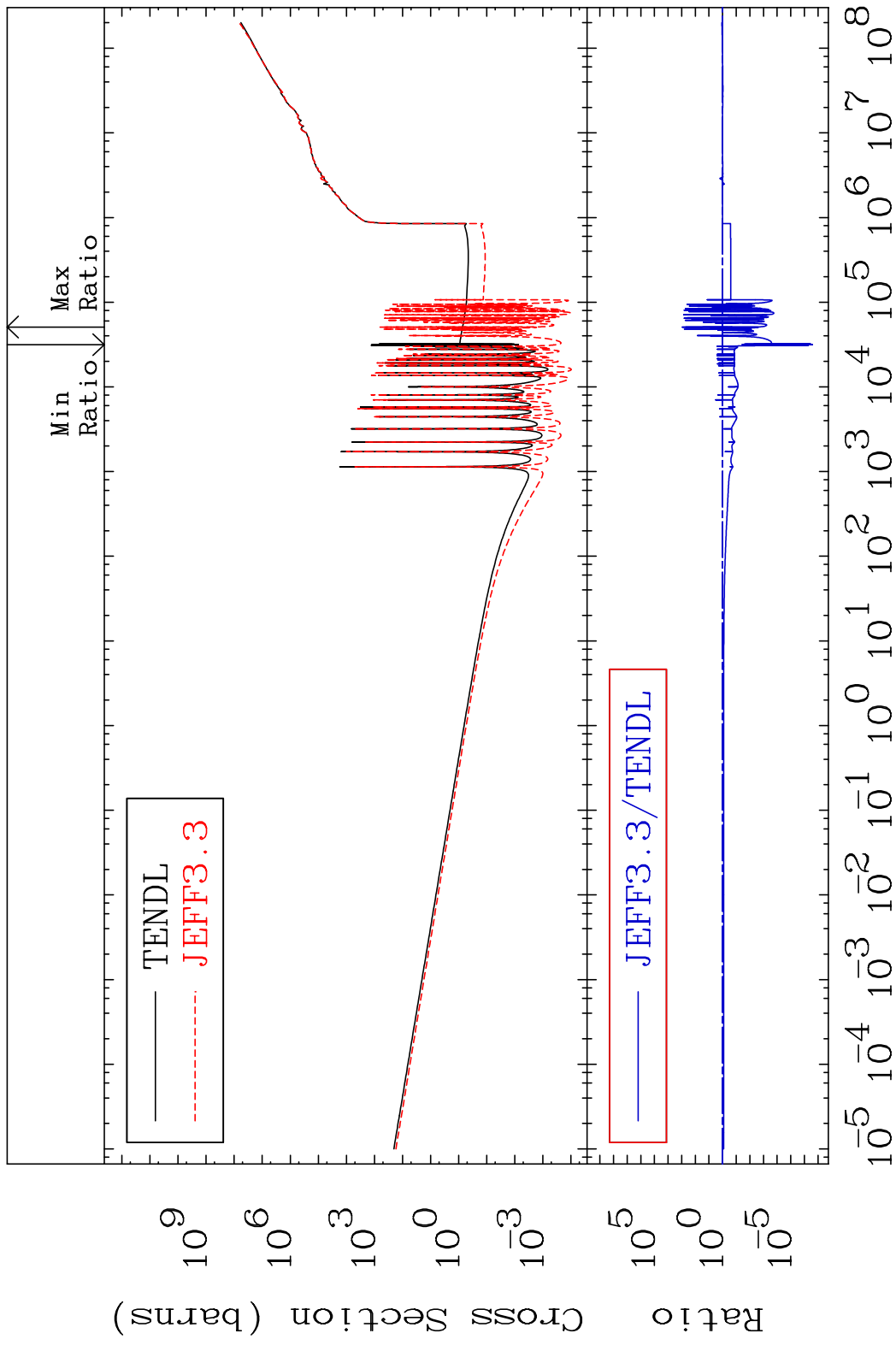


49

Incident Energy (eV)

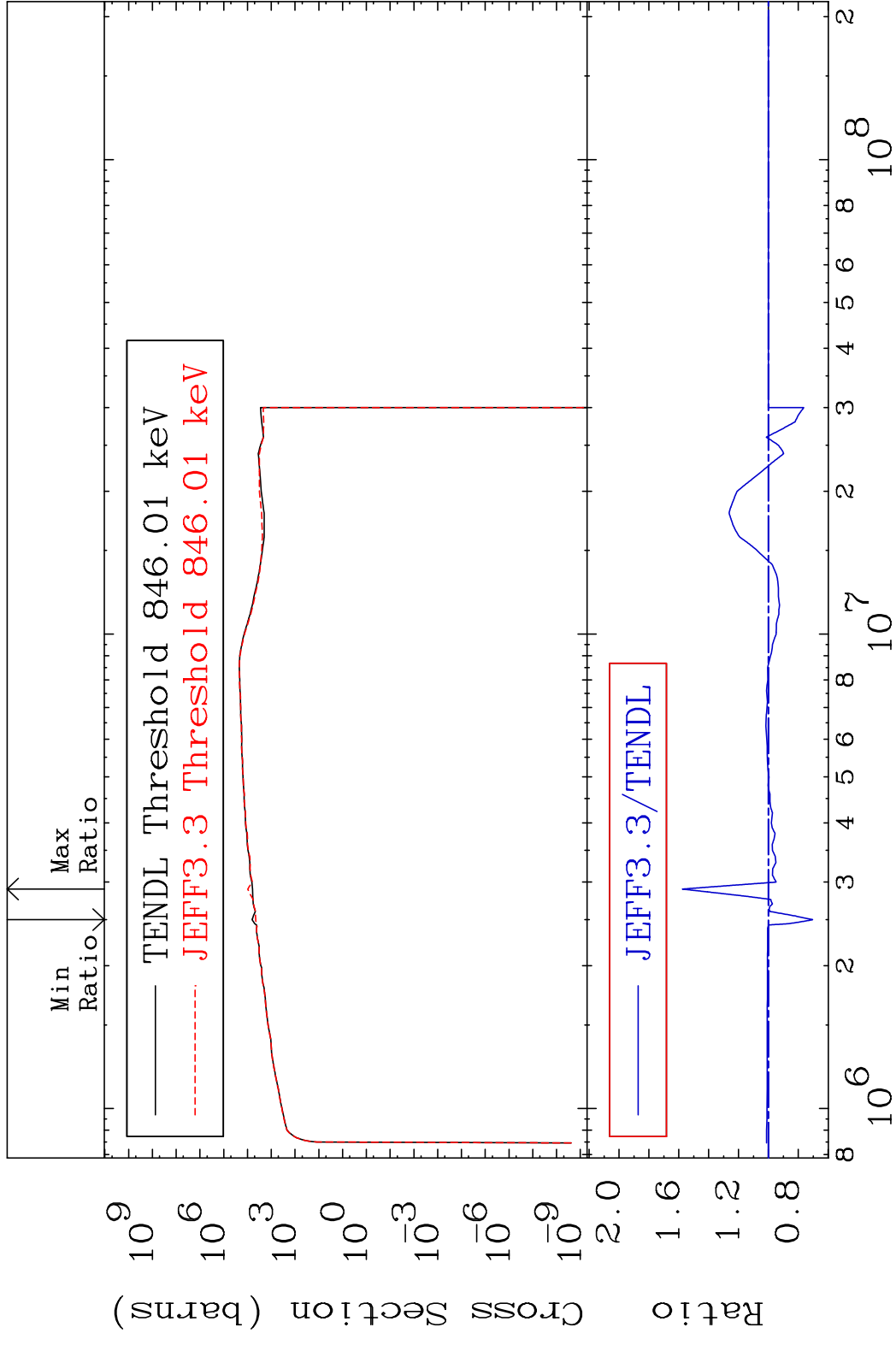
52-Te-130

MAT 5255 Kerma non-elastic (all but mt2) 52-Te-130
Cross Section -100.0 To 9999. %

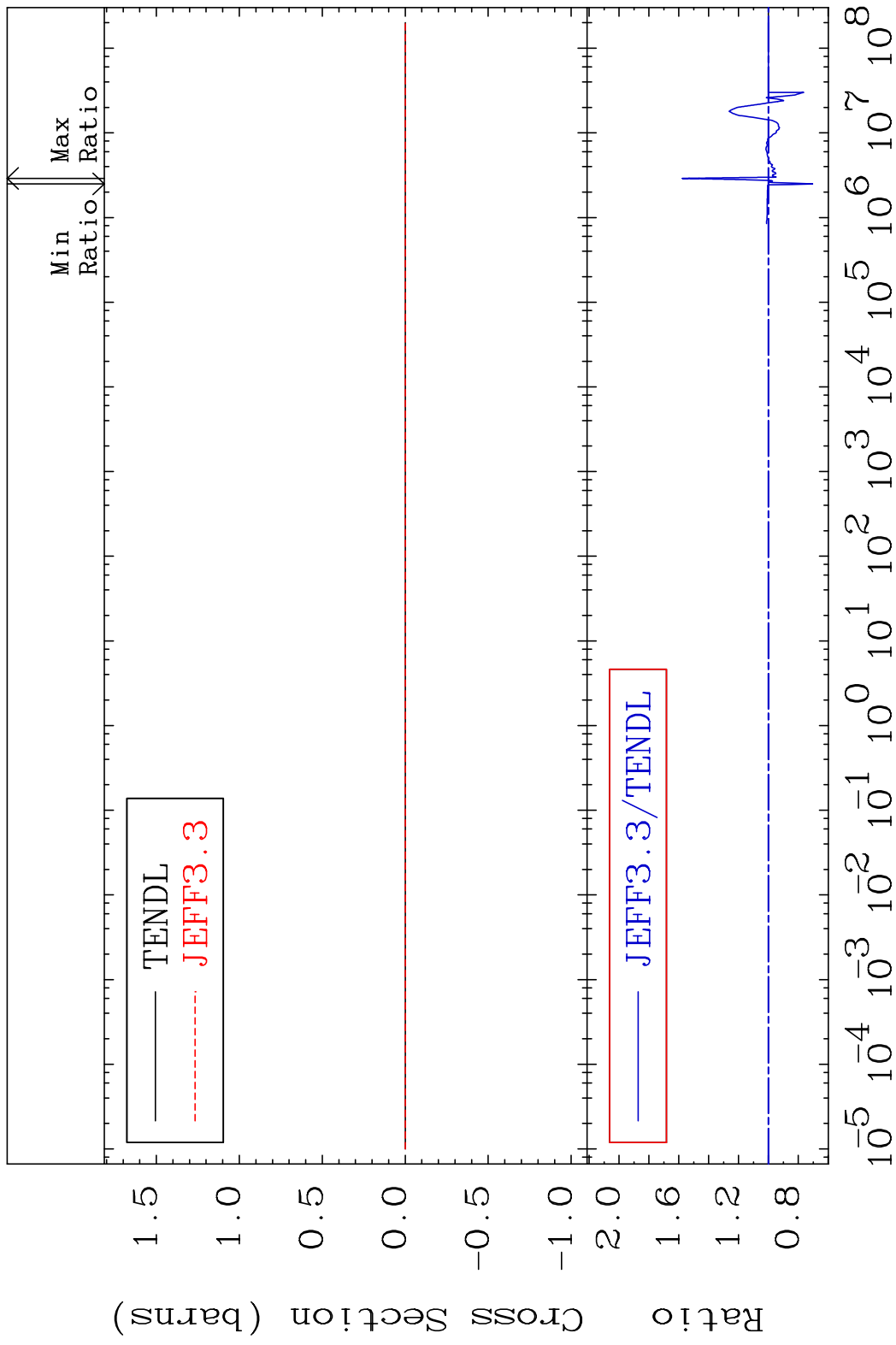


50 Incident Energy (eV) 52-Te-130

MAT 5255 Kerma inelastic (mt51-91) 52-Te-130
 Cross Section -29.58 To 57.60 %

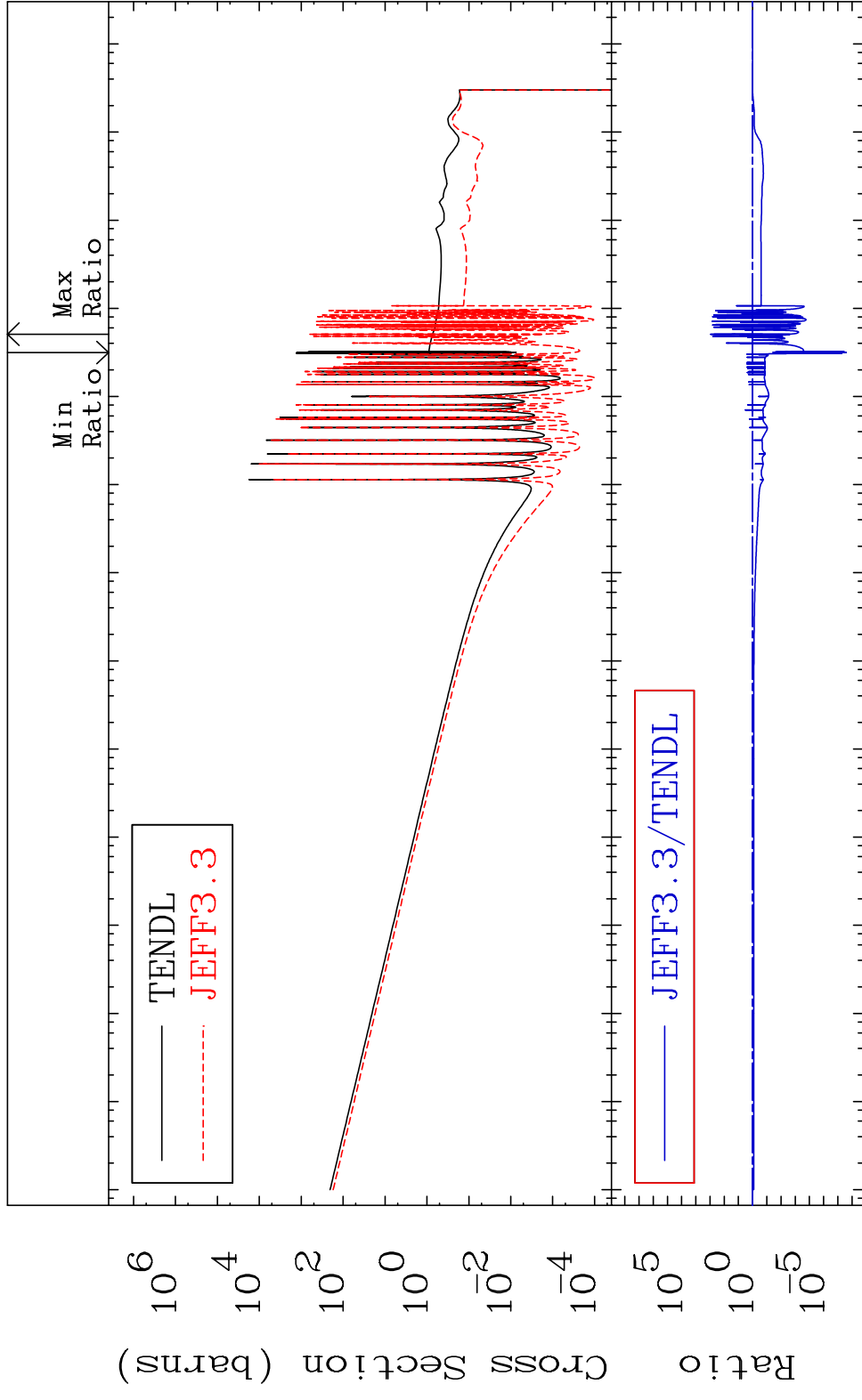


MAT 5255 Kerma fission (mt18 or mt19-20-21-38) 52-Te-130
 Cross Section -29.58 To 57.60 %



MAT 5255

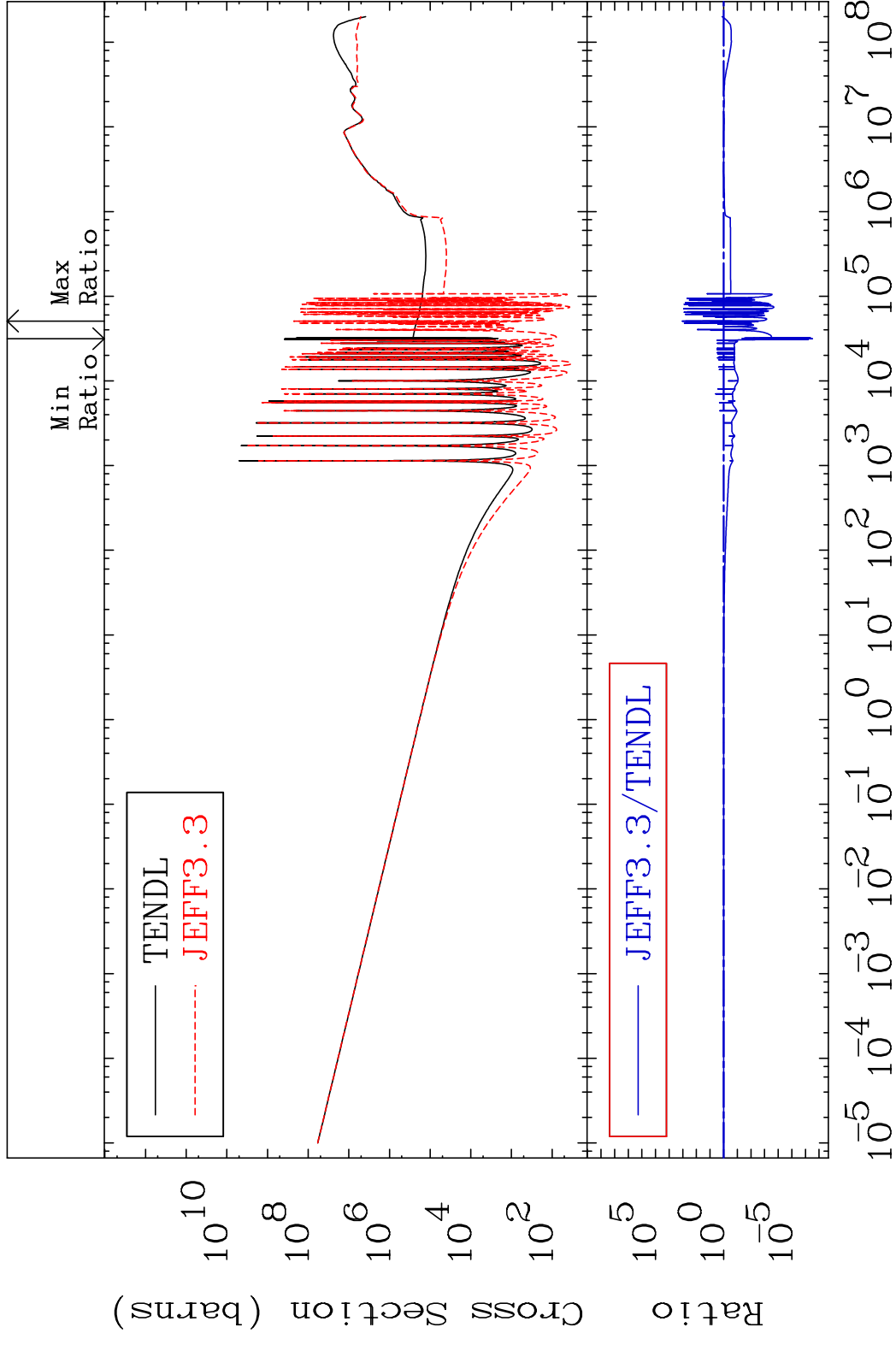
Kerma capture (mt102) 52-Te-130
Cross Section -100.0 To 9999. %



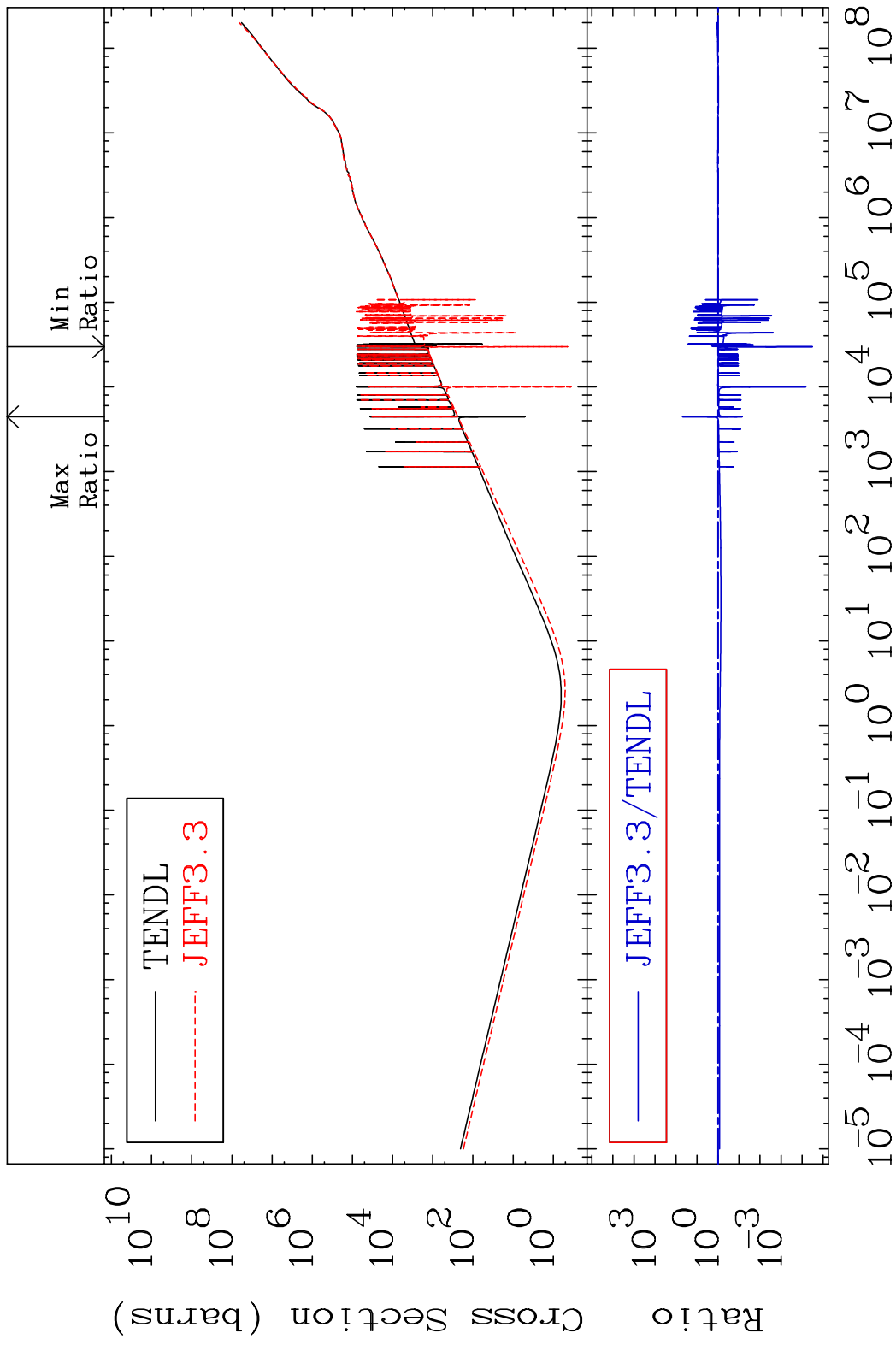
53

Incident Energy (eV) 52-Te-130

MAT 5255 Total photon (eV-barns) 52-Te-130
 Cross Section -100.0 To 9999. %



MAT 5255 Total kinematic kerma (high limit) 52-Te-130
 Cross Section -100.0 To 4874. %

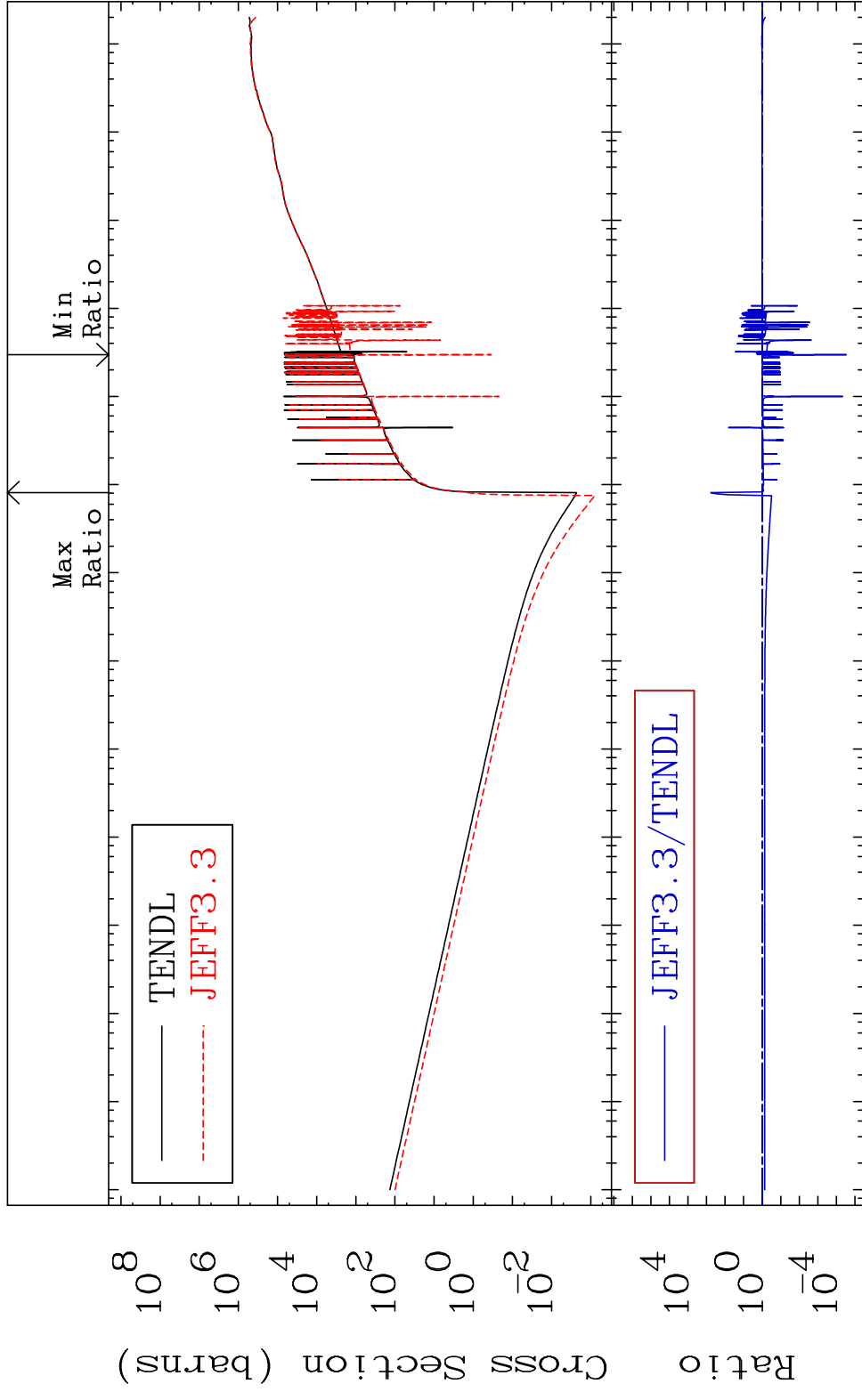


MAT 5255

Dpa total (eV-barns)

52-Te-130

Cross Section -100.0 To 9999. %



56

Incident Energy (eV)

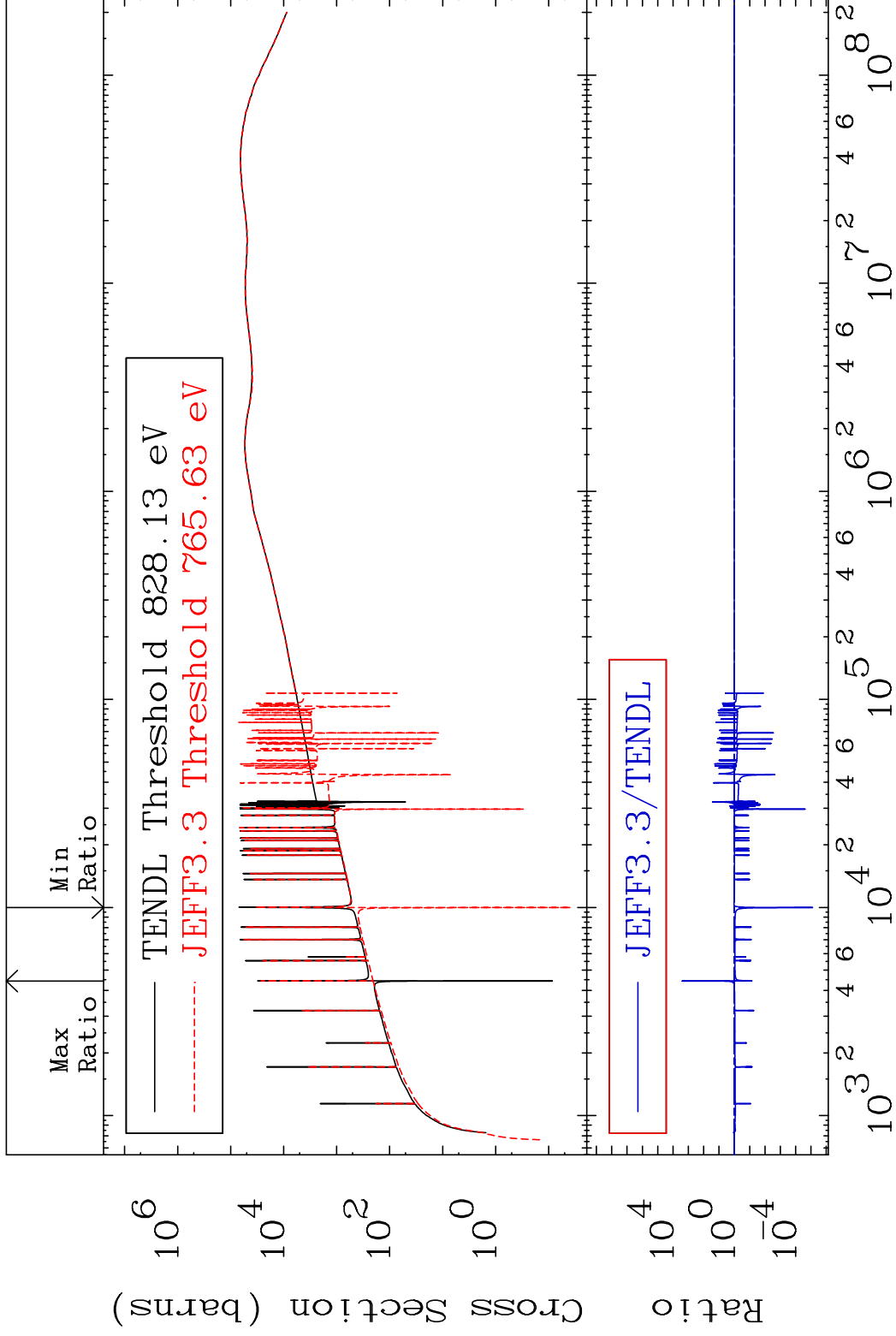
52-Te-130

MAT 5255

Dpa elastic (mt2)

52-Te-130

Cross Section -100.0 To 9999. %



57

Incident Energy (eV)

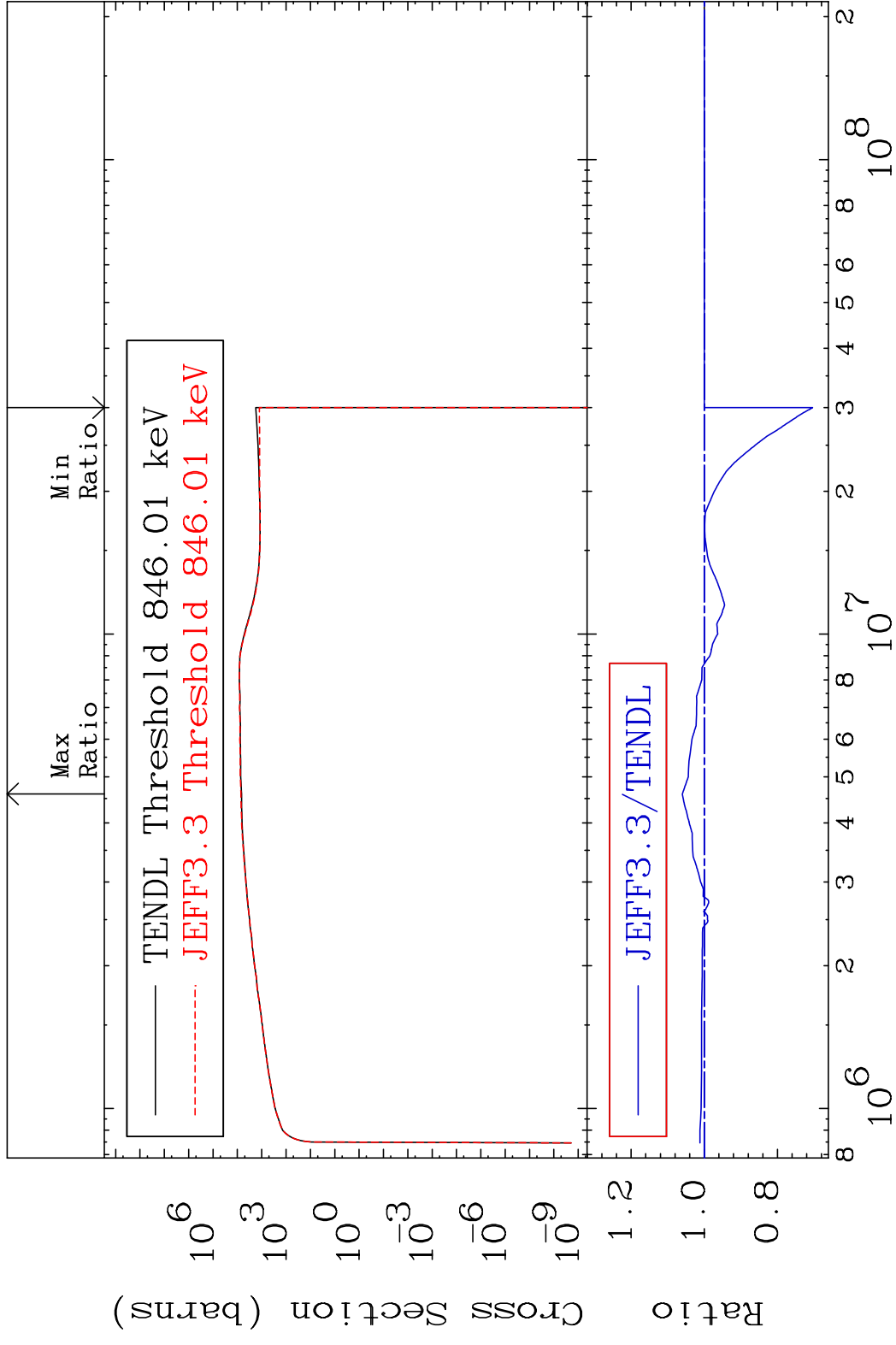
52-Te-130

MAT 5255

Dpa inelastic (mt51-91)

52-Te-130

Cross Section -29.58 To 5.999 %

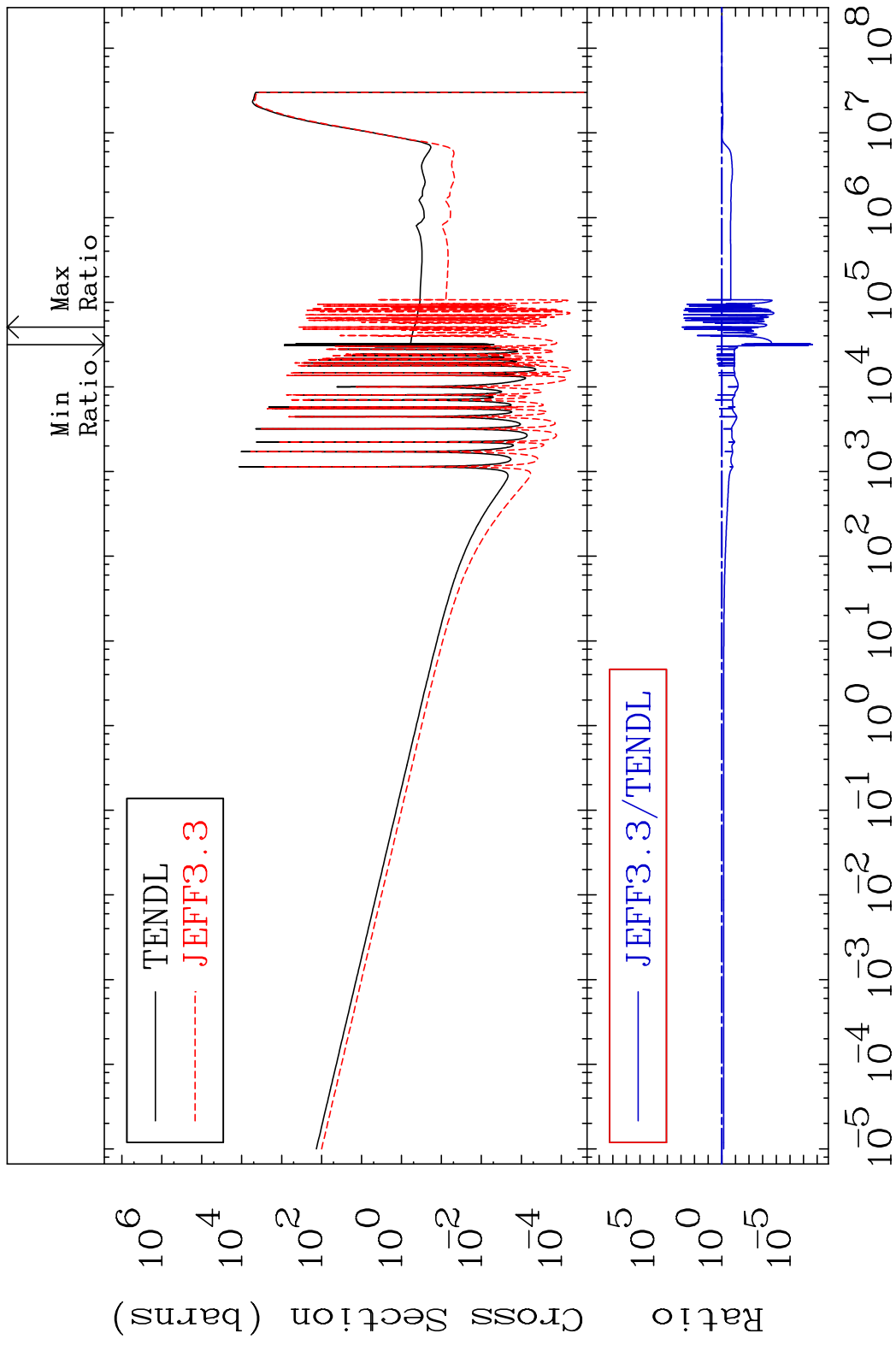


58

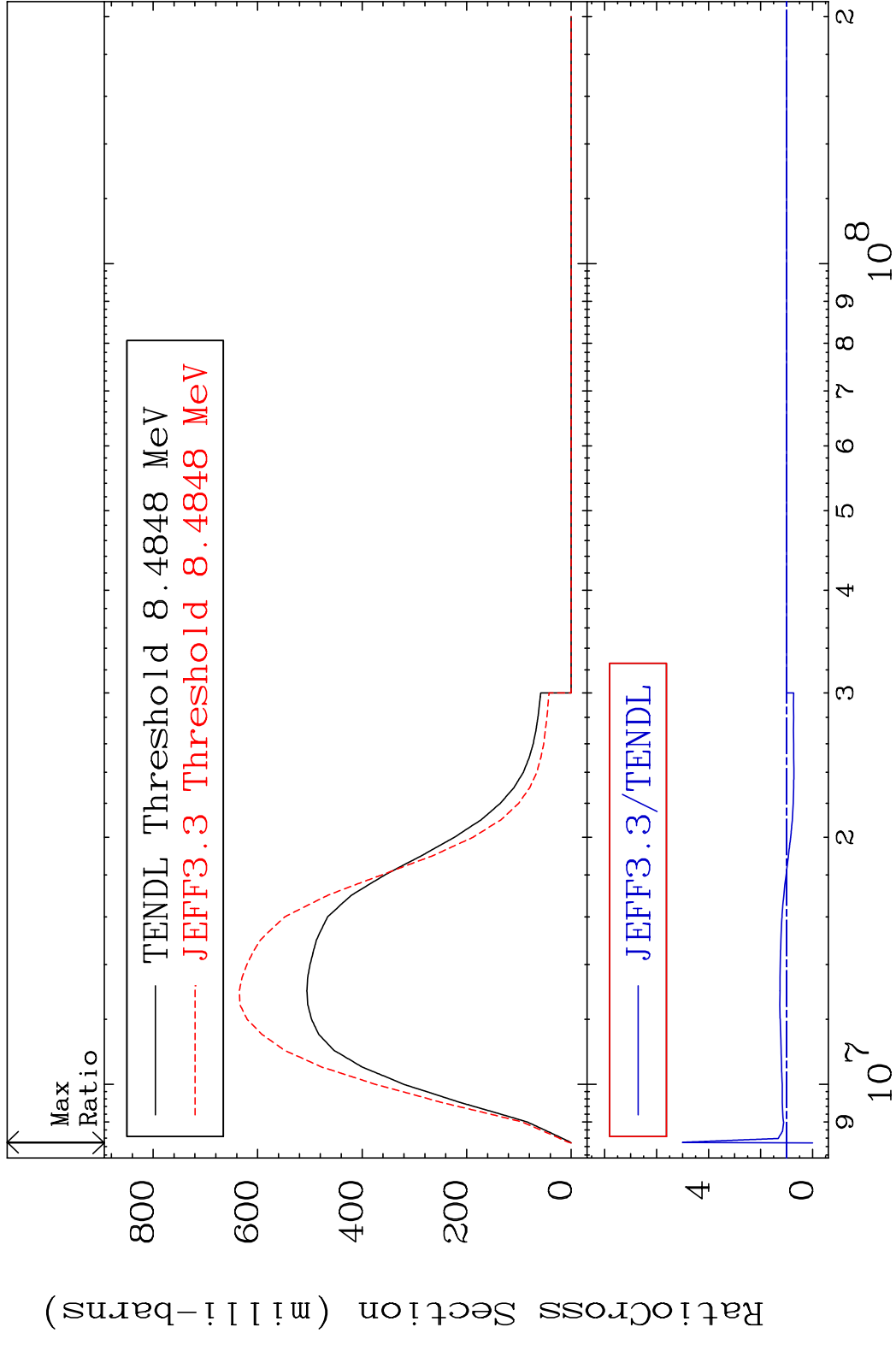
Incident Energy (eV)

52-Te-130

MAT 5255 Dpa disappearance (mt102 -120) 52-Te-130
 Cross Section -100.0 To 9999. %

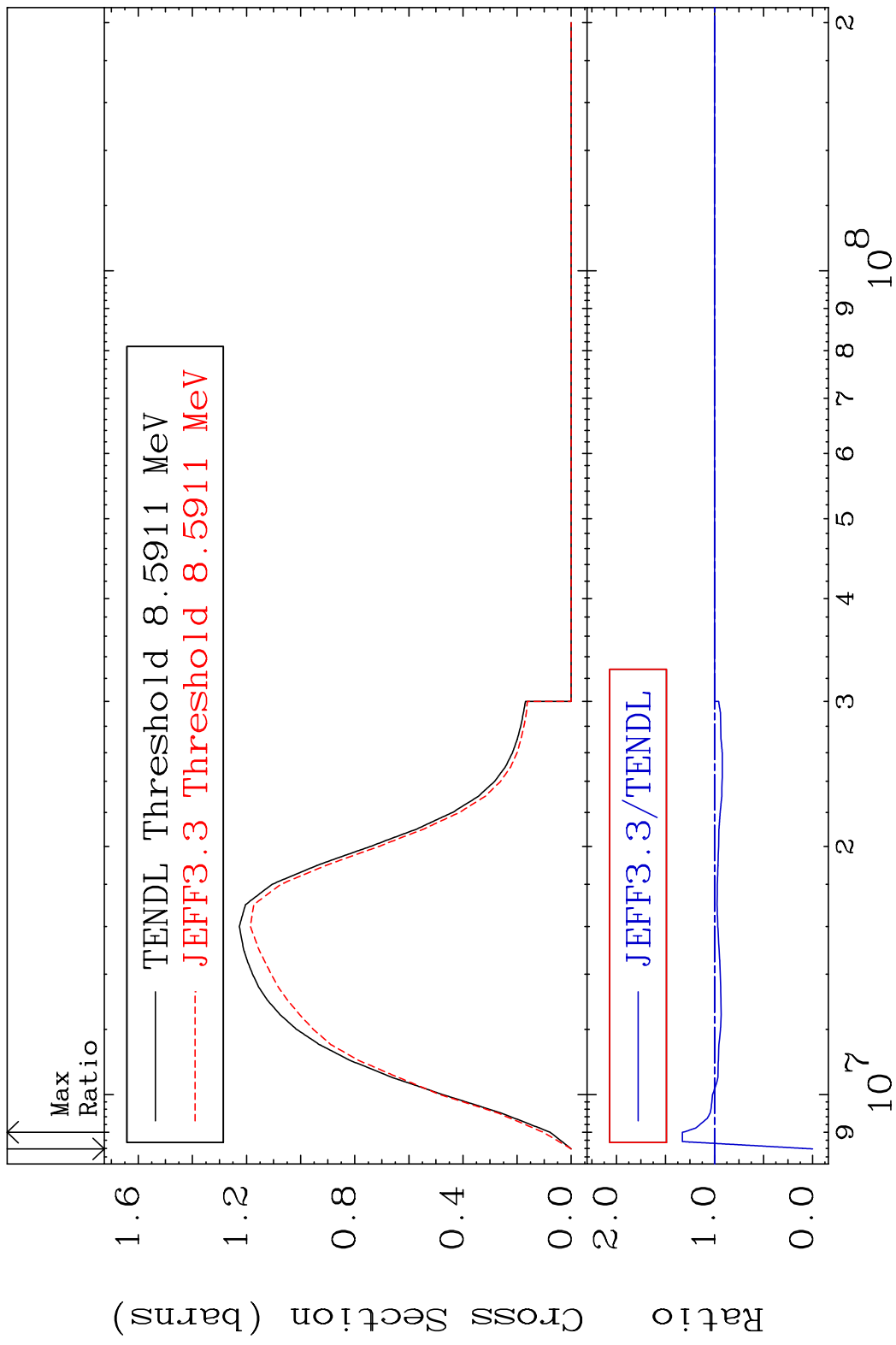


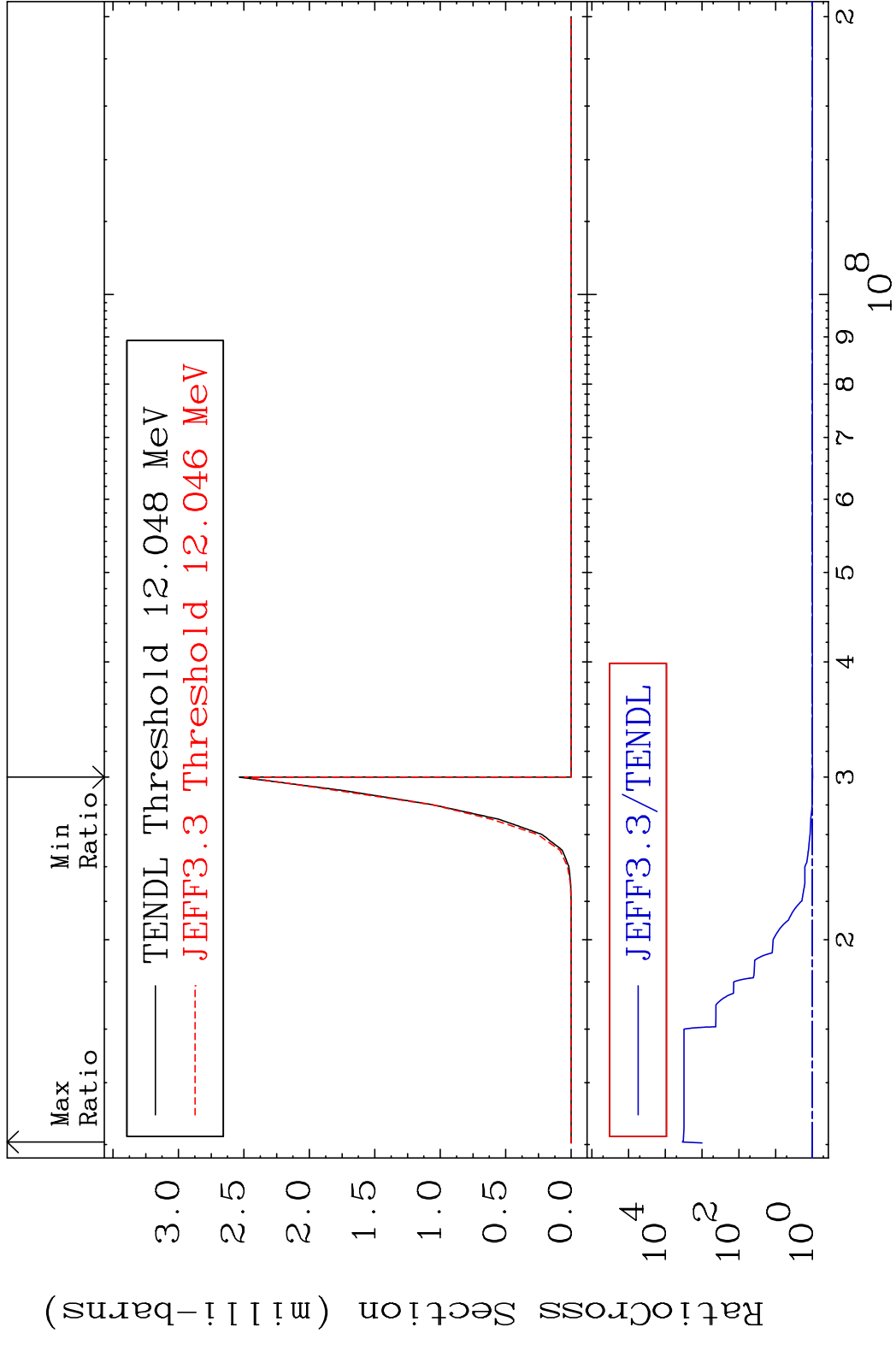
MAT 5255 (n,2n):52-Te-129g 52-Te-130
 Radionuclide Production Cross Section 100.0 dth 400.8 %

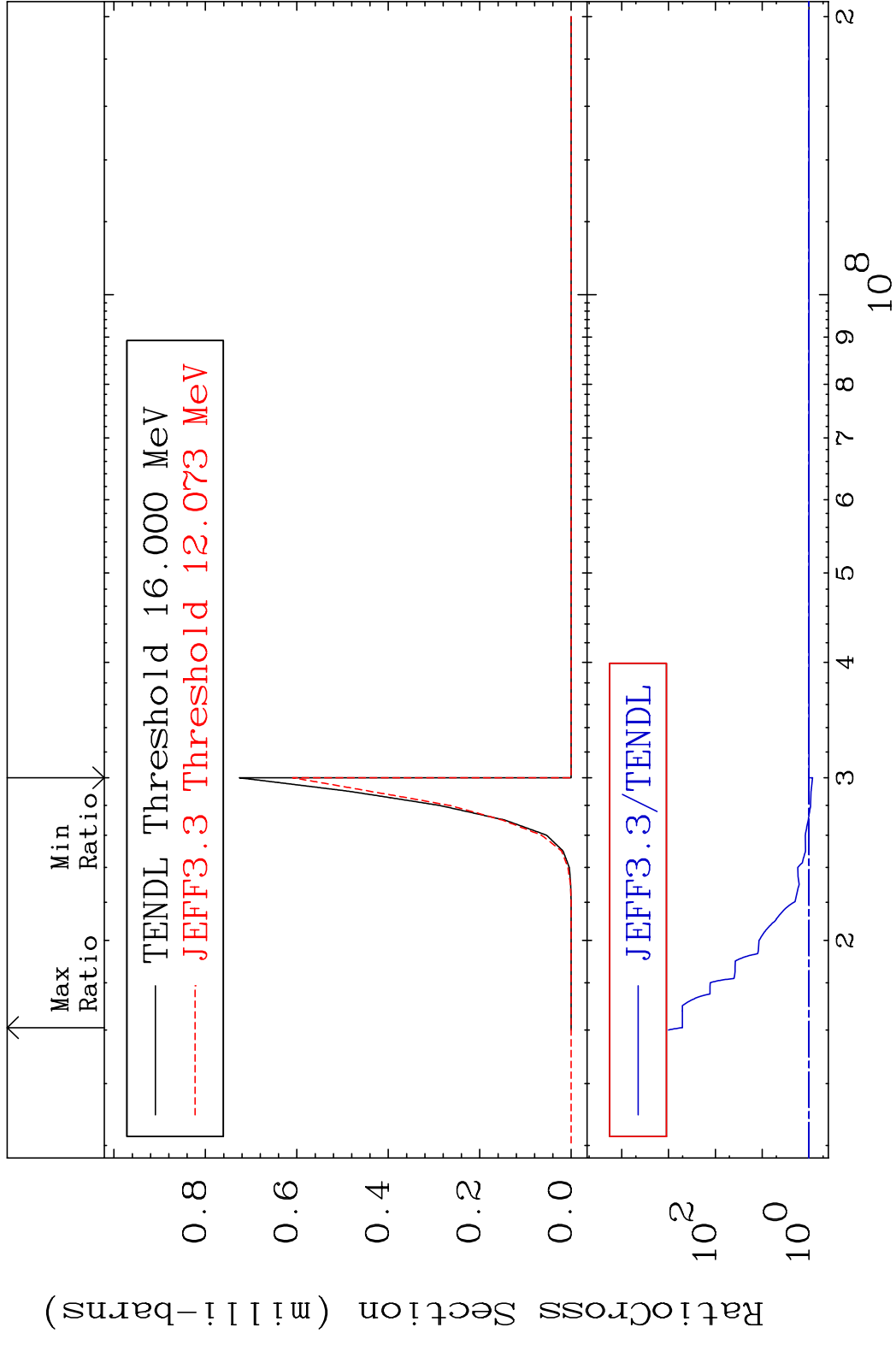


60 Incident Energy (eV) 52-Te-130

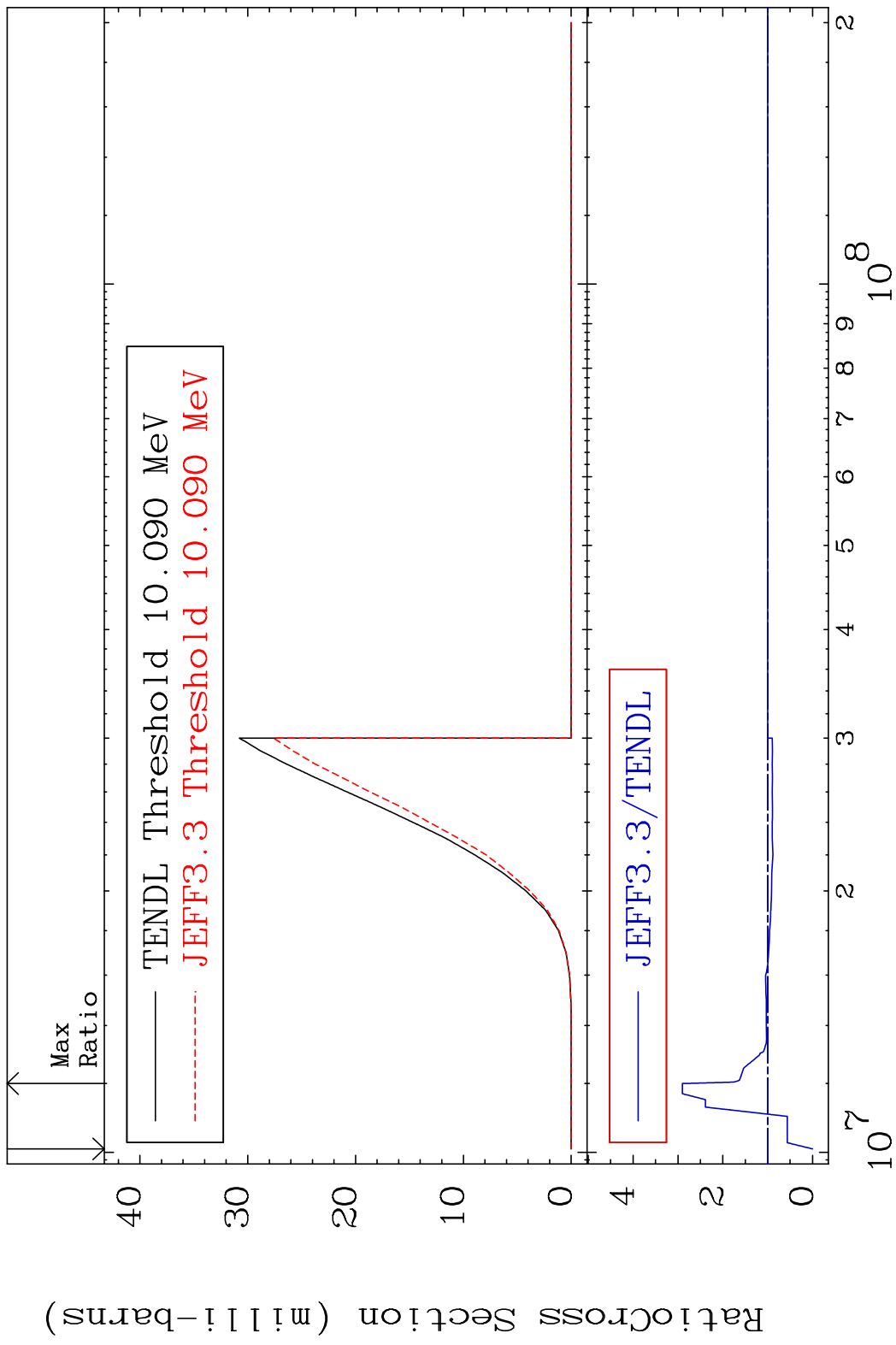
MAT 5255 (n,2n):52-Te-129m1 52-Te-130
 Radionuclide Production Cross Section 180.01 dth 32.79 %

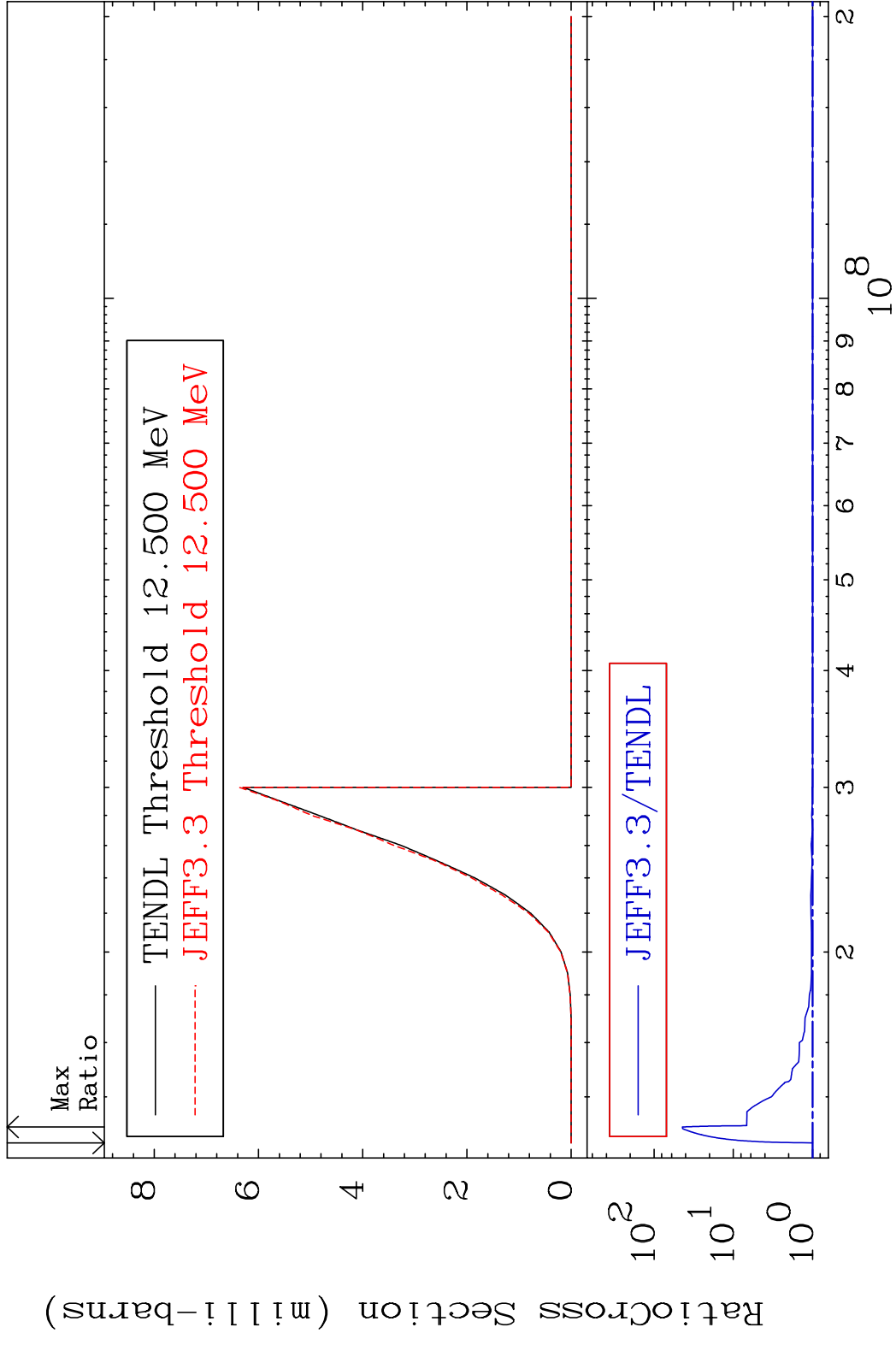


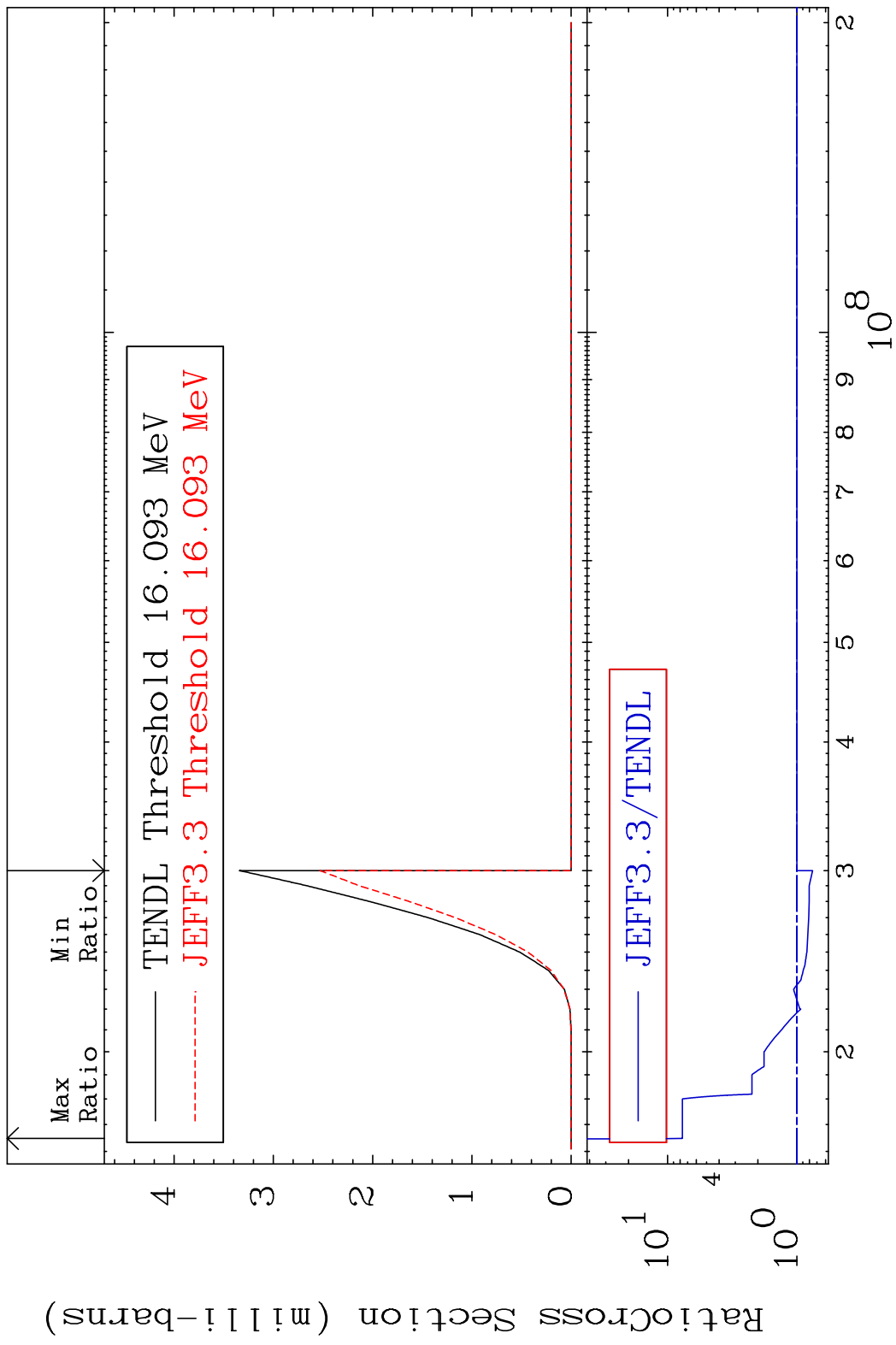




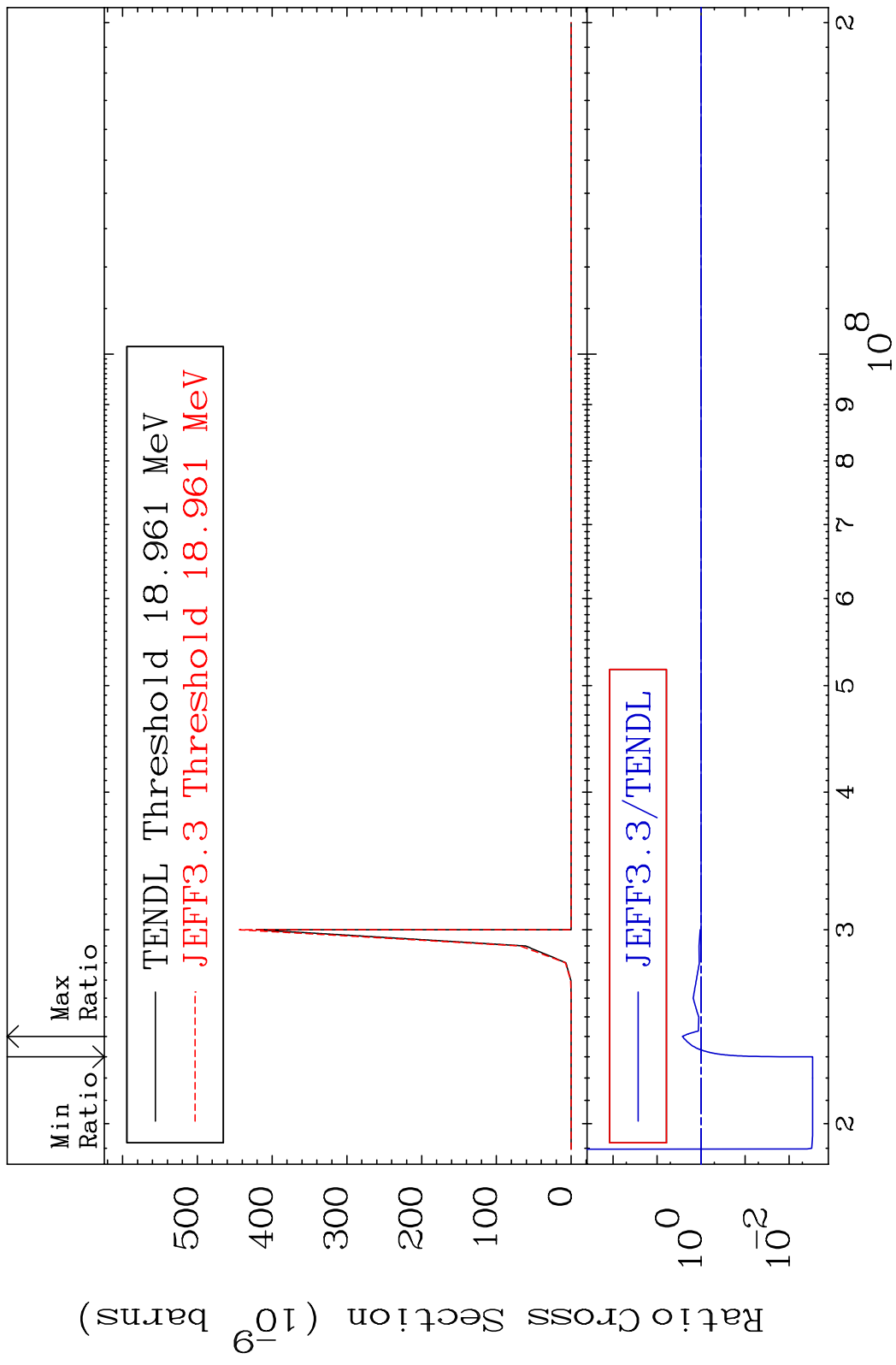
MAT 5255 (n, n') p:51-Sb-129g 52-Te-130
 Radionuclide Production Cross Section 190.2 %



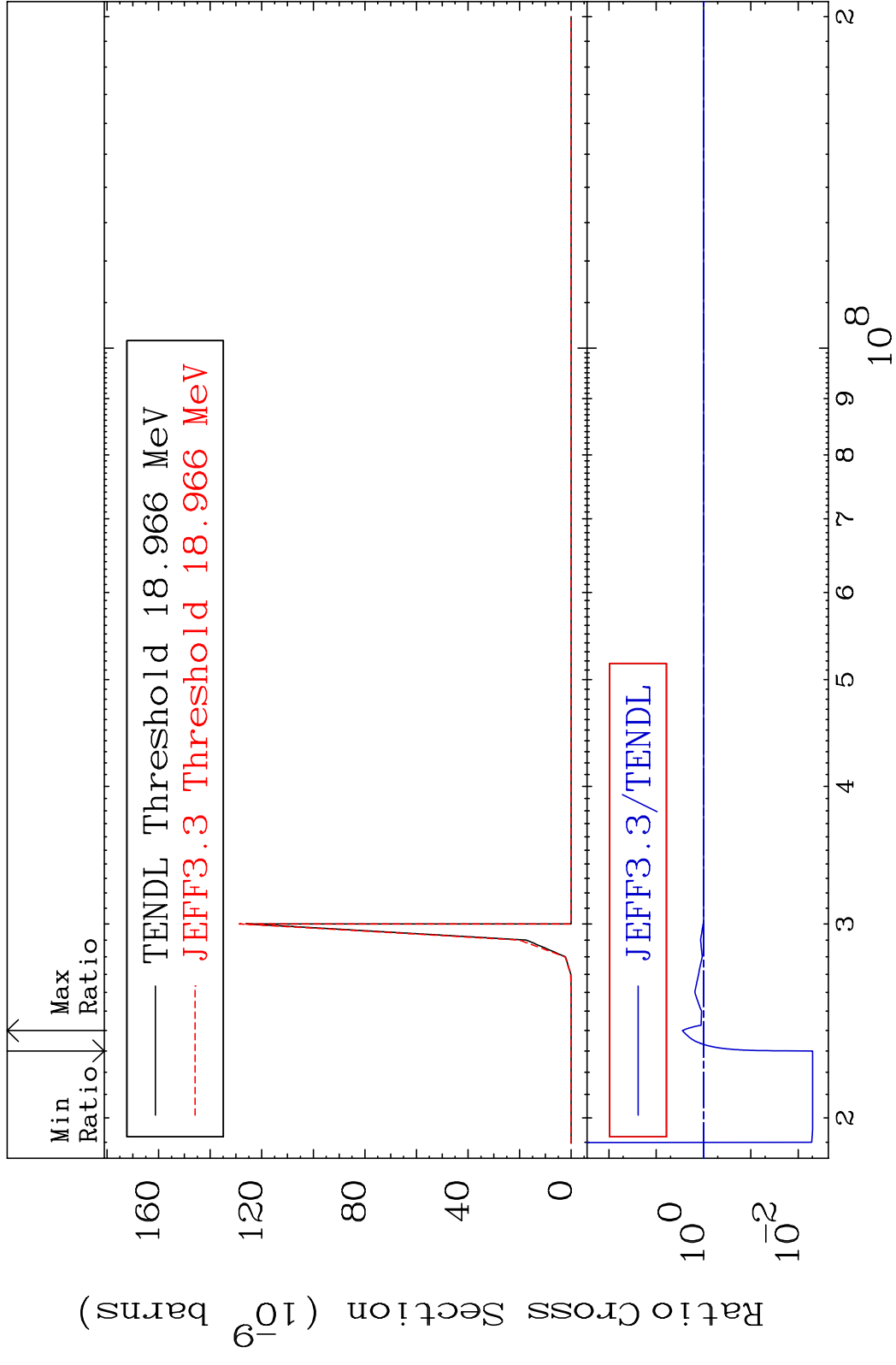




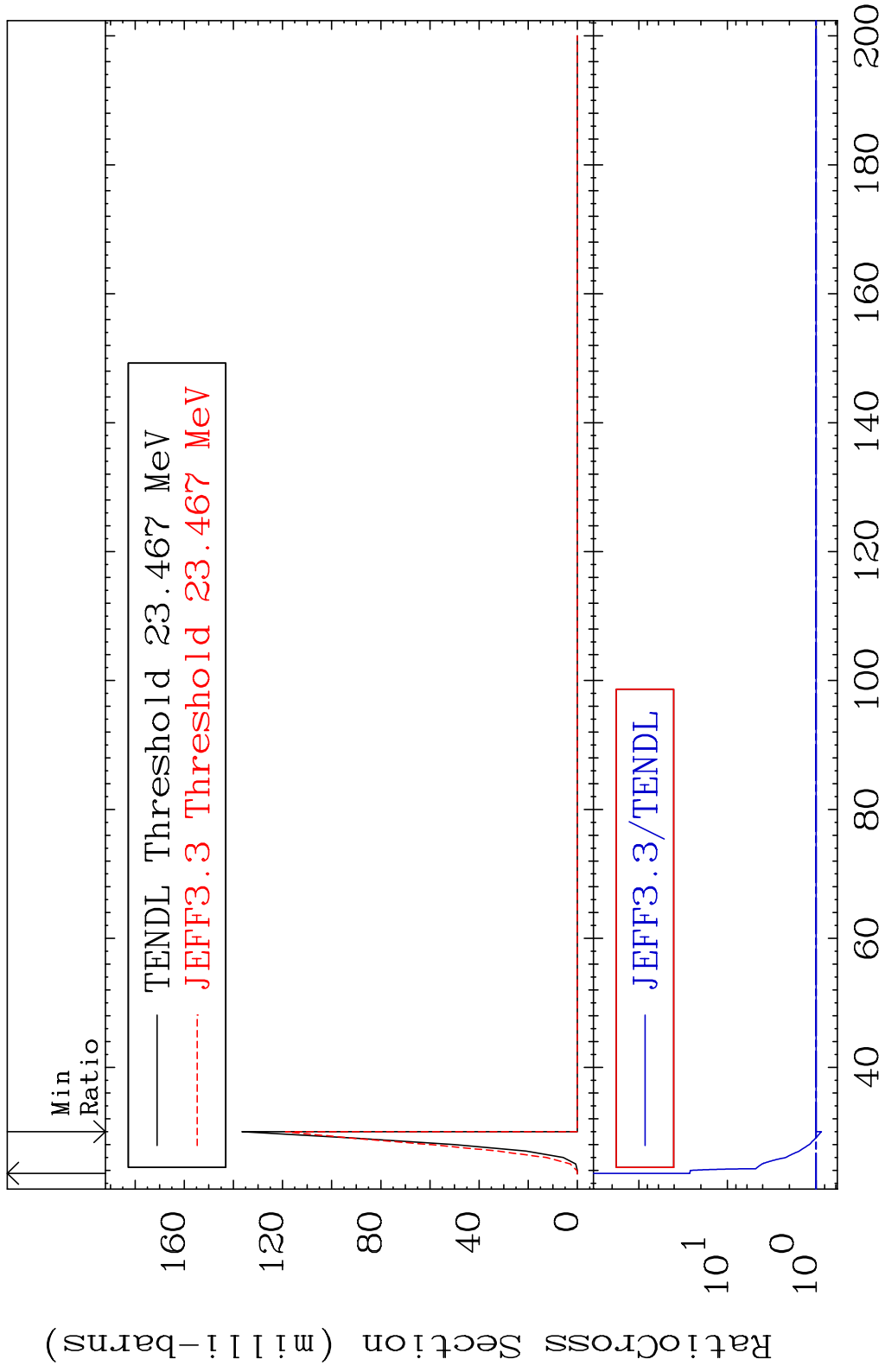
MAT 5255 (n, n') He-3:50-Sn-127g 52-Te-130
 Radionuclide Production Cross Section 98.71 dth 167.1 %



MAT 5255 (n, n') He-3:50-Sn-127m1 52-Te-130
 Radionuclide Production Cross Section 181.1 %

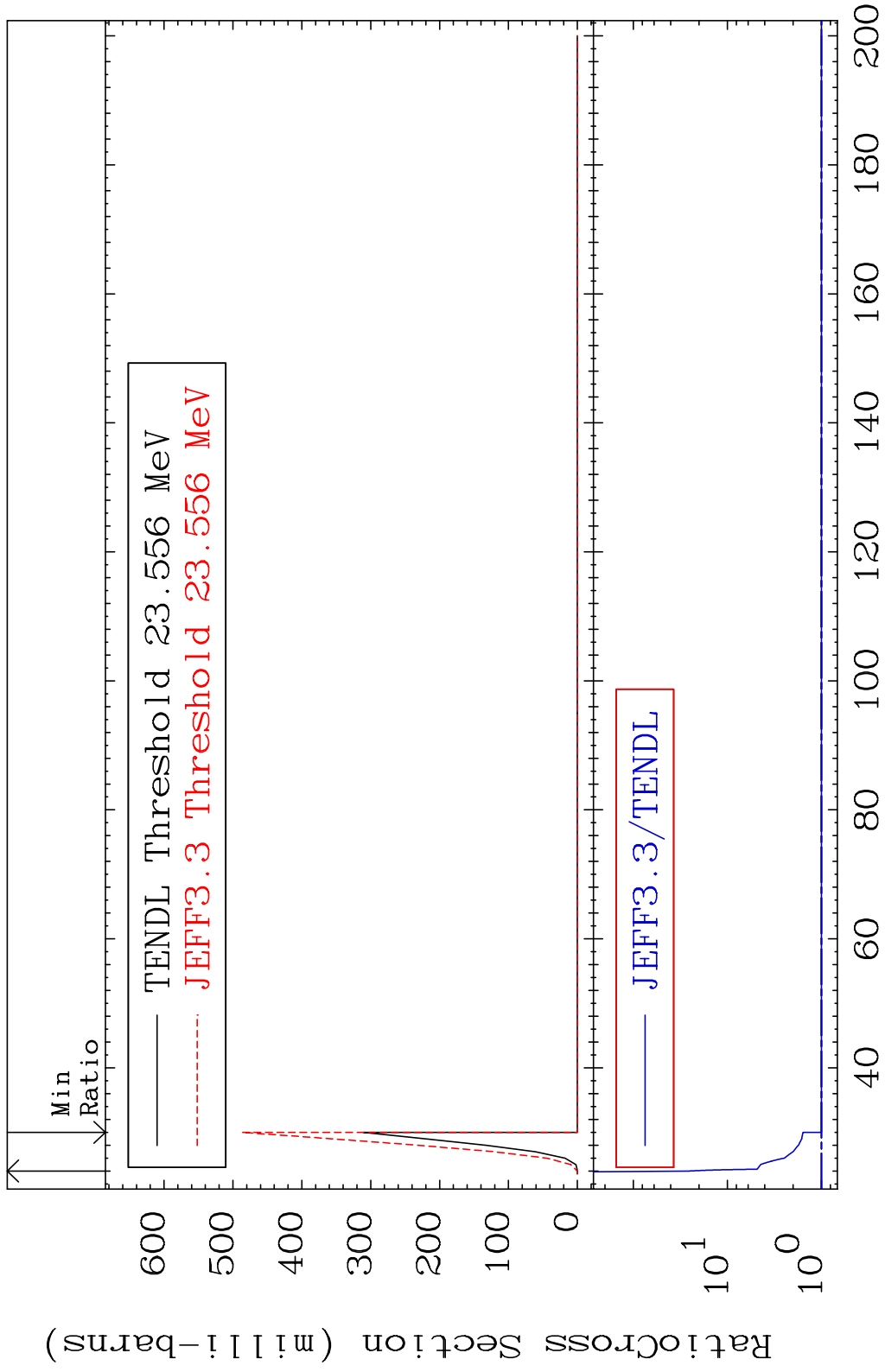


MAT 5255 (n,4n):52-Te-127g 52-Te-130
 Radionuclide Production Cross Section 13602110 2561. %

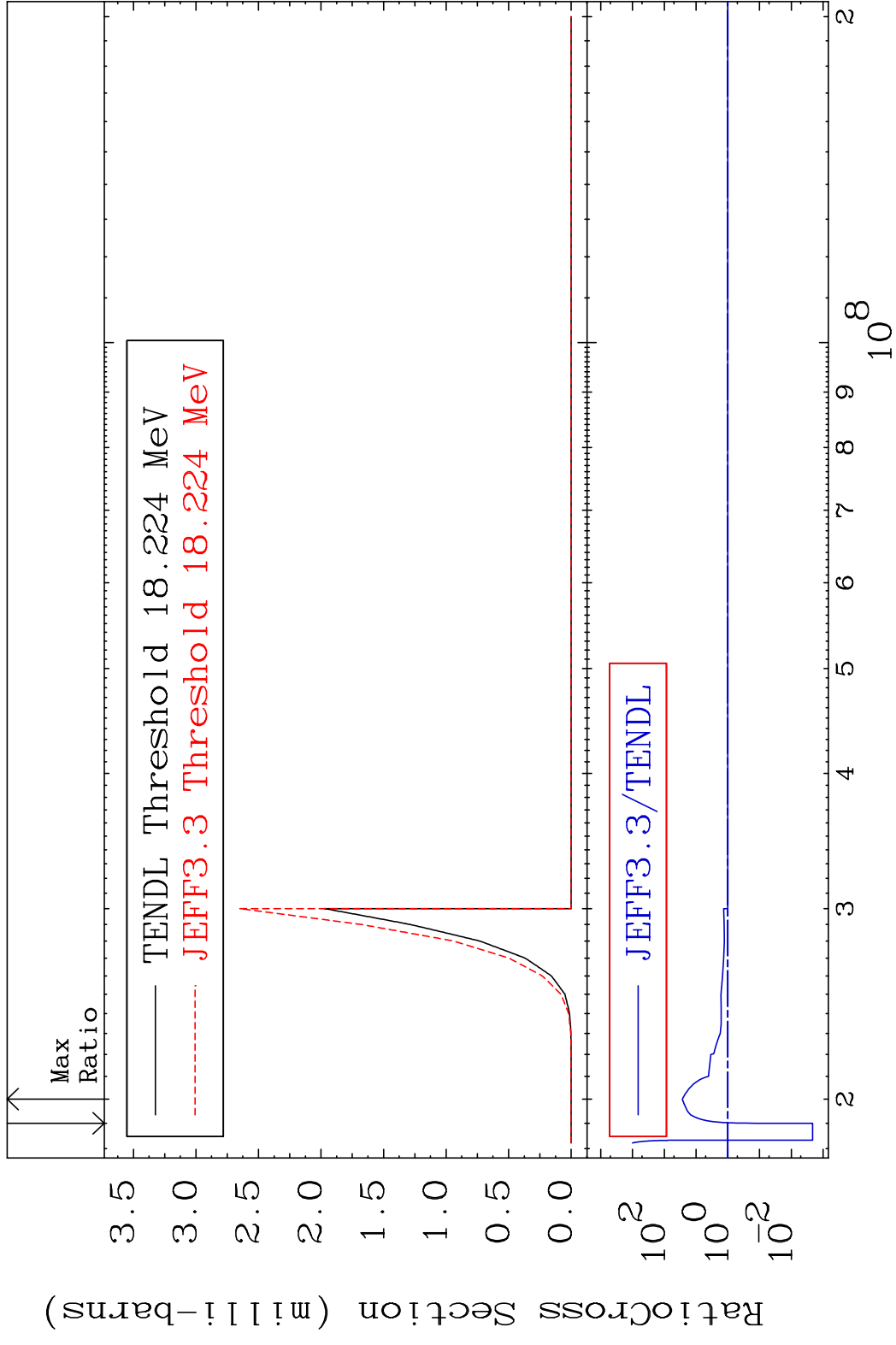


70 Incident Energy (MeV) 52-Te-130

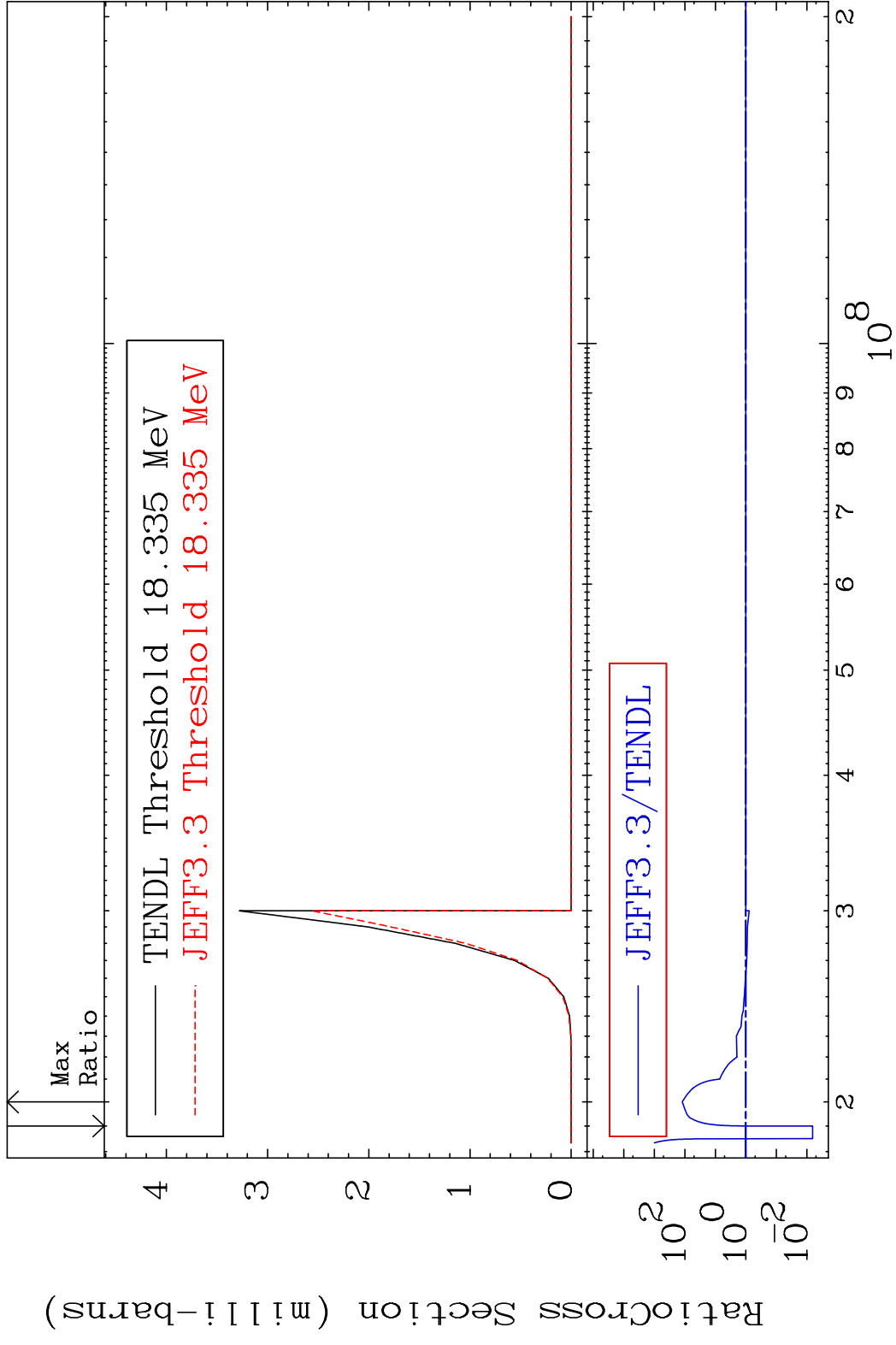
MAT 5255 (n, 4n):52-Te-127m2 52-Te-130
 Radionuclide Production Cross Section 2408. %

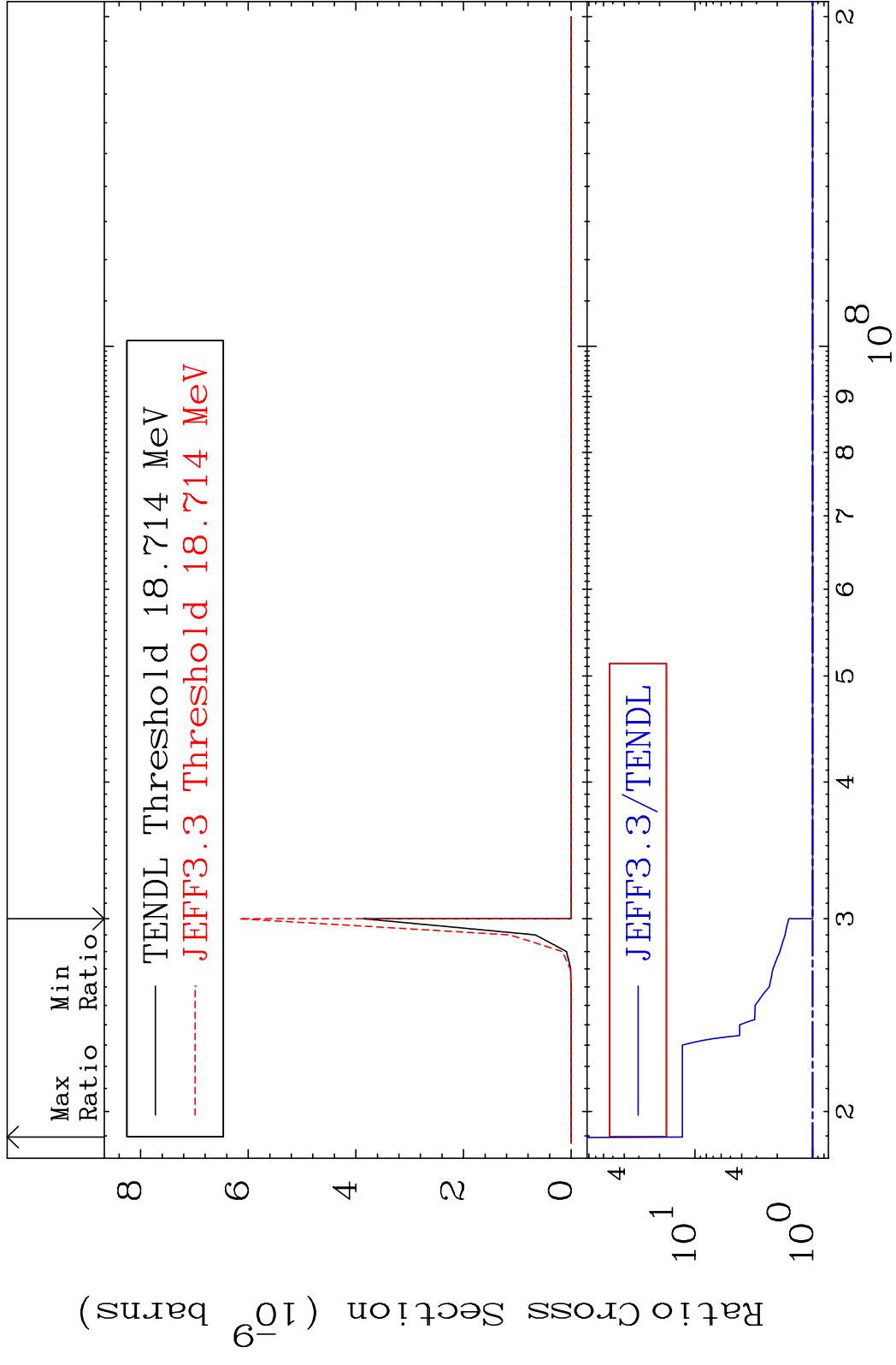


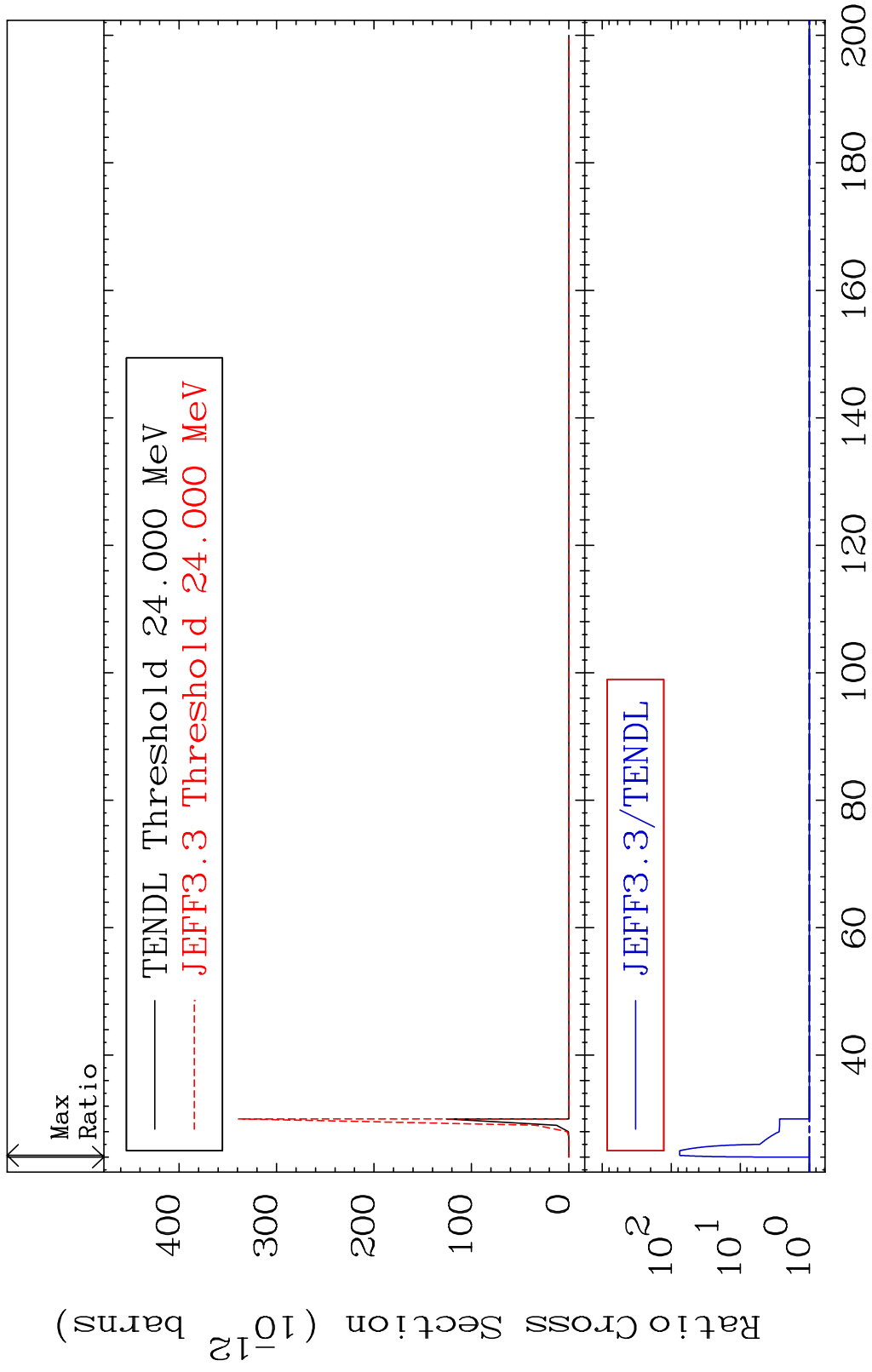
MAT 5255 (n,2n) p:51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section to 2599. %

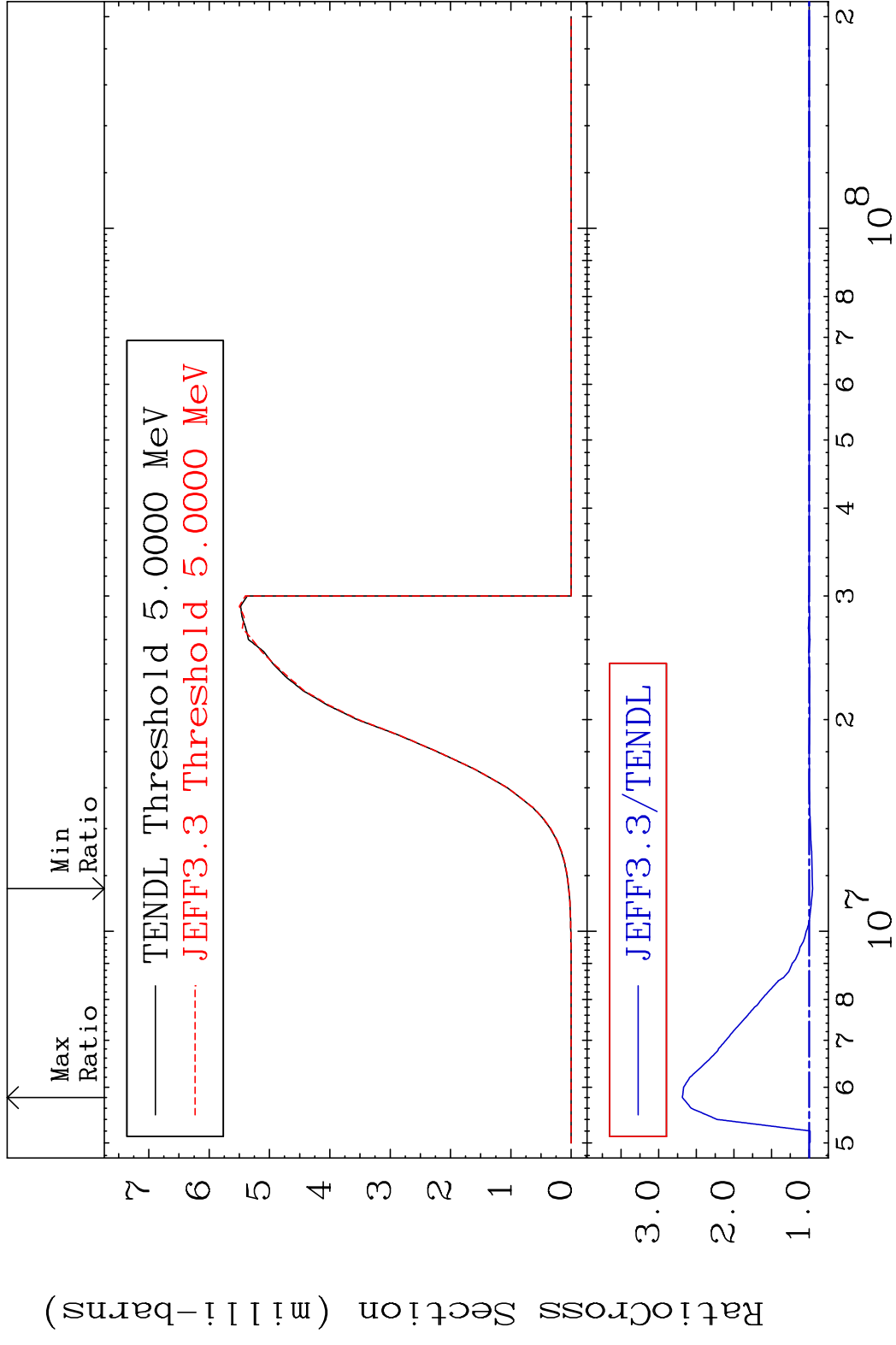


MAT 5255 (n,2n) p:51-Sb-128m1 52-Te-130
 Radionuclide Production Cross Section 98.35 dth 9999. %

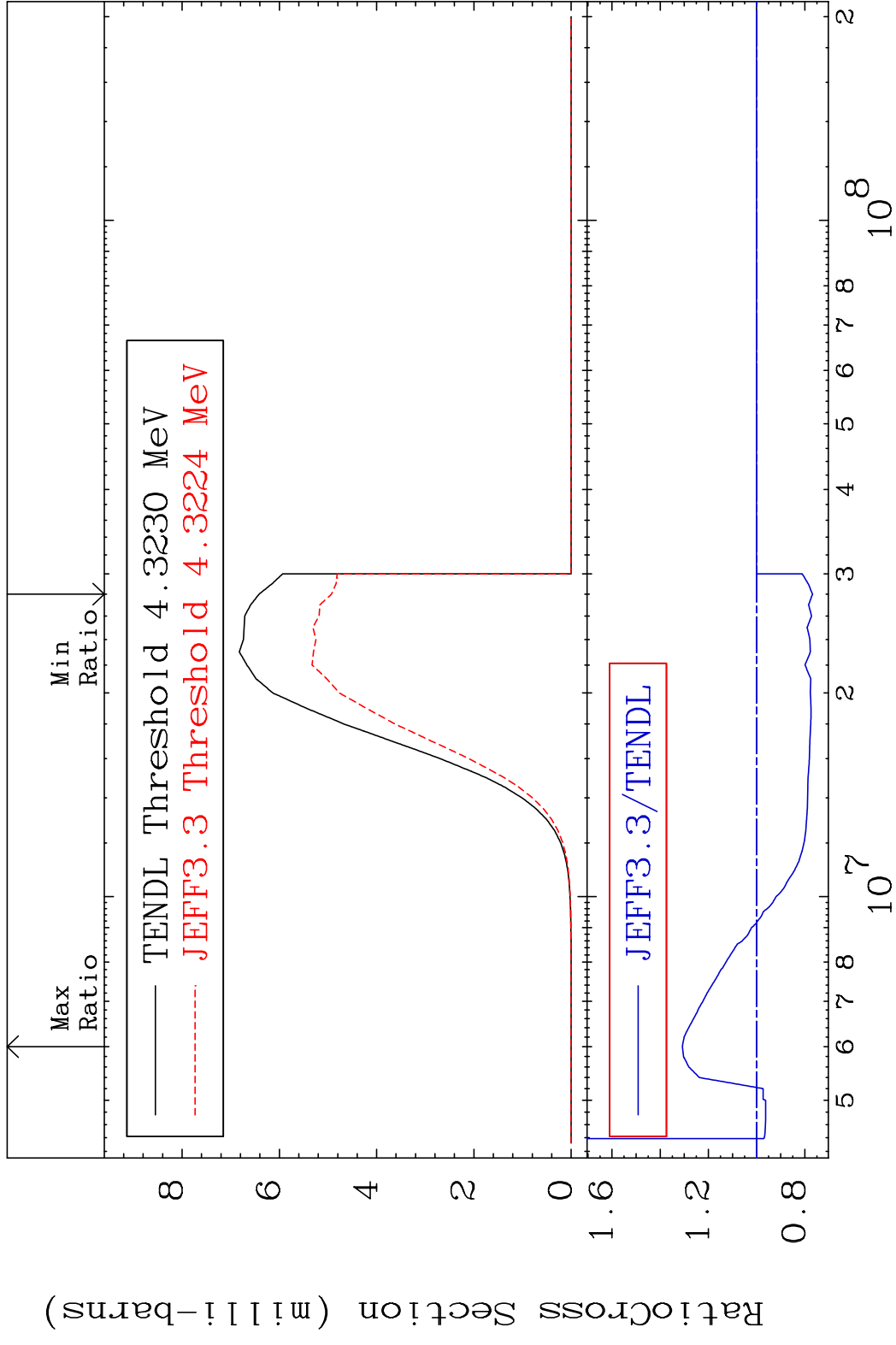




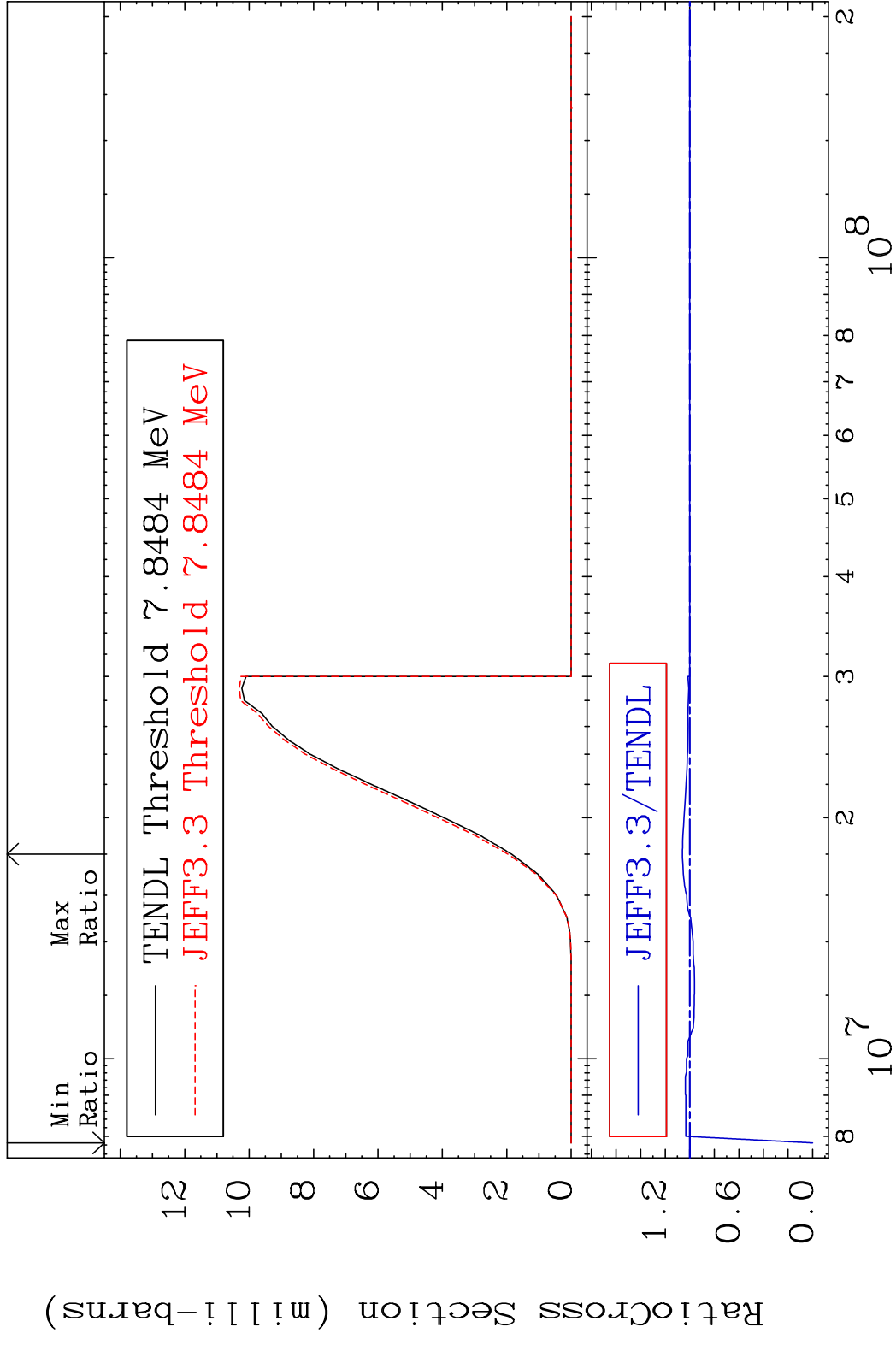




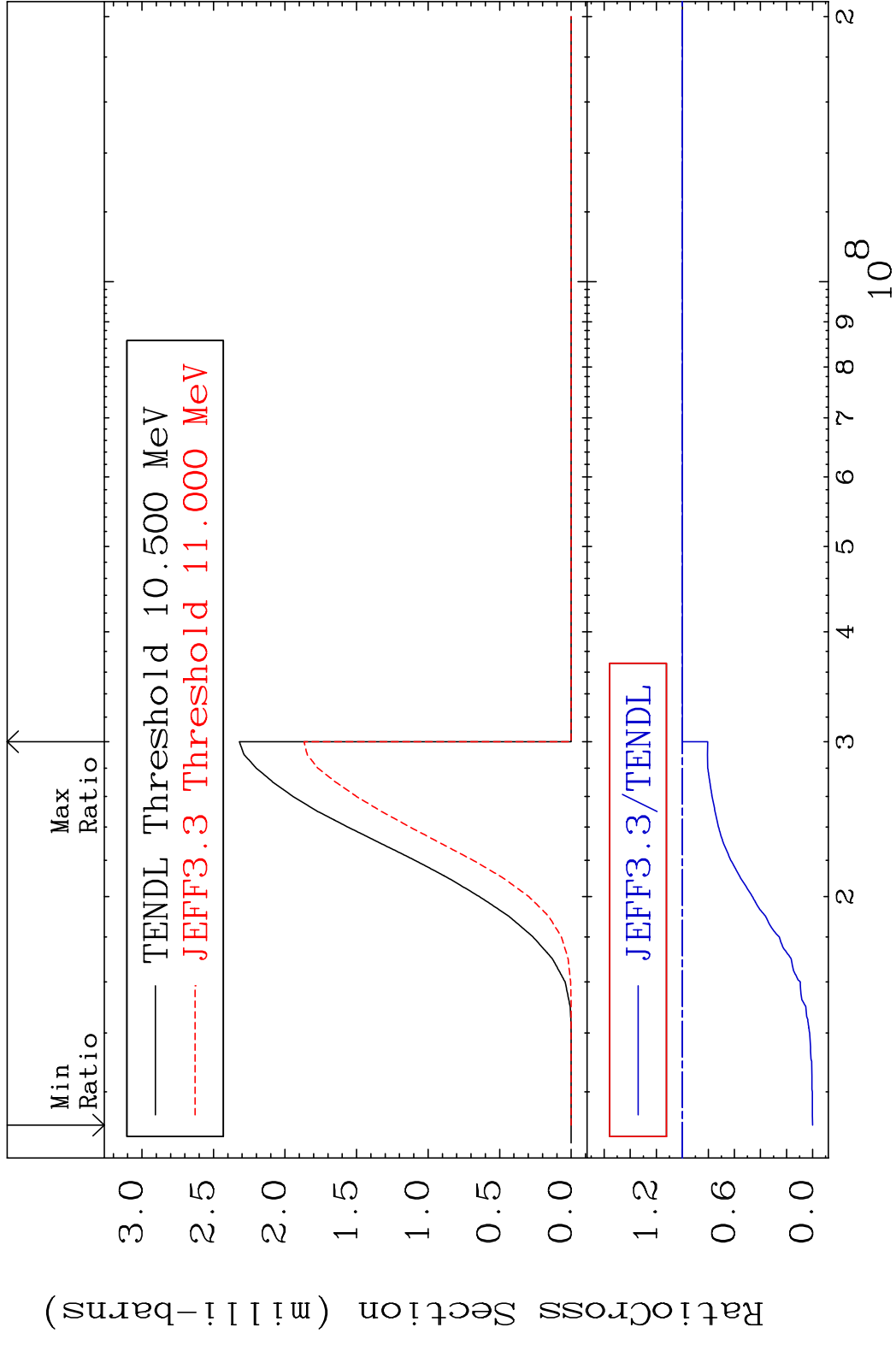
MAT 5255 (n, p):51-Sb-130m1 52-Te-130
 Radionuclide Production Cross Section 30.81 %



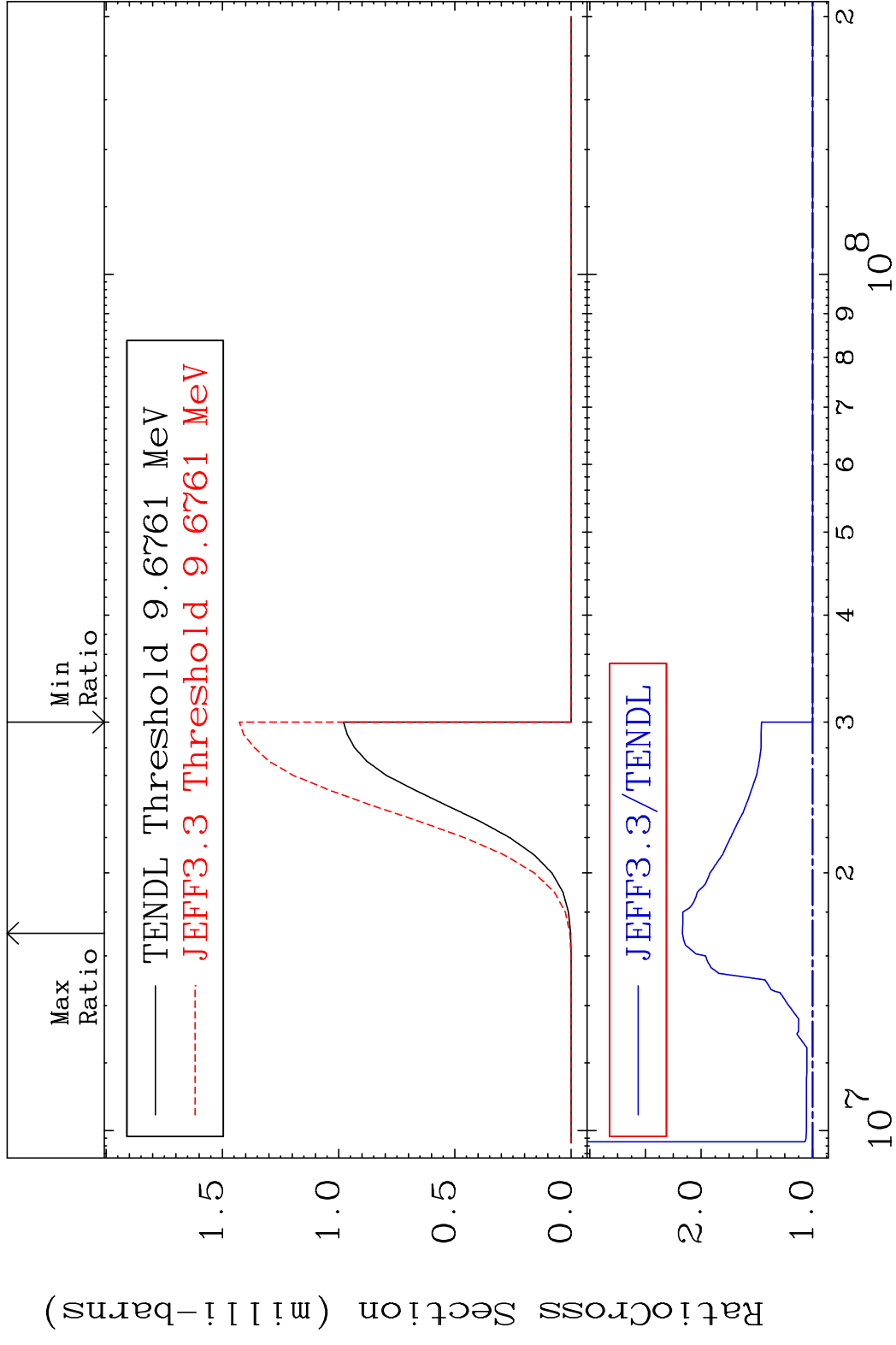
MAT 5255 (n, d):51-Sb-129g 52-Te-130
 Radionuclide Production Cross Section 6.010 %



MAT 5255 (n, d):51-Sb-129m11 52-Te-130
 Radionuclide Production Cross Section 100.000 %
 0.000 %

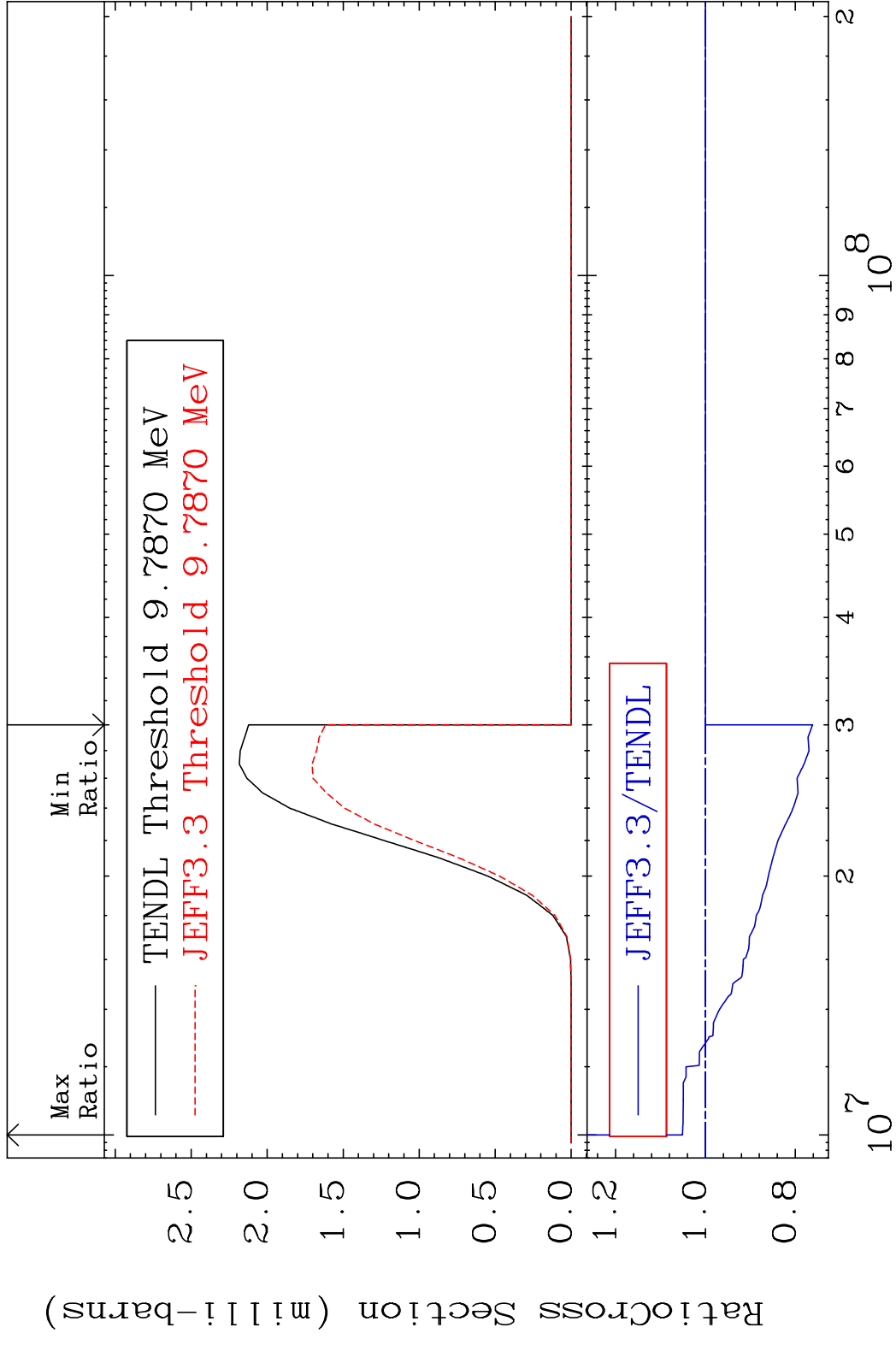


MAT 5255 (n, t):51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section 116.9 %

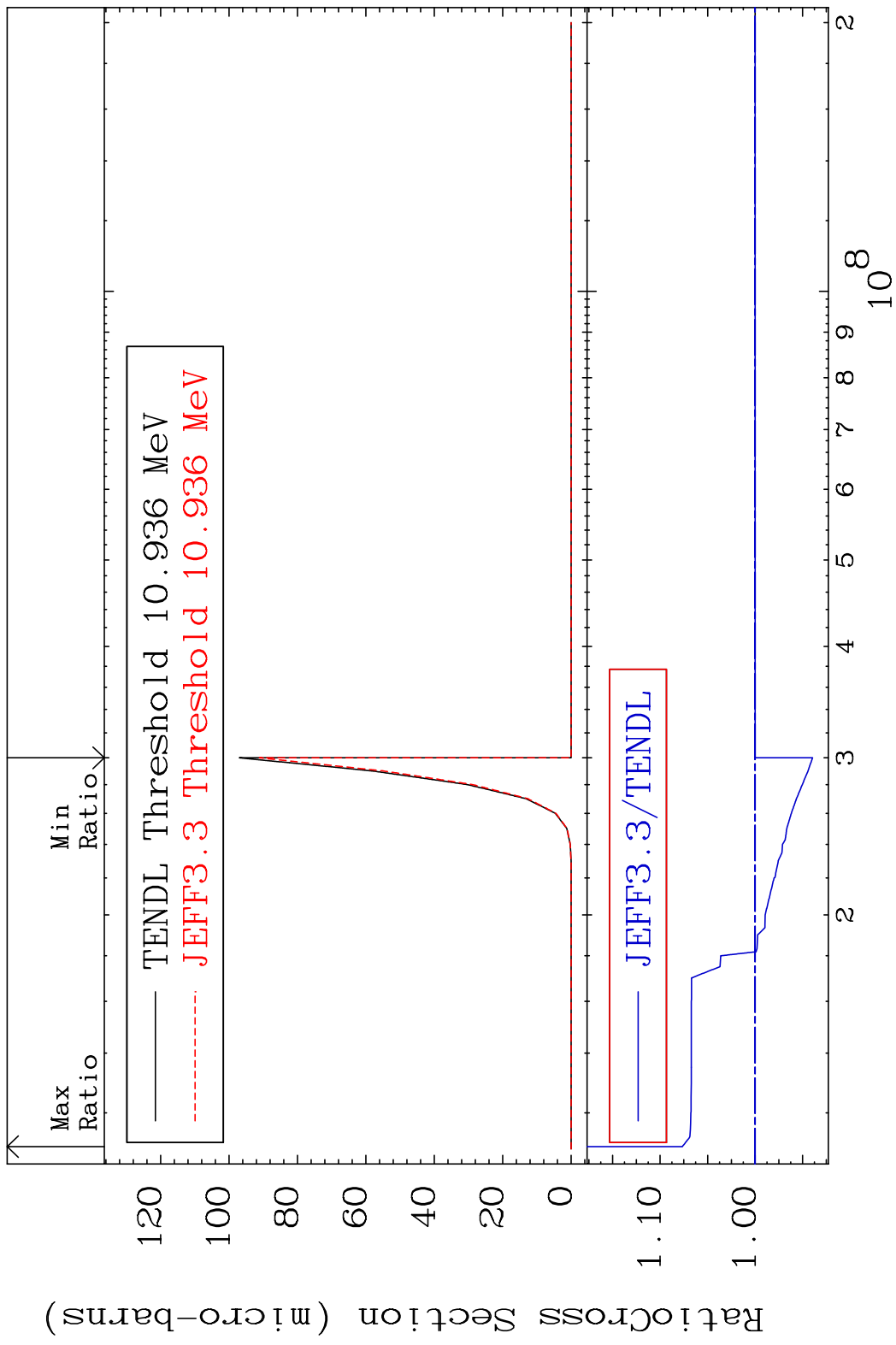


80 10⁷ 10⁸ 2 52-Te-130

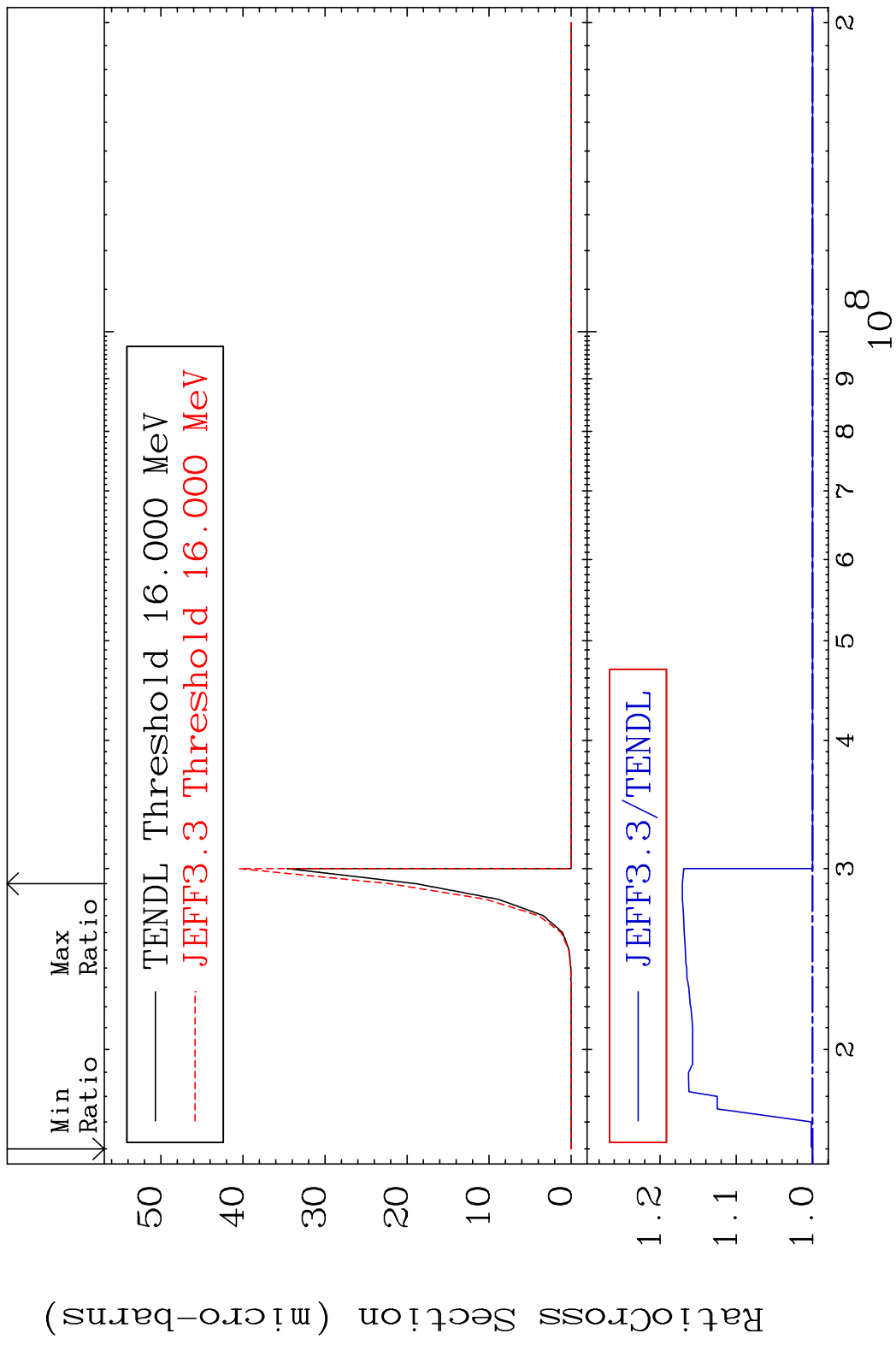
MAT 5255 (n, t):51-Sb-128m1 52-Te-130
 Radionuclide Production Cross Section 5.135 %

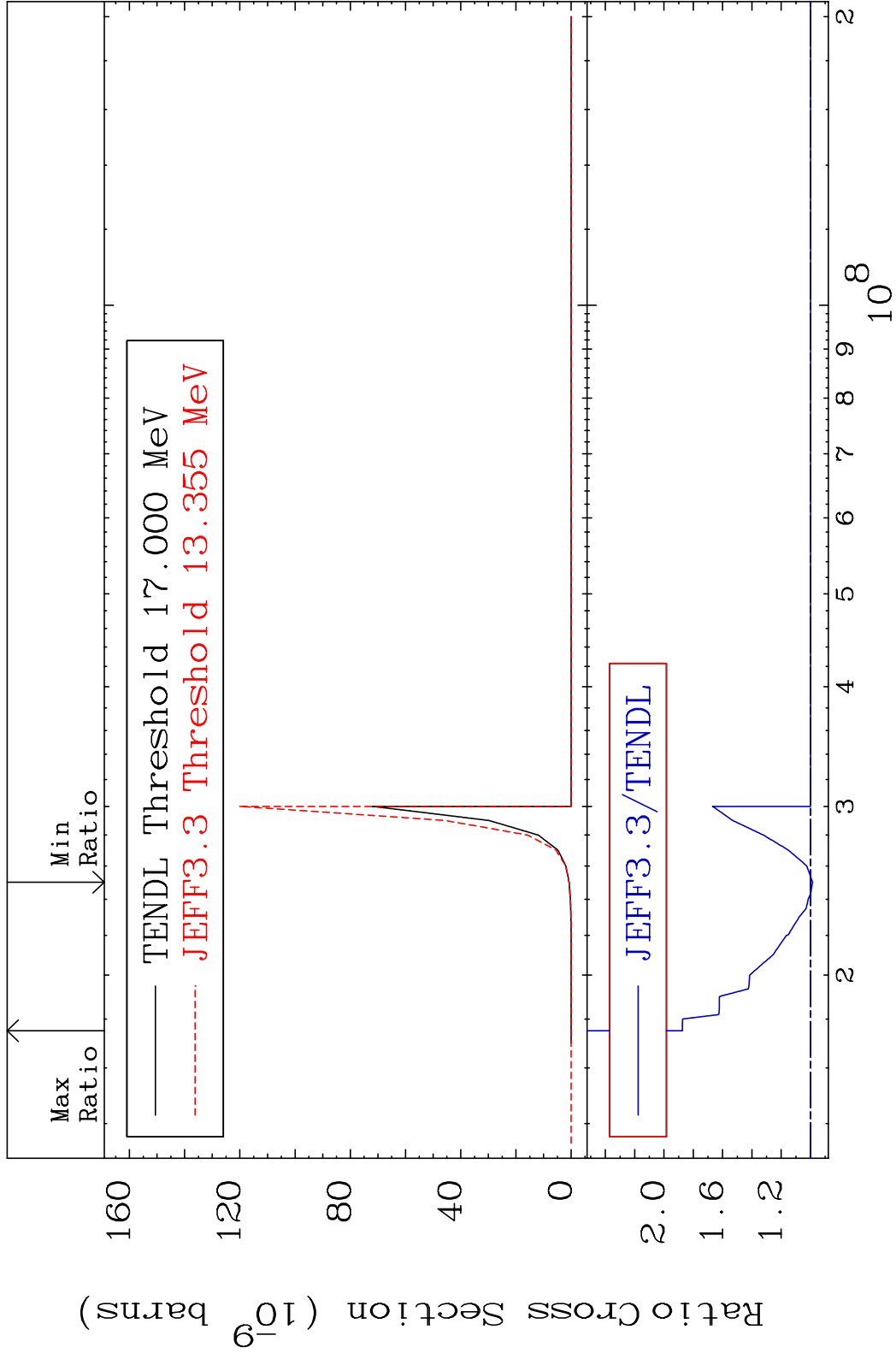


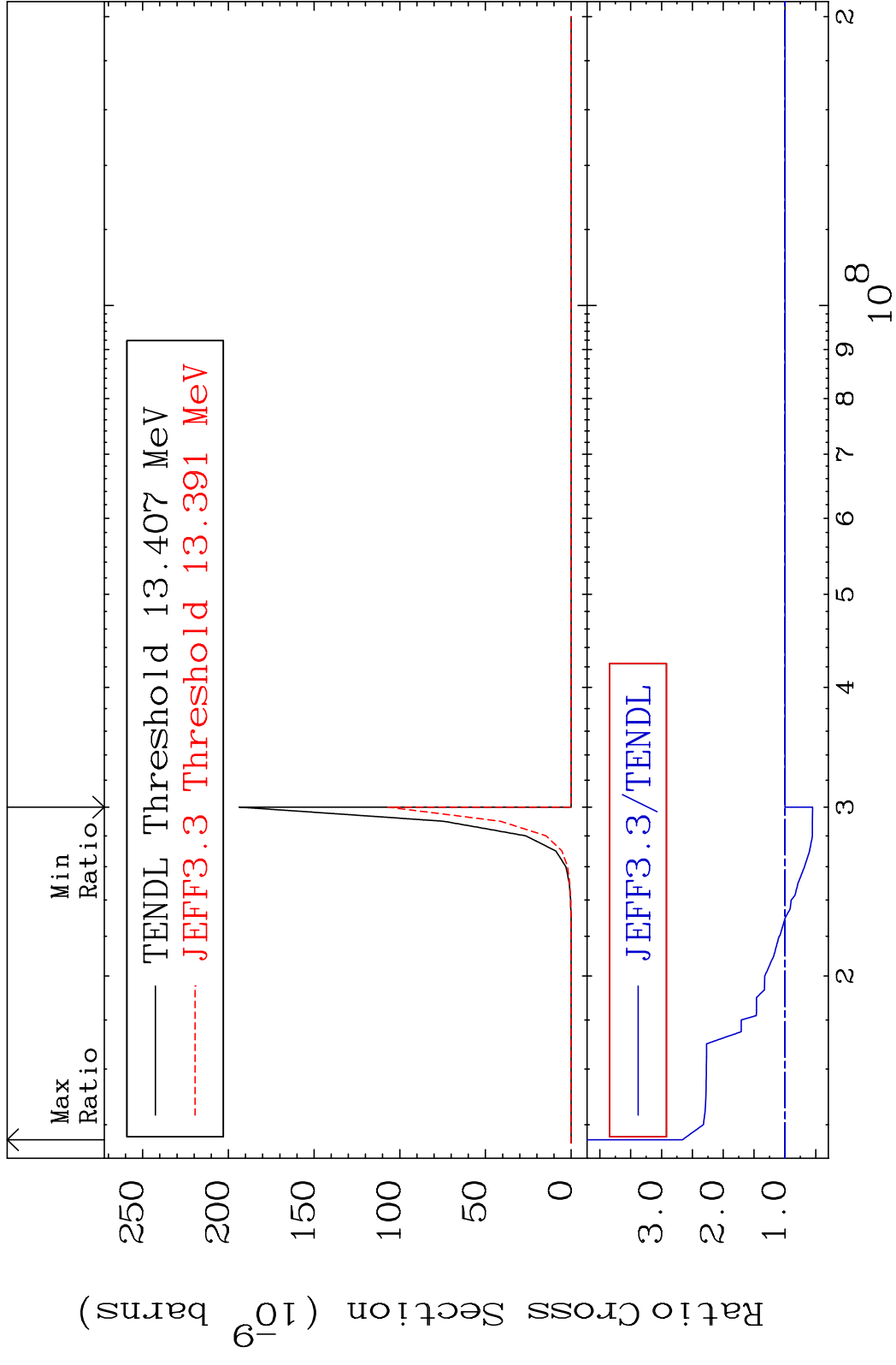
81 Incident Energy (eV) 52-Te-130

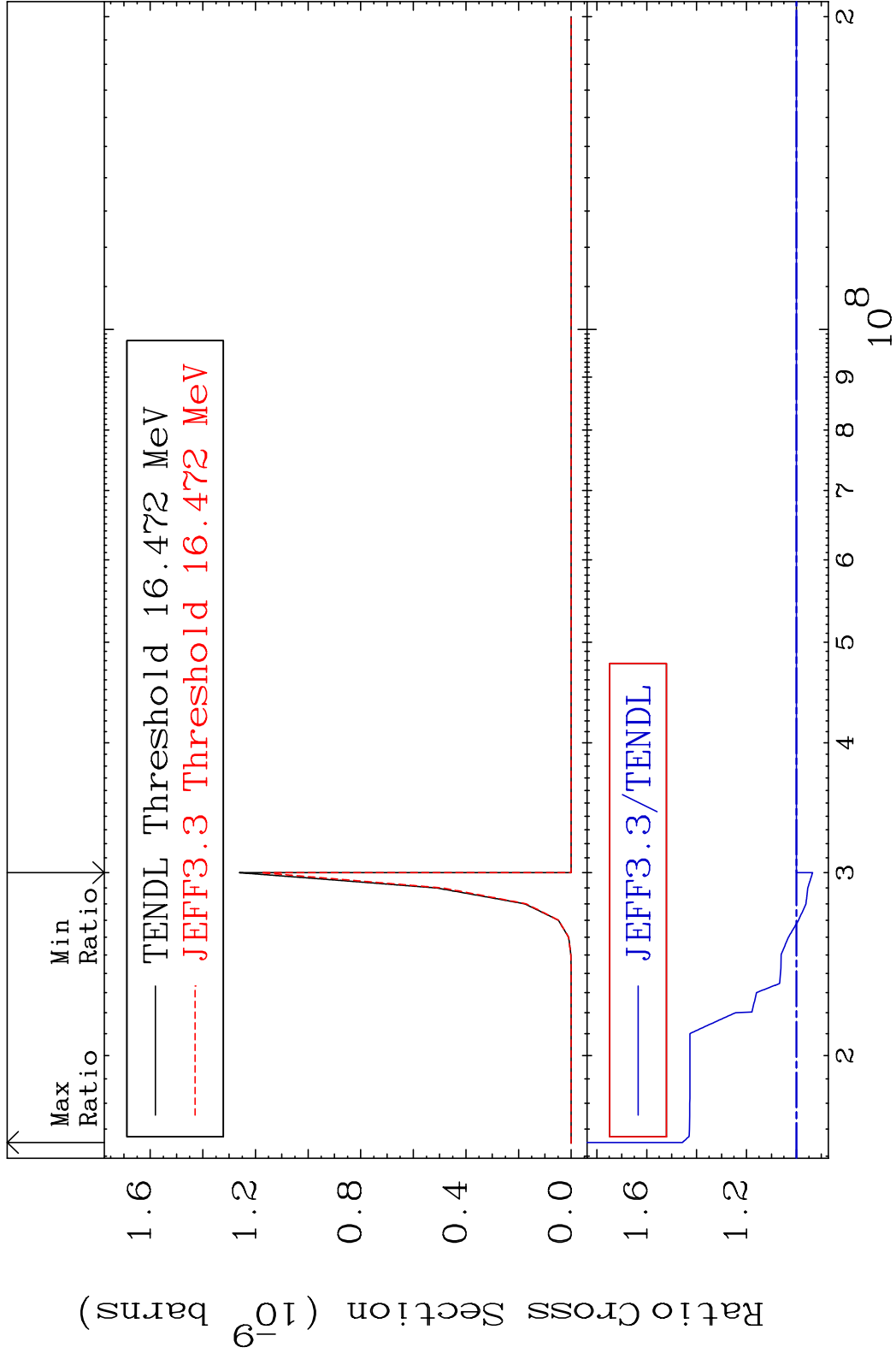


MAT 5255 (n, He-3) : 50-Sn-128m3 52-Te-130
 Radionuclide Production Cross Section 17.07 %









MAT 5255 (n,p) d:50-Sn-128m3 52-Te-130
 Radionuclide Production Cross Section 53.80 %

