

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

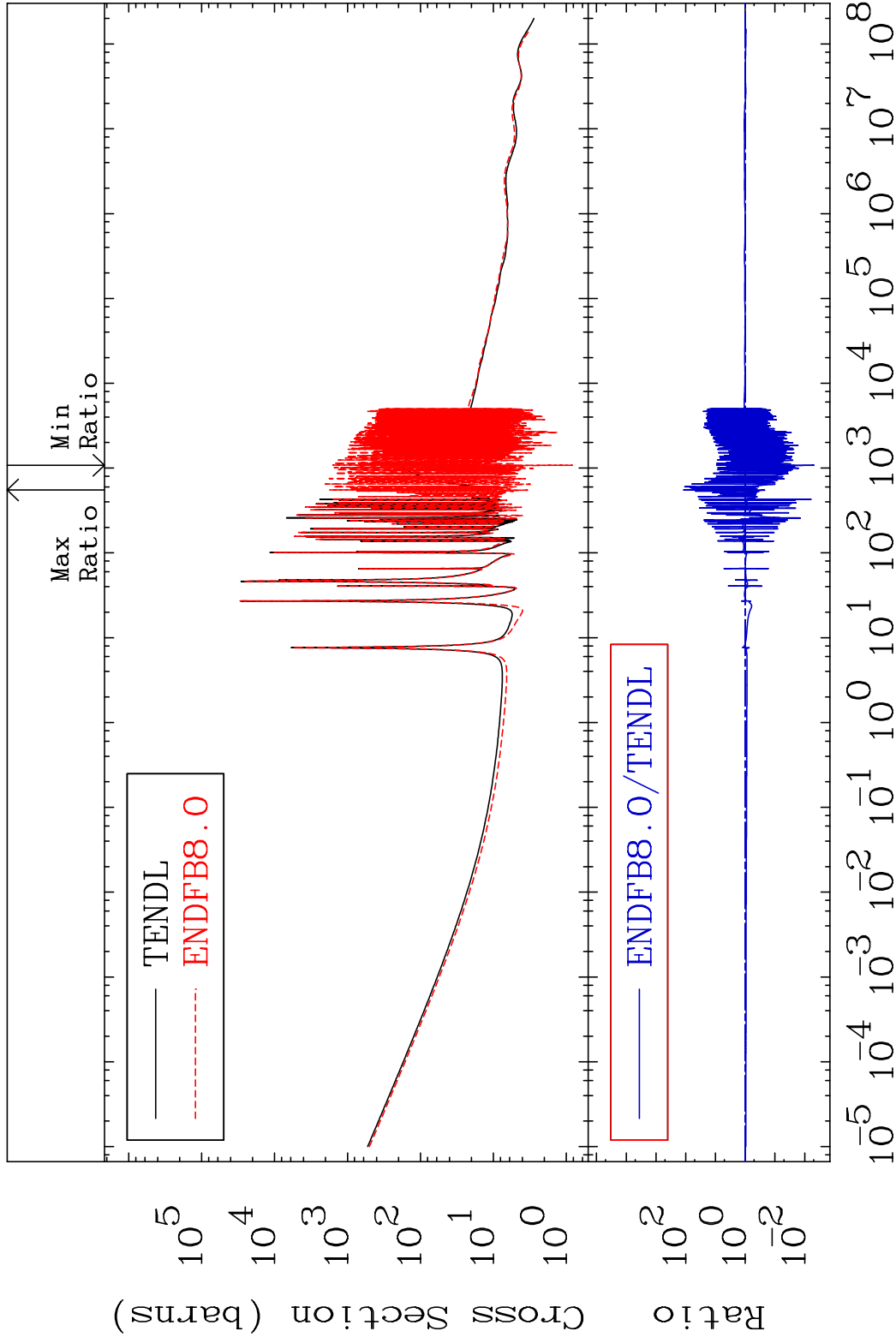
Press Mouse Button to Start

MAT 7434

Total

74-W -183

Cross Section -99.52 To 9999. %



1

Incident Energy (eV)

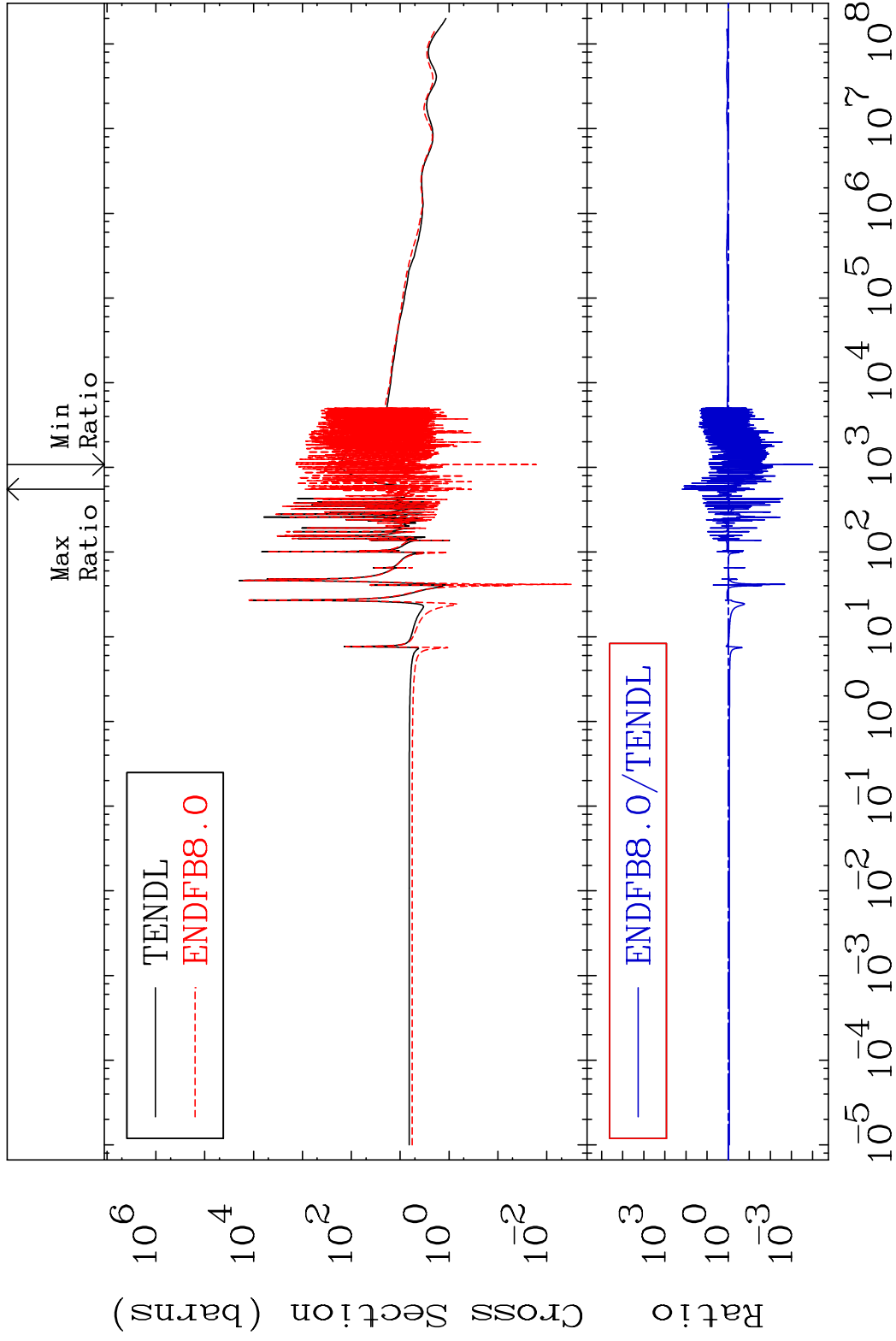
74-W -183

MAT 7434

Elastic

74-W -183

Cross Section -99.99 To 9999. %



2

Incident Energy (eV)

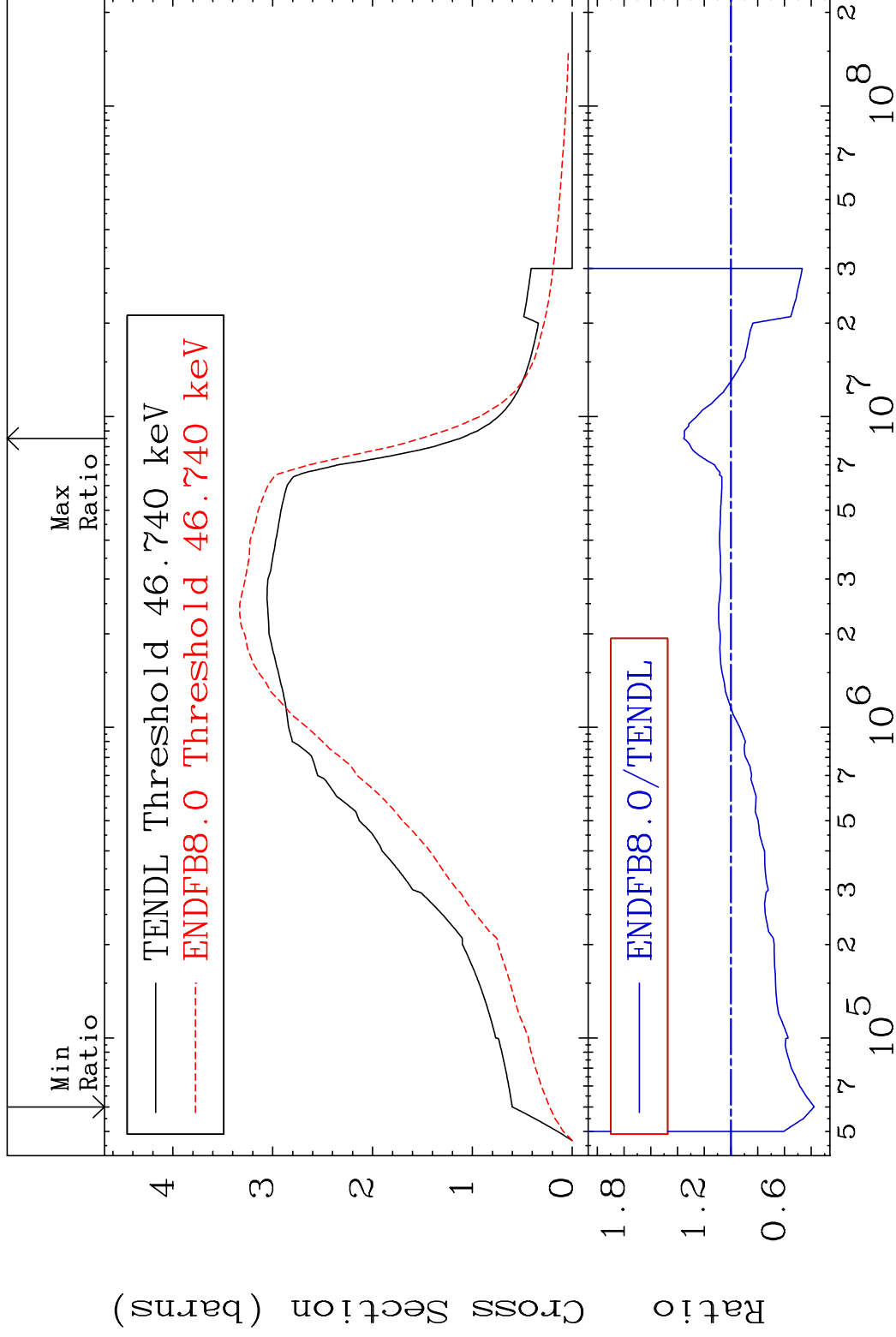
74-W -183

MAT 7434

Inelastic

74-W -183

Cross Section -62.12 To 35.39 %



3

Incident Energy (eV)

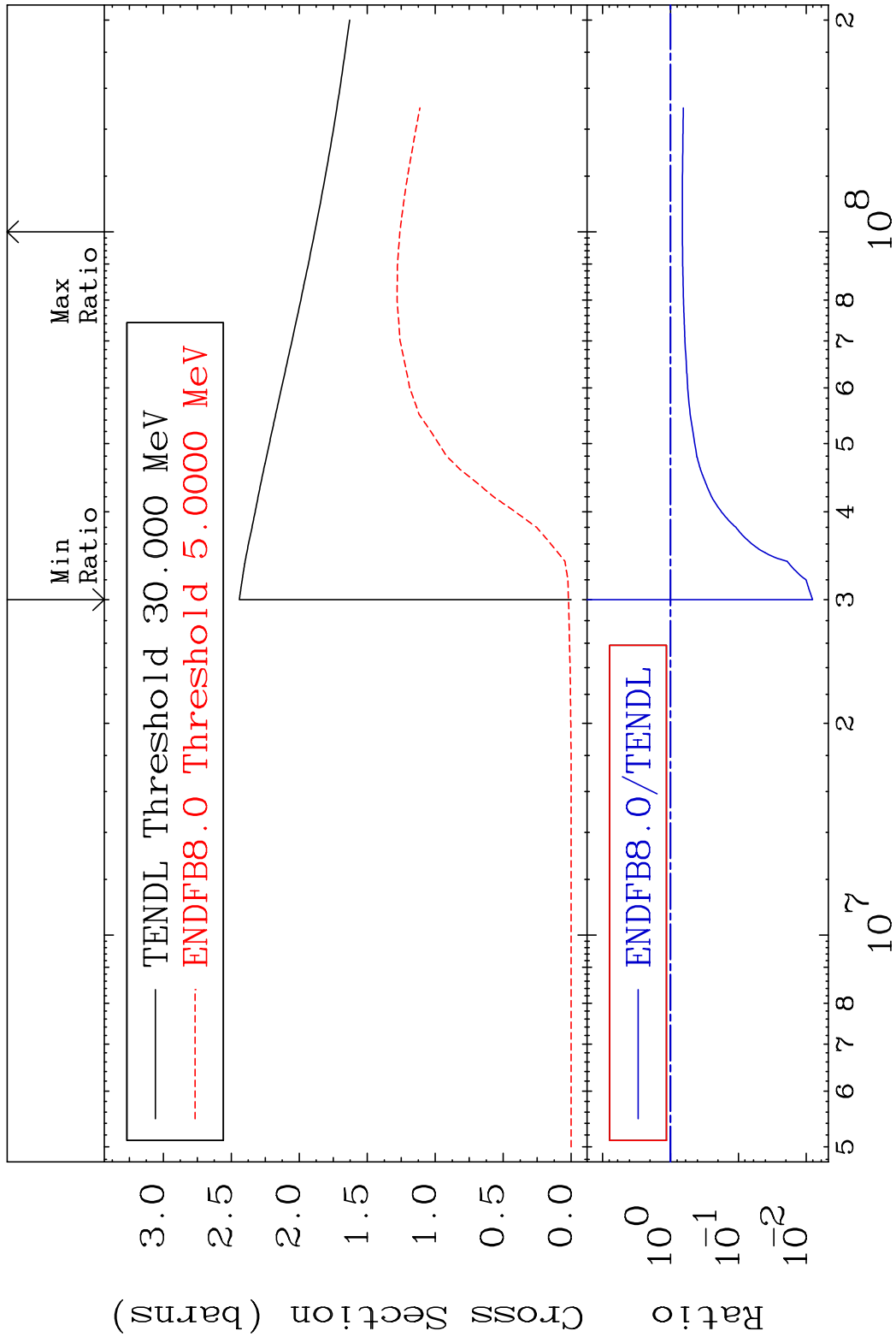
74-W -183

MAT 7434

(n, remainder)

74-W -183

Cross Section -99.19 To -33.17%



4

Incident Energy (eV)

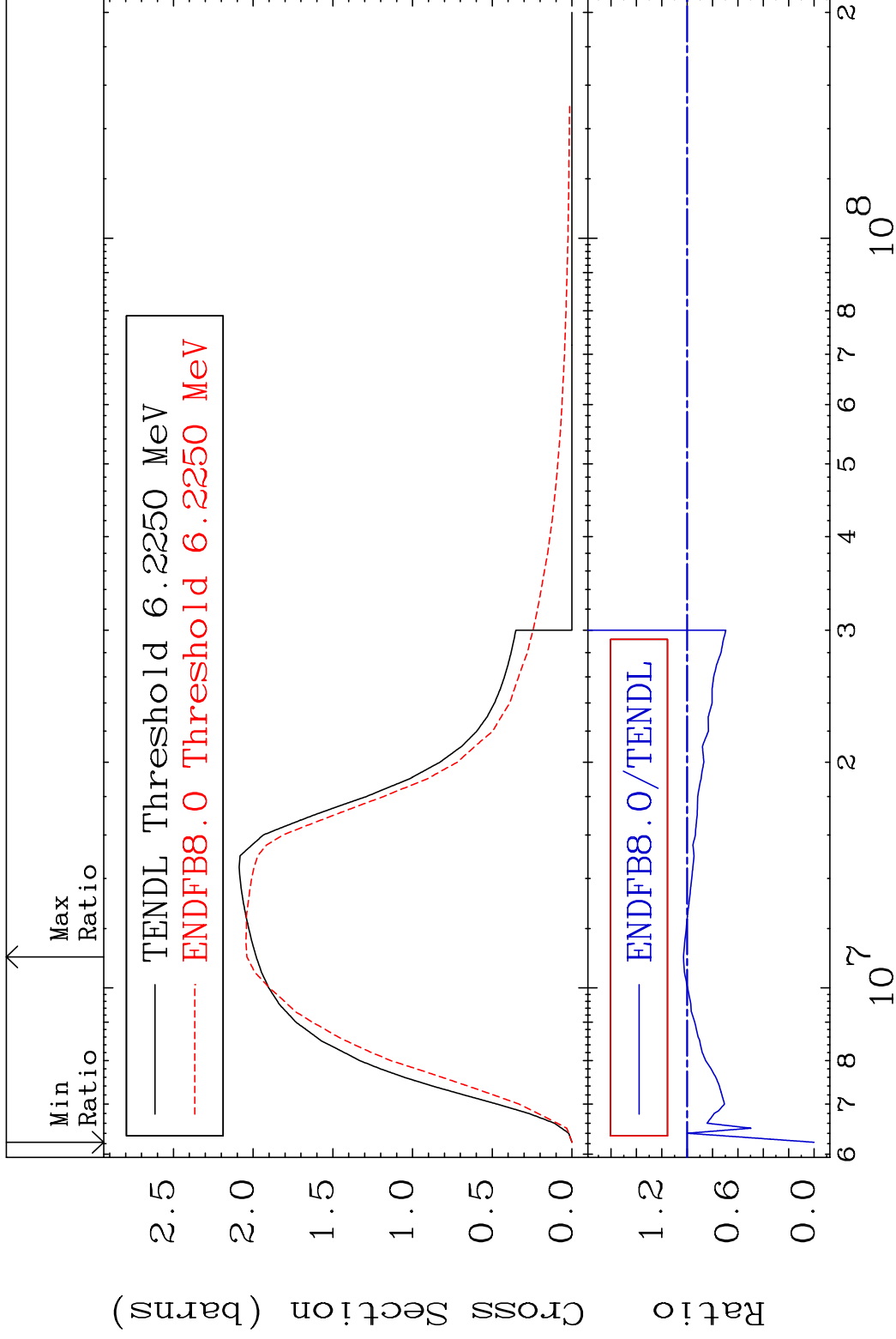
74-W -183

MAT 7434

(n,2n)

74-W -183

Cross Section -100.0 To 2.935 %



5

Incident Energy (eV)

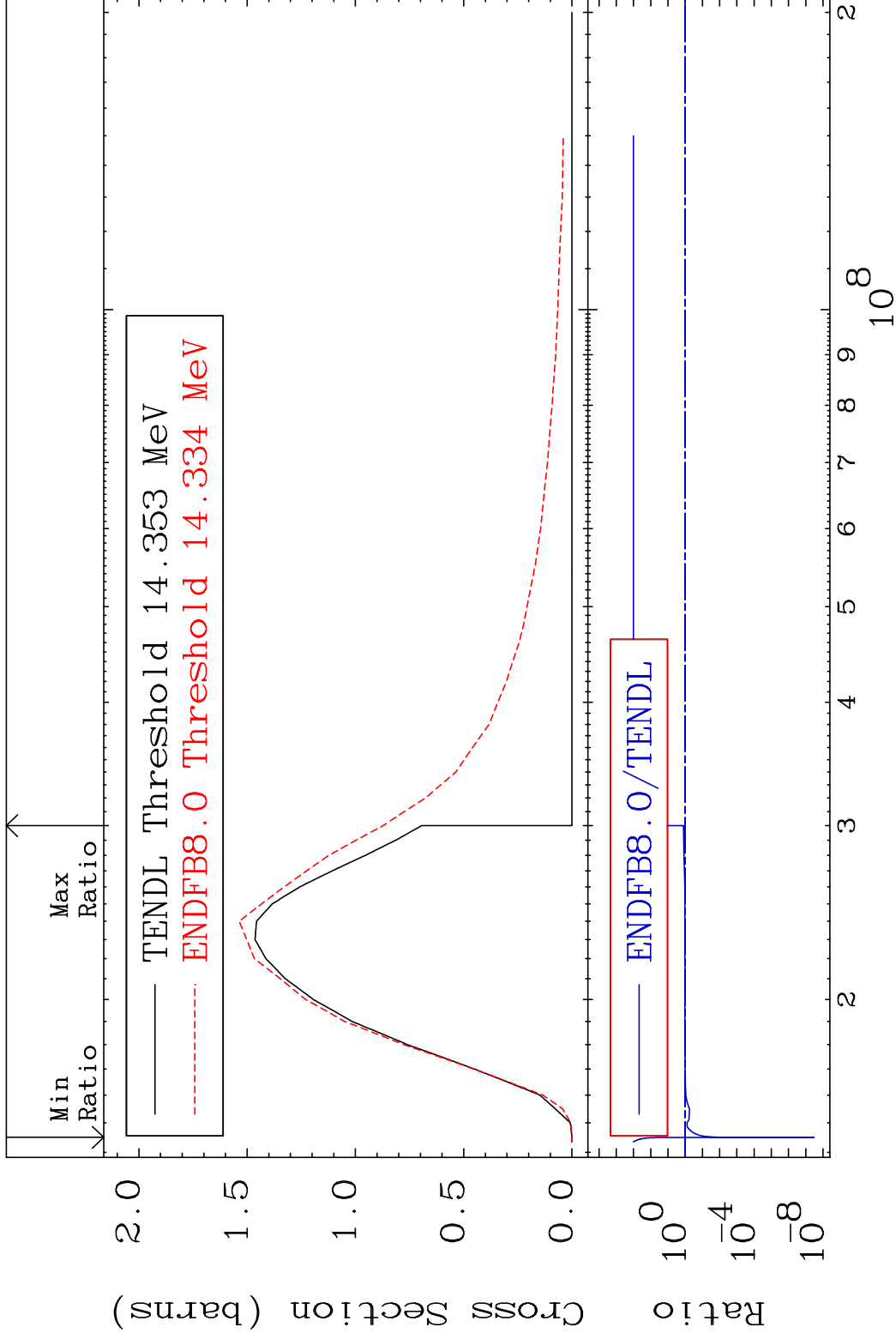
74-W -183

MAT 7434

(n,3n)

74-W -183

Cross Section -100.0 To 25.62 %



6

Incident Energy (eV)

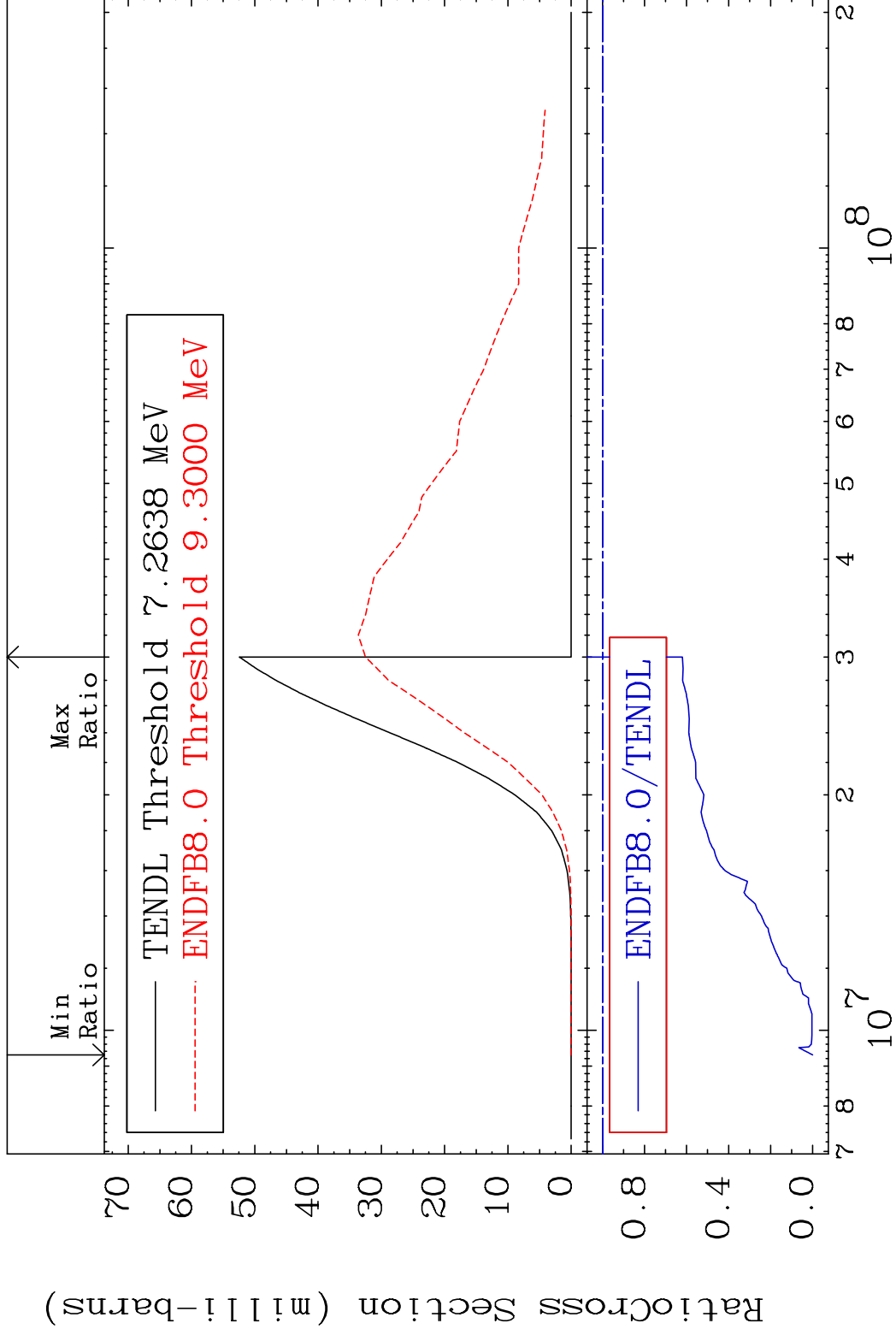
74-W -183

MAT 7434

(n, n') p

74-W -183

Cross Section -100.0 To -37.99%



7

Incident Energy (eV)

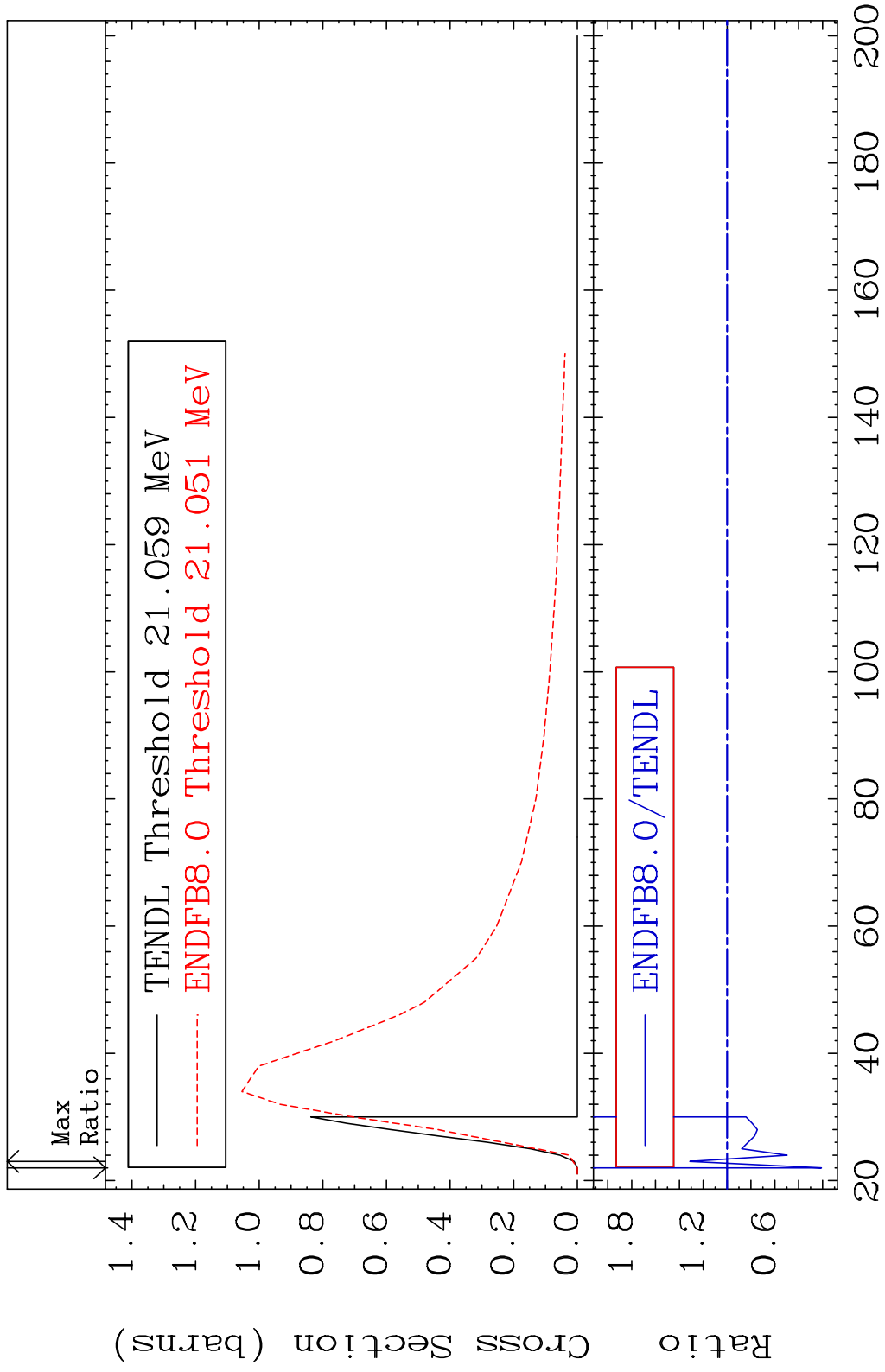
74-W -183

MAT 7434

(n,4n)

74-W -183

Cross Section -79.02 To 31.26 %

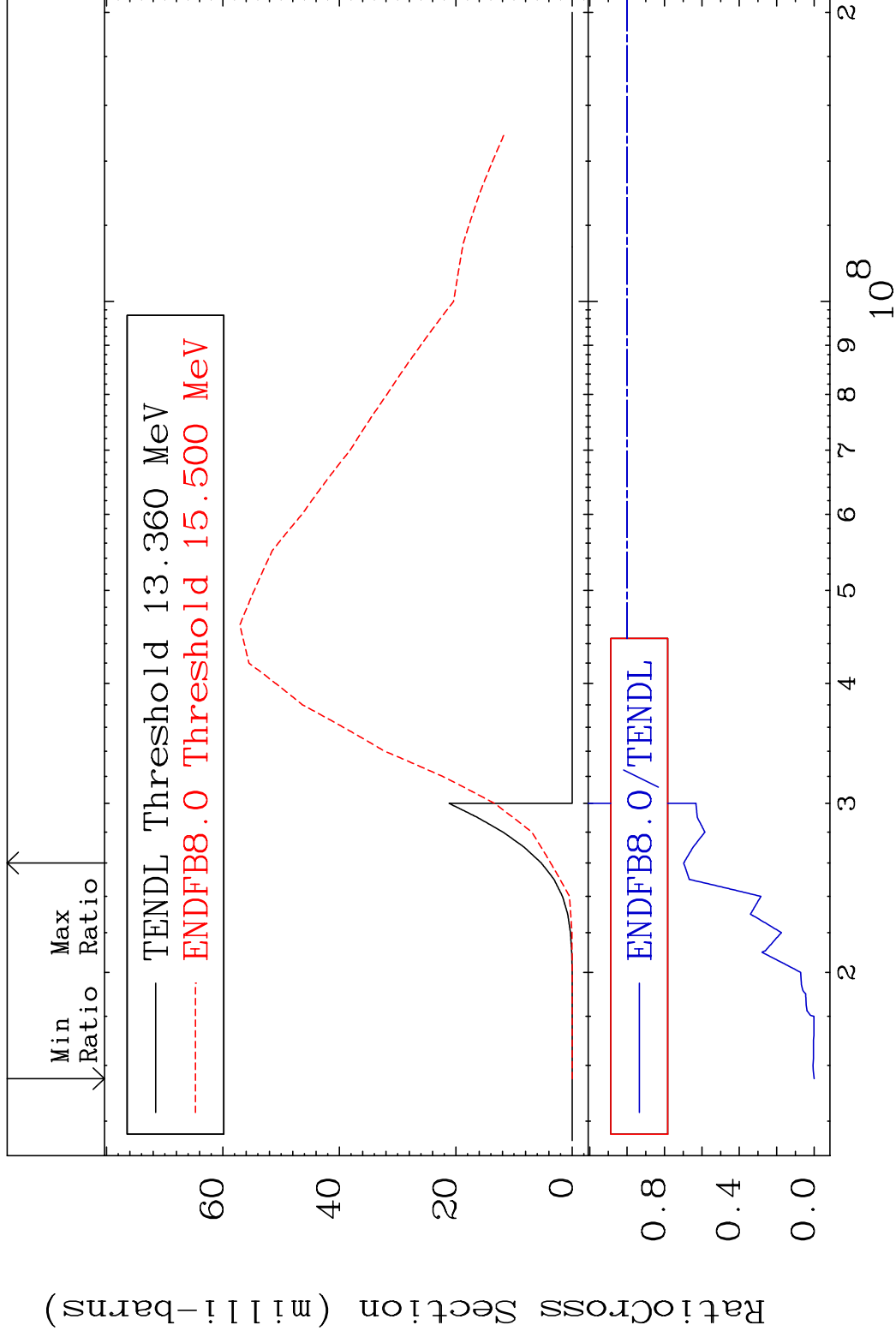


MAT 7434

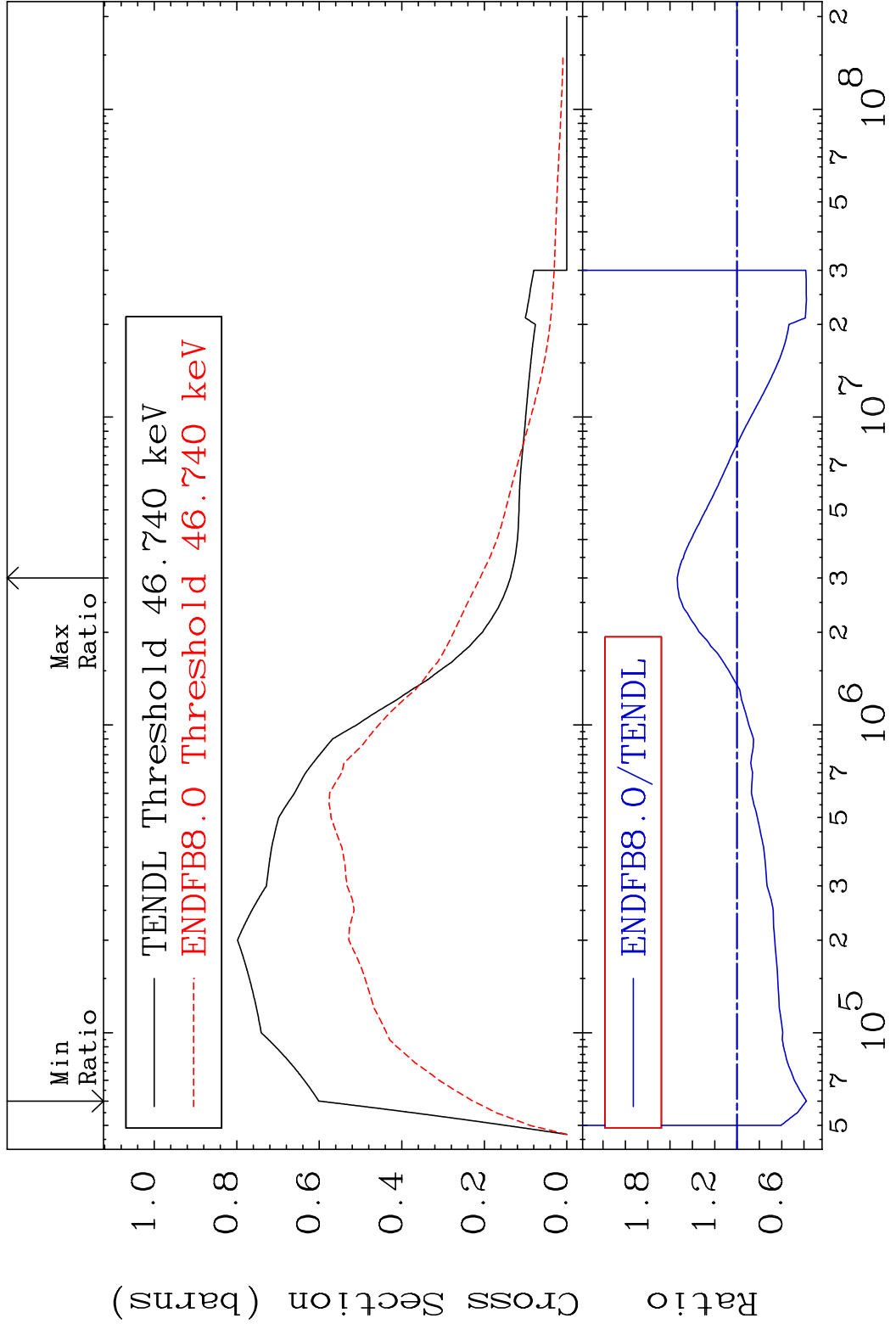
(n,2n) p

74-W -183

Cross Section -100.0 To -30.24%

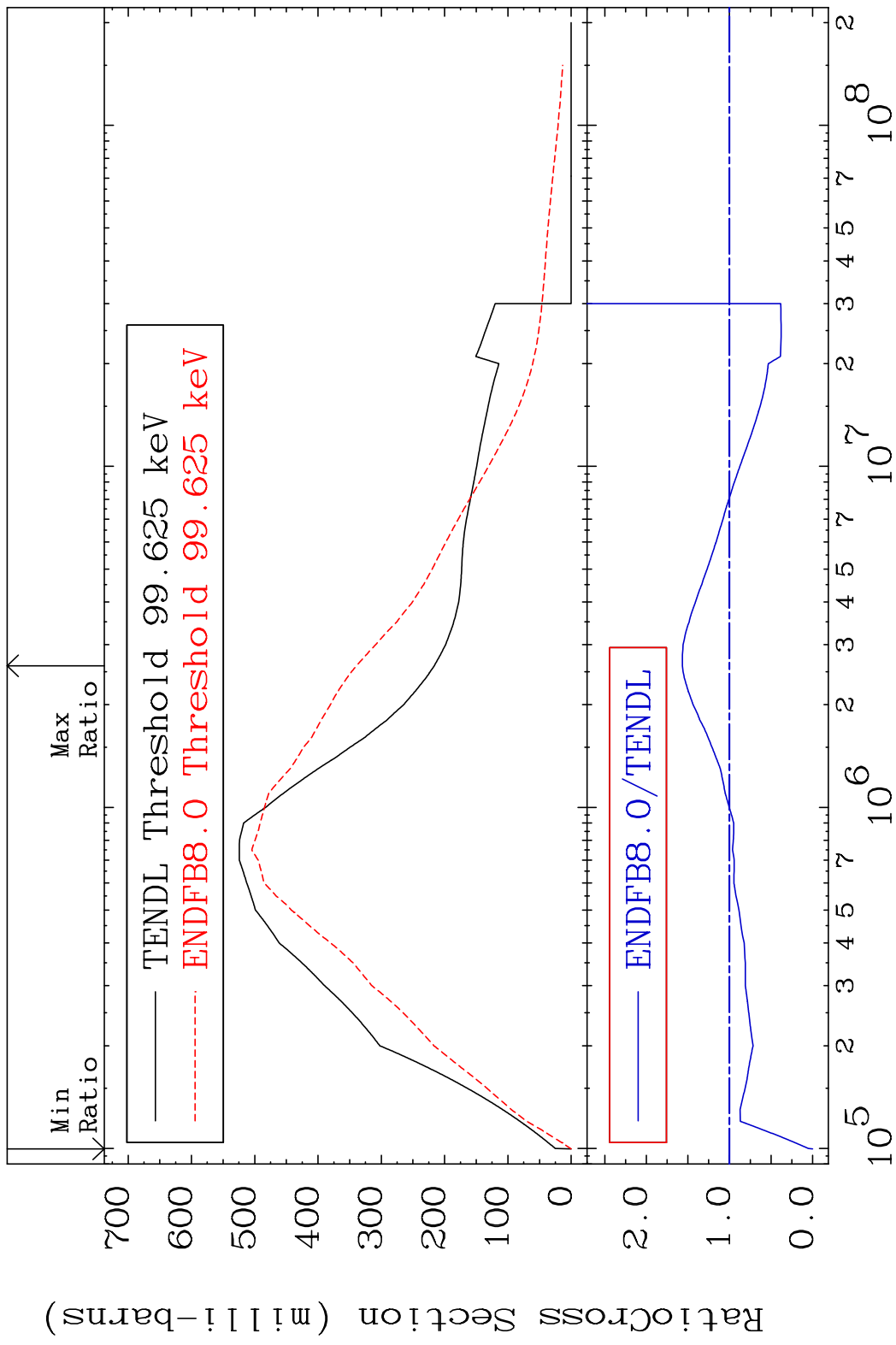


MAT 7434 MT= 51 (n, n') Level 74-W -183
 Cross Section -62.12 To 53.63 %

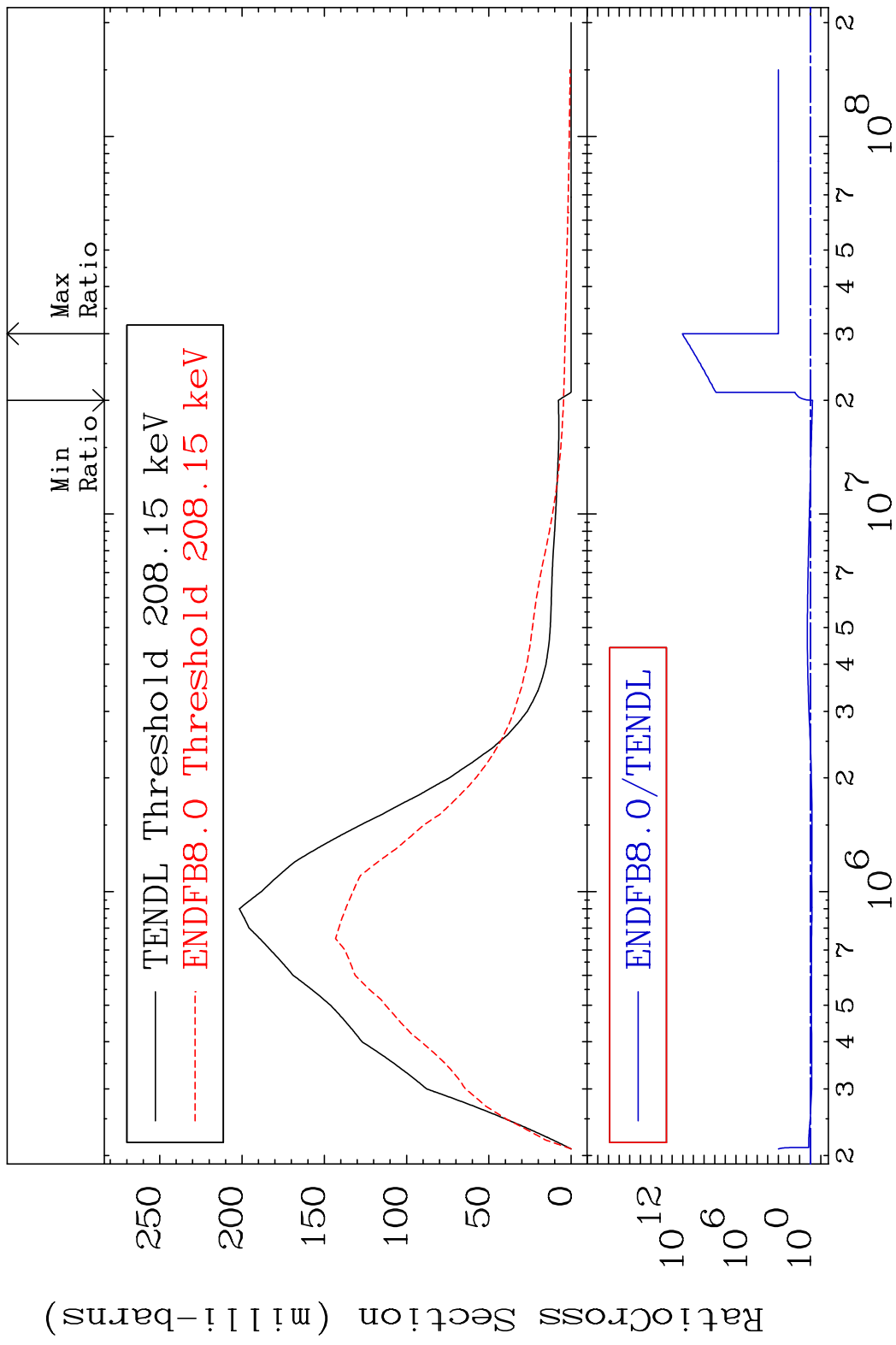


10 Incident Energy (eV) 74-W -183

MAT 7434 MT= 52 (n, n') Level 74-W -183
 Cross Section -100.0 To 56.72 %

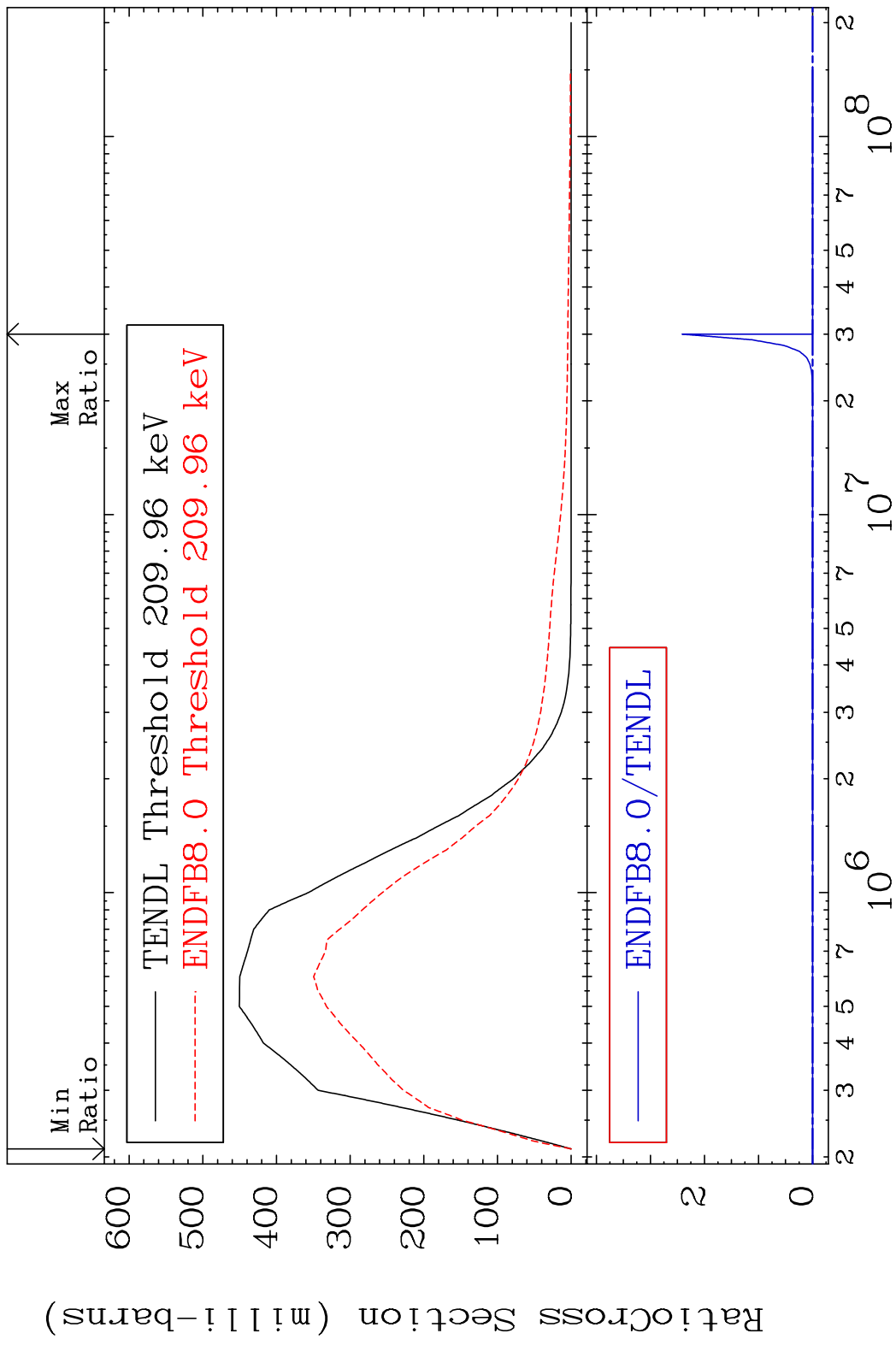


MAT 7434 MT= 53 (n,n') Level 74-W -183
 Cross Section -39.80 To 9999. %

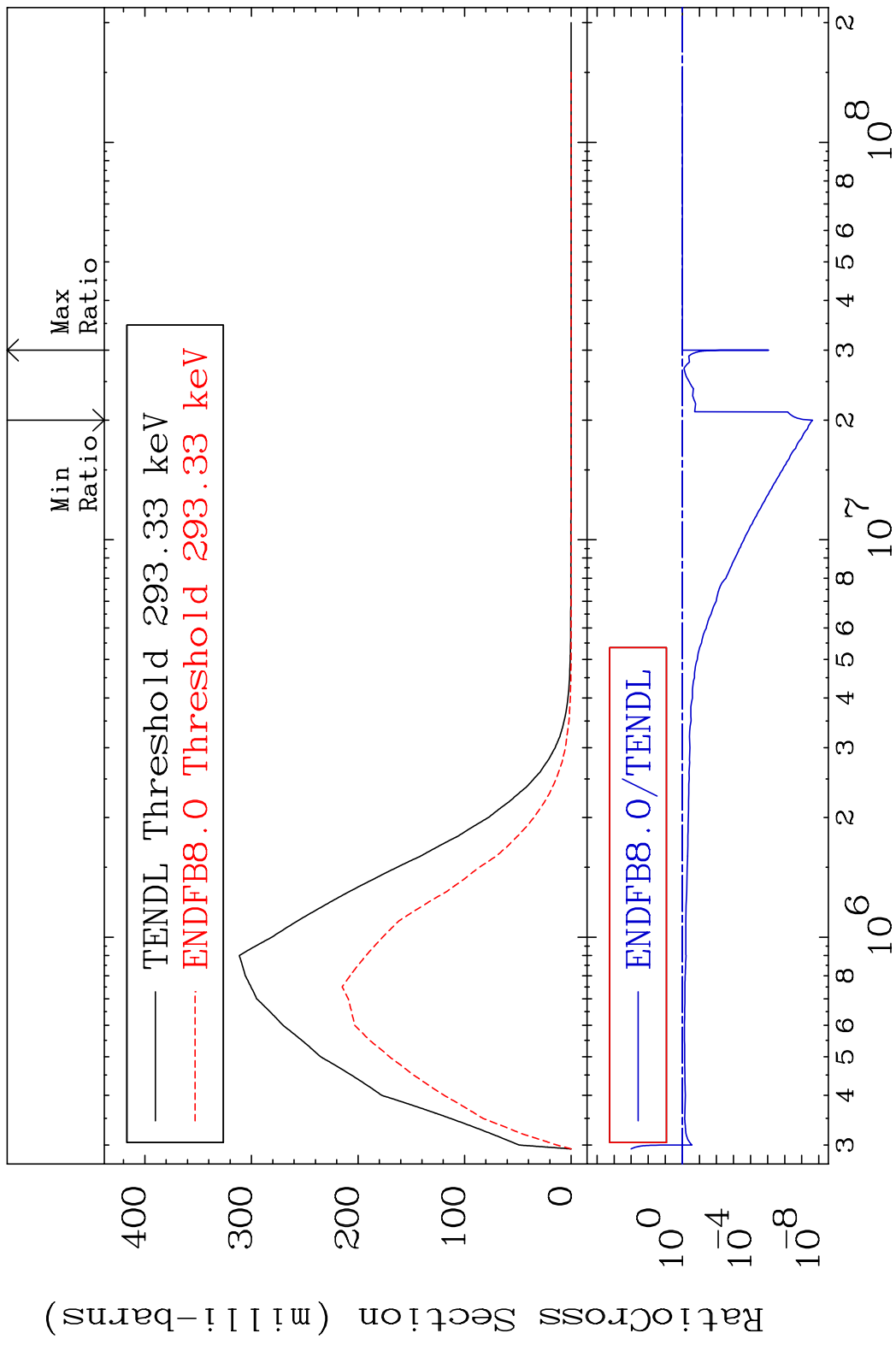


12 Incident Energy (eV) 74-W -183

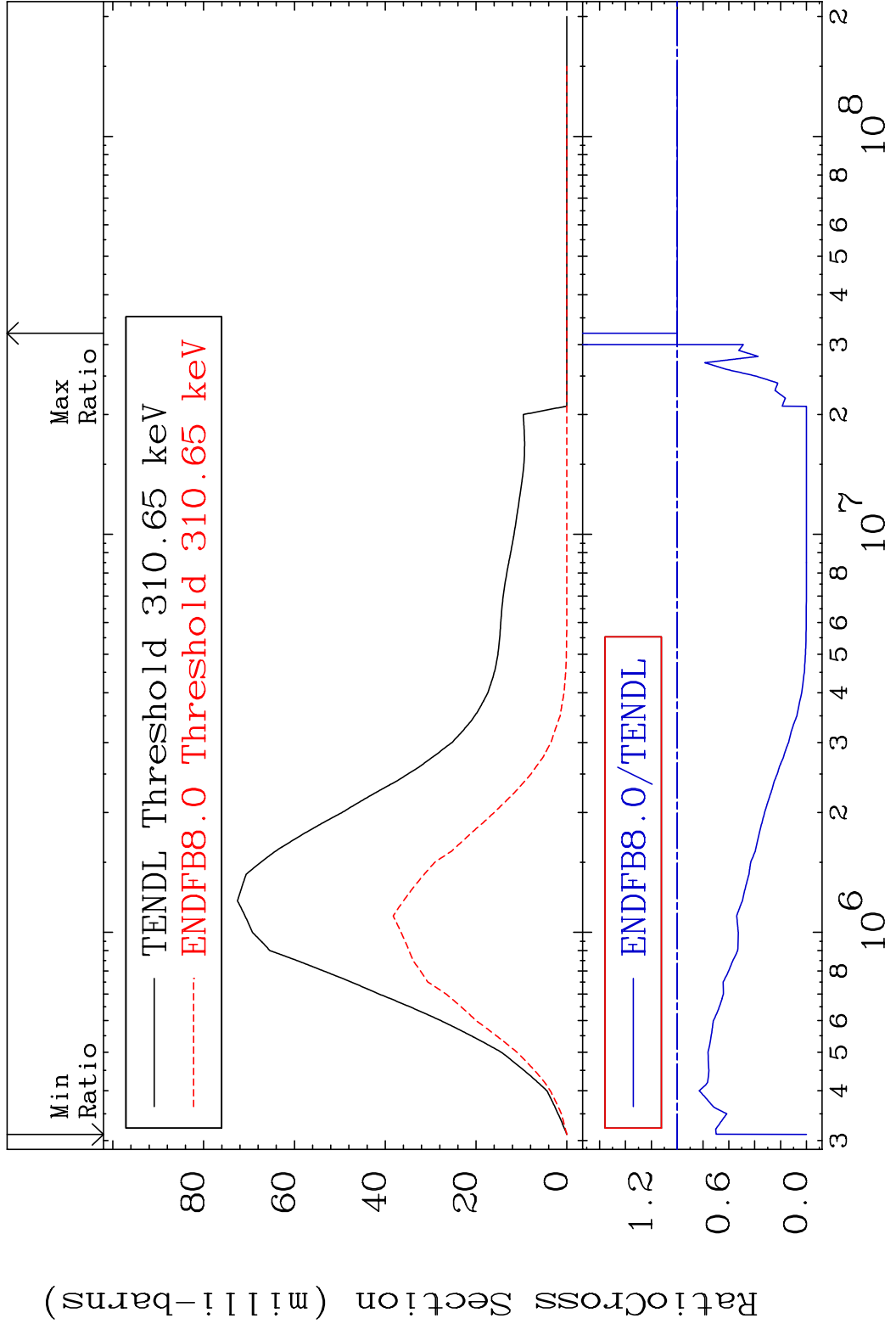
MAT 7434 MT= 54 (n,n') Level 74-W -183
 Cross Section -100.0 To 9999. %



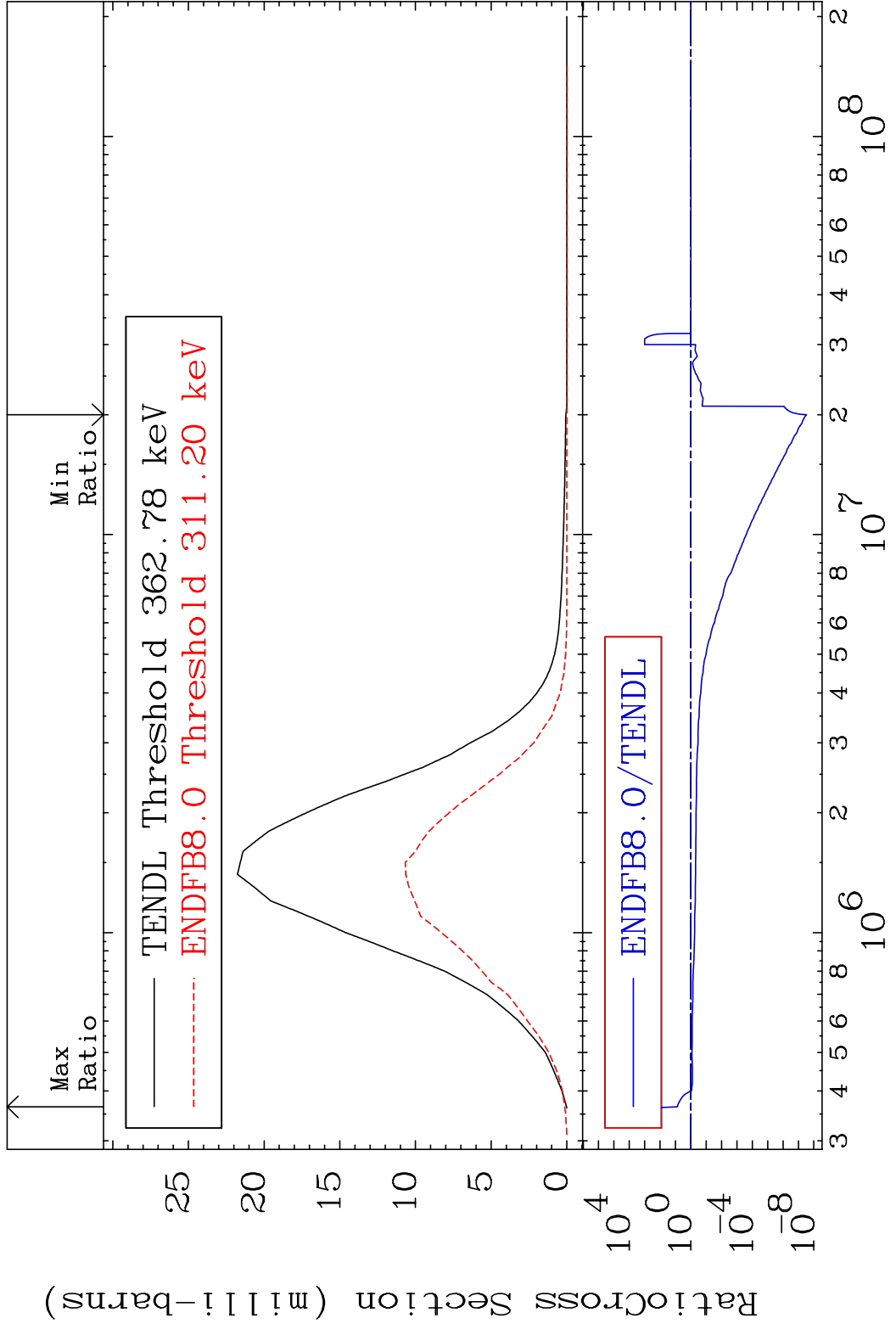
MAT 7434 MT= 55 (n,n') Level 74-W -183
 Cross Section -100.0 To 0.000 %



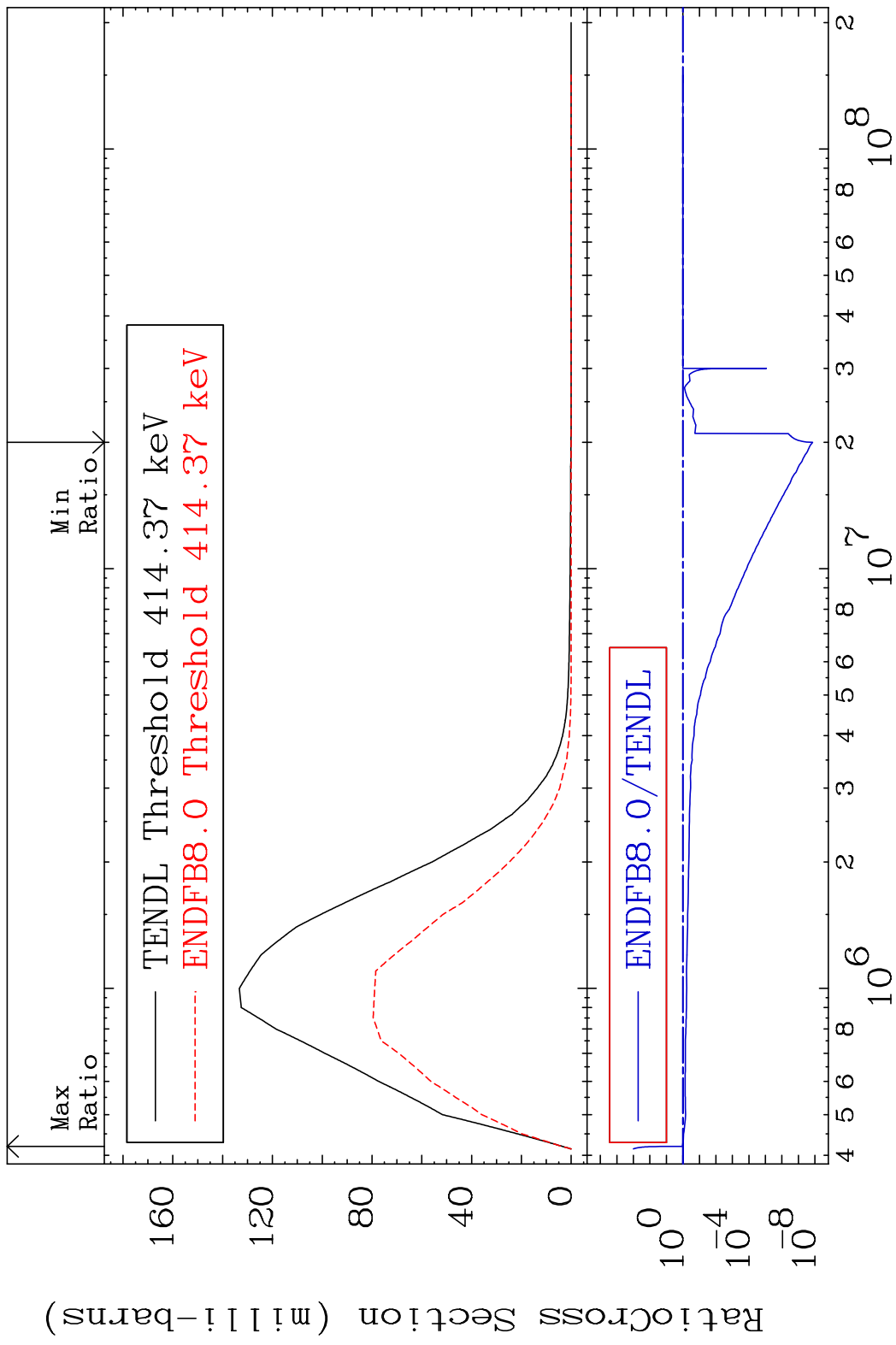
MAT 7434 MT= 56 (n,n') Level 74-W -183
 Cross Section -100.0 To 0.000 %



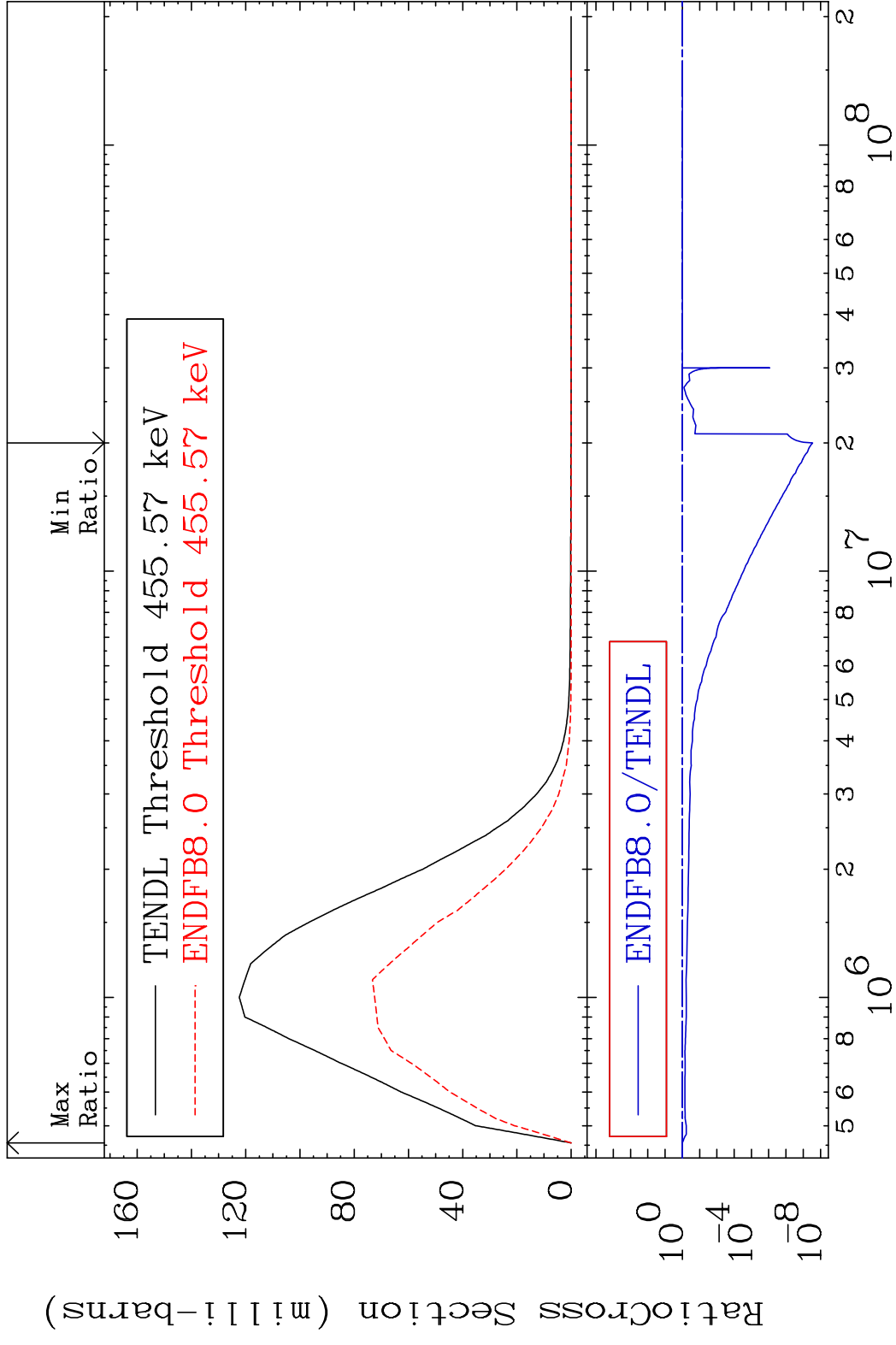
MAT 7434 MT= 57 (n,n') Level 74-W -183
 Cross Section -100.0 To 669.3 %



MAT 7434 MT= 58 (n, n') Level 74-W -183
 Cross Section -100.0 To 7.713 %

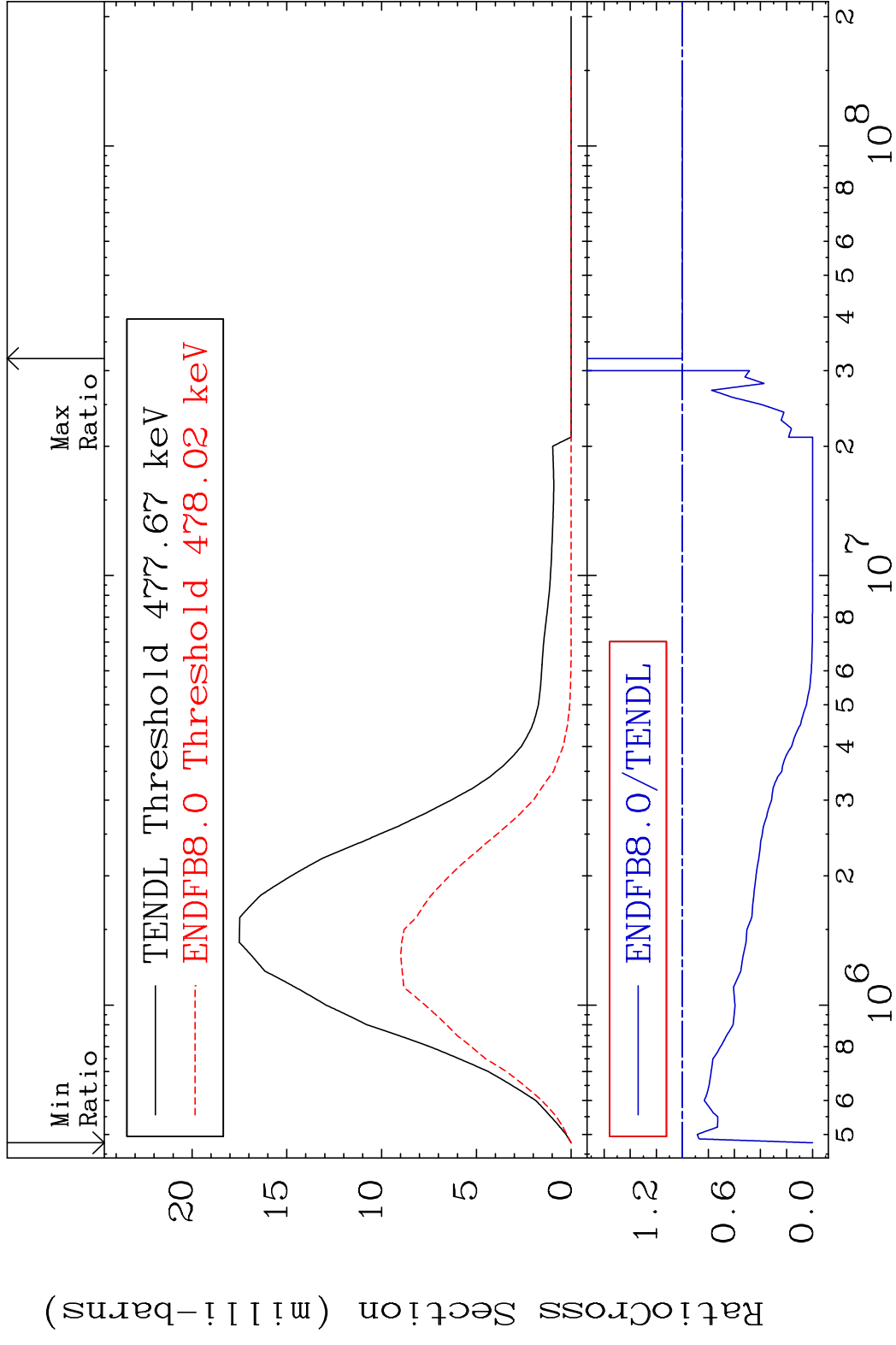


MAT 7434 MT= 59 (n, n') Level 74-W -183
 Cross Section -100.0 To 0.000 %

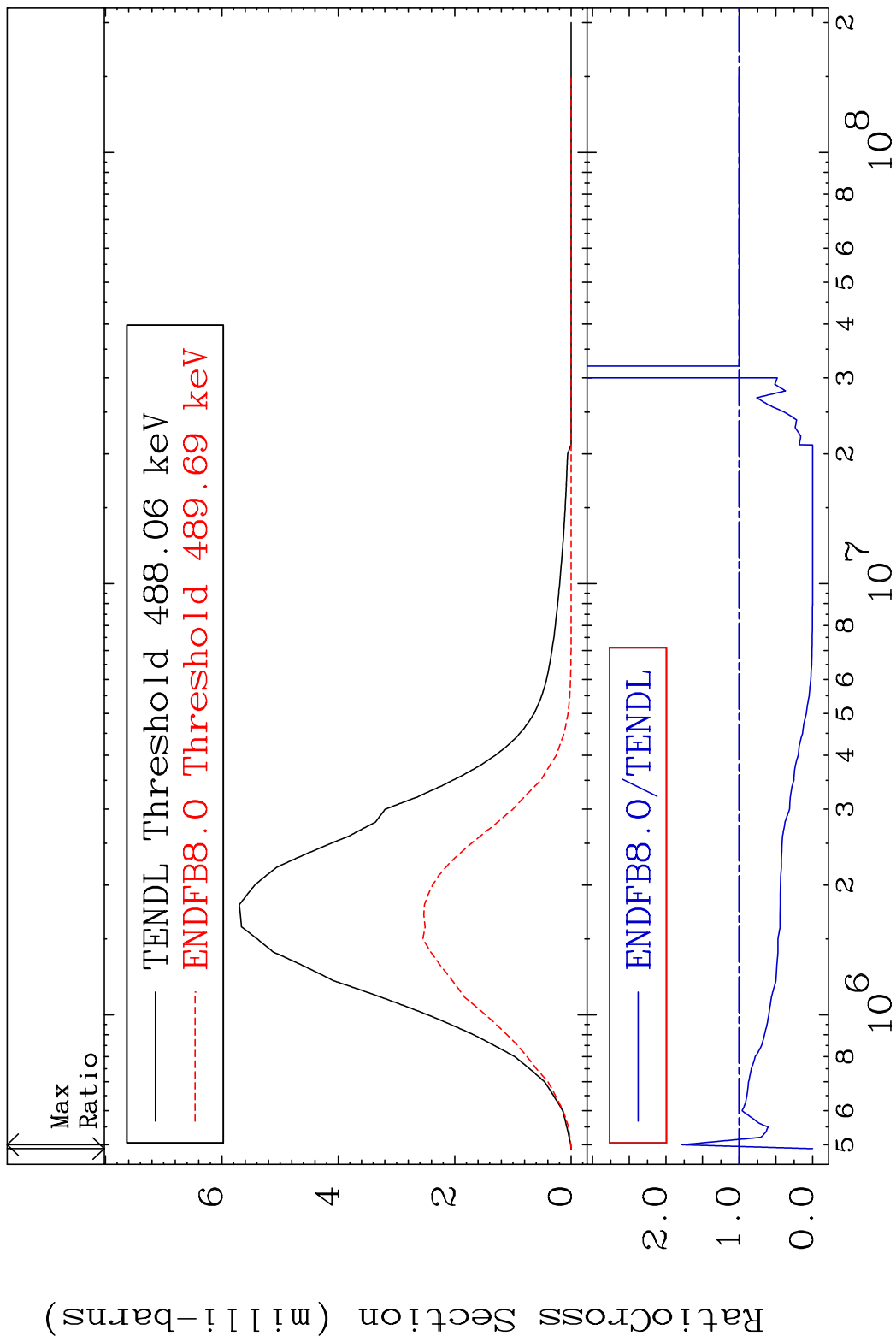


18 74-W -183

MAT 7434 MT= 60 (n, n') Level 74-W -183
 Cross Section -100.0 To 0.000 %



MAT 7434 MT= 61 (n, n') Level 74-W -183
 Cross Section -100.0 To 77.55 %



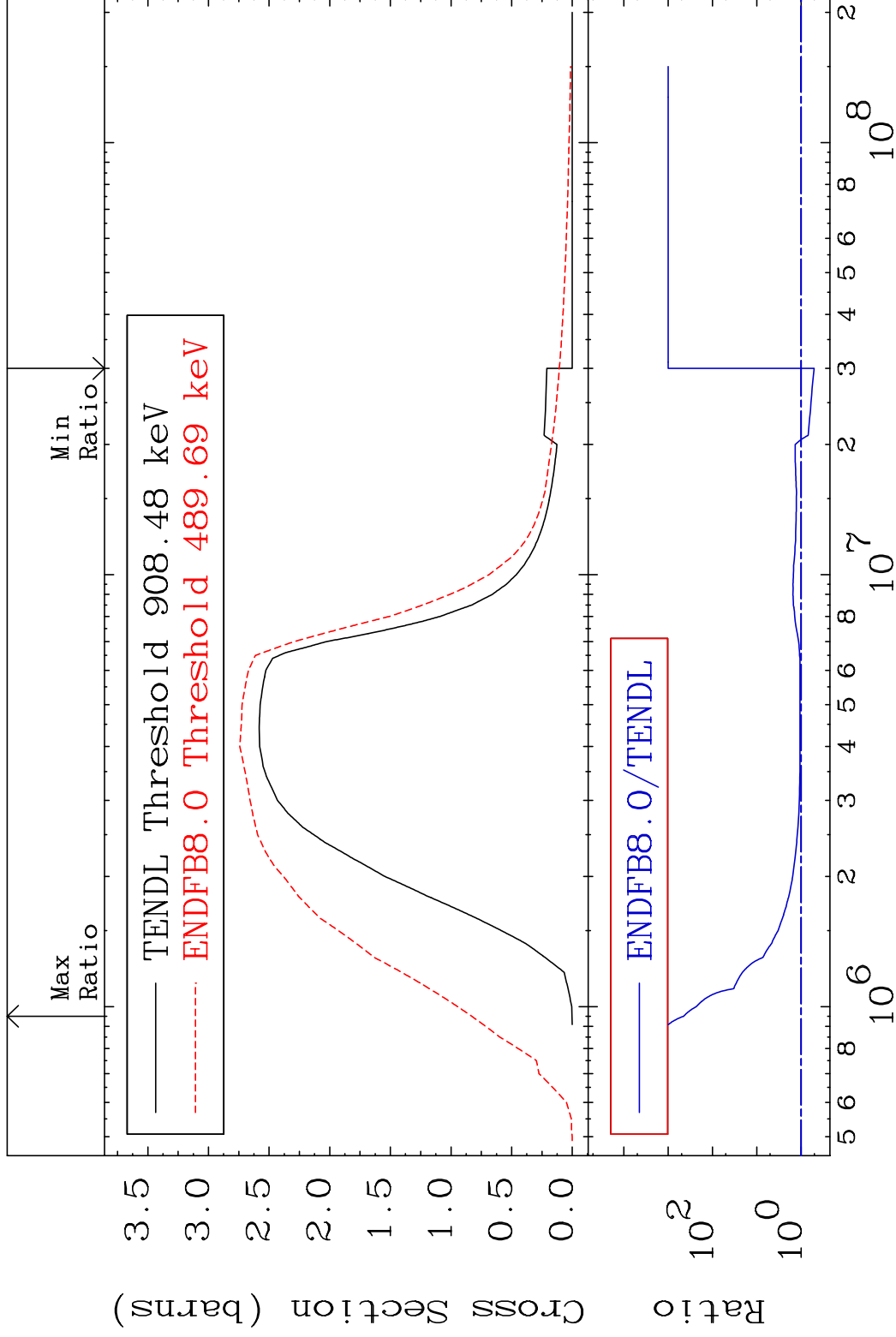
20 Incident Energy (eV) 74-W -183

MAT 7434

(n, n') Continuum

74-W -183

Cross Section -49.18 To 9999. %



21

Incident Energy (eV)

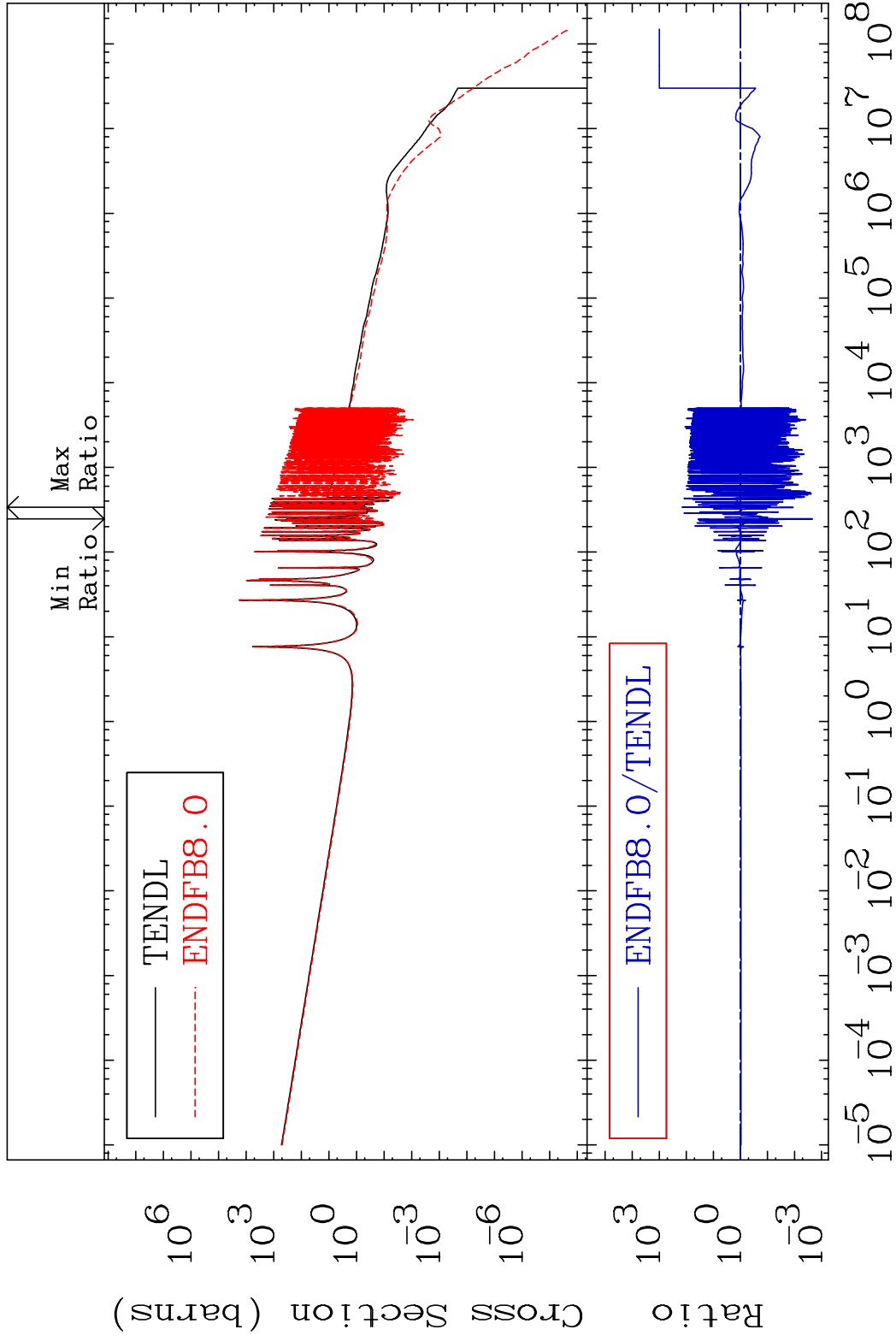
74-W -183

MAT 7434

(n, γ)

74-W -183

Cross Section -99.78 To 9999. %



22

Incident Energy (eV)

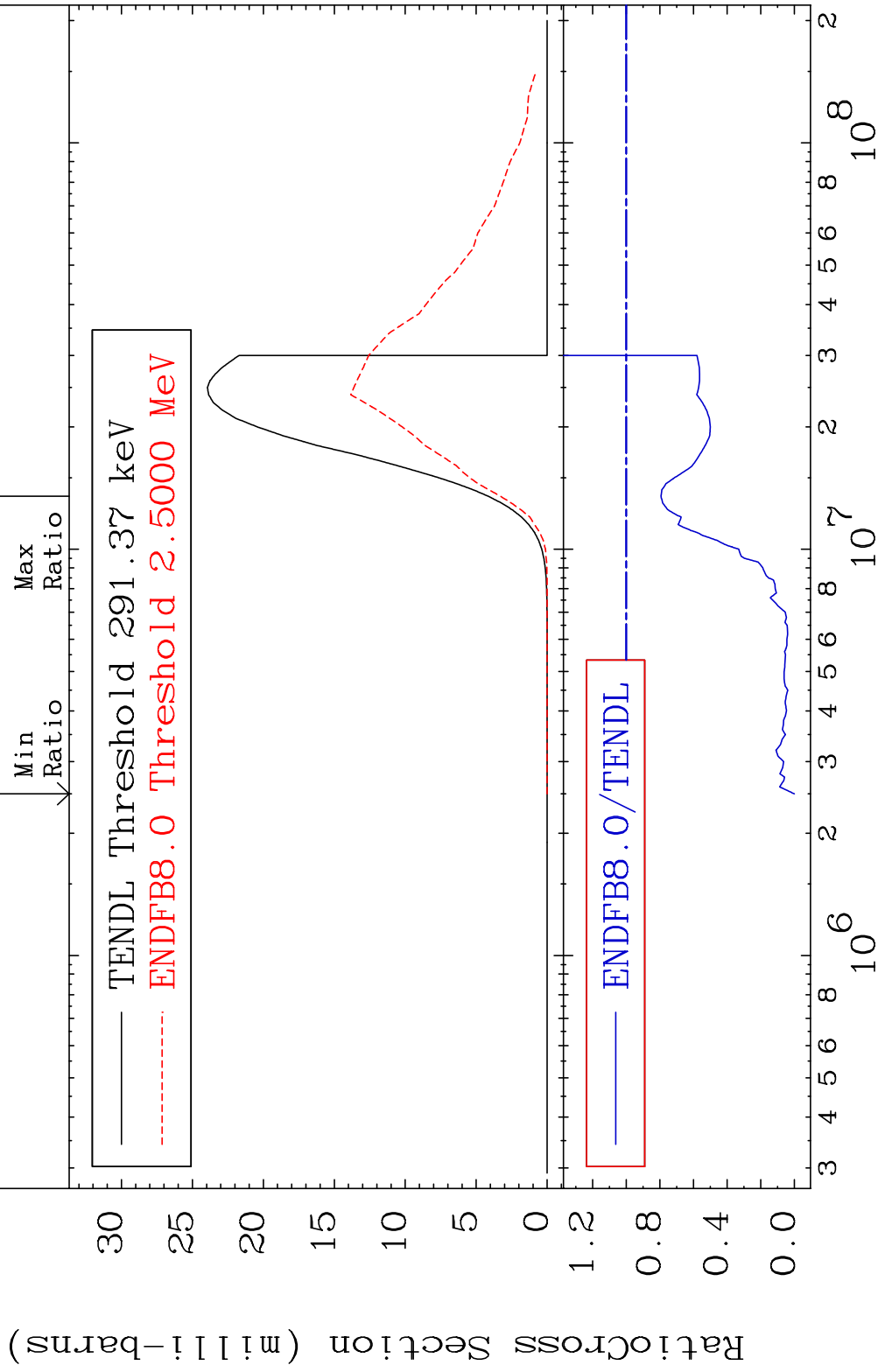
74-W -183

MAT 7434

(n, p)

74-W -183

Cross Section -100.0 To -20.66%



23

Incident Energy (eV)

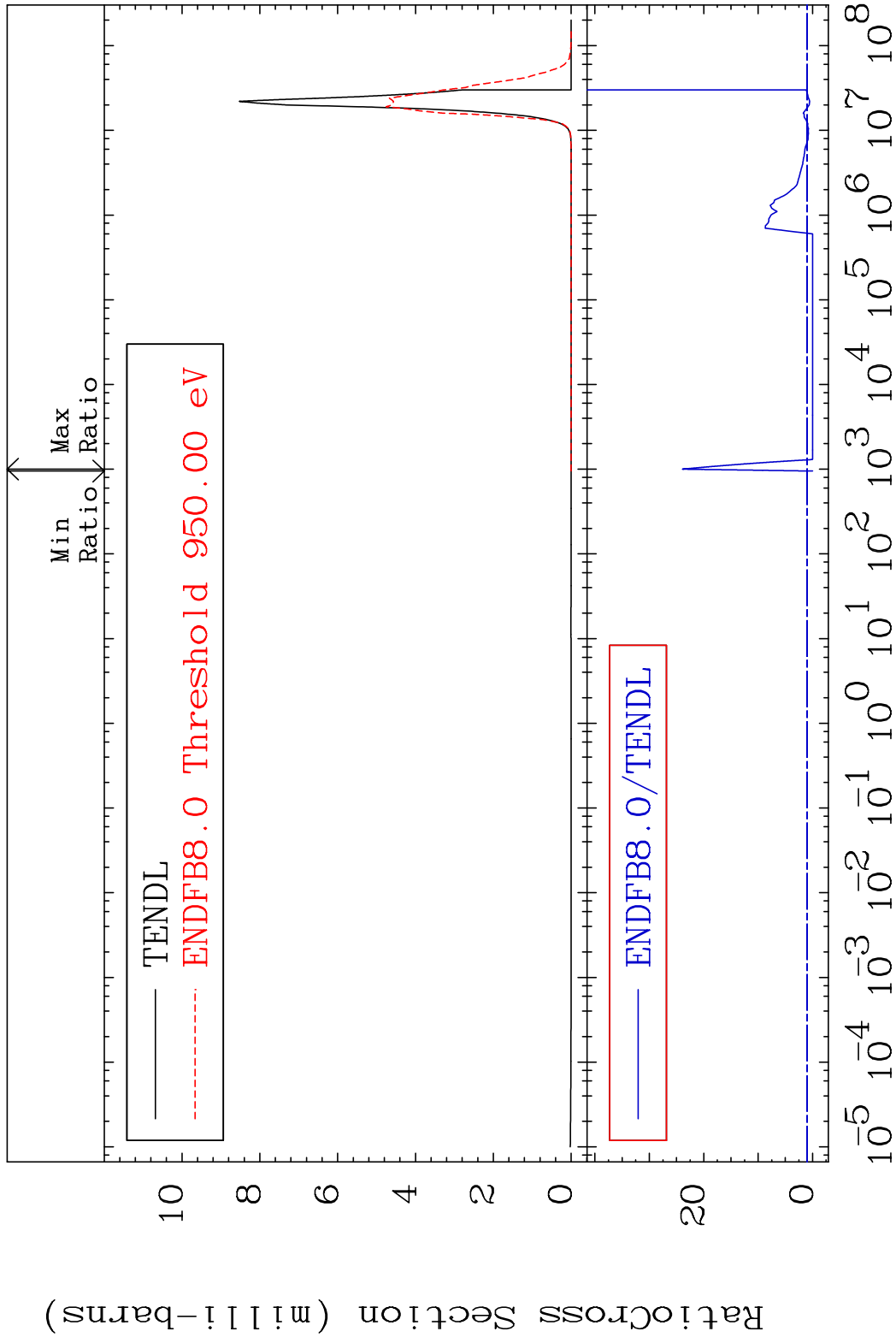
74-W -183

MAT 7434

74-W -183

(n, α)

Cross Section -100.0 To 2293. %



24

Incident Energy (eV)

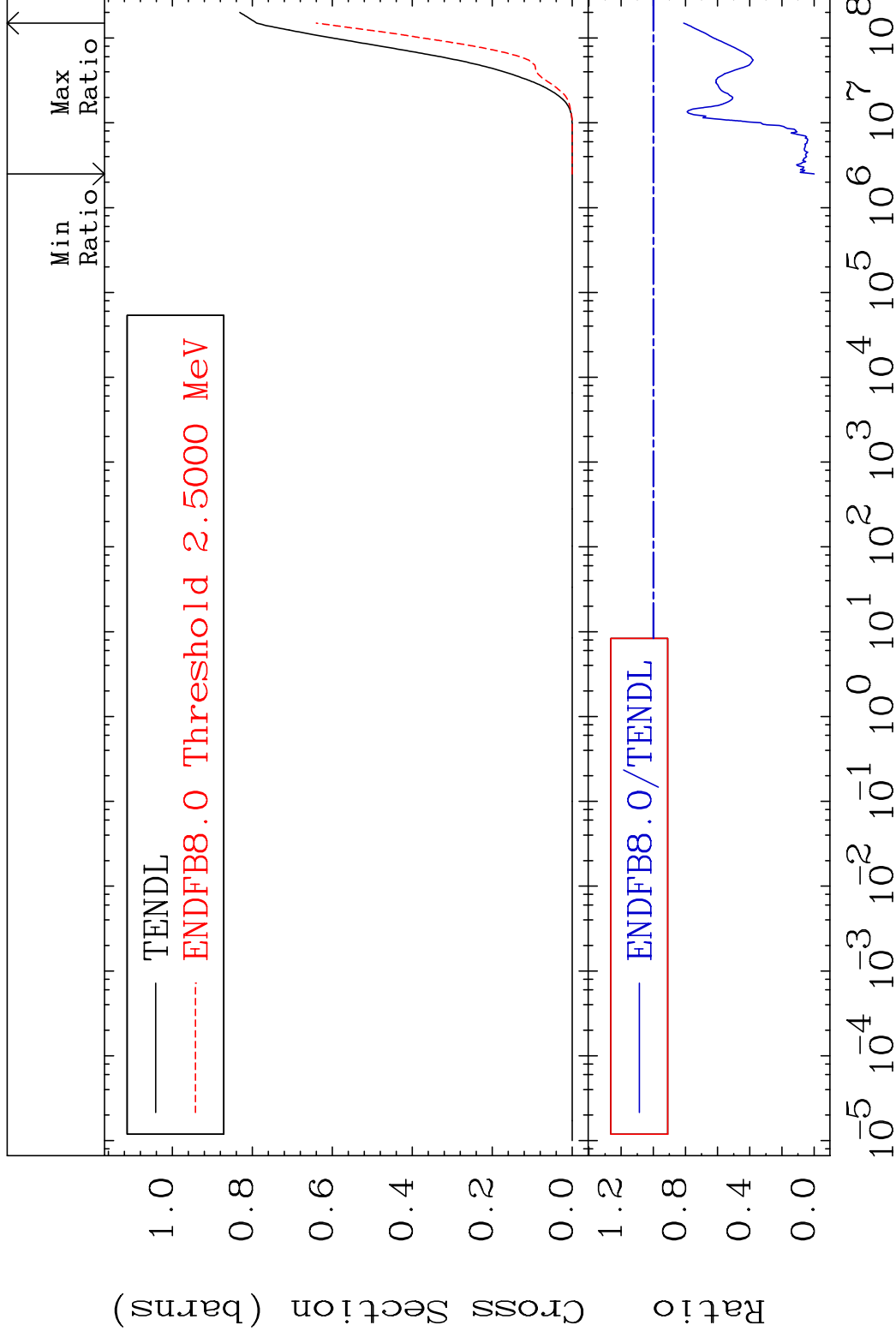
74-W -183

MAT 7434

Hydrogen Production

74-W -183

Cross Section -100.0 To -18.88%



25

Incident Energy (eV)

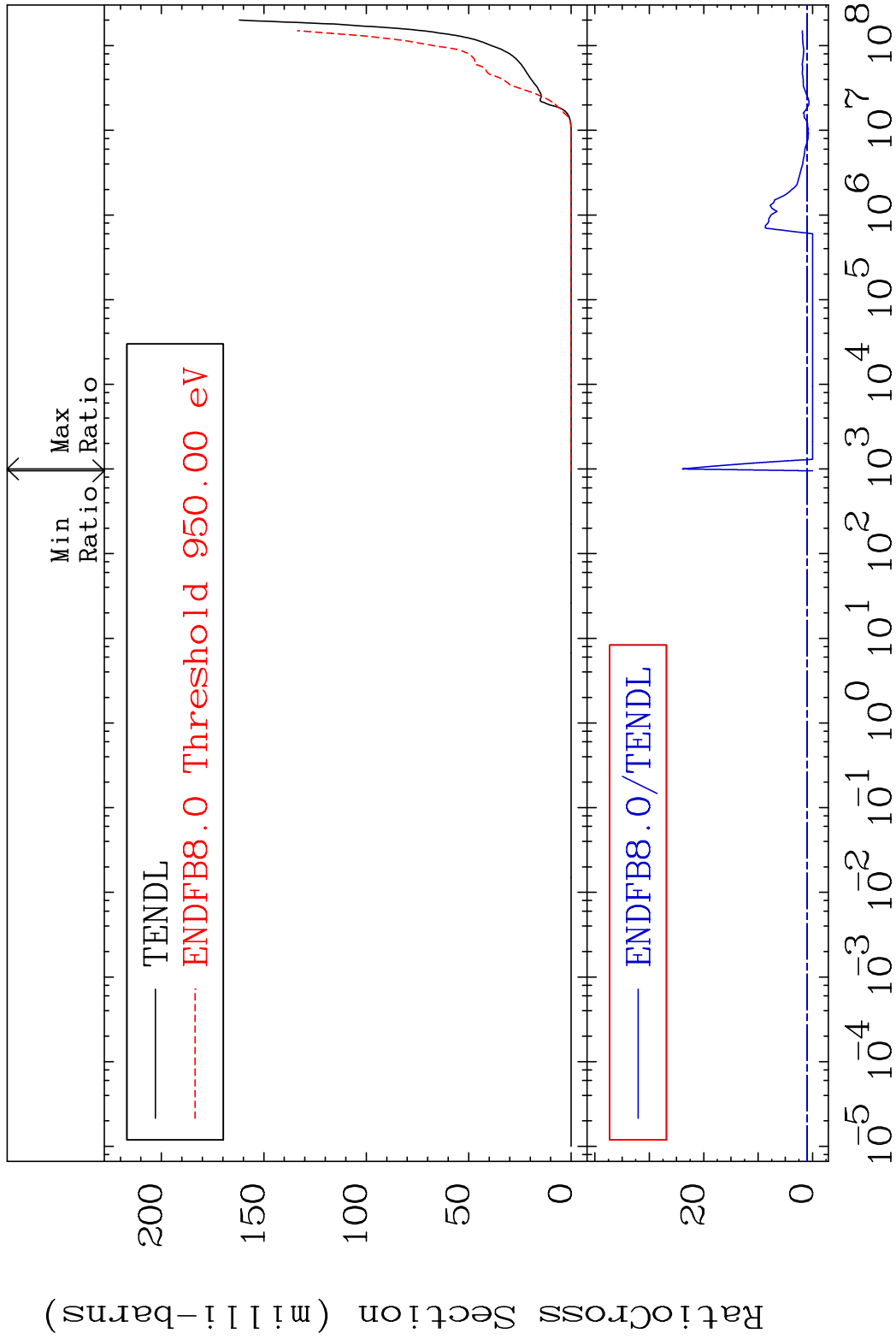
74-W -183

MAT 7434

He-4 Production

74-W -183

Cross Section -100.0 To 2293. %

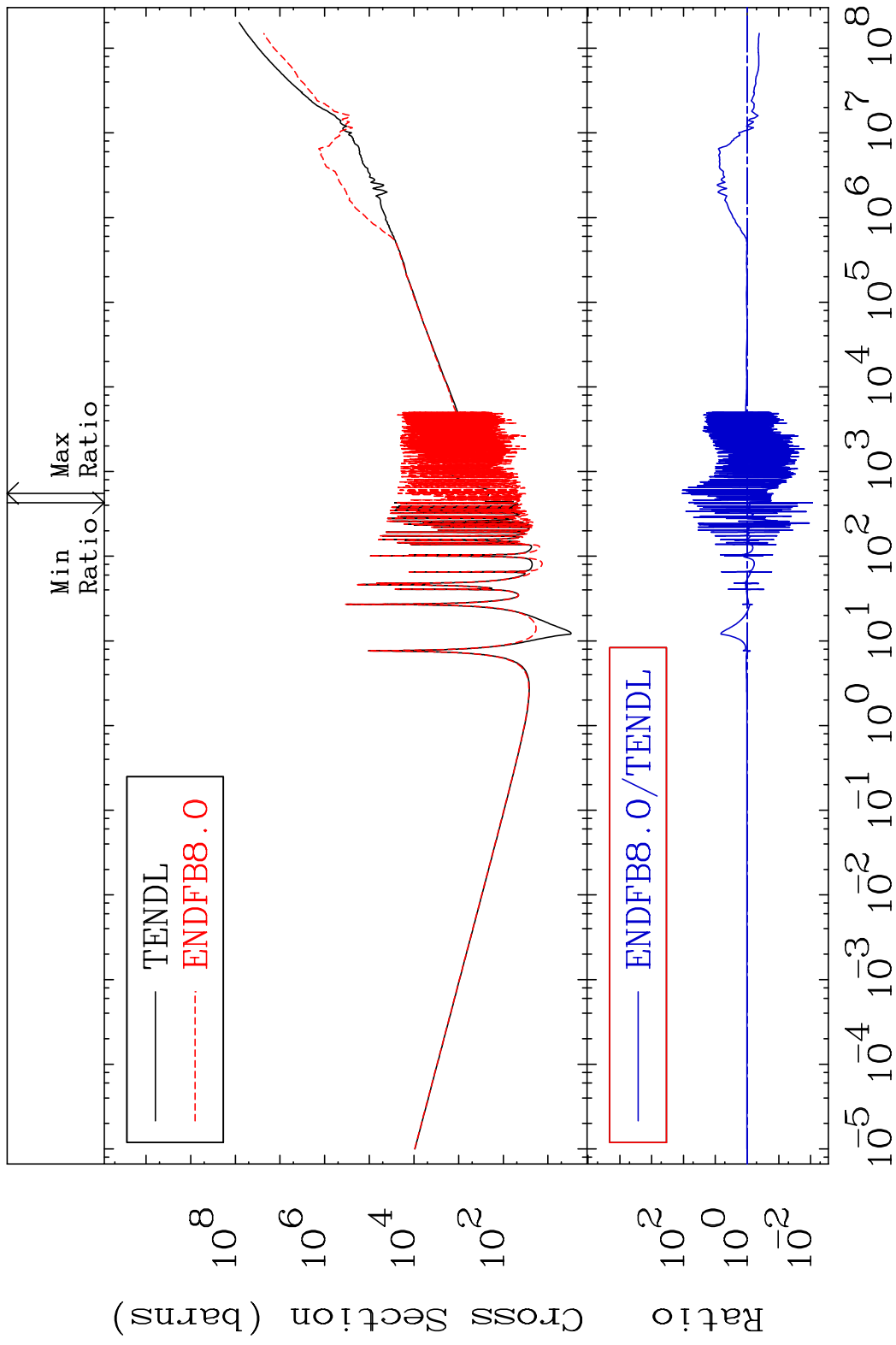


26

Incident Energy (eV)

74-W -183

MAT 7434 Kerma total (eV-barns) 74-W -183
 Cross Section -99.13 To 9999. %

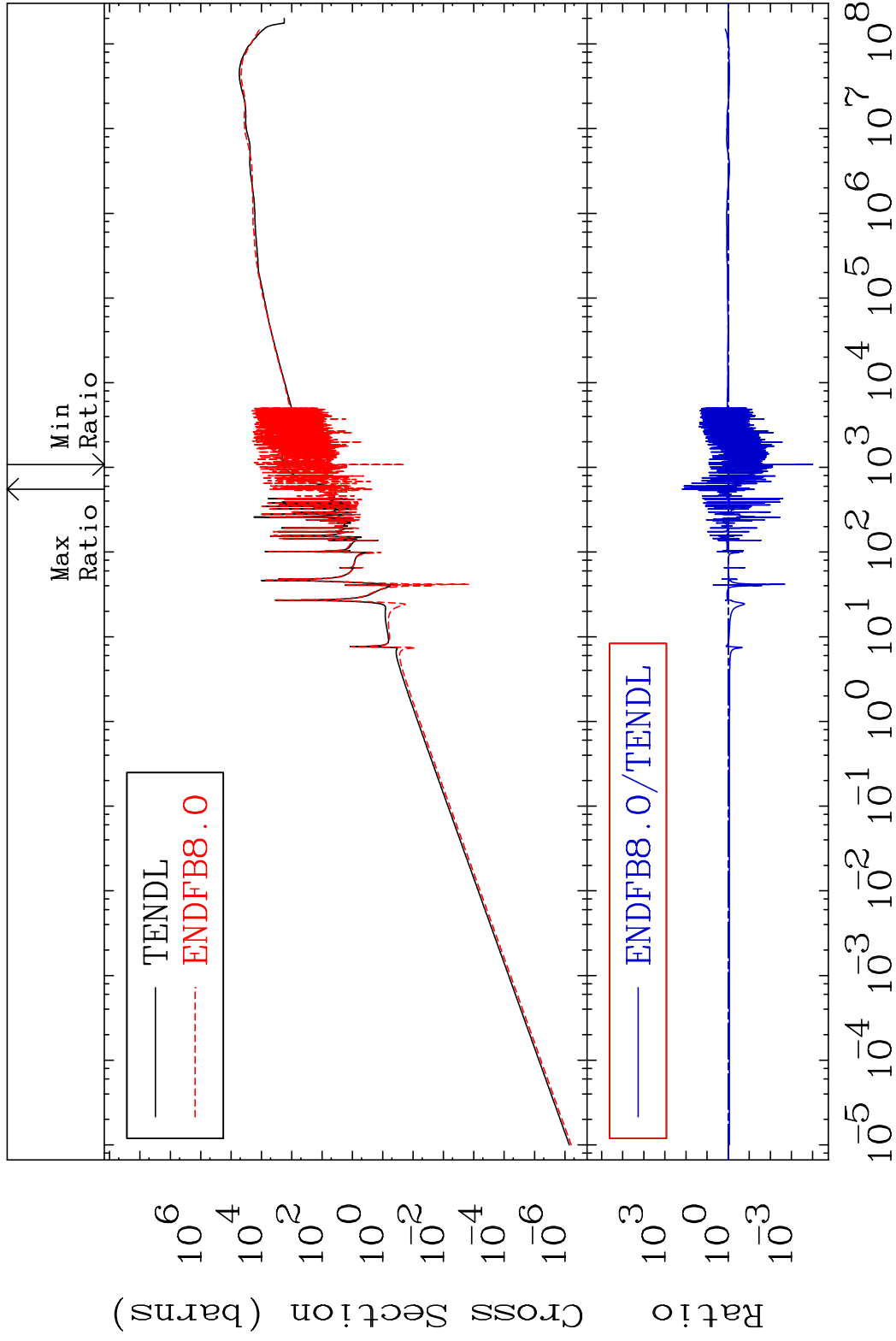


MAT 7434

Kerma elastic

74-W -183

Cross Section -99.99 To 9999. %

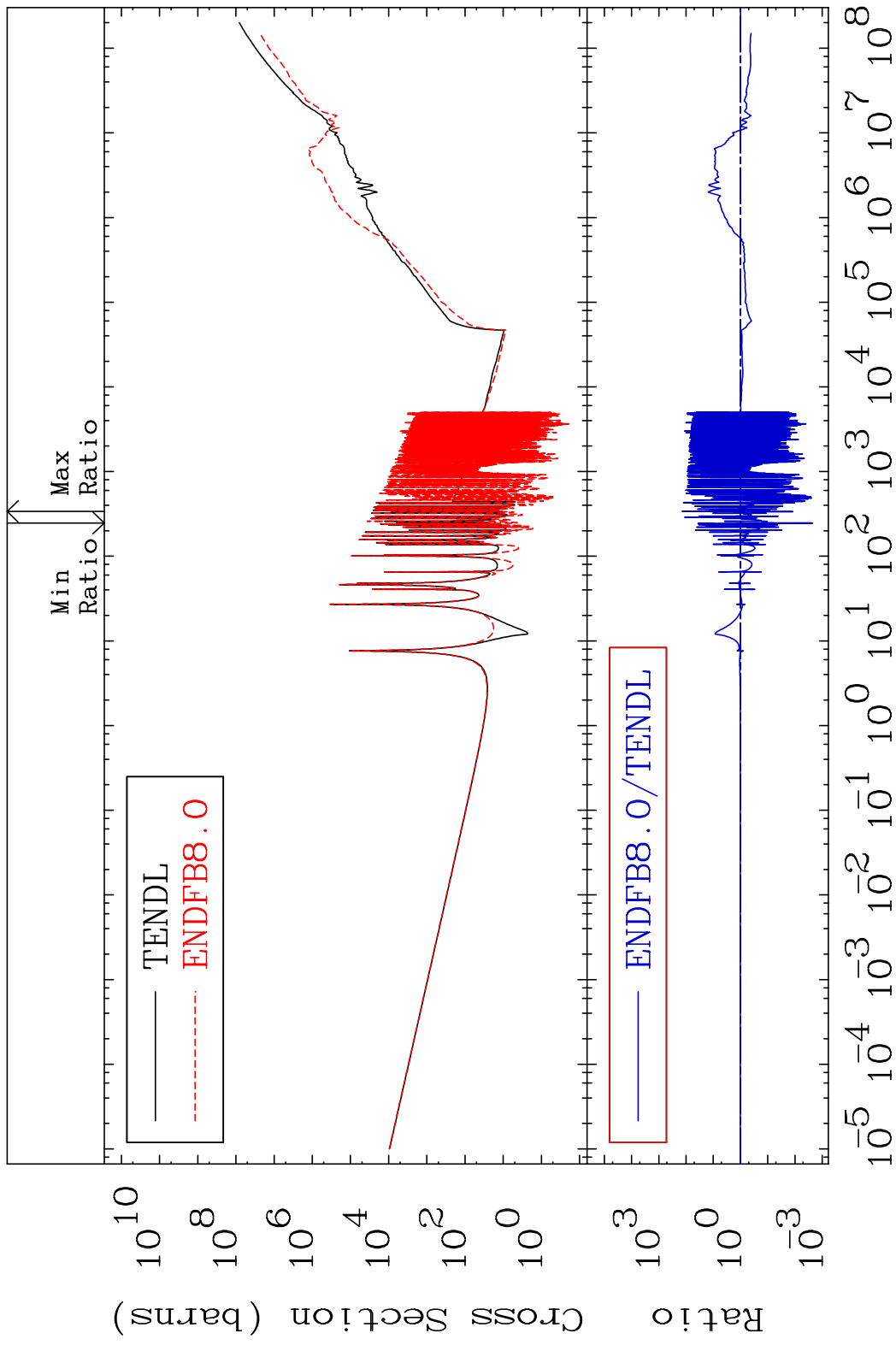


28

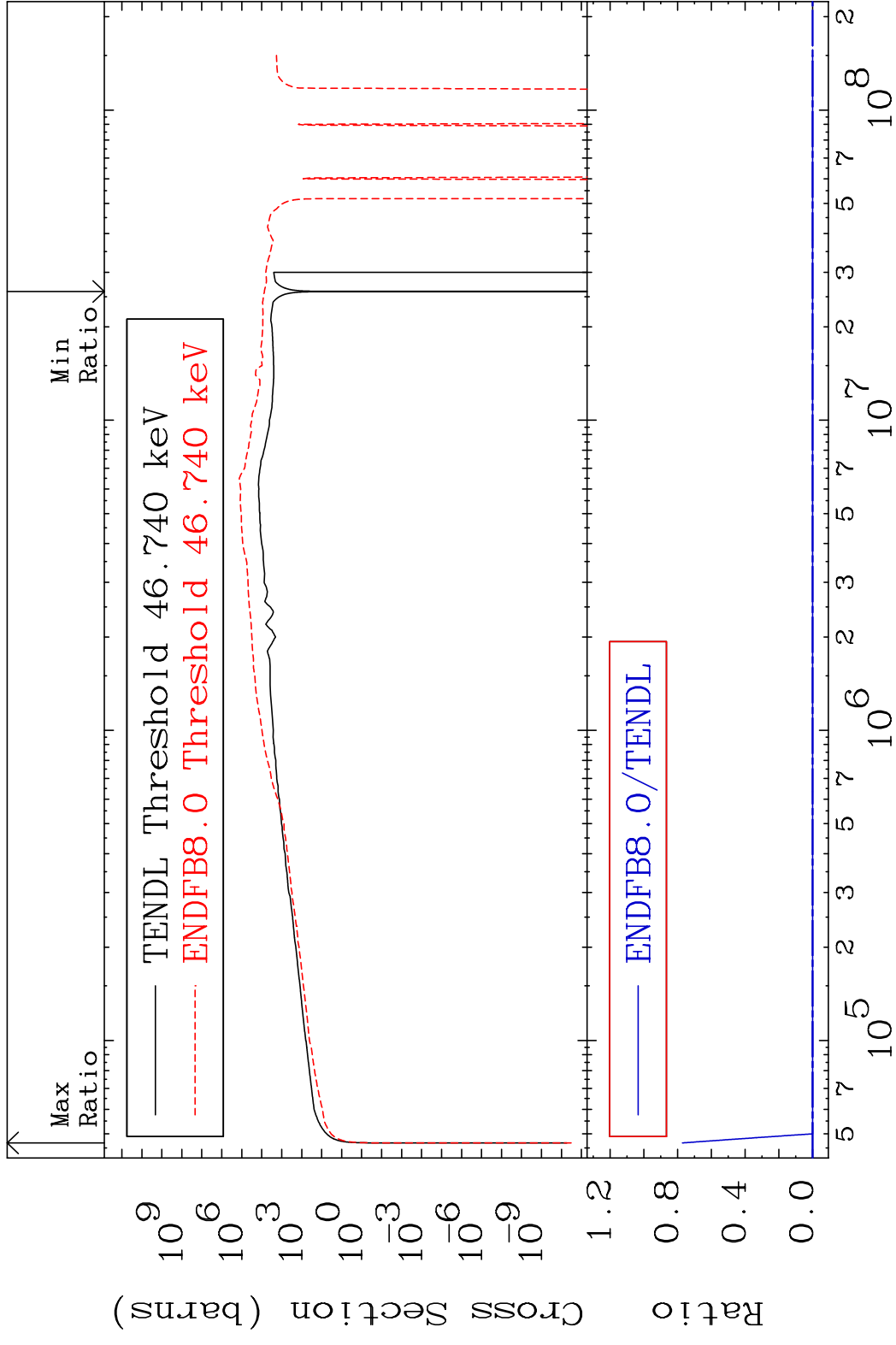
Incident Energy (eV)

74-W -183

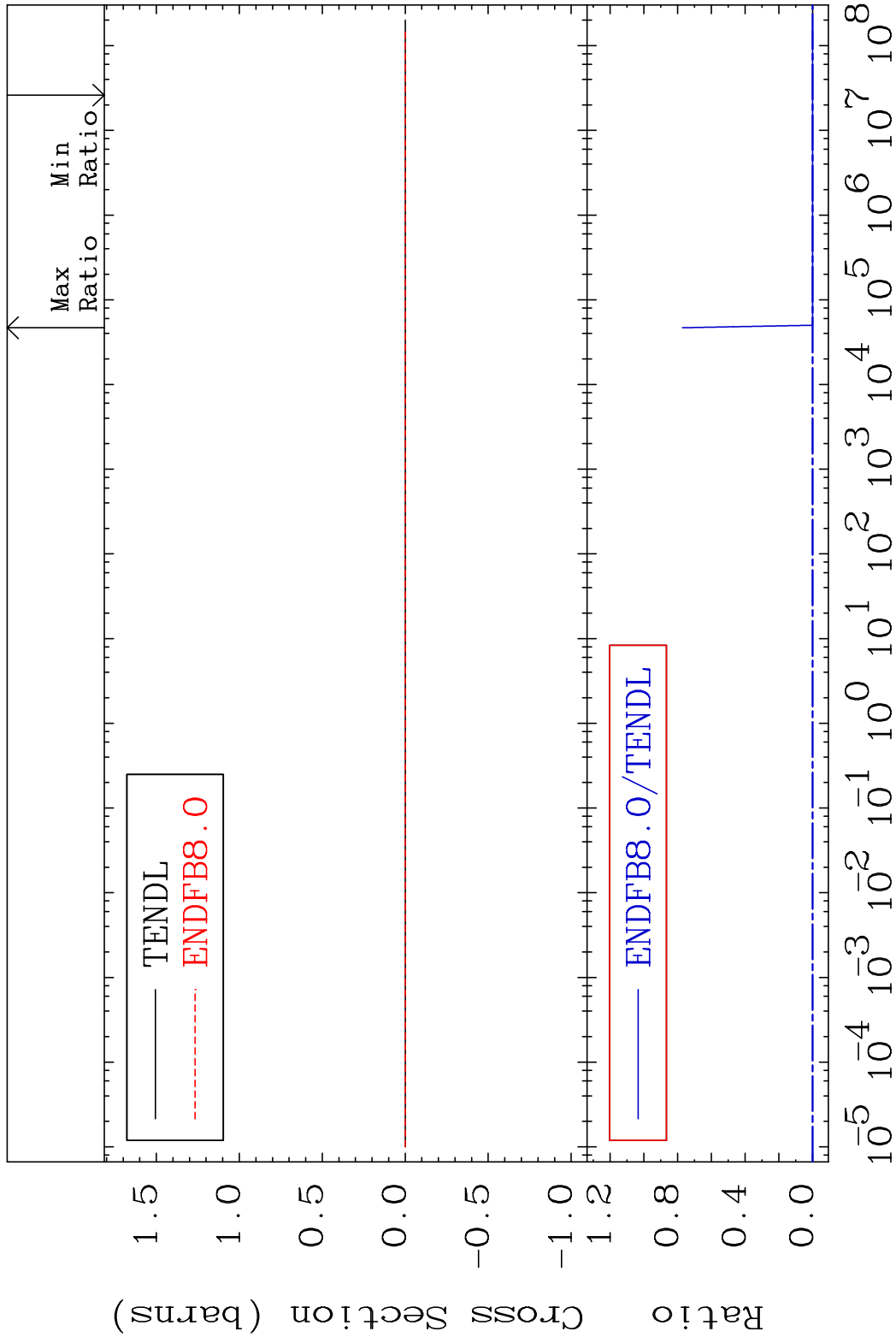
MAT 7434 Kerma non-elastic (all but mt2) 74-W -183
 Cross Section -99.77 To 9999. %



MAT 7434 Kerma inelastic (mt51-91) 74-W -183
 Cross Section -9999. To 9999. %

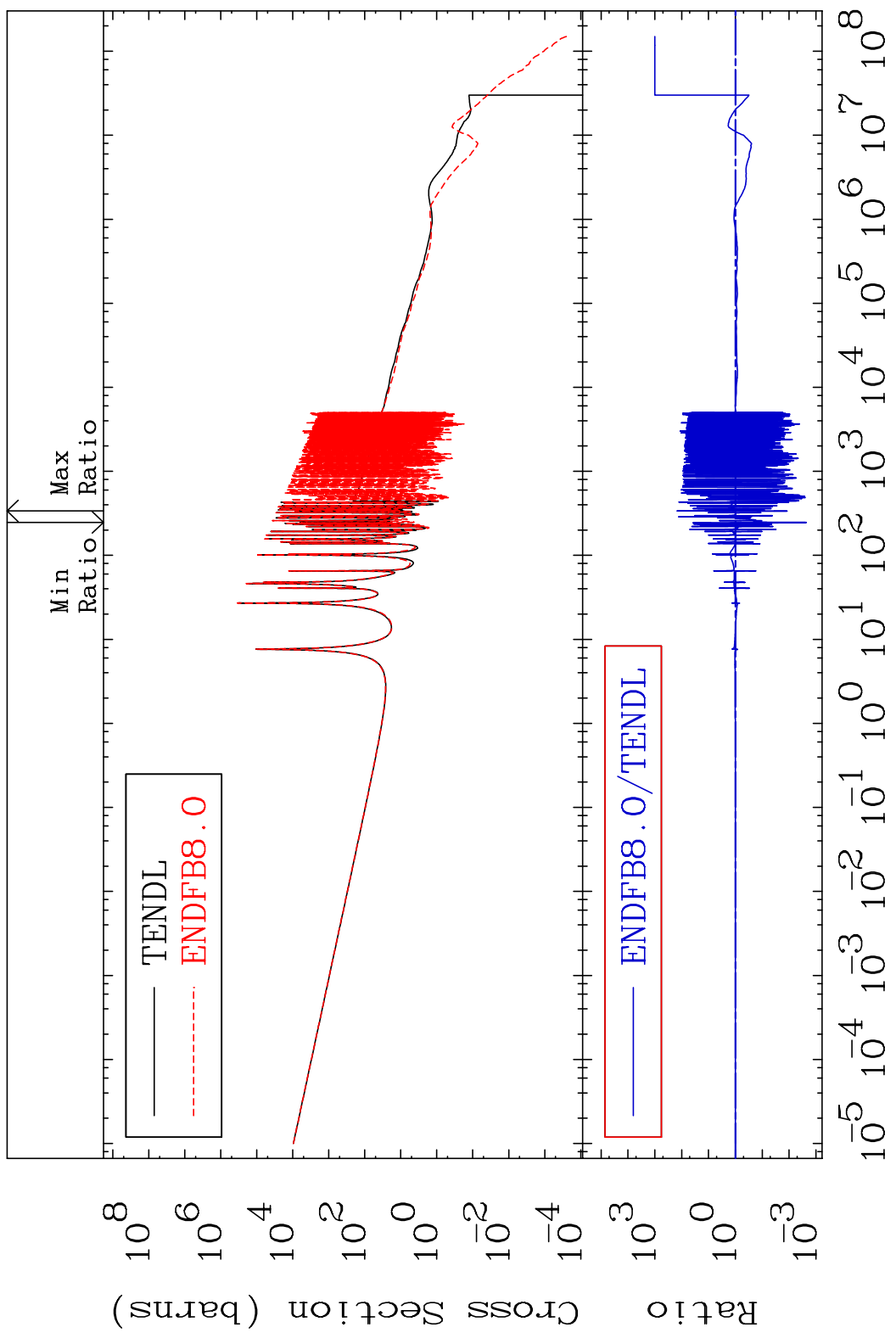


MAT 7434 Kerma fission (mt18 or mt19-20-21-38)74-W -183
 Cross Section -9999. To 9999. %

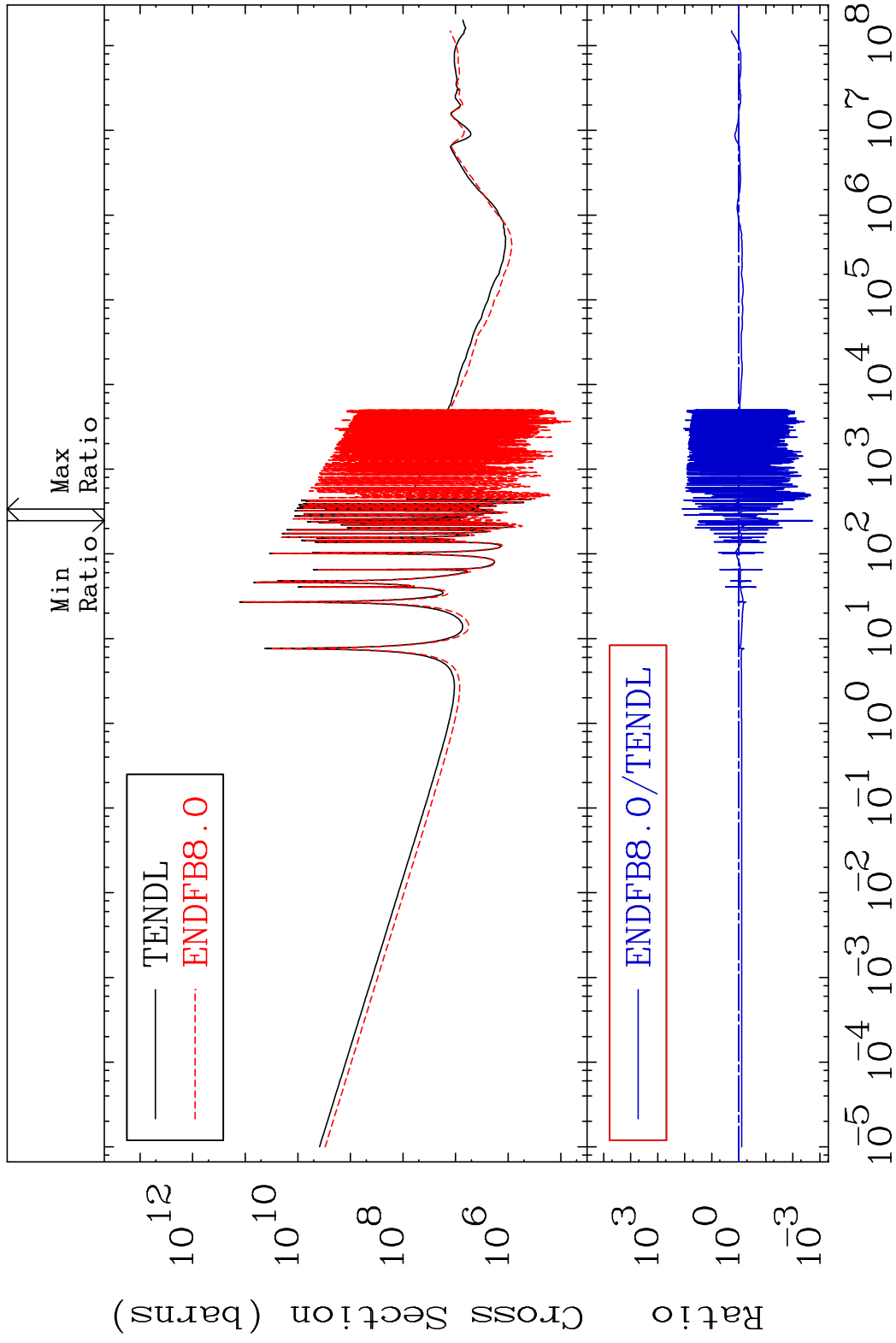


MAT 7434

Kerma capture (mt102) 74-W -183
Cross Section -99.77 To 9999. %

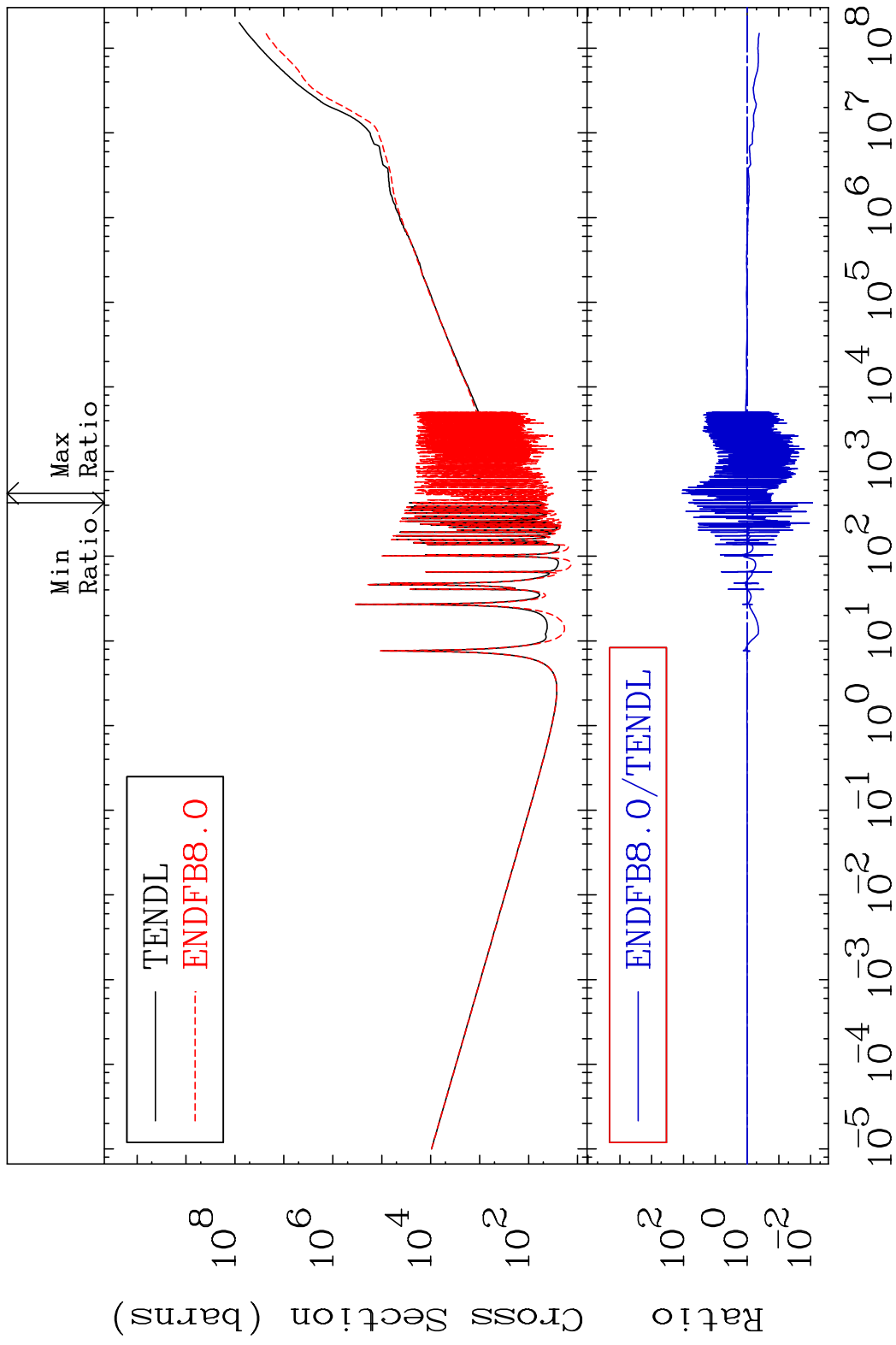


MAT 7434 Total photon (eV-barns) 74-W -183
 Cross Section -99.81 To 9999. %

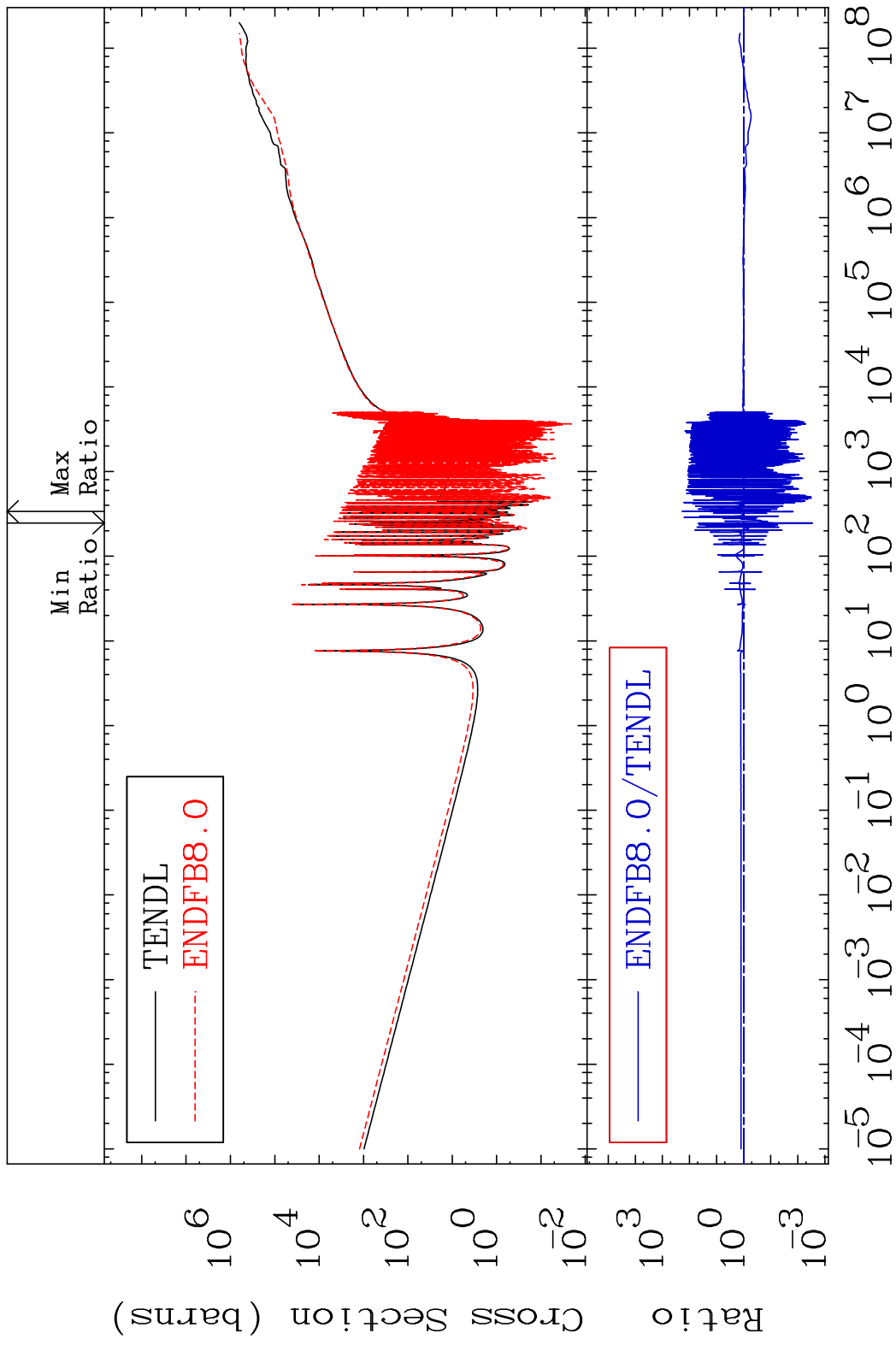


33 Incident Energy (eV) 74-W -183

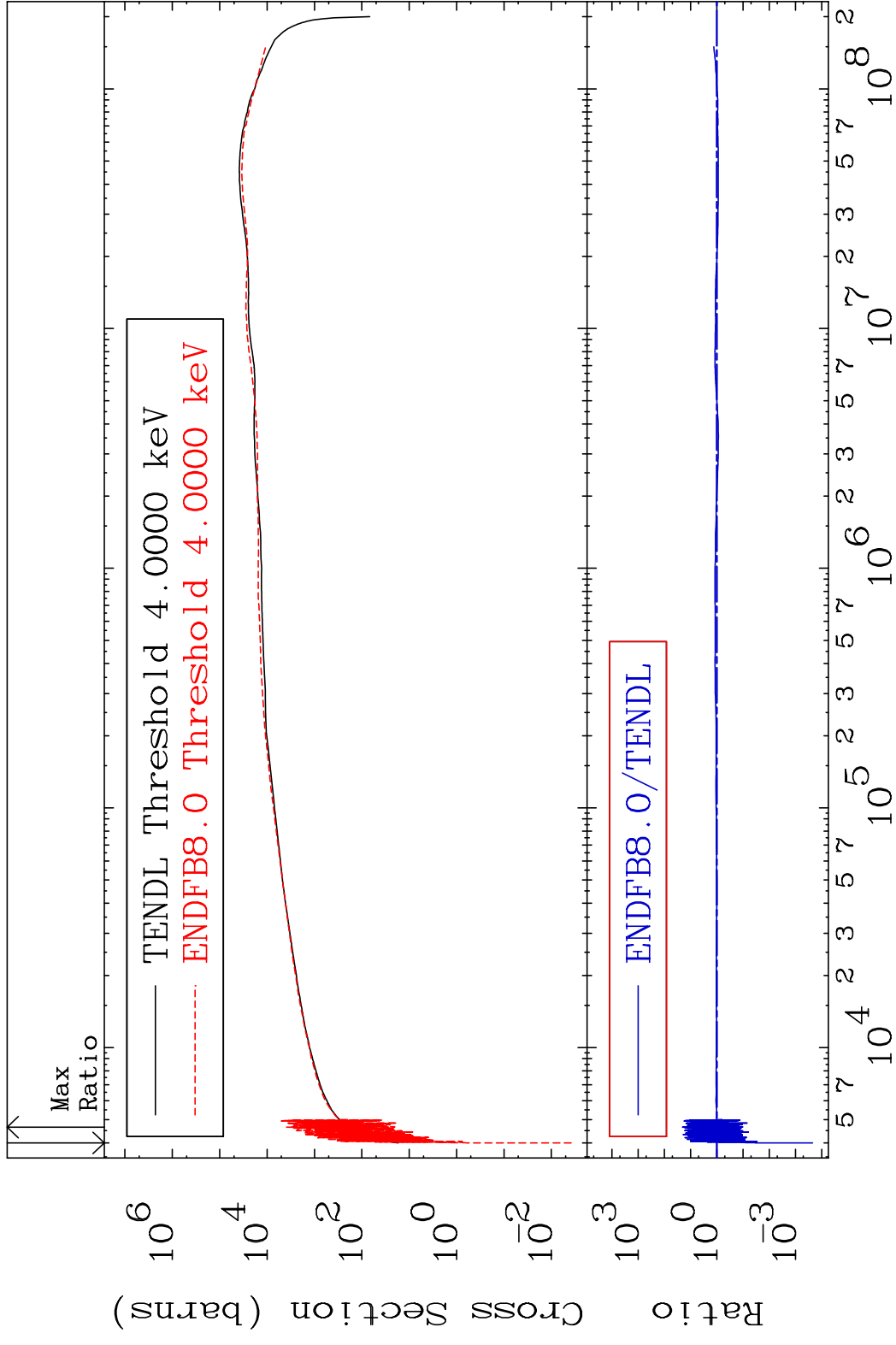
MAT 7434 Total kinematic kerma (high limit) 74-W -183
 Cross Section -99.13 To 9999. %



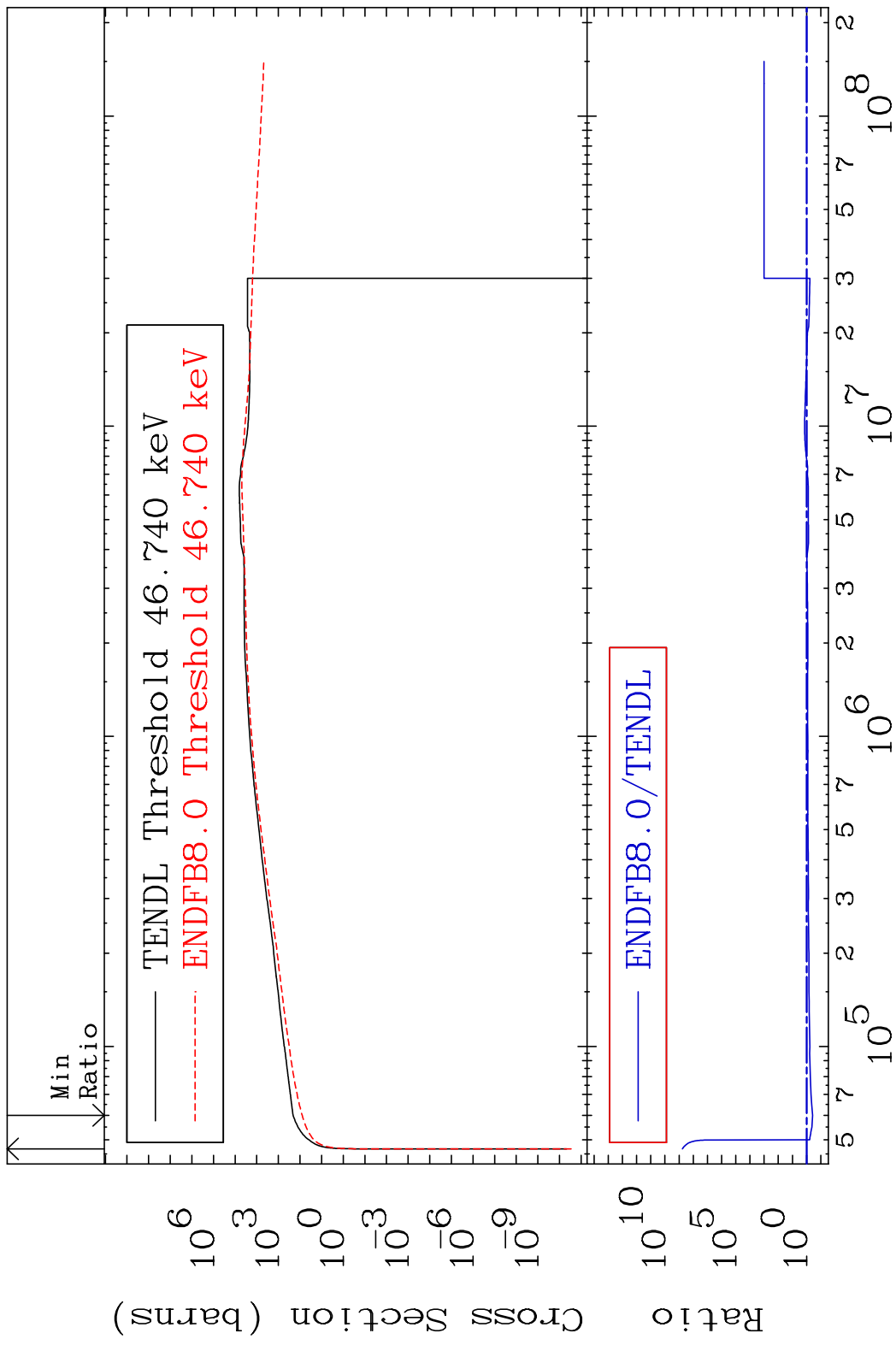
MAT 7434 Dpa total (eV-barns) 74-W -183
 Cross Section -99.71 To 9999. %



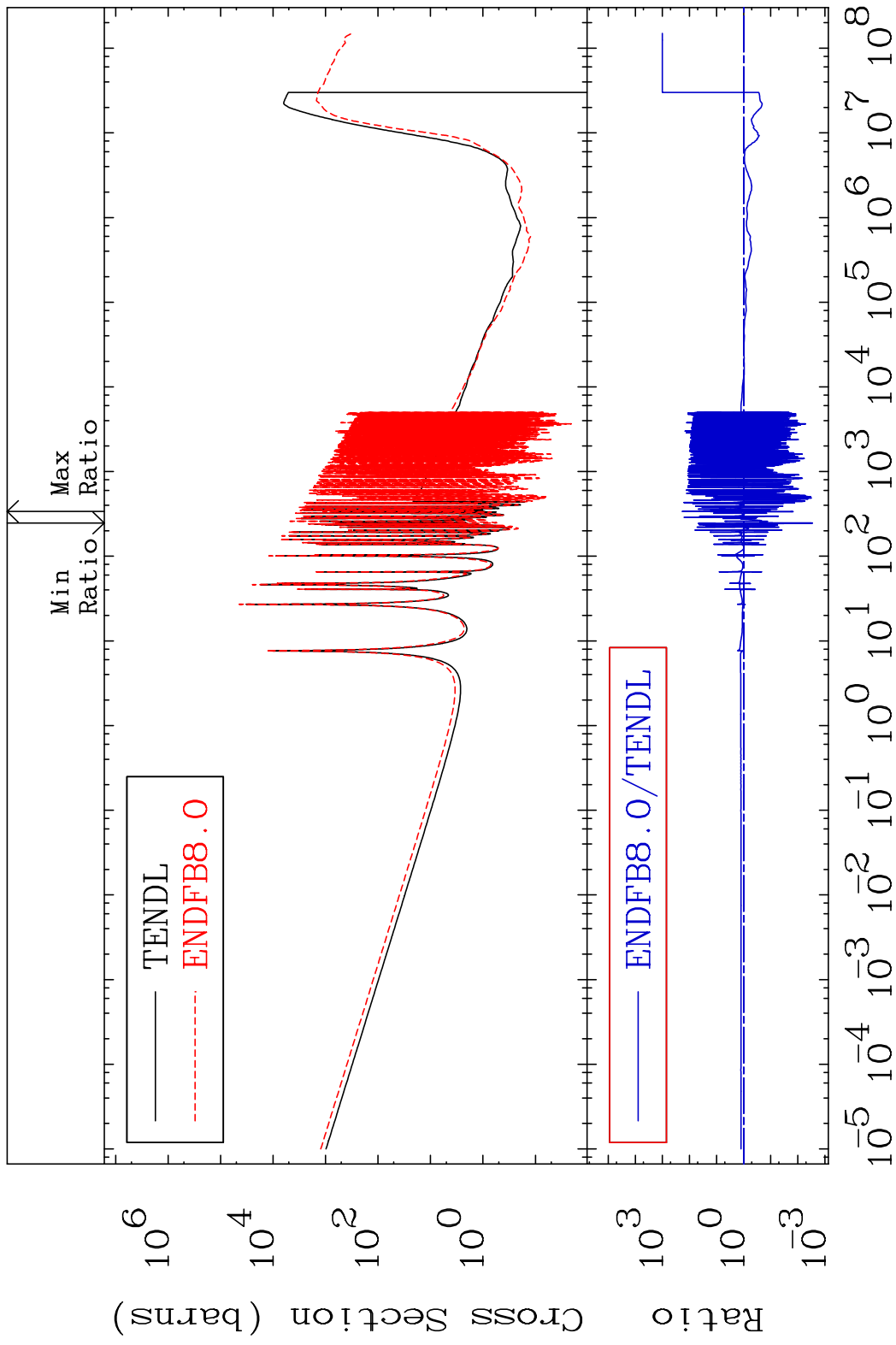
MAT 7434 Dpa elastic (mt2) 74-W -183
 Cross Section -99.98 To 1960. %



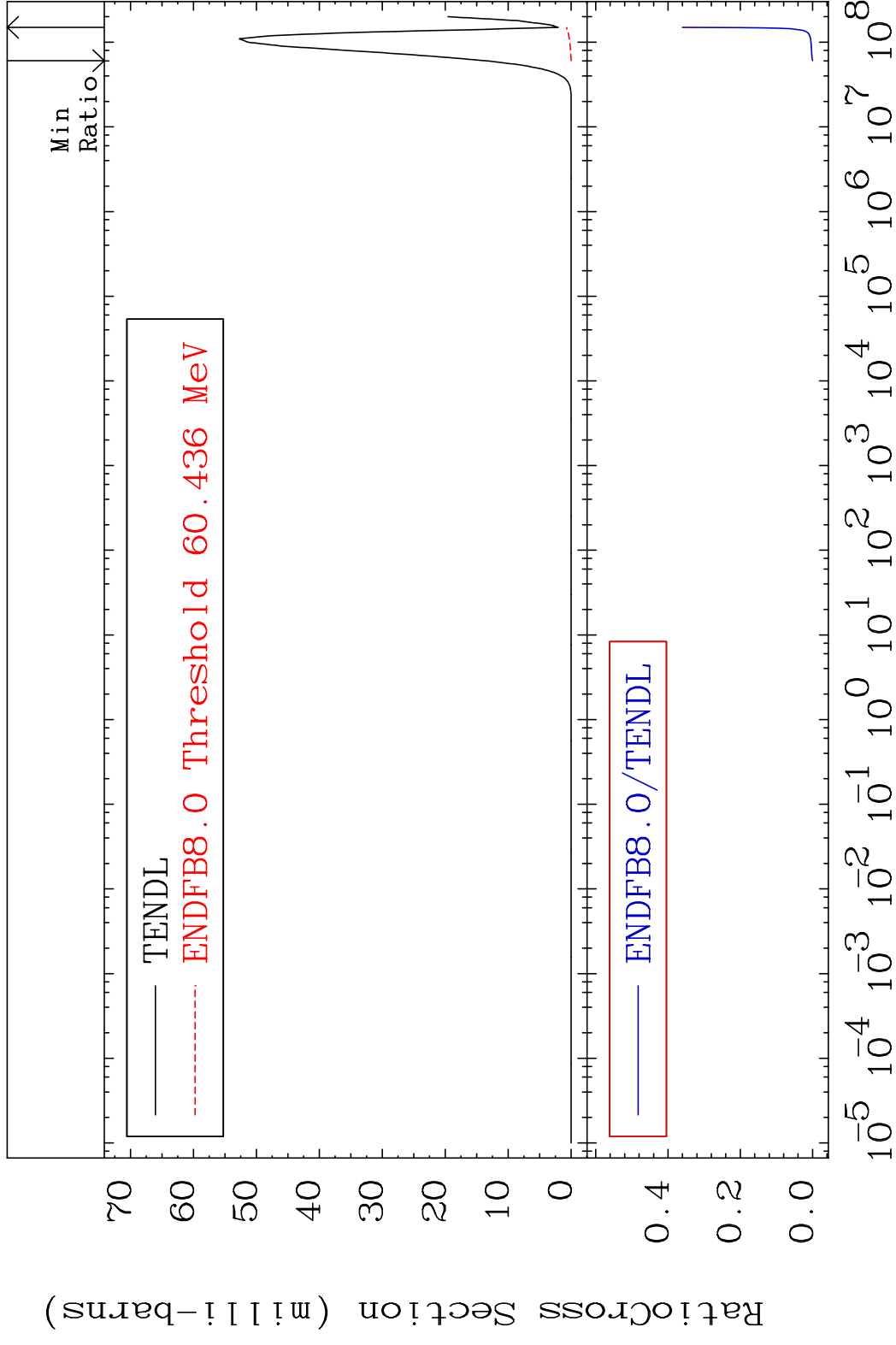
MAT 7434 Dpa inelastic (mt51-91) 74-W -183
 Cross Section -62.07 To 9999. %



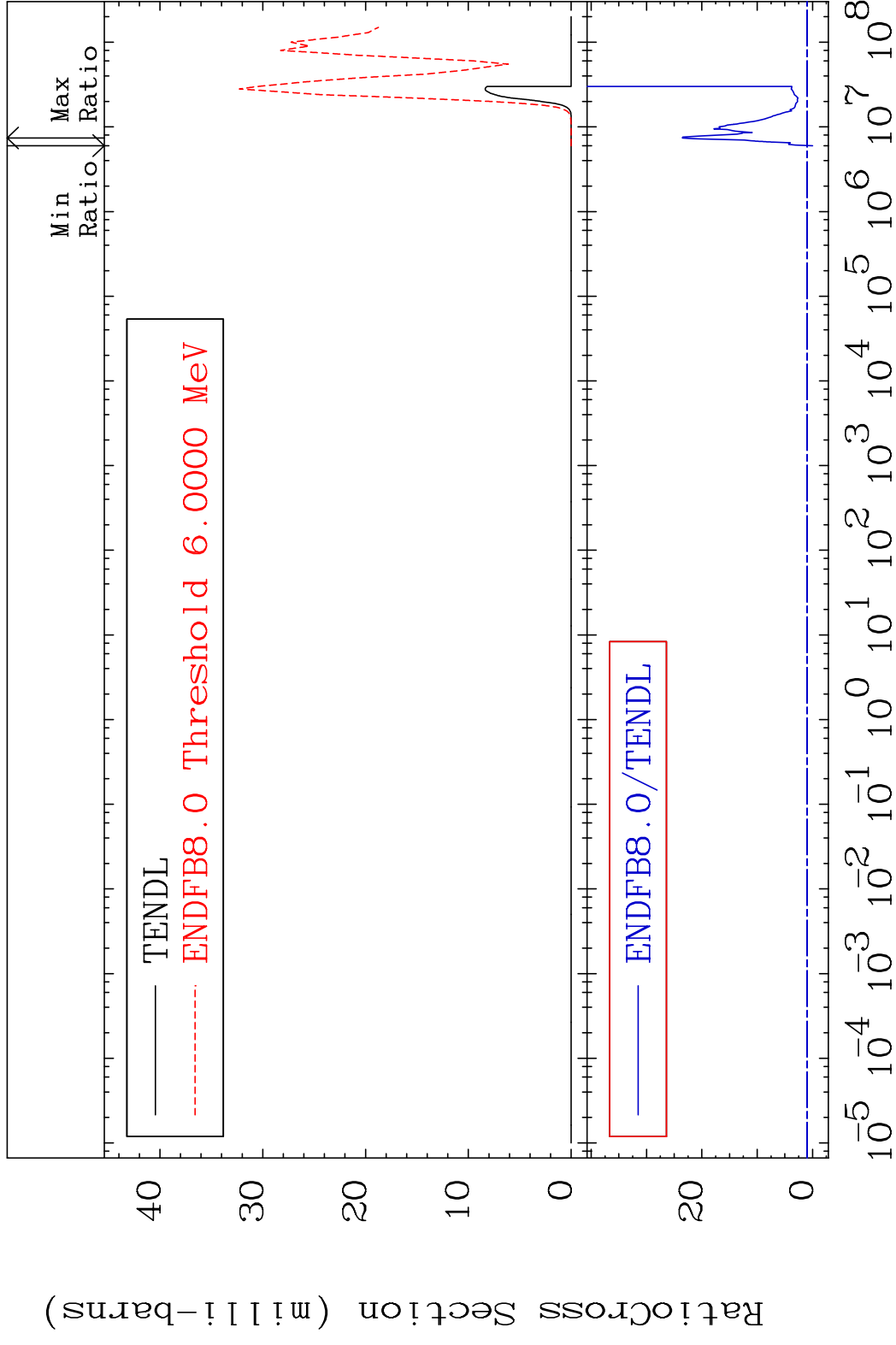
MAT 7434 Dpa disappearance (mt102 -120) 74-W -183
 Cross Section -99.71 To 9999. %



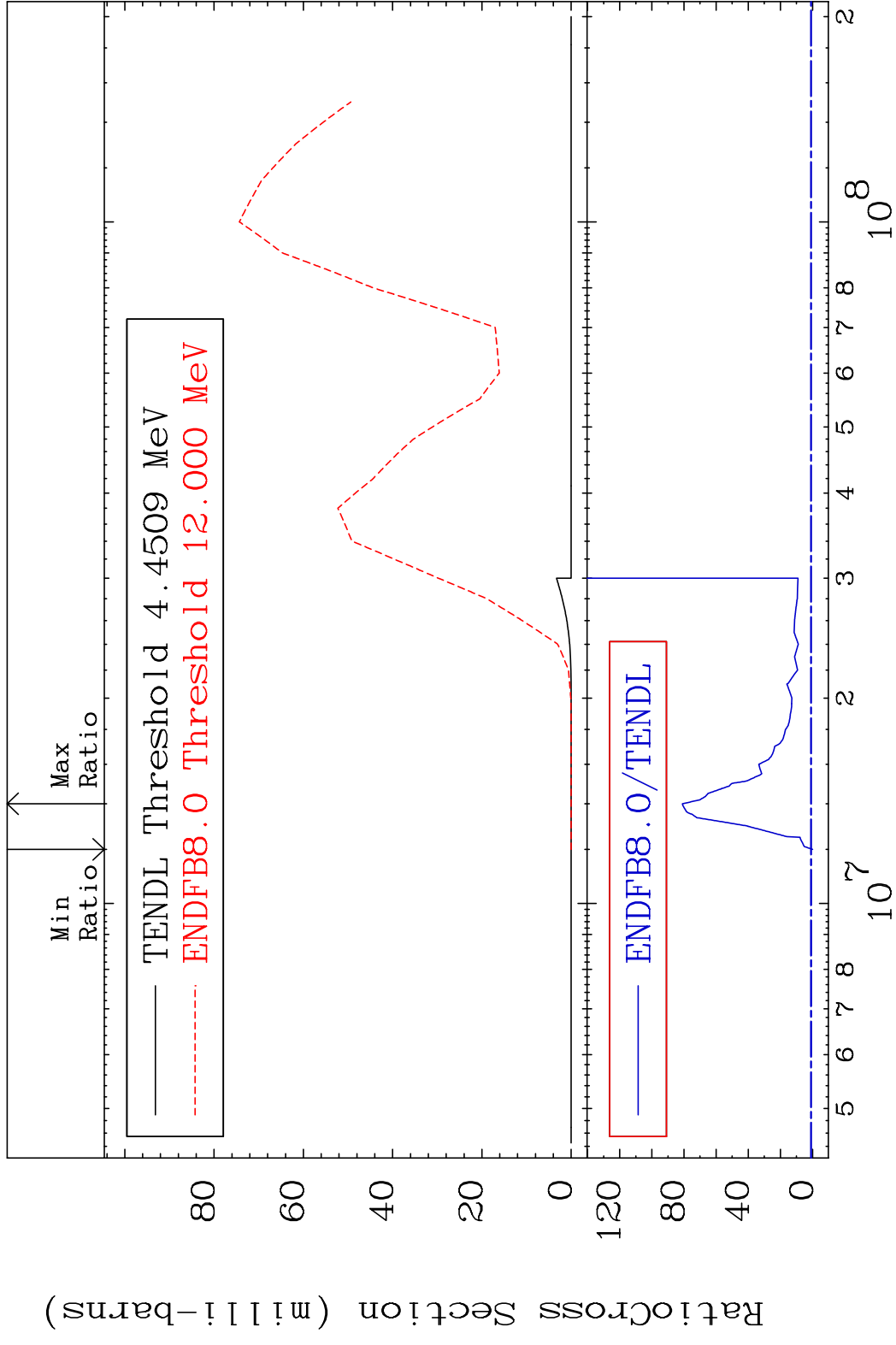
MAT 7434 Fission:0-??-Nat 74-W -183
 Radionuclide Production Cross Section Ratio -63.97%

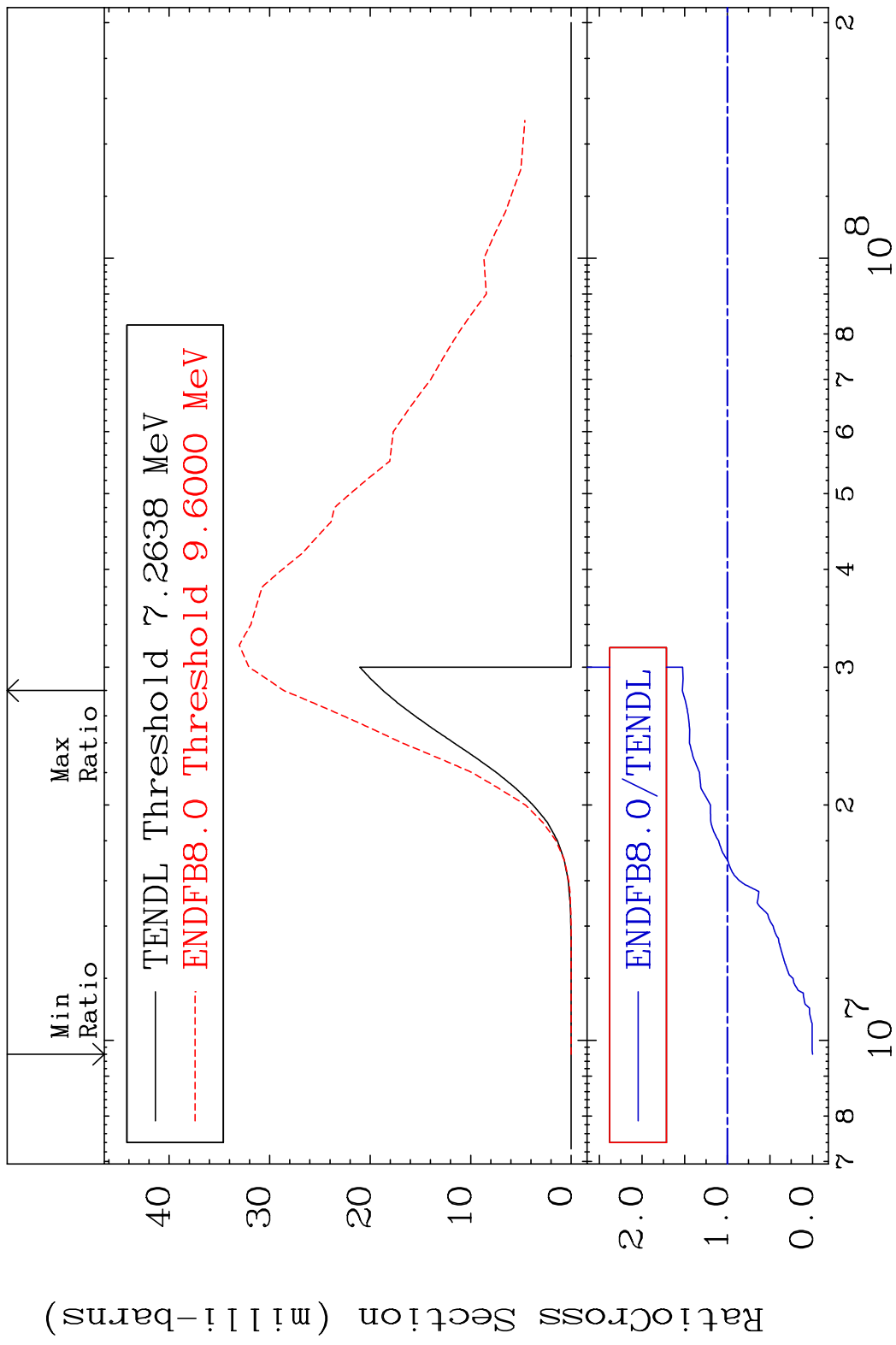


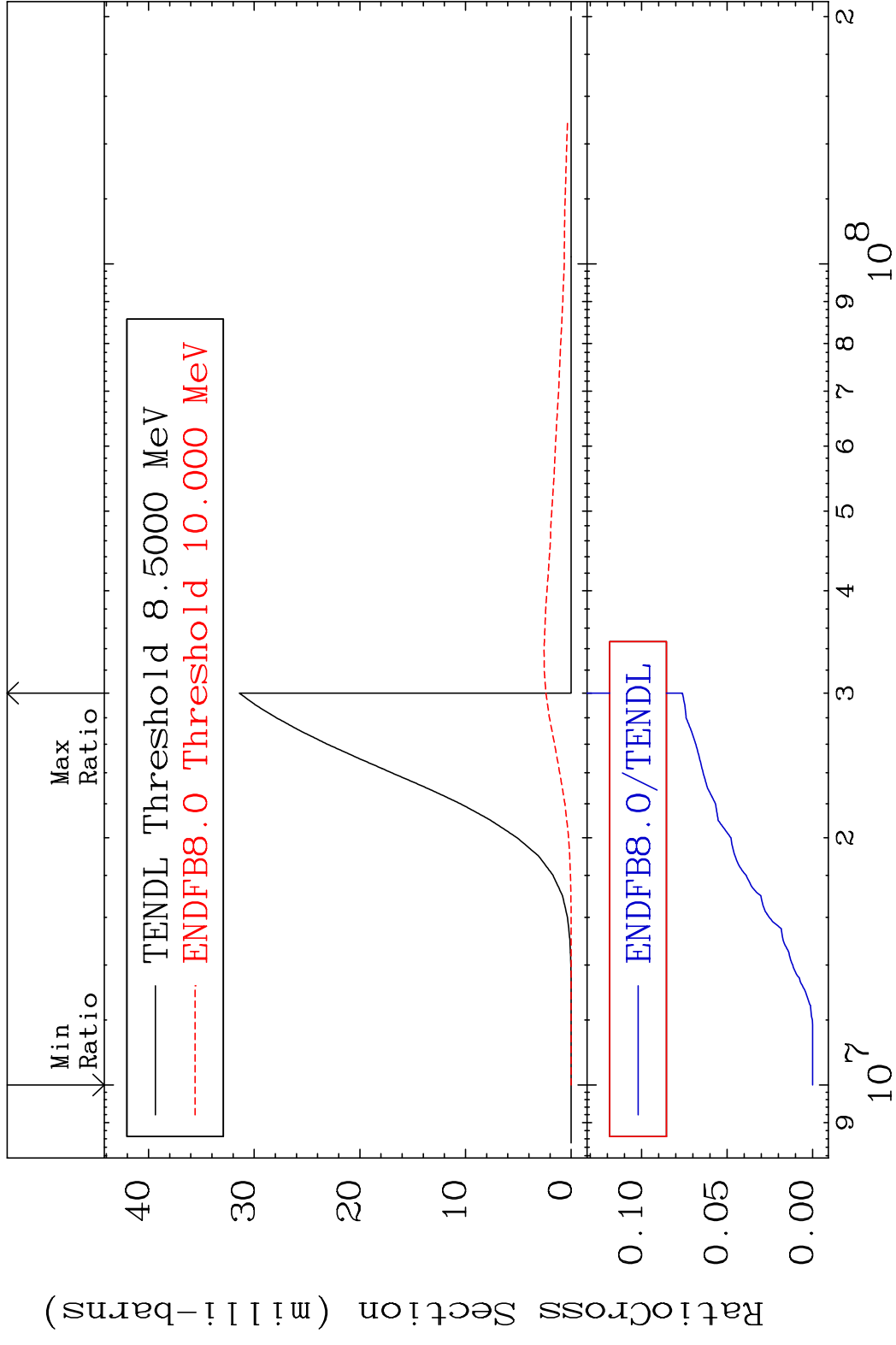
MAT 7434 (n, n') α :72-Hf-179g 74-W -183
 Radionuclide Production Cross Section 1800.0 dth 2252. %



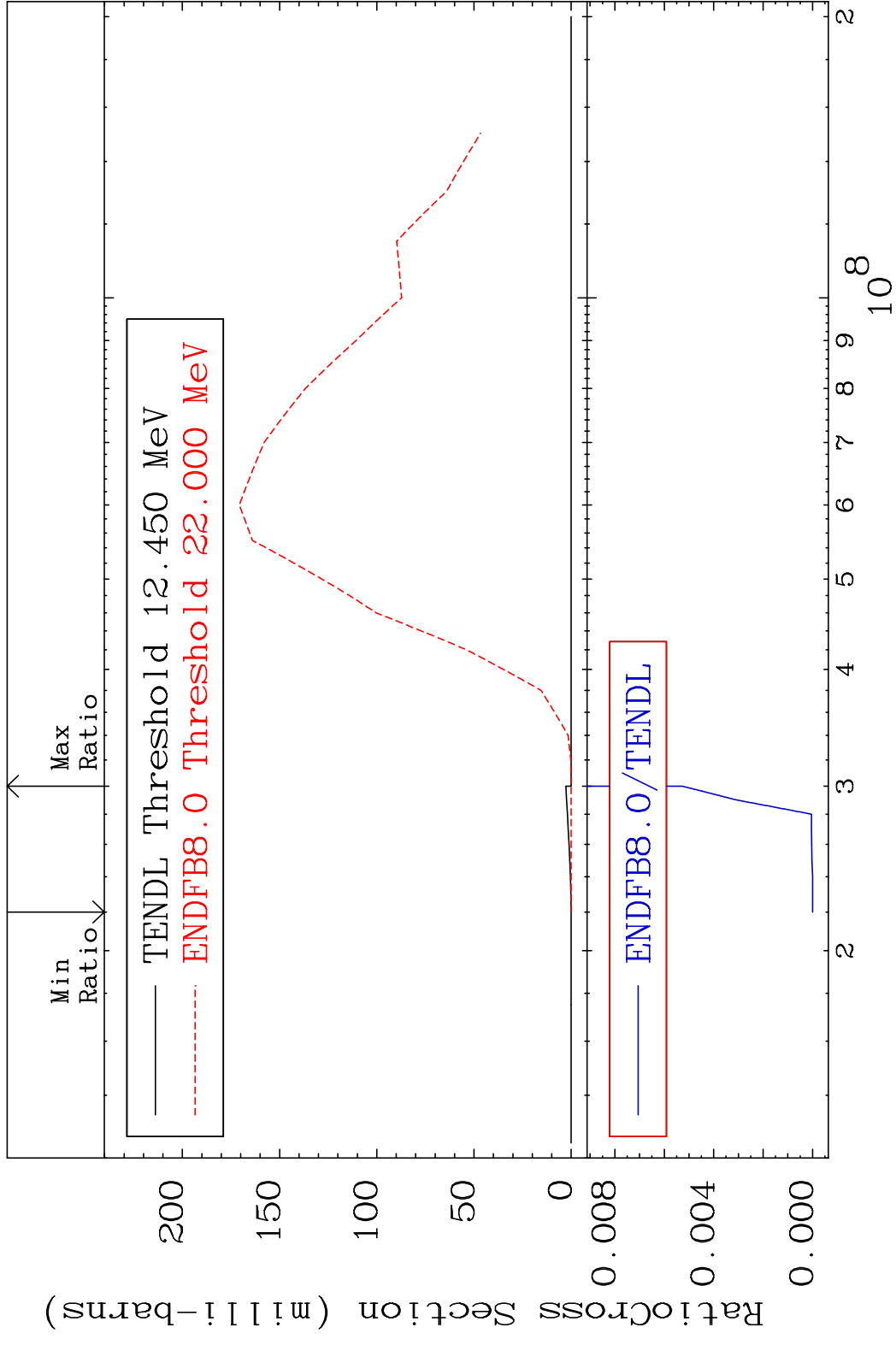
40 Incident Energy (eV) 74-W -183

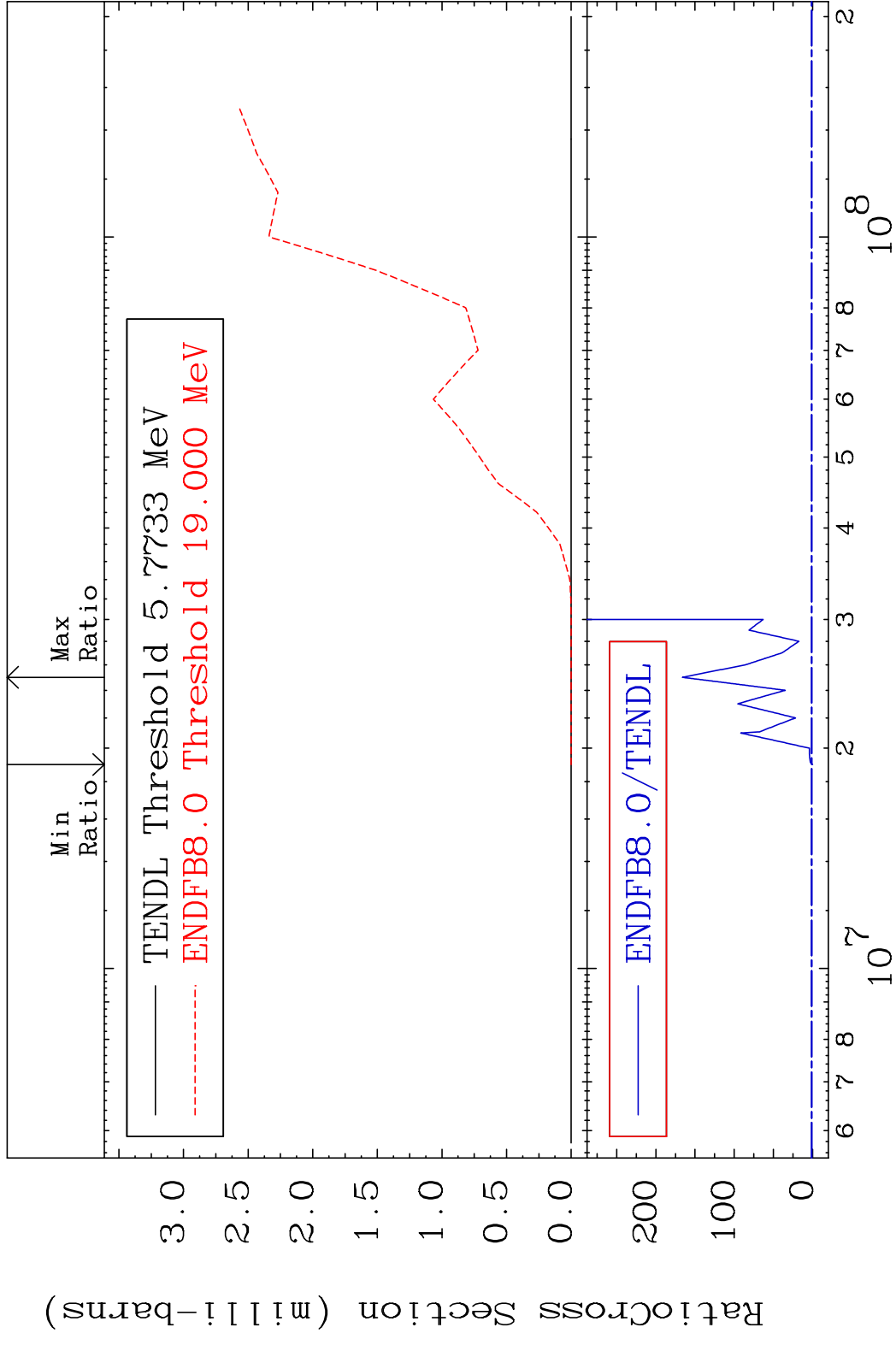






MAT 7434 (n, n') t:73-Ta-180g 74-W -183
 Radionuclide Production Cross Section Ratio -99.47%





MAT 7434 (n,α):72-Hf-180g 74-W -183
 Radionuclide Production Cross Section Ratio 2293. %

