

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

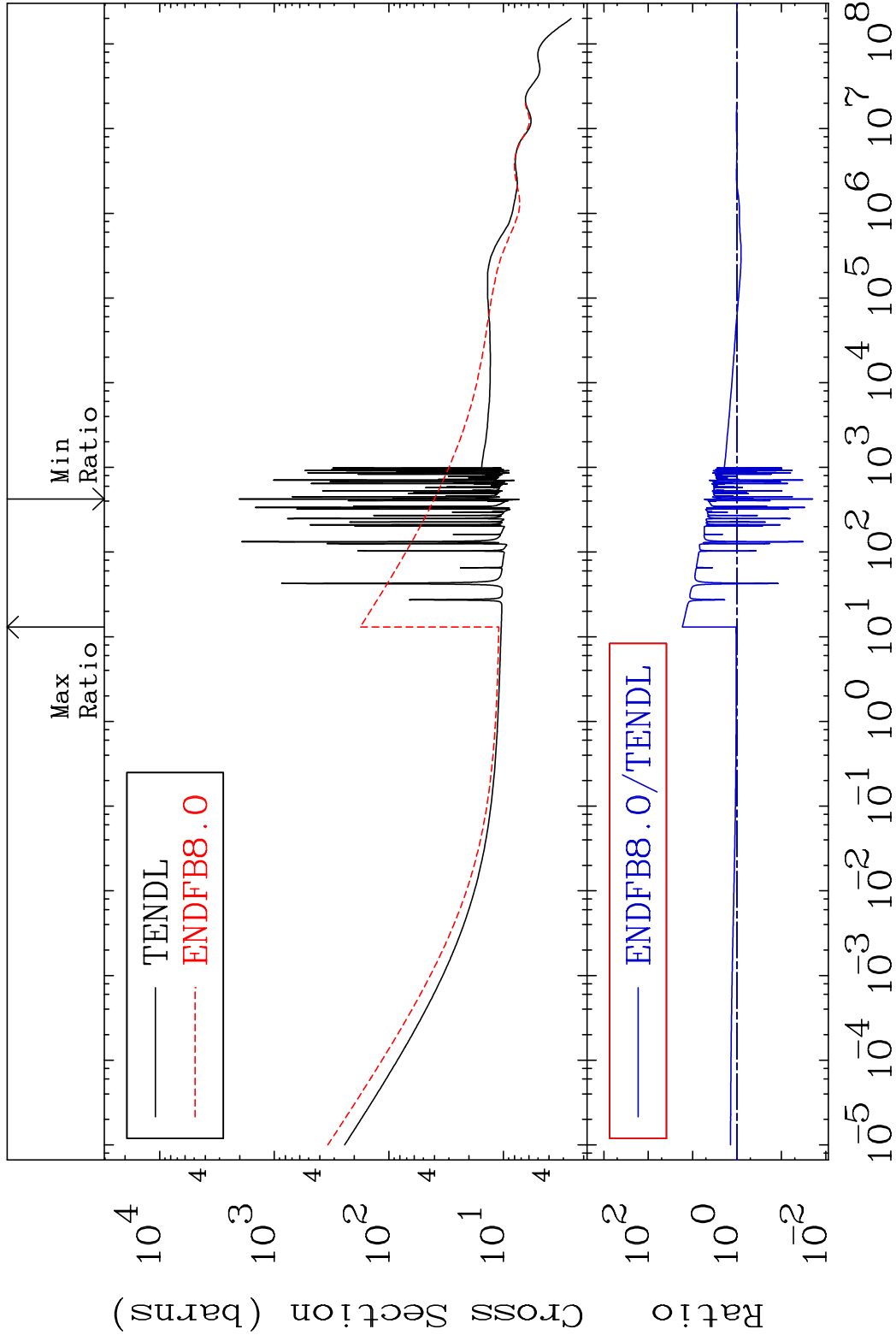
Press Mouse Button to Start

MAT 9867

Total

98-Cf-254

Cross Section -98.01 To 1603. %



1

Incident Energy (eV)

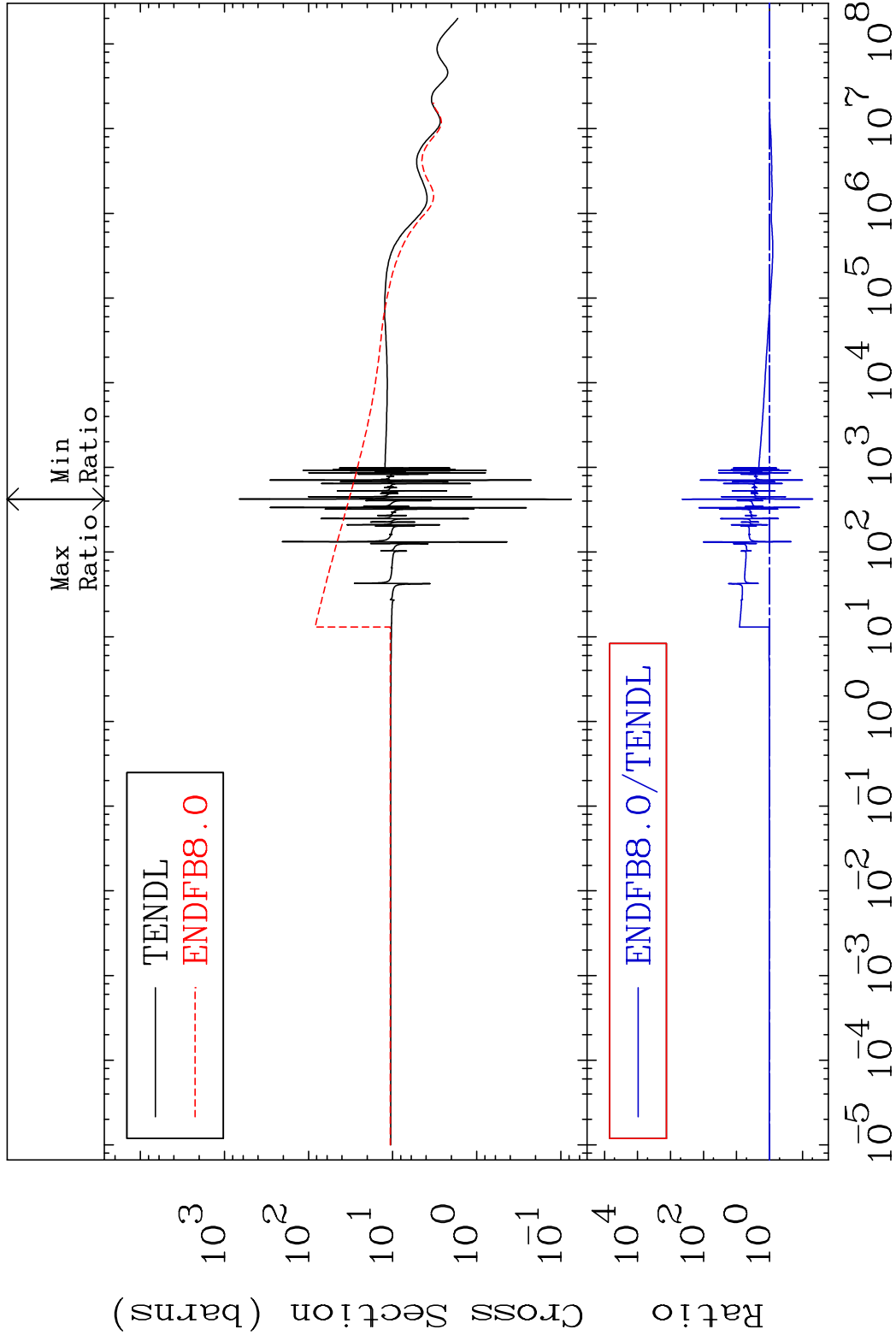
98-Cf-254

MAT 9867

Elastic

98-Cf-254

Cross Section -95.05 To 9999. %



2

Incident Energy (eV)

98-Cf-254

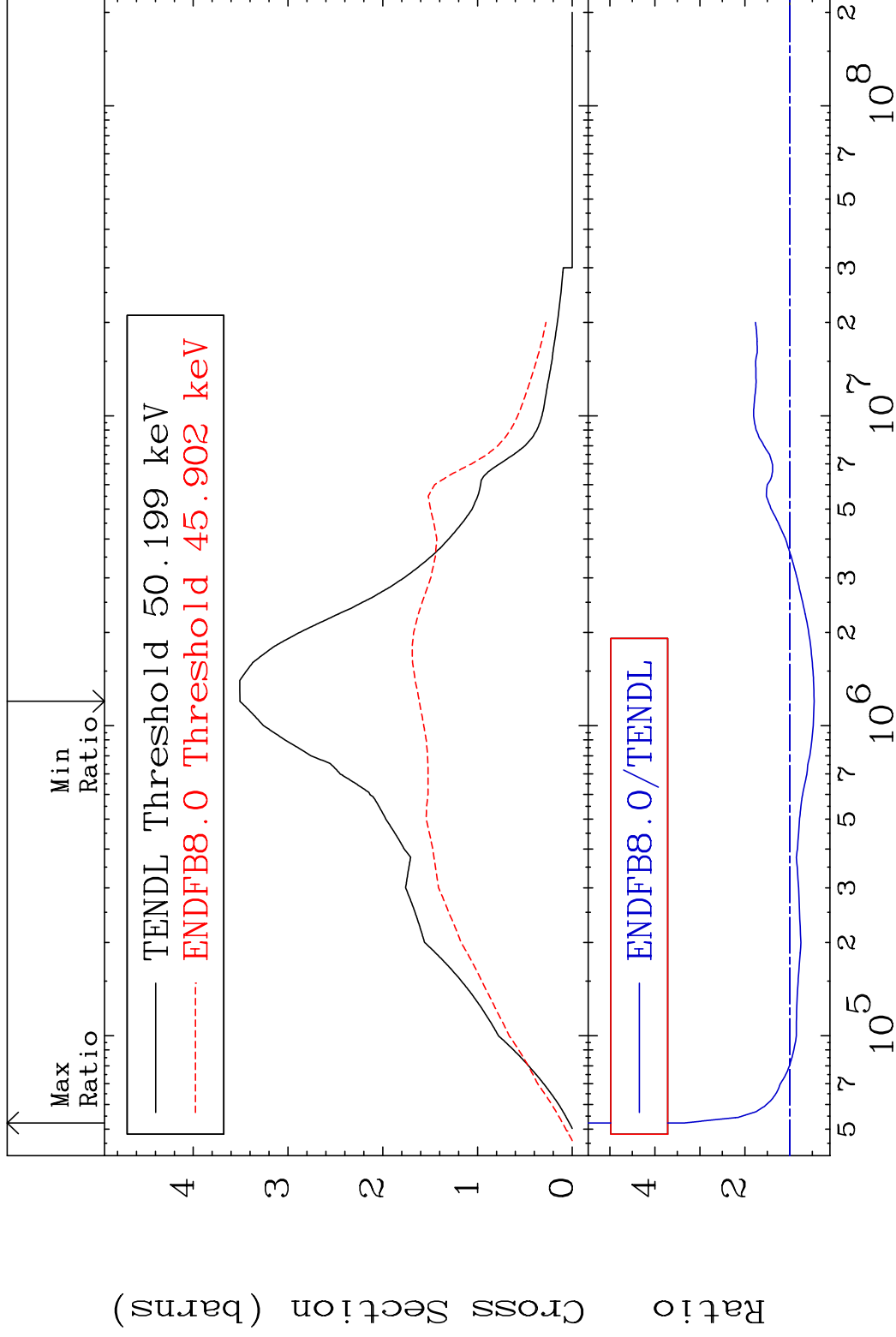
MAT 9867

Inelastic

98-Cf-254

Cross Section

-53.95 To 235.9 %



3

Incident Energy (eV)

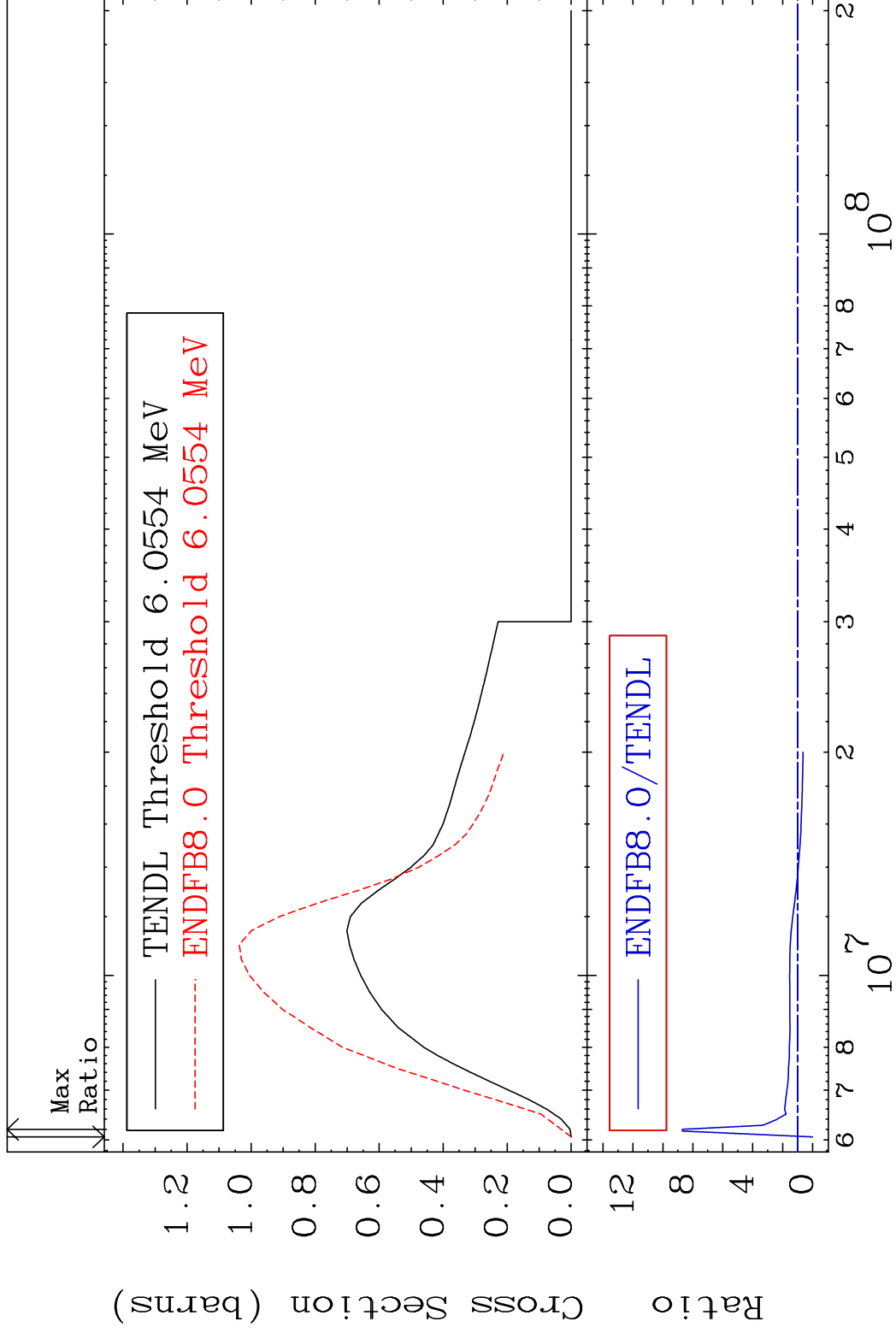
98-Cf-254

MAT 9867

(n,2n)

98-Cf-254

Cross Section -100.0 To 770.0 %



4

Incident Energy (eV)

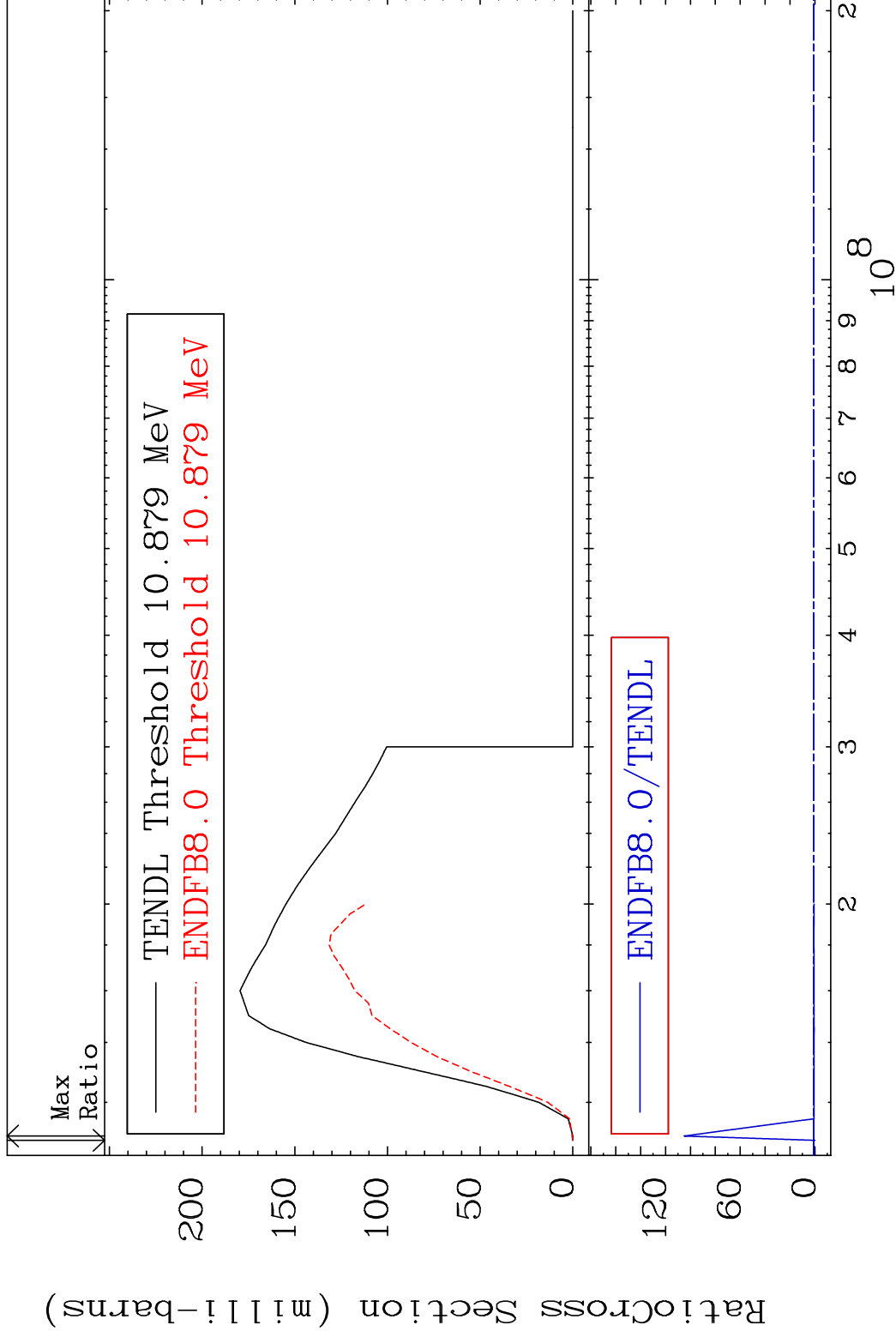
98-Cf-254

MAT 9867

(n,3n)

98-Cf-254

Cross Section -100.0 To 9999. %



5

Incident Energy (eV)

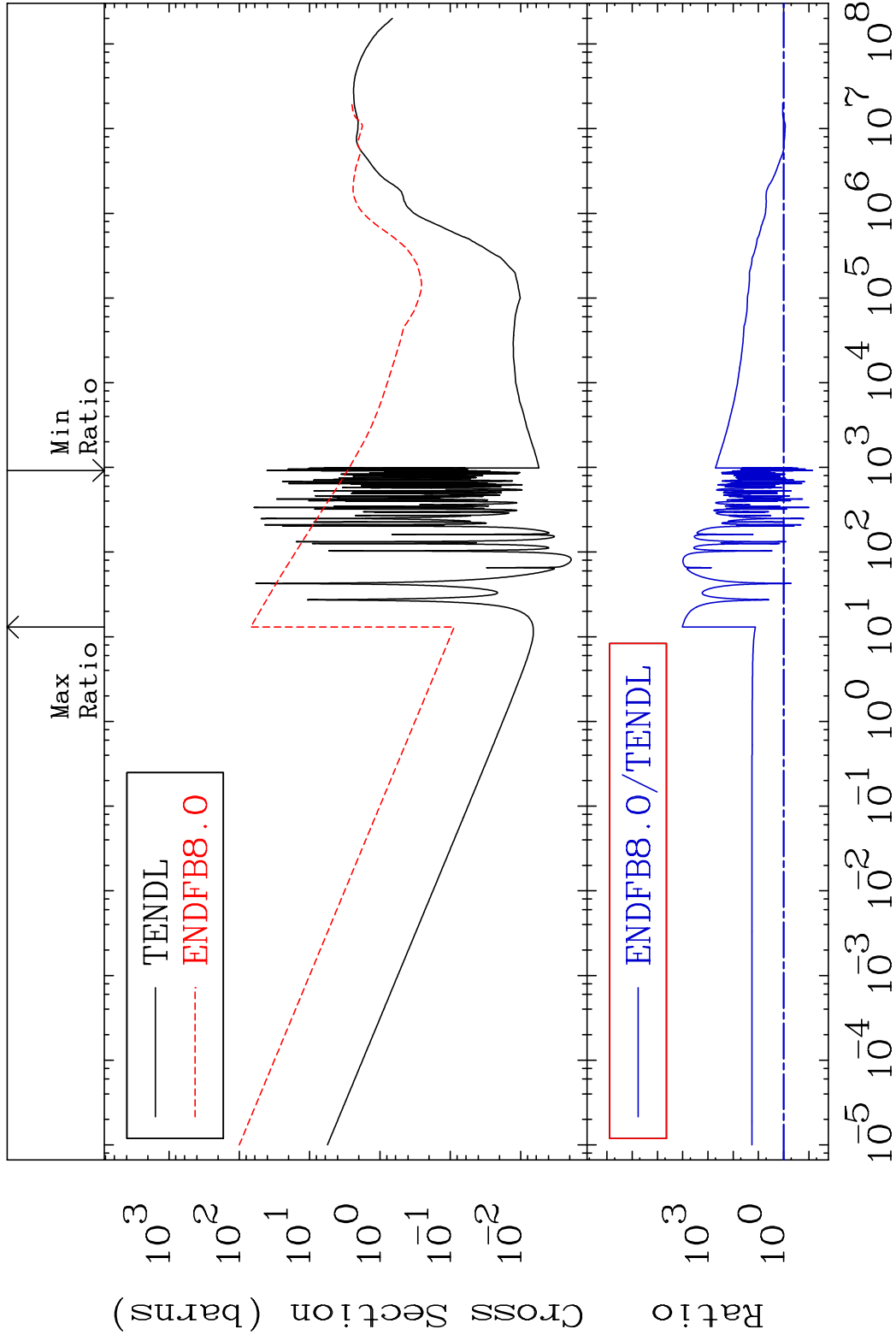
98-Cf-254

MAT 9867

Fission

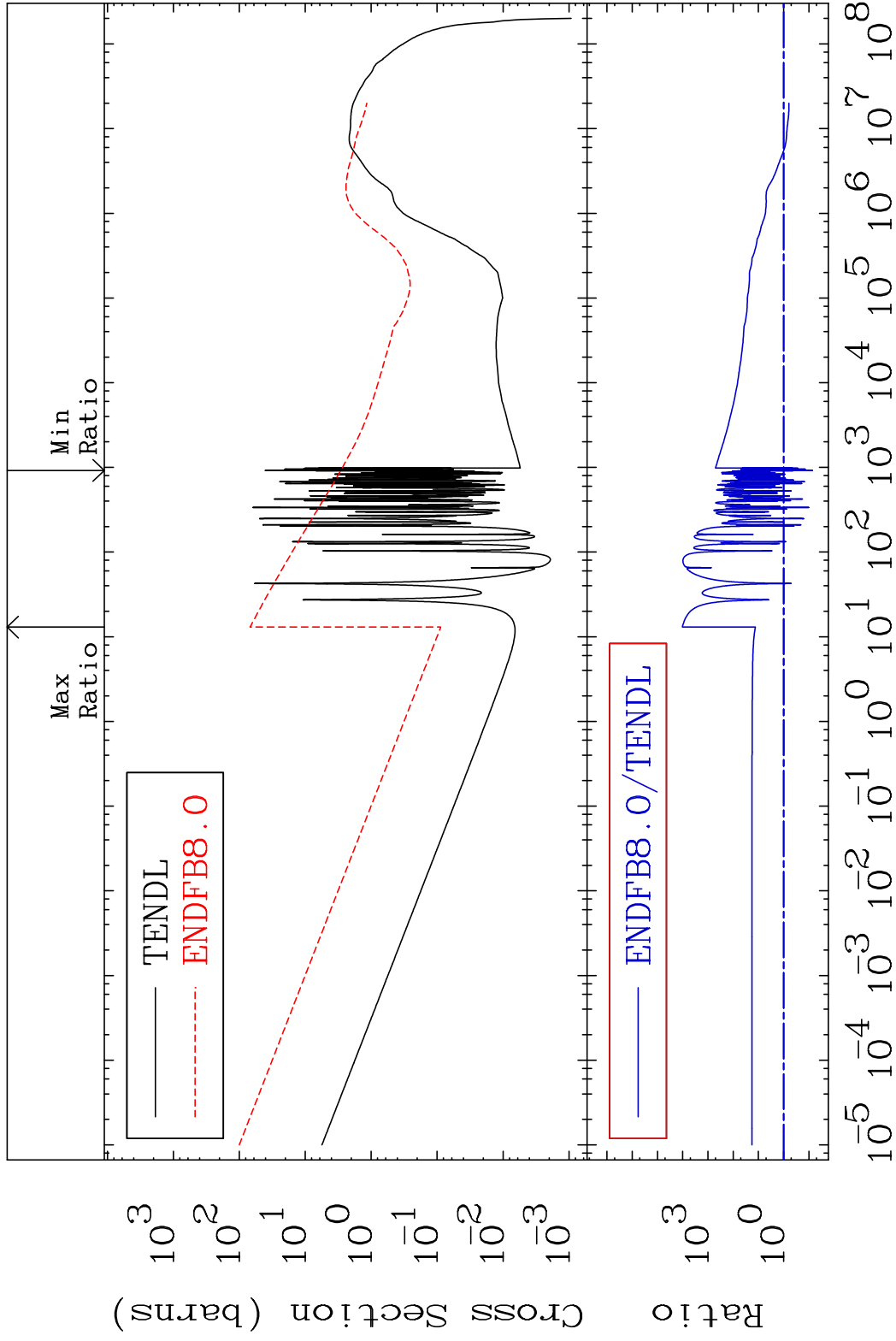
98-Cf-254

Cross Section -92.84 To 9999. %



MAT 9867

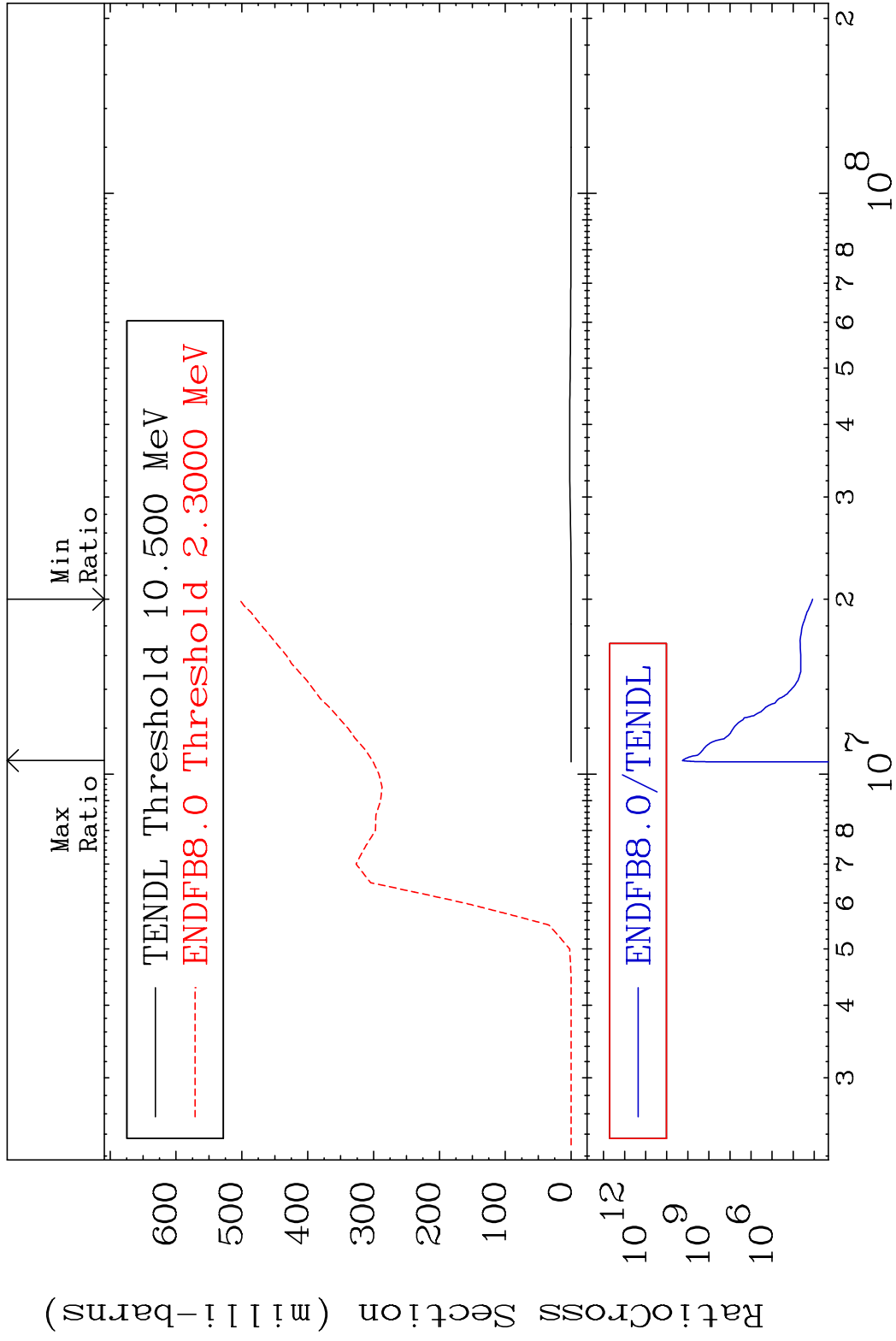
(n,f) First Chance 98-Cf-254
Cross Section -92.84 To 9999. %



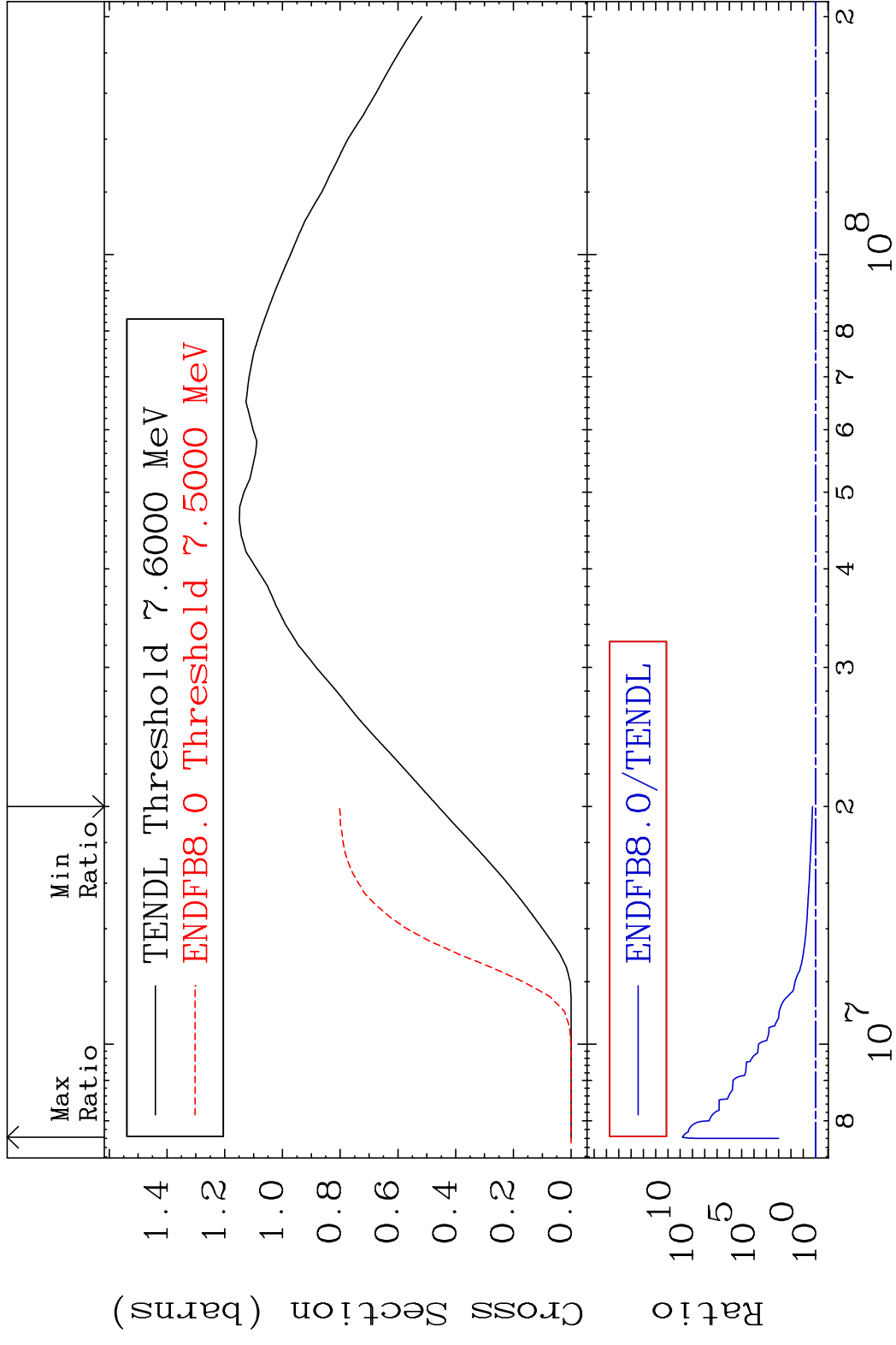
7

Incident Energy (eV)

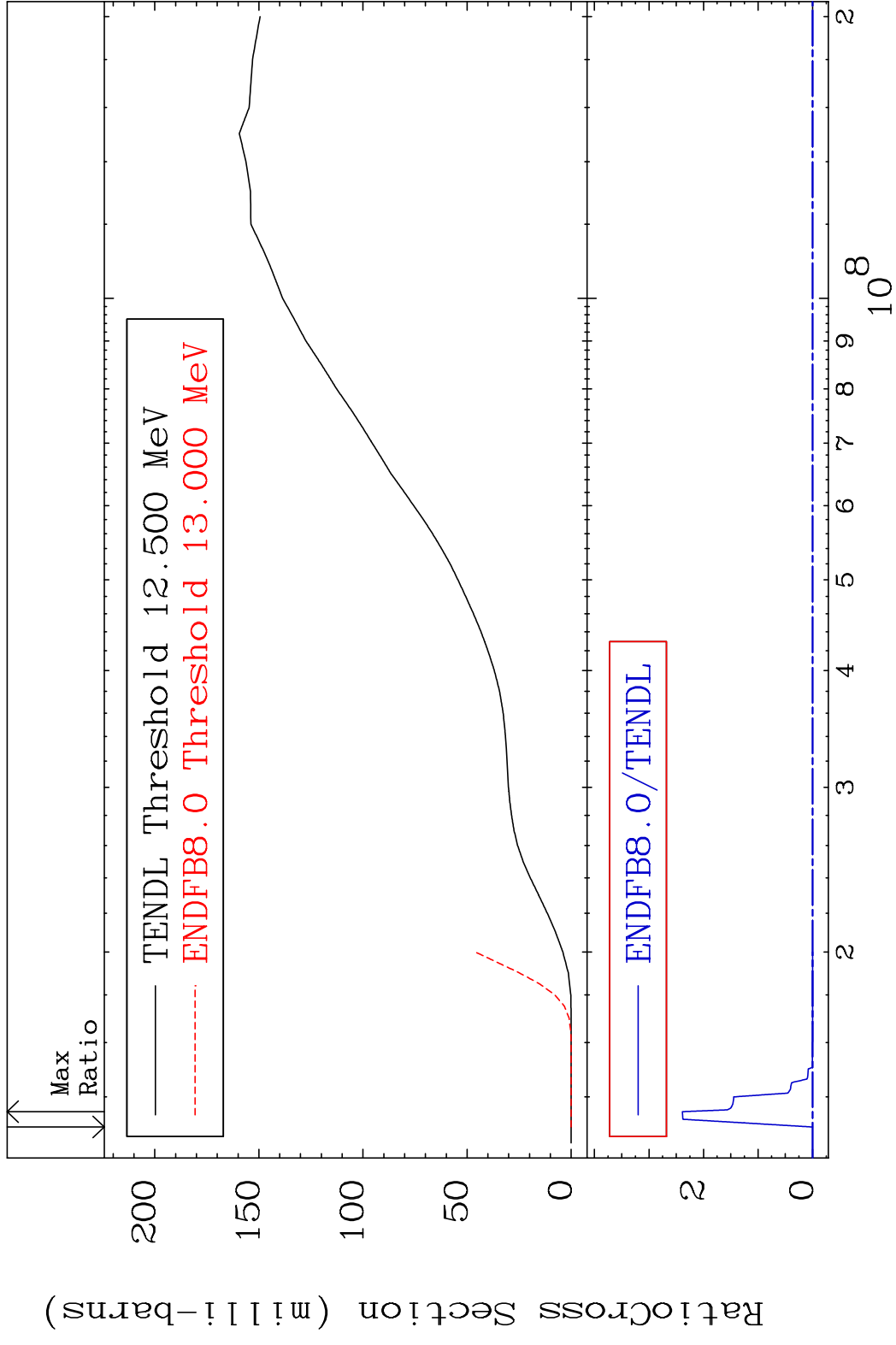
98-Cf-254



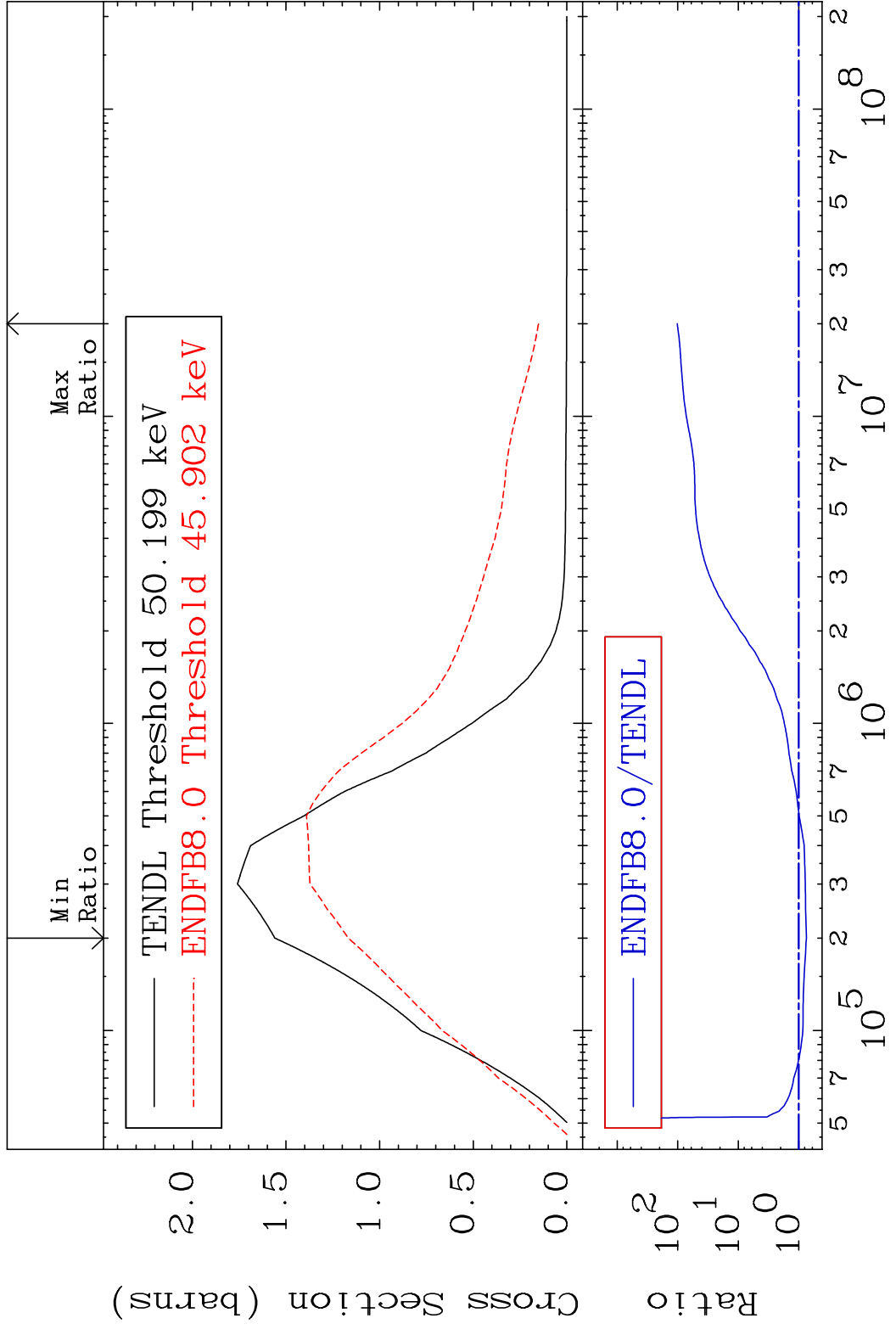
MAT 9867 (n,2nf) Third Chance 98-Cf-254
 Cross Section 74.14 To 9999. %



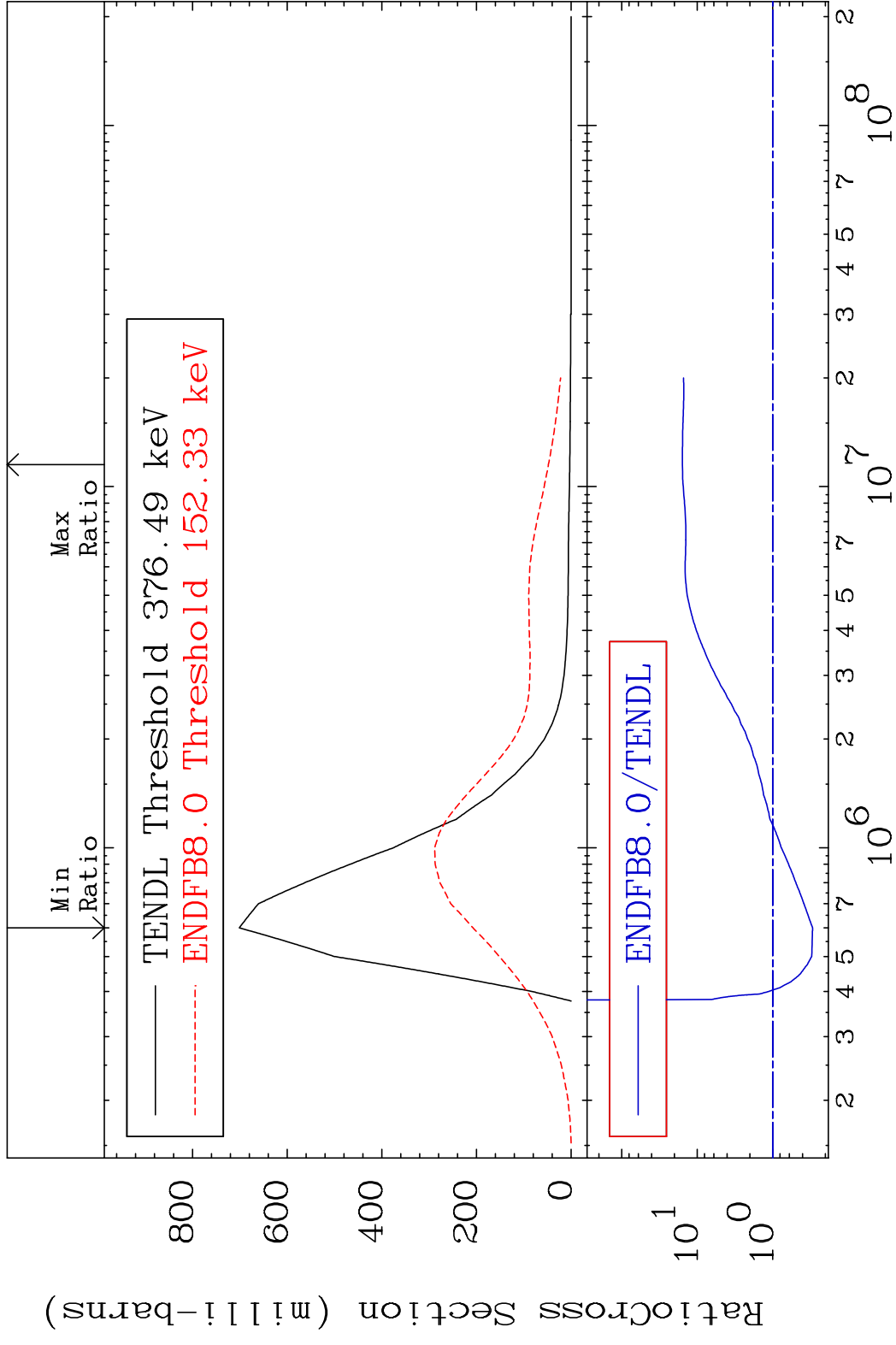
MAT 9867 (n,3nf) Fourth Chance 98-Cf-254
 Cross Section -100.0 To 9999. %



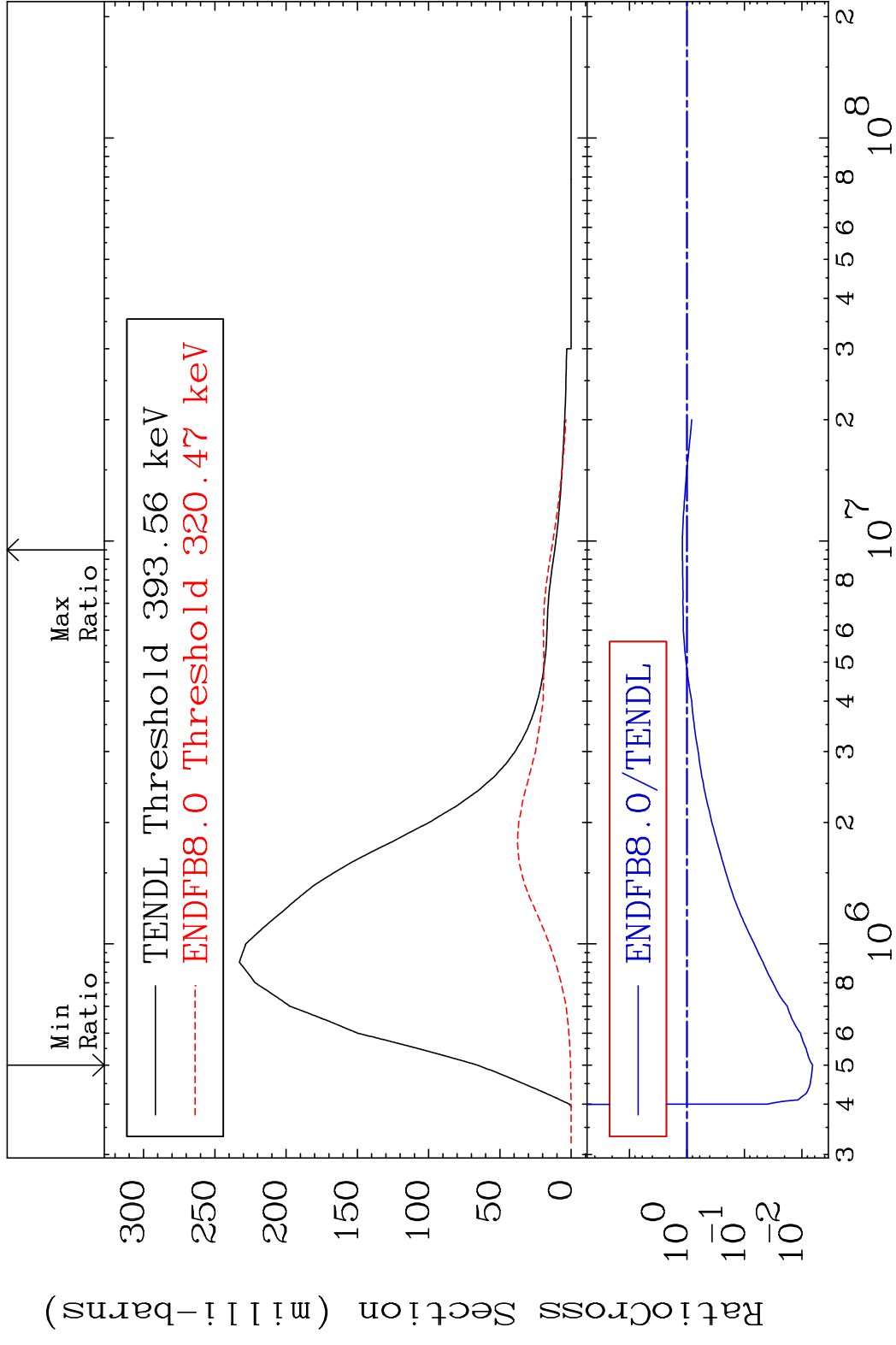
MAT 9867 MT= 51 (n,n') Level 98-Cf-254
 Cross Section -25.11 To 9999. %



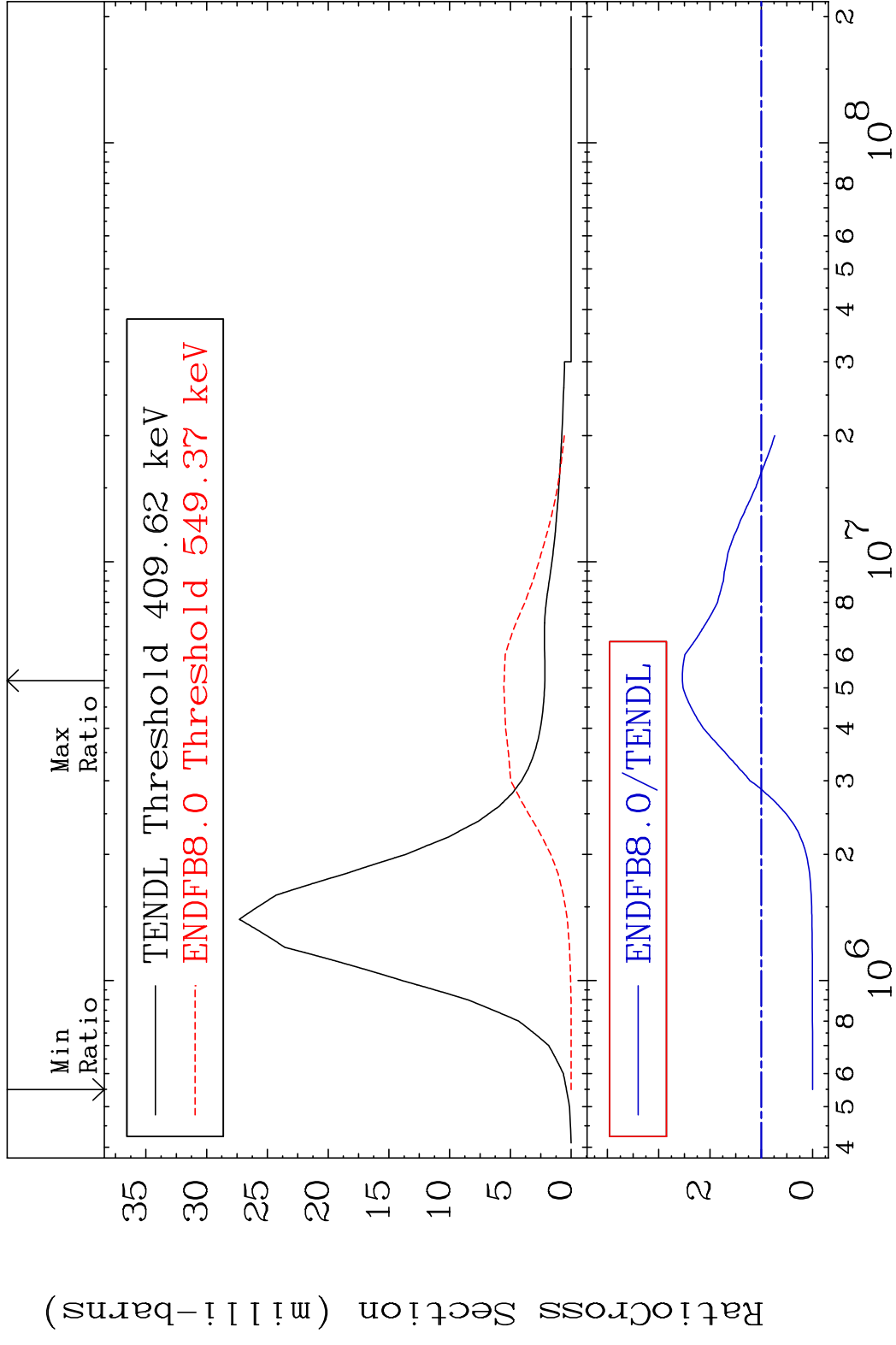
MAT 9867 MT= 52 (n, n') Level 98-Cf-254
 Cross Section -70.41 To 1470. %



MAT 9867 MT= 53 (n, n') Level 98-Cf-254
 Cross Section -99.35 To 19.92 %



MAT 9867 MT= 54 (n,n') Level 98-Cf-254
 Cross Section -100.0 To 153.9 %

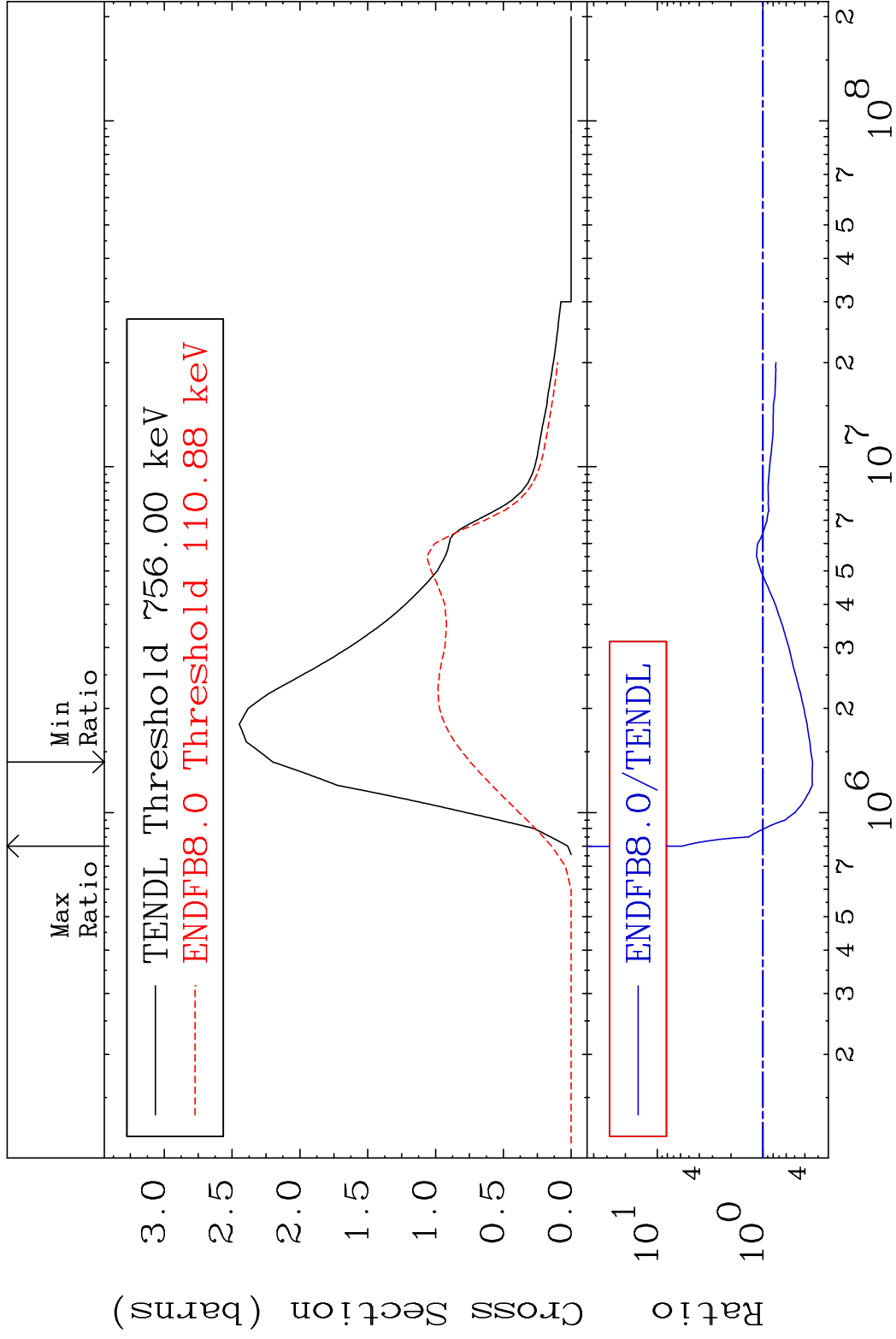


MAT 9867

(n, n') Continuum

98-Cf-254

Cross Section -66.17 To 477.9 %

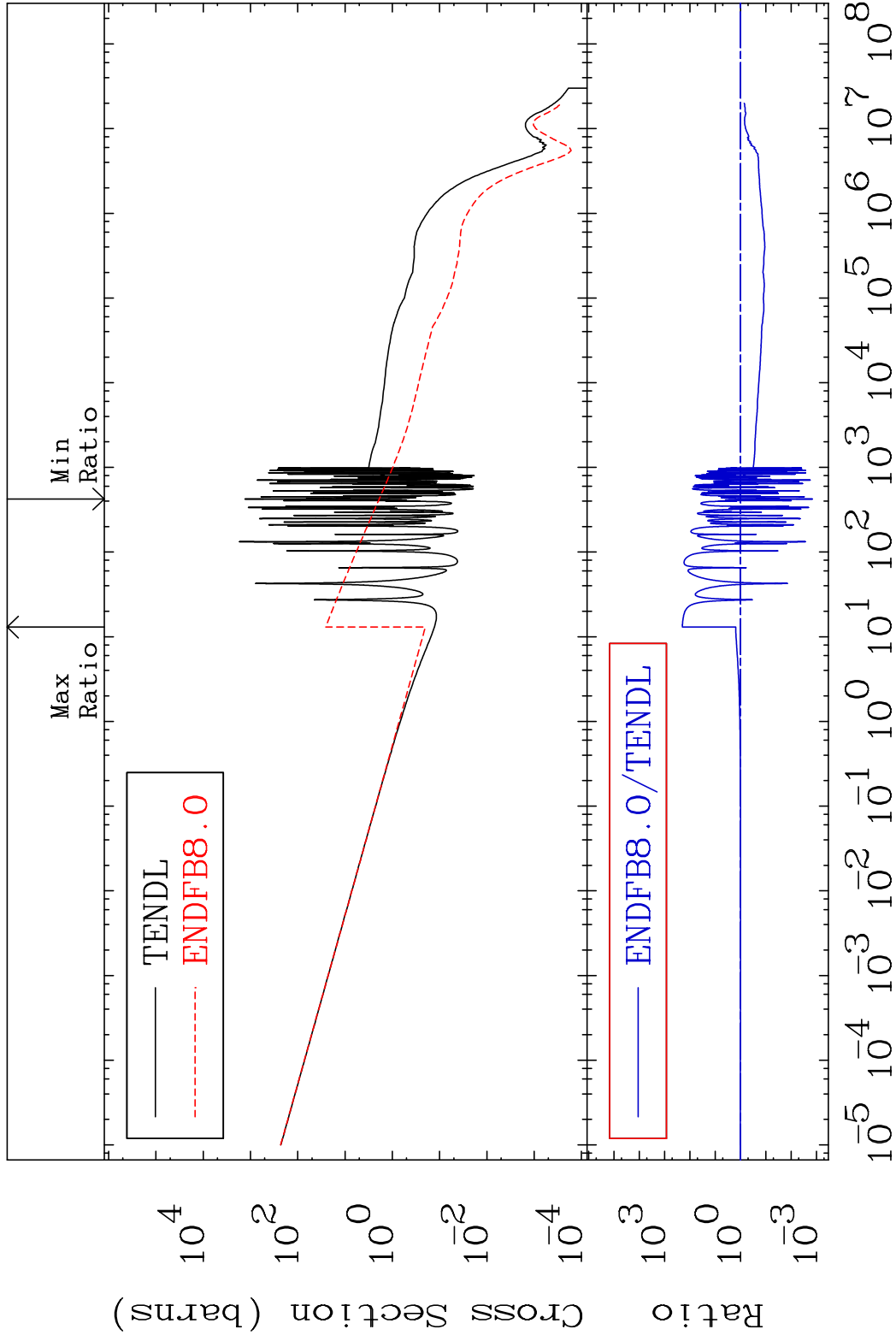


MAT 9867

(n, γ)

98-Cf-254

Cross Section -99.86 To 9999. %

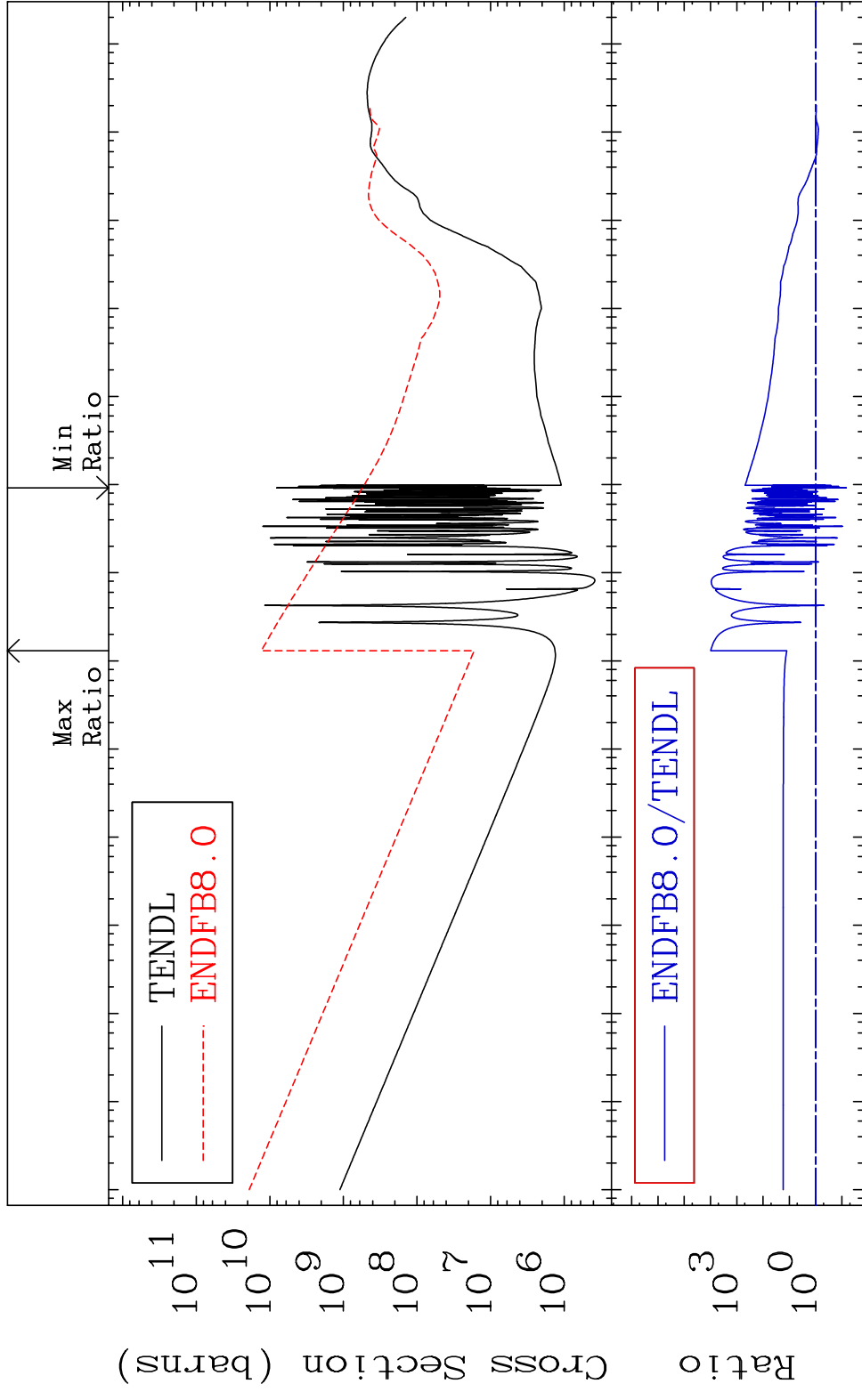


17

Incident Energy (eV)

98-Cf-254

MAT 9867 Kerma total (eV-barns) 98-Cf-254
 Cross Section -93.18 To 9999. %

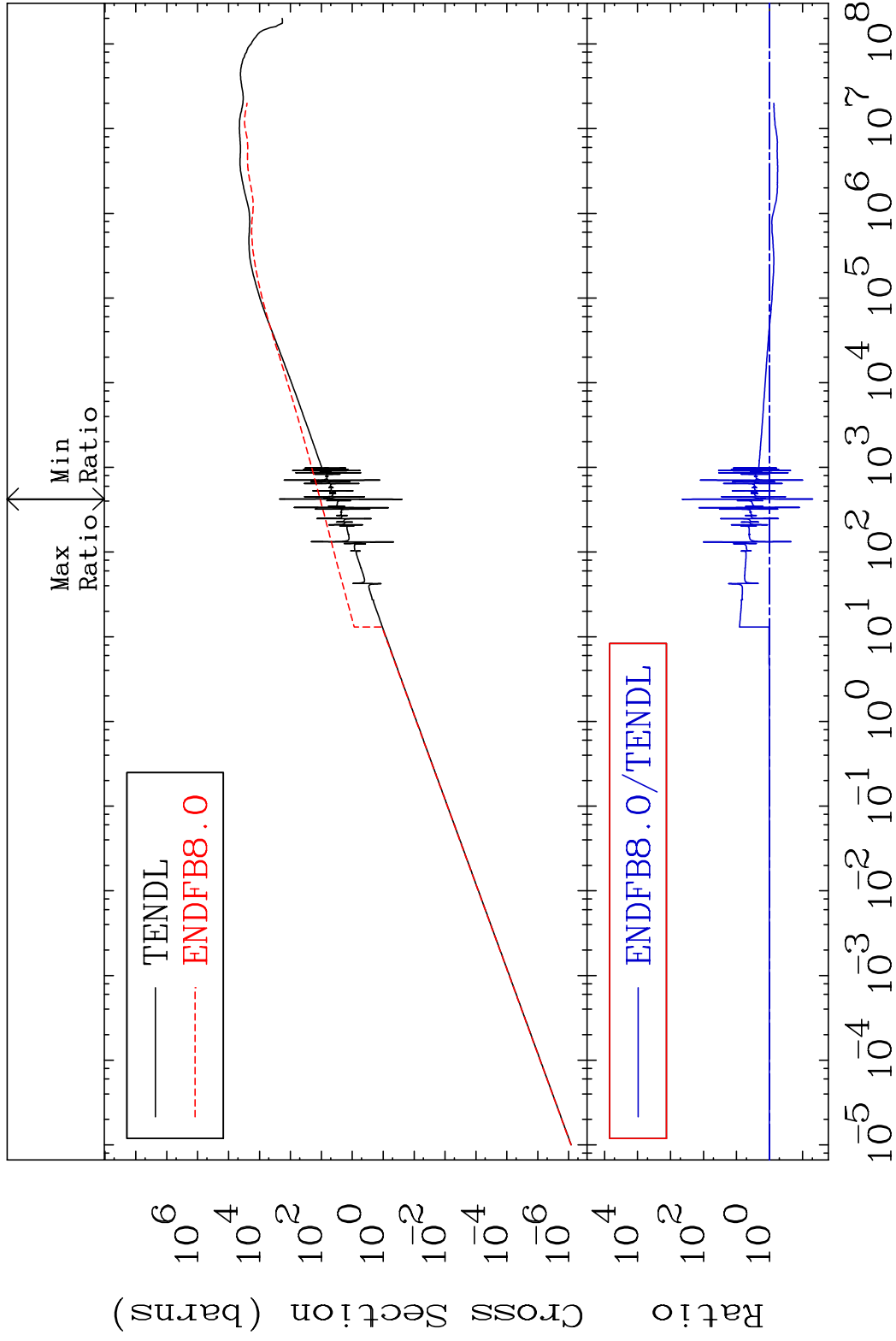


MAT 9867

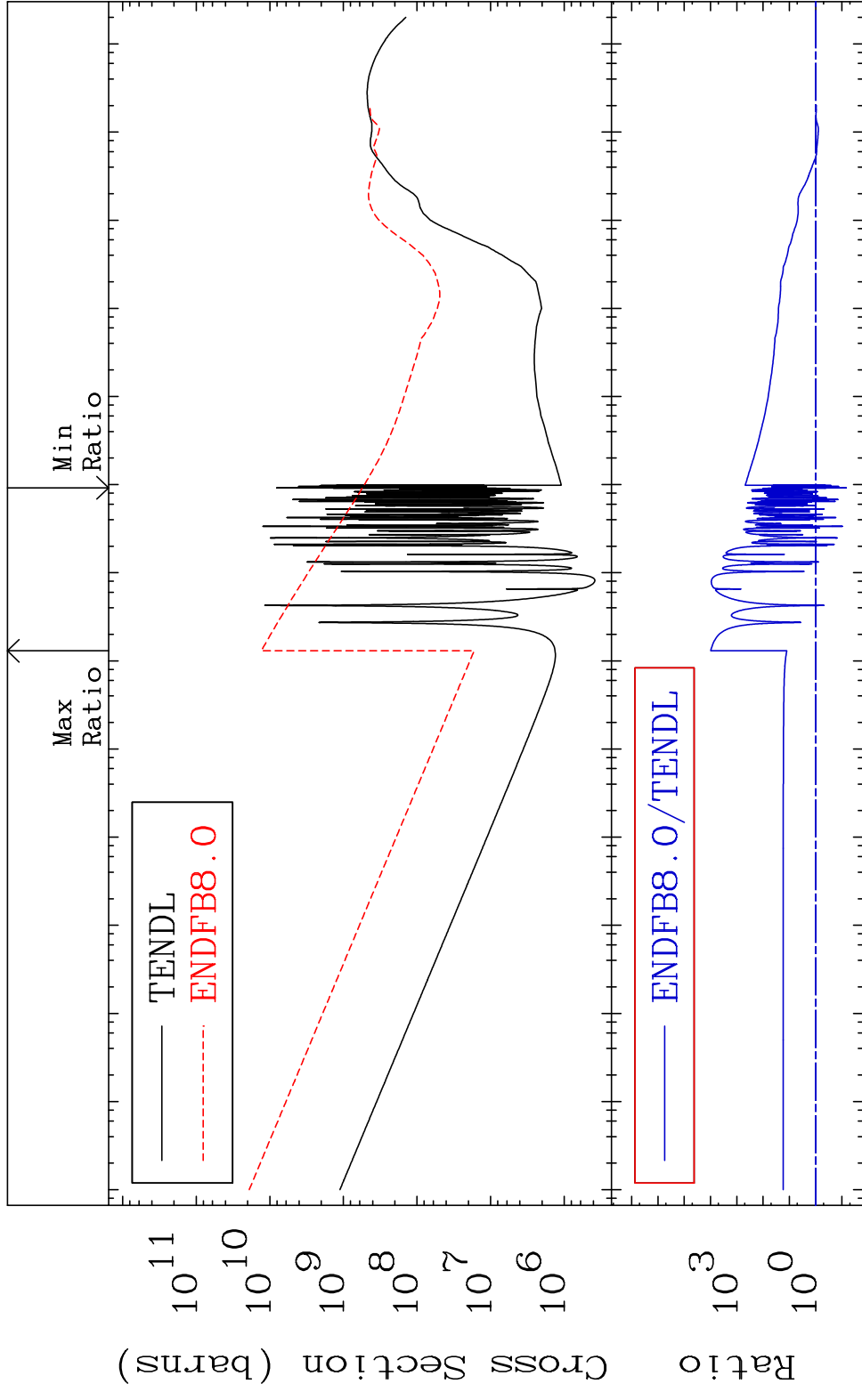
Kerma elastic

98-Cf-254

Cross Section -95.05 To 9999. %

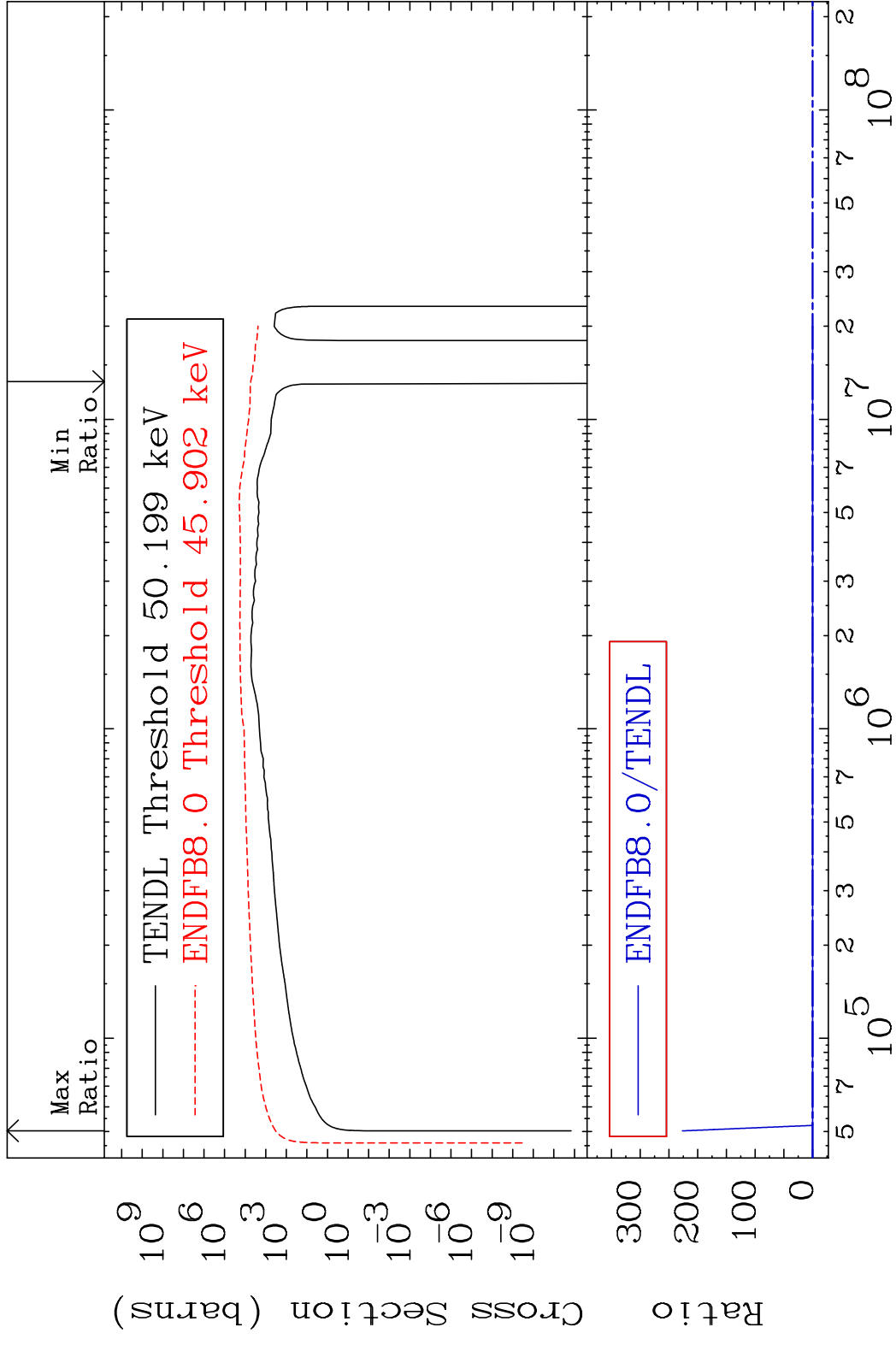


MAT 9867 Kerma non-elastic (all but mt2) 98-Cf-254
 Cross Section -93.18 To 9999. %

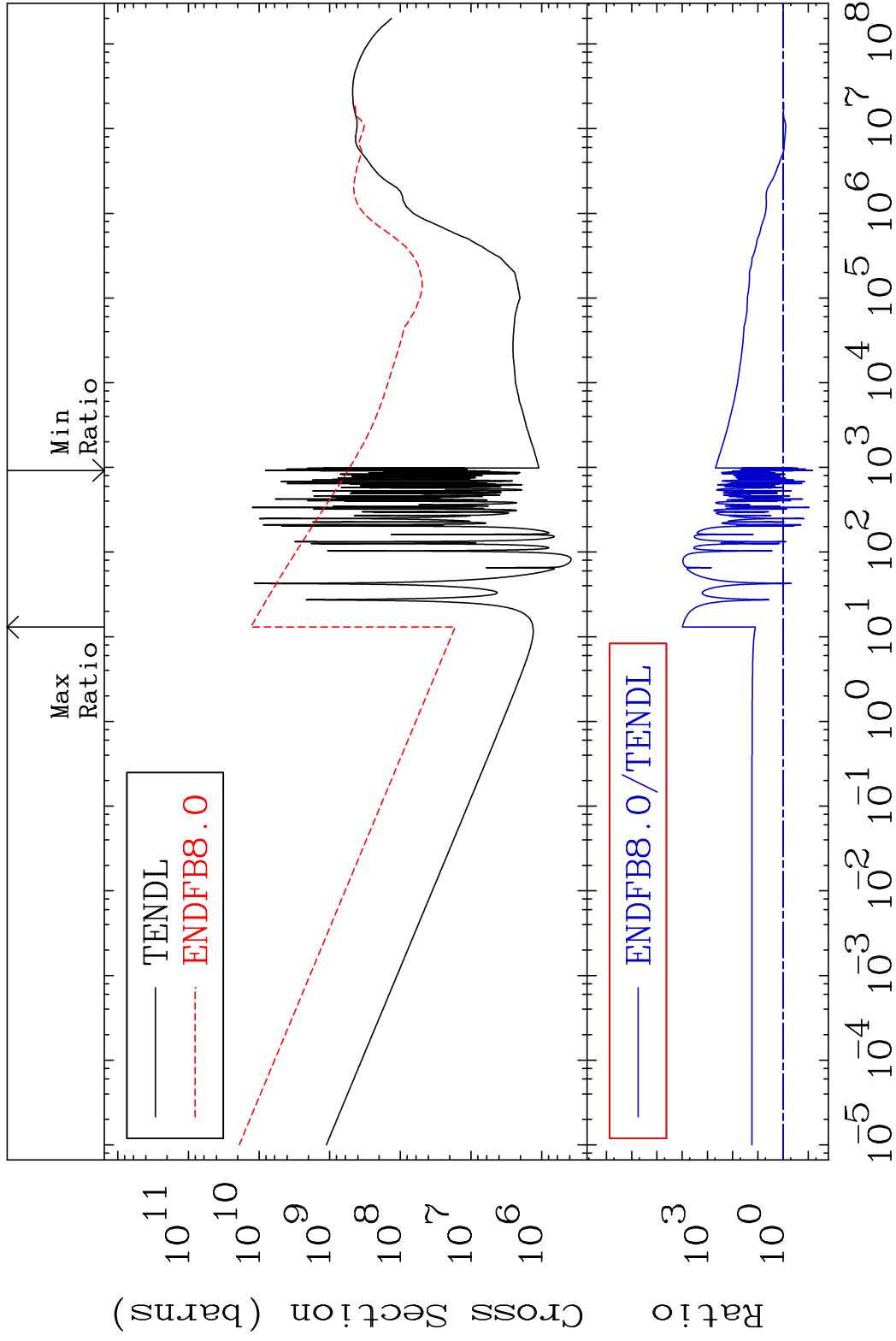


20 Incident Energy (eV) 98-Cf-254

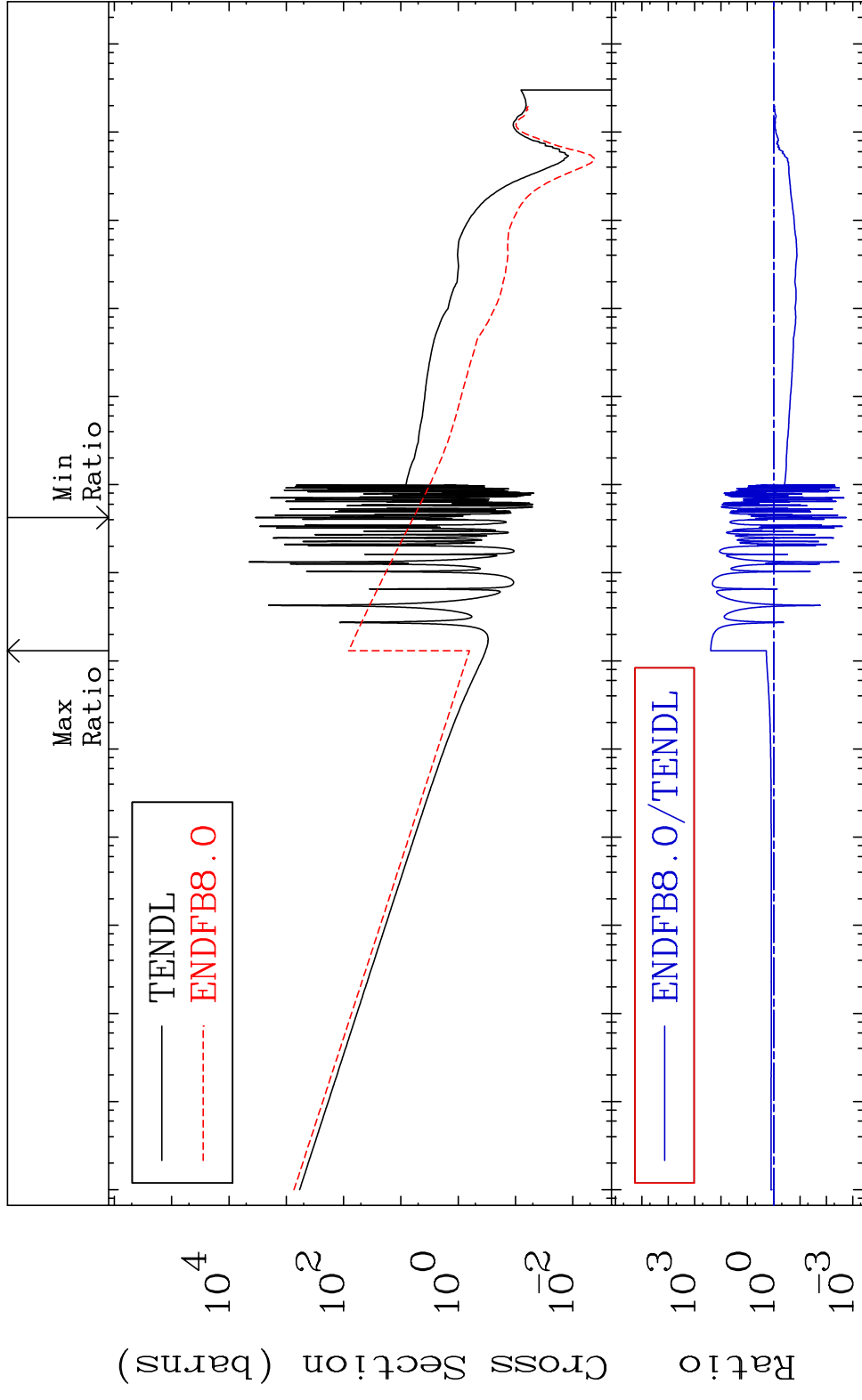
MAT 9867 Kerma inelastic (mt51-91) 98-Cf-254
 Cross Section -9999. To 9999. %



MAT 9867 Kerma fission (mt18 or mt19-20-21-38) 98-Cf-254
 Cross Section -93.18 To 9999. %

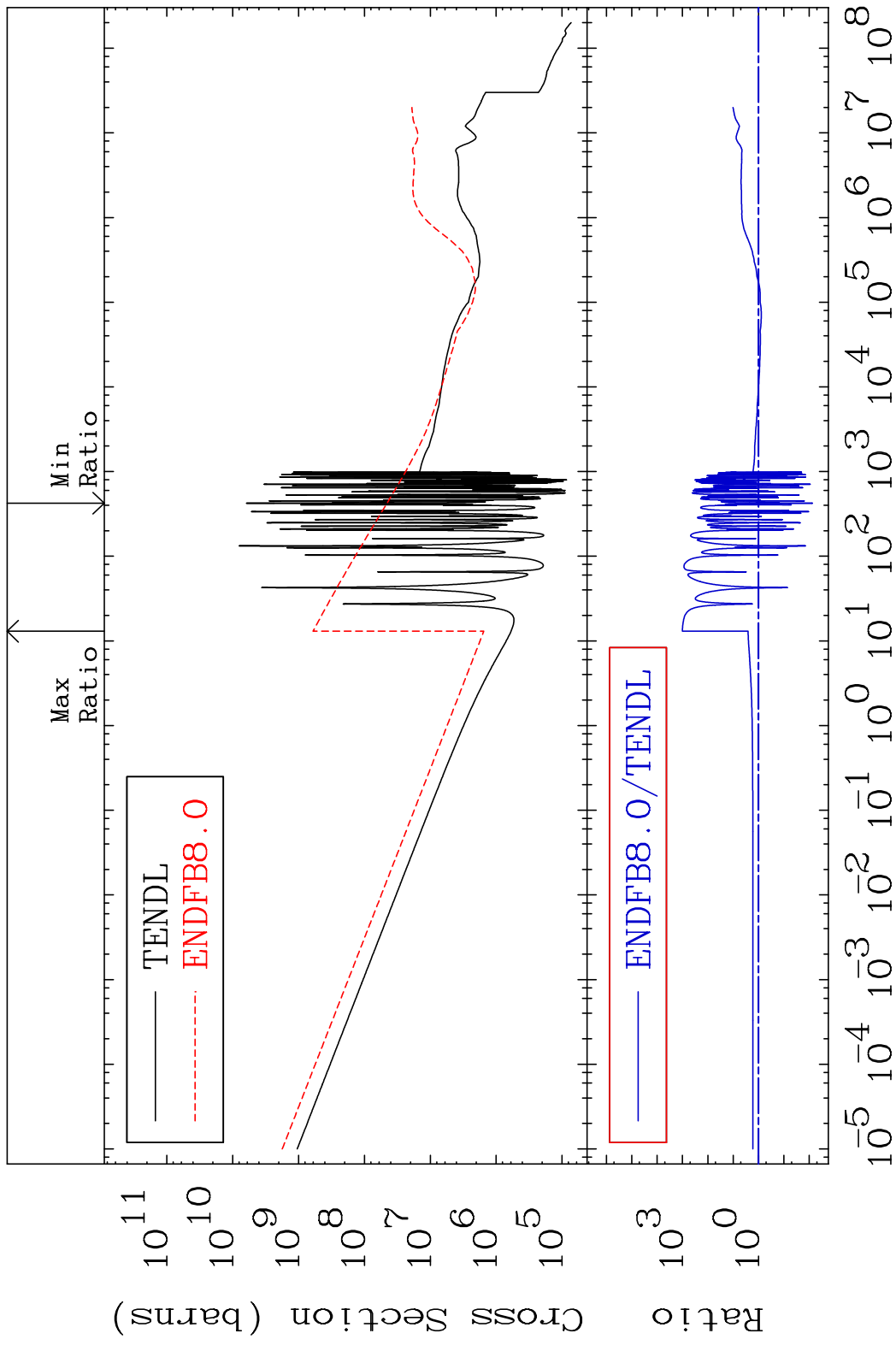


MAT 9867 Kerma capture (mt102) 98-Cf-254
 Cross Section -99.82 To 9999. %



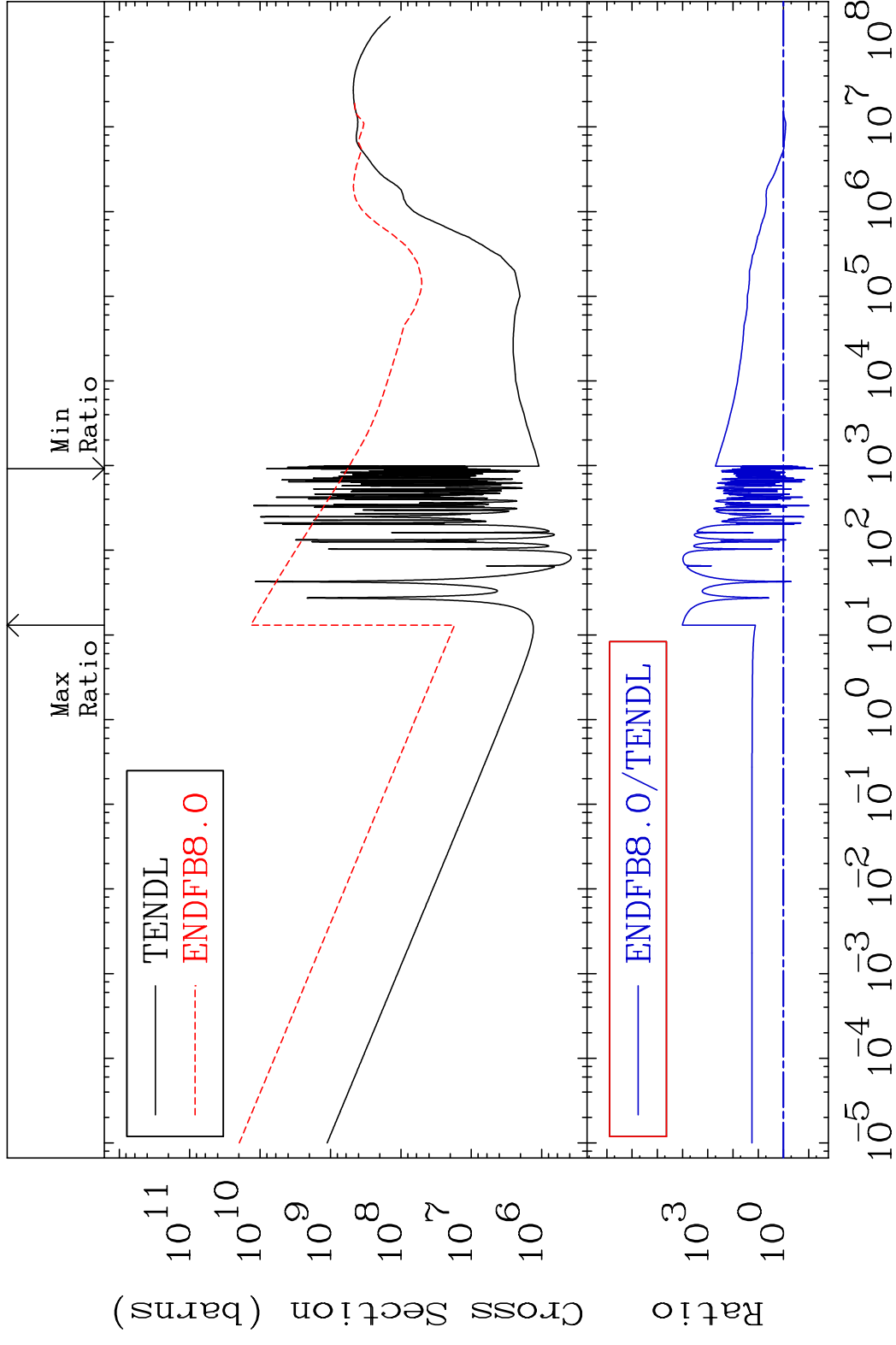
23 Incident Energy (eV) 98-Cf-254

MAT 9867 Total photon (eV-barns) 98-Cf-254
 Cross Section -99.26 To 9999. %



24 Incident Energy (eV) 98-Cf-254

MAT 9867 Total kinematic kerma (high limit) 98-Cf-254
 Cross Section -92.93 To 9999. %

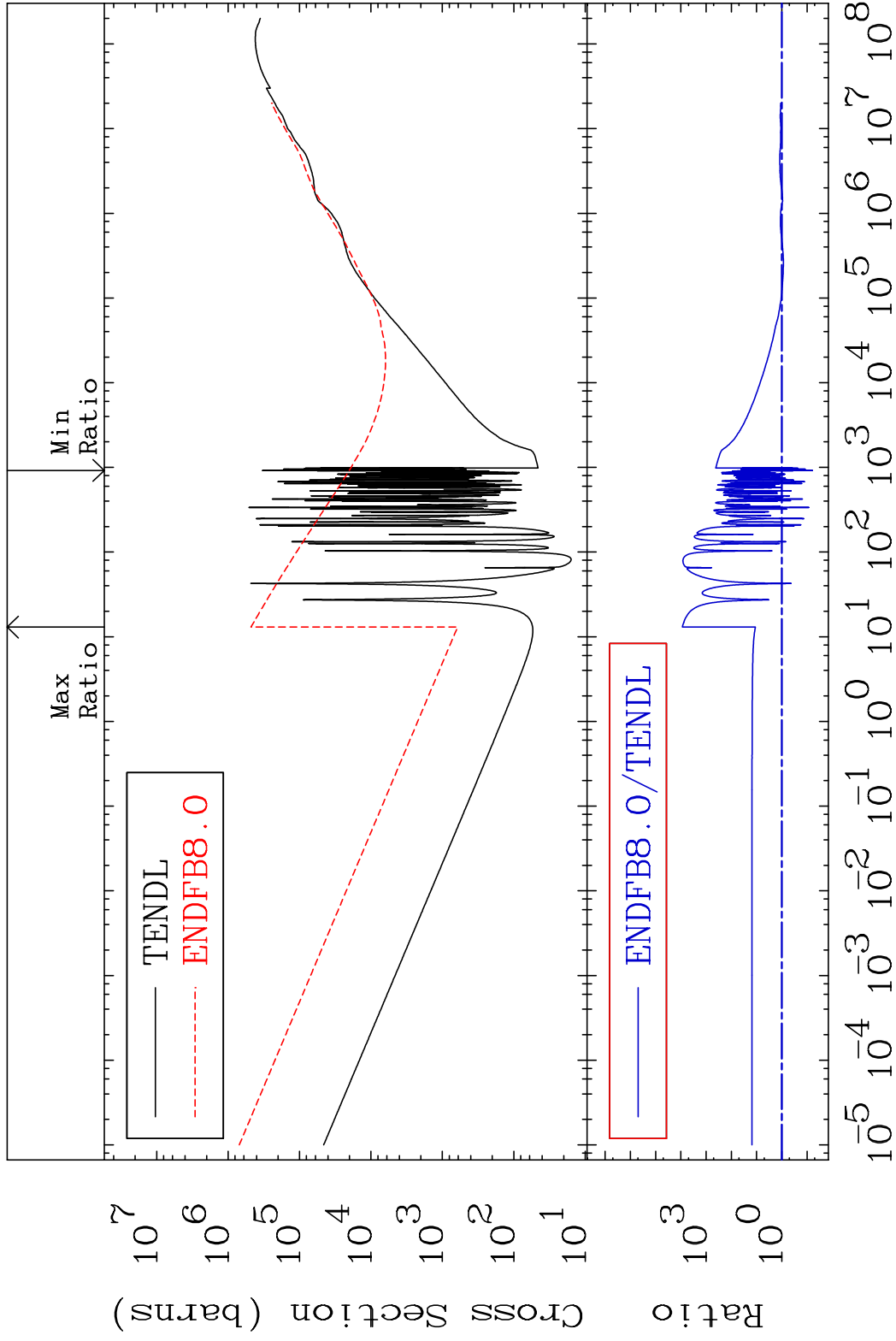


MAT 9867

Dpa total (eV-barns)

98-Cf-254

Cross Section -93.92 To 9999. %



26

Incident Energy (eV)

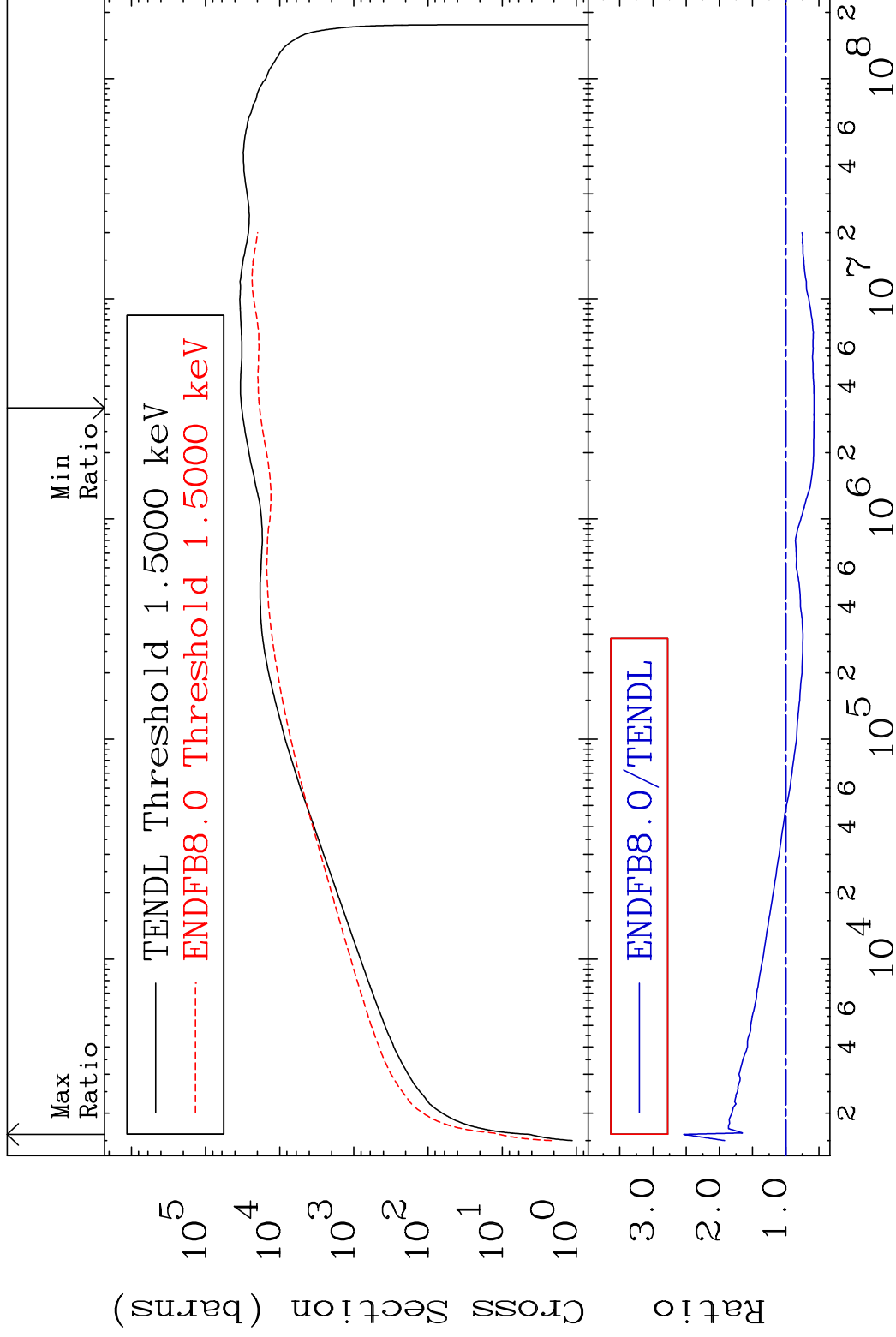
98-Cf-254

MAT 9867

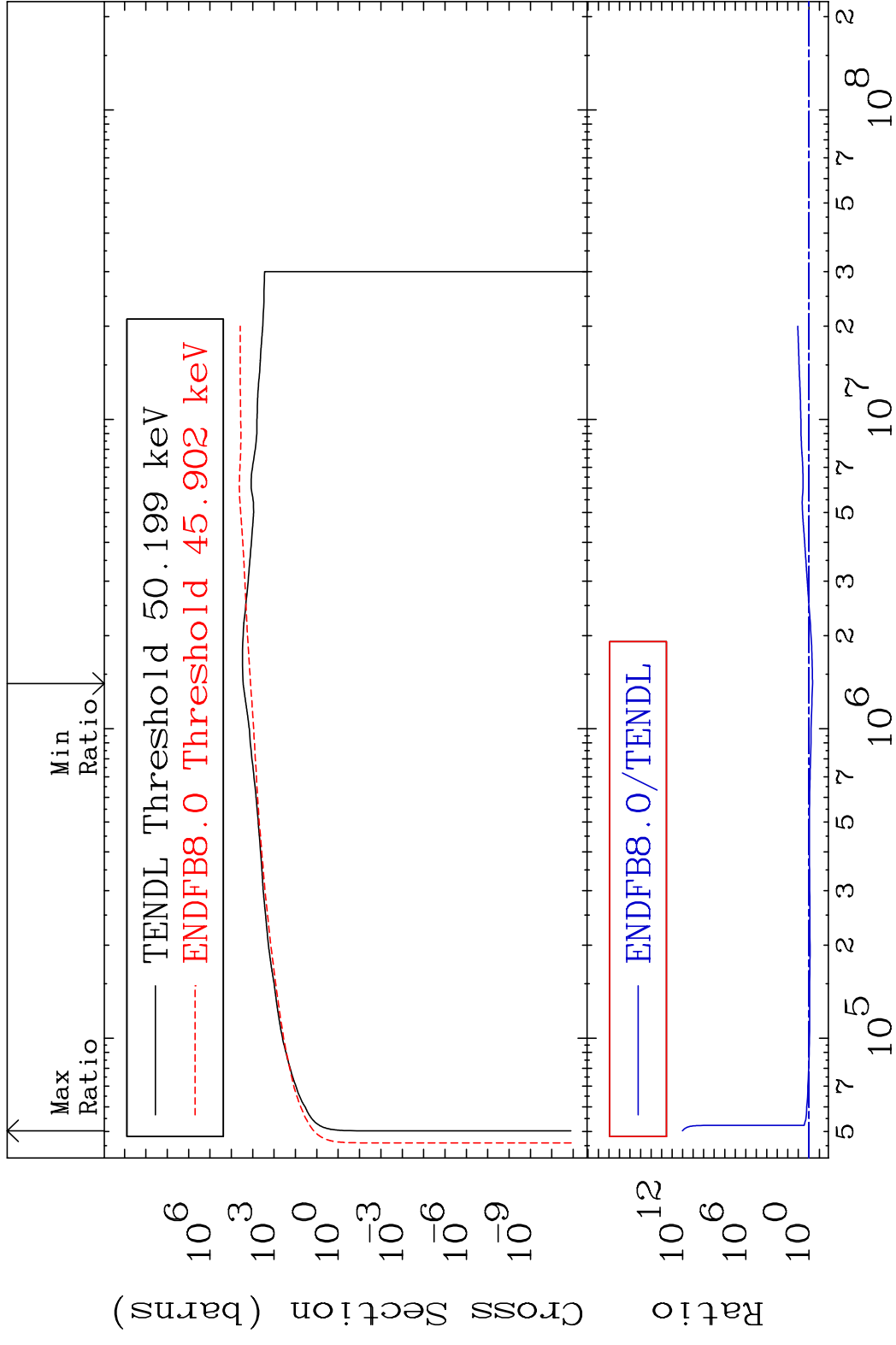
Dpa elastic (mt2)

98-Cf-254

Cross Section -42.68 To 153.8 %



MAT 9867 Dpa inelastic (mt51-91) 98-Cf-254
 Cross Section -55.36 To 9999. %



MAT 9867 Dpa disappearance (mt102 -120) 98-Cf-254
 Cross Section -99.99 To 9999. %

