

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

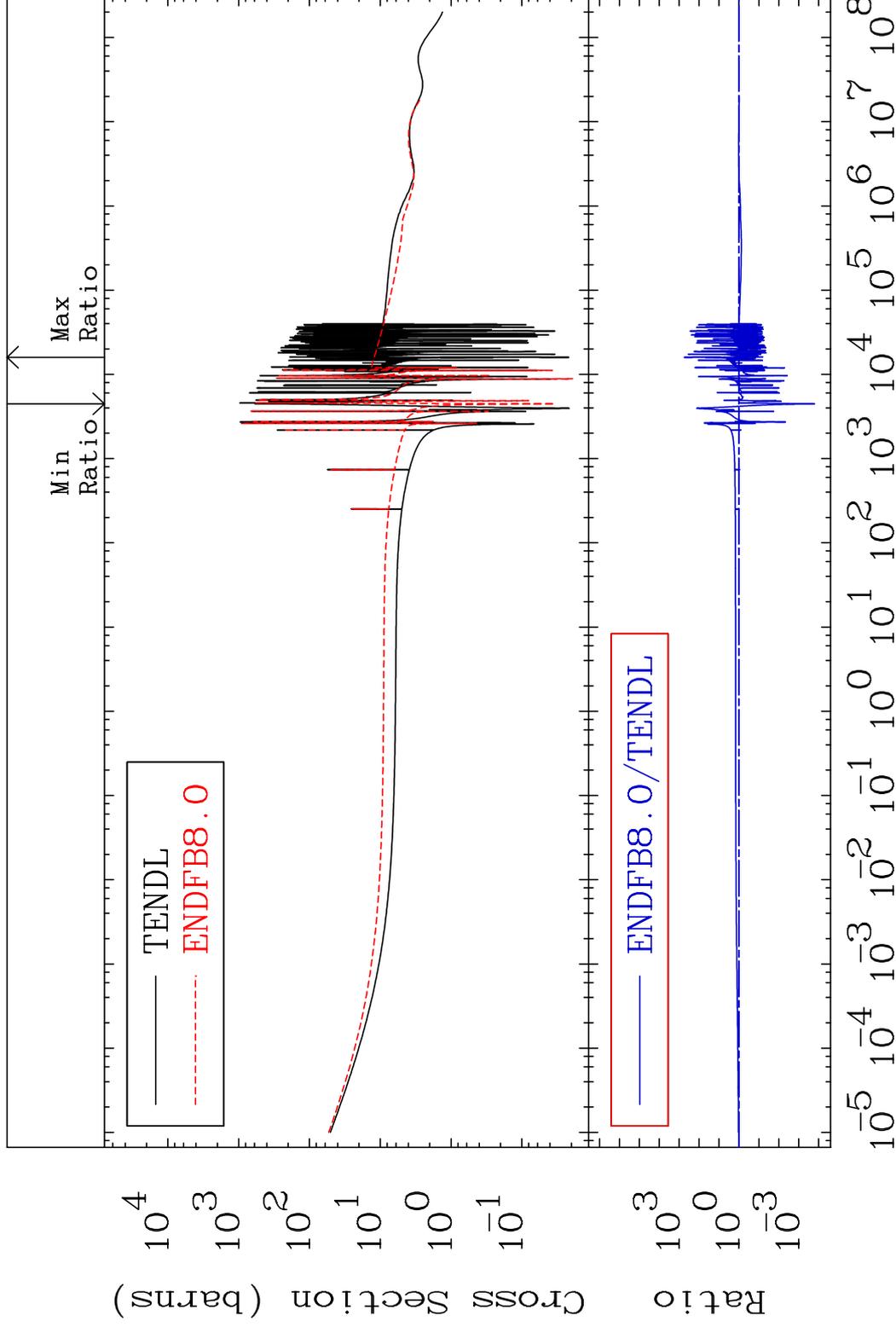
MAT 3231

Total

32-Ge-72

Cross Section

-99.98 To 9999. %



1

Incident Energy (eV)

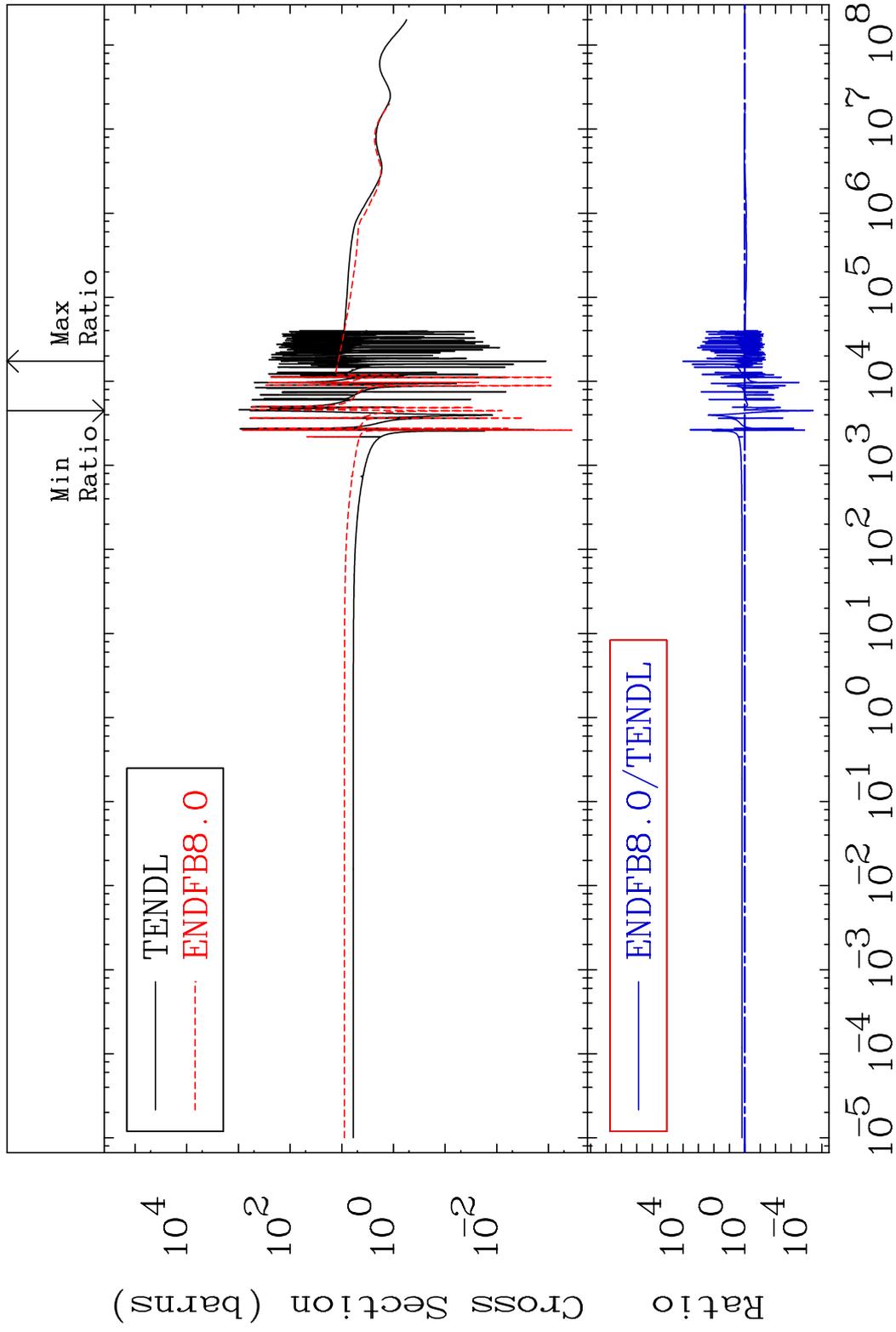
32-Ge-72

MAT 3231

Elastic

32-Ge-72

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

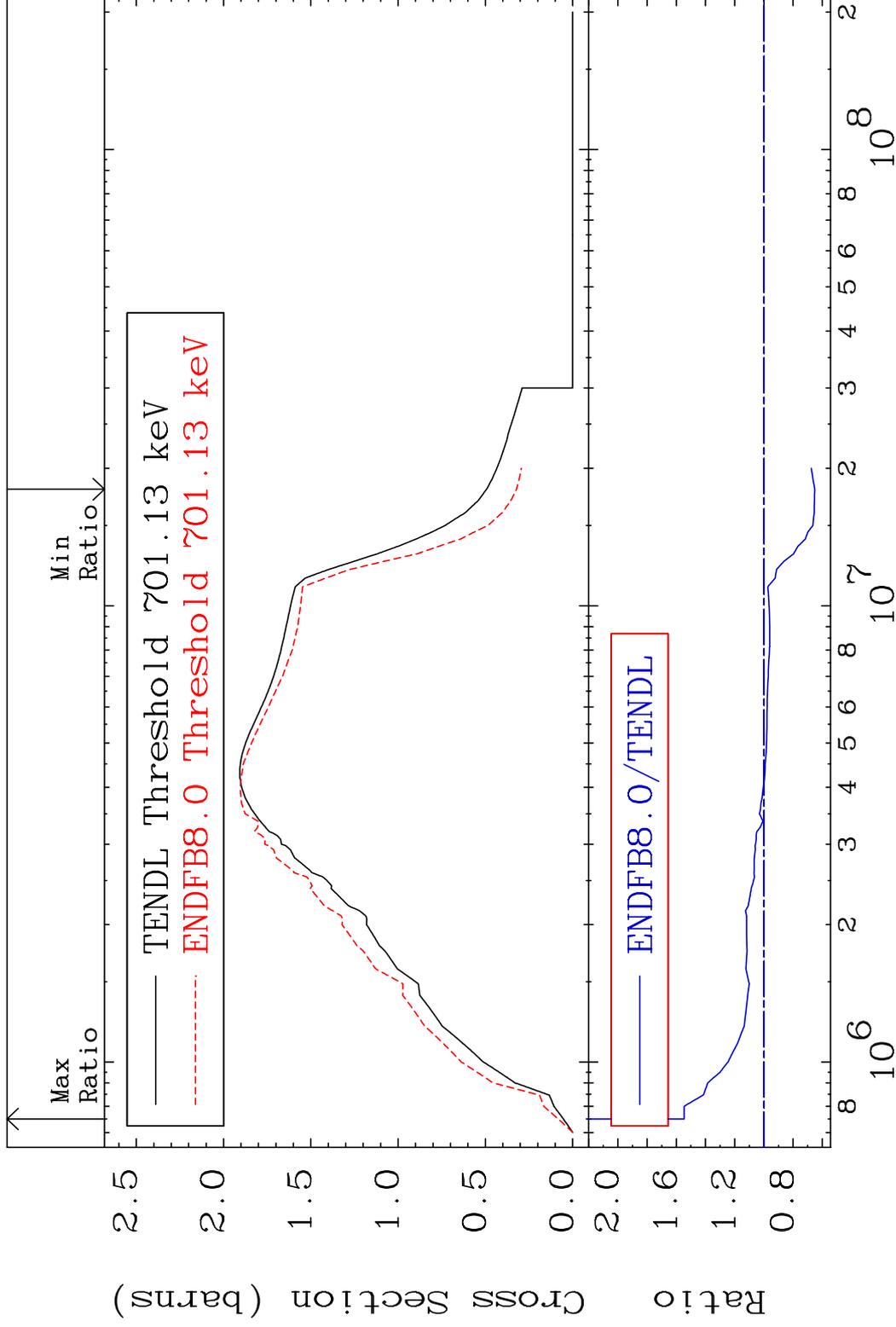
32-Ge-72

MAT 3231

Inelastic

32-Ge-72

Cross Section -34.77 To 54.63 %



3

Incident Energy (eV)

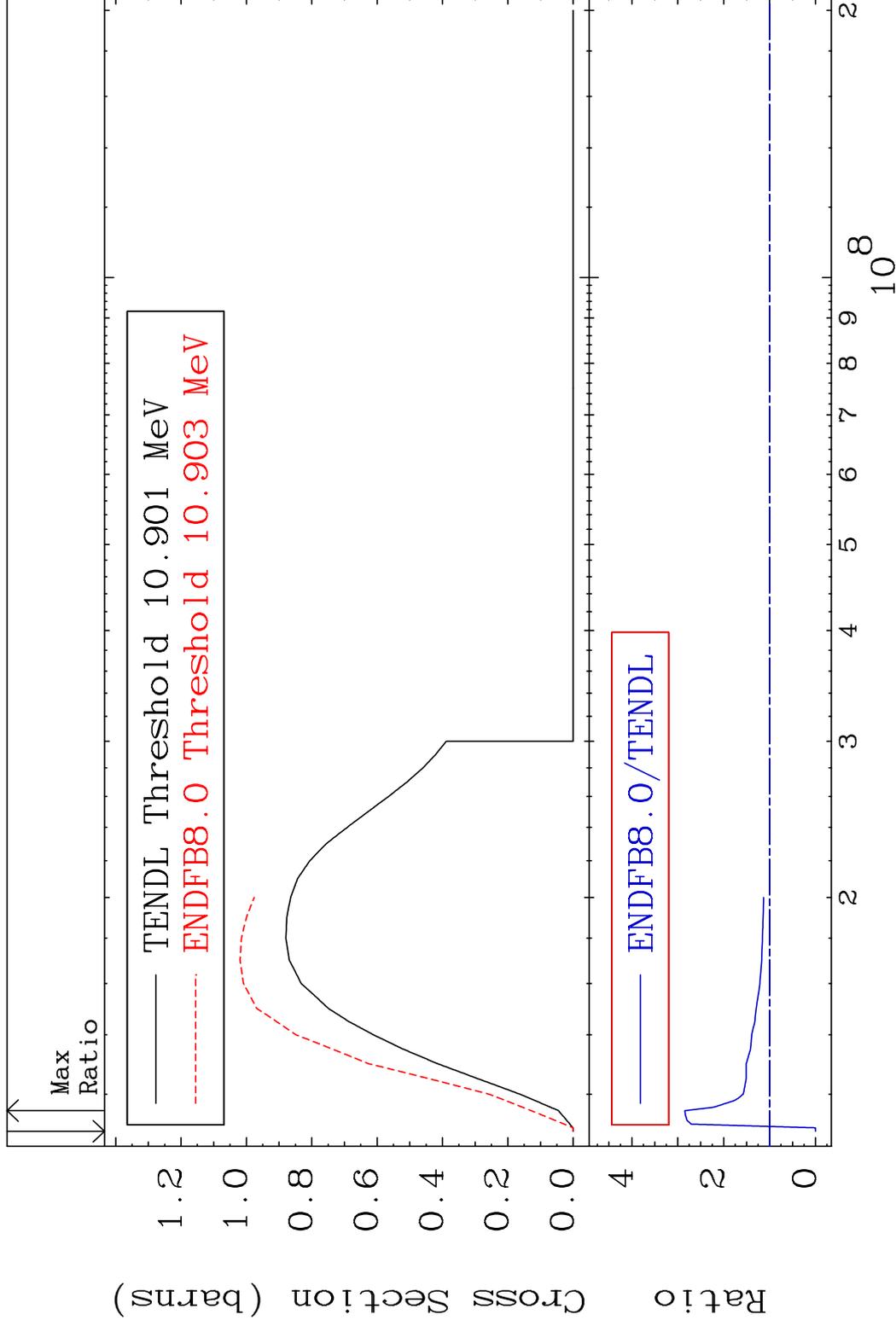
32-Ge-72

MAT 3231

(n,2n)

32-Ge-72

Cross Section -100.0 To 184.7 %



4

Incident Energy (eV)

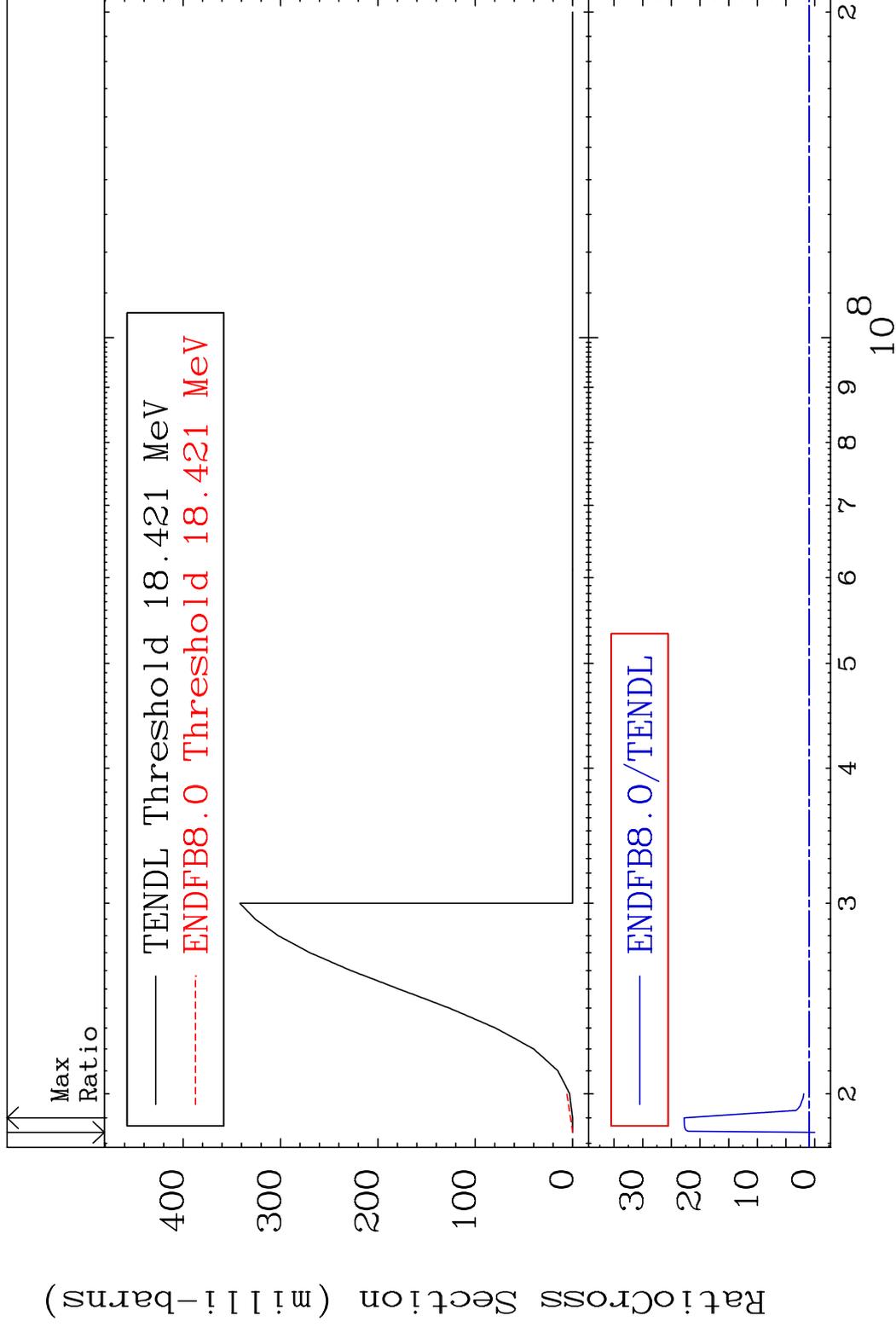
32-Ge-72

MAT 3231

(n,3n)

32-Ge-72

Cross Section -100.0 To 2177. %

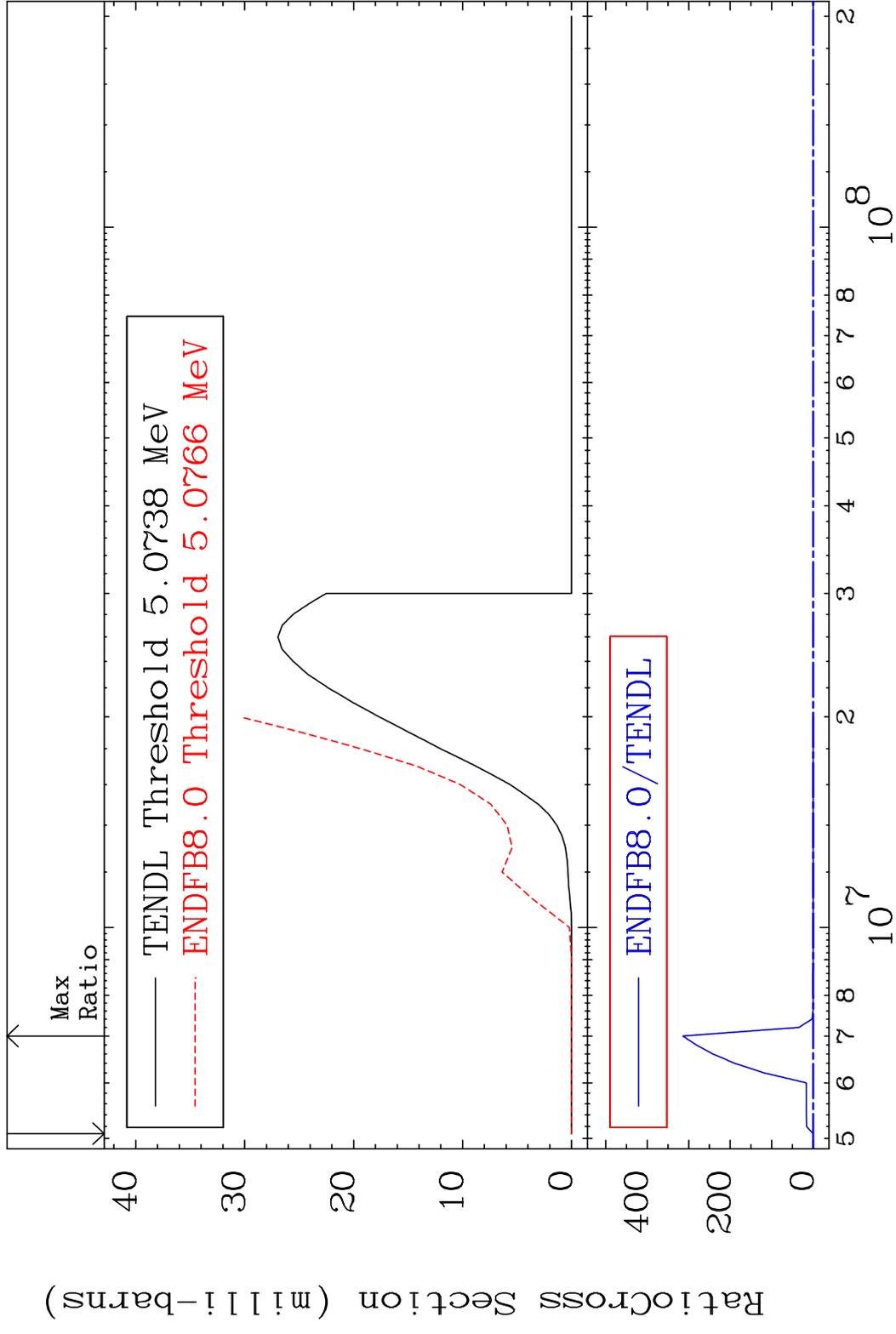


5

Incident Energy (eV)

32-Ge-72

MAT 3231 (n, n') α 32-Ge-72
 Cross Section -100.0 To 9999. %

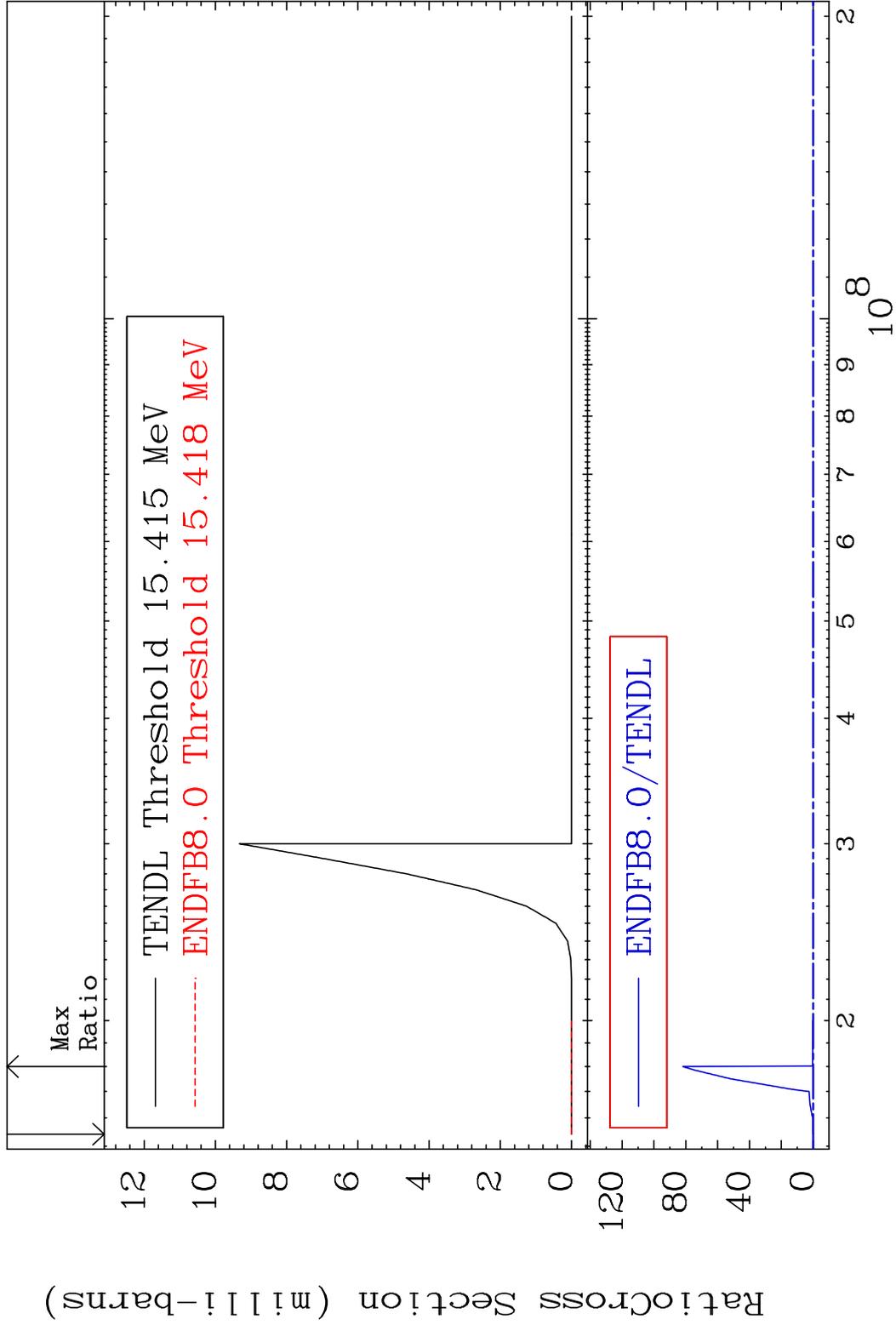


MAT 3231

(n,2n) α

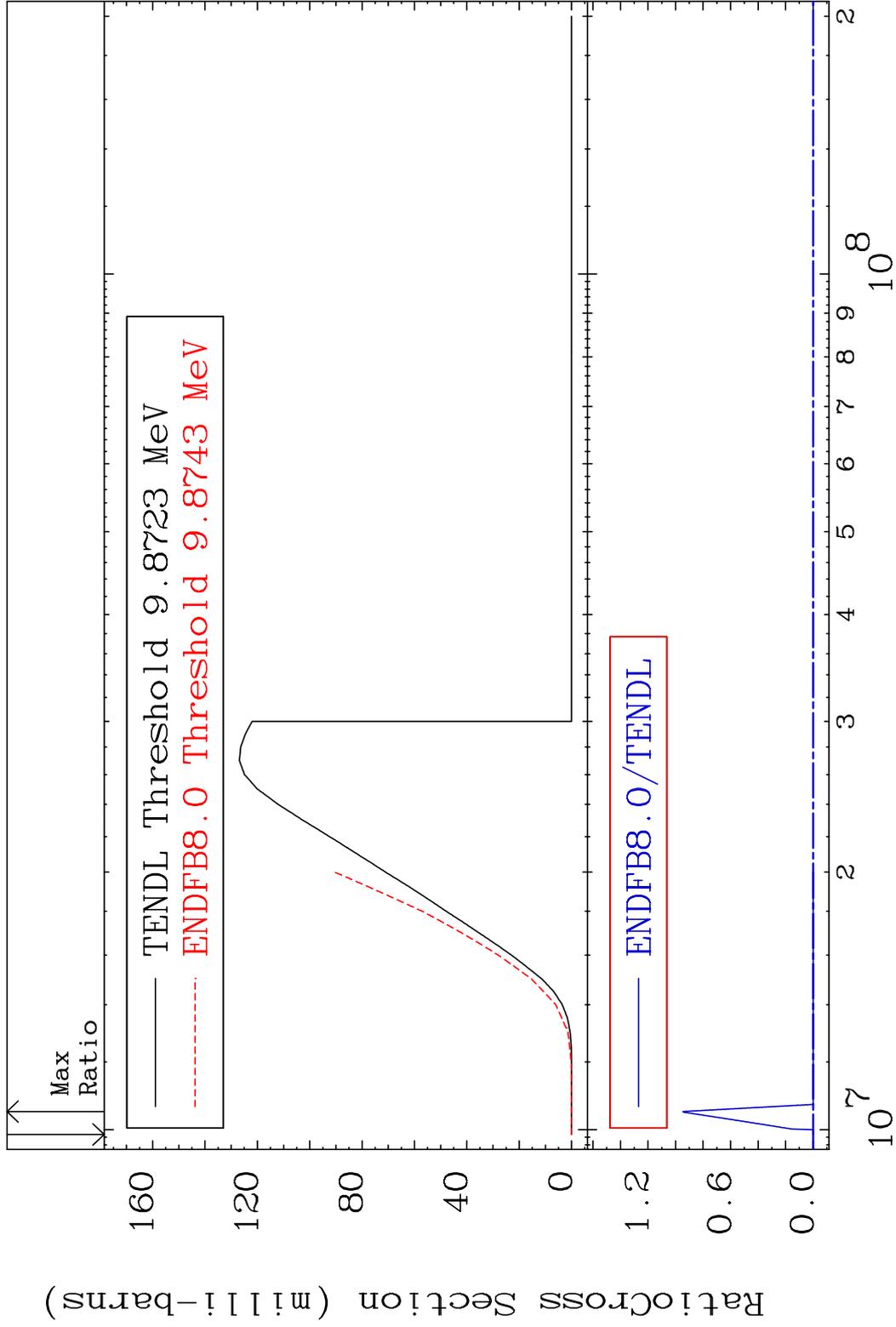
32-Ge-72

Cross Section -100.0 To 9999. %



MAT 3231

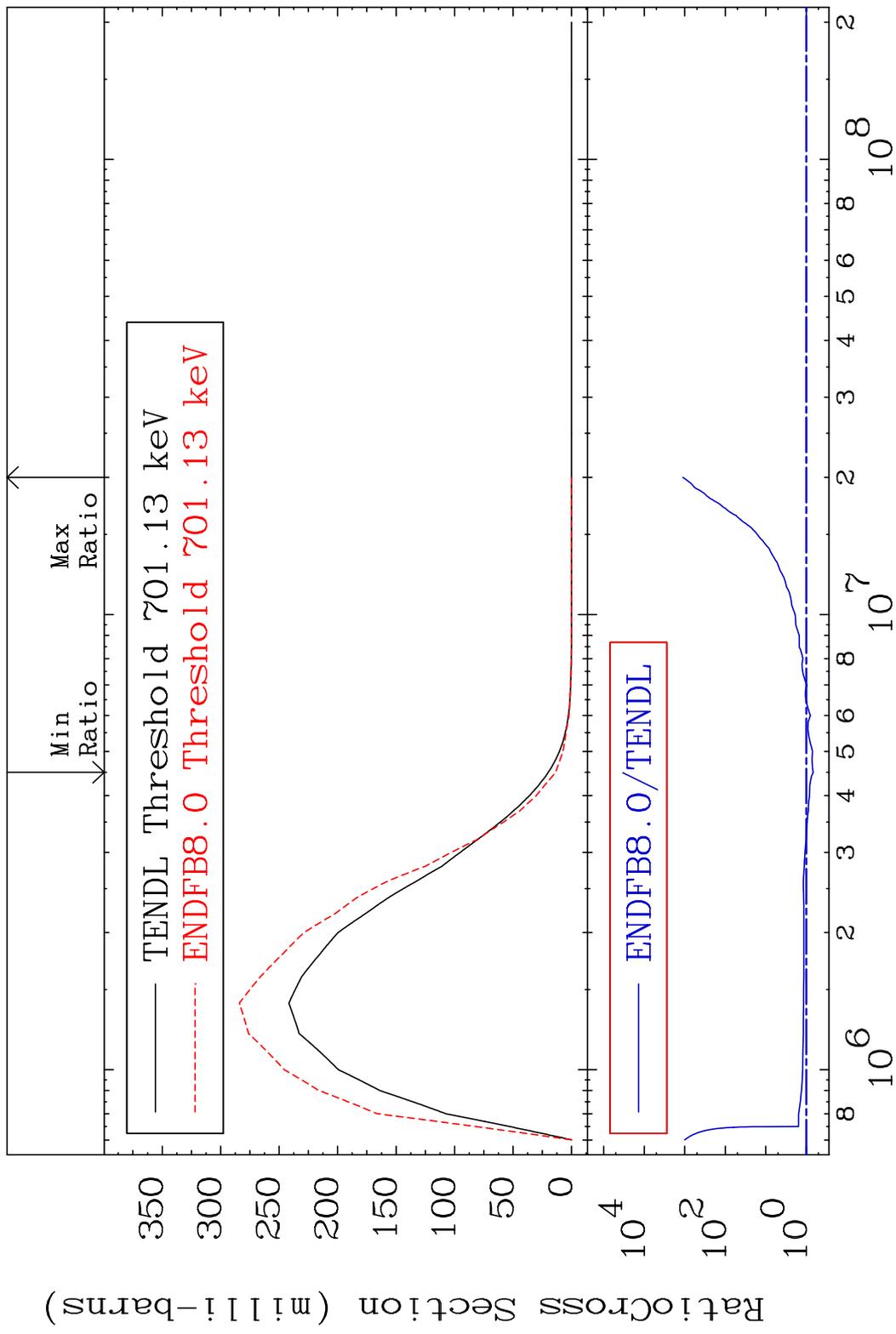
(n, n') p 32-Ge-72
Cross Section -100.0 To 9999. %



8 7 6 5 4 3 2 1 0 9 8 7 6 5 4 3 2

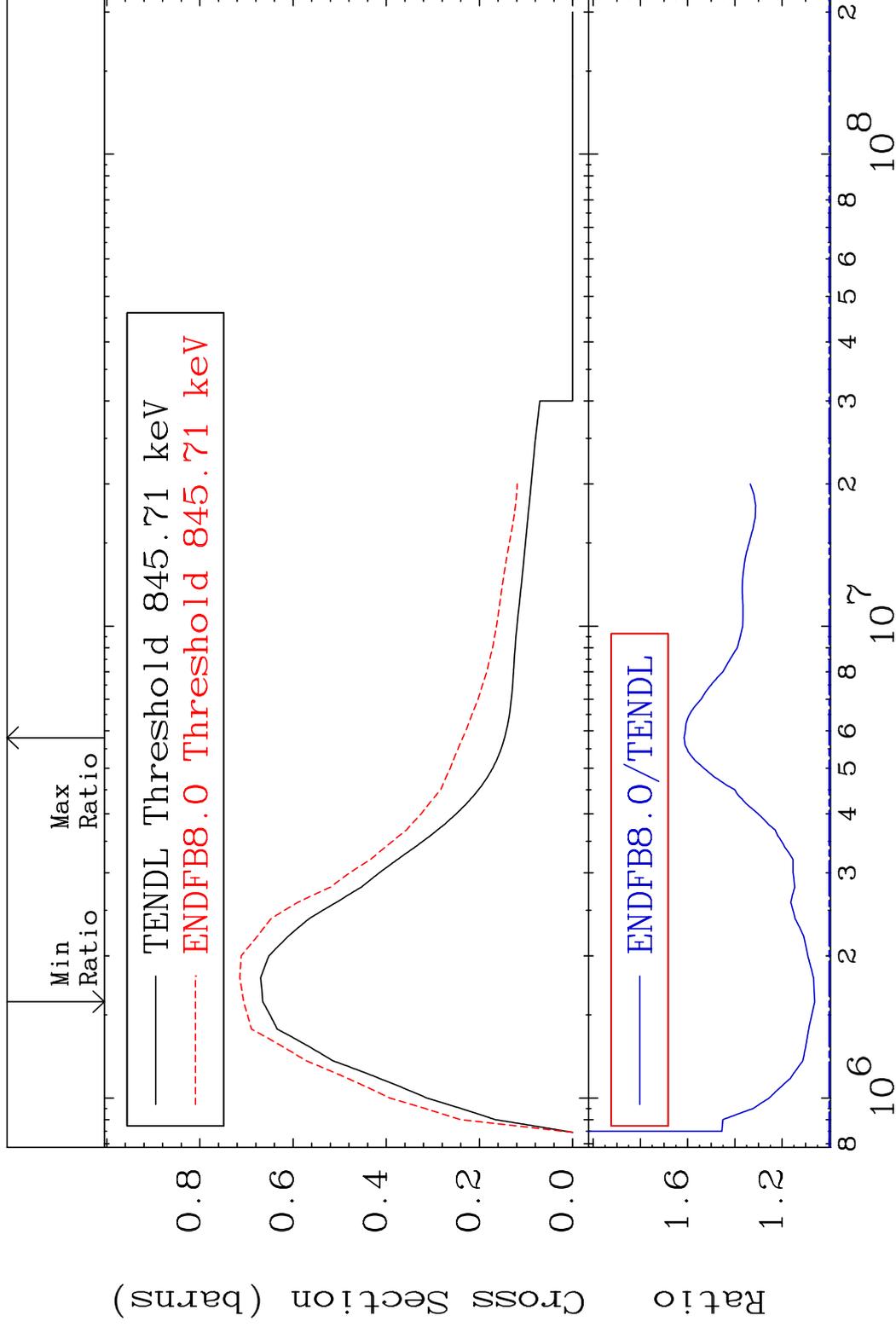
32-Ge-72

MAT 3231 MT= 51 (n, n') Level 32-Ge-72
 Cross Section -32.02 To 9999. %



MAT 3231

MT= 52 (n, n') Level 32-Ge-72
Cross Section 6.187 To 61.49 %

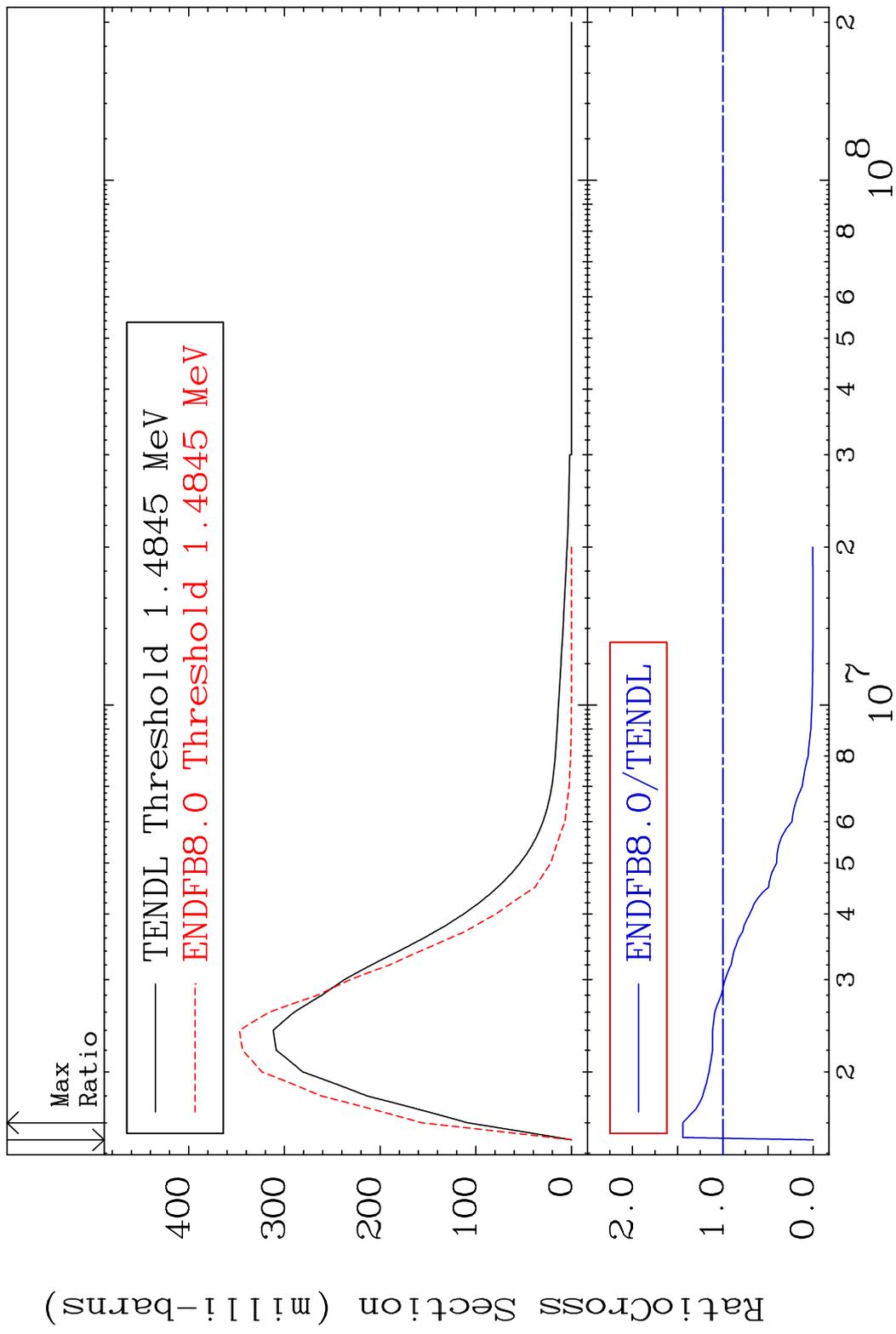


10

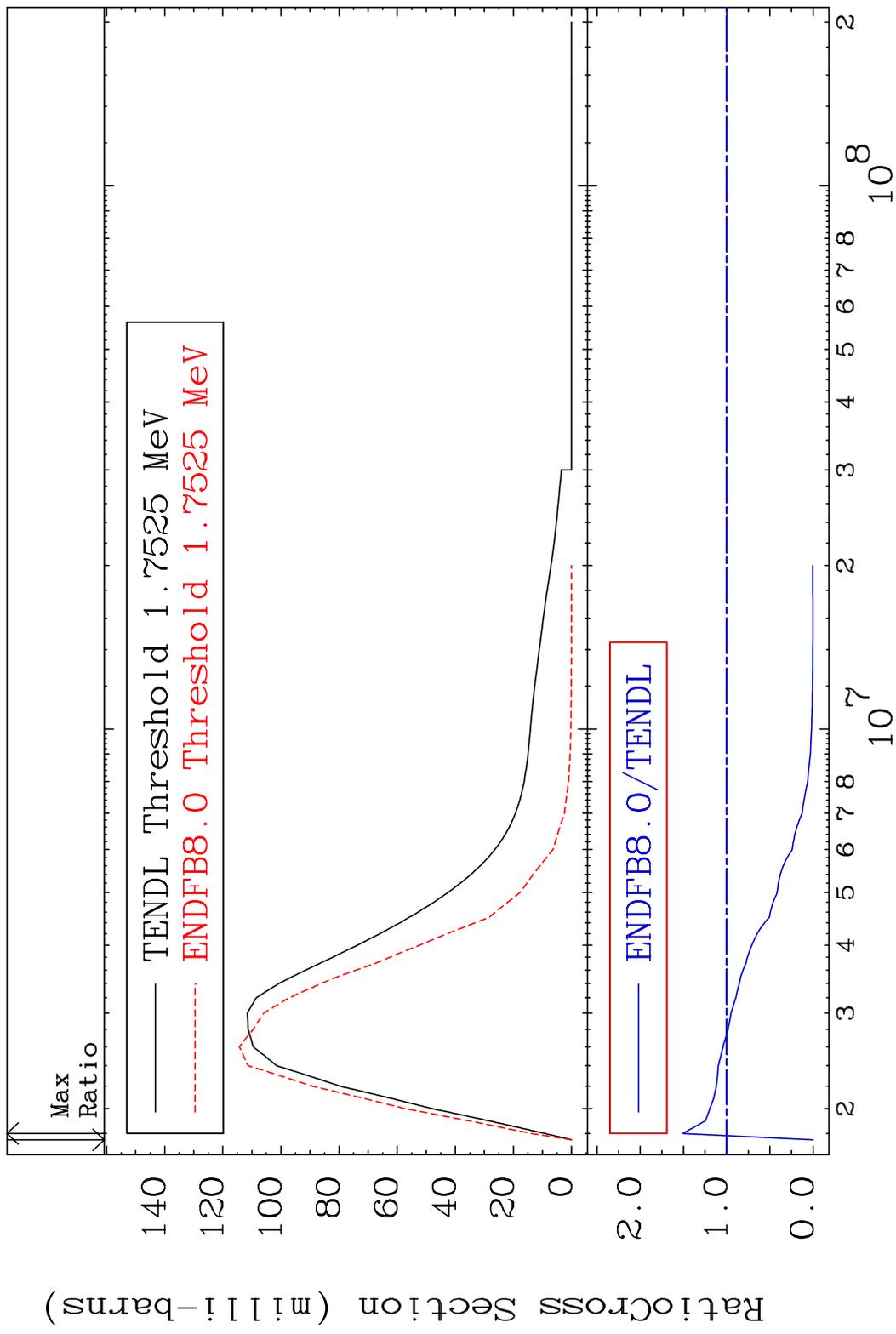
Incident Energy (eV)

32-Ge-72

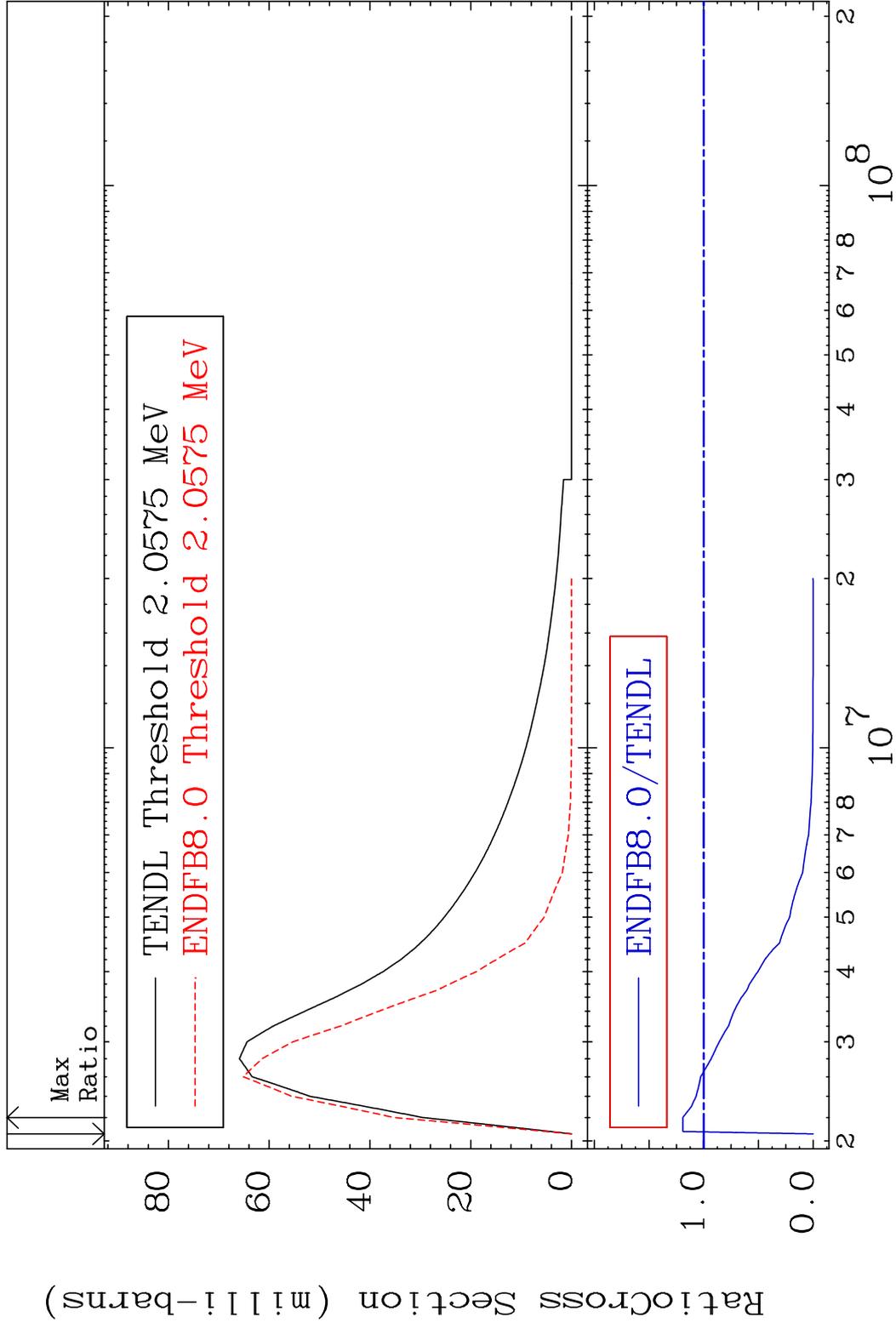
MAT 3231 MT= 53 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 44.24 %



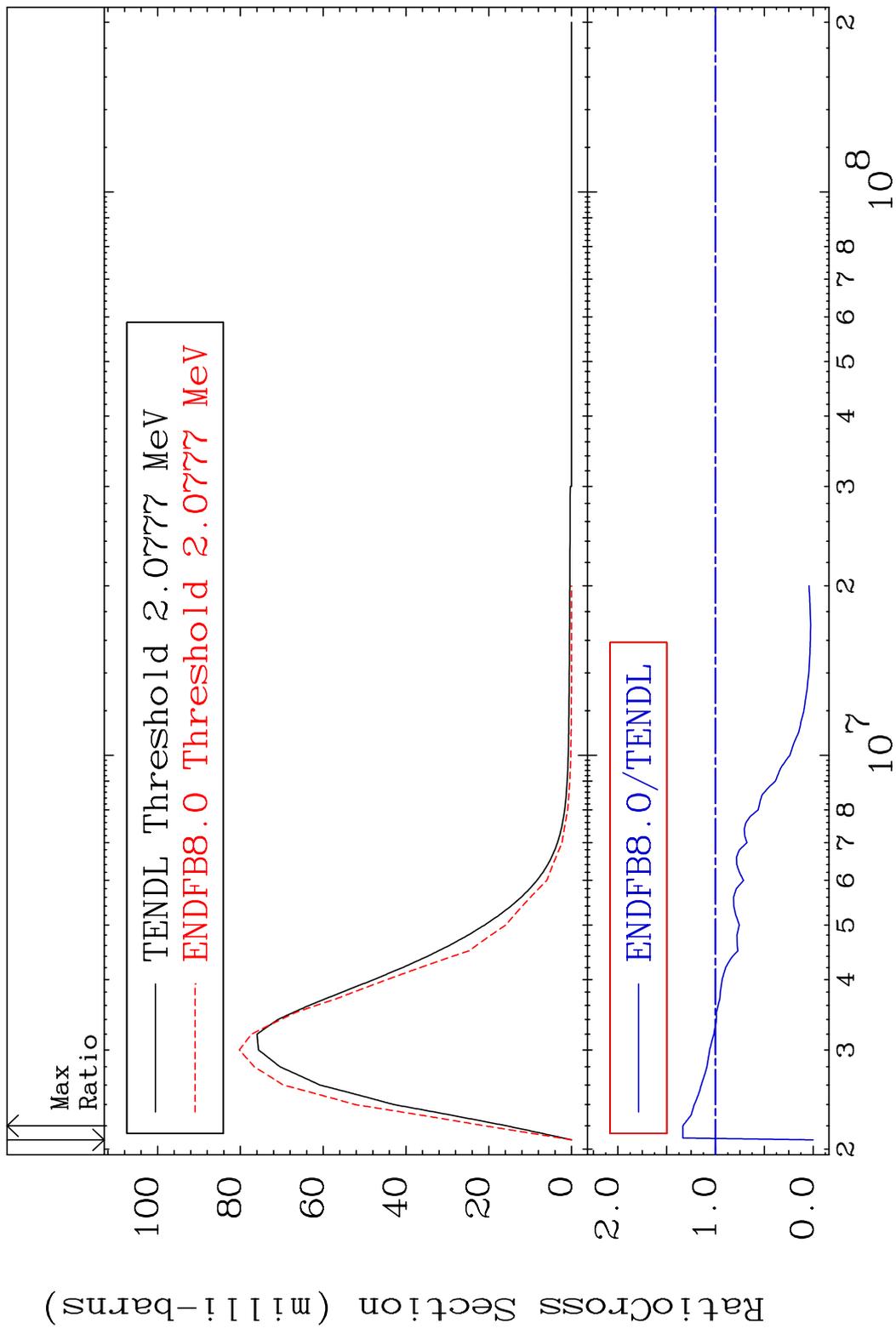
MAT 3231 MT= 54 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 50.74 %



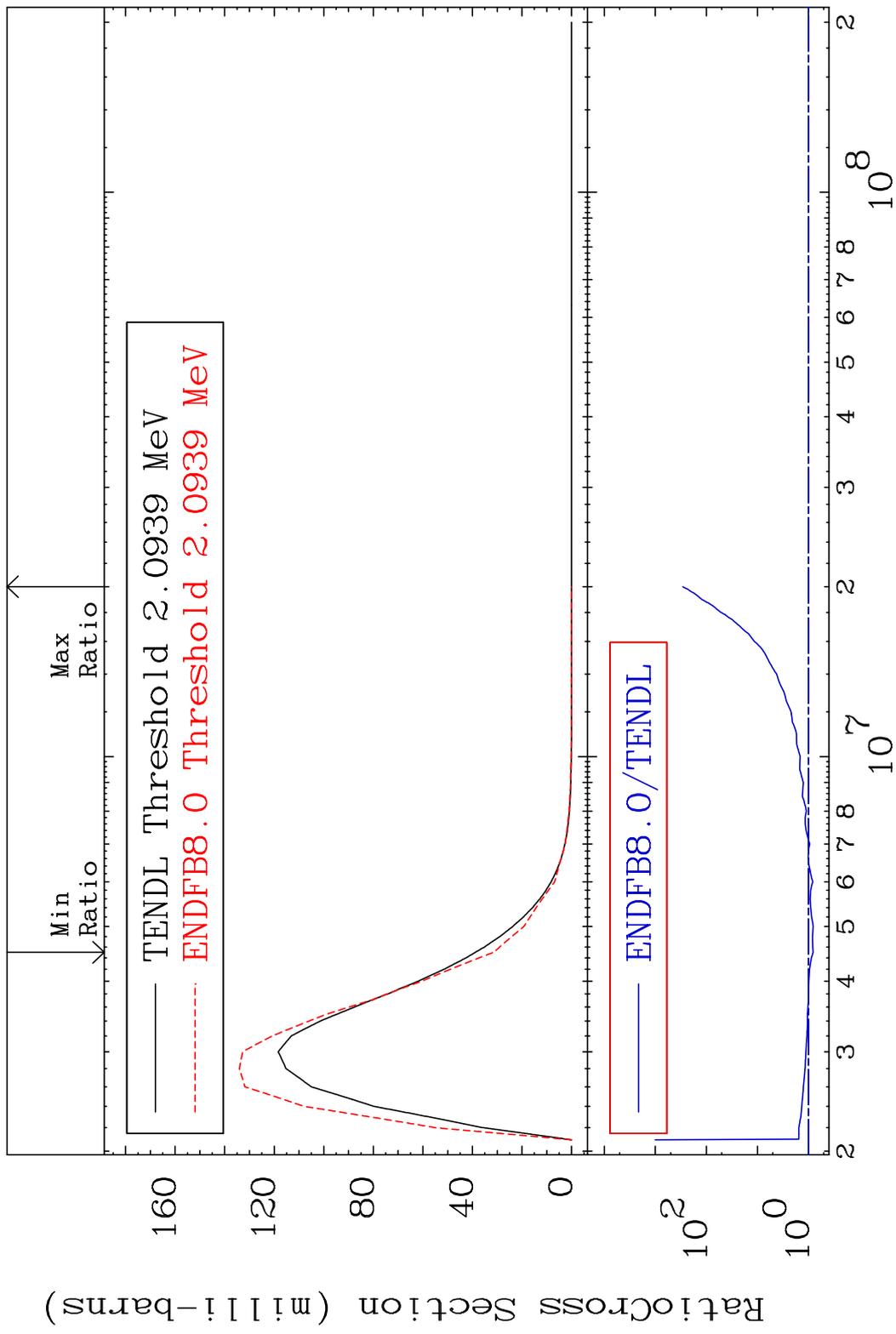
MAT 3231 MT= 55 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 19.12 %



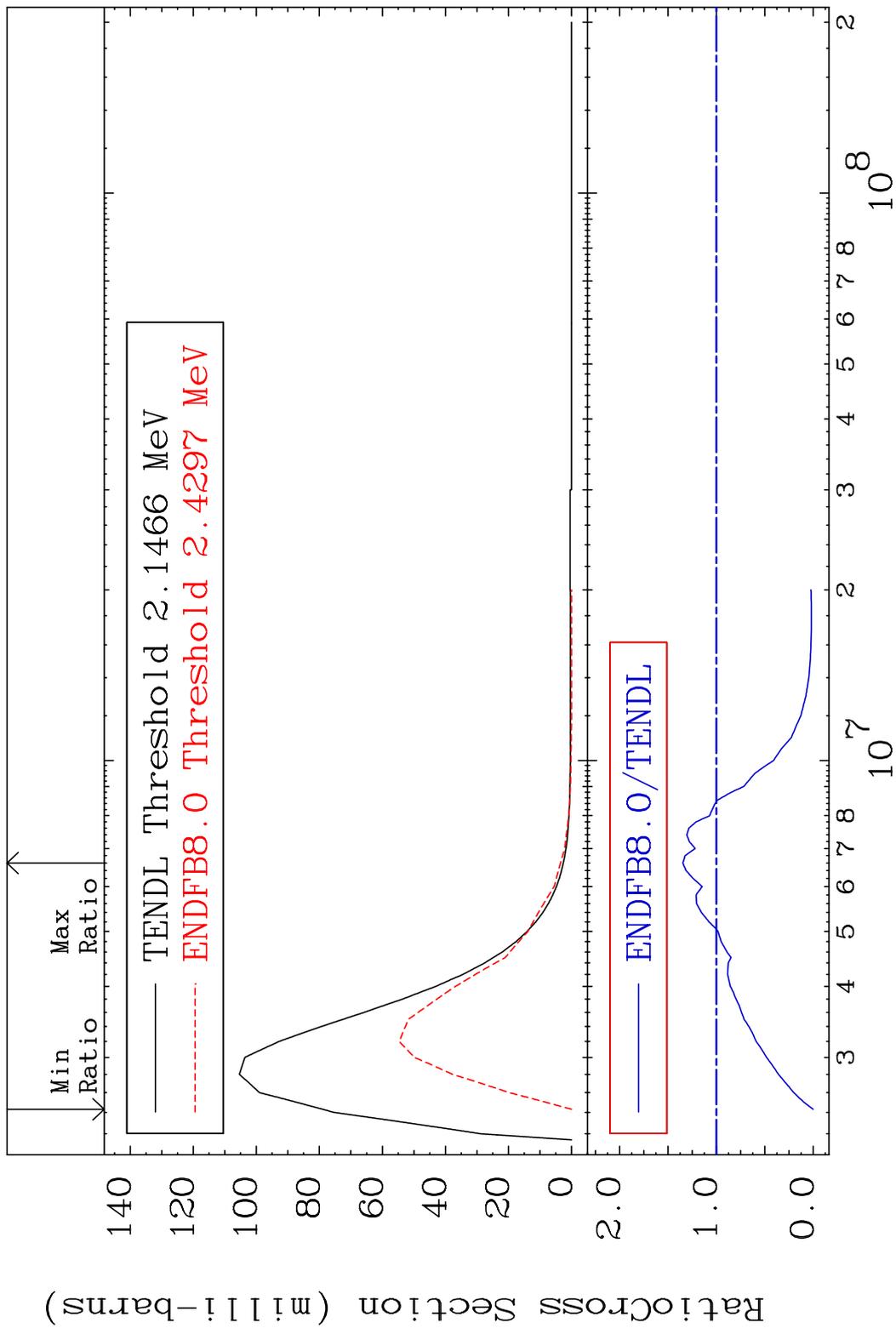
MAT 3231 MT= 56 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 33.48 %



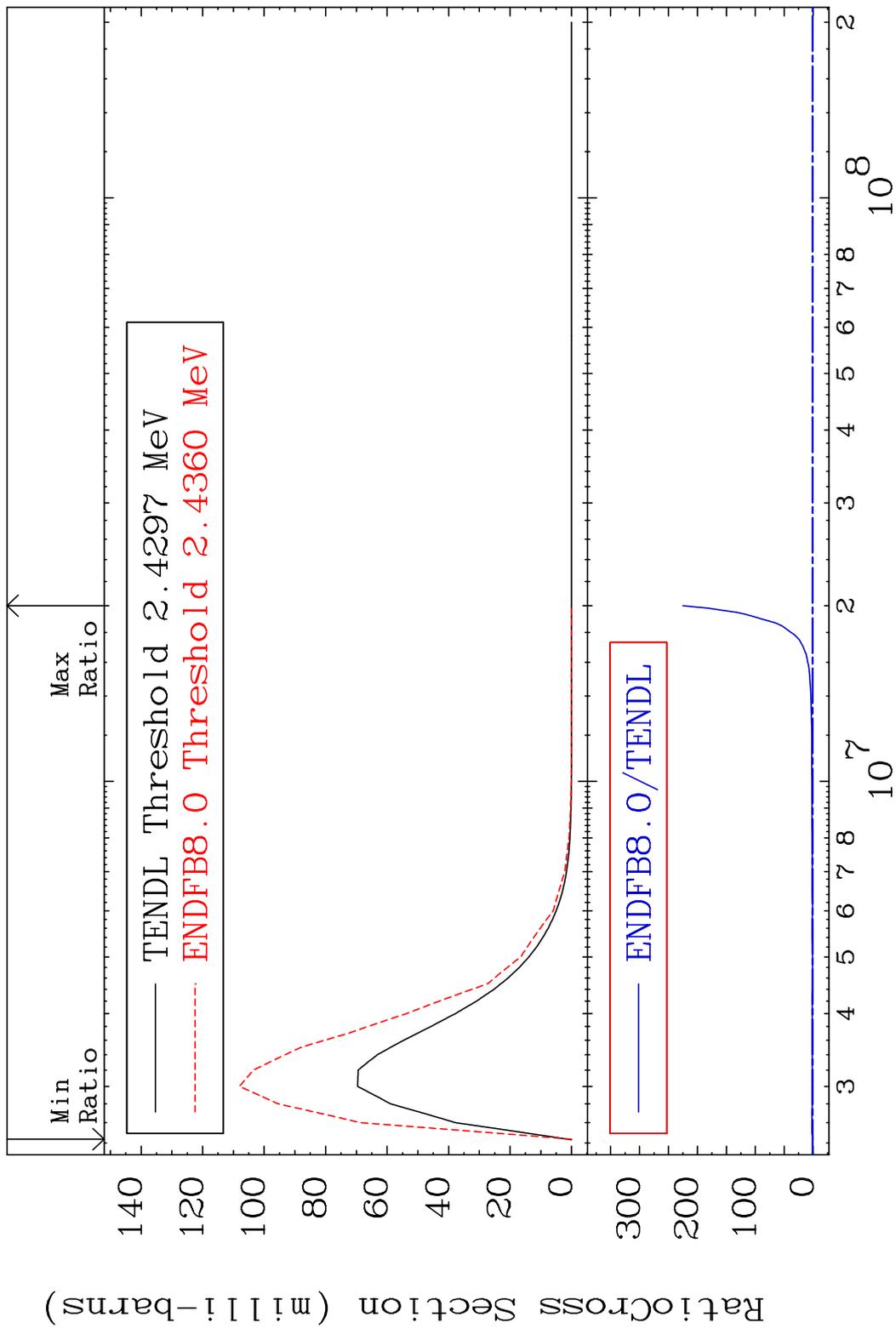
MAT 3231 MT= 57 (n, n') Level 32-Ge-72
 Cross Section -19.12 To 9999. %



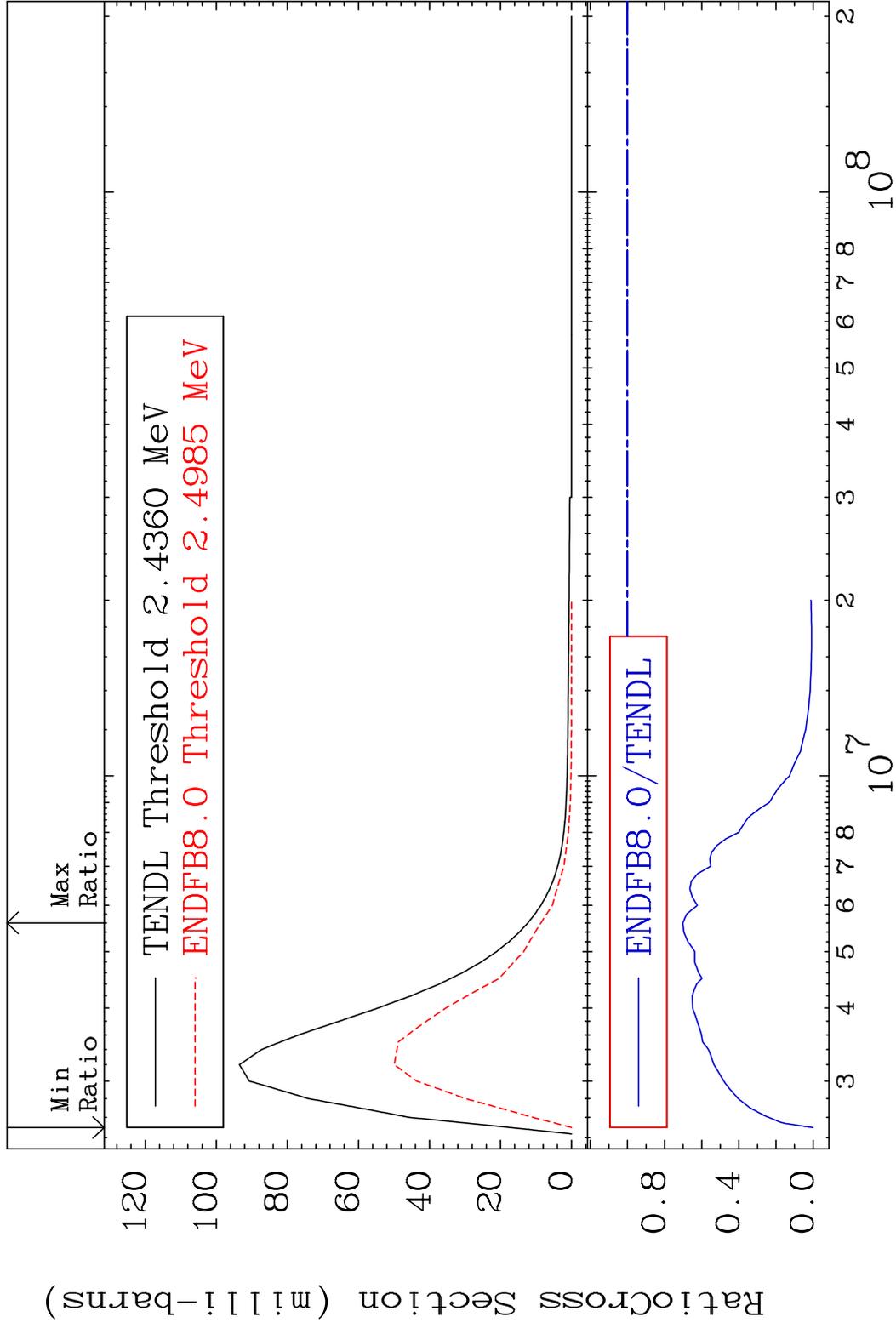
MAT 3231 MT= 58 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 34.66 %



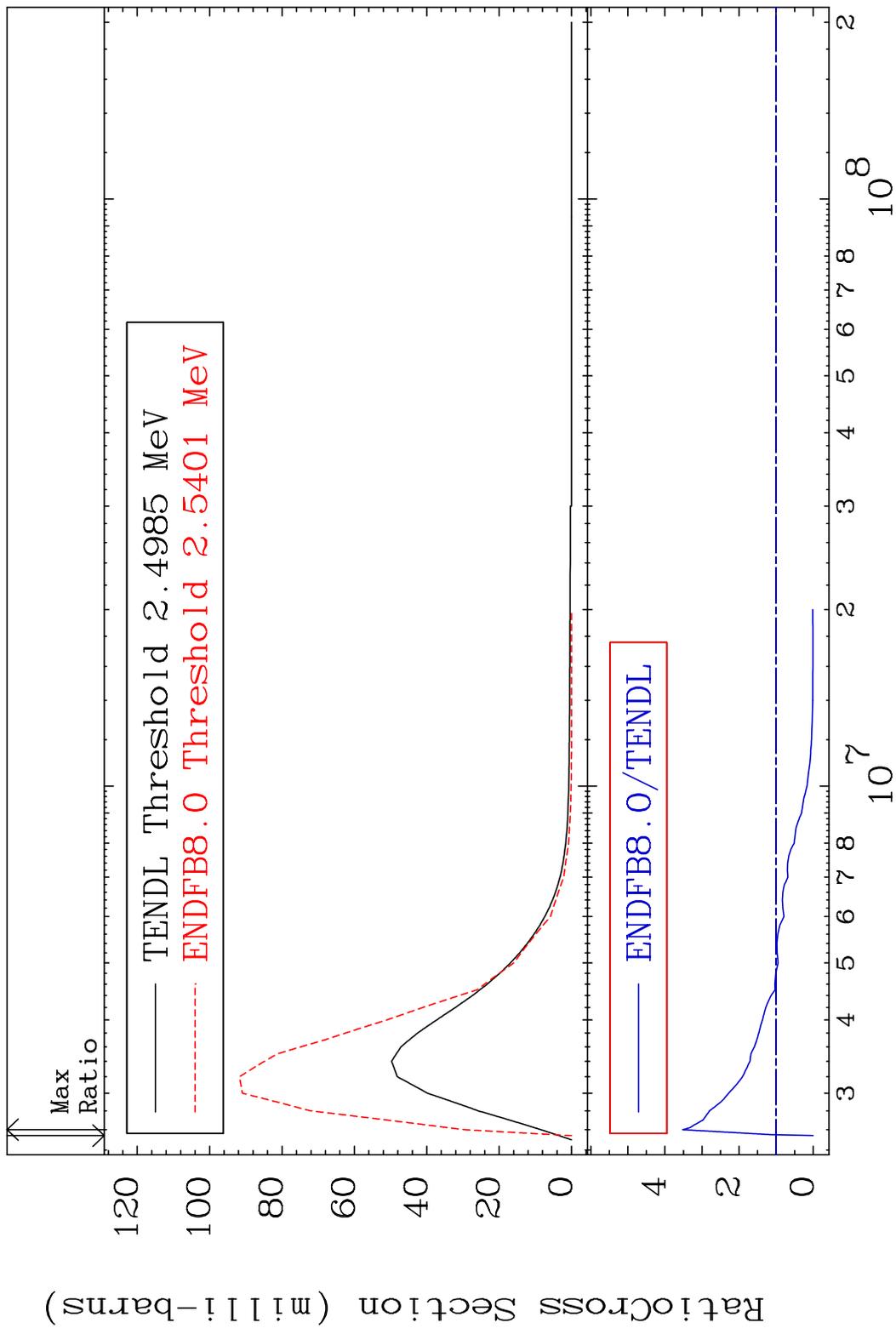
MAT 3231 MT= 59 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 9999. %



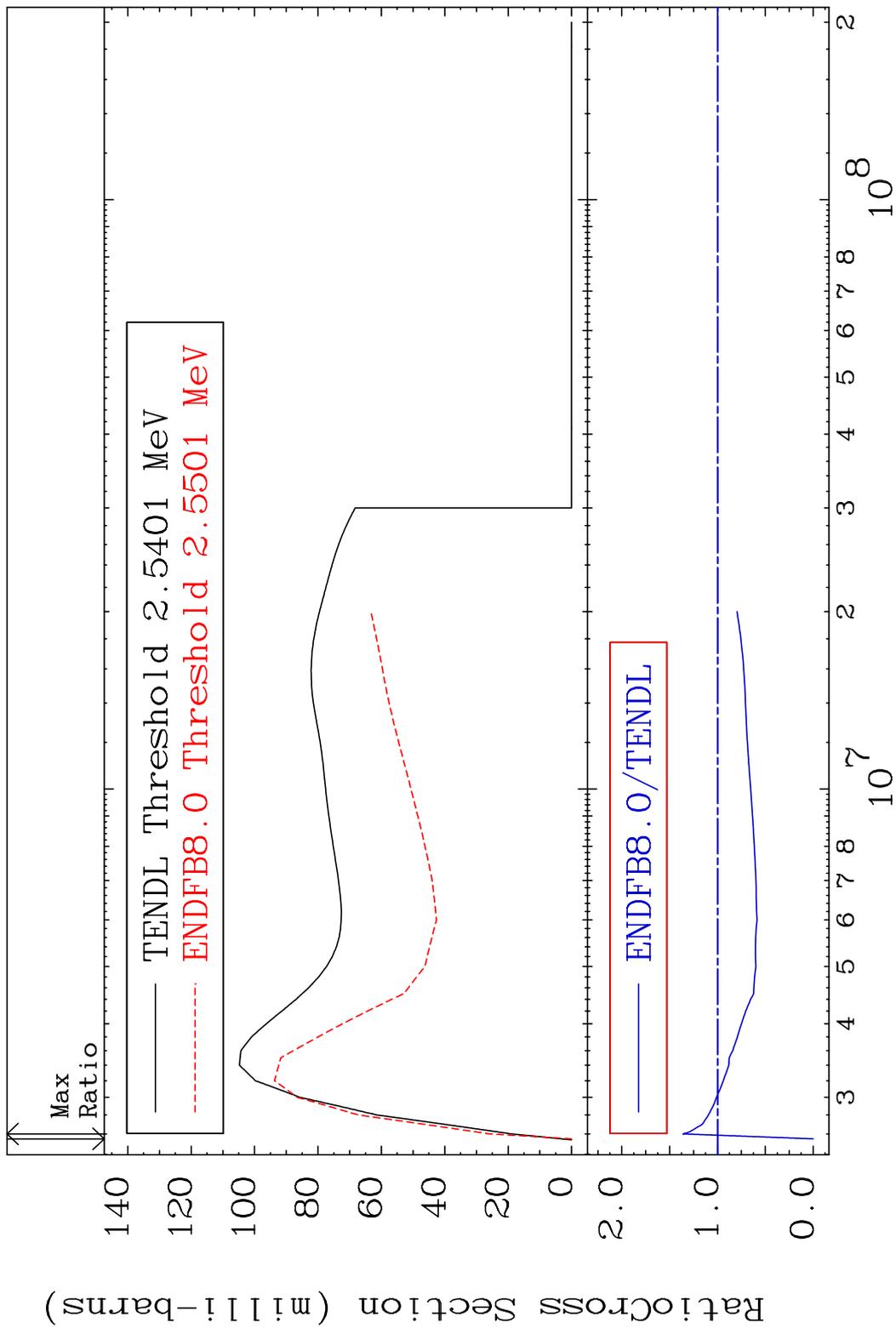
MAT 3231 MT= 60 (n,n') Level 32-Ge-72
 Cross Section -100.0 To -29.83%



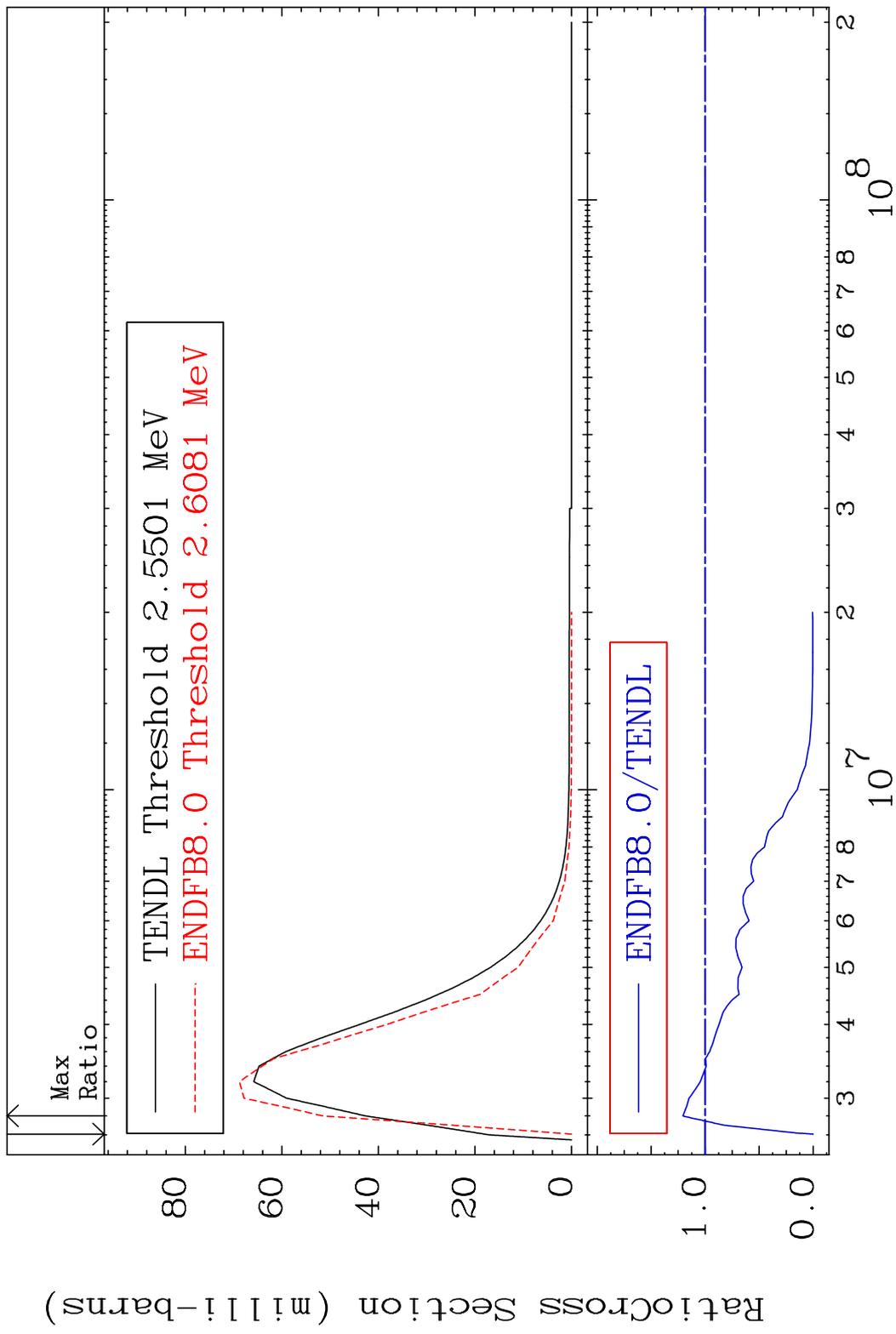
MAT 3231 MT= 61 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 251.7 %



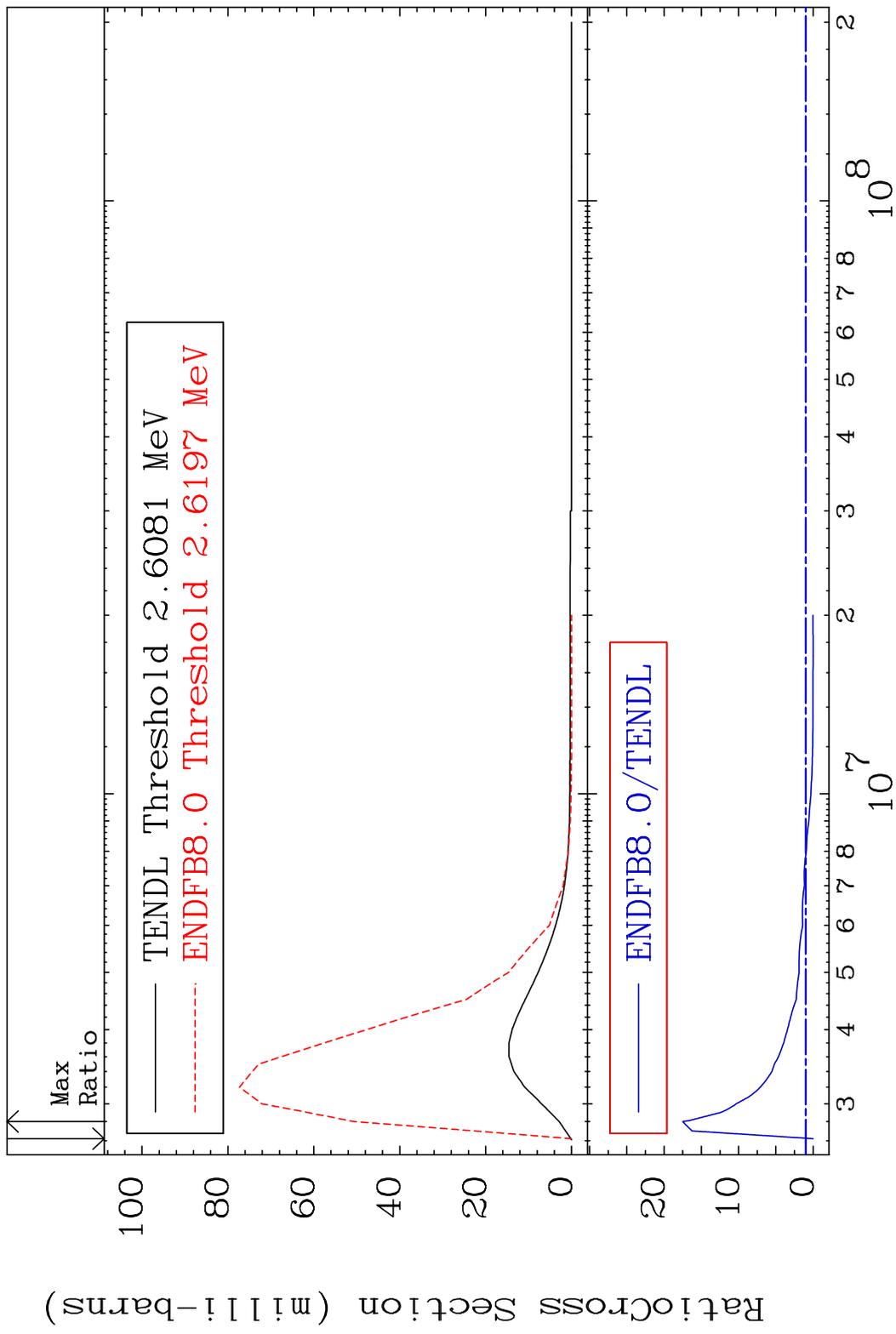
MAT 3231 MT= 62 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 36.21 %



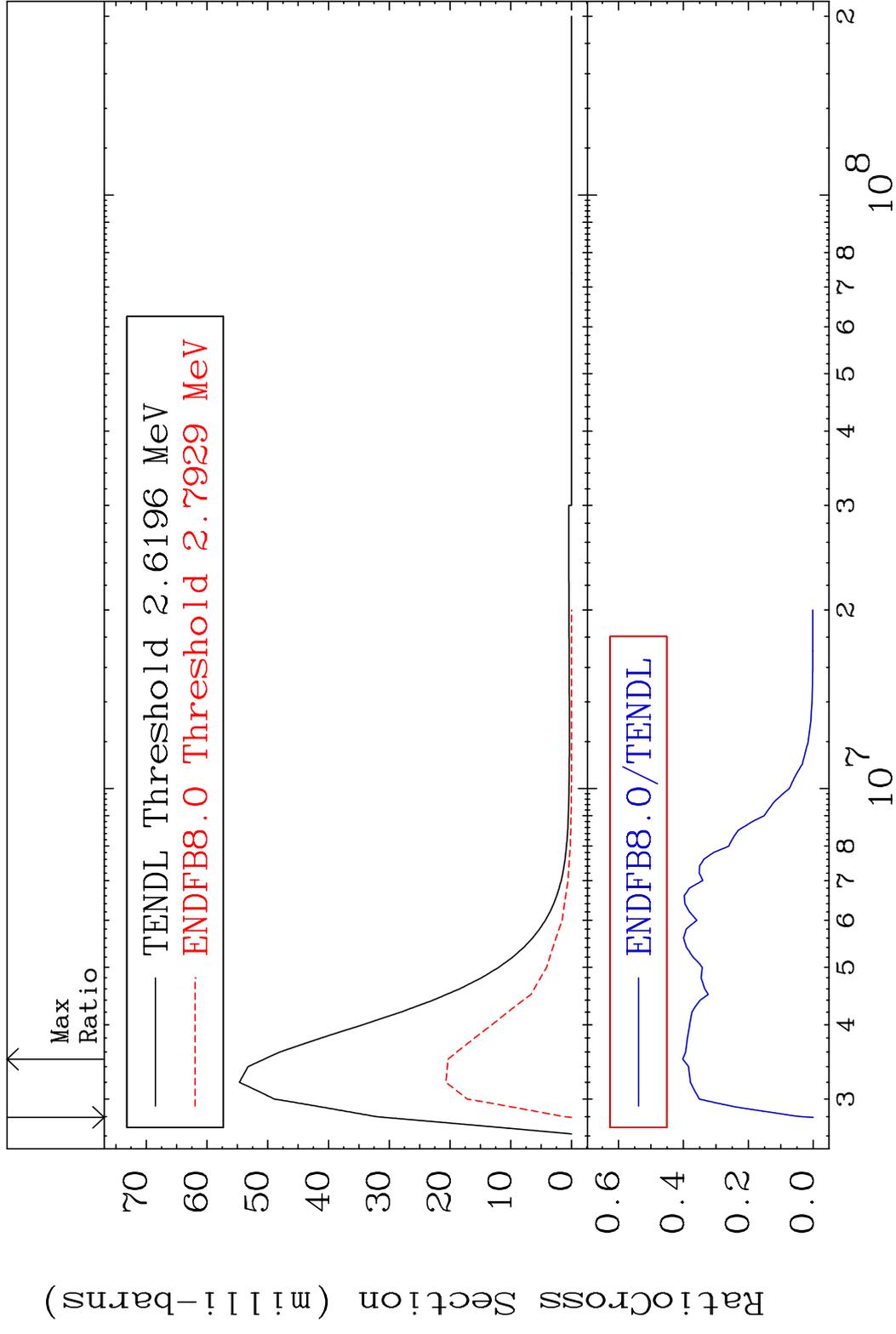
MAT 3231 MT= 63 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 20.69 %



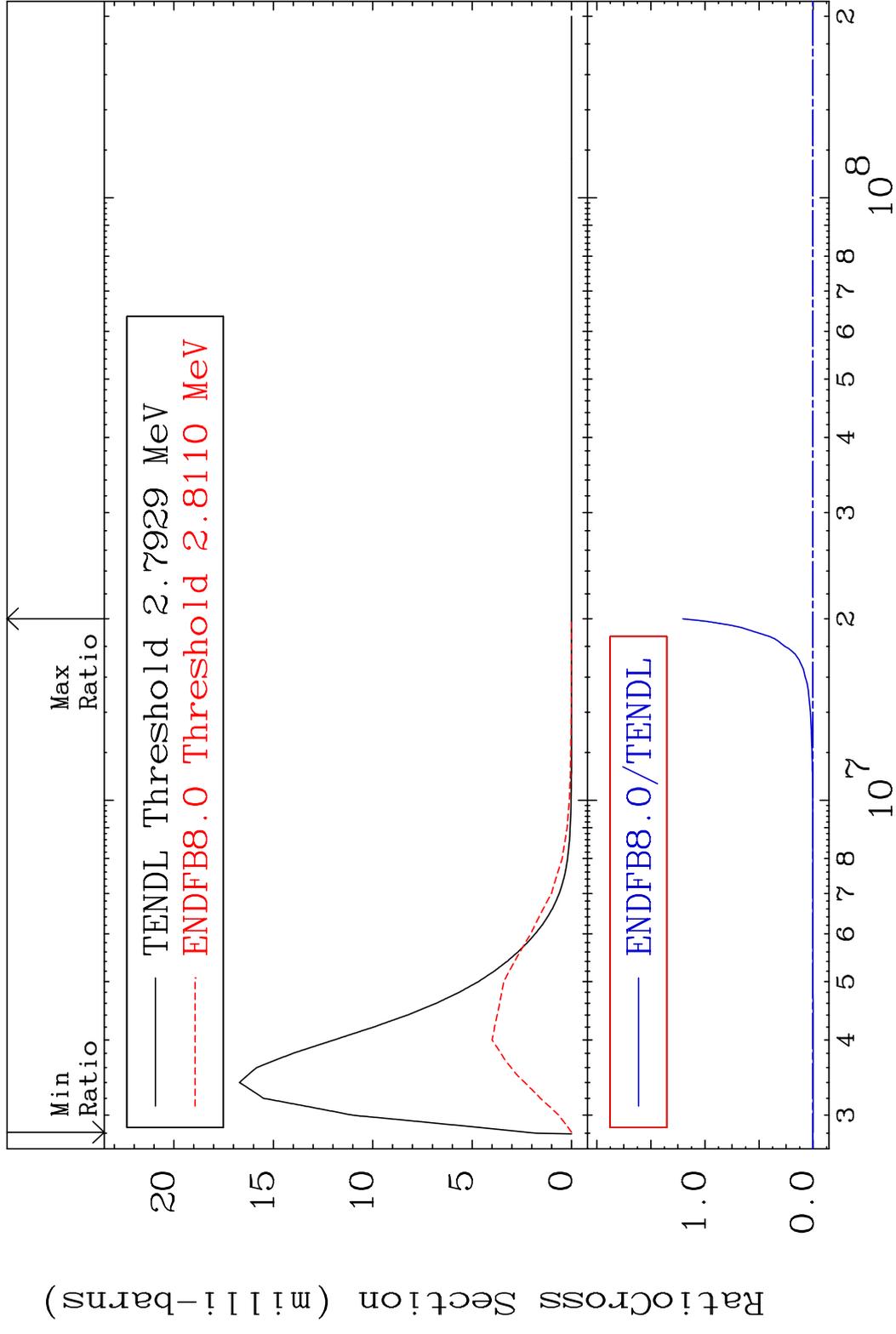
MAT 3231 MT= 64 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 1648. %



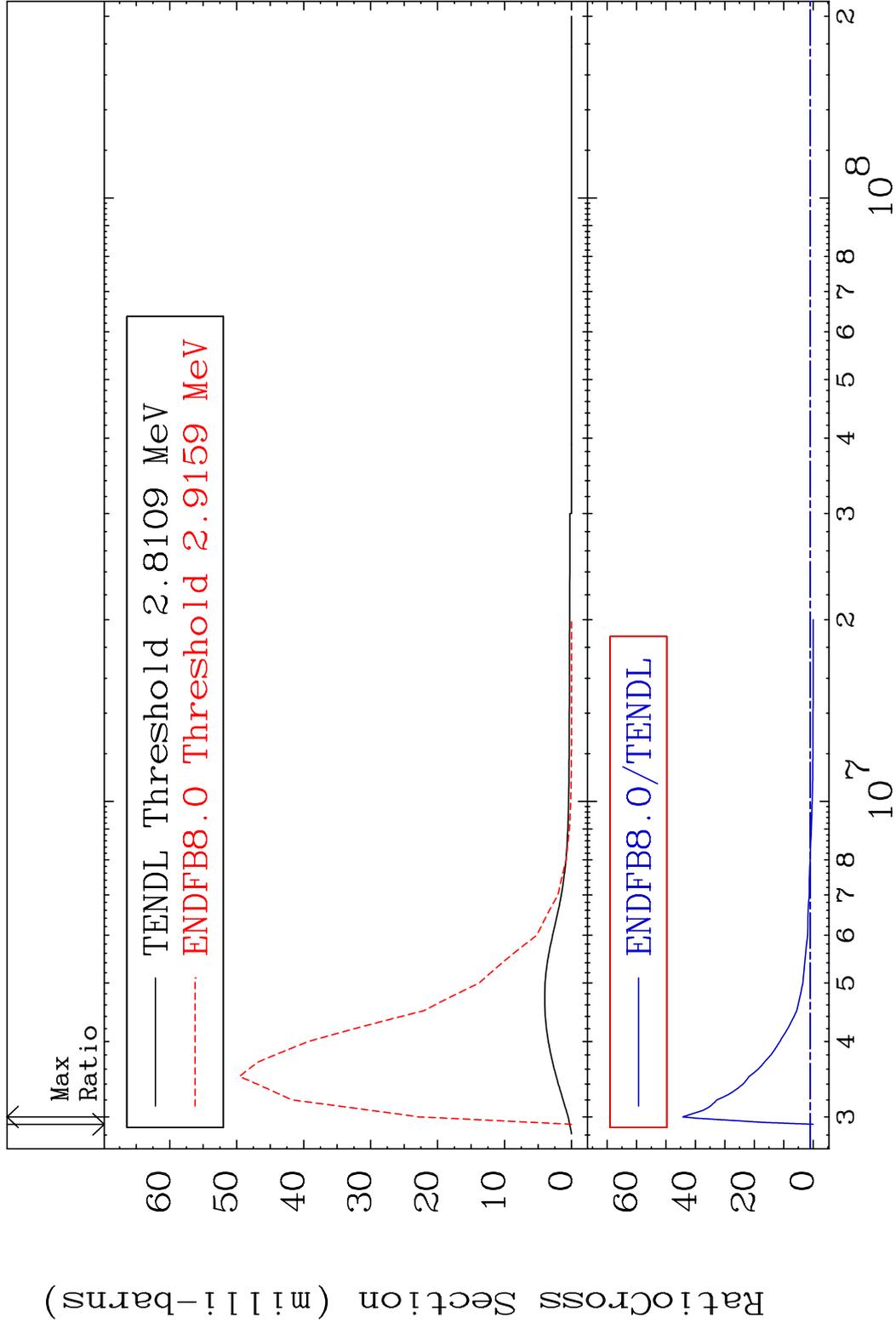
MAT 3231 MT= 65 (n, n') Level 32-Ge-72
 Cross Section -100.0 To -59.81%



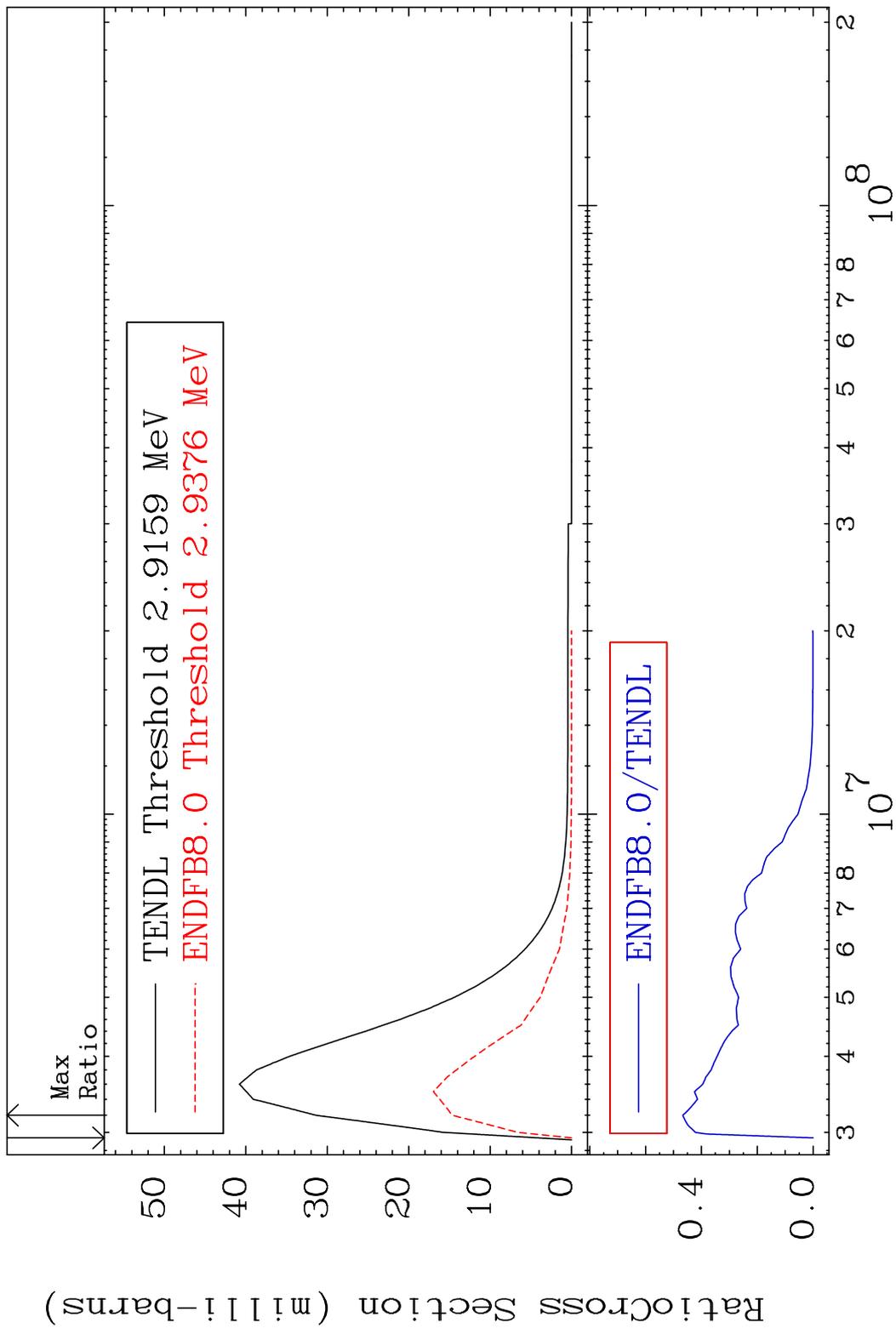
MAT 3231 MT= 66 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 9999. %



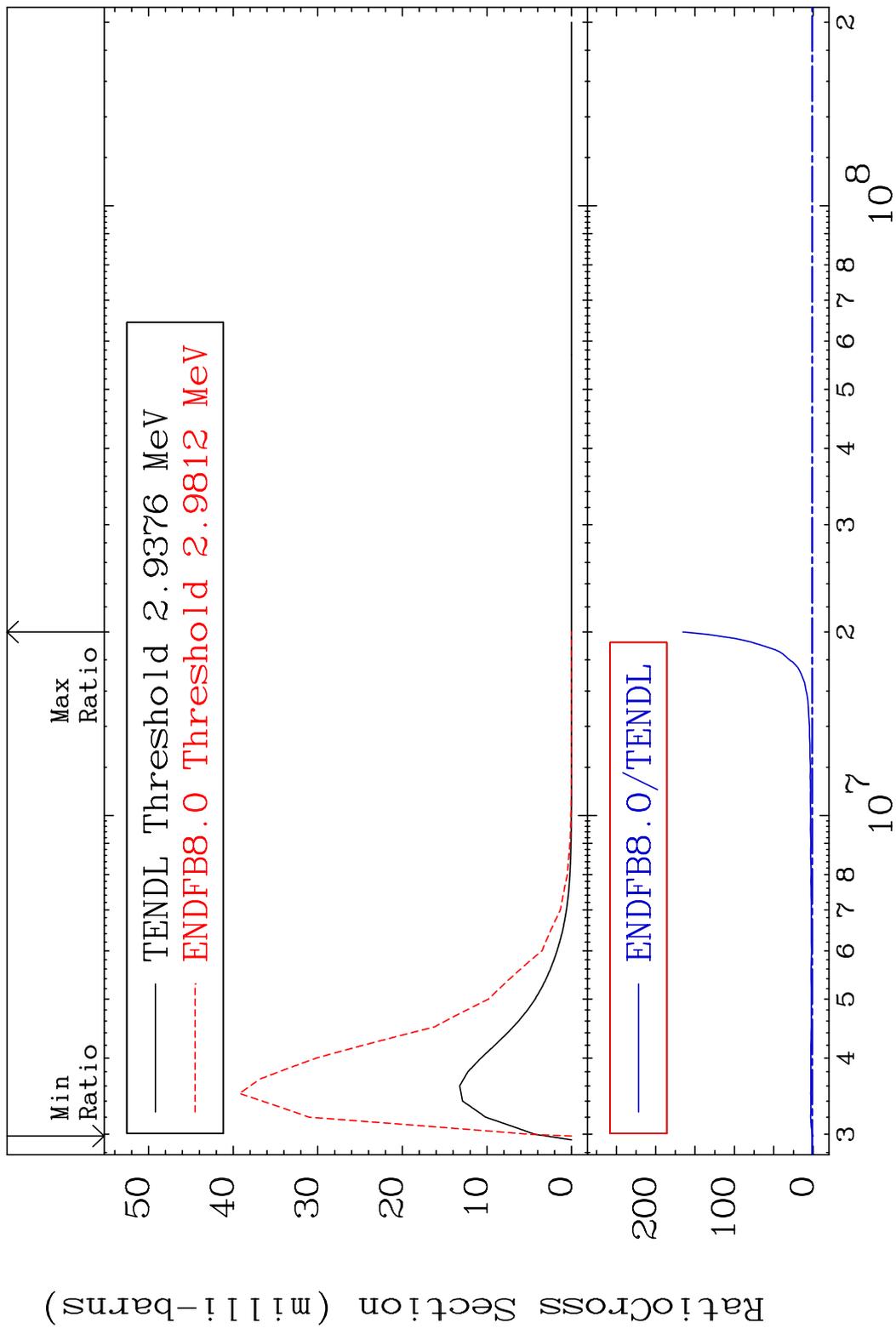
MAT 3231 MT= 67 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 4327. %



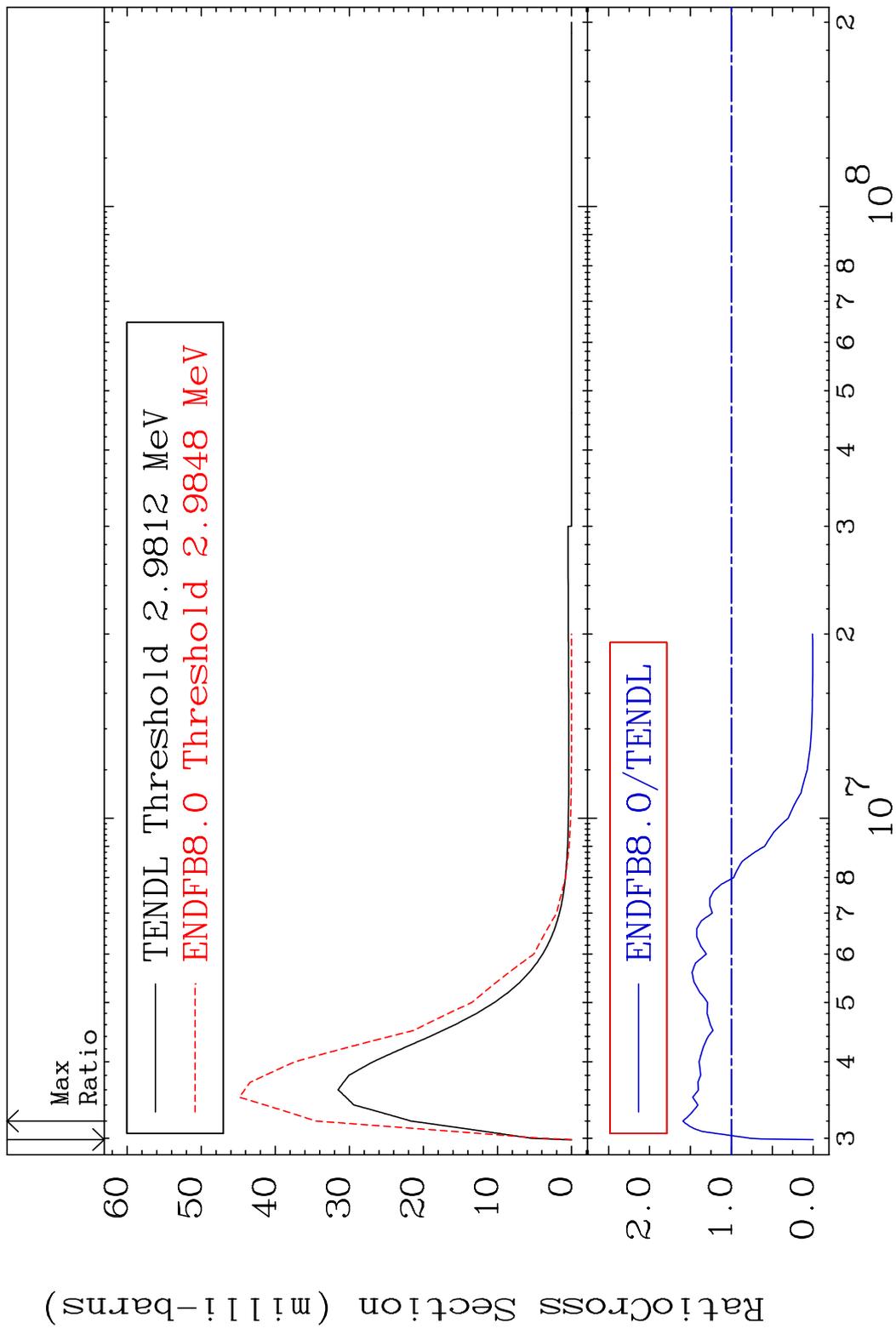
MAT 3231 MT= 68 (n,n') Level 32-Ge-72
 Cross Section -100.0 To -53.35%



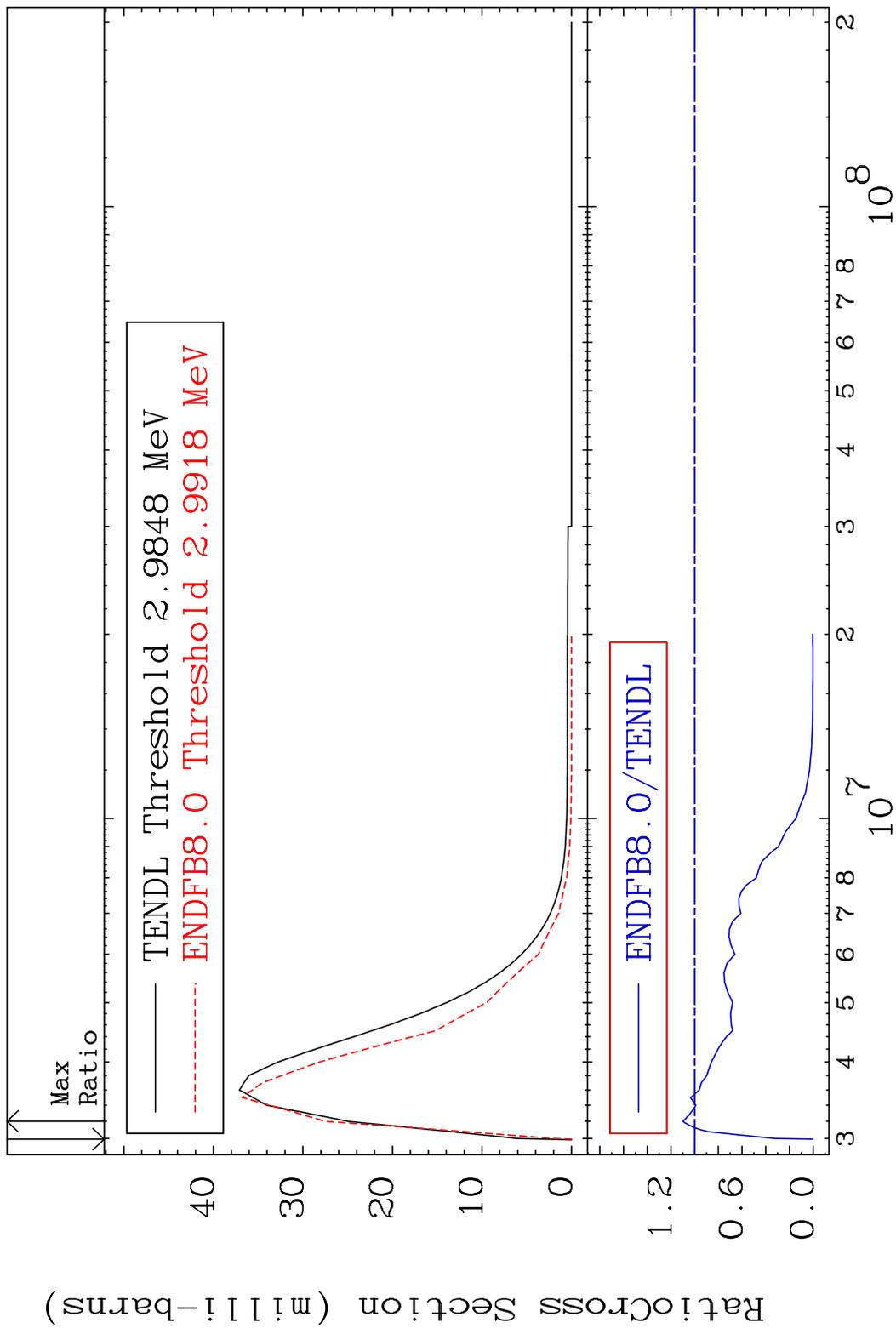
MAT 3231 MT= 69 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 9999. %



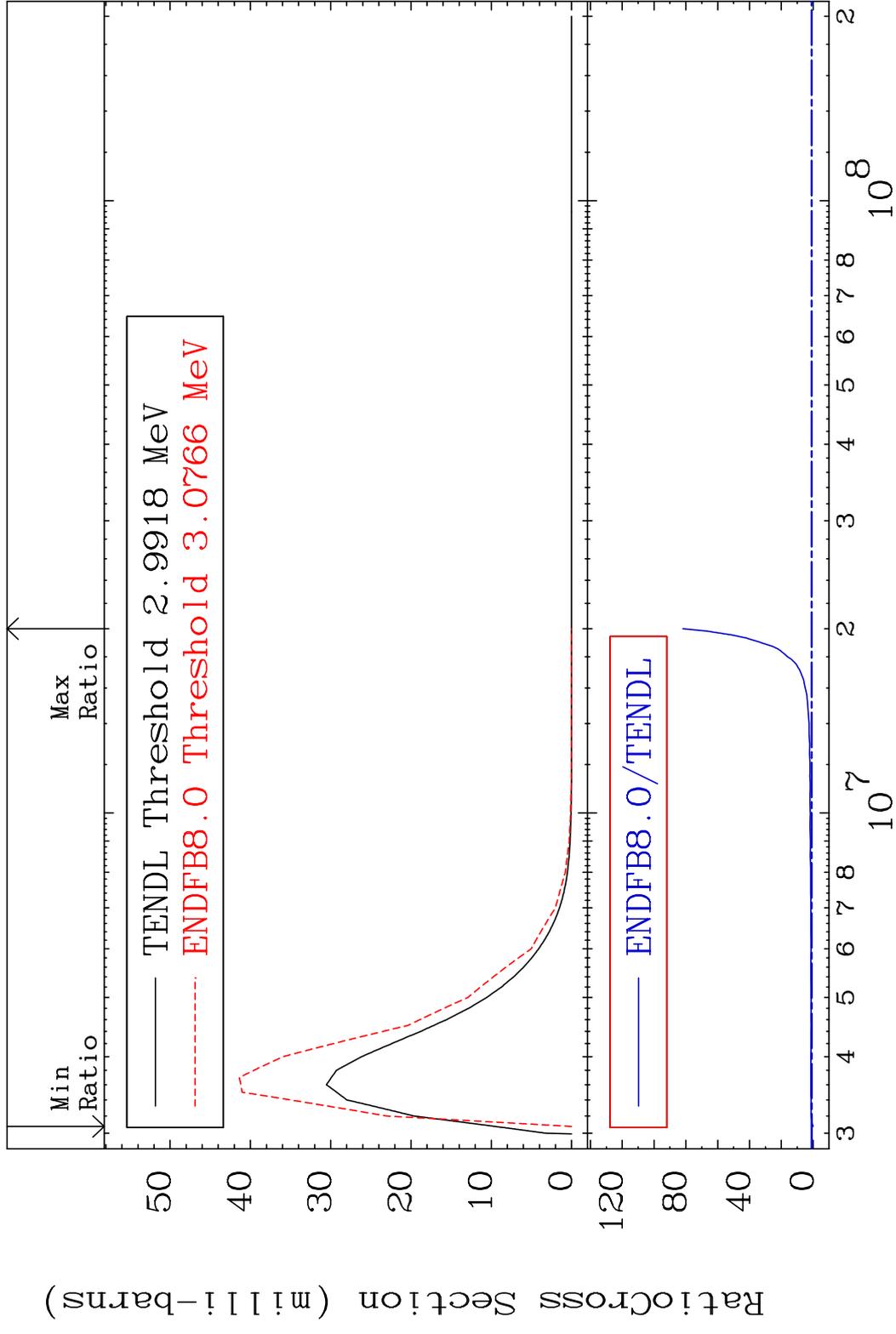
MAT 3231 MT= 70 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 59.34 %



MAT 3231 MT= 71 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 9.985 %

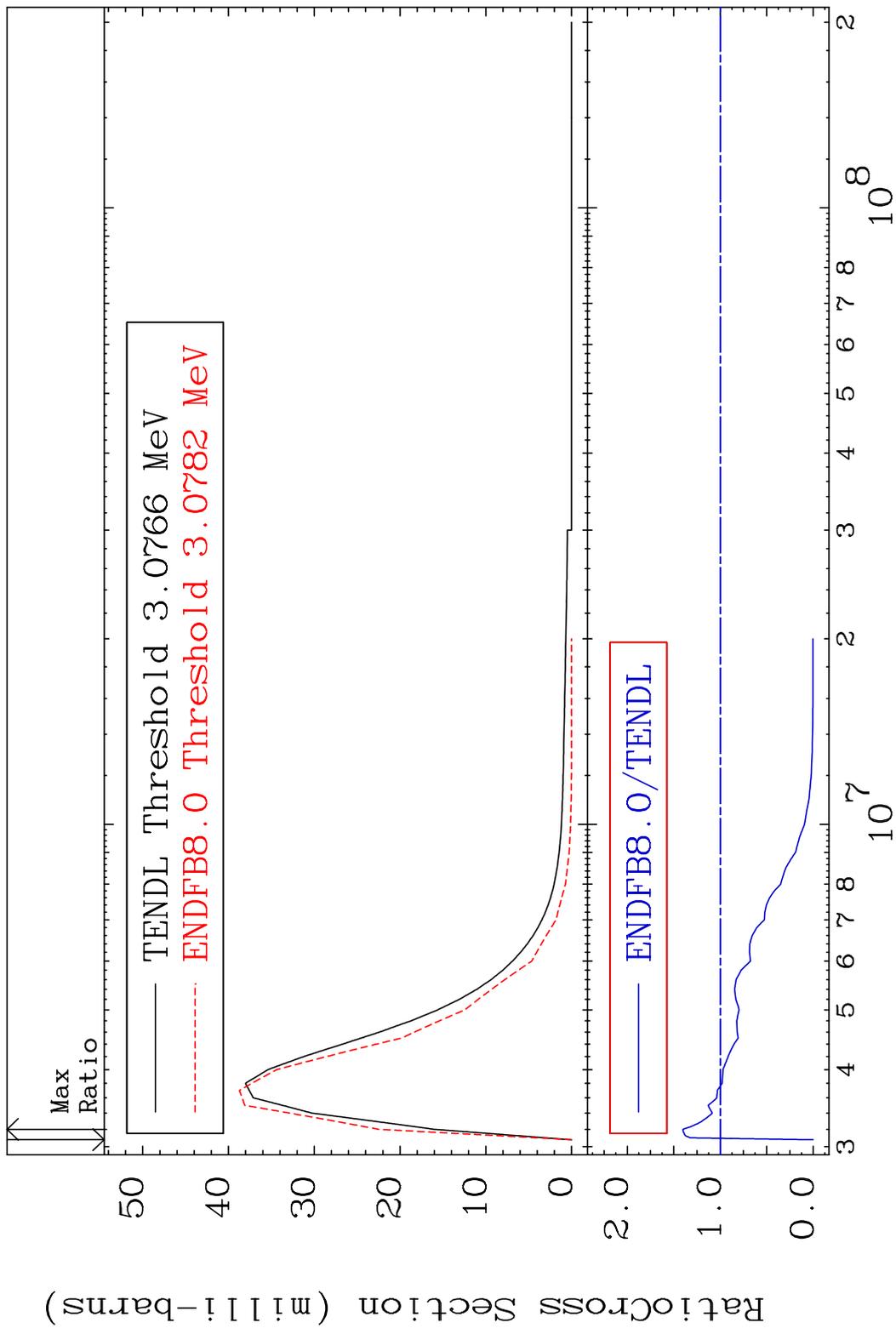


MAT 3231 MT= 72 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 8090. %

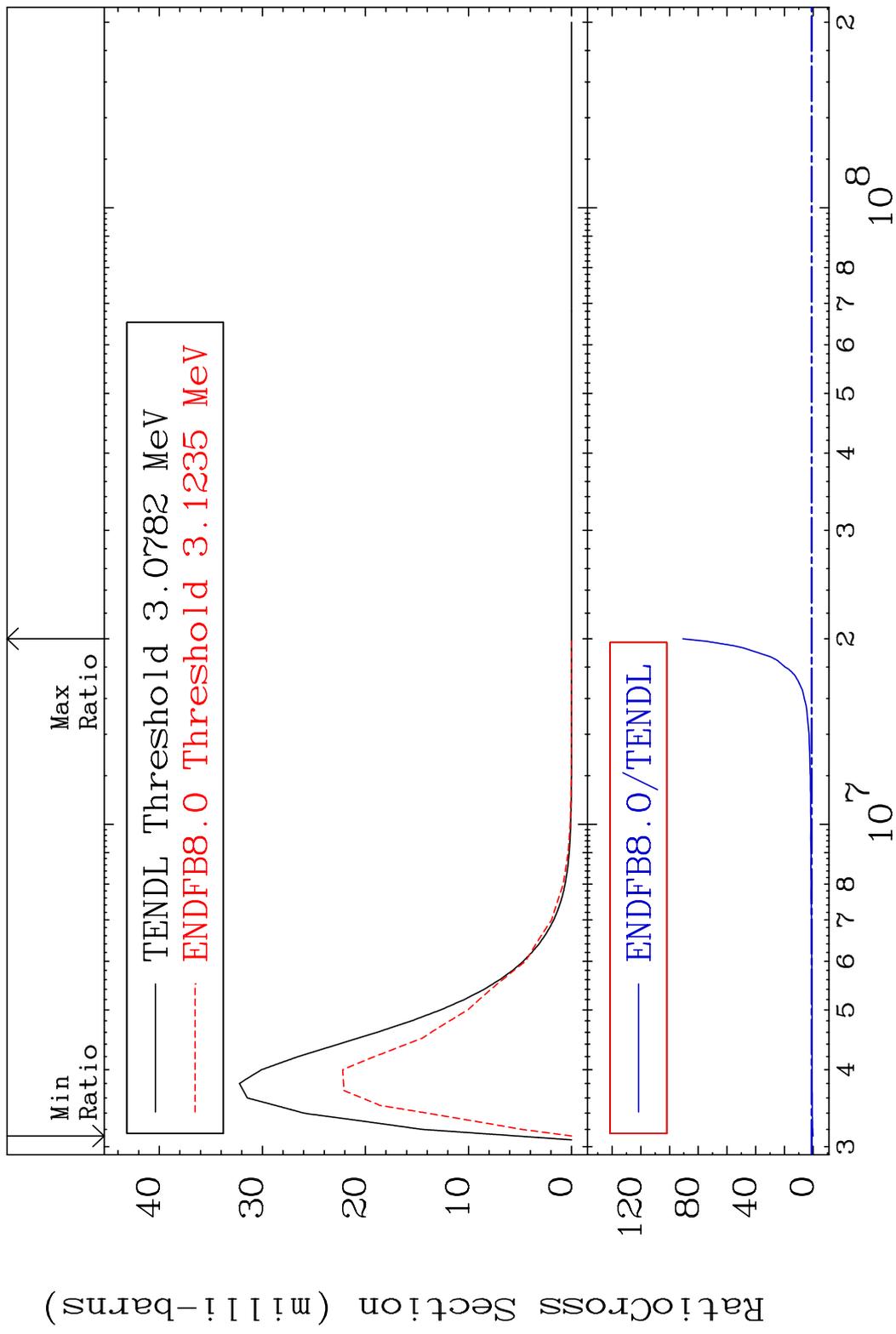


30 Incident Energy (eV) 32-Ge-72

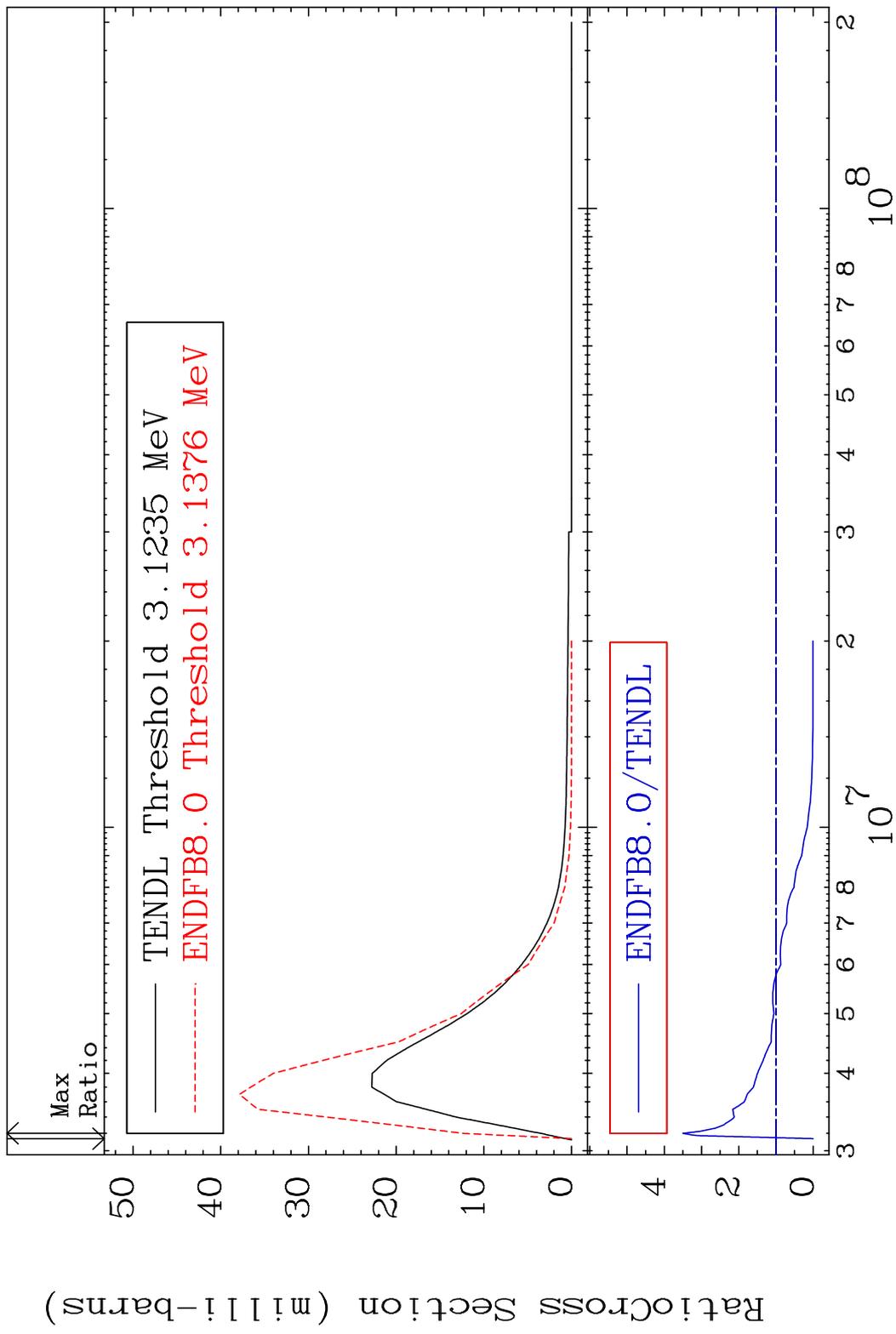
MAT 3231 MT= 73 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 40.25 %



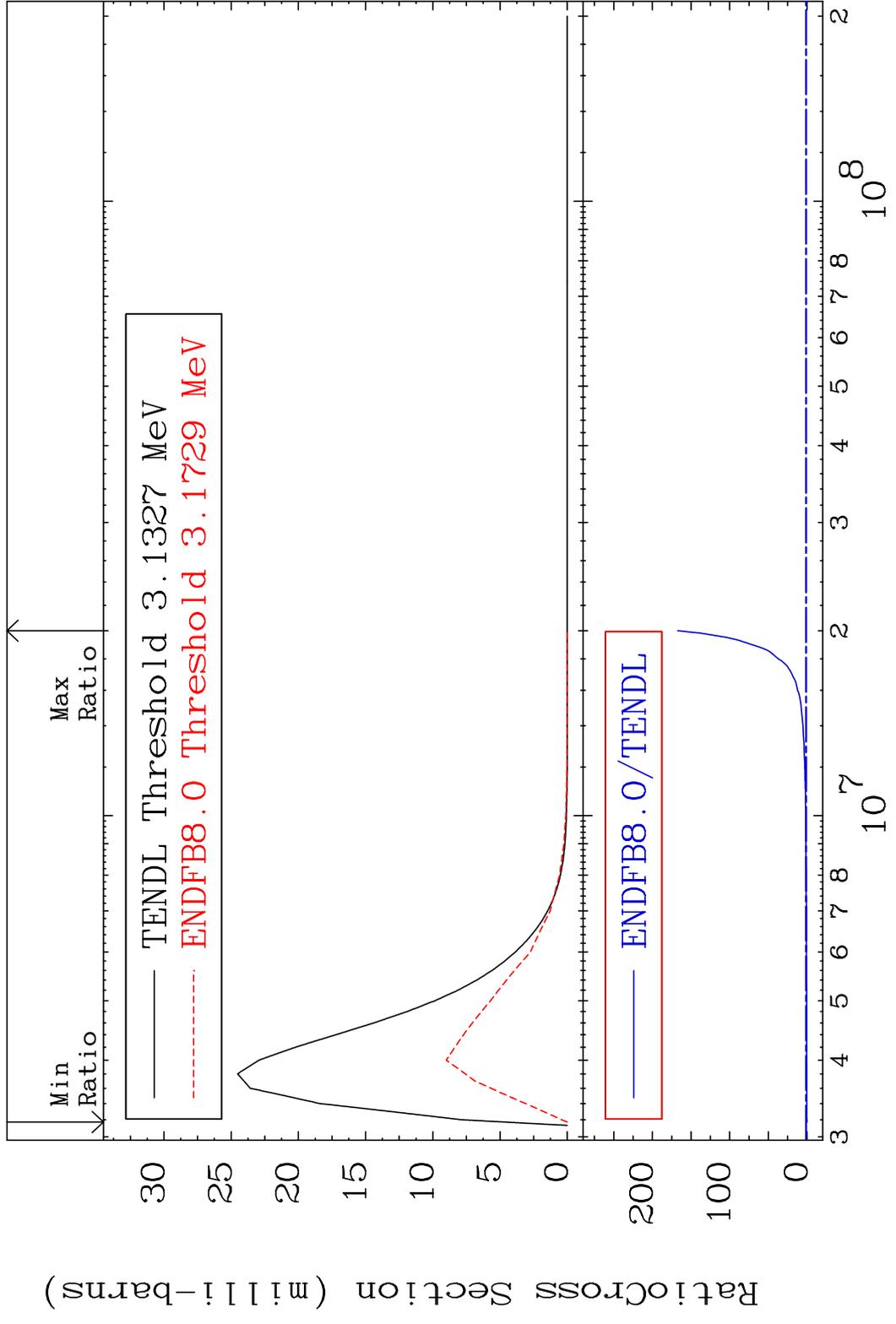
MAT 3231 MT= 74 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 8973. %



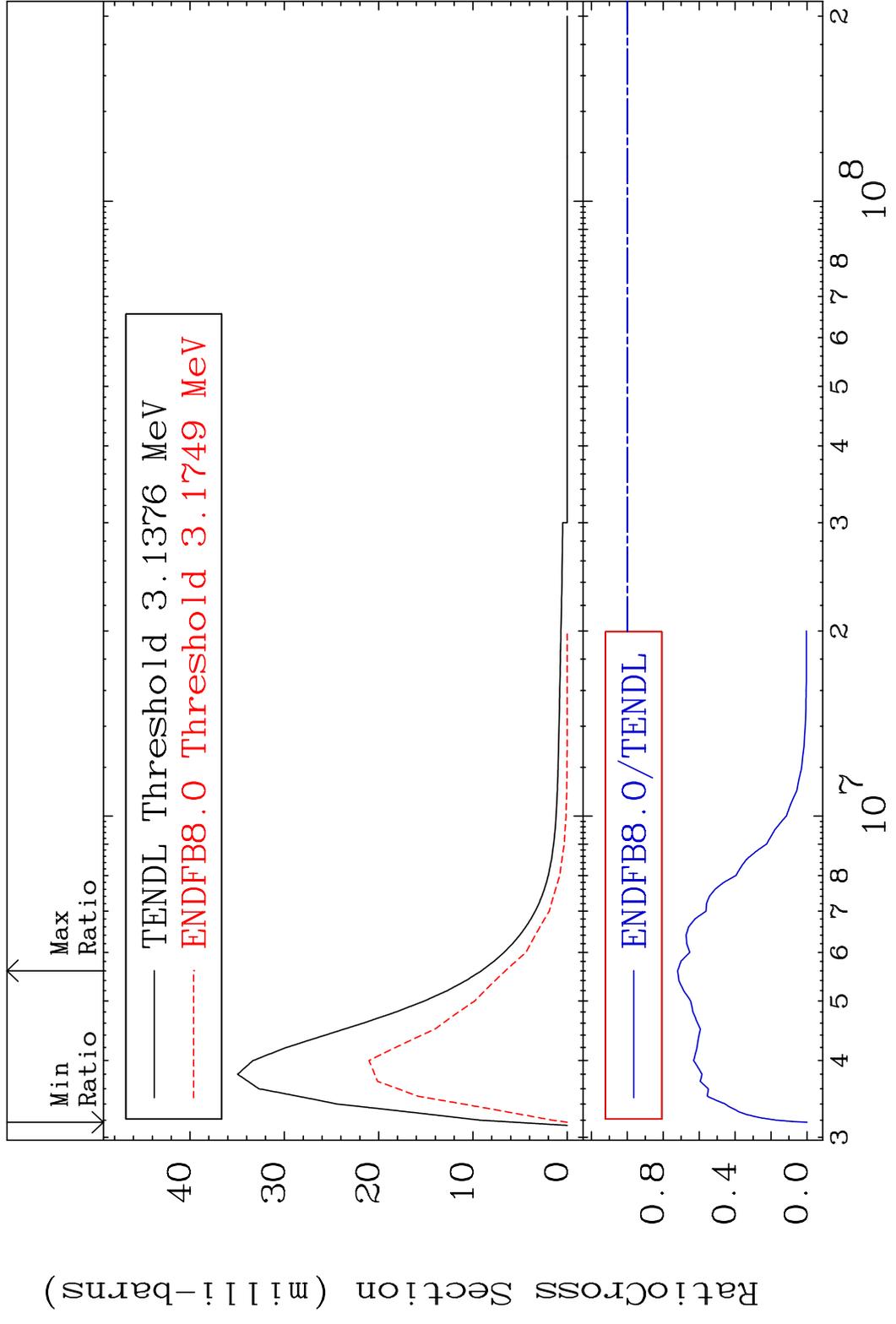
MAT 3231 MT= 75 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 250.1 %



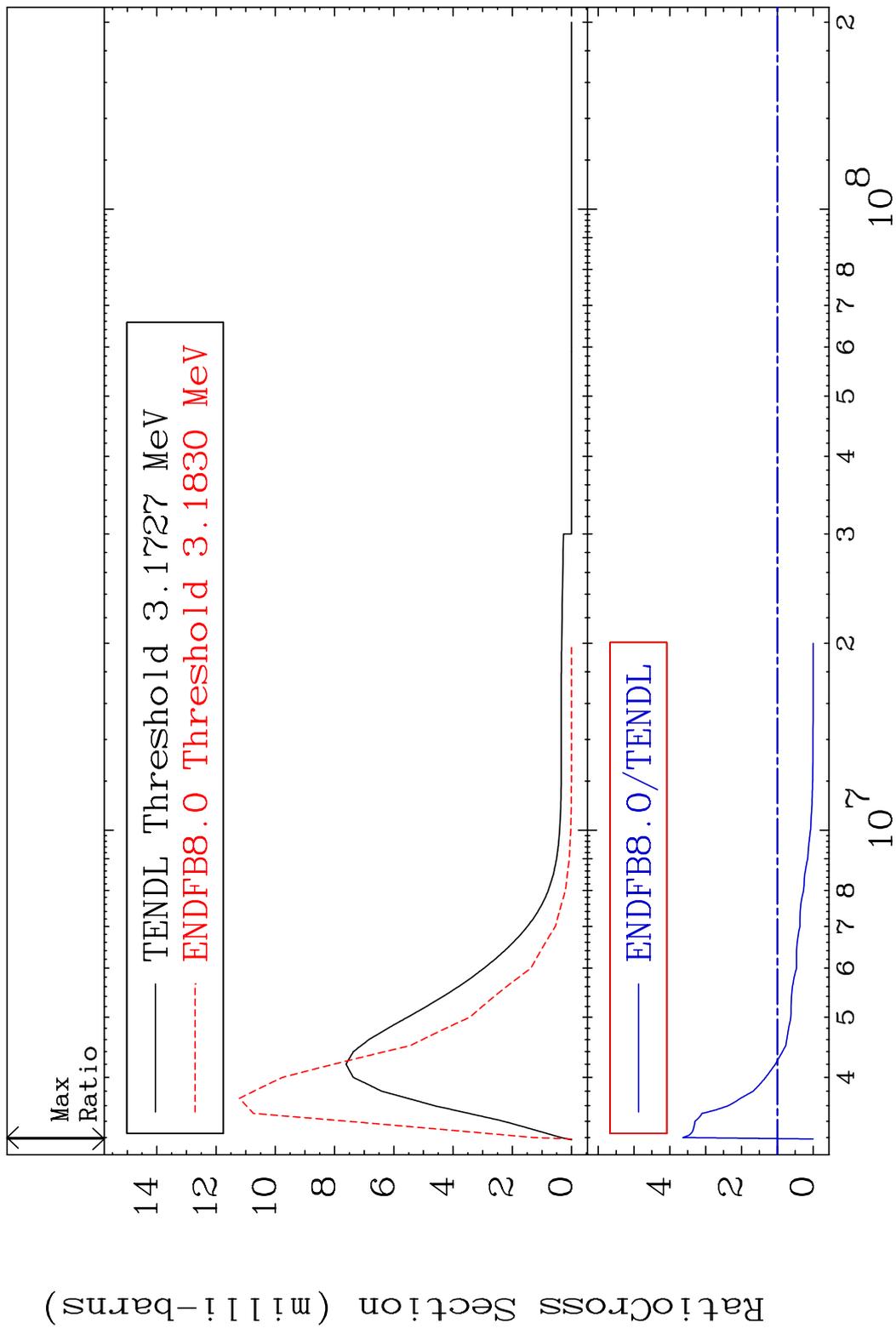
MAT 3231 MT= 76 (n, n') Level 32-Ge-72
 Cross Section -100.0 To 9999. %



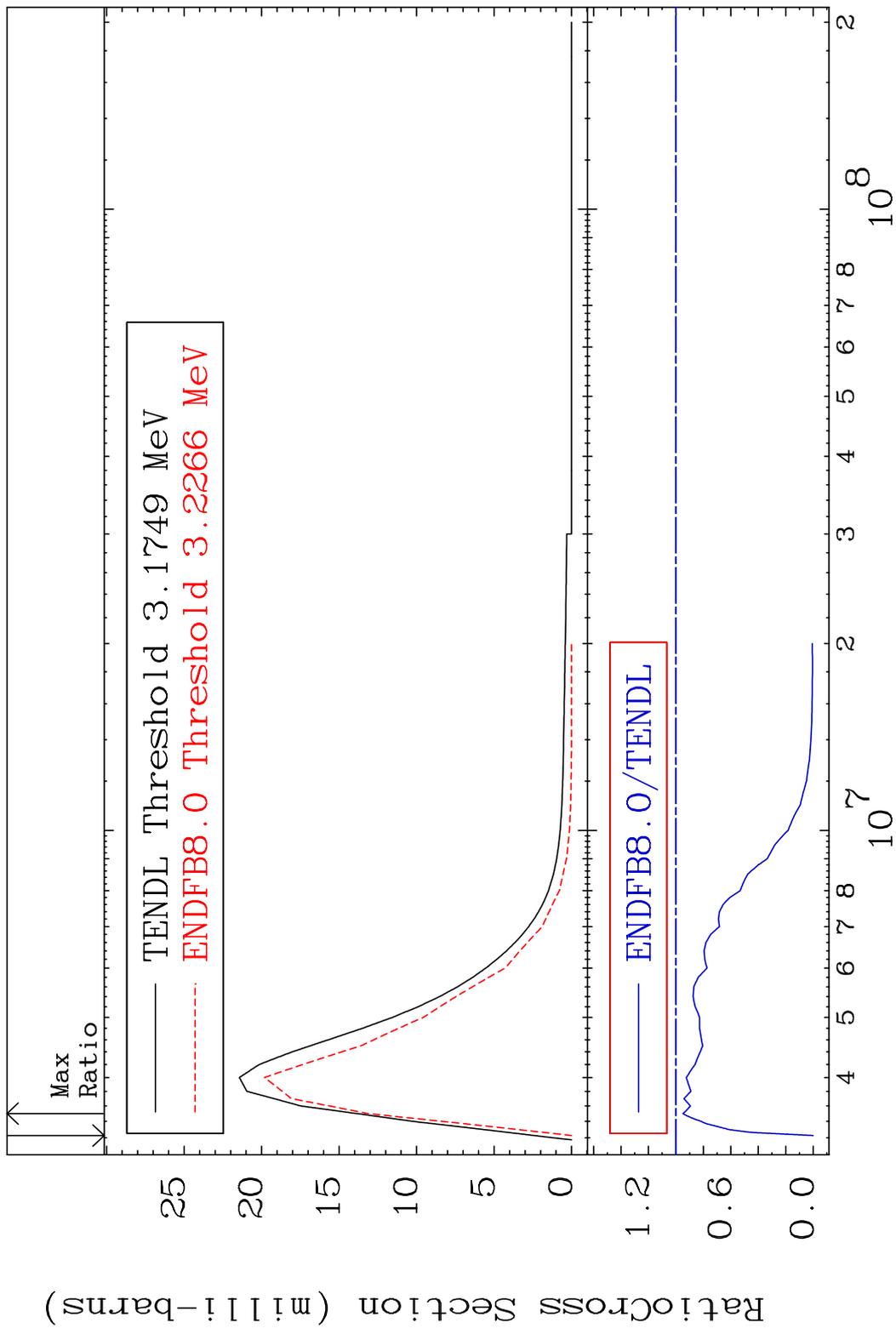
MAT 3231 MT= 77 (n,n') Level 32-Ge-72
 Cross Section -100.0 To -28.04%



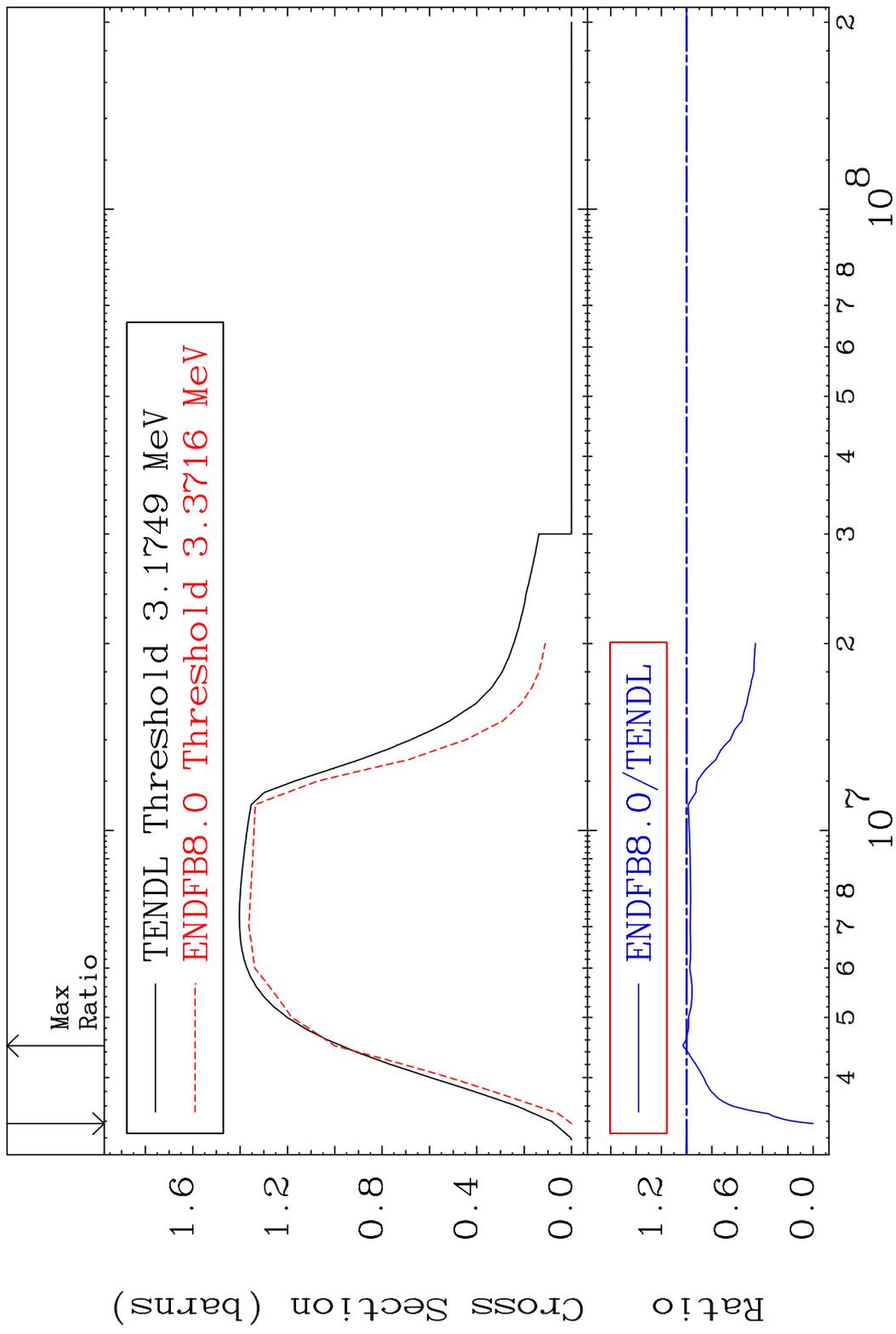
MAT 3231 MT= 78 (n,n') Level 32-Ge-72
 Cross Section -100.0 To 263.8 %



MAT 3231 MT= 79 (n,n') Level 32-Ge-72
 Cross Section -100.0 To -5.038%



MAT 3231 (n, n') Continuum 32-Ge-72
 Cross Section -100.0 To 2.999 %

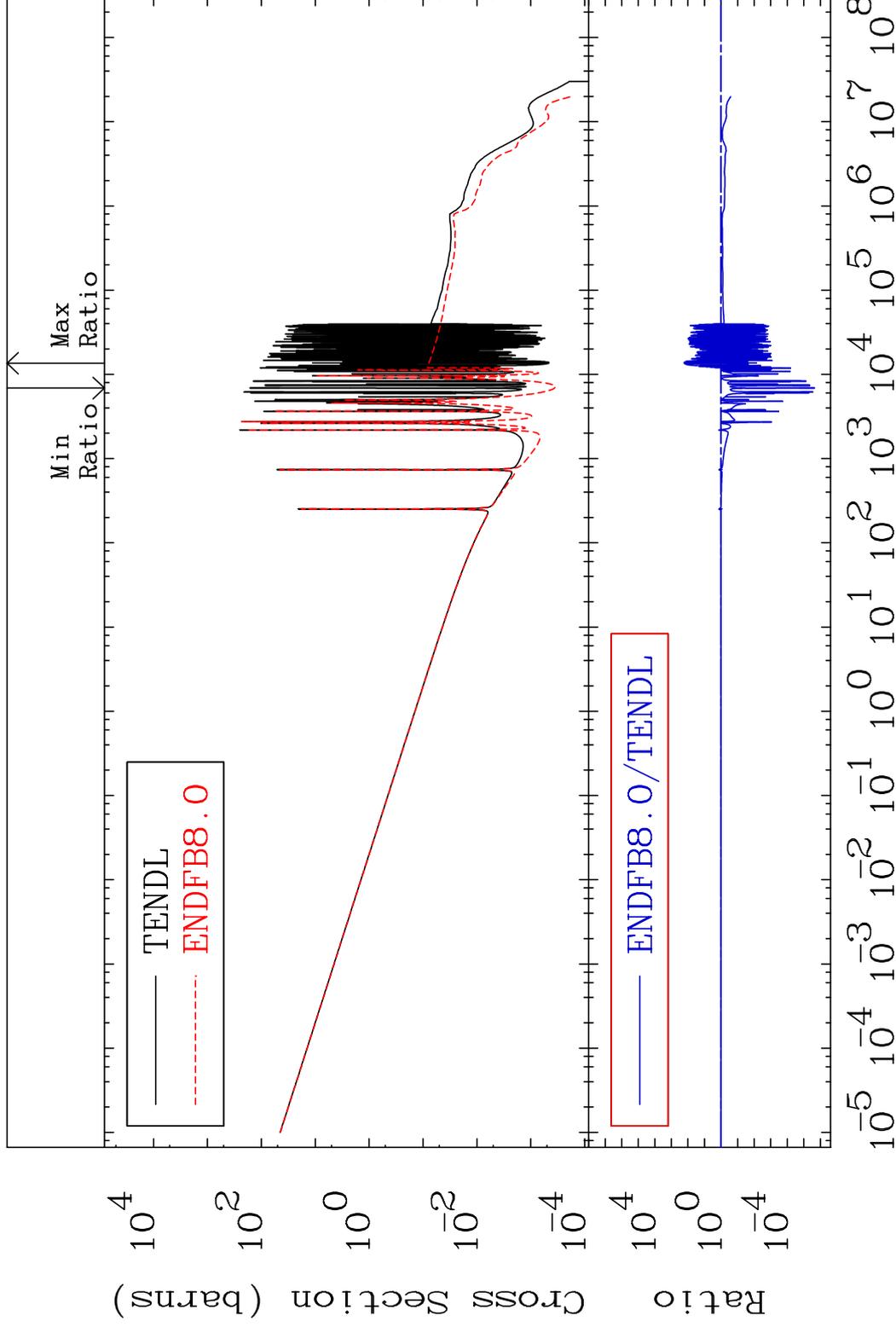


MAT 3231

(n, γ)

32-Ge-72

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

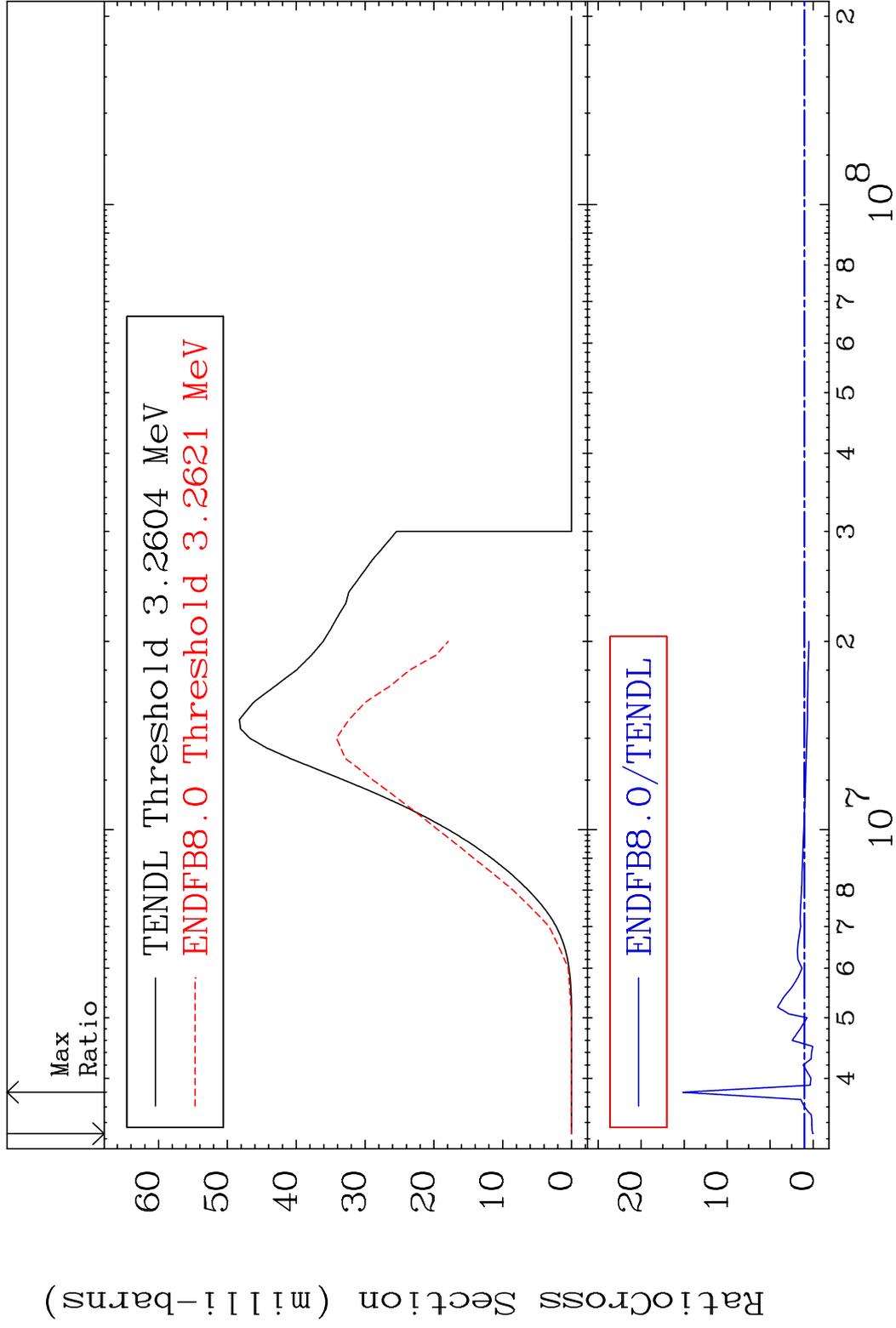
32-Ge-72

MAT 3231

(n,p)

32-Ge-72

Cross Section -100.0 To 1416. %



40

Incident Energy (eV)

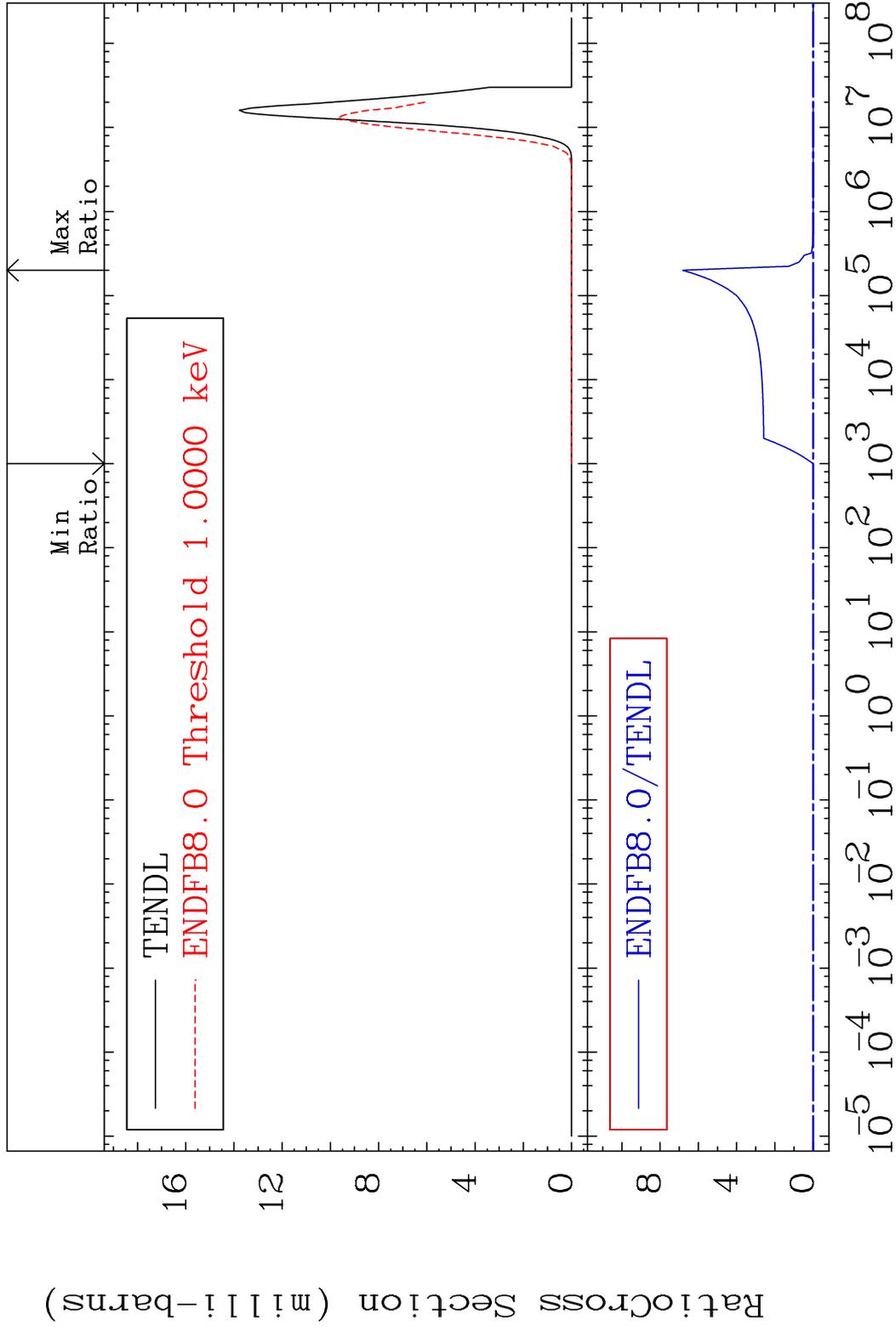
32-Ge-72

MAT 3231

(n, α)

32-Ge-72

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

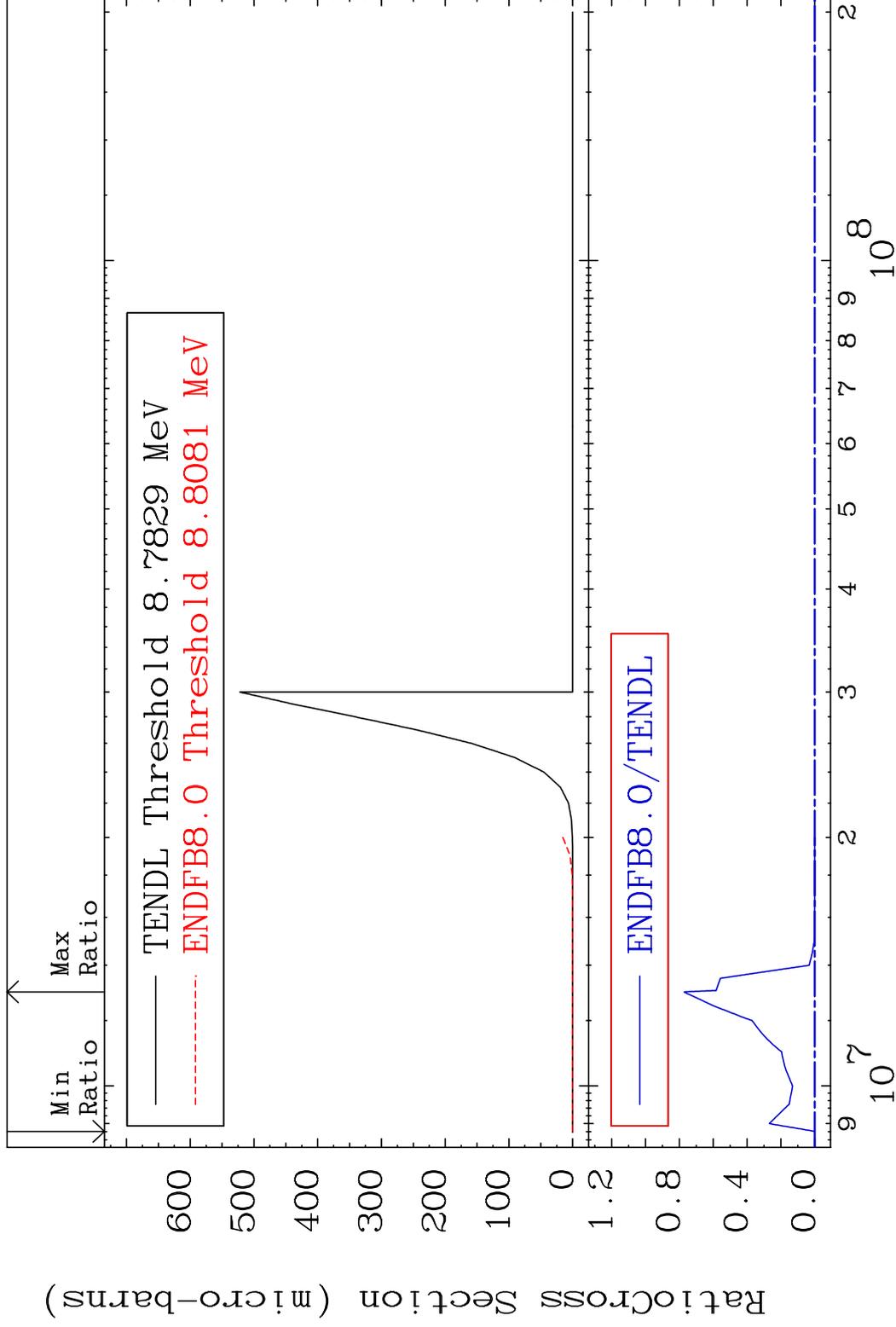
32-Ge-72

MAT 3231

(n,p) α

32-Ge-72

Cross Section -100.0 To 9999. %

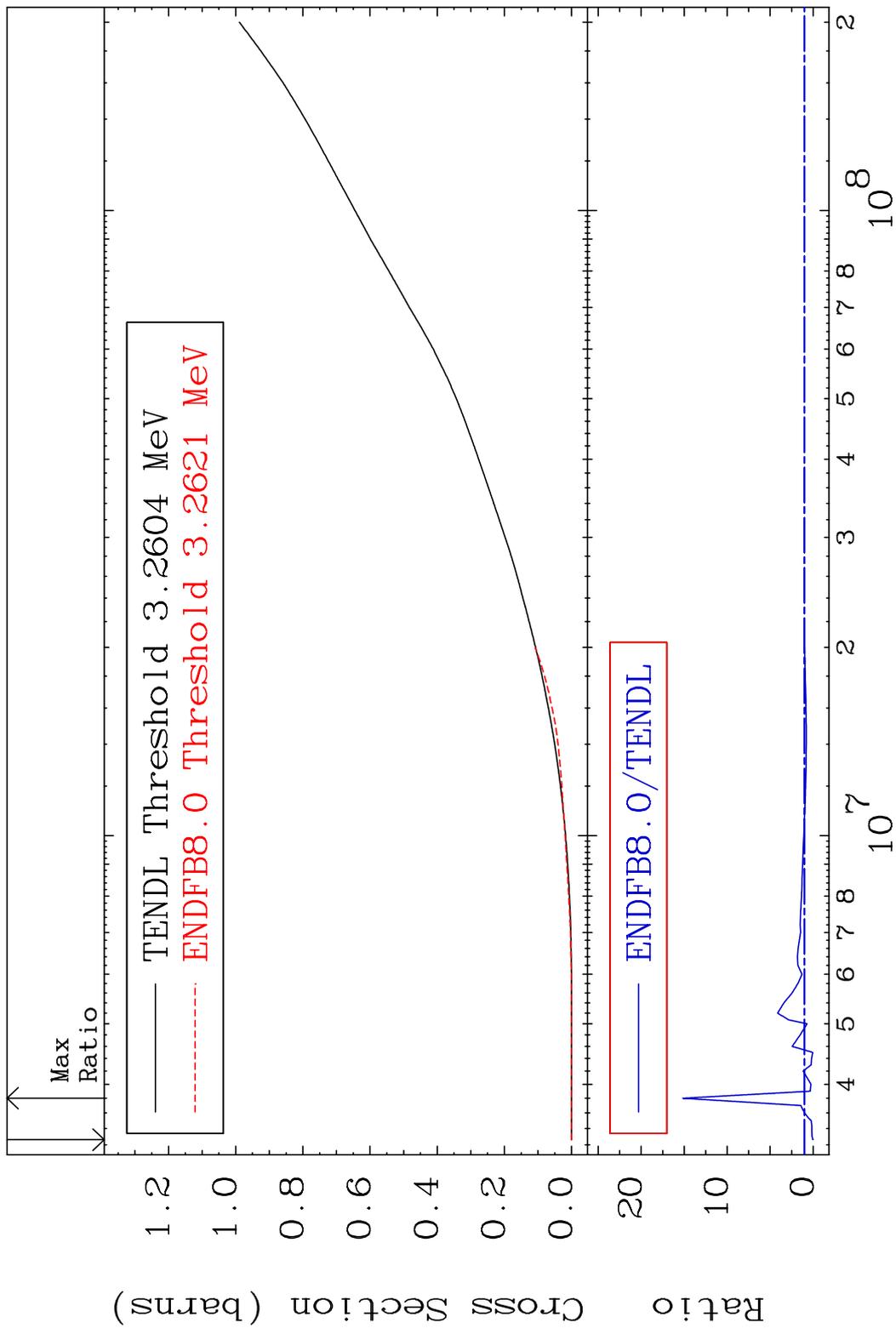


42

Incident Energy (eV)

32-Ge-72

MAT 3231 Hydrogen Production 32-Ge-72
 Cross Section -100.0 To 1416. %

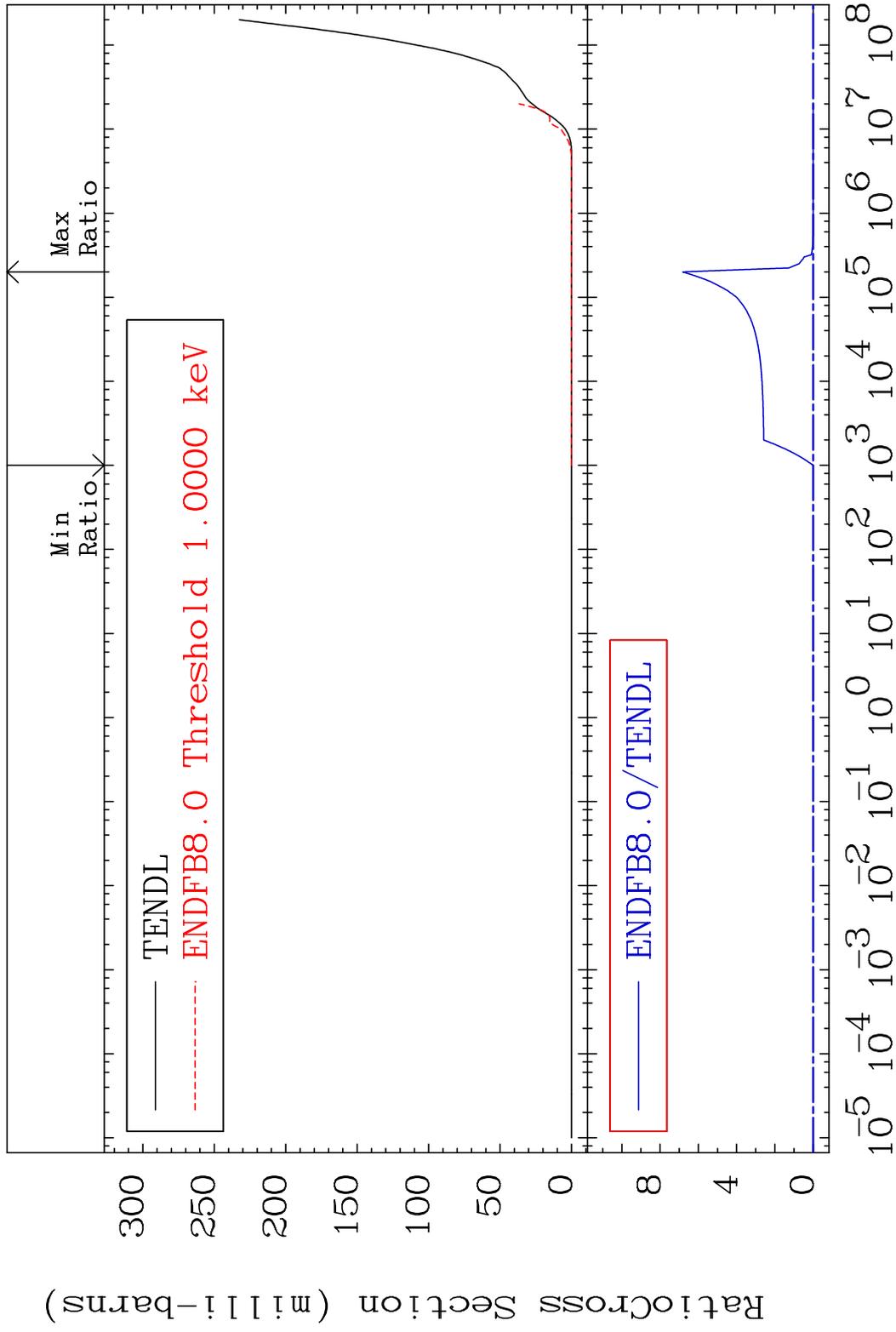


MAT 3231

He-4 Production

32-Ge-72

Cross Section -100.0 To 9999. %

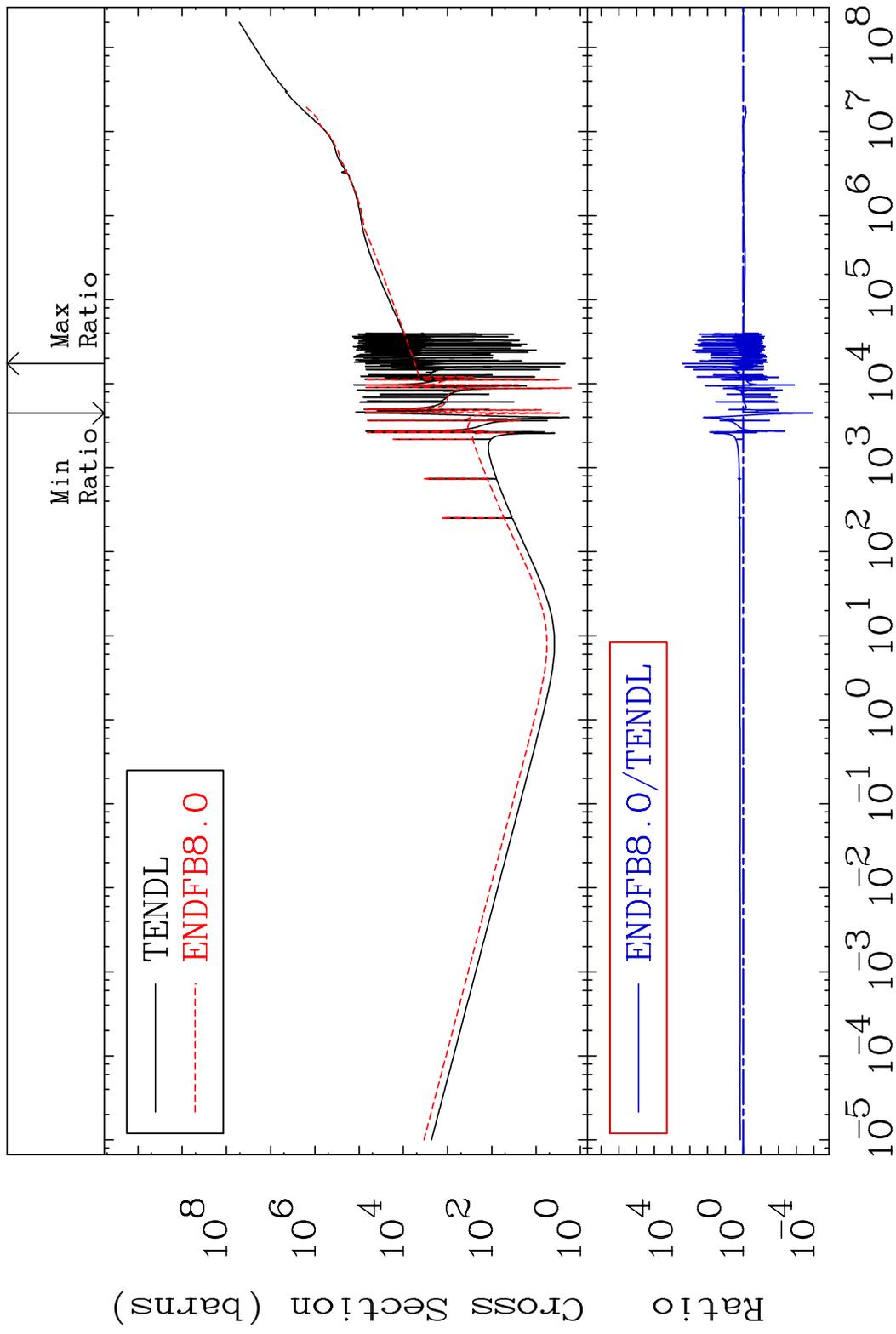


44

Incident Energy (eV)

32-Ge-72

MAT 3231 Kerma total (eV-barns) 32-Ge-72
 Cross Section -99.99 To 9999. %

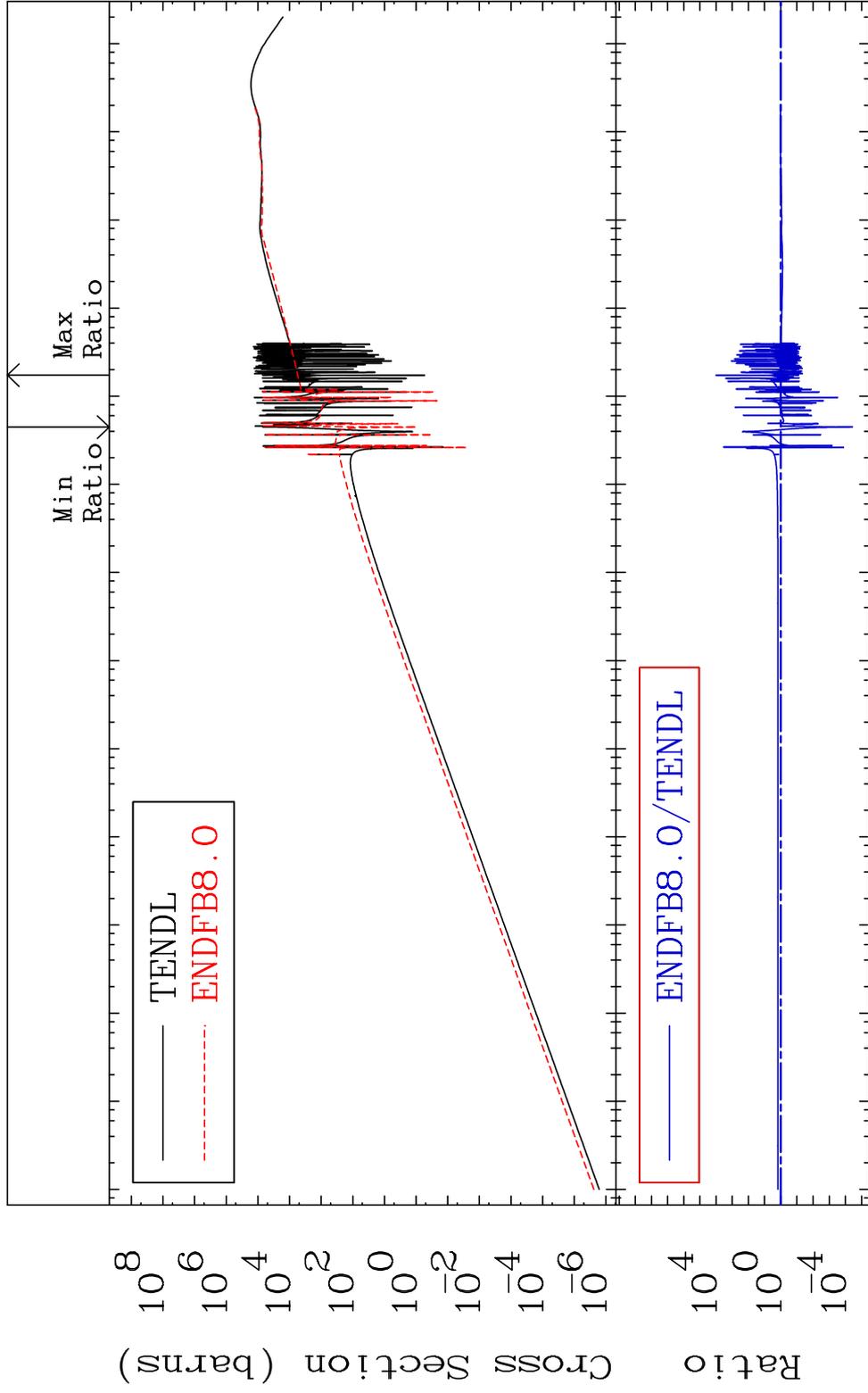


45 Incident Energy (eV) 32-Ge-72

MAT 3231

Kerma elastic
Cross Section

32-Ge-72
-100.0 To 9999. %

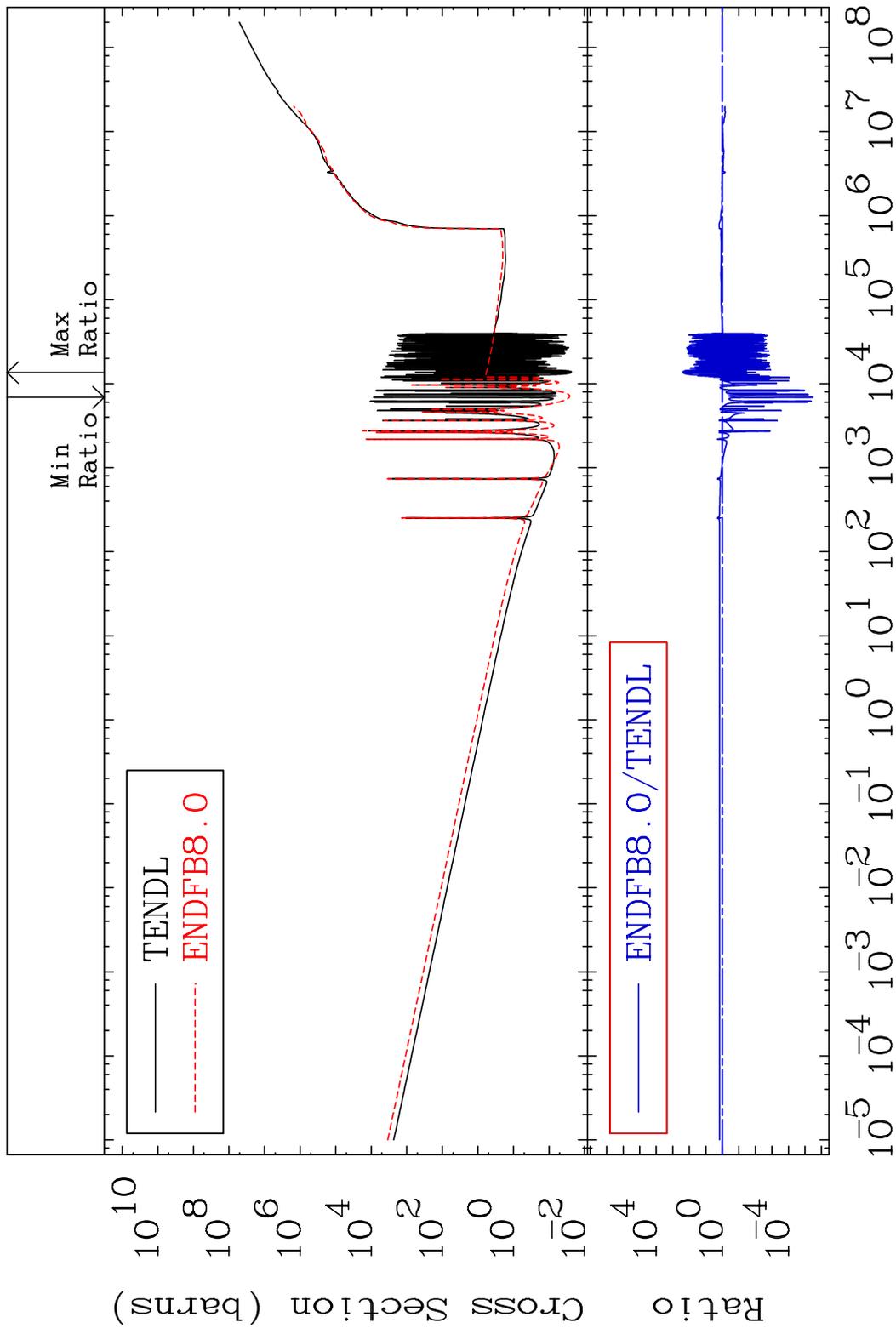


46

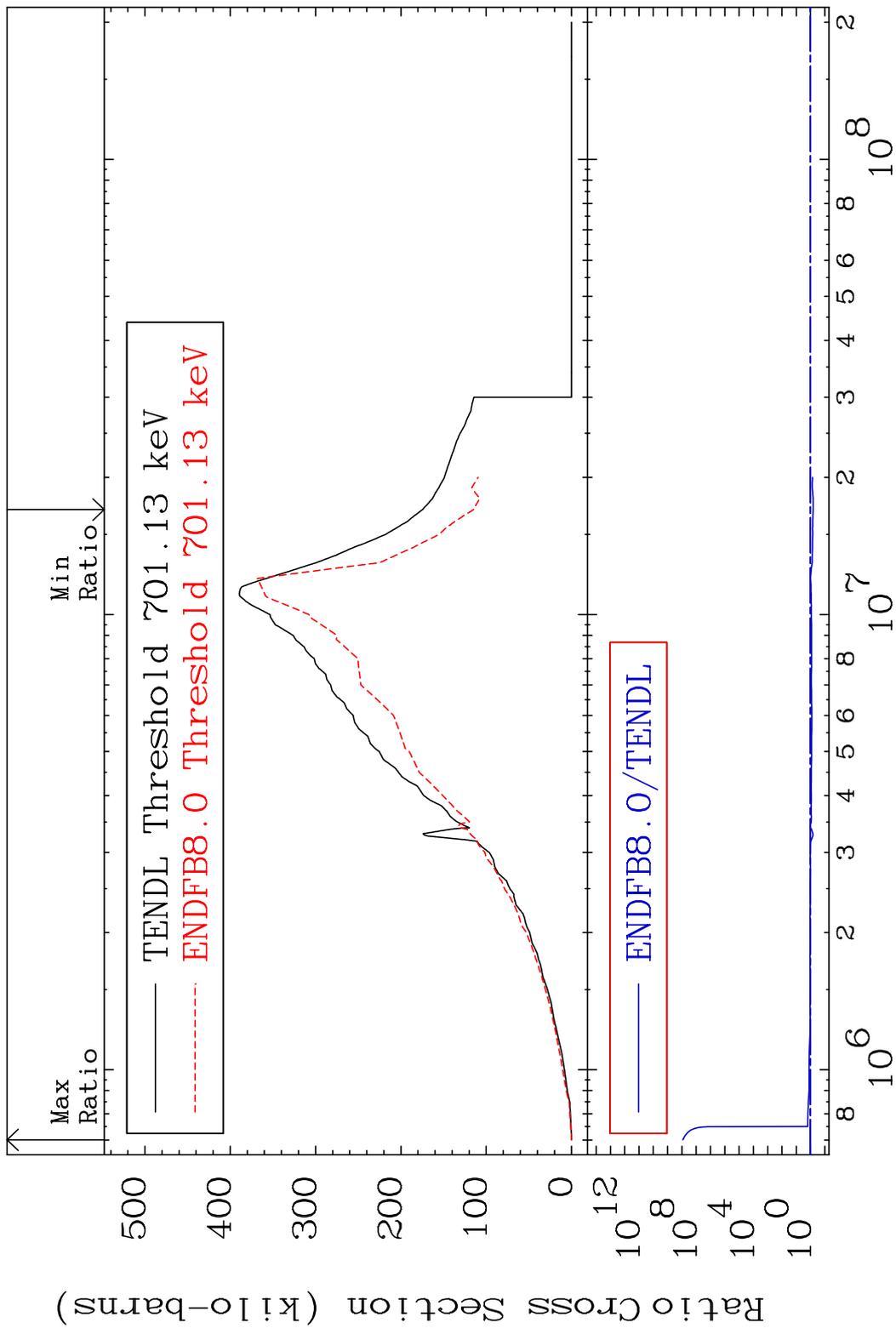
Incident Energy (eV)

32-Ge-72

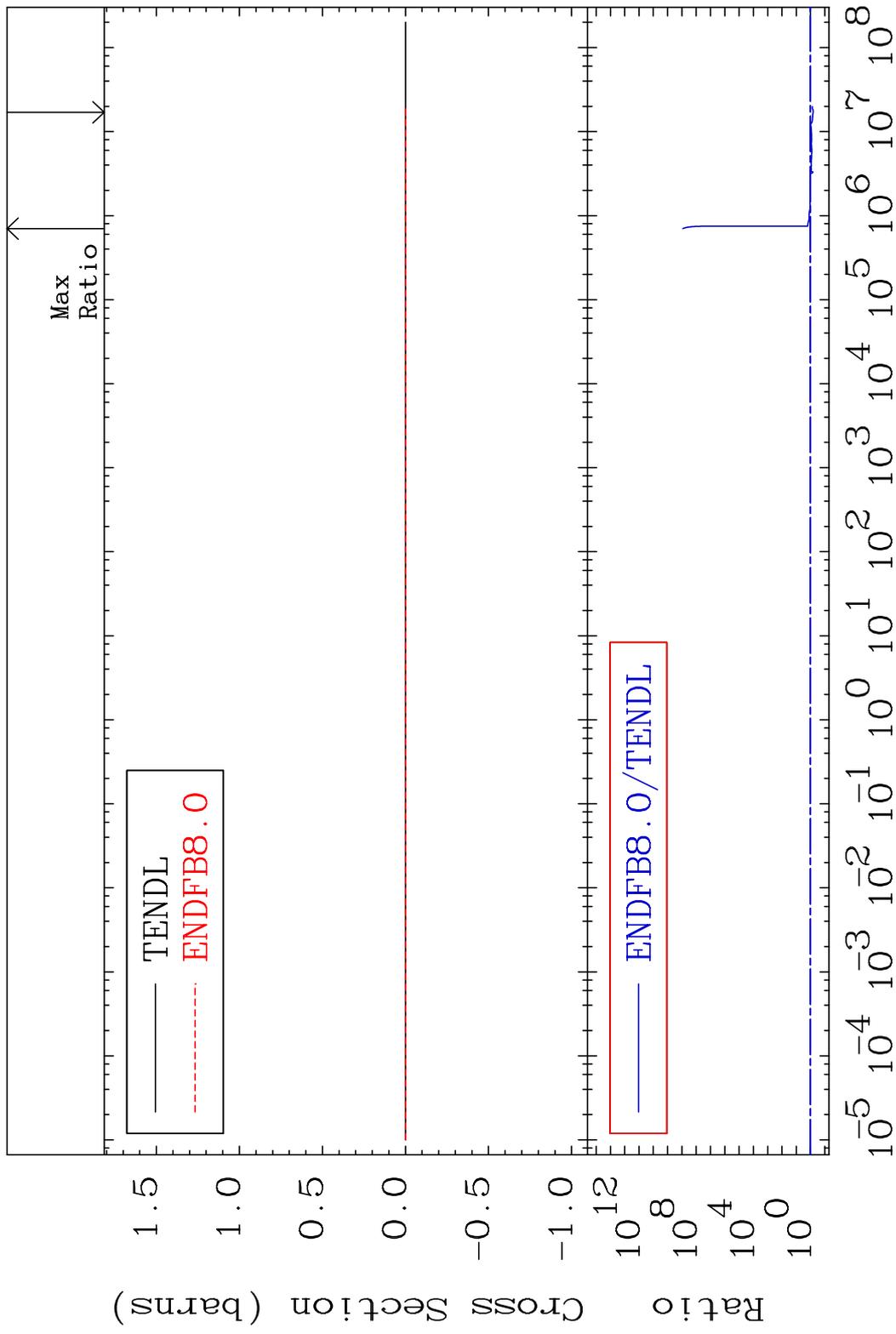
MAT 3231 Kerma non-elastic (all but mt2) 32-Ge-72
 Cross Section -100.0 To 9999. %



MAT 3231 Kerma inelastic (mt51-91) 32-Ge-72
 Cross Section -34.17 To 9999. %



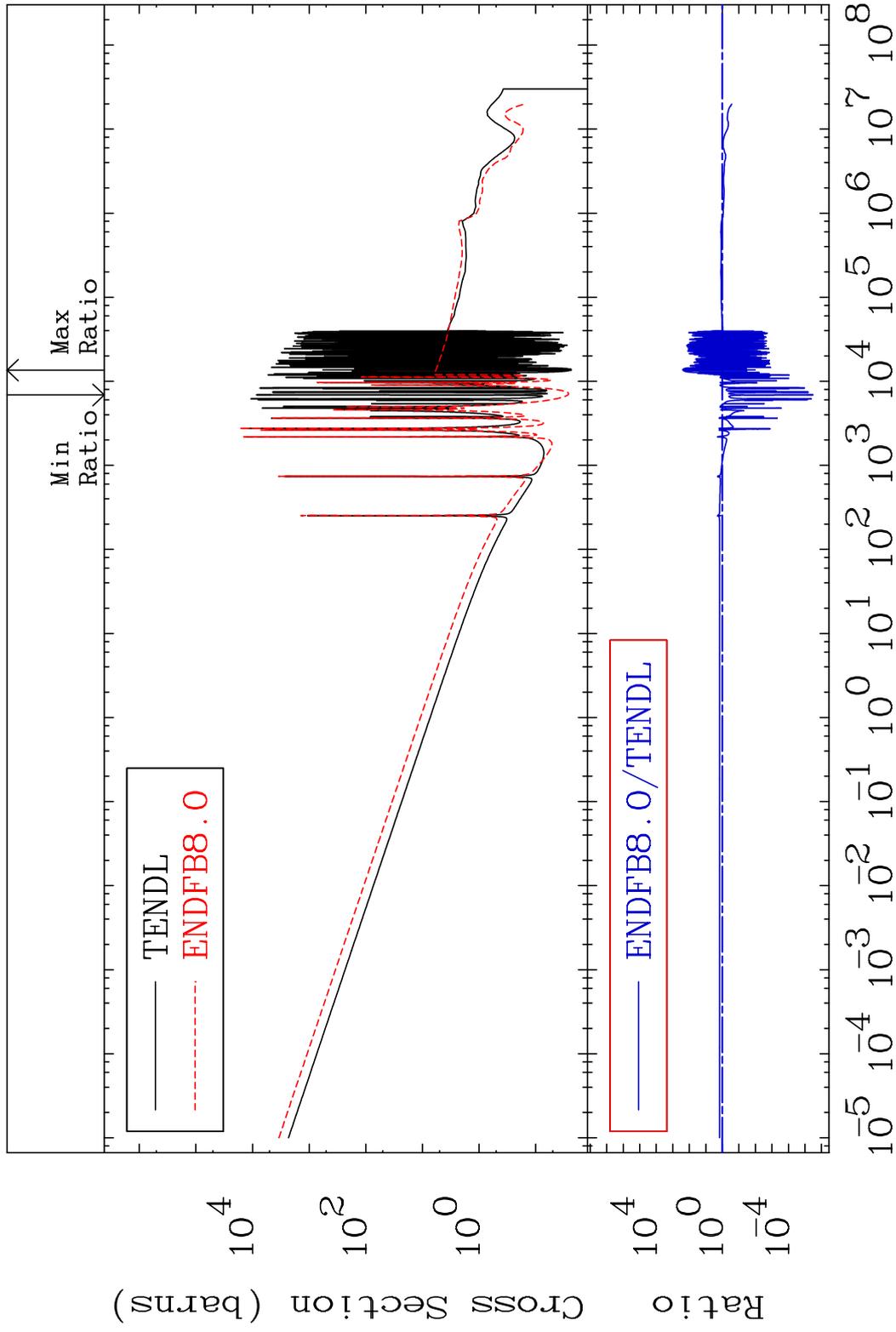
MAT 3231 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-72
 Cross Section -34.17 To 9999. %



MAT 3231

Kerma capture (mt102) 32-Ge-72

Cross Section -100.0 To 9999. %

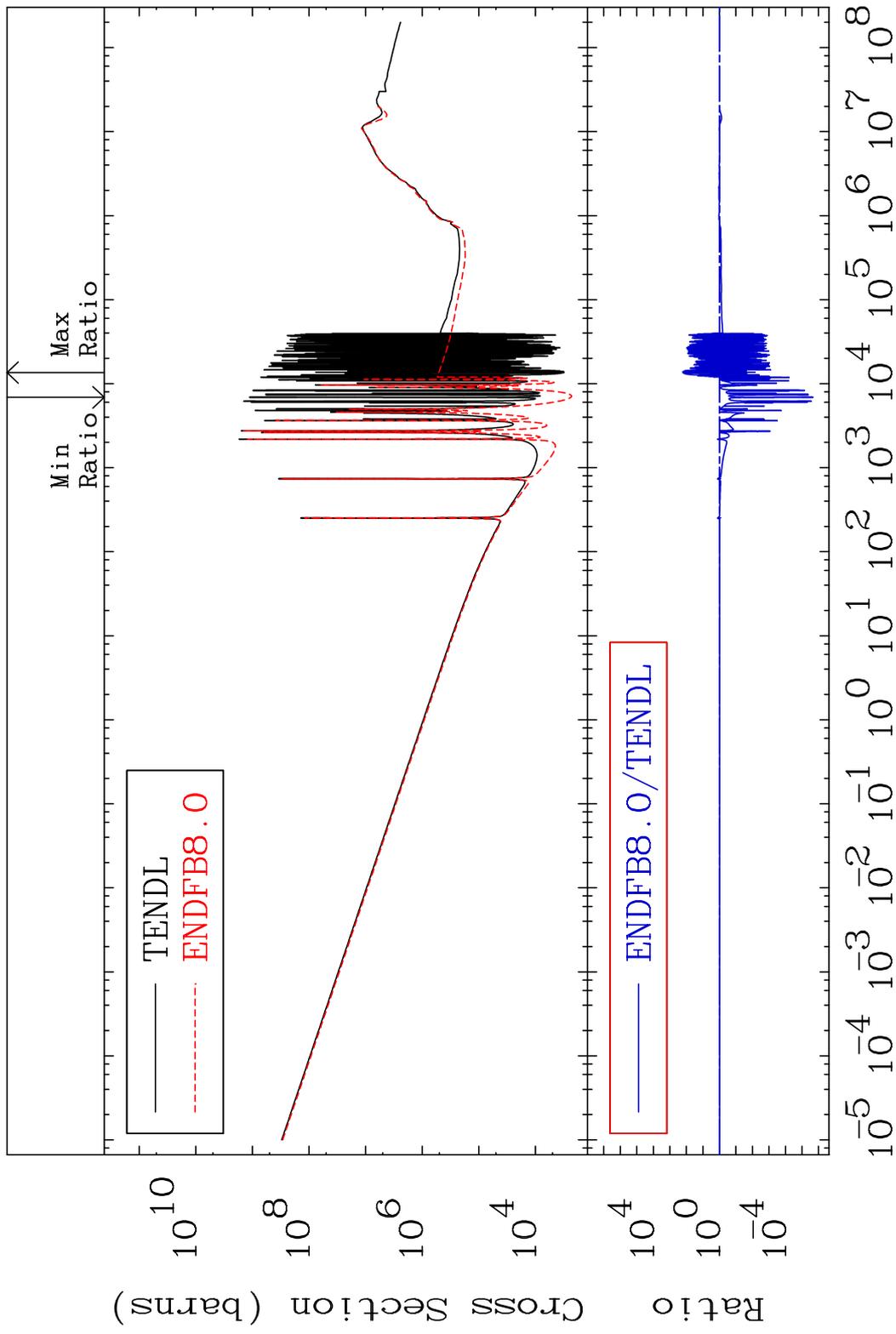


50

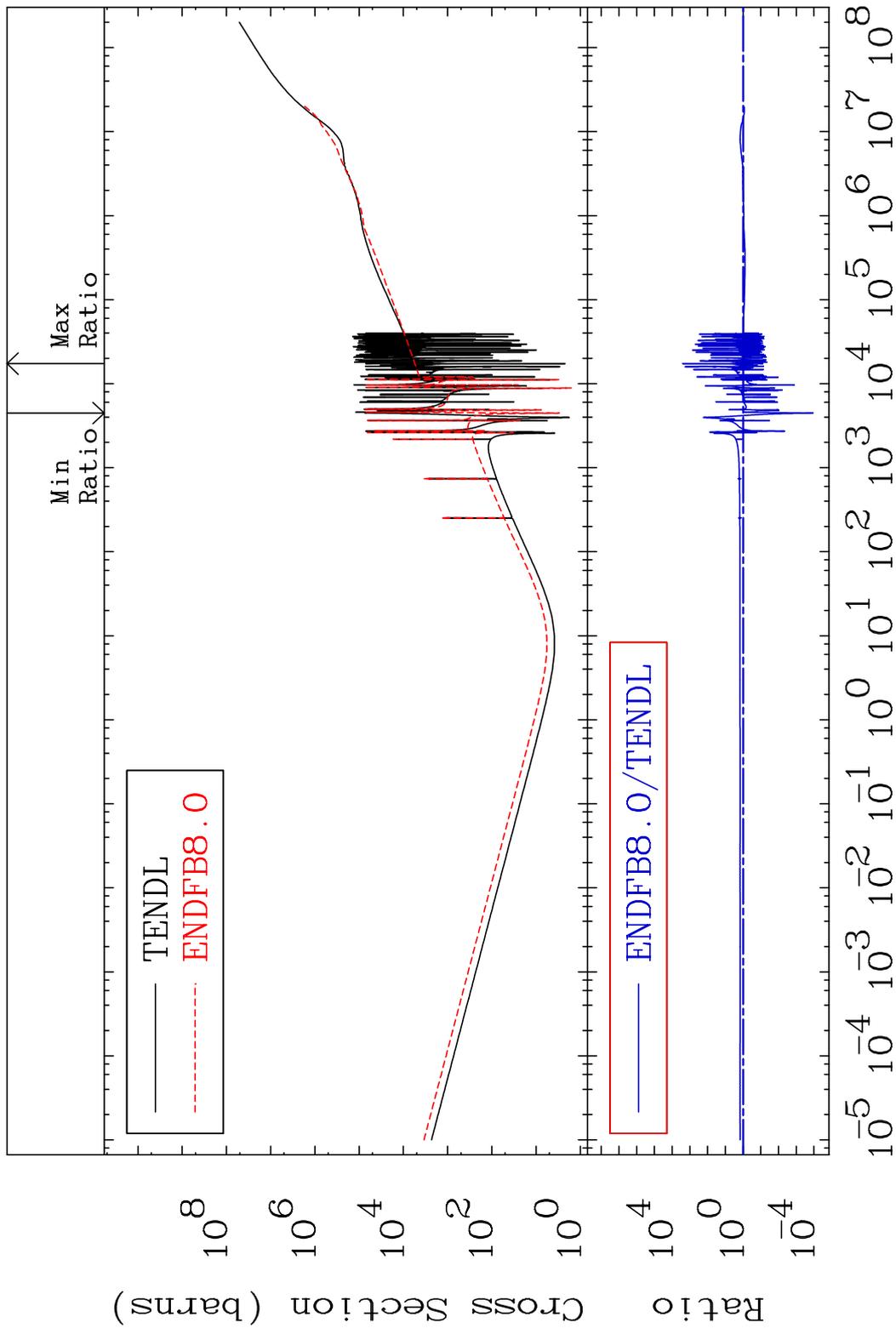
Incident Energy (eV)

32-Ge-72

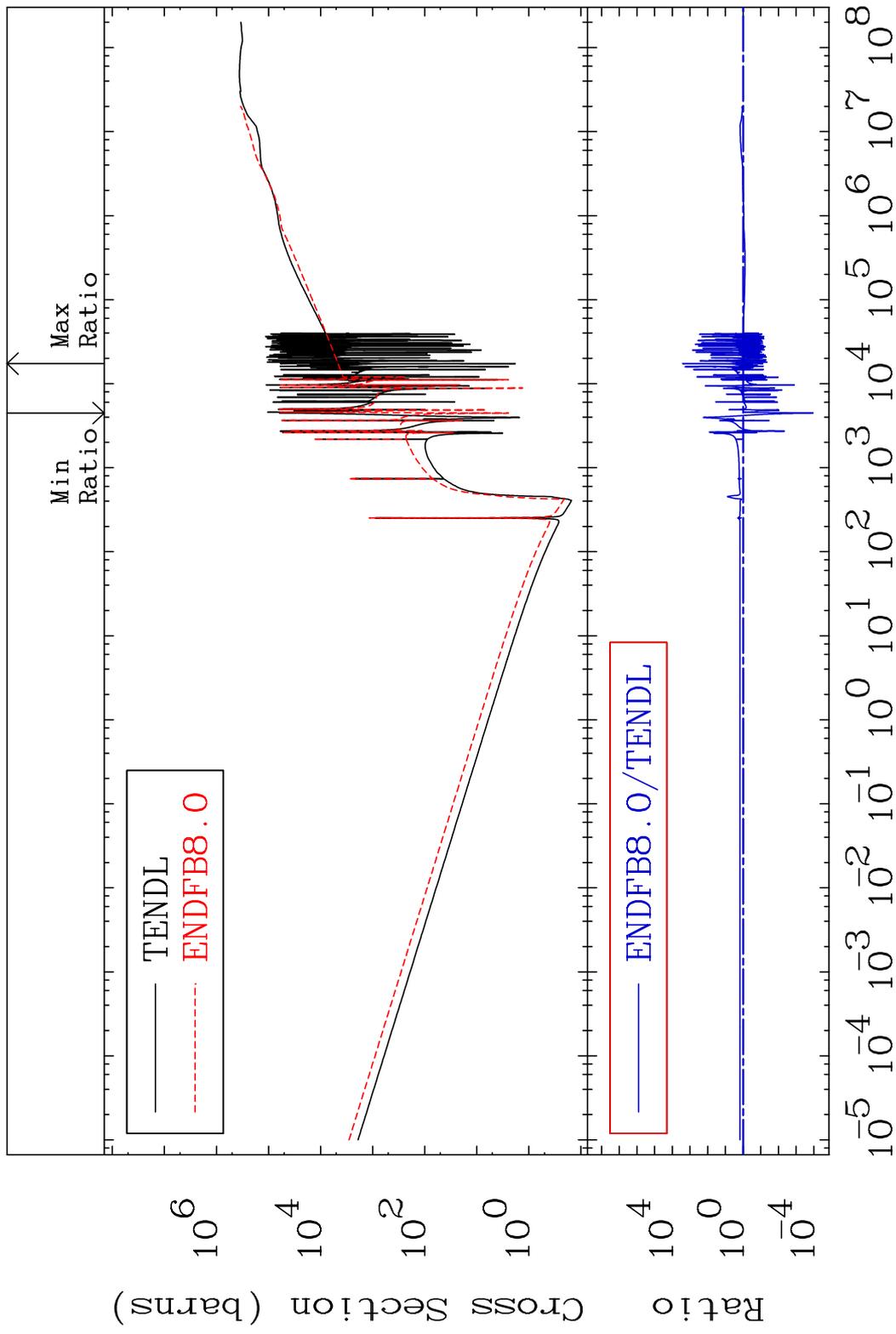
MAT 3231 Total photon (eV-barns) 32-Ge-72
 Cross Section -100.0 To 9999. %



MAT 3231 Total kinematic kerma (high limit) 32-Ge-72
 Cross Section -99.99 To 9999. %



MAT 3231 Dpa total (eV-barns) 32-Ge-72
 Cross Section -99.99 To 9999. %

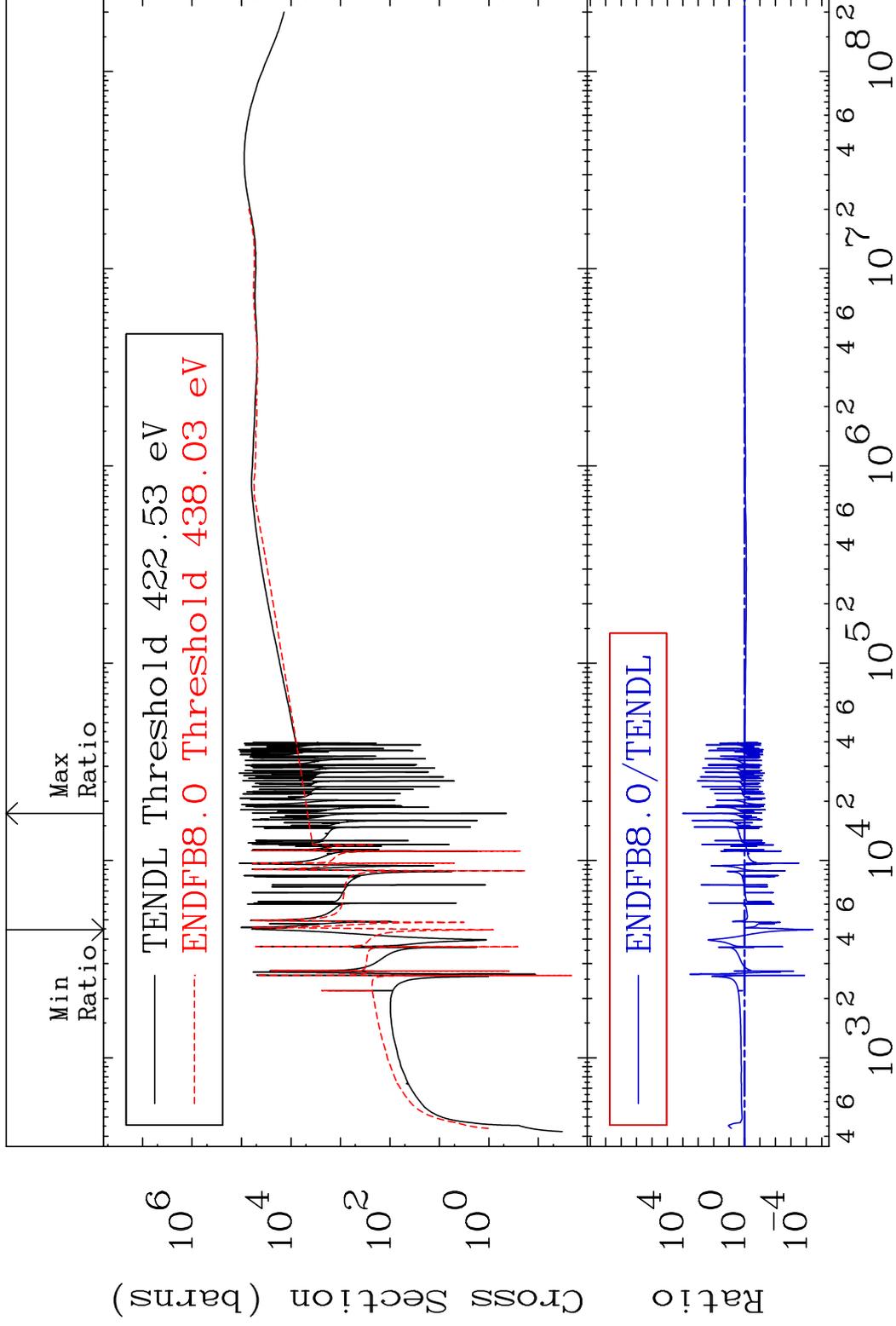


MAT 3231

Dpa elastic (mt2)

32-Ge-72

Cross Section -100.0 To 9999. %



54

Incident Energy (eV)

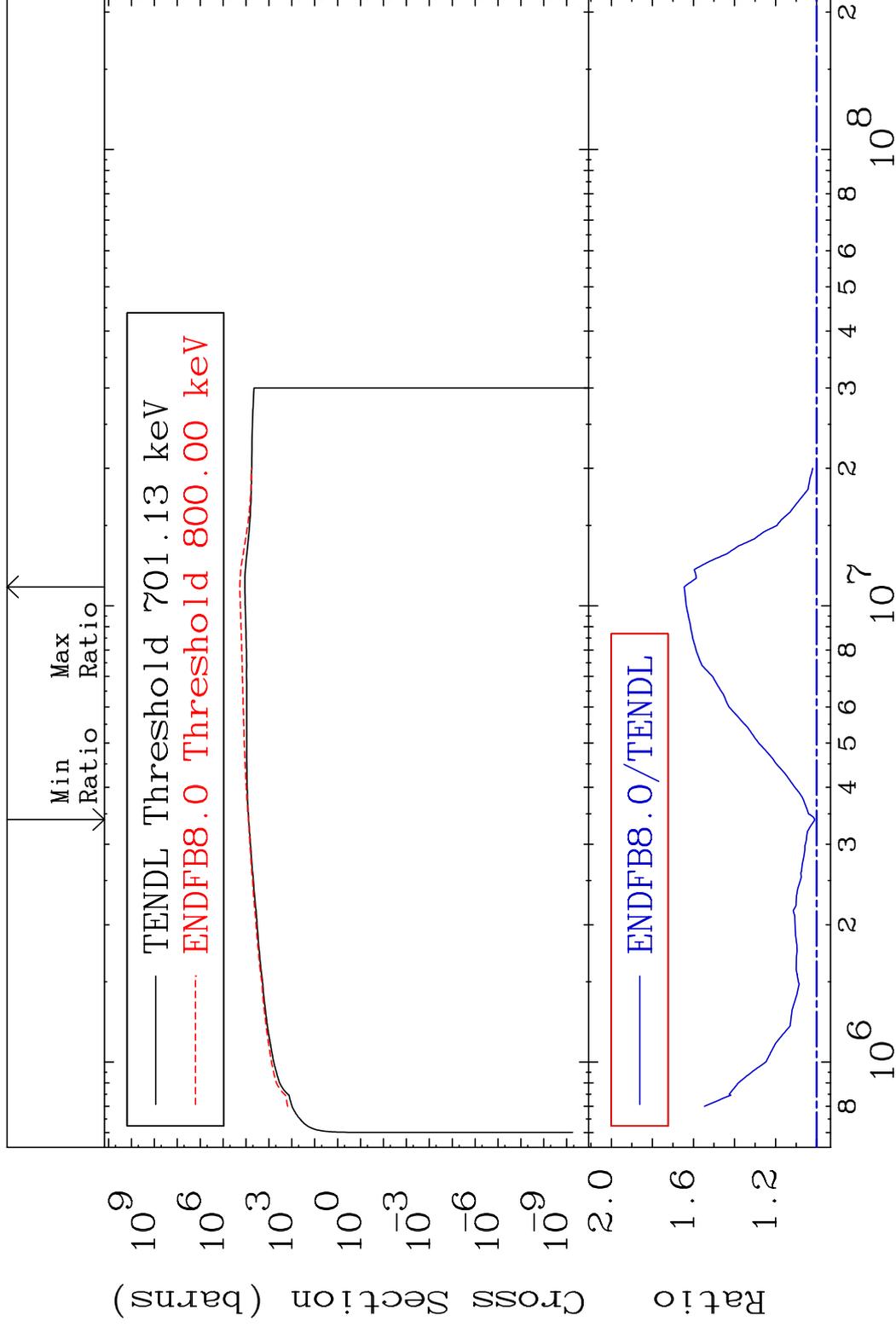
32-Ge-72

MAT 3231

Dpa inelastic (mt51-91)

32-Ge-72

Cross Section 0.949 To 64.55 %



55

Incident Energy (eV)

32-Ge-72

MAT 3231 Dpa disappearance (mt102 -120) 32-Ge-72
 Cross Section -100.0 To 9999. %

