

Program Complot
(Version 2021-1)

by

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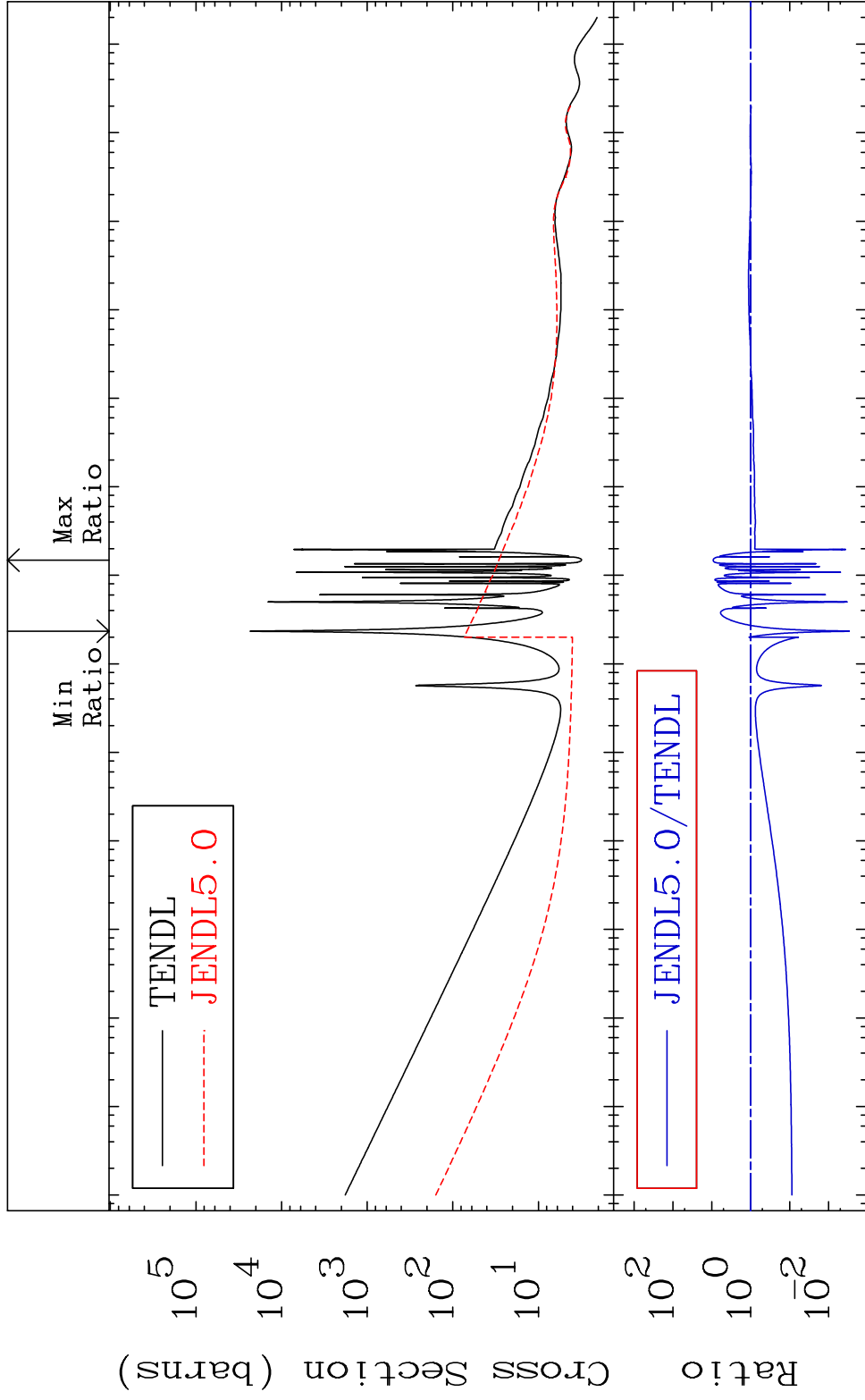
Press Mouse Button to Start

MAT 5247

Total

52-Te-127m

Cross Section -99.71 To 822.9 %



1

Incident Energy (eV)

52-Te-127m

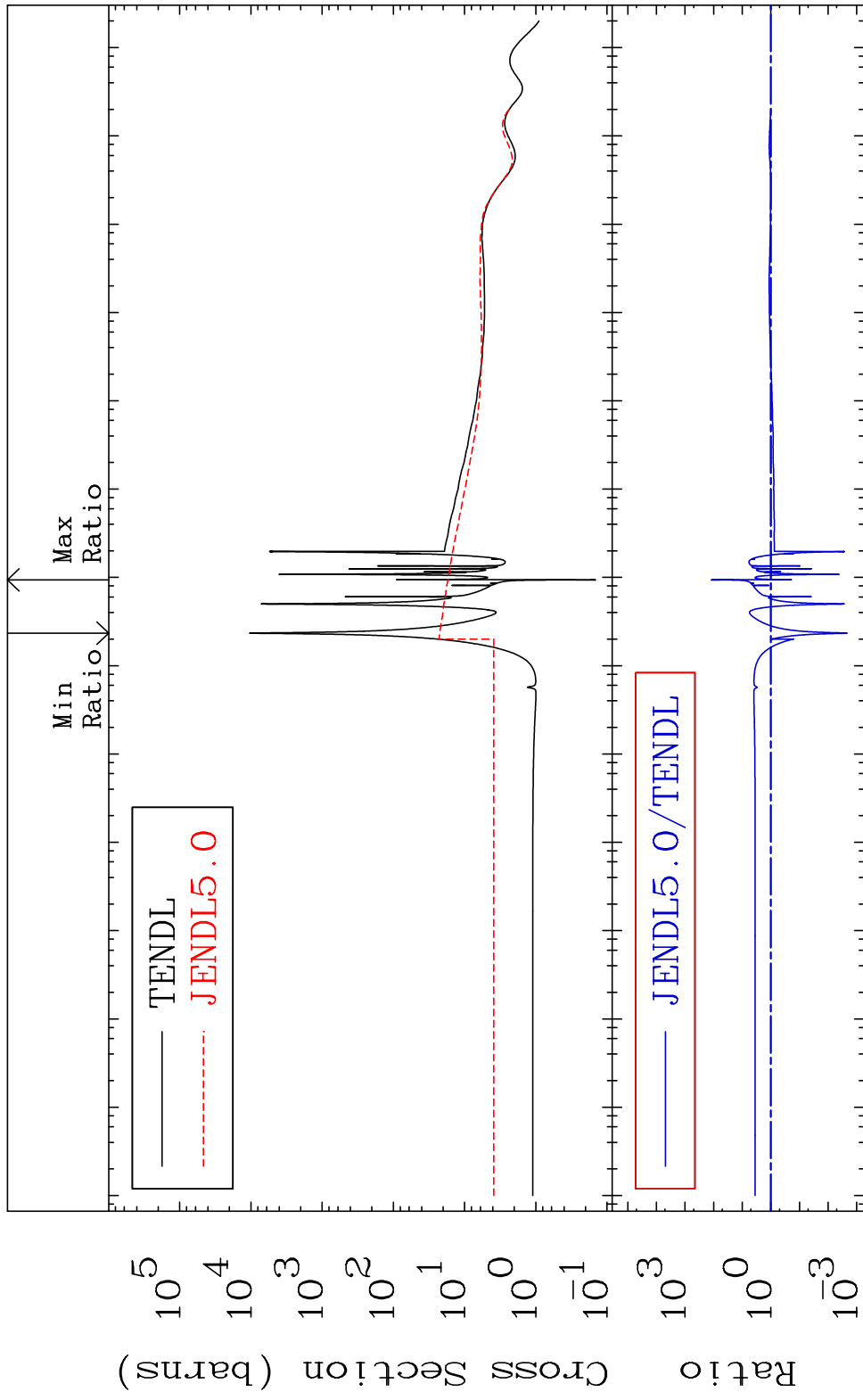
MAT 5247

Elastic

52-Te-127m

Cross Section

-99.79 To 9999. %



2

Incident Energy (eV)

52-Te-127m

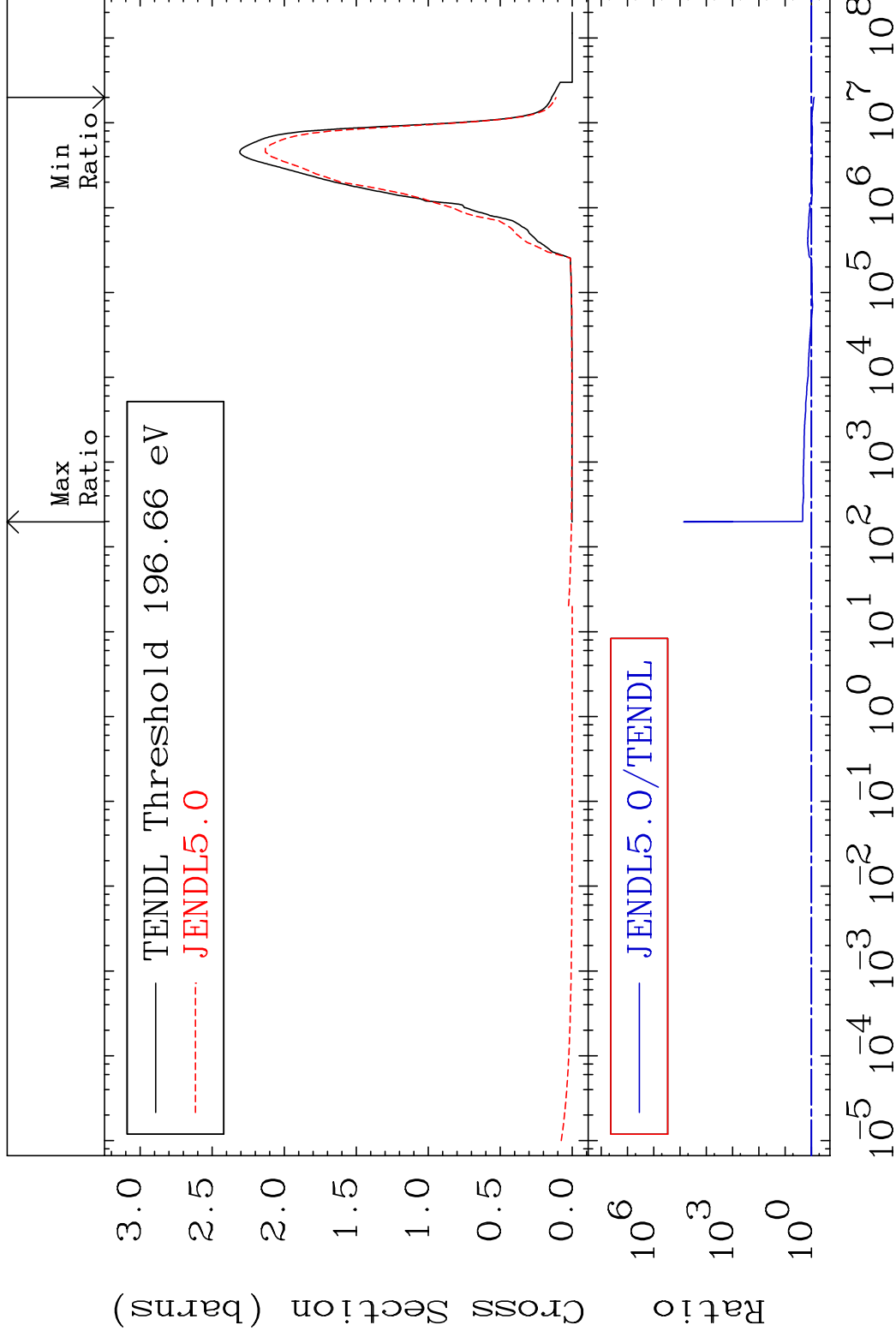
MAT 5247

Inelastic

52-Te-127m

Cross Section

-21.77 To 9999. %



3

Incident Energy (eV)

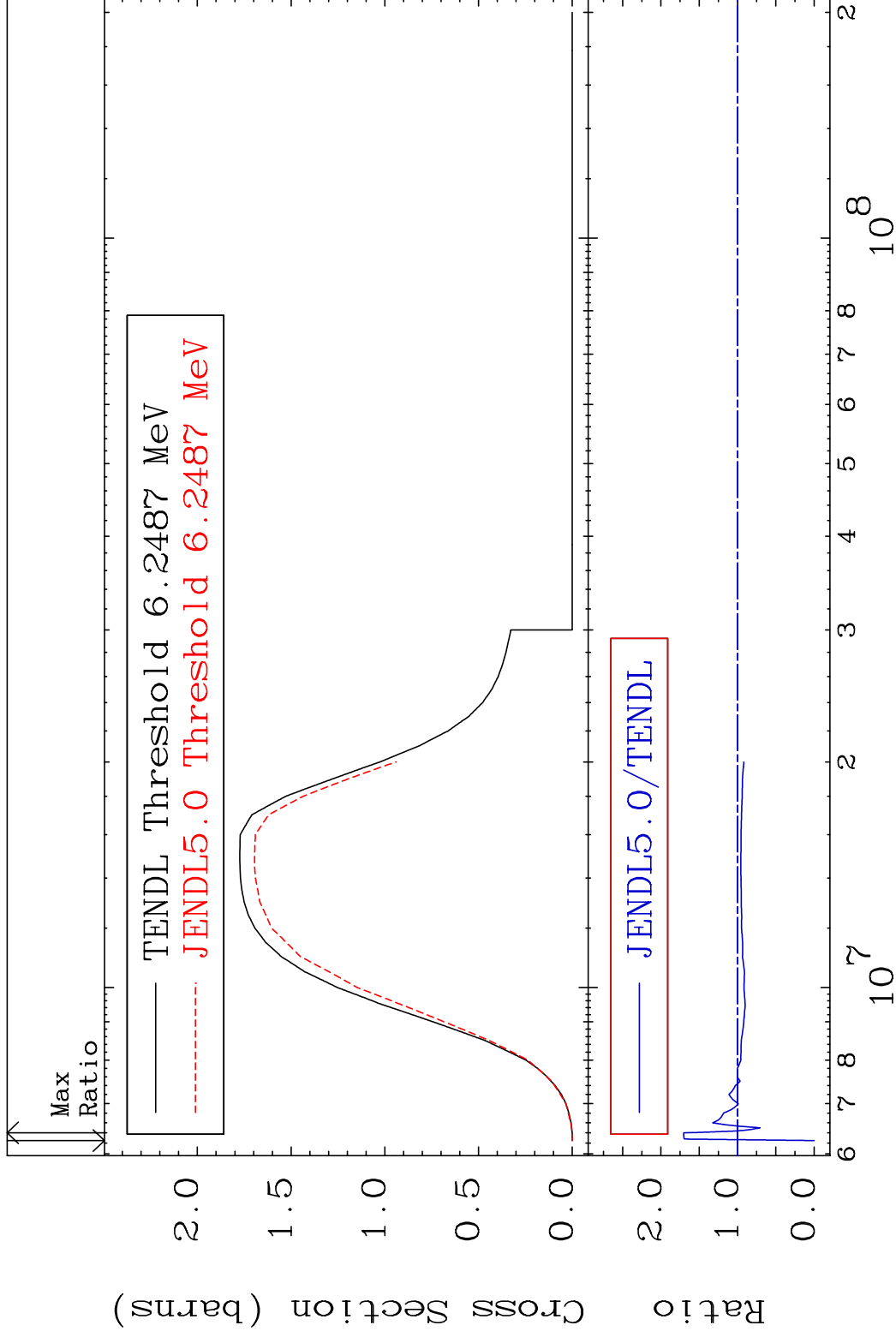
52-Te-127m

MAT 5247

(n,2n)

52-Te-127m

Cross Section -100.0 To 70.31 %



4

Incident Energy (eV)

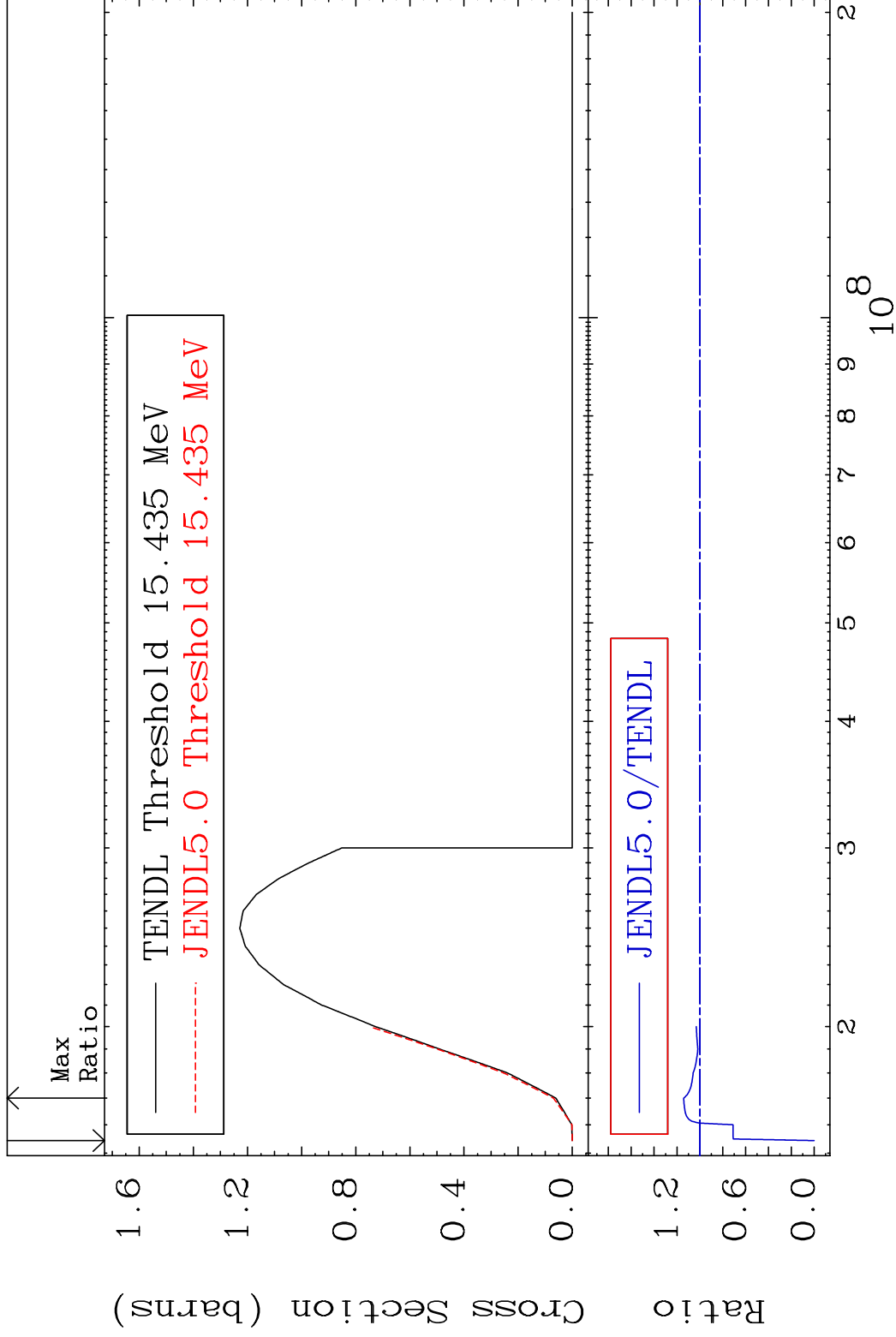
52-Te-127m

MAT 5247

(n,3n)

52-Te-127m

Cross Section -100.0 To 14.14 %



5

Incident Energy (eV)

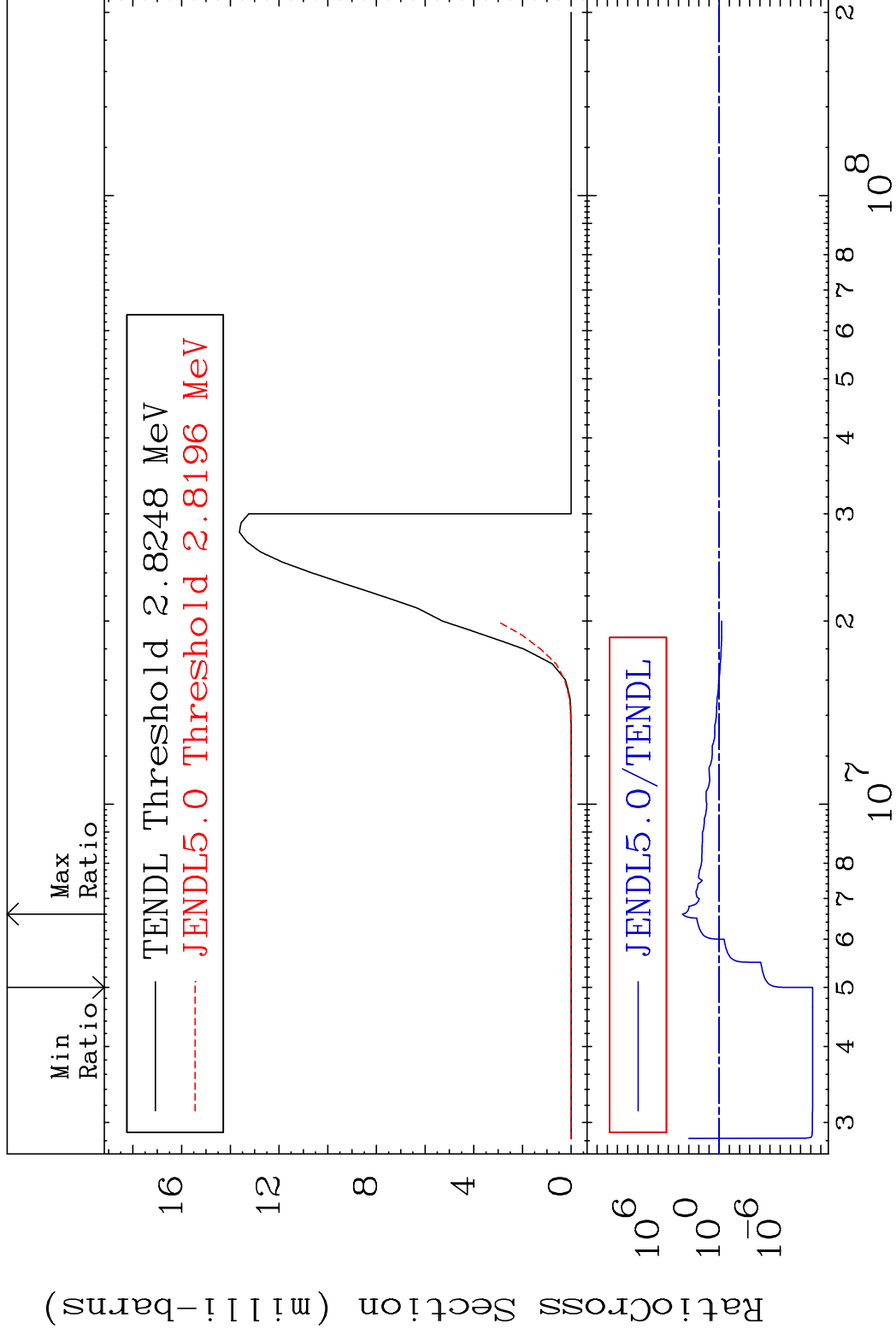
52-Te-127m

MAT 5247

(n, n') α

52-Te-127m

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

52-Te-127m

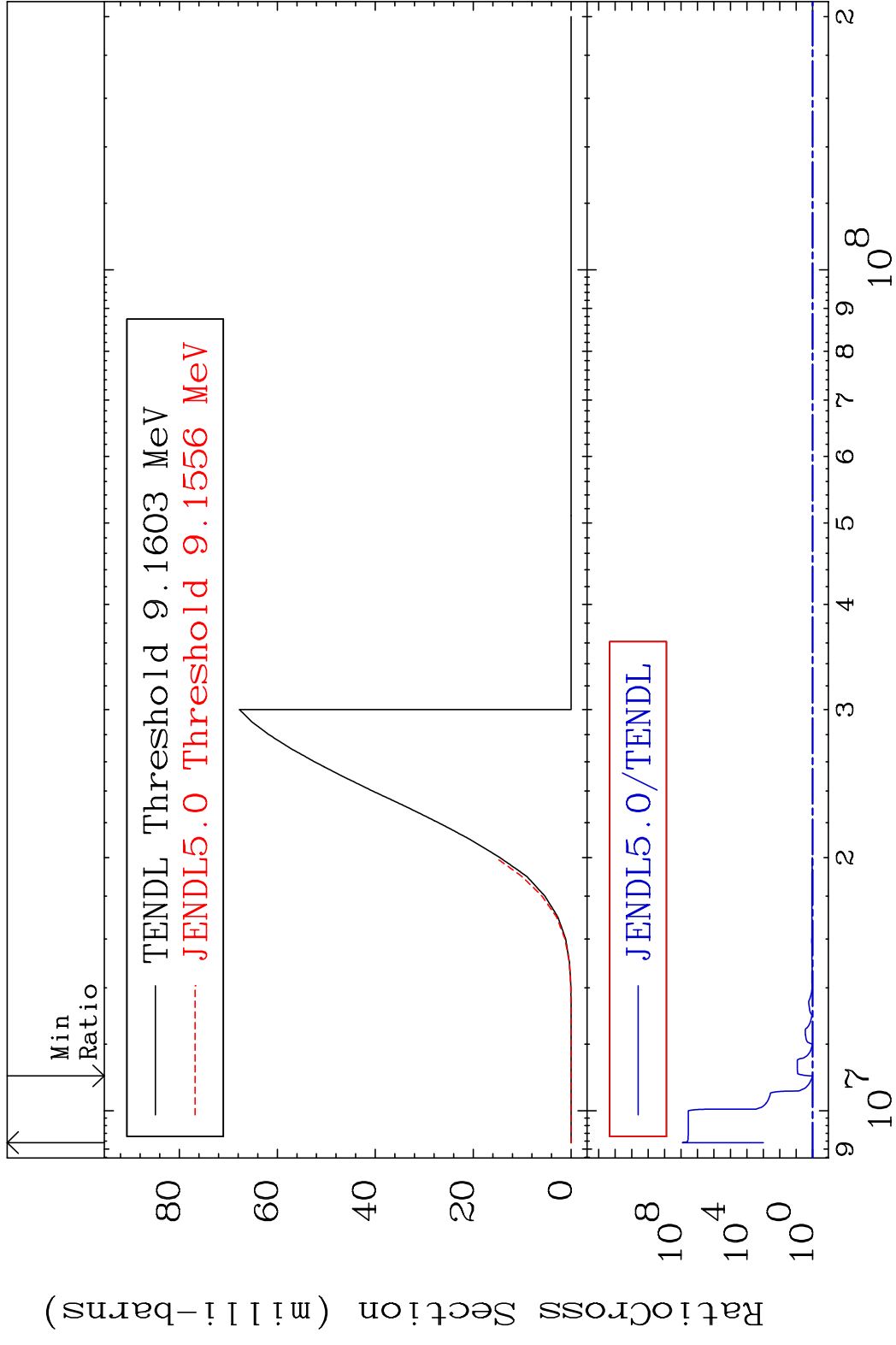
MAT 5247

(n, n') p

52-Te-127m

Cross Section 1.758

To 9999. %



7

Incident Energy (eV)

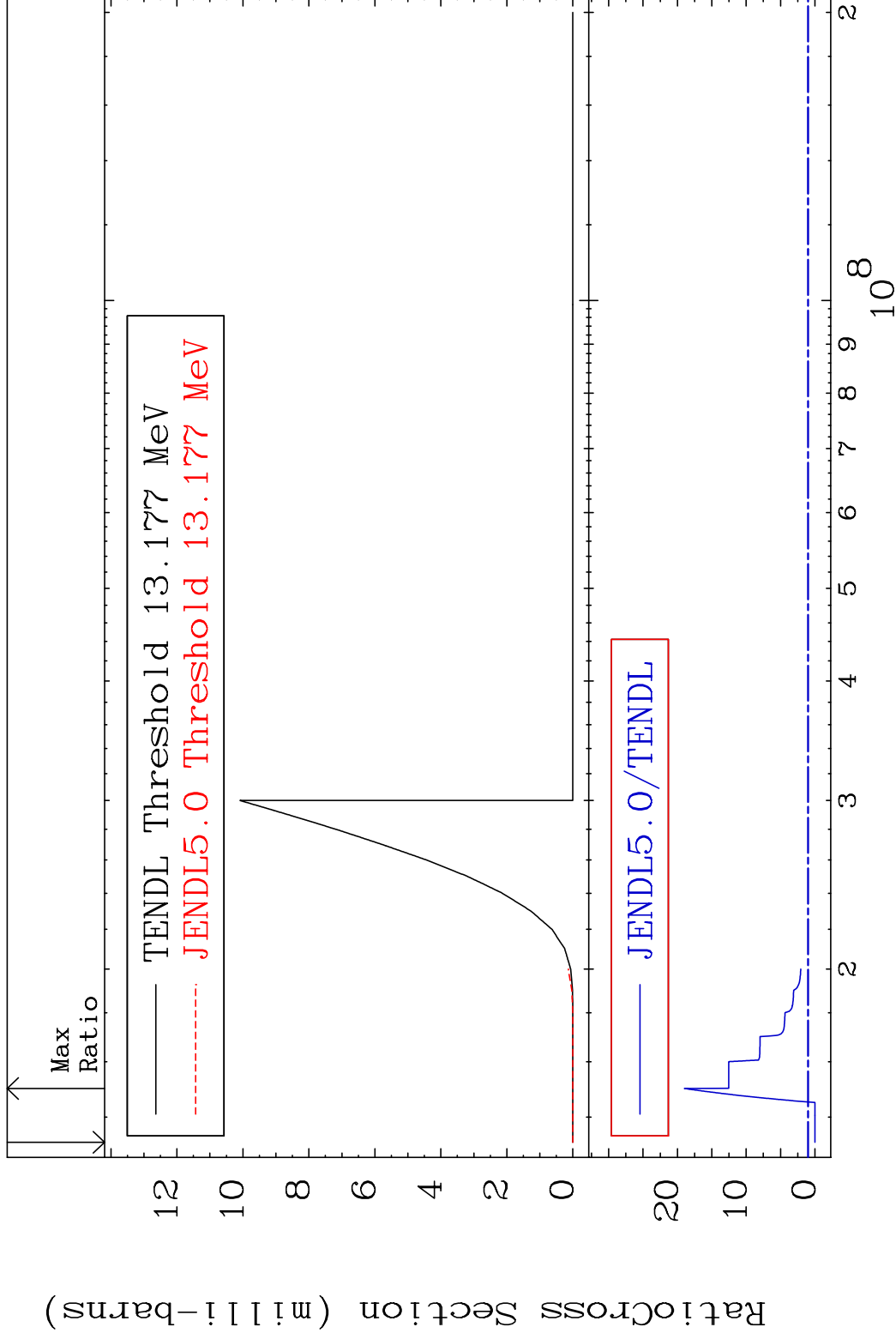
52-Te-127m

MAT 5247

(n, n') d

52-Te-127m

Cross Section -100.0 To 1800. %



8

Incident Energy (eV)

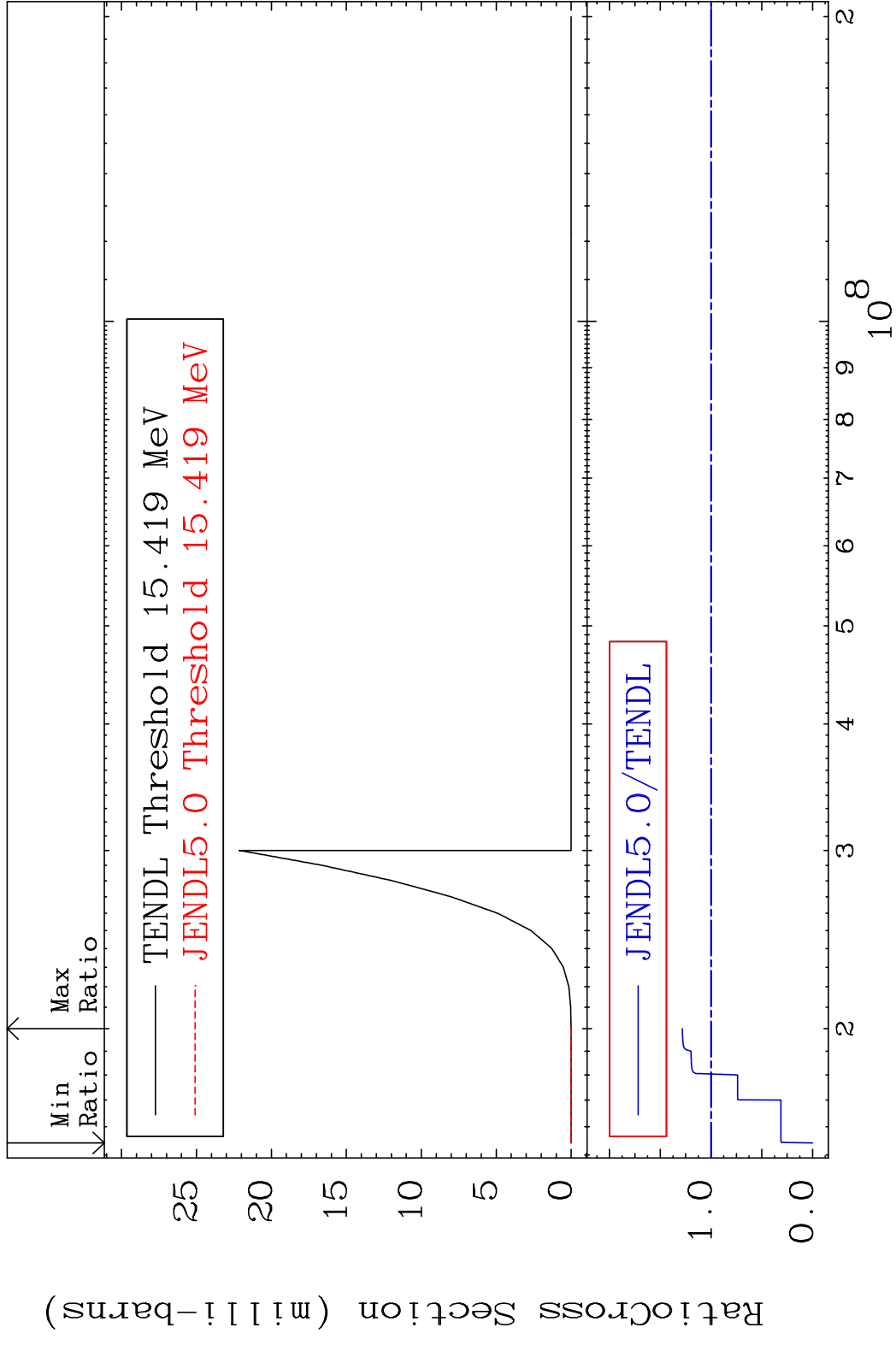
52-Te-127m

MAT 5247

(n,2n) p

52-Te-127m

Cross Section -100.0 To 28.23 %



9

Incident Energy (eV)

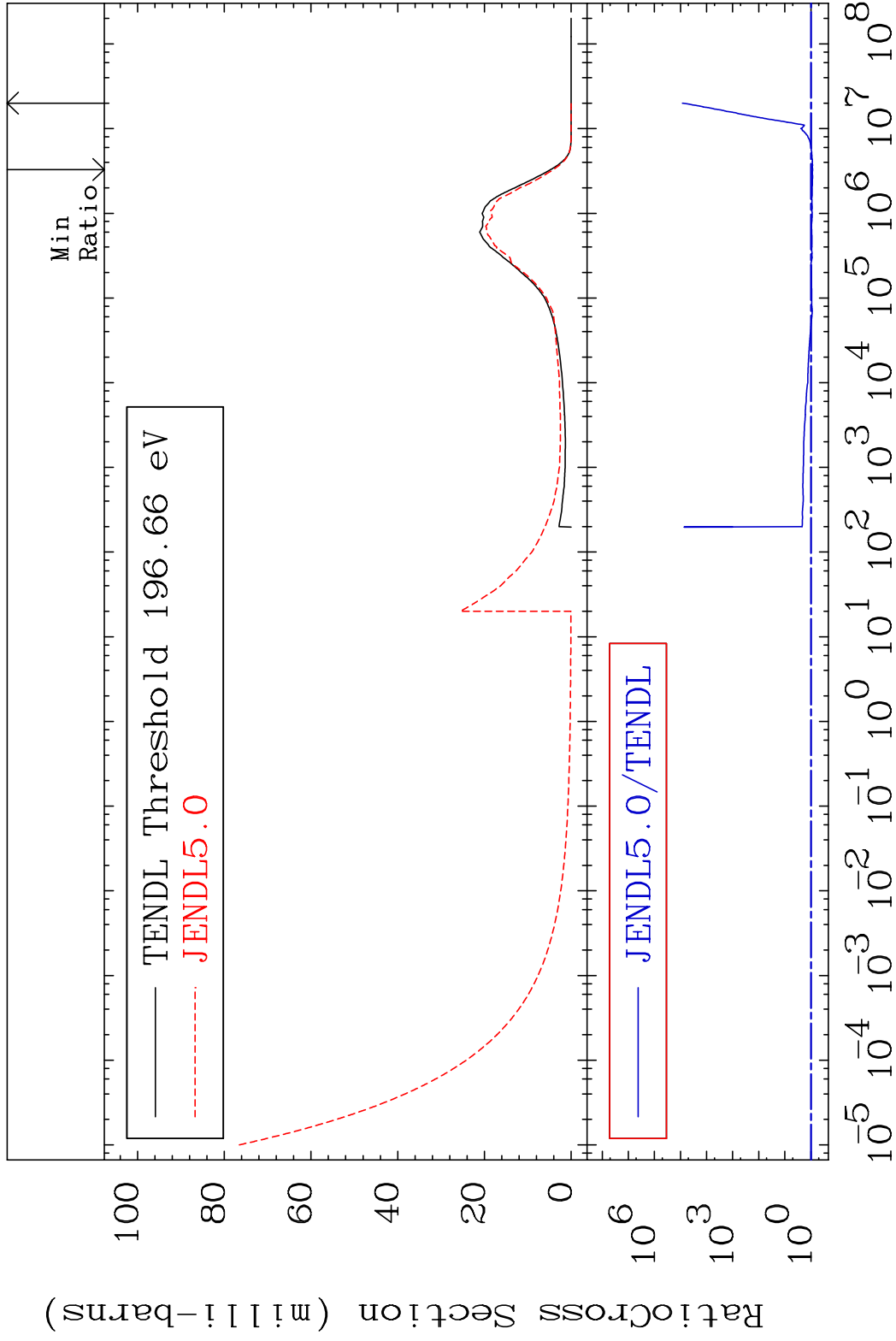
52-Te-127m

MAT 5247

MT= 51 (n,n')

Level 52-Te-127m

Cross Section -13.44 To 9999. %

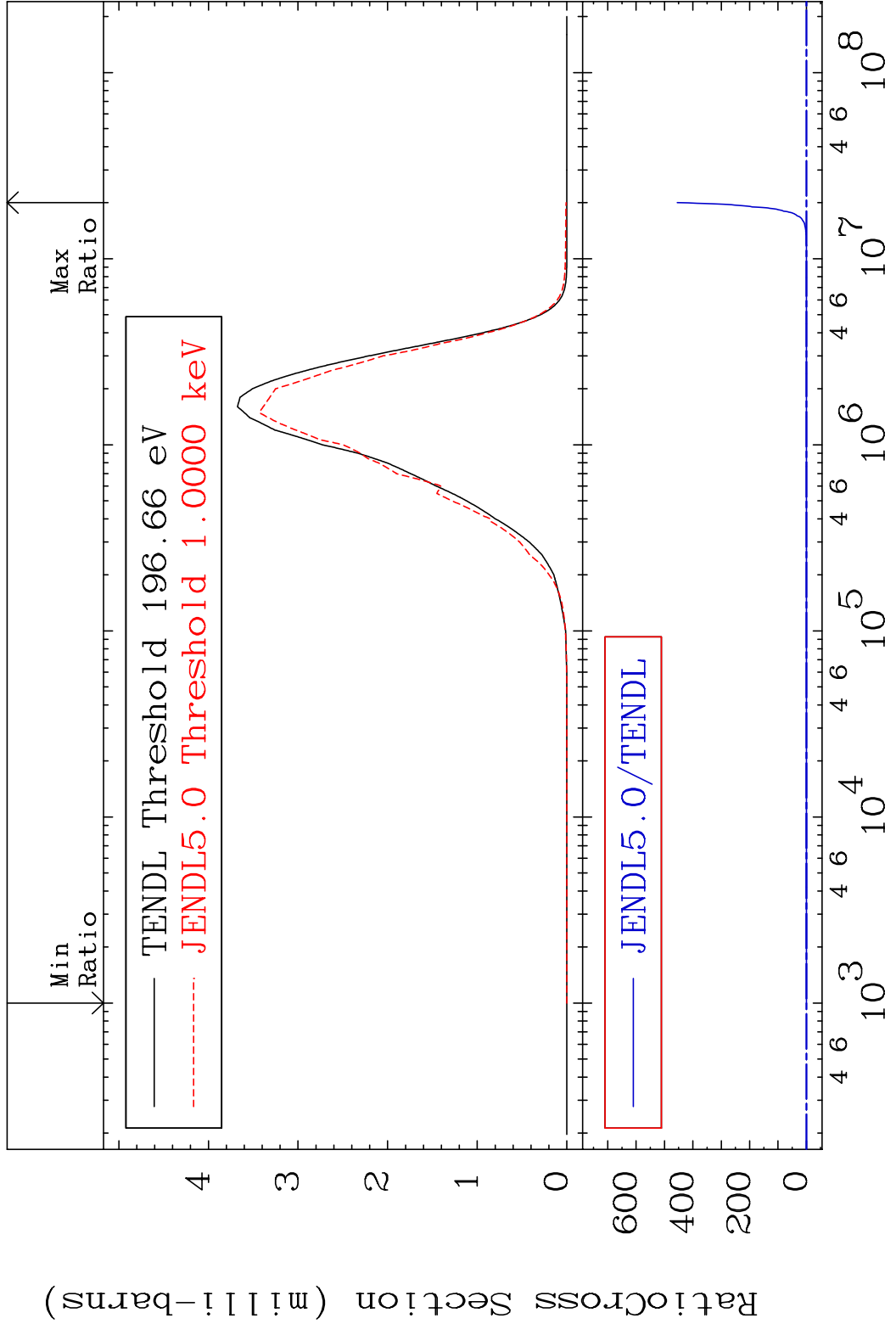


10

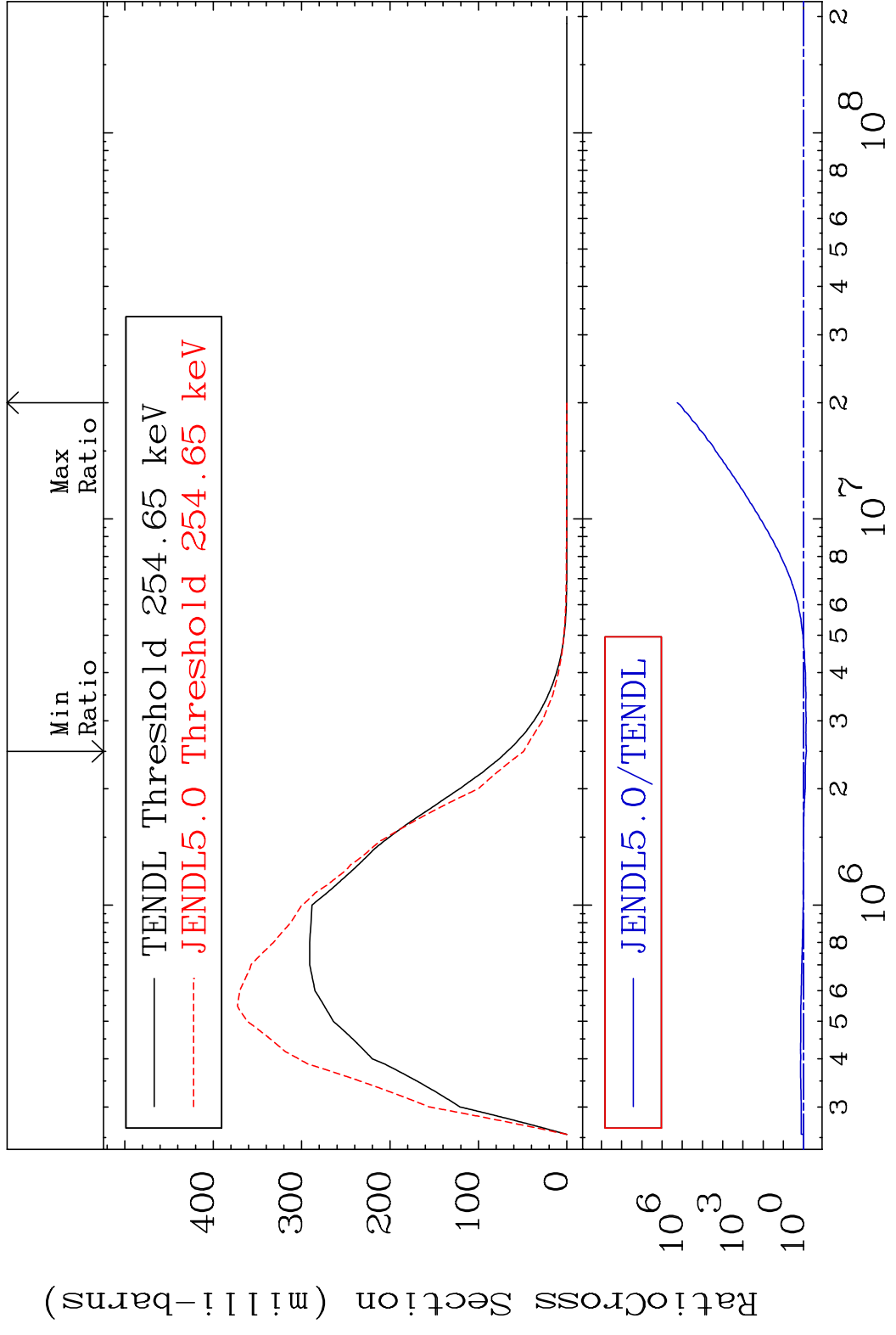
Incident Energy (eV)

52-Te-127m

MAT 5247 MT= 52 (n,n') Level 52-Te-127m
 Cross Section -100.0 To 9999. %

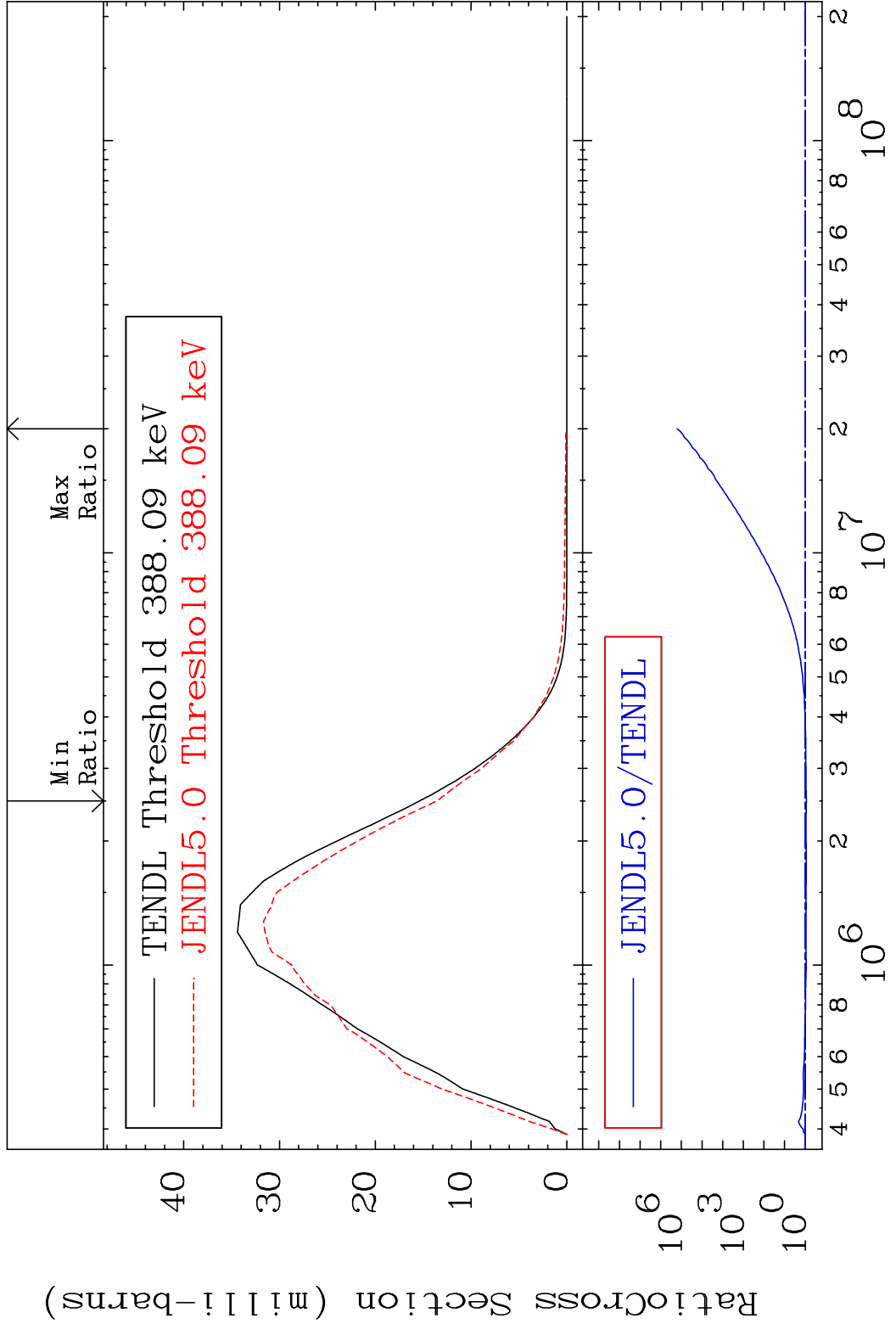


MAT 5247 MT= 53 (n,n') Level 52-Te-127m
 Cross Section -27.60 To 9999. %

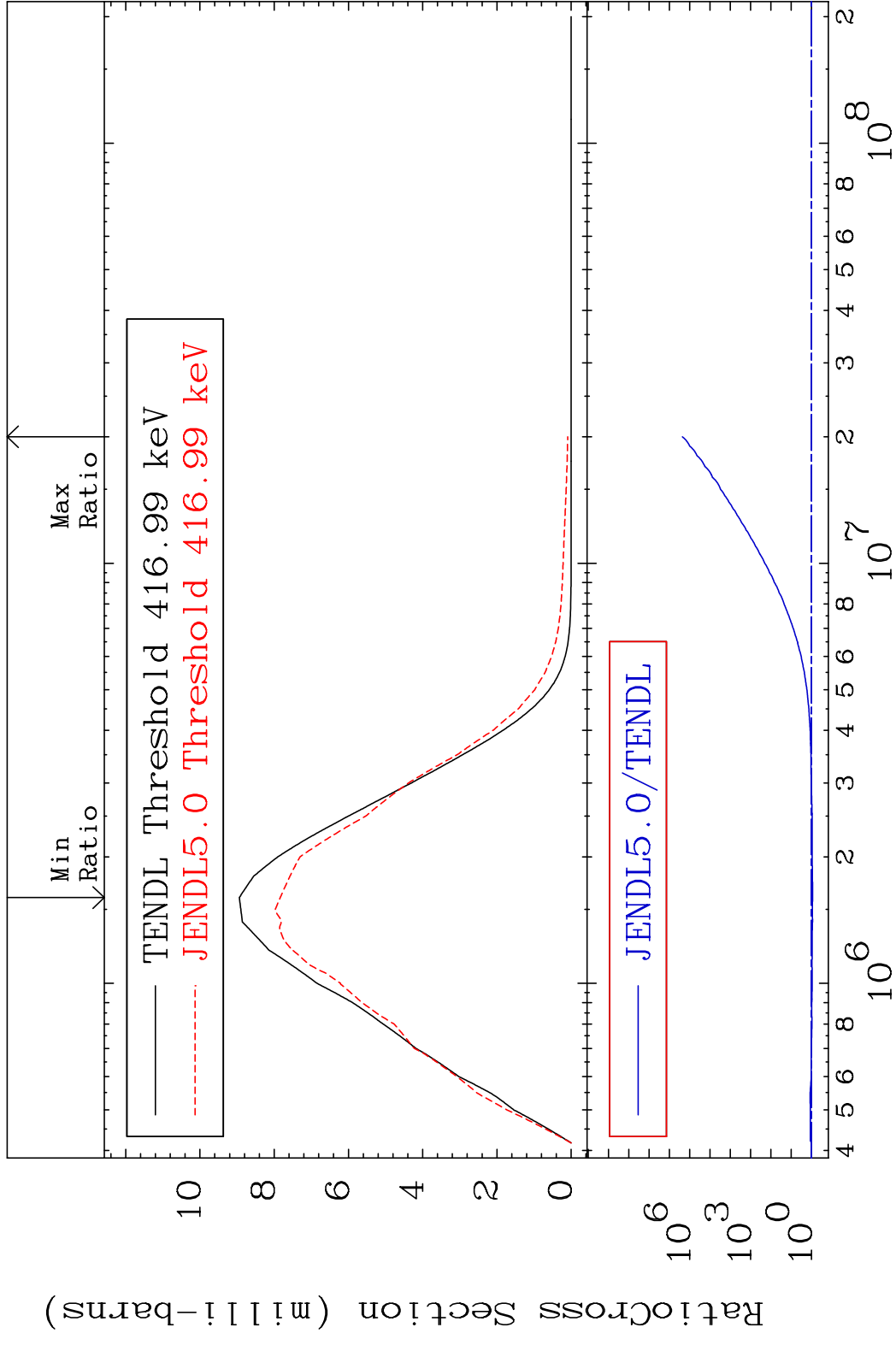


12 Incident Energy (eV) 52-Te-127m

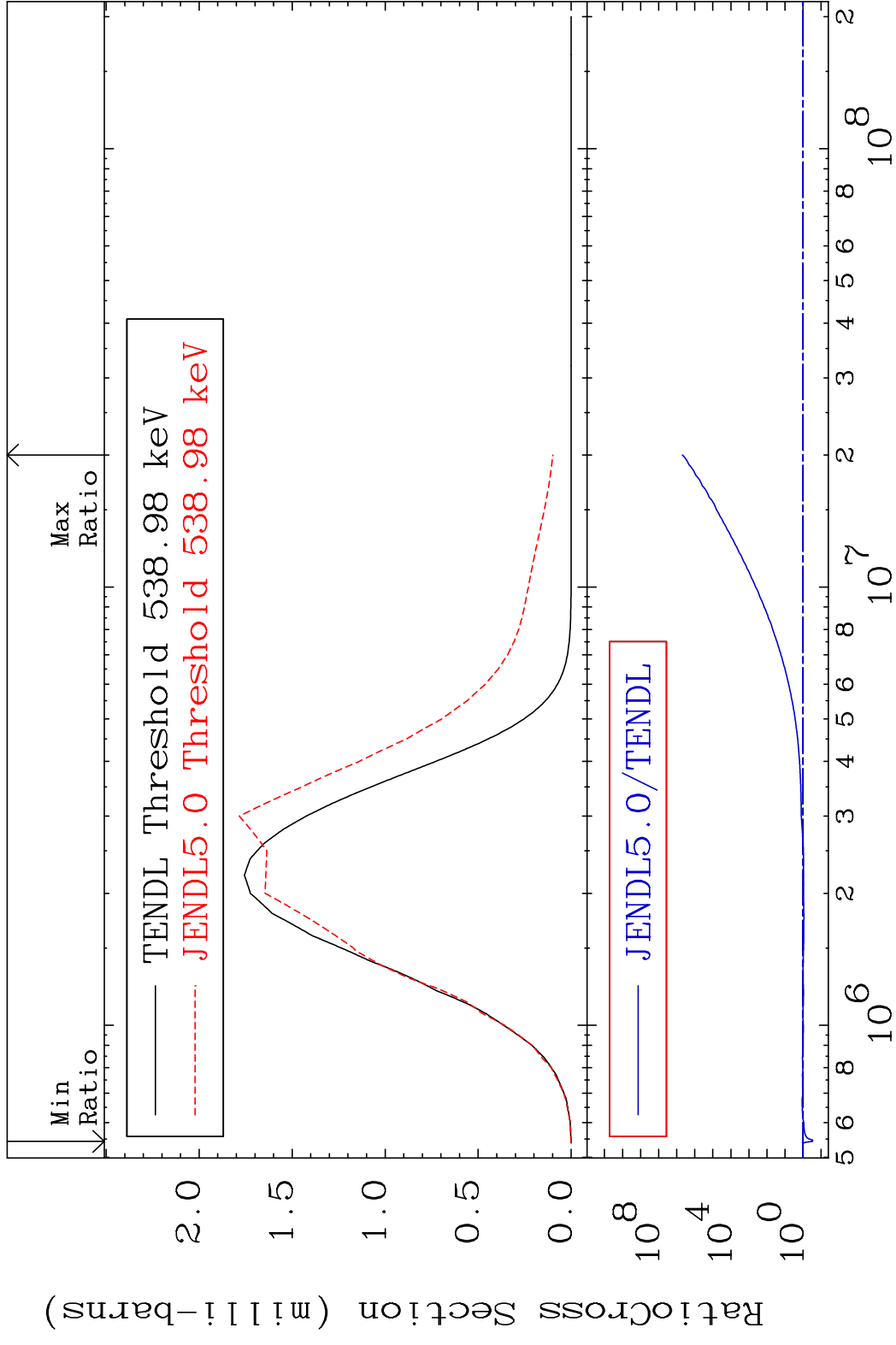
MAT 5247 MT= 54 (n, n') Level 52-Te-127m
 Cross Section -11.99 To 9999. %



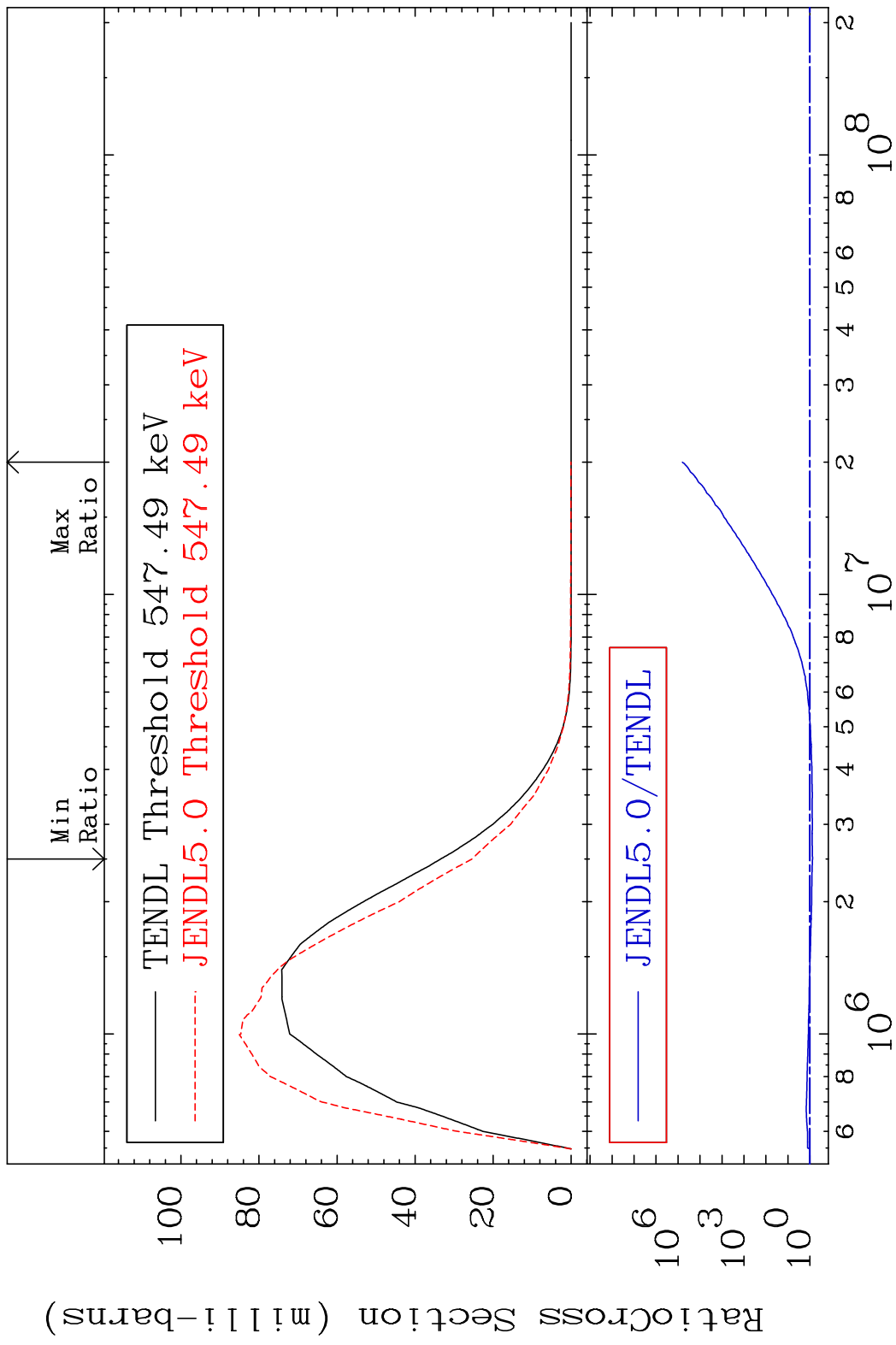
MAT 5247 MT= 55 (n,n') Level 52-Te-127m
 Cross Section -12.33 To 9999. %



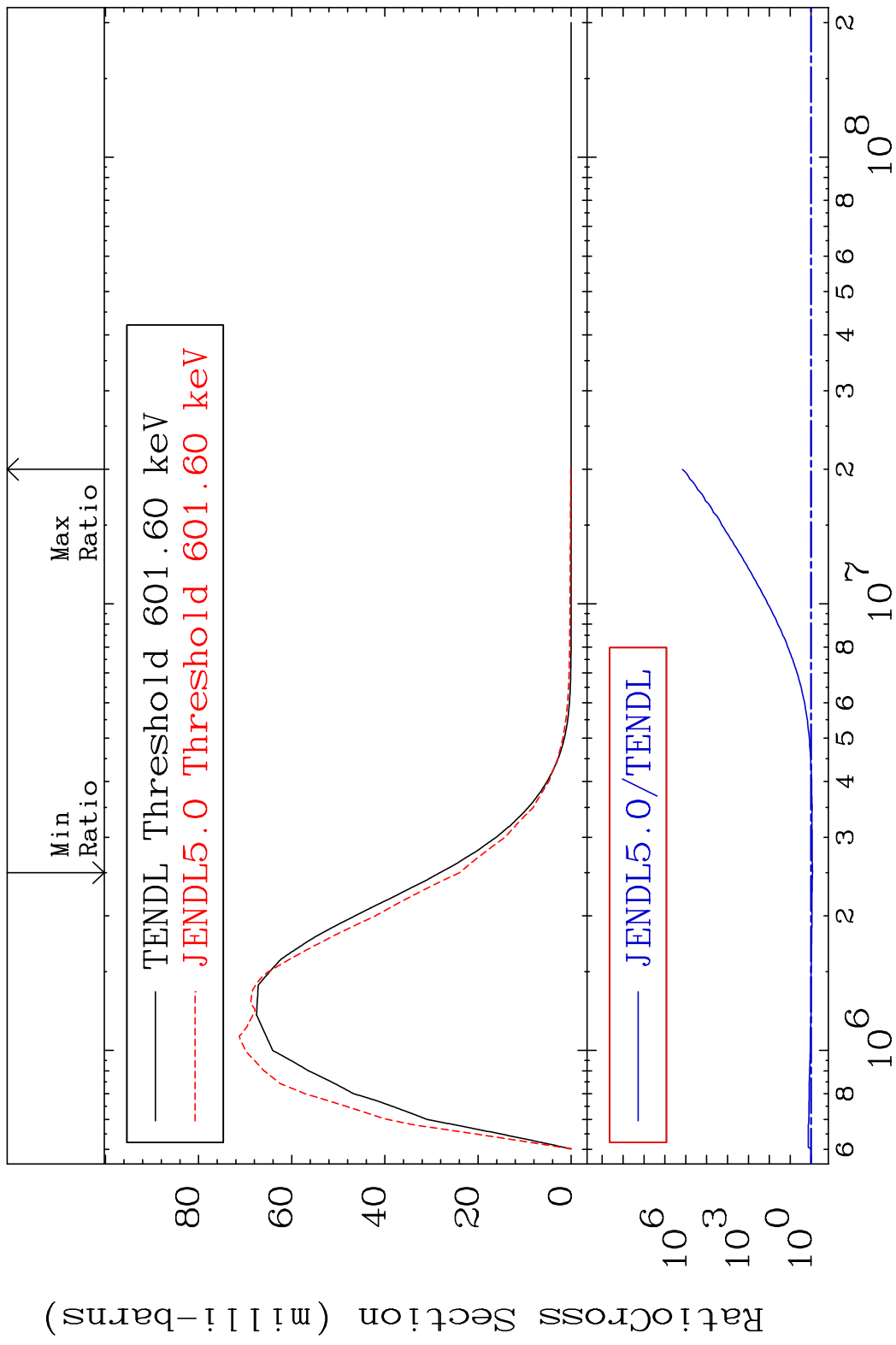
MAT 5247 MT= 56 (n, n') Level 52-Te-127m
 Cross Section -70.24 To 9999. %



MAT 5247 MT= 57 (n, n') Level 52-Te-127m
 Cross Section -24.06 To 9999. %

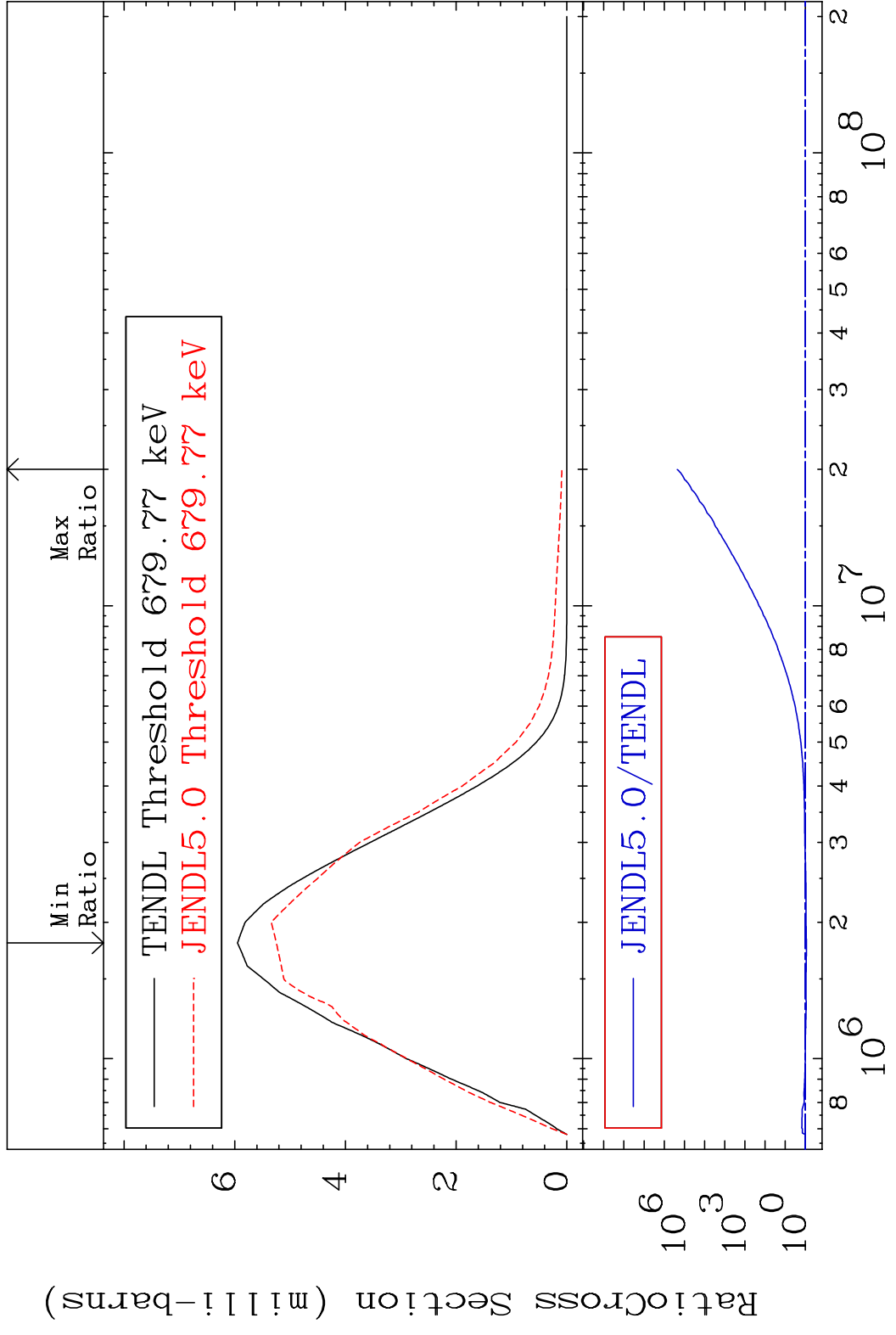


MAT 5247 MT= 58 (n, n') Level 52-Te-127m
 Cross Section -14.88 To 9999. %

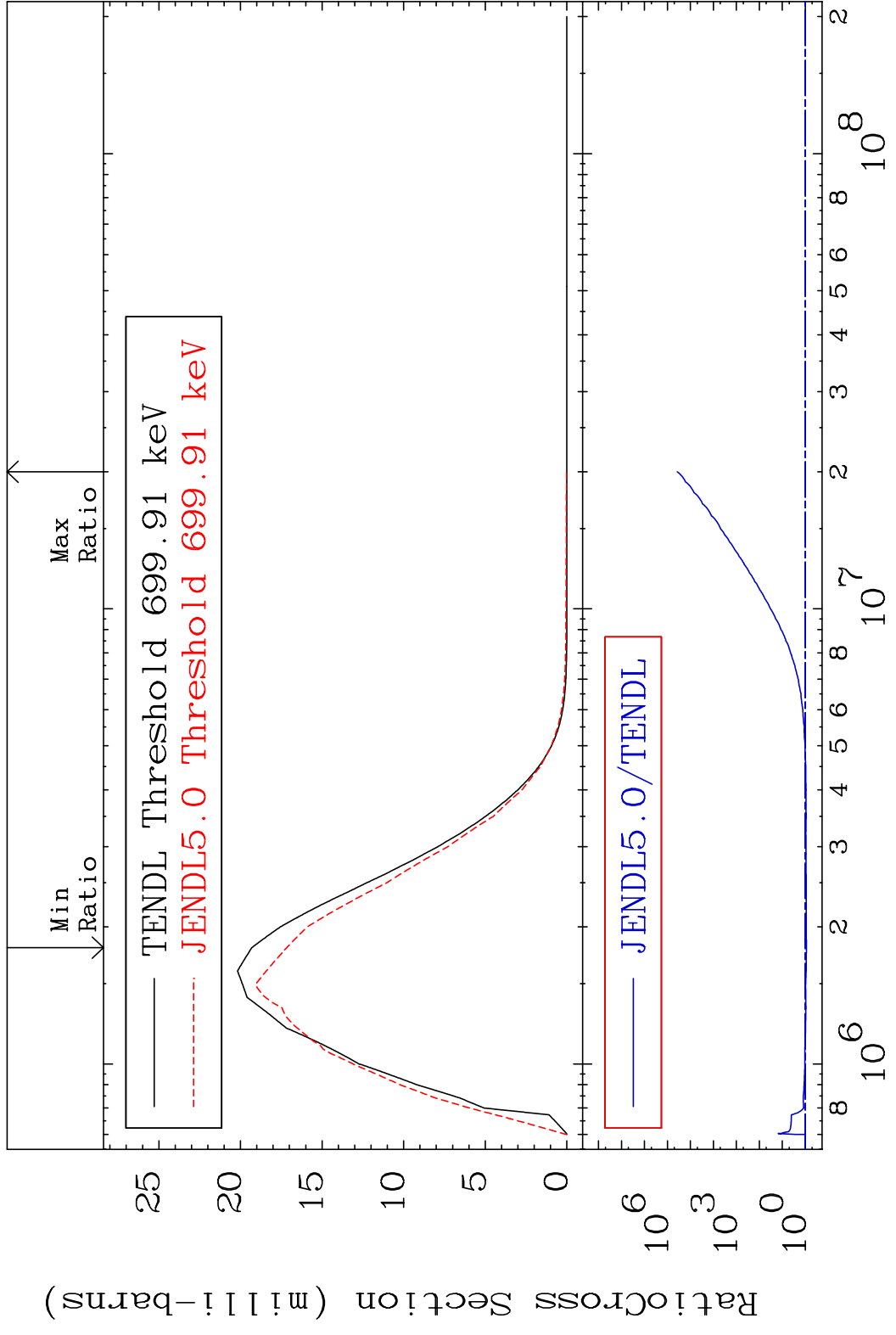


17 Incident Energy (eV) 52-Te-127m

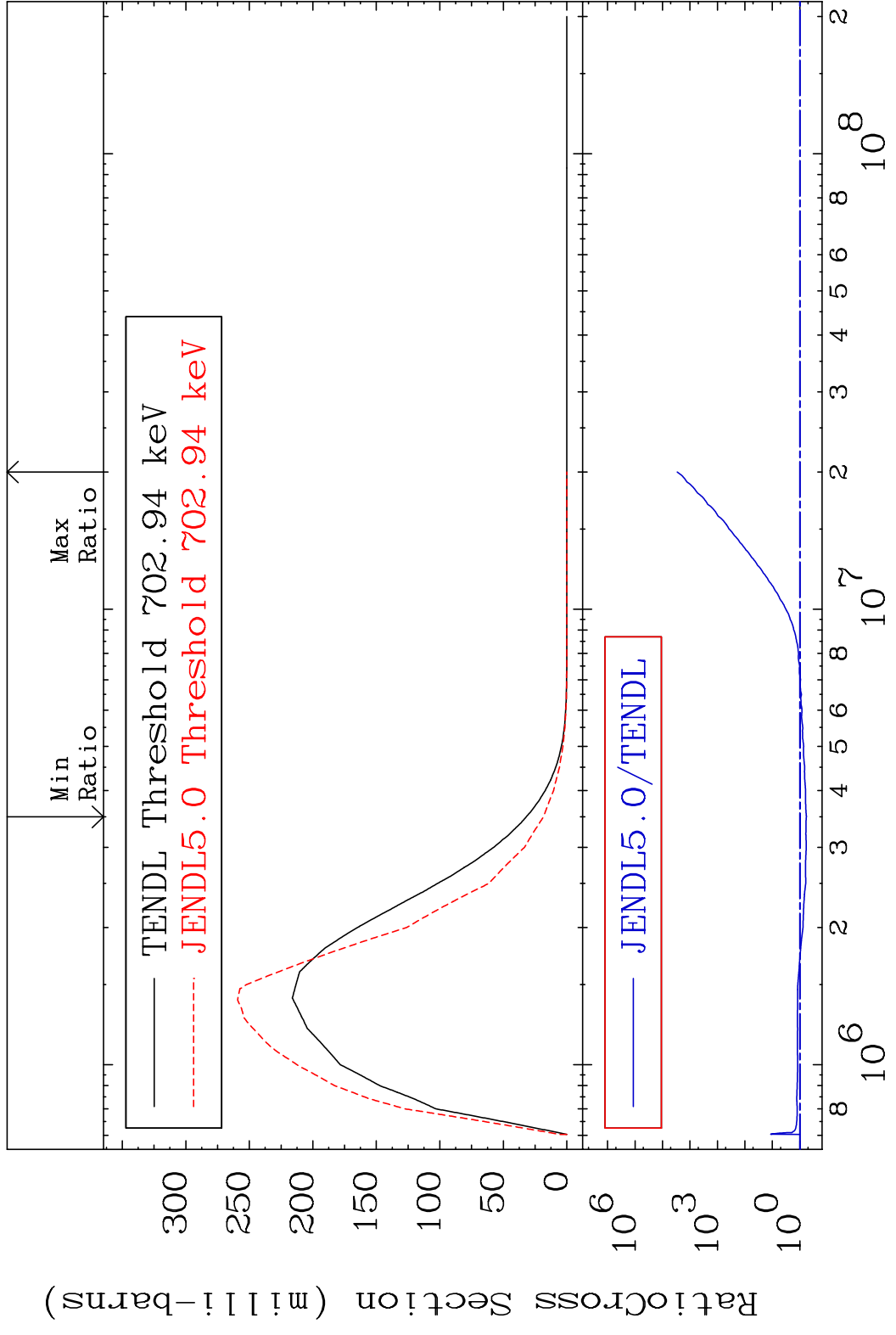
MAT 5247 MT= 59 (n, n') Level 52-Te-127m
 Cross Section -11.78 To 9999. %



MAT 5247 MT= 60 (n, n') Level 52-Te-127m
 Cross Section -11.10 To 9999. %

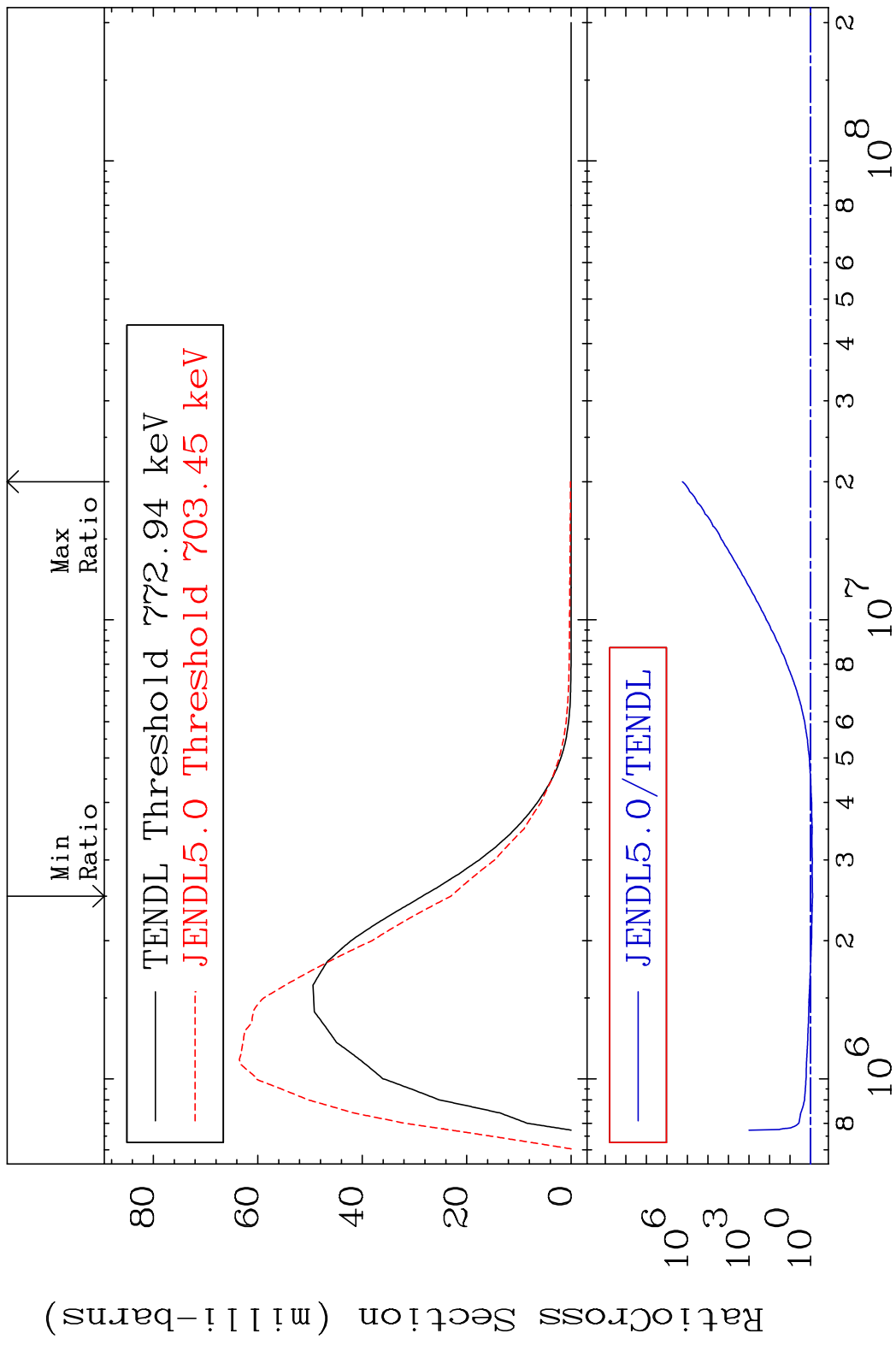


MAT 5247 MT= 61 (n, n') Level 52-Te-127m
 Cross Section -42.56 To 9999. %



20 Incident Energy (eV) 52-Te-127m

MAT 5247 MT= 62 (n, n') Level 52-Te-127m
 Cross Section -19.19 To 9999. %

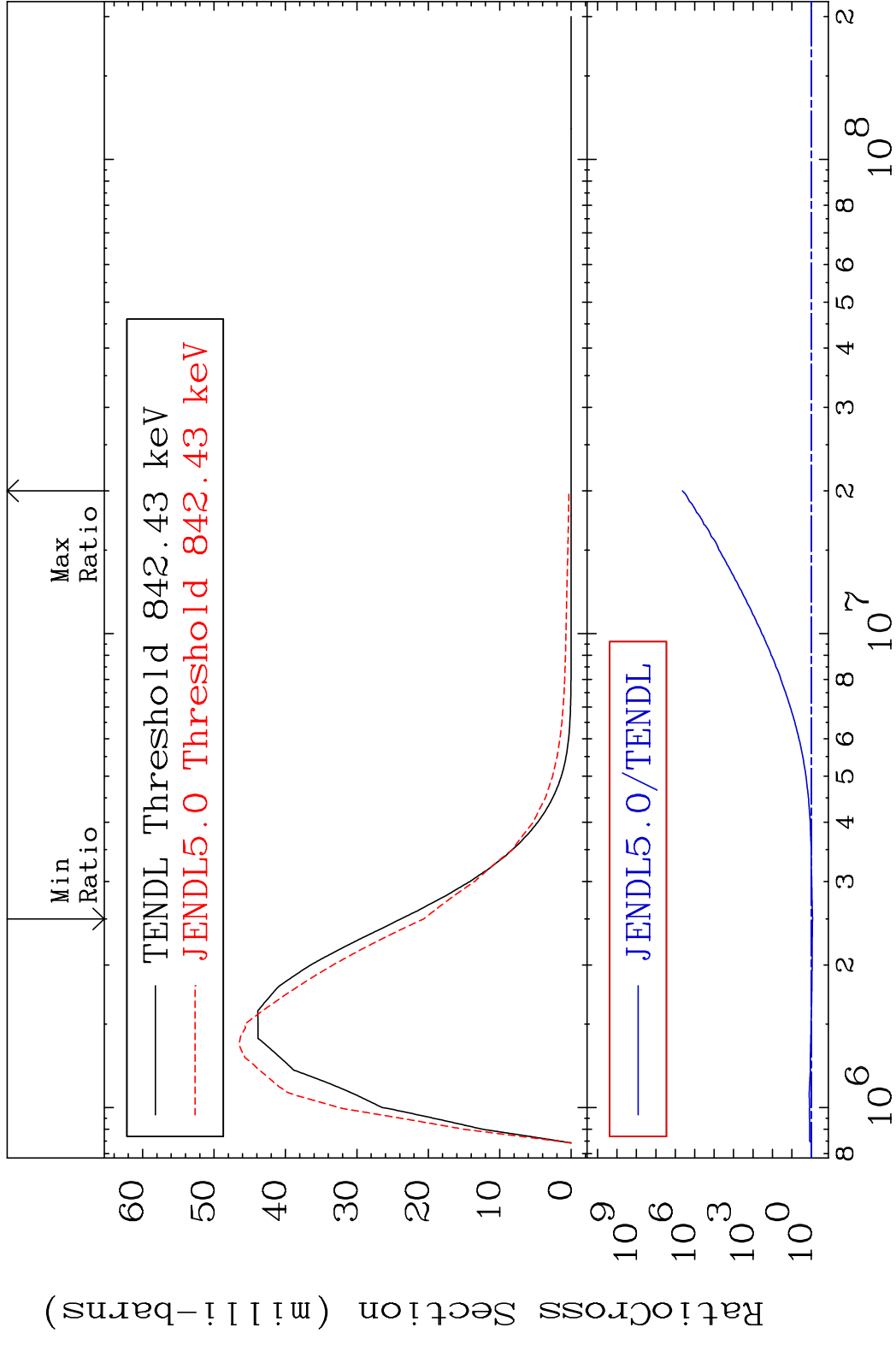


MAT 5247

MT= 63 (n, n') Level

52-Te-127m

Cross Section -13.48 To 9999. %

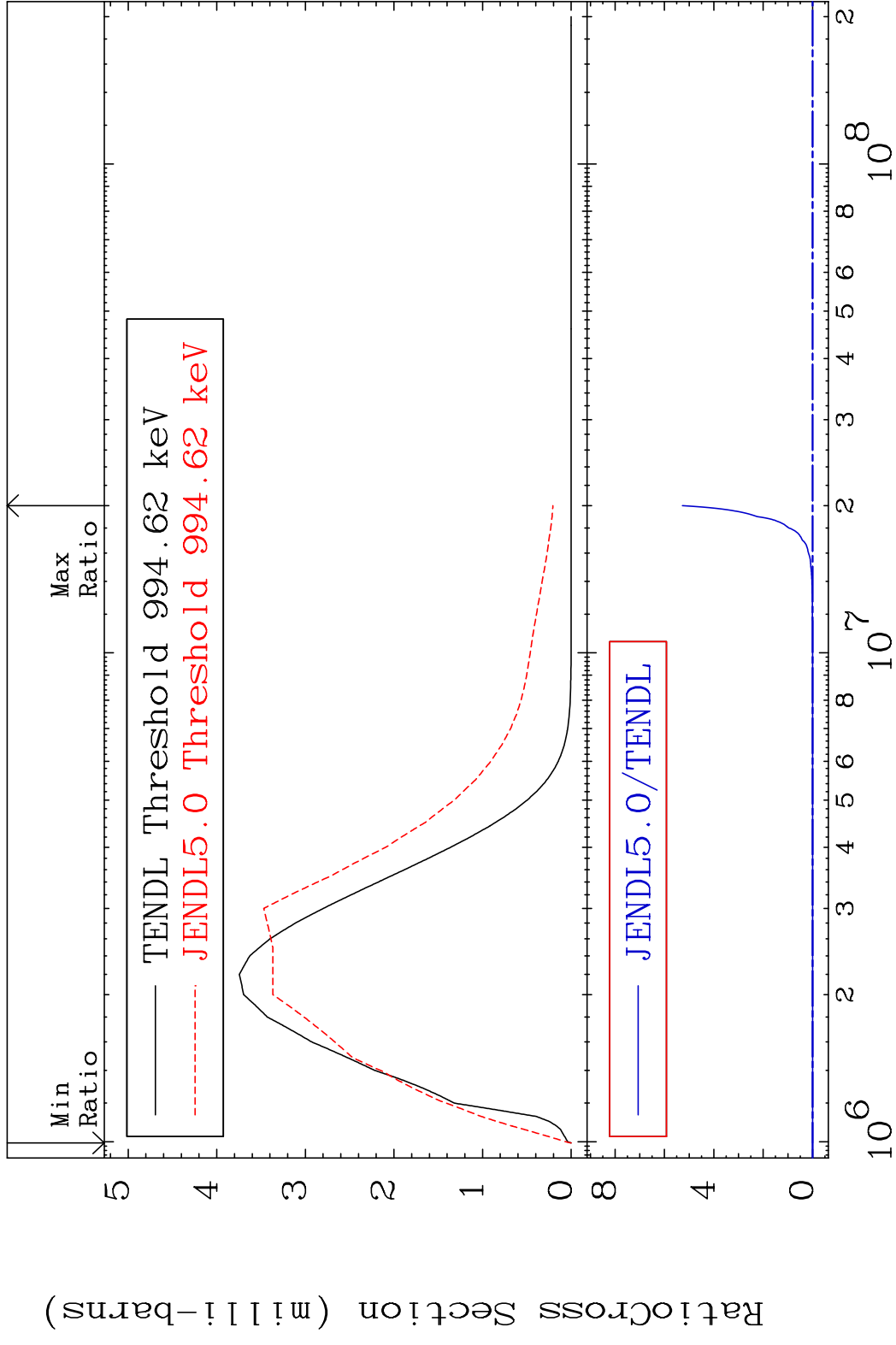


22

Incident Energy (eV)

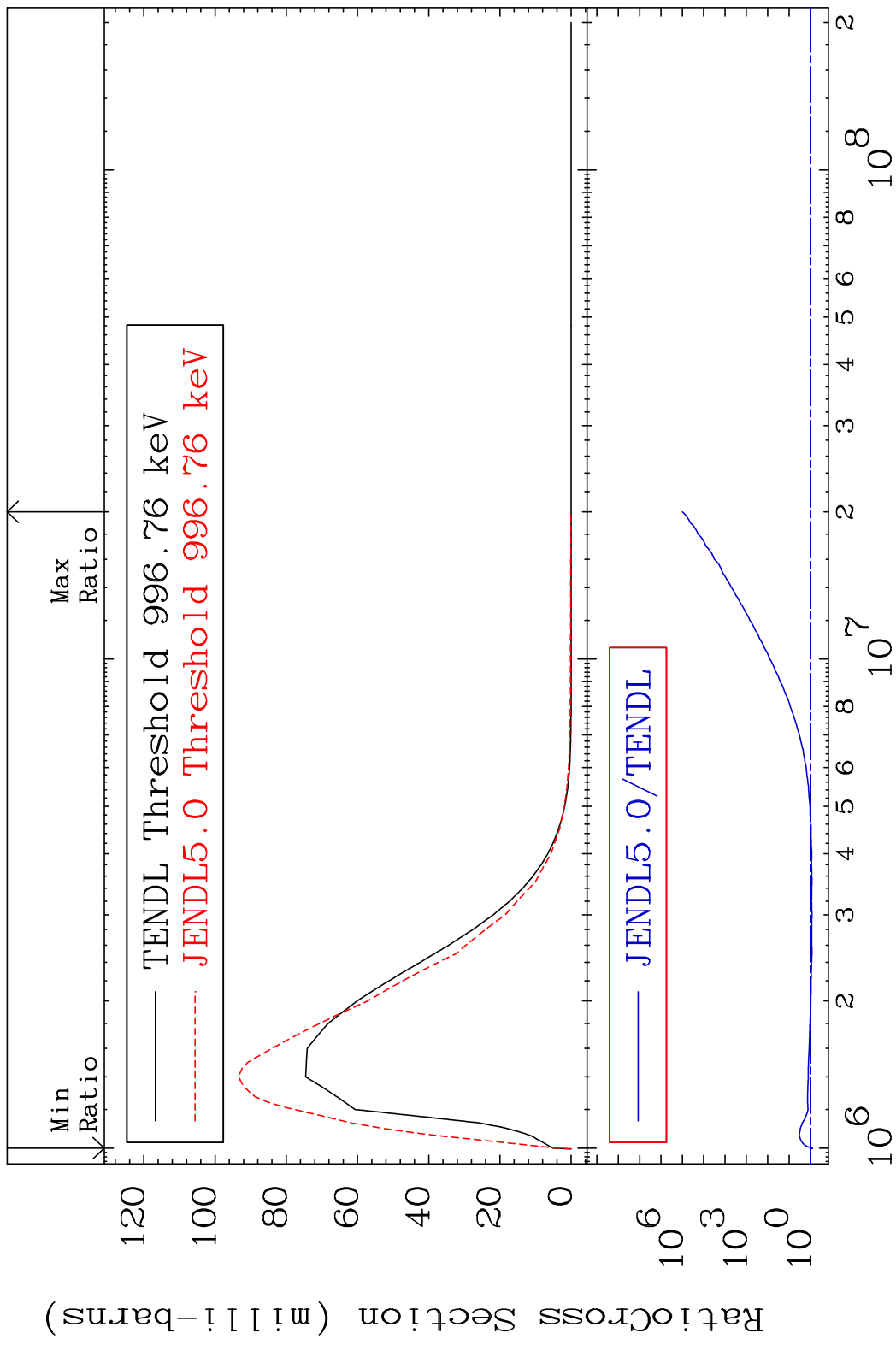
52-Te-127m

MAT 5247 MT= 64 (n, n') Level 52-Te-127m
 Cross Section -100.0 To 9999. %



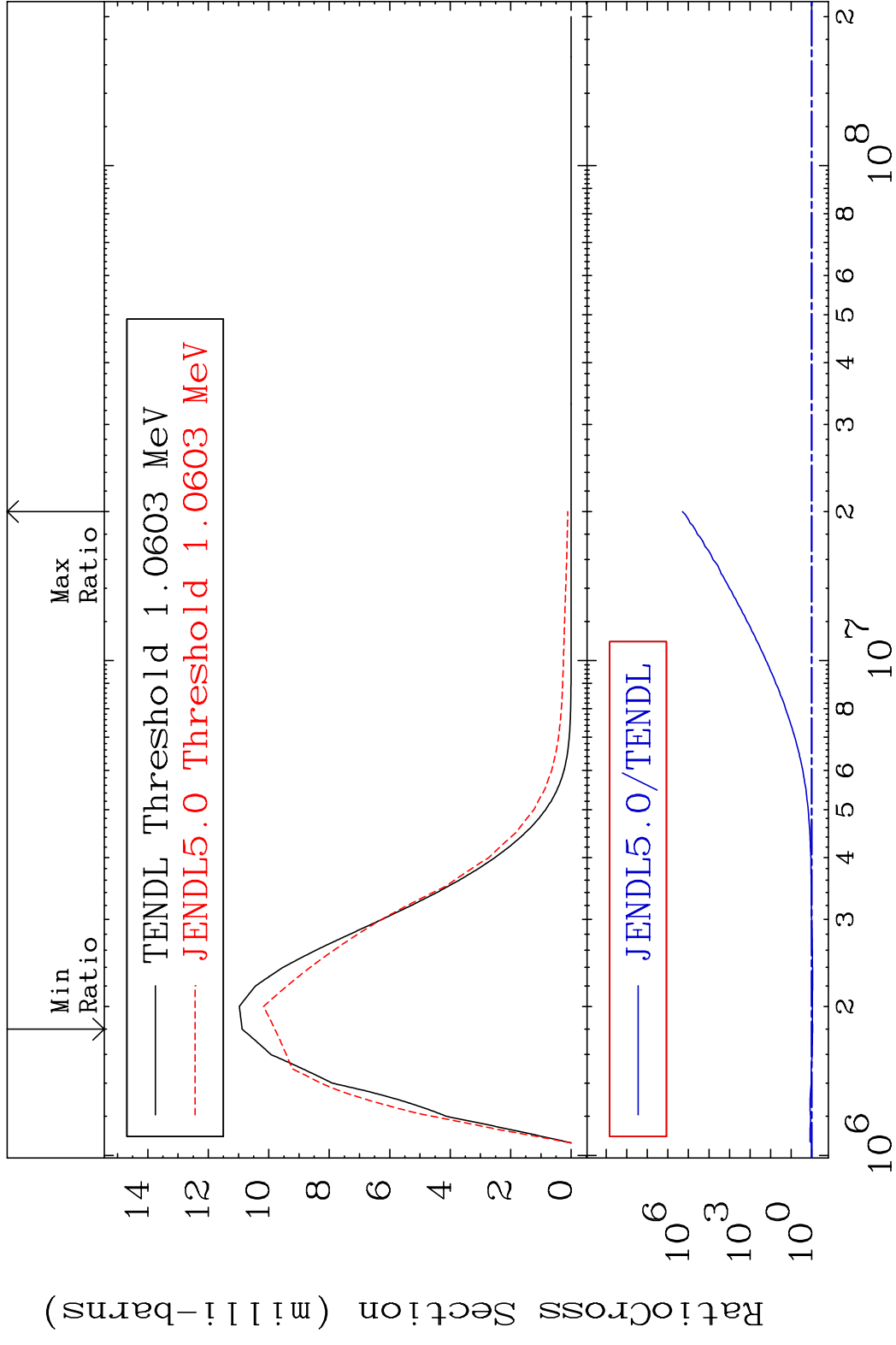
23 Incident Energy (eV) 52-Te-127m

MAT 5247 MT= 65 (n, n') Level 52-Te-127m
 Cross Section -21.14 To 9999. %



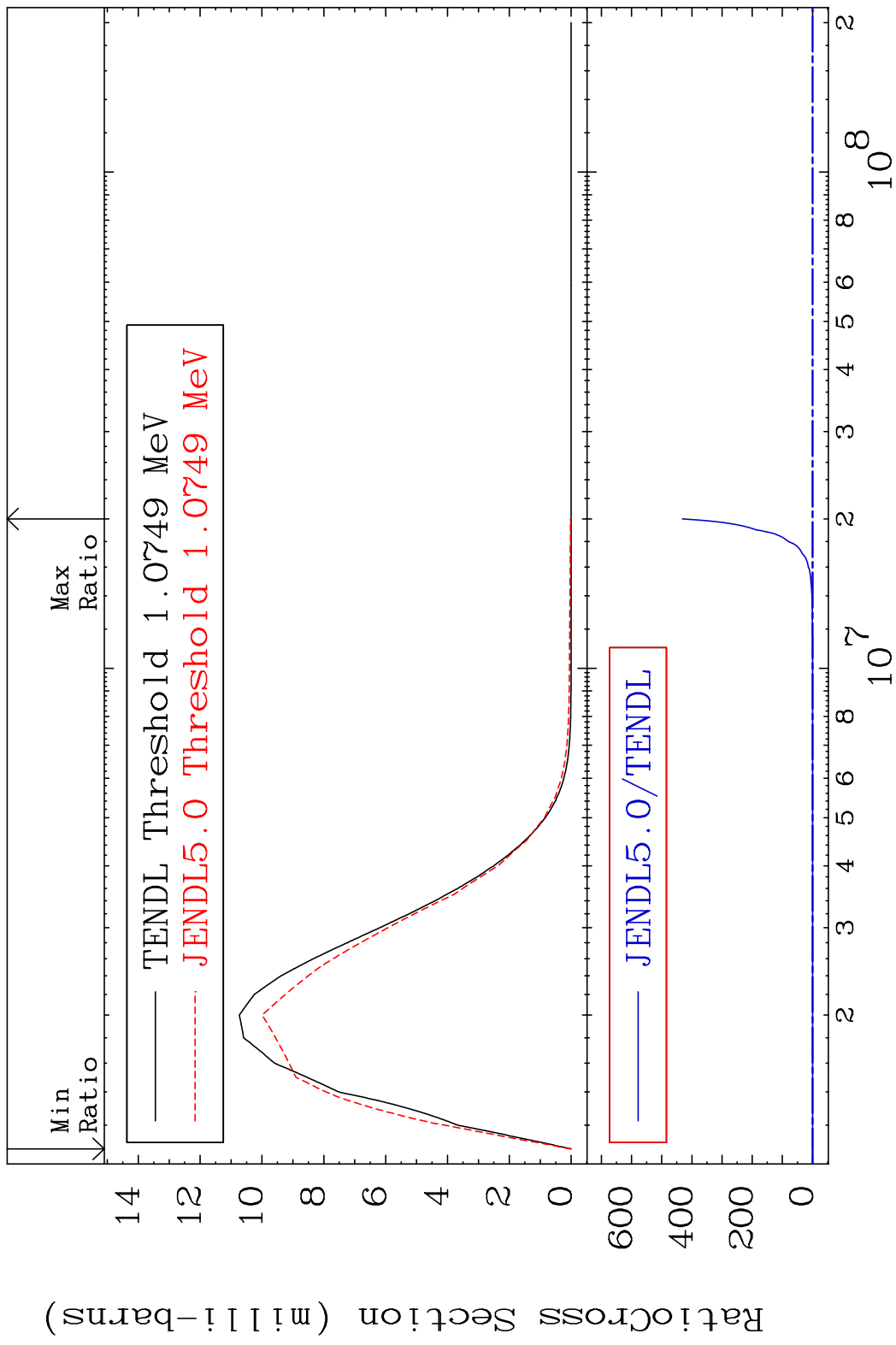
24 Incident Energy (eV) 52-Te-127m

MAT 5247 MT= 66 (n, n') Level 52-Te-127m
 Cross Section -9.968 To 9999. %

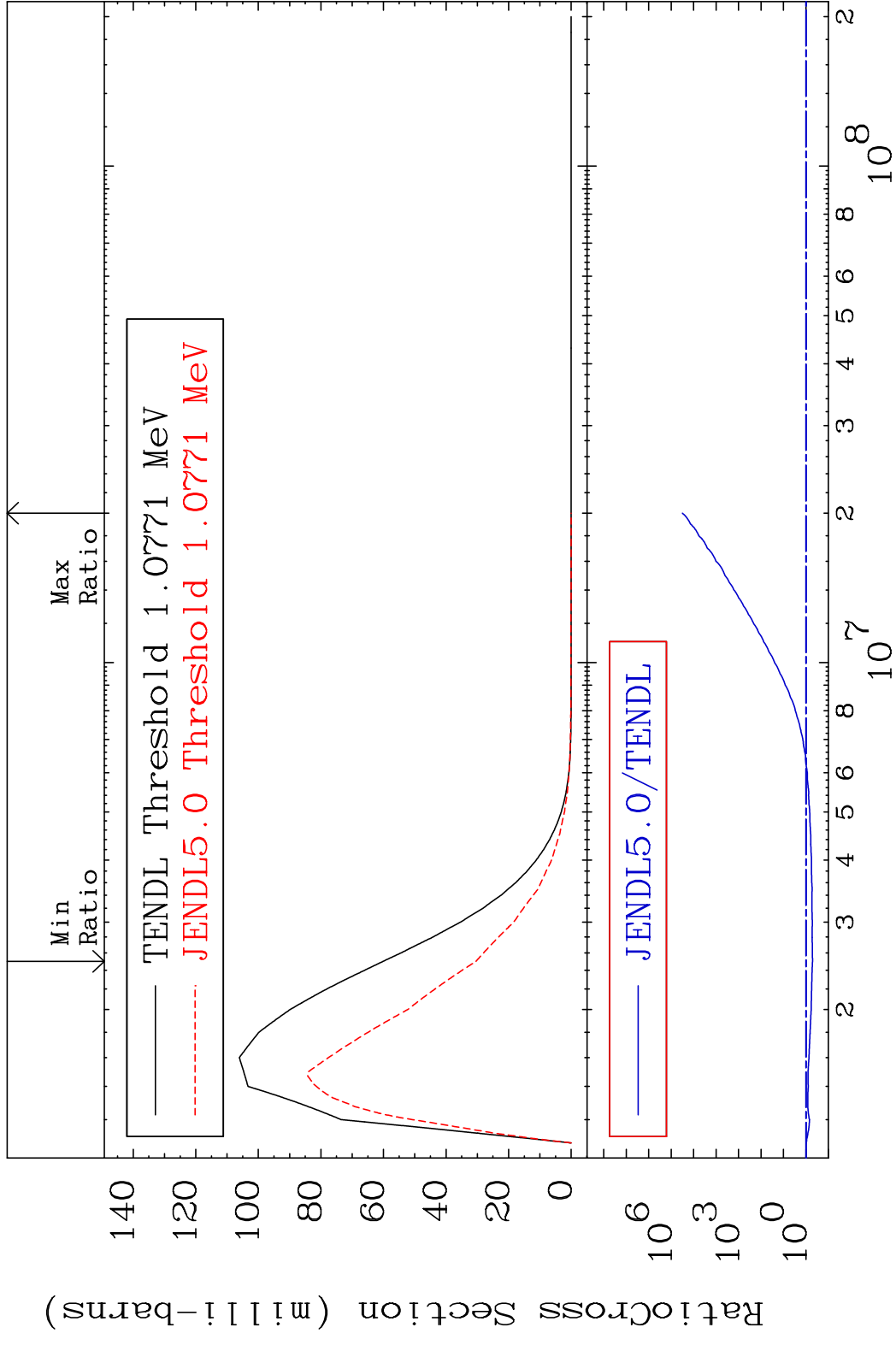


25 Incident Energy (eV) 52-Te-127m

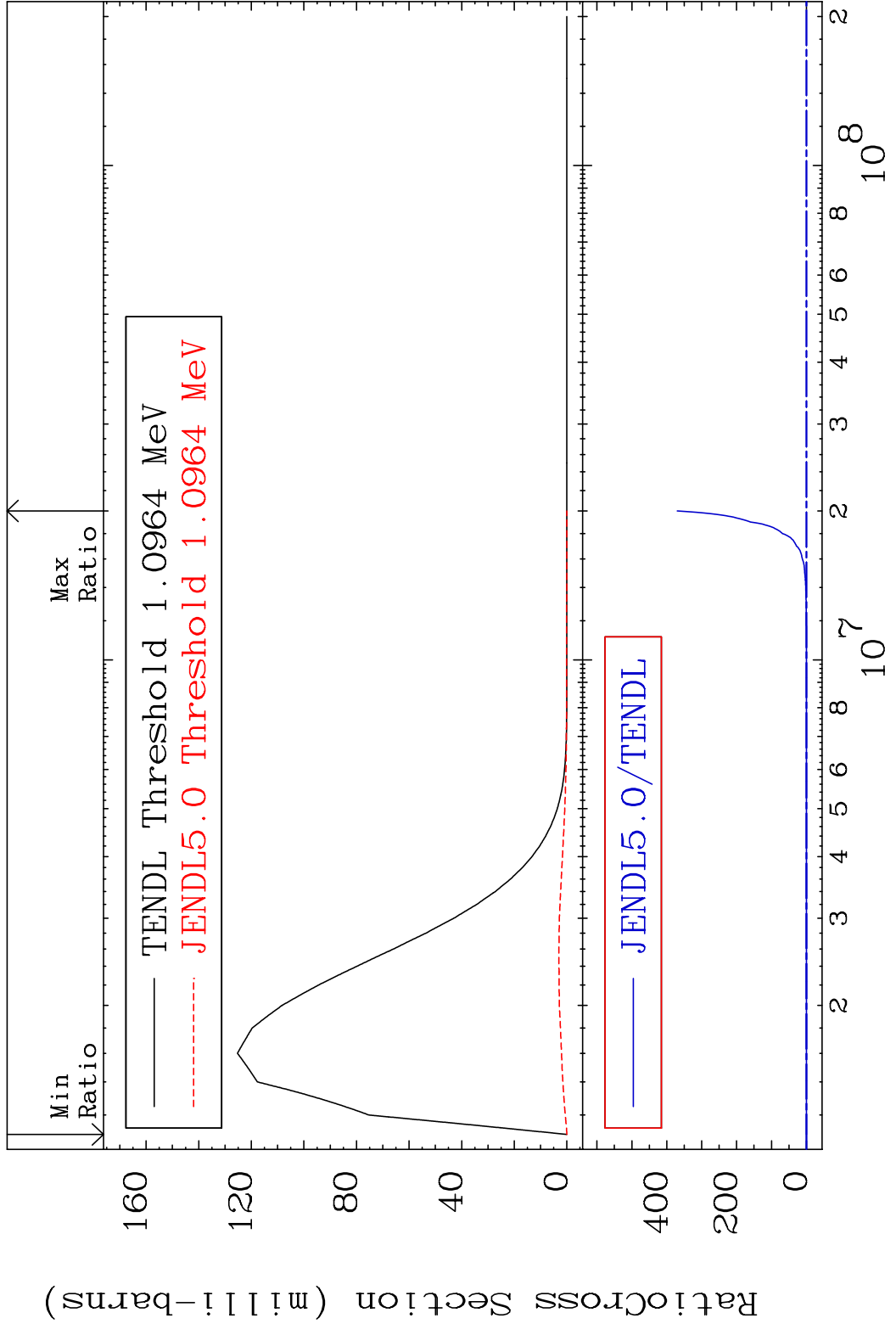
MAT 5247 MT= 67 (n, n') Level 52-Te-127m
 Cross Section -100.0 To 9999. %



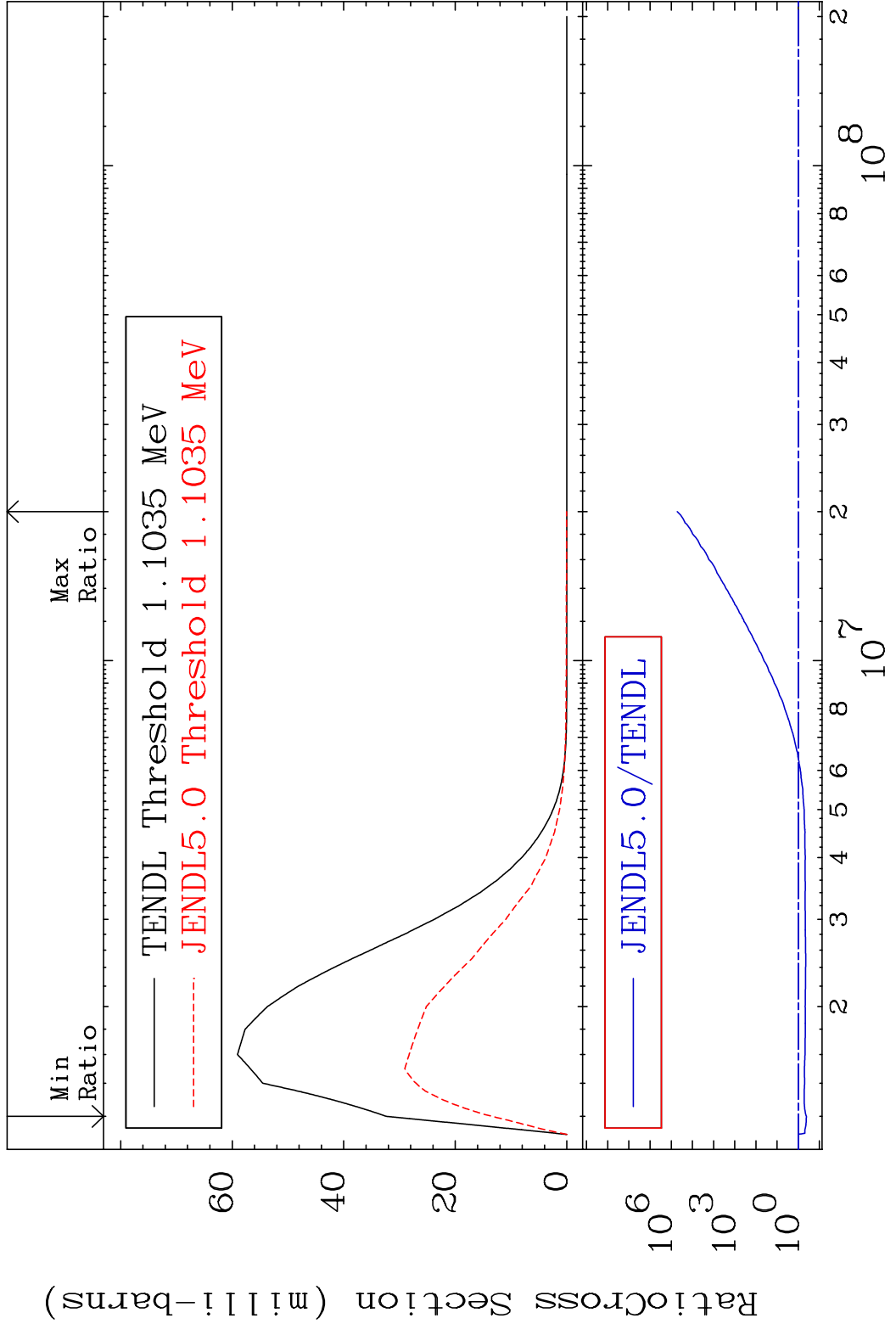
MAT 5247 MT= 68 (n, n') Level 52-Te-127m
 Cross Section -49.41 To 9999. %



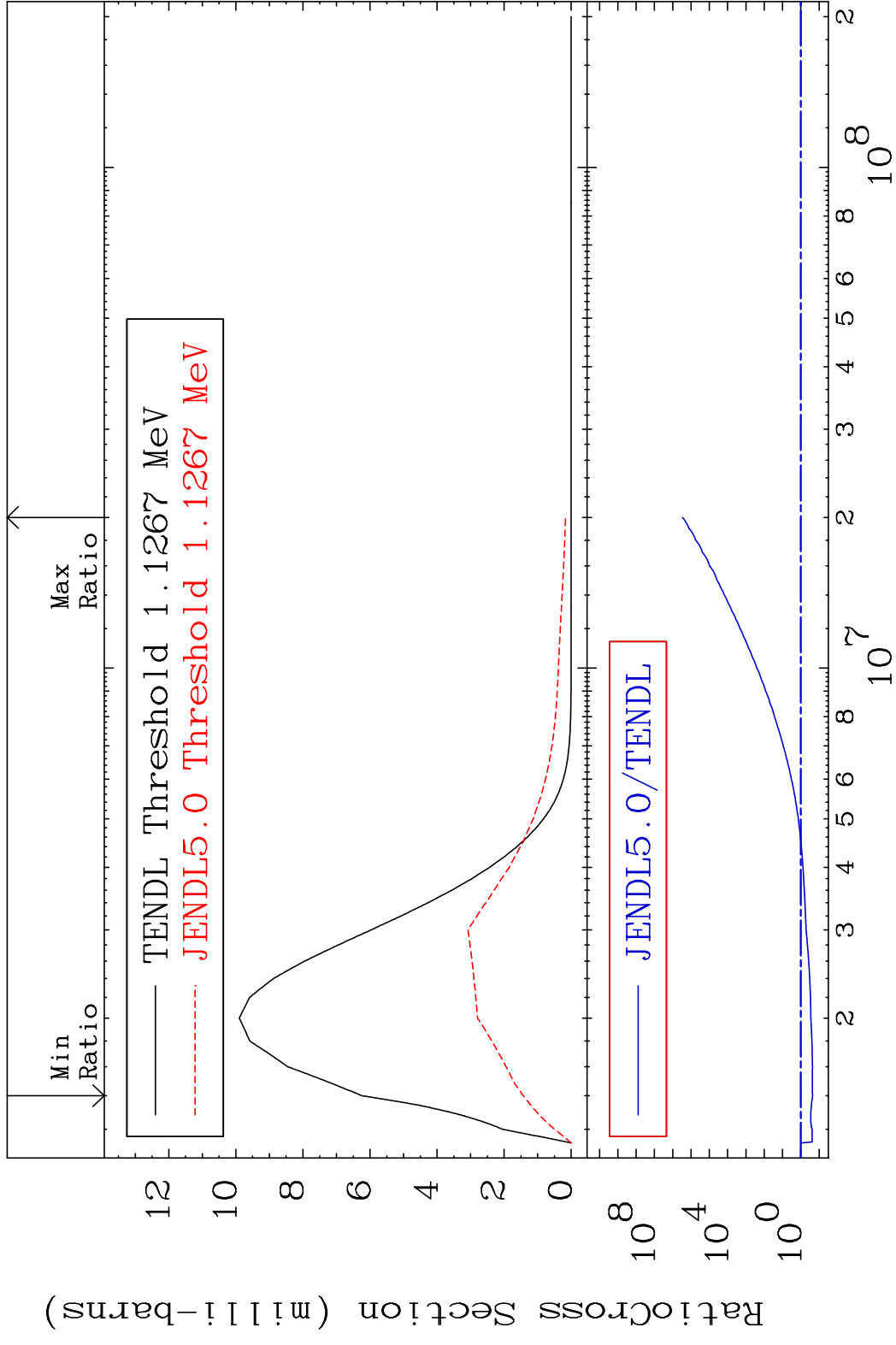
MAT 5247 MT= 69 (n, n') Level 52-Te-127m
 Cross Section -100.0 To 9999. %



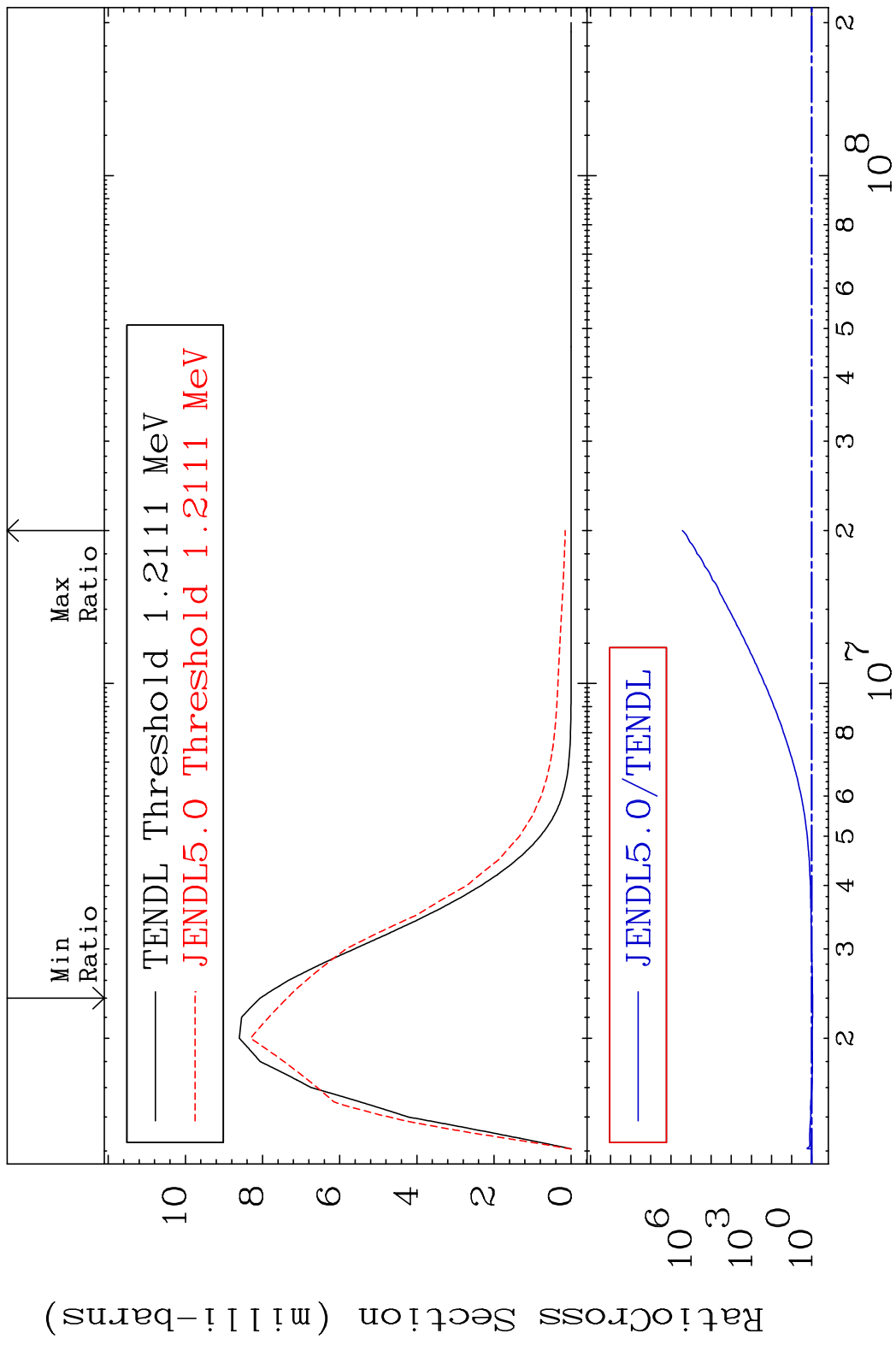
MAT 5247 MT= 70 (n, n') Level 52-Te-127m
 Cross Section -58.81 To 9999. %



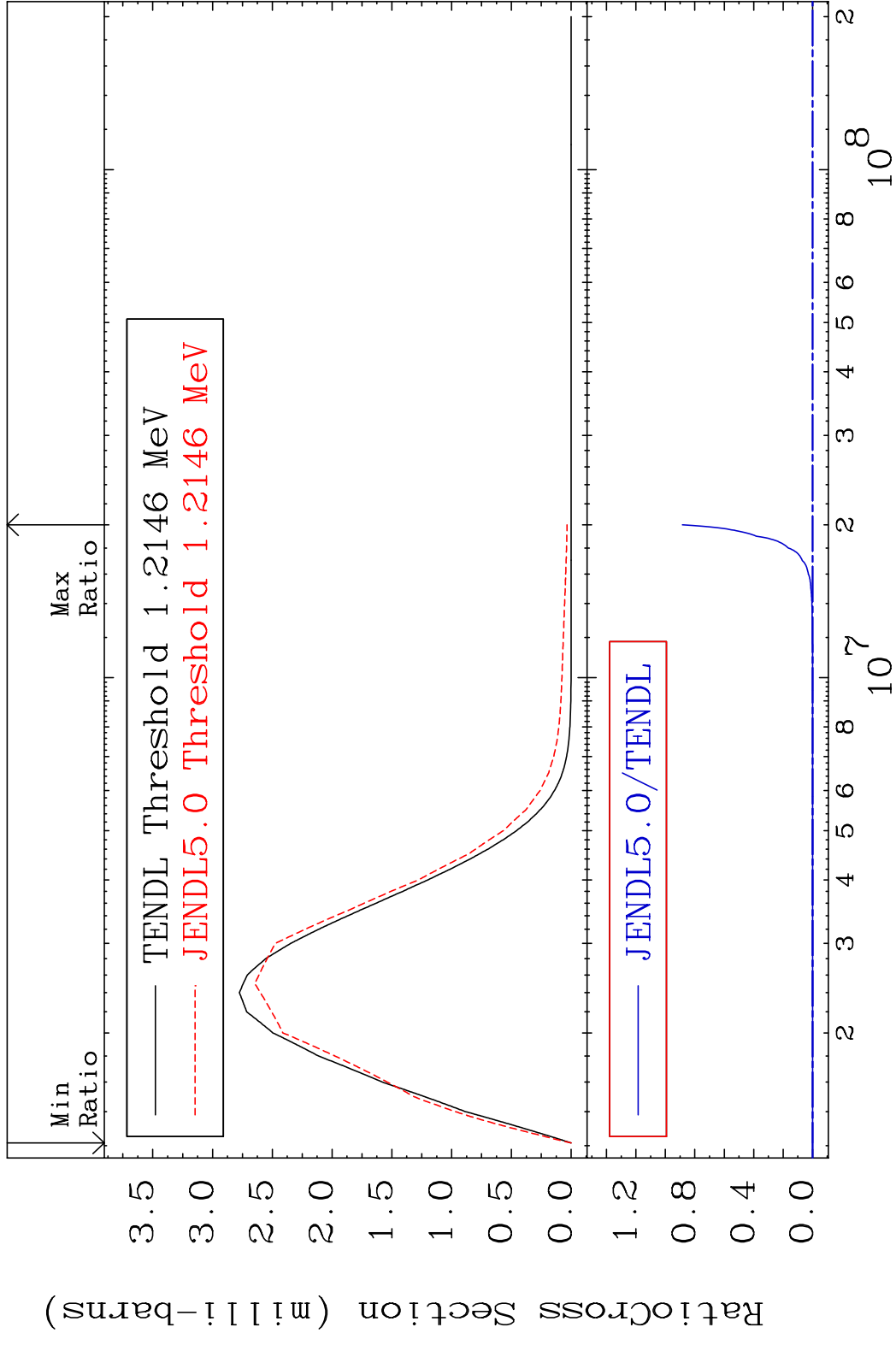
MAT 5247 MT= 71 (n, n') Level 52-Te-127m
 Cross Section -77.14 To 9999. %



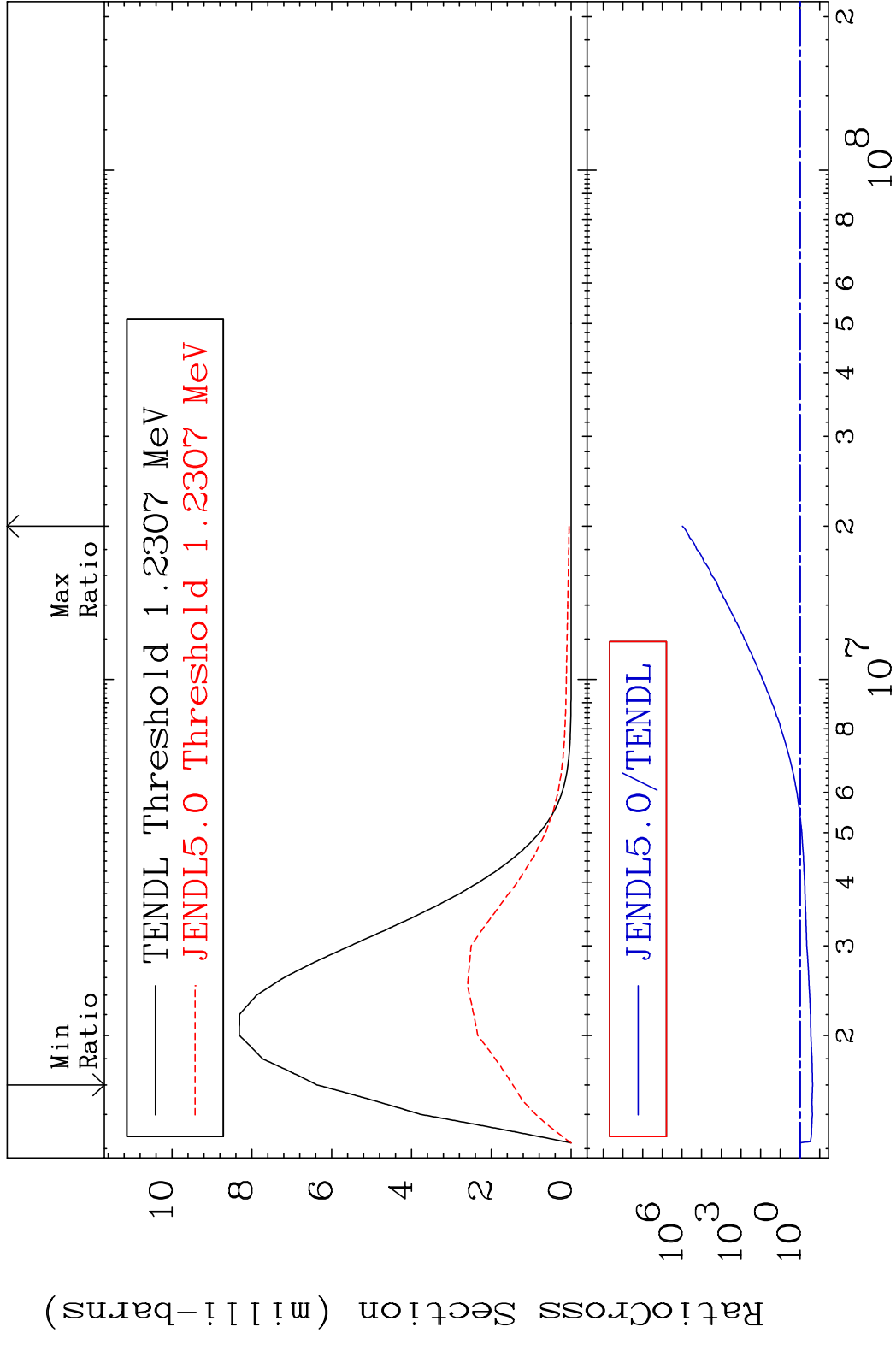
MAT 5247 MT= 72 (n, n') Level 52-Te-127m
 Cross Section -8.698 To 9999. %



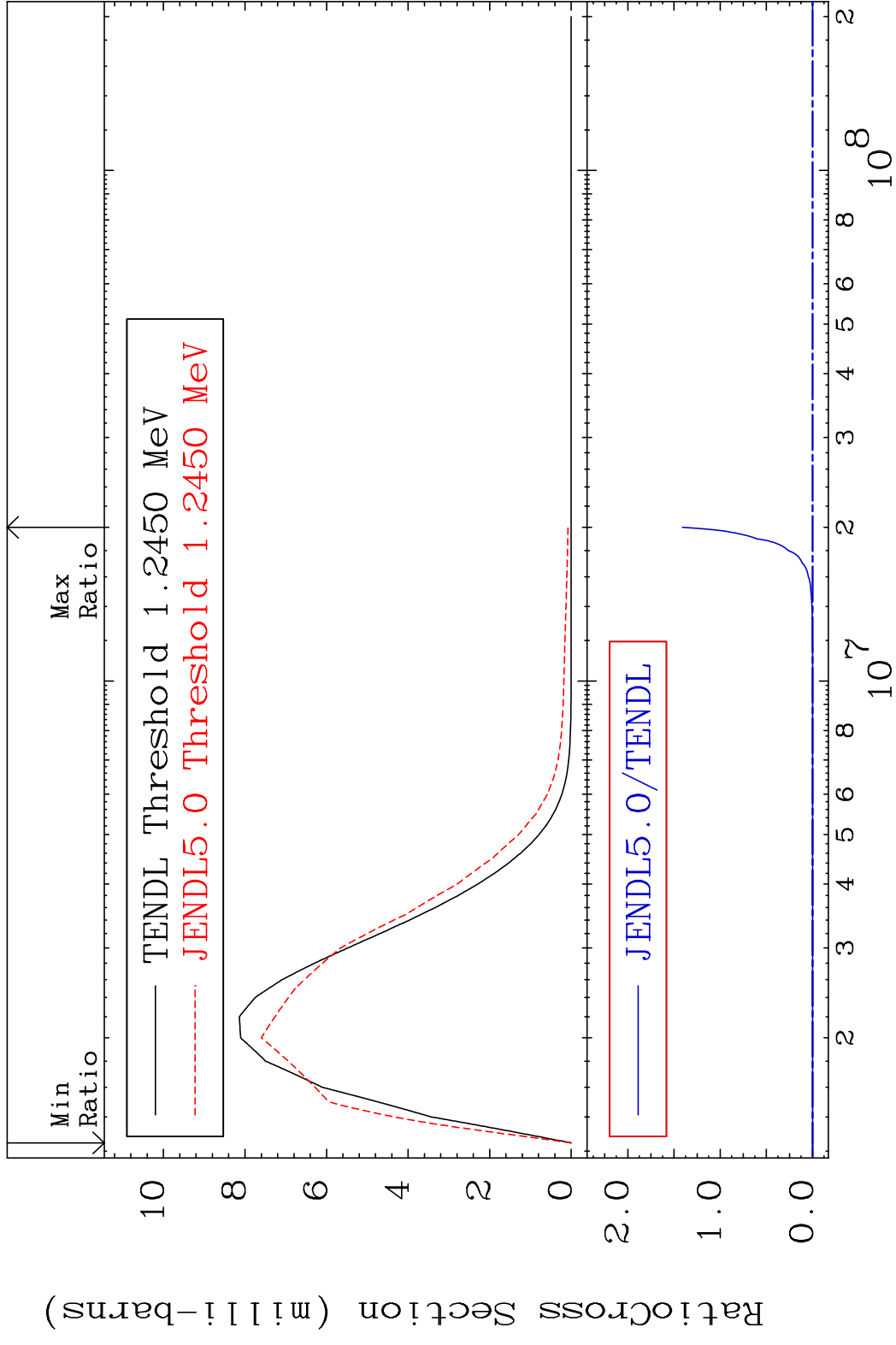
MAT 5247 MT= 73 (n, n') Level 52-Te-127m
 Cross Section -100.0 To 9999. %



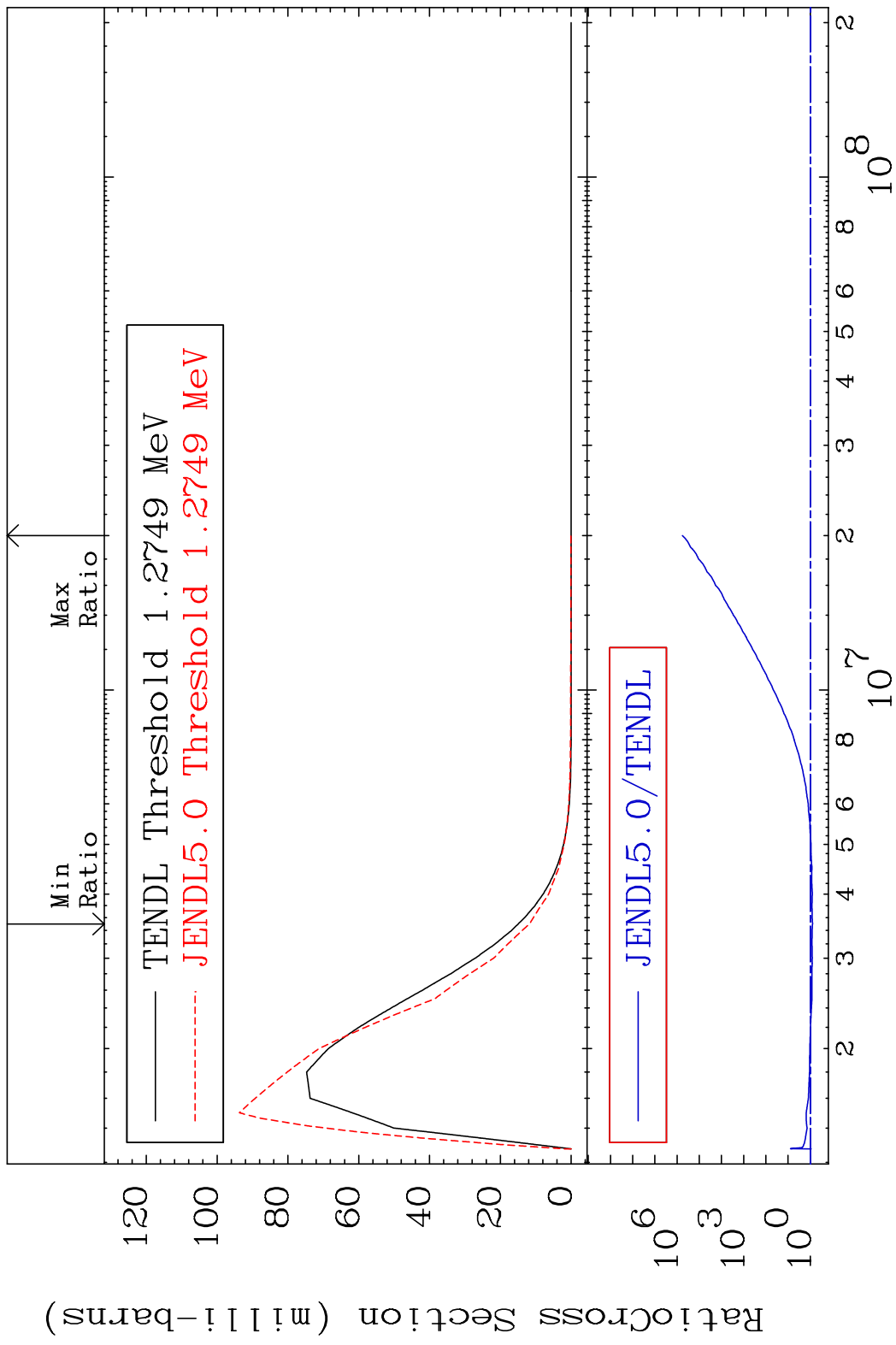
MAT 5247 MT= 74 (n, n') Level 52-Te-127m
 Cross Section -77.05 To 9999. %



MAT 5247 MT= 75 (n, n') Level 52-Te-127m
 Cross Section -100.0 To 9999. %



MAT 5247 MT= 76 (n, n') Level 52-Te-127m
 Cross Section -21.49 To 9999. %

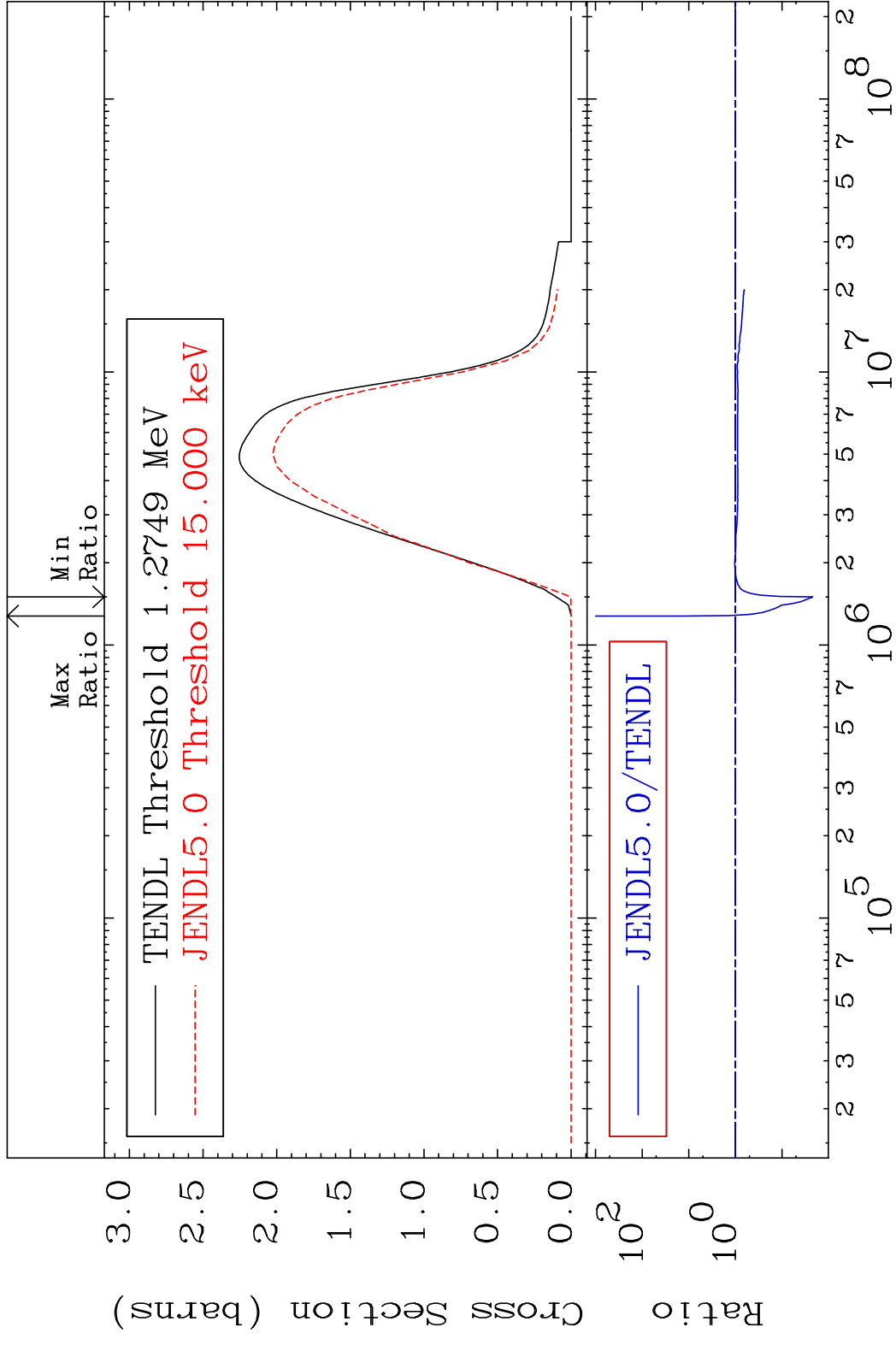


MAT 5247

(n,n') Continuum

52-Te-127m

Cross Section -97.79 To 1274. %

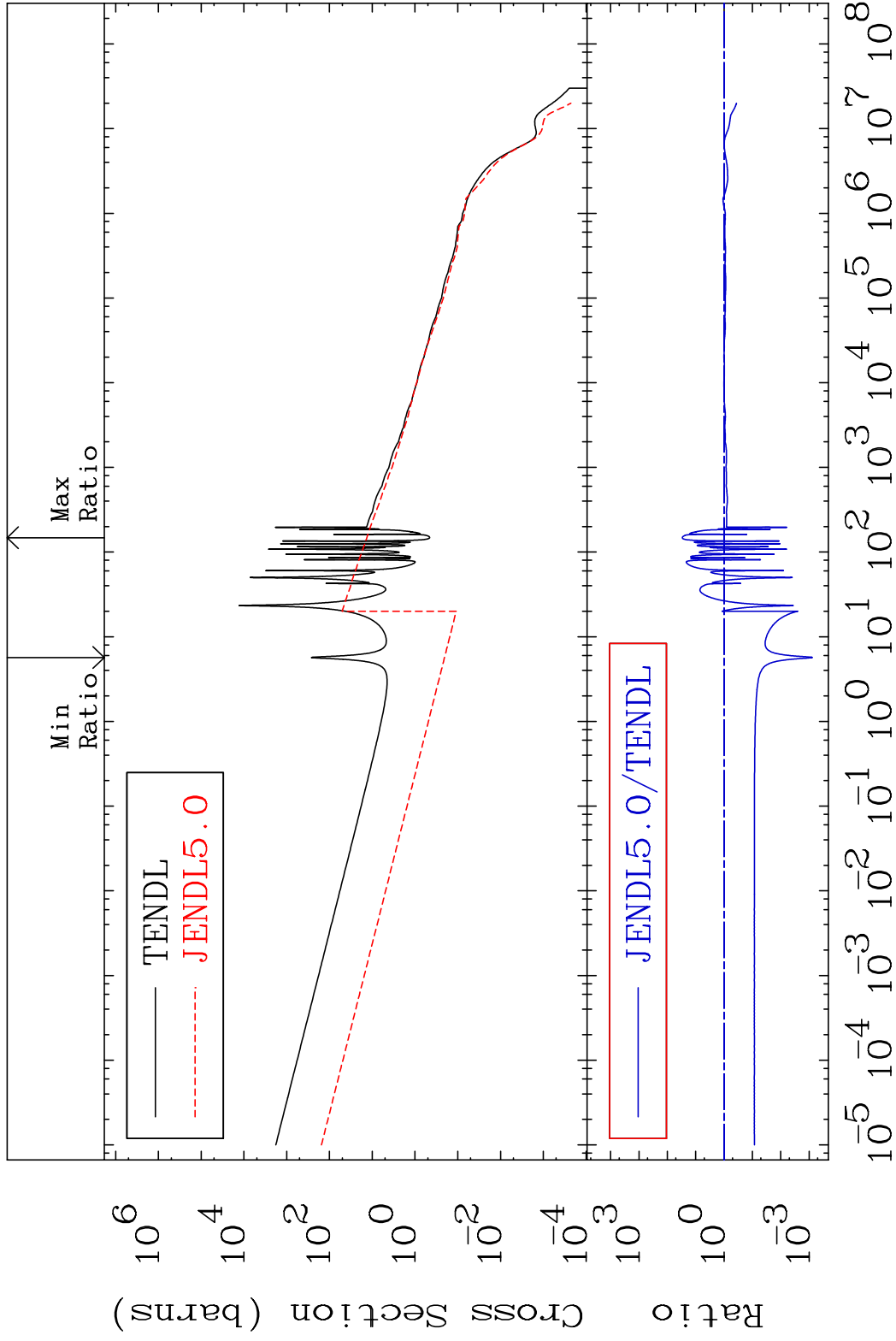


MAT 5247

(n, γ)

52-Te-127m

Cross Section -99.92 To 2849. %



37

Incident Energy (eV)

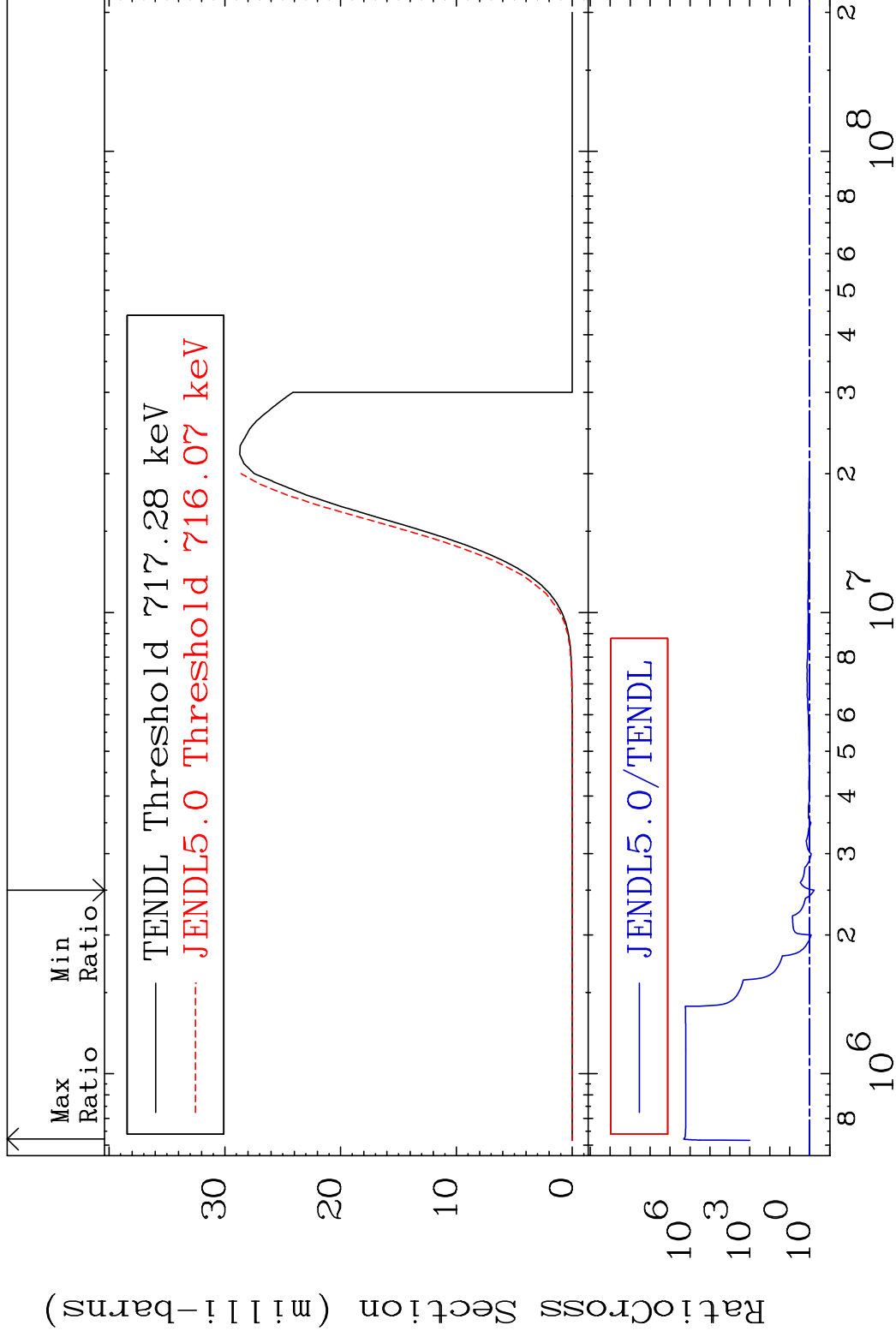
52-Te-127m

MAT 5247

(n,p)

52-Te-127m

Cross Section -40.02 To 9999. %



38

Incident Energy (eV)

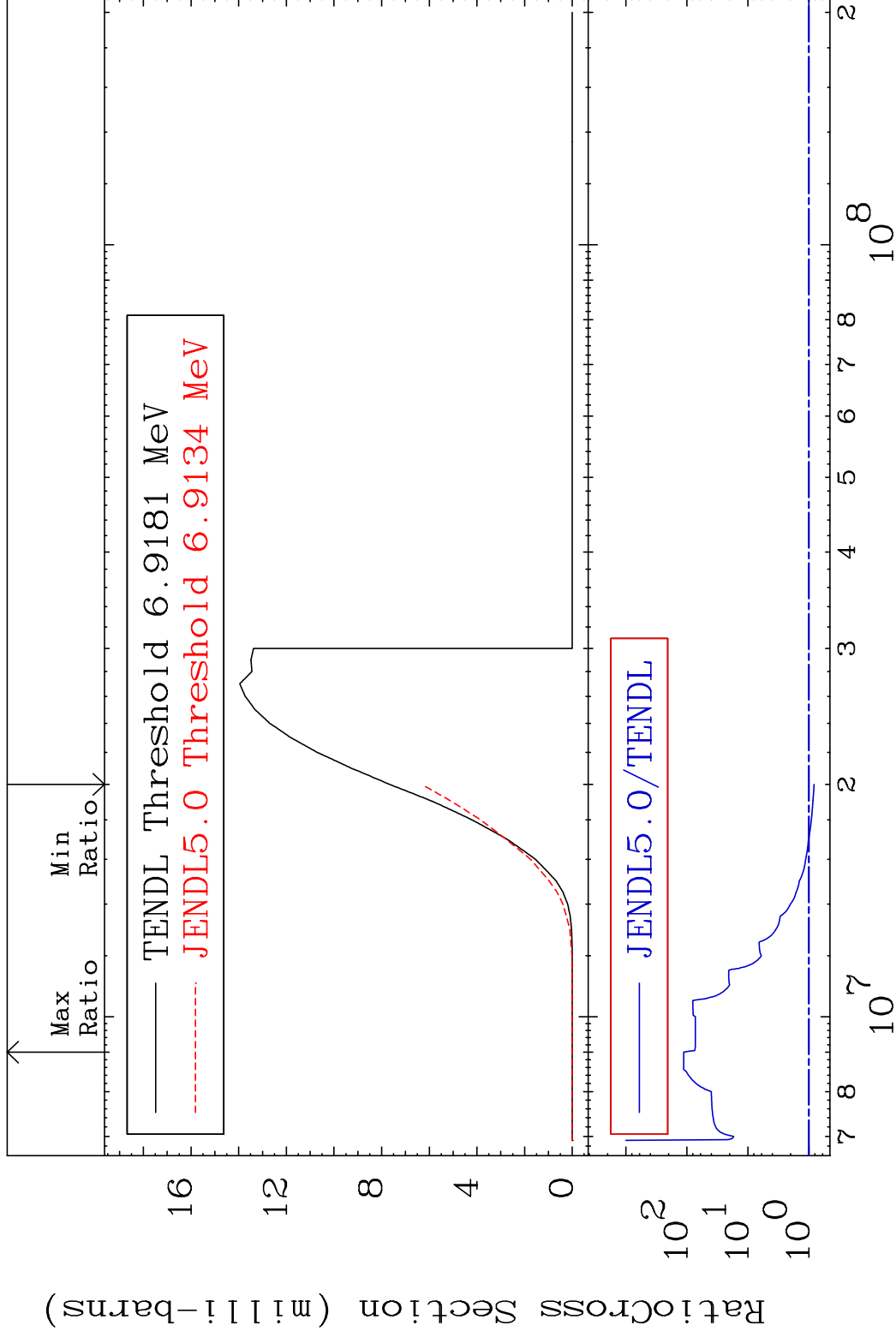
52-Te-127m

MAT 5247

(n,d)

52-Te-127m

Cross Section -17.56 To 9999. %



39

Incident Energy (eV)

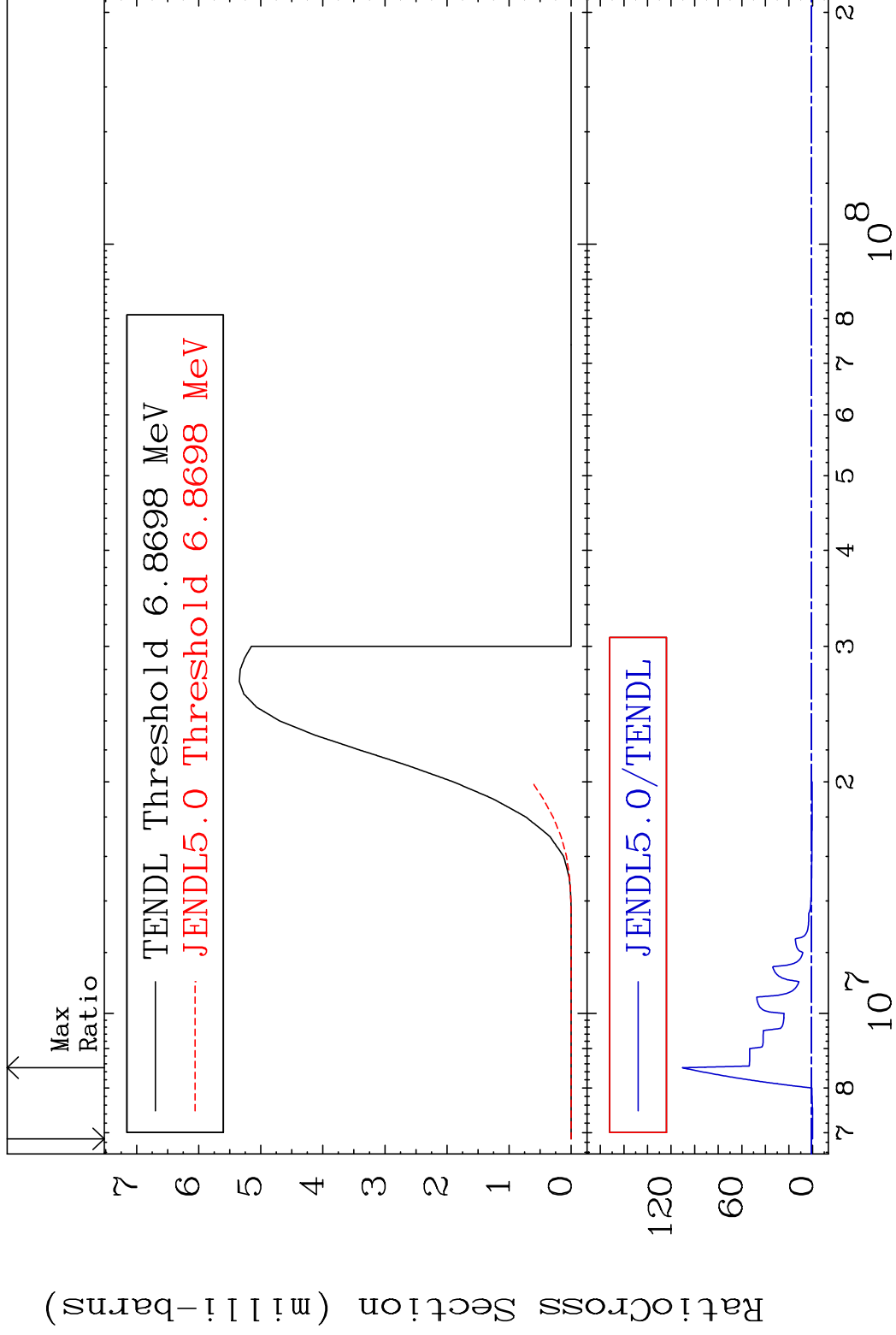
52-Te-127m

MAT 5247

(n, t)

52-Te-127m

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

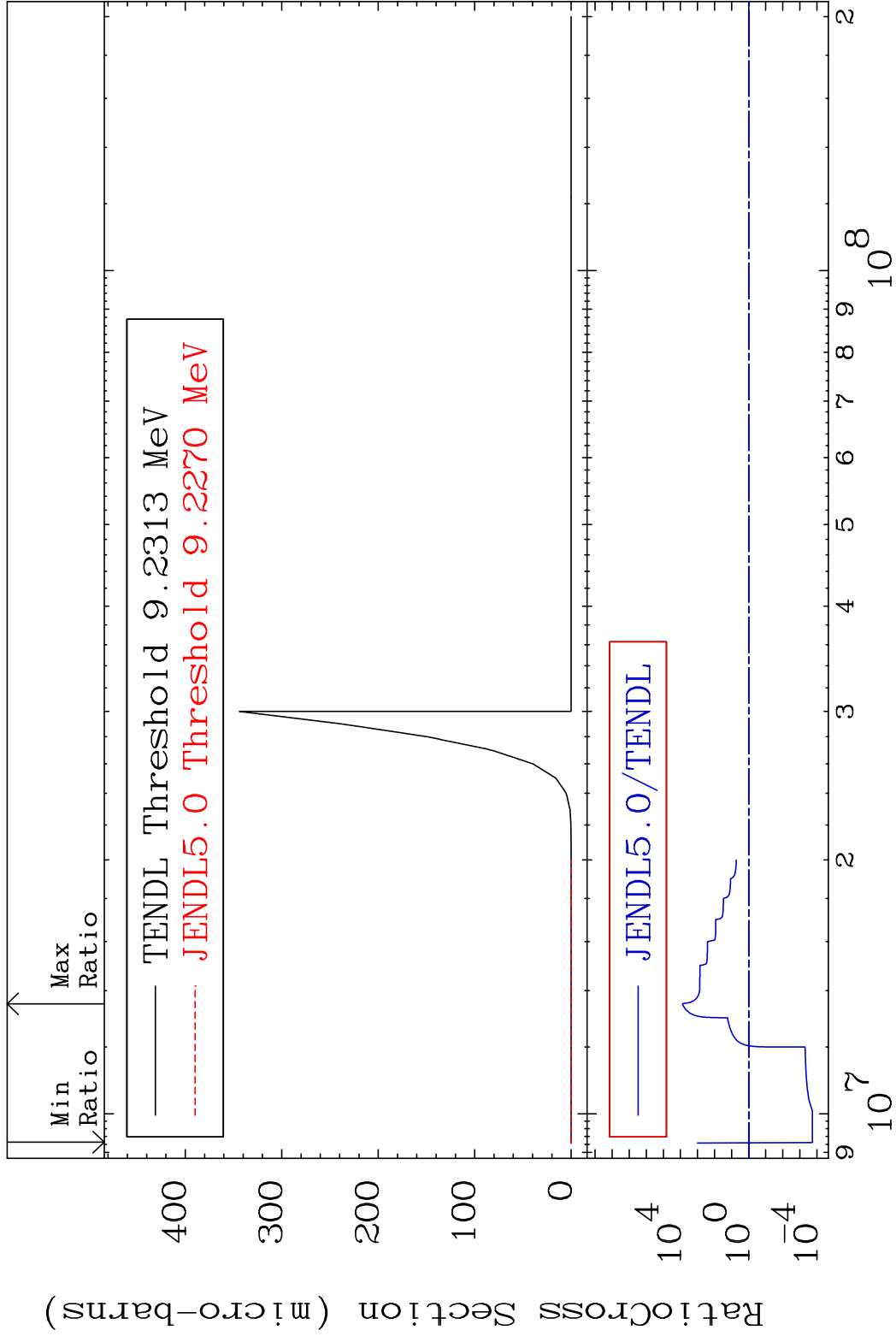
52-Te-127m

MAT 5247

(n, He-3)

52-Te-127m

Cross Section -99.98 To 9999. %



41

Incident Energy (eV)

52-Te-127m

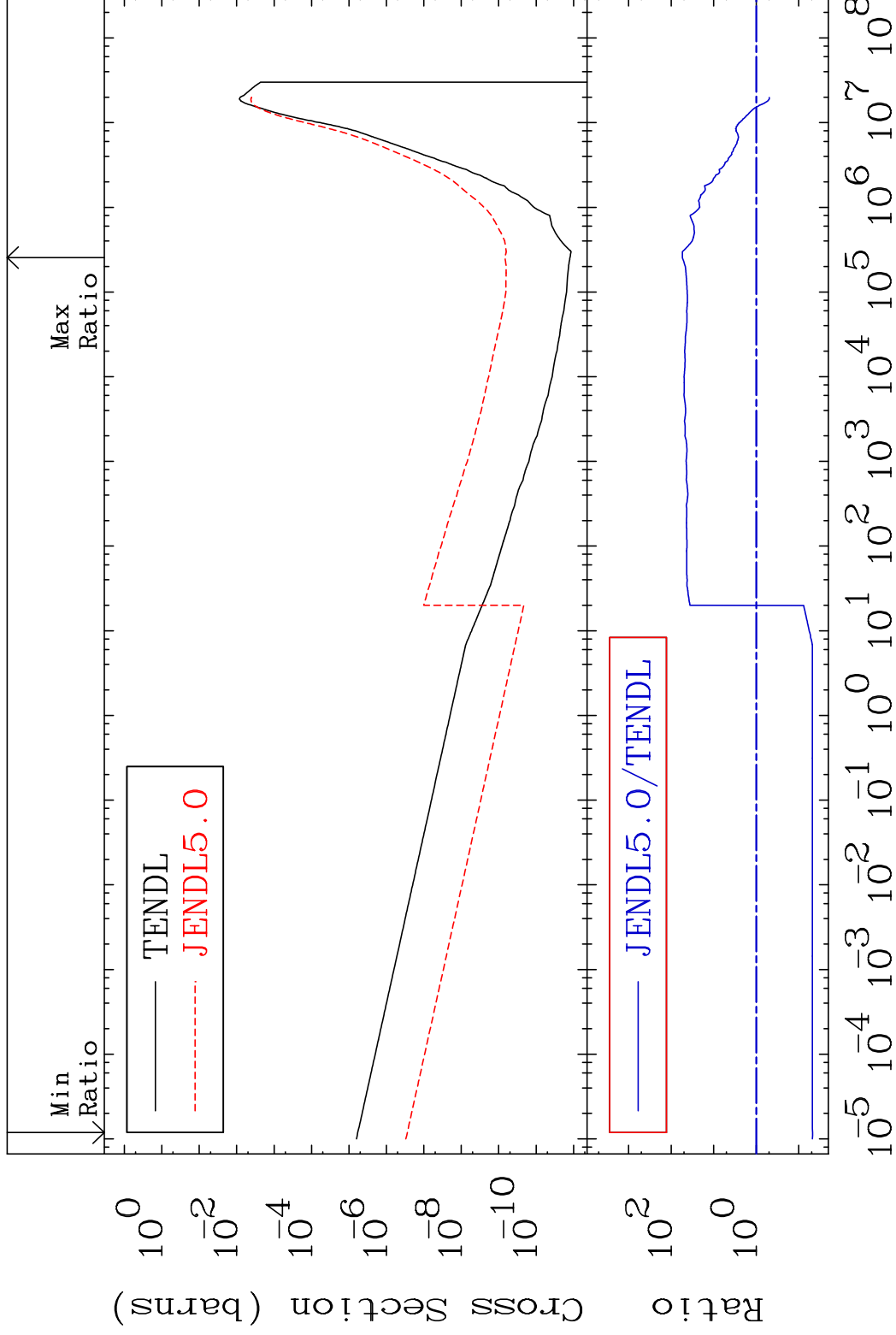
MAT 5247

(n, α)

52-Te-127m

Cross Section

-95.25 To 5341. %



42

Incident Energy (eV)

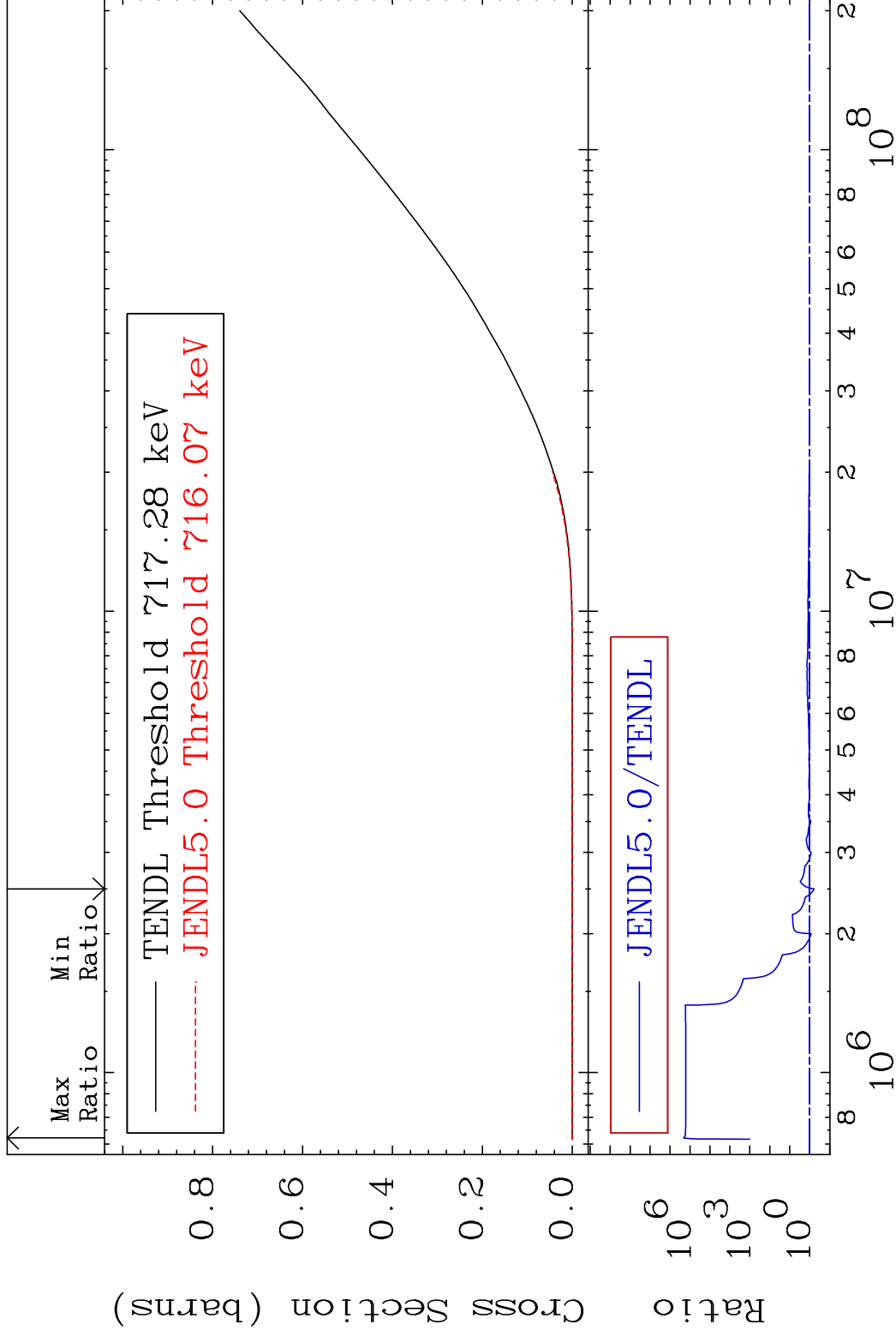
52-Te-127m

MAT 5247

Hydrogen Production

52-Te-127m

Cross Section -40.02 To 9999. %



43

Incident Energy (eV)

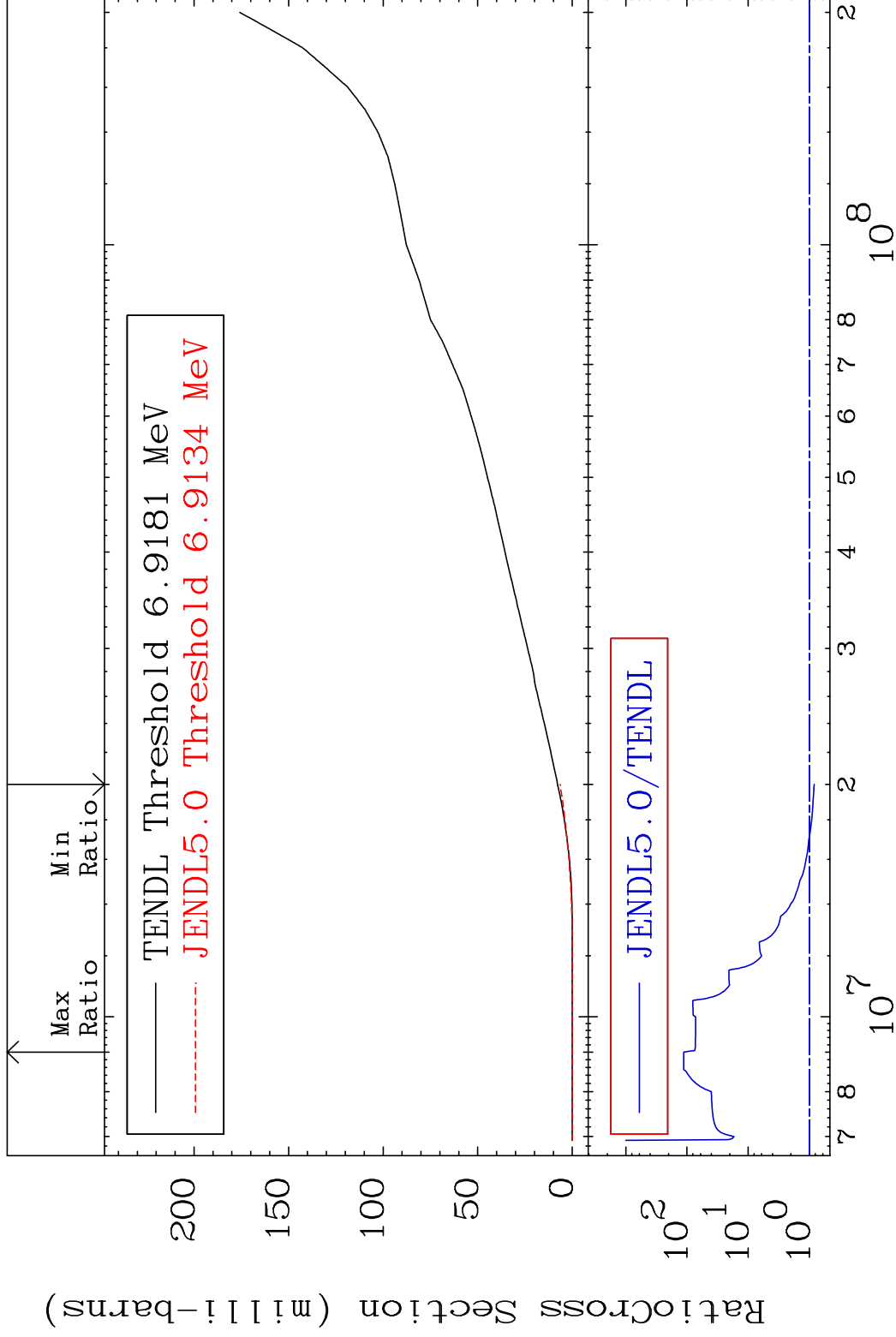
52-Te-127m

MAT 5247

Deuterium Production

52-Te-127m

Cross Section -16.50 To 9999. %

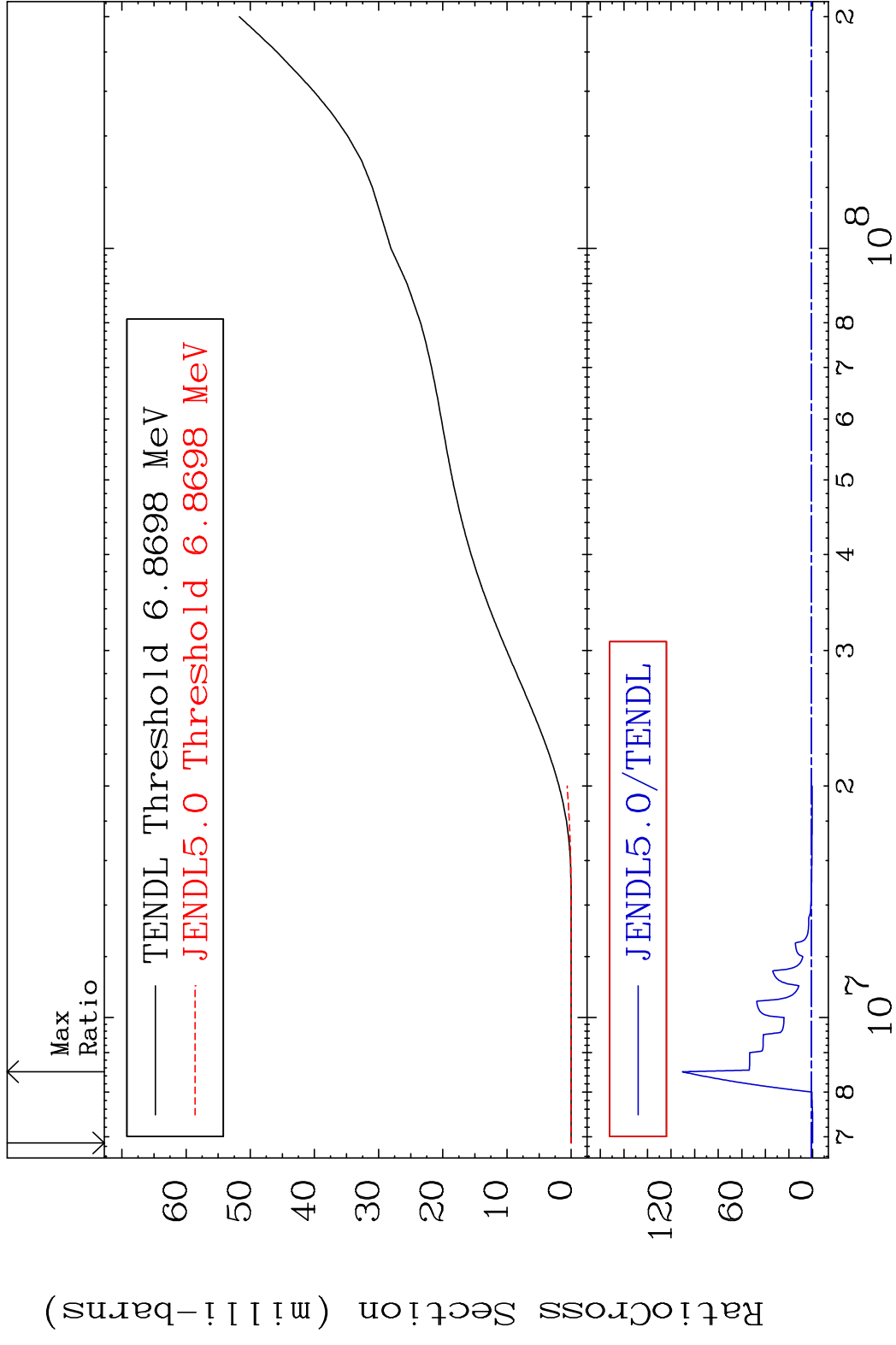


44

Incident Energy (eV)

52-Te-127m

MAT 5247 Tritium Production 52-Te-127m
 Cross Section -100.0 To 9999. %



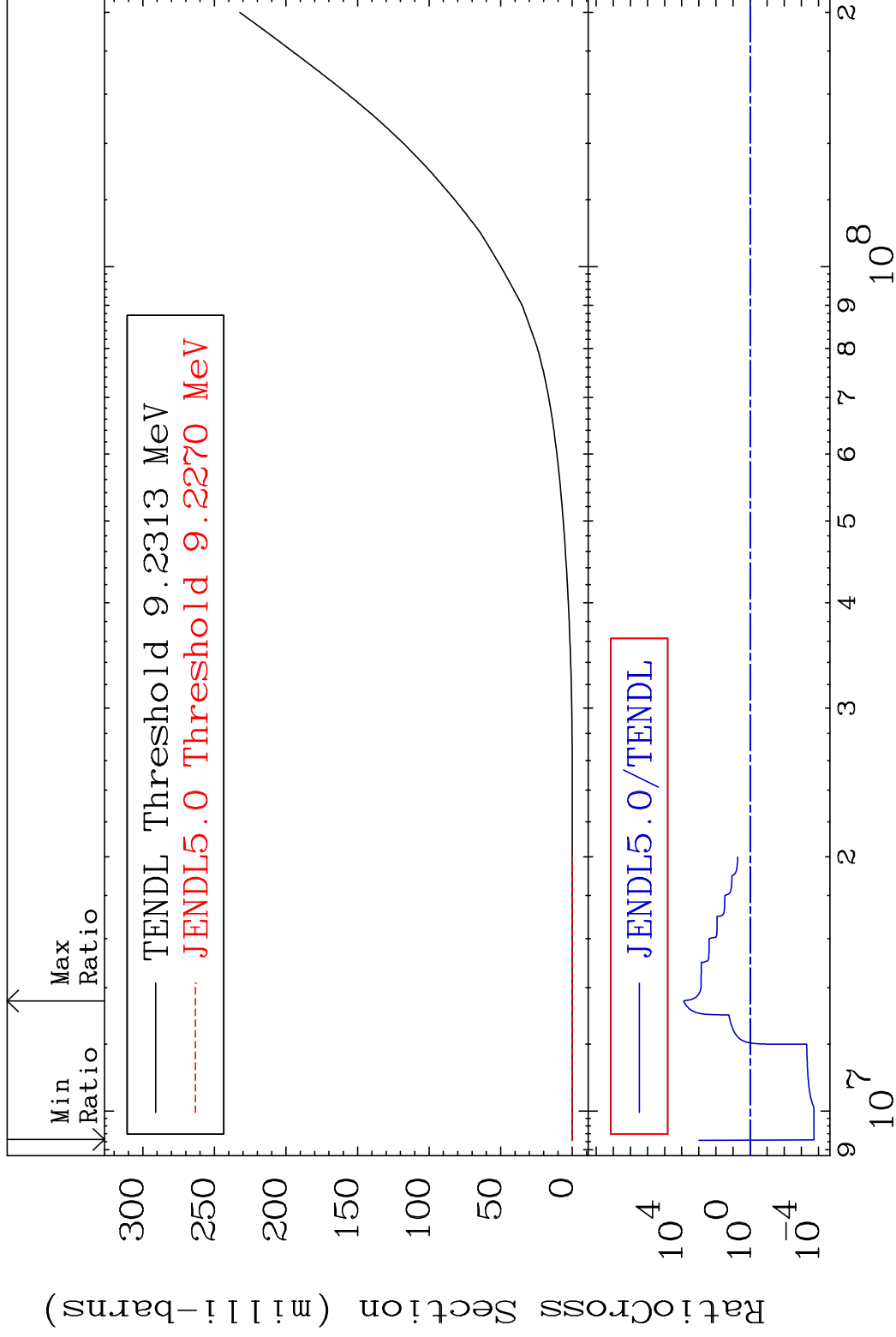
45 Incident Energy (eV) 52-Te-127m

MAT 5247

He-3 Production

52-Te-127m

Cross Section -99.98 To 9999. %



46

Incident Energy (eV)

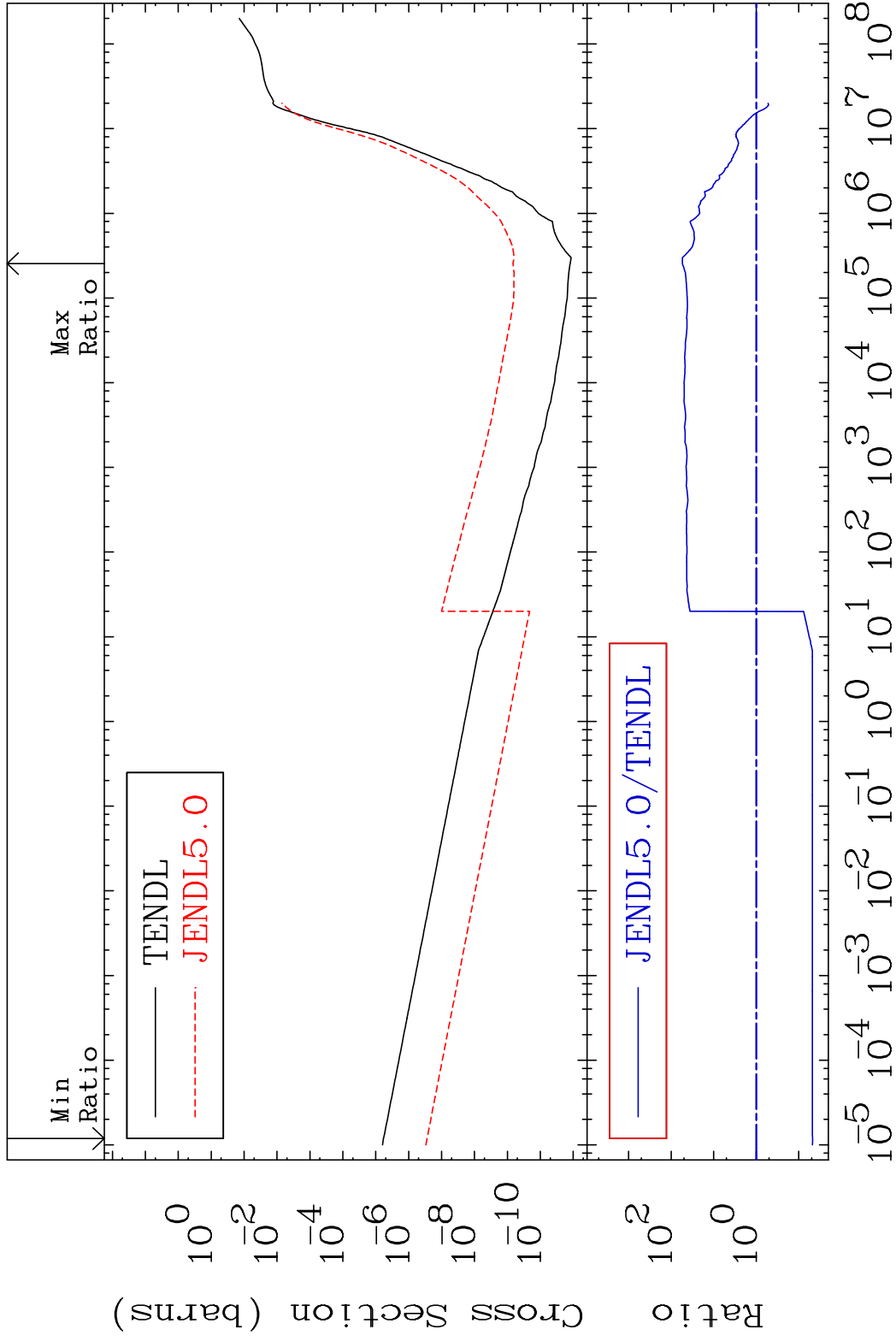
52-Te-127m

MAT 5247

He-4 Production

52-Te-127m

Cross Section -95.25 To 5341. %



47

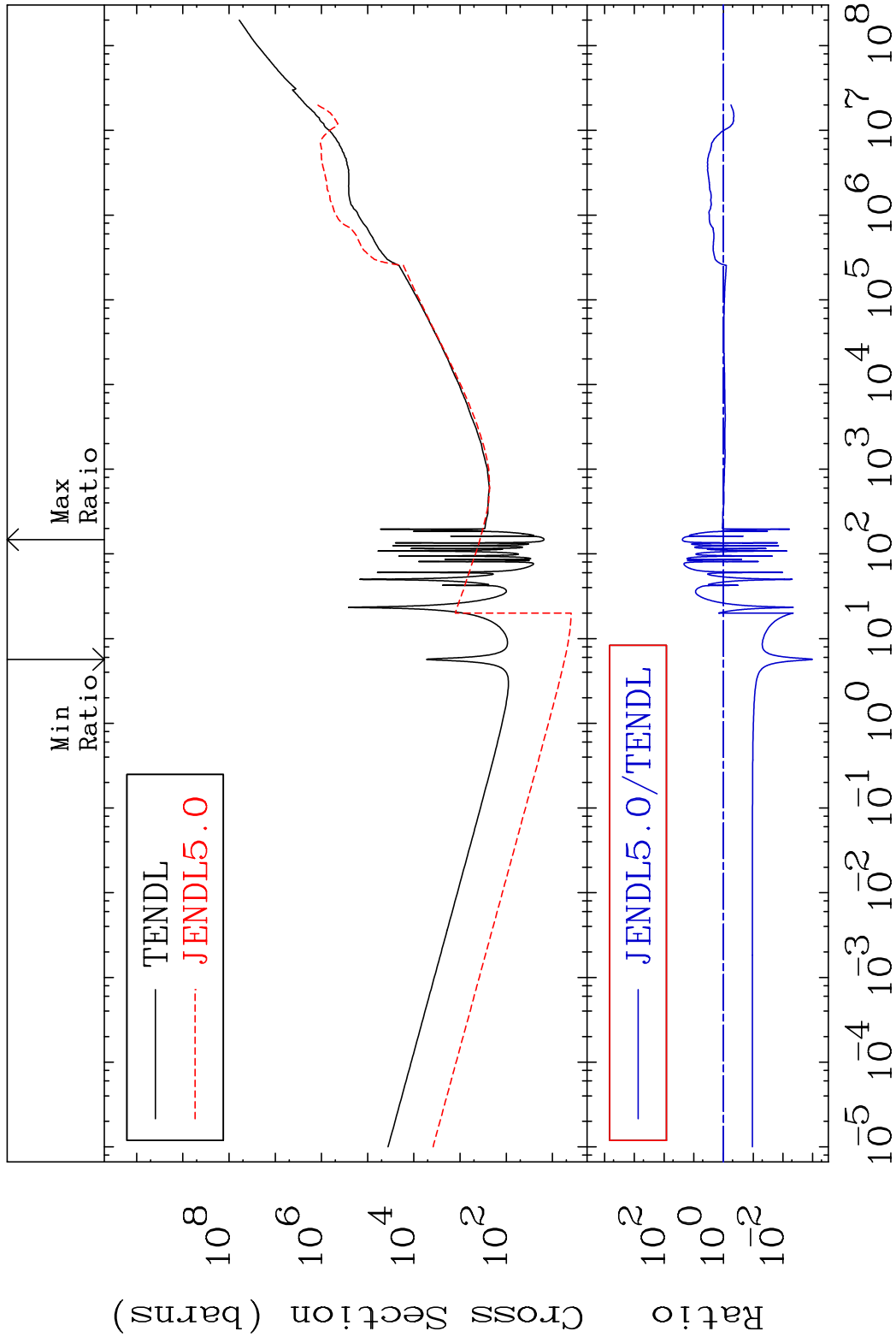
Incident Energy (eV)

52-Te-127m

MAT 5247

Kerma total (eV-barns) 52-Te-127m

Cross Section -99.90 To 2328. %



48

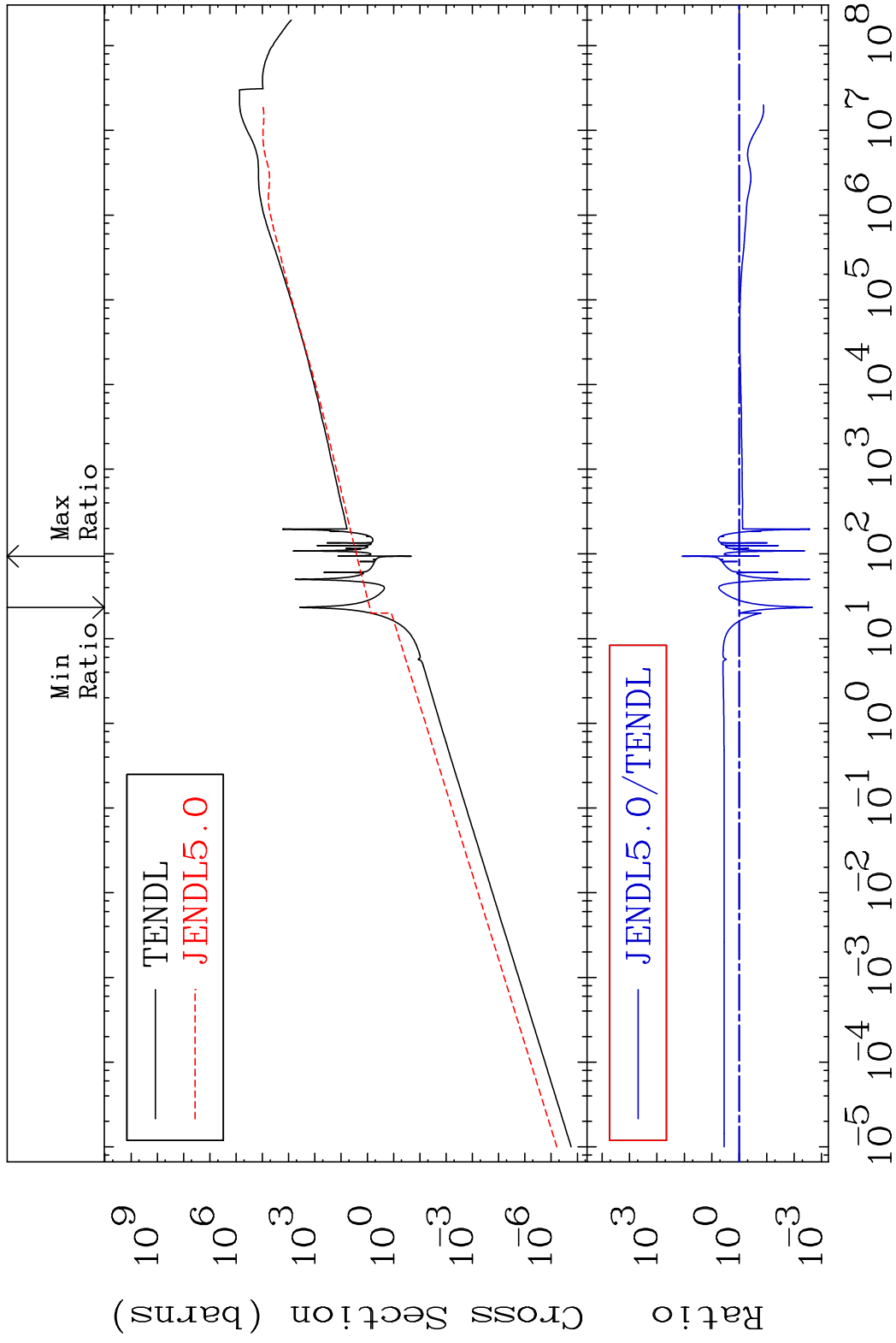
Incident Energy (eV)

52-Te-127m

MAT 5247

Kerma elastic
Cross Section

52-Te-127m
-99.79 To 9999. %

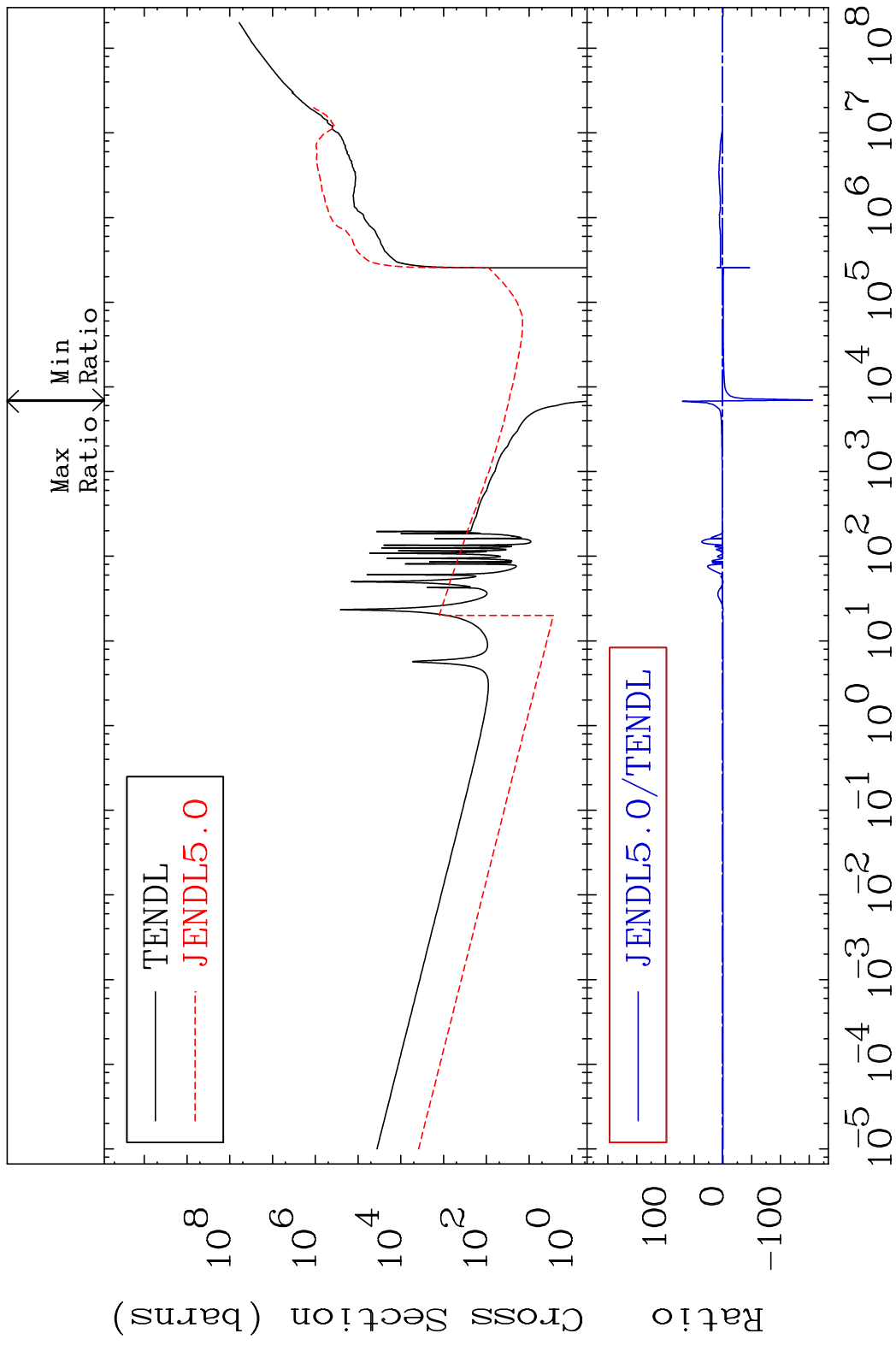


49

Incident Energy (eV)

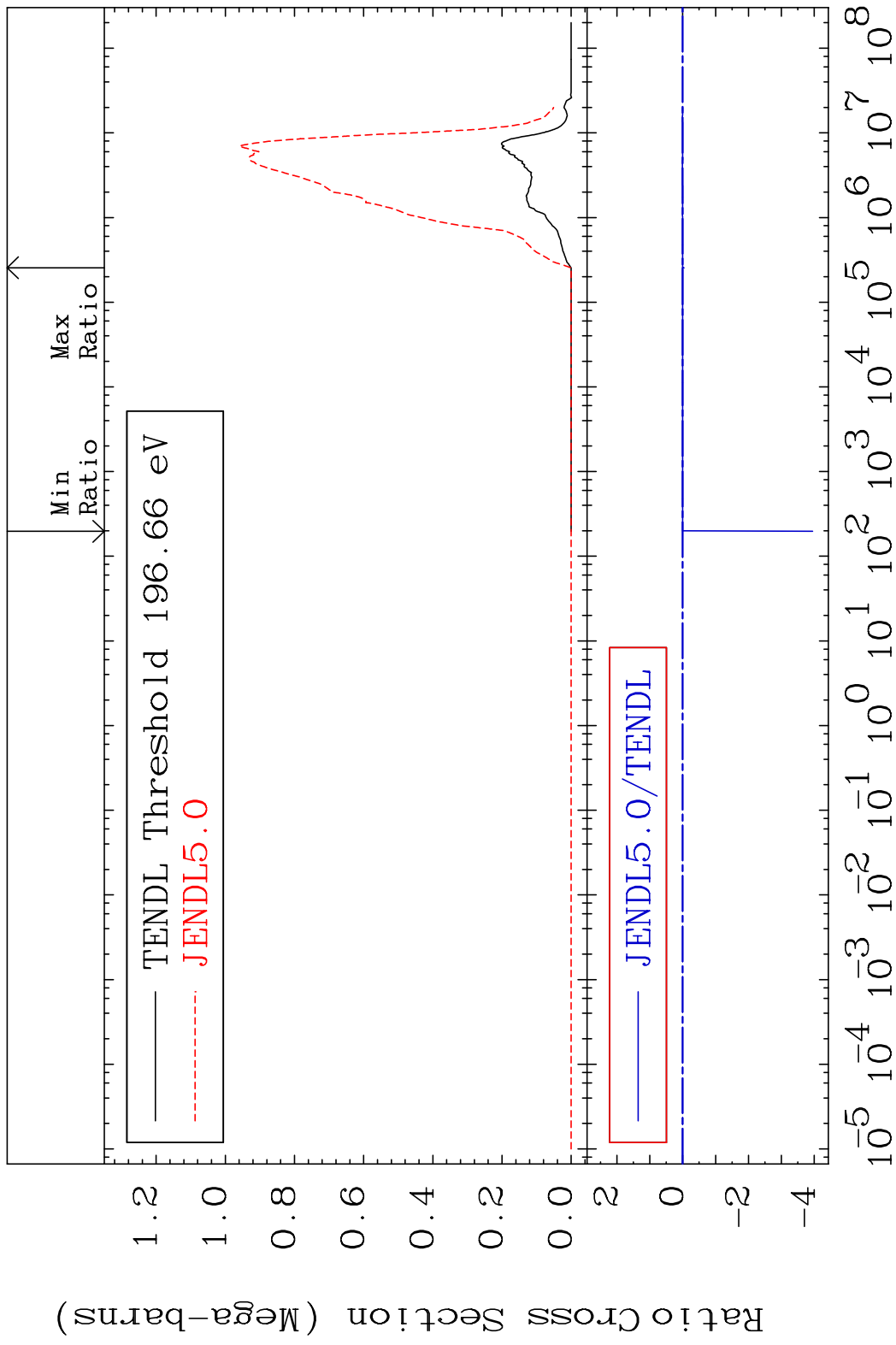
52-Te-127m

MAT 5247 Kerma non-elastic (all but mt2) 52-Te-127m
 Cross Section -9999. To 6960. %

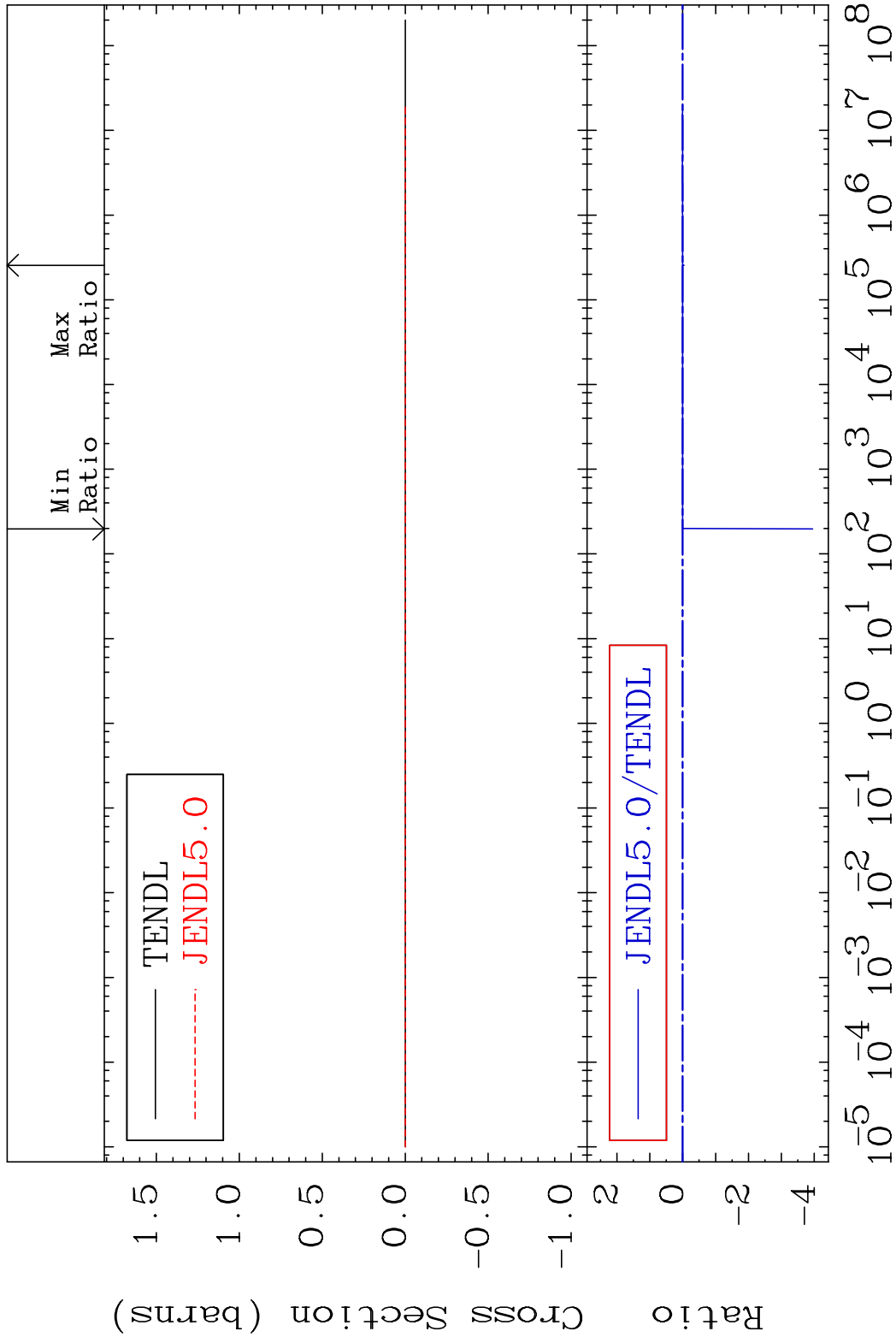


50 Incident Energy (eV) 52-Te-127m

MAT 5247 Kerma inelastic (mt51-91) 52-Te-127m
 Cross Section -9999. To 962.4 %

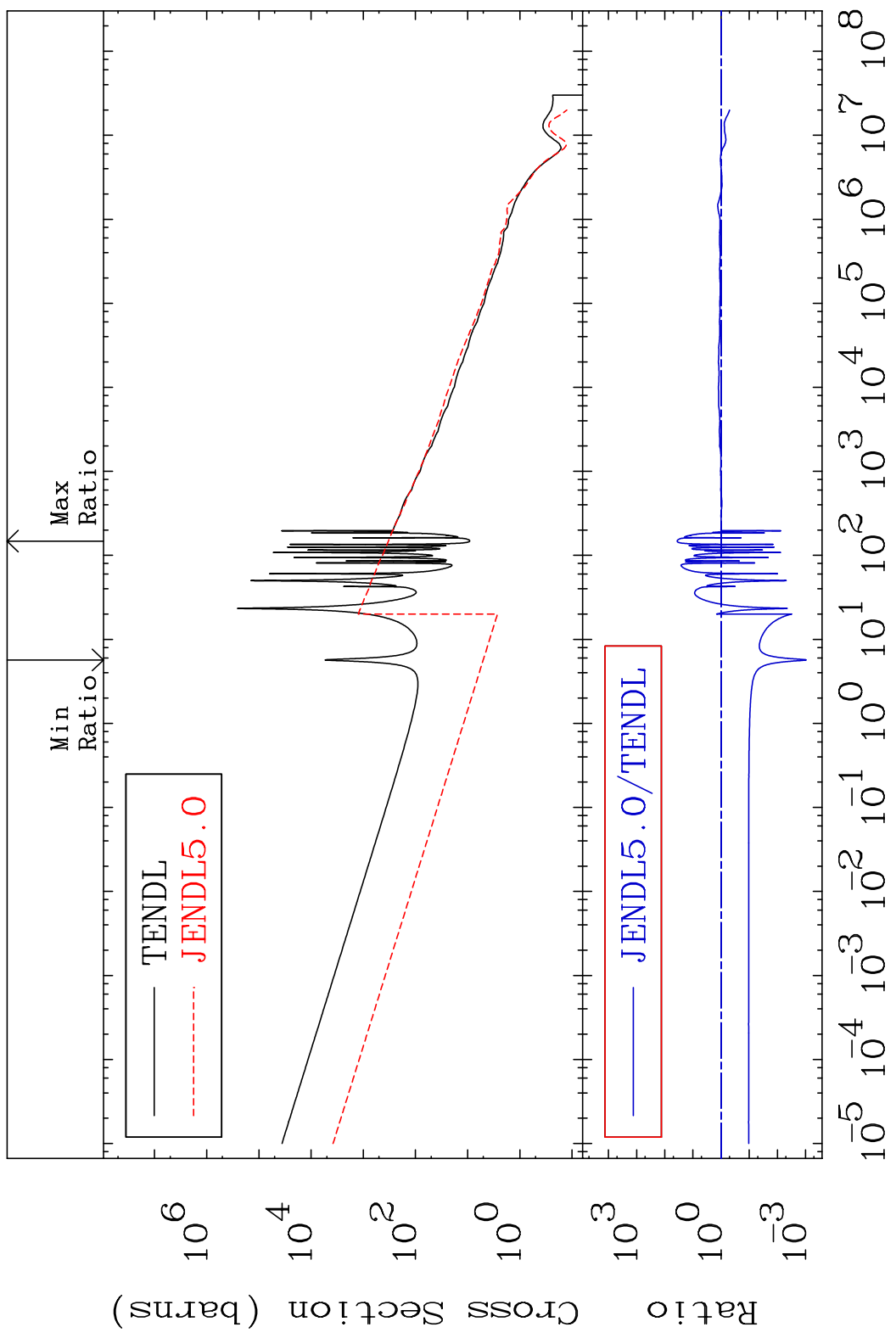


MAT 5247 Kerma fission (mt18 or mt19-20-21-35) ~~Te-127m~~
 Cross Section -9999. To 962.4 %



MAT 5247

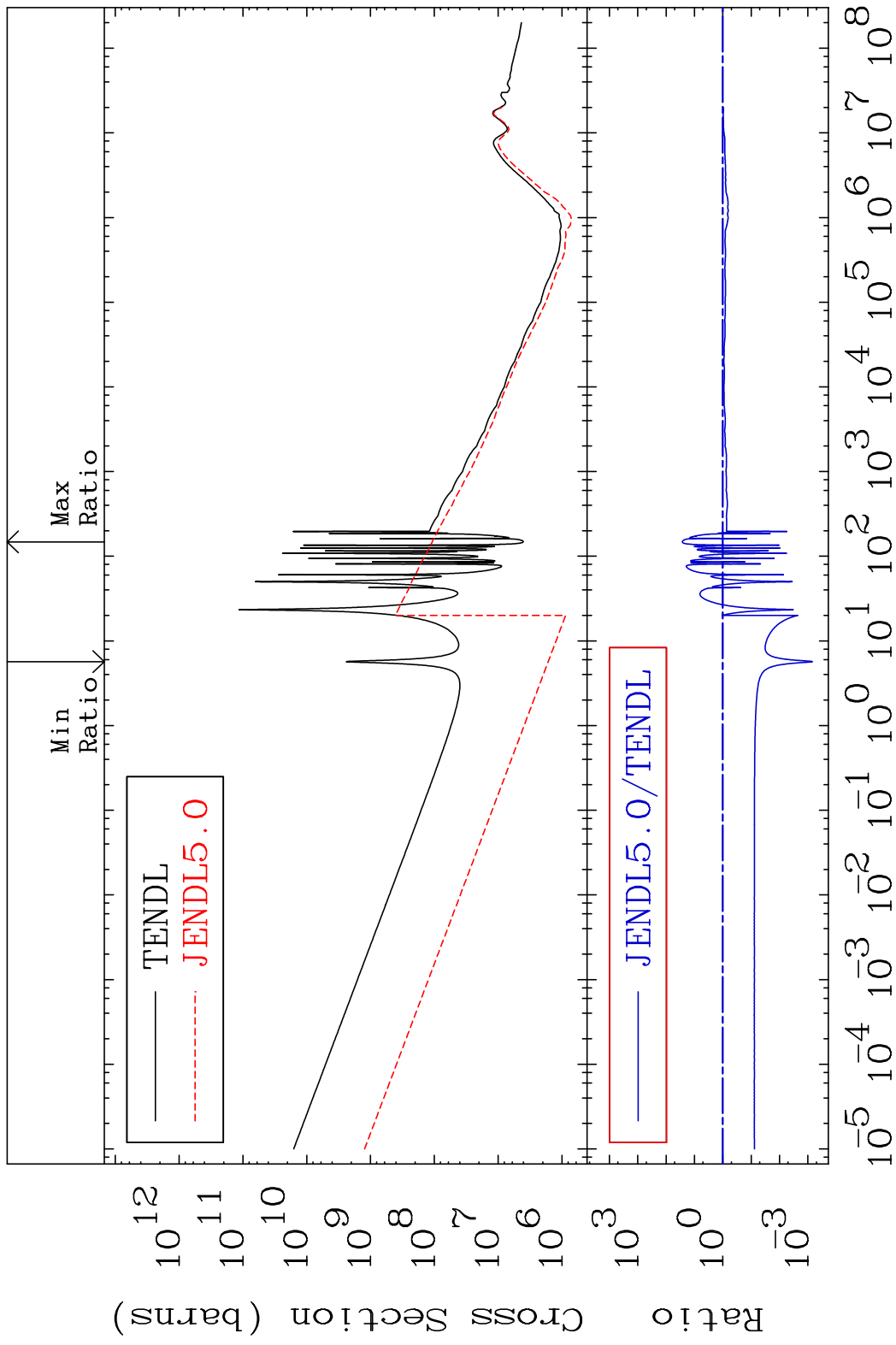
Kerma capture (mt102) 52-Te-127m
Cross Section -99.91 To 3532. %



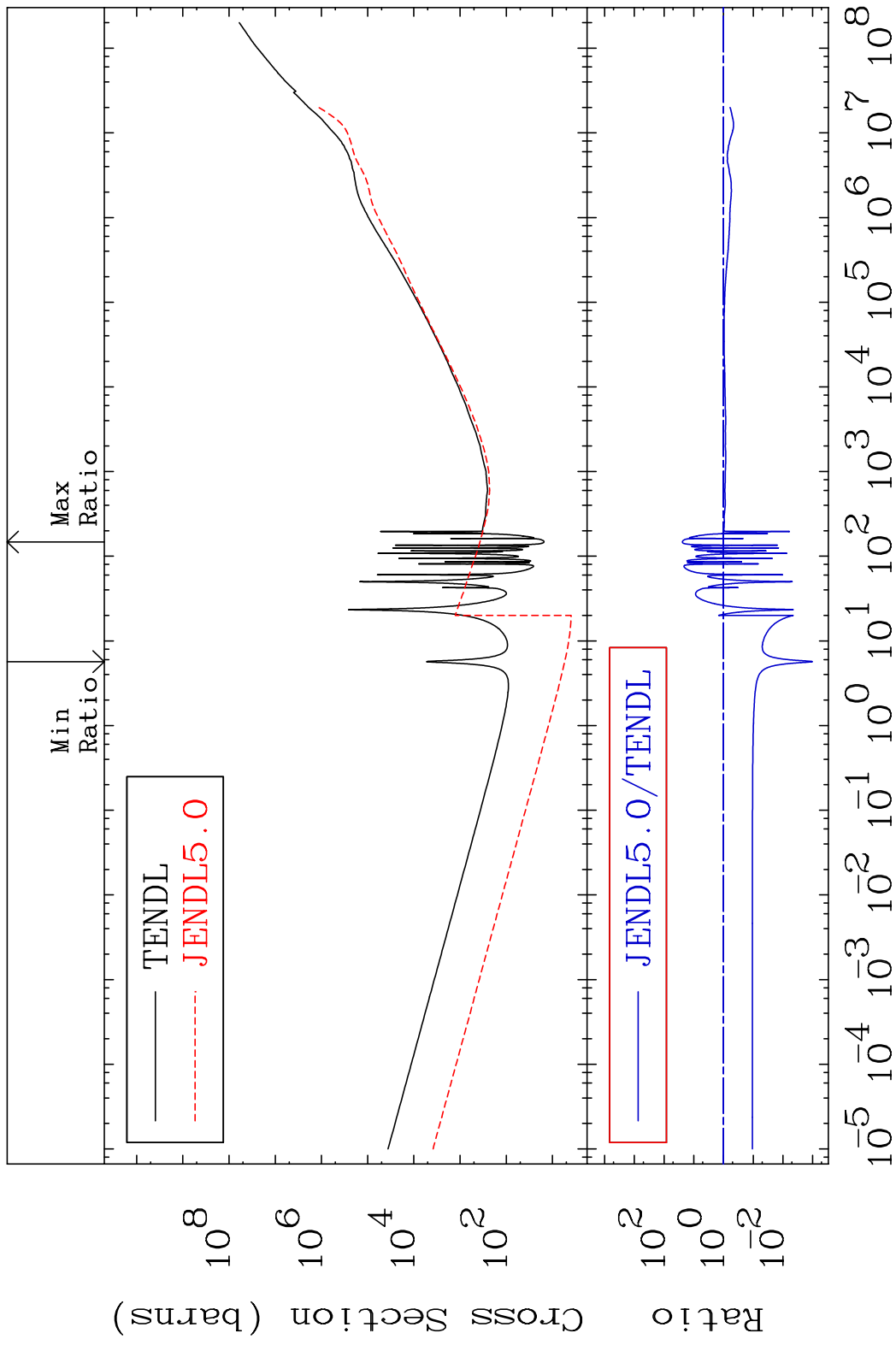
53

Incident Energy (eV) 52-Te-127m

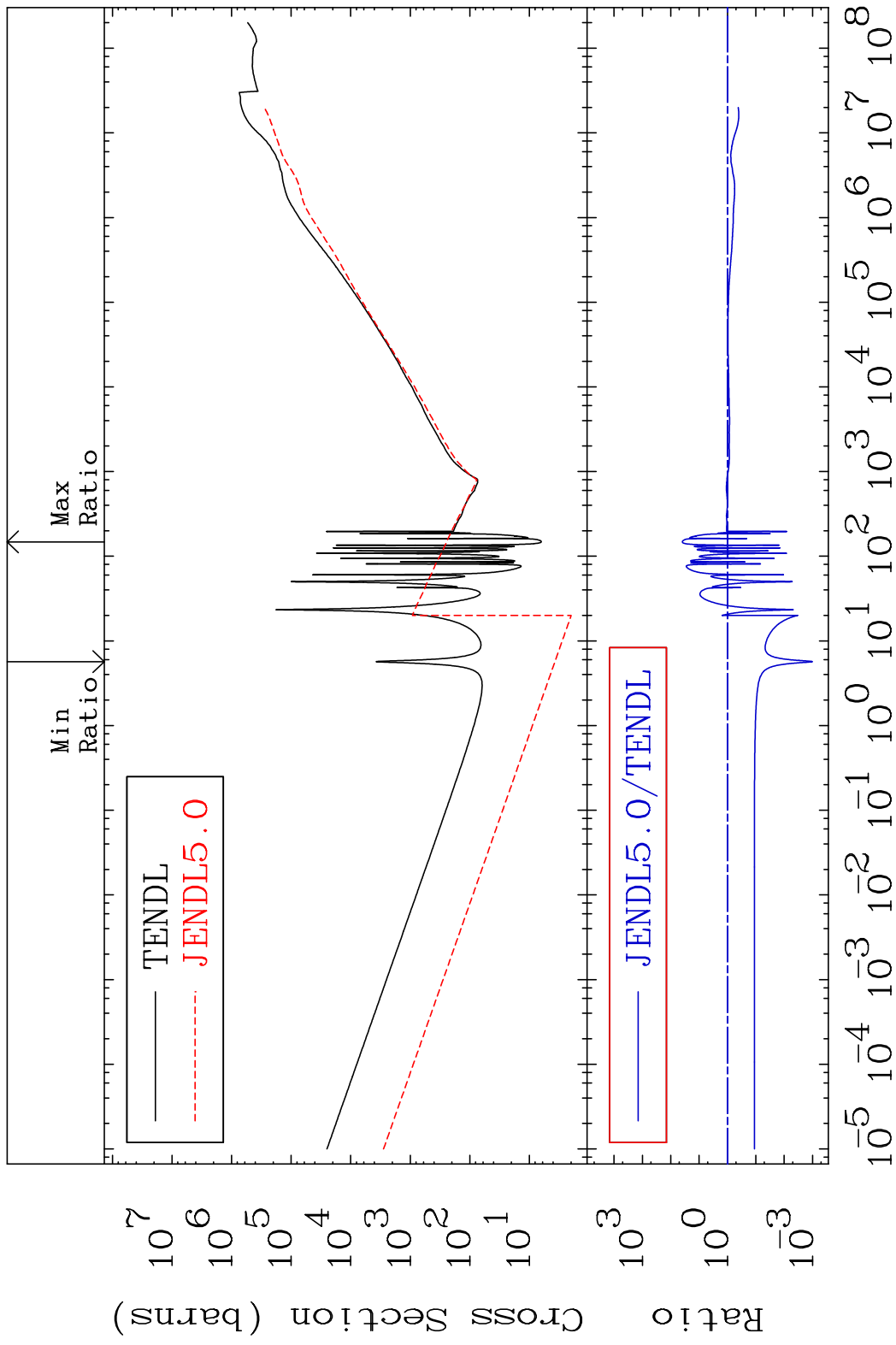
MAT 5247 Total photon (eV-barns) 52-Te-127m
 Cross Section -99.93 To 2574. %



MAT 5247 Total kinematic kerma (high limit)52-Te-127m
 Cross Section -99.90 To 2328. %



MAT 5247 Dpa total (eV-barns) 52-Te-127m
 Cross Section -99.90 To 3793. %



56 Incident Energy (eV) 52-Te-127m

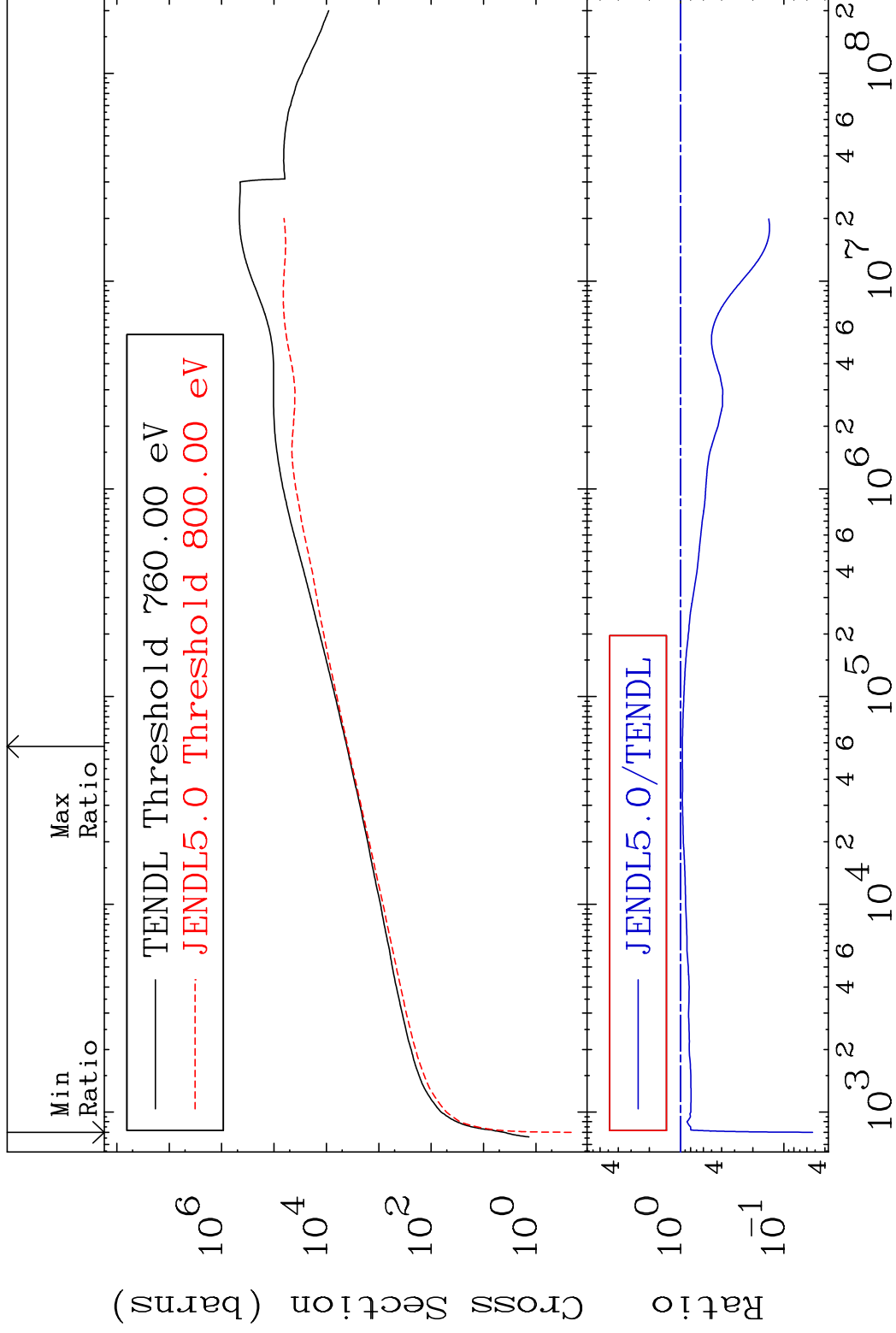
MAT 5247

Dpa elastic (mt2)

52-Te-127m

Cross Section

-94.72 To -4.113%



57

Incident Energy (eV)

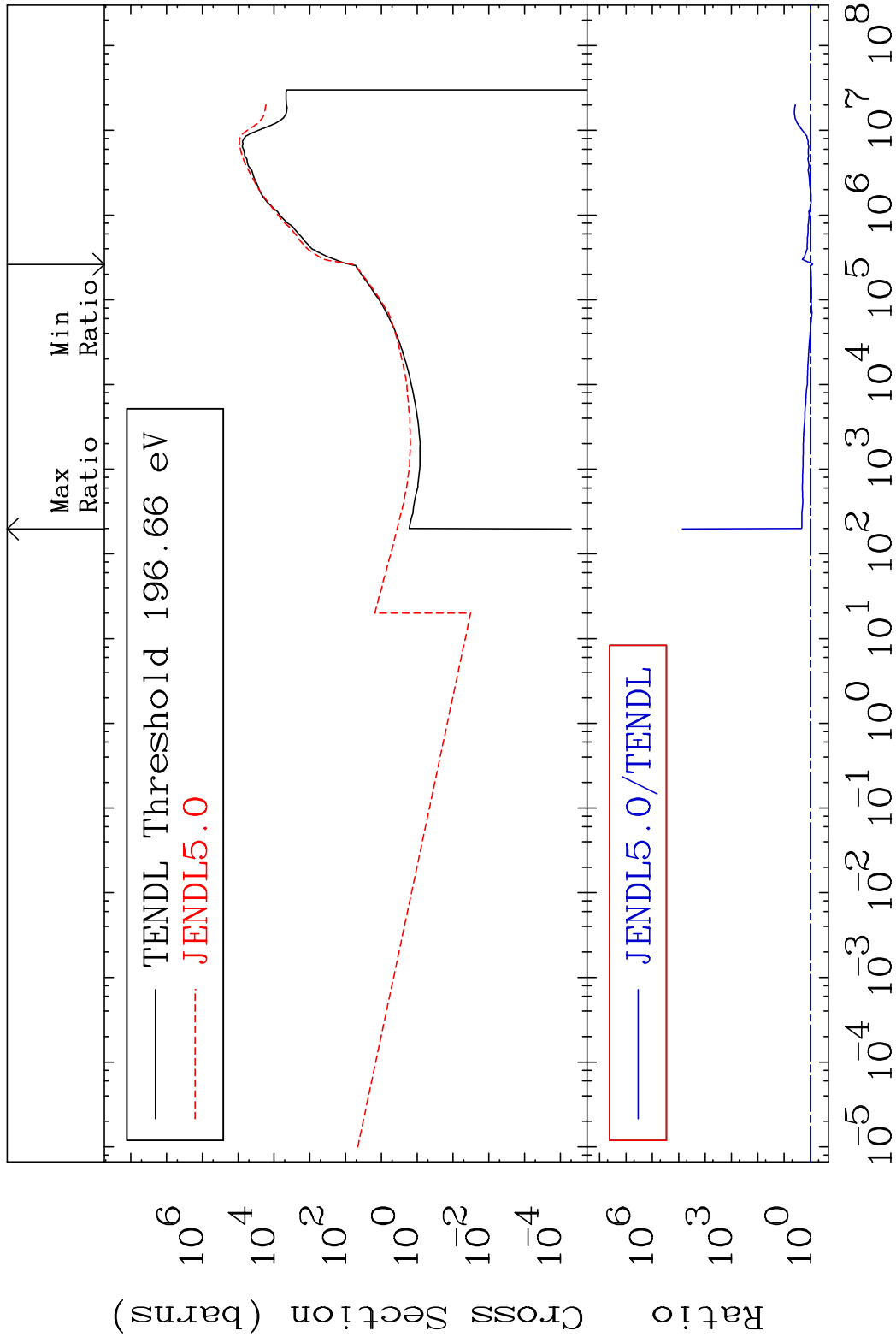
52-Te-127m

MAT 5247

Dpa inelastic (mt51-91)

52-Te-127m

Cross Section -16.35 To 9999. %

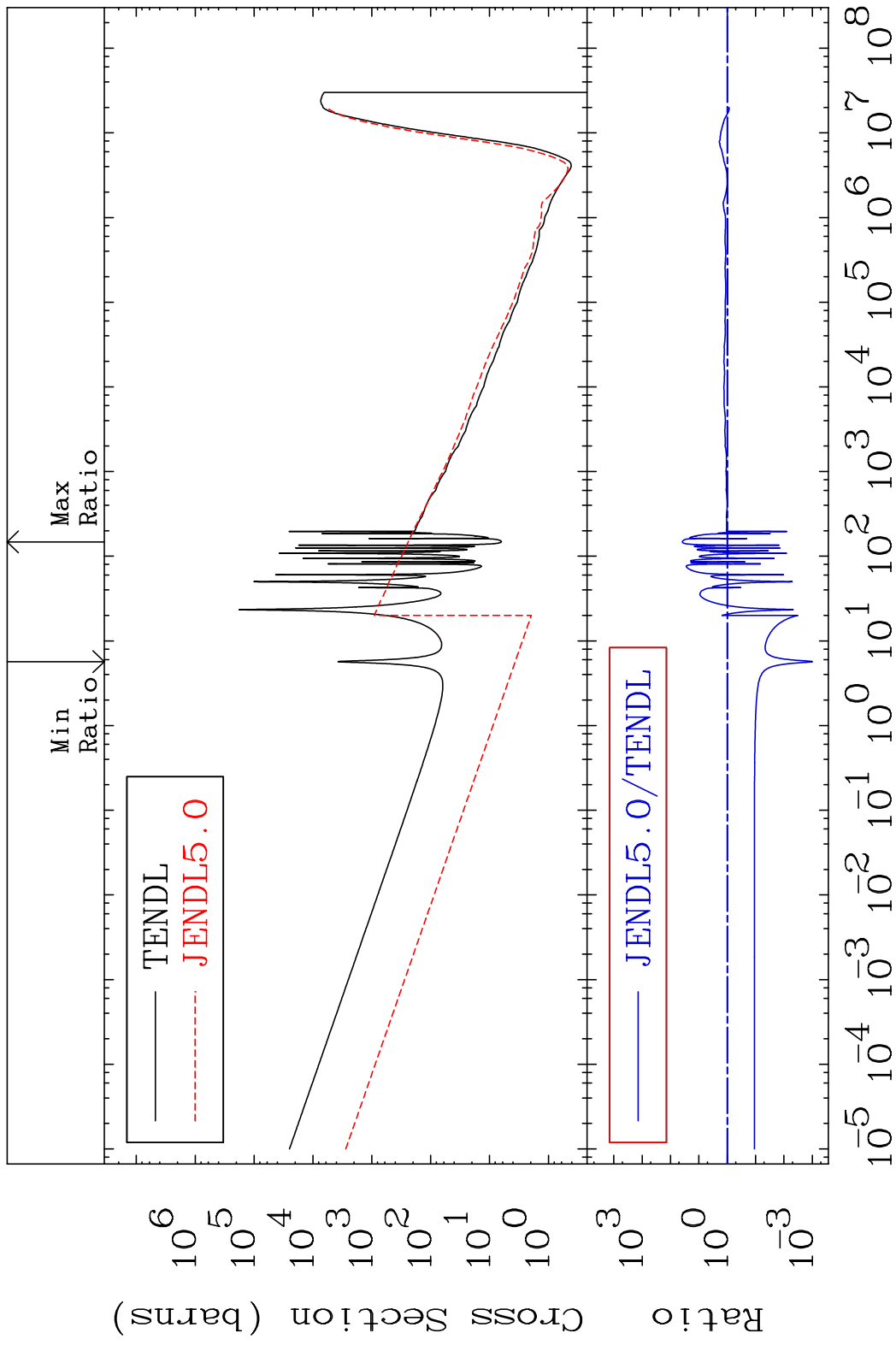


58

Incident Energy (eV)

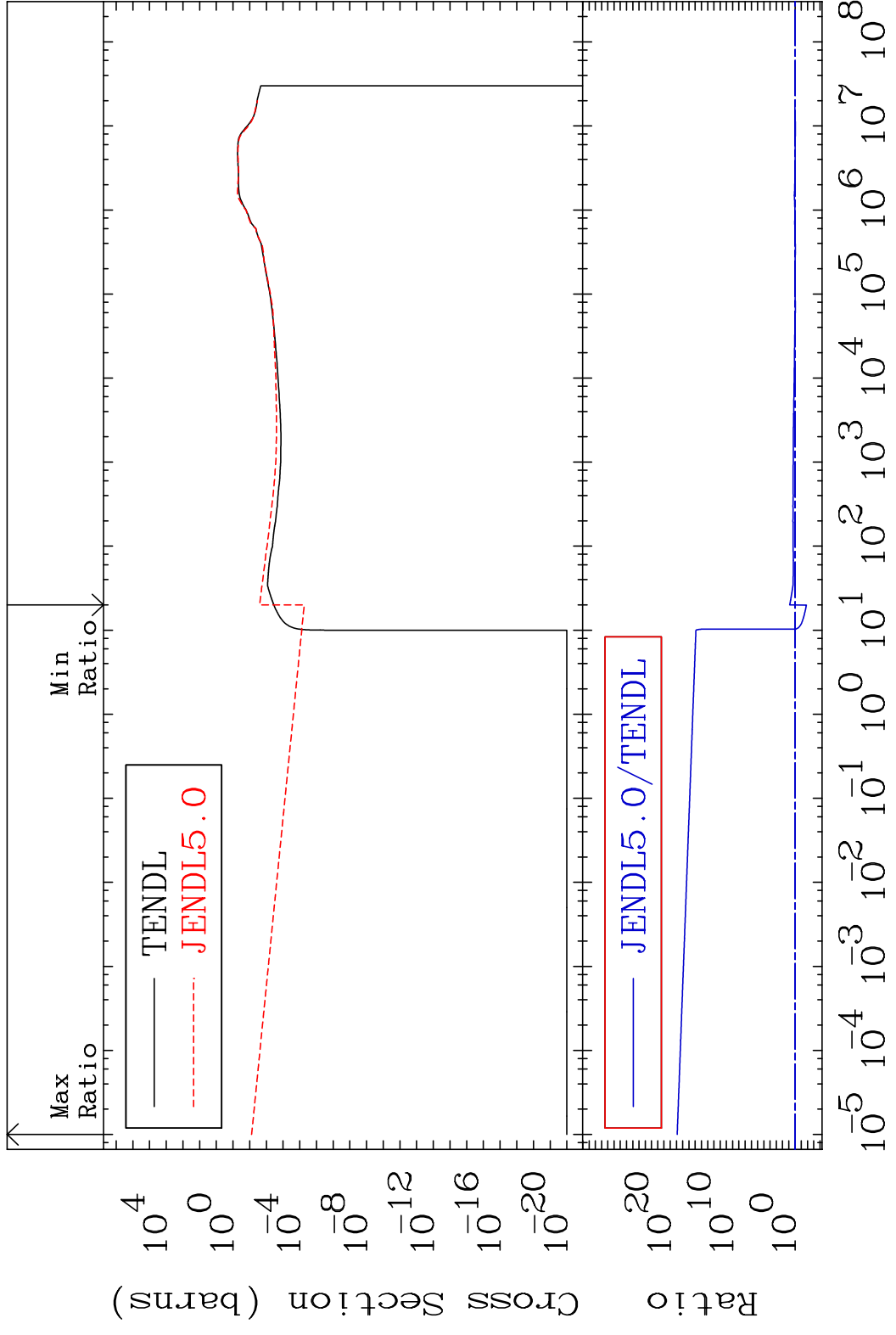
52-Te-127m

MAT 5247 Dpa disappearance (mt102 -120) 52-Te-127m
 Cross Section -99.90 To 3725. %



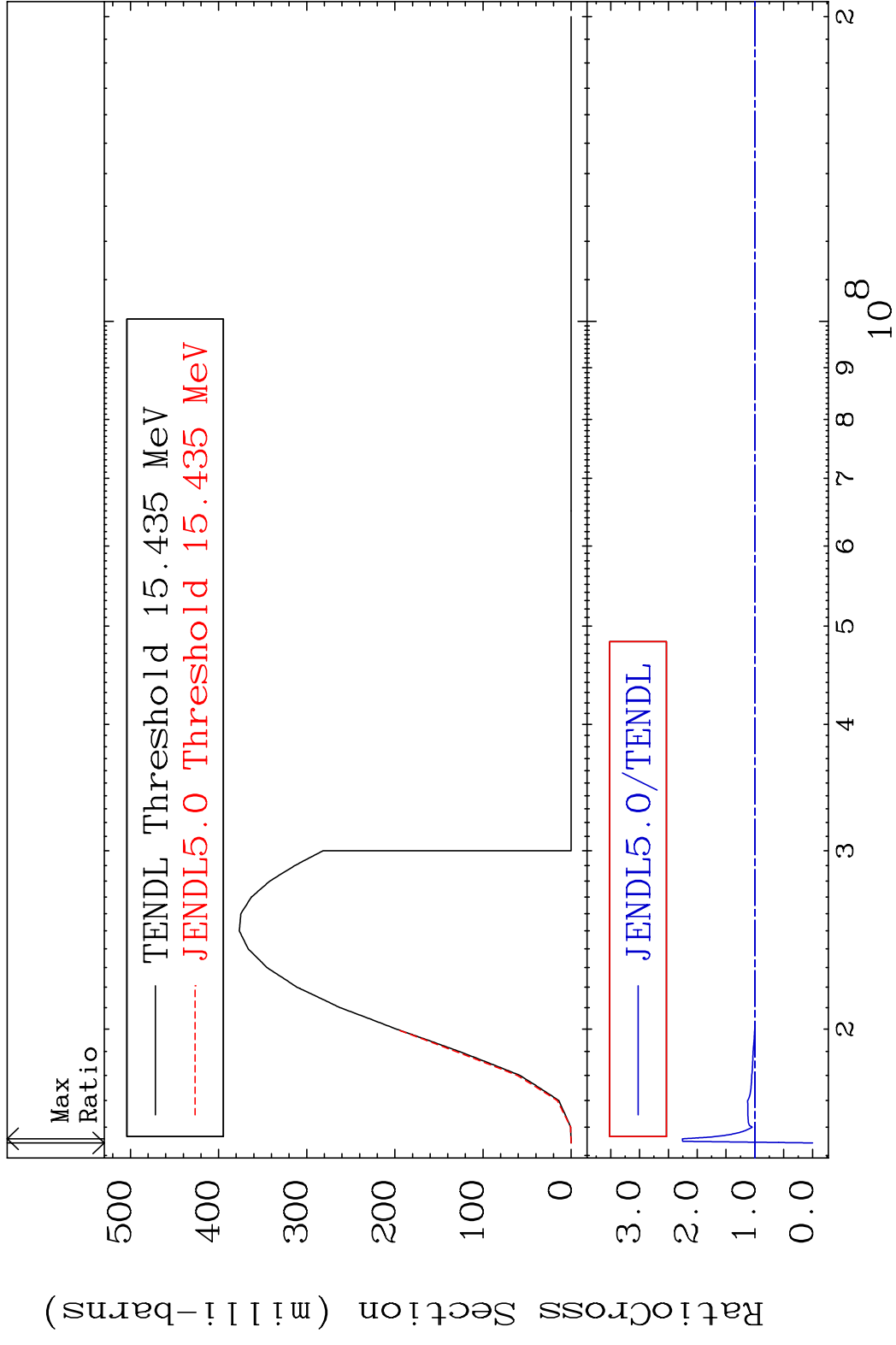
59 Incident Energy (eV) 52-Te-127m

MAT 5247 Inelastic:52-Te-127g 52-Te-127m
 Radionuclide Production Cross Section 9864810 9999. %

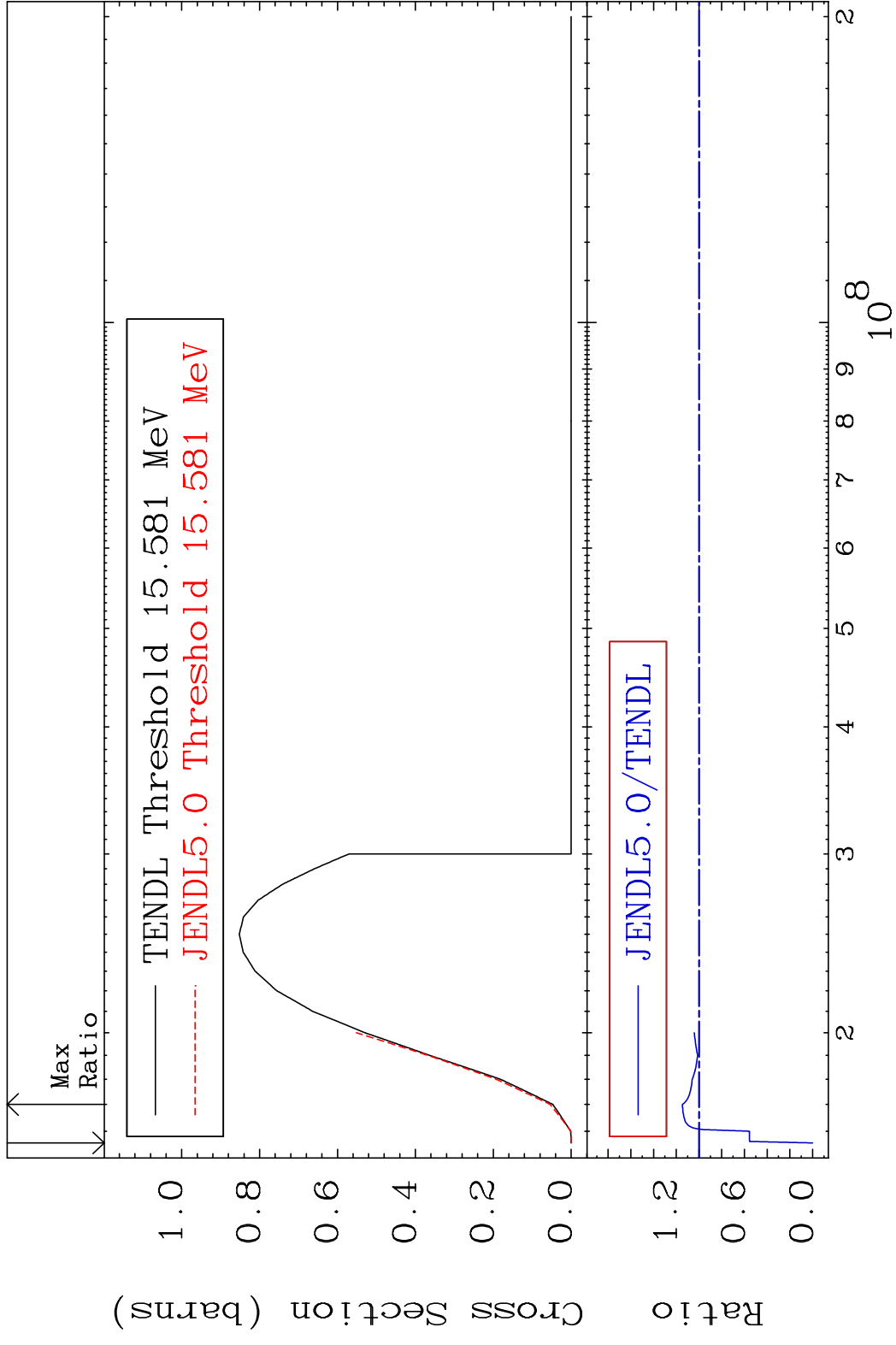


60 Incident Energy (eV) 52-Te-127m

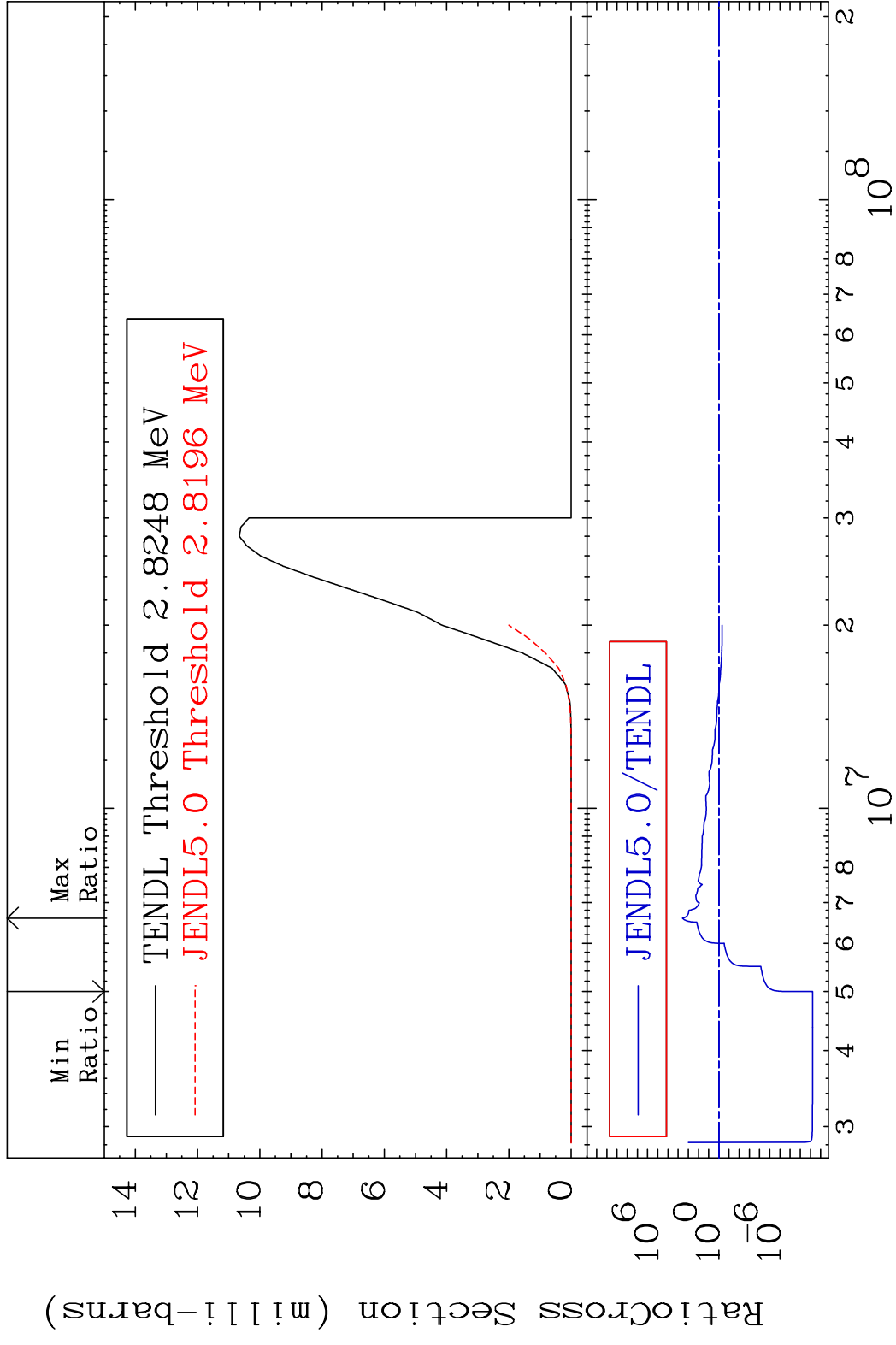
MAT 5247 (n,3n):52-Te-125g 52-Te-127m
 Radionuclide Production Cross Section 180.0 mb 125.8 %



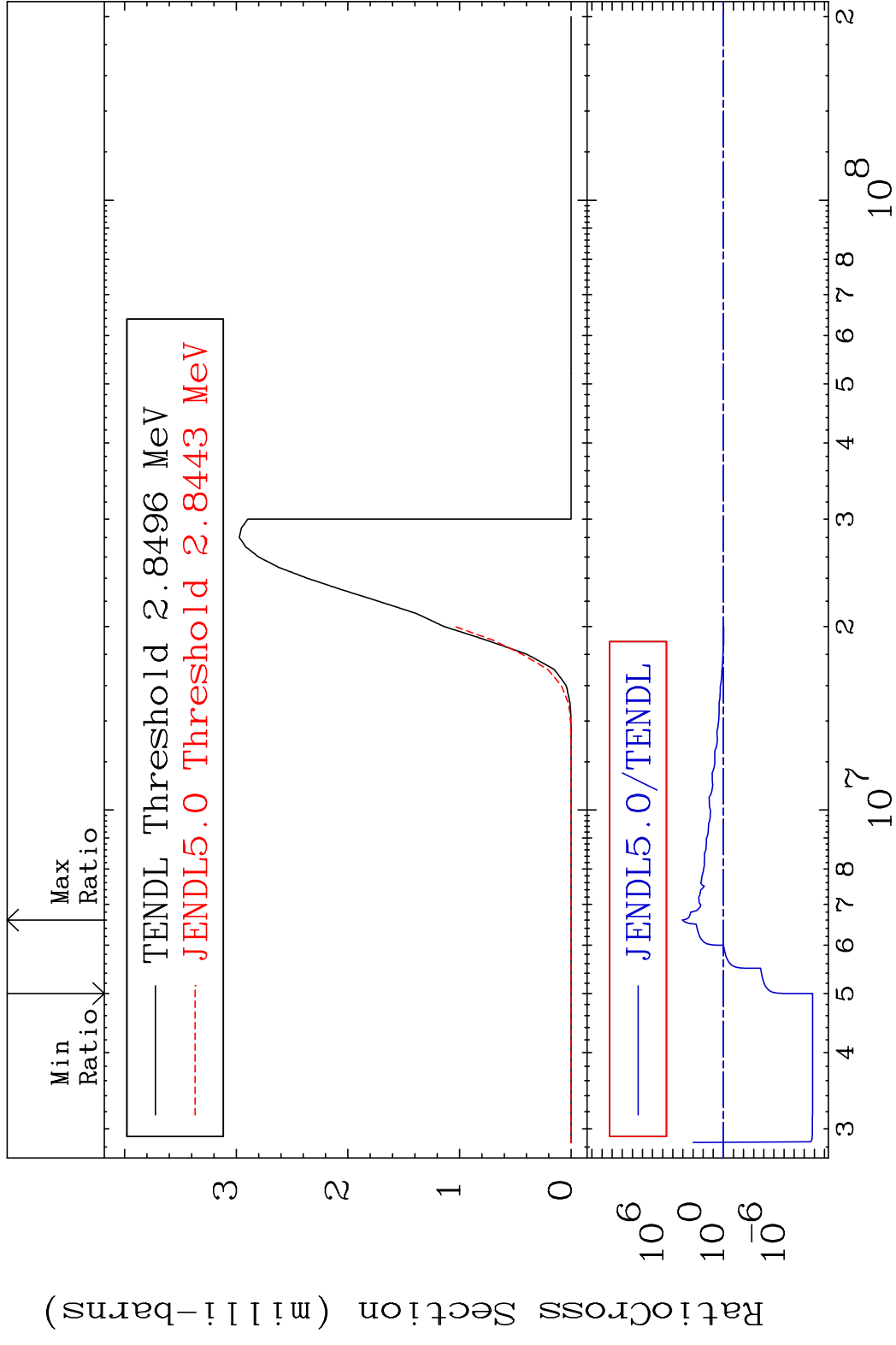
MAT 5247 (n, 3n):52-Te-125m2 52-Te-127m
 Radionuclide Production Cross Section 180.01 dth 14.65 %



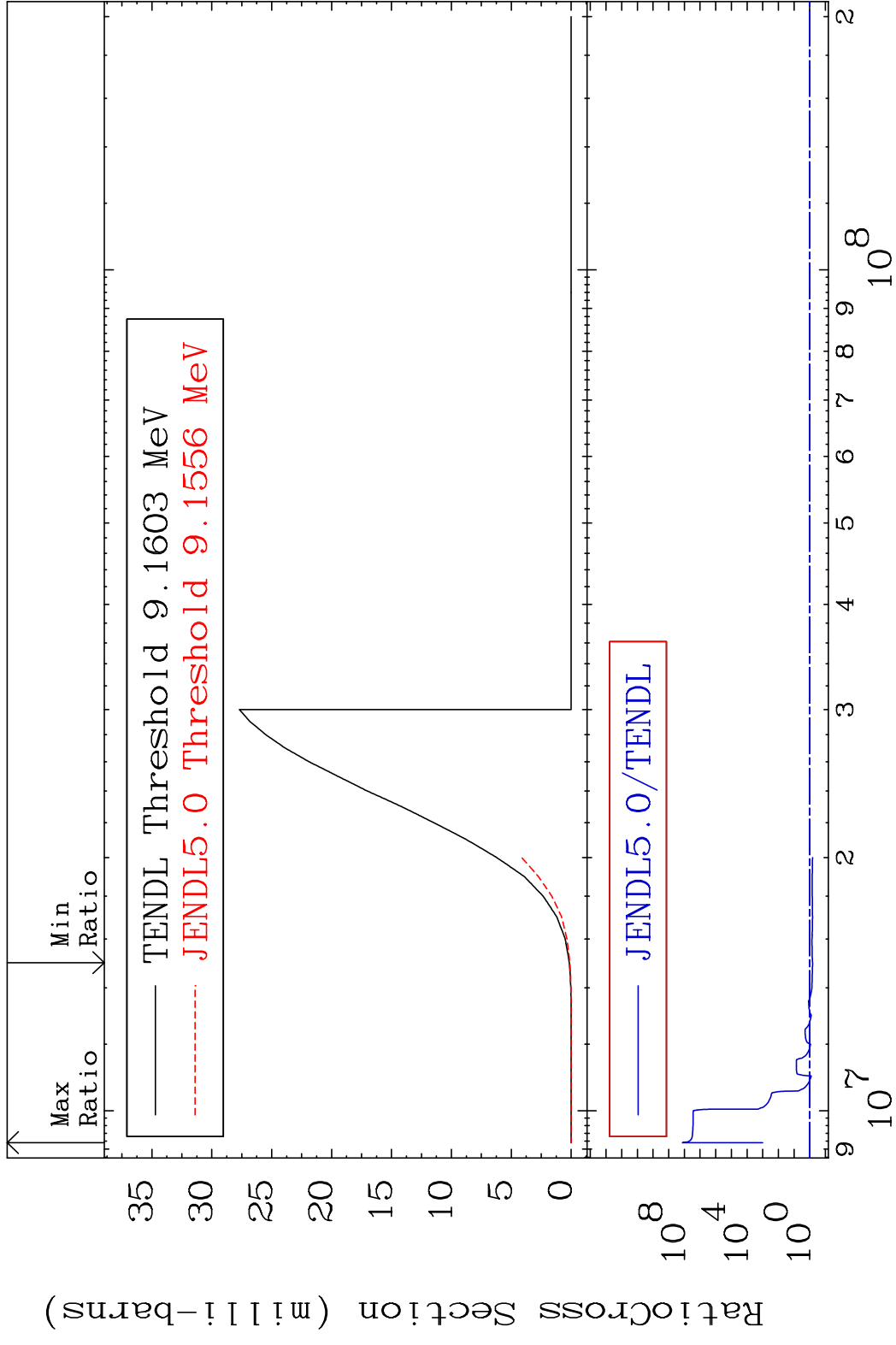
MAT 5247 (n, n') α :50-Sn-123g 52-Te-127m
 Radionuclide Production Cross Section to 9999. %



MAT 5247 (n, n') α :50-Sn-123m1 52-Te-127m
 Radionuclide Production Cross Section to 9999. %

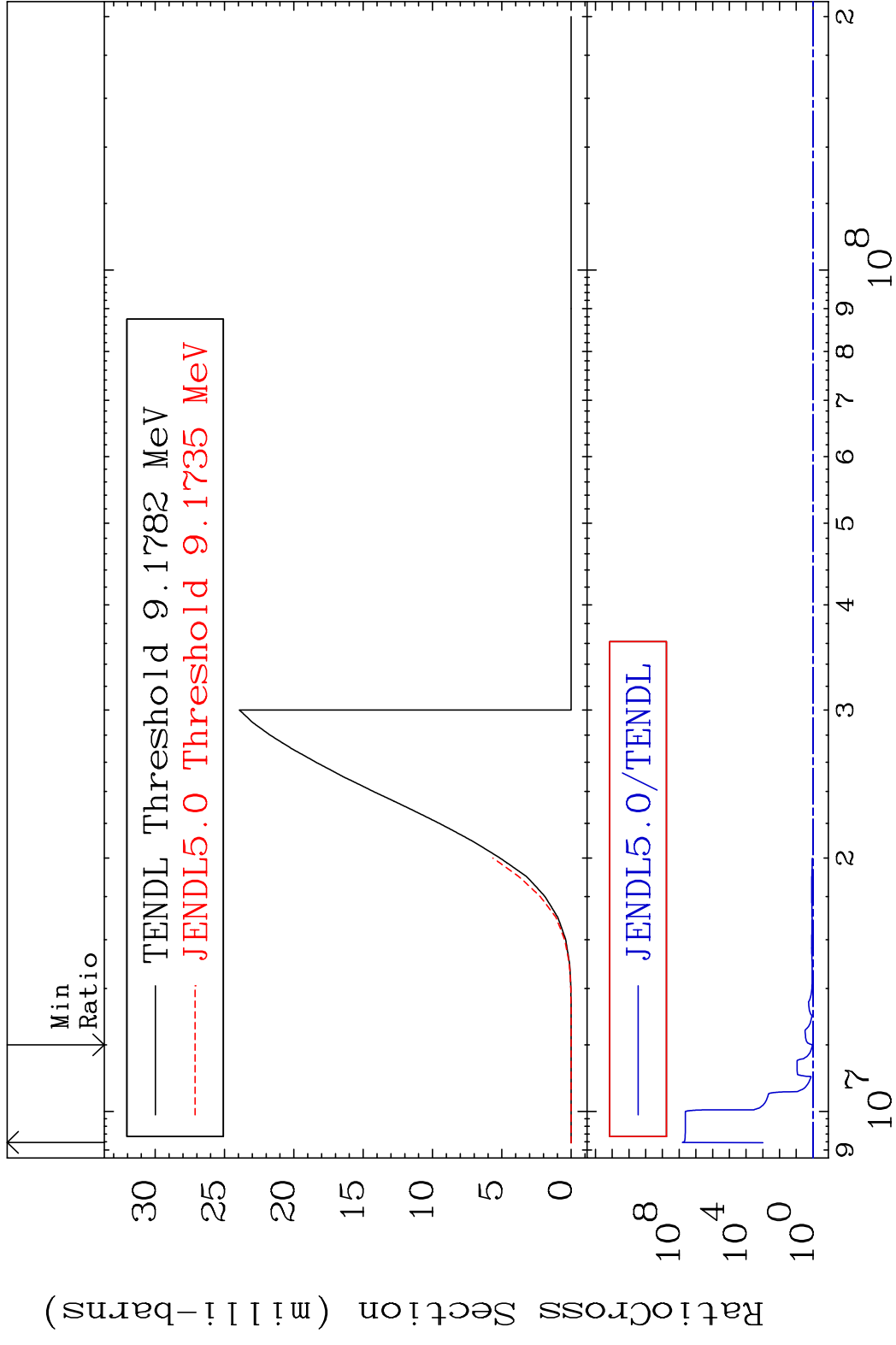


MAT 5247 (n, n') p:51-Sb-126g 52-Te-127m
 Radionuclide Production Cross Section to 9999. %

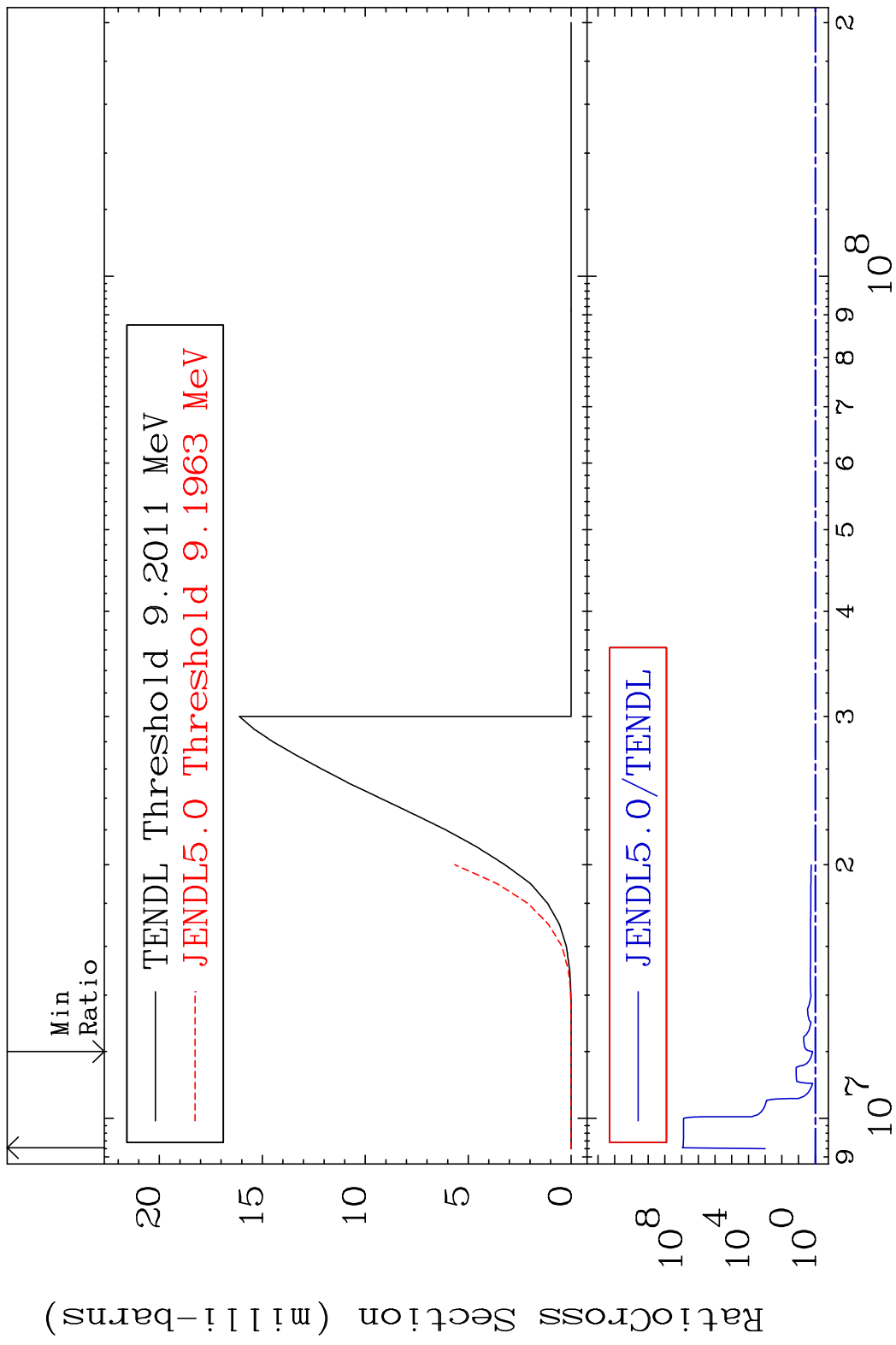


65 Incident Energy (eV) 52-Te-127m

MAT 5247 (n, n') p:51-Sb-126m1 52-Te-127m
 Radionuclide Production Cross Section, %

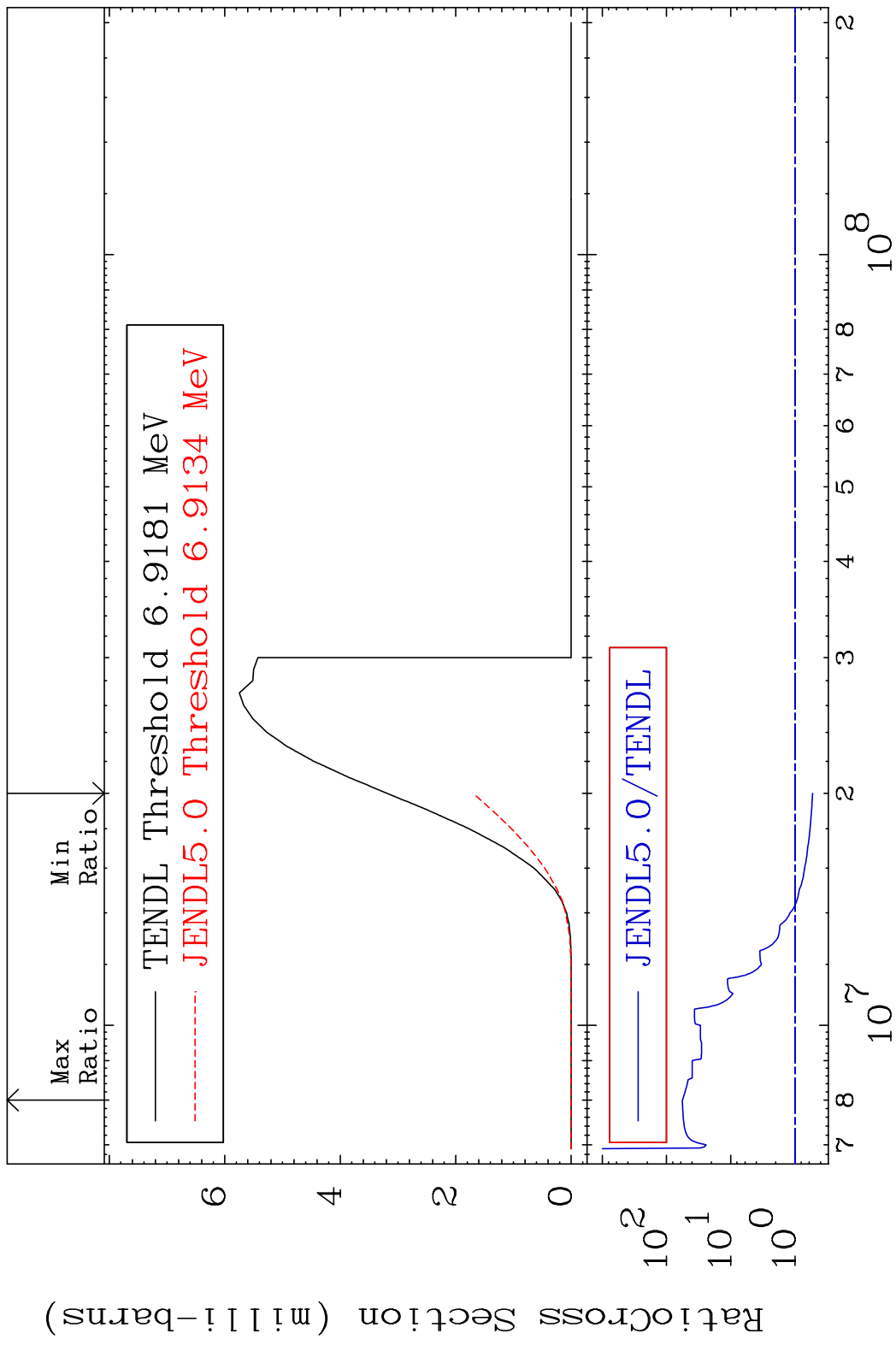


MAT 5247 (n, n') p:51-Sb-126m2 52-Te-127m
 Radionuclide Production Cross Section 9999. %



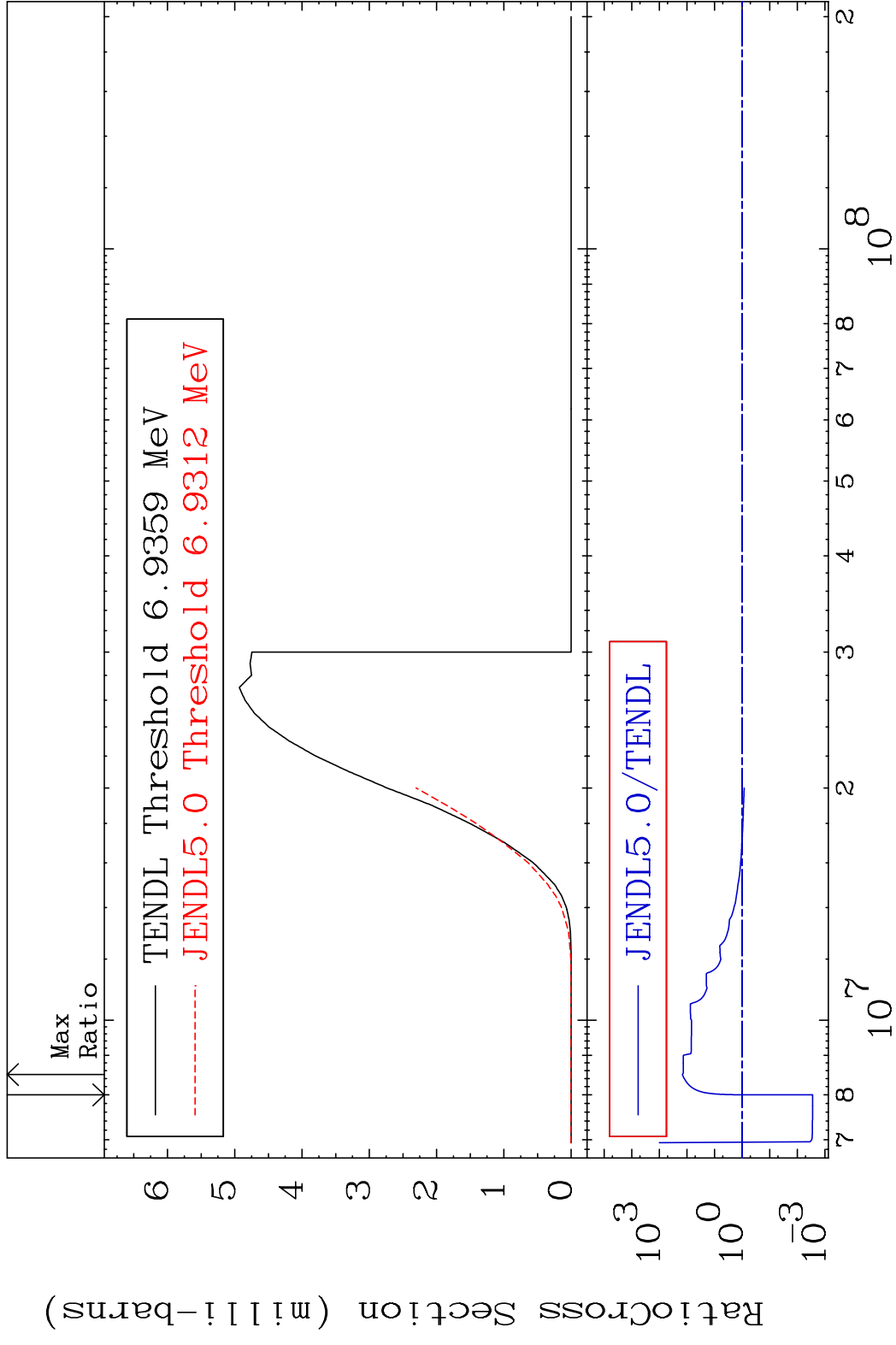
67 Incident Energy (eV) 52-Te-127m

MAT 5247 (n,d):51-Sb-126g 52-Te-127m
 Radionuclide Production Cross Section 48676110 5567. %

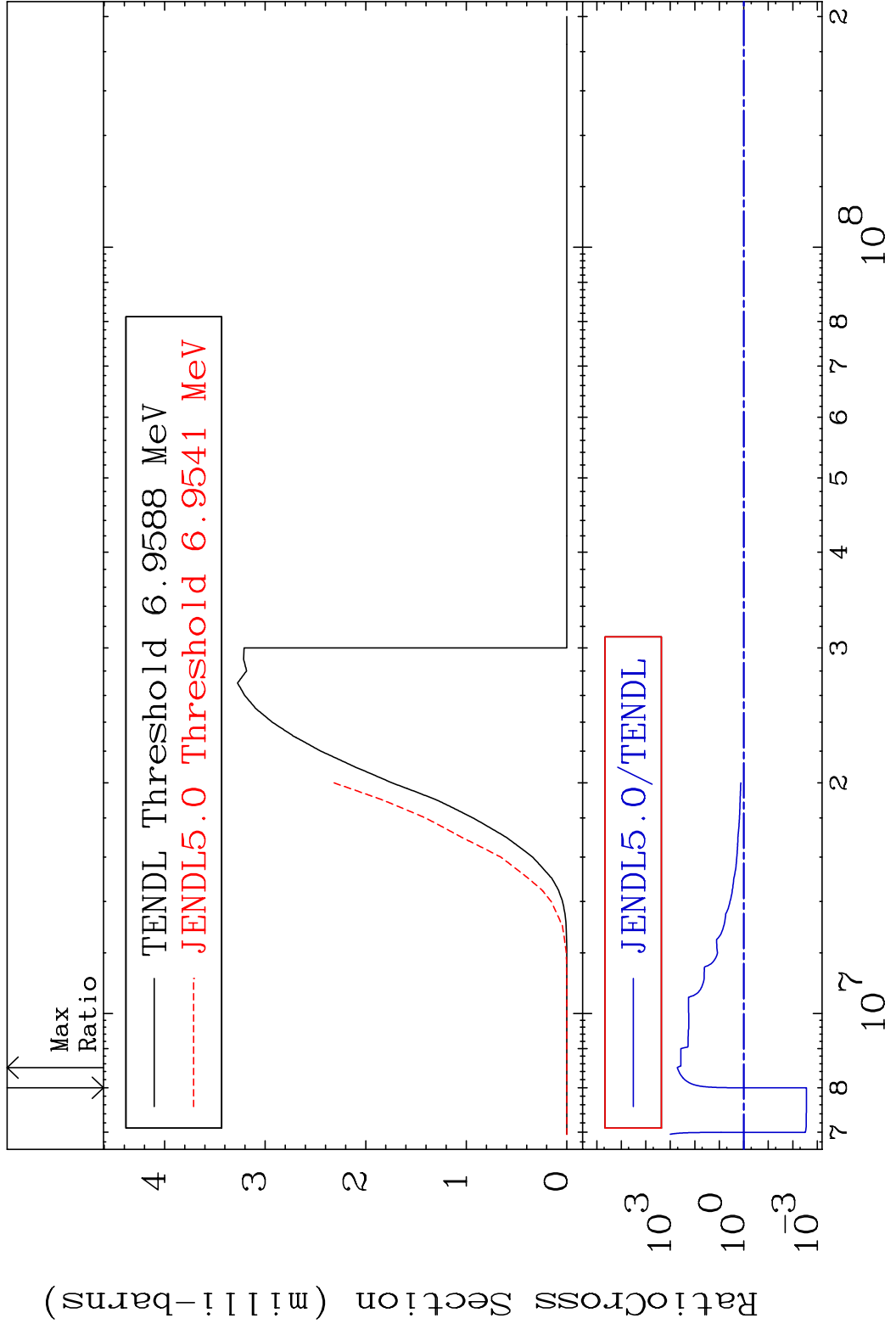


68 Incident Energy (eV) 52-Te-127m

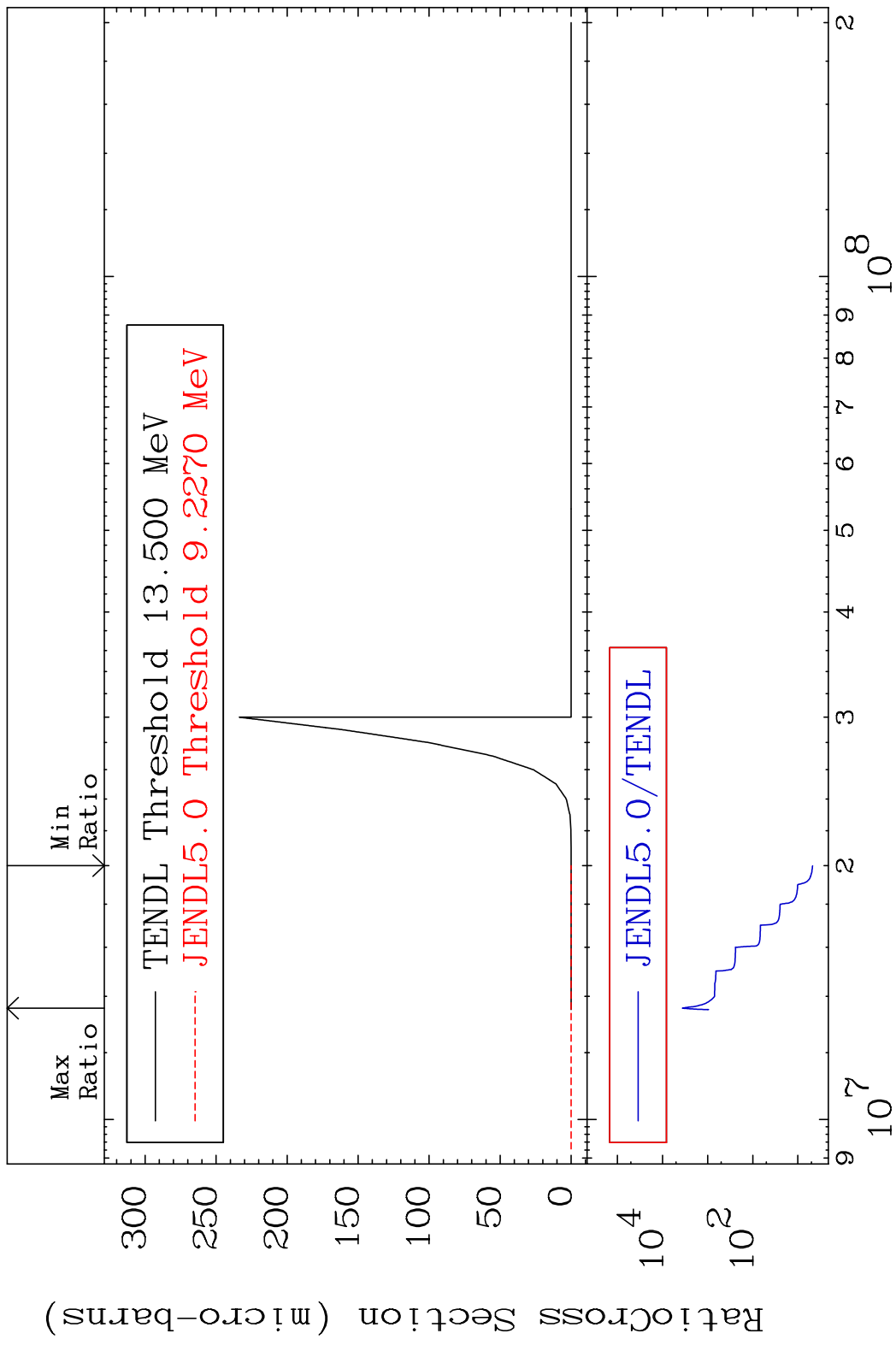
MAT 5247 (n, d):51-Sb-126m1 52-Te-127m
 Radionuclide Production Cross Section (%) 99.9999



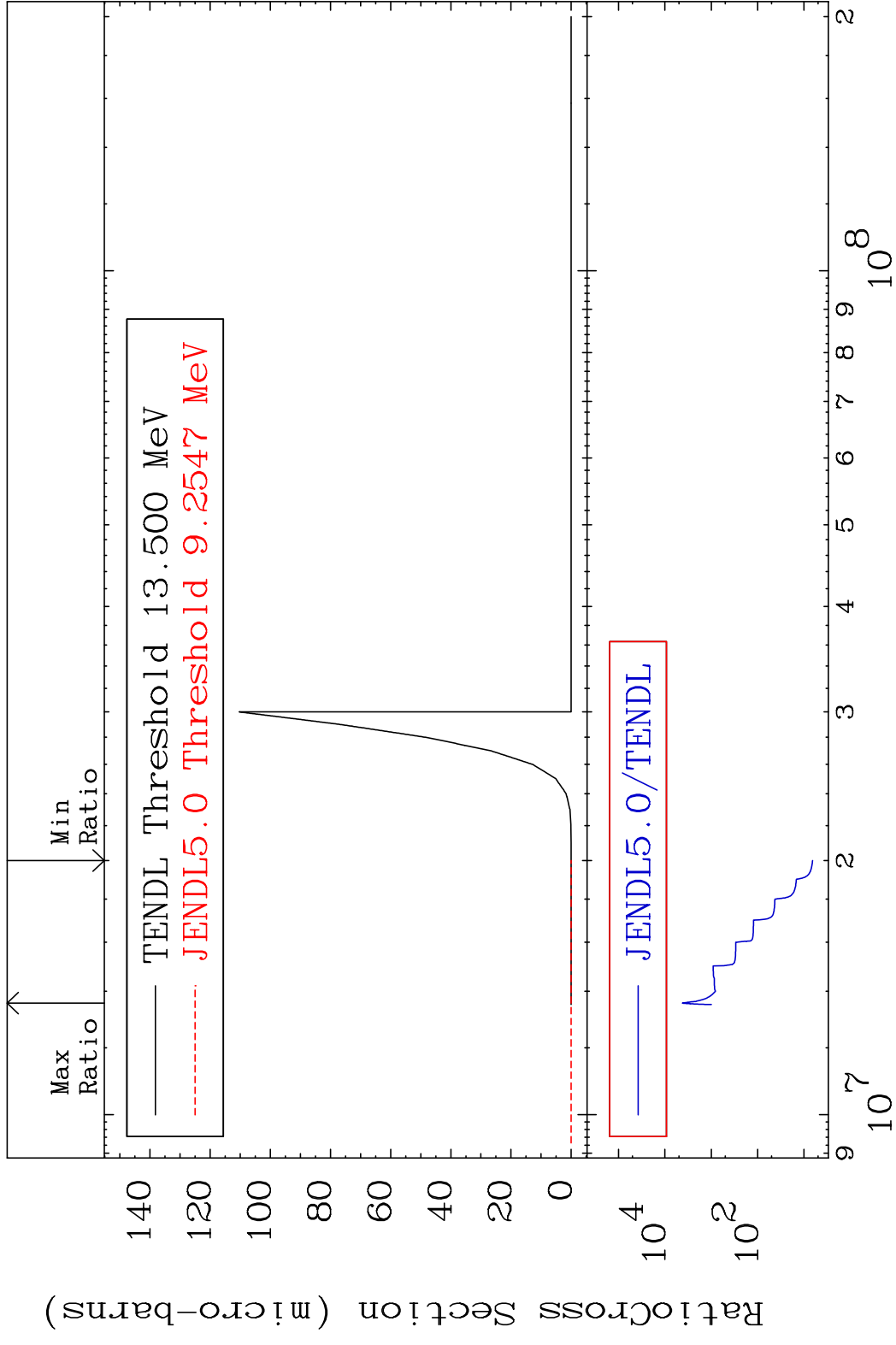
MAT 5247 (n, d):51-Sb-126m2 52-Te-127m
 Radionuclide Production Cross Section 98.7210 9999. %



70 Incident Energy (eV) 52-Te-127m

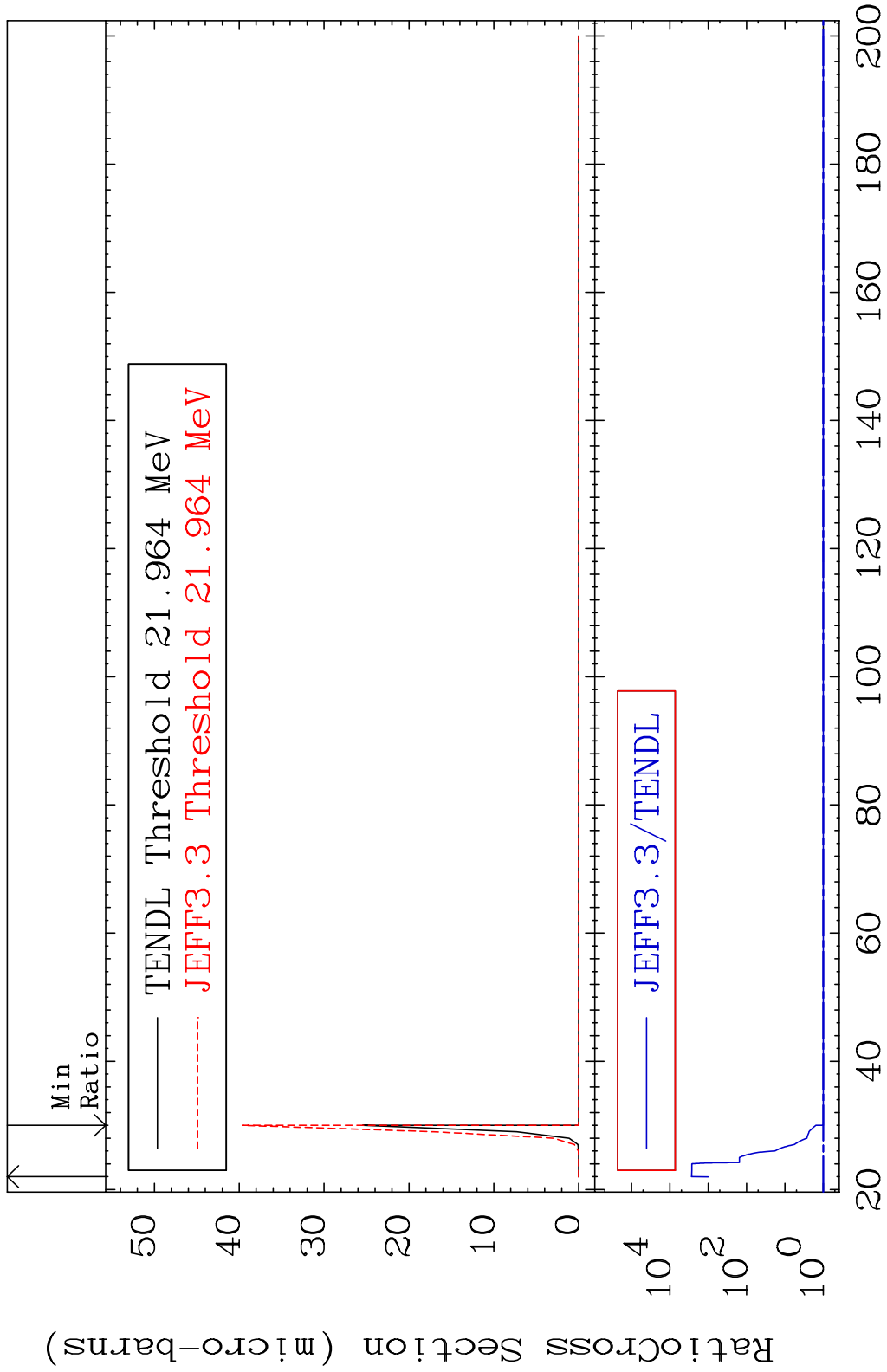


MAT 5247 (n, He-3) : 50-Sn-125m1 52-Te-127m
 Radionuclide Production Cross Section Valid to 9999. %

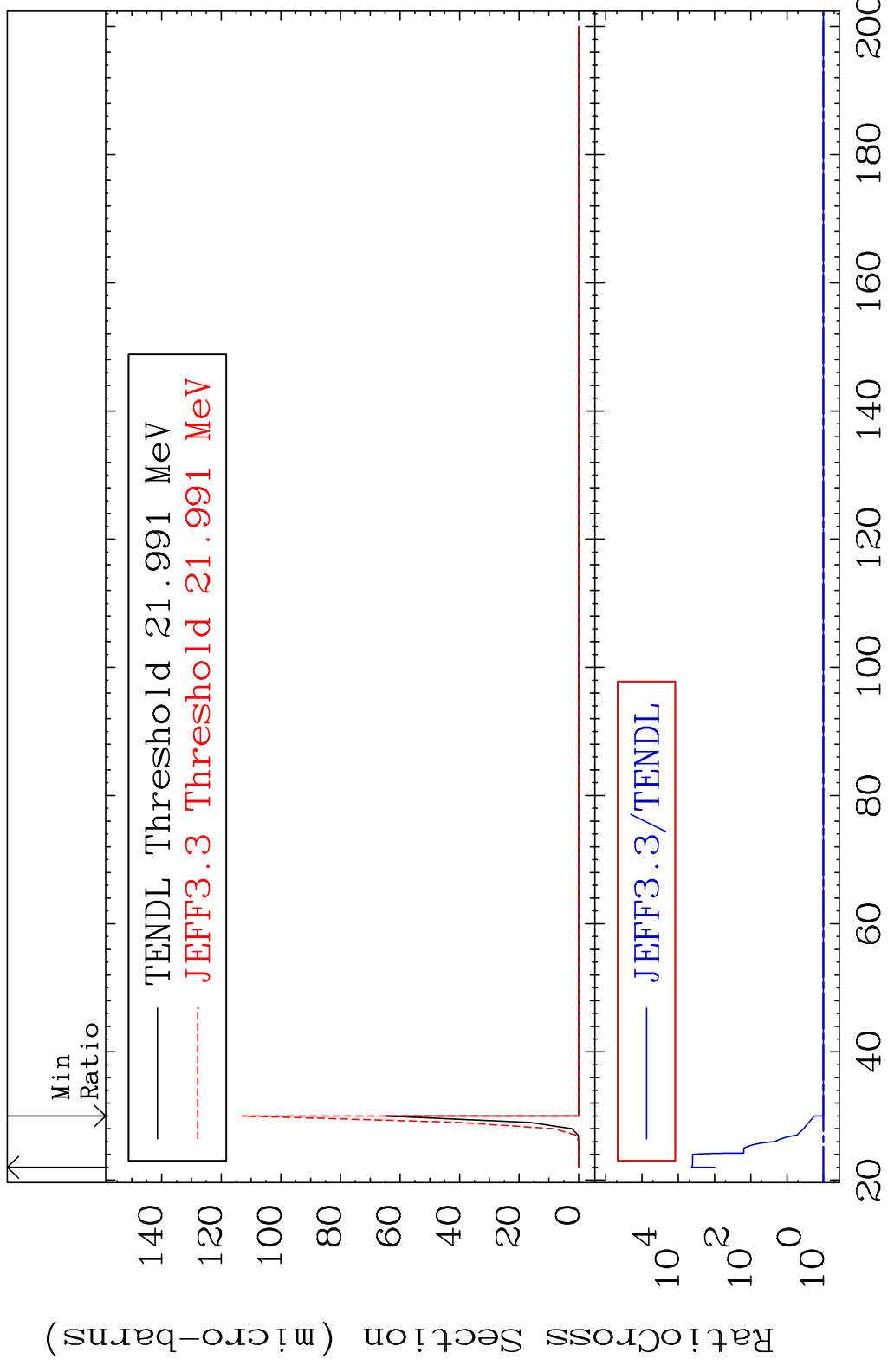


72 Incident Energy (eV) 52-Te-127m

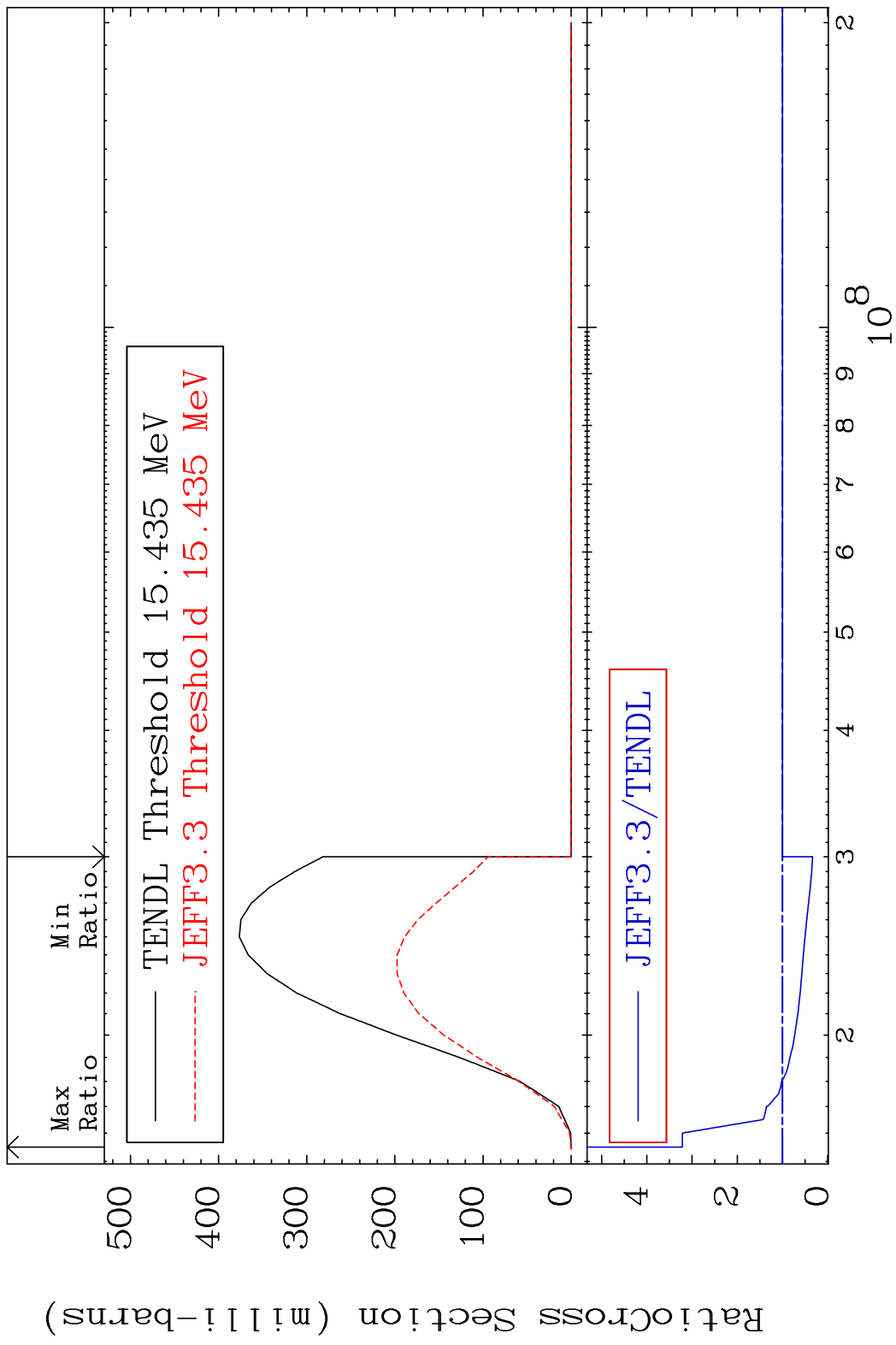
MAT 5247 (n,2n) d:51-Sb-124m1 52-Te-127m
 Radionuclide Production Cross Section, %



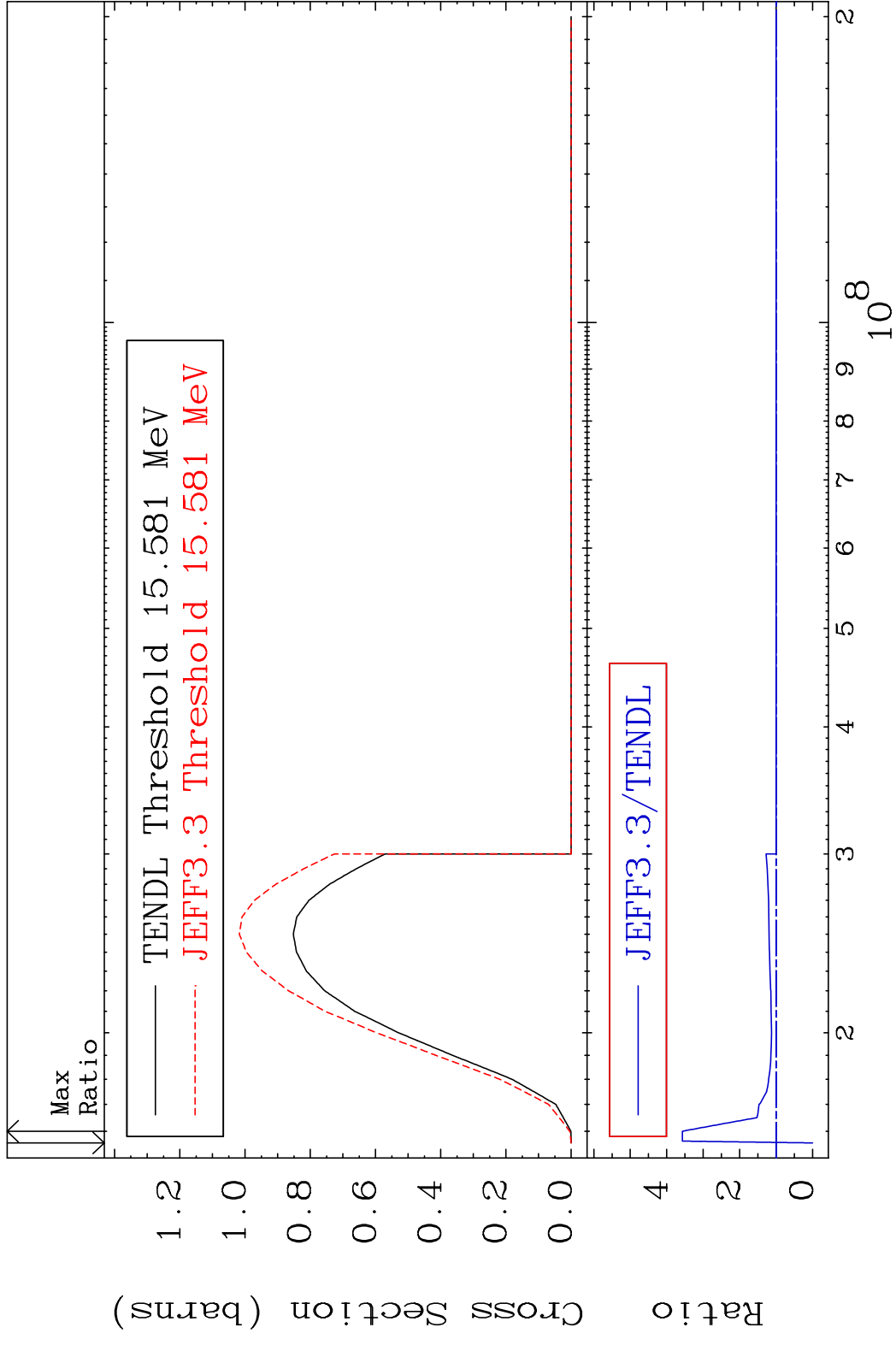
MAT 5247 (n,2n) d:51-Sb-124m2 52-Te-127m
 Radionuclide Production Cross Section, %



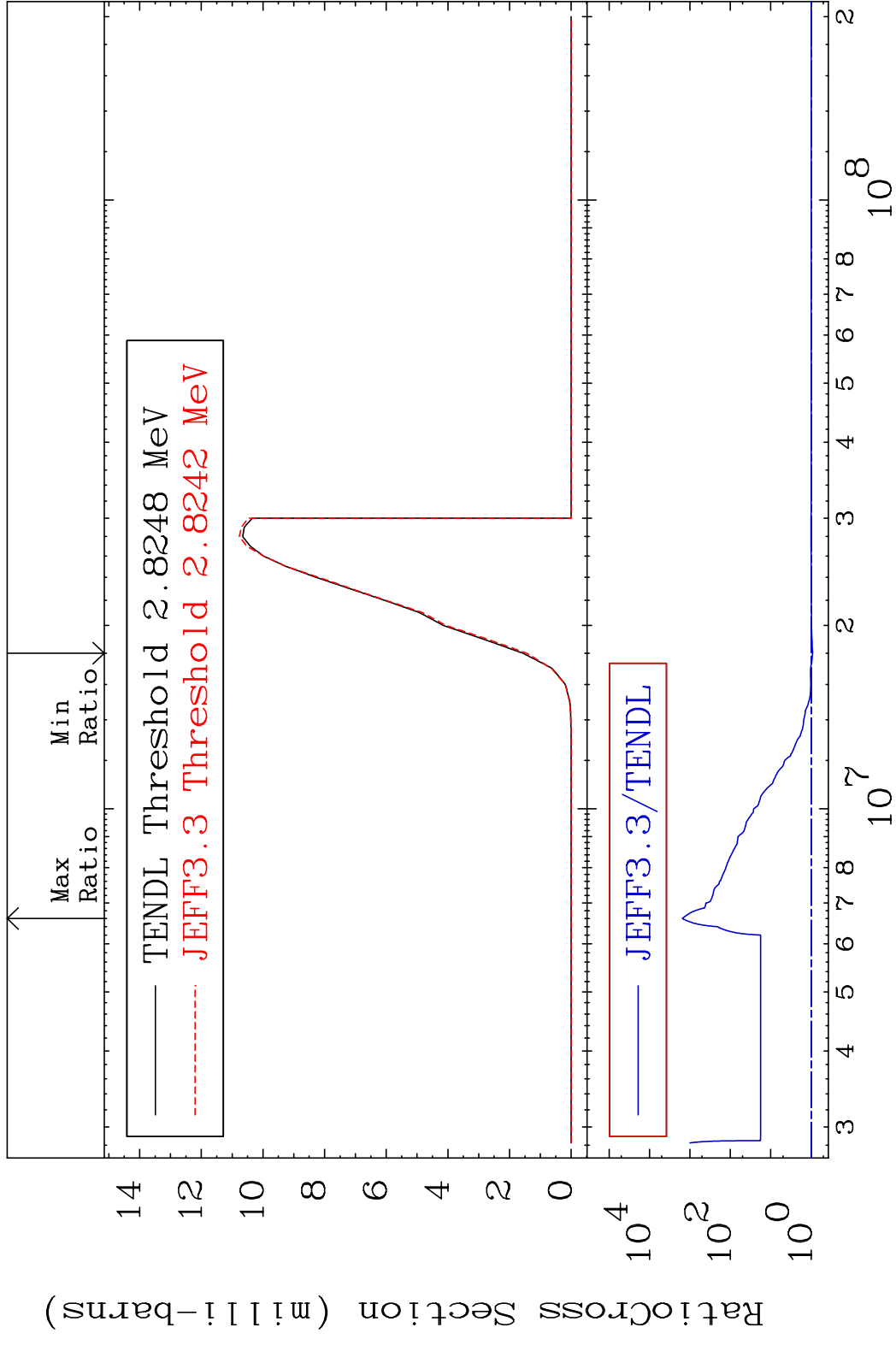
MAT 5247 (n,3n):52-Te-125g 52-Te-127m
 Radionuclide Production Cross Section 68e50 d10 221.5 %



MAT 5247 (n, 3n):52-Te-125m2 52-Te-127m
 Radionuclide Production Cross Section to 257.1 %

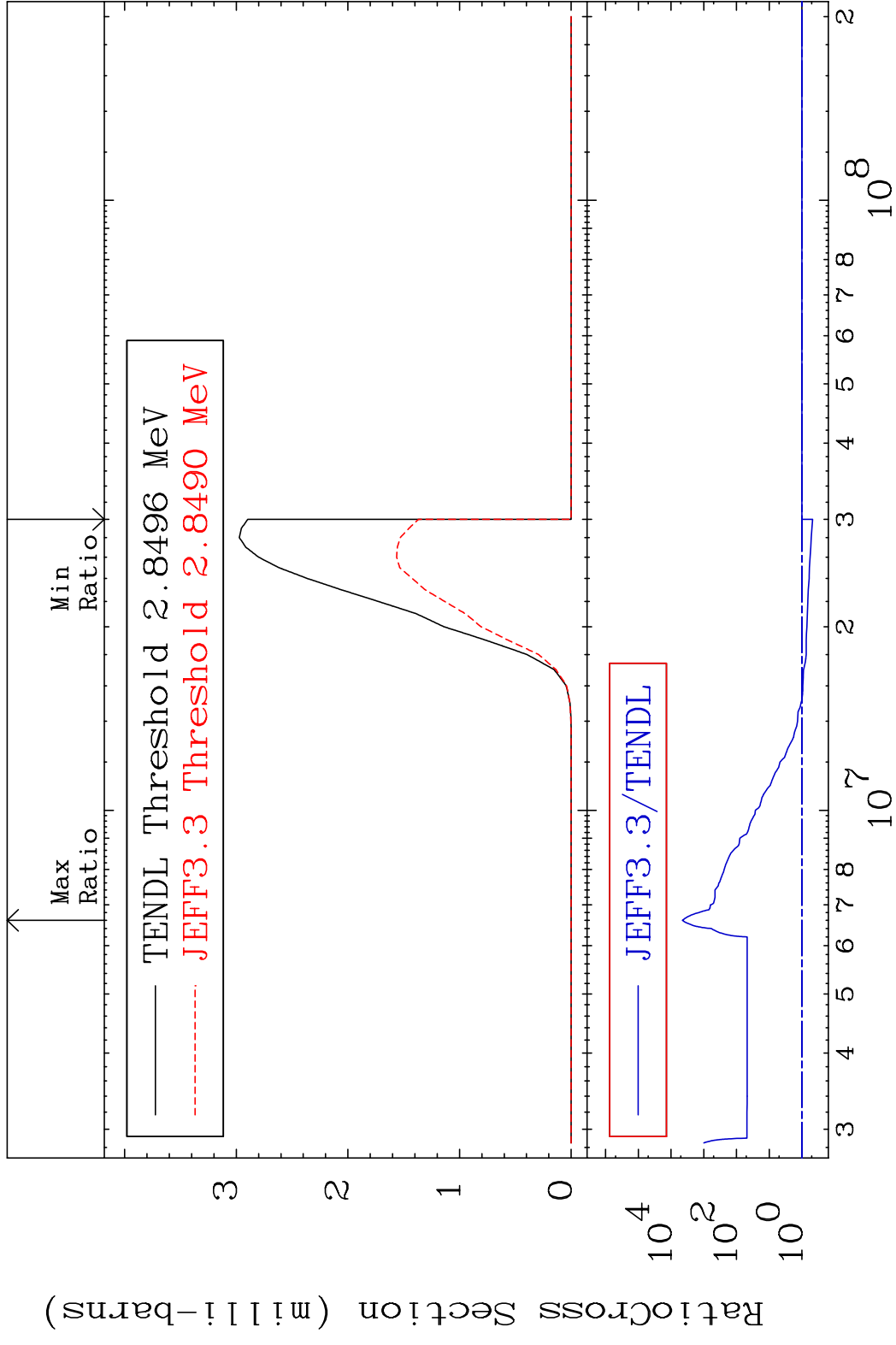


MAT 5247 (n, n') α :50-Sn-123g 52-Te-127m
 Radionuclide Production Cross Section to 9999. %

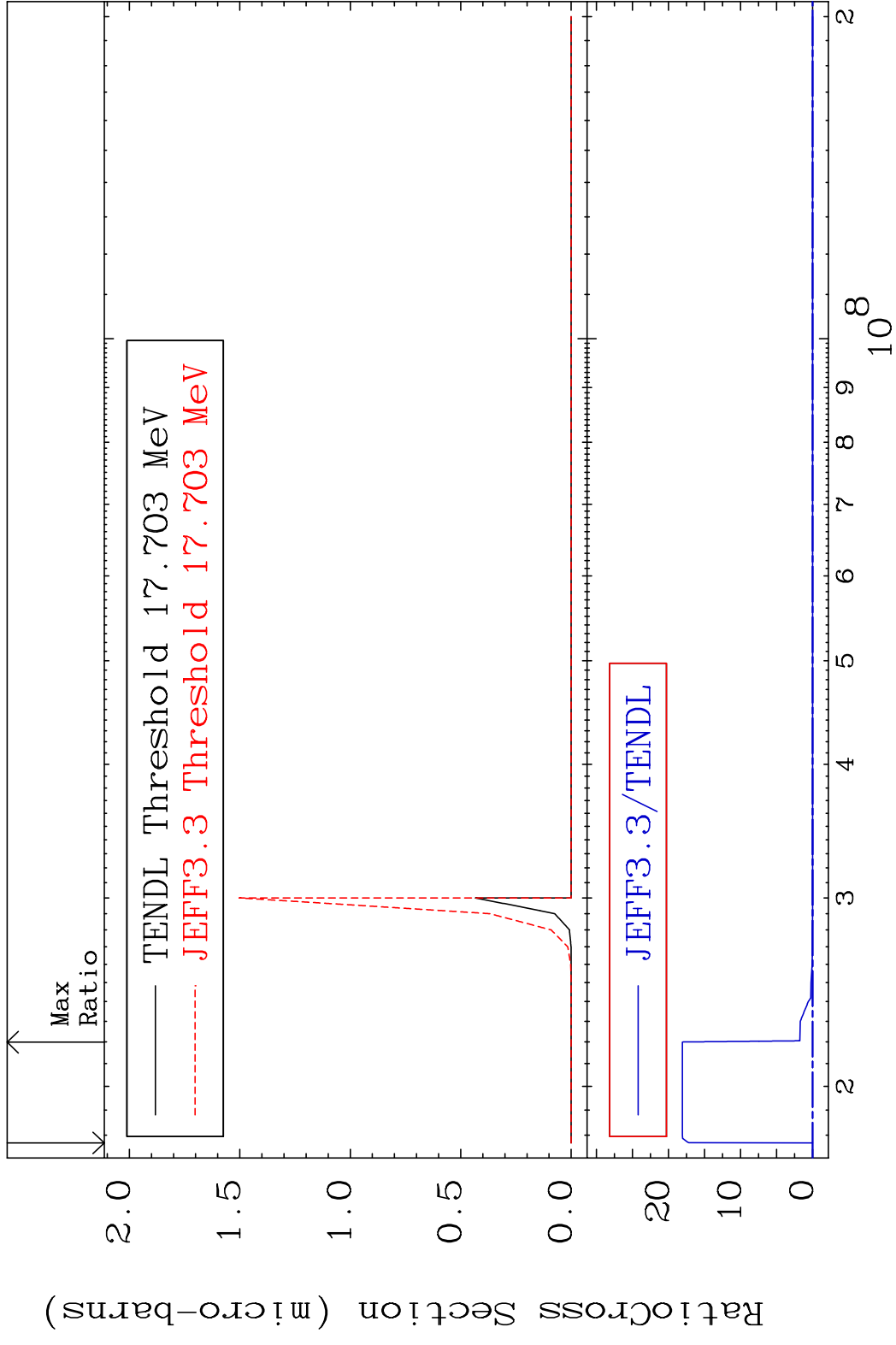


77 Incident Energy (eV) 52-Te-127m

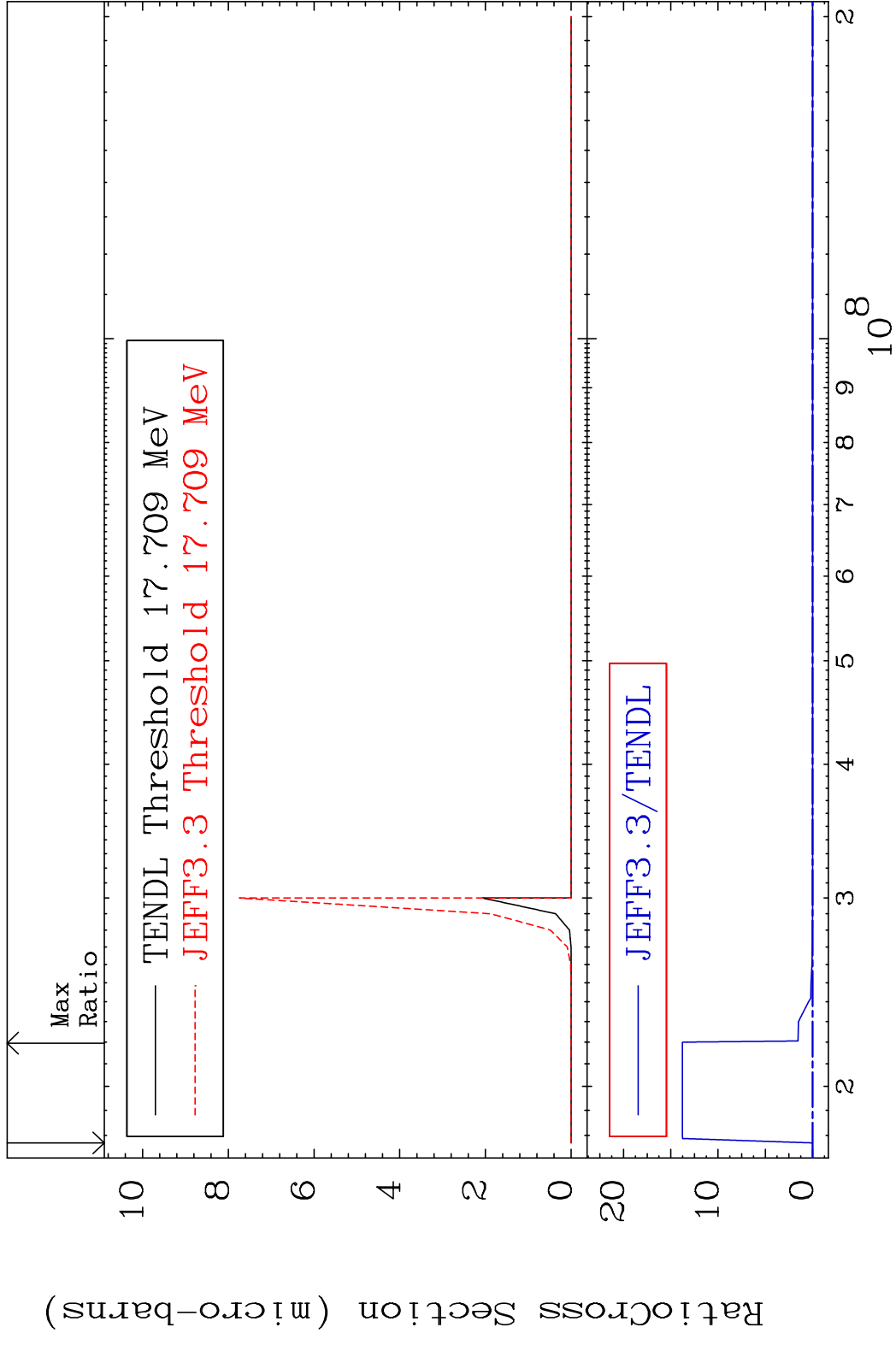
MAT 5247 (n, n') α :50-Sn-123m1 52-Te-127m
 Radionuclide Production Cross Section to 9999. %



MAT 5247 (n,3n) α :50-Sn-121g 52-Te-127m
 Radionuclide Production Cross Section to 9999. %

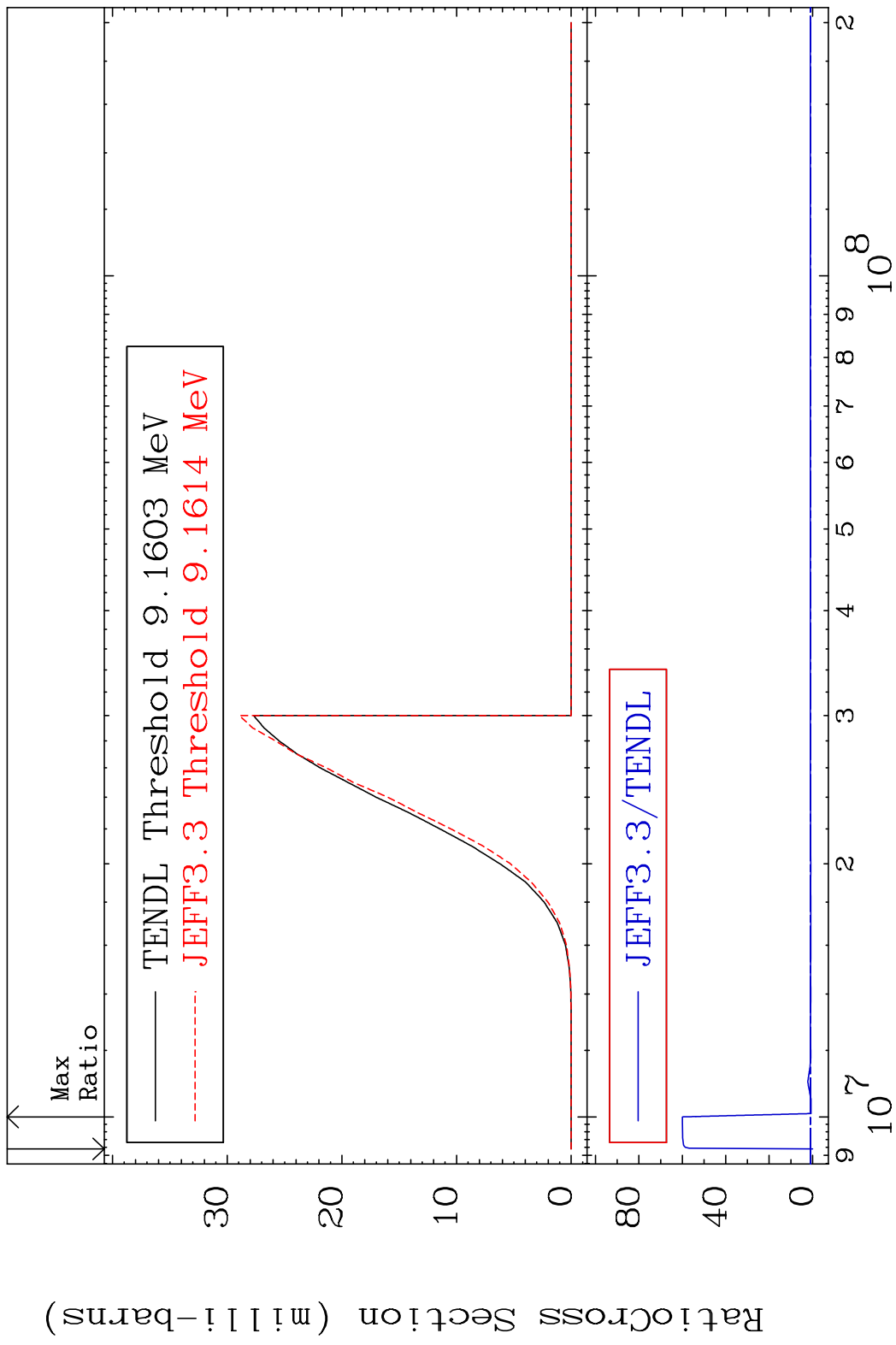


MAT 5247 (n,3n) α :50-Sn-121m1 52-Te-127m
 Radionuclide Production Cross Section 1800.0 dth 9999. %



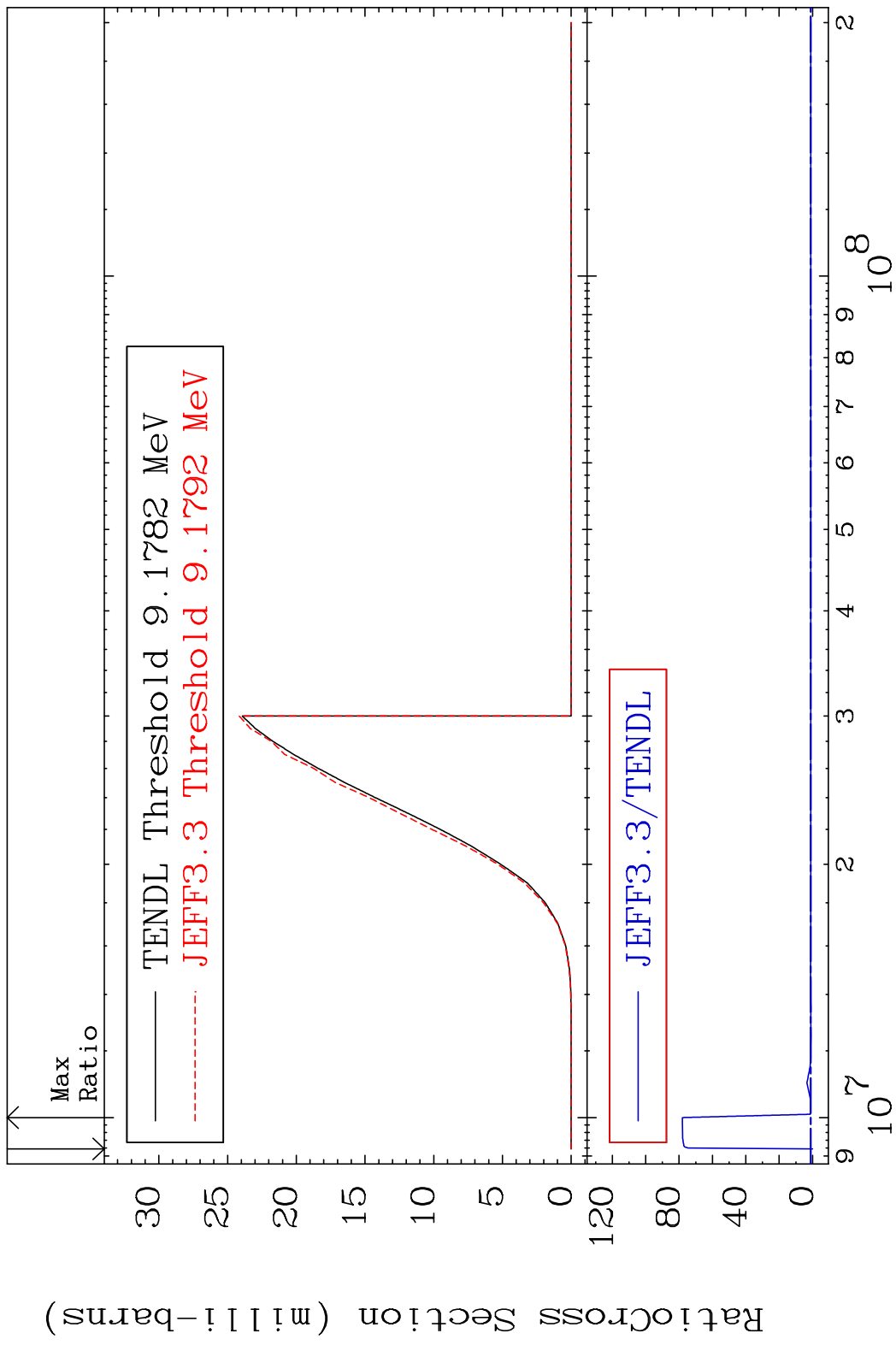
80 Incident Energy (eV) 52-Te-127m

MAT 5247 (n, n') p:51-Sb-126g 52-Te-127m
 Radionuclide Production Cross Section to 5899. %



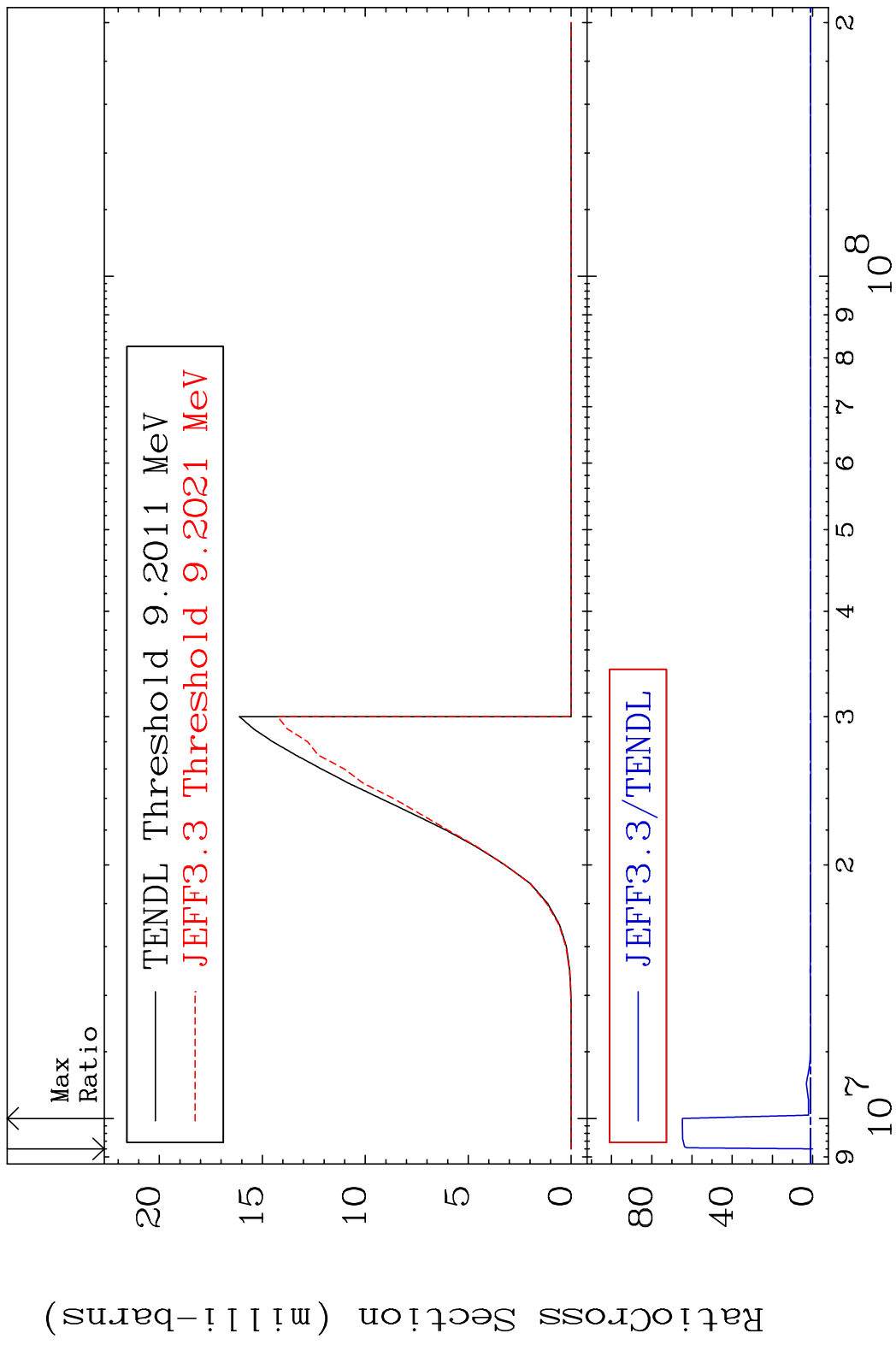
81 Incident Energy (eV) 52-Te-127m

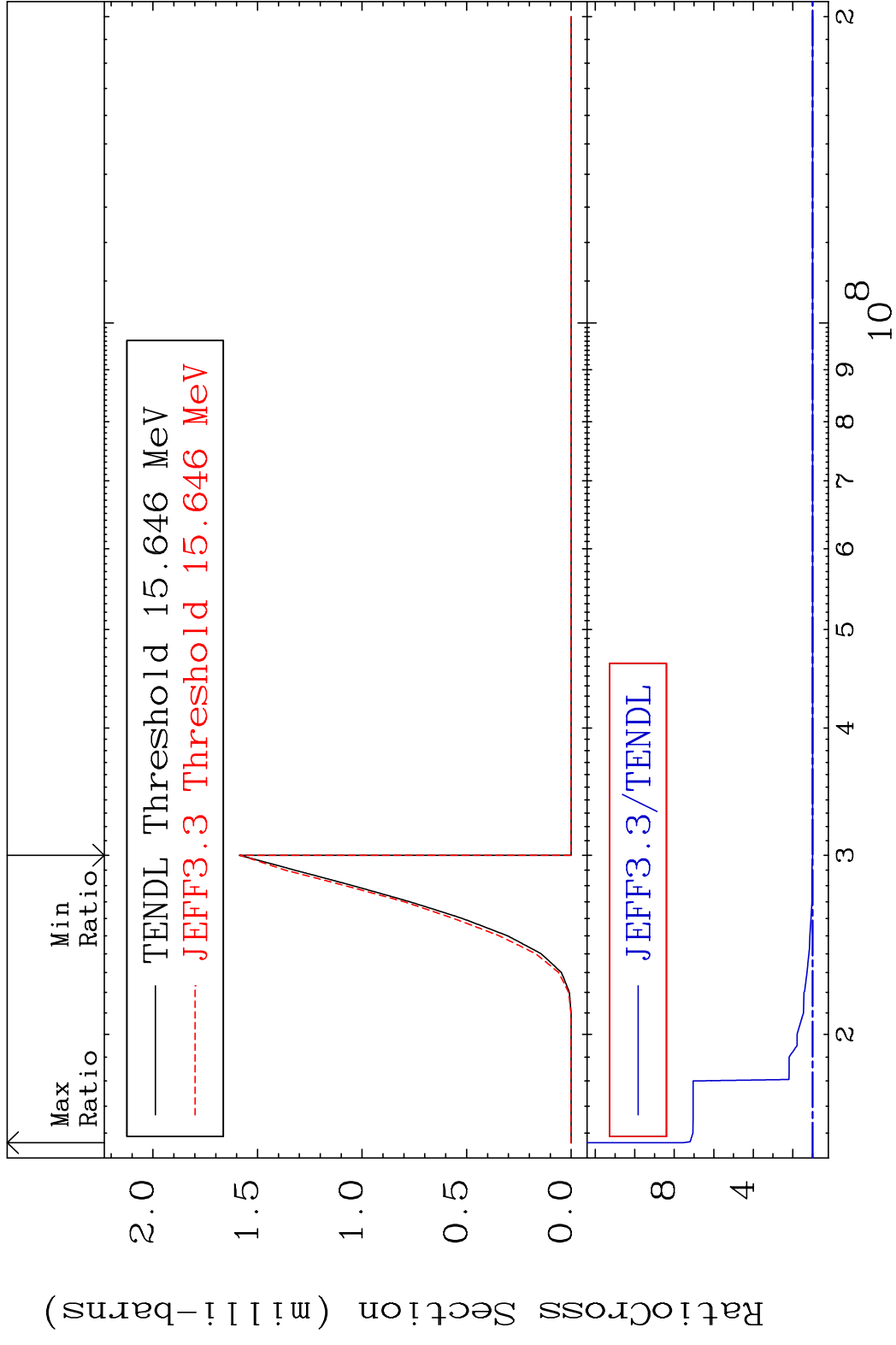
MAT 5247 (n, n') p:51-Sb-126m1 52-Te-127m
 Radionuclide Production Cross Section 18000 dth 7703. %

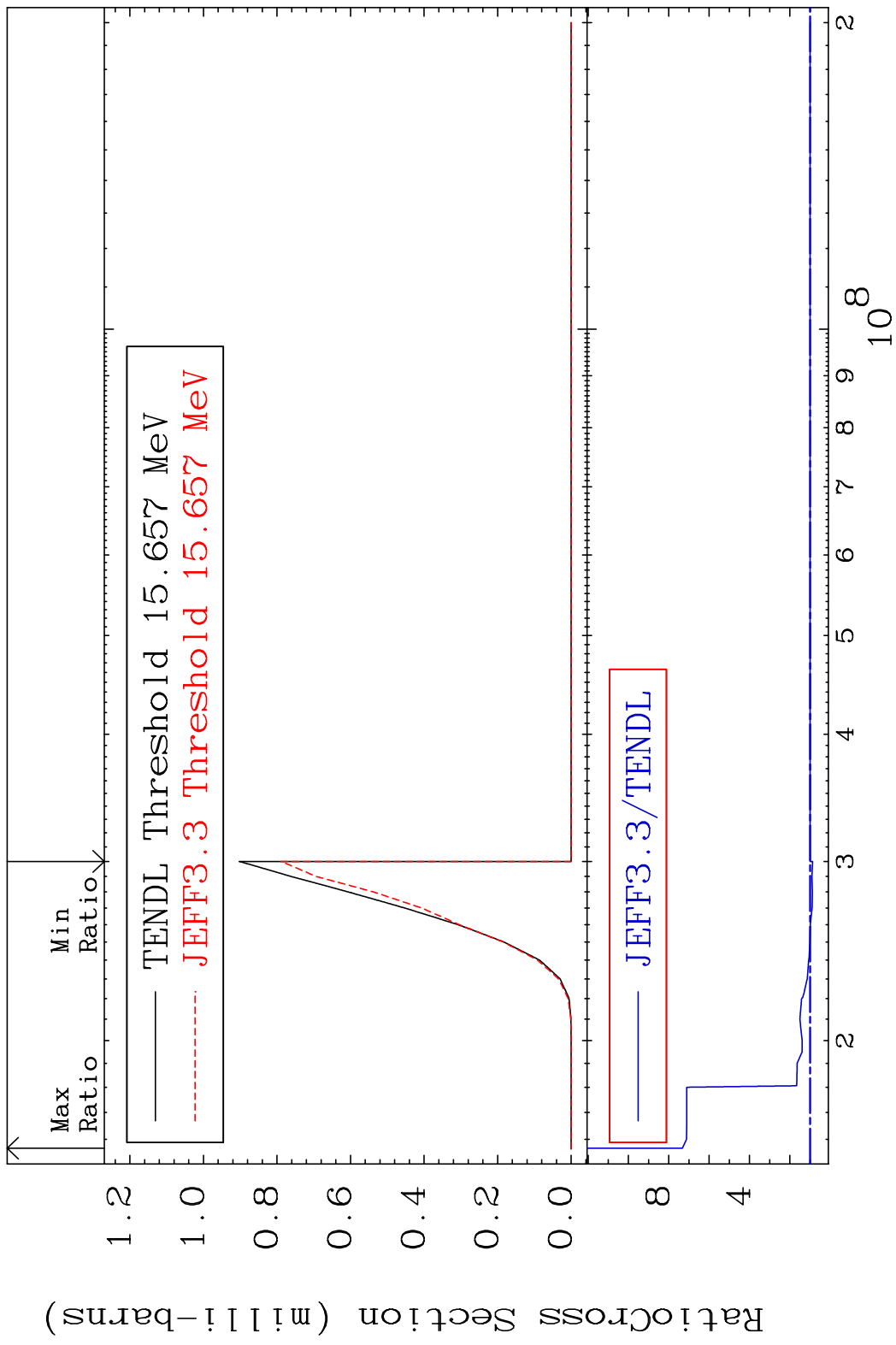


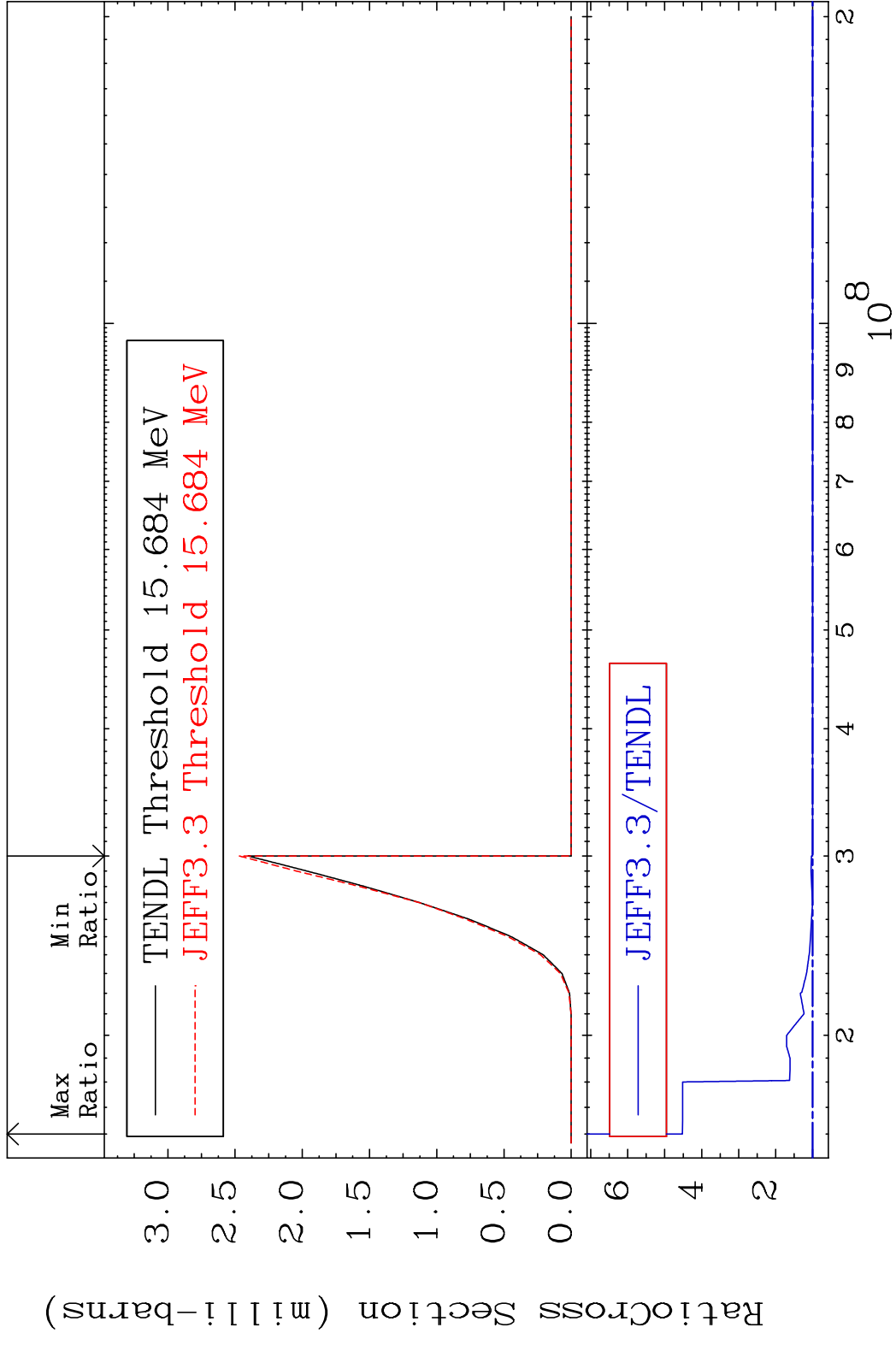
82 Incident Energy (eV) 52-Te-127m

MAT 5247 (n, n') p:51-Sb-126m2 52-Te-127m
 Radionuclide Production Cross Section to Incident Ratio 6378. %

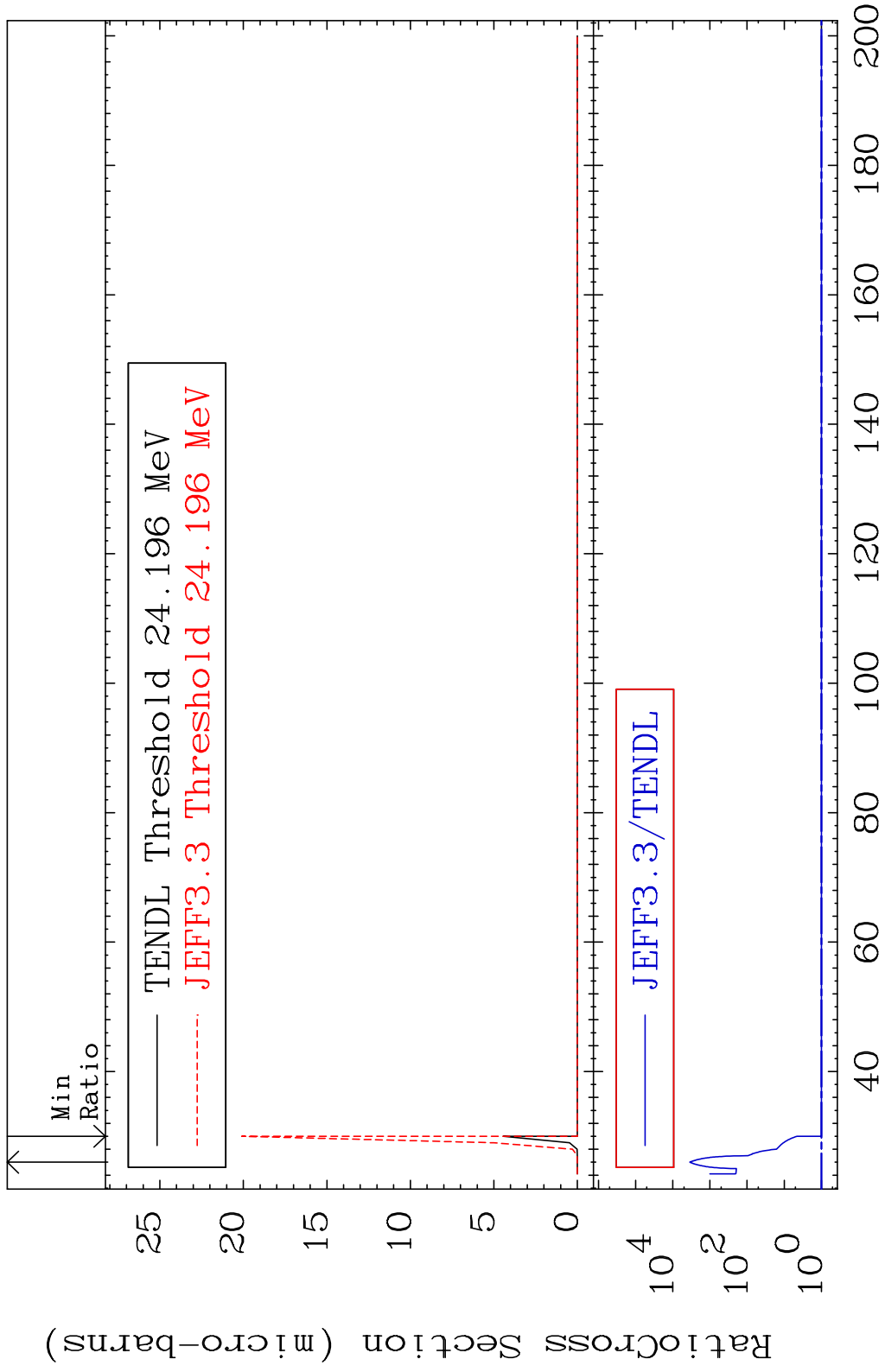


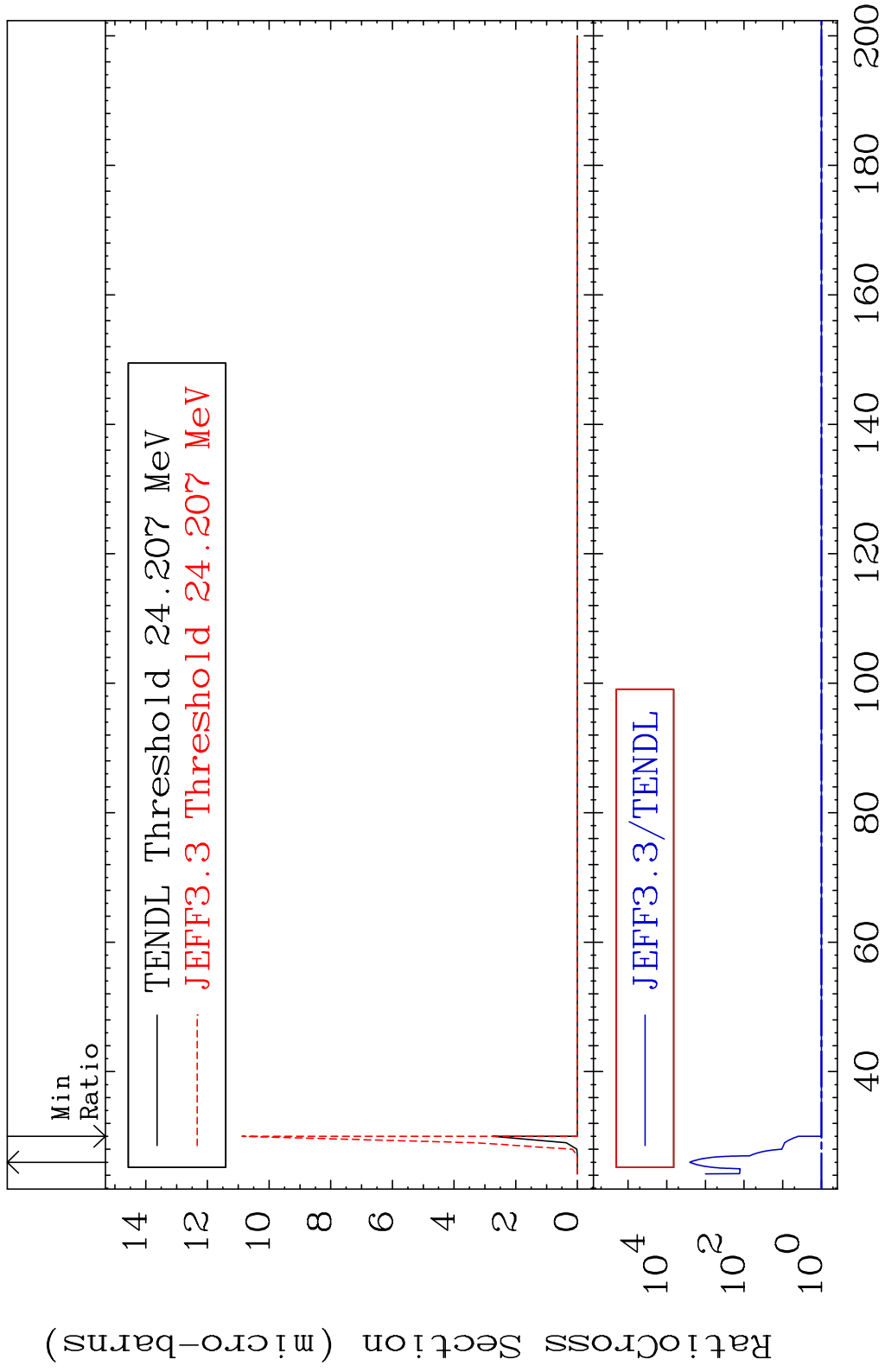


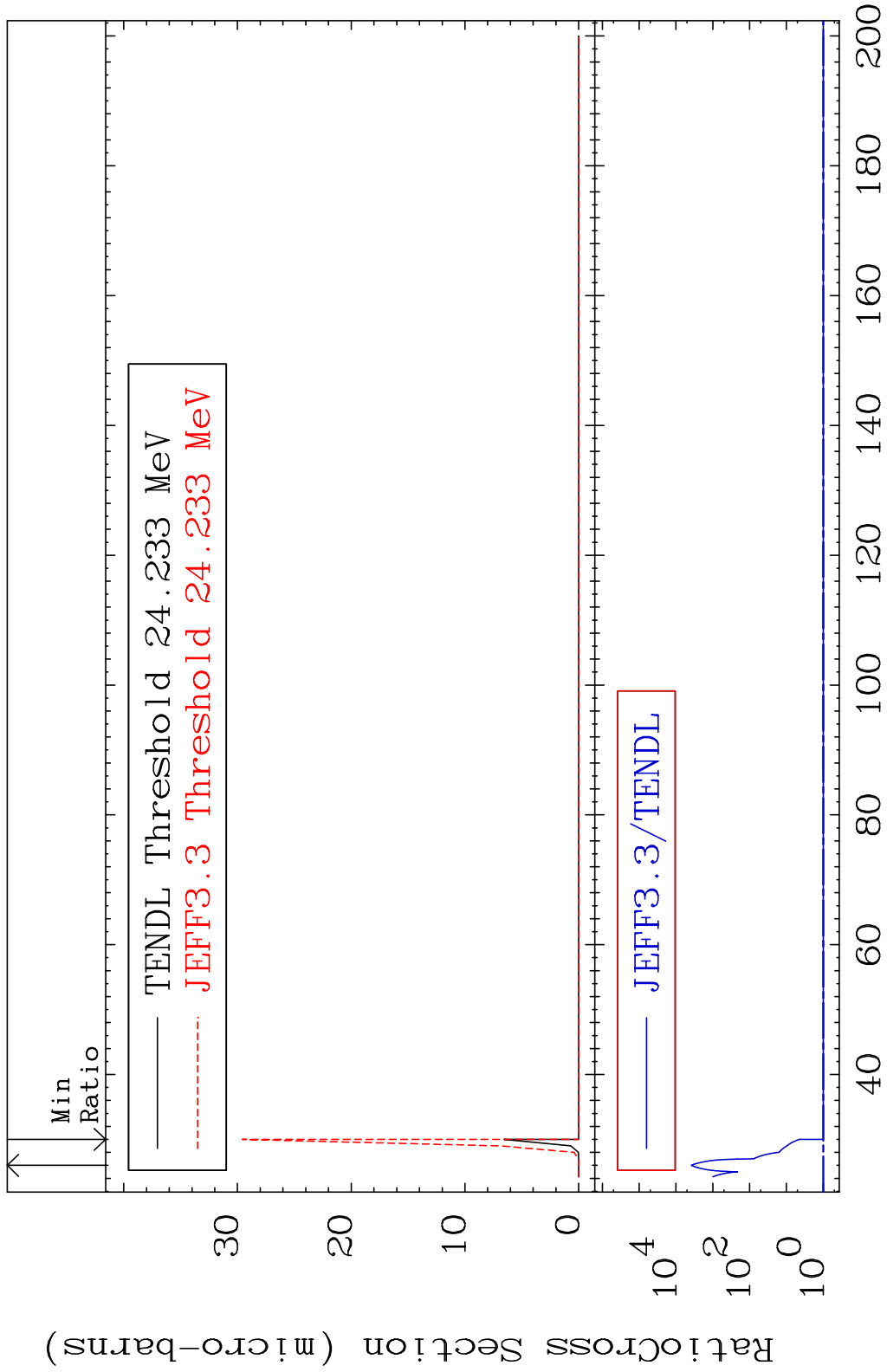




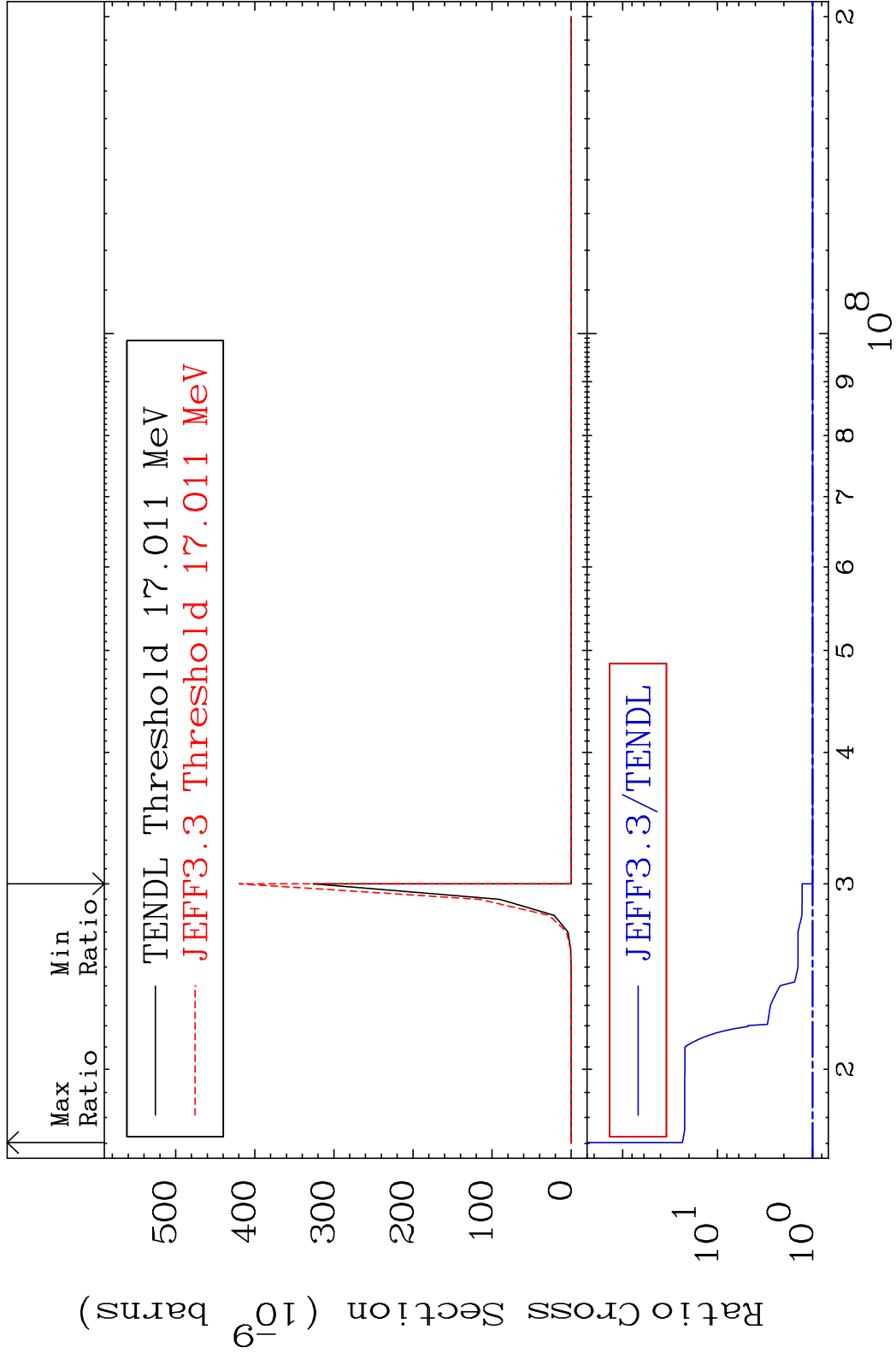
MAT 5247 (n,3n) p:51-Sb-124g 52-Te-127m
 Radionuclide Production Cross Section, % Valid 9999. %



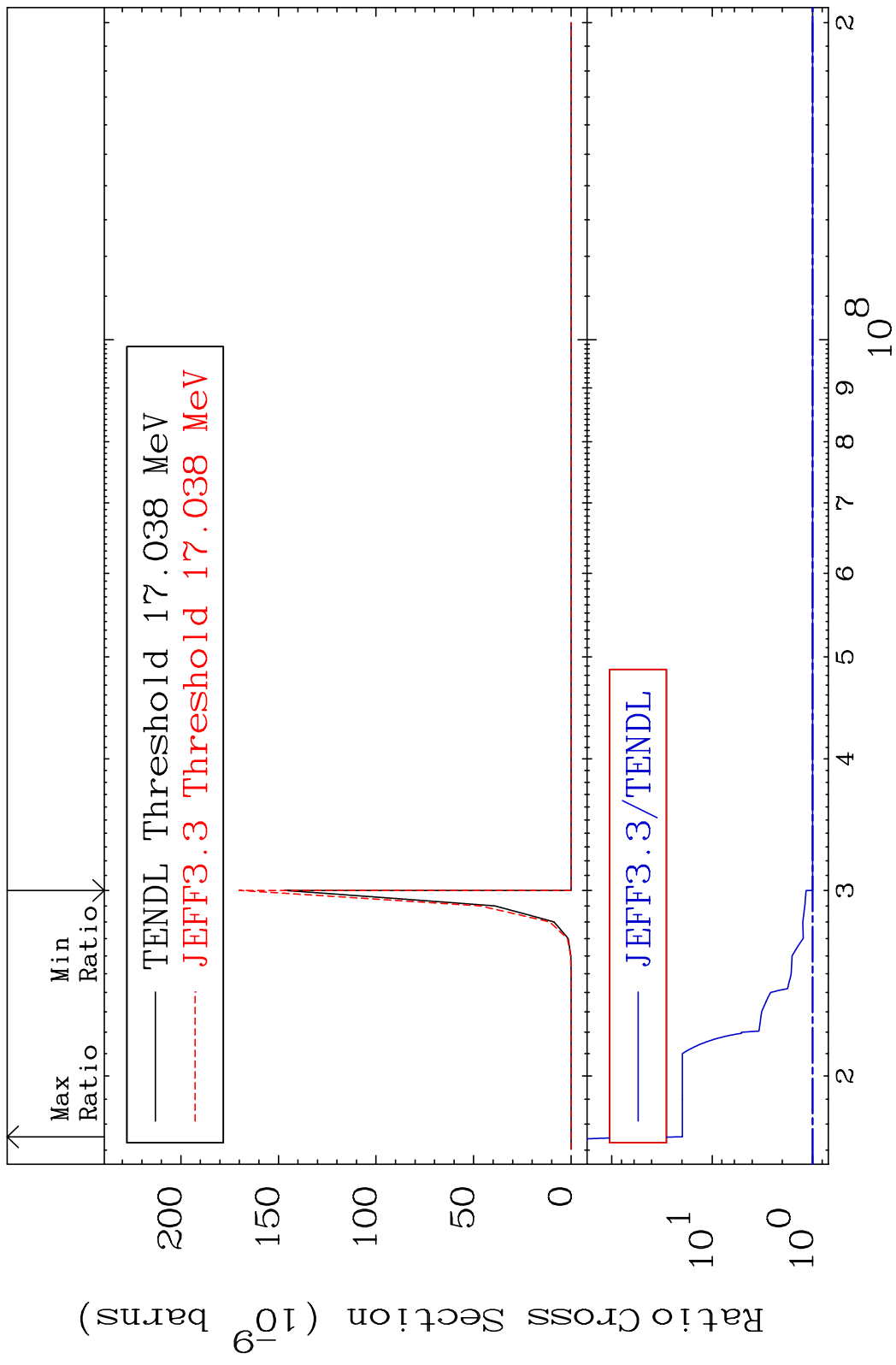




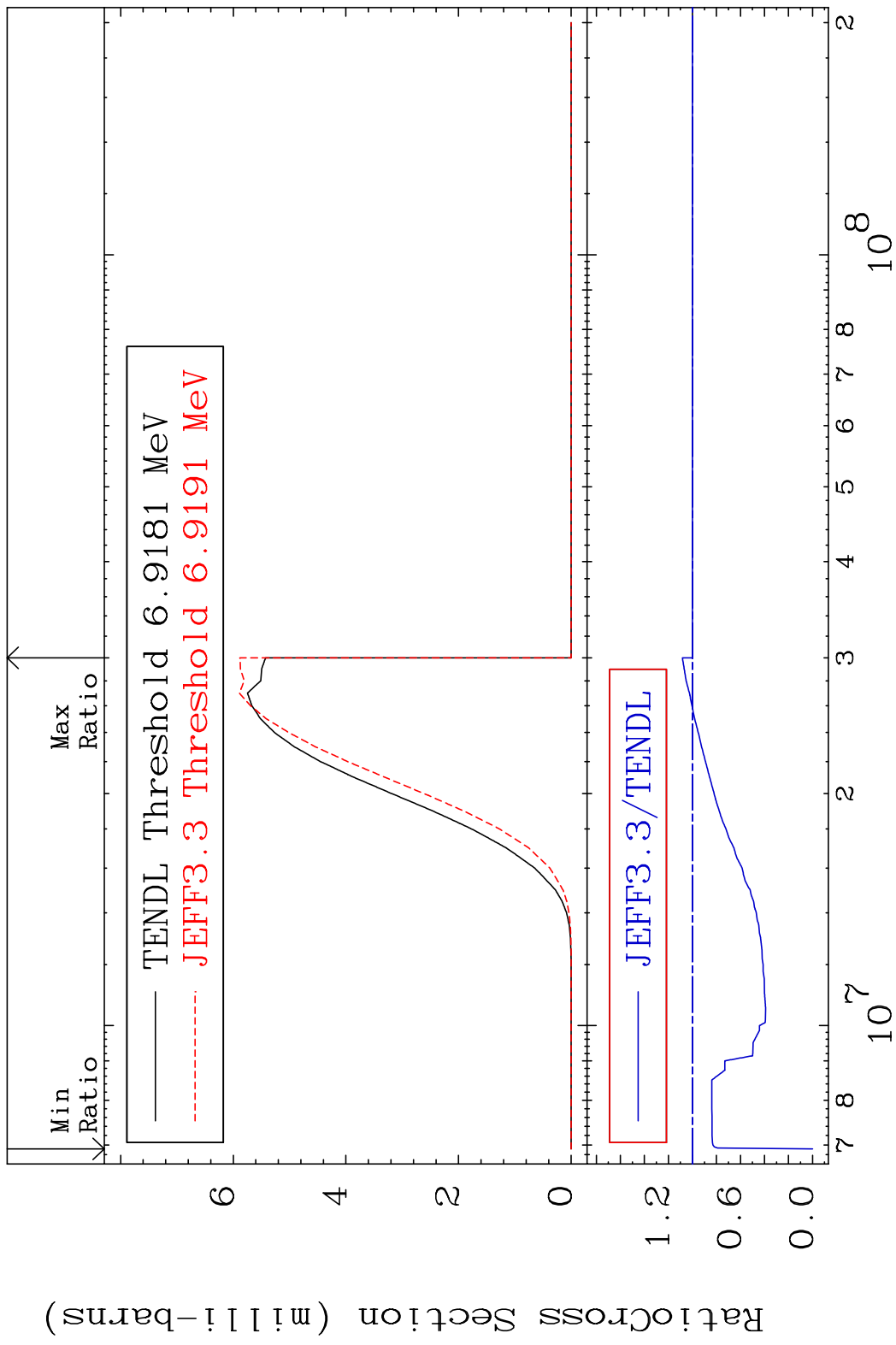
MAT 5247 (n,2n) p:50-Sn-125g 52-Te-127m
 Radionuclide Production Cross Section, %
 2252. %



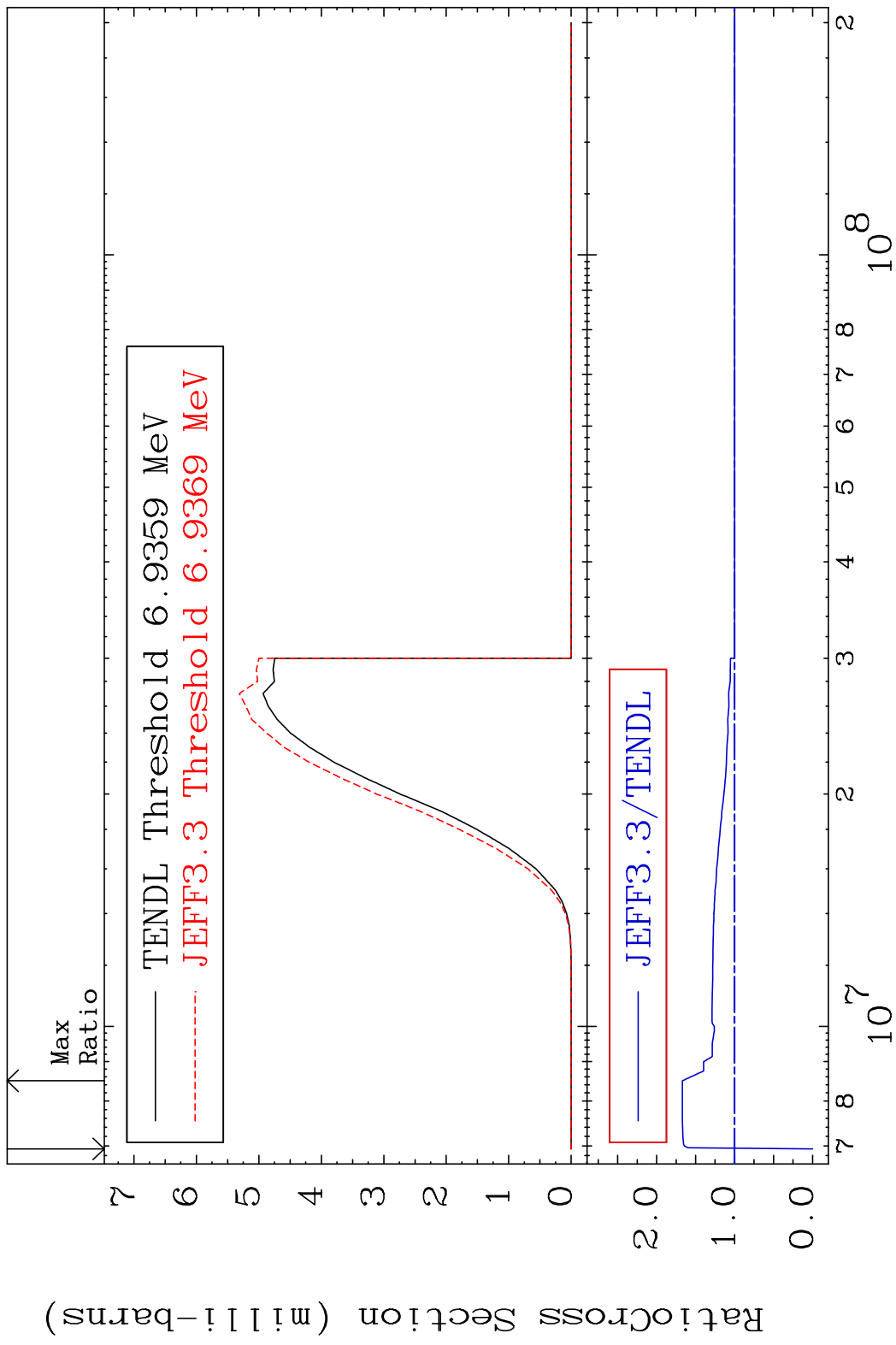
MAT 5247 (n,2n) p:50-Sn-125m1 52-Te-127m
 Radionuclide Production Cross Section, Solid 1881. %



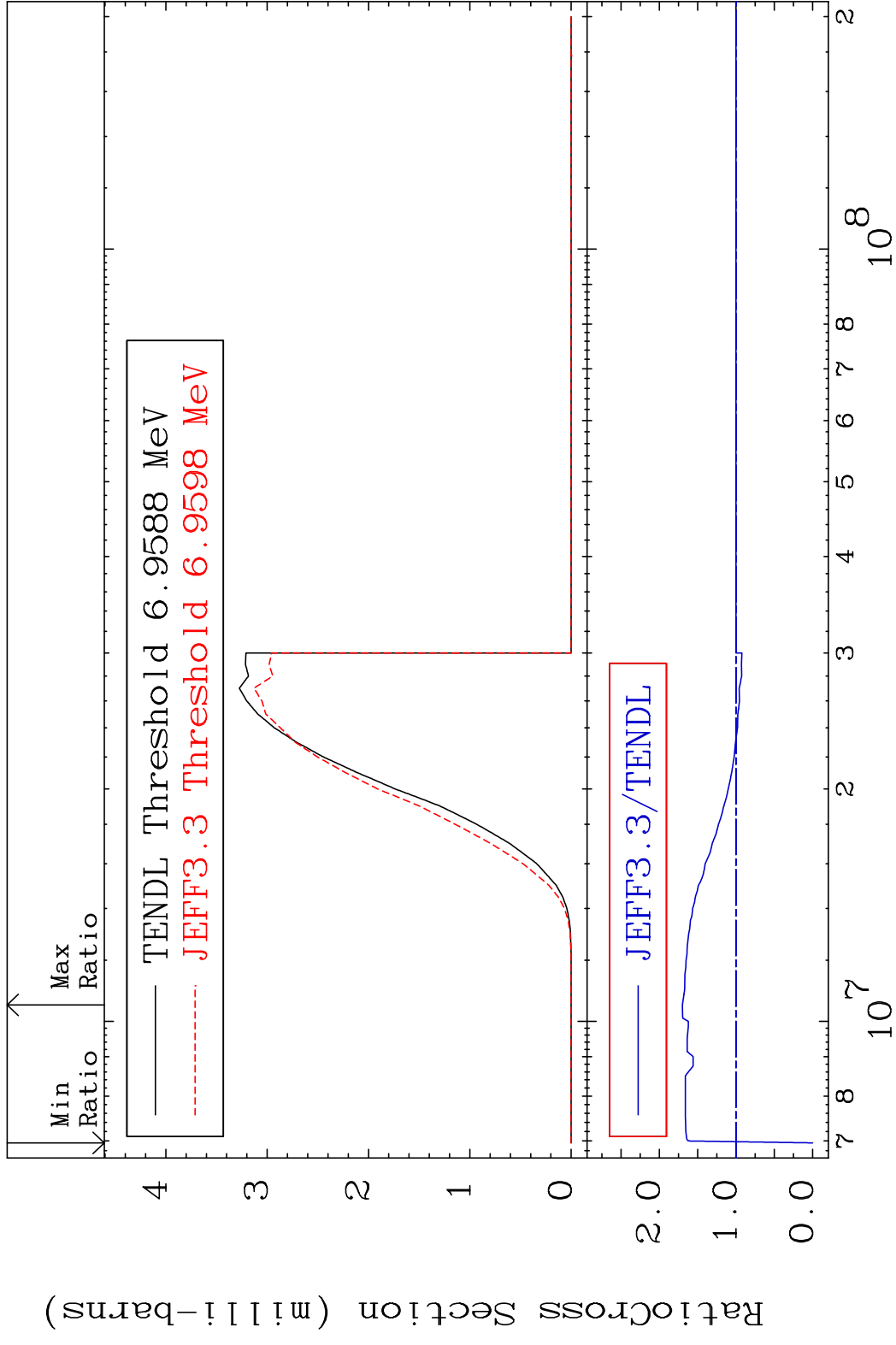
MAT 5247 (n, d):51-Sb-126g 52-Te-127m
 Radionuclide Production Cross Section 8.408 %



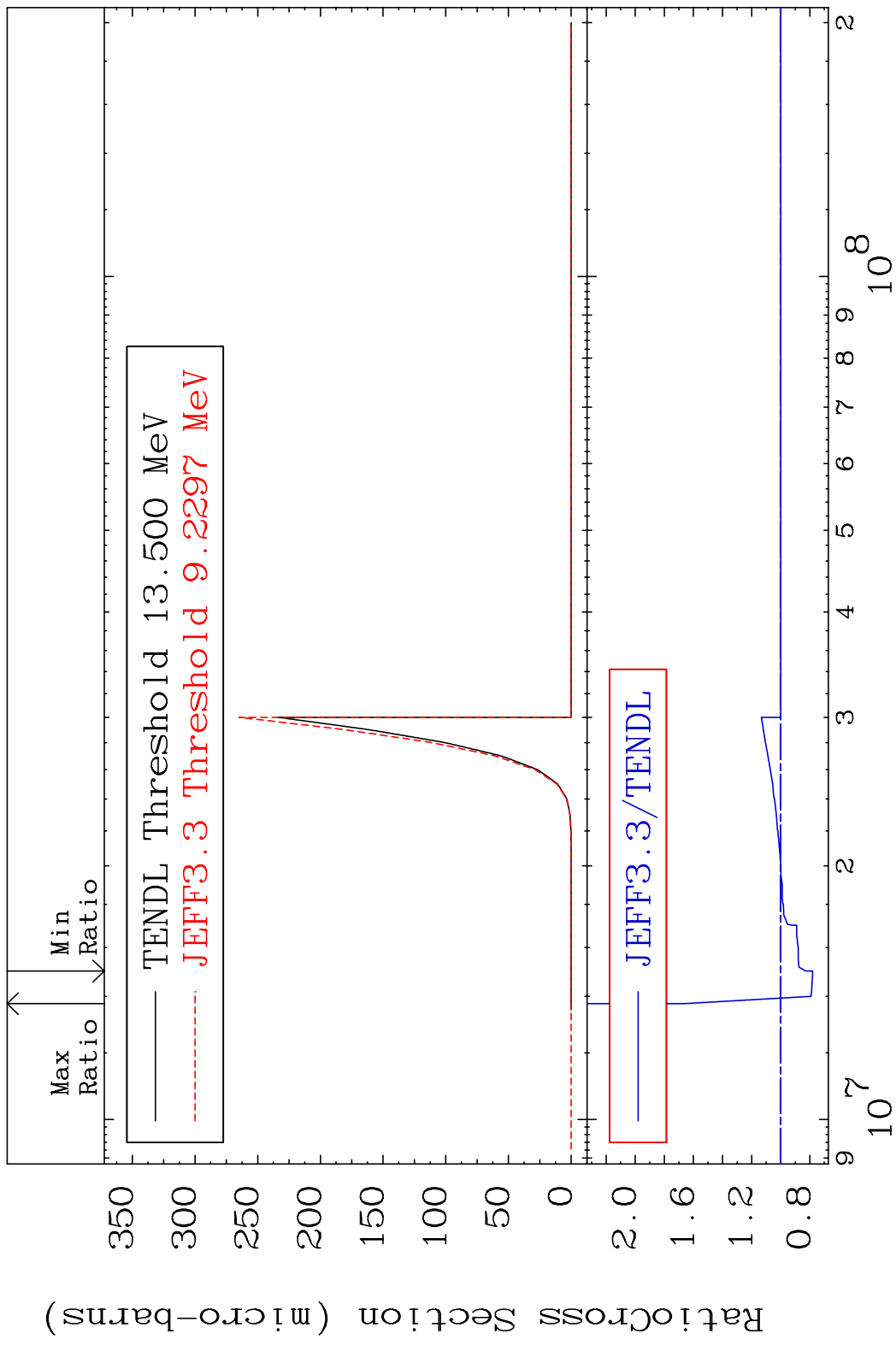
MAT 5247 (n, d):51-Sb-126m1 52-Te-127m
 Radionuclide Production Cross Section 180.01 dth 67.02 %



MAT 5247 (n, d):51-Sb-126m2 52-Te-127m
 Radionuclide Production Cross Section 69.89 %

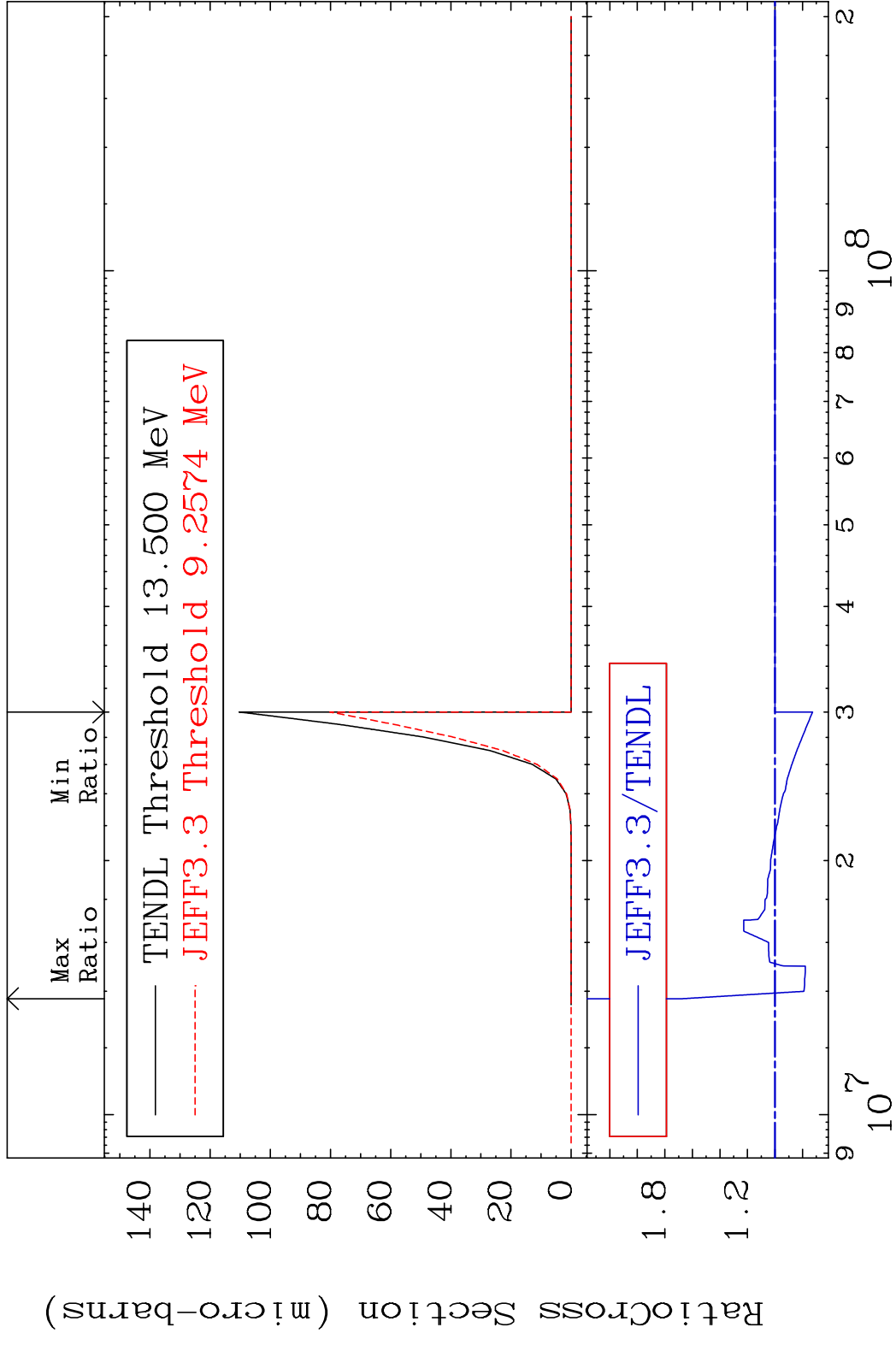


MAT 5247 (n, He-3):50-Sn-125g 52-Te-127m
 Radionuclide Production Cross Section to 67.61 %



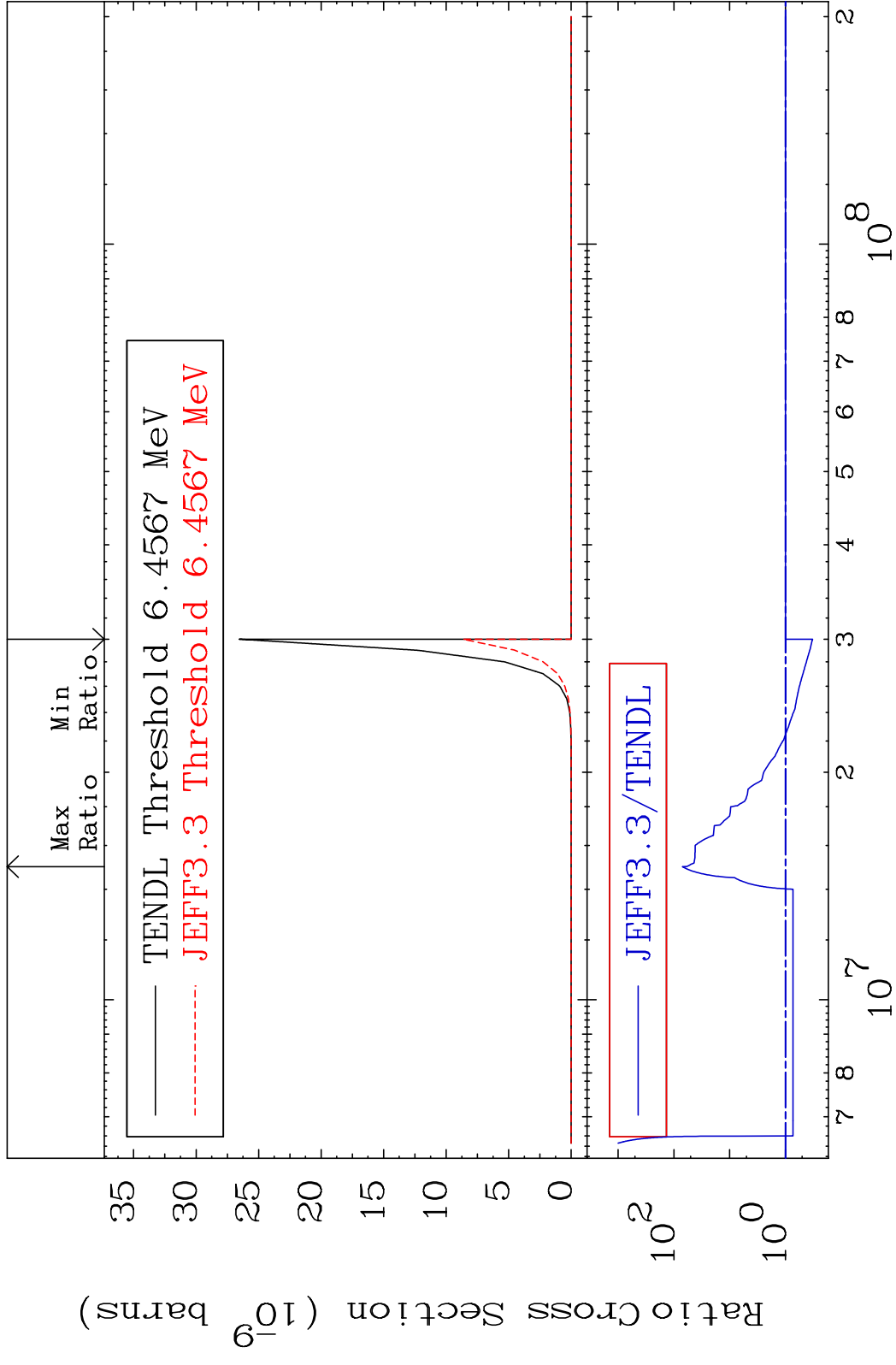
95 Incident Energy (eV) 52-Te-127m

MAT 5247 (n, He-3) : 50-Sn-125m1 52-Te-127m
 Radionuclide Production Cross Section 67.30 %

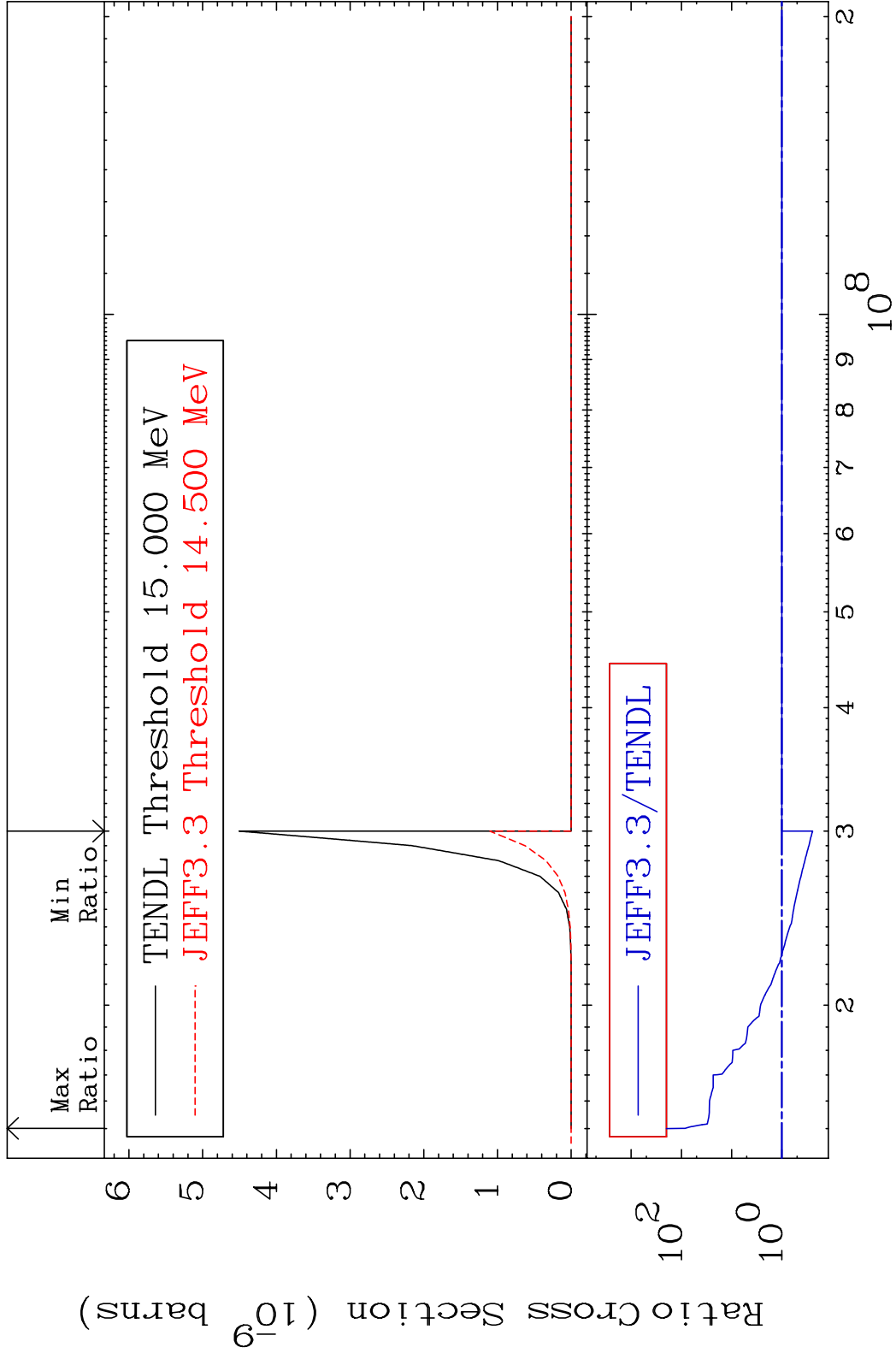


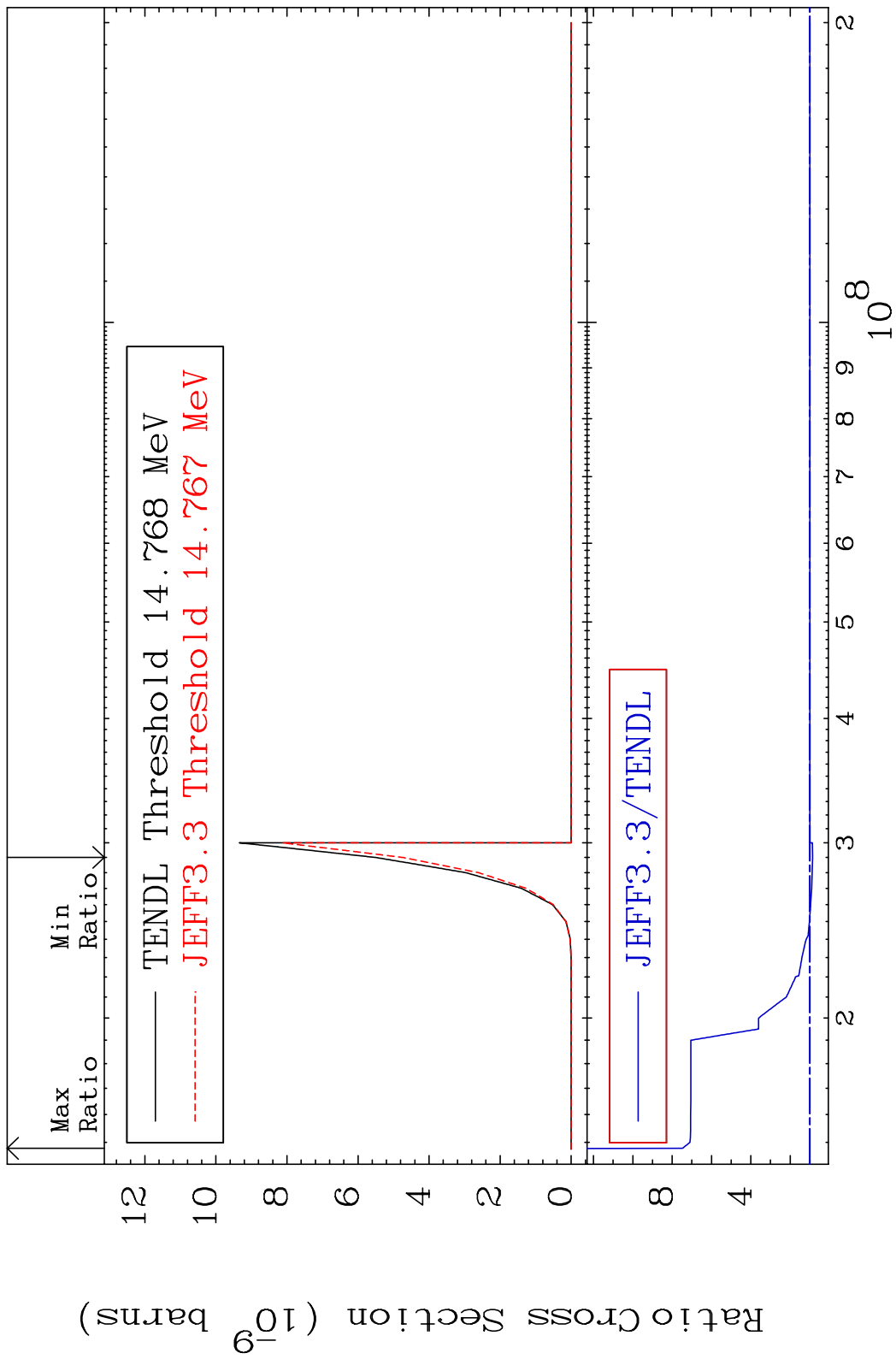
96 Incident Energy (eV) 52-Te-127m

MAT 5247 (n, p) α :49-In-123g 52-Te-127m
 Radionuclide Production Cross Section 6944. %

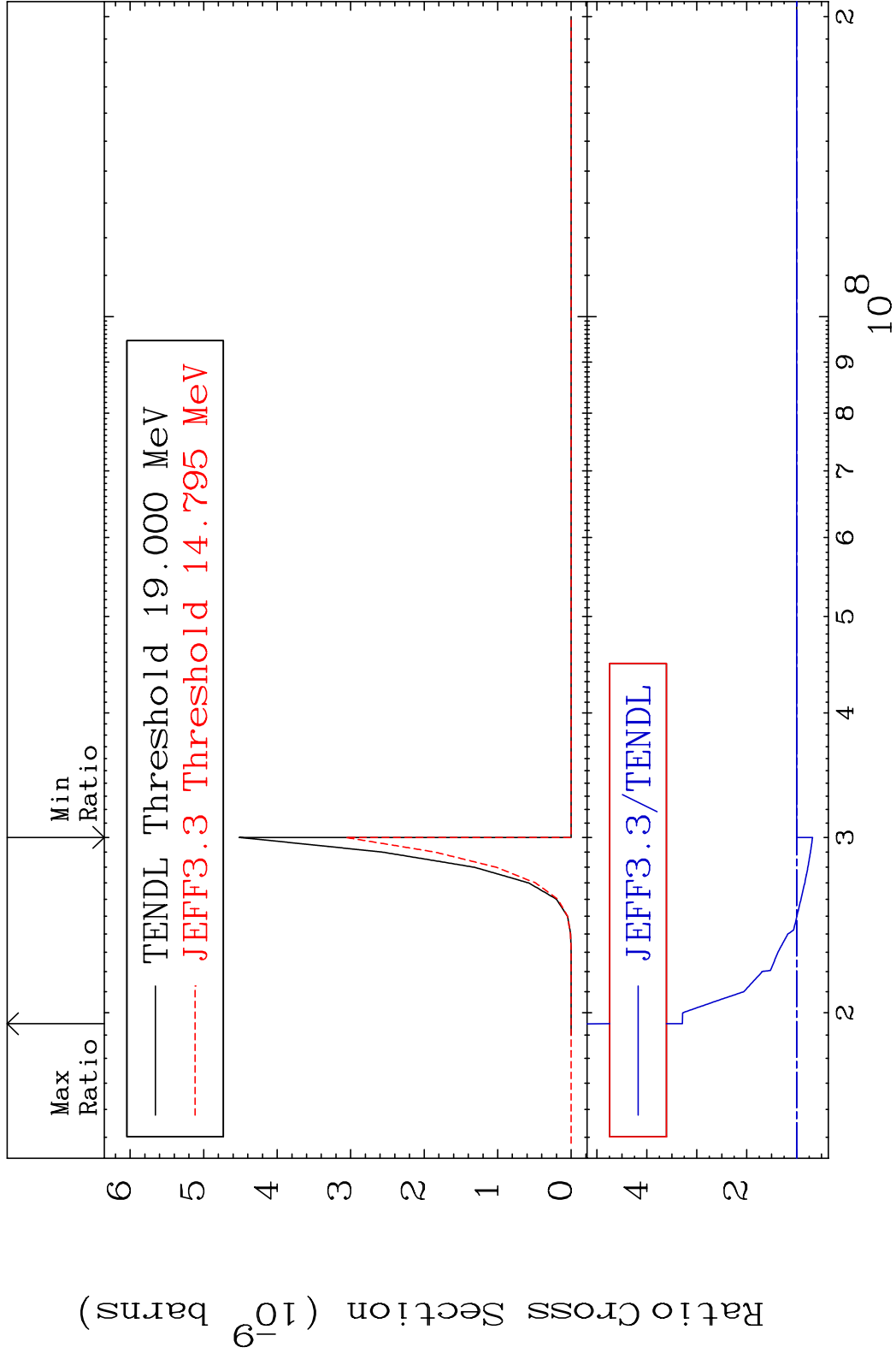


97 Incident Energy (eV) 52-Te-127m





MAT 5247 (n, p) d:50-Sn-125m1 52-Te-127m
 Radionuclide Production Cross Section 31e03i d10 228.9 %



100 Incident Energy (eV) 52-Te-127m