

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

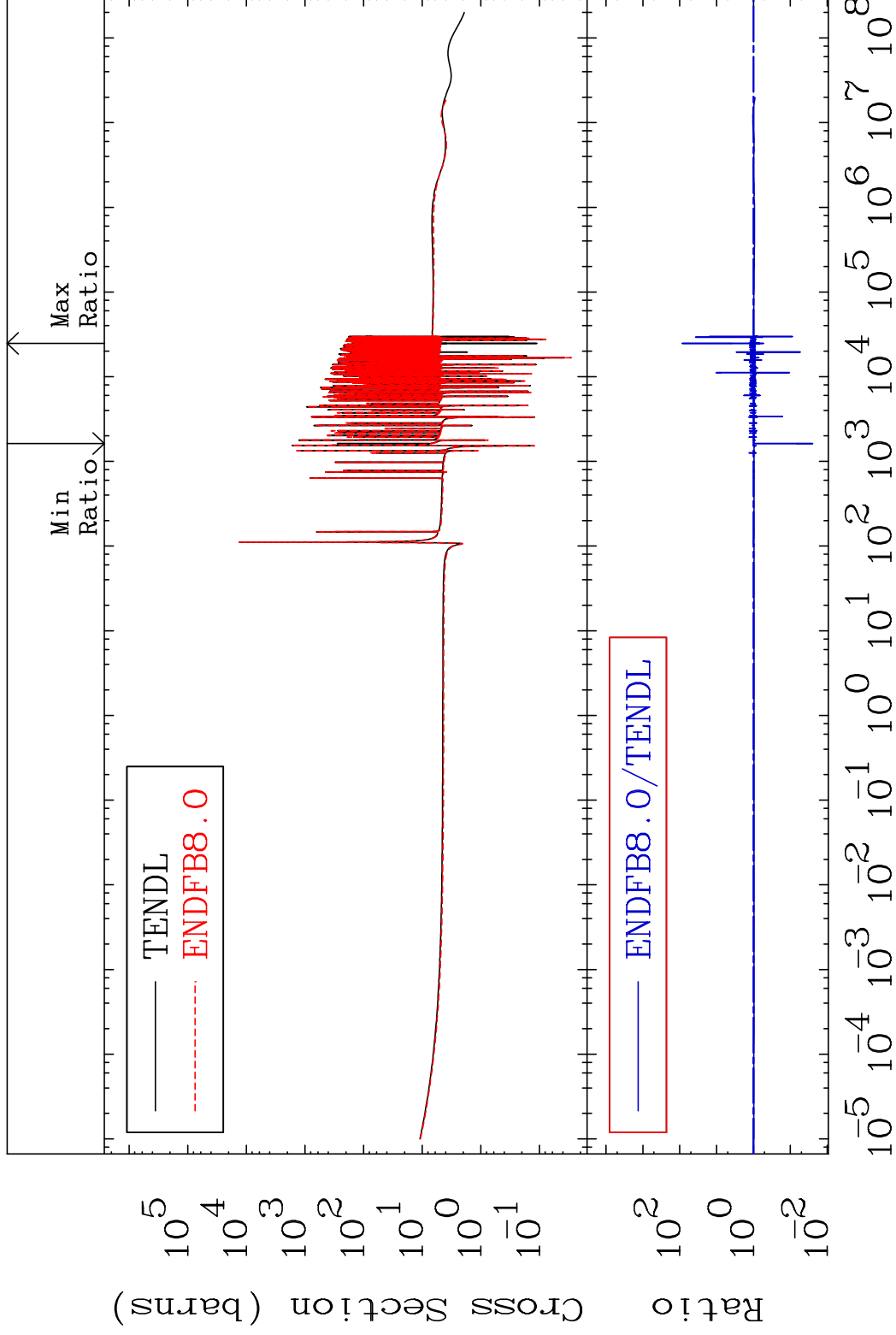
MAT 5037

Total

50-Sn-116

Cross Section

-97.50 To 8384. %



1

Incident Energy (eV)

50-Sn-116

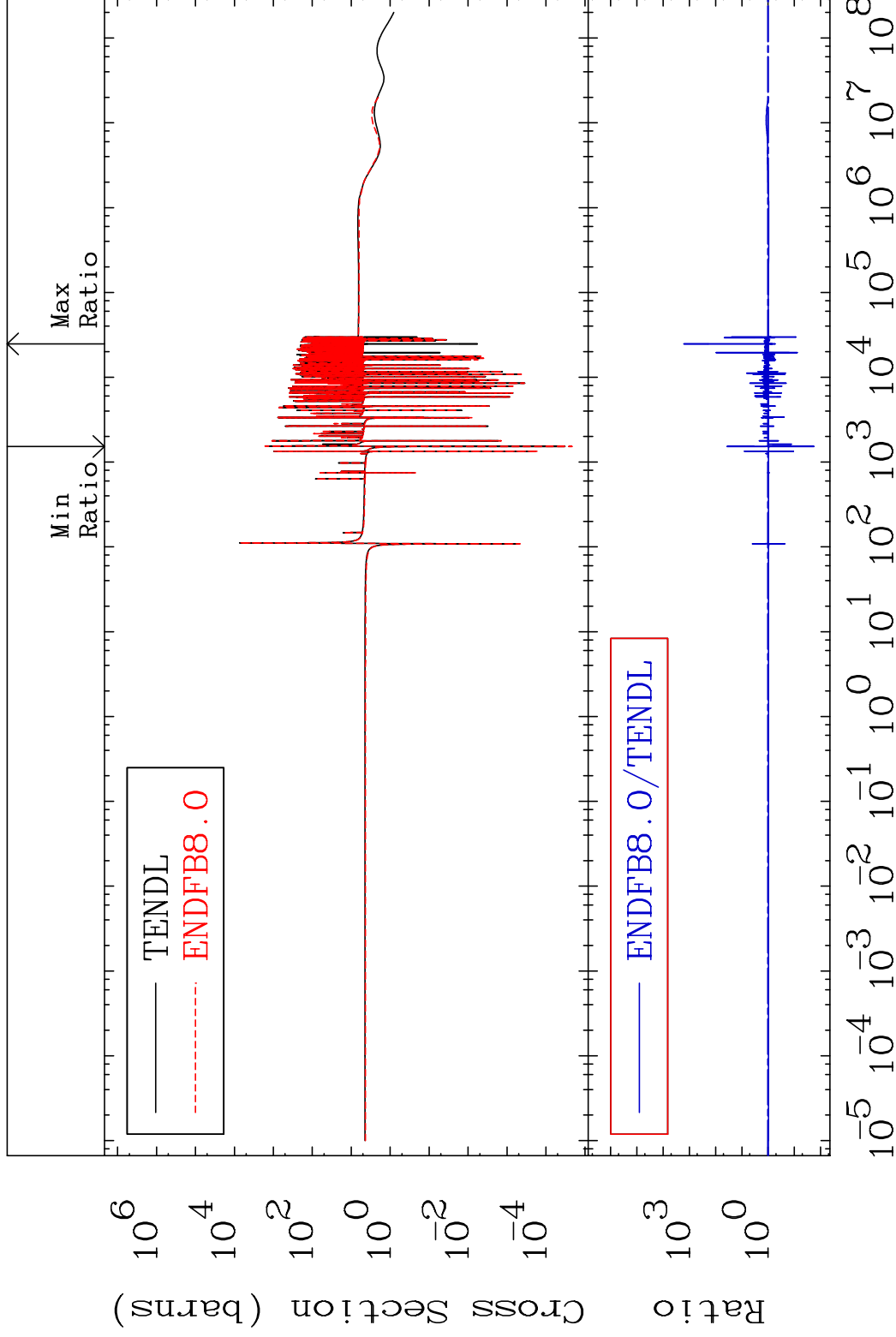
MAT 5037

Elastic

50-Sn-116

Cross Section

-98.24 To 9999. %



2

Incident Energy (eV)

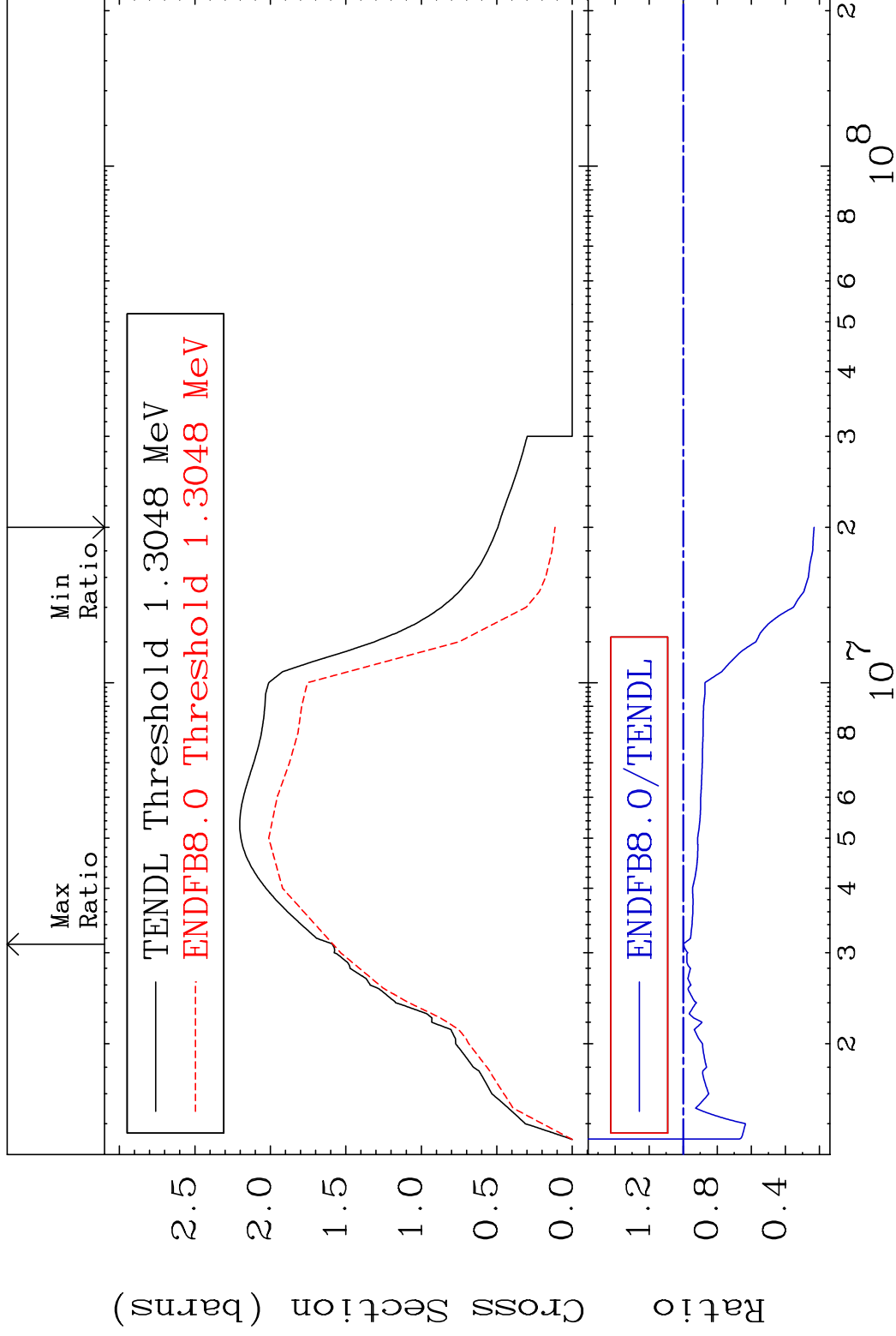
50-Sn-116

MAT 5037

Inelastic

50-Sn-116

Cross Section -76.87 To -0.277%



3

Incident Energy (eV)

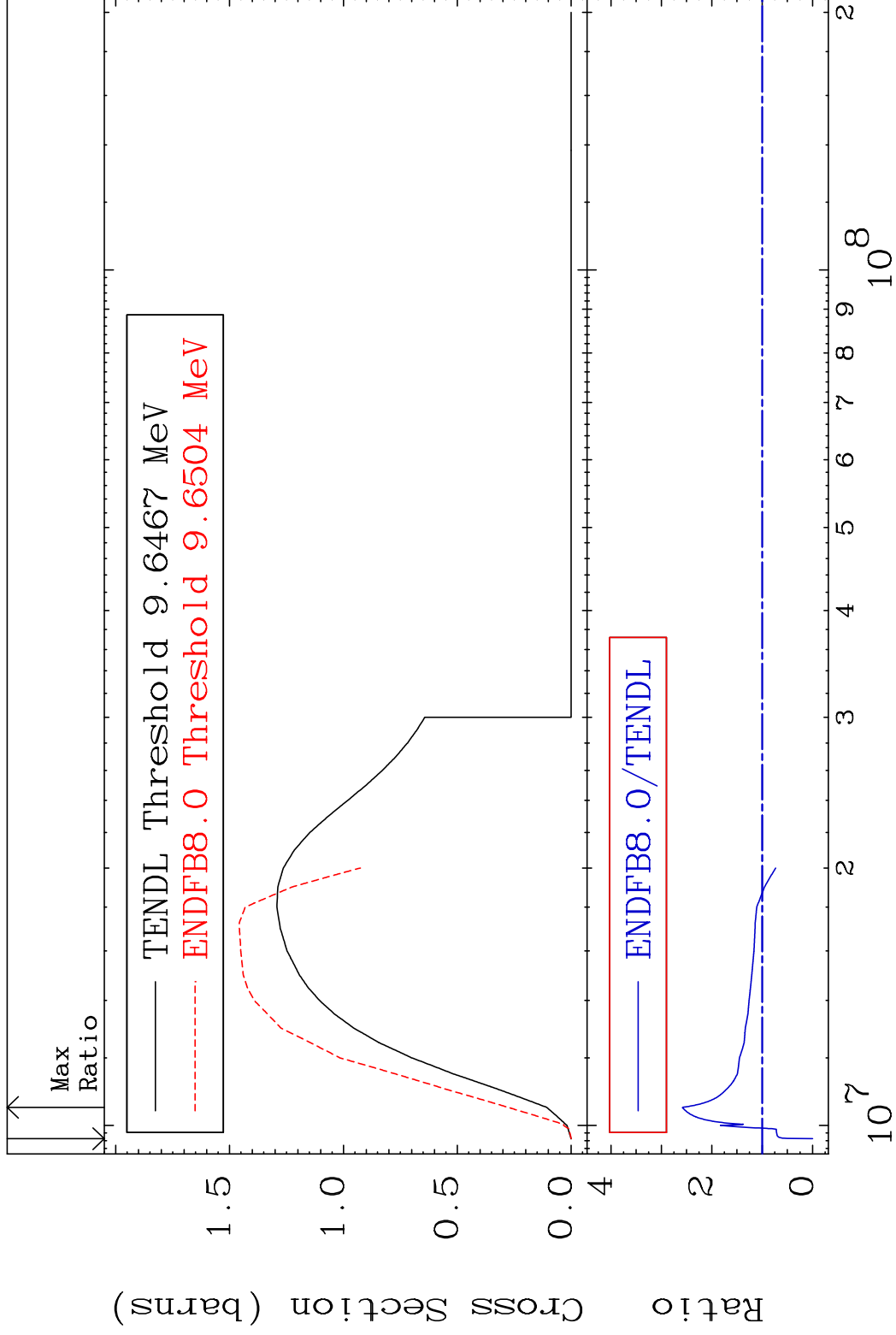
50-Sn-116

MAT 5037

(n,2n)

50-Sn-116

Cross Section -100.0 To 158.3 %



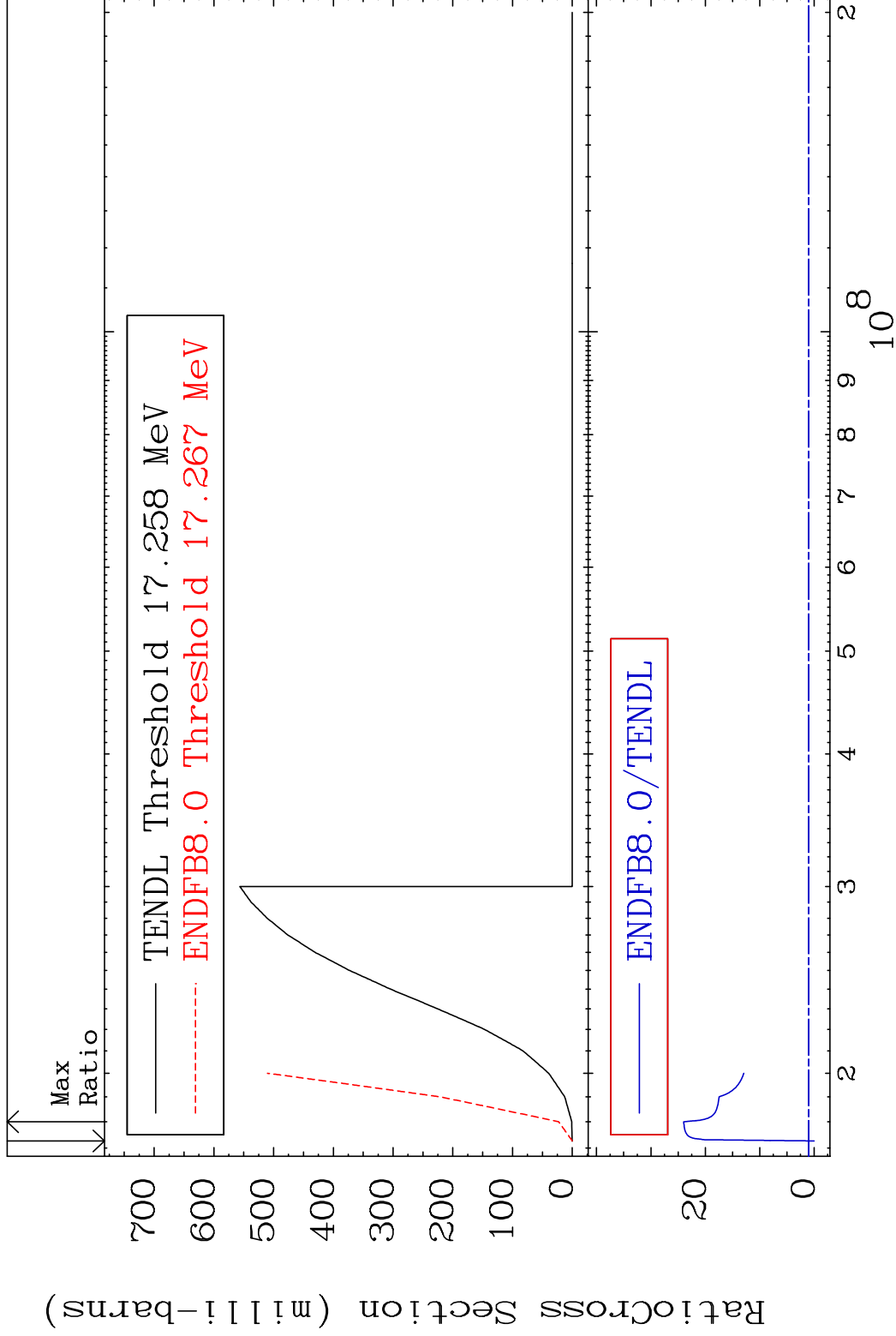
Incident Energy (eV) 50-Sn-116

MAT 5037

(n,3n)

50-Sn-116

Cross Section -100.0 To 2298. %



5

Incident Energy (eV)

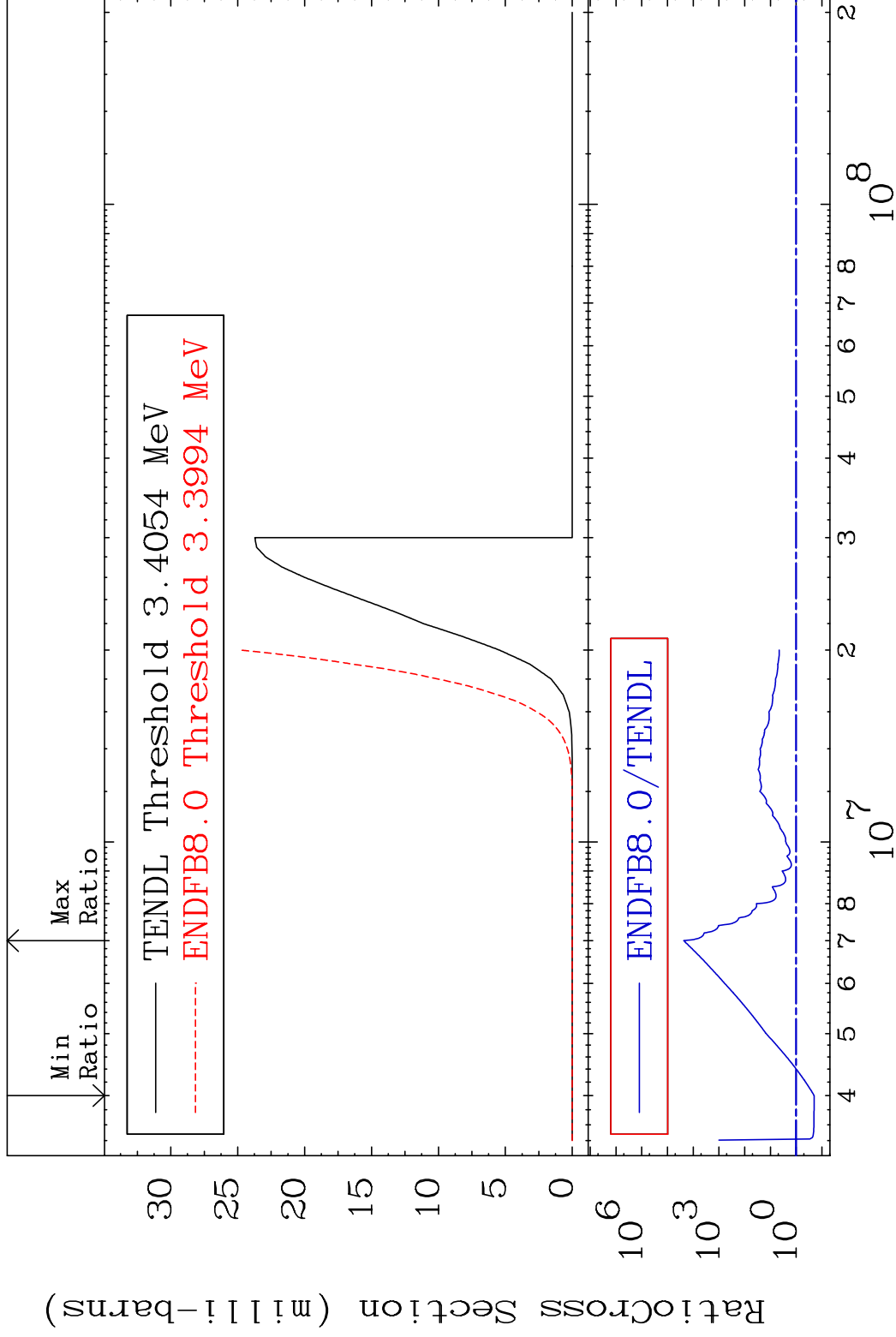
50-Sn-116

MAT 5037

(n, n') α

50-Sn-116

Cross Section -79.80 To 9999. %

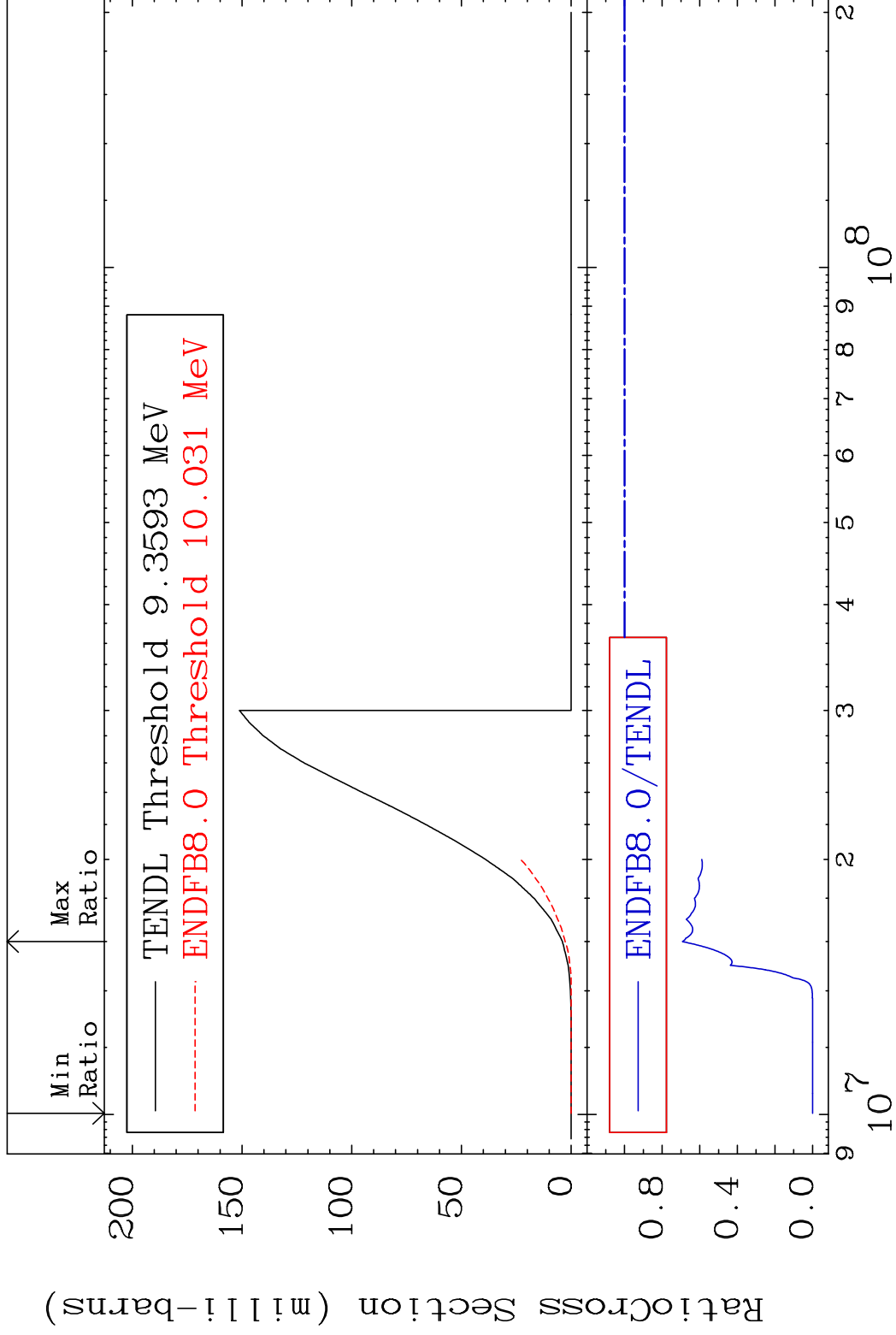


MAT 5037

(n, n') p

50-Sn-116

Cross Section -100.0 To -30.74%

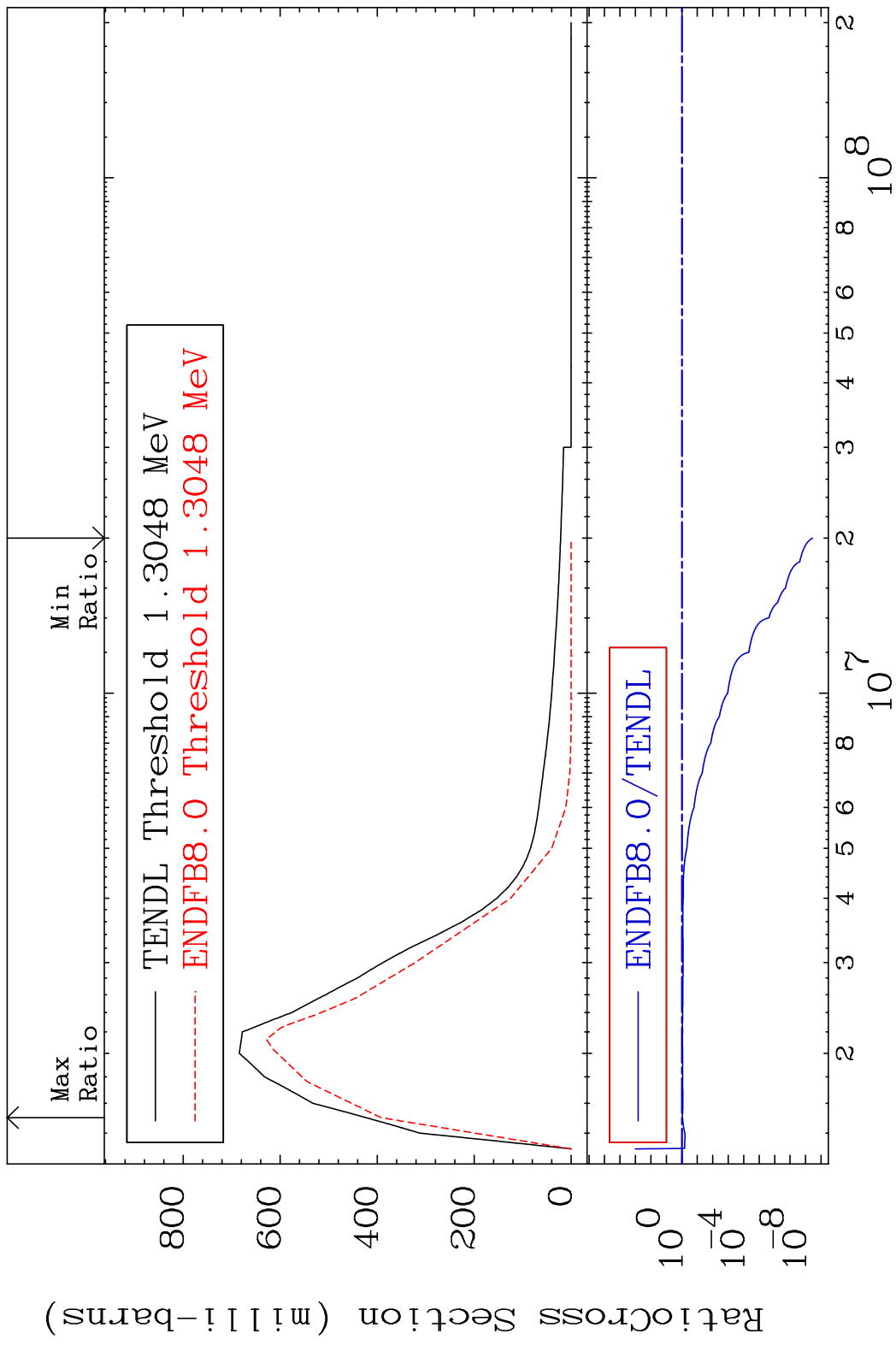


7

Incident Energy (eV)

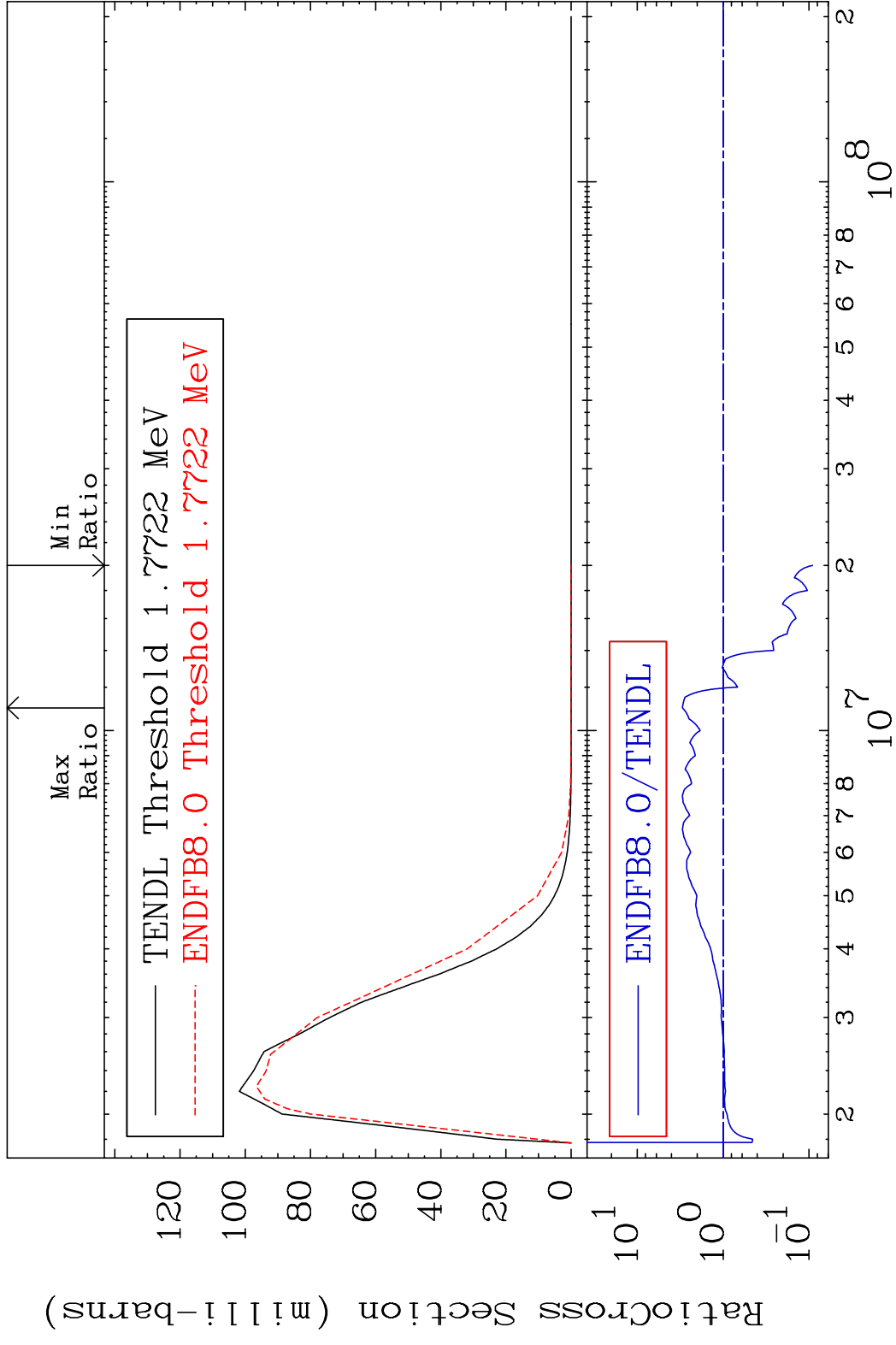
50-Sn-116

MAT 5037 MT= 51 (n, n') Level 50-Sn-116
 Cross Section -100.0 To -7.257%

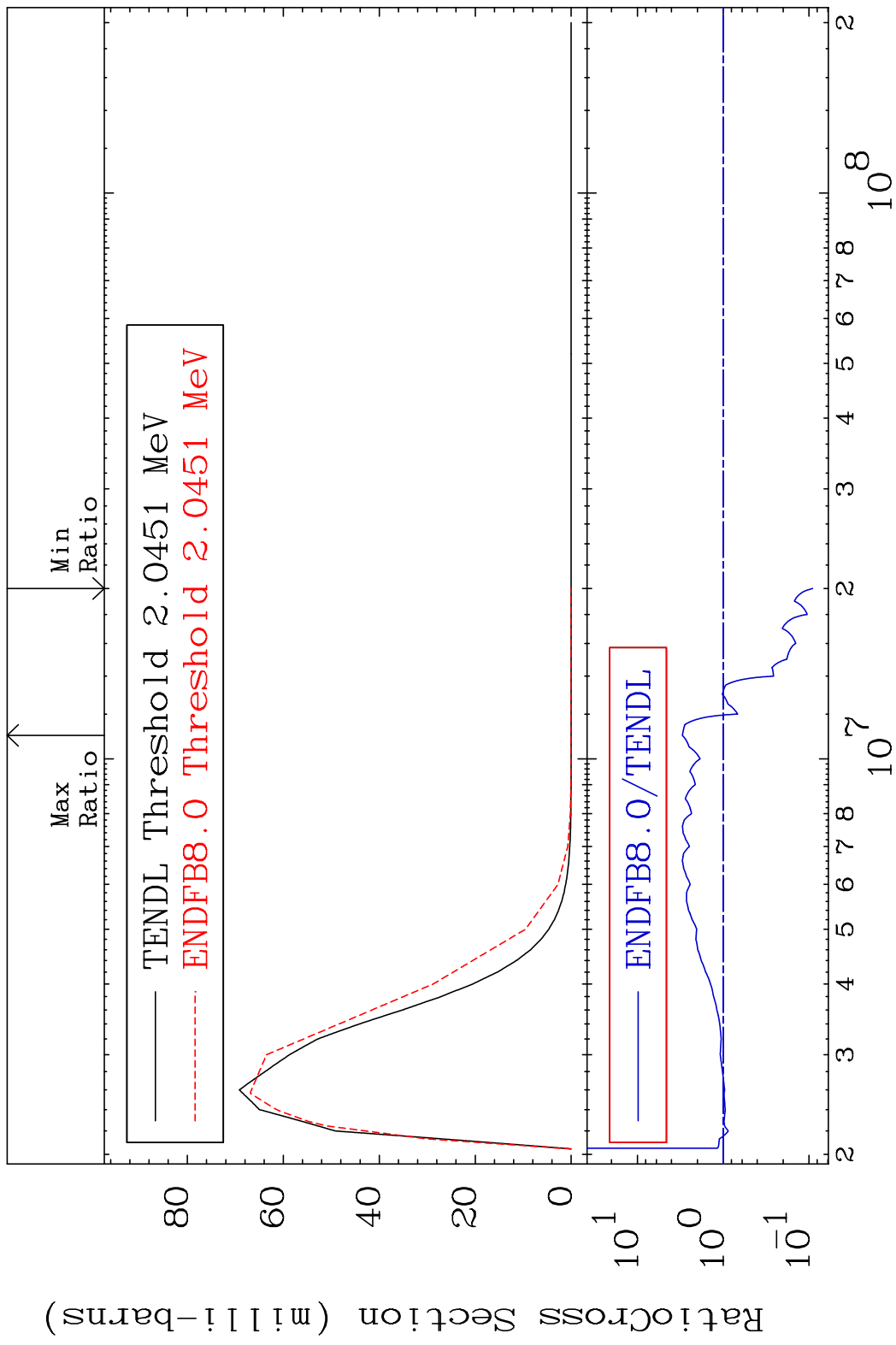


8 Incident Energy (eV) 50-Sn-116

MAT 5037 MT= 52 (n, n') Level 50-Sn-116
 Cross Section -90.91 To 198.3 %



MAT 5037 MT= 53 (n, n') Level 50-Sn-116
 Cross Section -90.93 To 199.0 %



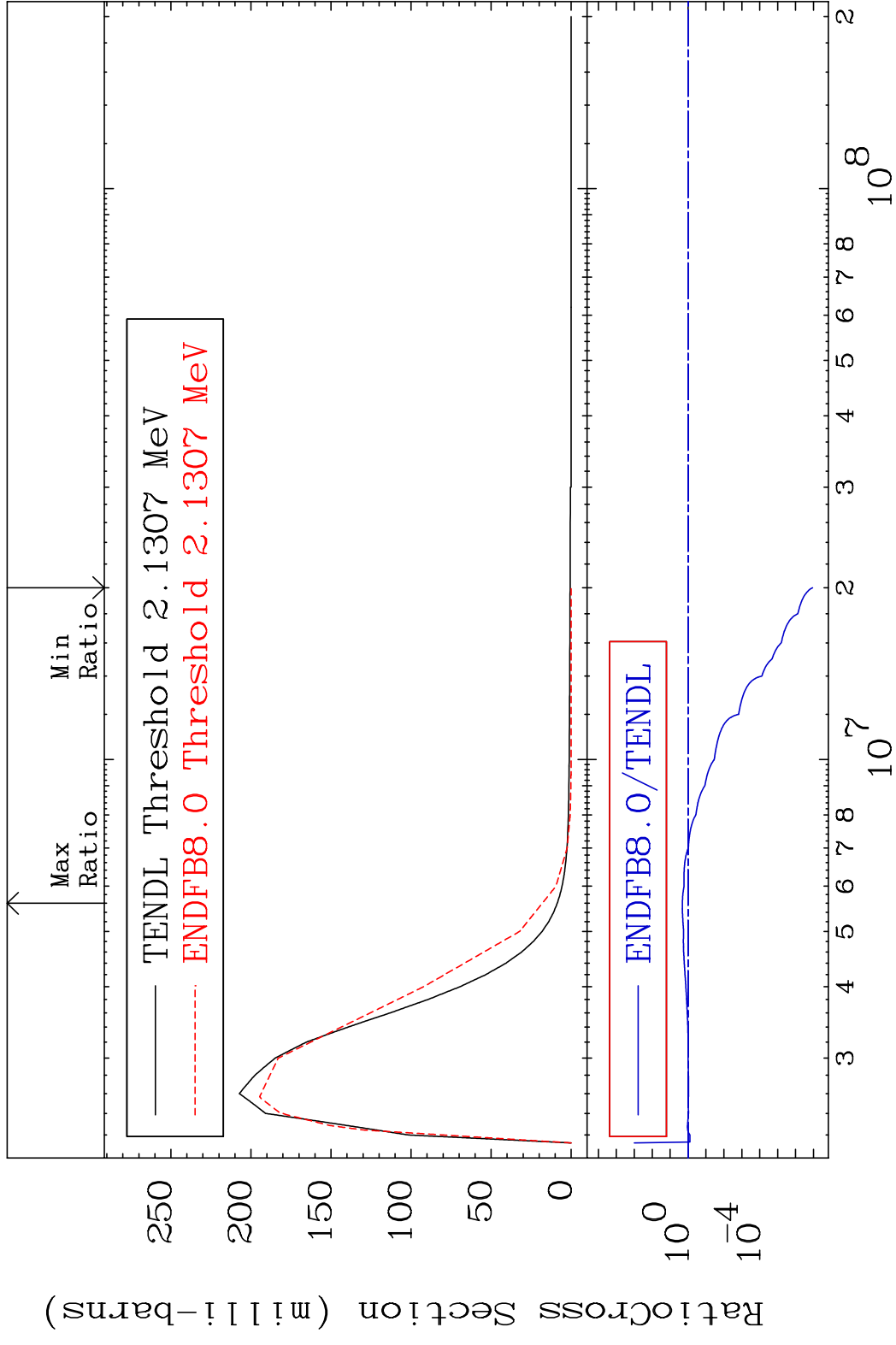
10 Incident Energy (eV) 50-Sn-116

MAT 5037

MT= 54 (n, n') Level

50-Sn-116

Cross Section -100.0 To 107.8 %

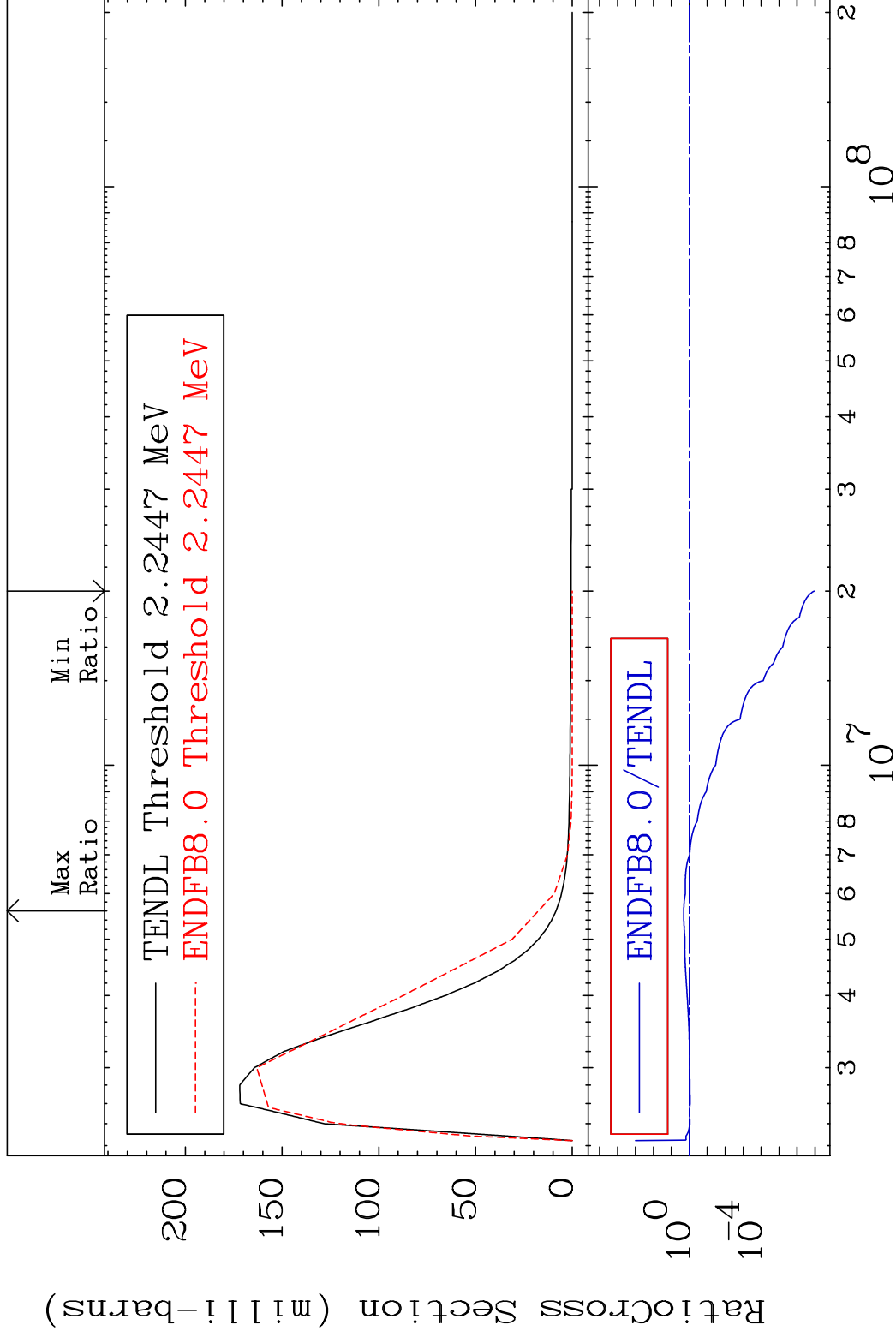


MAT 5037

MT= 55 (n, n') Level

50-Sn-116

Cross Section -100.0 To 108.1 %

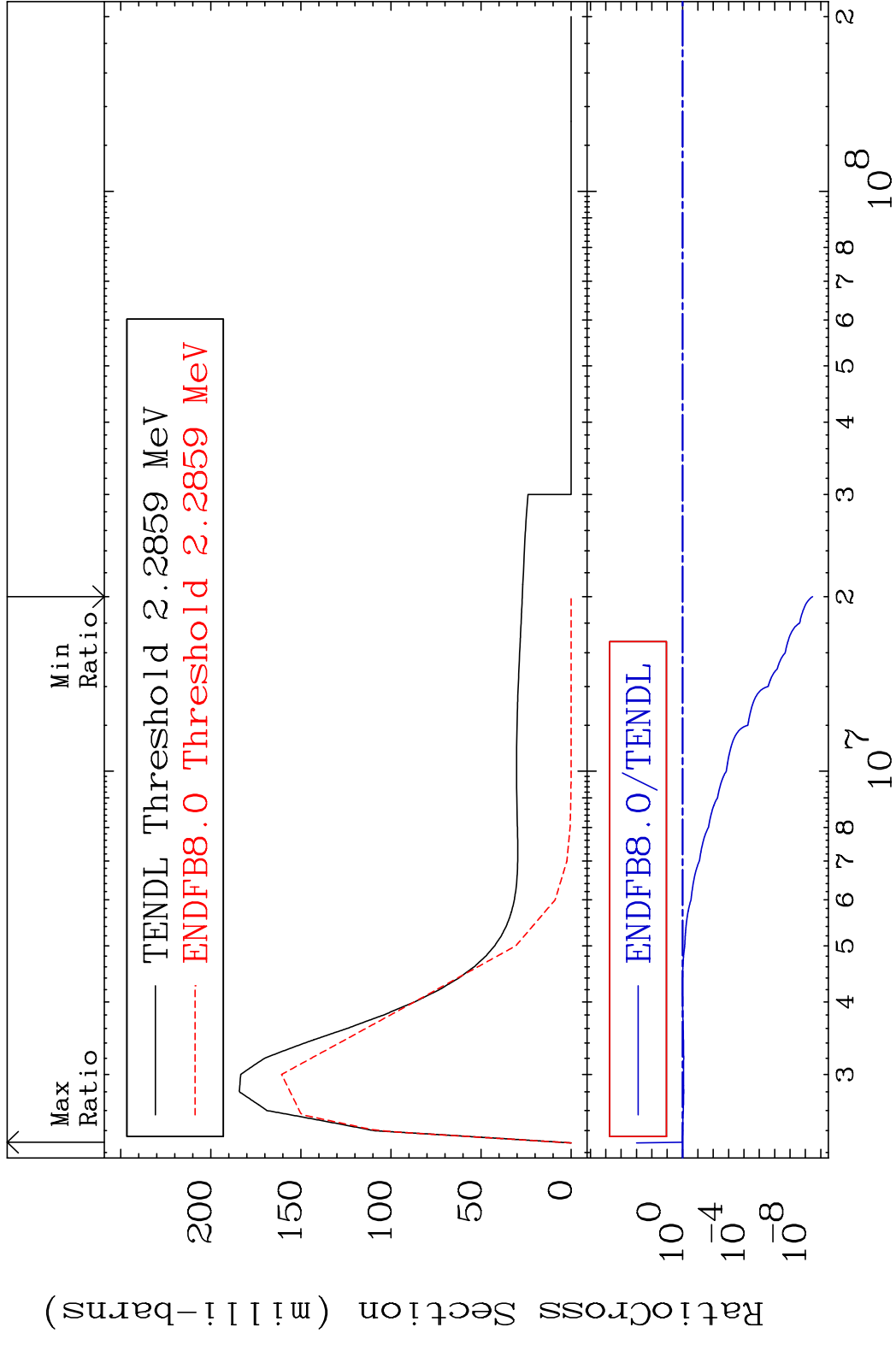


12

Incident Energy (eV)

50-Sn-116

MAT 5037 MT= 56 (n, n') Level 50-Sn-116
 Cross Section -100.0 To 3.217 %

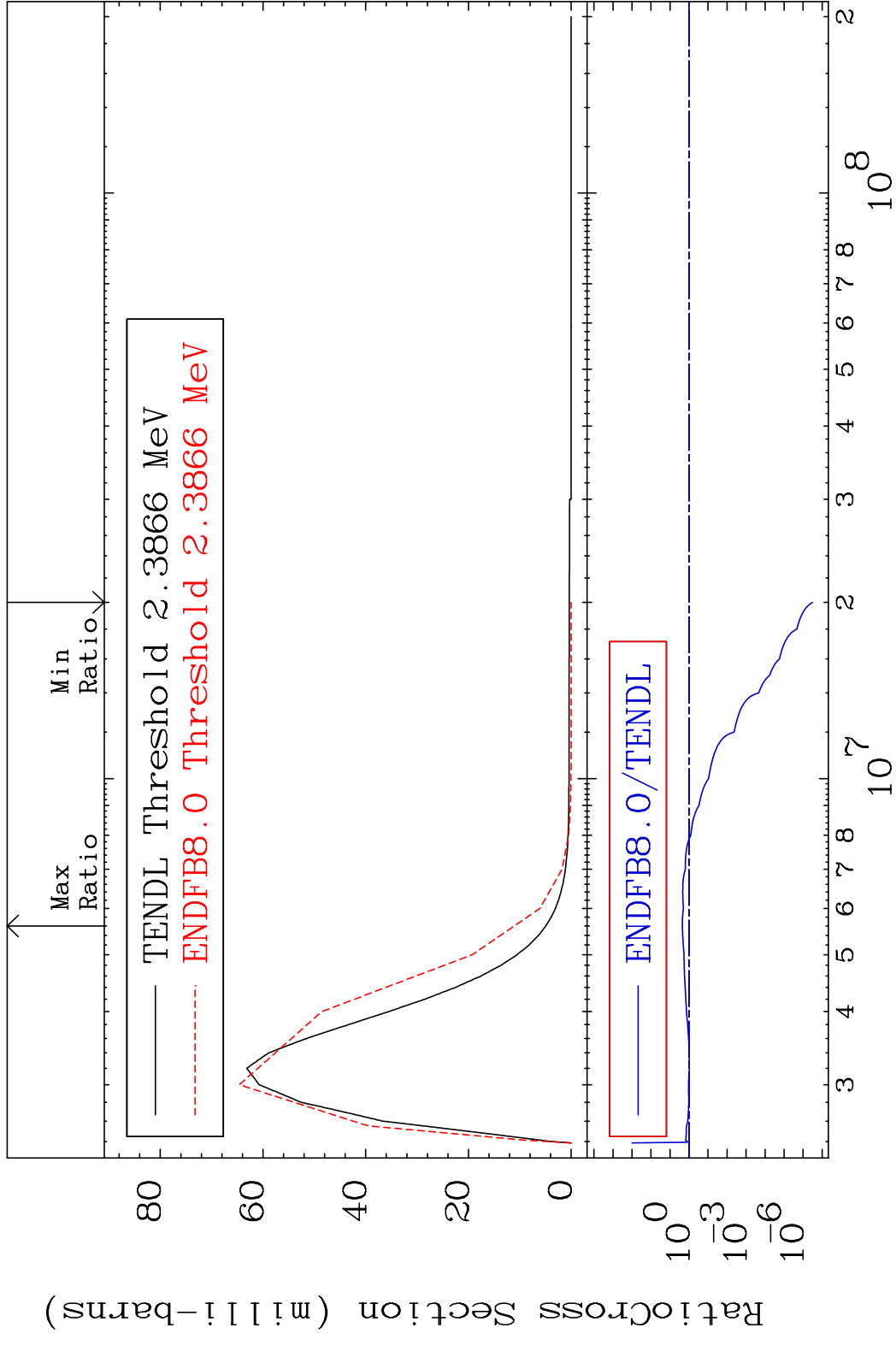


MAT 5037

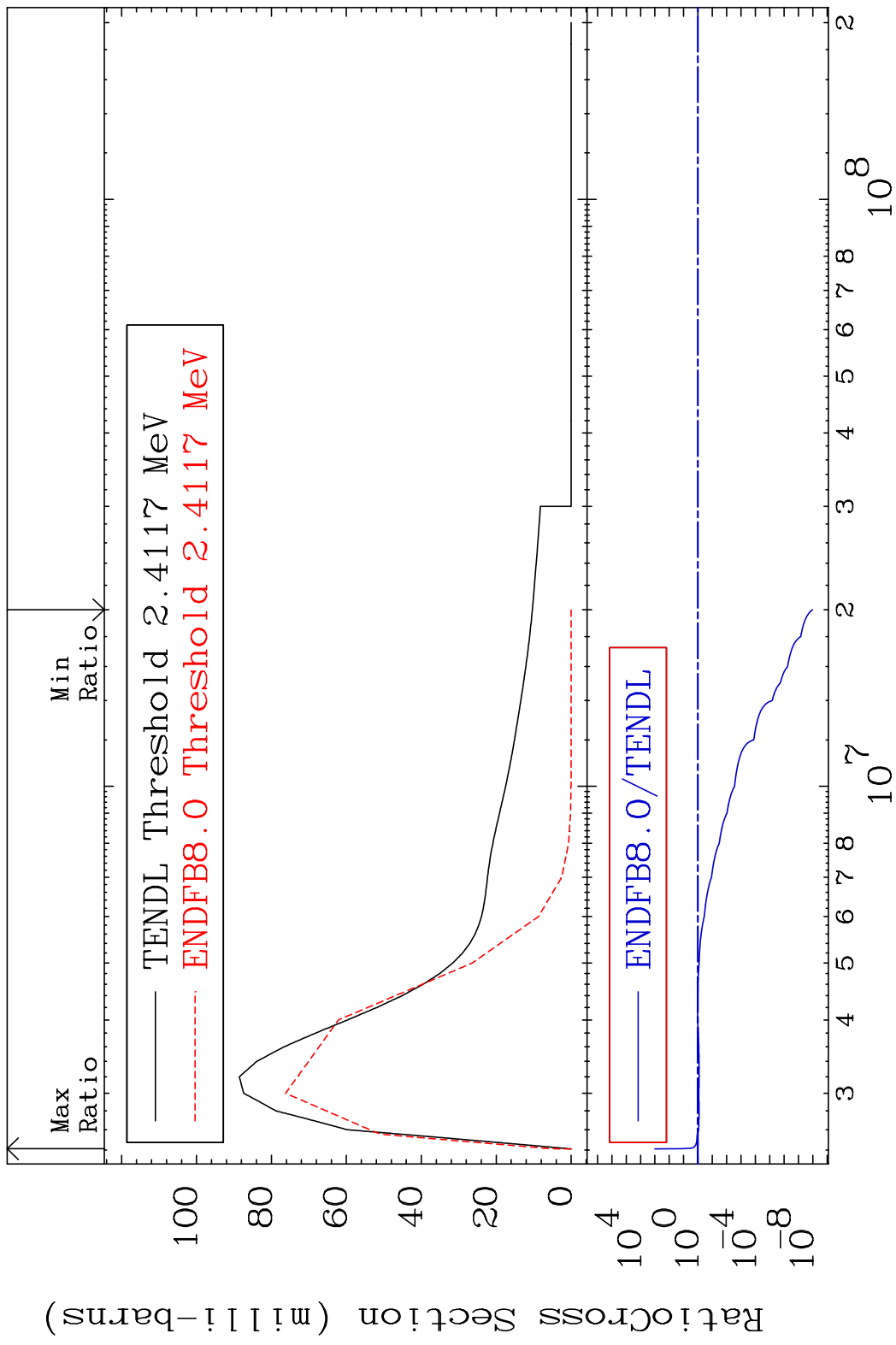
MT= 57 (n, n') Level

50-Sn-116

Cross Section -100.0 To 124.1 %

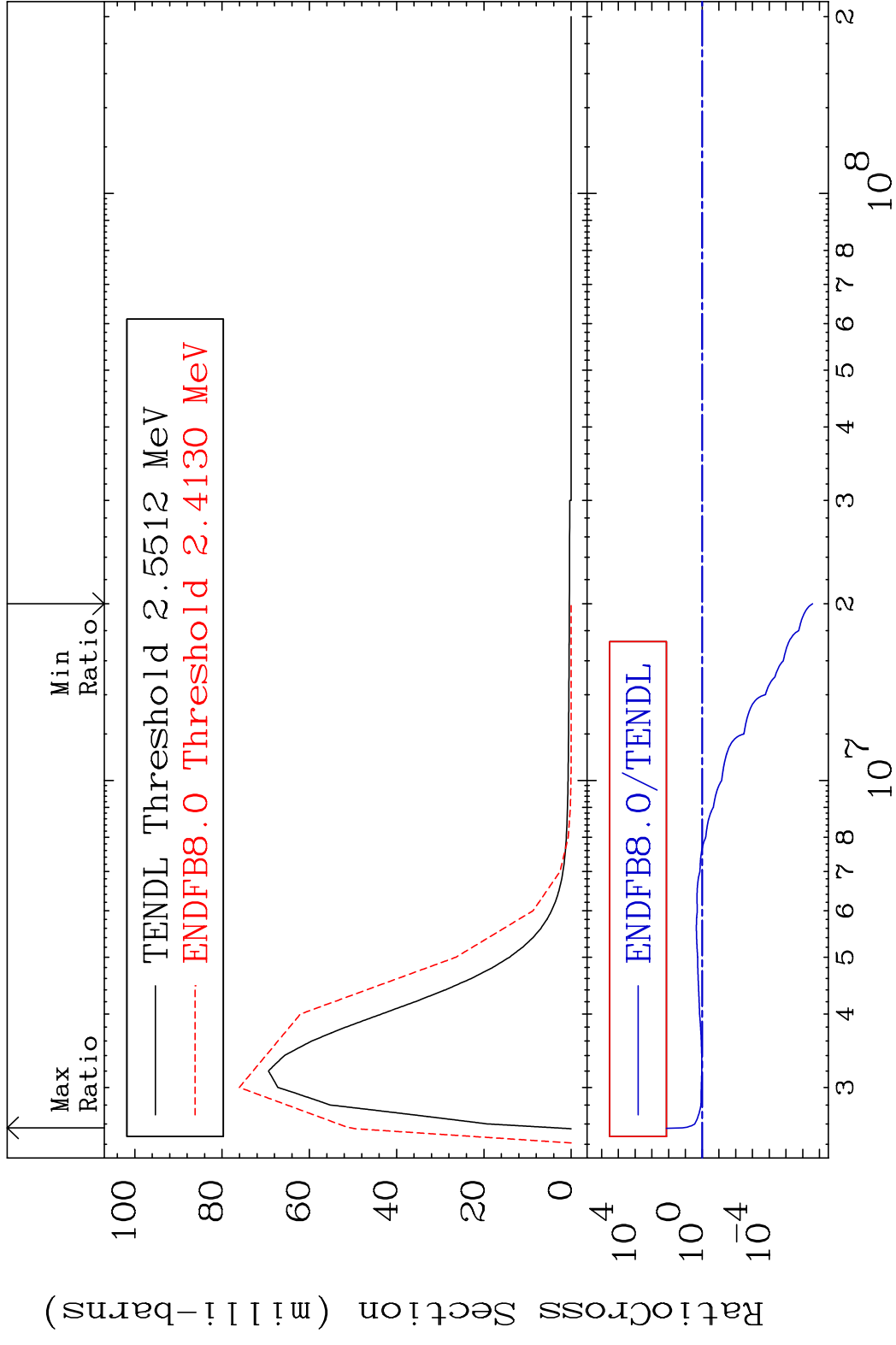


MAT 5037 MT= 58 (n,n') Level 50-Sn-116
 Cross Section -100.0 To 1122. %



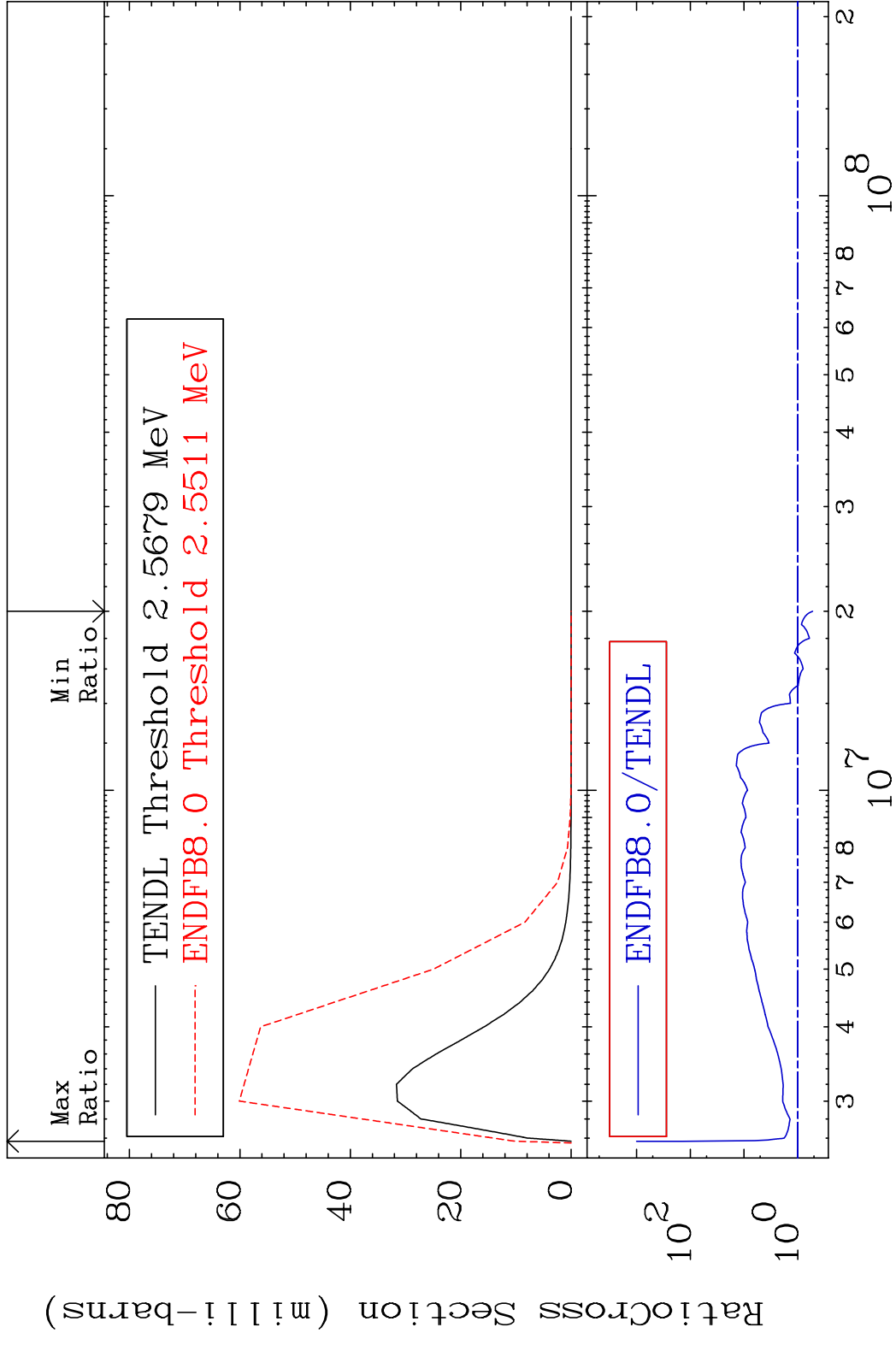
15 50-Sn-116

MAT 5037 MT= 59 (n,n') Level 50-Sn-116
 Cross Section -100.0 To 1420. %



16 Incident Energy (eV) 50-Sn-116

MAT 5037 MT= 60 (n,n') Level 50-Sn-116
 Cross Section -46.91 To 9999. %



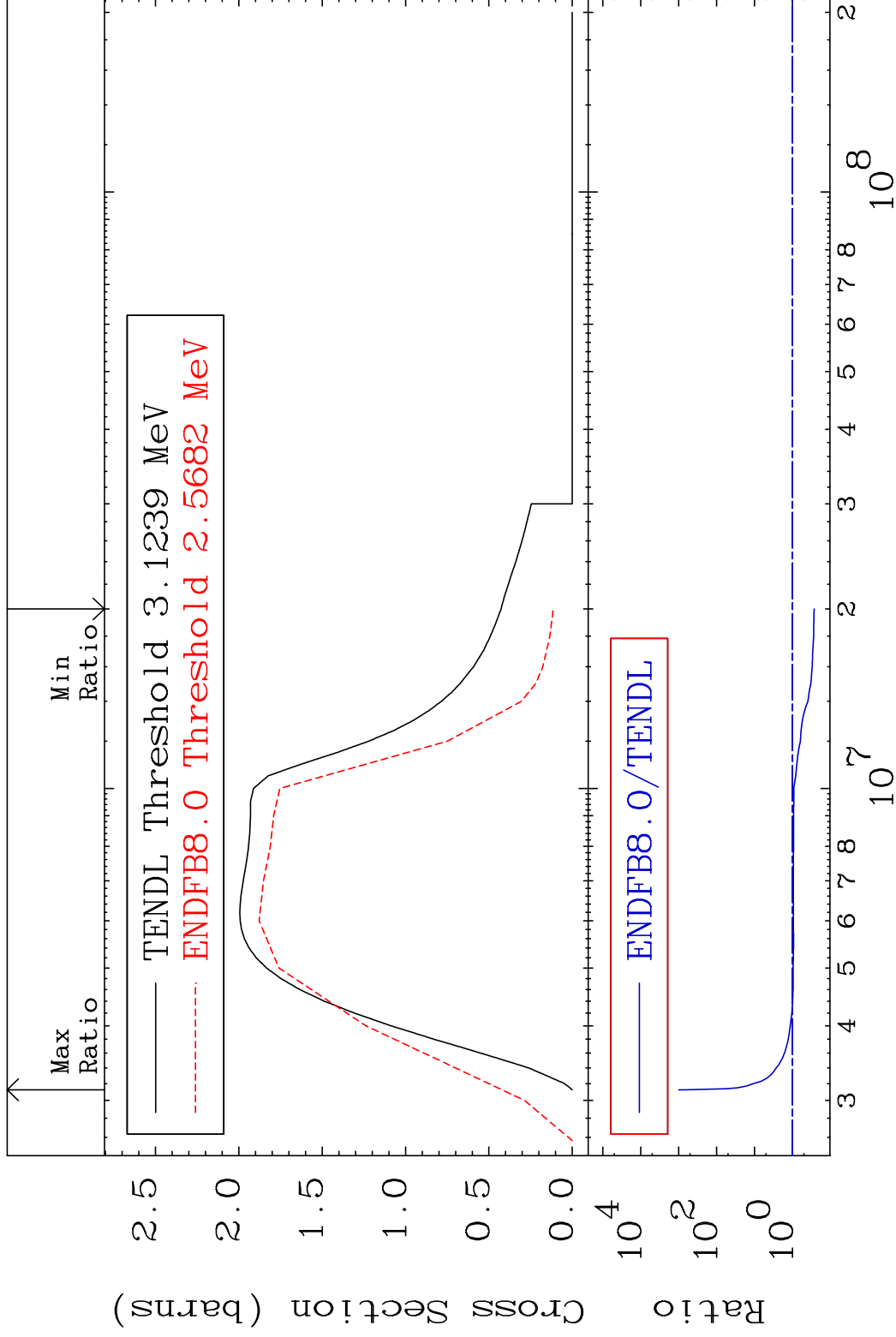
17 Incident Energy (eV) 50-Sn-116

MAT 5037

(n,n') Continuum

50-Sn-116

Cross Section -73.31 To 9999. %



18

Incident Energy (eV)

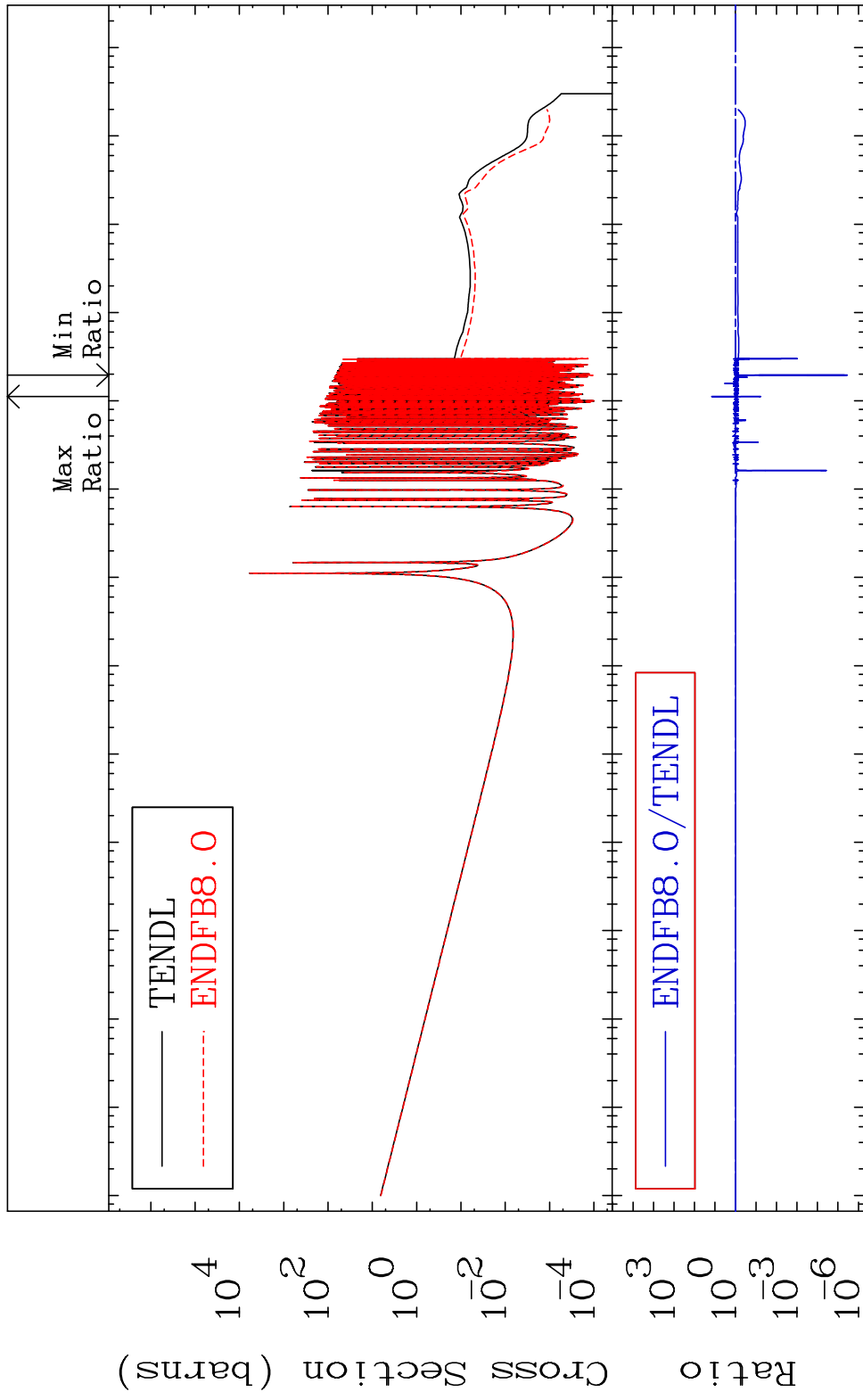
50-Sn-116

MAT 5037

(n, γ)

50-Sn-116

Cross Section -100.0 To 1370. %



19

Incident Energy (eV)

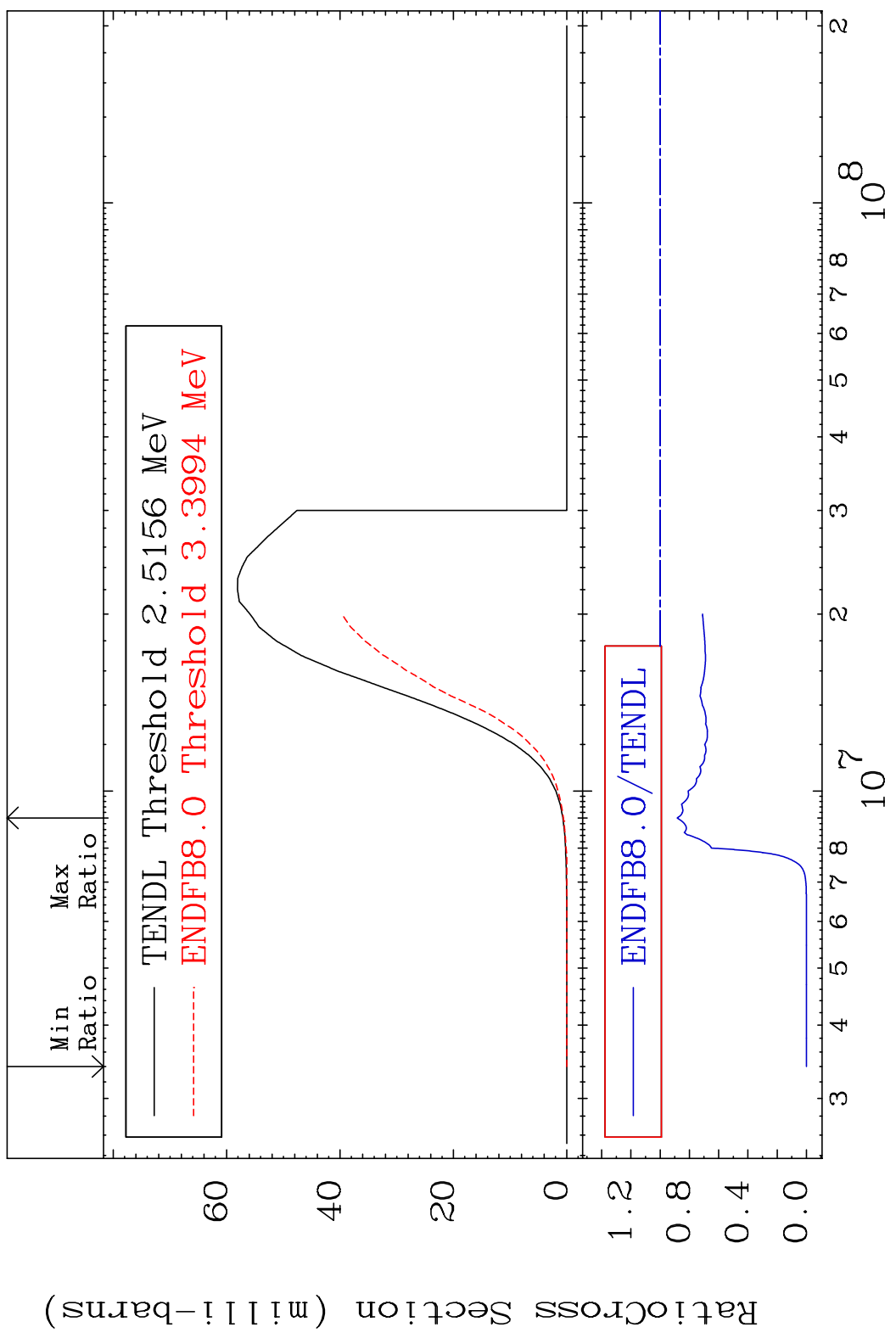
50-Sn-116

MAT 5037

(n,p)

50-Sn-116

Cross Section -100.0 To -11.66%

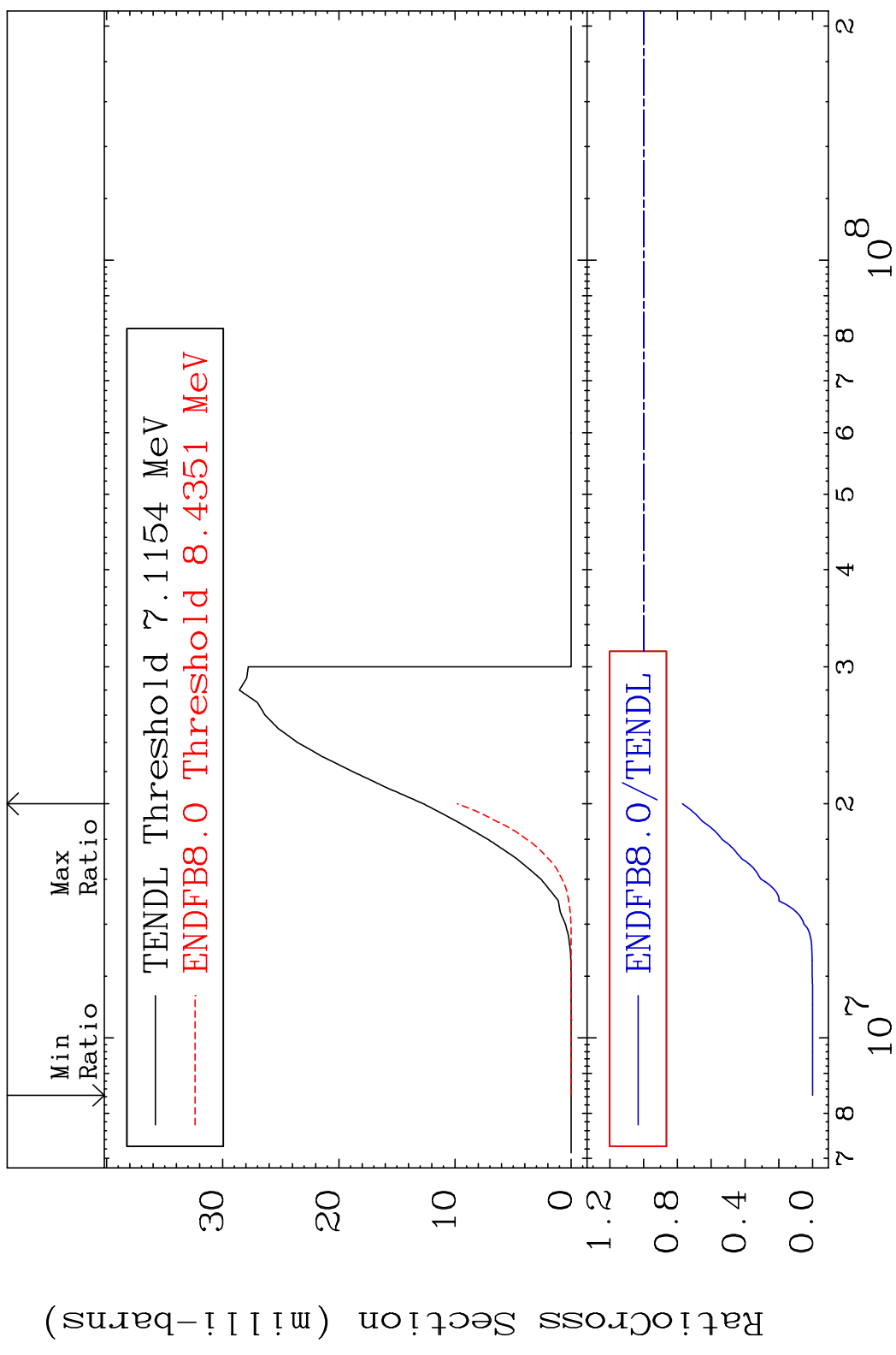


20

Incident Energy (eV)

50-Sn-116

MAT 5037 (n,d) 50-Sn-116
 Cross Section -100.0 To -22.92%

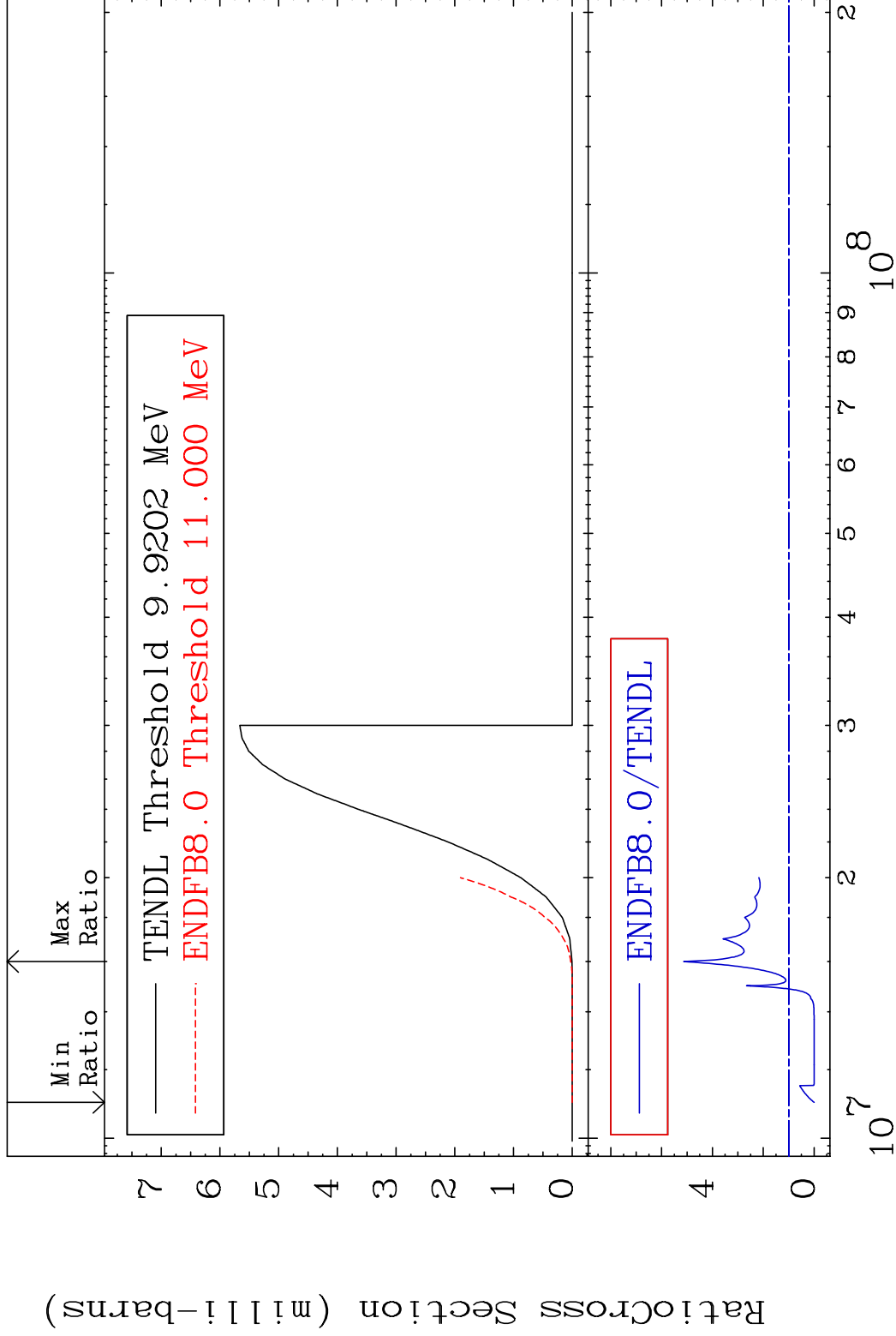


MAT 5037

(n, t)

50-Sn-116

Cross Section -100.0 To 413.3 %



22

Incident Energy (eV)

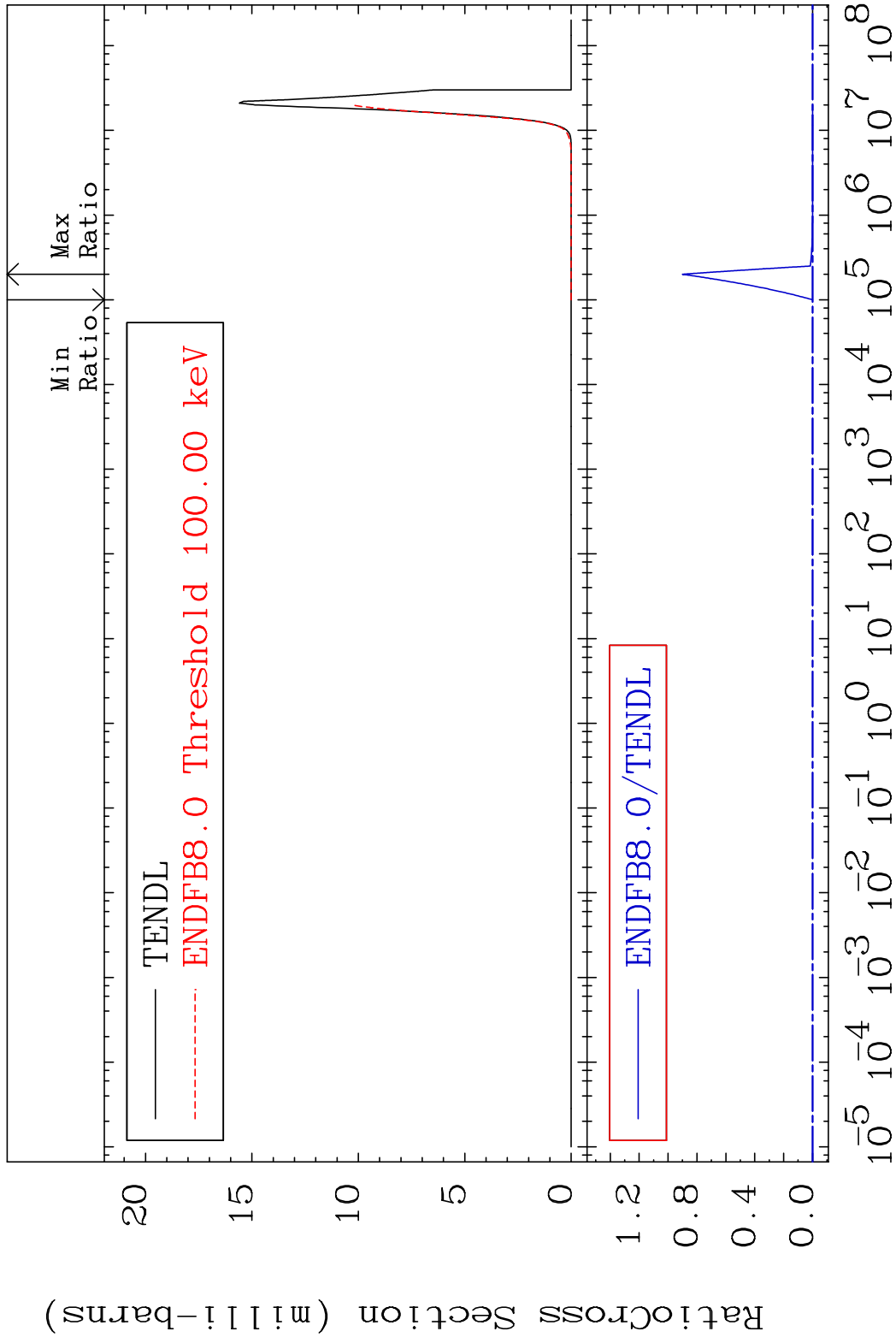
50-Sn-116

MAT 5037

(n, α)

50-Sn-116

Cross Section -100.0 To 9999. %

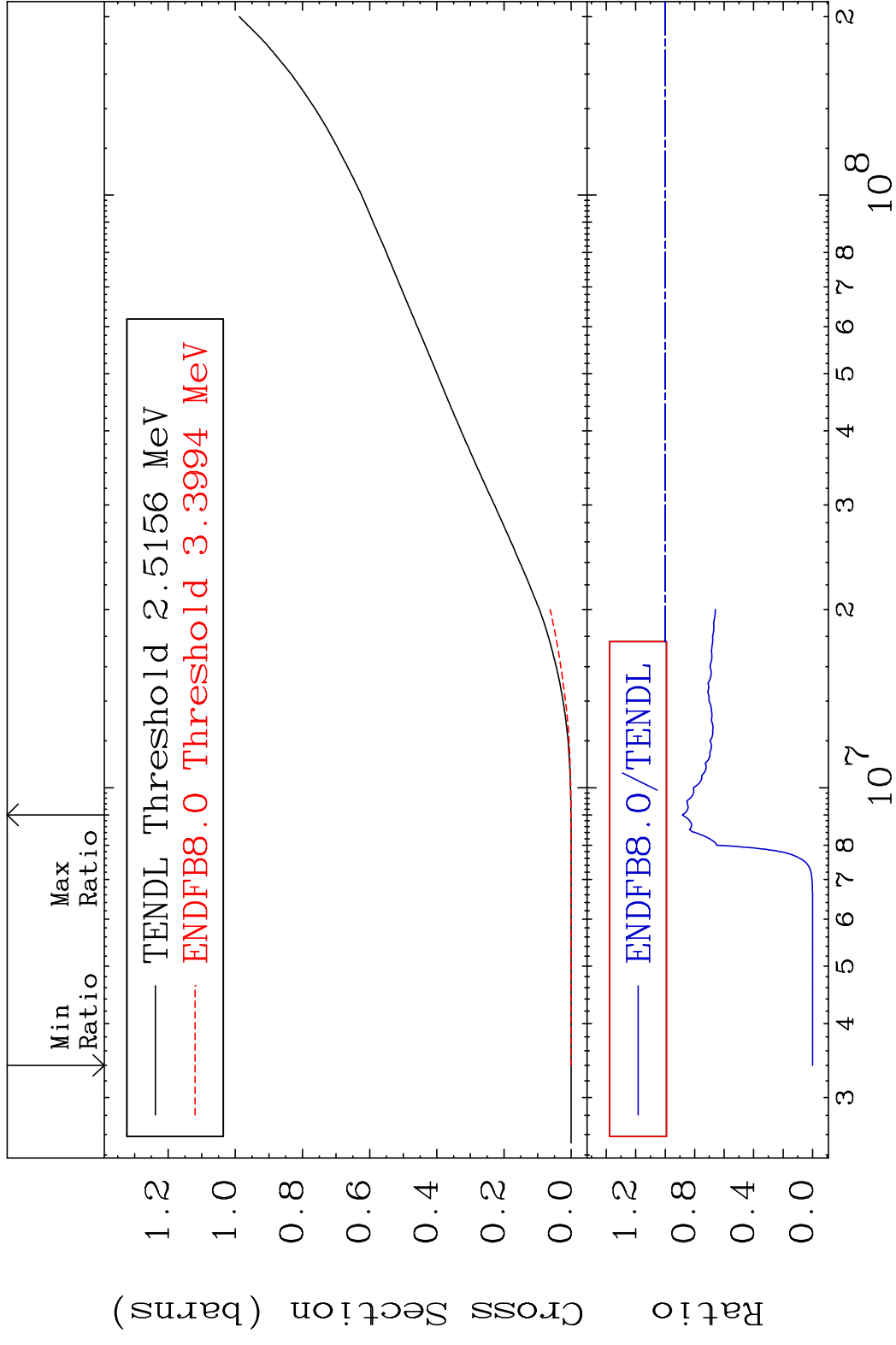


23

Incident Energy (eV)

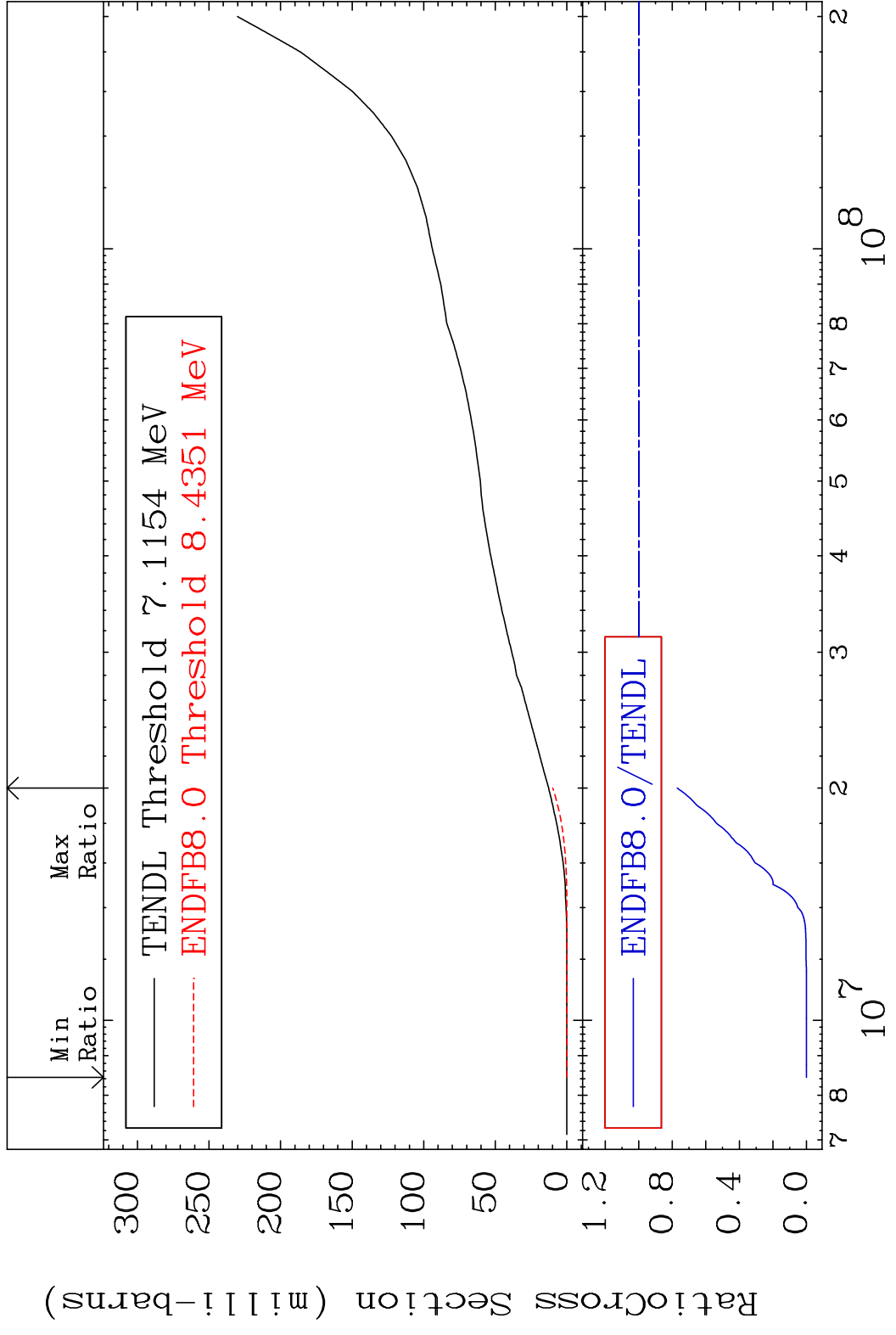
50-Sn-116

MAT 5037 Hydrogen Production 50-Sn-116
 Cross Section -100.0 To -11.66%



MAT 5037

Deuterium Production 50-Sn-116
Cross Section -100.0 To -22.92%



25

Incident Energy (eV)

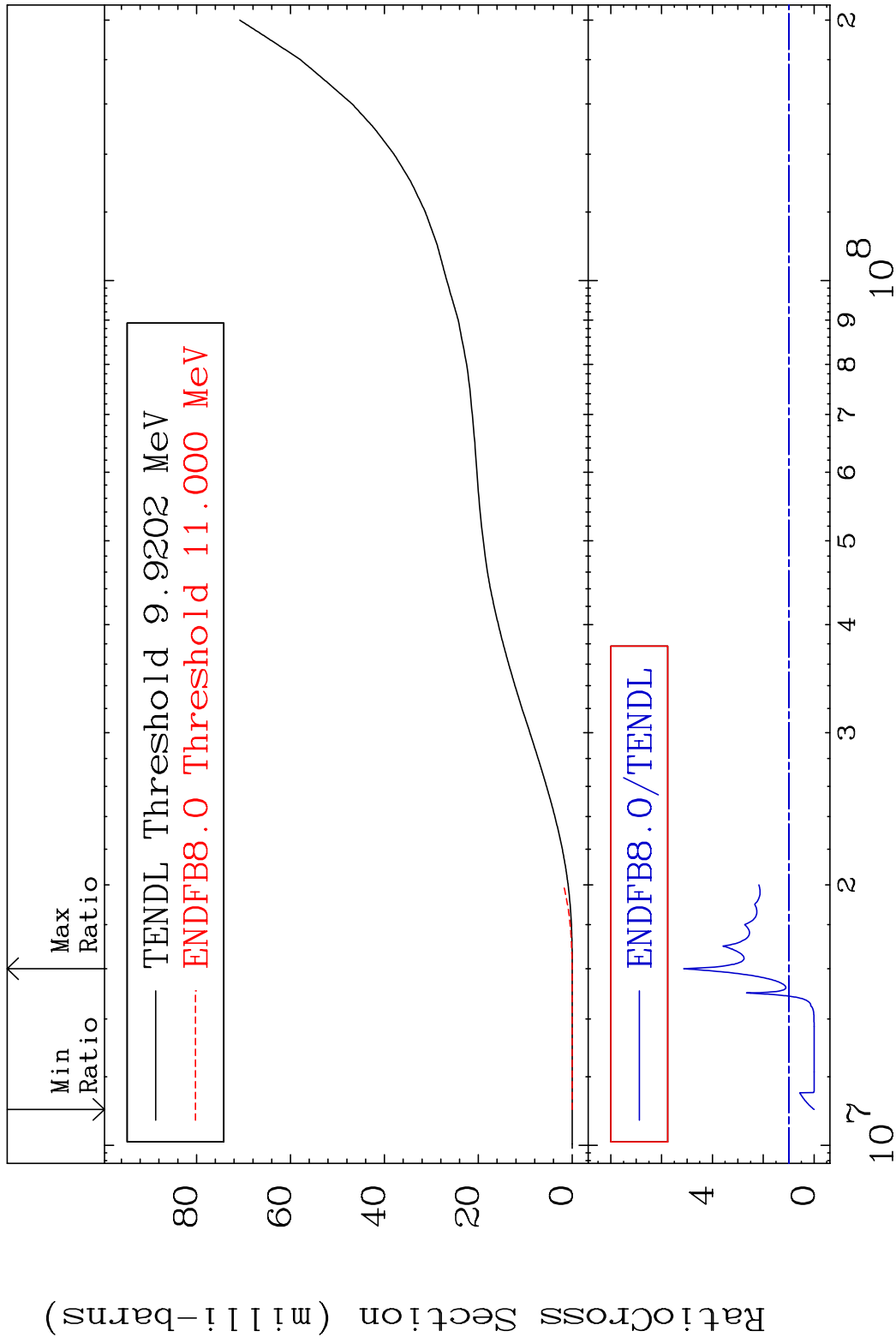
50-Sn-116

MAT 5037

Tritium Production

50-Sn-116

Cross Section -100.0 To 413.3 %



26

Incident Energy (eV)

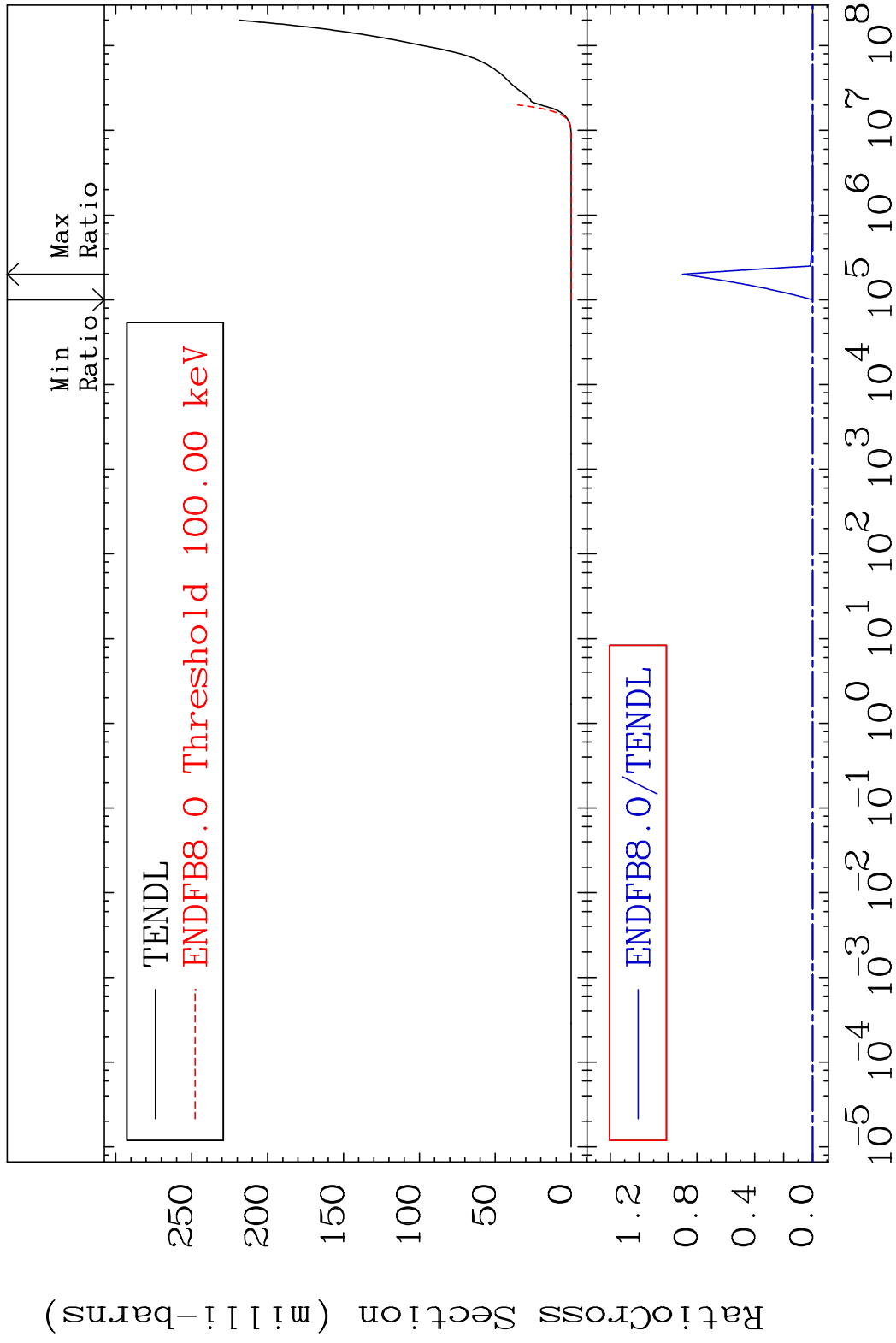
50-Sn-116

MAT 5037

He-4 Production

50-Sn-116

Cross Section -100.0 To 9999. %

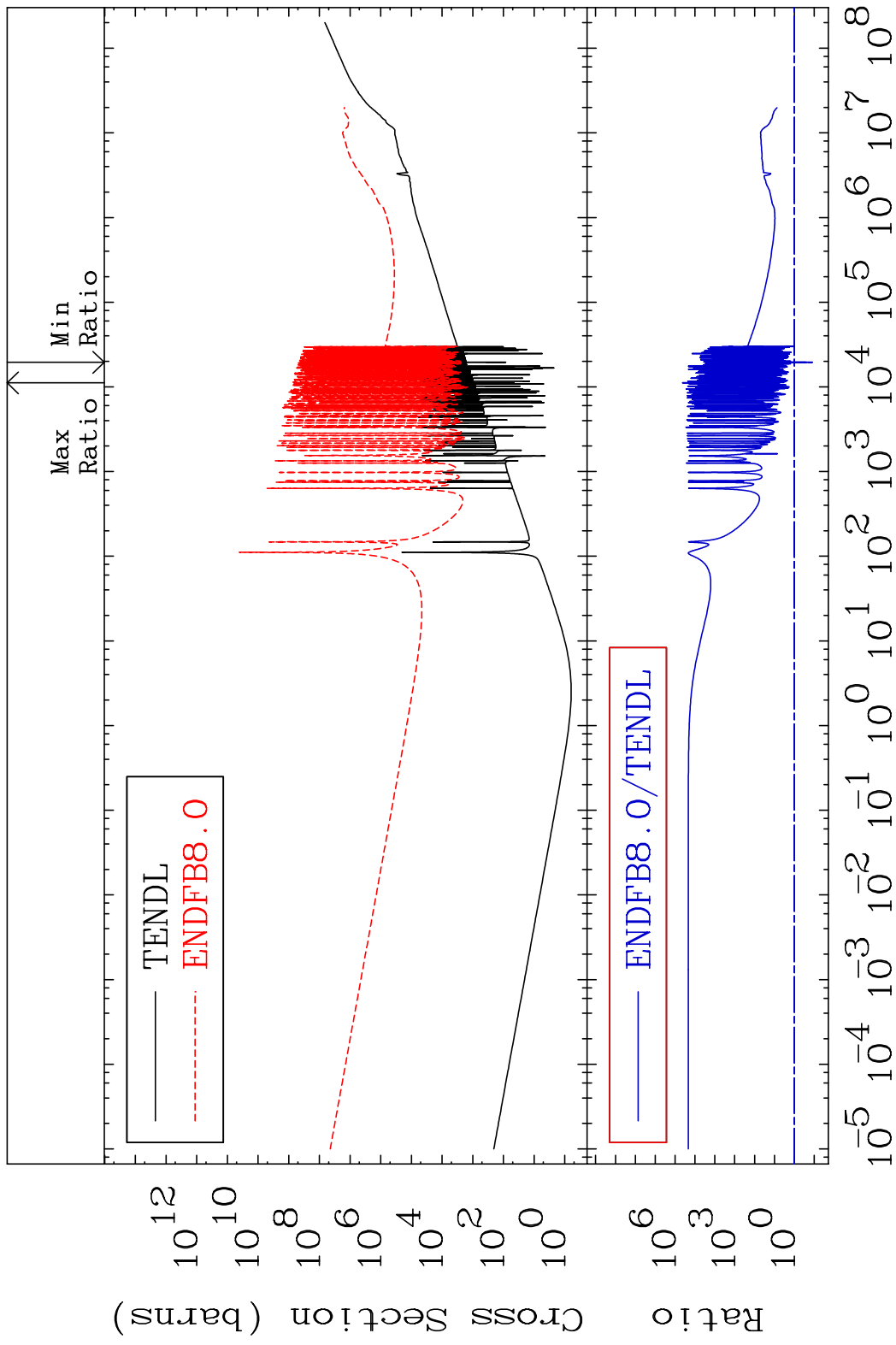


27

Incident Energy (eV)

50-Sn-116

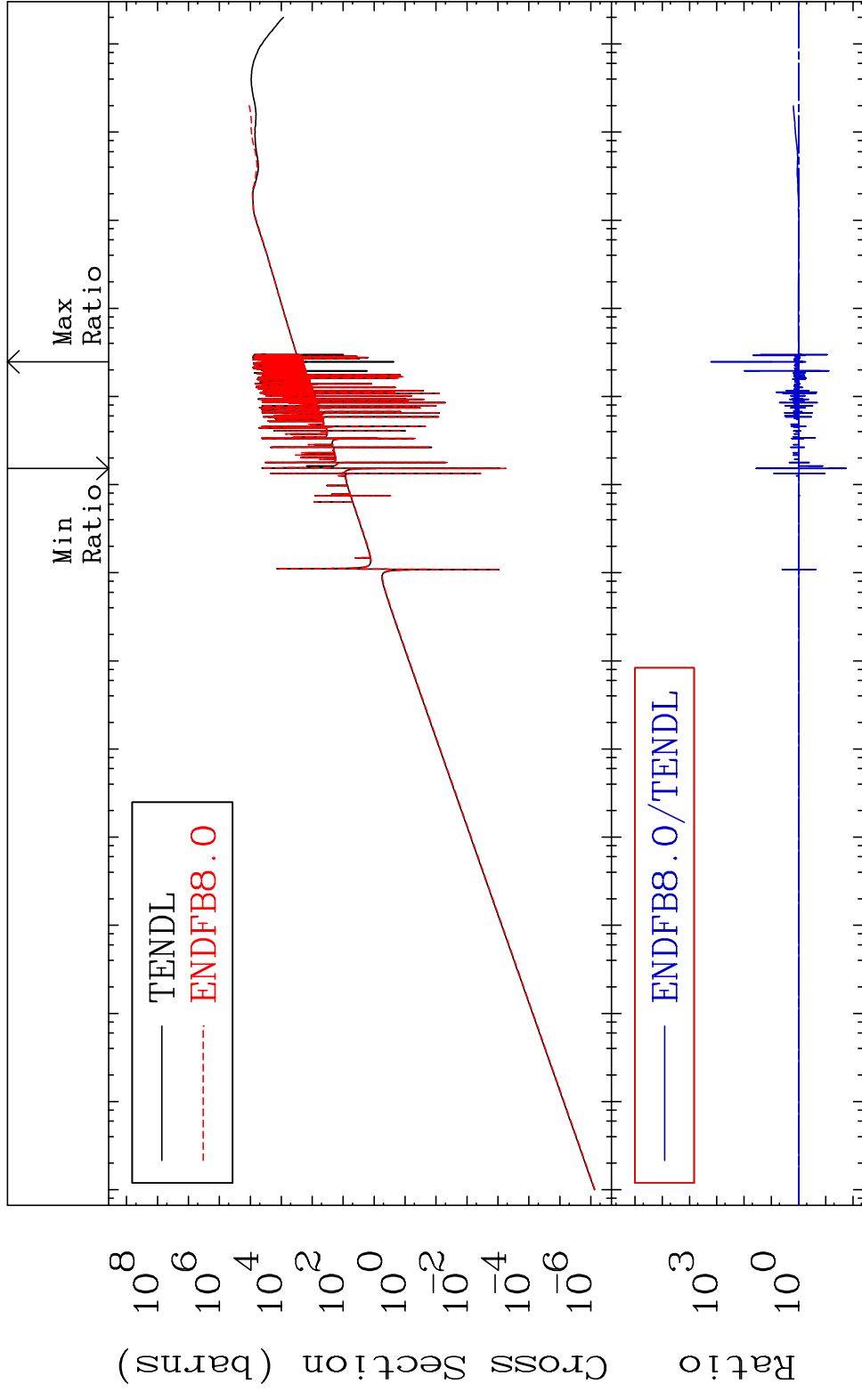
MAT 5037 Kerma total (eV-barns) 50-Sn-116
 Cross Section -87.89 To 9999. %



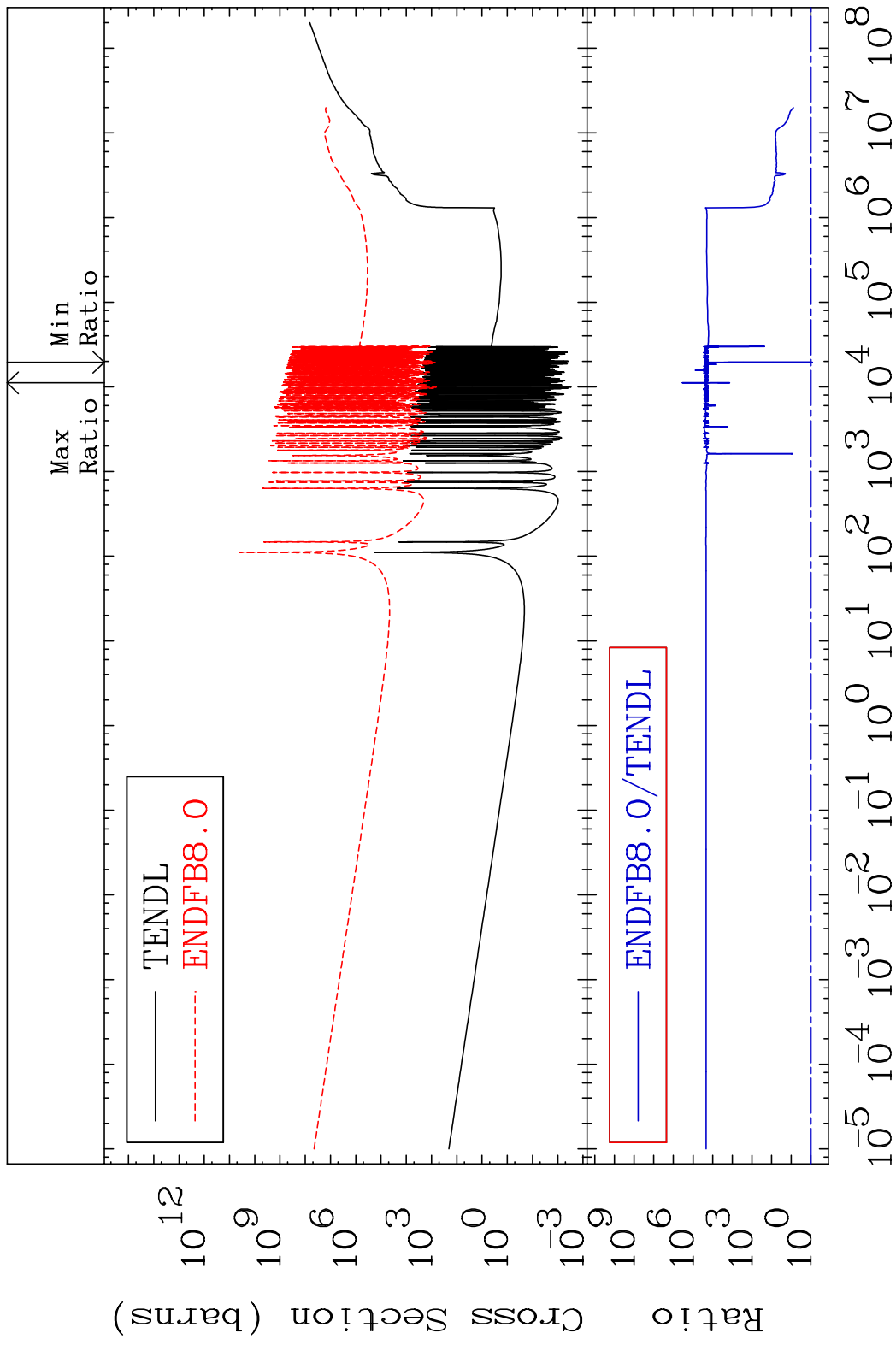
MAT 5037

Kerma elastic
Cross Section

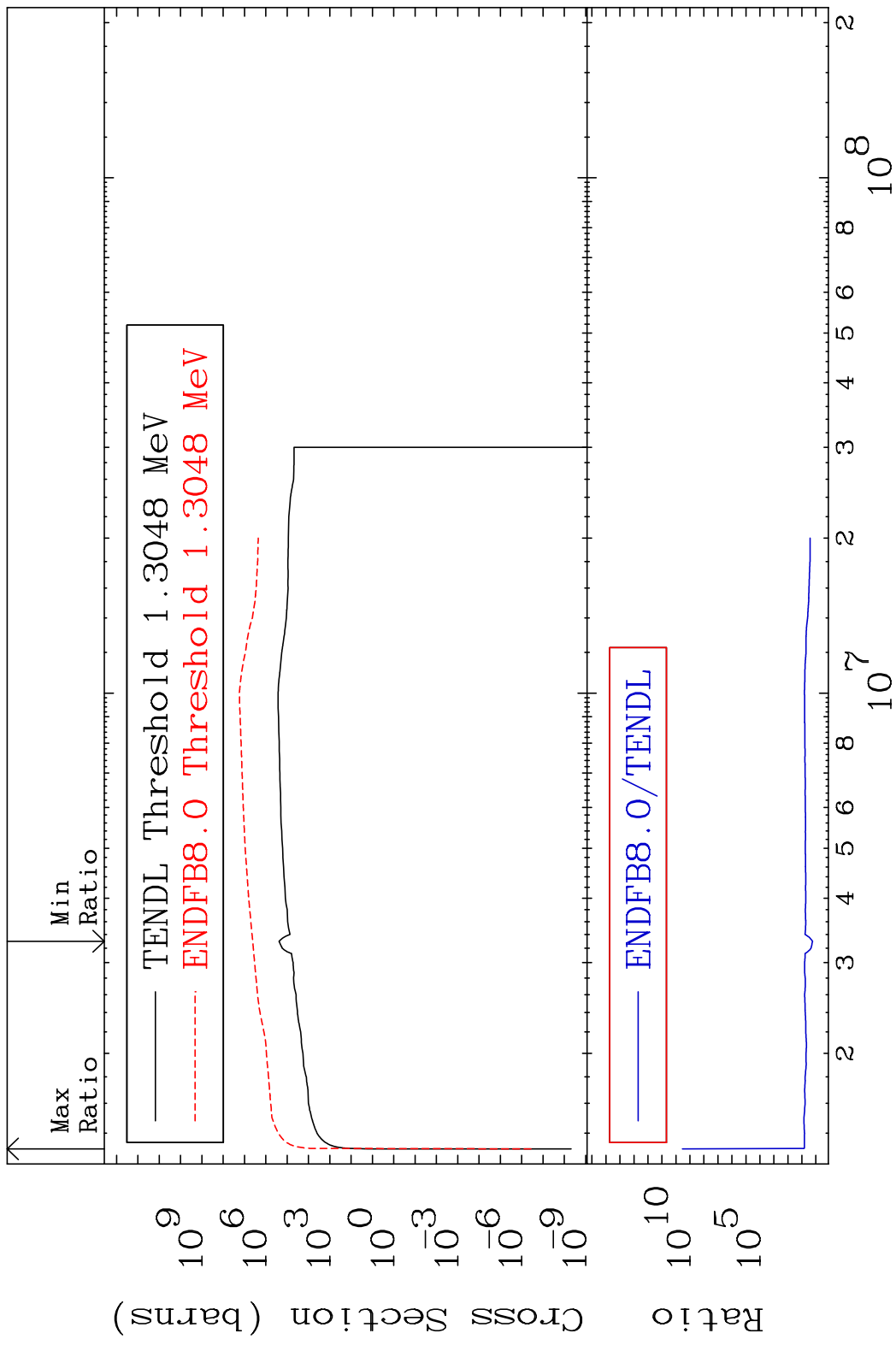
50-Sn-116
-98.24 To 9999. %



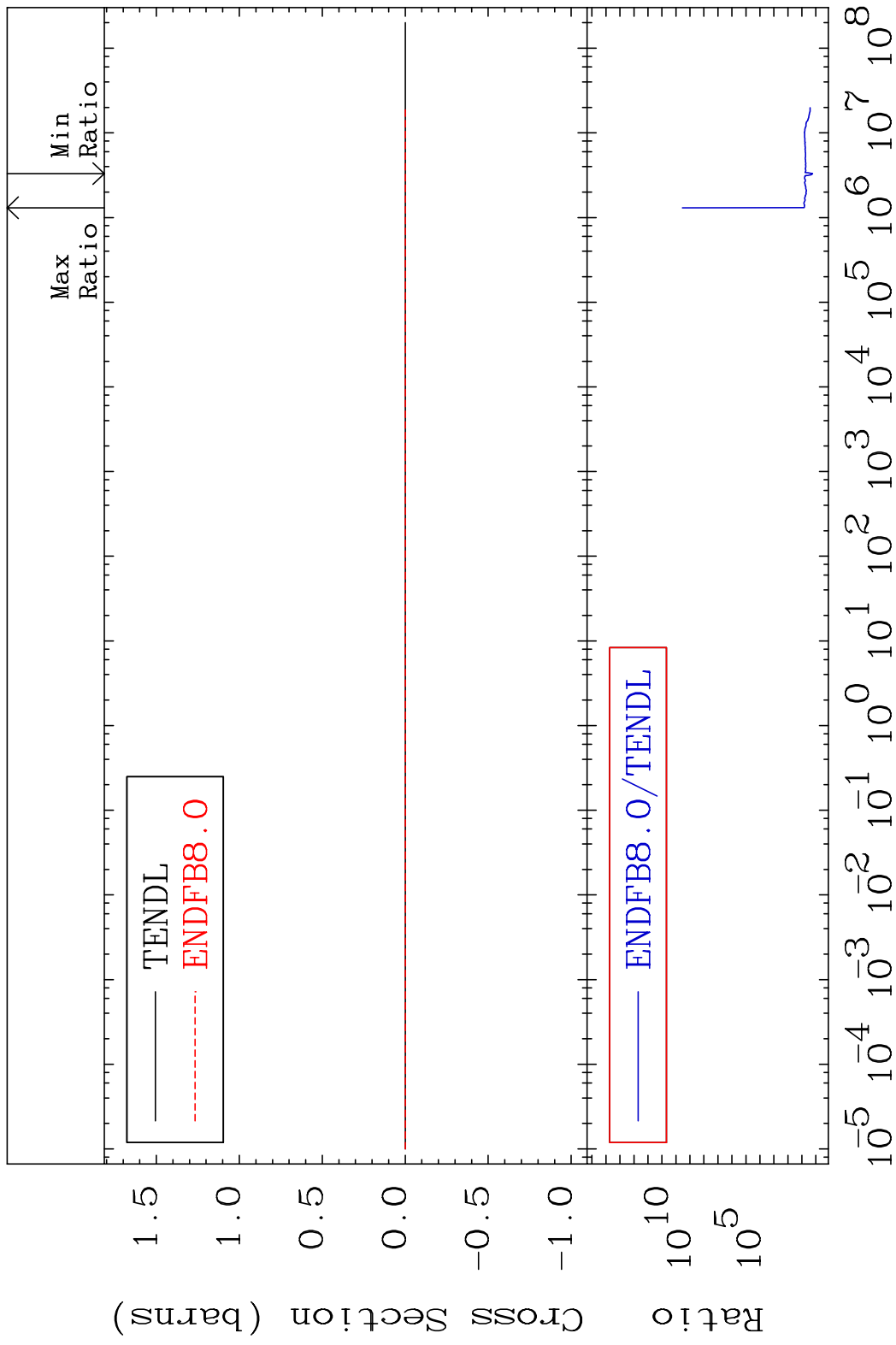
MAT 5037 Kerma non-elastic (all but mt2) 50-Sn-116
 Cross Section -19.28 To 9999. %



MAT 5037 Kerma inelastic (mt51-91) 50-Sn-116
 Cross Section 1632. To 9999. %

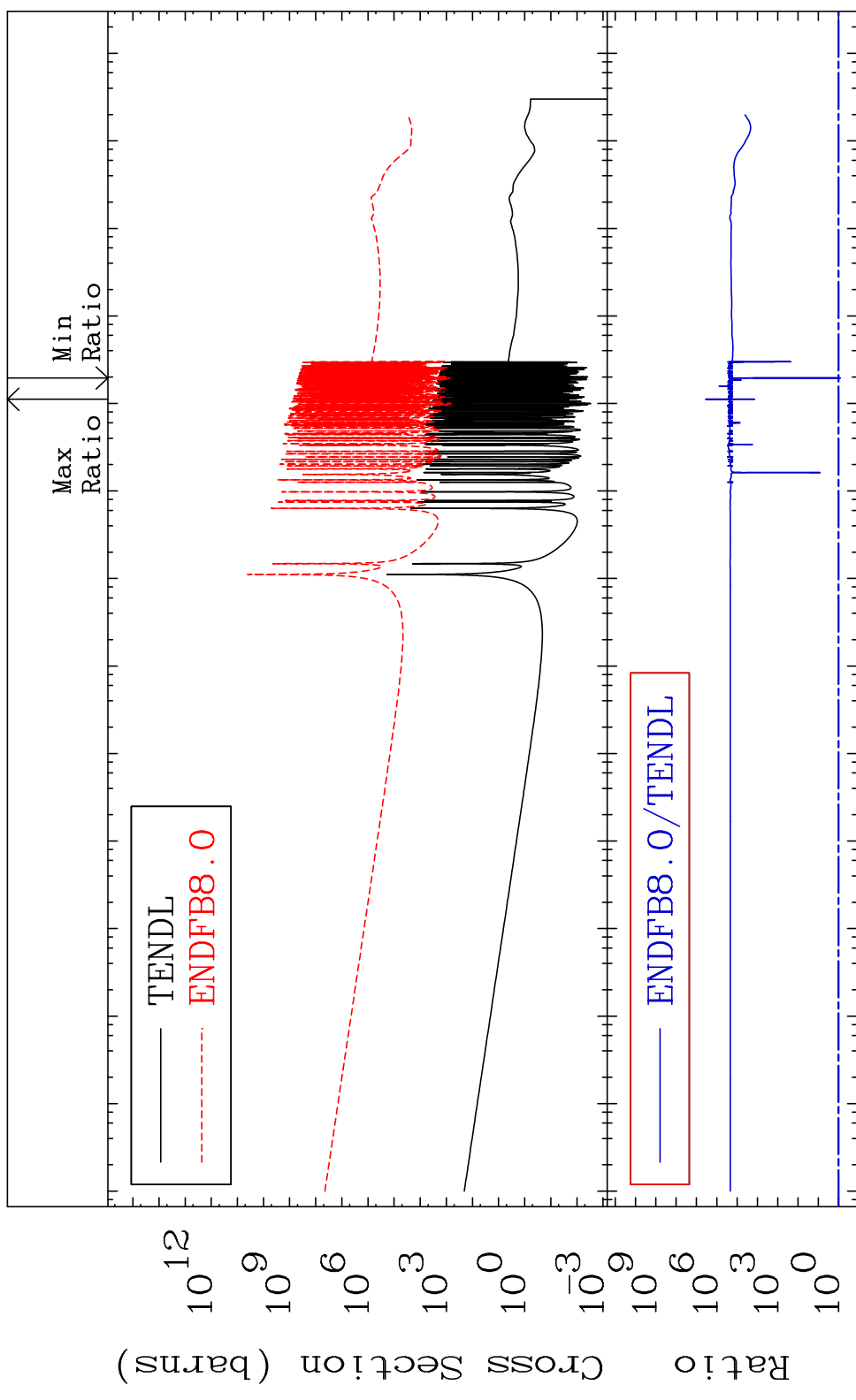


MAT 5037 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-116
 Cross Section 1632. To 9999. %



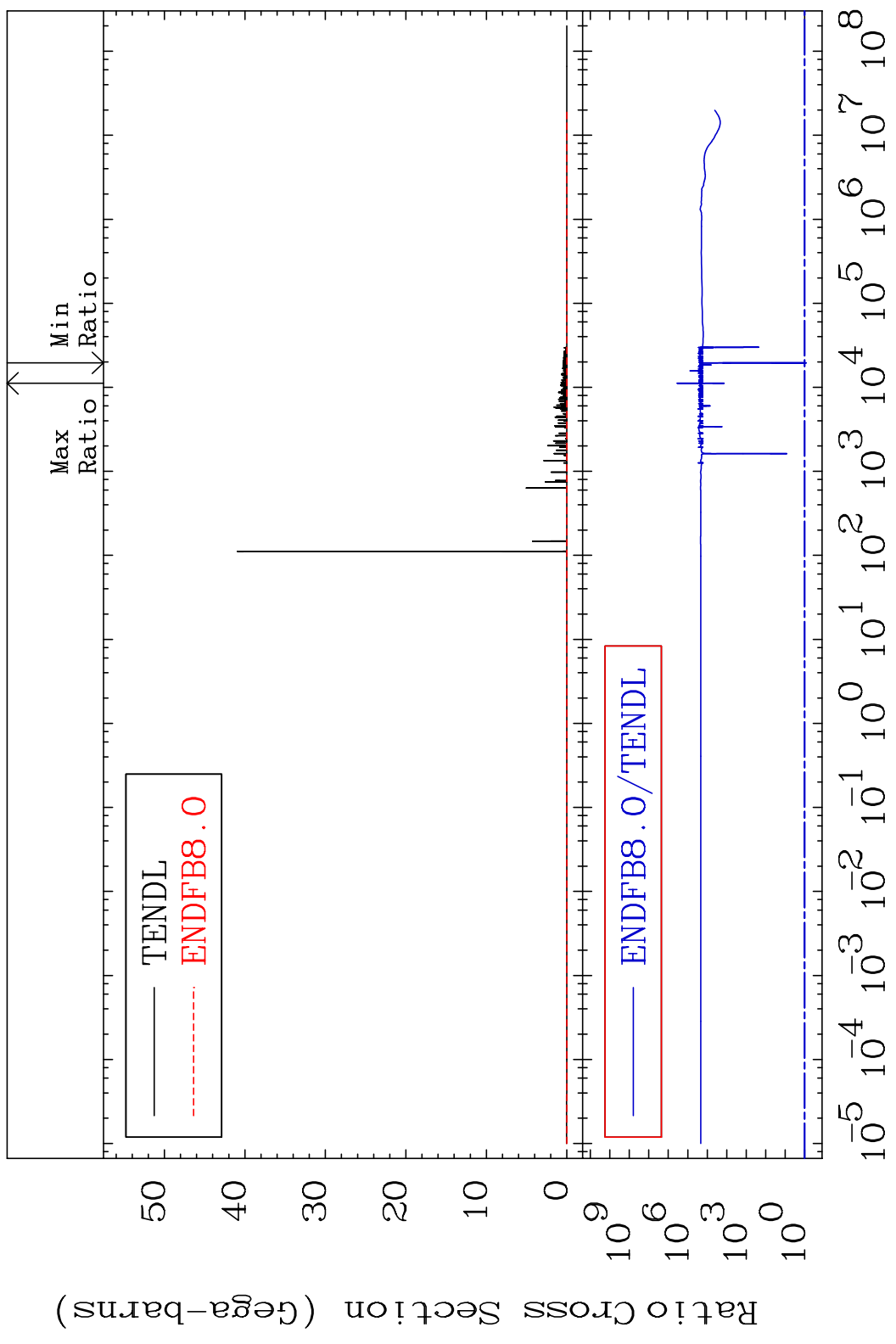
MAT 5037

Kerma capture (mt102) 50-Sn-116
Cross Section -19.28 To 9999. %

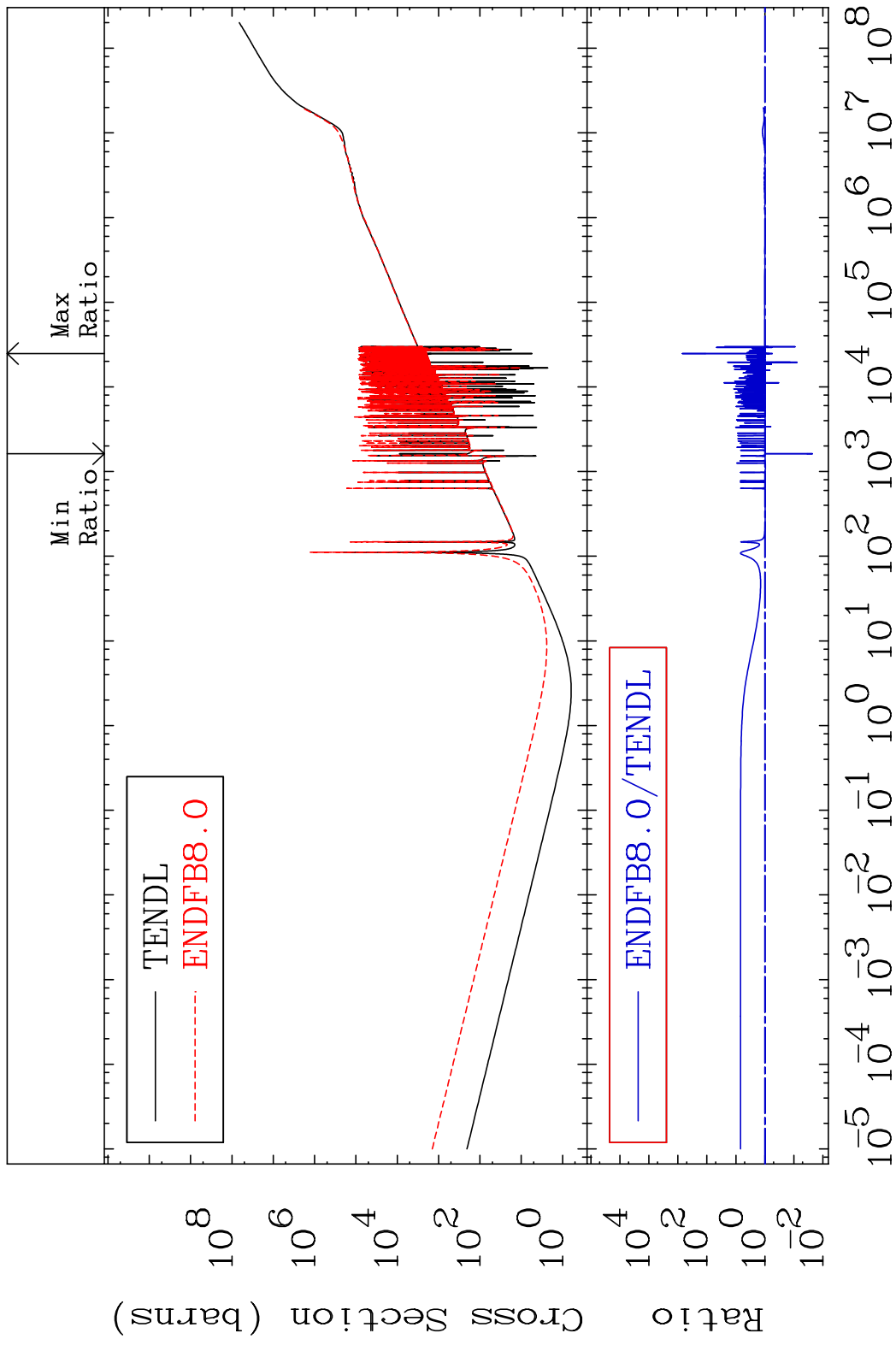


MAT 5037

Total photon (eV-barns) 50-Sn-116
Cross Section -19.28 To 9999. %



MAT 5037 Total kinematic kerma (high limit) 50-Sn-116
 Cross Section -97.73 To 9999. %

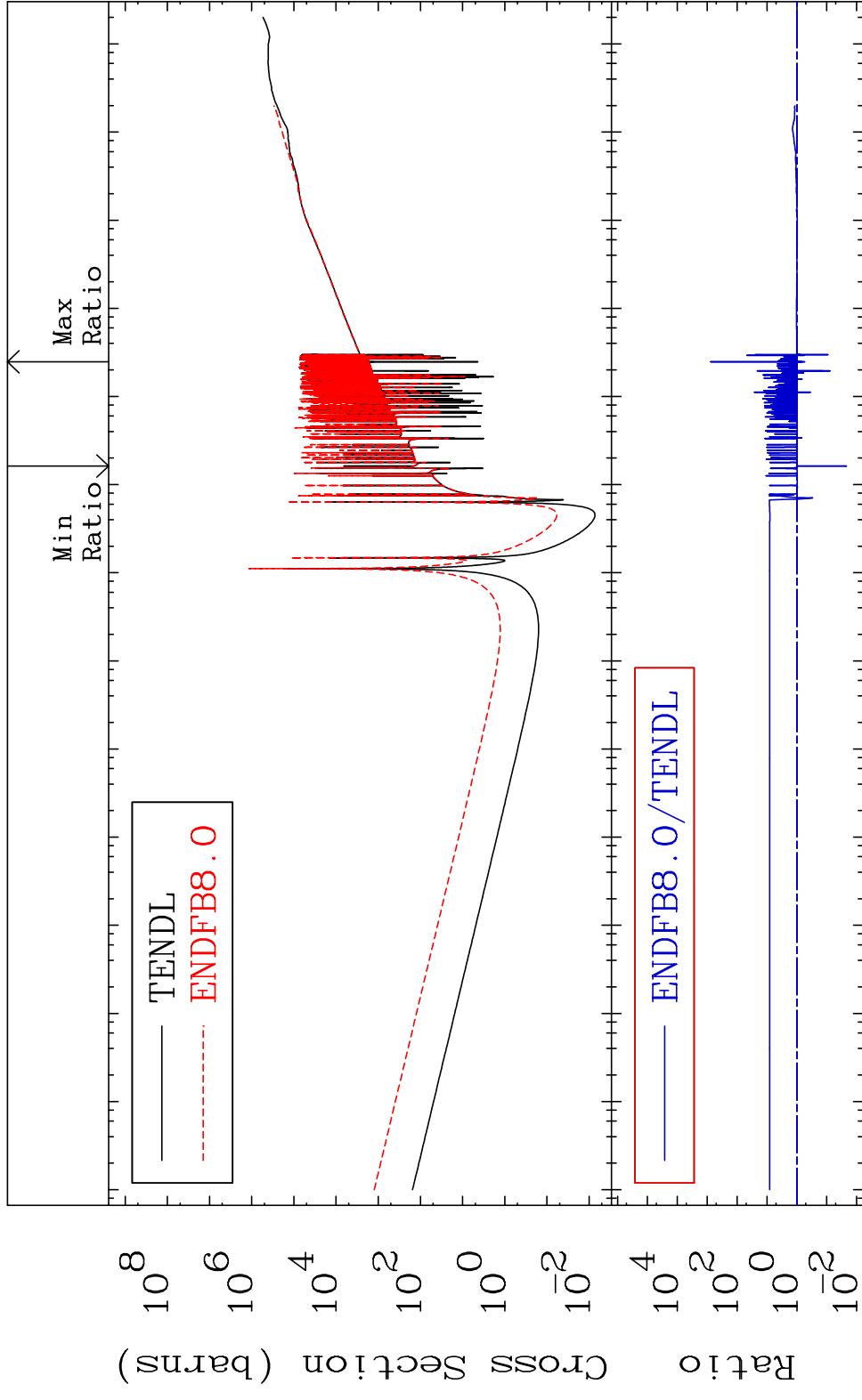


MAT 5037

Dpa total (eV-barns)

50-Sn-116

Cross Section -97.79 To 9999. %

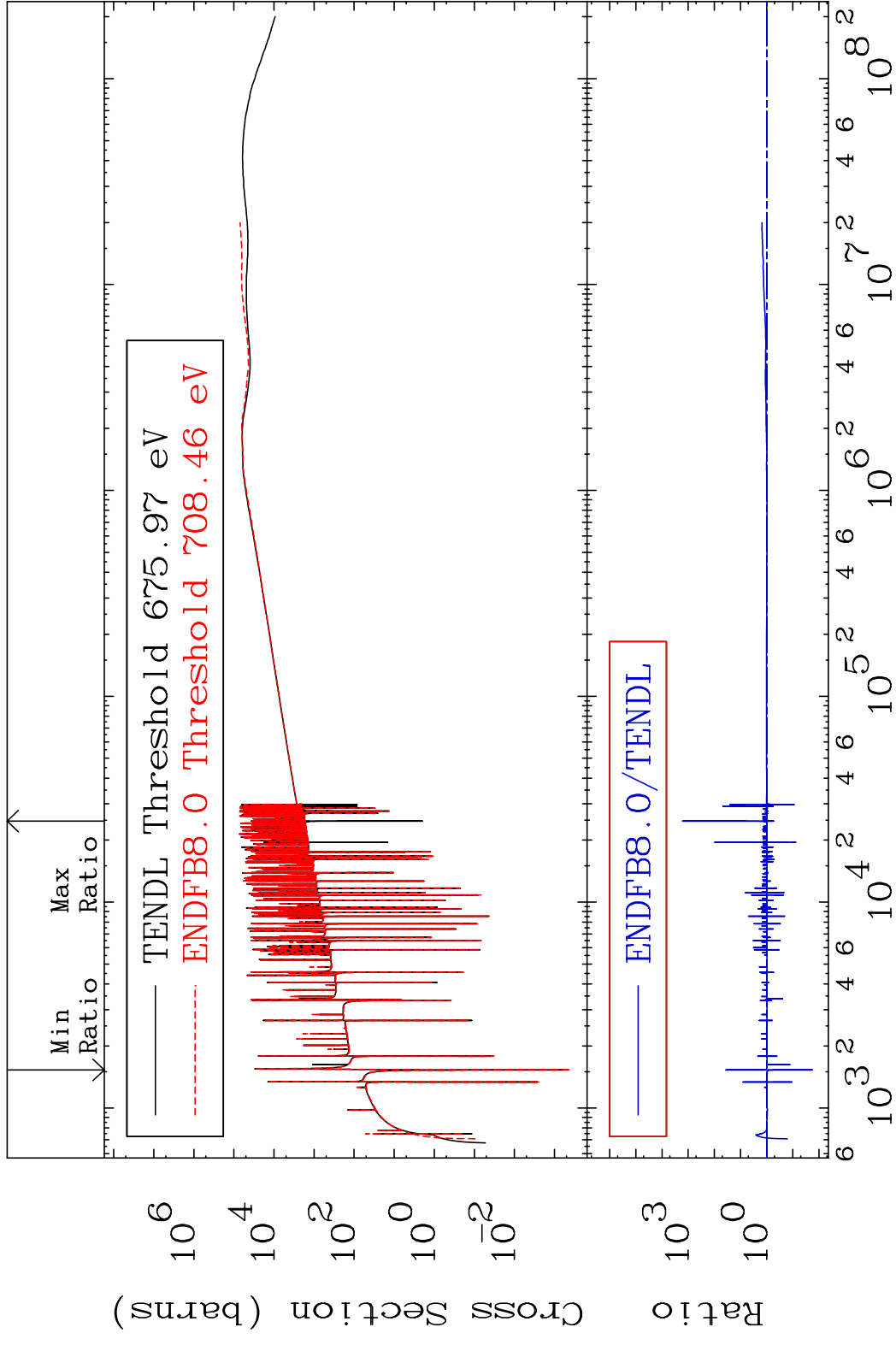


MAT 5037

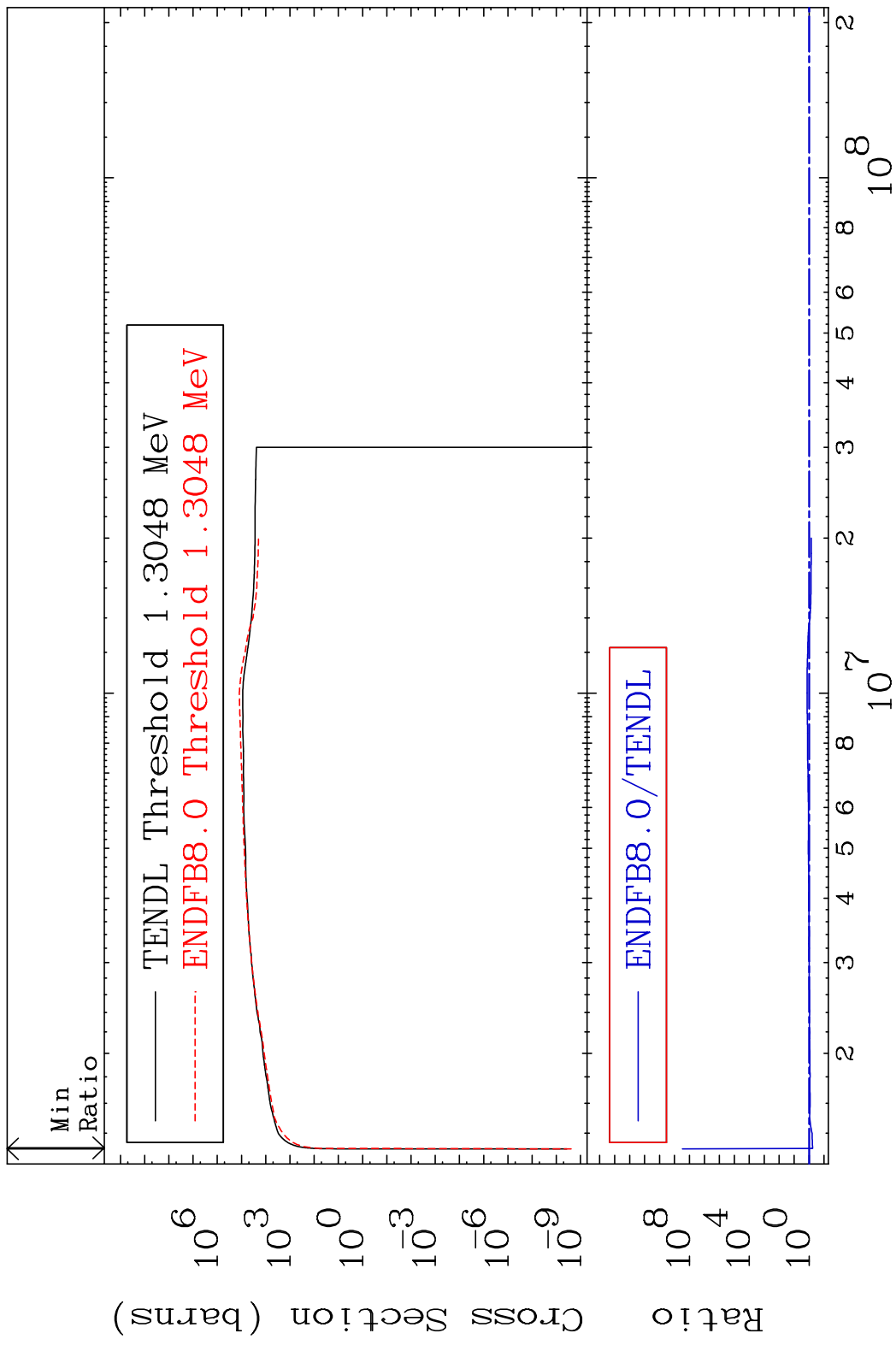
Dpa elastic (mt2)

50-Sn-116

Cross Section -98.24 To 9999. %



MAT 5037 Dpa inelastic (mt51-91) 50-Sn-116
 Cross Section -41.30 To 9999. %



MAT 5037 Dpa disappearance (mt102 -120) 50-Sn-116
 Cross Section -99.99 To 9999. %

