

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

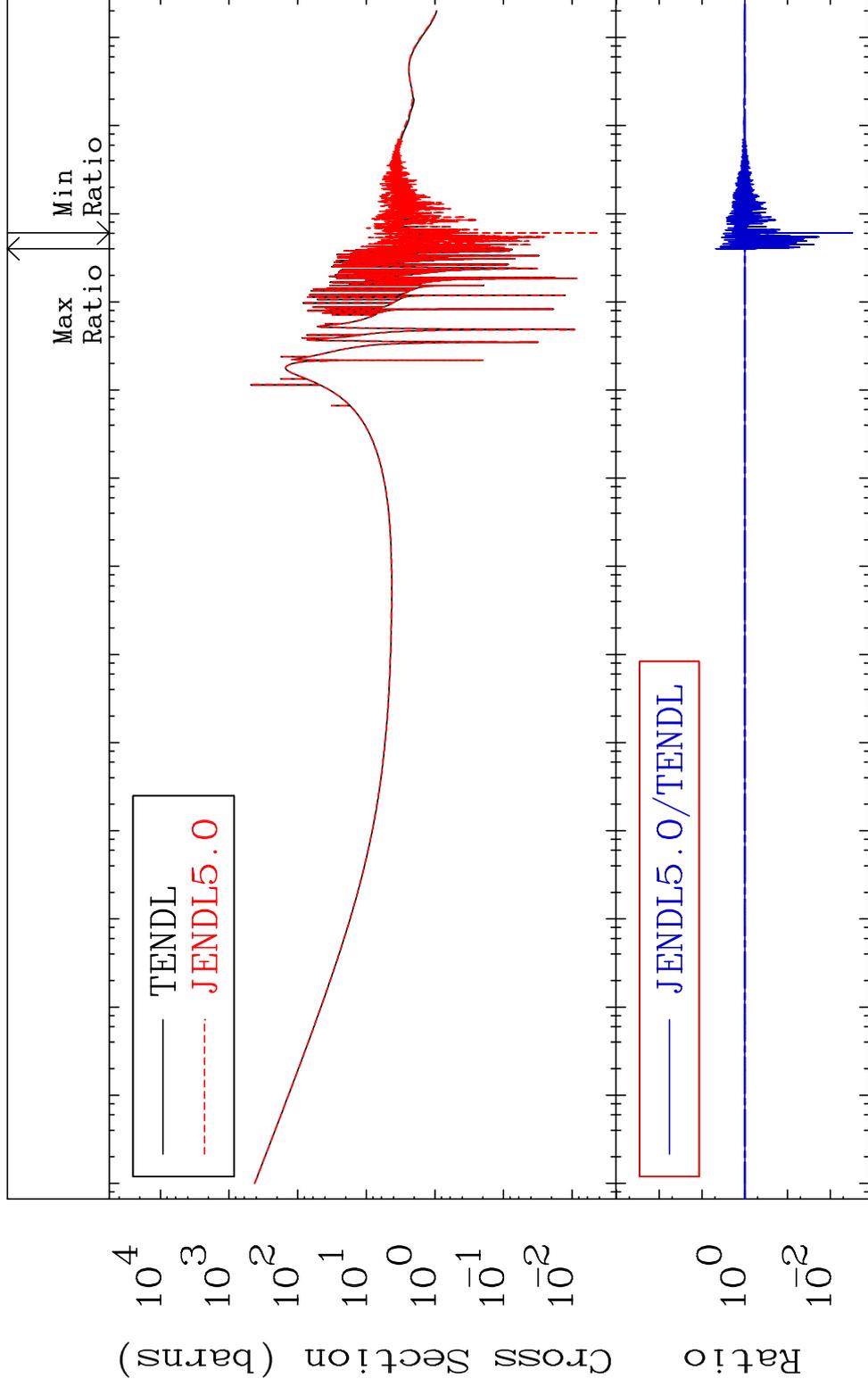
MAT 2231

Total

22-Ti-48

Cross Section

-99.70 To 372.8 %



1

Incident Energy (eV)

22-Ti-48

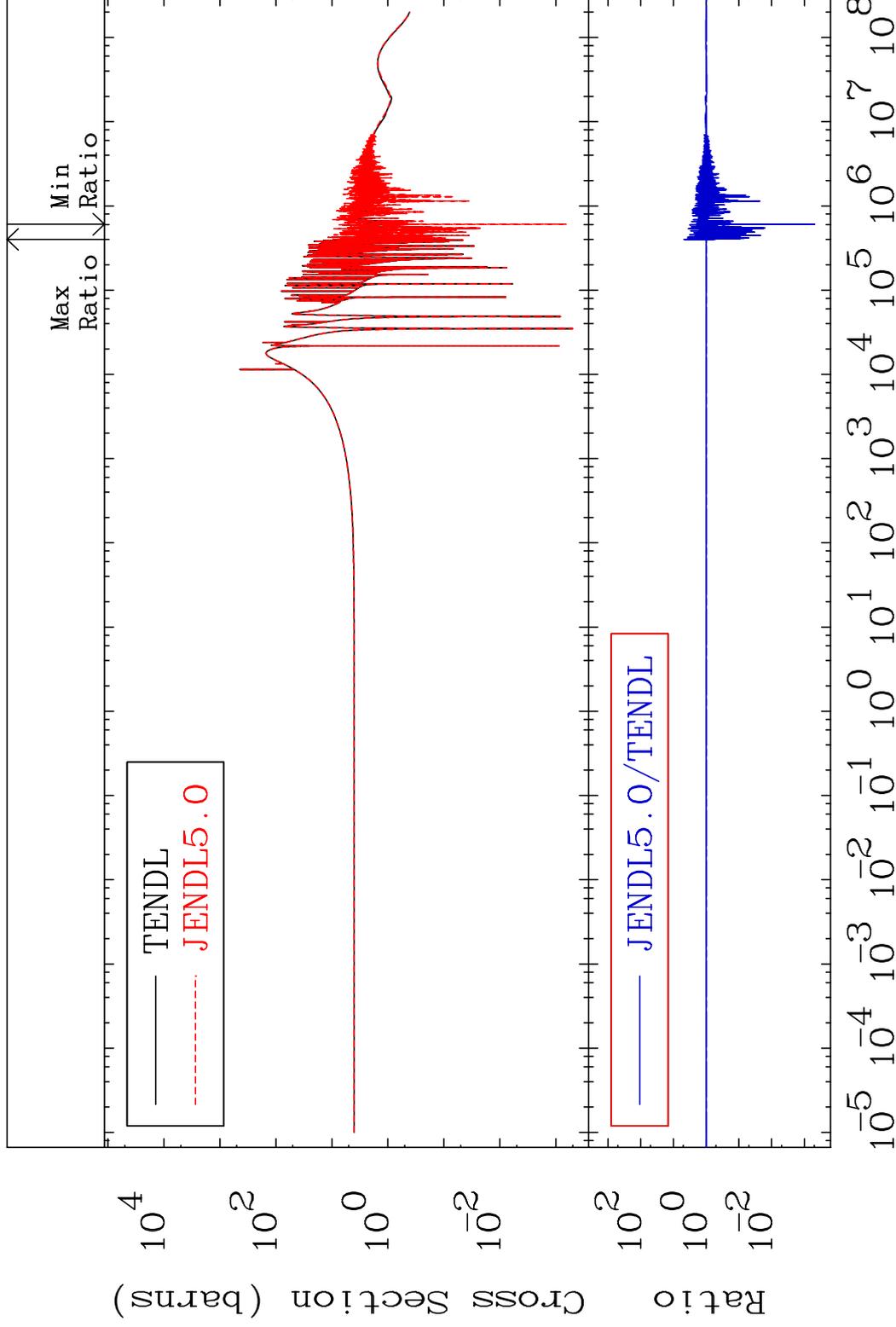
MAT 2231

Elastic

22-Ti-48

Cross Section

-99.95 To 373.6 %



2

Incident Energy (eV)

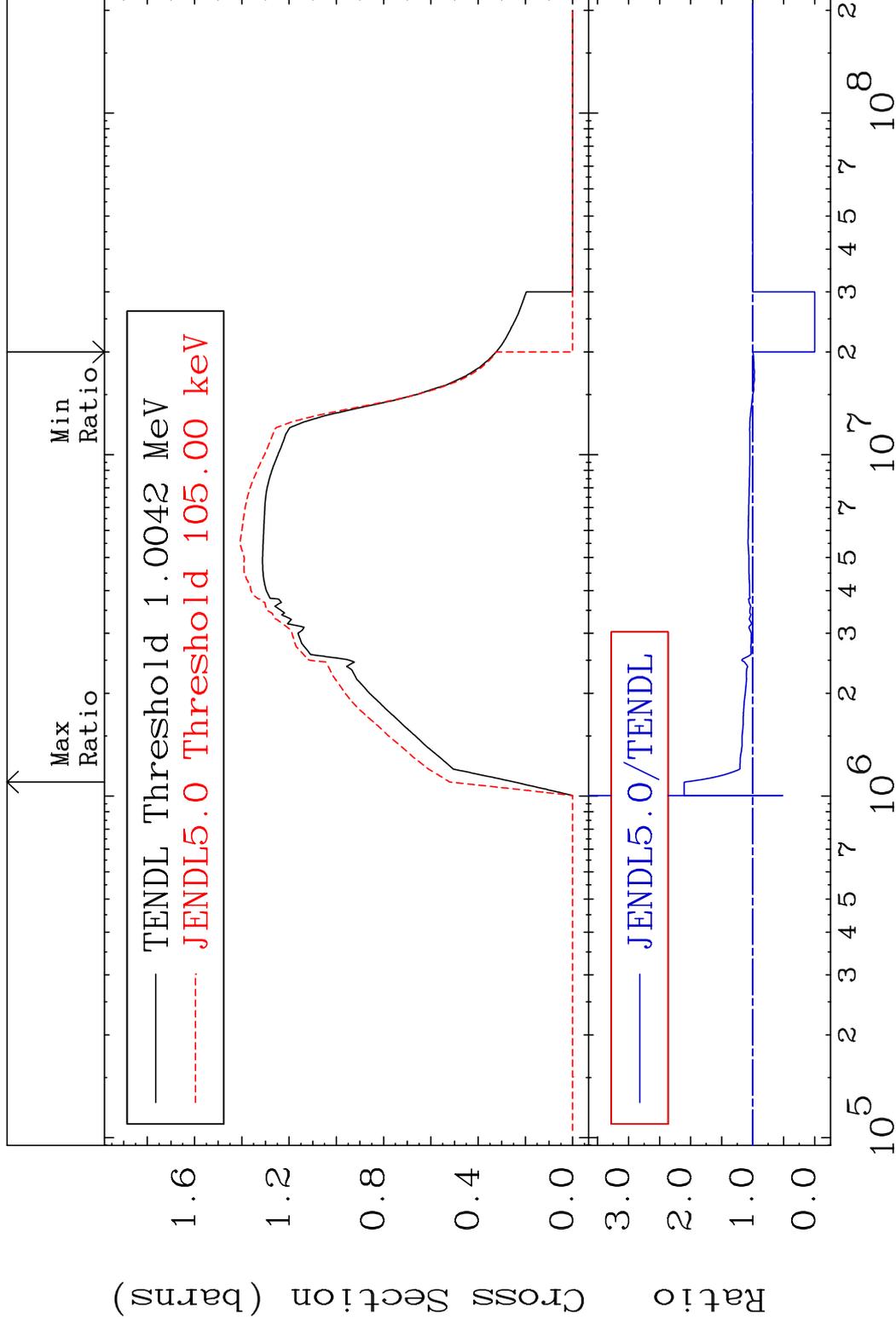
22-Ti-48

MAT 2231

Inelastic

²²Ti-48

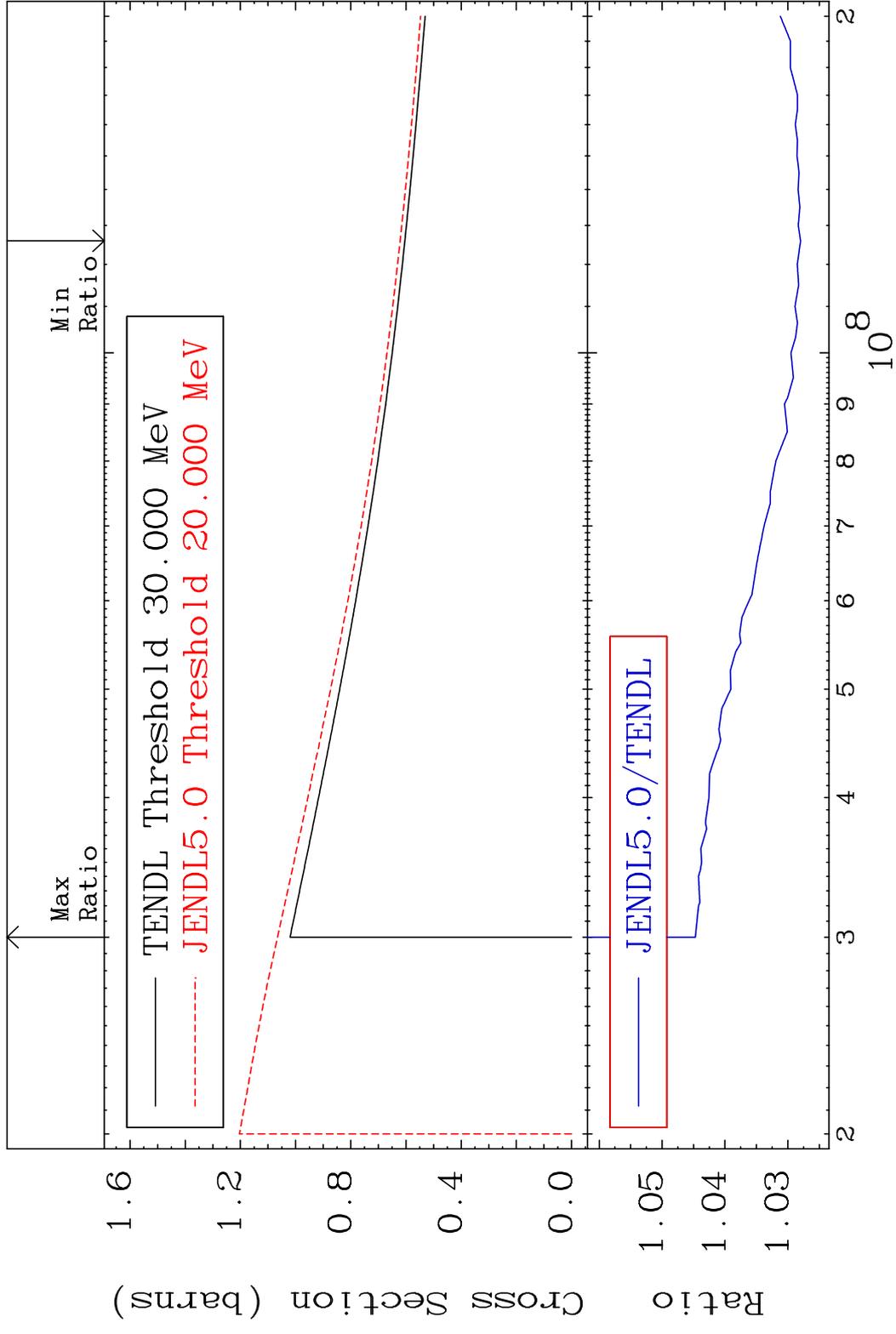
Cross Section -100.0 To 110.5 %



Incident Energy (eV)

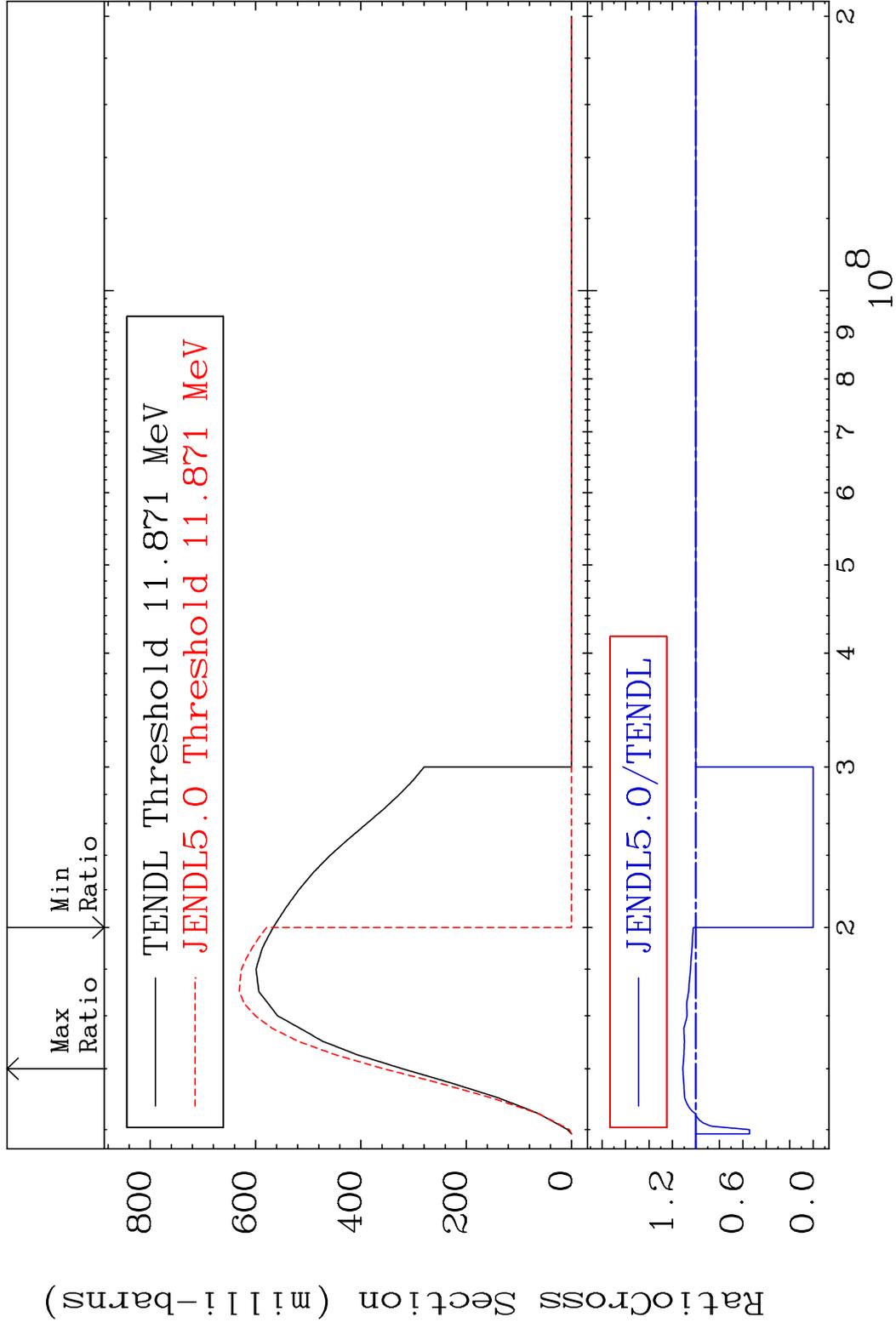
²²Ti-48

MAT 2231 (n, remainder) ²²Ti-48
 Cross Section 2.797 To 4.471 %



4 Incident Energy (eV) ²²Ti-48

MAT 2231 (n,2n) 22-Ti-48
 Cross Section -100.0 To 11.17 %

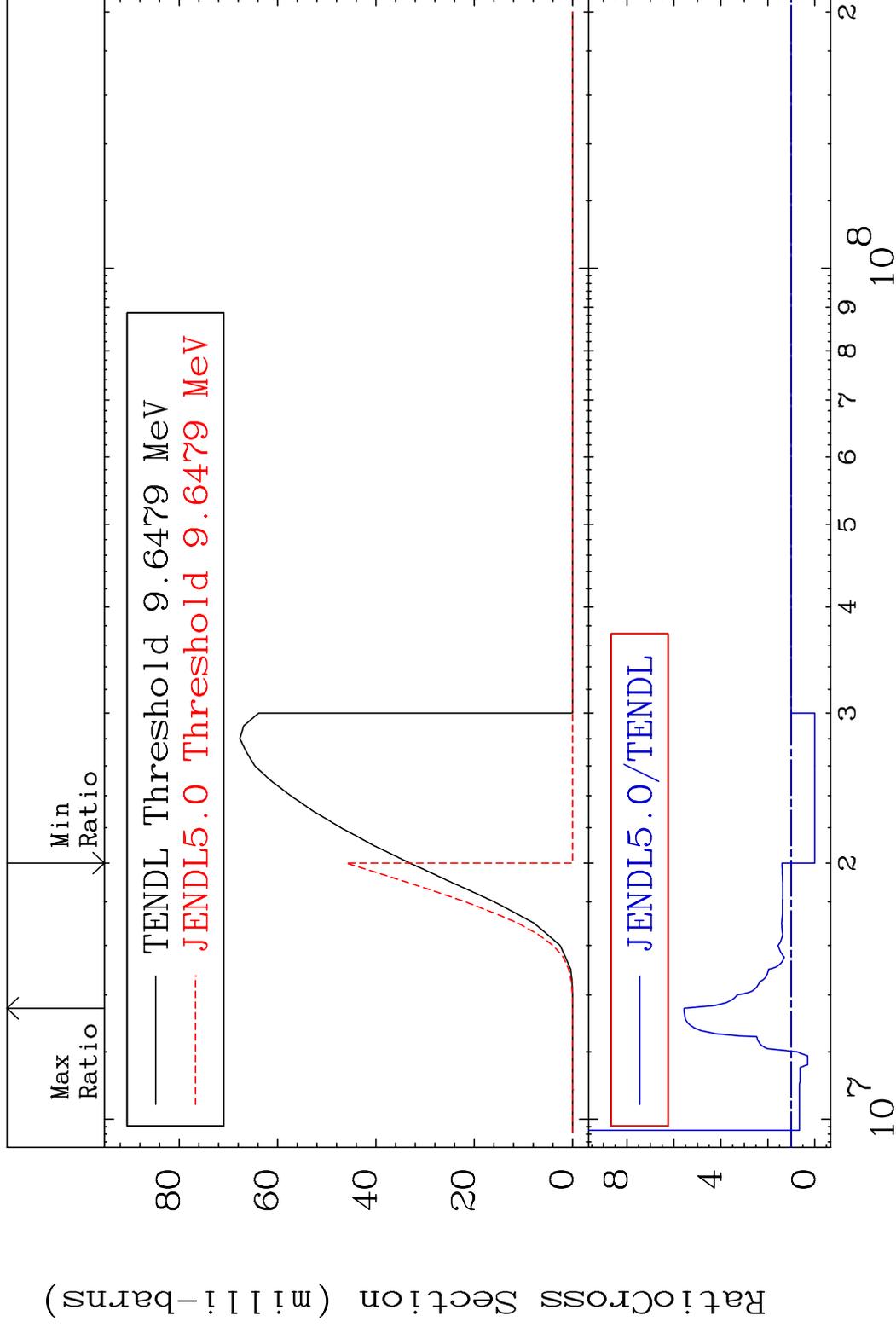


MAT 2231

(n, n') α

²²Ti-48

Cross Section -100.0 To 456.2 %



6

Incident Energy (eV)

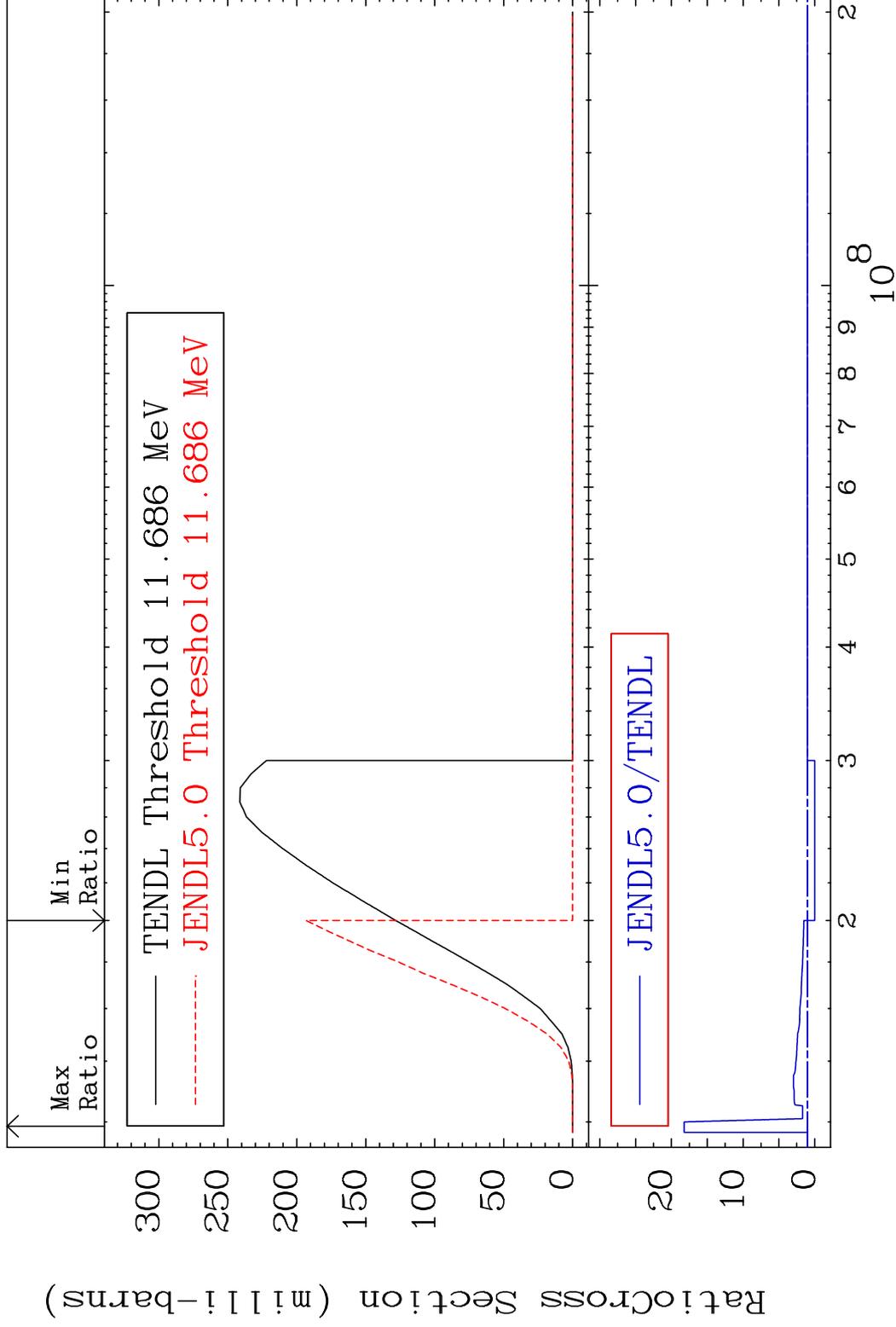
²²Ti-48

MAT 2231

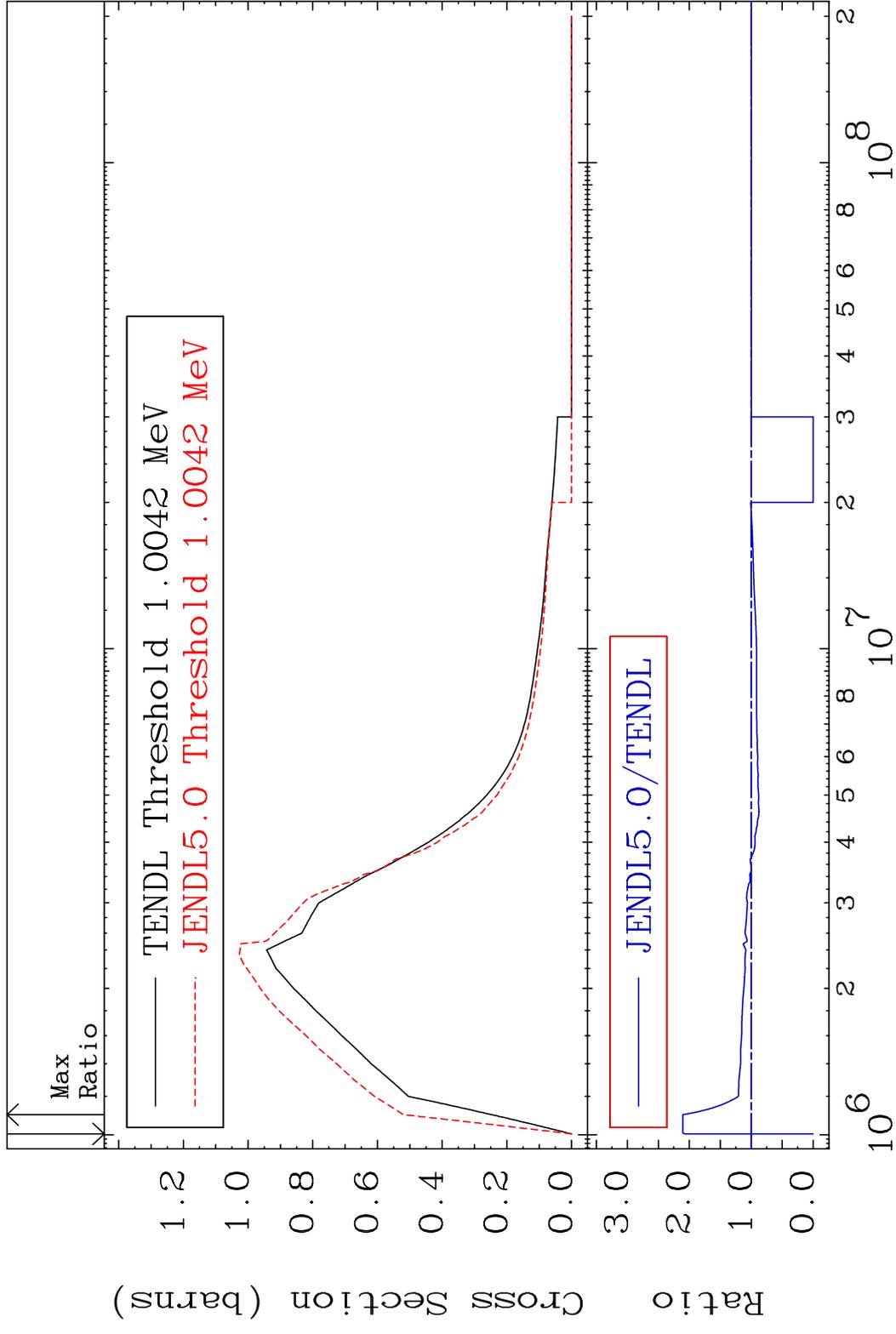
(n, n') p

²²Ti-48

Cross Section -100.0 To 1723. %

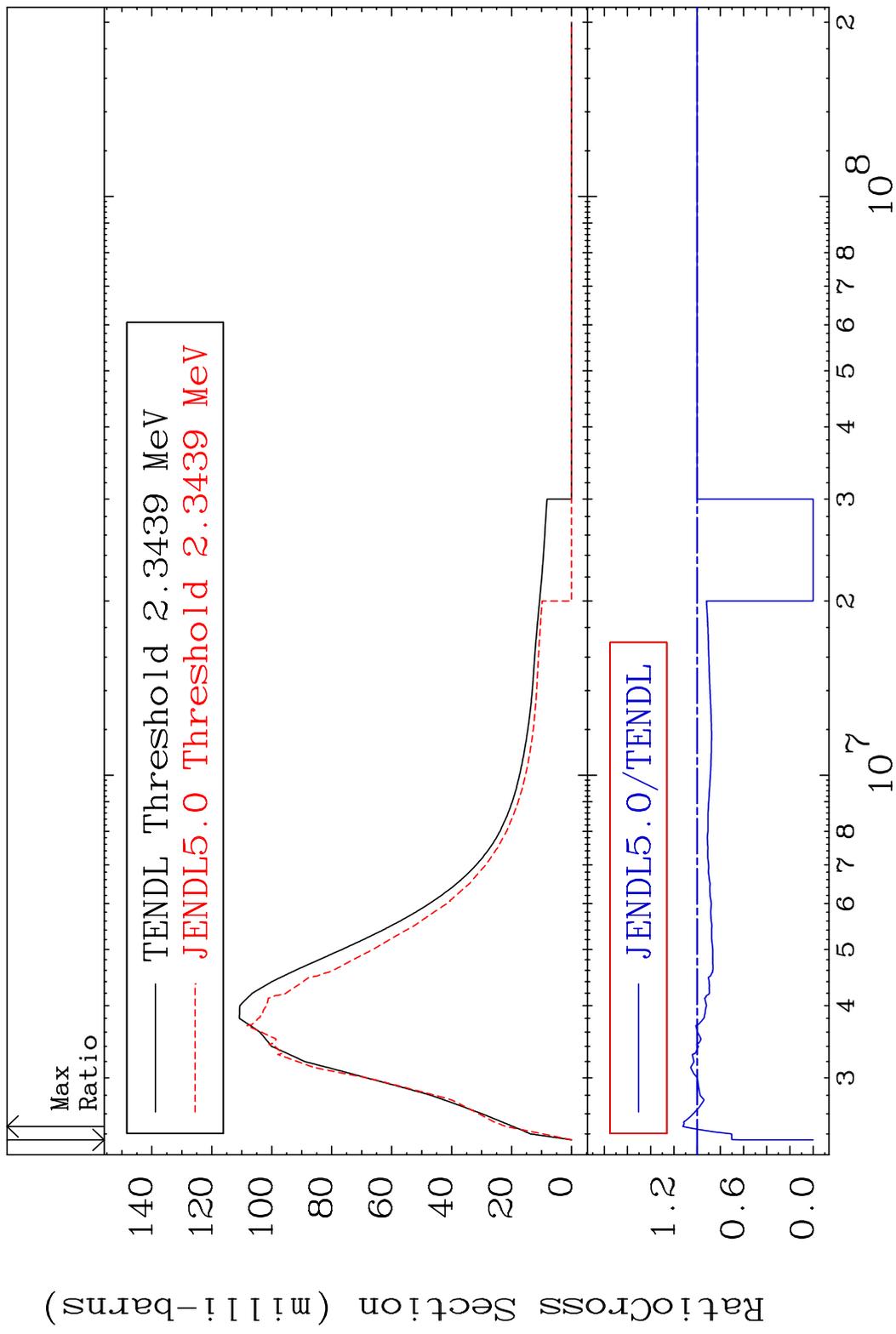


MAT 2231 MT= 51 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 110.5 %

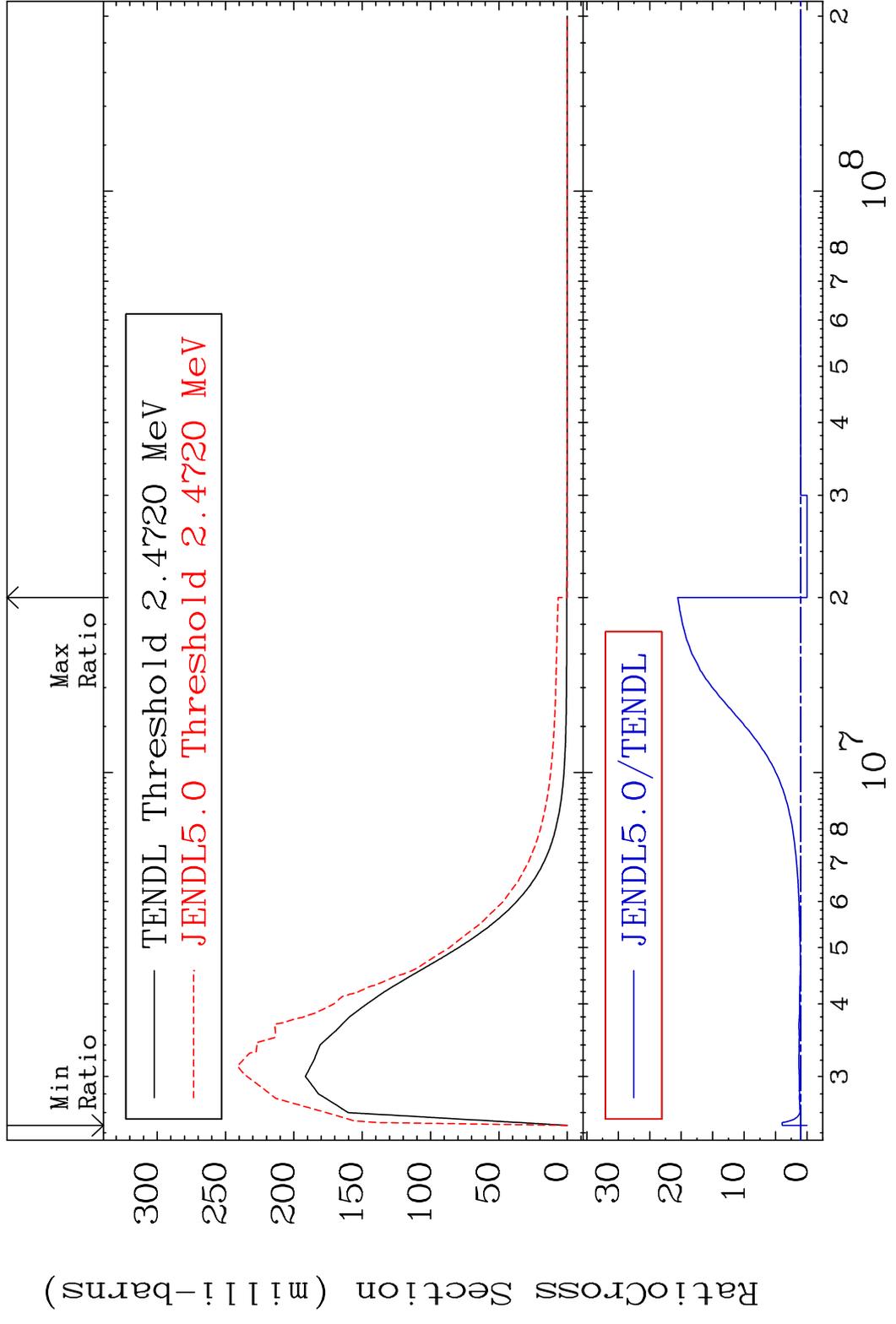


8 Incident Energy (eV) 22-Ti-48

MAT 2231 MT= 52 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 12.30 %

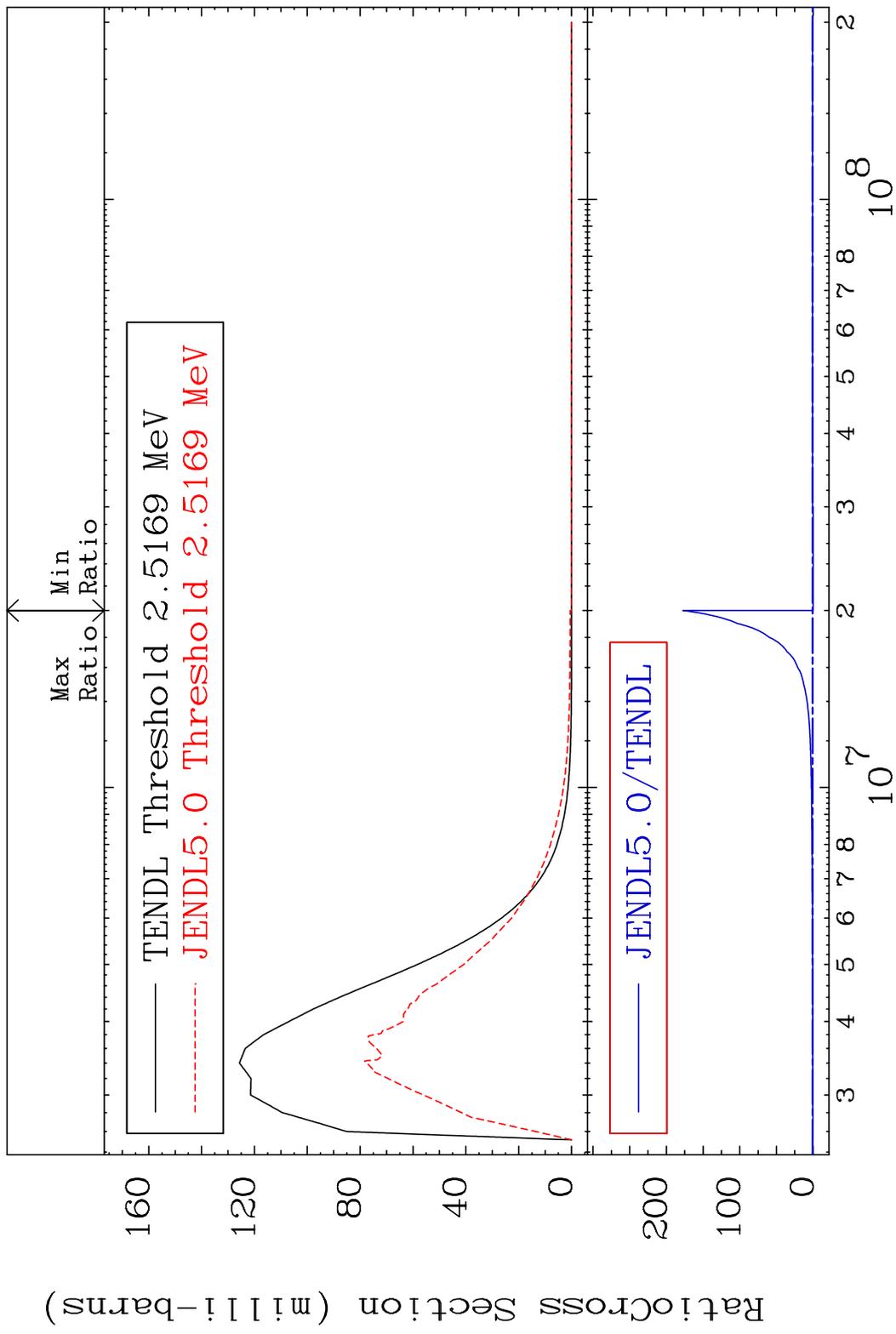


MAT 2231 MT= 53 (n, n') Level 22-Ti-48
 Cross Section -100.0 To 1956. %



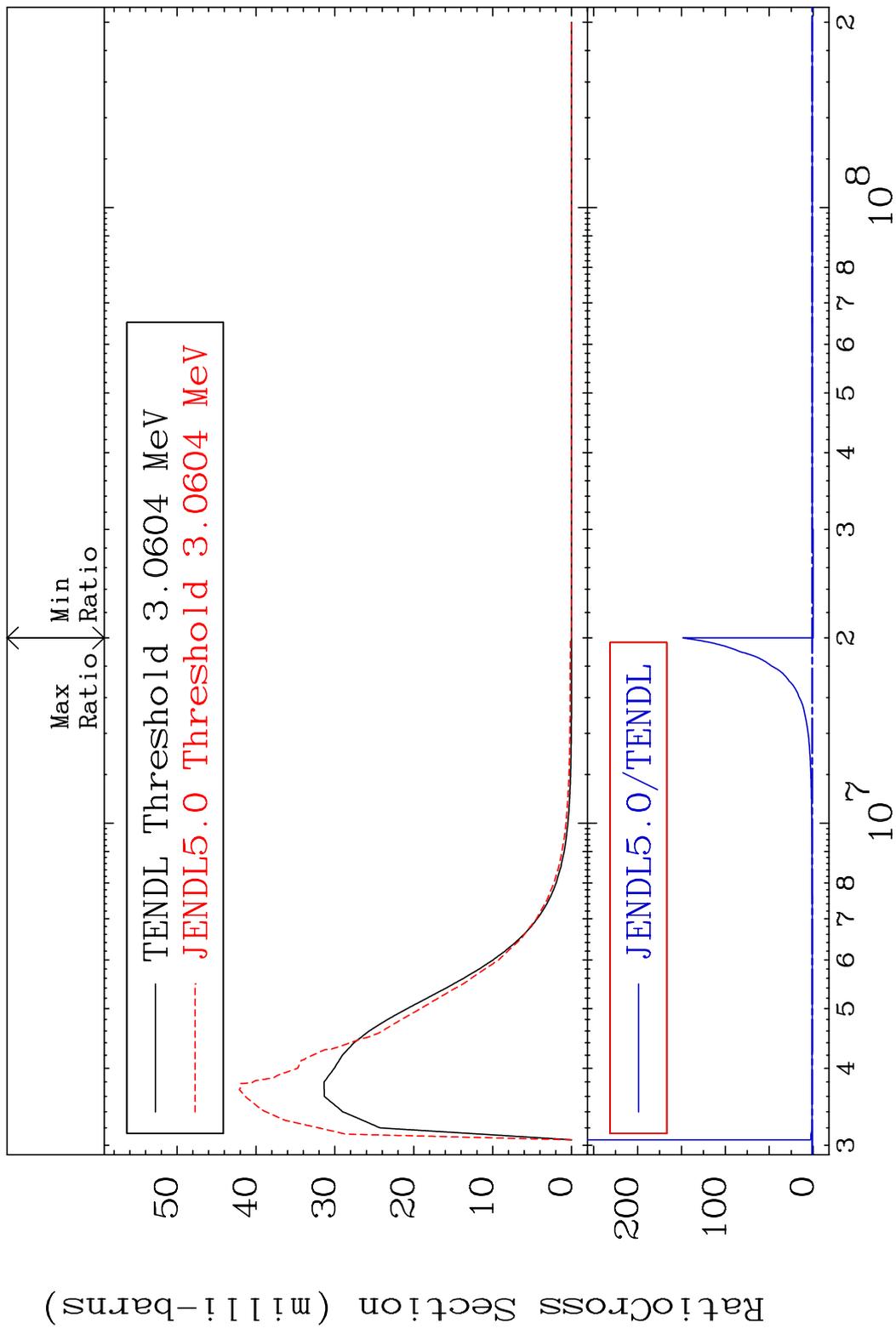
10 Incident Energy (eV) 22-Ti-48

MAT 2231 MT= 54 (n, n') Level 22-Ti-48
 Cross Section -100.0 To 9999. %

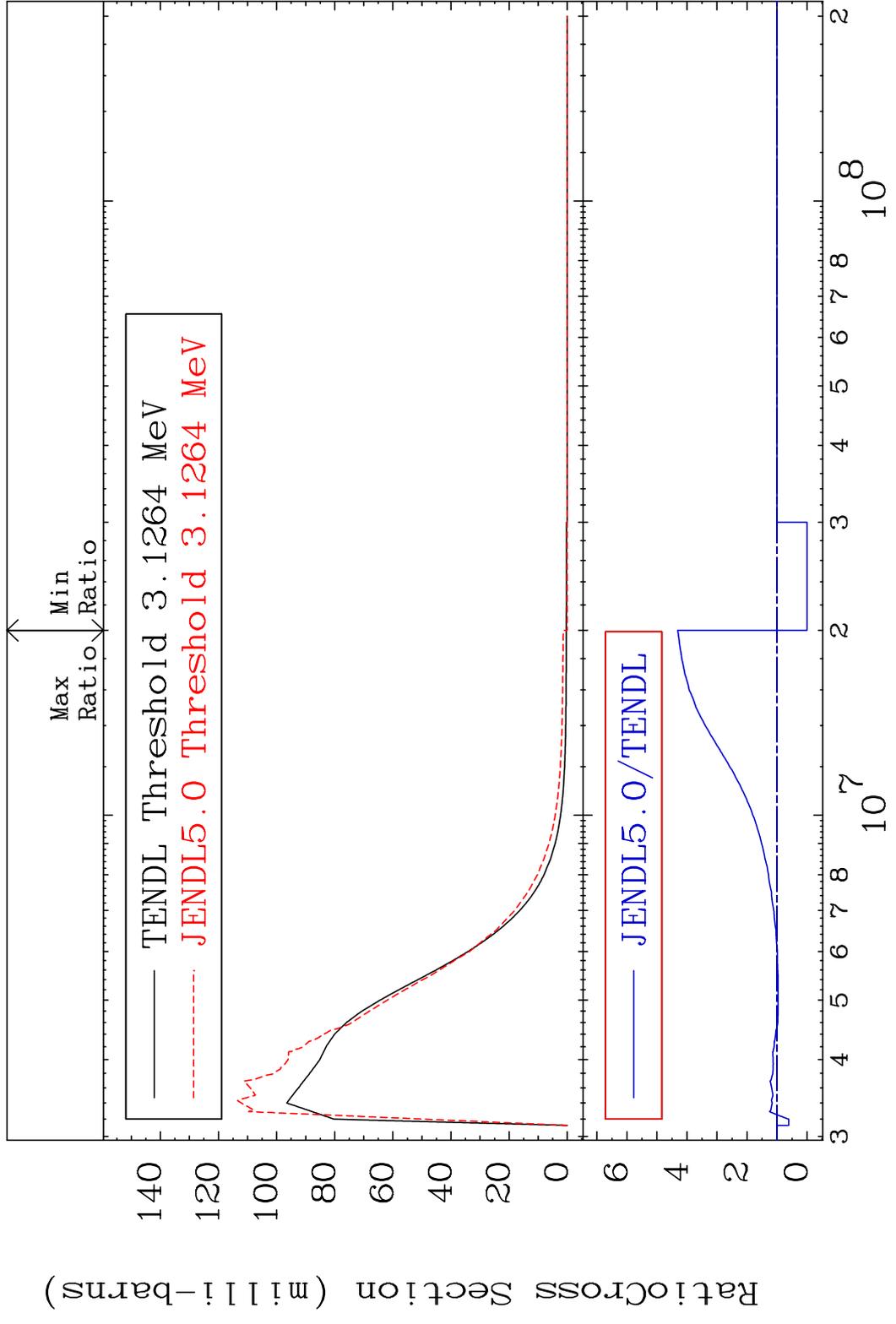


11 Incident Energy (eV) 22-Ti-48

MAT 2231 MT= 55 (n, n') Level 22-Ti-48
 Cross Section -100.0 To 9999. %

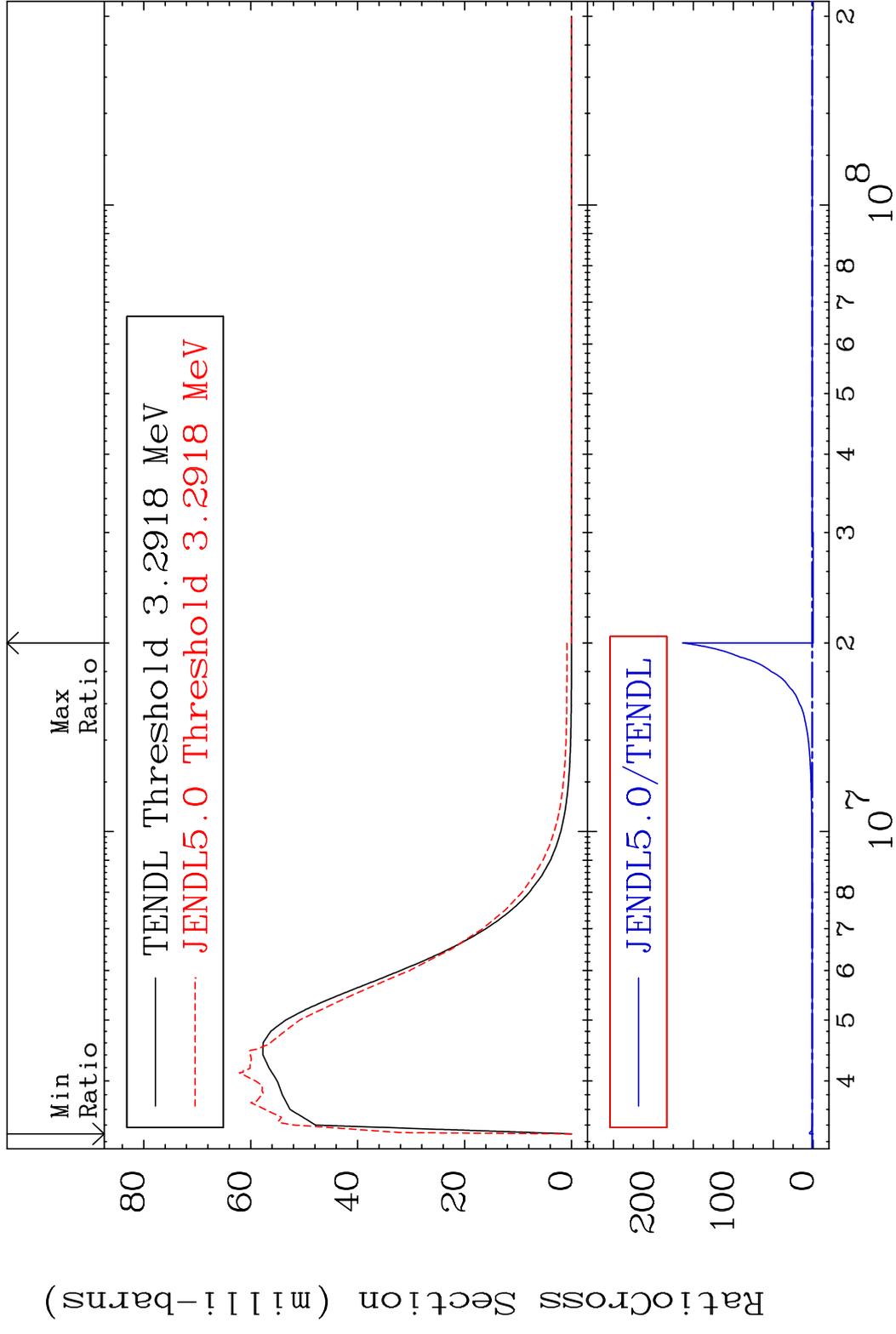


MAT 2231 MT= 56 (n, n') Level 22-Ti-48
 Cross Section -100.0 To 330.9 %

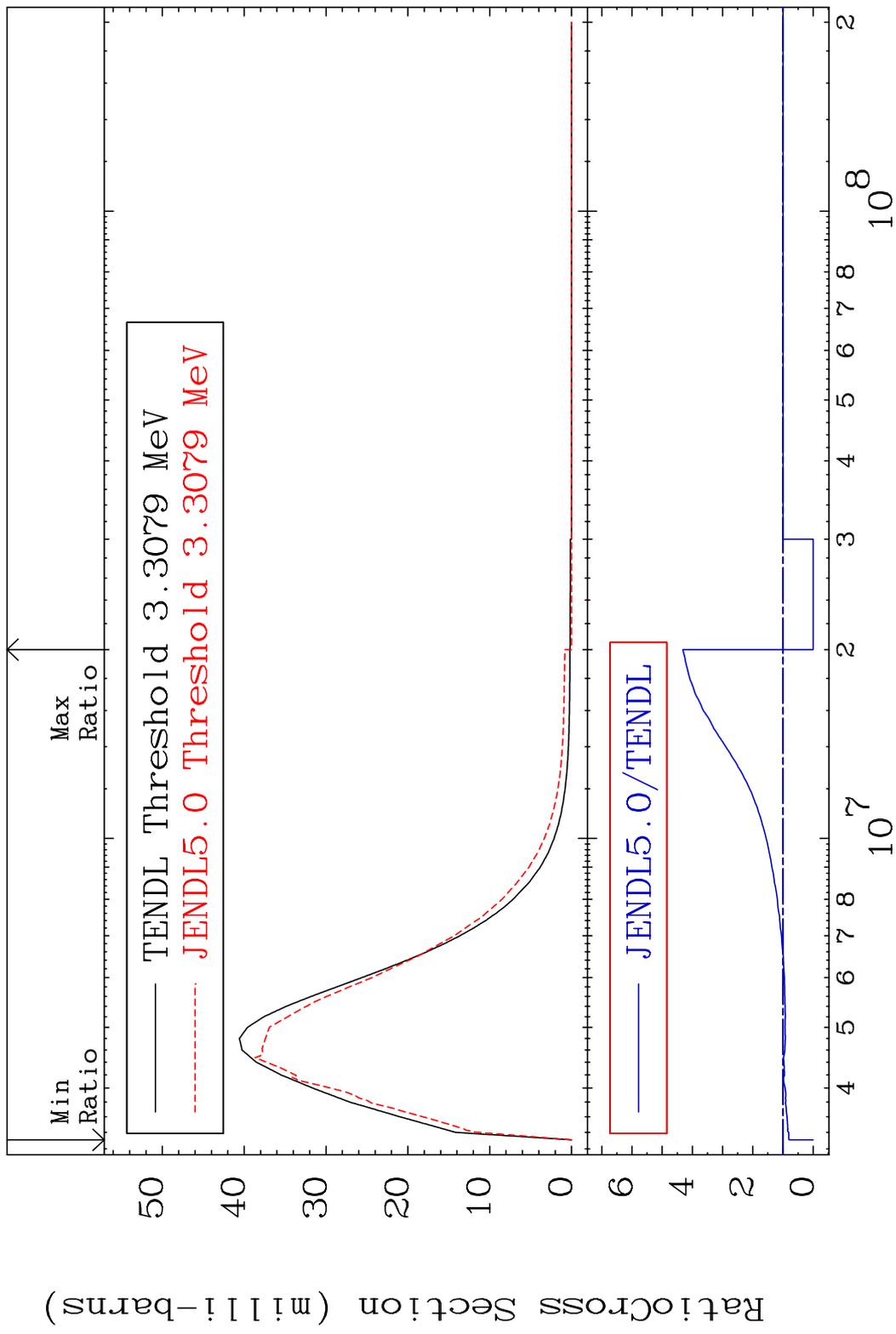


13 Incident Energy (eV) 22-Ti-48

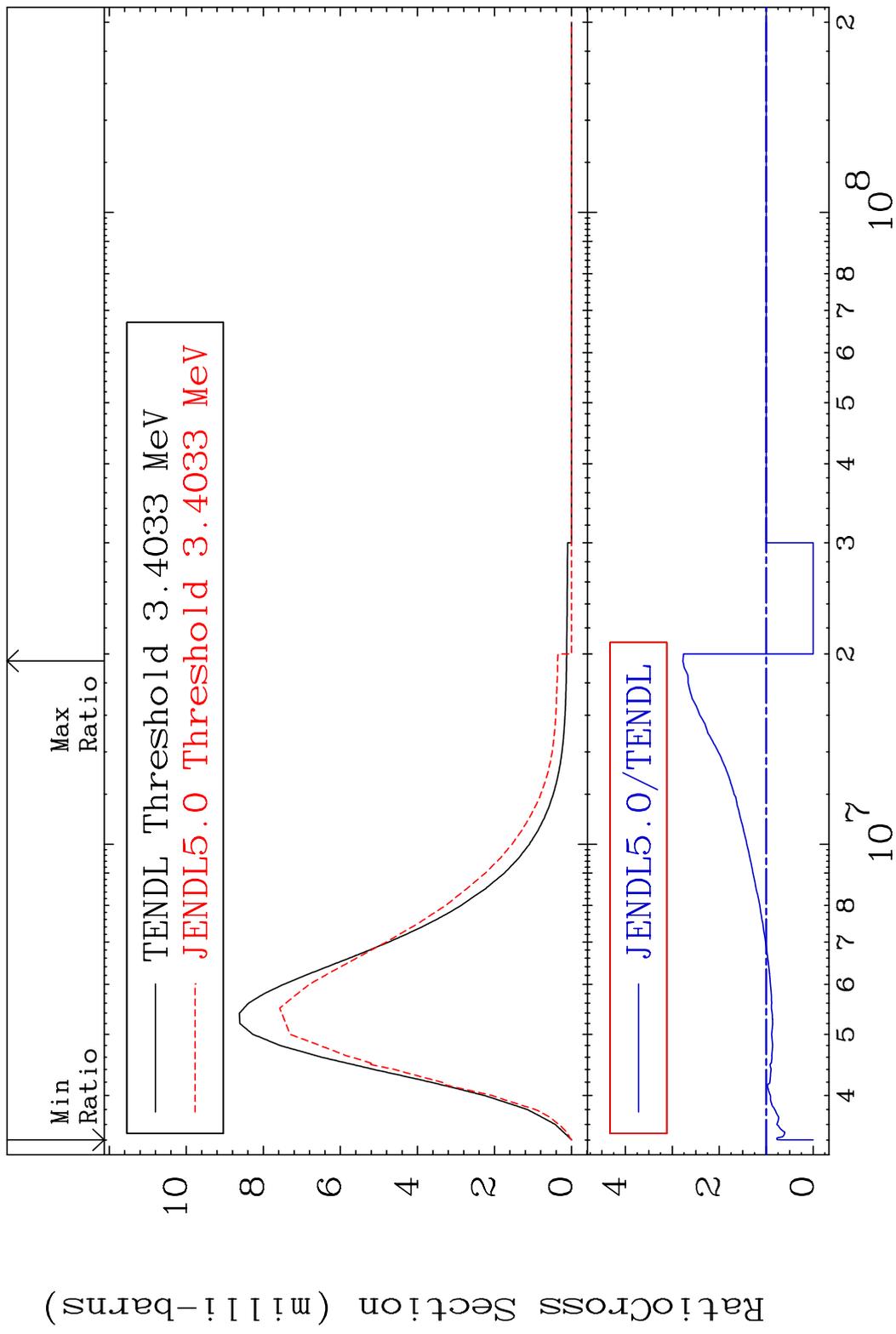
MAT 2231 MT= 57 (n, n') Level 22-Ti-48
 Cross Section -100.0 To 9999. %



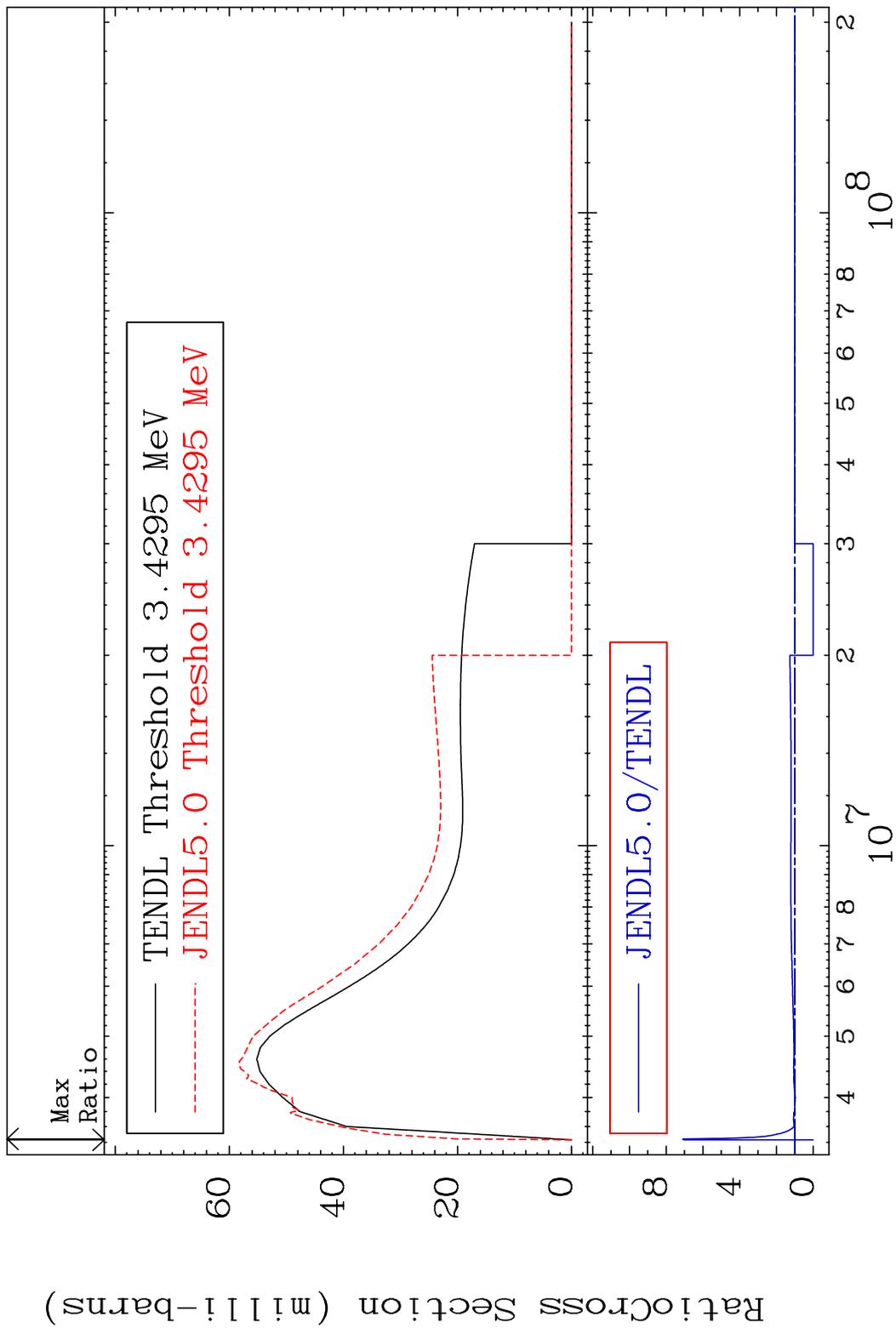
MAT 2231 MT= 58 (n, n') Level 22-Ti-48
 Cross Section -100.0 To 331.7 %



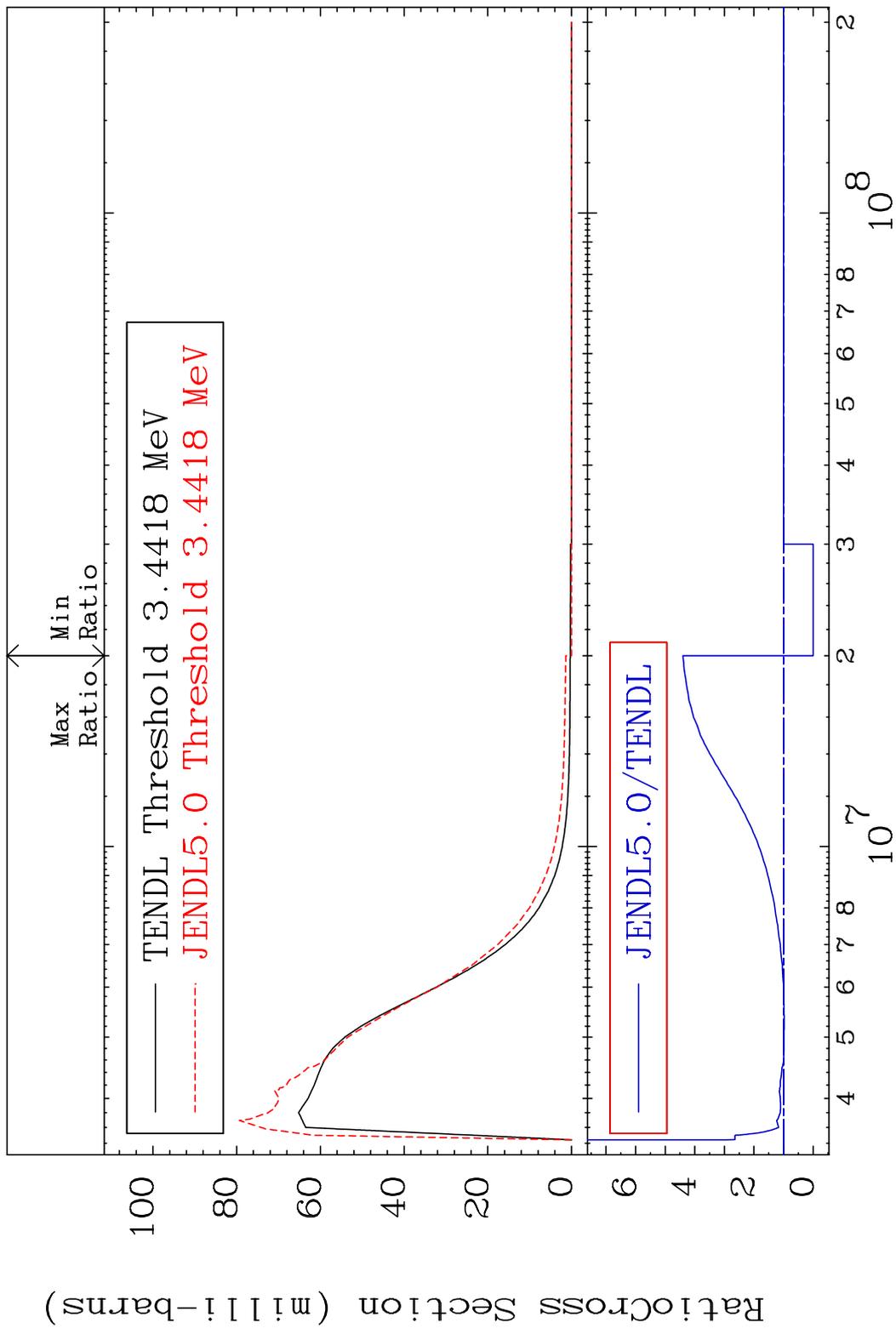
MAT 2231 MT= 59 (n, n') Level 22-Ti-48
 Cross Section -100.0 To 177.6 %



MAT 2231 MT= 60 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 609.4 %

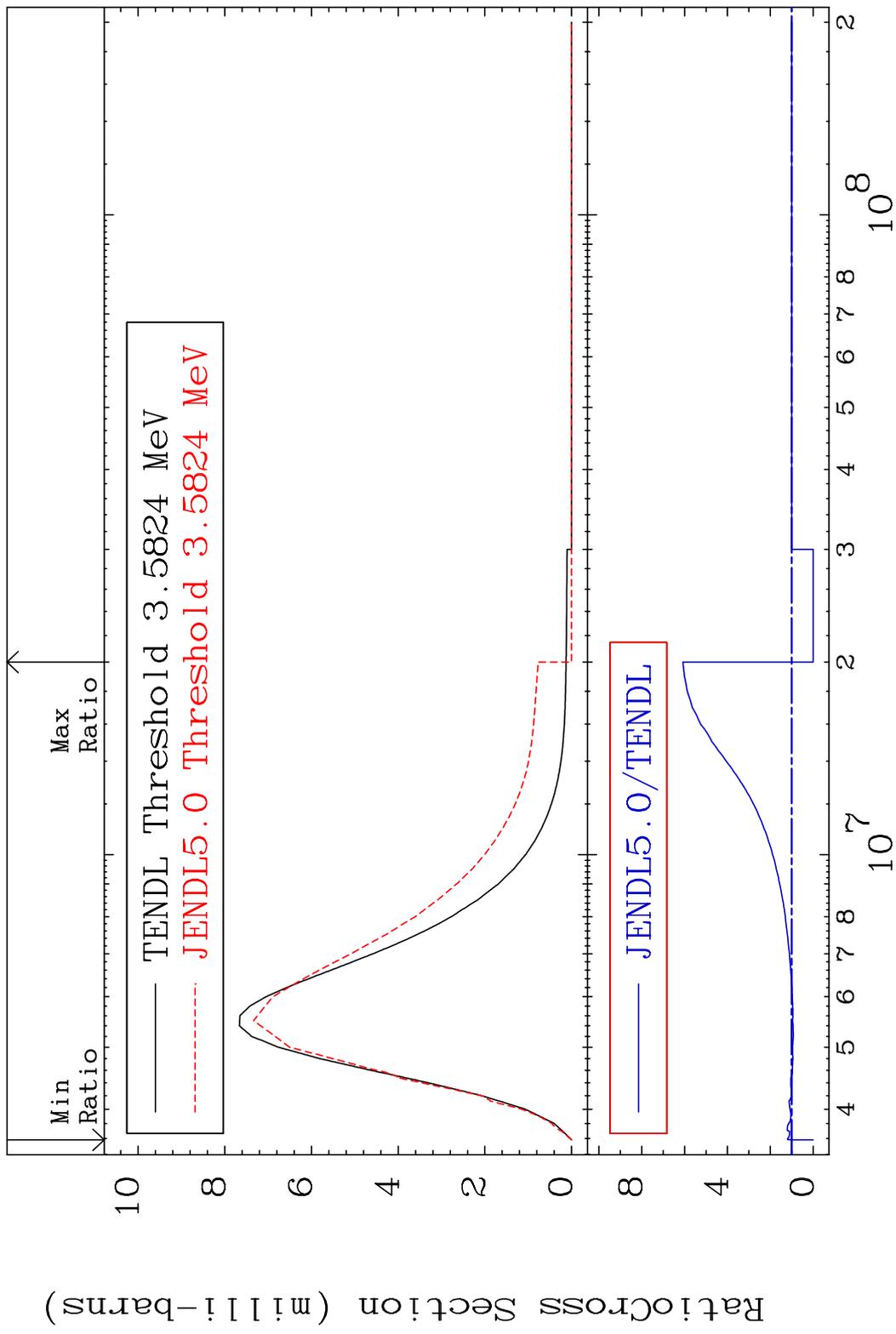


MAT 2231 MT= 61 (n, n') Level 22-Ti-48
 Cross Section -100.0 To 340.4 %

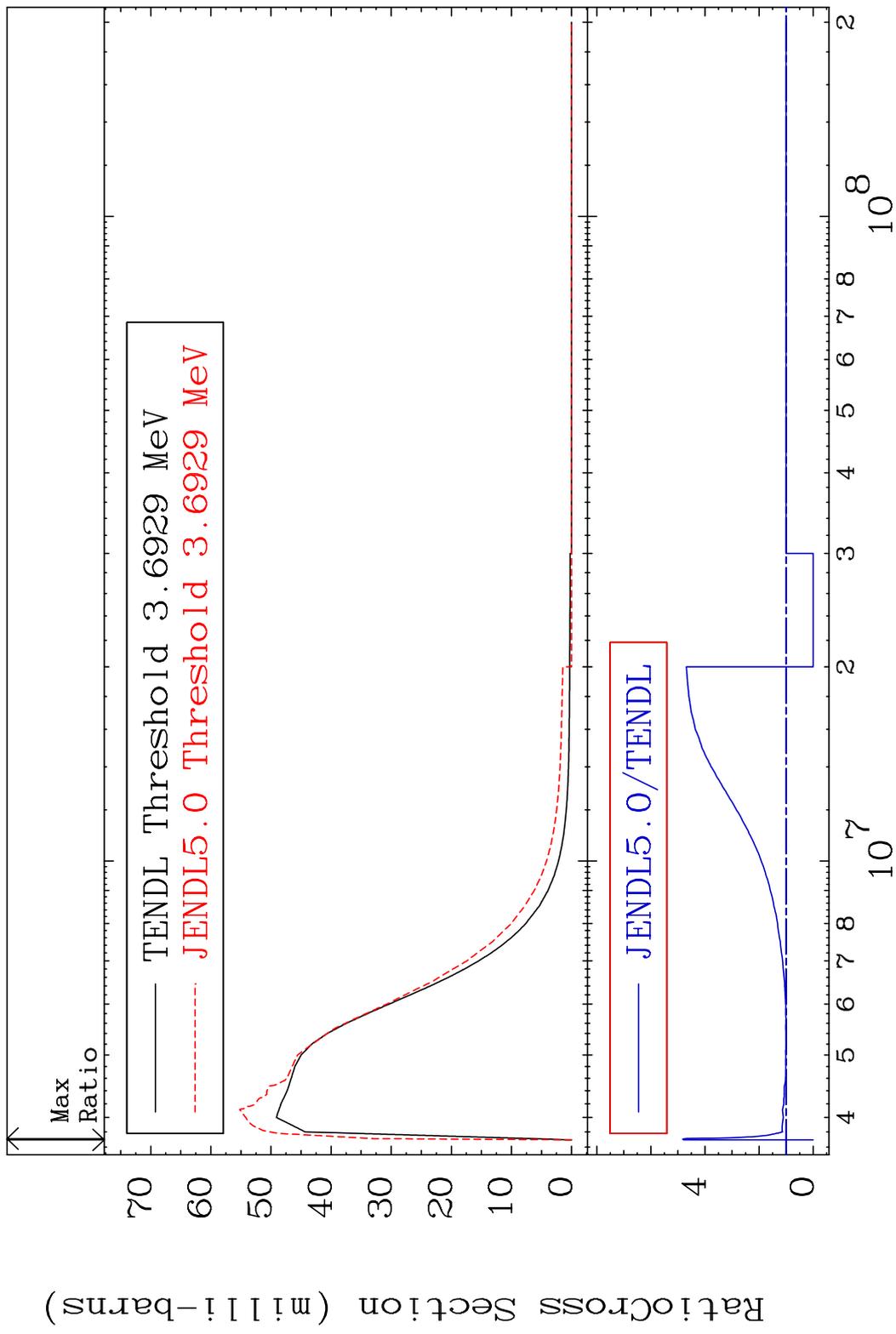


18 Incident Energy (eV) 22-Ti-48

MAT 2231 MT= 62 (n, n') Level 22-Ti-48
 Cross Section -100.0 To 508.4 %

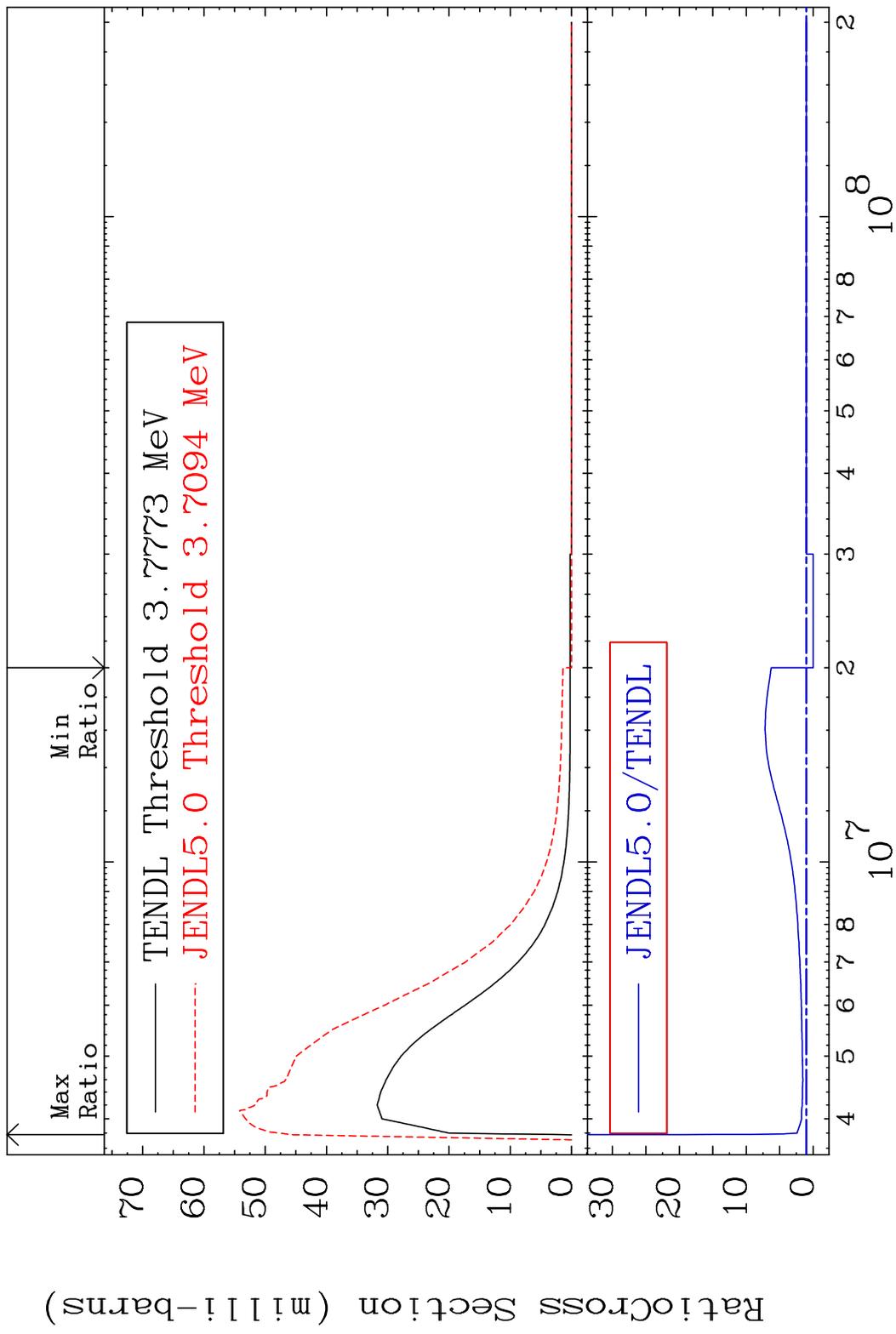


MAT 2231 MT= 63 (n, n') Level 22-Ti-48
 Cross Section -100.0 To 381.8 %

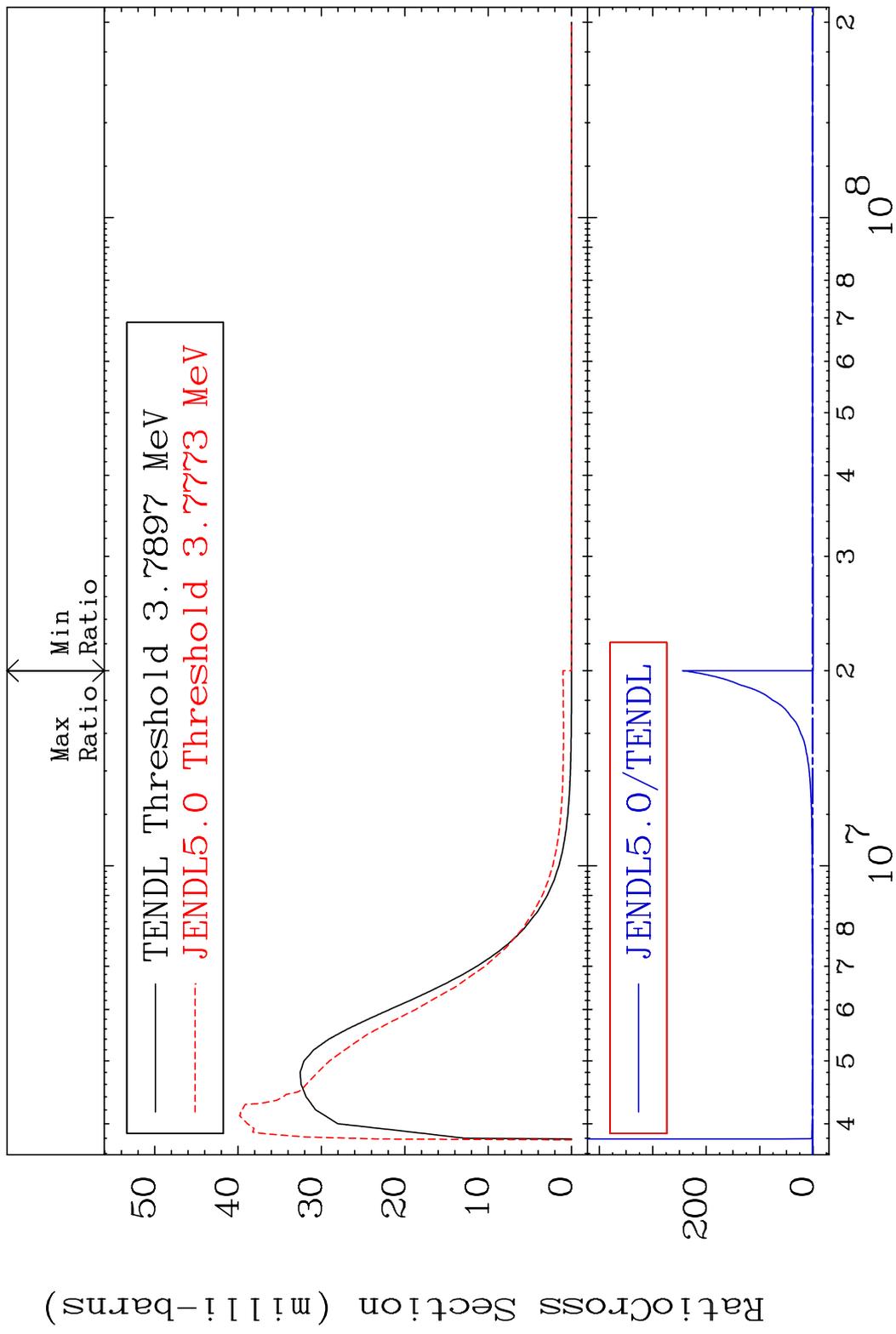


20 Incident Energy (eV) 22-Ti-48

MAT 2231 MT= 64 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 1848. %



MAT 2231 MT= 65 (n, n') Level 22-Ti-48
 Cross Section -100.0 To 9999. %

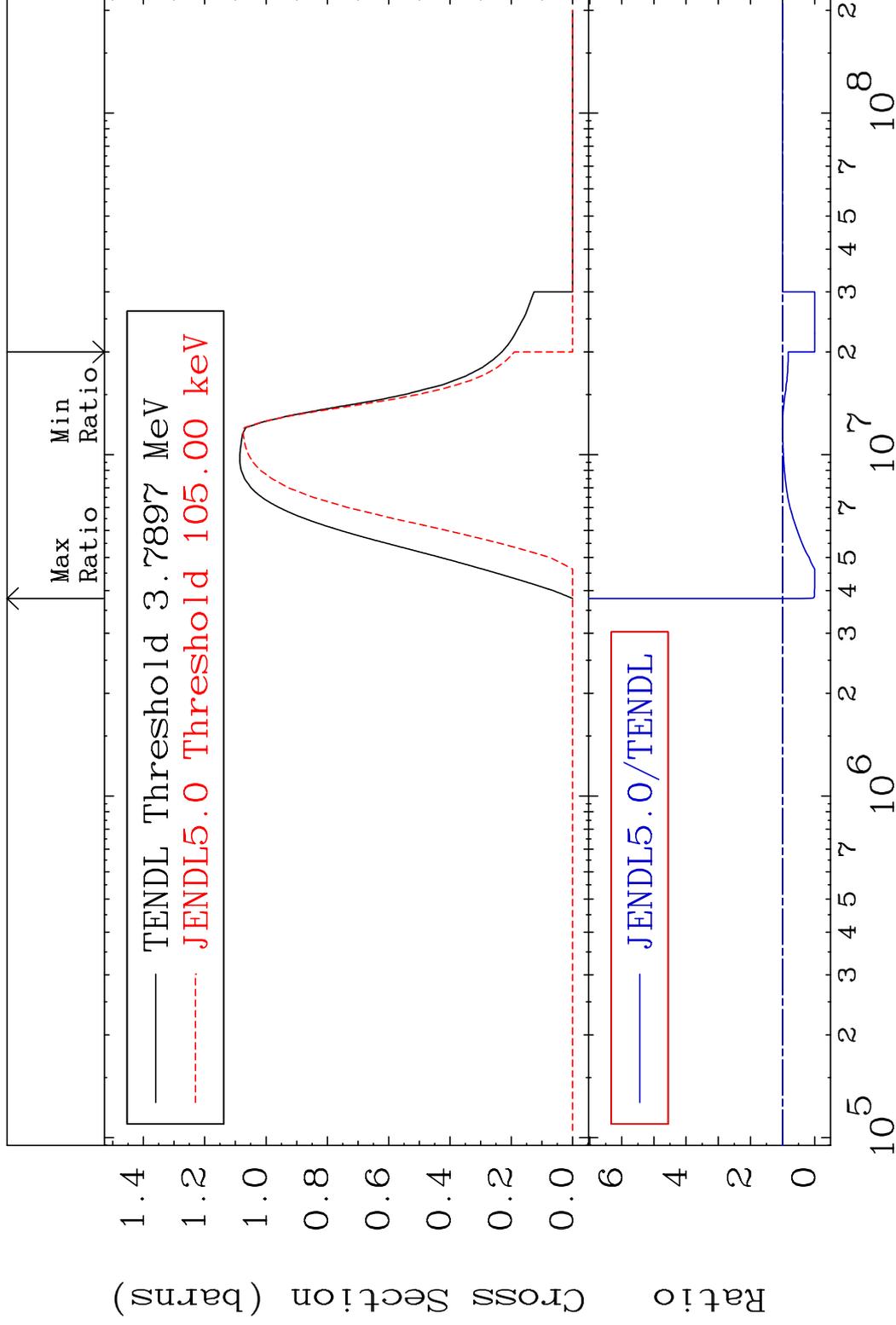


MAT 2231

(n,n') Continuum

22-Ti-48

Cross Section -100.0 To 306.1 %



23

Incident Energy (eV)

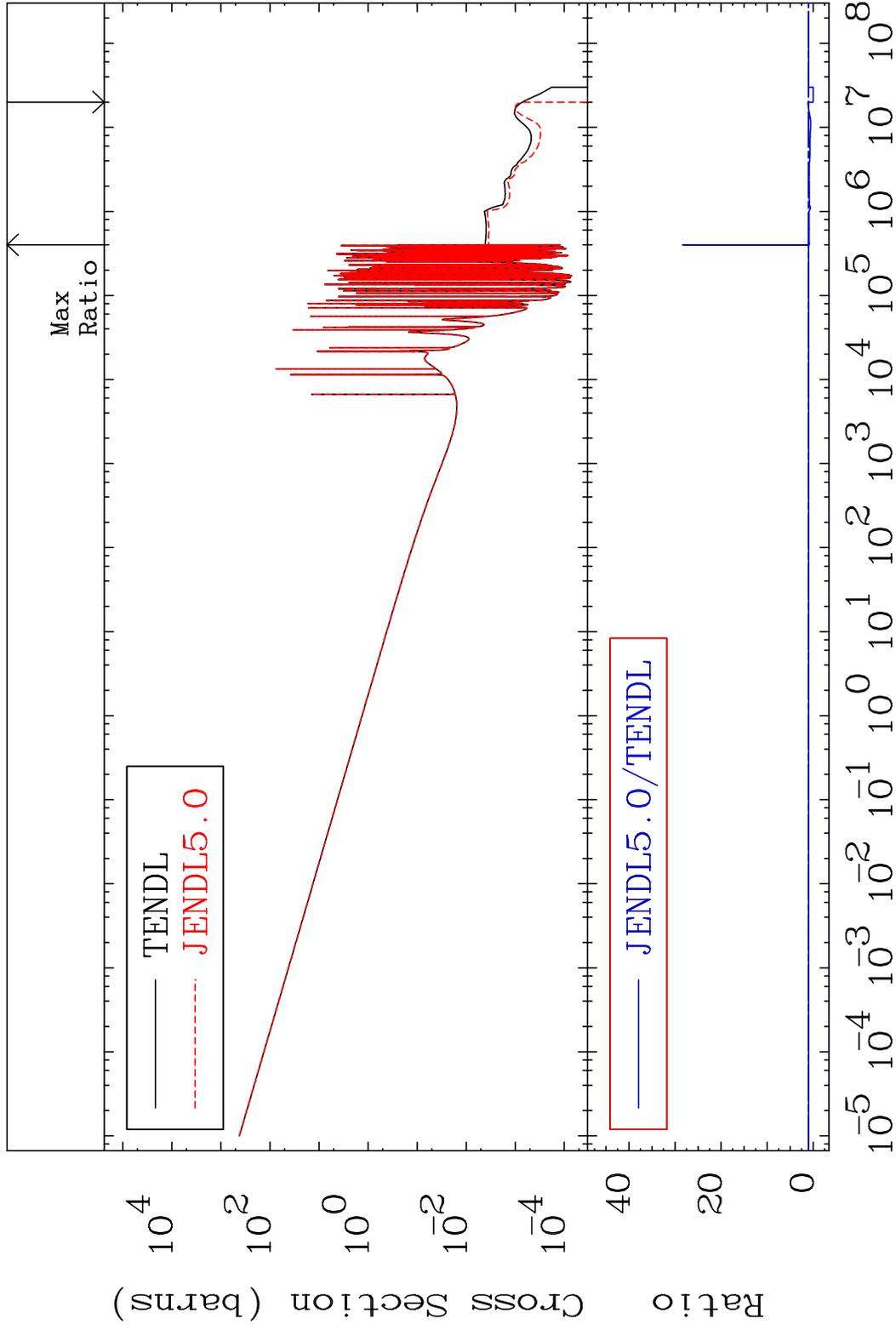
22-Ti-48

MAT 2231

(n, γ)

22-Ti-48

Cross Section -100.0 To 2731. %



24

Incident Energy (eV)

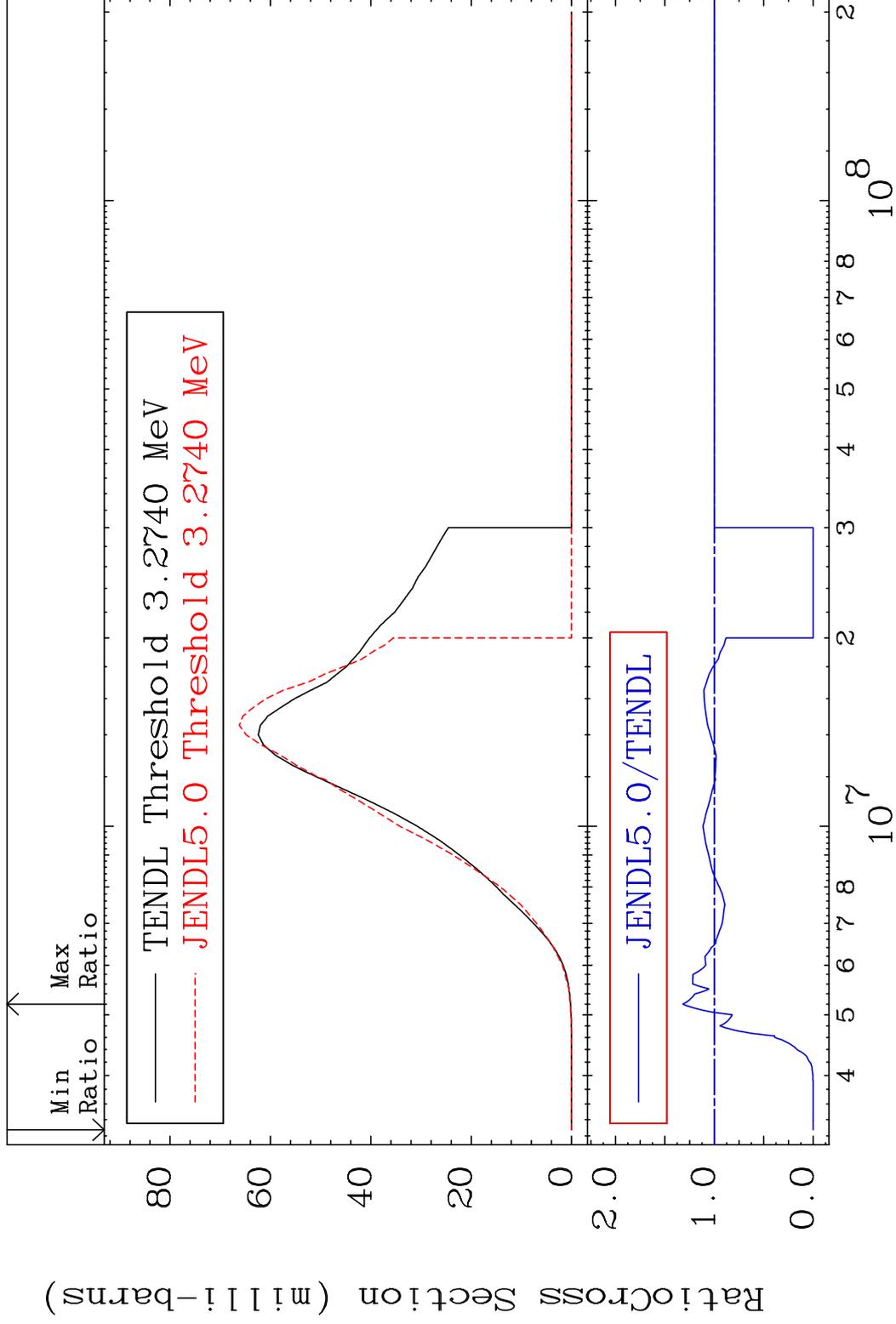
22-Ti-48

MAT 2231

(n, p)

22-Ti-48

Cross Section -100.0 To 31.86 %



25

Incident Energy (eV)

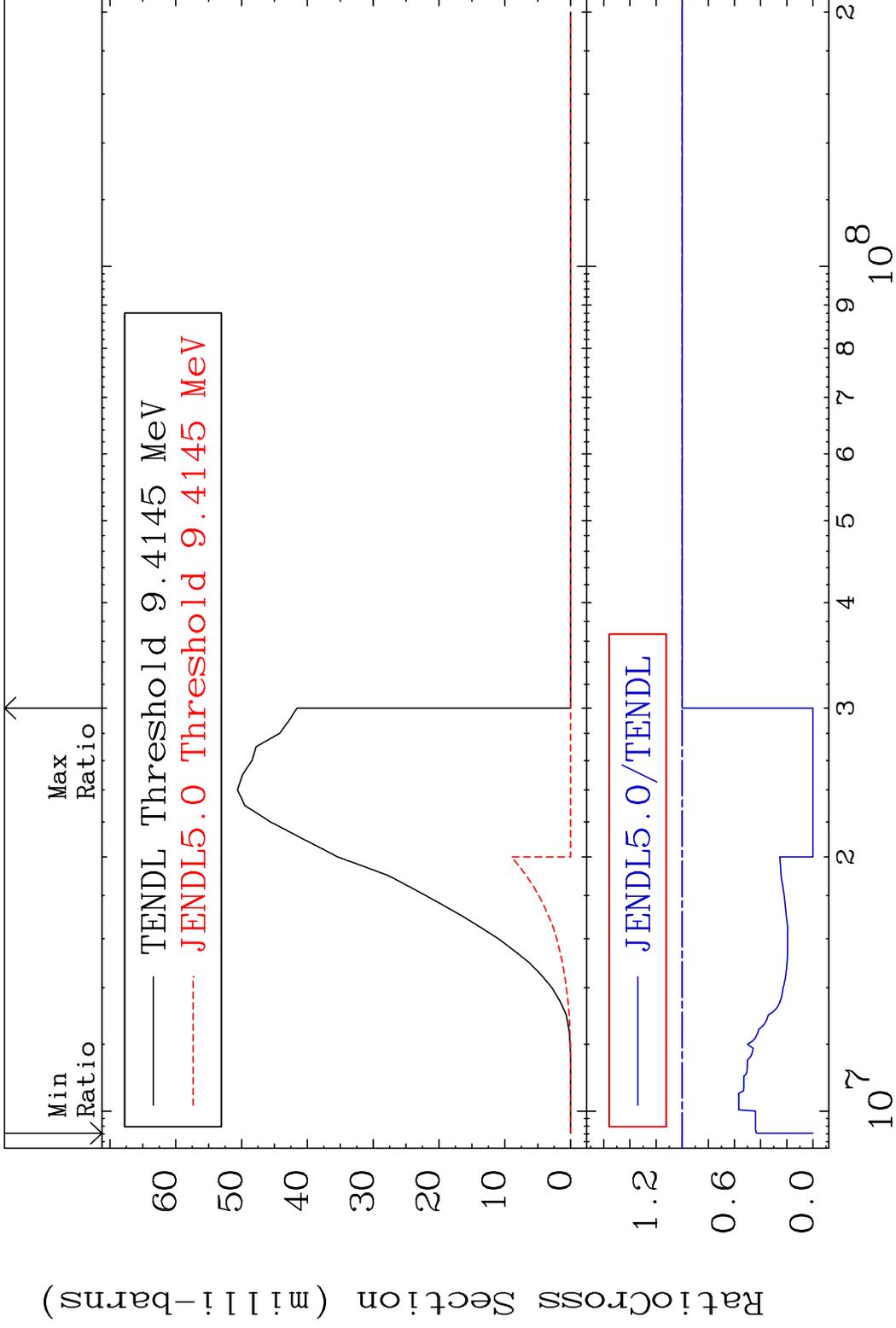
22-Ti-48

MAT 2231

(n, d)

²²Ti-48

Cross Section -100.0 To 0.000 %

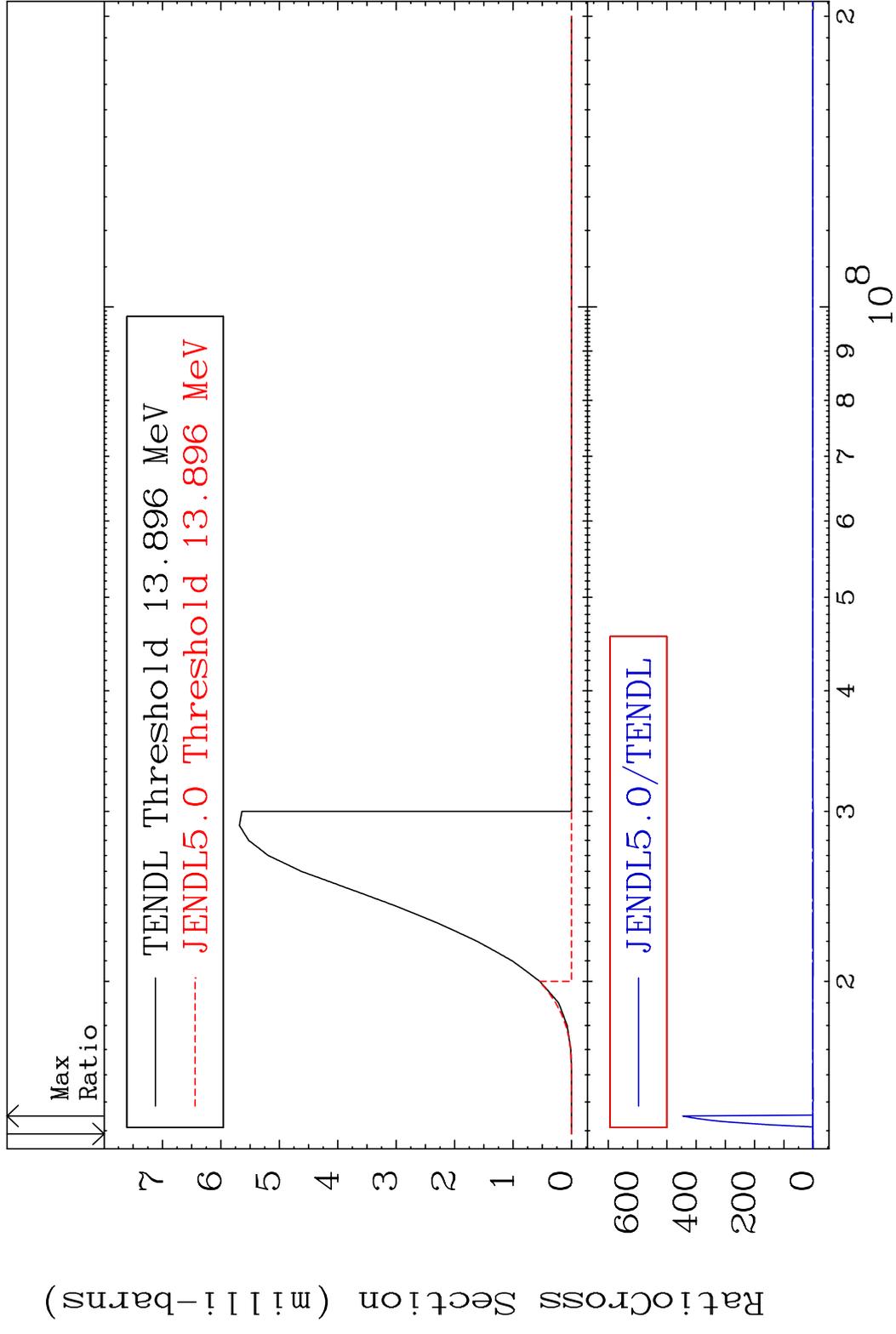


26

Incident Energy (eV)

²²Ti-48

MAT 2231 (n, t) 22-Ti-48
 Cross Section -100.0 To 9999. %

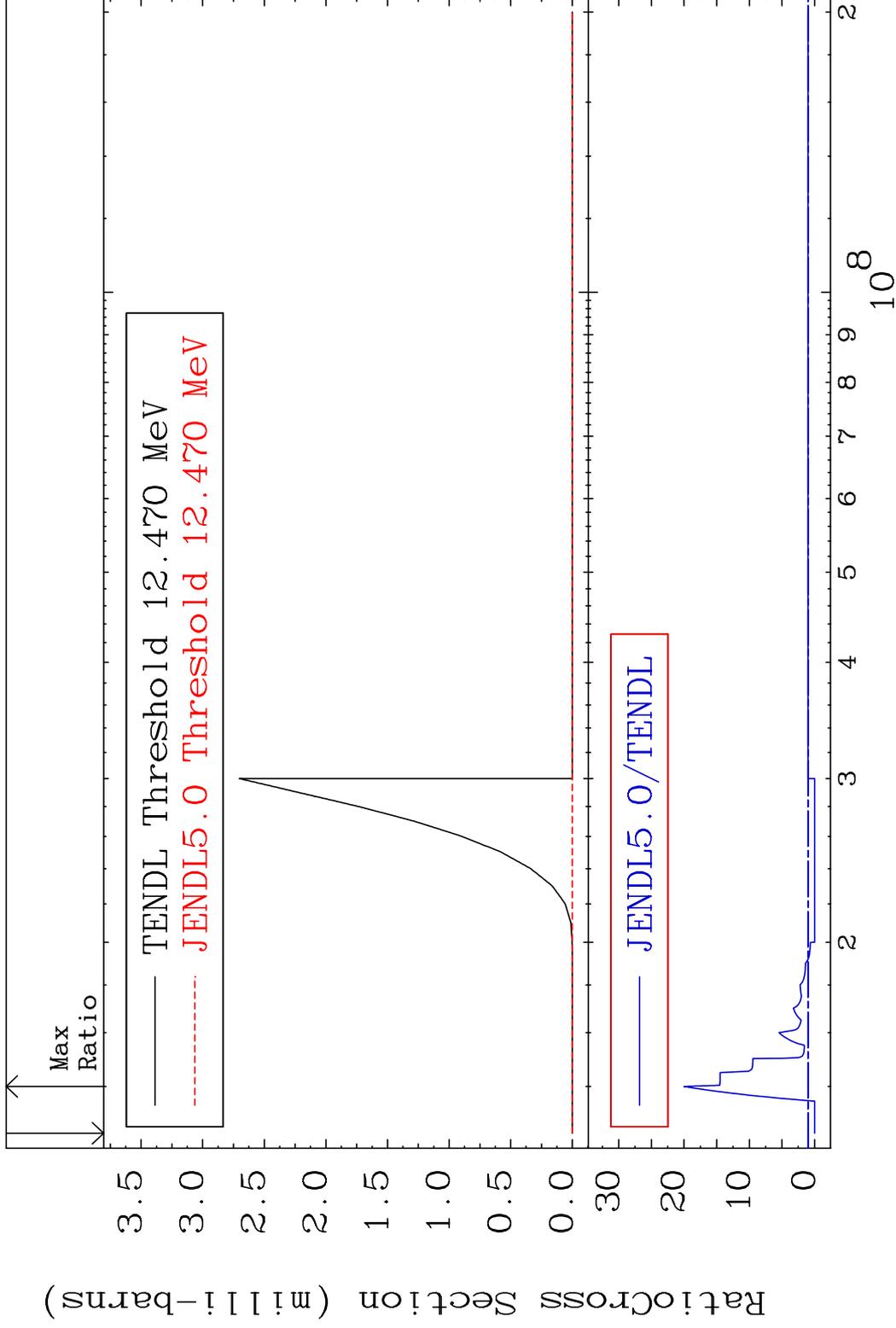


MAT 2231

(n, He-3)

²²Ti-48

Cross Section -100.0 To 1901. %

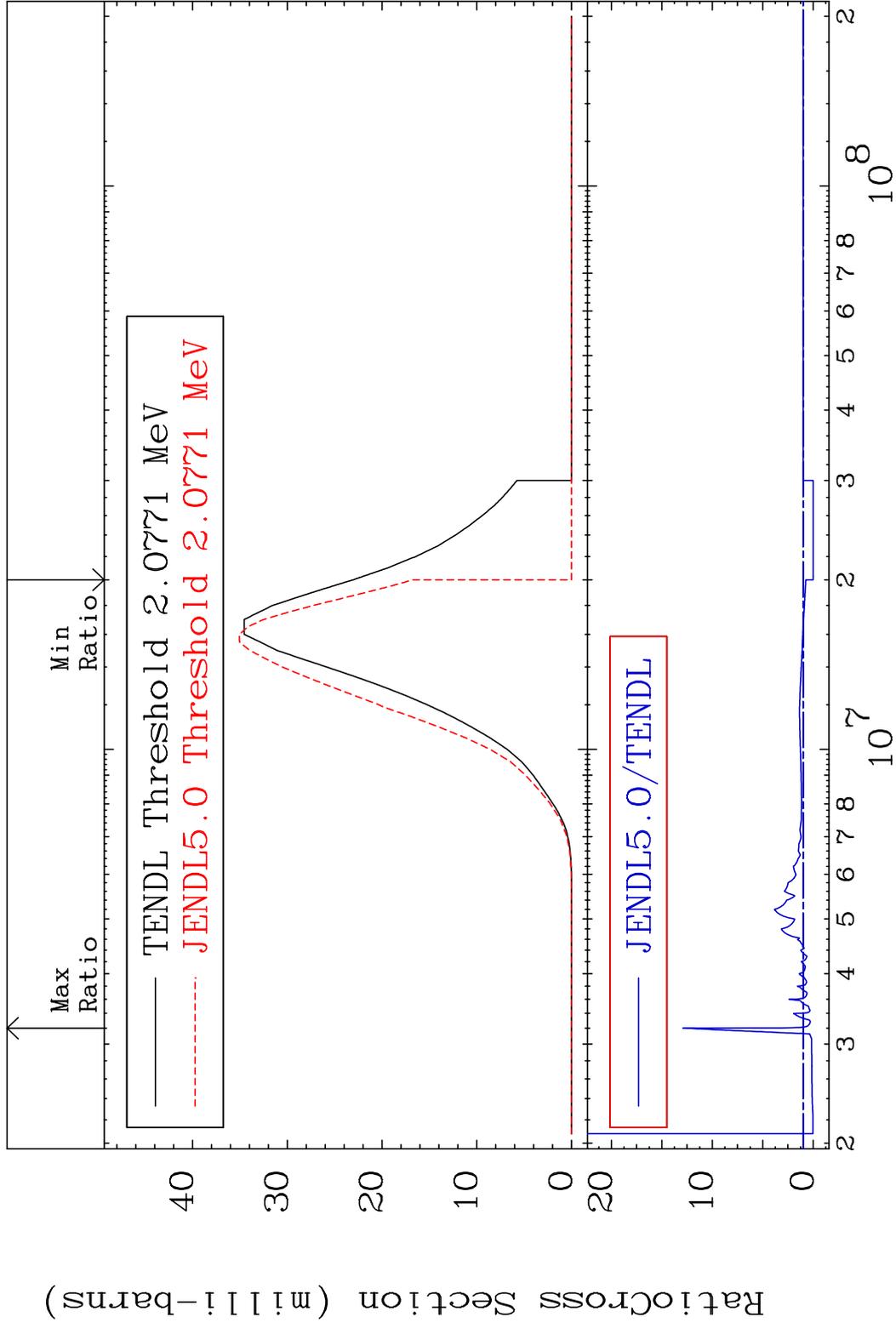


28

Incident Energy (eV)

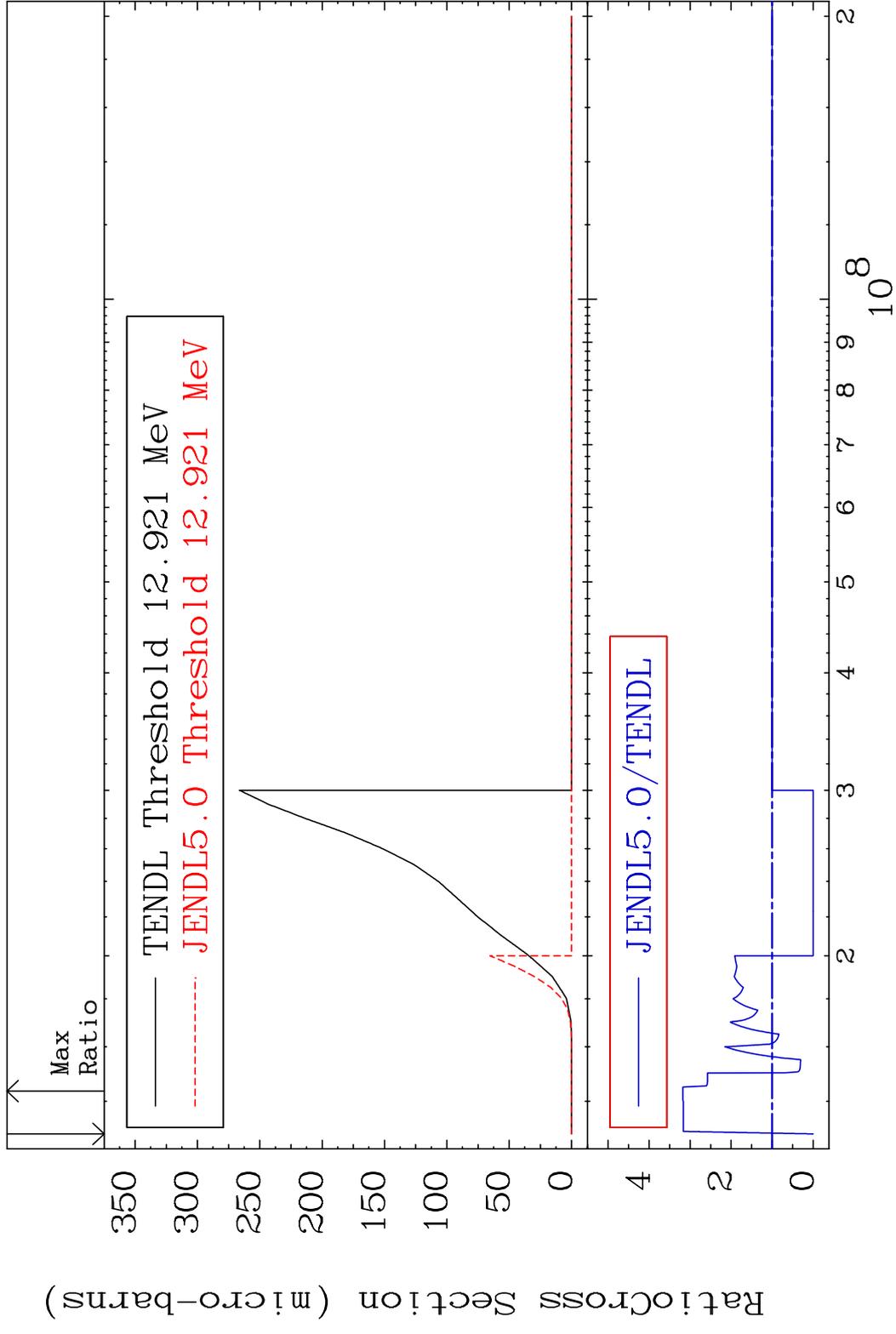
²²Ti-48

MAT 2231 (n, α) 22-Ti-48
 Cross Section -100.0 To 1192. %



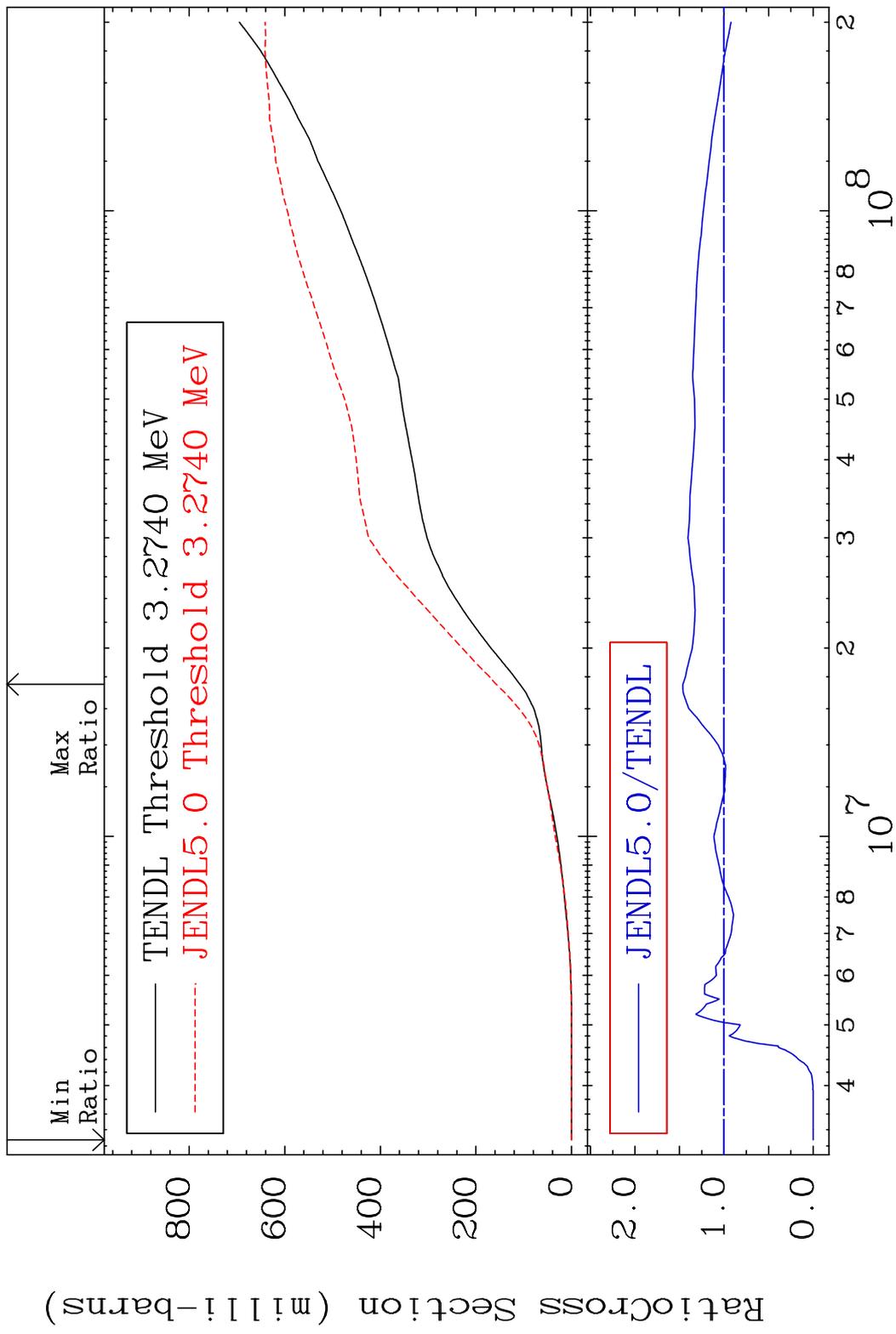
29 22-Ti-48

MAT 2231 (n,2p) 22-Ti-48
 Cross Section -100.0 To 217.7 %

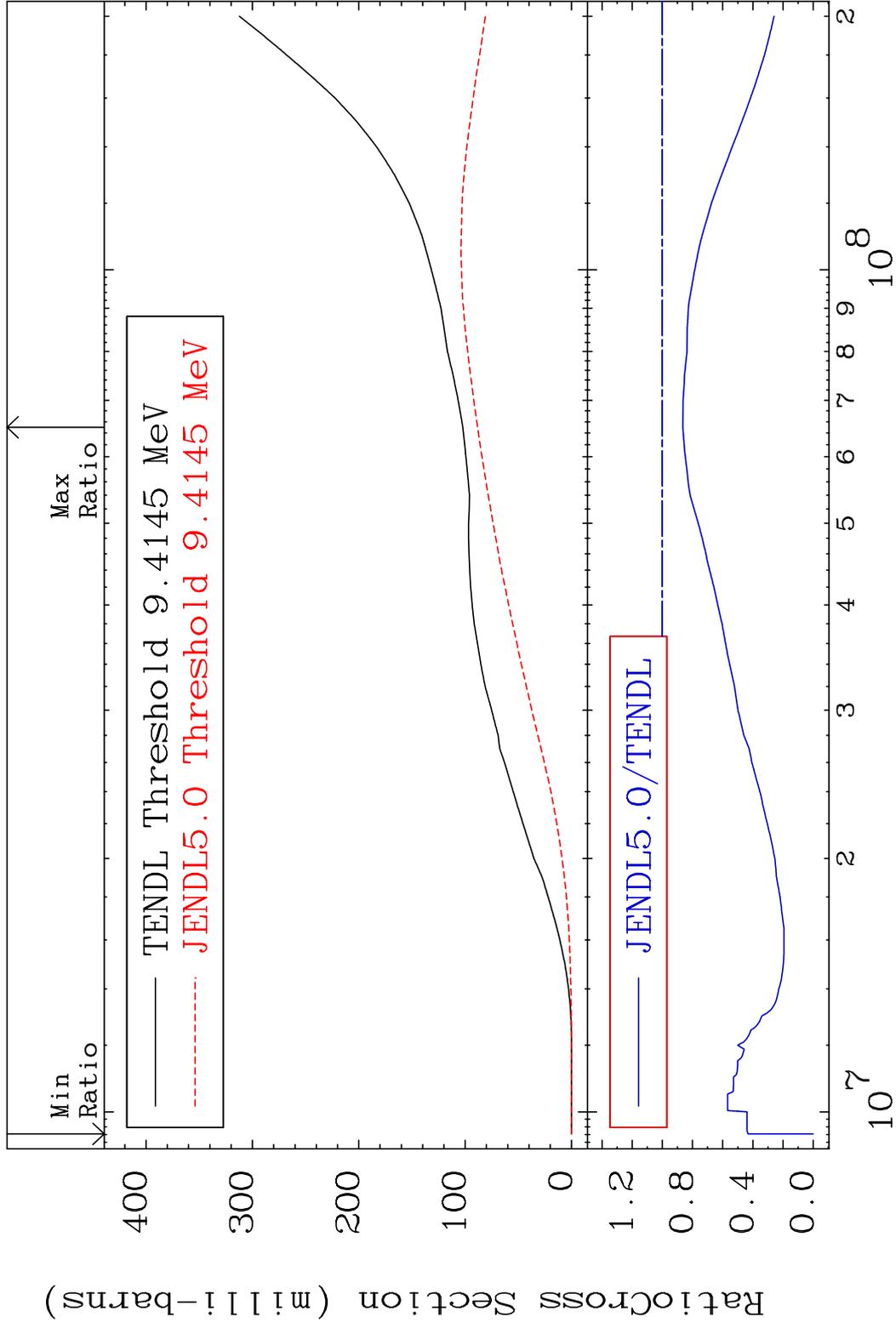


30 Incident Energy (eV) 22-Ti-48

MAT 2231 Hydrogen Production $^{22}\text{Ti-48}$
 Cross Section -100.0 To 46.27 %

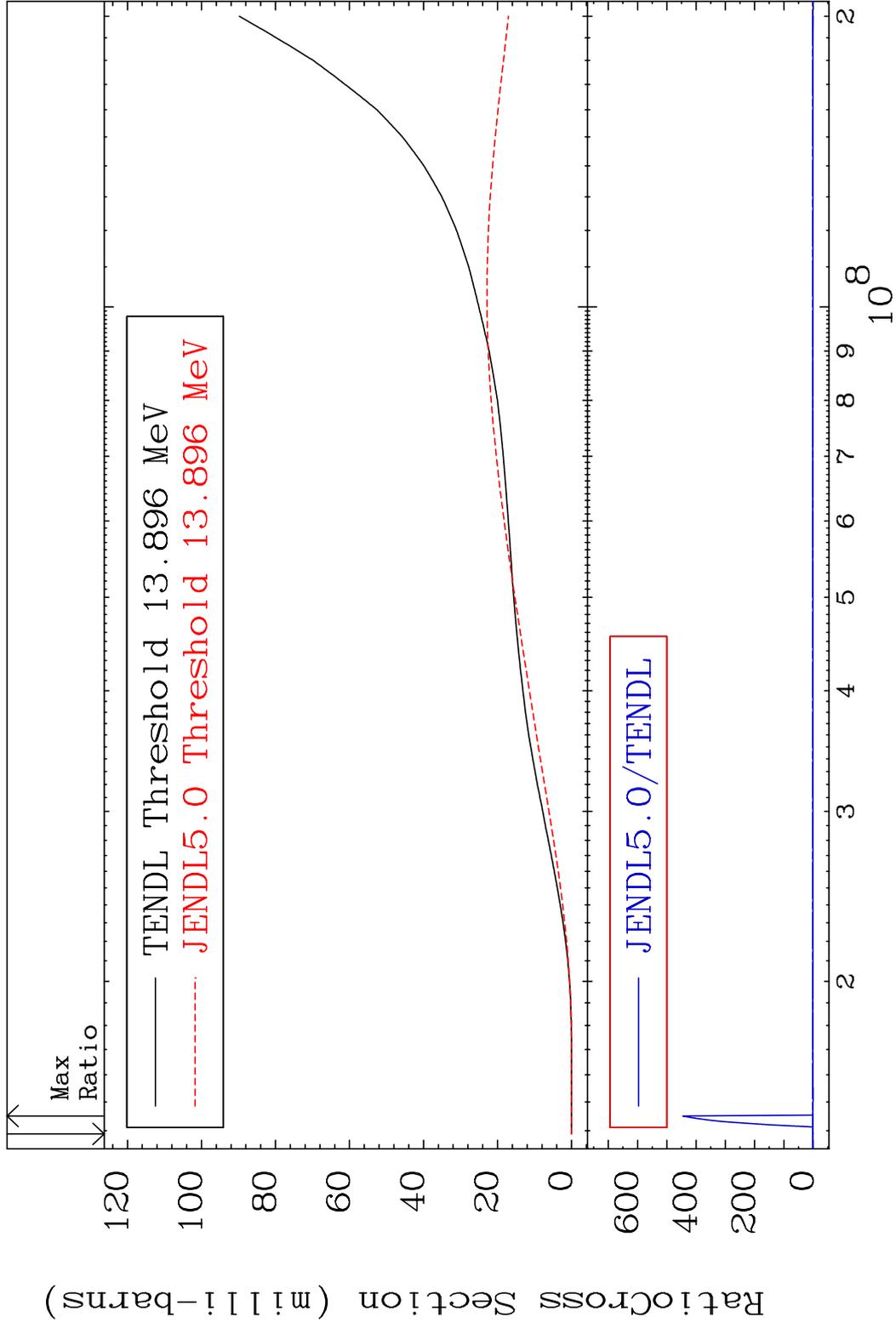


MAT 2231 Deuterium Production $^{22}\text{Ti-48}$
 Cross Section -100.0 To -13.56%

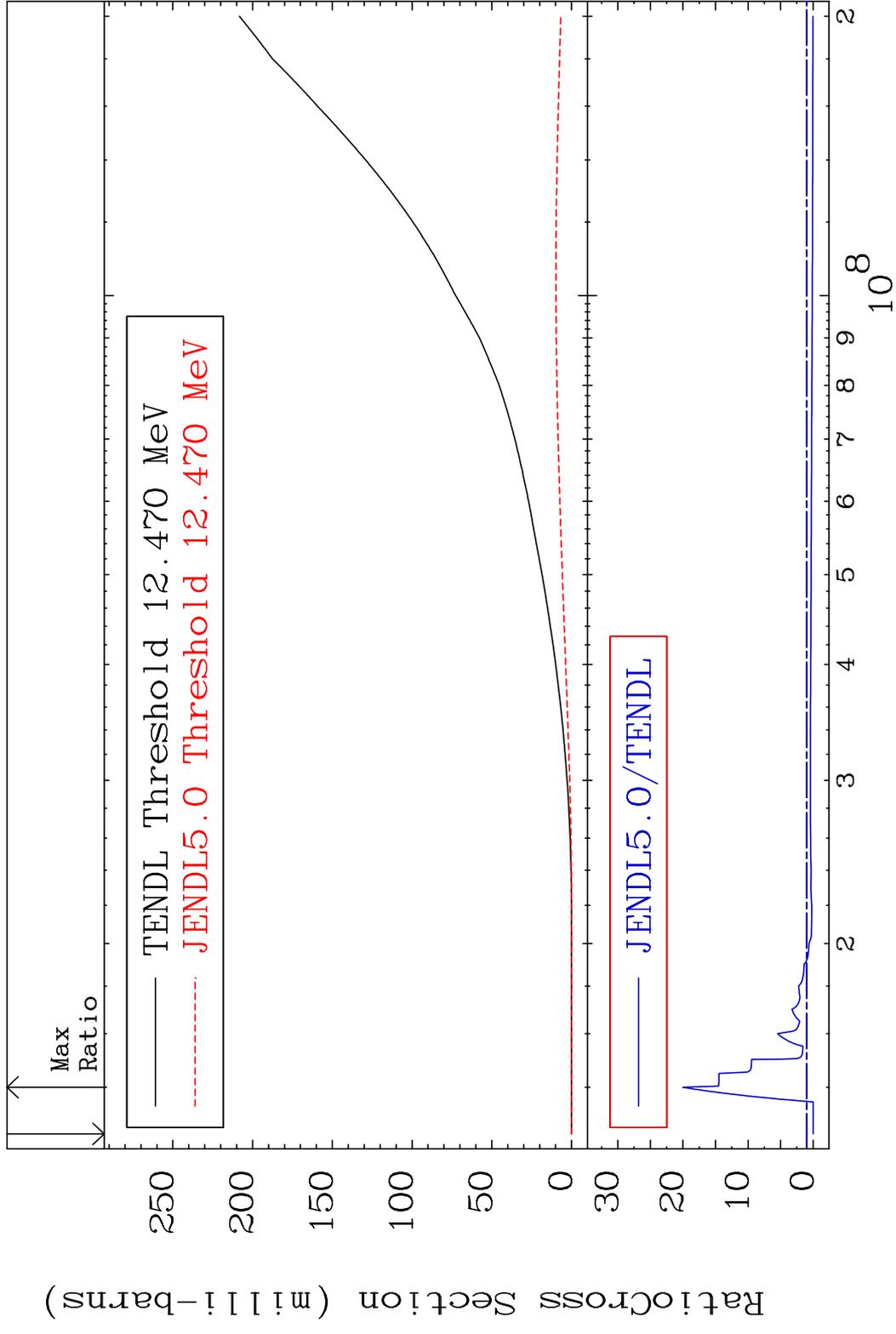


32 $^{22}\text{Ti-48}$

MAT 2231 Tritium Production 22-Ti-48
 Cross Section -100.0 To 9999. %



MAT 2231 He-3 Production ²²Ti-48
 Cross Section -100.0 To 1901. %

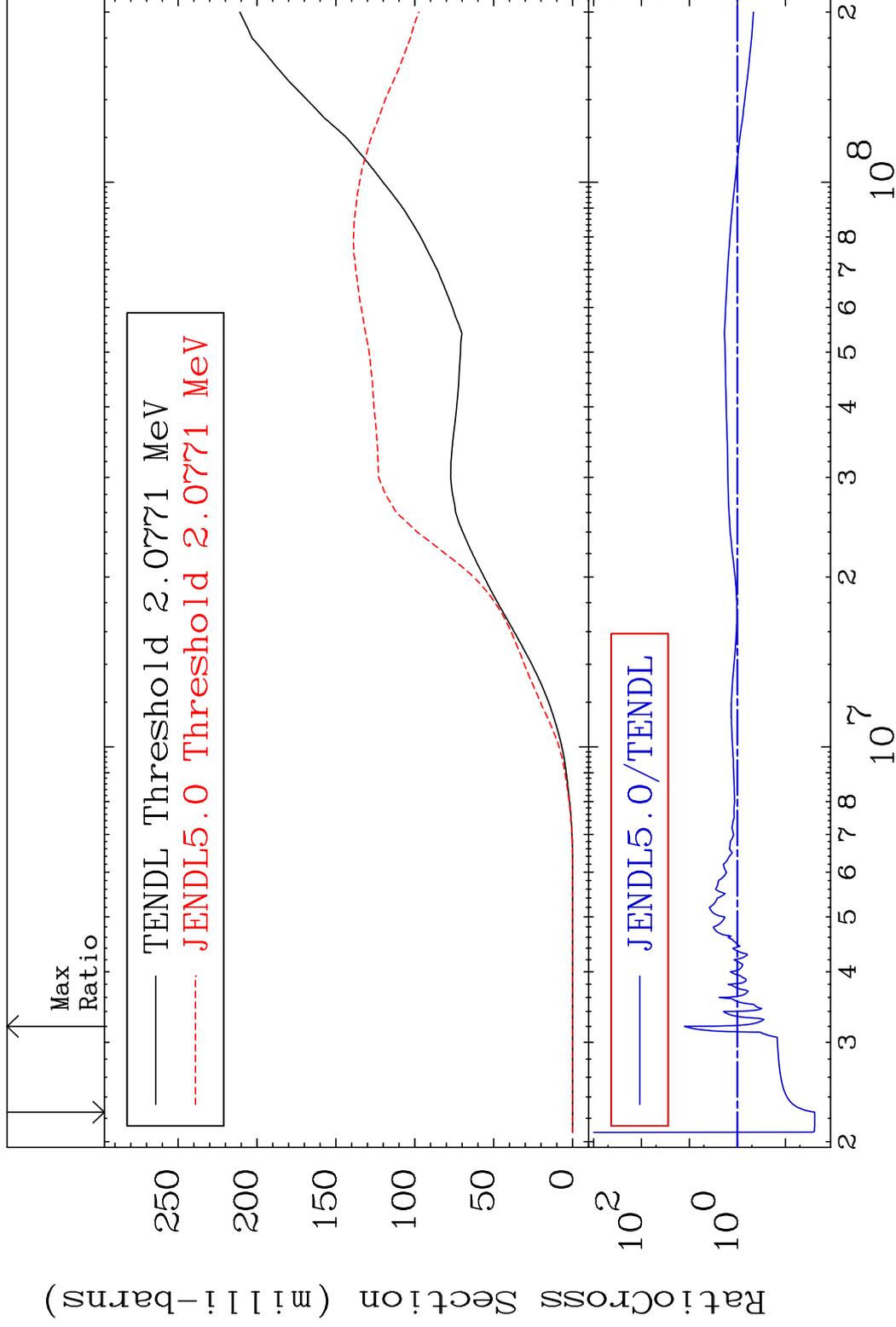


MAT 2231

He-4 Production

22-Ti-48

Cross Section -97.55 To 1192. %

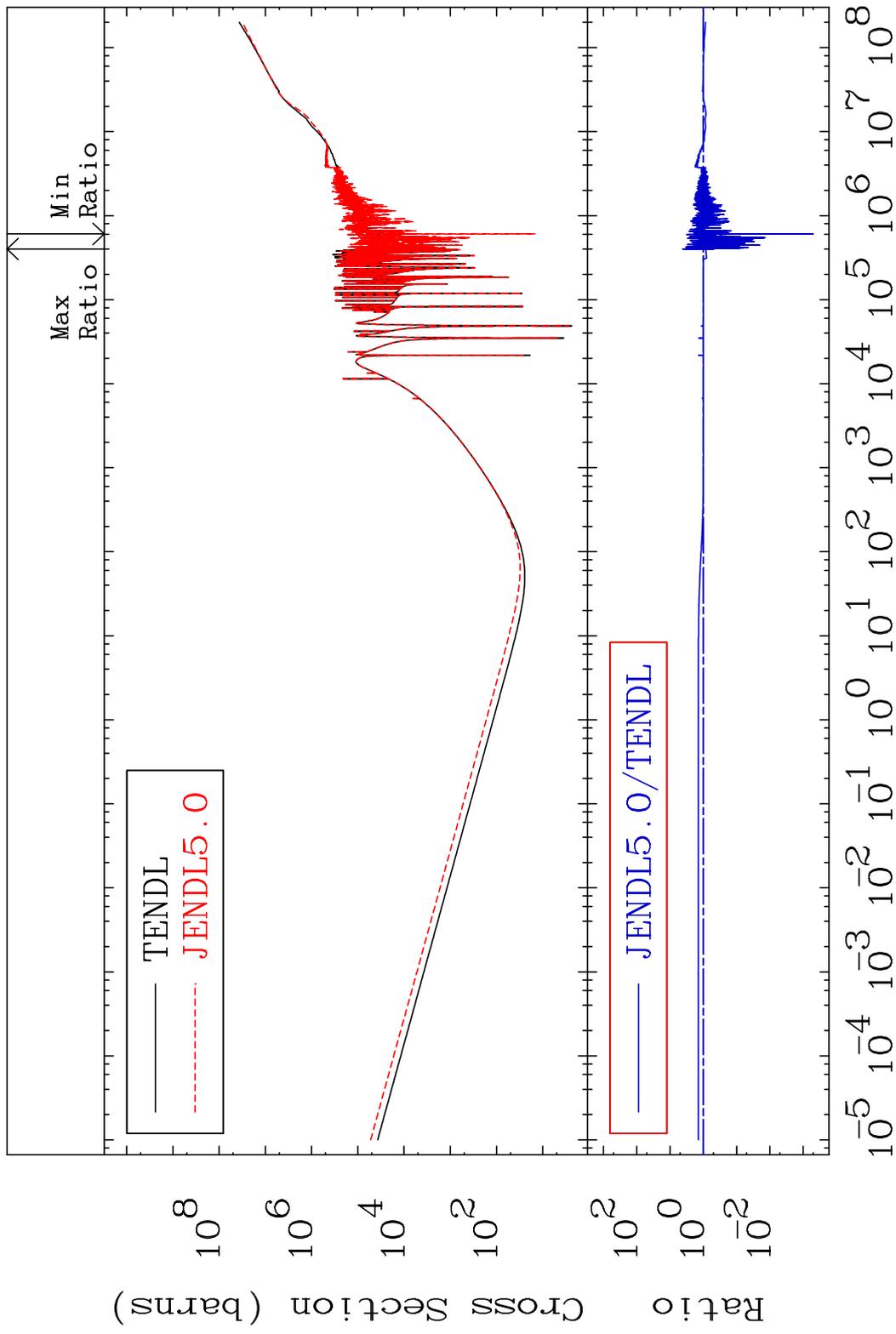


35

Incident Energy (eV)

22-Ti-48

MAT 2231 Kerma total (eV-barns) 22-Ti-48
 Cross Section -99.95 To 313.7 %

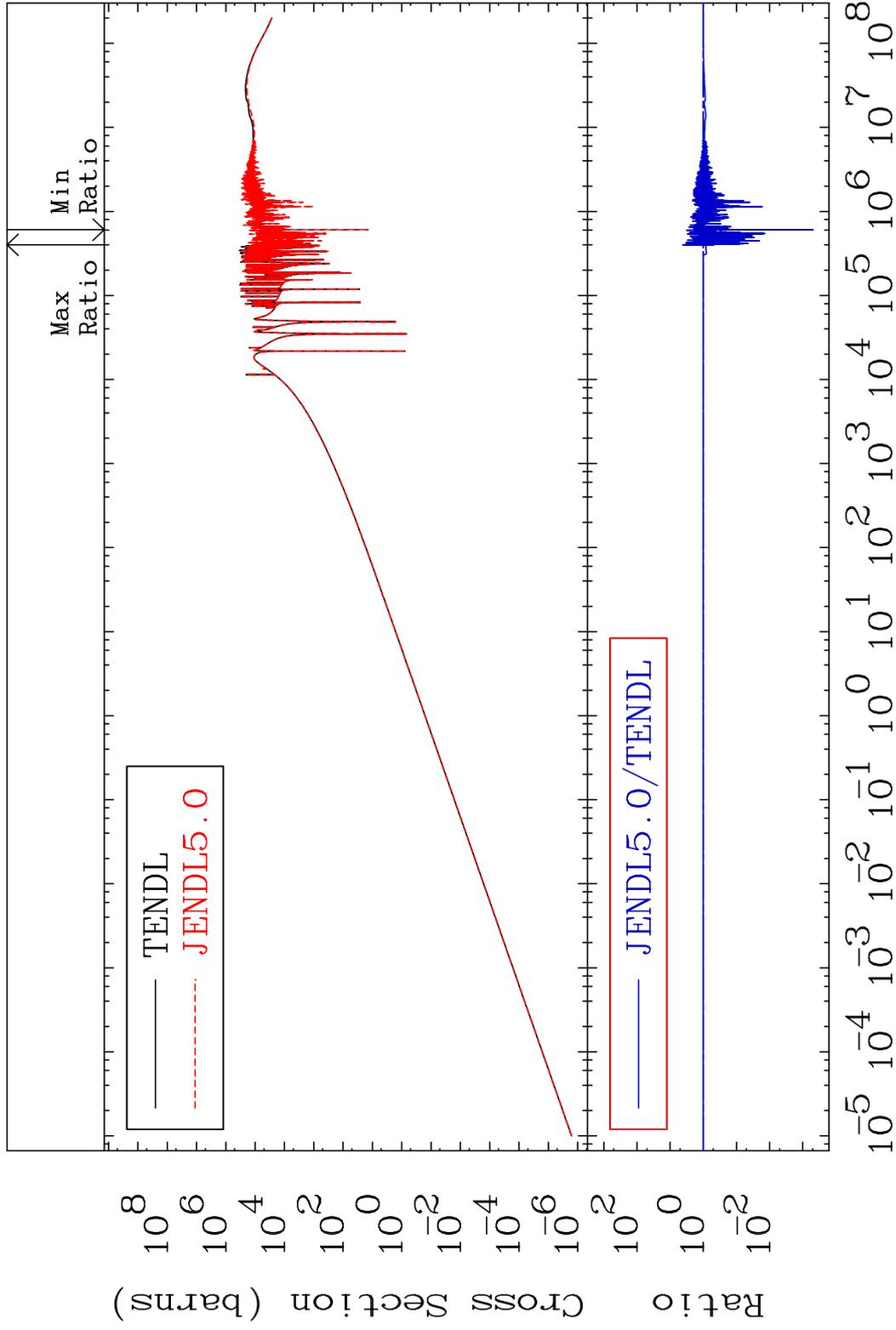


36 Incident Energy (eV) 22-Ti-48

MAT 2231

Kerma elastic
Cross Section

22-Ti-48
-99.95 To 313.7 %

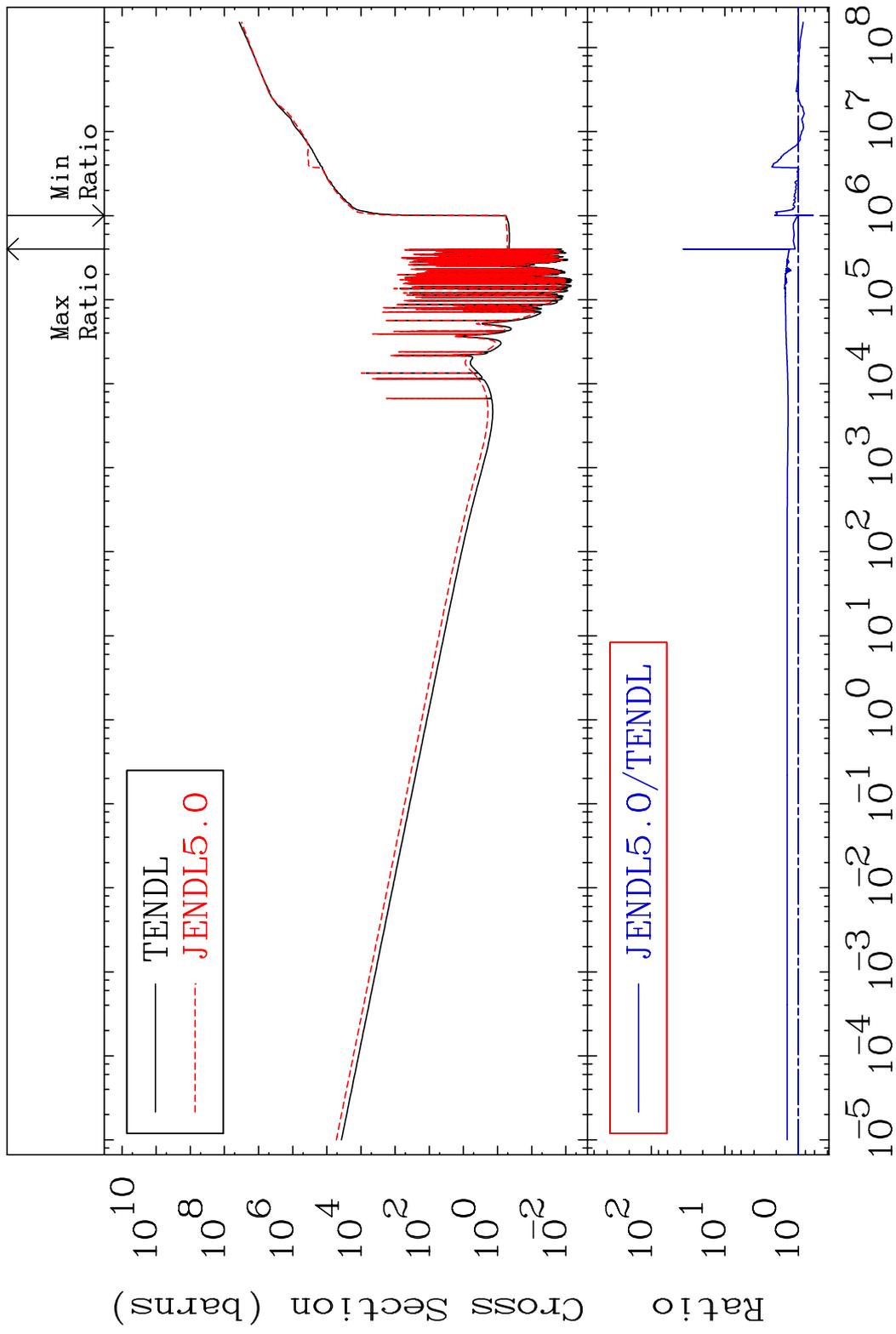


37

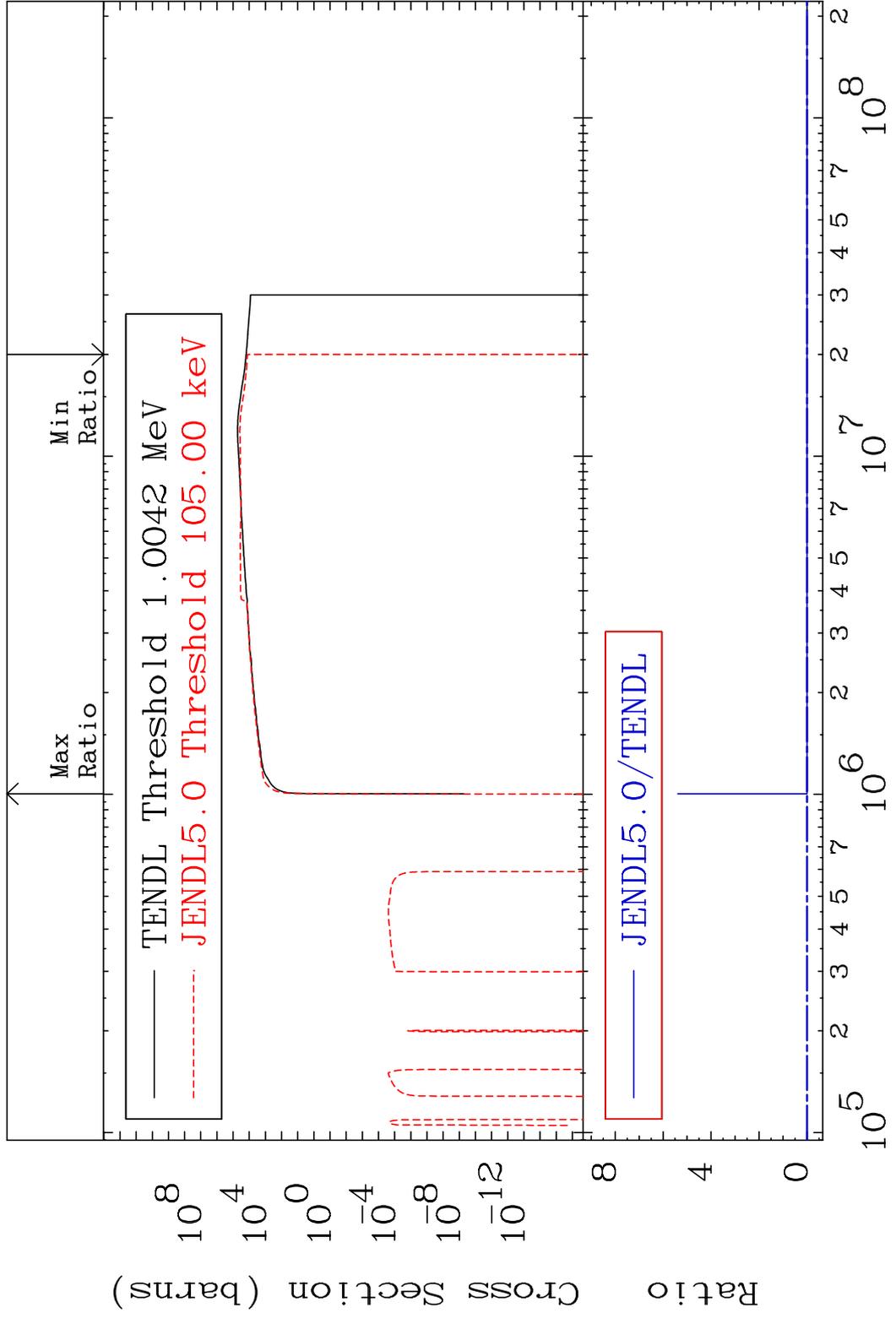
Incident Energy (eV)

22-Ti-48

MAT 2231 Kerma non-elastic (all but mt2) 22-Ti-48
 Cross Section -37.21 To 3626. %

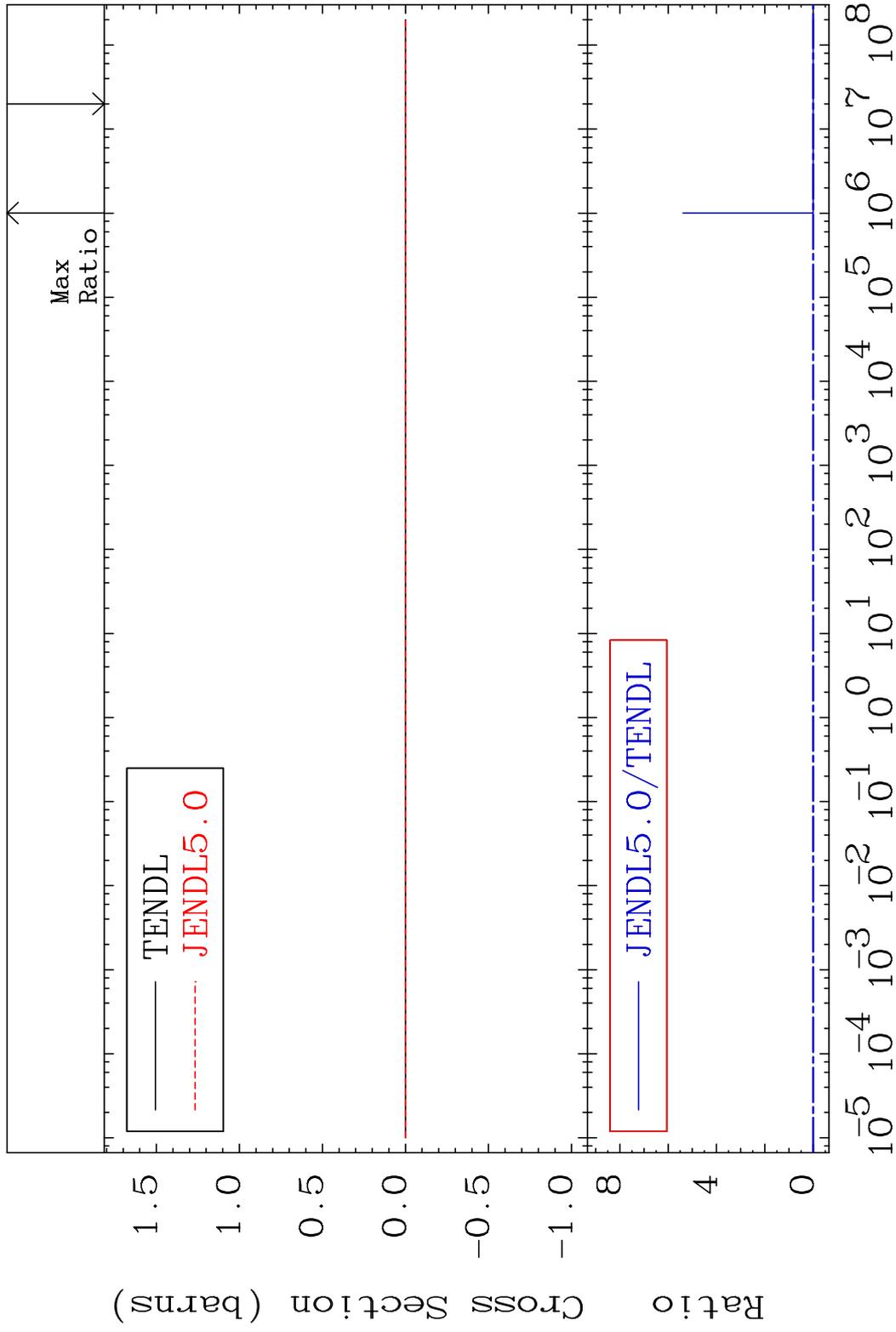


MAT 2231 Kerma inelastic (mt51-91) 22-Ti-48
 Cross Section -100.0 To 9999. %



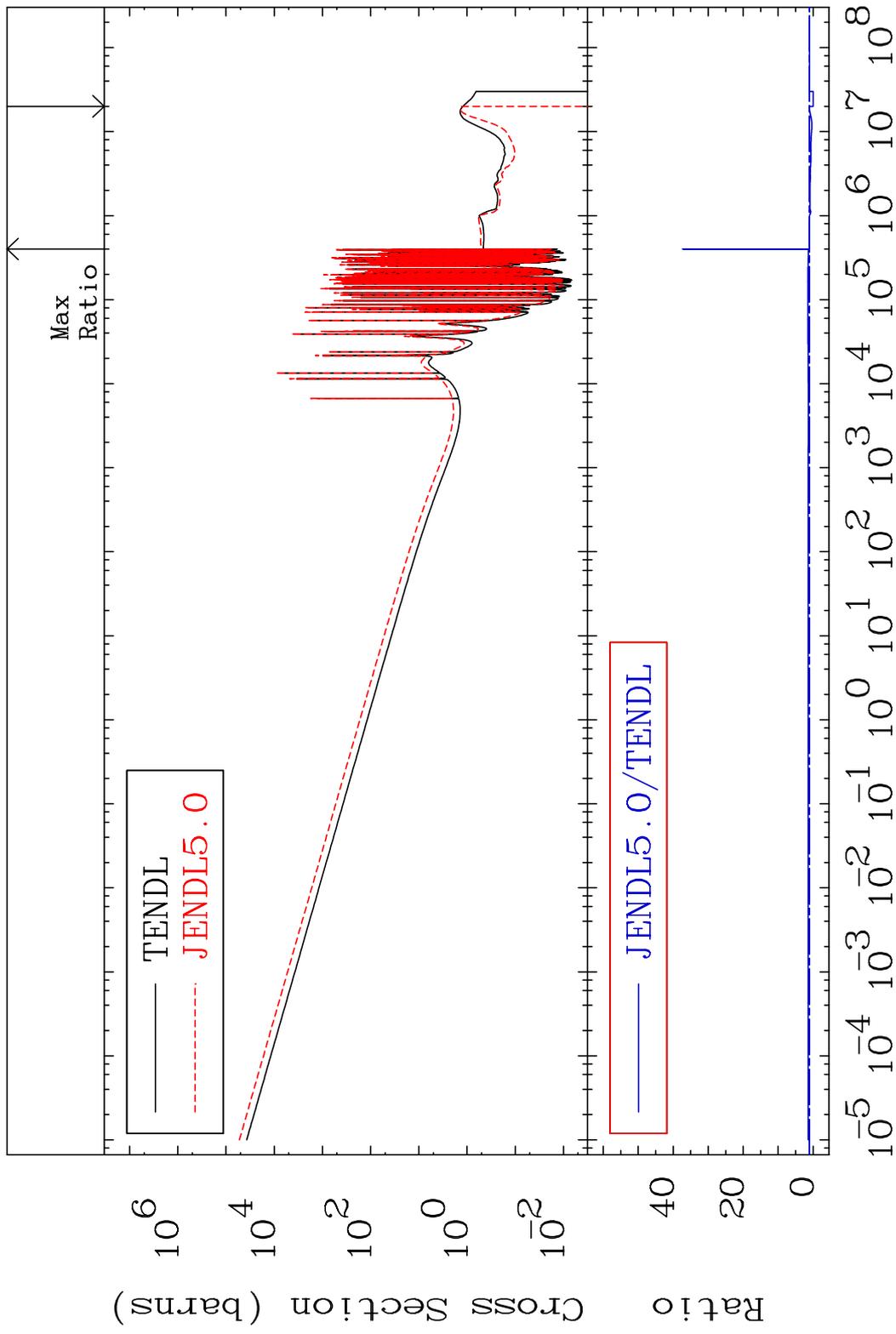
39 Incident Energy (eV) 22-Ti-48

MAT 2231 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-48
 Cross Section -100.0 To 9999. %



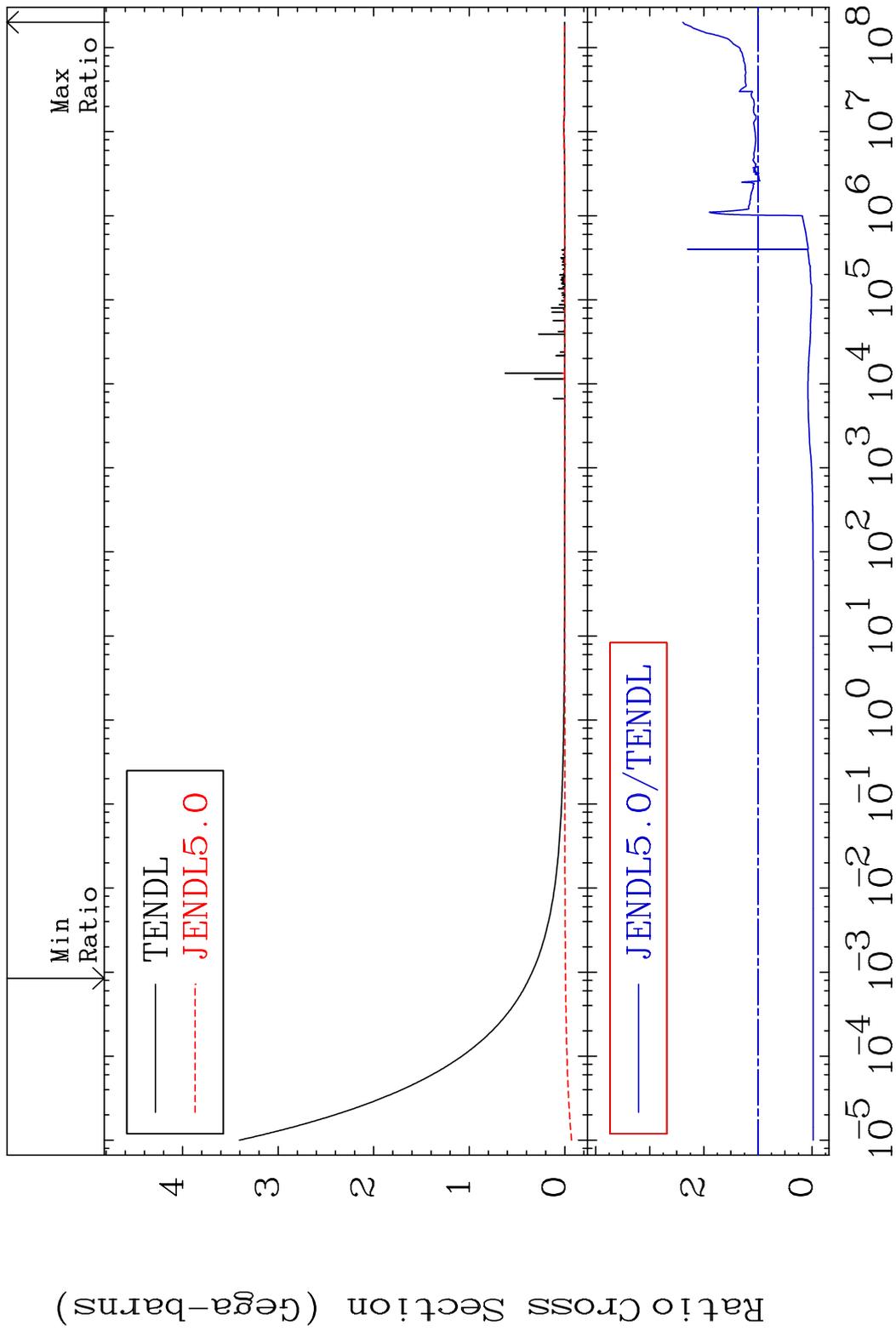
40 Incident Energy (eV) 22-Ti-48

MAT 2231 Kerma capture (mt102) 22-Ti-48
Cross Section -100.0 To 3625. %

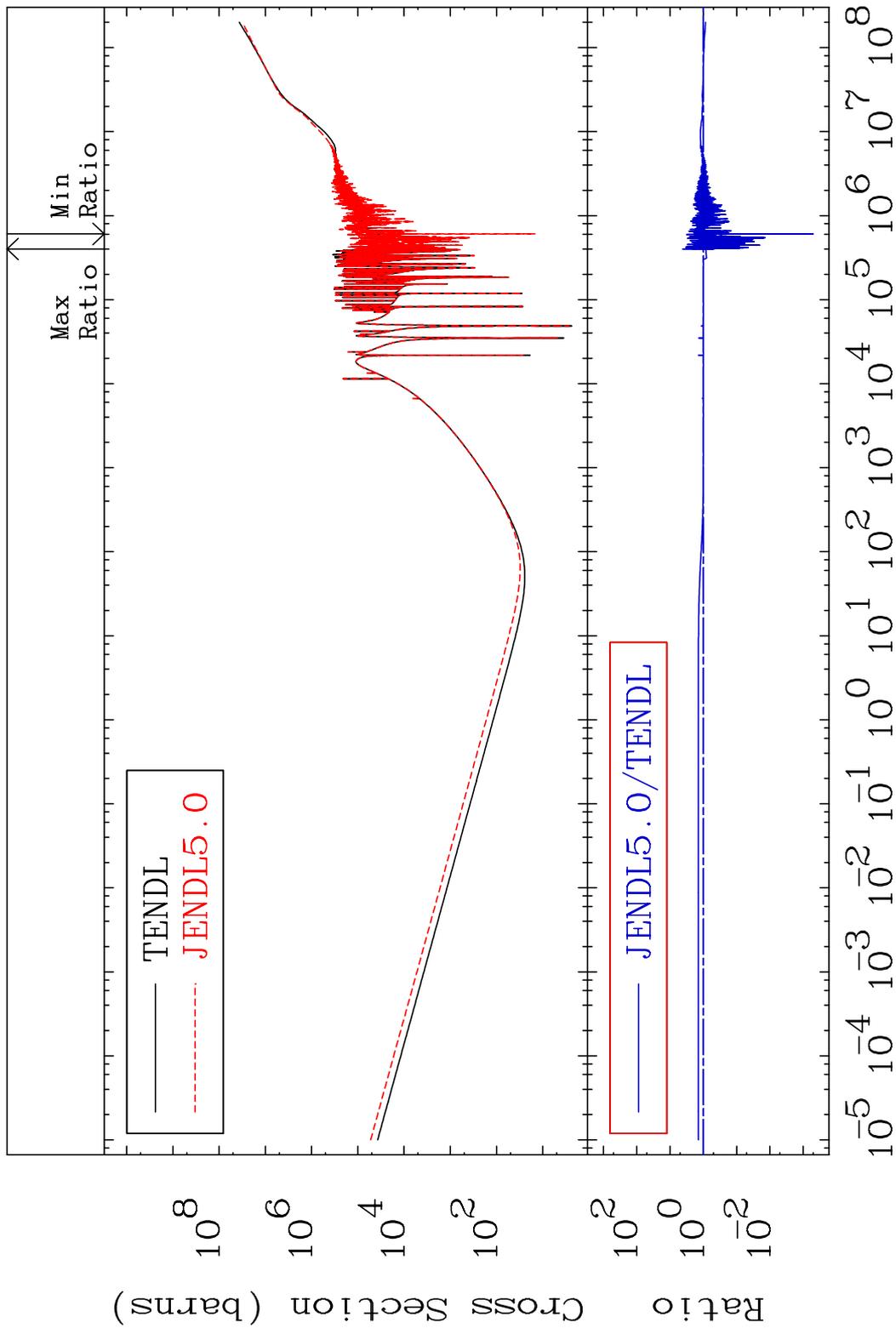


41 Incident Energy (eV) 22-Ti-48

MAT 2231 Total photon (eV-barns) 22-Ti-48
Cross Section -102.1 To 138.8 %



MAT 2231 Total kinematic kerma (high limit) 22-Ti-48
 Cross Section -99.95 To 313.7 %

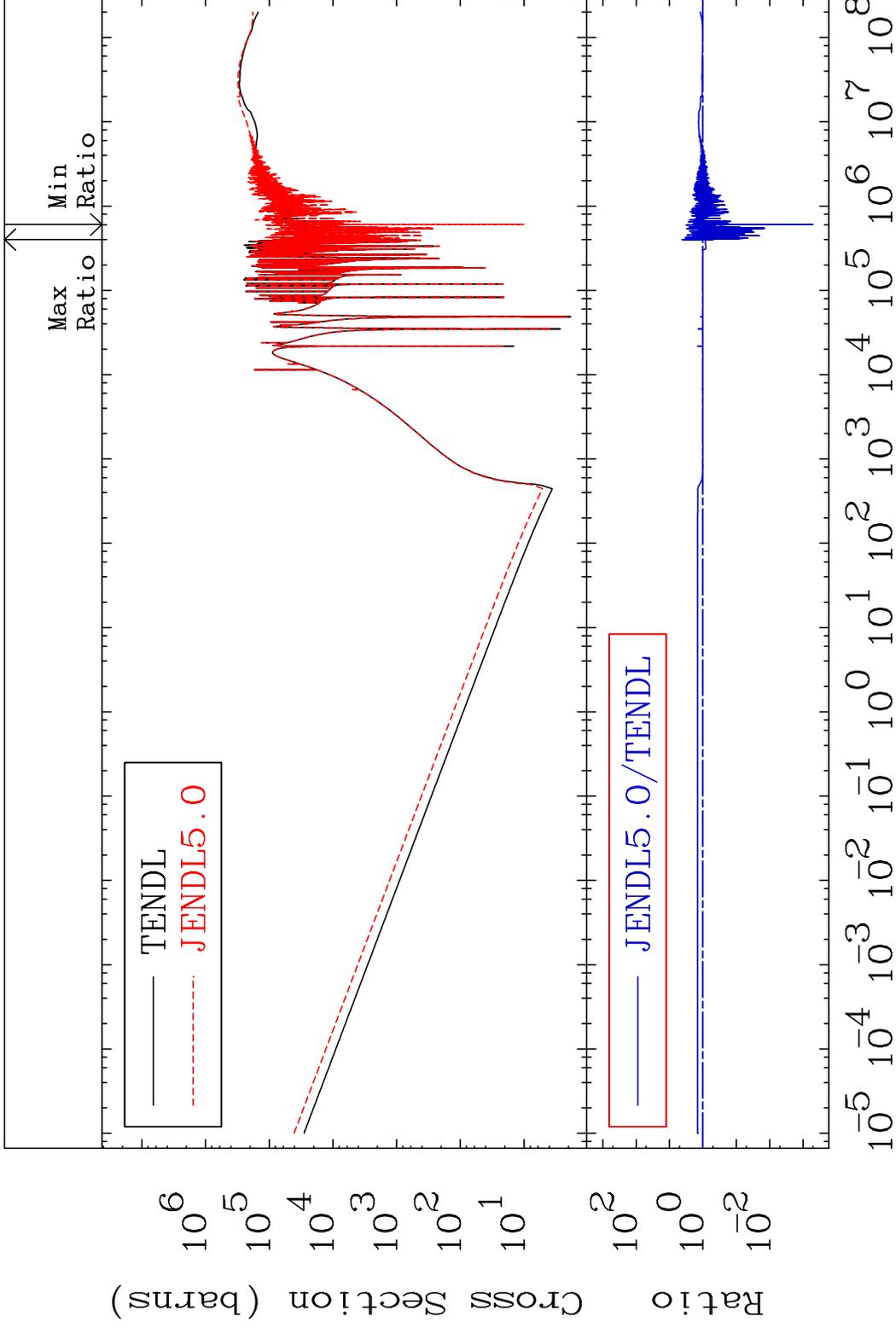


MAT 2231

Dpa total (eV-barns)

22-Ti-48

Cross Section -99.95 To 316.3 %



44

Incident Energy (eV)

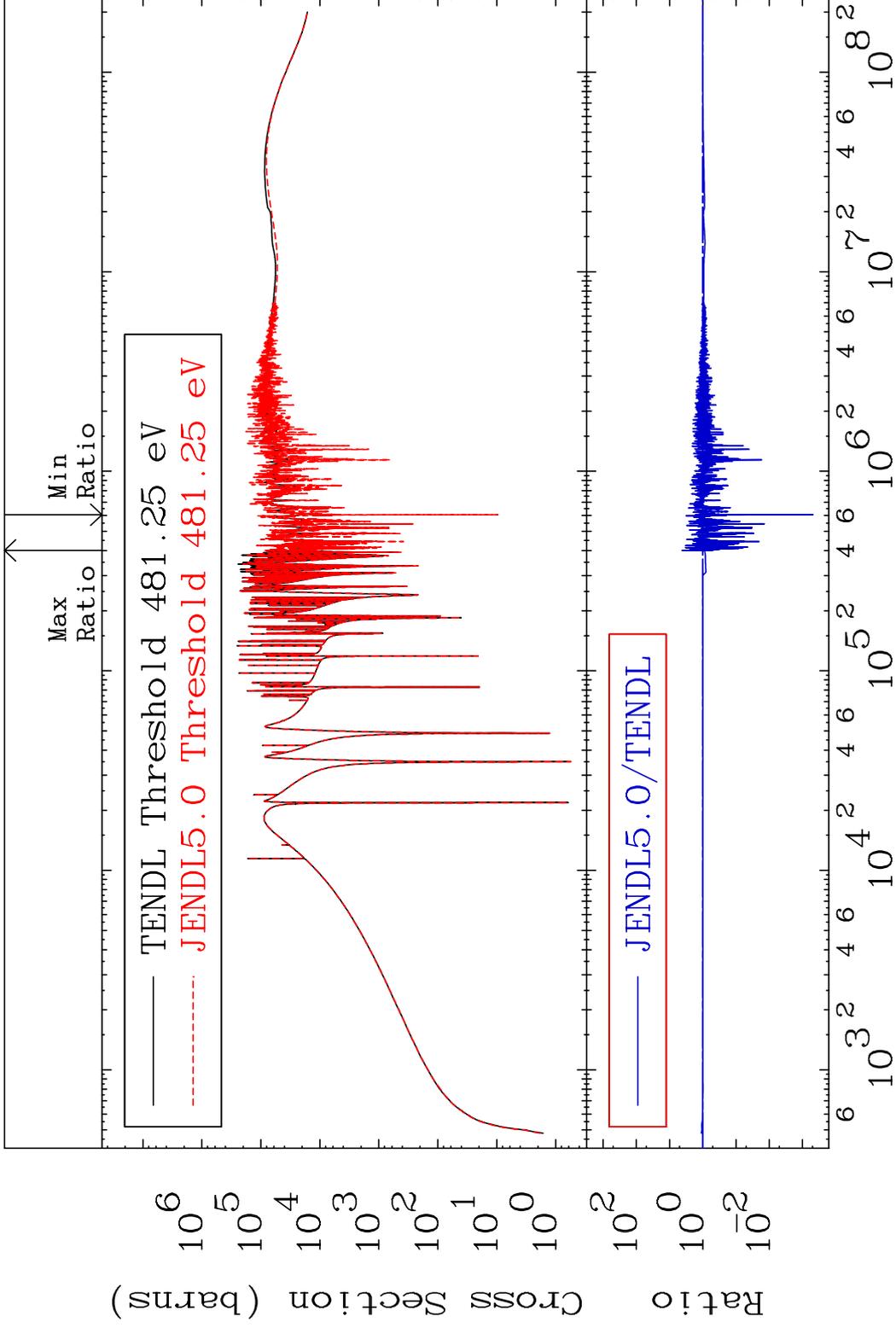
22-Ti-48

MAT 2231

Dpa elastic (mt2)

22-Ti-48

Cross Section -99.95 To 316.3 %

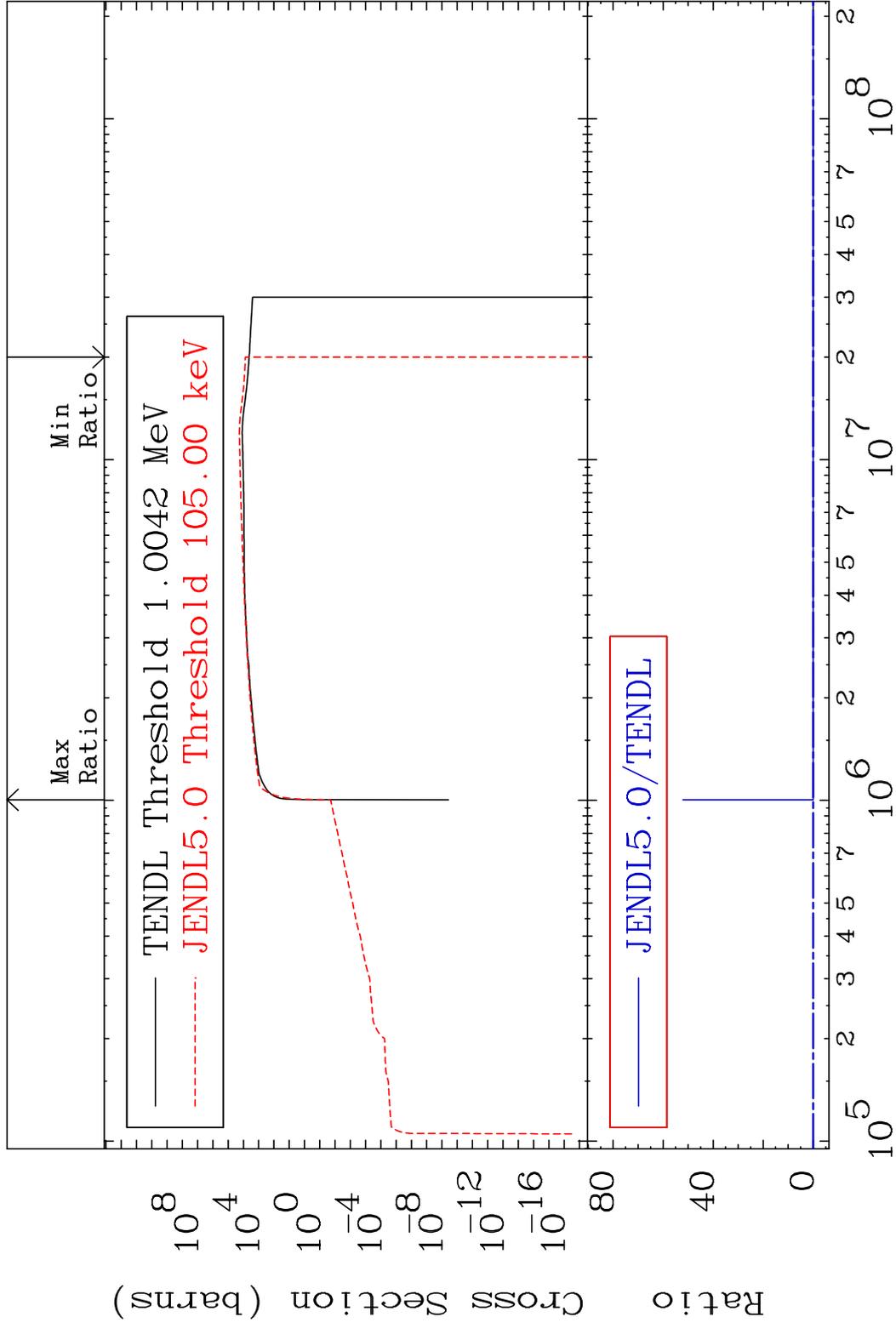


45

Incident Energy (eV)

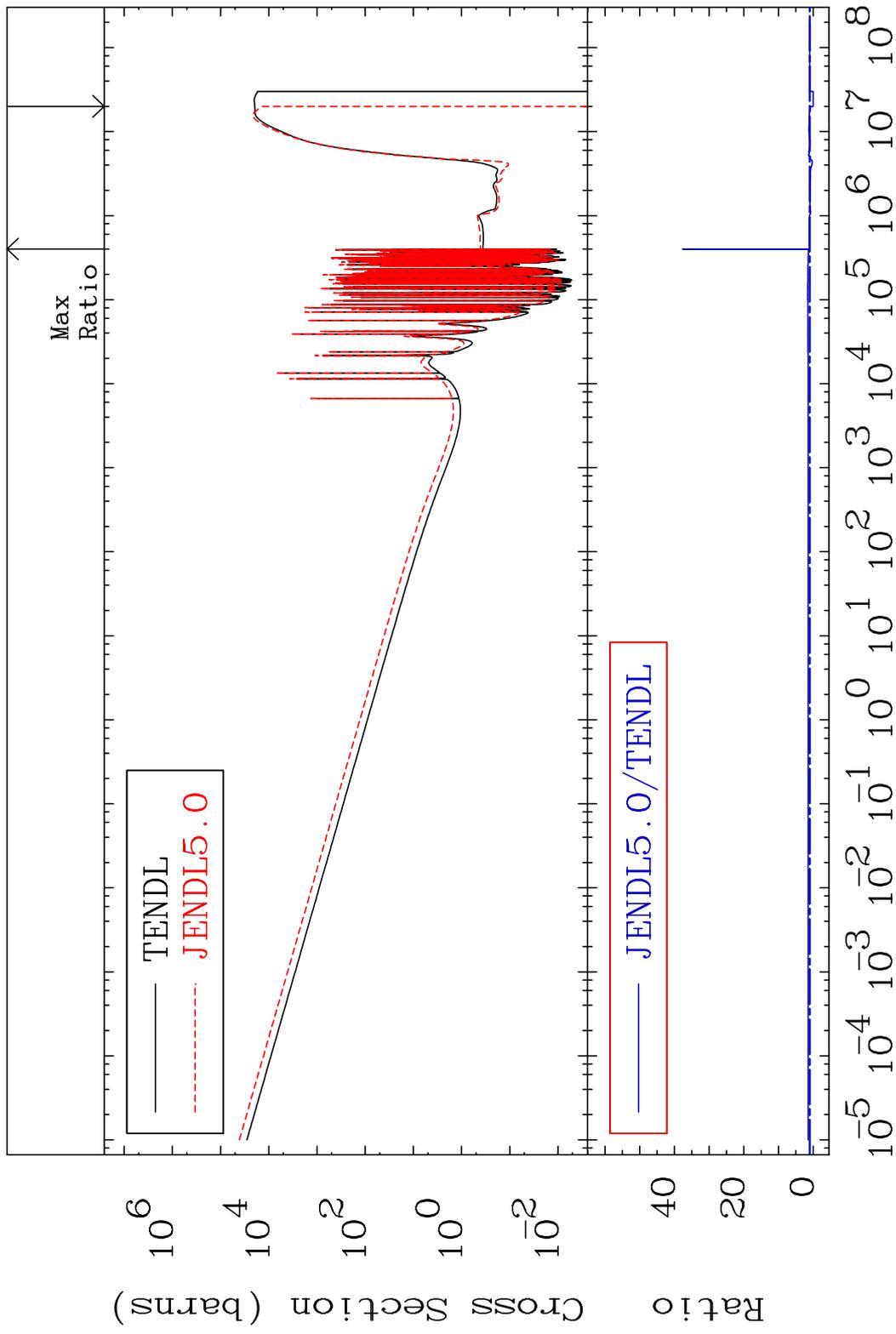
22-Ti-48

MAT 2231 Dpa inelastic (mt51-91) 22-Ti-48
 Cross Section -100.0 To 9999. %

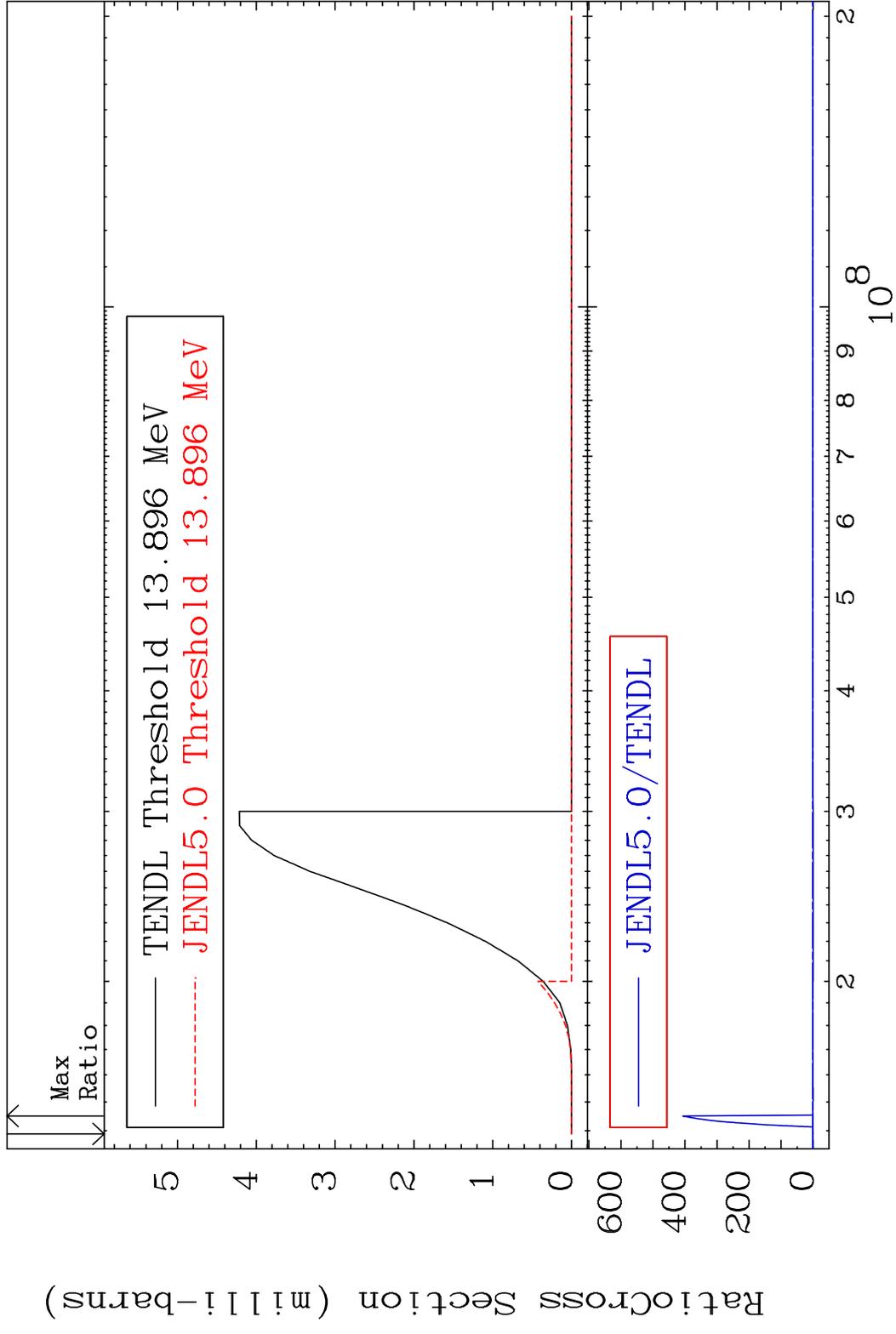


46 Incident Energy (eV) 22-Ti-48

MAT 2231 Dpa disappearance (mt102 -120) 22-Ti-48
Cross Section -100.0 To 3657. %

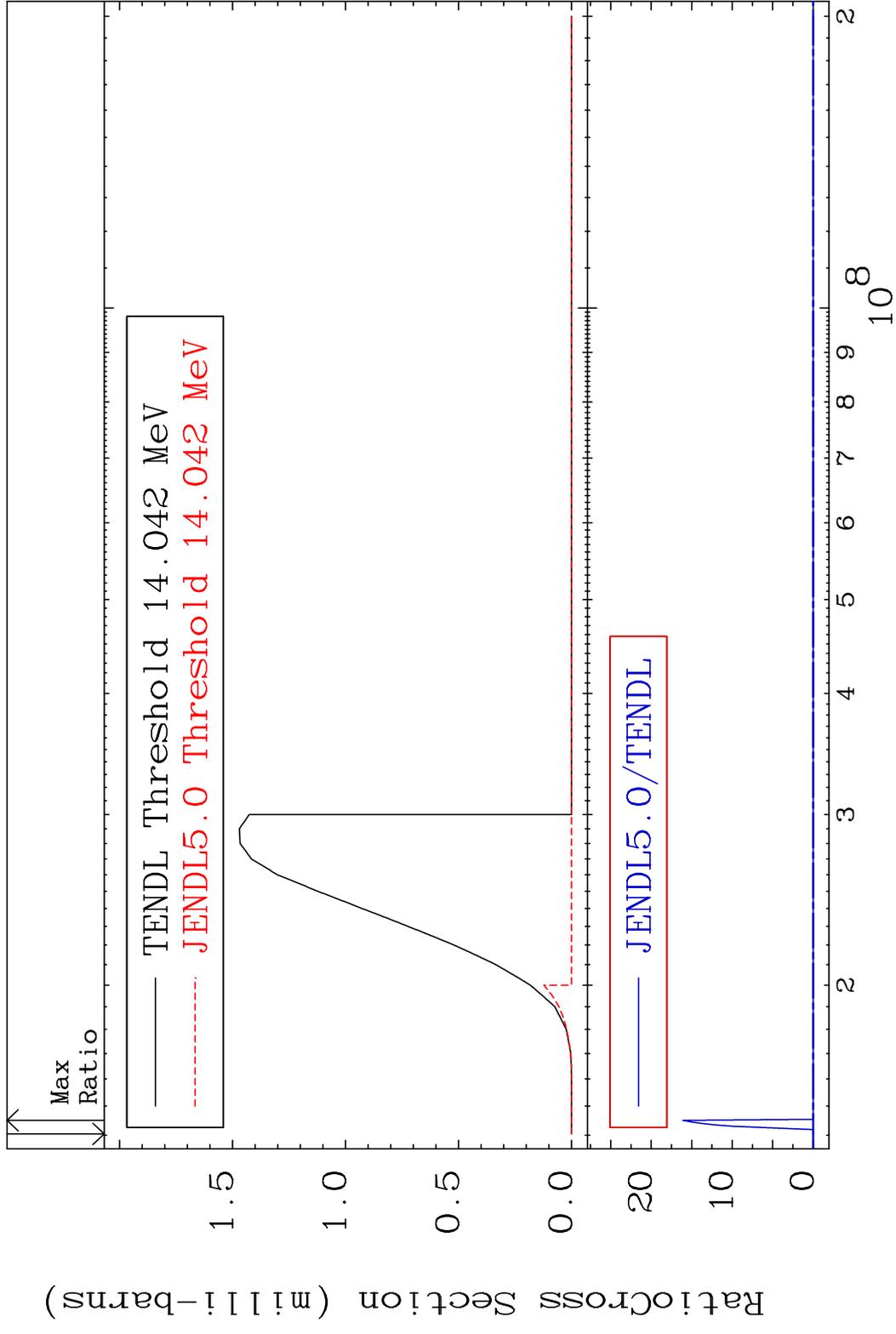


MAT 2231 (n, t):21-Sc-46g 22-Ti-48
 Radionuclide Production Cross Section Ratio 9999. %



48 Incident Energy (eV) 22-Ti-48

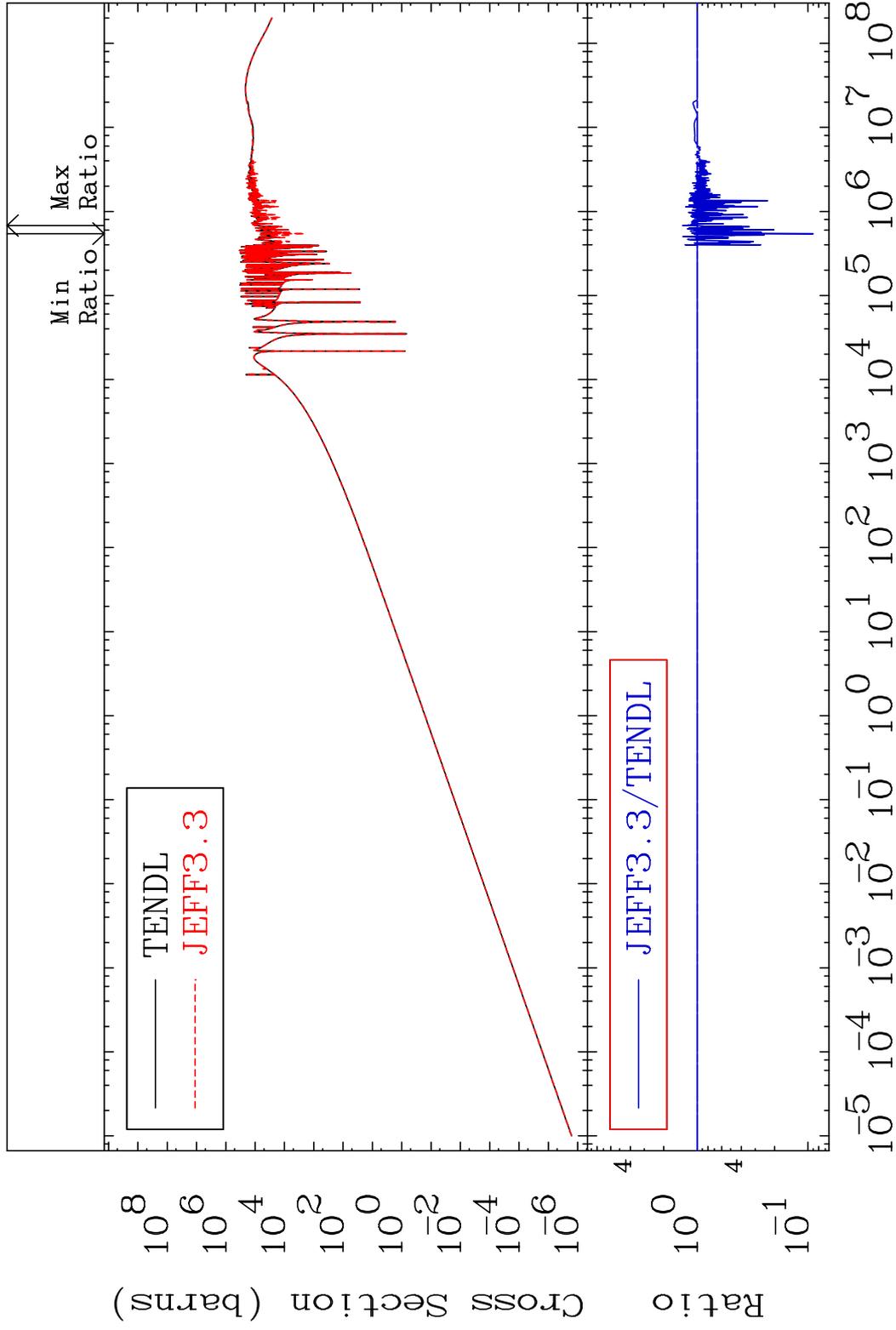
MAT 2231 (n,t):21-Sc-46m2 22-Ti-48
 Radionuclide Production Cross Section Ratio 9999. %



MAT 2231

Kerma elastic
Cross Section

22-Ti-48
-91.01 To 34.60 %

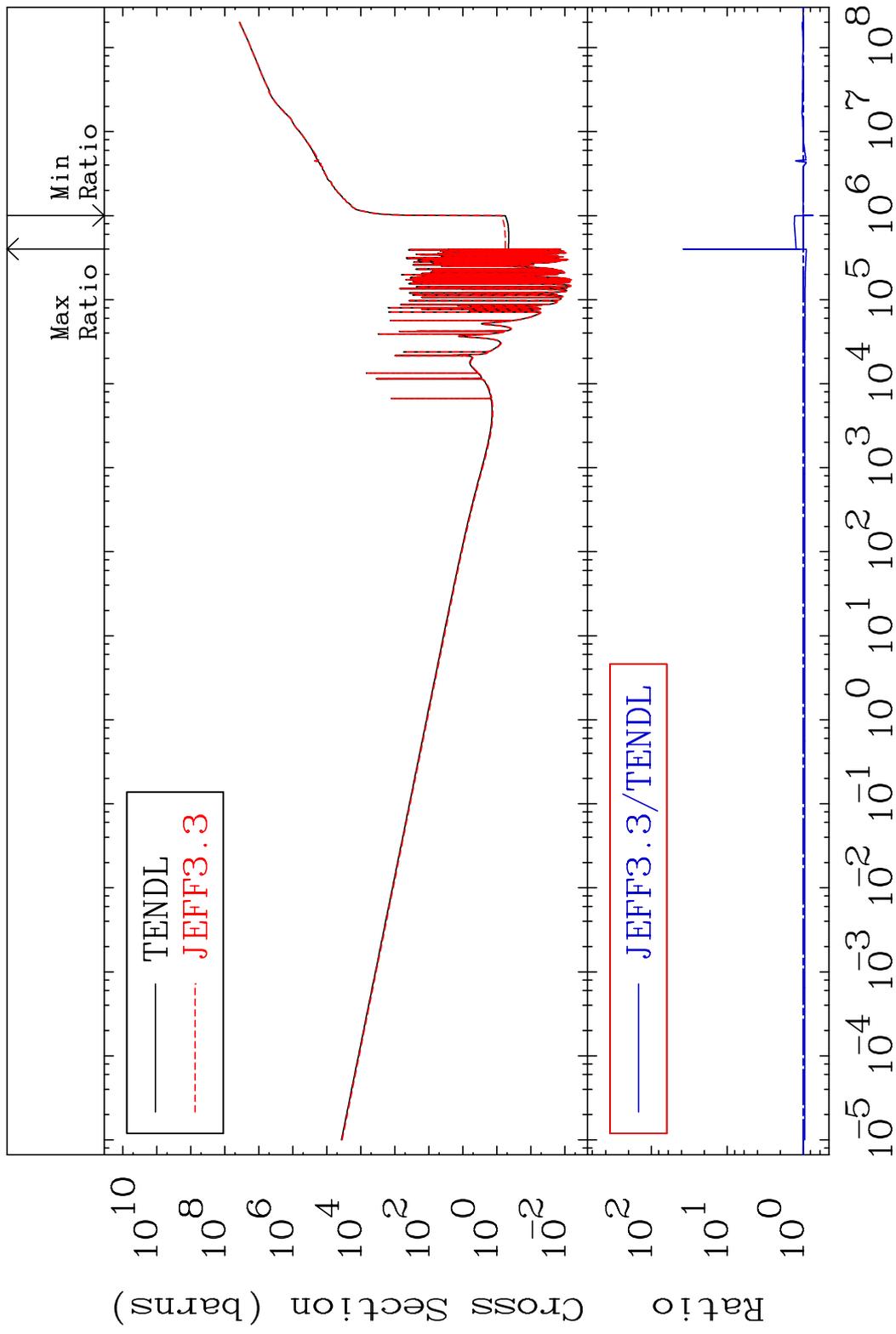


50

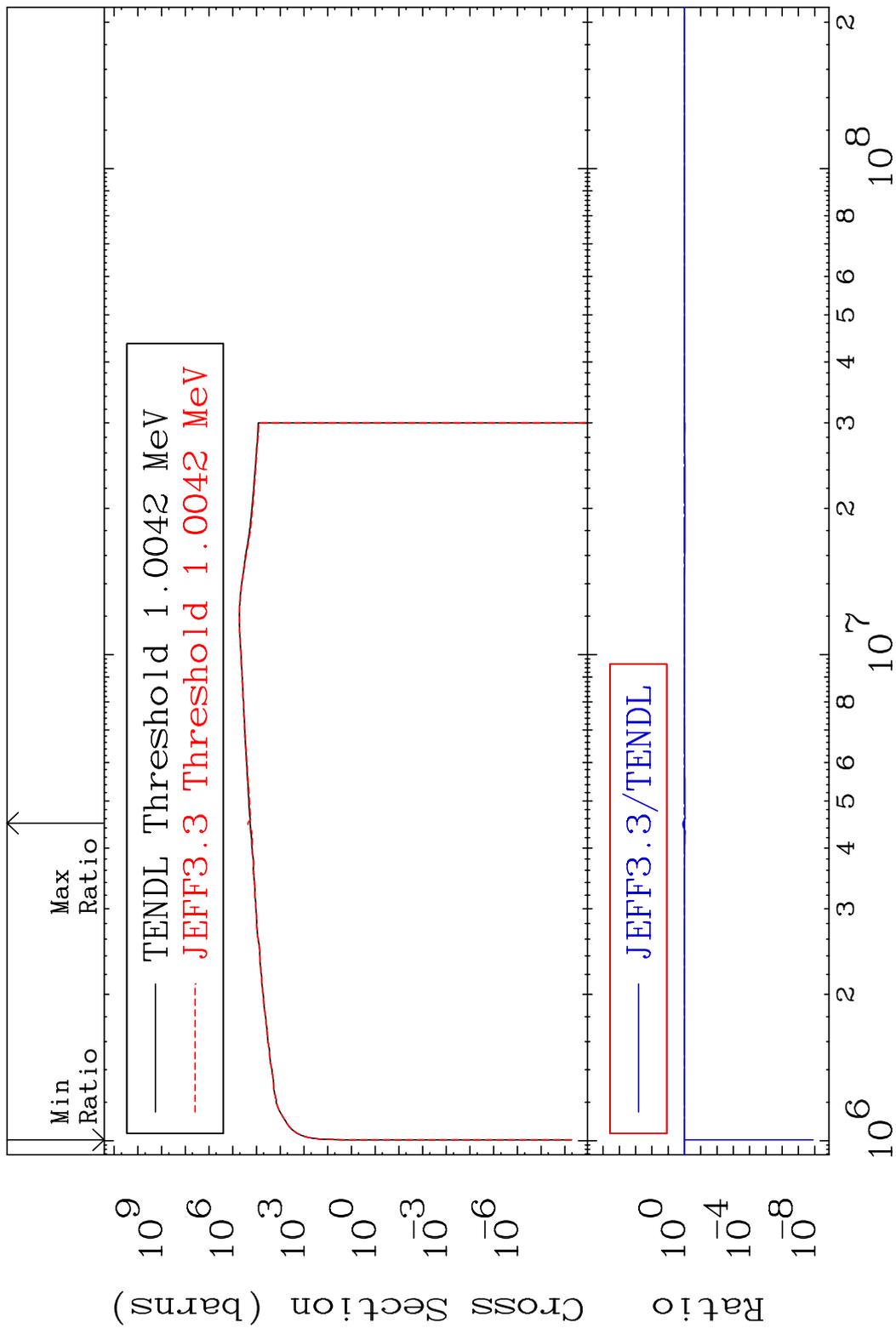
Incident Energy (eV)

22-Ti-48

MAT 2231 Kerma non-elastic (all but mt2) 22-Ti-48
 Cross Section -26.08 To 3746. %

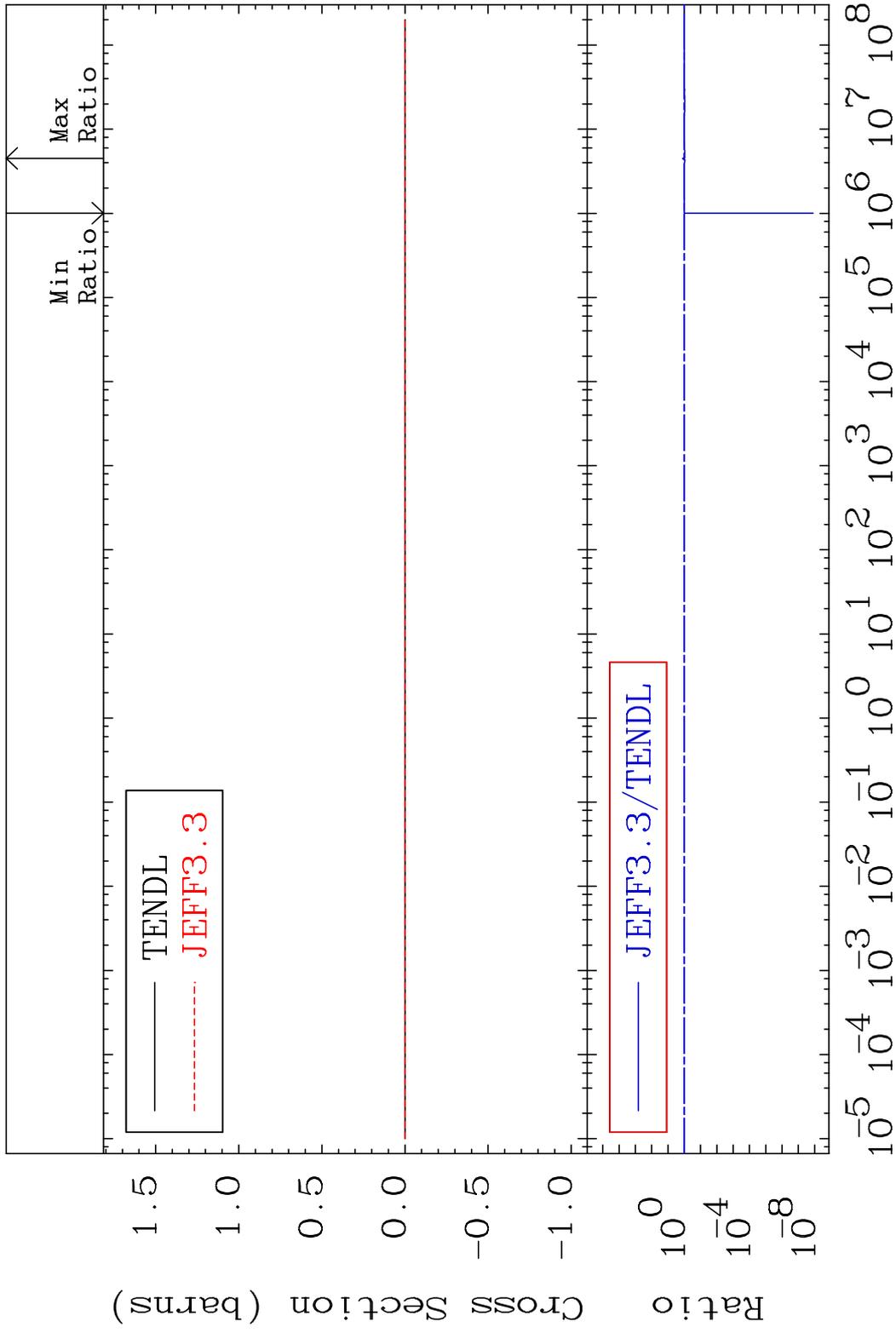


MAT 2231 Kerma inelastic (mt51-91) 22-Ti-48
 Cross Section -100.0 To 25.62 %



52 Incident Energy (eV) 22-Ti-48

MAT 2231 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-48
 Cross Section -100.0 To 25.62 %

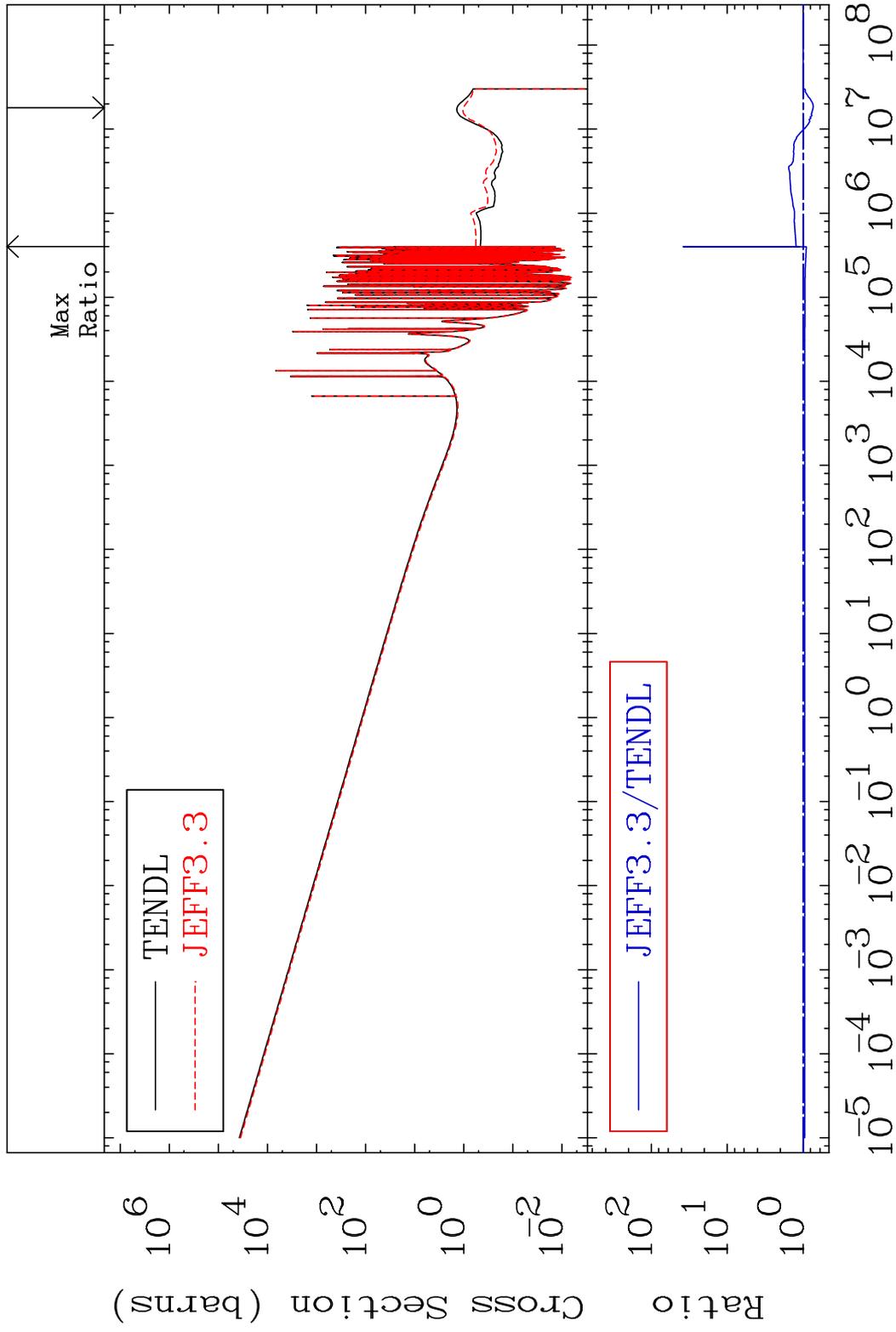


MAT 2231

Kerma capture (mt102)

22-Ti-48

Cross Section -26.19 To 3746. %

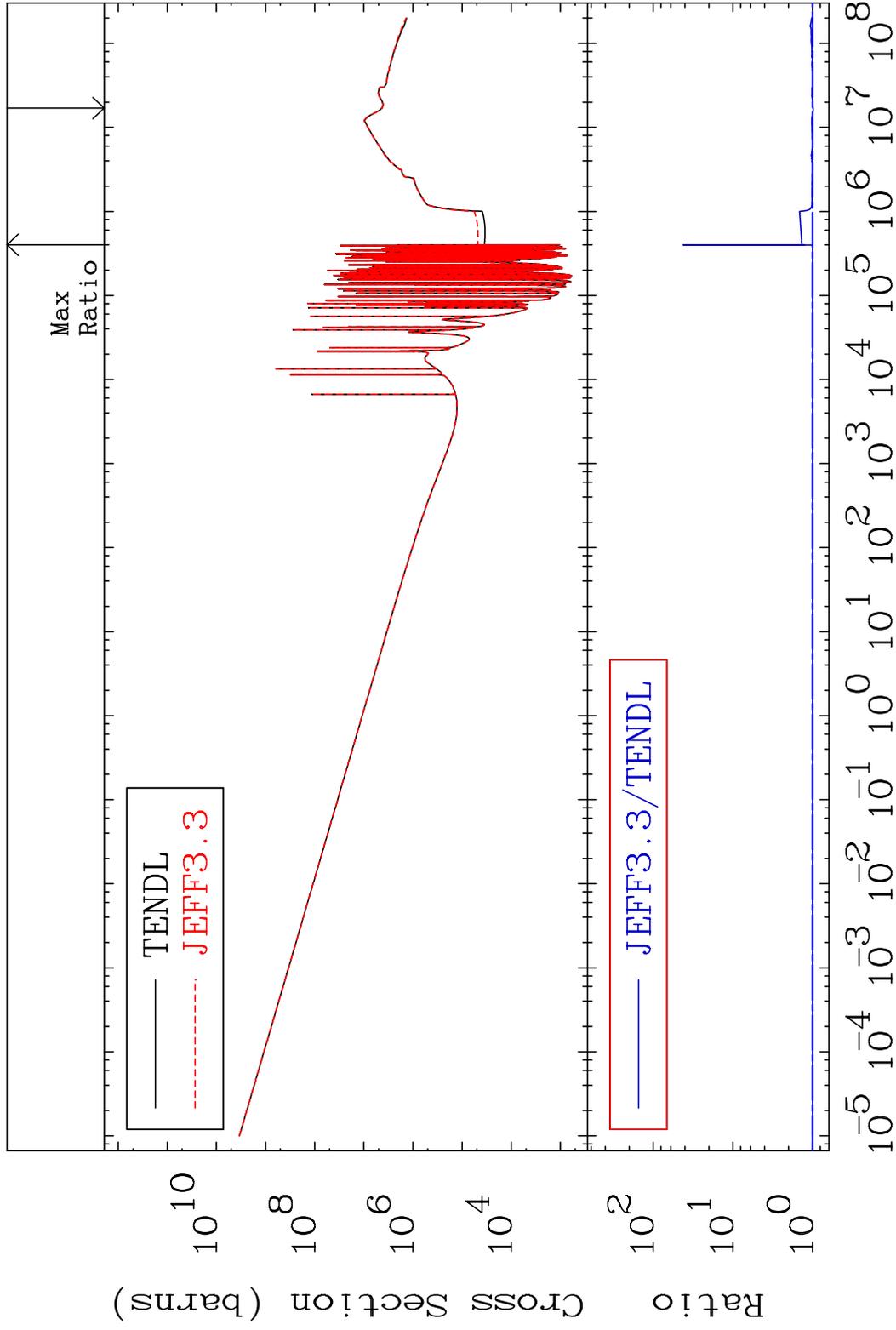


MAT 2231

Total photon (eV-barns)

²²Ti-48

Cross Section -1.632 To 4147. %

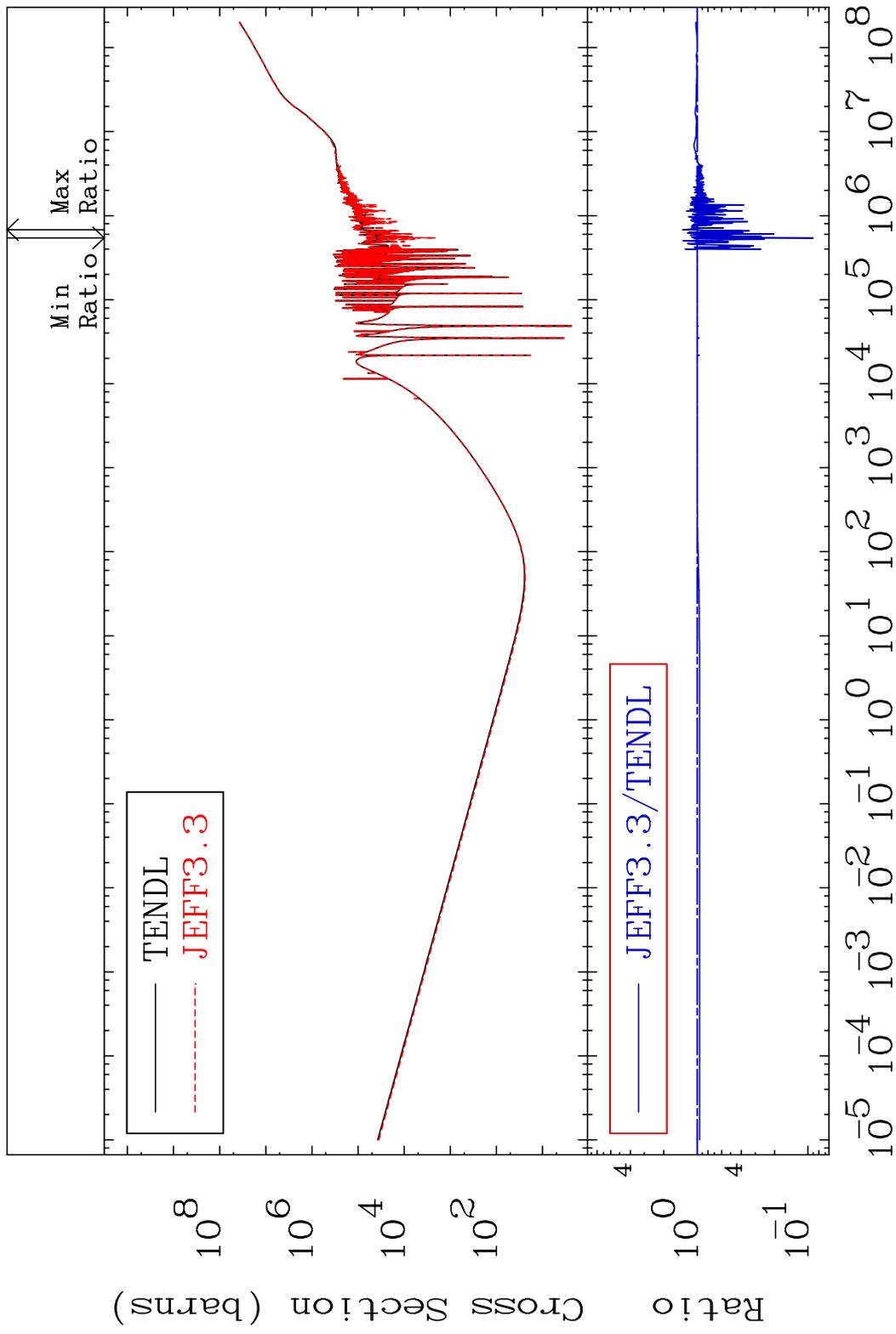


55

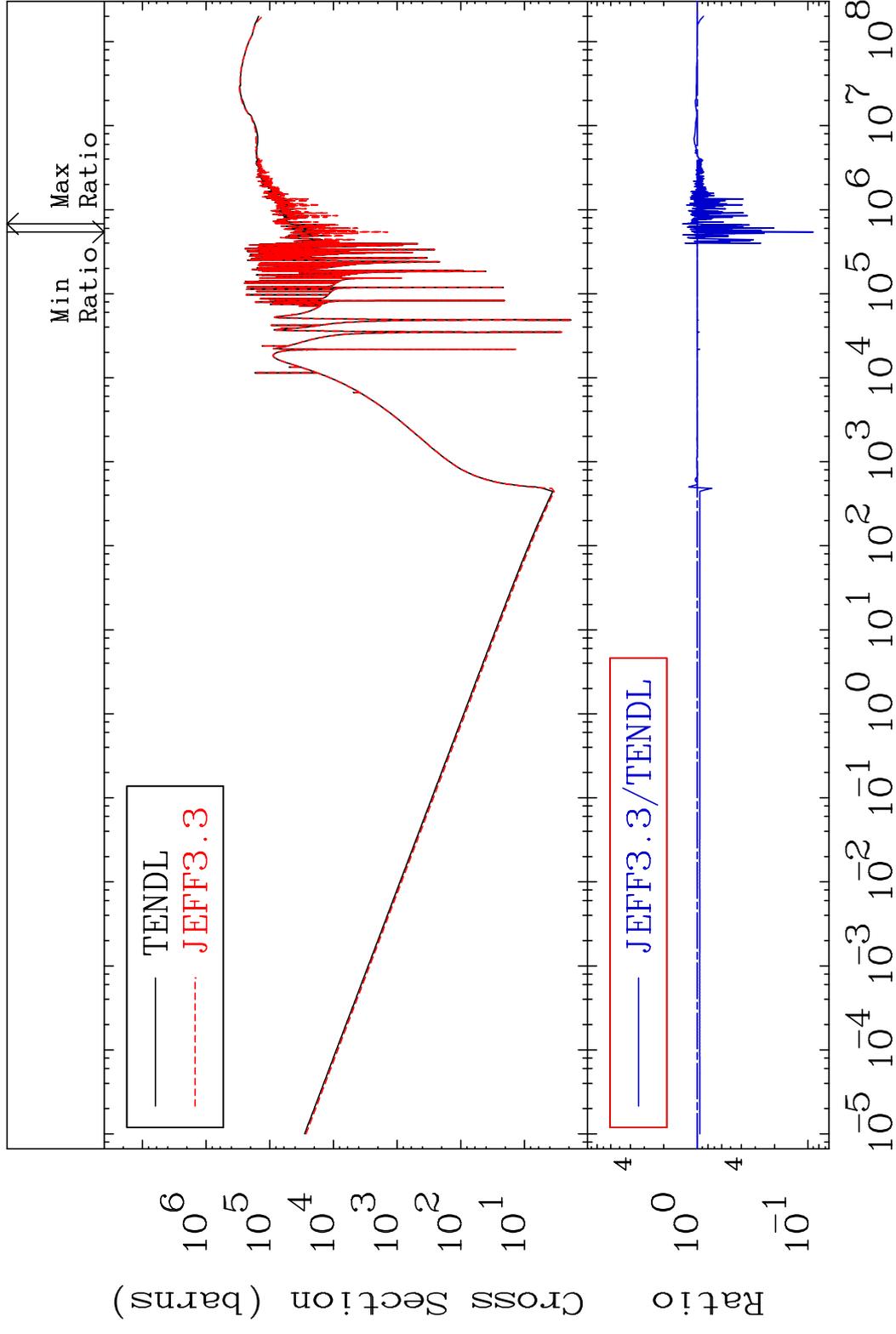
Incident Energy (eV)

²²Ti-48

MAT 2231 Total kinematic kerma (high limit) 22-Ti-48
 Cross Section -91.00 To 34.60 %



MAT 2231 Dpa total (eV-barns) 22-Ti-48
 Cross Section -91.00 To 34.60 %

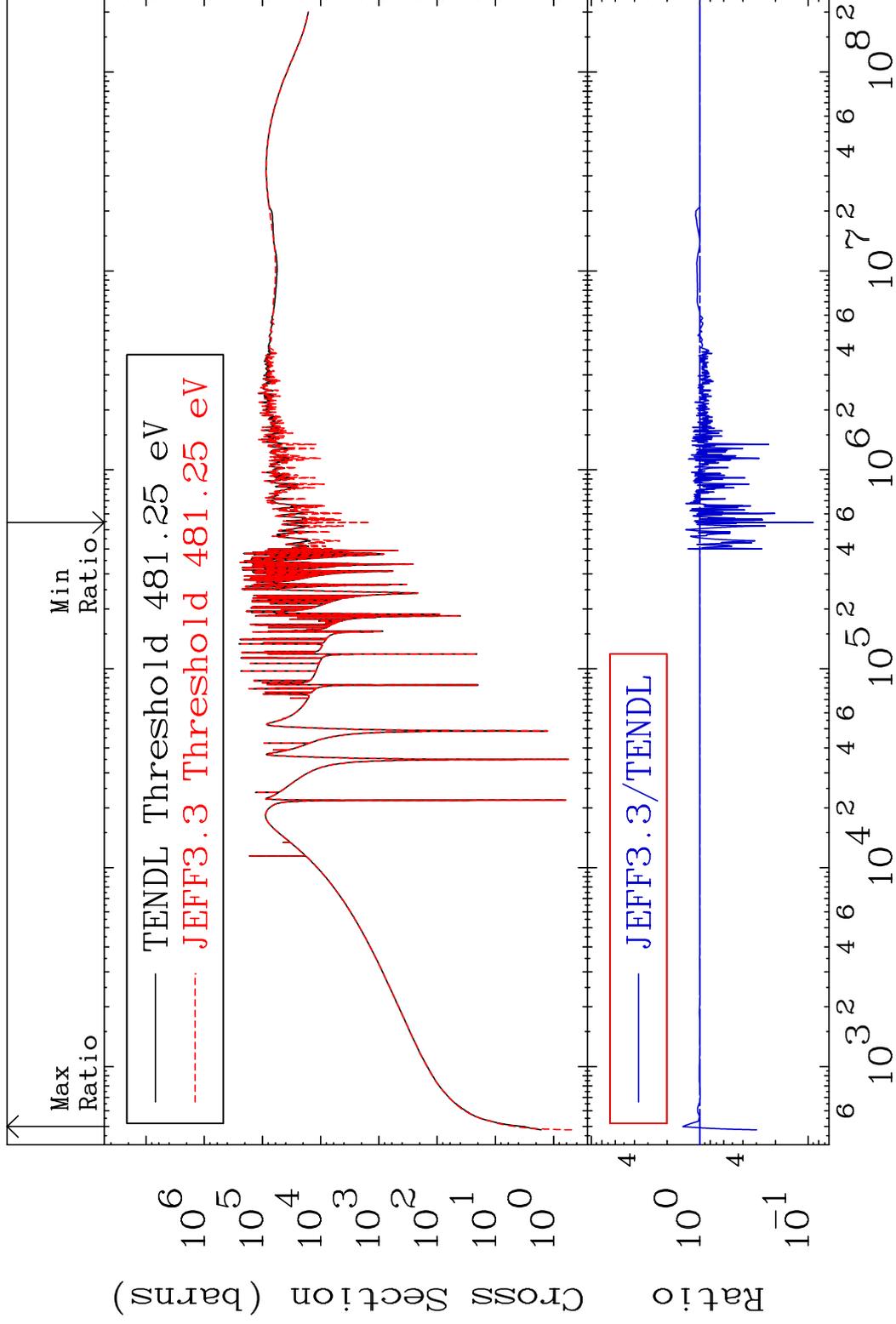


MAT 2231

Dpa elastic (mt2)

22-Ti-48

Cross Section -91.01 To 43.19 %

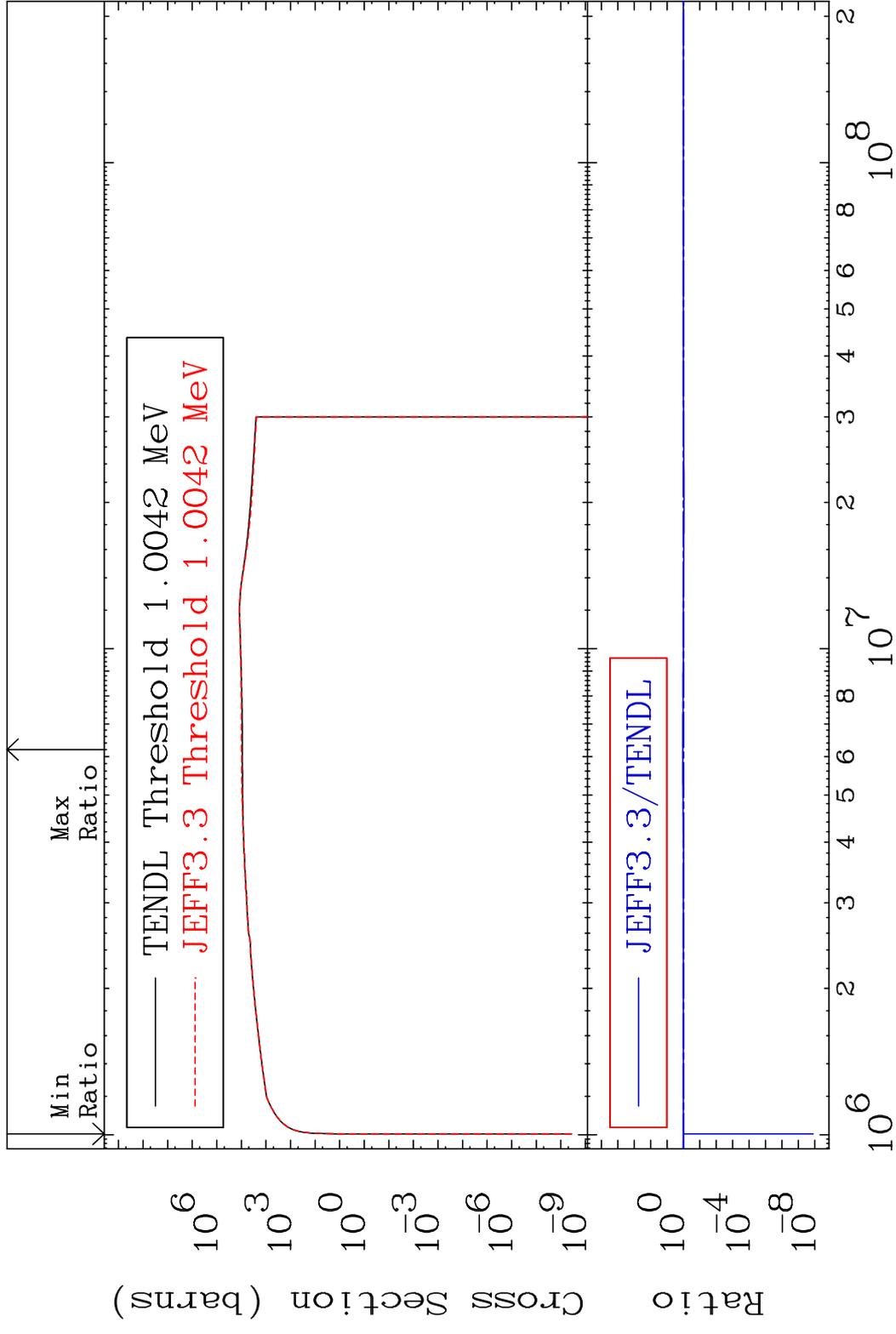


58

Incident Energy (eV)

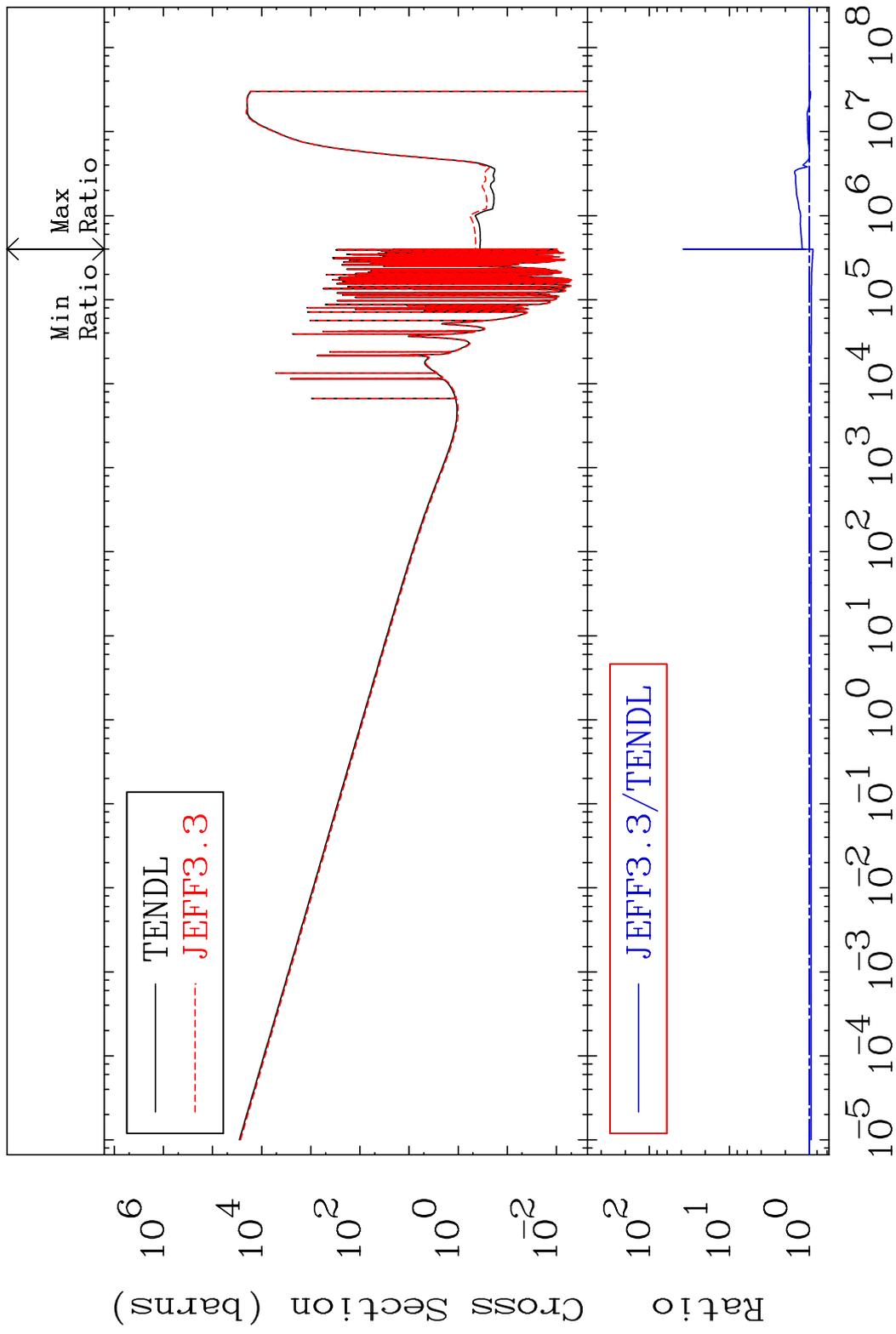
22-Ti-48

MAT 2231 Dpa inelastic (mt51-91) 22-Ti-48
 Cross Section -100.0 To 8.691 %

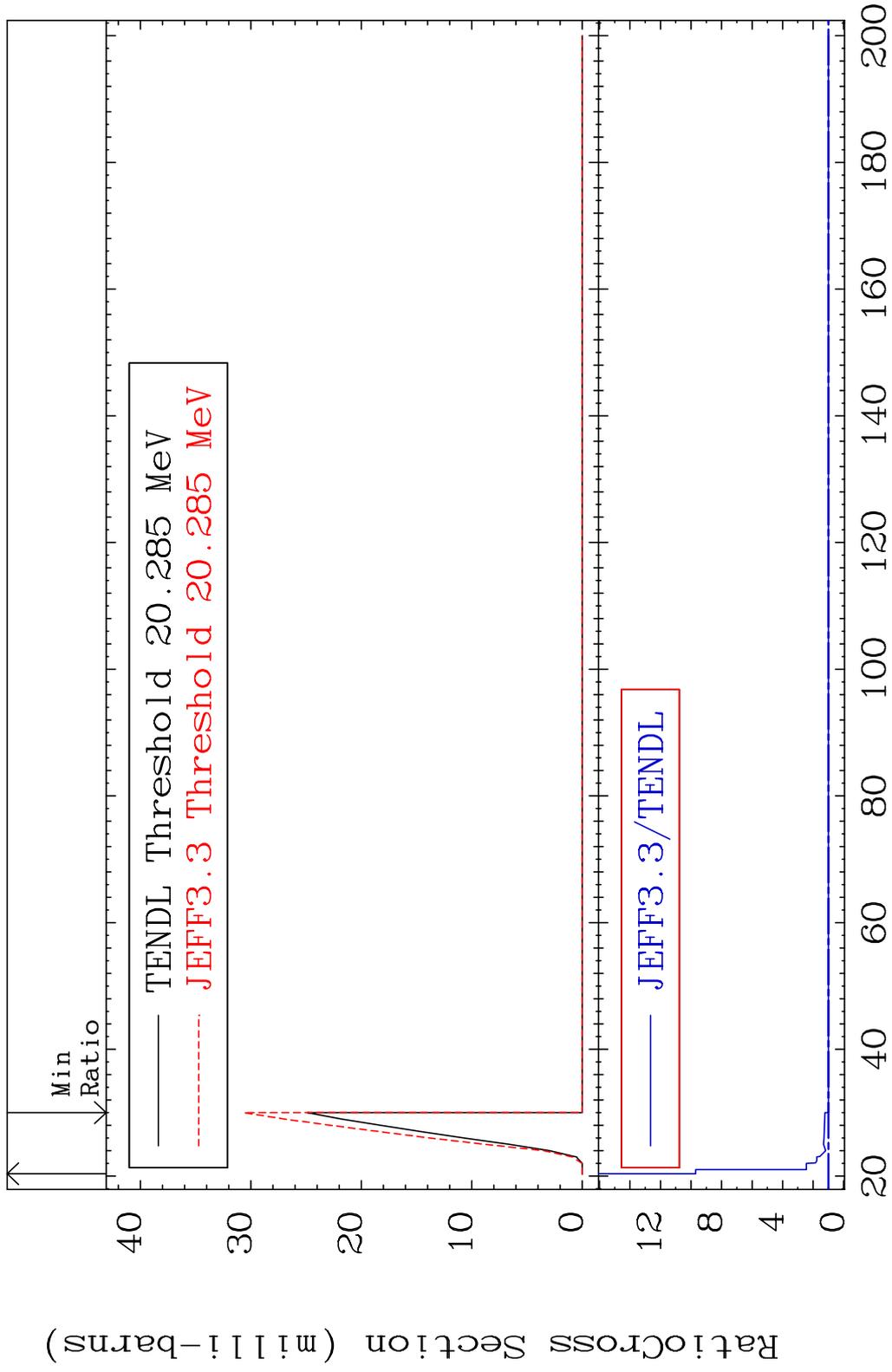


59 Incident Energy (eV) 22-Ti-48

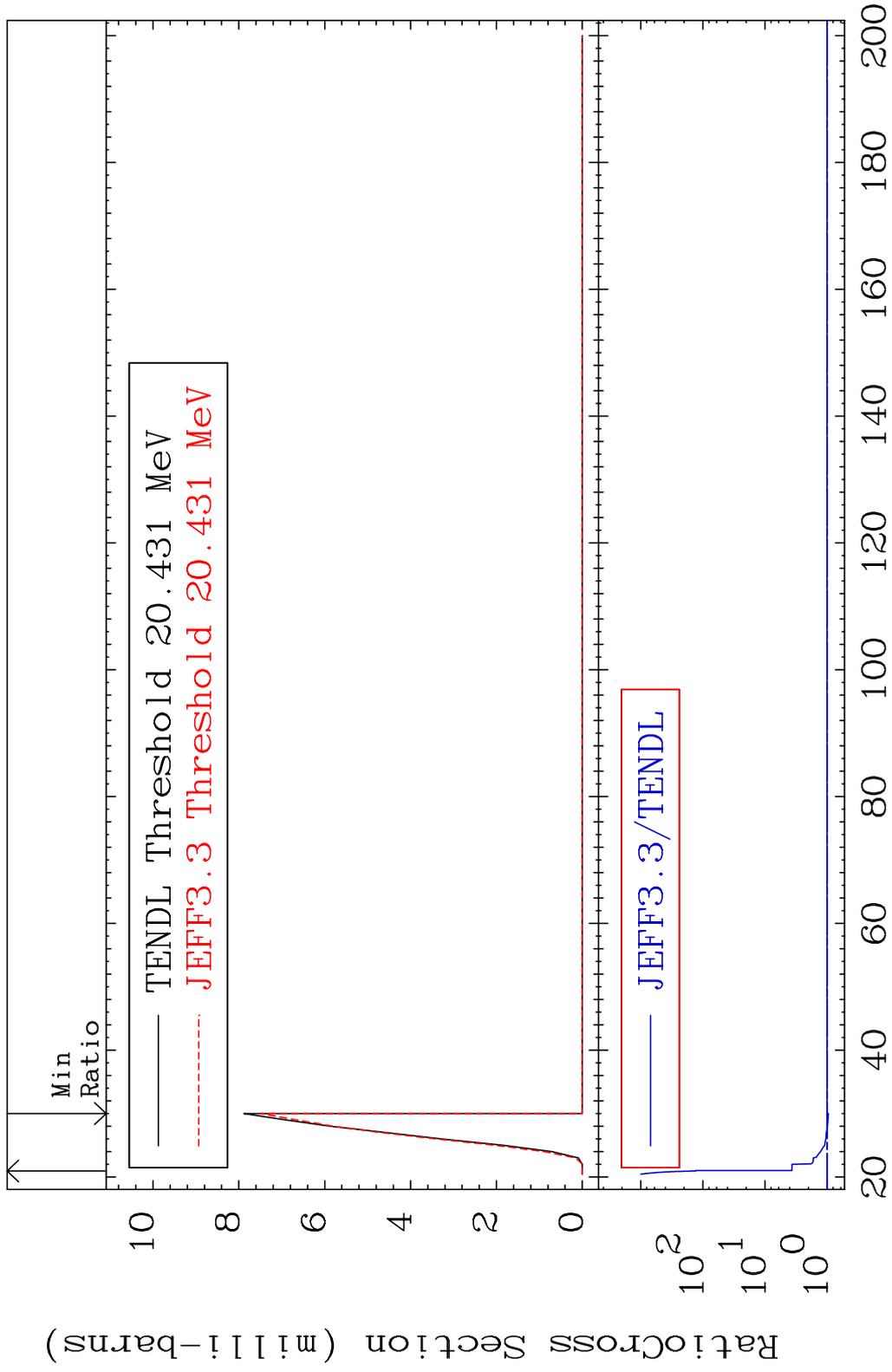
MAT 2231 Dpa disappearance (mt102 -120) 22-Ti-48
 Cross Section -10.21 To 3722. %



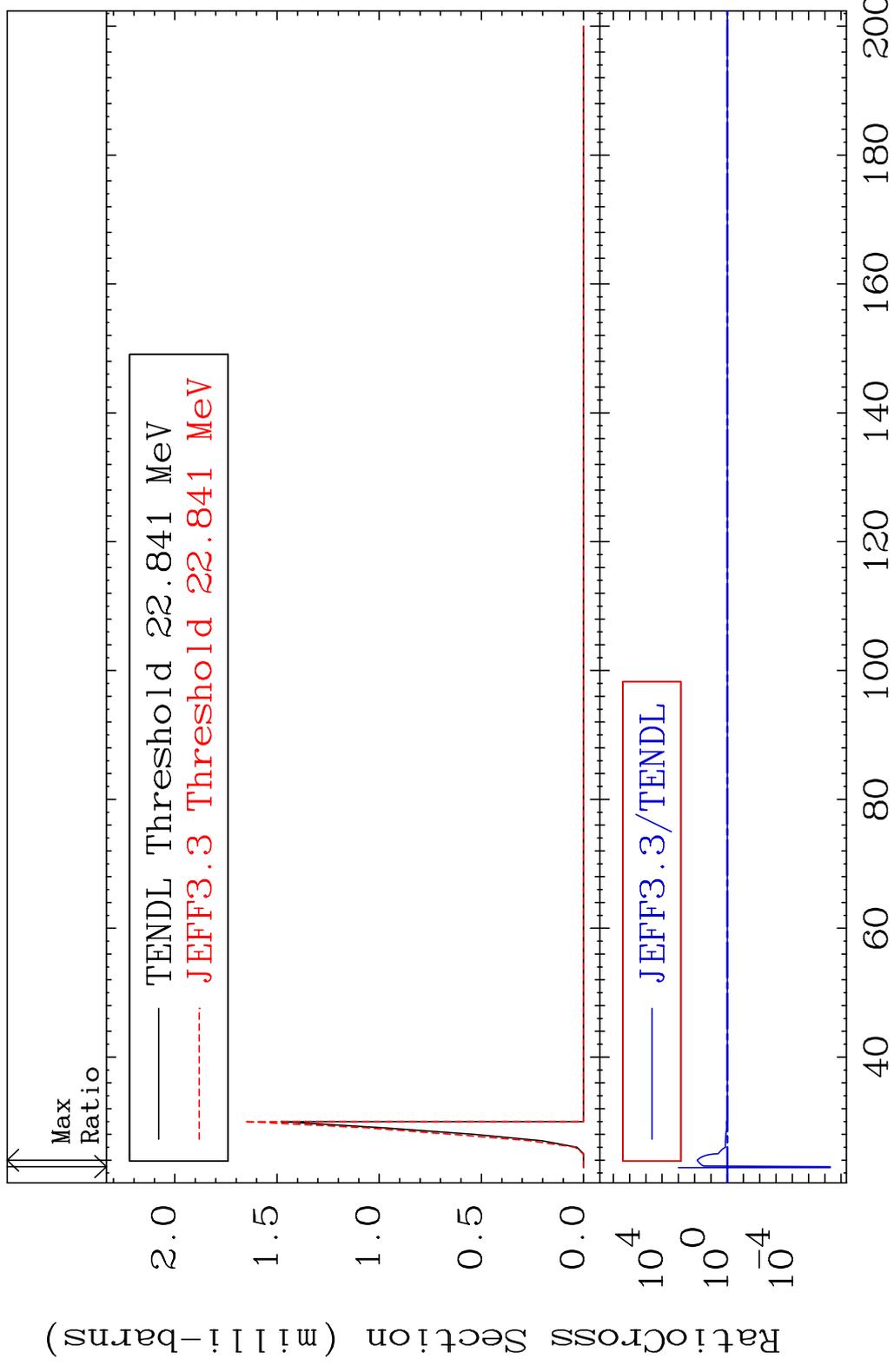
MAT 2231 (n, n') d:21-Sc-46g 22-Ti-48
 Radionuclide Production Cross Section 869.7 %



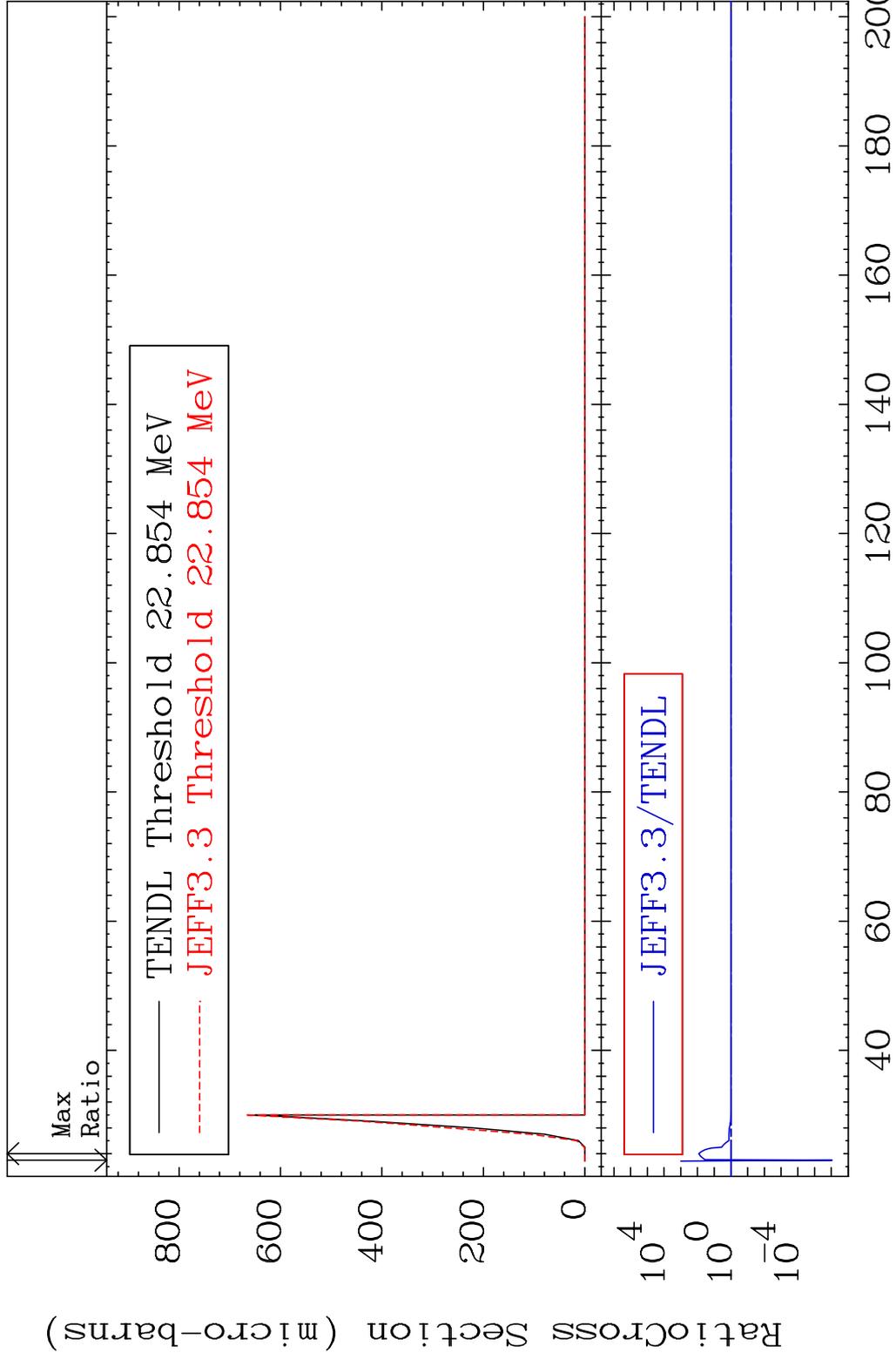
MAT 2231 (n, n') d:21-Sc-46m2 22-Ti-48
 Radionuclide Production Cross Section 46821 d:0 9999. %

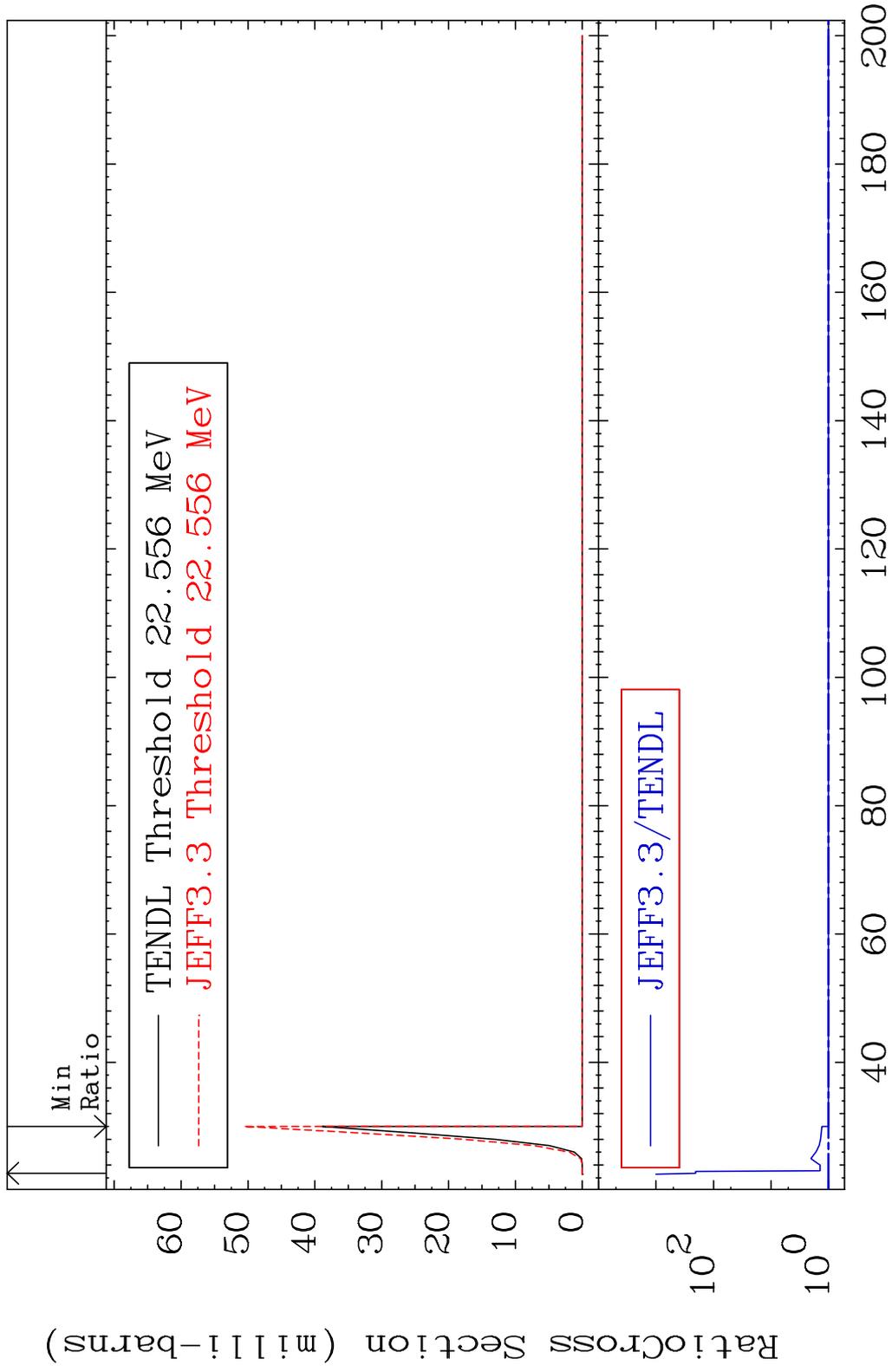


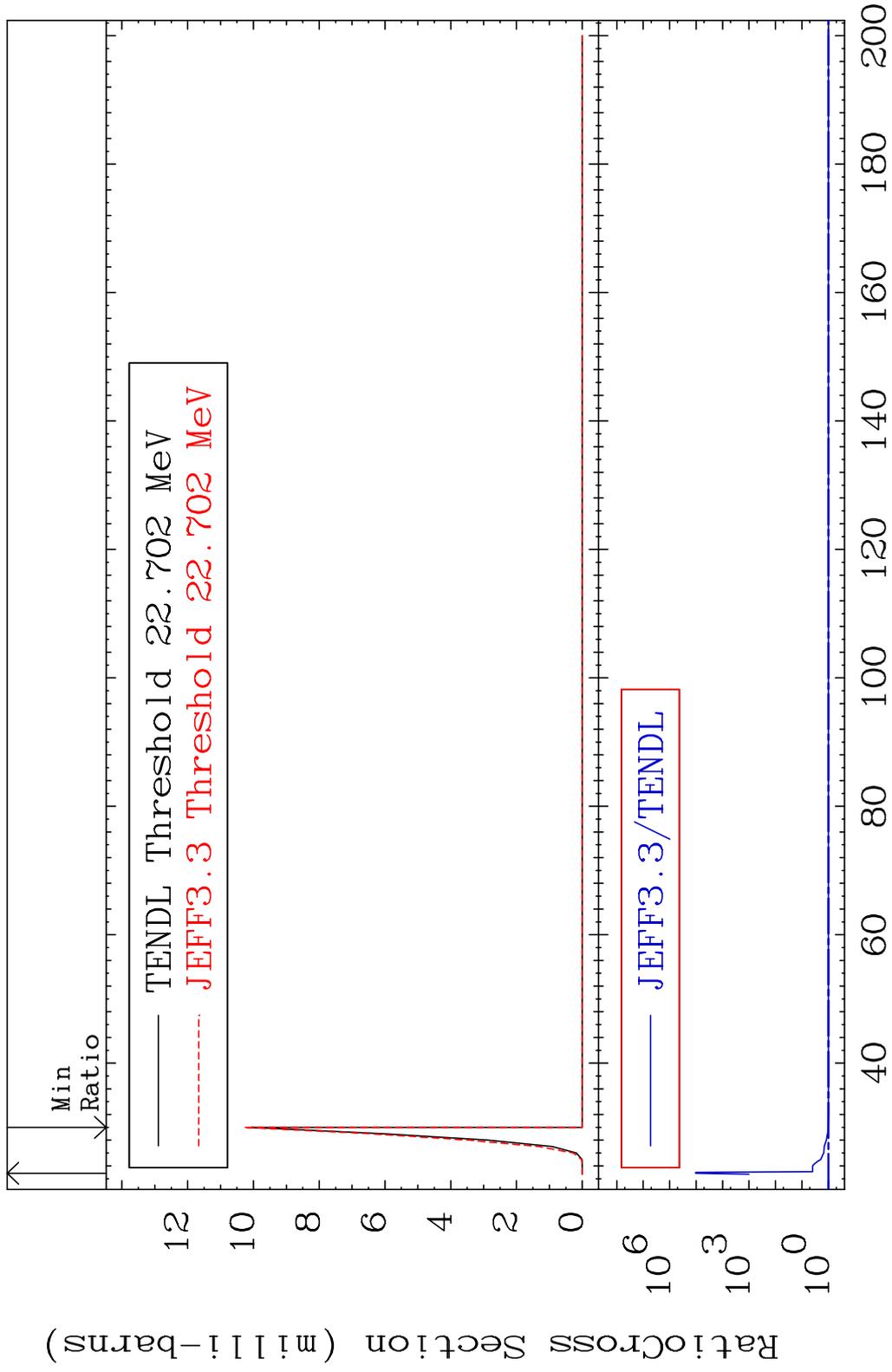
MAT 2231 (n, n') t:21-Sc-45g 22-Ti-48
 Radionuclide Production Cross Section Ratio 6892. %

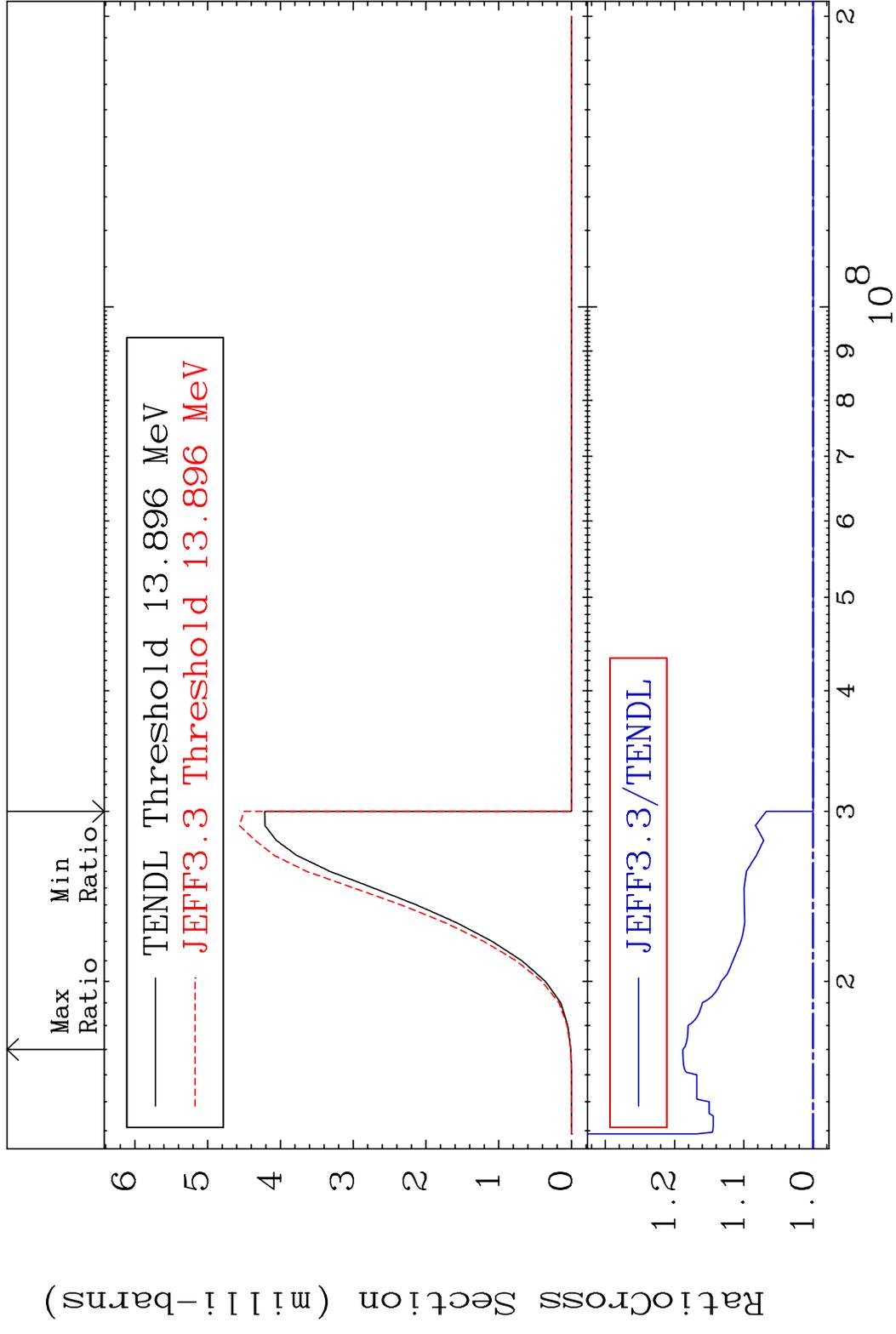


MAT 2231 (n, n') t:21-Sc-45m1 22-Ti-48
 Radionuclide Production Cross Section Ratio 8307. %









MAT 2231 (n,t):21-Sc-46m2 22-Ti-48
 Radionuclide Production Cross Section 18.8 dth 14.85 %

