

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

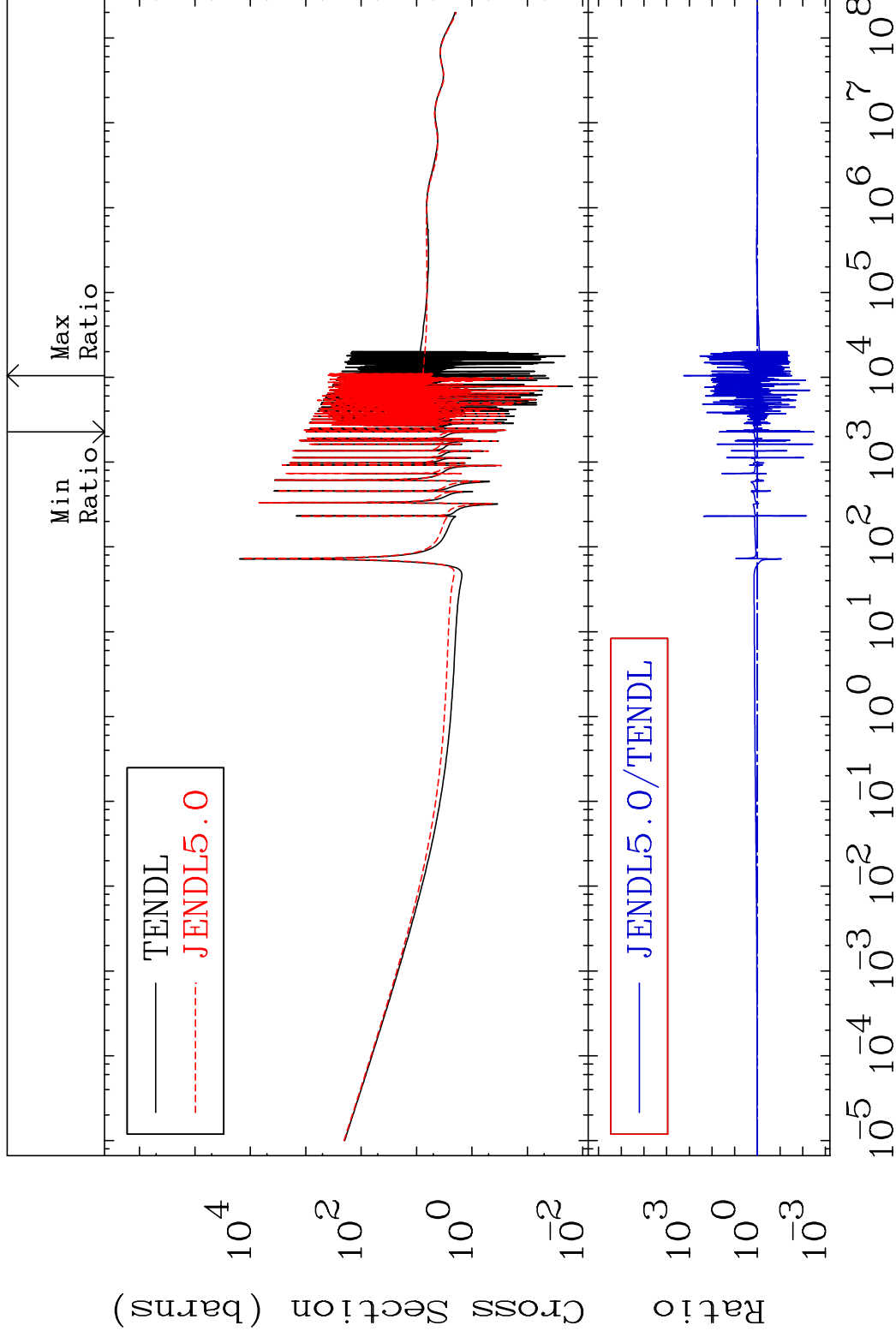
MAT 5231

Total

52-Te-122

Cross Section

-99.68 To 9999. %



1

Incident Energy (eV)

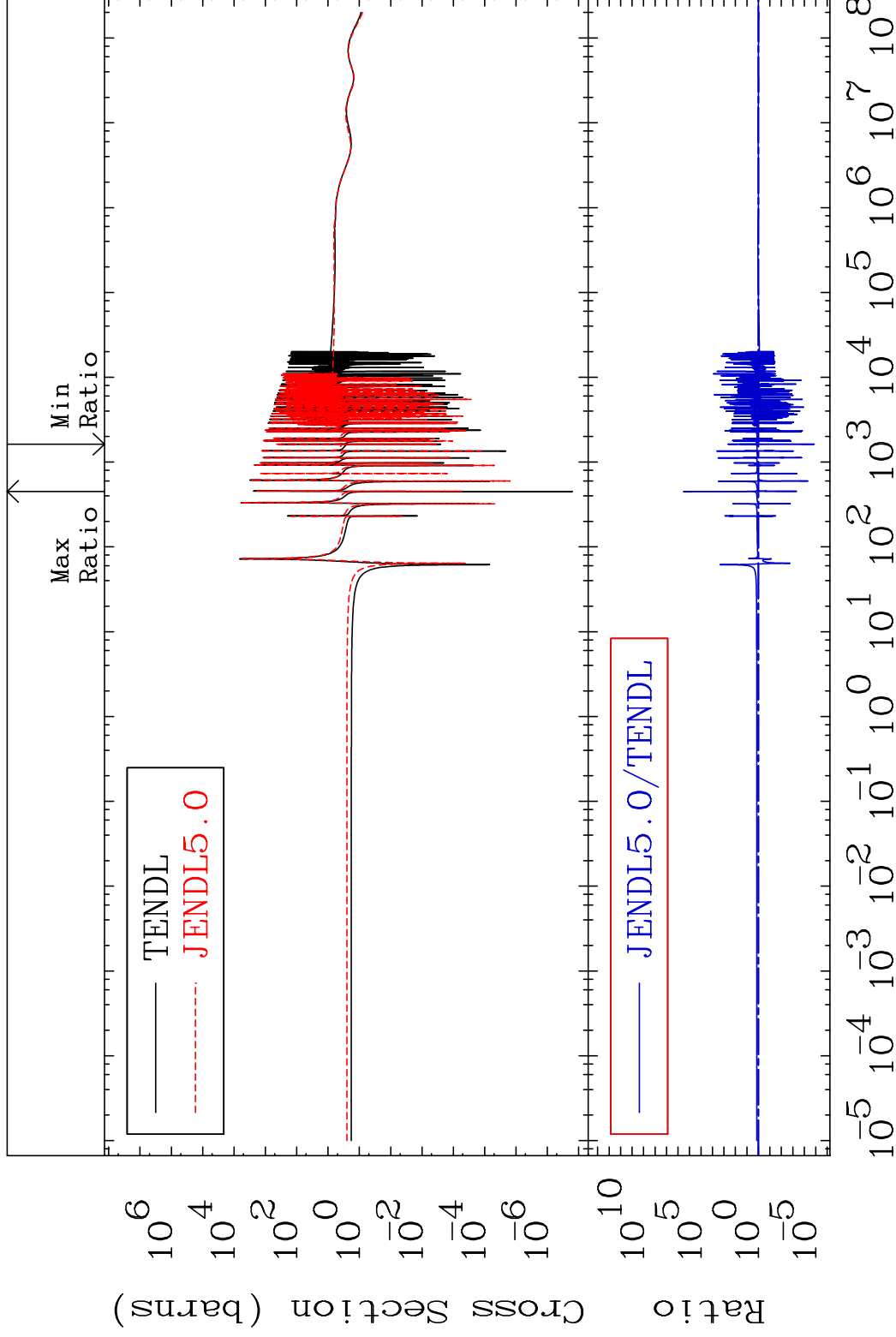
52-Te-122

MAT 5231

Elastic

52-Te-122

Cross Section -100.0 To 9999. %

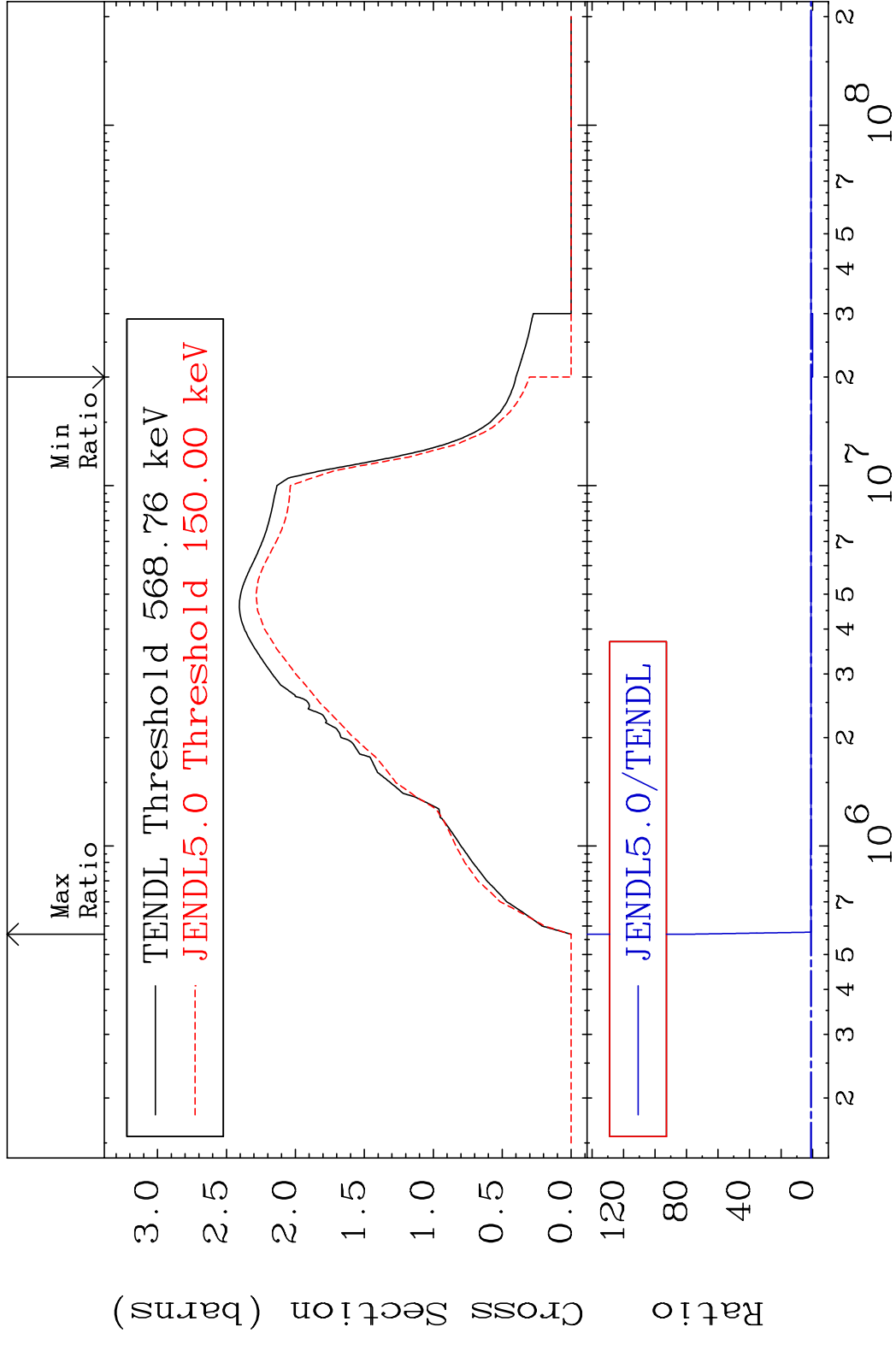


2

Incident Energy (eV)

52-Te-122

MAT 5231 Inelastic 52-Te-122
 Cross Section -100.0 To 8164. %

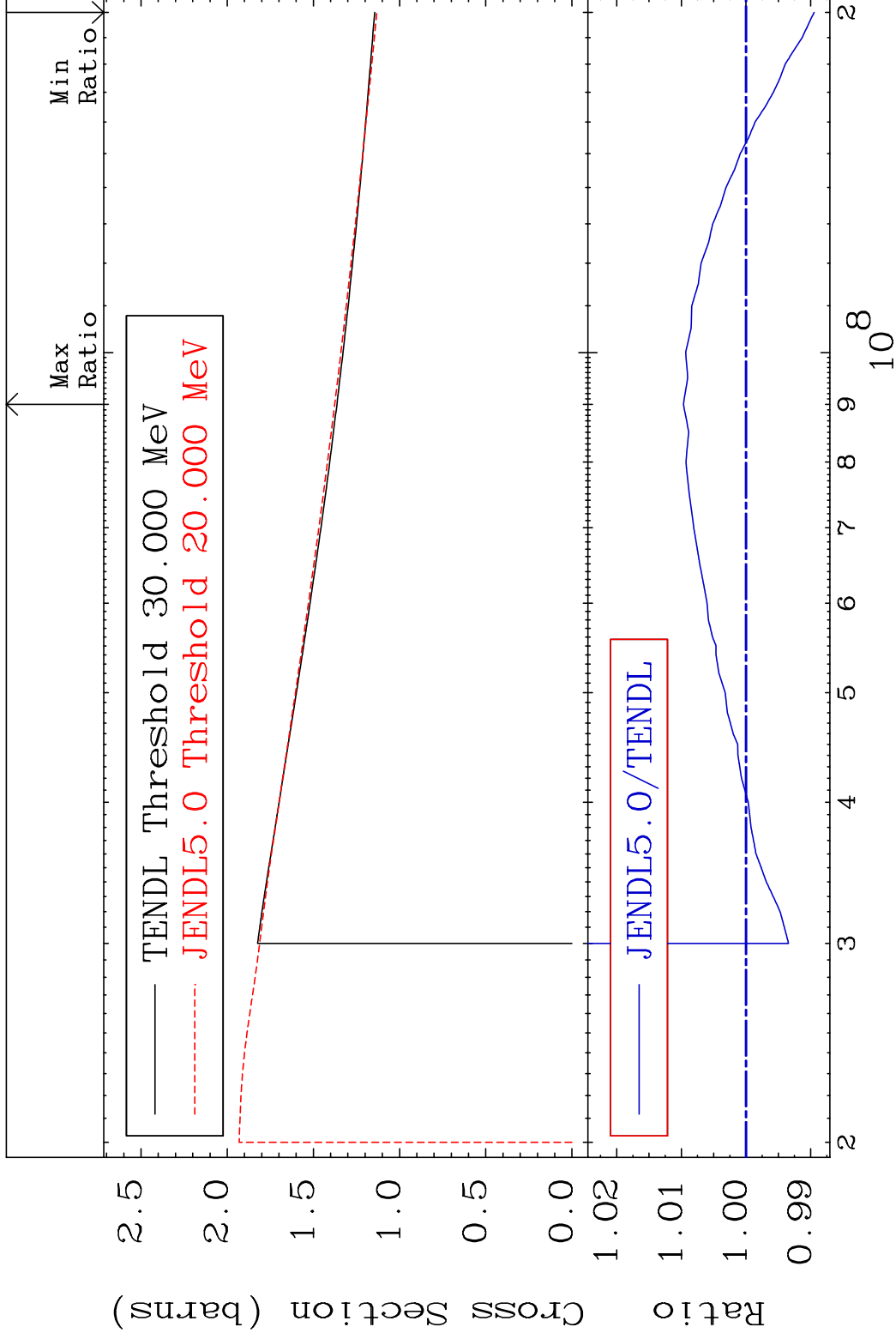


MAT 5231

(n, remainder)

52-Te-122

Cross Section -1.052 To 0.967 %



4

Incident Energy (eV)

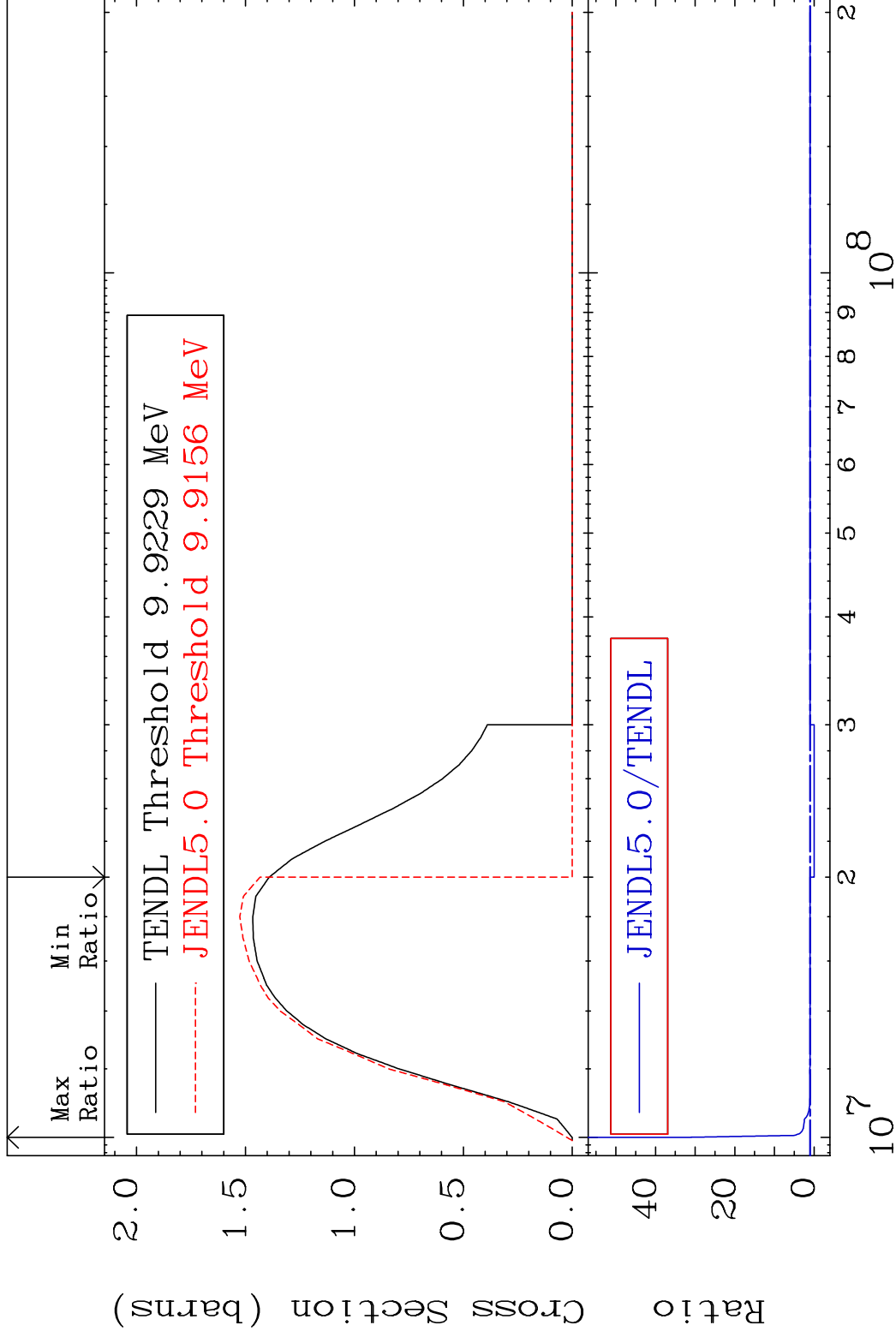
52-Te-122

MAT 5231

(n,2n)

52-Te-122

Cross Section -100.0 To 3189. %



5

Incident Energy (eV)

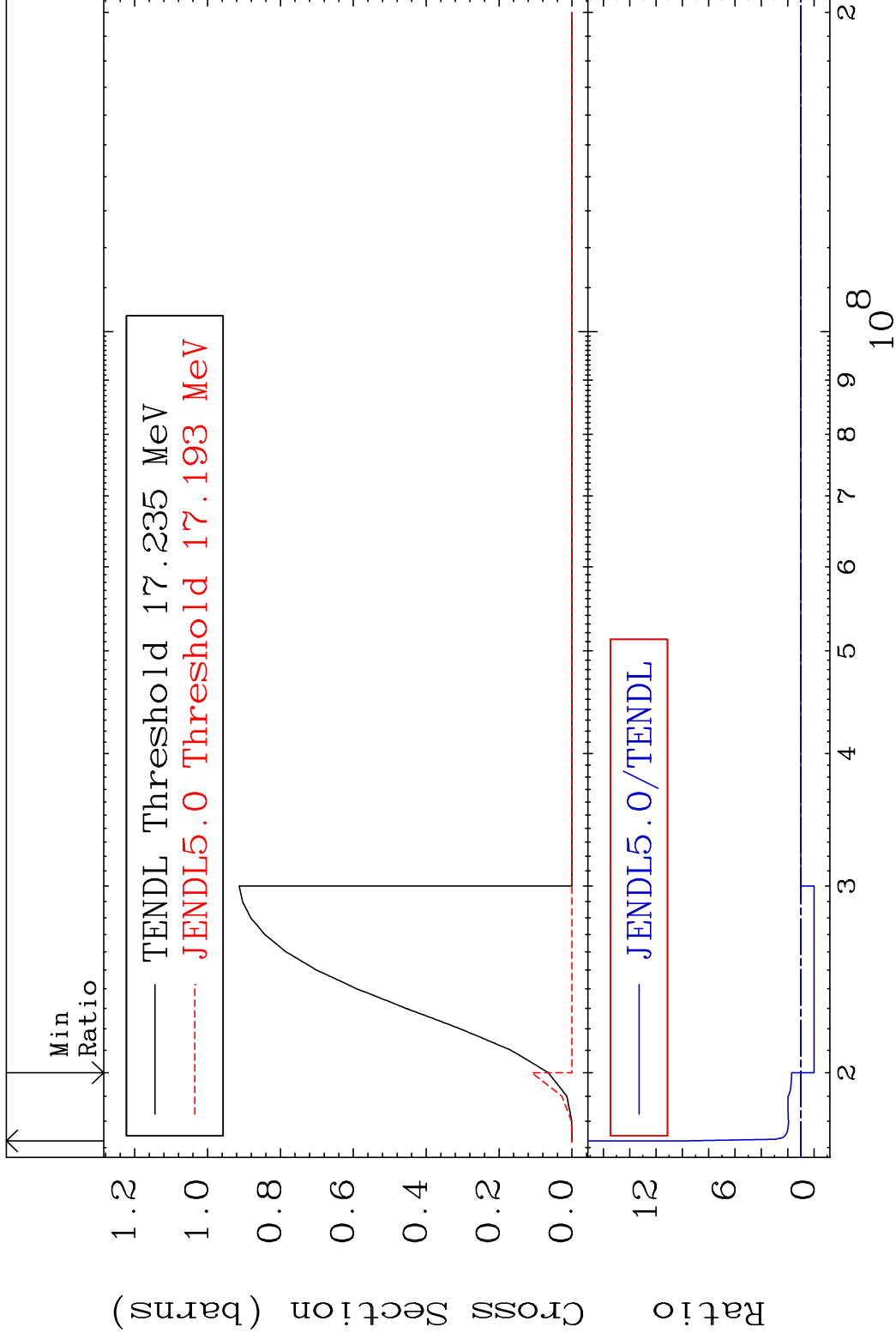
52-Te-122

MAT 5231

(n,3n)

52-Te-122

Cross Section -100.0 To 891.6 %

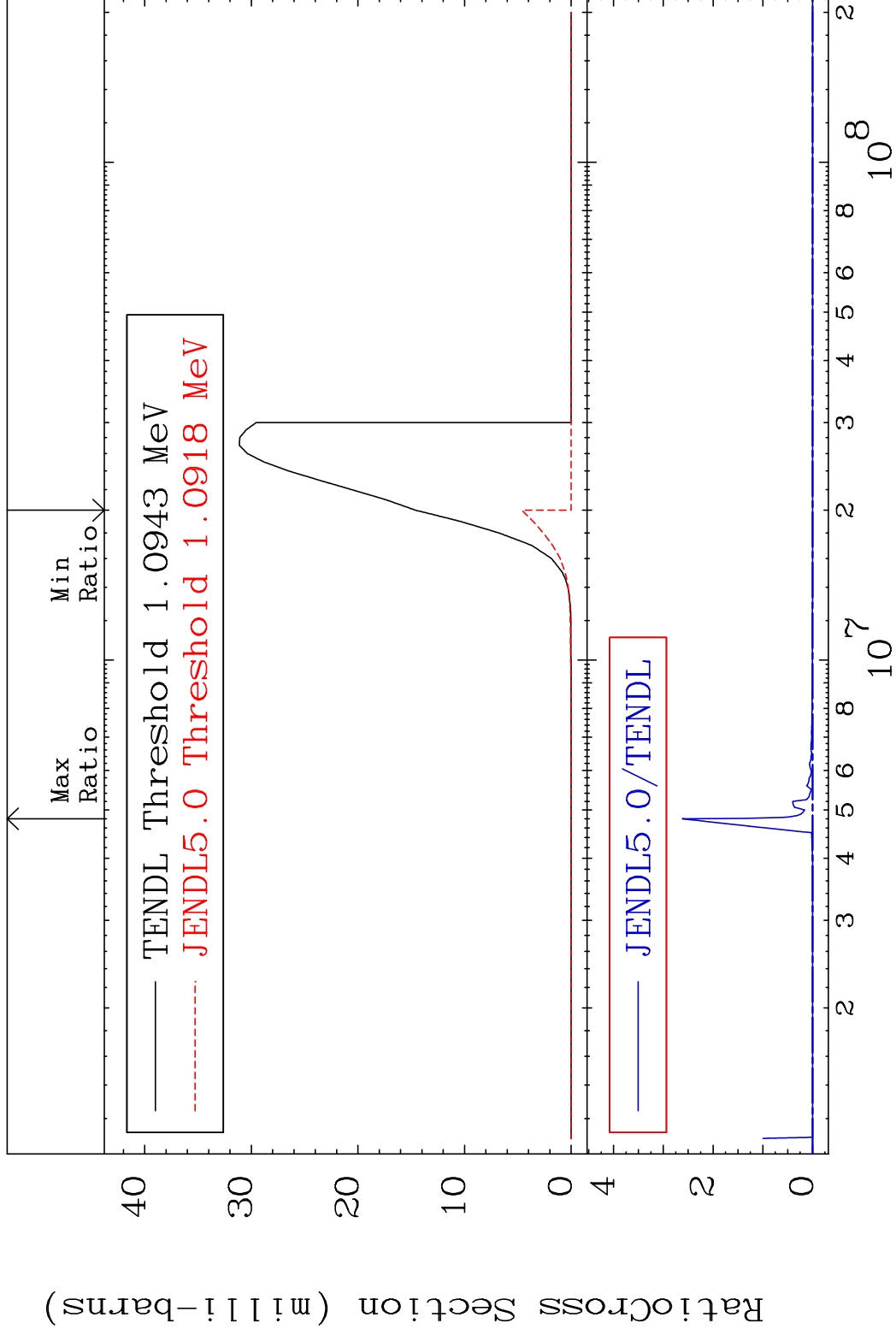


MAT 5231

(n, n') α

52-Te-122

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

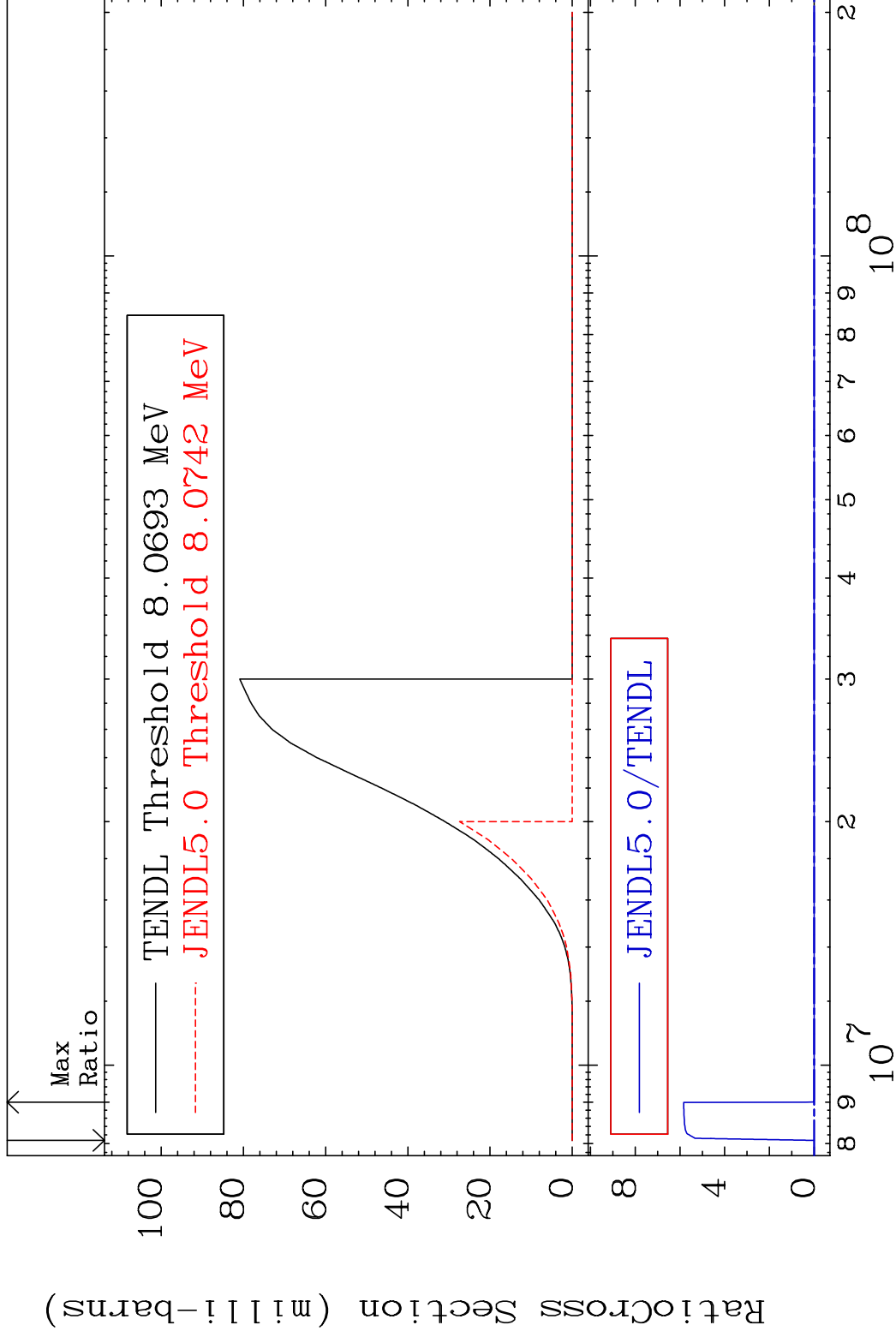
52-Te-122

MAT 5231

(n, n') p

52-Te-122

Cross Section -100.0 To 9999. %

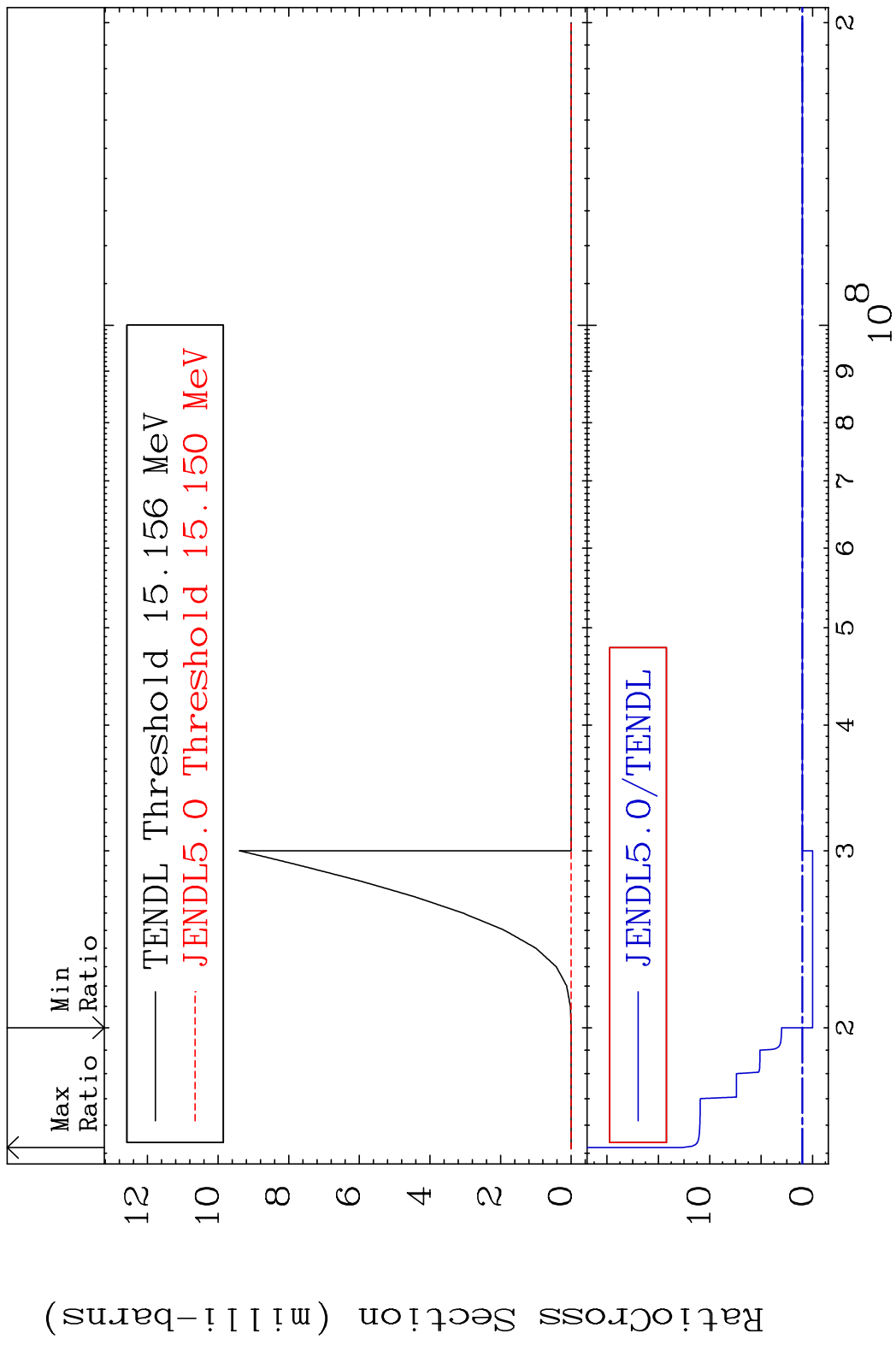


8

Incident Energy (eV)

52-Te-122

MAT 5231 (n, n') d 52-Te-122
 Cross Section -100.0 To 1167. %



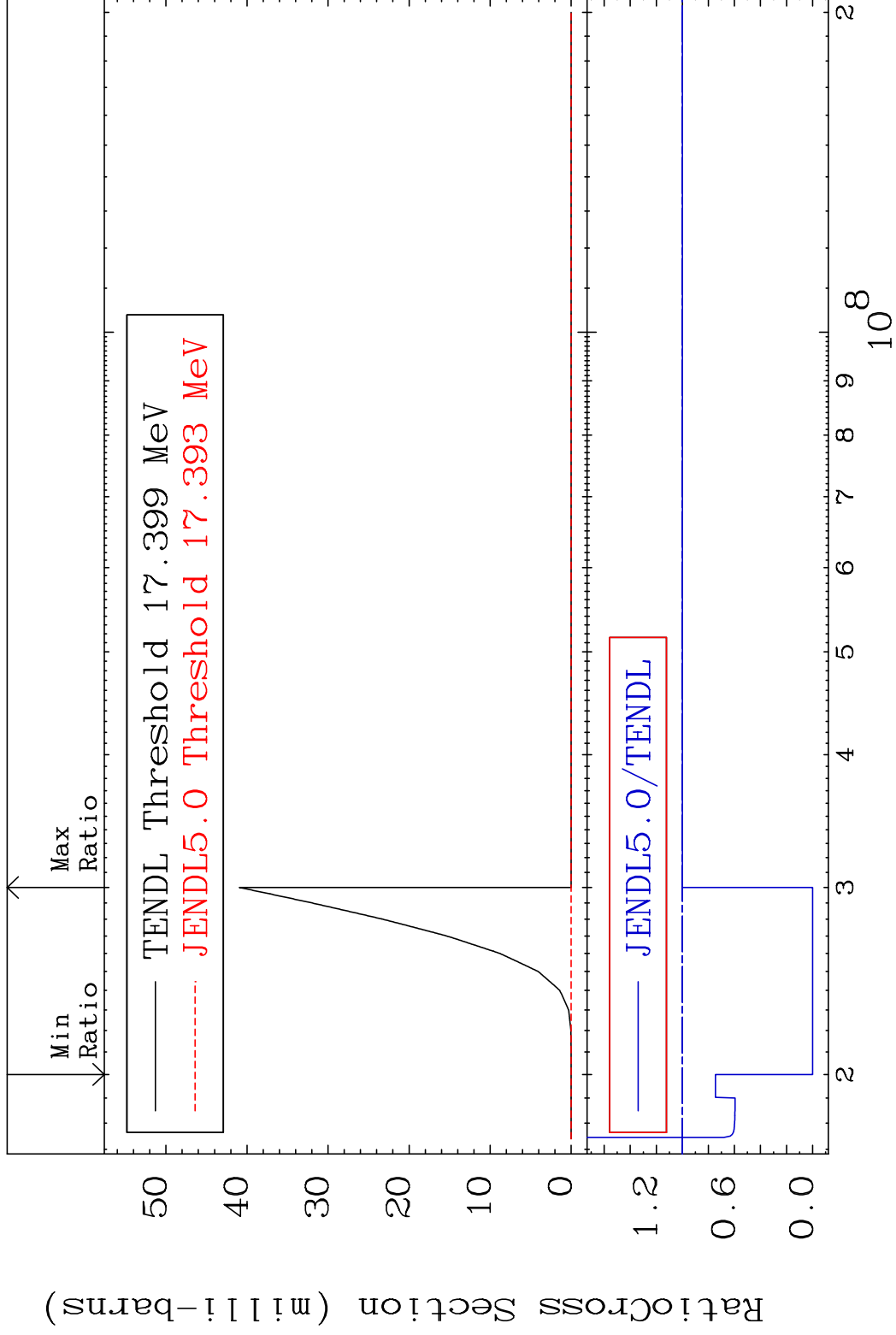
9 Incident Energy (eV) 52-Te-122

MAT 5231

(n,2n) p

52-Te-122

Cross Section -100.0 To 0.000 %

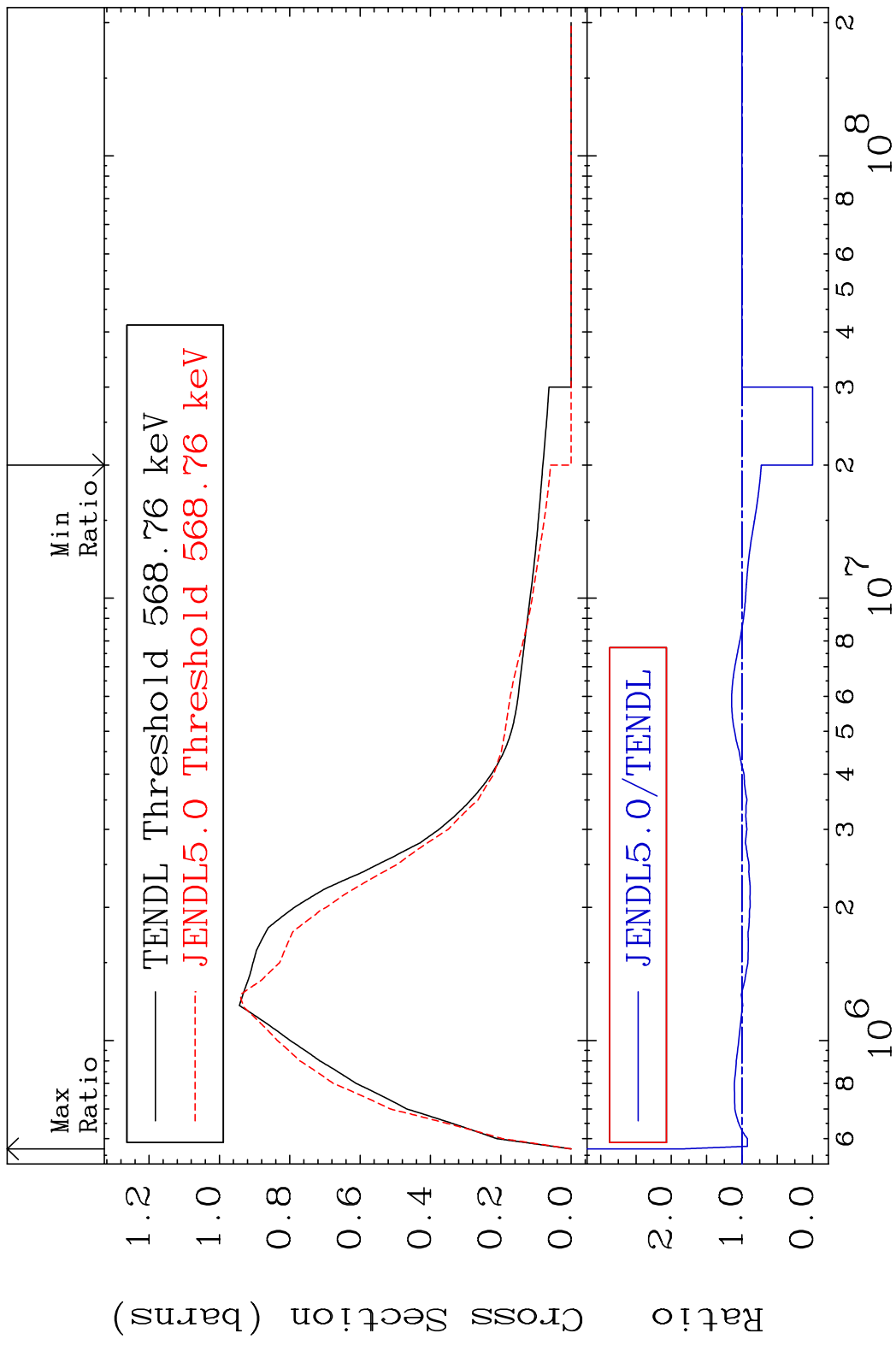


10

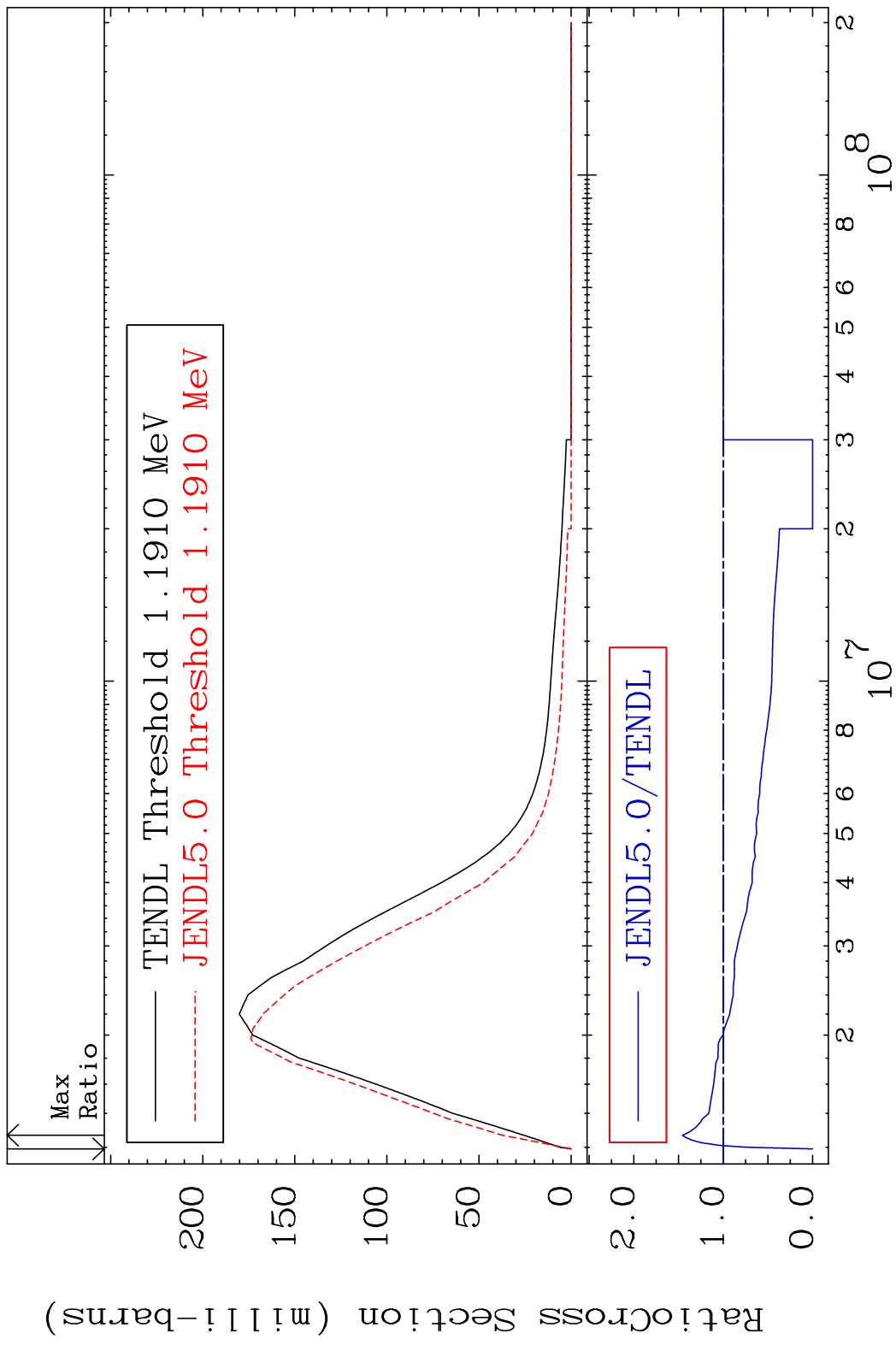
Incident Energy (eV)

52-Te-122

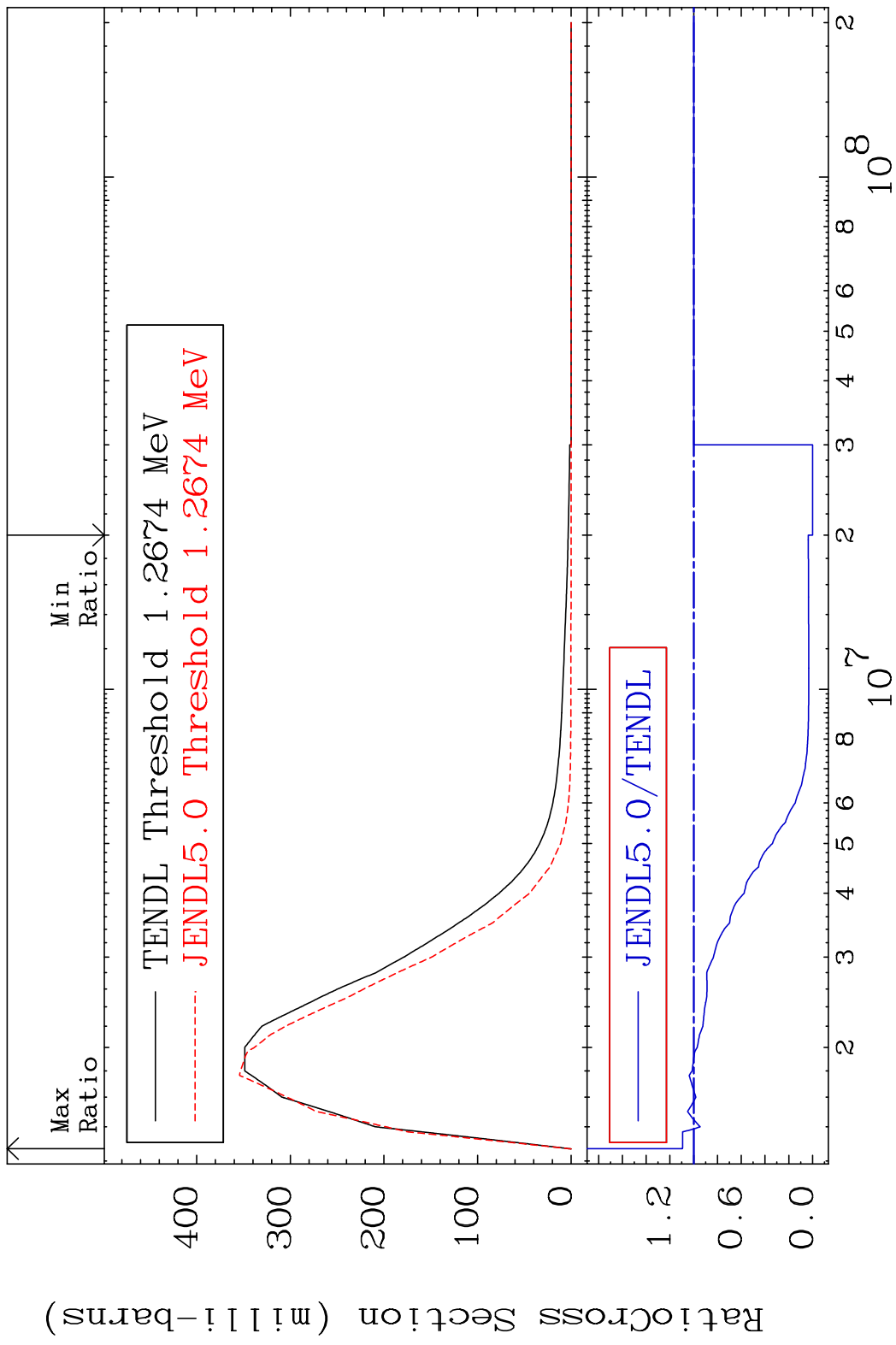
MAT 5231 MT= 51 (n, n') Level 52-Te-122
 Cross Section -100.0 To 84.35 %



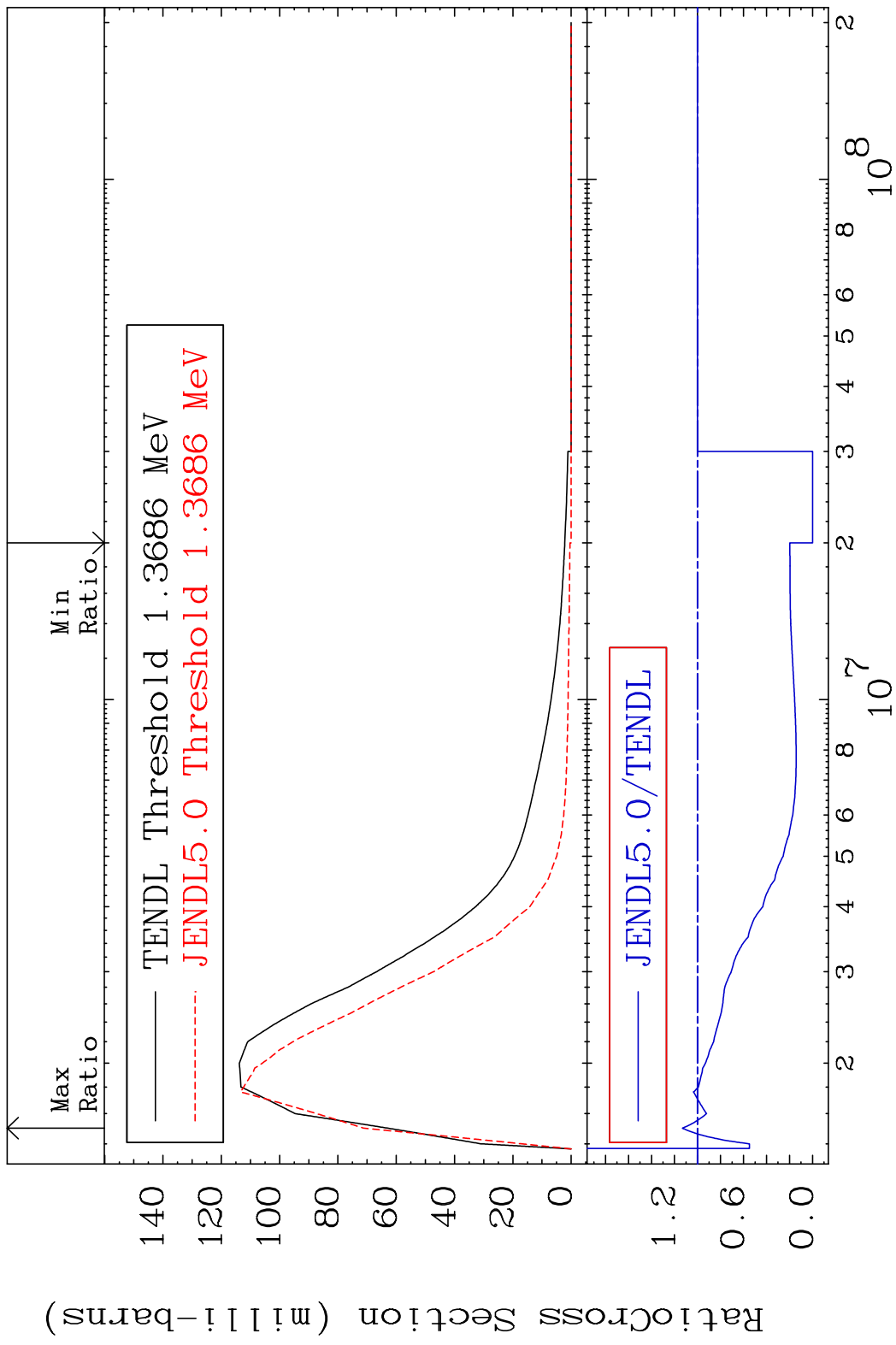
MAT 5231 MT= 52 (n, n') Level 52-Te-122
 Cross Section -100.0 To 45.61 %



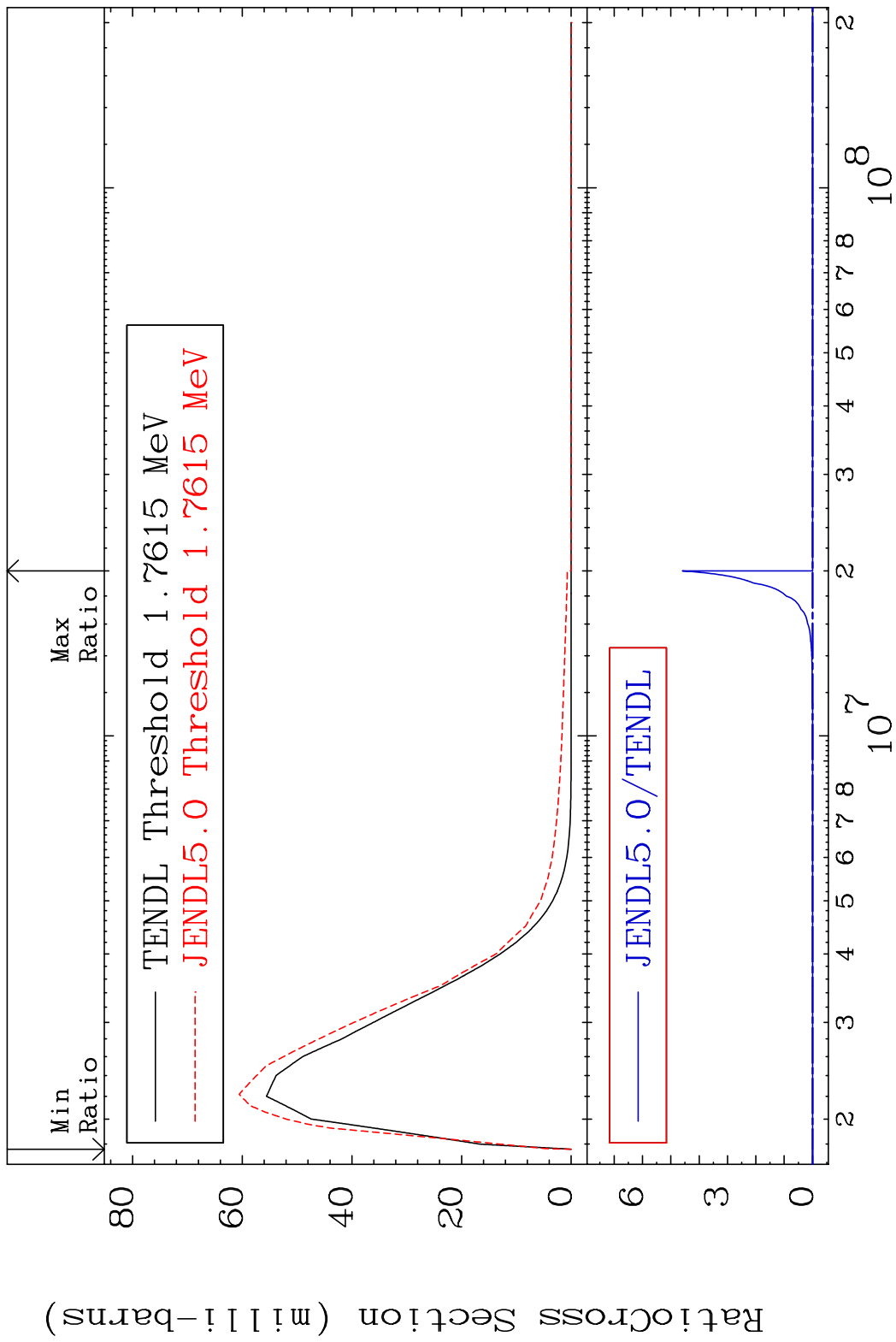
MAT 5231 MT= 53 (n, n') Level 52-Te-122
 Cross Section -100.0 To 9.537 %



MAT 5231 MT= 54 (n, n') Level 52-Te-122
 Cross Section -100.0 To 13.18 %

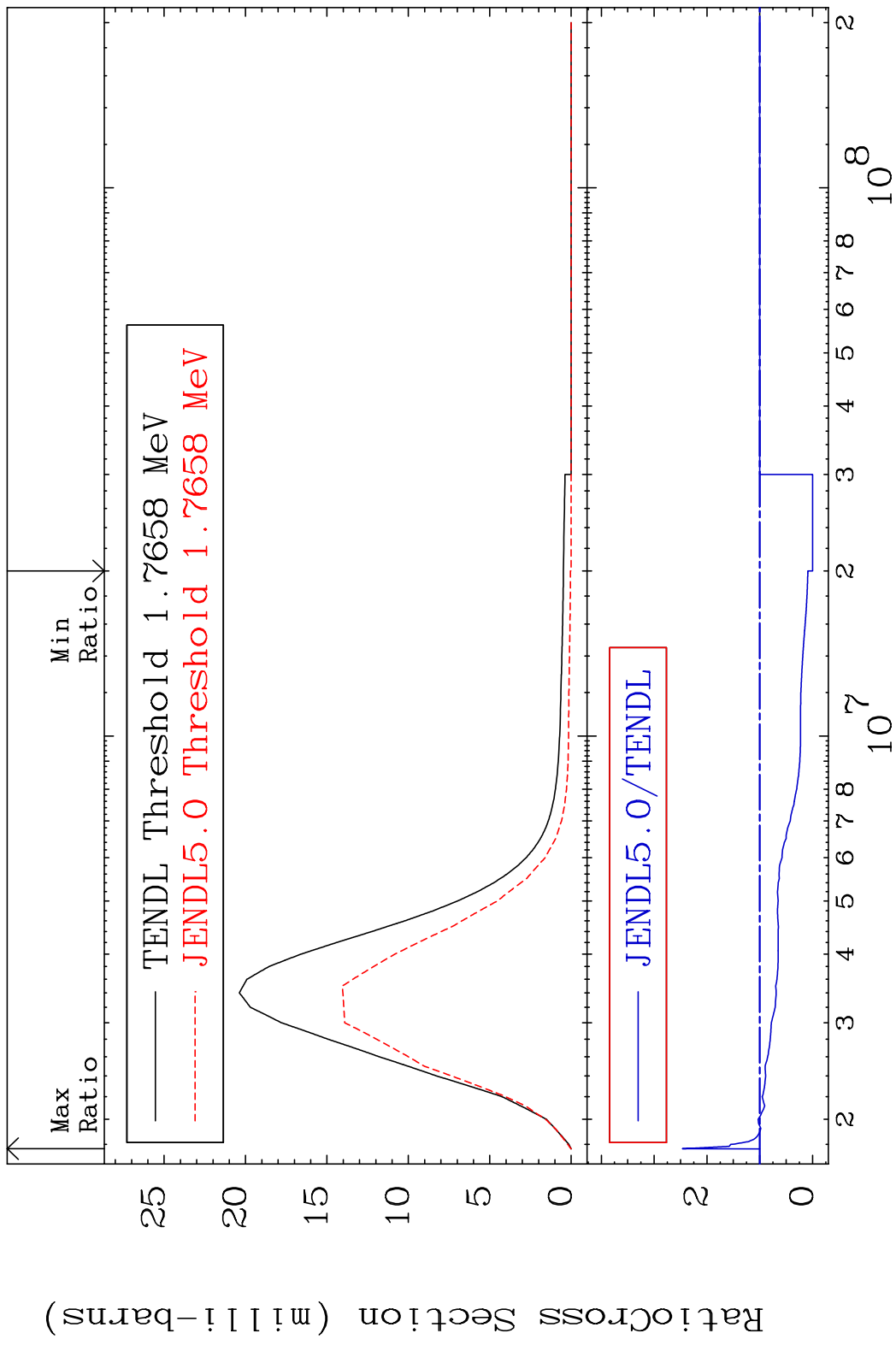


MAT 5231 MT= 55 (n, n') Level 52-Te-122
 Cross Section -100.0 To 9999. %

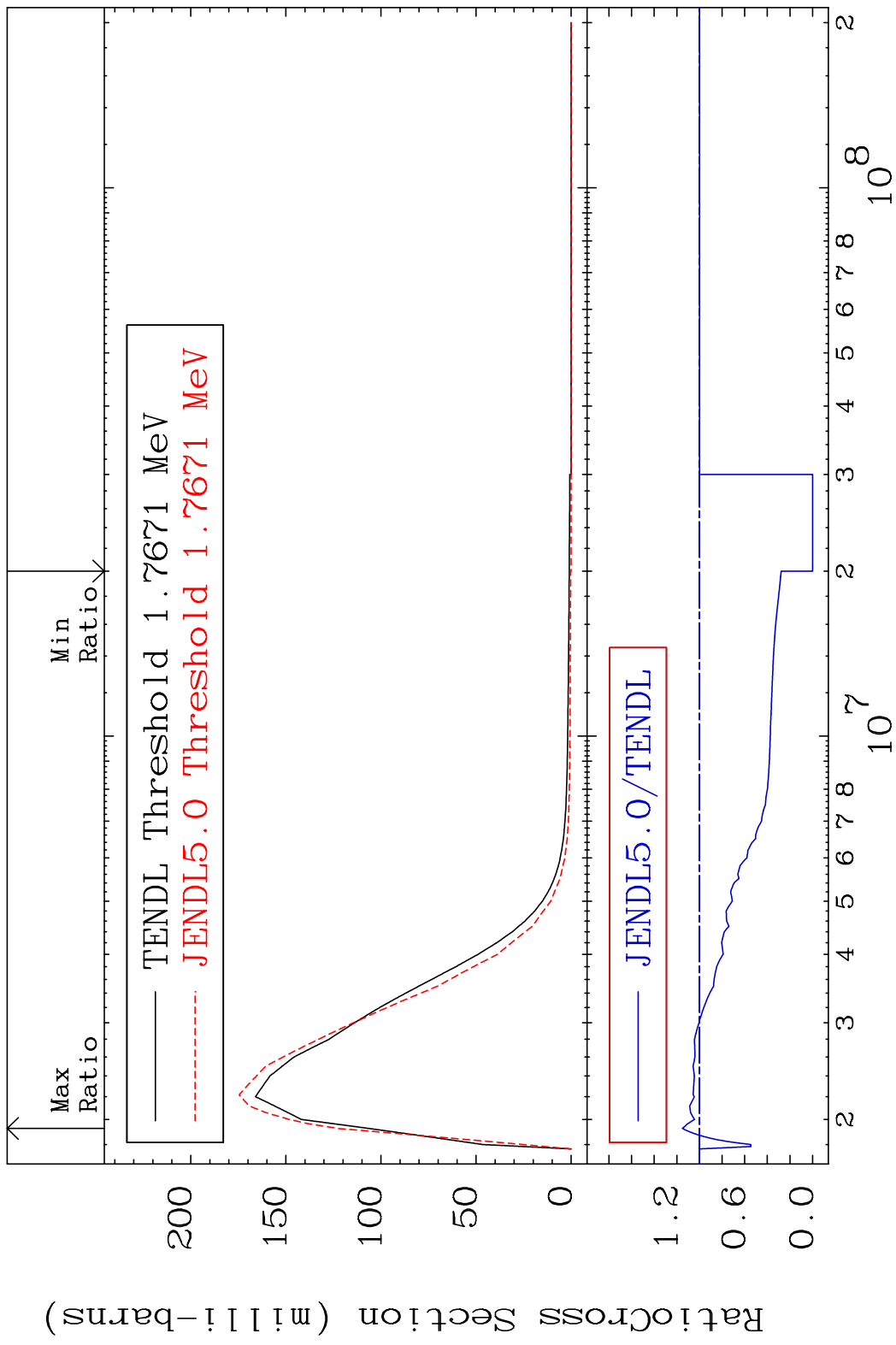


15 Incident Energy (eV) 52-Te-122

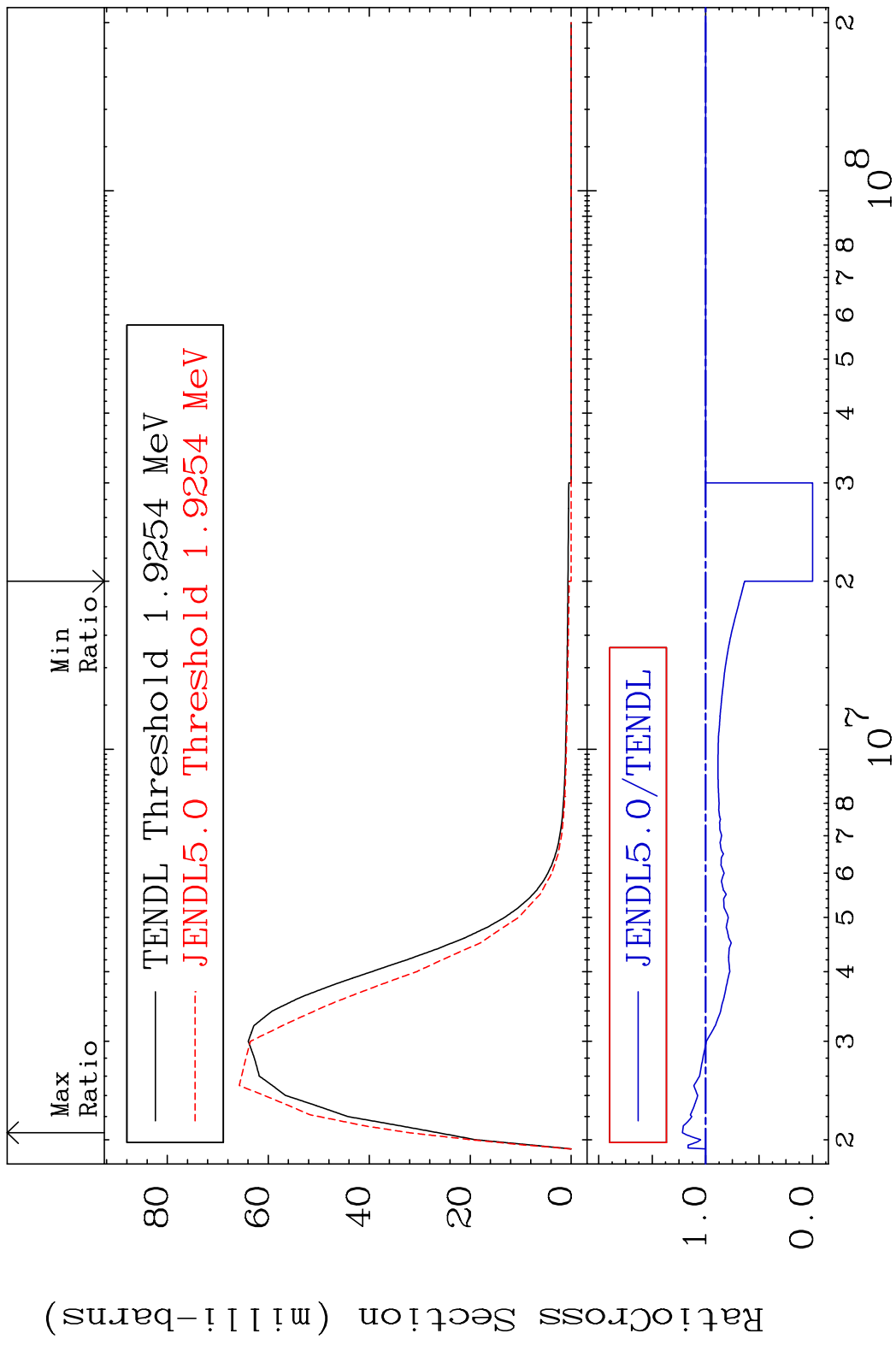
MAT 5231 MT= 56 (n, n') Level 52-Te-122
 Cross Section -100.0 To 146.6 %



MAT 5231 MT= 57 (n, n') Level 52-Te-122
 Cross Section -100.0 To 15.12 %

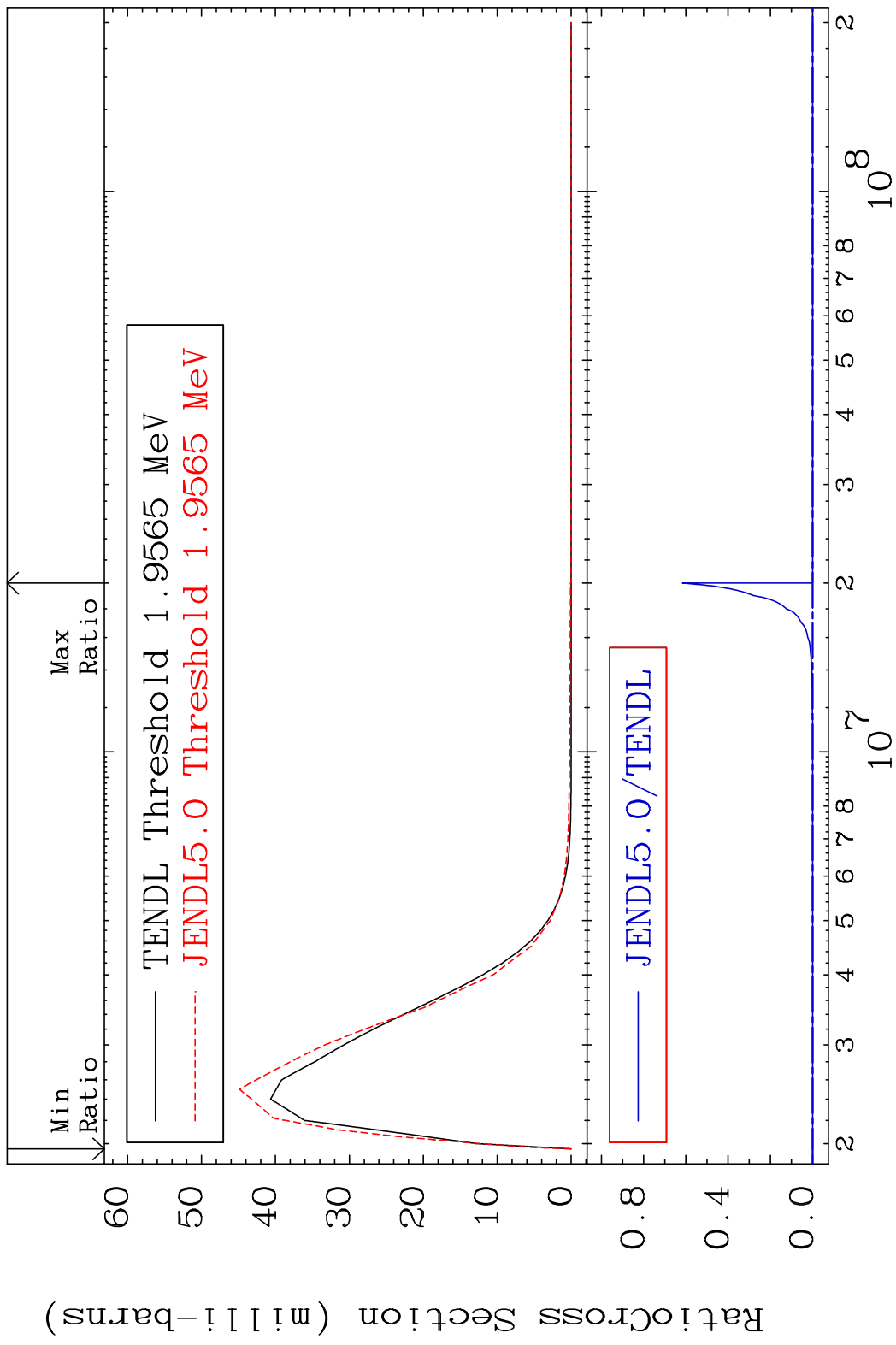


MAT 5231 MT= 58 (n, n') Level 52-Te-122
 Cross Section -100.0 To 21.82 %

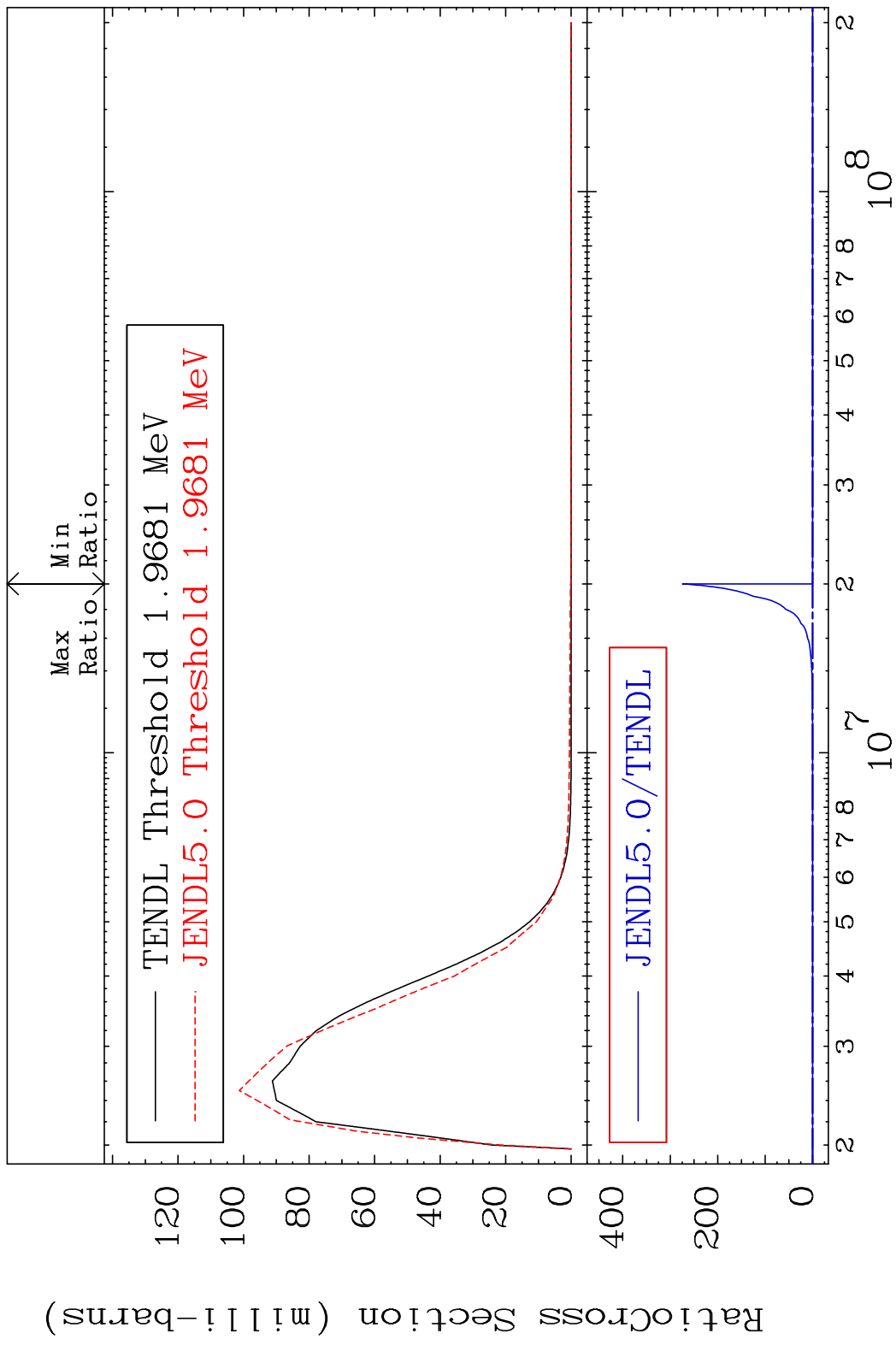


18 18 Incident Energy (eV) 52-Te-122

MAT 5231 MT= 59 (n, n') Level 52-Te-122
 Cross Section -100.0 To 9999. %

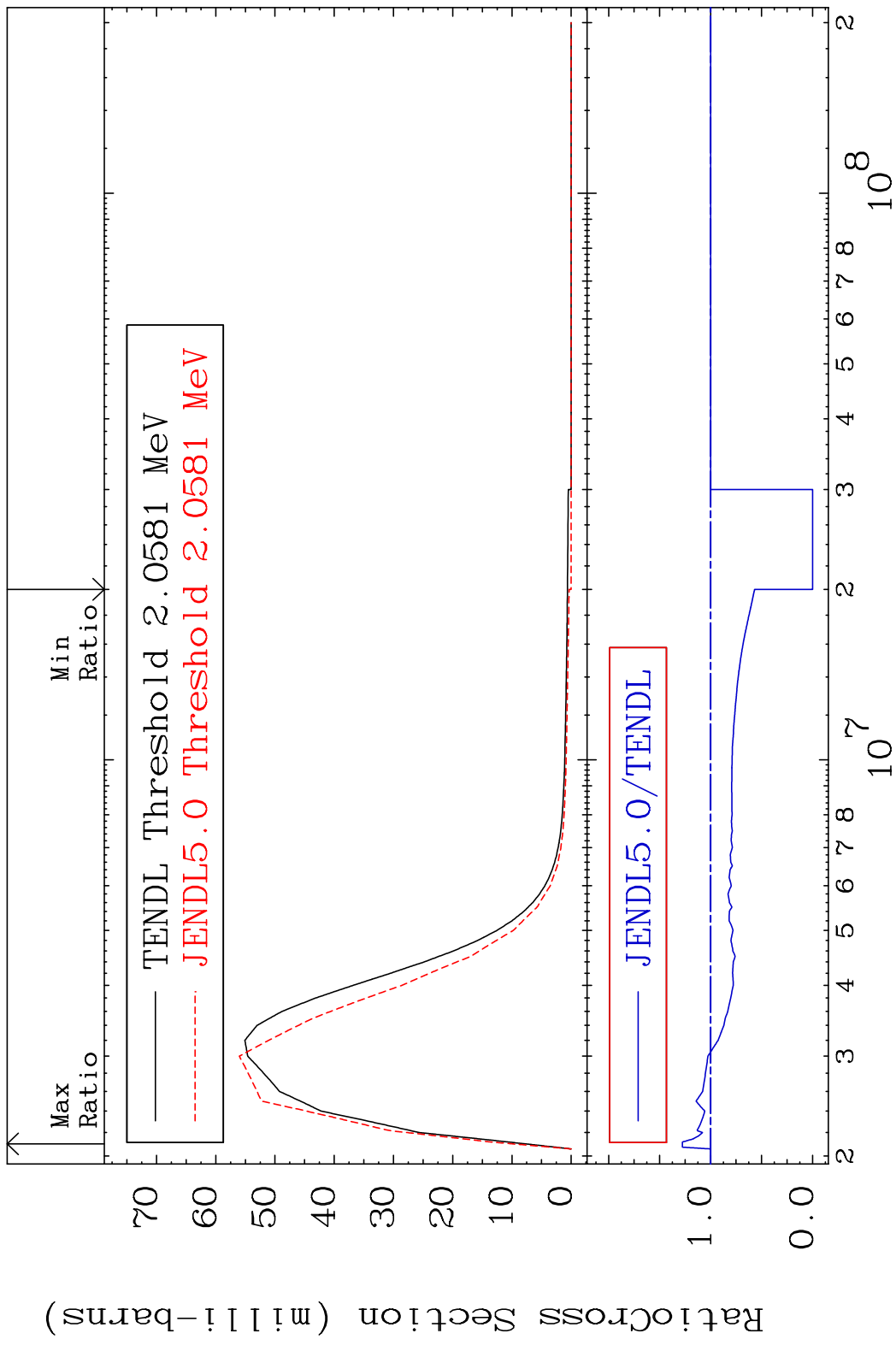


MAT 5231 MT= 60 (n, n') Level 52-Te-122
 Cross Section -100.0 To 9999. %



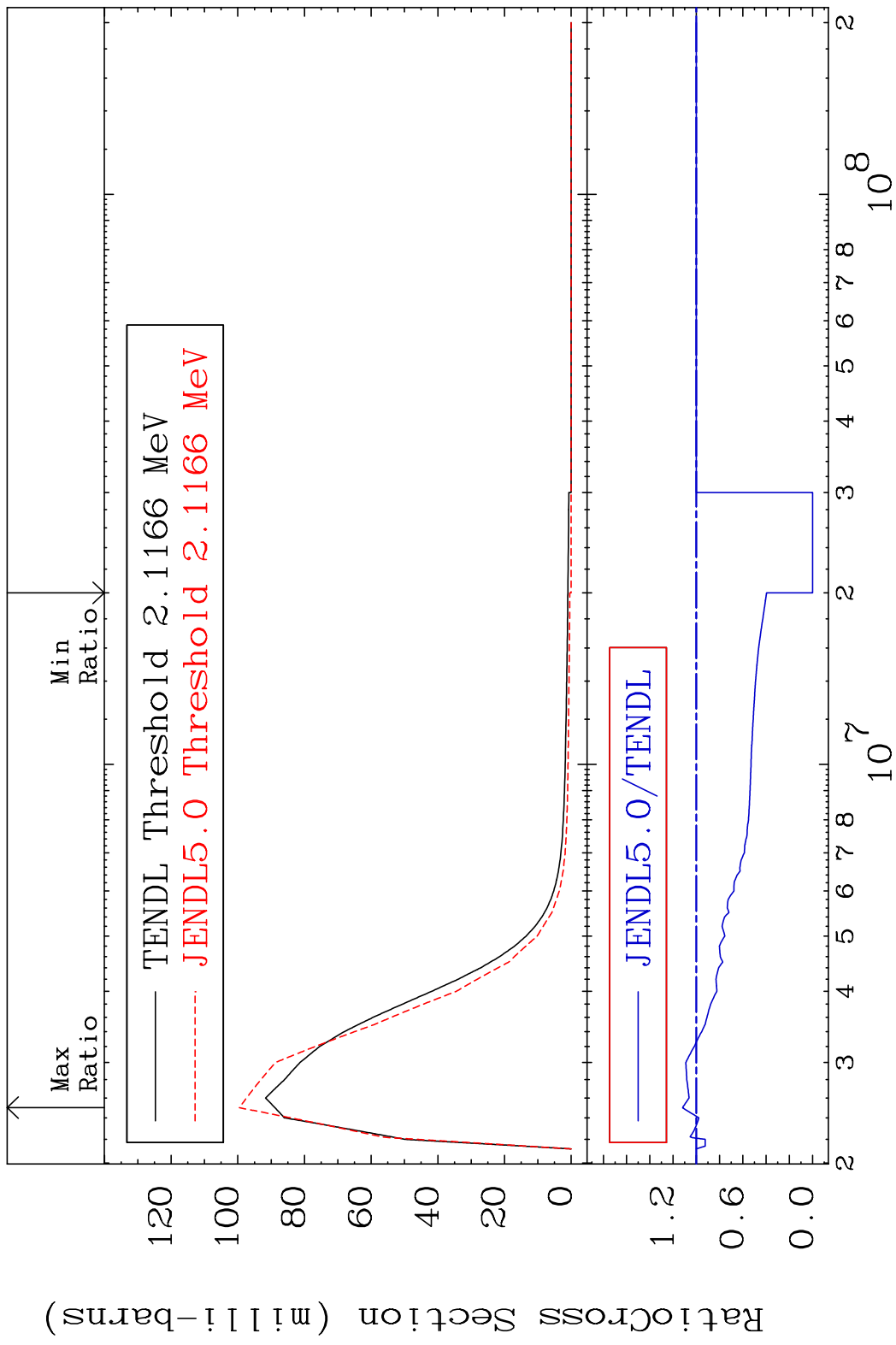
20 52-Te-122

MAT 5231 MT= 61 (n, n') Level 52-Te-122
 Cross Section -100.0 To 27.69 %

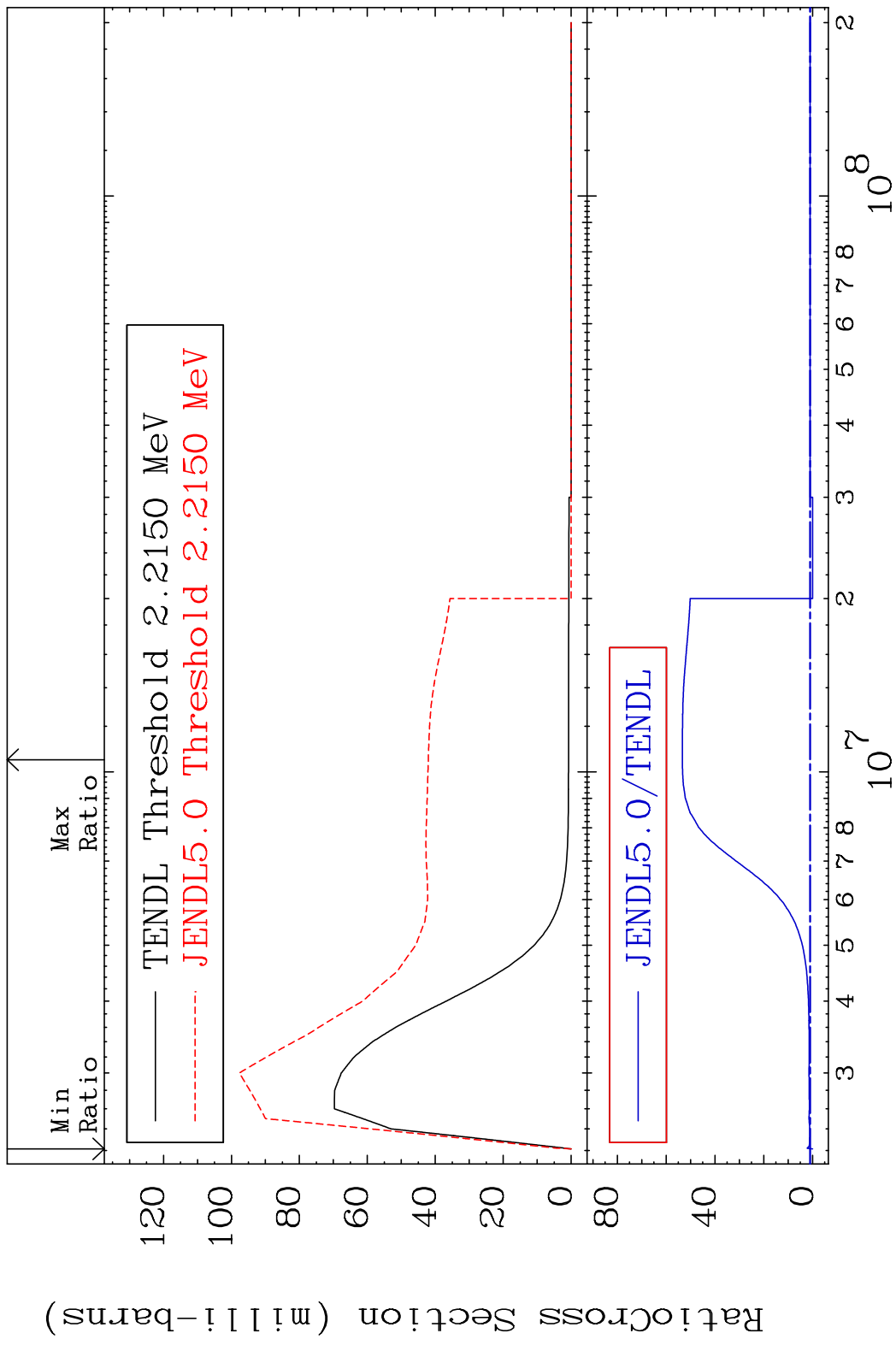


21 Incident Energy (eV) 52-Te-122

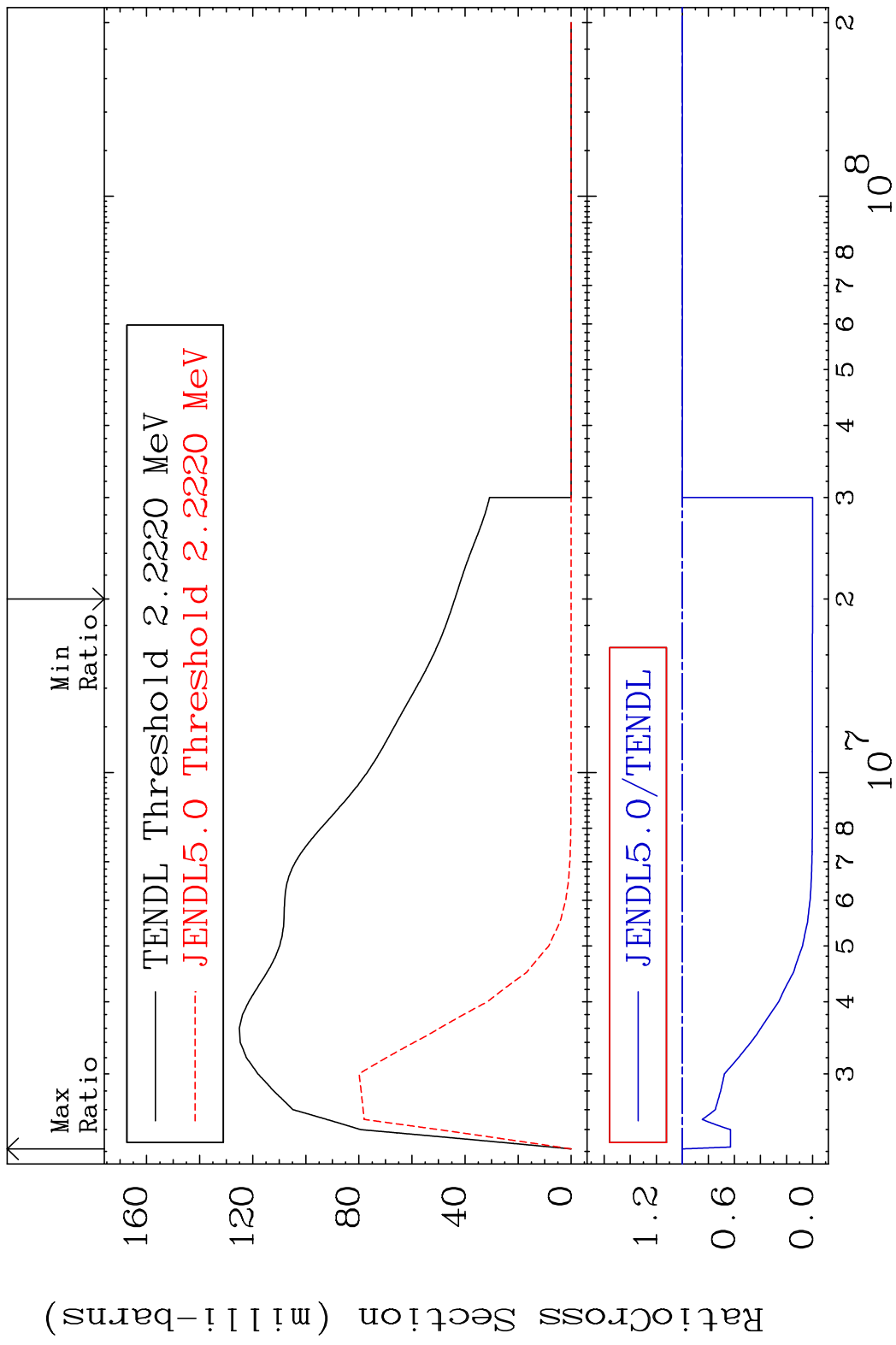
MAT 5231 MT= 62 (n, n') Level 52-Te-122
 Cross Section -100.0 To 12.04 %



MAT 5231 MT= 63 (n, n') Level 52-Te-122
 Cross Section -100.0 To 5236. %



MAT 5231 MT= 64 (n,n') Level 52-Te-122
 Cross Section -100.0 To 0.000 %

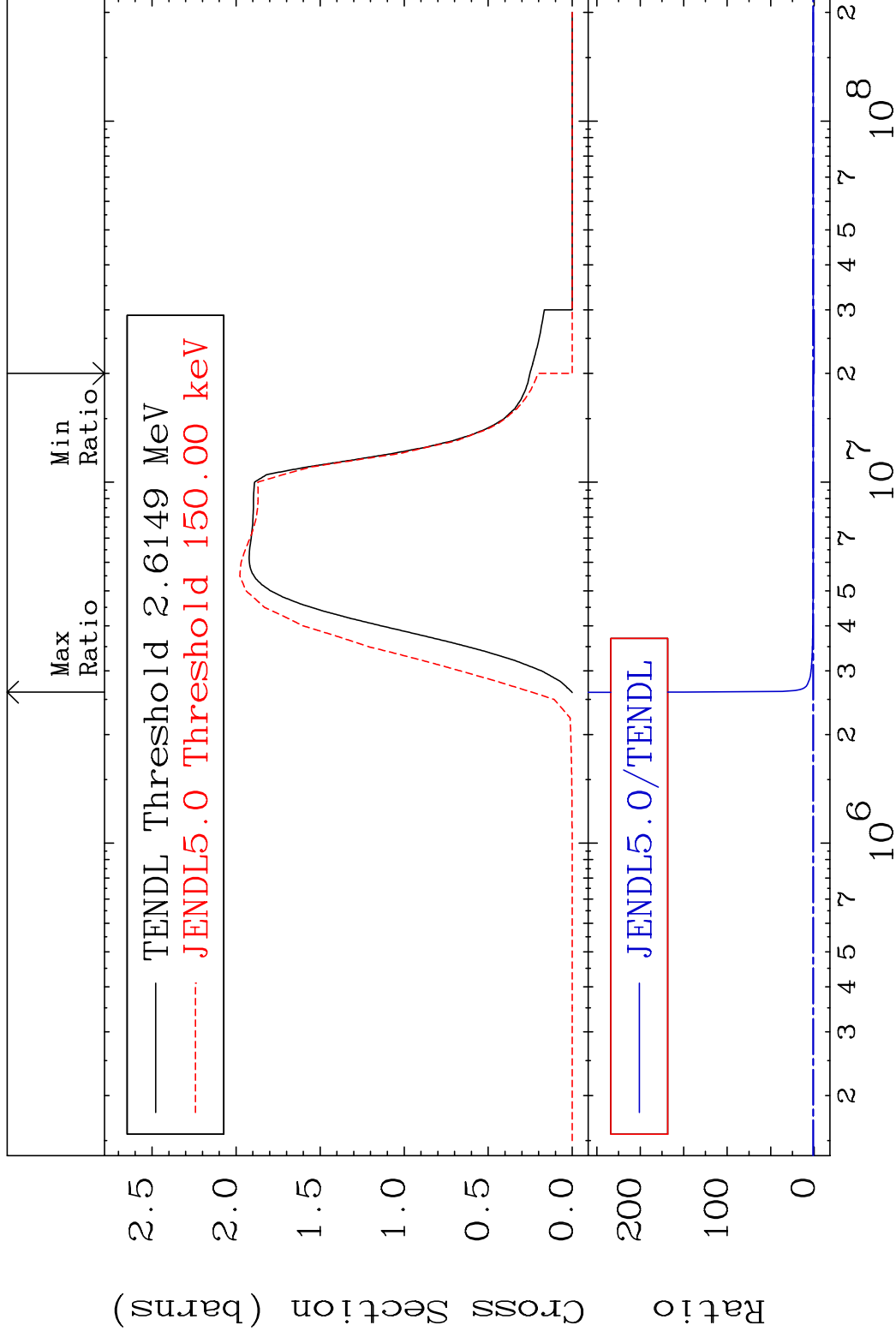


MAT 5231

(n, n') Continuum

52-Te-122

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

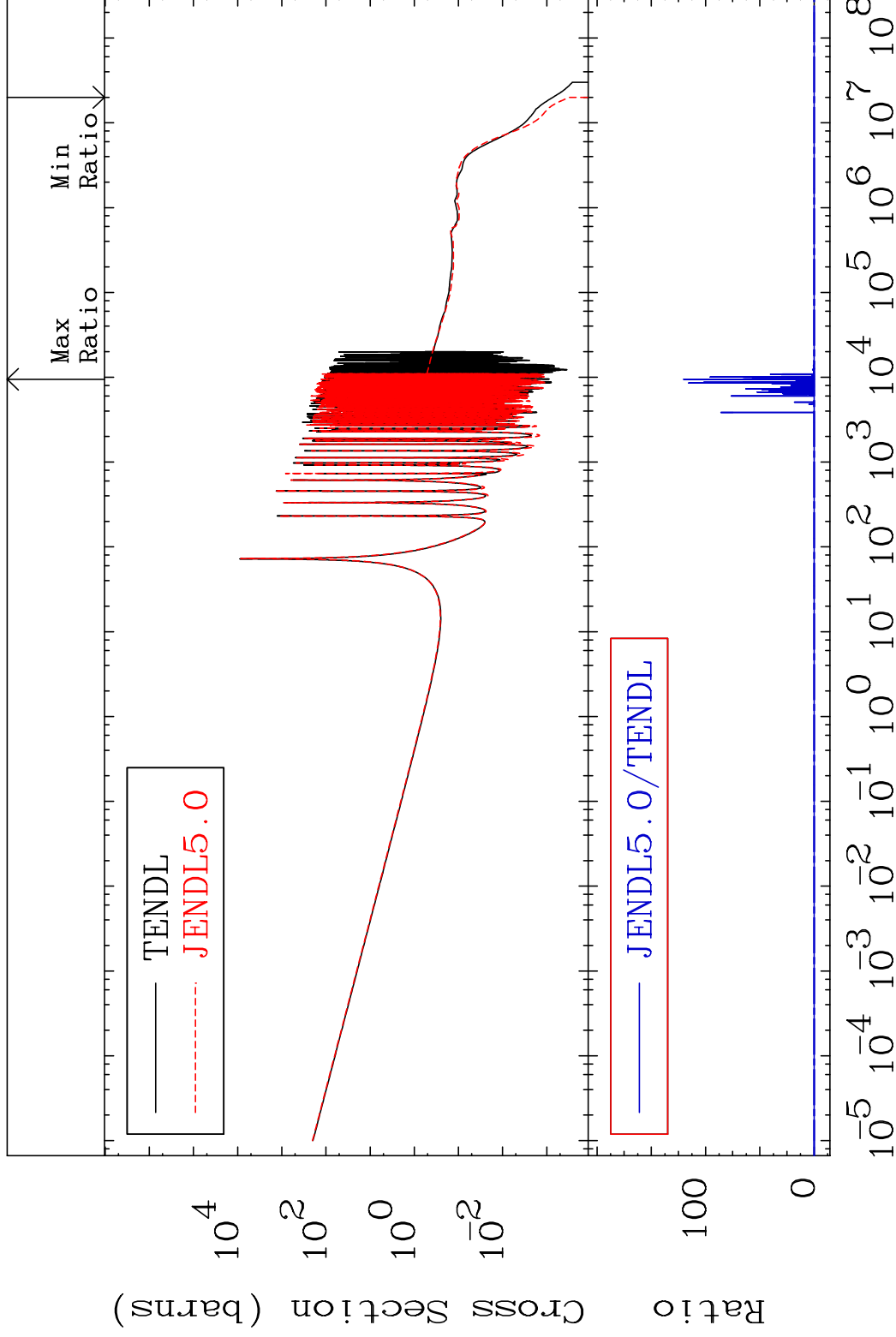
52-Te-122

MAT 5231

(n, γ)

52-Te-122

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

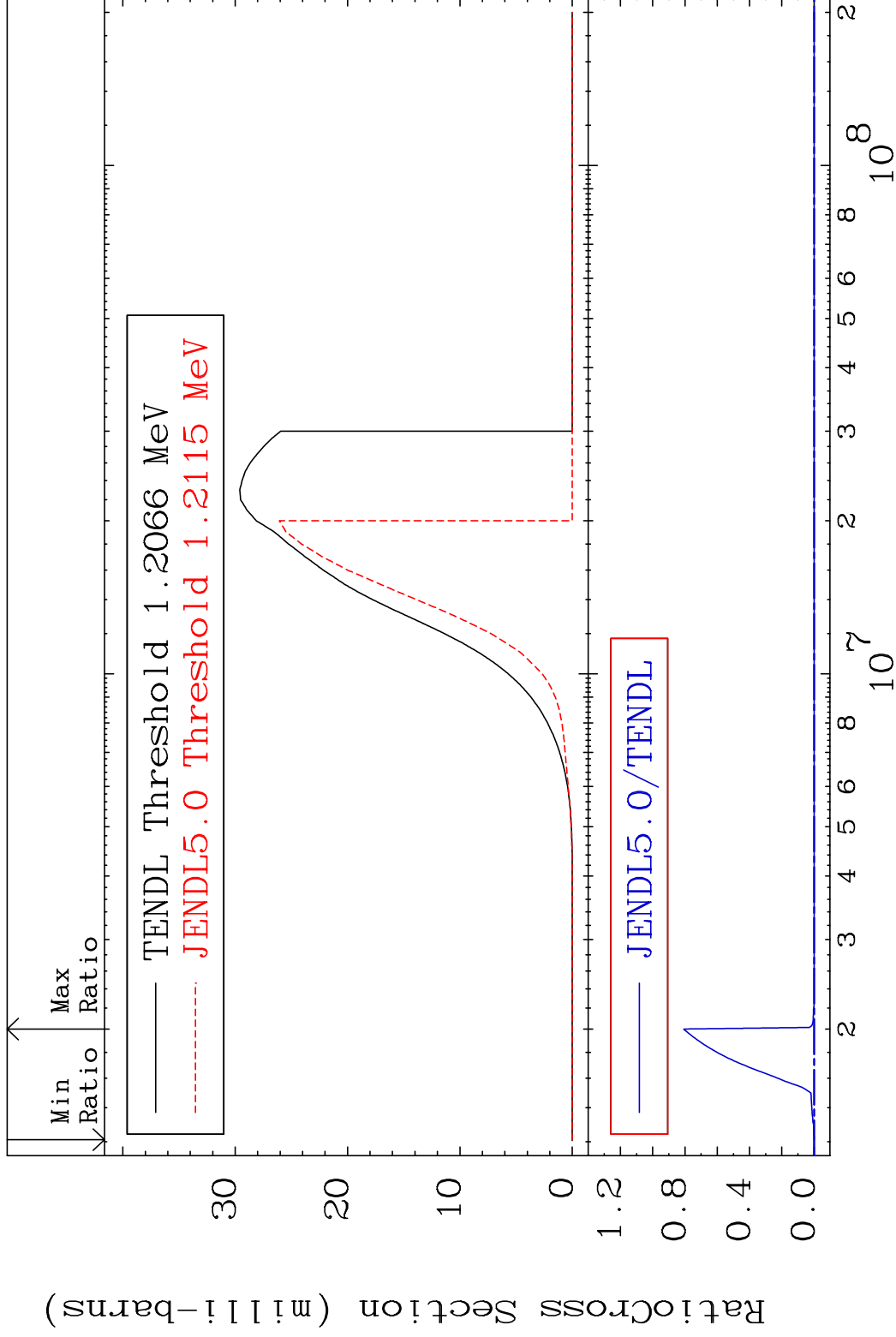
52-Te-122

MAT 5231

(n,p)

52-Te-122

Cross Section -100.0 To 9999. %

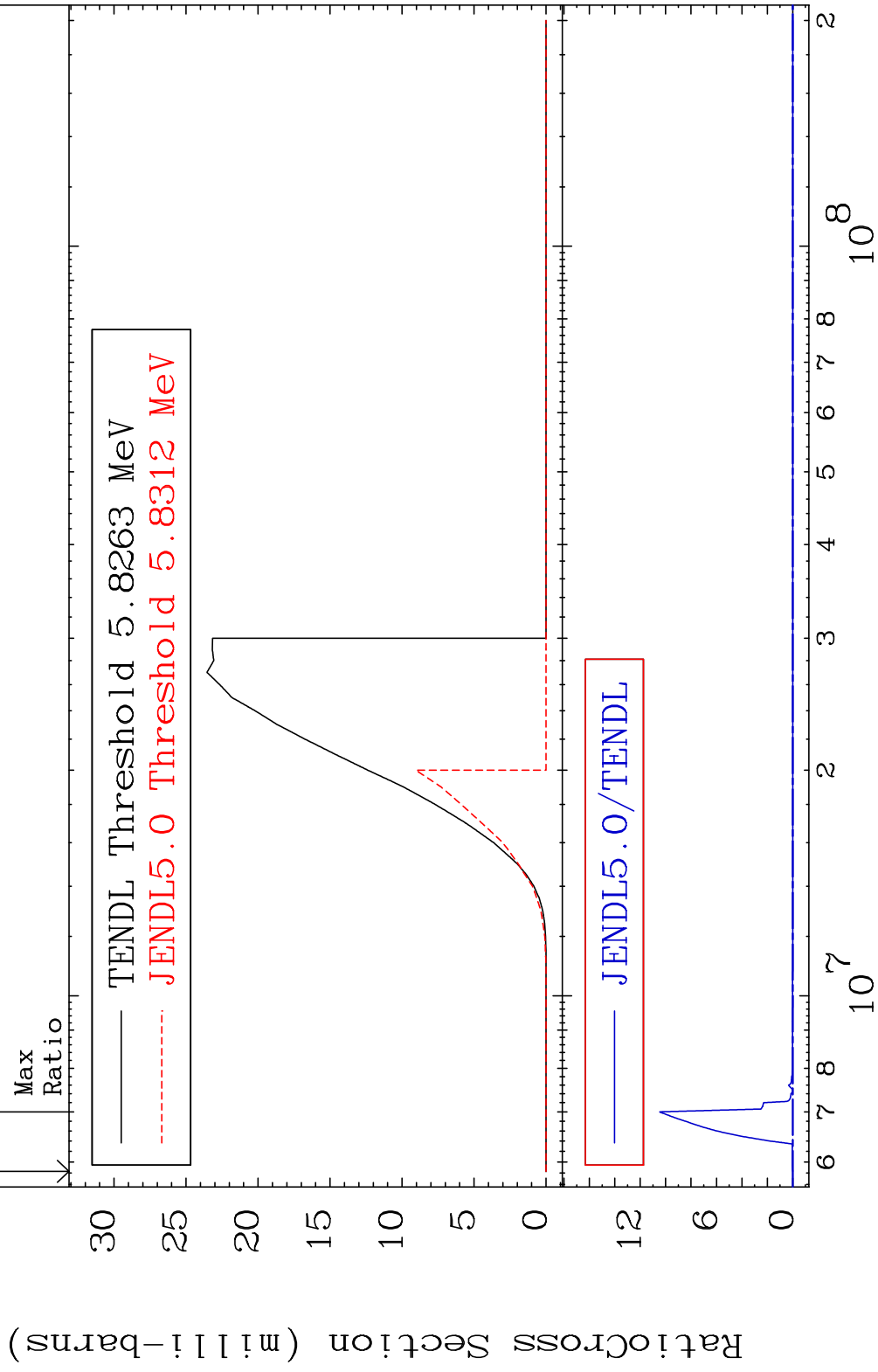


MAT 5231

(n,d)

52-Te-122

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

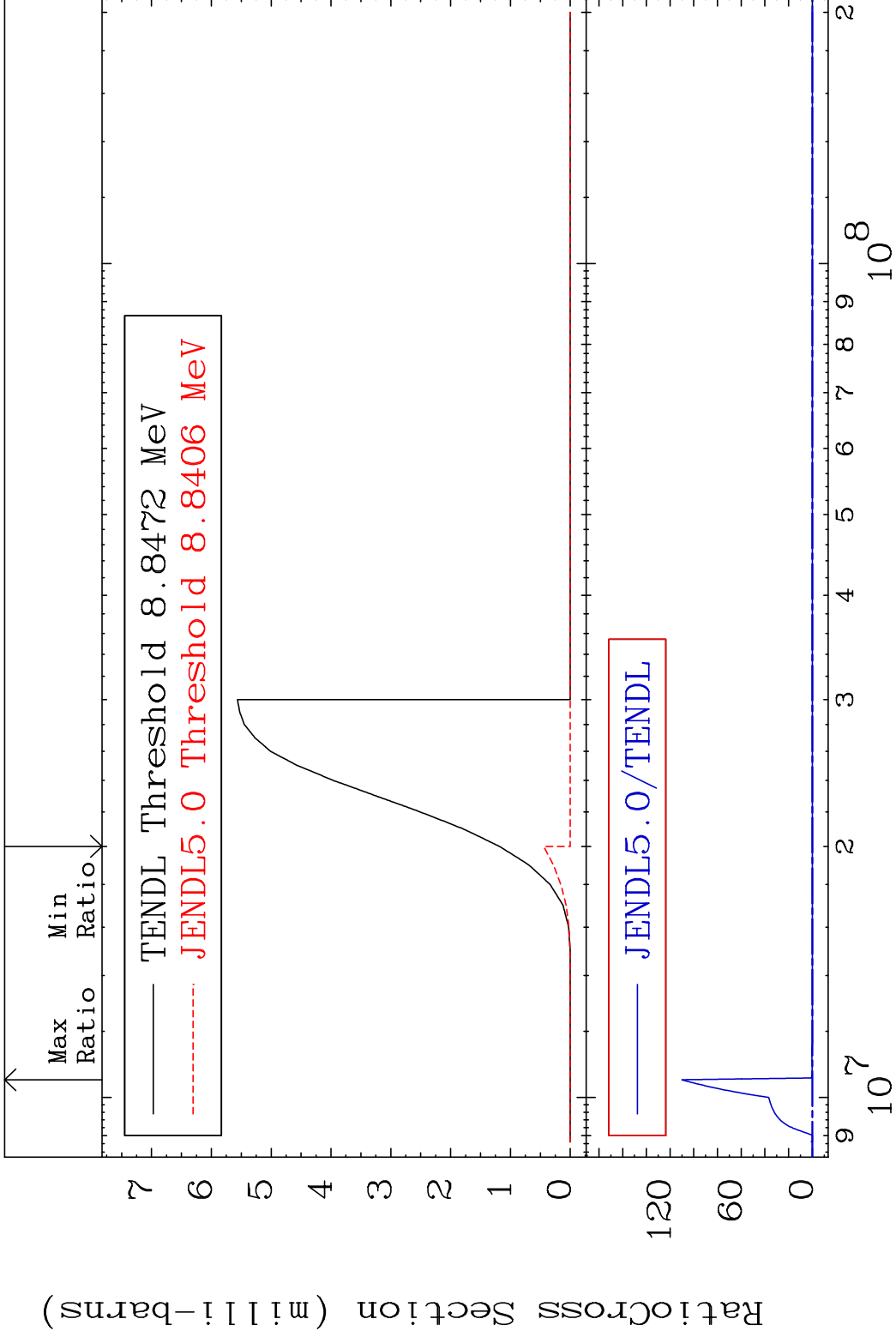
52-Te-122

MAT 5231

(n, t)

52-Te-122

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

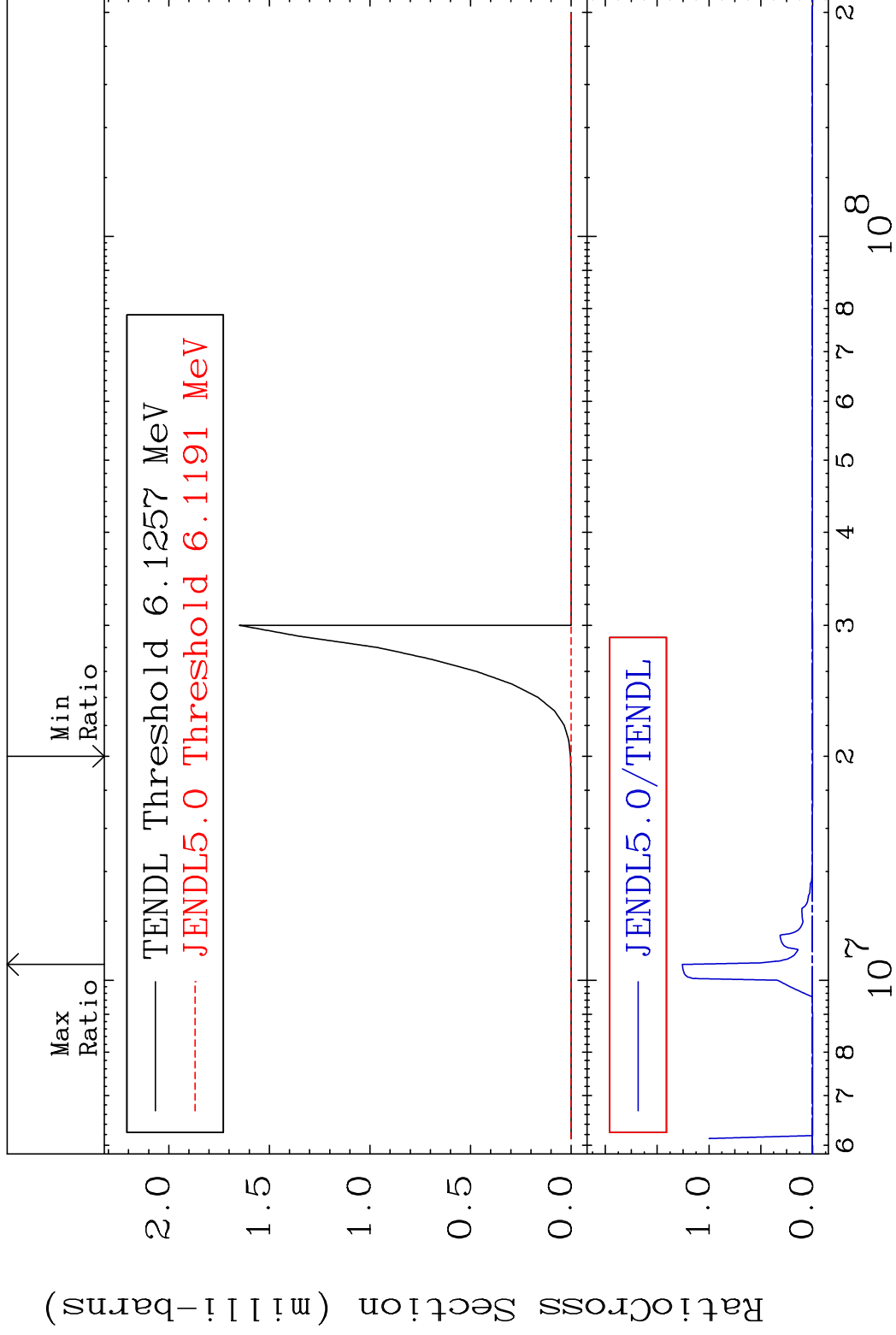
52-Te-122

MAT 5231

(n, He-3)

52-Te-122

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

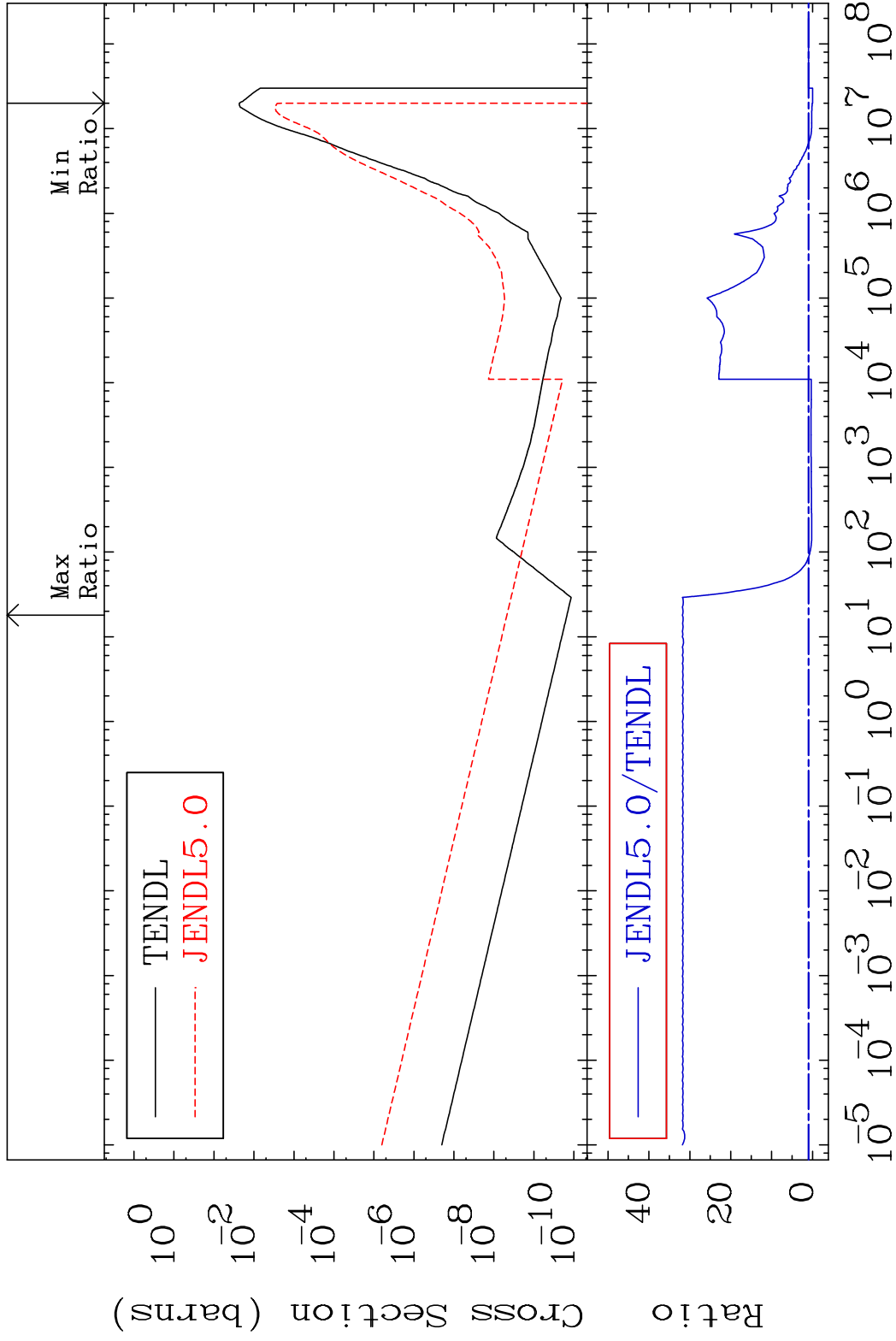
52-Te-122

MAT 5231

(n, α)

52-Te-122

Cross Section -100.0 To 3082. %



31

Incident Energy (eV)

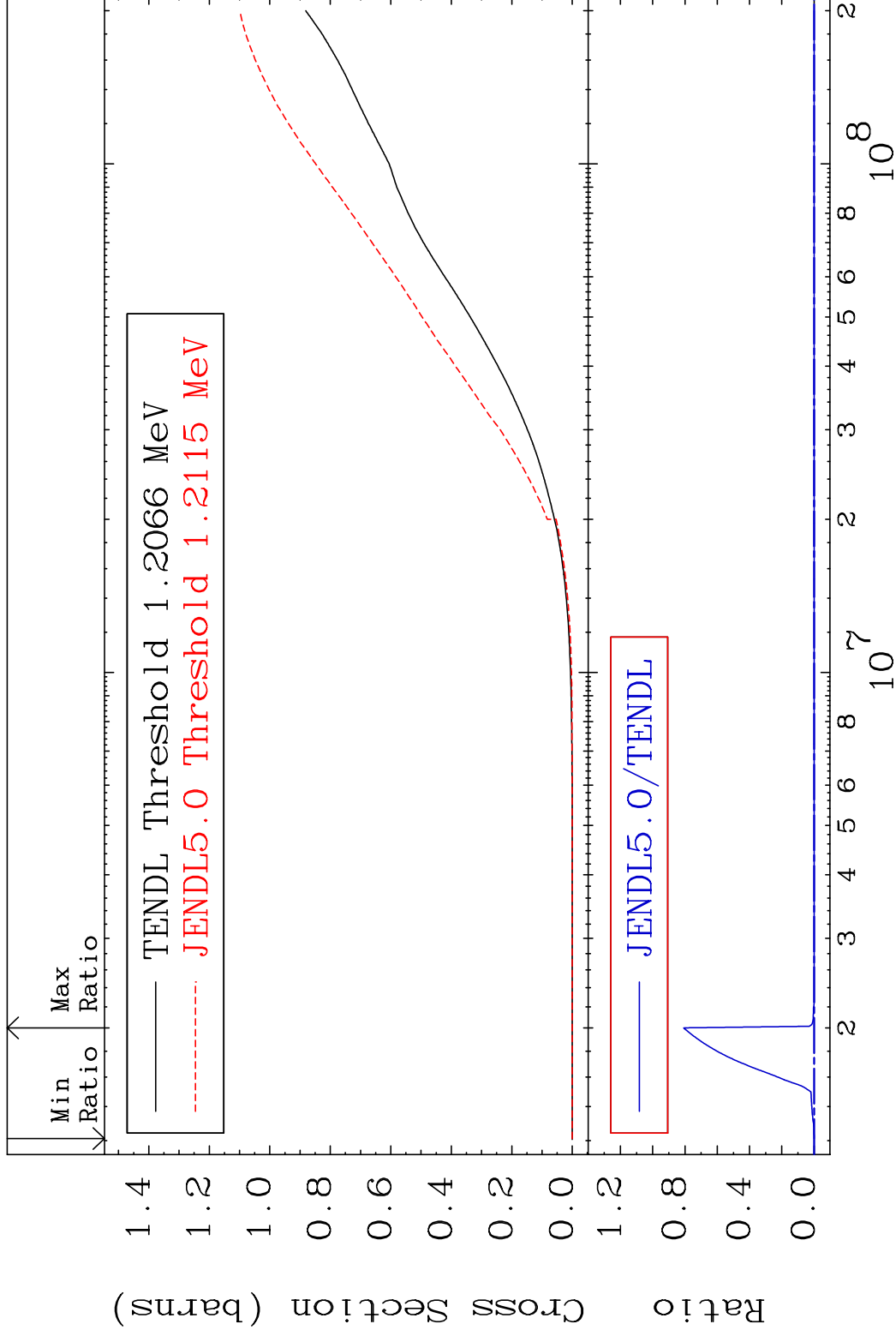
52-Te-122

MAT 5231

Hydrogen Production

52-Te-122

Cross Section -100.0 To 9999. %

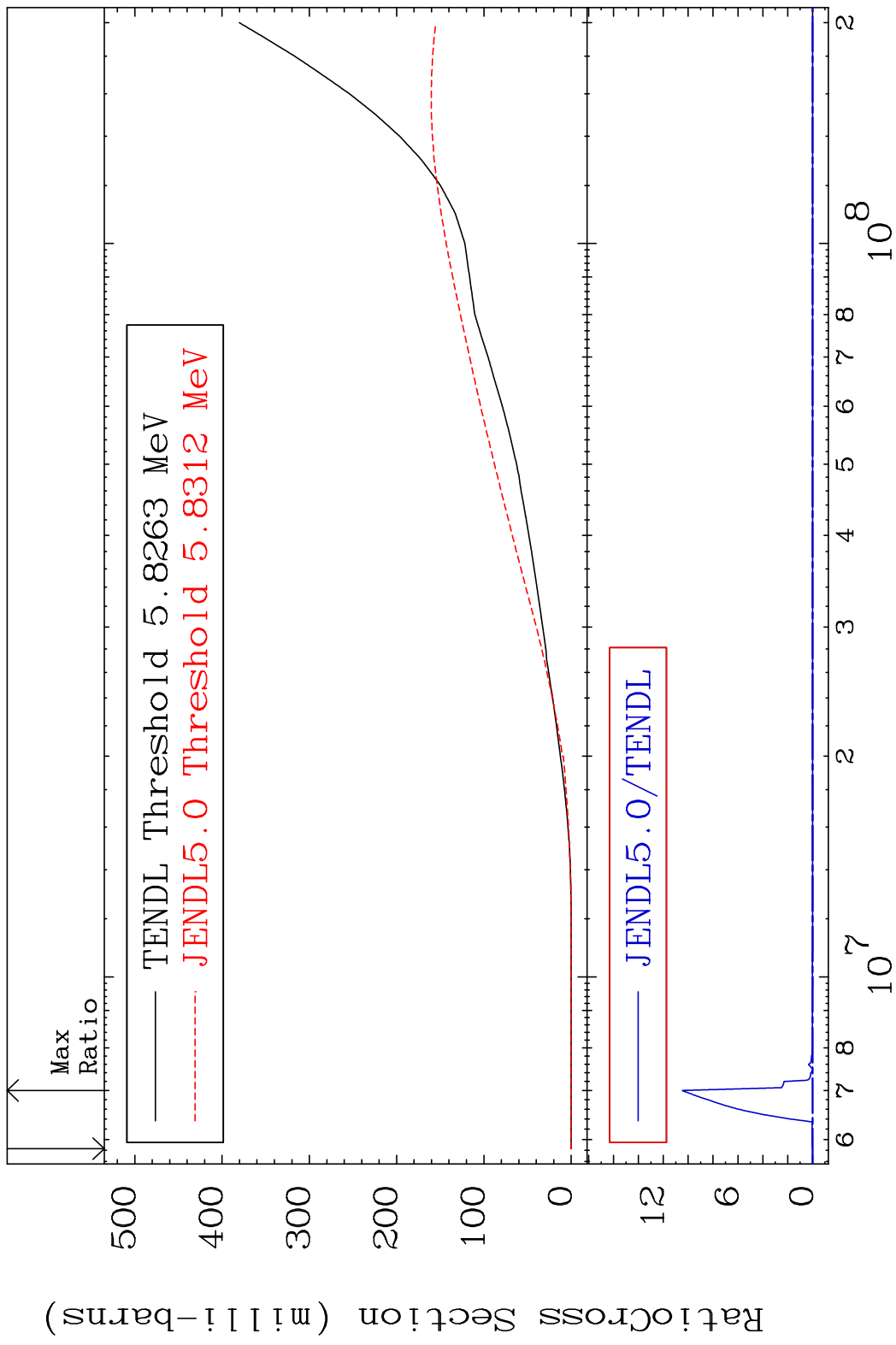


32

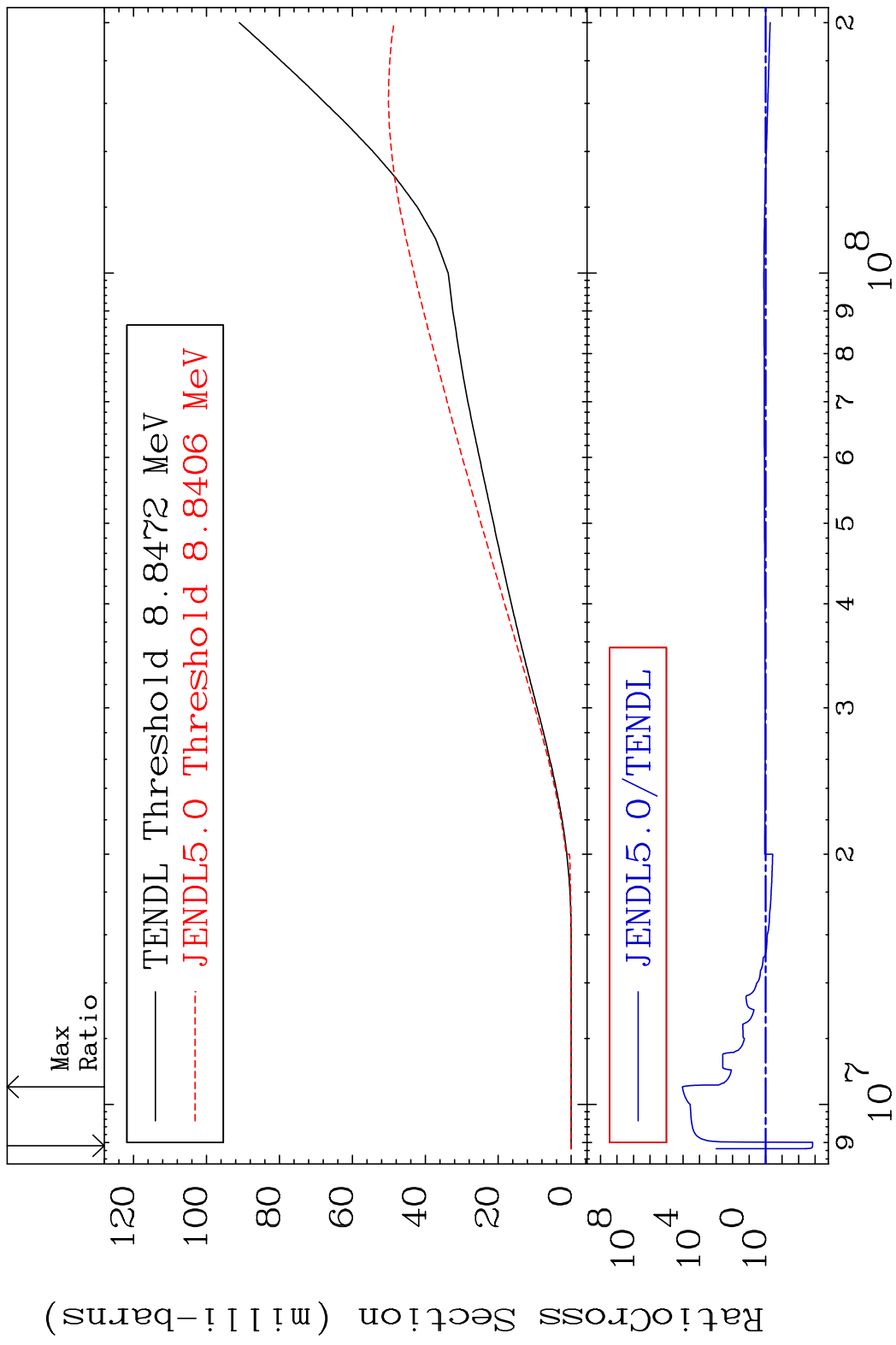
Incident Energy (eV)

52-Te-122

MAT 5231 Deuterium Production 52-Te-122
 Cross Section -100.0 To 9999. %



MAT 5231 Tritium Production 52-Te-122
 Cross Section -99.86 To 9999. %

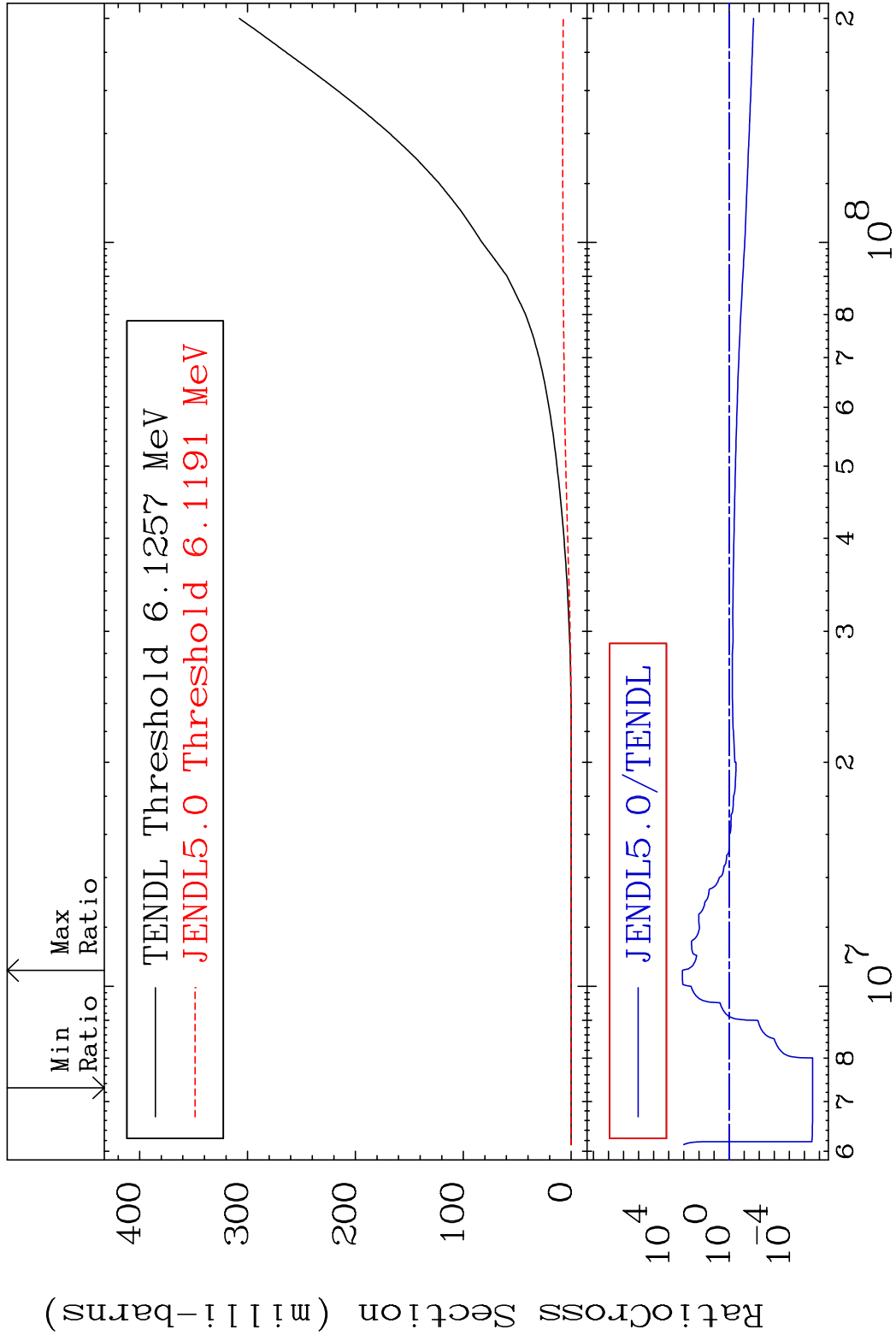


MAT 5231

He-3 Production

52-Te-122

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

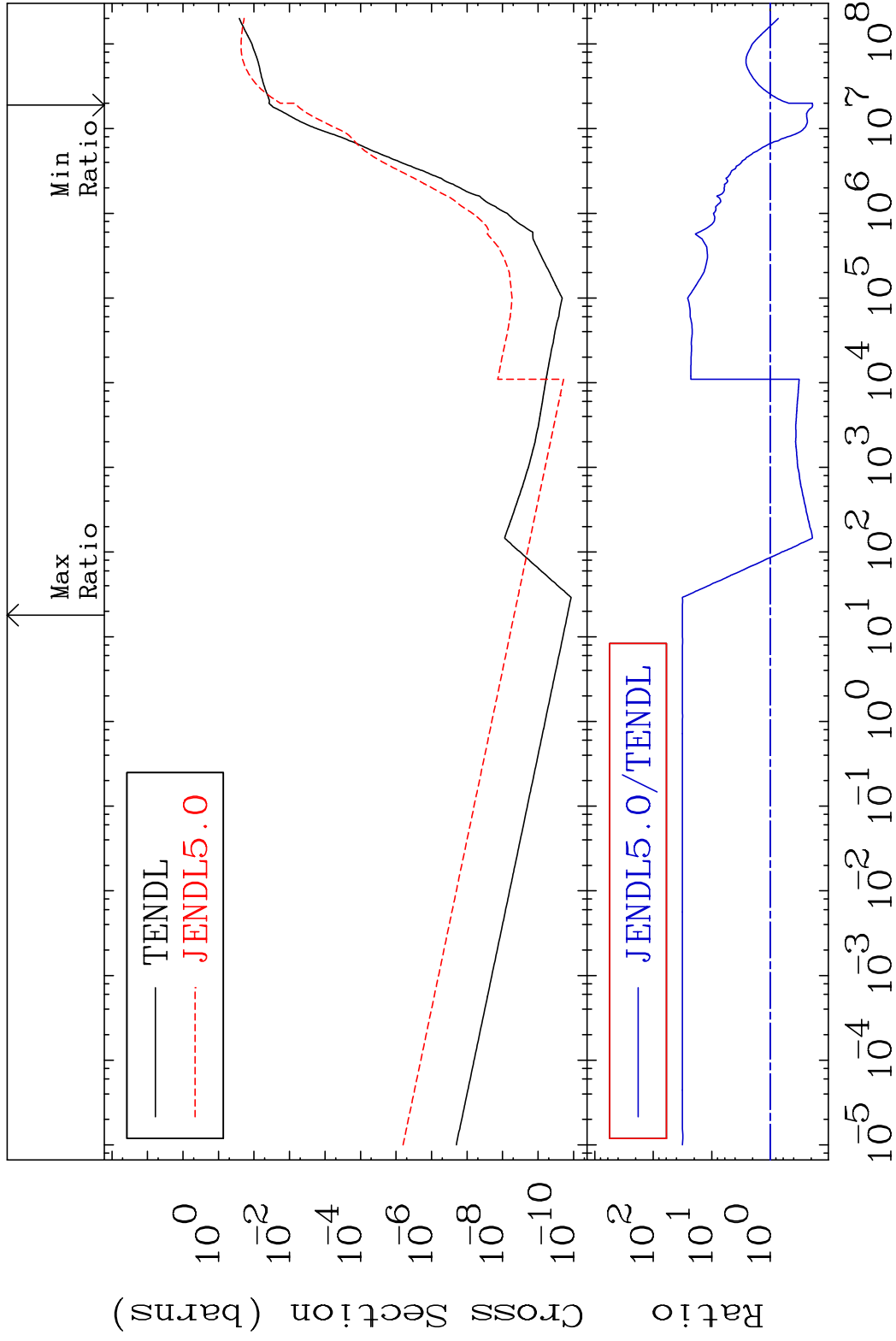
52-Te-122

MAT 5231

He-4 Production

52-Te-122

Cross Section -81.05 To 3082. %



36

Incident Energy (eV)

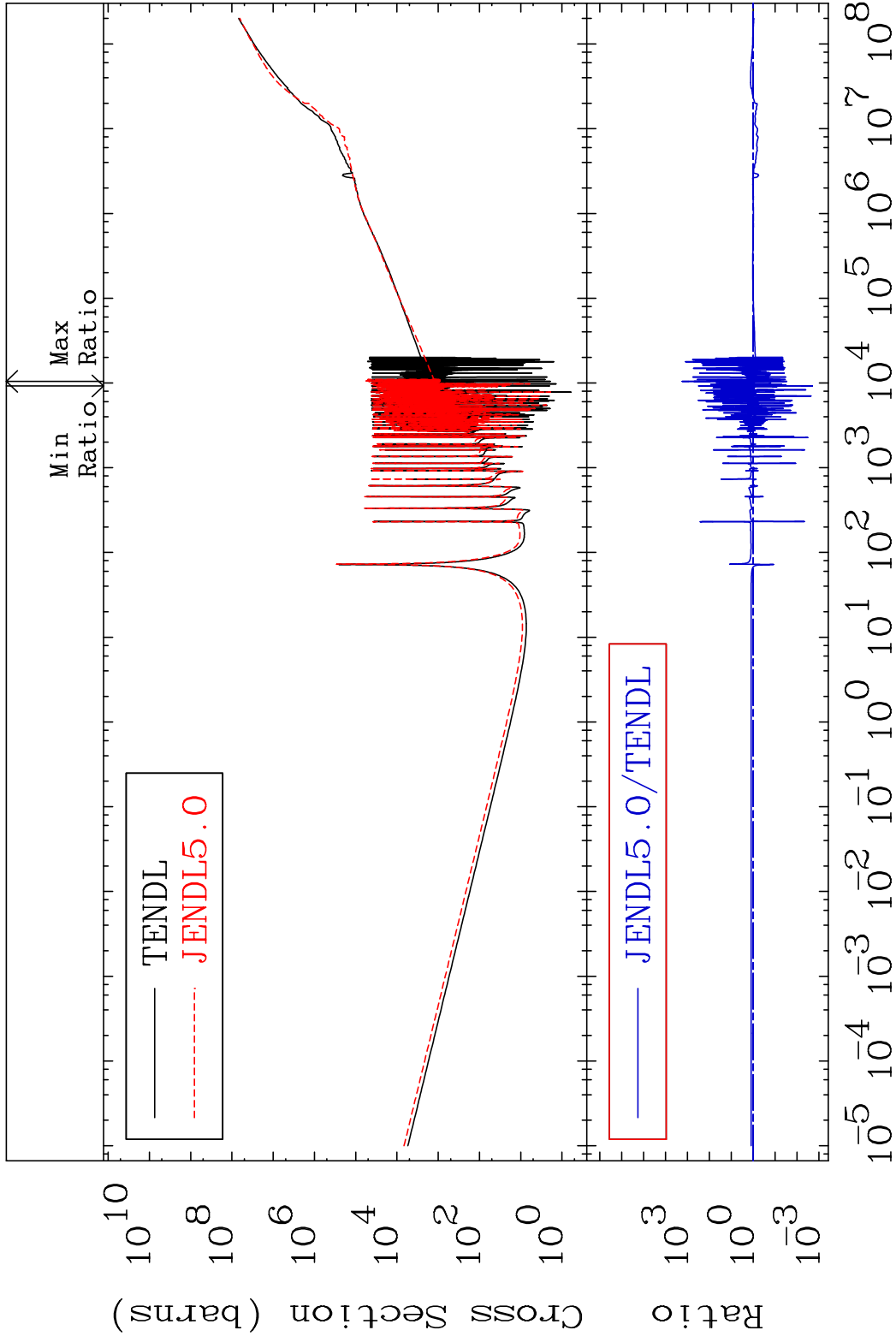
52-Te-122

MAT 5231

Kerma total (eV-barns)

52-Te-122

Cross Section -99.80 To 9999. %



37

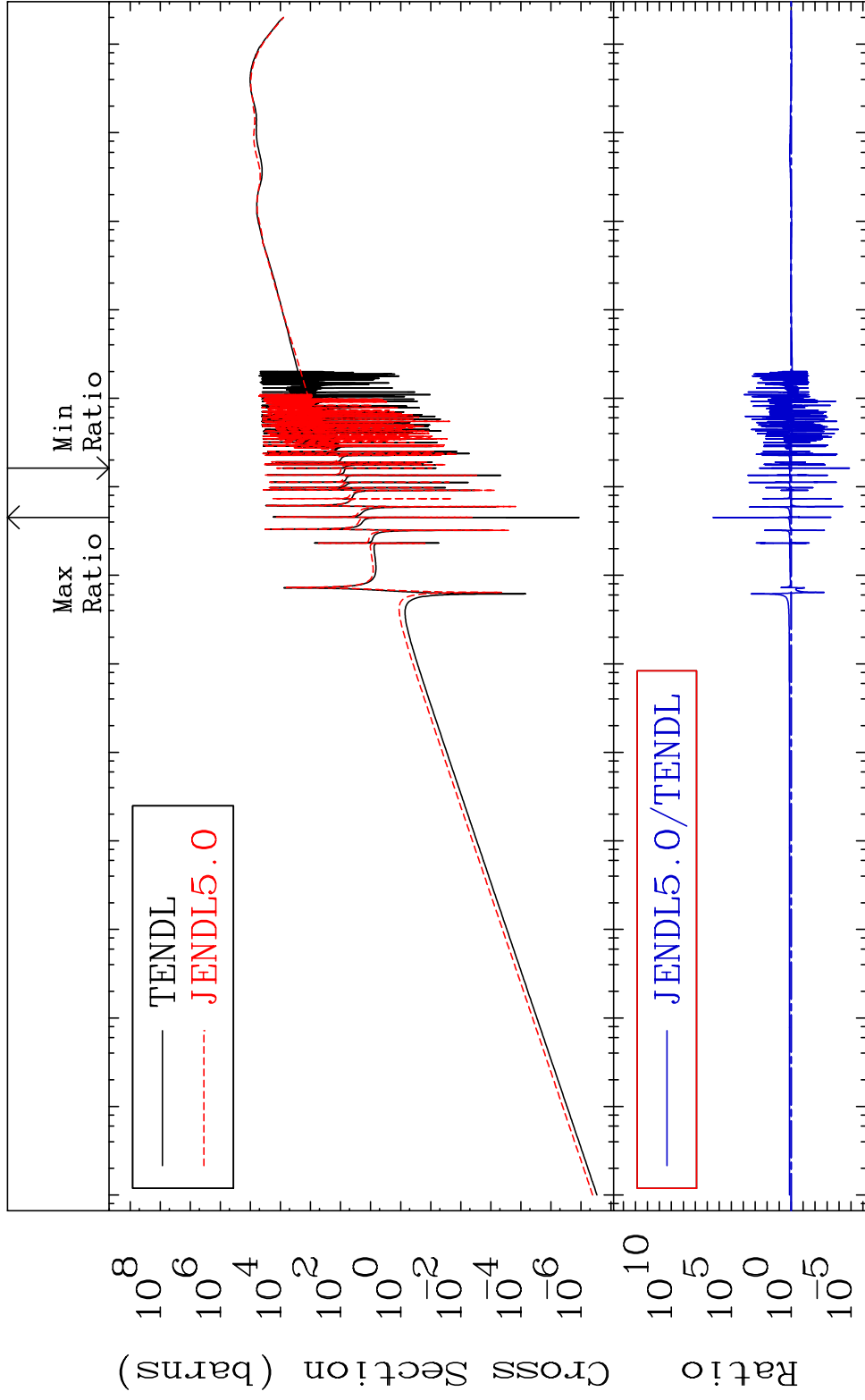
Incident Energy (eV)

52-Te-122

MAT 5231

Kerma elastic
Cross Section -100.0 To 9999. %

52-Te-122

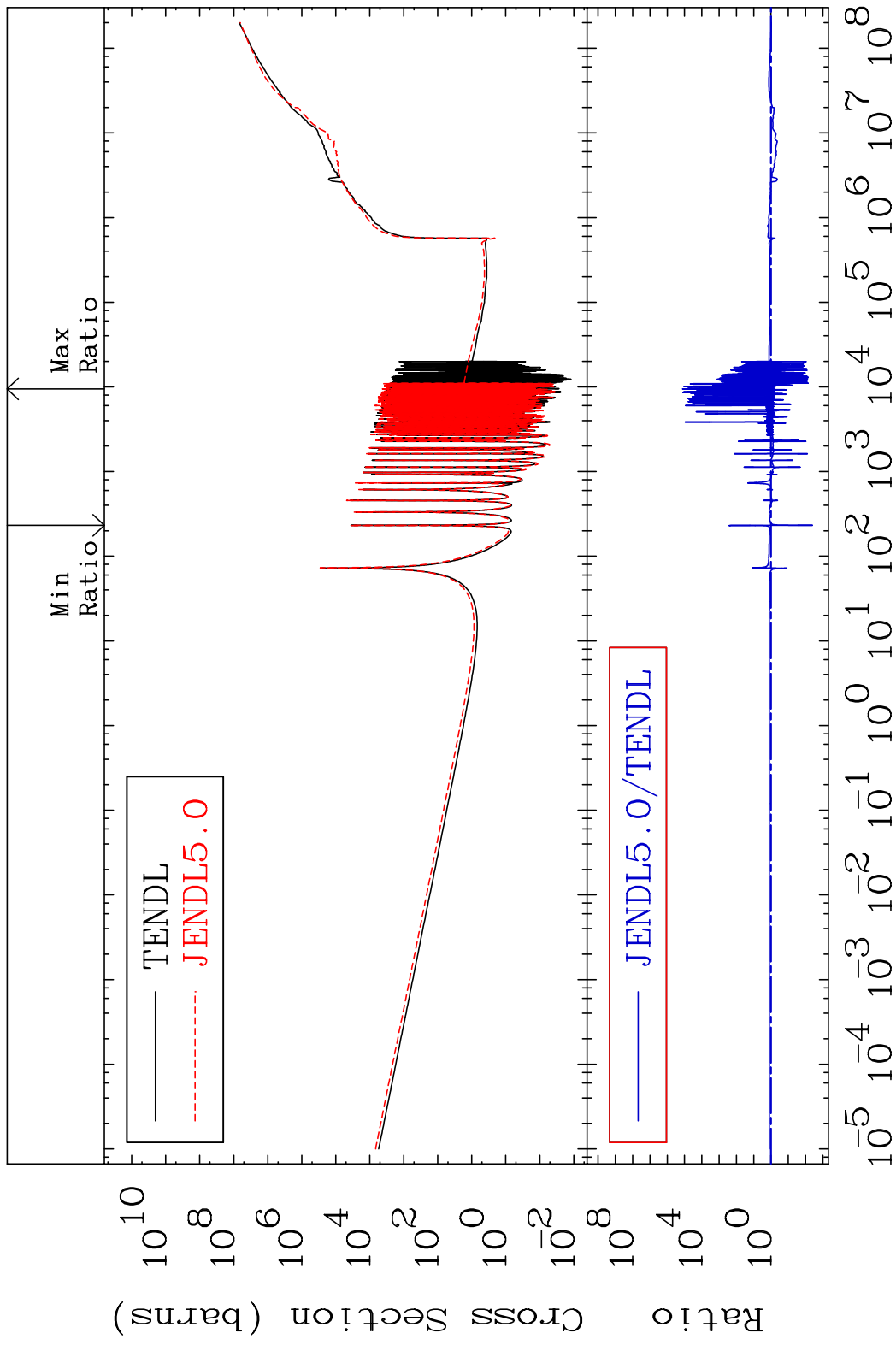


38

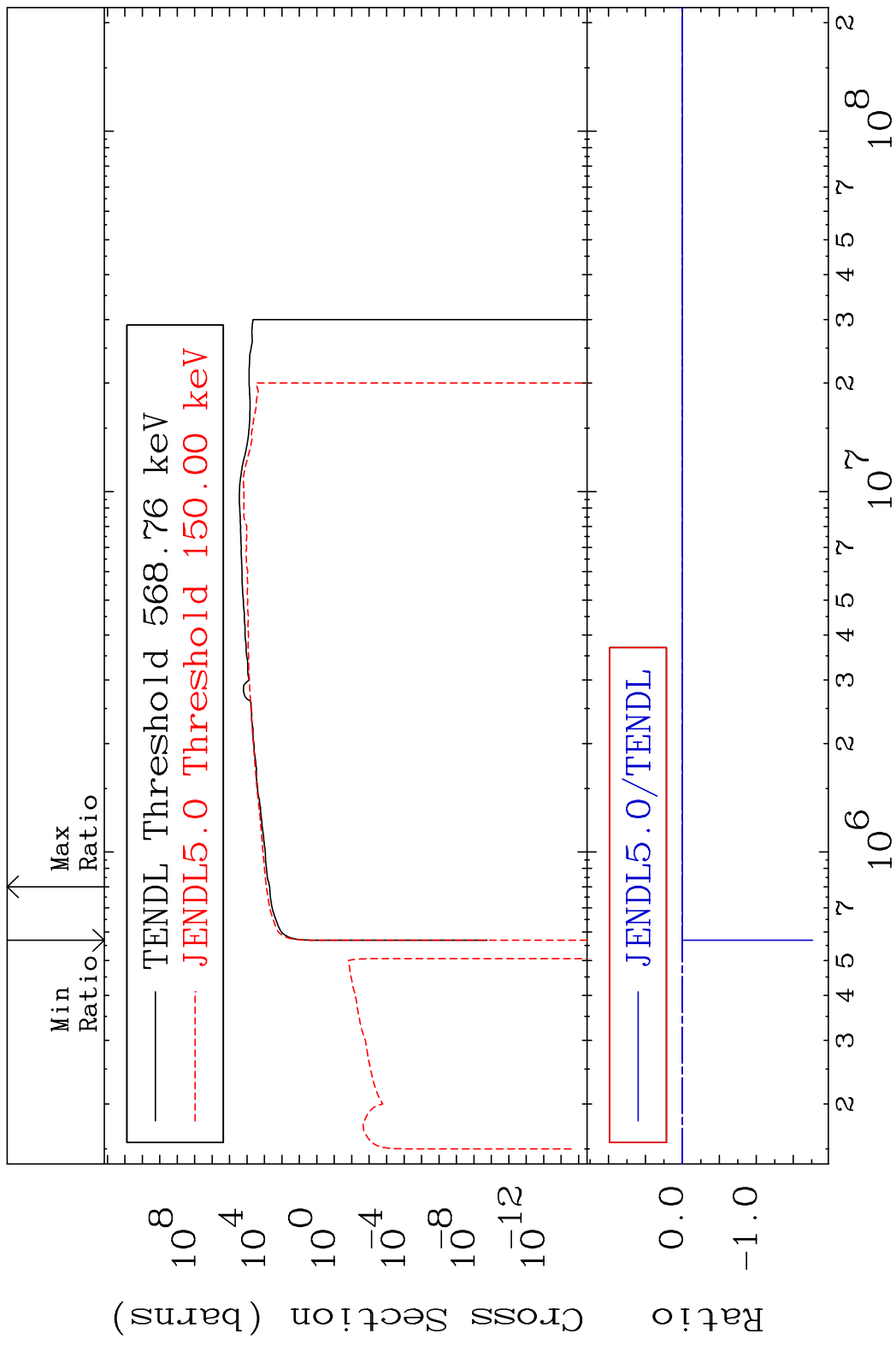
Incident Energy (eV)

52-Te-122

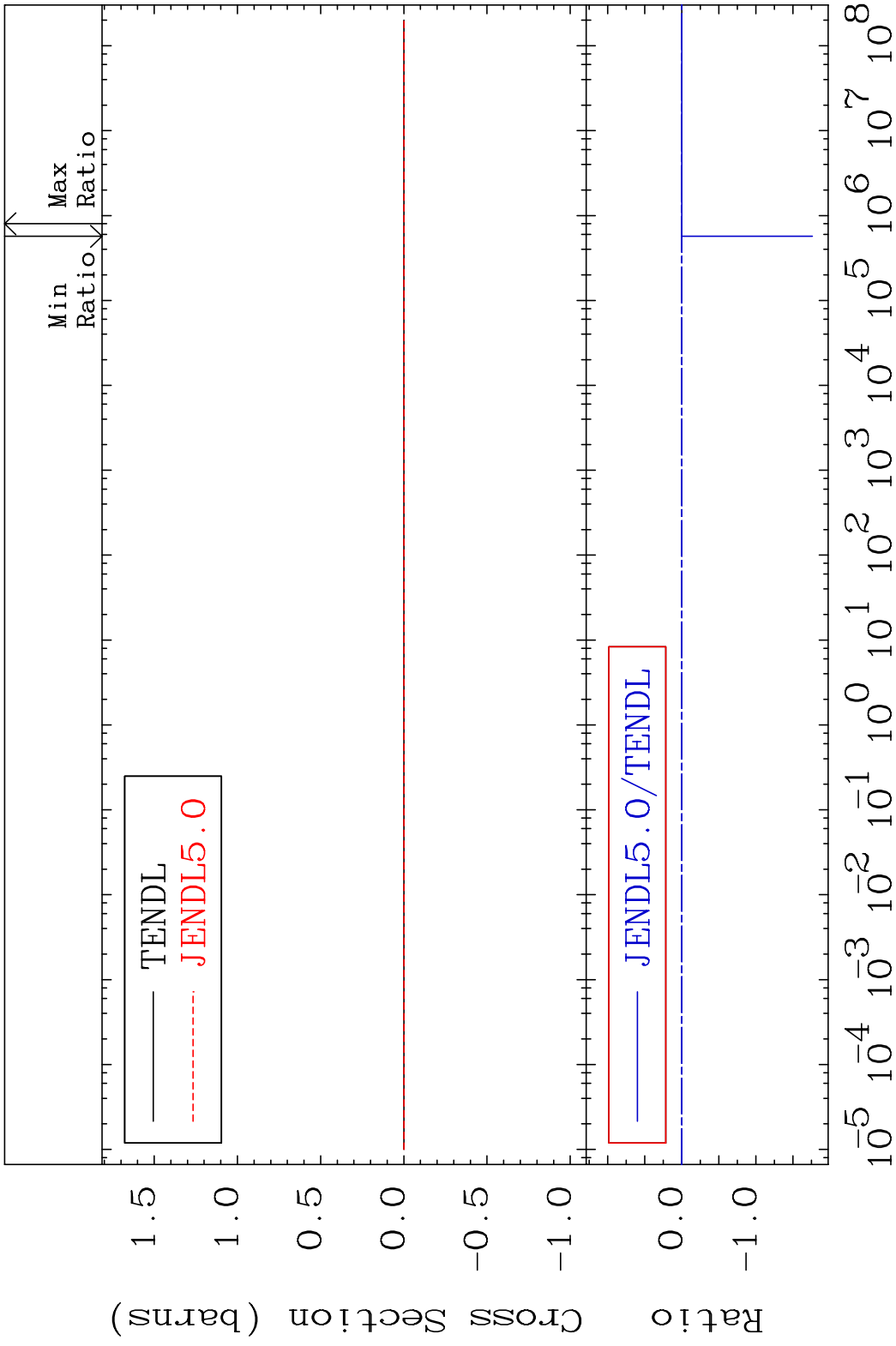
MAT 5231 Kerma non-elastic (all but mt2) 52-Te-122
 Cross Section -99.61 To 9999. %



MAT 5231 Kerma inelastic (mt51-91) 52-Te-122
 Cross Section -9999. To 54.91 %



MAT 5231 Kerma fission (mt18 or mt19-20-21-38) 52-Te-122
 Cross Section -9999. To 54.91 %

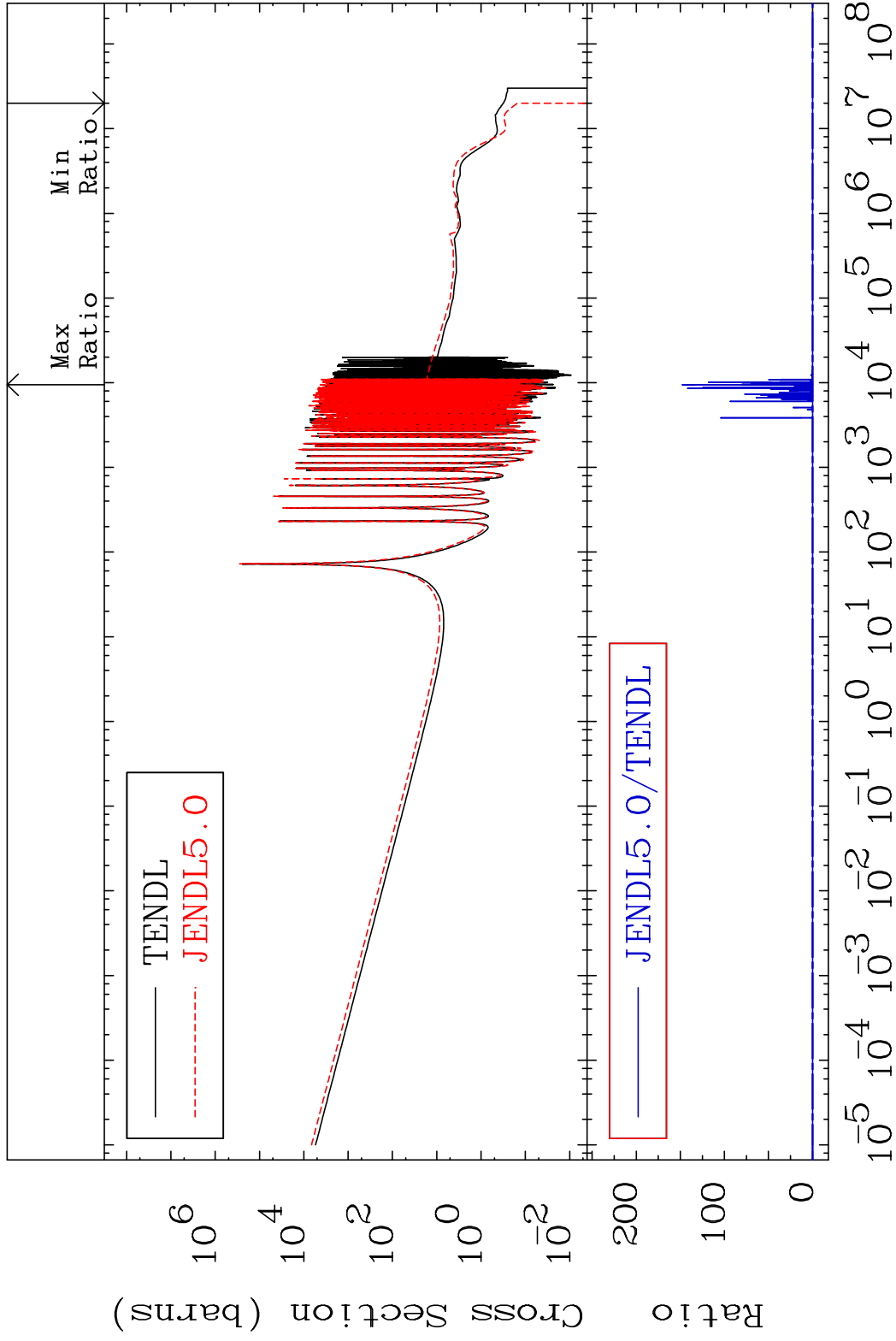


MAT 5231

Kerma capture (mt102)

52-Te-122

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

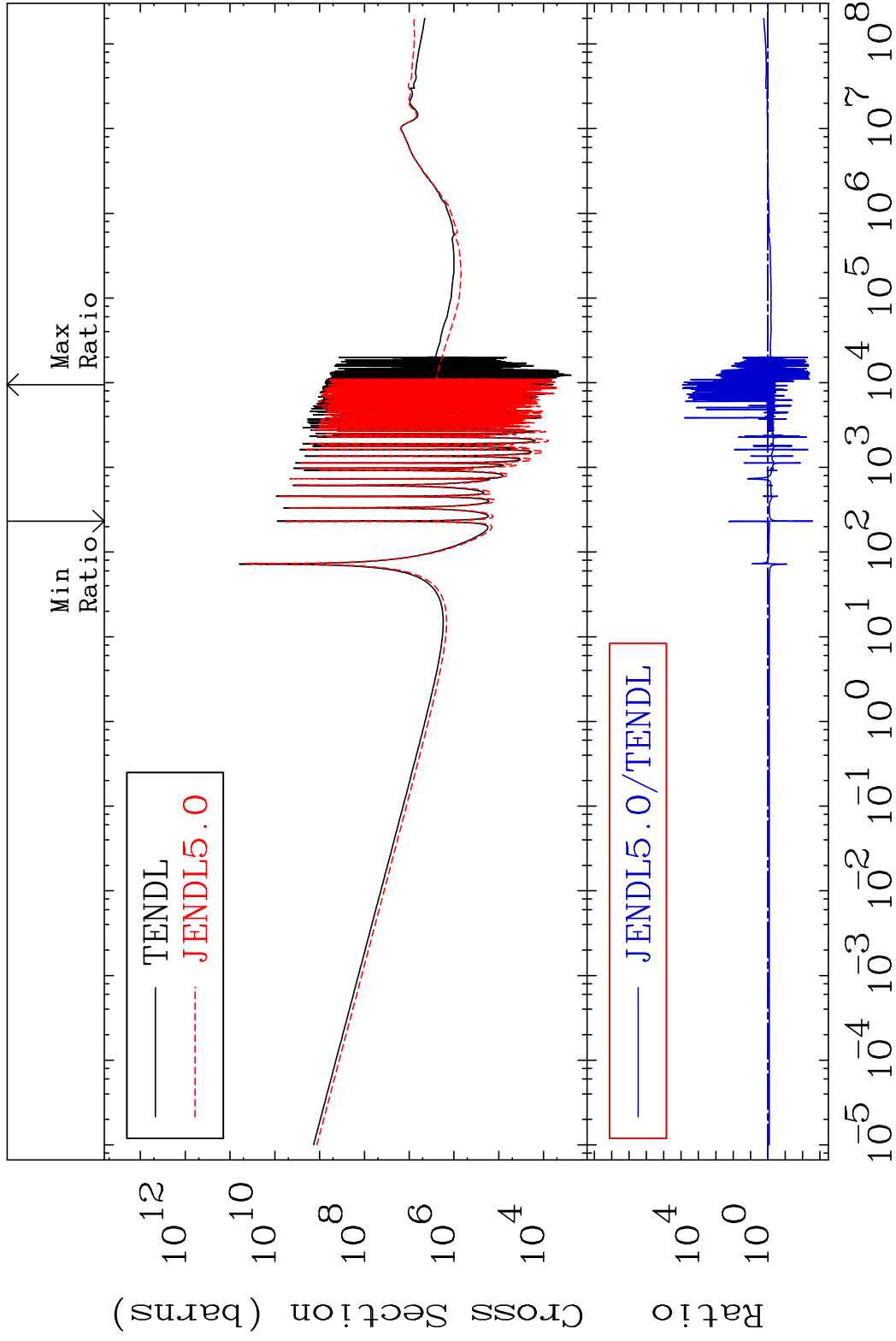
52-Te-122

MAT 5231

Total photon (eV-barns)

52-Te-122

Cross Section -99.73 To 9999. %

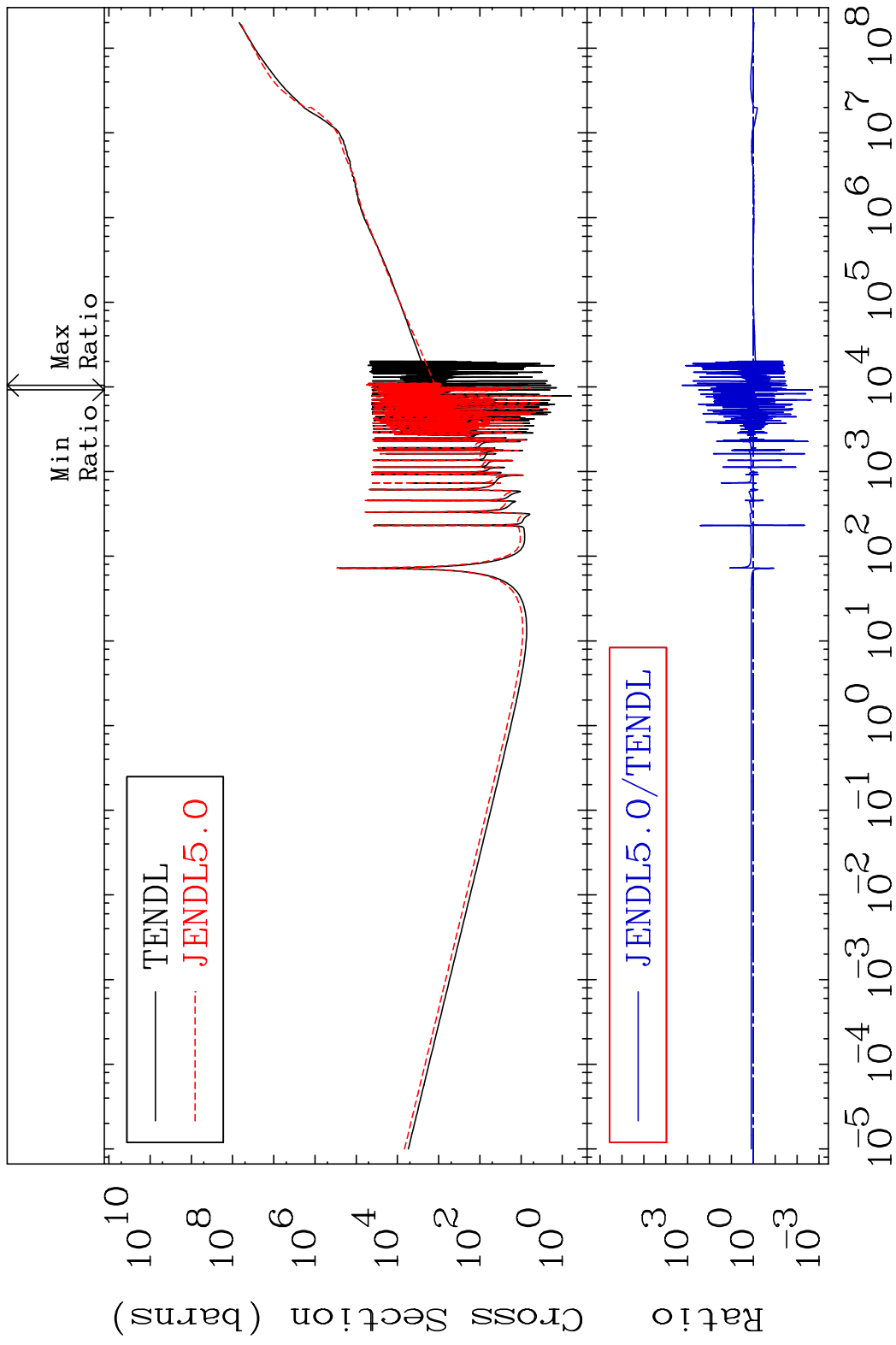


43

Incident Energy (eV)

52-Te-122

MAT 5231 Total kinematic kerma (high limit) 52-Te-122
 Cross Section -99.80 To 9999. %



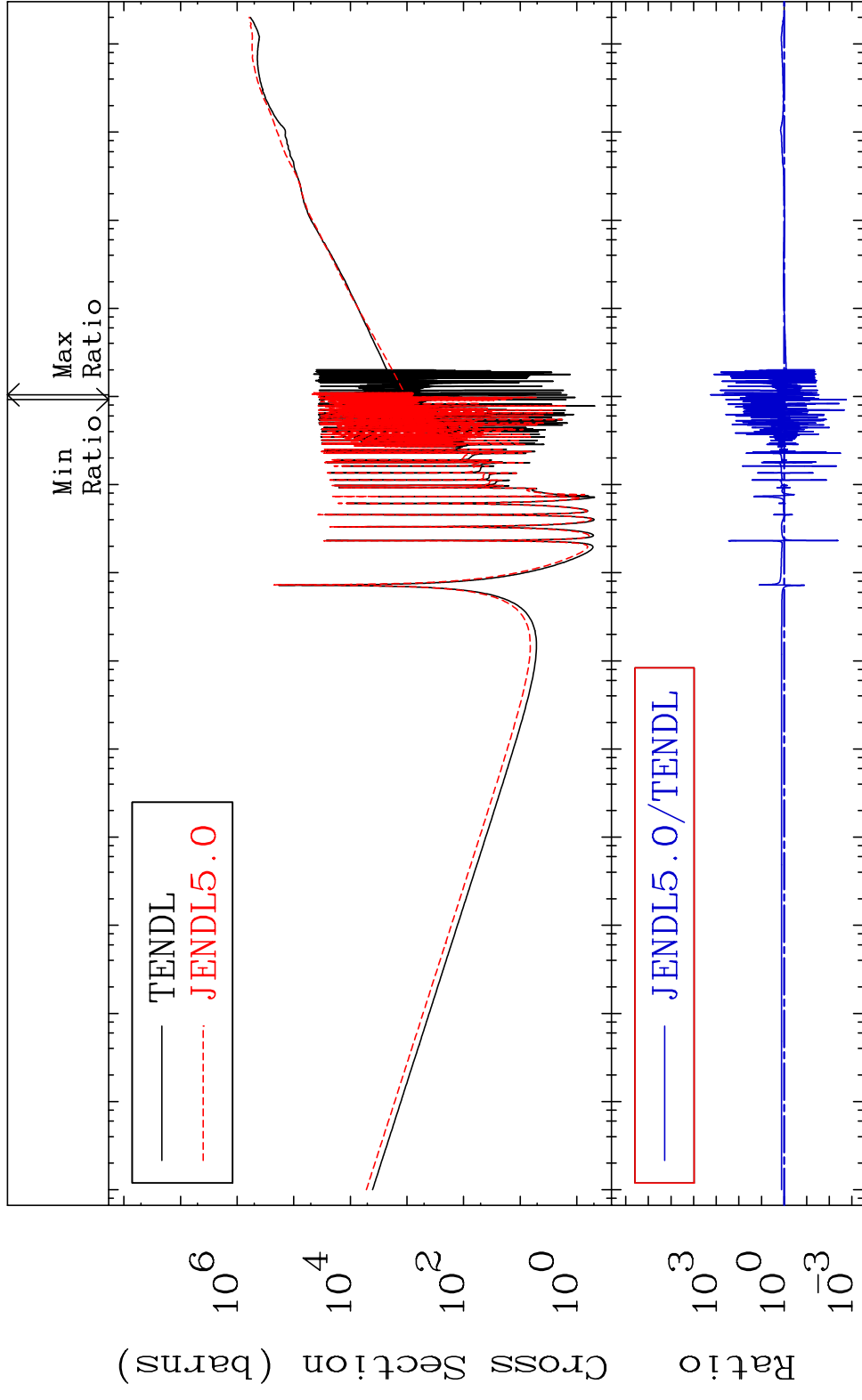
MAT 5231

Dpa total (eV-barns)

52-Te-122

Cross Section

-99.82 To 9999. %



45

Incident Energy (eV)

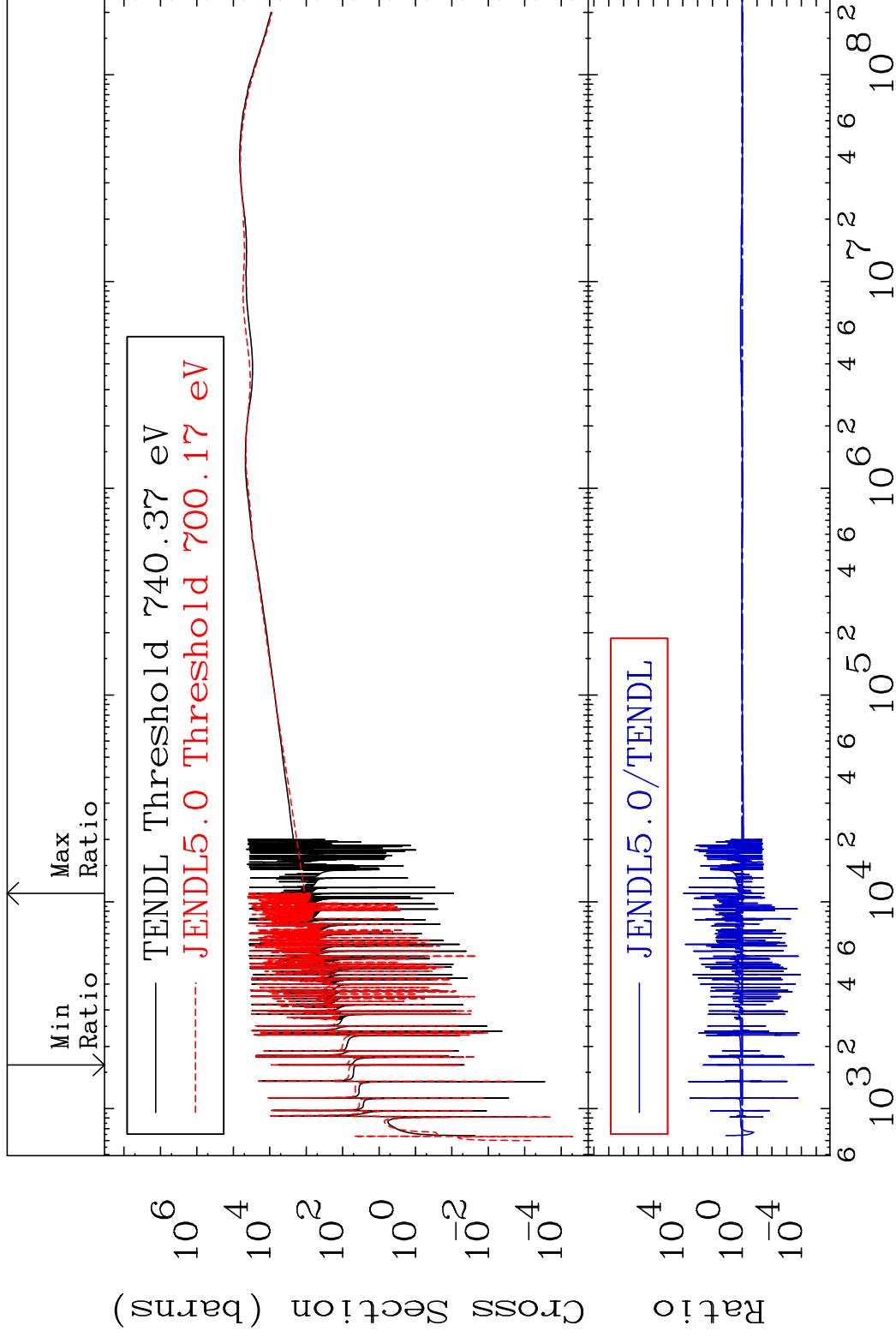
52-Te-122

MAT 5231

Dpa elastic (mt2)

52-Te-122

Cross Section -100.0 To 9999. %

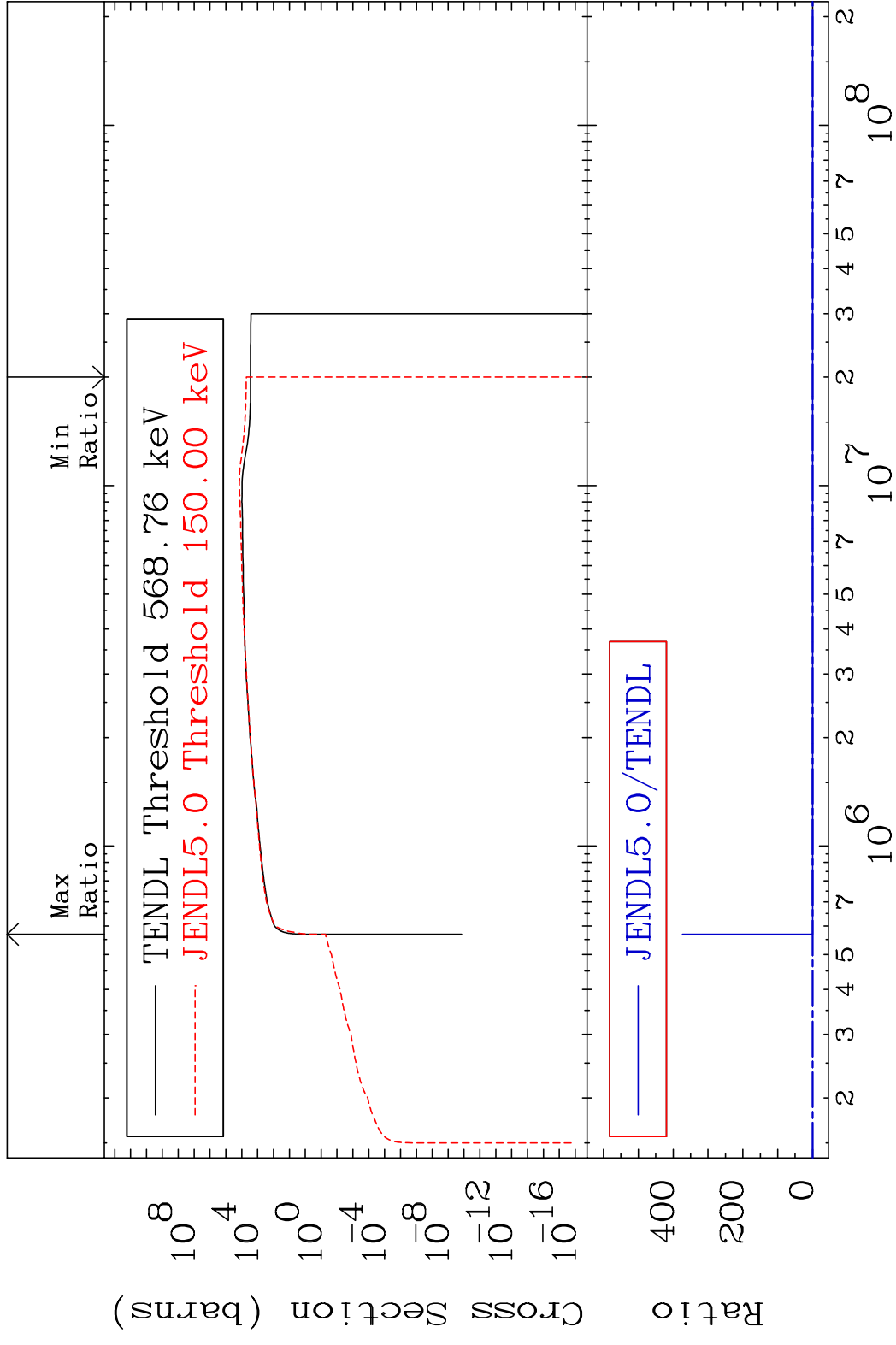


46

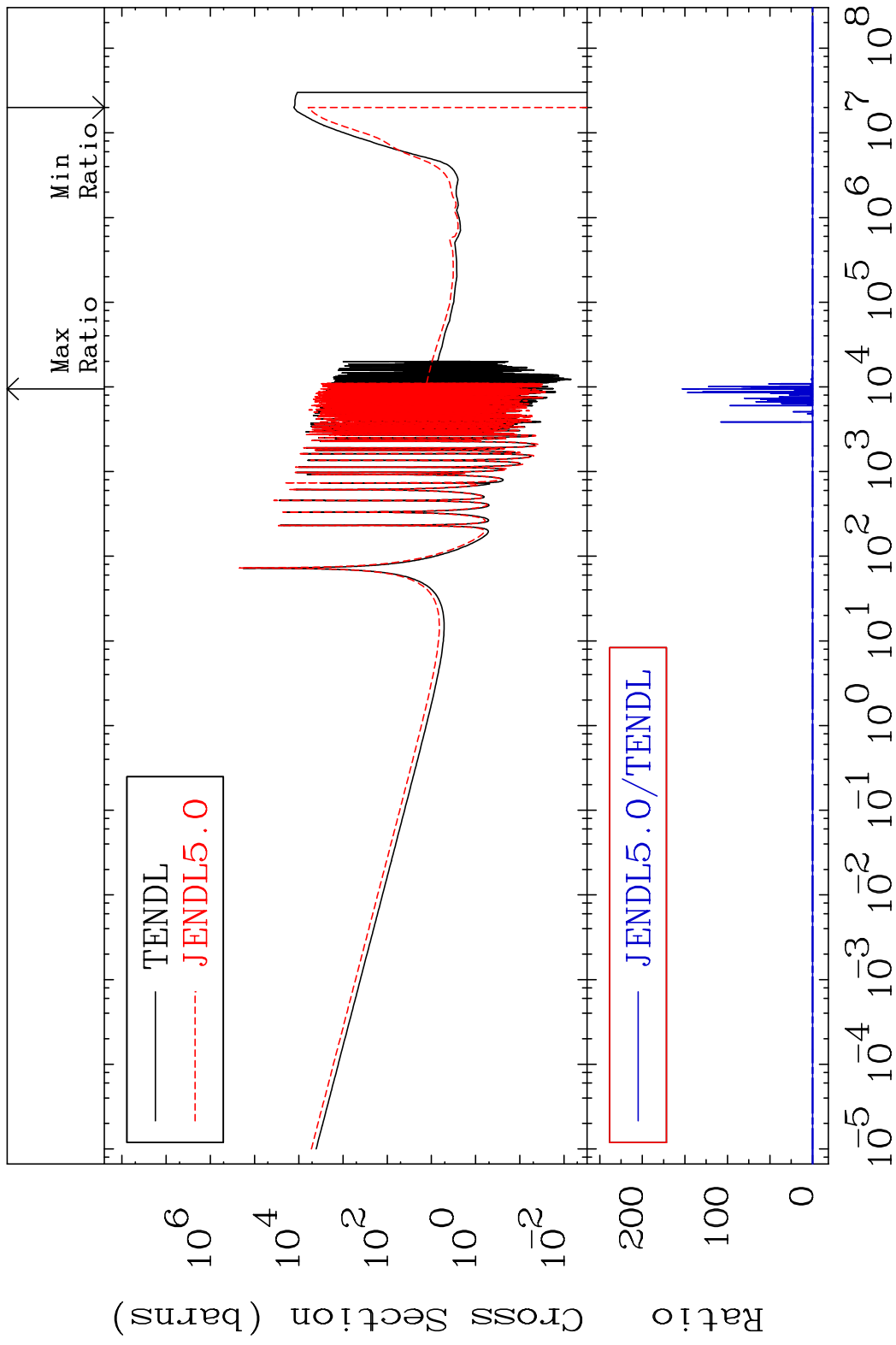
Incident Energy (eV)

52-Te-122

MAT 5231 Dpa inelastic (mt51-91) 52-Te-122
 Cross Section -100.0 To 9999. %

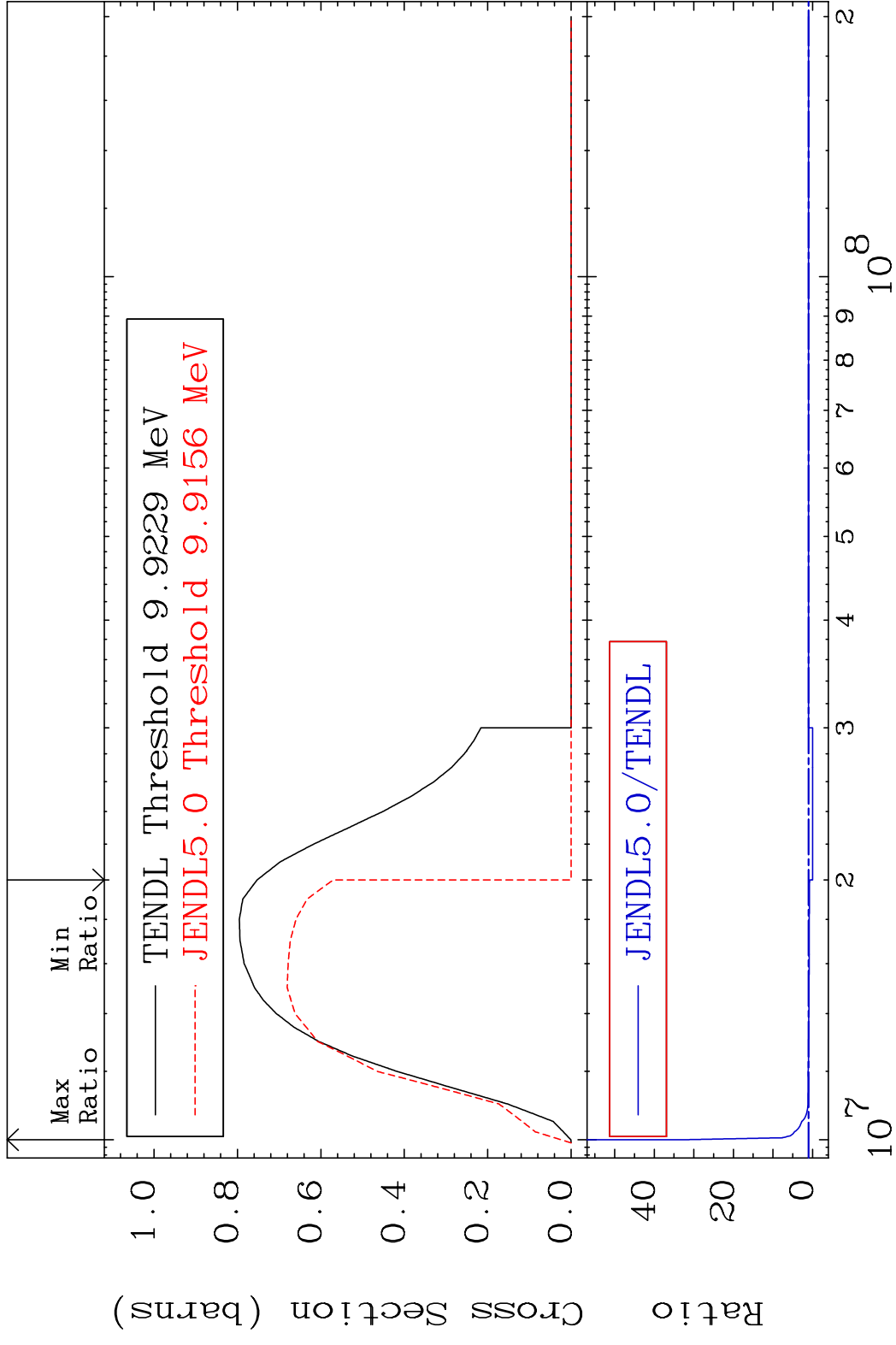


MAT 5231 Dpa disappearance (mt102 -120) 52-Te-122
 Cross Section -100.0 To 9999. %



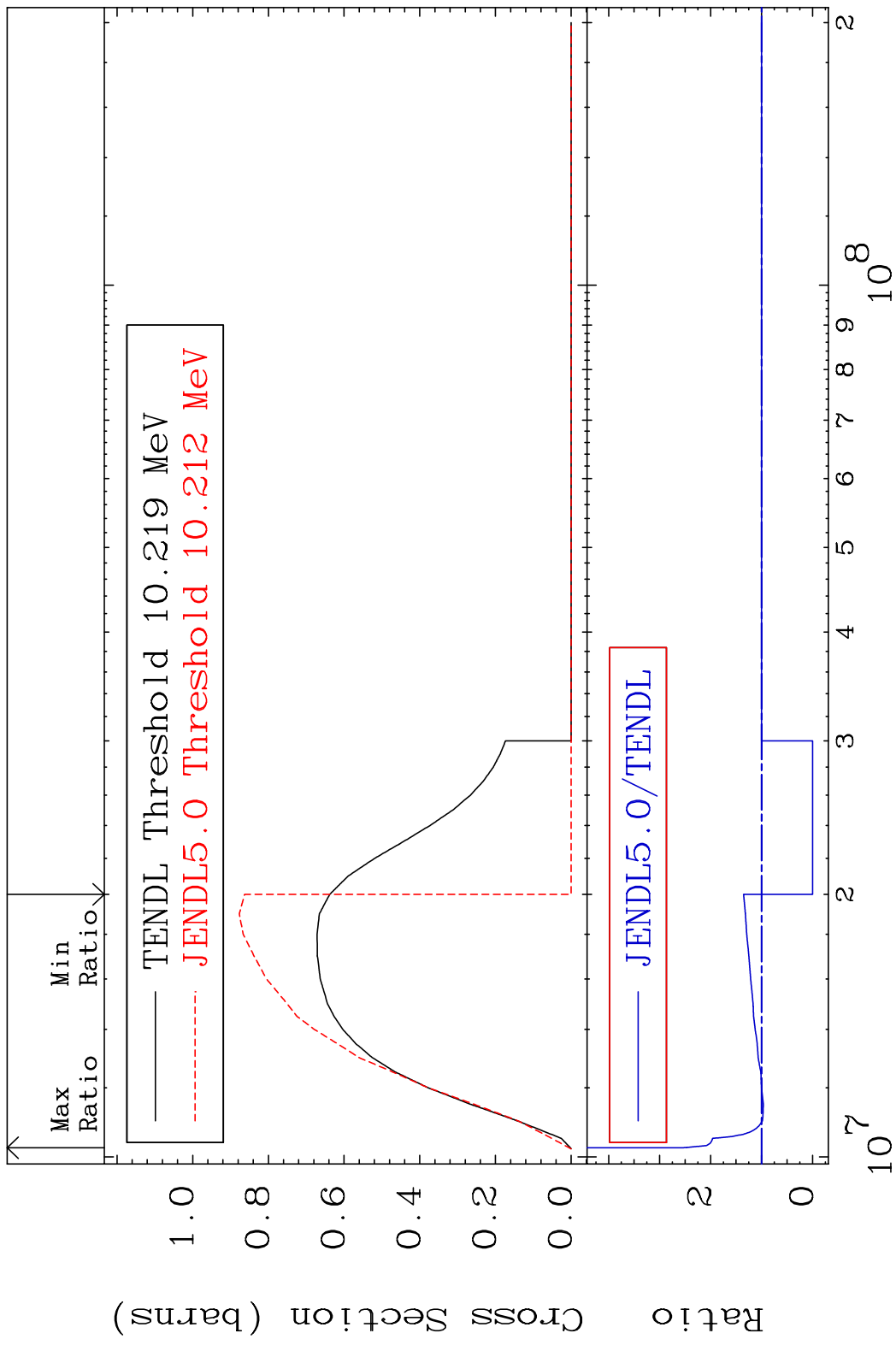
48 Incident Energy (eV) 52-Te-122

MAT 5231 (n,2n):52-Te-121g 52-Te-122
 Radionuclide Production Cross Section Ratio 3189. %



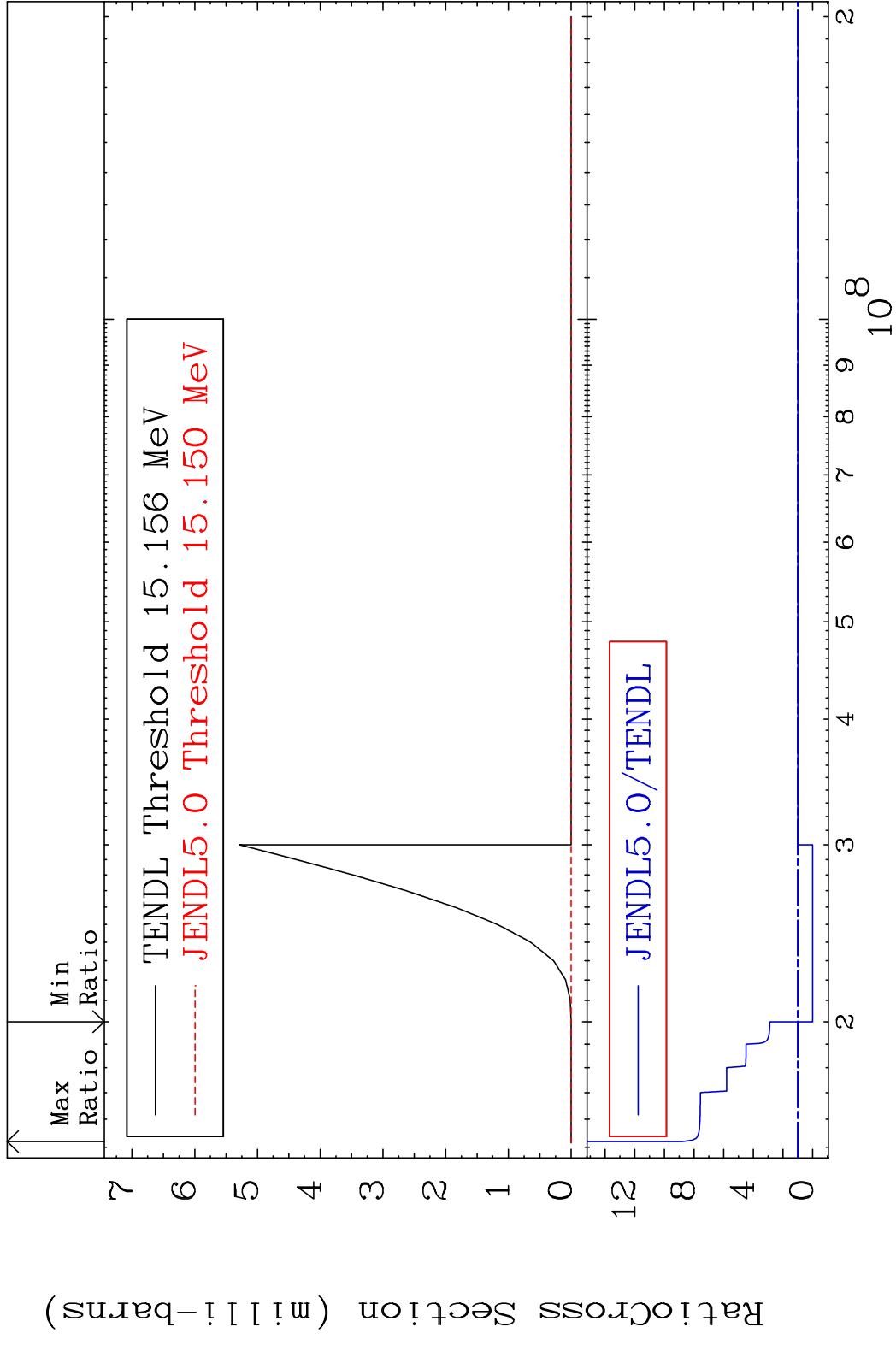
49 Incident Energy (eV) 52-Te-122

MAT 5231 (n,2n):52-Te-121m2 52-Te-122
 Radionuclide Production Cross Section 155.4 %

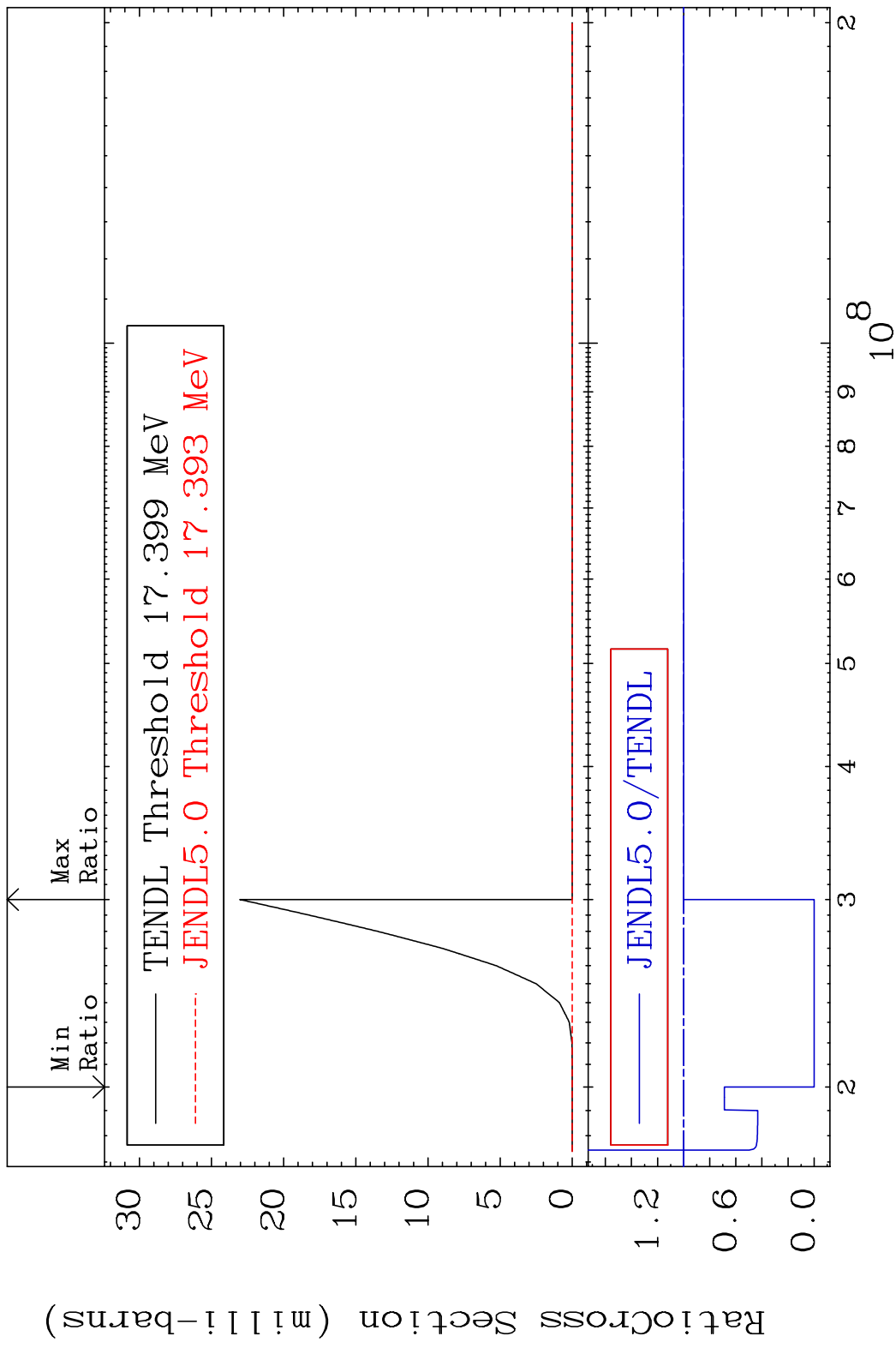


50 Incident Energy (eV) 52-Te-122

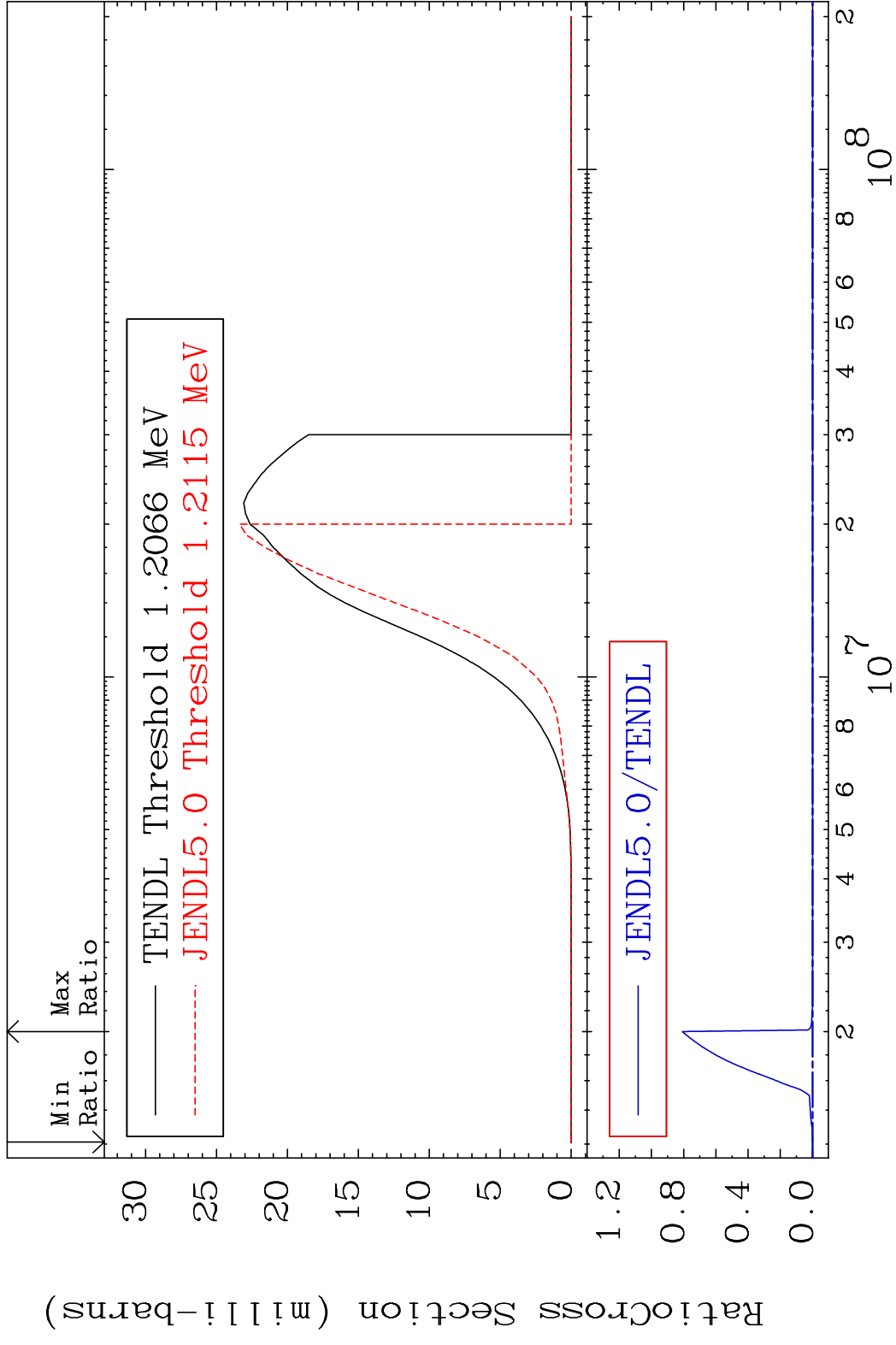
MAT 5231 (n, n') d:51-Sb-120g 52-Te-122
 Radionuclide Production Cross Section 180.0 dth 778.9 %

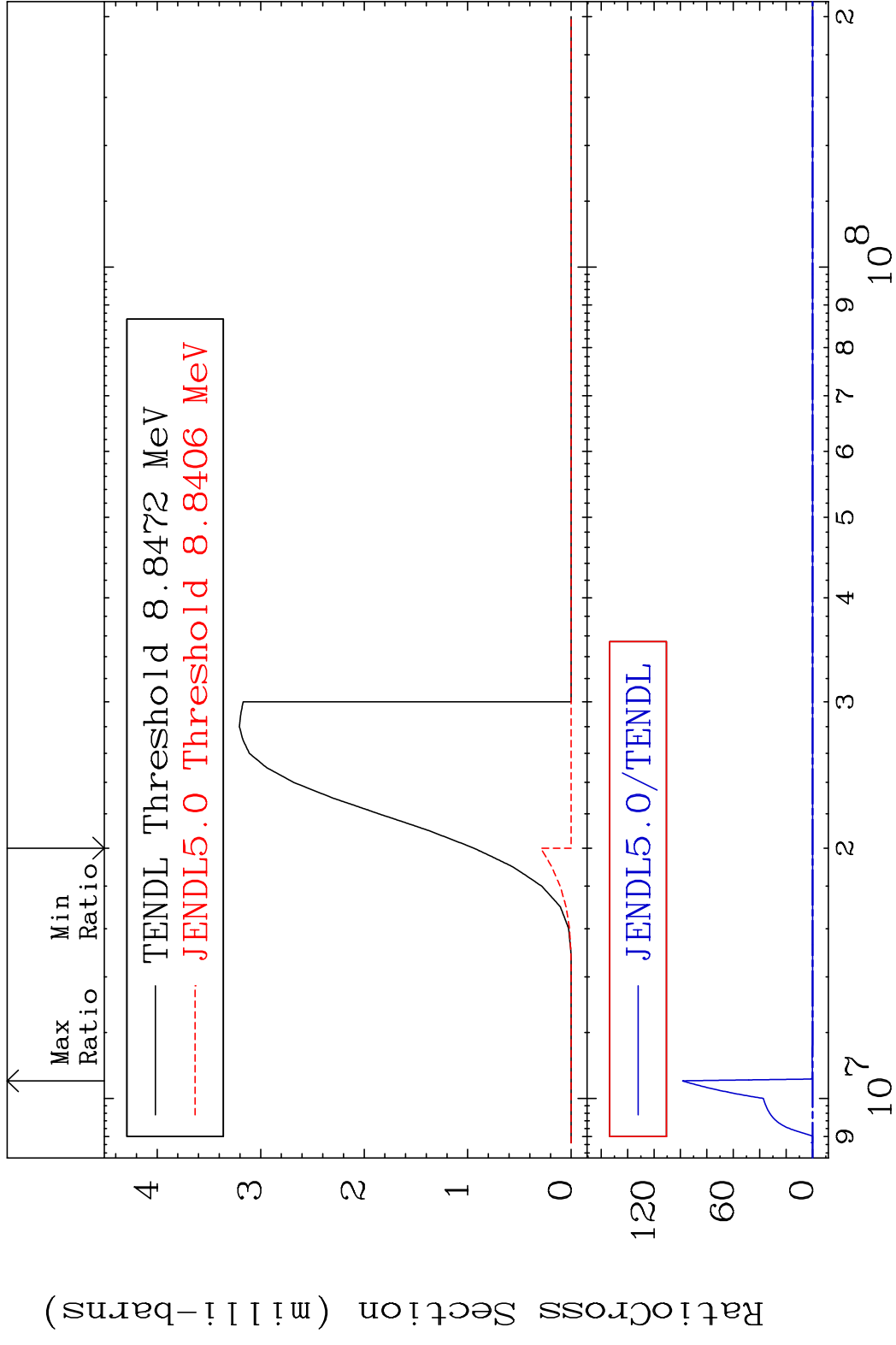


MAT 5231 (n,2n) p:51-Sb-120g 52-Te-122
 Radionuclide Production Cross Section Ratio 0.000 %



MAT 5231 (n,p):51-Sb-122g 52-Te-122
 Radionuclide Production Cross Section 18000 dth 9999. %



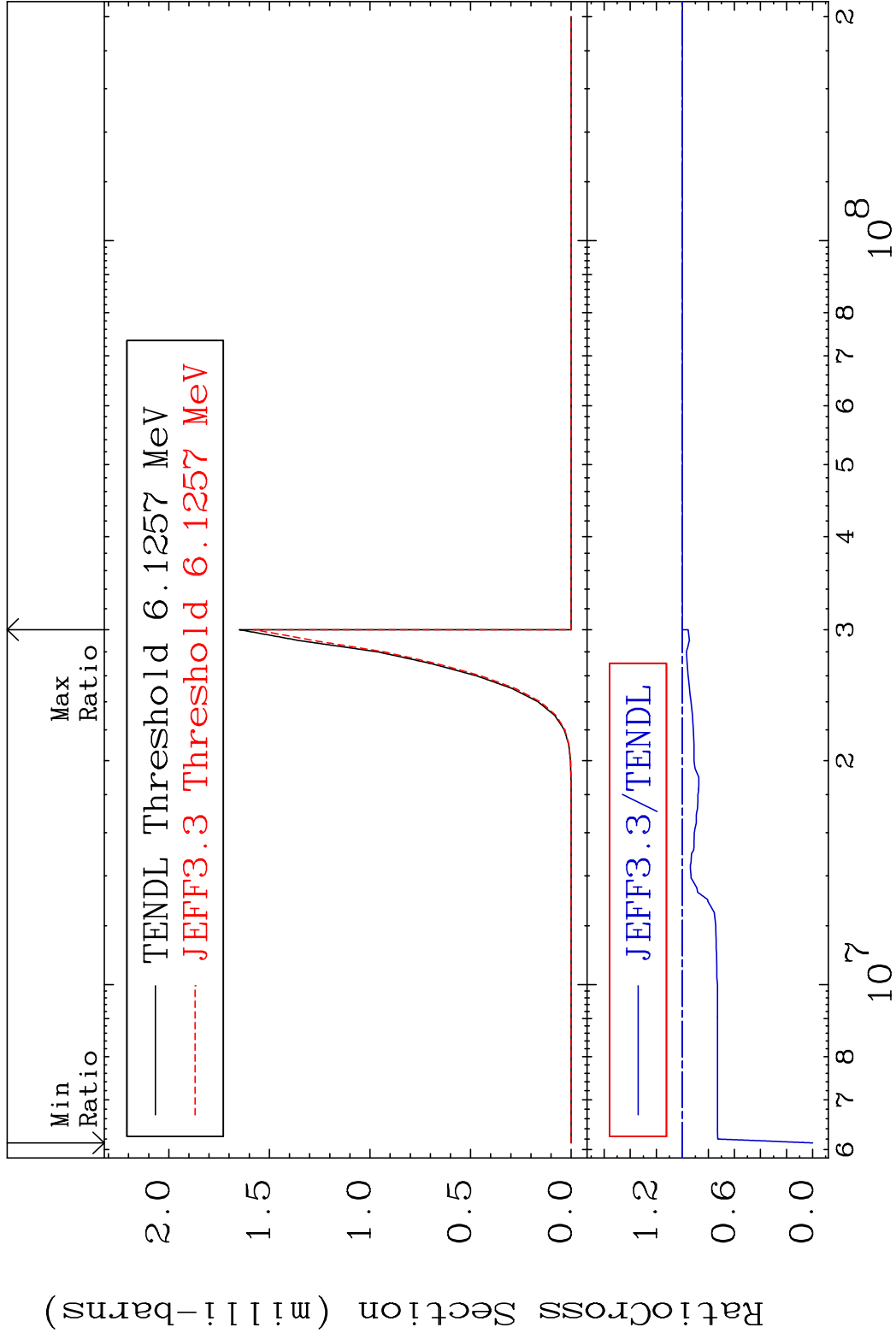


MAT 5231

(n, He-3)

52-Te-122

Cross Section -100.0 To 0.000 %



55

Incident Energy (eV)

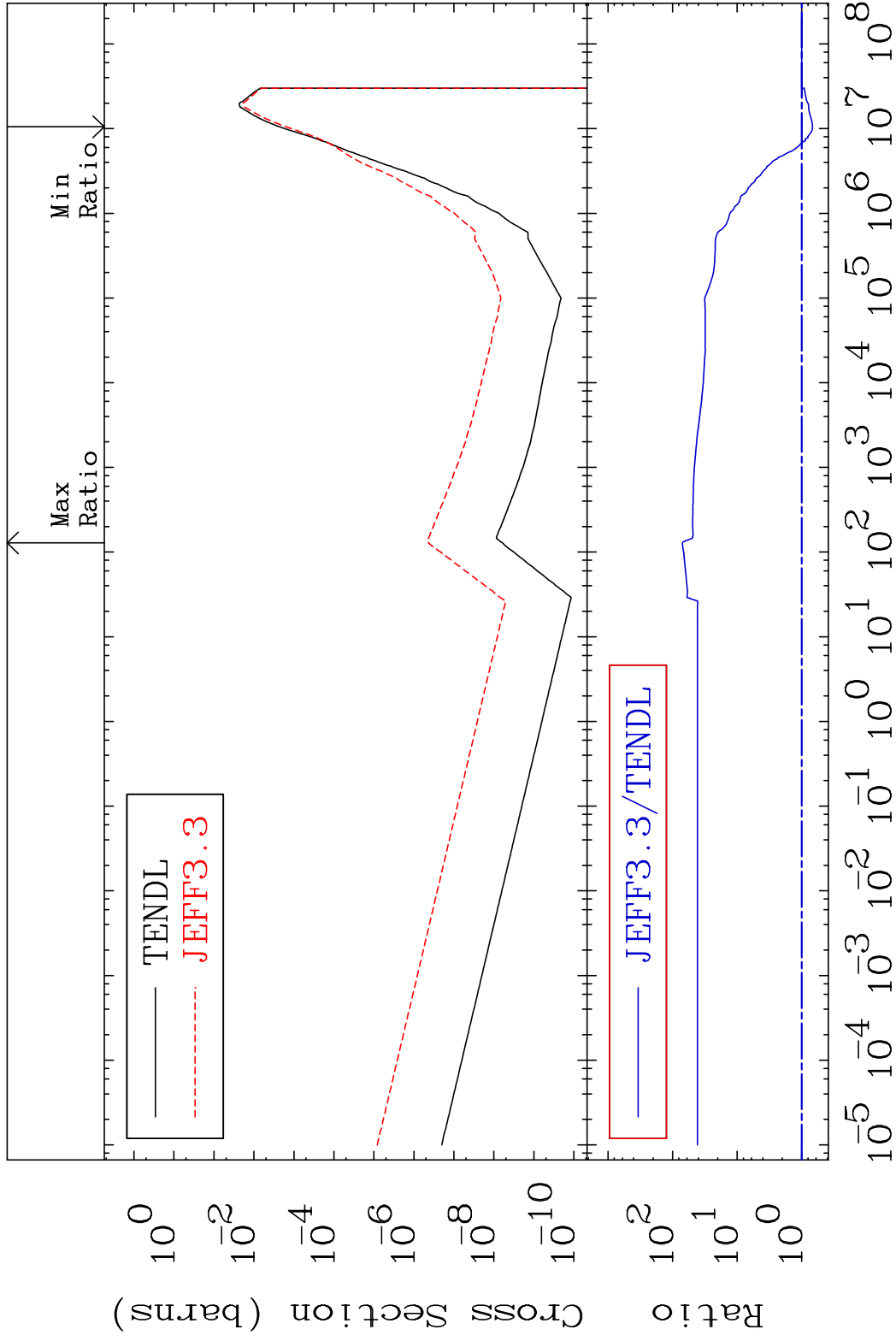
52-Te-122

MAT 5231

(n, α)

52-Te-122

Cross Section -31.95 To 6956. %



56

Incident Energy (eV)

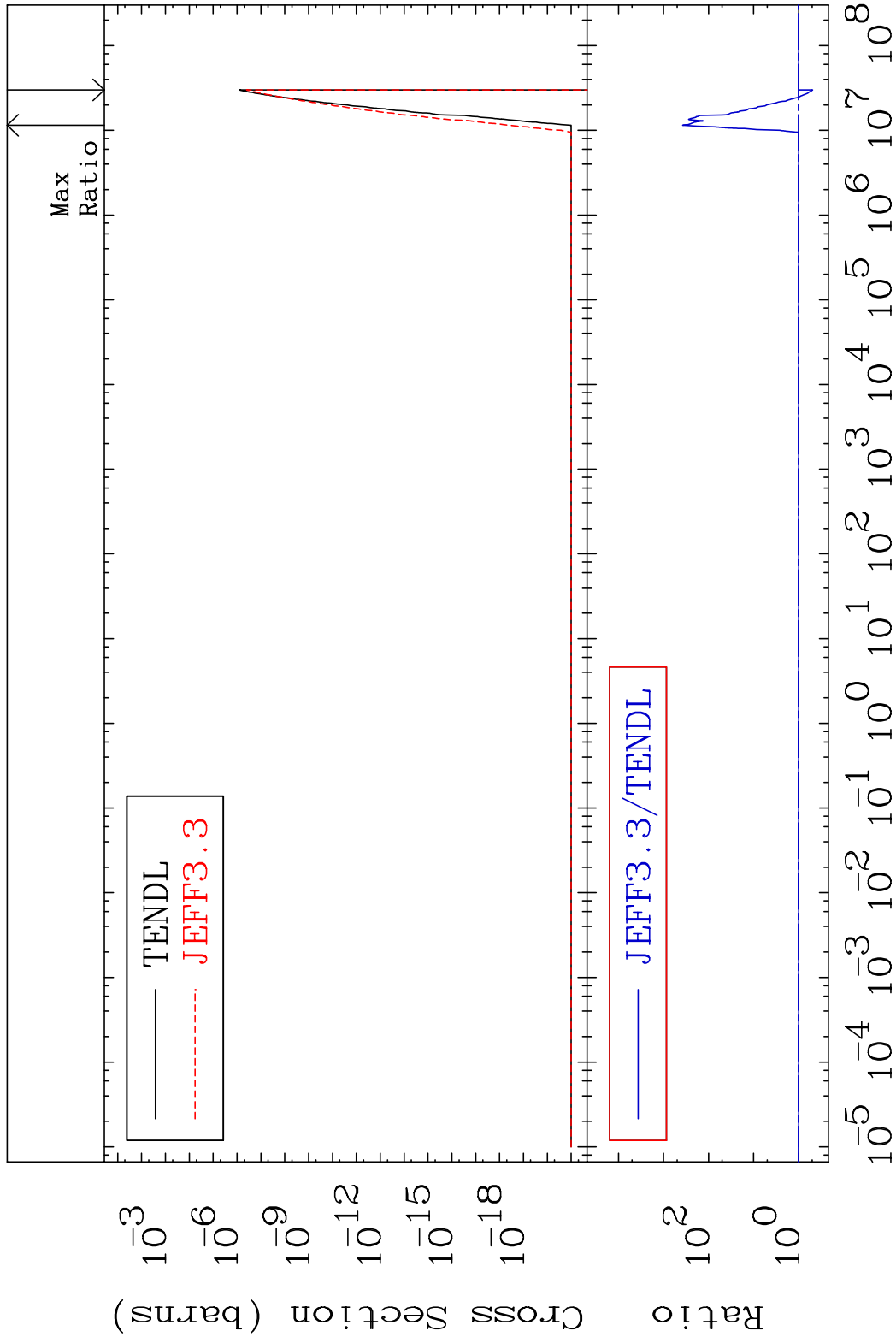
52-Te-122

MAT 5231

(n,2α)

52-Te-122

Cross Section -51.01 To 9999. %



57

Incident Energy (eV)

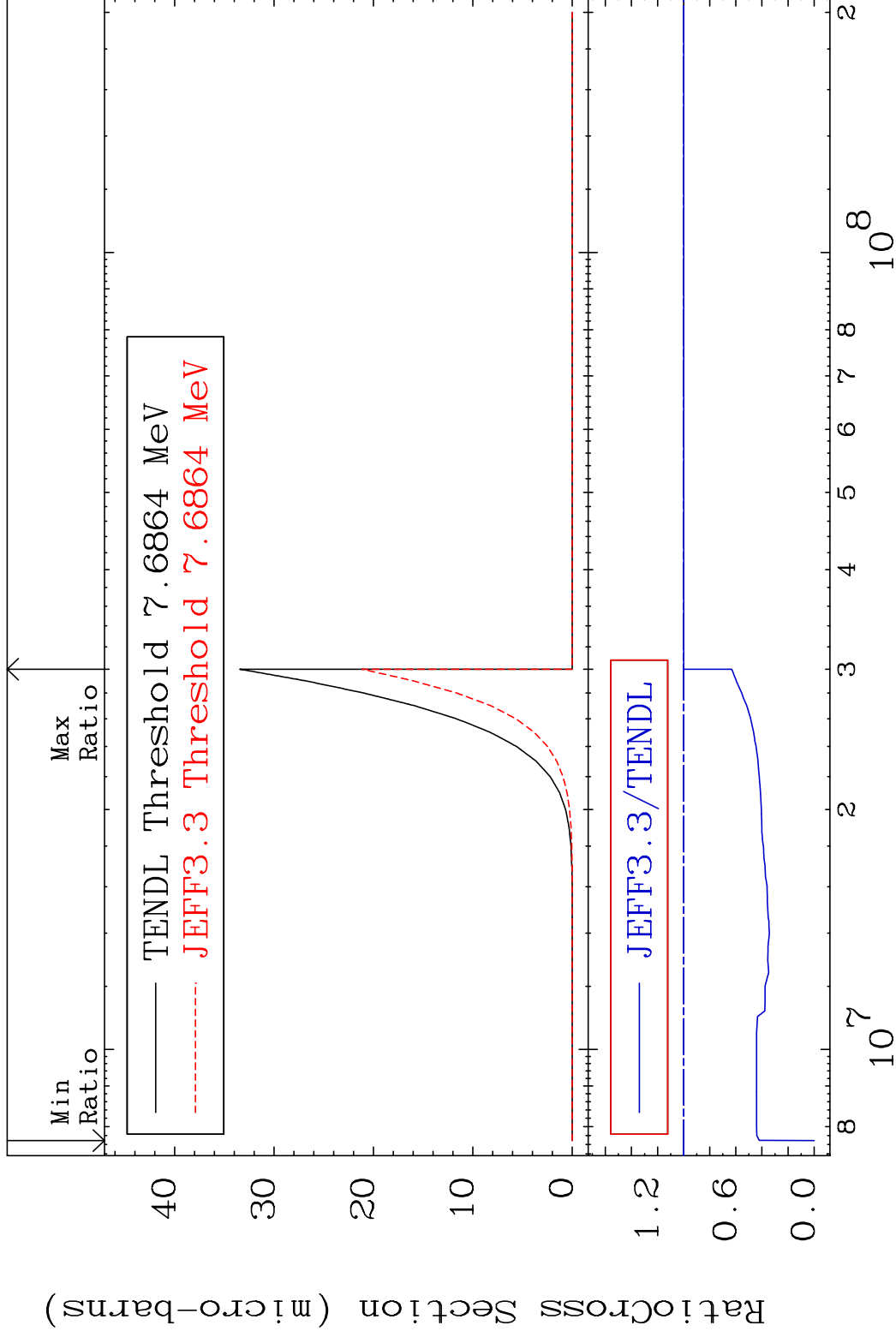
52-Te-122

MAT 5231

(n,2p)

52-Te-122

Cross Section -100.0 To 0.000 %



58

Incident Energy (eV)

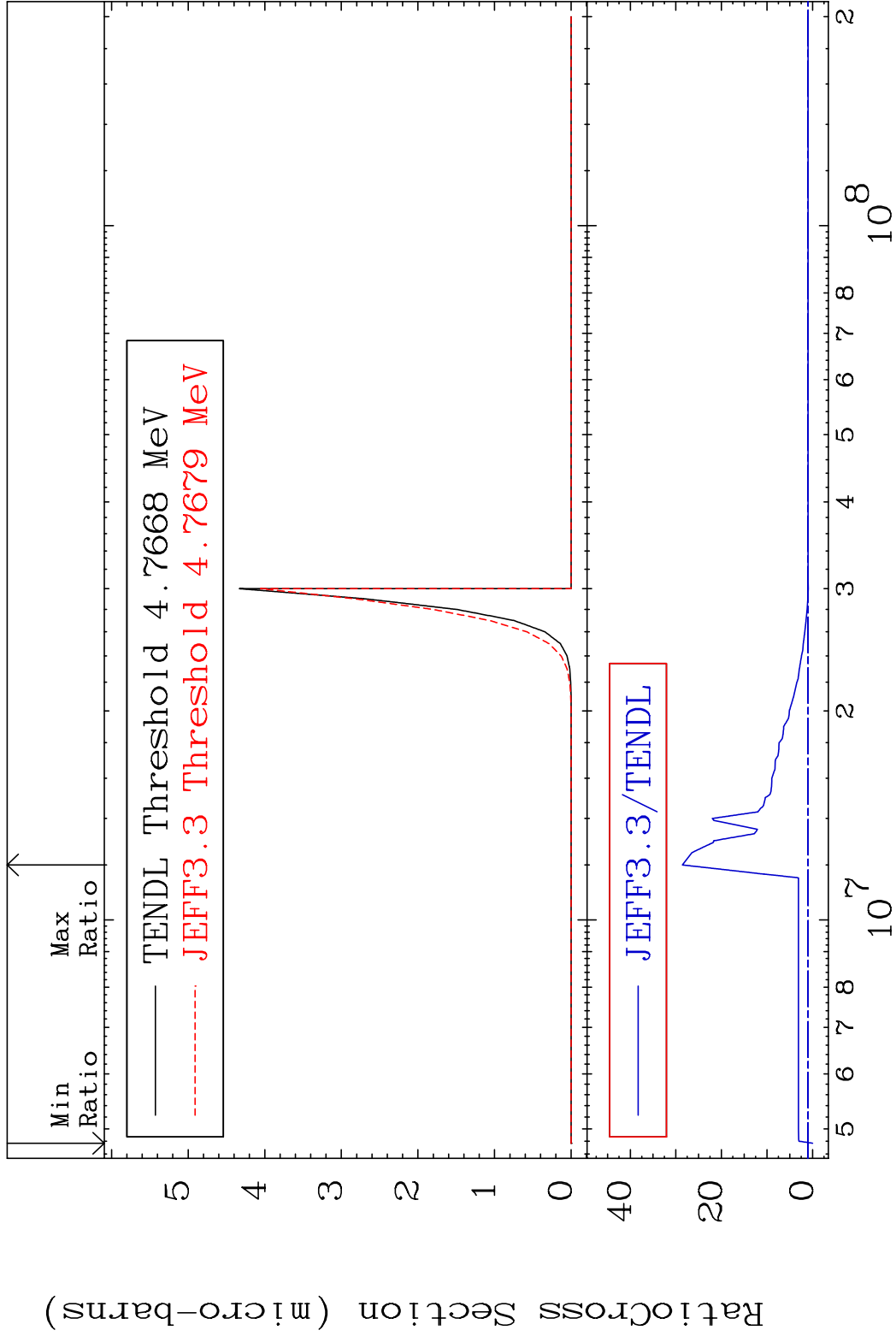
52-Te-122

MAT 5231

(n,p) α

52-Te-122

Cross Section -100.0 To 2757. %



59

Incident Energy (eV)

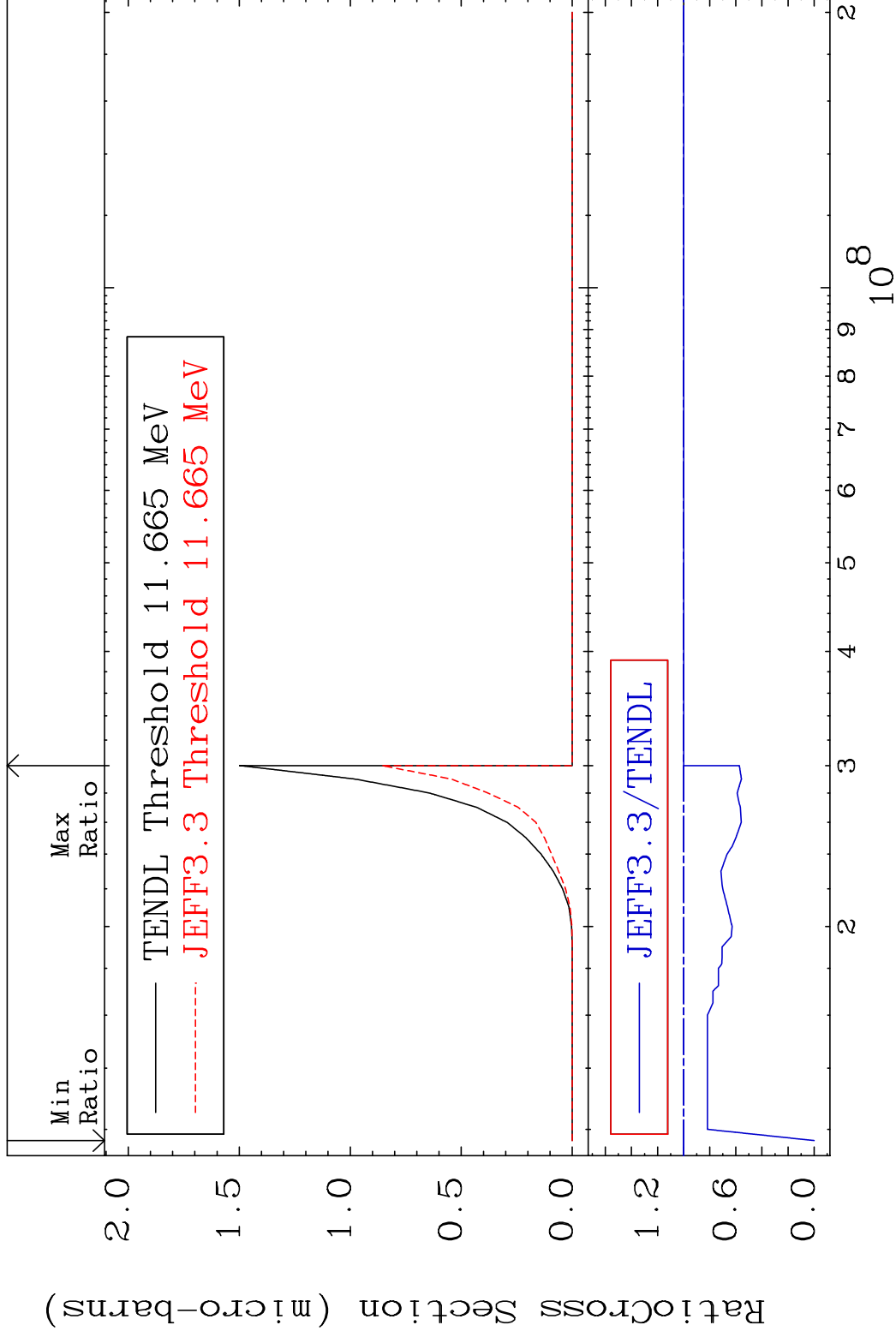
52-Te-122

MAT 5231

(n,p) d

52-Te-122

Cross Section -100.0 To 0.000 %



60

Incident Energy (eV)

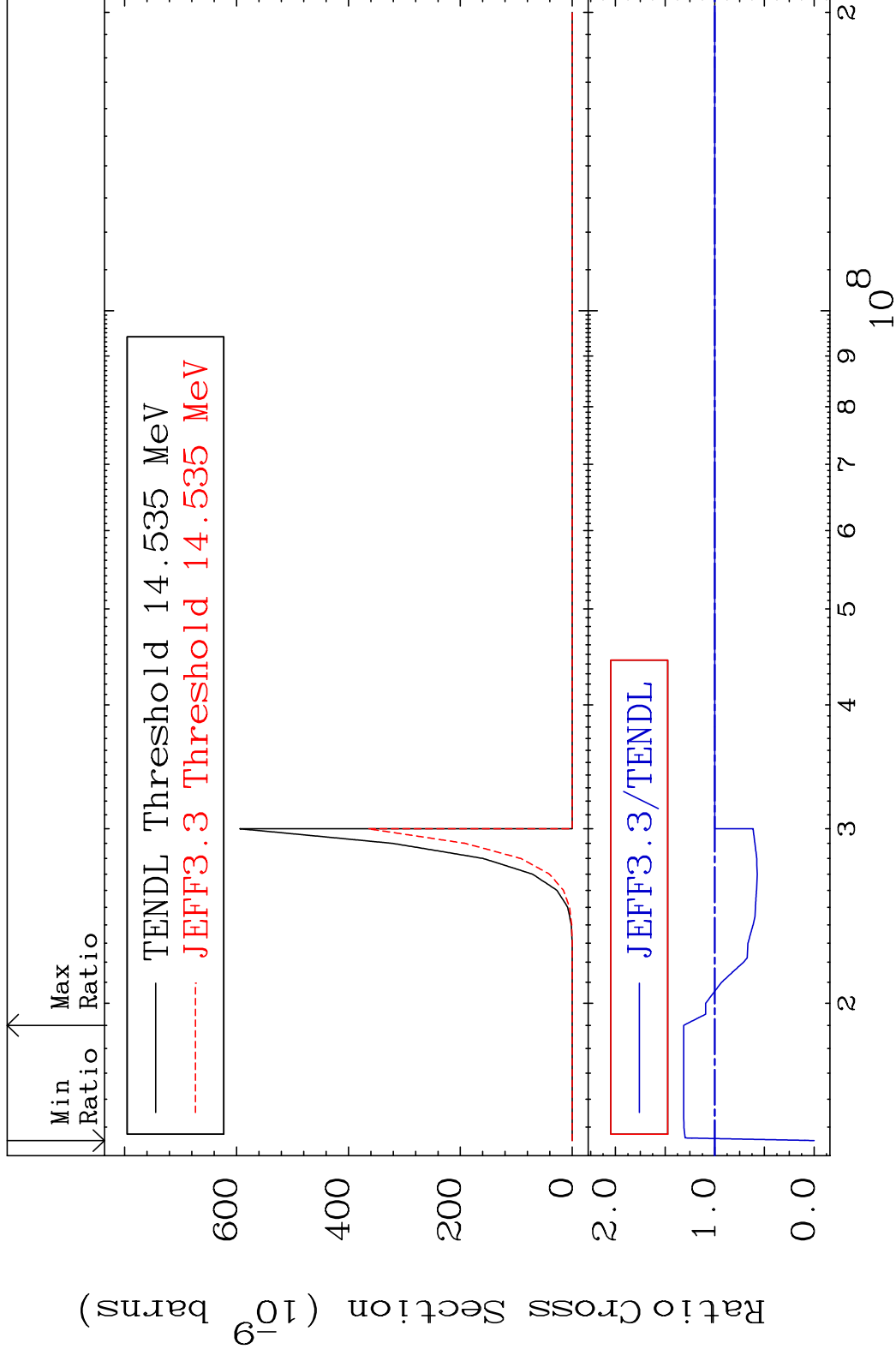
52-Te-122

MAT 5231

(n,p) t

52-Te-122

Cross Section -100.0 To 31.34 %



61

Incident Energy (eV)

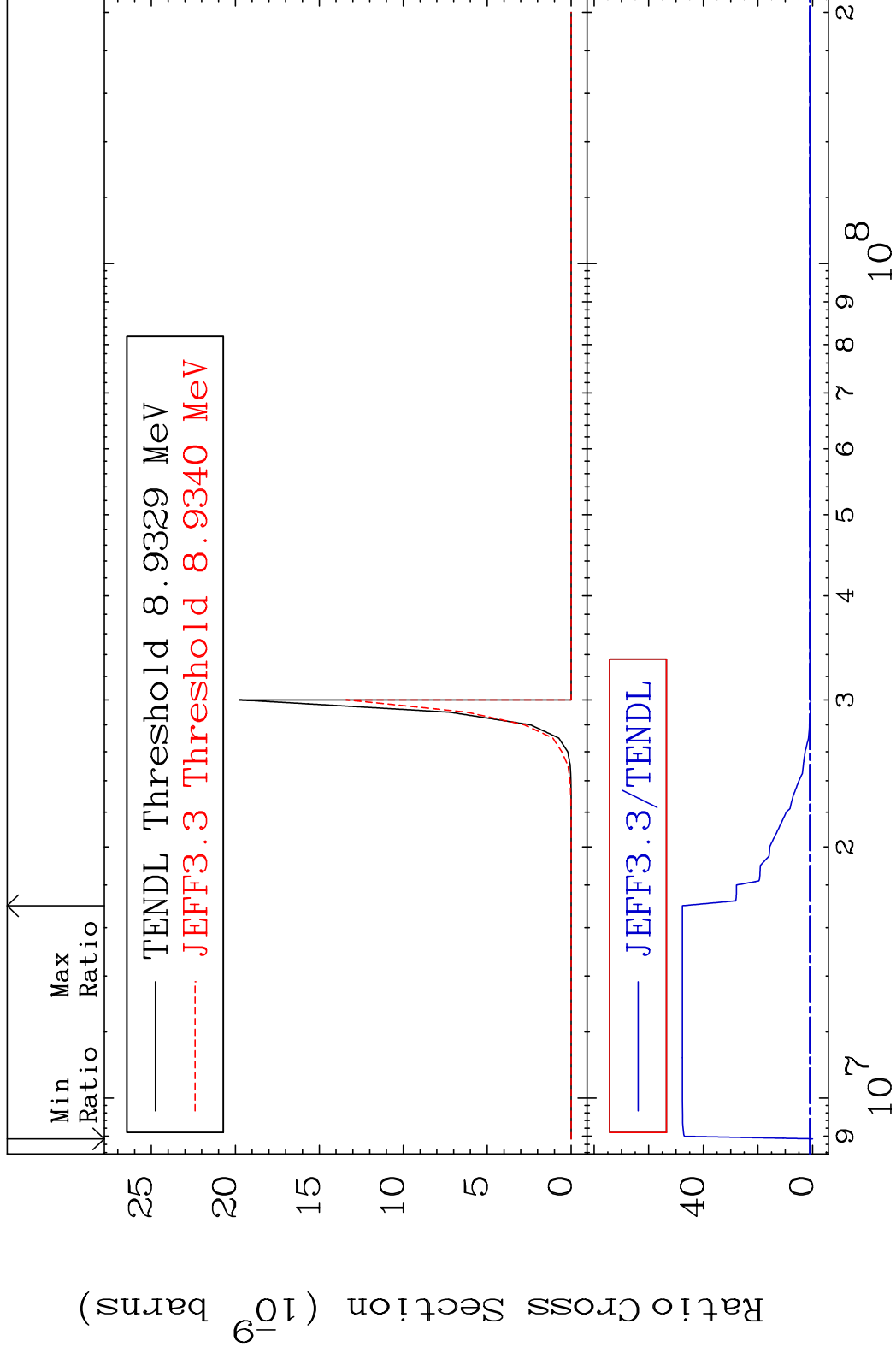
52-Te-122

MAT 5231

(n,d) α

52-Te-122

Cross Section -100.0 To 4669. %

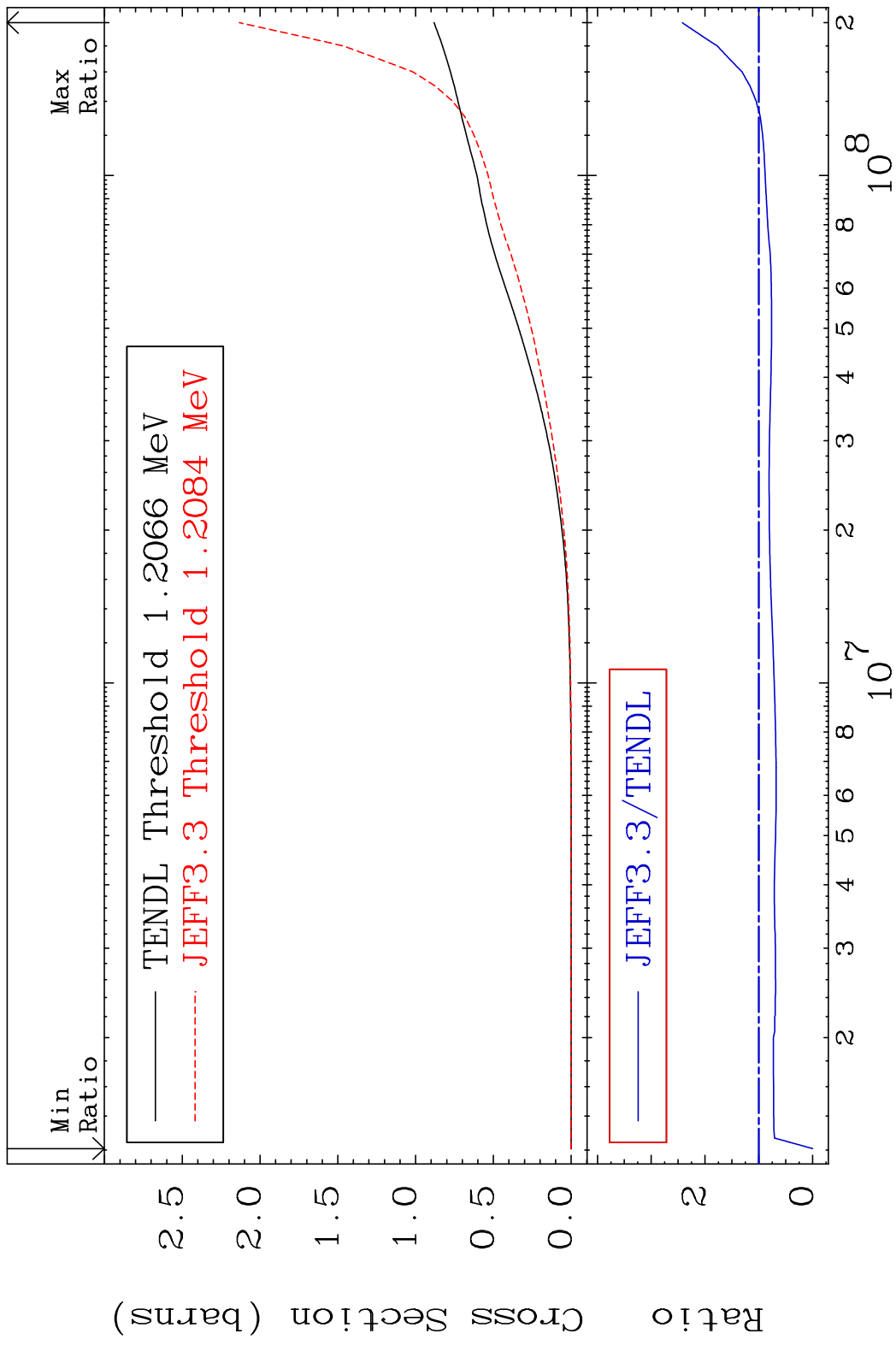


62

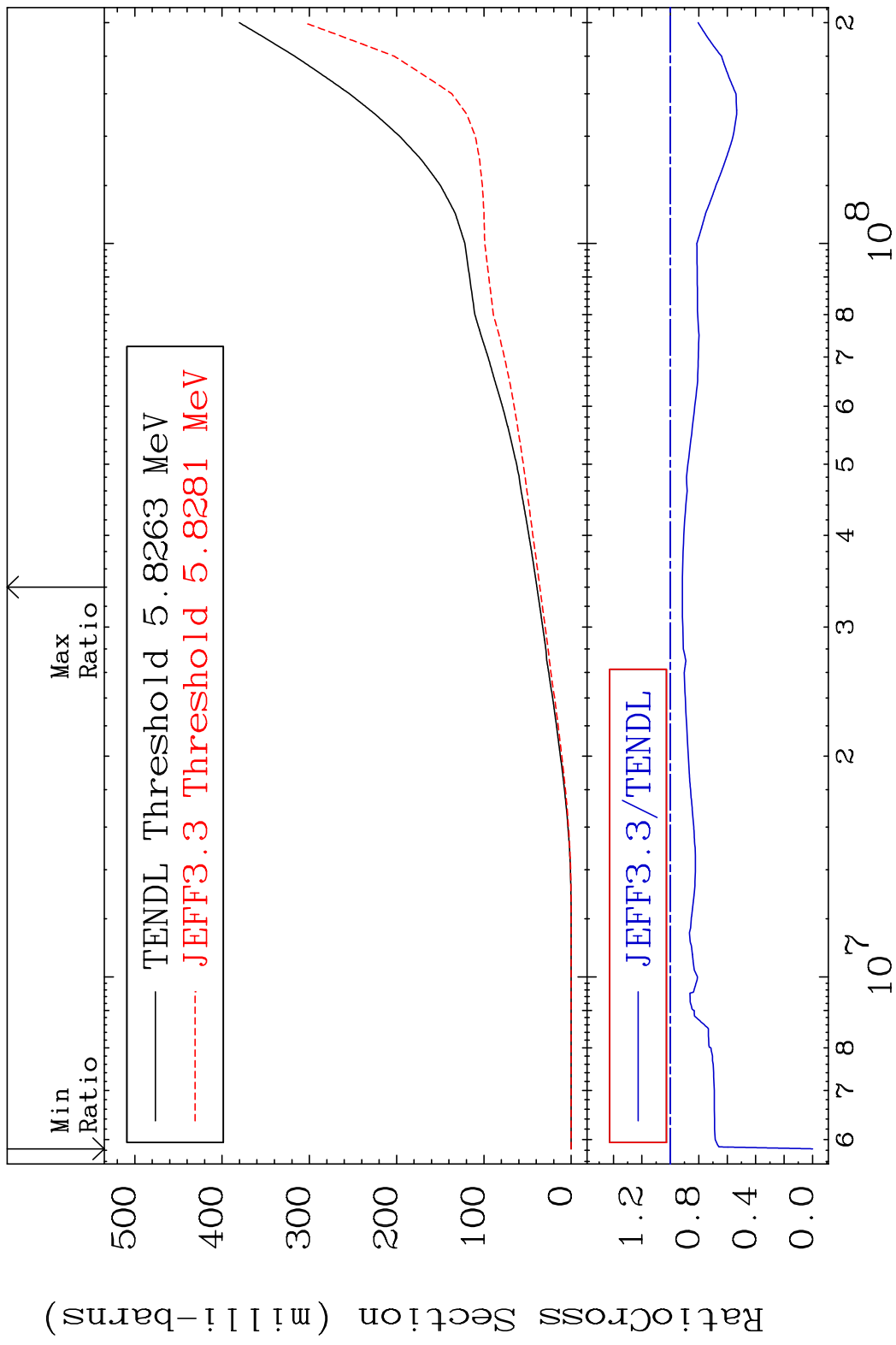
Incident Energy (eV)

52-Te-122

MAT 5231 Hydrogen Production 52-Te-122
 Cross Section -100.0 To 142.1 %



MAT 5231 Deuterium Production 52-Te-122
 Cross Section -100.0 To -8.459%

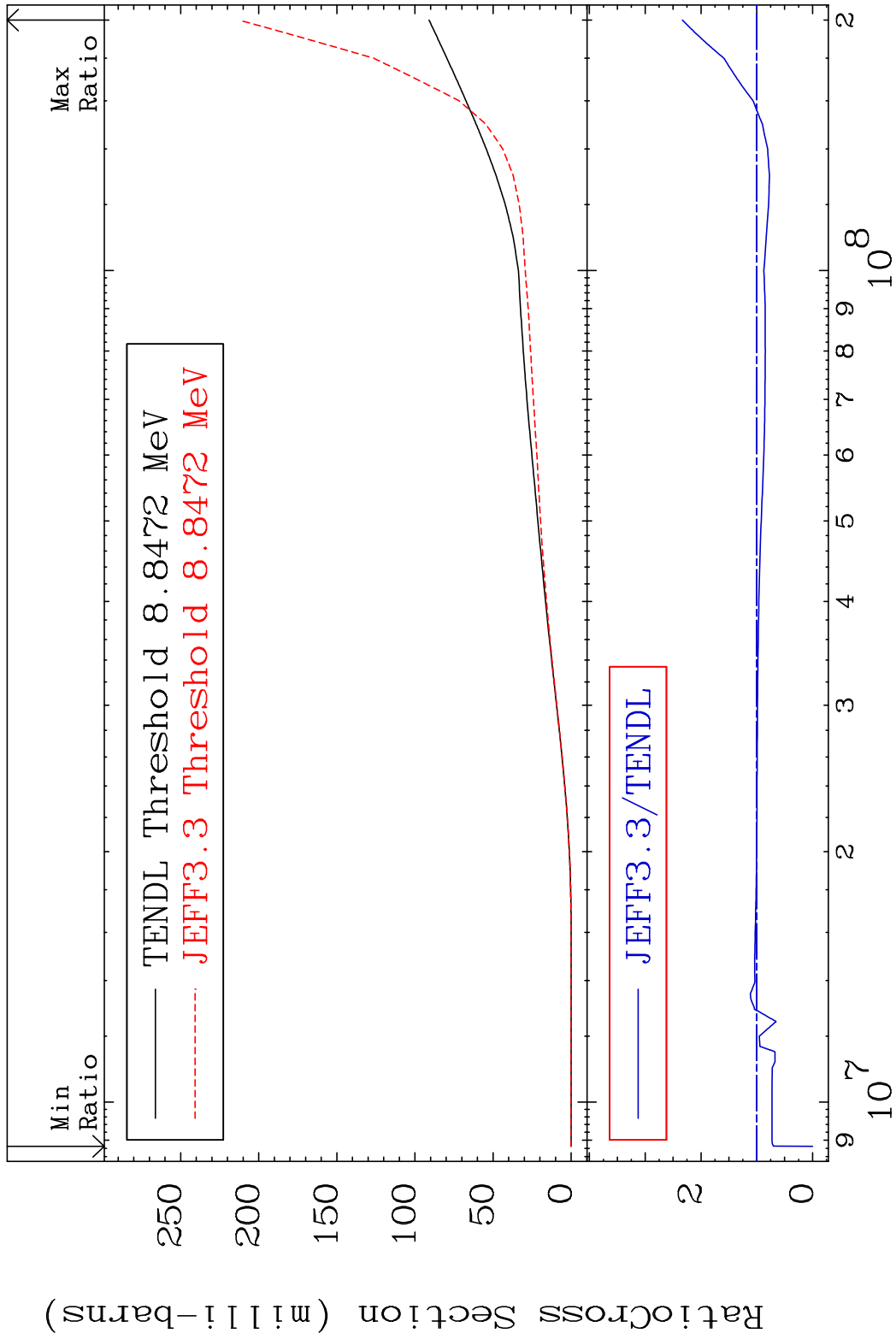


MAT 5231

Tritium Production

52-Te-122

Cross Section -100.0 To 133.4 %



65

Incident Energy (eV)

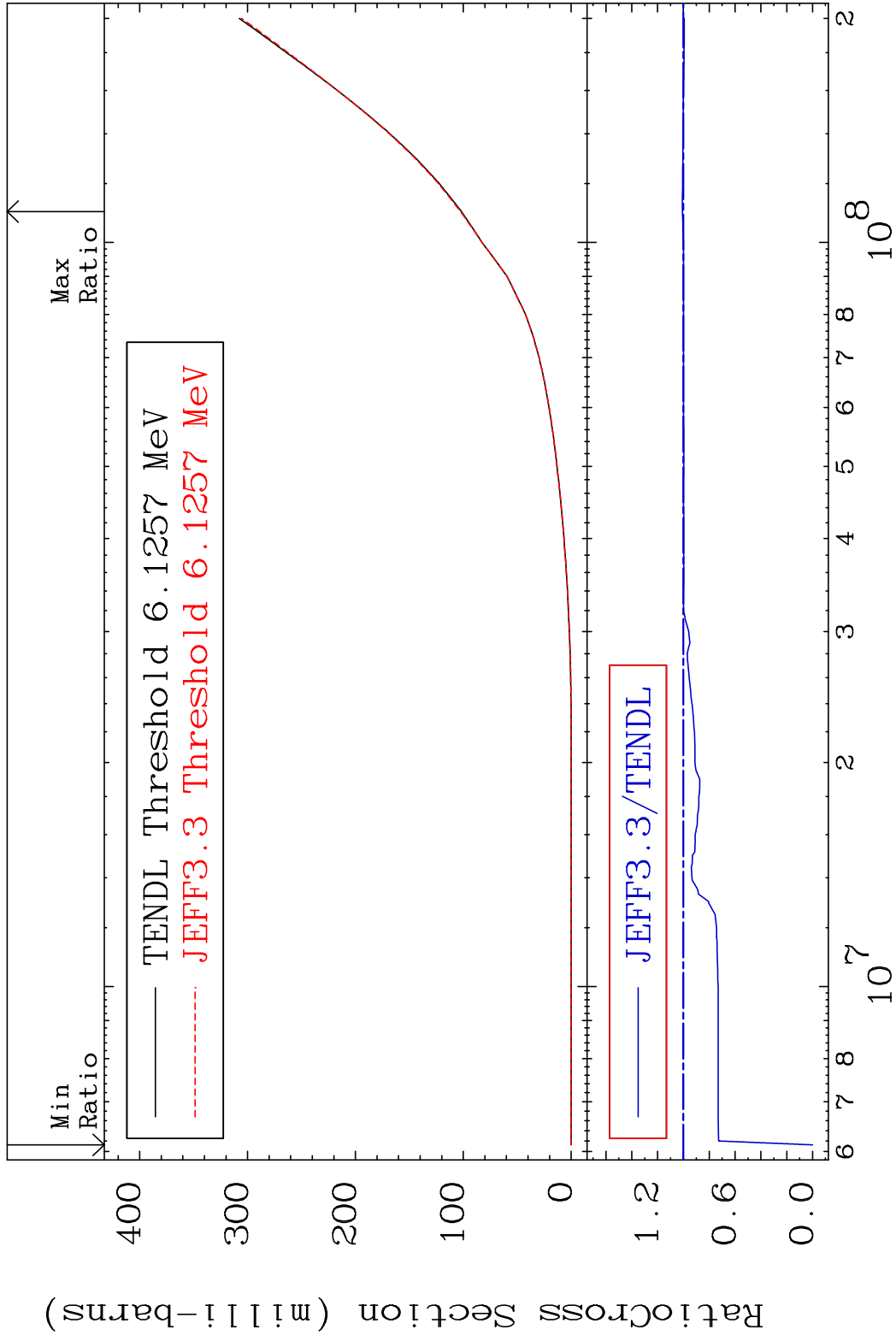
52-Te-122

MAT 5231

He-3 Production

⁵²Te-122

Cross Section -100.0 To 0.821 %



66

Incident Energy (eV)

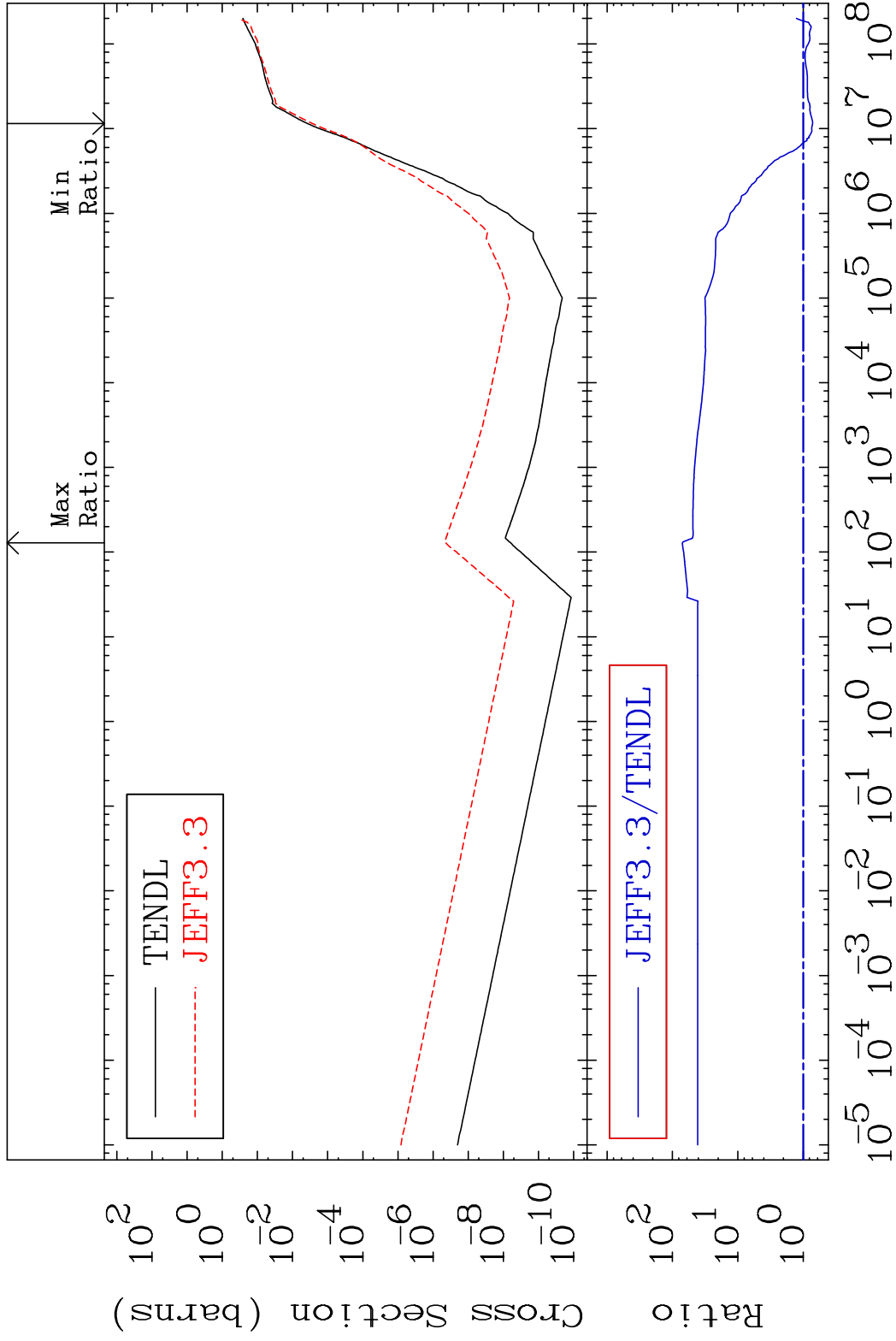
⁵²Te-122

MAT 5231

He-4 Production

52-Te-122

Cross Section -28.19 To 6956. %

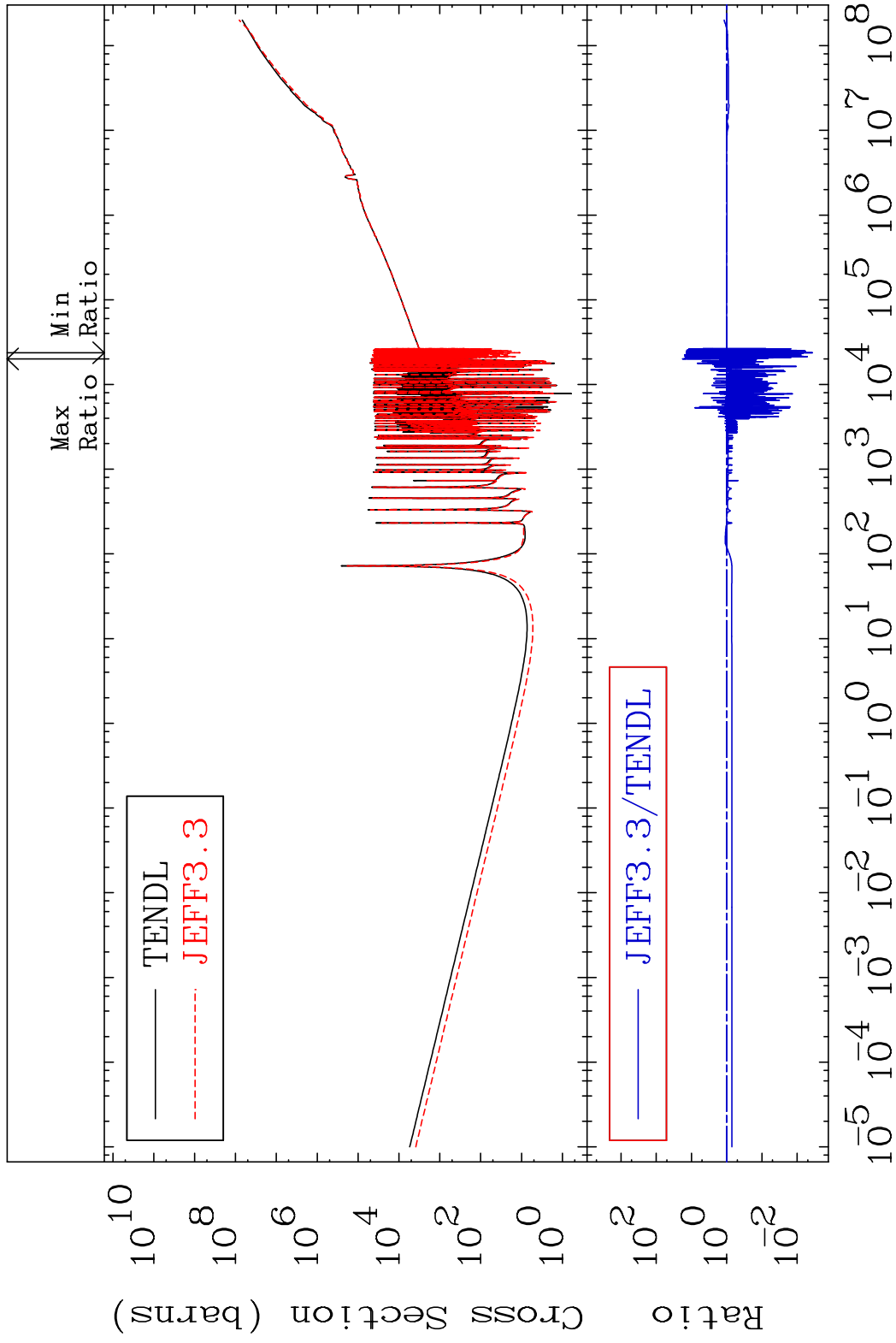


MAT 5231

Kerma total (eV-barns)

52-Te-122

Cross Section -99.63 To 1713. %



68

Incident Energy (eV)

52-Te-122

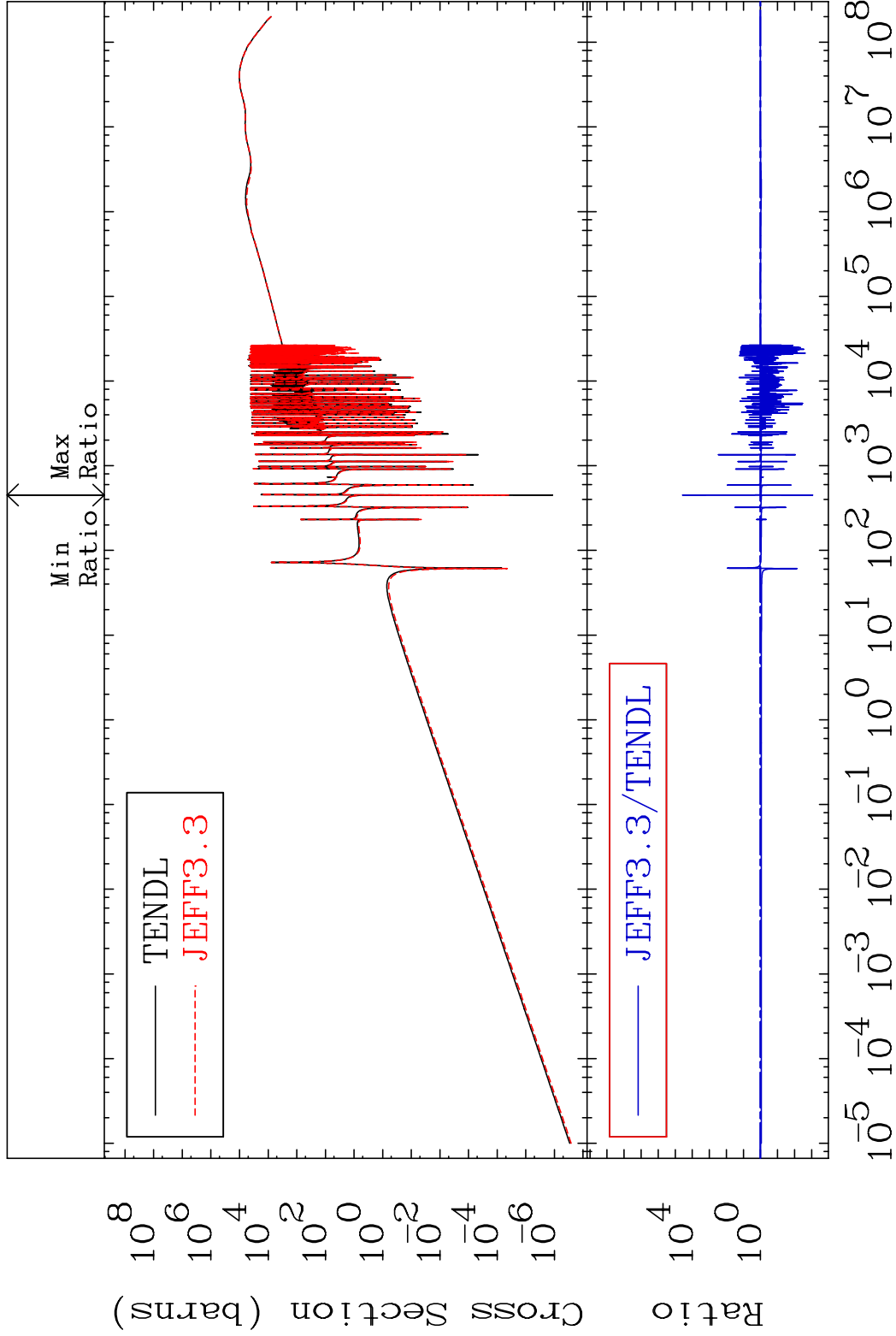
MAT 5231

Kerma elastic

52-Te-122

Cross Section

-99.91 To 9999. %

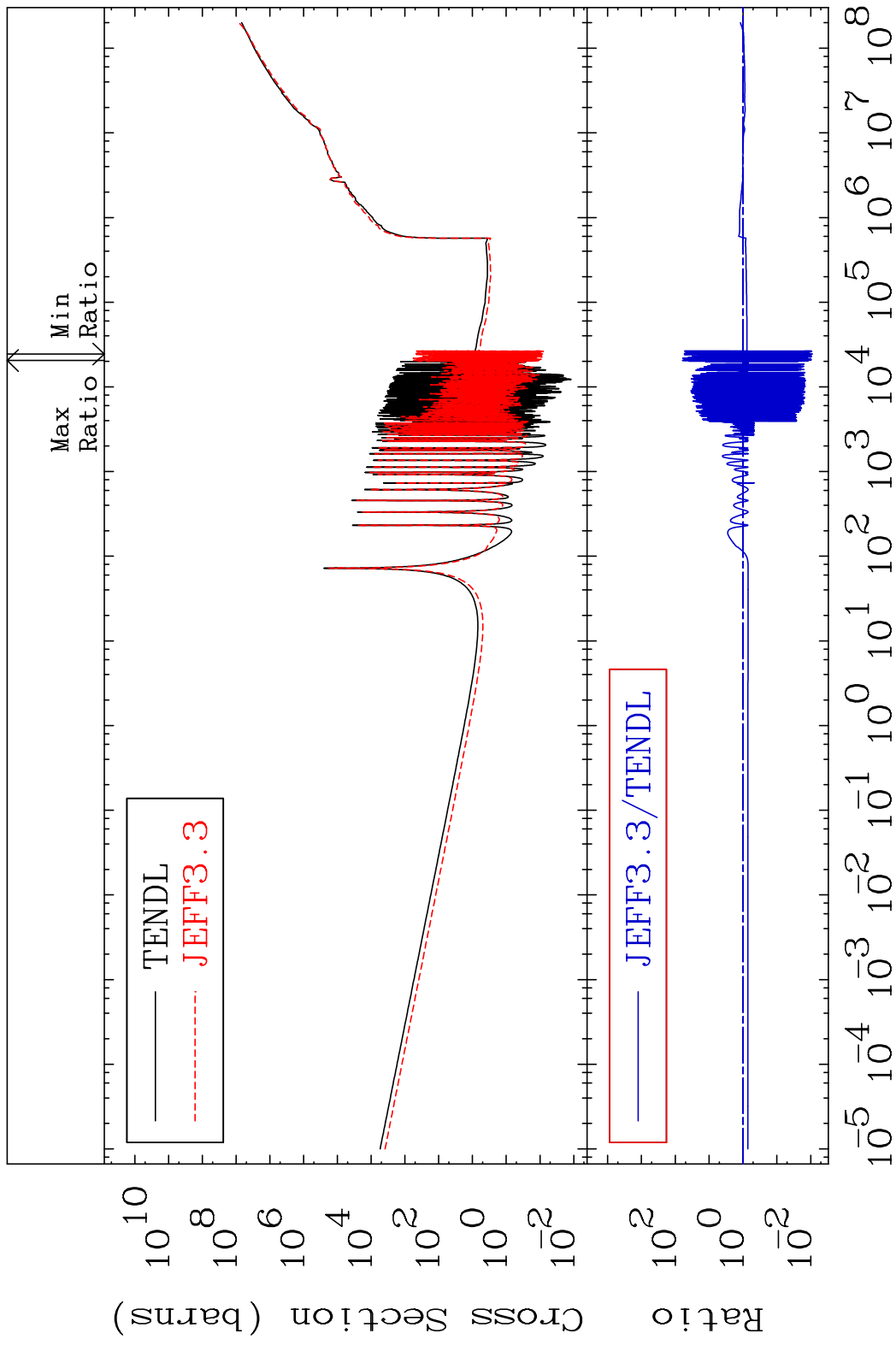


69

Incident Energy (eV)

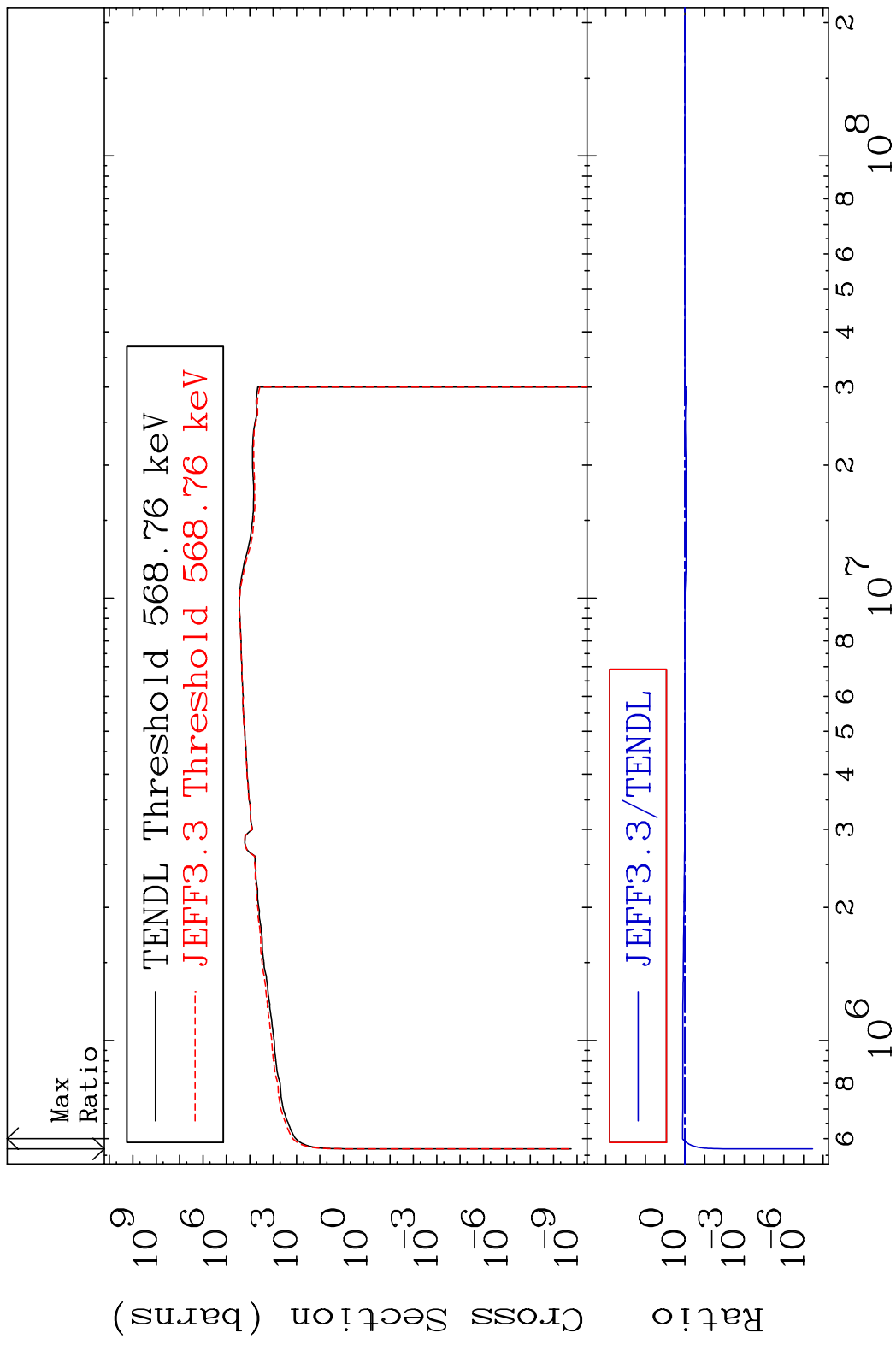
52-Te-122

MAT 5231 Kerma non-elastic (all but mt2) 52-Te-122
 Cross Section -99.12 To 6081. %

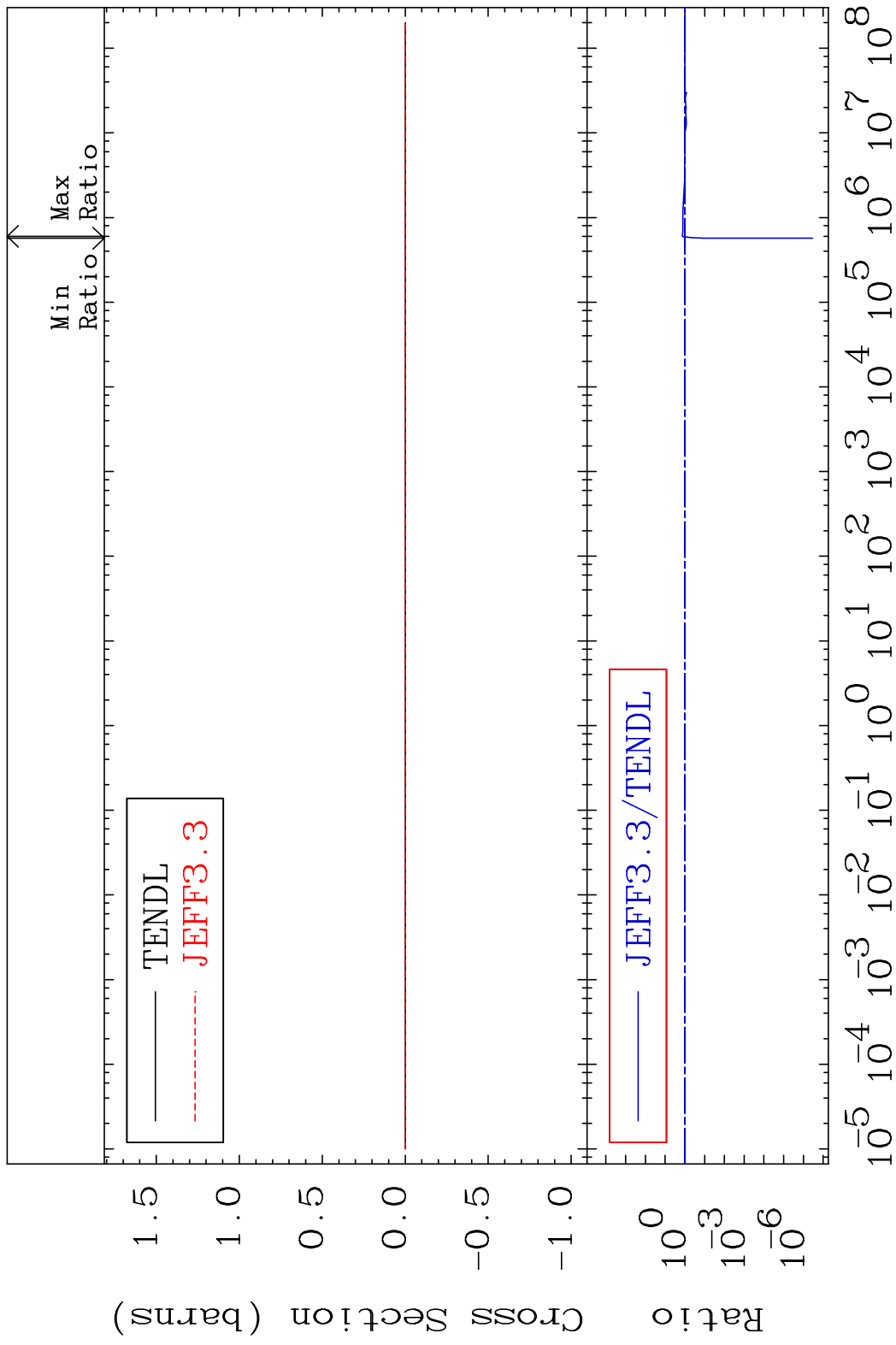


70 Incident Energy (eV) 52-Te-122

MAT 5231 Kerma inelastic (mt51-91) 52-Te-122
 Cross Section -100.0 To 34.03 %



MAT 5231 Kerma fission (mt18 or mt19-20-21-38) 52-Te-122
 Cross Section -100.0 To 34.03 %

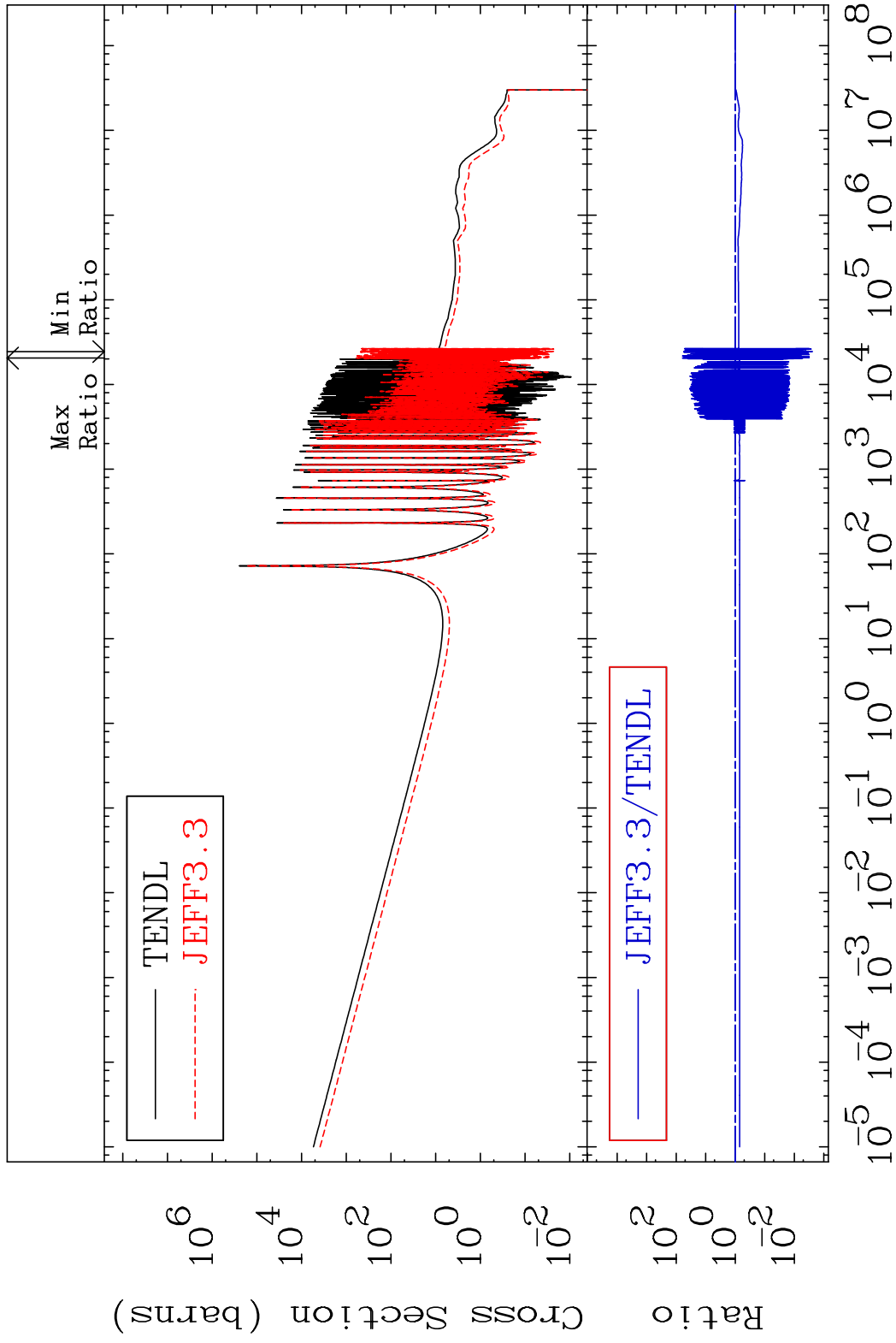


MAT 5231

Kerma capture (mt102)

52-Te-122

Cross Section -99.76 To 6081. %



73

Incident Energy (eV)

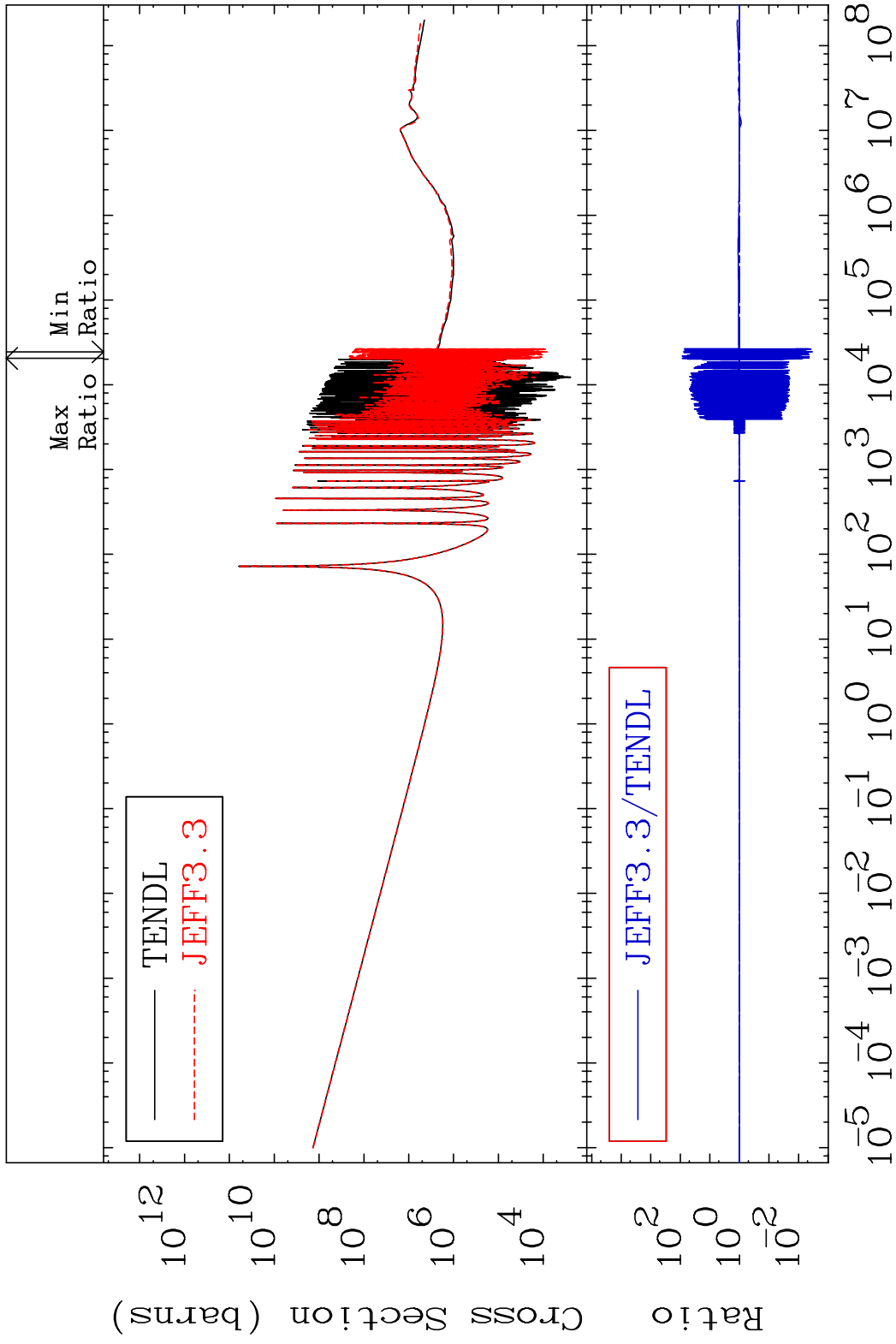
52-Te-122

MAT 5231

Total photon (eV-barns)

52-Te-122

Cross Section -99.66 To 8588. %

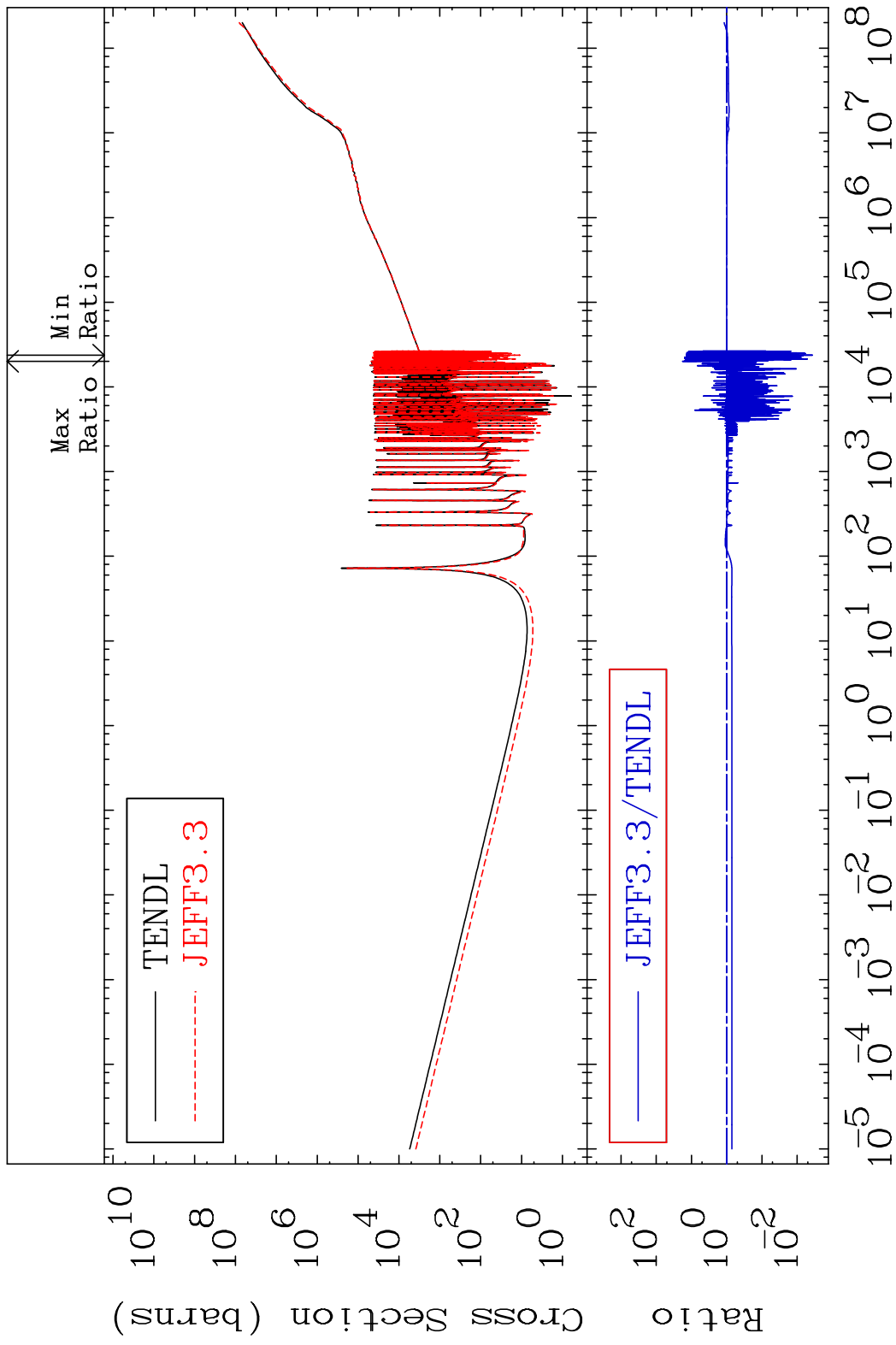


74

Incident Energy (eV)

52-Te-122

MAT 5231 Total kinematic kerma (high limit) 52-Te-122
Cross Section -99.63 To 1713. %



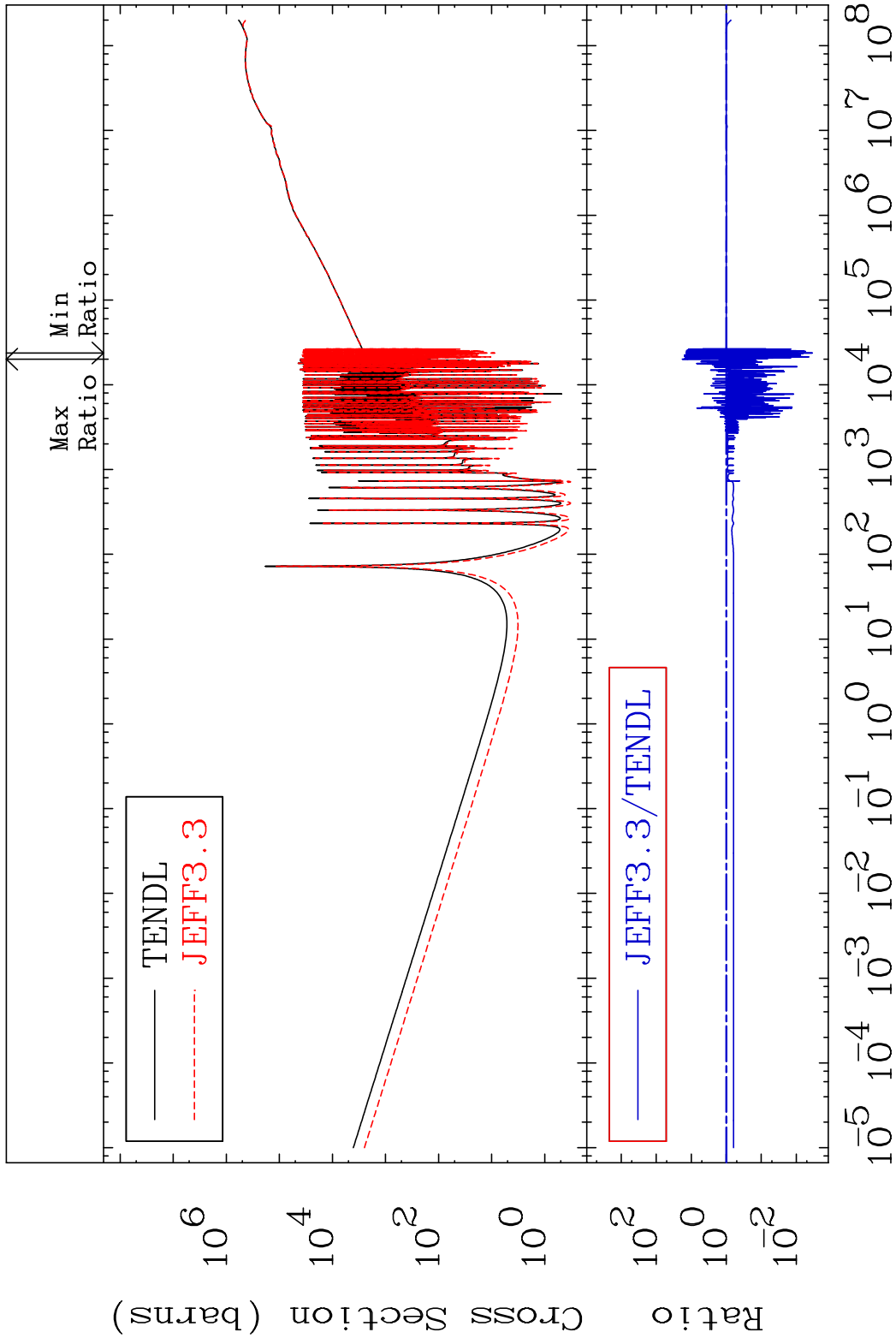
MAT 5231

Dpa total (eV-barns)

52-Te-122

Cross Section

-99.66 To 1714. %



76

Incident Energy (eV)

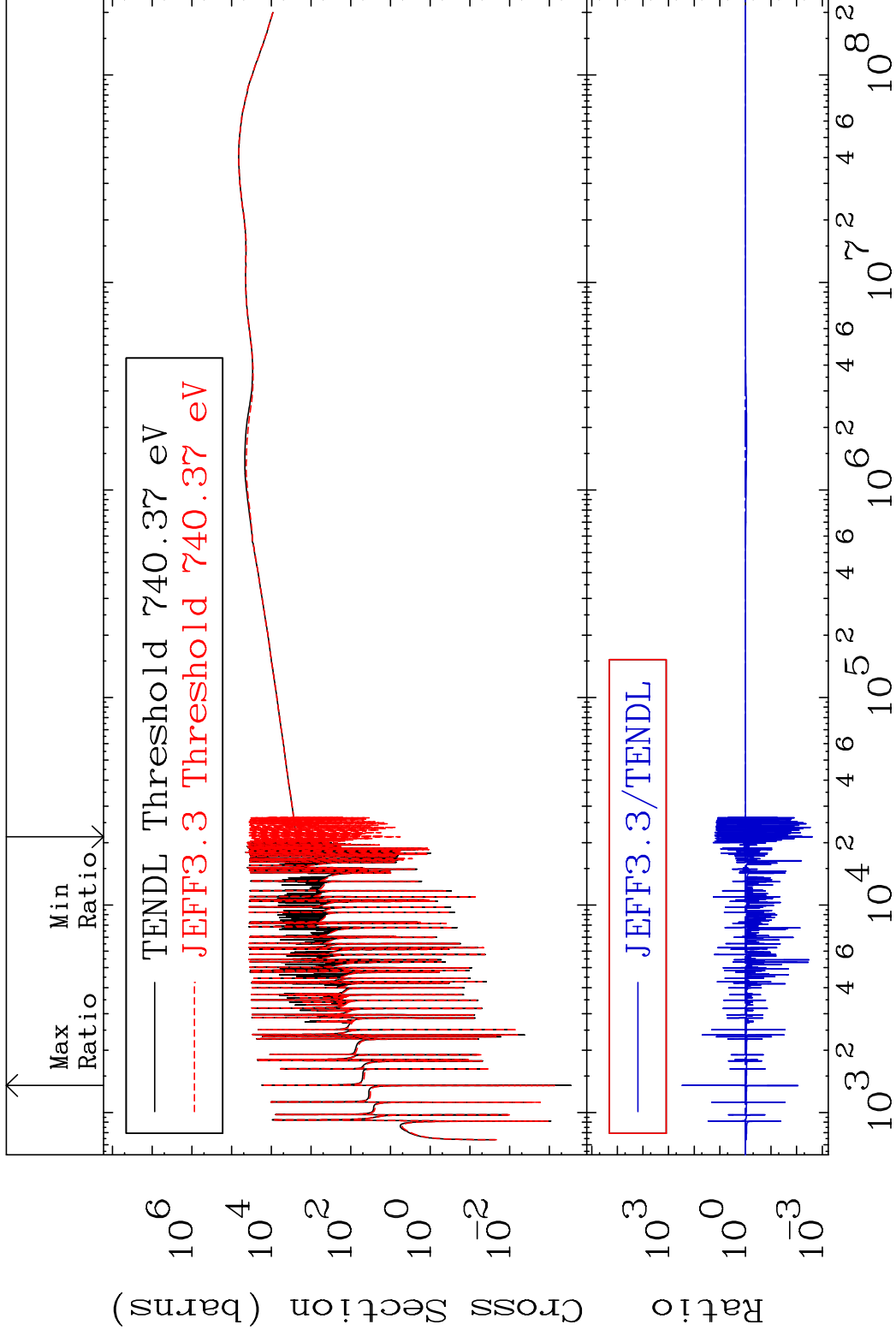
52-Te-122

MAT 5231

Dpa elastic (mt2)

52-Te-122

Cross Section -99.76 To 9999. %

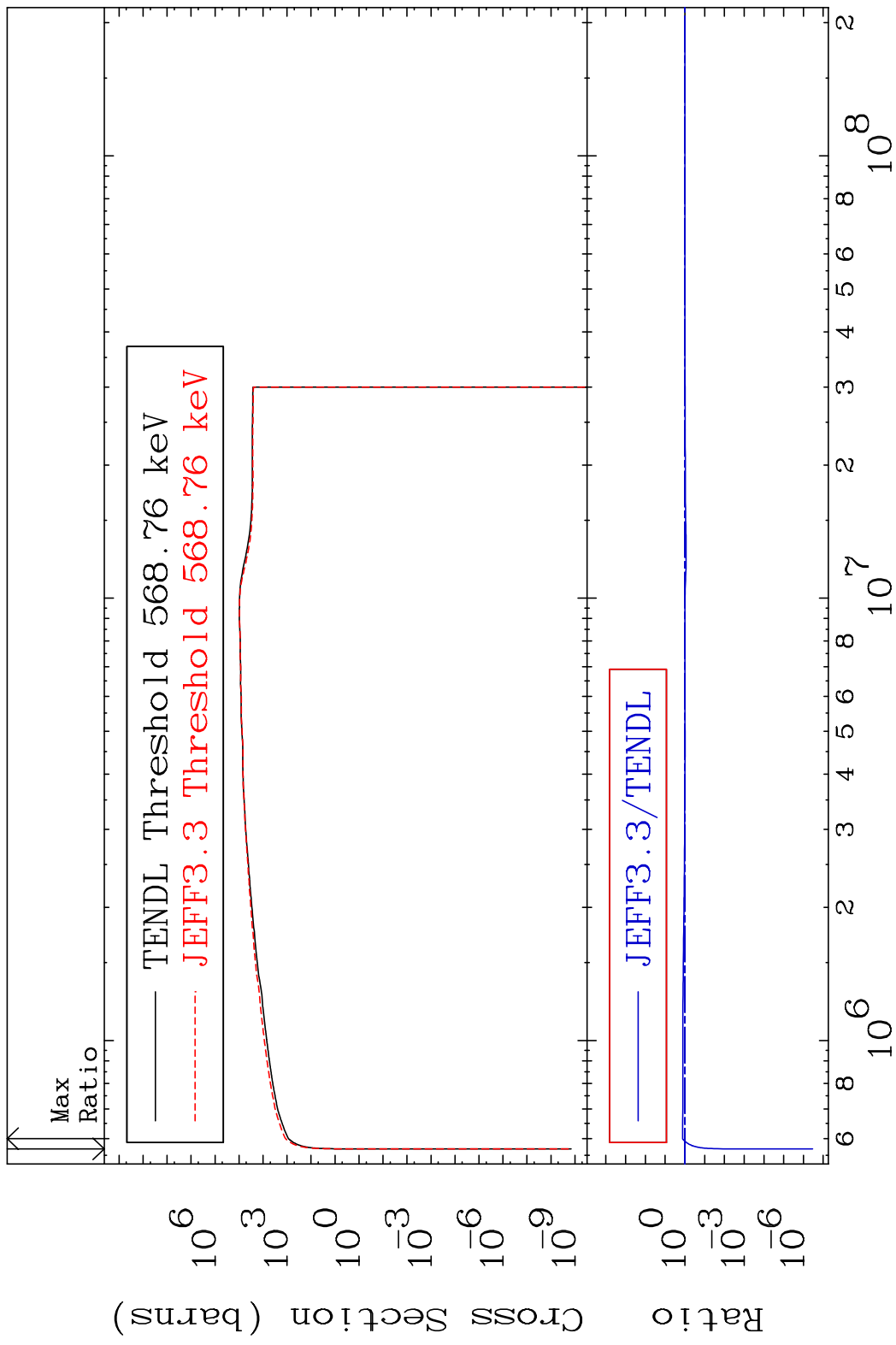


77

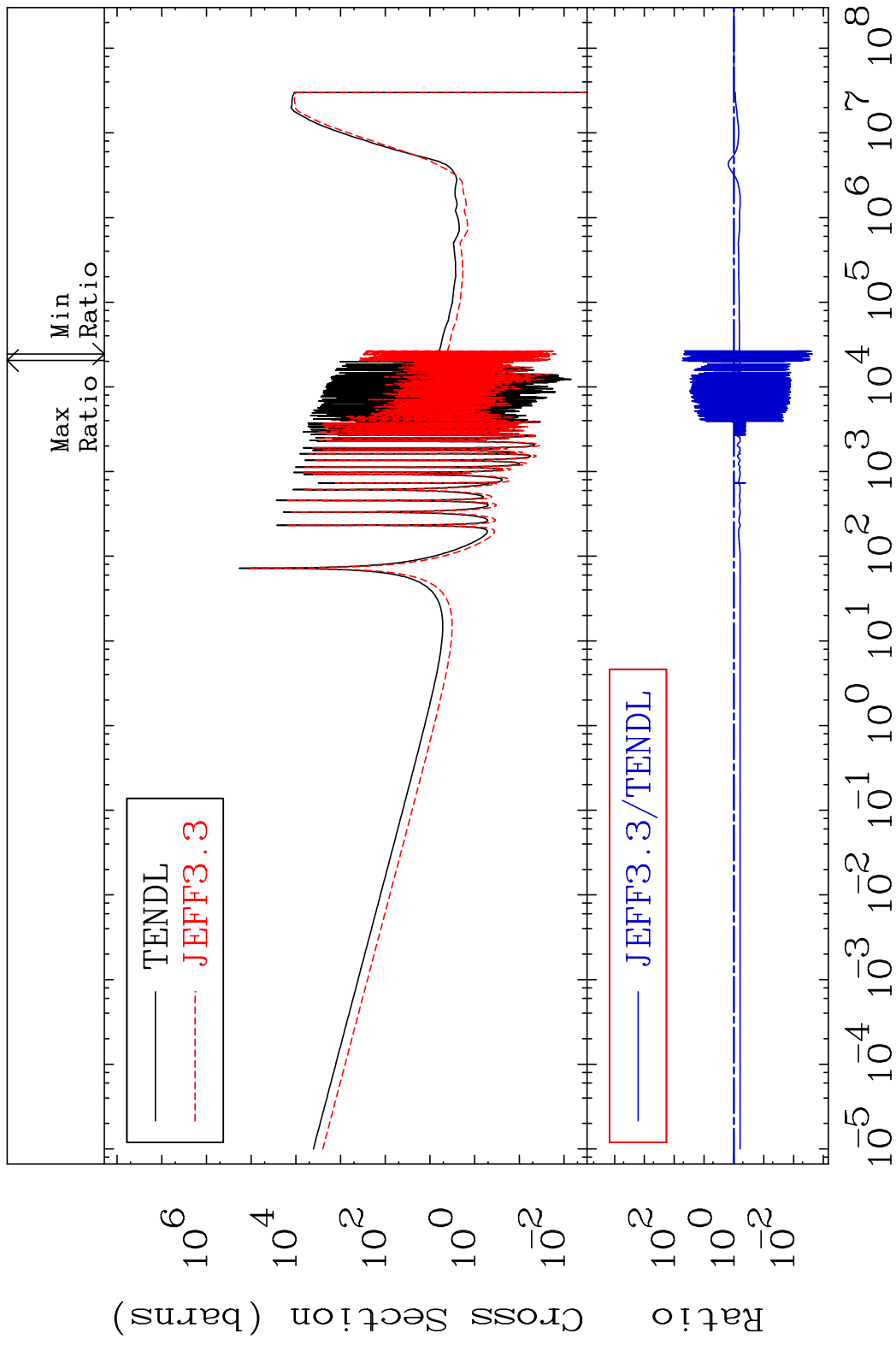
Incident Energy (eV)

52-Te-122

MAT 5231 Dpa inelastic (mt51-91) 52-Te-122
 Cross Section -100.0 To 34.03 %

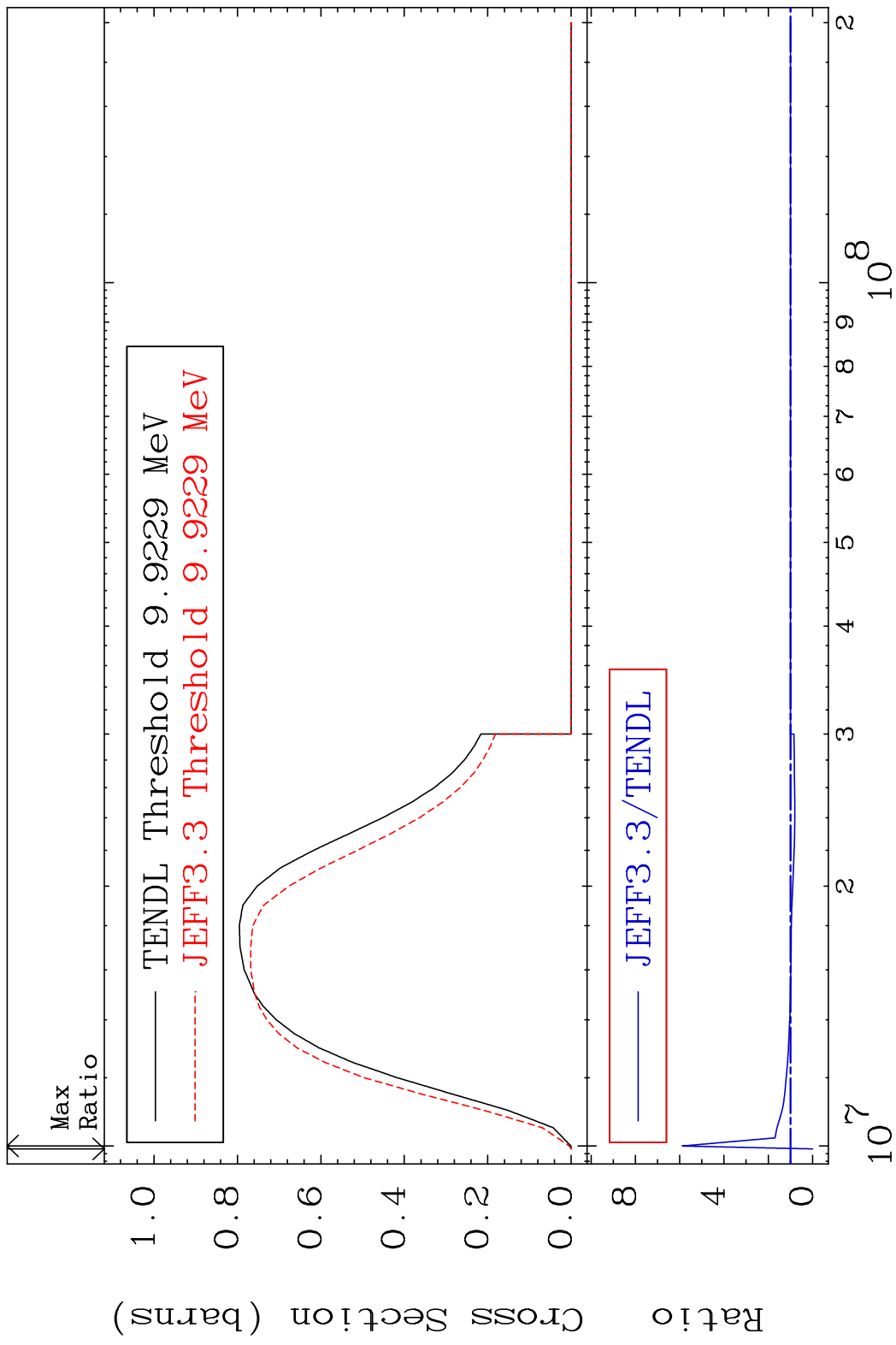


MAT 5231 Dpa disappearance (mt102 -120) 52-Te-122
 Cross Section -99.77 To 5244. %



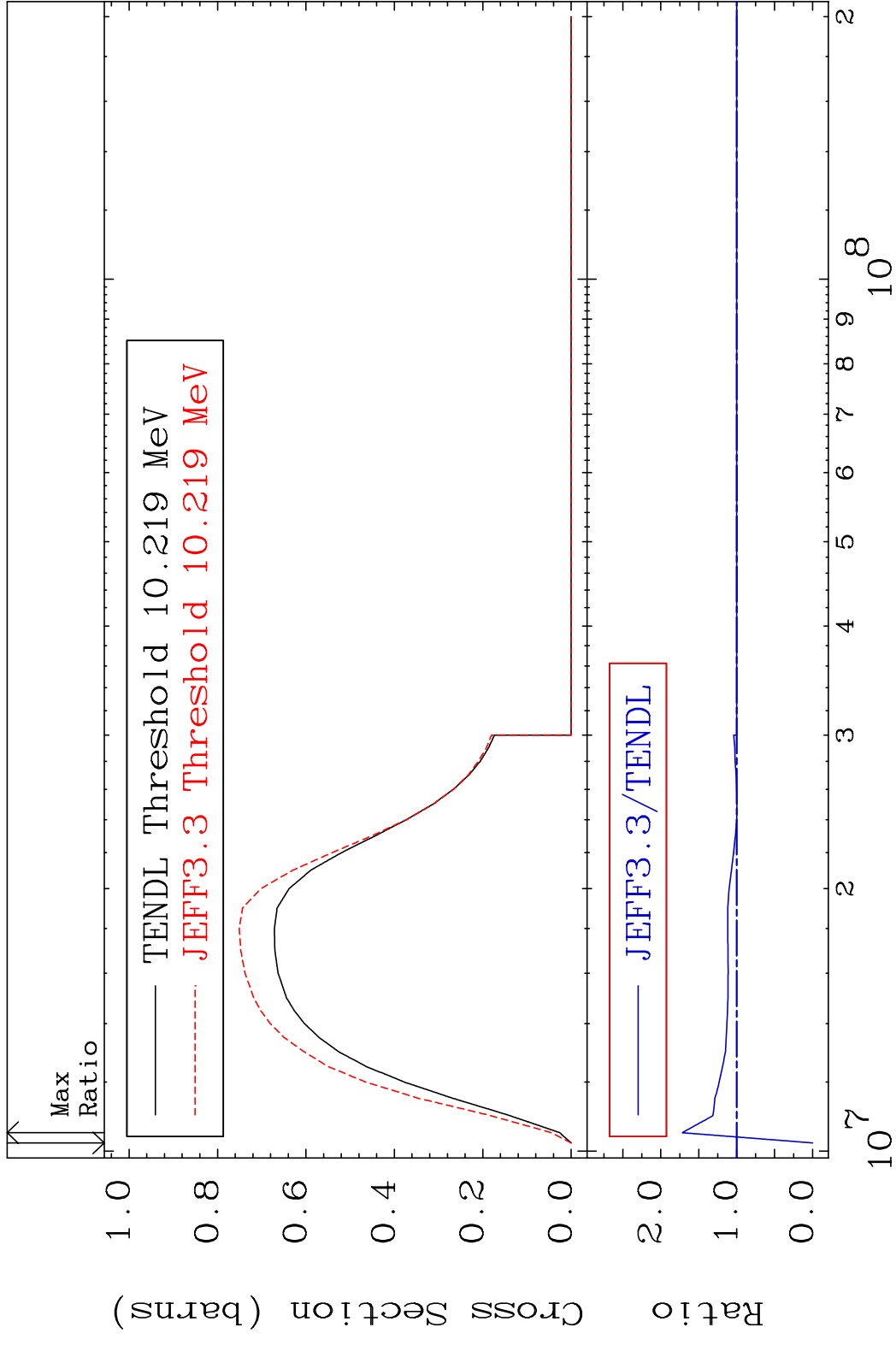
79 Incident Energy (eV) 52-Te-122

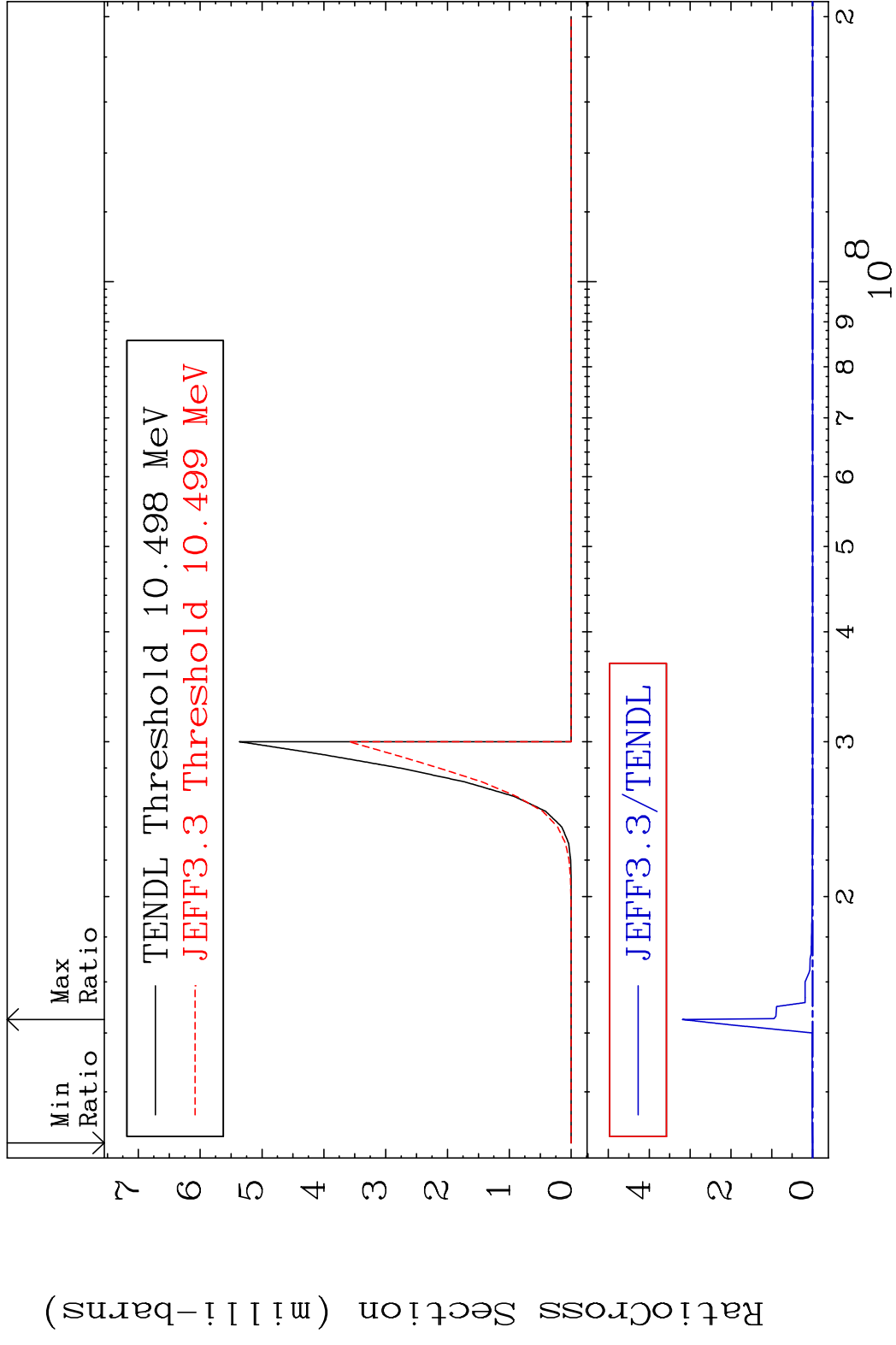
MAT 5231 (n,2n):52-Te-121g 52-Te-122
 Radionuclide Production Cross Section 180.0 dth 488.0 %



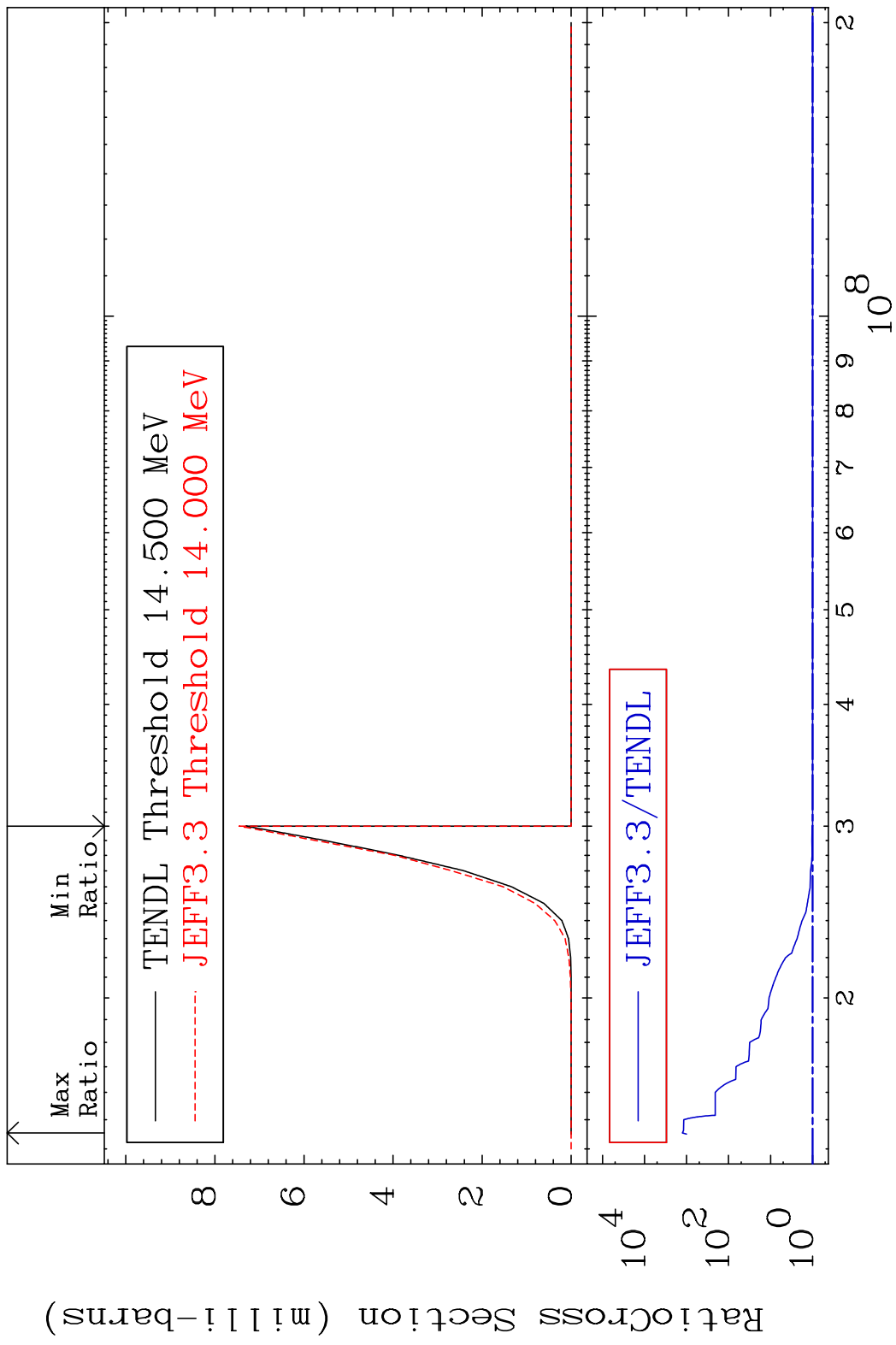
80 Incident Energy (eV) 52-Te-122

MAT 5231 (n,2n):52-Te-121m2 52-Te-122
 Radionuclide Production Cross Section 180.01 dth 71.62 %

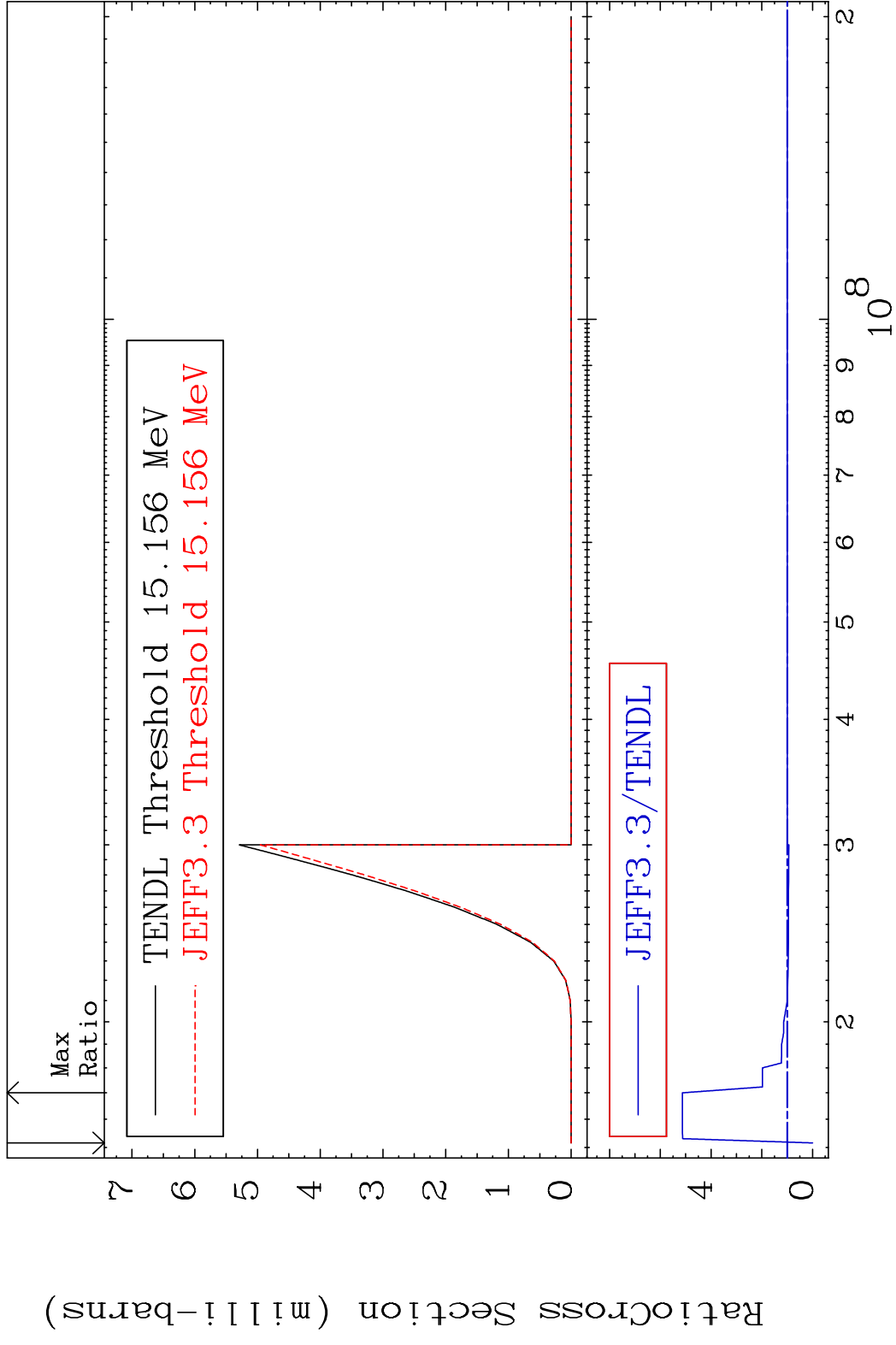


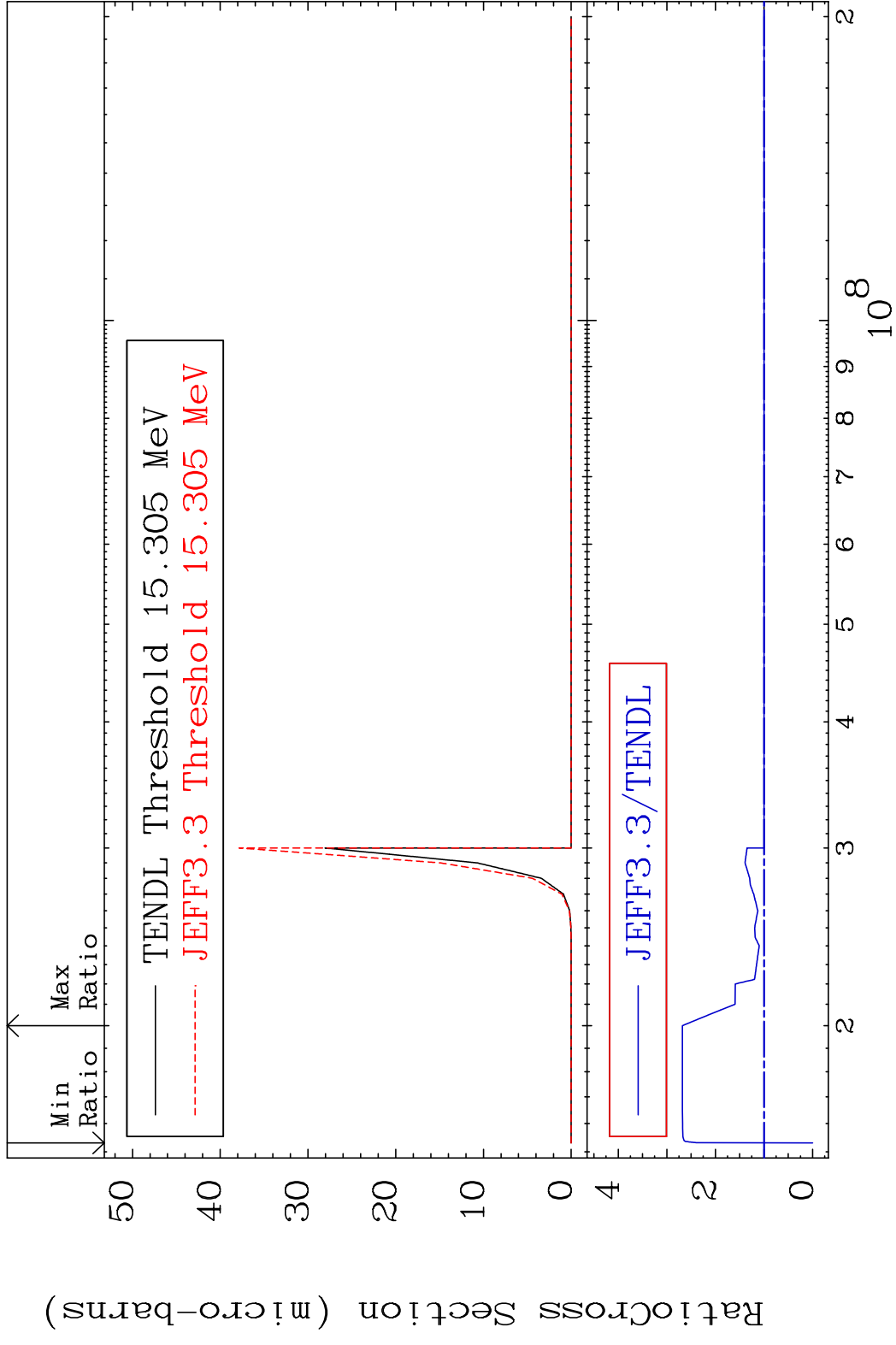


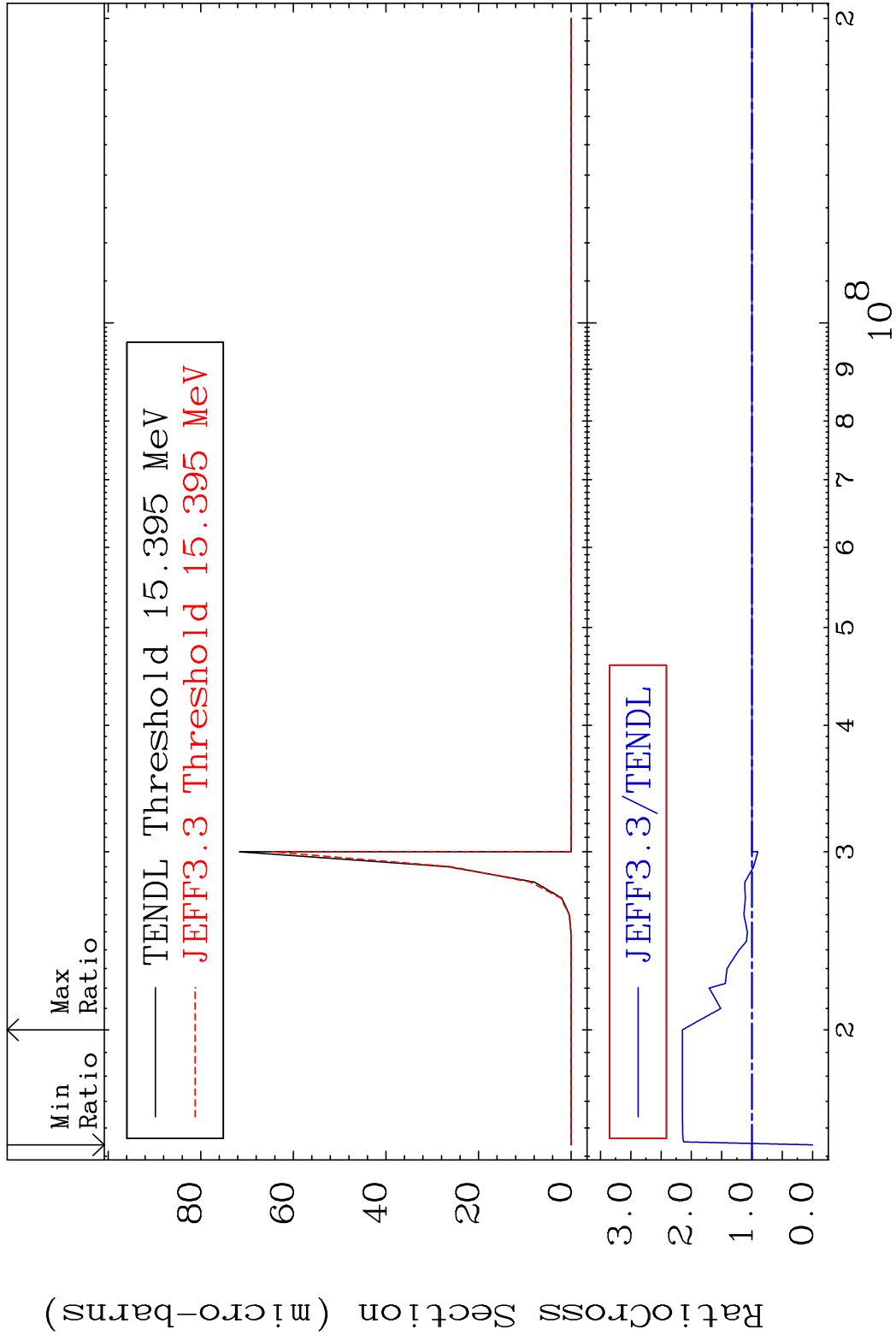
MAT 5231 (n,2n) α :50-Sn-117m2 52-Te-122
 Radionuclide Production Cross Section 9999. %



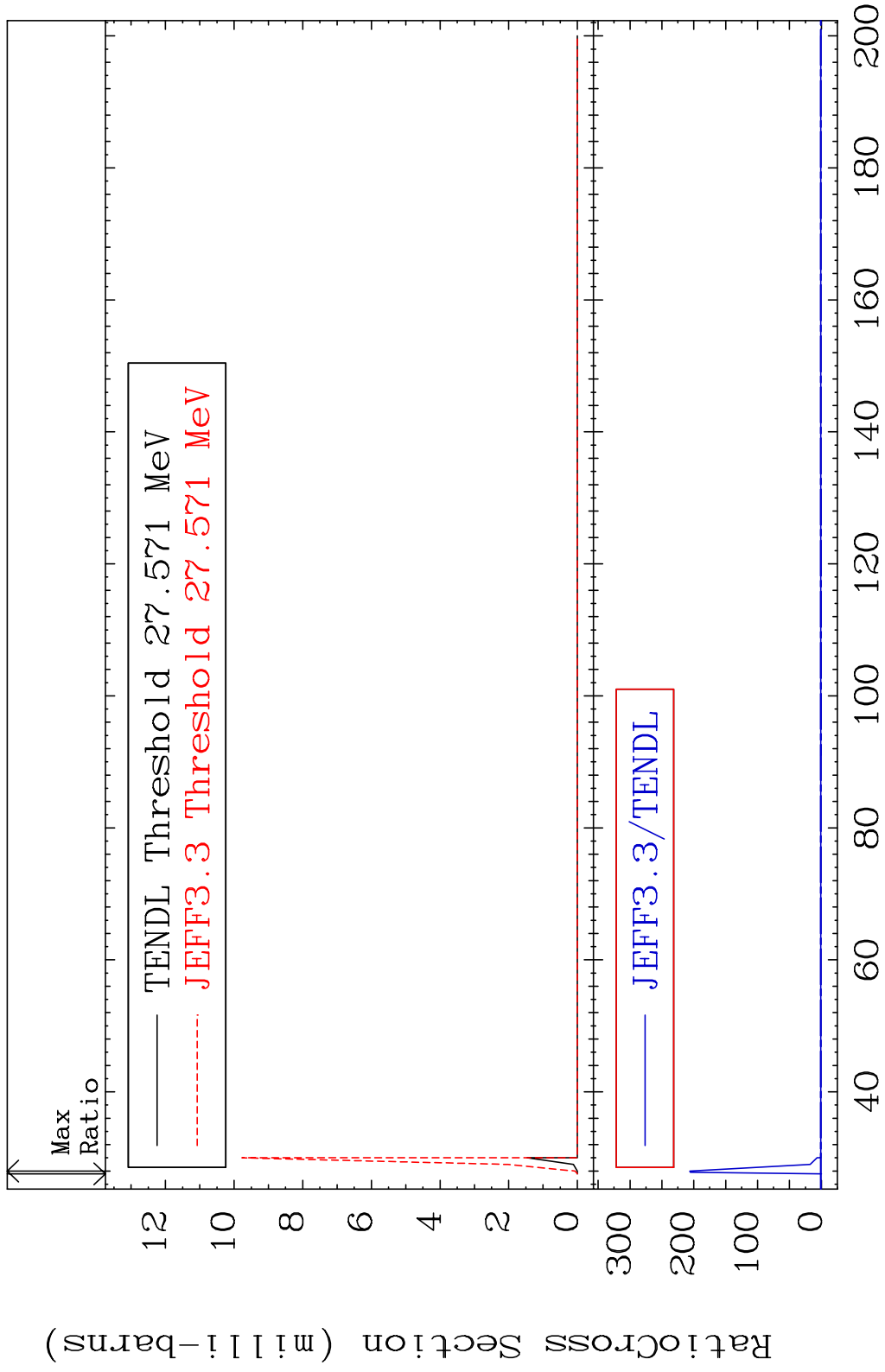
MAT 5231 (n, n') d:51-Sb-120g 52-Te-122
 Radionuclide Production Cross Section 1800 d to 413.1 %



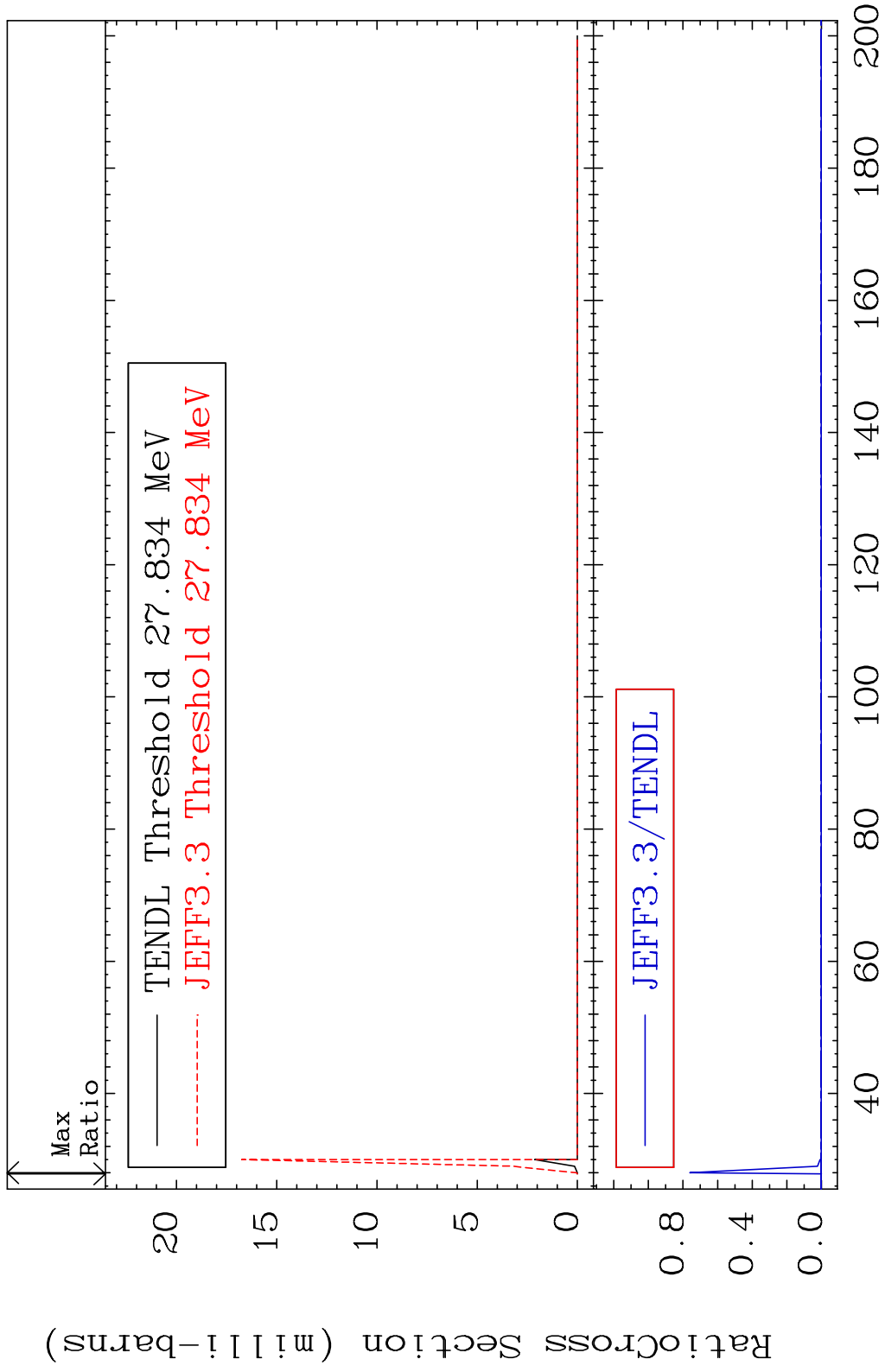




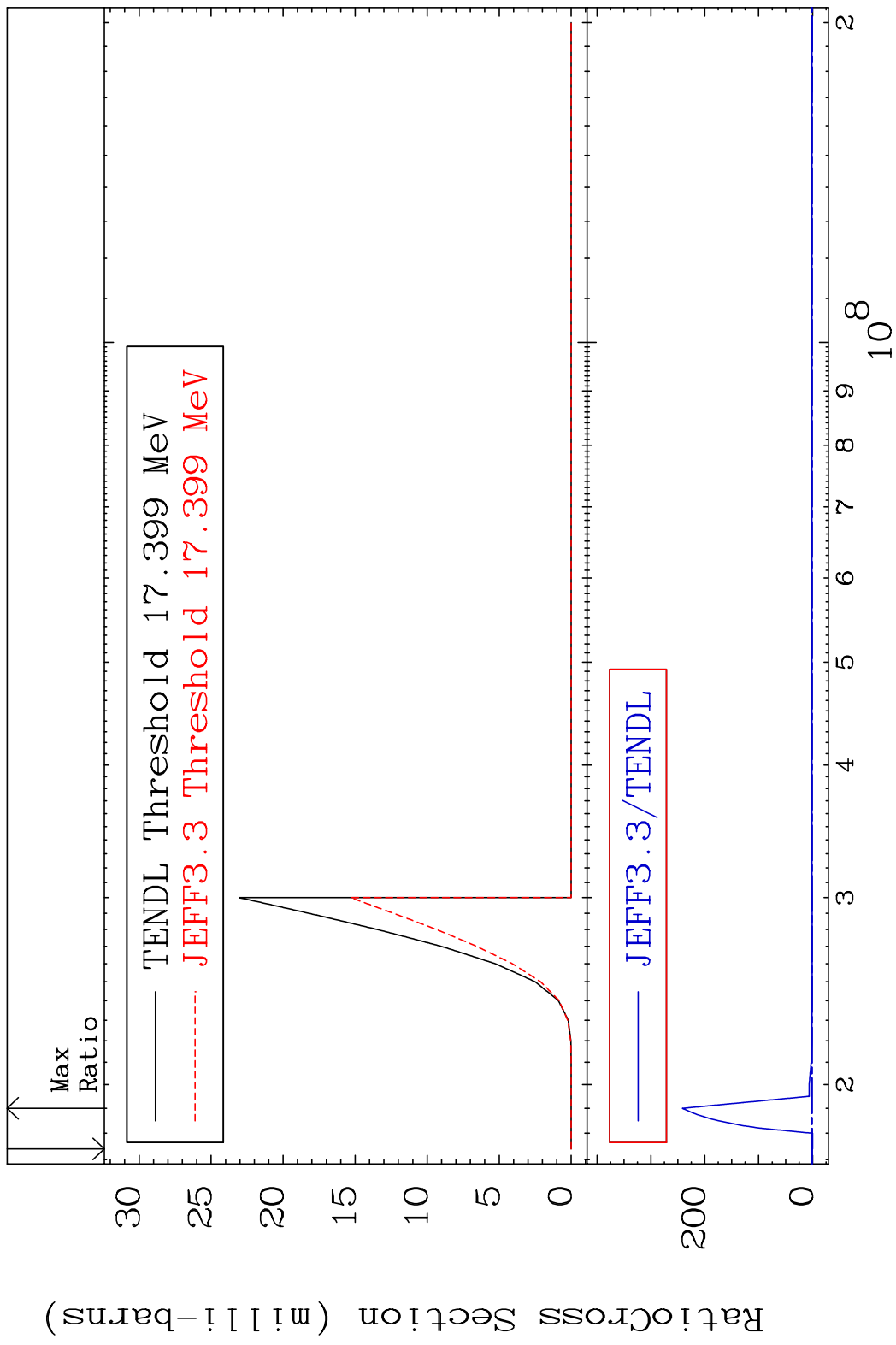
MAT 5231 (n,4n):52-Te-119g 52-Te-122
 Radionuclide Production Cross Section Ratio 9999. %

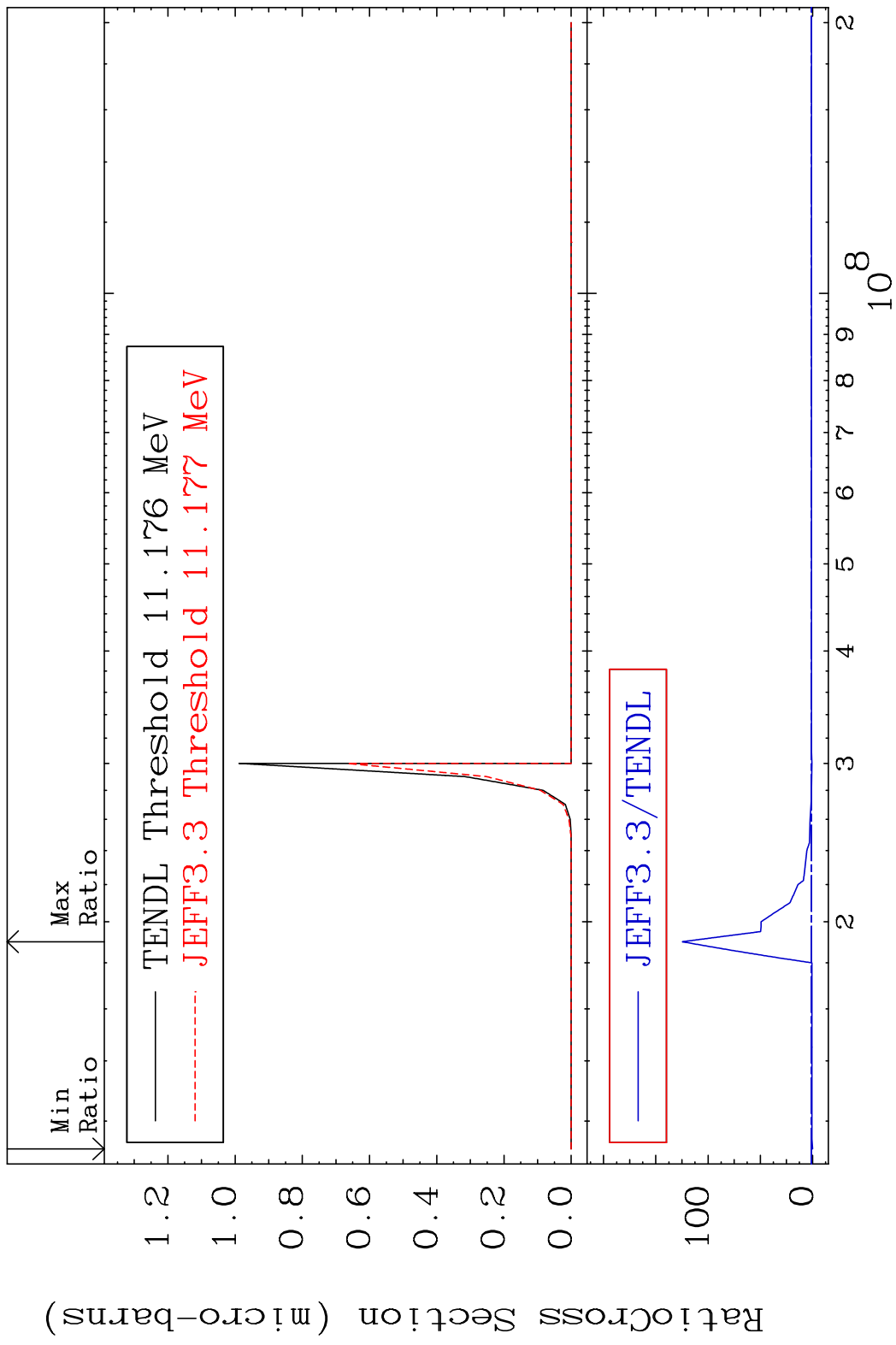


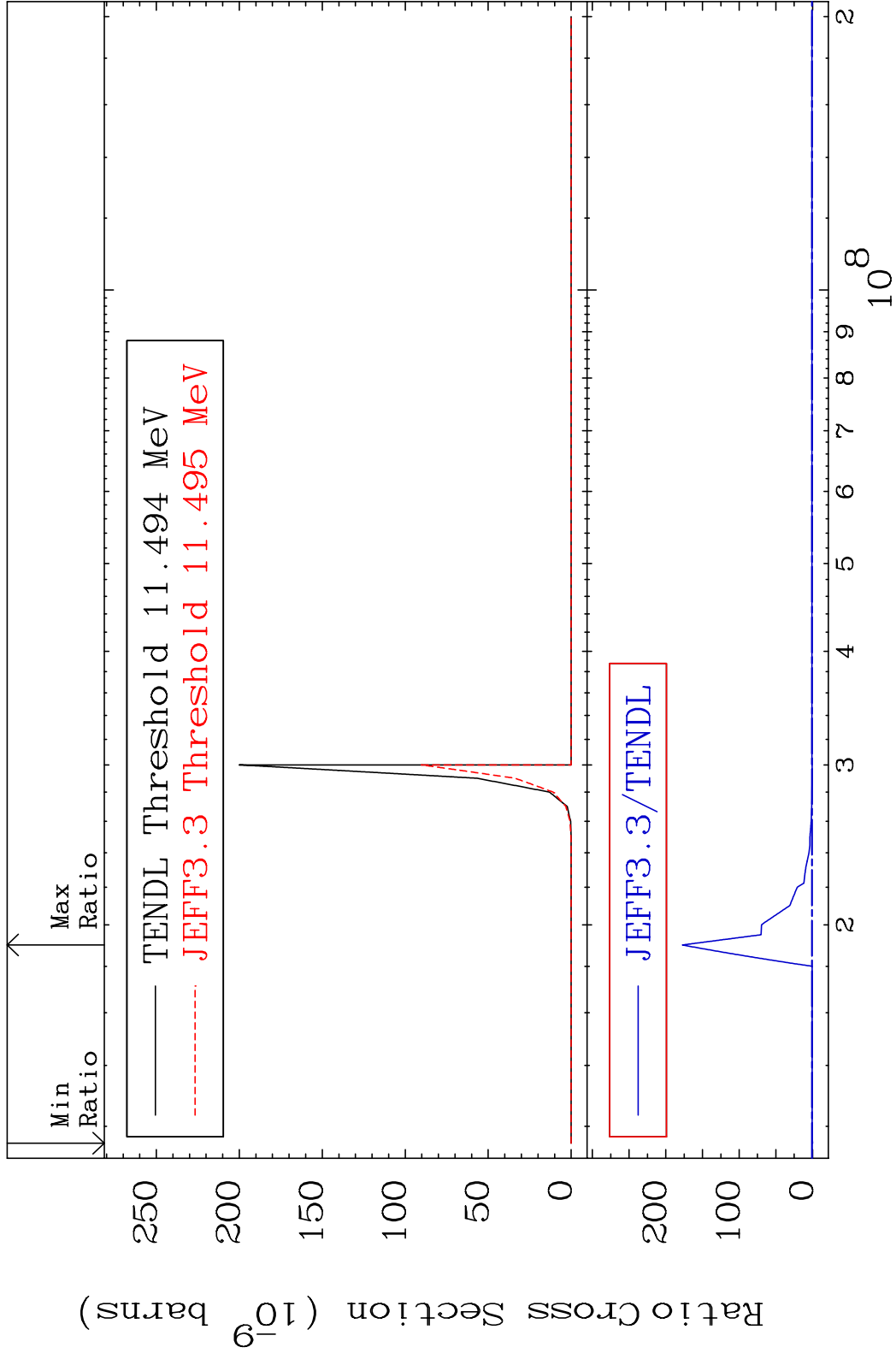
MAT 5231 (n, 4n):52-Te-119m2 52-Te-122
 Radionuclide Production Cross Section Ratio



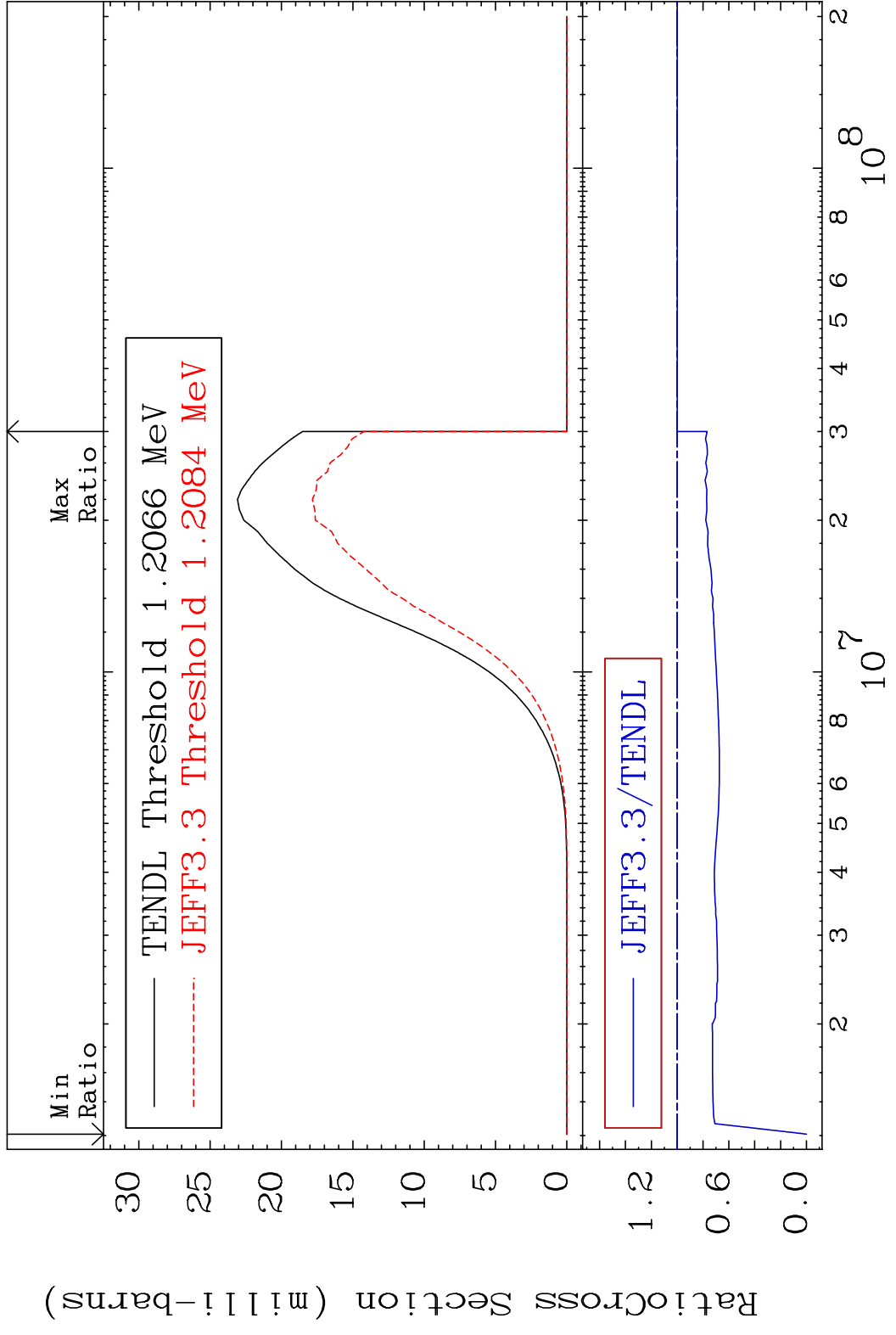
MAT 5231 (n,2n) p:51-Sb-120g 52-Te-122
 Radionuclide Production Cross Section Ratio 9999. %



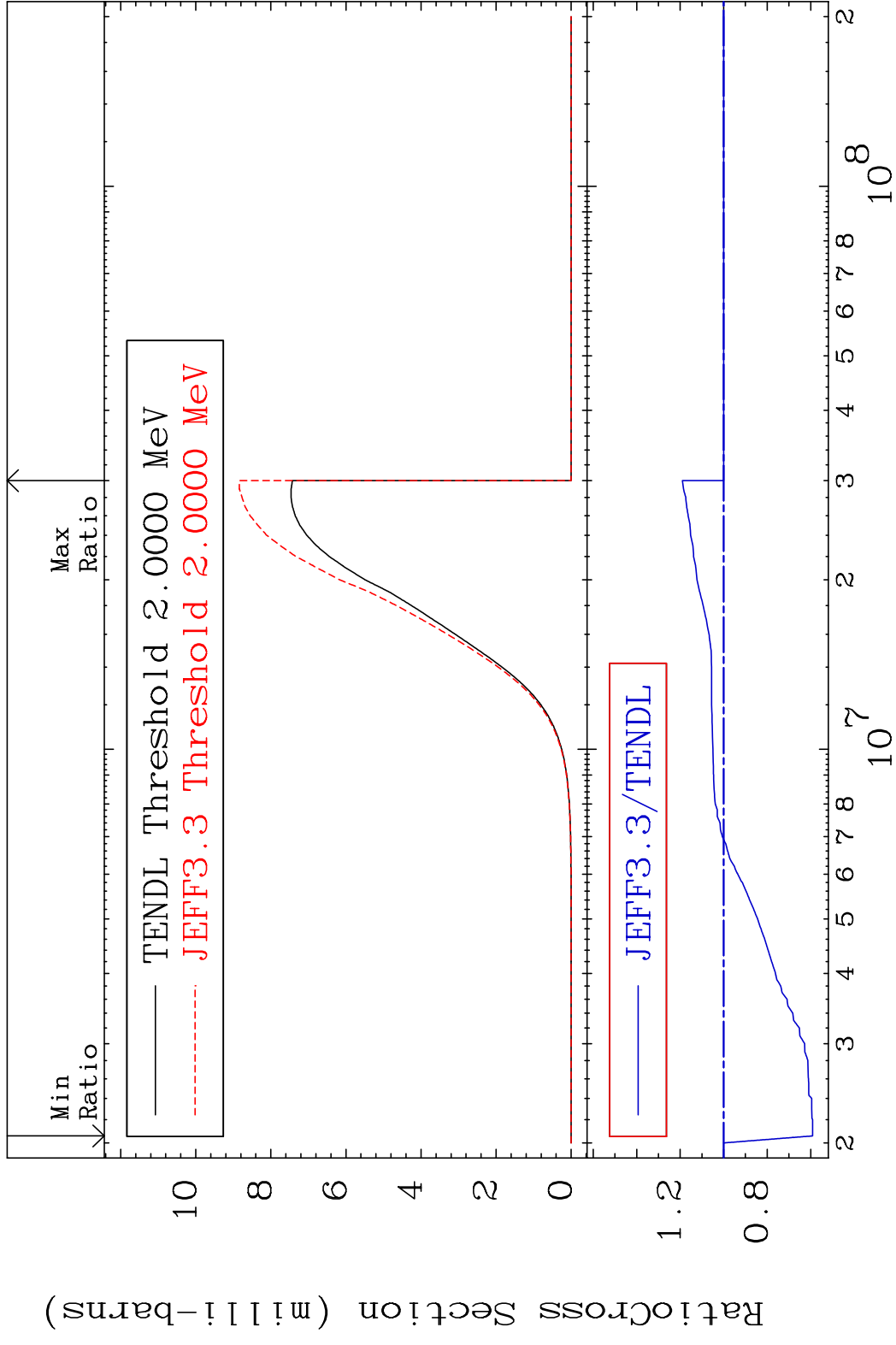




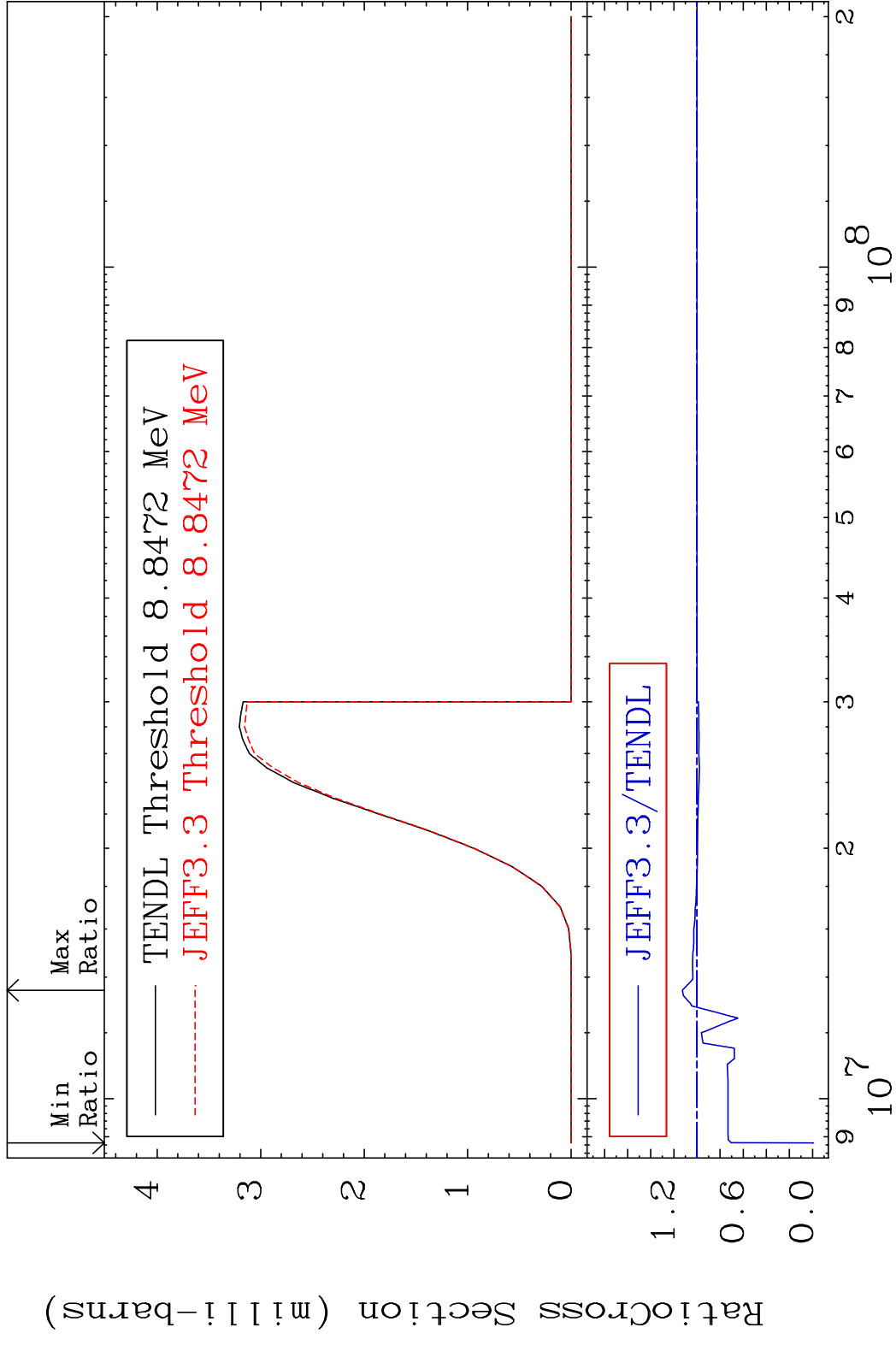
MAT 5231 (n,p):51-Sb-122g 52-Te-122
 Radionuclide Production Cross Section 180.01 dth 0.000 %

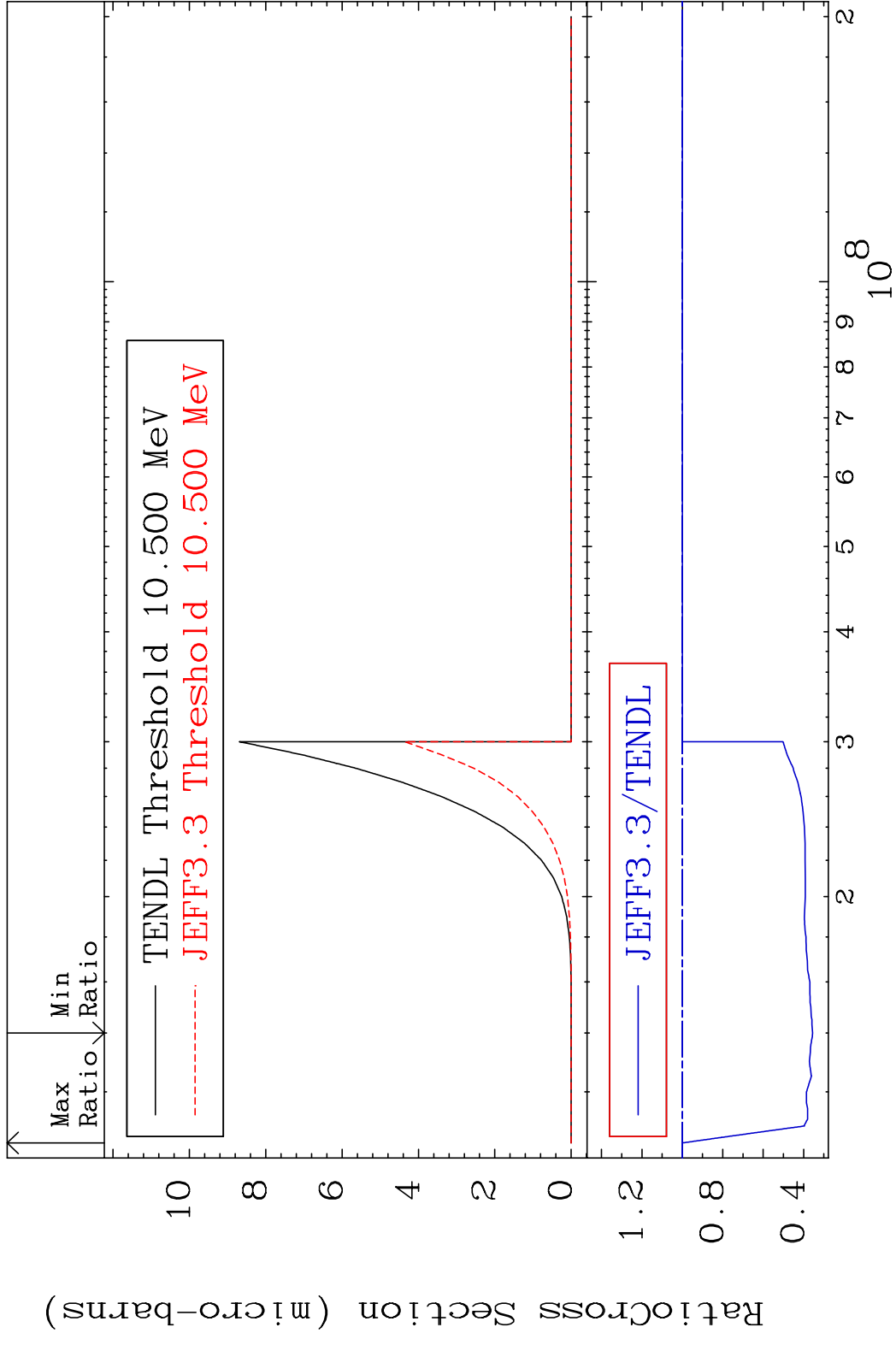


MAT 5231 (n, p):51-Sb-122m5 52-Te-122
 Radionuclide Production Cross Section 19.00 %

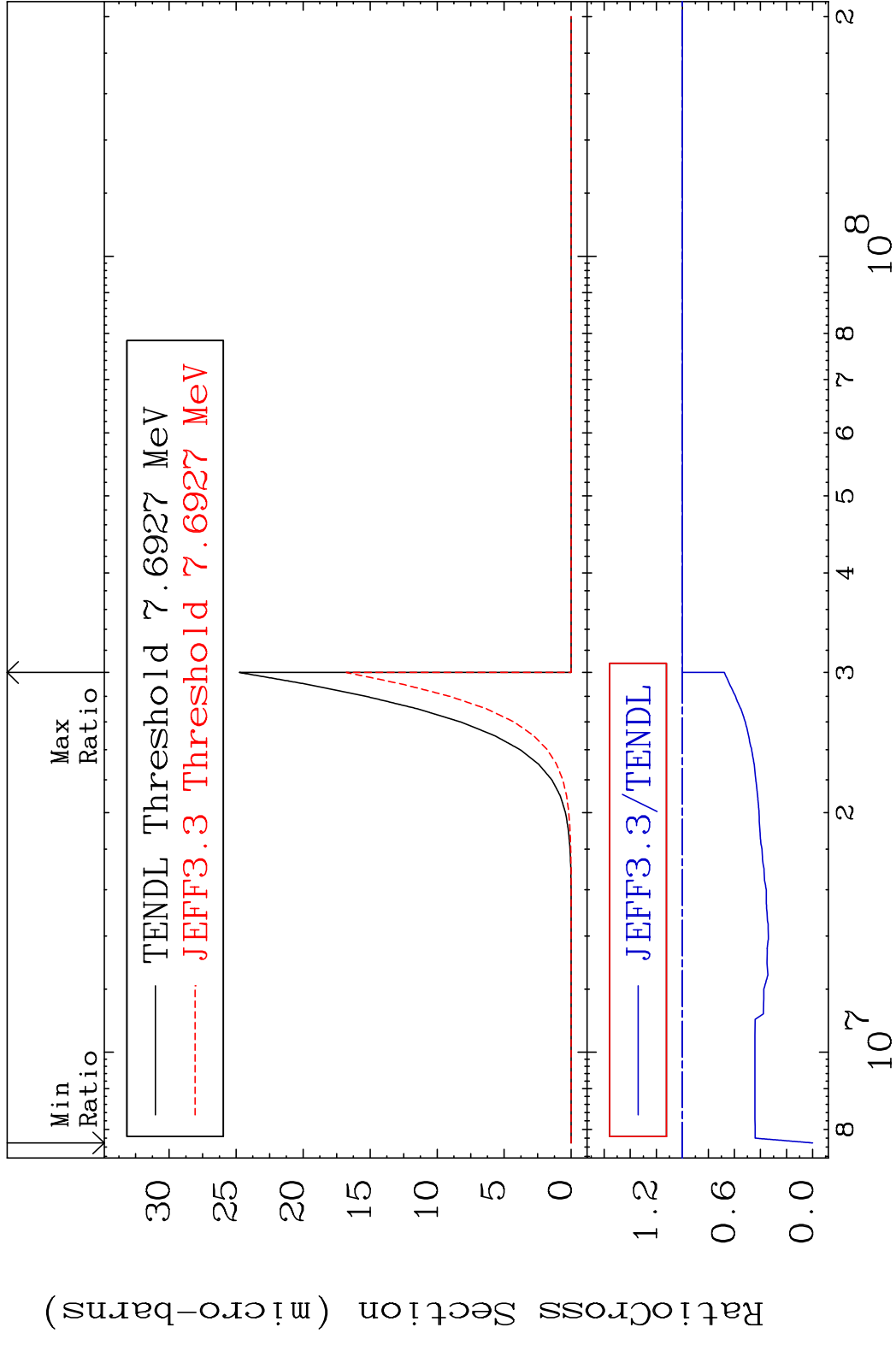


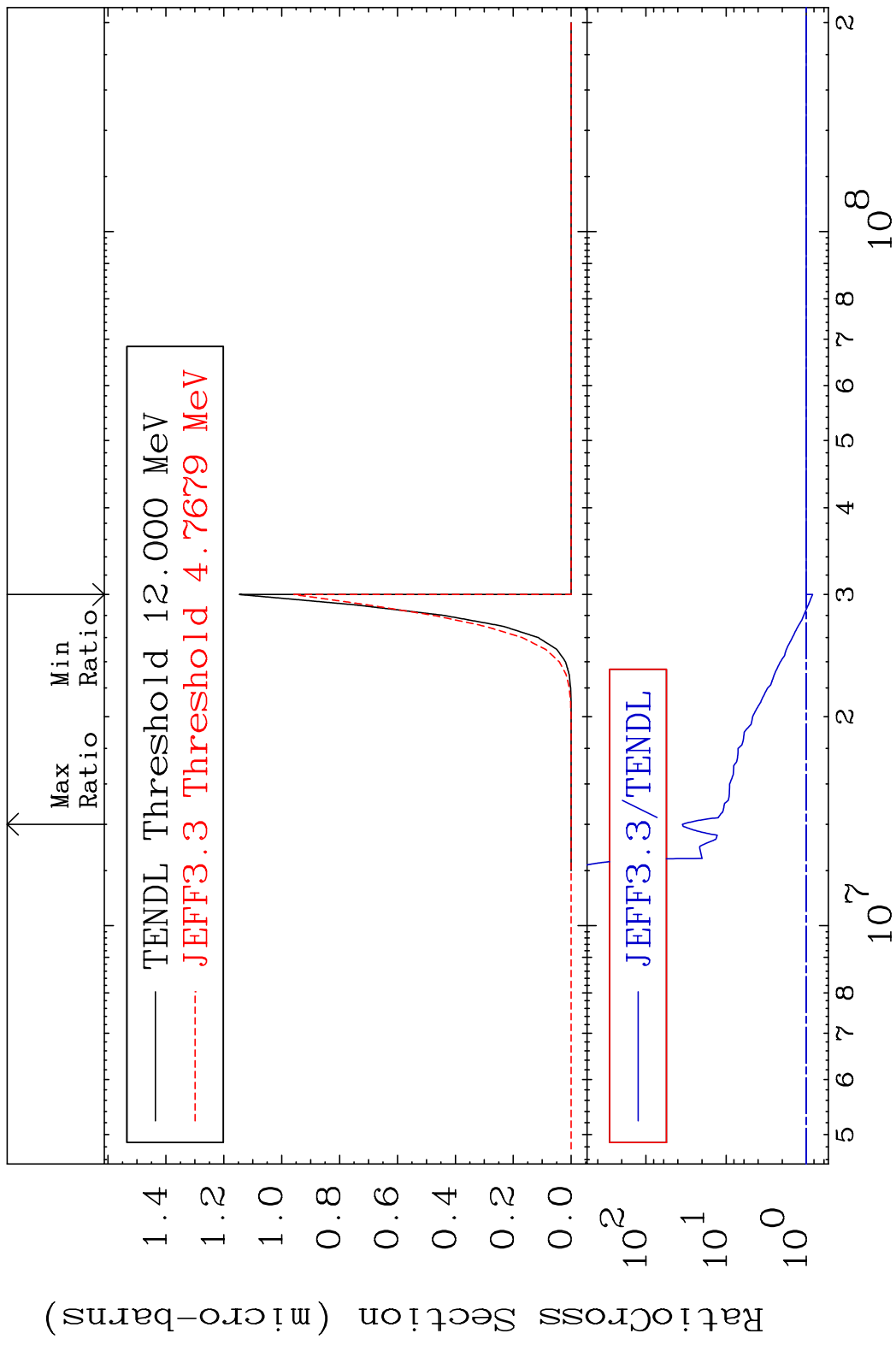
MAT 5231 (n, t):51-Sb-120g 52-Te-122
 Radionuclide Production Cross Section 180.01 dth 12.69 %



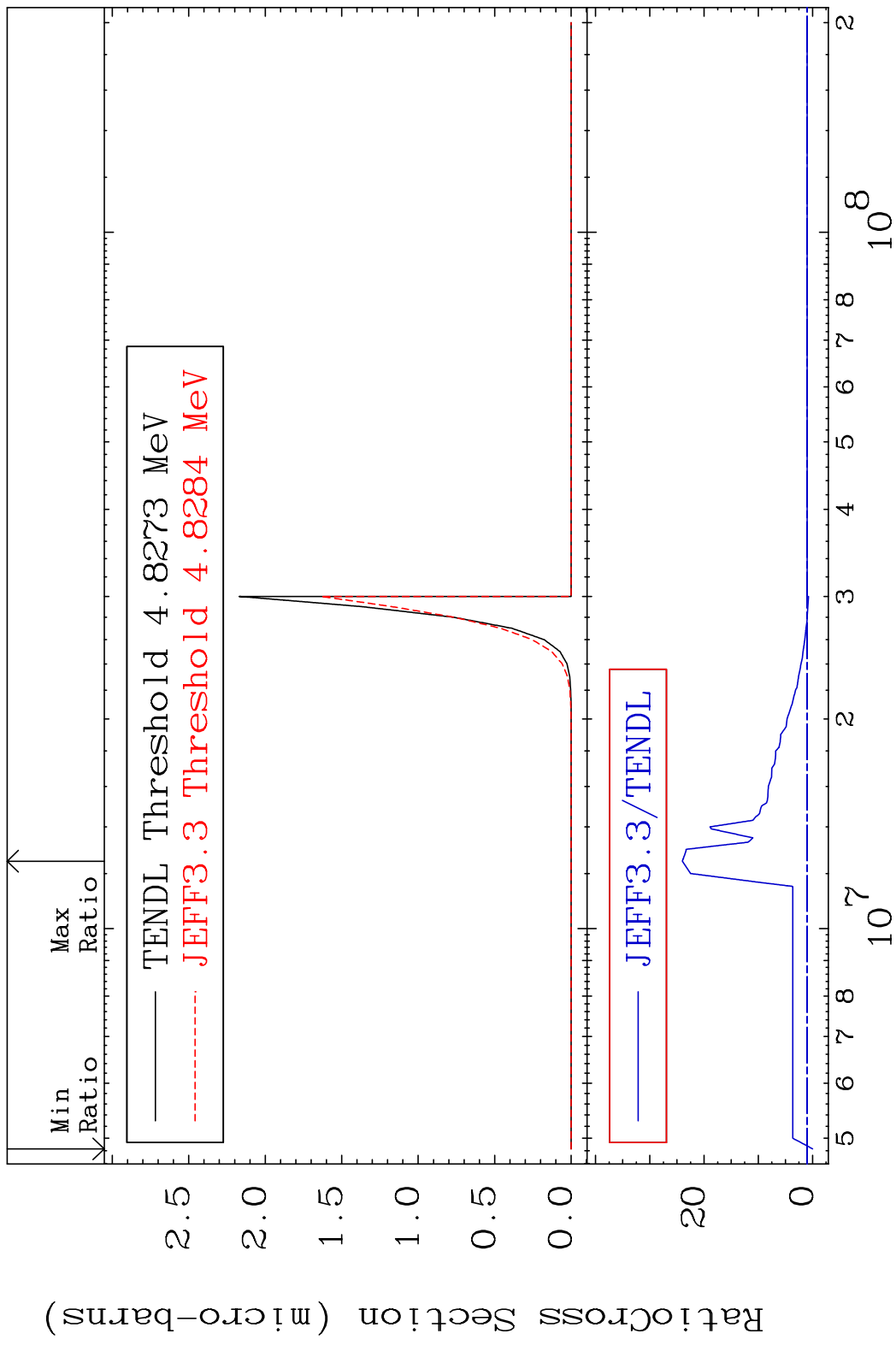


MAT 5231 (n, 2p):50-Sn-121m1 52-Te-122
 Radionuclide Production Cross Section 180.01 dth 0.000 %

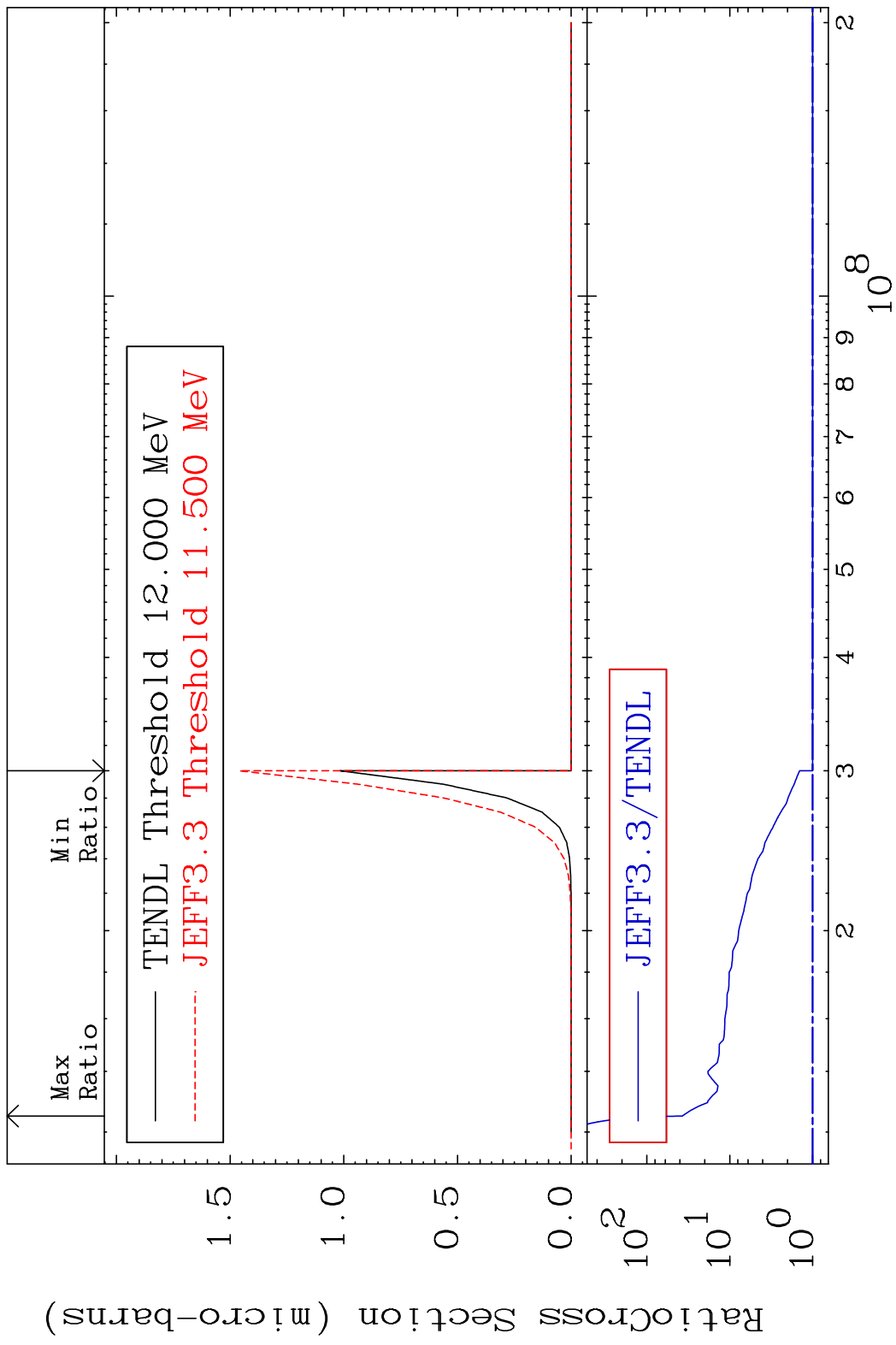




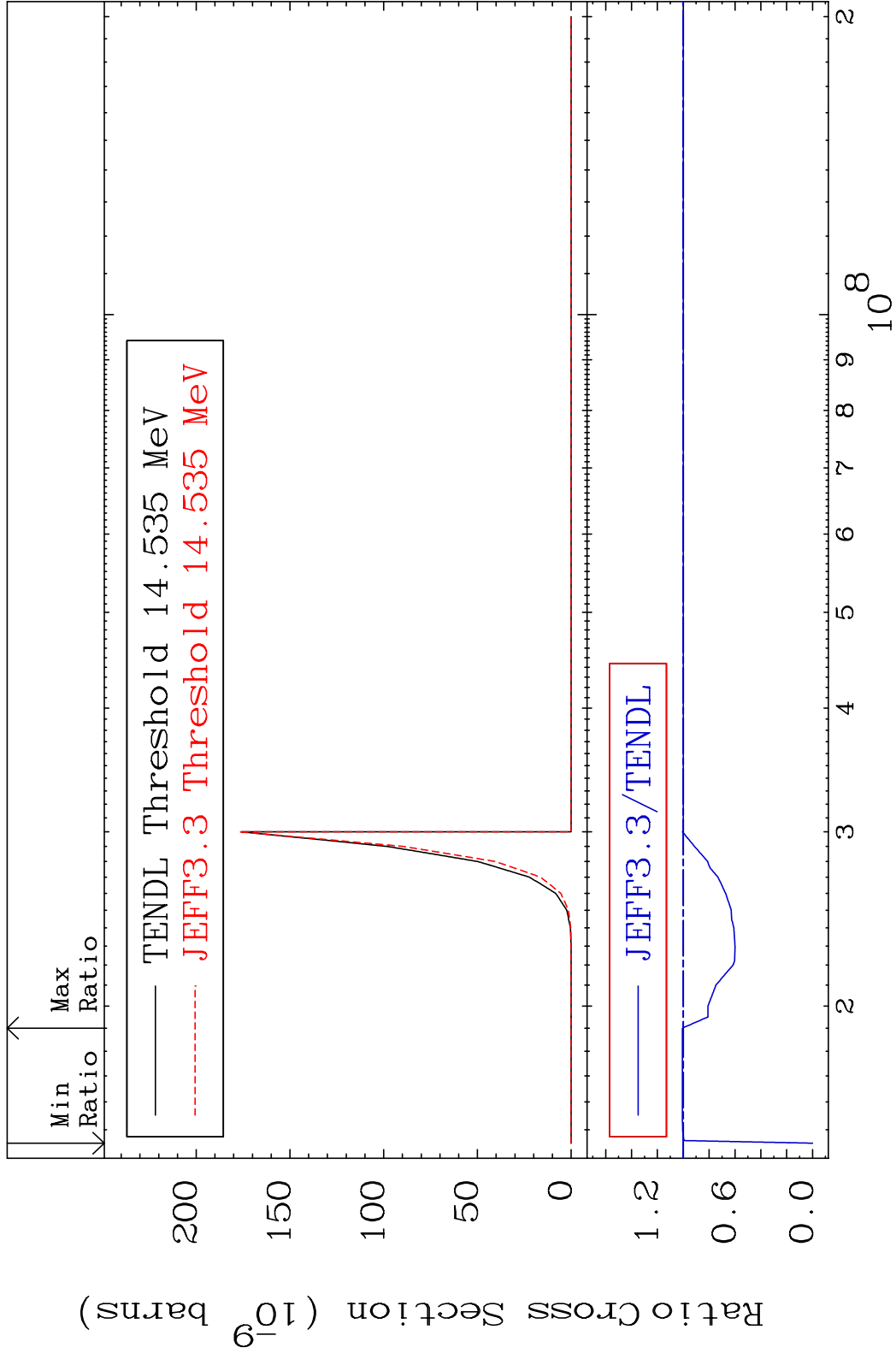
MAT 5231 (n, p) α :49-In-118m1 52-Te-122
 Radionuclide Production Cross Section Ratio 2300. %



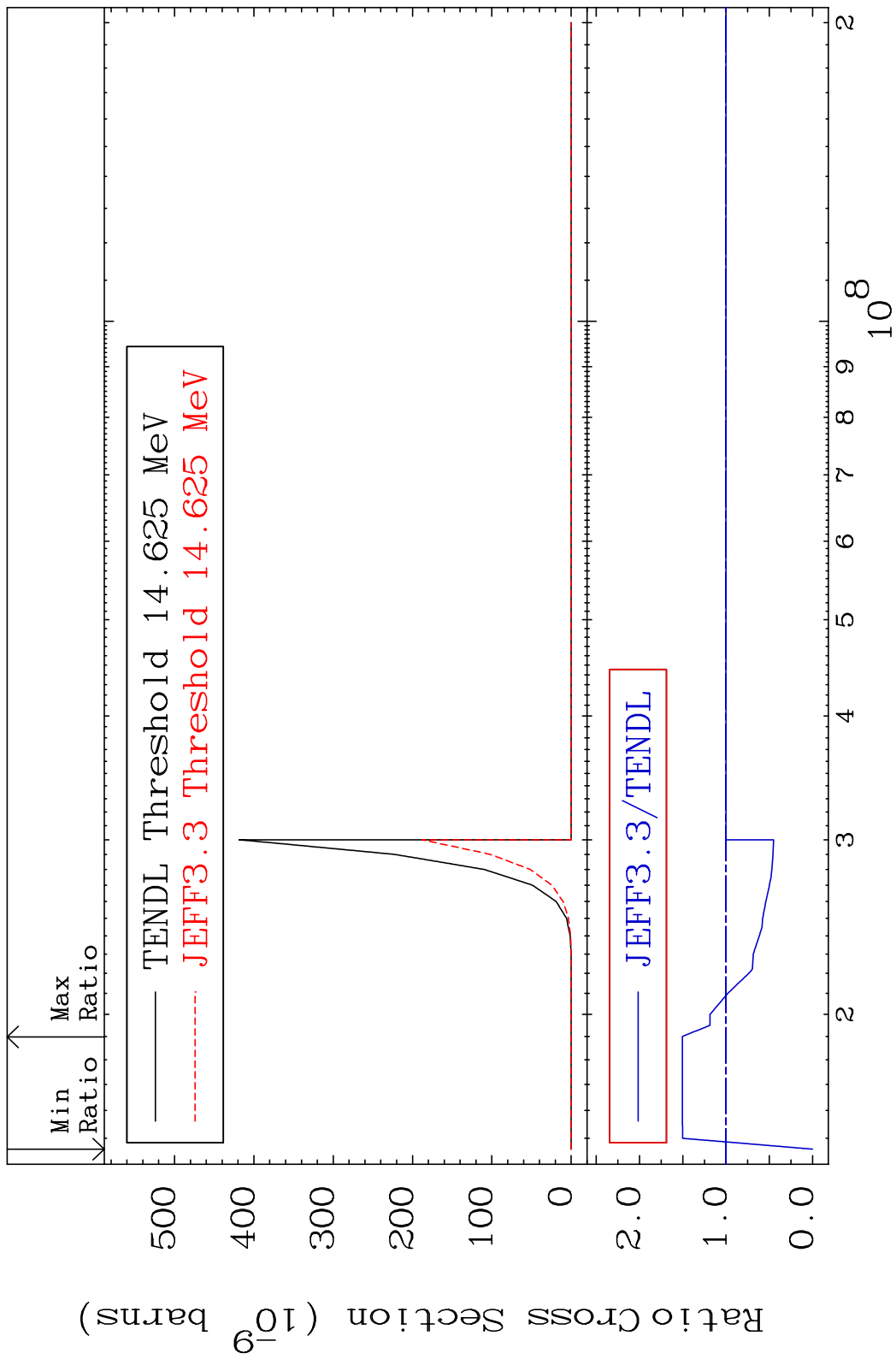
MAT 5231 (n, p) α :49-In-118m3 52-Te-122
 Radionuclide Production Cross Section 3632. %



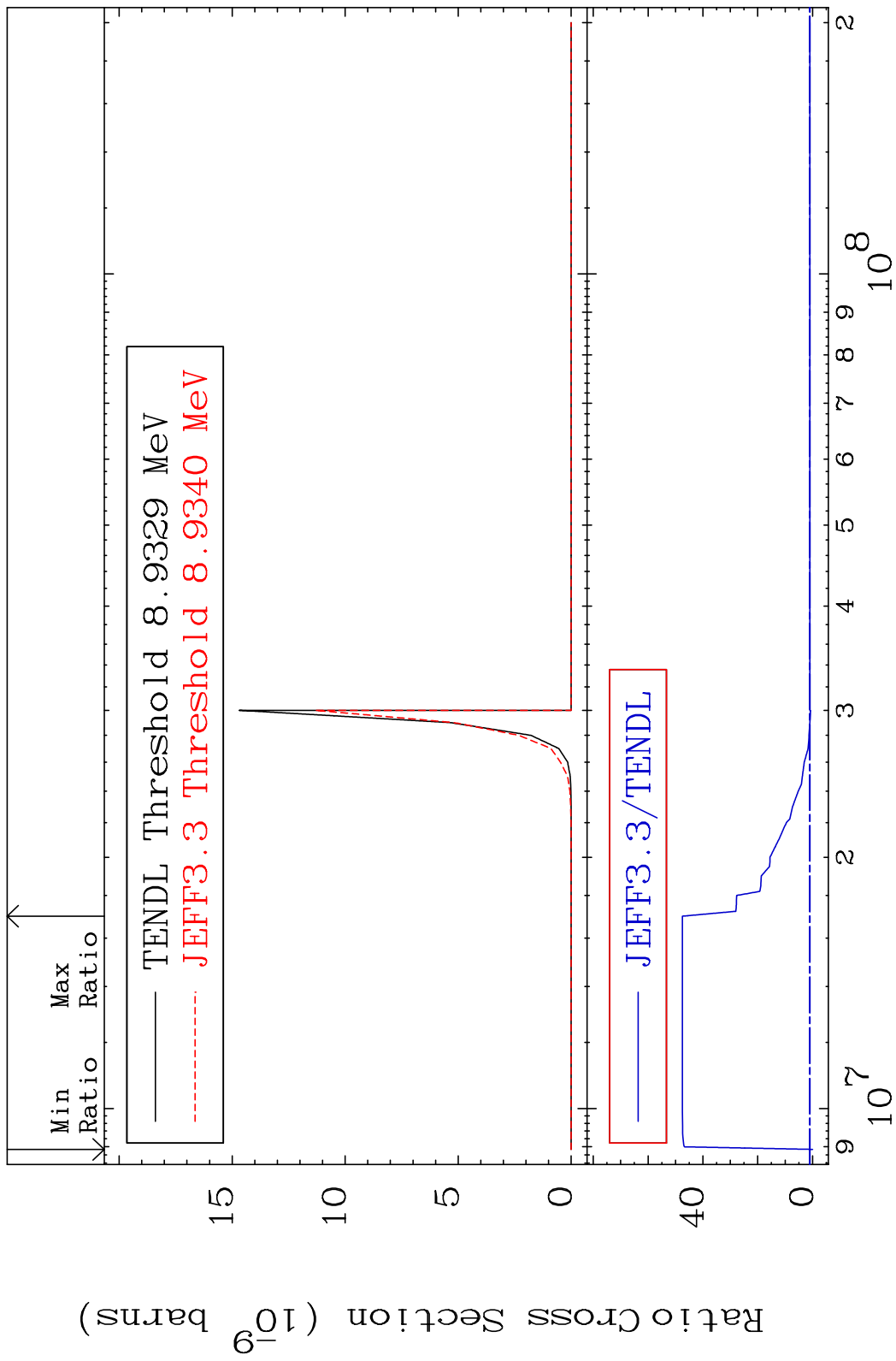
MAT 5231 (n,p) t:50-Sn-119g 52-Te-122
 Radionuclide Production Cross Section Ratio 0.690 %



MAT 5231 (n, p) t:50-Sn-119m2 52-Te-122
 Radionuclide Production Cross Section 180.01 dth 50.52 %

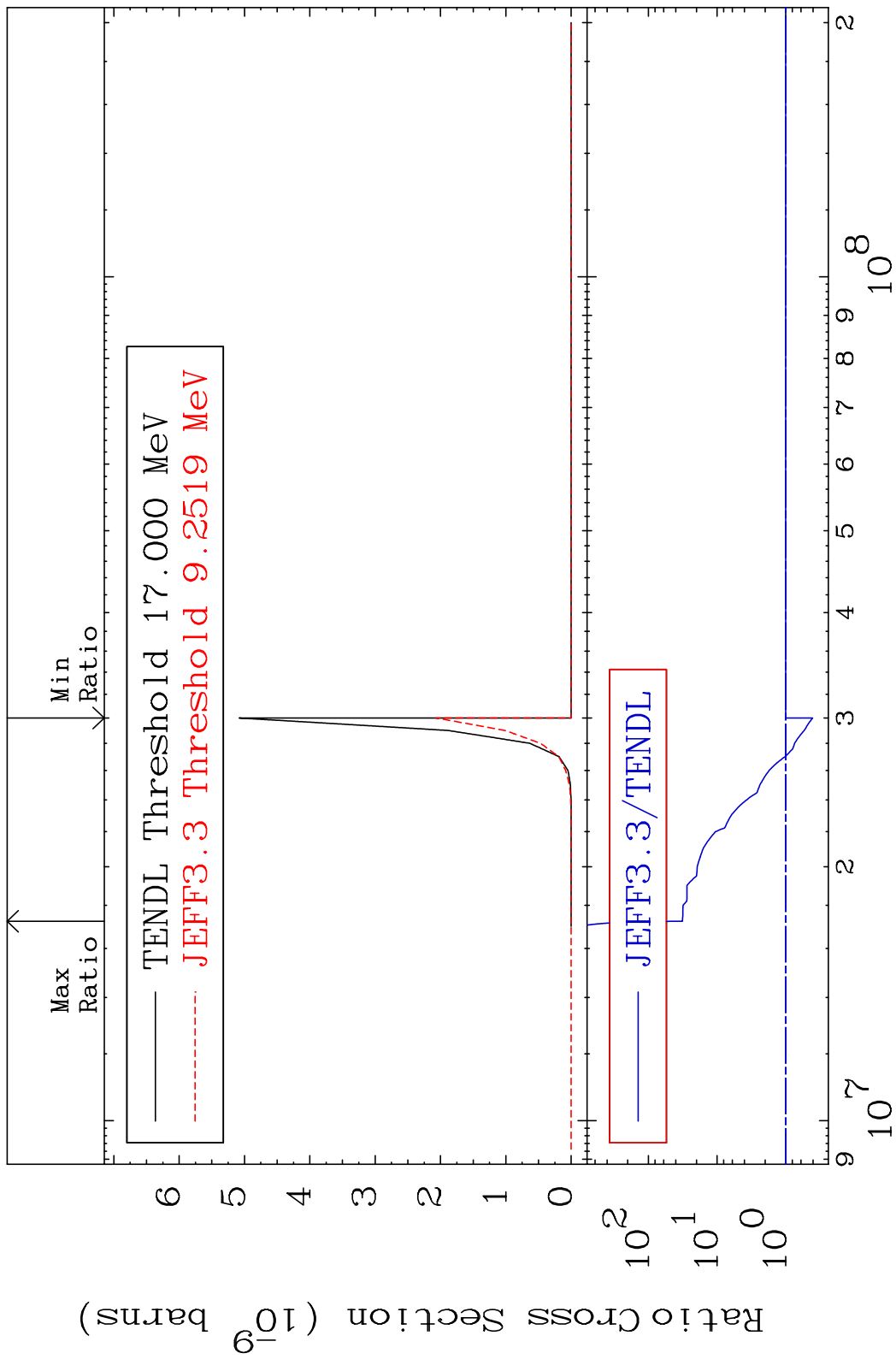


MAT 5231 (n, d) α :49-In-117g 52-Te-122
 Radionuclide Production Cross Section Ratio 4650. %



102 Incident Energy (eV) 52-Te-122

MAT 5231 (n, d) α : 49-In-117m1 52-Te-122
 Radionuclide Production Cross Section 58.271 ± 3.105 %



103 Incident Energy (eV) 52-Te-122