

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

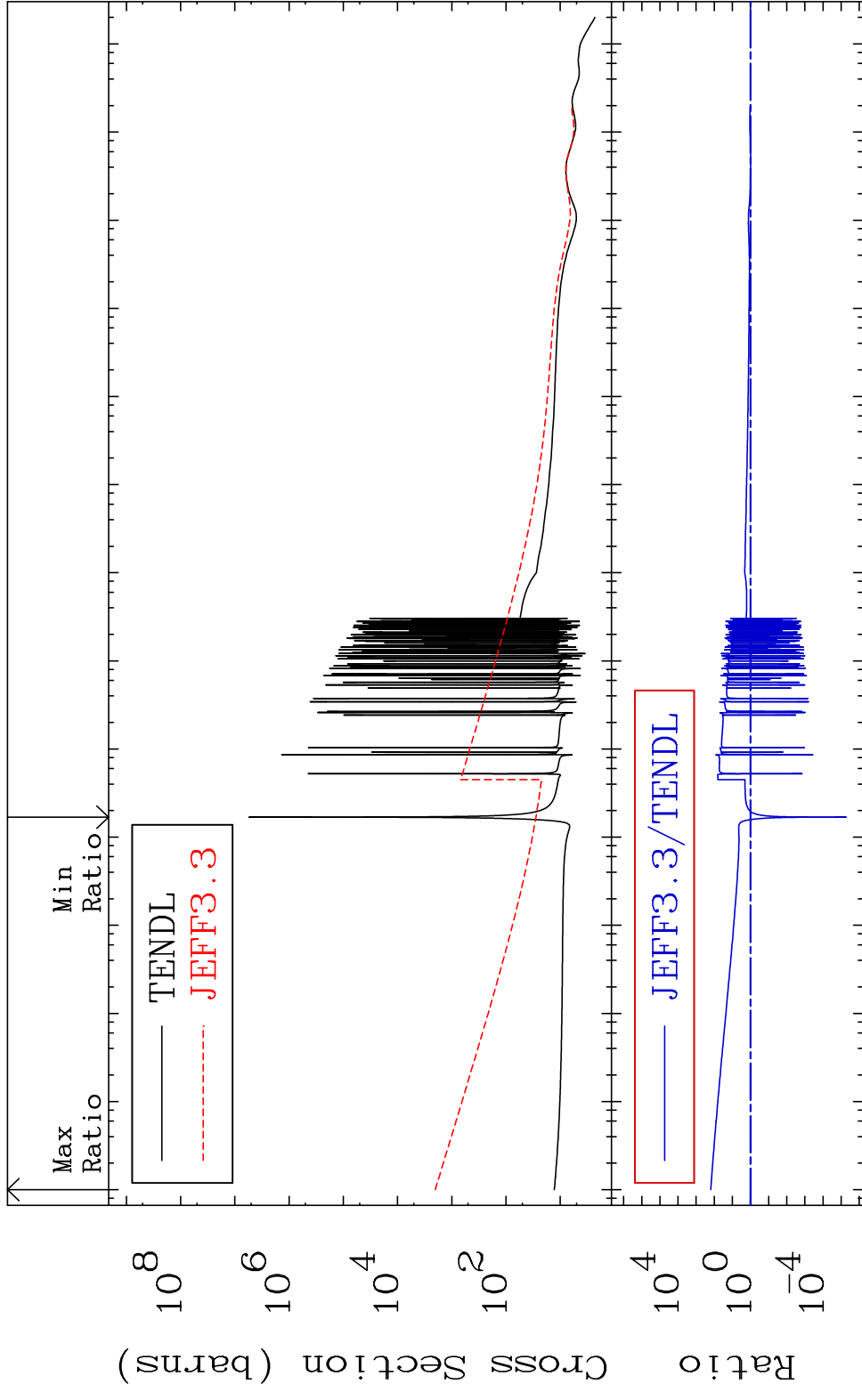
Press Mouse Button to Start

MAT 8925

89-Ac-225

Total

Cross Section -100.0 To 9999. %

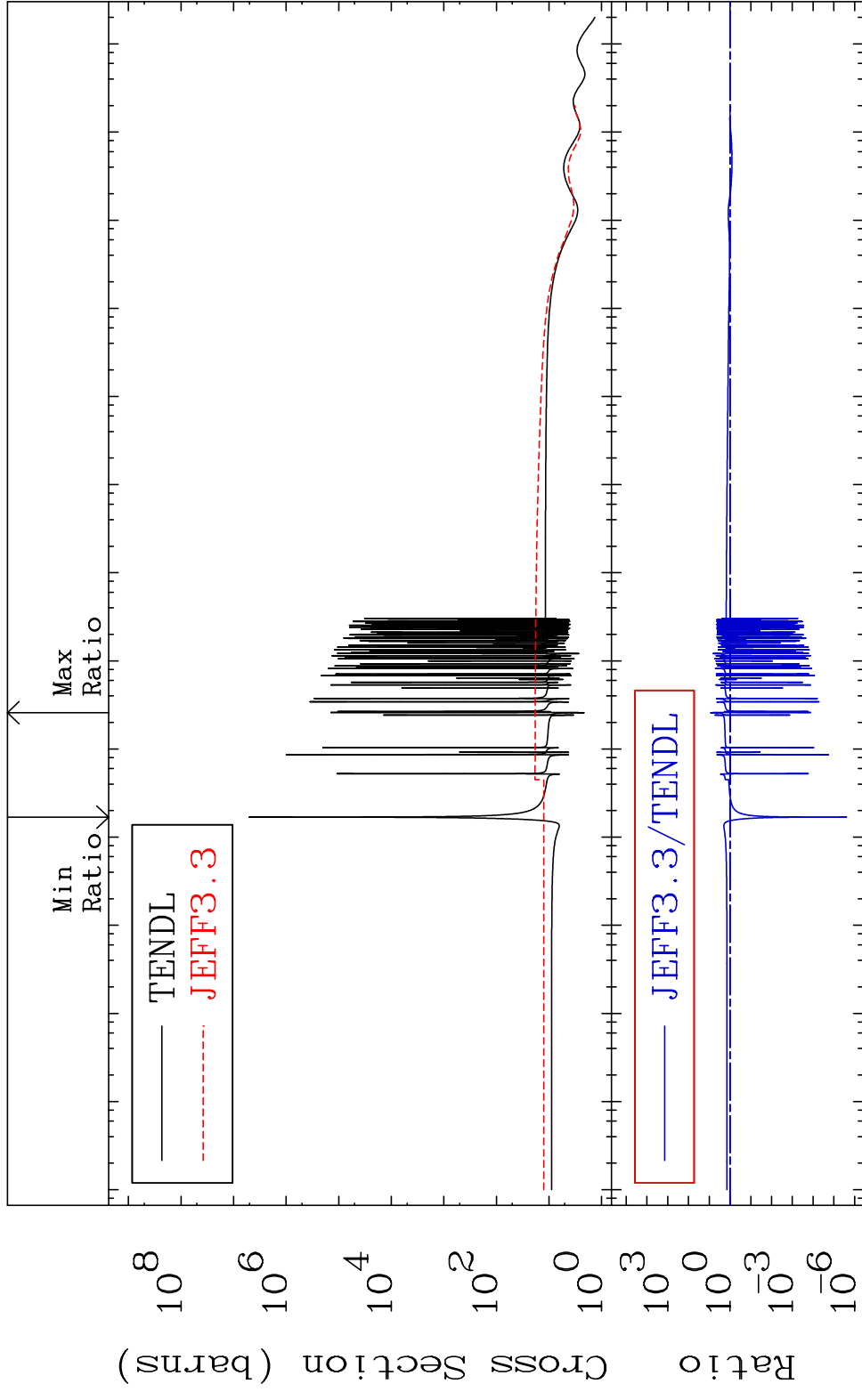


10⁸ 10⁶ 10⁴ 10² 10⁰ 10⁻² 10⁻⁴ 10⁻⁵ 10⁻³ 10⁻¹ 10¹ 10³ 10⁵ 10⁷ 10⁸

1 Incident Energy (eV) 89-Ac-225

MAT 8925

Elastic Cross Section -100.0 To 750.0 %

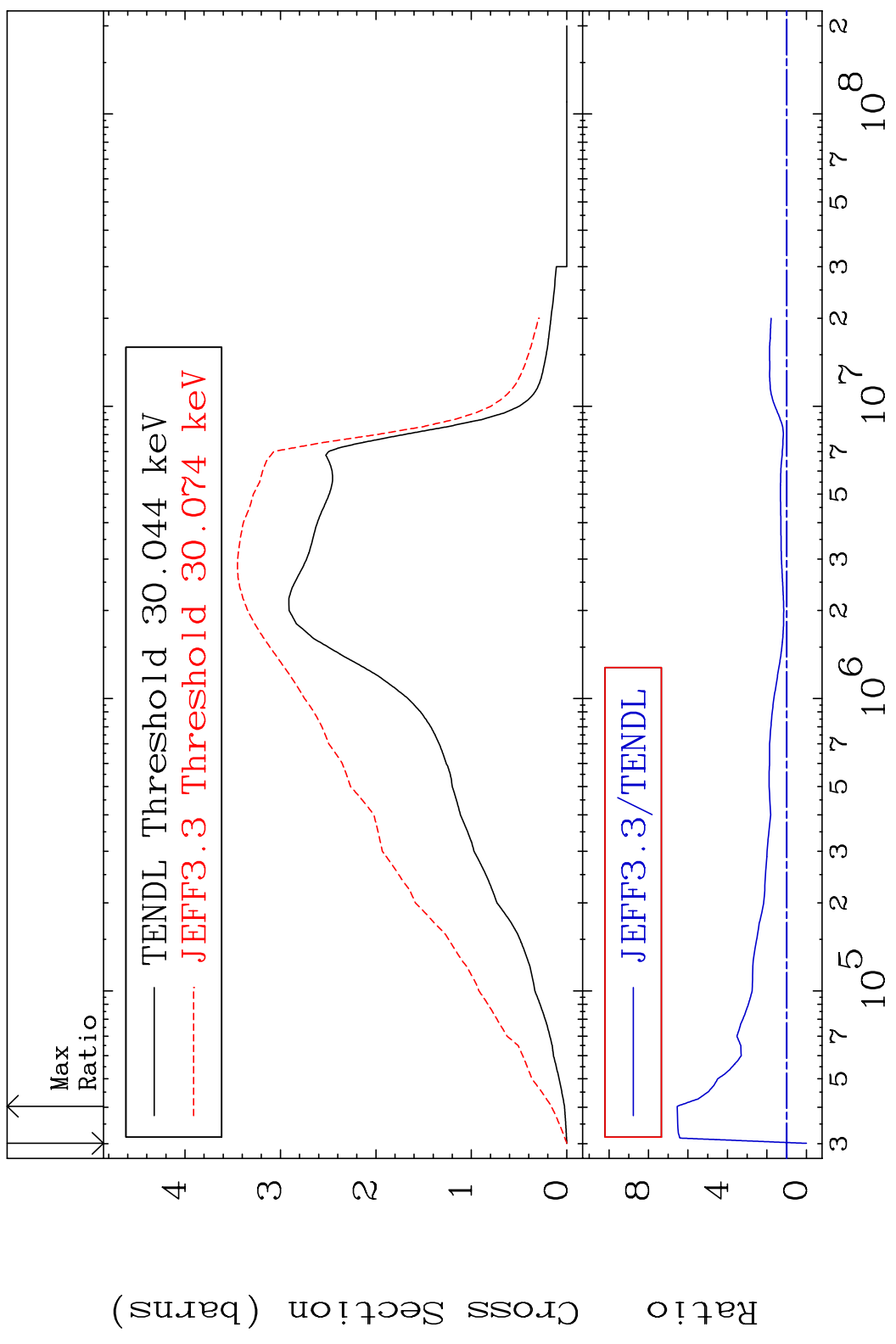


MAT 8925

Inelastic

89-Ac-225

Cross Section -100.0 To 554.6 %



3

Incident Energy (eV)

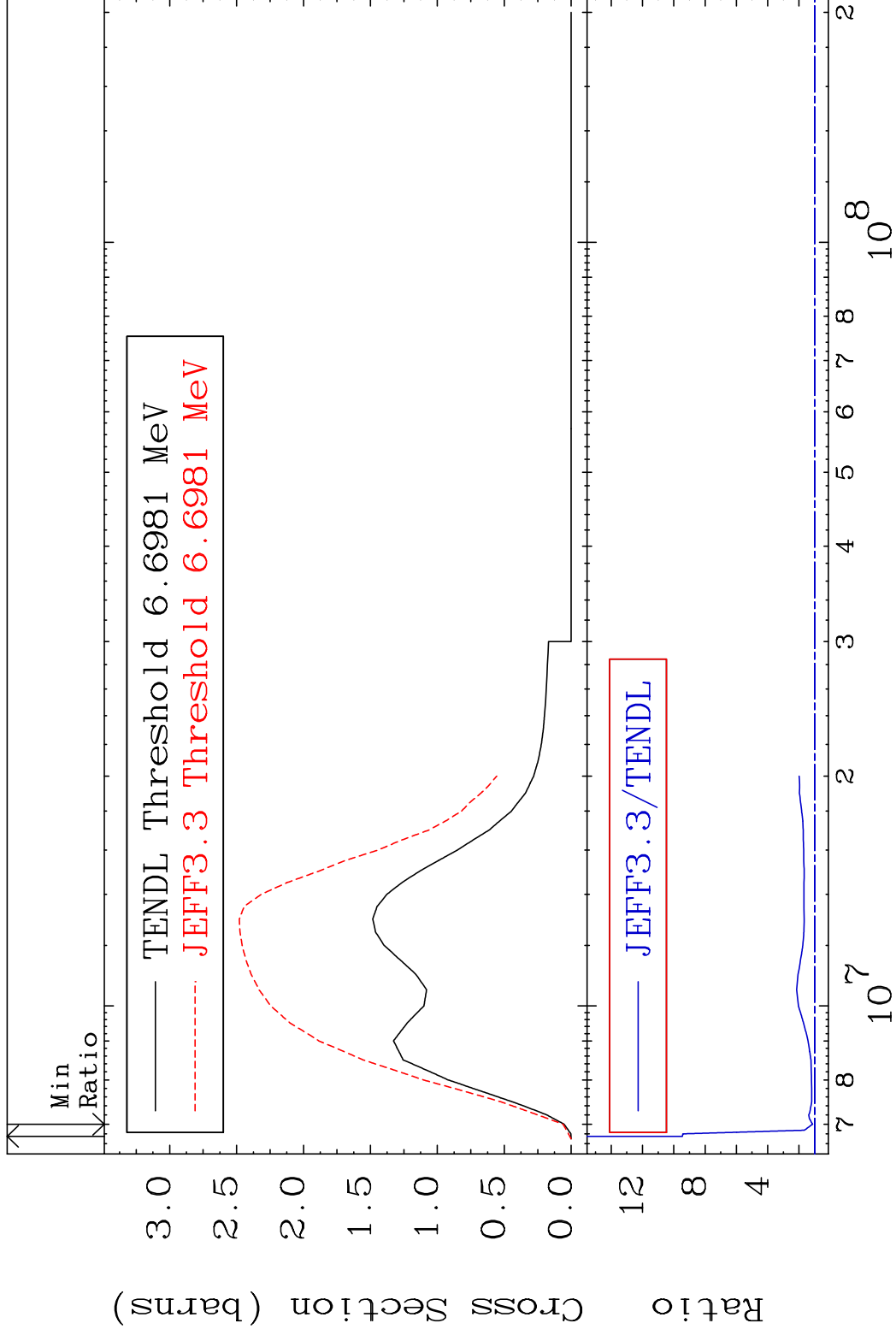
89-Ac-225

MAT 8925

(n,2n)

89-Ac-225

Cross Section 13.51 To 845.3 %



4

Incident Energy (eV)

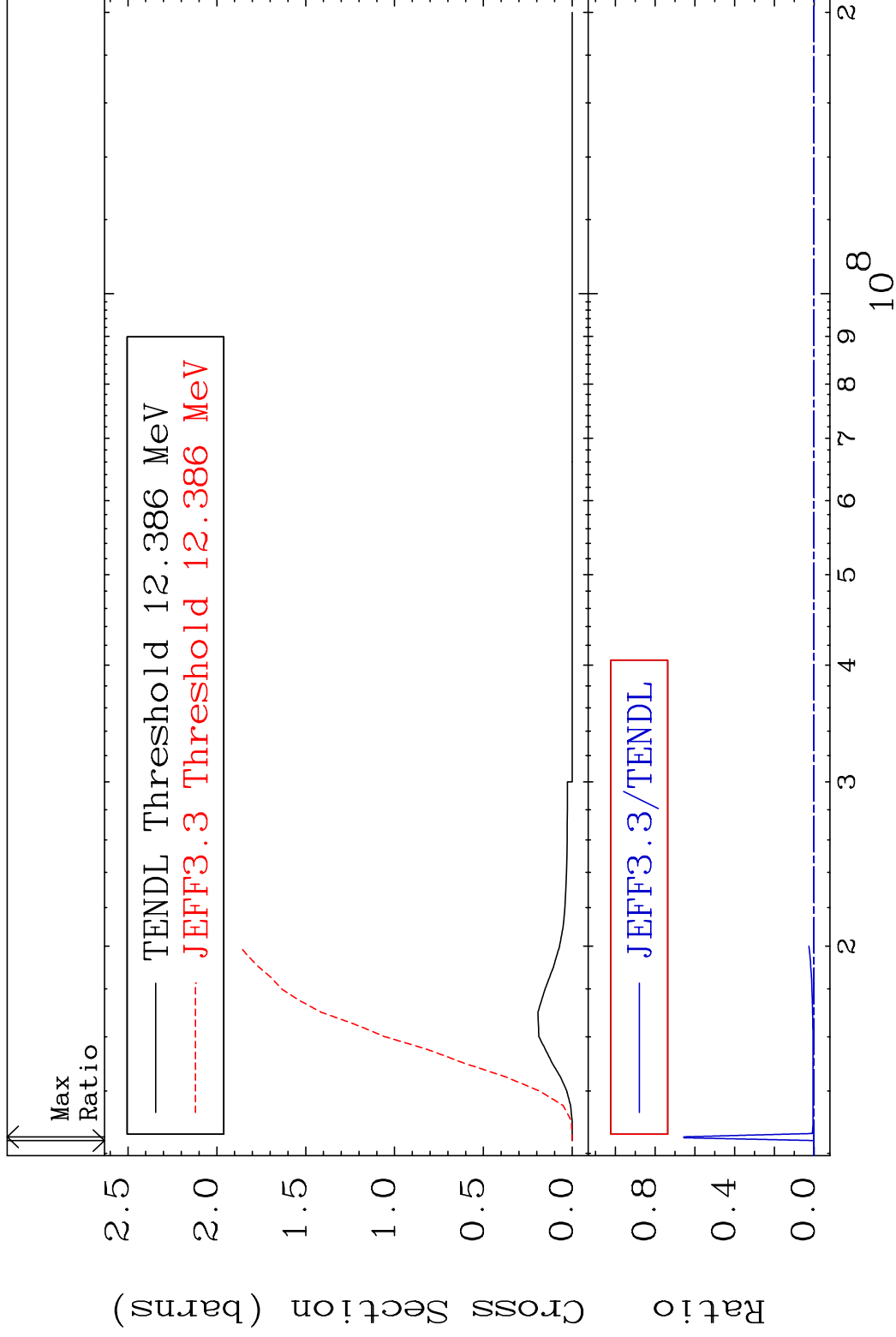
89-Ac-225

MAT 8925

(n,3n)

89-Ac-225

Cross Section -100.0 To 9999. %



5

Incident Energy (eV)

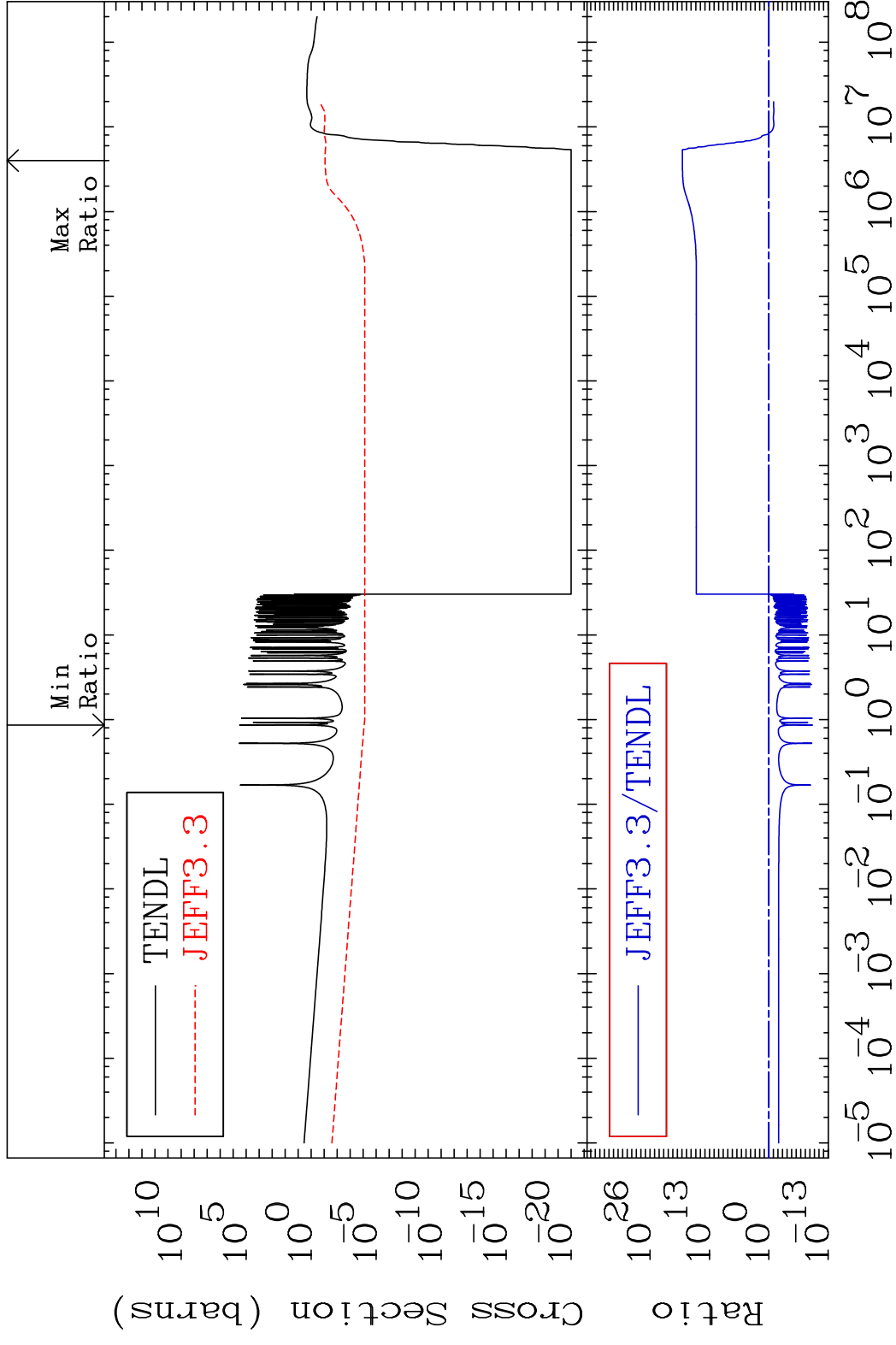
89-Ac-225

MAT 8925

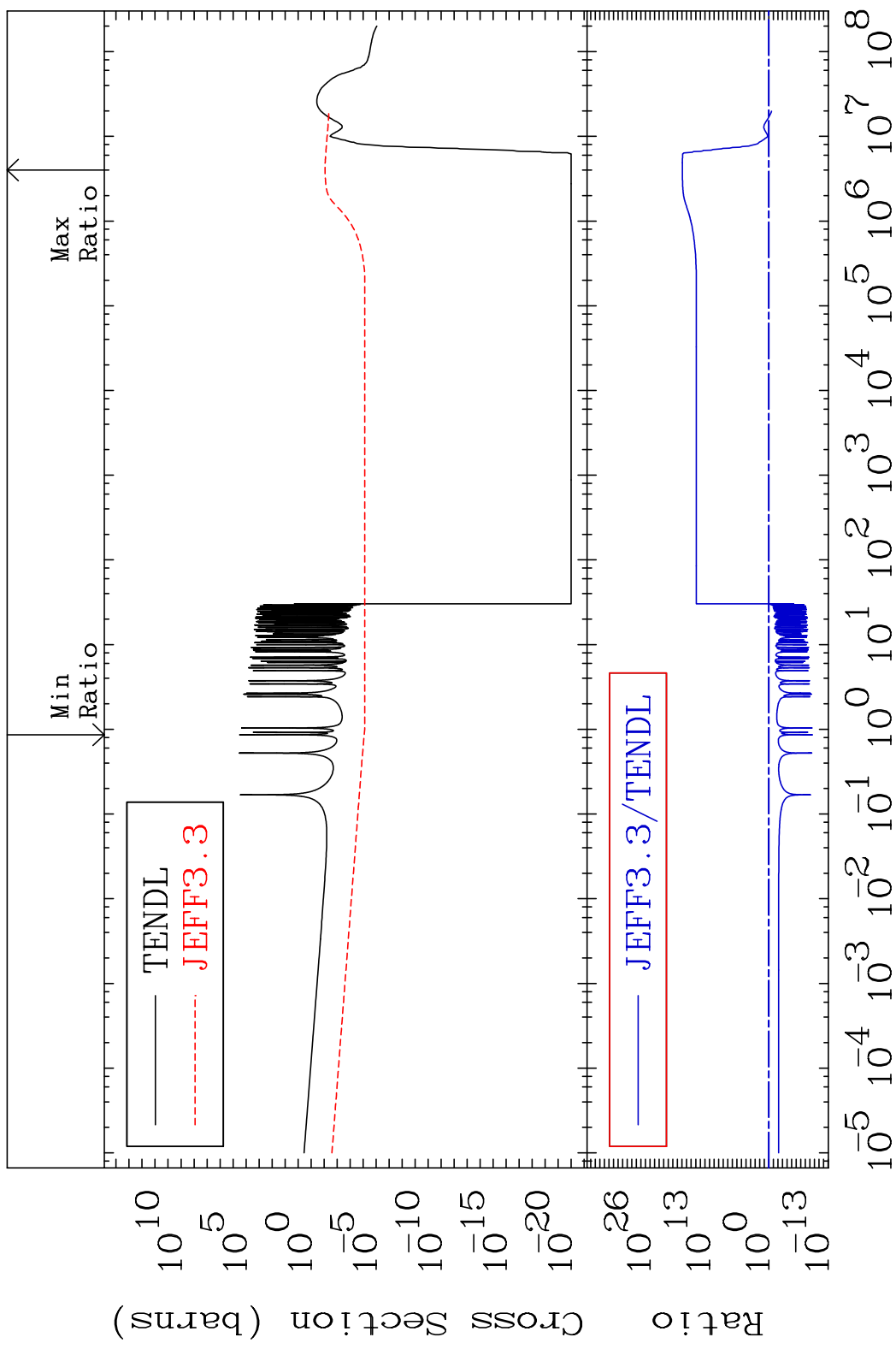
89-Ac-225

Fission

Cross Section -100.0 To 9999. %



Cross Section -100.0 To 9999. %

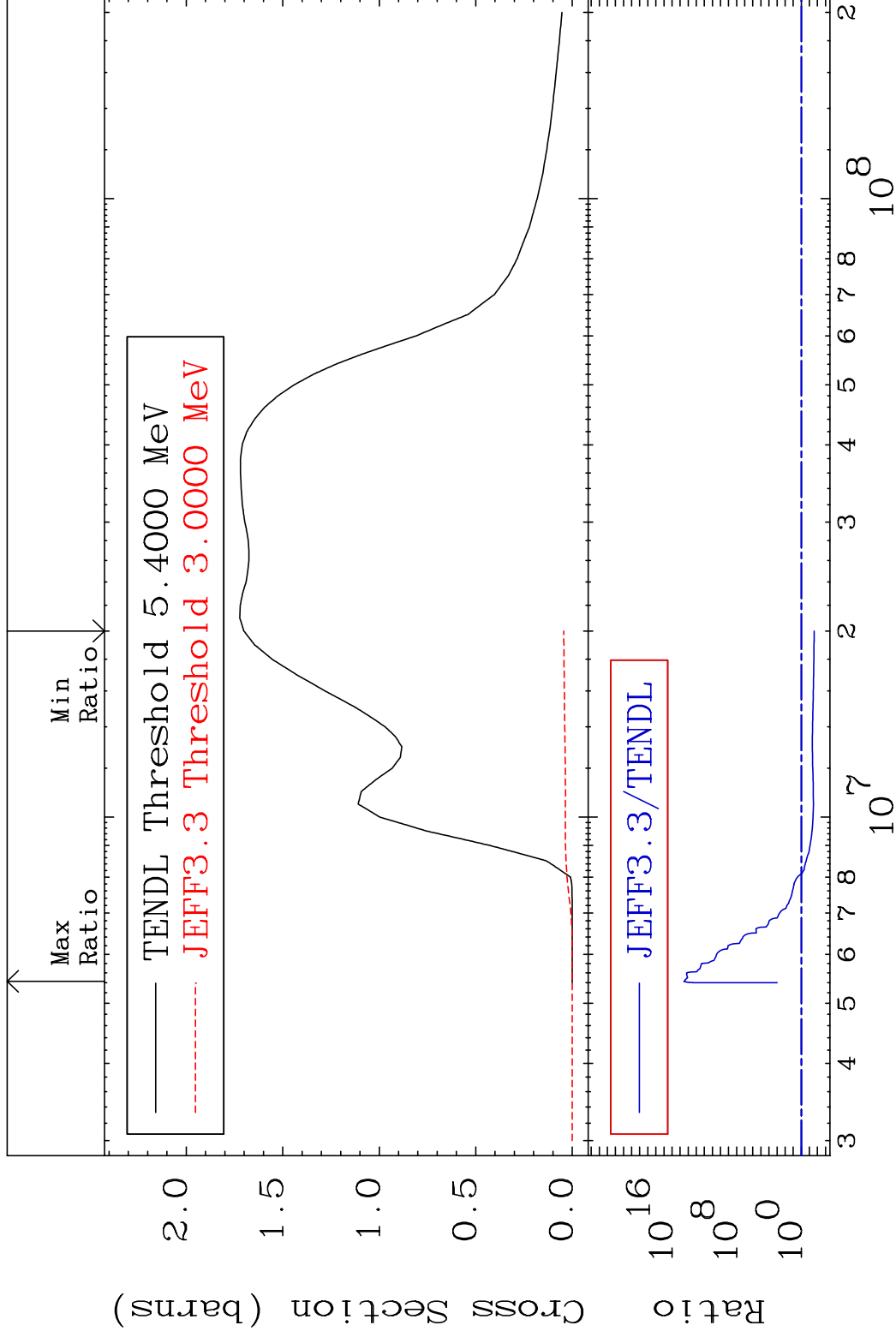


MAT 8925

(n, nf) Second Chance

89-Ac-225

Cross Section -97.41 To 9999. %



8

Incident Energy (eV)

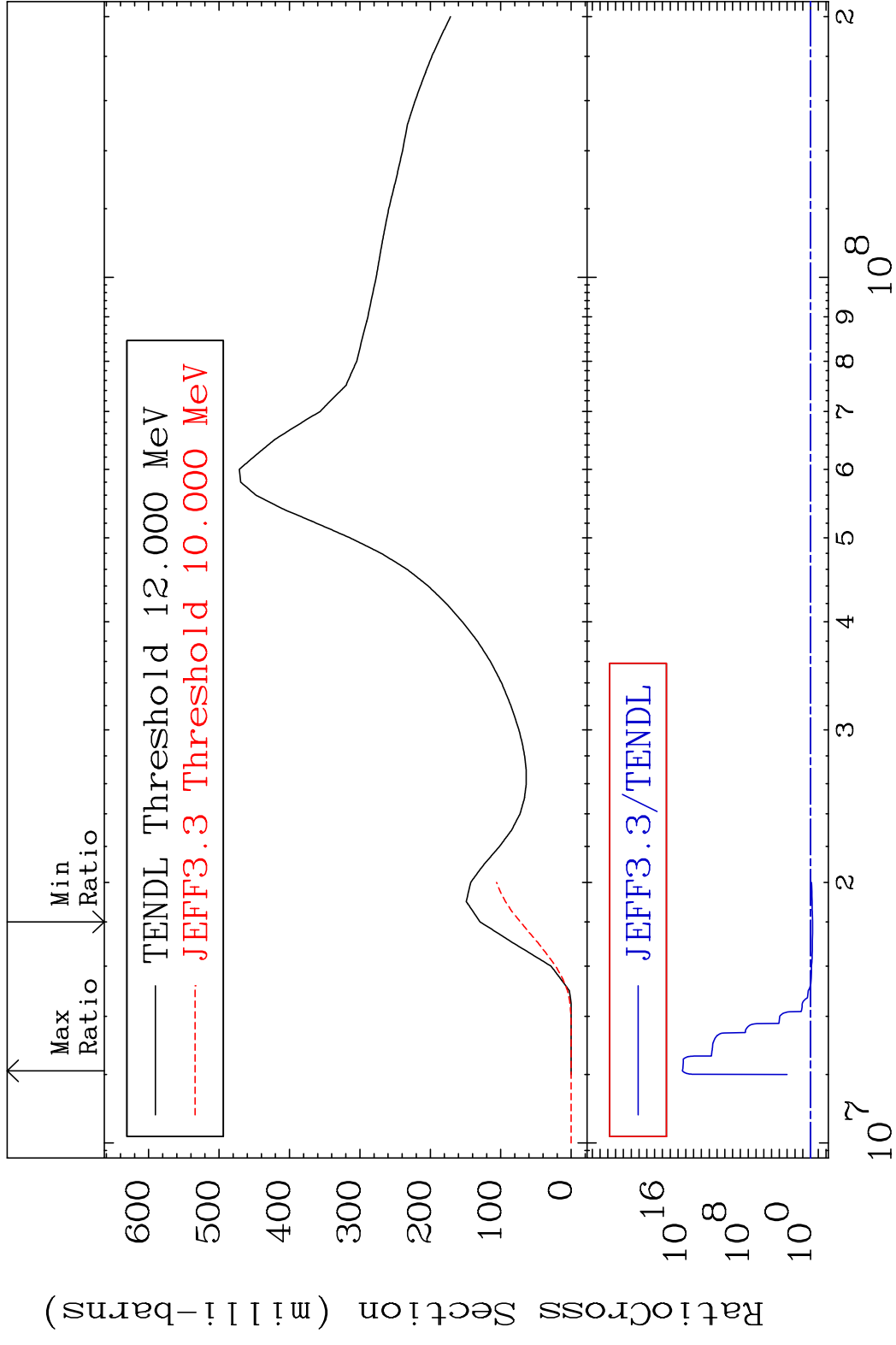
89-Ac-225

MAT 8925

(n,2nf) Third Chance

89-Ac-225

Cross Section -44.38 To 9999. %



9

Incident Energy (eV)

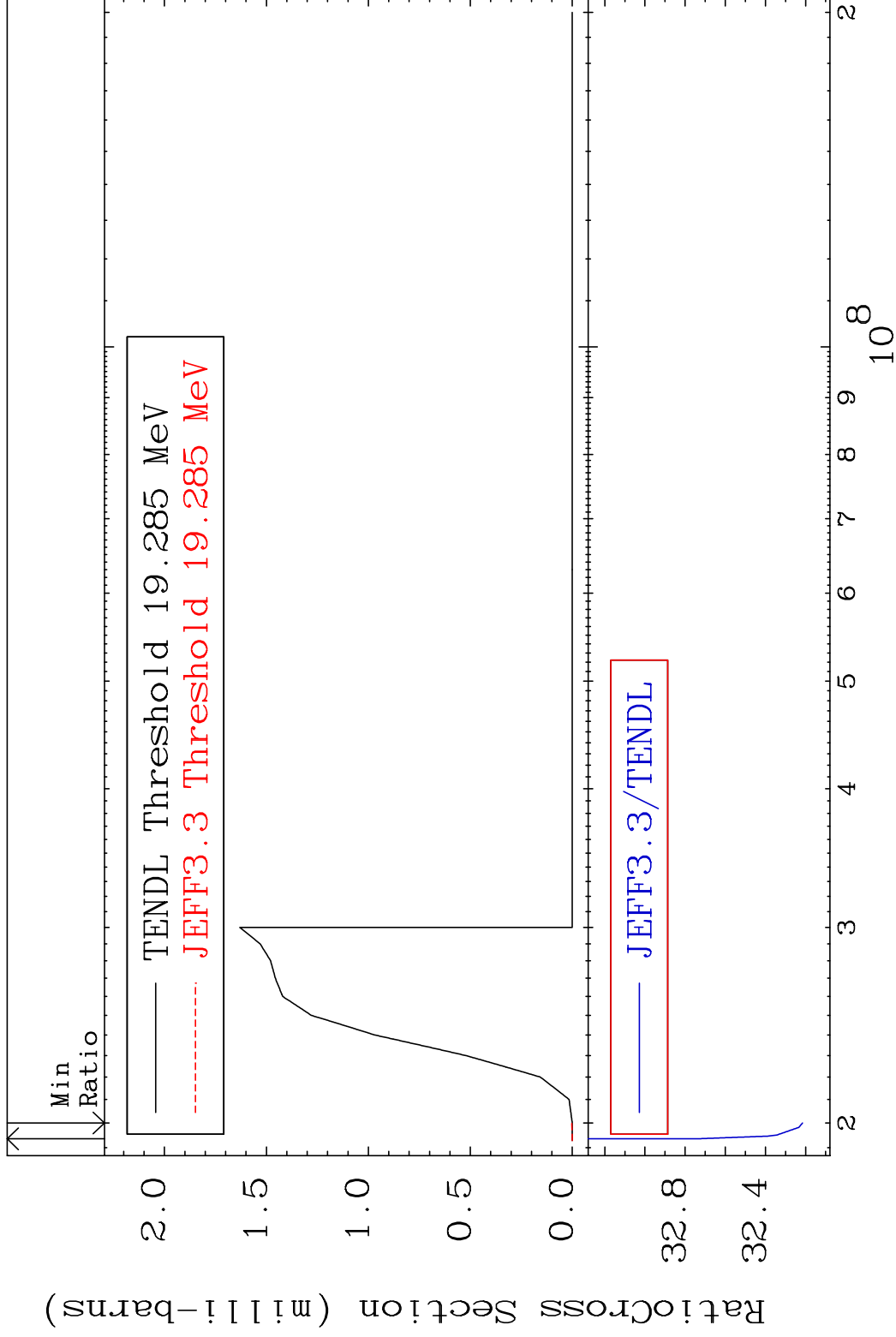
89-Ac-225

MAT 8925

(n,4n)

89-Ac-225

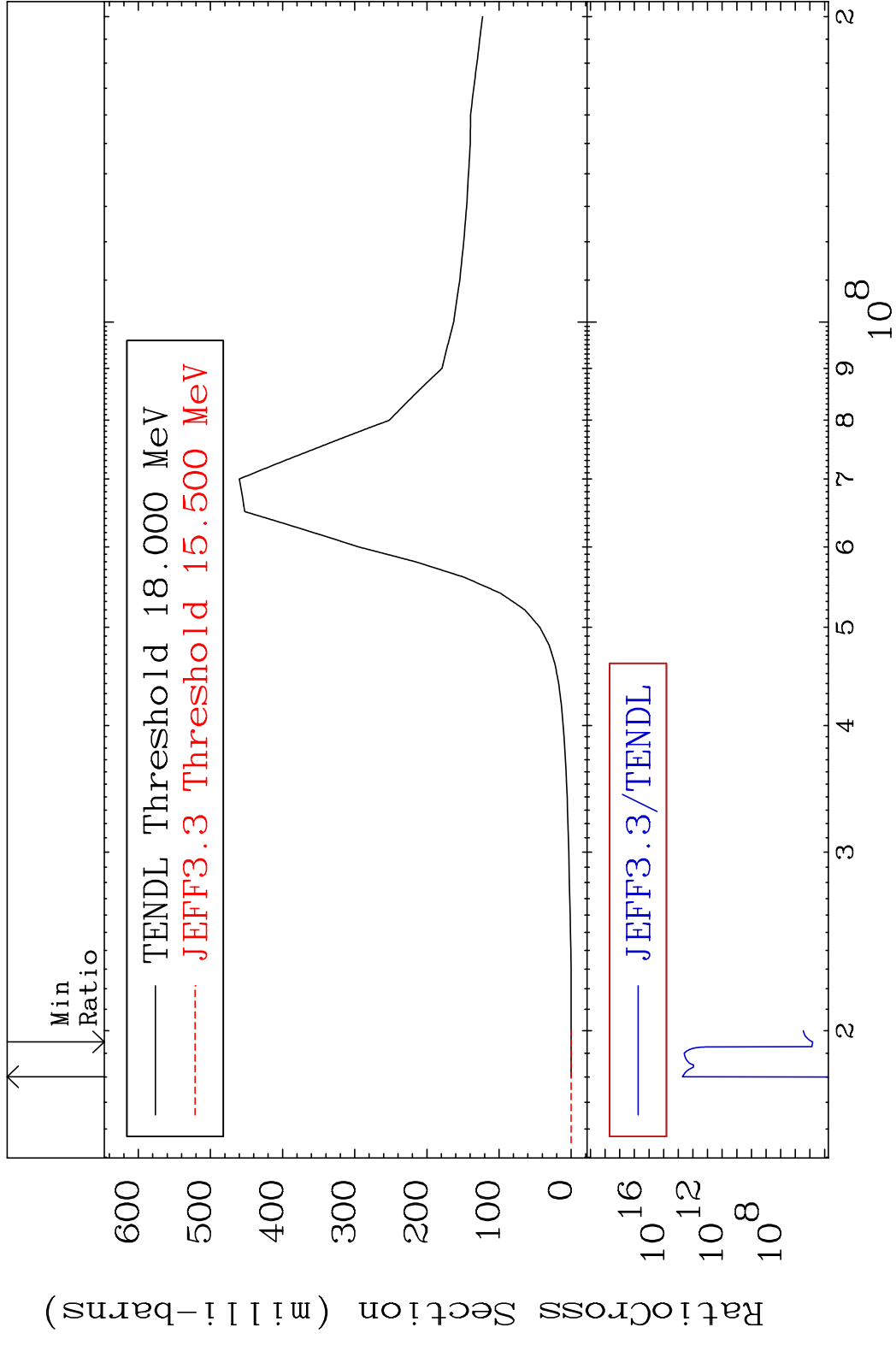
Cross Section 3122. To 3175. %



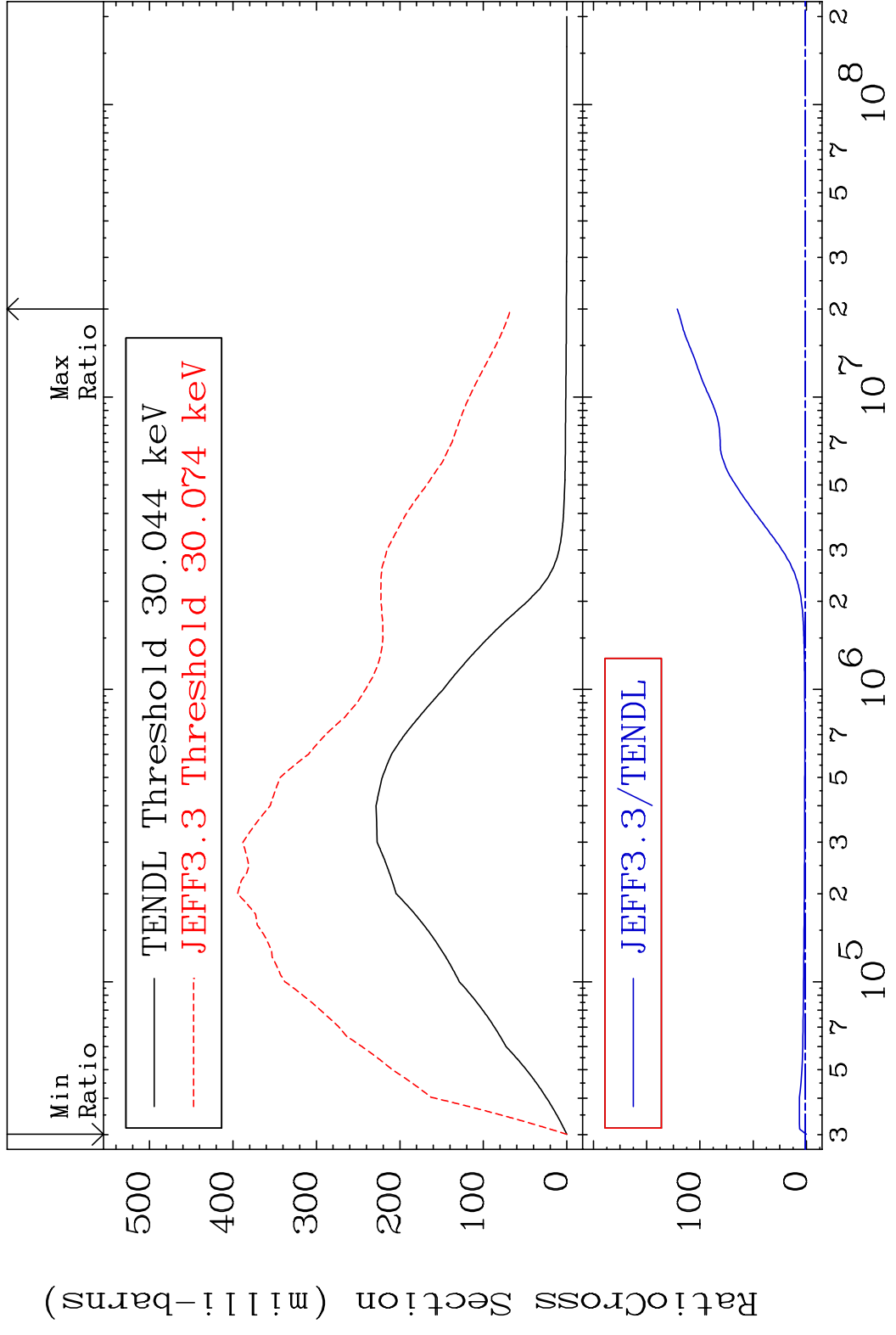
10

Incident Energy (eV)

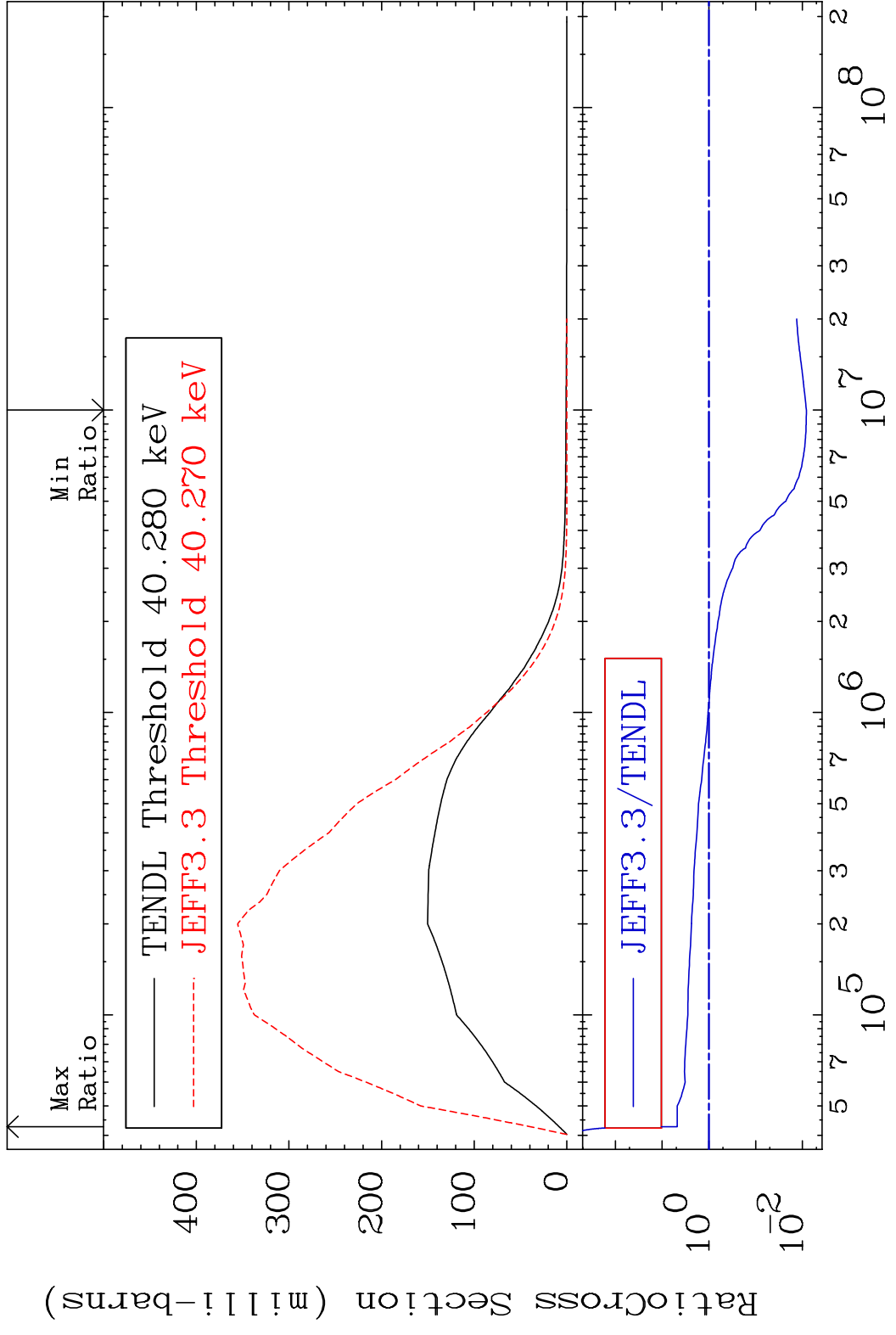
89-Ac-225



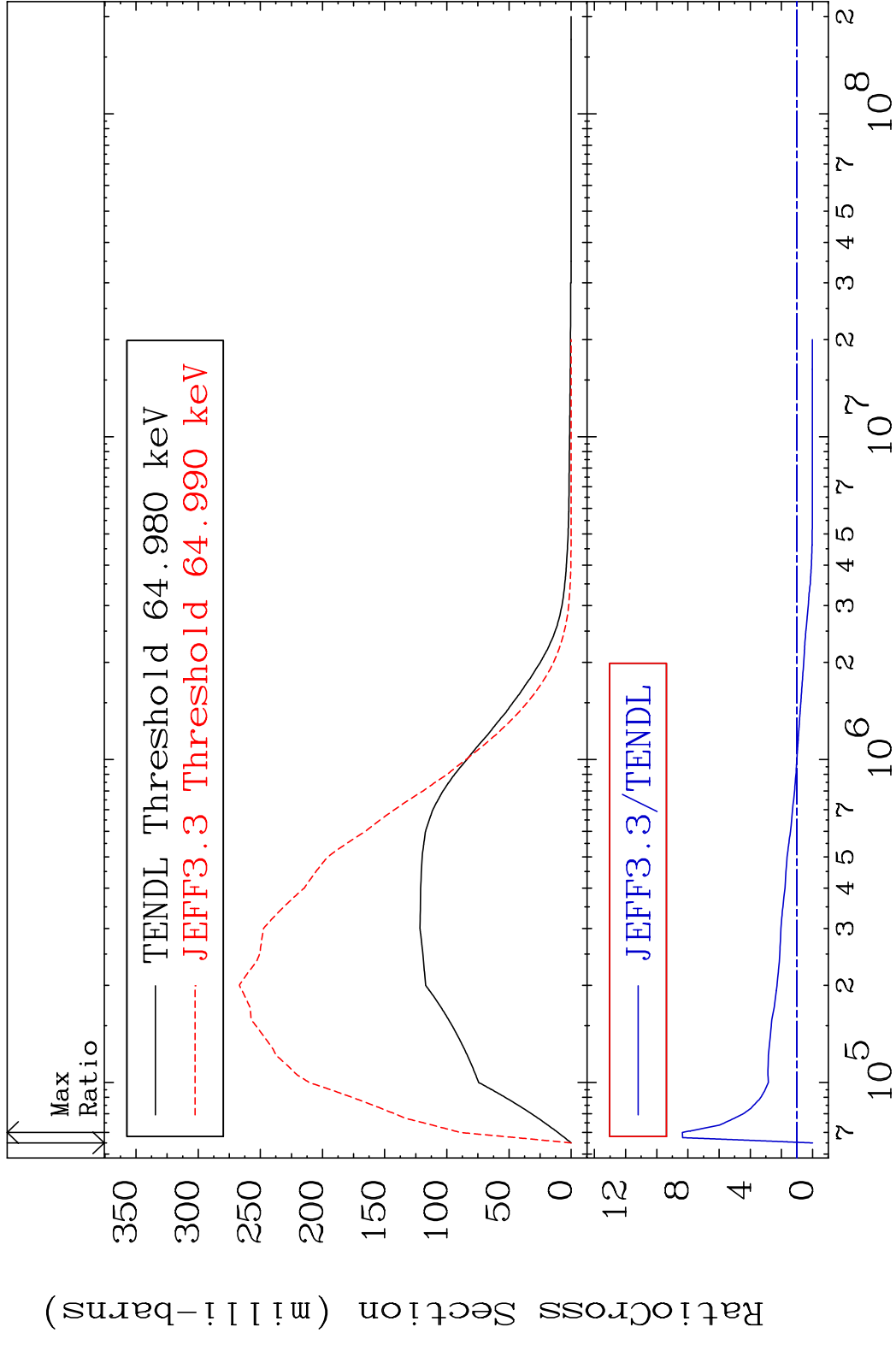
MAT 8925 MT= 51 (n, n') Level 89-Ac-225
 Cross Section -100.0 To 9999. %



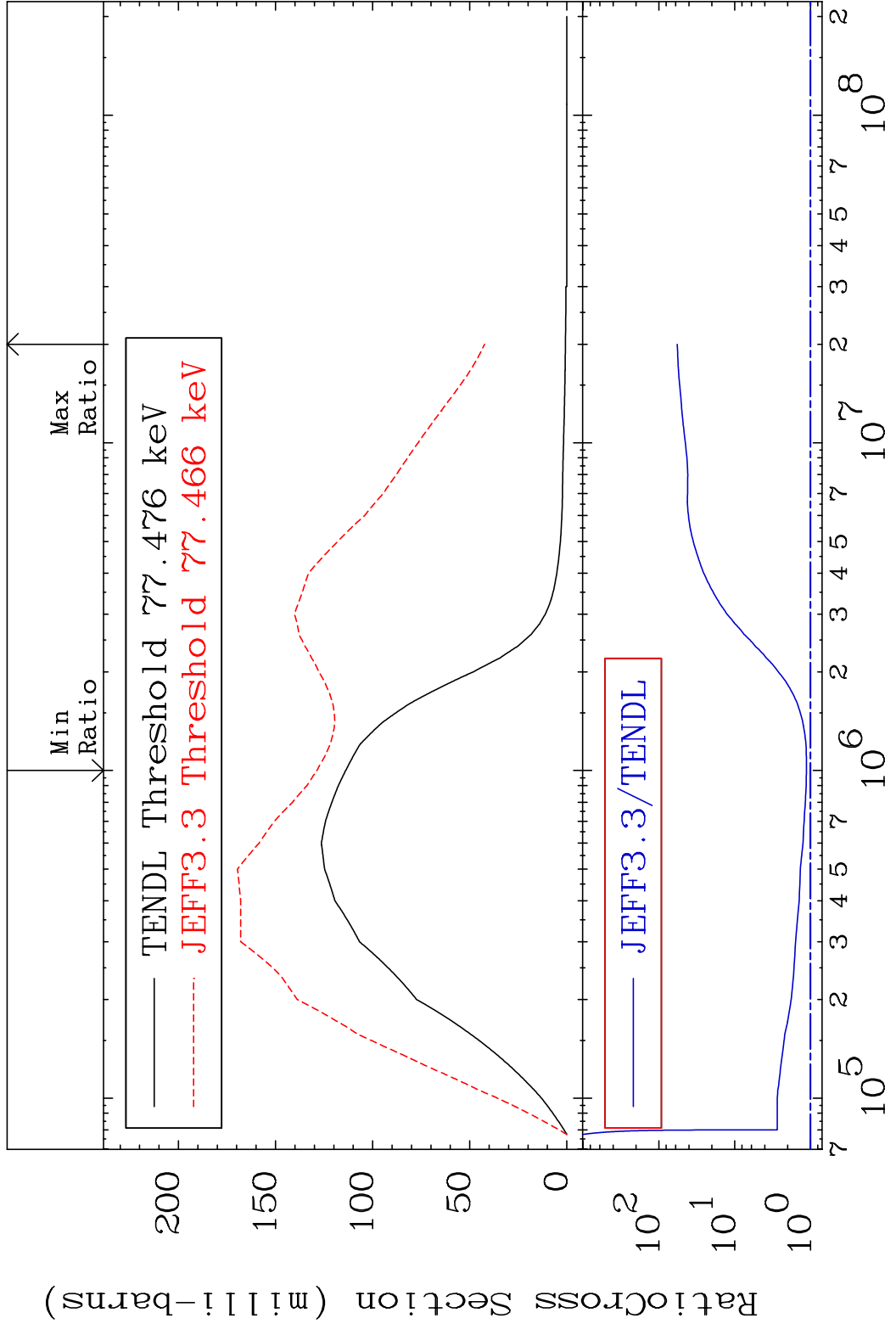
MAT 8925 MT= 52 (n, n') Level 89-Ac-225
 Cross Section -99.18 To 377.3 %



MAT 8925 MT= 53 (n,n') Level 89-Ac-225
 Cross Section -100.0 To 735.7 %

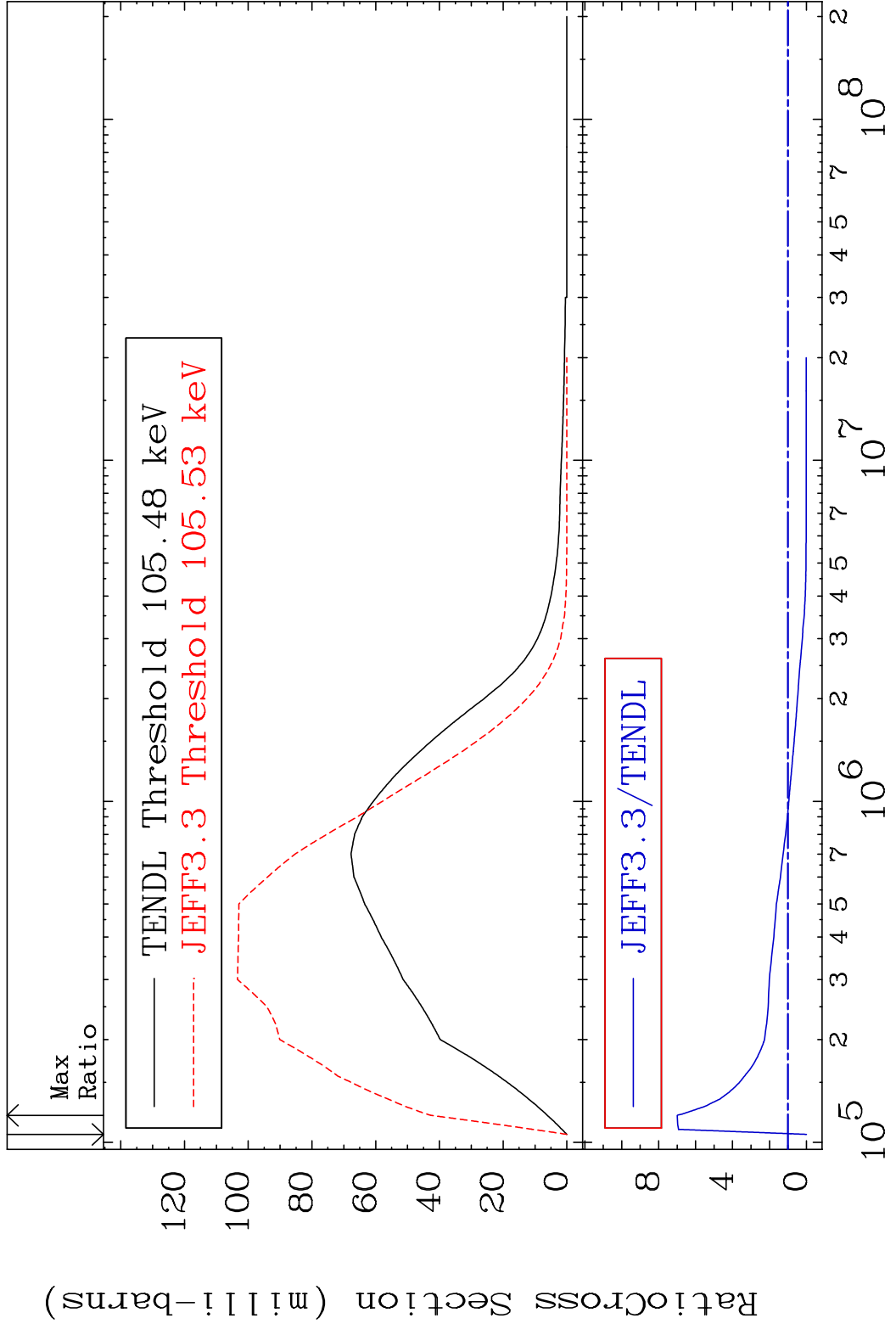


MAT 8925 MT= 54 (n, n') Level 89-Ac-225
 Cross Section 13.06 To 5630. %



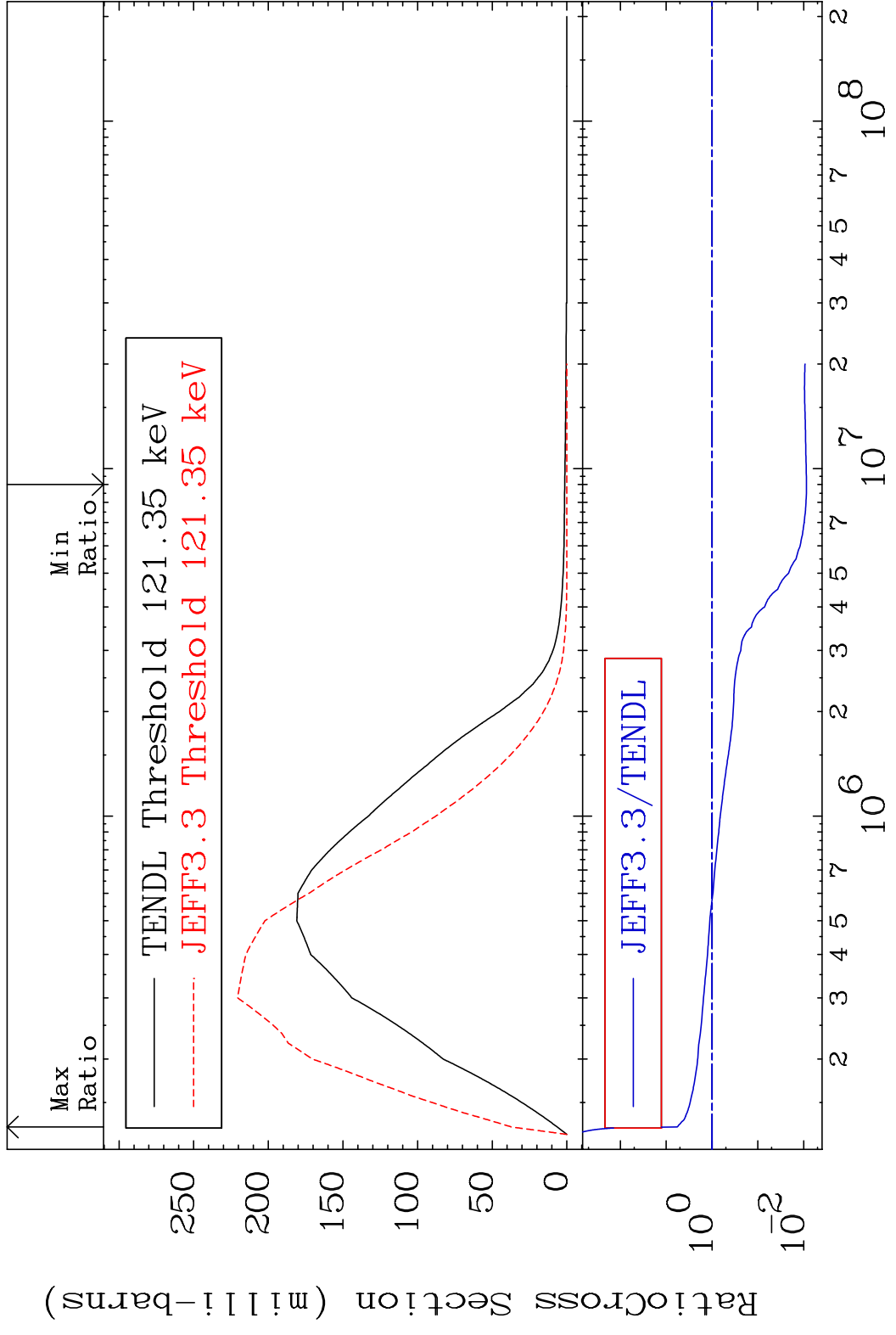
15 Incident Energy (eV) 89-Ac-225

MAT 8925 MT= 55 (n,n') Level 89-Ac-225
 Cross Section -100.0 To 599.7 %

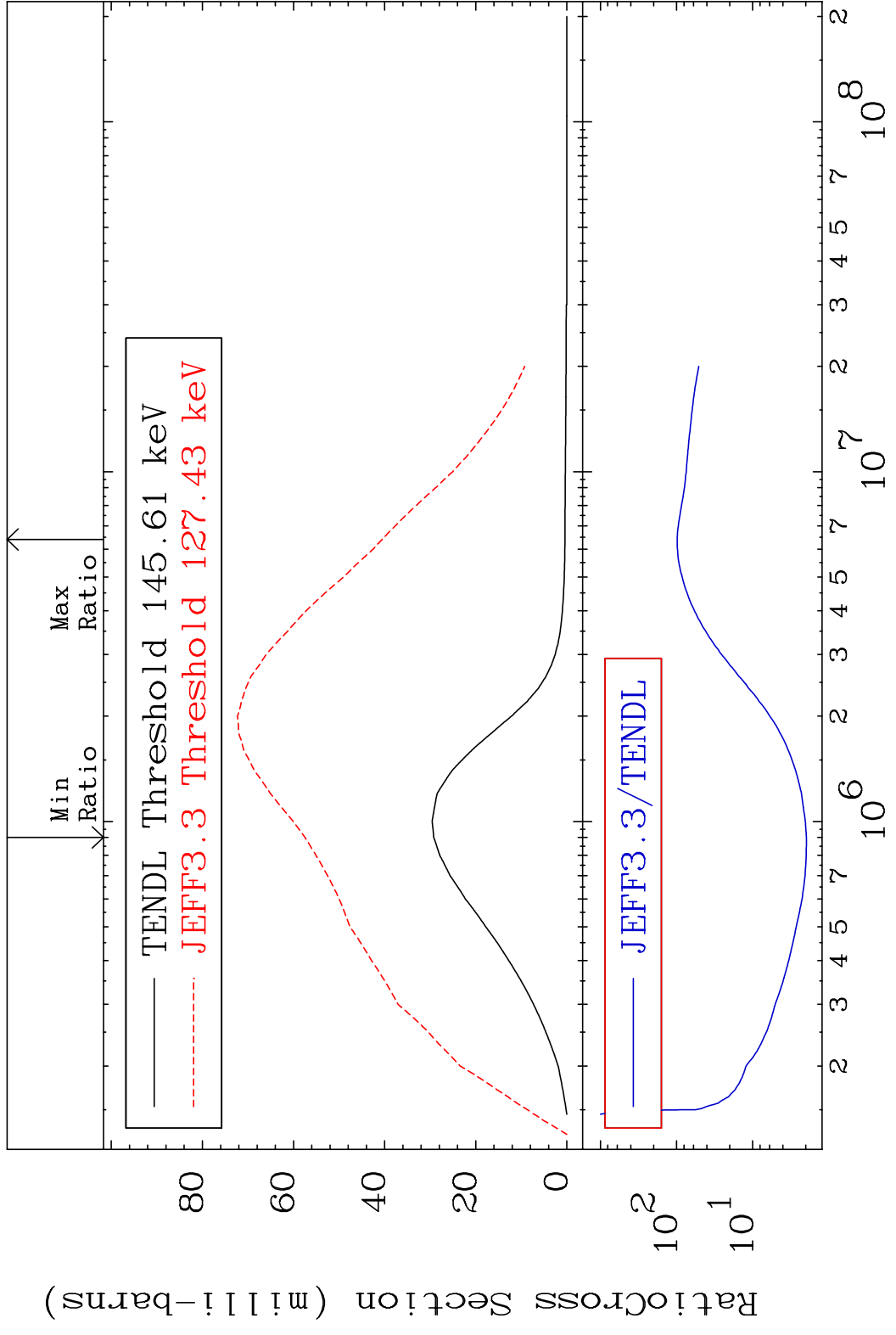


16 Incident Energy (eV) 89-Ac-225

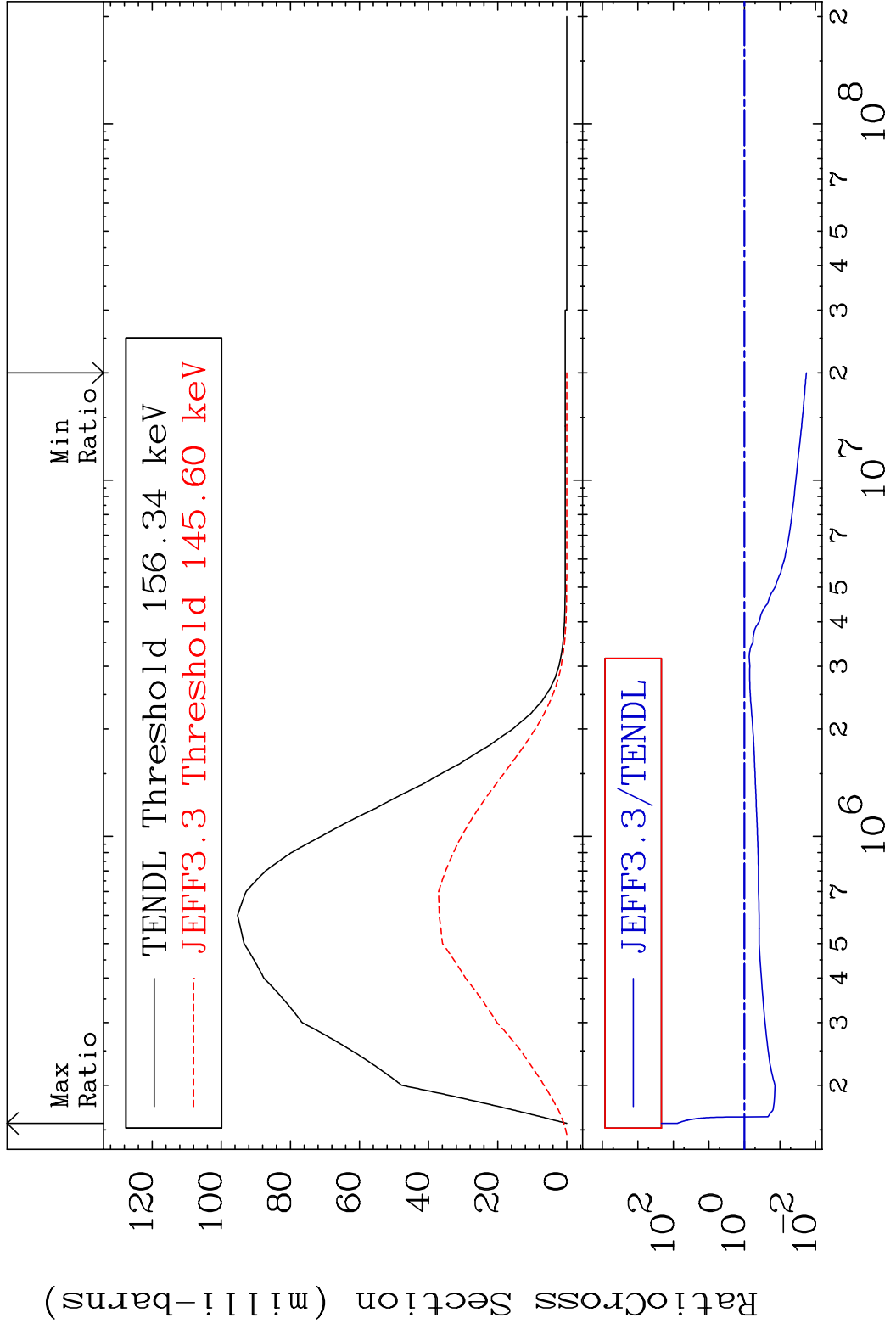
MAT 8925 MT= 56 (n, n') Level 89-Ac-225
 Cross Section -99.13 To 476.6 %



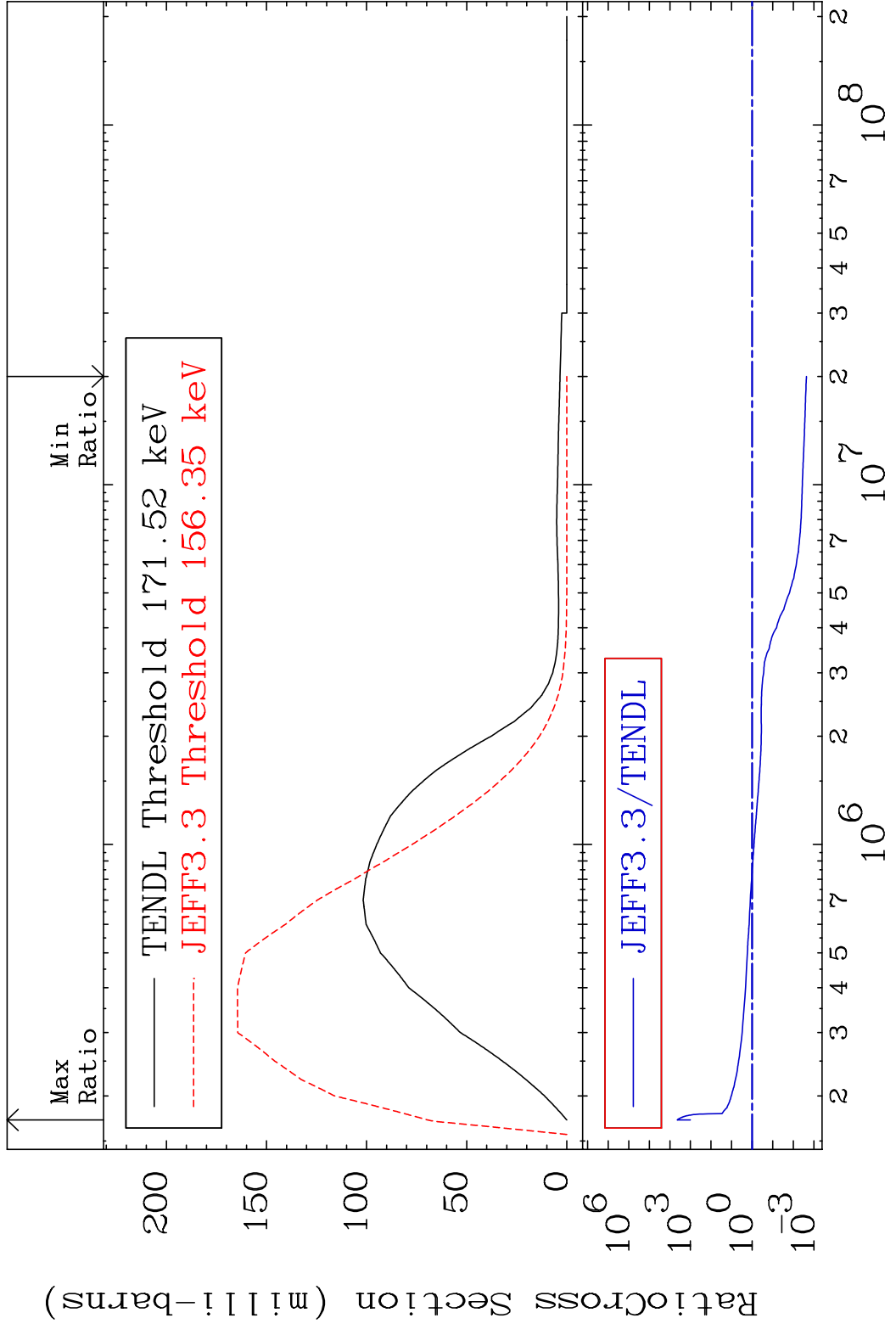
MAT 8925 MT= 57 (n, n') Level 89-Ac-225
 Cross Section 96.72 To 9707. %



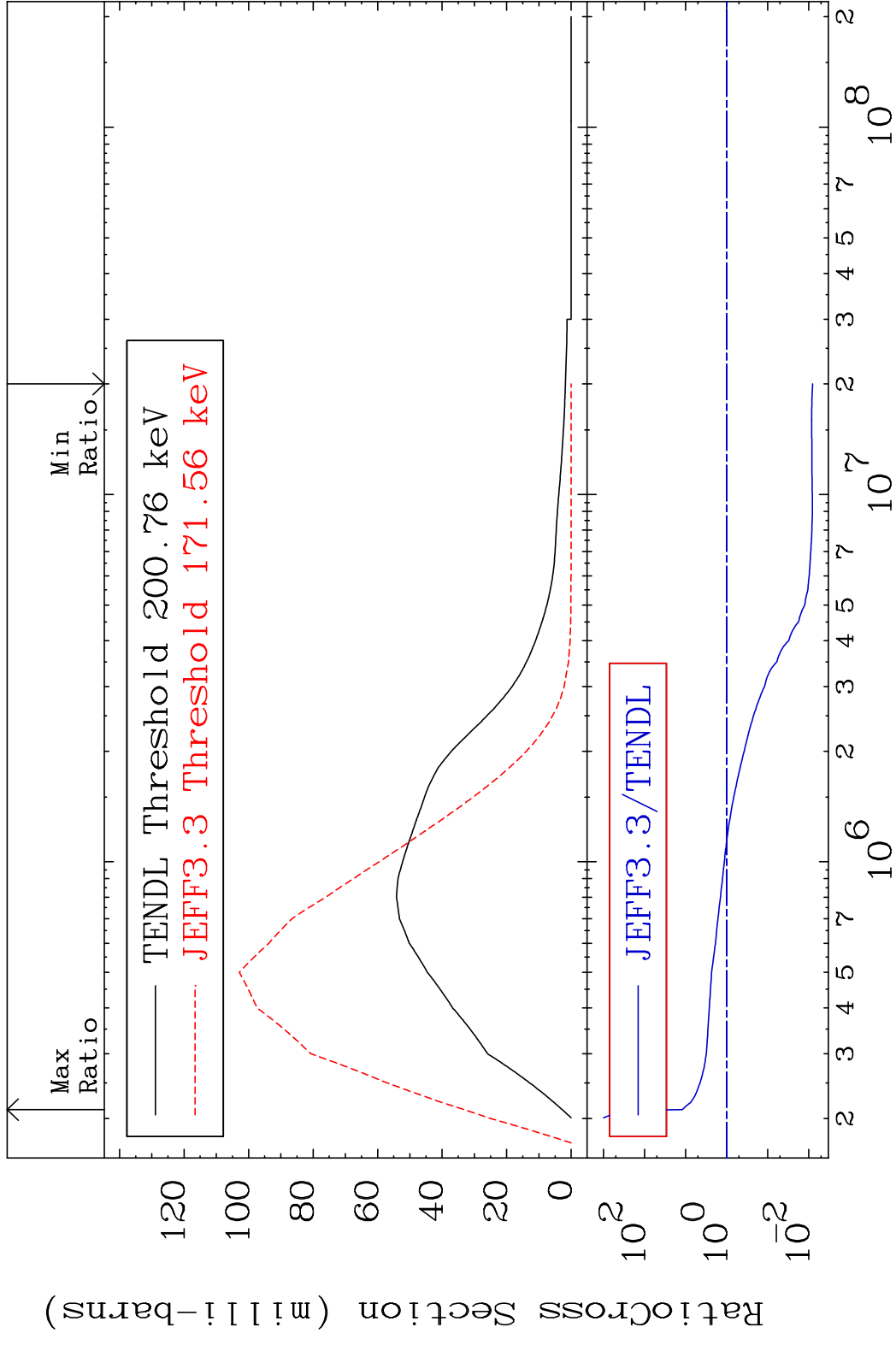
MAT 8925 MT= 58 (n, n') Level 89-Ac-225
 Cross Section -98.20 To 7723. %



MAT 8925 MT= 59 (n, n') Level 89-Ac-225
 Cross Section -99.77 To 9999. %



MAT 8925 MT= 60 (n,n') Level 89-Ac-225
 Cross Section -99.20 To 1097. %

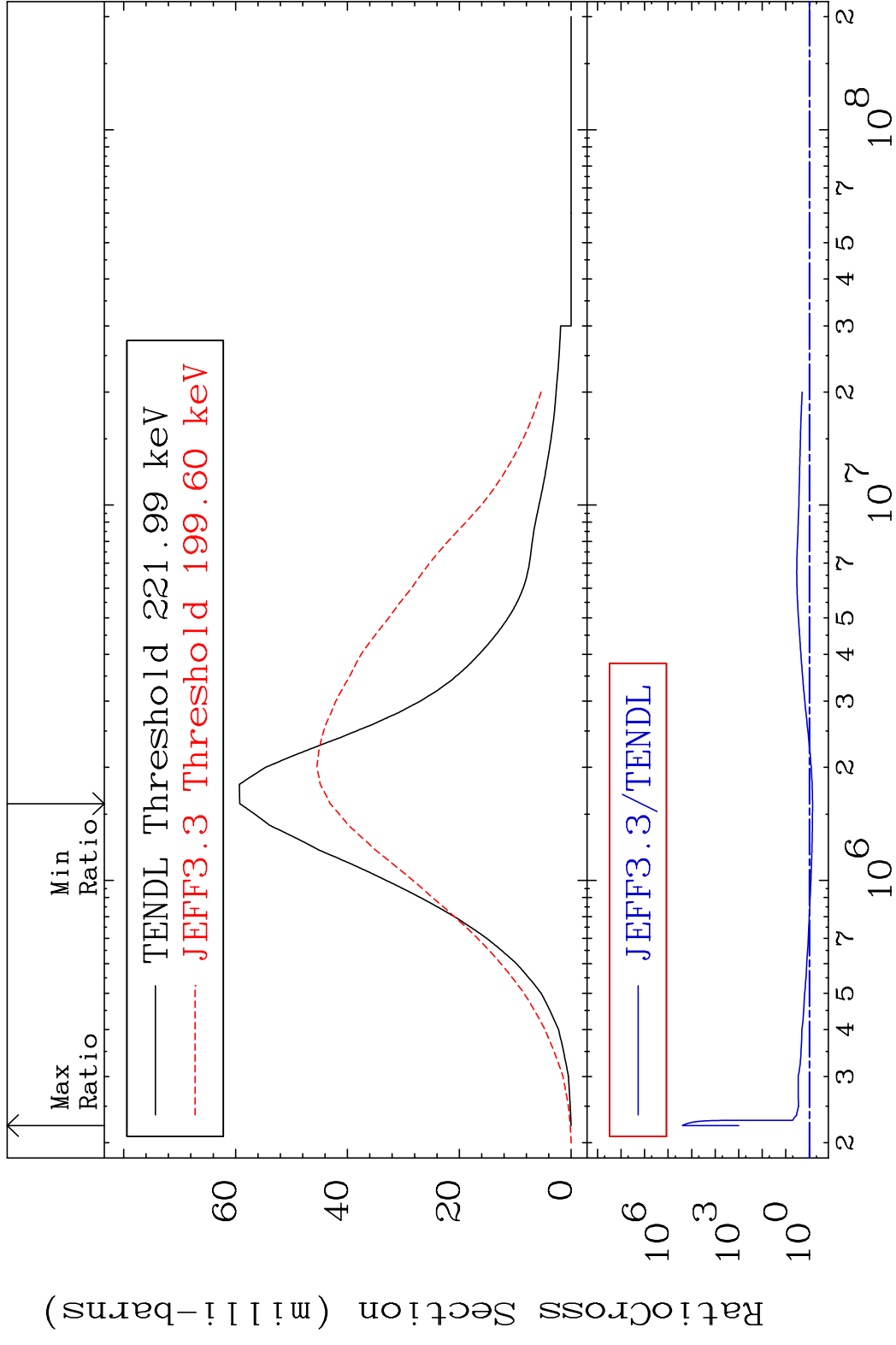


MAT 8925

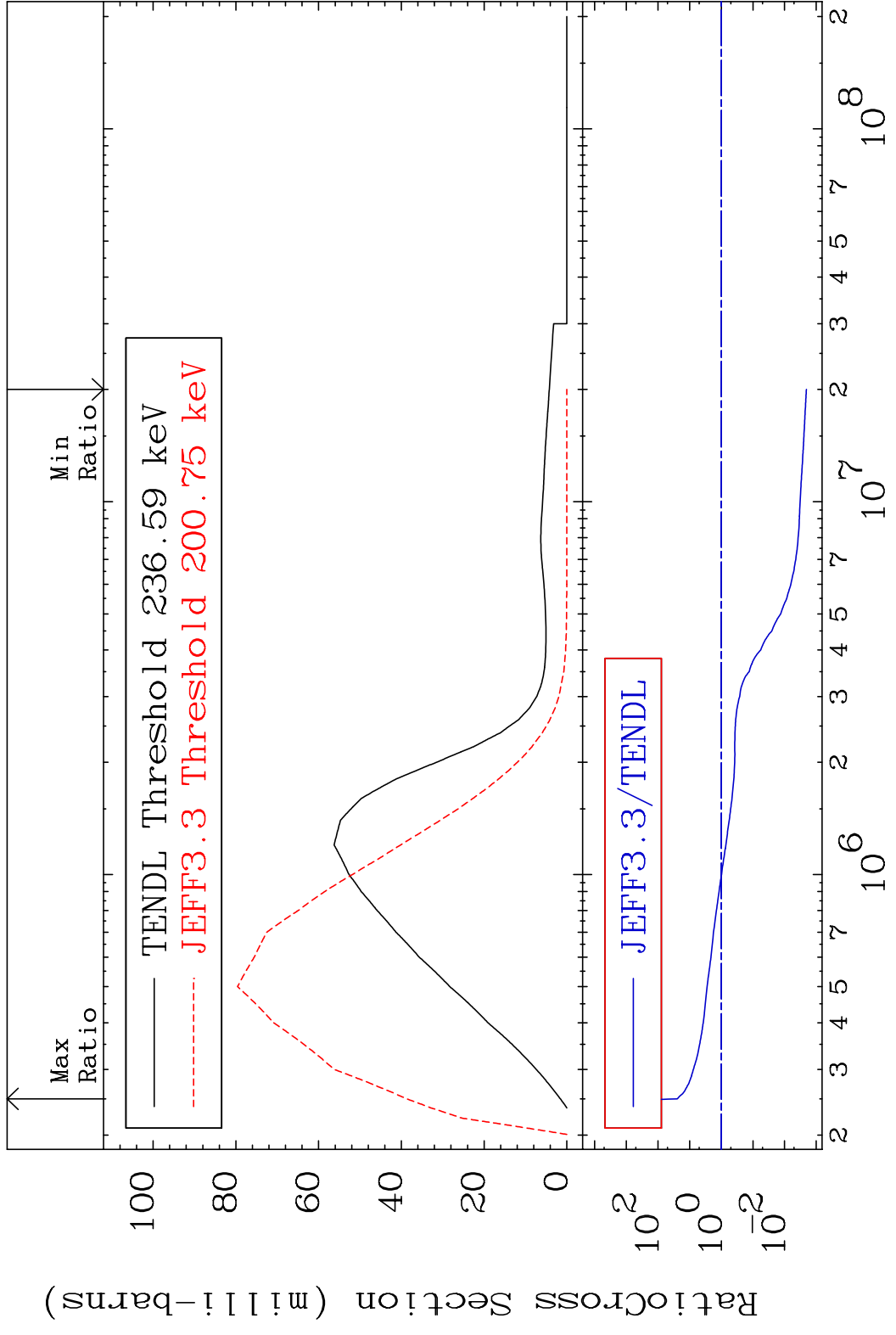
MT= 61 (n,n') Level

89-Ac-225

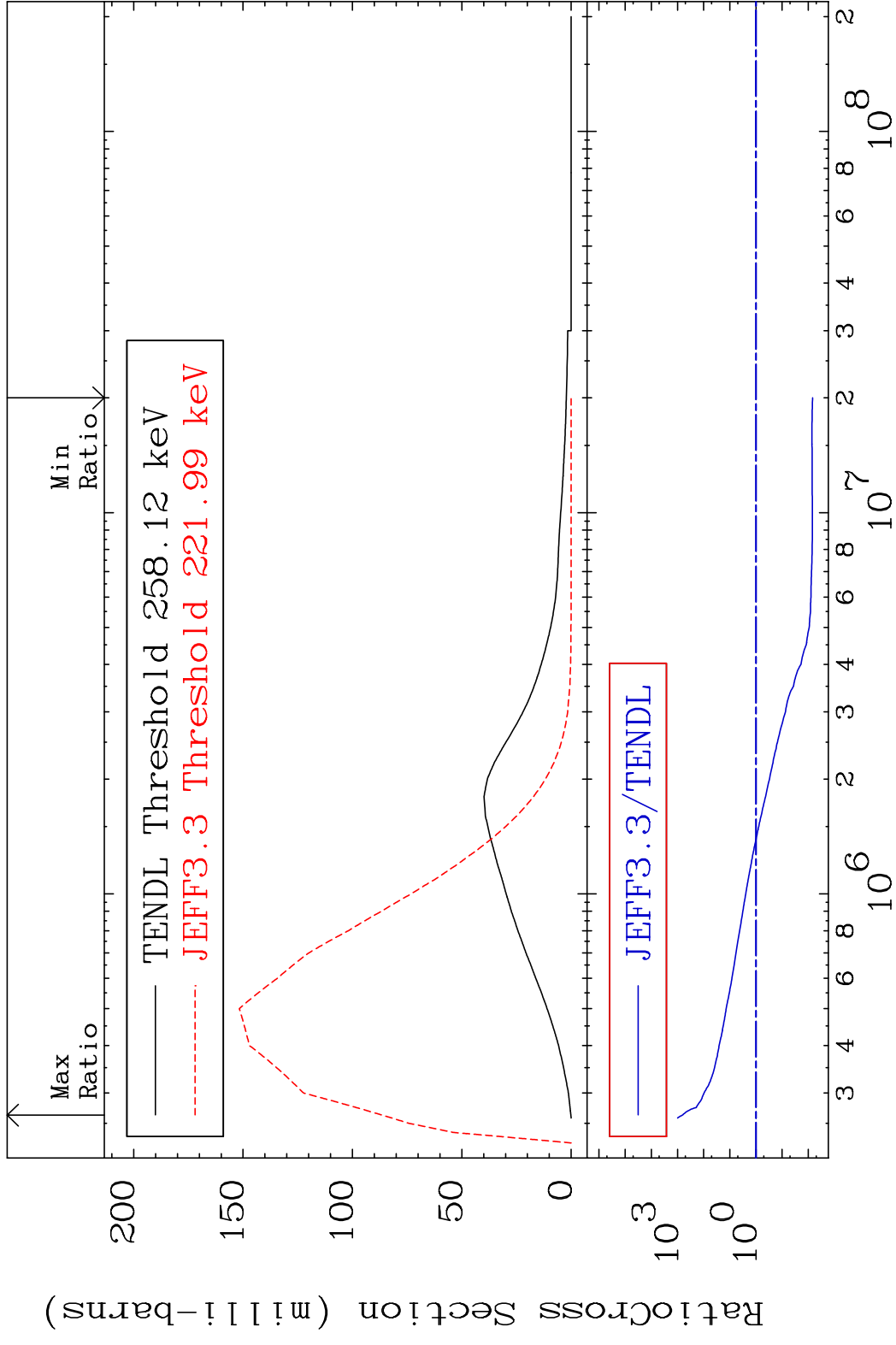
Cross Section -27.28 To 9999. %



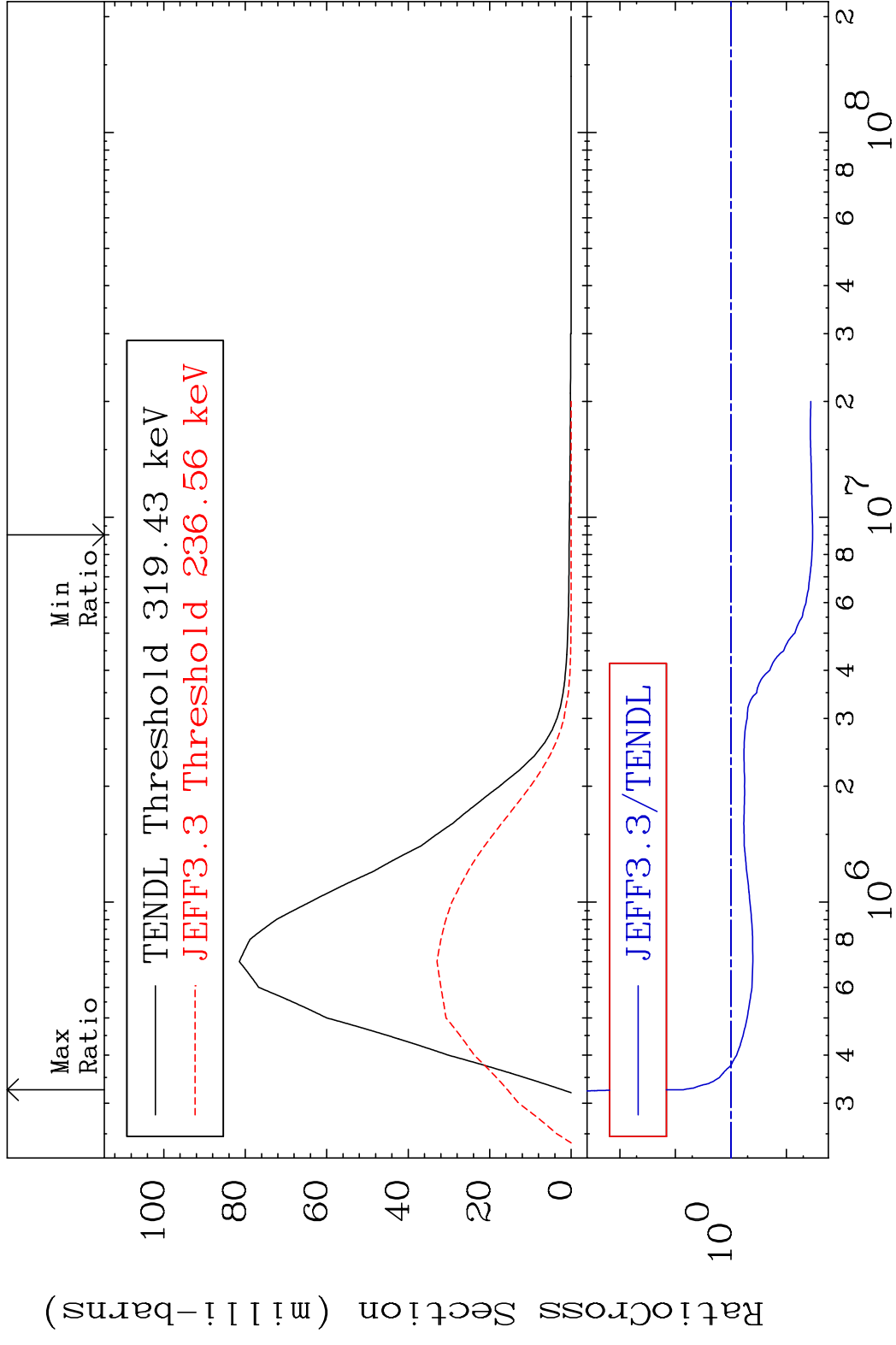
MAT 8925 MT= 62 (n, n') Level 89-Ac-225
 Cross Section -99.80 To 2371. %



MAT 8925 MT= 63 (n, n') Level 89-Ac-225
 Cross Section -99.31 To 9999. %



MAT 8925 MT= 64 (n, n') Level 89-Ac-225
 Cross Section -96.61 To 649.4 %

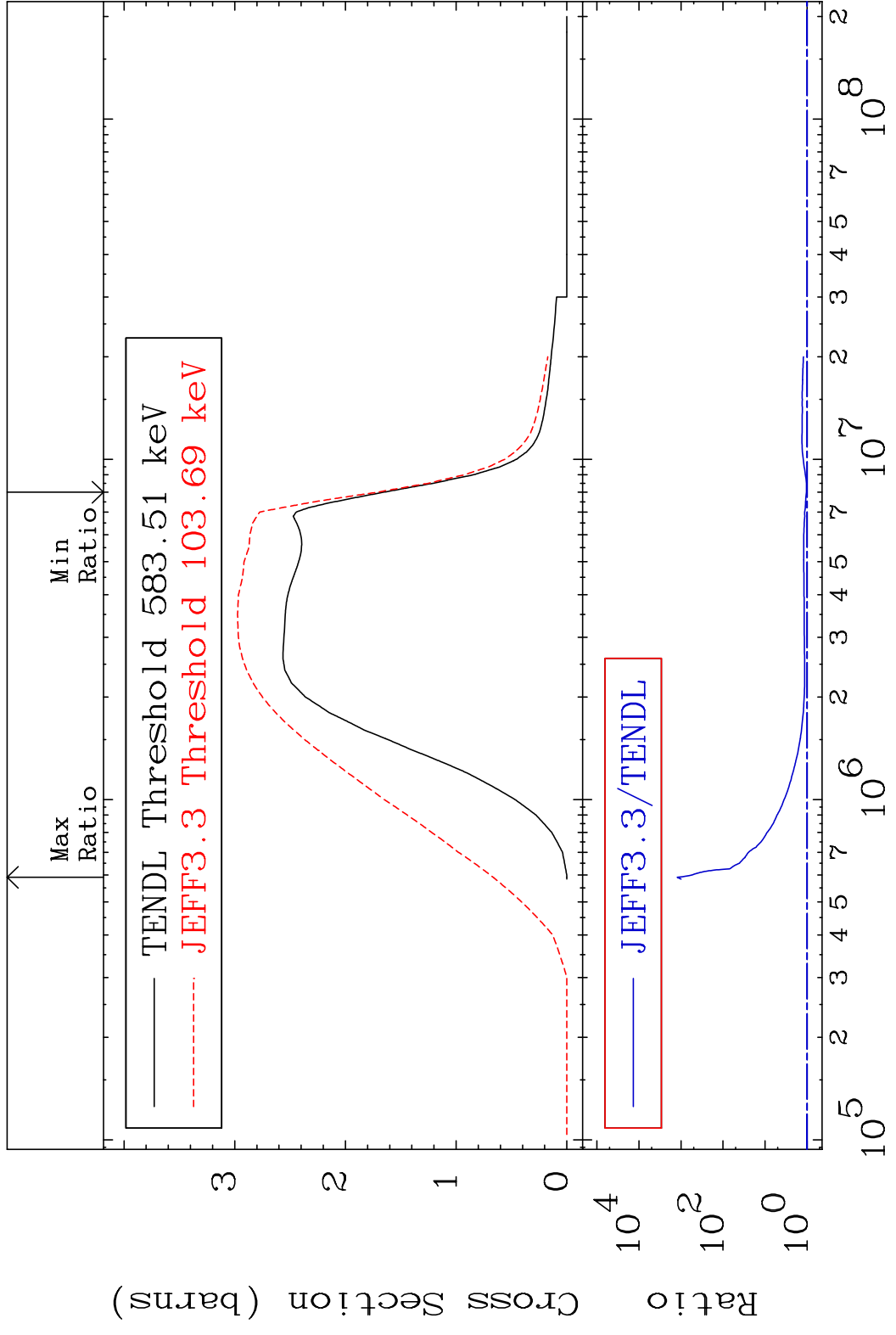


MAT 8925

(n, n') Continuum

89-Ac-225

Cross Section 3.499 To 9999. %



26

Incident Energy (eV)

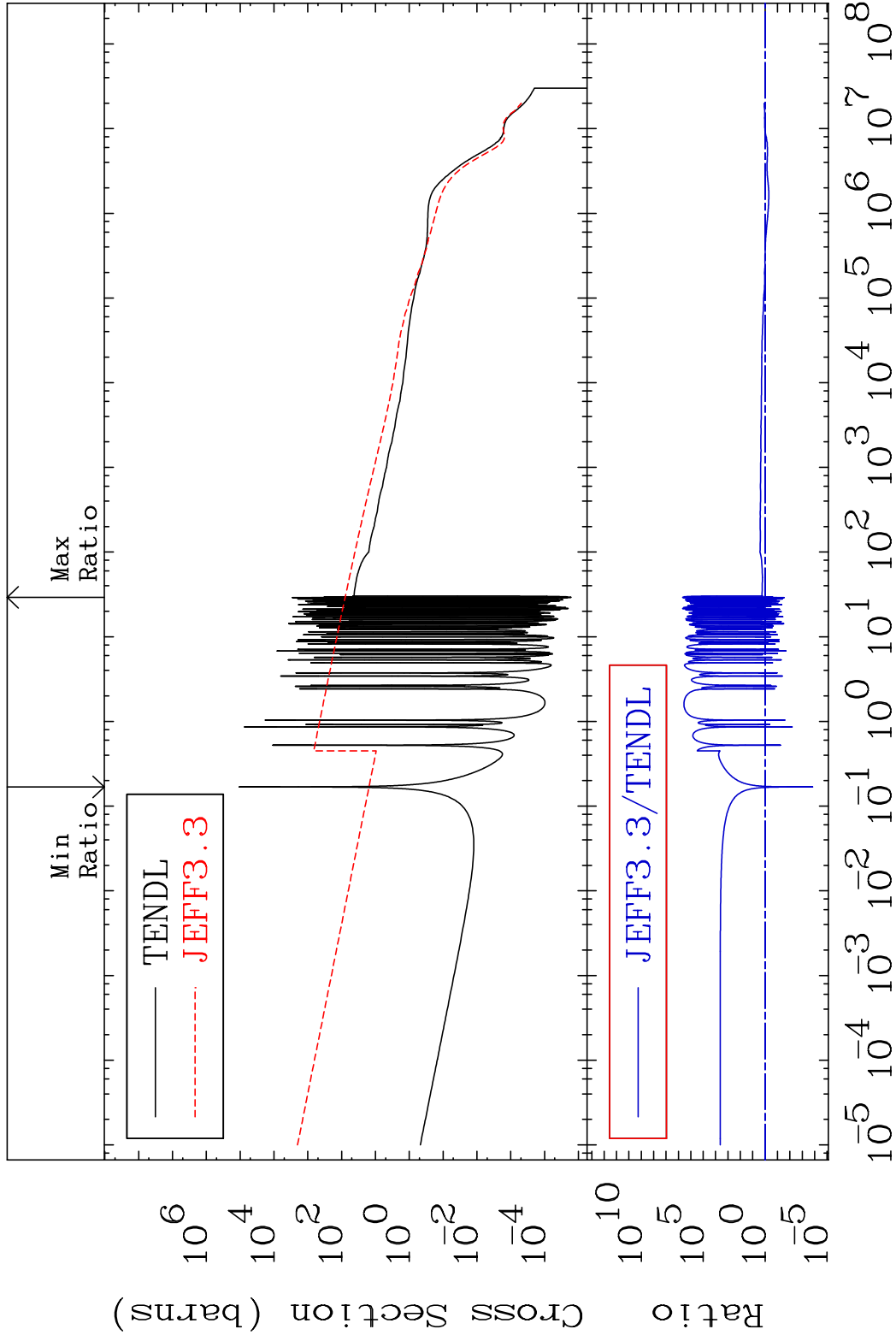
89-Ac-225

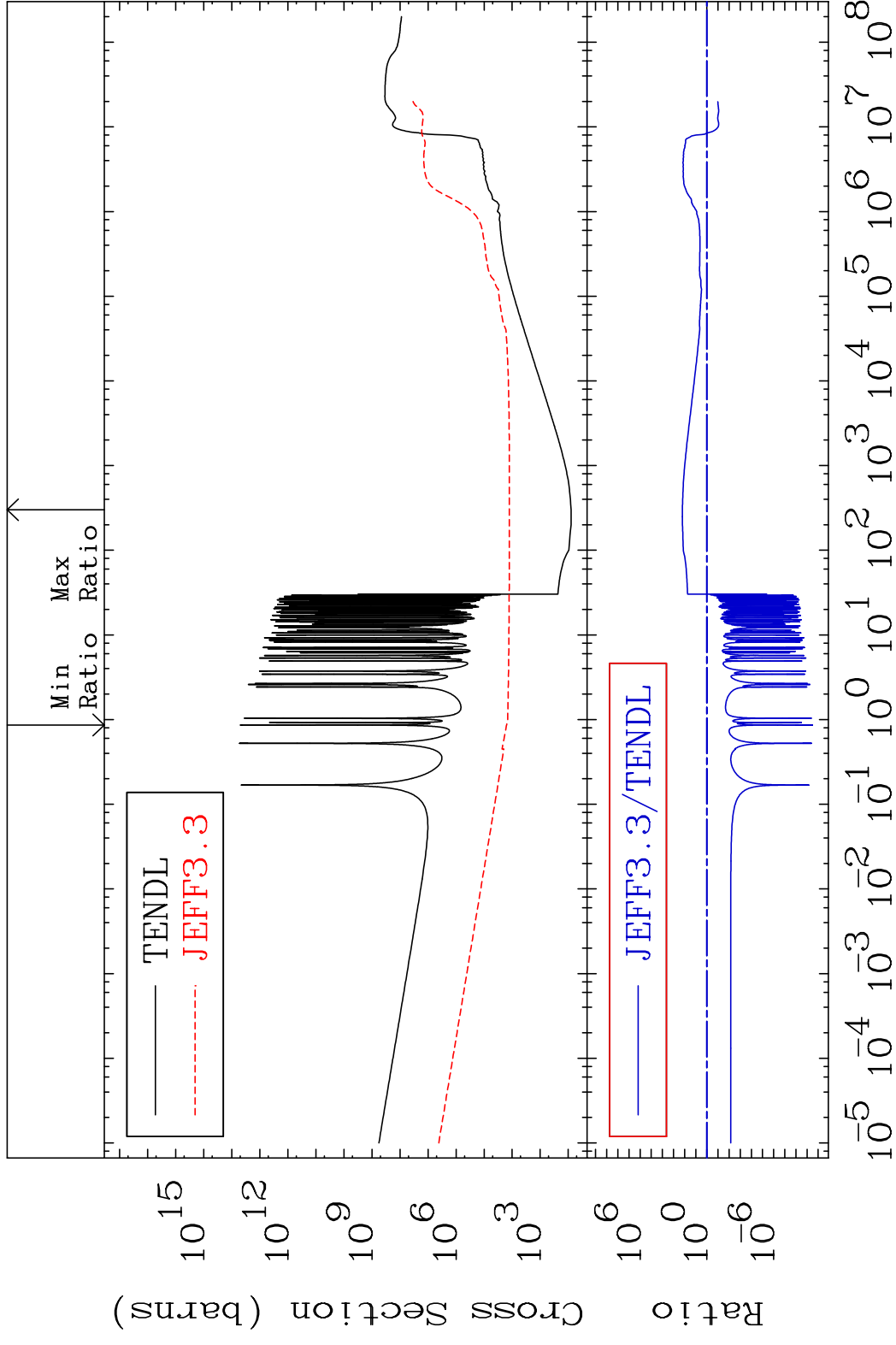
MAT 8925

(n, γ)

89-Ac-225

Cross Section -99.99 To 9999. %

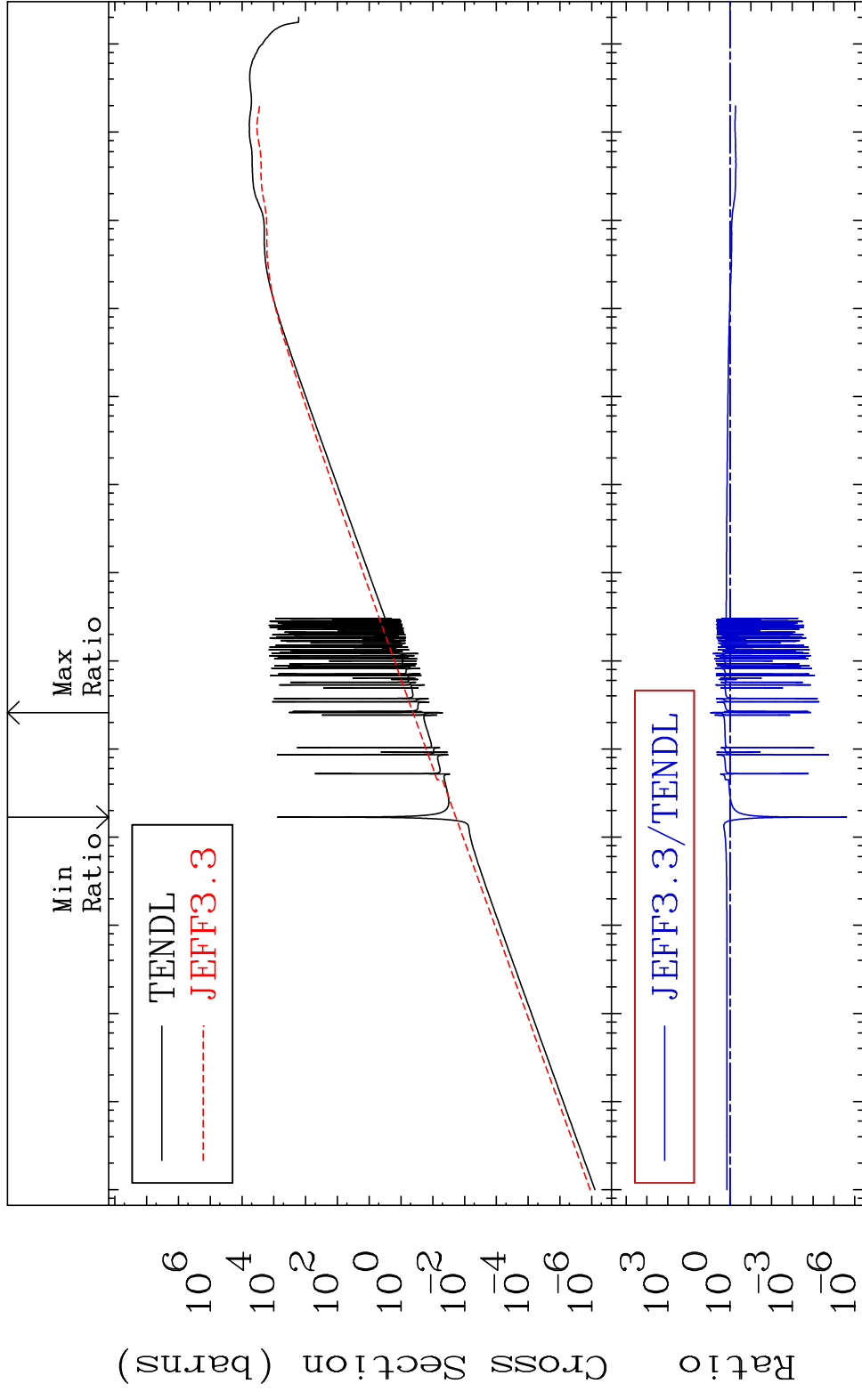




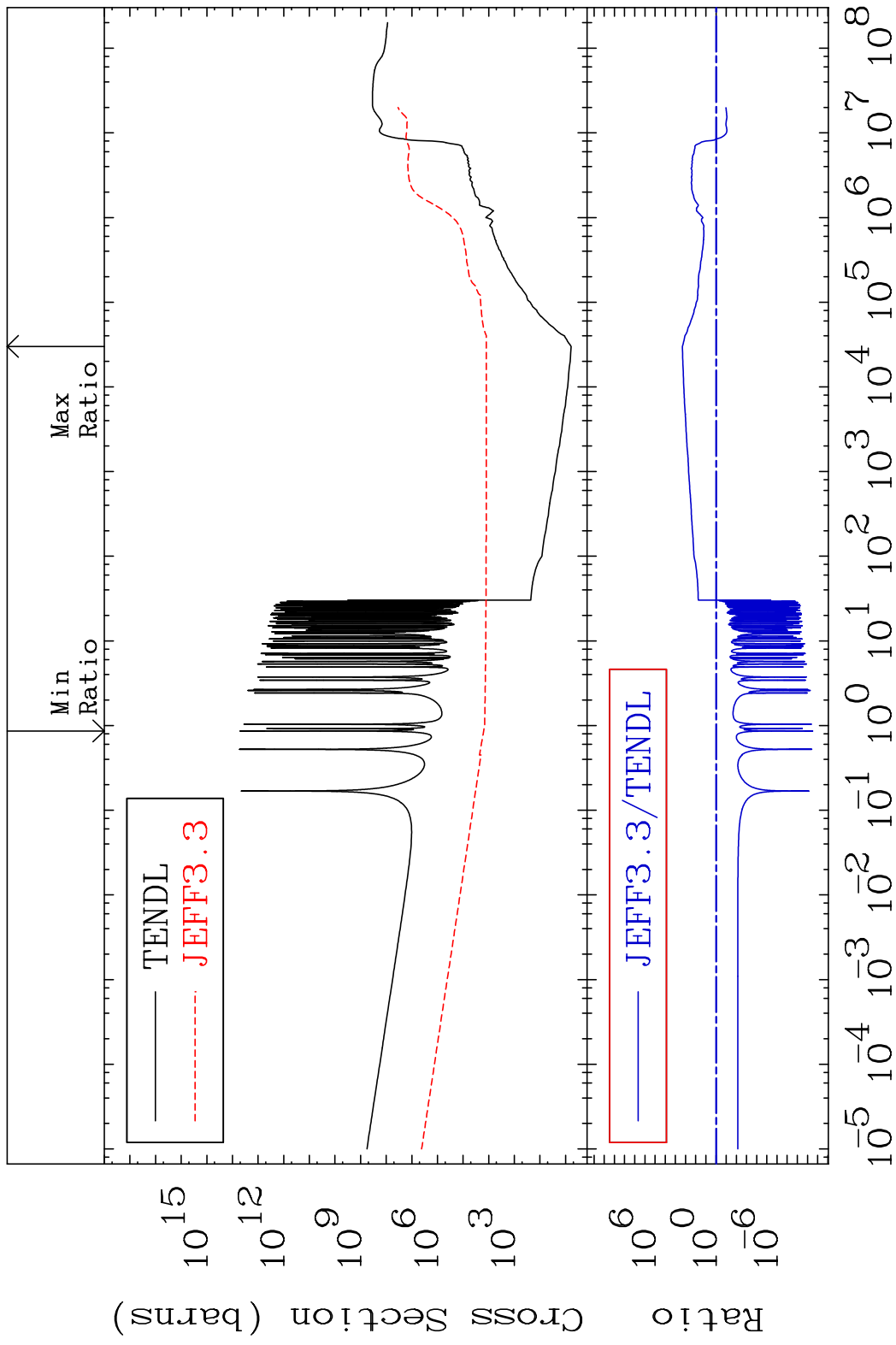
MAT 8925

Kerma elastic
Cross Section -100.0 To 750.0 %

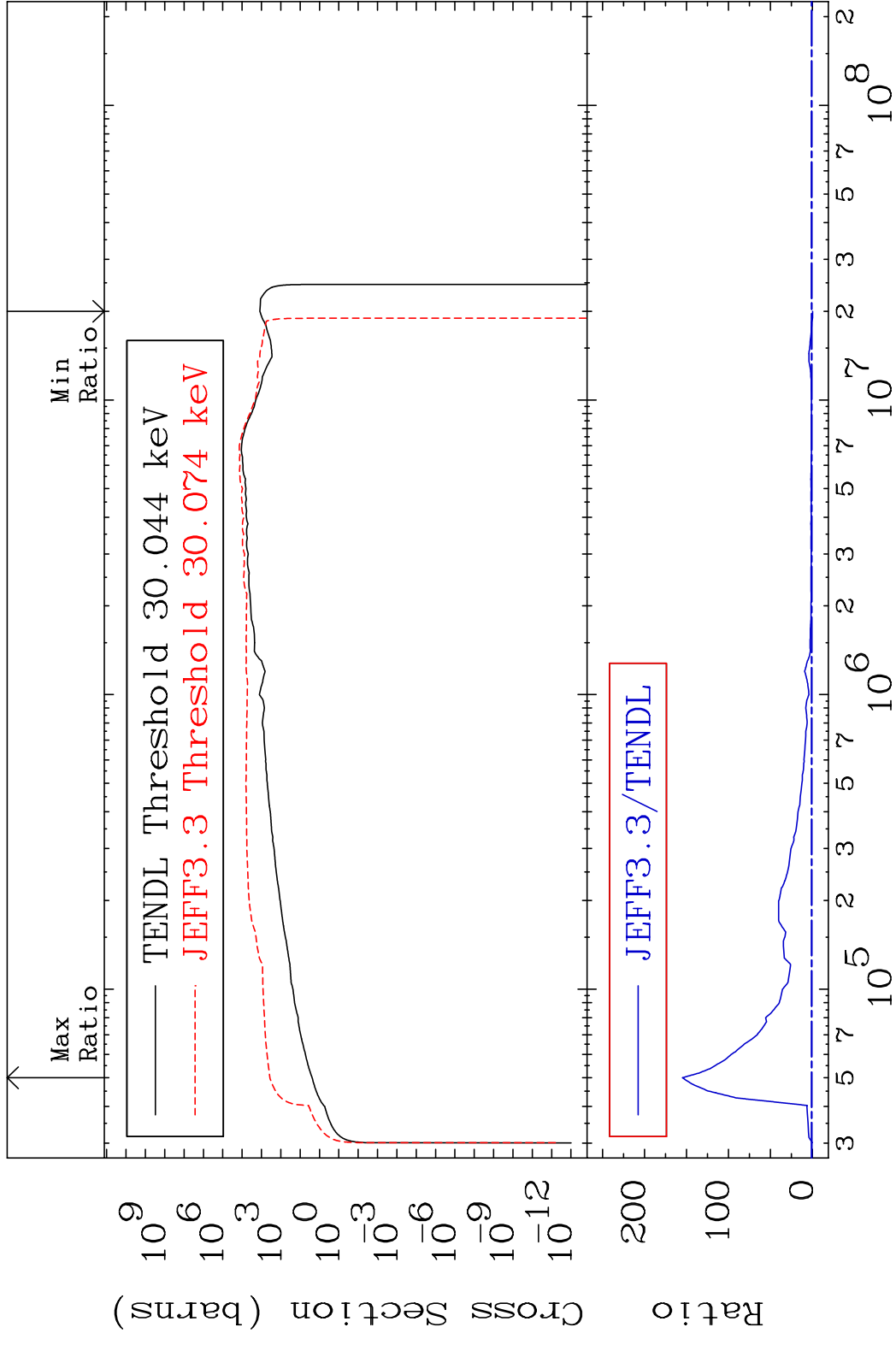
89-Ac-225



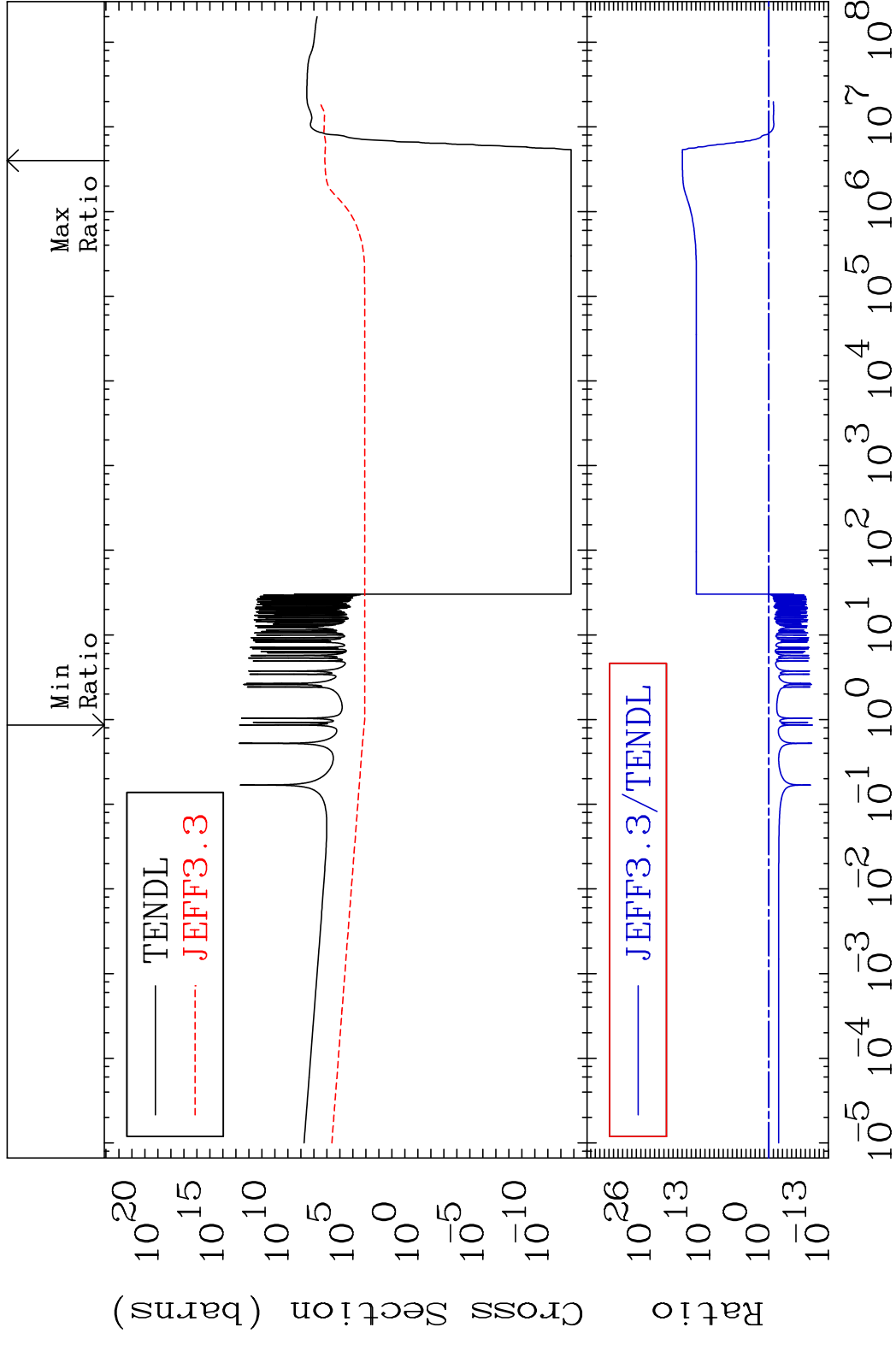
MAT 8925 Kerma non-elastic (all but mt2) 89-Ac-225
 Cross Section -100.0 To 9999. %



MAT 8925 Kerma inelastic (mt51-91) 89-Ac-225
 Cross Section -112.2 To 9999. %

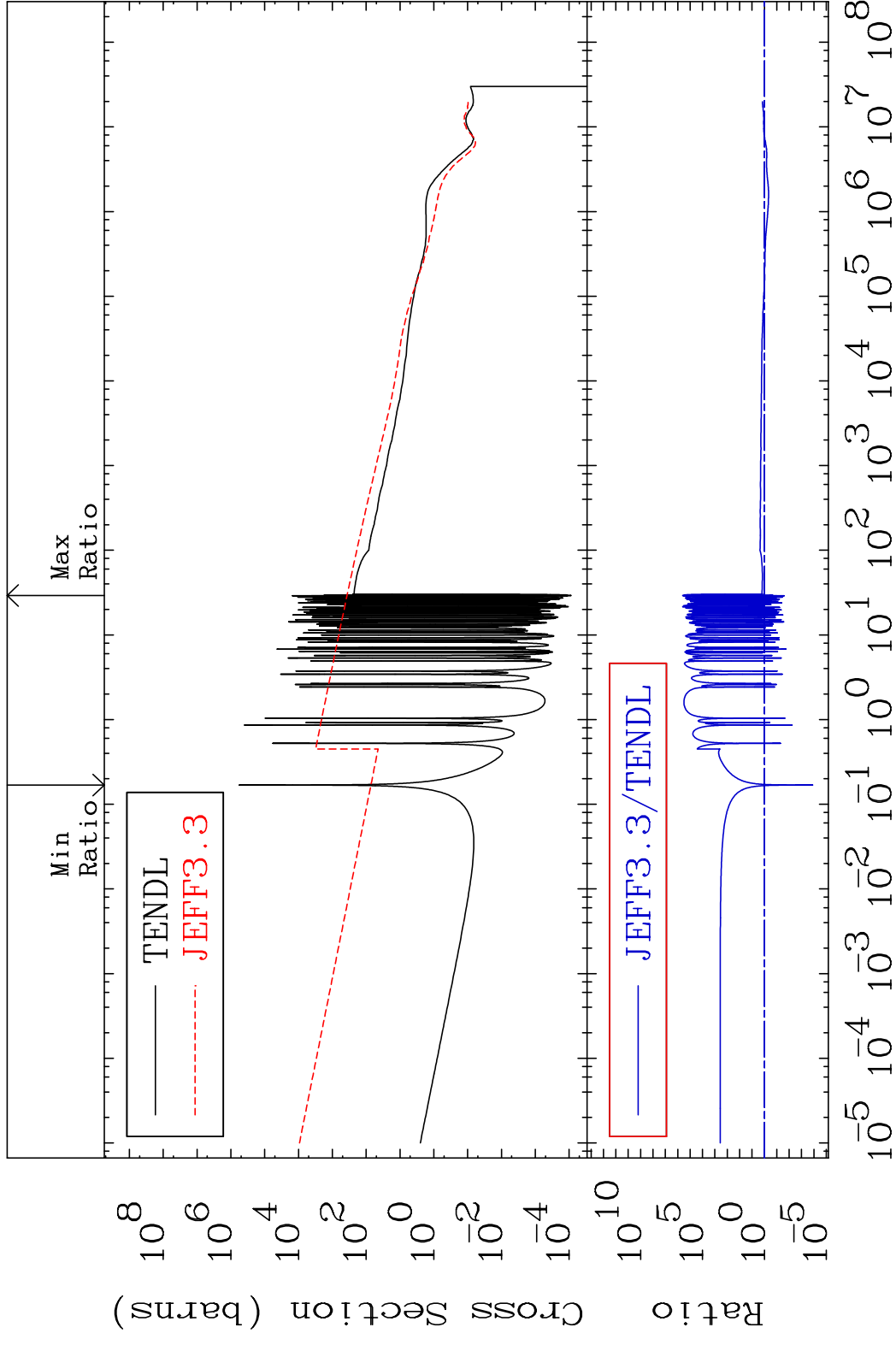


MAT 8925 Kerma fission (mt18 or mt19-20-21-38) 89-Ac-225
 Cross Section -100.0 To 9999. %



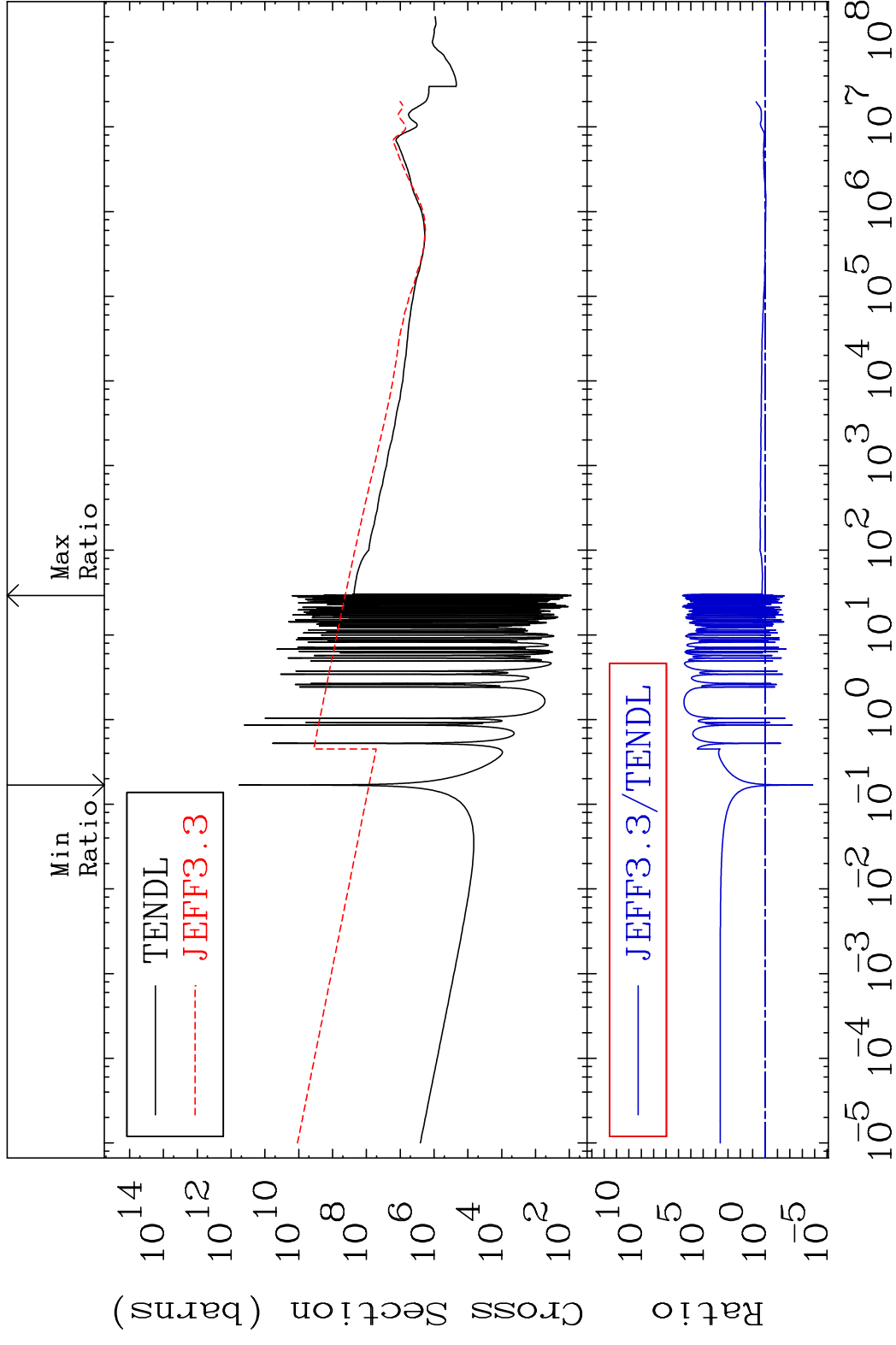
MAT 8925

Kerma capture (mt102) 89-Ac-225
Cross Section -99.99 To 9999. %

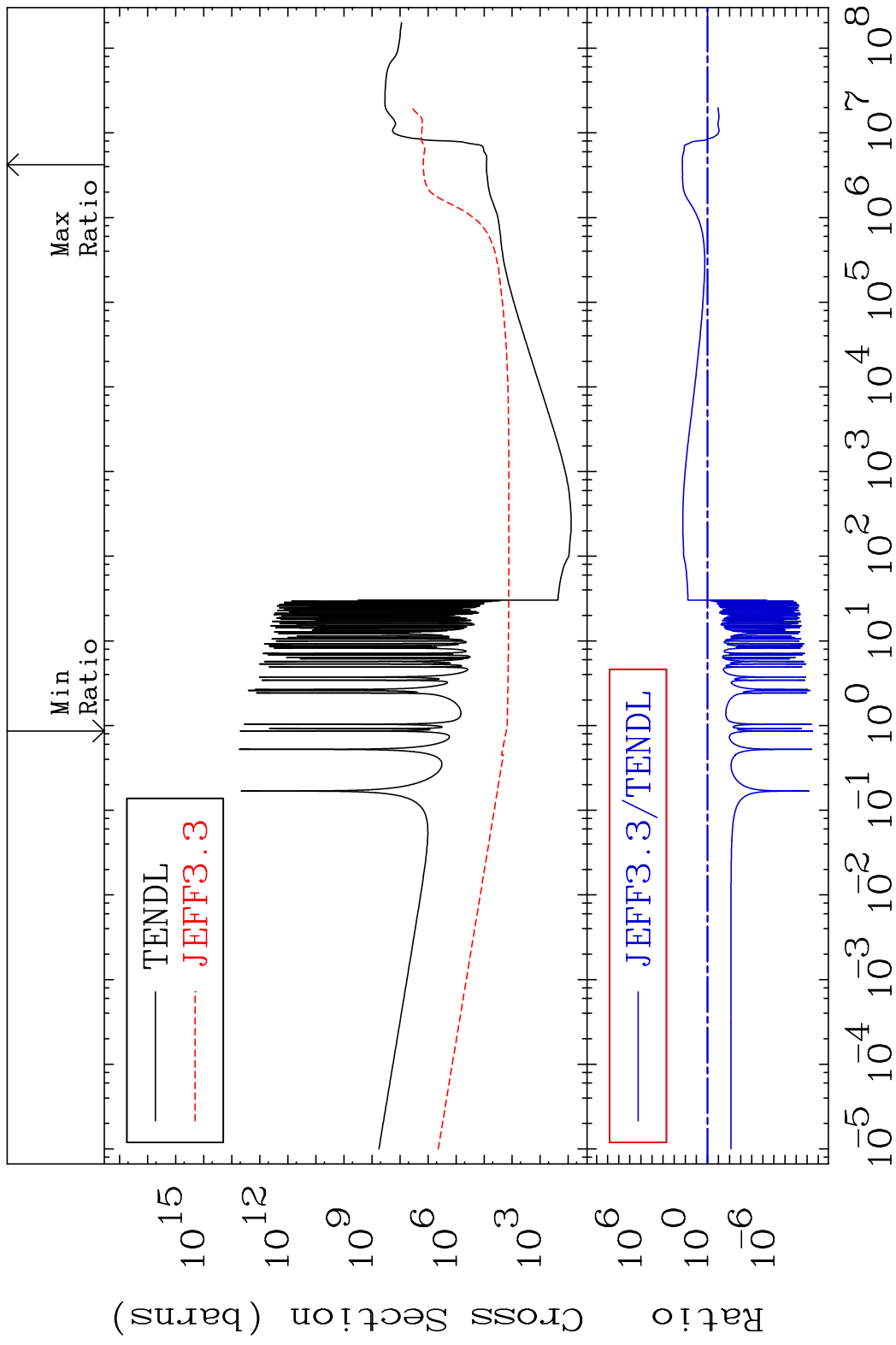


MAT 8925

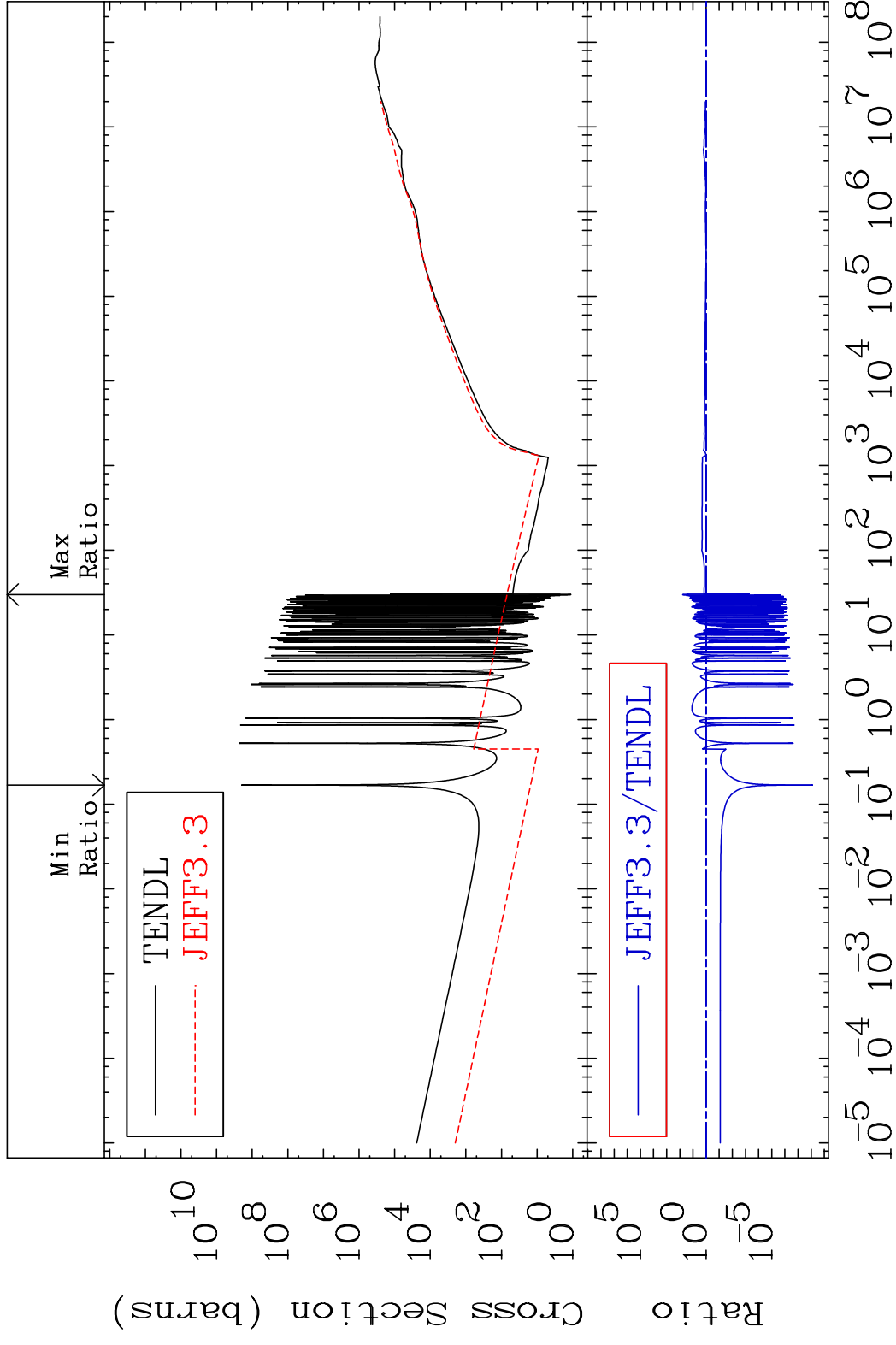
Total photon (eV-barns) 89-Ac-225
Cross Section -99.99 To 9999. %



MAT 8925 Total kinematic kerma (high limit) 89-Ac-225
 Cross Section -100.0 To 9999. %



Cross Section -100.0 To 6270. %



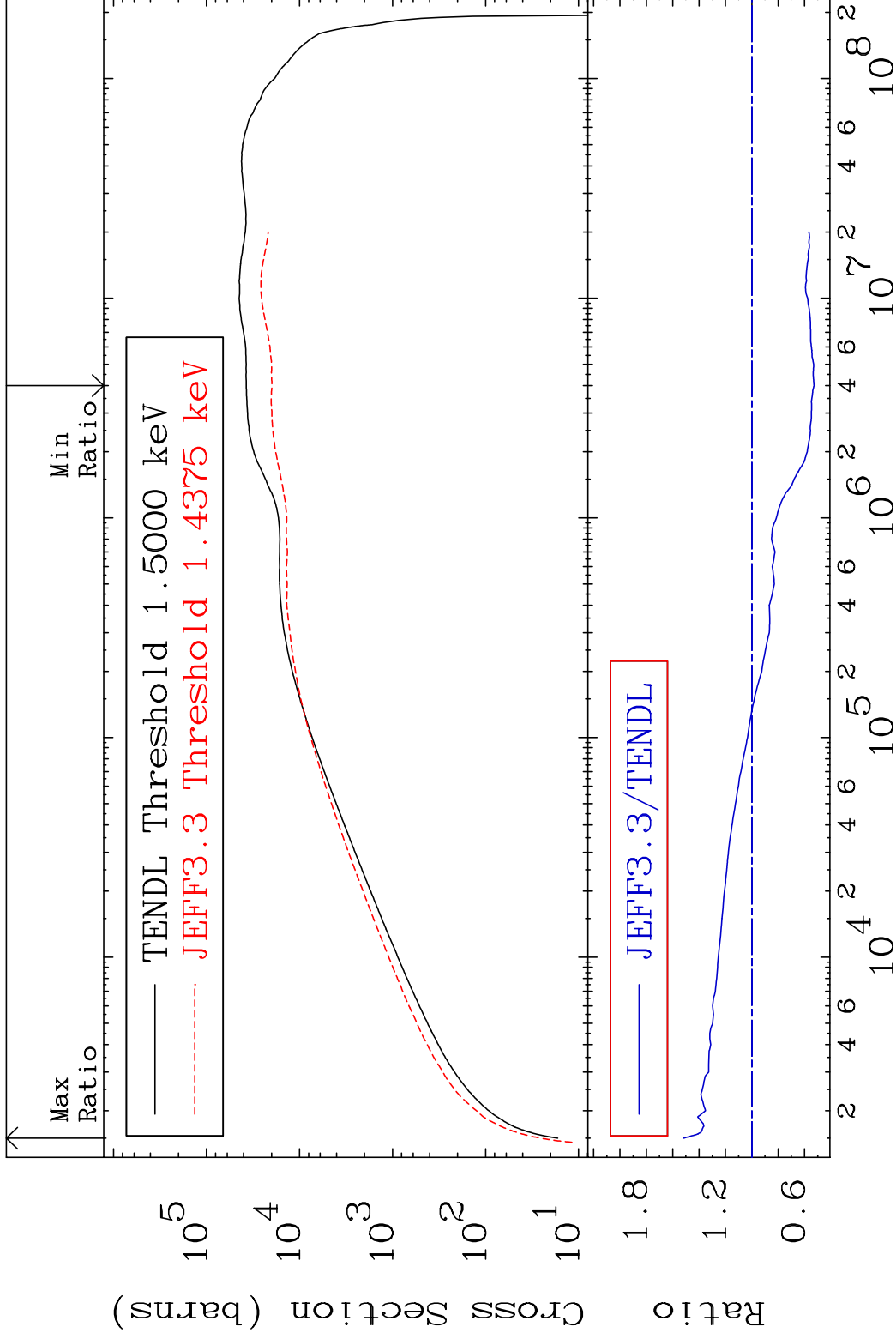
MAT 8925

Dpa elastic (mt2)

89-Ac-225

Cross Section

-47.23 To 51.83 %

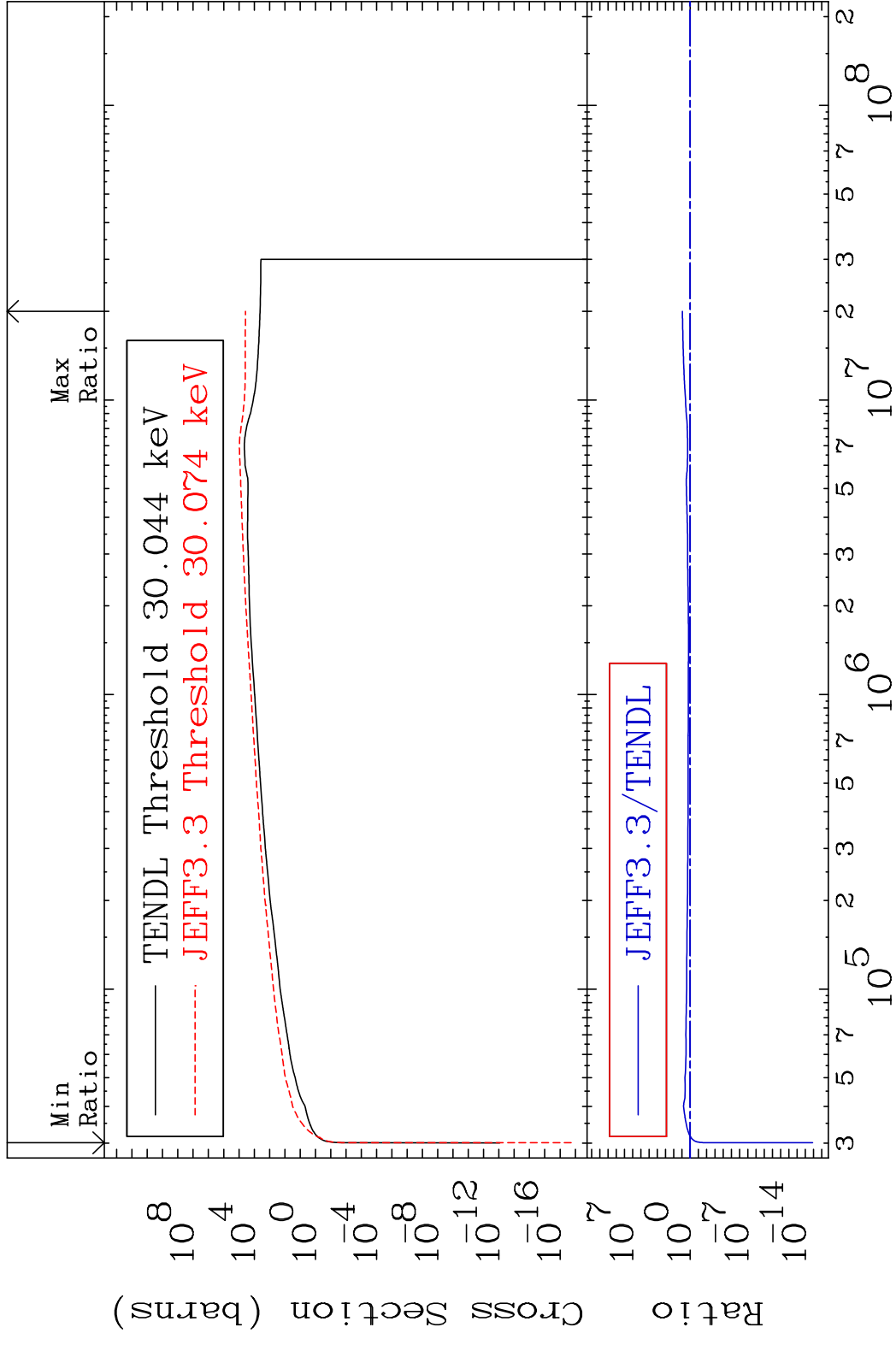


37

Incident Energy (eV)

89-Ac-225

MAT 8925 Dpa inelastic (mt51-91) 89-Ac-225
 Cross Section -100.0 To 810.8 %



MAT 8925 Dpa disappearance (mt102 -120) 89-Ac-225
 Cross Section -100.0 To 9999. %

