

Program Complot
(Version 2018-1)

by

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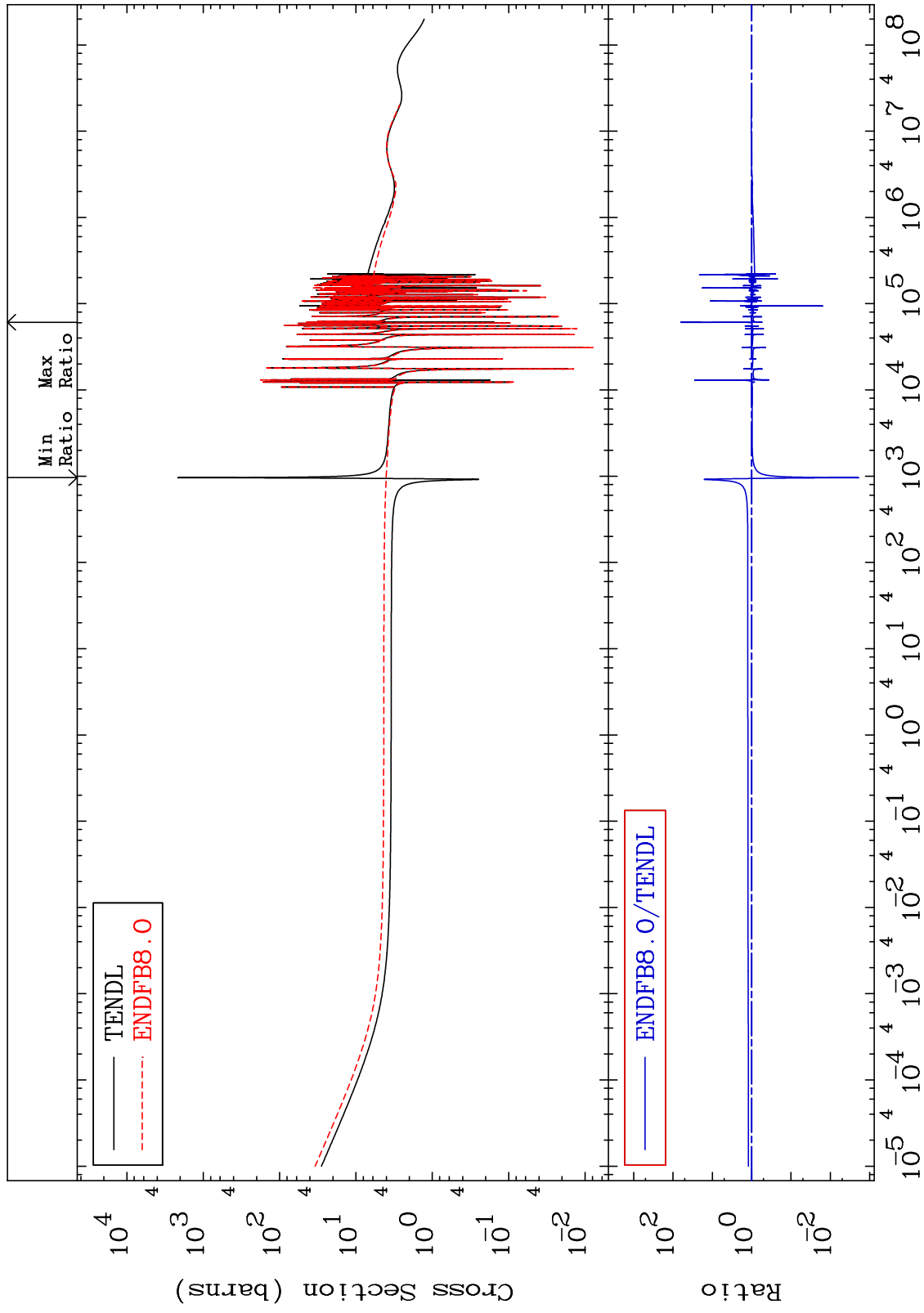
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3043

Total
Cross Section

30-Zn-70
-99.81 To 6286. %



Incident Energy (eV)

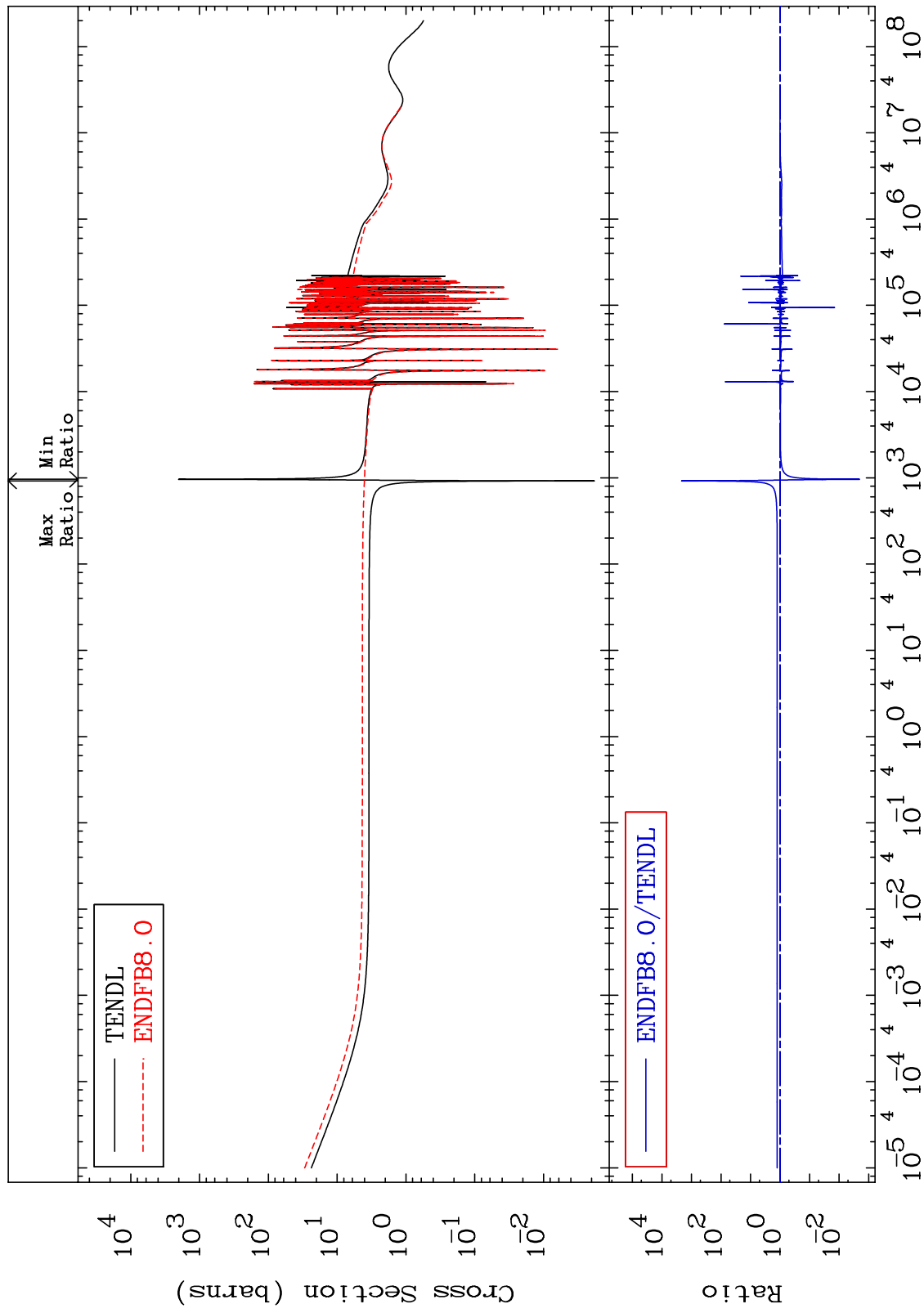
30-Zn-70

1

MAT 3043

Elastic
Cross Section

30-Zn-70
-99.80 To 9999. %

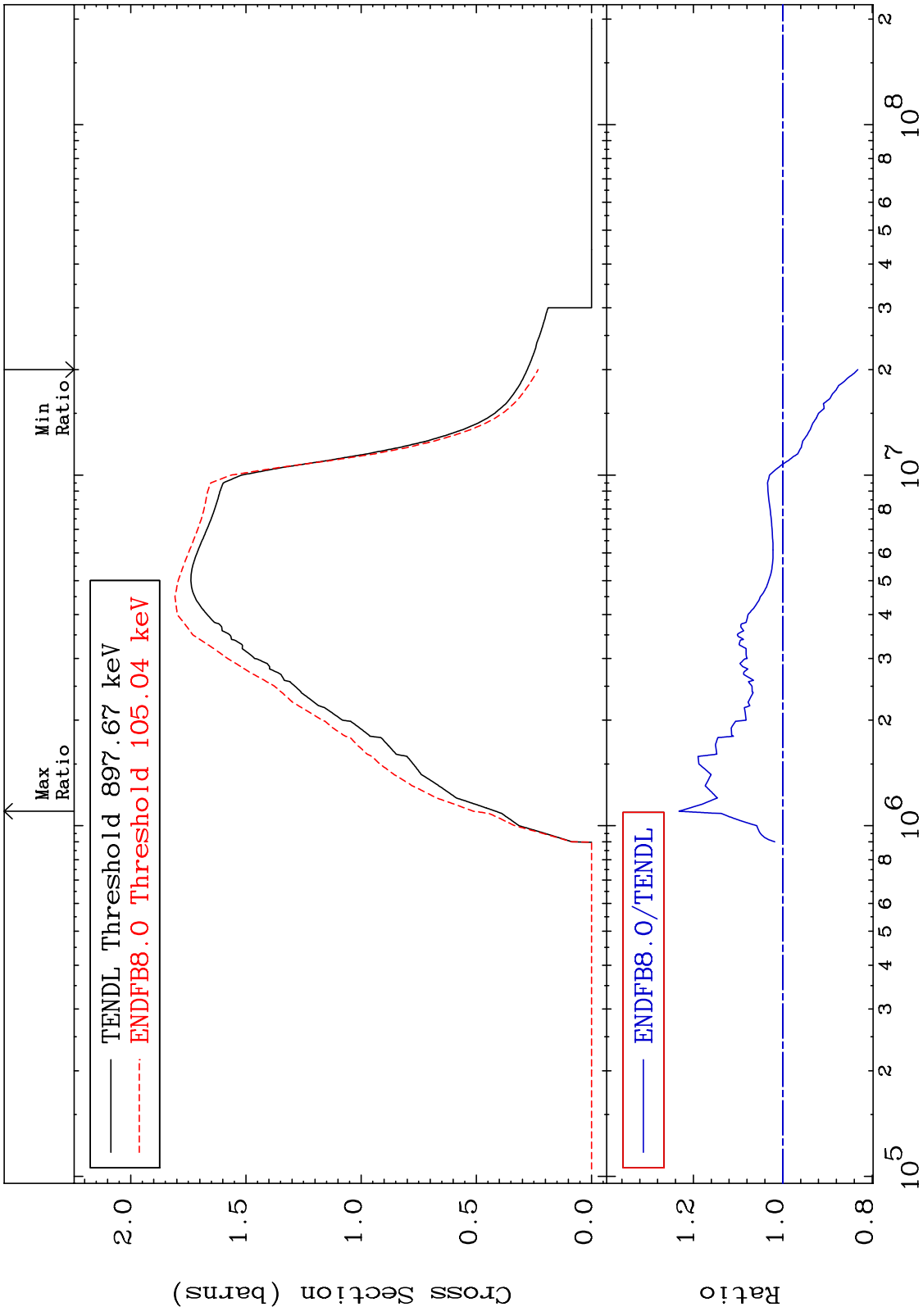


2

Incident Energy (eV)

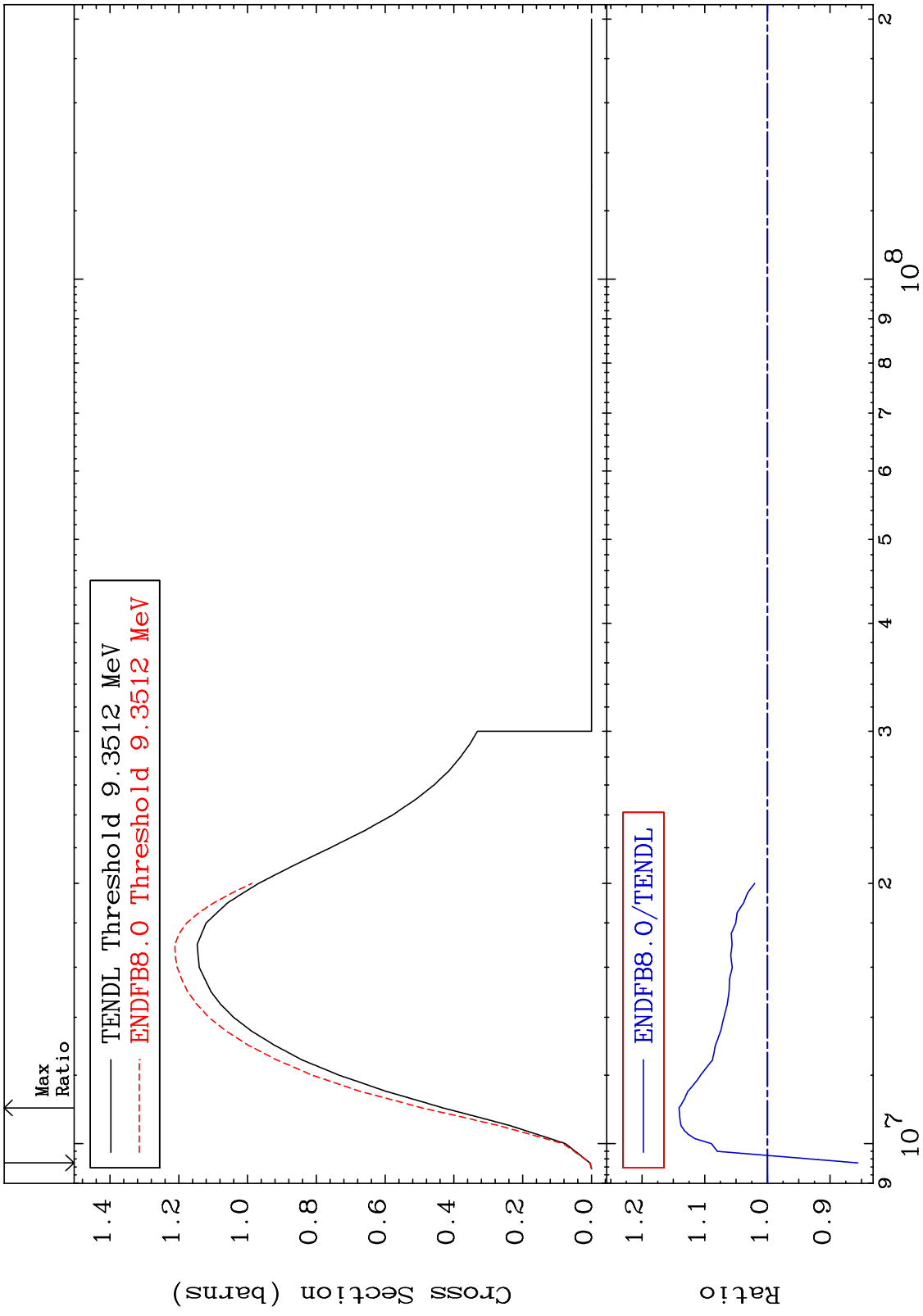
30-Zn-70

MAT 3043 Inelastic Cross Section 30-Zn-70 -16.80 To 23.21 %



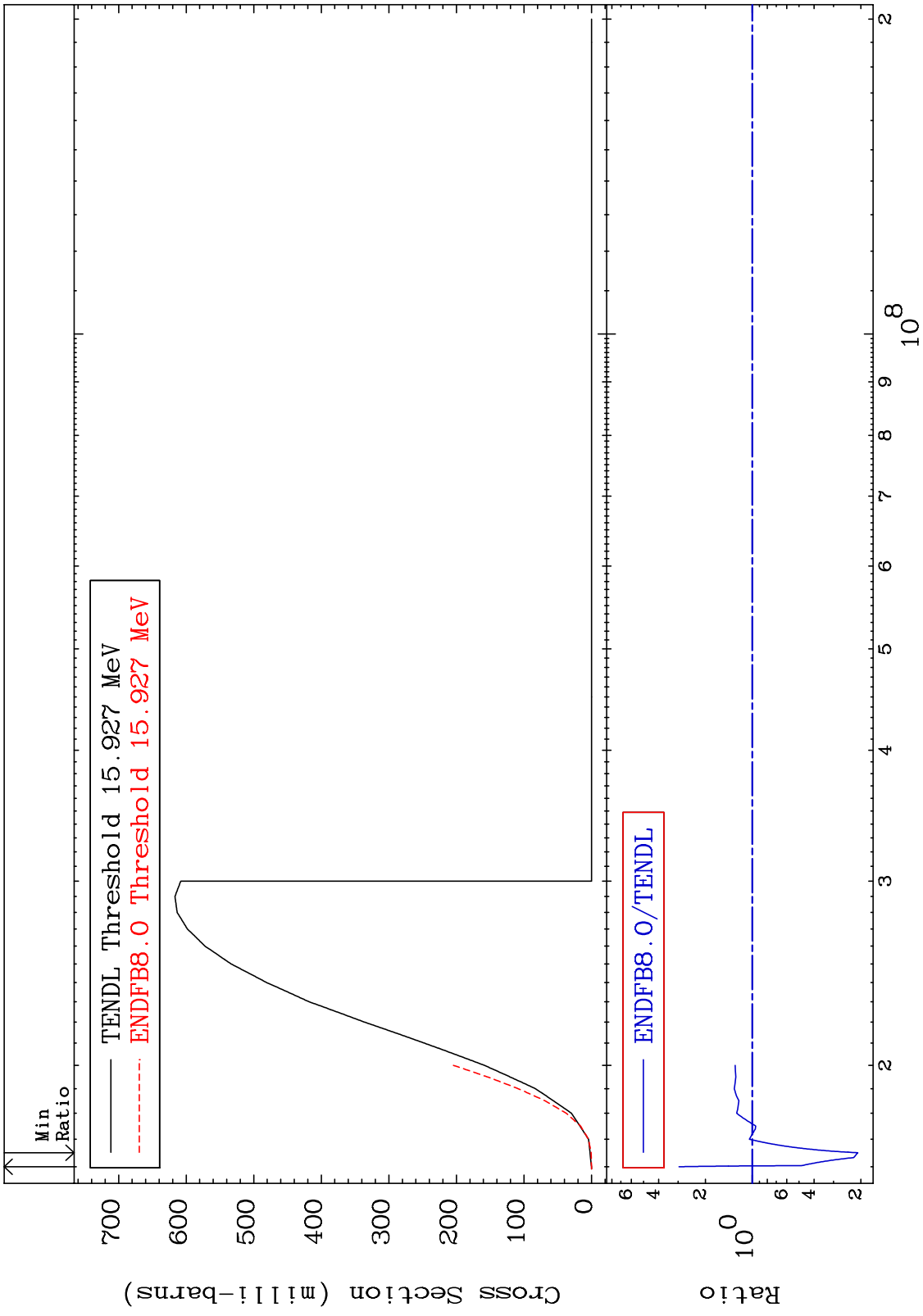
30-Zn-70

MAT 3043 (n,2n) Cross Section 30-Zn-70 -14.42 To 14.10 %



4 Incident Energy (eV) 30-Zn-70

MAT 3043 (n,3n) Cross Section 30-Zn-70 -79.09 To 195.7 %



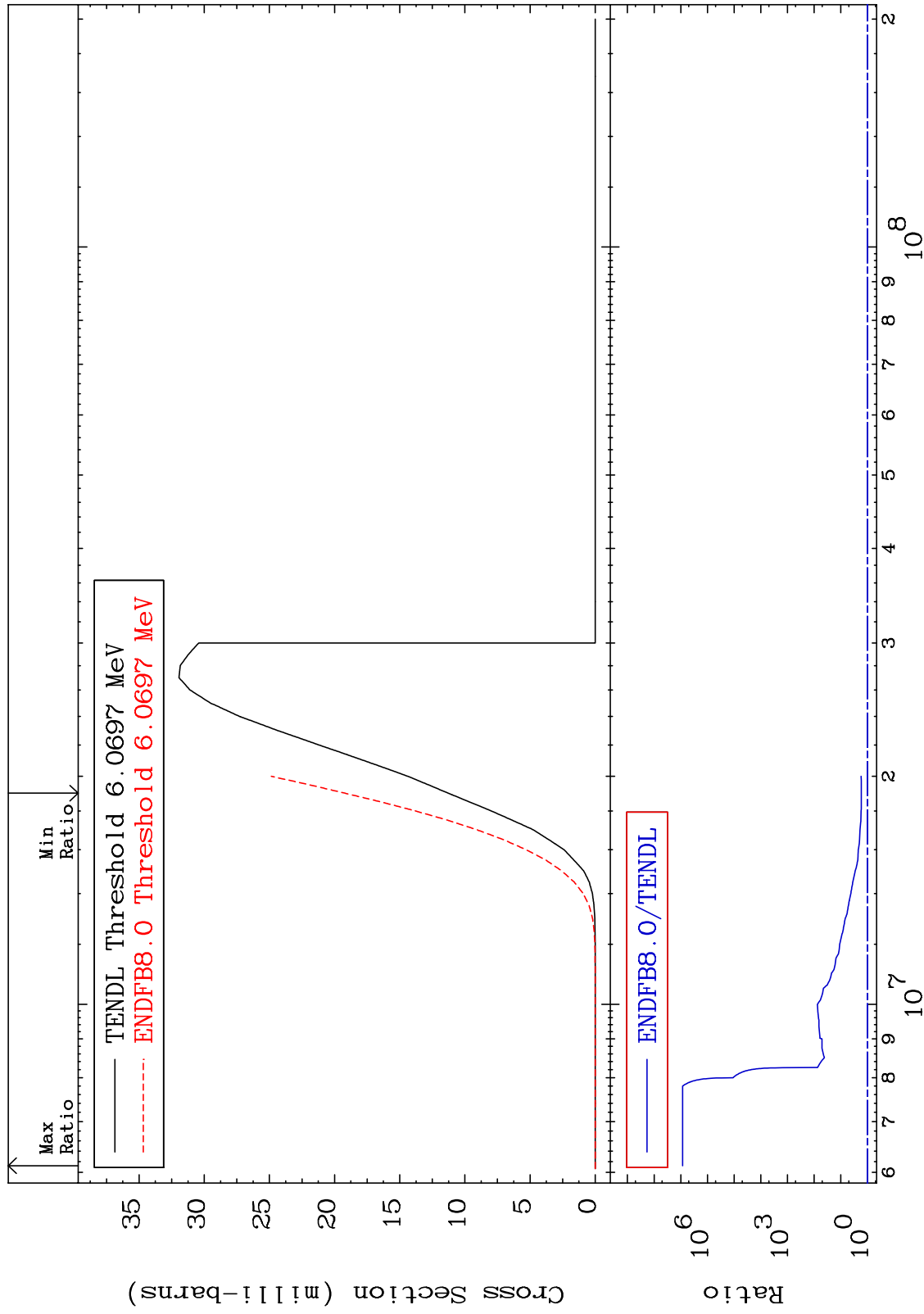
MAT 3043

(n,n') α

30-Zn-70

Cross Section

70.21 To 9999. %

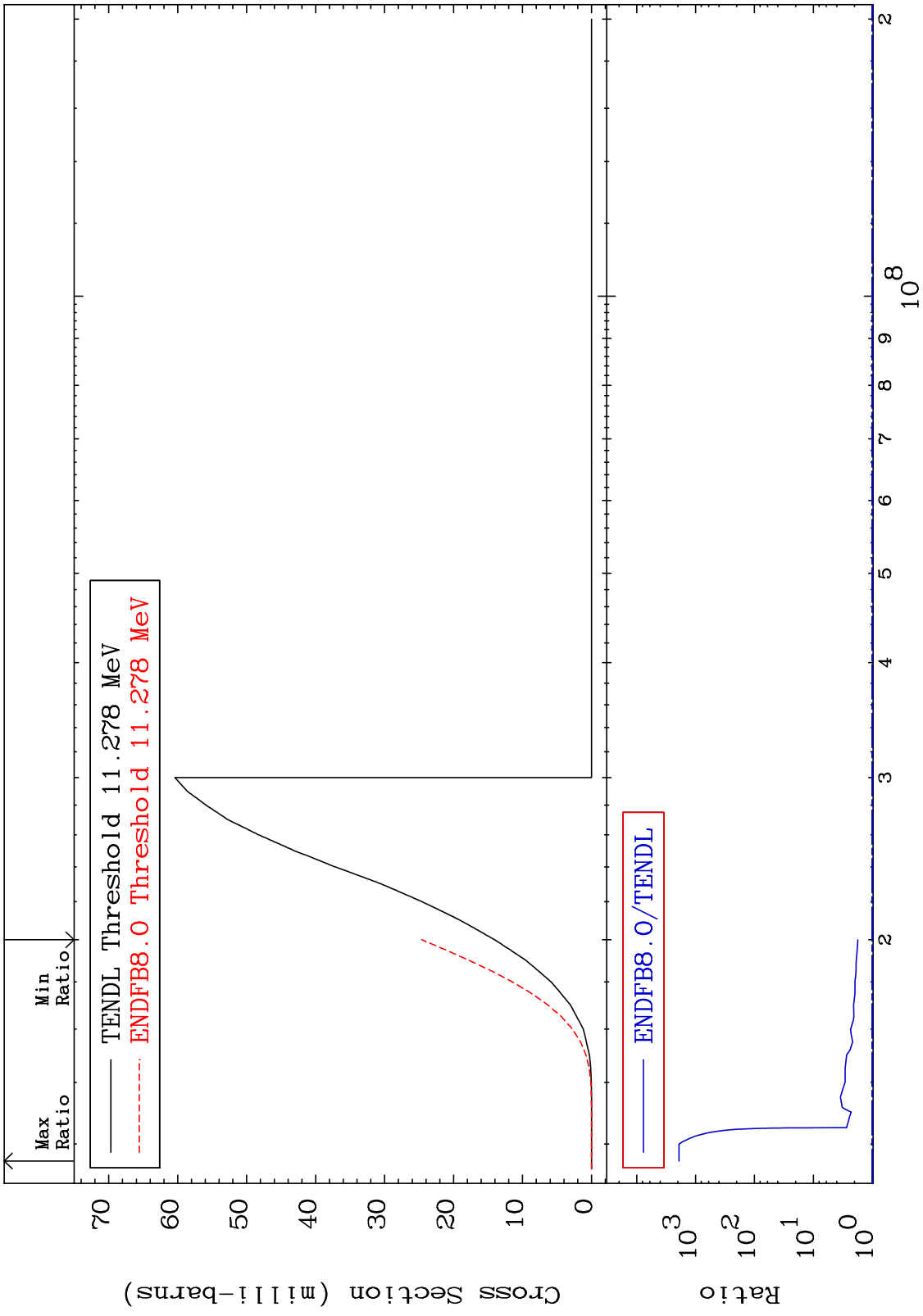


6

Incident Energy (eV)

30-Zn-70

MAT 3043 (n,n') p 30-Zn-70
 Cross Section 75.09 To 9999. %



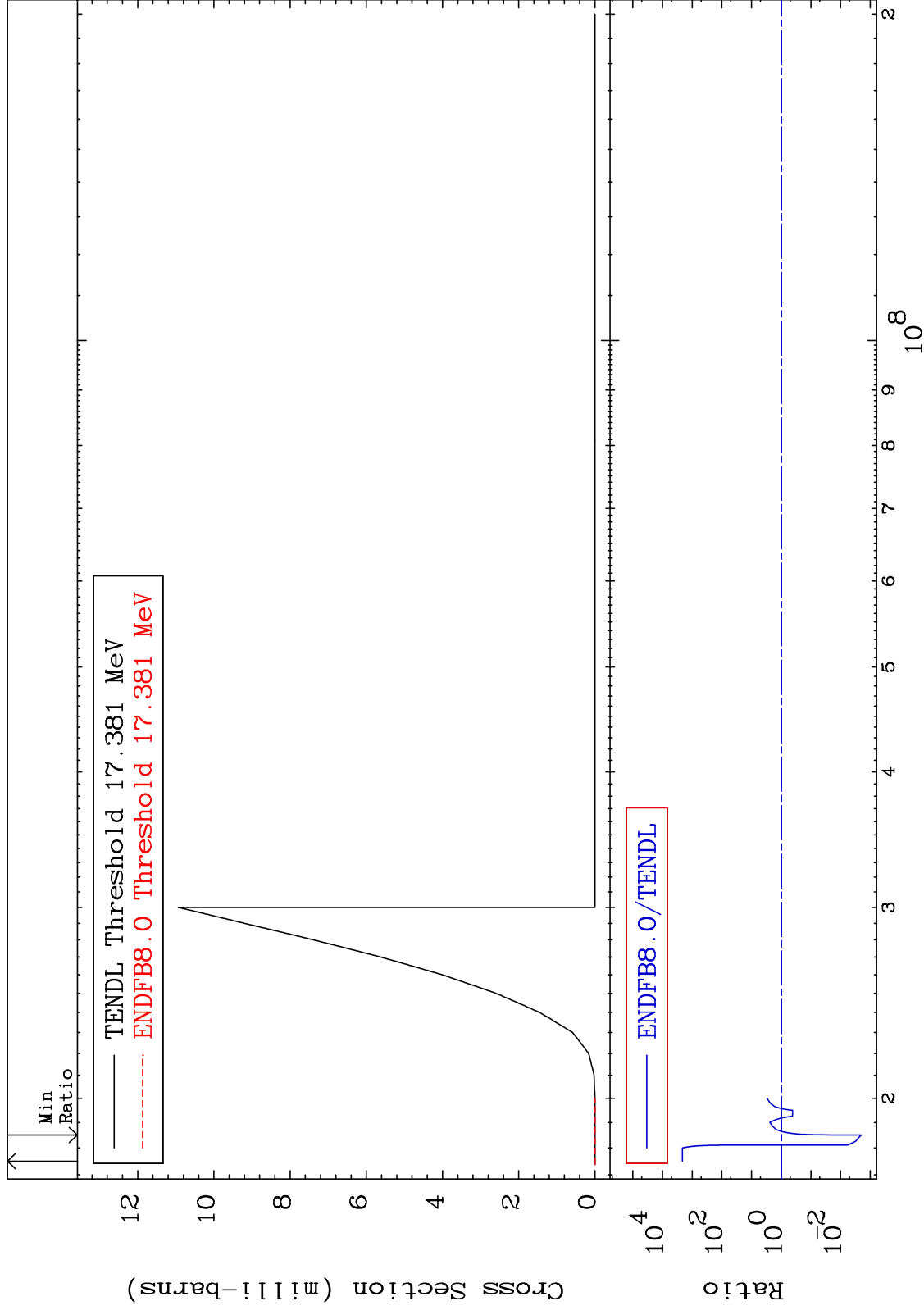
MAT 3043

(n,n') d

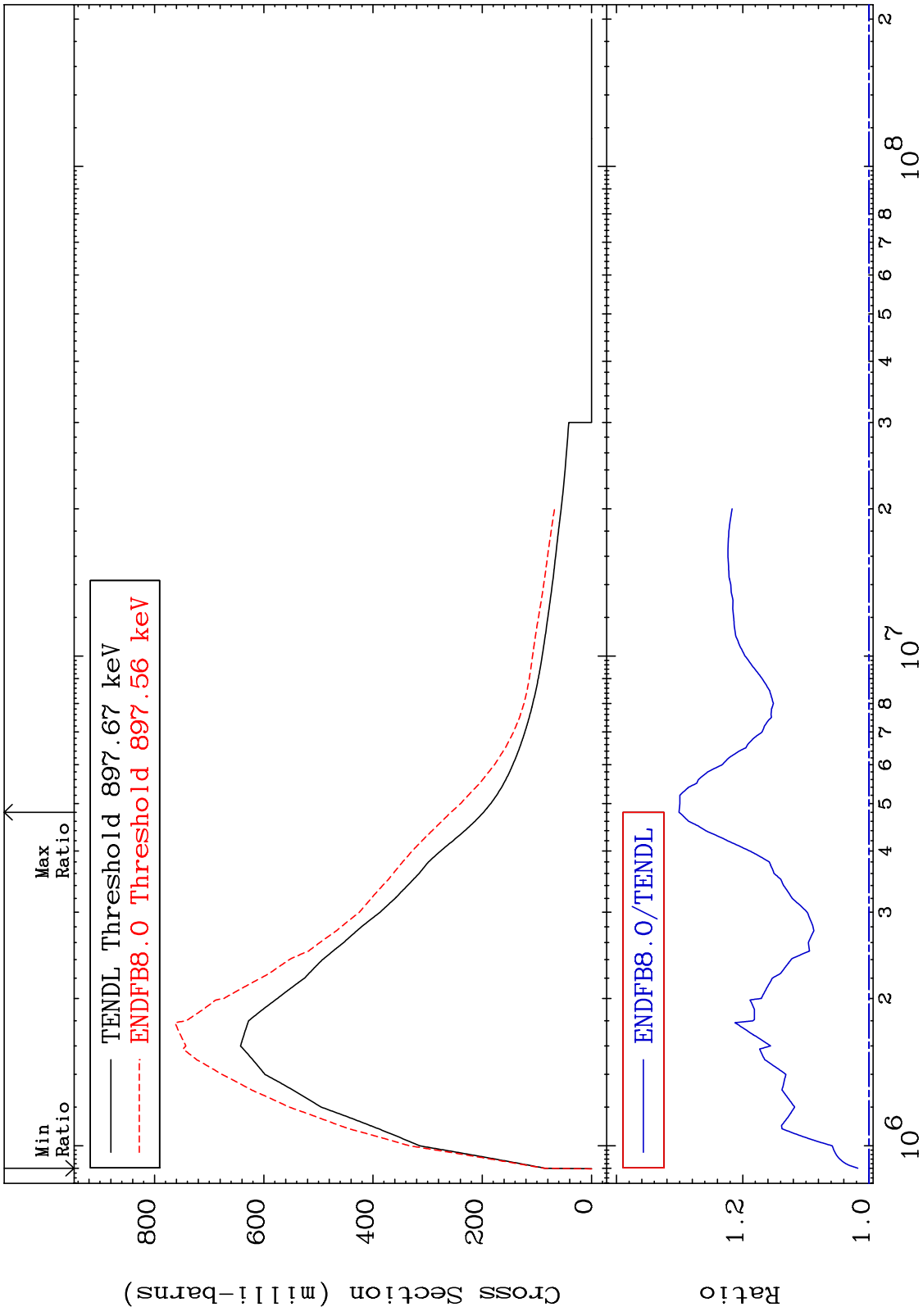
30-Zn-70

Cross Section

-99.80 To 9999. %

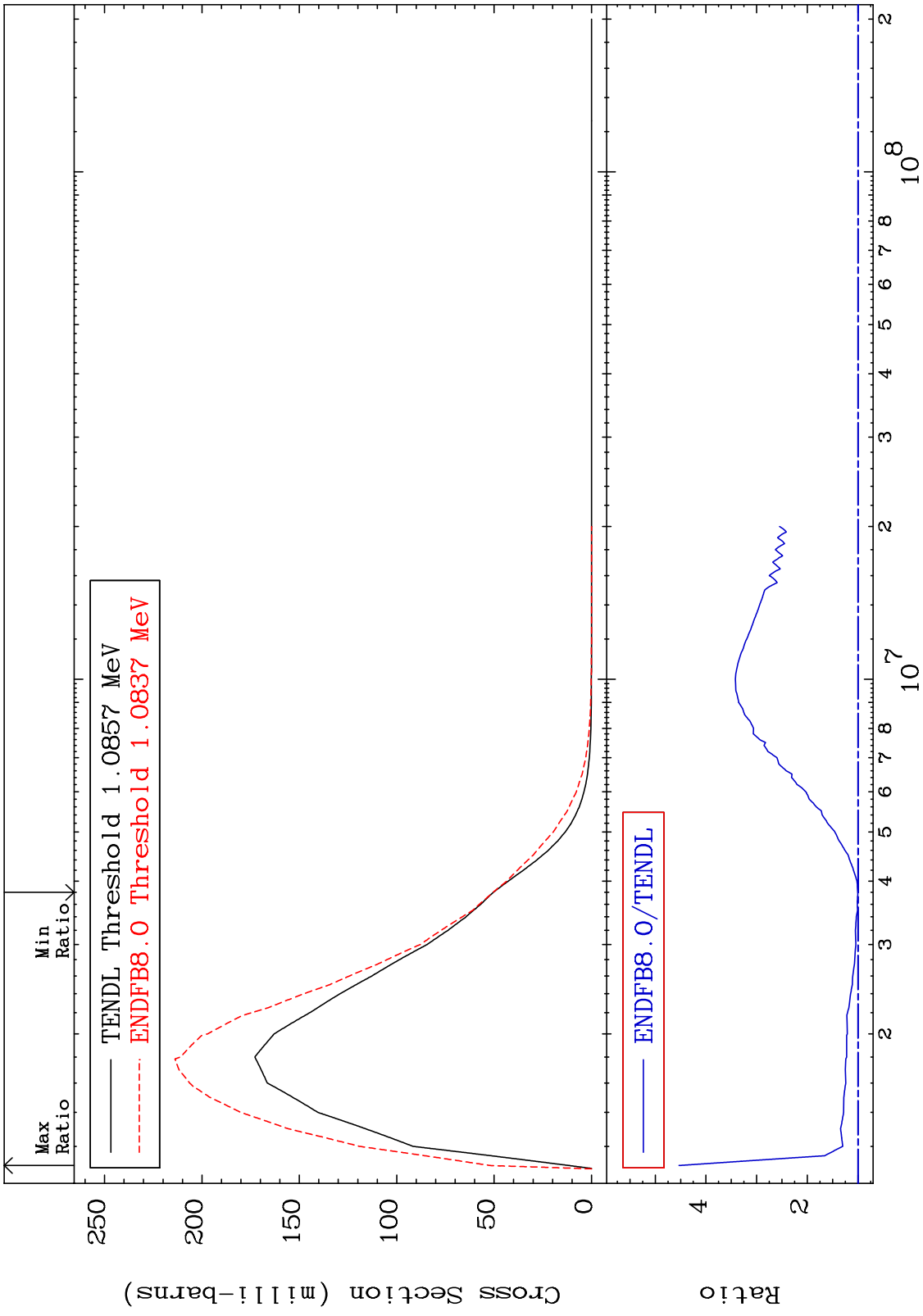


MAT 3043 MT= 51 (n,n') Level Cross Section 30-Zn-70 1.768 To 30.09 %



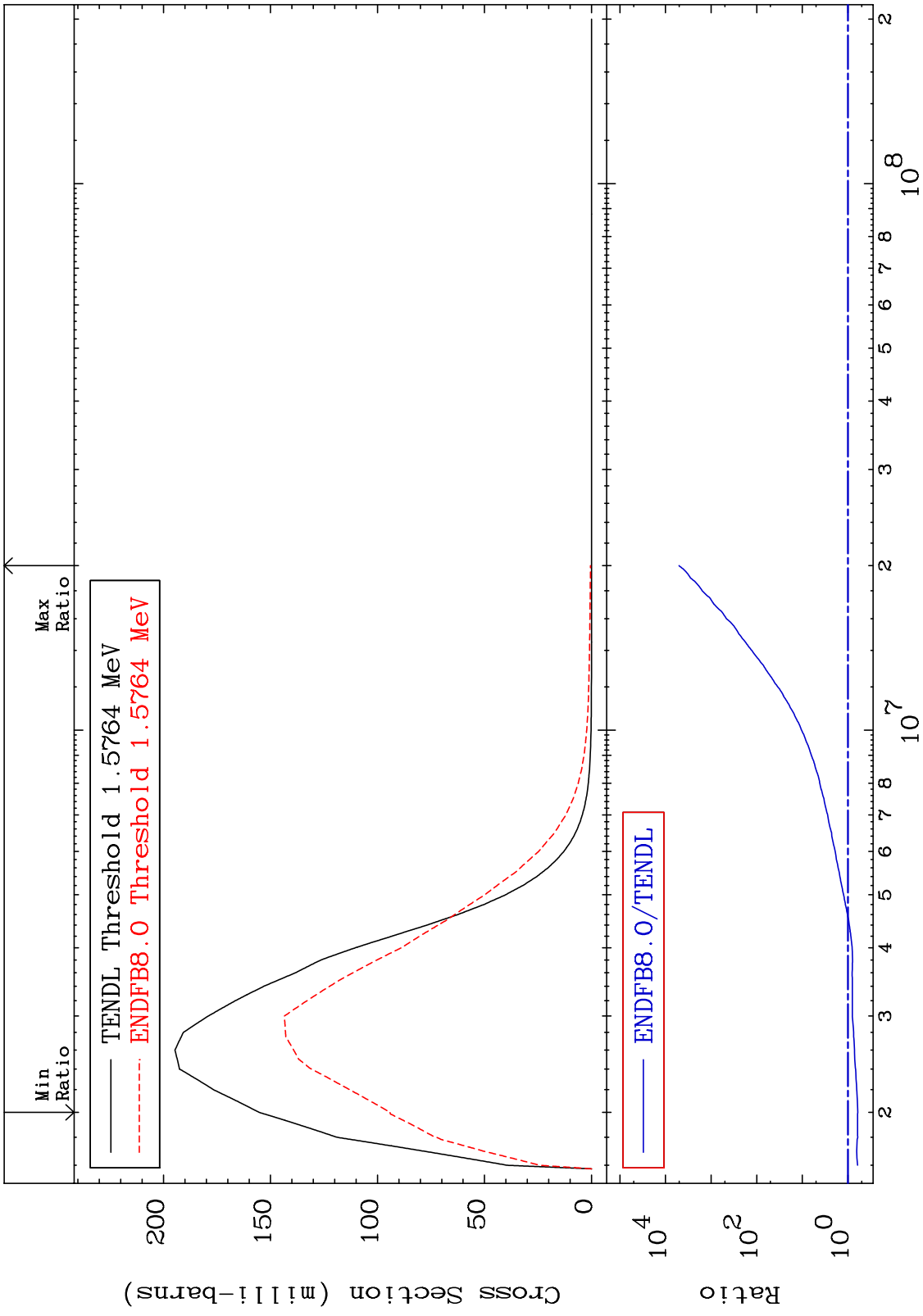
30-Zn-70 Incident Energy (eV)

MAT 3043 MT= 52 (n,n') Level Cross Section 0.164 To 353.1 % 30-Zn-70



10 Incident Energy (eV) 30-Zn-70

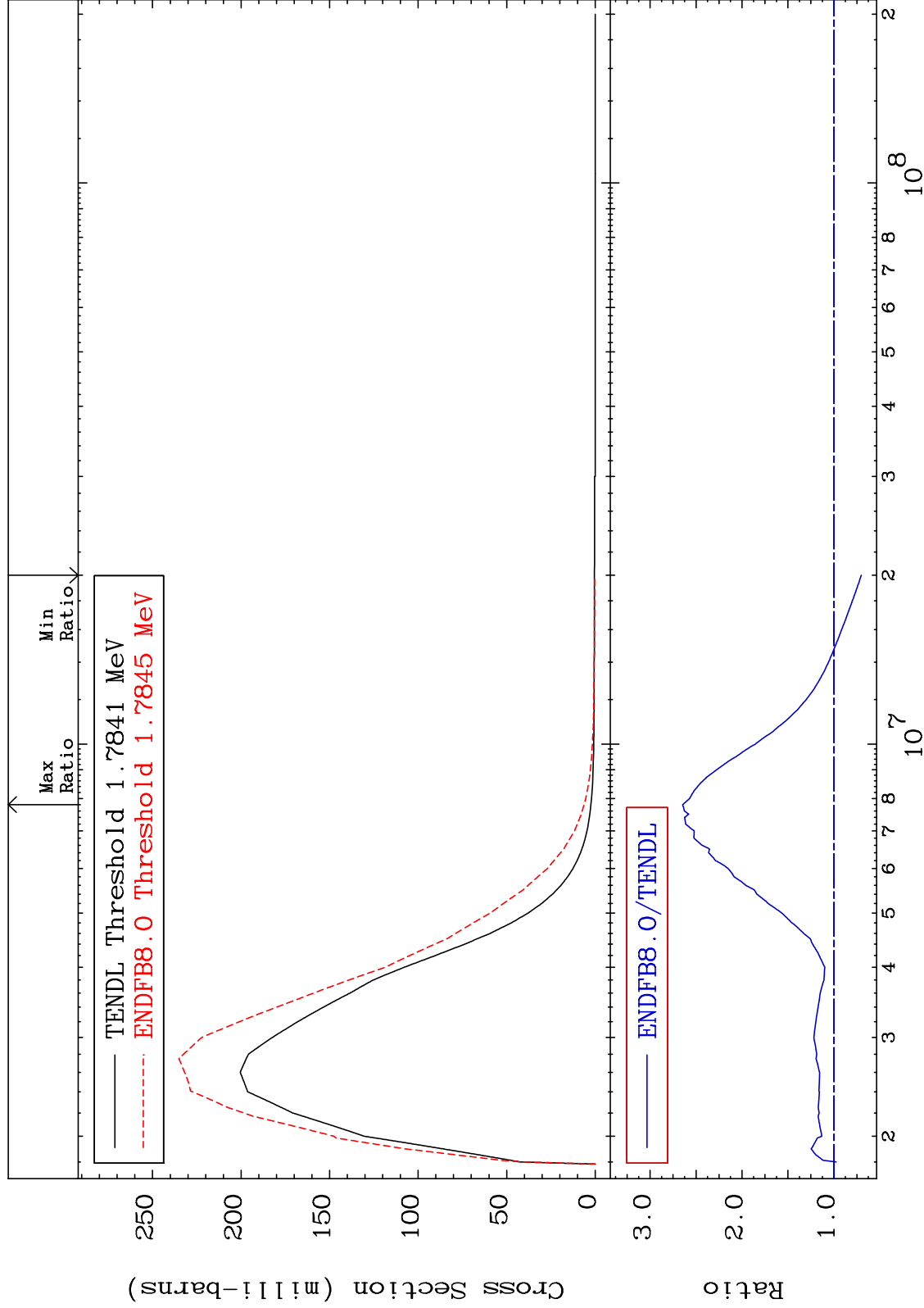
MAT 3043 MT= 53 (n,n') Level Cross Section -39.41 To 9999. % 30-Zn-70



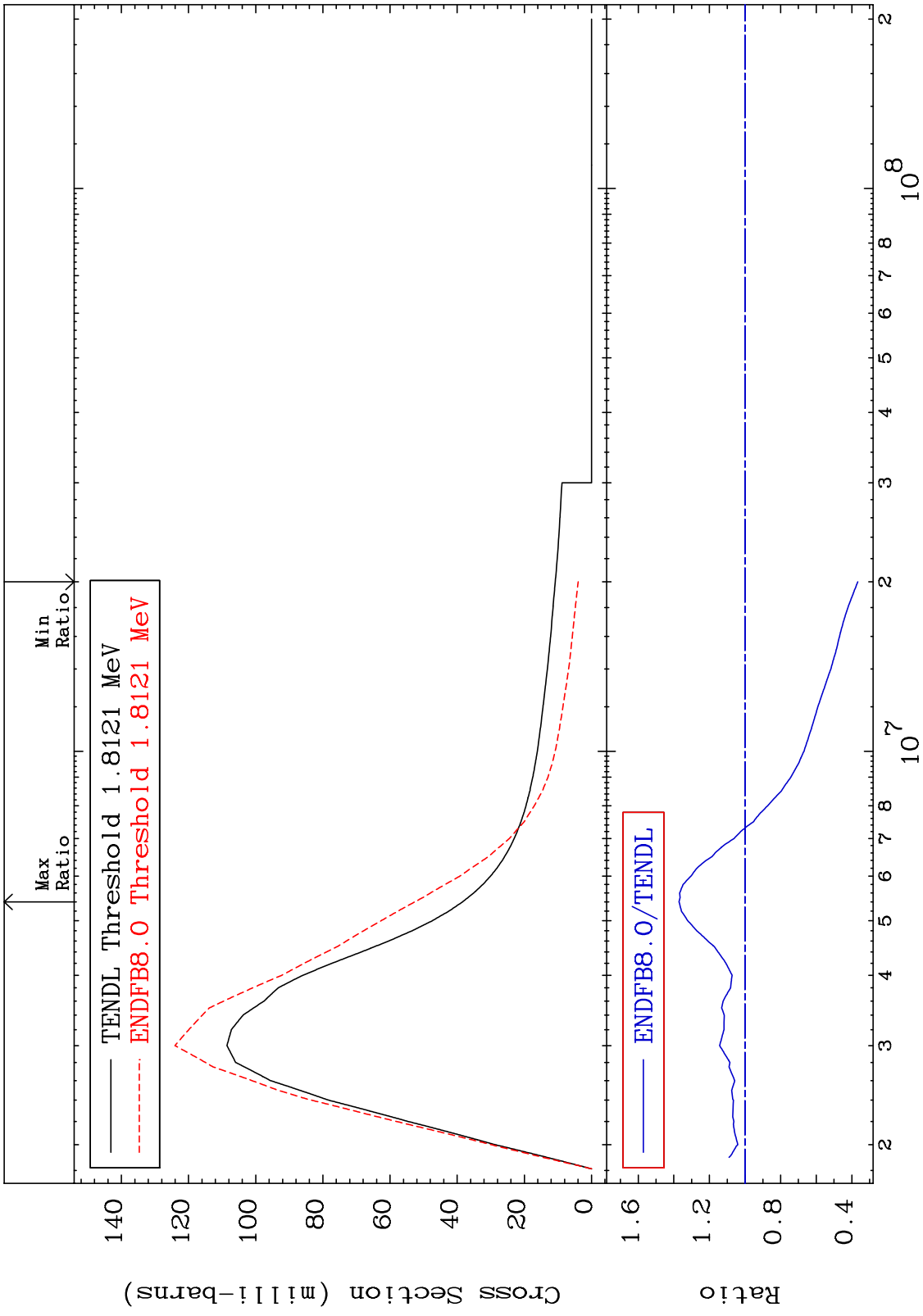
MAT 3043

MT= 54 (n,n') Level
Cross Section

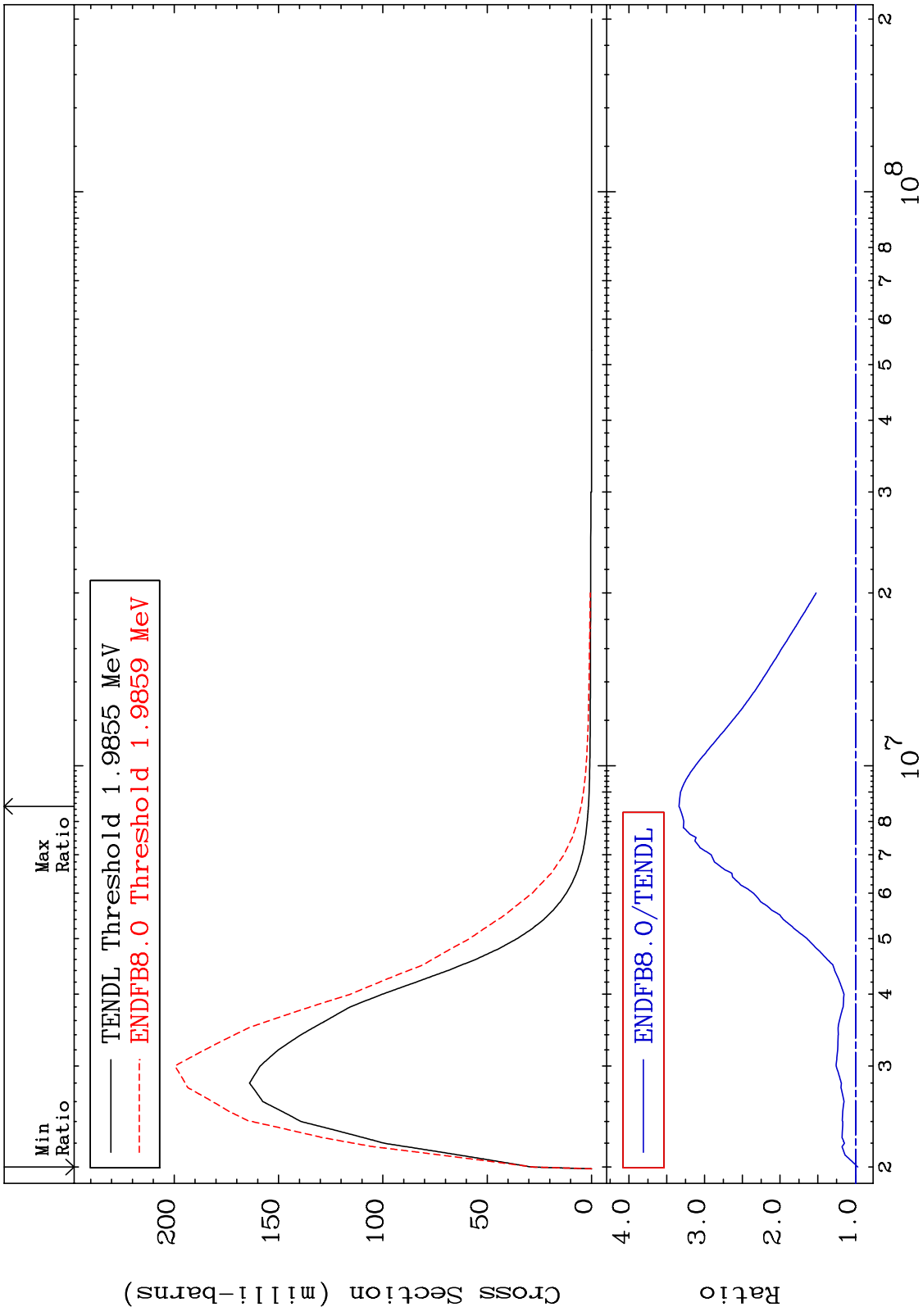
30-Zn-70
-29.85 To 164.6 %



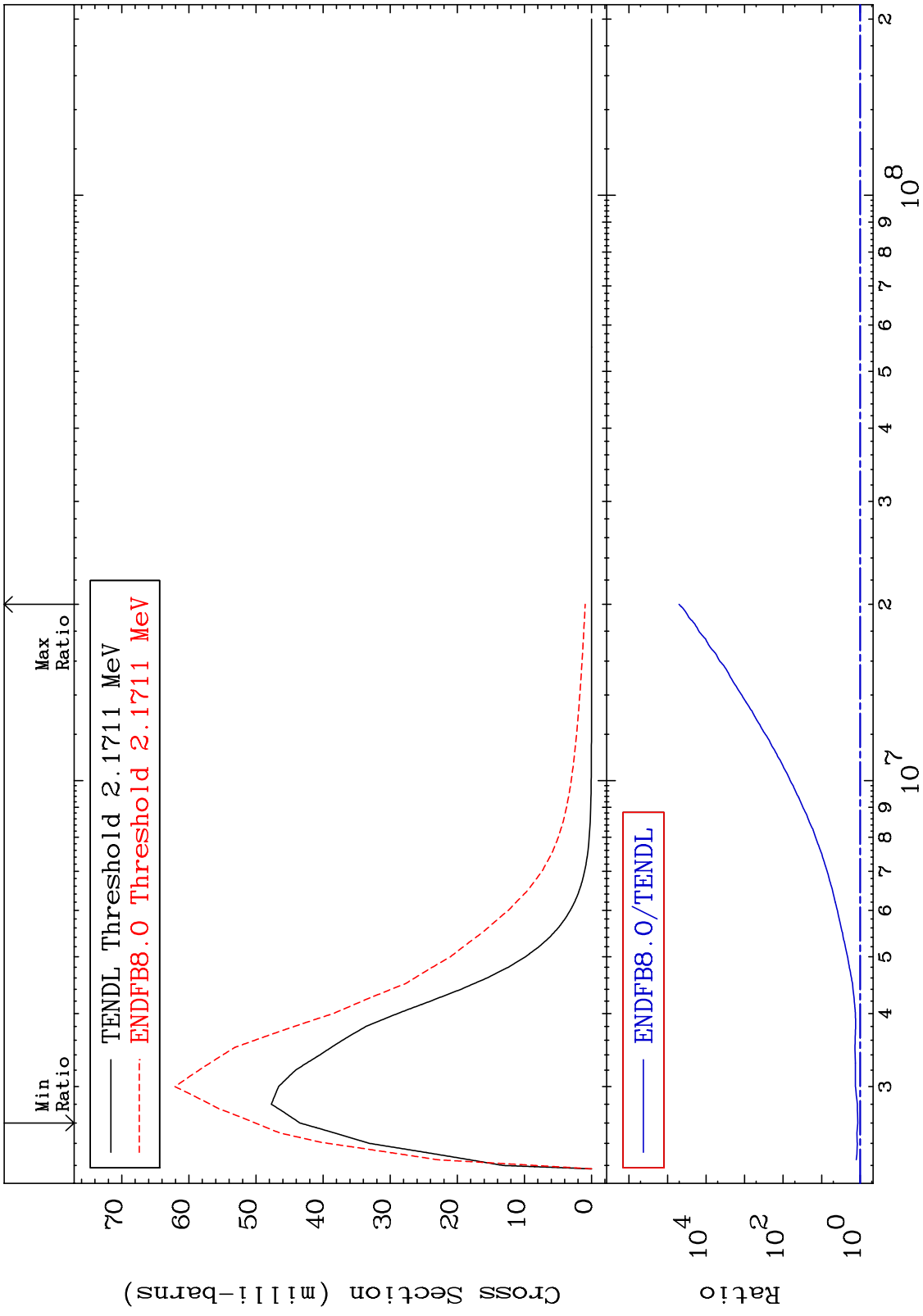
MAT 3043 MT= 55 (n,n') Level Cross Section -63.39 To 37.07 % 30-Zn-70



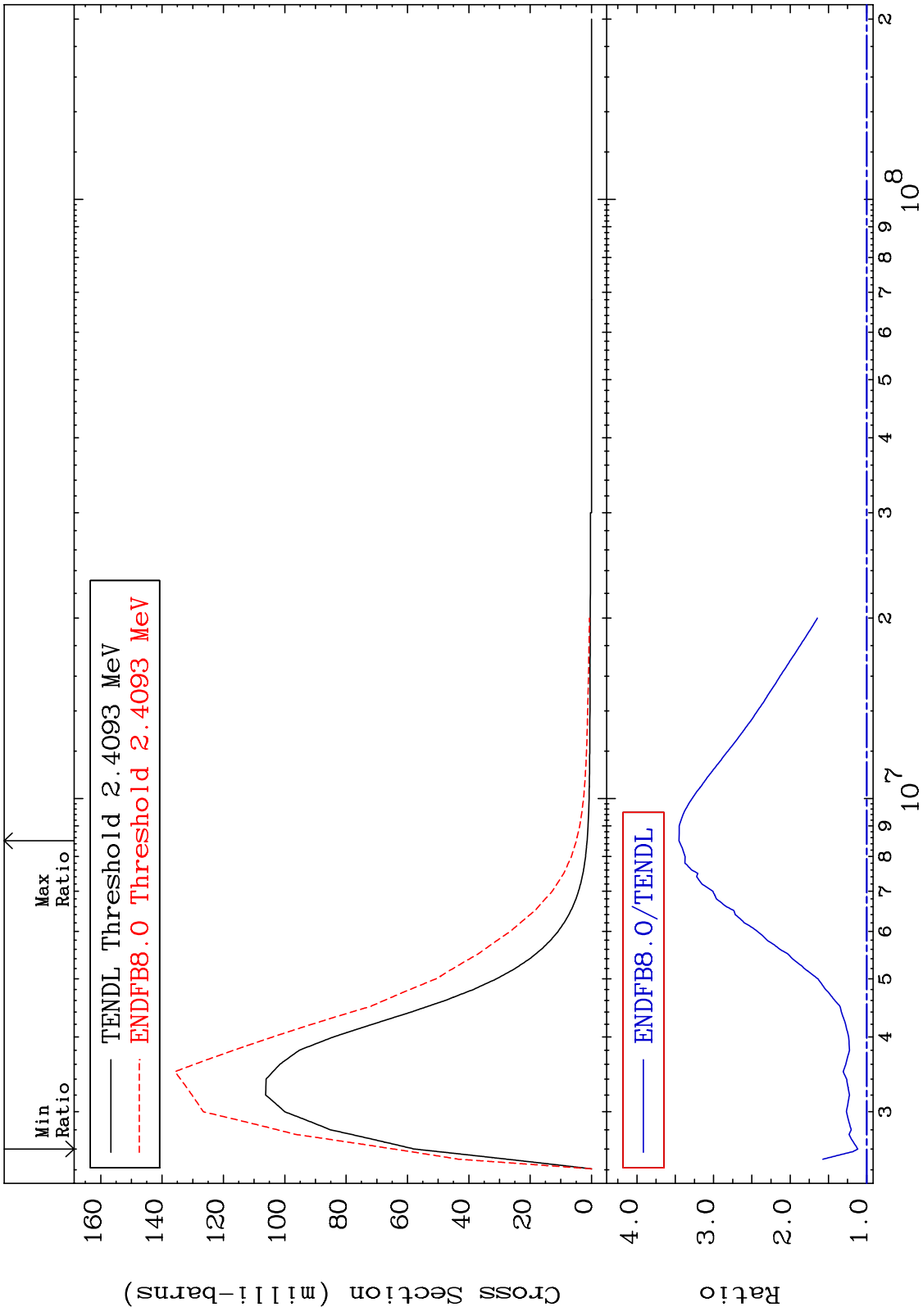
MAT 3043 MT= 56 (n,n') Level Cross Section 30-Zn-70
 -3.063 To 233.7 %



MAT 3043 MT= 57 (n,n') Level Cross Section 30-Zn-70
 15.27 To 9999. %



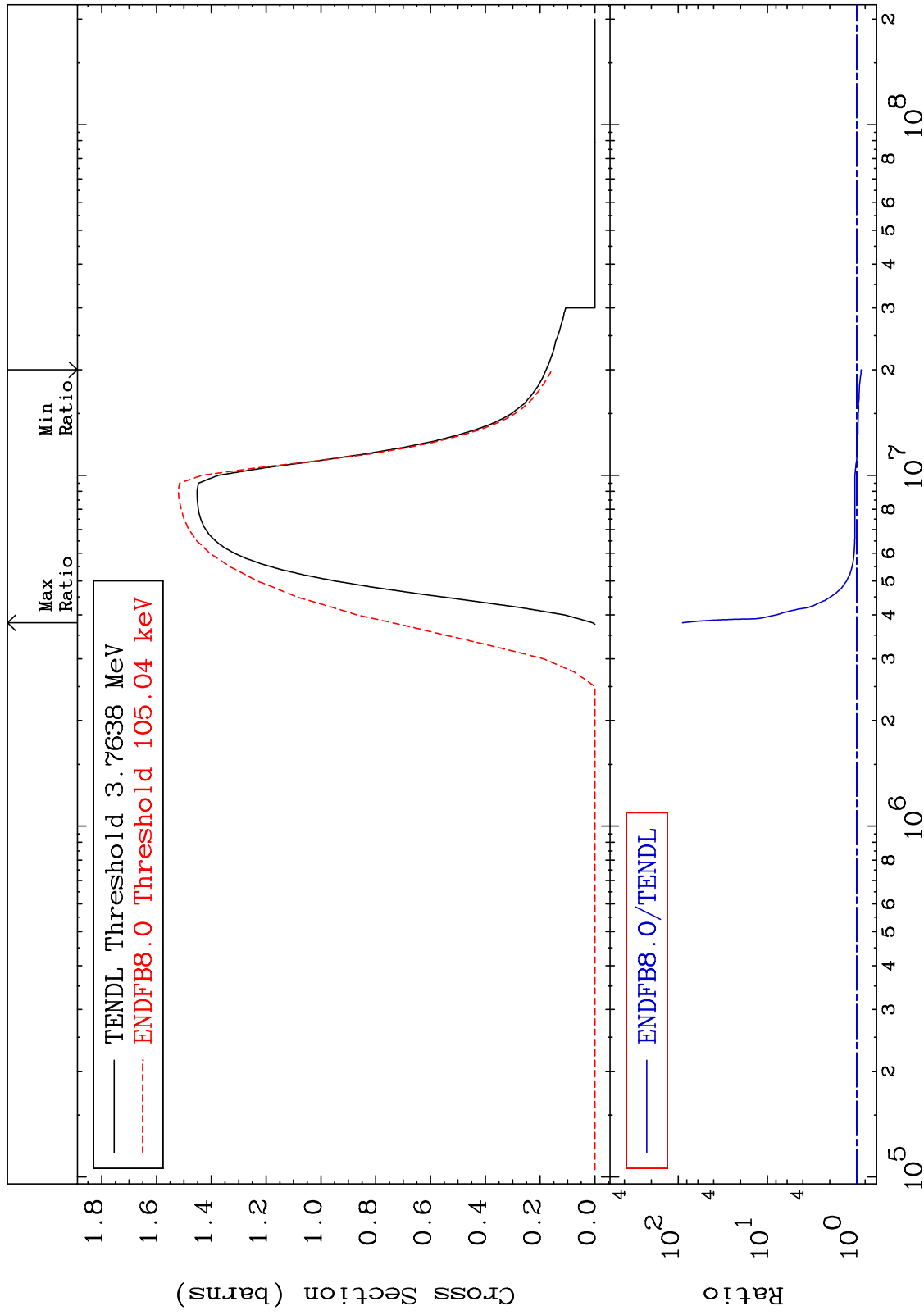
MAT 3043 MT= 58 (n,n') Level Cross Section 30-Zn-70 To 245.1 %



MAT 3043

(n, n') Continuum
Cross Section

30-Zn-70
-11.41 To 8854. %



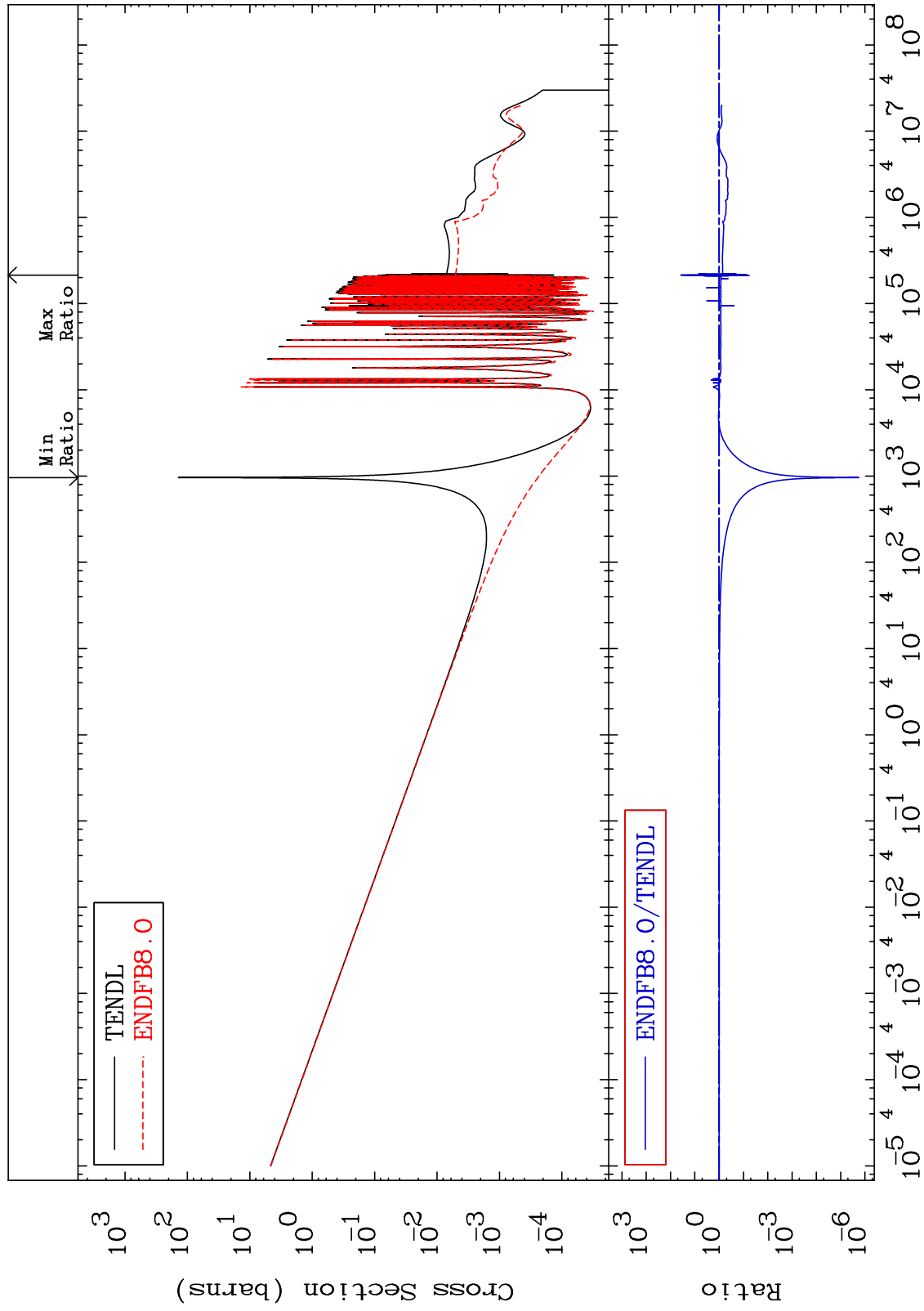
17

Incident Energy (eV)

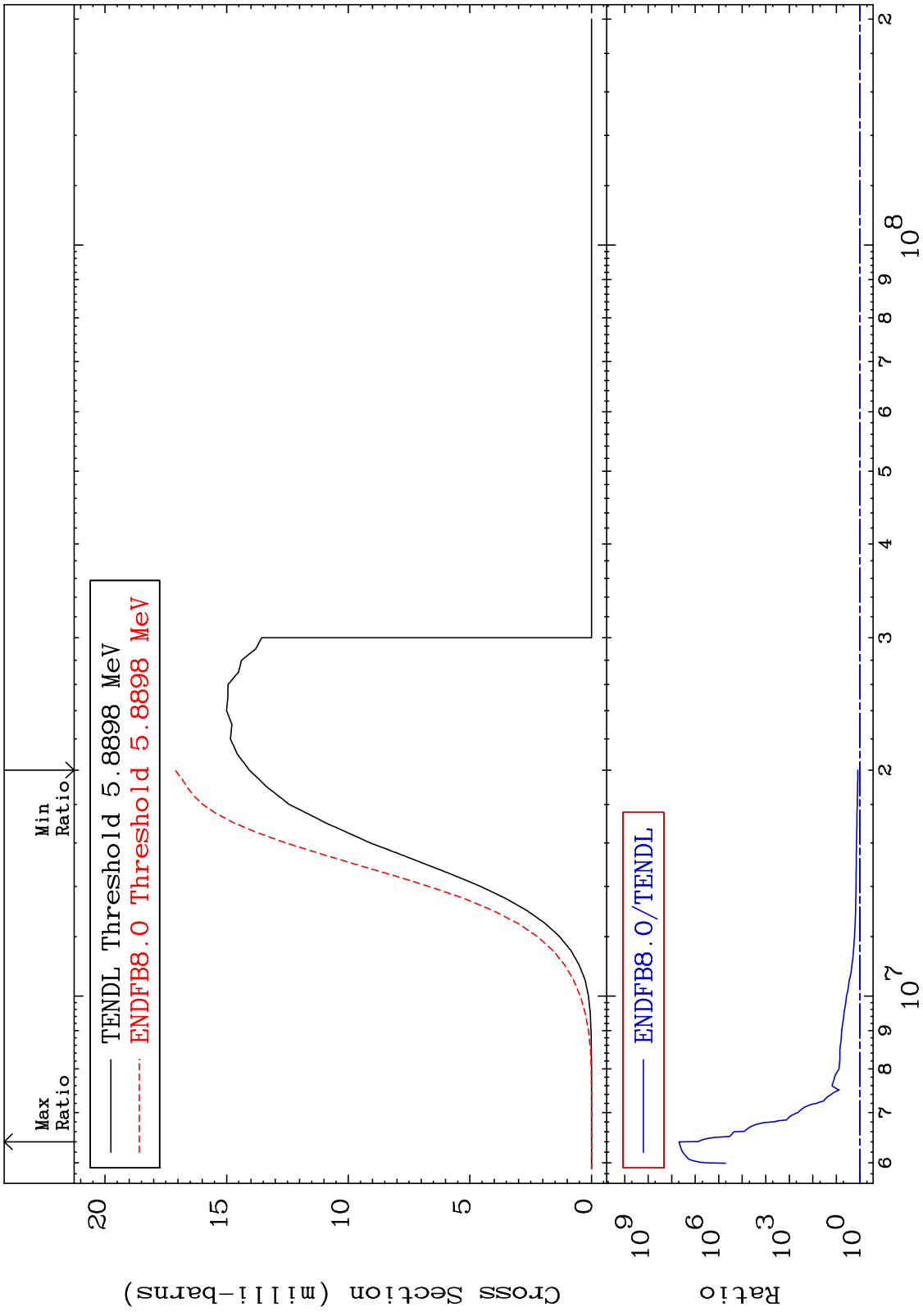
30-Zn-70

MAT 3043

(n, γ) Cross Section 30-Zn-70
-100.0 To 3658. %

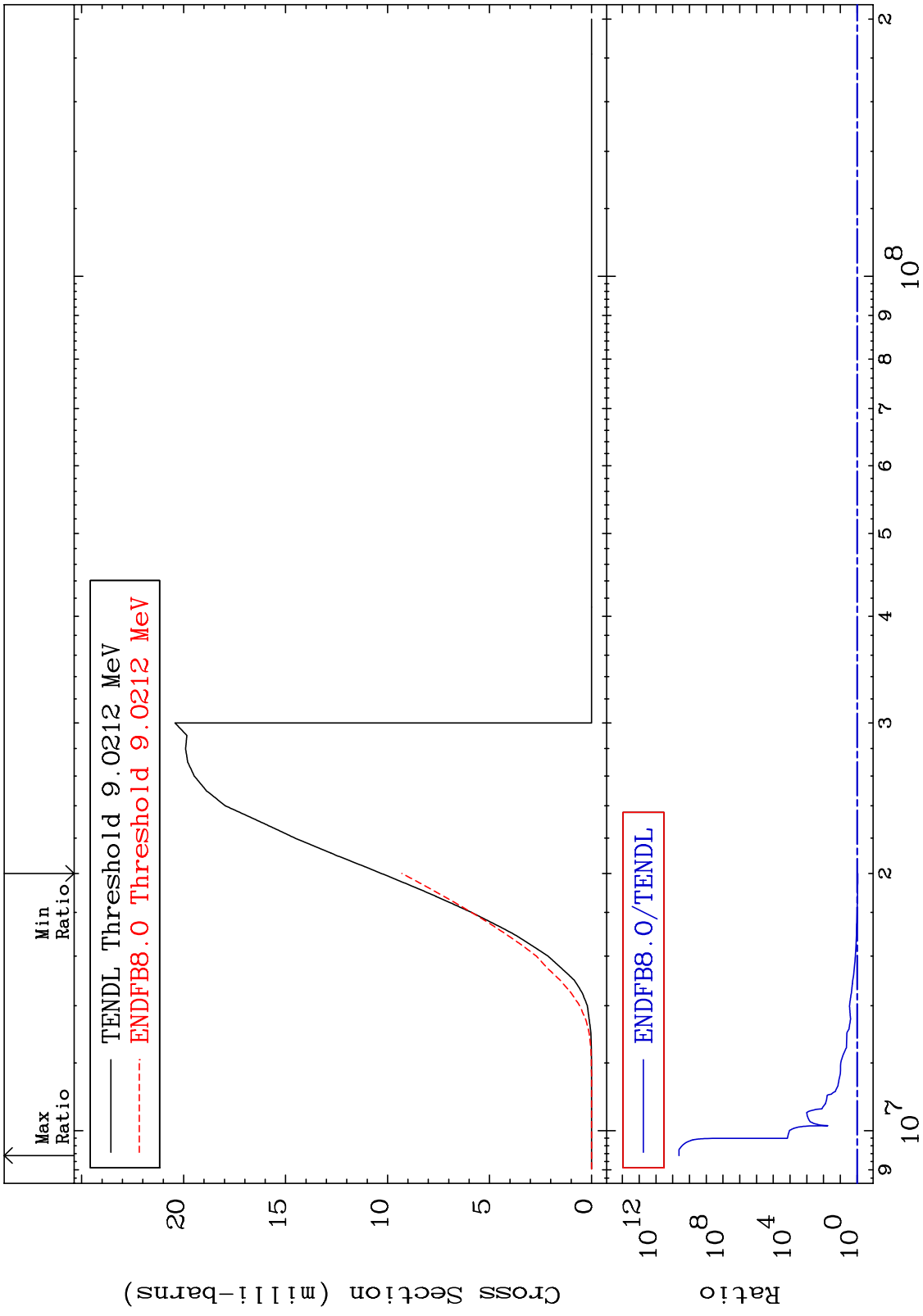


MAT 3043 (n,p) Cross Section 30-Zn-70 To 9999. %



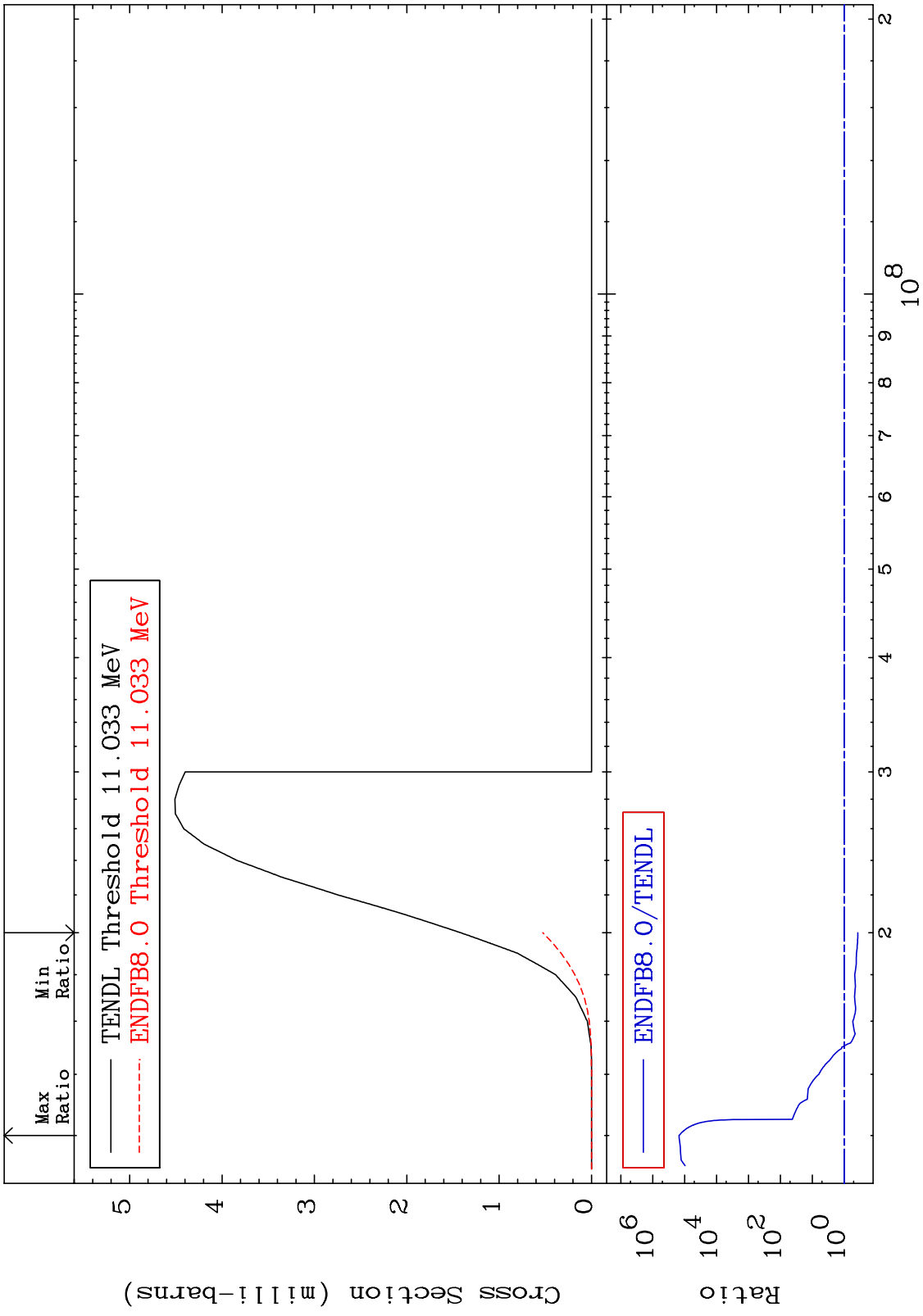
19 Incident Energy (eV) 30-Zn-70

MAT 3043 (n,d) 30-Zn-70
Cross Section -9.730 To 9999. %

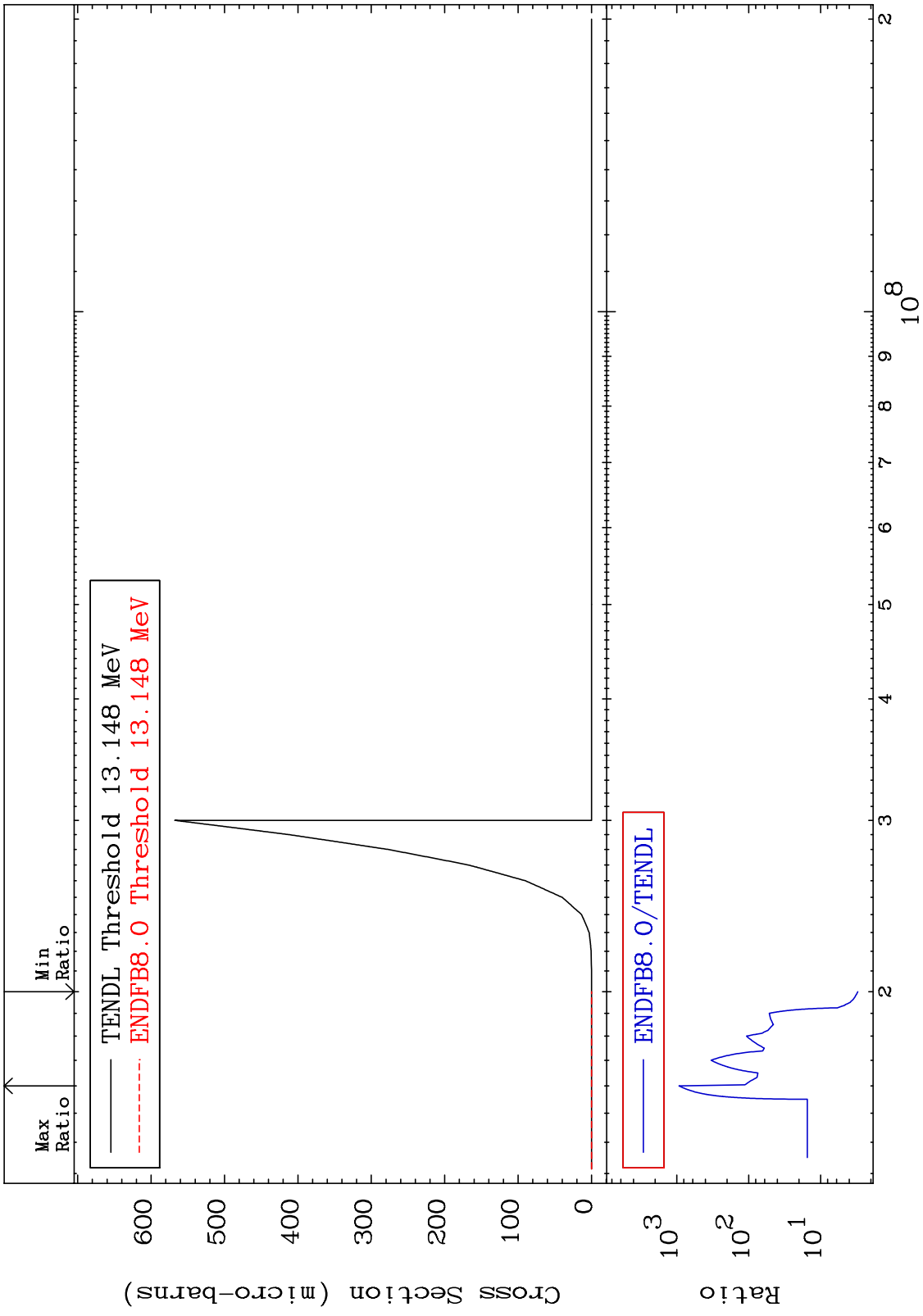


30-Zn-70 Incident Energy (eV)

MAT 3043 (n,t) 30-Zn-70
 Cross Section -62.80 To 9999. %



MAT 3043 (n, He-3) 30-Zn-70
 Cross Section 204.1 To 9999. %



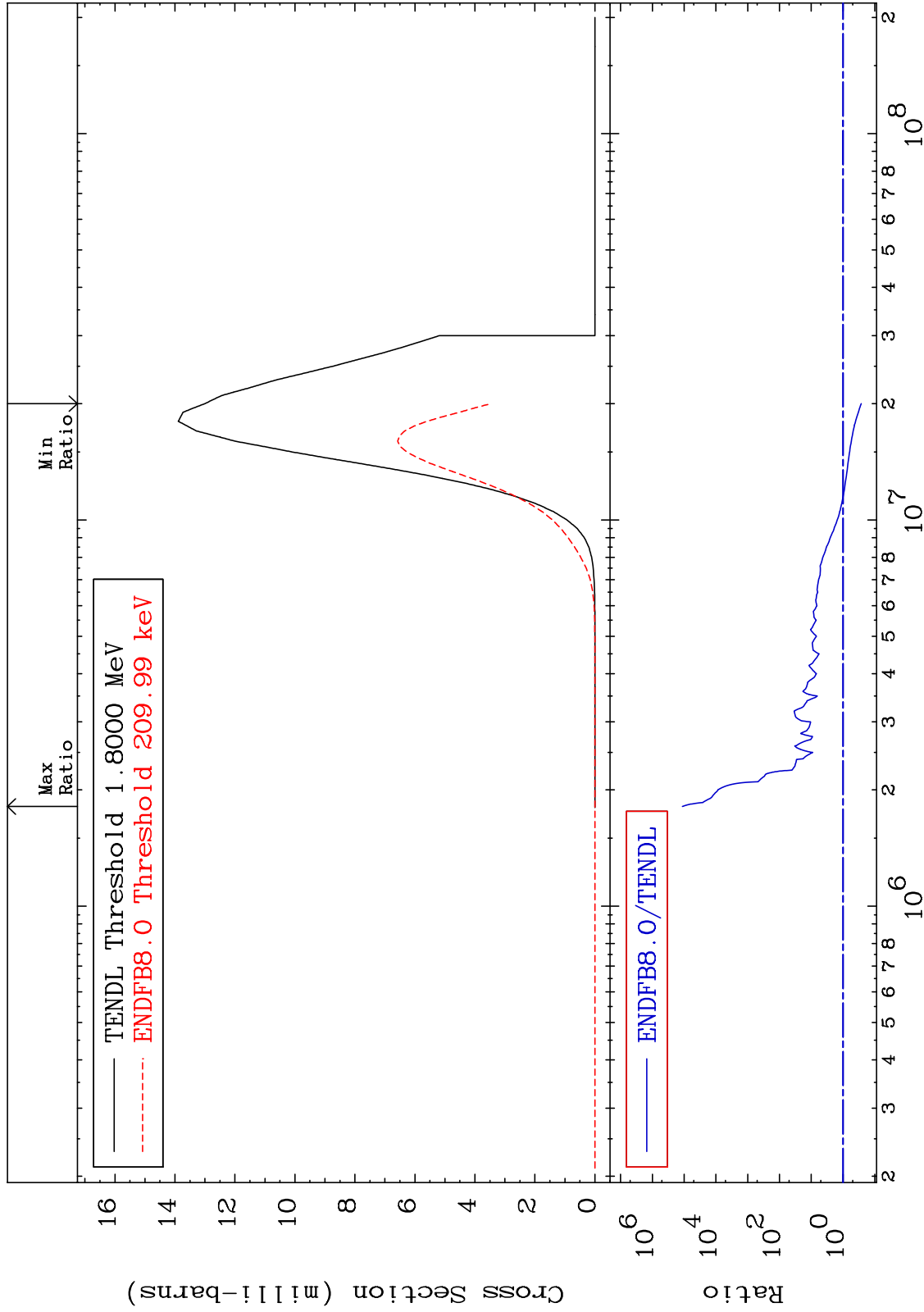
MAT 3043

(n, α)

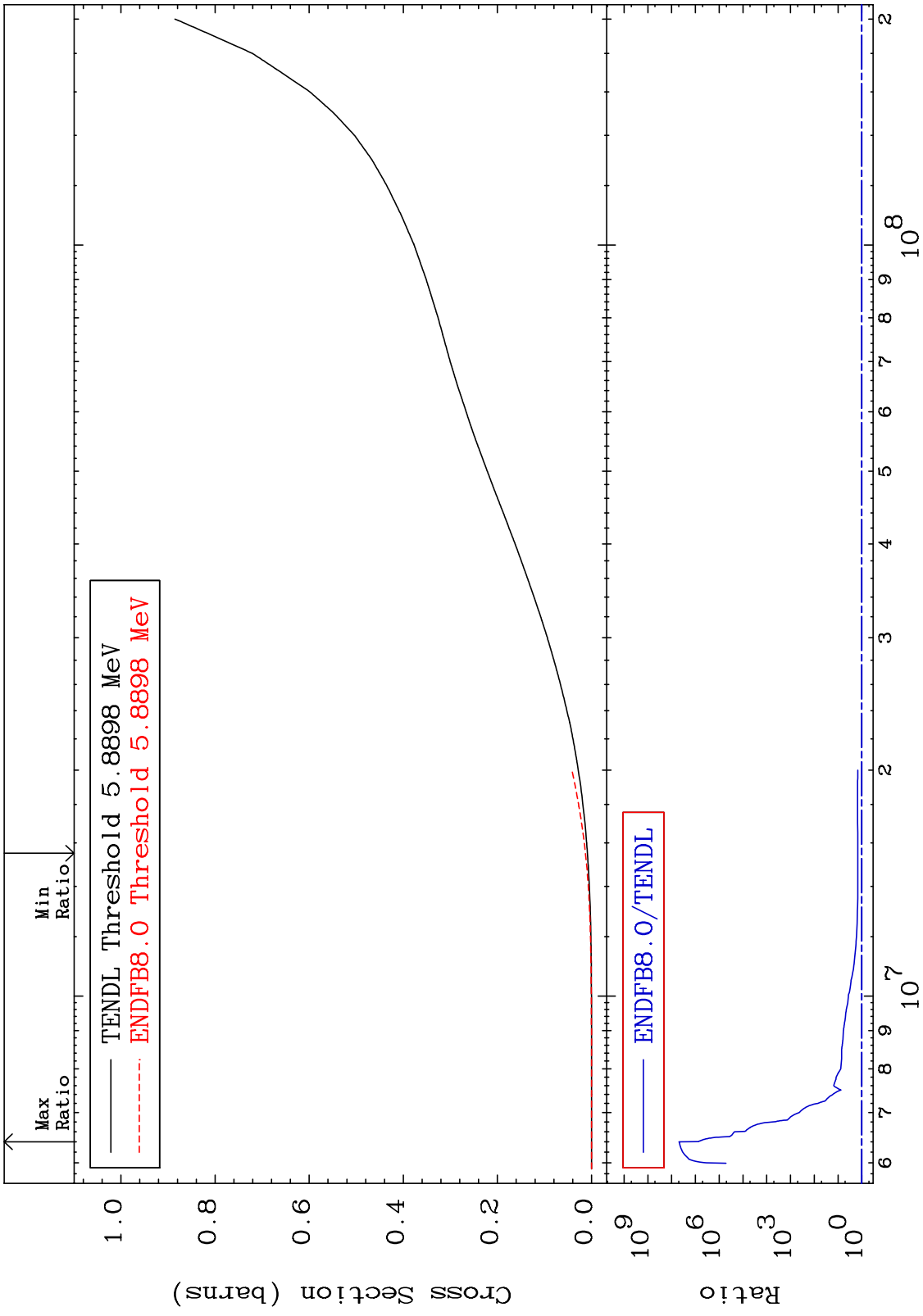
30-Zn-70

Cross Section

-73.33 To 9999. %



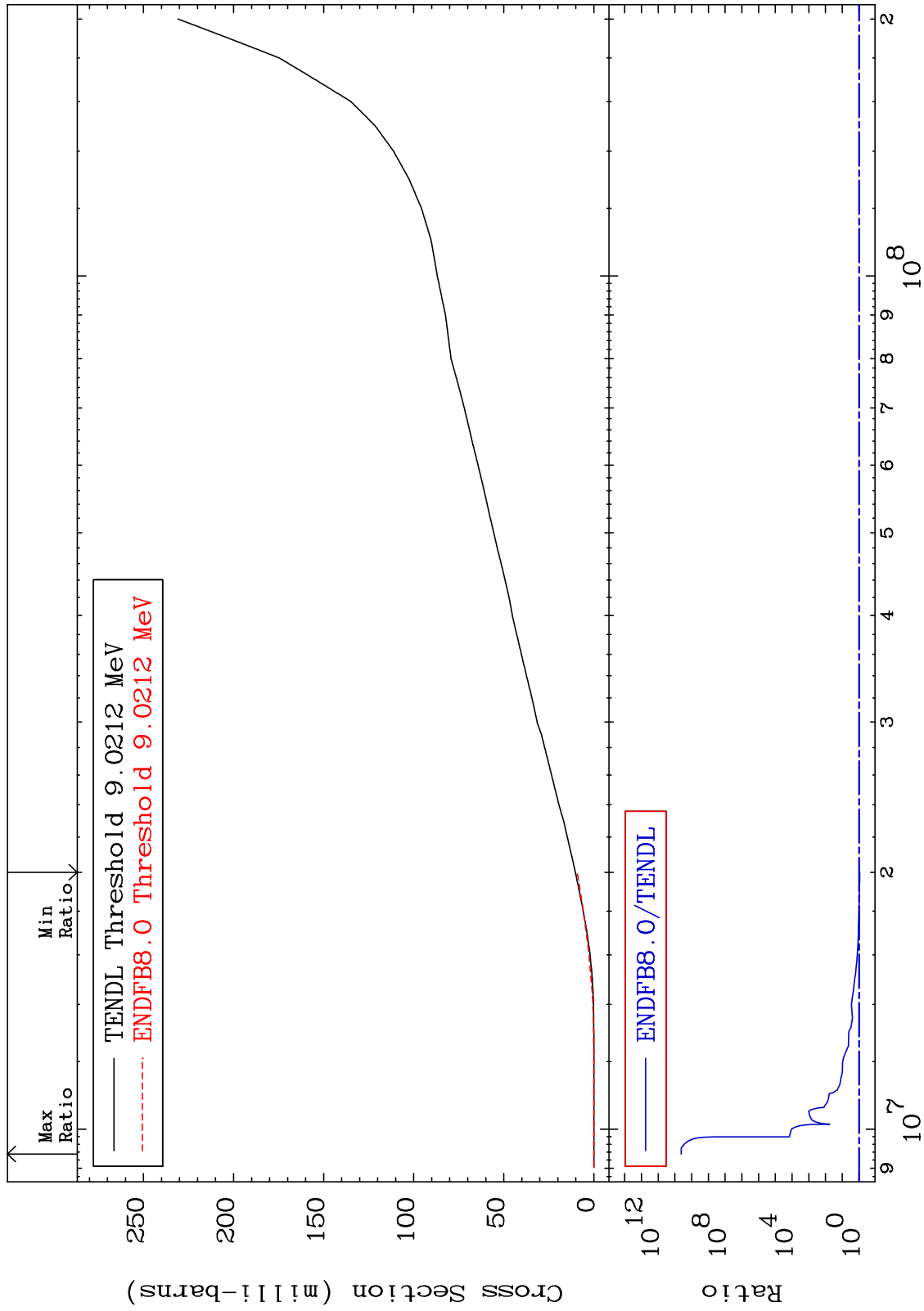
MAT 3043 Hydrogen Production Cross Section 30-Zn-70 To 9999. %



MAT 3043

Deuterium Production
Cross Section

30-Zn-70
-9.715 To 9999. %



25

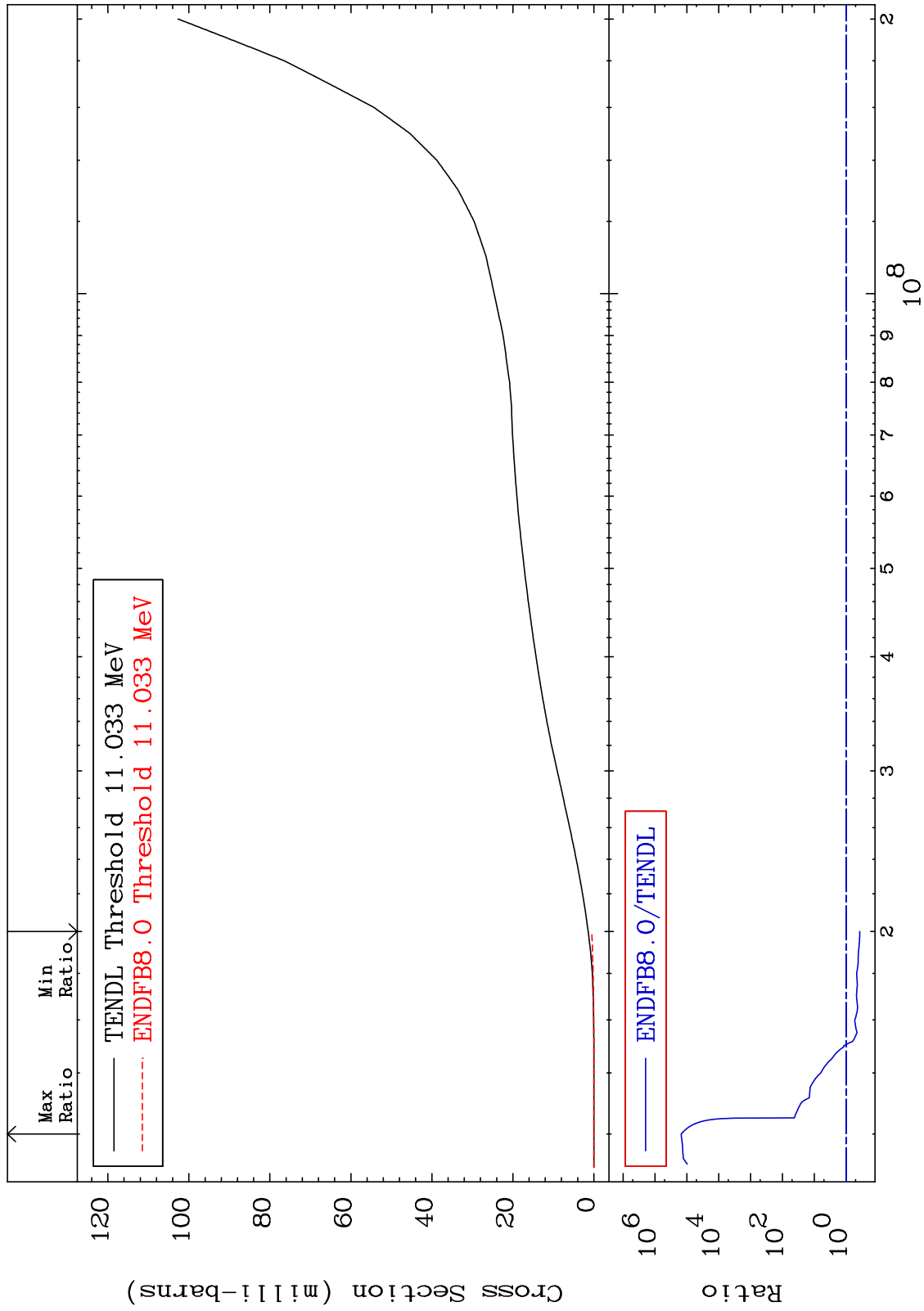
Incident Energy (eV)

30-Zn-70

MAT 3043

Tritium Production
Cross Section

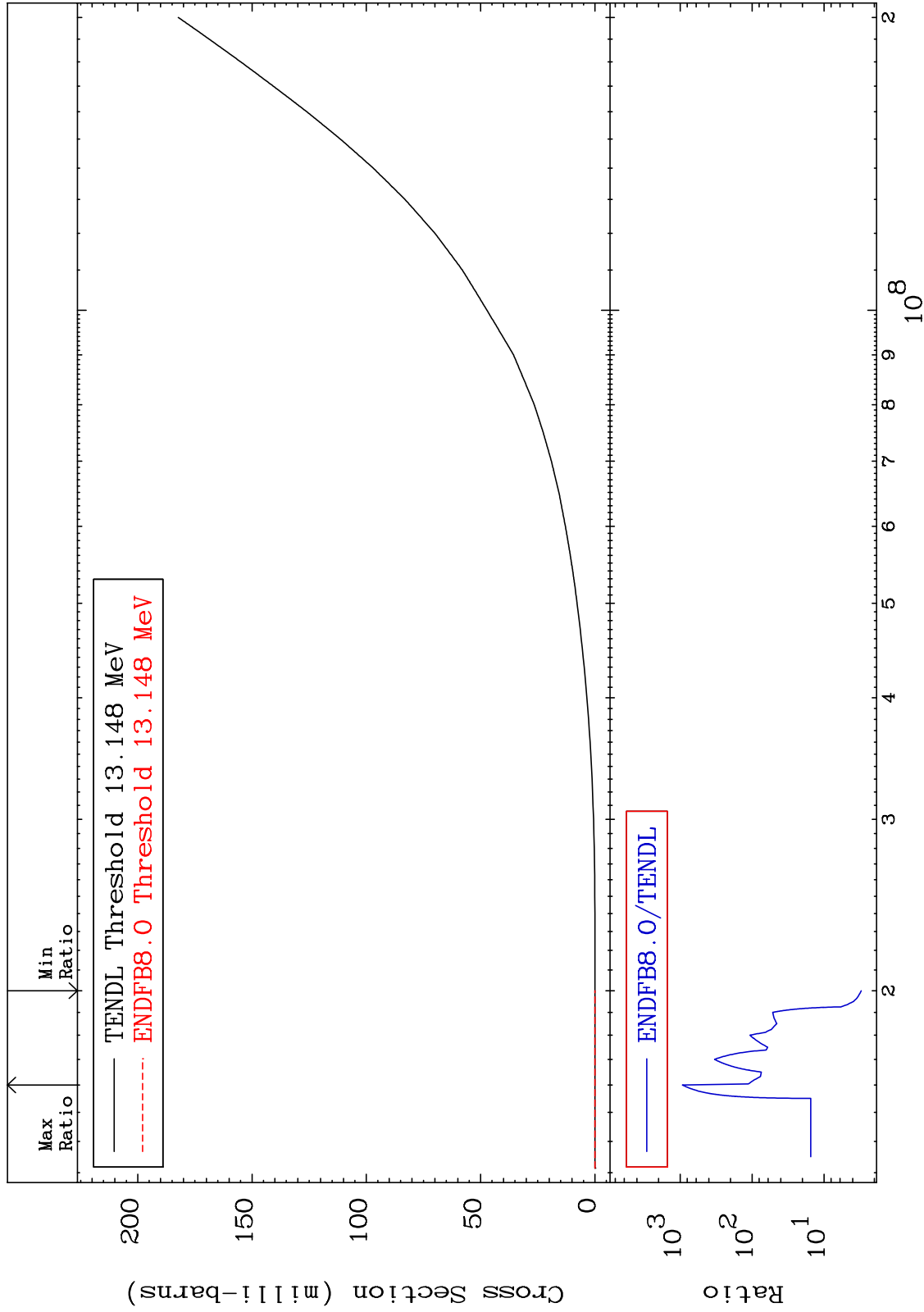
30-Zn-70
-62.80 To 9999. %



MAT 3043

He-3 Production
Cross Section

30-Zn-70
204.1 To 9999. %



27

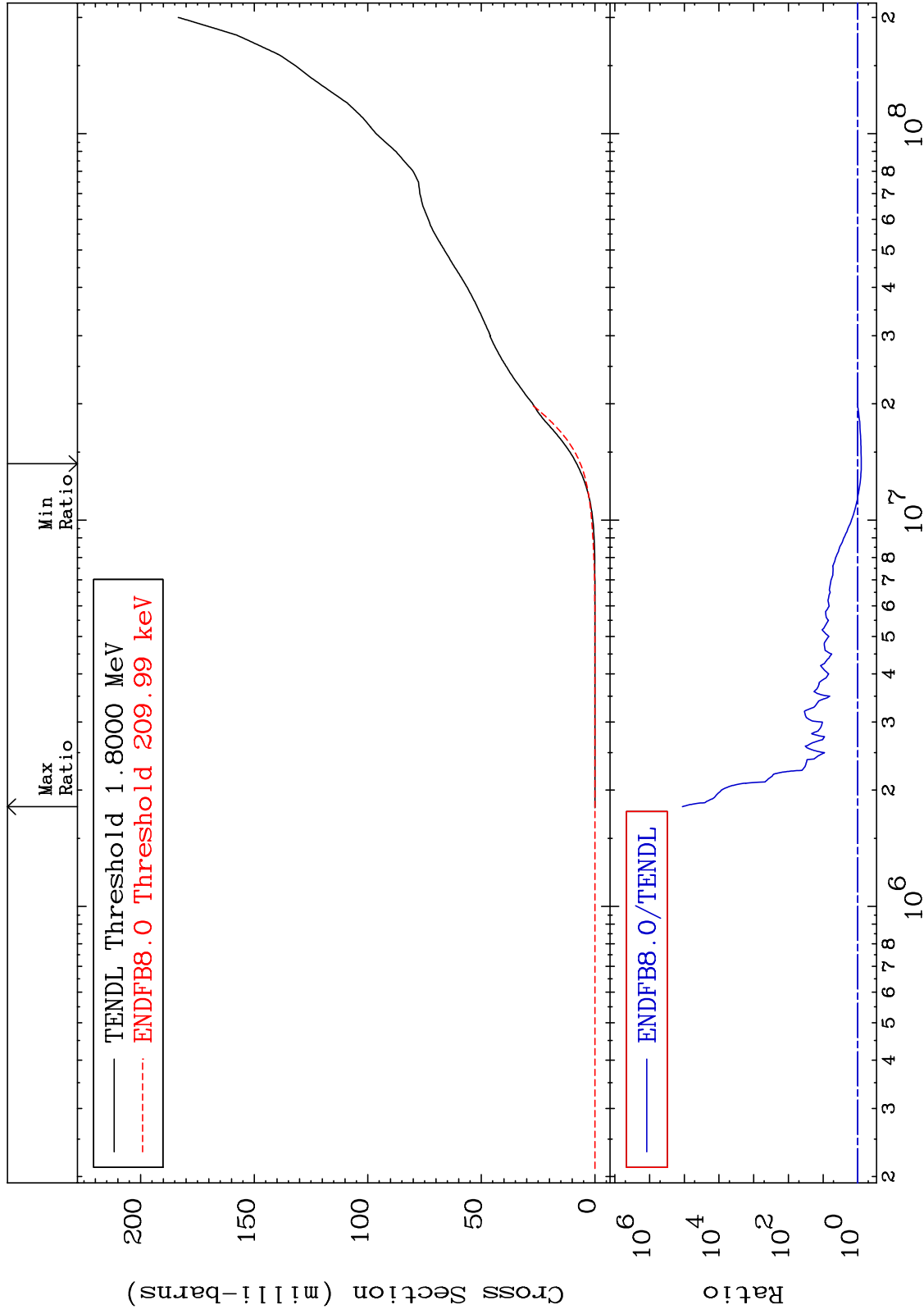
Incident Energy (eV)

30-Zn-70

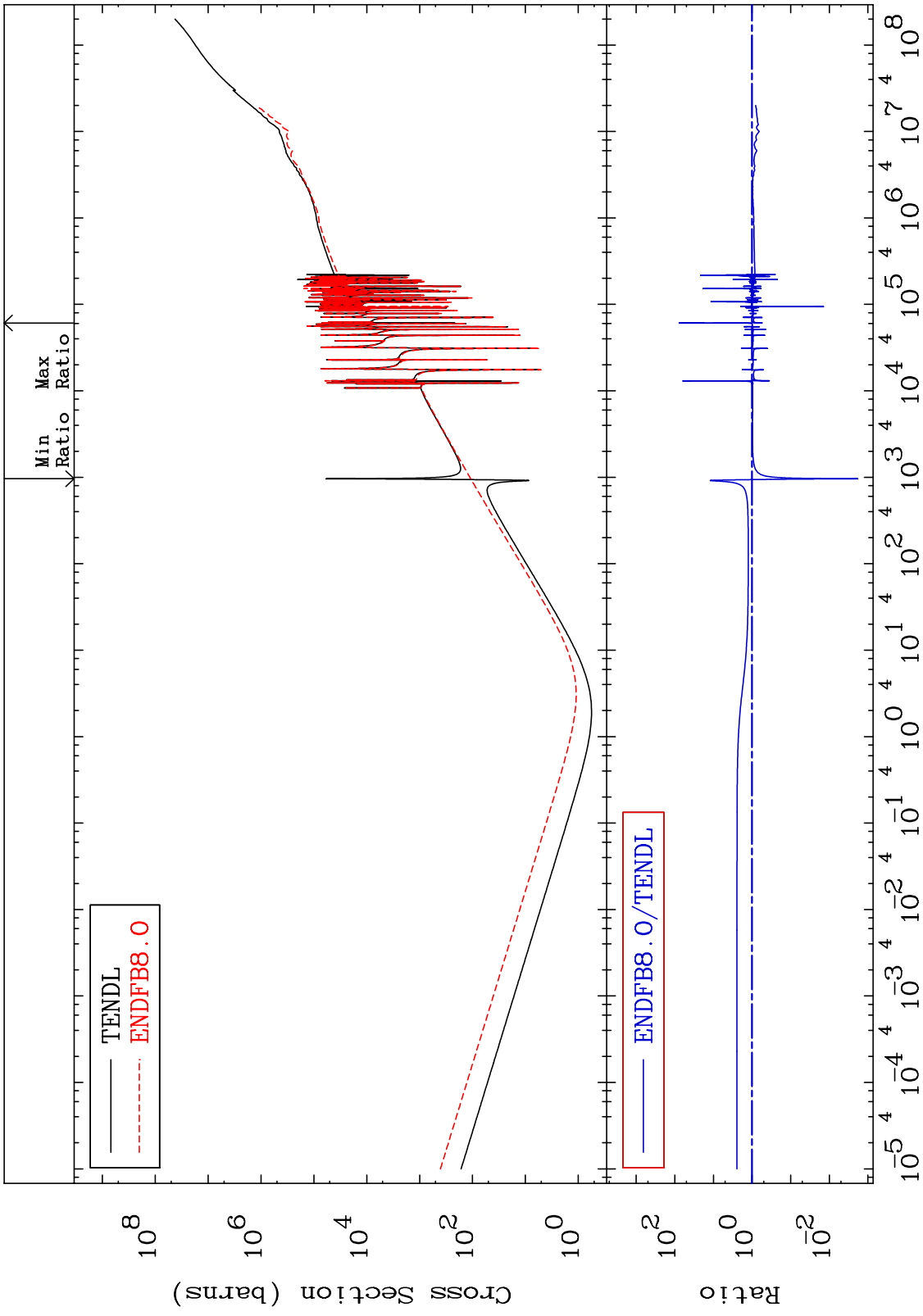
MAT 3043

He-4 Production
Cross Section

30-Zn-70
-20.55 To 9999. %



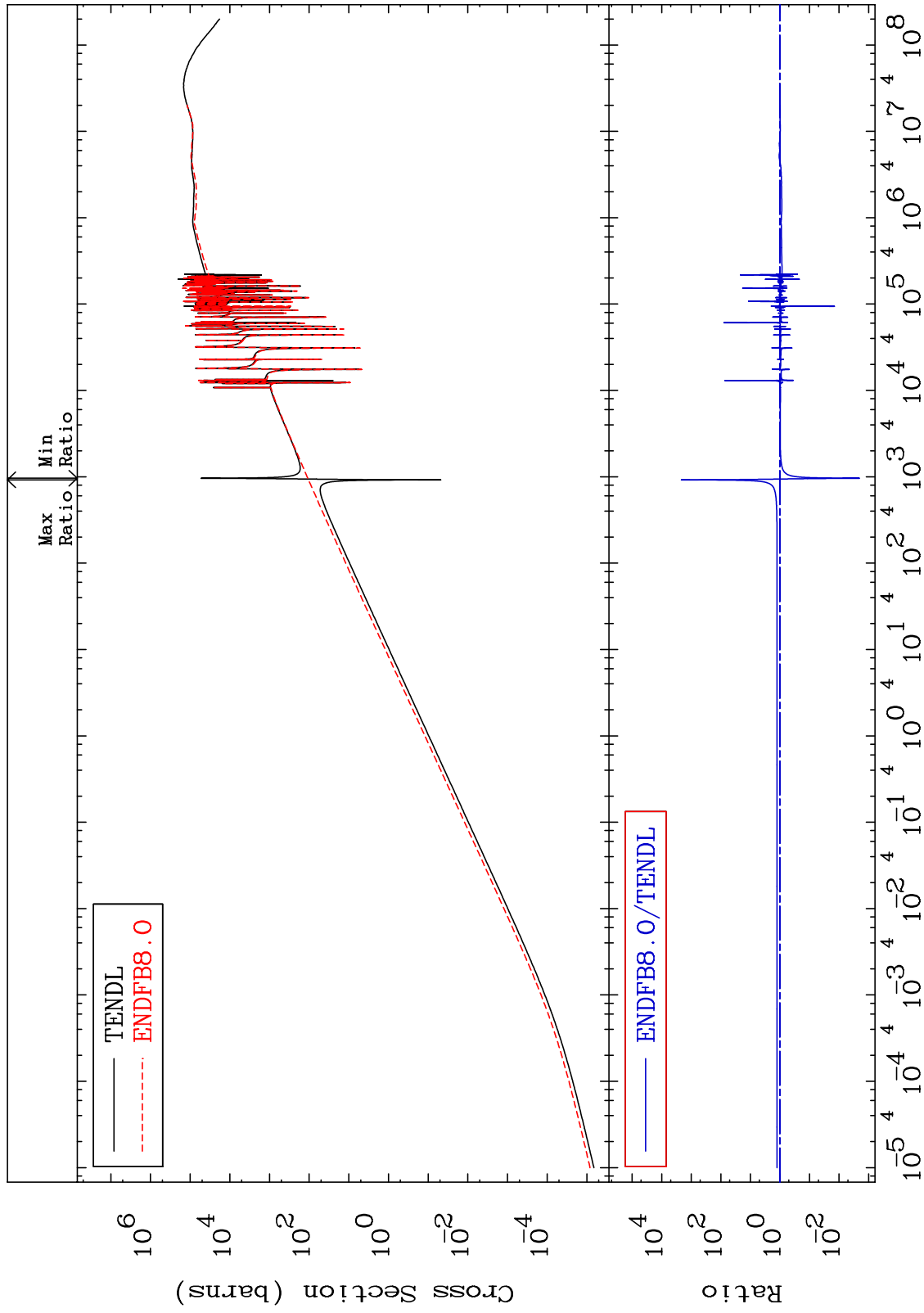
MAT 3043 Kerma total (eV-barns)
 Cross Section 30-Zn-70
 -99.82 To 7677. %



MAT 3043

Kerma elastic
Cross Section

30-Zn-70
-99.80 To 9999. %



30

Incident Energy (eV)

30-Zn-70

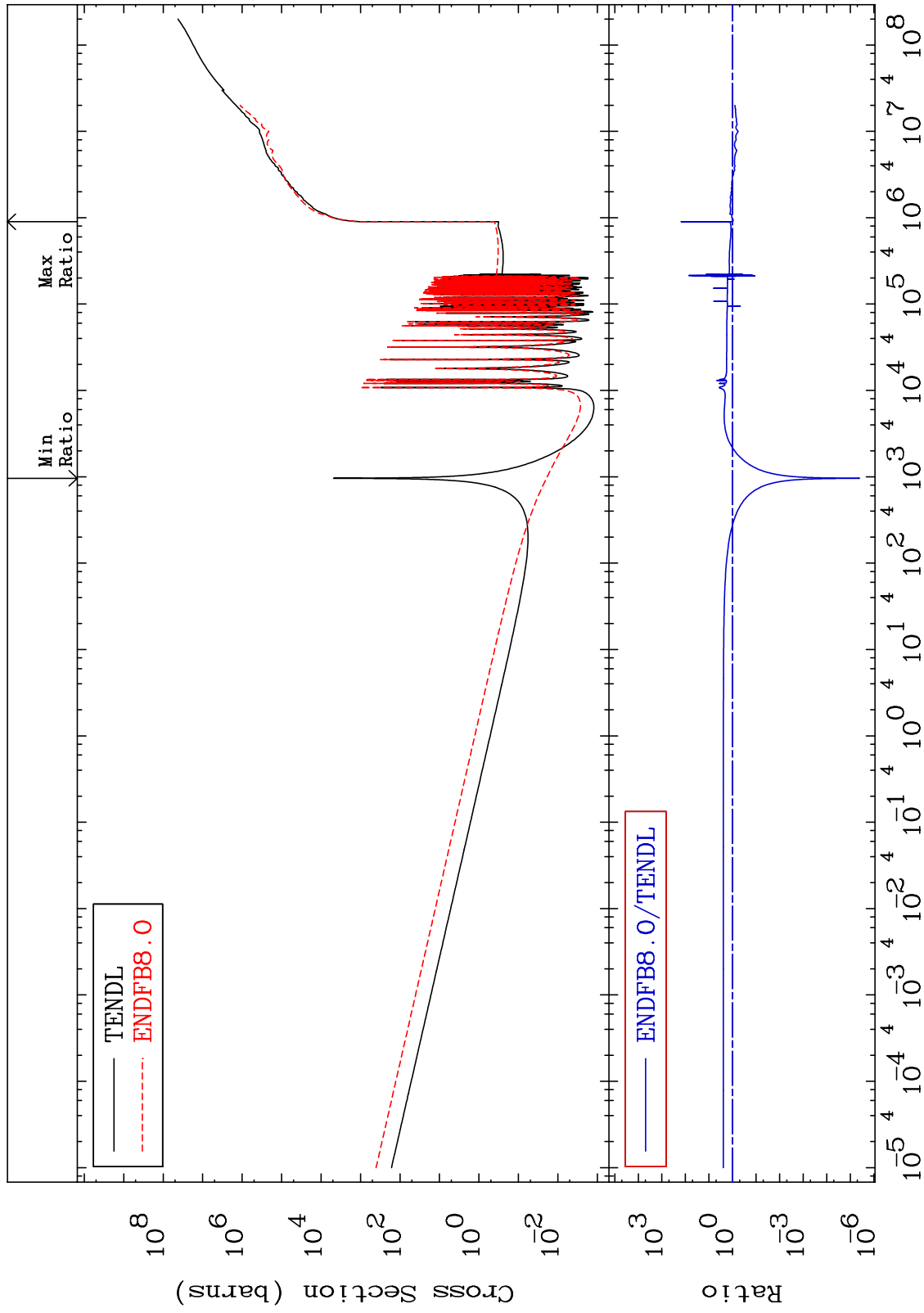
MAT 3043

Kerma non-elastic (all but mt2)

30-Zn-70

Cross Section

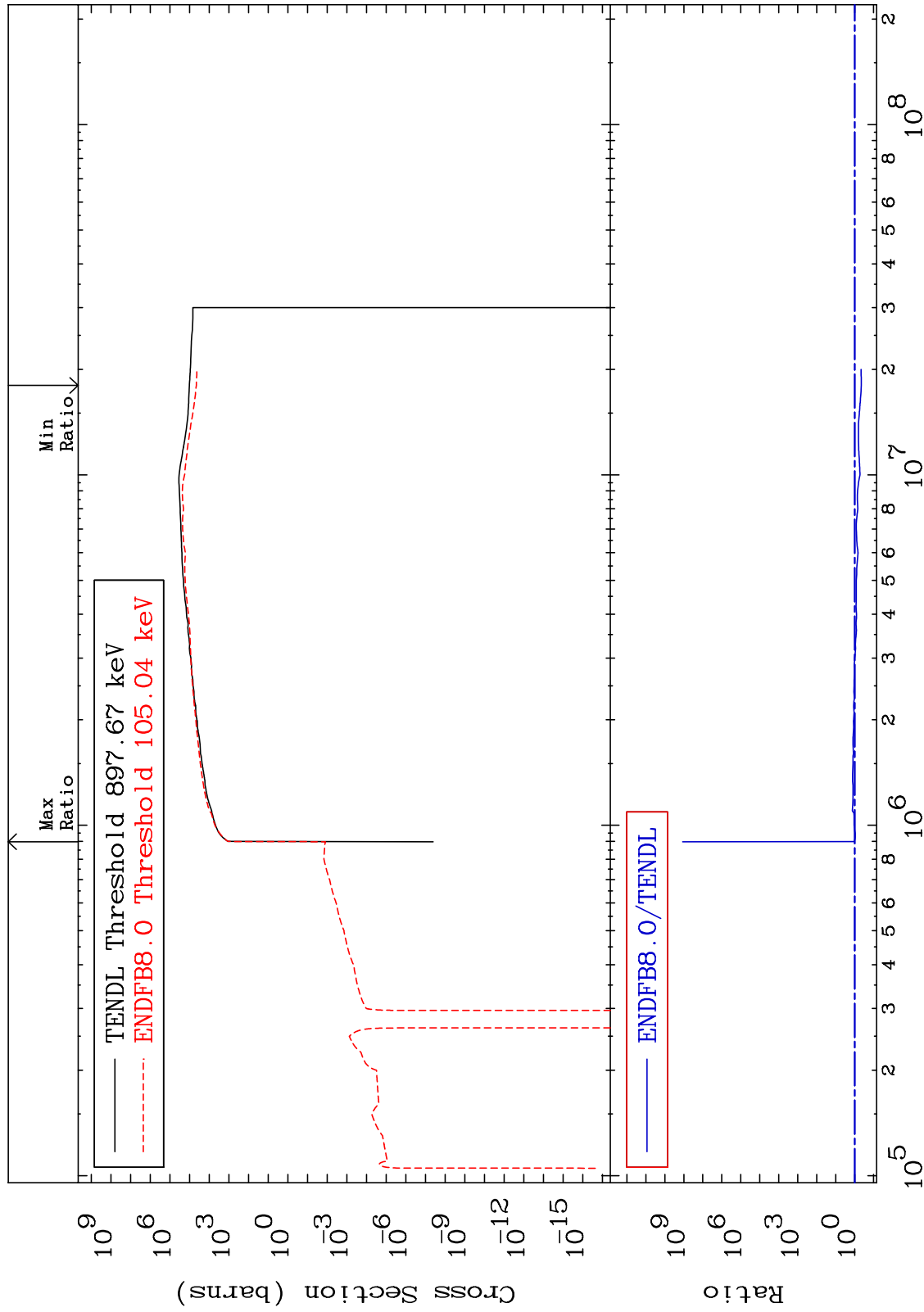
-100.0 To 9999. %



MAT 3043

Kerma inelastic (mt51-91)
Cross Section

30-Zn-70
-55.61 To 9999. %



32

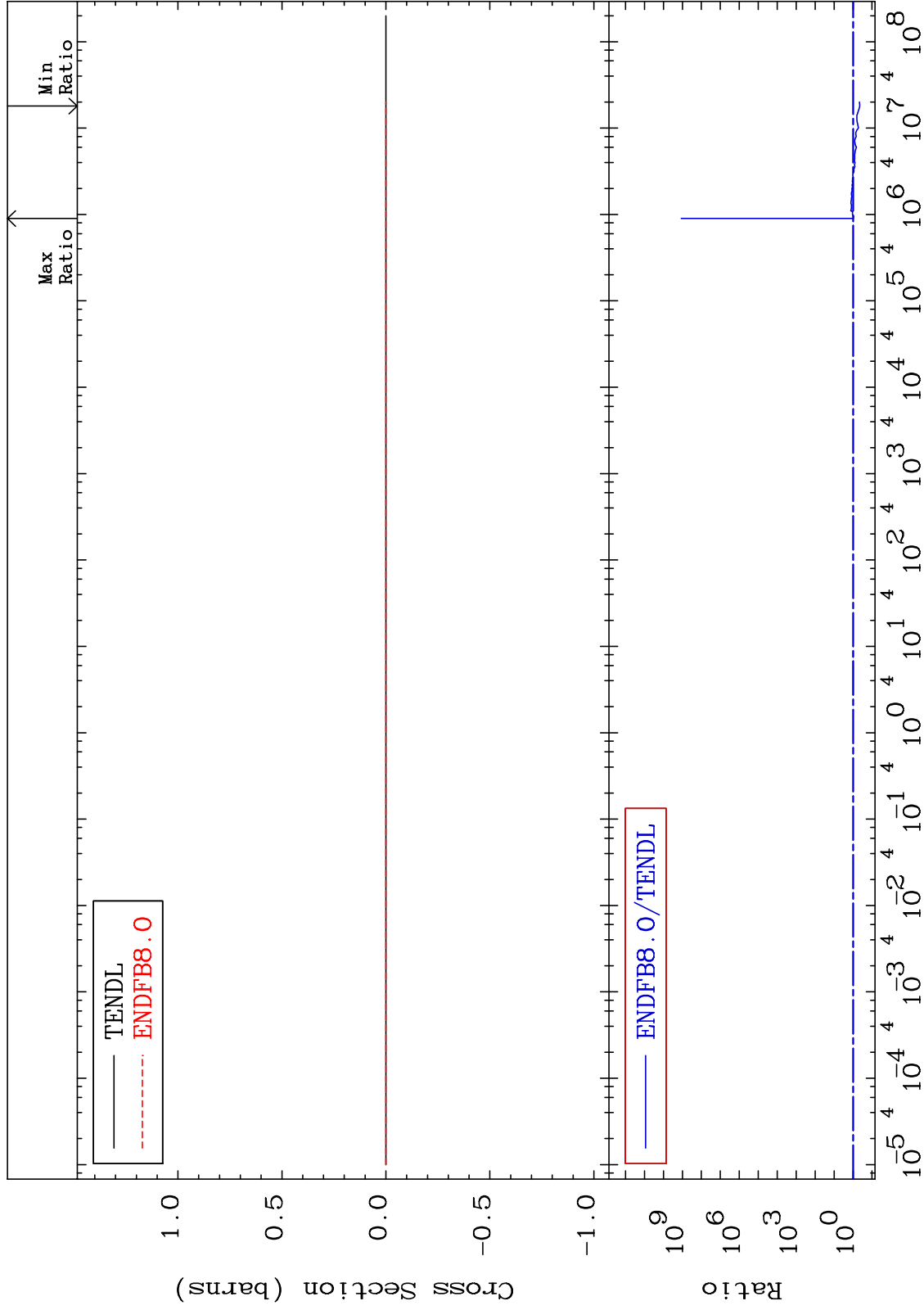
Incident Energy (eV)

30-Zn-70

MAT 3043

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

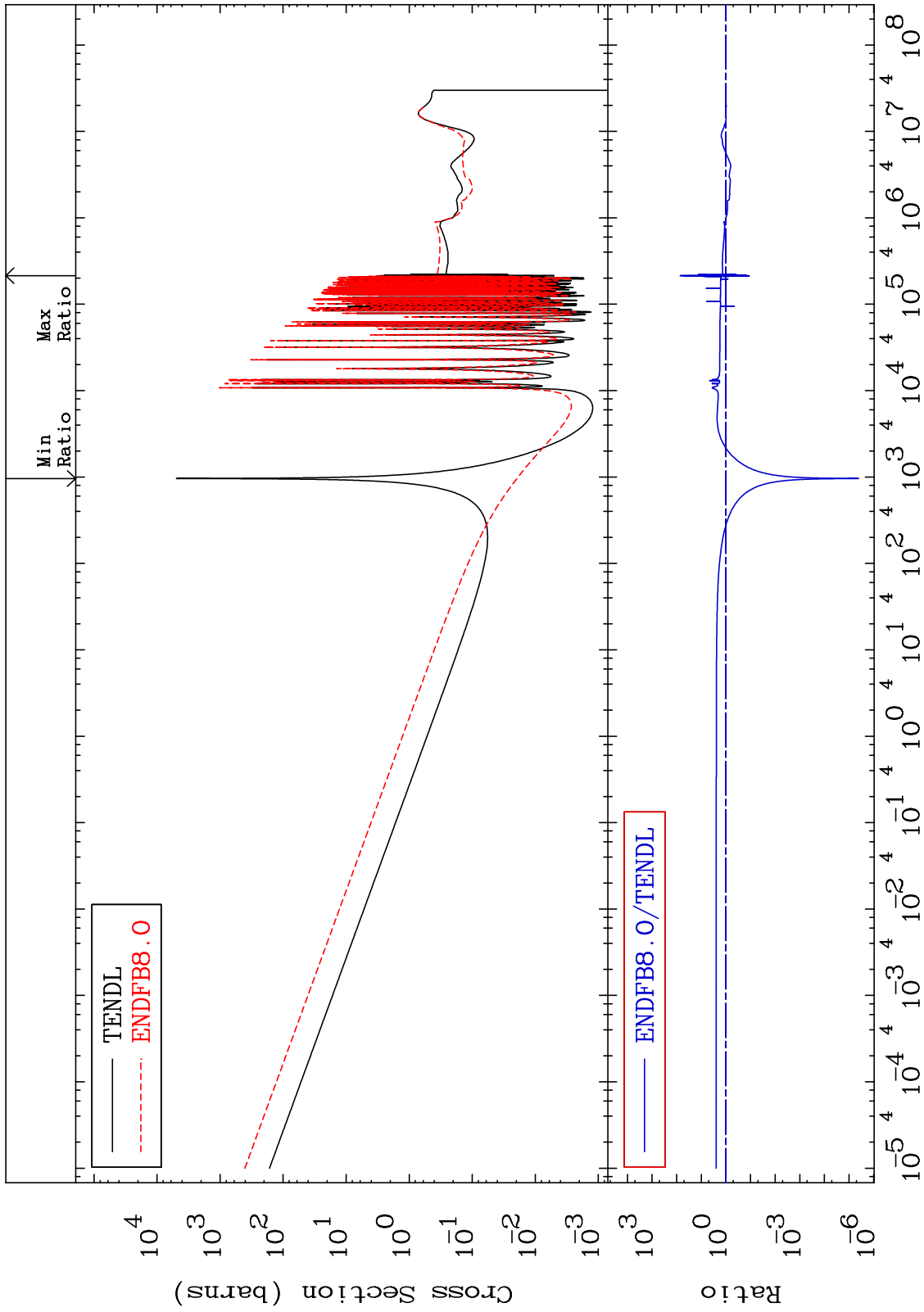
30-Zn-70
-55.61 To 9999. %



MAT 3043

Kerma capture (mt102)
Cross Section

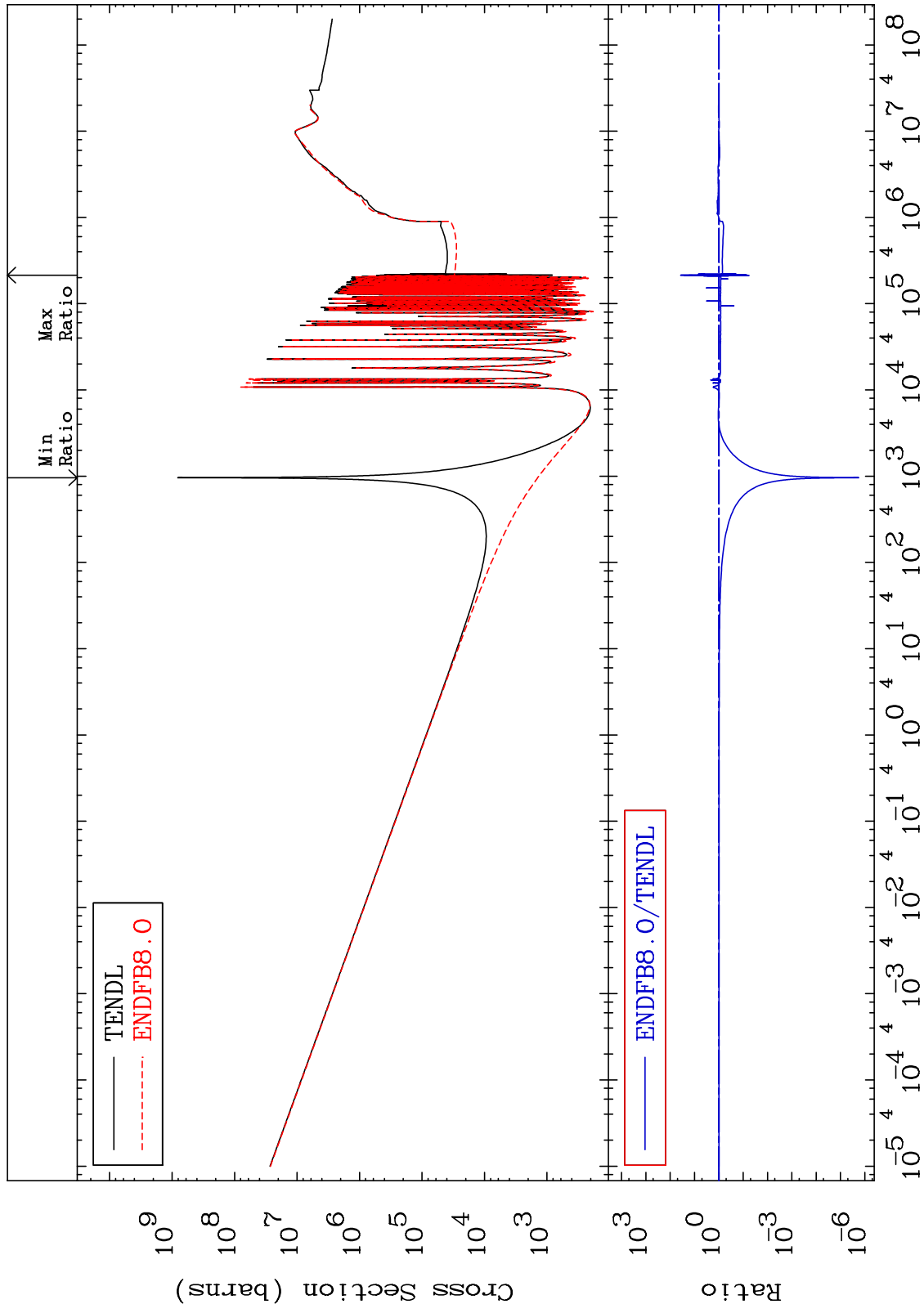
30-Zn-70
-100.0 To 7070. %



MAT 3043

Total photon (eV-barns)
Cross Section

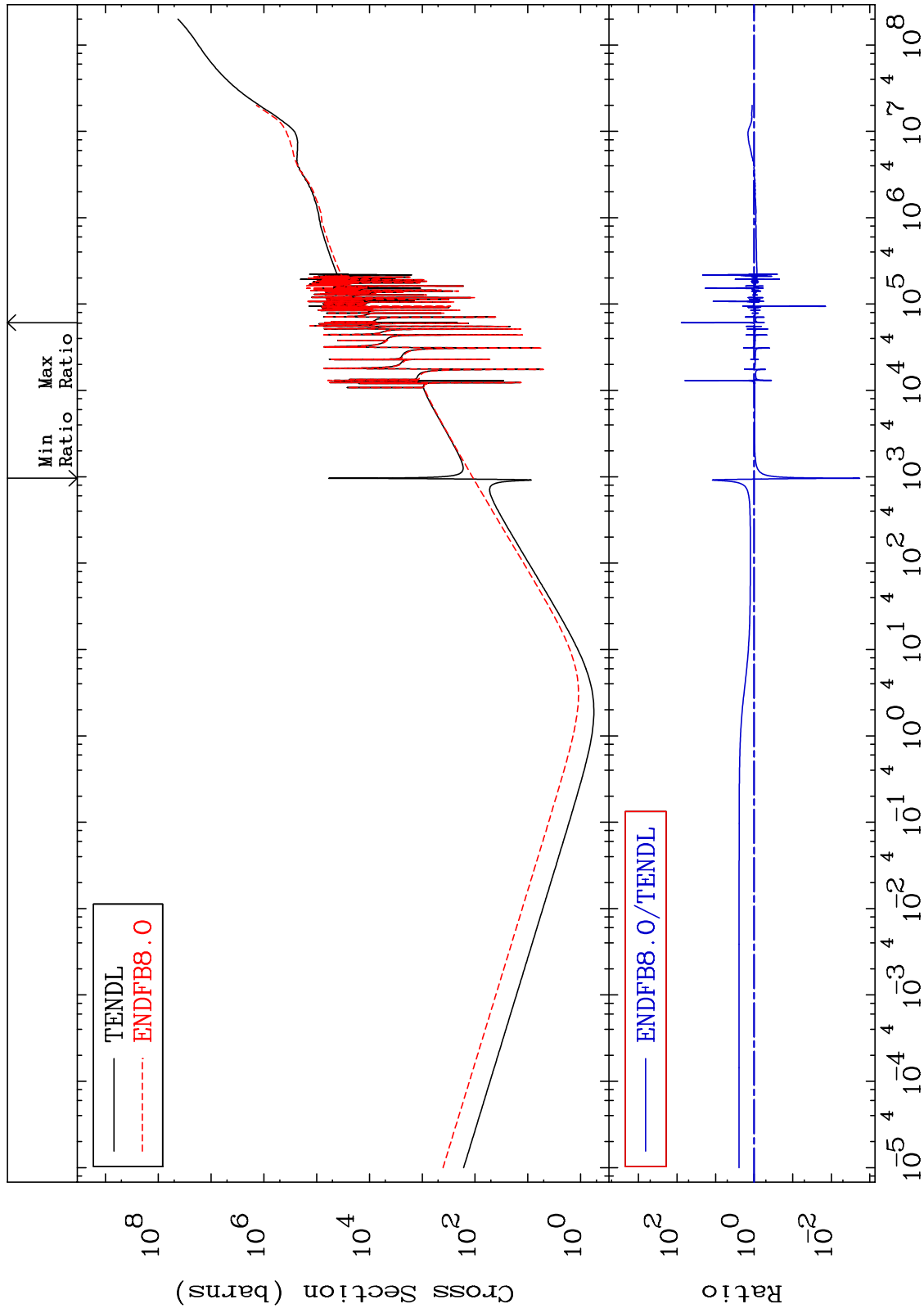
30-Zn-70
-100.0 To 3625. %



MAT 3043

Total kinematic kerma (high limit)
Cross Section

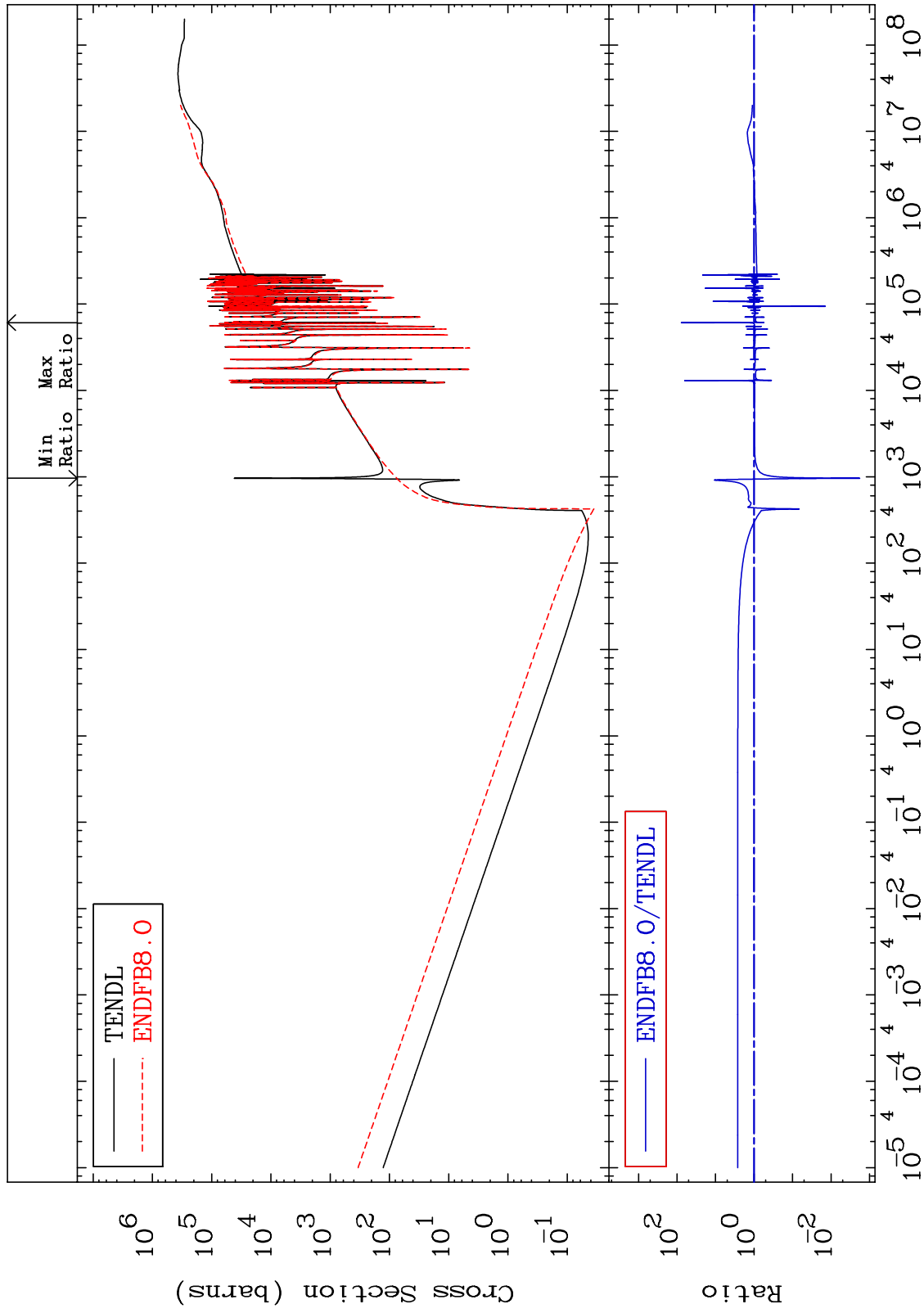
30-Zn-70
-99.82 To 7677. %



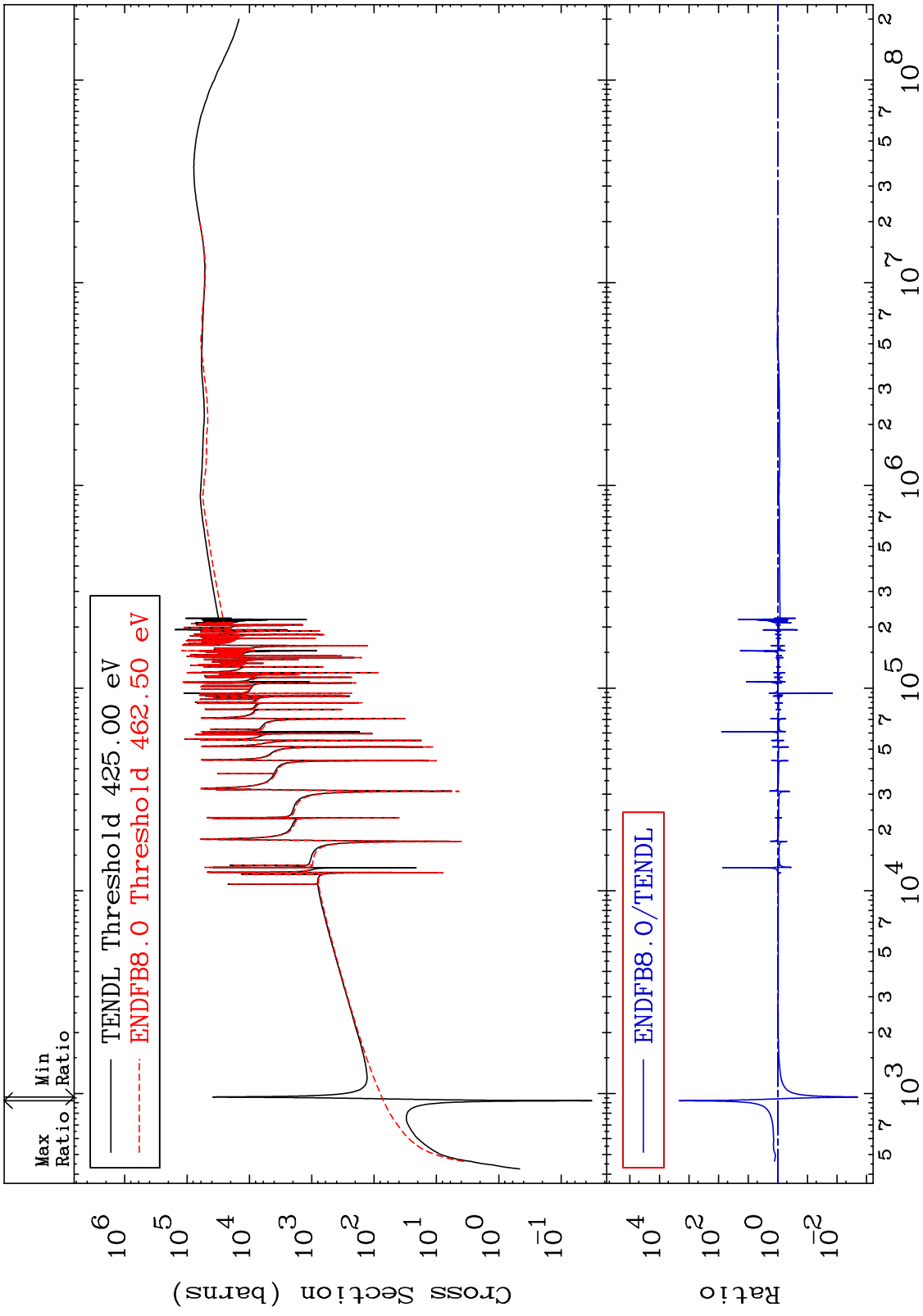
MAT 3043

Dpa total (eV-barns)
Cross Section

30-Zn-70
-99.82 To 7677. %



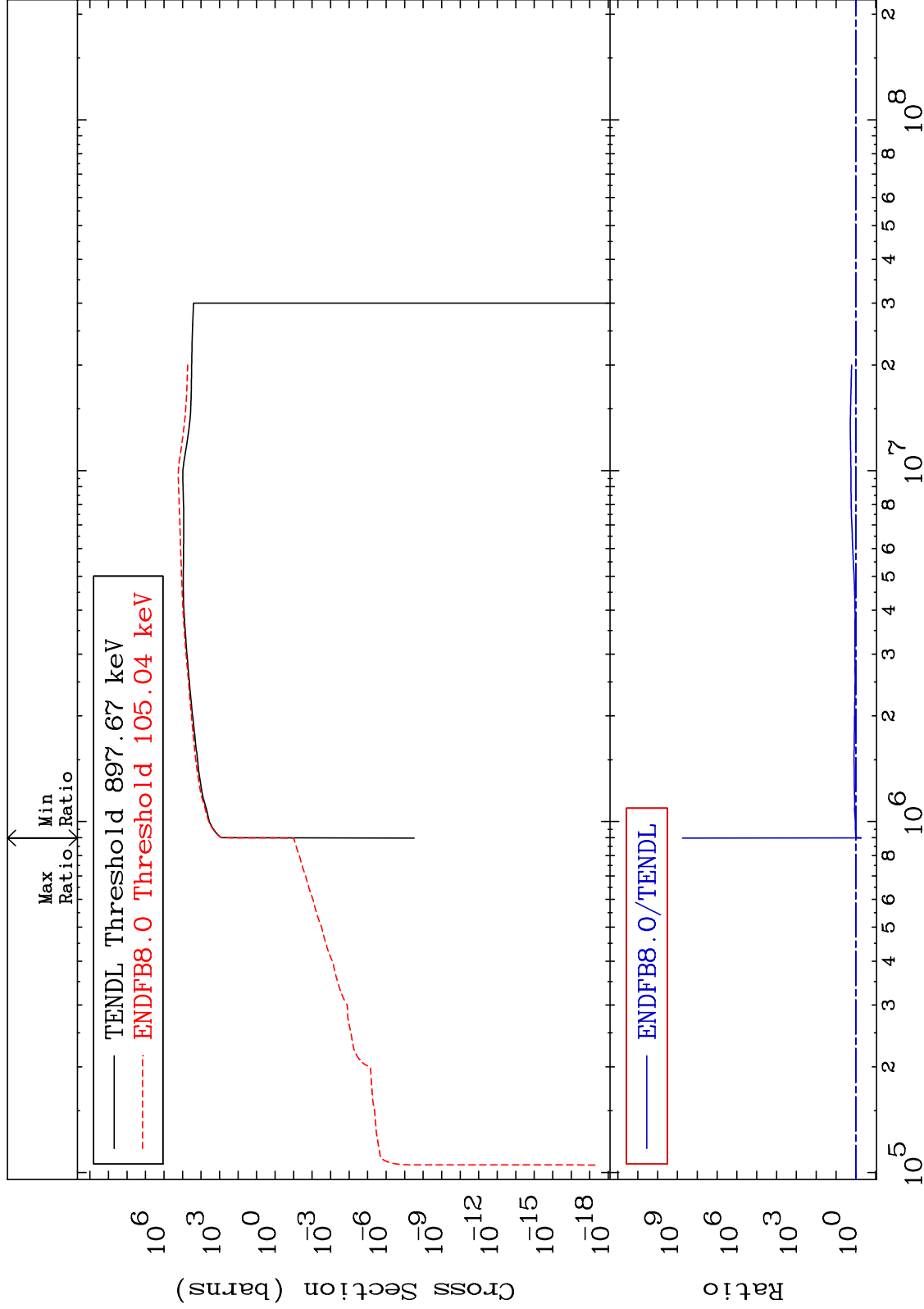
MAT 3043 Dpa elastic (mt2) 30-Zn-70
 Cross Section -99.80 To 9999. %



MAT 3043

Dpa inelastic (mt51-91)
Cross Section

30-Zn-70
-46.75 To 9999. %



39

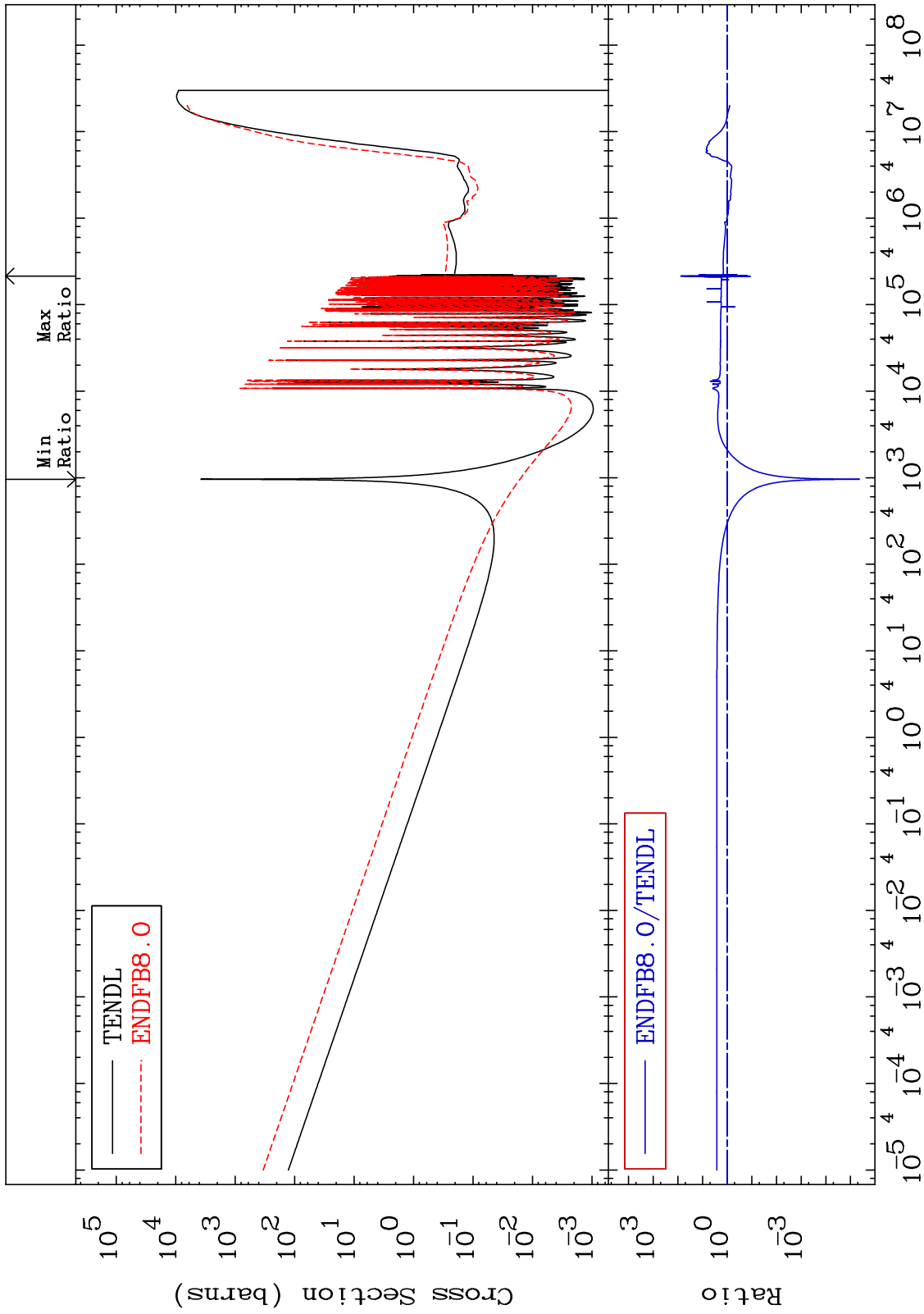
Incident Energy (eV)

30-Zn-70

MAT 3043

Dpa disappearance (mt102 -120)
Cross Section

30-Zn-70
-100.0 To 7489. %



40

Incident Energy (eV)

30-Zn-70