

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

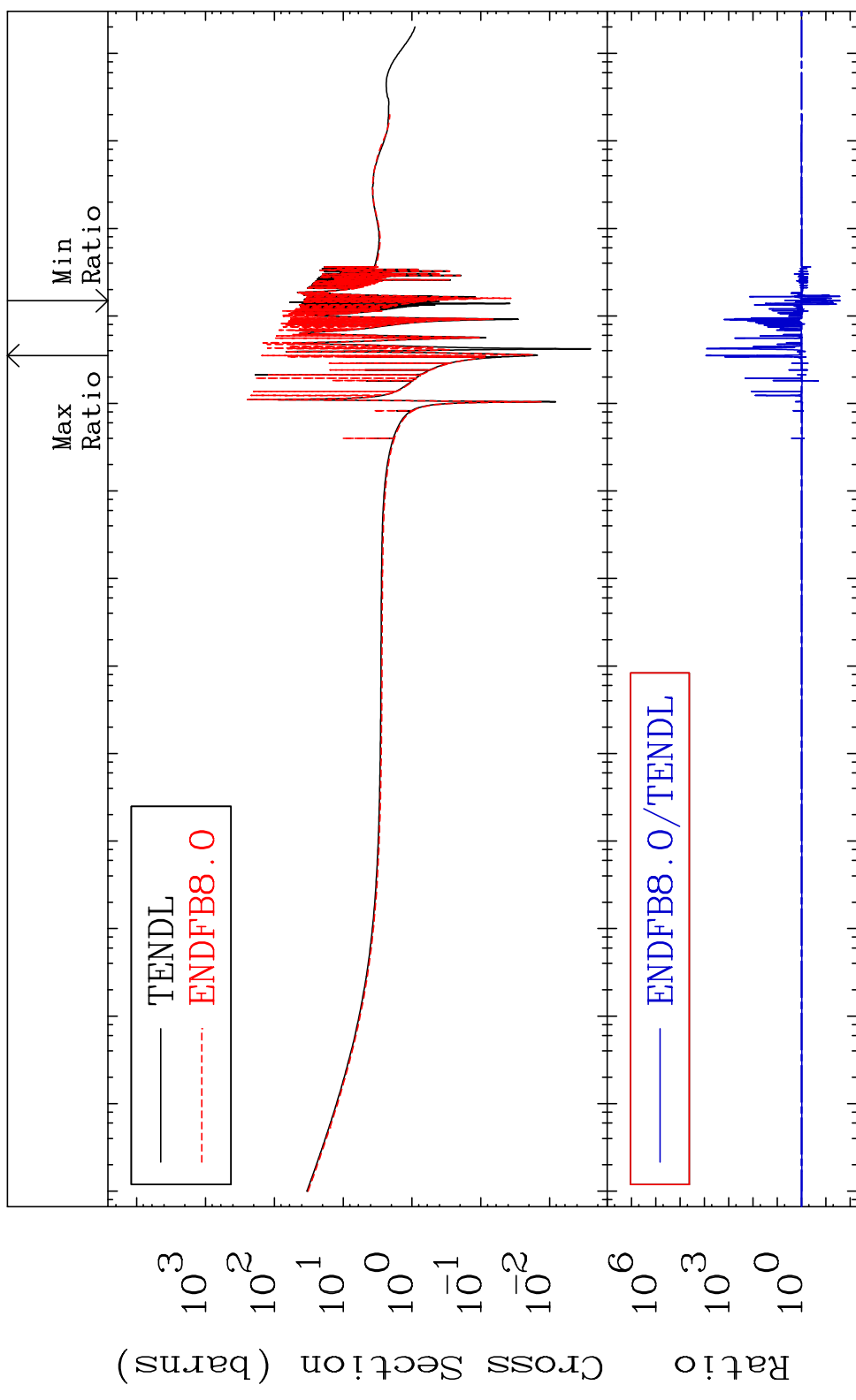
MAT 2225

Total

22-Ti-46

Cross Section

-97.50 To 9999. %



1

Incident Energy (eV)

22-Ti-46

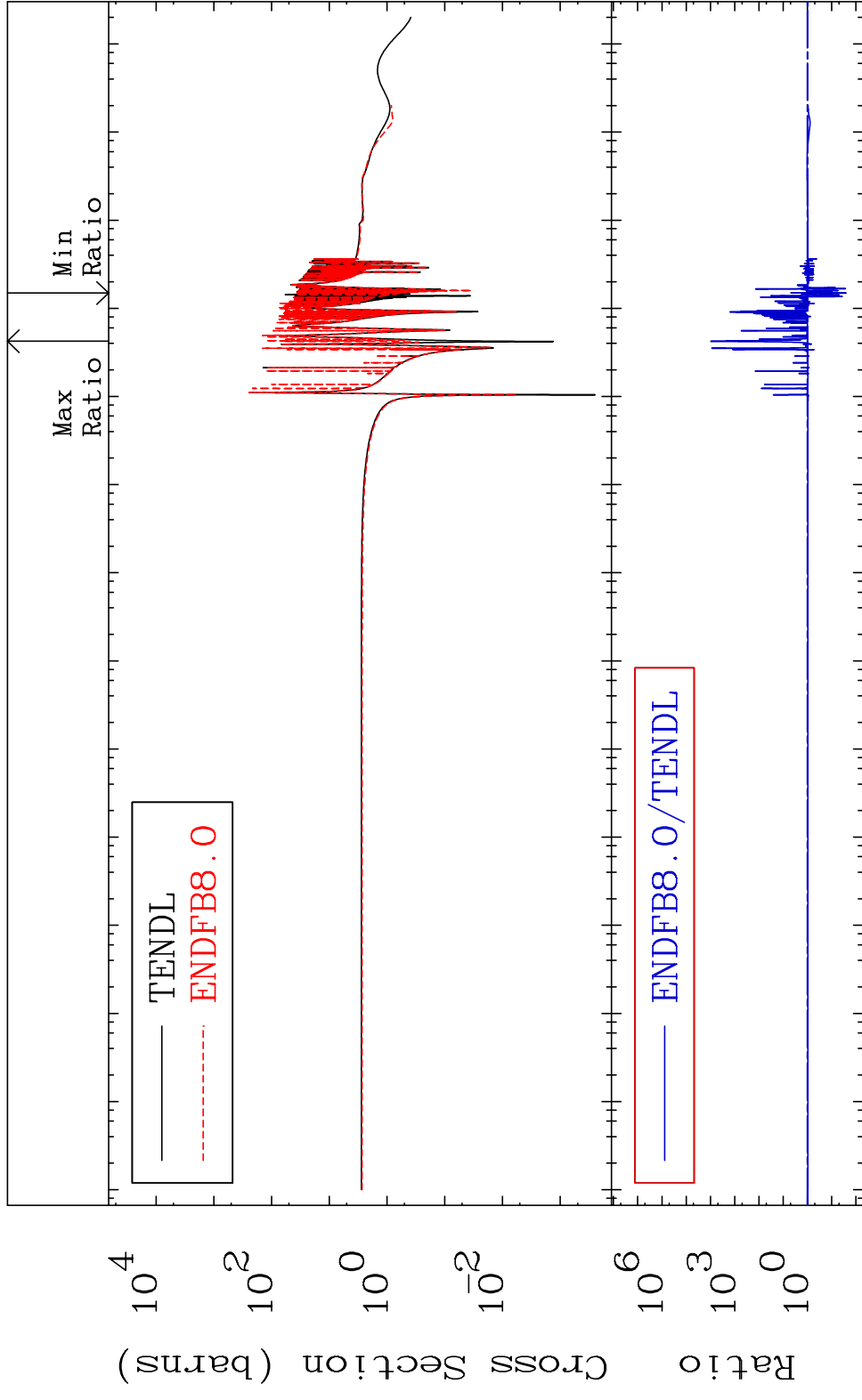
MAT 2225

Elastic

22-Ti-46

Cross Section

-97.50 To 9999. %

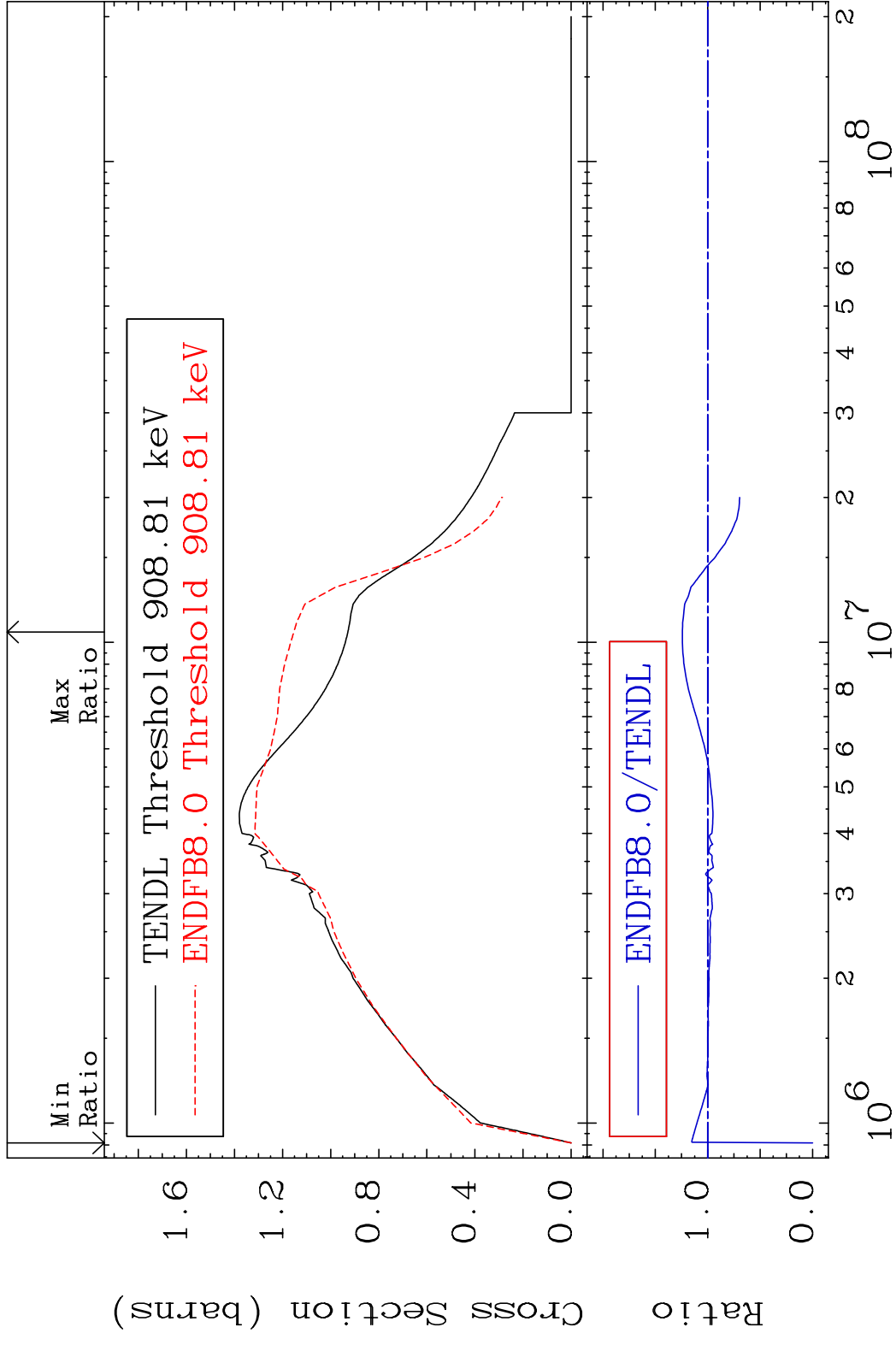


2

Incident Energy (eV)

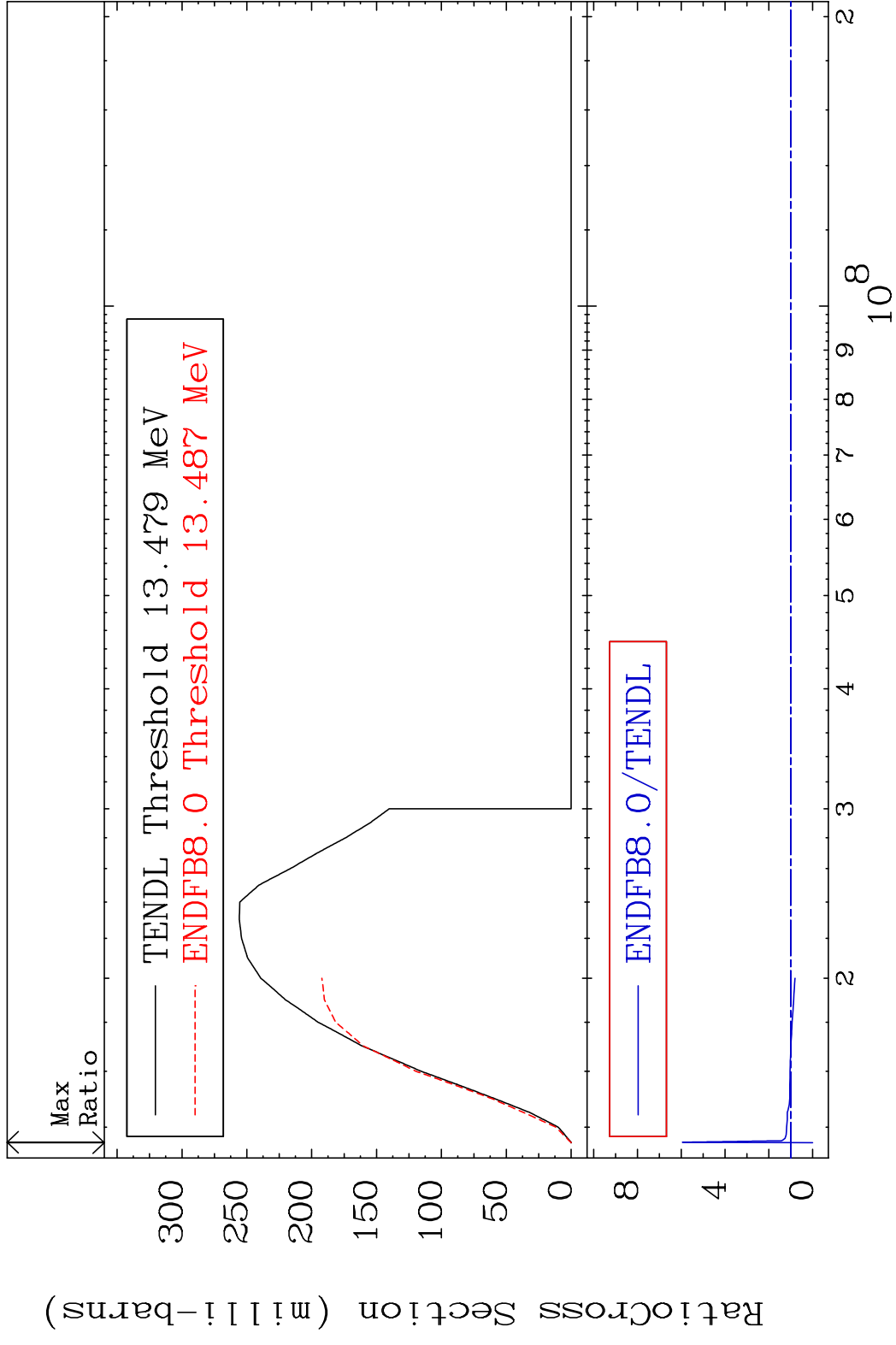
22-Ti-46

MAT 2225 Inelastic 22-Ti-46
 Cross Section -100.0 To 24.23 %



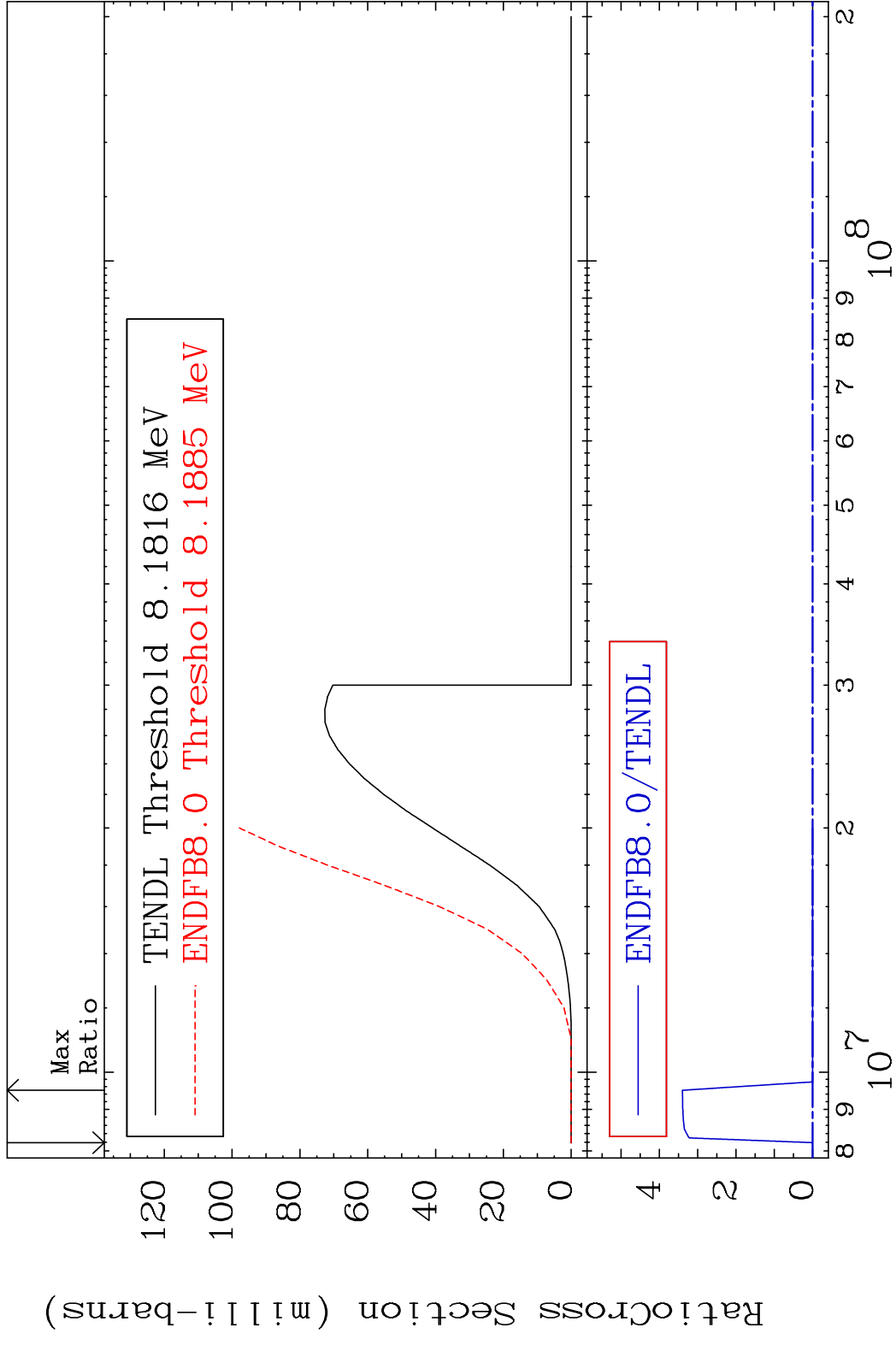
3 Incident Energy (eV) 22-Ti-46

MAT 2225 (n,2n) 22-Ti-46
 Cross Section -100.0 To 494.8 %



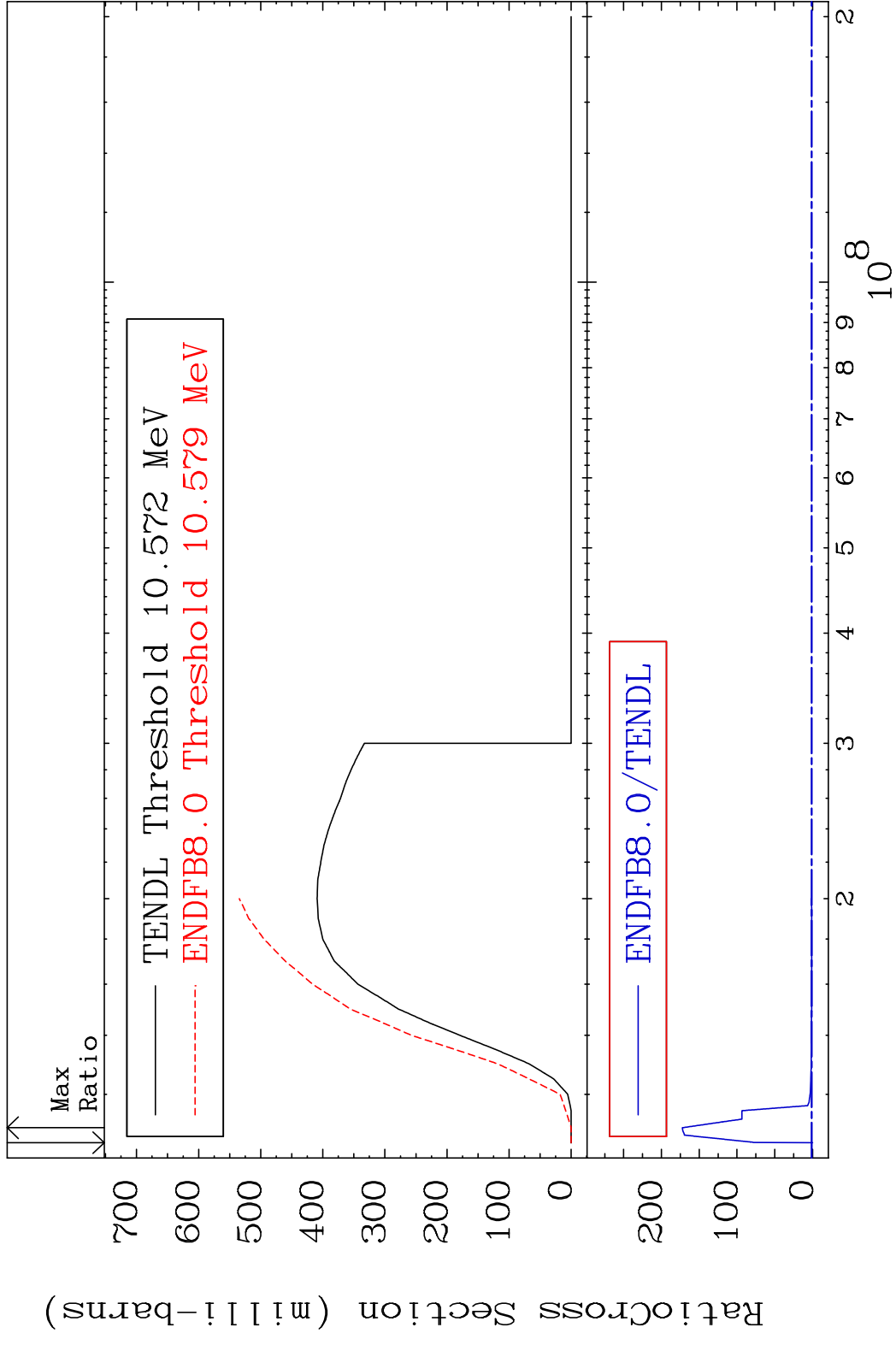
4 Incident Energy (eV) 22-Ti-46

MAT 2225 (n, n') α 22-Ti-46
 Cross Section -100.0 To 9999. %

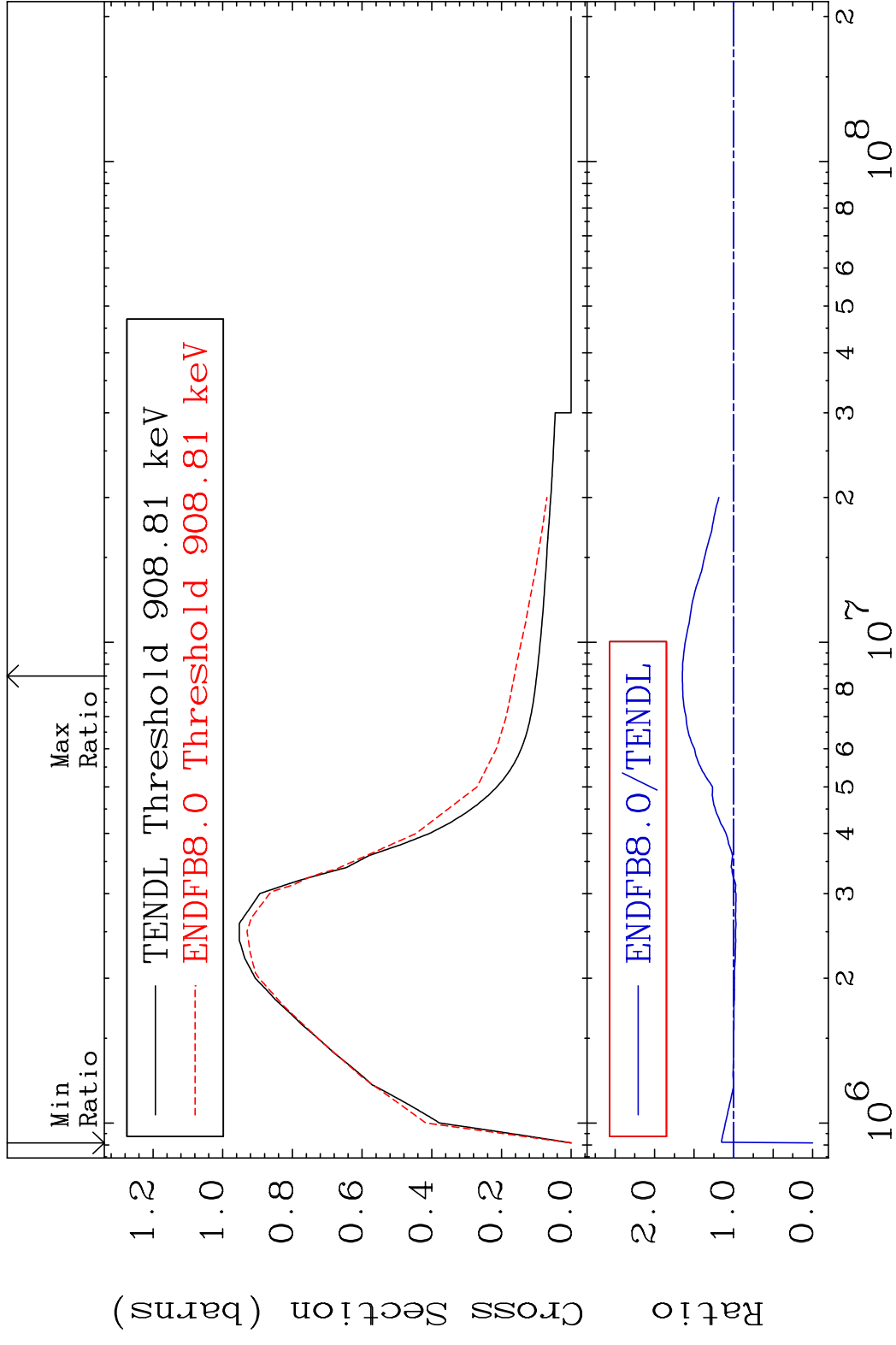


5 Incident Energy (eV) 22-Ti-46

MAT 2225 (n, n') p 22-Ti-46
 Cross Section -100.0 To 9999. %

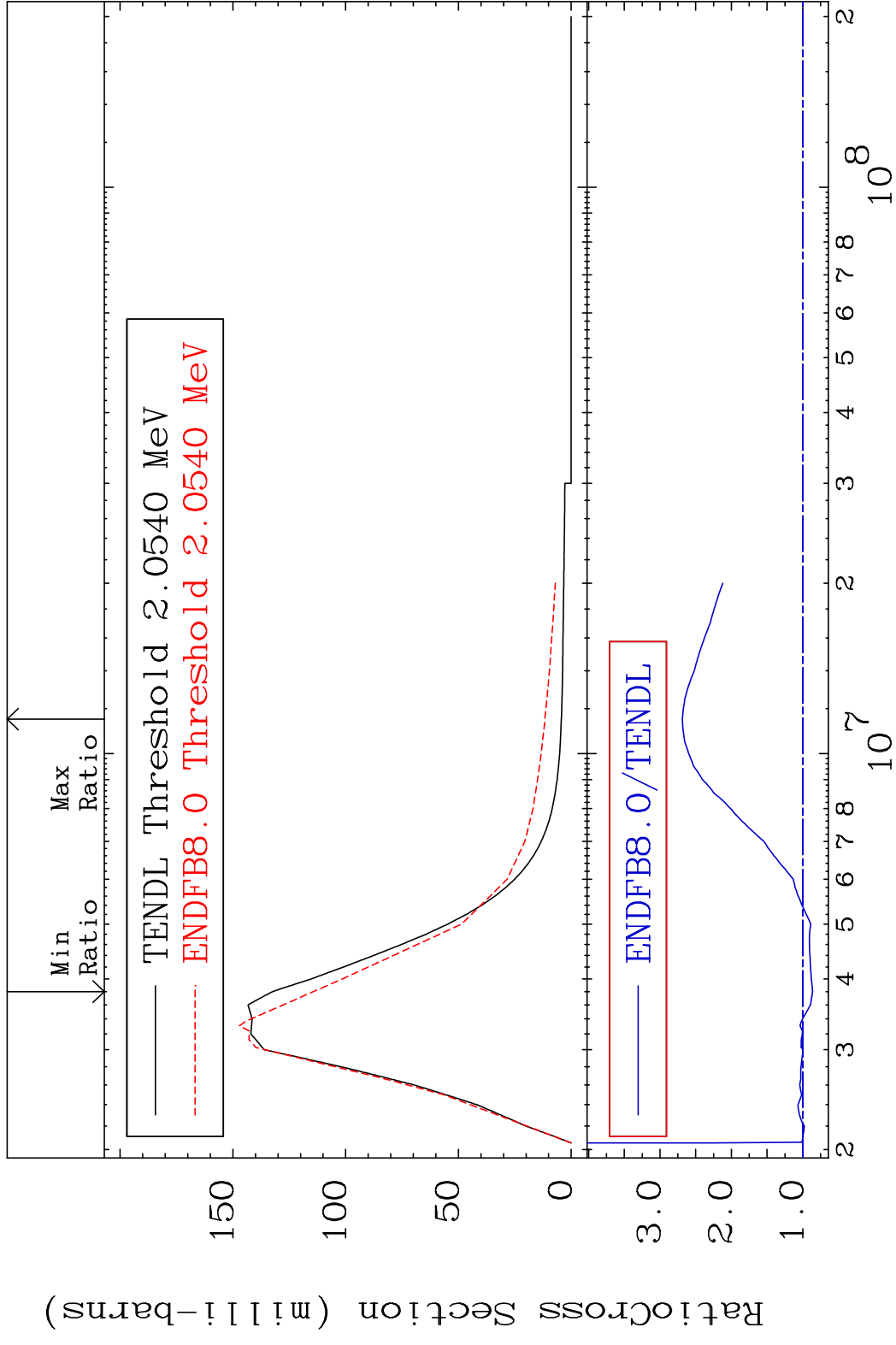


MAT 2225 MT= 51 (n, n') Level 22-Ti-46
 Cross Section -100.0 To 64.84 %



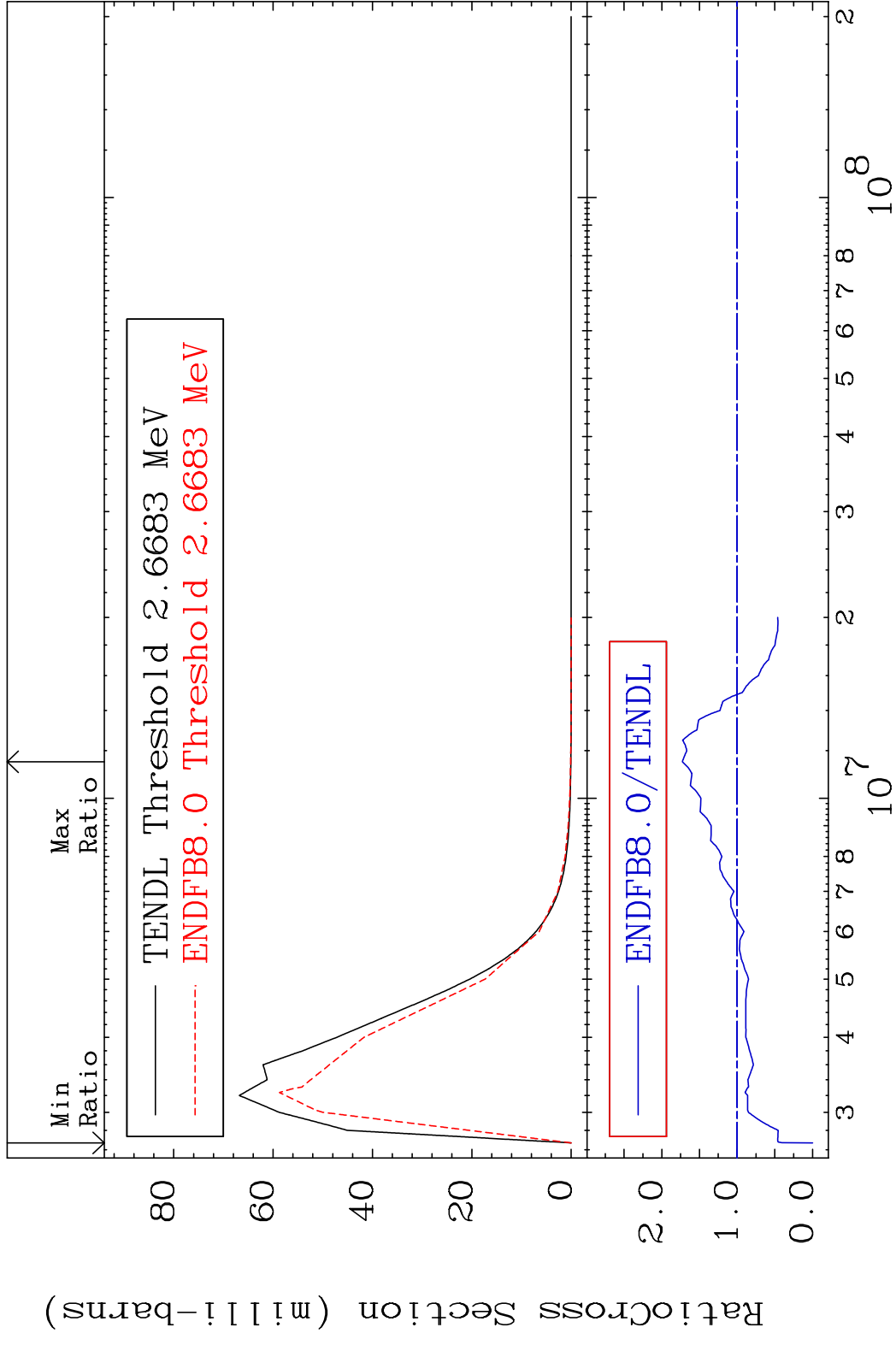
7 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 52 (n, n') Level 22-Ti-46
 Cross Section -13.73 To 168.7 %

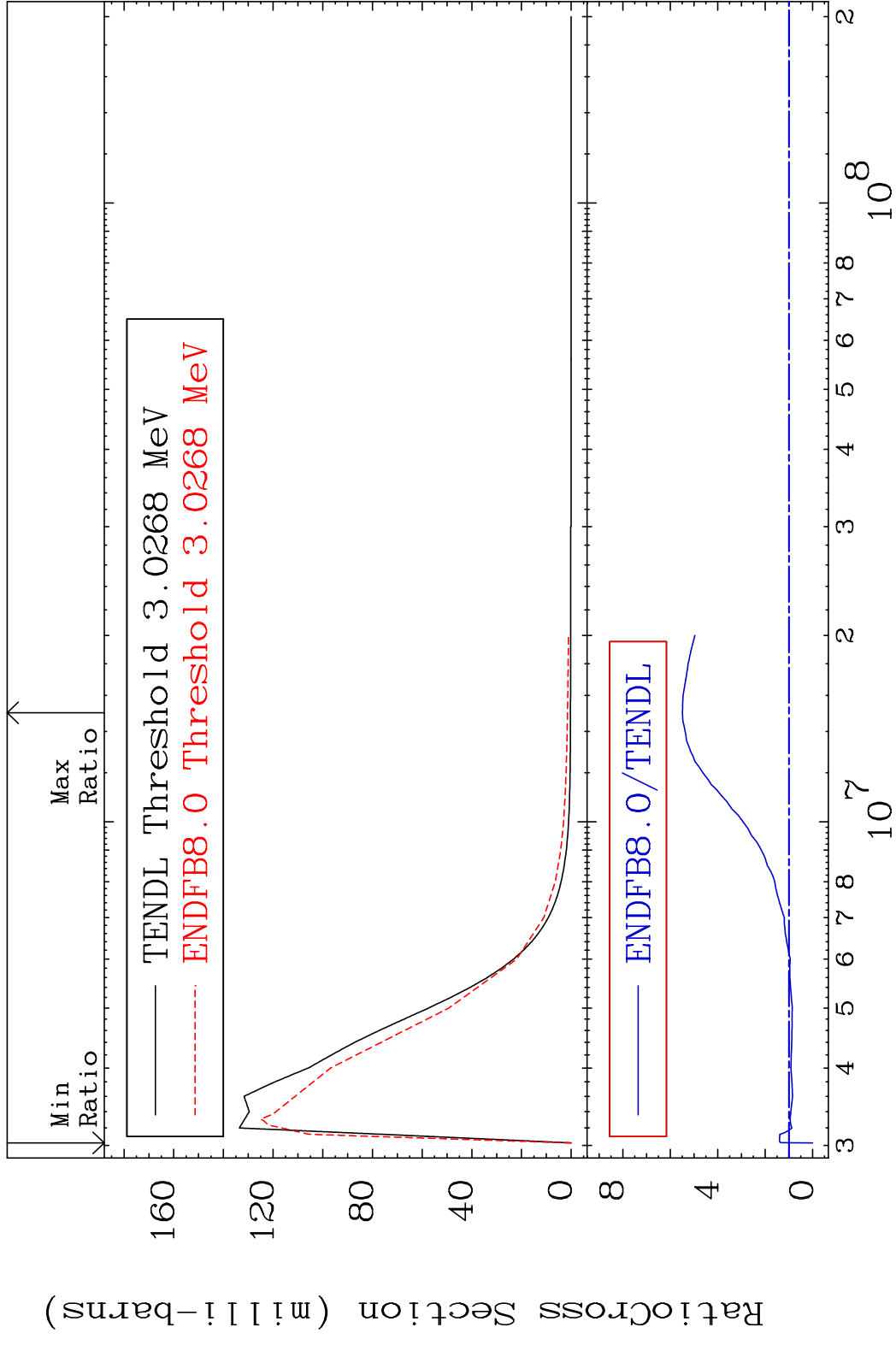


8 Incident Energy (eV) 22-Ti-46

MAT 2225 MT= 53 (n,n') Level 22-Ti-46
 Cross Section -100.0 To 72.68 %

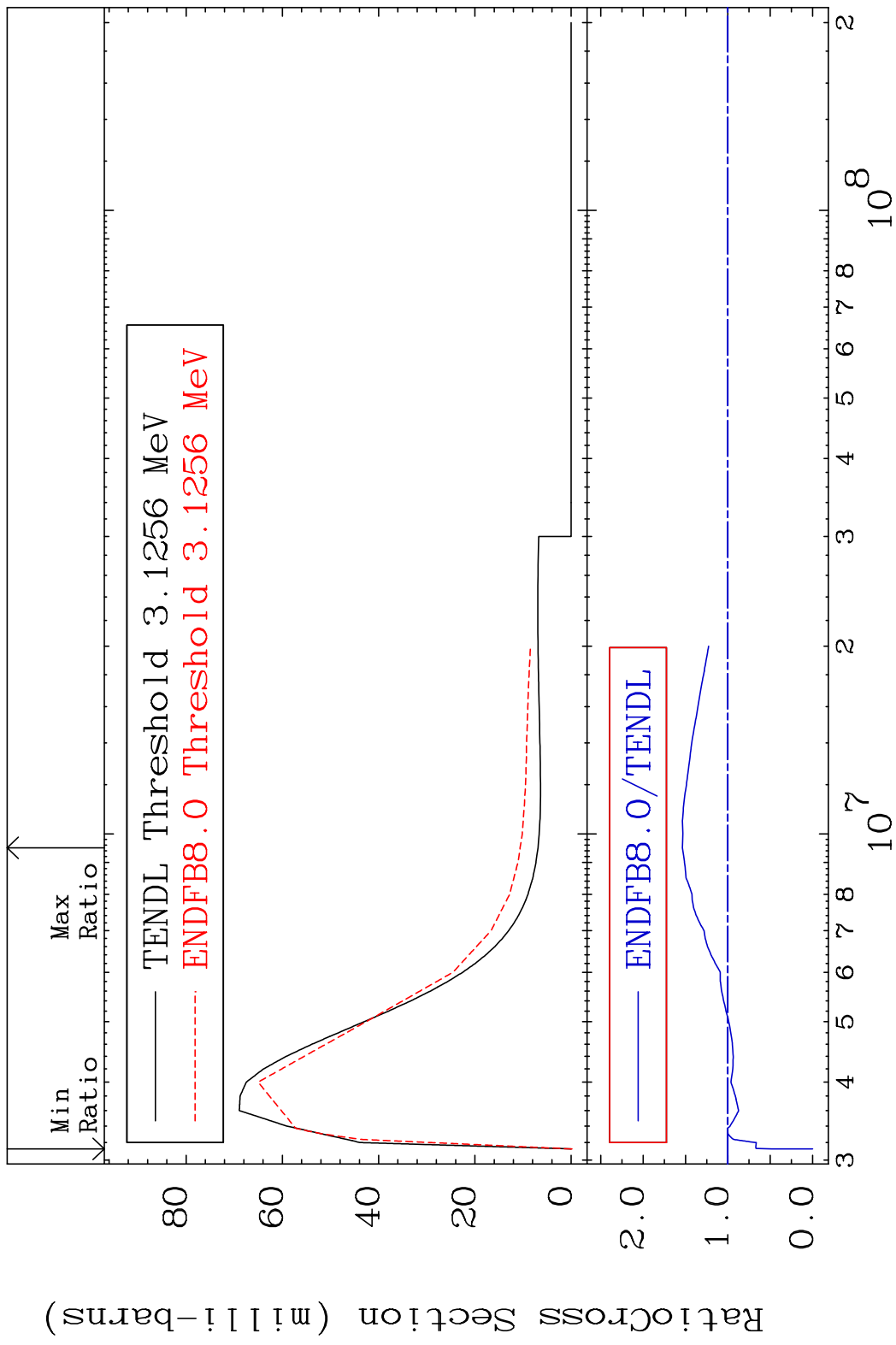


MAT 2225 MT= 54 (n,n') Level 22-Ti-46
 Cross Section -100.0 To 448.8 %

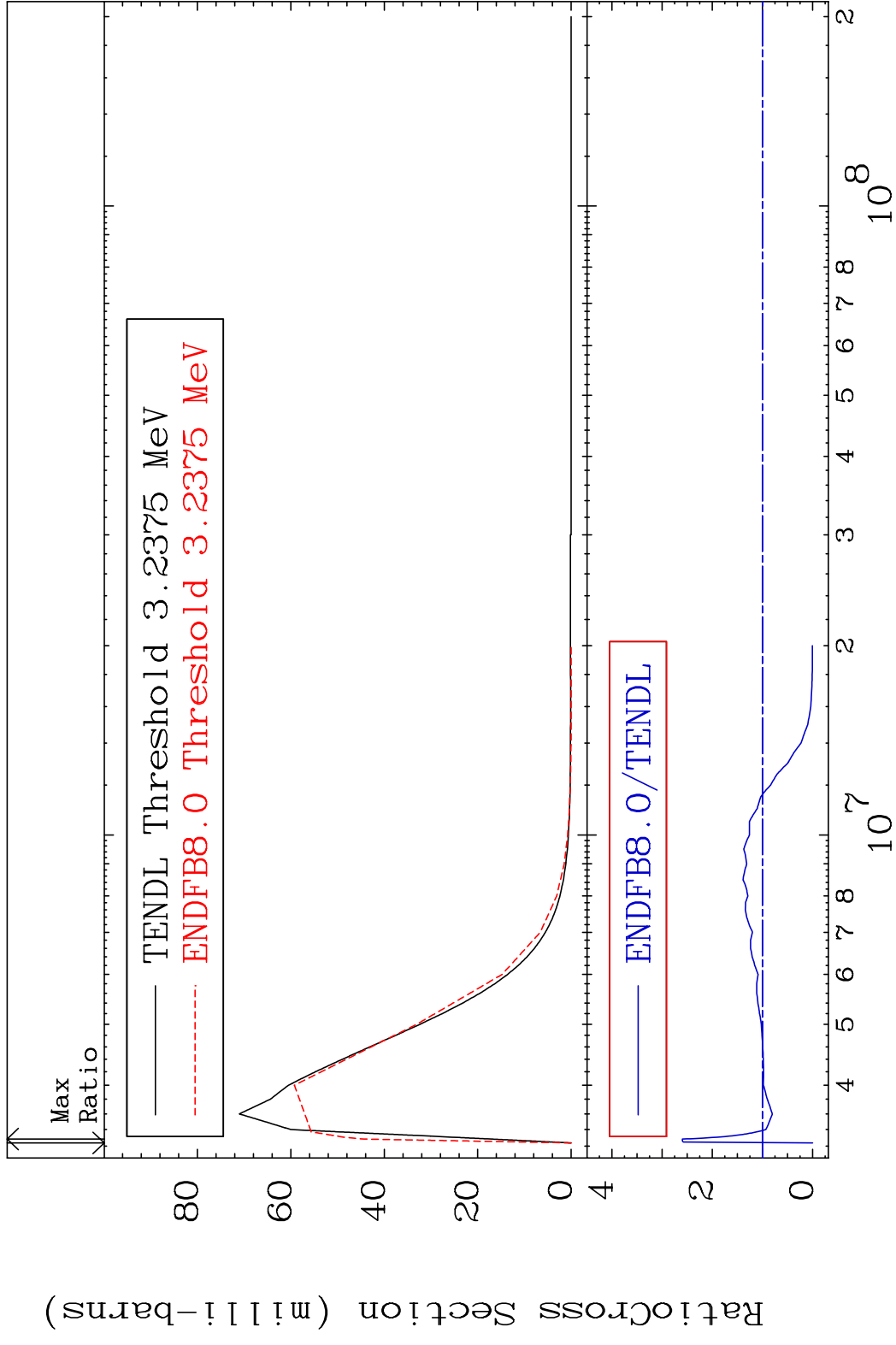


10 100 1000 10000 100000 1000000 10000000 100000000 1000000000 22-Ti-46

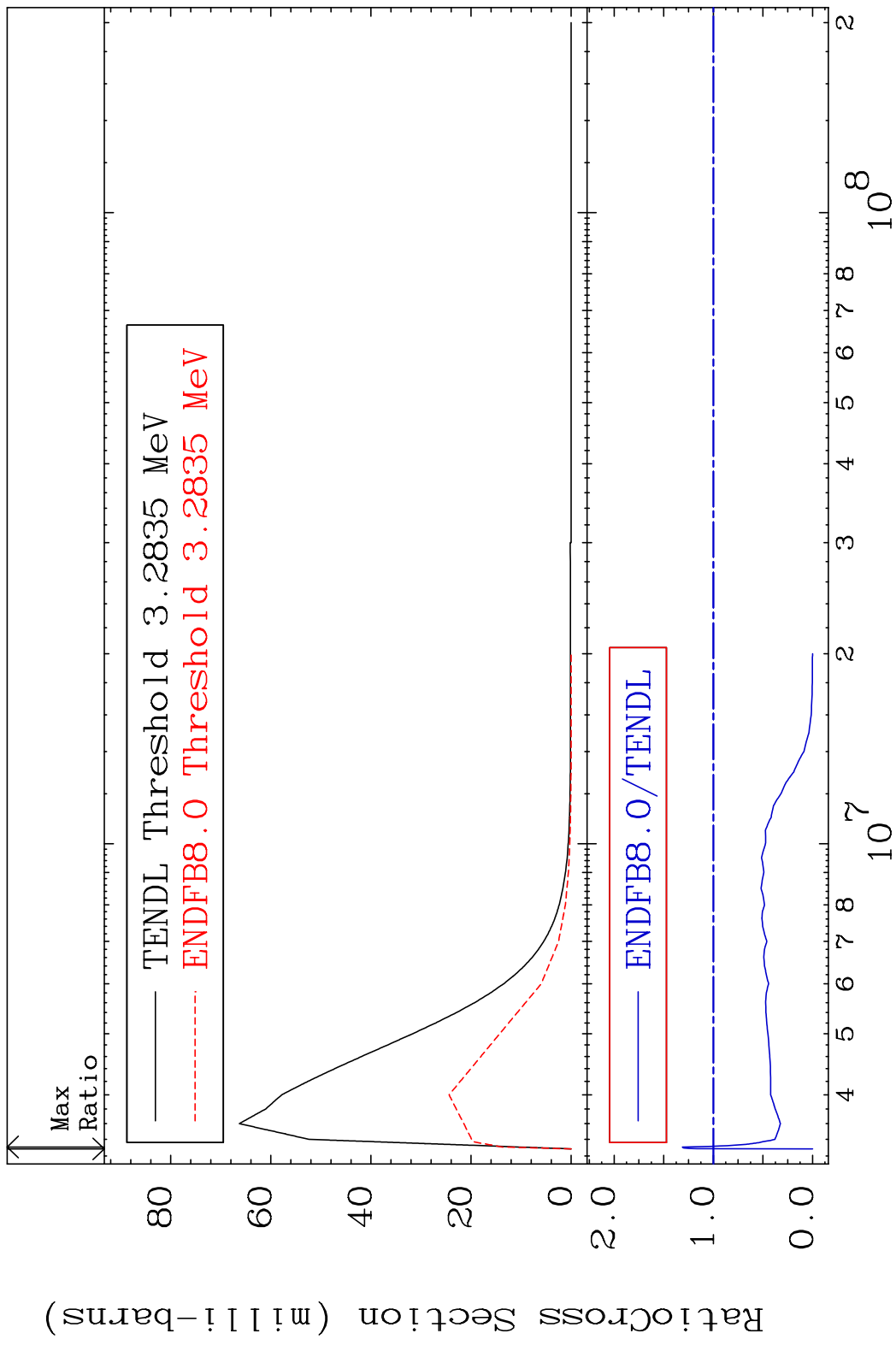
MAT 2225 MT= 55 (n,n') Level 22-Ti-46
 Cross Section -100.0 To 53.74 %



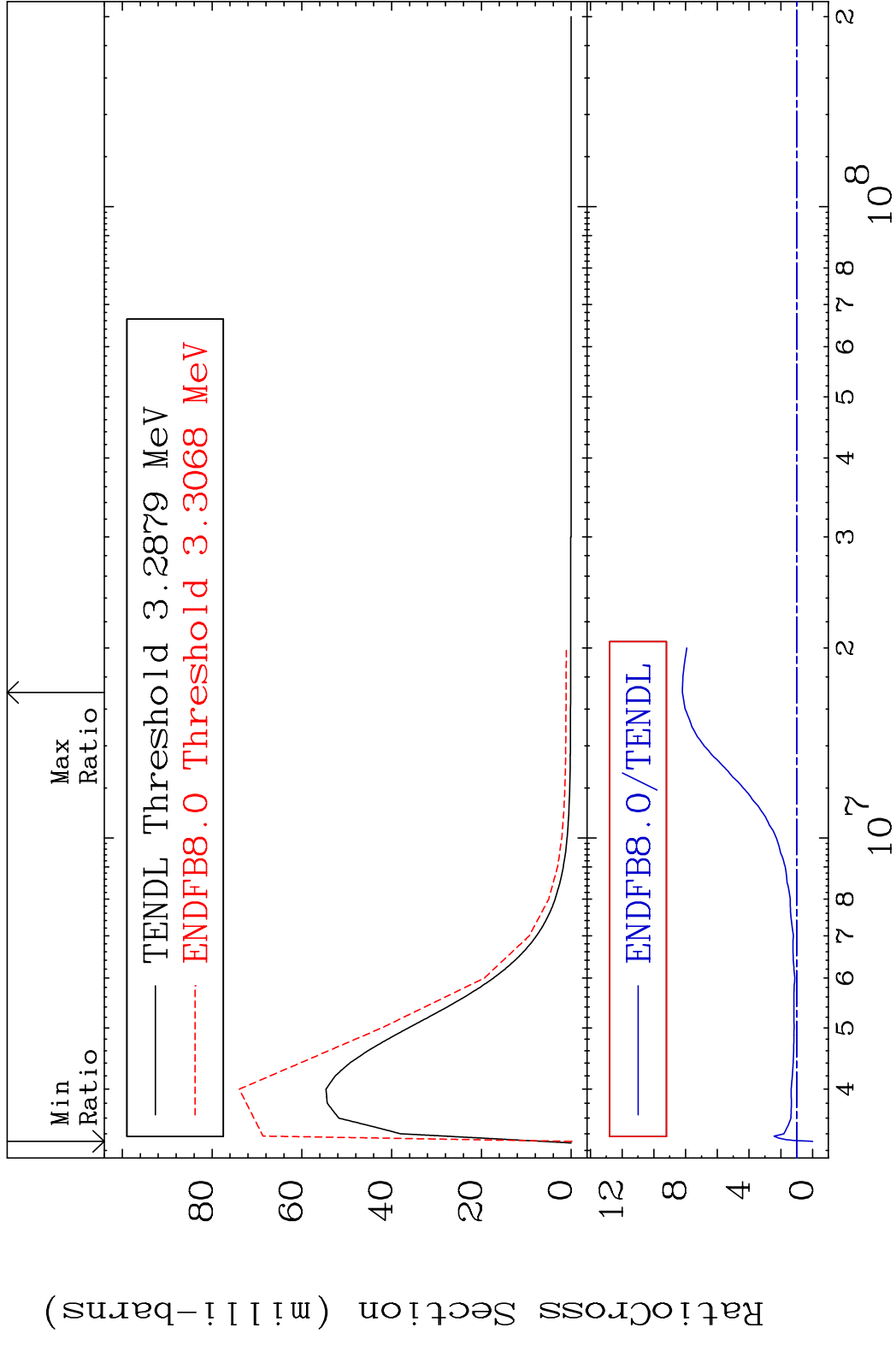
MAT 2225 MT= 56 (n,n') Level 22-Ti-46
 Cross Section -100.0 To 159.5 %



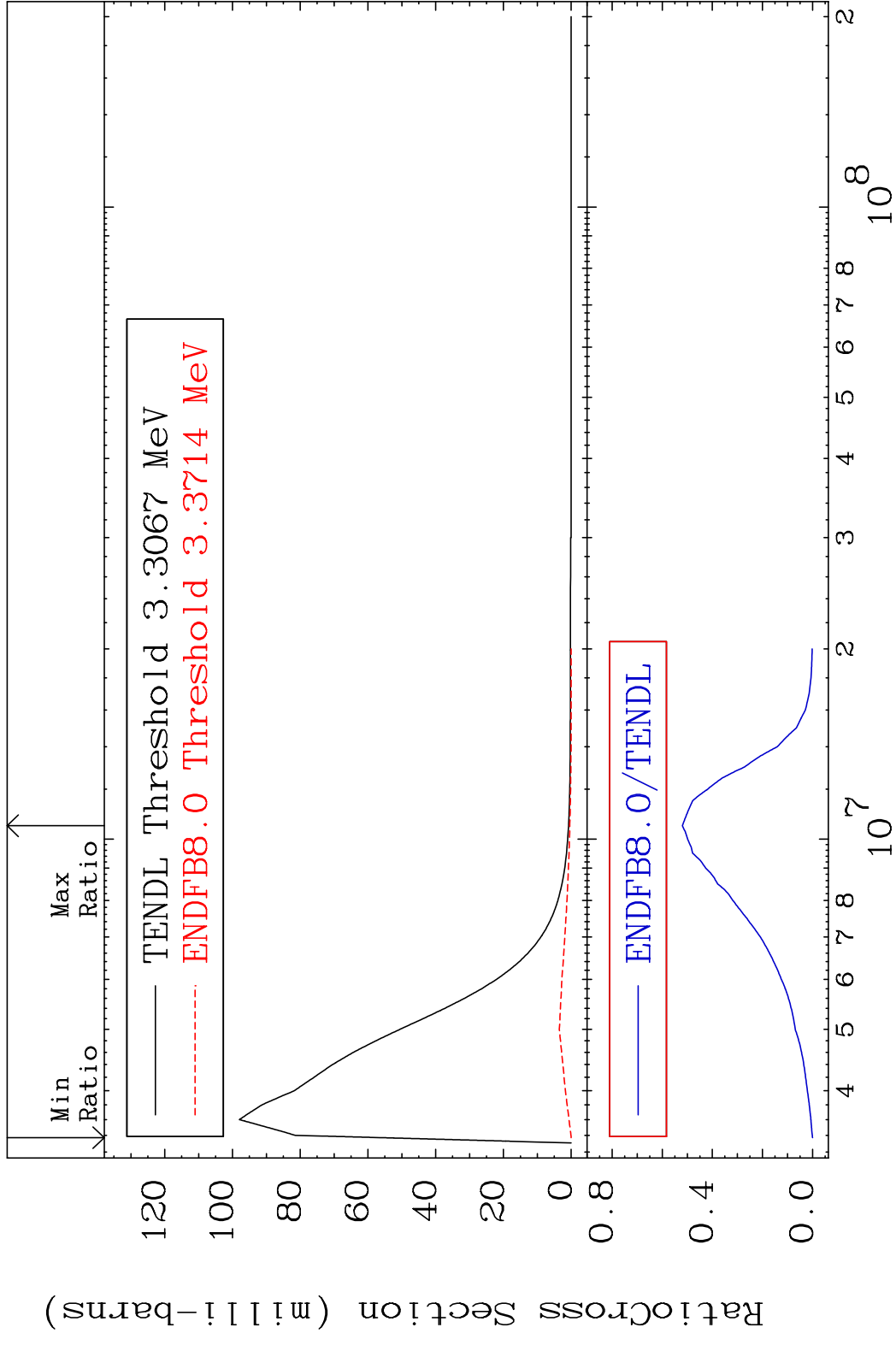
MAT 2225 MT= 57 (n,n') Level 22-Ti-46
 Cross Section -100.0 To 31.23 %



MAT 2225 MT= 58 (n,n') Level 22-Ti-46
 Cross Section -100.0 To 720.5 %



MAT 2225 MT= 59 (n,n') Level 22-Ti-46
 Cross Section -100.0 To -48.02%

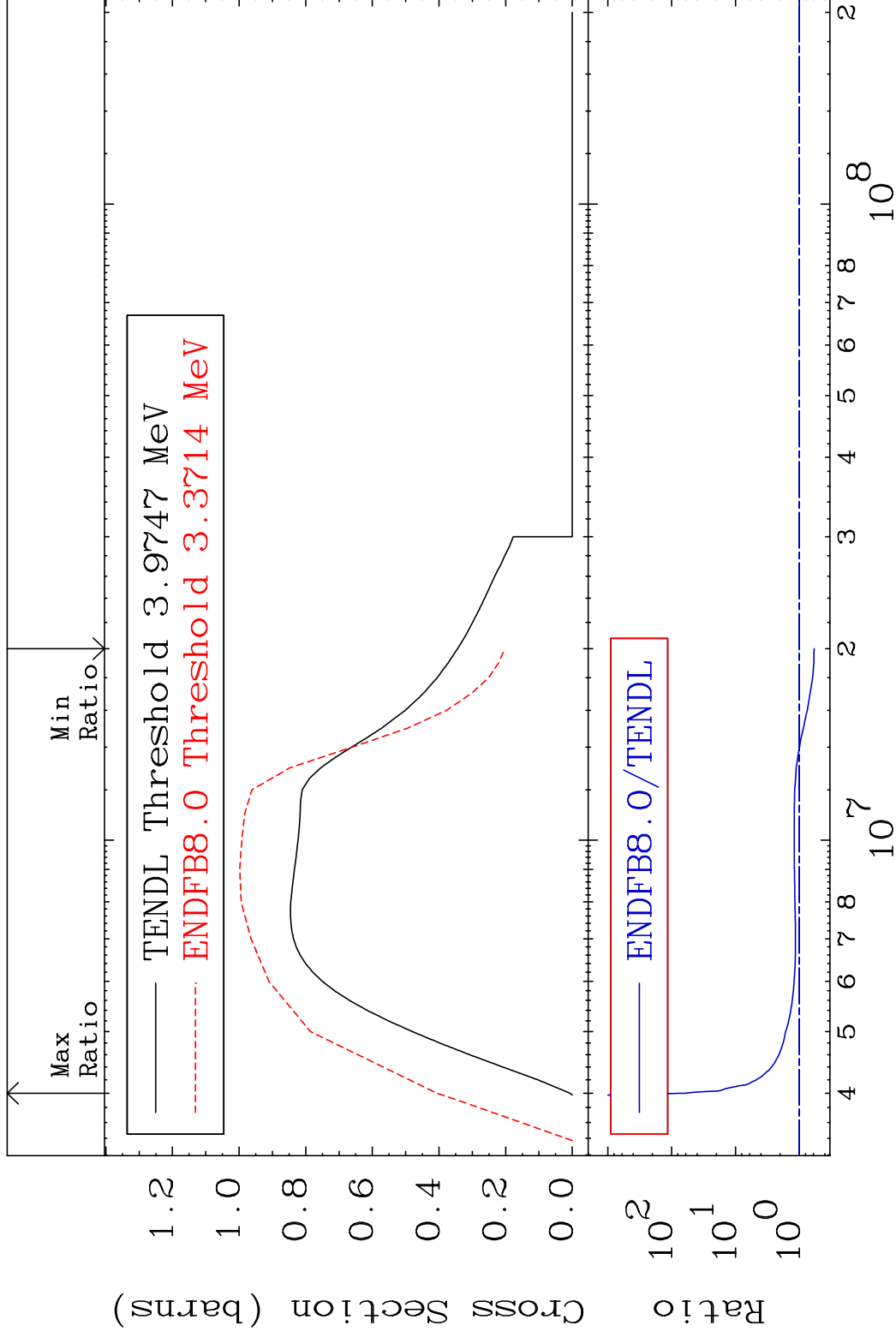


MAT 2225

(n,n') Continuum

22-Ti-46

Cross Section -41.21 To 6392. %

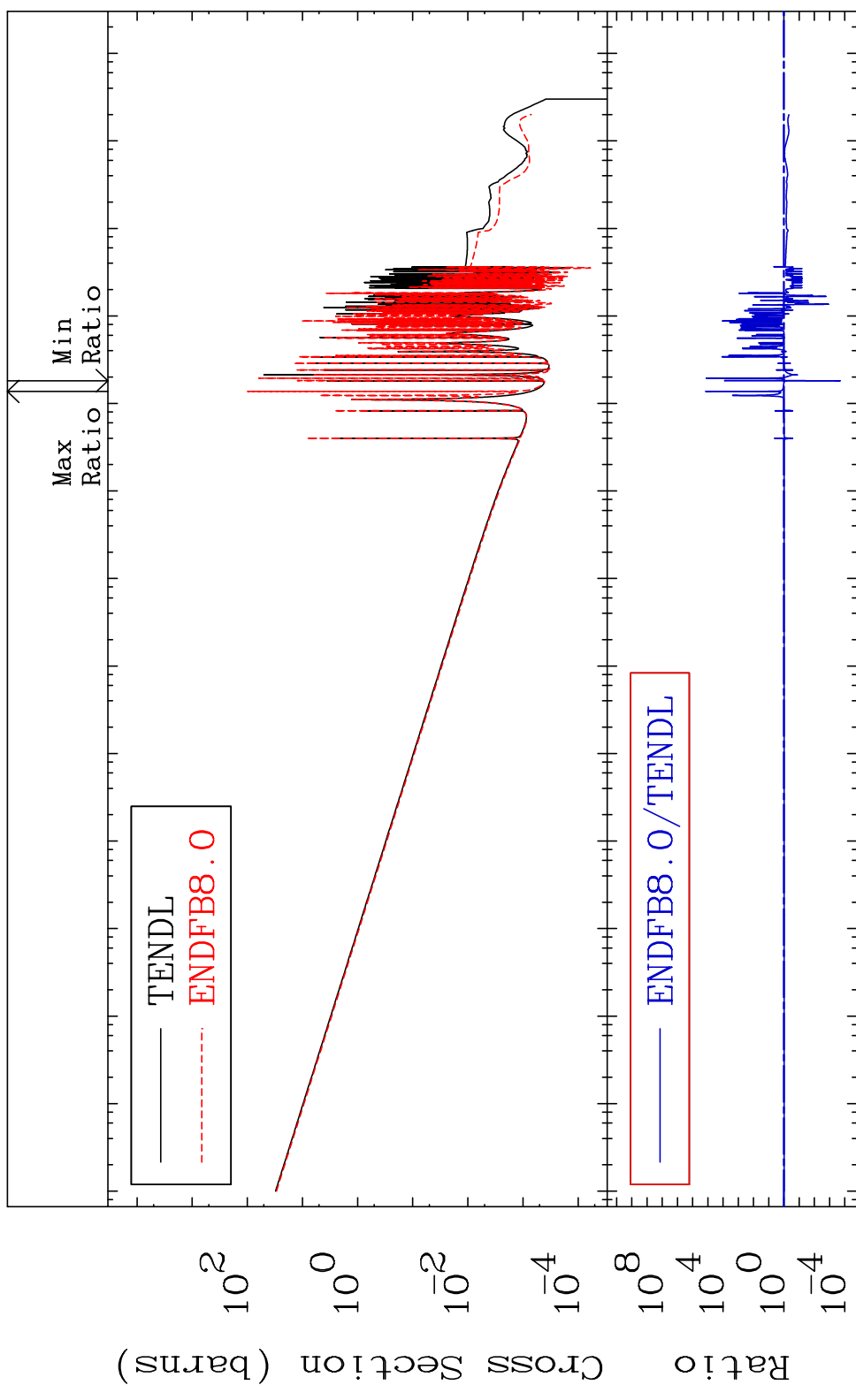


MAT 2225

(n, γ)

22-Ti-46

Cross Section -99.98 To 9999. %

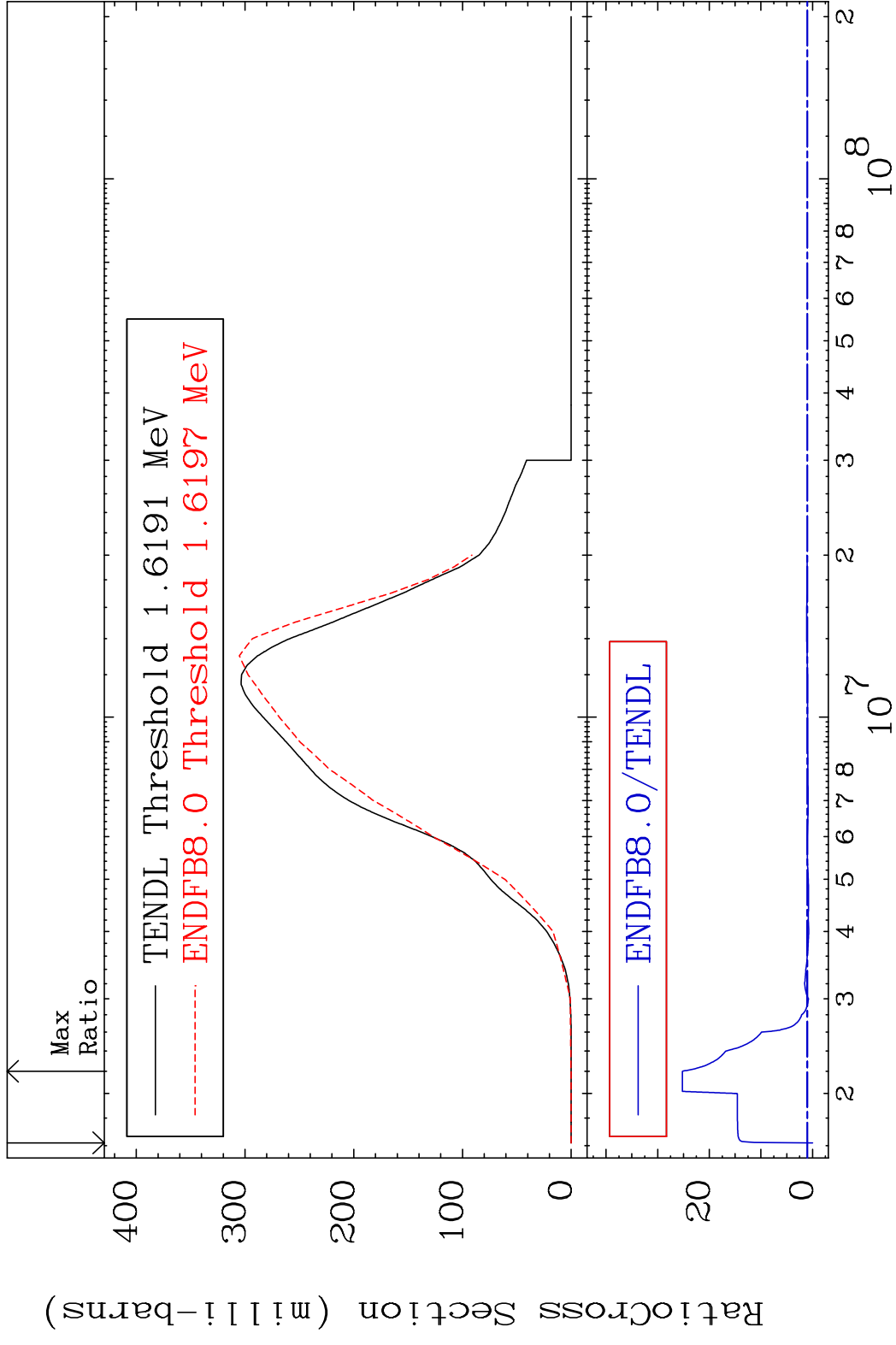


17

Incident Energy (eV)

22-Ti-46

MAT 2225 (n,p) 22-Ti-46
 Cross Section -100.0 To 2422. %

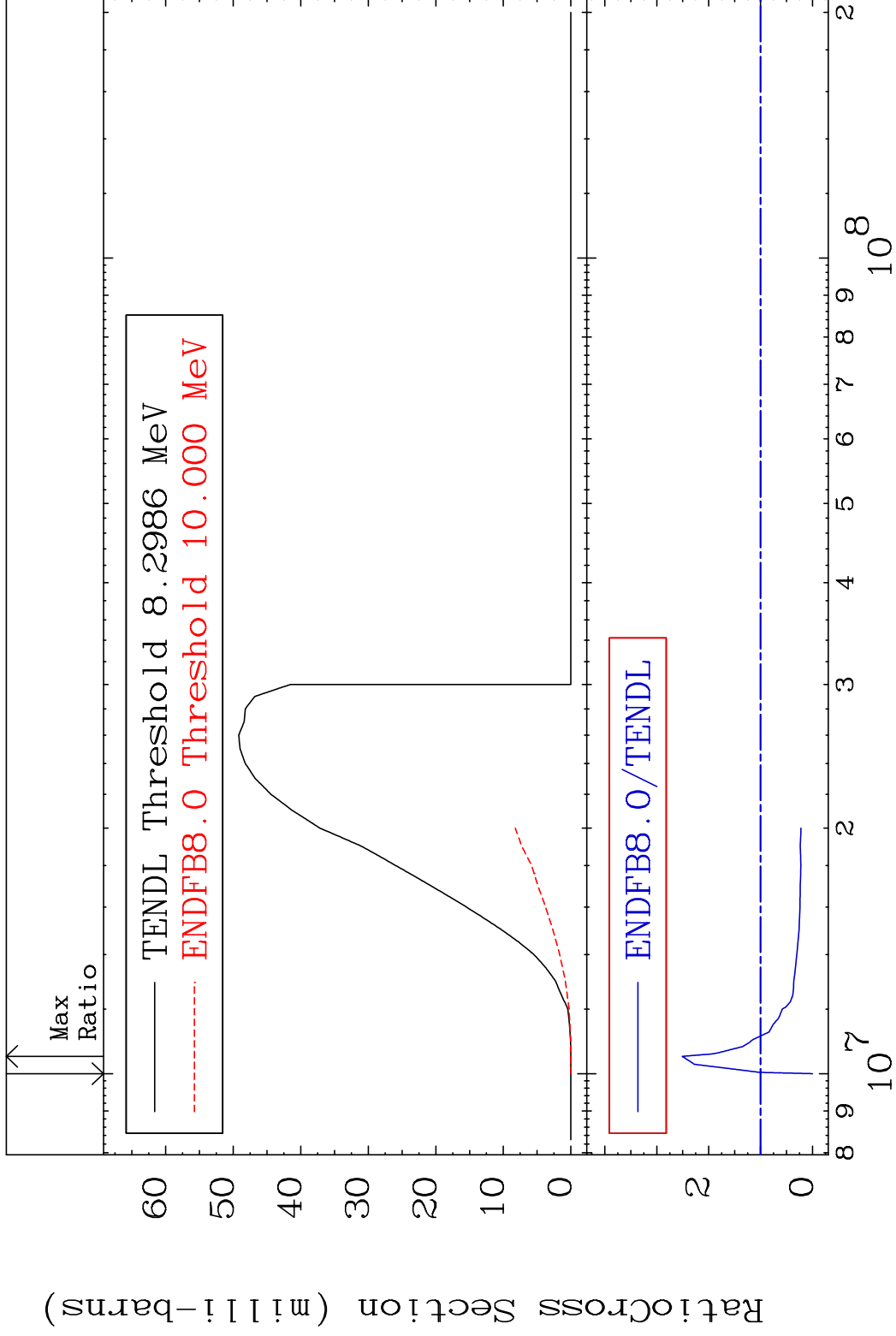


MAT 2225

(n, d)

²²Ti-46

Cross Section -100.0 To 151.1 %

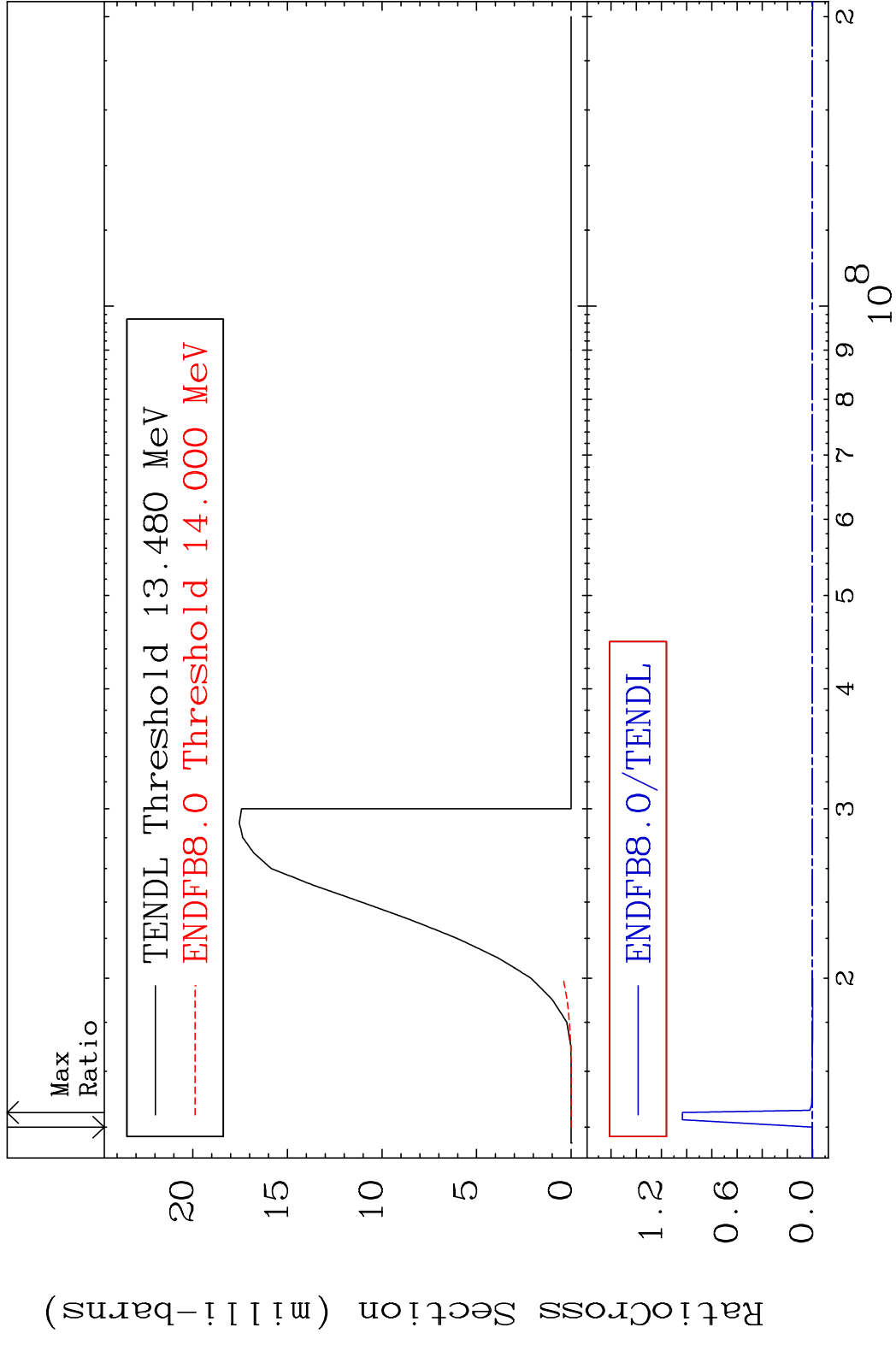


19

Incident Energy (eV)

²²Ti-46

MAT 2225 (n, t) 22-Ti-46
 Cross Section -100.0 To 9999. %



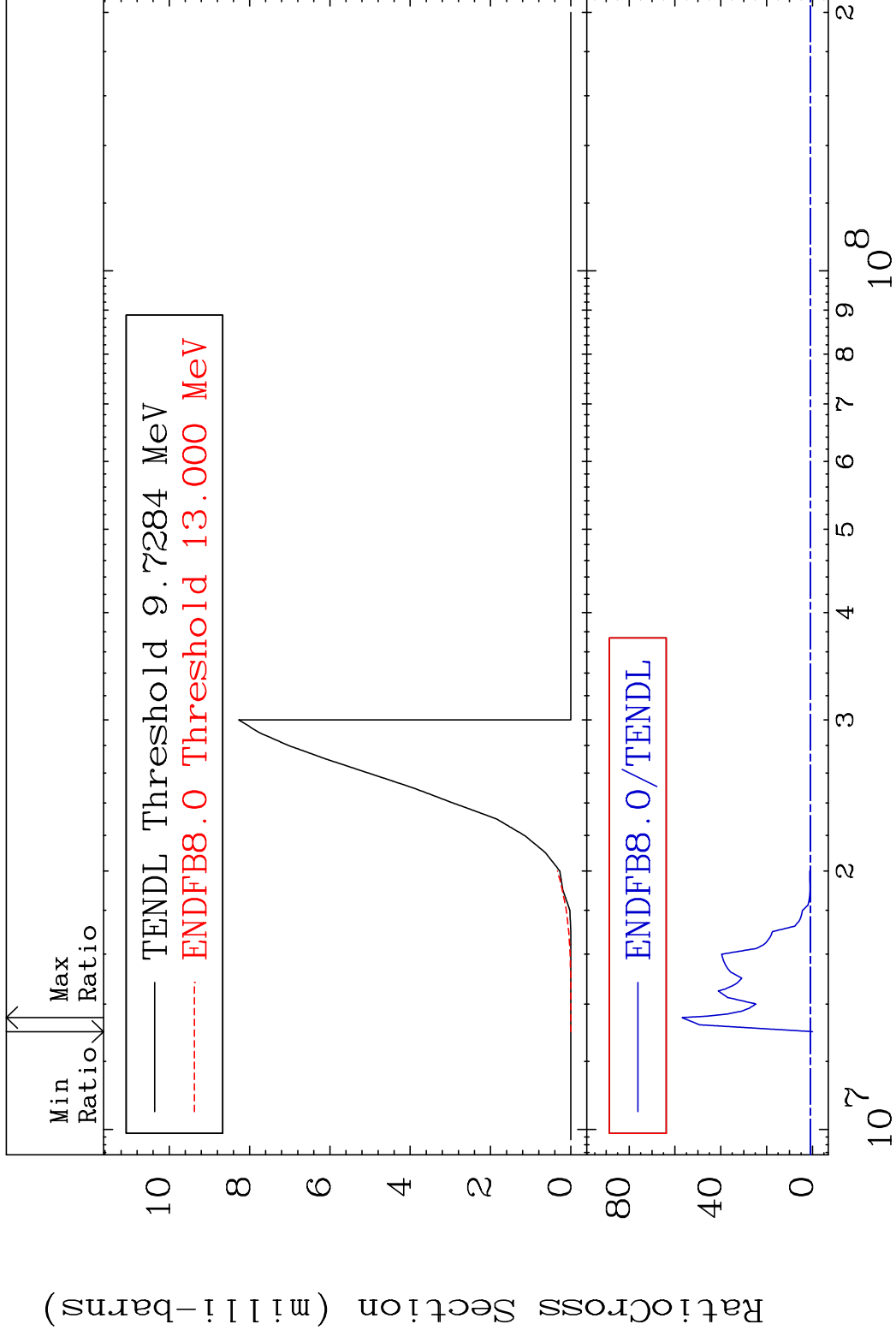
20 22-Ti-46

MAT 2225

(n, He-3)

²²Ti-46

Cross Section -100.0 To 5587. %

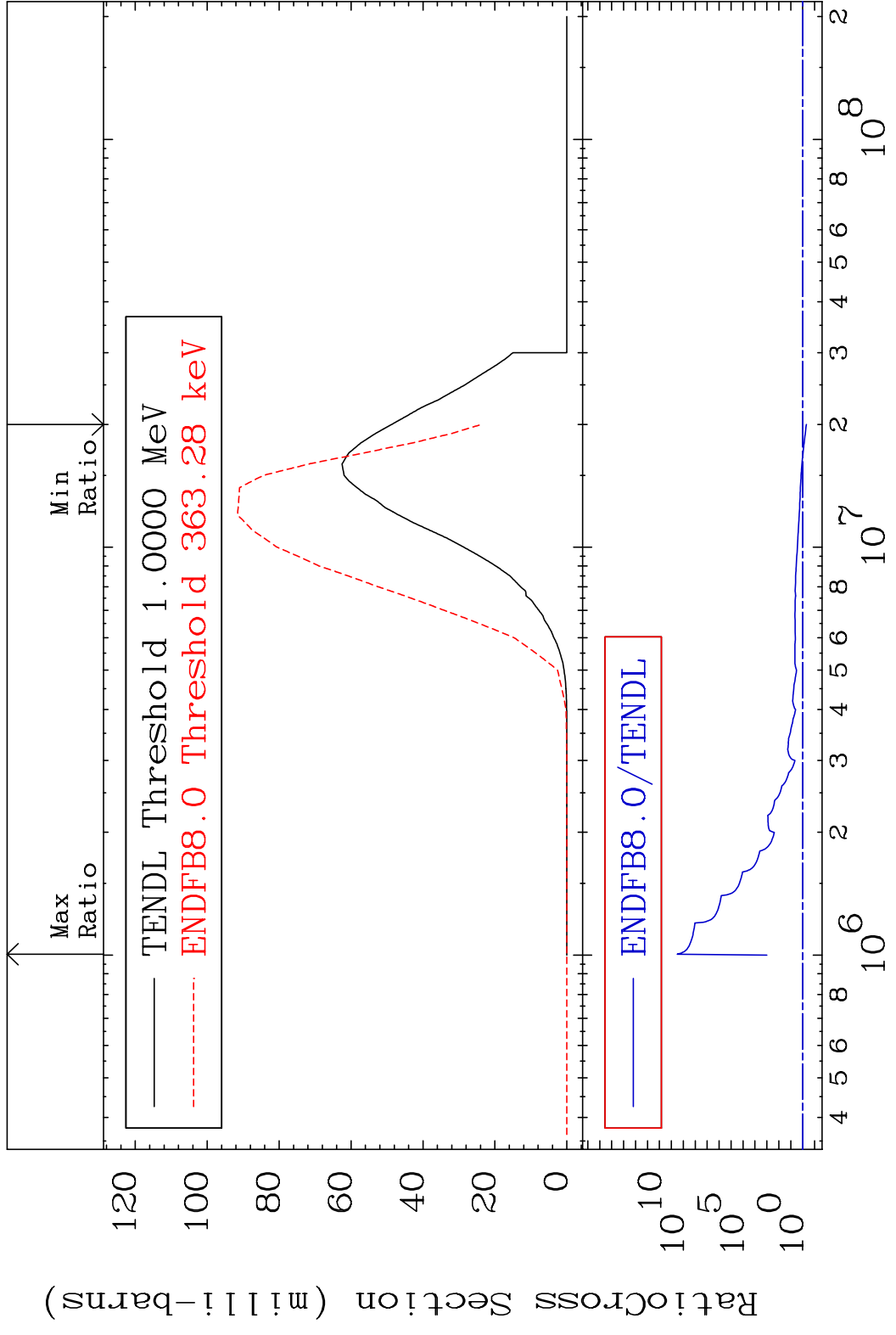


21

Incident Energy (eV)

²²Ti-46

MAT 2225 (n, α) 22-Ti-46
 Cross Section -51.22 To 9999. %

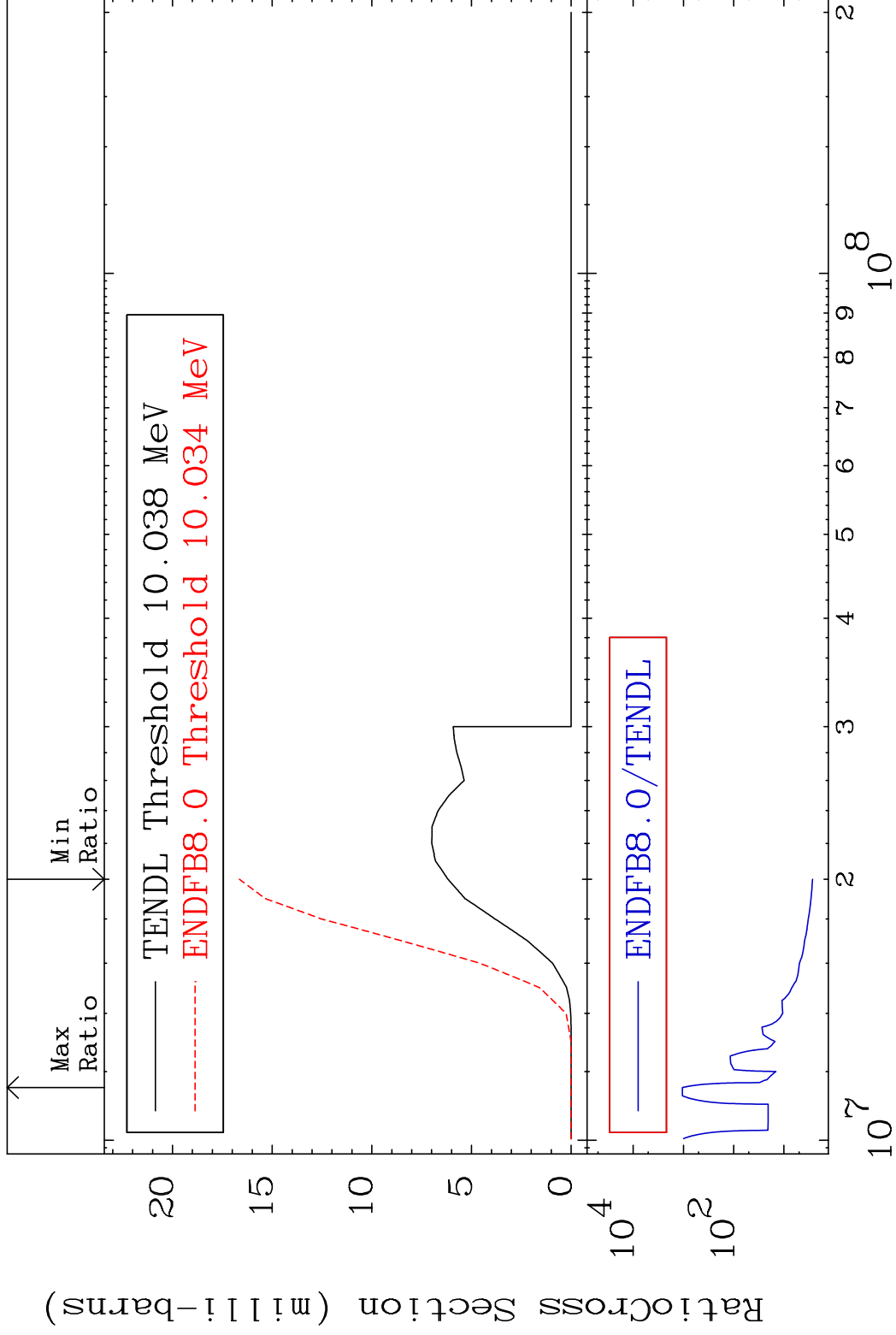


MAT 2225

(n,2p)

22-Ti-46

Cross Section 169.3 To 9999. %

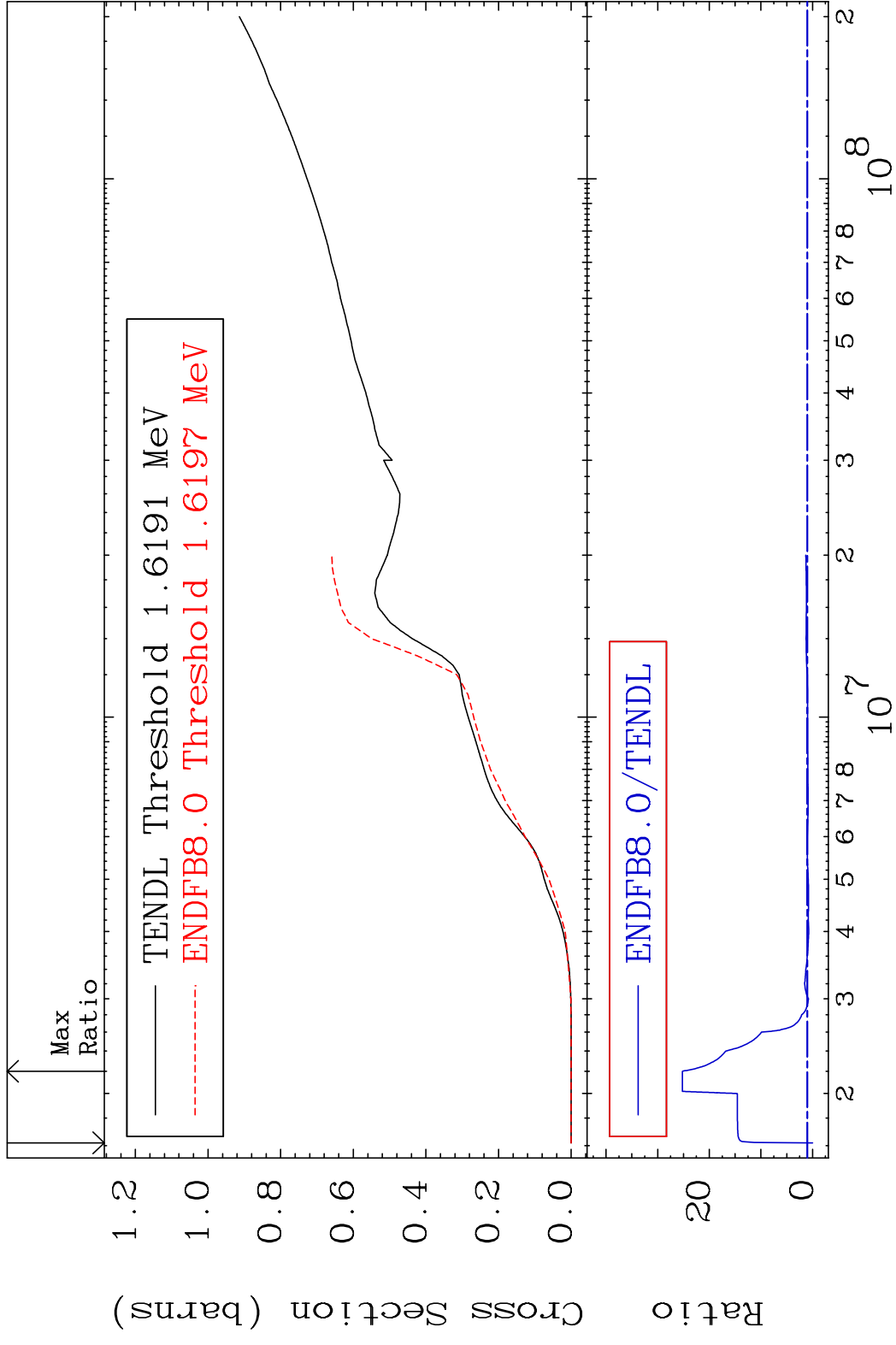


23

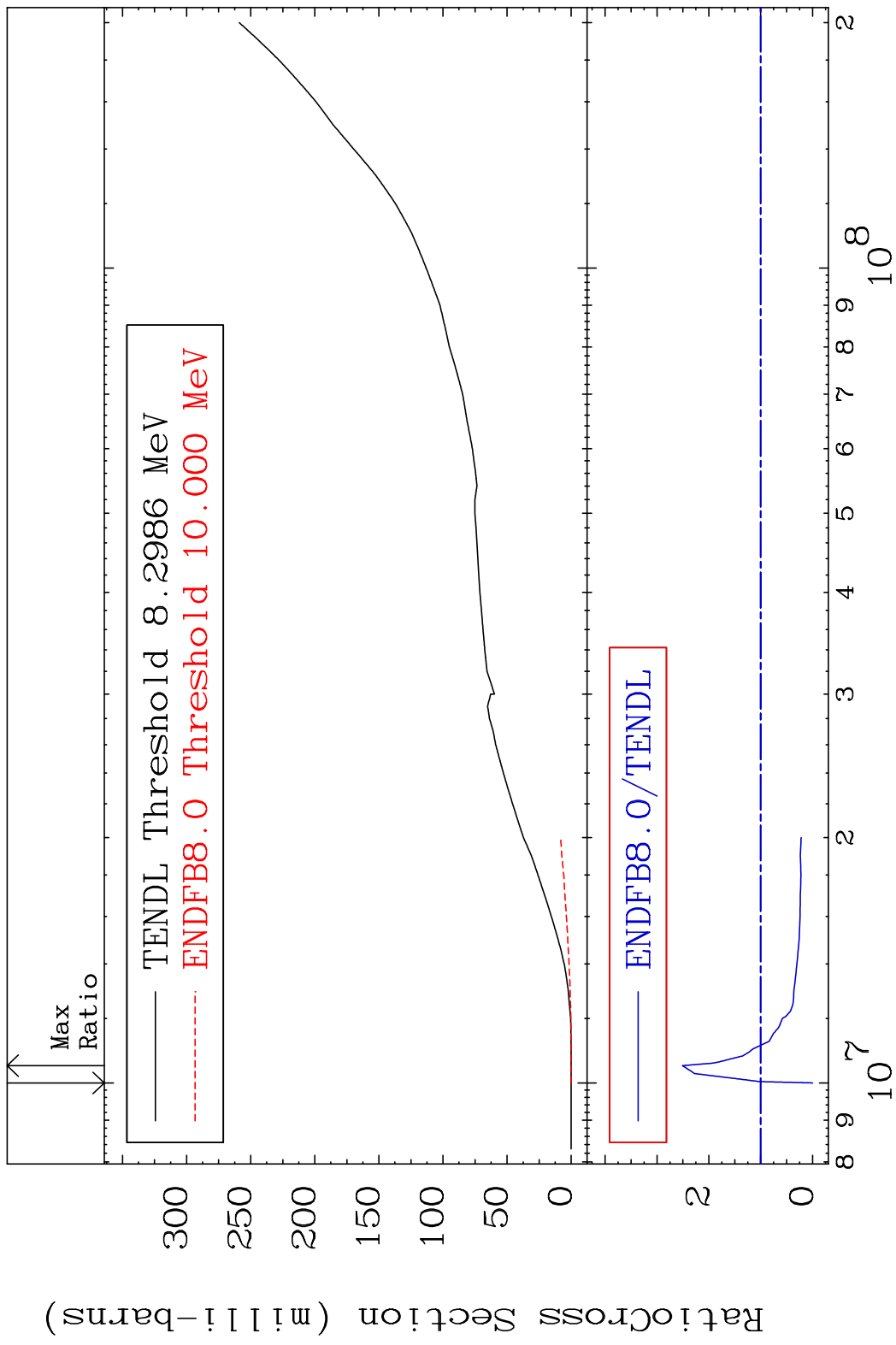
Incident Energy (eV)

22-Ti-46

MAT 2225 Hydrogen Production 22-Ti-46
 Cross Section -100.0 To 2422. %

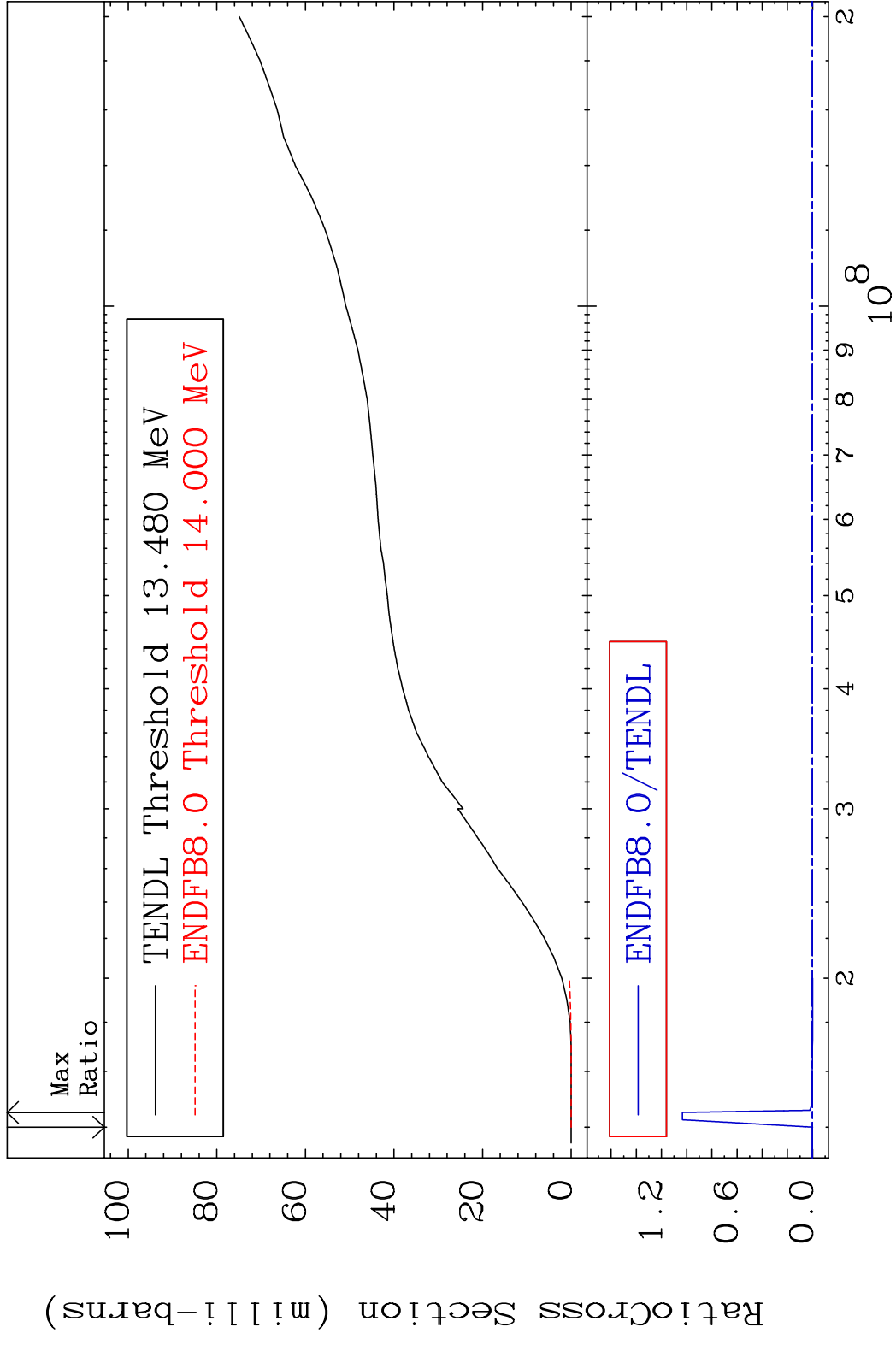


MAT 2225 Deuterium Production $^{22}\text{Ti-46}$
 Cross Section -100.0 To 151.1 %



25 $^{22}\text{Ti-46}$

MAT 2225 Tritium Production 22-Ti-46
 Cross Section -100.0 To 9999. %

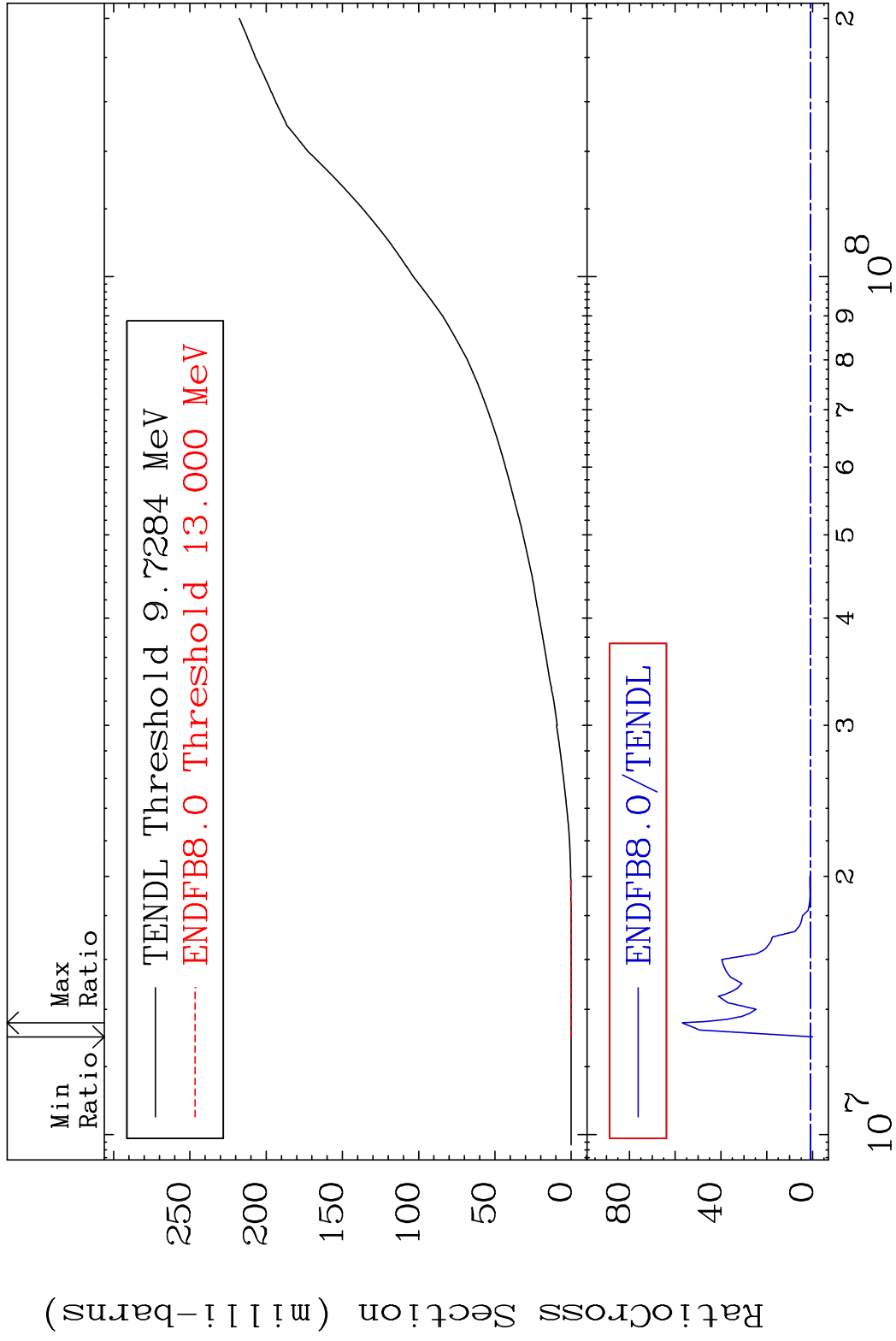


MAT 2225

He-3 Production

²²Ti-46

Cross Section -100.0 To 5587. %

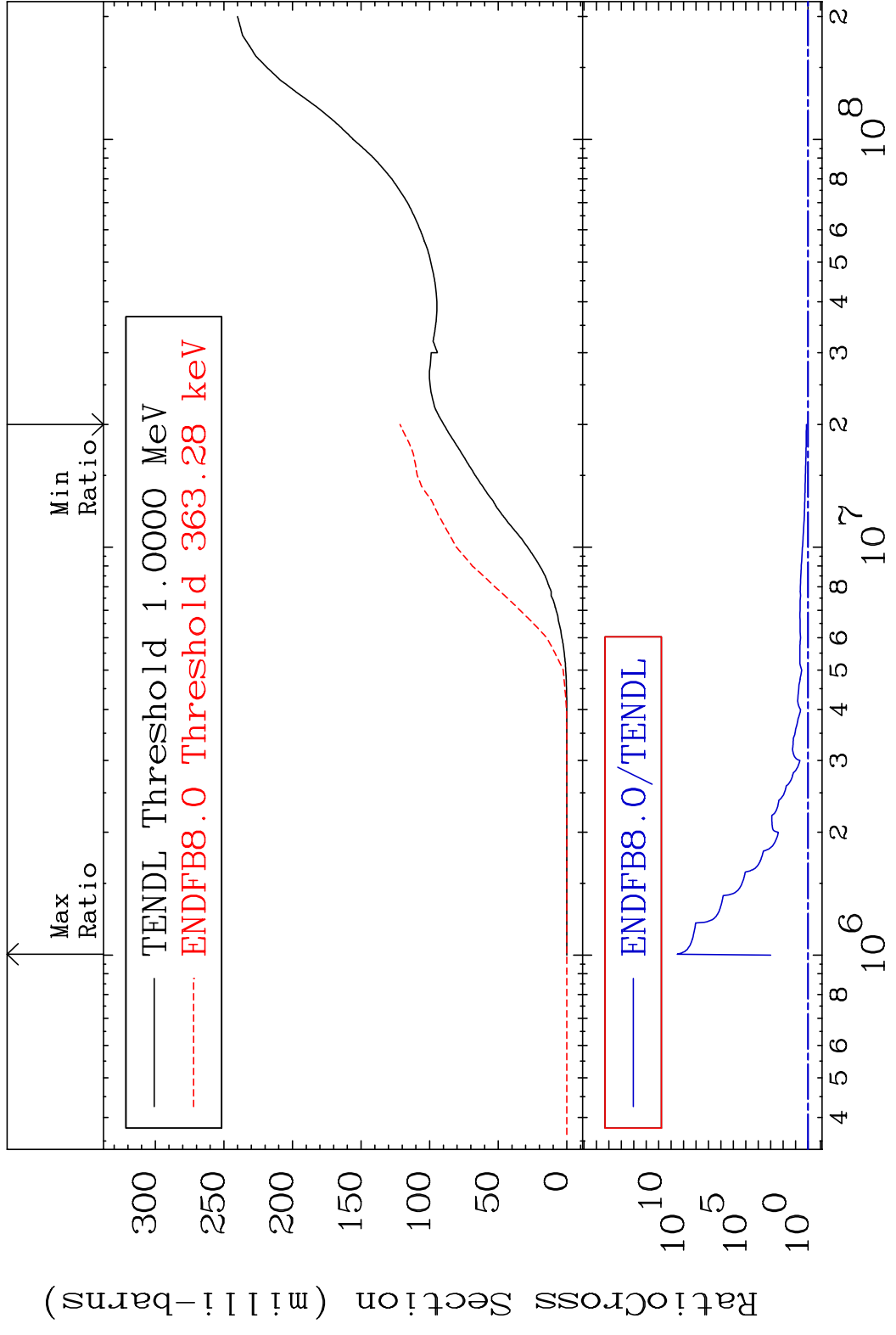


27

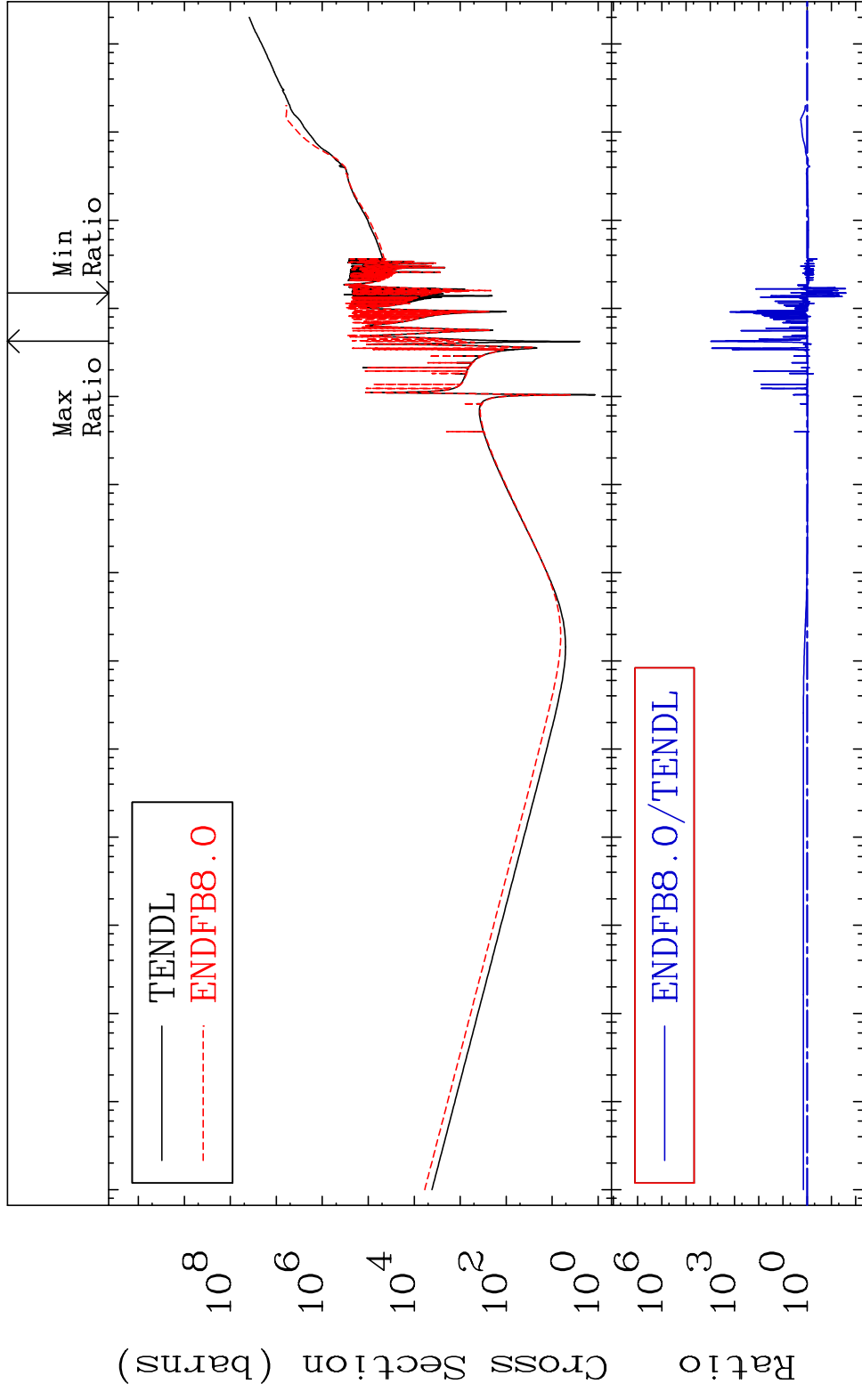
Incident Energy (eV)

²²Ti-46

MAT 2225 He-4 Production 22-Ti-46
 Cross Section 35.58 To 9999. %



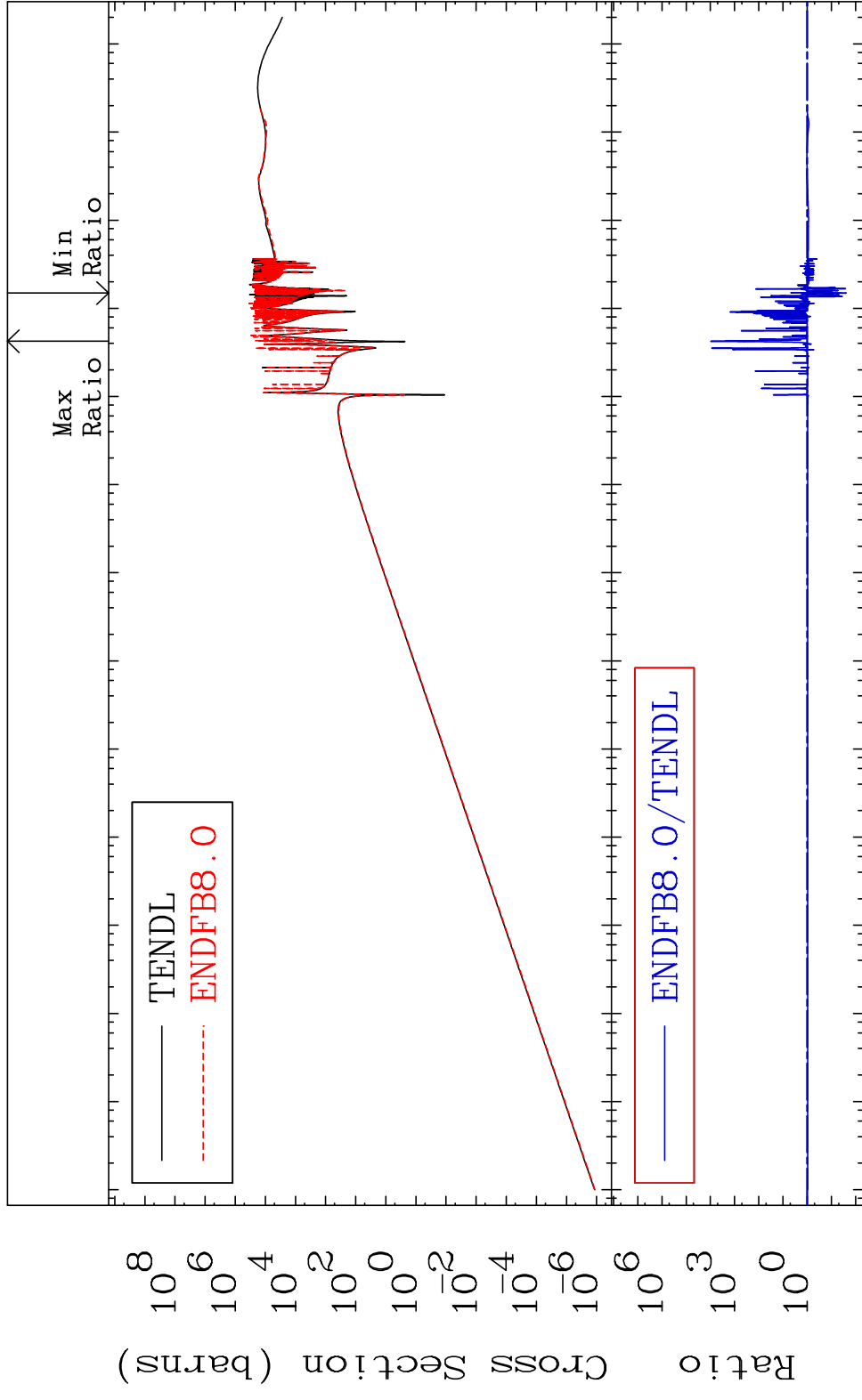
MAT 2225 Kerma total (eV-barns) 22-Ti-46
 Cross Section -97.56 To 9999. %



MAT 2225

Kerma elastic
Cross Section

22-Ti-46
-97.56 To 9999. %

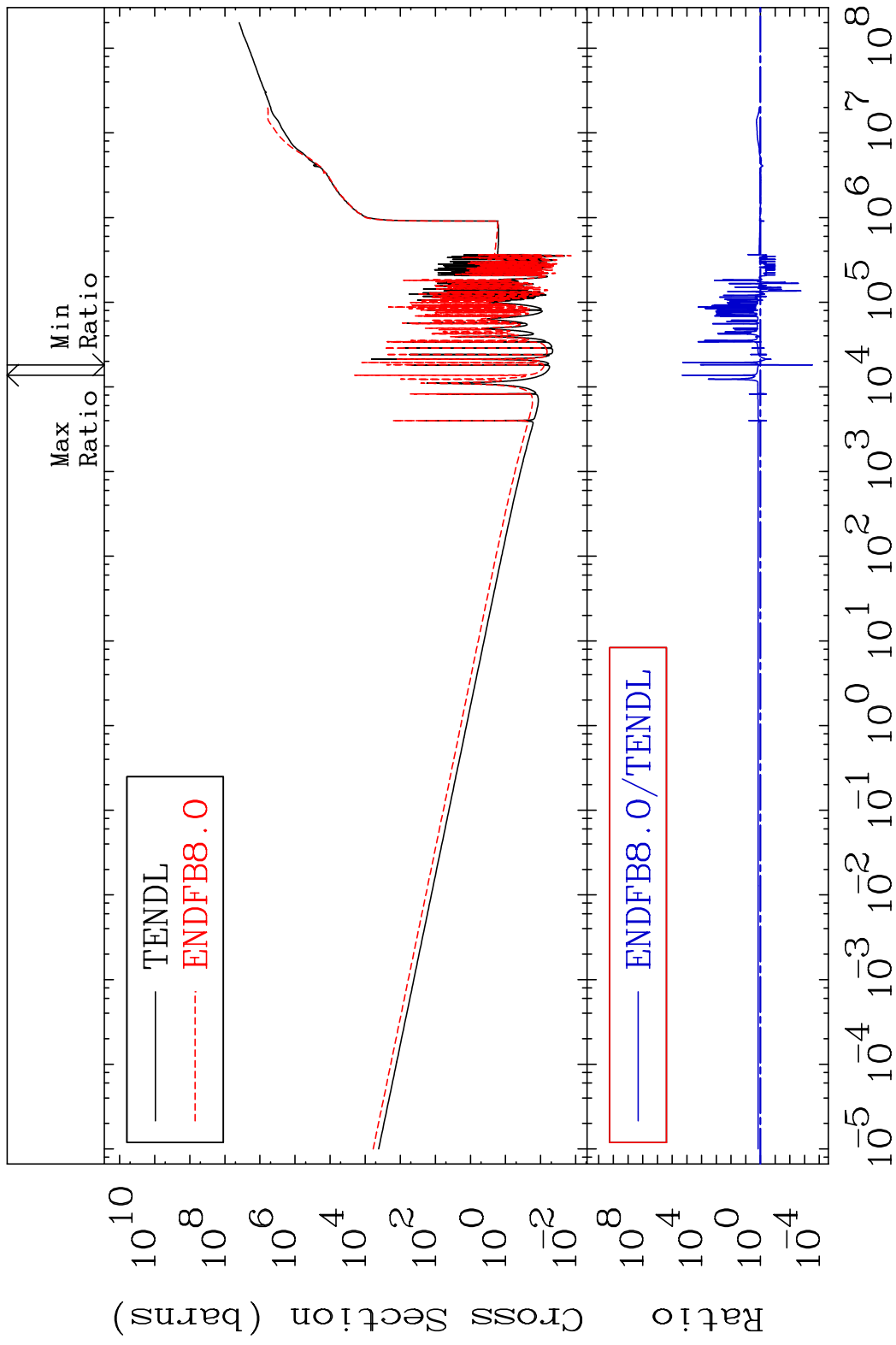


30

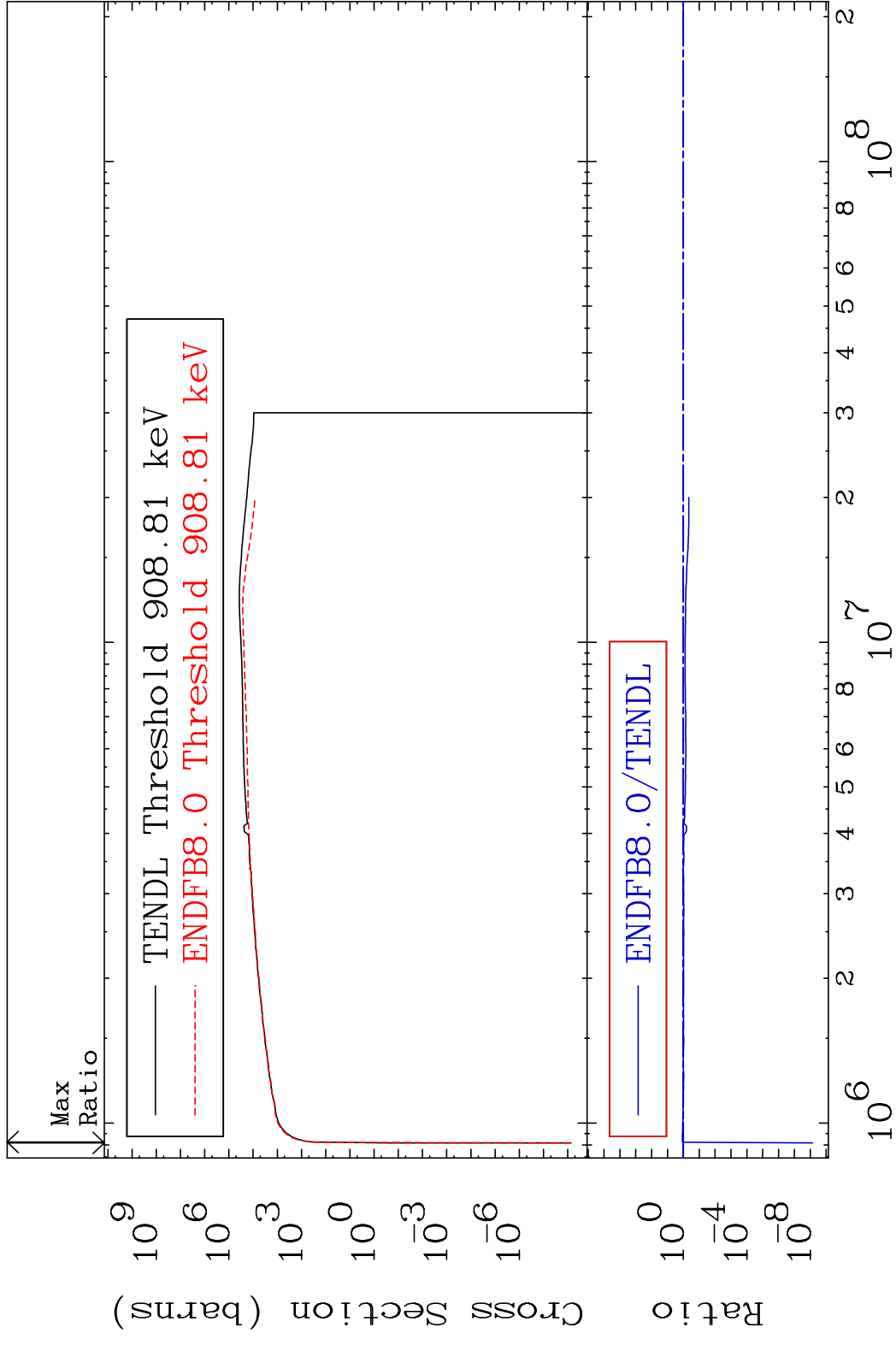
Incident Energy (eV)

22-Ti-46

MAT 2225 Kerma non-elastic (all but mt2) 22-Ti-46
 Cross Section -99.97 To 9999. %

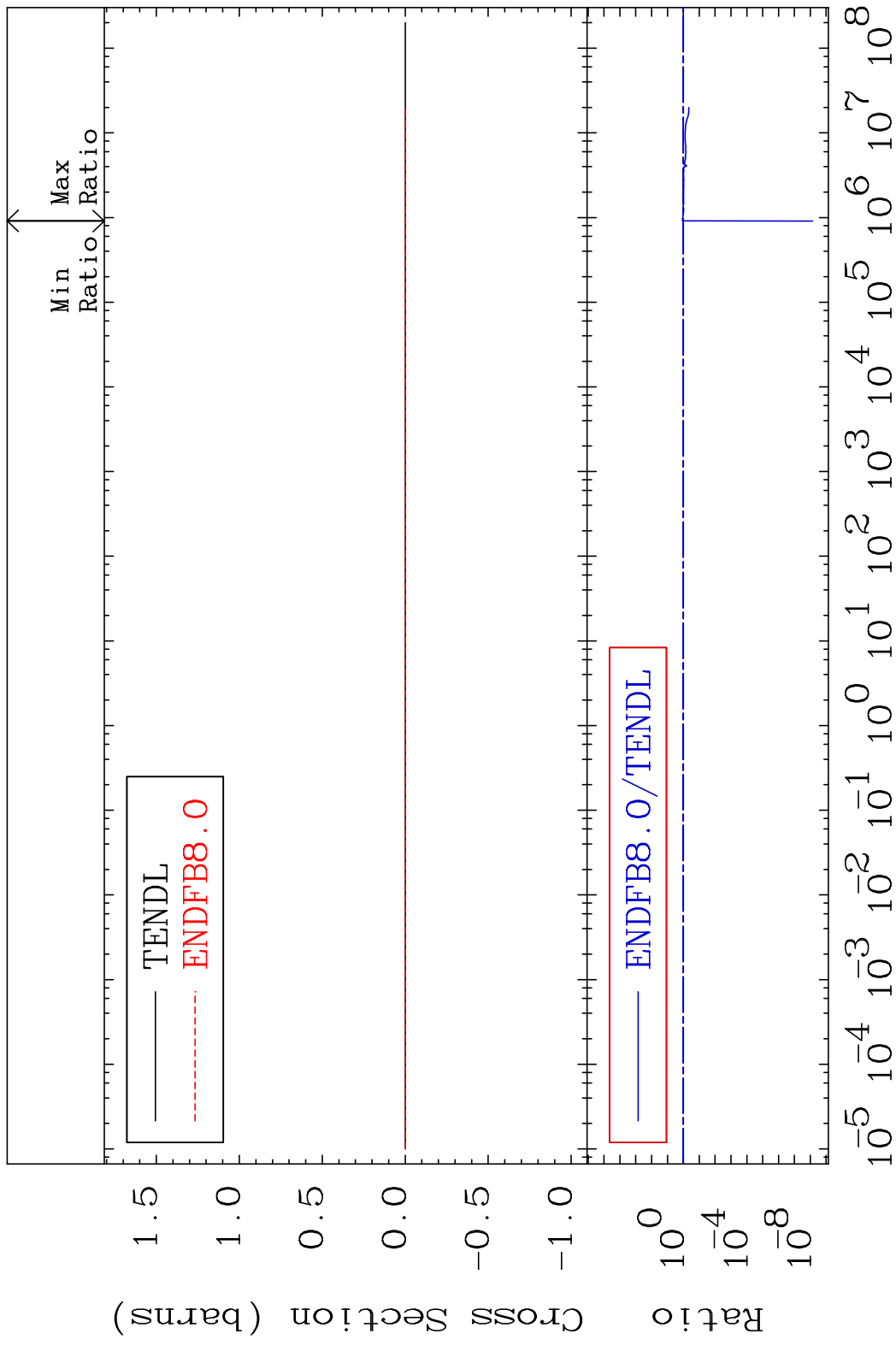


MAT 2225 Kerma inelastic (mt51-91) 22-Ti-46
 Cross Section -100.0 To 15.40 %

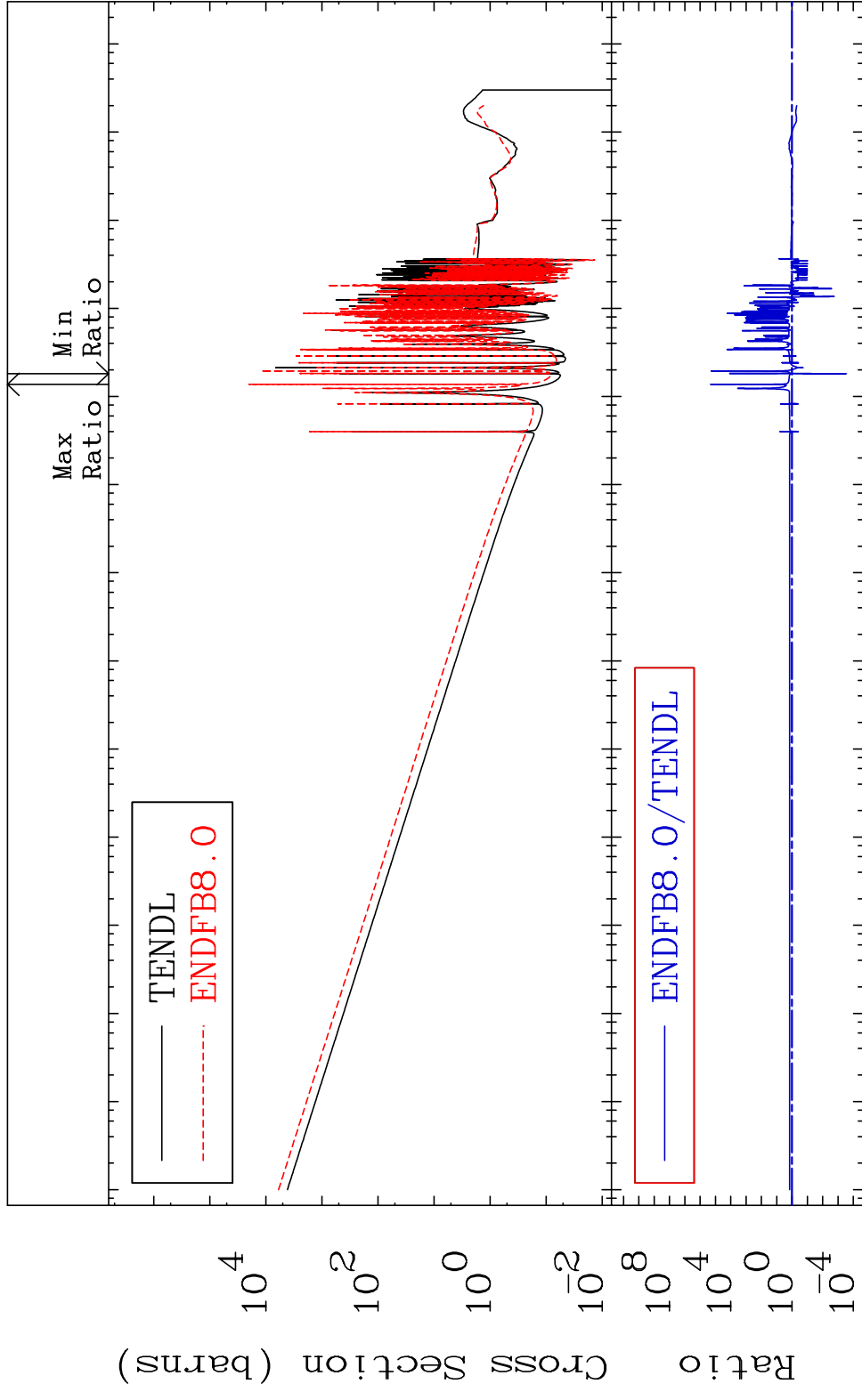


32 Incident Energy (eV) 22-Ti-46

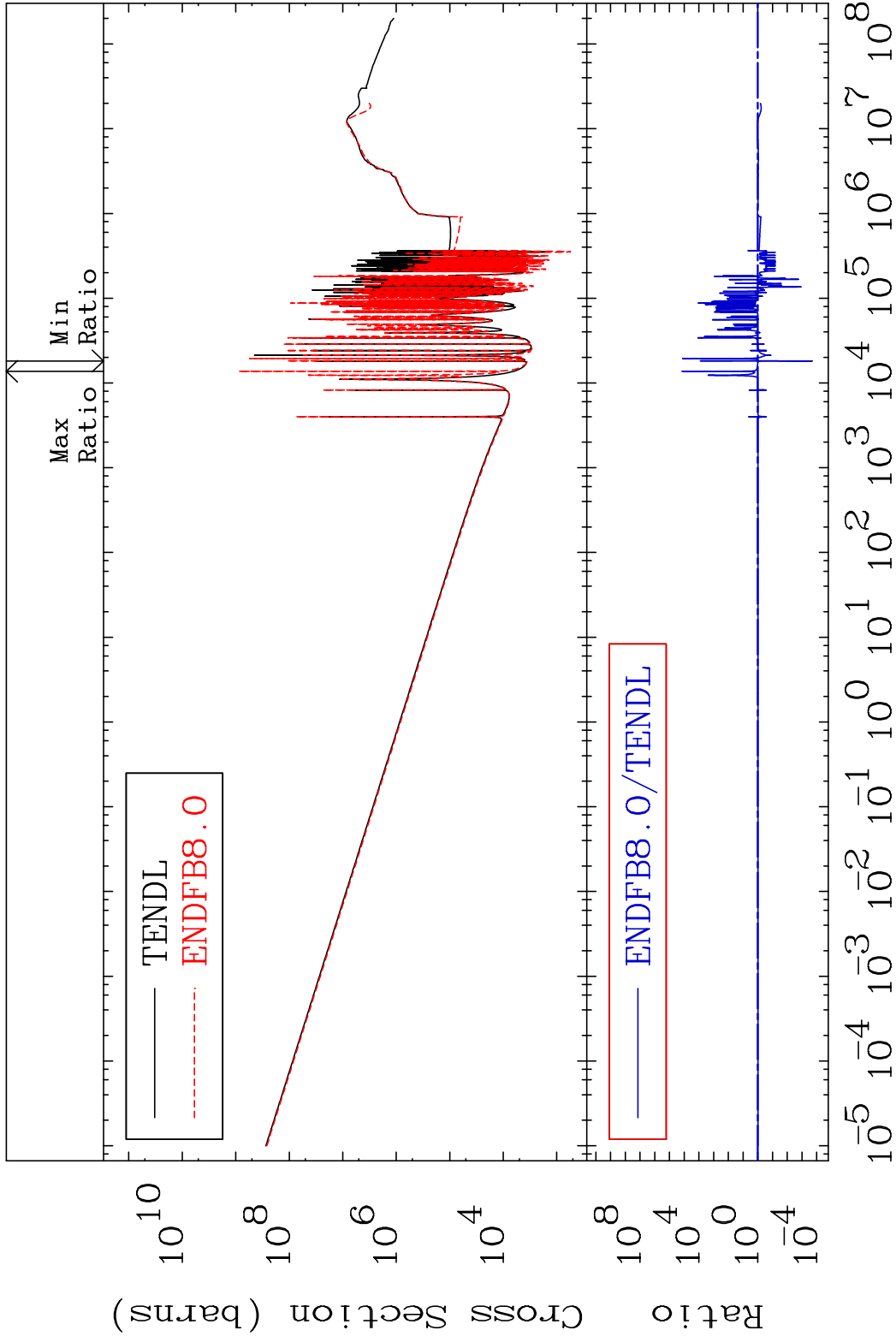
MAT 2225 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-46
 Cross Section -100.0 To 15.40 %



MAT 2225 Kerma capture (mt102) 22-Ti-46
 Cross Section -99.97 To 9999. %

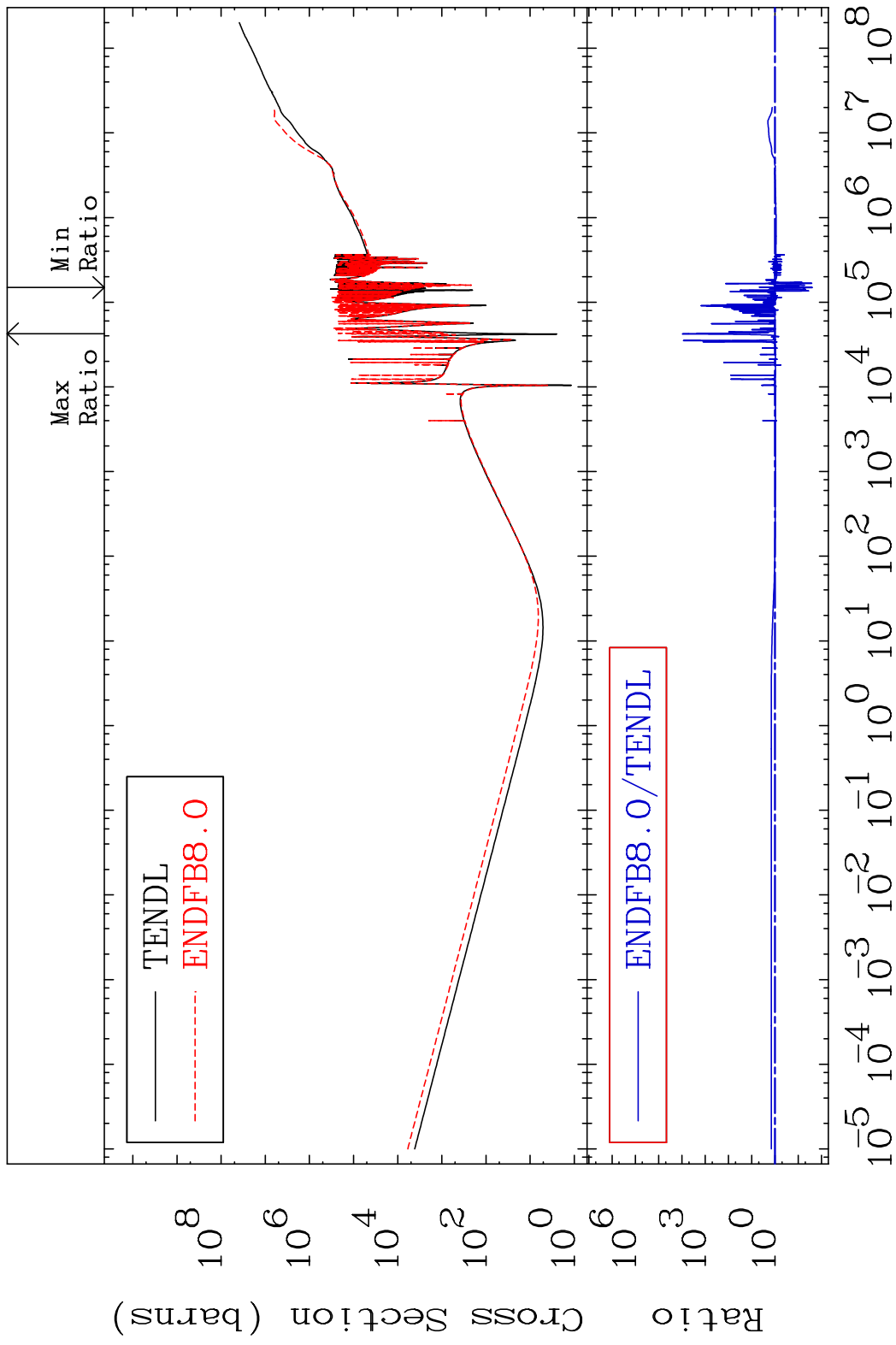


MAT 2225 Total photon (eV-barns) 22-Ti-46
Cross Section -99.98 To 9999. %

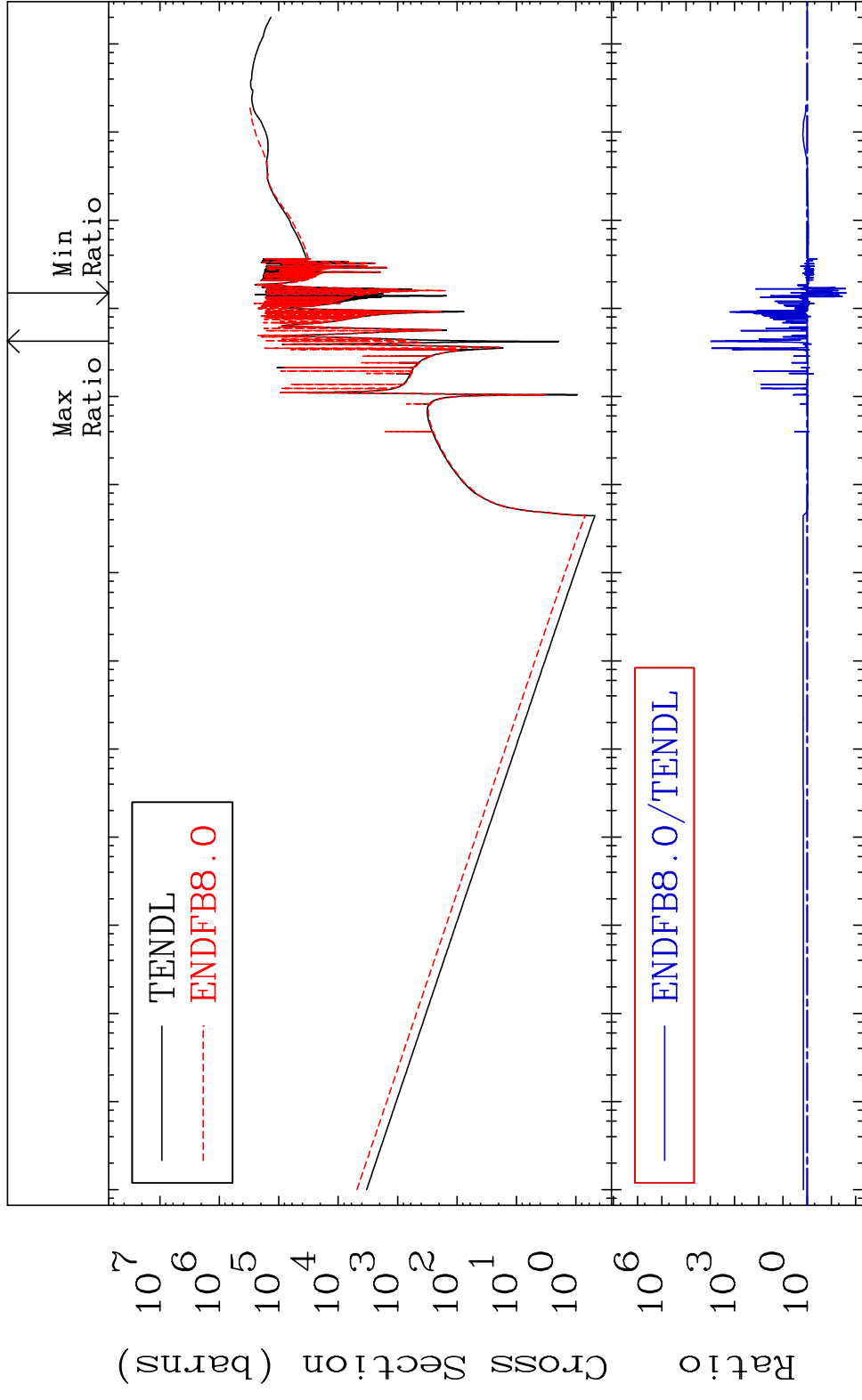


35 Incident Energy (eV) 22-Ti-46

MAT 2225 Total kinematic kerma (high limit) 22-Ti-46
 Cross Section -97.56 To 9999. %



MAT 2225 Dpa total (eV-barns) 22-Ti-46
 Cross Section -97.56 To 9999. %

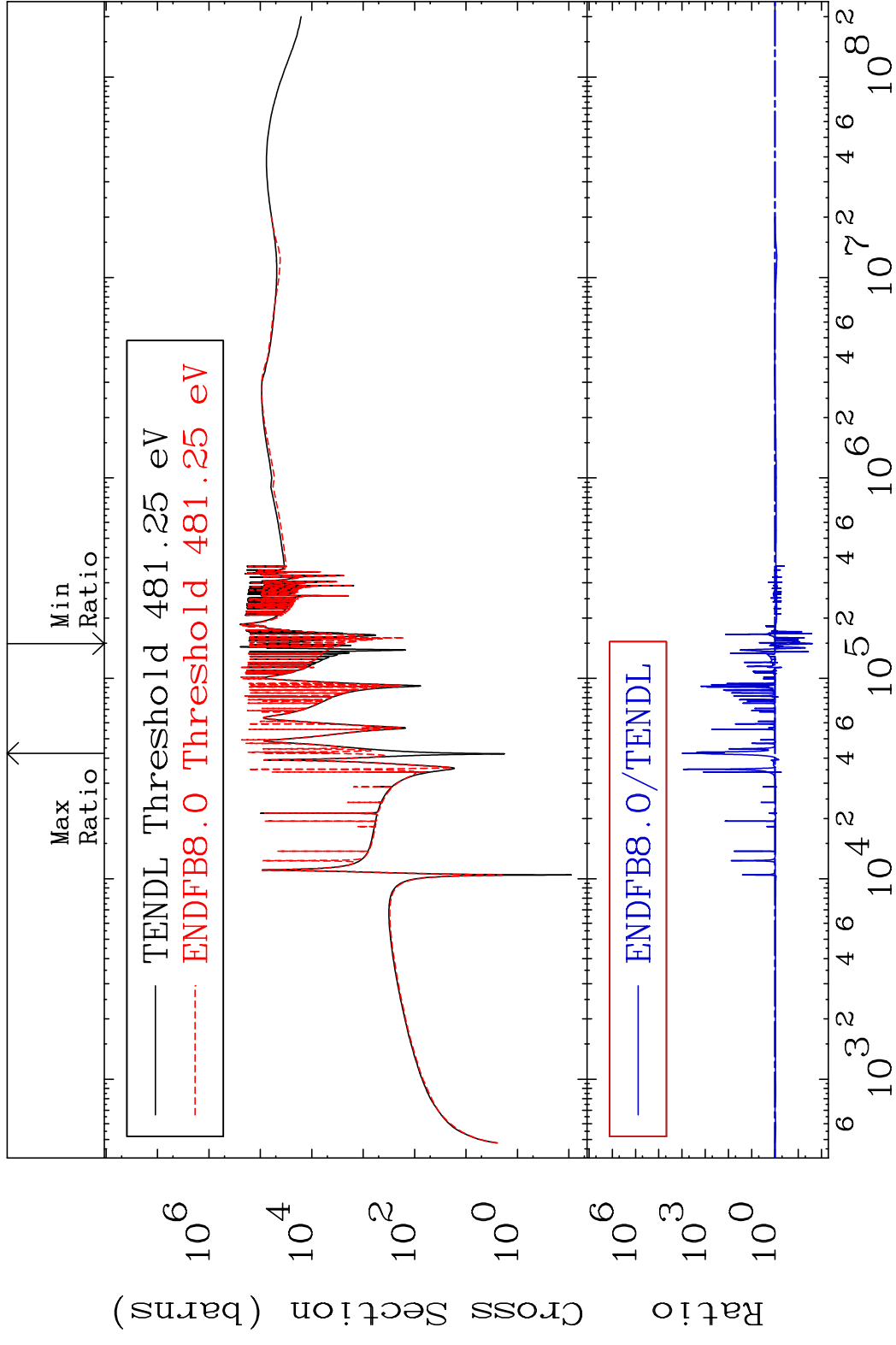


MAT 2225

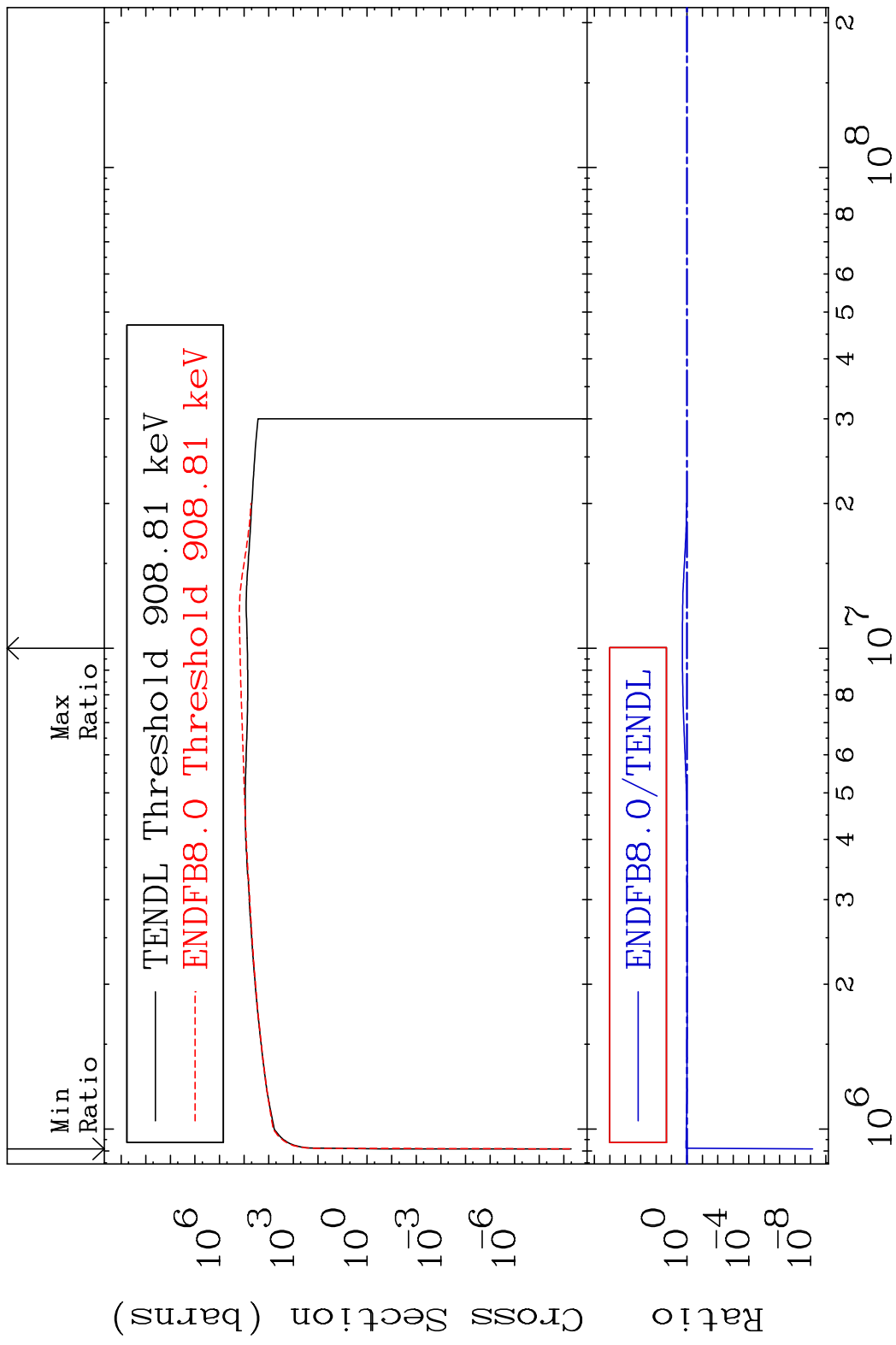
Dpa elastic (mt2)

22-Ti-46

Cross Section -97.56 To 9999. %

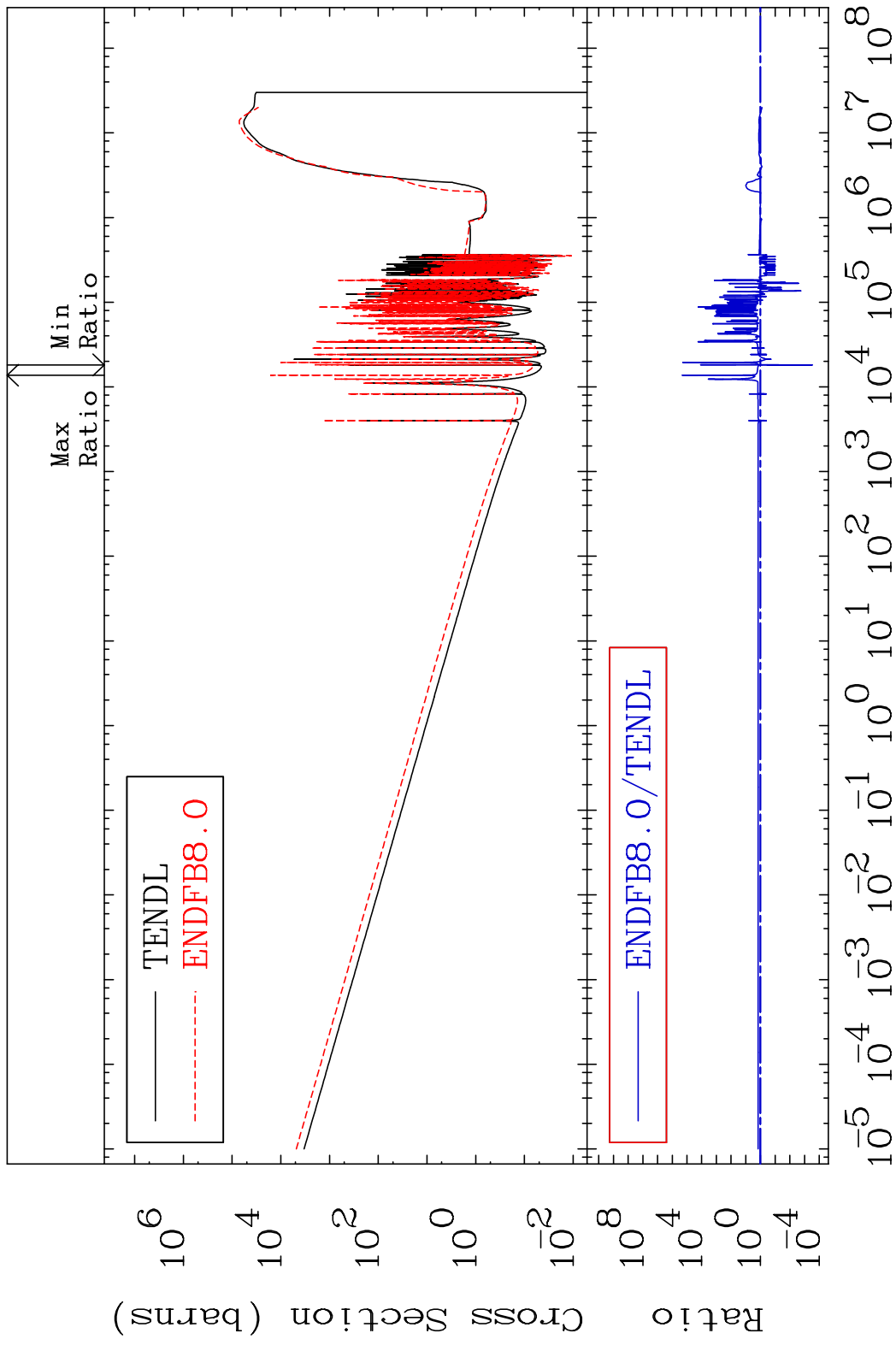


MAT 2225 Dpa inelastic (mt51-91) 22-Ti-46
 Cross Section -100.0 To 99.49 %



39 Incident Energy (eV) 22-Ti-46

MAT 2225 Dpa disappearance (mt102 -120) 22-Ti-46
Cross Section -99.97 To 9999. %



40 Incident Energy (eV) 22-Ti-46