

Program Complot
(Version 2018-1)

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

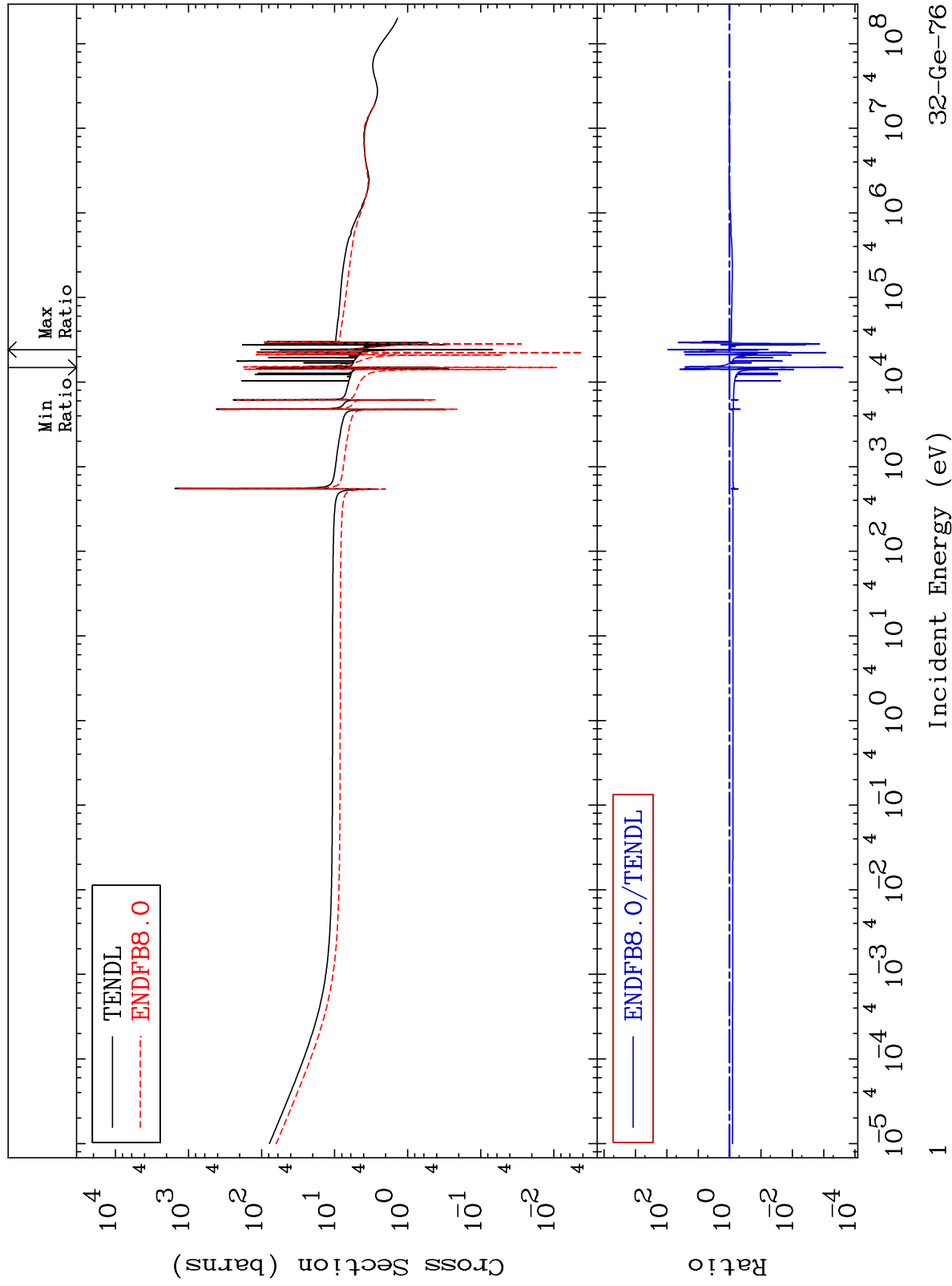
MAT 3243

Total

32-Ge-76

Cross Section

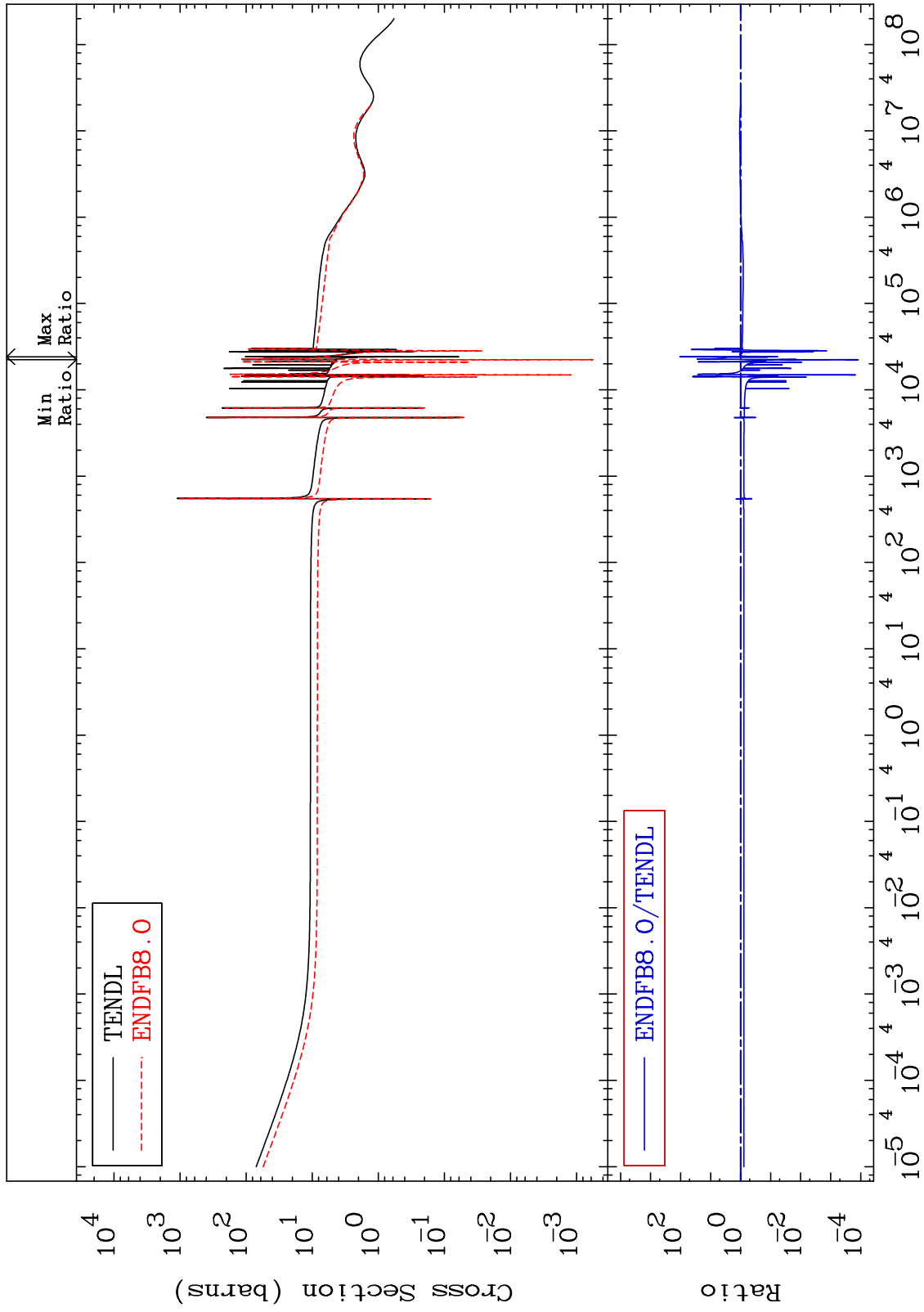
-99.98 To 9084. %



MAT 3243

Elastic
Cross Section

32-Ge-76
-99.99 To 9999. %



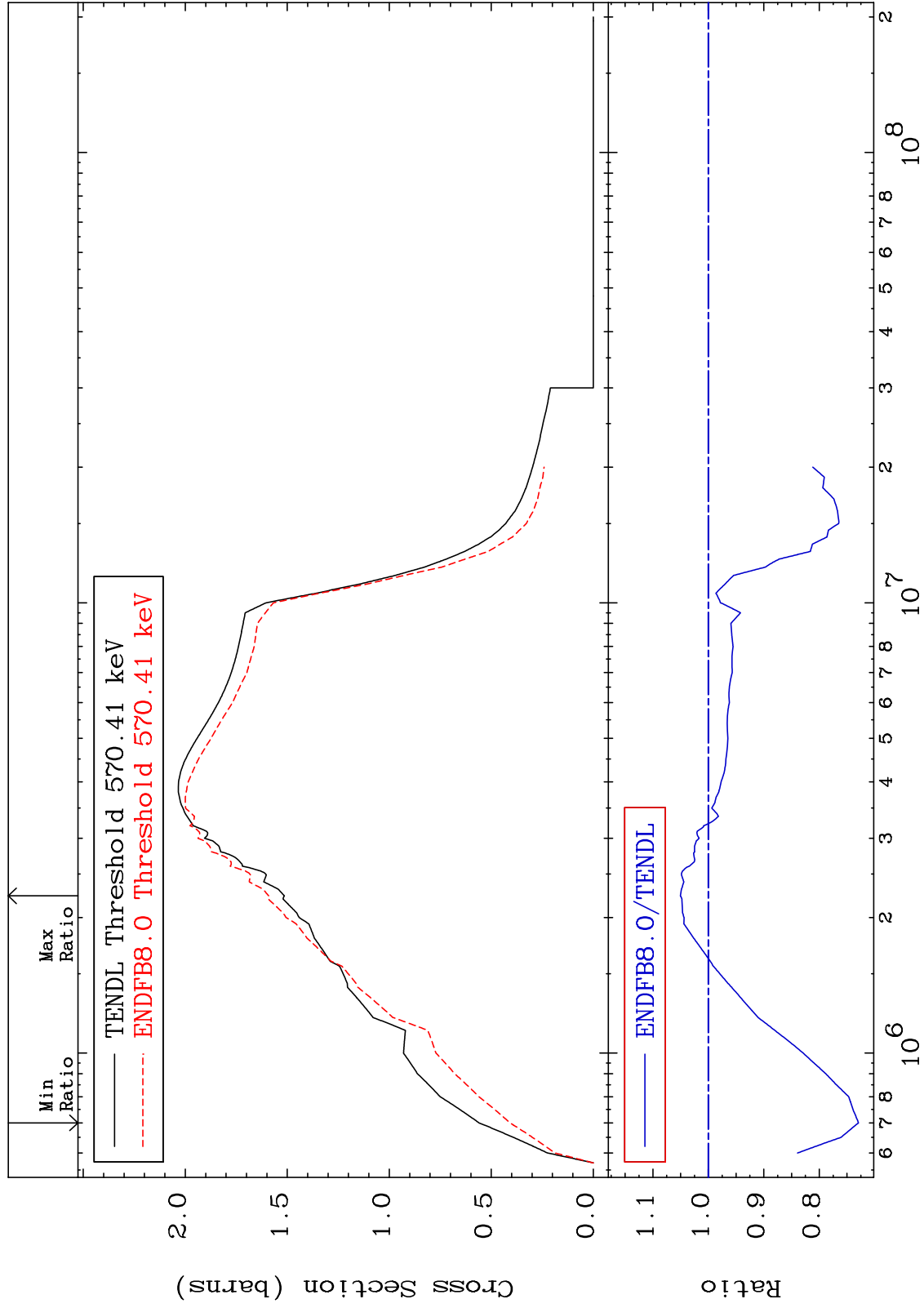
MAT 3243

Inelastic

32-Ge-76

Cross Section

-27.08 To 5.026 %



3

Incident Energy (eV)

32-Ge-76

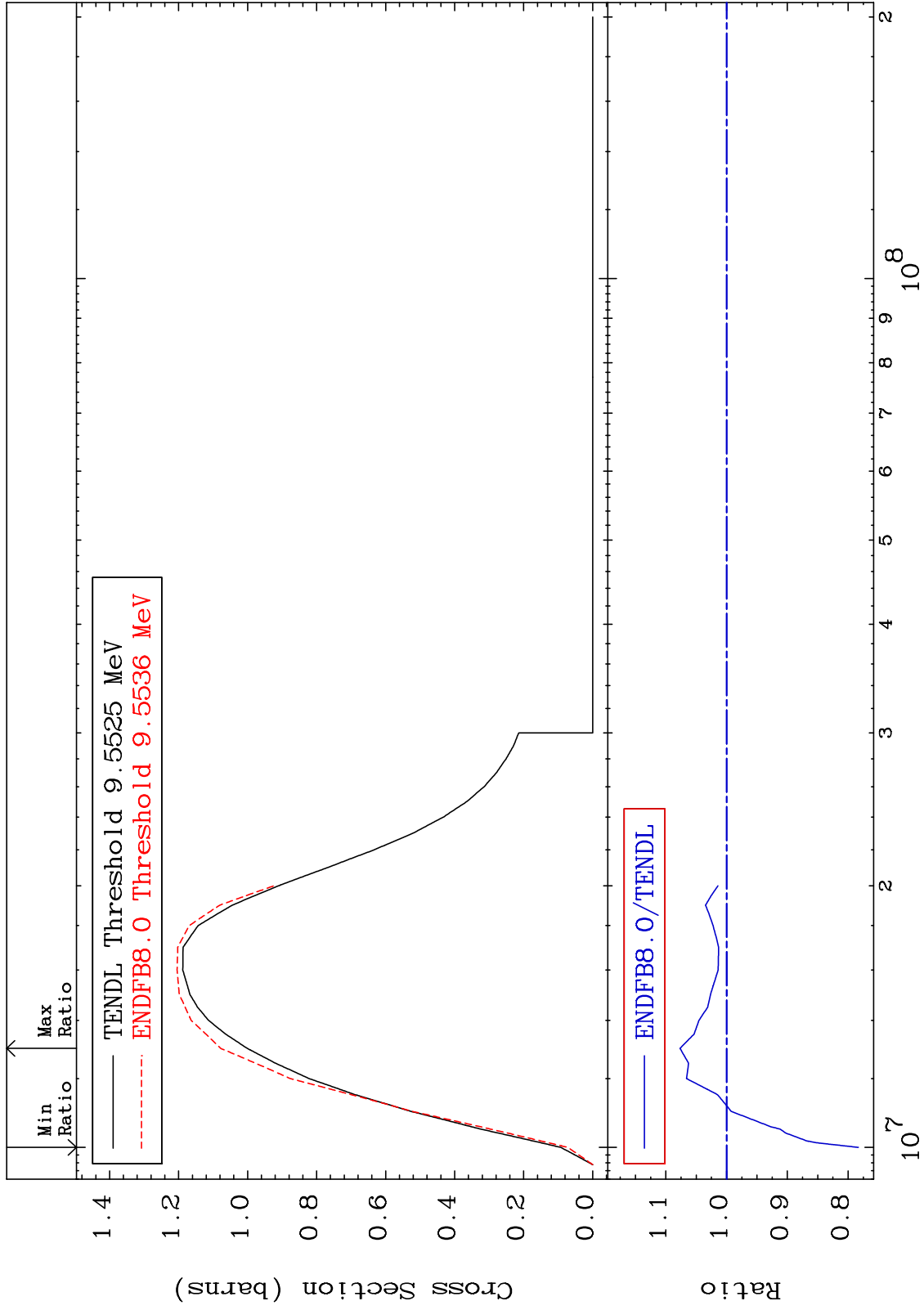
MAT 3243

(n,2n)

³²Ge-76

Cross Section

-21.69 To 7.666 %



4

Incident Energy (eV)

³²Ge-76

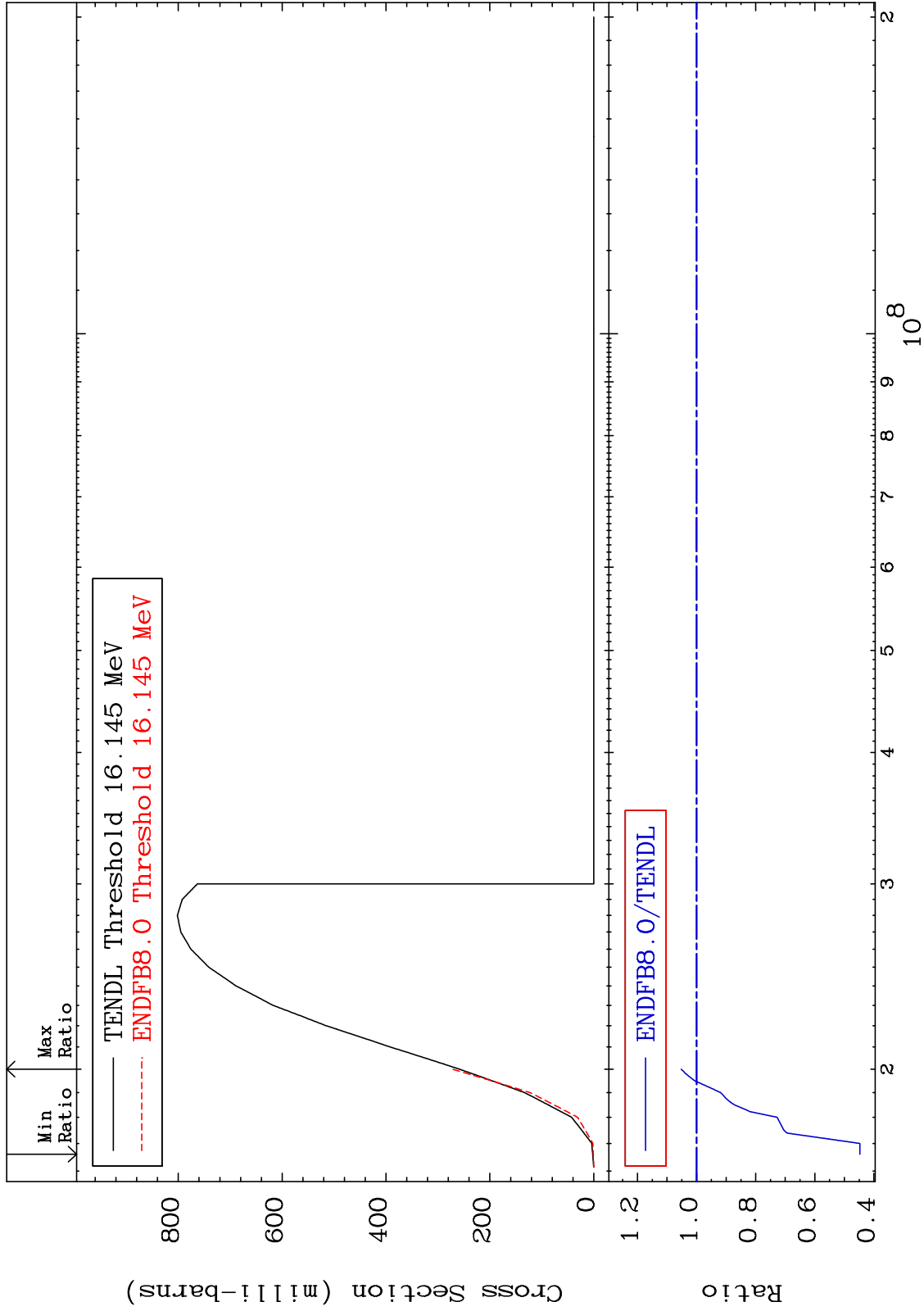
MAT 3243

(n, 3n)

³²Ge-76

Cross Section

-55.27 To 5.198 %



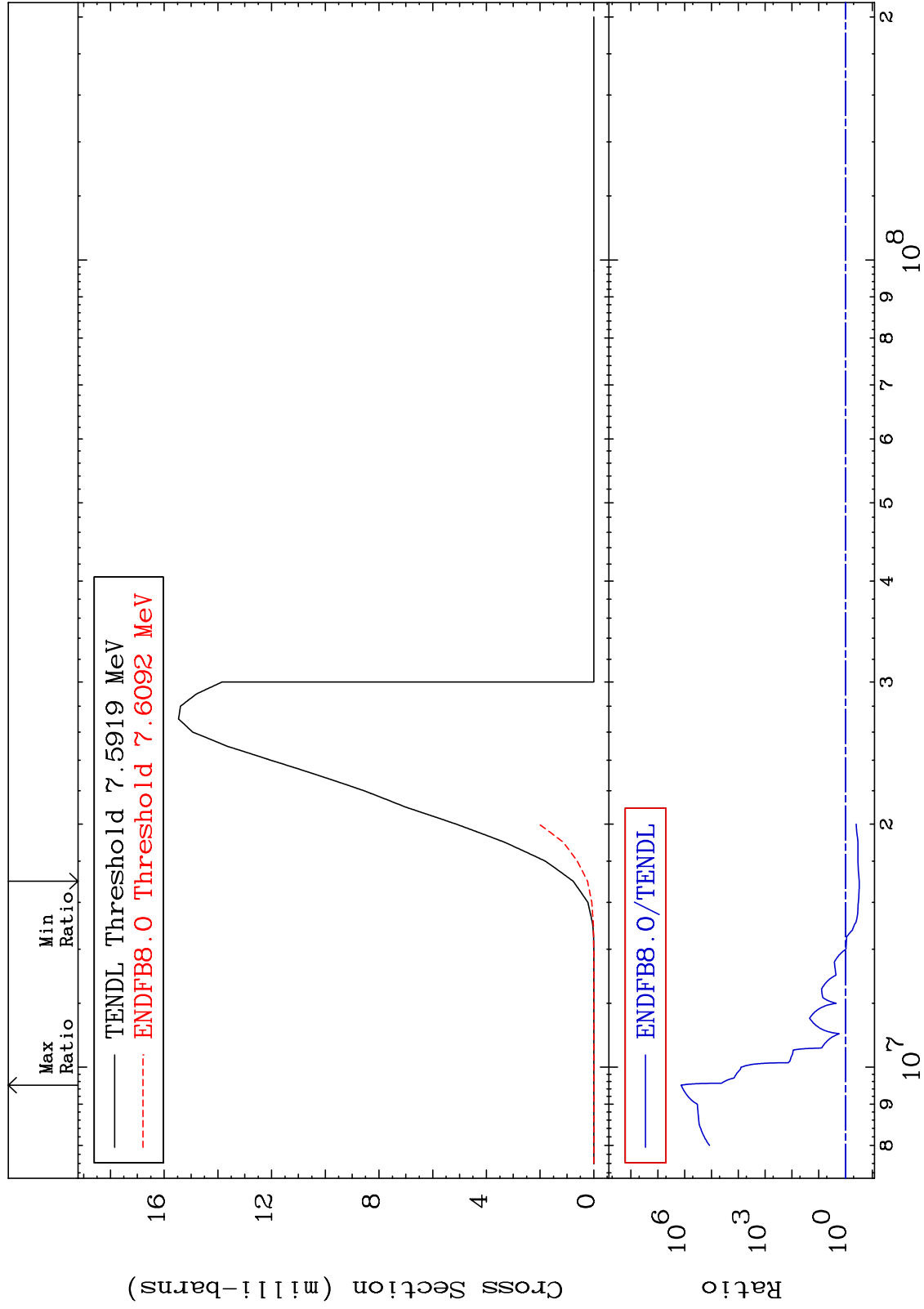
MAT 3243

(n, n') α

32-Ge-76

Cross Section

-69.35 To 9999. %



6

Incident Energy (eV)

32-Ge-76

MAT 3243

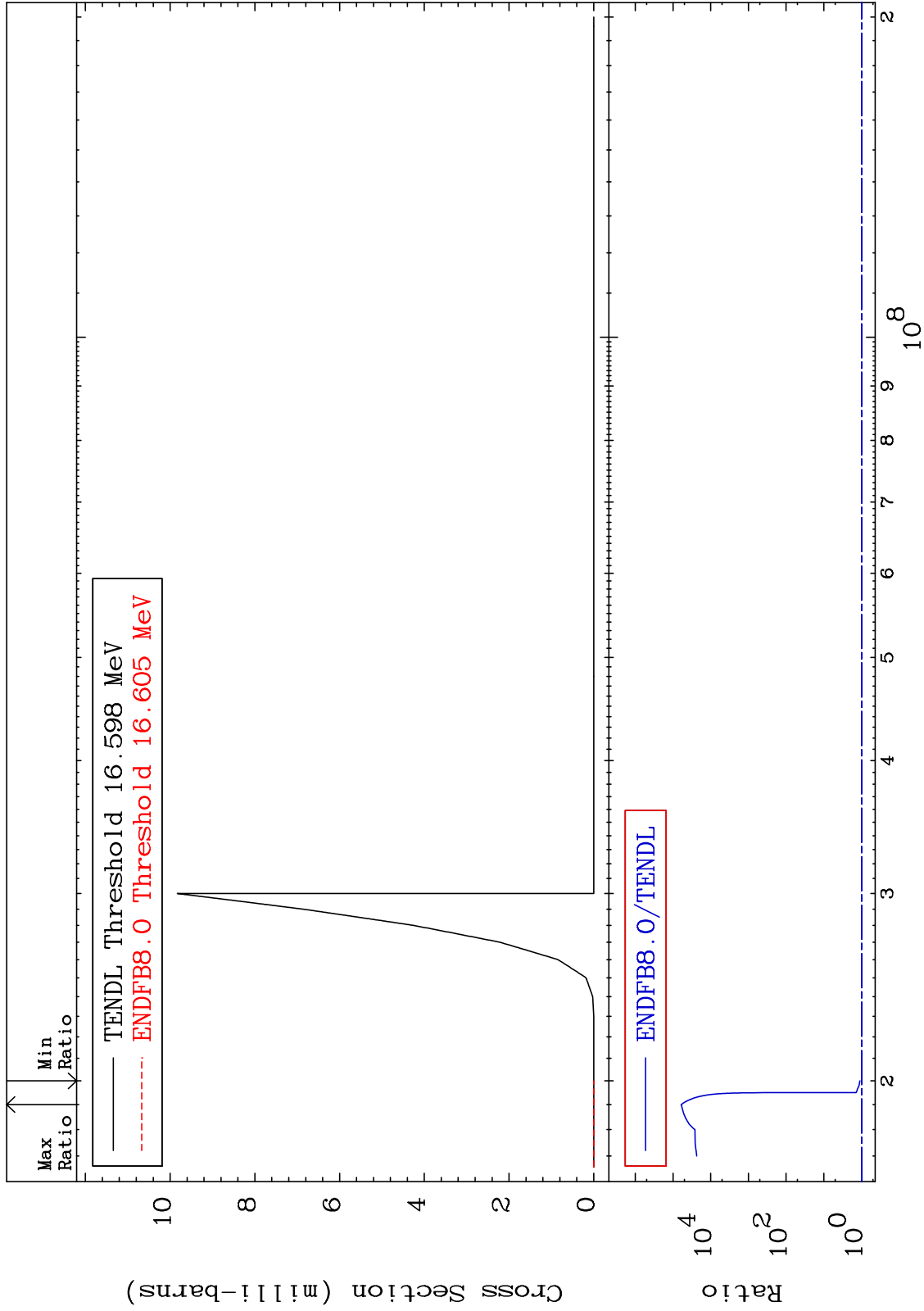
(n,2n) α

³²Ge-76

Cross Section

10.33

To 9999. %



MAT 3243

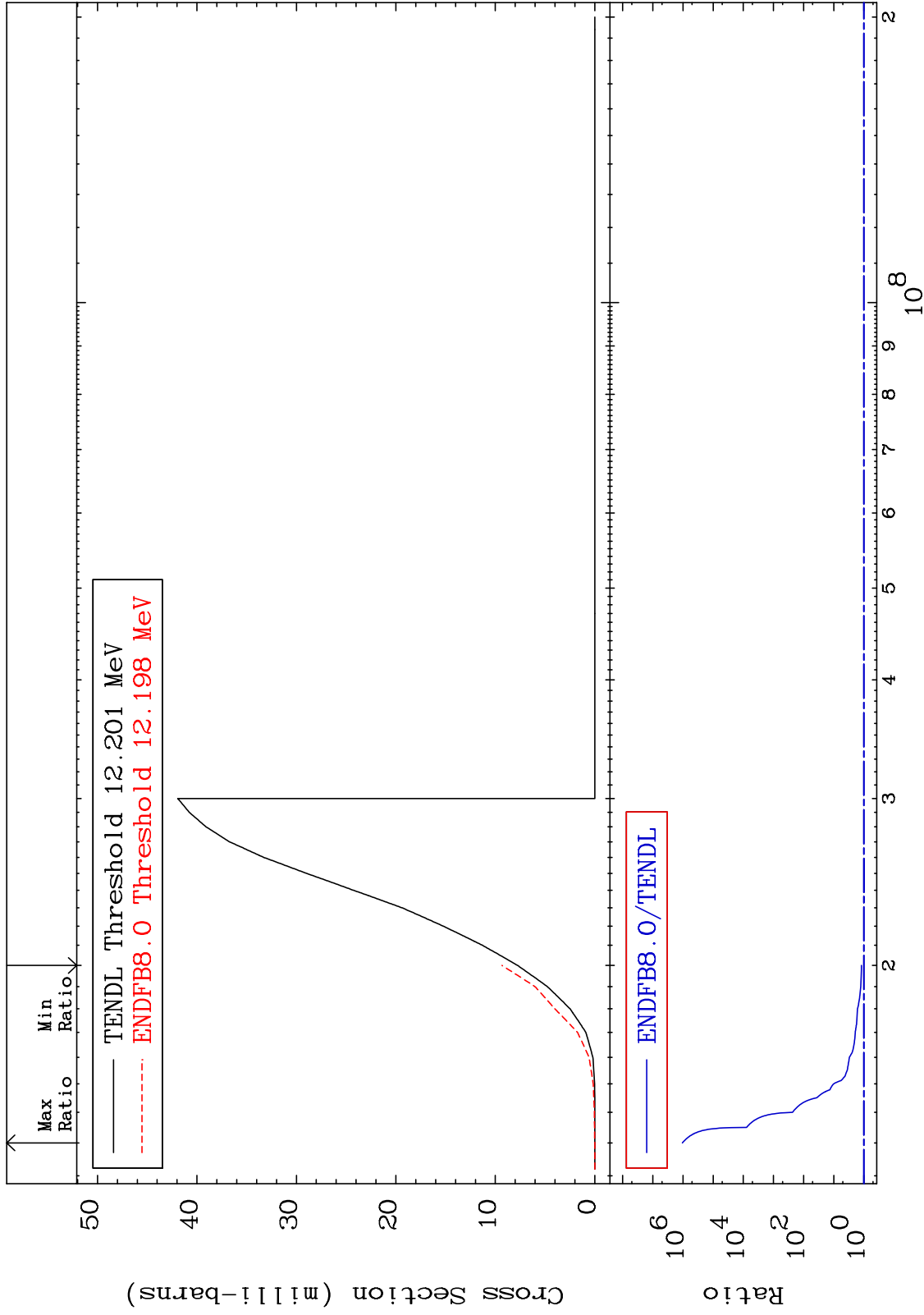
(n,n') p

32-Ge-76

Cross Section

20.22

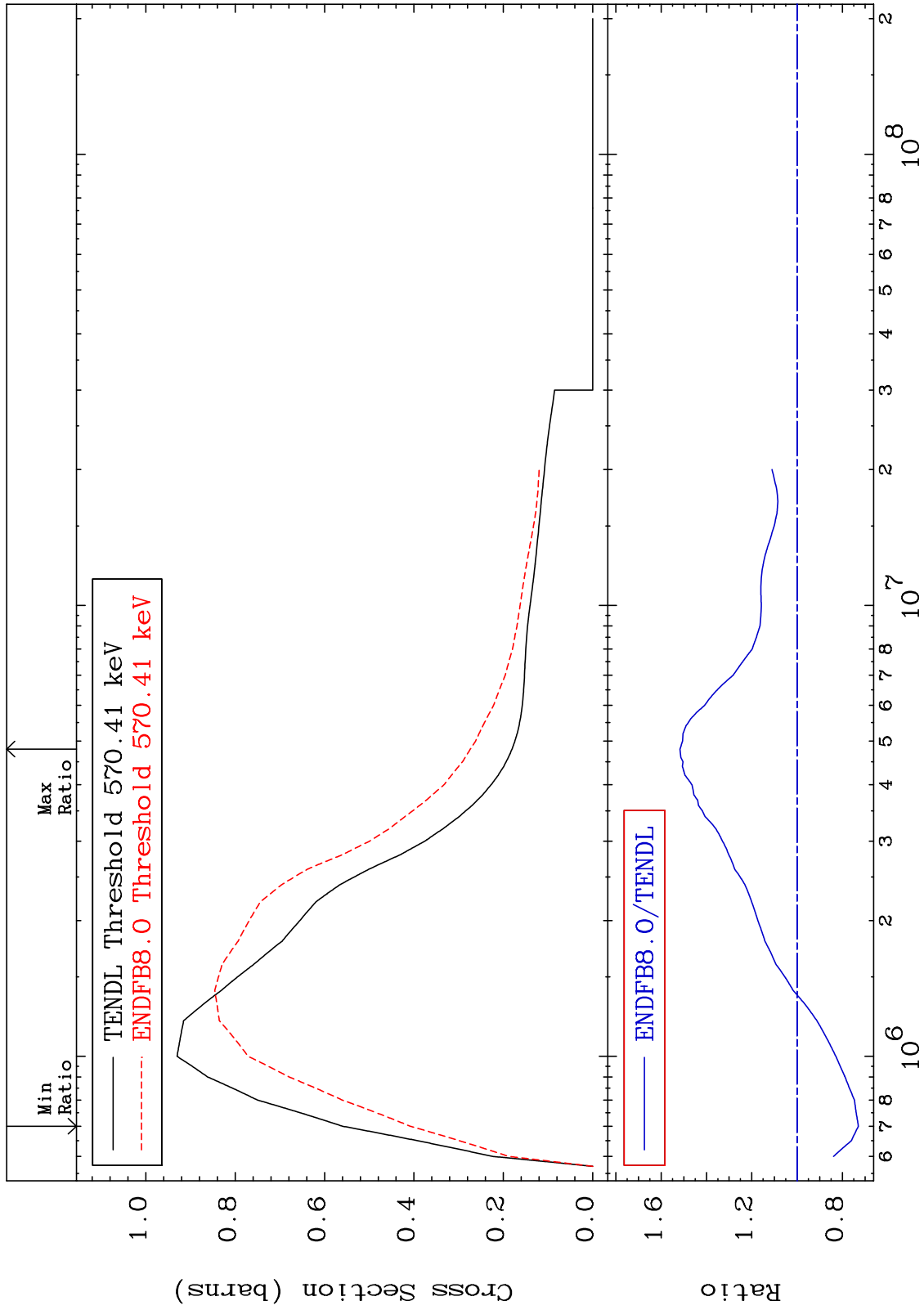
To 9999. %



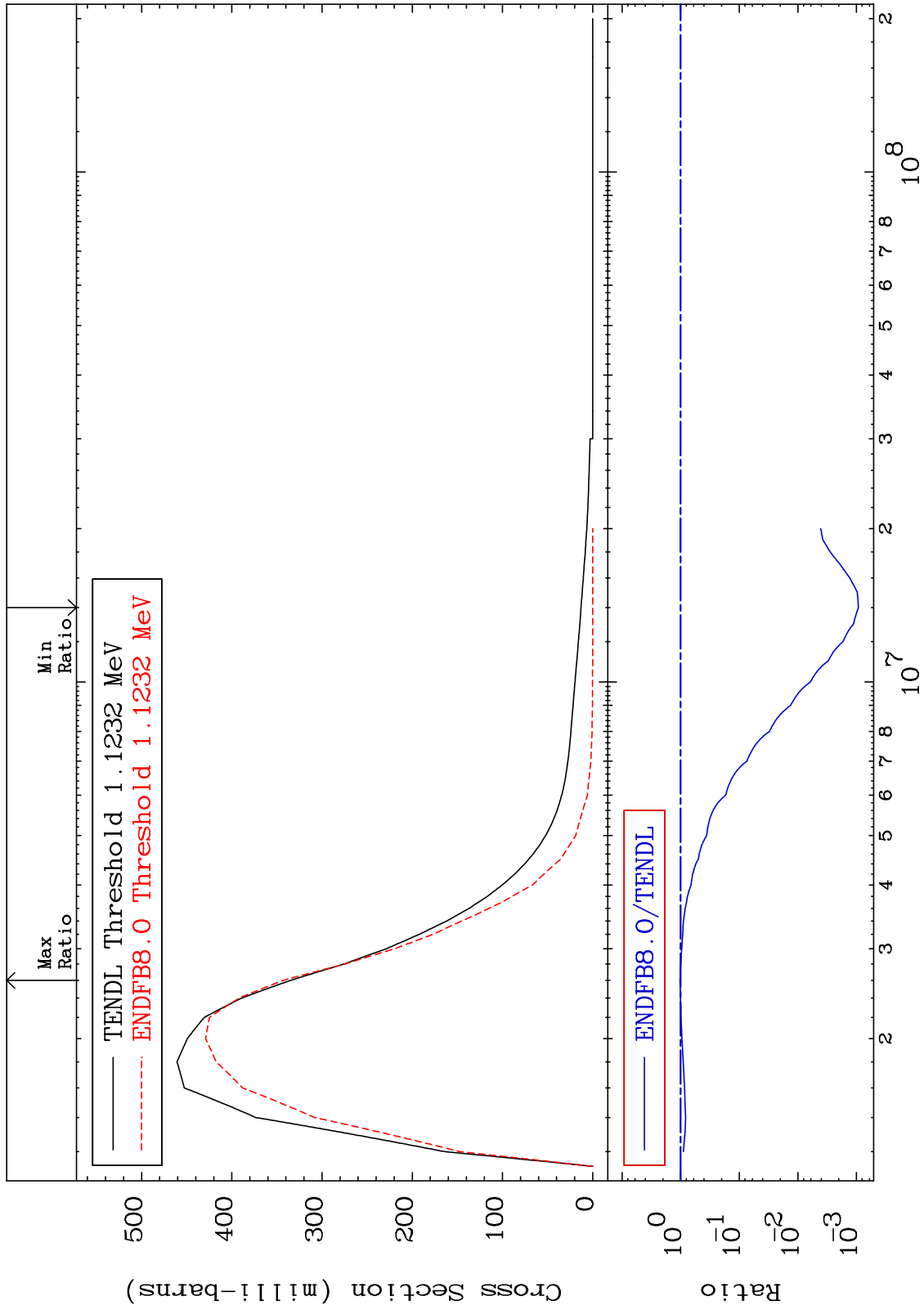
MAT 3243

MT= 51 (n,n') Level
Cross Section

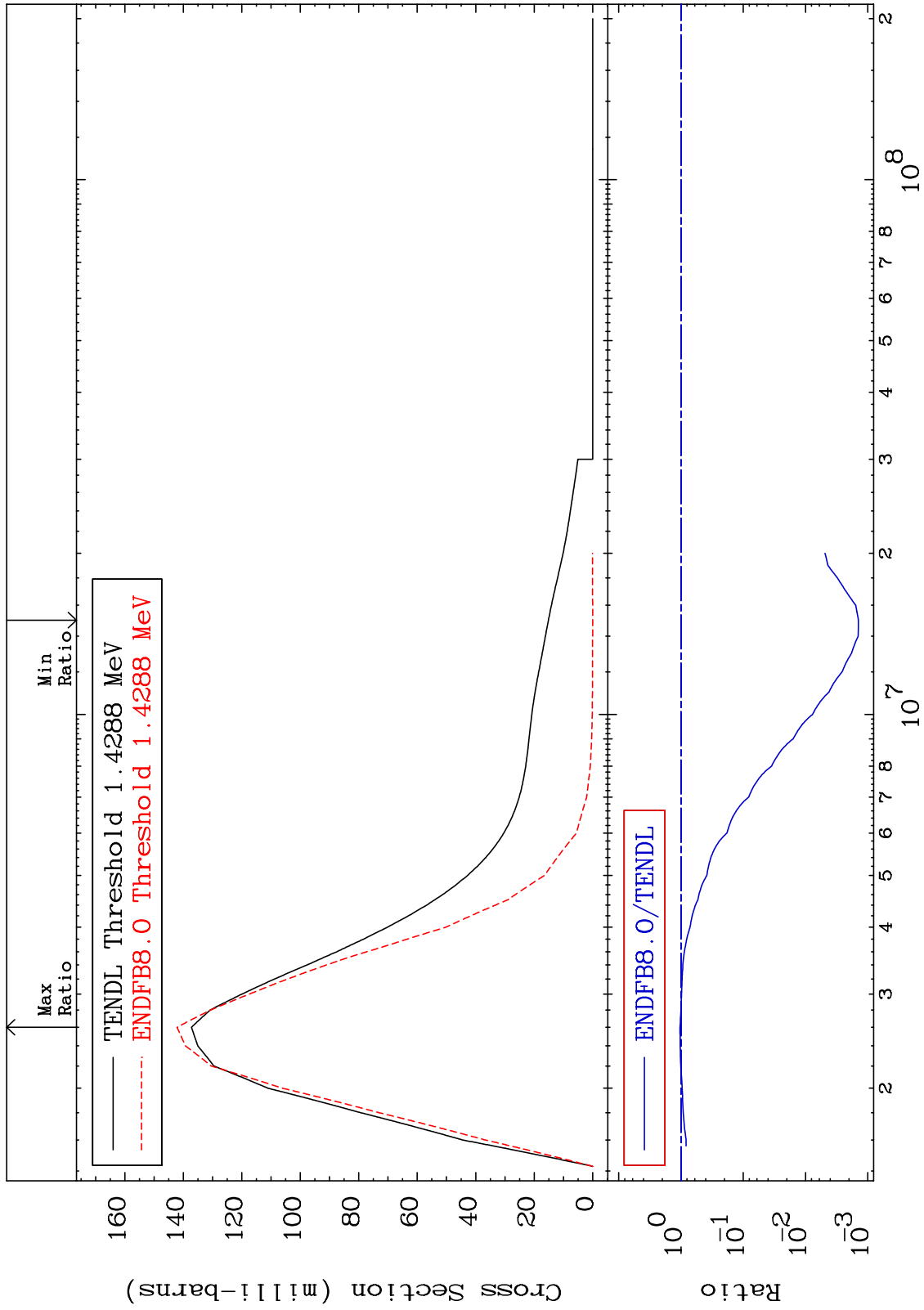
32-Ge-76
-27.08 To 51.68 %



MAT 3243 MT= 52 (n,n') Level Cross Section 32-Ge-76
-99.91 To 2.532 %



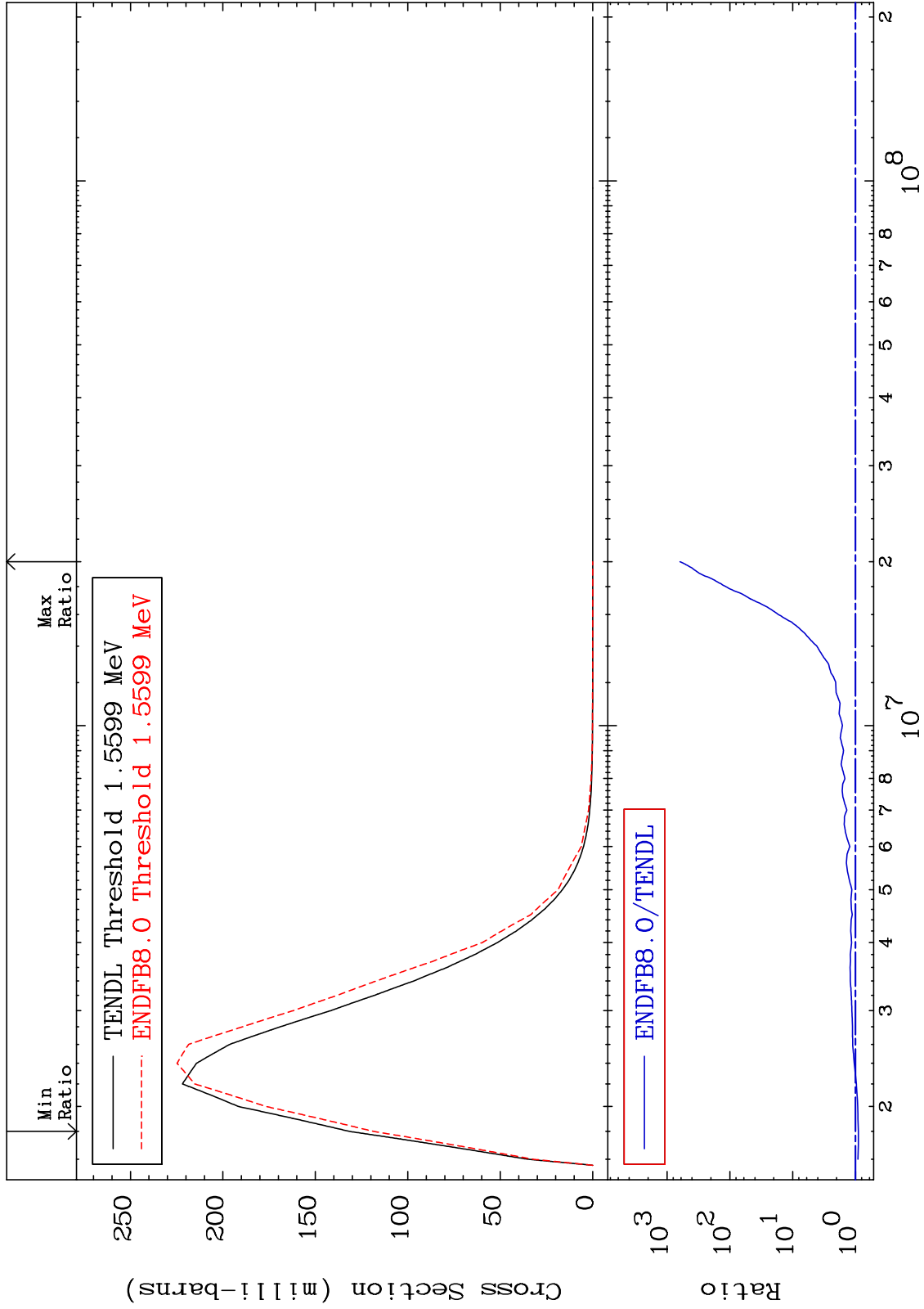
MAT 3243 MT= 53 (n, n') Level Cross Section -99.86 To 3.584 % 32-Ge-76



MAT 3243

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

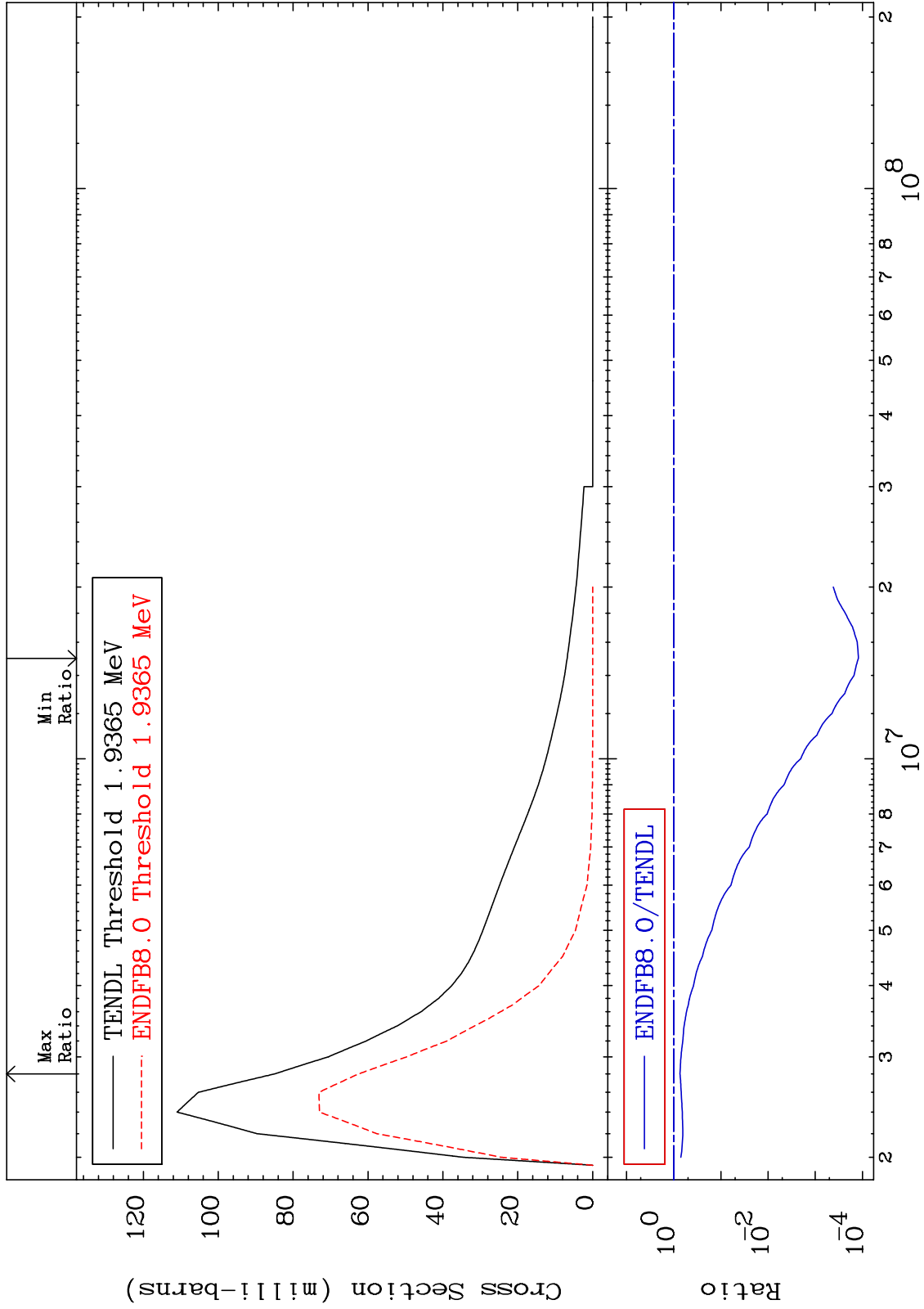
32-Ge-76
-9.891 To 9999. %



MAT 3243

MT= 55 (n,n') Level
Cross Section

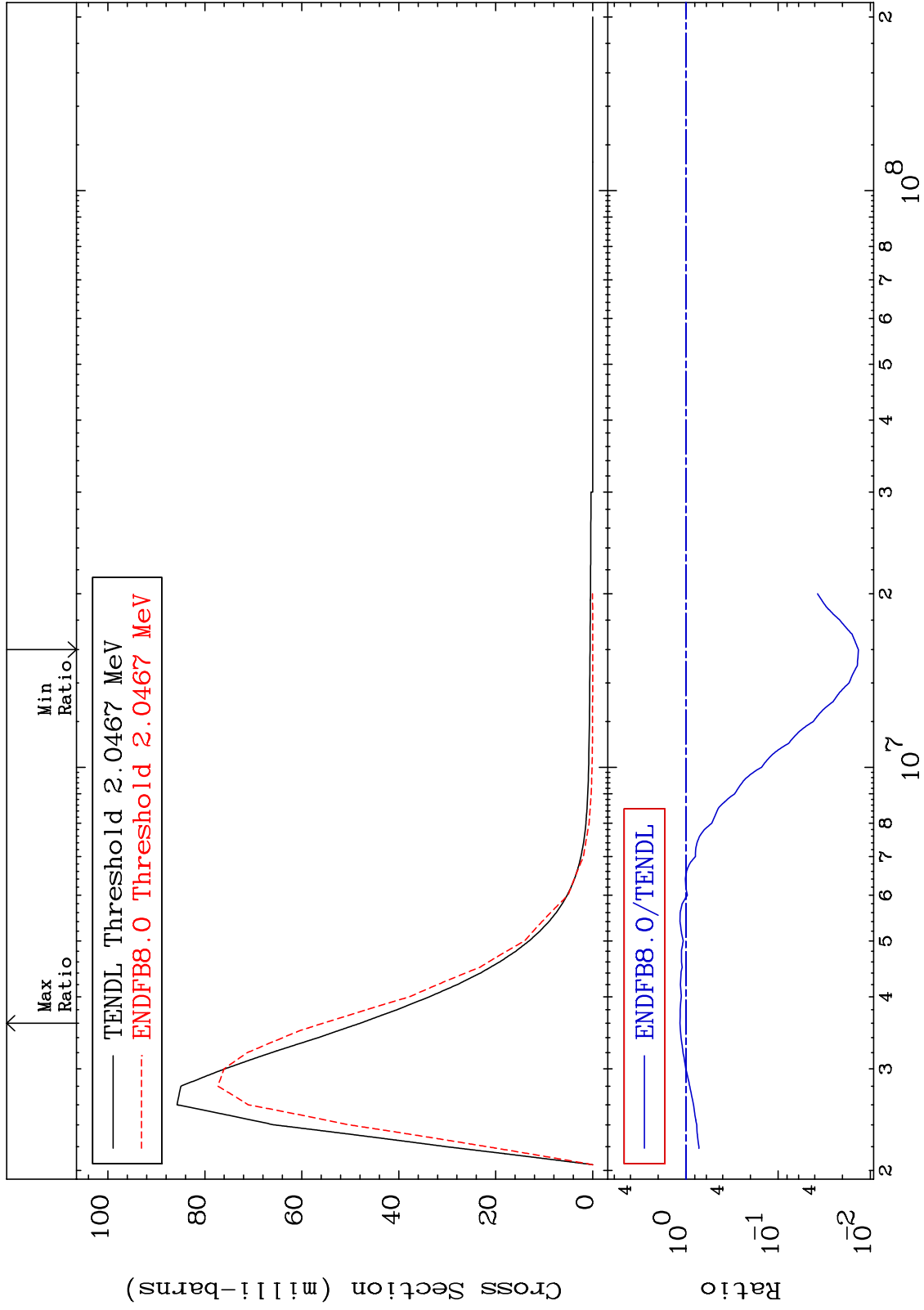
32-Ge-76
-99.99 To -26.42%



MAT 3243

MT= 56 (n,n') Level
Cross Section

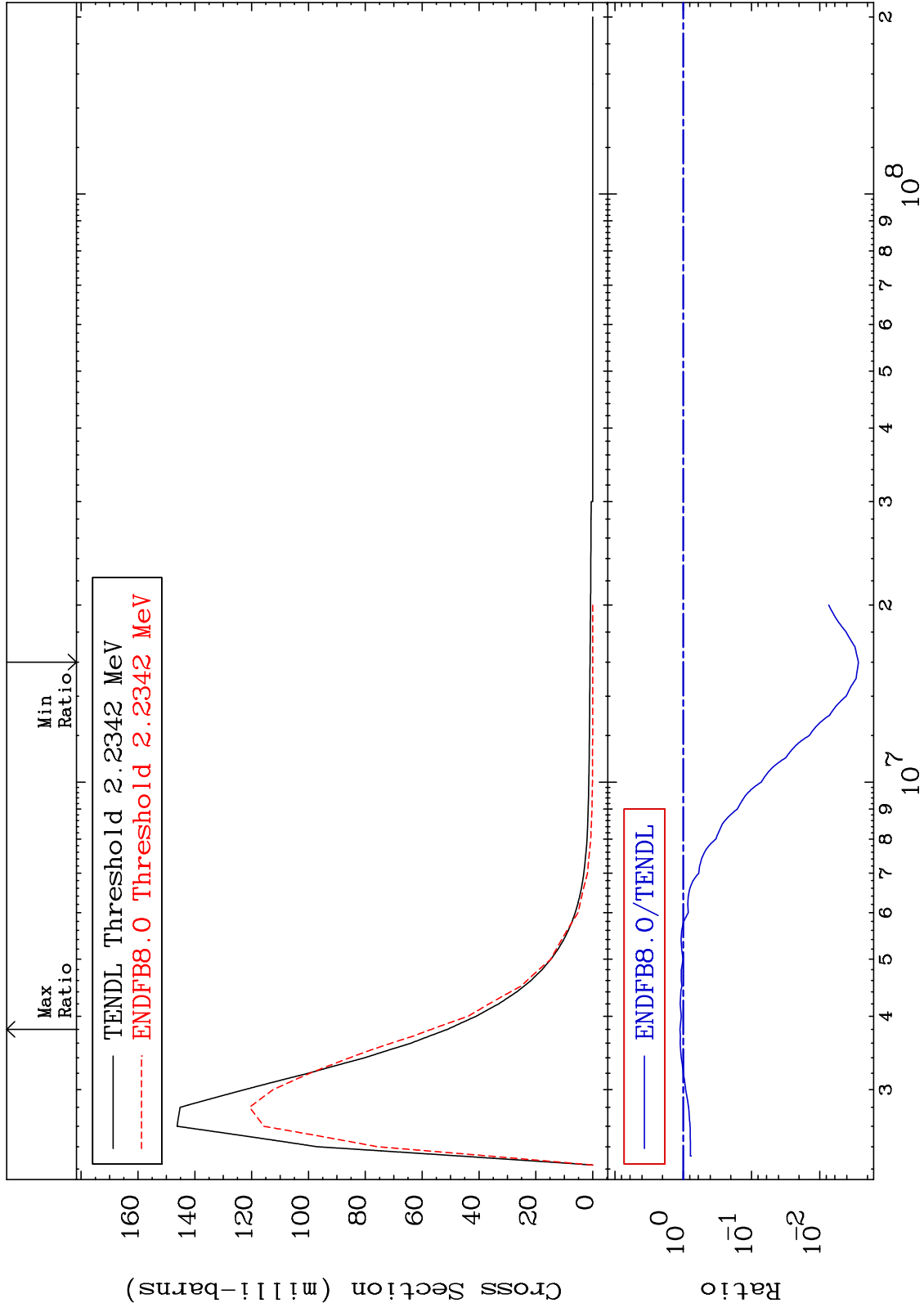
32-Ge-76
-98.66 To 15.96 %



MAT 3243

MT= 57 (n,n') Level
Cross Section

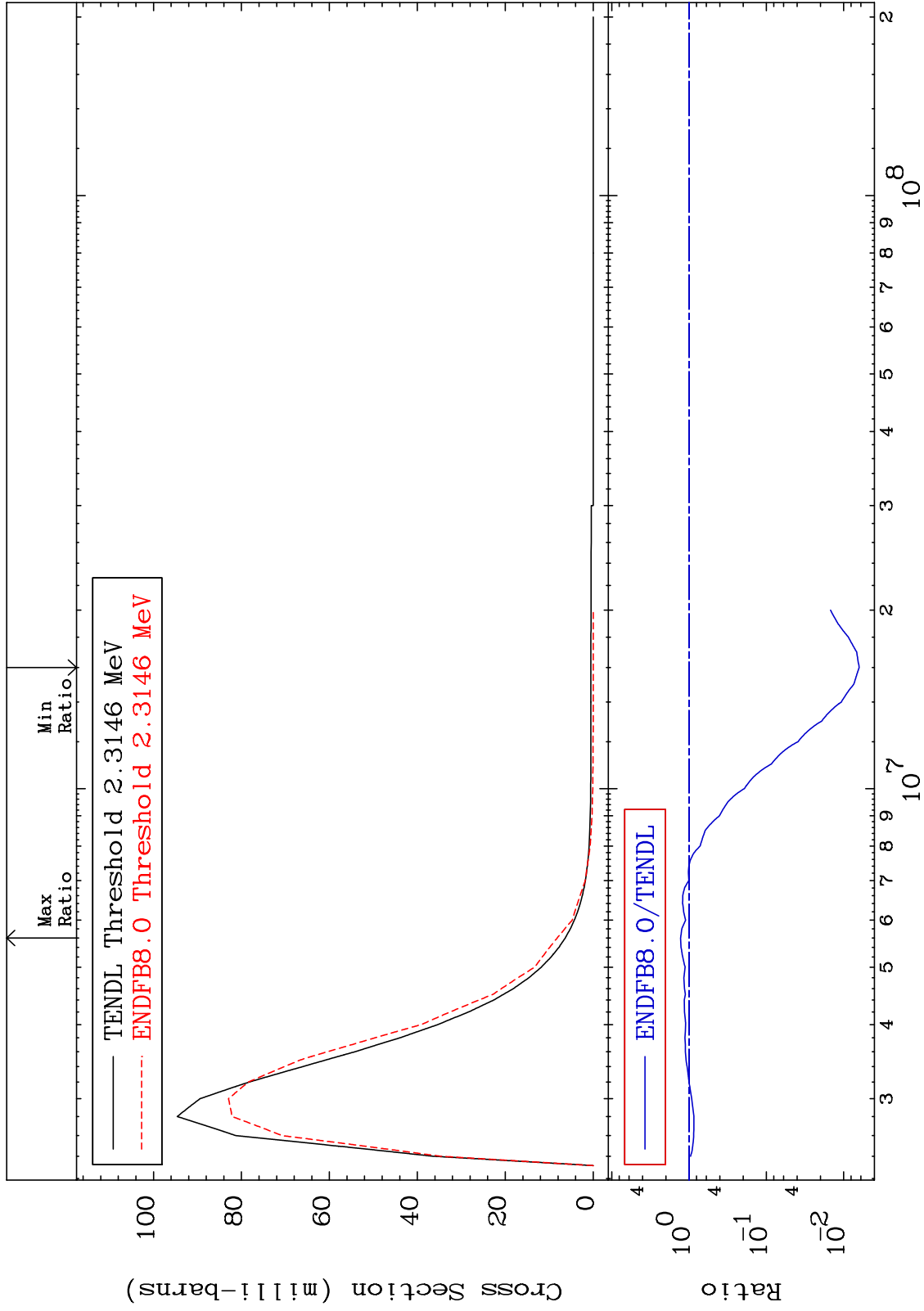
32-Ge-76
-99.73 To 11.12 %



MAT 3243

MT= 58 (n,n') Level
Cross Section

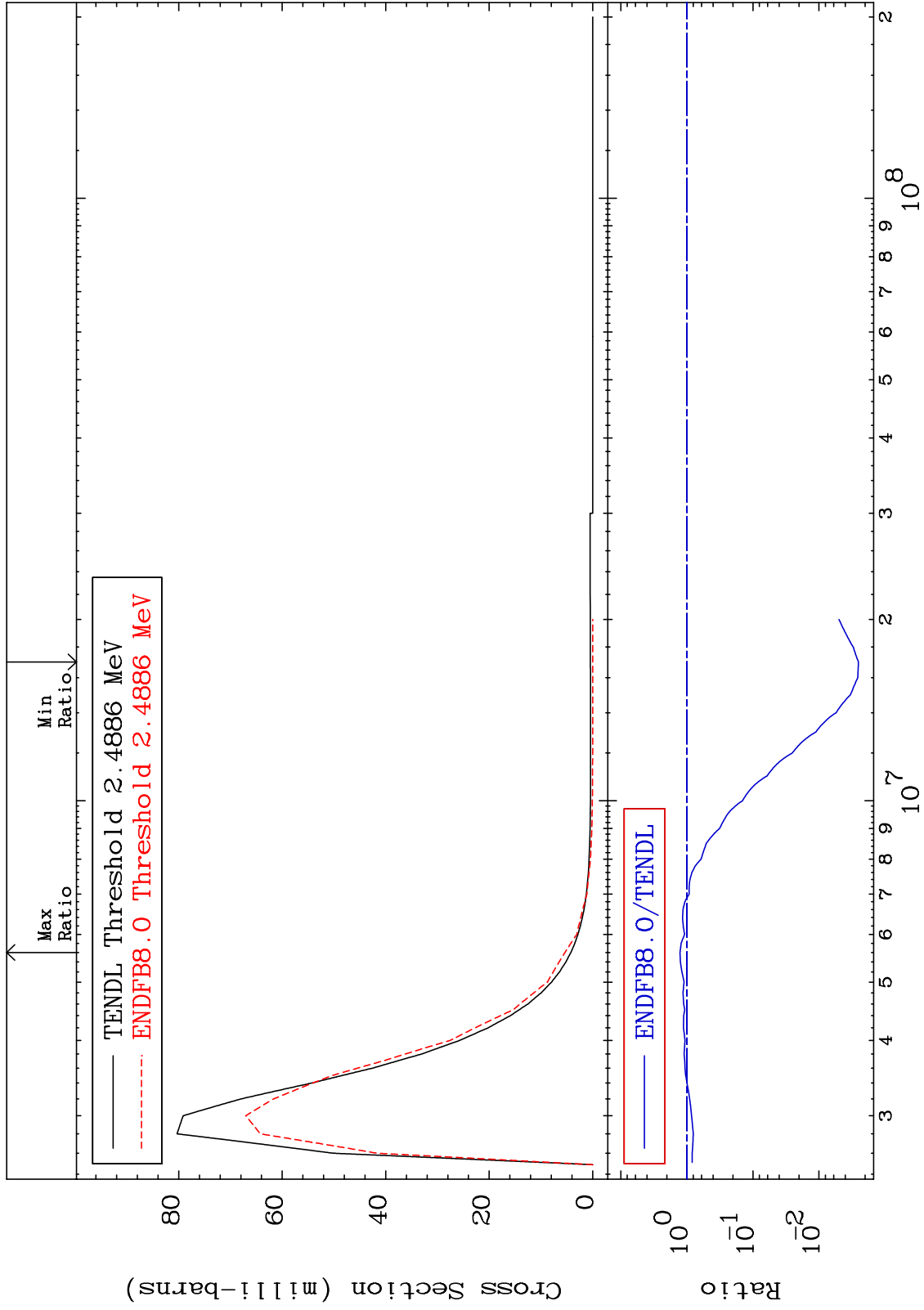
32-Ge-76
-99.37 To 28.67 %



MAT 3243

MT= 59 (n,n') Level
Cross Section

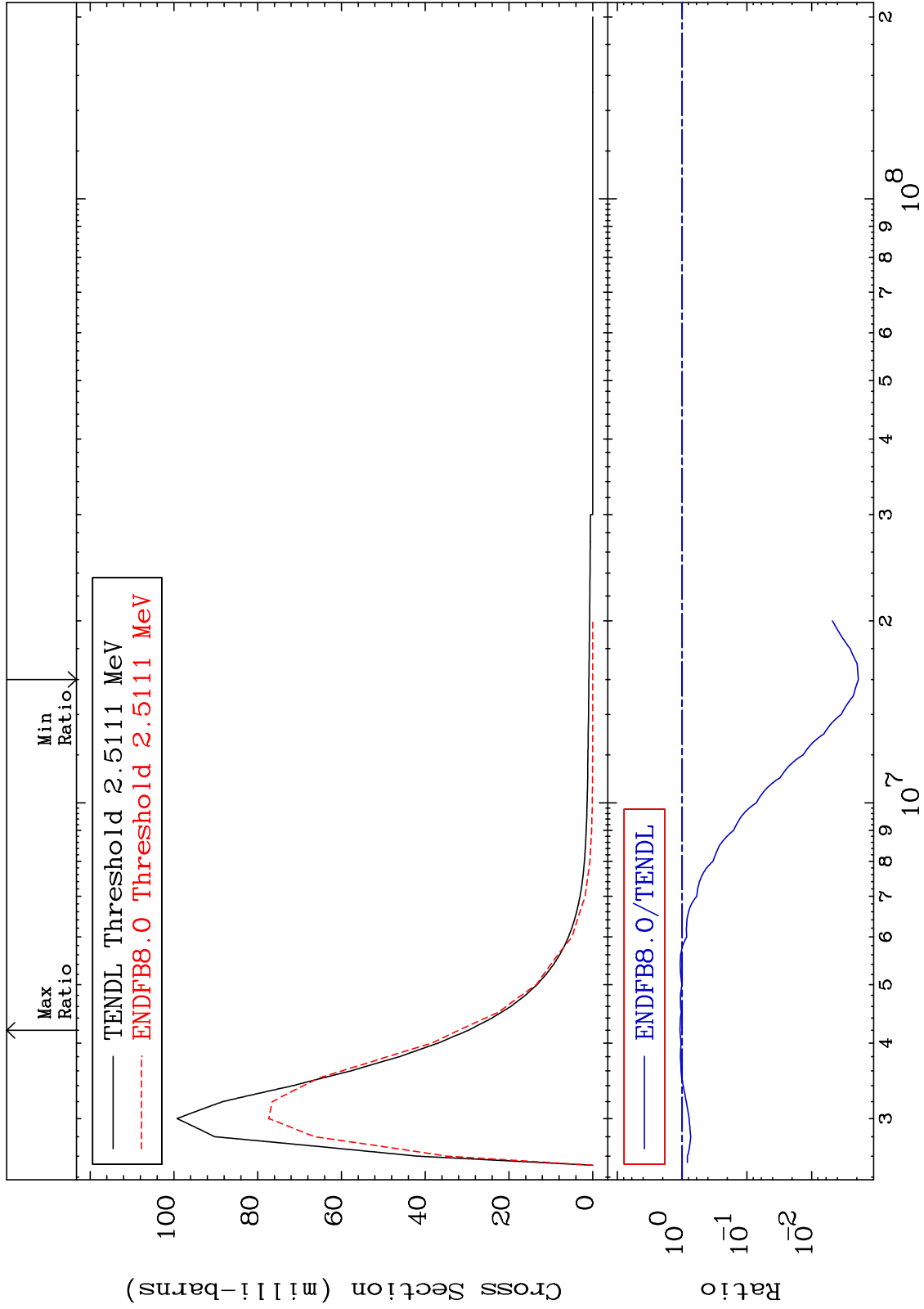
32-Ge-76
-99.75 To 26.87 %



MAT 3243

MT= 60 (n,n') Level
Cross Section

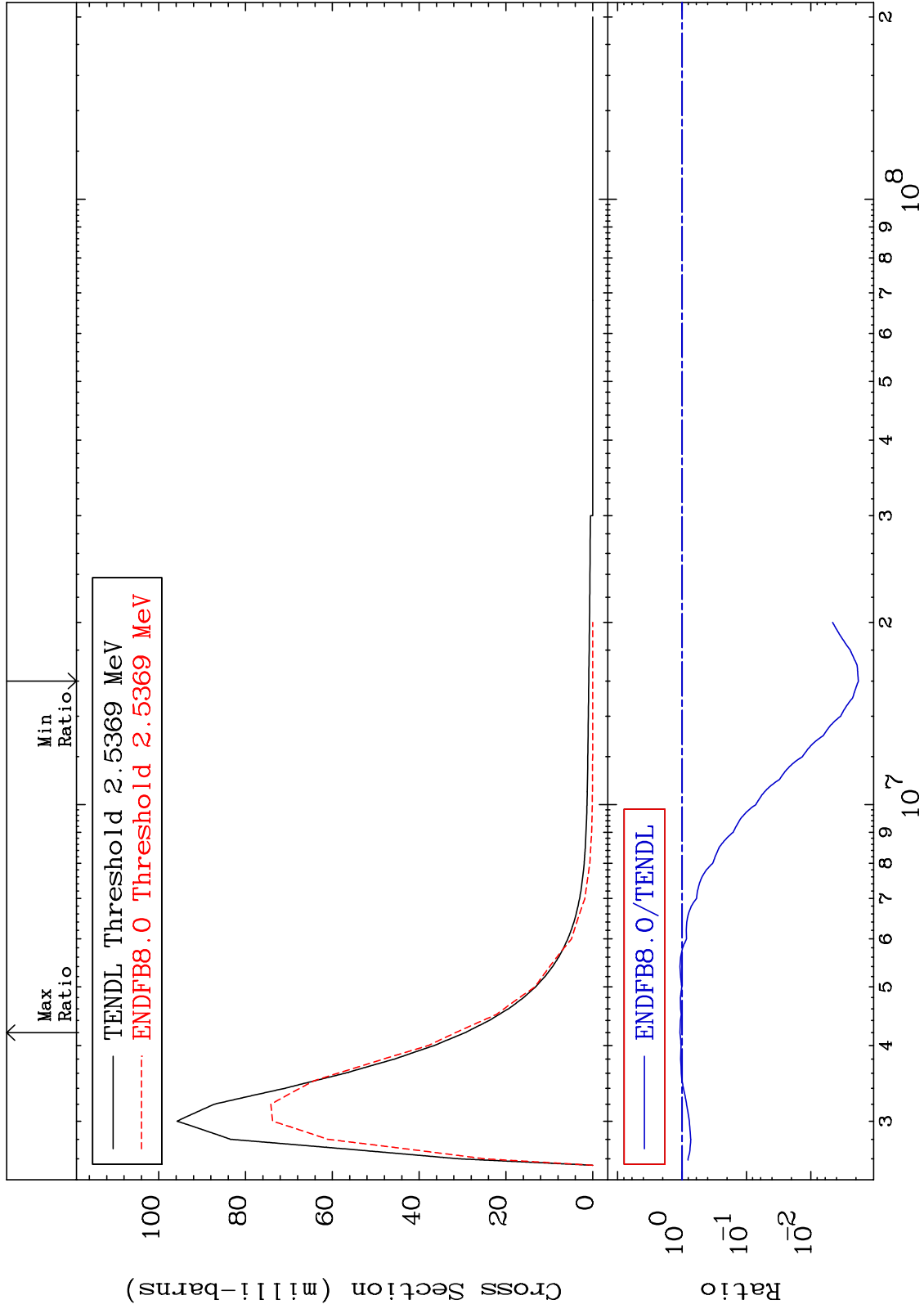
32-Ge-76
-99.81 To 7.789 %



MAT 3243

MT= 61 (n,n') Level
Cross Section

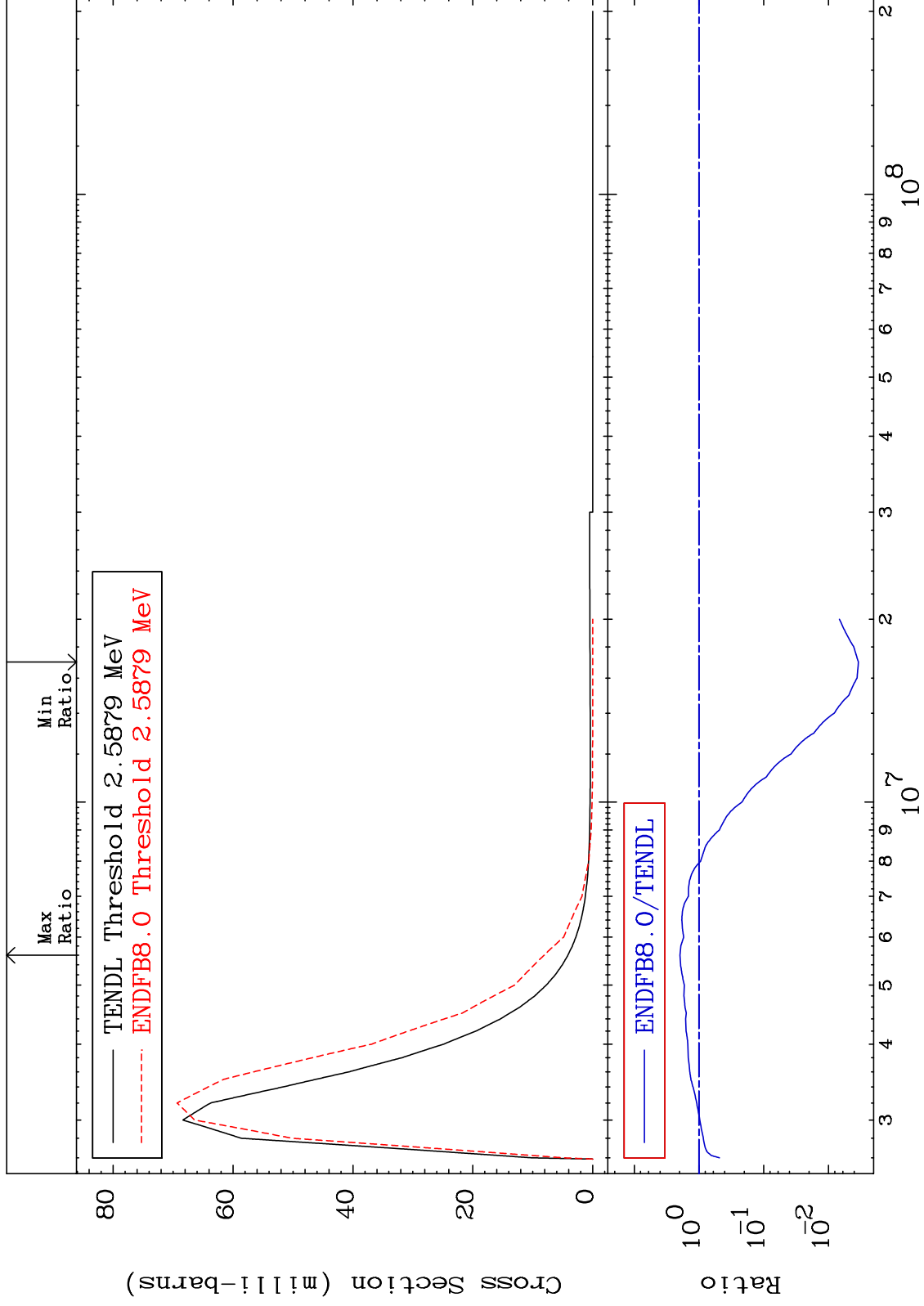
32-Ge-76
-99.82 To 7.493 %



MAT 3243

MT= 62 (n,n') Level
Cross Section

32-Ge-76
-99.66 To 96.51 %



20

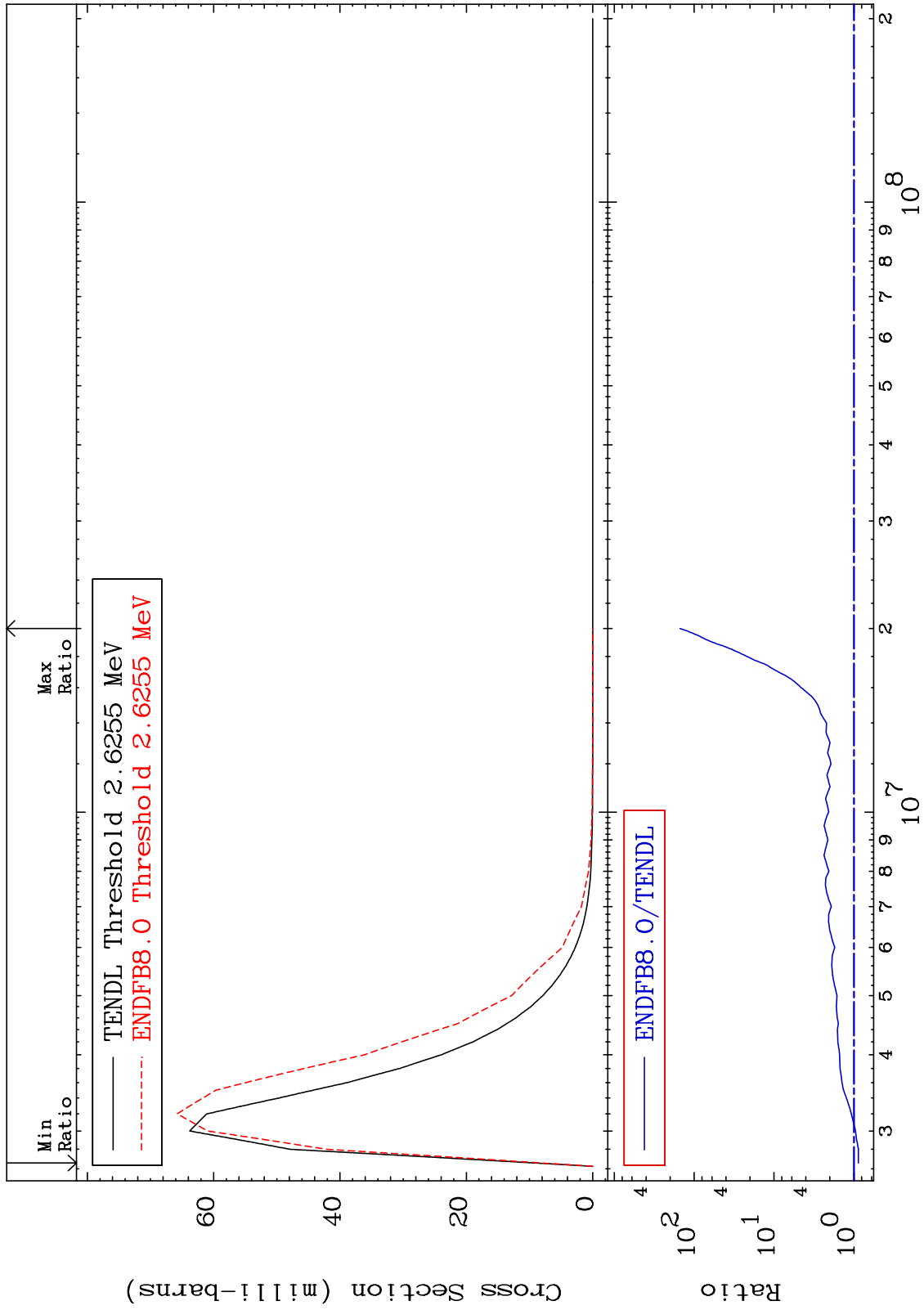
Incident Energy (eV)

32-Ge-76

MAT 3243

MT= 63 (n,n') Level
Cross Section

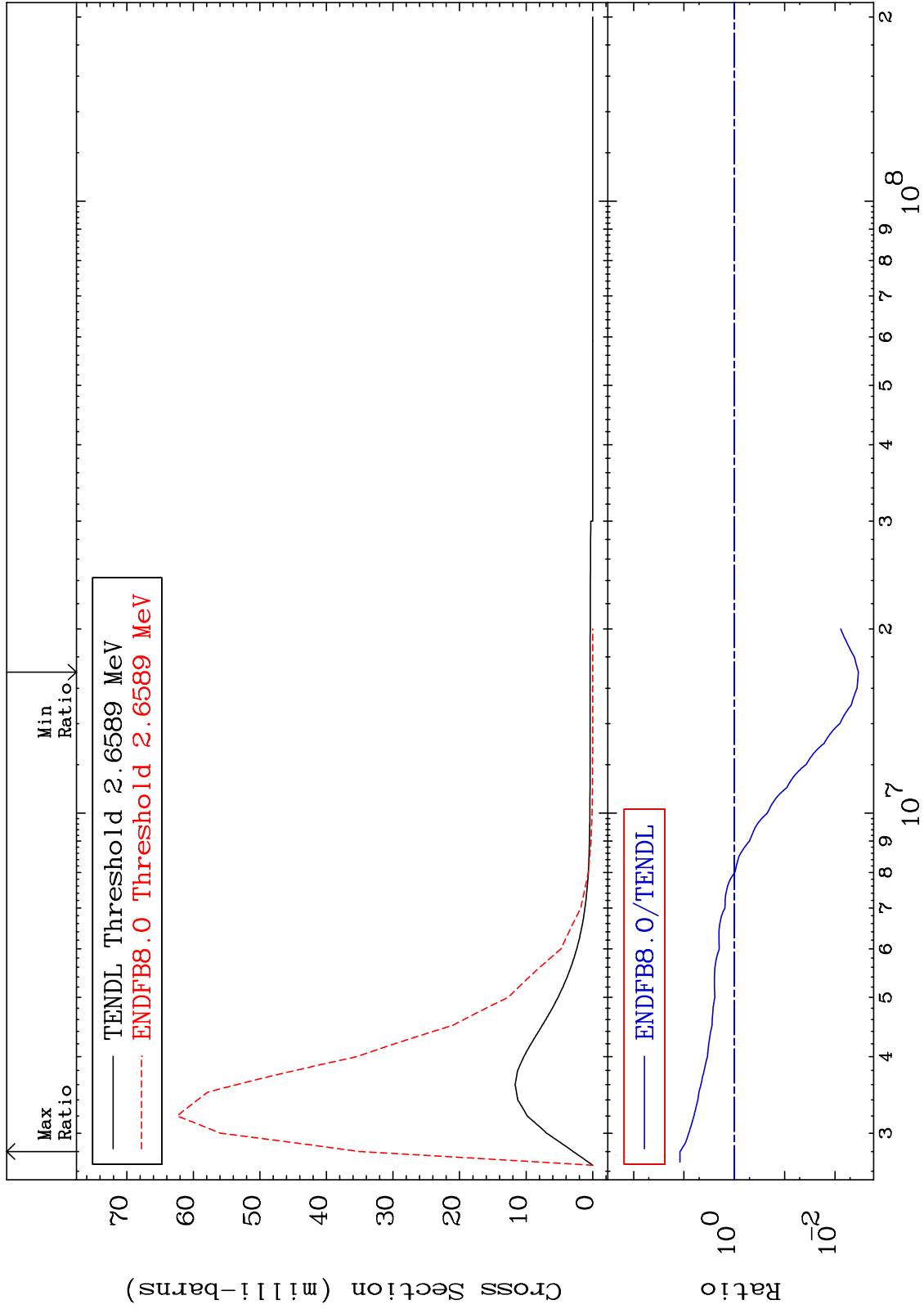
32-Ge-76
-12.11 To 9999. %



MAT 3243

MT= 64 (n,n') Level
Cross Section

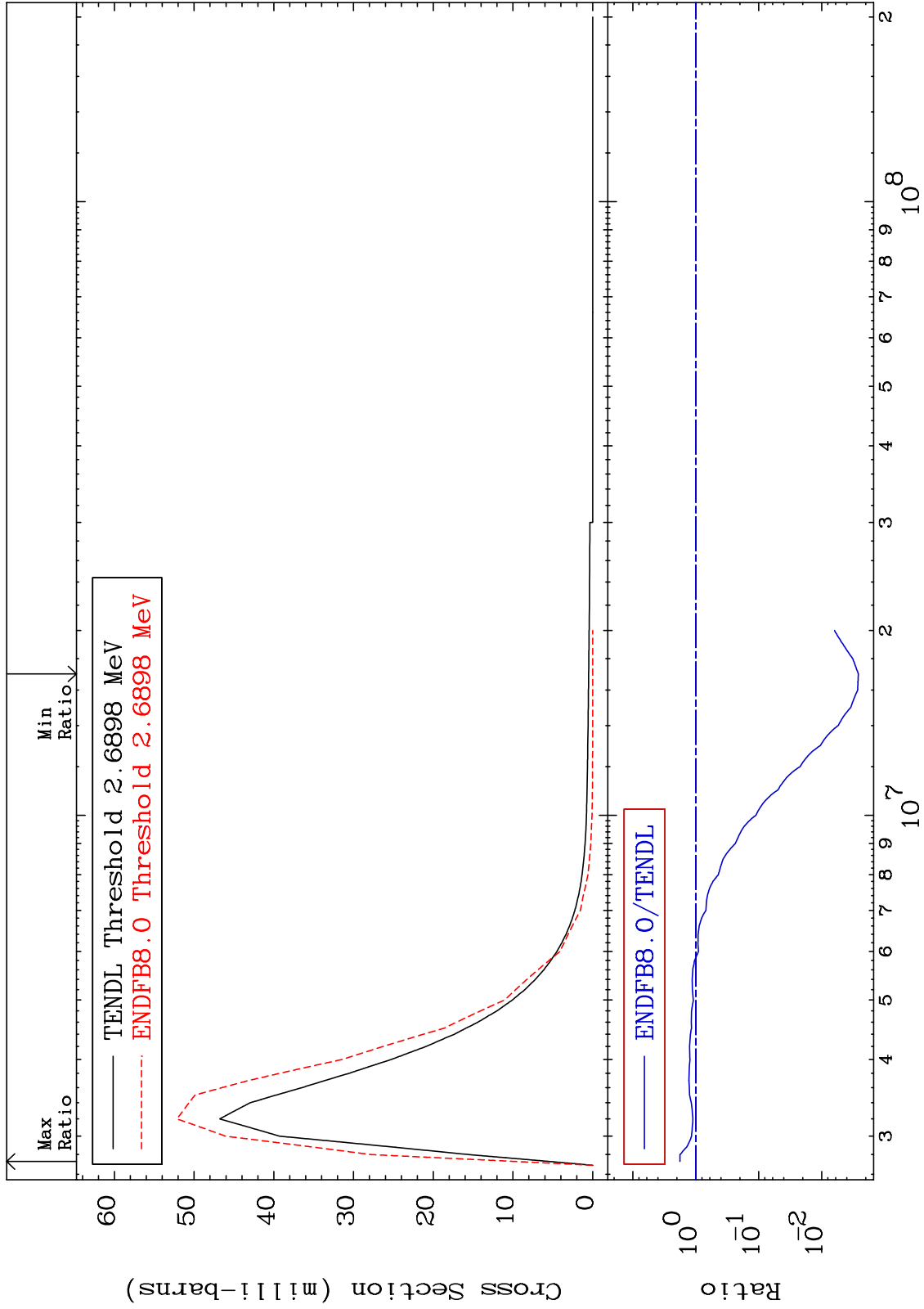
32-Ge-76
-99.66 To 1097. %



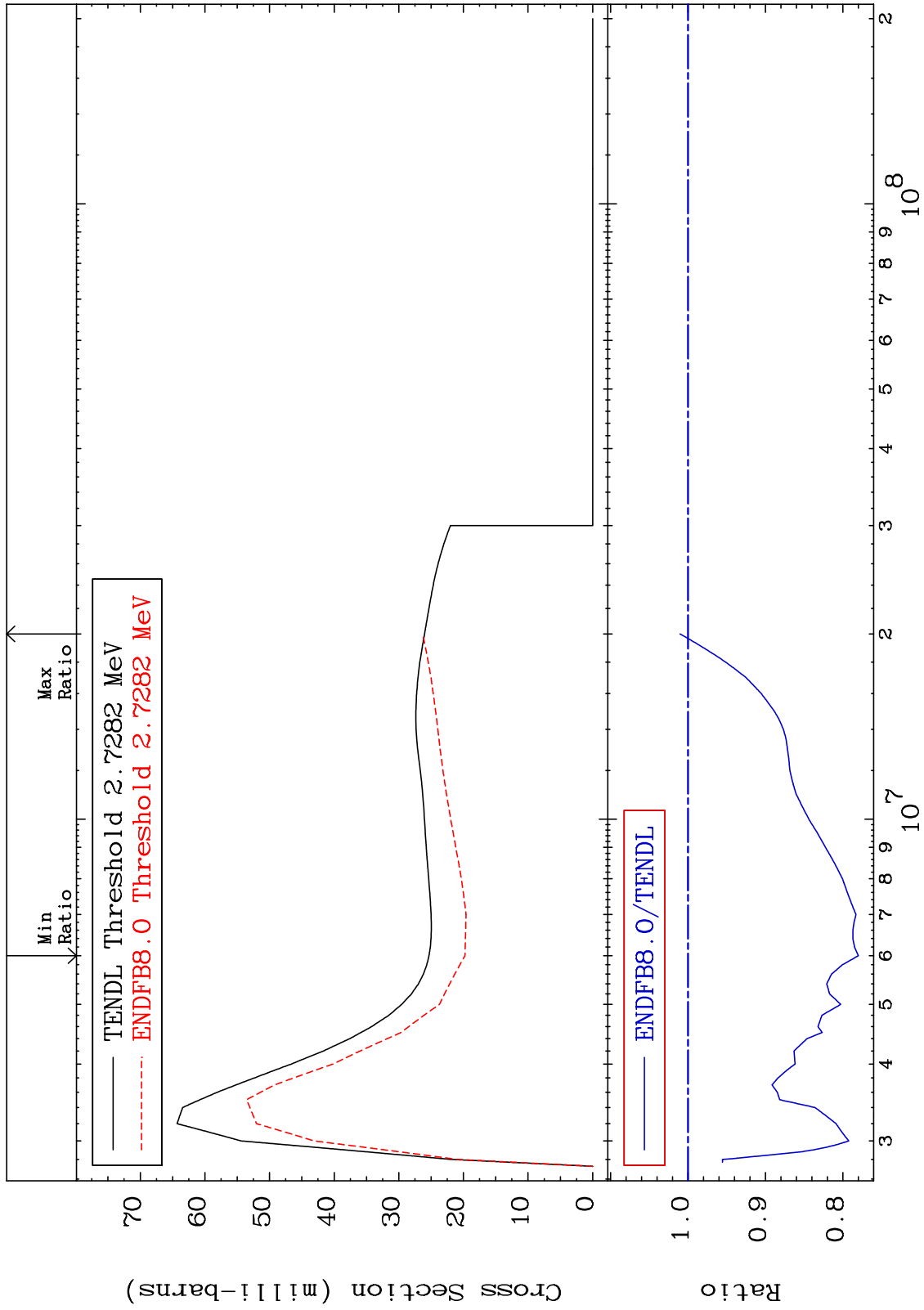
MAT 3243

MT= 65 (n,n') Level
Cross Section

32-Ge-76
-99.74 To 78.54 %



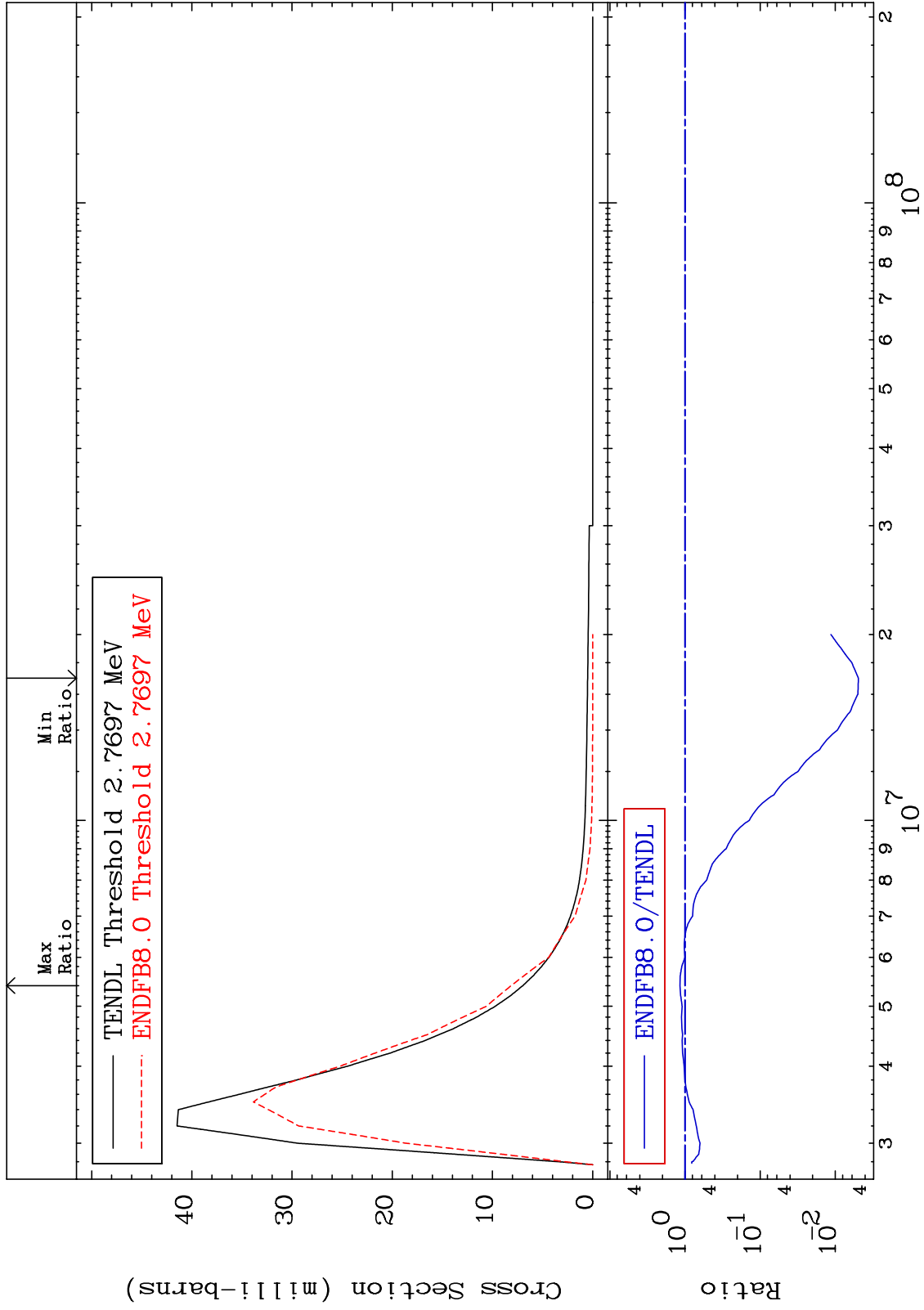
MAT 3243 MT= 66 (n,n') Level Cross Section -21.99 To 1.037 % 32-Ge-76



MAT 3243

MT= 67 (n,n') Level
Cross Section

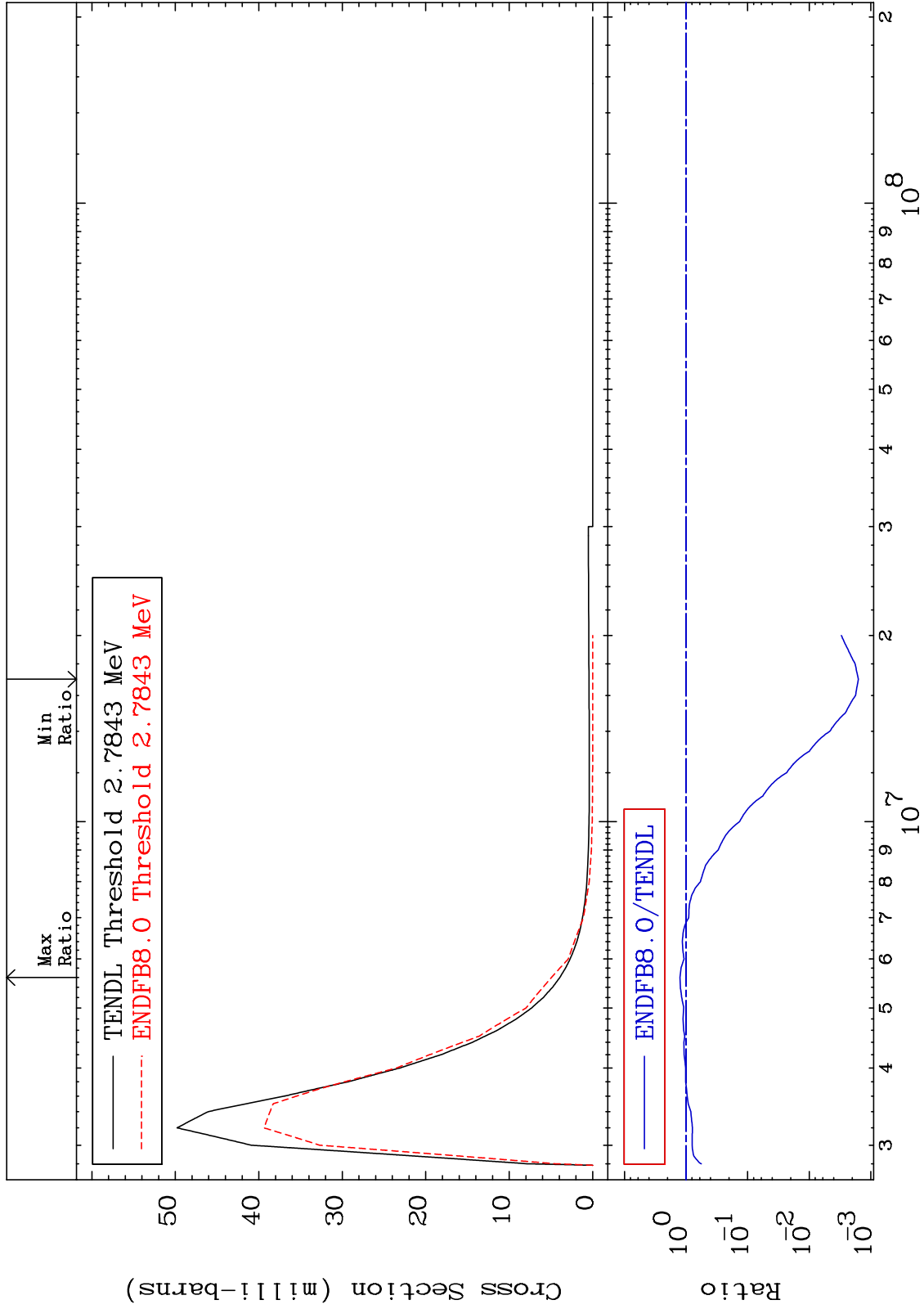
32-Ge-76
-99.51 To 16.57 %



MAT 3243

MT= 68 (n,n') Level
Cross Section

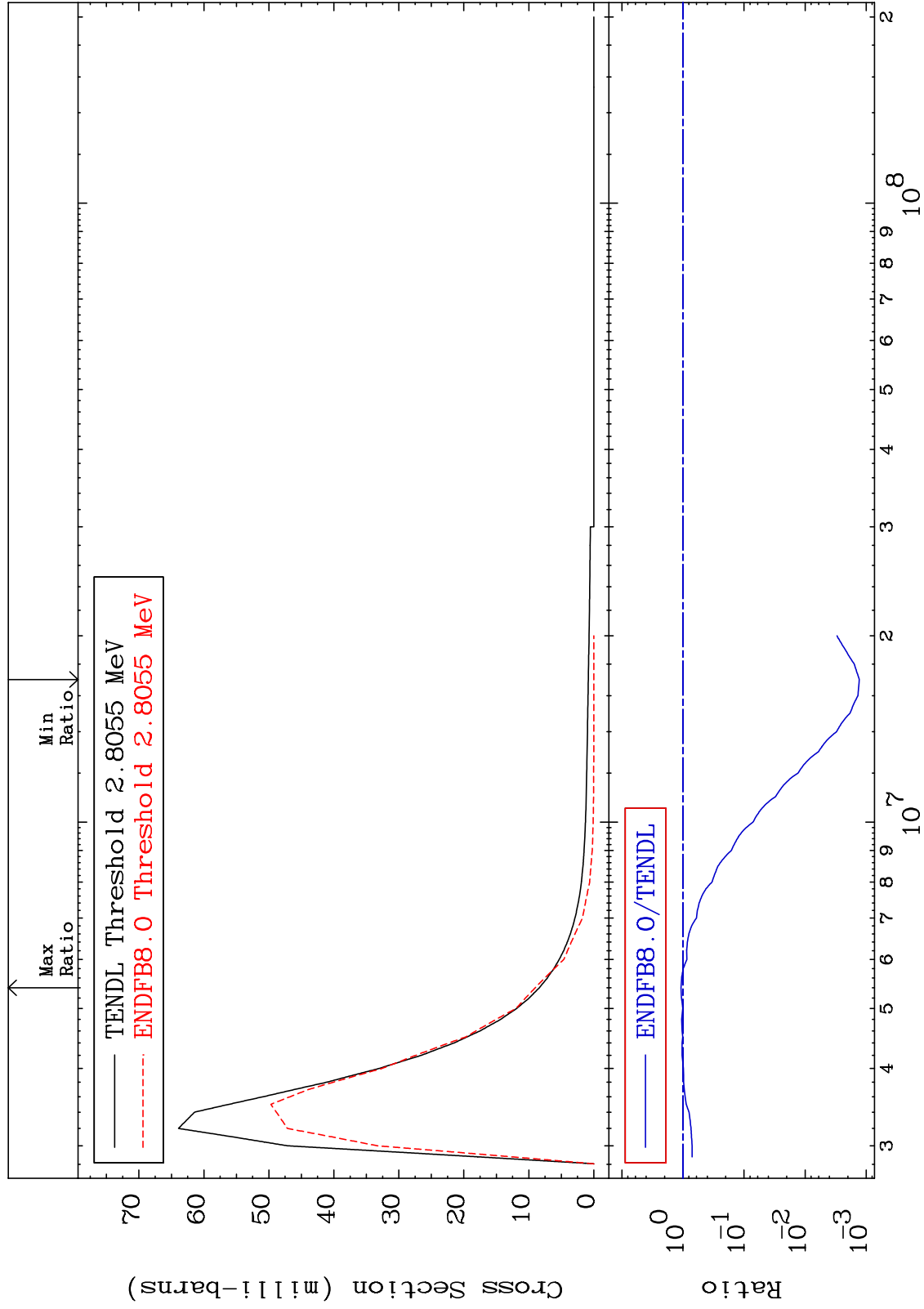
32-Ge-76
-99.84 To 25.46 %



MAT 3243

MT= 69 (n,n') Level
Cross Section

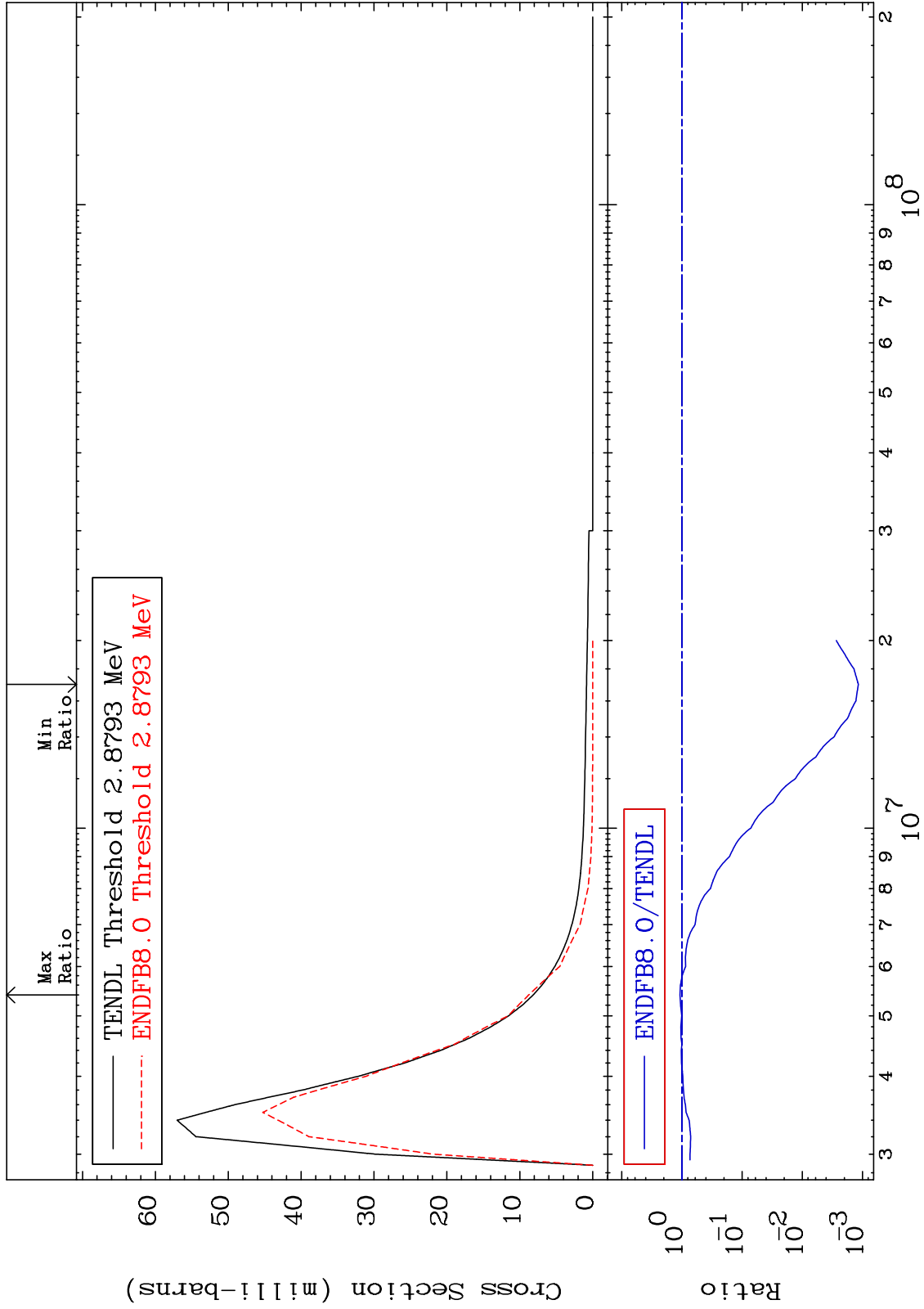
32-Ge-76
-99.87 To 7.483 %



MAT 3243

MT= 70 (n,n') Level
Cross Section

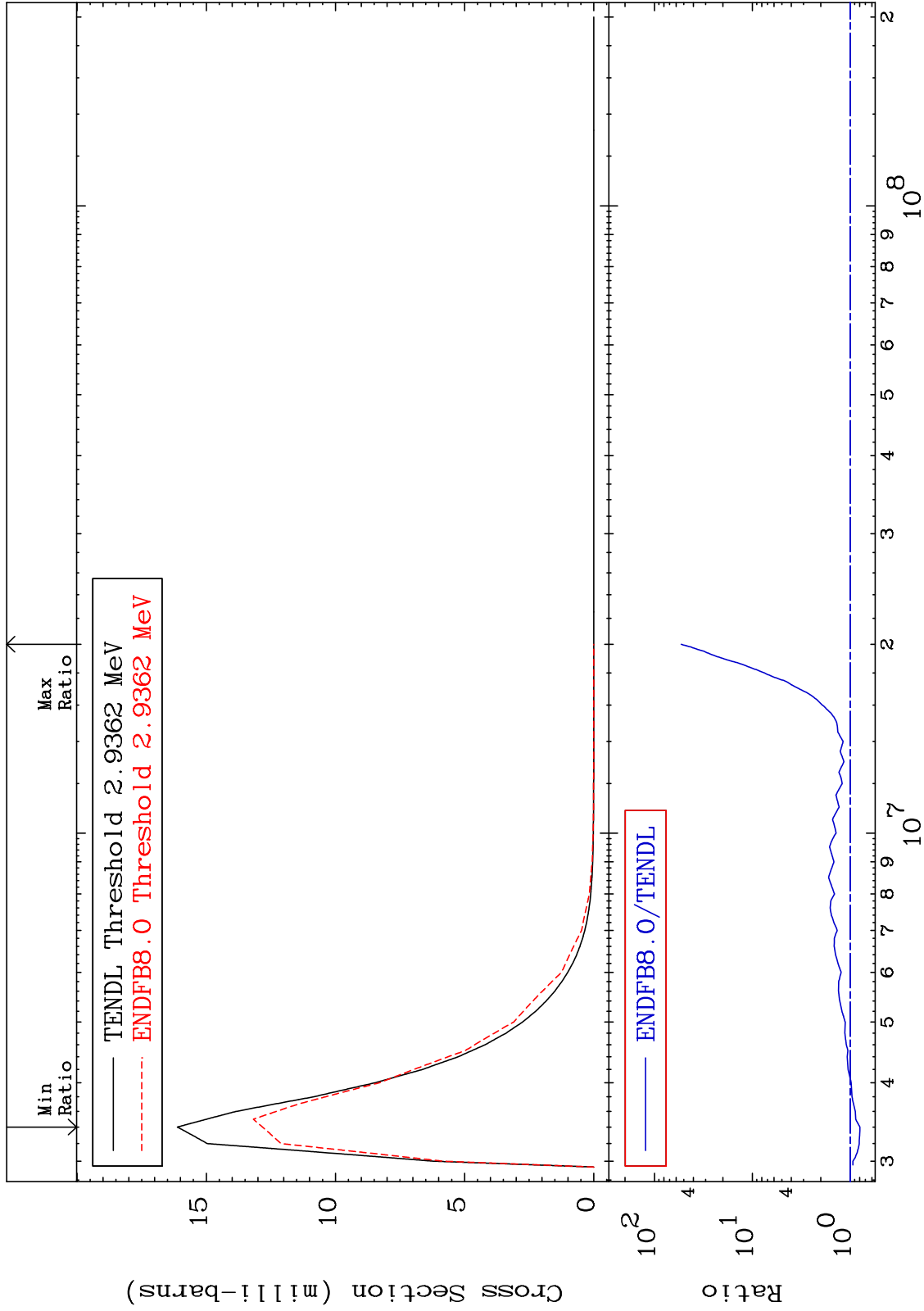
32-Ge-76
-99.88 To 7.482 %



MAT 3243

MT= 71 (n,n') Level
Cross Section

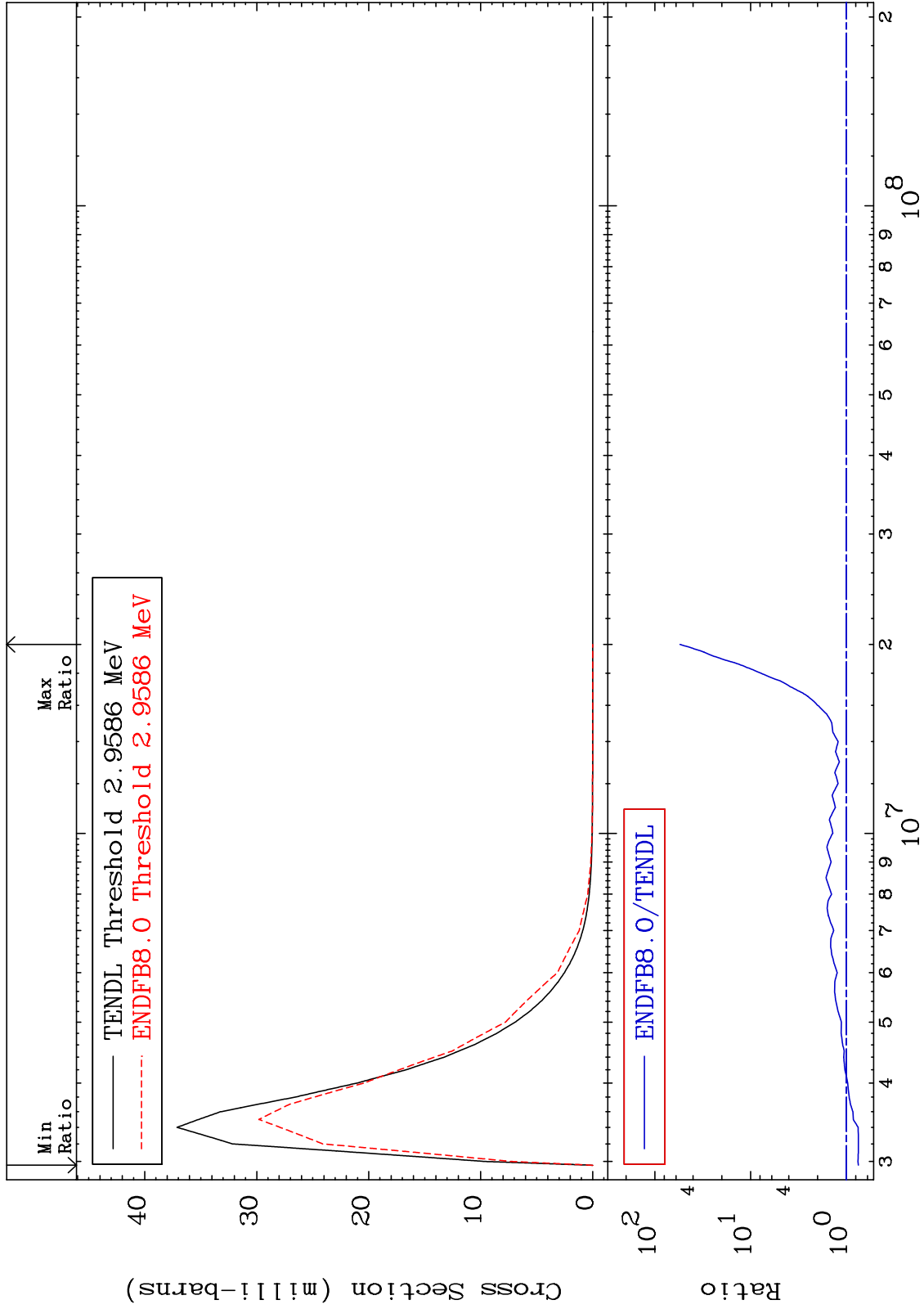
32-Ge-76
-20.47 To 5223. %



MAT 3243

MT= 72 (n,n') Level
Cross Section

32-Ge-76
-25.15 To 5361. %



30

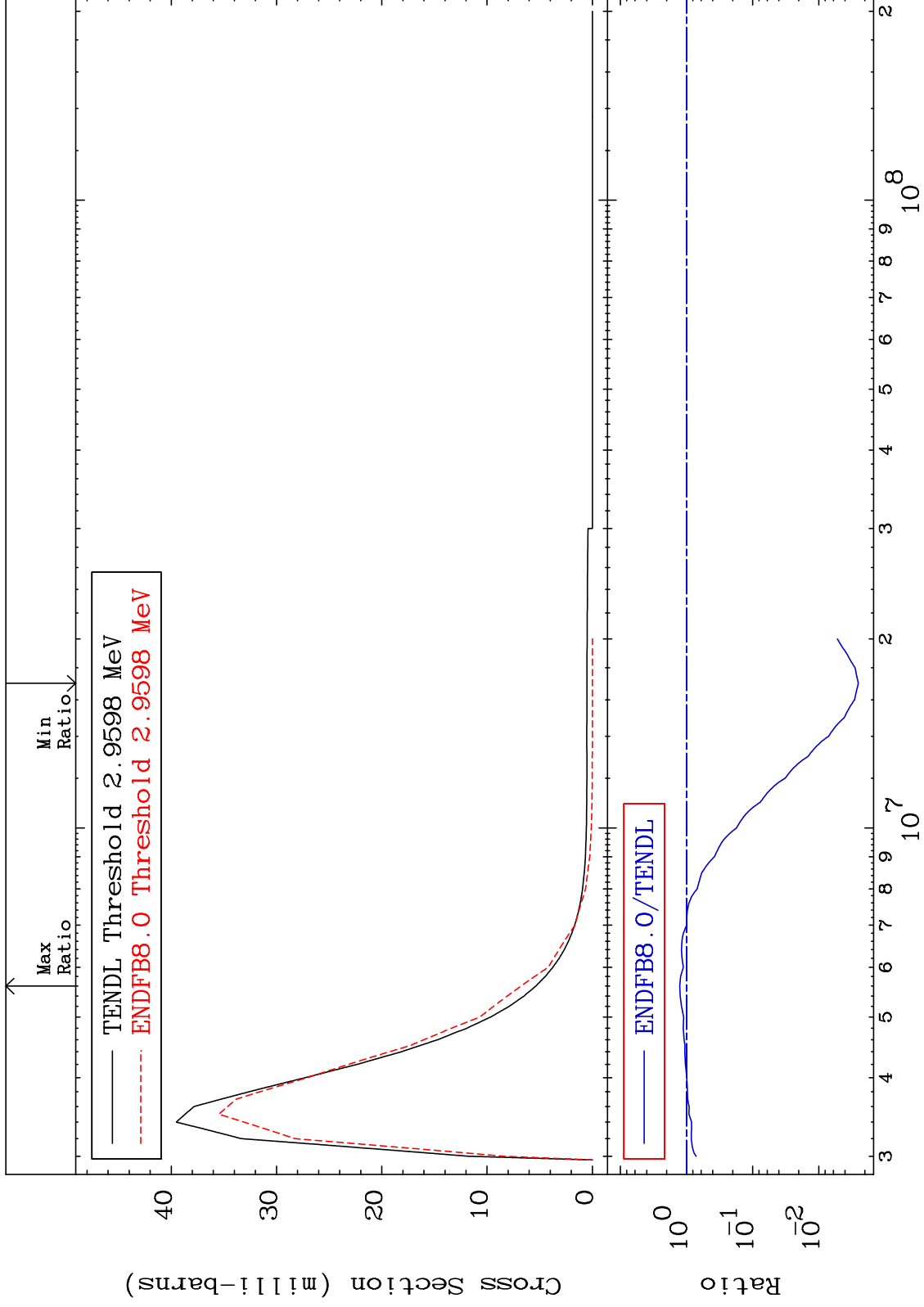
Incident Energy (eV)

32-Ge-76

MAT 3243

MT= 73 (n,n') Level
Cross Section

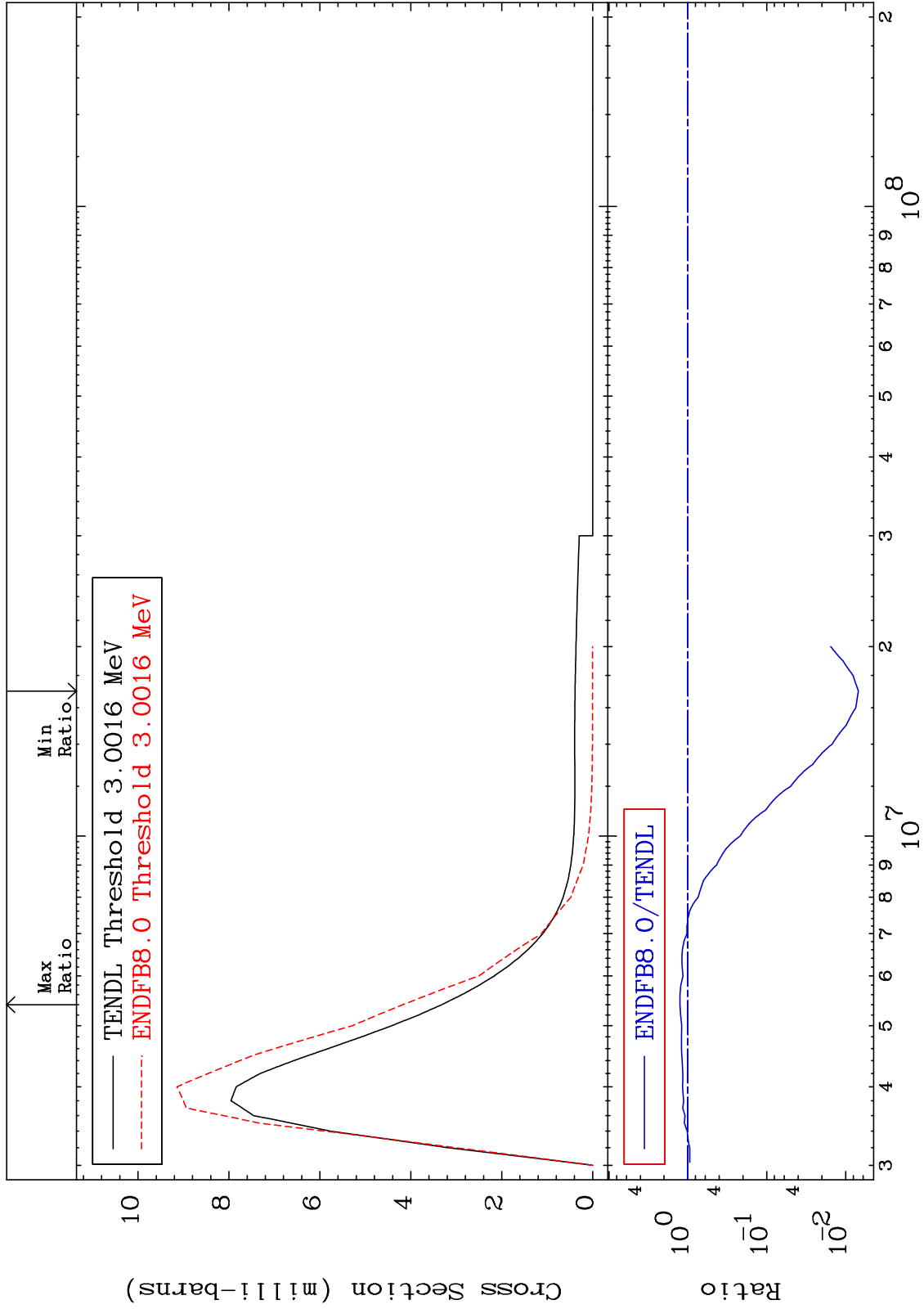
32-Ge-76
-99.75 To 26.20 %



MAT 3243

MT= 74 (n,n') Level
Cross Section

32-Ge-76
-99.31 To 25.72 %



32

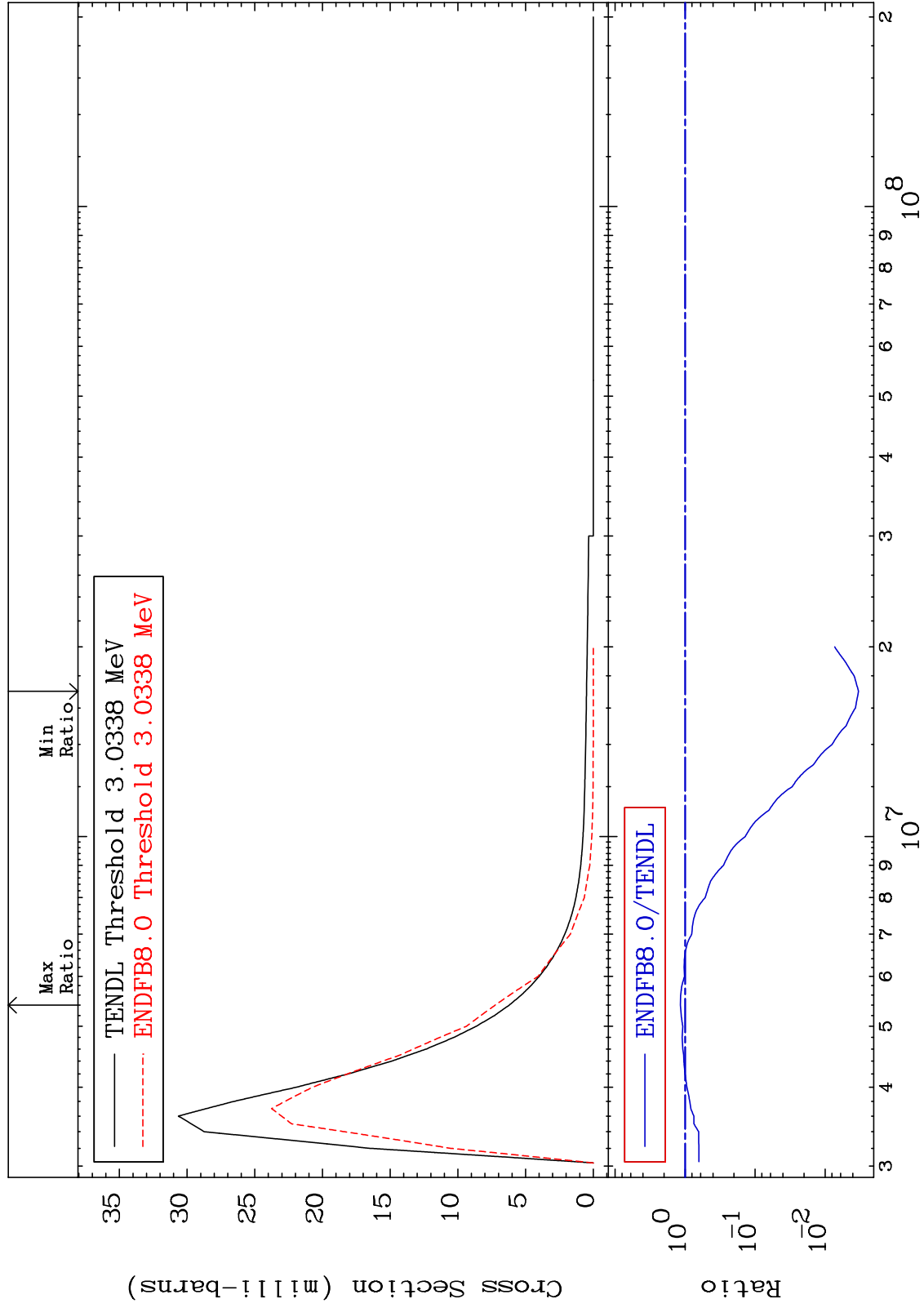
32-Ge-76

32-Ge-76

MAT 3243

MT= 75 (n,n') Level
Cross Section

32-Ge-76
-99.67 To 16.67 %



33

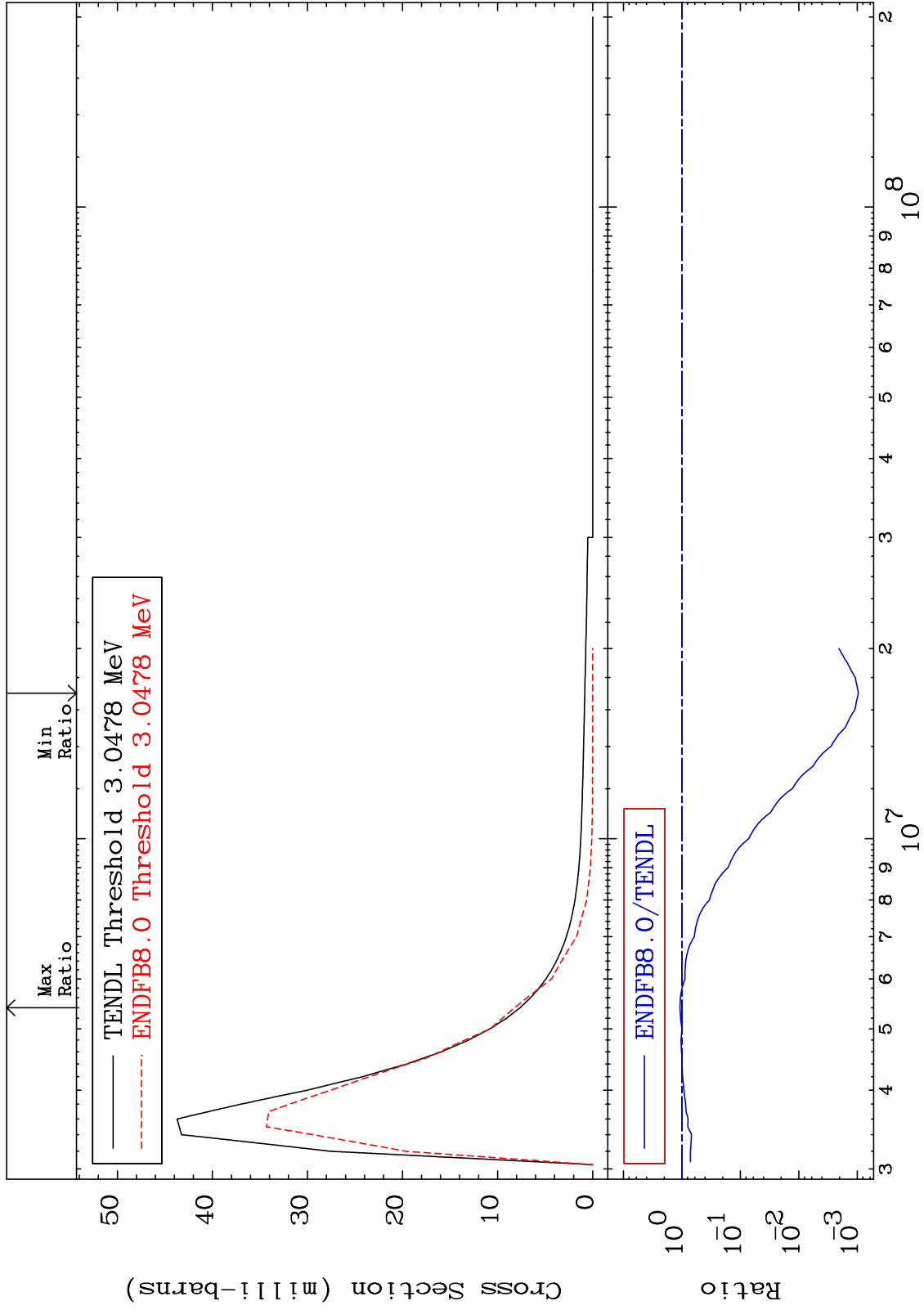
Incident Energy (eV)

32-Ge-76

MAT 3243

MT= 76 (n,n') Level
Cross Section

32-Ge-76
-99.90 To 7.317 %



34

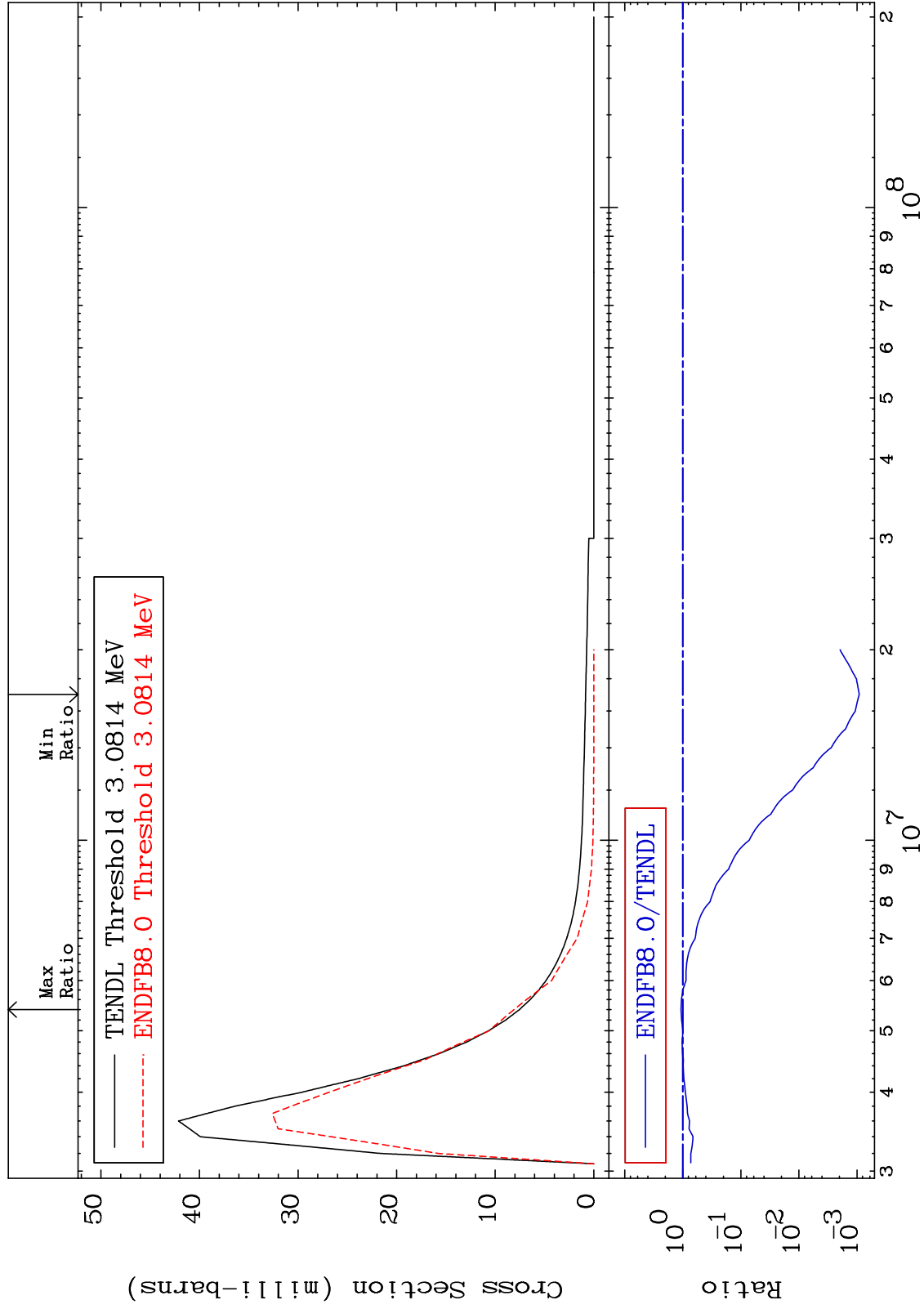
Incident Energy (eV)

32-Ge-76

MAT 3243

MT= 77 (n,n') Level
Cross Section

32-Ge-76
-99.91 To 7.266 %



35

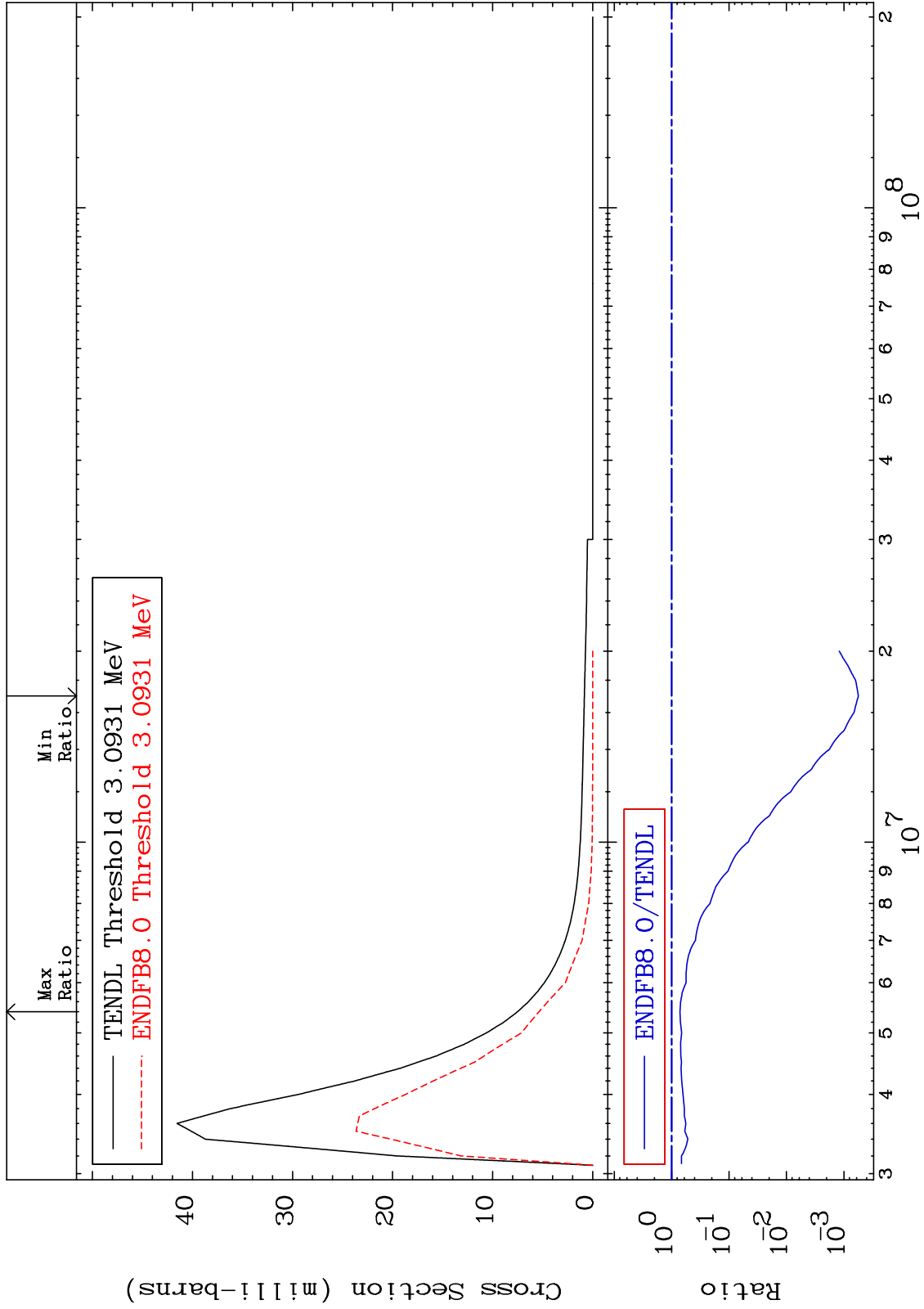
Incident Energy (eV)

32-Ge-76

MAT 3243

MT= 78 (n,n') Level
Cross Section

32-Ge-76
-99.94 To -28.50%



36

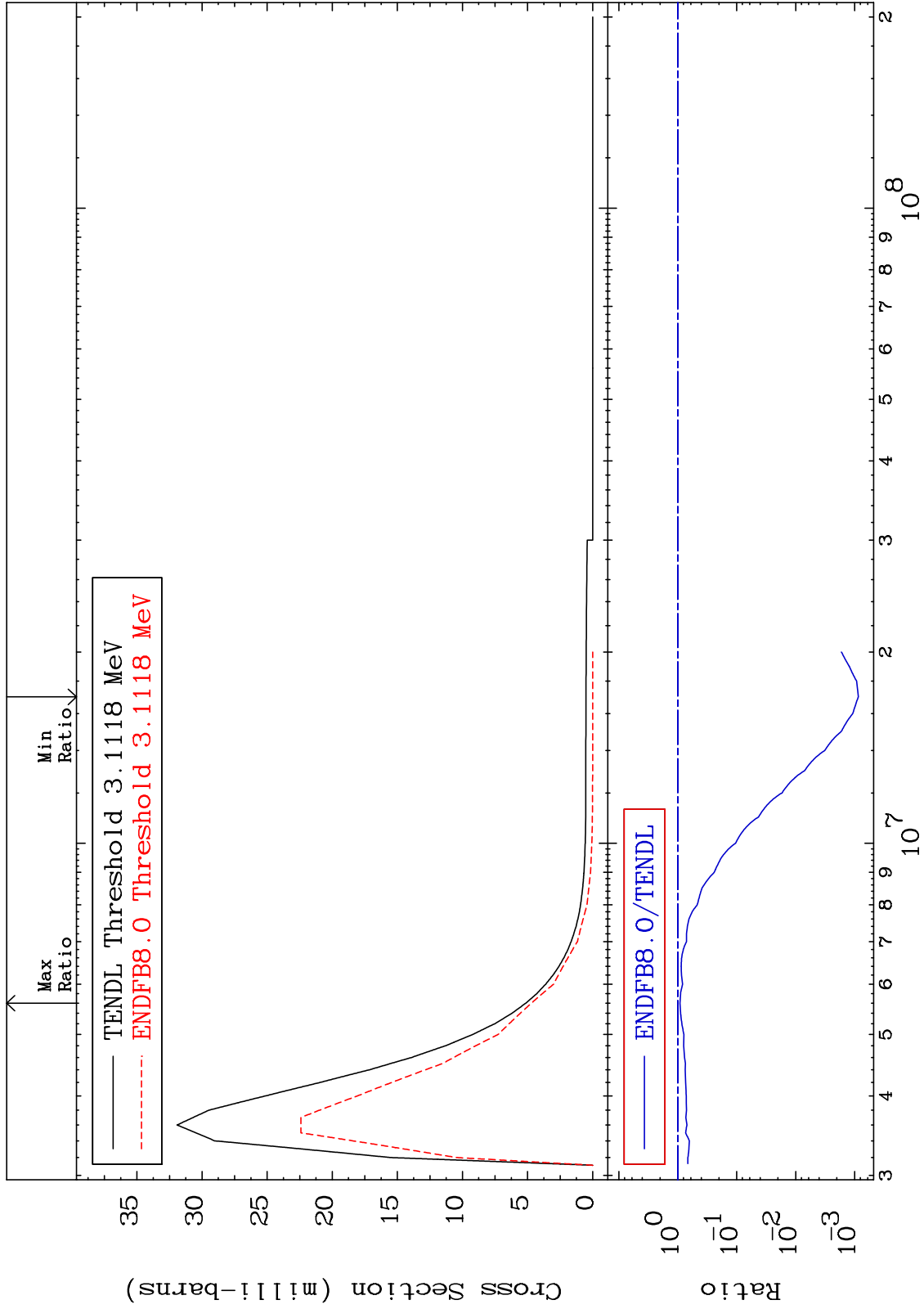
Incident Energy (eV)

32-Ge-76

MAT 3243

MT= 79 (n,n') Level
Cross Section

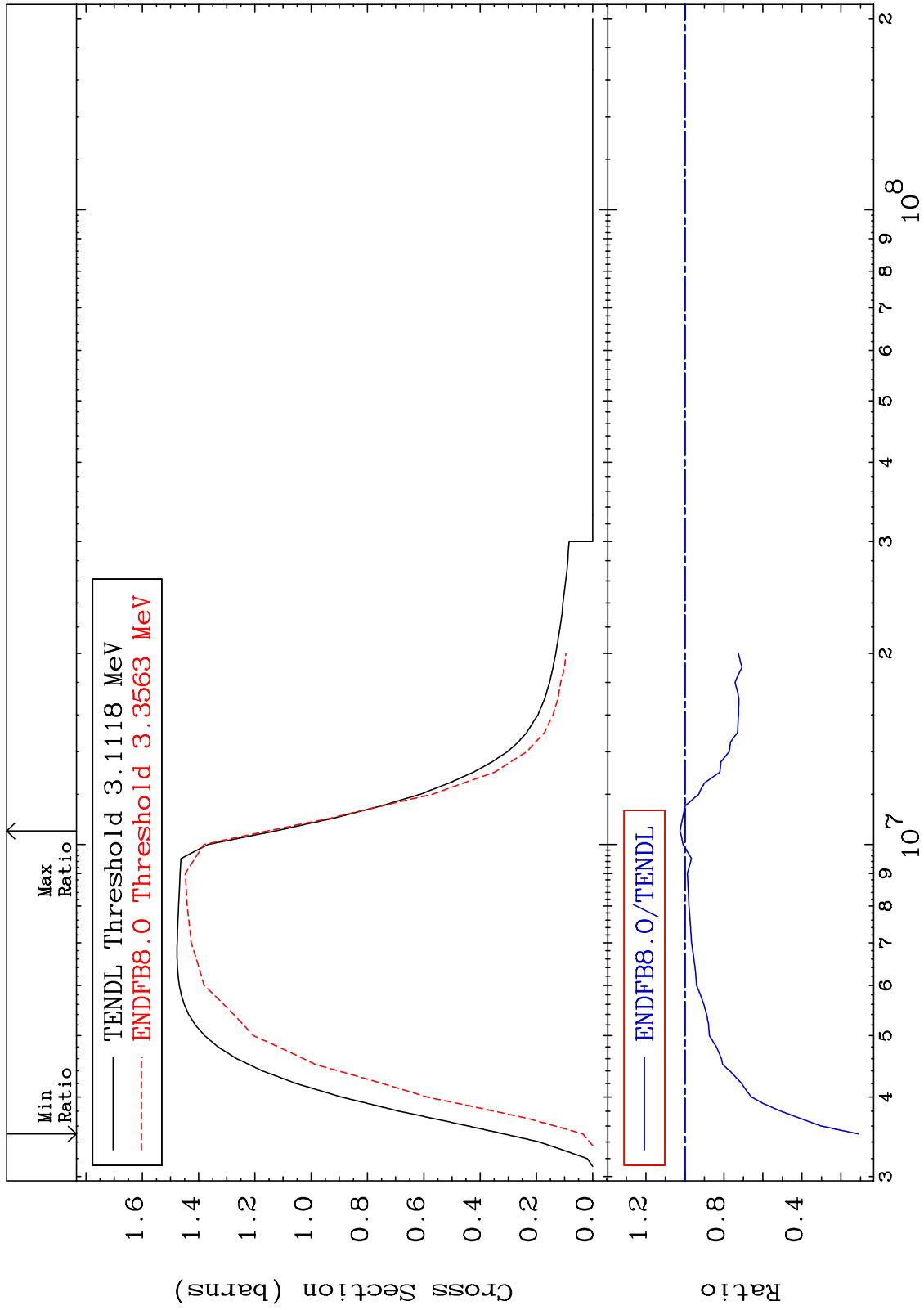
32-Ge-76
-99.91 To -8.395%



MAT 3243

(n, n') Continuum
Cross Section

32-Ge-76
-88.95 To 2.500 %



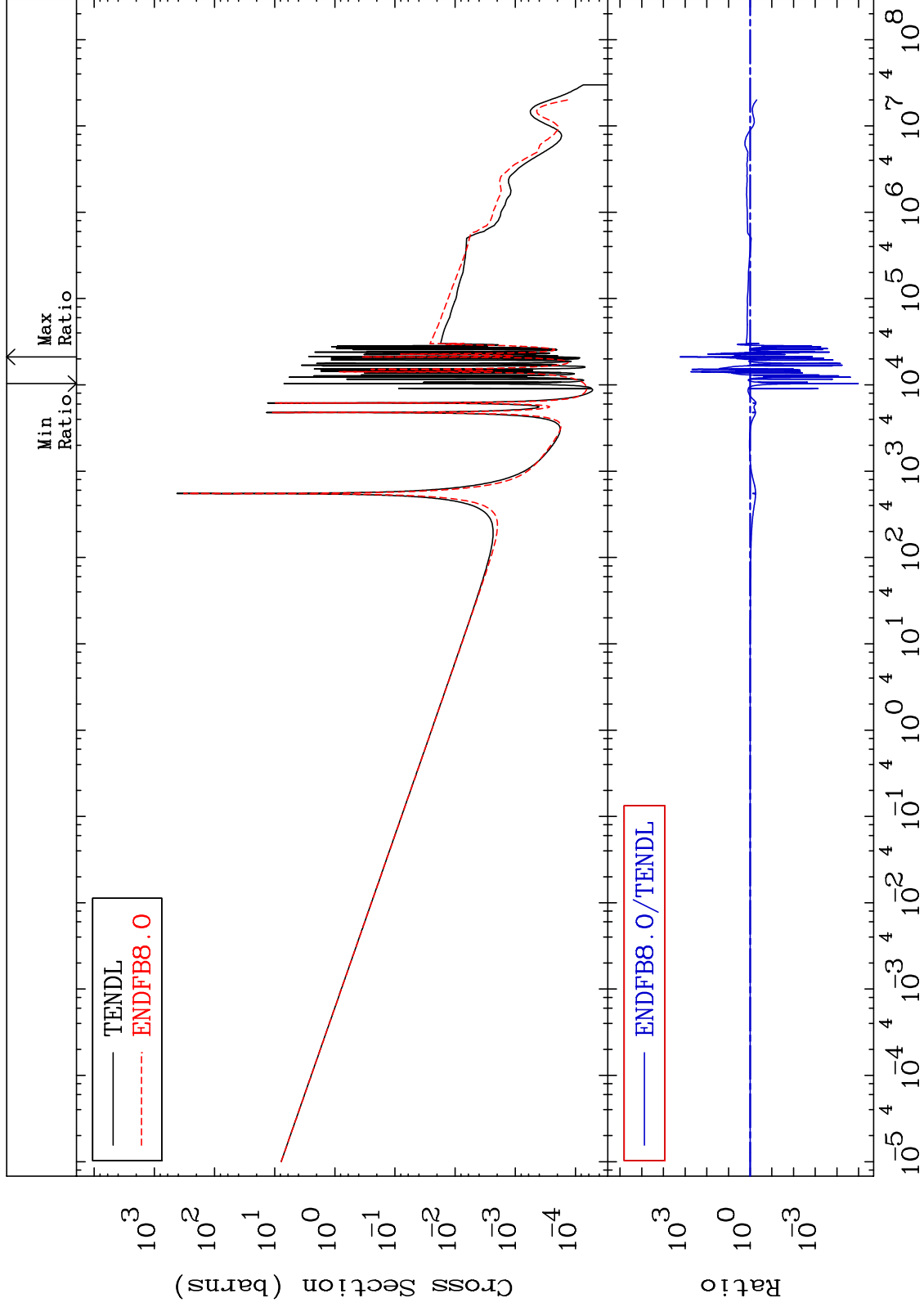
MAT 3243

(n, γ)

32-Ge-76

Cross Section

-100.0 To 9999. %



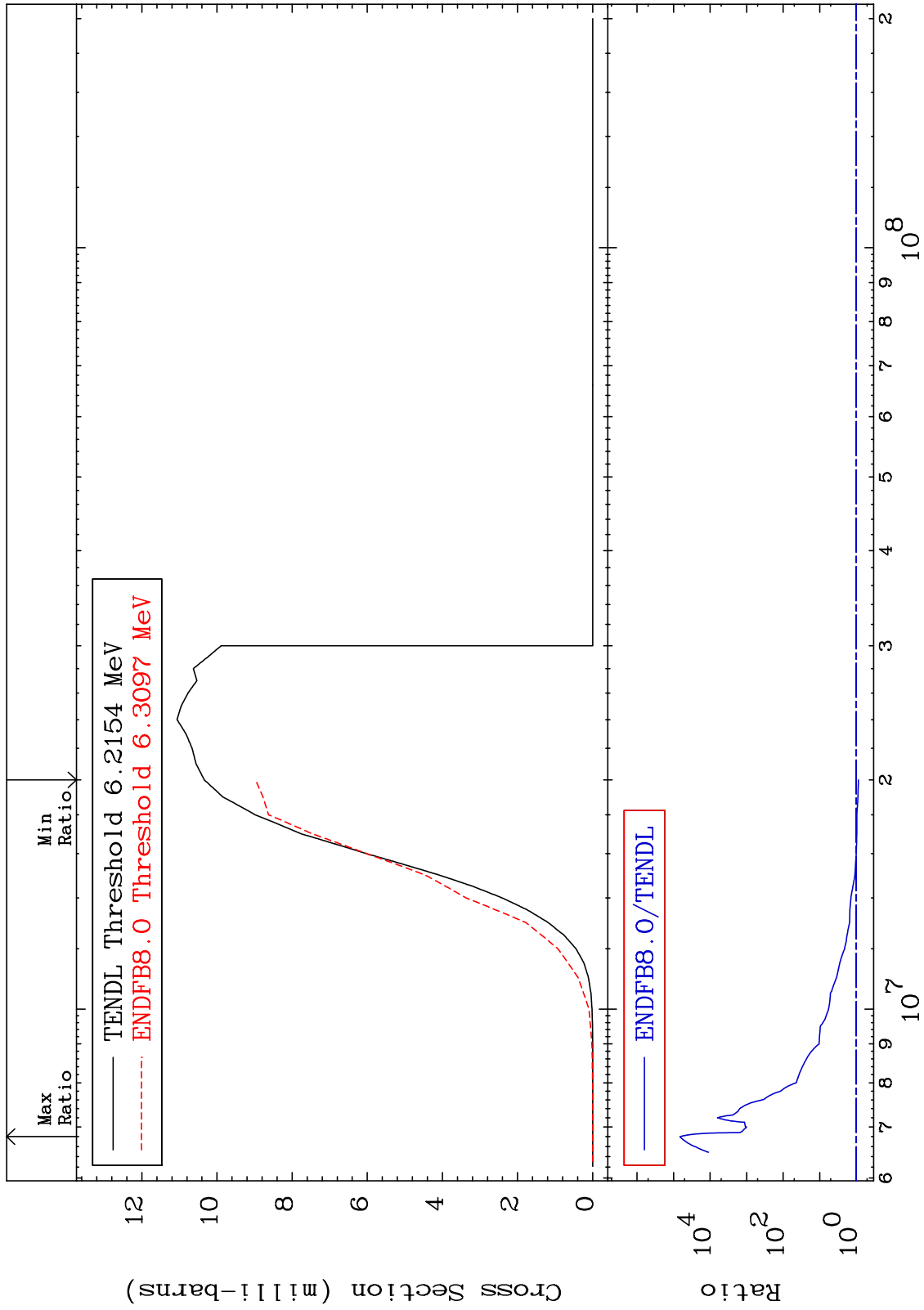
MAT 3243

(n,p)

32-Ge-76

Cross Section

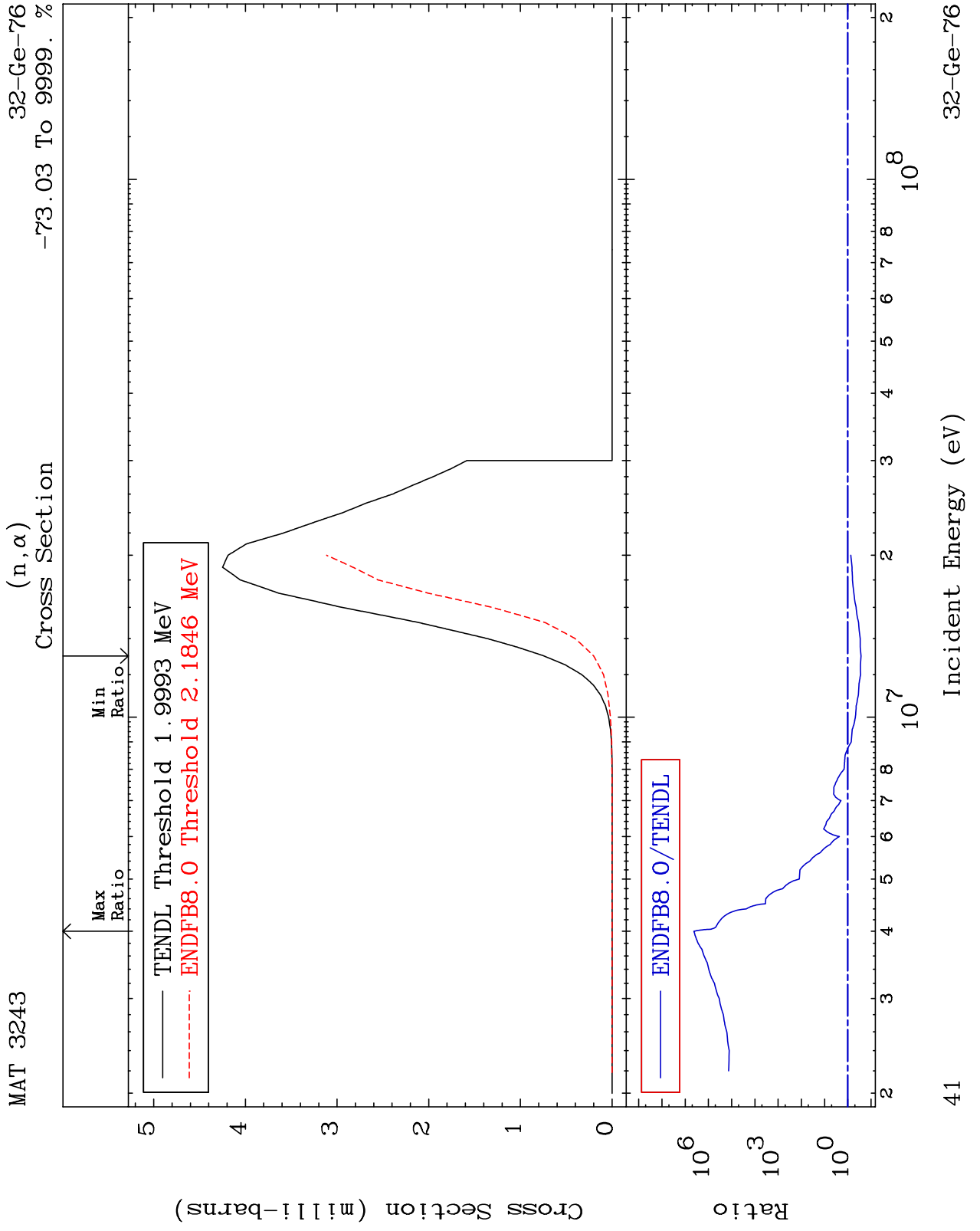
-13.17 To 9999. %



40

Incident Energy (eV)

32-Ge-76



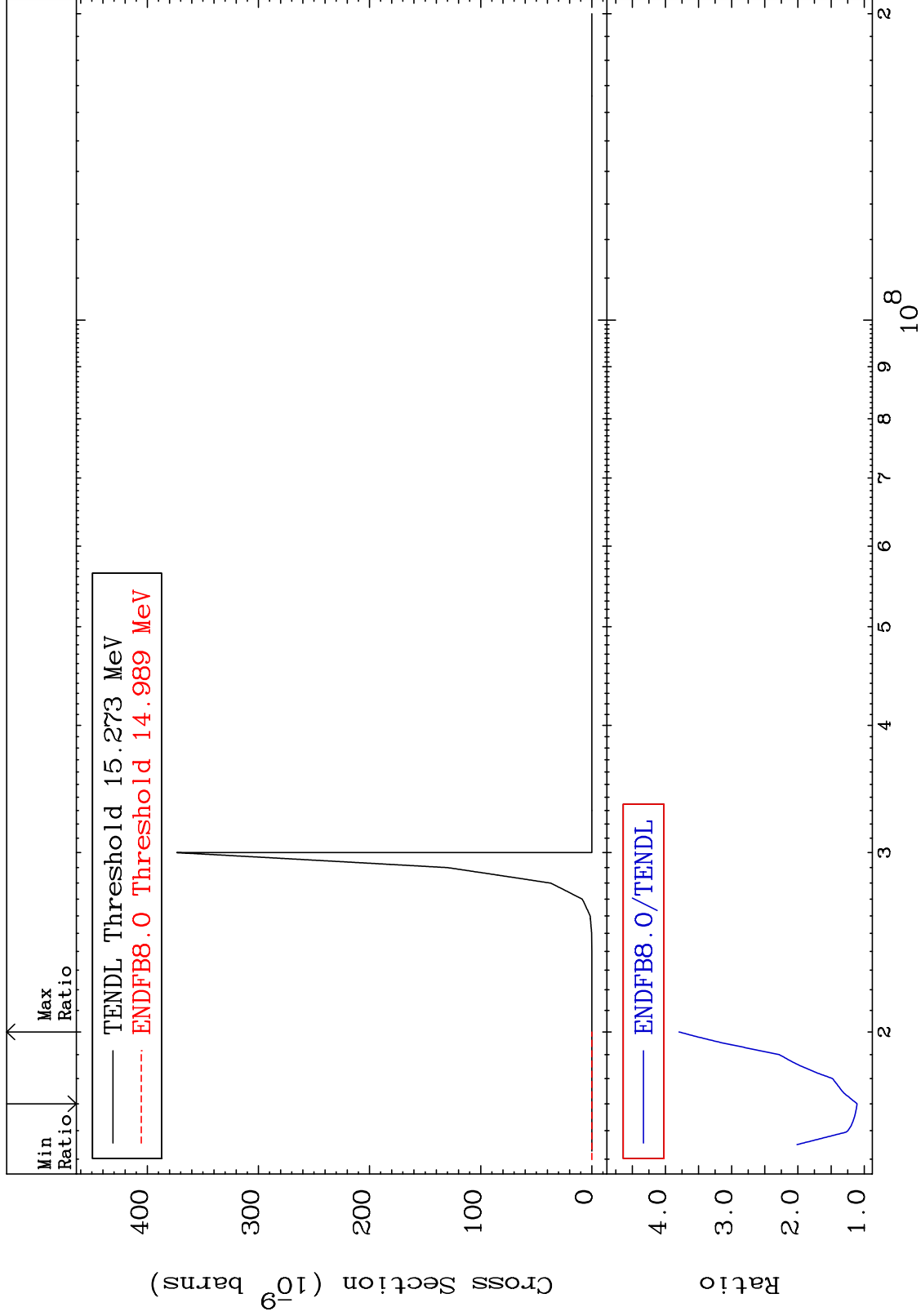
MAT 3243

(n,p) α

32-Ge-76

Cross Section

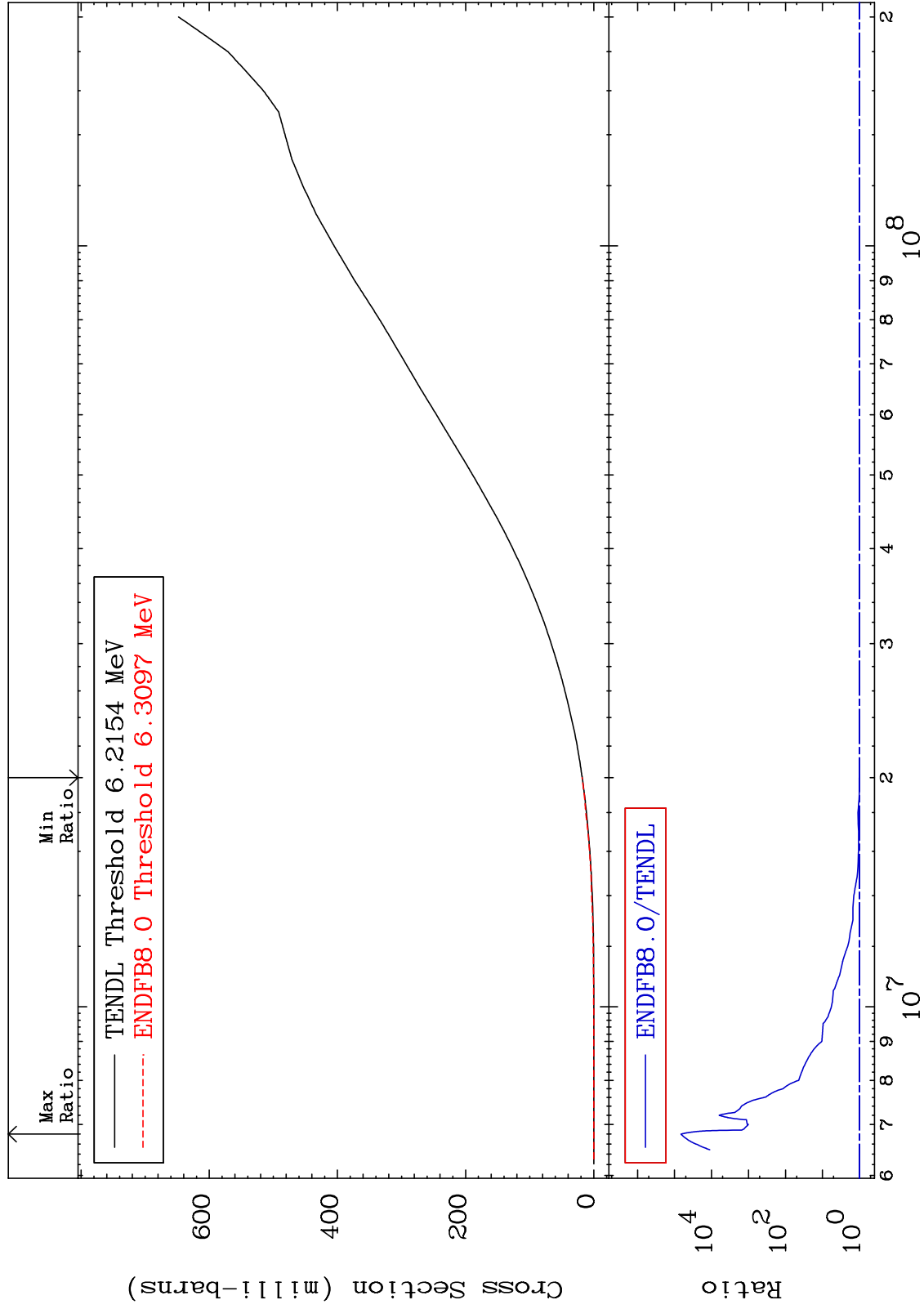
9999. To 9999. %



MAT 3243

Hydrogen Production
Cross Section

32-Ge-76
1.151 To 9999. %



43

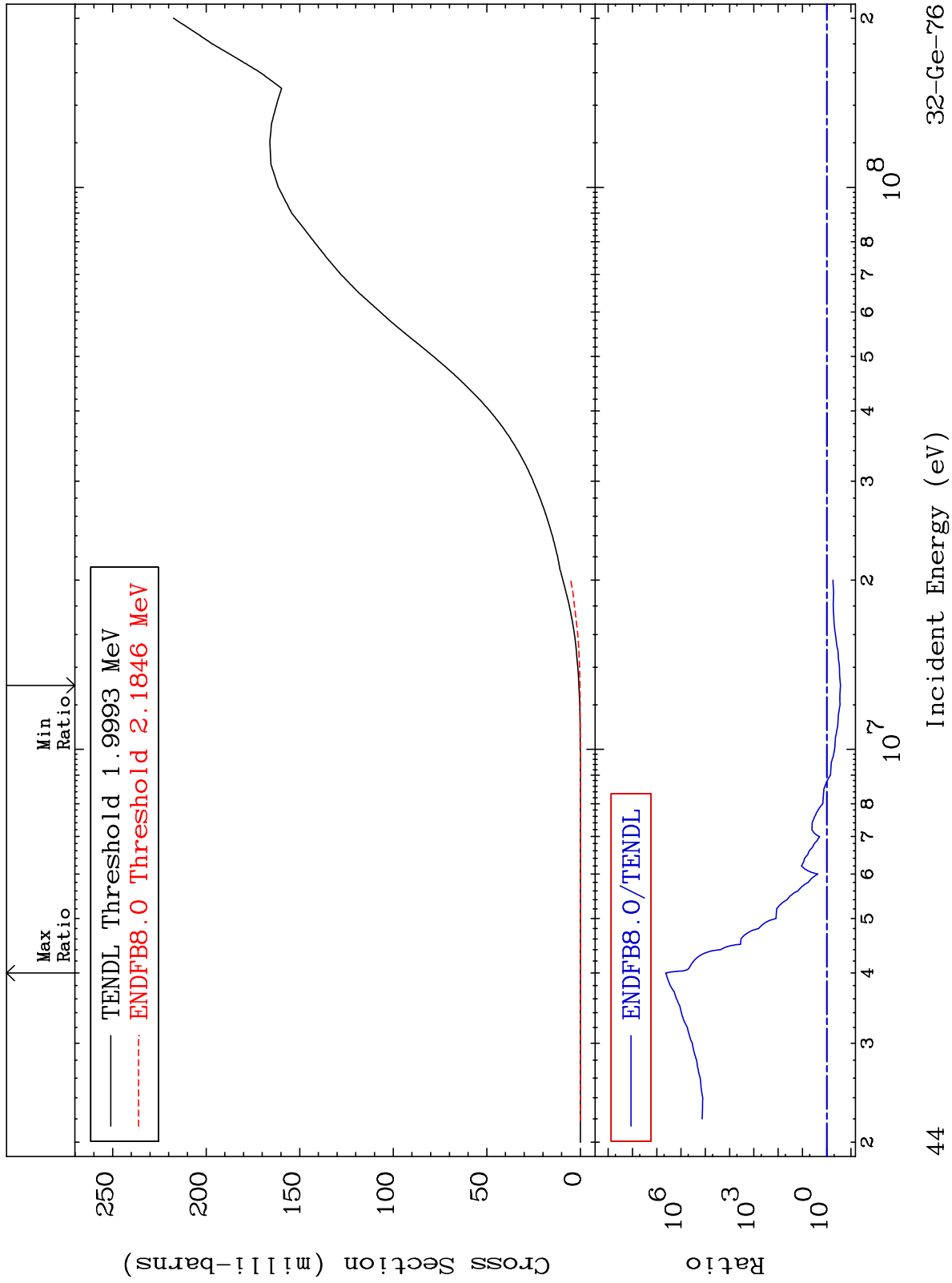
Incident Energy (eV)

32-Ge-76

MAT 3243

He-4 Production
Cross Section

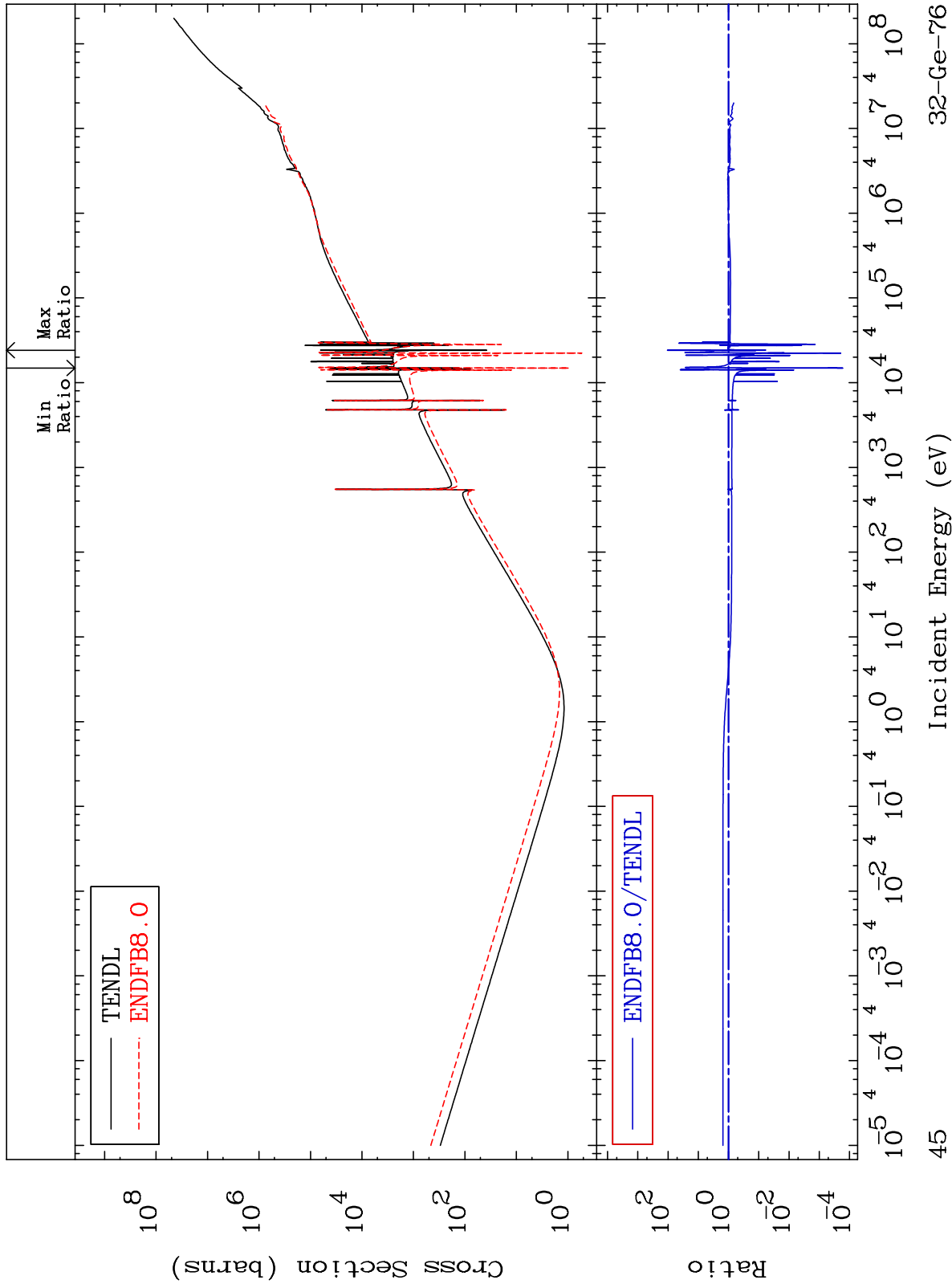
32-Ge-76
-73.01 To 9999. %



MAT 3243

Kerma total (eV-barns)
Cross Section

32-Ge-76
-99.98 To 9999. %



45

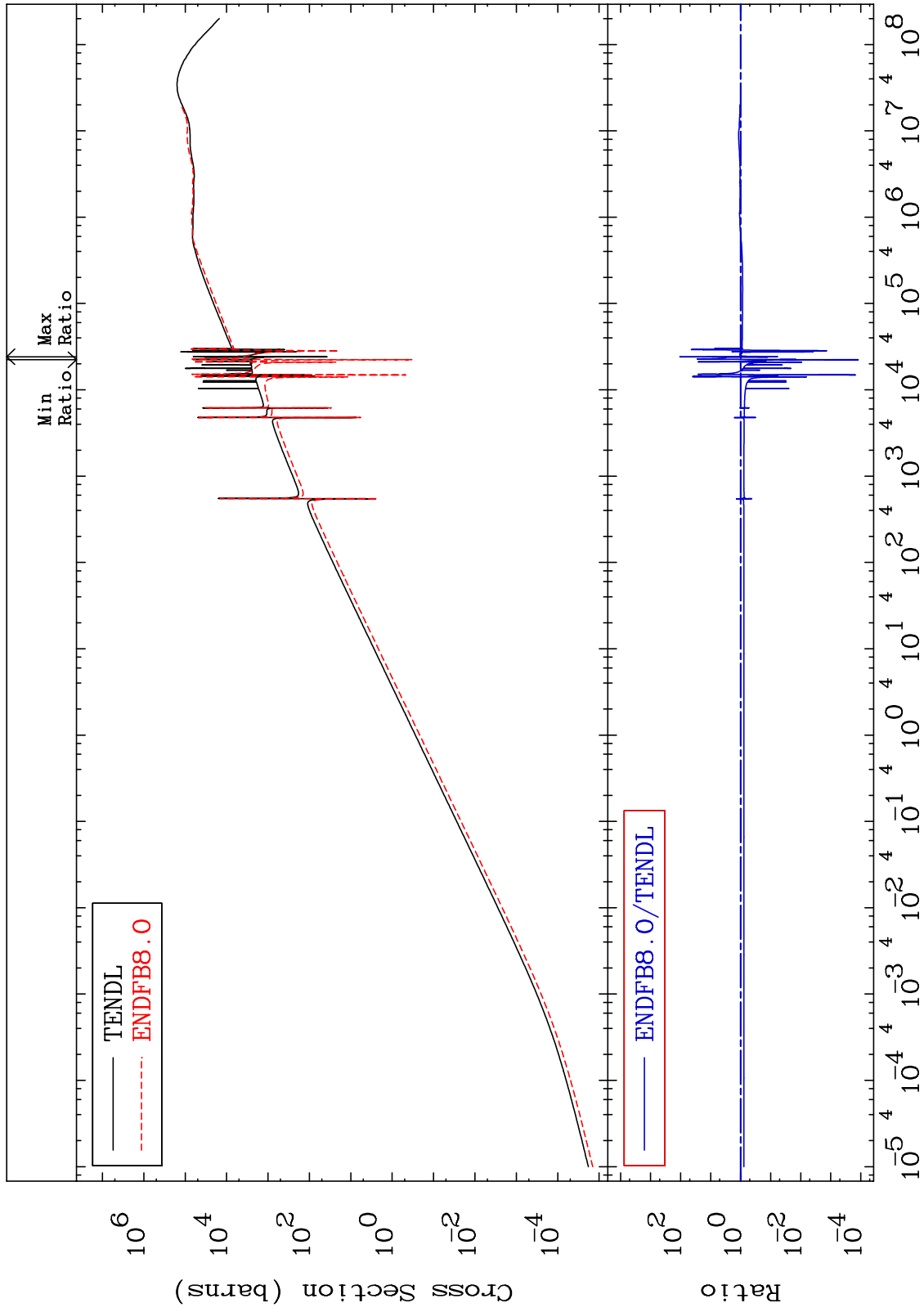
Incident Energy (eV)

32-Ge-76

MAT 3243

Kerma elastic
Cross Section

32-Ge-76
-99.99 To 9999. %



46

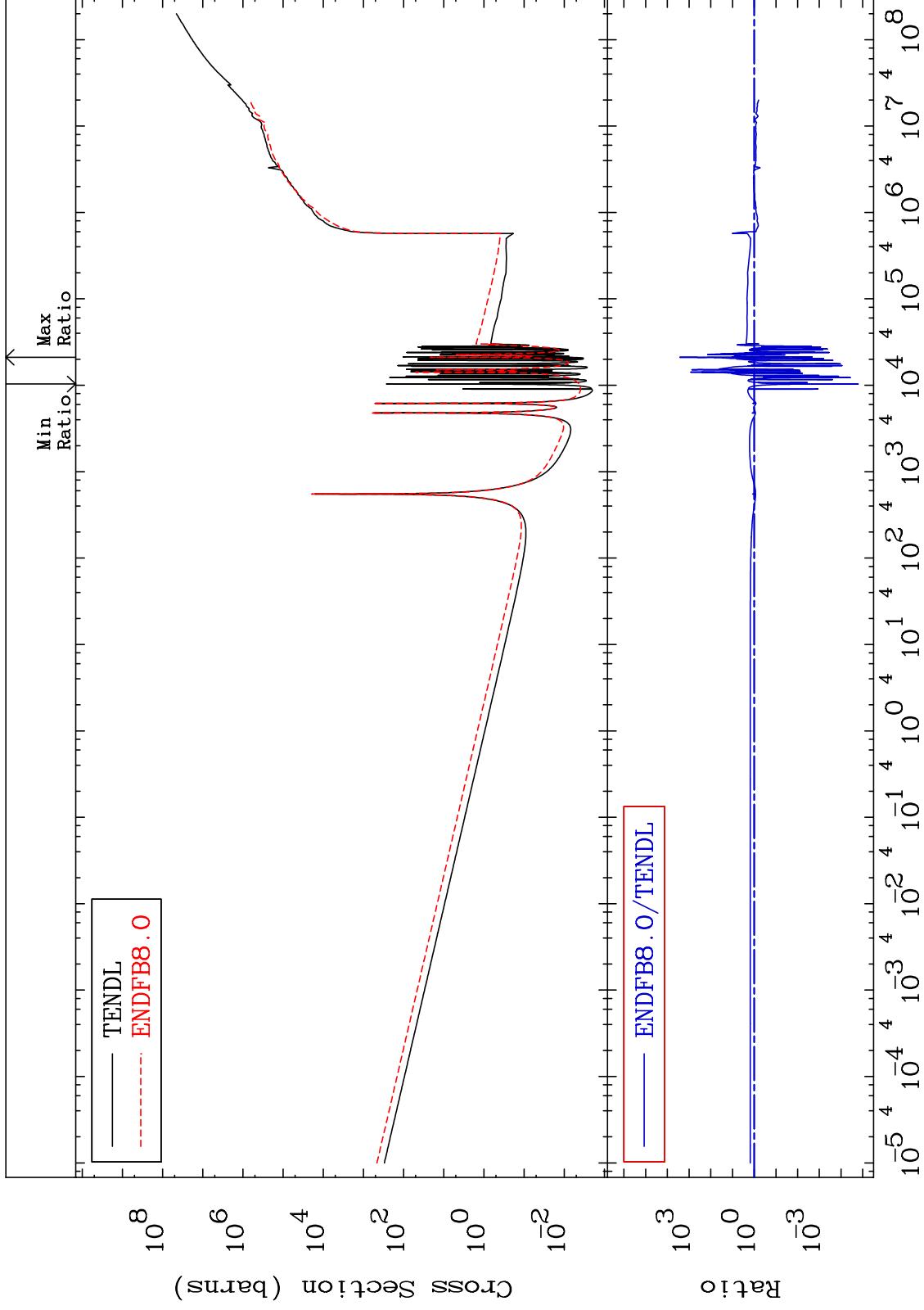
Incident Energy (eV)

32-Ge-76

MAT 3243

Kerma non-elastic (all but mt2)
Cross Section

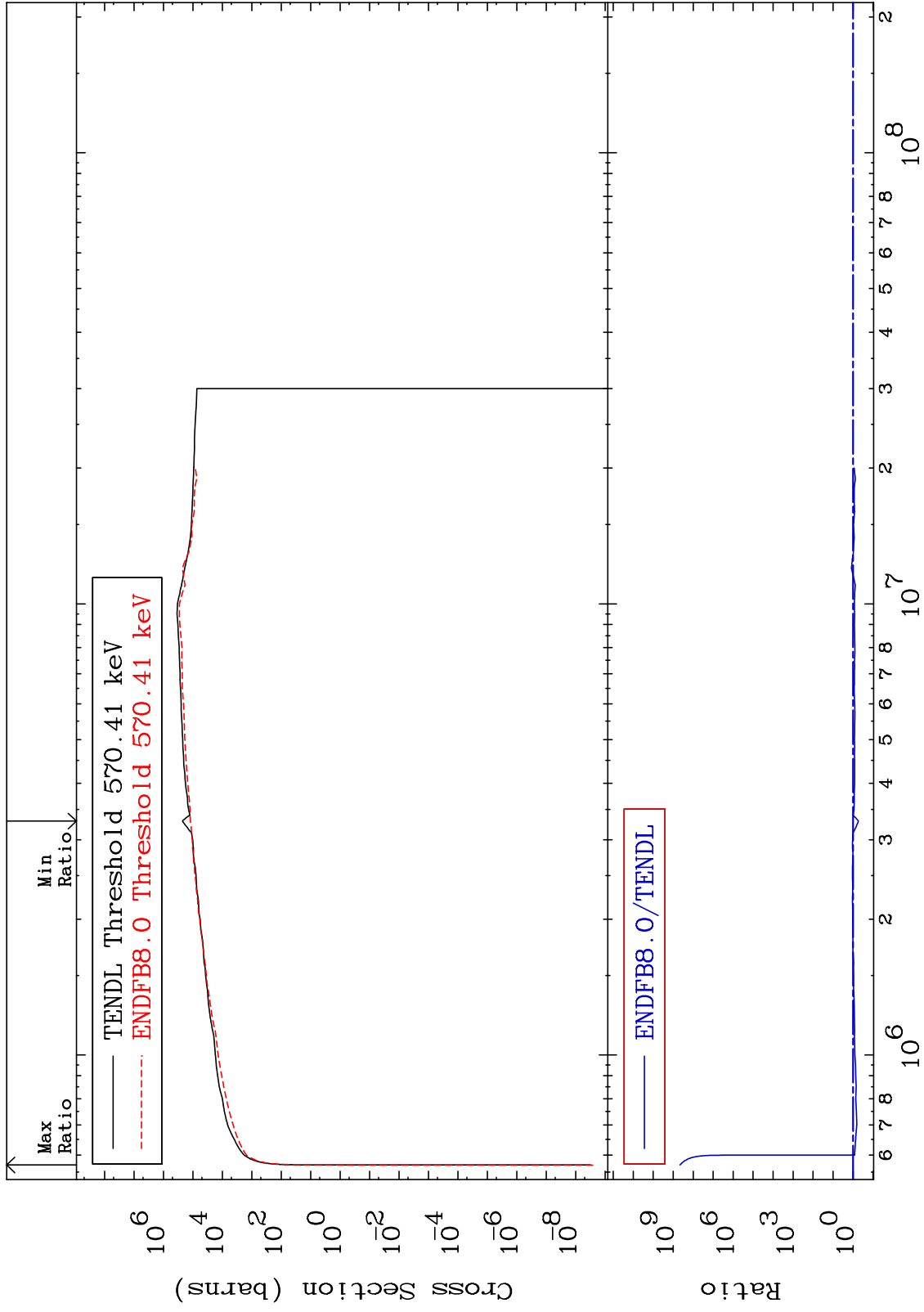
32-Ge-76
-100.0 To 9999. %



MAT 3243

Kerma inelastic (mt51-91)
Cross Section

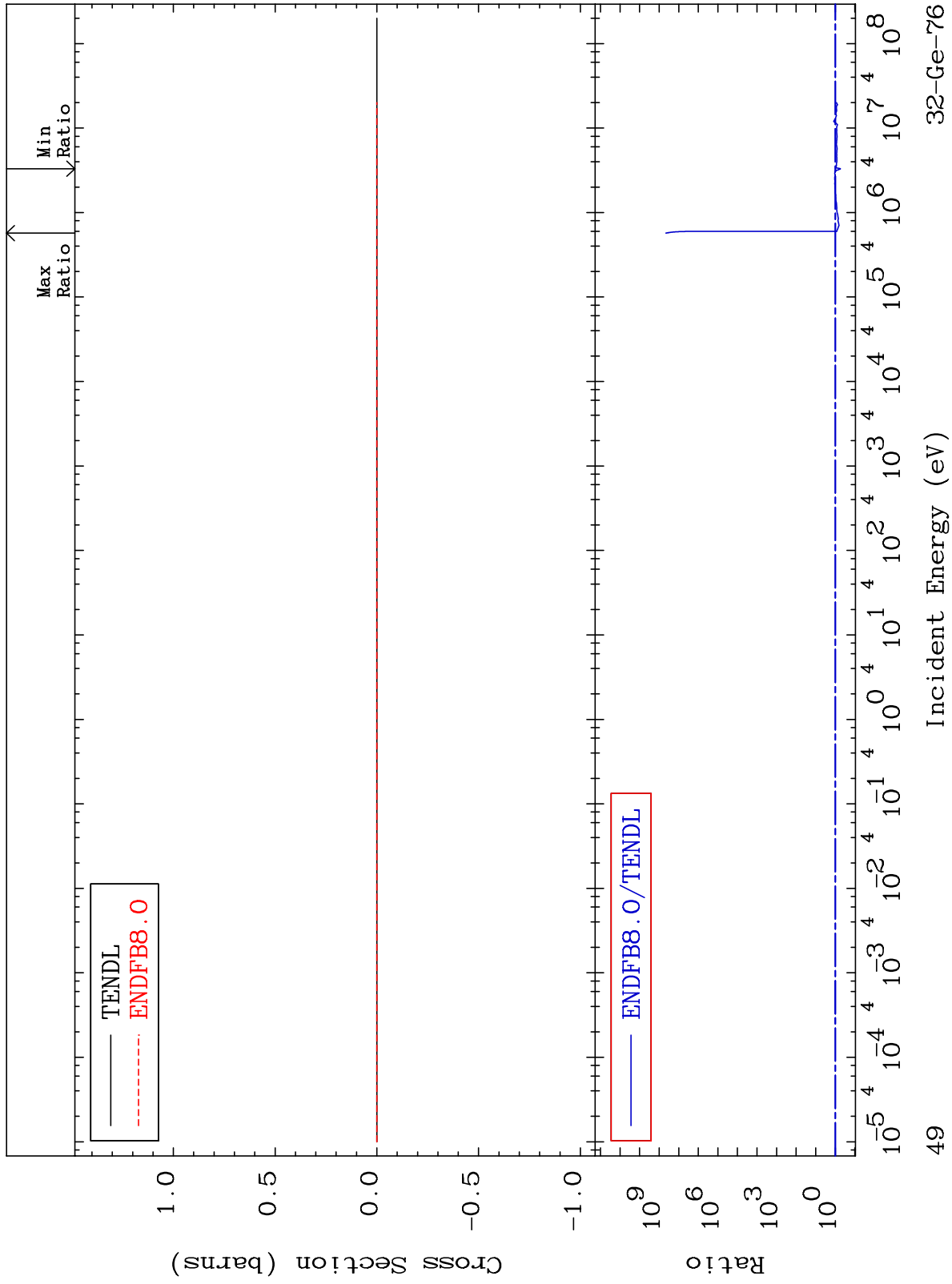
32-Ge-76
-46.23 To 9999. %



MAT 3243

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

32-Ge-76
-46.23 To 9999. %



49

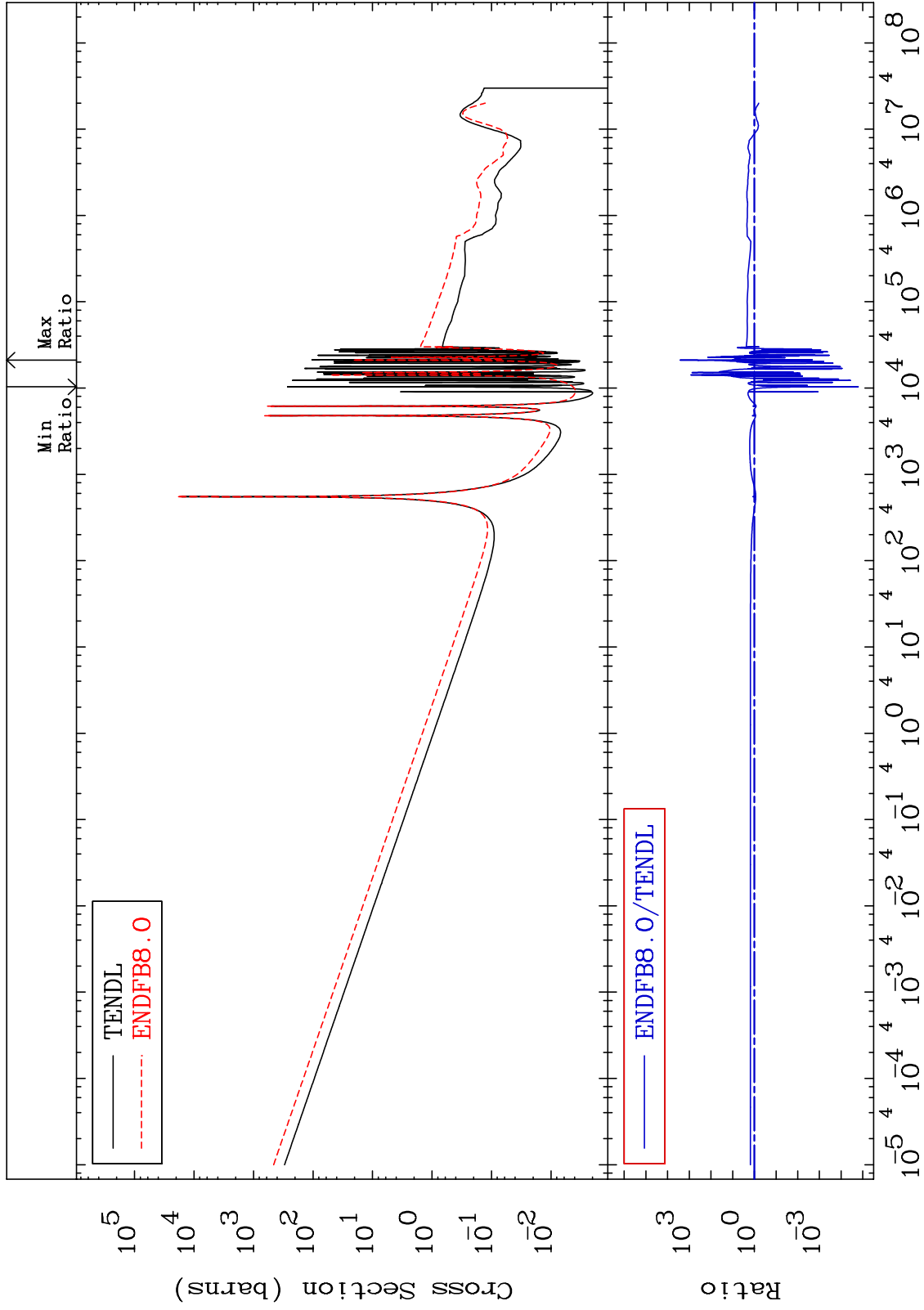
Incident Energy (eV)

32-Ge-76

MAT 3243

Kerma capture (mt102)
Cross Section

32-Ge-76
-100.0 To 9999. %



50

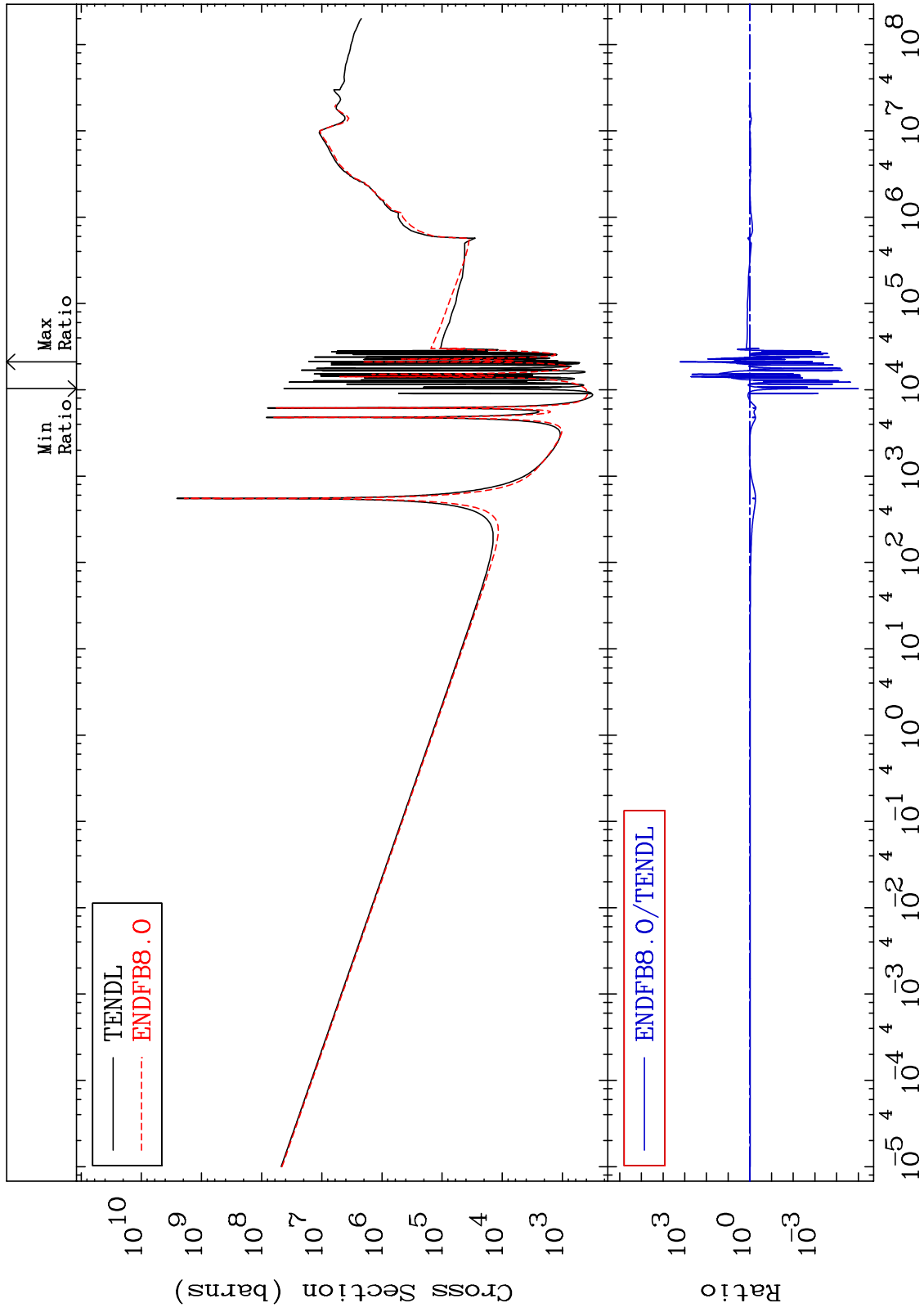
Incident Energy (eV)

32-Ge-76

MAT 3243

Total photon (eV-barns)
Cross Section

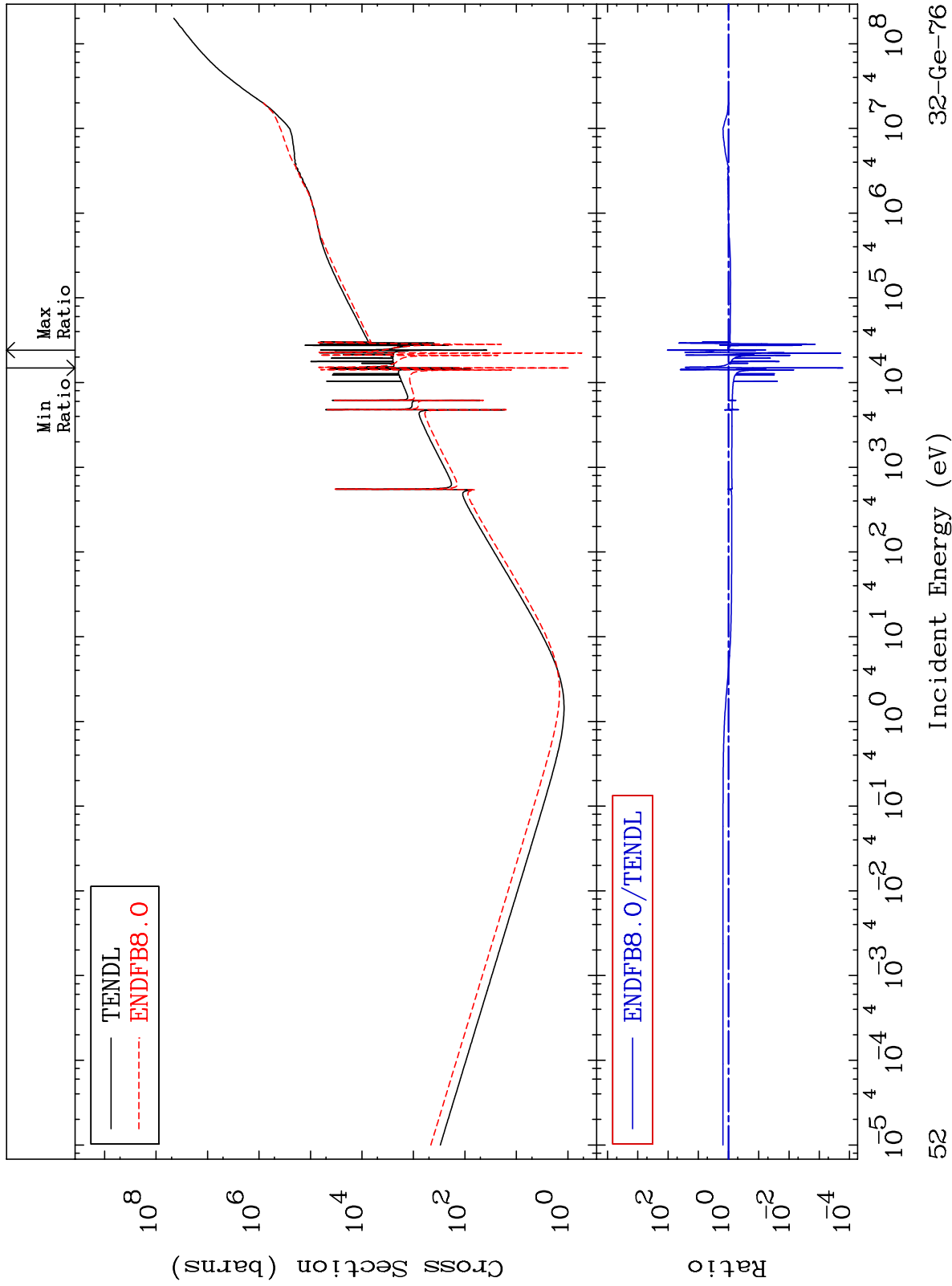
32-Ge-76
-100.0 To 9999. %



MAT 3243

Total kinematic kerma (high limit)
Cross Section

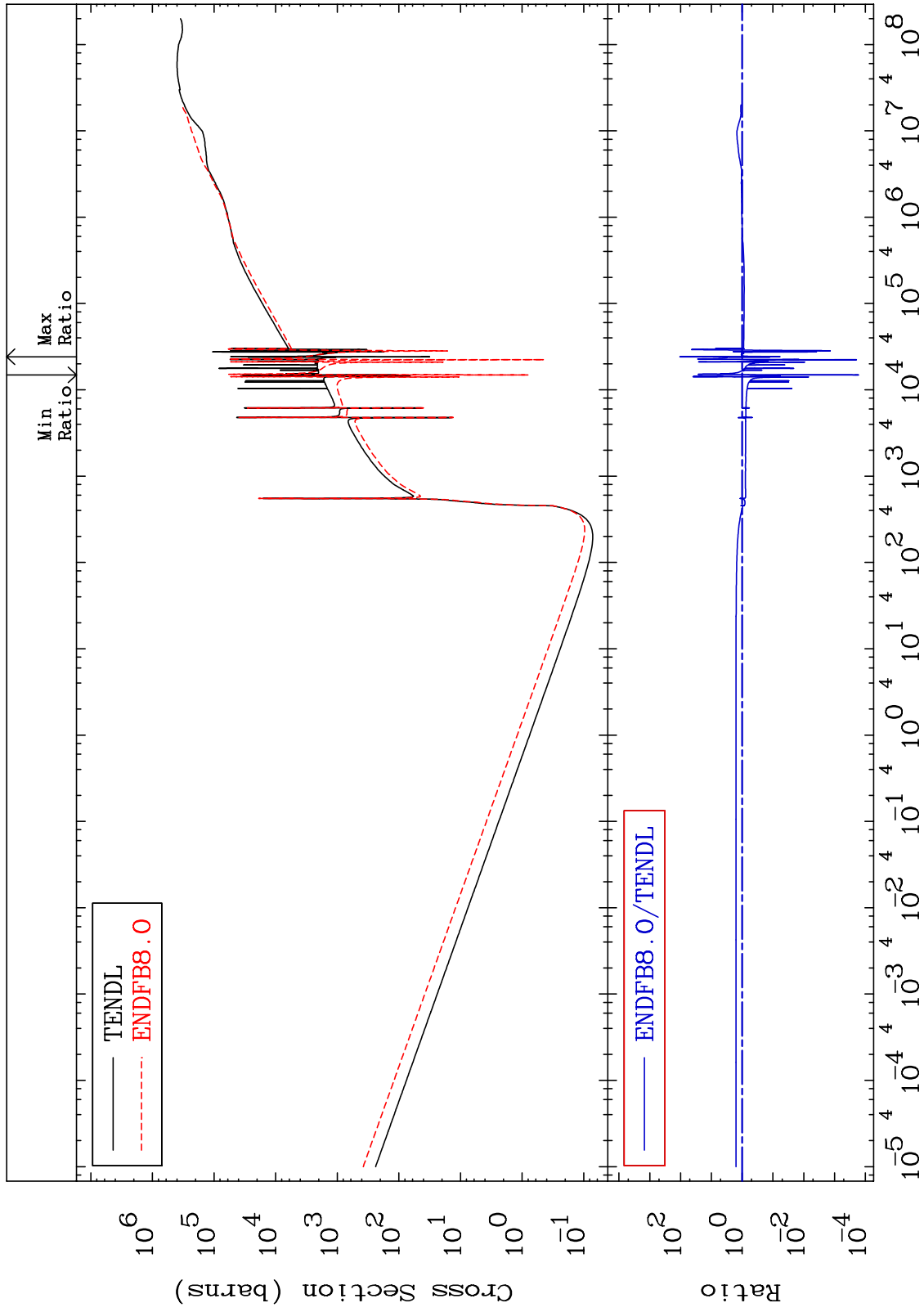
32-Ge-76
-99.98 To 9999. %



MAT 3243

Dpa total (eV-barns)
Cross Section

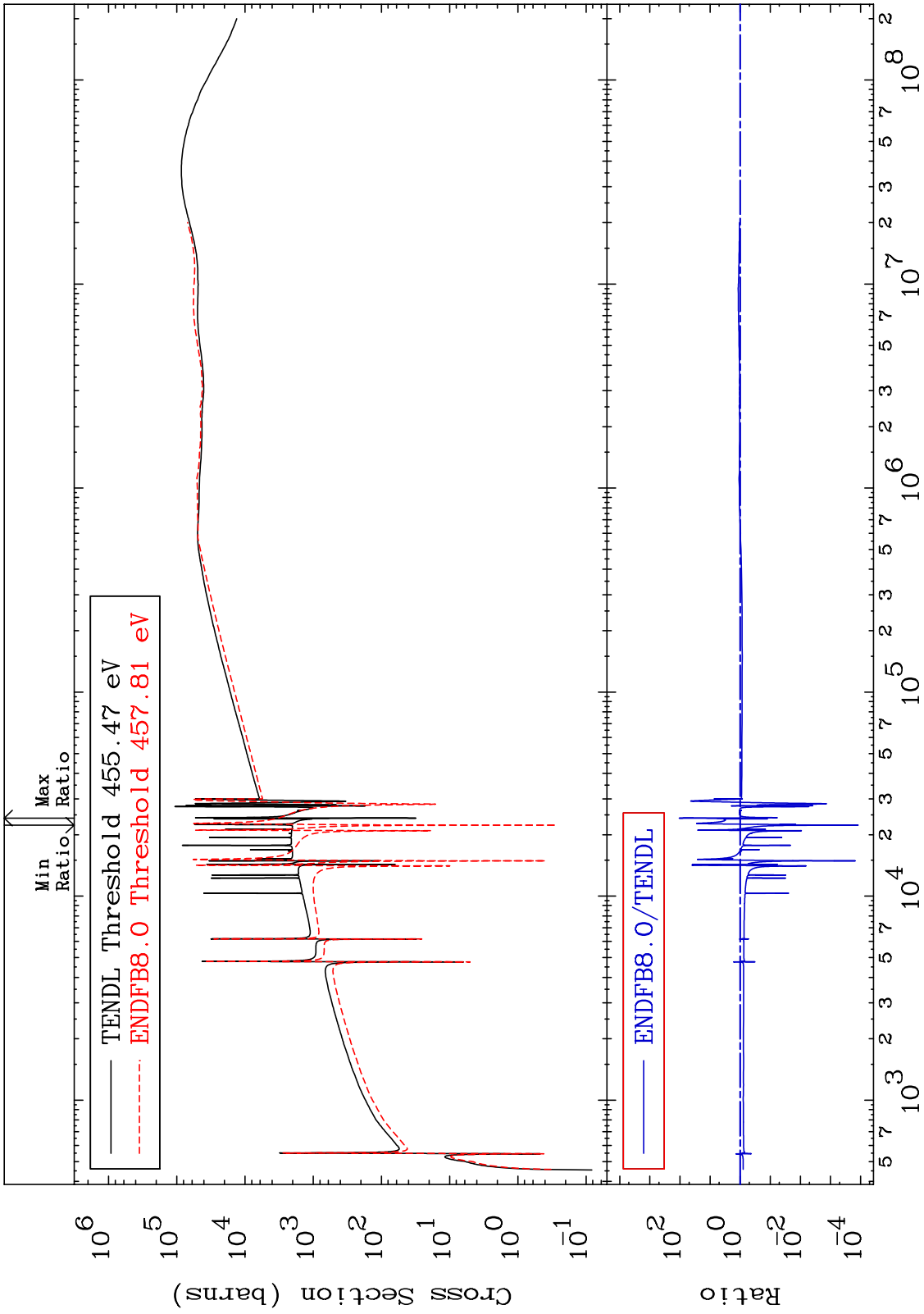
32-Ge-76
-99.98 To 9999. %



MAT 3243

Dpa elastic (mt2)
Cross Section

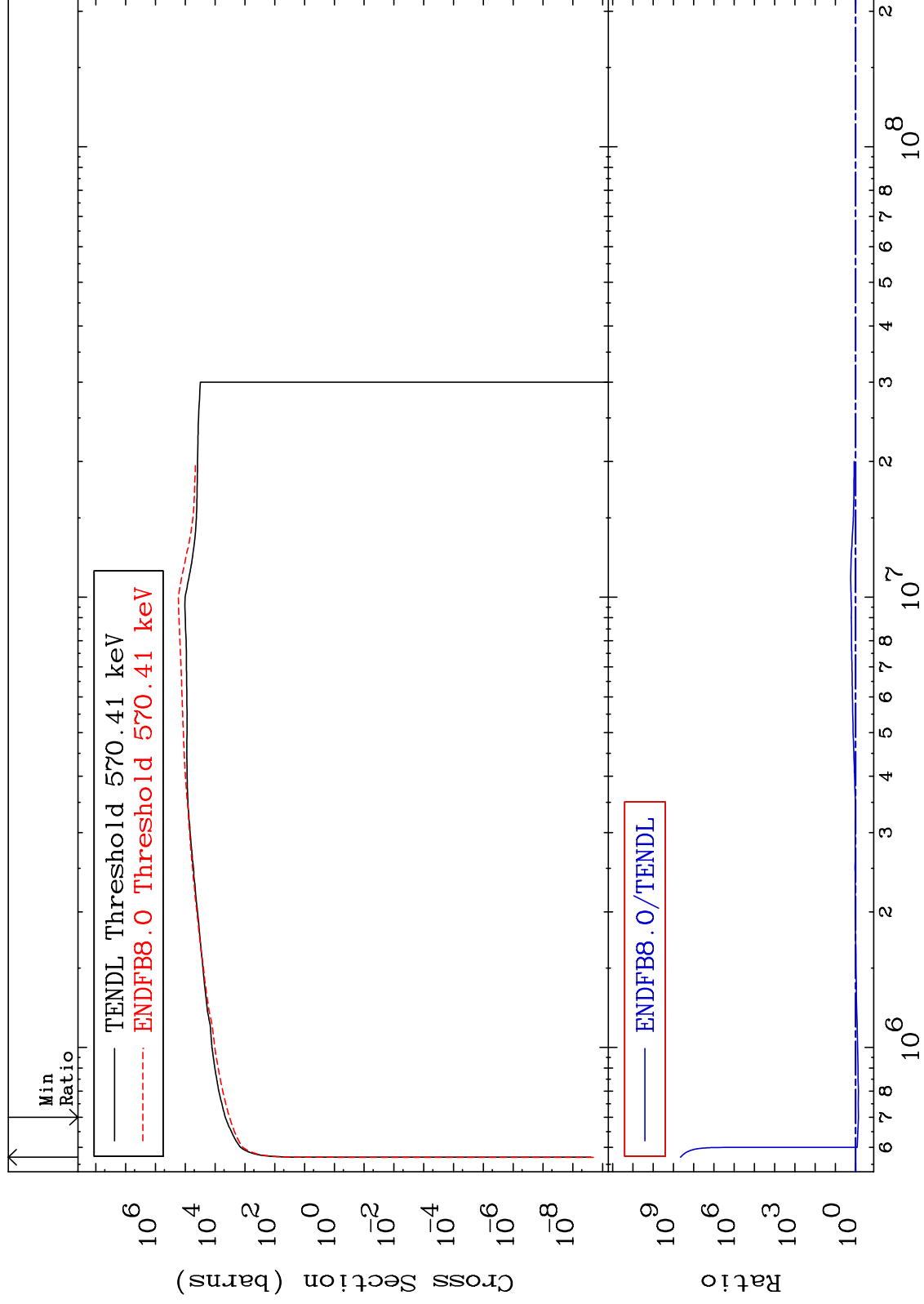
32-Ge-76
-99.99 To 9999. %



MAT 3243

Dpa inelastic (mt51-91)
Cross Section

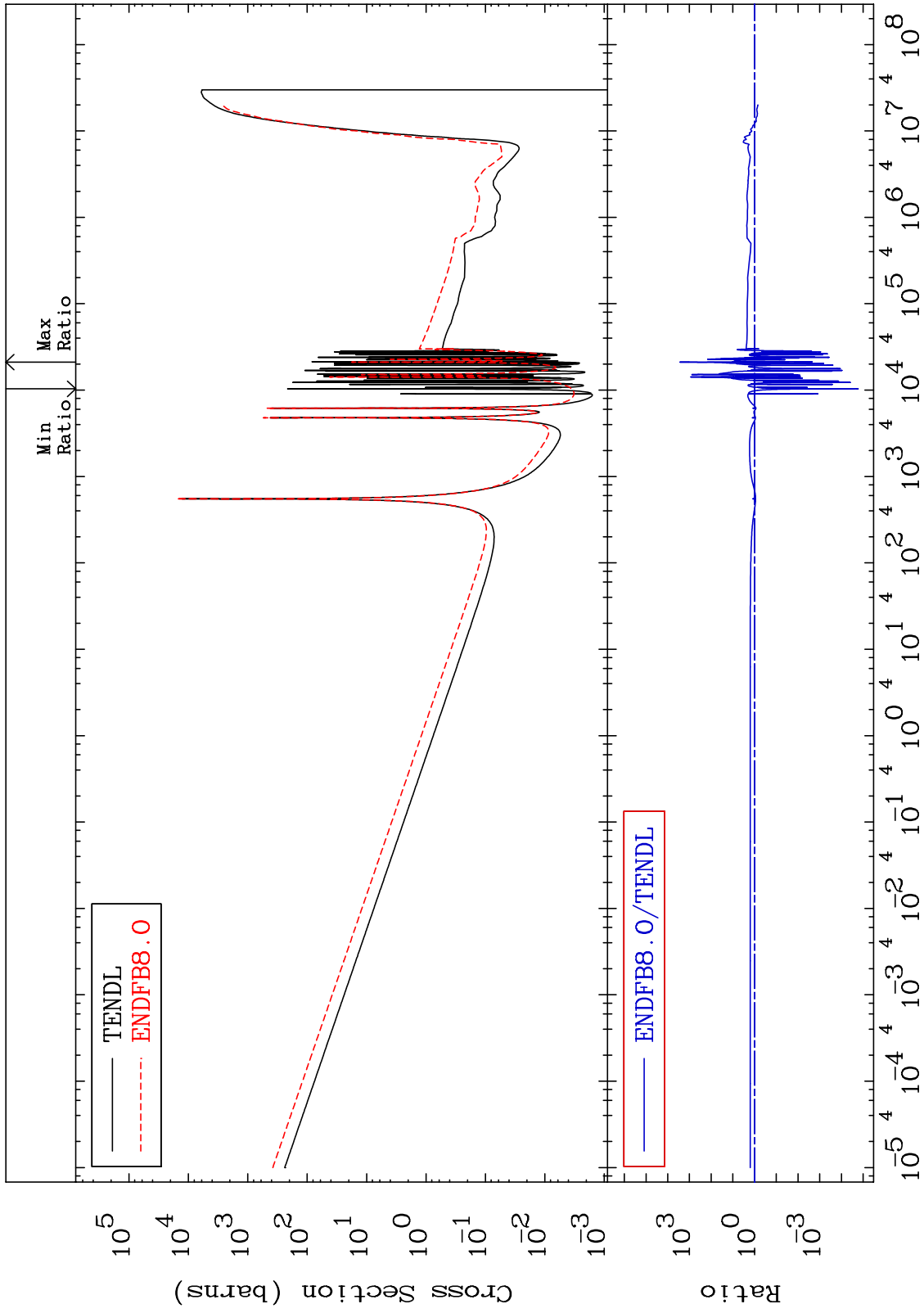
32-Ge-76
-27.70 To 9999. %



MAT 3243

Dpa disappearance (mt102 -120)
Cross Section

32-Ge-76
-100.0 To 9999. %



56

Incident Energy (eV)

32-Ge-76