

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

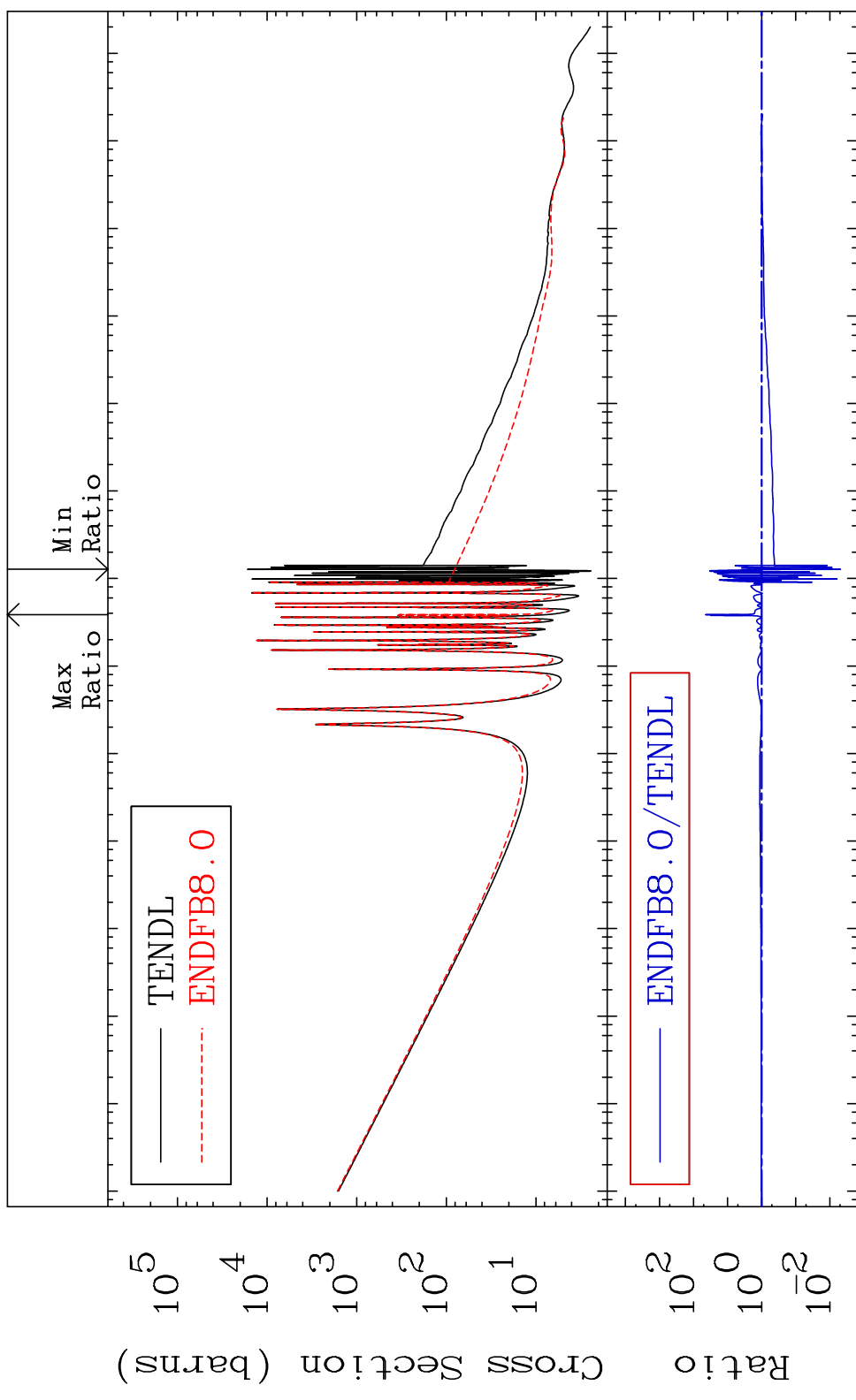
Press Mouse Button to Start

MAT 6625

Total

66-Dy-156

Cross Section -99.51 To 4275. %



1

Incident Energy (eV)

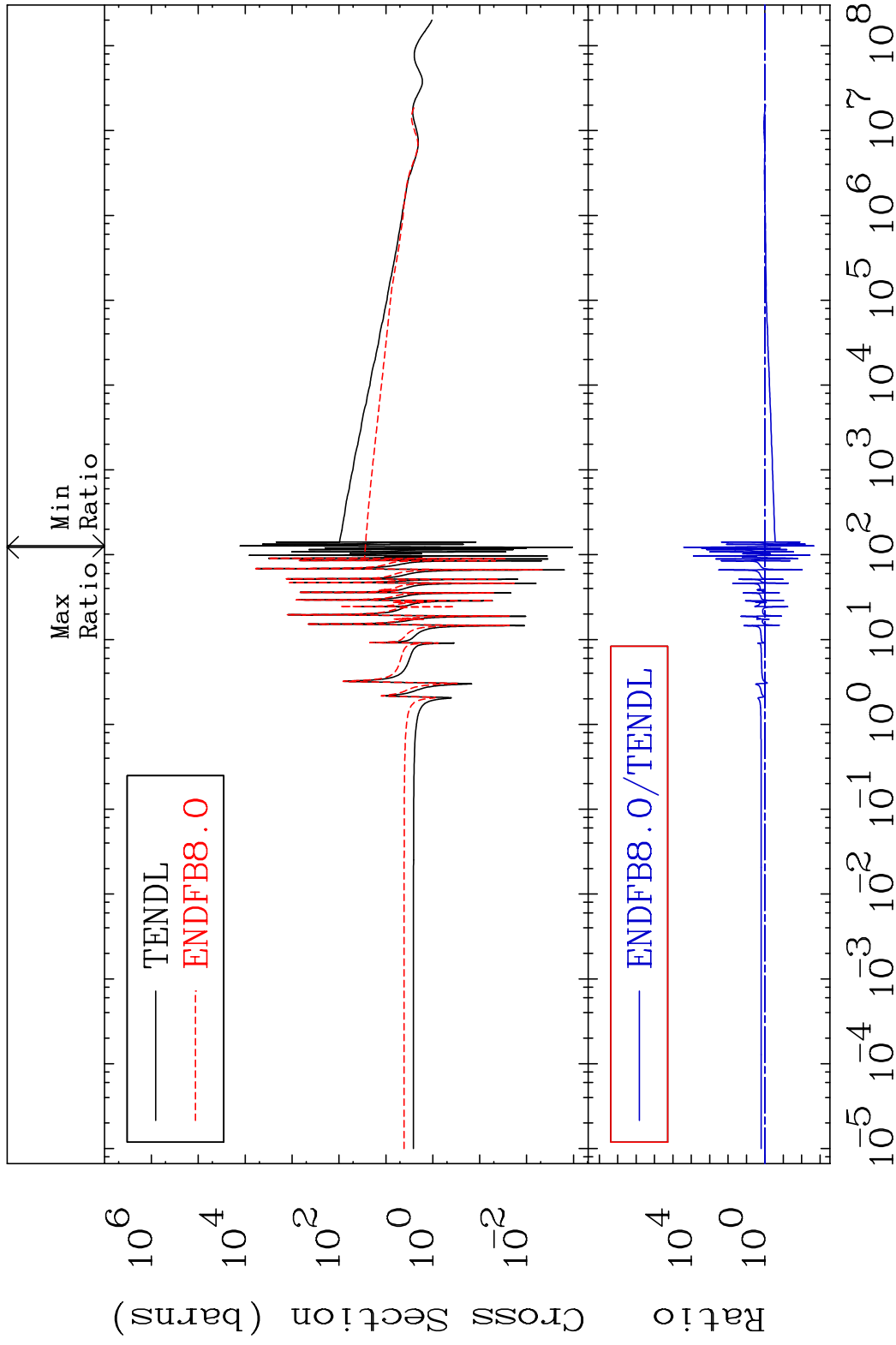
66-Dy-156

MAT 6625

Elastic

66-Dy-156

Cross Section -99.79 To 9999. %

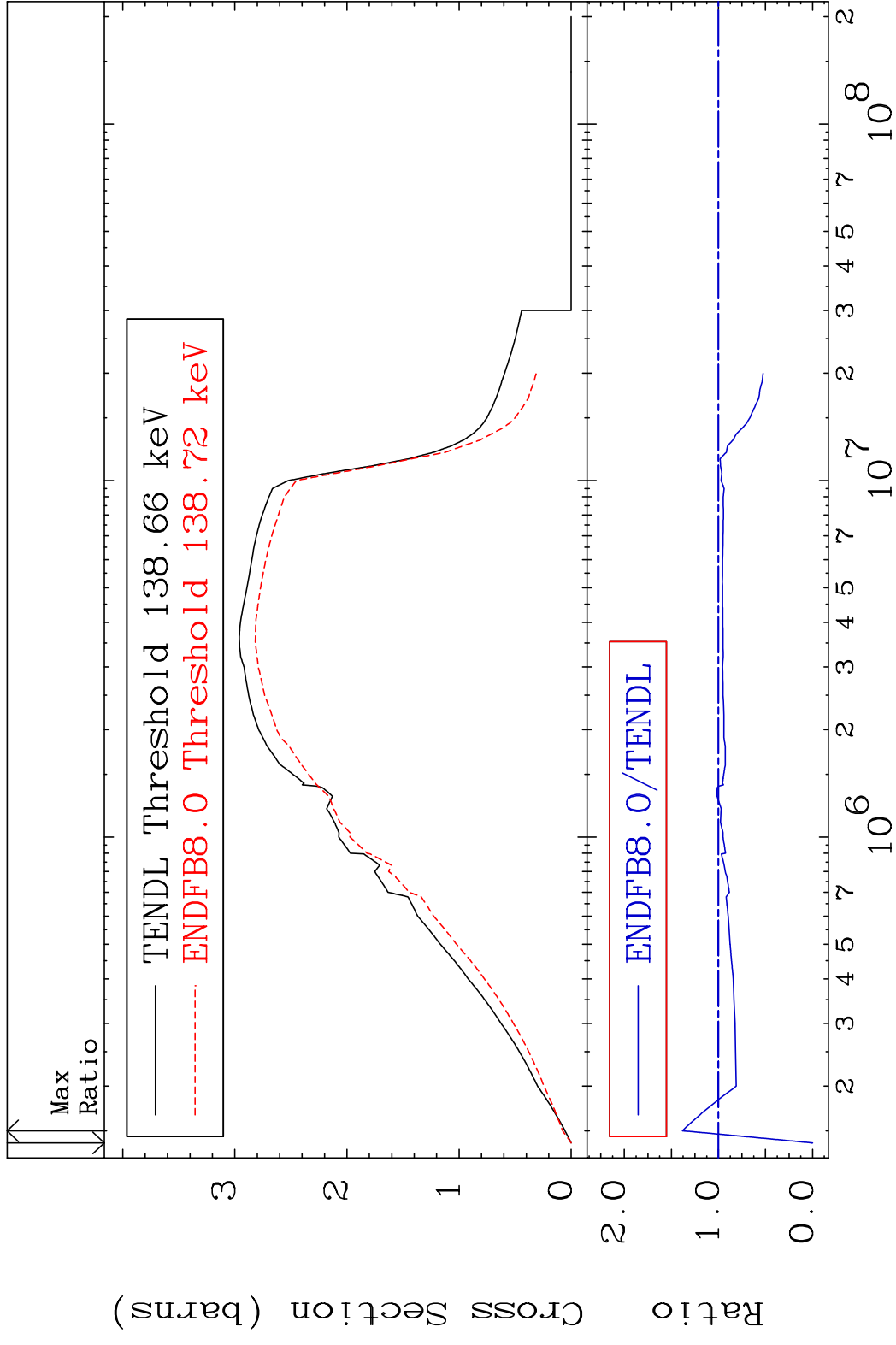


2

Incident Energy (eV)

66-Dy-156

MAT 6625 Inelastic 66-Dy-156
 Cross Section -100.0 To 38.35 %

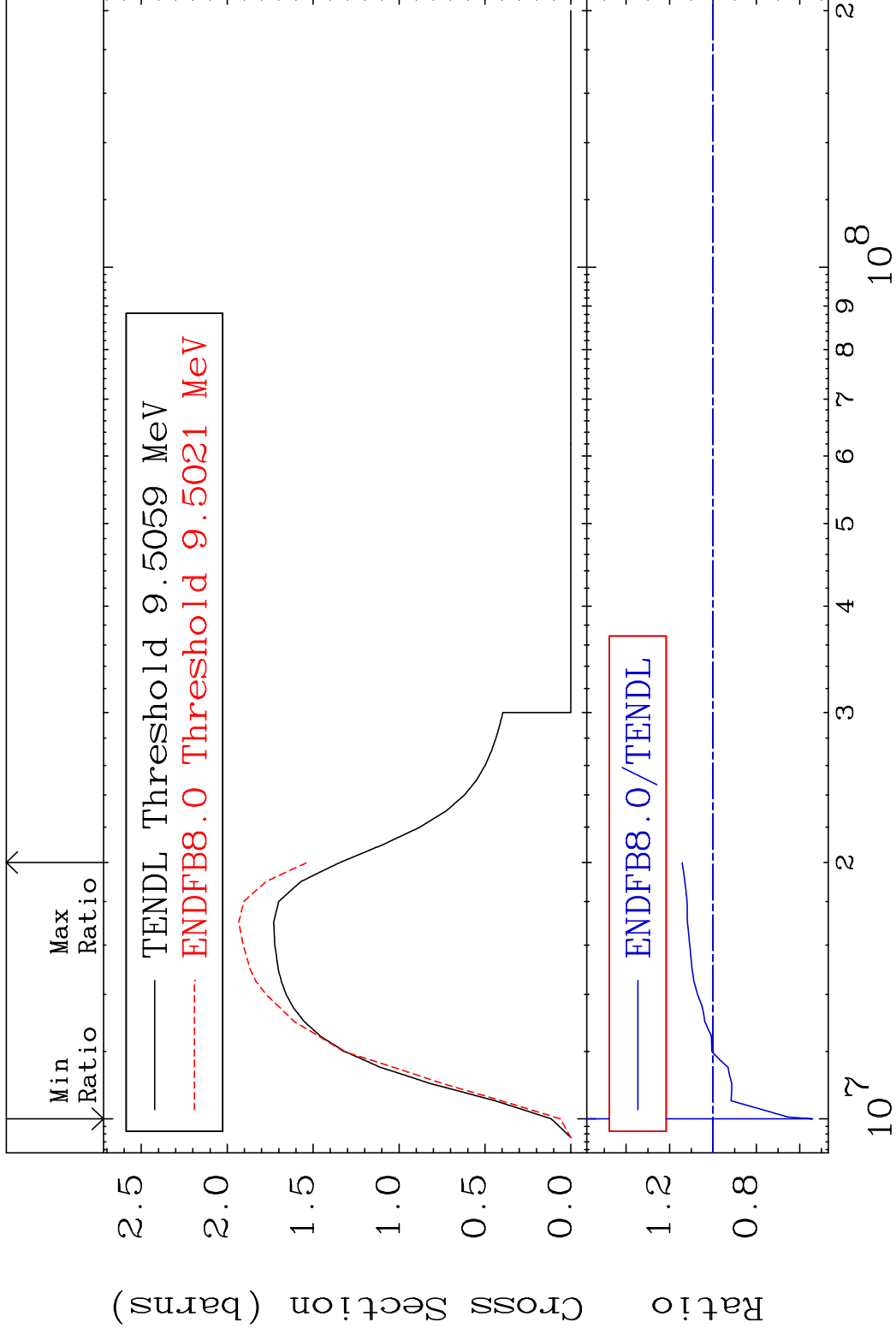


MAT 6625

(n,2n)

66-Dy-156

Cross Section -45.86 To 14.19 %



4

Incident Energy (eV)

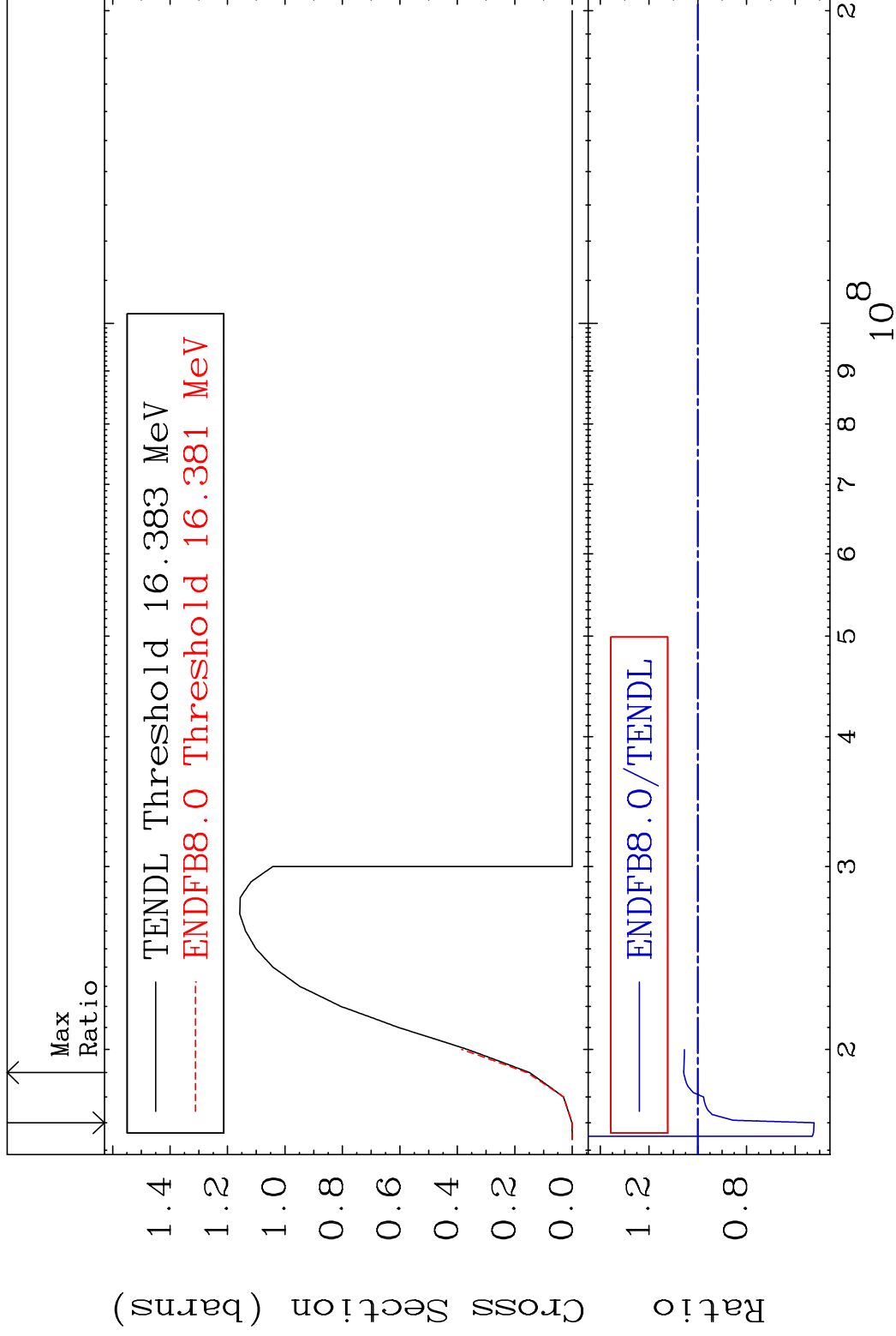
66-Dy-156

MAT 6625

(n,3n)

66-Dy-156

Cross Section -47.77 To 5.783 %



5

Incident Energy (eV)

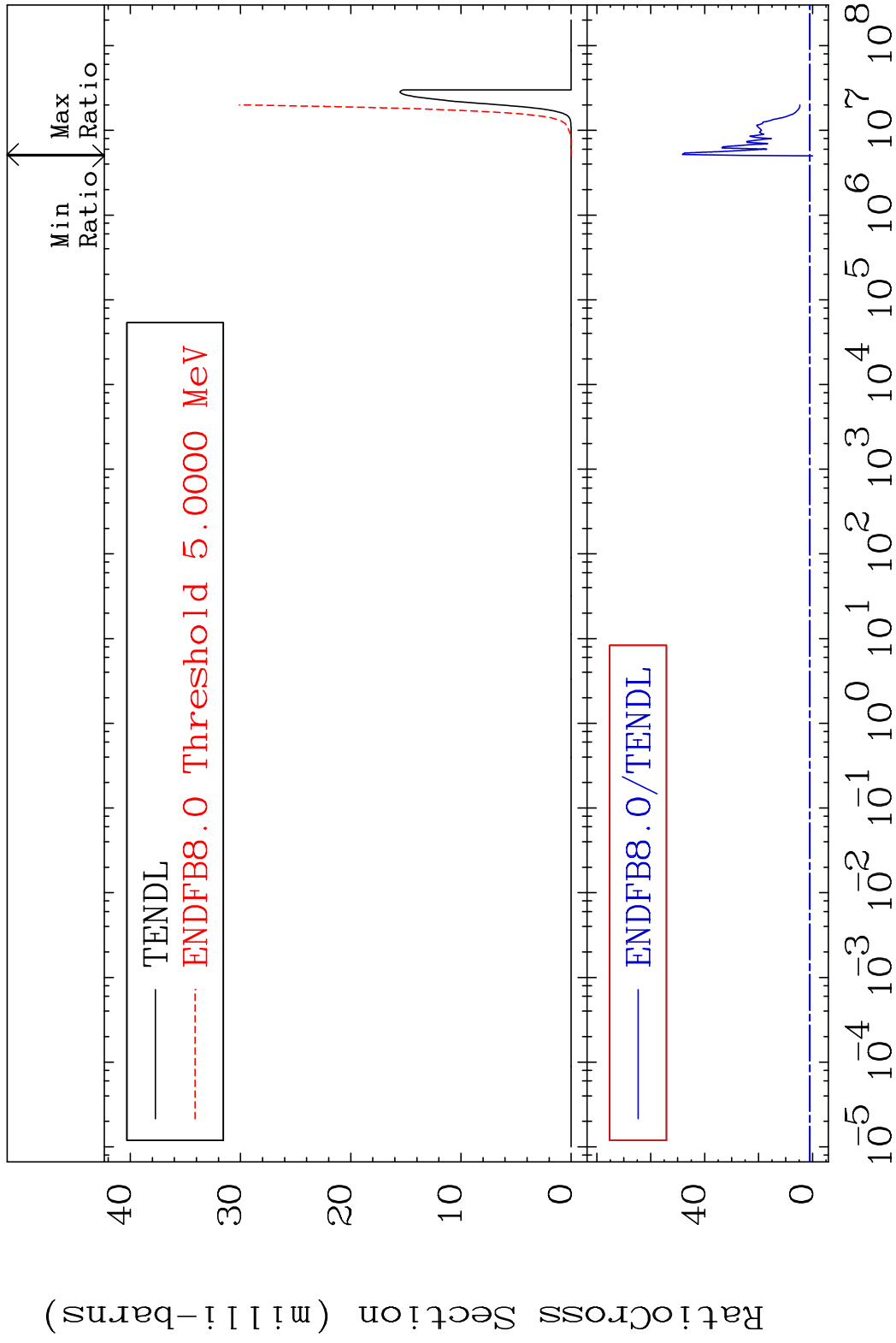
66-Dy-156

MAT 6625

(n, n') α

66-Dy-156

Cross Section -100.0 To 4728. %



6

Incident Energy (eV)

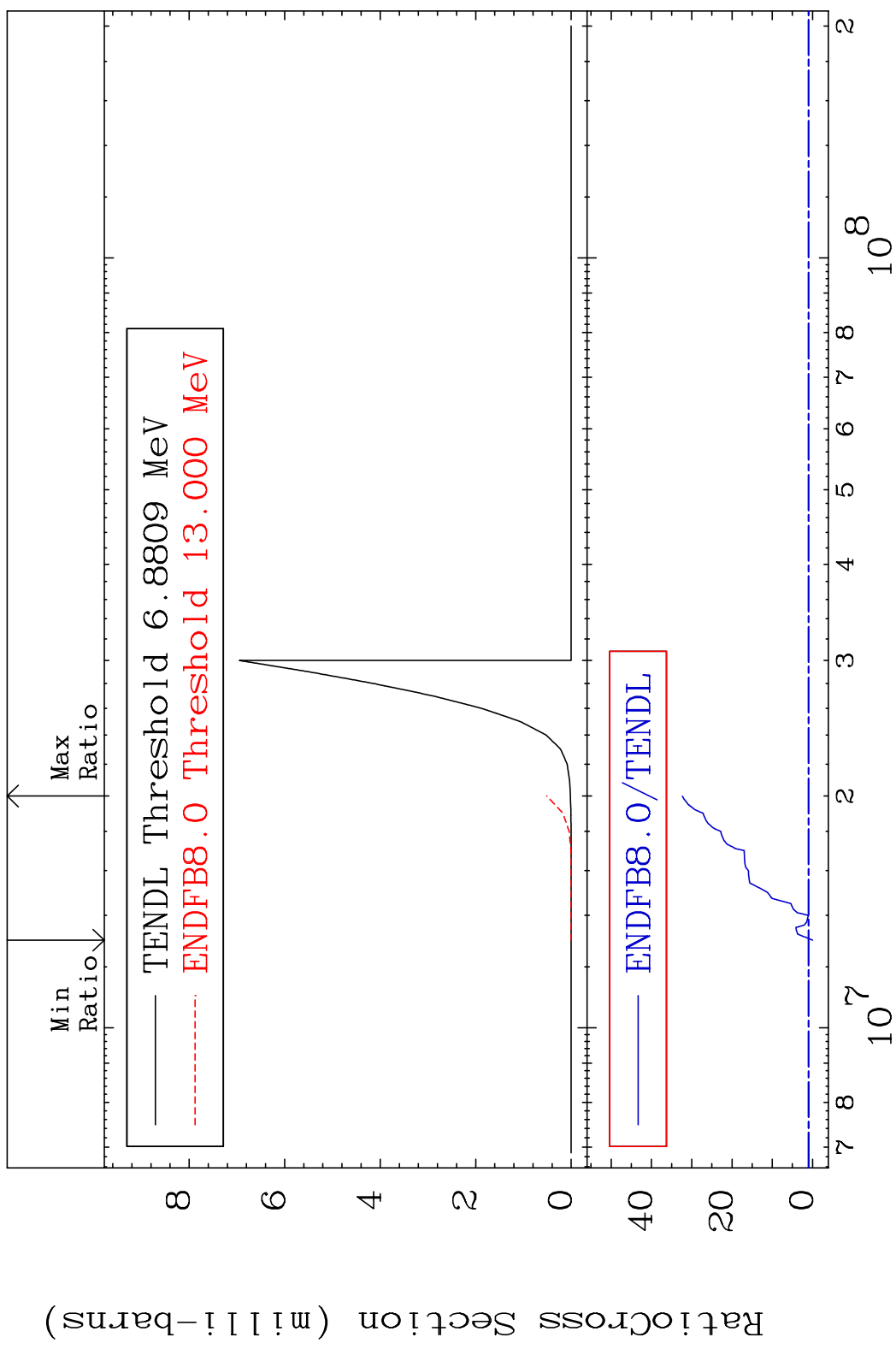
66-Dy-156

MAT 6625

(n,2n) α

66-Dy-156

Cross Section -100.0 To 3133. %



7

Incident Energy (eV)

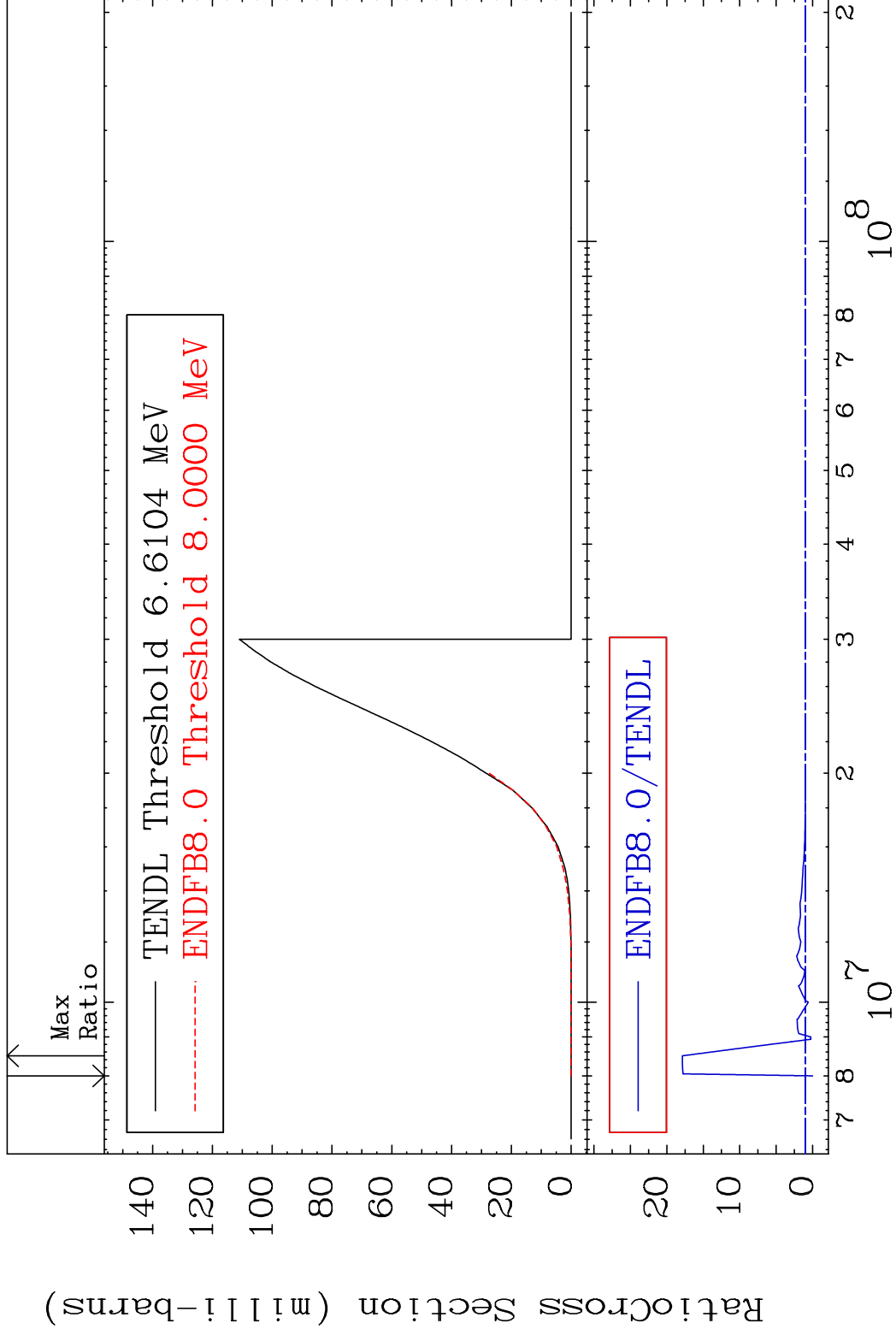
66-Dy-156

MAT 6625

(n, n') p

66-Dy-156

Cross Section -100.0 To 1687. %



8

Incident Energy (eV)

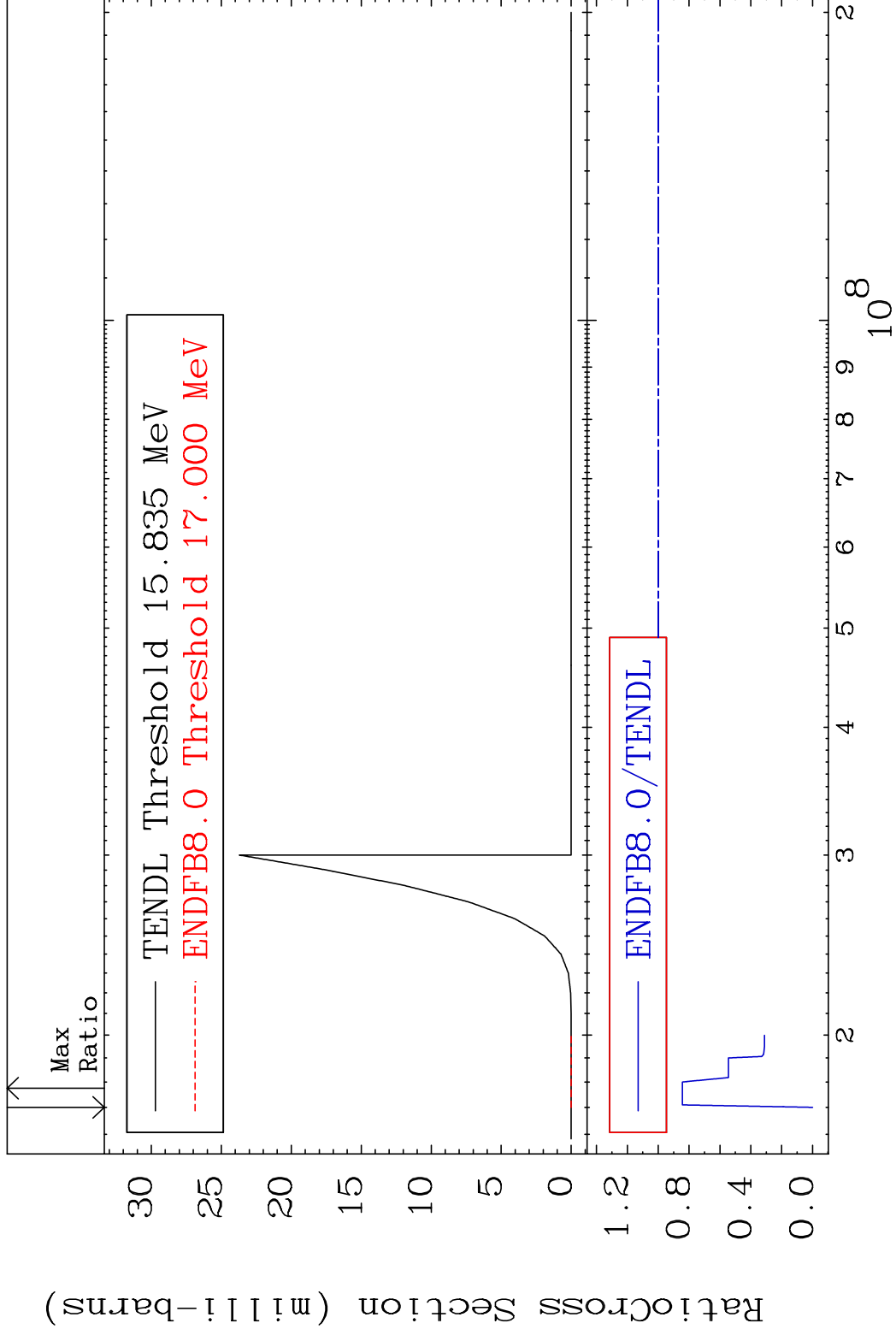
66-Dy-156

MAT 6625

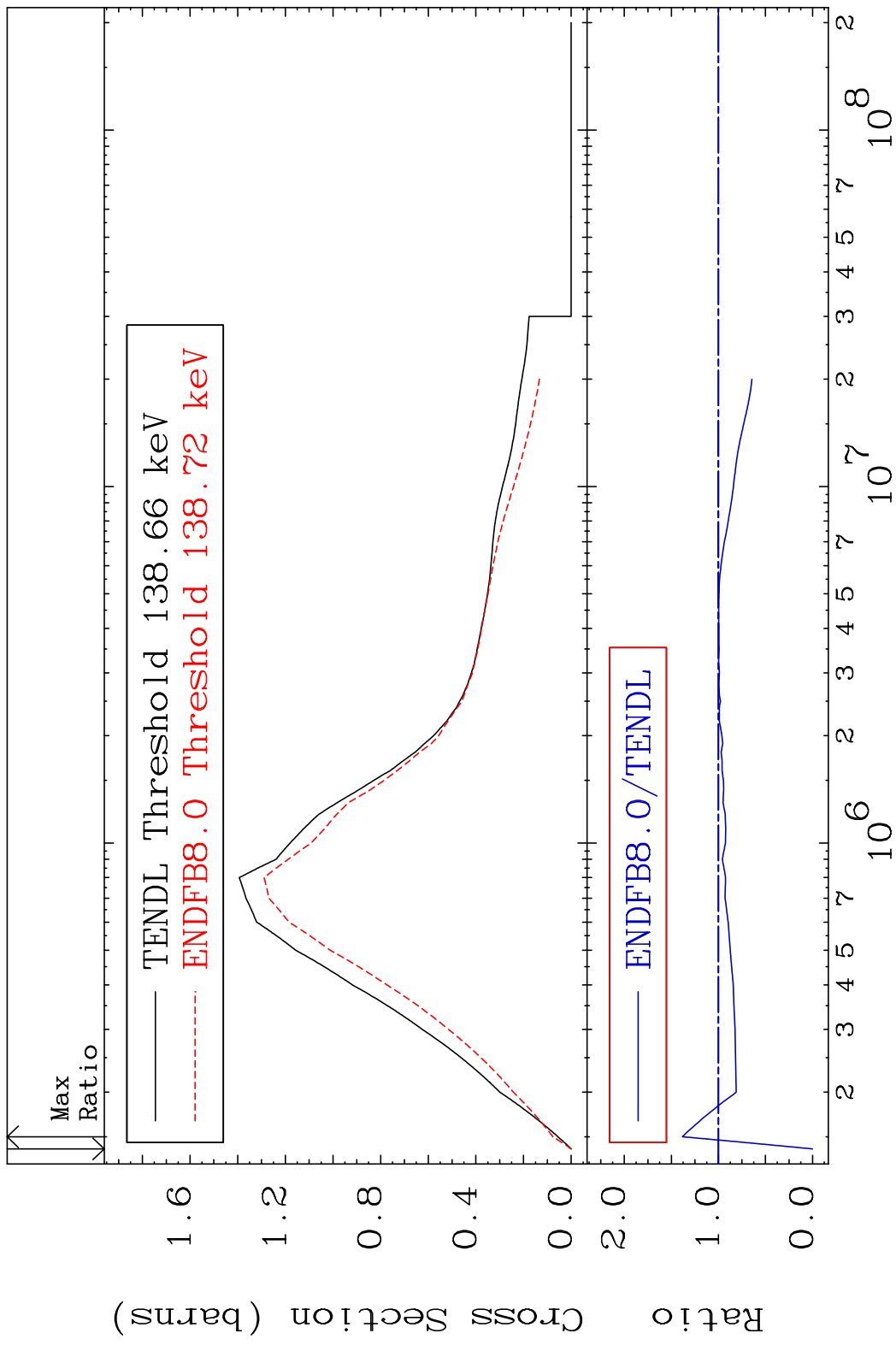
(n,2n) p

66-Dy-156

Cross Section -100.0 To -15.63%

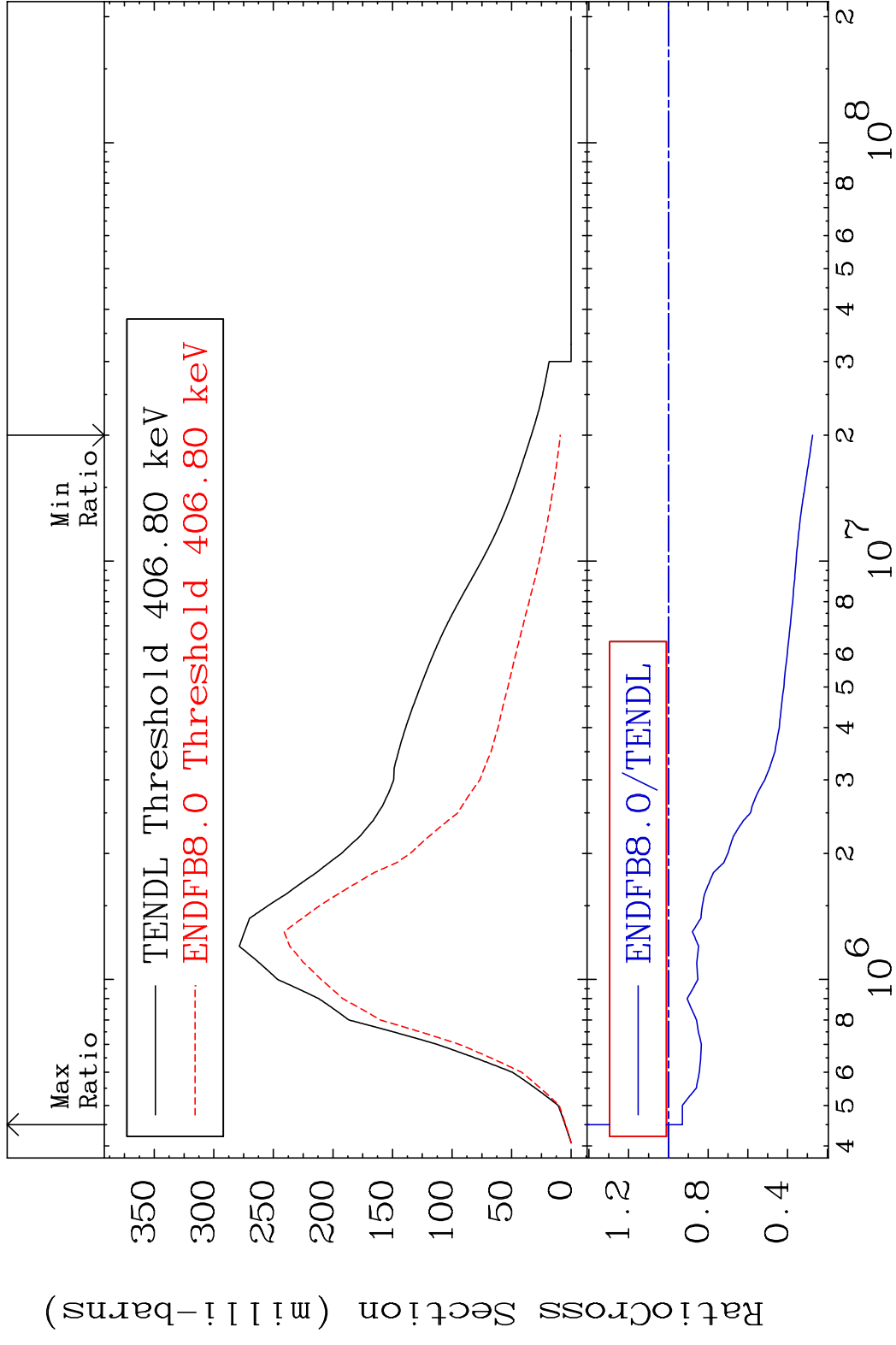


MAT 6625 MT= 51 (n,n') Level 66-Dy-156
 Cross Section -100.0 To 38.35 %

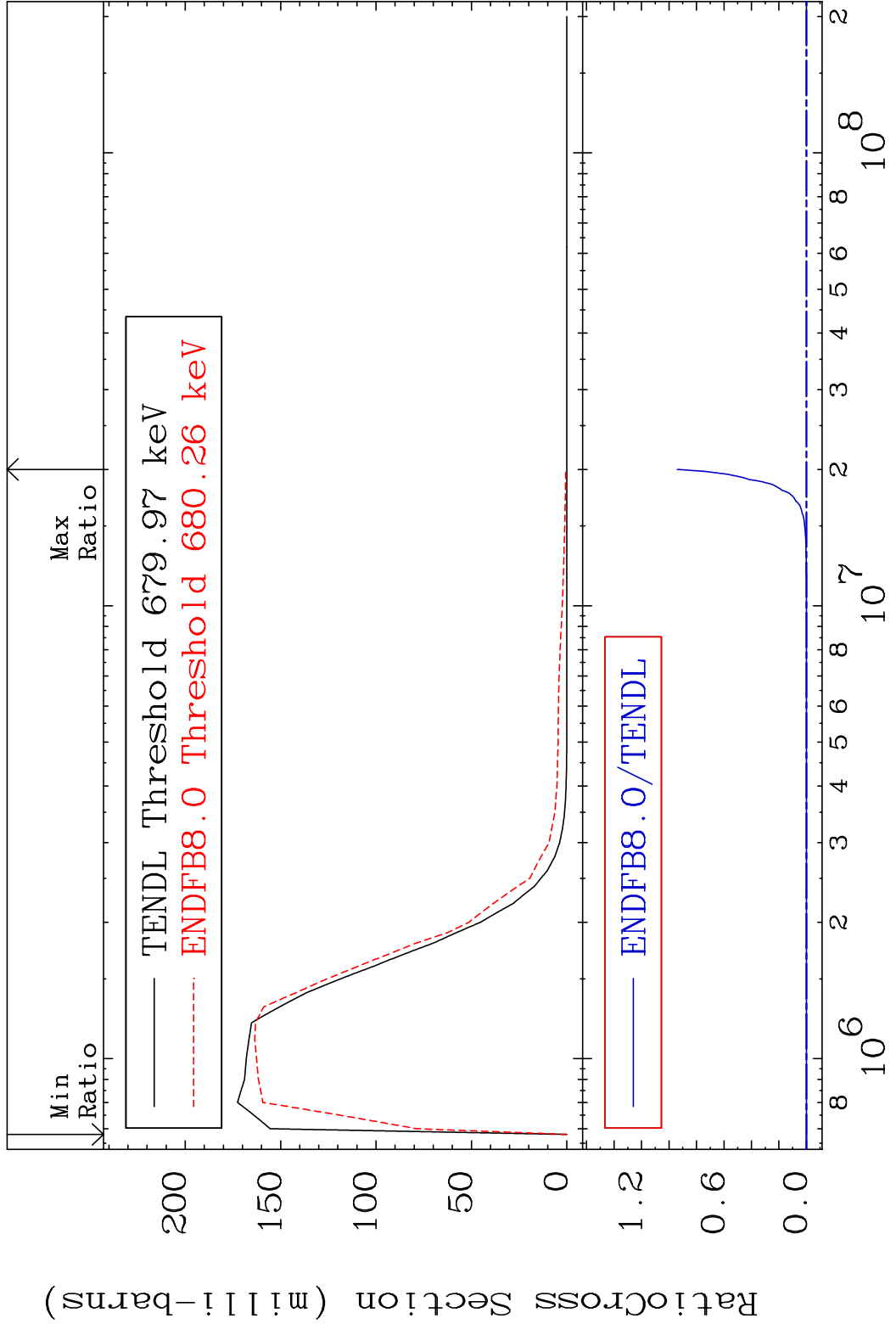


10 Incident Energy (eV) 66-Dy-156

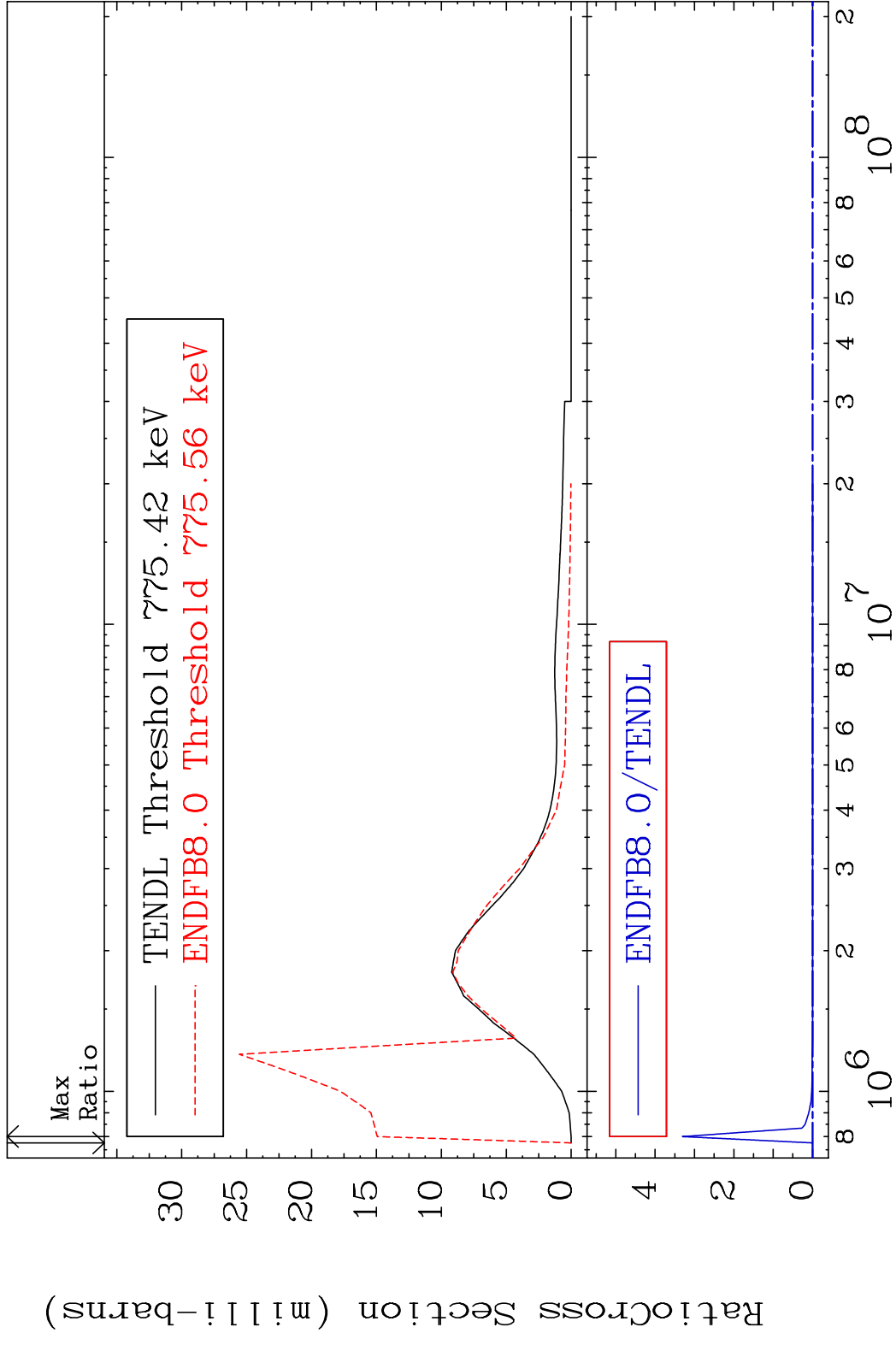
MAT 6625 MT= 52 (n, n') Level 66-Dy-156
 Cross Section -72.56 To -7.027%



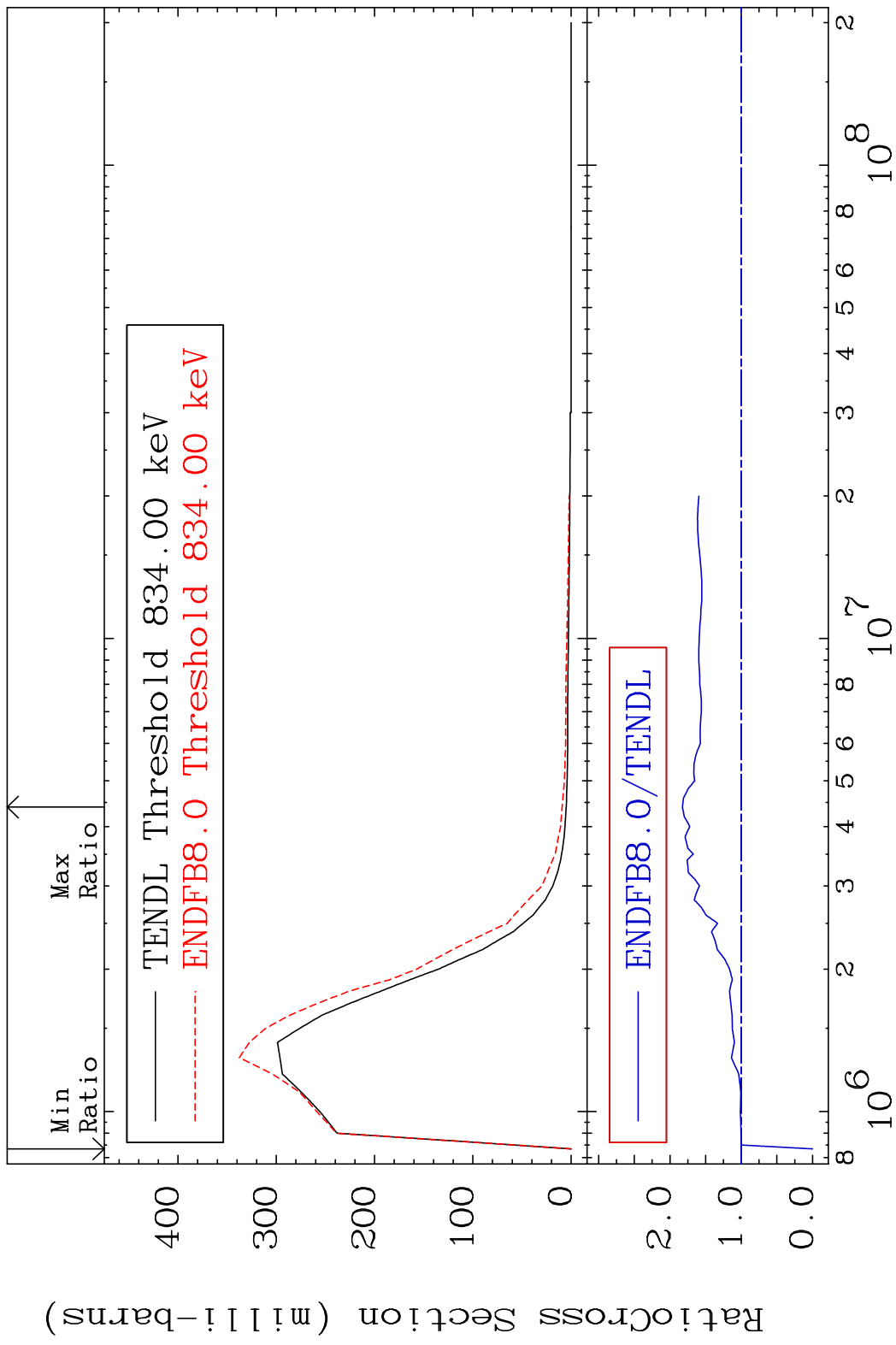
MAT 6625 MT= 53 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 9999. %



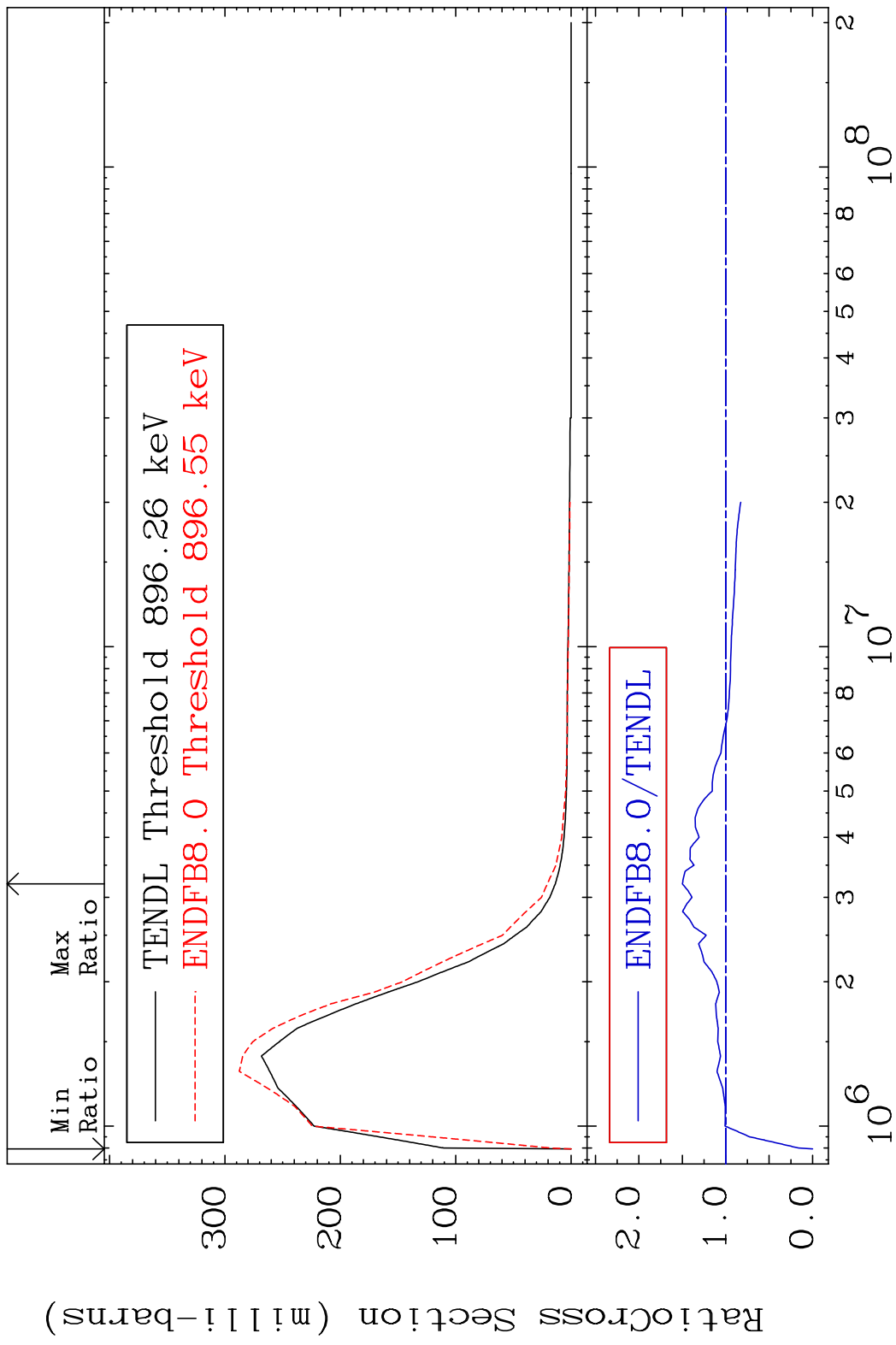
MAT 6625 MT= 54 (n,n') Level 66-Dy-156
 Cross Section -100.0 To 9999. %



MAT 6625 MT= 55 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 82.63 %

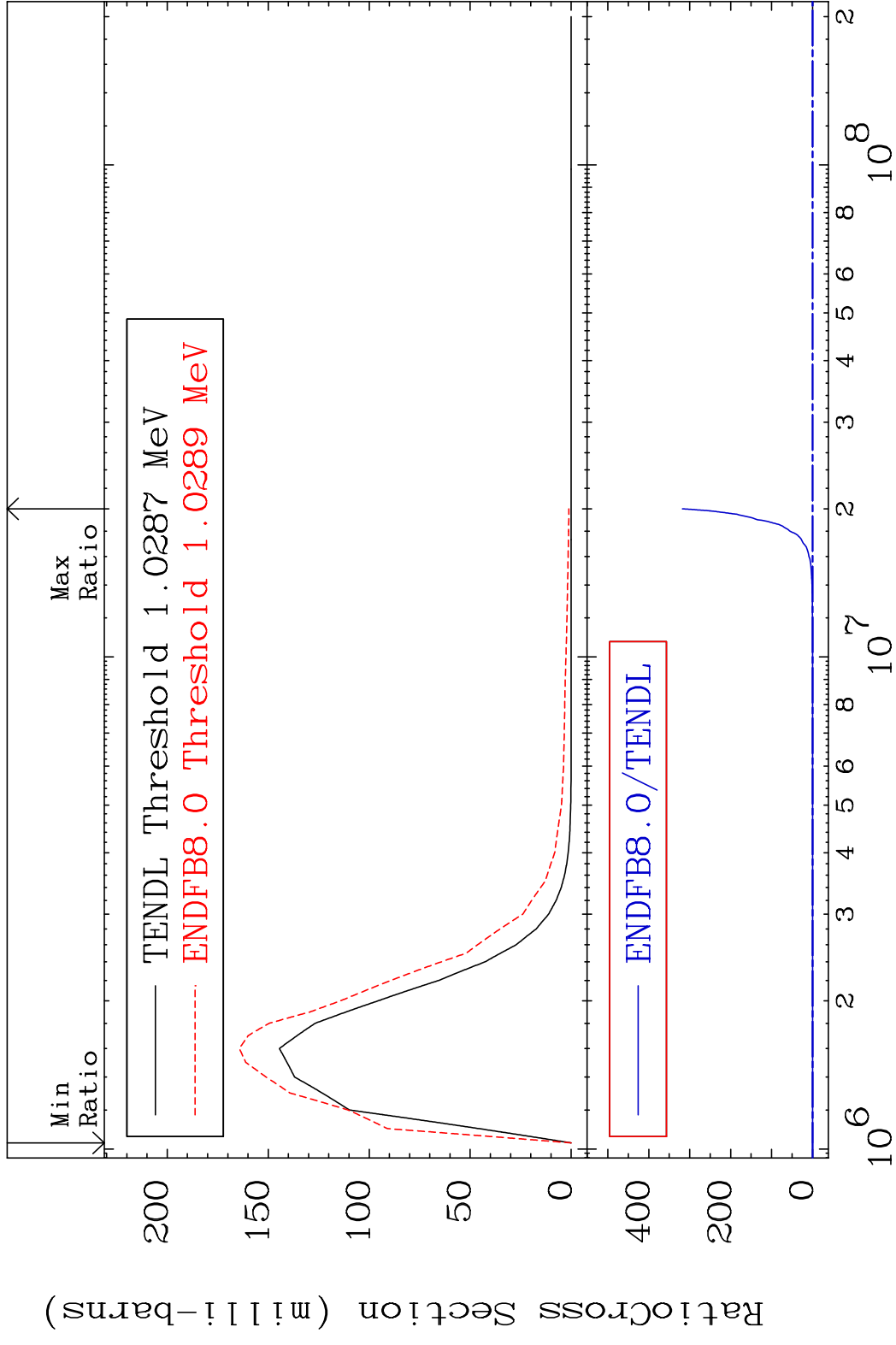


MAT 6625 MT= 56 (n,n') Level 66-Dy-156
 Cross Section -100.0 To 49.98 %



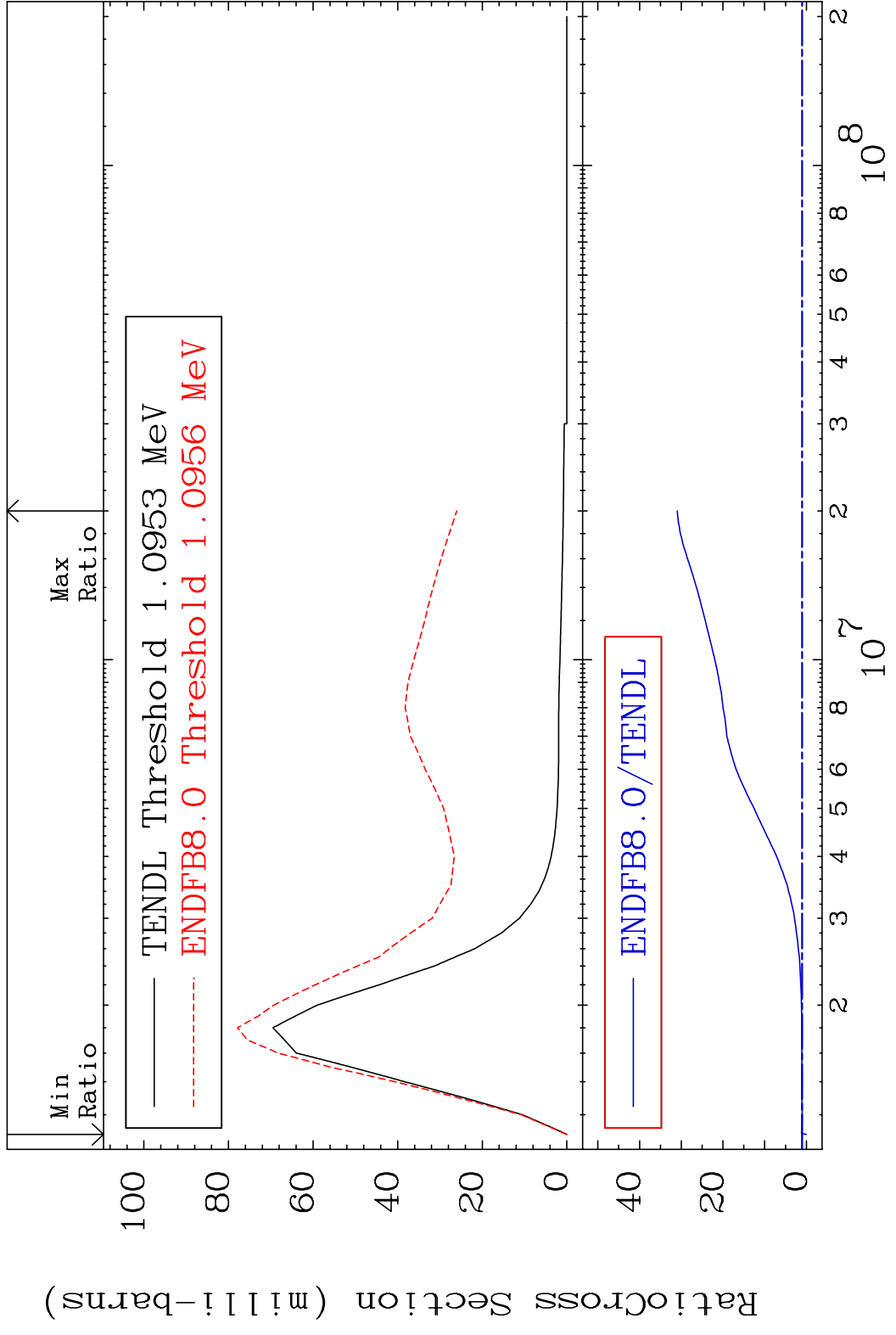
15 Incident Energy (eV) 66-Dy-156

MAT 6625 MT= 57 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 9999. %

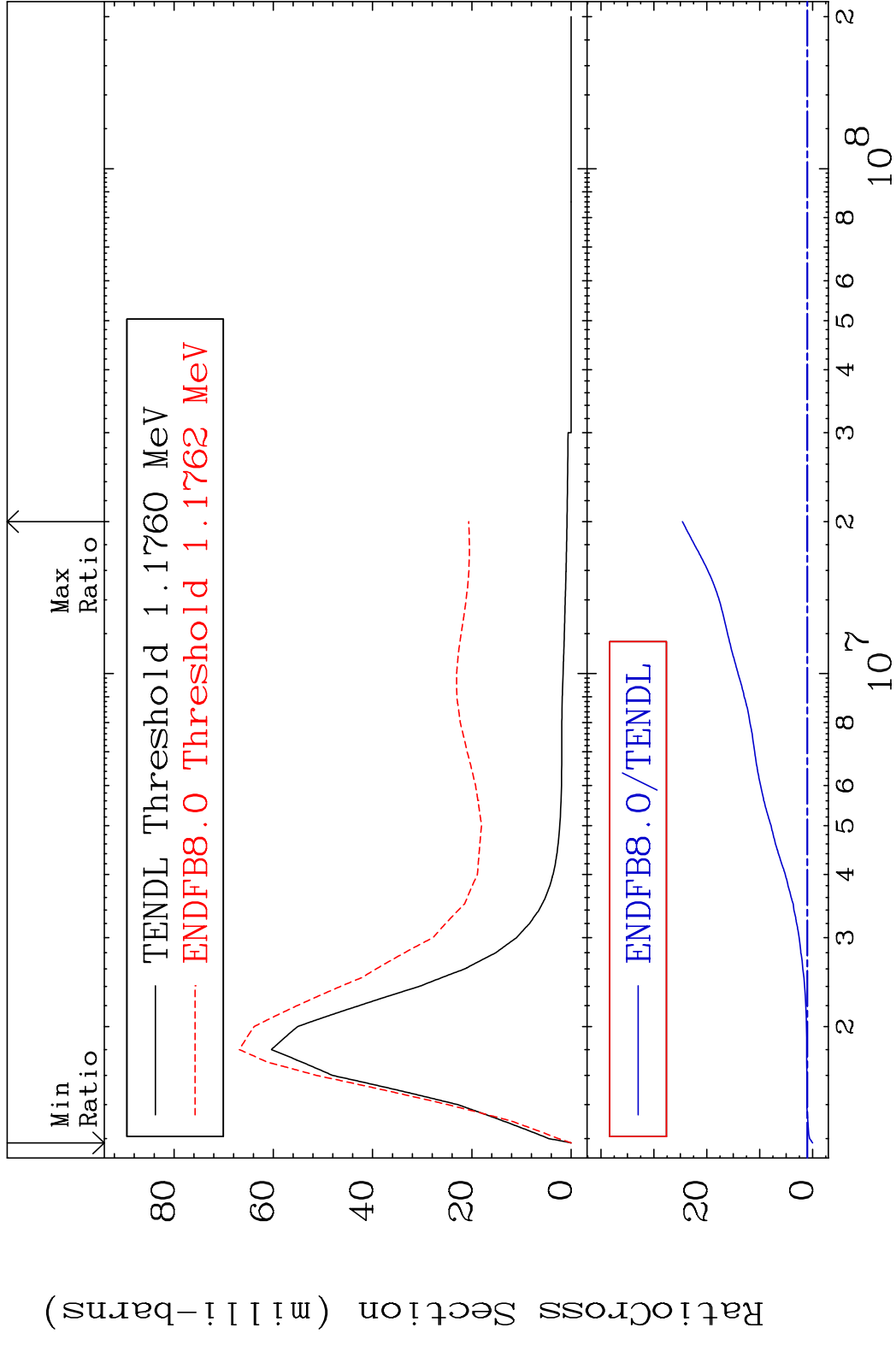


16 Incident Energy (eV) 66-Dy-156

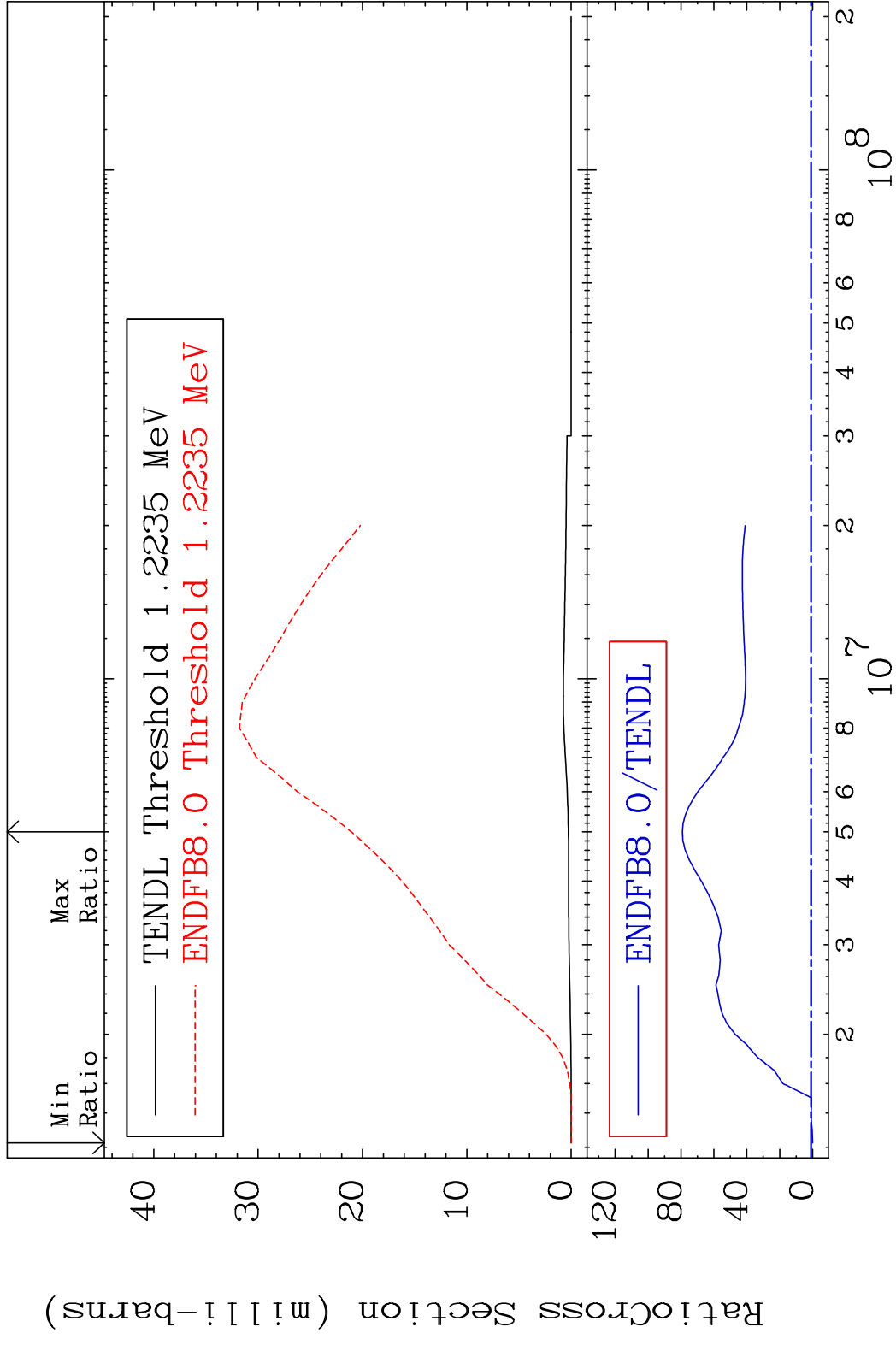
MAT 6625 MT= 58 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 2998. %



MAT 6625 MT= 59 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 2362. %



MAT 6625 MT= 60 (n, n') Level 66-Dy-156
 Cross Section -100.0 To 7818. %

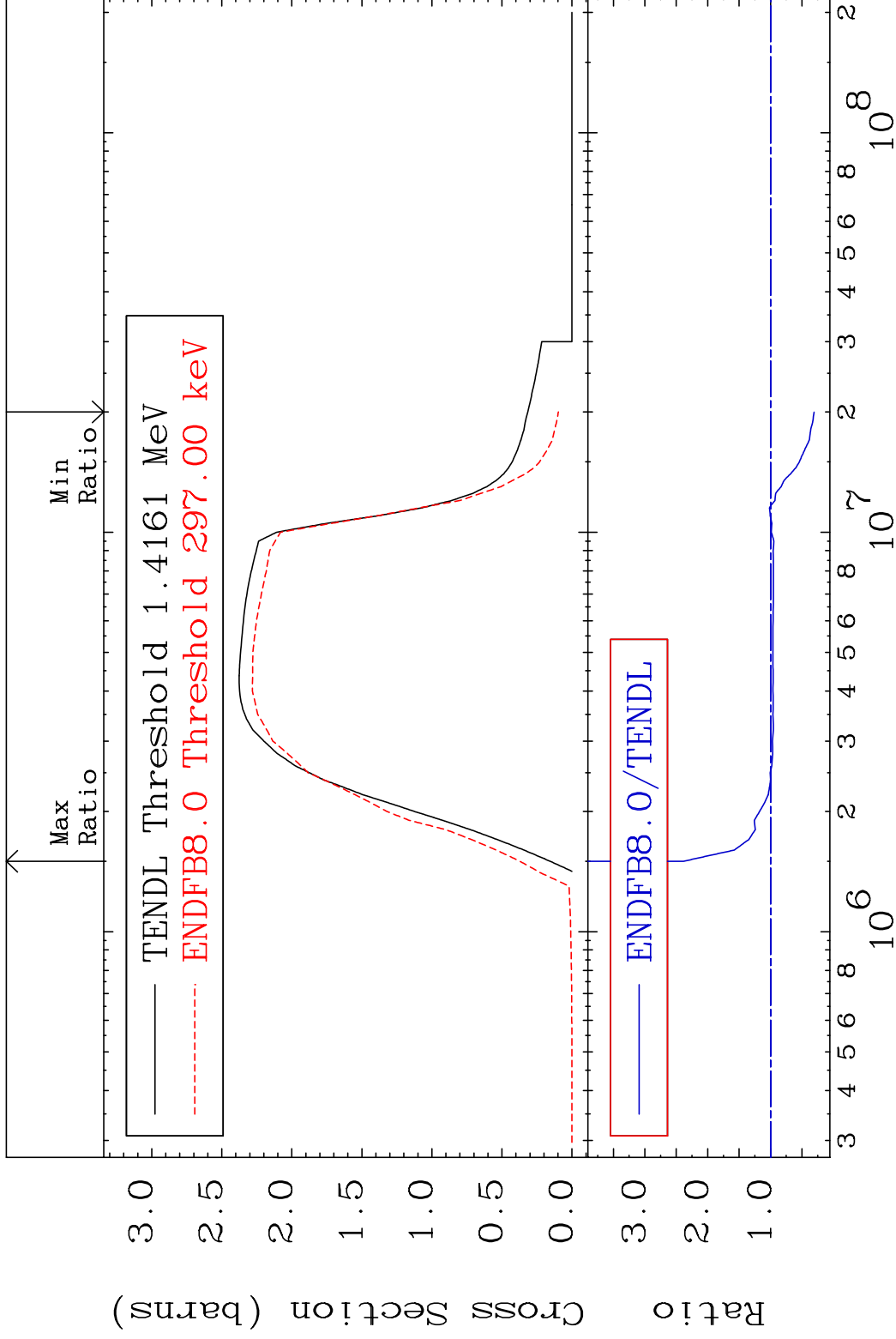


MAT 6625

(n, n') Continuum

66-Dy-156

Cross Section -69.17 To 138.6 %



20

Incident Energy (eV)

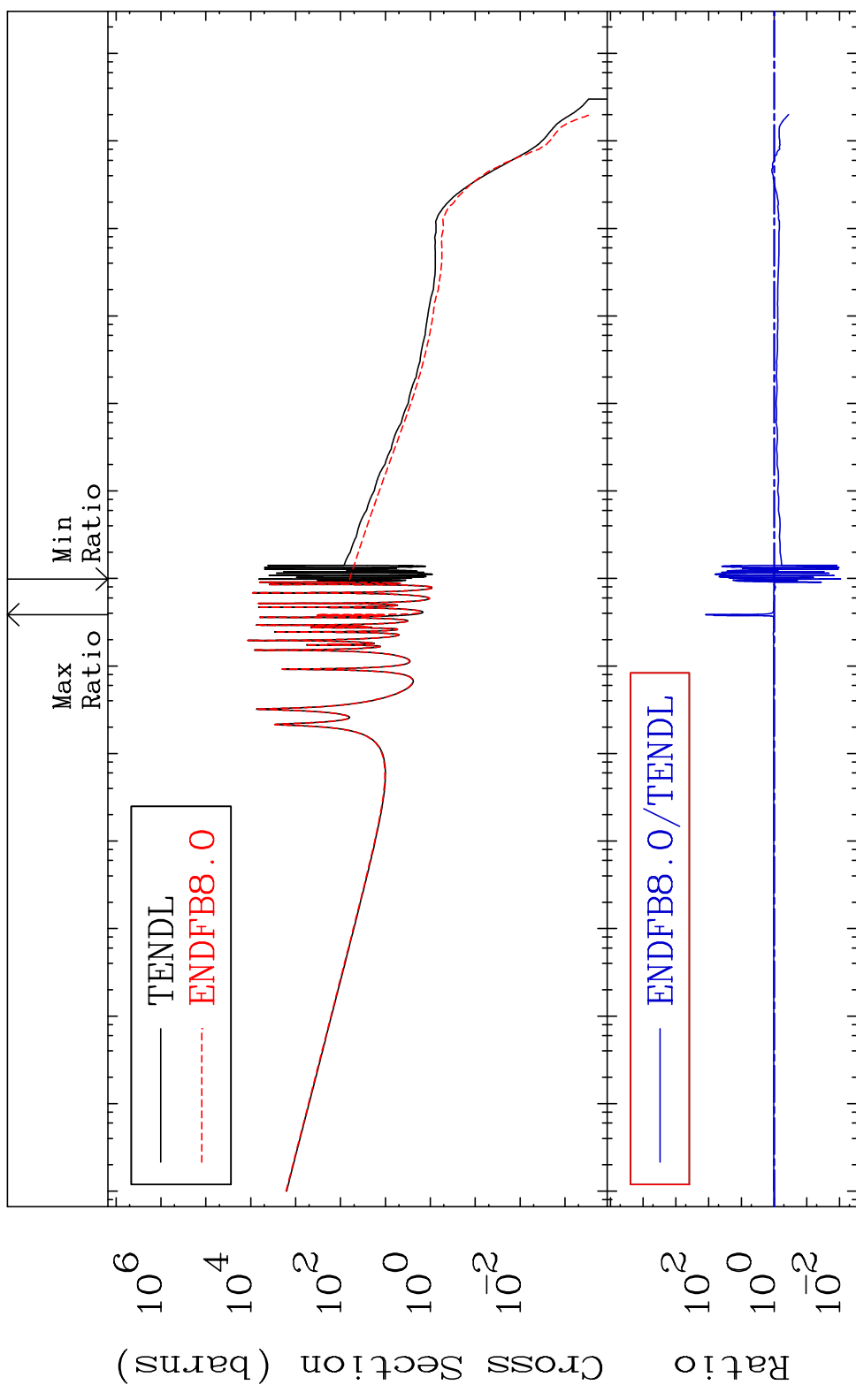
66-Dy-156

MAT 6625

(n, γ)

66-Dy-156

Cross Section -99.06 To 9999. %

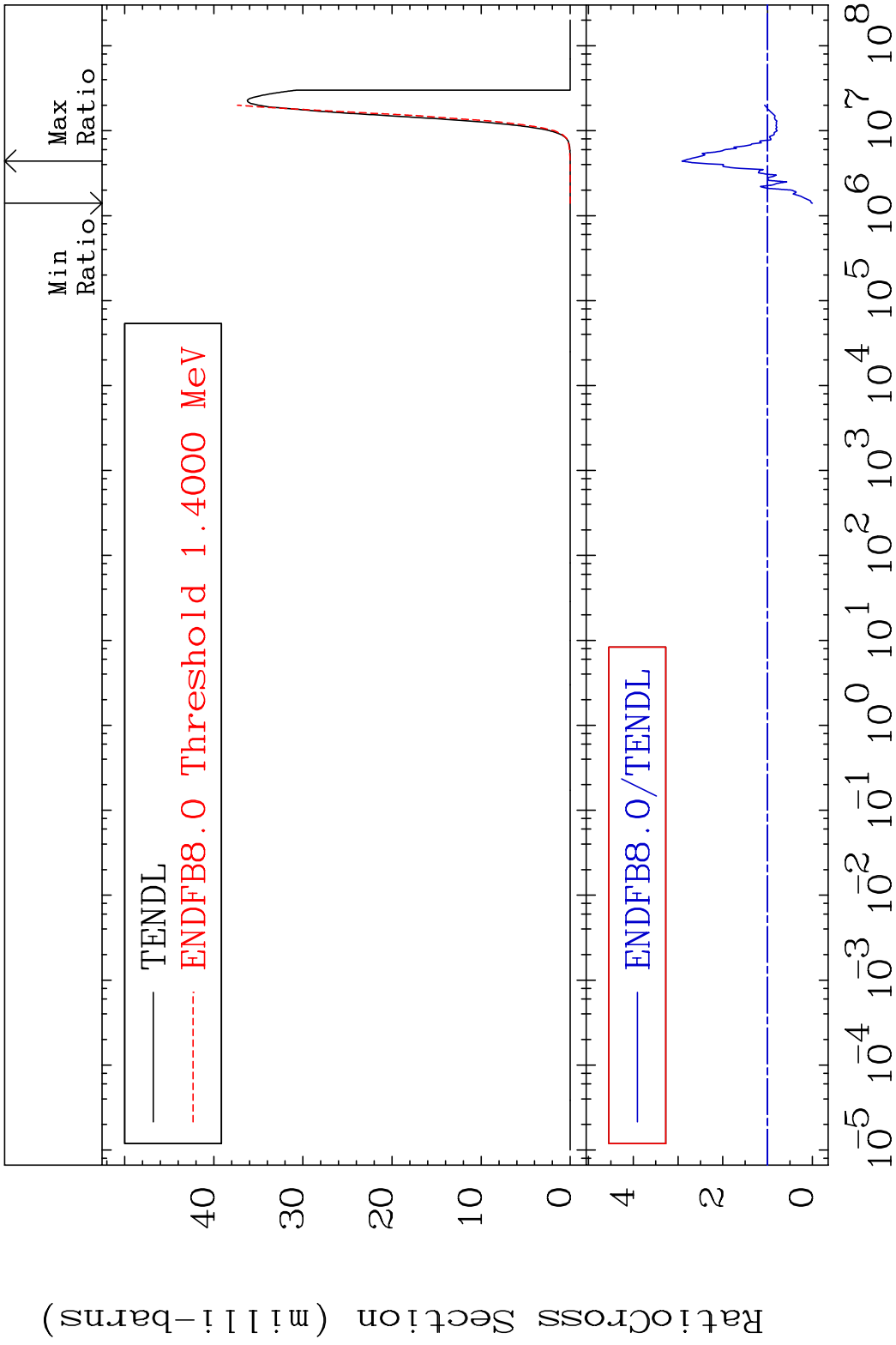


MAT 6625

(n, p)

66-Dy-156

Cross Section -100.0 To 191.8 %



22

Incident Energy (eV)

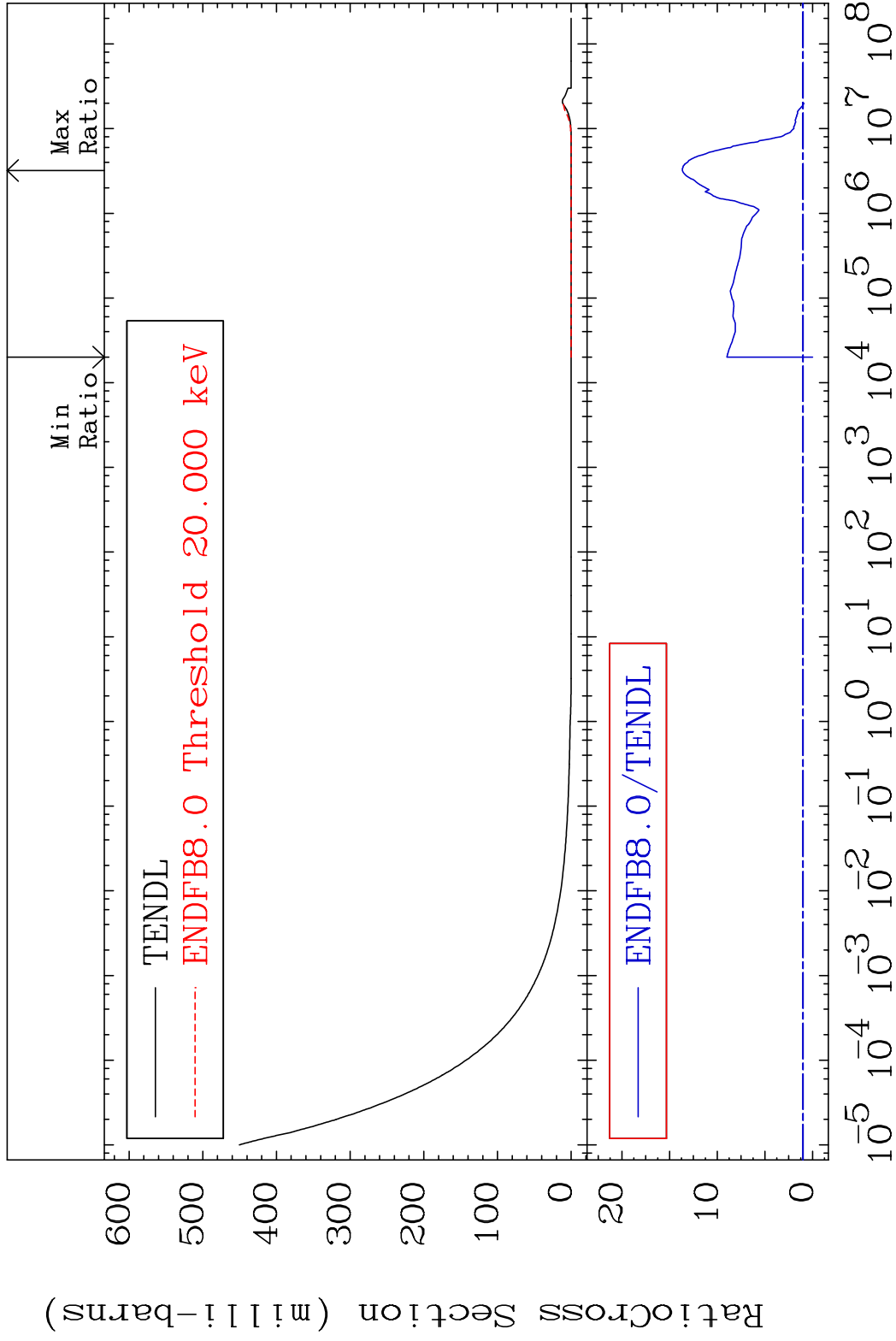
66-Dy-156

MAT 6625

(n, α)

66-Dy-156

Cross Section -100.0 To 1266. %



23

Incident Energy (eV)

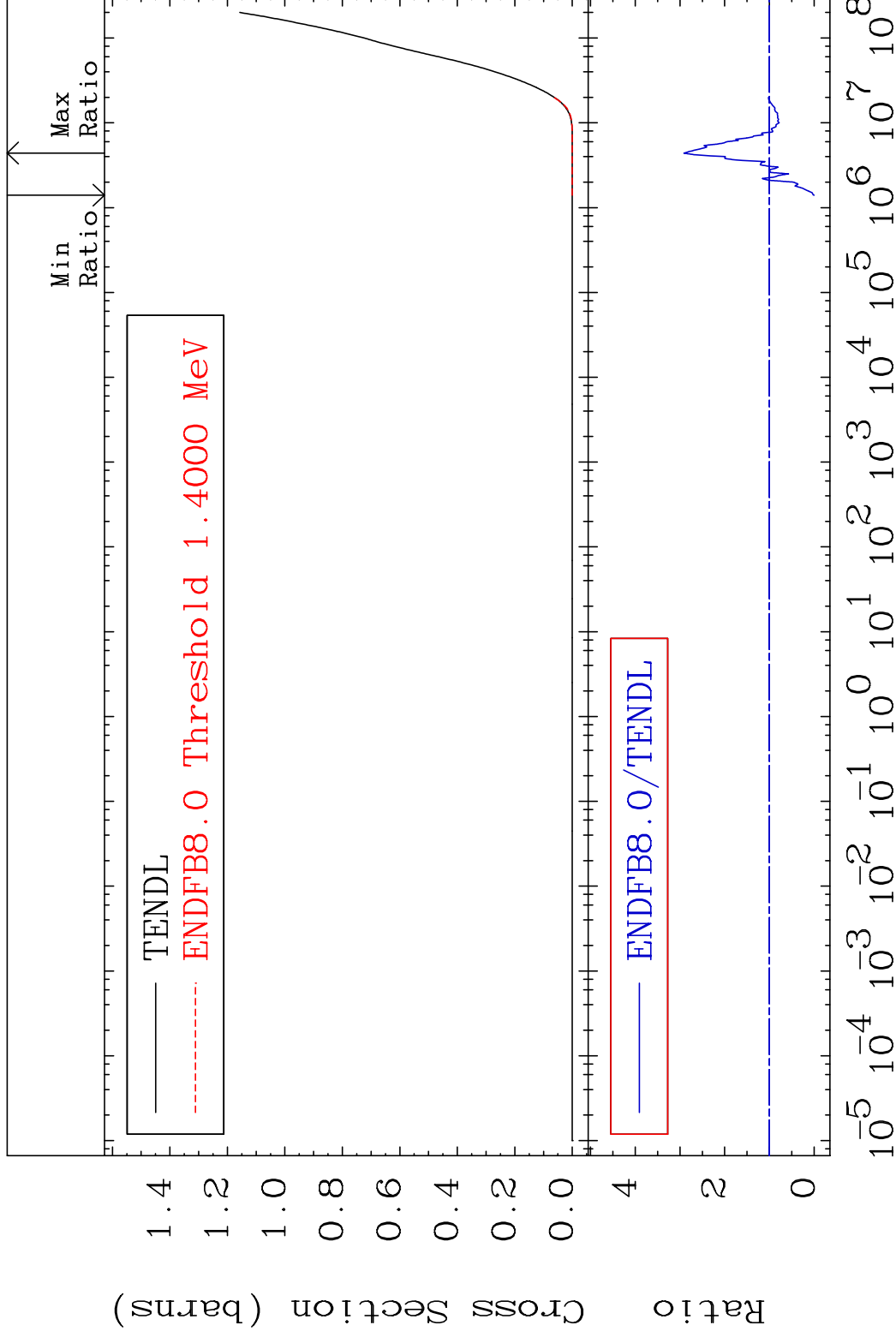
66-Dy-156

MAT 6625

Hydrogen Production

66-Dy-156

Cross Section -100.0 To 191.8 %



24

Incident Energy (eV)

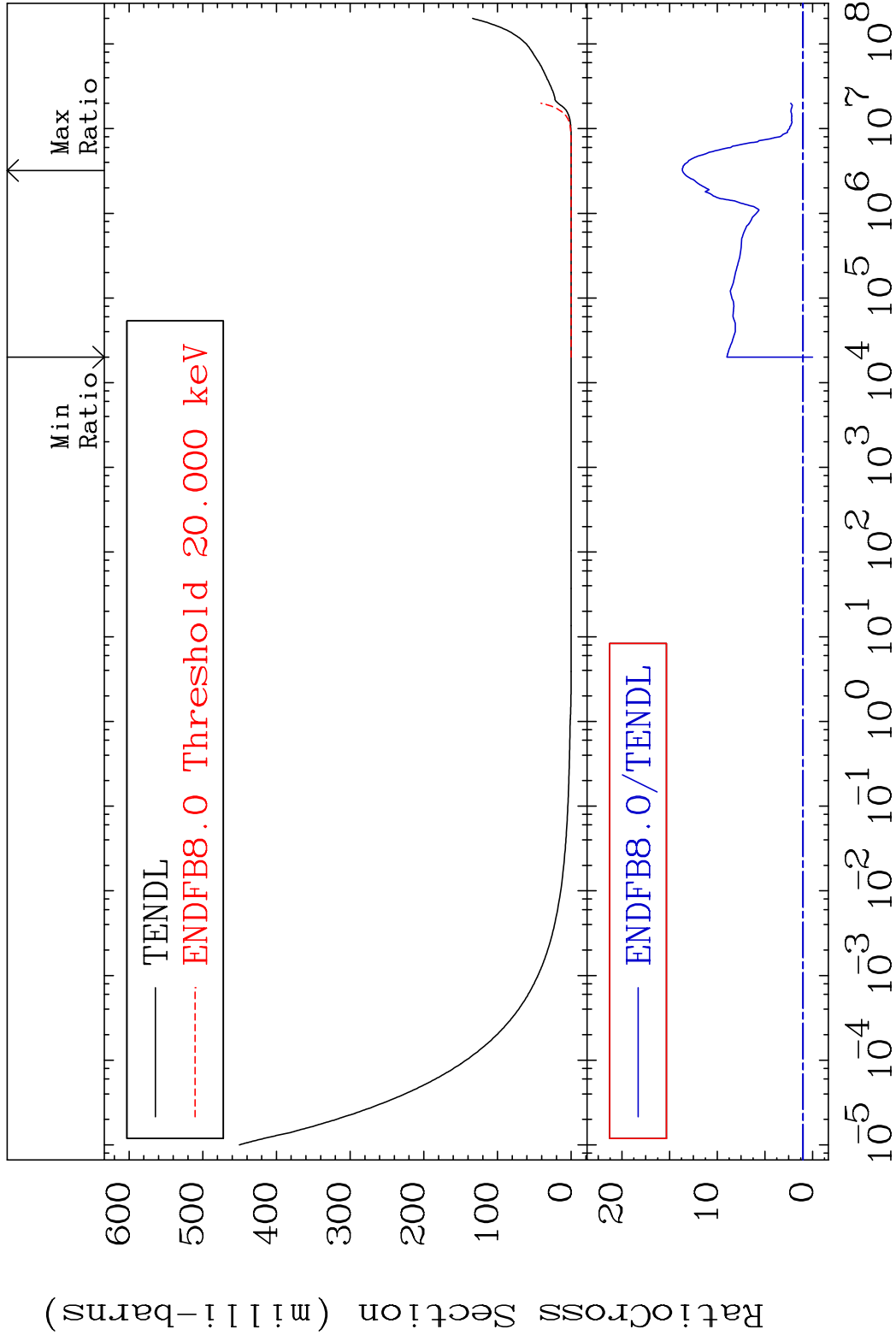
66-Dy-156

MAT 6625

He-4 Production

66-Dy-156

Cross Section -100.0 To 1266. %

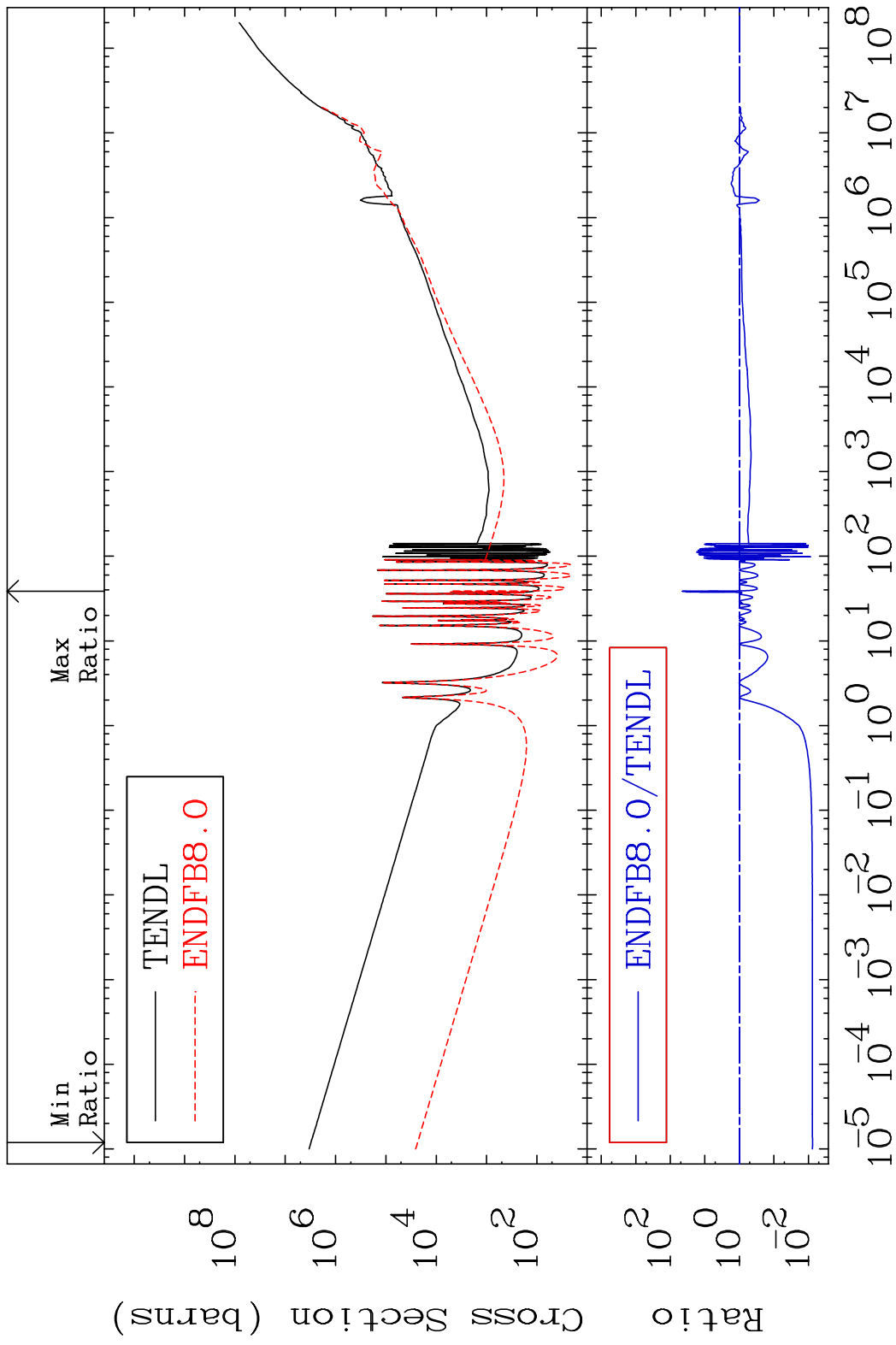


25

Incident Energy (eV)

66-Dy-156

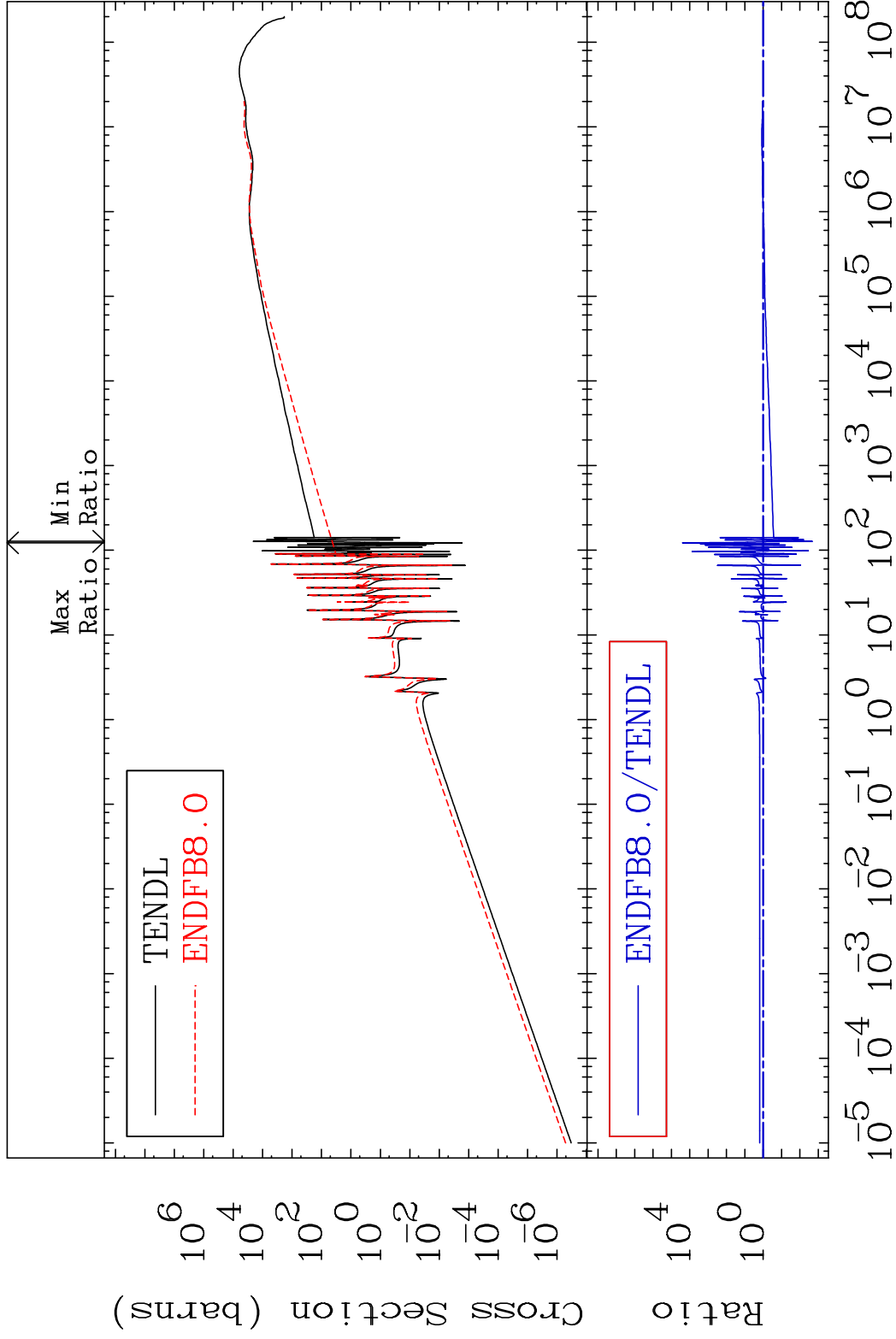
MAT 6625 Kerma total (eV-barns) 66-Dy-156
 Cross Section -99.24 To 4384. %



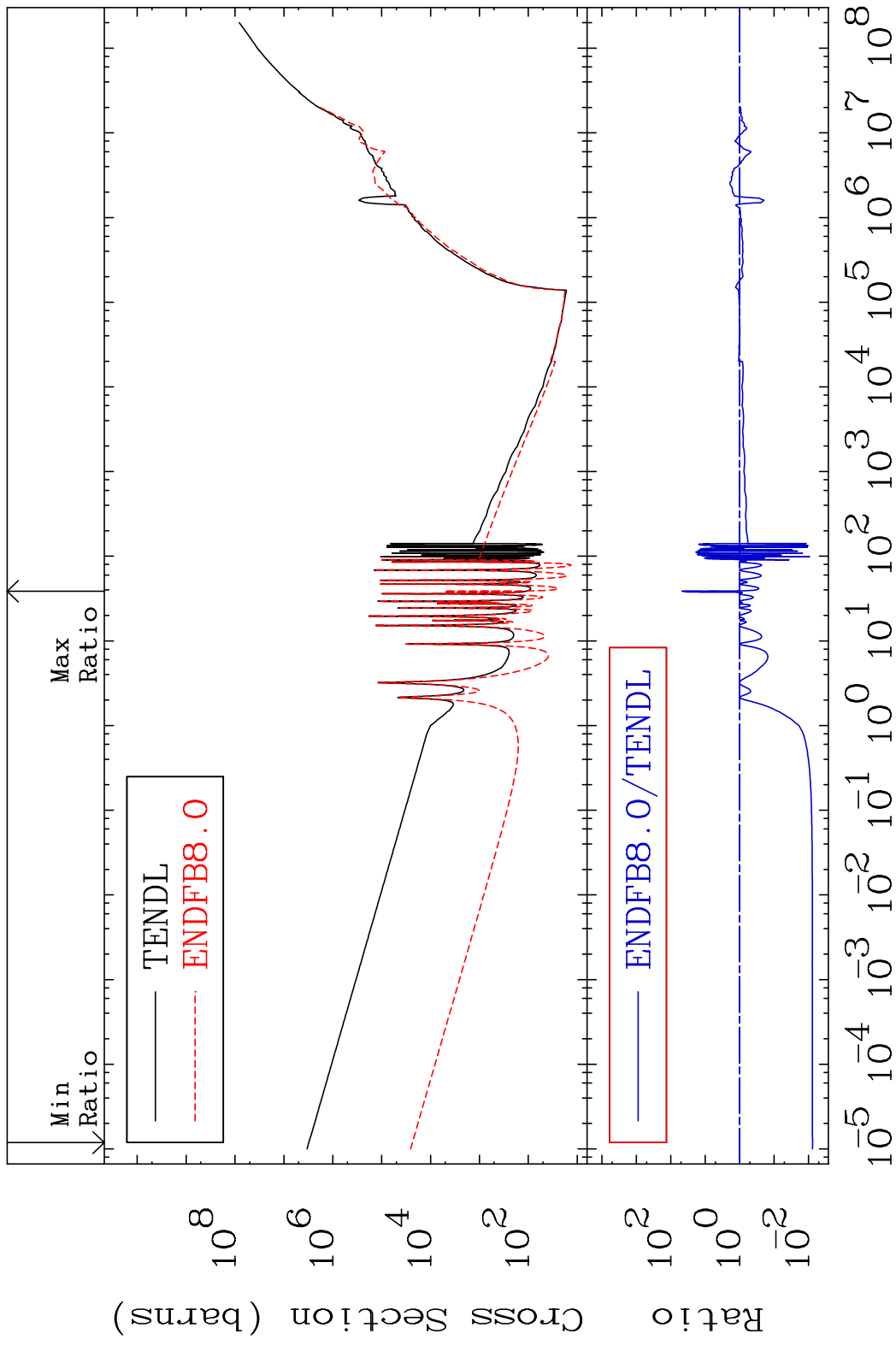
MAT 6625

Kerma elastic
Cross Section

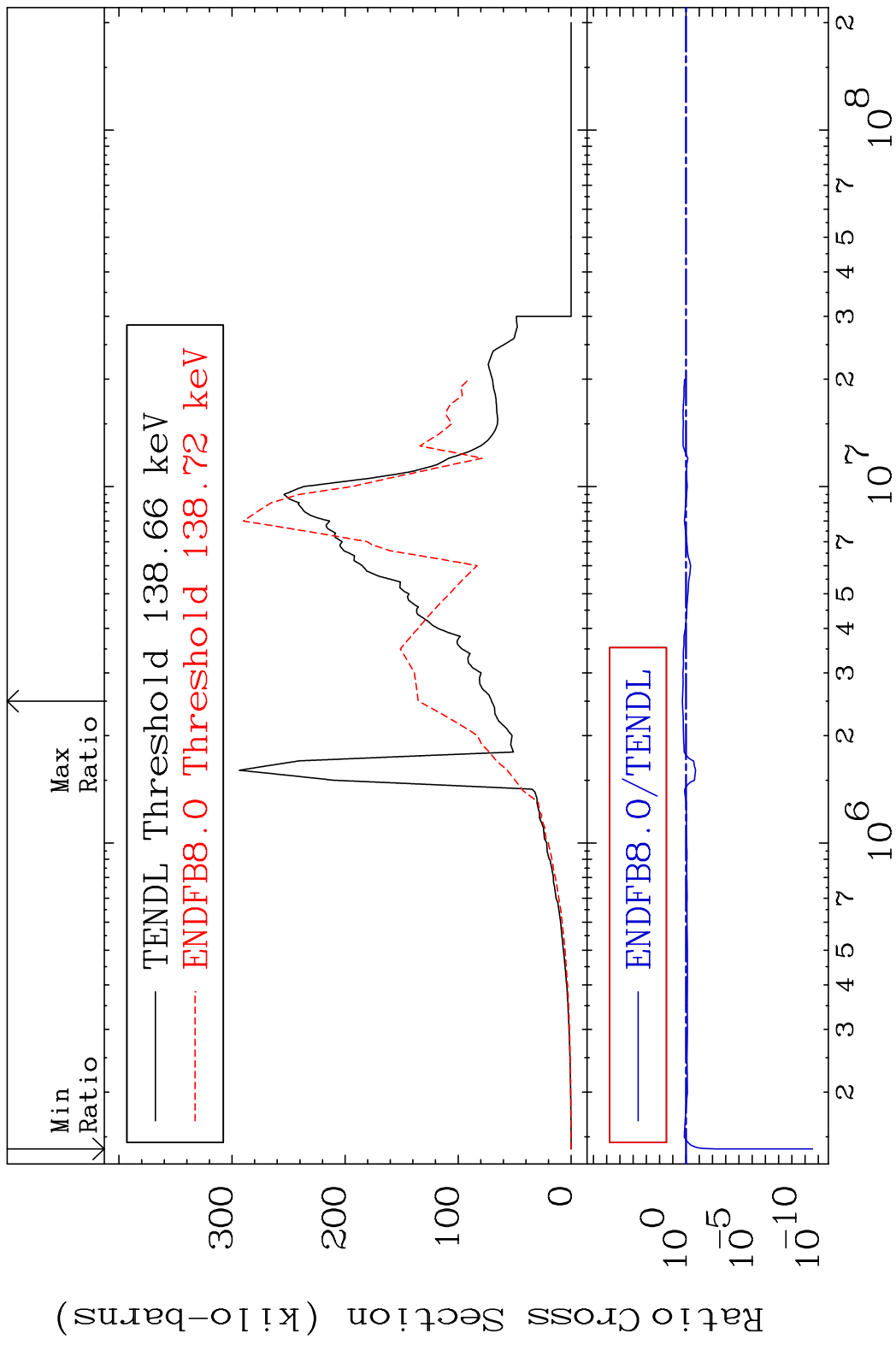
66-Dy-156
-99.79 To 9999. %



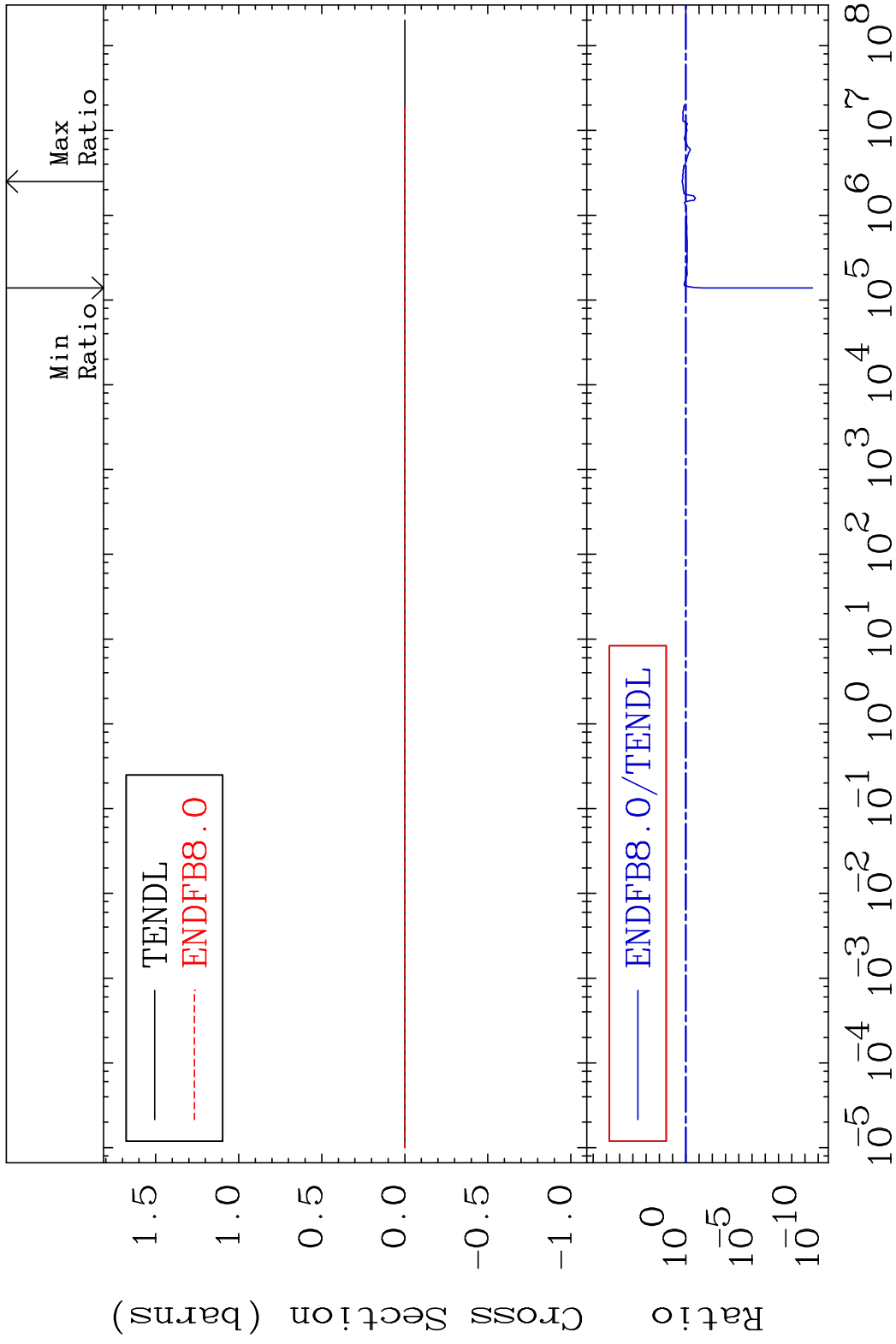
MAT 6625 Kerma non-elastic (all but mt2) 66-Dy-156
 Cross Section -99.24 To 4479. %



MAT 6625 Kerma inelastic (mt51-91) 66-Dy-156
 Cross Section -100.0 To 92.26 %



MAT 6625 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-156
 Cross Section -100.0 To 92.26 %

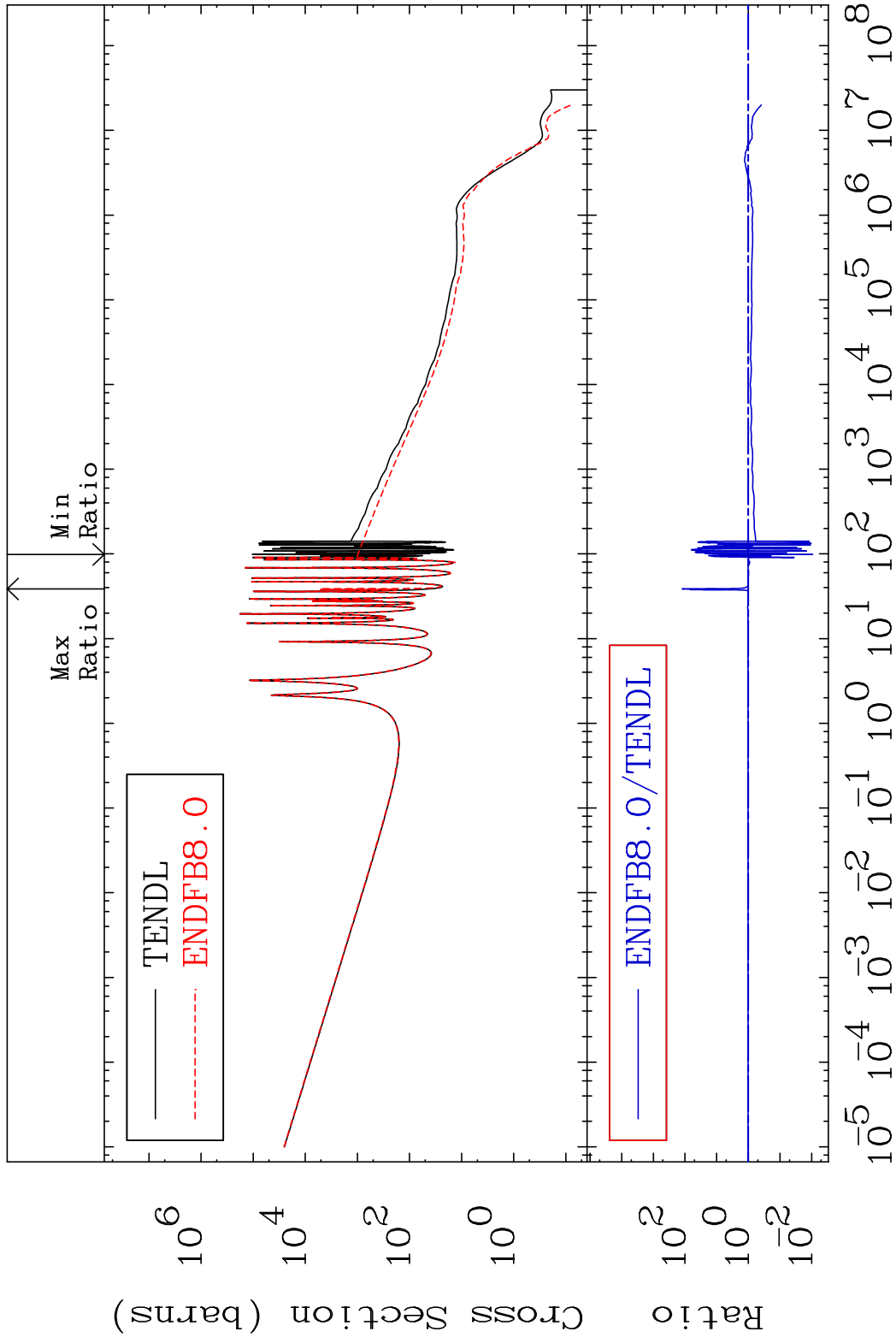


MAT 6625

Kerma capture (mt102)

66-Dy-156

Cross Section -99.07 To 9999. %

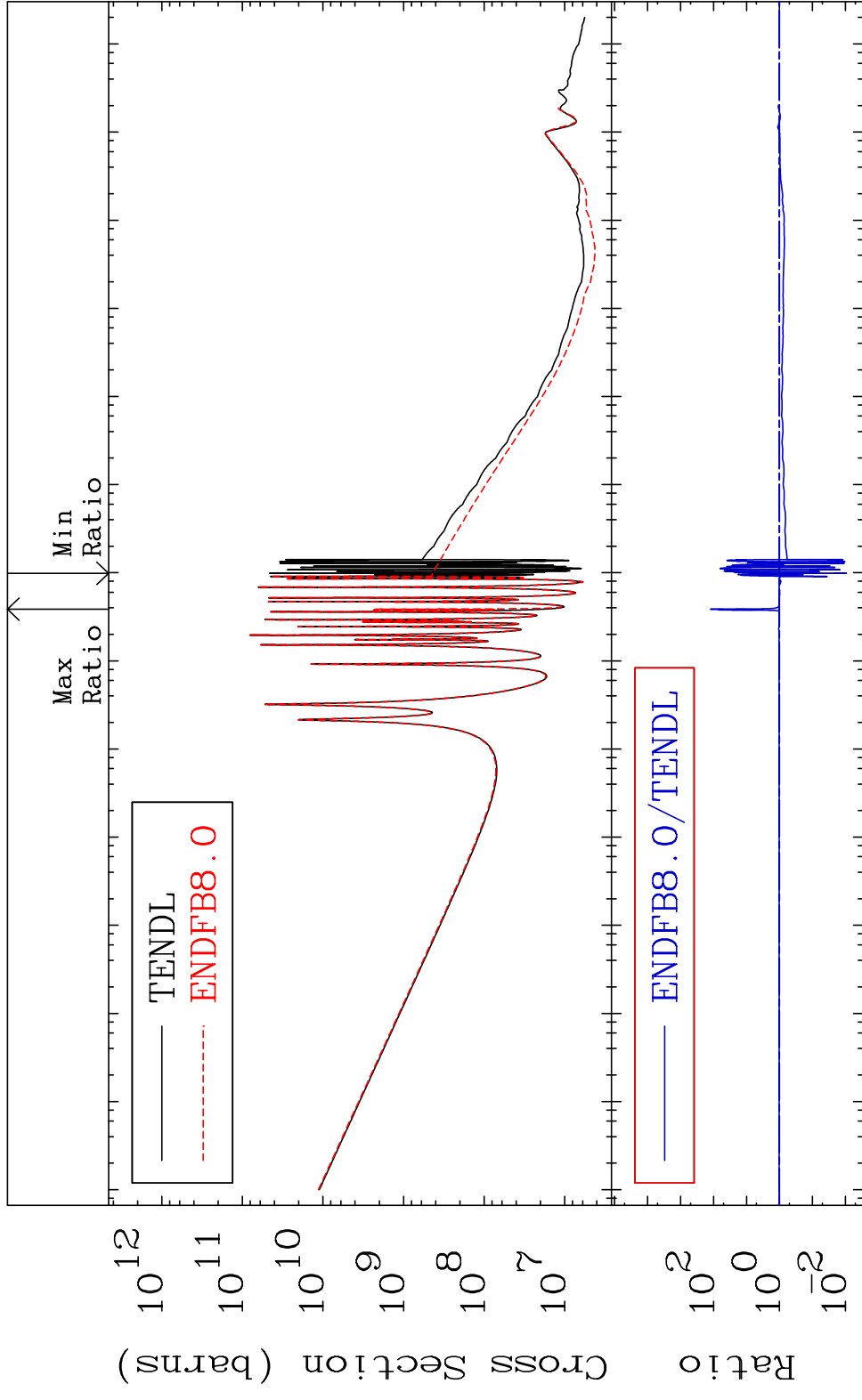


31

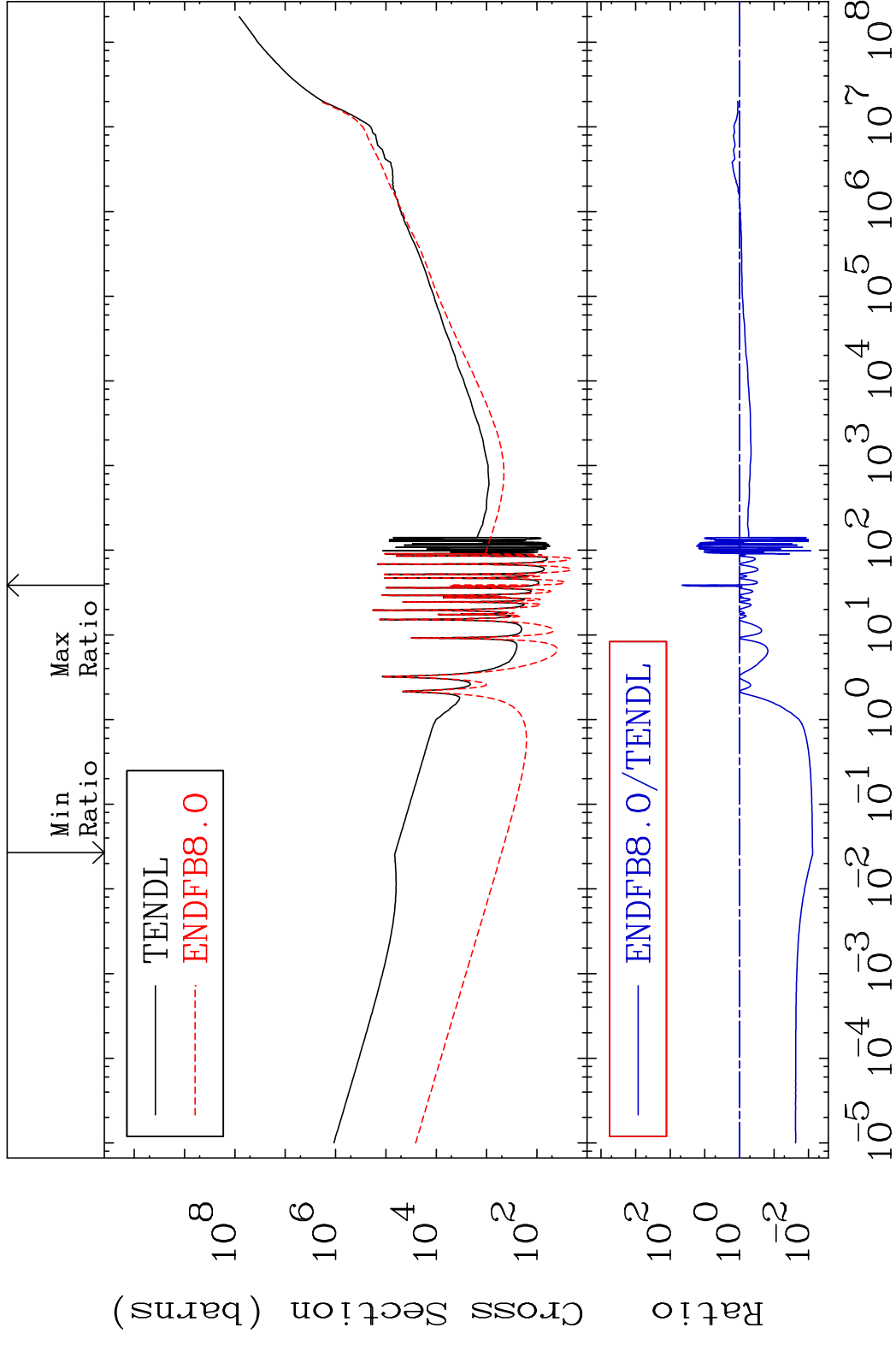
Incident Energy (eV)

66-Dy-156

MAT 6625 Total photon (eV-barns) 66-Dy-156
 Cross Section -99.06 To 9999. %



MAT 6625 Total kinematic kerma (high limit) 66-Dy-156
Cross Section -99.23 To 4359. %

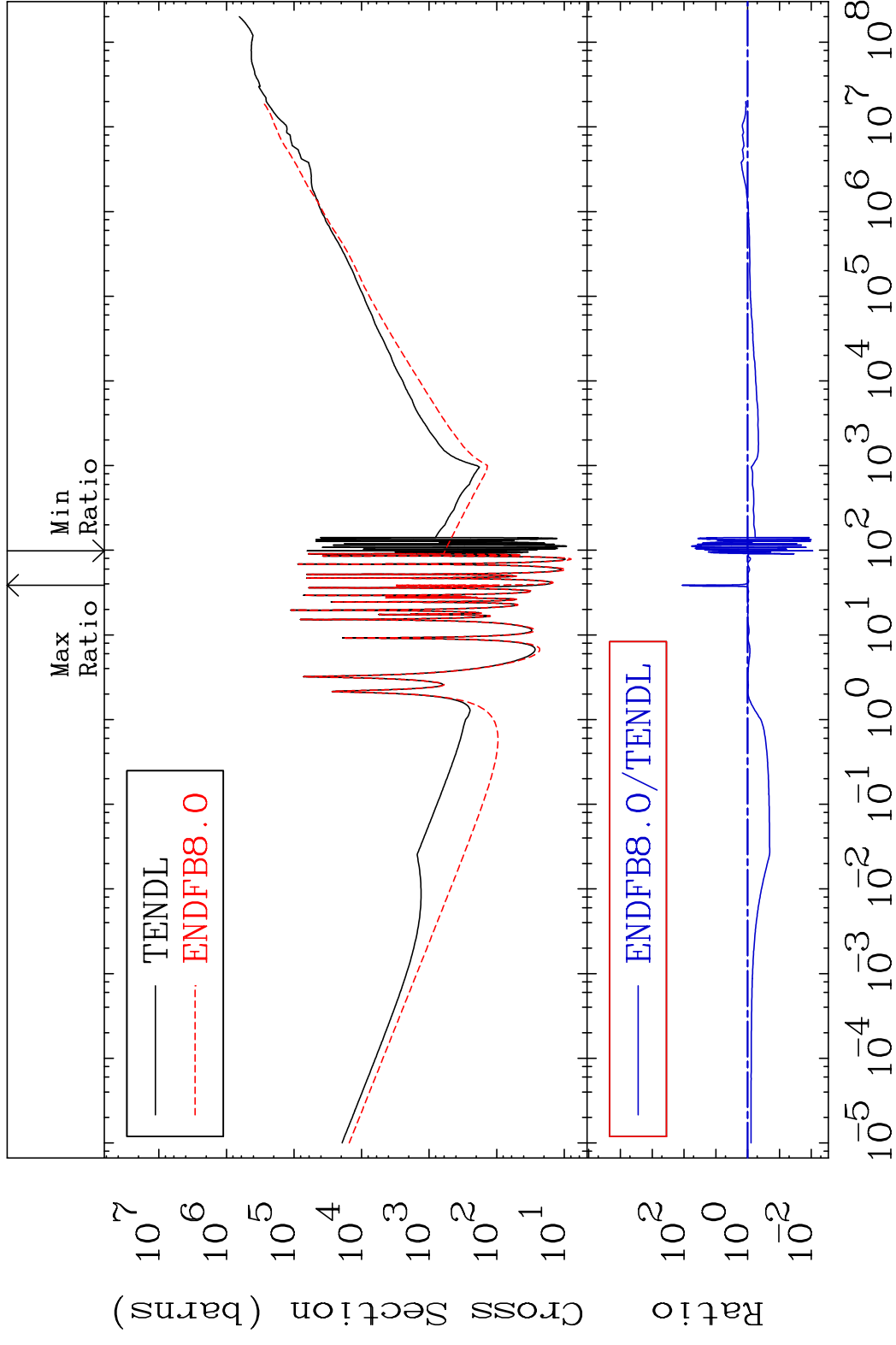


MAT 6625

Dpa total (eV-barns)

66-Dy-156

Cross Section -99.09 To 9999. %

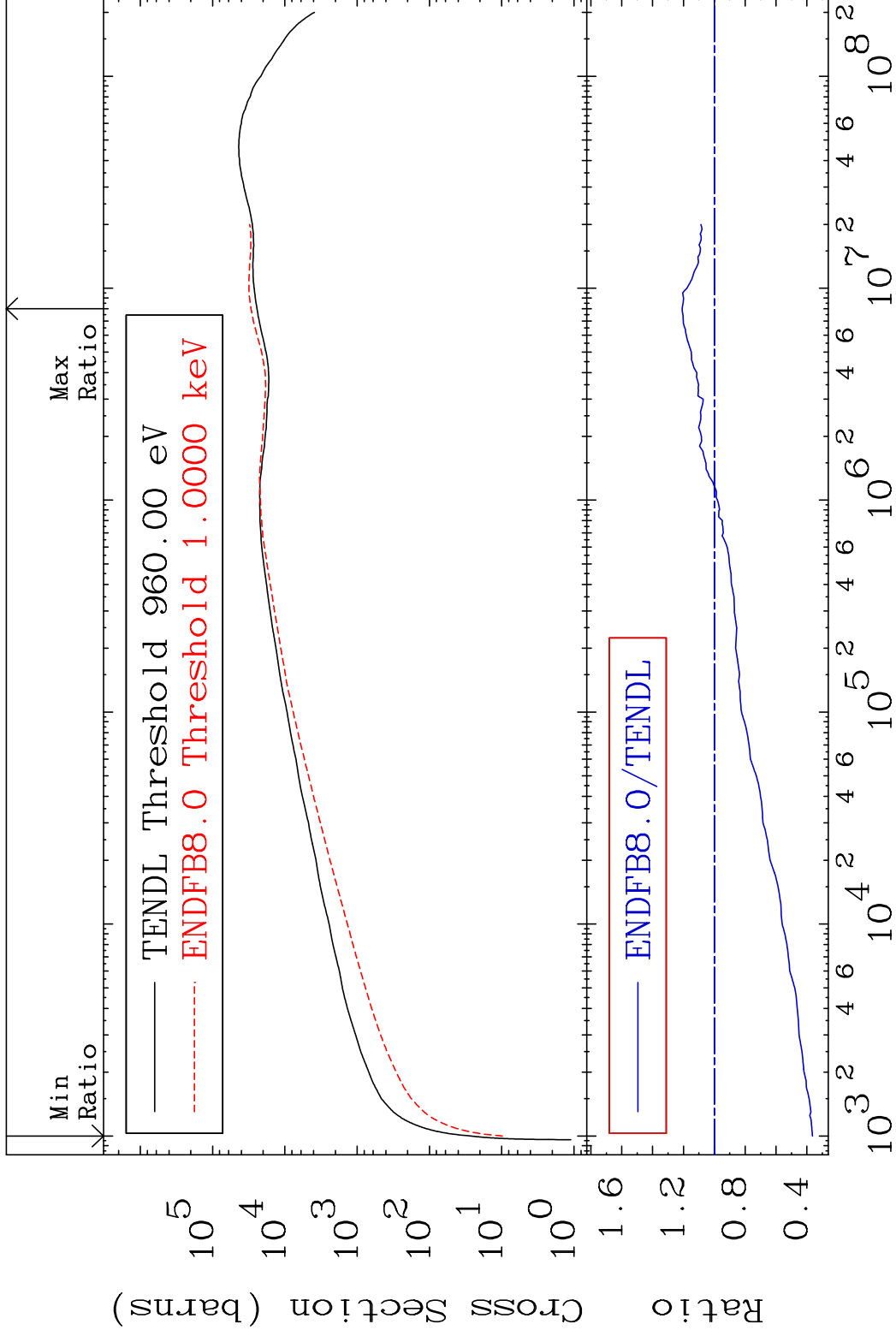


MAT 6625

Dpa elastic (mt2)

66-Dy-156

Cross Section -63.62 To 20.84 %

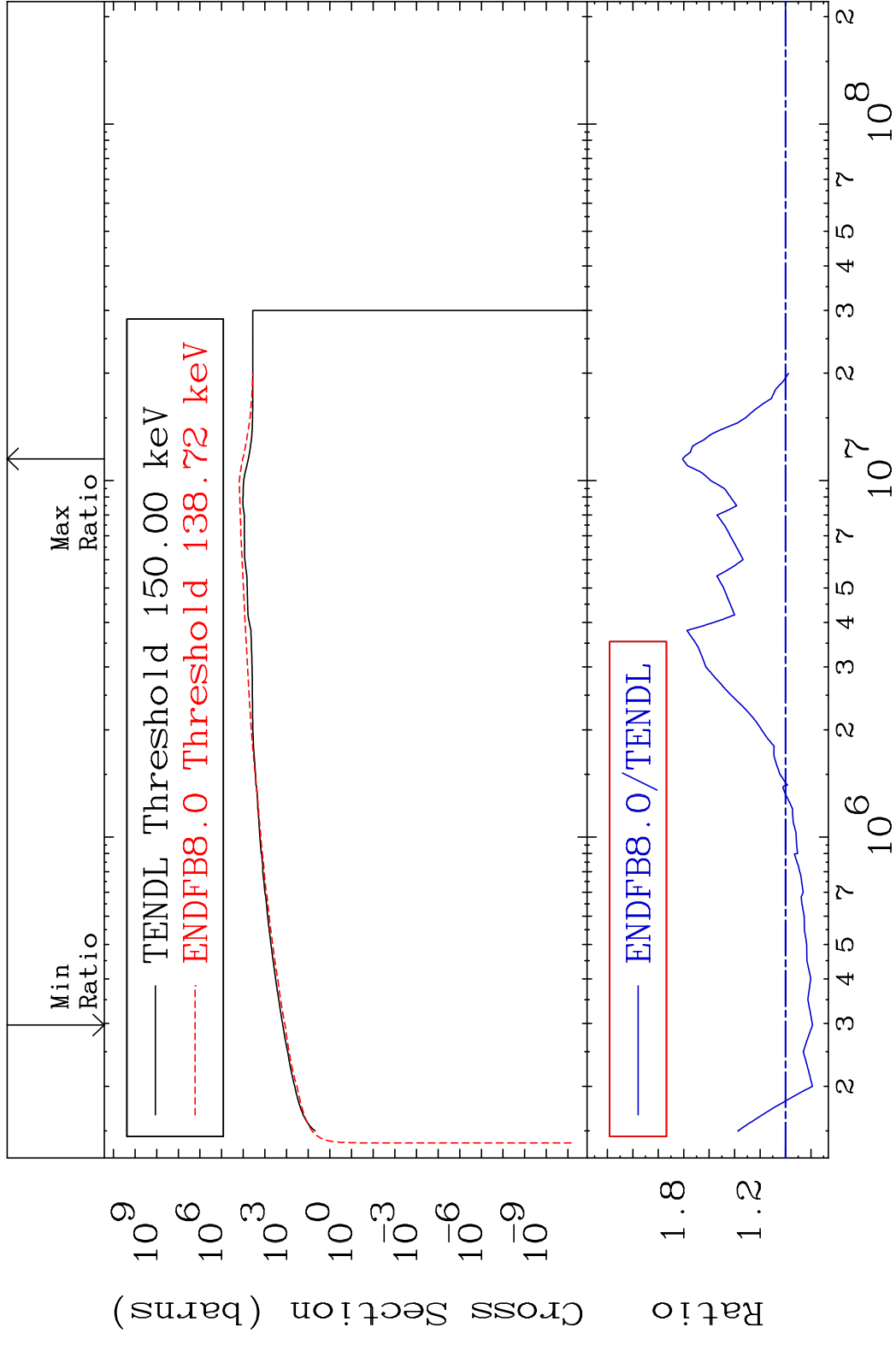


35

Incident Energy (eV)

66-Dy-156

MAT 6625 Dpa inelastic (mt51-91) 66-Dy-156
 Cross Section -21.28 To 81.07 %



MAT 6625 Dpa disappearance (mt102 -120) 66-Dy-156
 Cross Section -99.09 To 9999. %

