

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

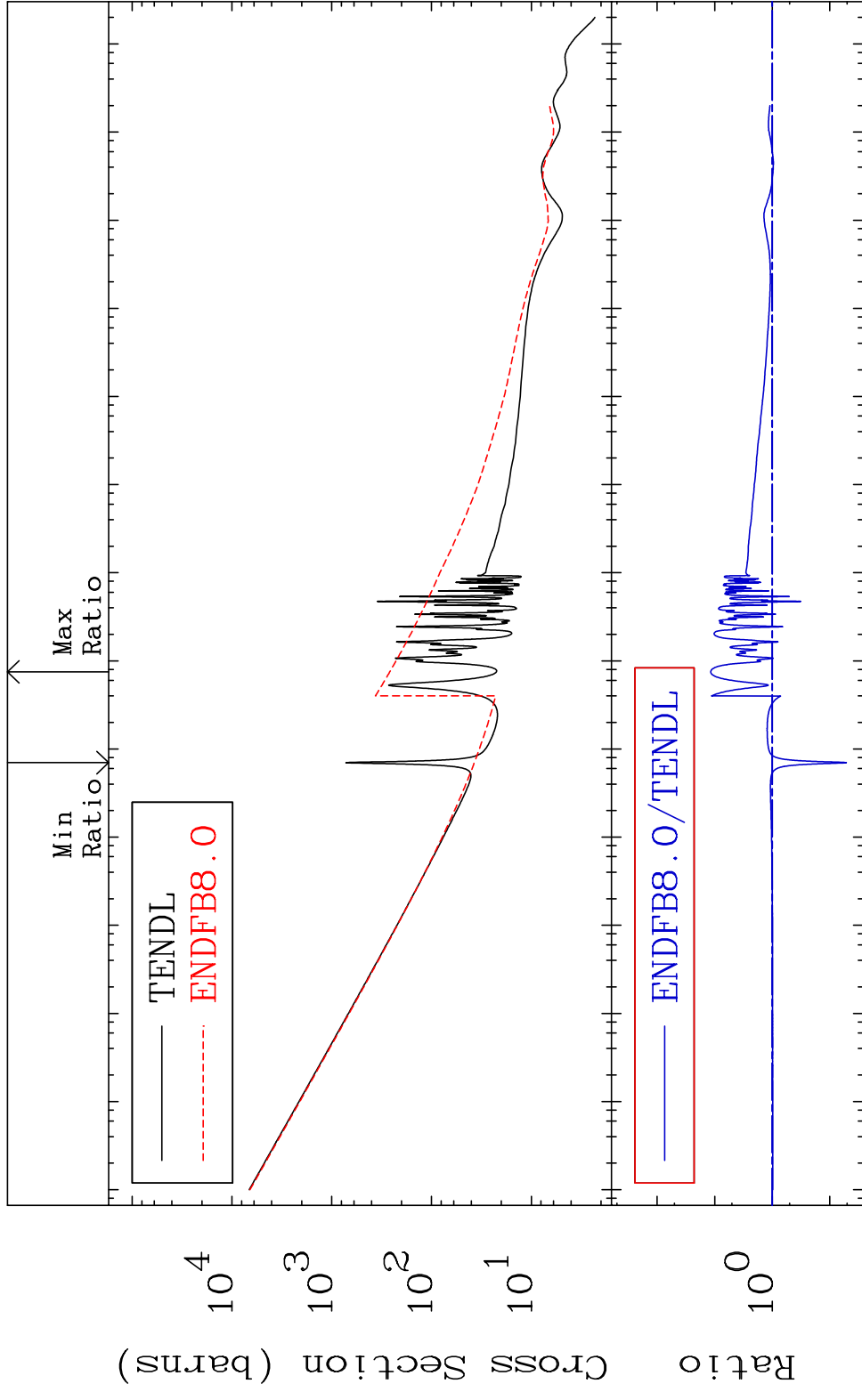
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8825

Total
Cross Section -94.85 To 1072. %

88-Ra-223



1

Incident Energy (eV)

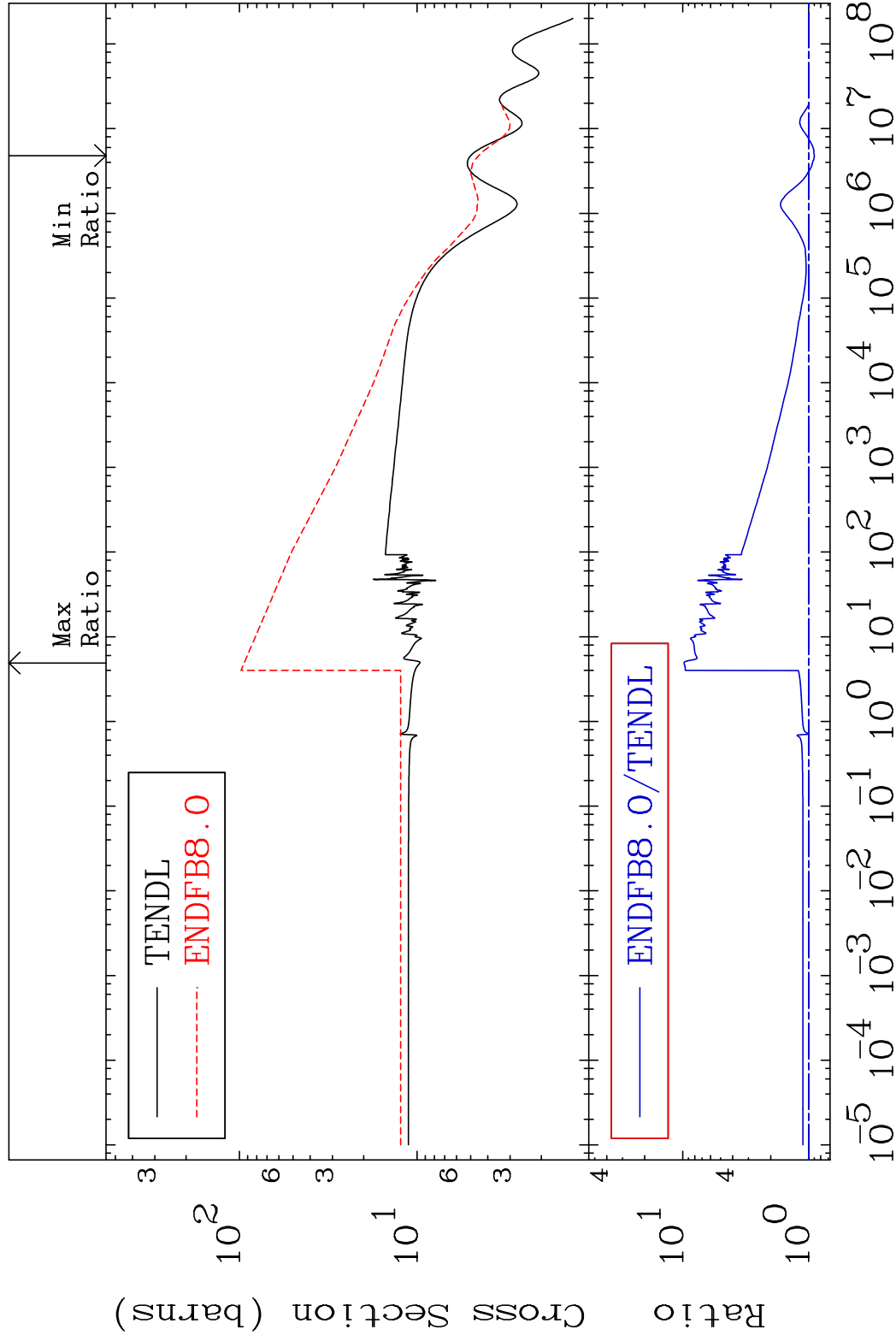
88-Ra-223

MAT 8825

Elastic

88-Ra-223

Cross Section -9.830 To 874.7 %

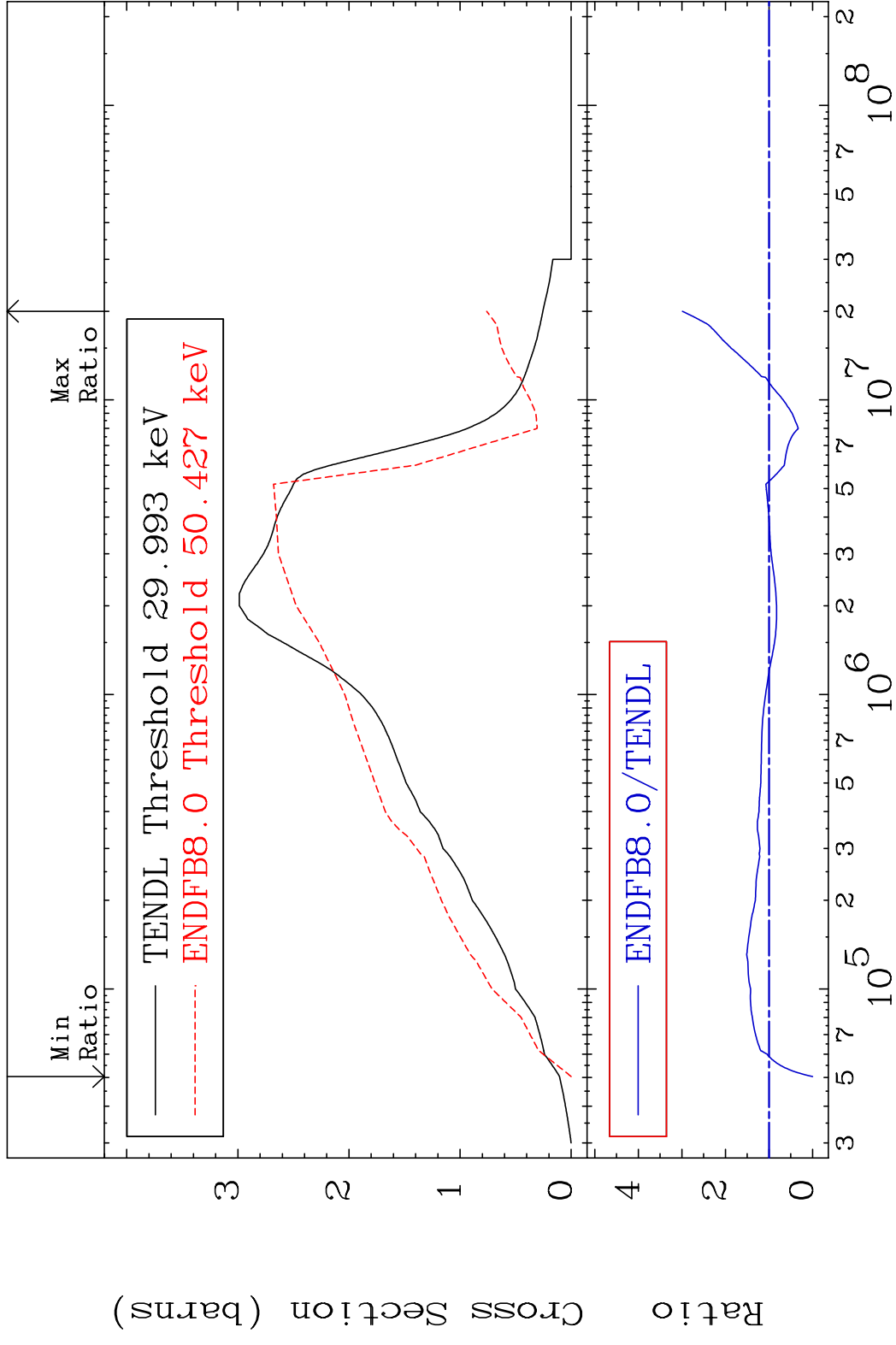


2

Incident Energy (eV)

88-Ra-223

MAT 8825 Inelastic 88-Ra-223
 Cross Section -100.0 To 198.9 %



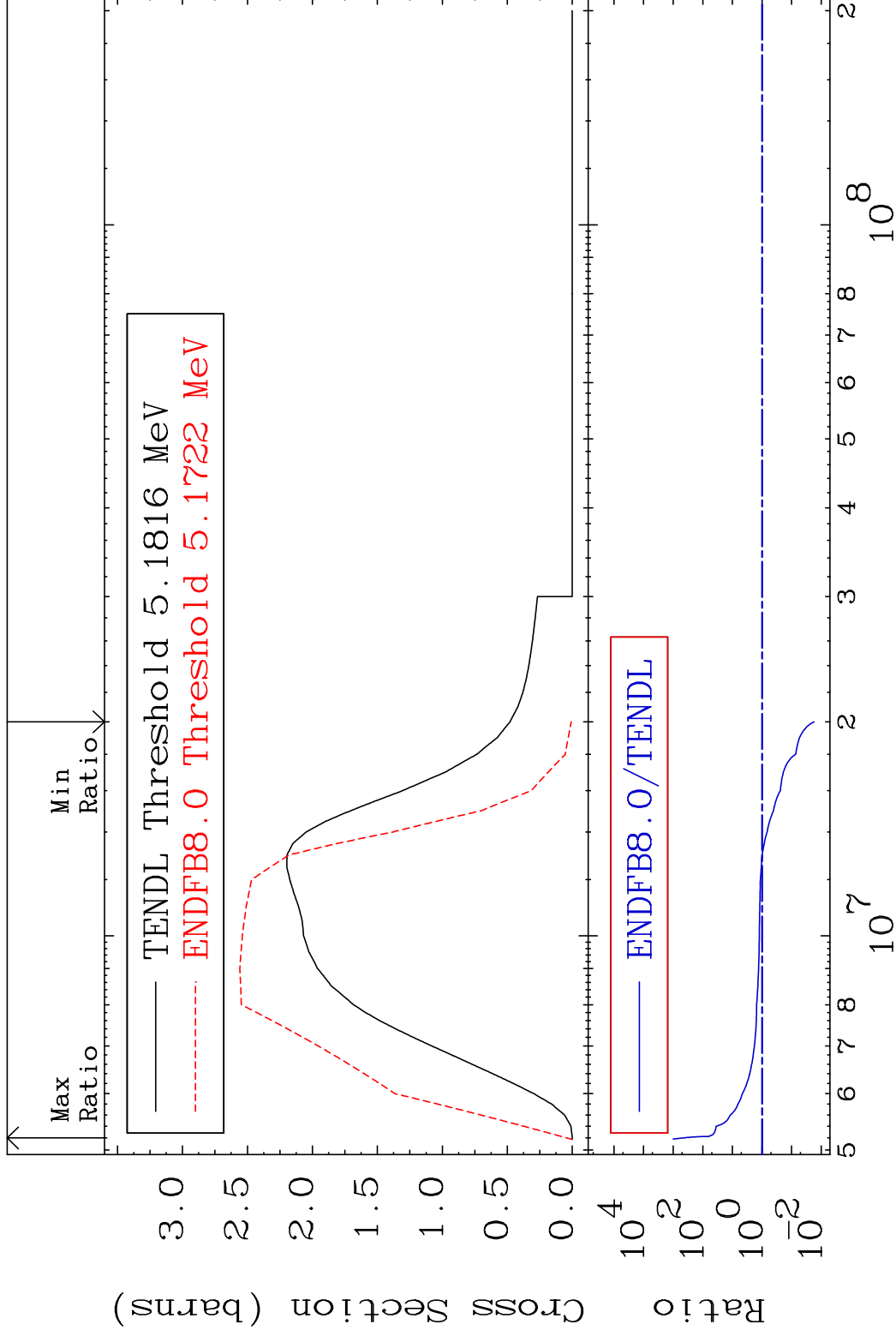
3 88-Ra-223

MAT 8825

(n,2n)

88-Ra-223

Cross Section -98.26 To 9999. %



4

Incident Energy (eV)

88-Ra-223

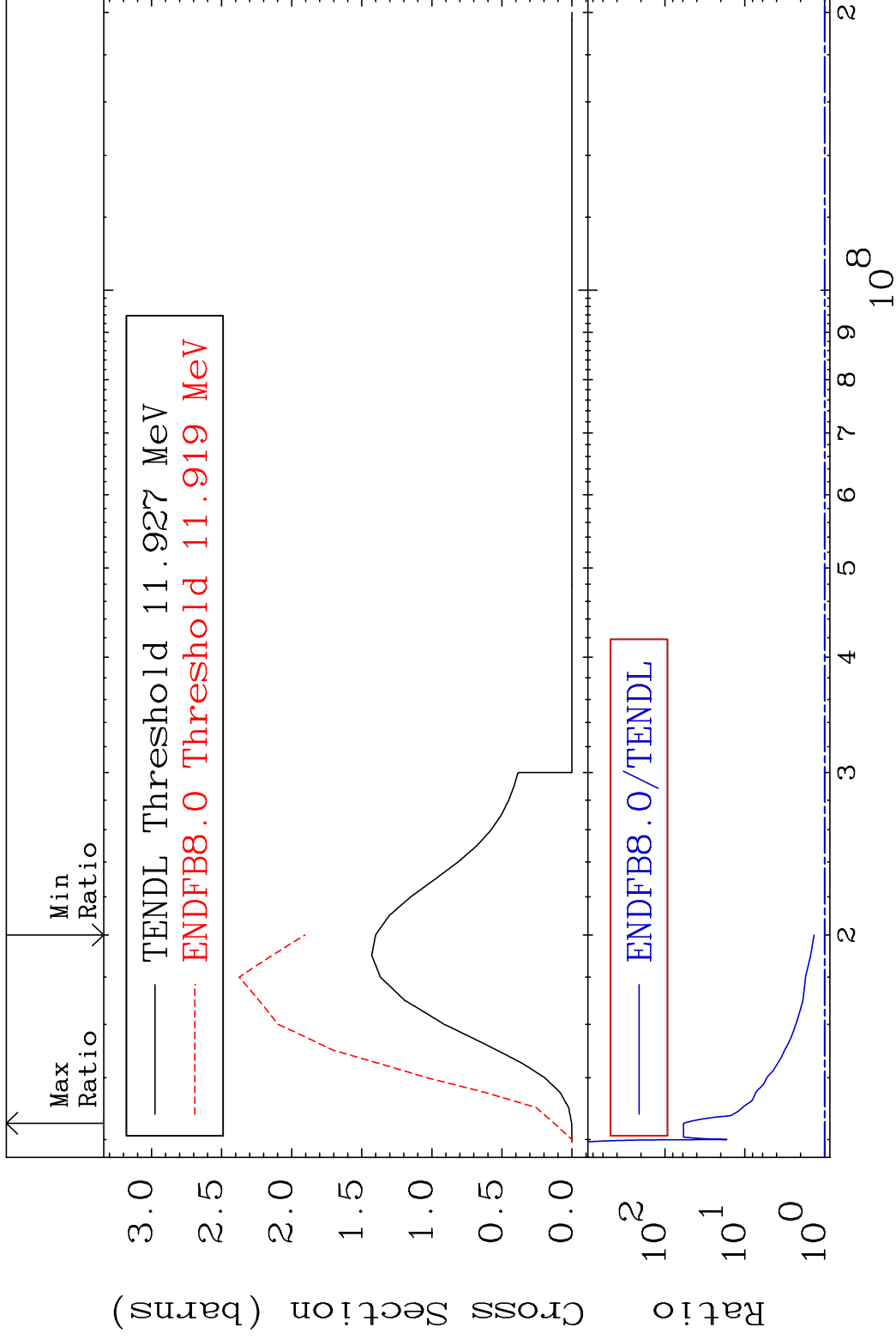
MAT 8825

(n,3n)

88-Ra-223

Cross Section 35.91

To 5775. %



5

Incident Energy (eV)

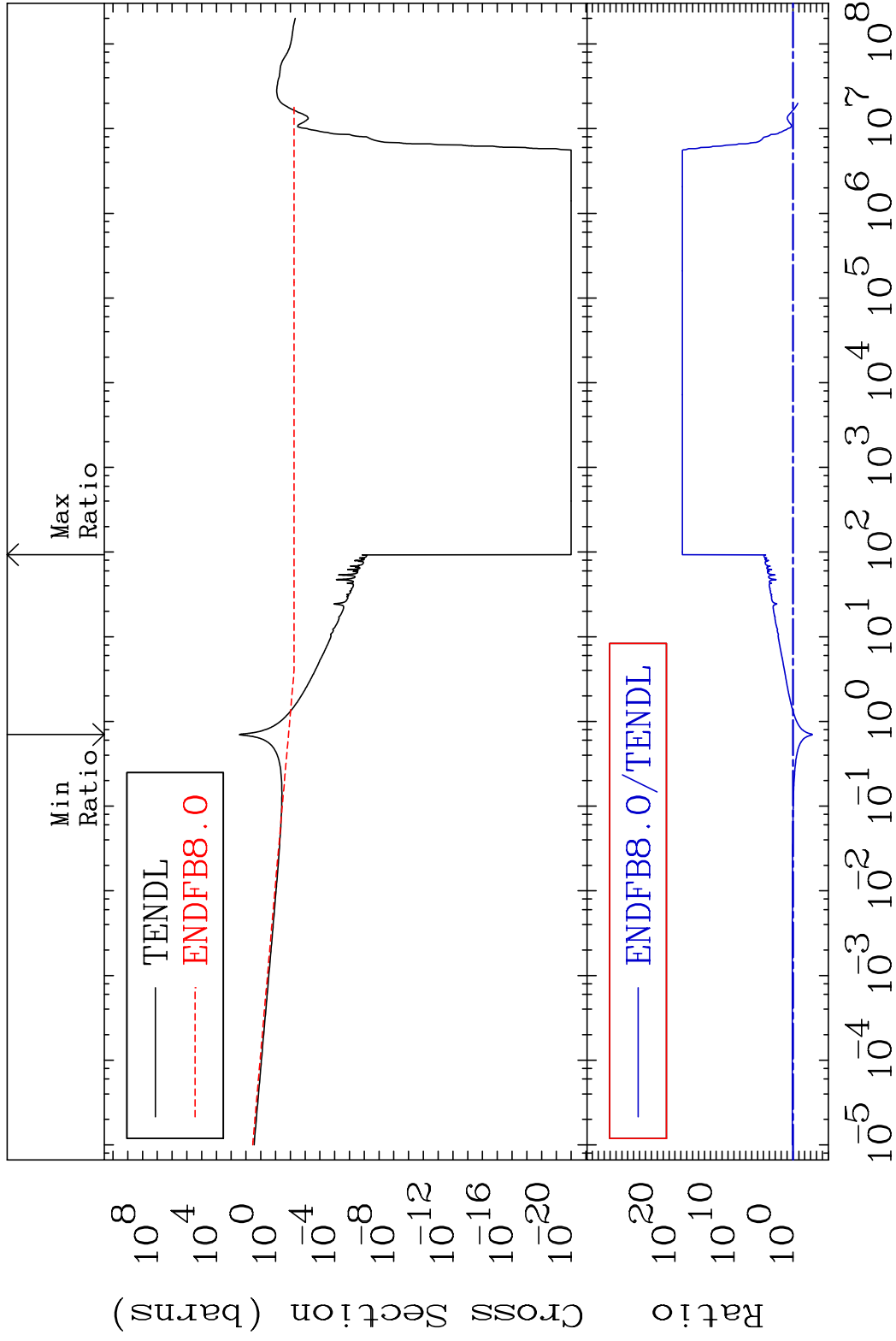
88-Ra-223

MAT 8825

88-Ra-223

Fission

Cross Section -99.95 To 9999. %



6

Incident Energy (eV)

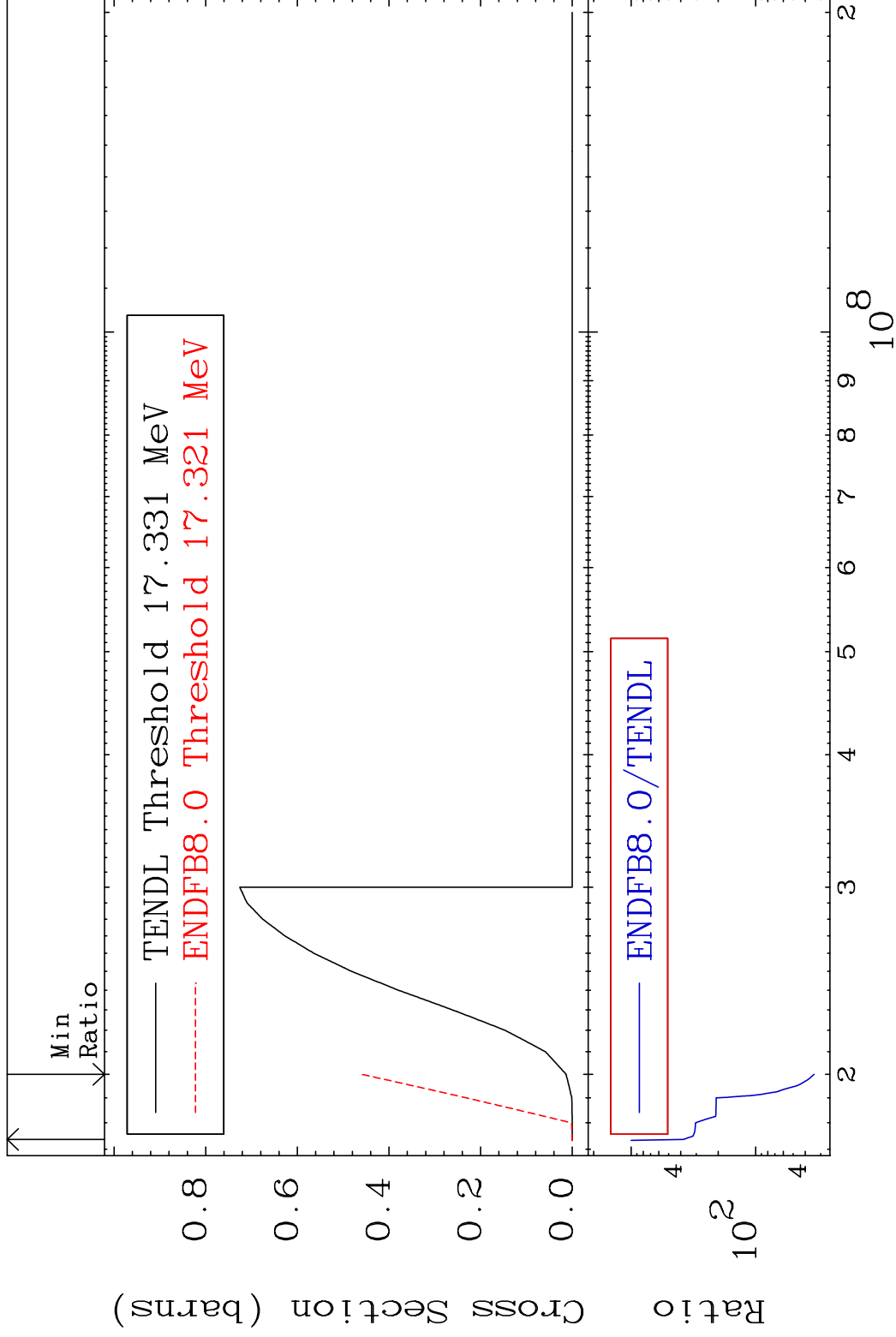
88-Ra-223

MAT 8825

(n, 4n)

88-Ra-223

Cross Section 3290. To 9999. %

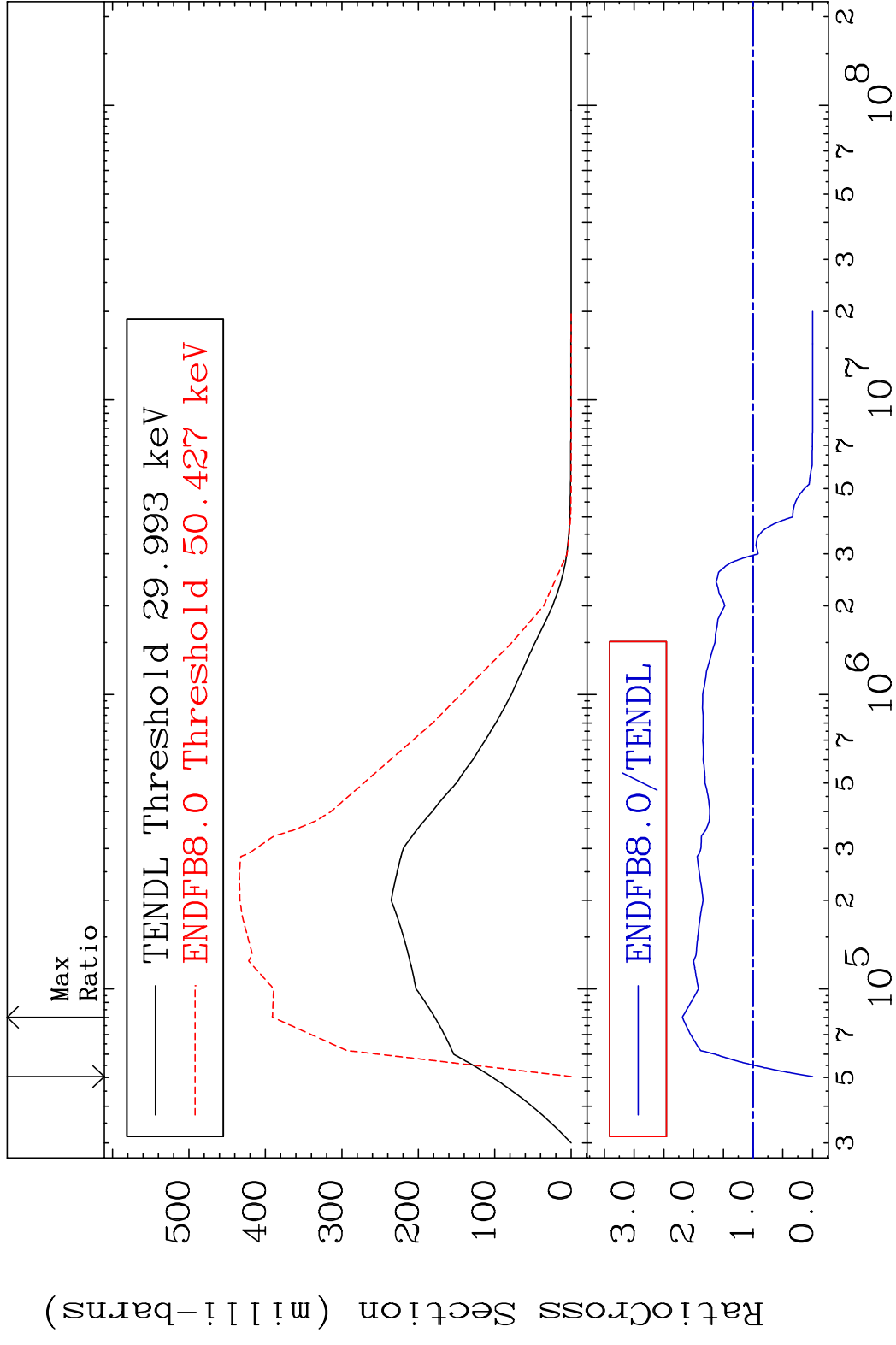


7

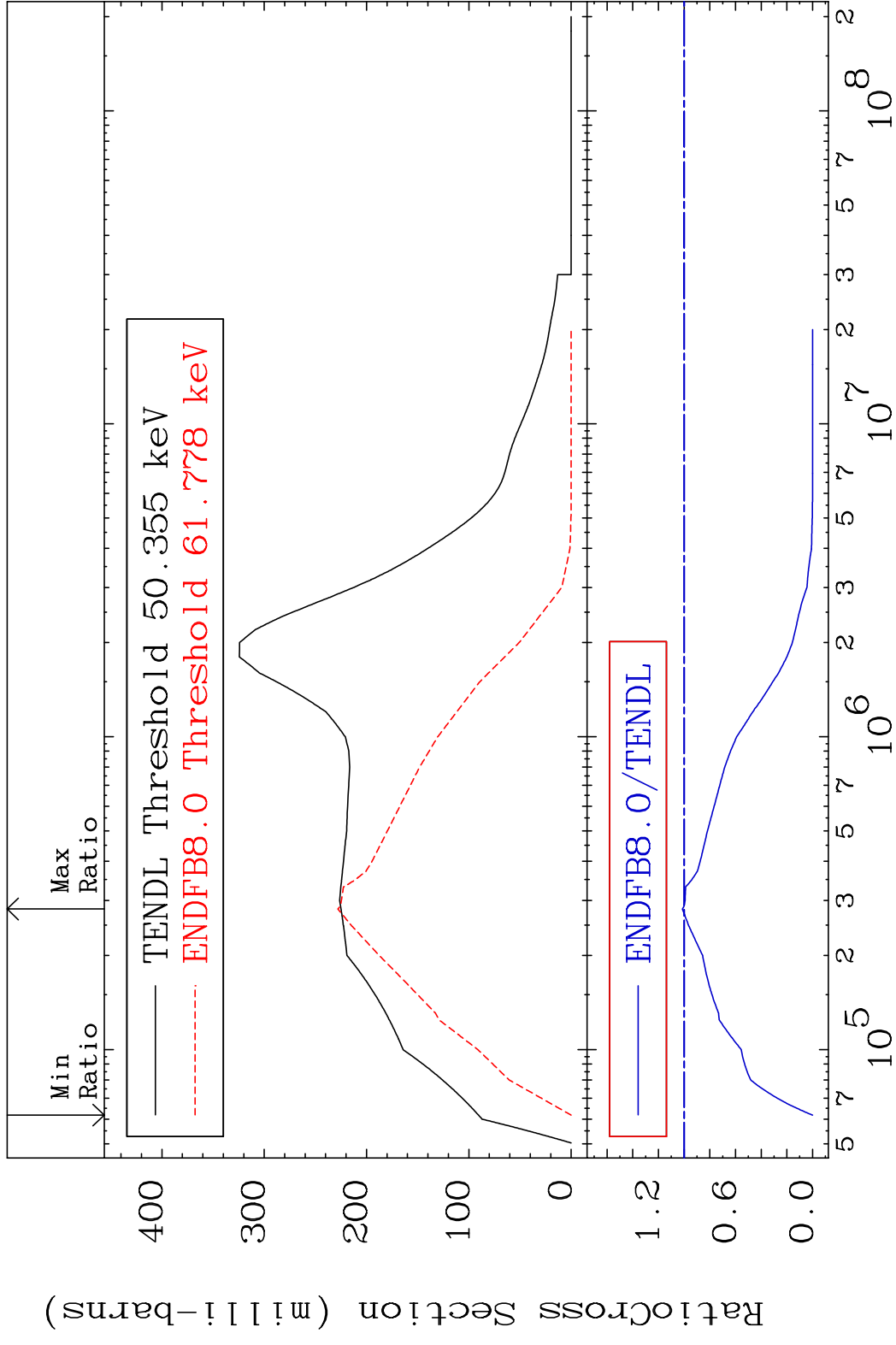
Incident Energy (eV)

88-Ra-223

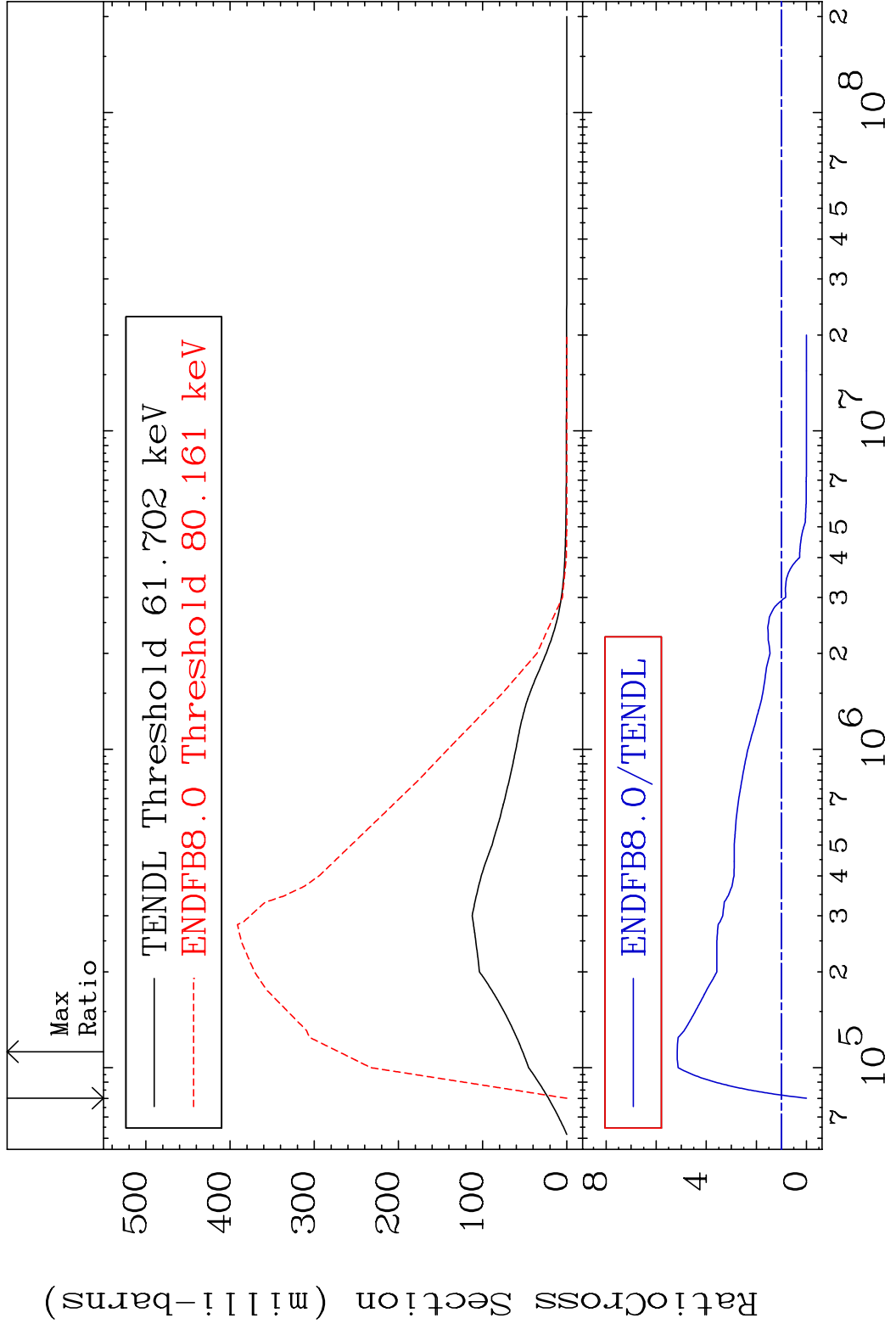
MAT 8825 MT= 51 (n,n') Level 88-Ra-223
 Cross Section -100.0 To 118.9 %



MAT 8825 MT= 52 (n, n') Level 88-Ra-223
 Cross Section -100.0 To 1.378 %

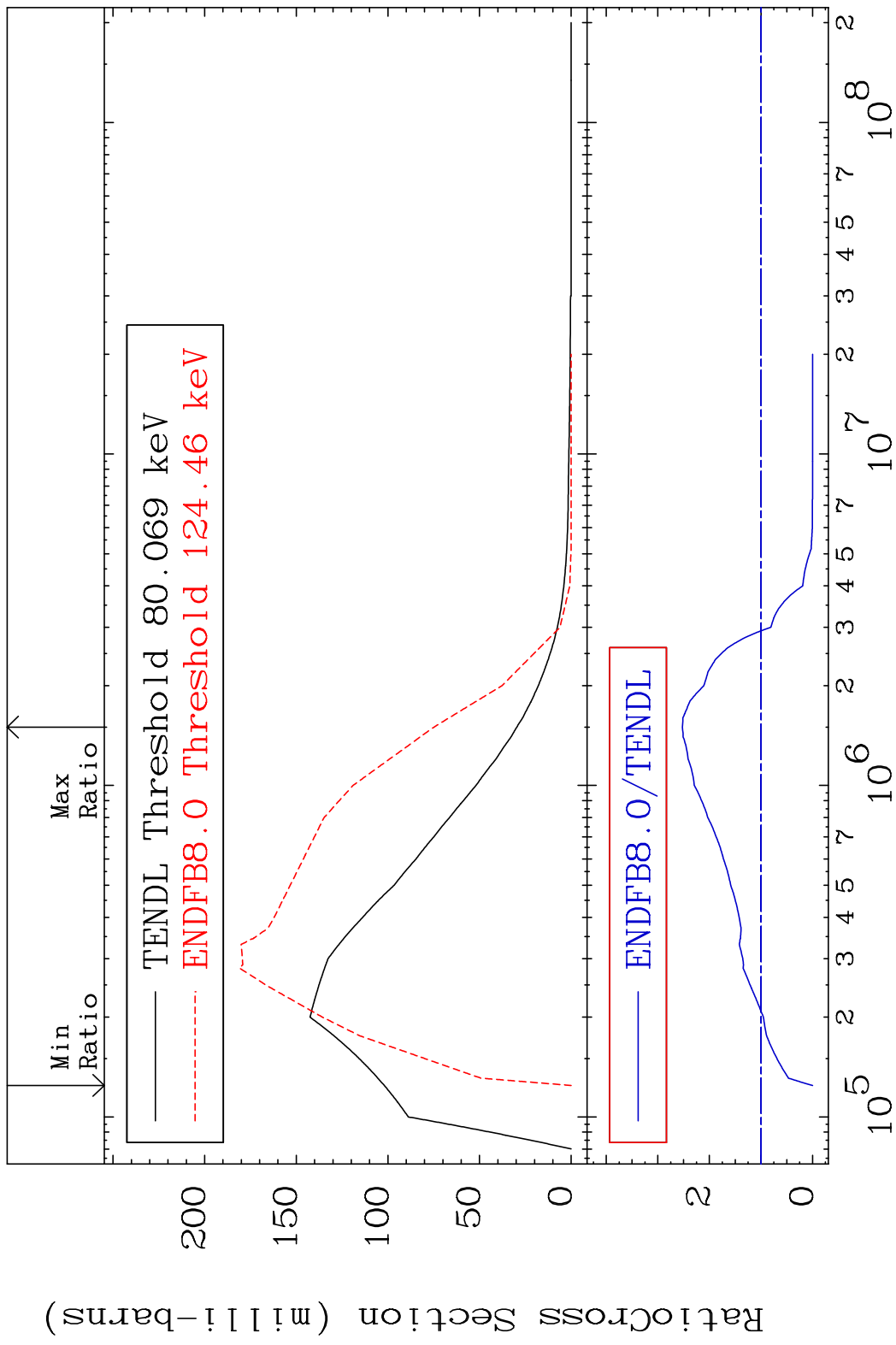


MAT 8825 MT= 53 (n,n') Level 88-Ra-223
Cross Section -100.0 To 416.0 %



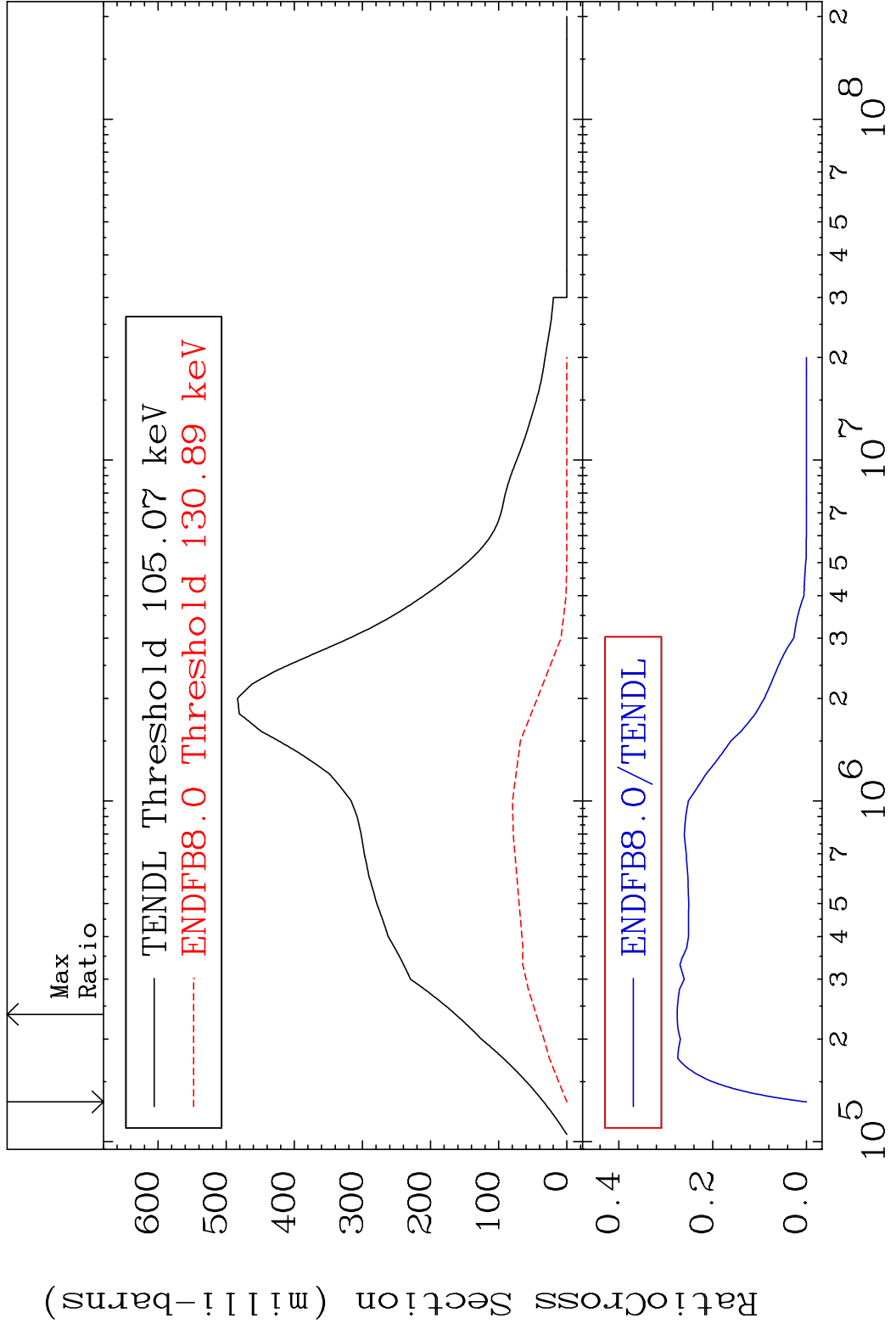
10 Incident Energy (eV) 88-Ra-223

MAT 8825 MT= 54 (n, n') Level 88-Ra-223
 Cross Section -100.0 To 152.5 %

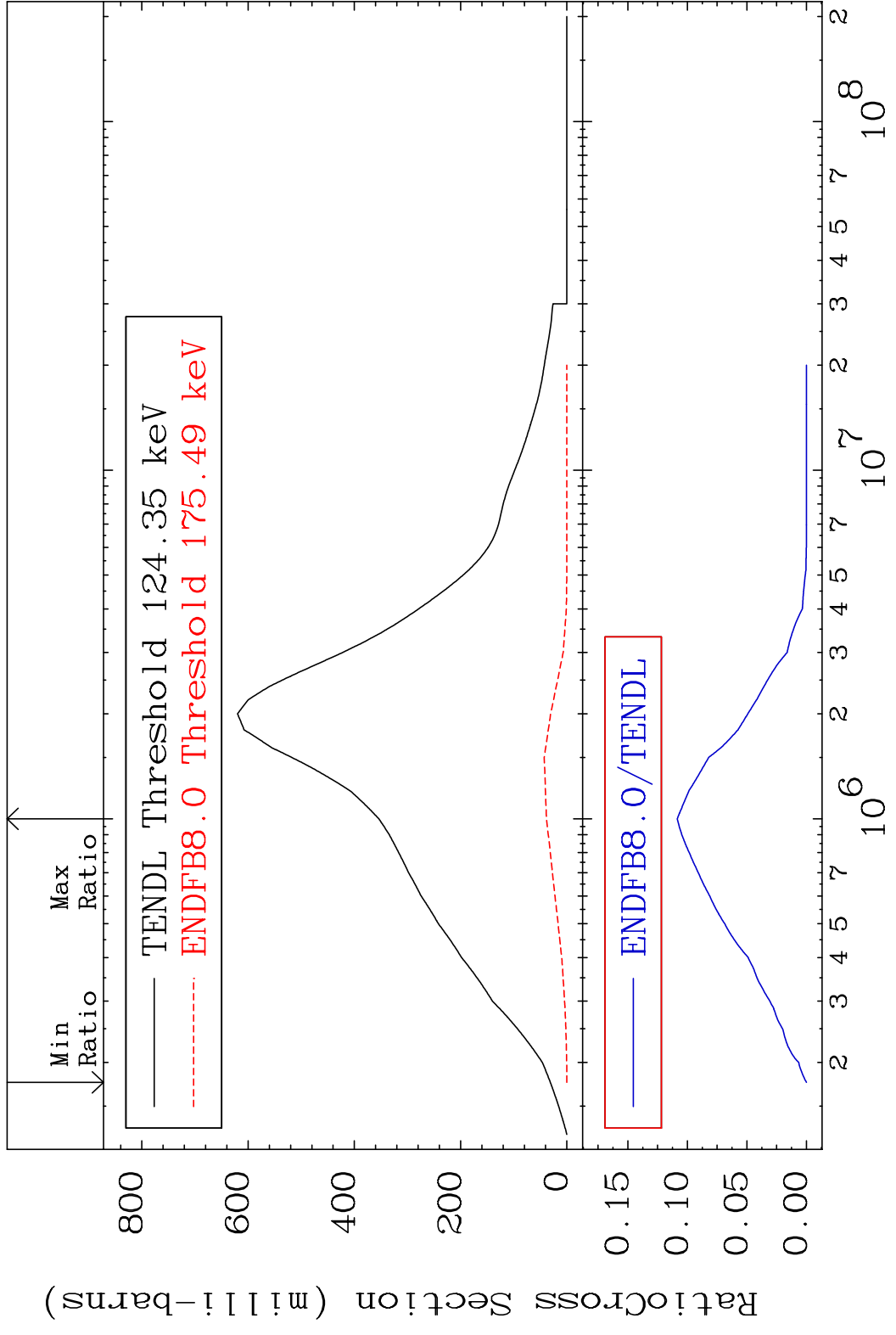


11 Incident Energy (eV) 88-Ra-223

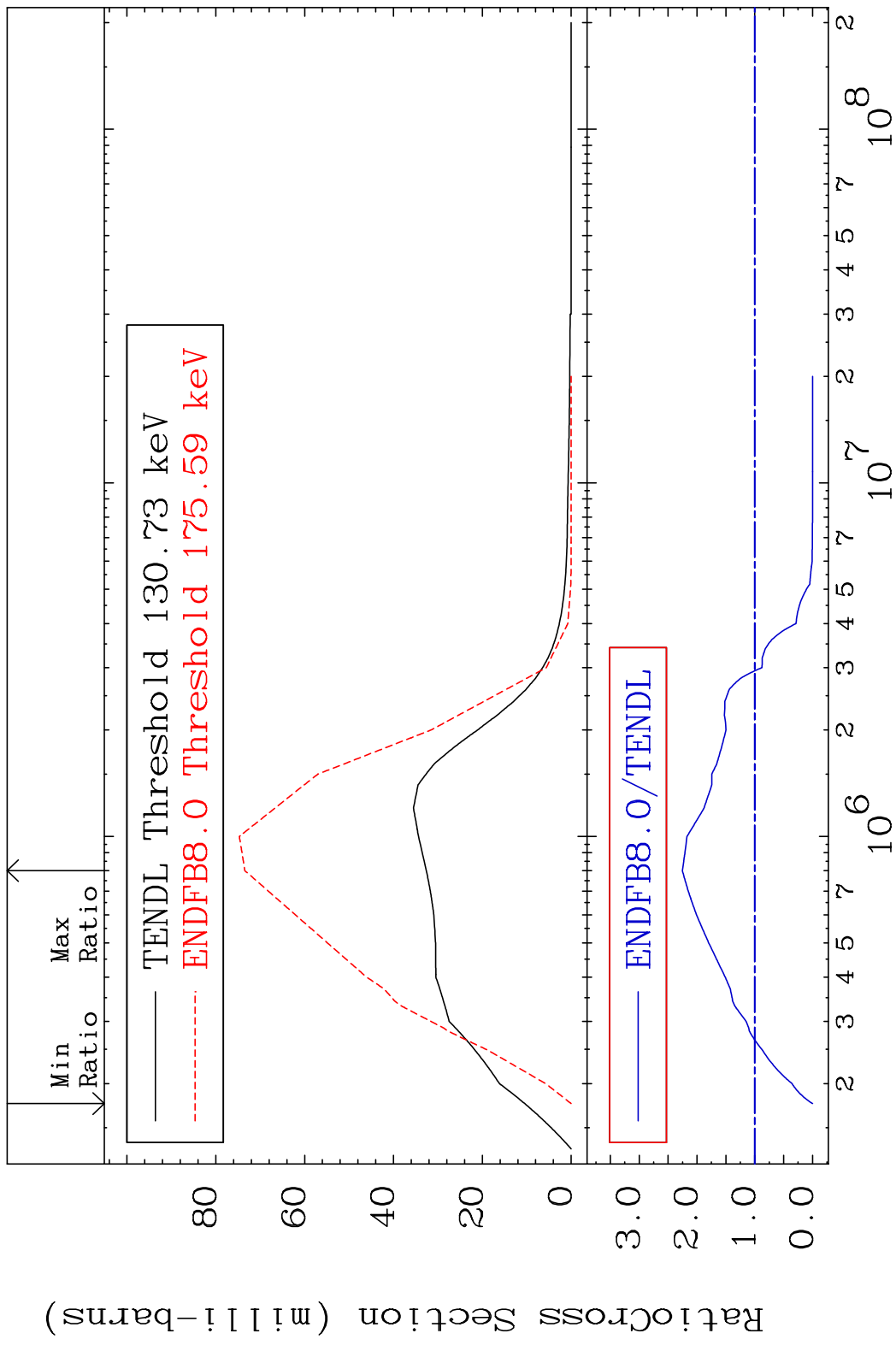
MAT 8825 MT= 55 (n, n') Level 88-Ra-223
 Cross Section -100.0 To -72.43%



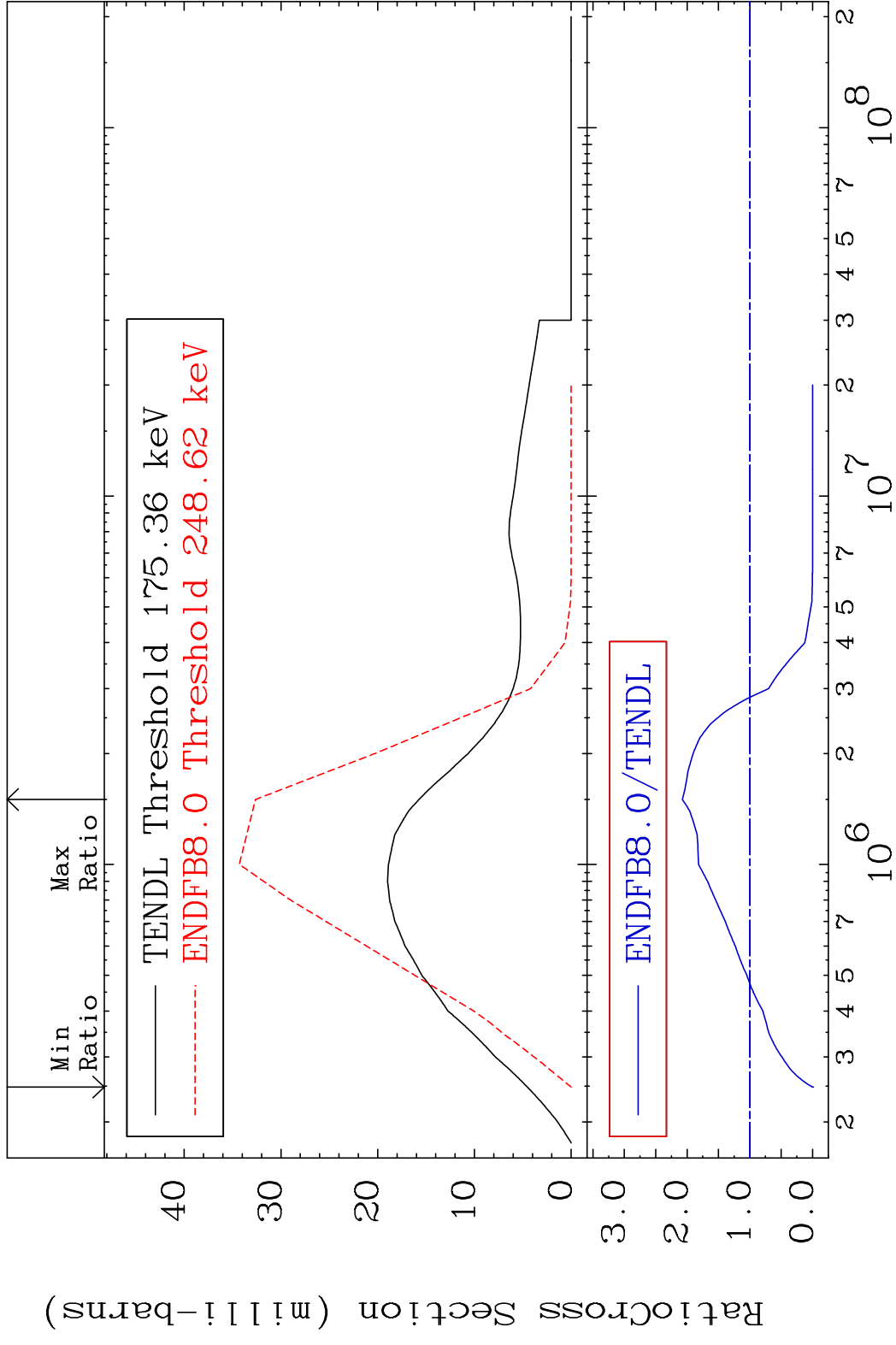
MAT 8825 MT= 56 (n,n') Level 88-Ra-223
 Cross Section -100.0 To -89.14%



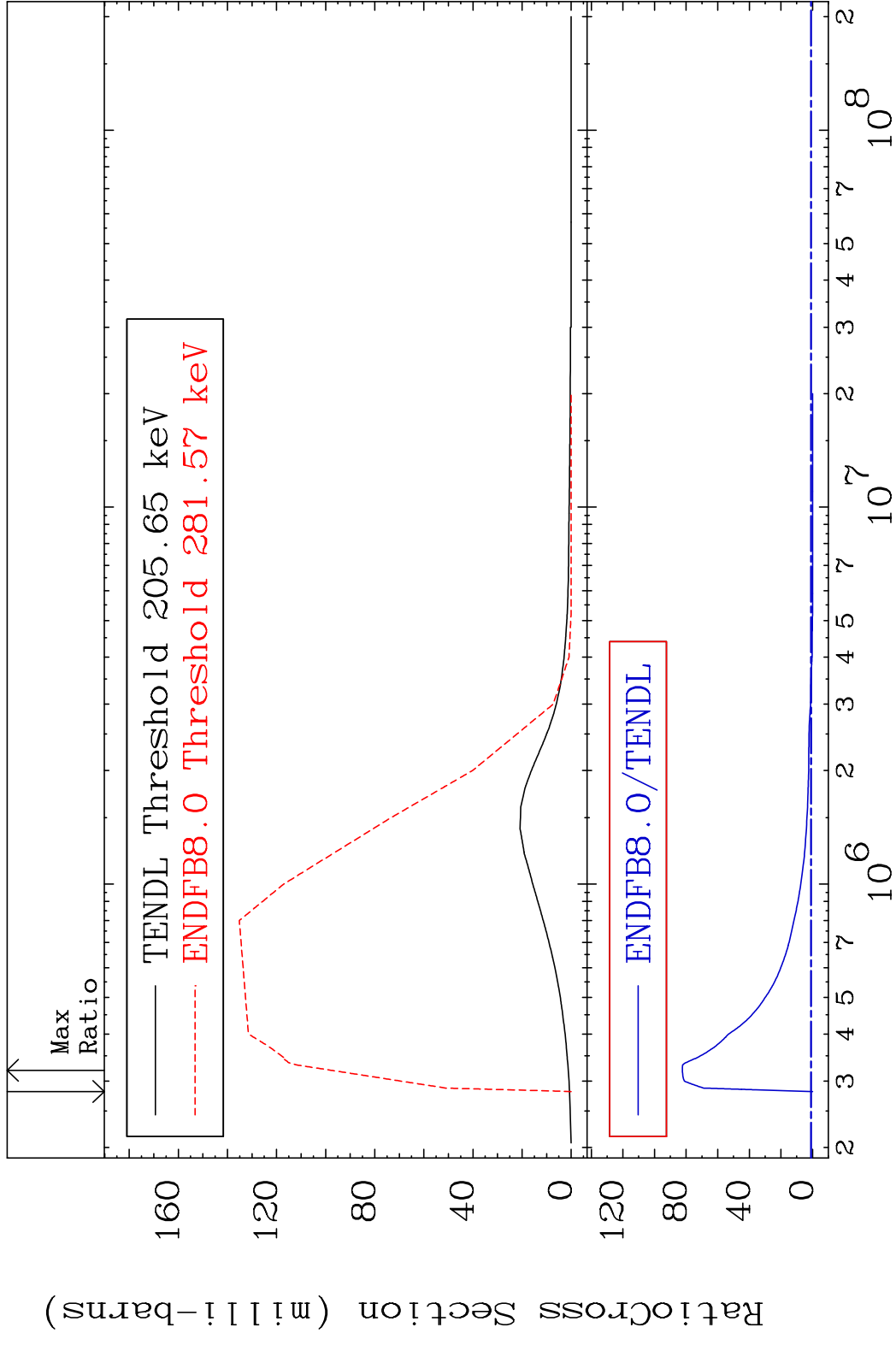
MAT 8825 MT= 57 (n, n') Level 88-Ra-223
 Cross Section -100.0 To 125.3 %



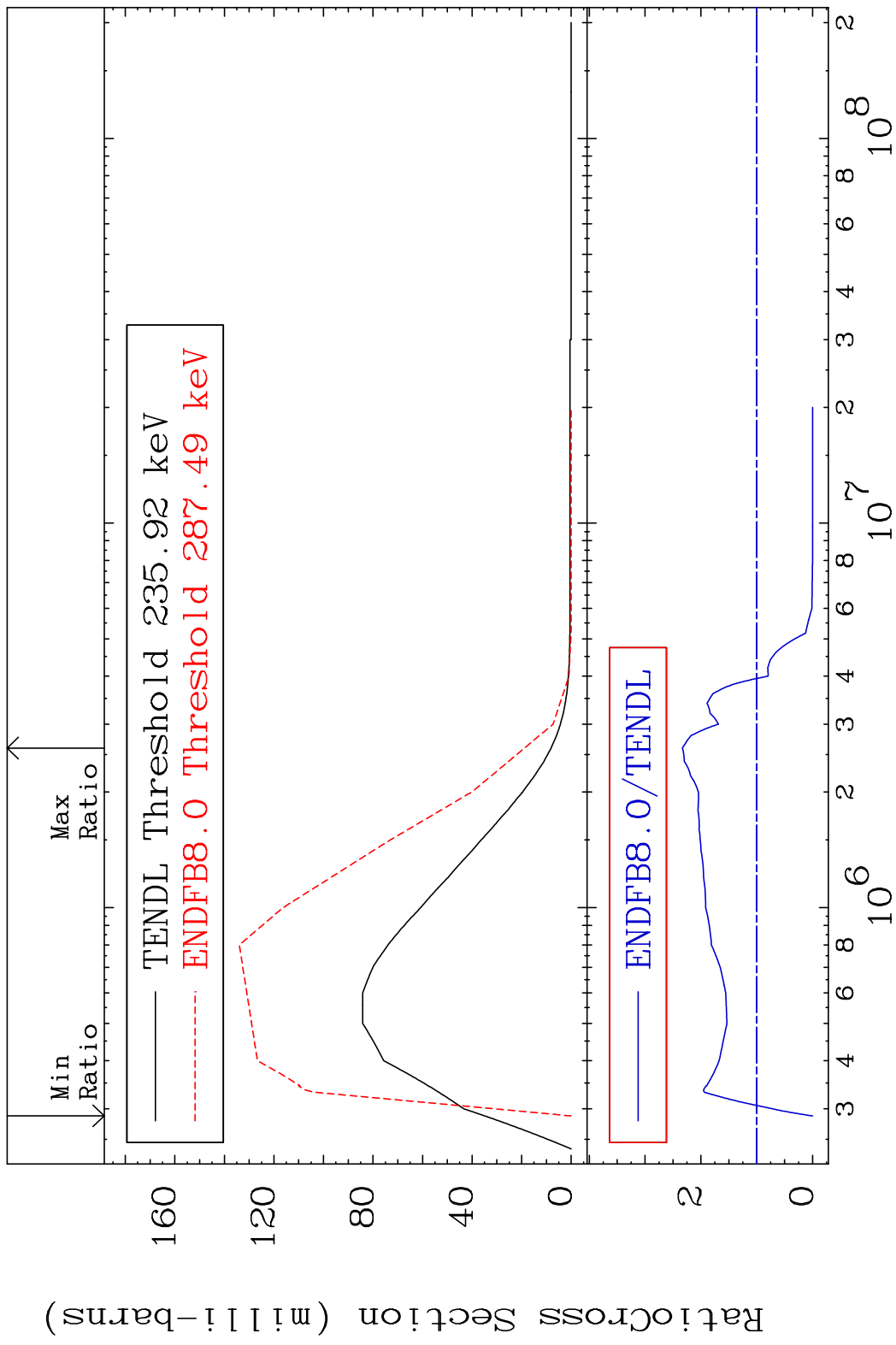
MAT 8825 MT= 58 (n, n') Level 88-Ra-223
 Cross Section -100.0 To 107.5 %



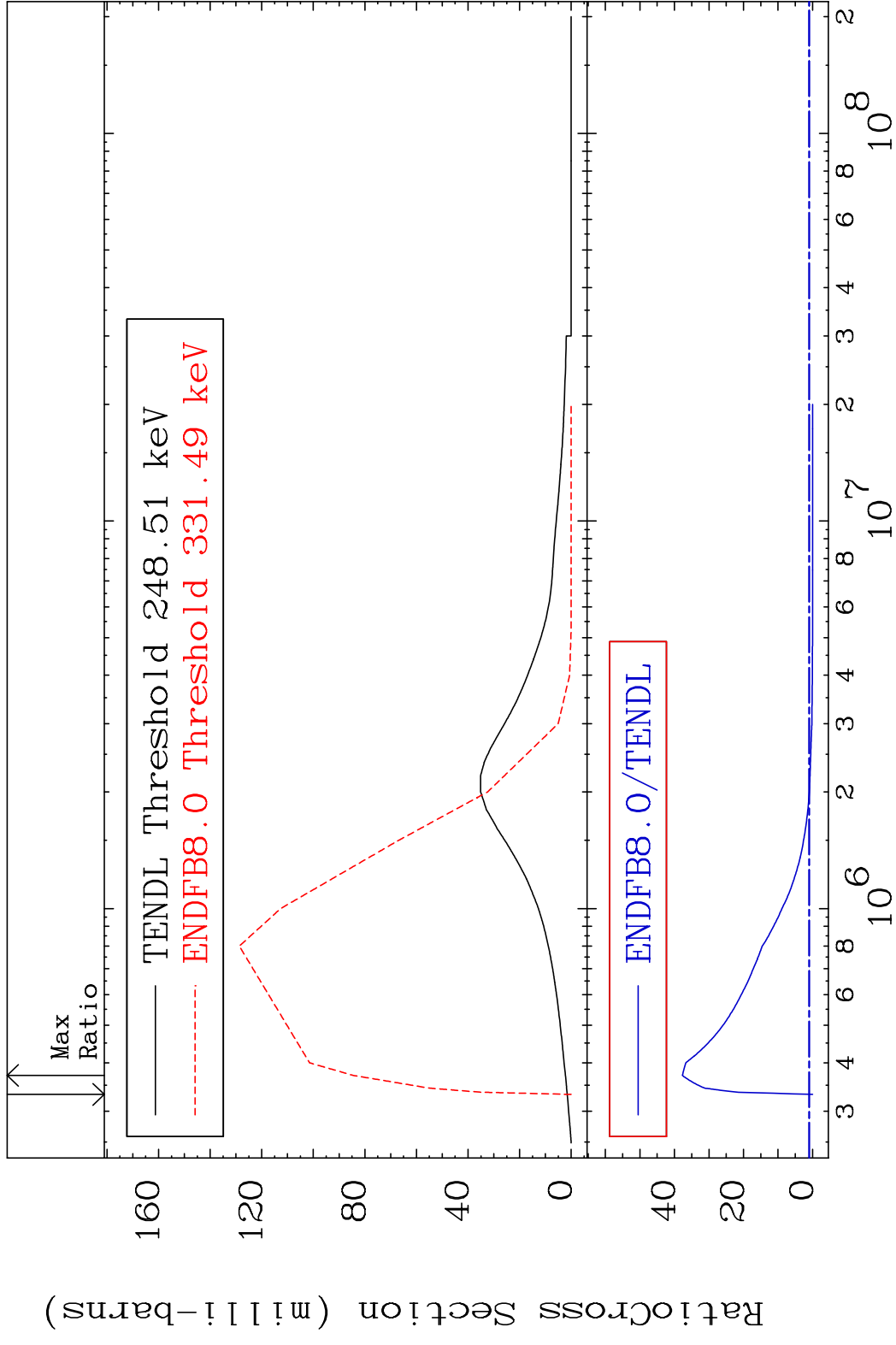
MAT 8825 MT= 59 (n, n') Level 88-Ra-223
 Cross Section -100.0 To 8138. %



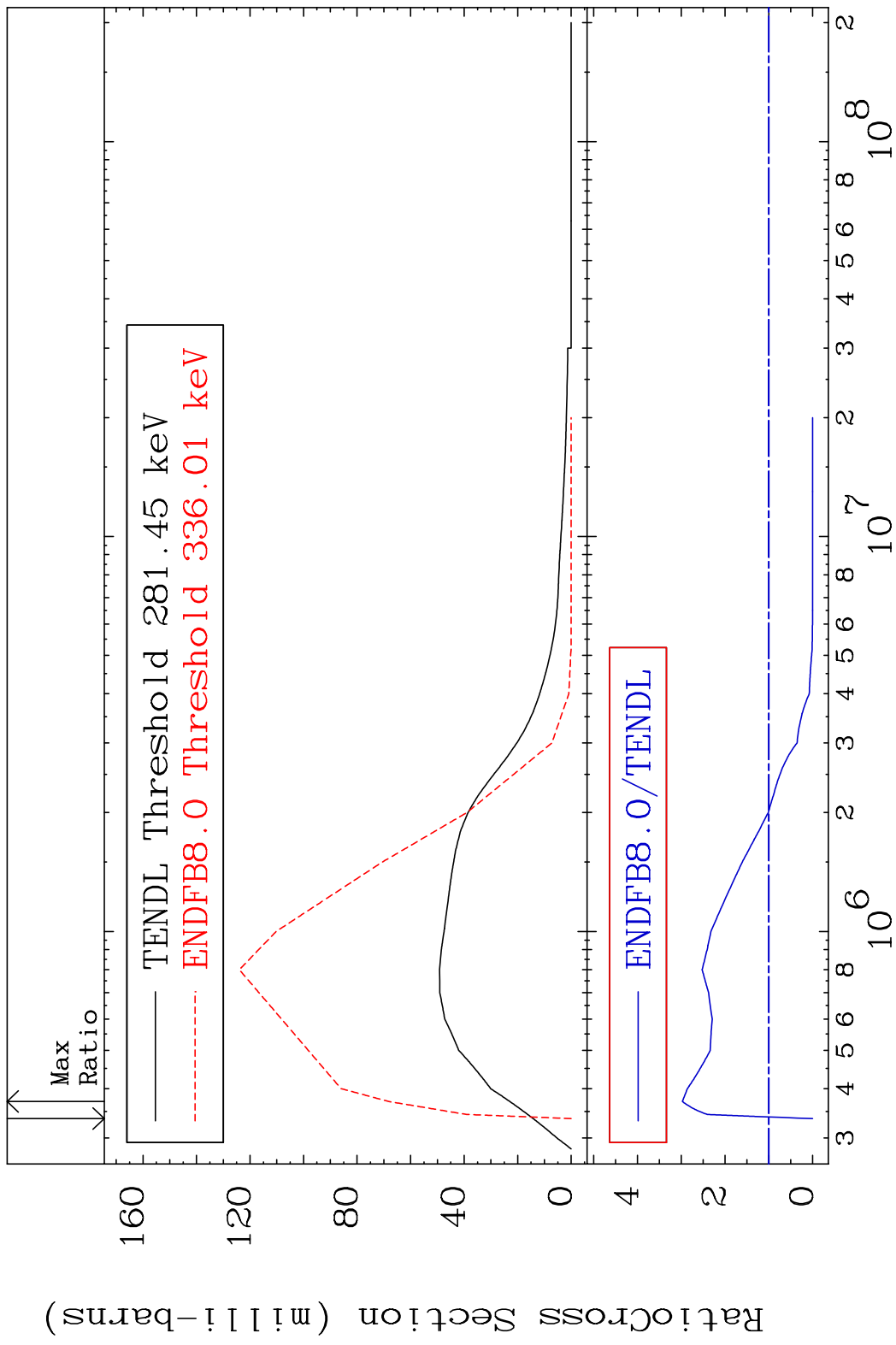
MAT 8825 MT= 60 (n, n') Level 88-Ra-223
 Cross Section -100.0 To 133.3 %



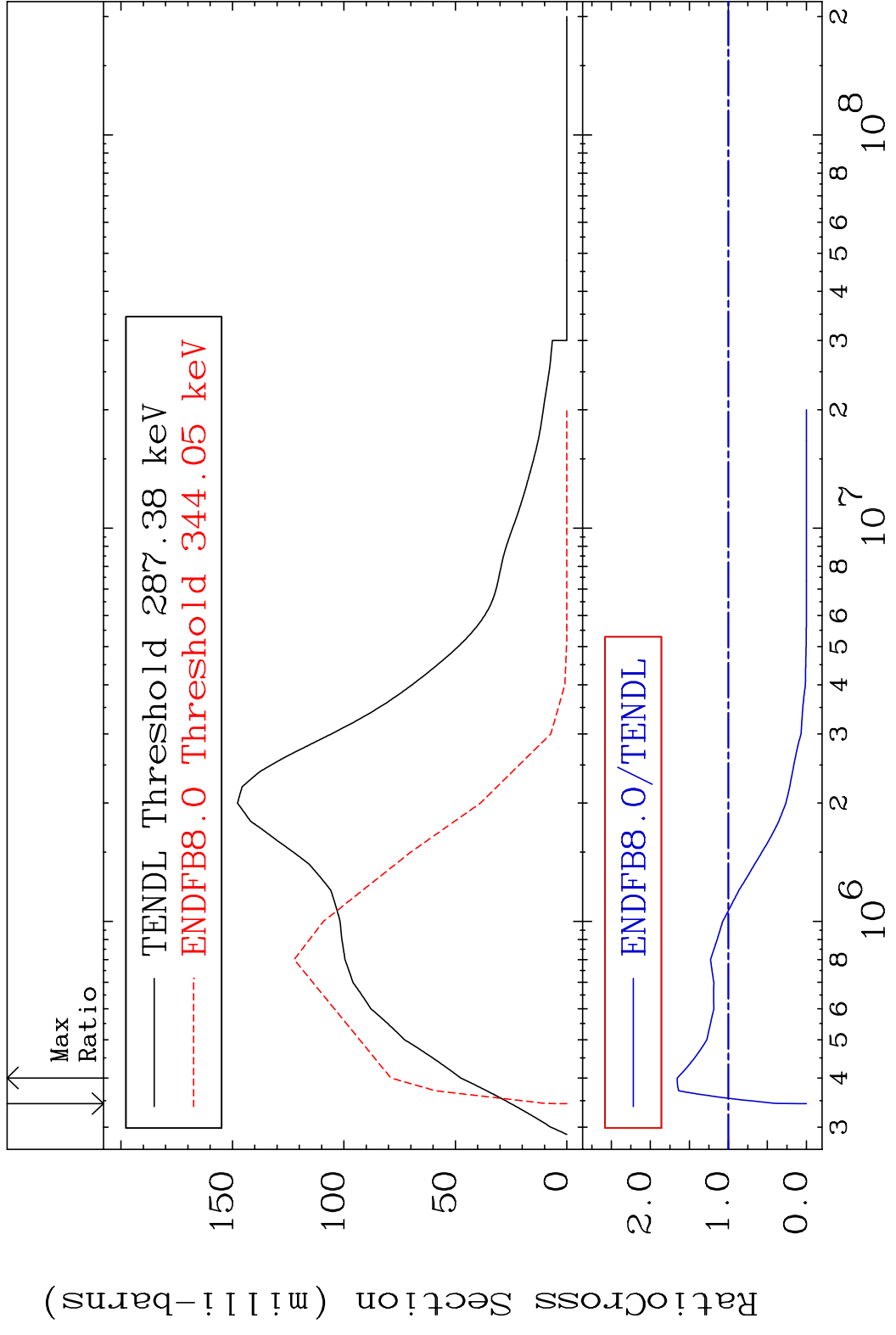
MAT 8825 MT= 61 (n, n') Level 88-Ra-223
 Cross Section -100.0 To 3671. %



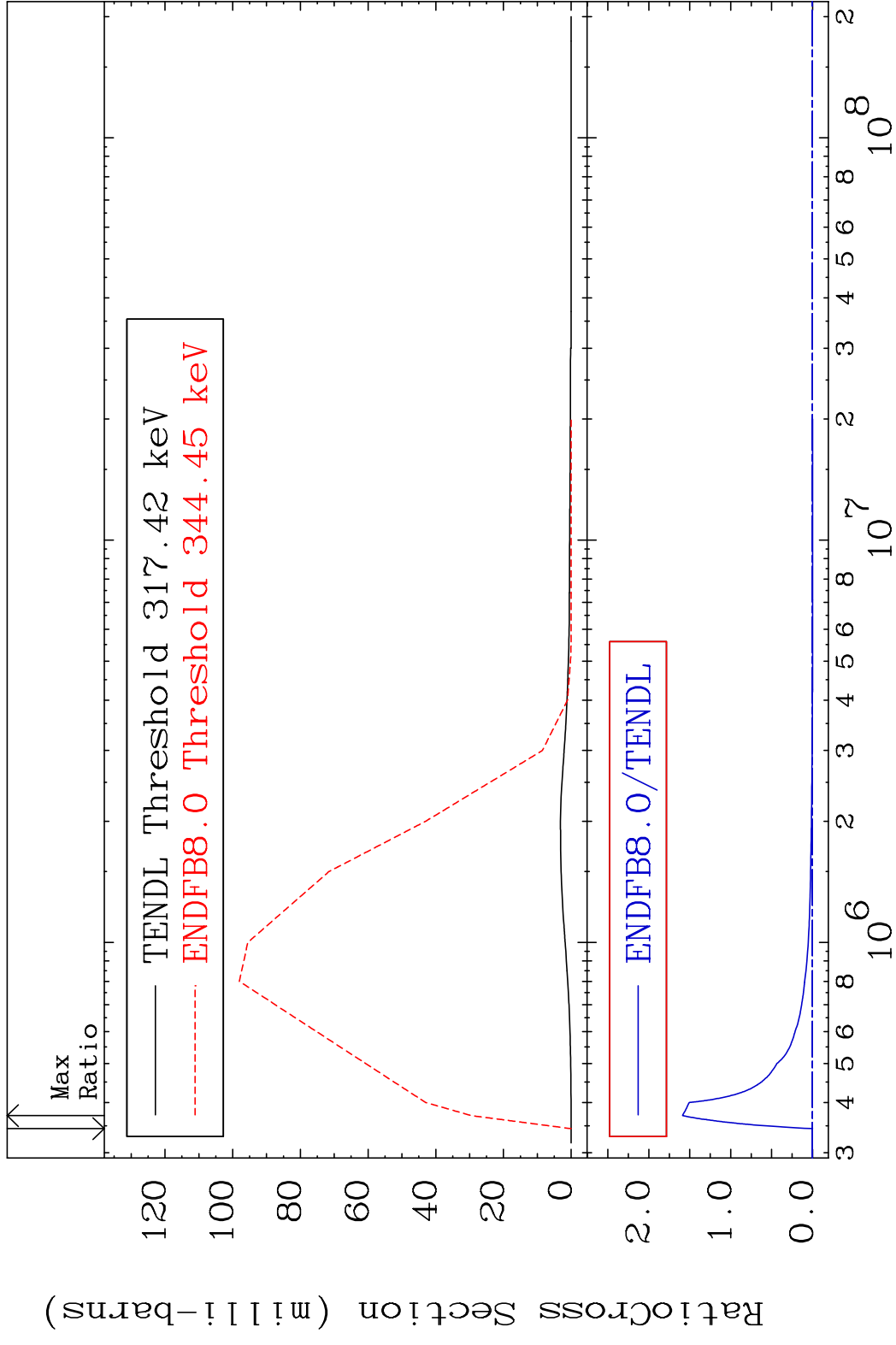
MAT 8825 MT= 62 (n, n') Level 88-Ra-223
 Cross Section -100.0 To 197.4 %



MAT 8825 MT= 63 (n, n') Level 88-Ra-223
 Cross Section -100.0 To 65.65 %



MAT 8825 MT= 64 (n, n') Level 88-Ra-223
 Cross Section -100.0 To 9999. %

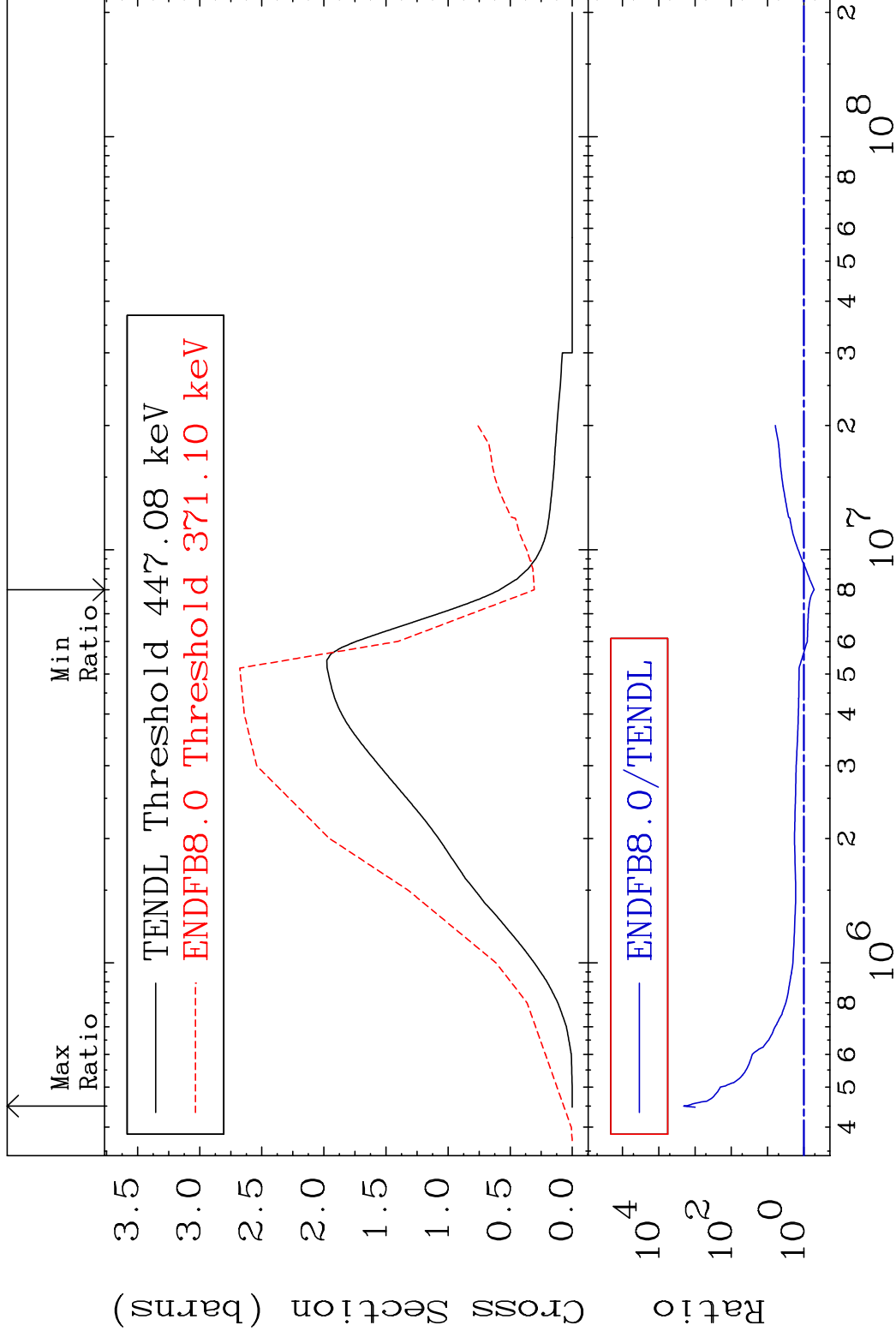


MAT 8825

(n, n') Continuum

88-Ra-223

Cross Section -47.71 To 9999. %



22

Incident Energy (eV)

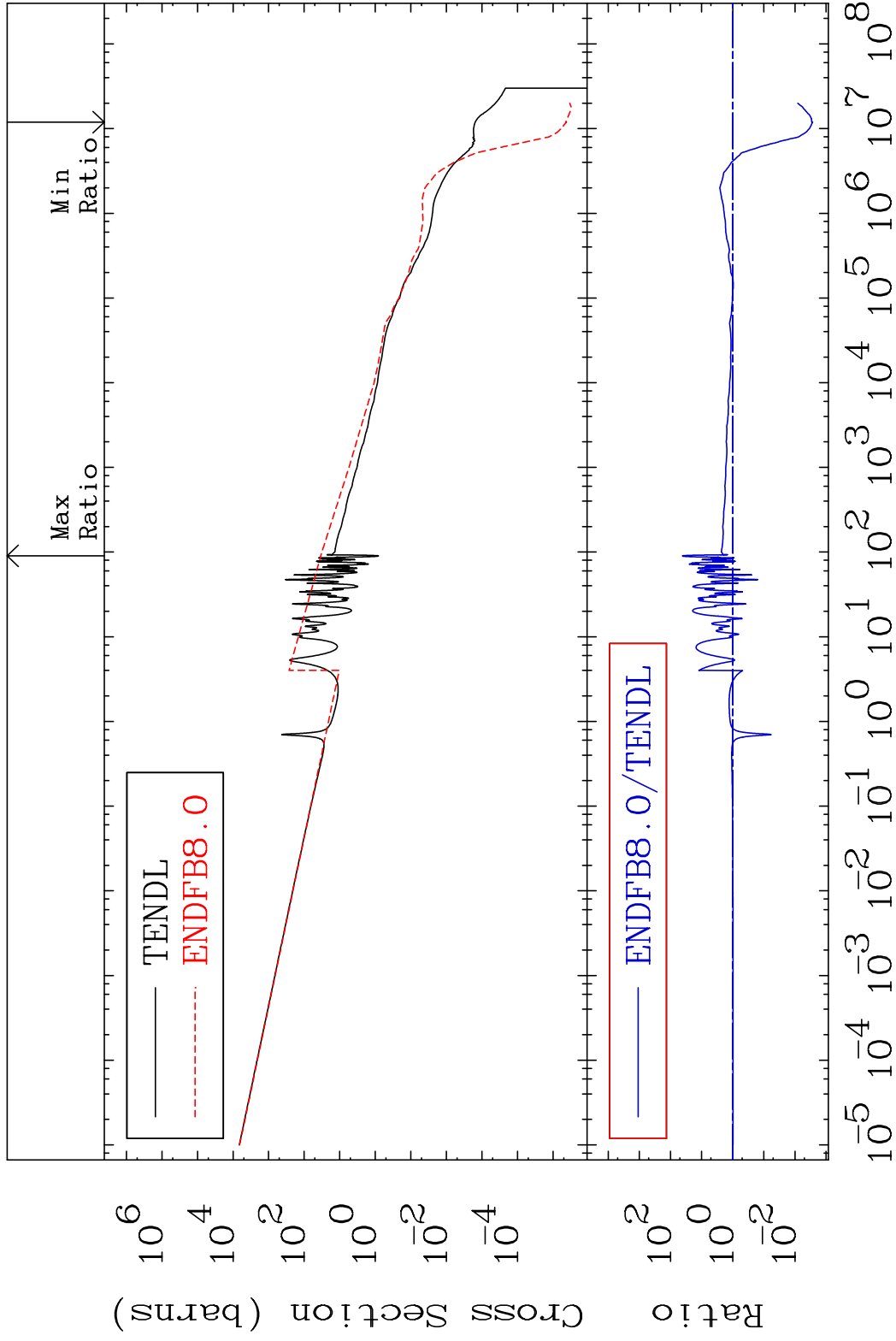
88-Ra-223

MAT 8825

(n, γ)

88-Ra-223

Cross Section -99.73 To 4039. %

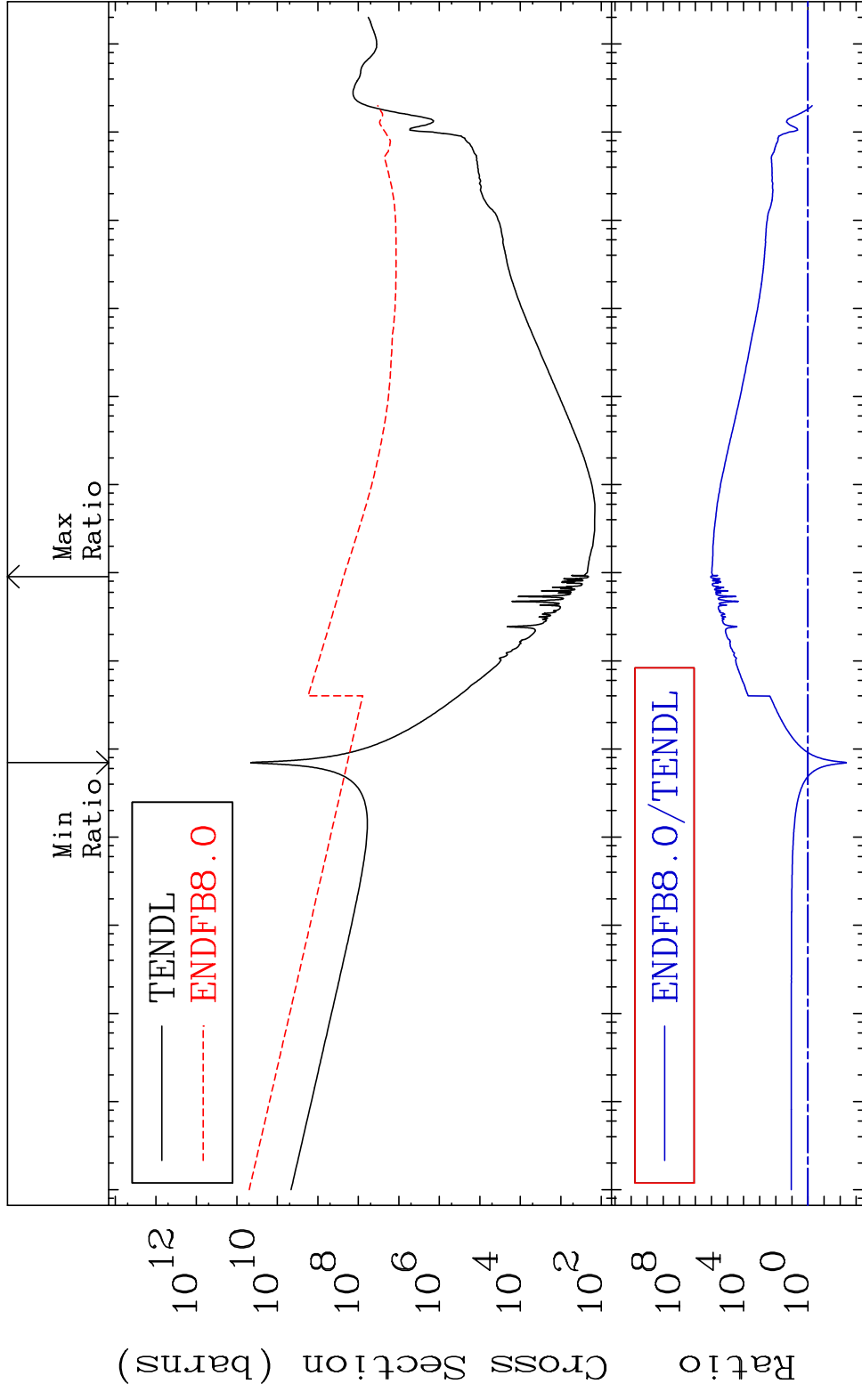


23

Incident Energy (eV)

88-Ra-223

MAT 8825 Kerma total (eV-barns) 88-Ra-223
 Cross Section -99.59 To 9999. %

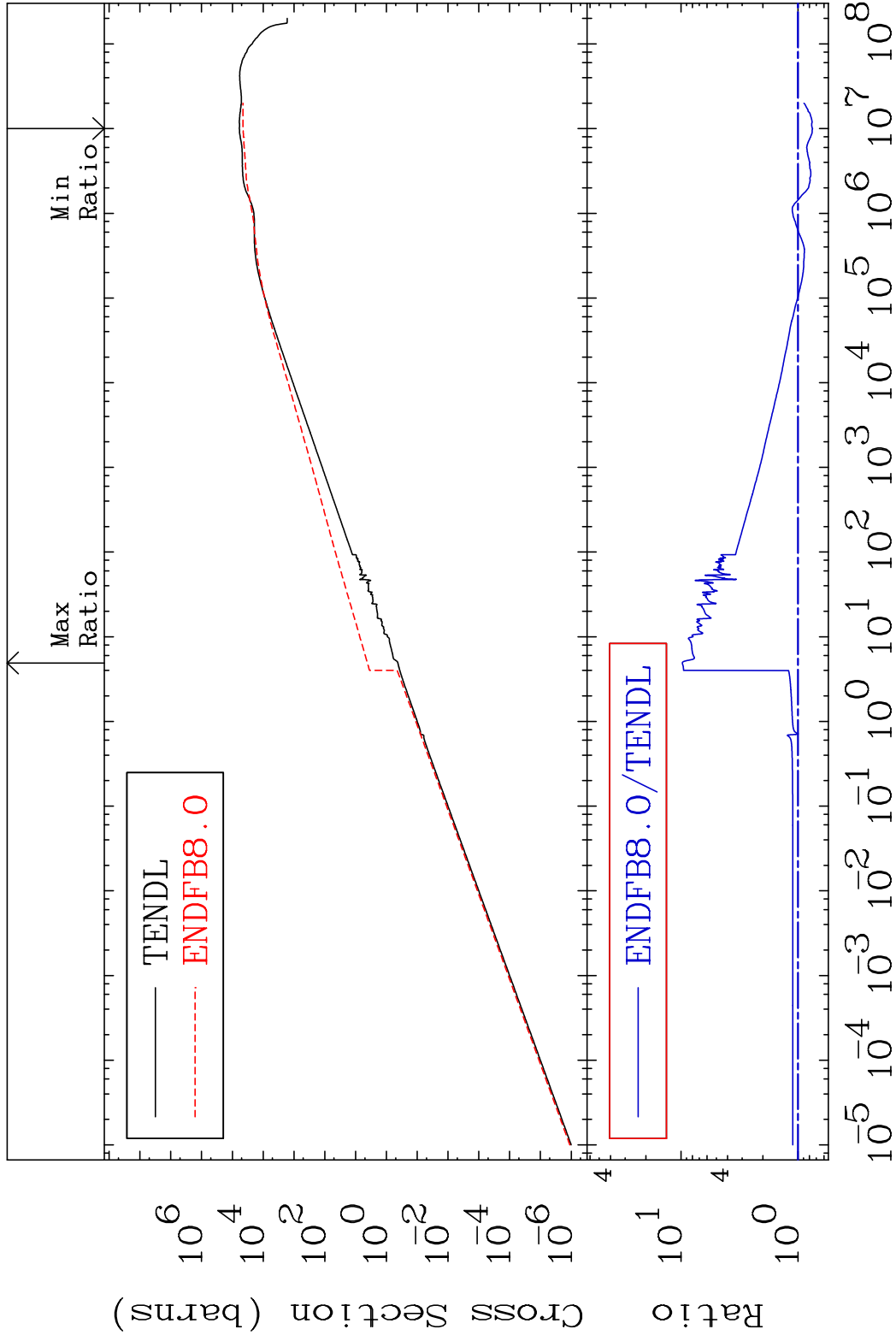


MAT 8825

Kerma elastic
Cross Section

88-Ra-223

-24.82 To 874.6 %

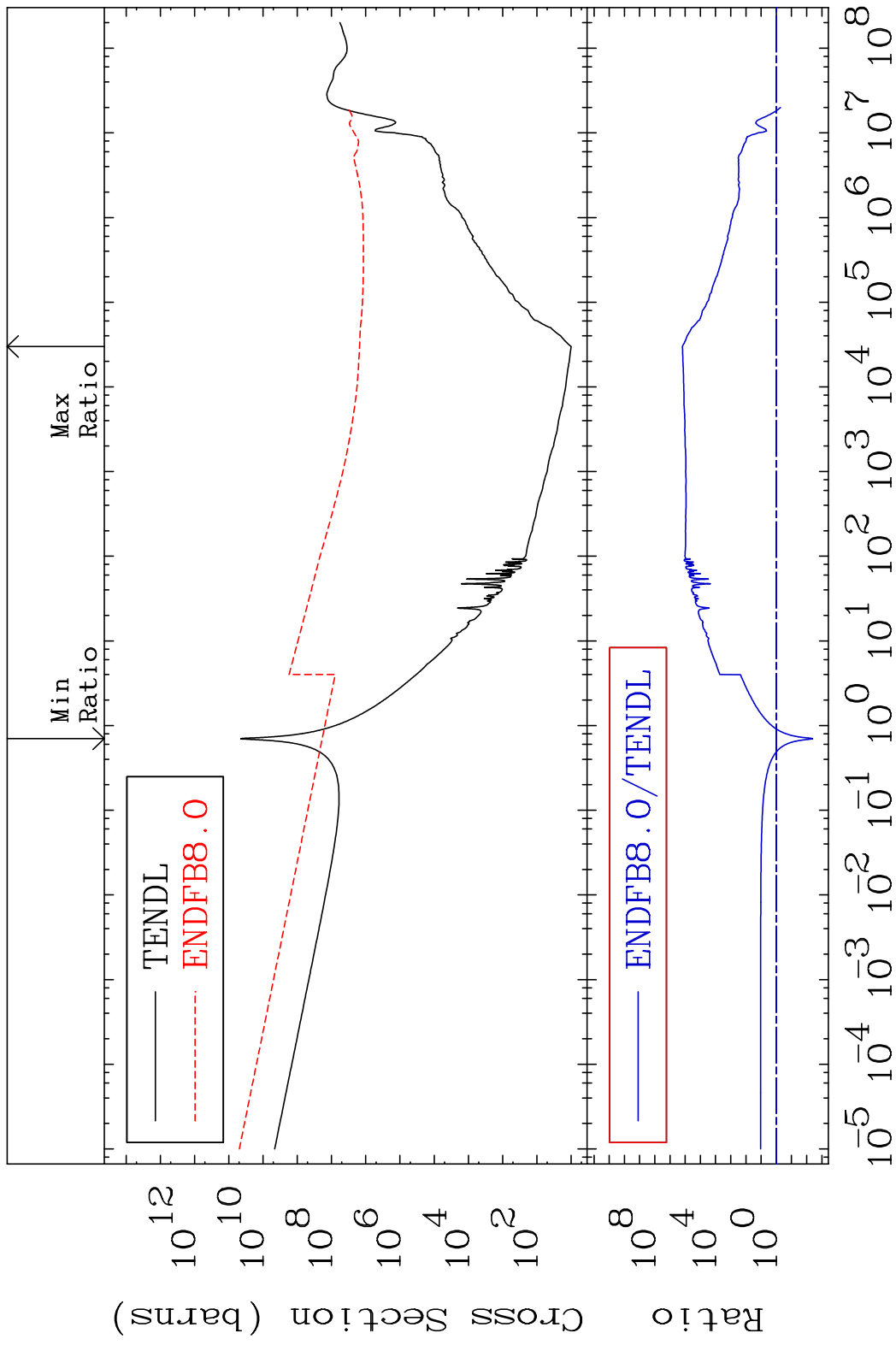


25

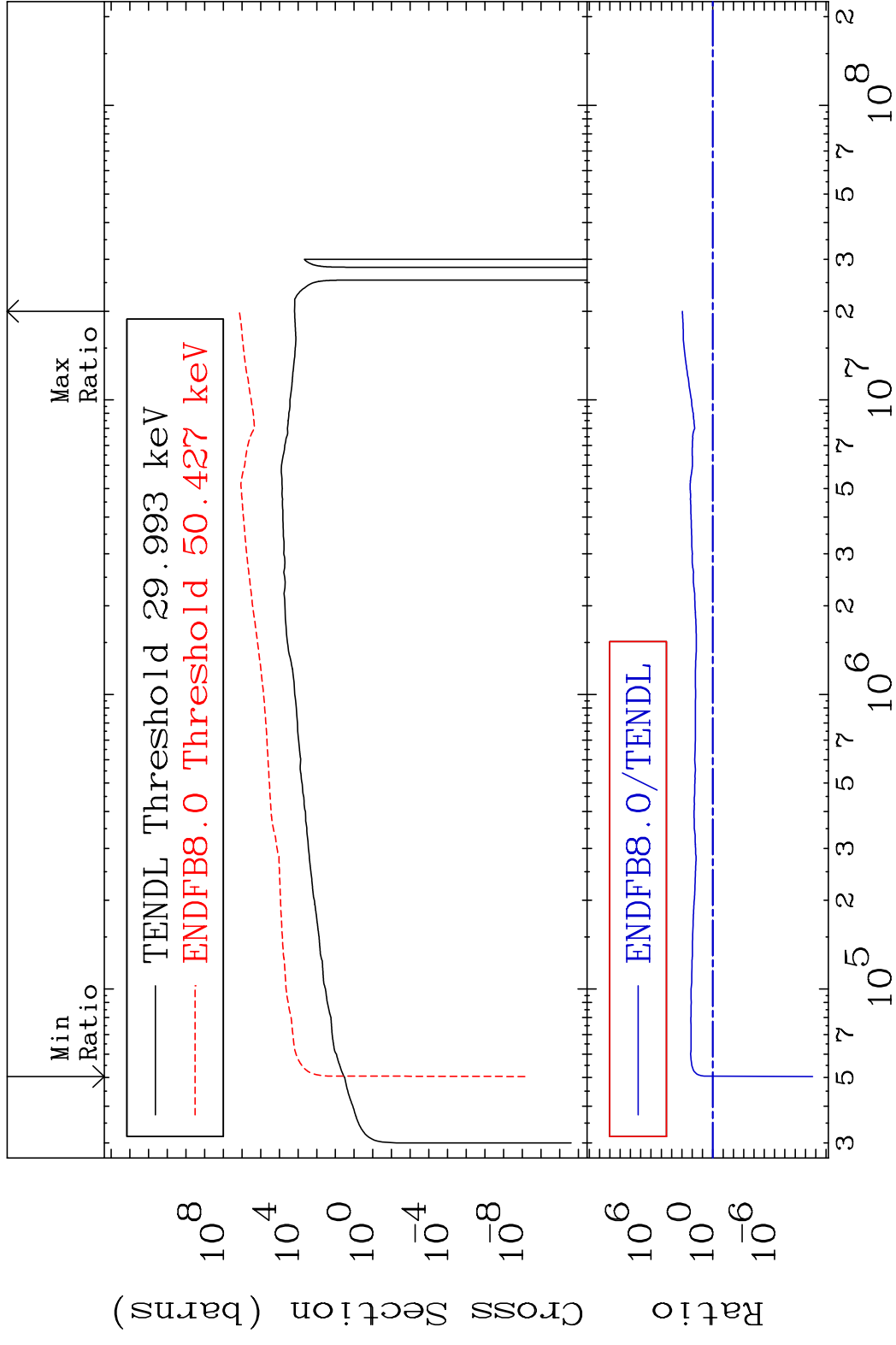
Incident Energy (eV)

88-Ra-223

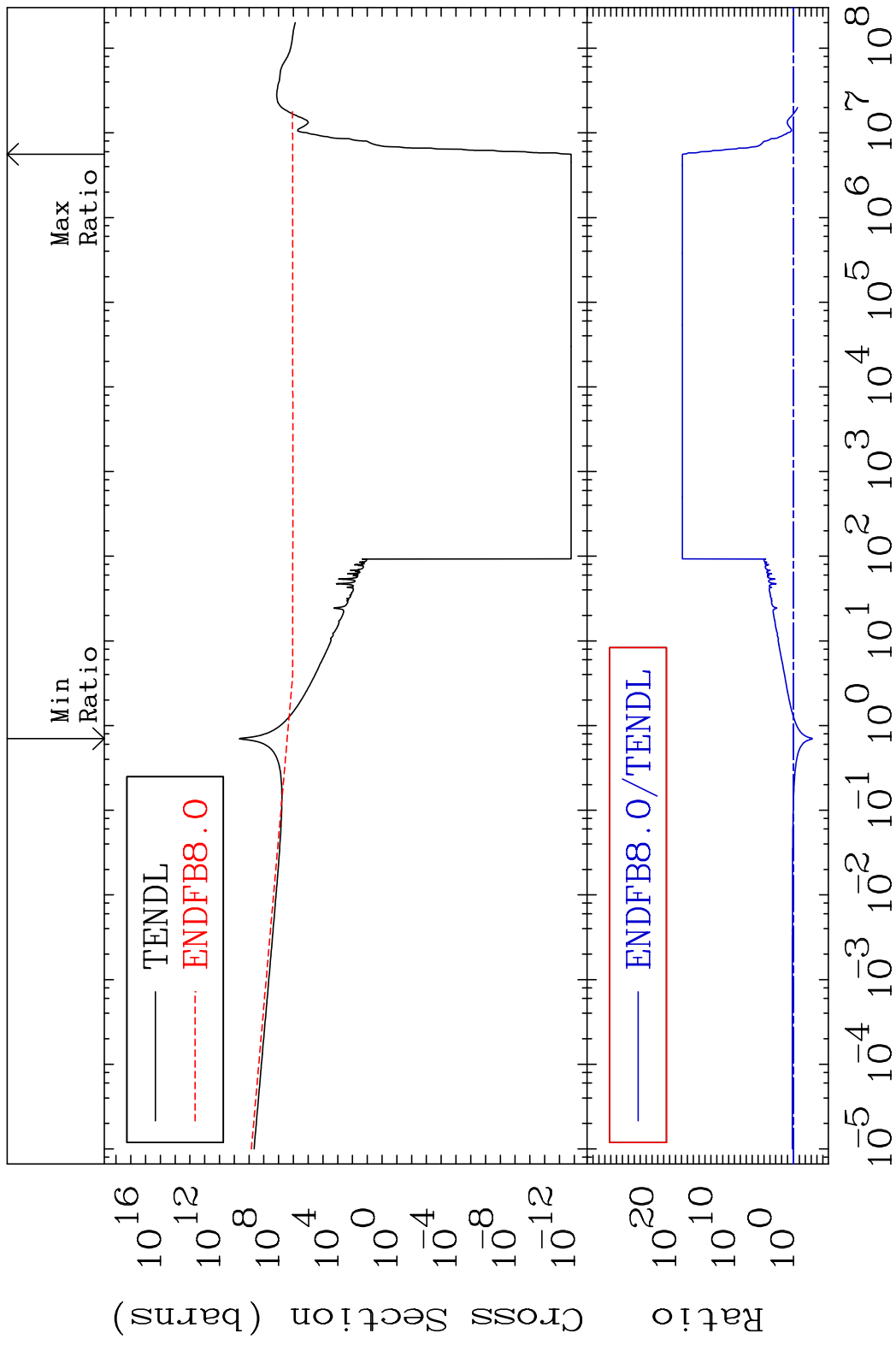
MAT 8825 Kerma non-elastic (all but mt2) 88-Ra-223
 Cross Section -99.59 To 9999. %



MAT 8825 Kerma inelastic (mt51-91) 88-Ra-223
 Cross Section -100.0 To 9999. %

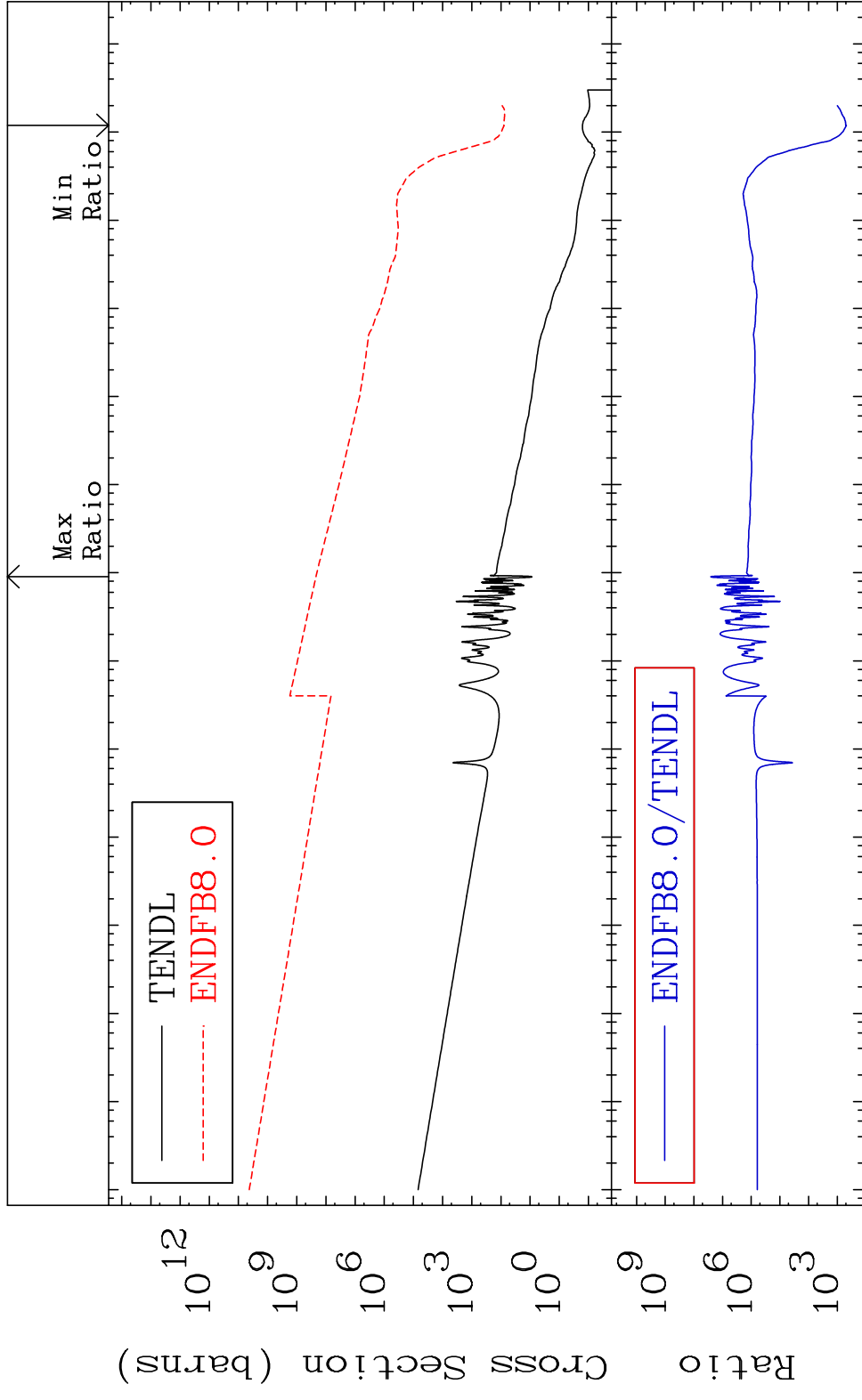


MAT 8825 Kerma fission (mt18 or mt19-20-21-38)88-Ra-223
 Cross Section -99.94 To 9999. %



MAT 8825

Kerma capture (mt102) 88-Ra-223
Cross Section 9999. To 9999. %

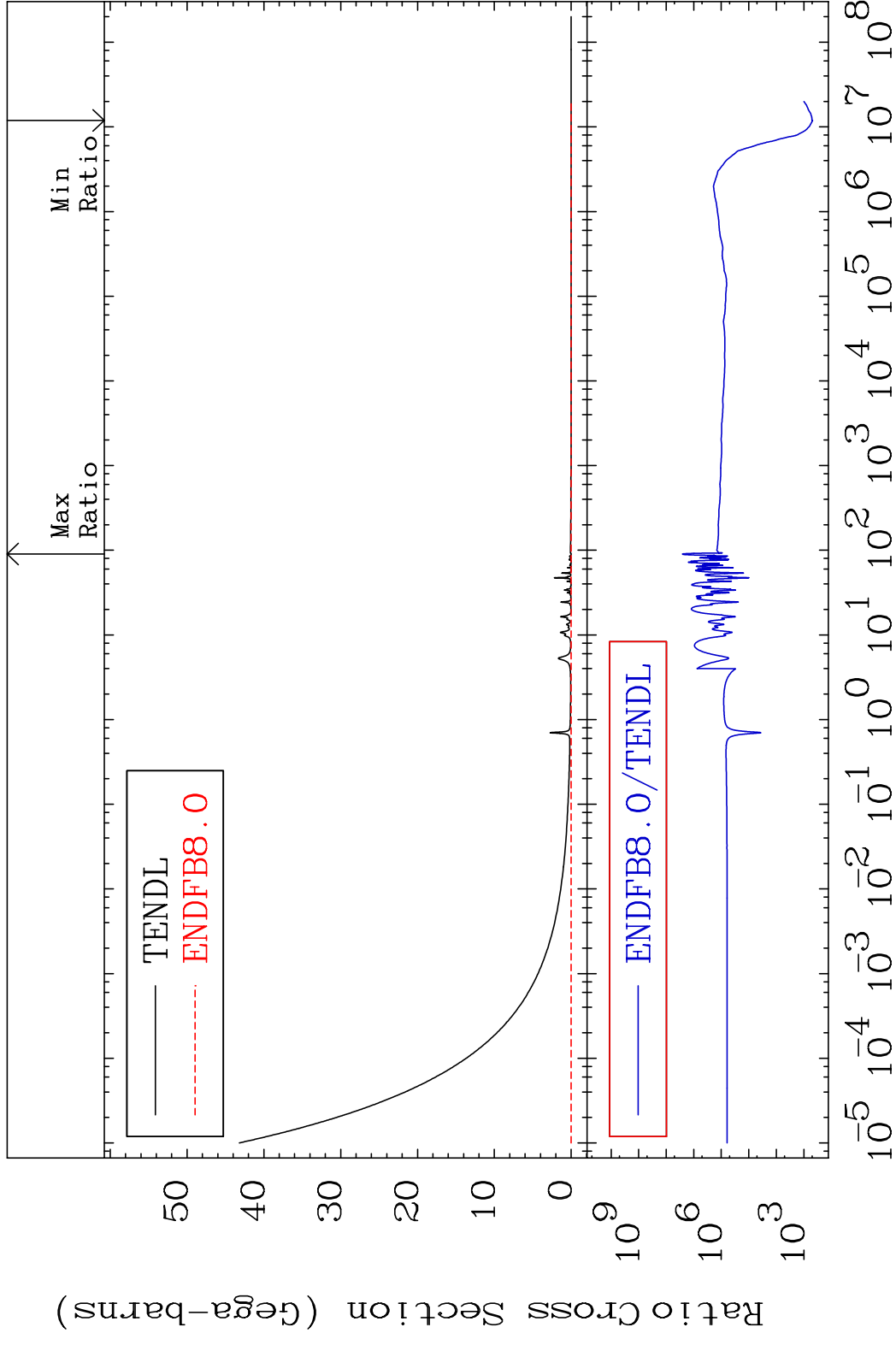


29

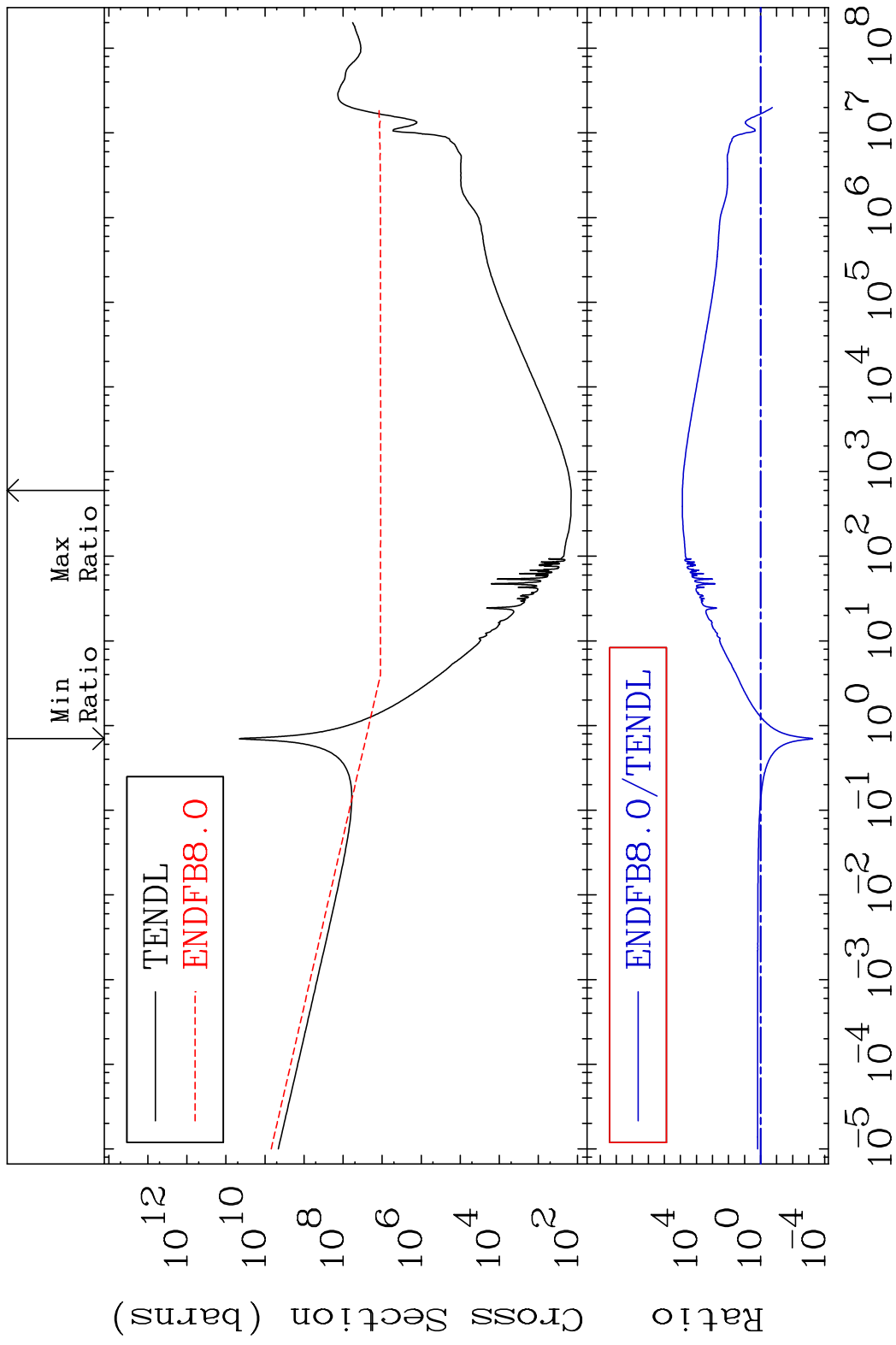
Incident Energy (eV)

88-Ra-223

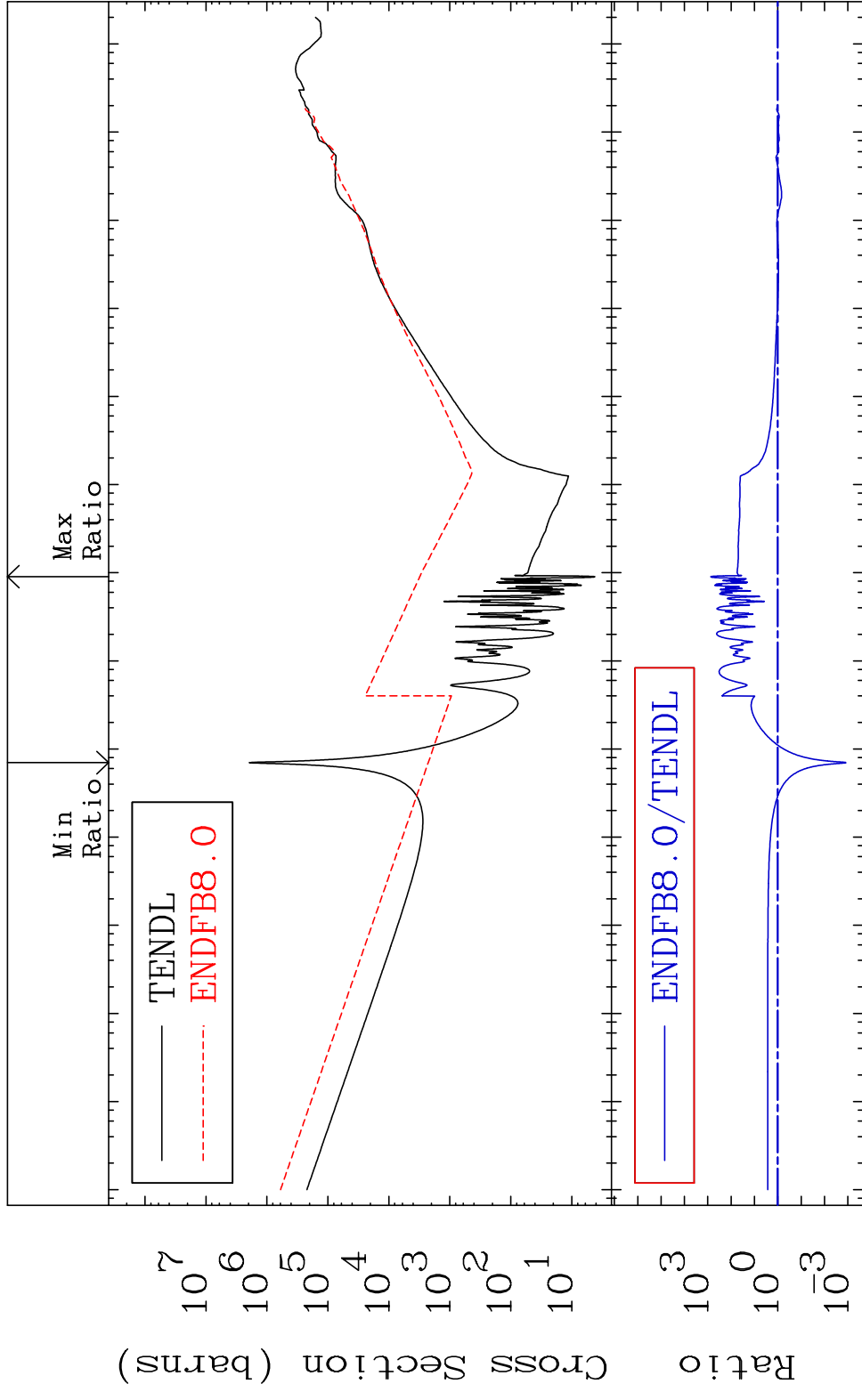
MAT 8825 Total photon (eV-barns) 88-Ra-223
 Cross Section 9999. To 9999. %



MAT 8825 Total kinematic kerma (high limit) 88-Ra-223
 Cross Section -99.94 To 9999. %



MAT 8825 Dpa total (eV-barns) 88-Ra-223
 Cross Section -99.88 To 9999. %

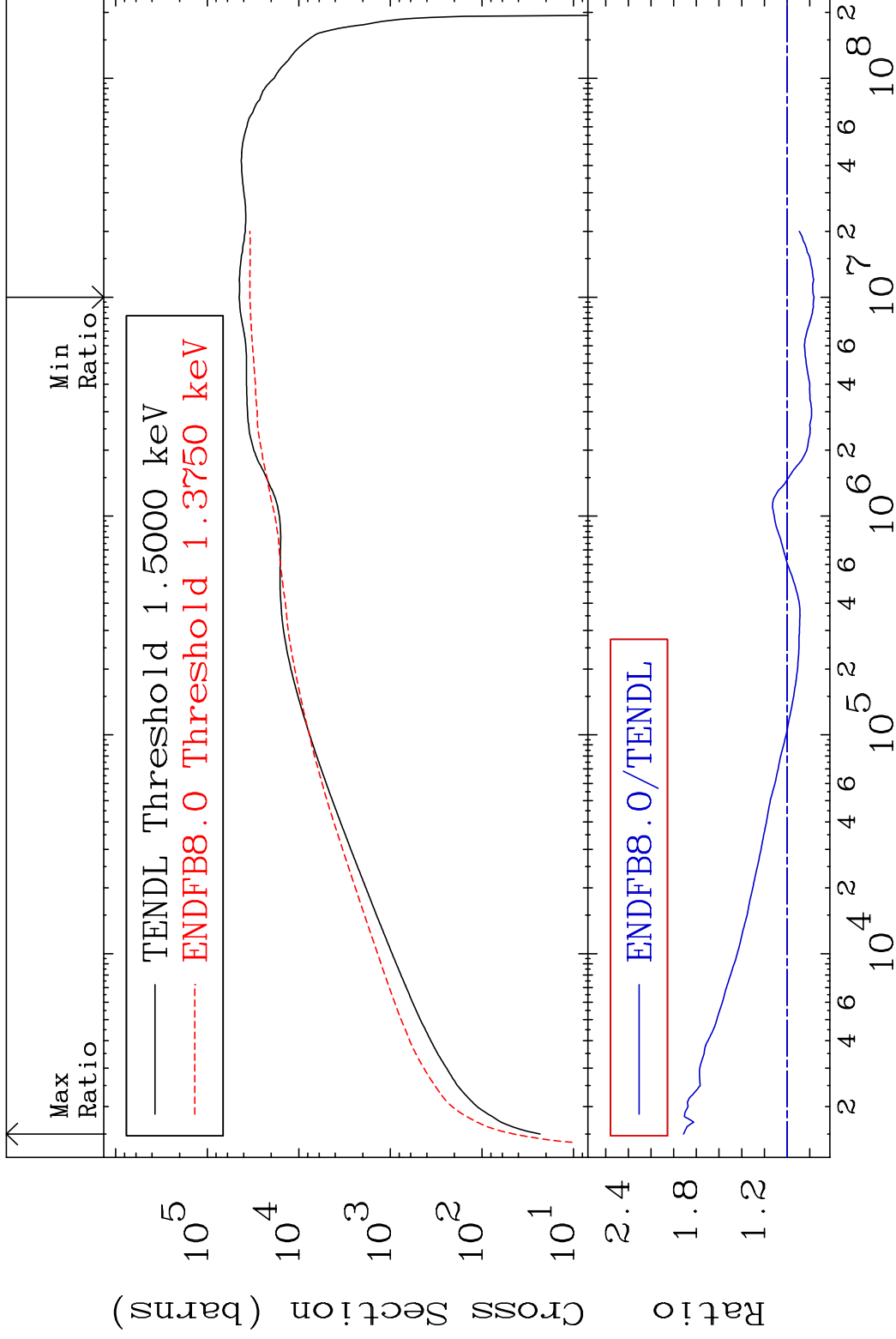


MAT 8825

Dpa elastic (mt2)

88-Ra-223

Cross Section -23.83 To 91.42 %

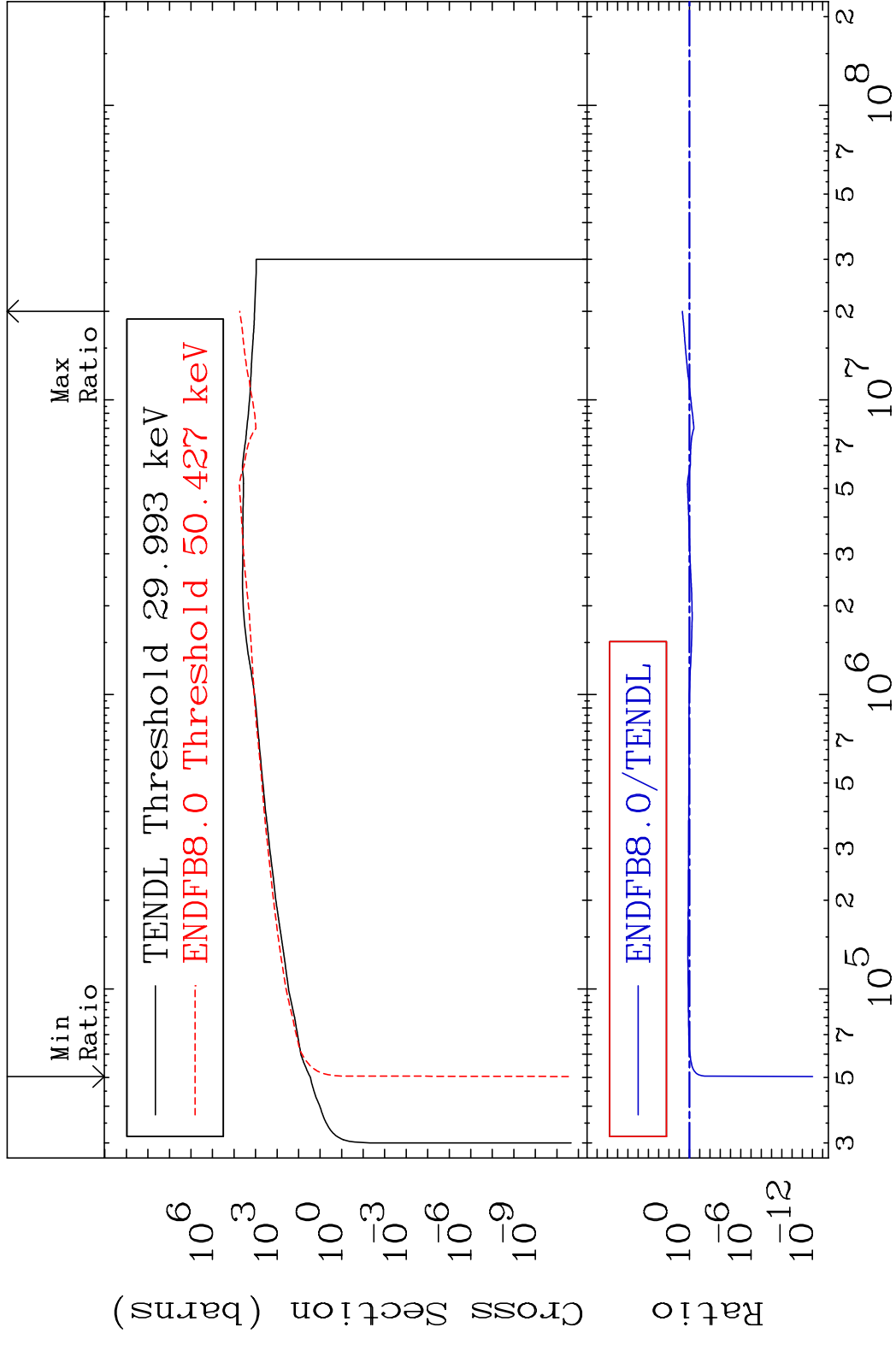


33

Incident Energy (eV)

88-Ra-223

MAT 8825 Dpa inelastic (mt51-91) 88-Ra-223
 Cross Section -100.0 To 391.9 %



MAT 8825 Dpa disappearance (mt102 -120) 88-Ra-223
 Cross Section -99.99 To 9999. %

