

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

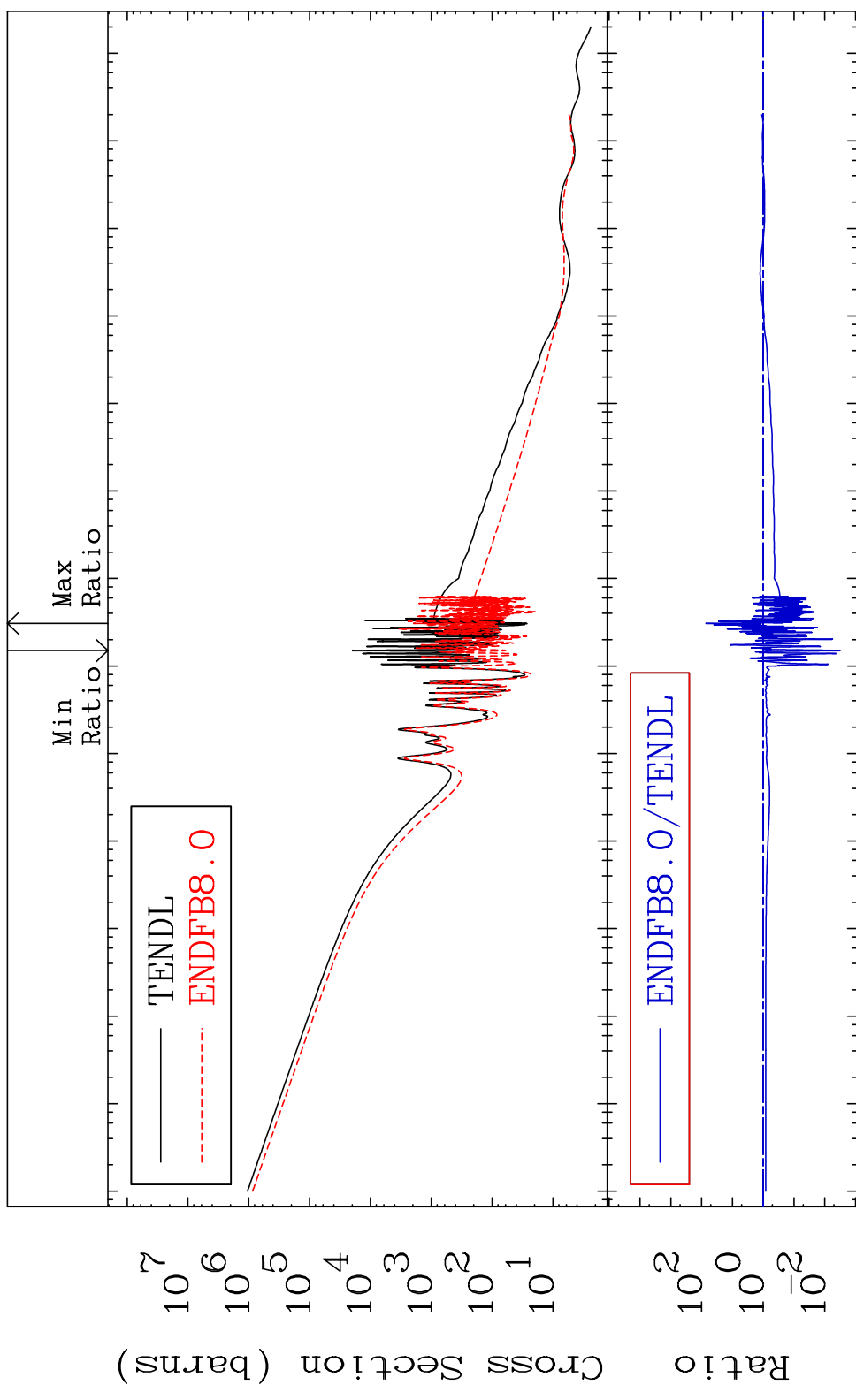
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 6328

Total Cross Section -99.69 To 7204. %
63-Eu-152

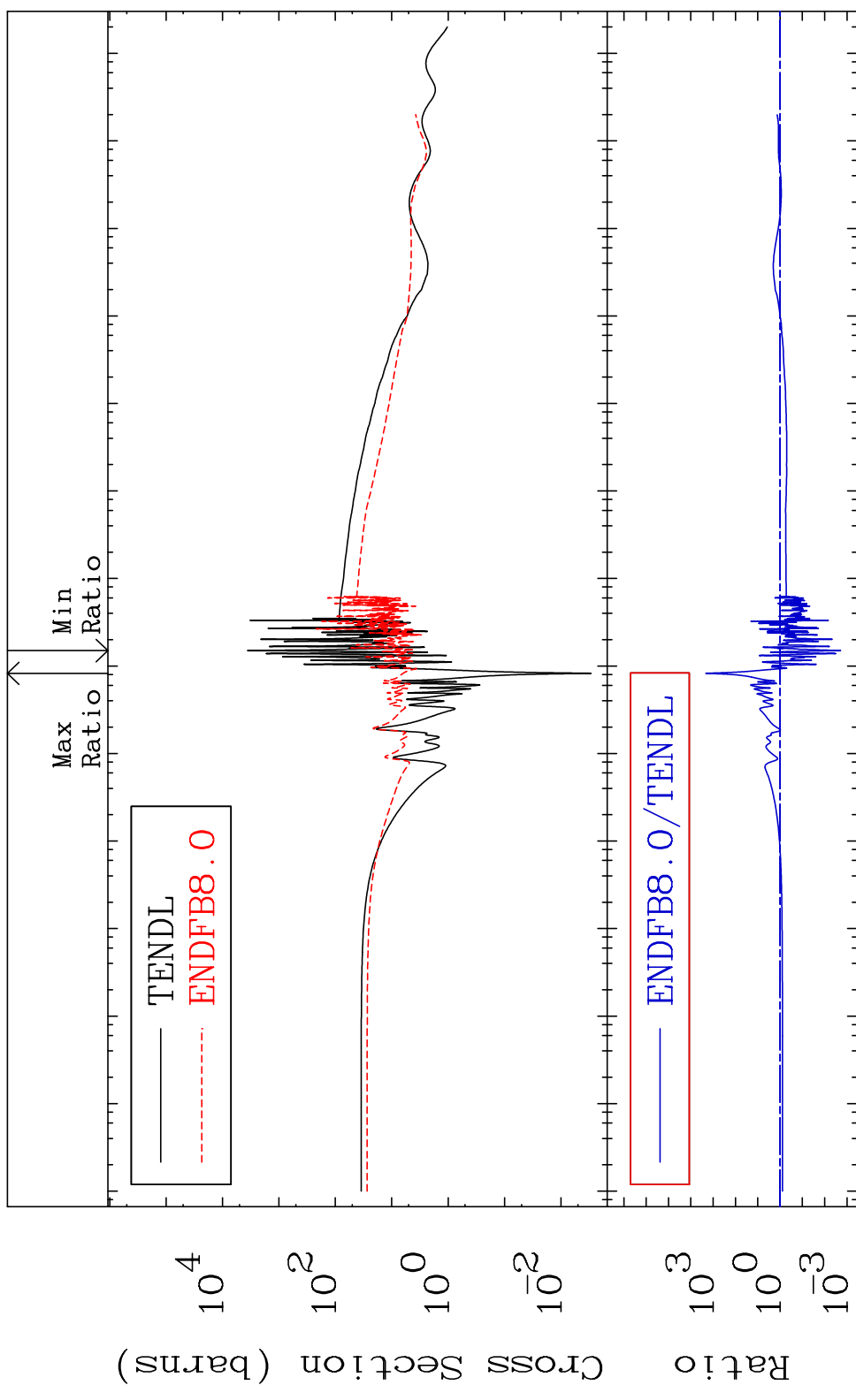


1 Incident Energy (eV) 63-Eu-152

MAT 6328

Elastic Cross Section -99.80 To 9999. %

63-Eu-152

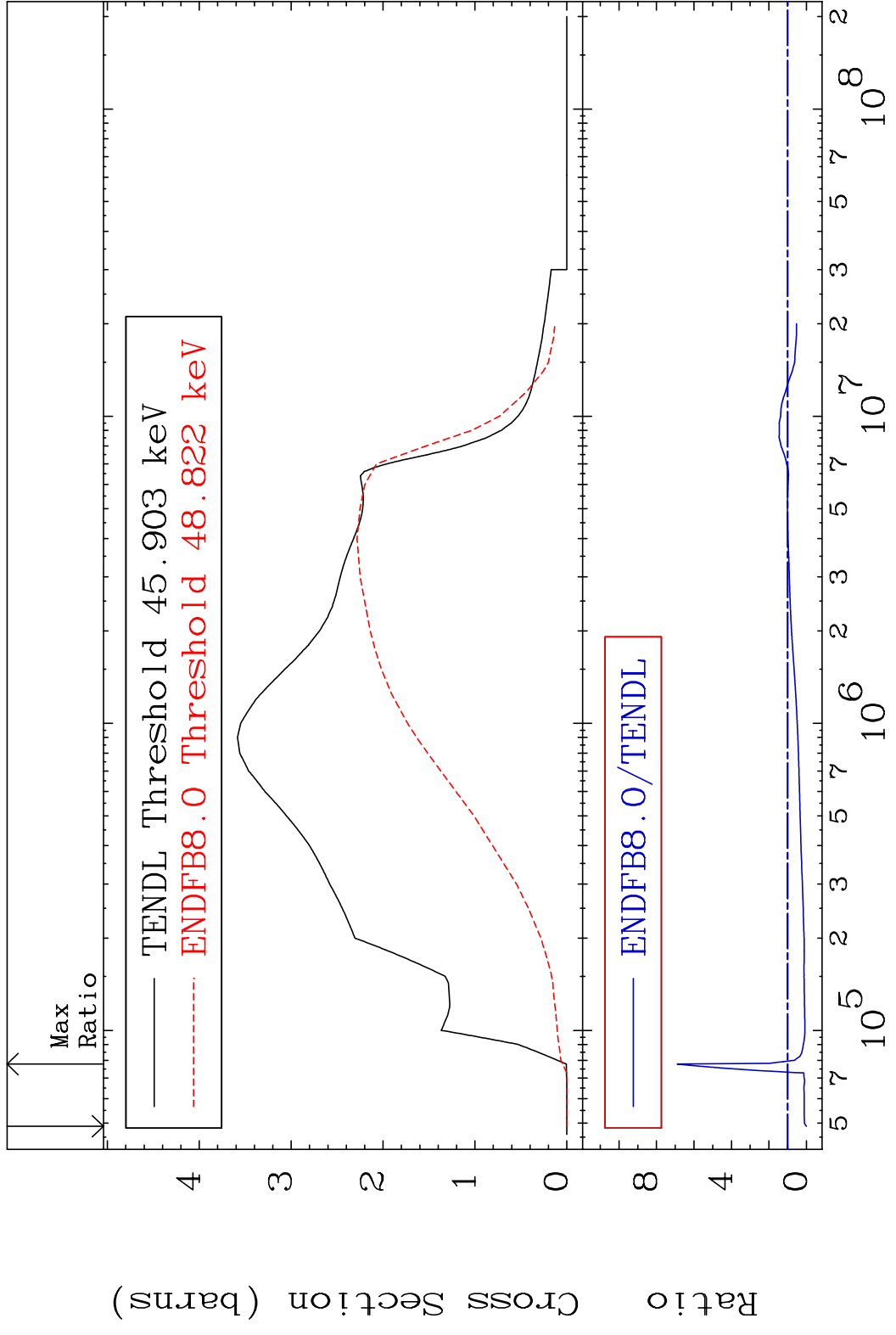


2

Incident Energy (eV)

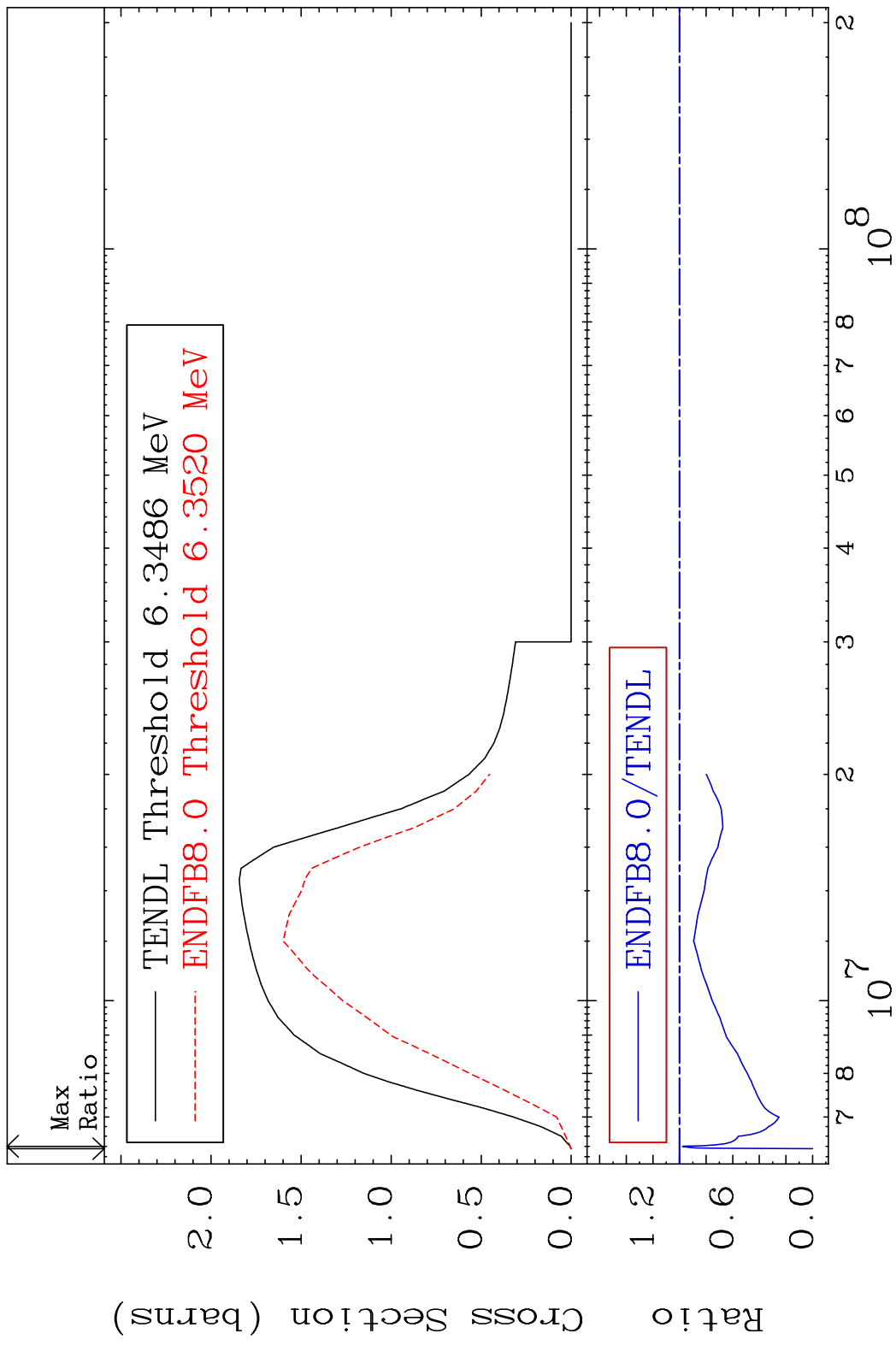
63-Eu-152

MAT 6328 Inelastic 63-Eu-152
 Cross Section -100.0 To 589.6 %



3 Incident Energy (eV) 63-Eu-152

MAT 6328 (n,2n) 63-Eu-152
 Cross Section -100.0 To -2.150%

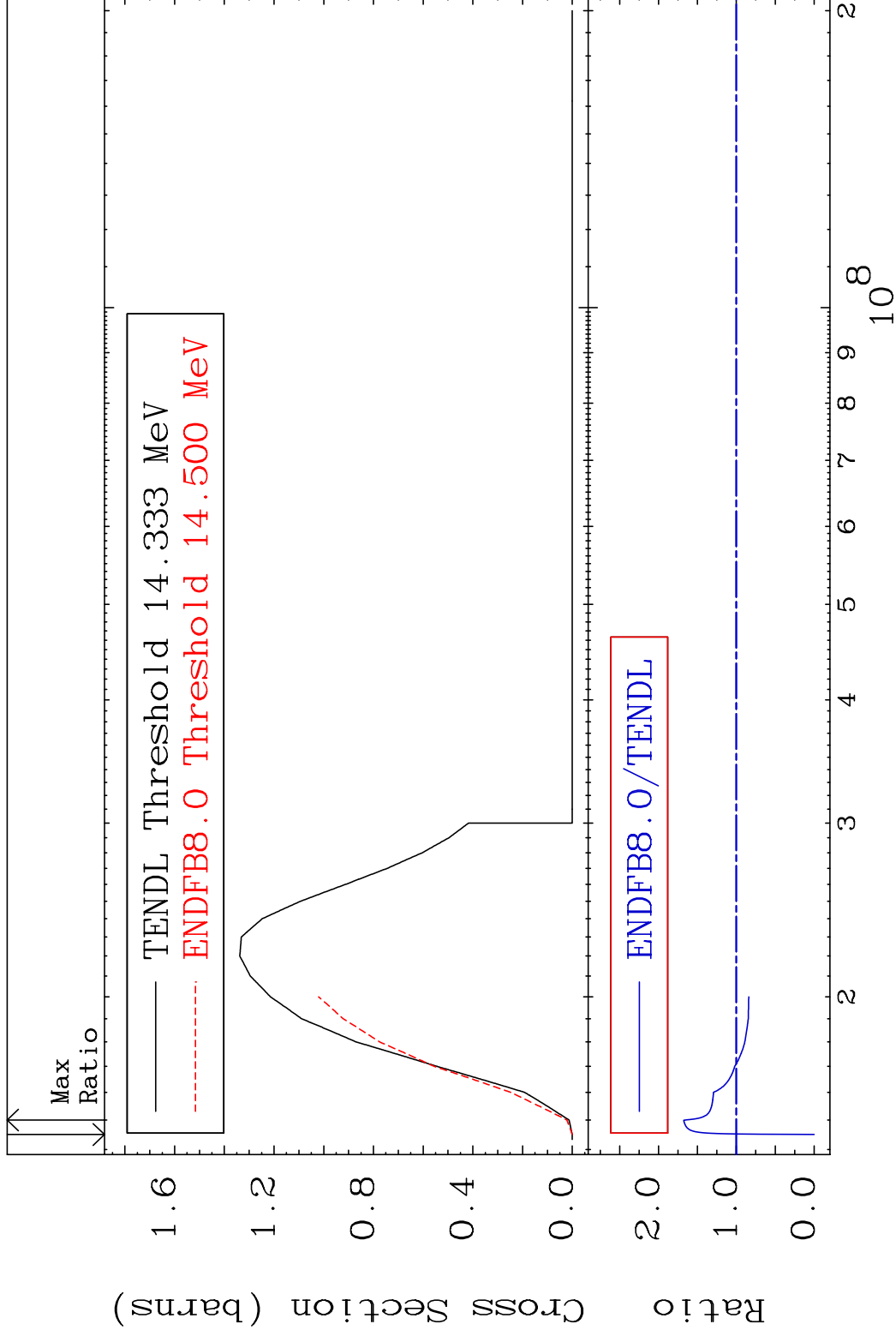


MAT 6328

(n,3n)

63-Eu-152

Cross Section -100.0 To 67.73 %



5

Incident Energy (eV)

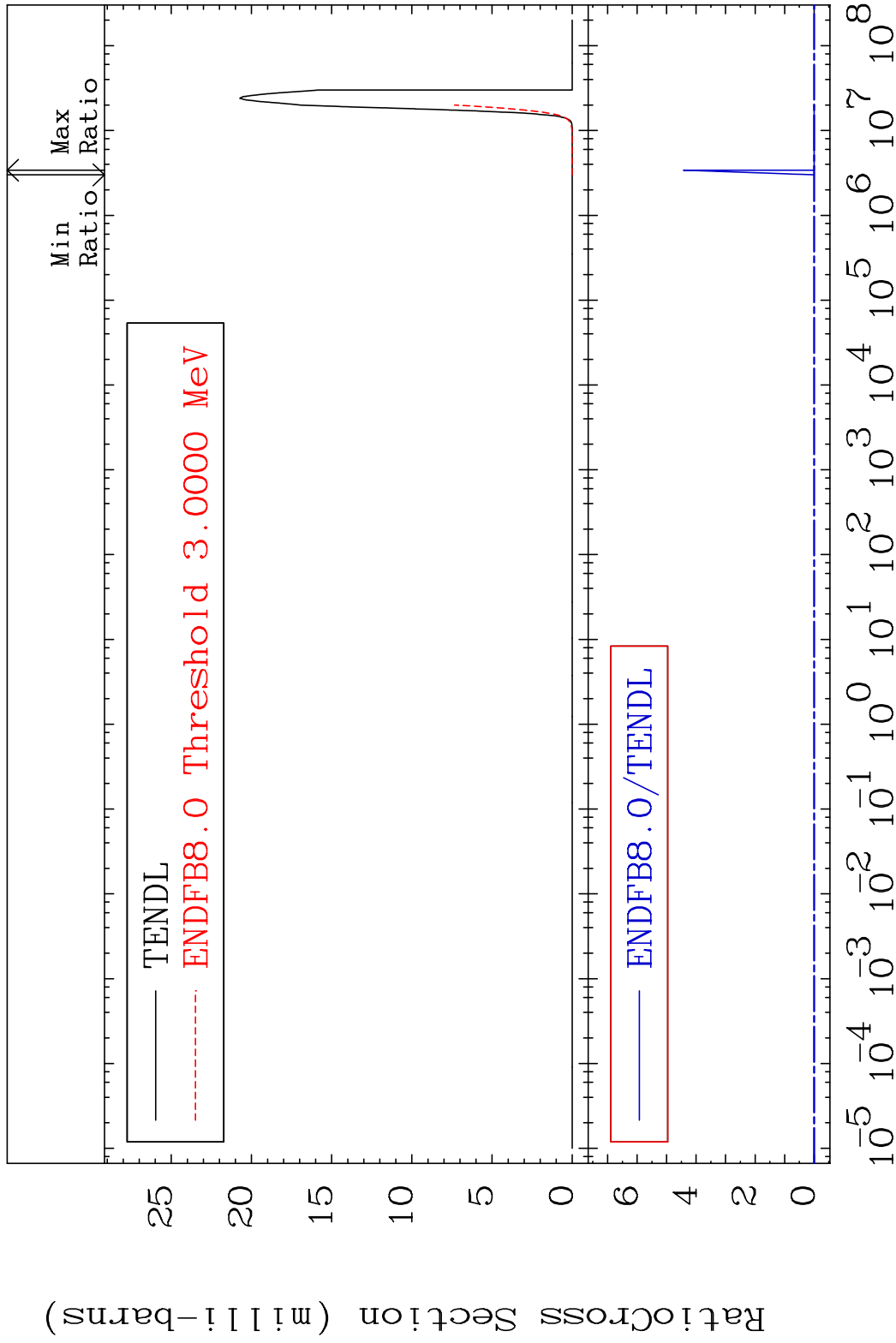
63-Eu-152

MAT 6328

(n, n') α

63-Eu-152

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

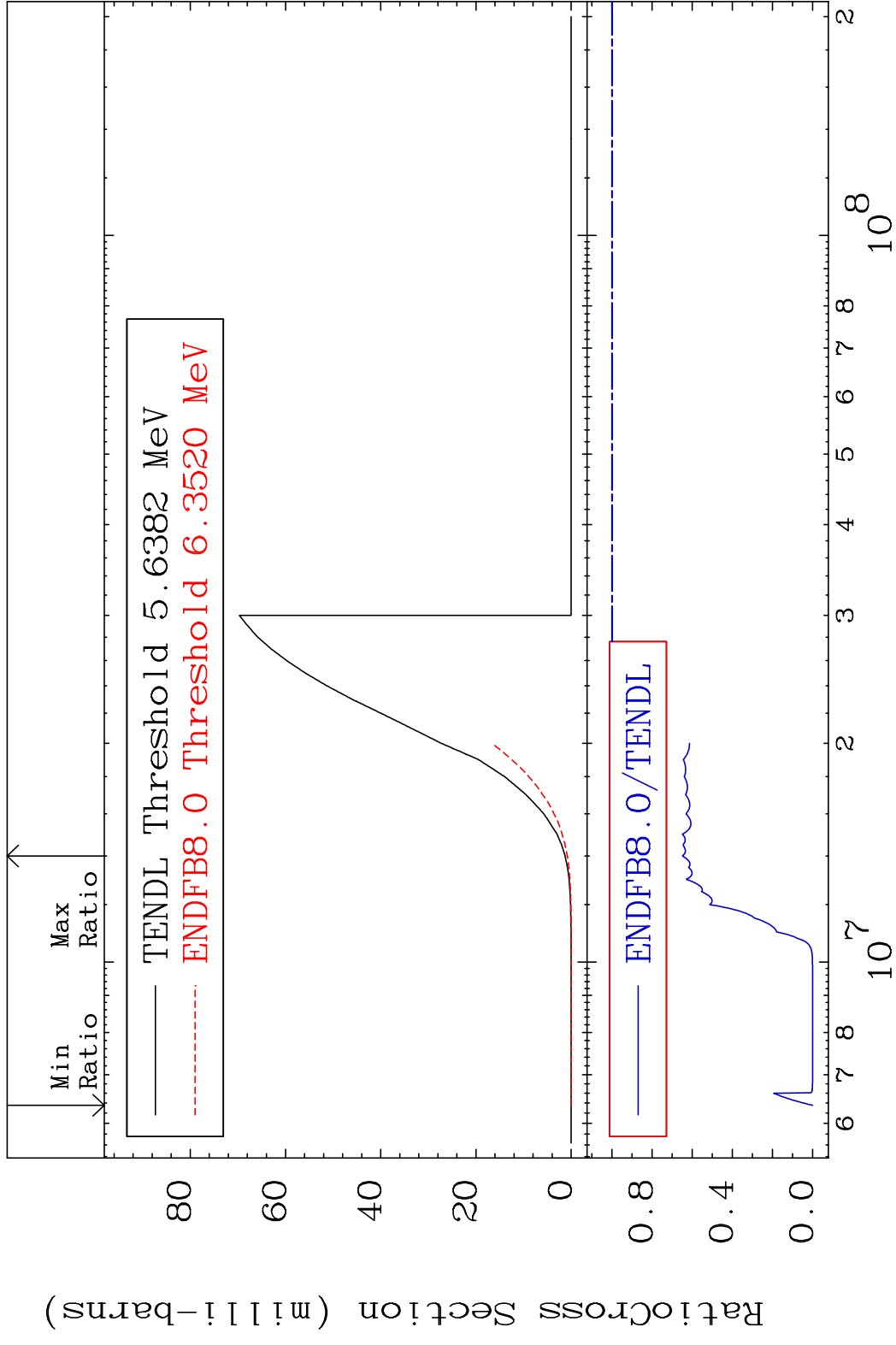
63-Eu-152

MAT 6328

(n, n') p

63-Eu-152

Cross Section -100.0 To -35.12%

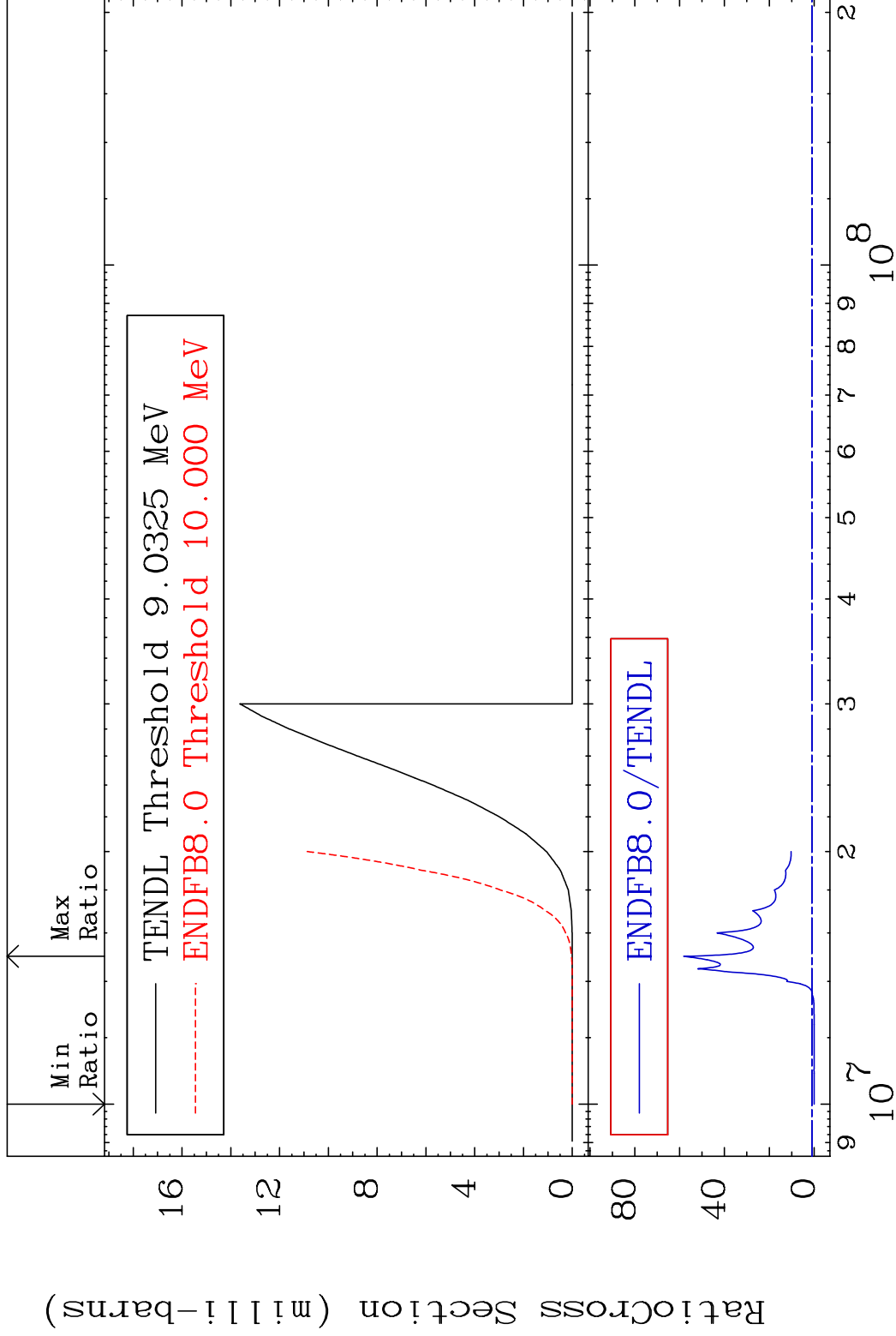


MAT 6328

(n, n') d

63-Eu-152

Cross Section -100.0 To 5718. %



8

Incident Energy (eV)

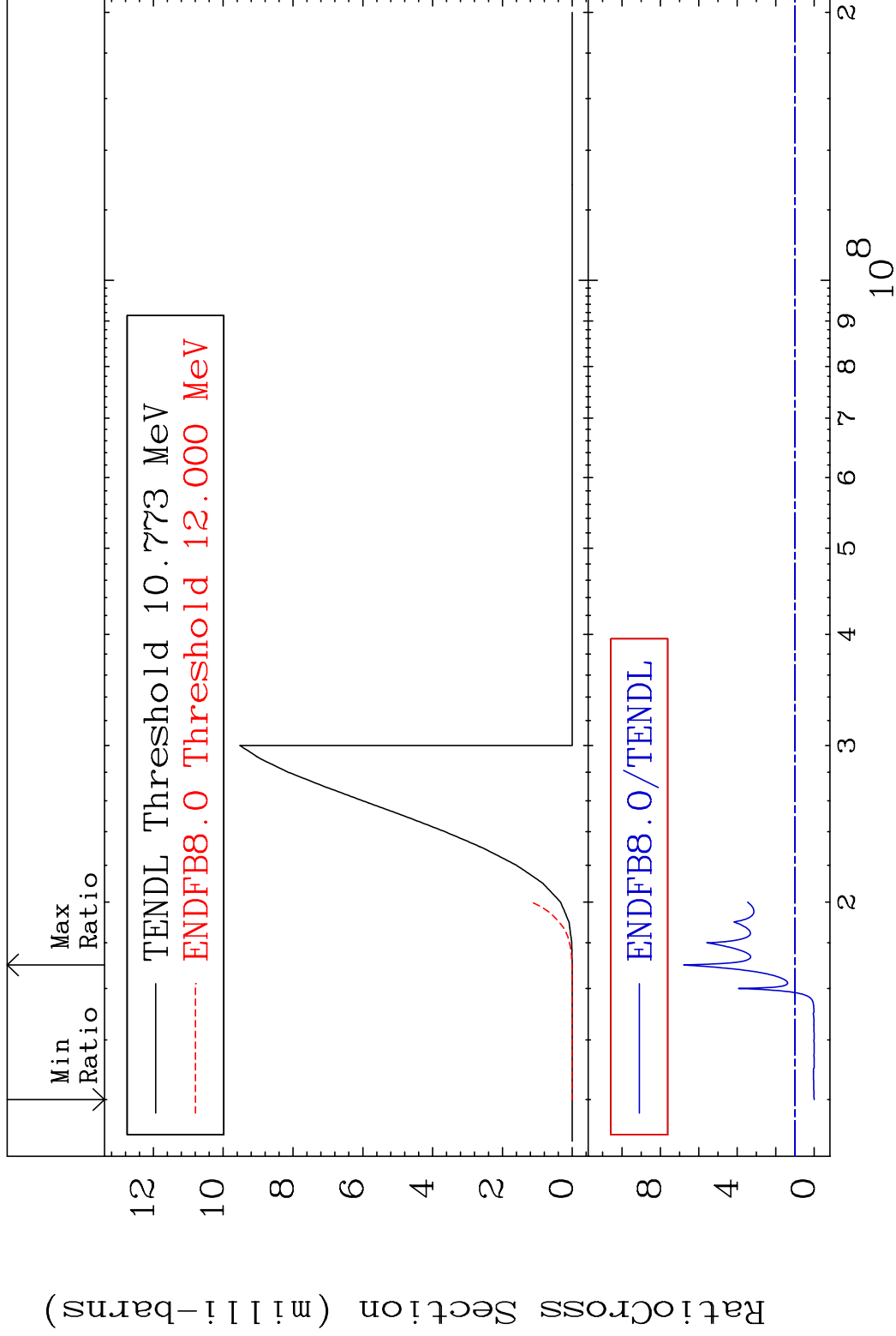
63-Eu-152

MAT 6328

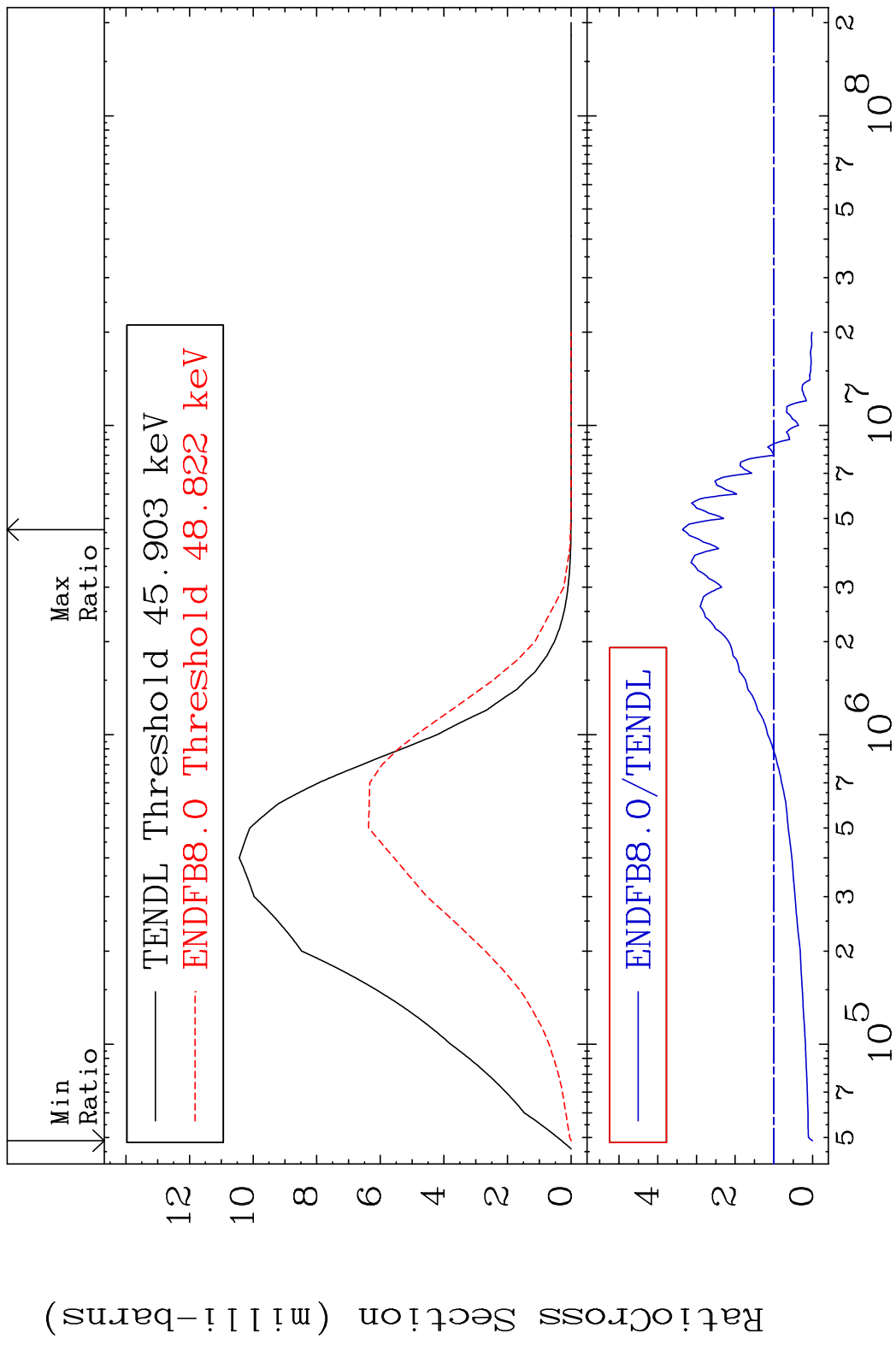
(n, n') t

63-Eu-152

Cross Section -100.0 To 578.7 %

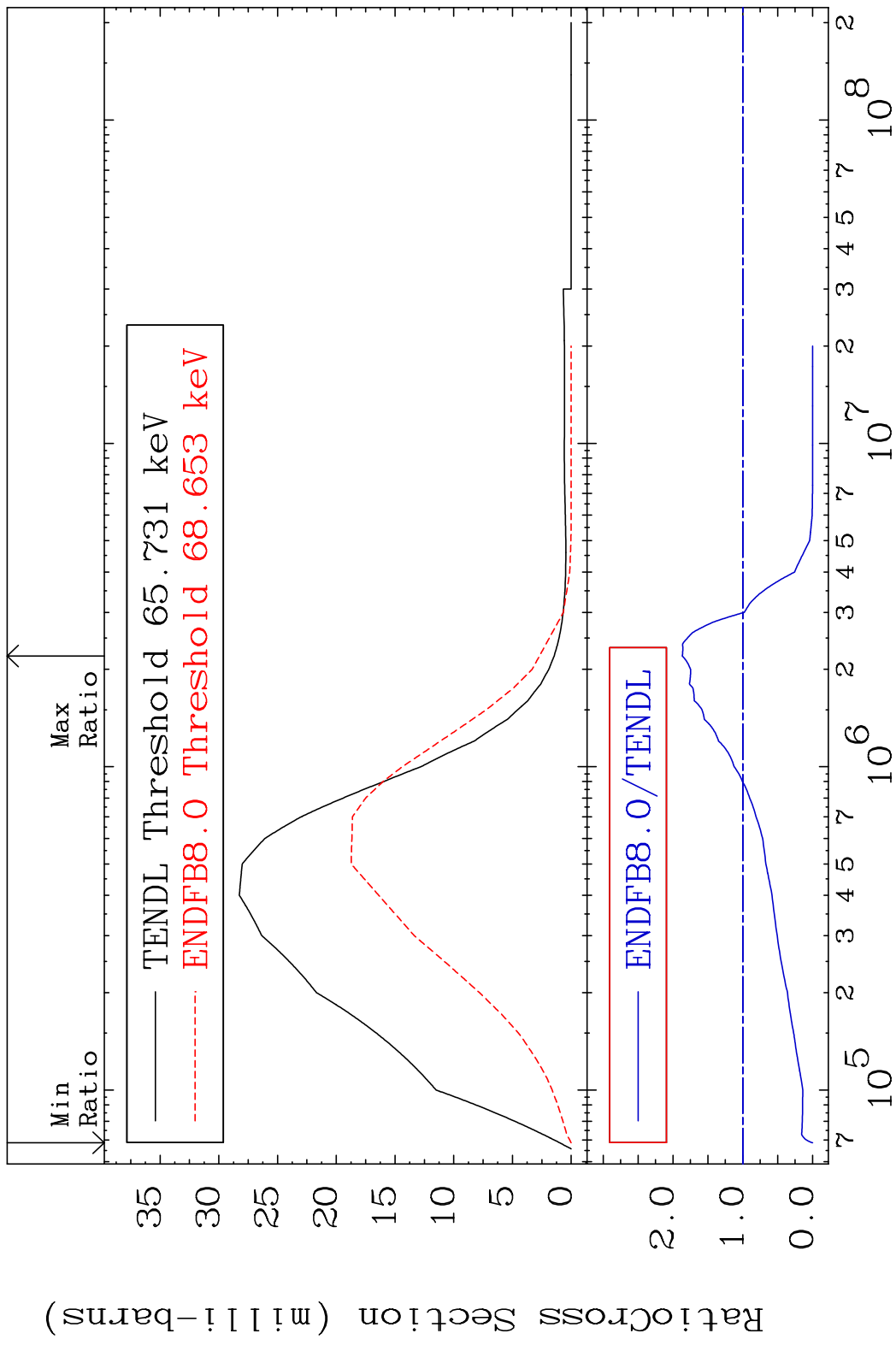


MAT 6328 MT= 51 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 236.4 %

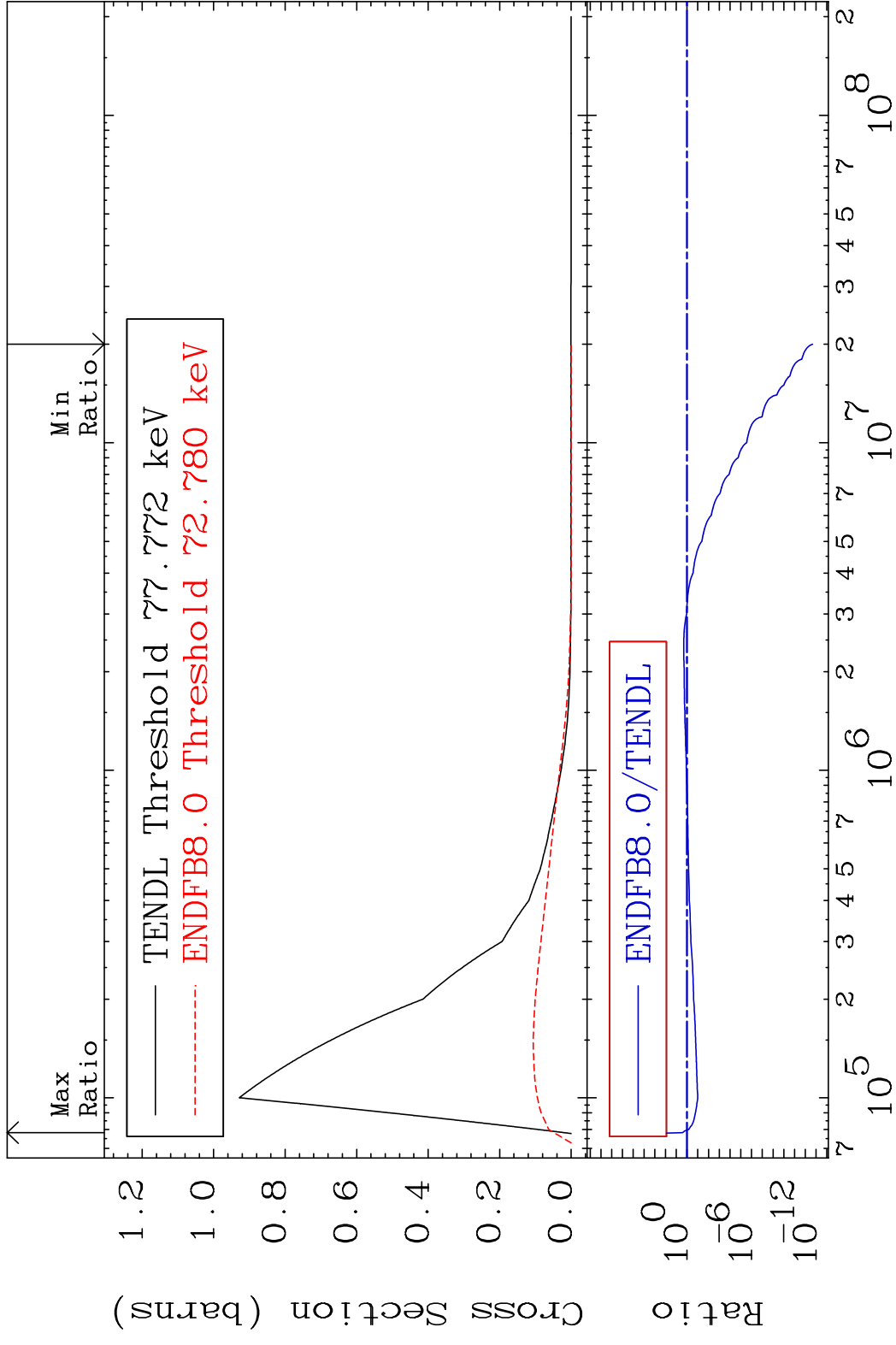


10 Incident Energy (eV) 63-Eu-152

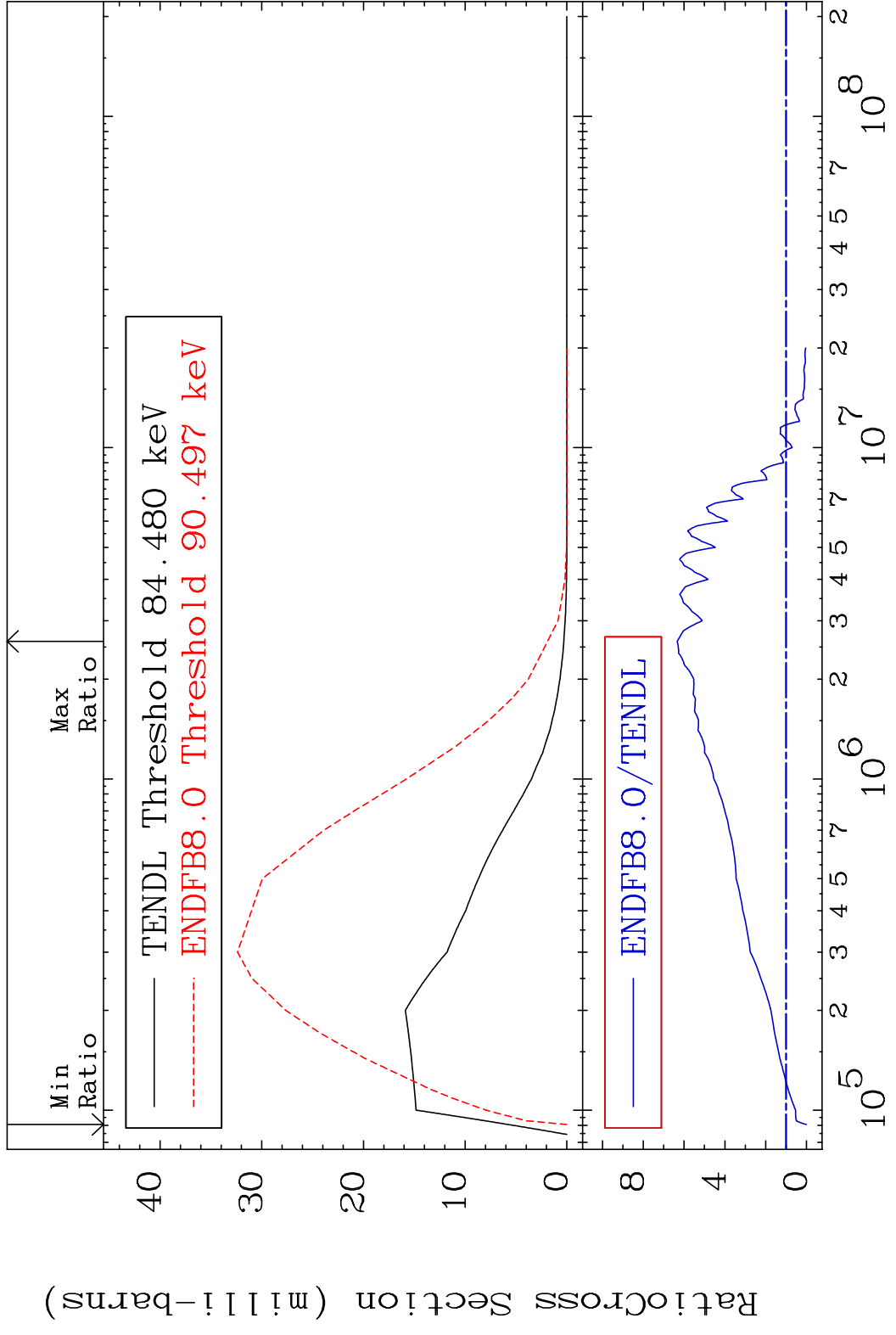
MAT 6328 MT= 52 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 86.59 %



MAT 6328 MT= 53 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 170.4 %

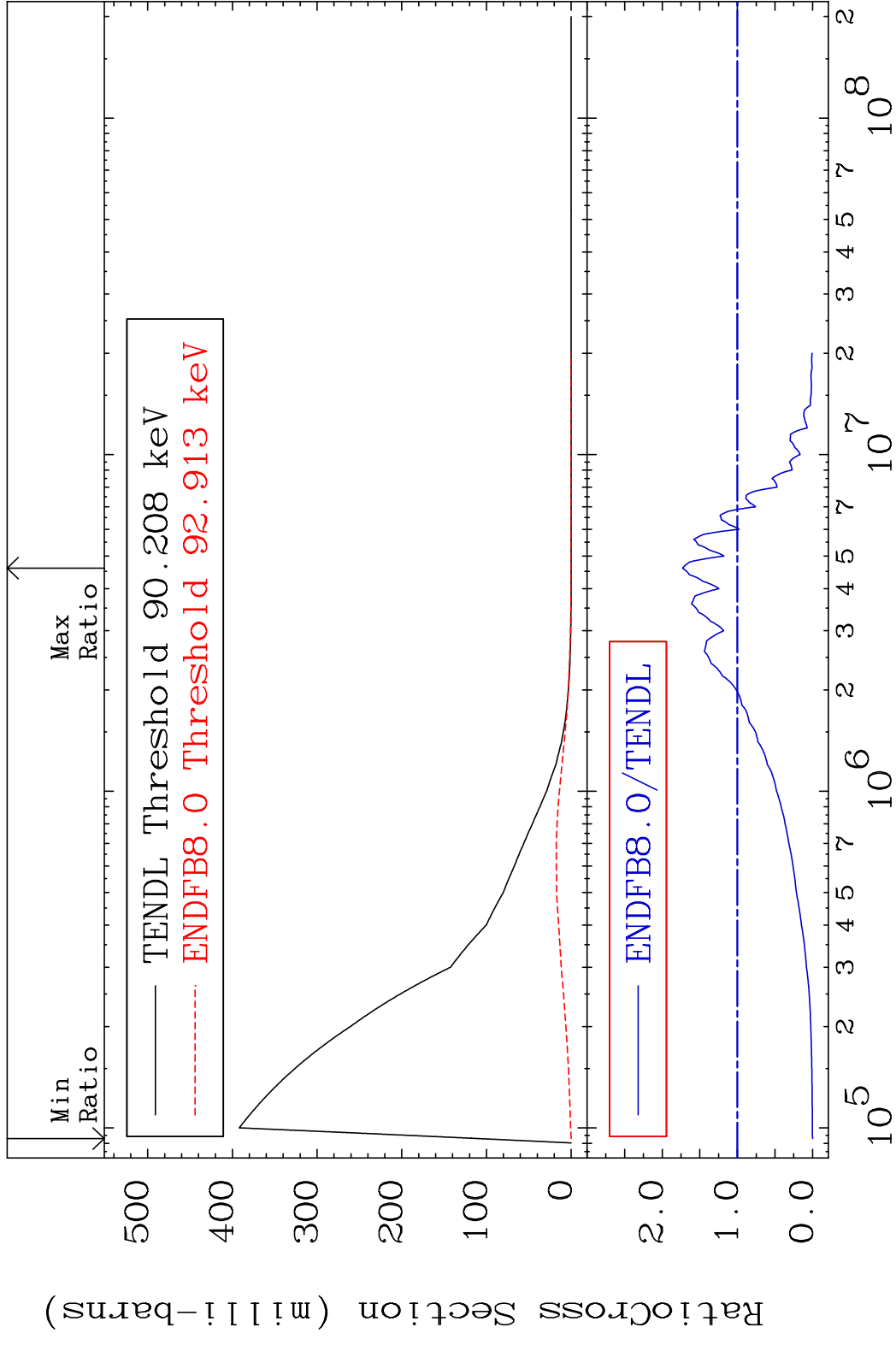


MAT 6328 MT= 54 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 533.9 %



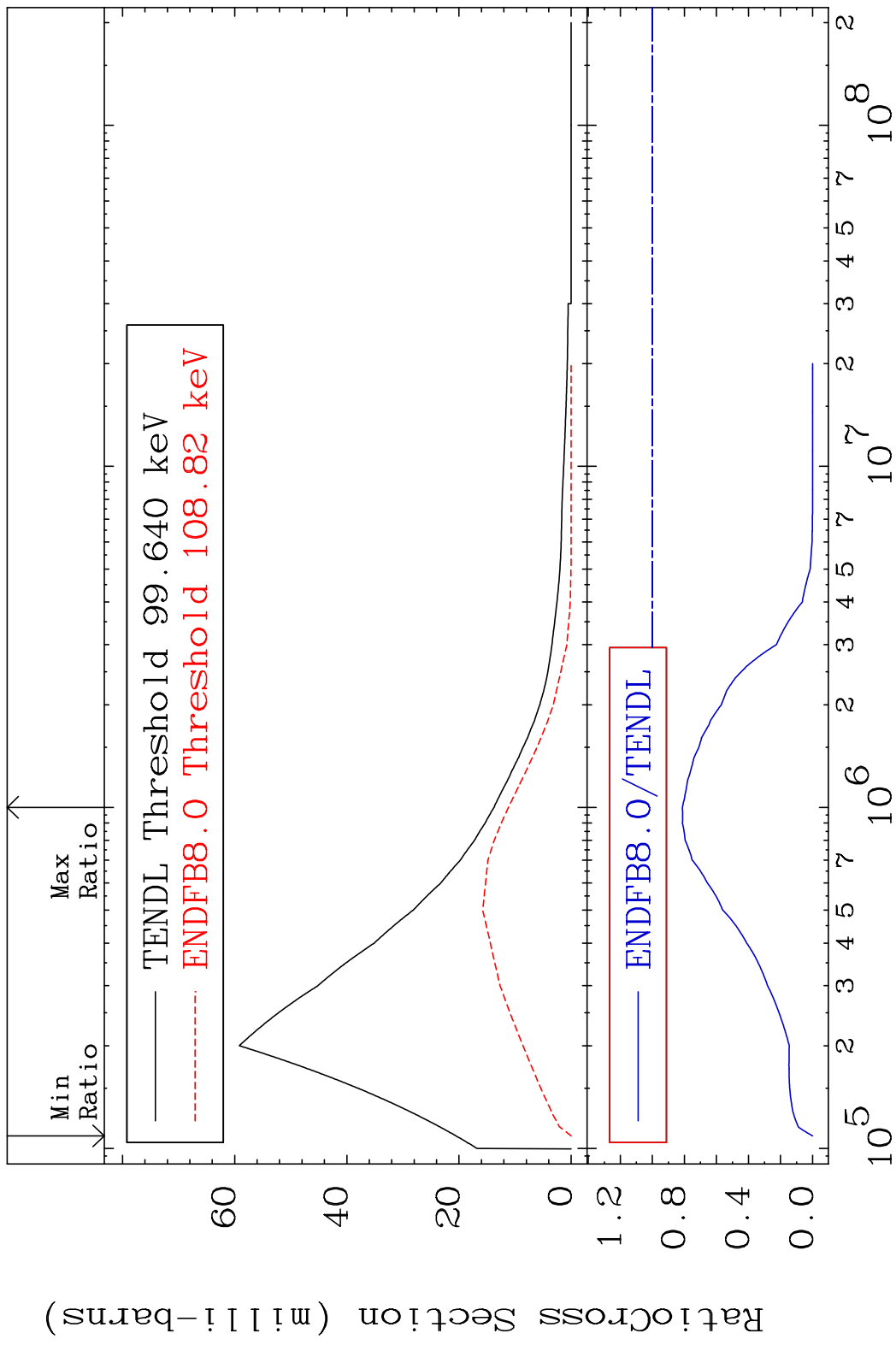
13 Incident Energy (eV) 63-Eu-152

MAT 6328 MT= 55 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 73.24 %



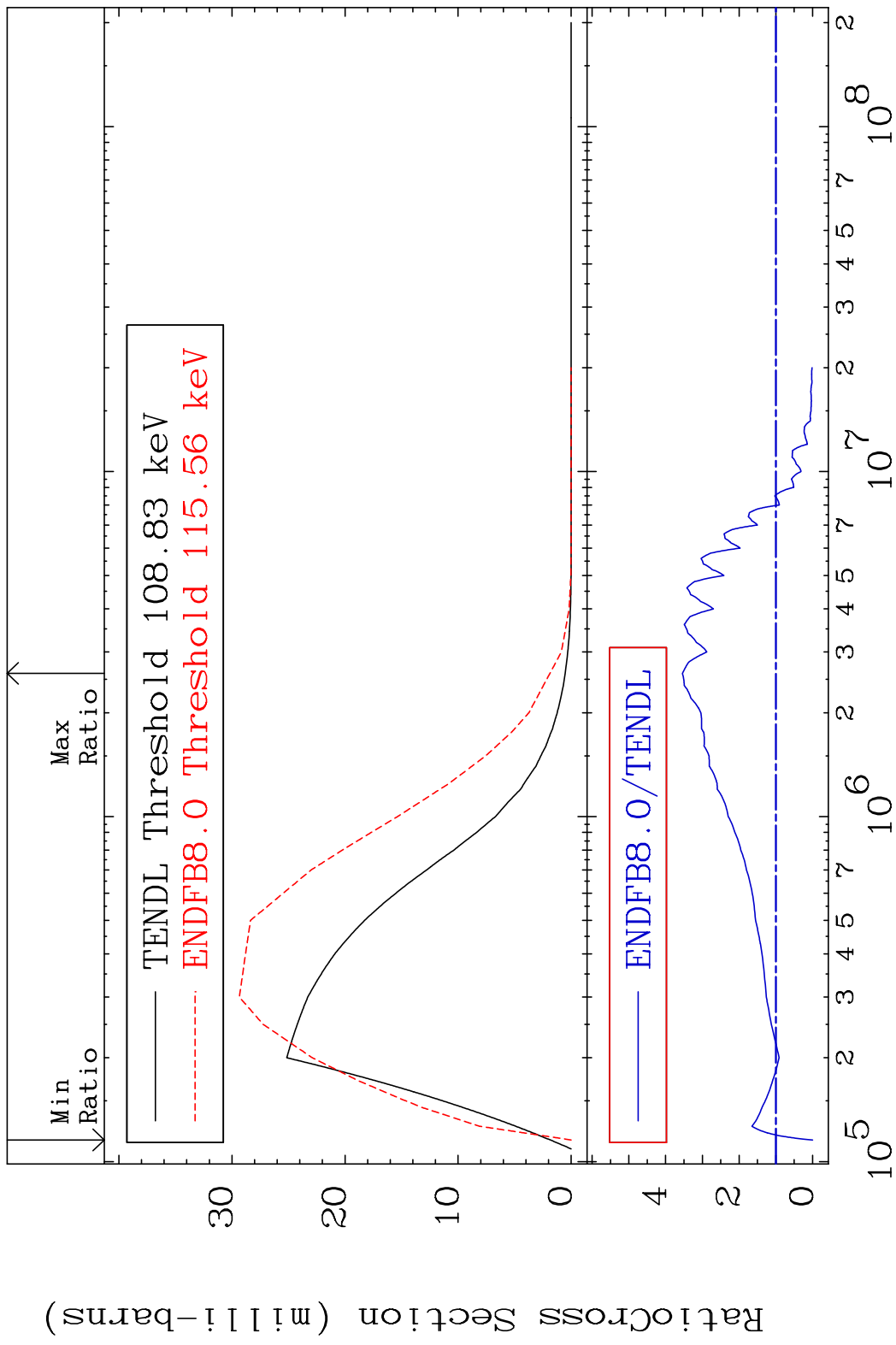
14 Incident Energy (eV) 63-Eu-152

MAT 6328 MT= 56 (n,n') Level 63-Eu-152
 Cross Section -100.0 To -18.73%

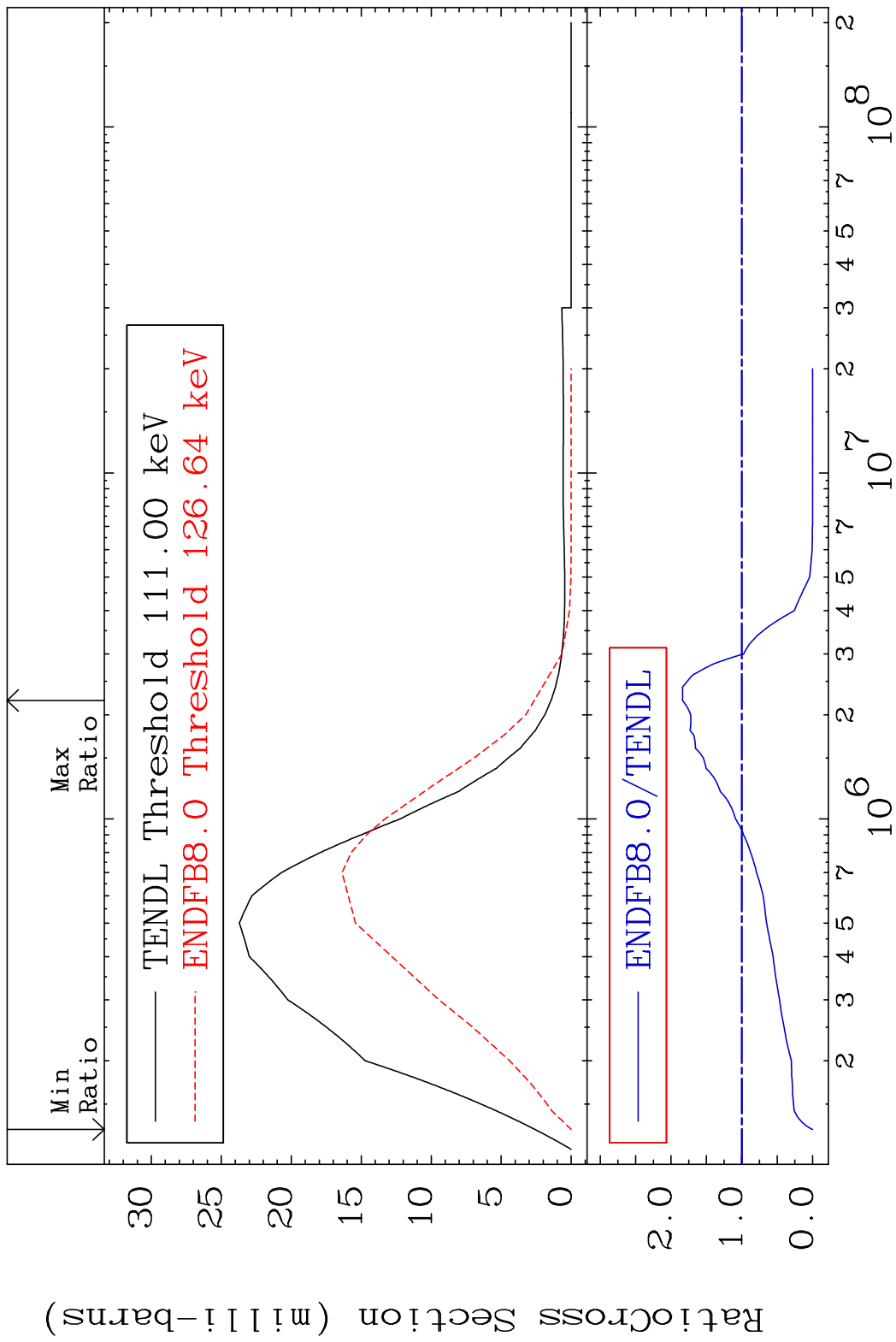


15 Incident Energy (eV) 63-Eu-152

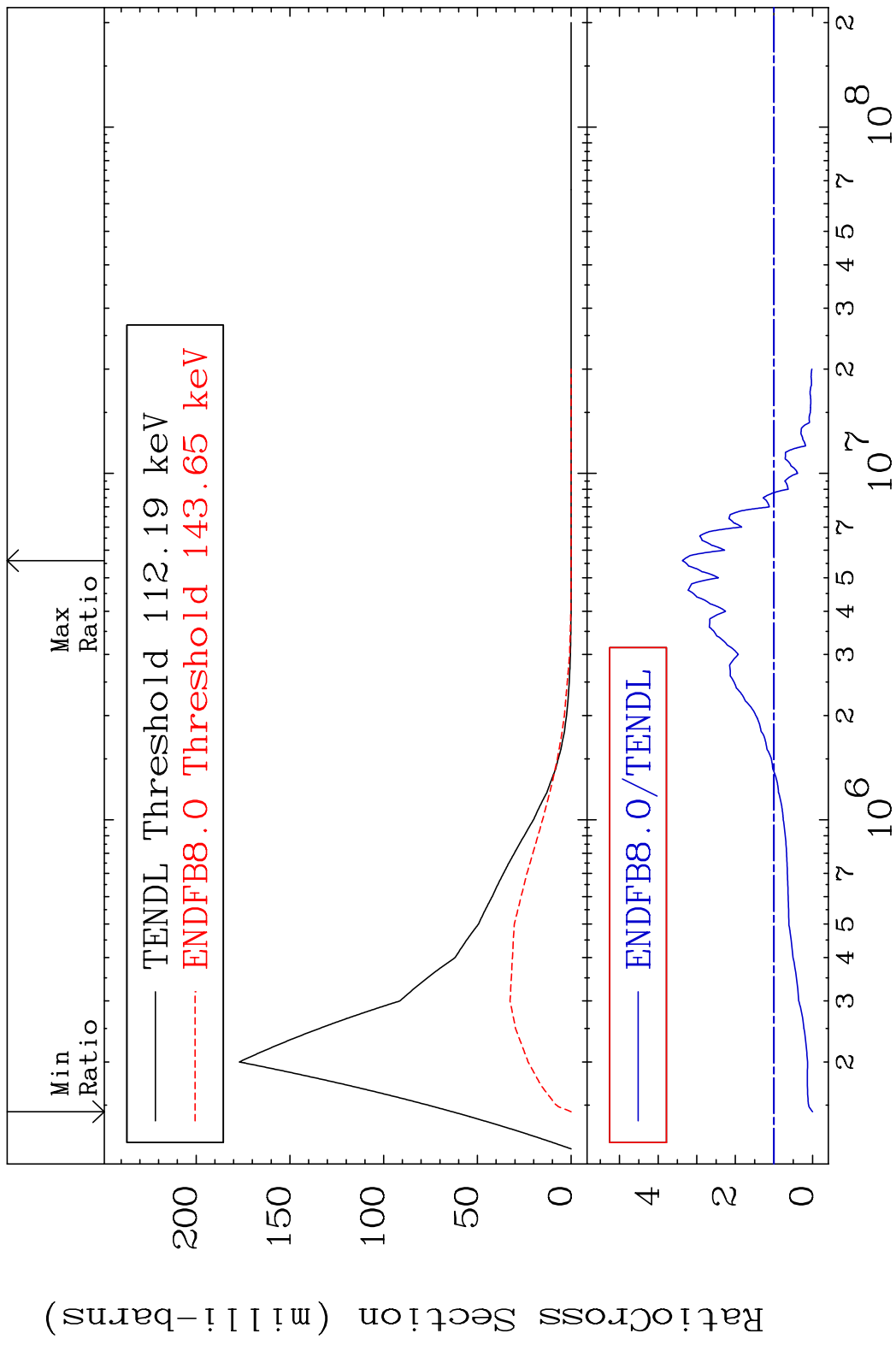
MAT 6328 MT= 57 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 254.4 %



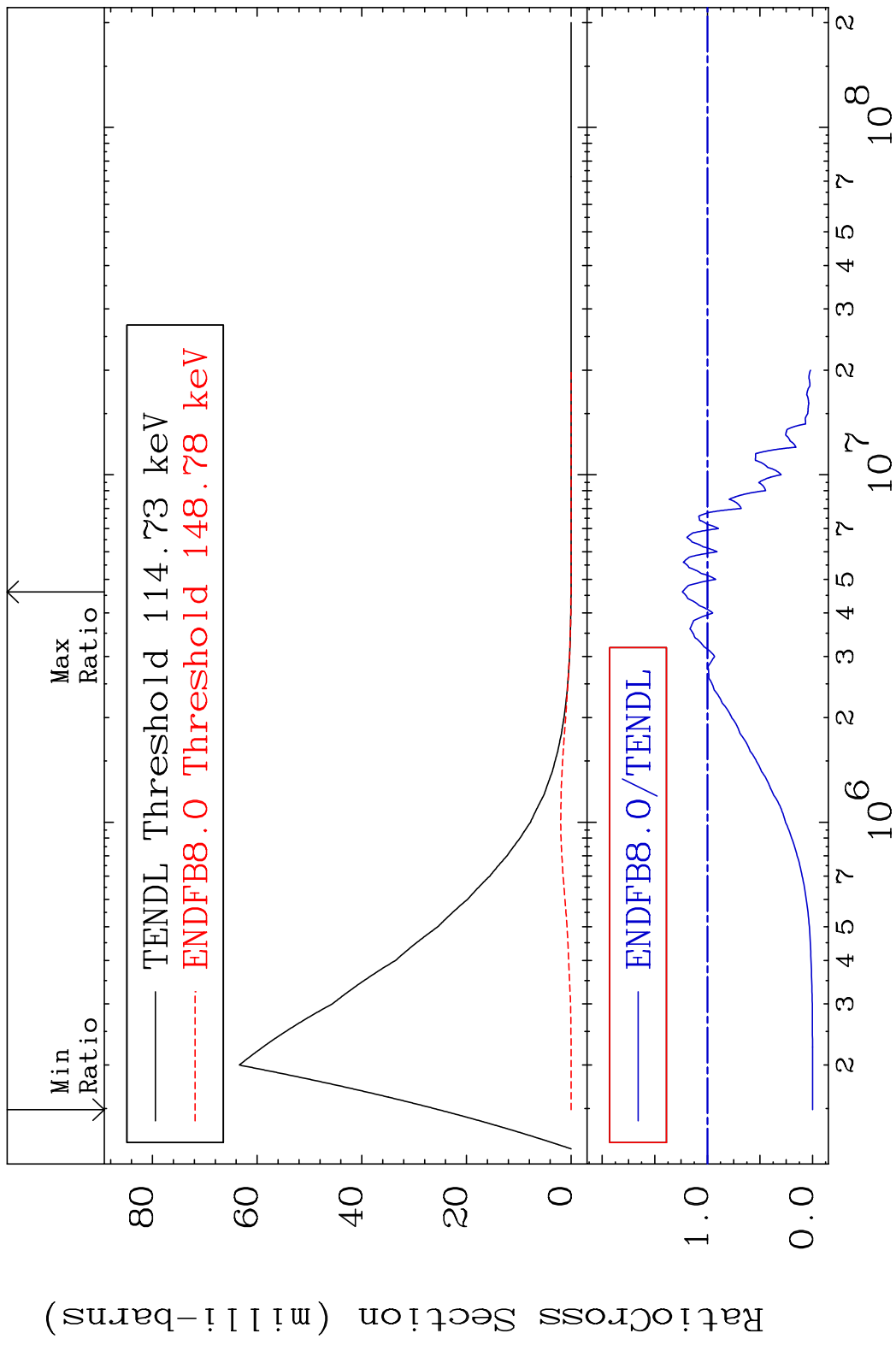
MAT 6328 MT= 58 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 84.00 %



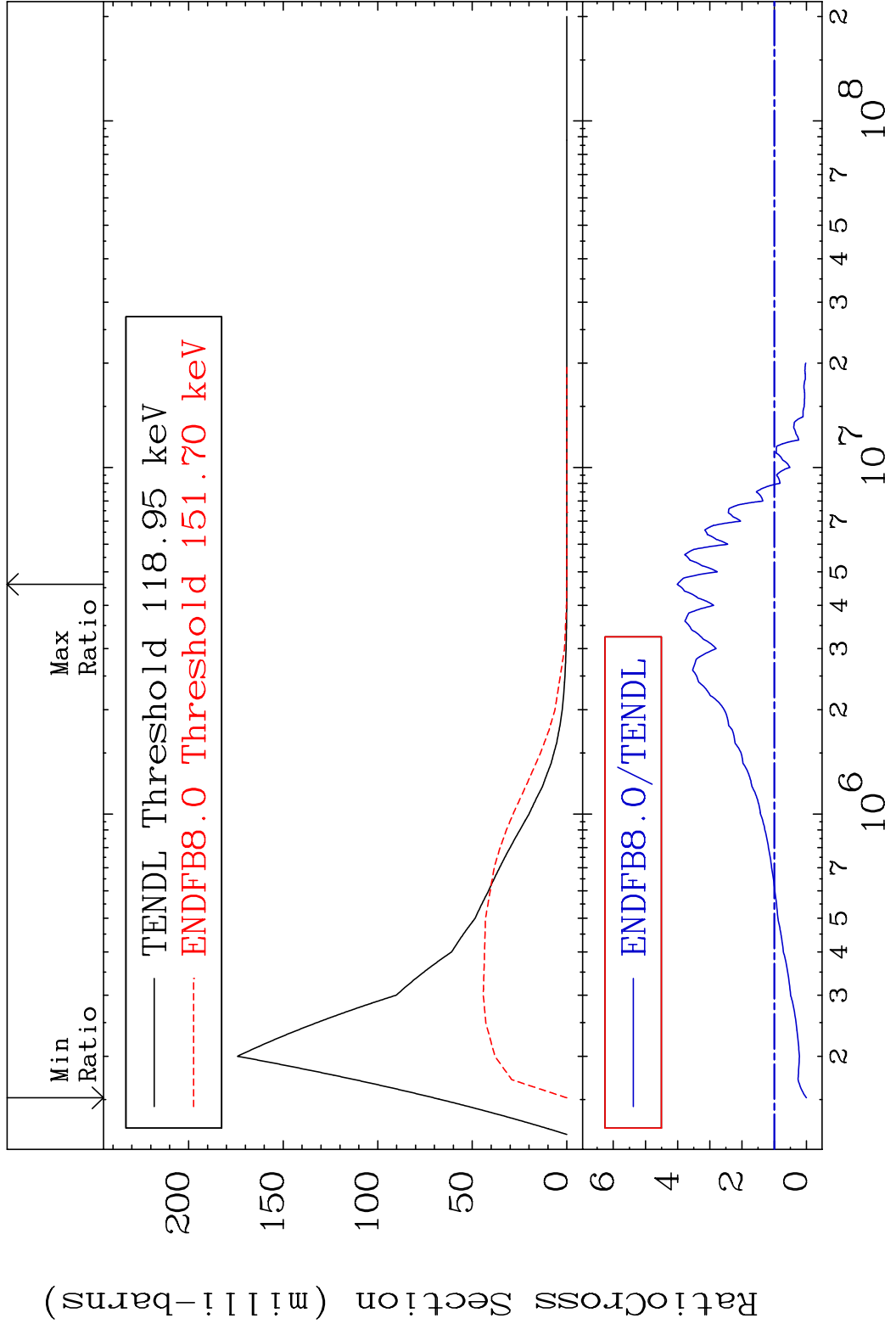
MAT 6328 MT= 59 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 237.2 %



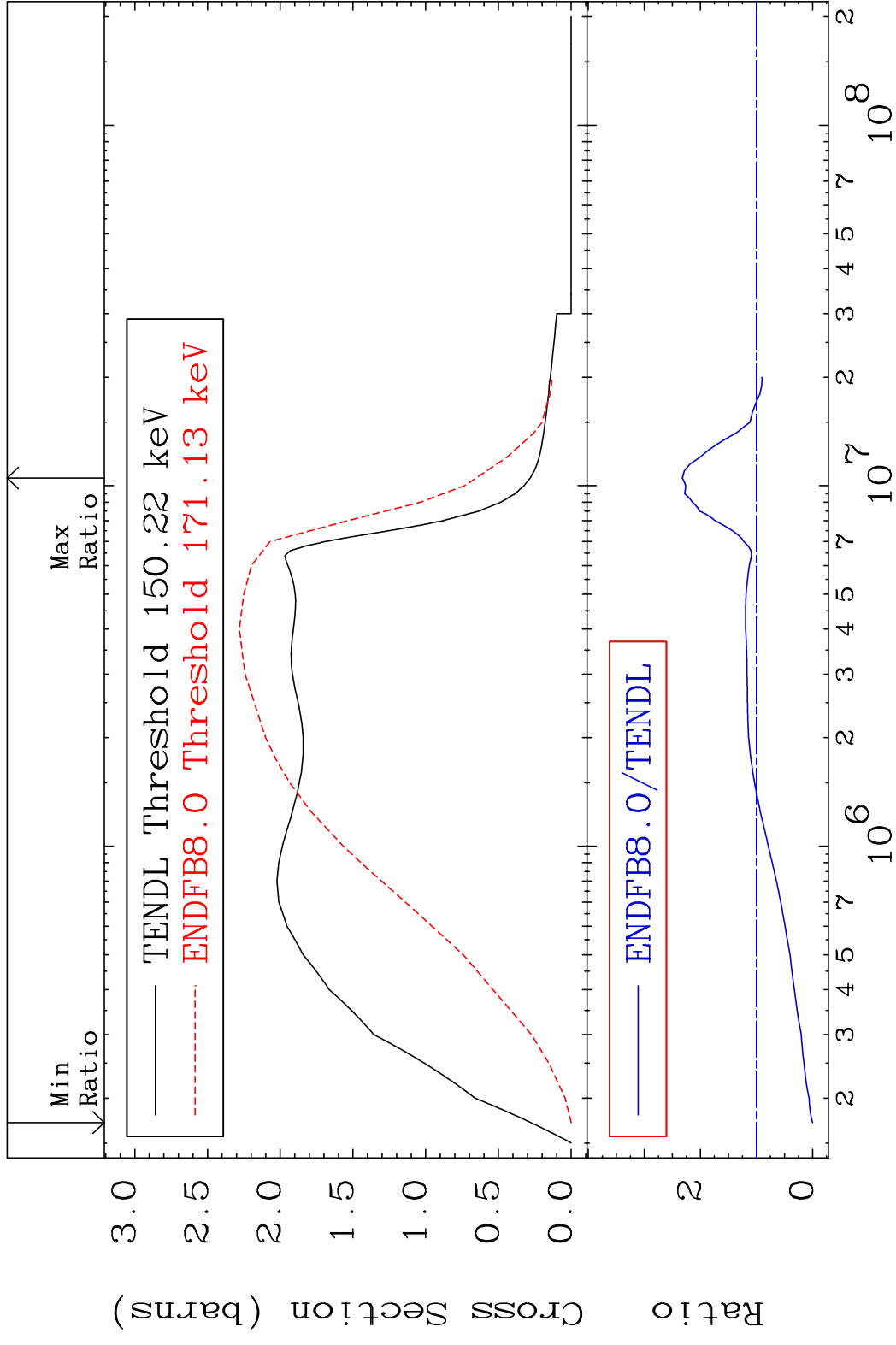
MAT 6328 MT= 60 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 23.79 %



MAT 6328 MT= 61 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 301.4 %



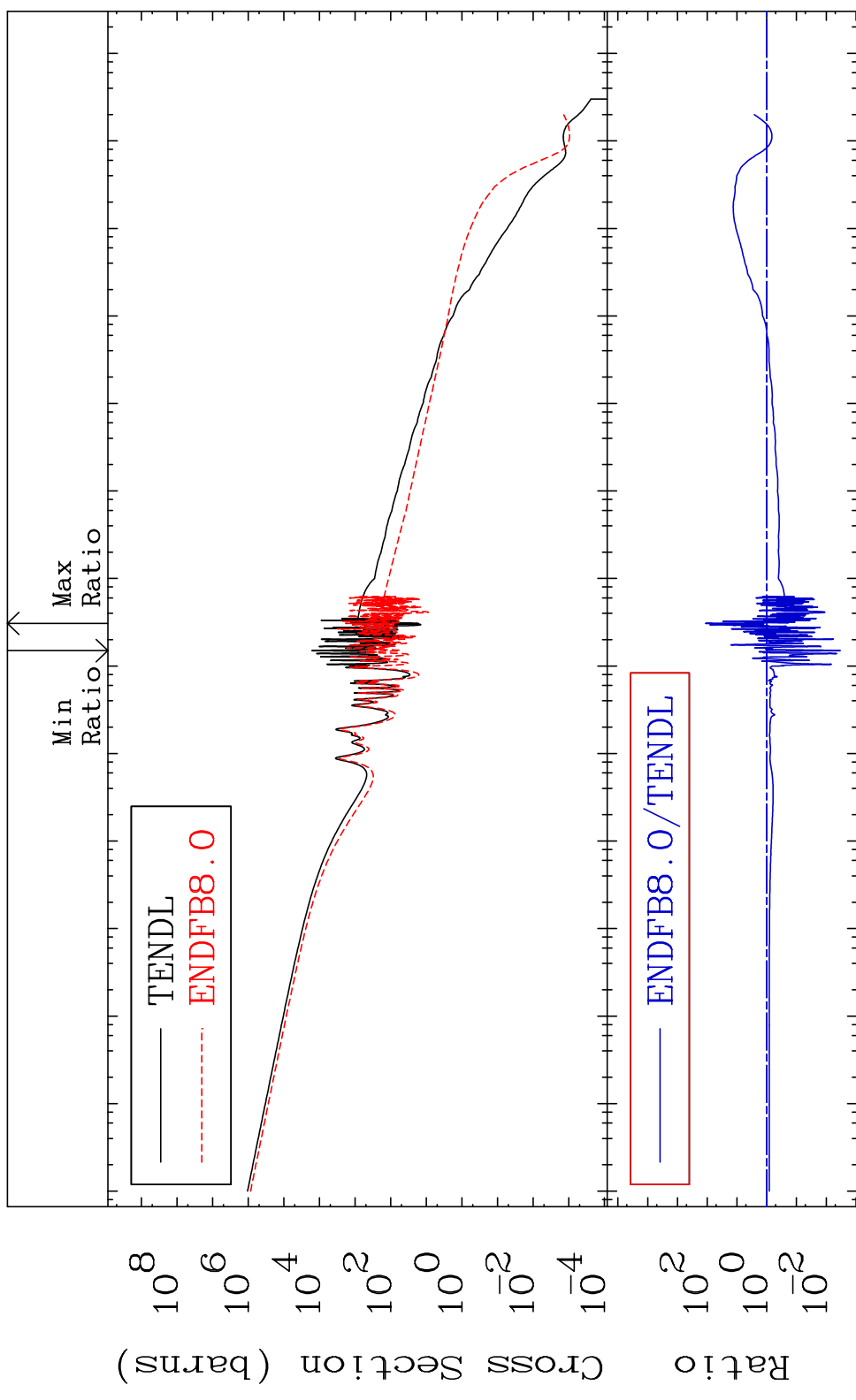
MAT 6328 (n,n') Continuum 63-Eu-152
 Cross Section -100.0 To 132.2 %



MAT 6328

(n, γ)
Cross Section -99.67 To 9999. %

63-Eu-152



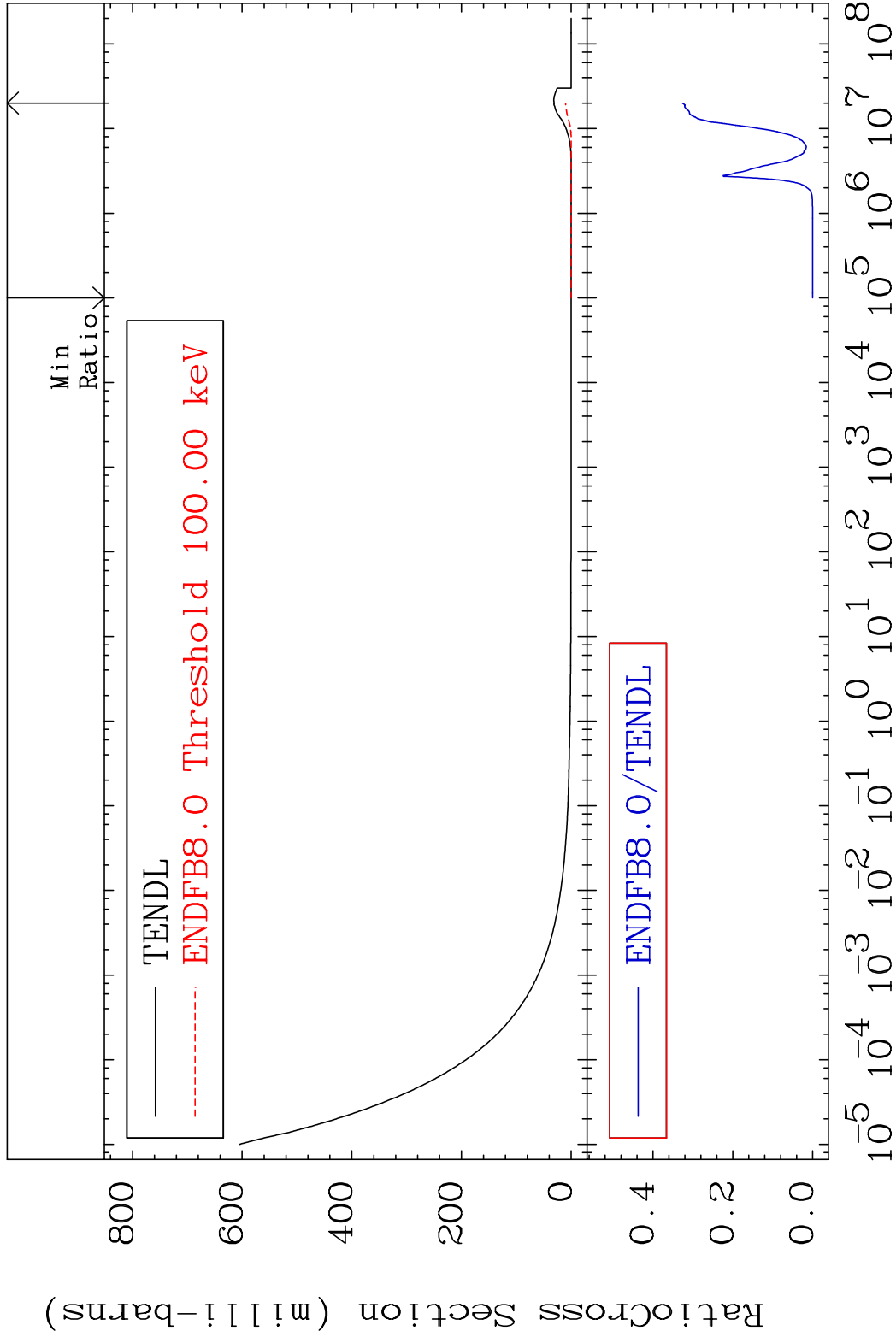
MAT 6328

(n, p)

63-Eu-152

Cross Section

-100.0 To -67.35%



23

Incident Energy (eV)

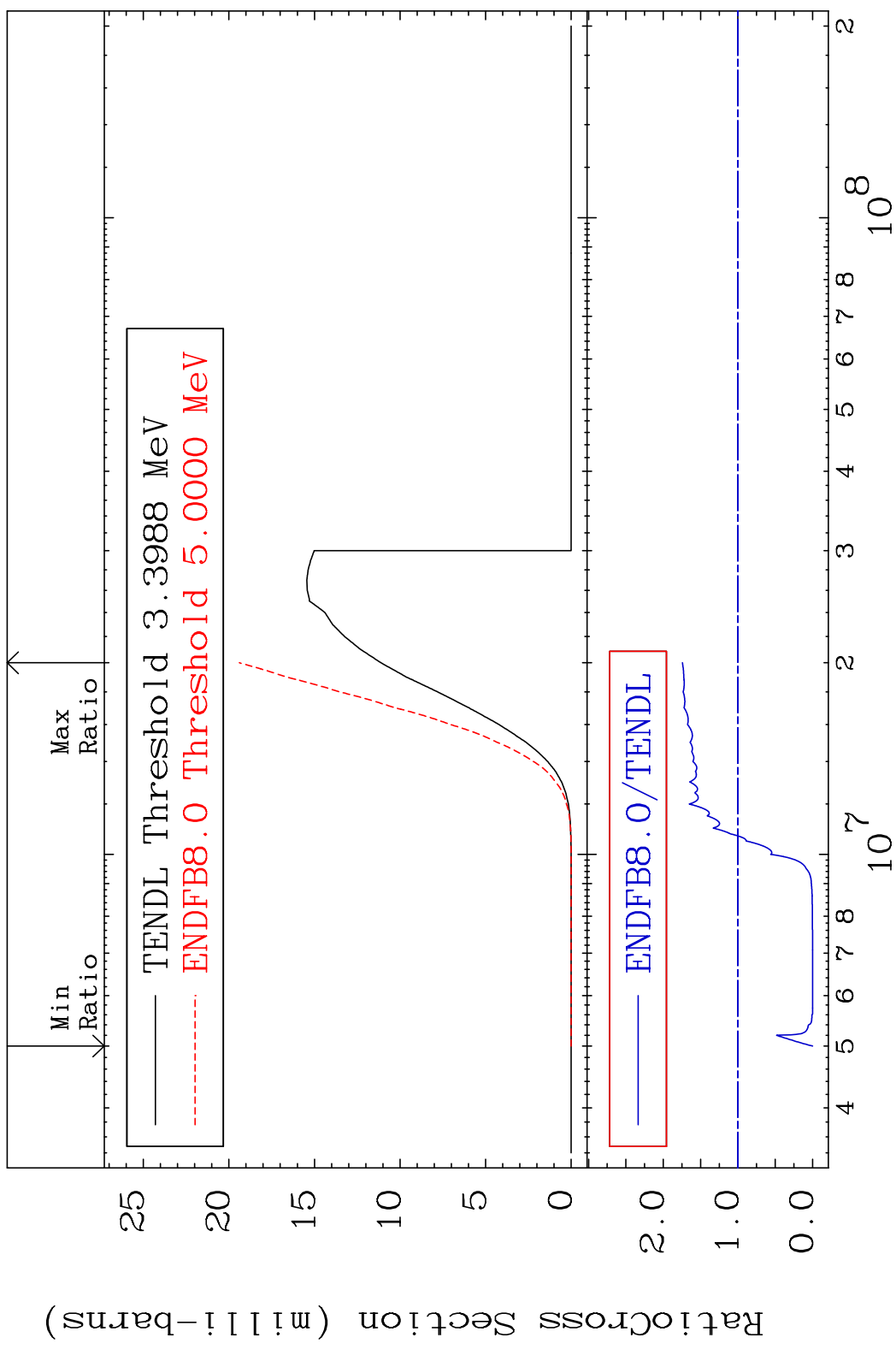
63-Eu-152

MAT 6328

(n, d)

63-Eu-152

Cross Section -100.0 To 74.39 %

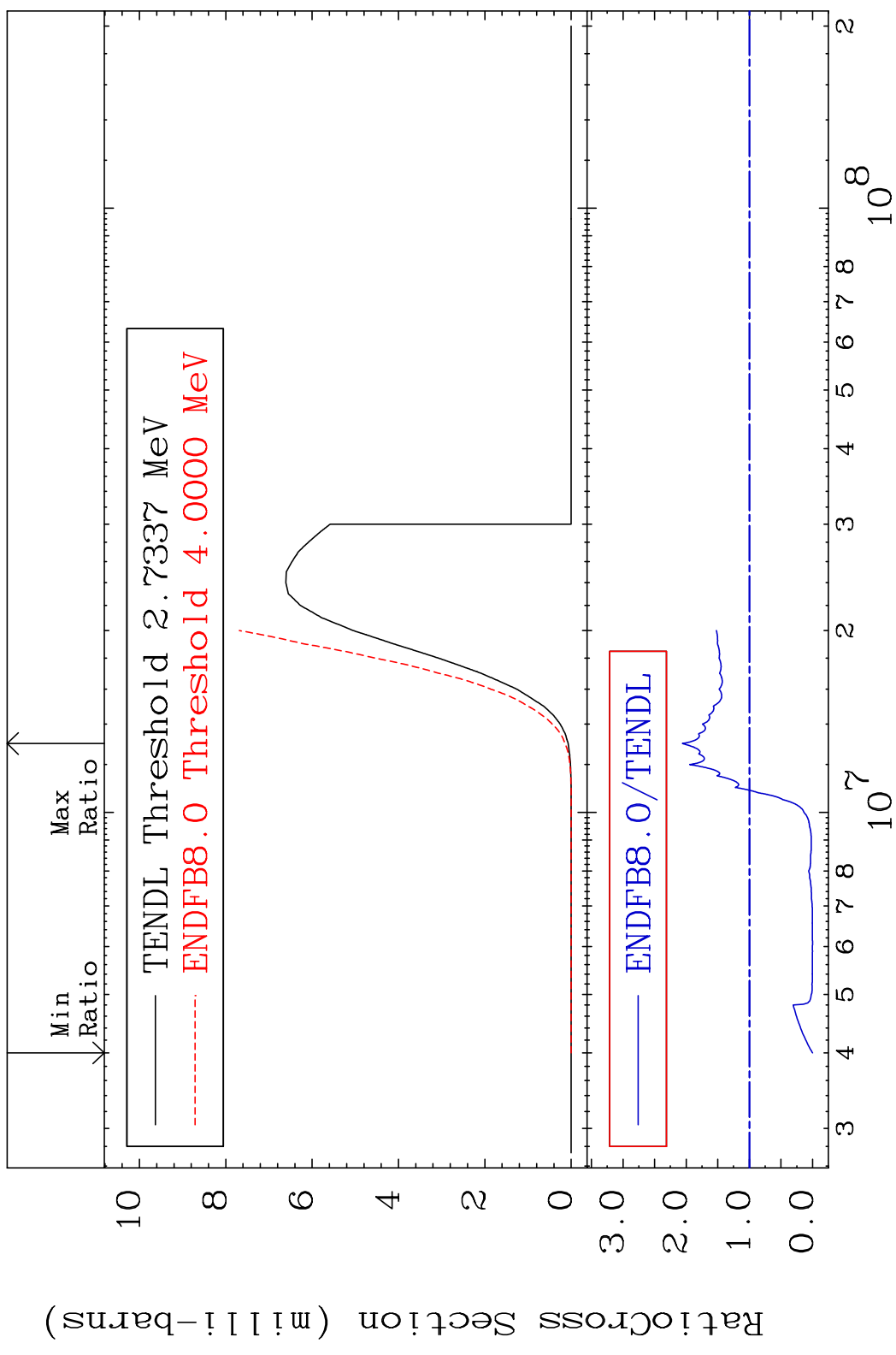


MAT 6328

(n, t)

63-Eu-152

Cross Section -100.0 To 106.1 %

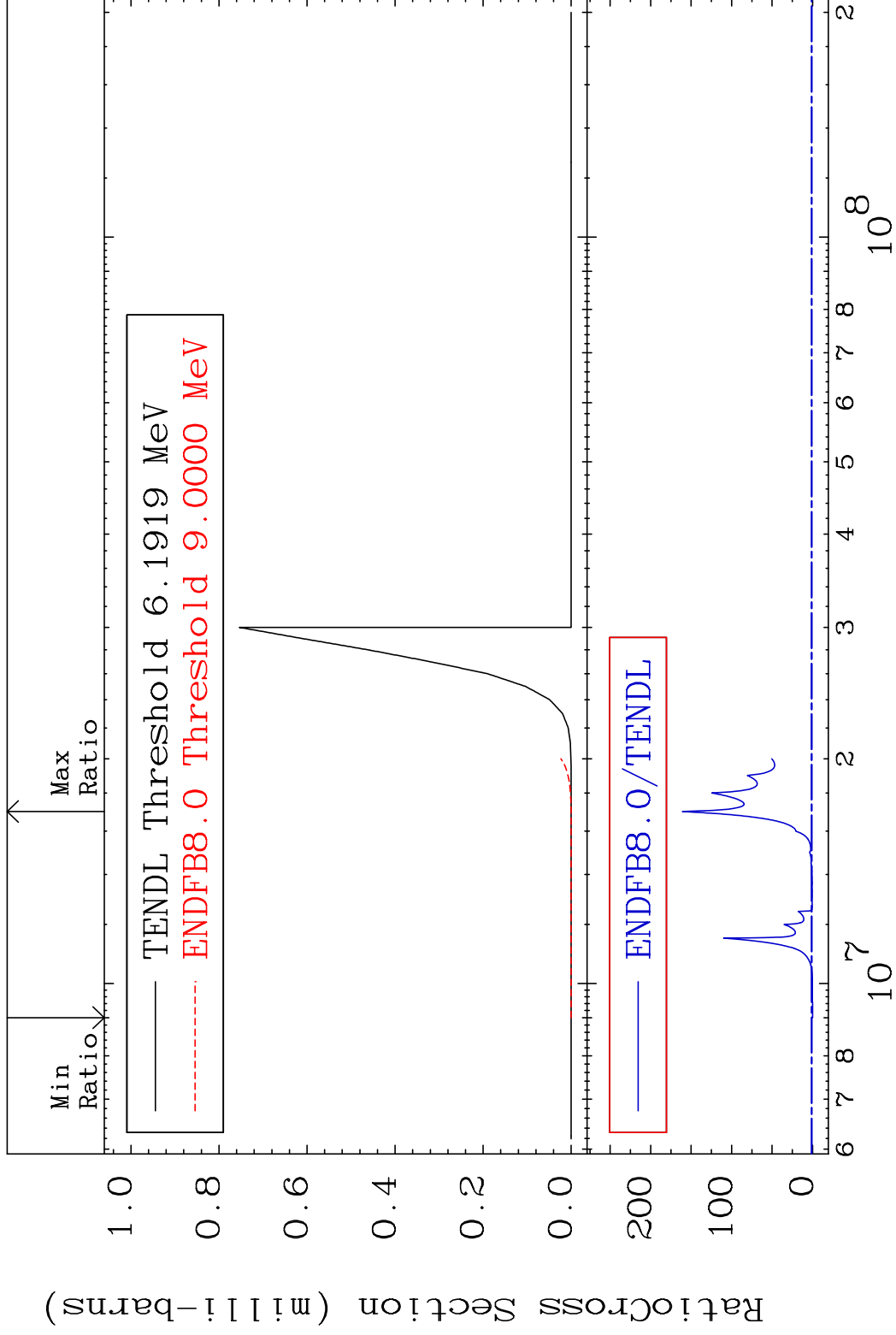


MAT 6328

(n, He-3)

63-Eu-152

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

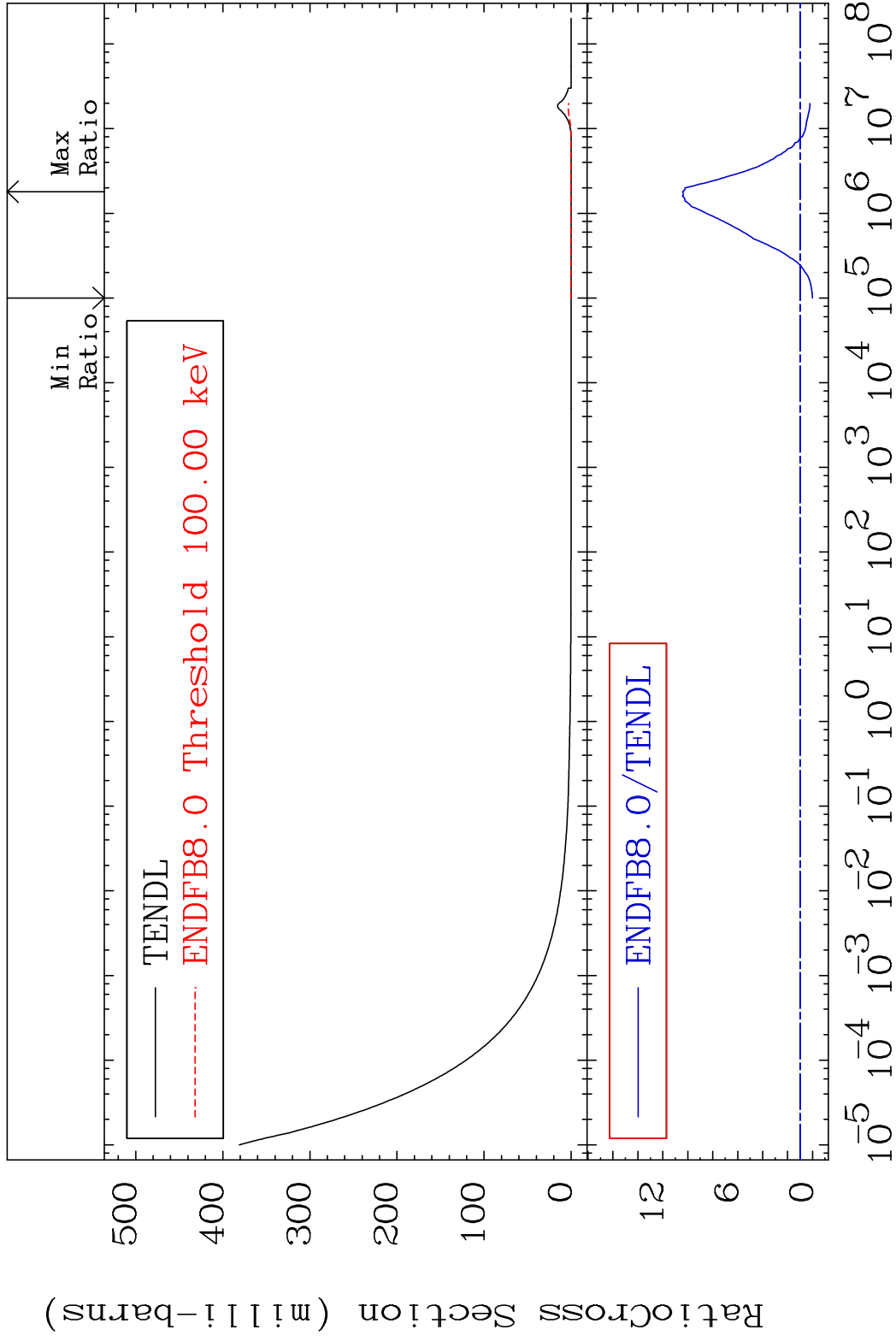
63-Eu-152

MAT 6328

(n, α)

63-Eu-152

Cross Section -100.0 To 943.6 %



27

Incident Energy (eV)

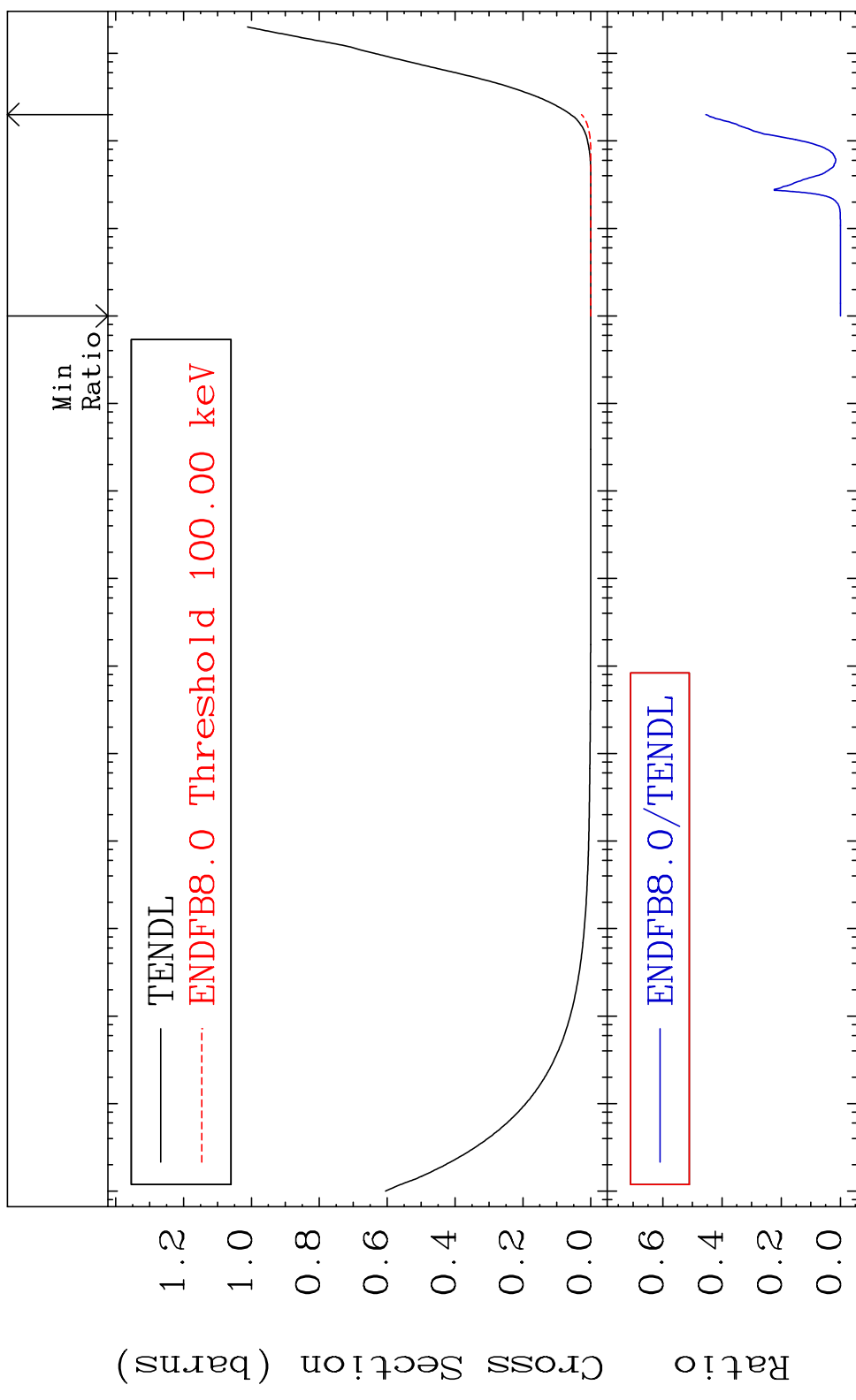
63-Eu-152

MAT 6328

Hydrogen Production

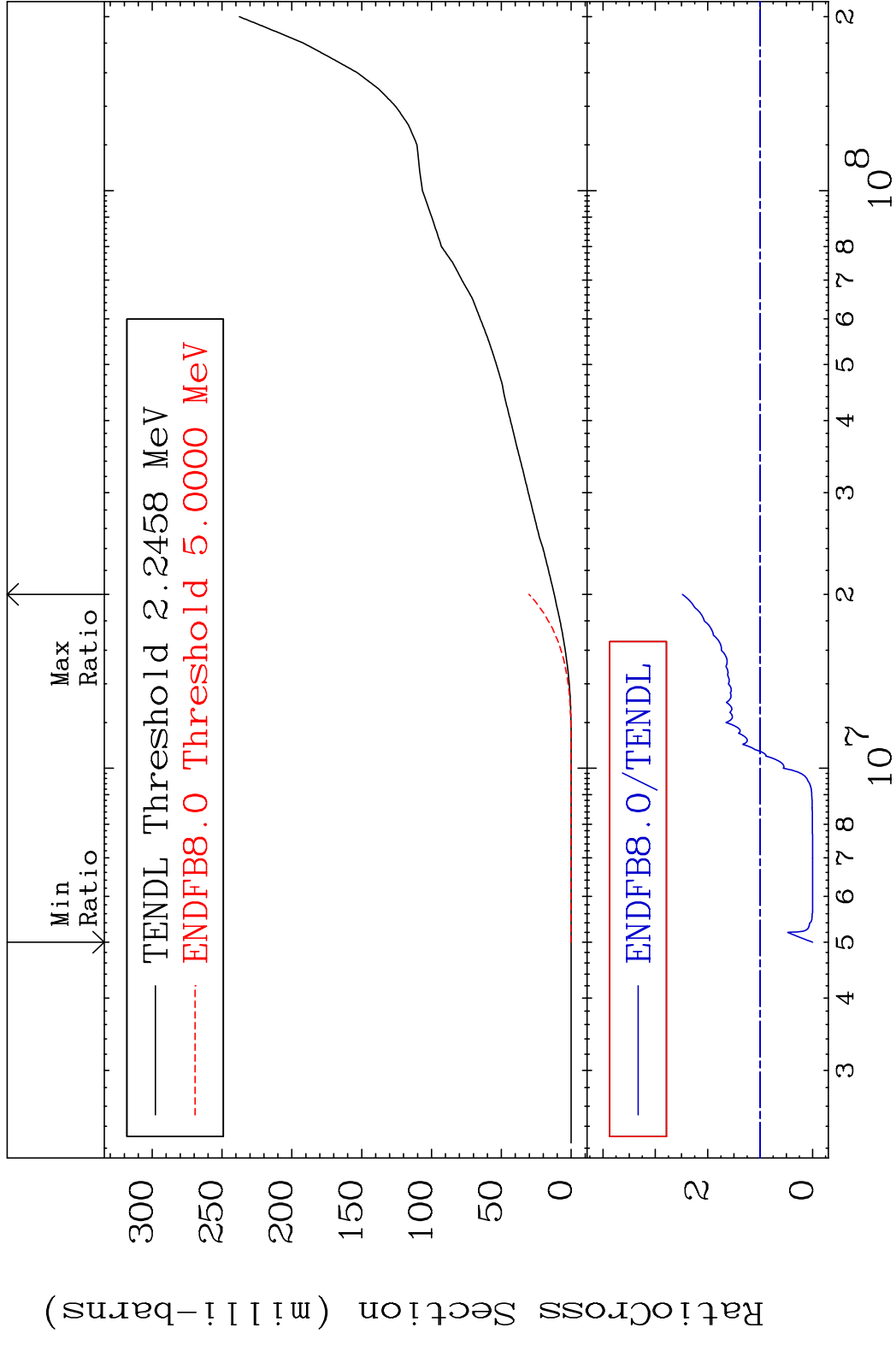
63-Eu-152

Cross Section -100.0 To -54.51%



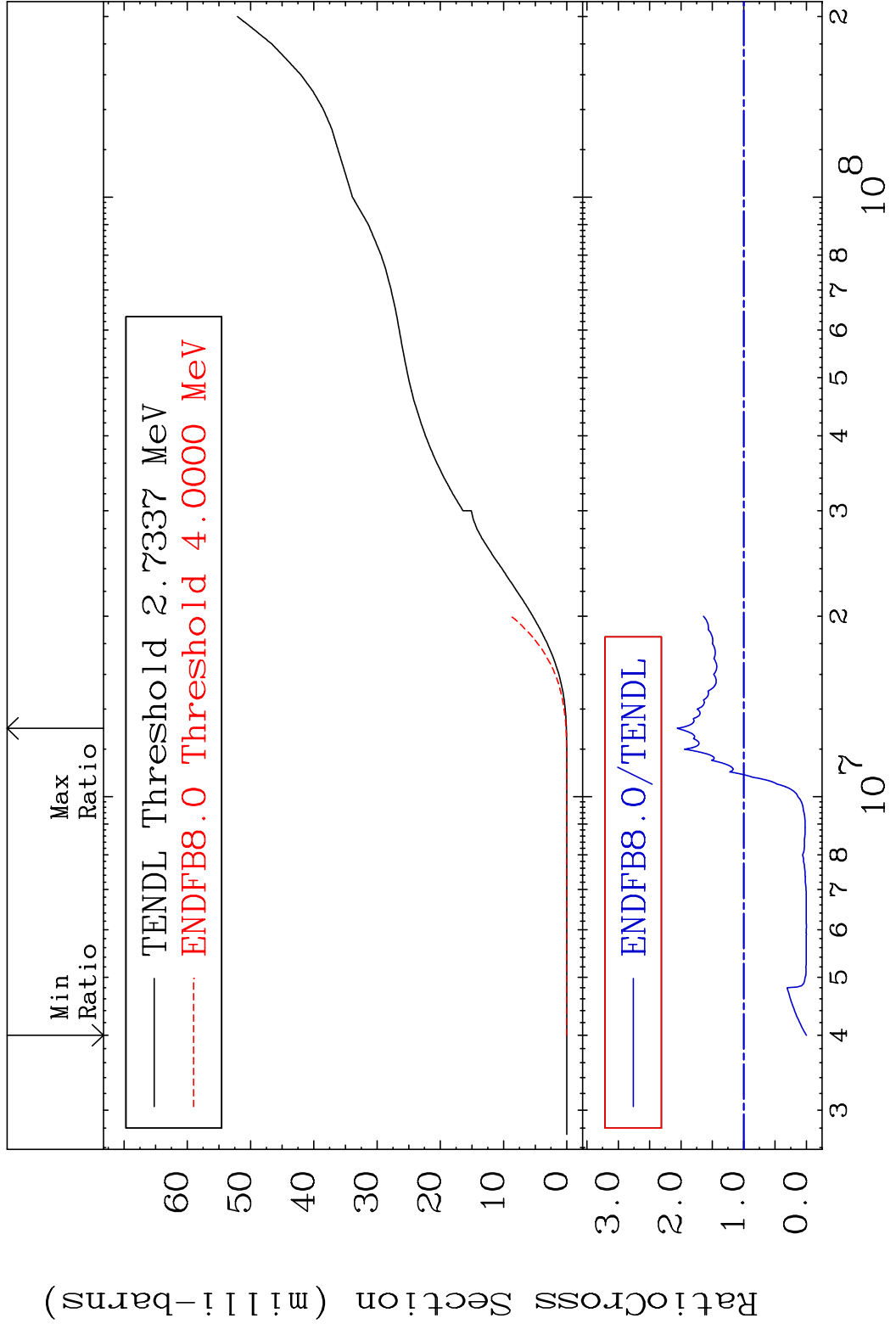
MAT 6328

Deuterium Production 63-Eu-152
Cross Section -100.0 To 148.5 %



MAT 6328

Tritium Production 63-Eu-152
Cross Section -100.0 To 106.1 %



30

Incident Energy (eV)

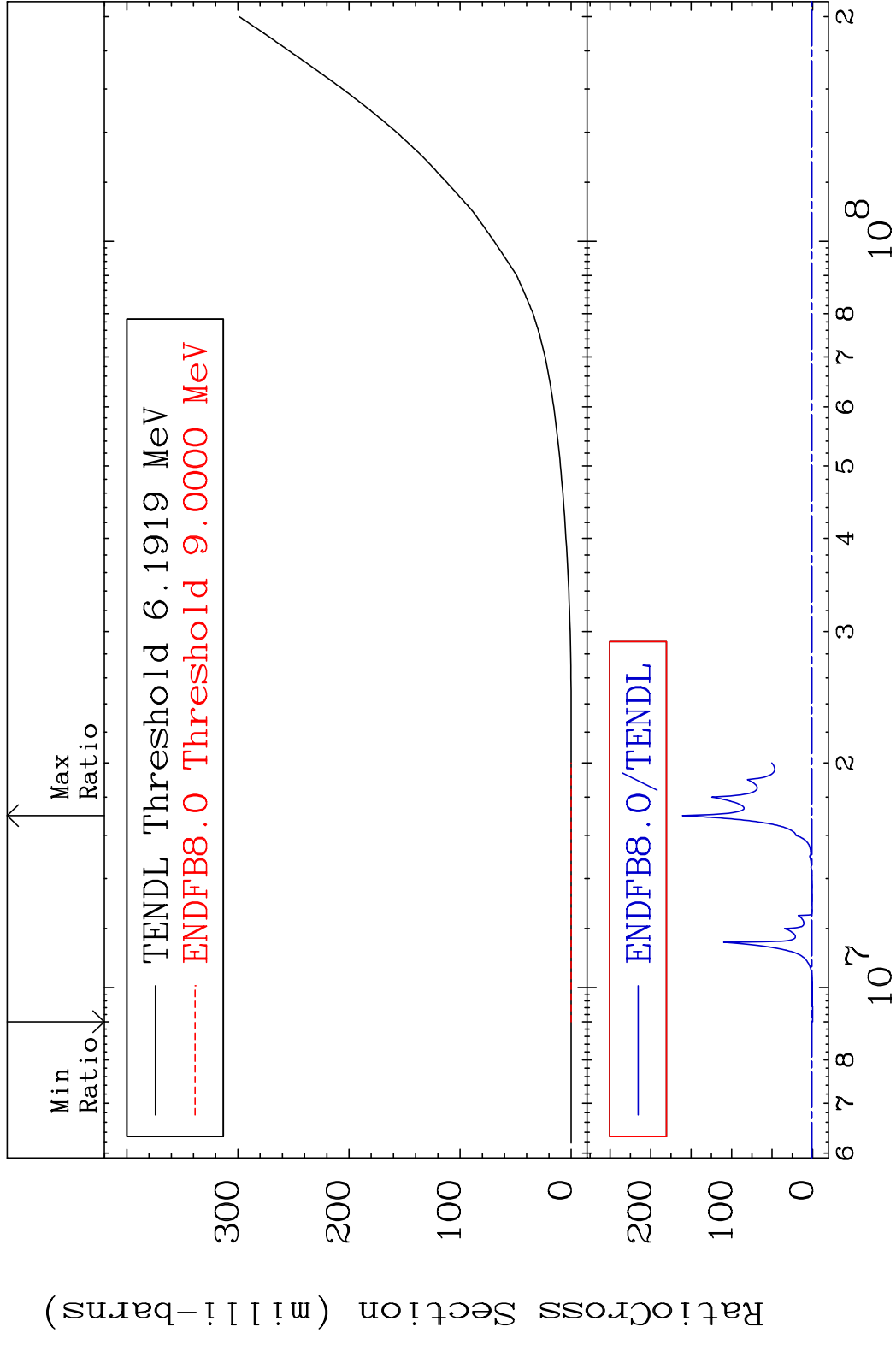
63-Eu-152

MAT 6328

He-3 Production

63-Eu-152

Cross Section -100.0 To 9999. %

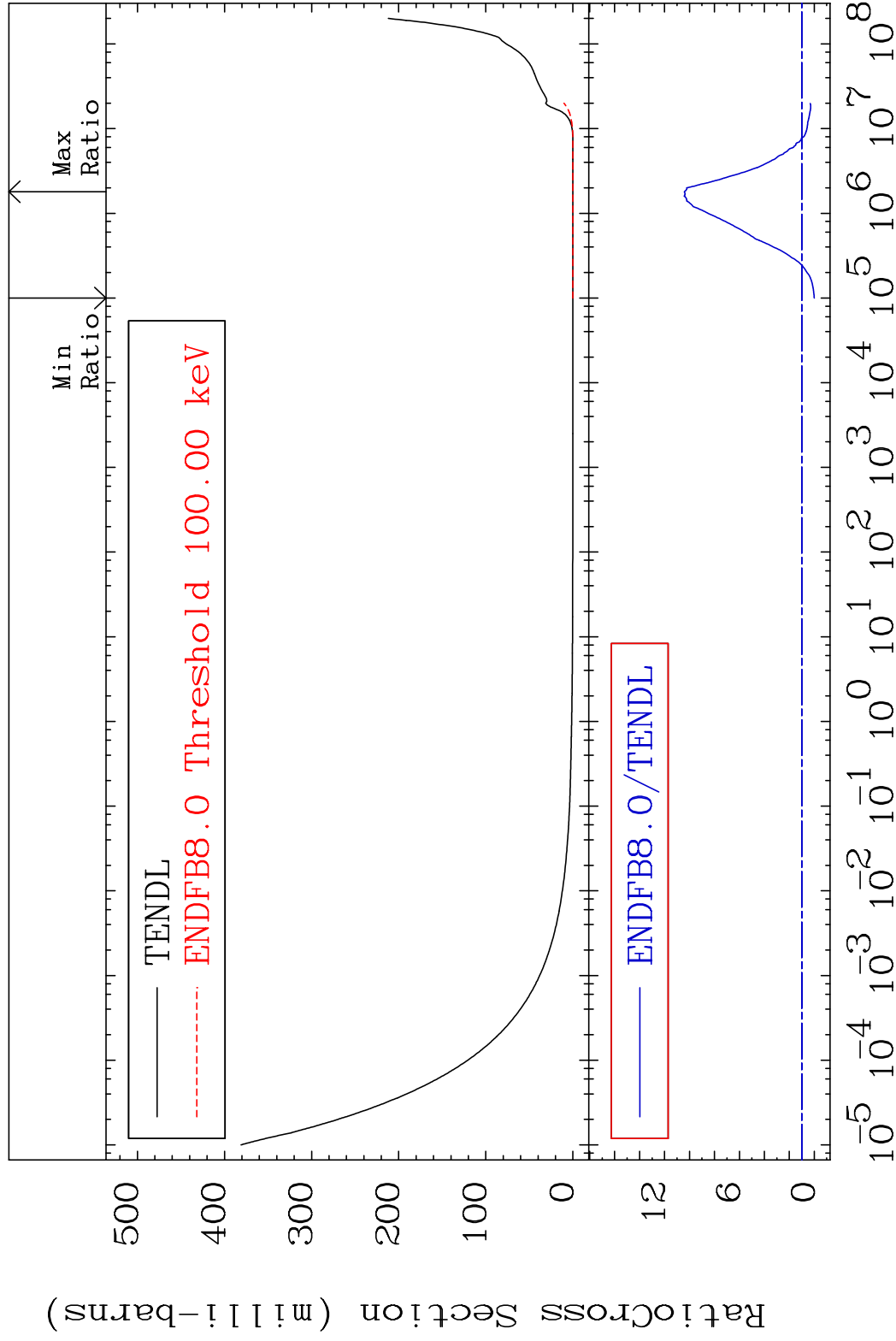


MAT 6328

He-4 Production

63-Eu-152

Cross Section -100.0 To 943.6 %

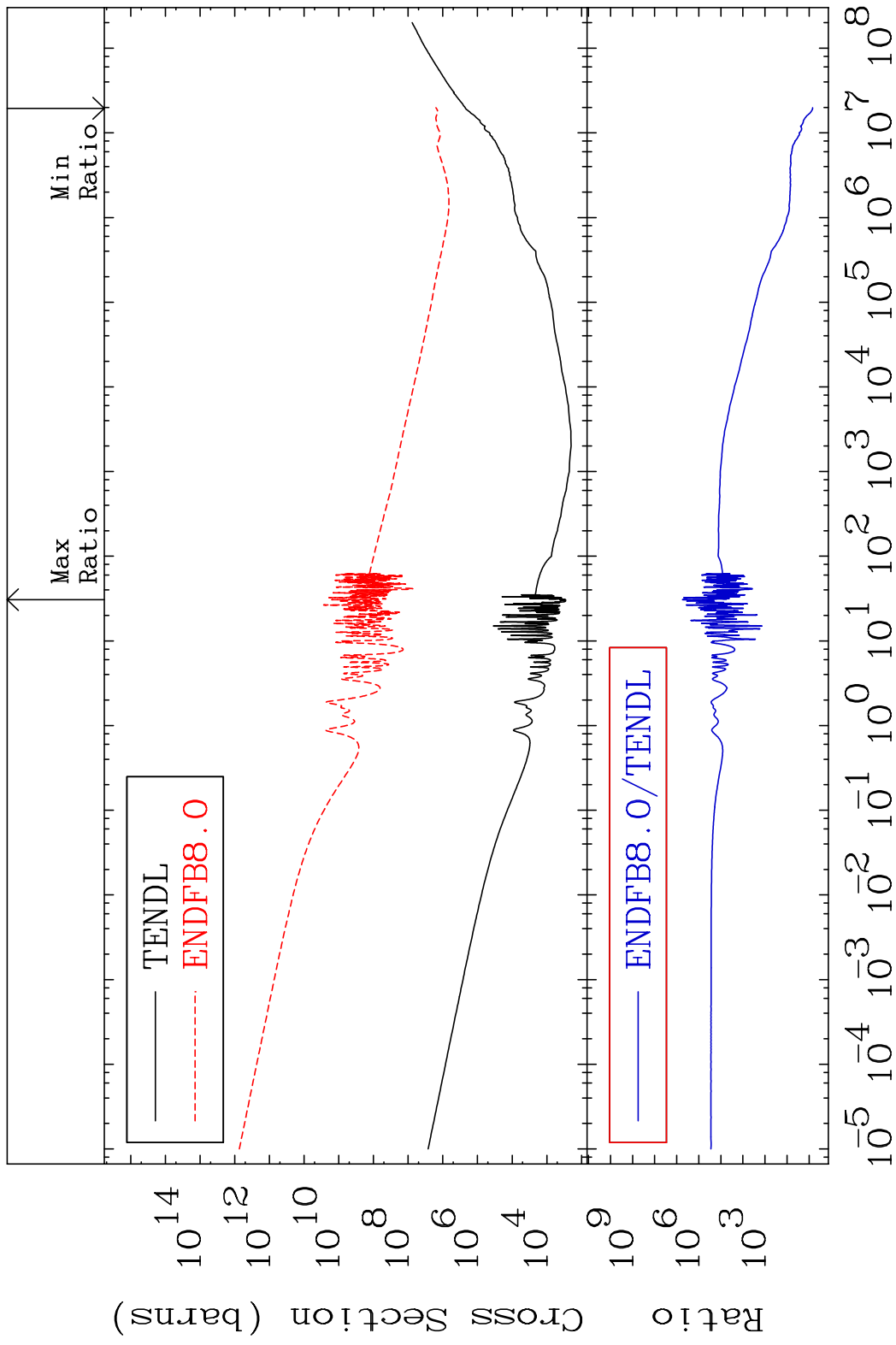


32

Incident Energy (eV)

63-Eu-152

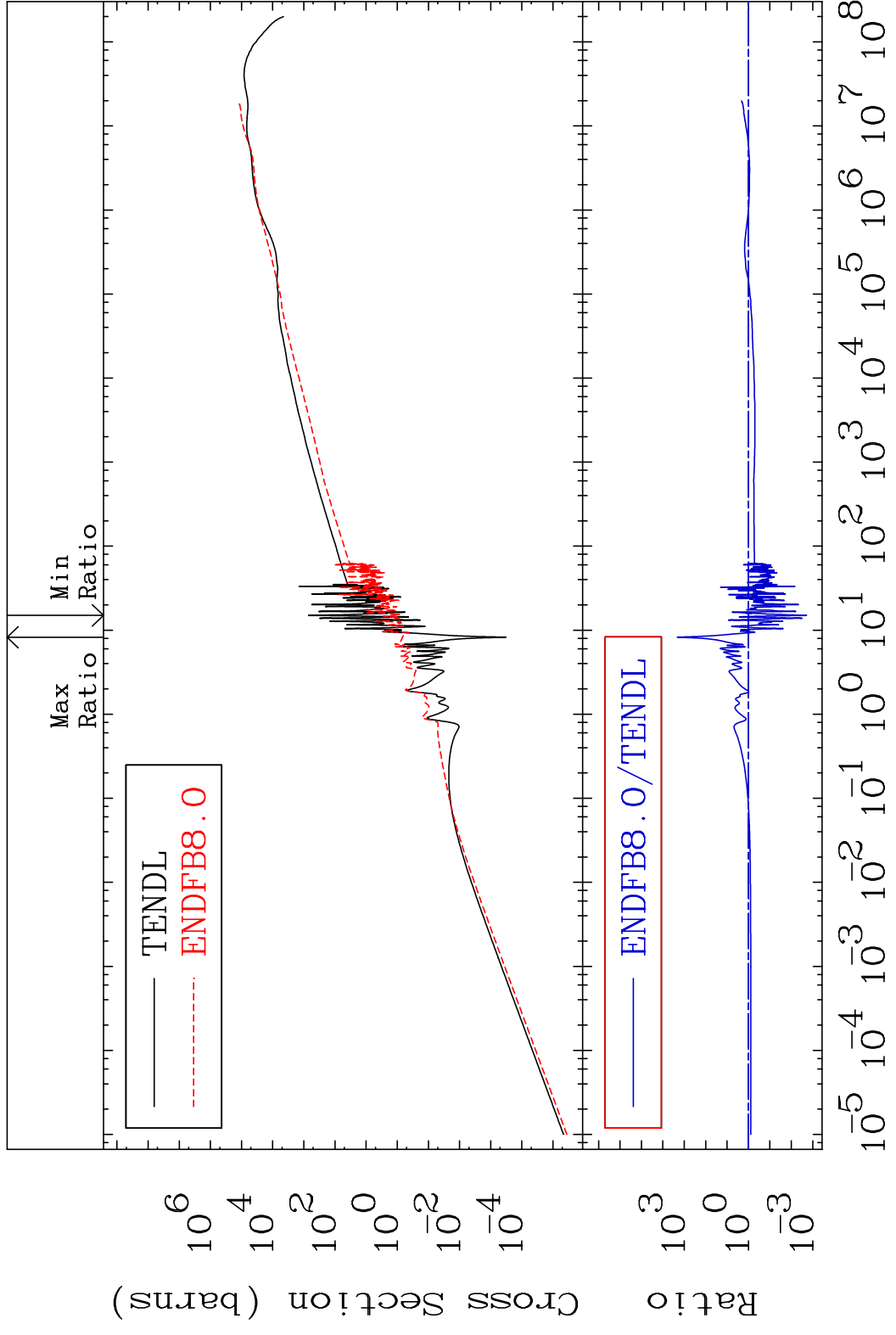
MAT 6328 Kerma total (eV-barns) 63-Eu-152
 Cross Section 597.0 To 9999. %



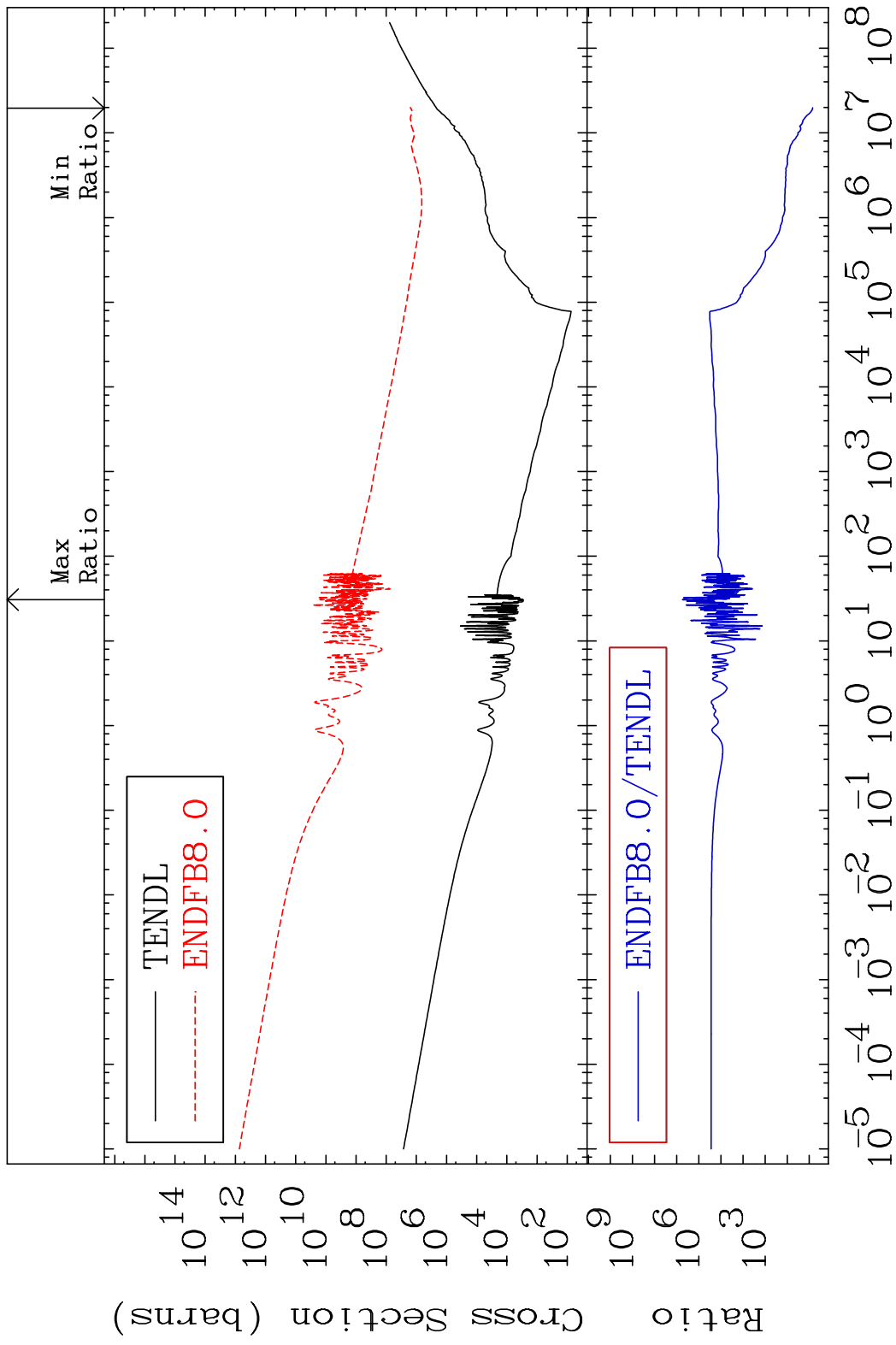
33 Incident Energy (eV) 63-Eu-152

MAT 6328

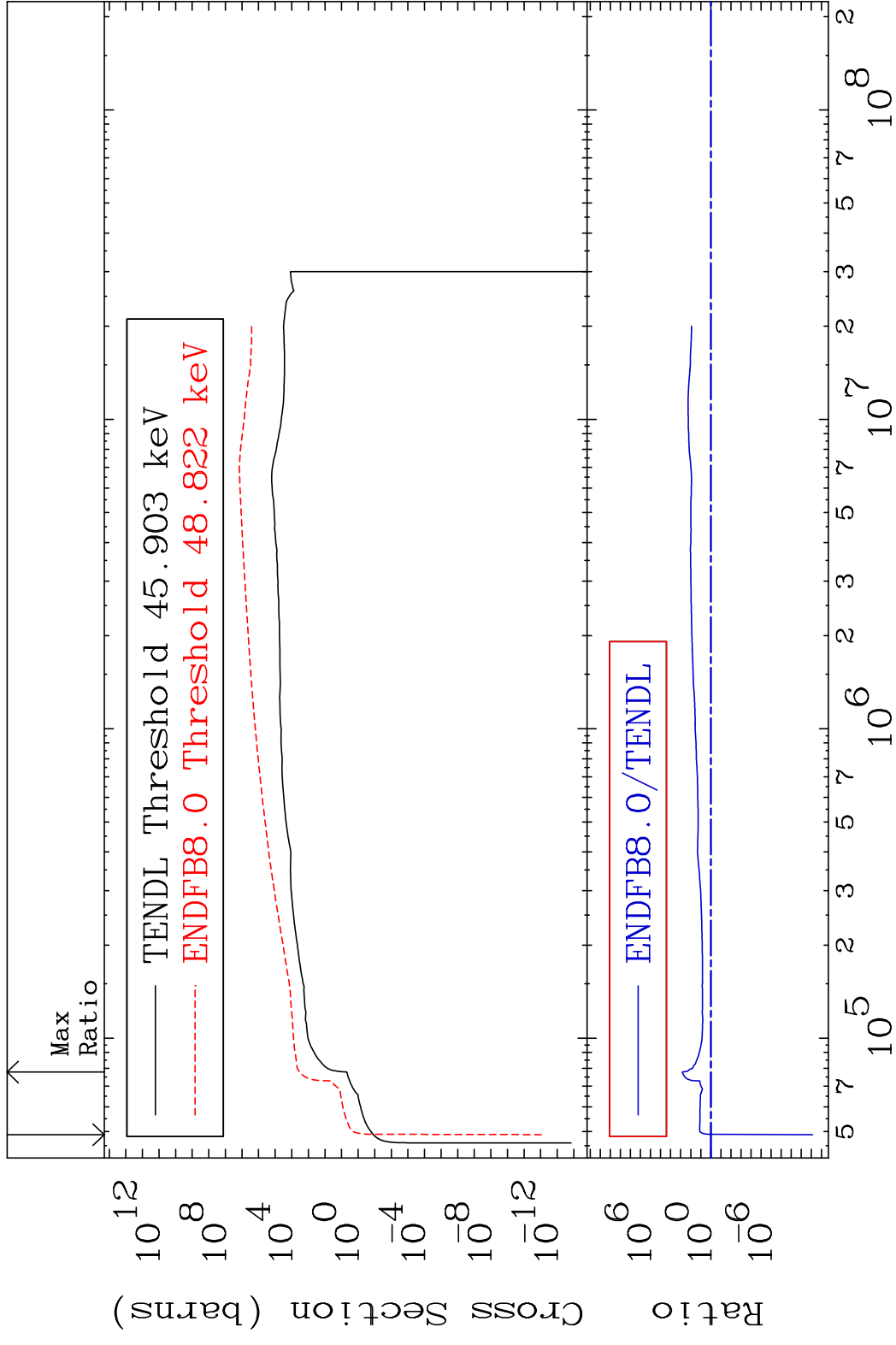
Kerma elastic Cross Section -99.80 To 9999. %
63-Eu-152



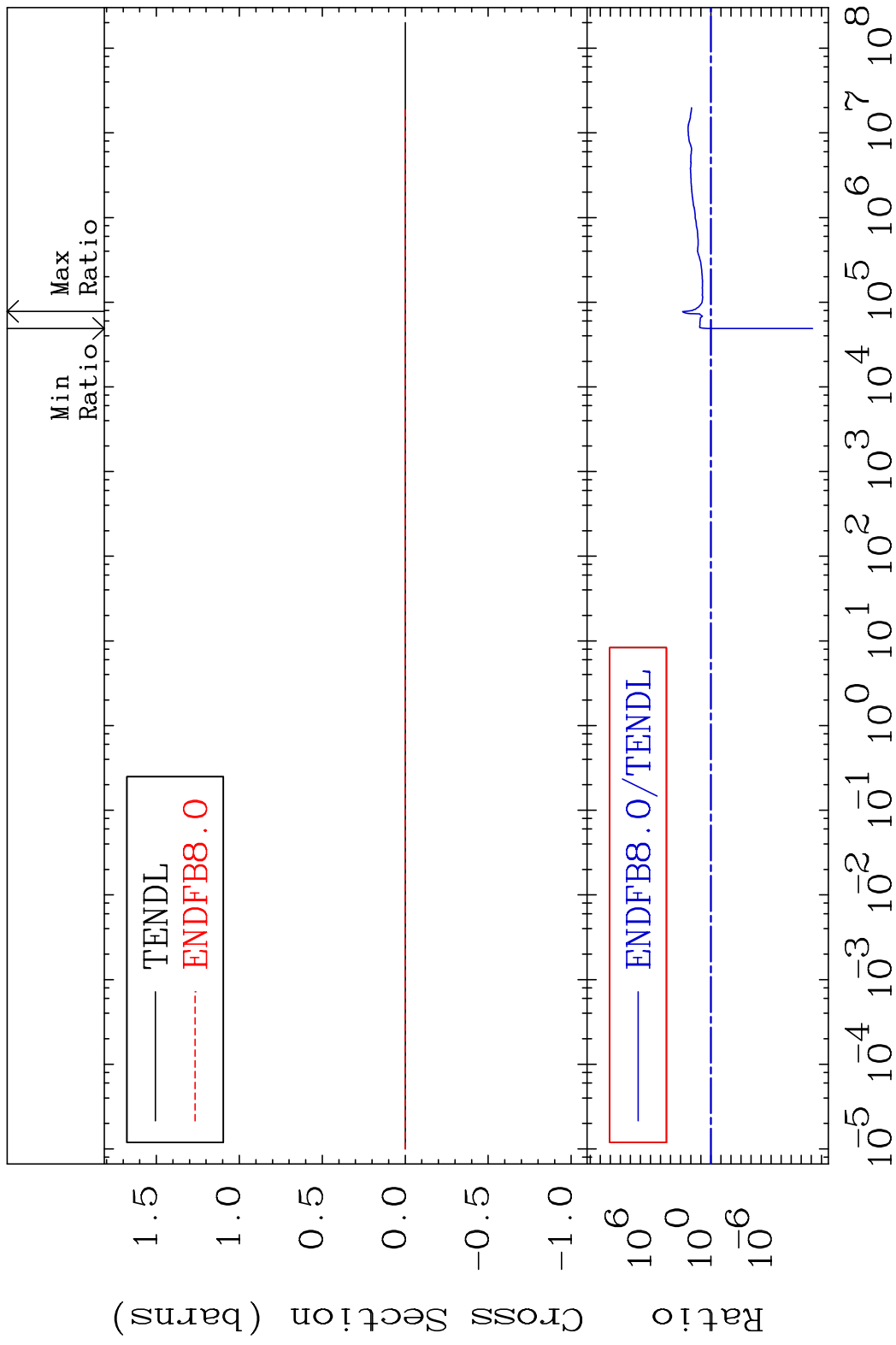
MAT 6328 Kerma non-elastic (all but mt2) 63-Eu-152
 Cross Section 611.4 To 9999. %

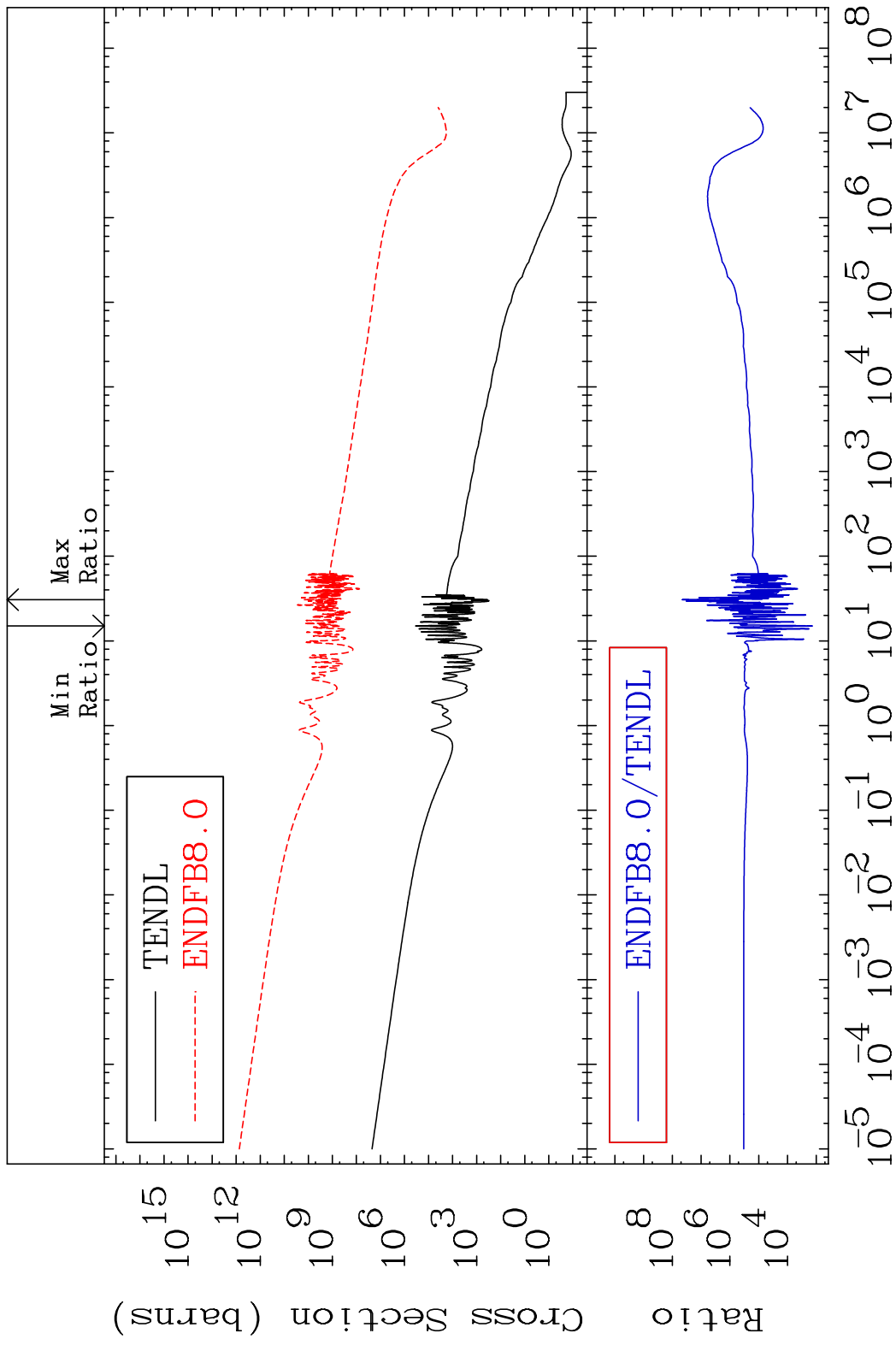


MAT 6328 Kerma inelastic (mt51-91) 63-Eu-152
 Cross Section -100.0 To 9999. %

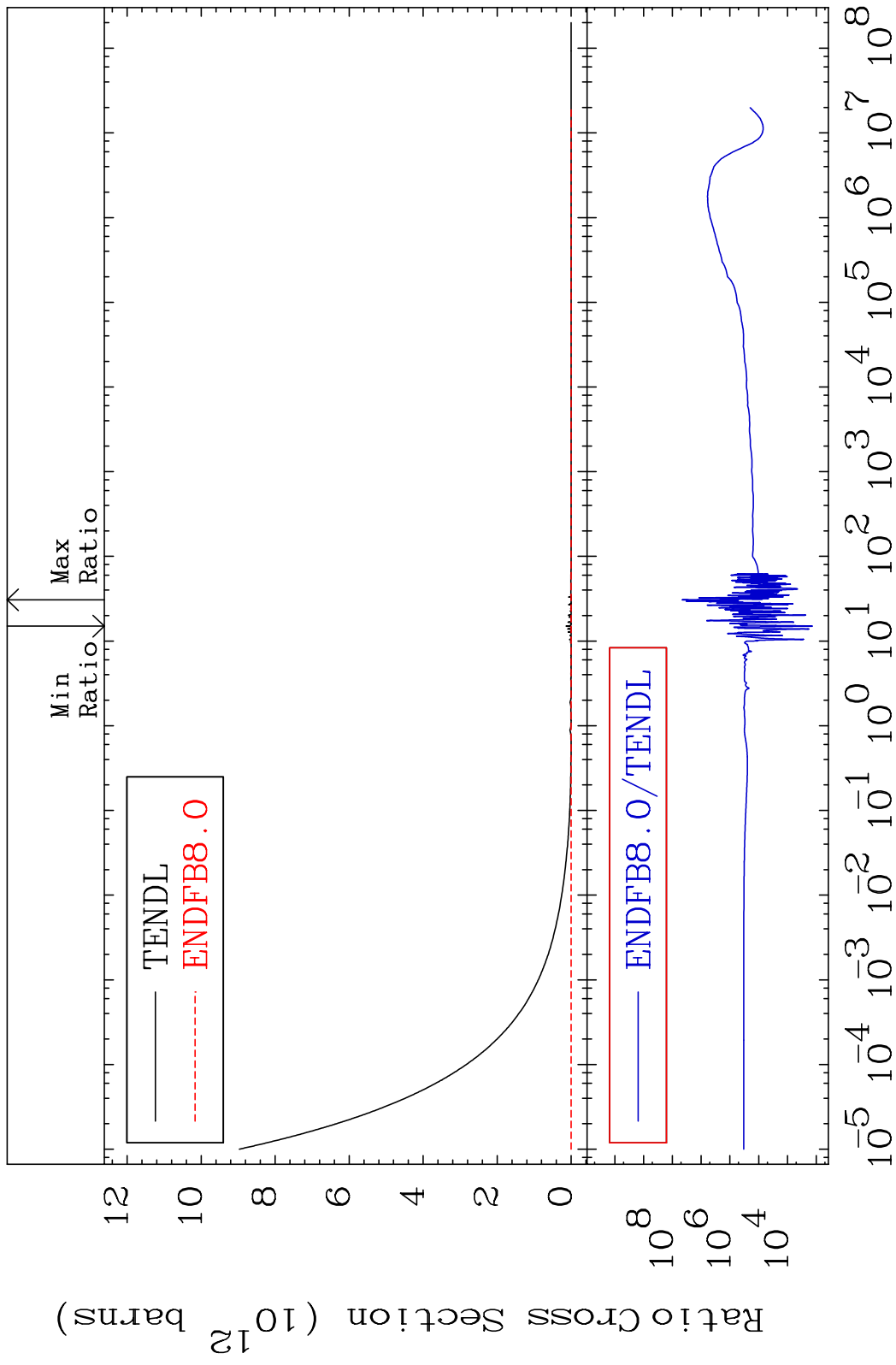


MAT 6328 Kerma fission (mt18 or mt19-20-21-38) 63-Eu-152
 Cross Section -100.0 To 9999. %



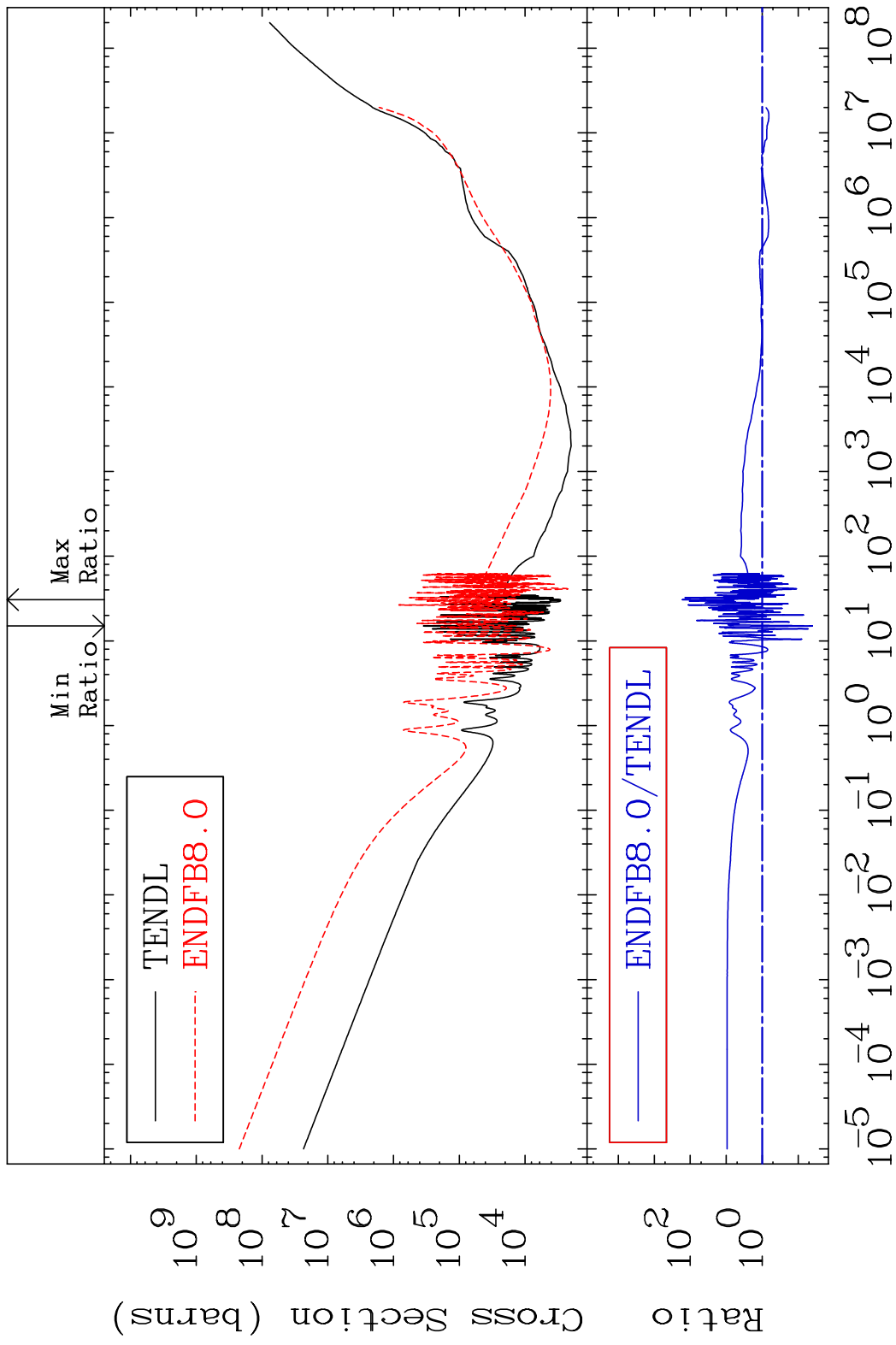


MAT 6328 Total photon (eV-barns) 63-Eu-152
 Cross Section 9999. To 9999. %



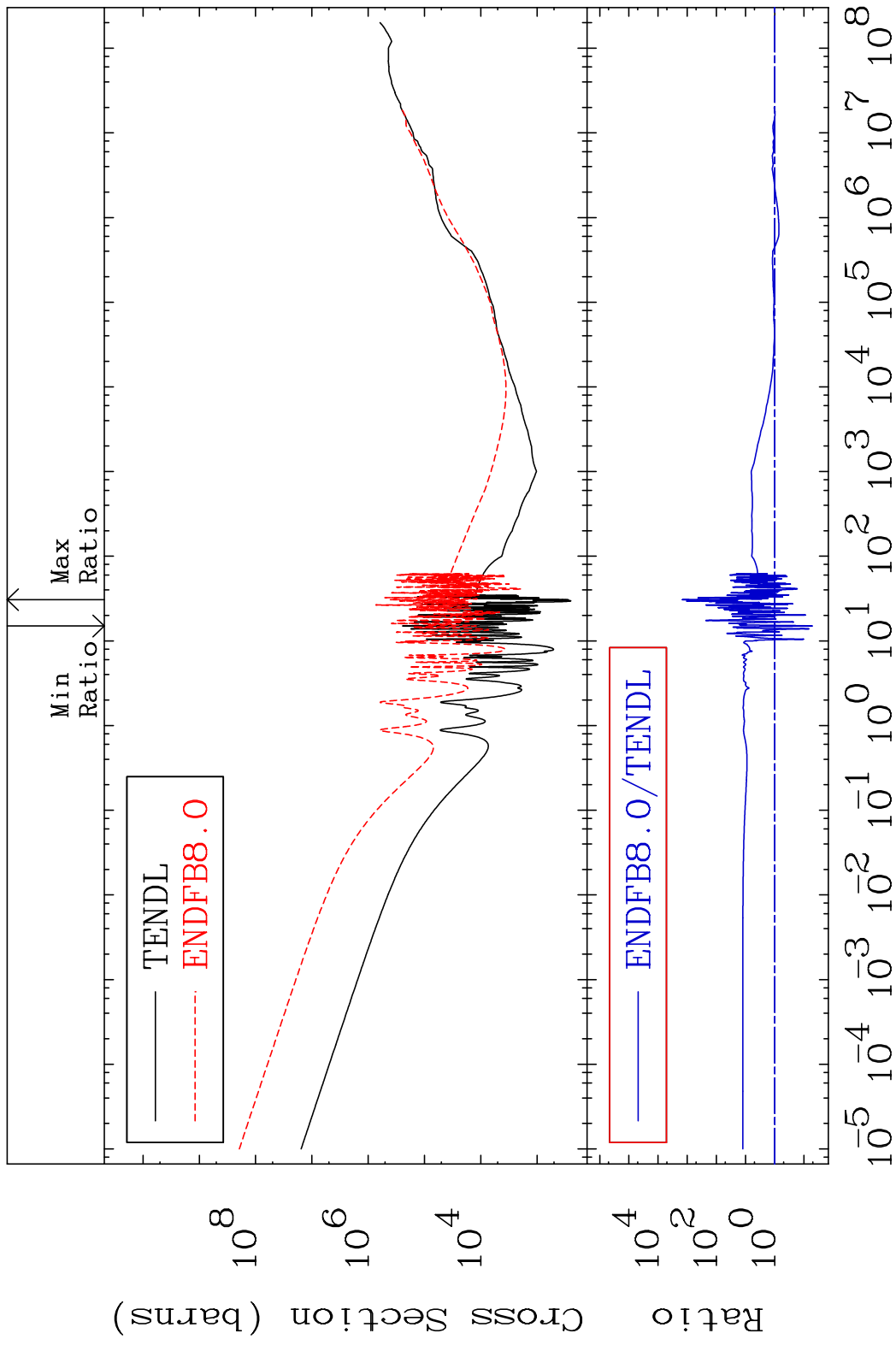
39 Incident Energy (eV) 63-Eu-152

MAT 6328 Total kinematic kerma (high limit) 63-Eu-152
Cross Section -96.02 To 9999. %



40 Incident Energy (eV) 63-Eu-152

MAT 6328 Dpa total (eV-barns) 63-Eu-152
 Cross Section -94.92 To 9999. %

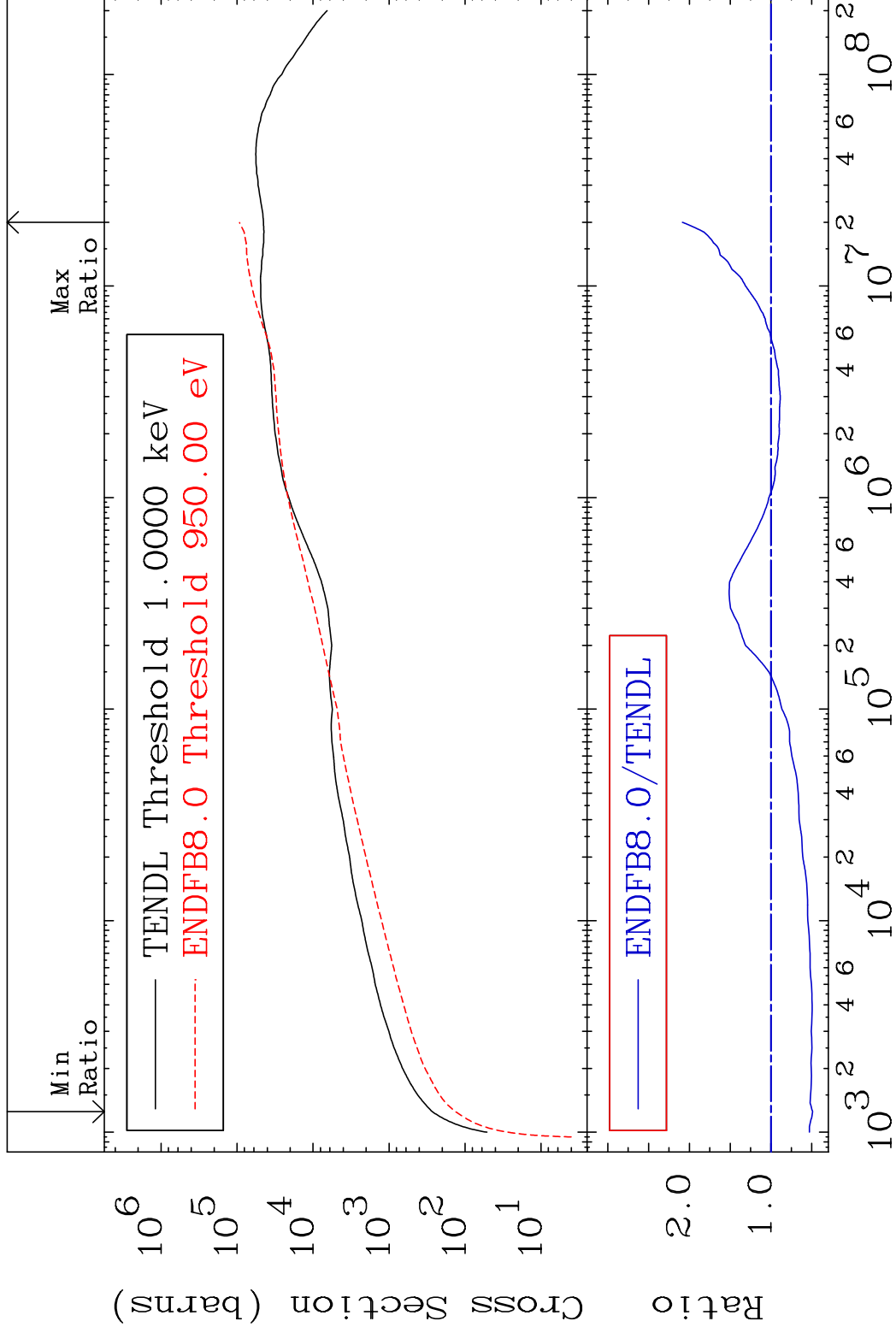


MAT 6328

Dpa elastic (mt2)

63-Eu-152

Cross Section -50.93 To 108.6 %

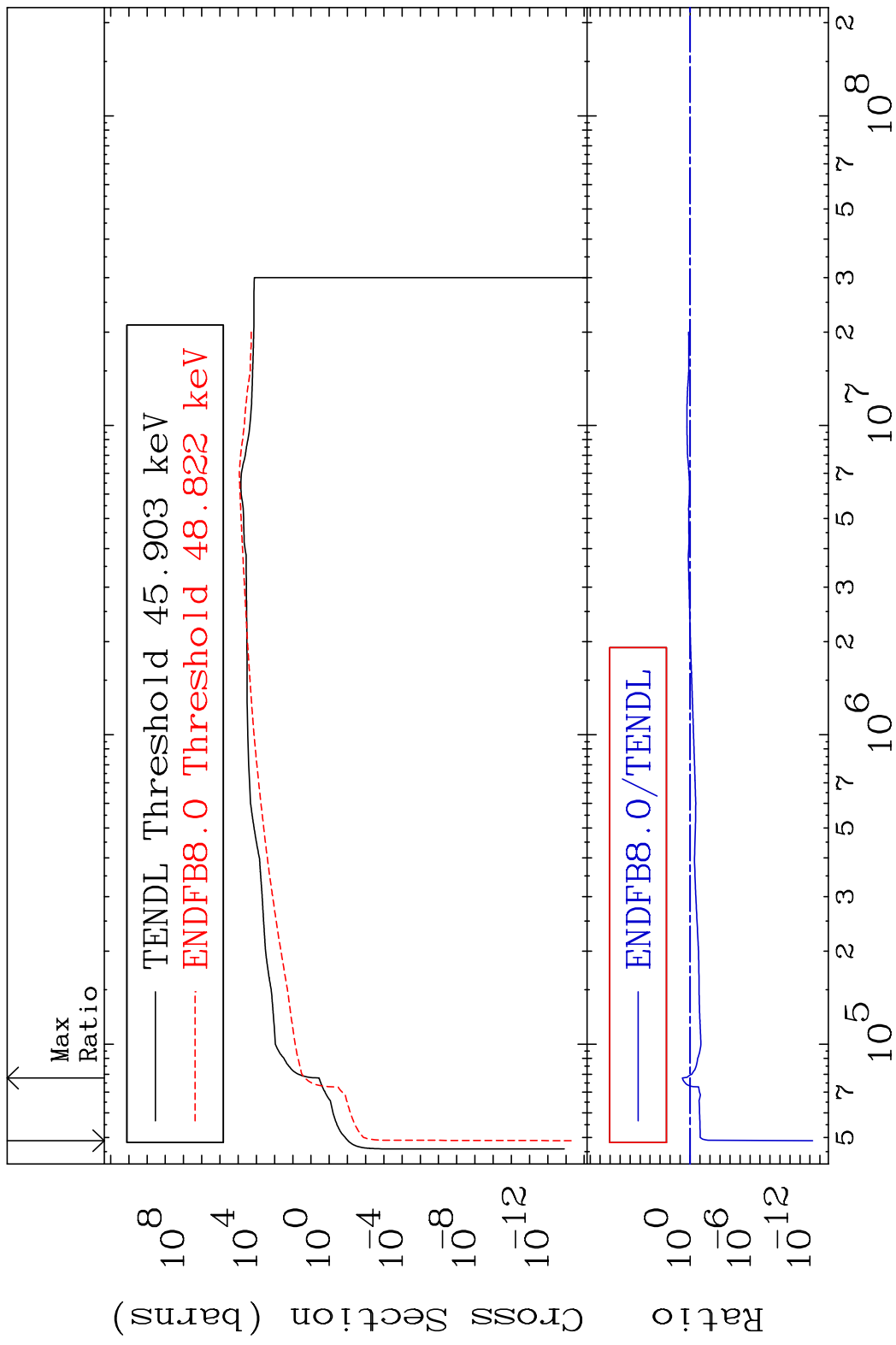


42

Incident Energy (eV)

63-Eu-152

MAT 6328 Dpa inelastic (mt51-91) 63-Eu-152
 Cross Section -100.0 To 491.8 %



43 Incident Energy (eV) 63-Eu-152

MAT 6328 Dpa disappearance (mt102 -120) 63-Eu-152
 Cross Section -94.92 To 9999. %

