

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

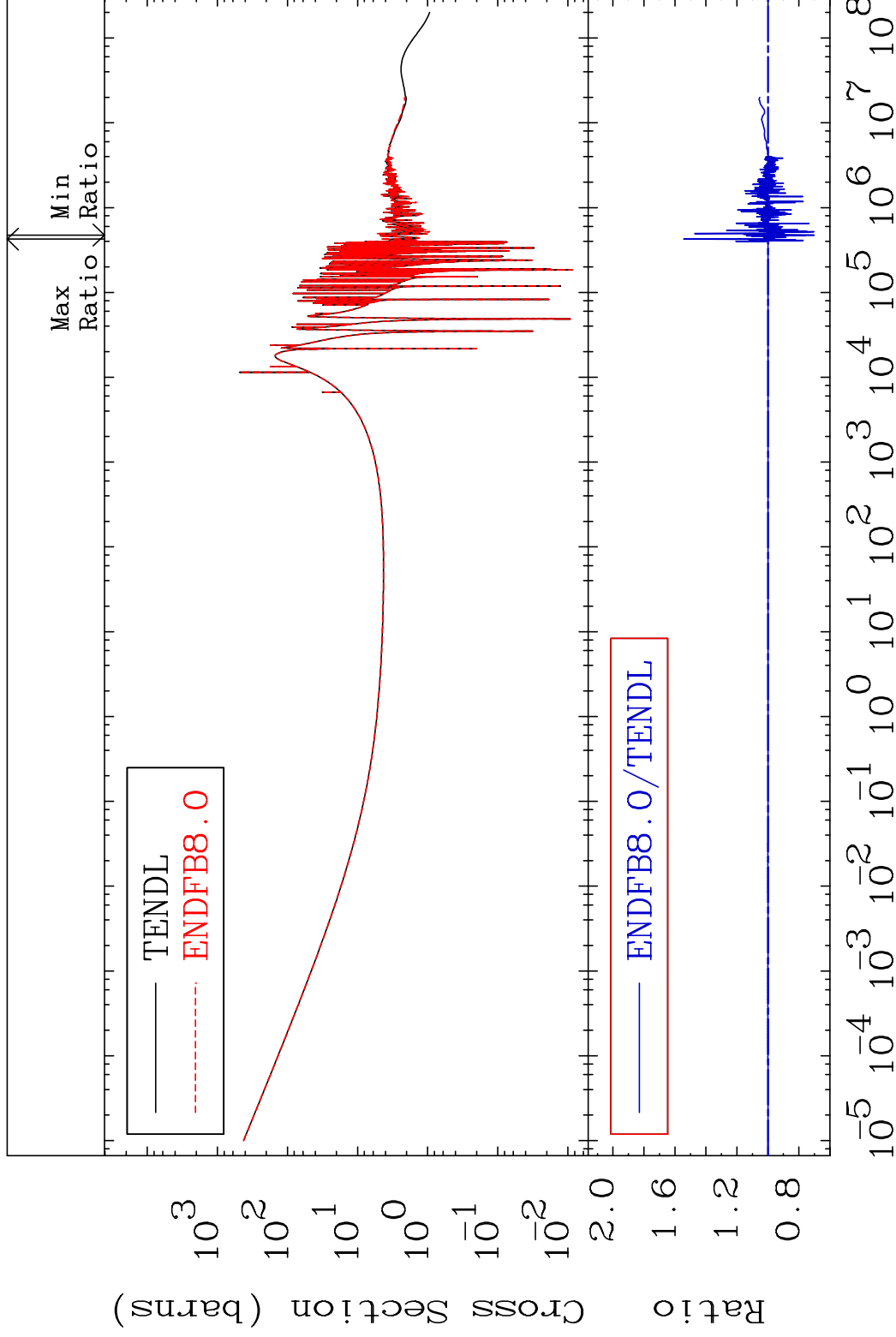
MAT 2231

Total

22-Ti-48

Cross Section

-29.81 To 54.37 %



1

Incident Energy (eV)

22-Ti-48

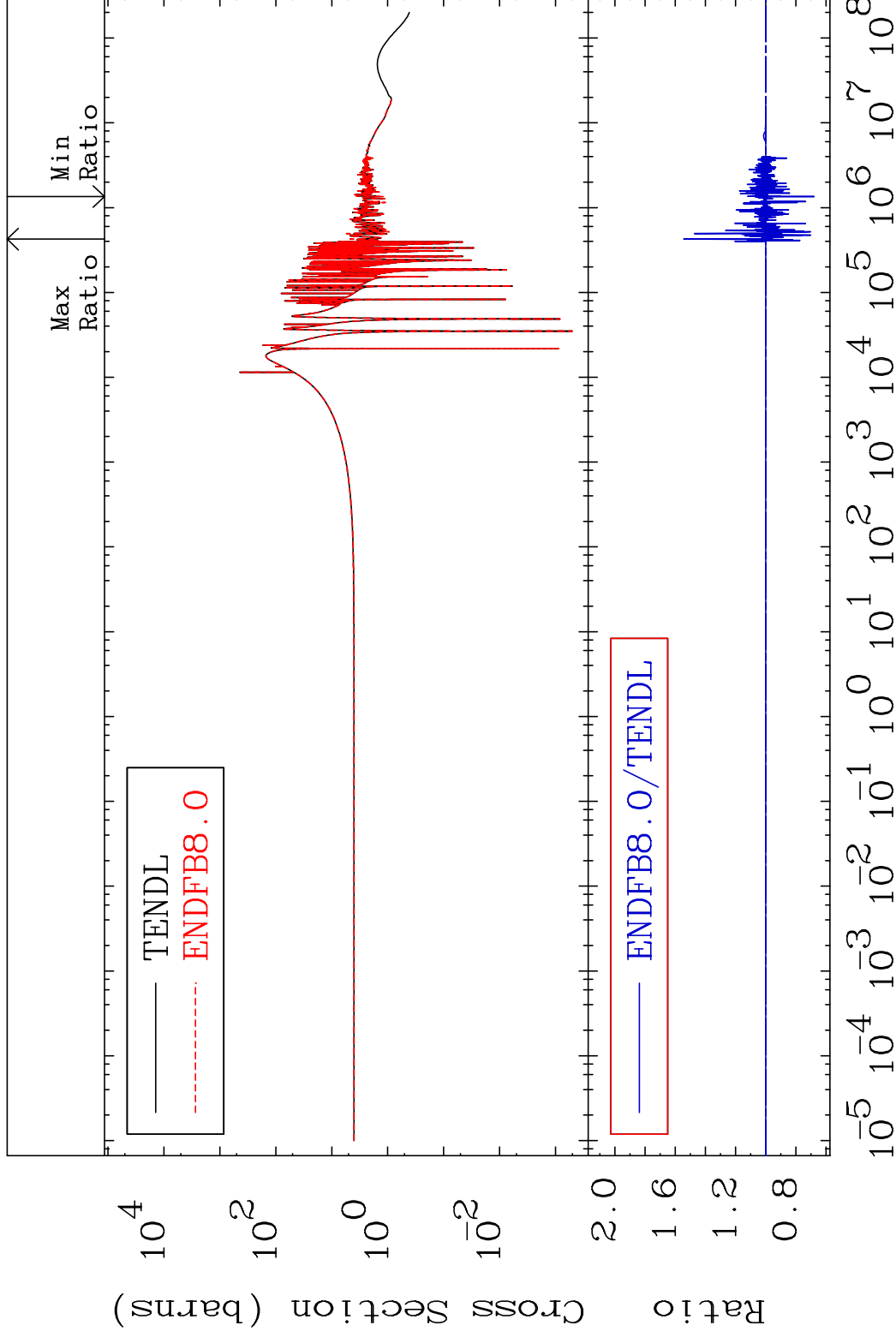
MAT 2231

Elastic

22-Ti-48

Cross Section

-32.13 To 54.40 %



2

Incident Energy (eV)

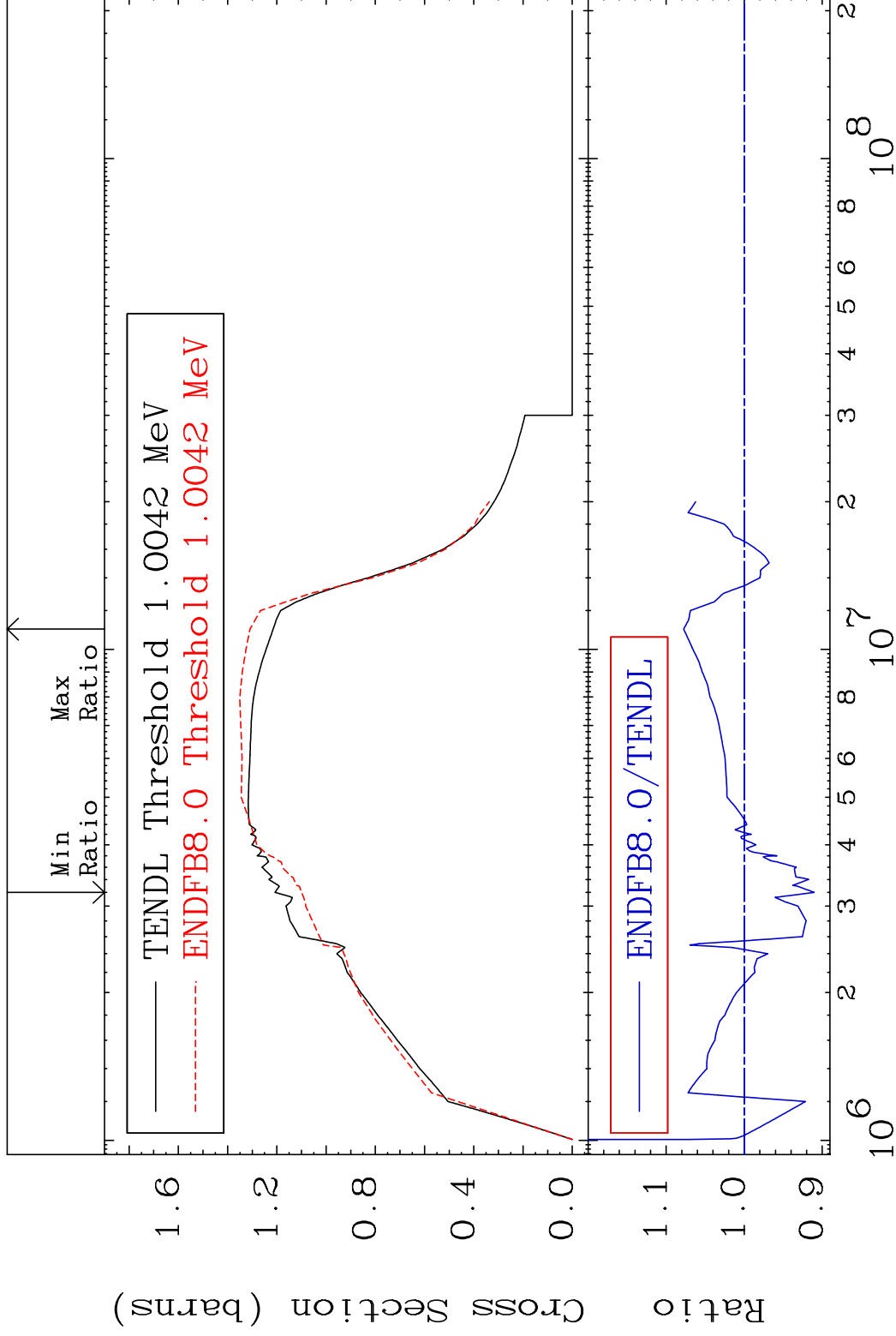
22-Ti-48

MAT 2231

Inelastic

22-Ti-48

Cross Section -8.954 To 7.758 %



3

Incident Energy (eV)

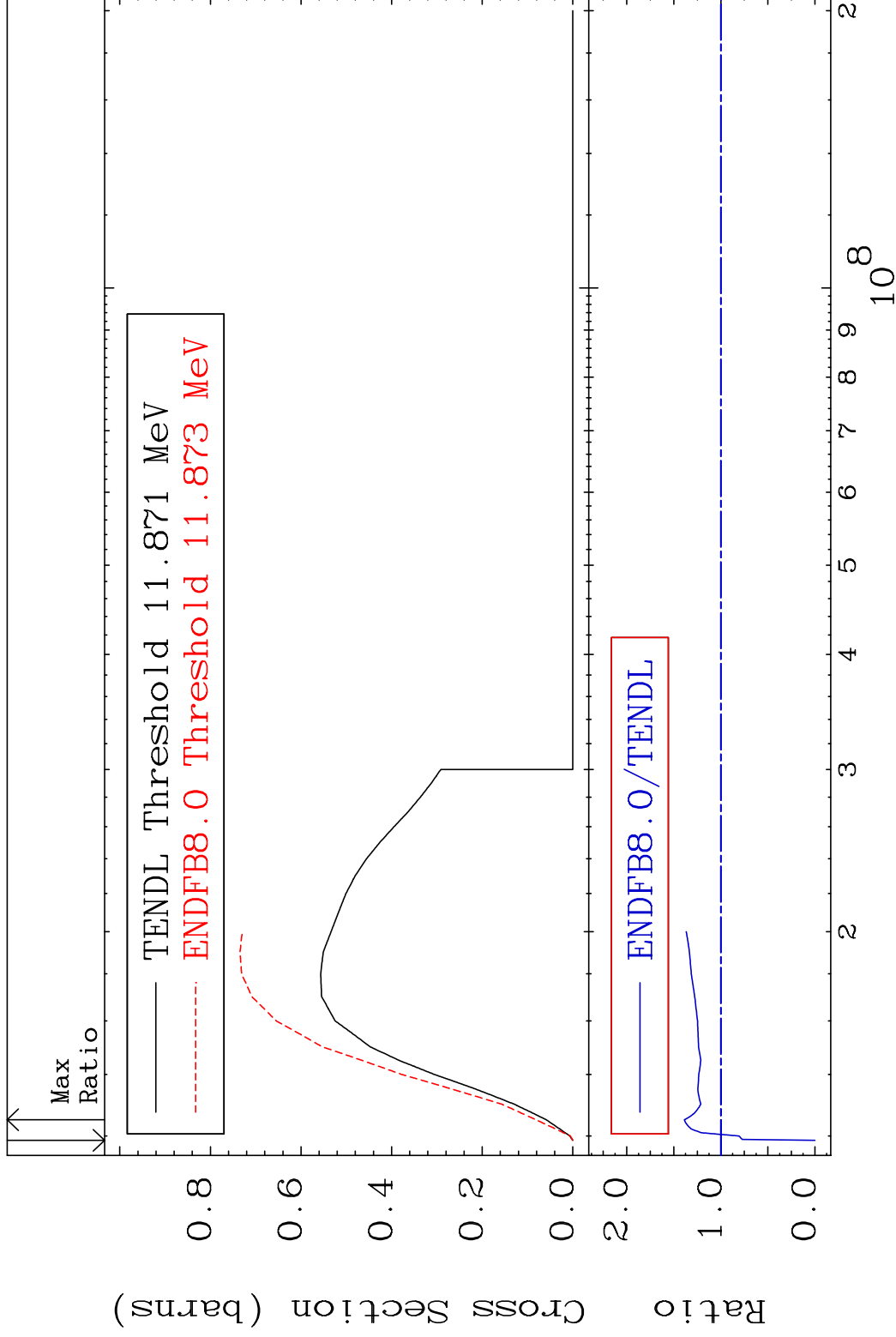
22-Ti-48

MAT 2231

(n,2n)

²²Ti-48

Cross Section -100.0 To 38.82 %



4

Incident Energy (eV)

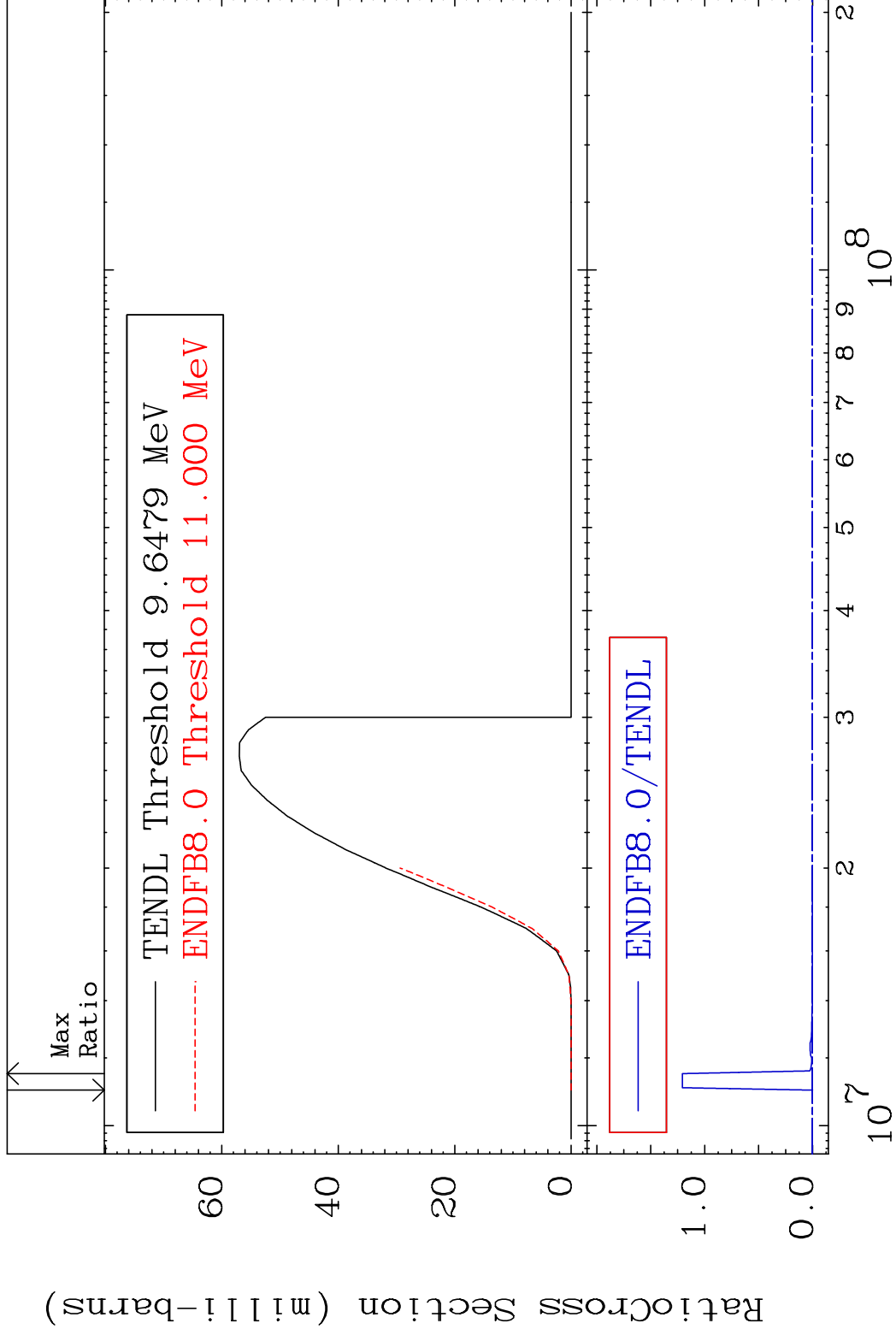
²²Ti-48

MAT 2231

(n, n') α

22-Ti-48

Cross Section -100.0 To 9999. %

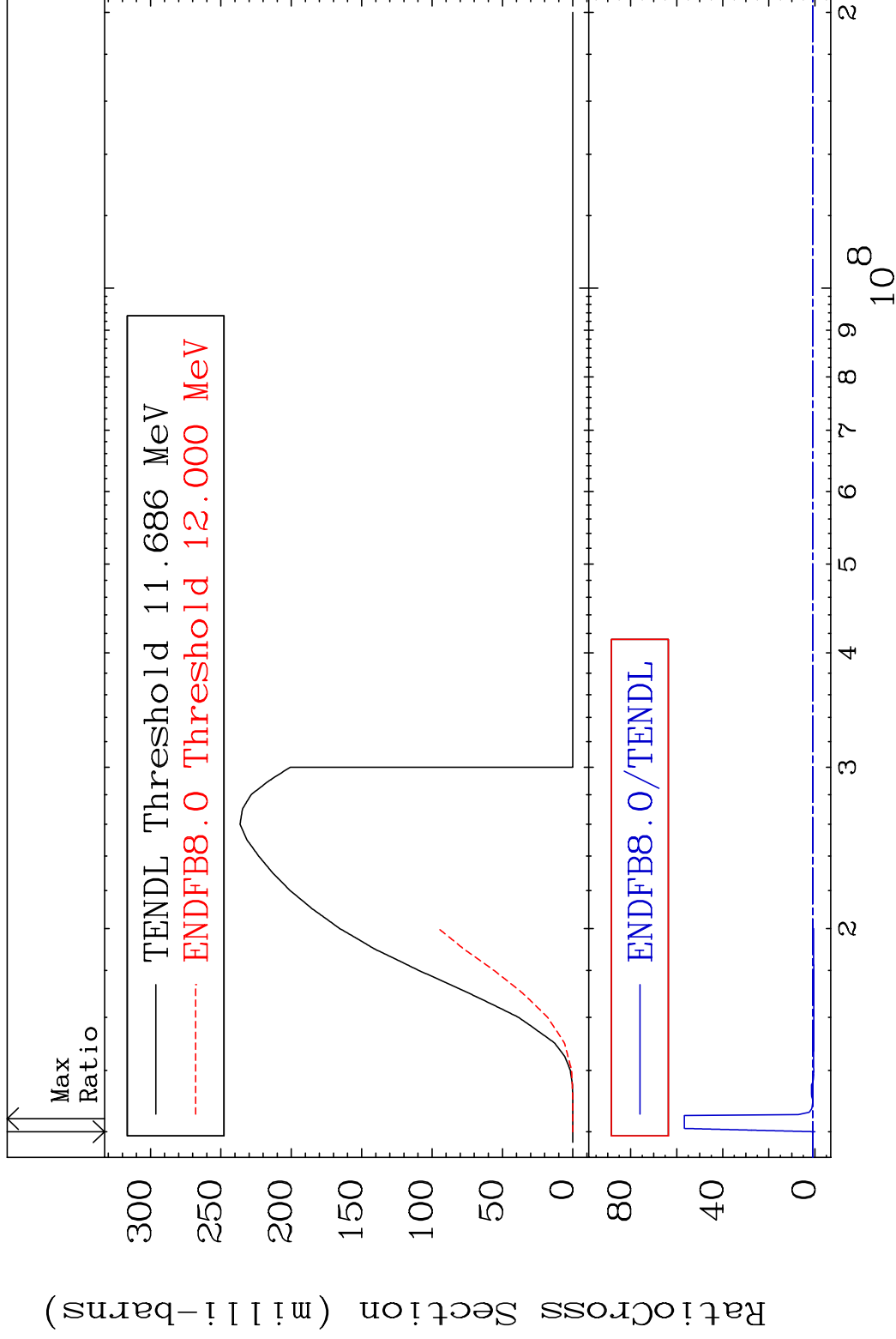


MAT 2231

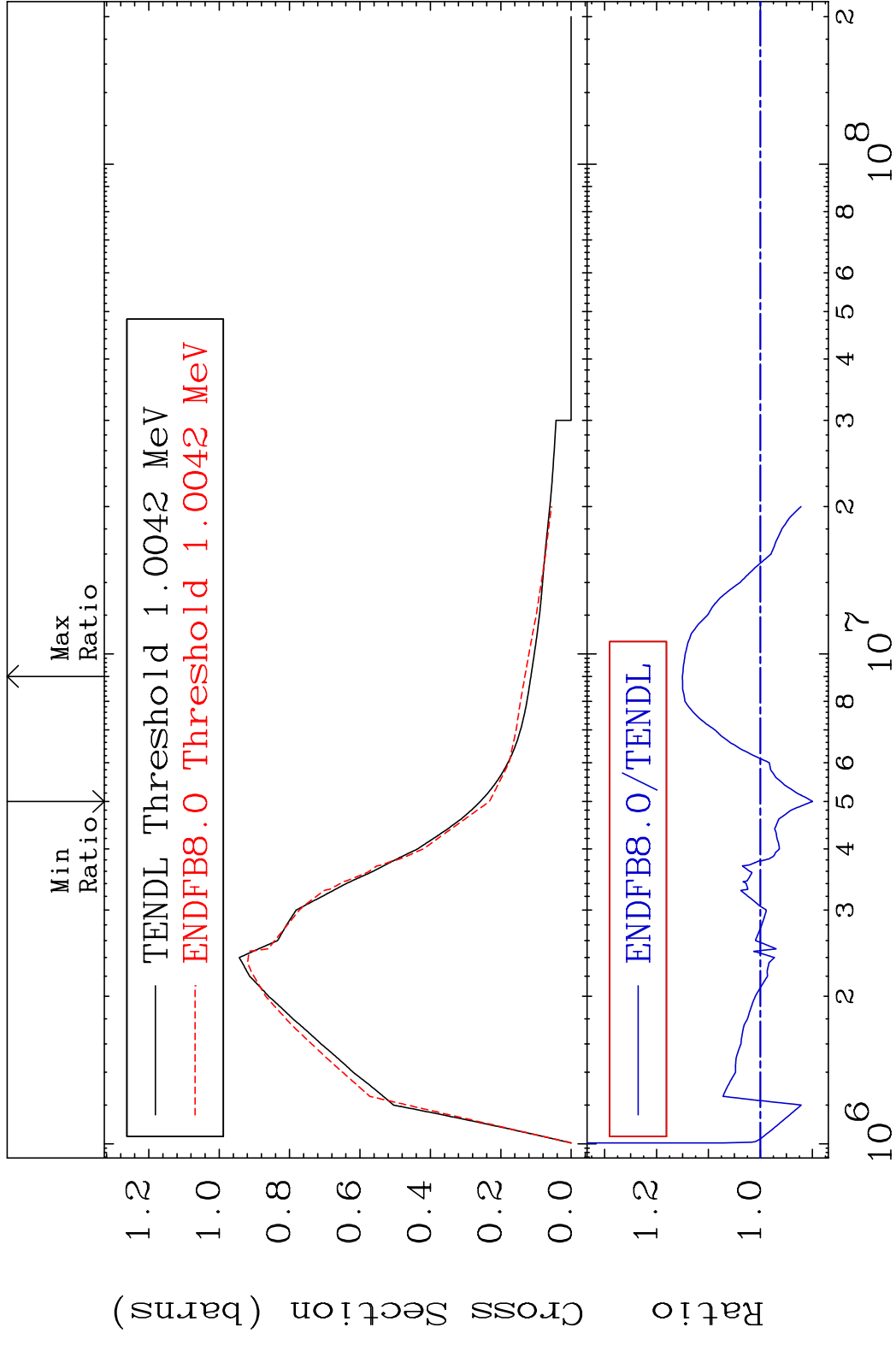
(n, n') p

²²Ti-48

Cross Section -100.0 To 5571. %

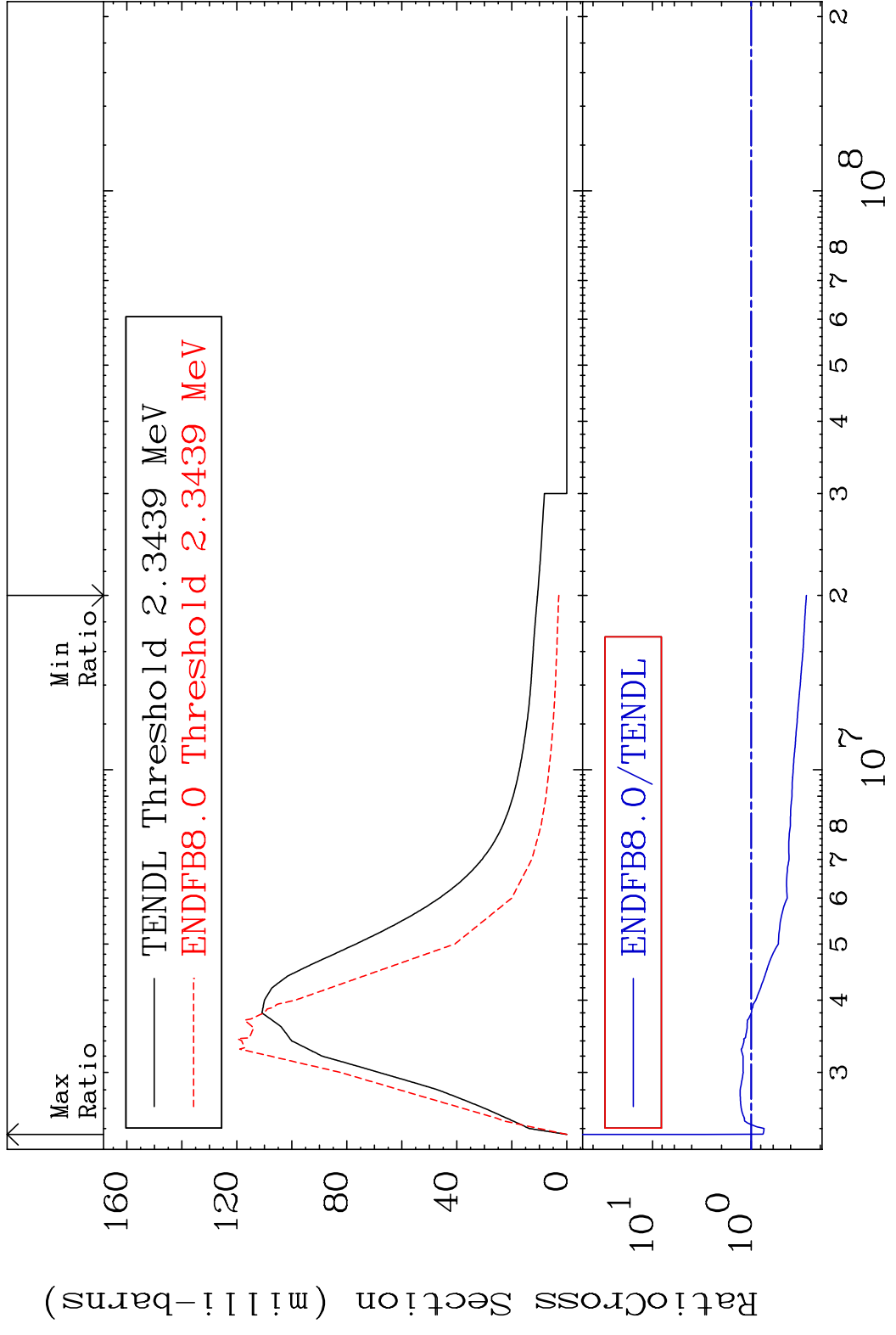


MAT 2231 MT= 51 (n, n') Level 22-Ti-48
 Cross Section -10.03 To 15.03 %



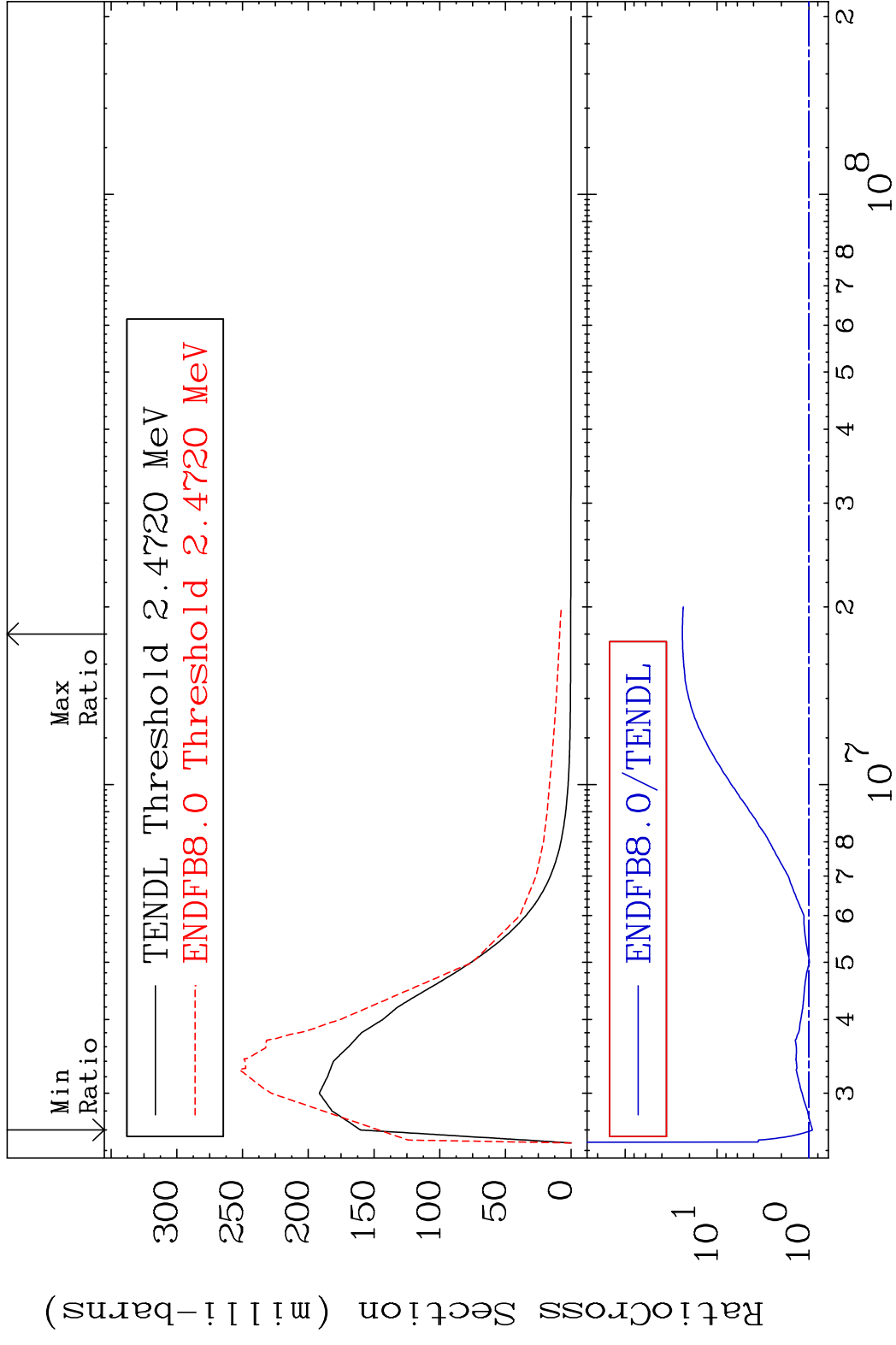
7 Incident Energy (eV) 22-Ti-48

MAT 2231 MT= 52 (n,n') Level 22-Ti-48
 Cross Section -72.39 To 461.6 %

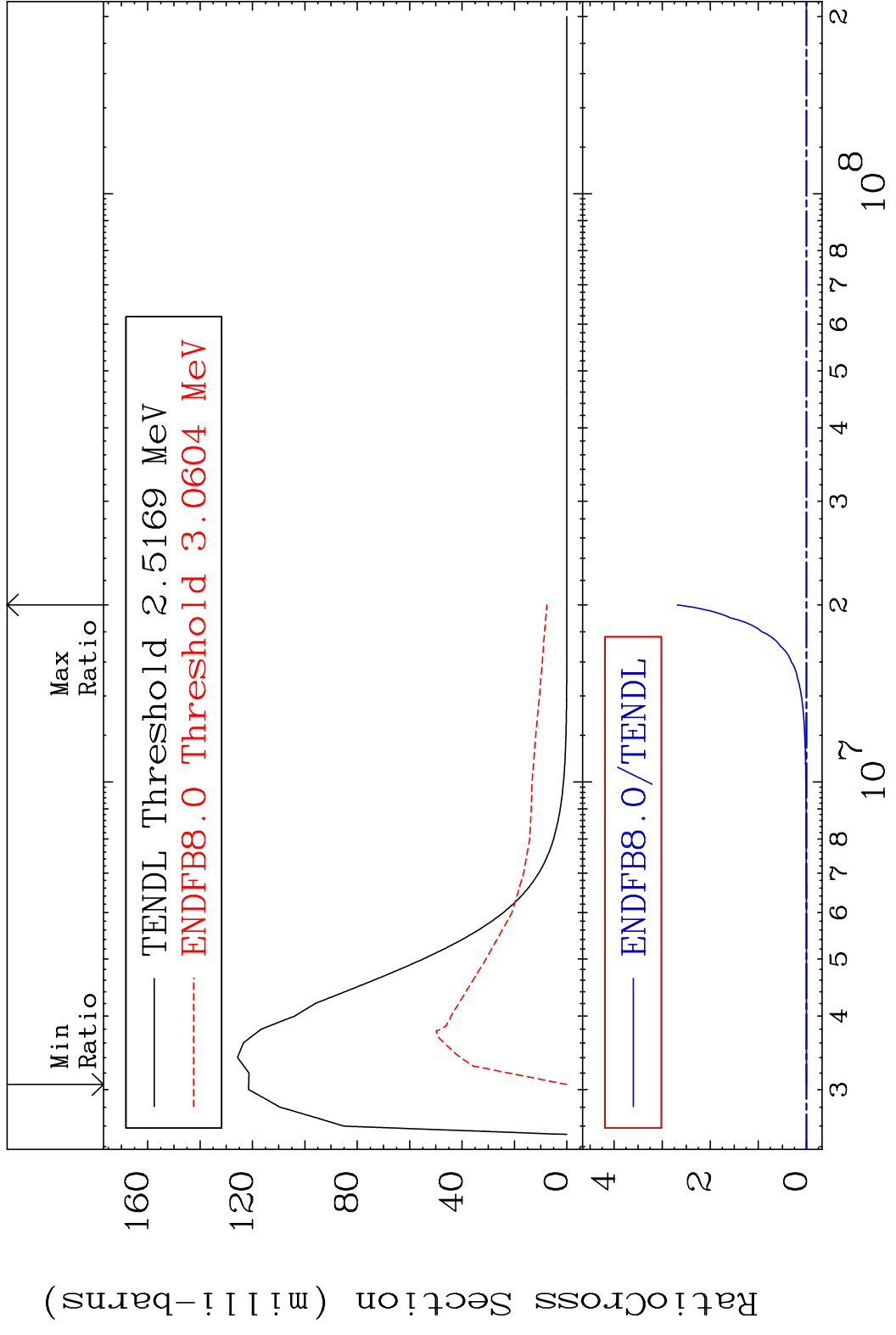


8 Incident Energy (eV) 22-Ti-48

MAT 2231 MT= 53 (n, n') Level 22-Ti-48
 Cross Section -8.639 To 2288. %



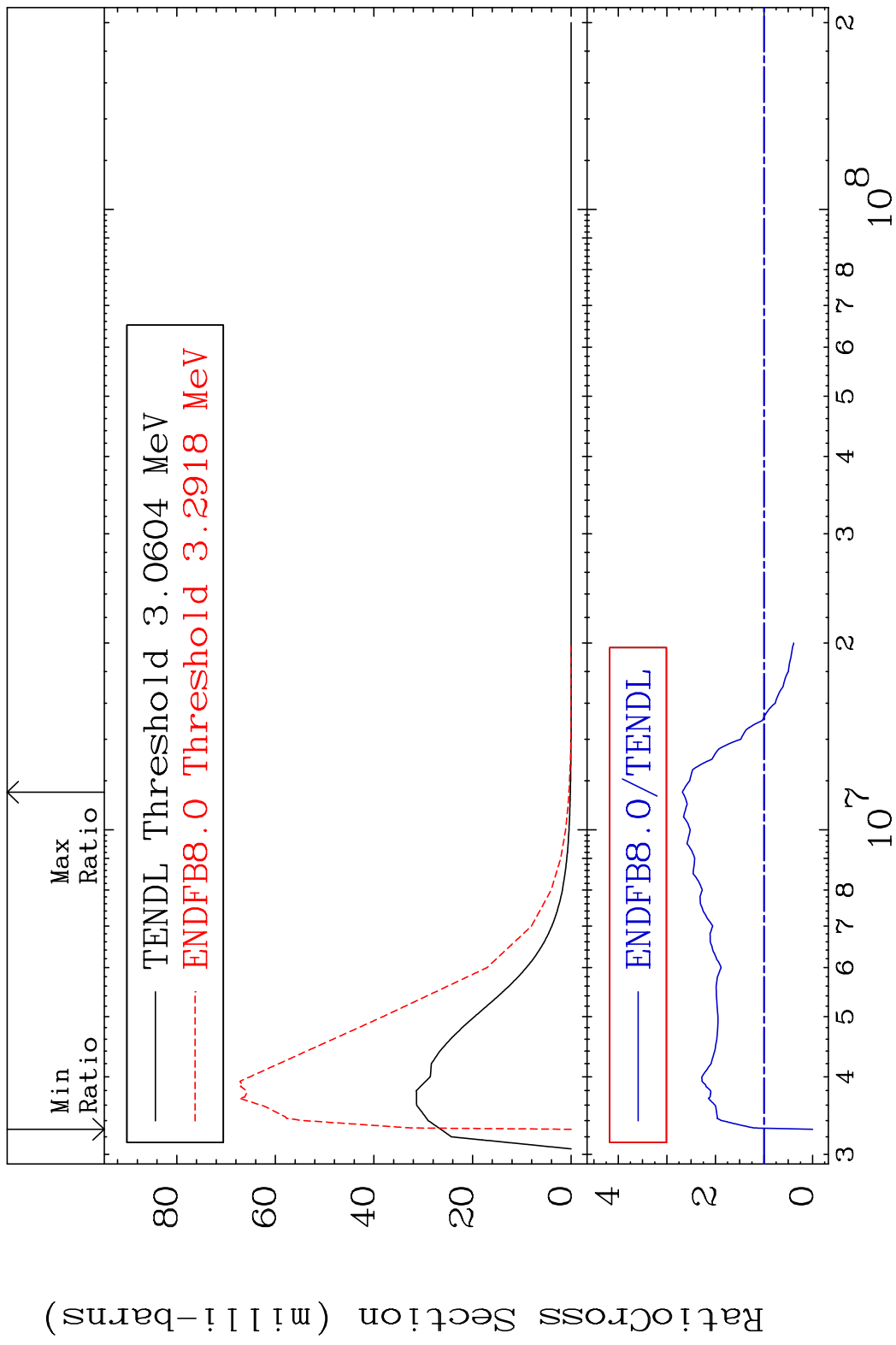
MAT 2231 MT= 54 (n, n') Level 22-Ti-48
 Cross Section -100.0 To 9999. %



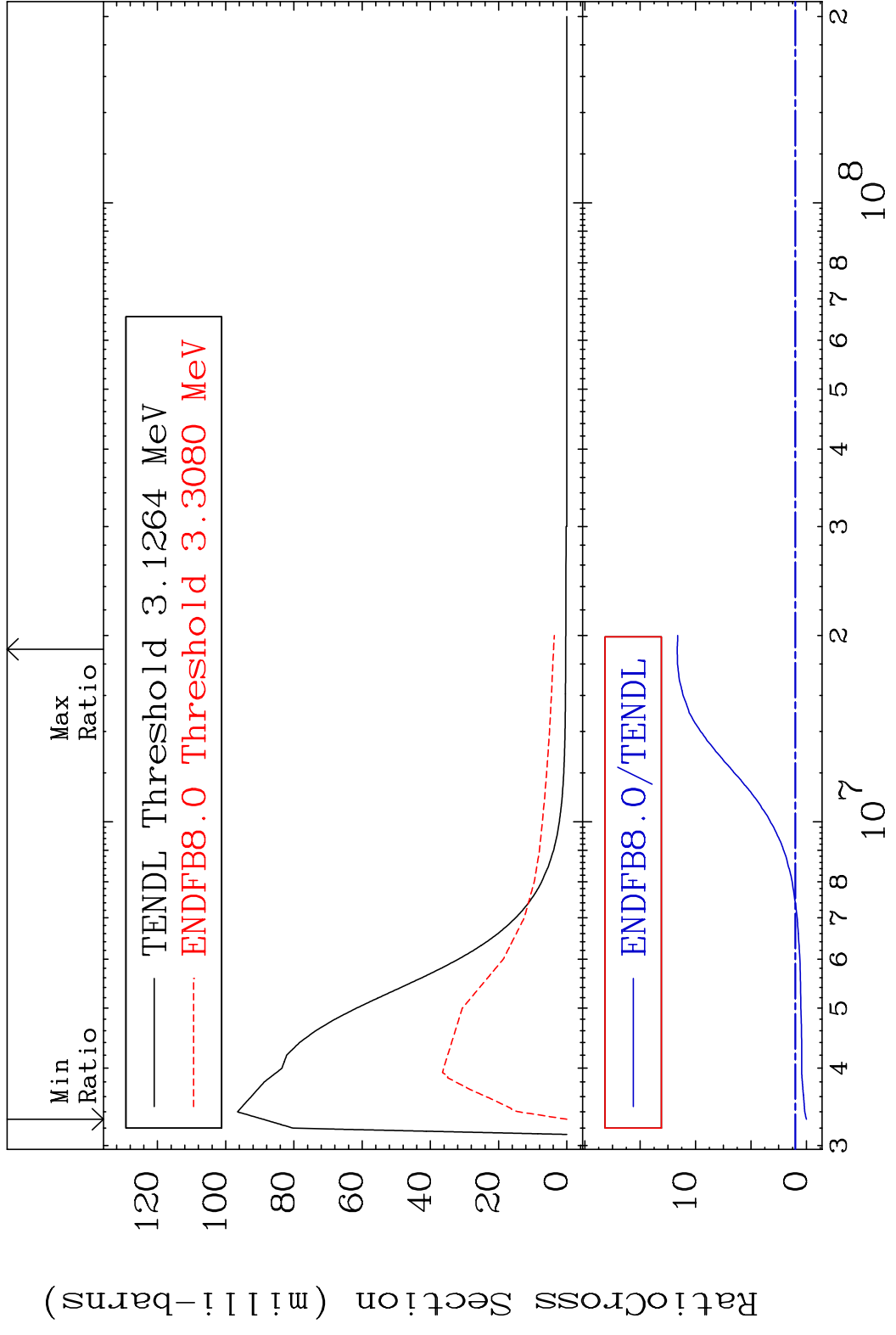
10

10 2 3 4 5 6 7 8 10 8

MAT 2231 MT= 55 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 168.1 %

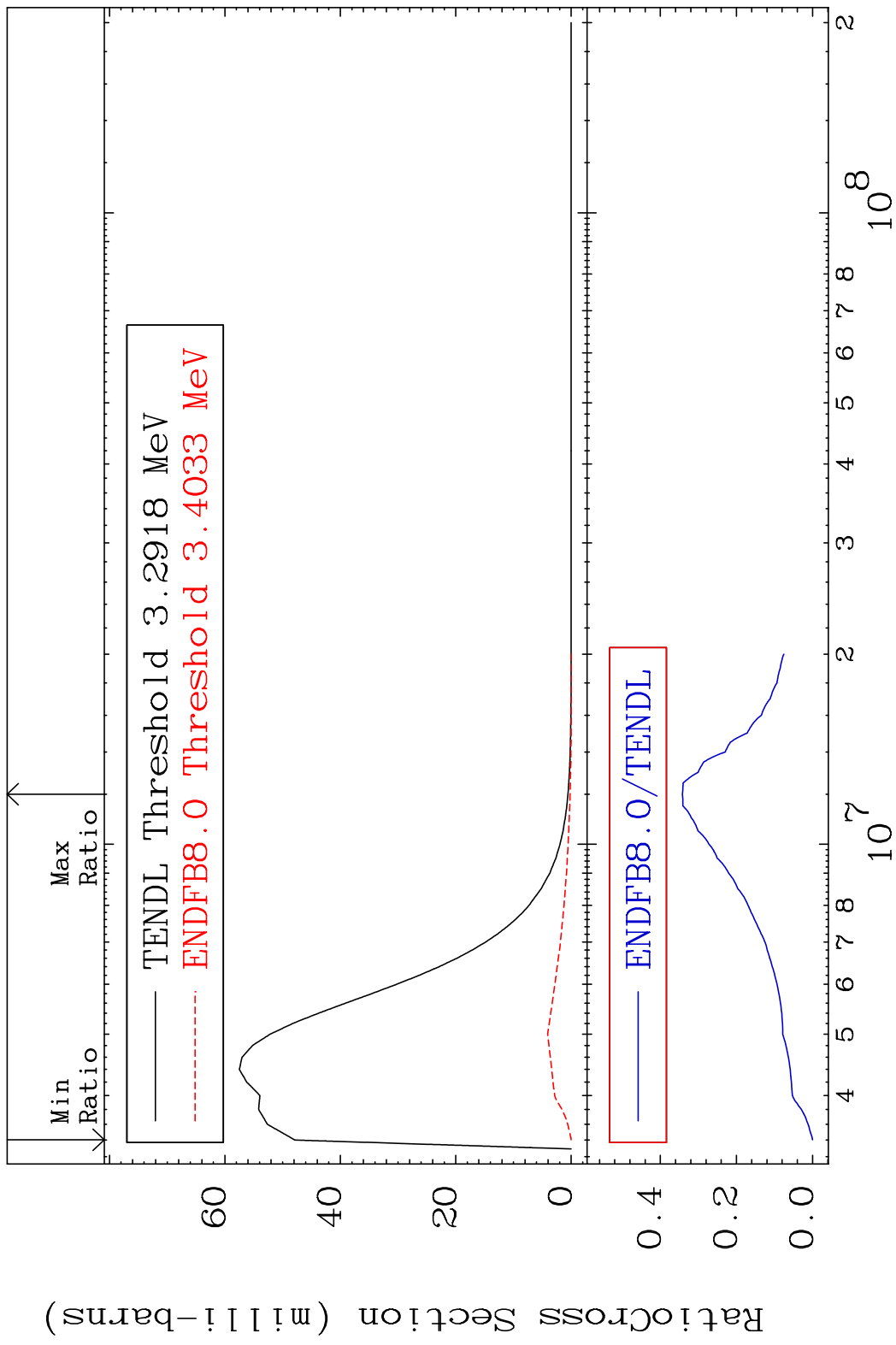


MAT 2231 MT= 56 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 1066. %

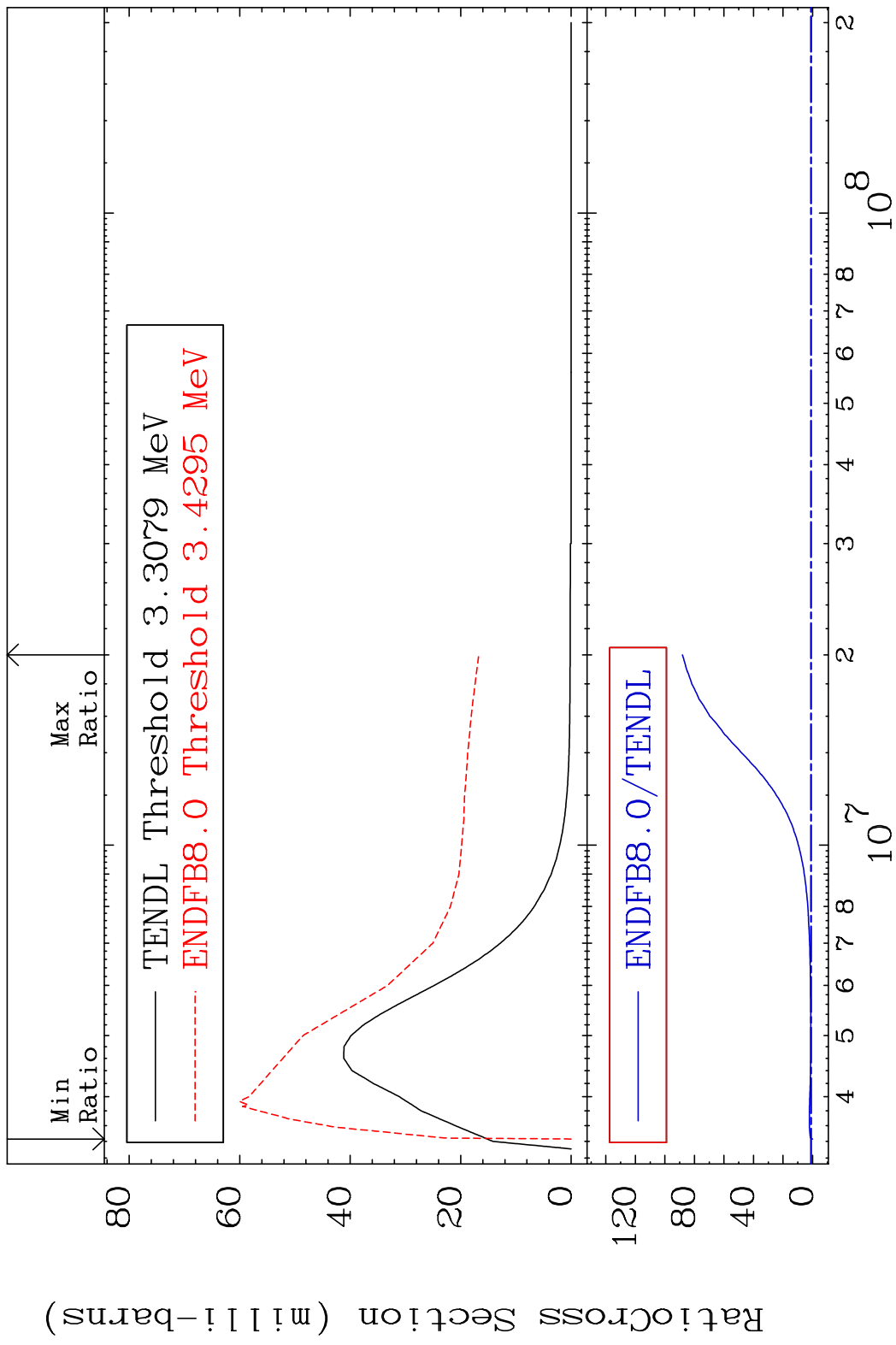


12 Incident Energy (eV) 22-Ti-48

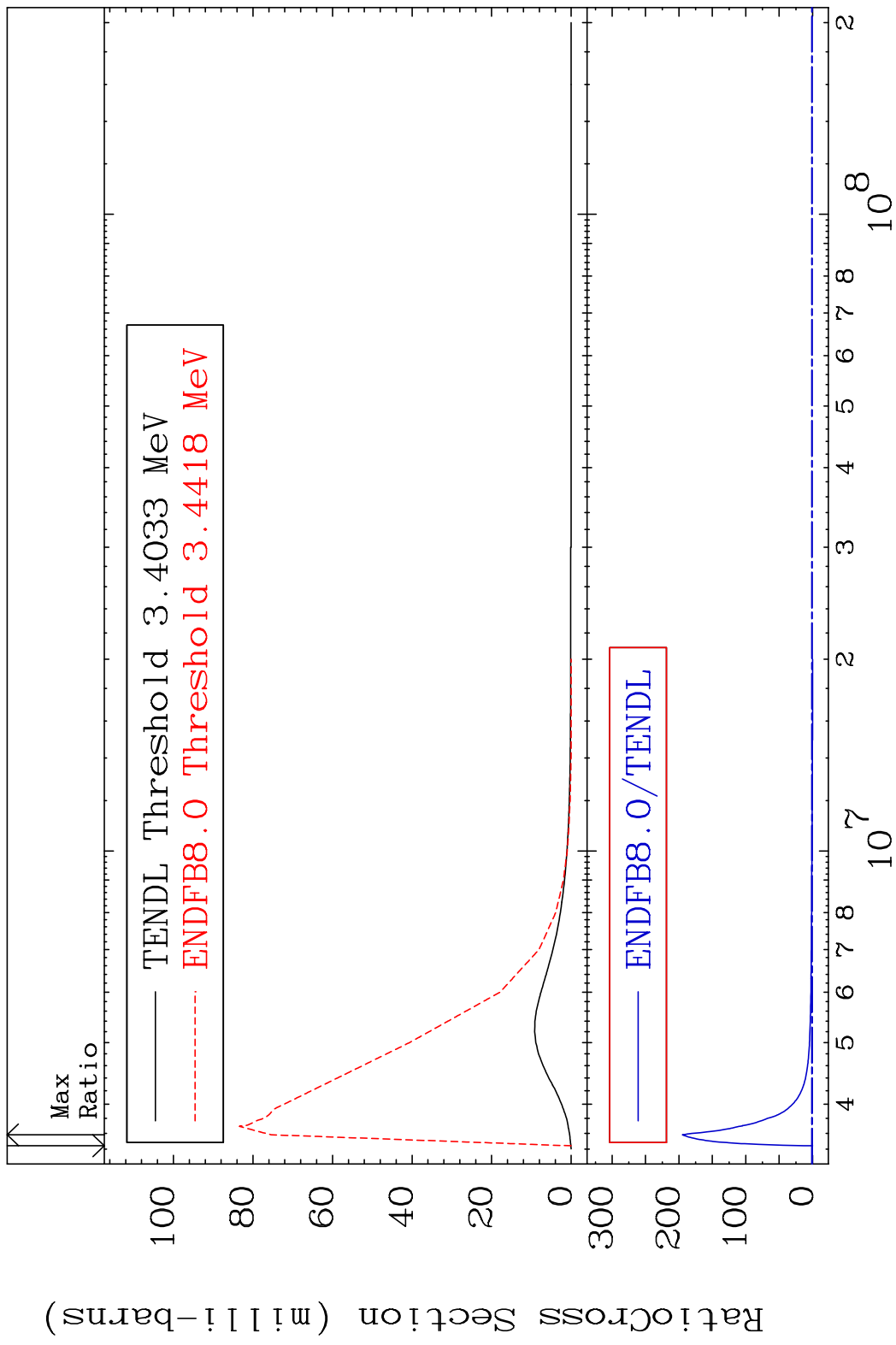
MAT 2231 MT= 57 (n,n') Level 22-Ti-48
 Cross Section -100.0 To -65.78%



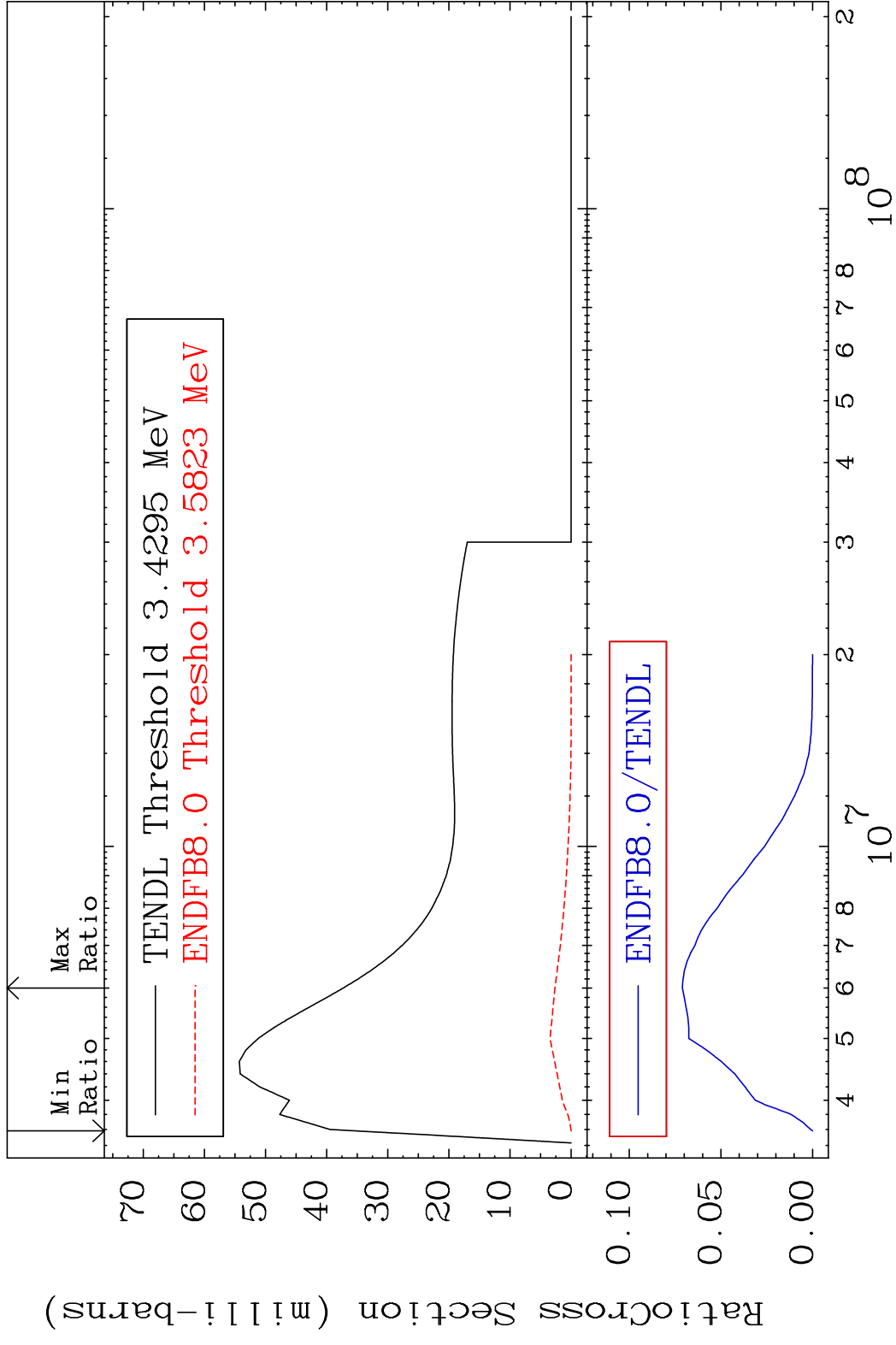
MAT 2231 MT= 58 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 8718. %



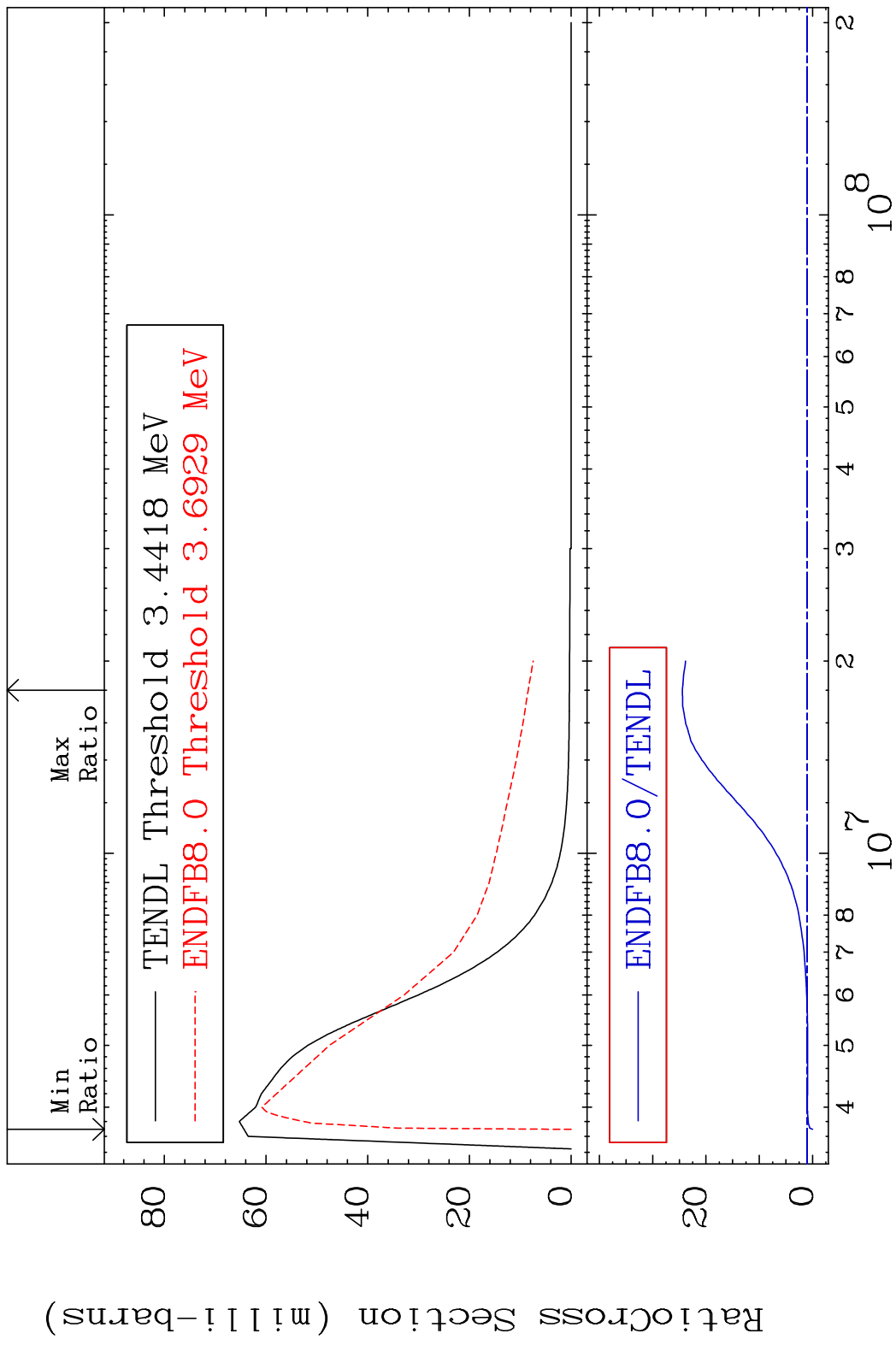
MAT 2231 MT= 59 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 9999. %



MAT 2231 MT= 60 (n,n') Level 22-Ti-48
 Cross Section -100.0 To -92.89%

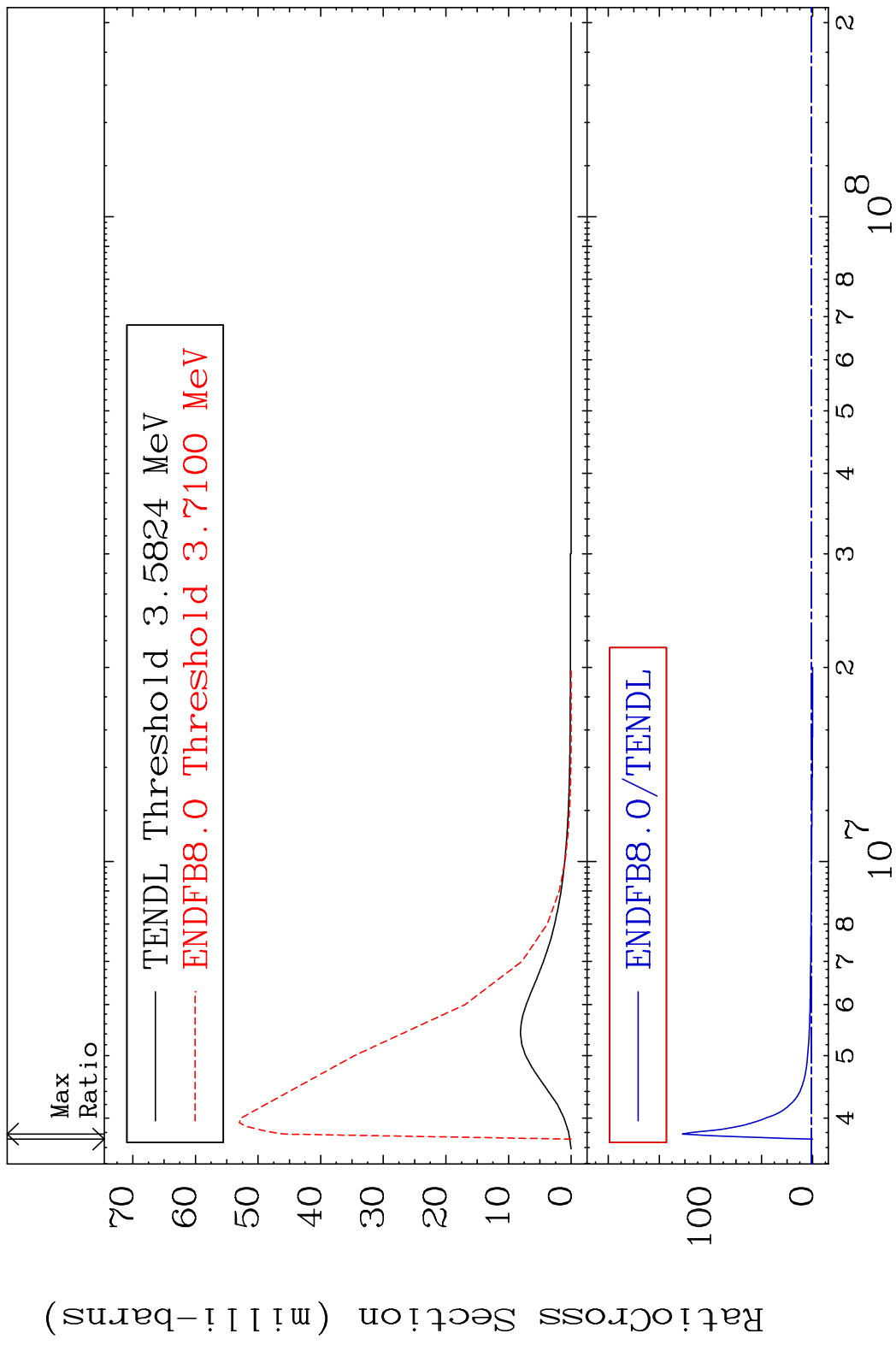


MAT 2231 MT= 61 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 2343. %

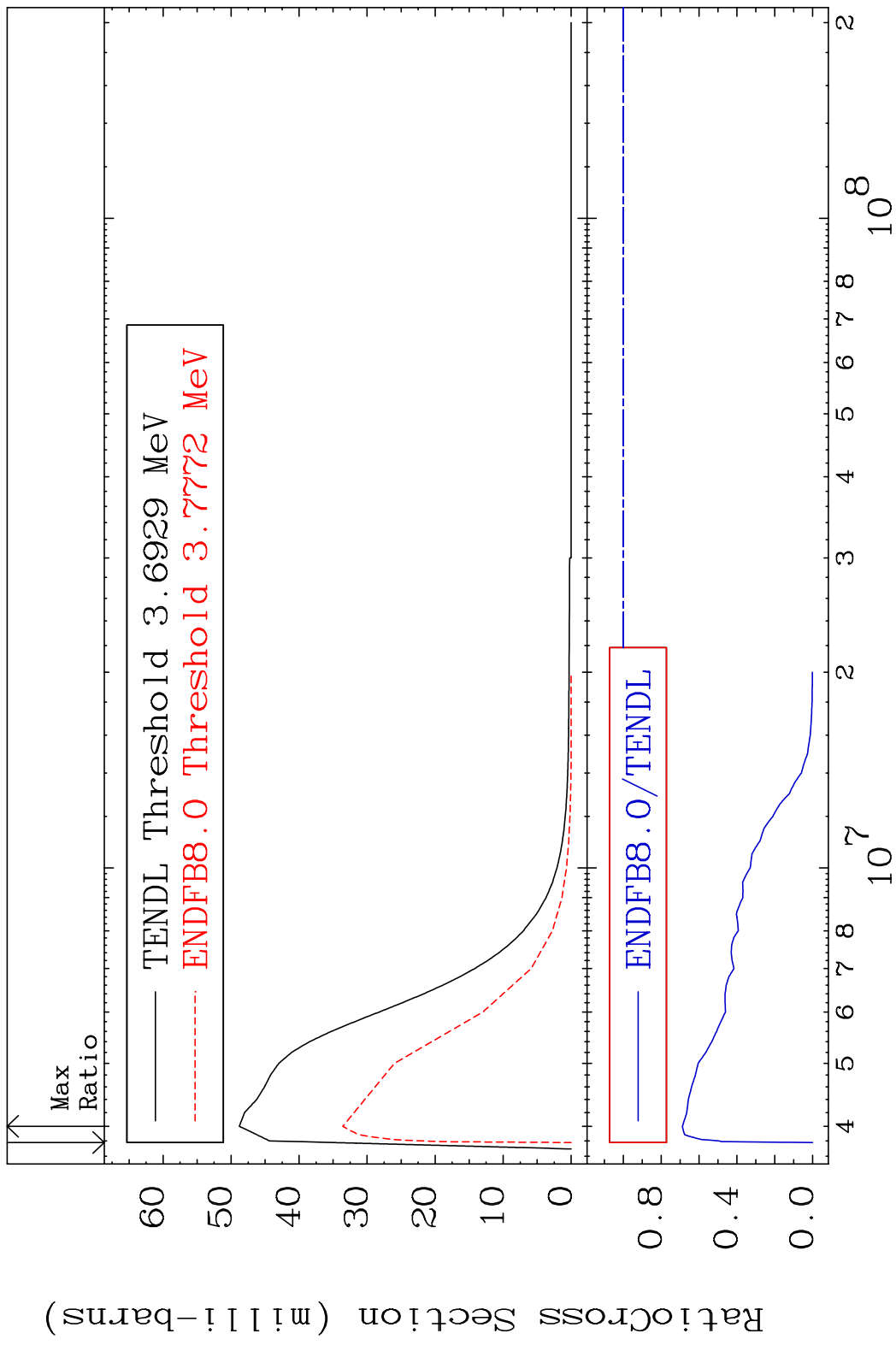


17 22-Ti-48

MAT 2231 MT= 62 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 9999. %

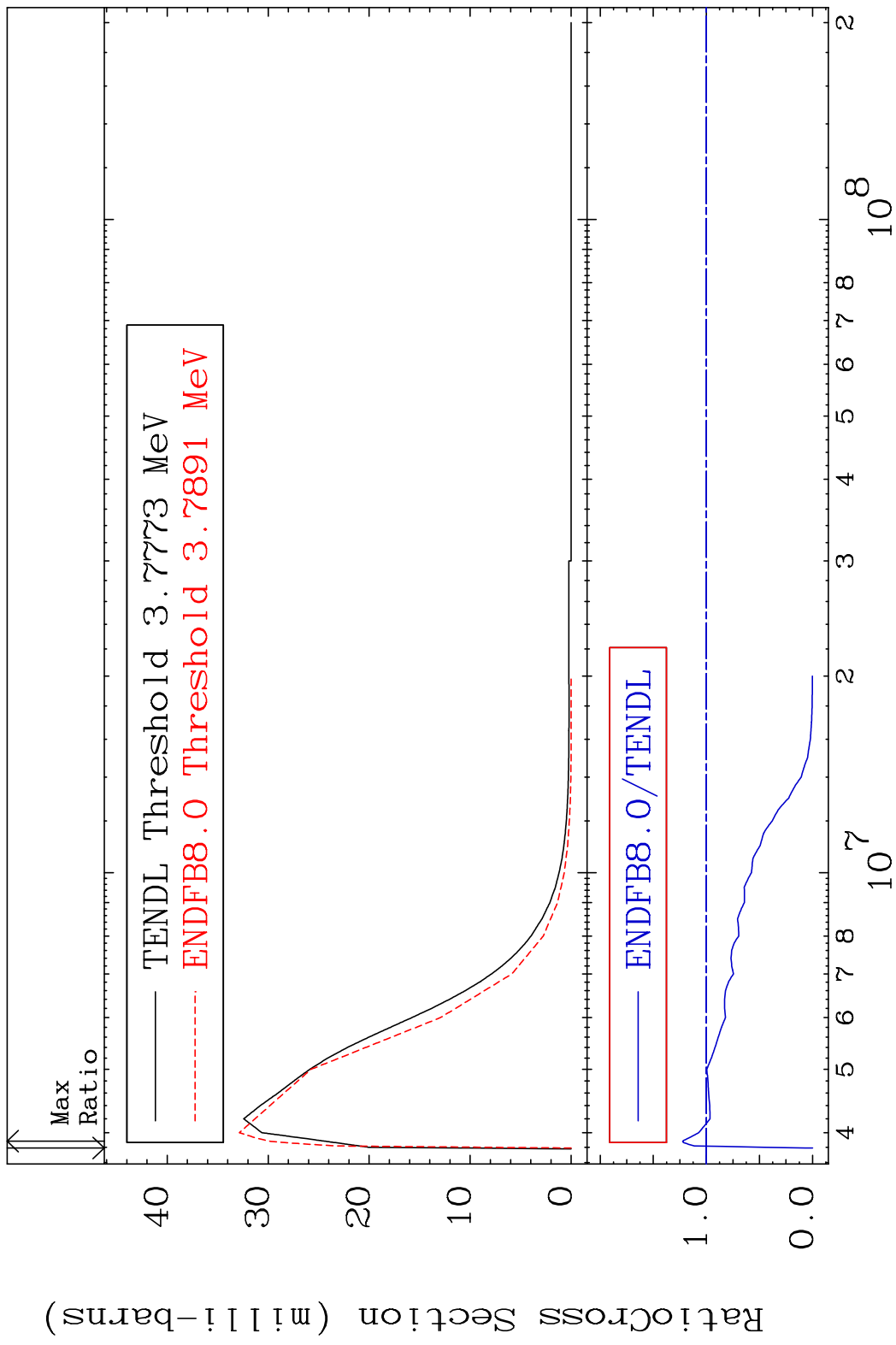


MAT 2231 MT= 63 (n,n') Level 22-Ti-48
 Cross Section -100.0 To -31.18%

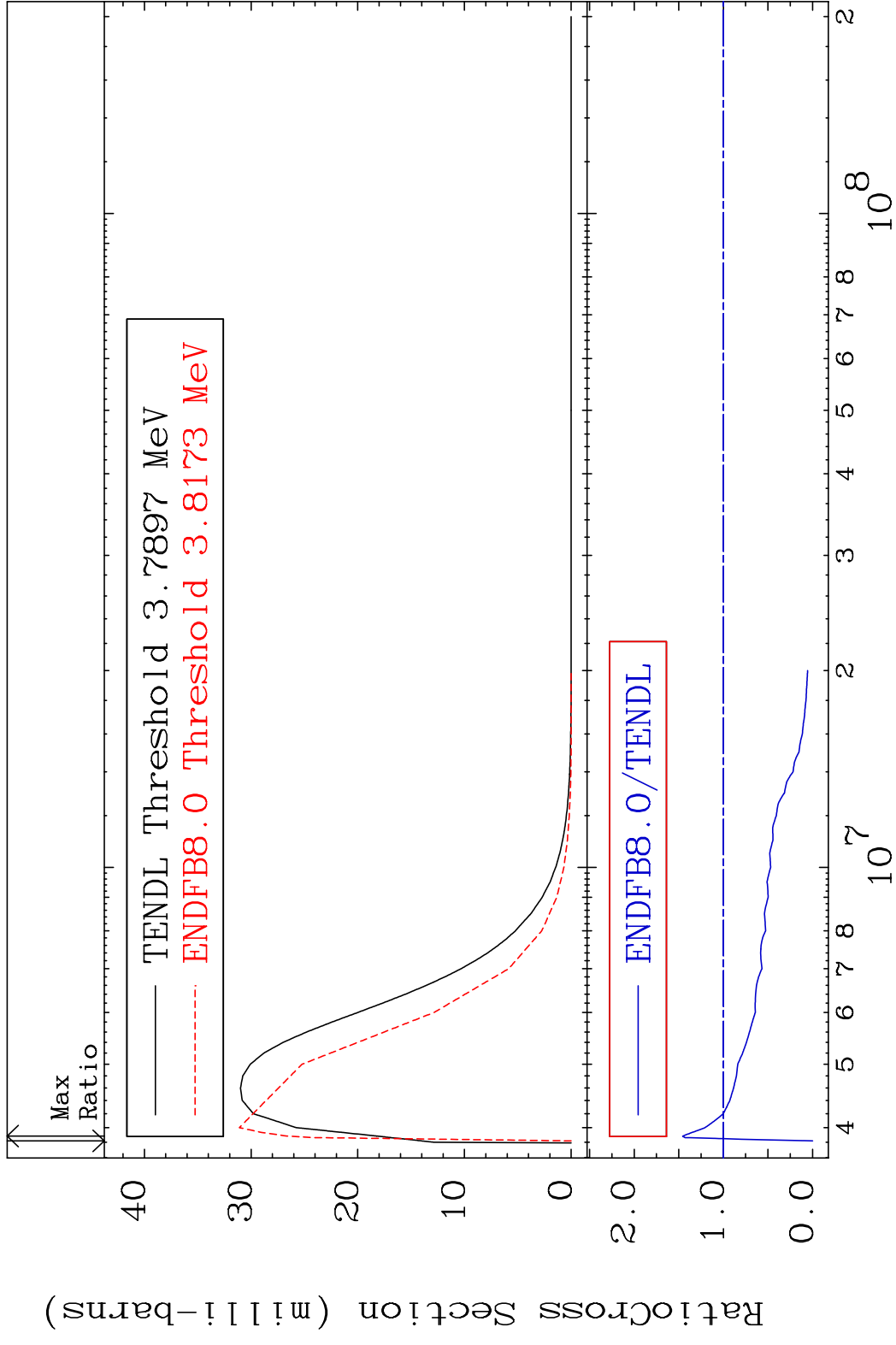


19 Incident Energy (eV) 22-Ti-48

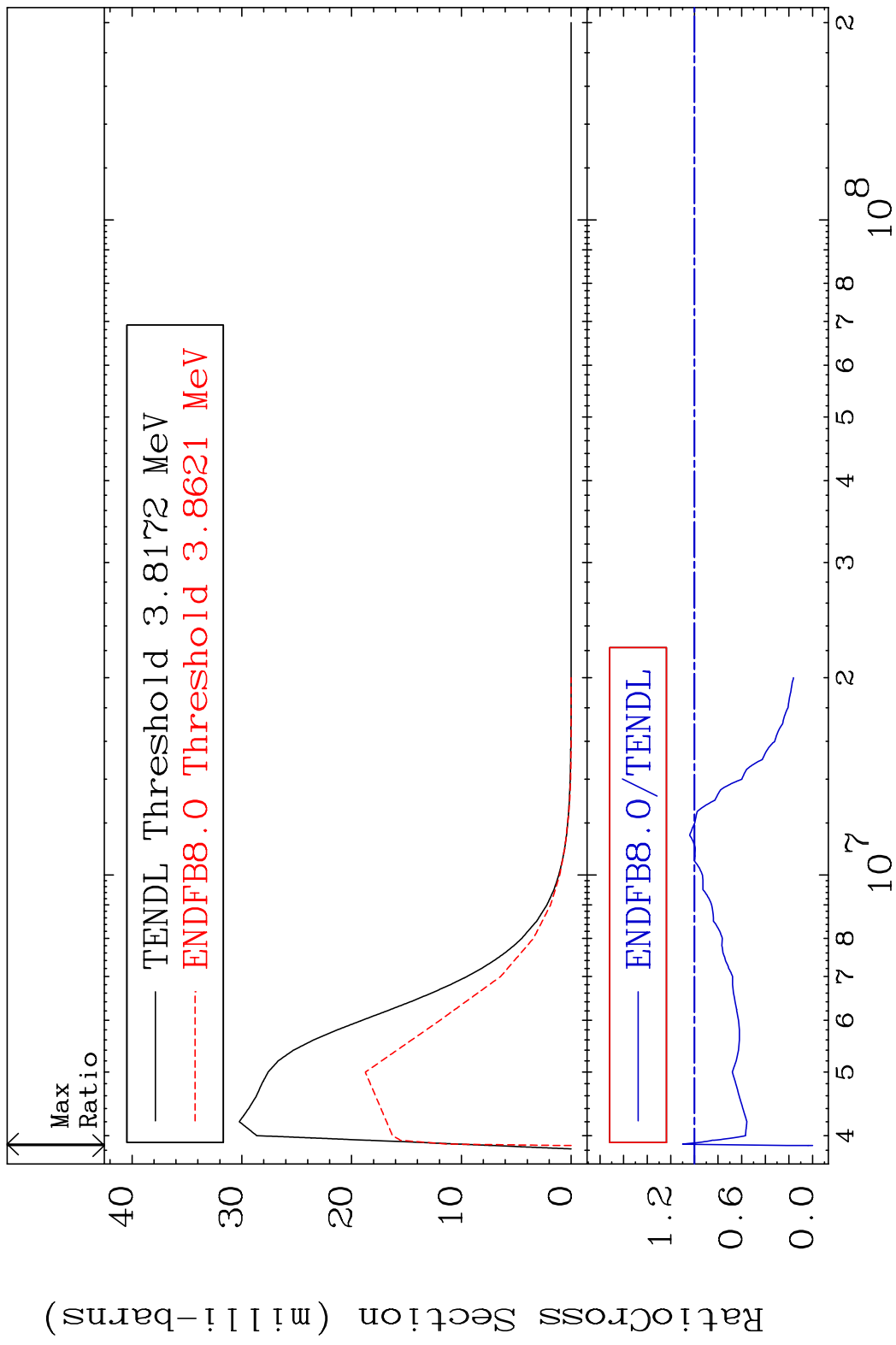
MAT 2231 MT= 64 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 22.62 %



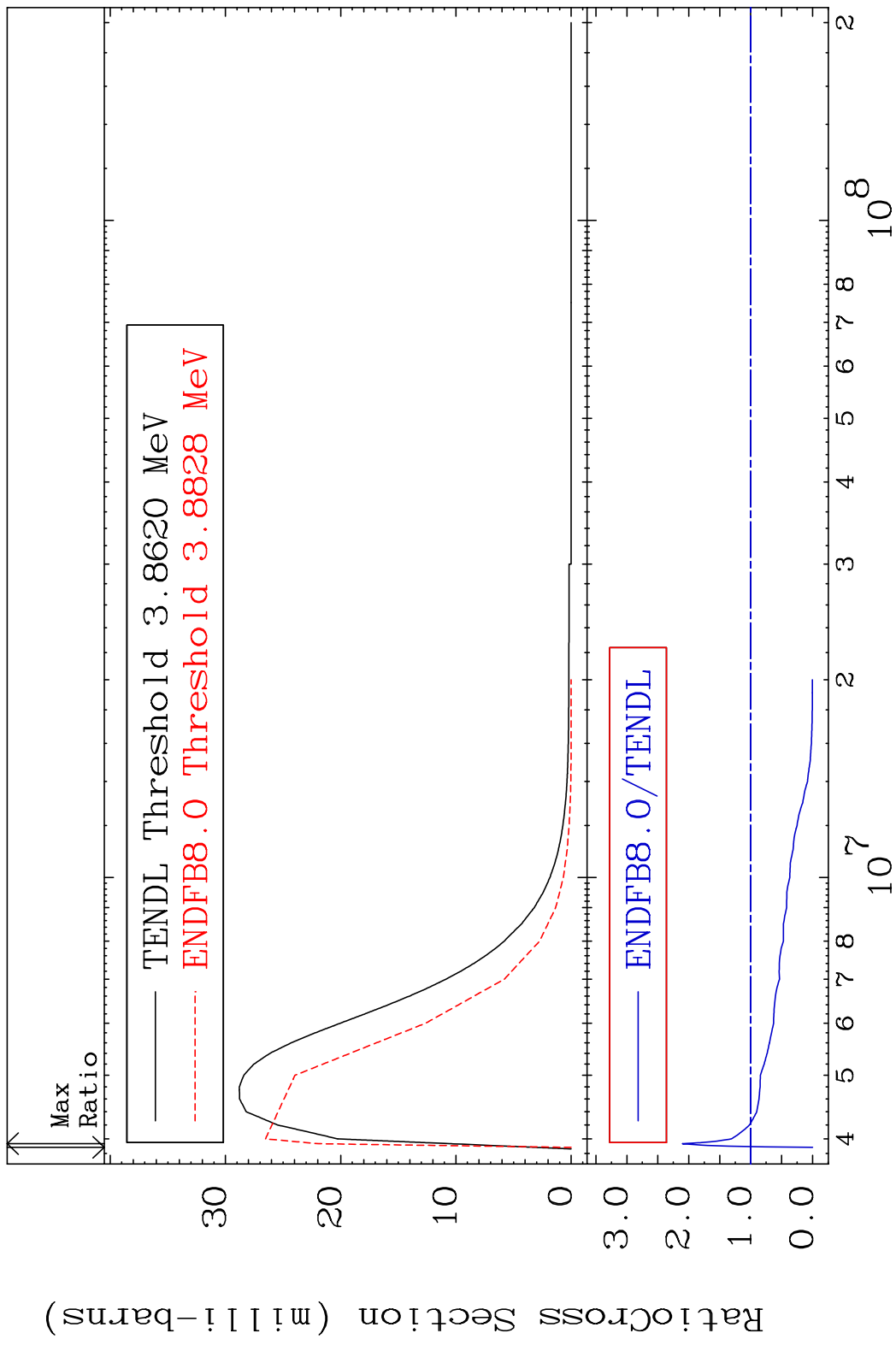
MAT 2231 MT= 65 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 45.99 %



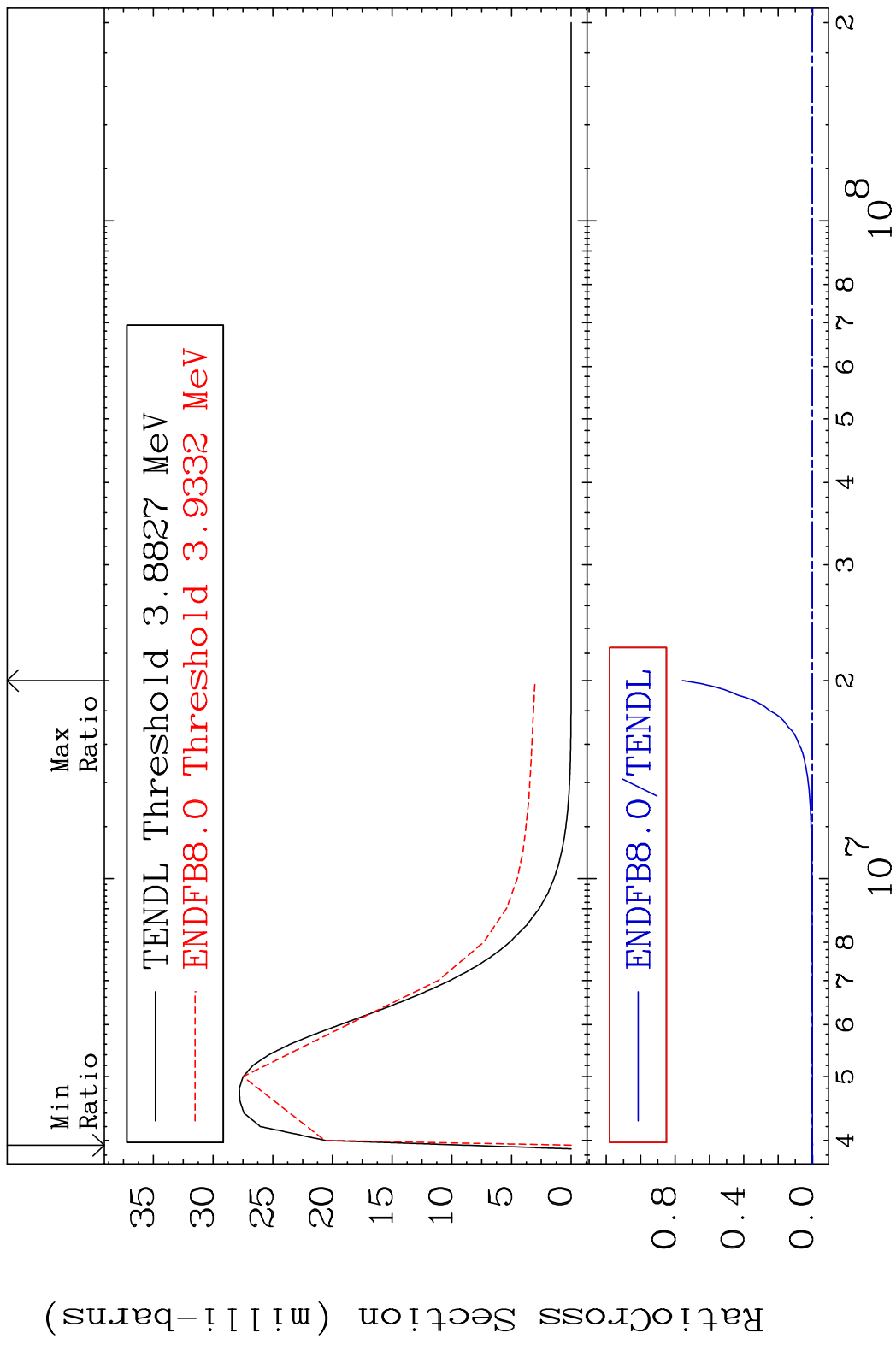
MAT 2231 MT= 66 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 10.25 %



MAT 2231 MT= 67 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 110.4 %



MAT 2231 MT= 68 (n,n') Level 22-Ti-48
 Cross Section -100.0 To 9999. %

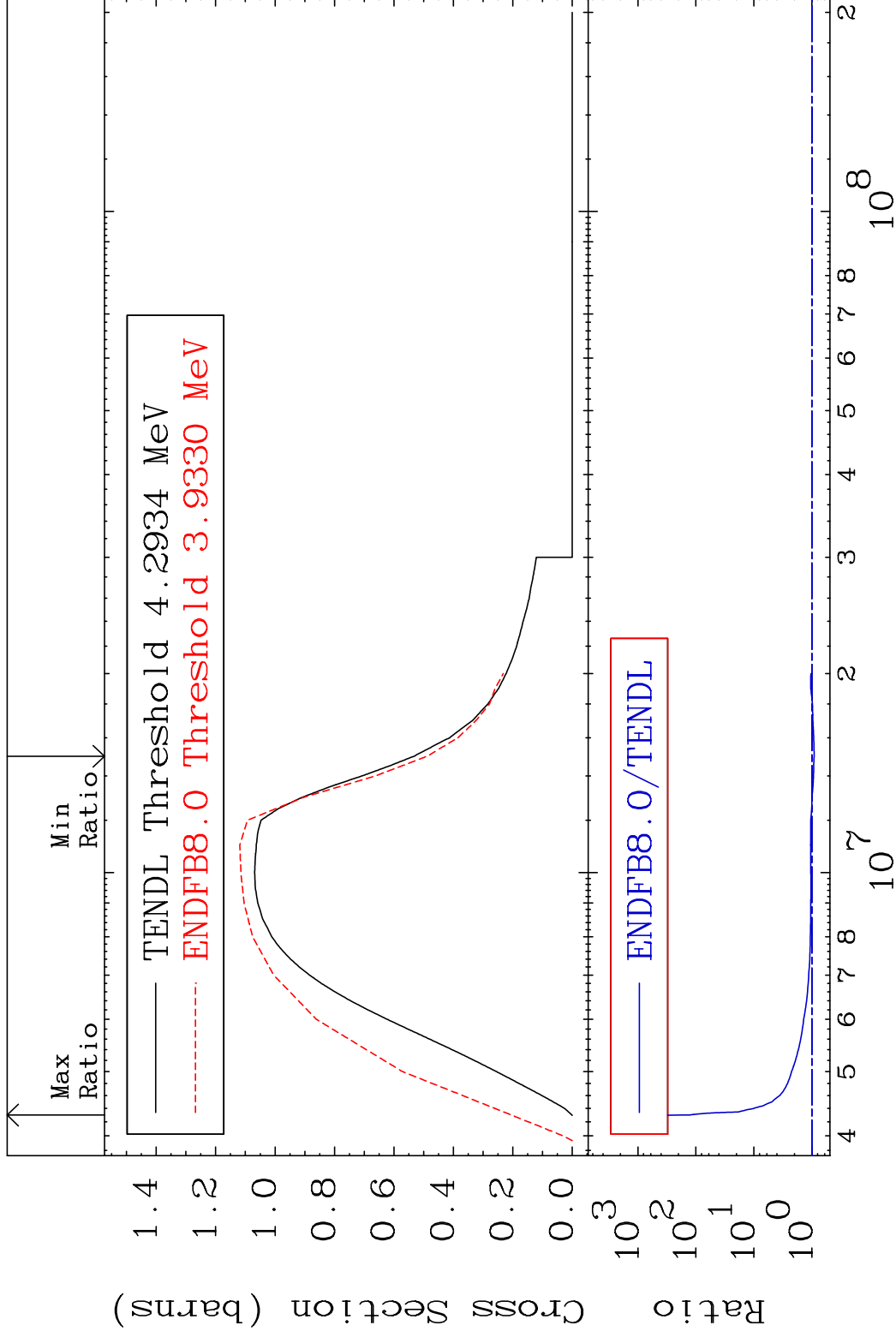


MAT 2231

(n,n') Continuum

22-Ti-48

Cross Section -8.386 To 9999. %



25

Incident Energy (eV)

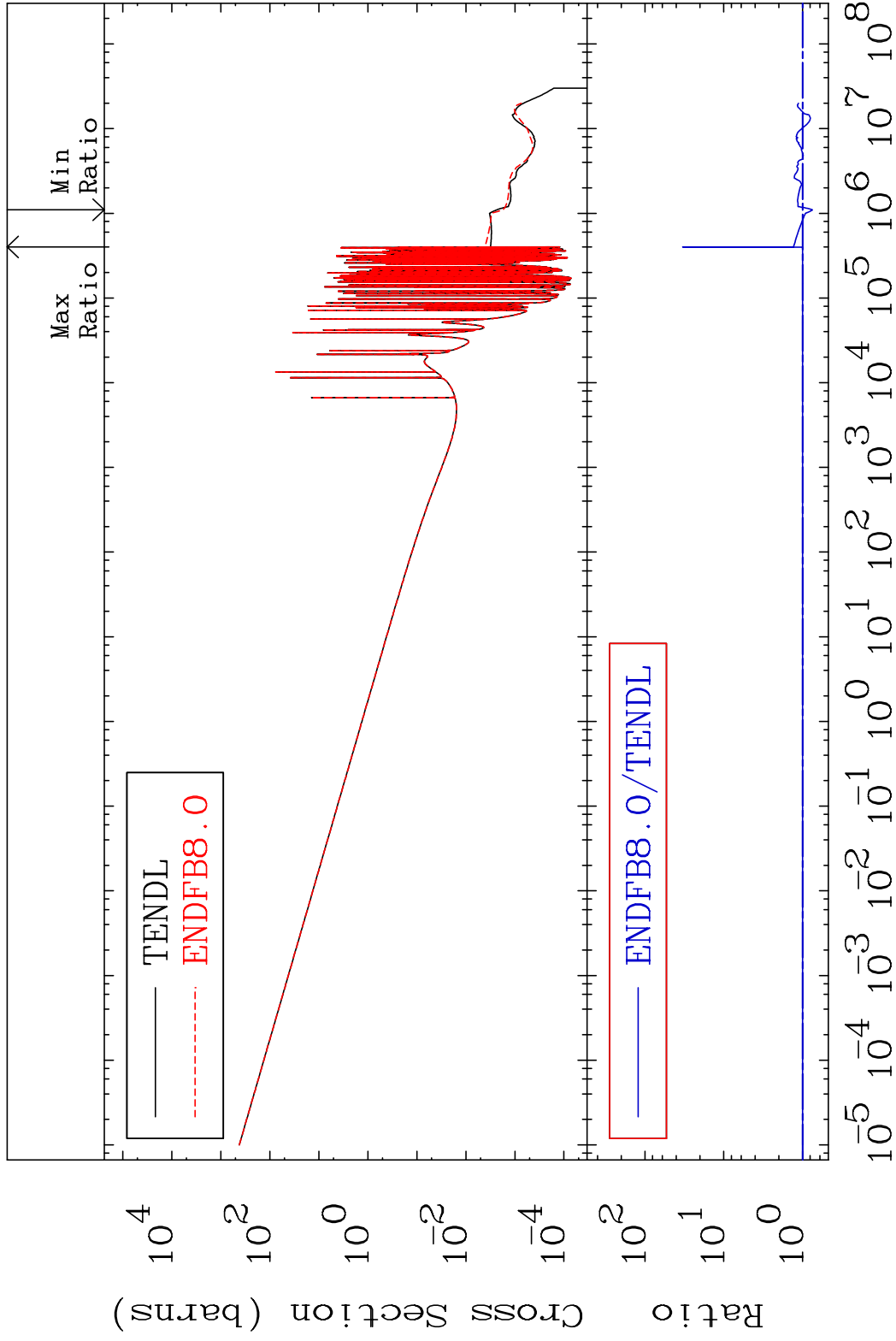
22-Ti-48

MAT 2231

(n, γ)

22-Ti-48

Cross Section -25.46 To 3251. %

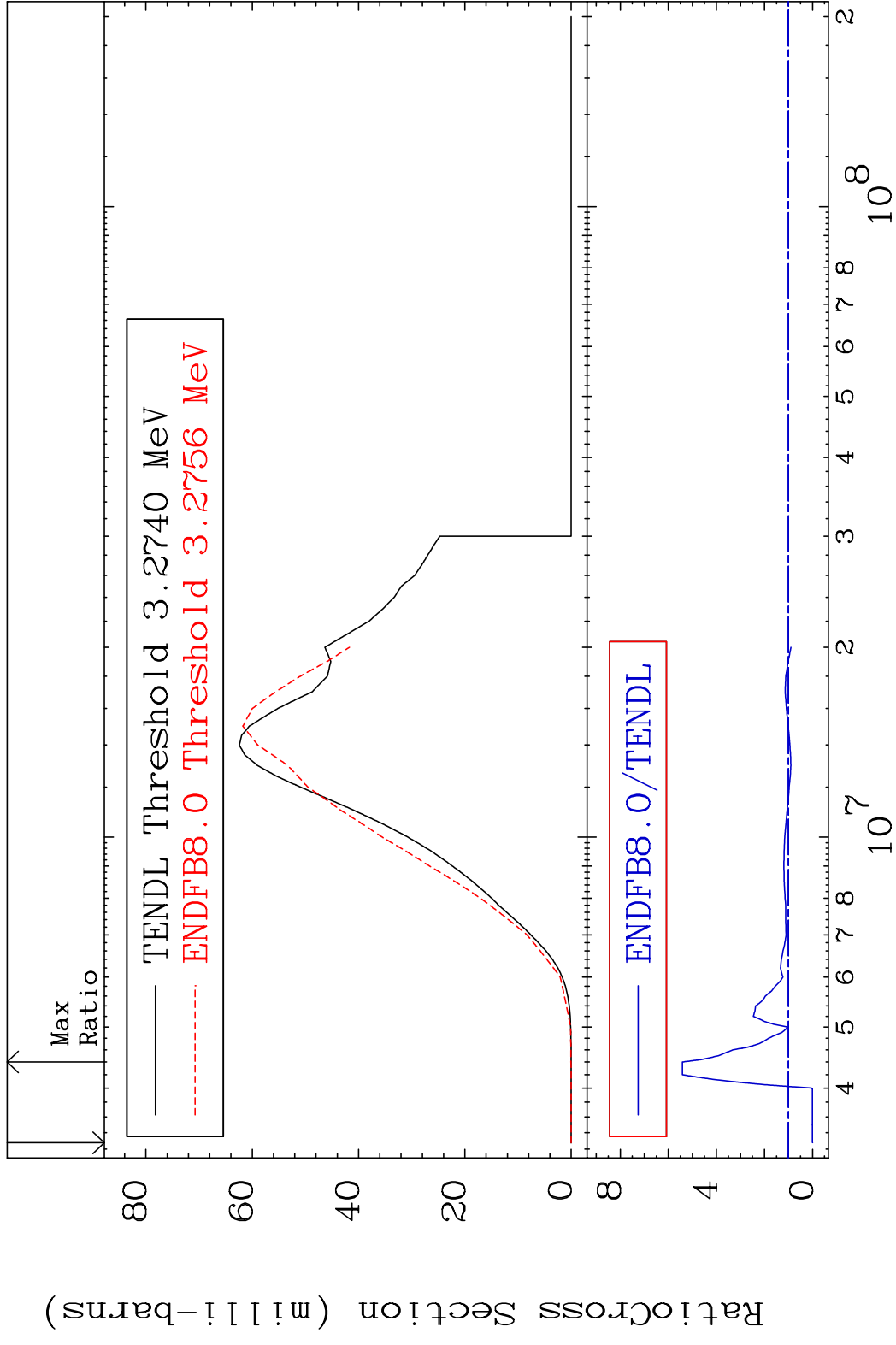


26

Incident Energy (eV)

22-Ti-48

MAT 2231 (n,p) 22-Ti-48
 Cross Section -100.0 To 441.7 %

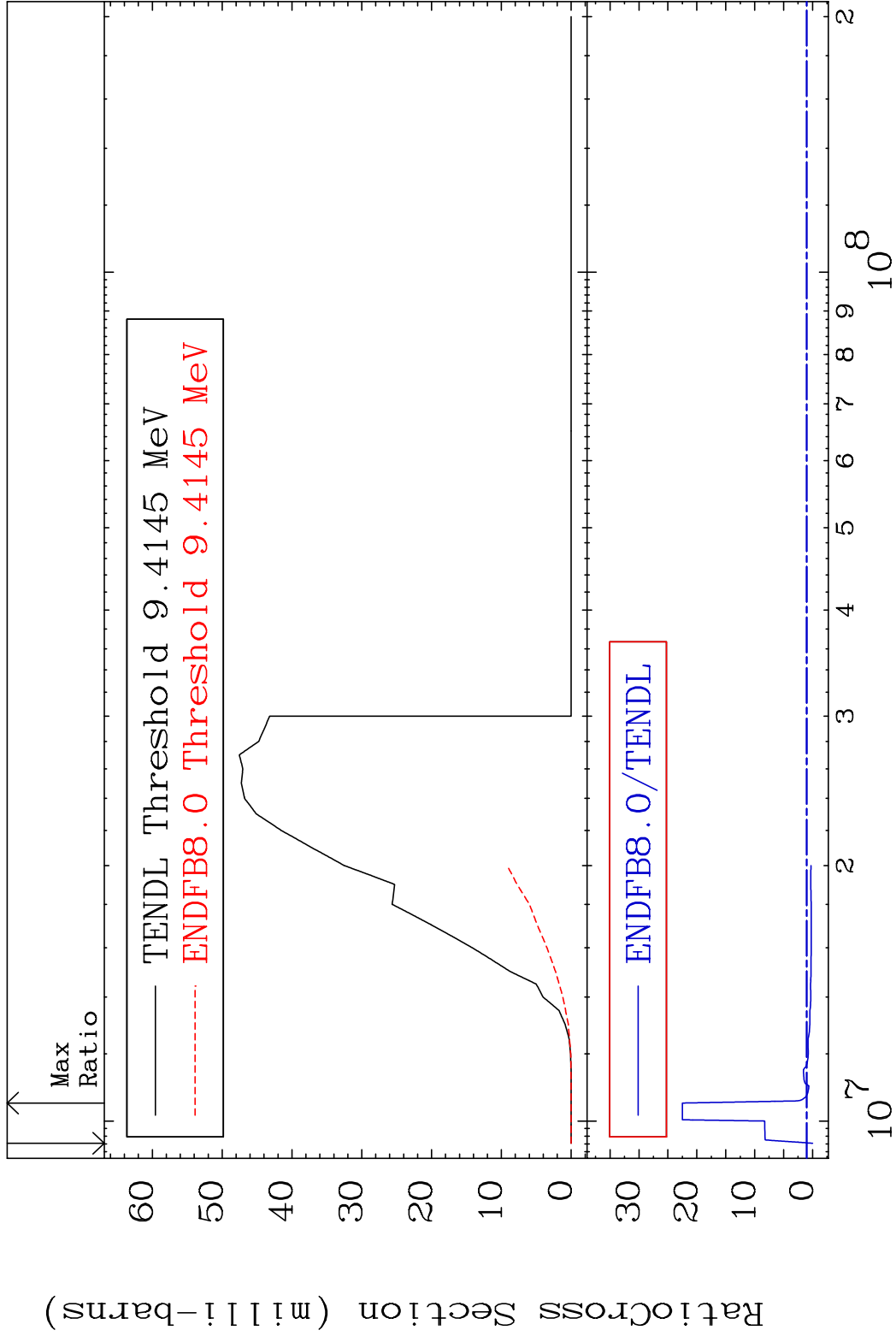


MAT 2231

(n,d)

22-Ti-48

Cross Section -100.0 To 2150. %



28

Incident Energy (eV)

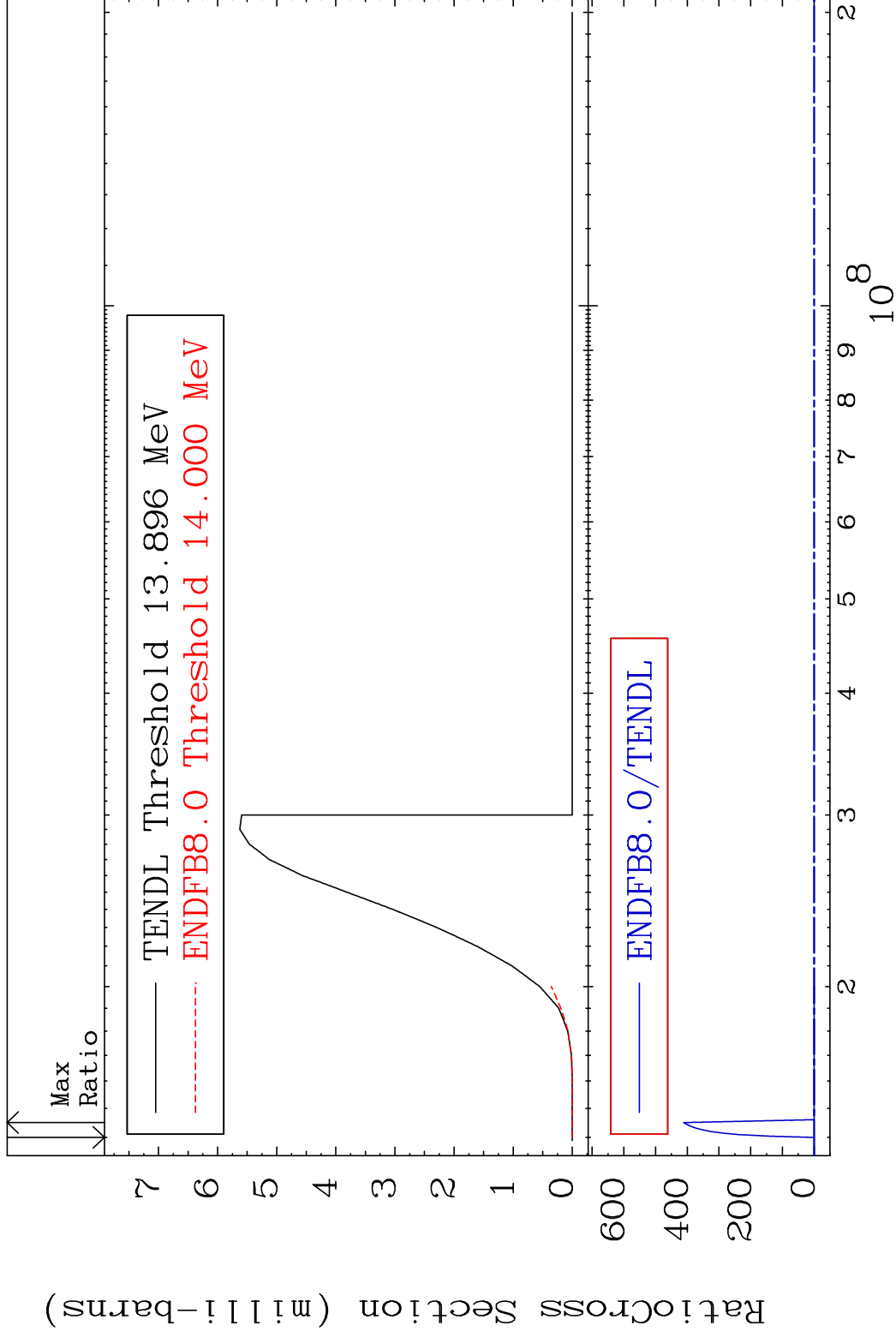
22-Ti-48

MAT 2231

(n, t)

22-Ti-48

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

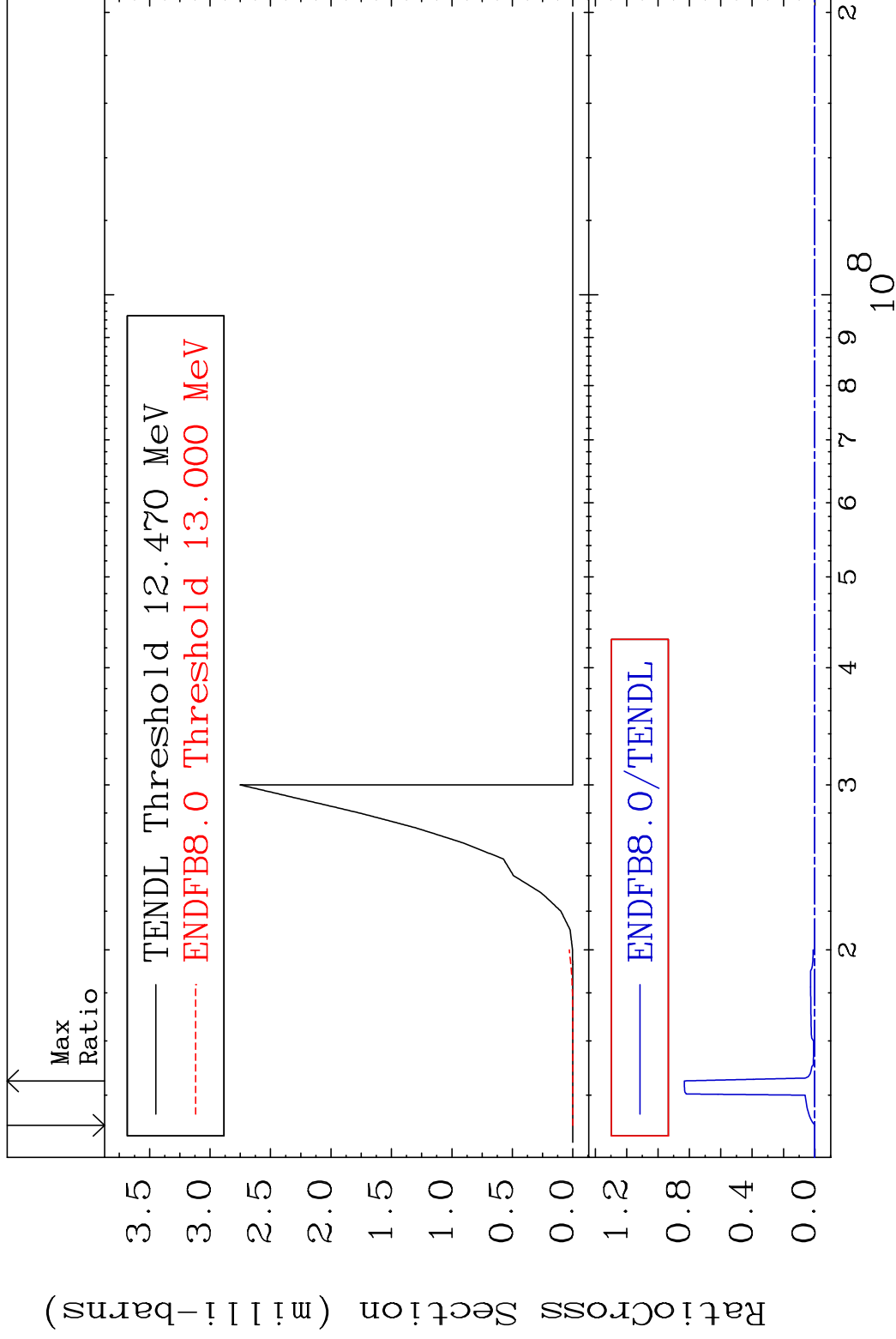
22-Ti-48

MAT 2231

(n, He-3)

²²Ti-48

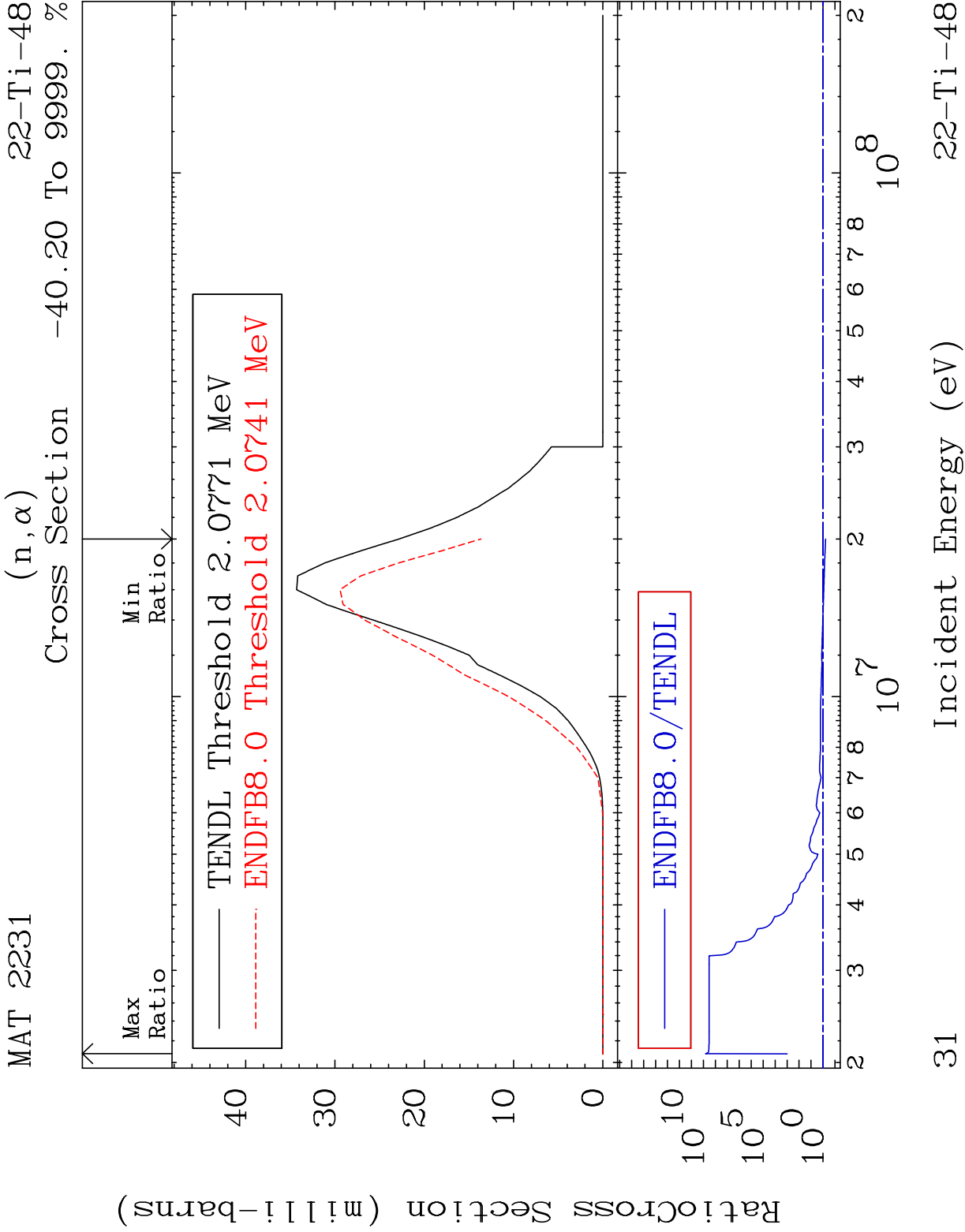
Cross Section -100.0 To 9999. %



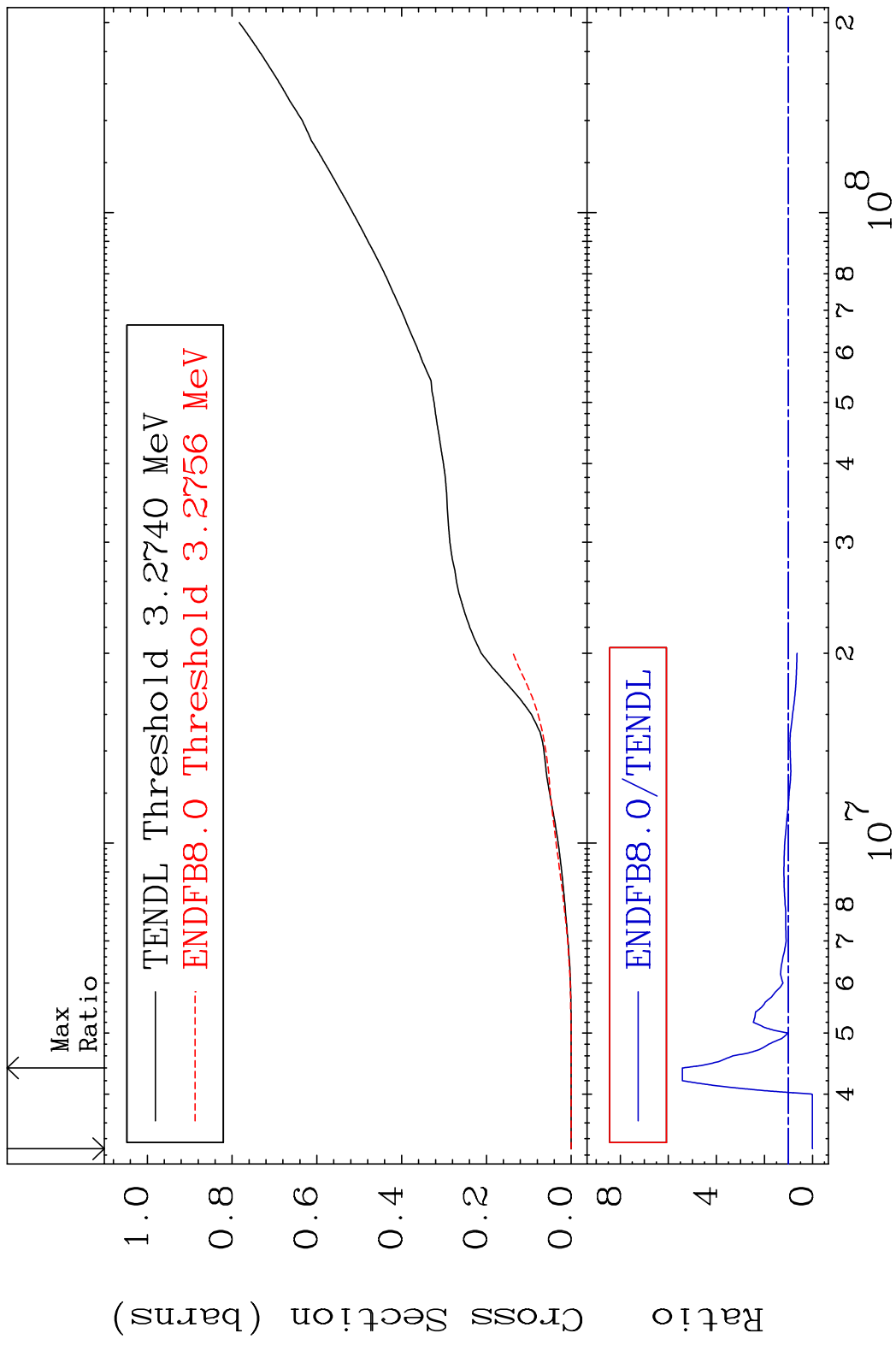
30

Incident Energy (eV)

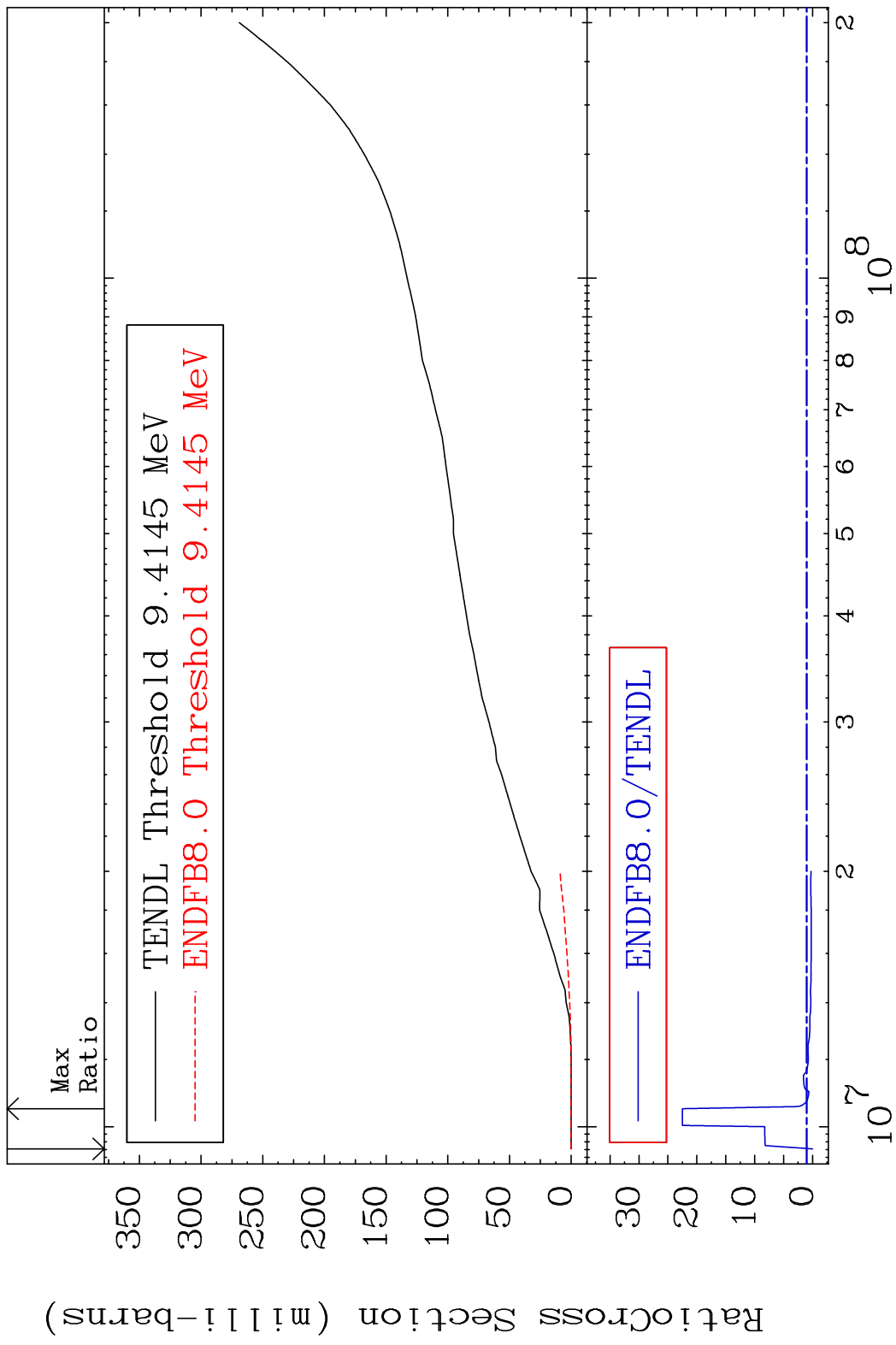
²²Ti-48



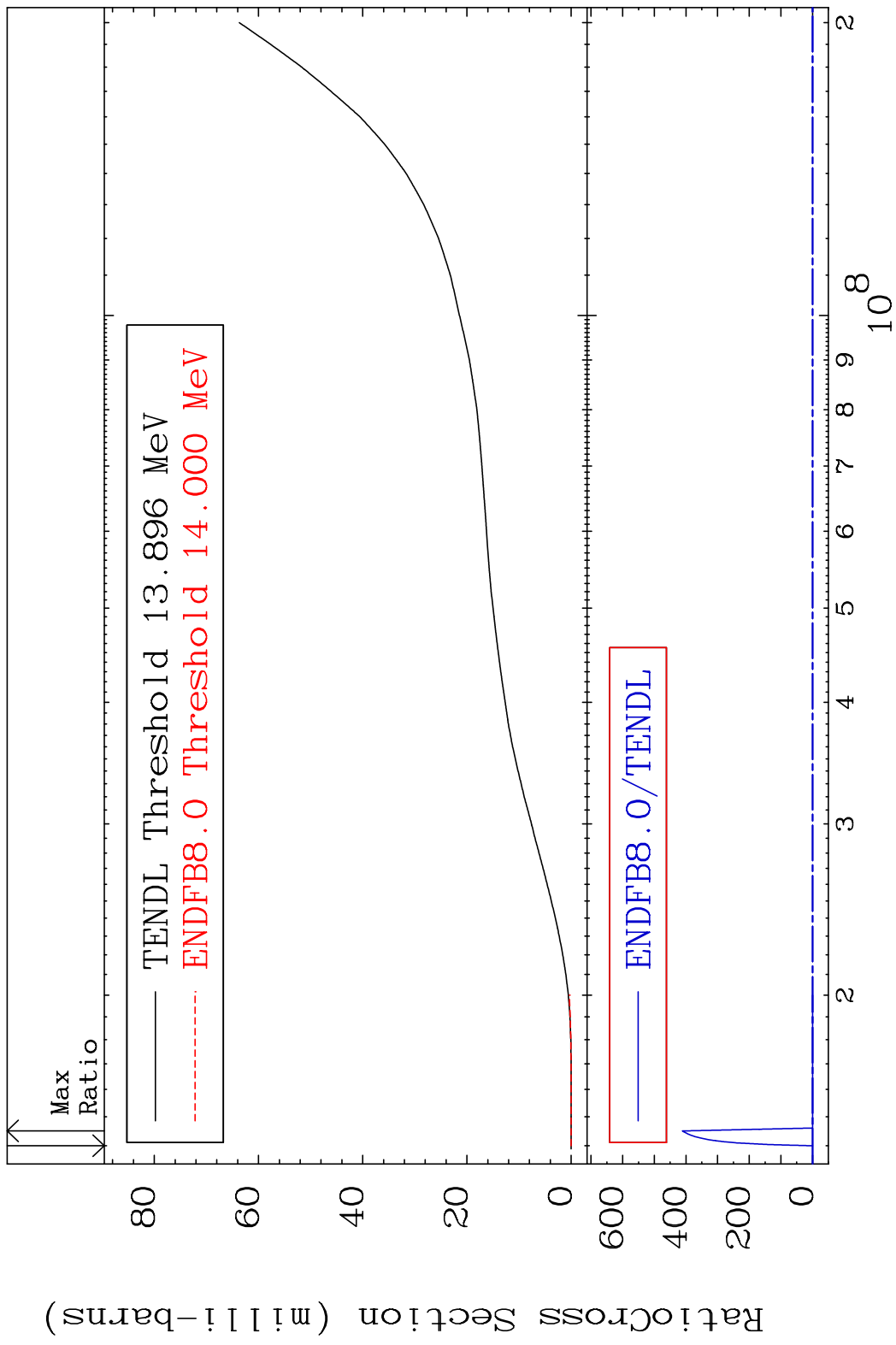
MAT 2231 Hydrogen Production $^{22}\text{Ti-48}$
 Cross Section -100.0 To 441.7 %



MAT 2231 Deuterium Production ²²Ti-48
 Cross Section -100.0 To 2150. %



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

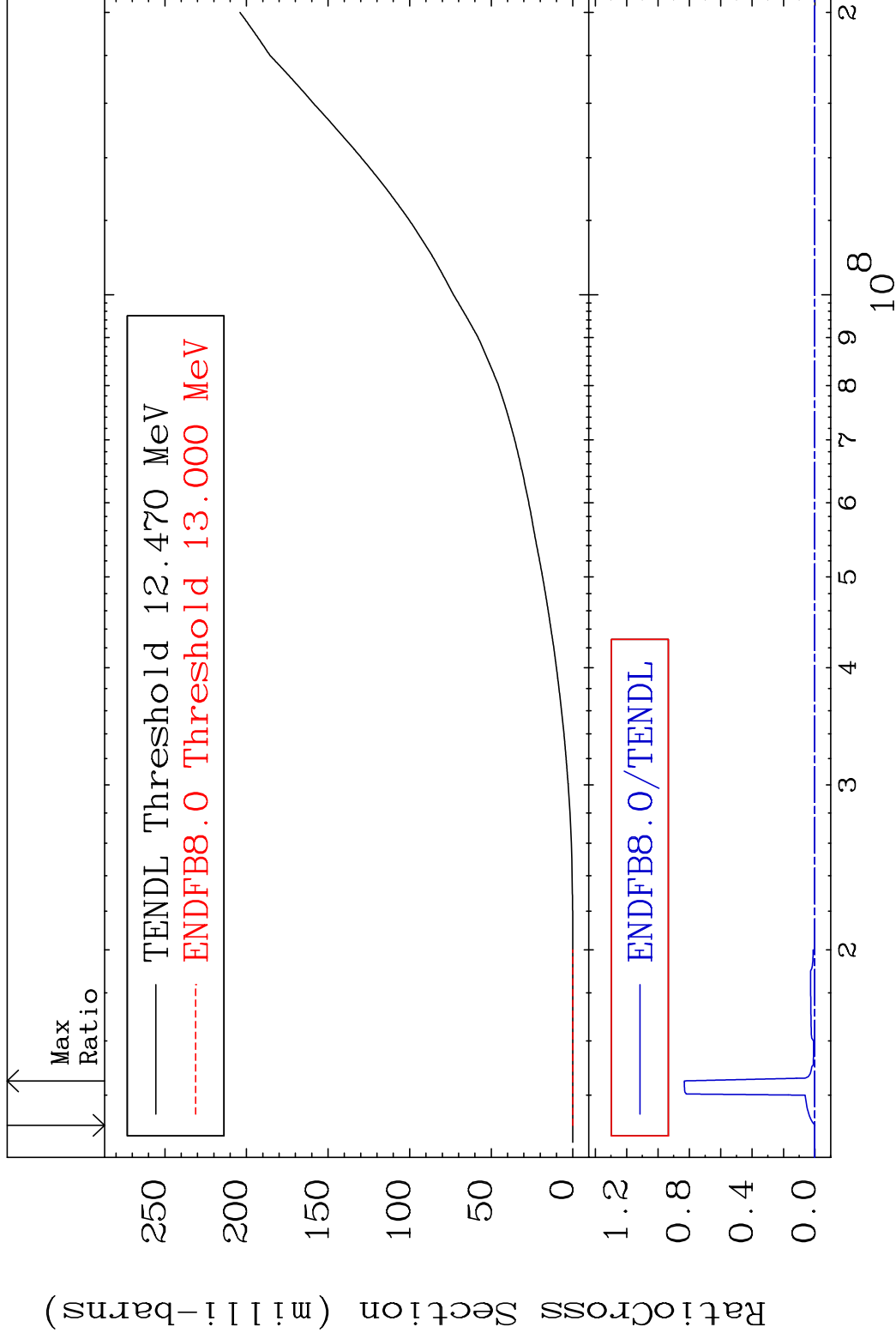


MAT 2231

He-3 Production

²²Ti-48

Cross Section -100.0 To 9999. %

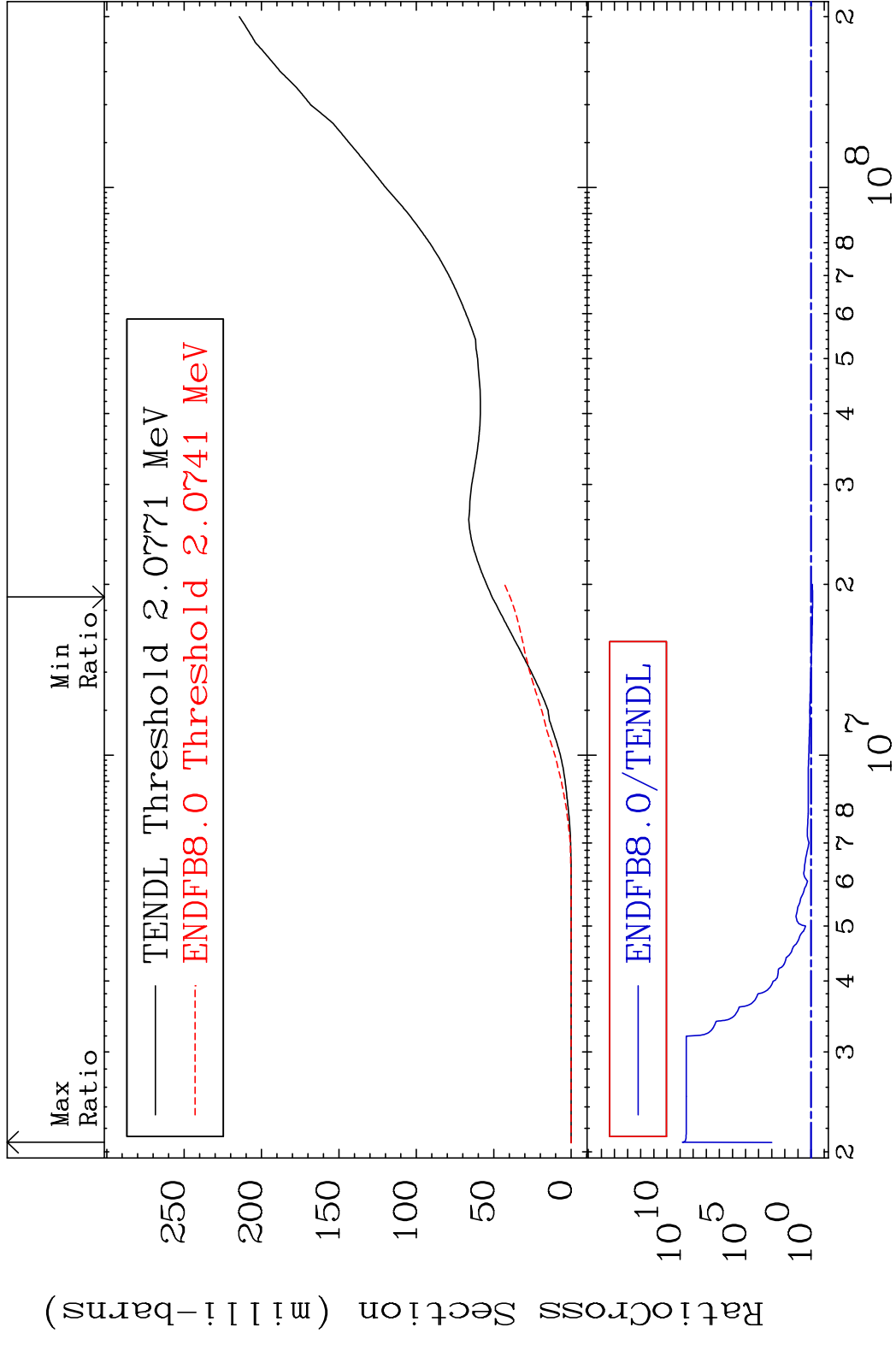


35

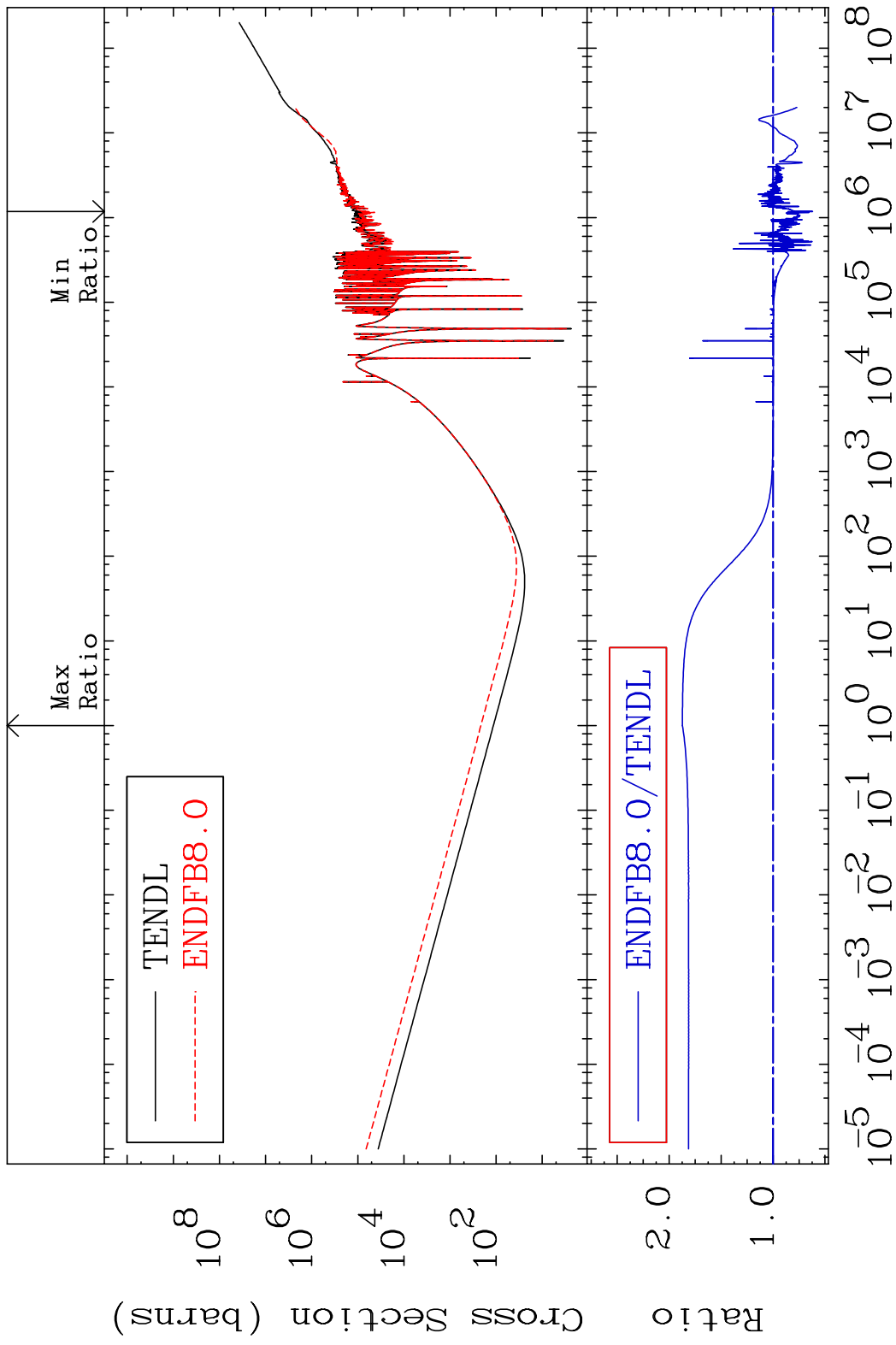
Incident Energy (eV)

²²Ti-48

MAT 2231 He-4 Production 22-Ti-48
 Cross Section -22.81 To 9999. %



MAT 2231 Kerma total (eV-barns) 22-Ti-48
 Cross Section -37.99 To 87.31 %

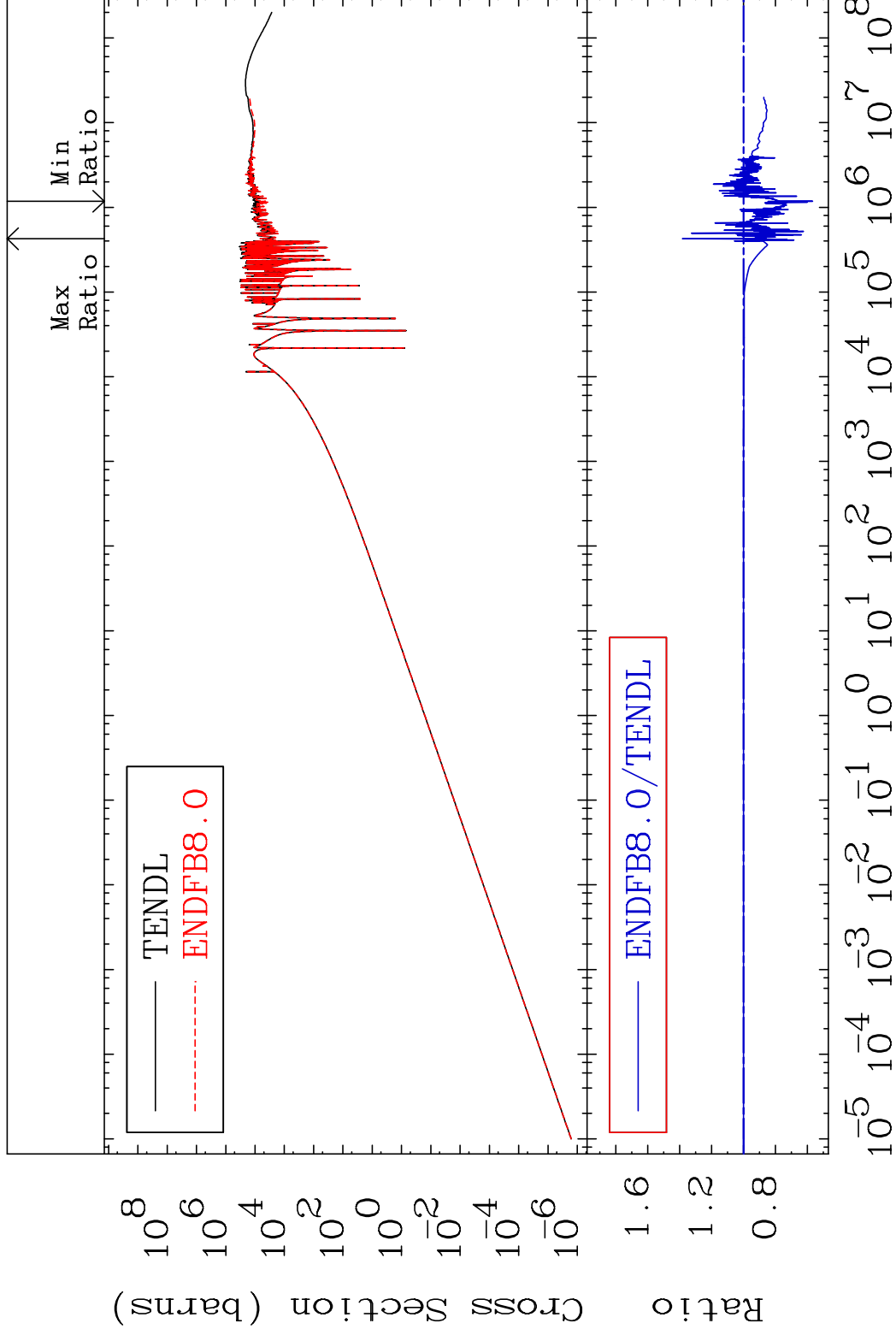


37 Incident Energy (eV) 22-Ti-48

MAT 2231

Kerma elastic
Cross Section

22-Ti-48
-43.23 To 38.33 %

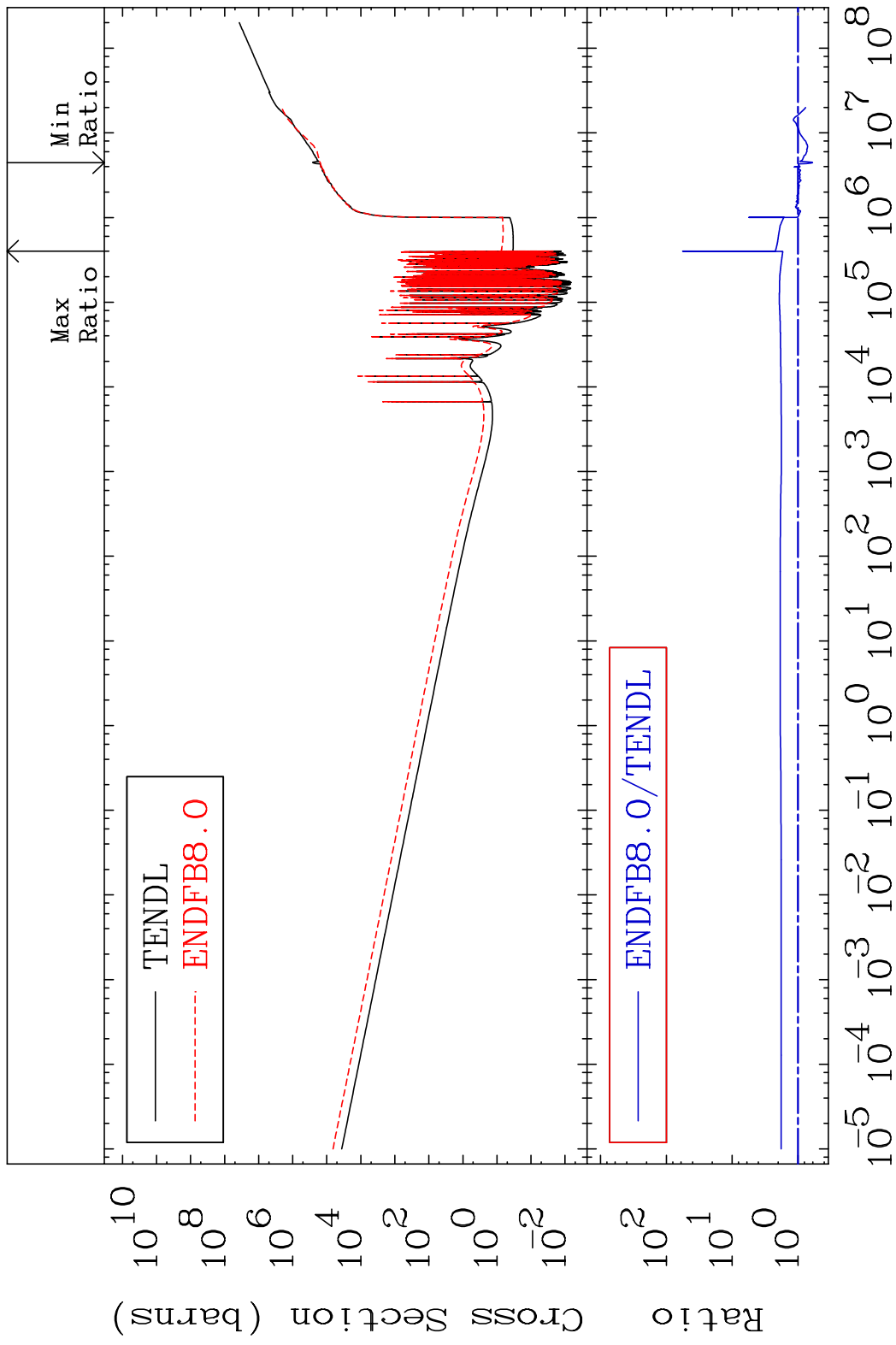


38

Incident Energy (eV)

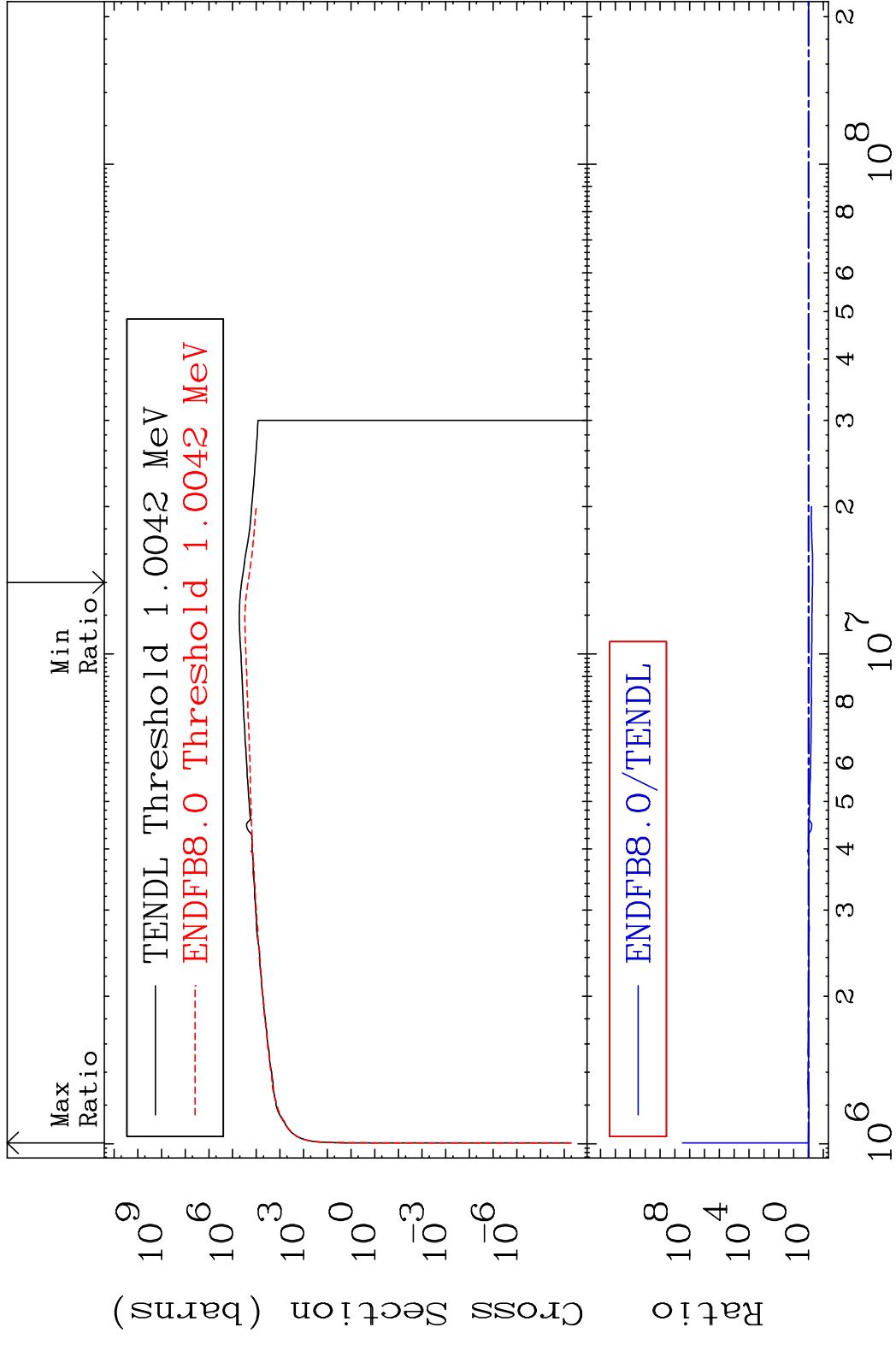
22-Ti-48

MAT 2231 Kerma non-elastic (all but mt2) 22-Ti-48
 Cross Section -39.64 To 5610. %



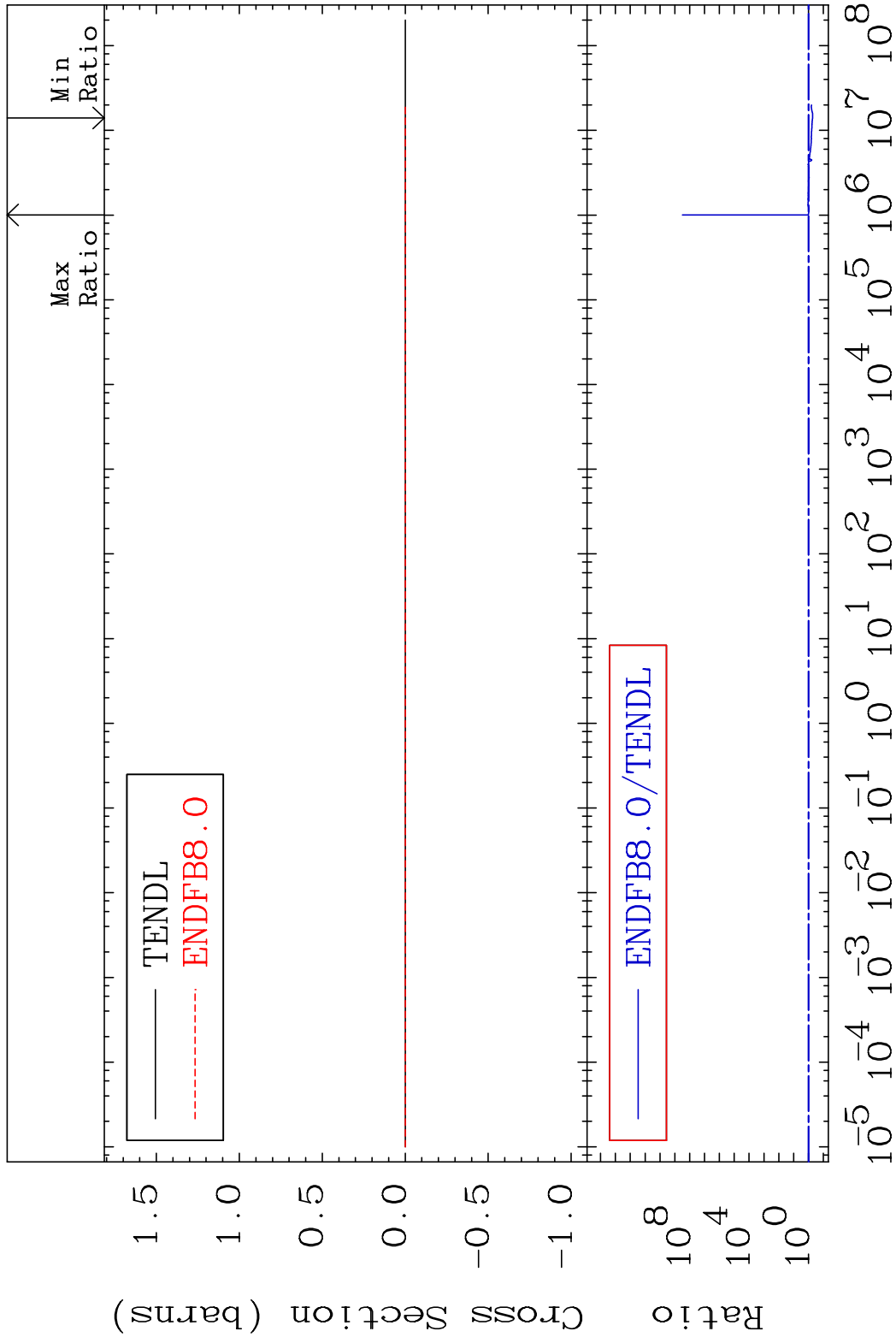
39 Incident Energy (eV) 22-Ti-48

MAT 2231 Kerma inelastic (mt51-91) 22-Ti-48
 Cross Section -46.67 To 9999. %



40 Incident Energy (eV) 22-Ti-48

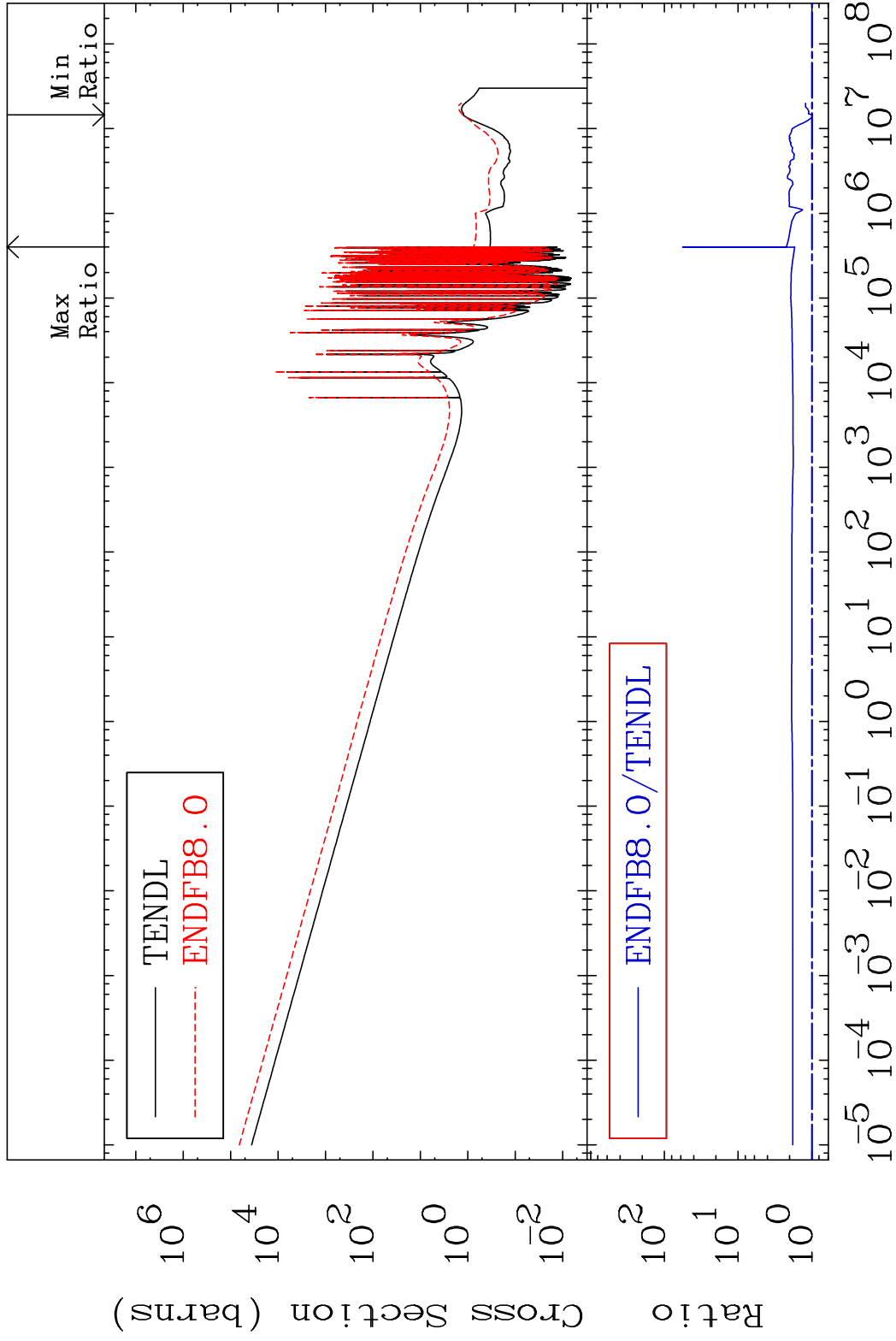
MAT 2231 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-48
 Cross Section -46.67 To 9999. %



MAT 2231

Kerma capture (mt102) 22-Ti-48

Cross Section -2.190 To 5610. %

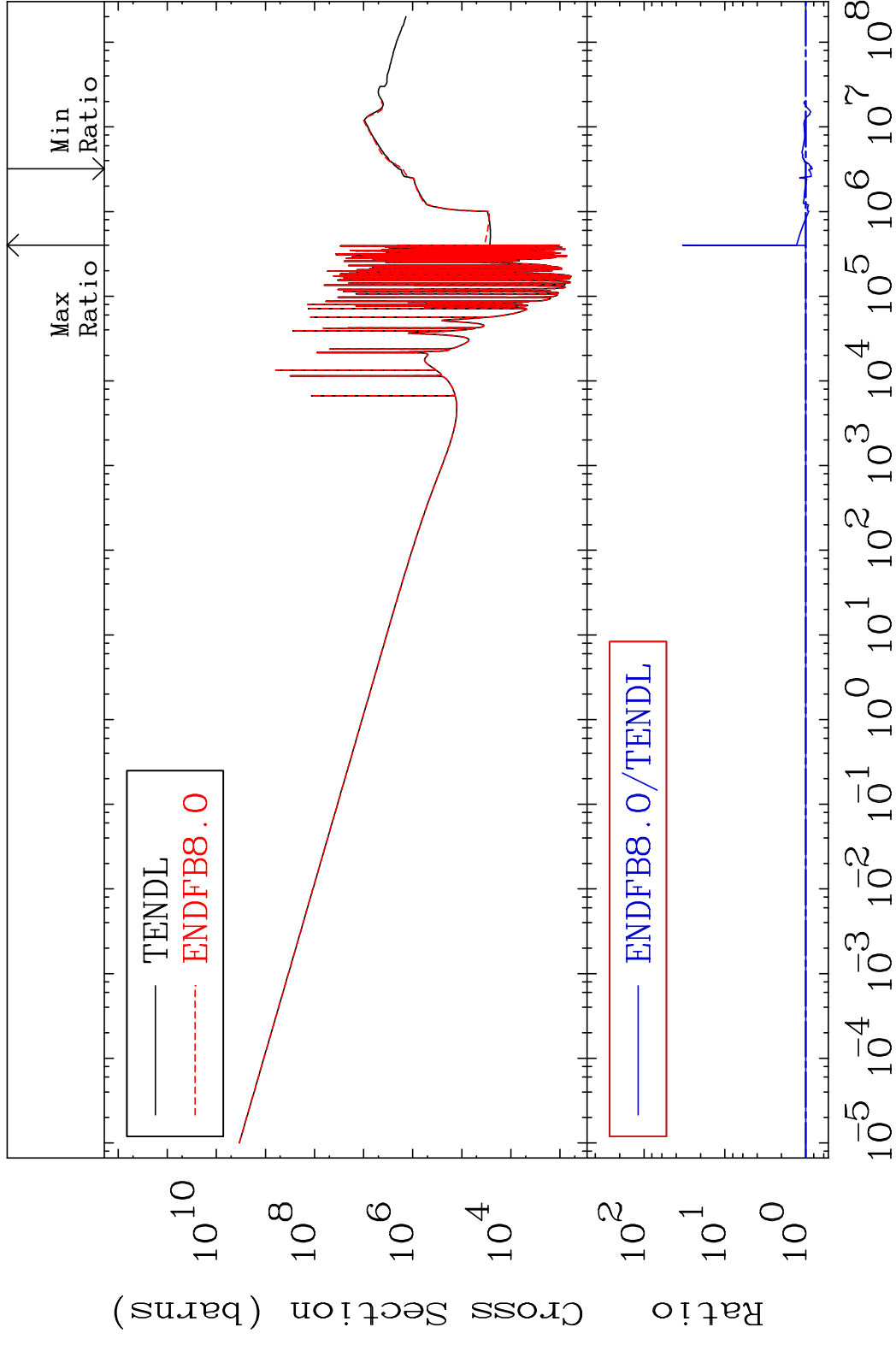


42

Incident Energy (eV)

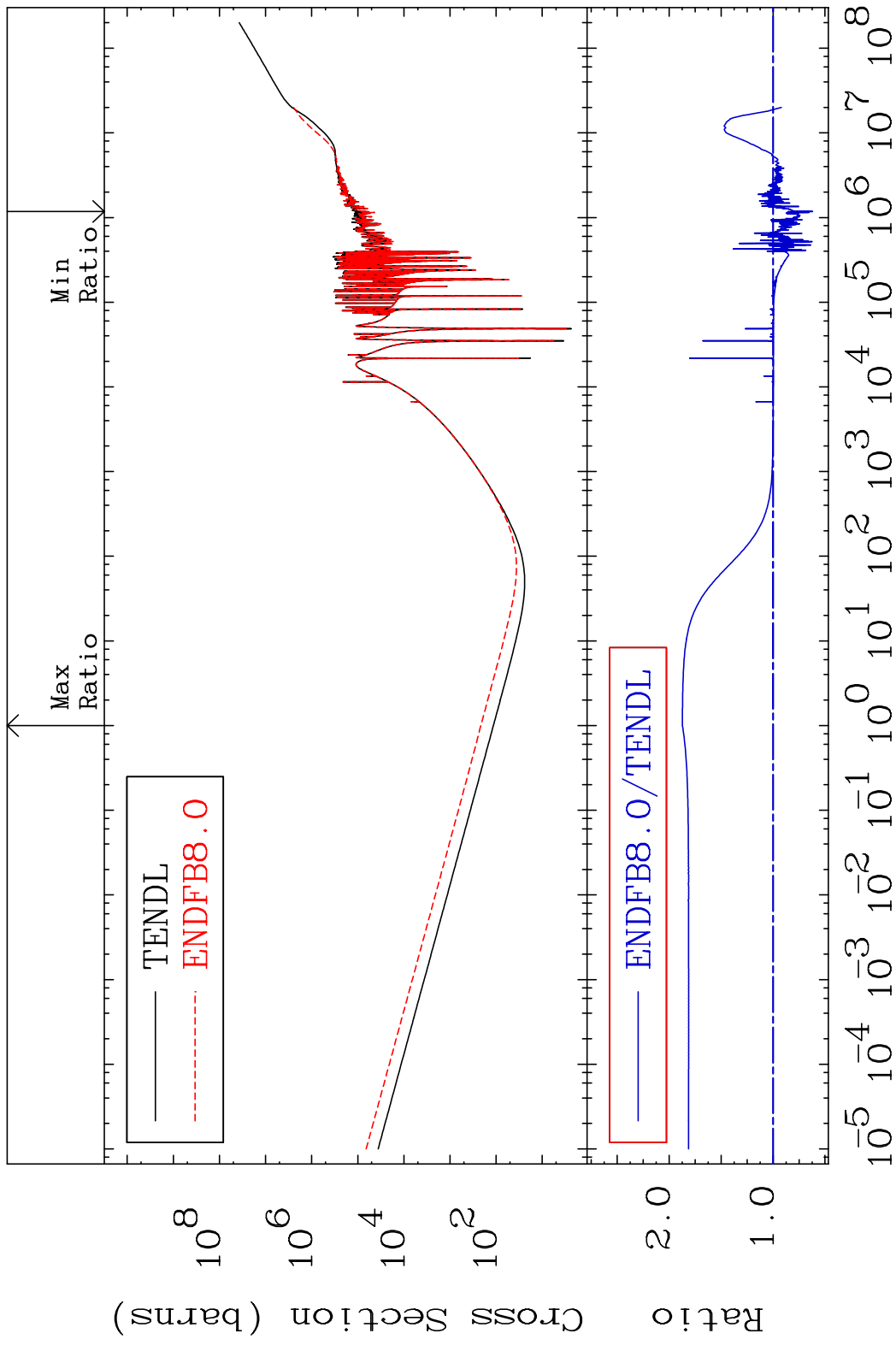
22-Ti-48

MAT 2231 Total photon (eV-barns) 22-Ti-48
 Cross Section -17.46 To 3255. %

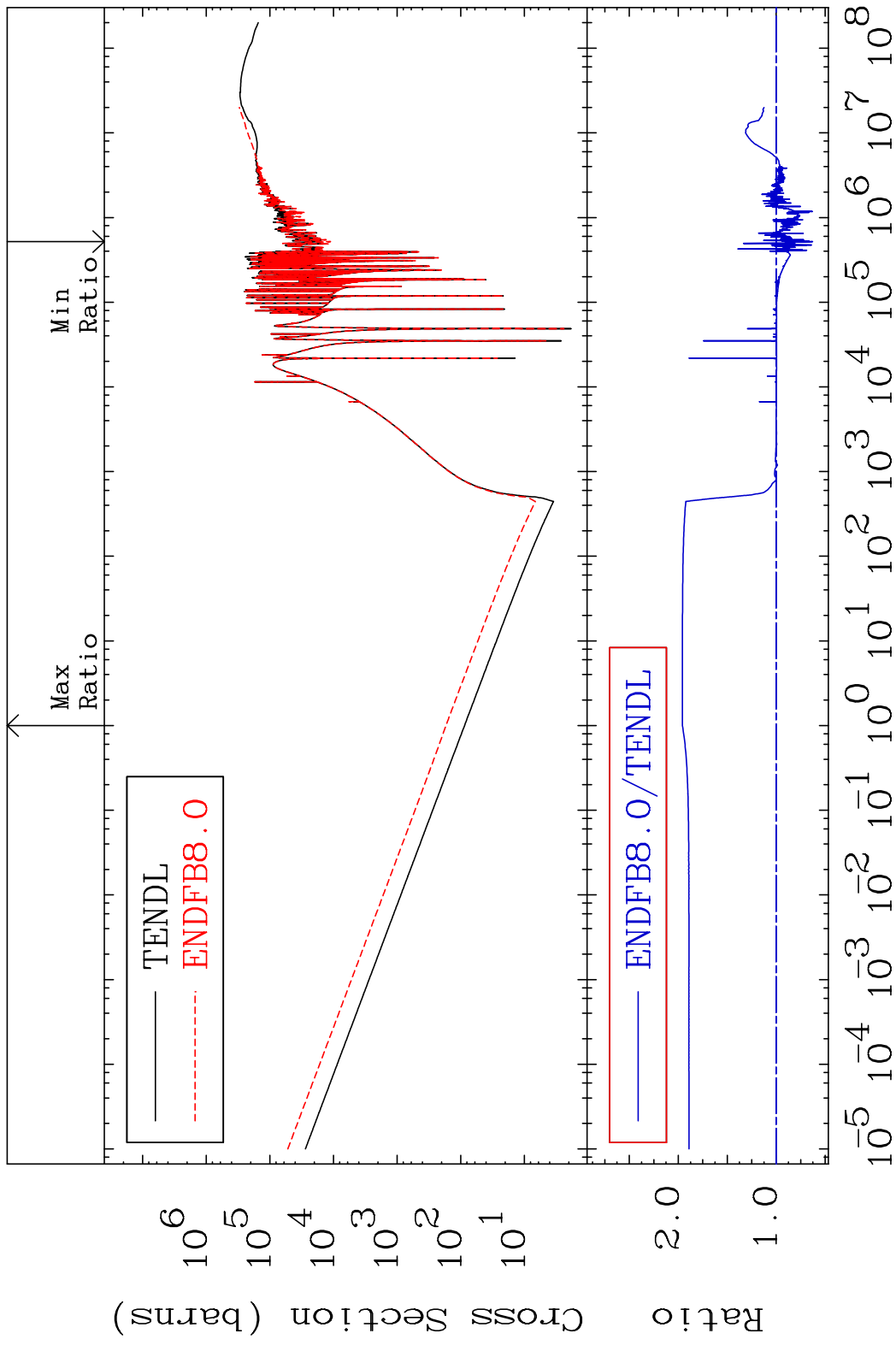


43 Incident Energy (eV) 22-Ti-48

MAT 2231 Total kinematic kerma (high limit) 22-Ti-48
 Cross Section -37.99 To 87.31 %



MAT 2231 Dpa total (eV-barns) 22-Ti-48
 Cross Section -37.15 To 95.81 %



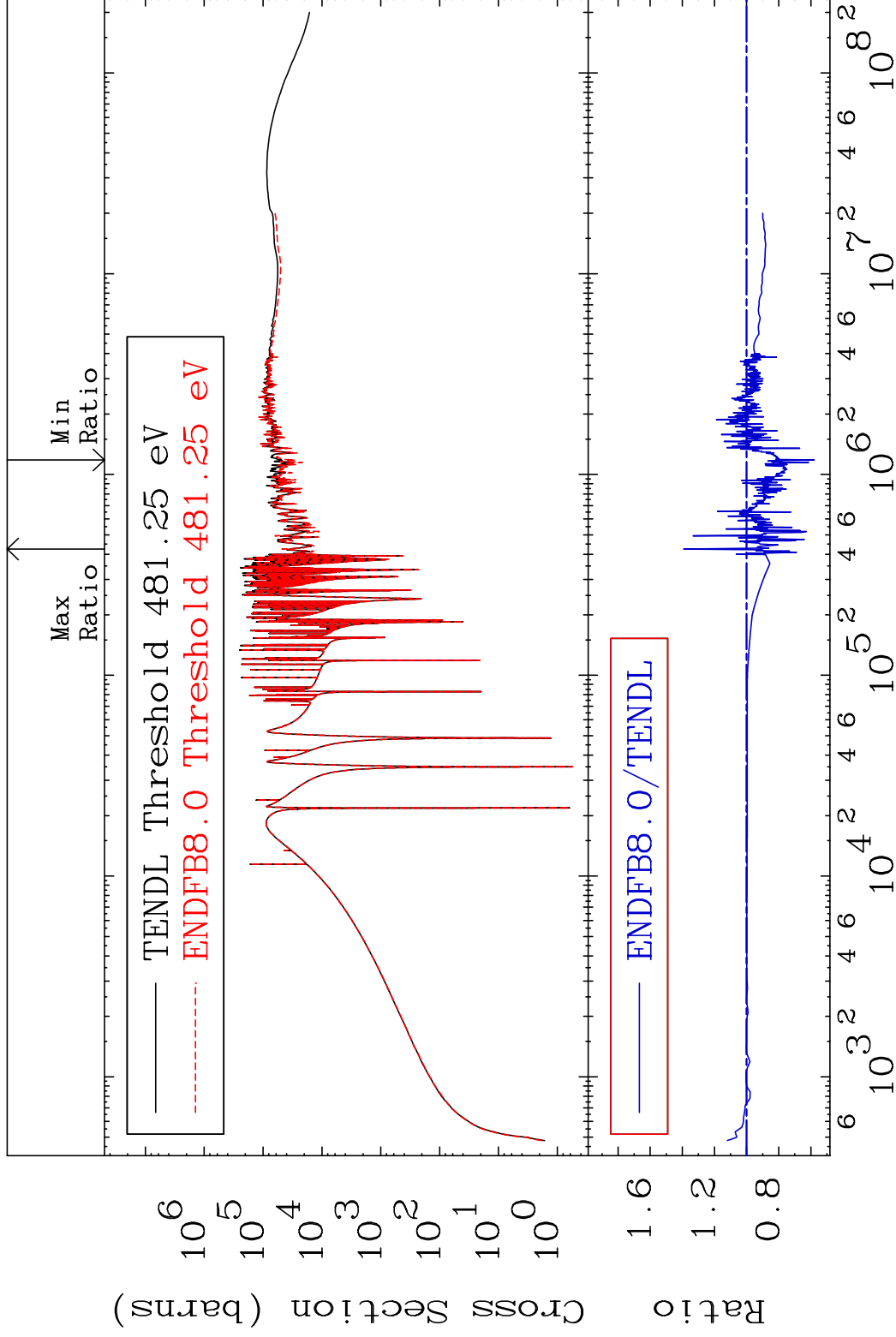
45 Incident Energy (eV) 22-Ti-48

MAT 2231

Dpa elastic (mt2)

22-Ti-48

Cross Section -42.00 To 39.19 %

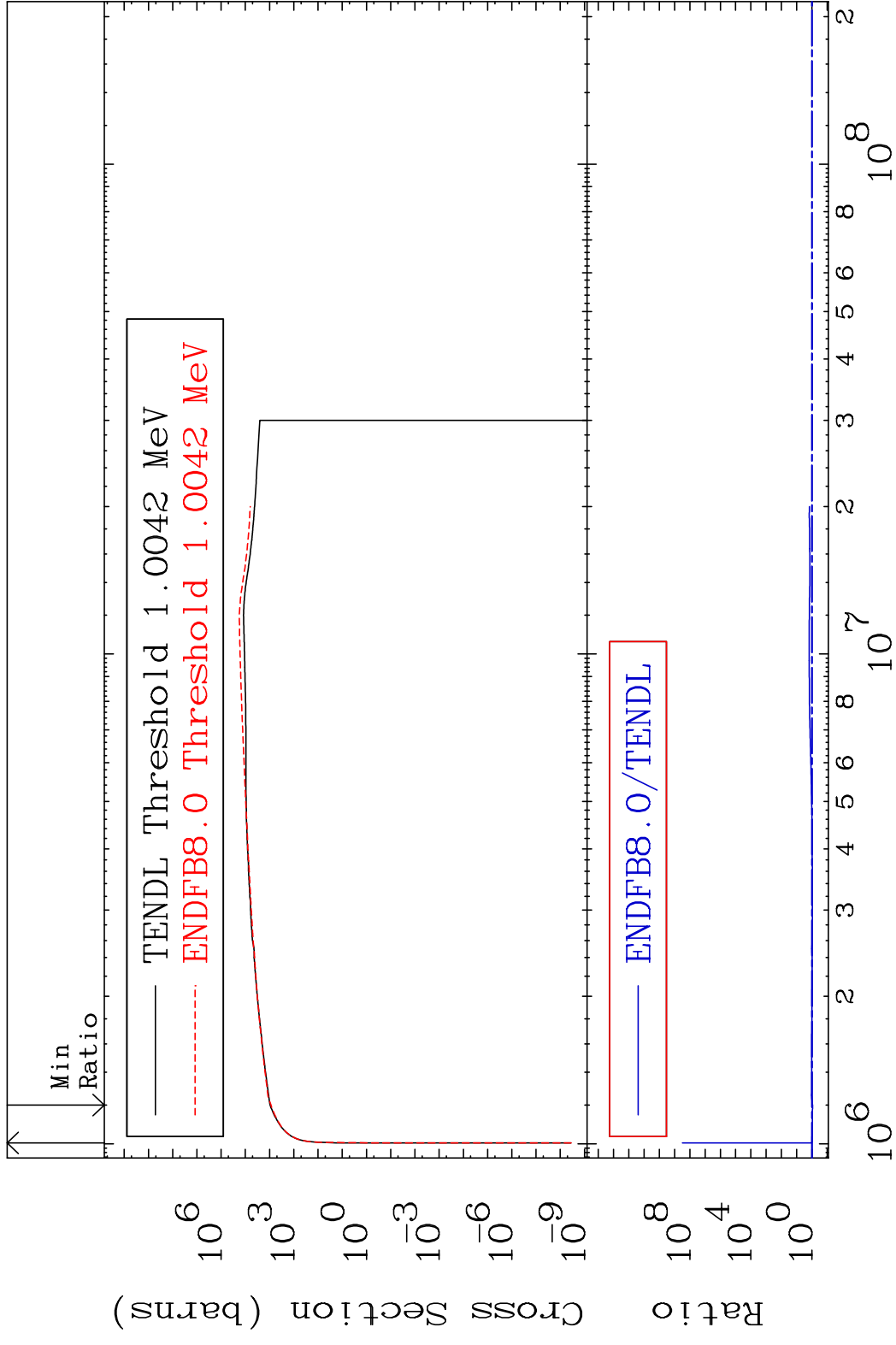


46

Incident Energy (eV)

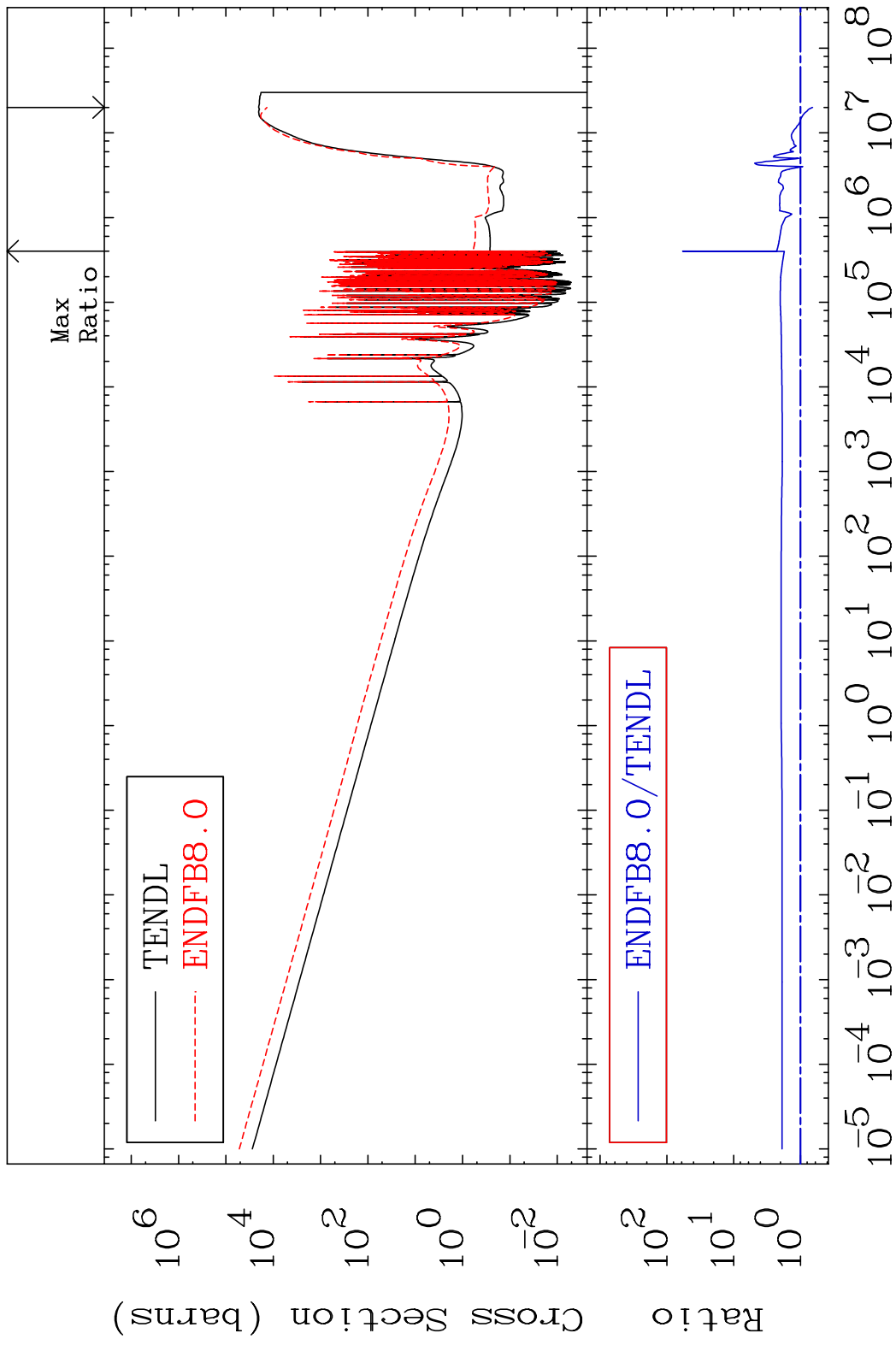
22-Ti-48

MAT 2231 Dpa inelastic (mt51-91) 22-Ti-48
 Cross Section -8.373 To 9999. %



47 Incident Energy (eV) 22-Ti-48

MAT 2231 Dpa disappearance (mt102 -120) 22-Ti-48
Cross Section -33.72 To 5778. %



48 Incident Energy (eV) 22-Ti-48