

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

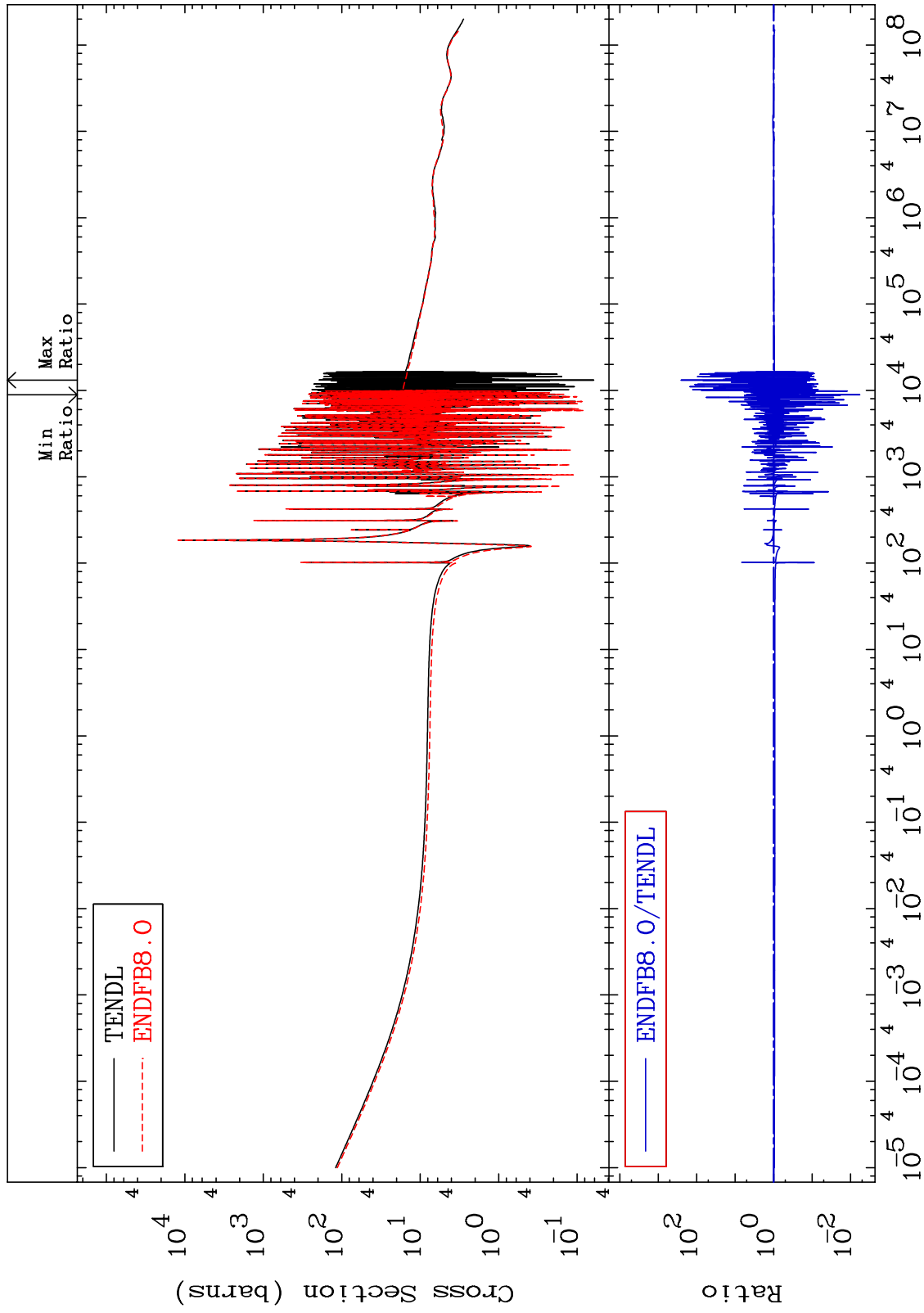
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7437

Total
Cross Section

74-W -184
-99.42 To 9999. %



1

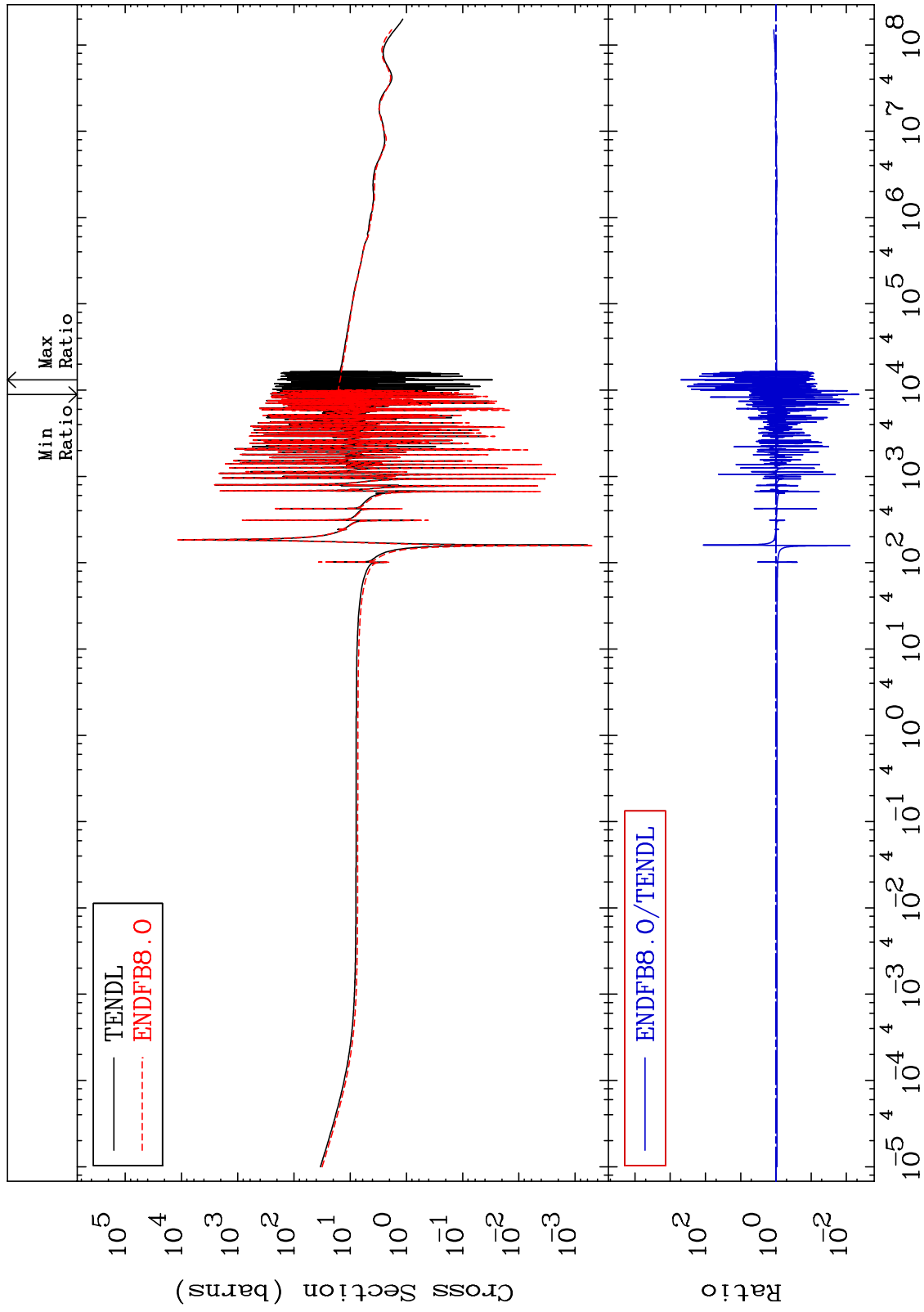
Incident Energy (eV)

74-W -184

MAT 7437

Elastic
Cross Section

74-W -184
-99.56 To 9999. %

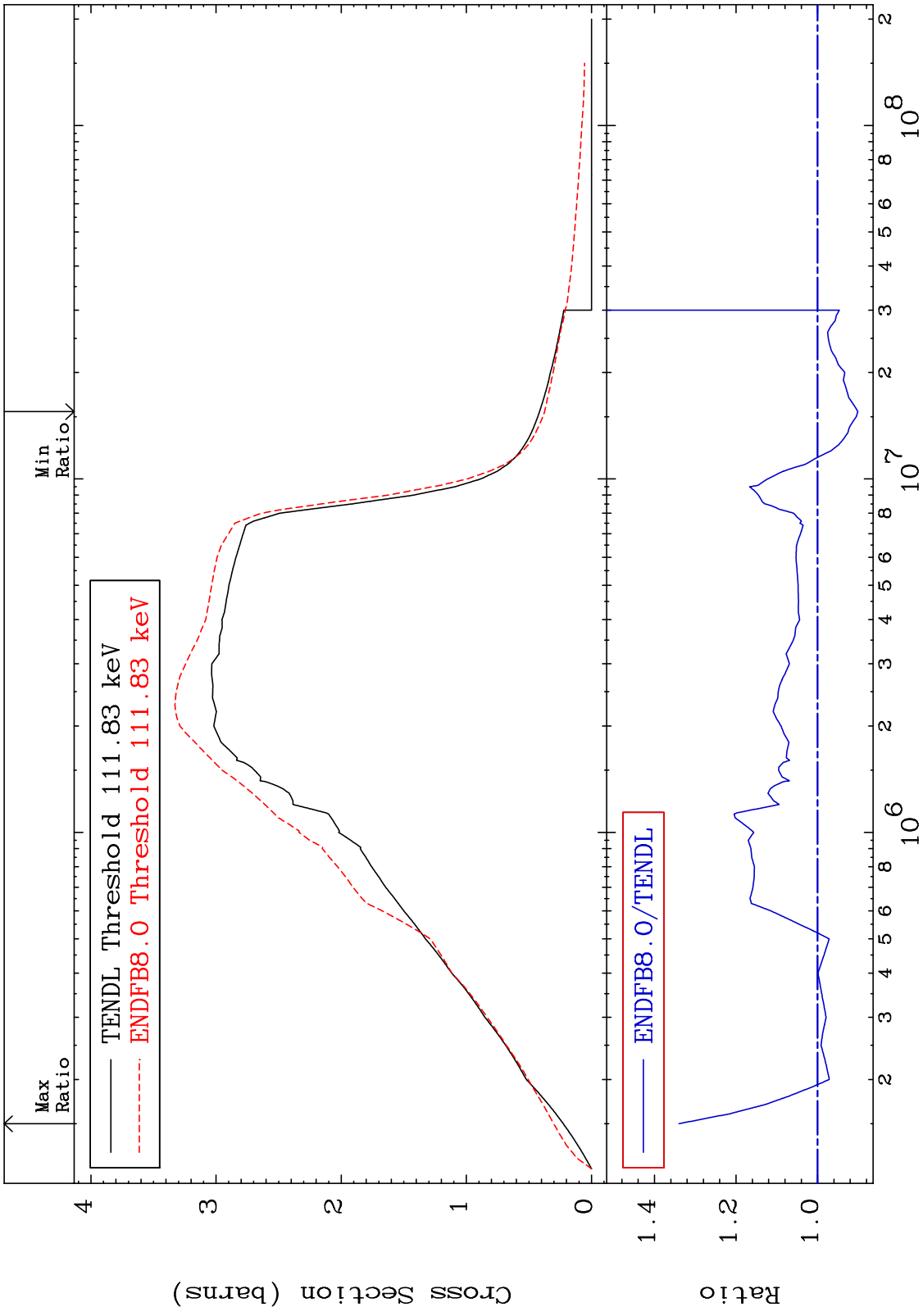


2

Incident Energy (eV)

74-W -184

MAT 7437 Inelastic Cross Section 74-W -184 -9.861 To 33.98 %

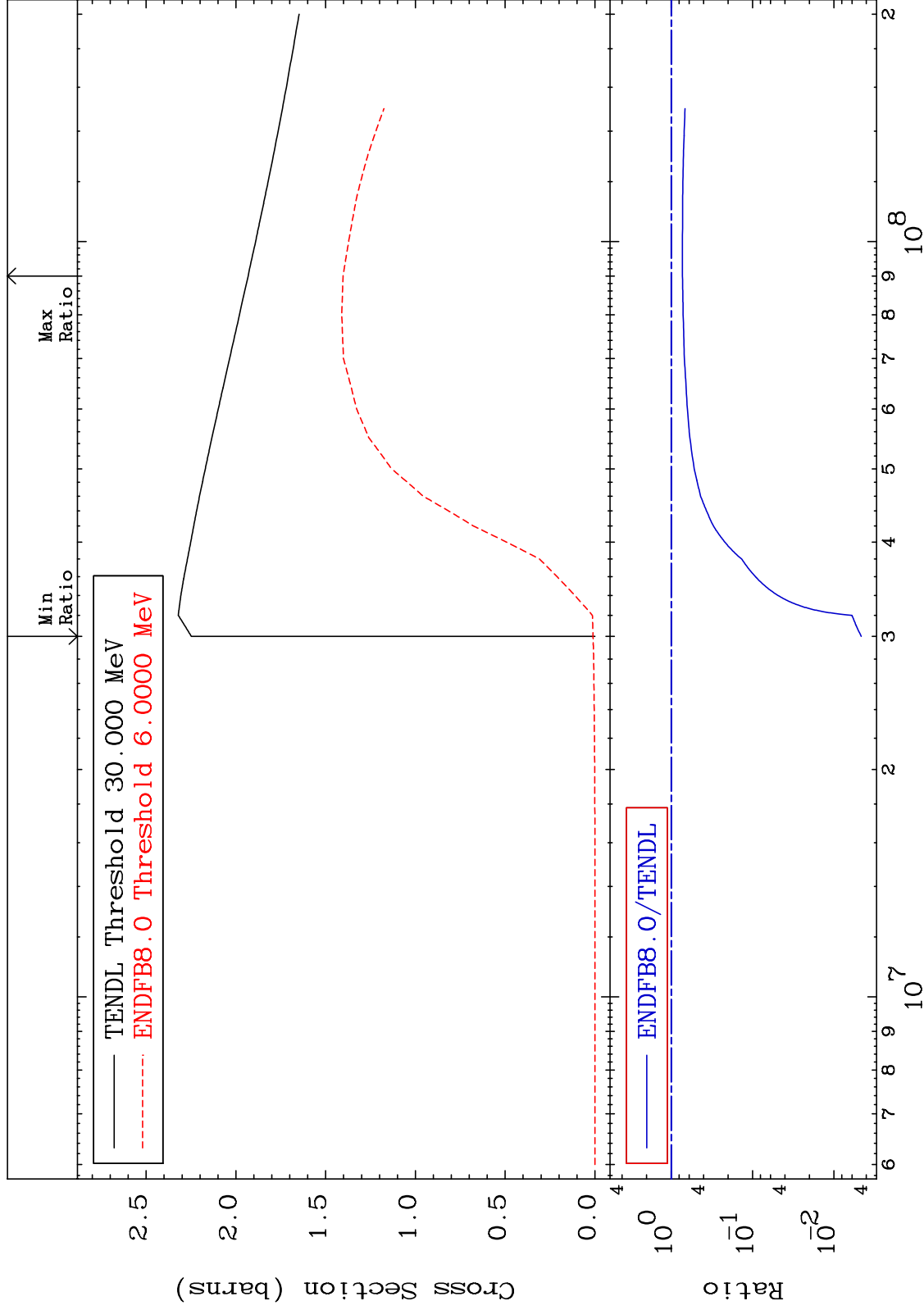


3 74-W -184

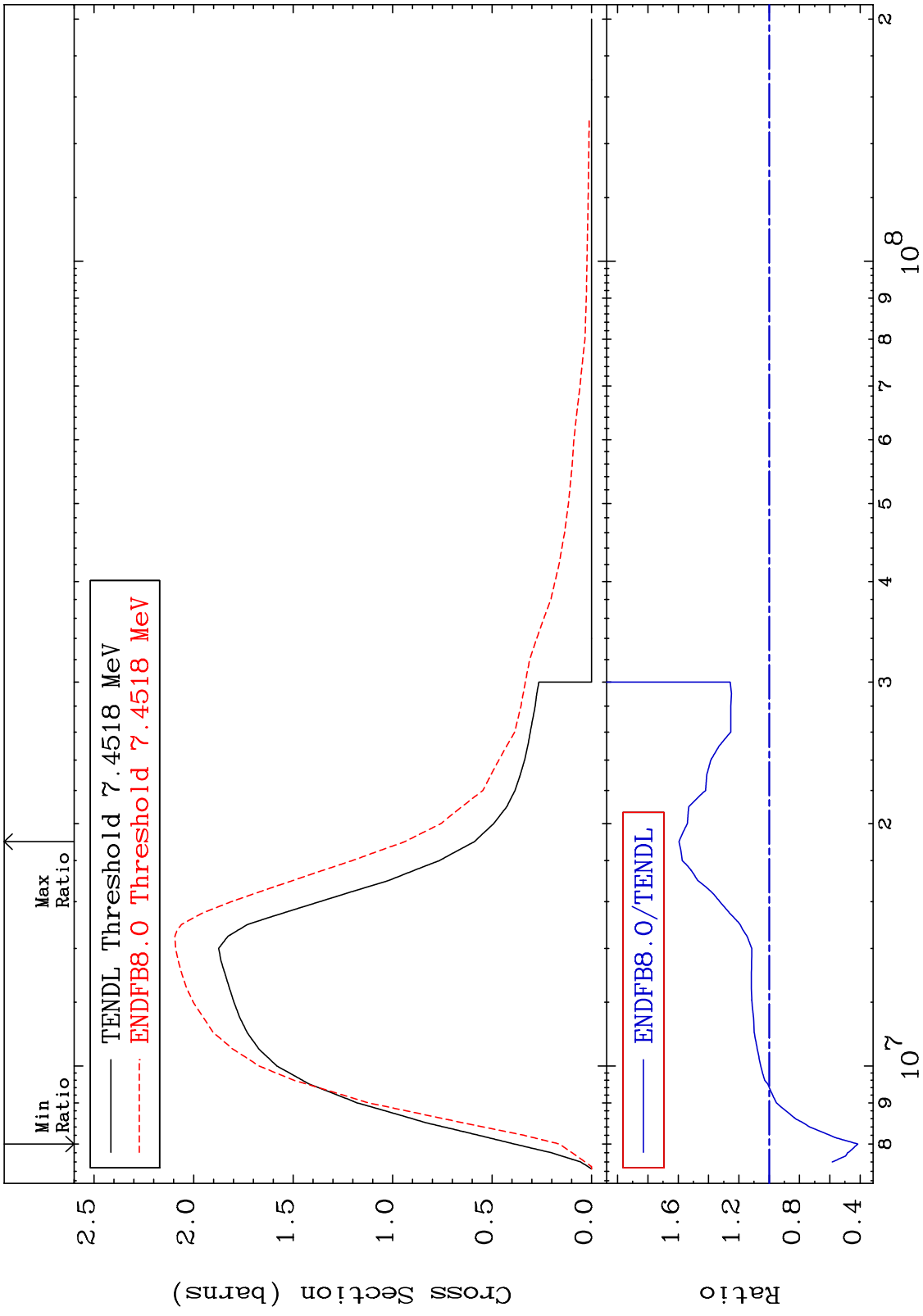
MAT 7437

(n, remainder)
Cross Section

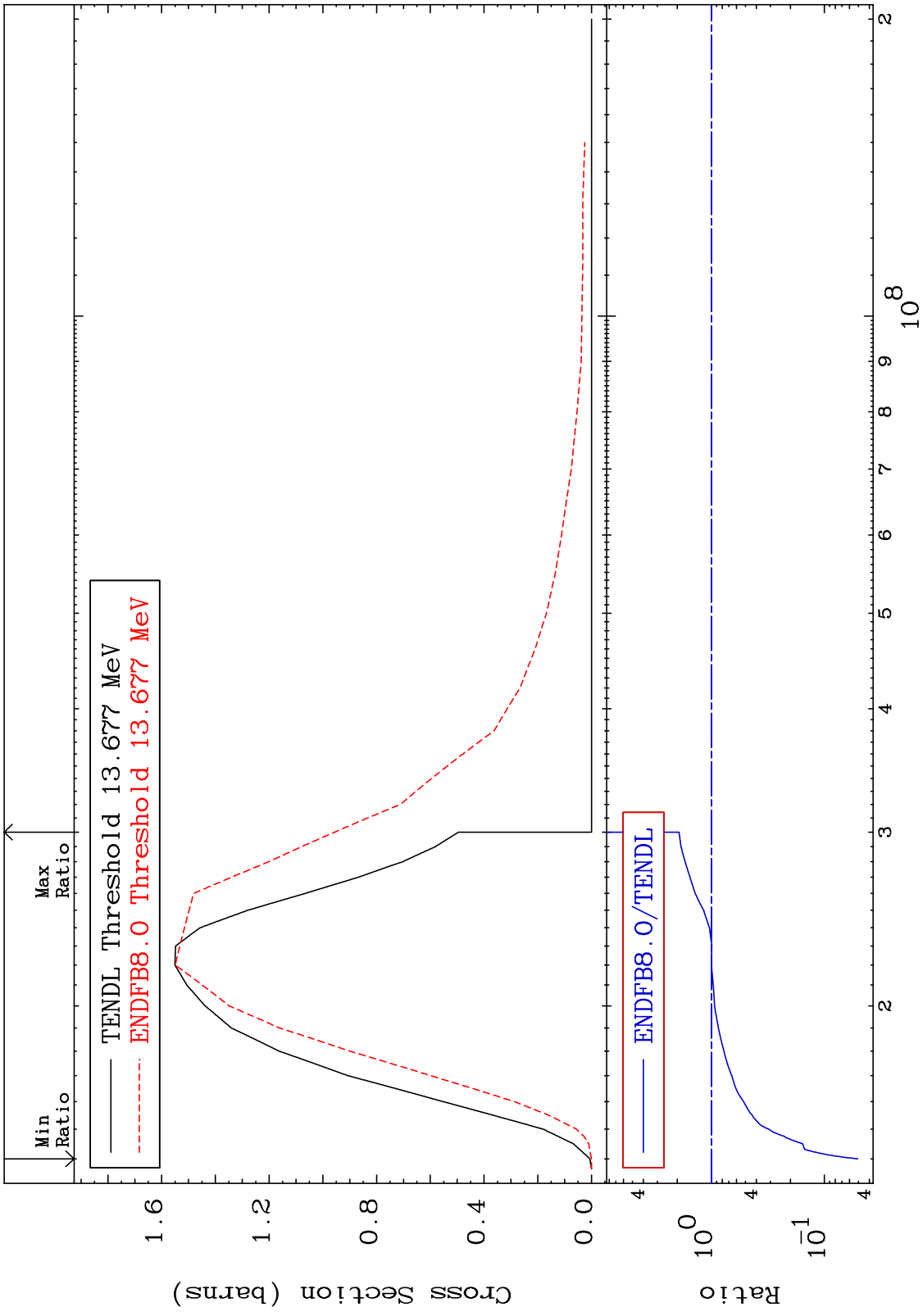
74-W -184
-99.54 To -27.39%



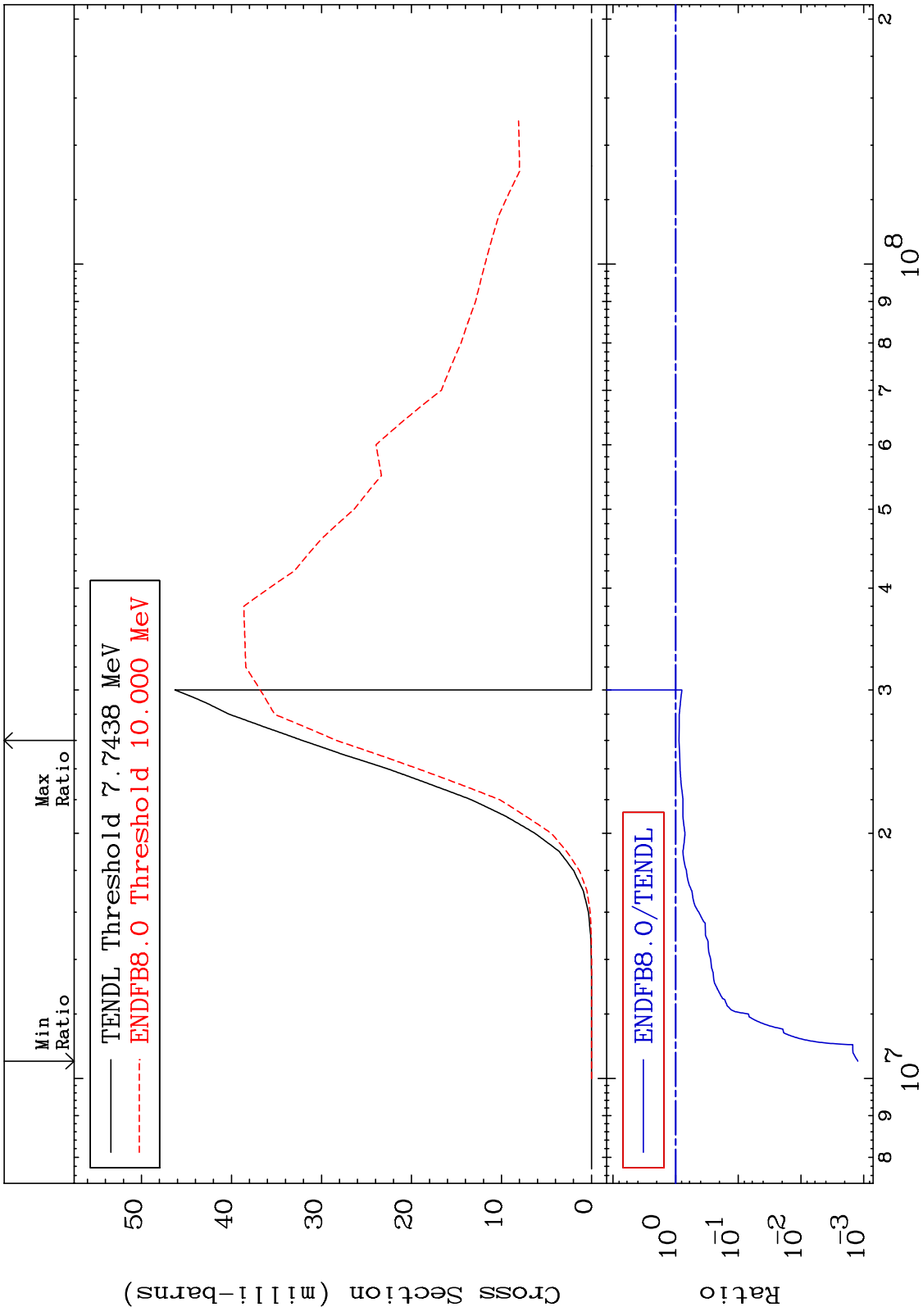
MAT 7437 (n,2n) Cross Section 74-W -184 -58.47 To 59.46 %



5 74-W -184

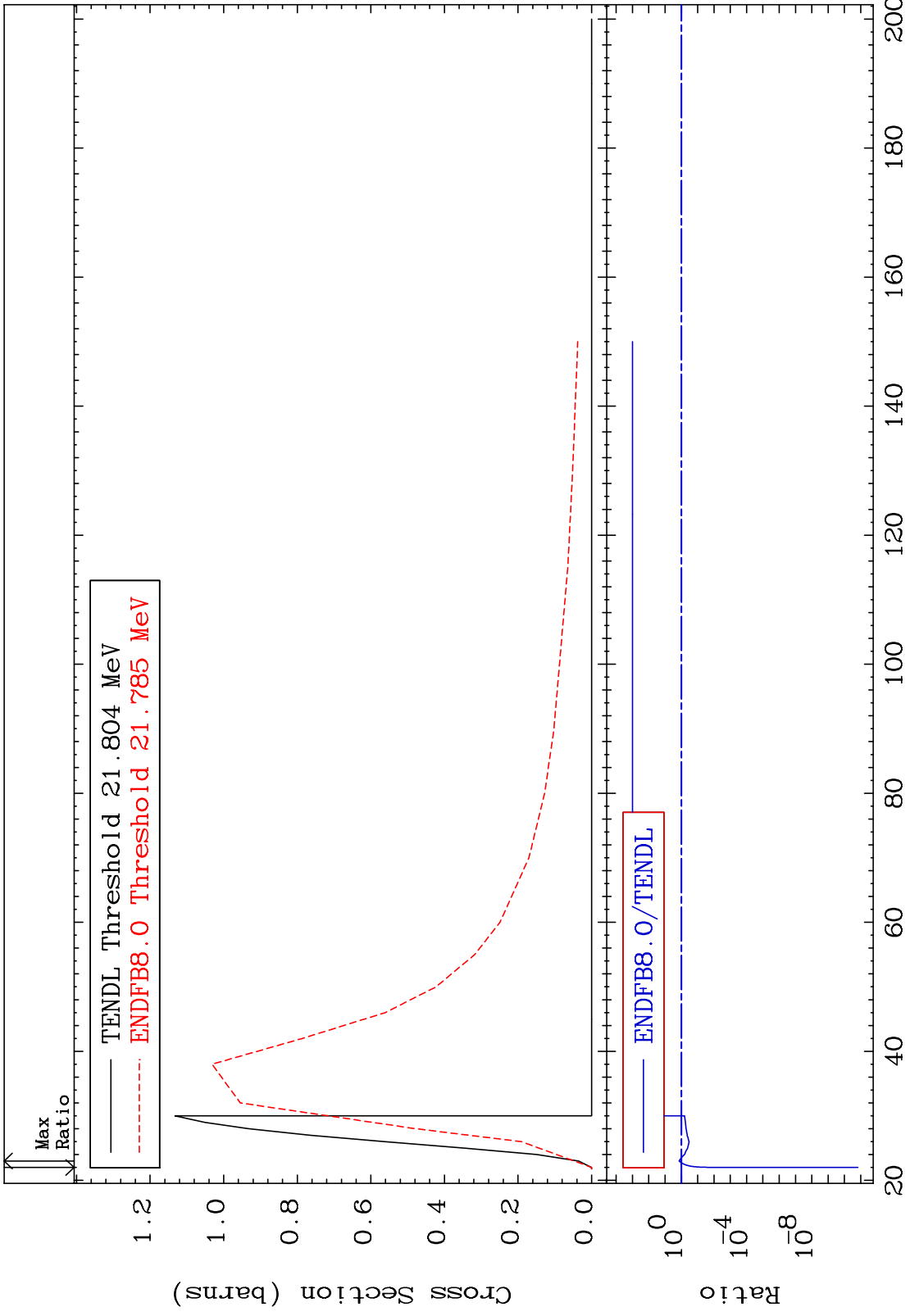


MAT 7437 (n,n') p Cross Section 74-W -184 -99.88 To -11.81%

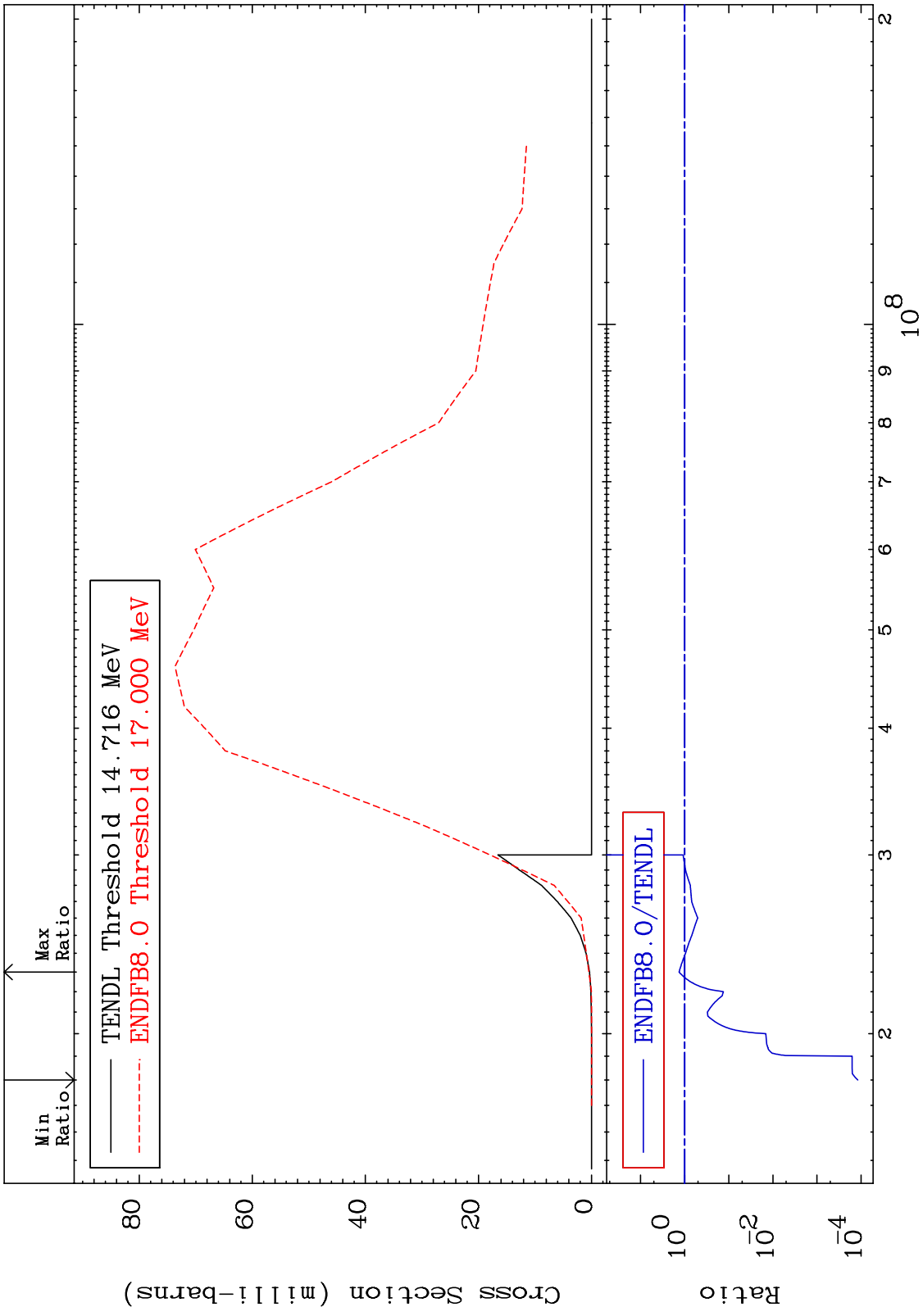


74-W -184

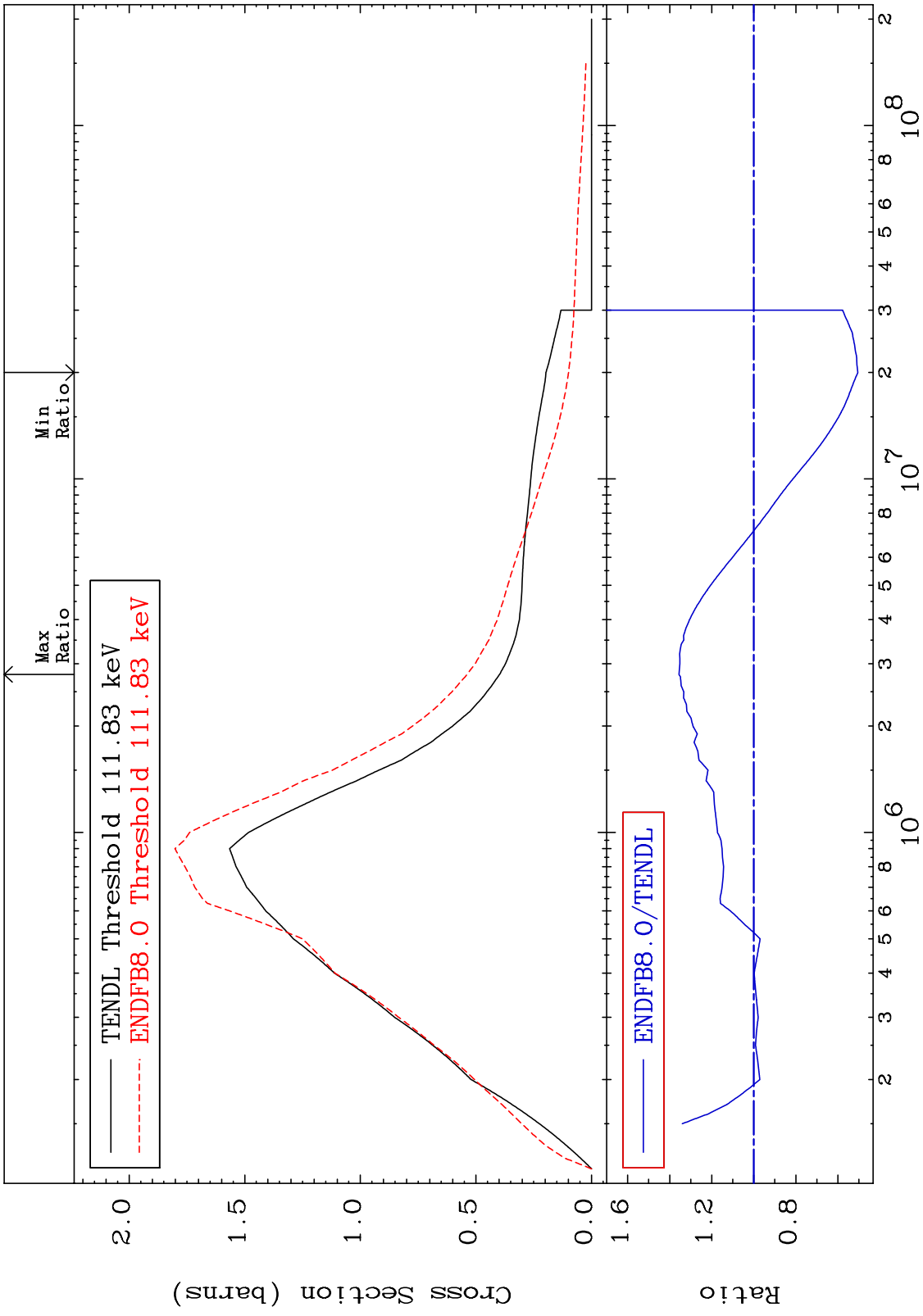
MAT 7437 (n,4n) Cross Section 74-W -184 -100.0 To 37.39 %



MAT 7437 (n,2n) p 74-W -184
 Cross Section -99.99 To 34.34 %

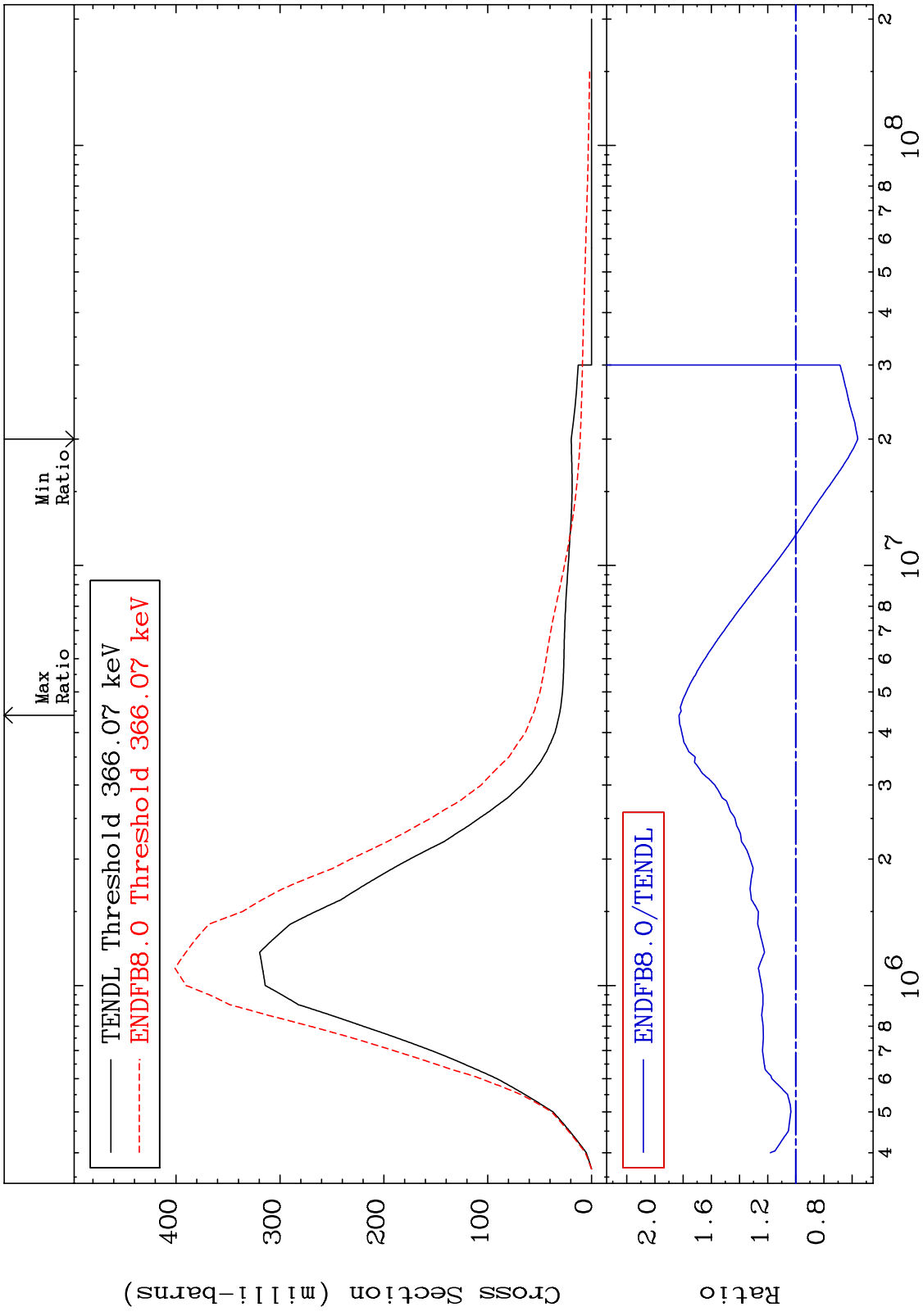


MAT 7437 MT= 51 (n,n') Level Cross Section 74-W -184 -49.50 To 35.55 %

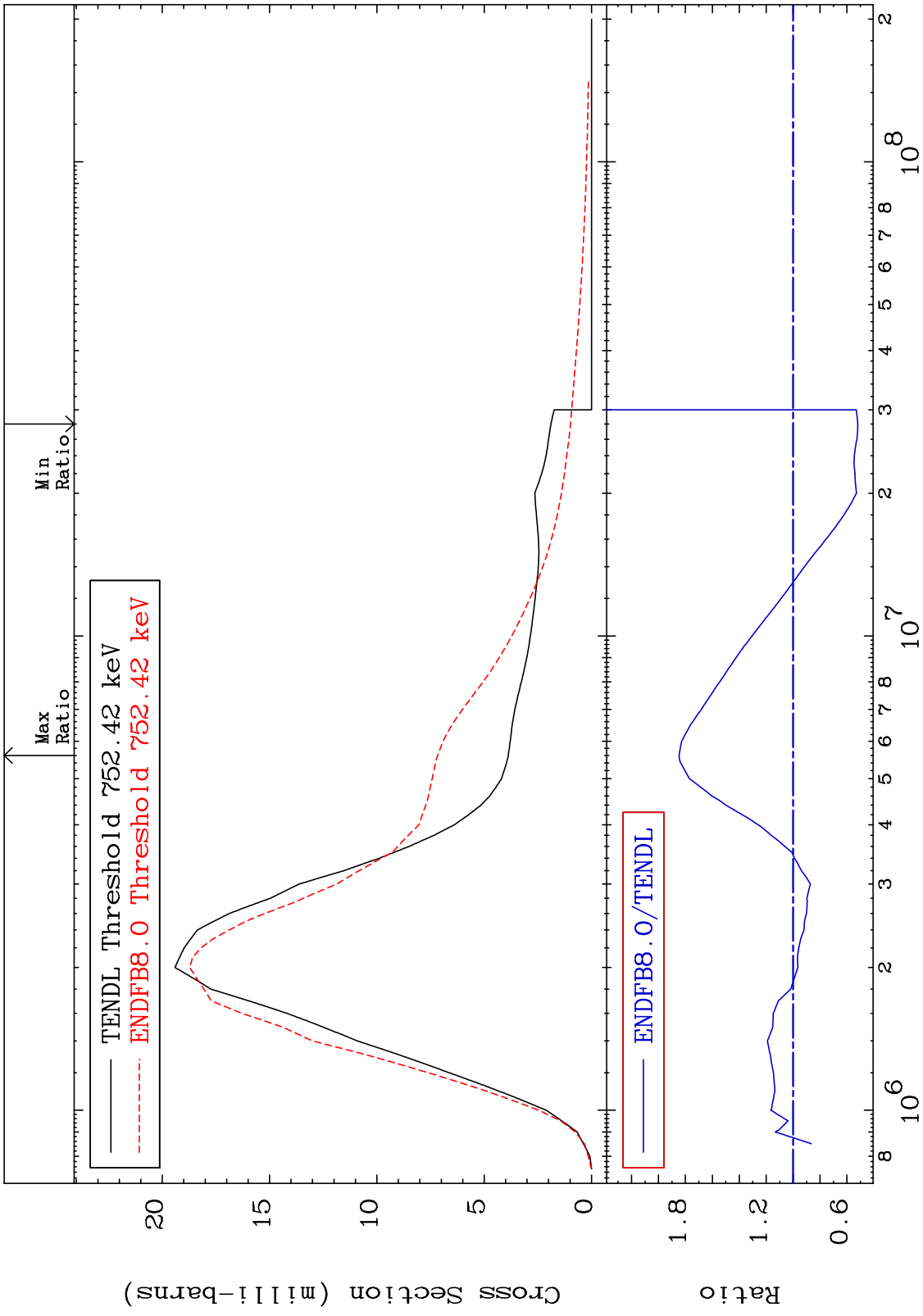


10 Incident Energy (eV) 74-W -184

MAT 7437 MT= 52 (n,n') Level Cross Section 74-W -184
 -44.06 To 82.89 %

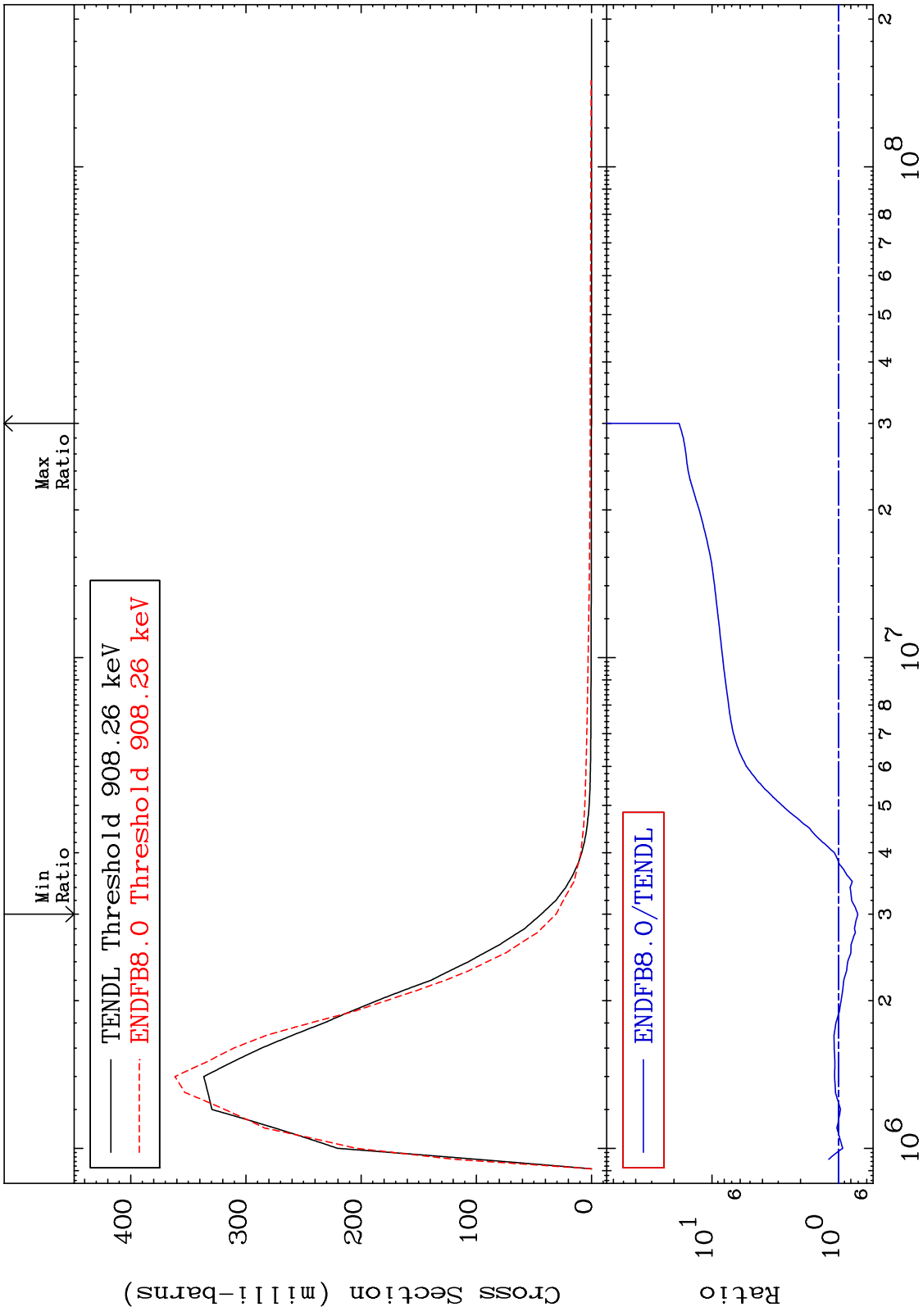


MAT 7437 MT= 53 (n,n') Level Cross Section 74-W -184 -48.08 To 84.72 %



12 74-W -184

MAT 7437 MT= 54 (n,n') Level Cross Section 74-W -184
 -29.49 To 1721. %

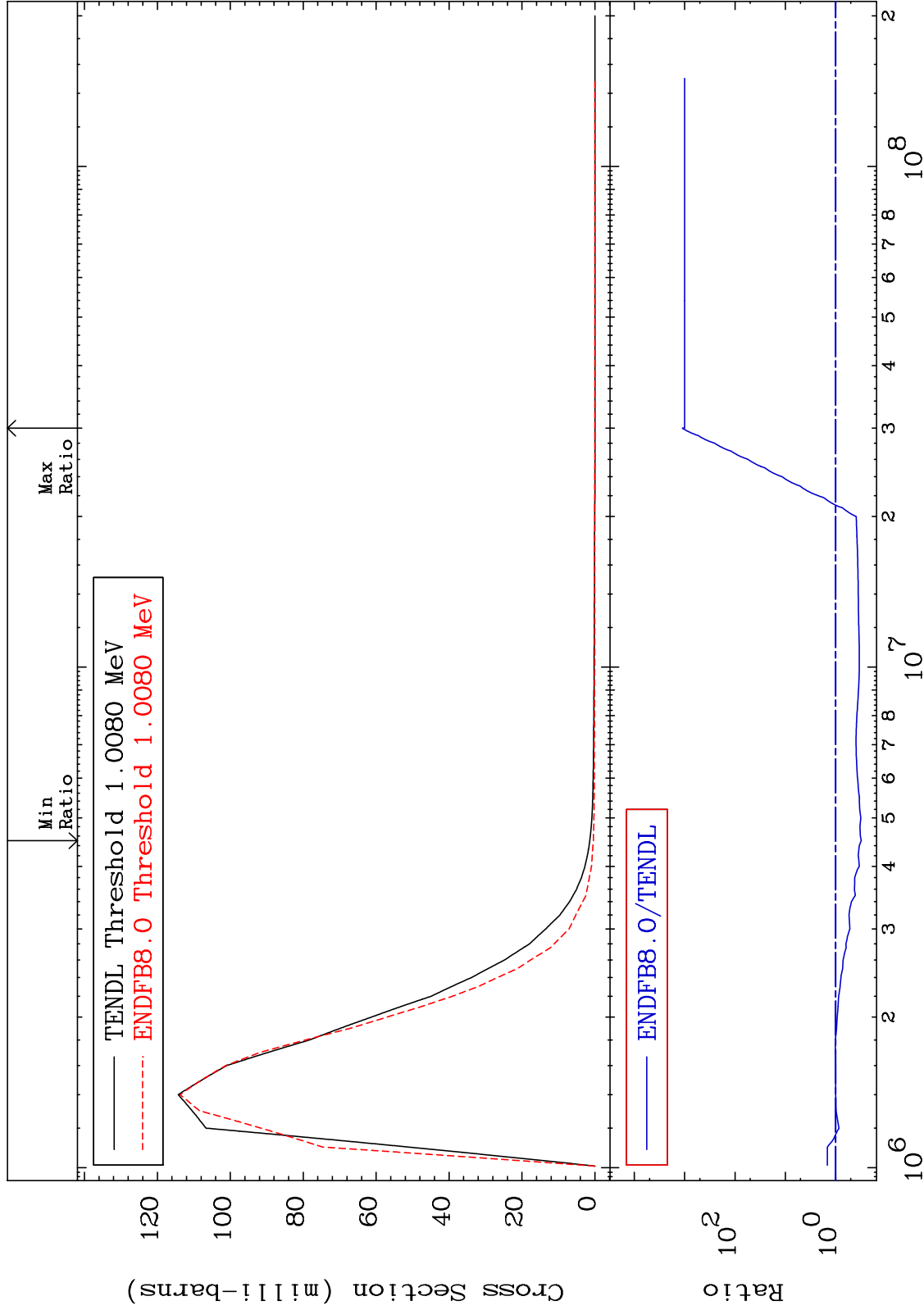


13 74-W -184

MAT 7437

MT= 55 (n,n') Level
Cross Section

74-W -184
-69.05 To 9999. %

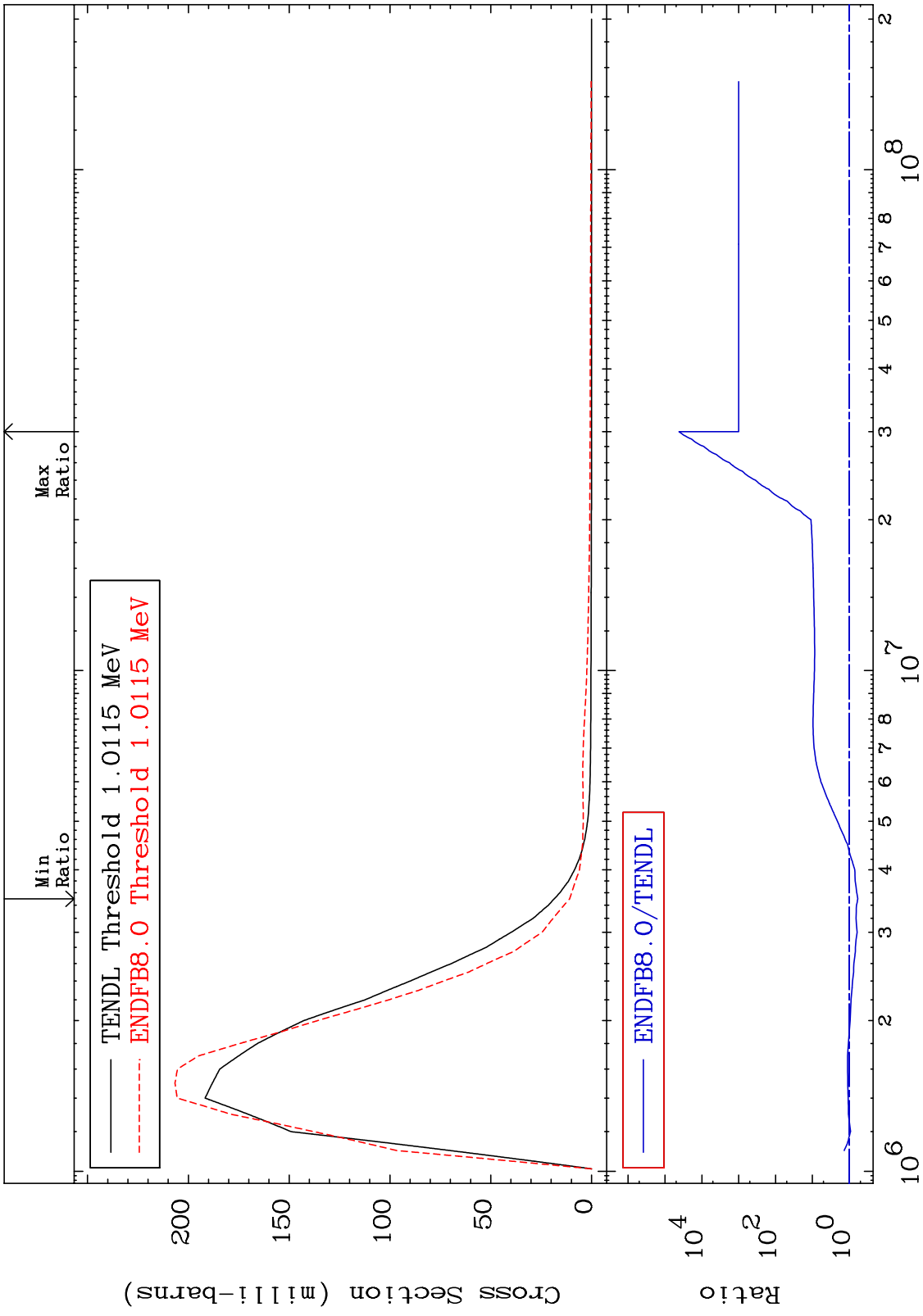


14

Incident Energy (eV)

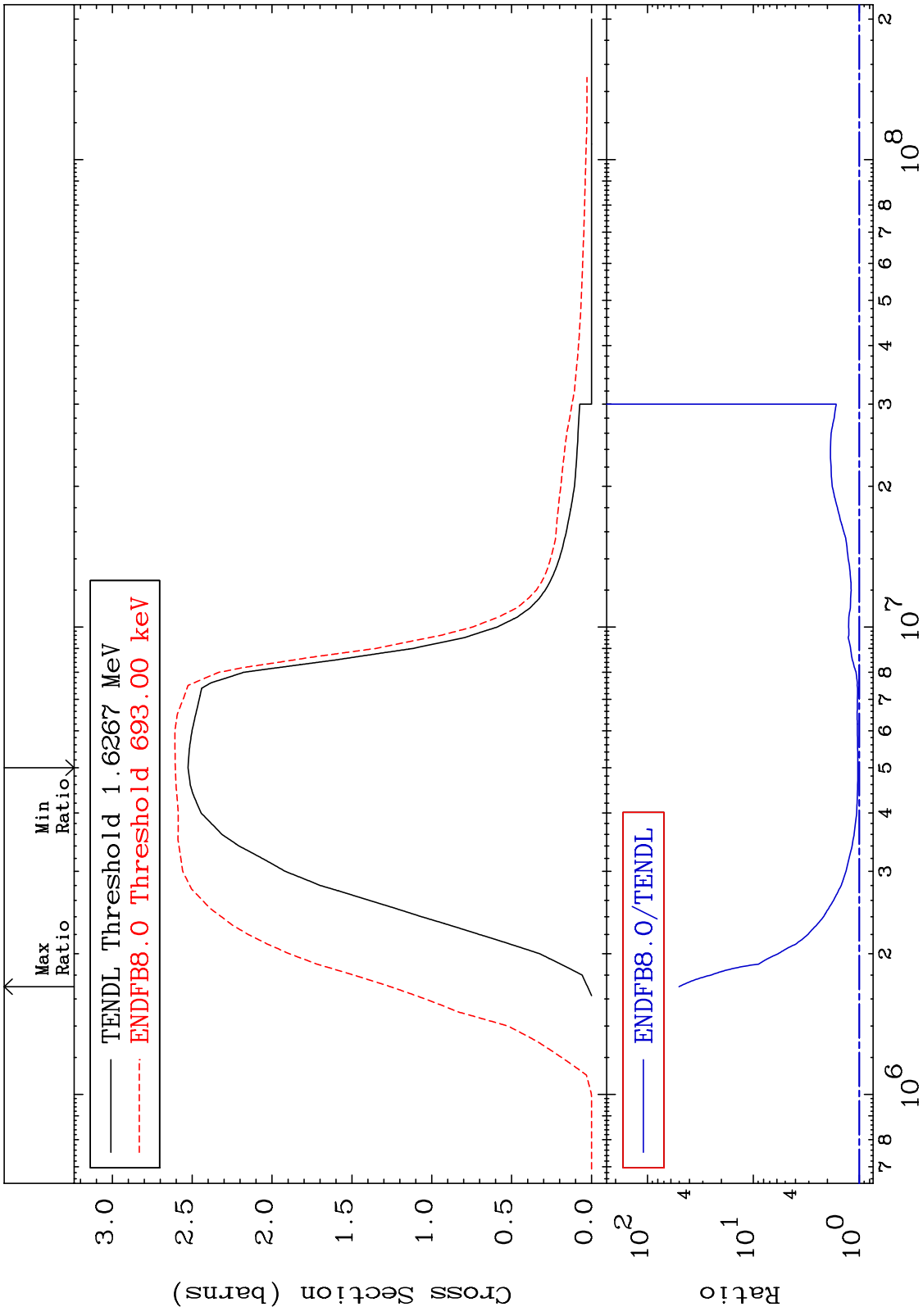
74-W -184

MAT 7437 MT= 56 (n,n') Level Cross Section 74-W -184 -41.44 To 9999. %



15 Incident Energy (eV) 74-W -184

MAT 7437 (n,n') Continuum Cross Section 74-W -184 3.174 To 4927. %



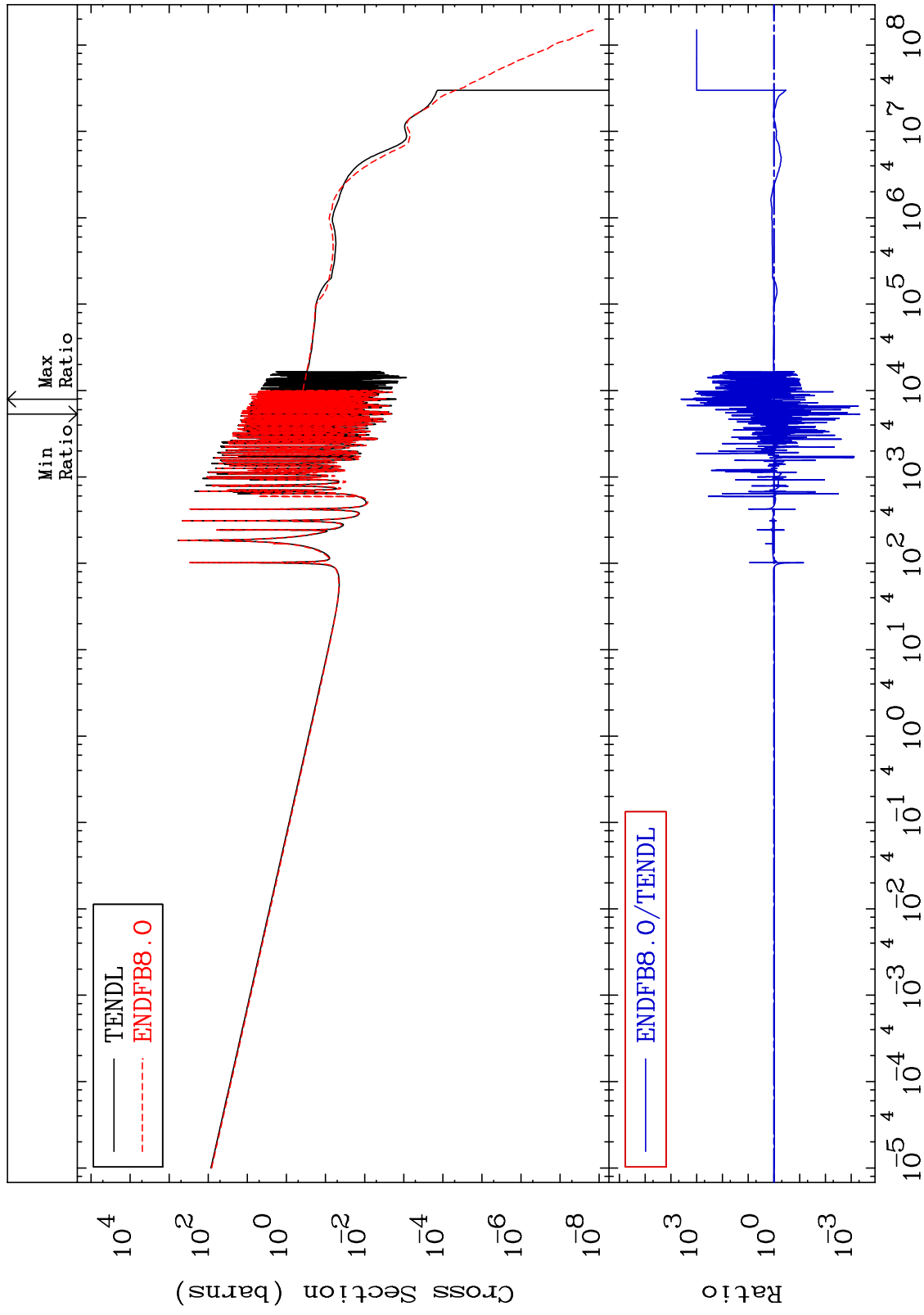
MAT 7437

(n, γ)

74-W -184

Cross Section

-99.95 To 9999. %

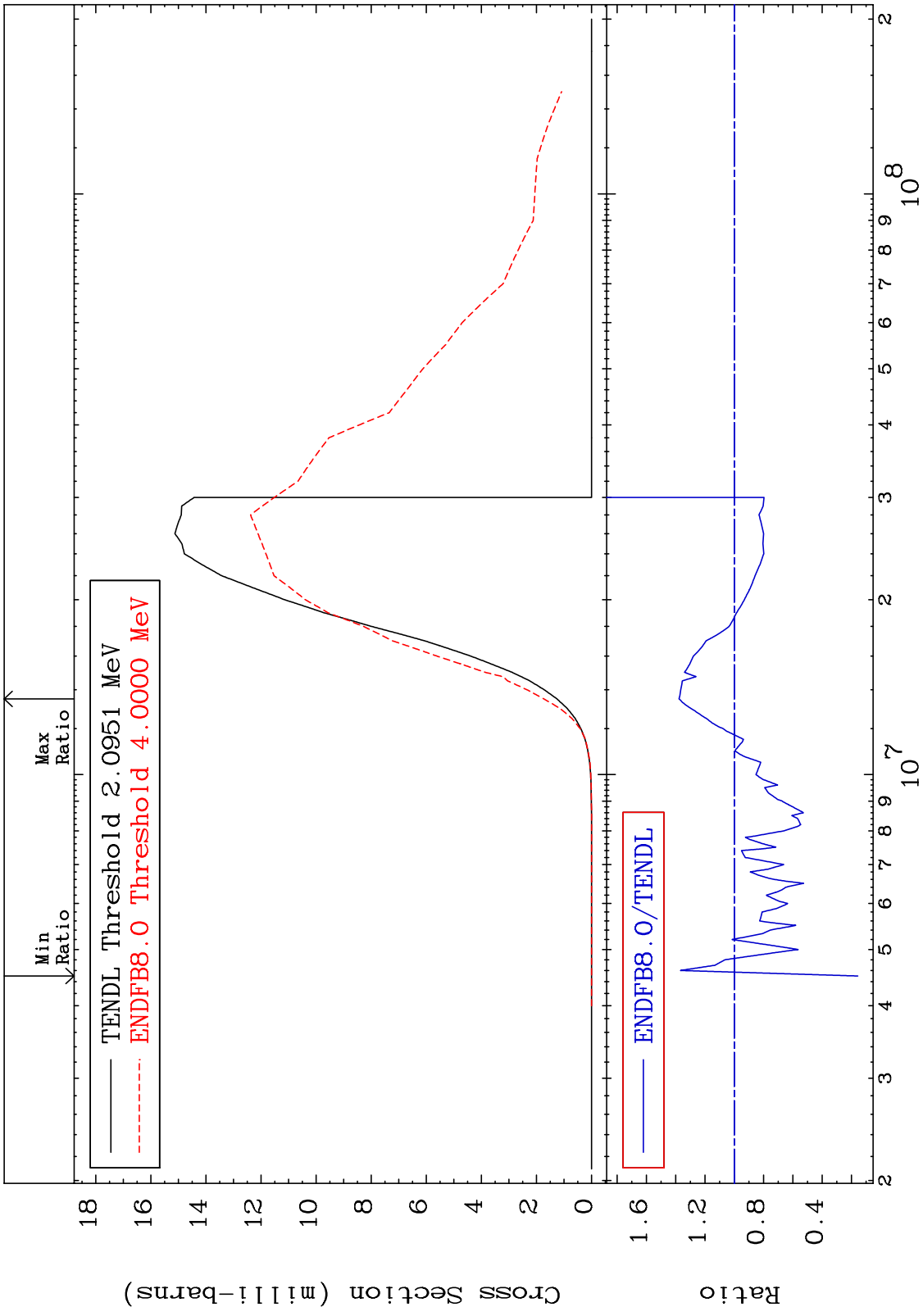


17

Incident Energy (eV)

74-W -184

MAT 7437 (n,p) Cross Section 74-W -184 -84.29 To 37.74 %



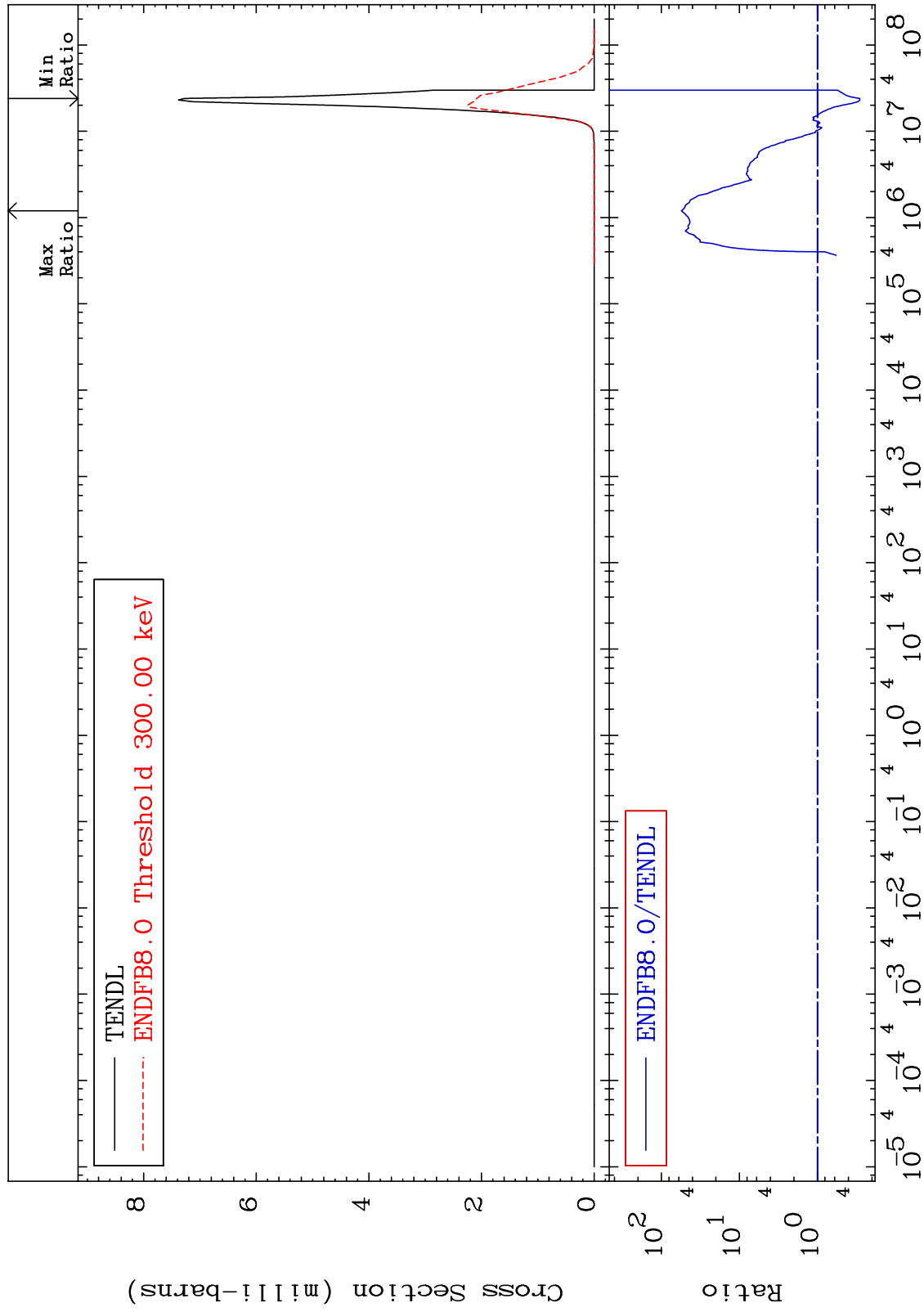
MAT 7437

(n, α)

74-W -184

Cross Section

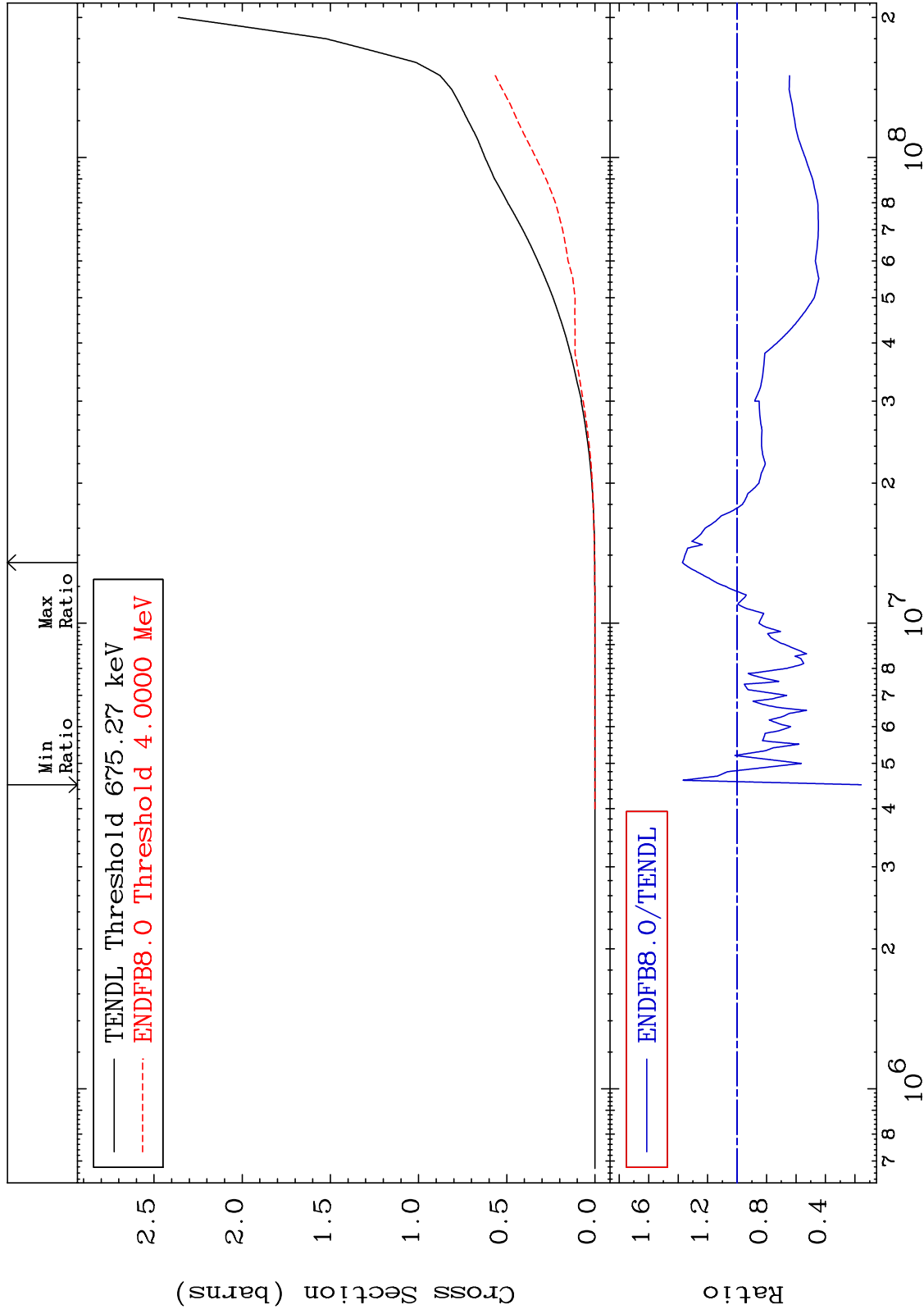
-71.41 To 5428. %



MAT 7437

Hydrogen Production
Cross Section

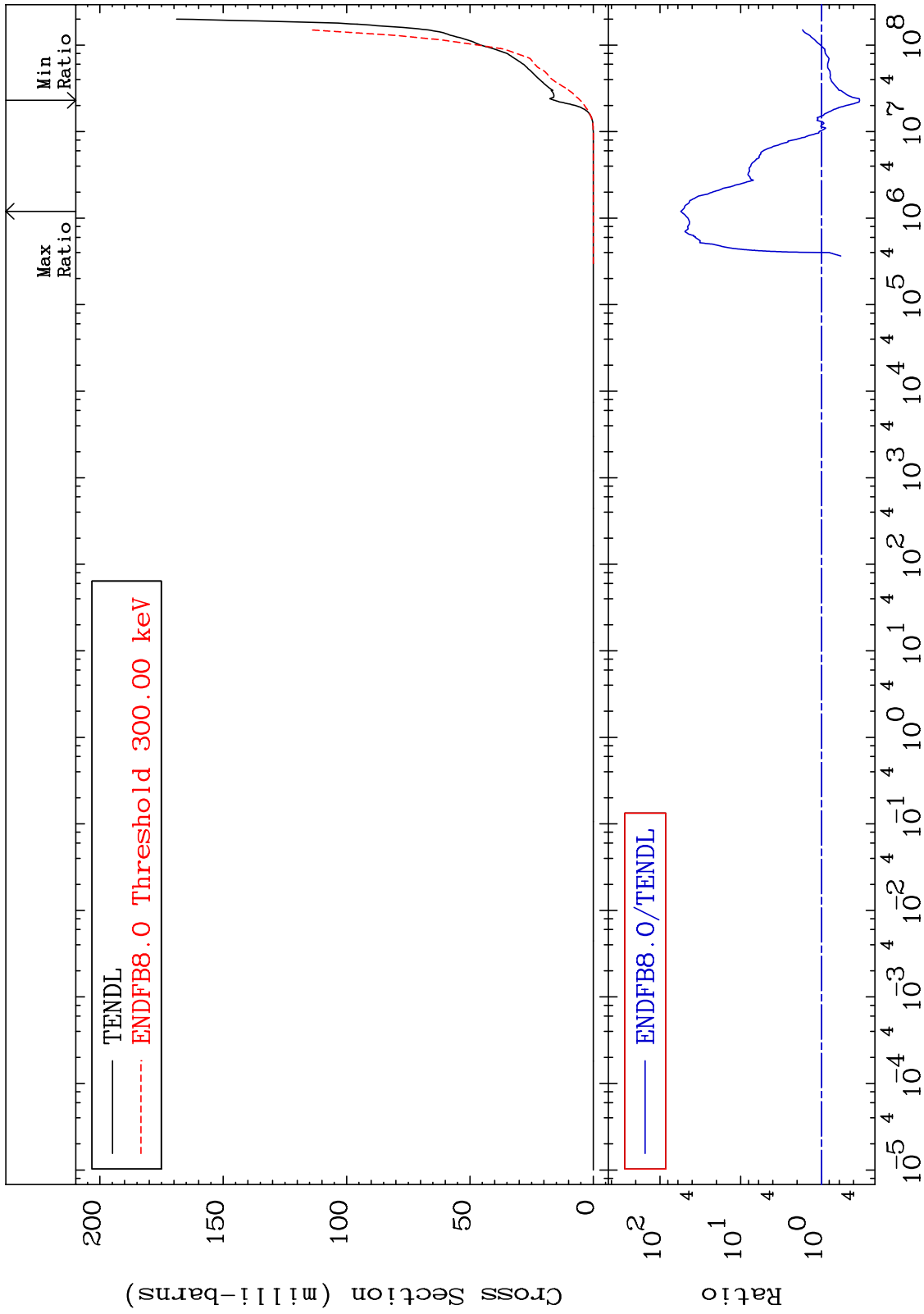
74-W -184
-84.29 To 37.07 %



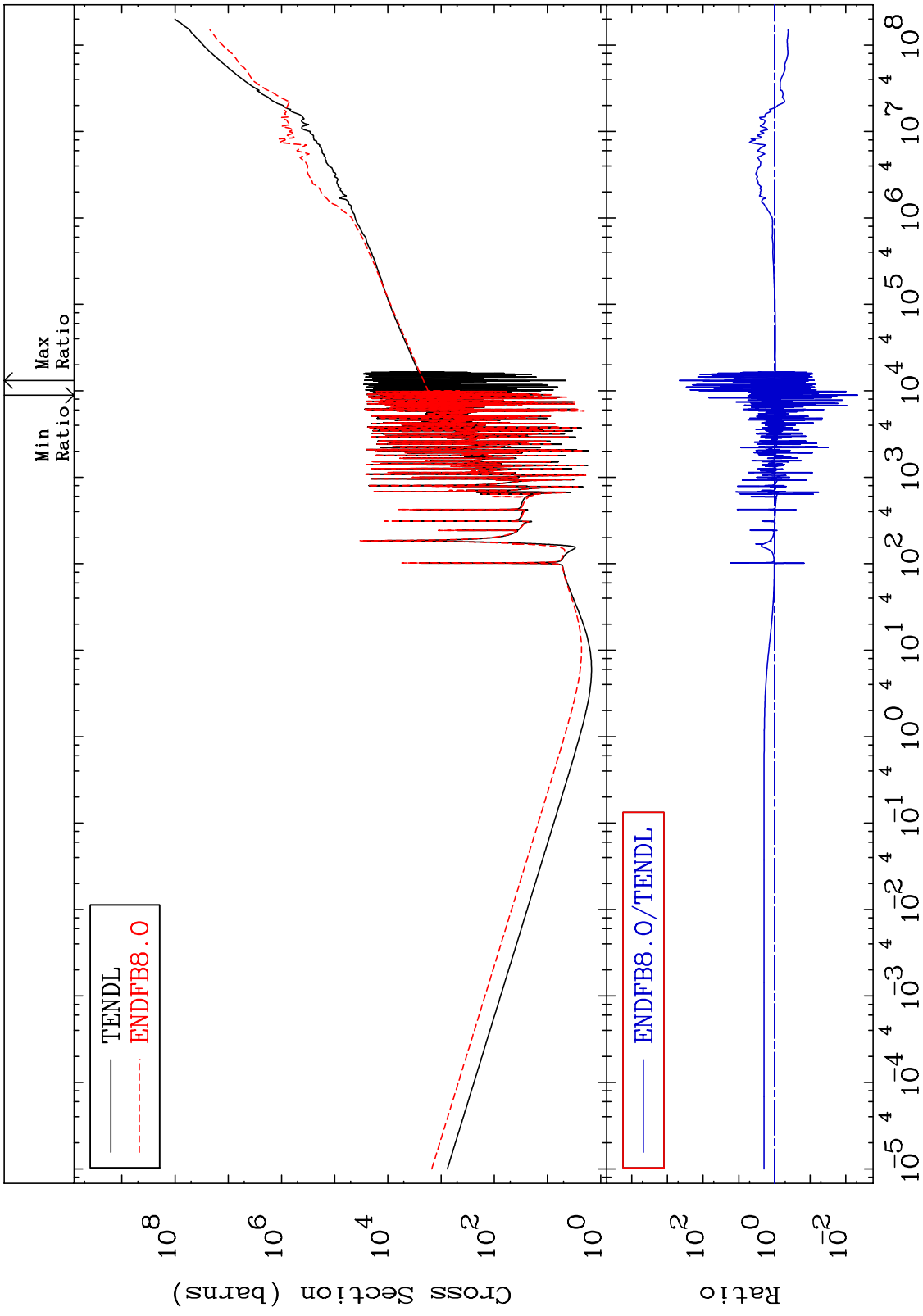
MAT 7437

He-4 Production
Cross Section

74-W -184
-66.49 To 5428. %



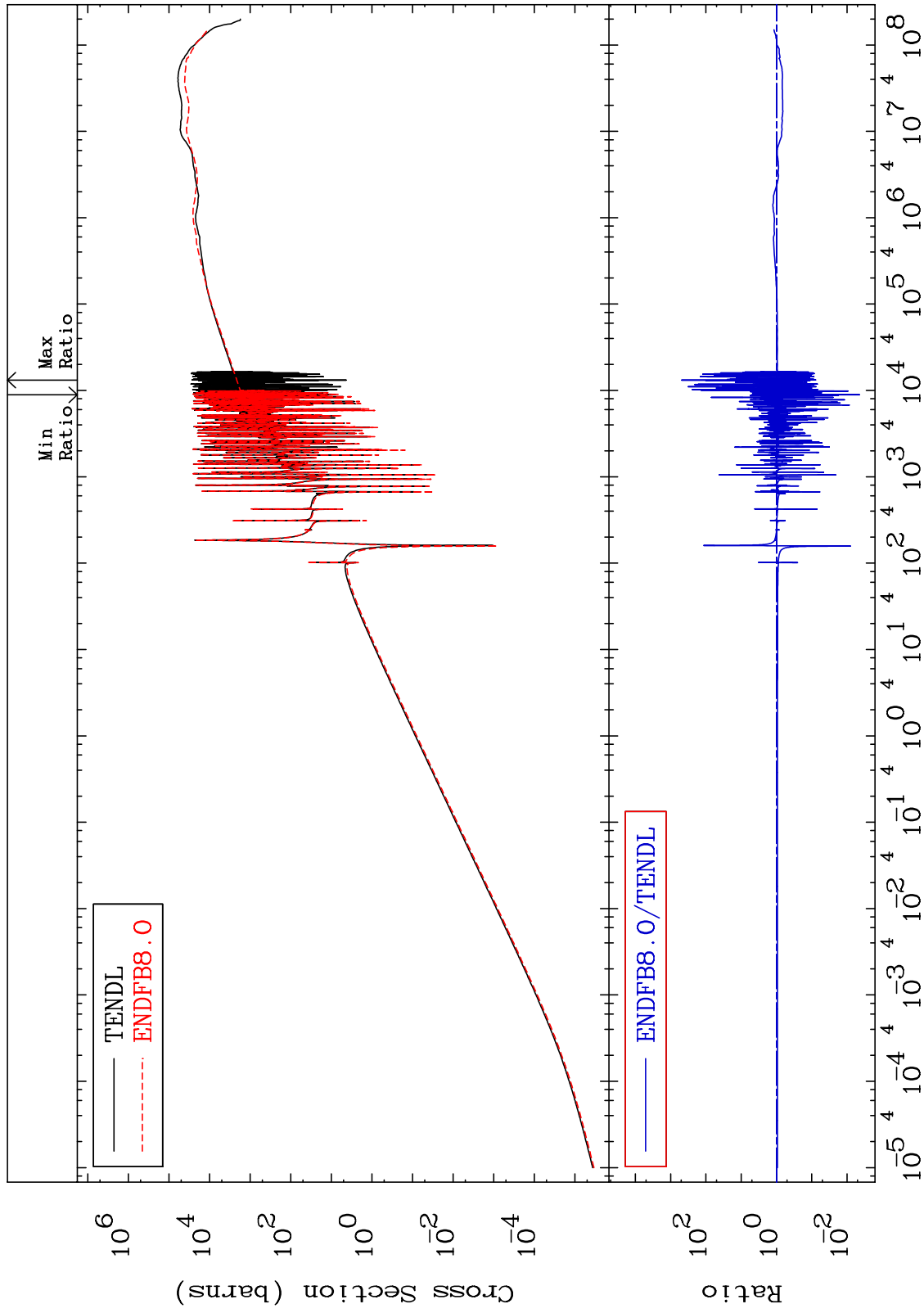
MAT 7437 Kerma total (eV-barns) 74-W -184
 Cross Section -99.54 To 9999. %



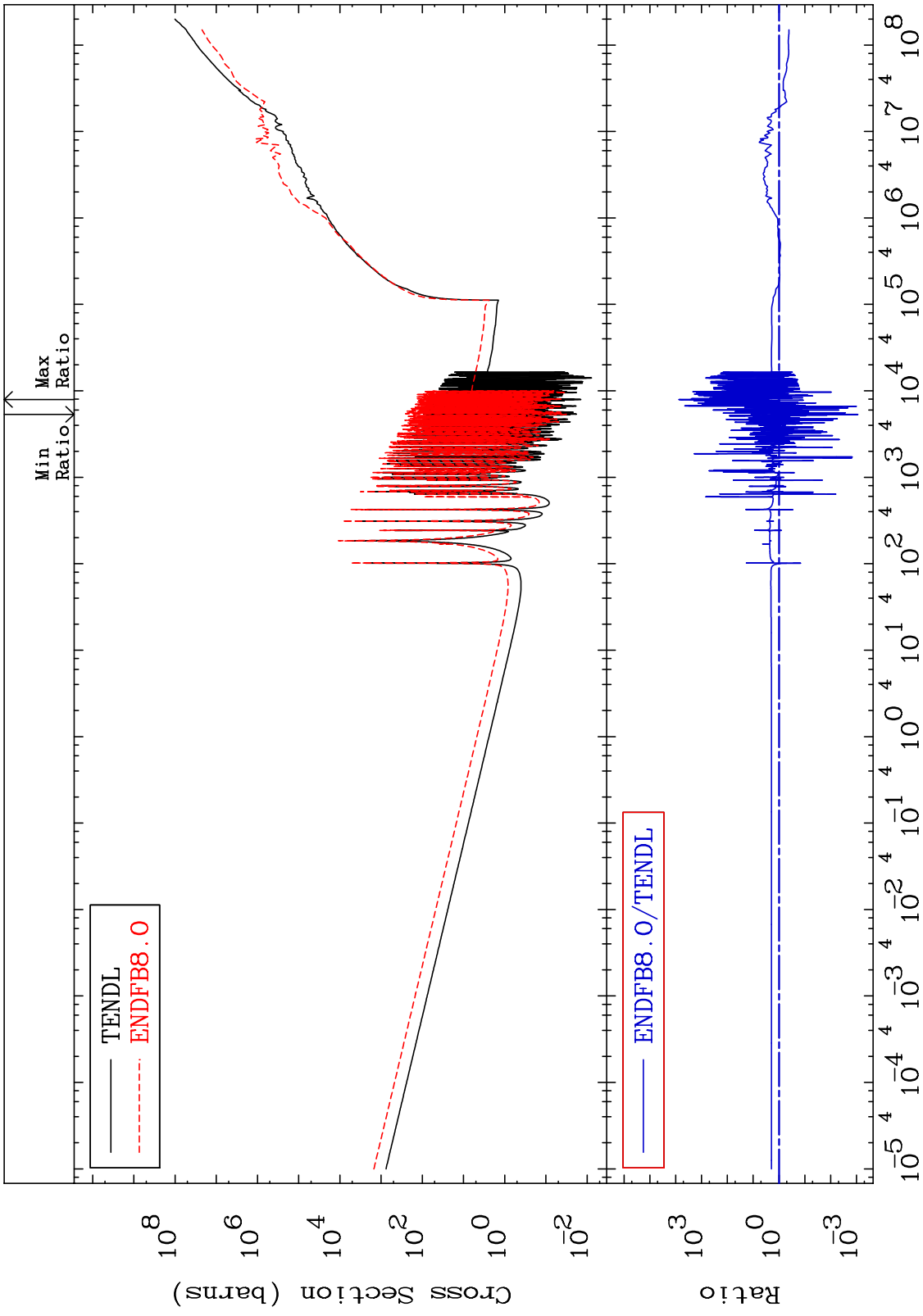
MAT 7437

Kerma elastic
Cross Section

74-W -184
-99.57 To 9999. %

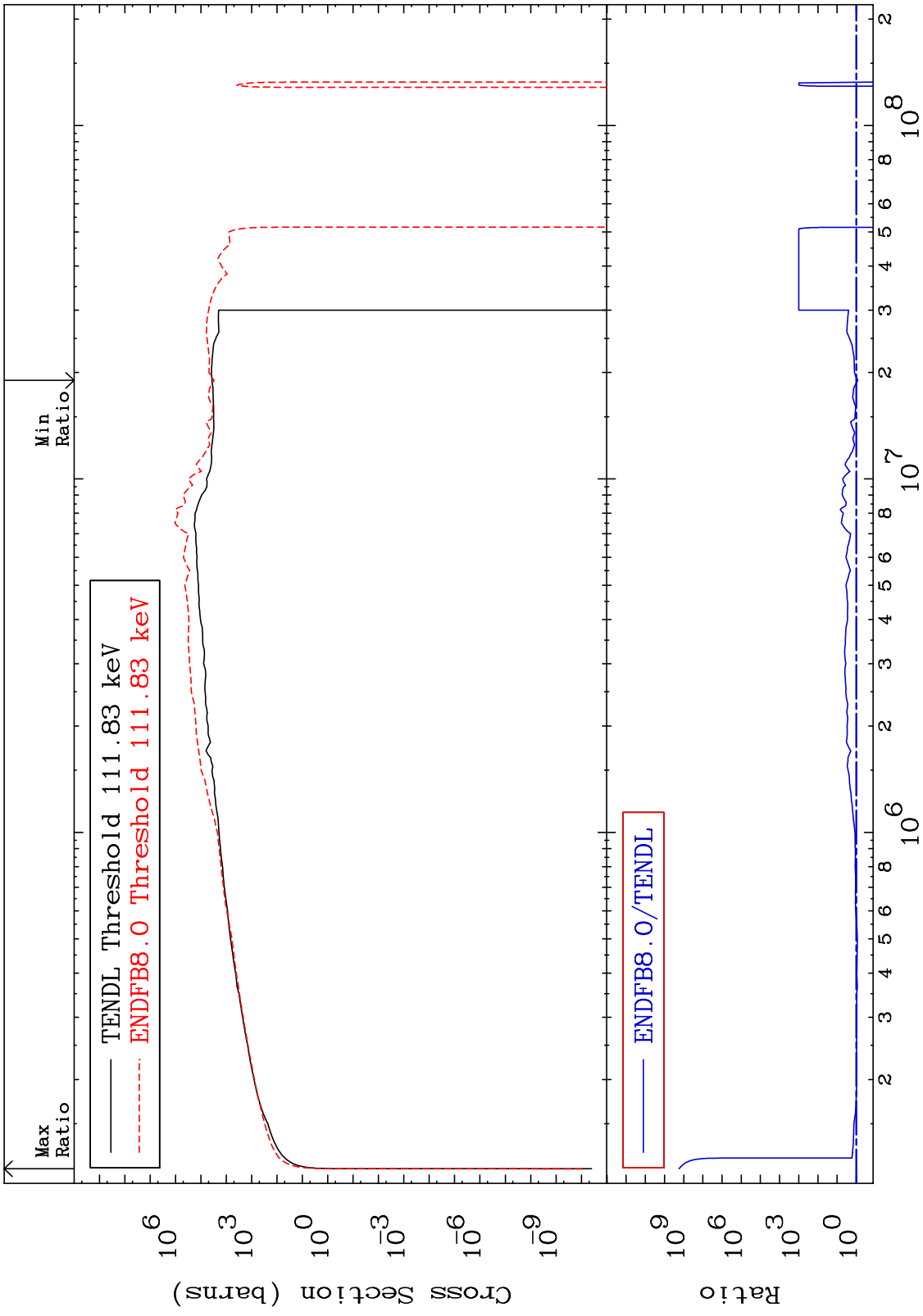


MAT 7437 Kerma non-elastic (all but mt2) Cross Section 74-W -184
 -99.91 To 9999. %



24 Incident Energy (eV) 74-W -184

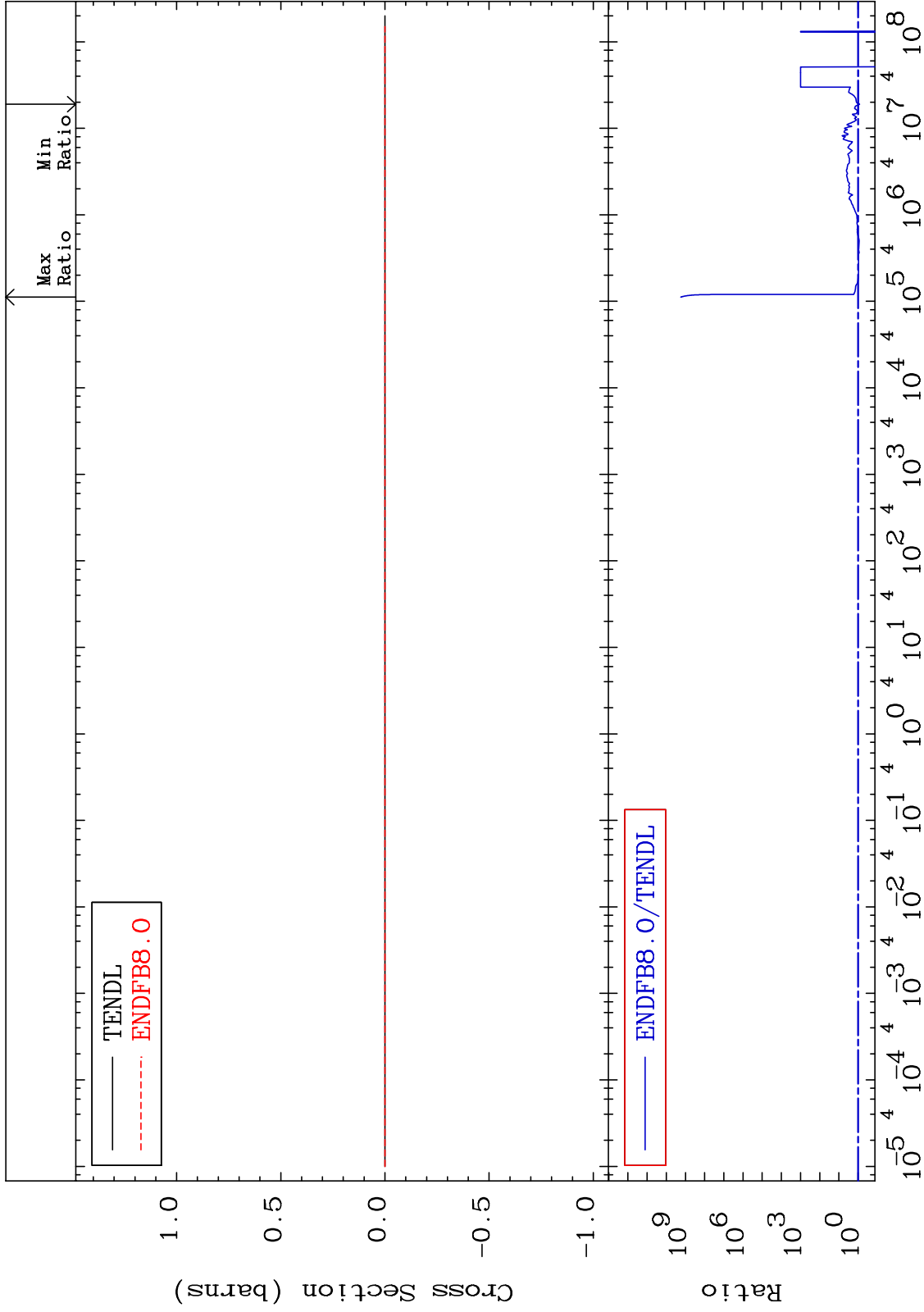
MAT 7437 Kerma inelastic (mt51-91) 74-W -184
 Cross Section -17.35 To 9999. %



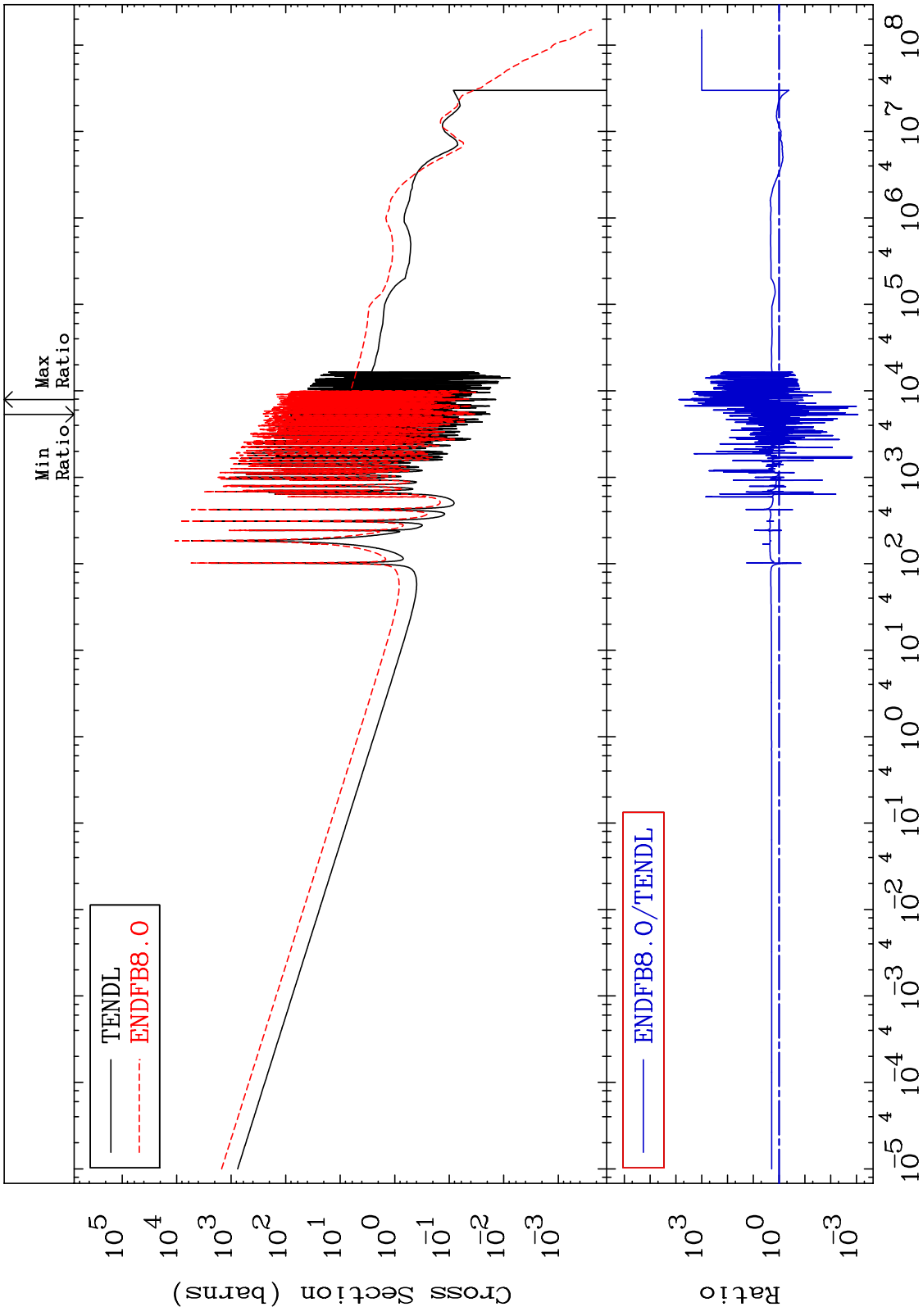
MAT 7437

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

74-W -184
-17.35 To 9999. %



MAT 7437 Kerma capture (mt102) 74-W -184
 Cross Section -99.91 To 9999. %

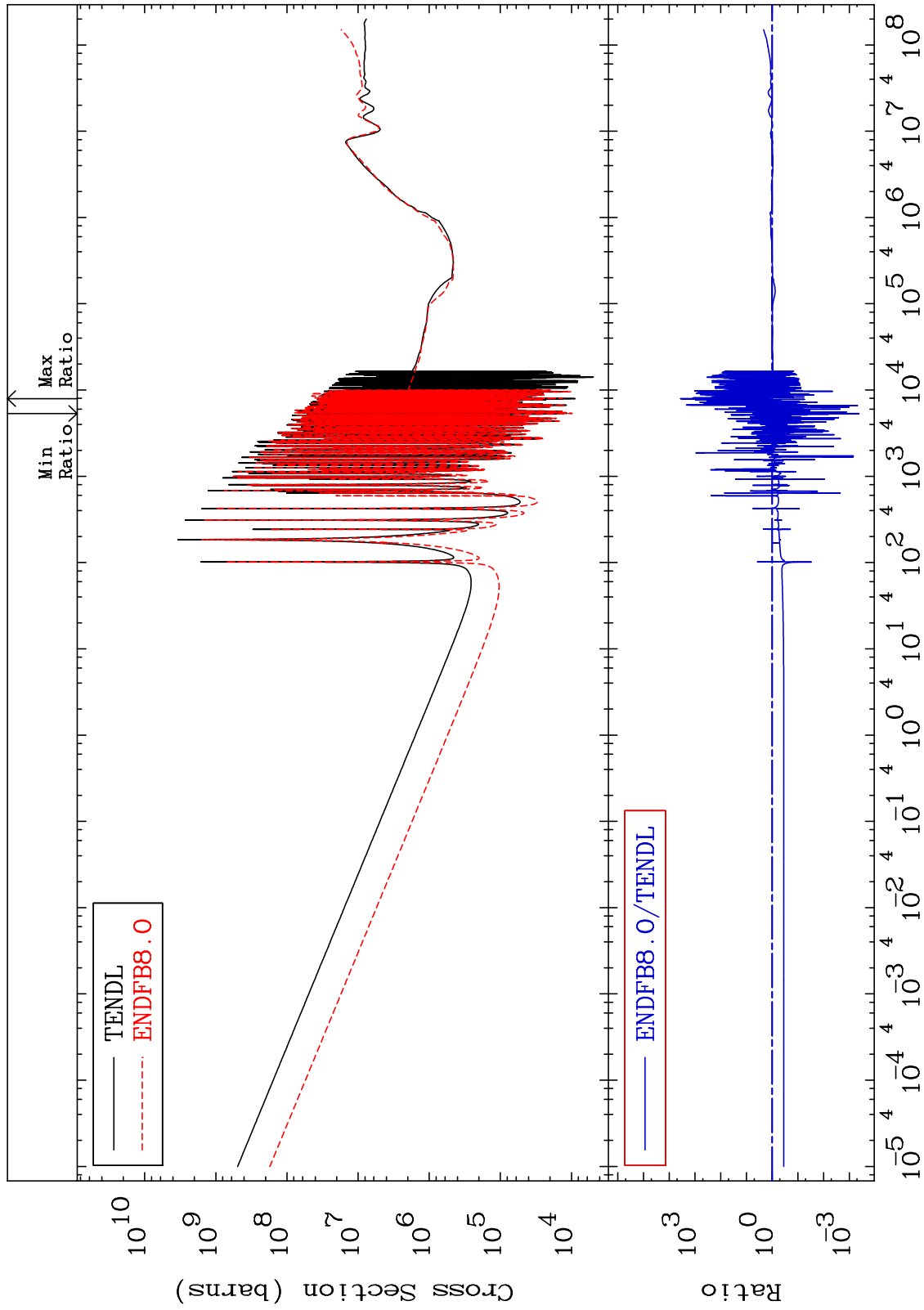


Incident Energy (eV) 74-W -184

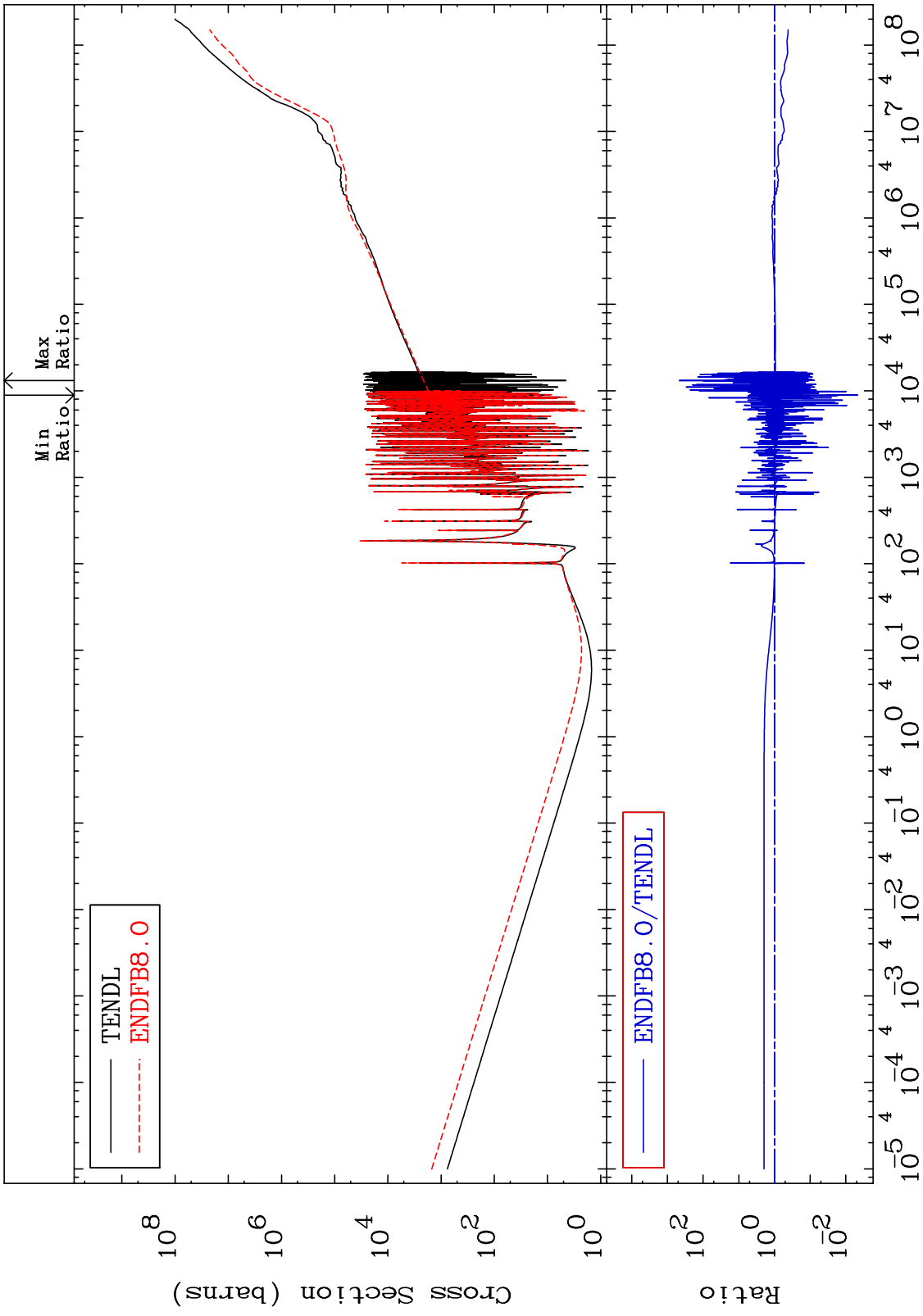
MAT 7437

Total photon (eV-barns)
Cross Section

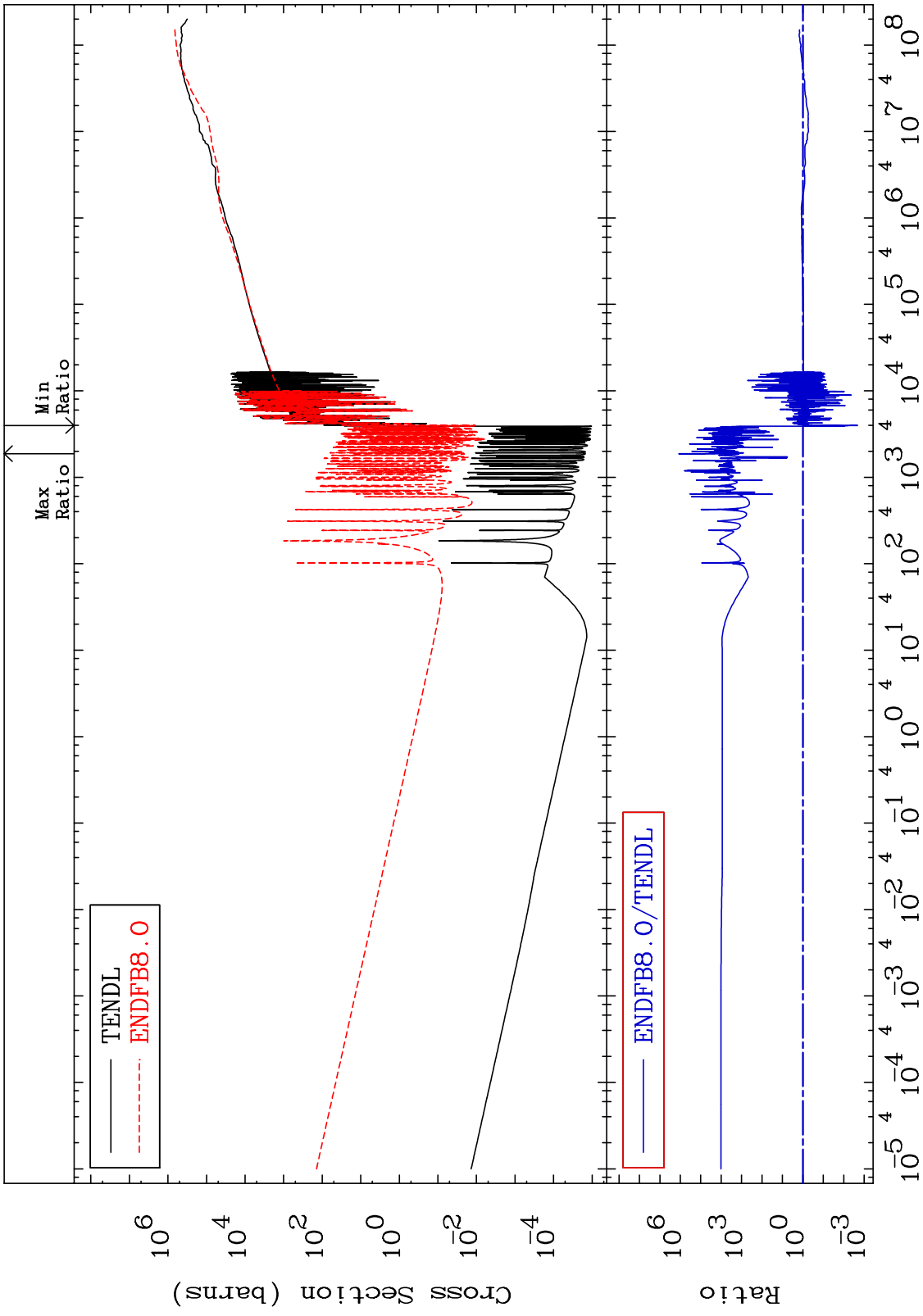
74-W -184
-99.96 To 9999. %



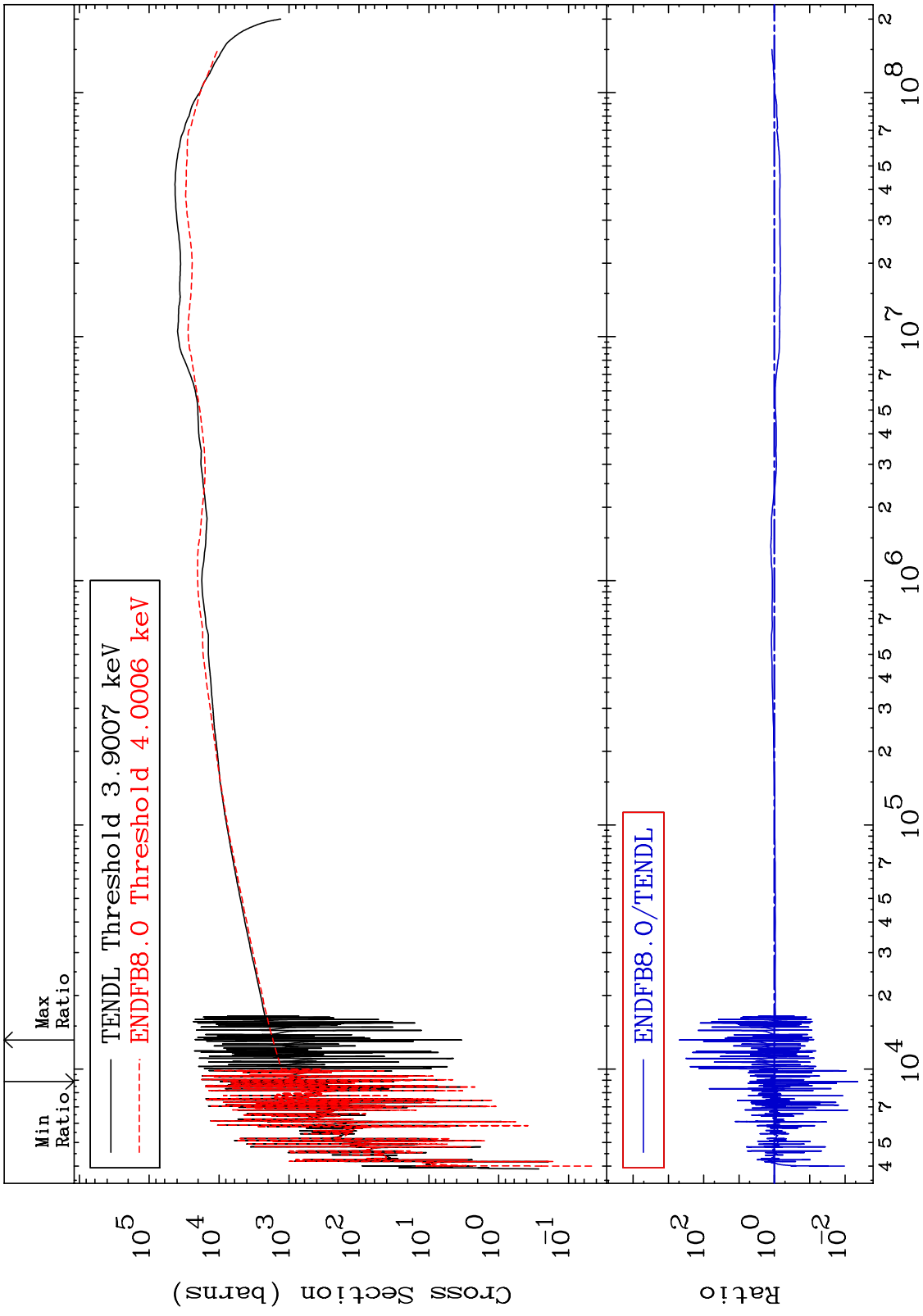
MAT 7437 Total kinematic kerma (high limit) Cross Section 74-W -184
 -99.54 To 9999. %

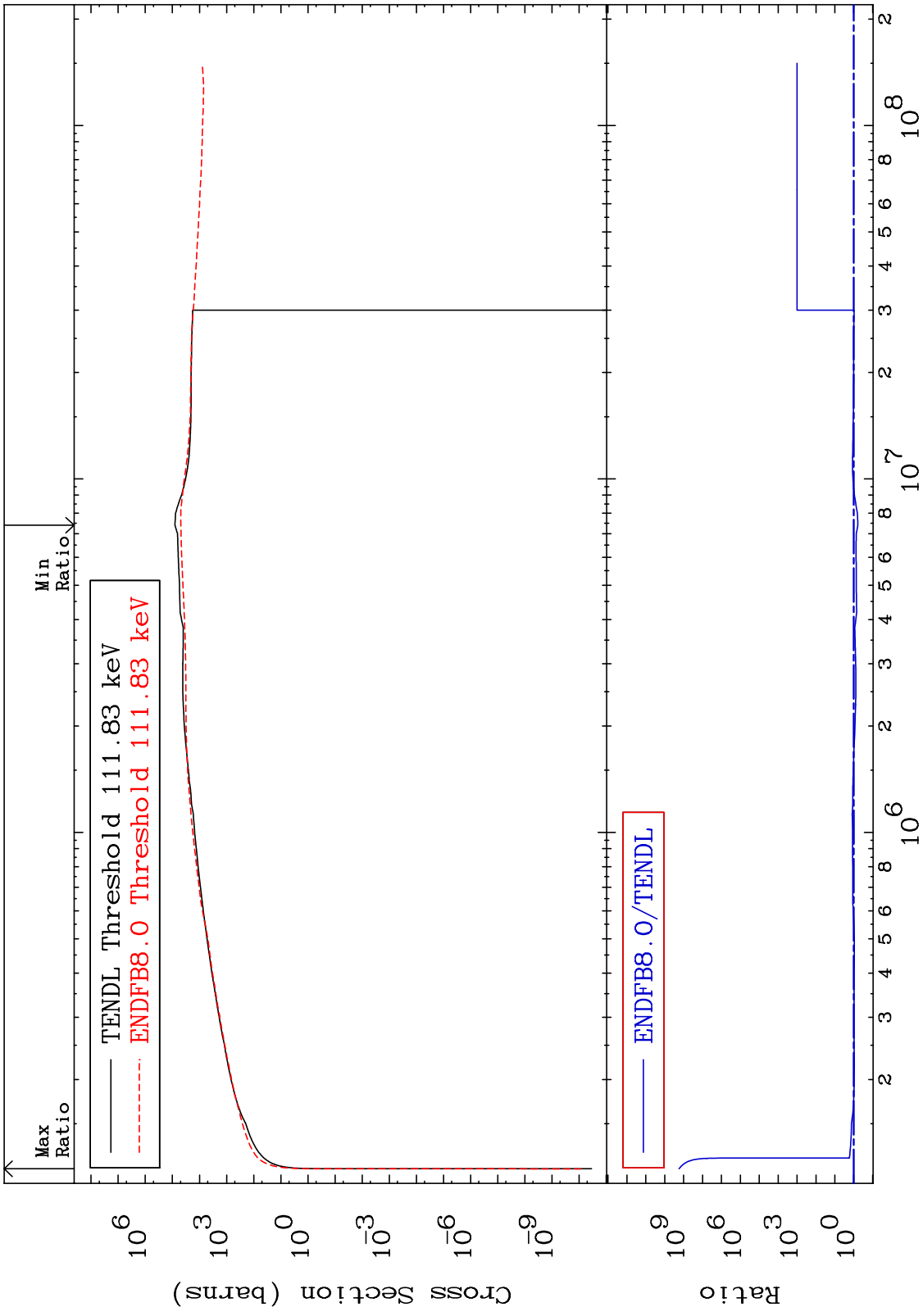


MAT 7437 Dpa total (eV-barns) 74-W -184
 Cross Section -99.79 To 9999. %

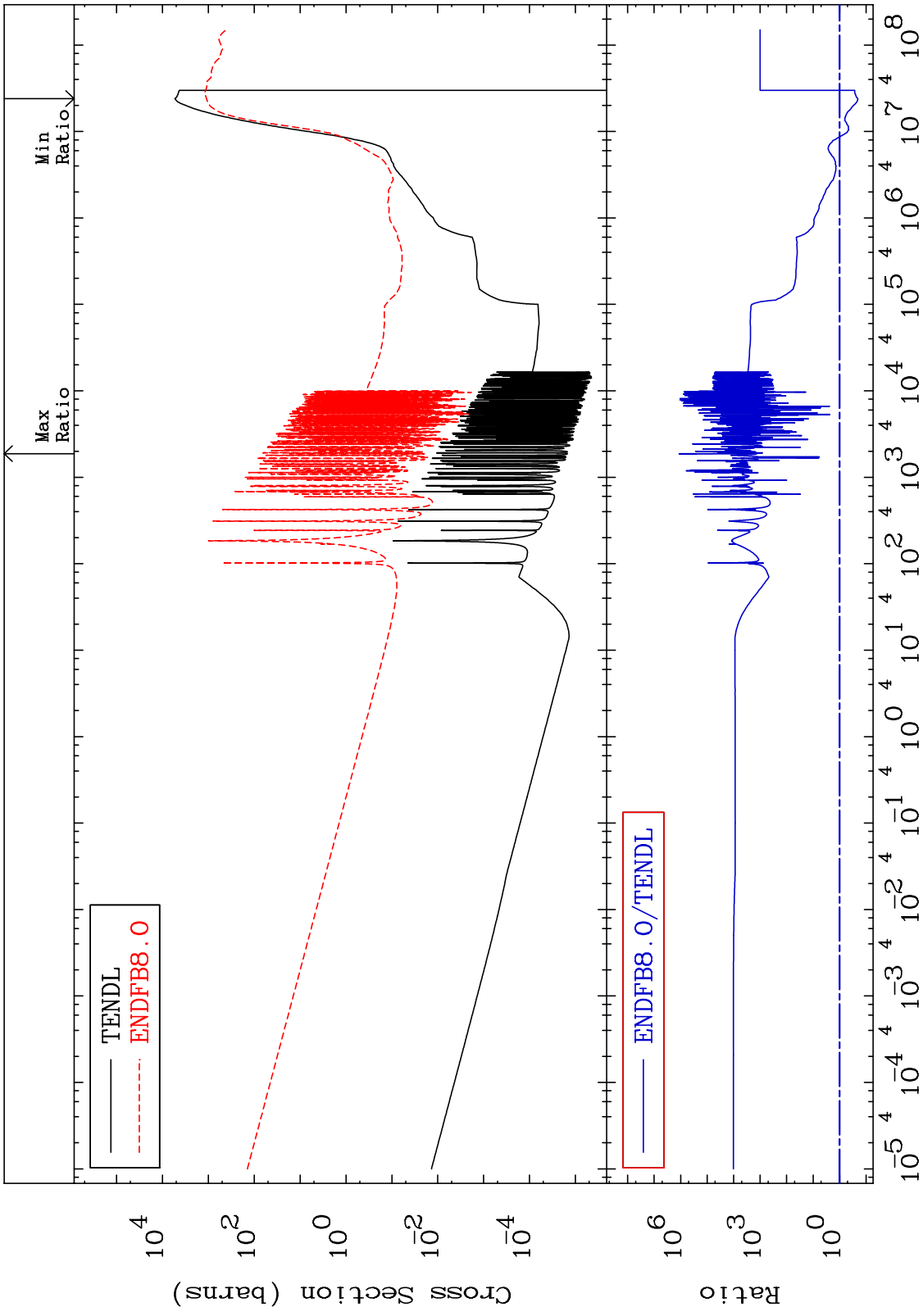


MAT 7437 Dpa elastic (mt2) 74-W -184
 Cross Section -99.57 To 9999. %





MAT 7437 Dpa disappearance (mt102 -120) 74-W -184
 Cross Section -79.47 To 9999. %

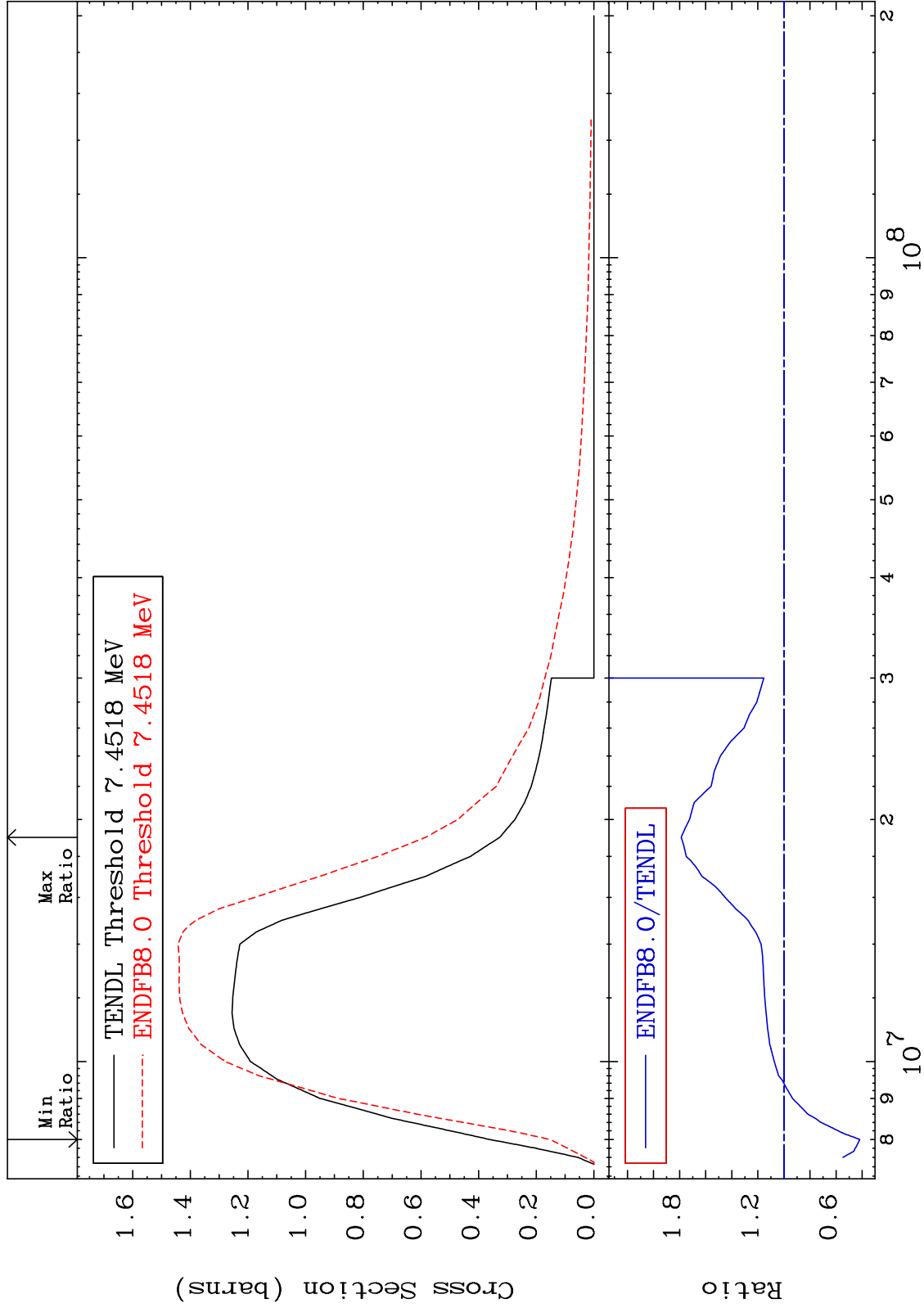


MAT 7437

(n,2n):74-W -183g

74-W -184

Radionuclide Production Cross Section -58.14 To 78.77 %



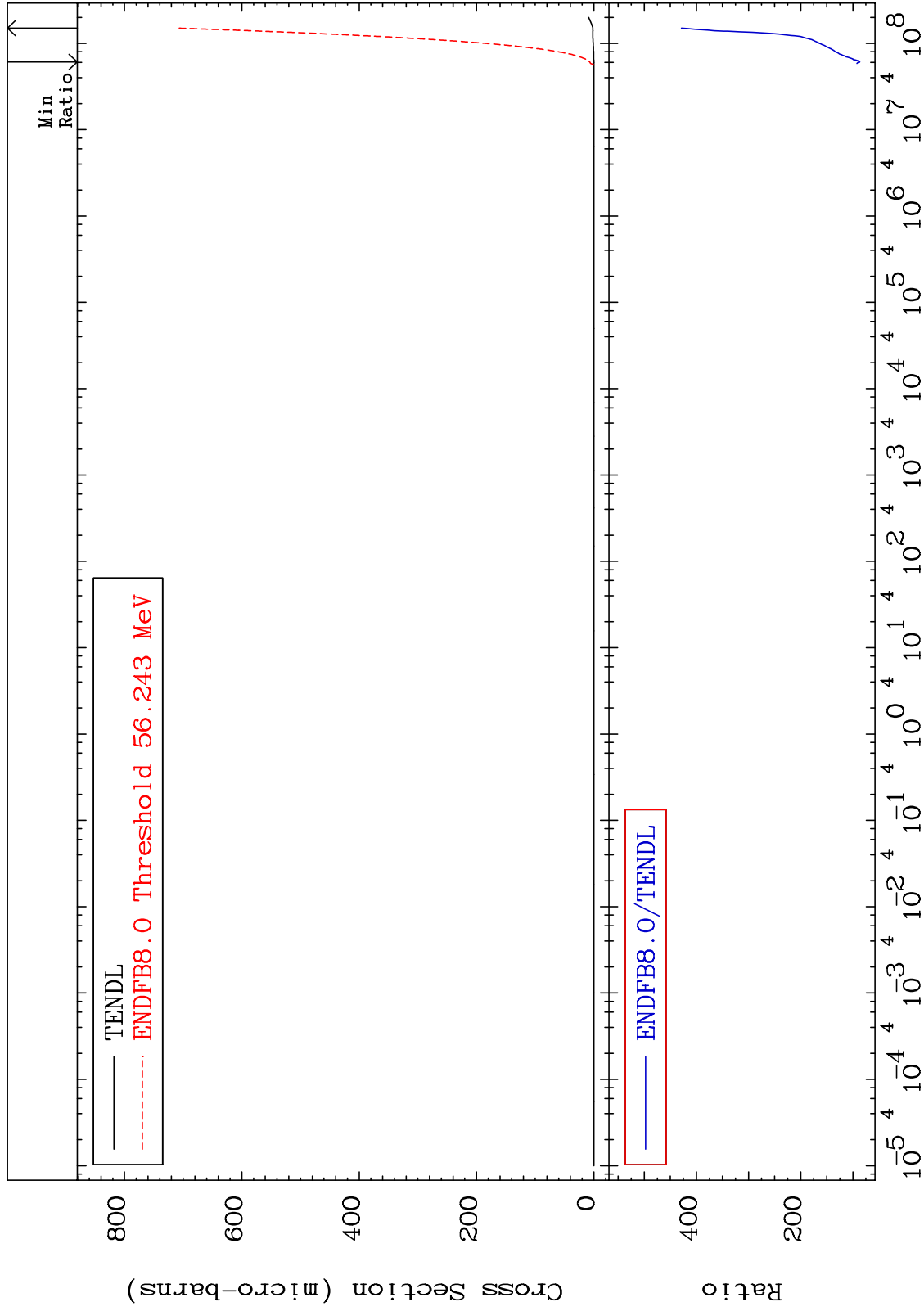
34

MAT 7437

Fission:0-?-?-Nat

74-W -184

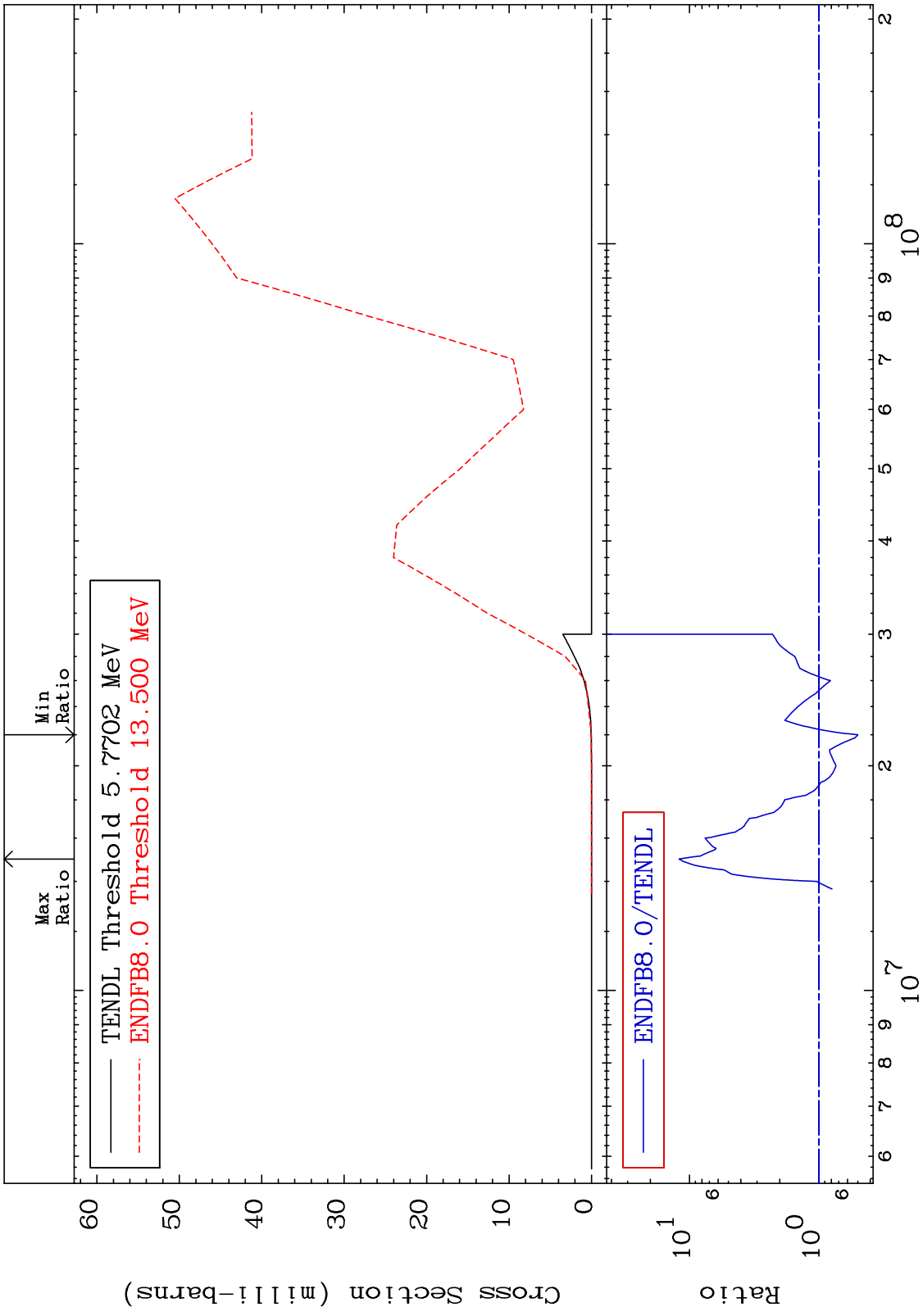
Radionuclide Production Cross Section 8582. To 9999. %



35

Incident Energy (eV)

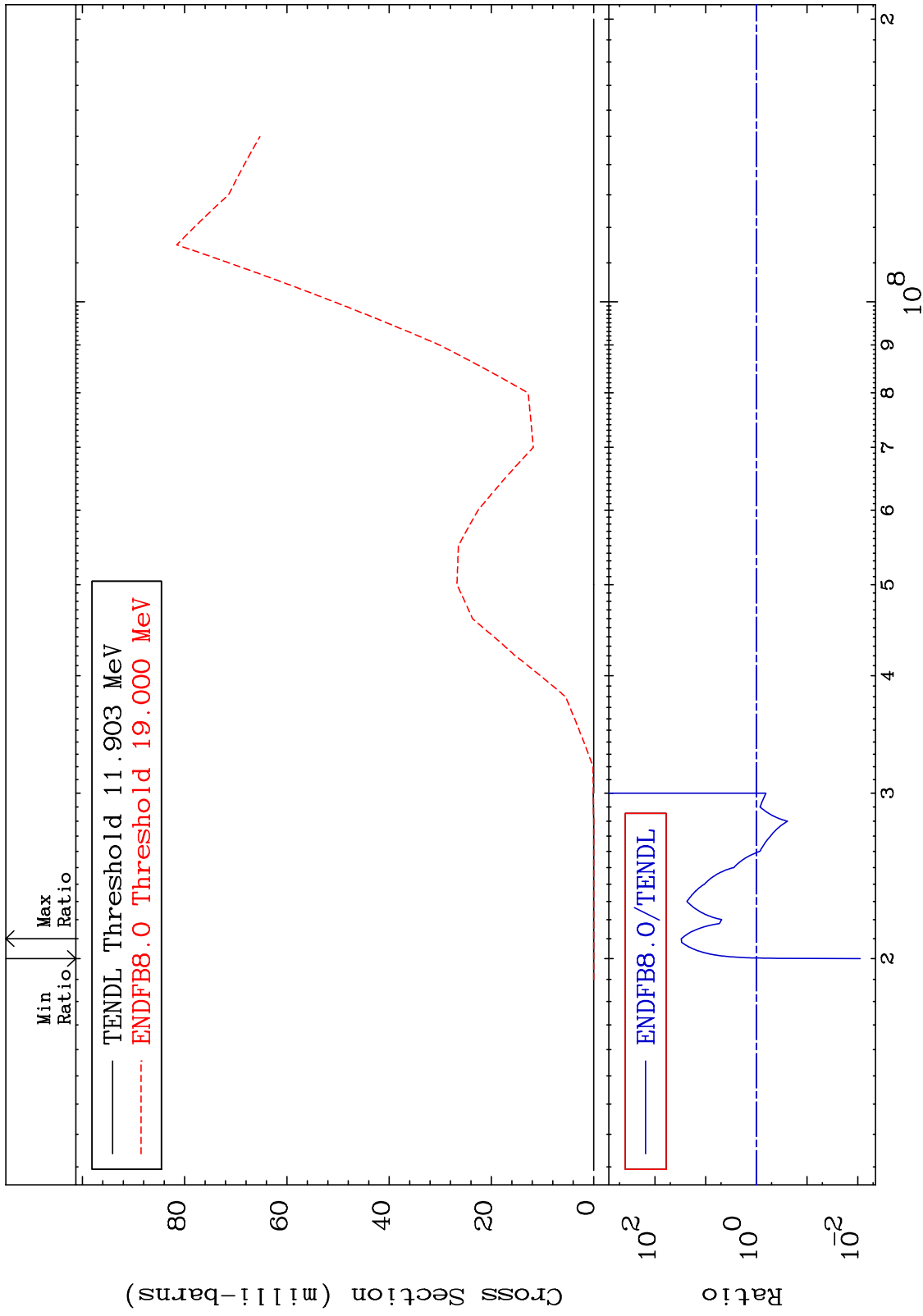
74-W -184



MAT 7437

(n,3n) α :72-Hf-178g
Radionuclide Production Cross Section -99.10 To 2937. %

74-W -184



37

Incident Energy (eV)

74-W -184

