

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

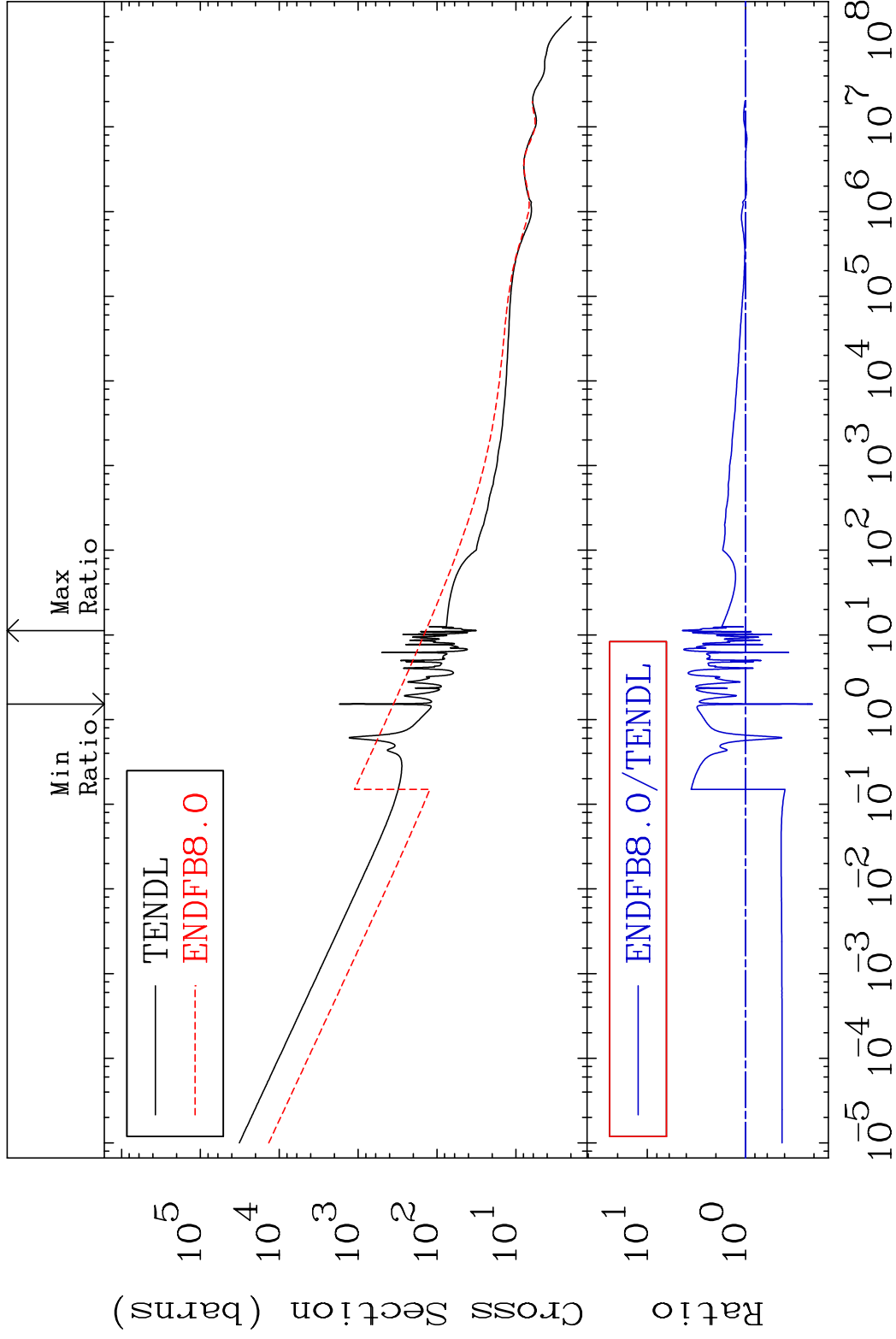
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 9216

Total Cross Section -79.27 To 339.3 %
92-U -231

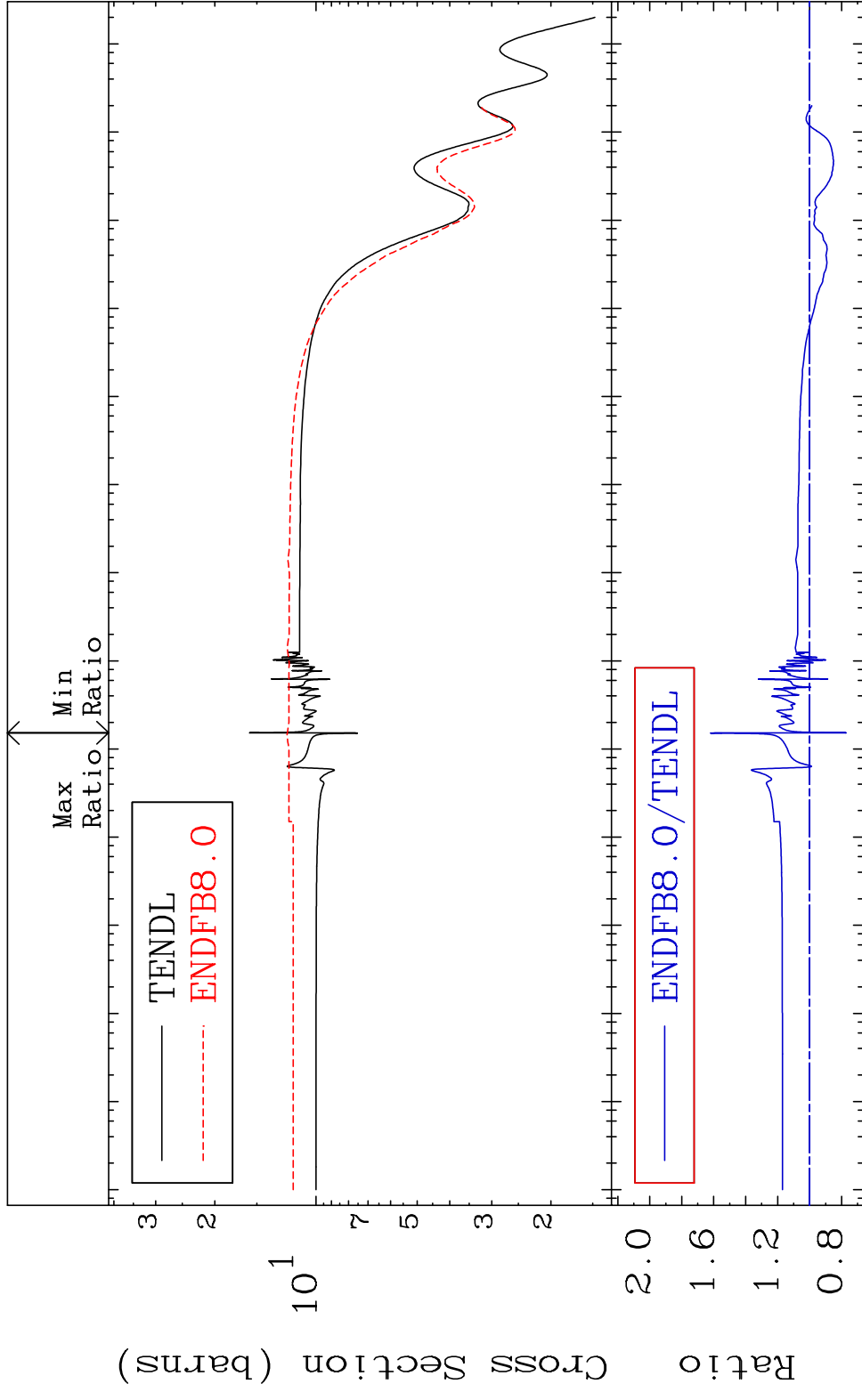


1 Incident Energy (eV) 92-U -231

MAT 9216

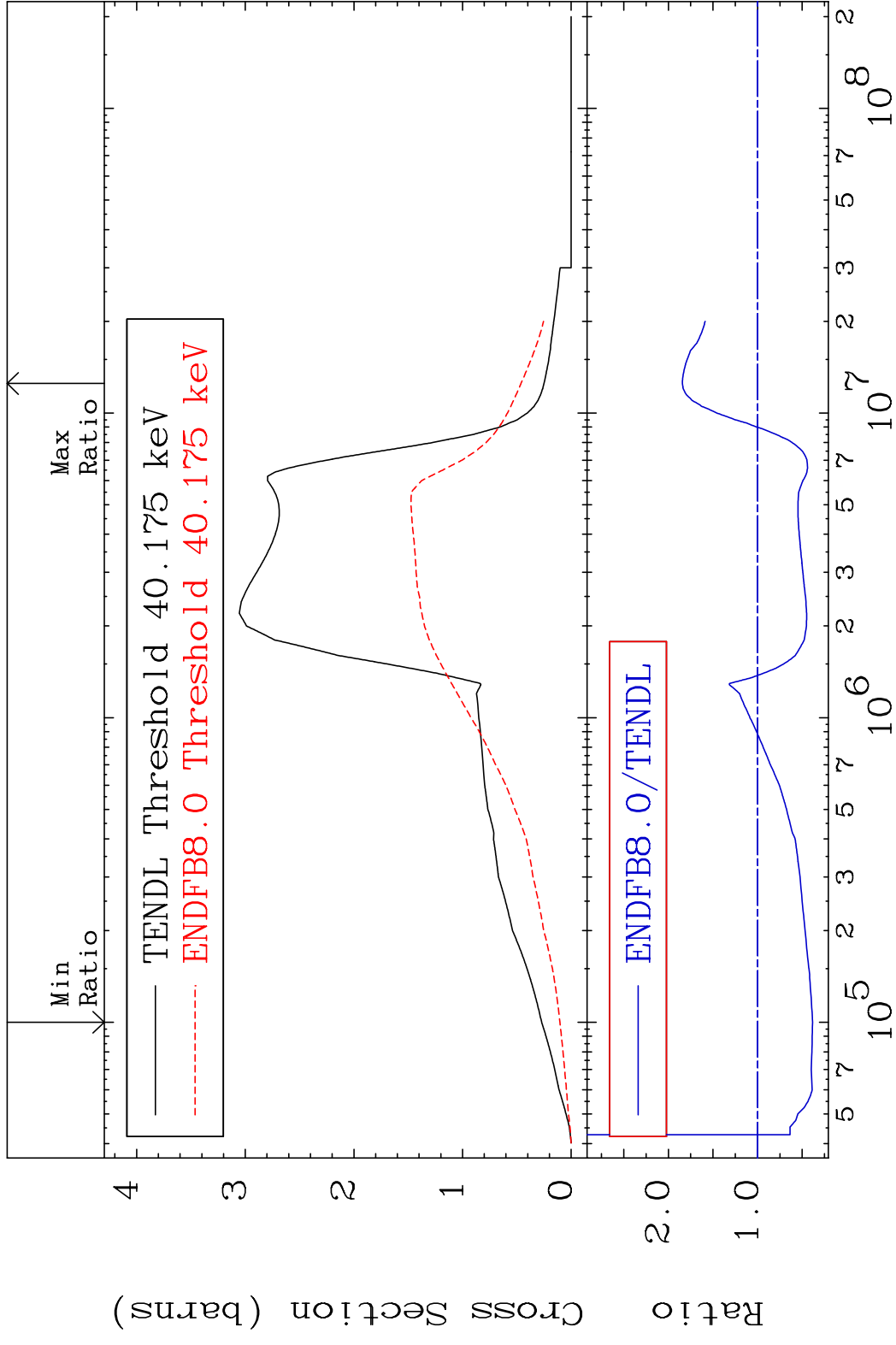
Elastic
Cross Section -22.96 To 61.87 %

92-U -231



2 Incident Energy (eV) 92-U -231

MAT 9216 Inelastic 92-U -231
 Cross Section -61.60 To 84.33 %

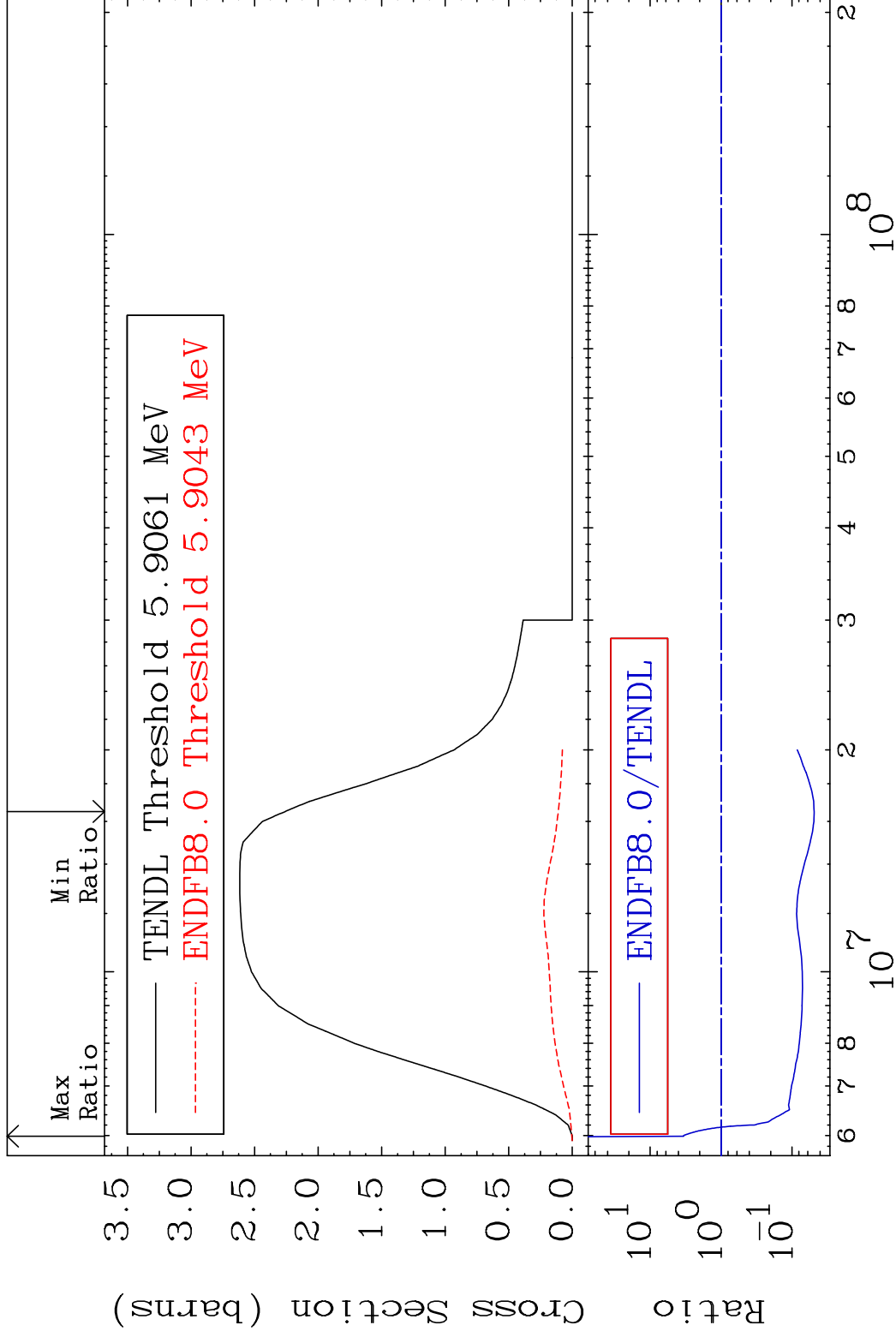


MAT 9216

(n,2n)

92-U -231

Cross Section -95.12 To 237.4 %



4

Incident Energy (eV)

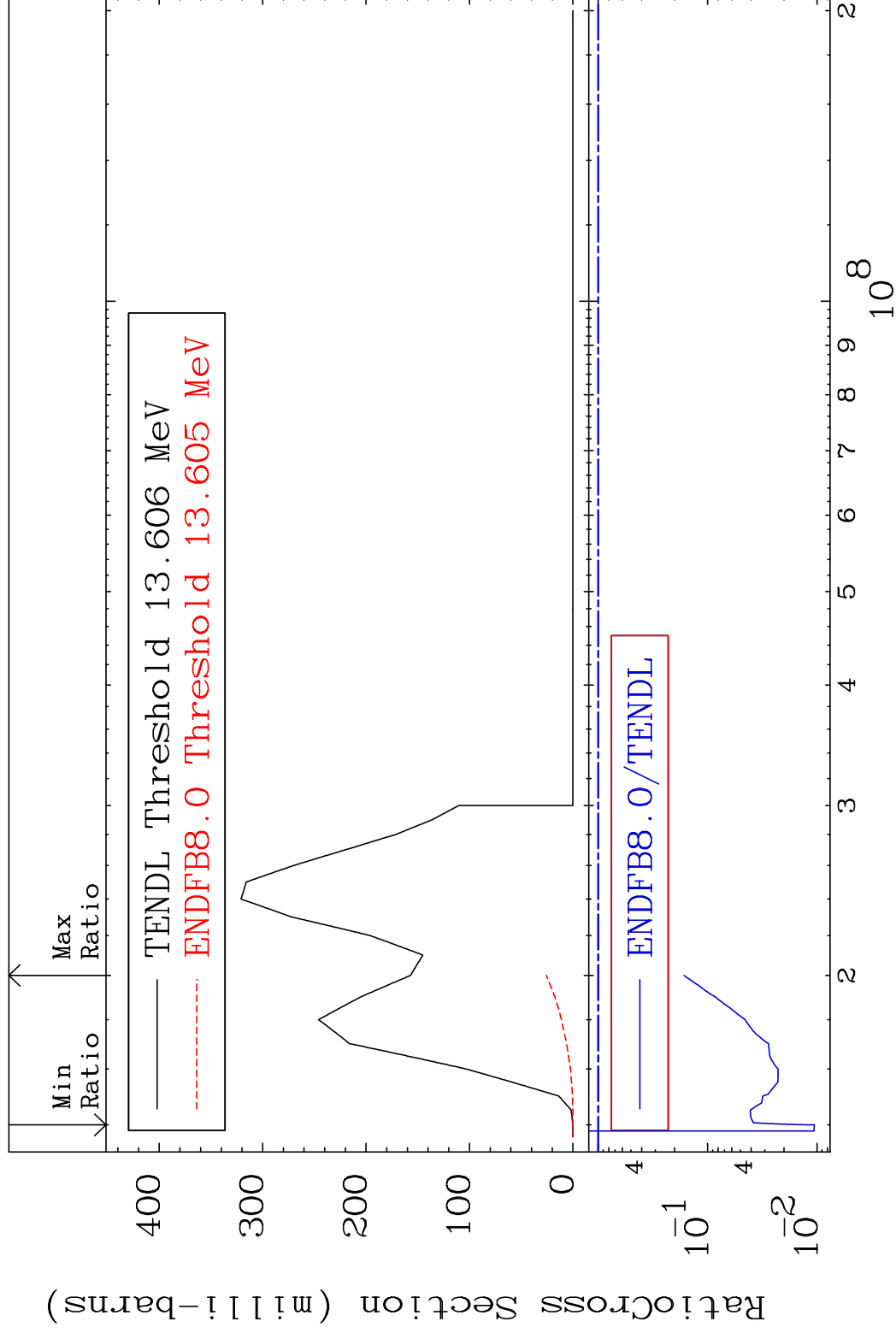
92-U -231

MAT 9216

(n,3n)

92-U -231

Cross Section -98.94 To -83.61%



5

Incident Energy (eV)

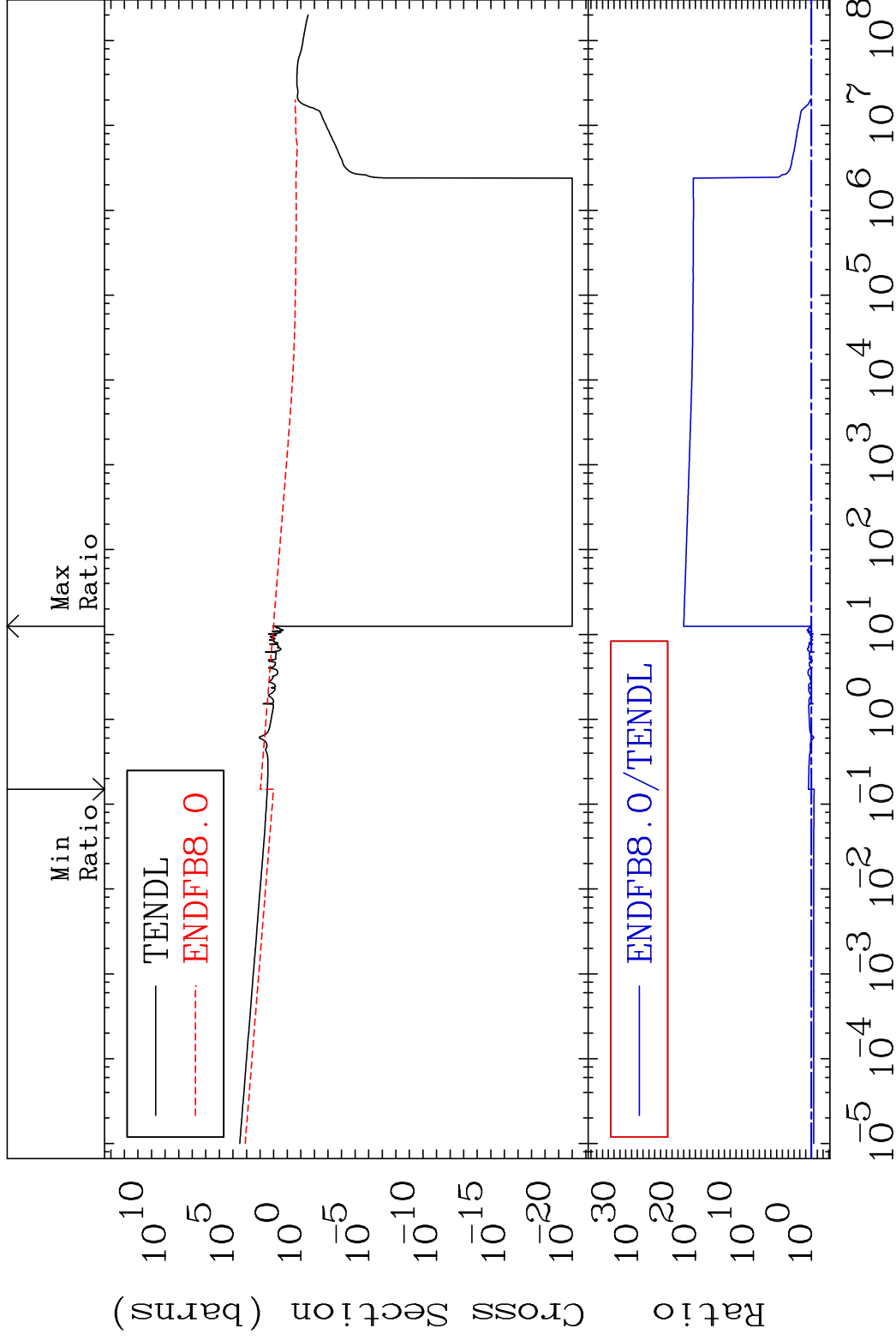
92-U -231

MAT 9216

Fission

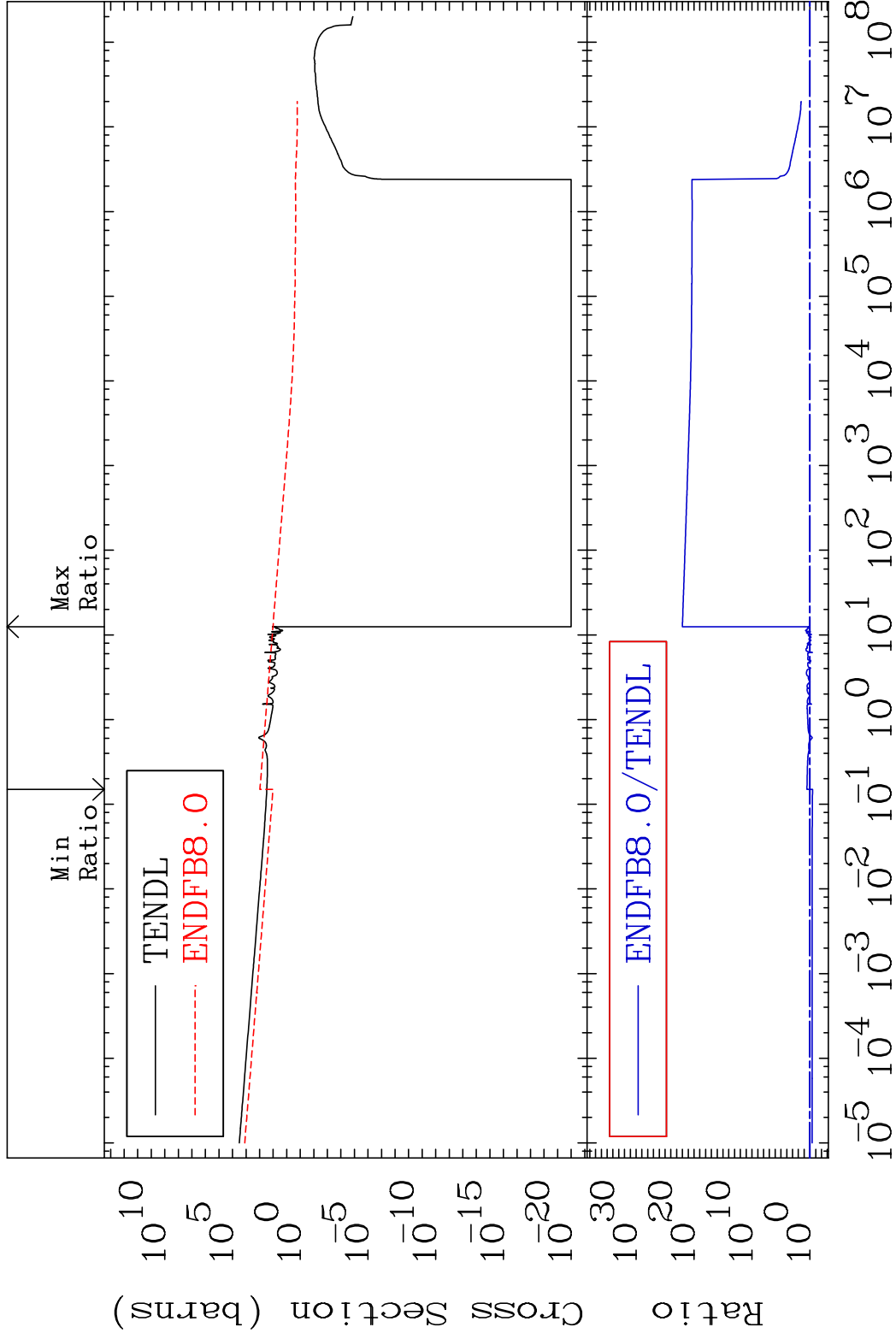
92-U -231

Cross Section -65.27 To 9999. %



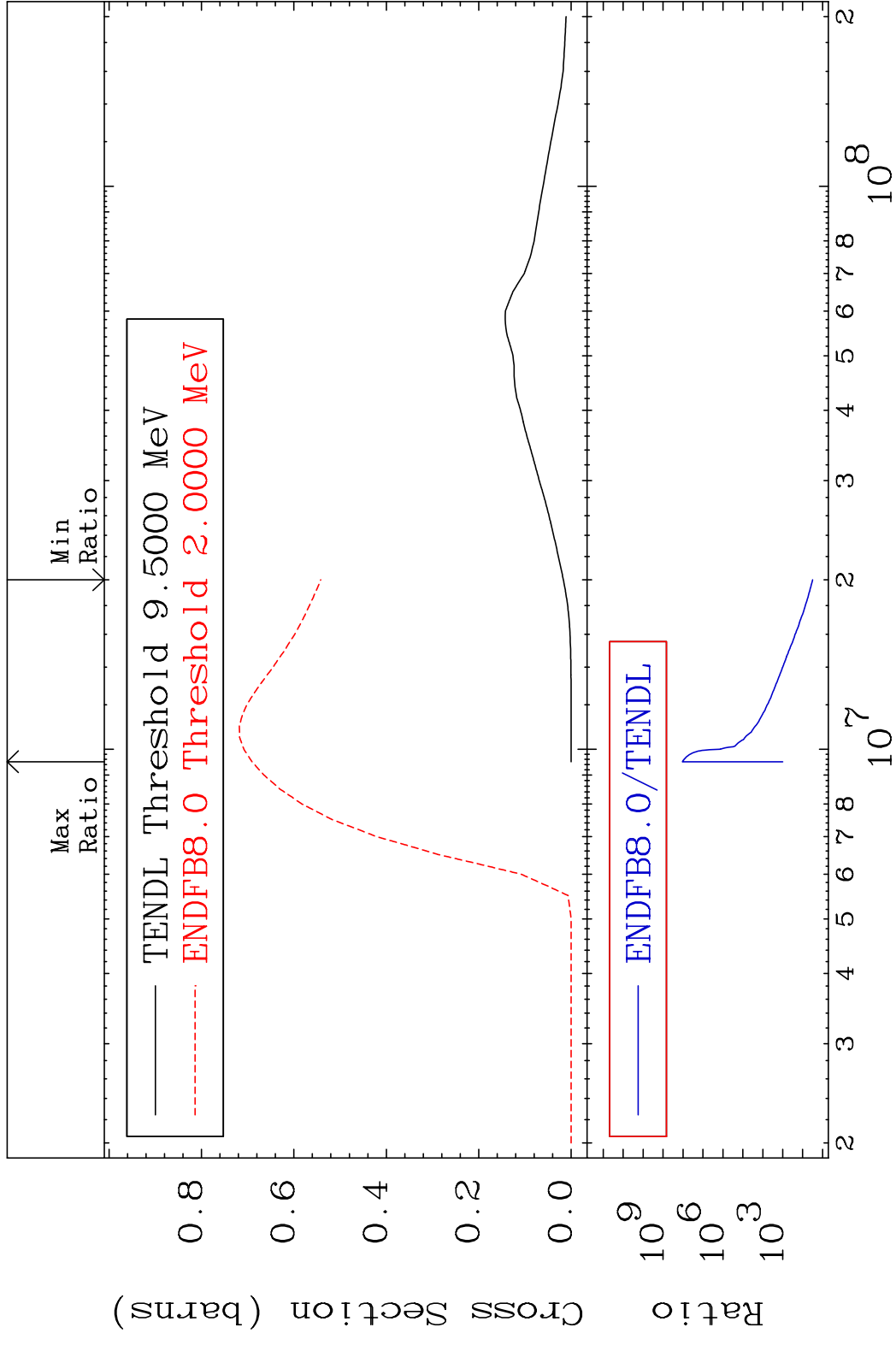
MAT 9216

(n,f) First Chance 92-U -231
Cross Section -65.27 To 9999. %



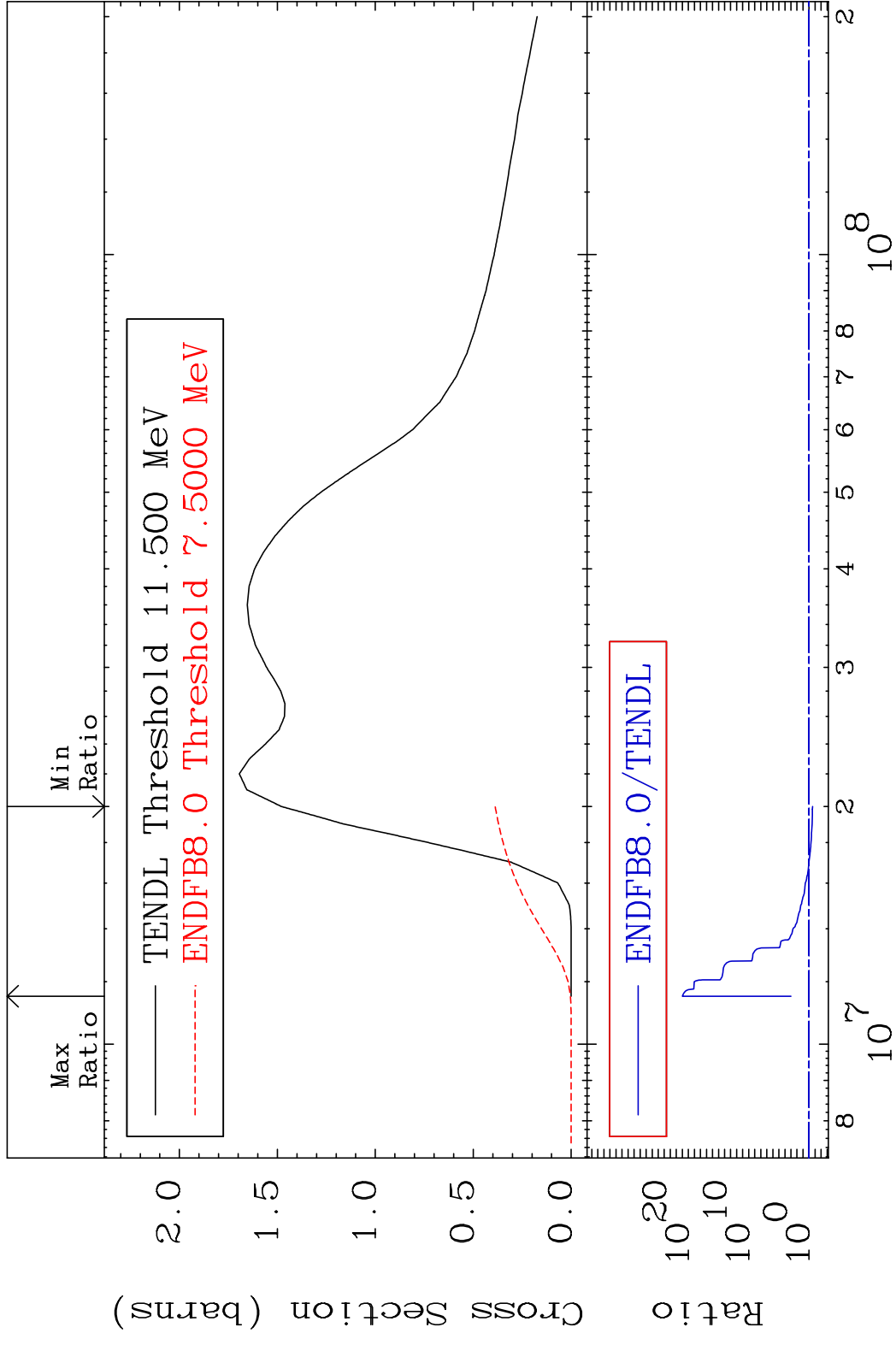
7 Incident Energy (eV) 92-U -231

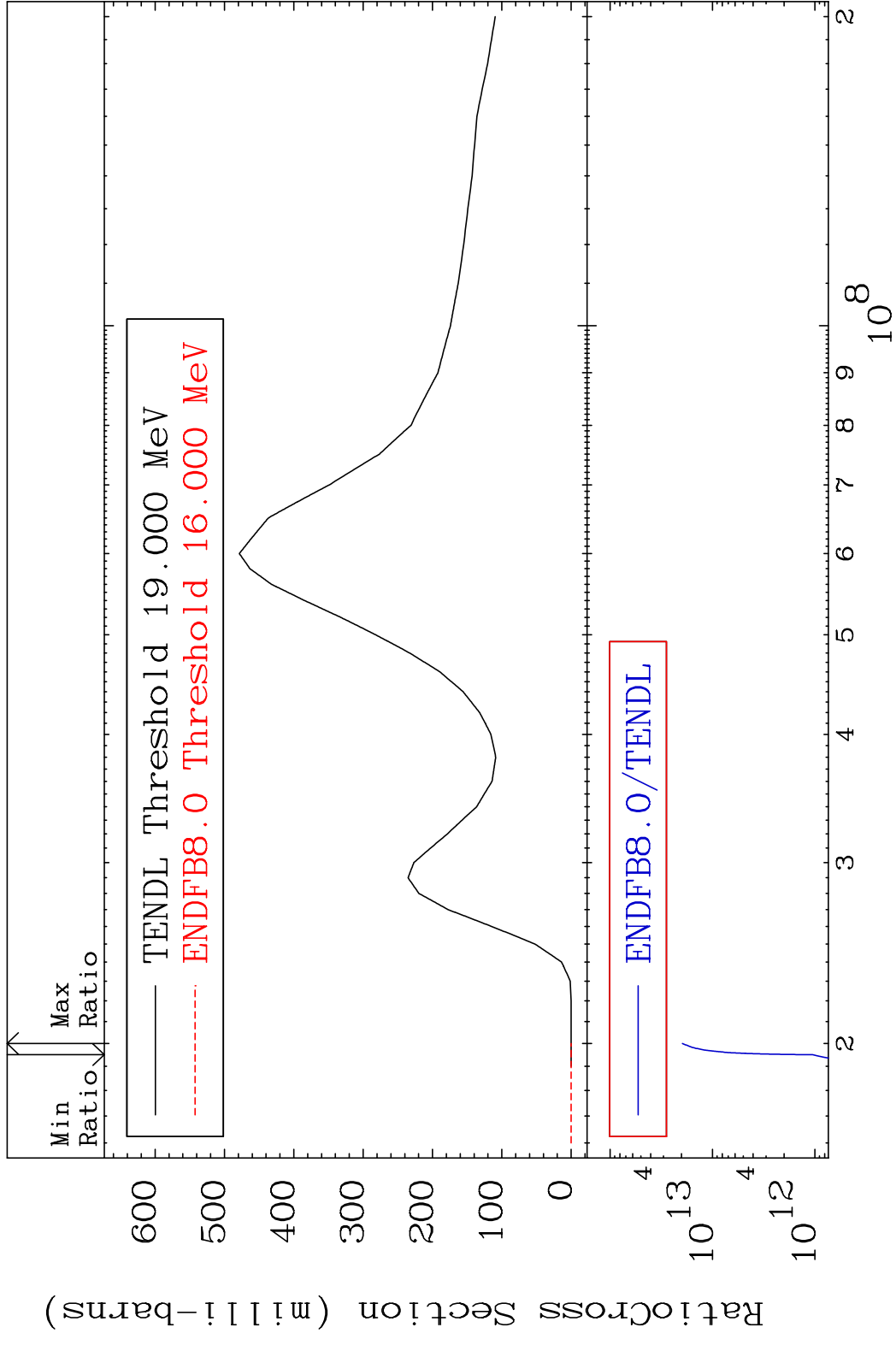
MAT 9216 (n,nf) Second Chance 92-U -231
 Cross Section 3100. To 9999. %



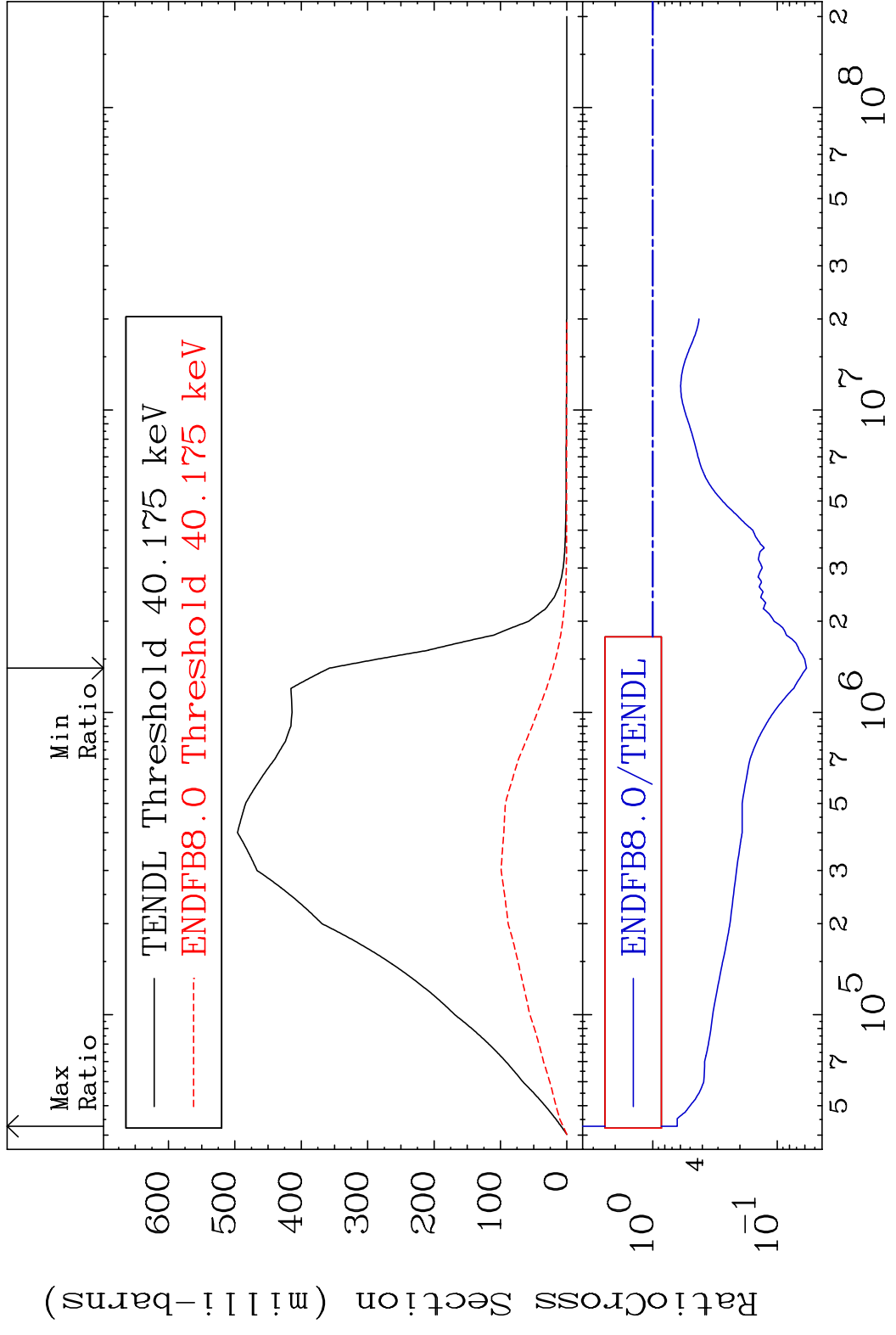
8 Incident Energy (eV) 92-U -231

MAT 9216 (n,2nf) Third Chance 92-U -231
 Cross Section -73.76 To 9999. %

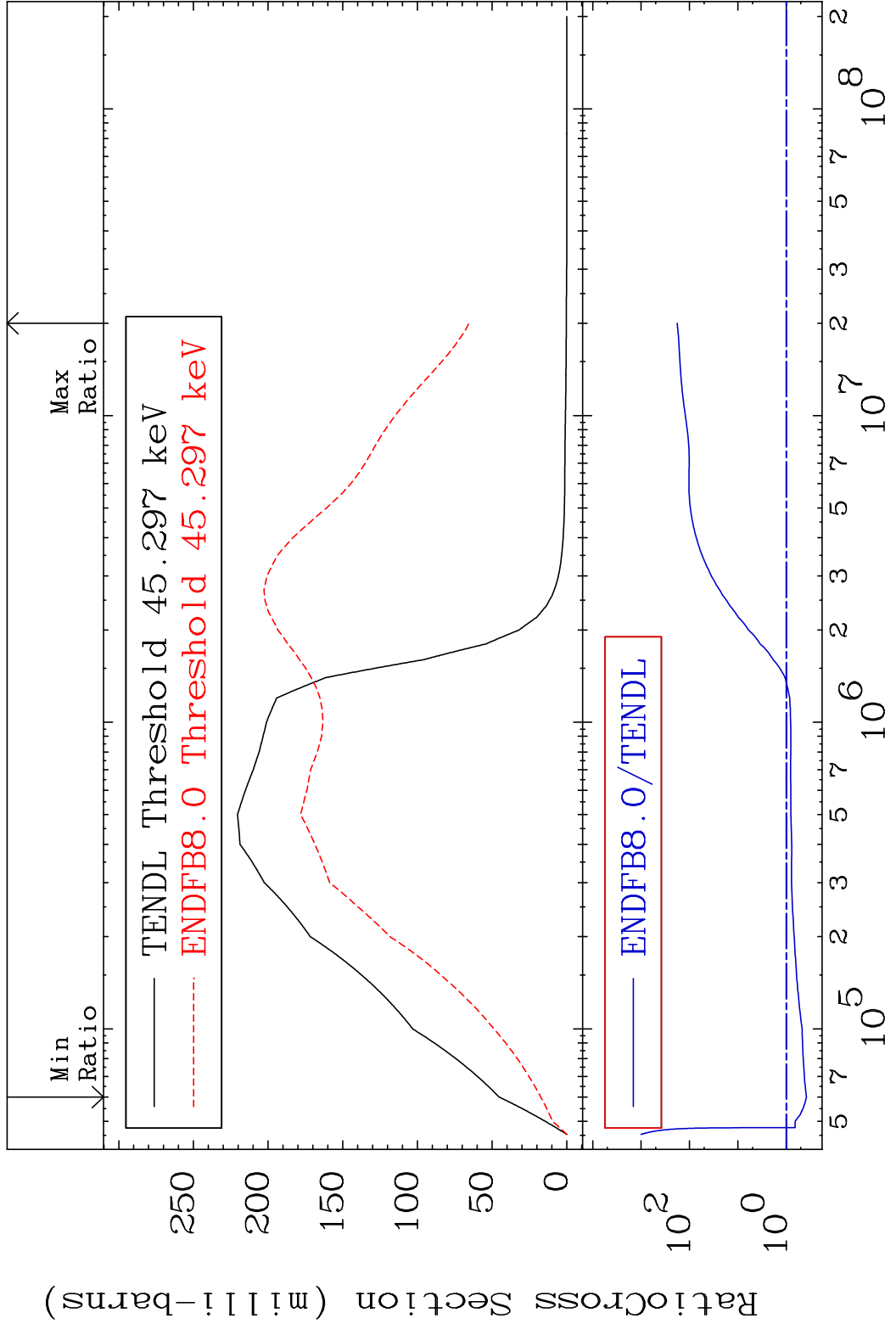




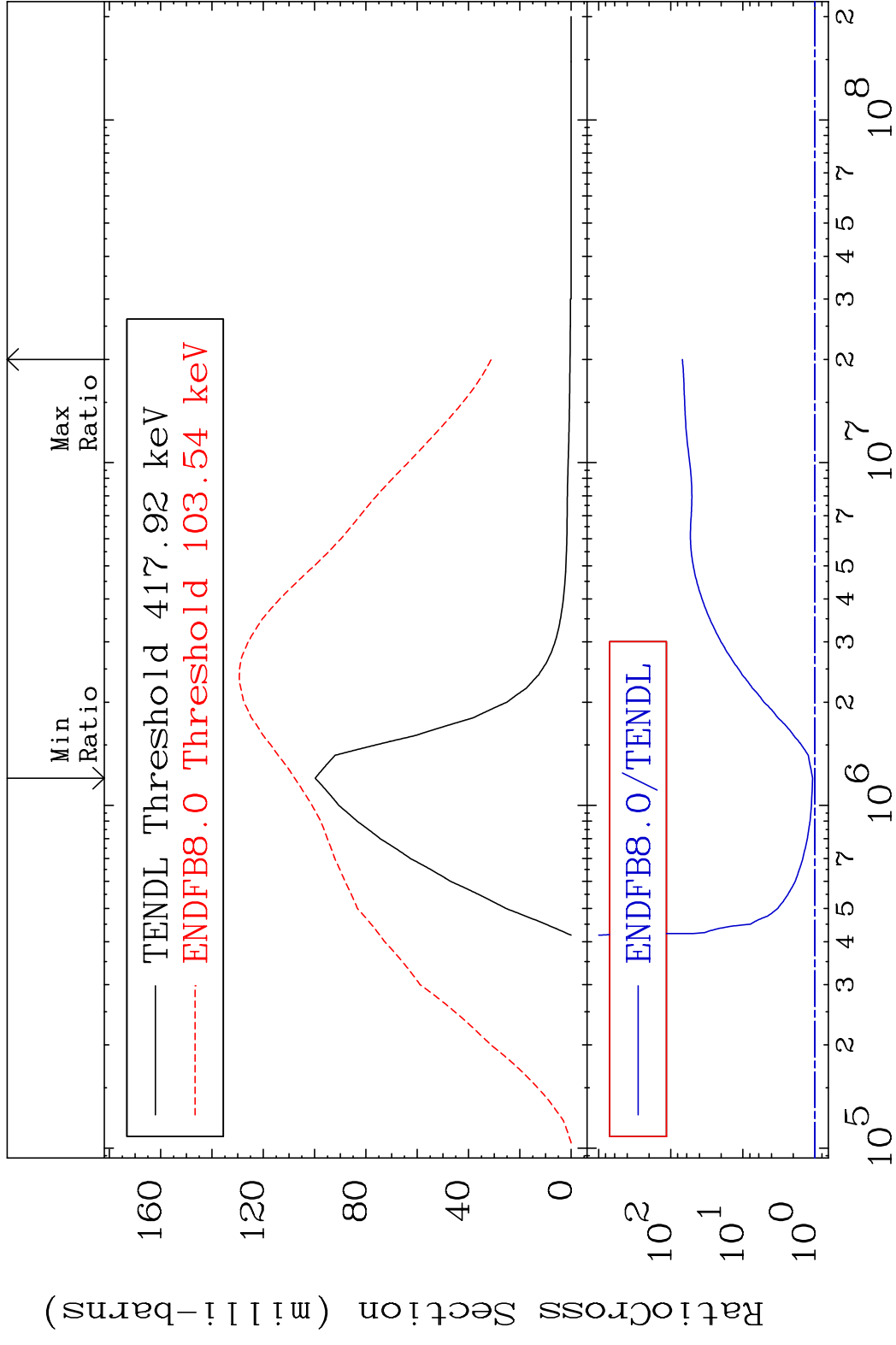
MAT 9216 MT= 51 (n,n') Level 92-U -231
 Cross Section -94.16 To -36.38%



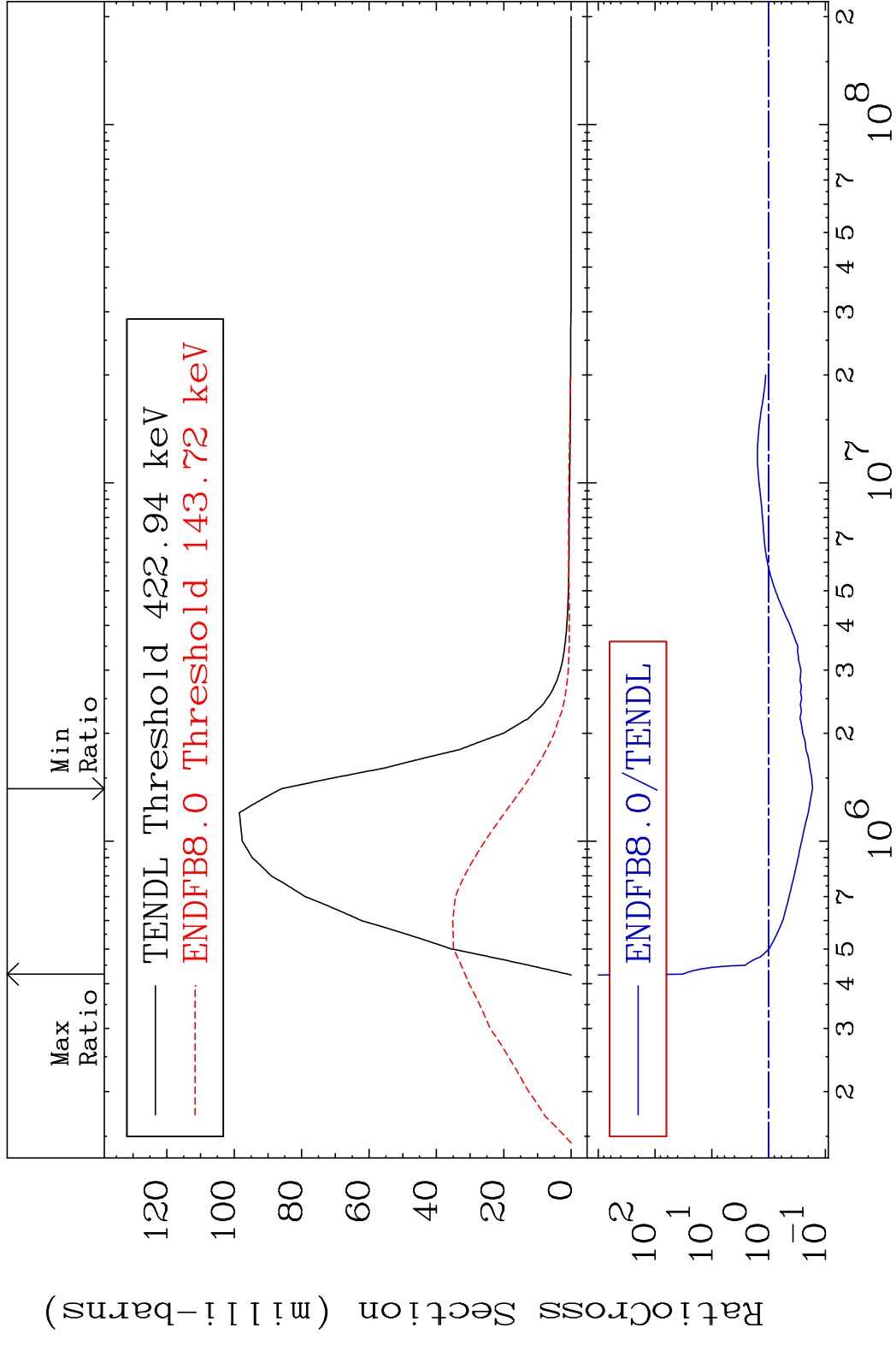
MAT 9216 MT= 52 (n, n') Level 92-U -231
 Cross Section -61.52 To 9999. %



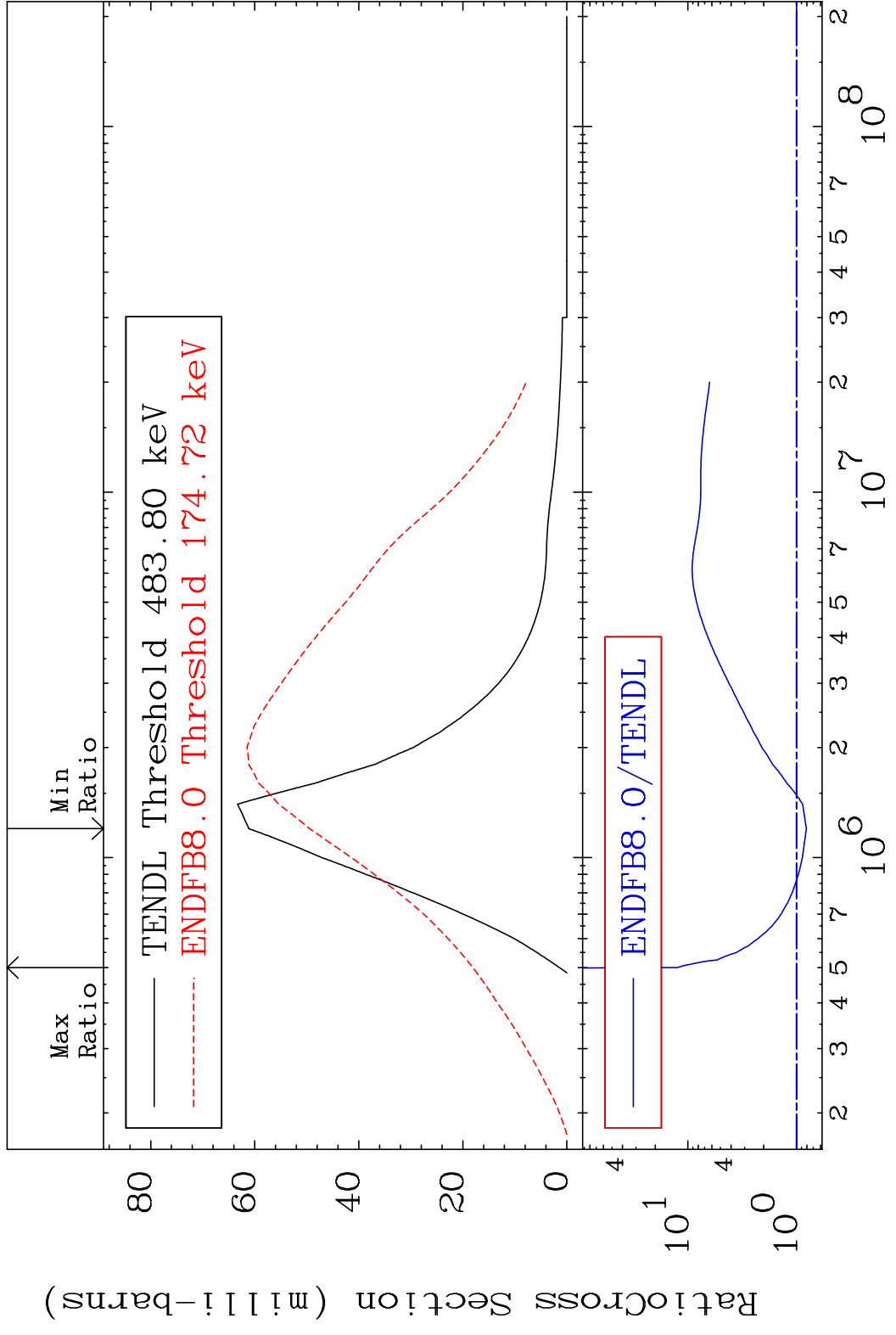
MAT 9216 MT= 53 (n, n') Level 92-U -231
 Cross Section 7.979 To 6797. %



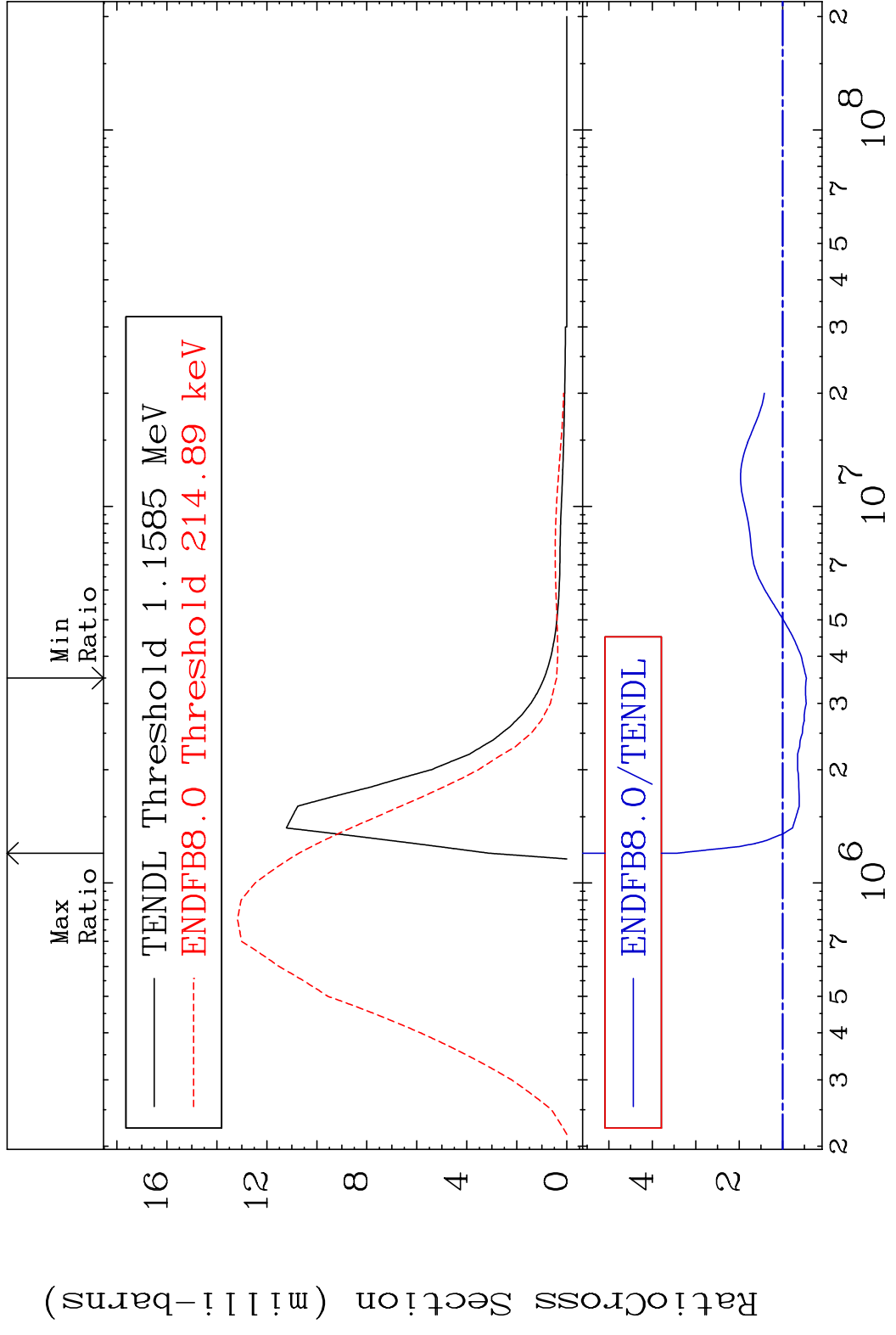
MAT 9216 MT= 54 (n,n') Level 92-U -231
 Cross Section -83.11 To 3207. %



MAT 9216 MT= 55 (n,n') Level 92-U -231
 Cross Section -19.10 To 1154. %



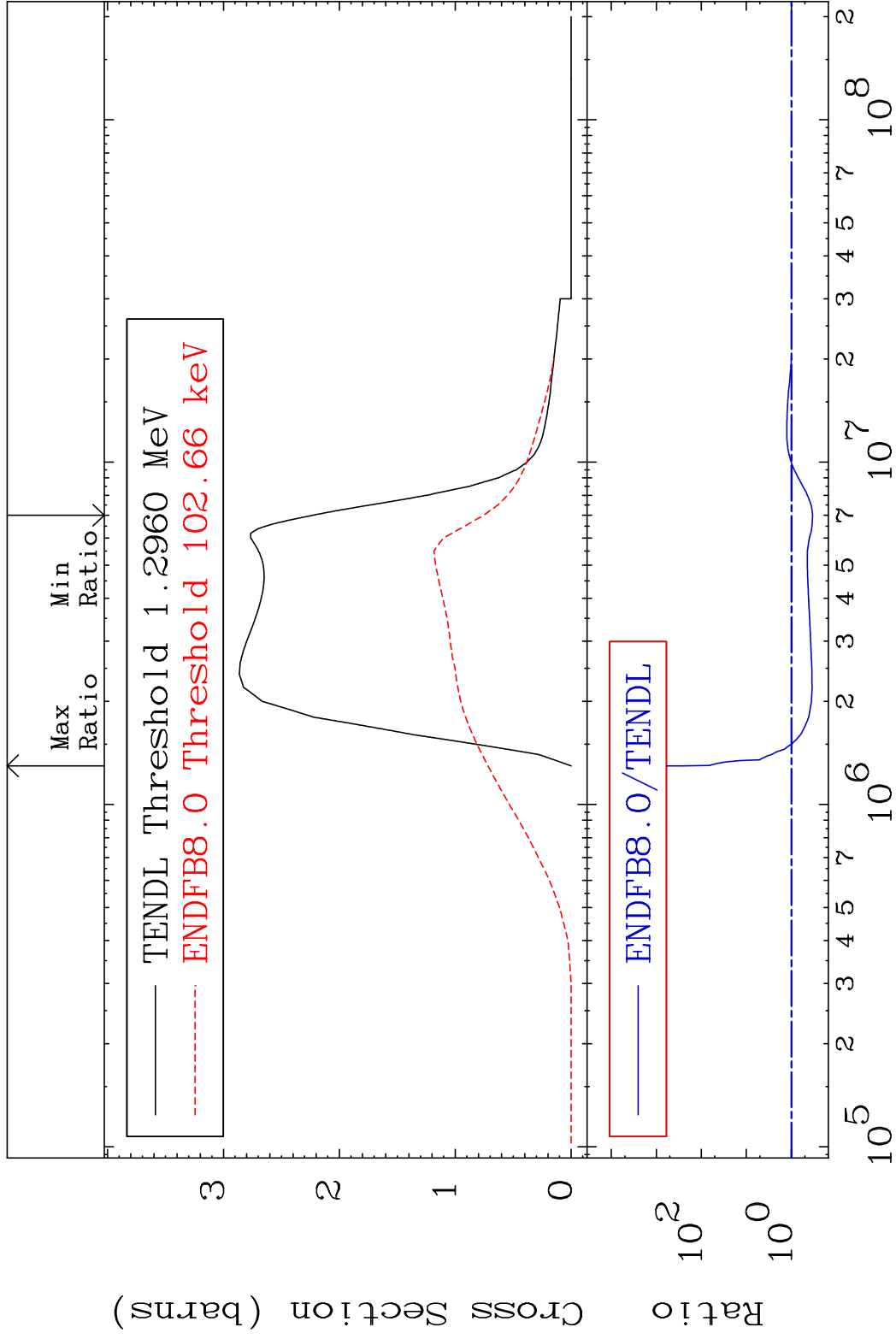
MAT 9216 MT= 56 (n,n') Level 92-U -231
 Cross Section -54.79 To 242.7 %



16 Incident Energy (eV) 92-U -231

MAT 9216

(n, n') Continuum 92-U -231
Cross Section -66.21 To 9999. %



17

Incident Energy (eV)

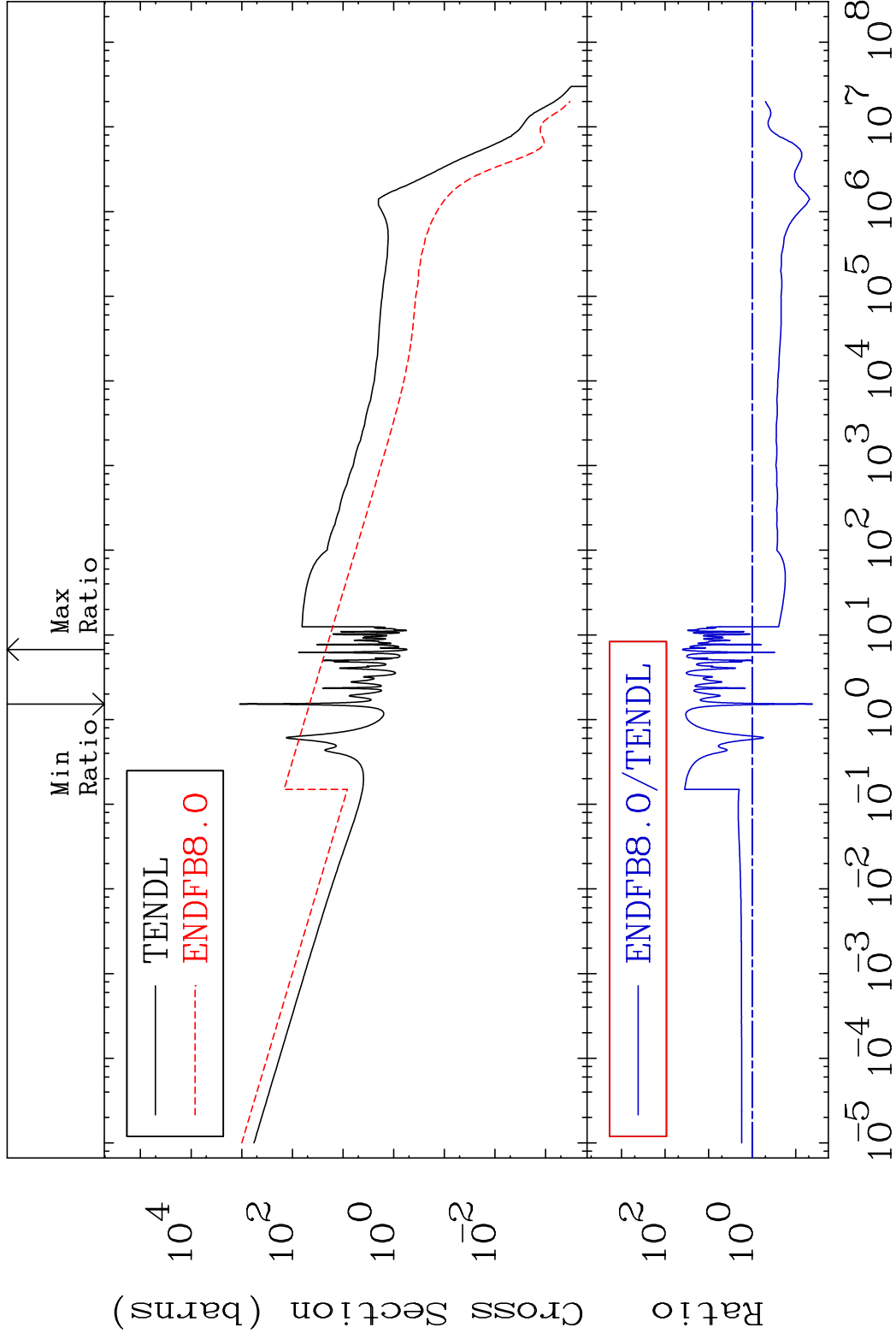
92-U -231

MAT 9216

(n, γ)

92-U -231

Cross Section -95.89 To 3914. %

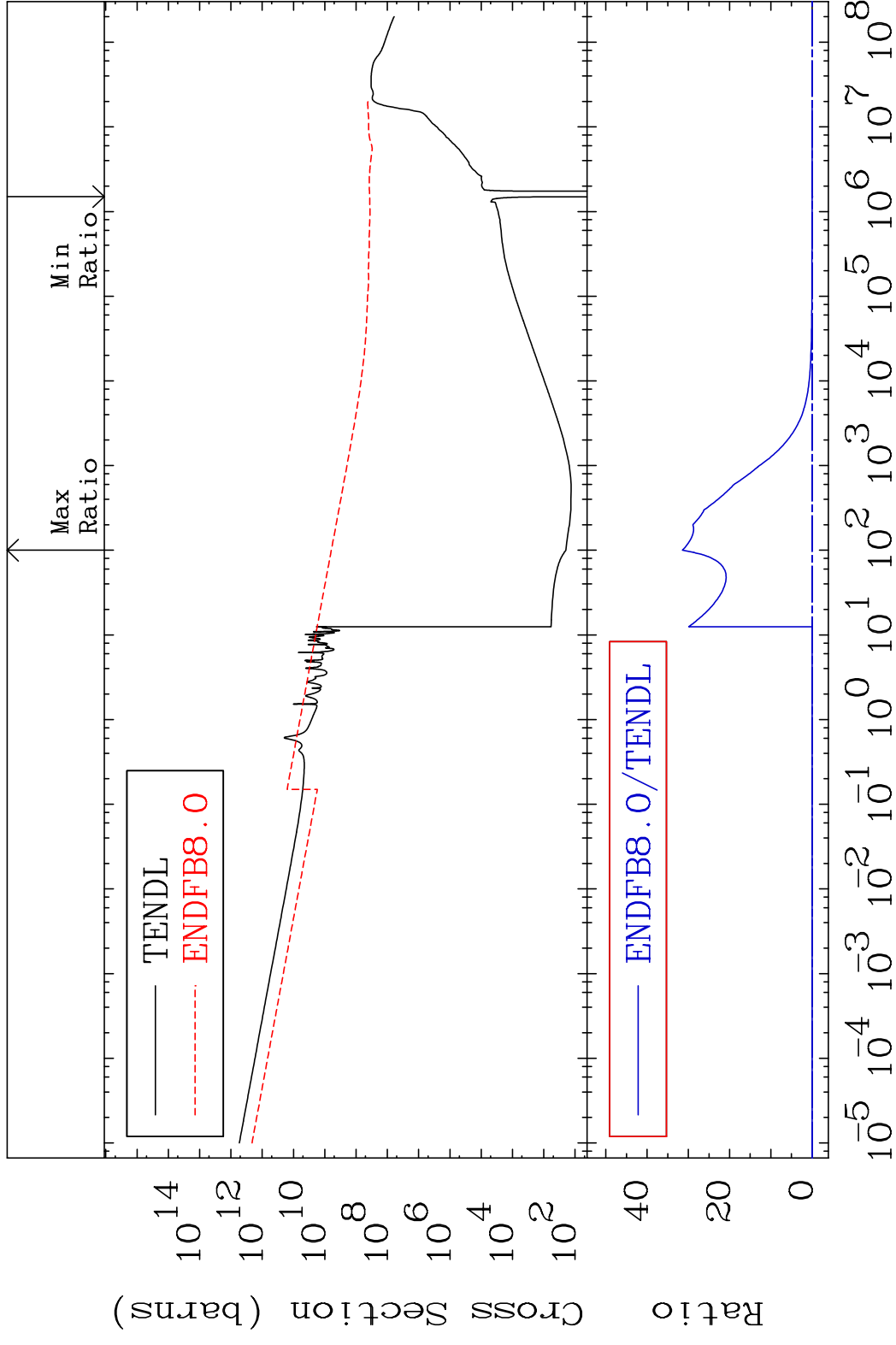


18

Incident Energy (eV)

92-U -231

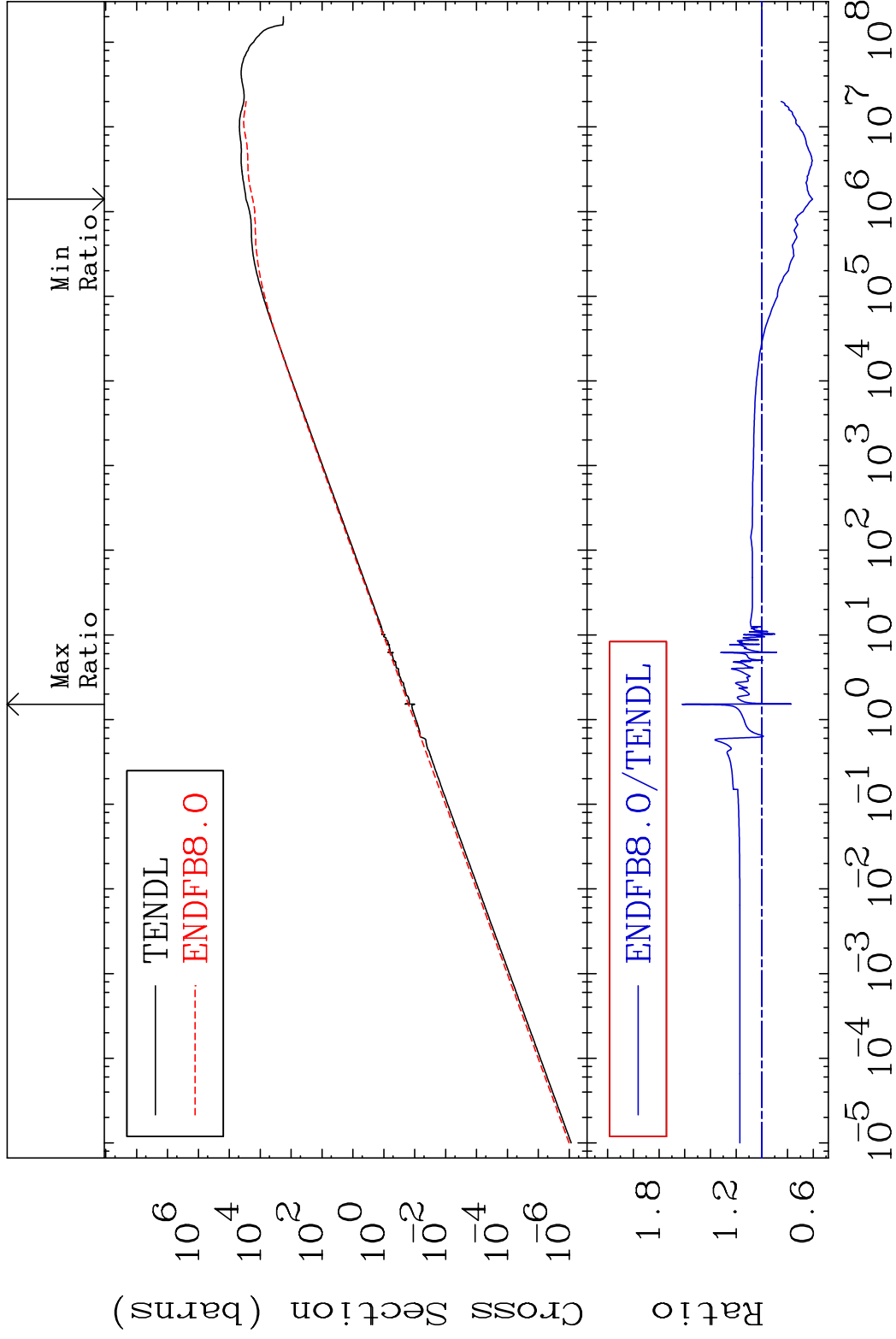
MAT 9216 Kerma total (eV-barns) 92-U -231
 Cross Section -9999. To 9999. %



19 Incident Energy (eV) 92-U -231

MAT 9216

Kerma elastic 92-U -231
Cross Section -39.44 To 61.86 %

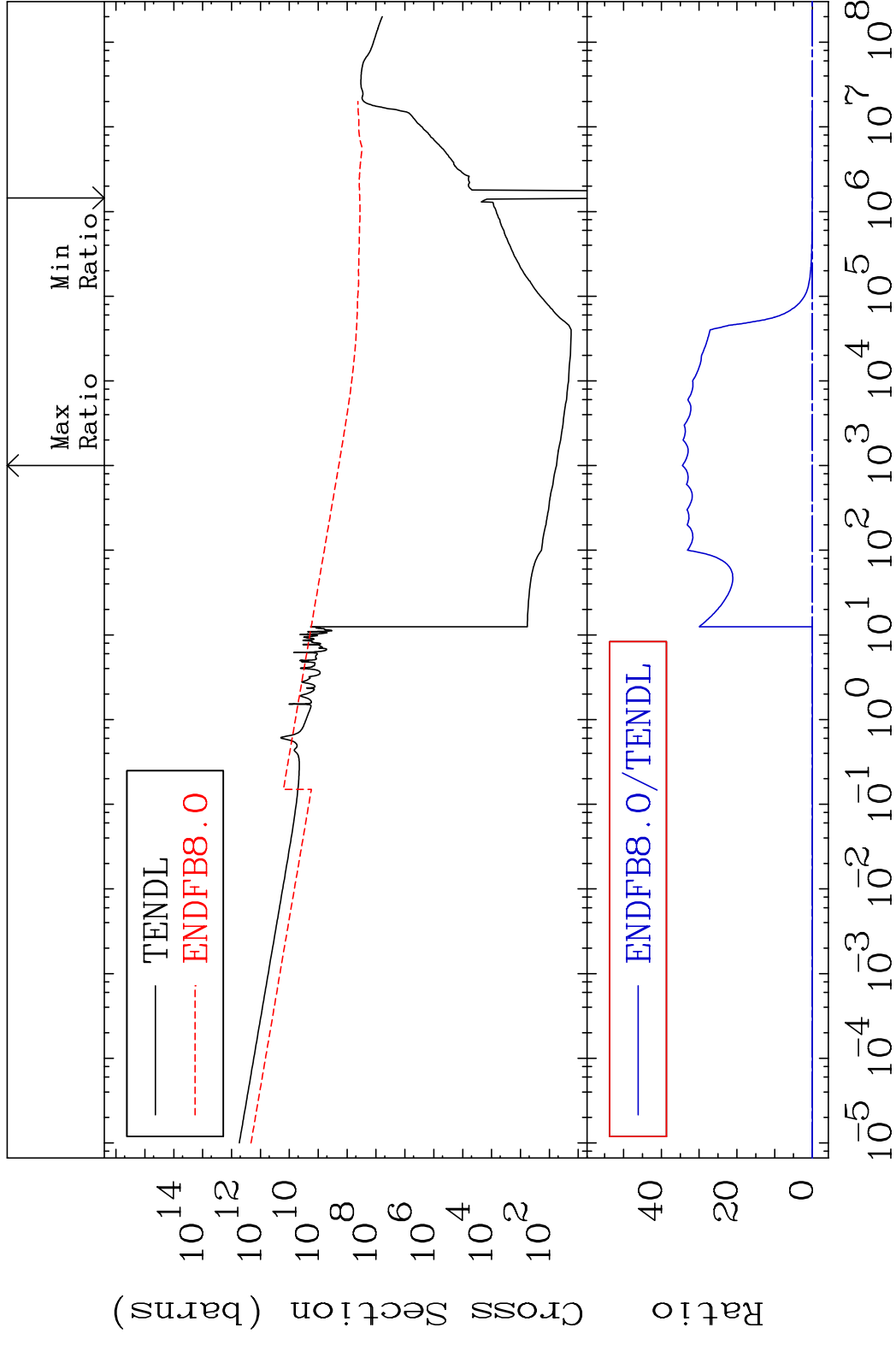


20

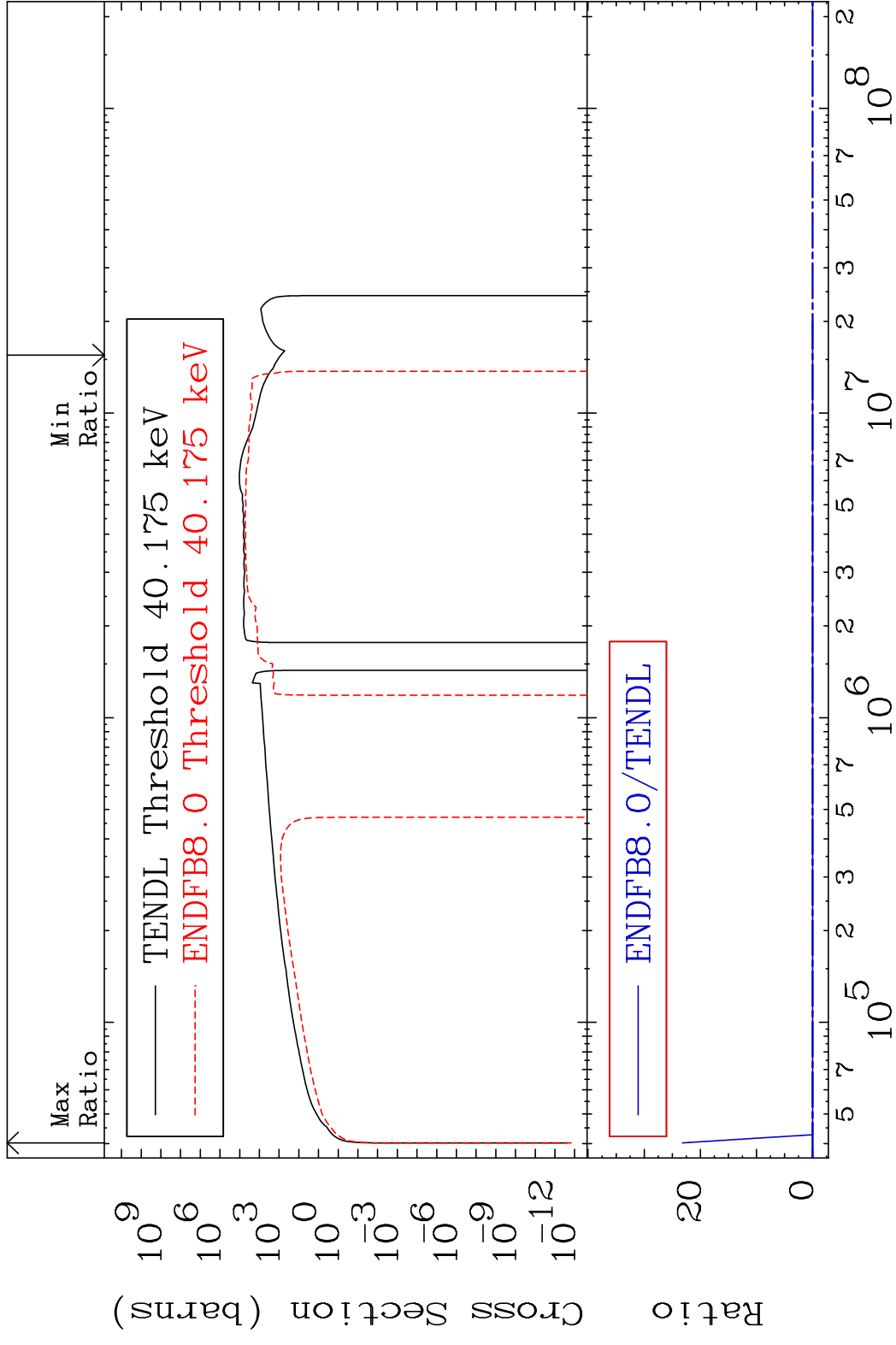
Incident Energy (eV)

92-U -231

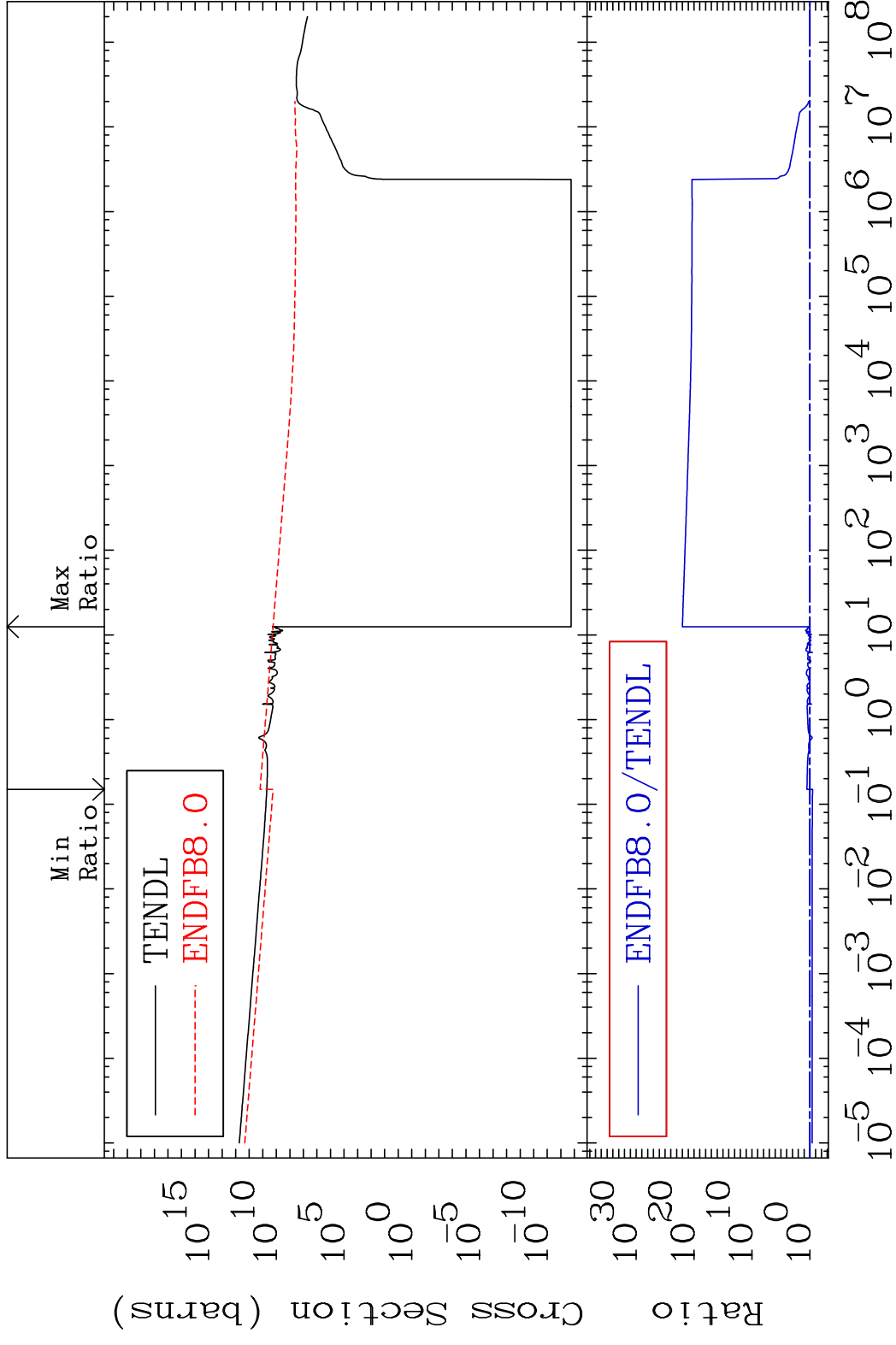
MAT 9216 Kerma non-elastic (all but mt2) 92-U -231
 Cross Section -9999. To 9999. %



MAT 9216 Kerma inelastic (mt51-91) 92-U -231
 Cross Section -426.5 To 9999. %

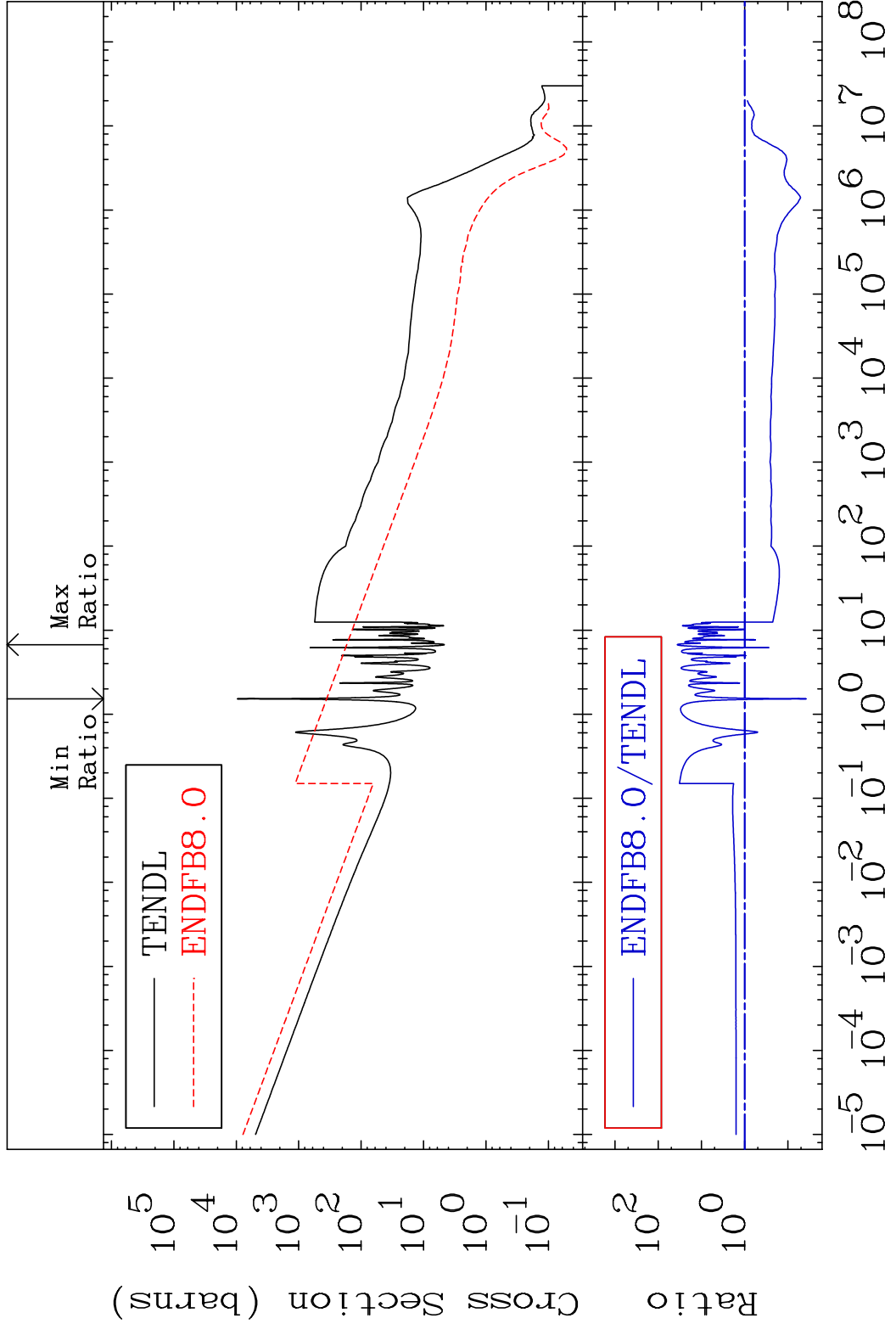


MAT 9216 Kerma fission (mt18 or mt19-20-21-38)2-U -231
 Cross Section -65.80 To 9999. %

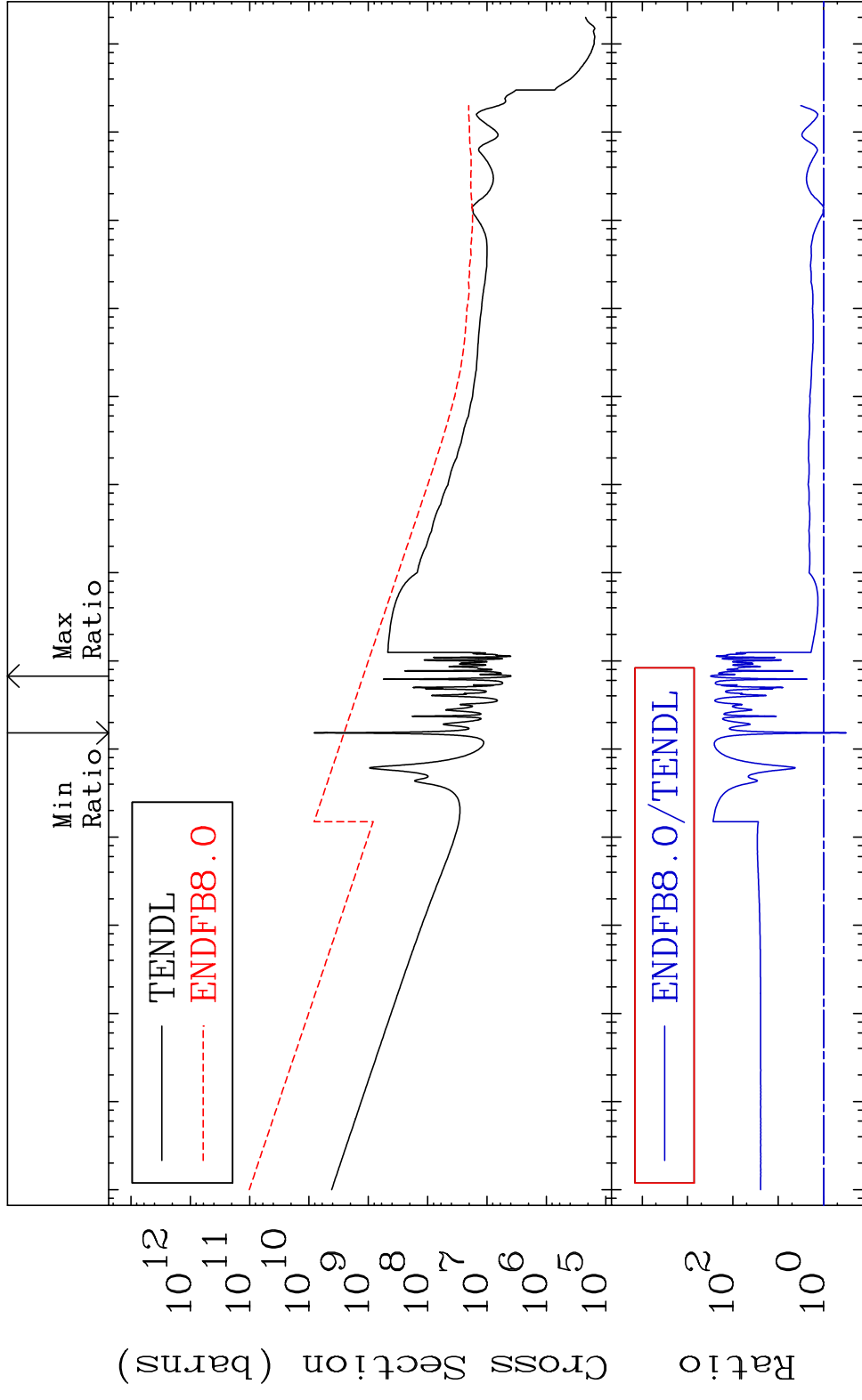


MAT 9216

Kerma capture (mt102) 92-U -231
Cross Section -96.26 To 3551. %

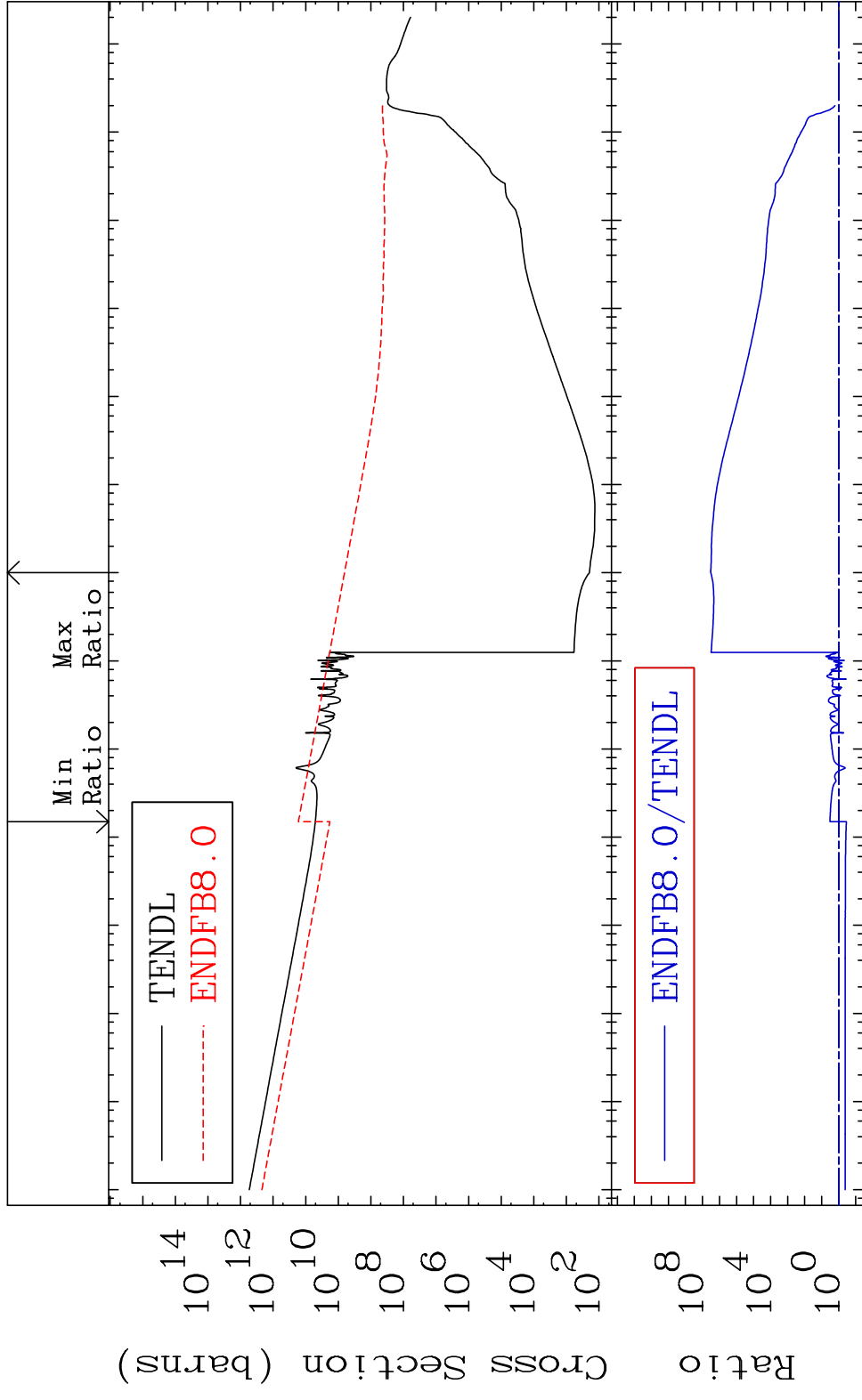


MAT 9216 Total photon (eV-barns) 92-U -231
 Cross Section -68.37 To 9999. %



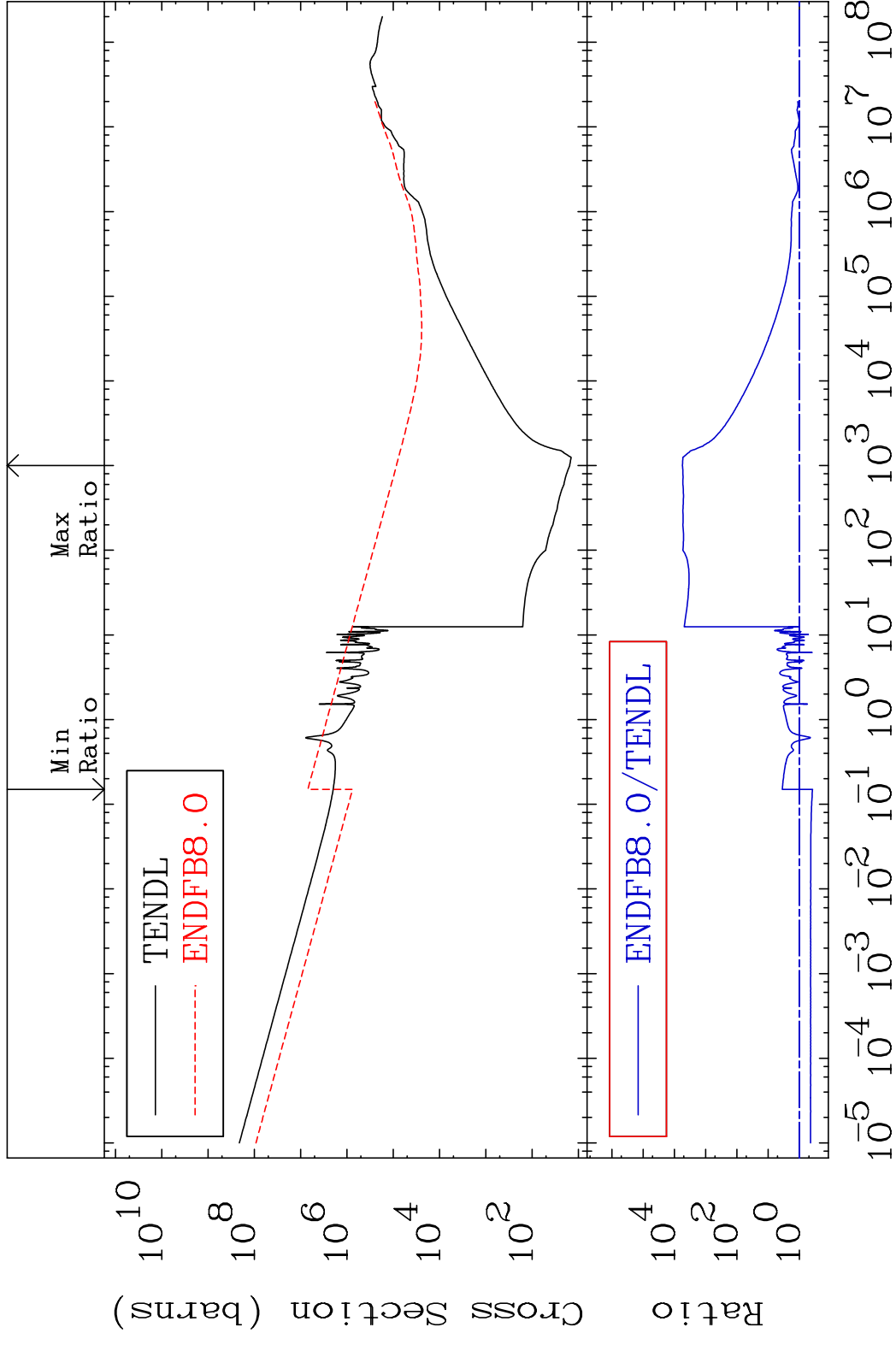
25 Incident Energy (eV) 92-U -231

MAT 9216 Total kinematic kerma (high limit) 92-U -231
 Cross Section -64.28 To 9999. %



MAT 9216

Dpa total (eV-barns) 92-U -231
Cross Section -61.94 To 9999. %

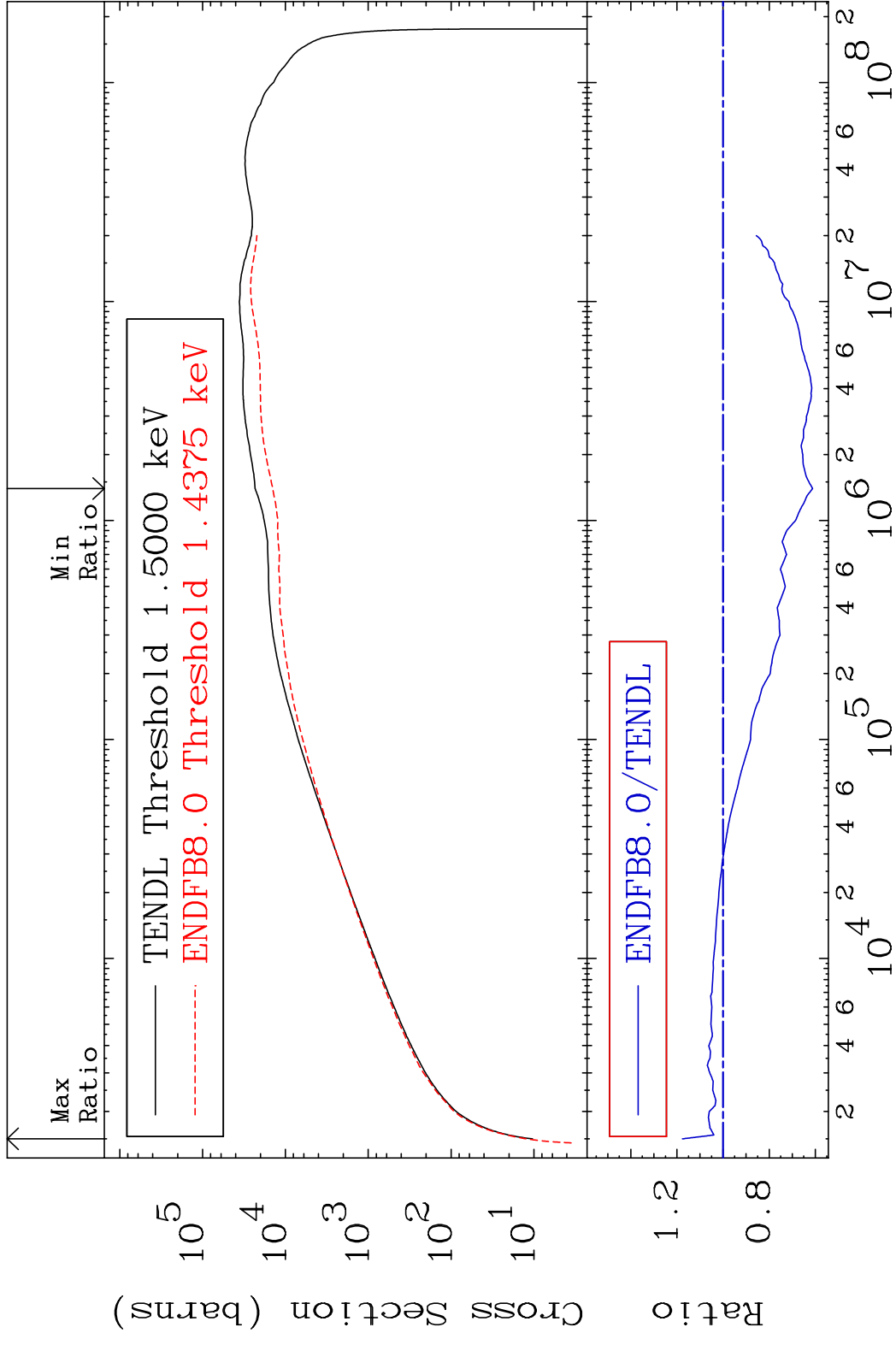


MAT 9216

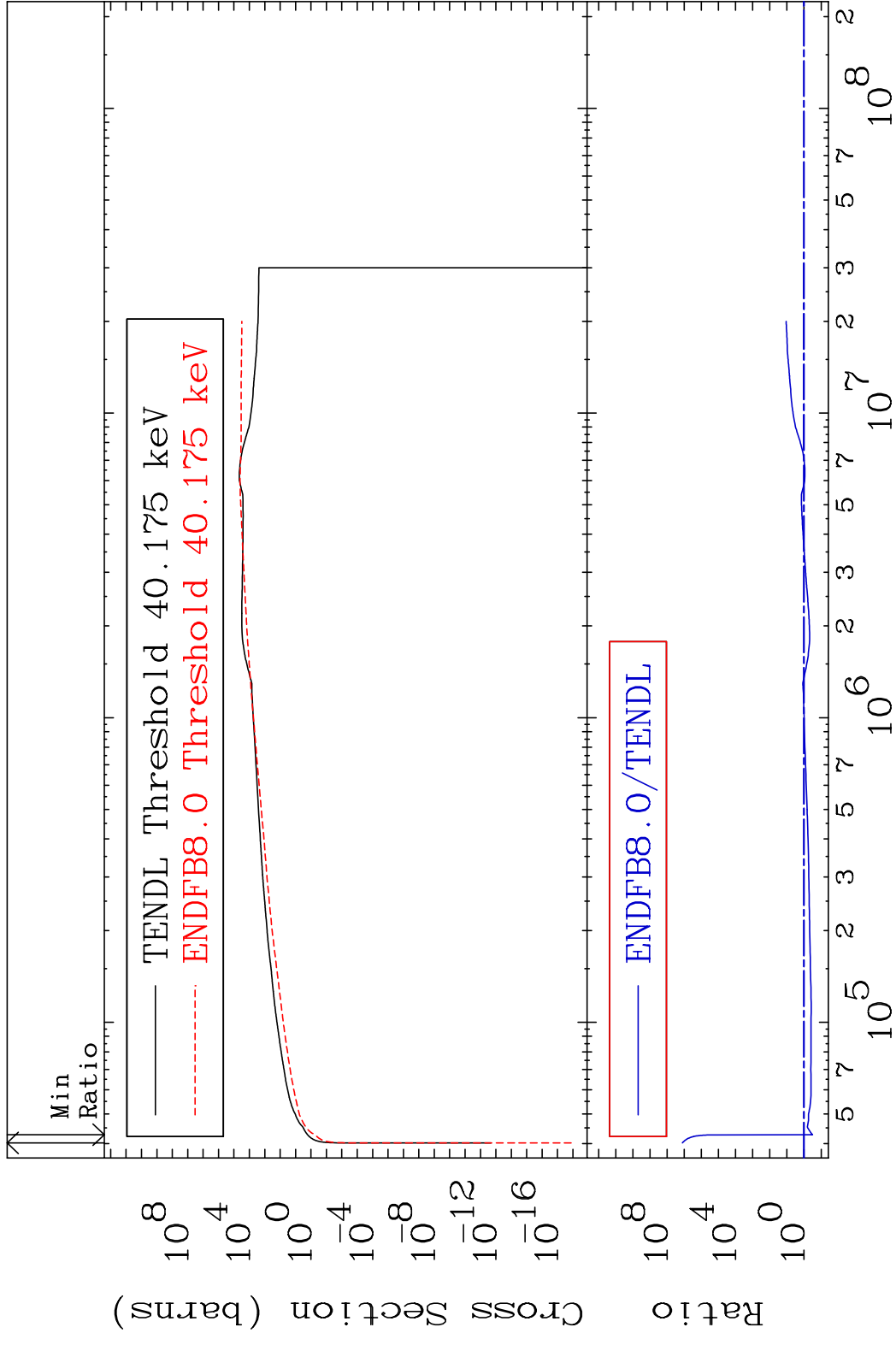
Dpa elastic (mt2)

92-U -231

Cross Section -38.81 To 17.66 %



MAT 9216 Dpa inelastic (mt51-91) 92-U -231
 Cross Section -68.19 To 9999. %



MAT 9216 Dpa disappearance (mt102 -120) 92-U -231
 Cross Section -100.0 To 2885. %

