

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

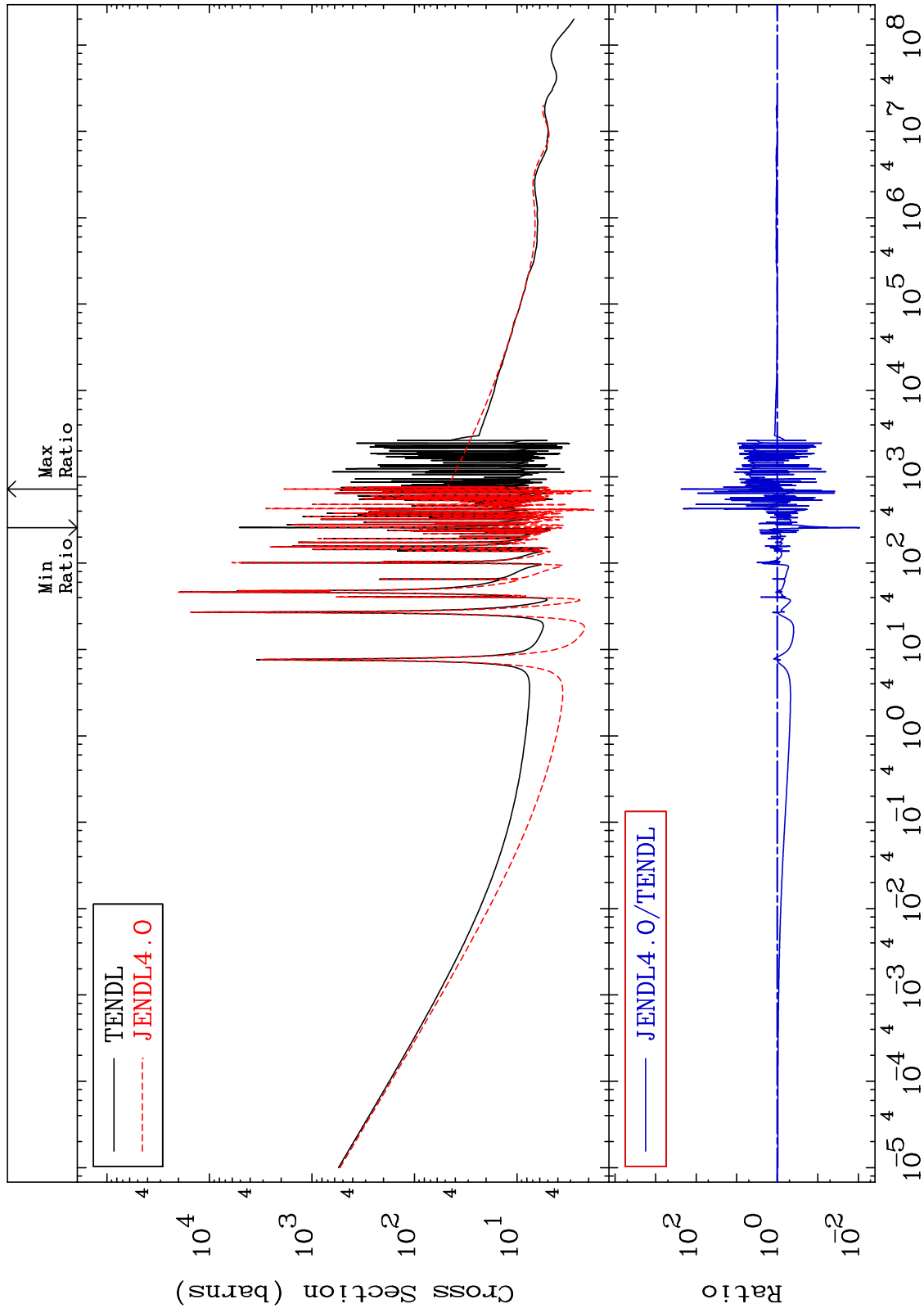
Press Mouse Button to Start

MAT 7434

Total
Cross Section

74-W -183

-99.08 To 9999. %



1

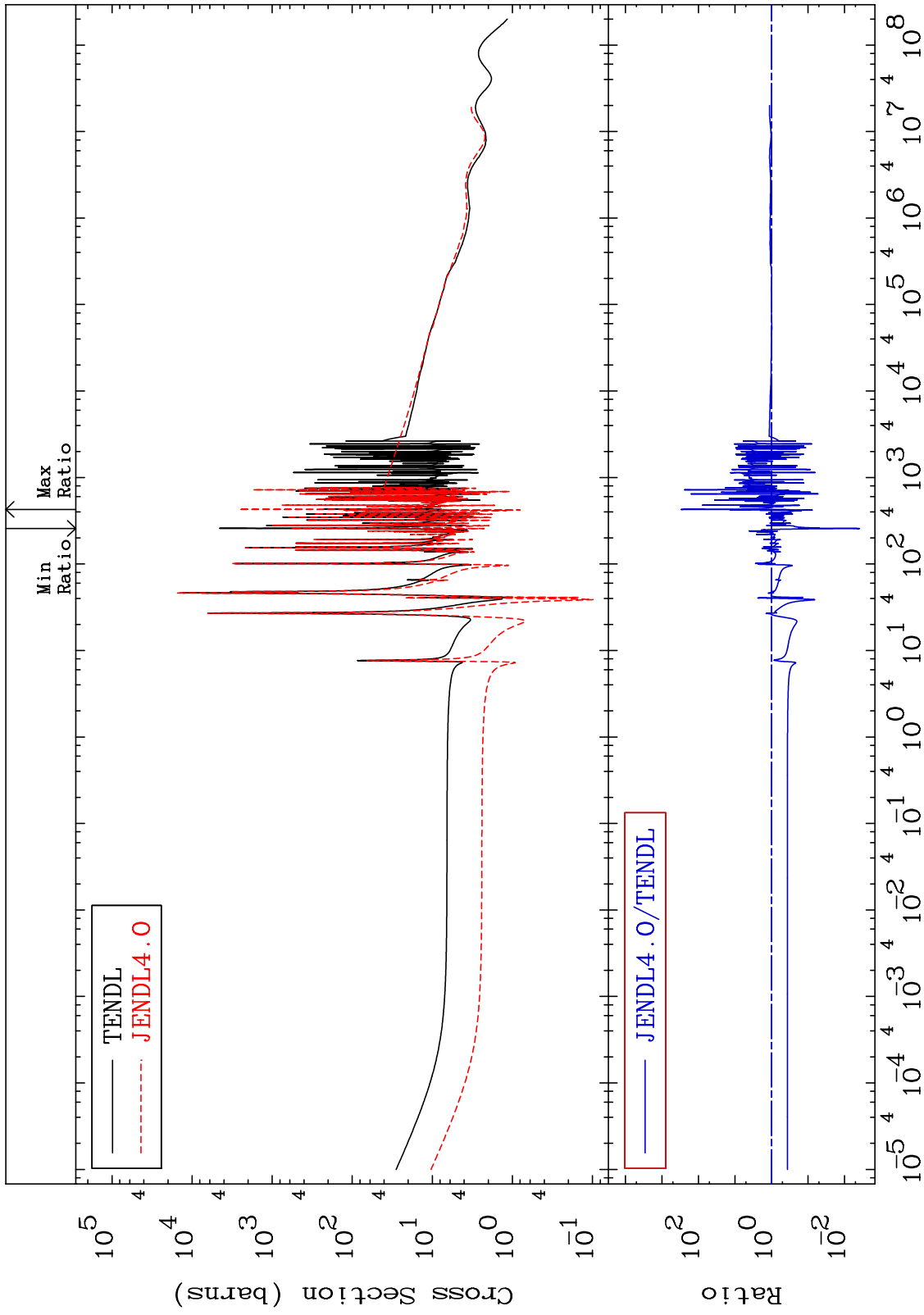
Incident Energy (eV)

74-W -183

MAT 7434

Elastic
Cross Section

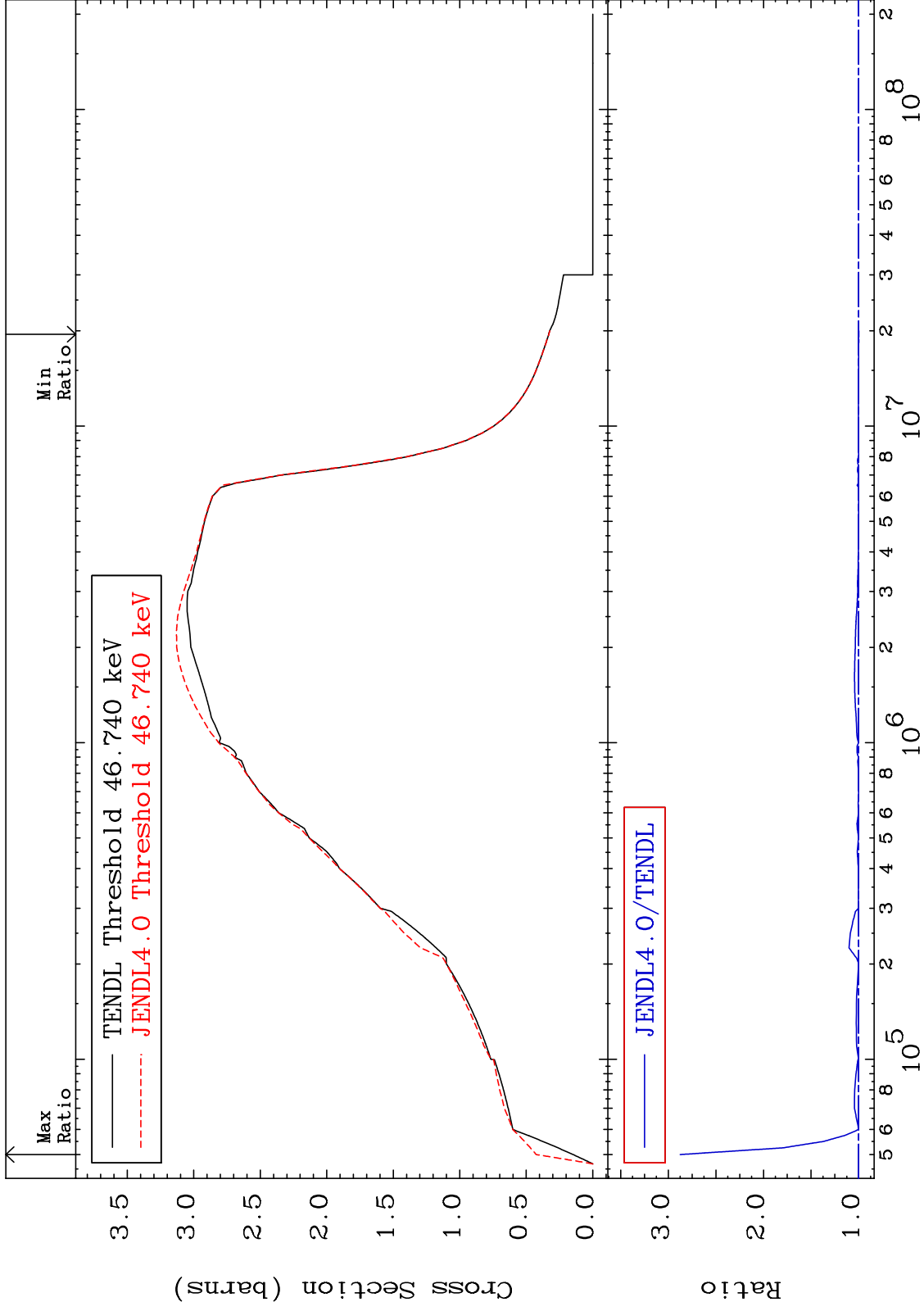
74-W -183
-99.62 To 9999. %



MAT 7434

Inelastic
Cross Section

74-W -183
-0.222 To 187.5 %

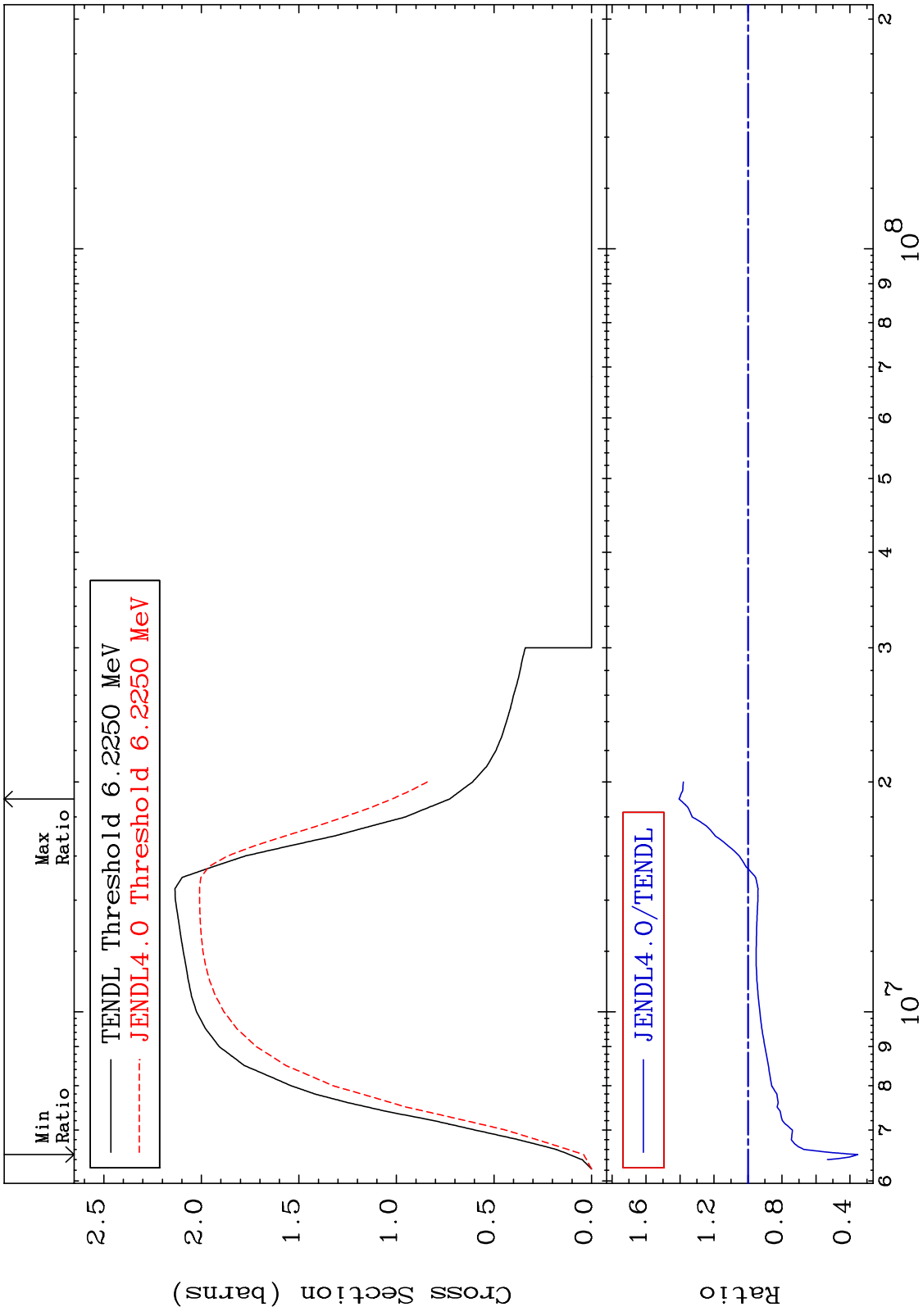


74-W -183

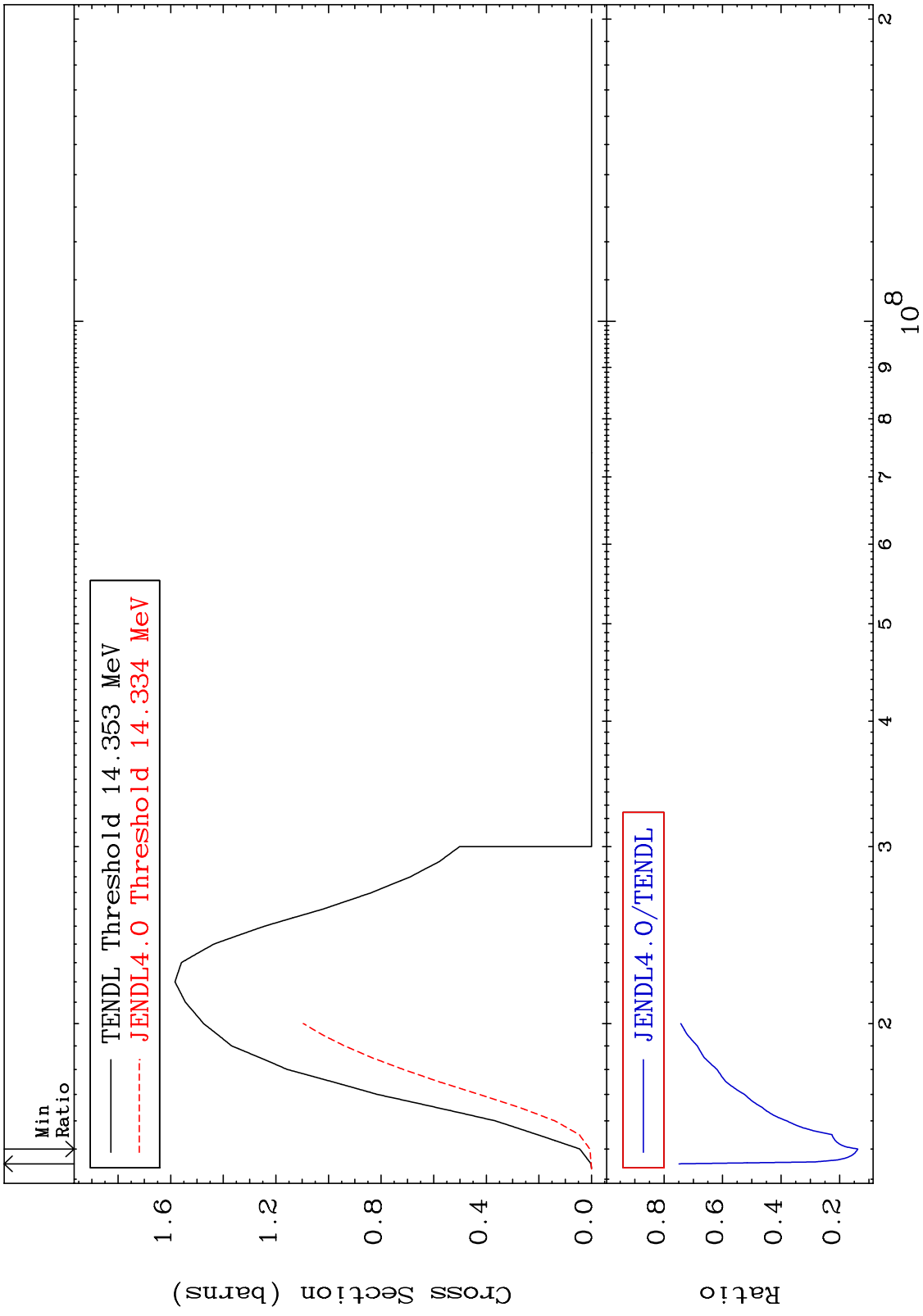
Incident Energy (eV)

3

MAT 7434 (n,2n) Cross Section 74-W -183
 -64.64 To 40.56 %



MAT 7434 (n,3n) Cross Section 74-W -183 -86.24 To -25.13%



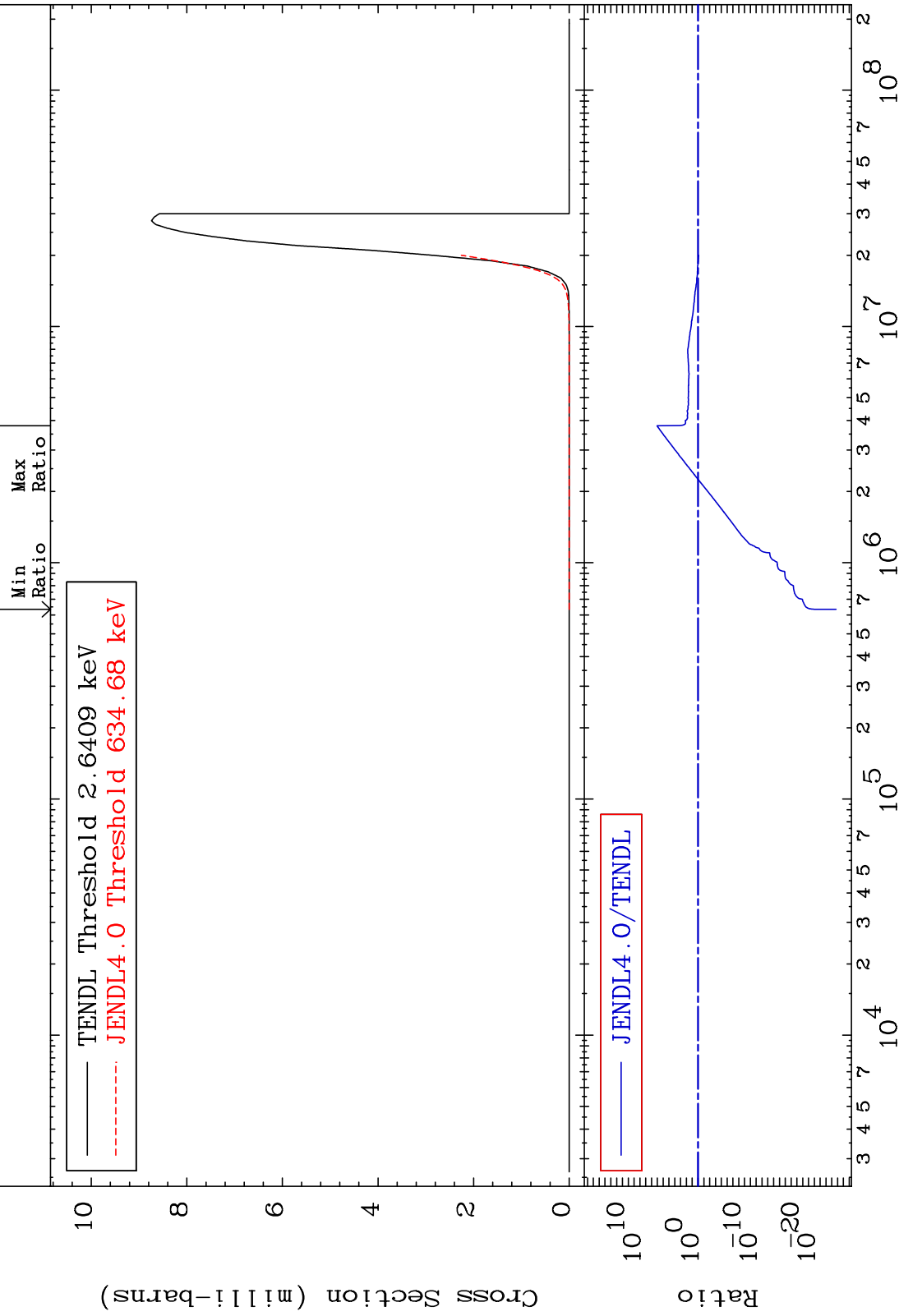
MAT 7434

(n, n') α

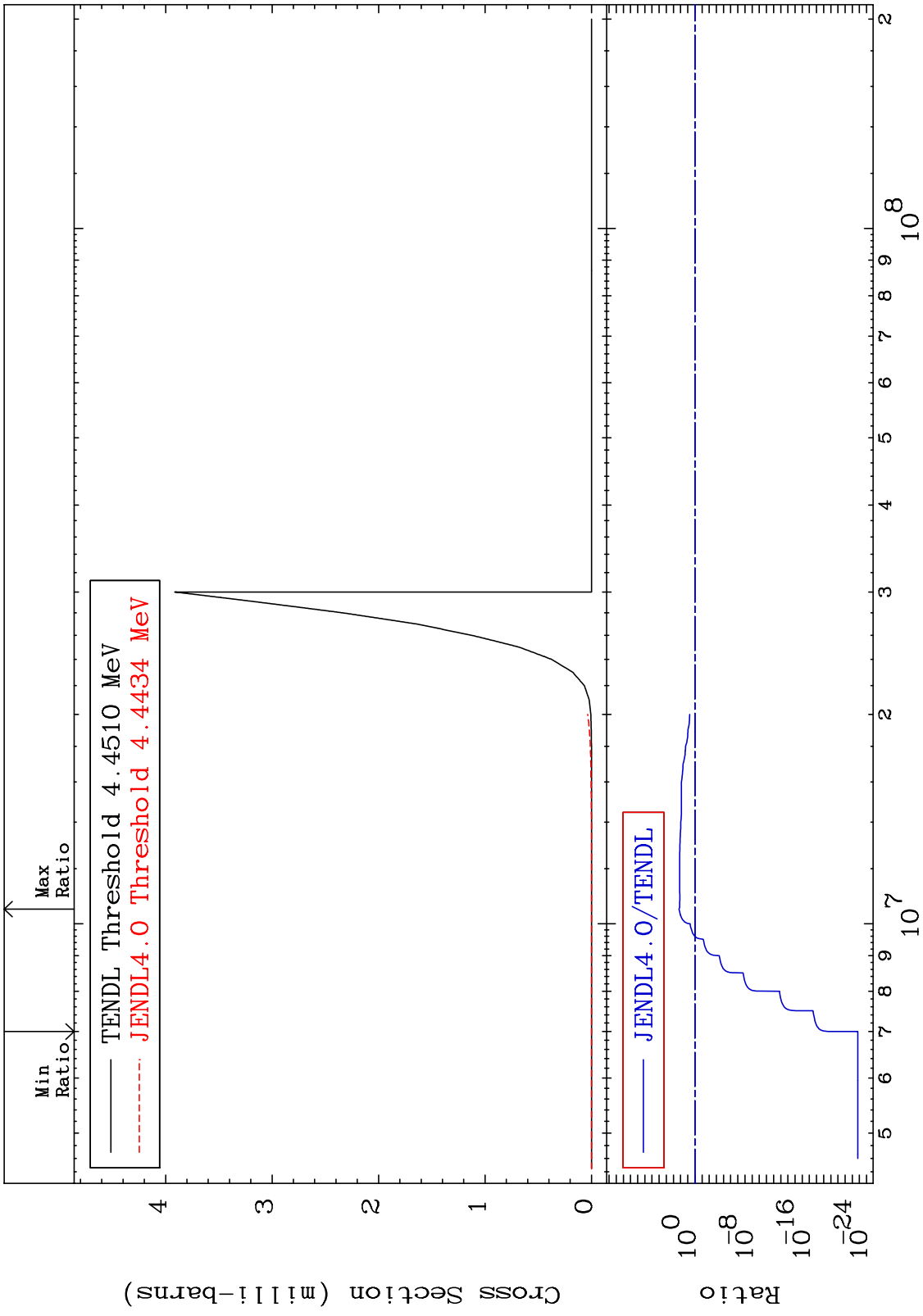
74-W -183

-100.0 To 9999. %

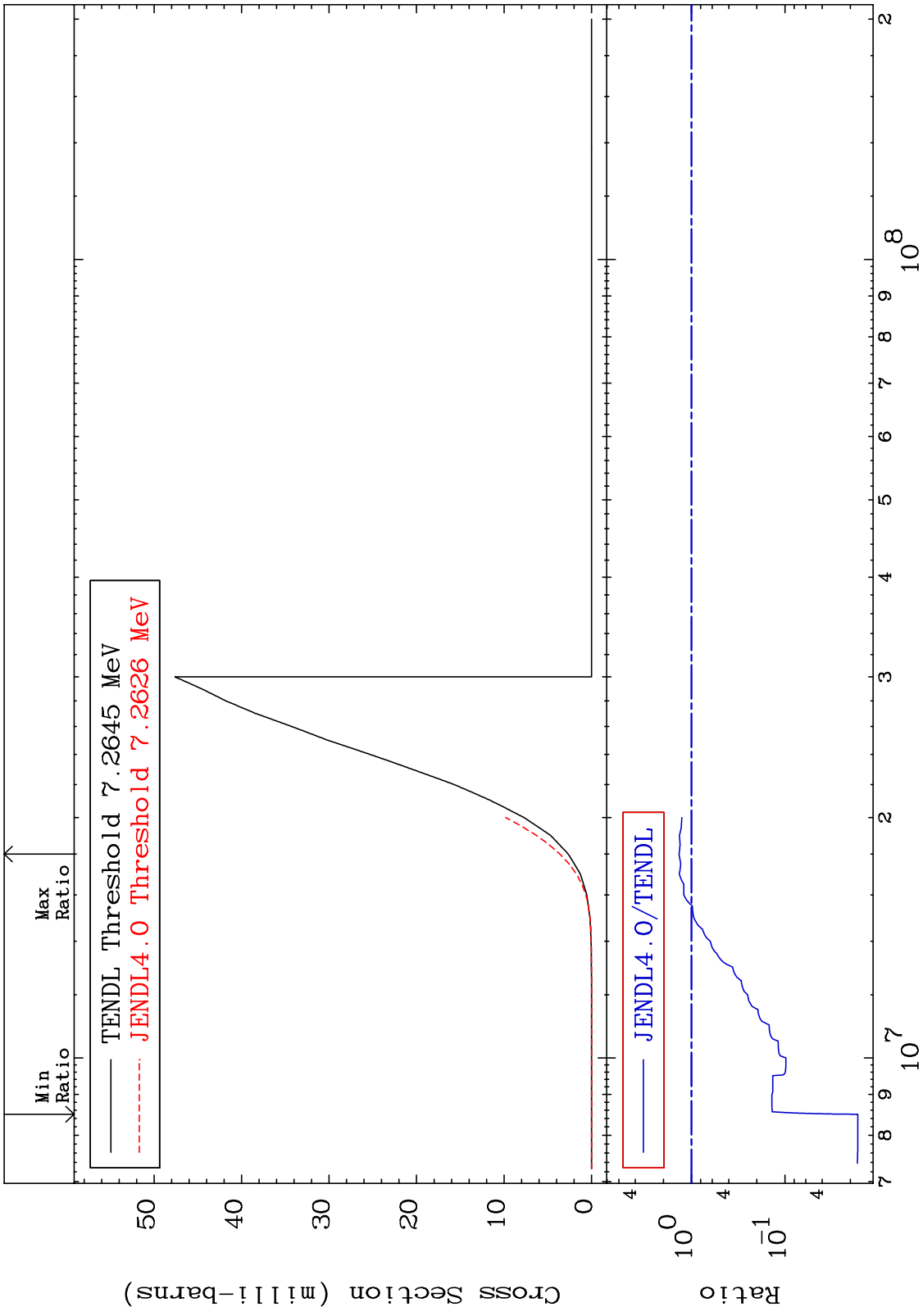
Cross Section



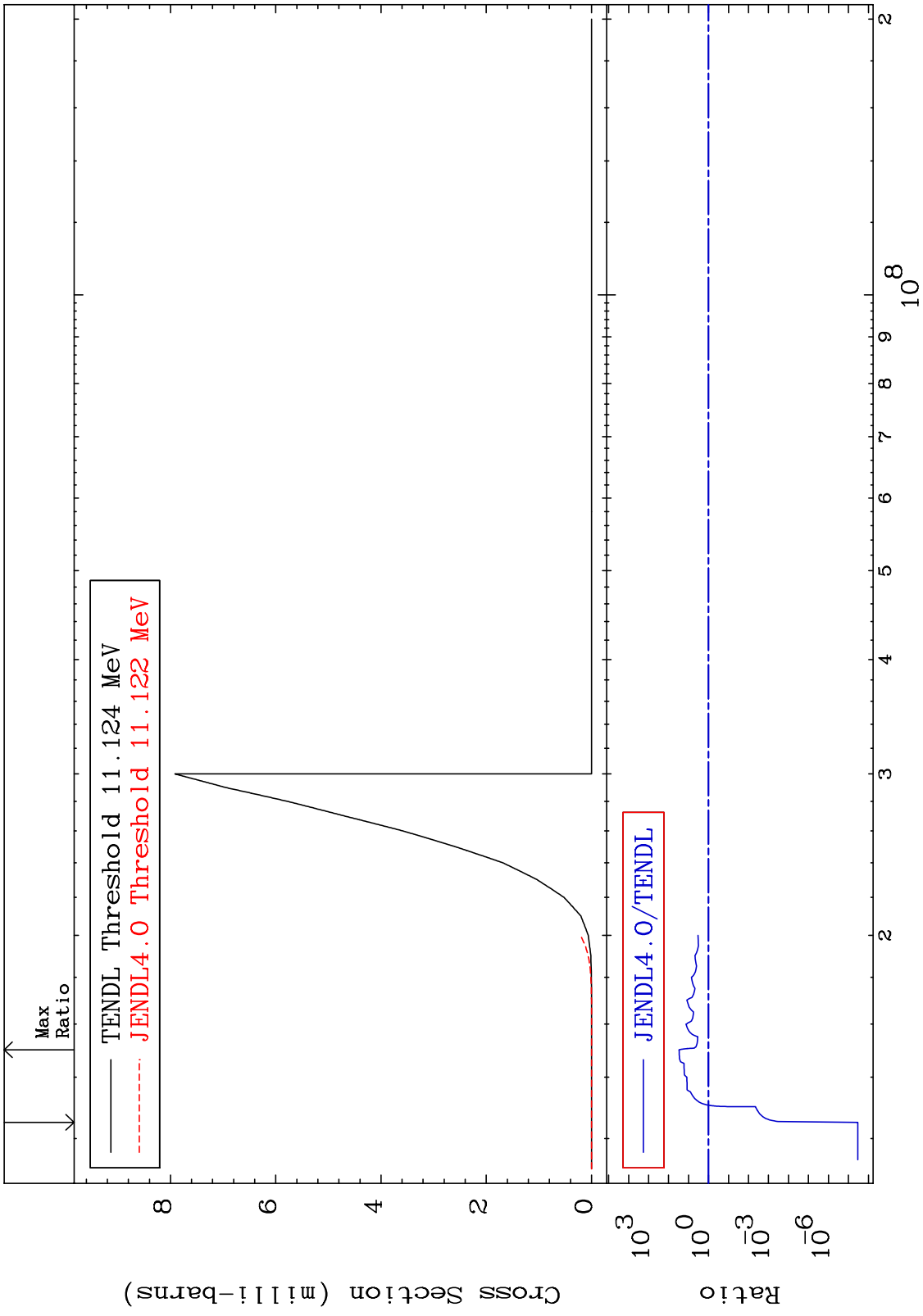
MAT 7434 (n,2n) α 74-W -183
 Cross Section -100.0 To 9999. %



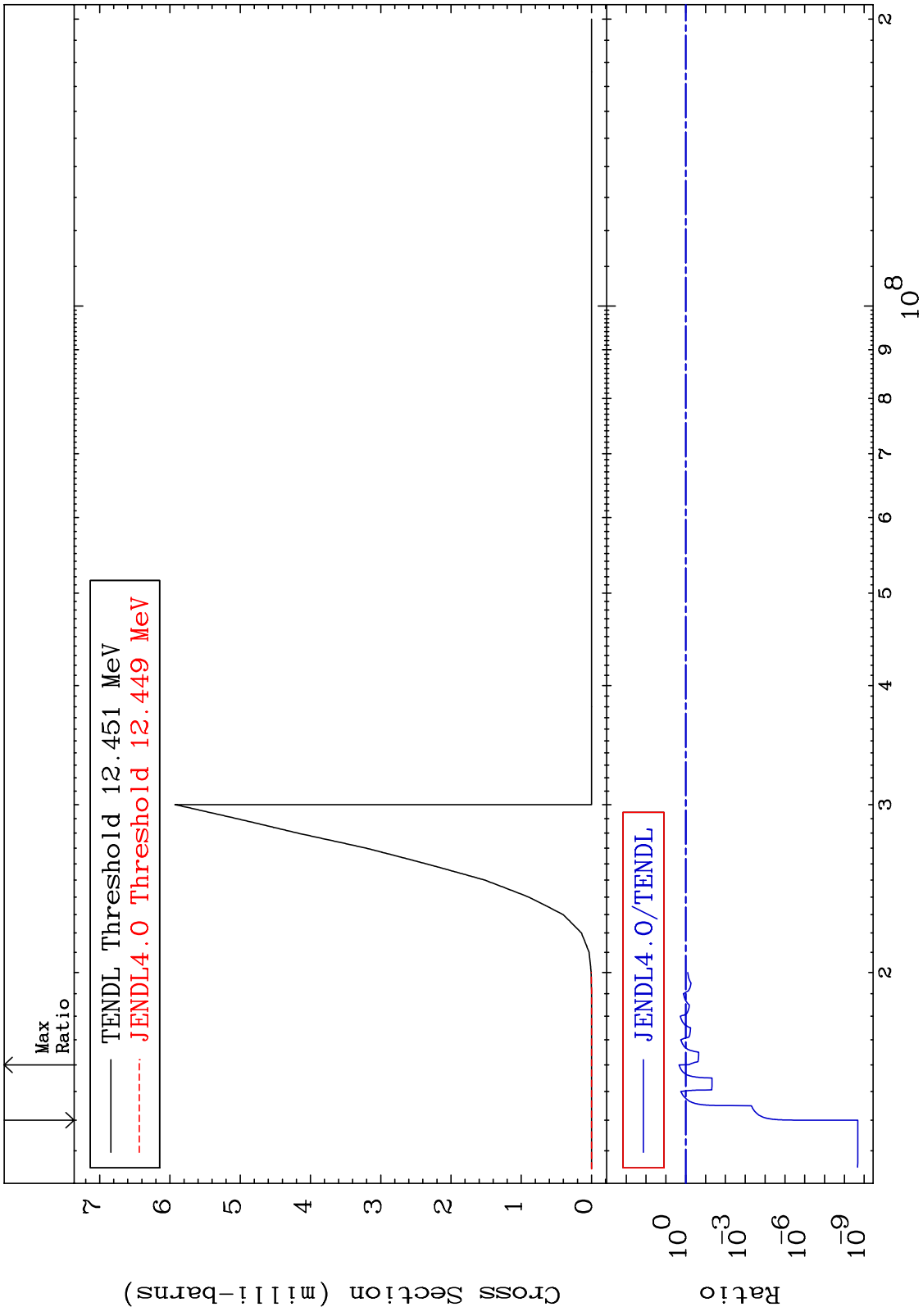
MAT 7434 (n,n') p 74-W -183
 Cross Section -98.34 To 35.97 %



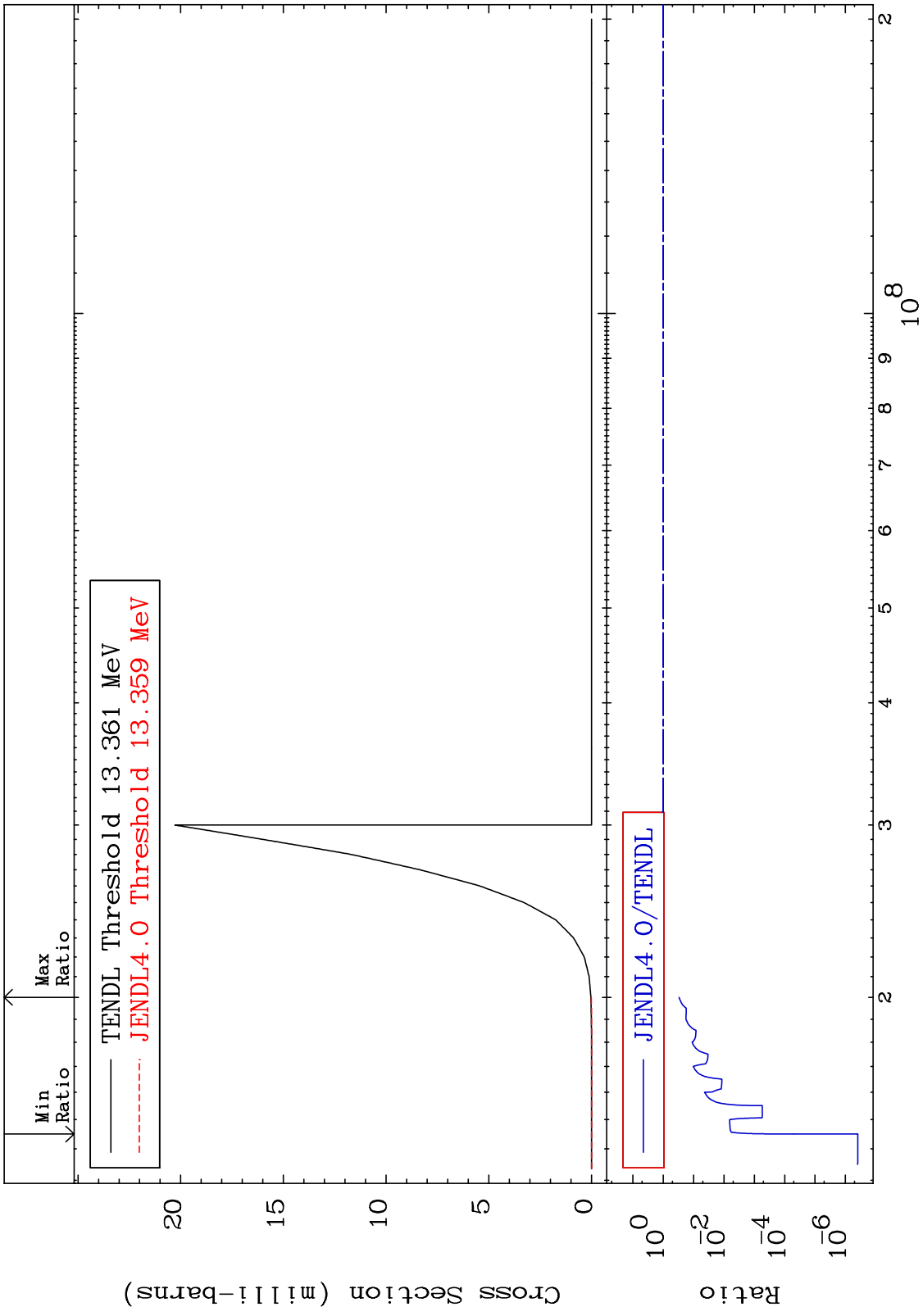
8 74-W -183



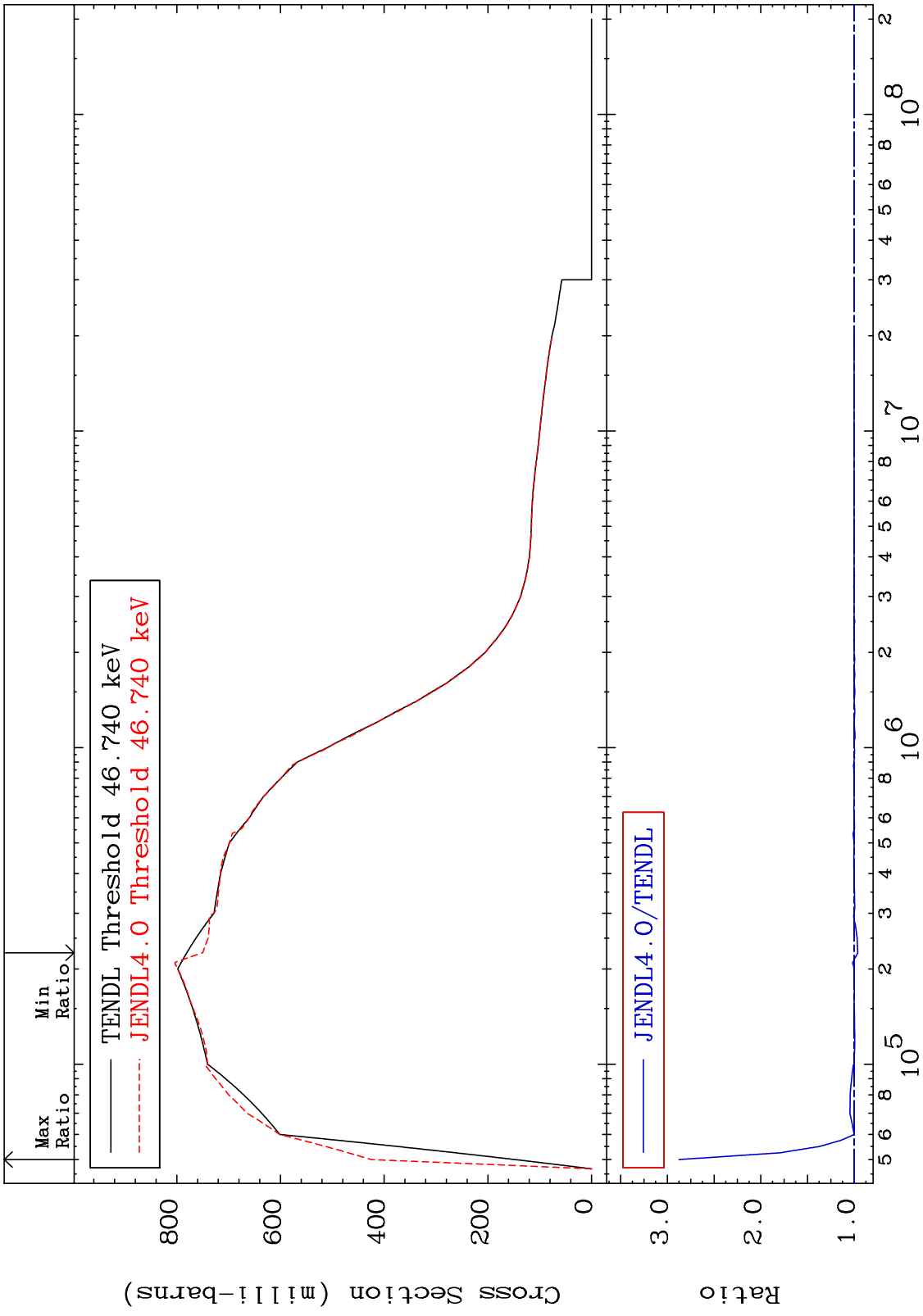
MAT 7434 (n,n') t 74-W -183
 Cross Section -100.0 To 117.2 %



MAT 7434 (n,2n) p 74-W -183
 Cross Section -100.0 To -69.87%

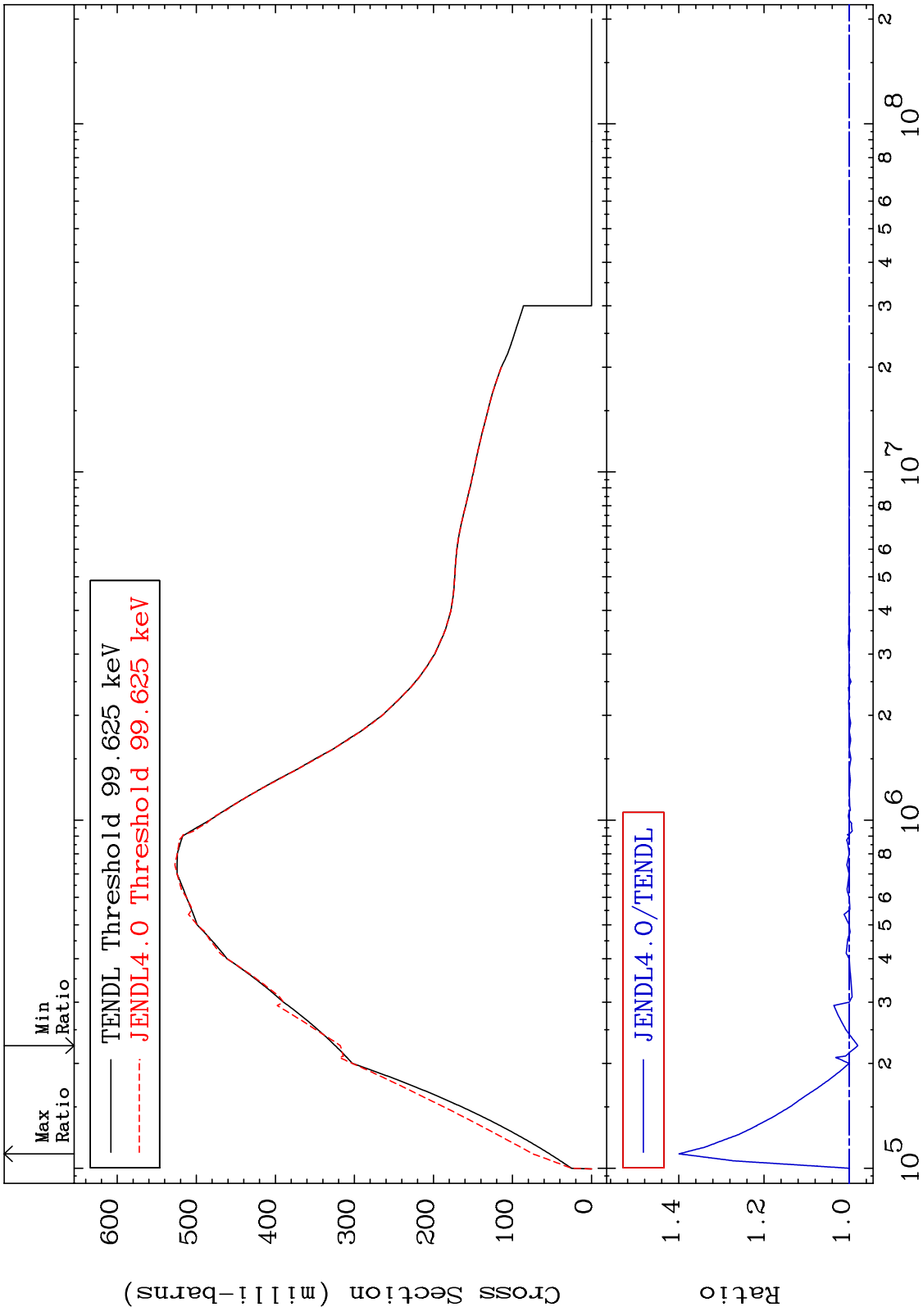


MAT 7434 MT= 51 (n,n') Level Cross Section 74-W -183
 -3.922 To 187.5 %



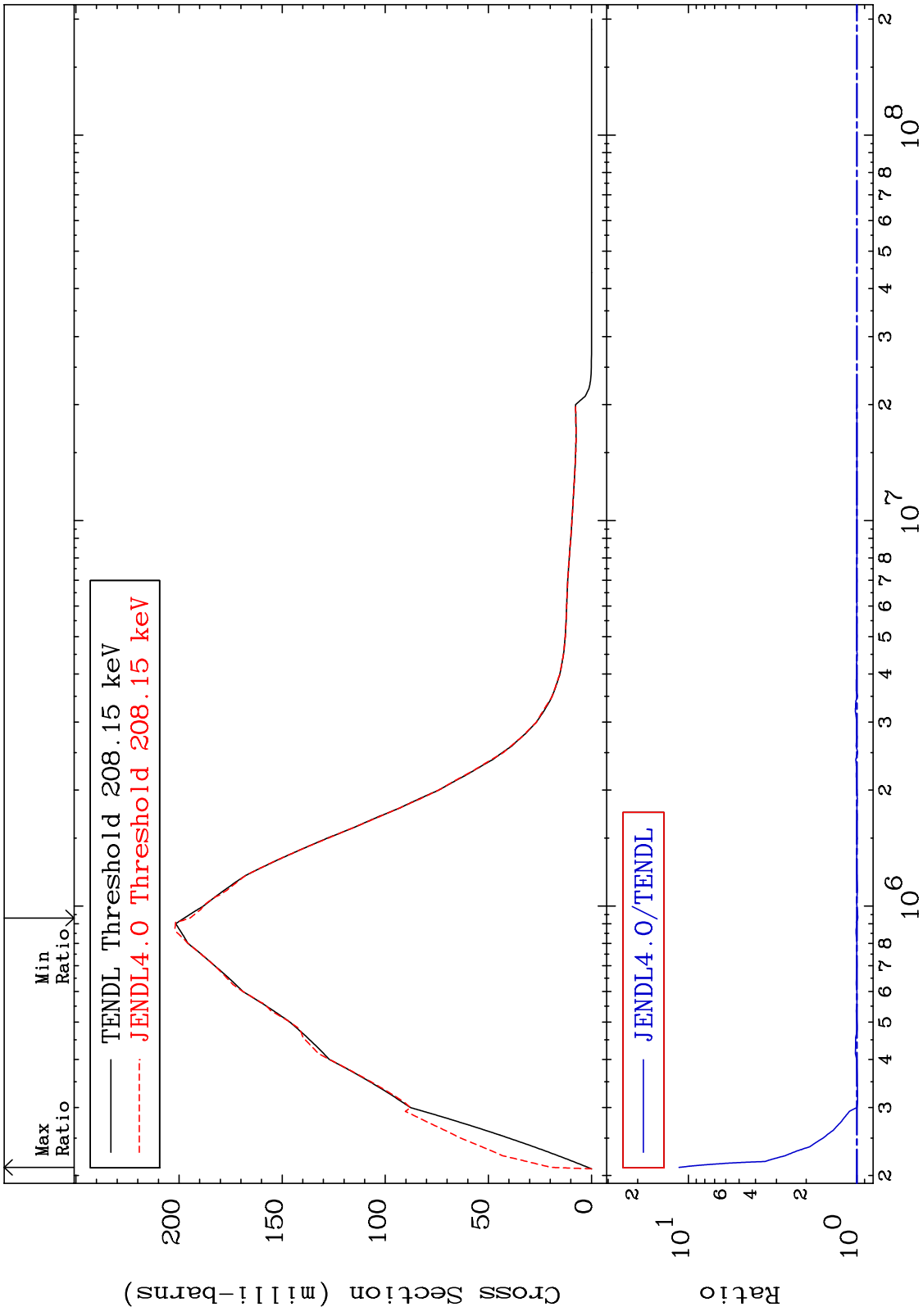
12 74-W -183

MAT 7434 MT= 52 (n,n') Level Cross Section 74-W -183
 -2.028 To 39.92 %

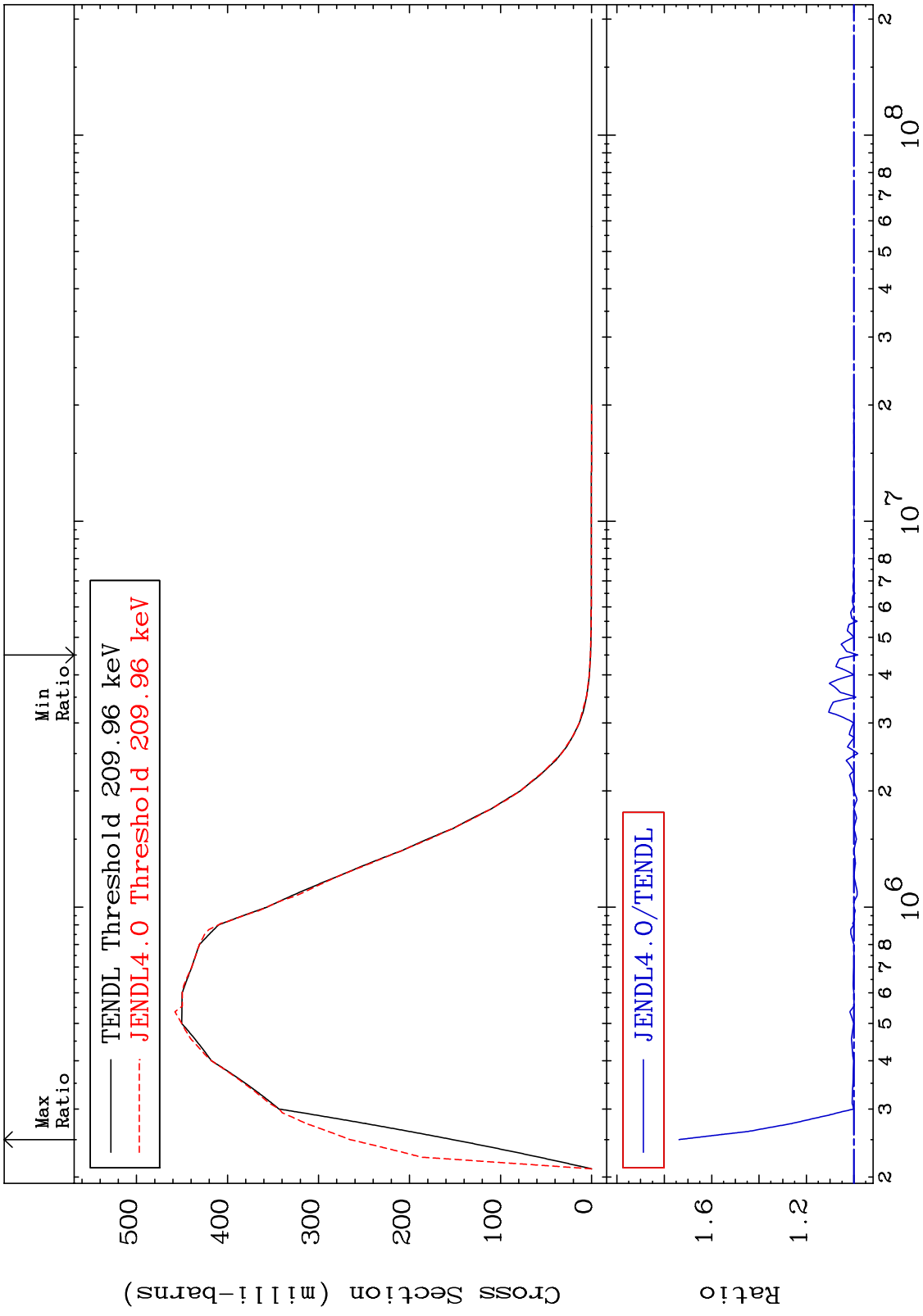


Incident Energy (eV) 74-W -183

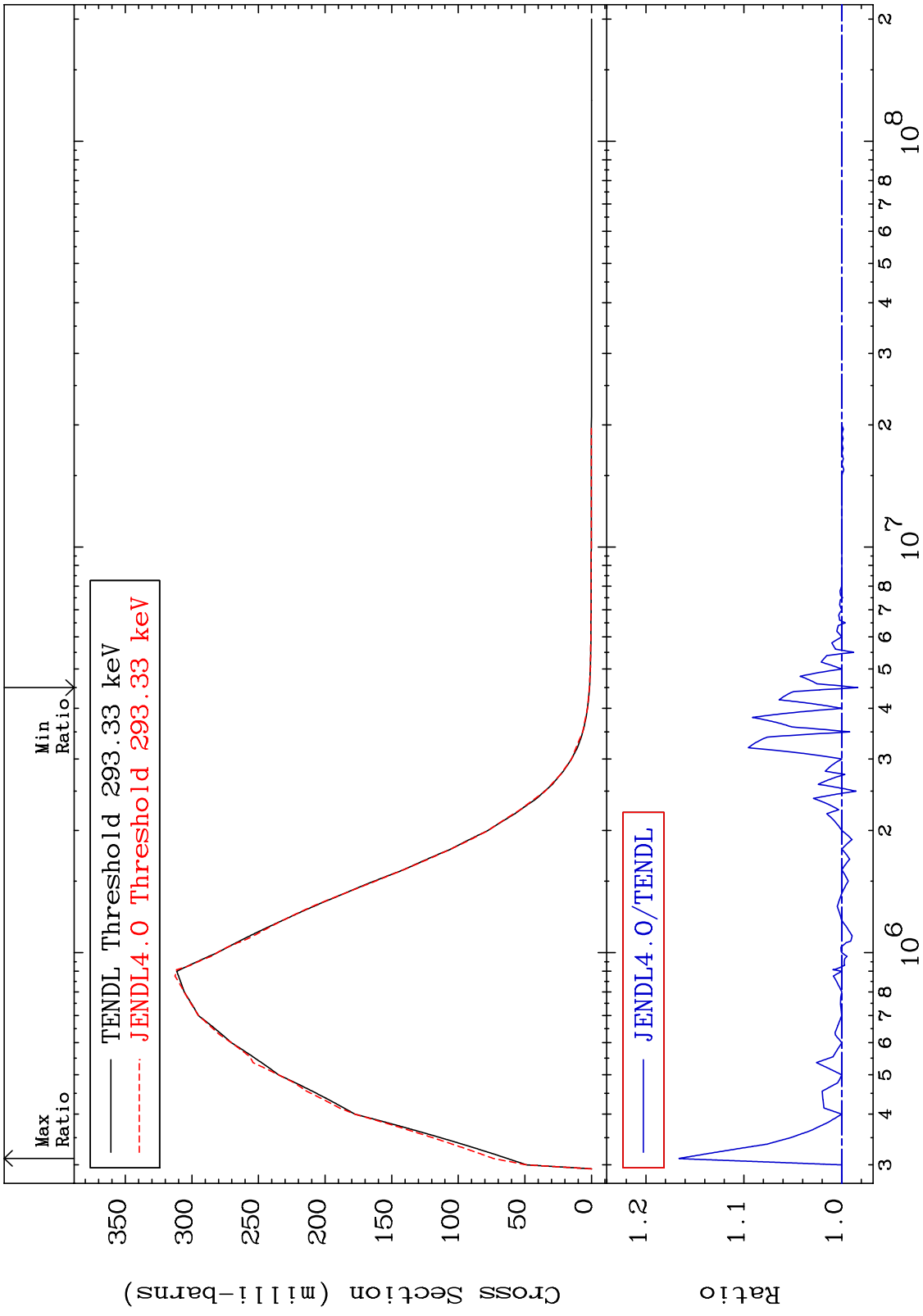
MAT 7434 MT= 53 (n,n') Level Cross Section 74-W -183
 -1.385 To 1037. %



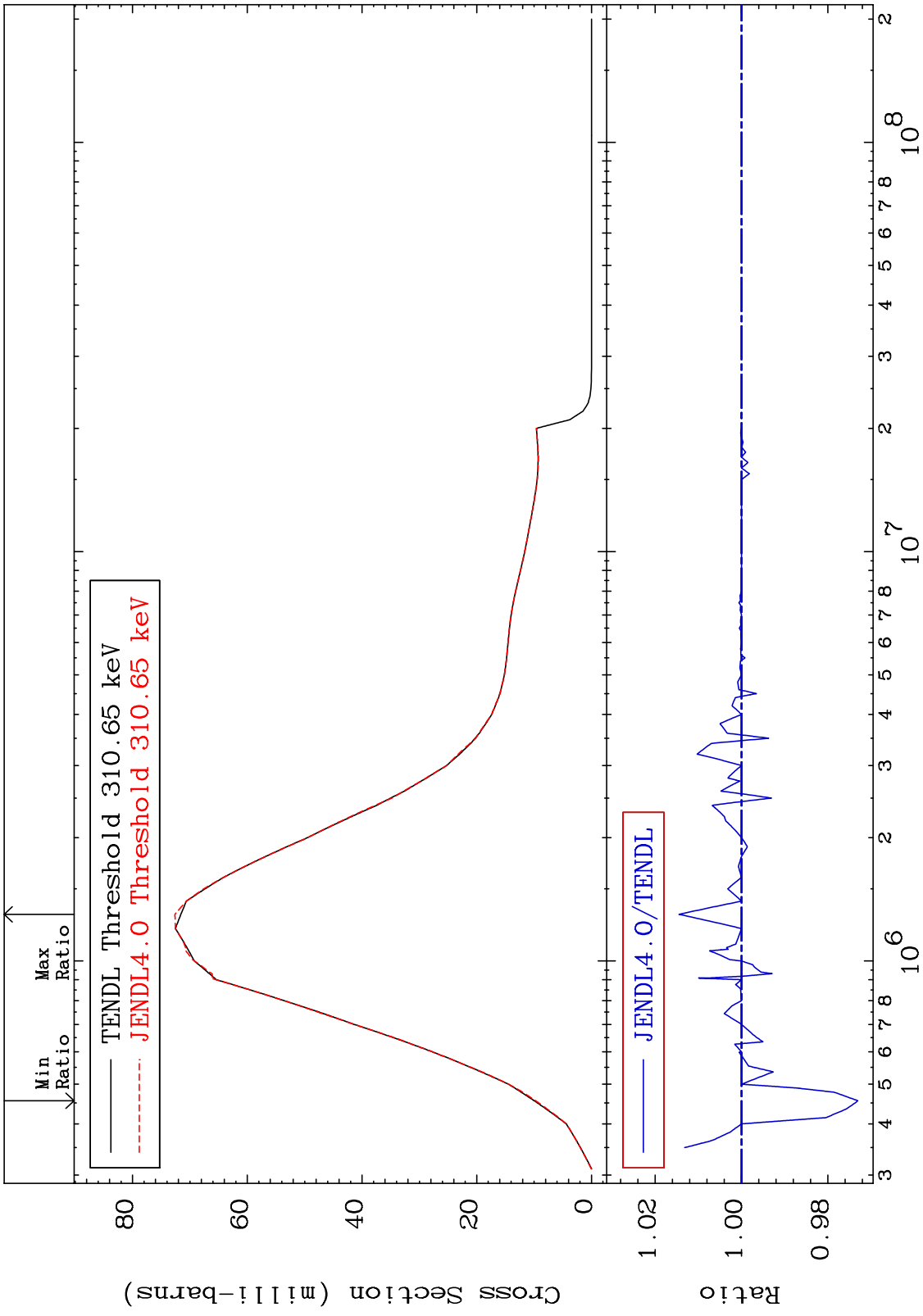
MAT 7434 MT= 54 (n,n') Level Cross Section -1.702 To 73.77 % 74-W -183



MAT 7434 MT= 55 (n,n') Level Cross Section 74-W -183
 -1.640 To 16.62 %

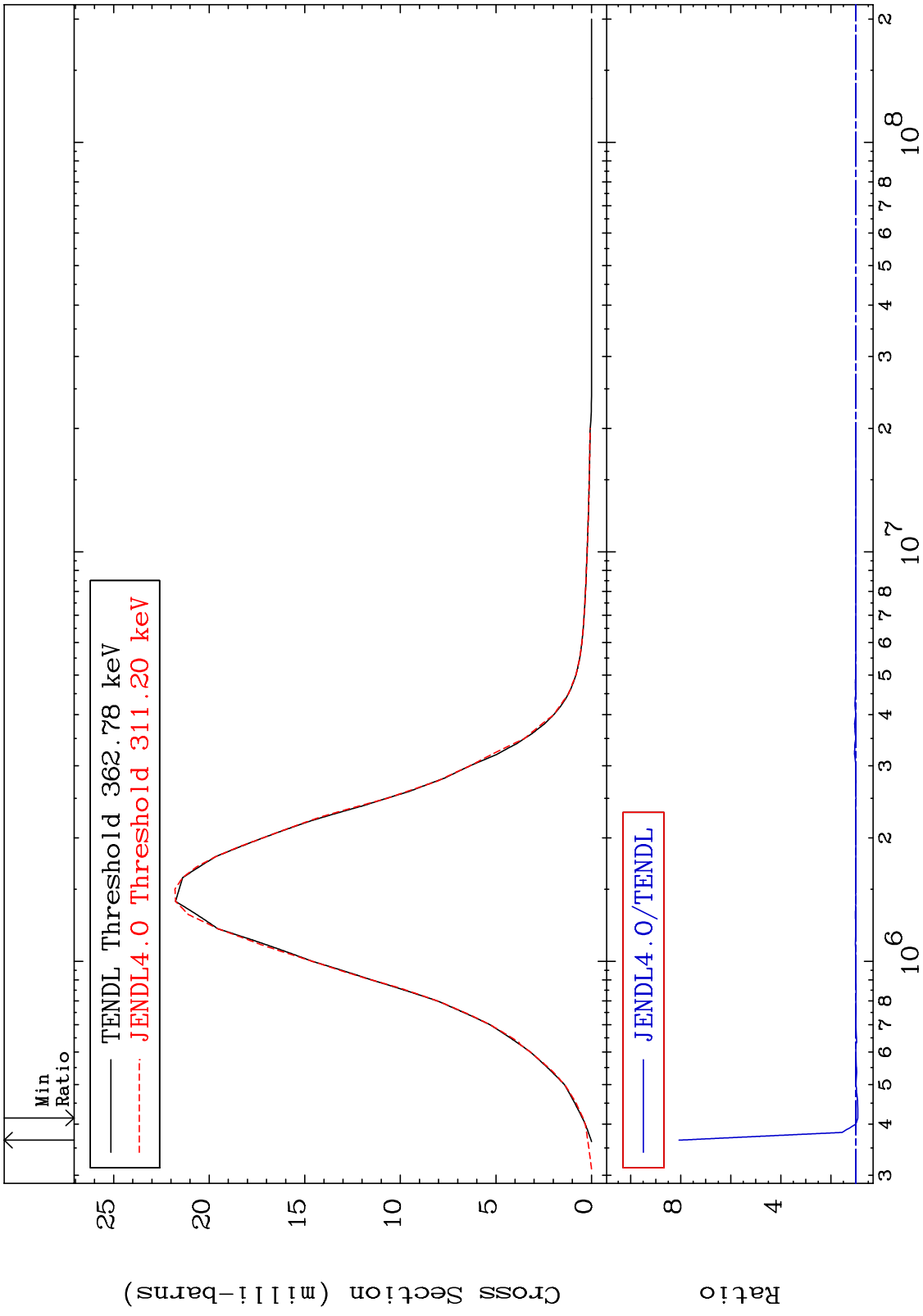


MAT 7434 MT= 56 (n,n') Level Cross Section 74-W -183
 -2.693 To 1.447 %

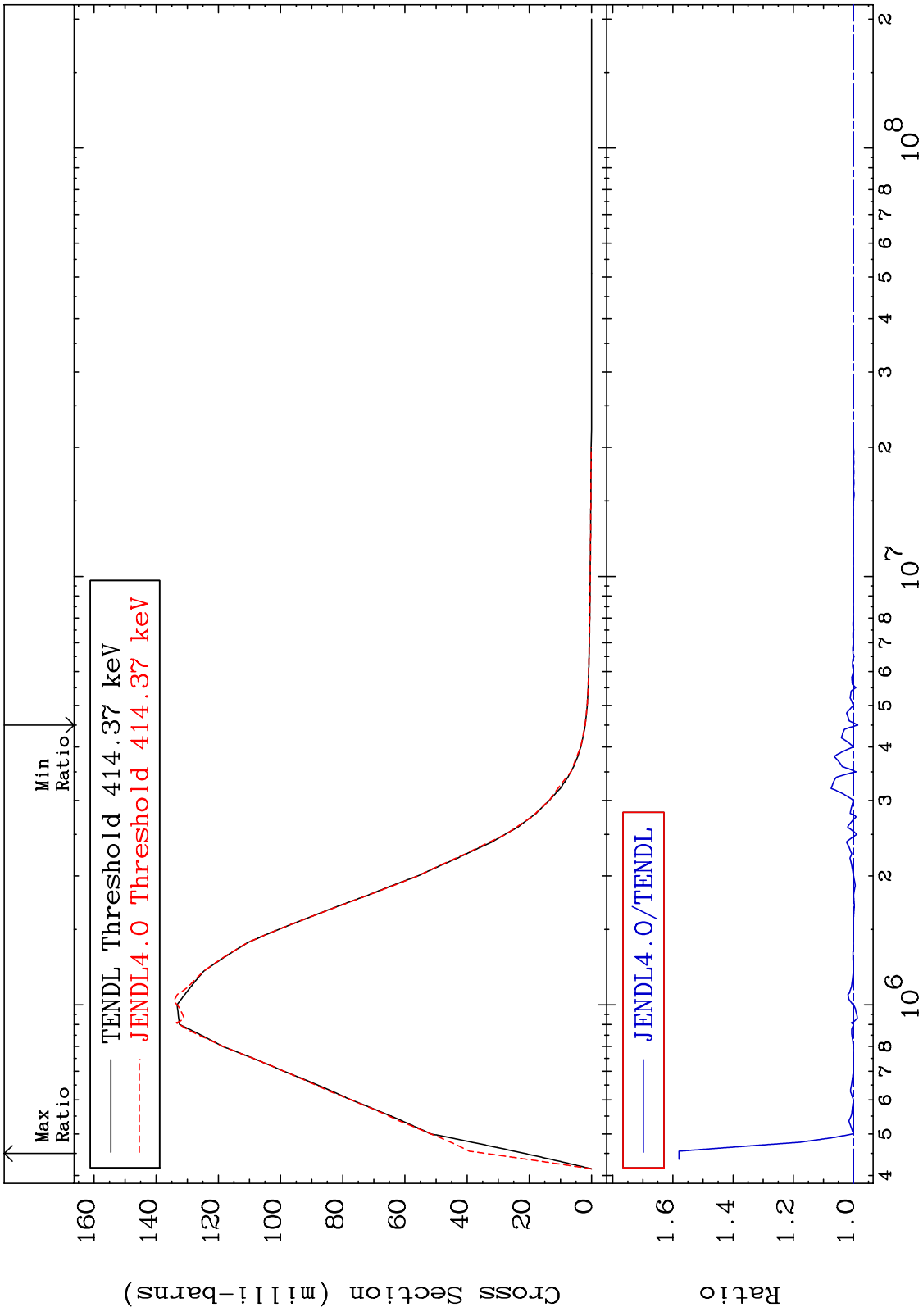


17 74-W -183

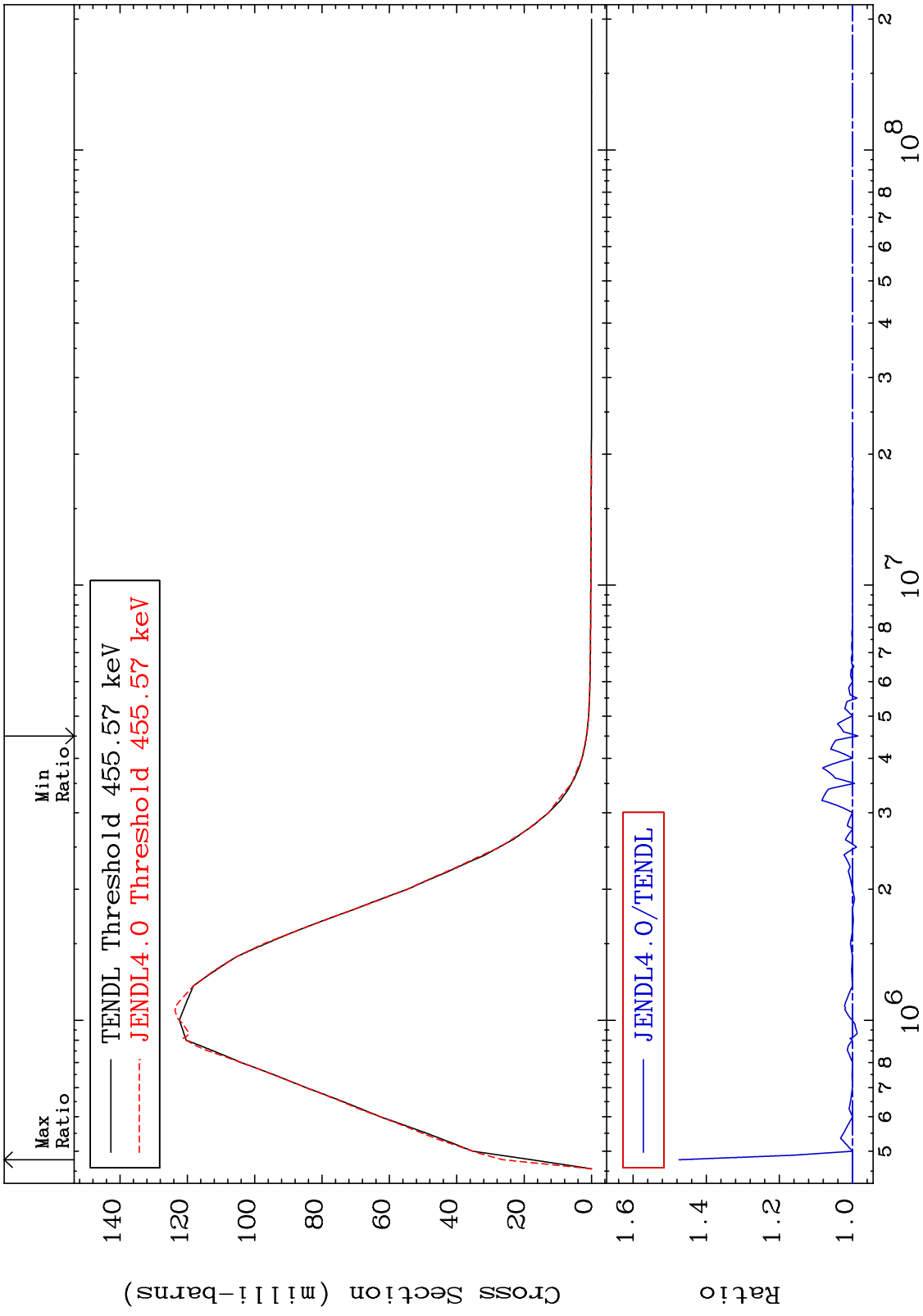
MAT 7434 MT= 57 (n,n') Level Cross Section 74-W -183
 -7.909 To 706.7 %



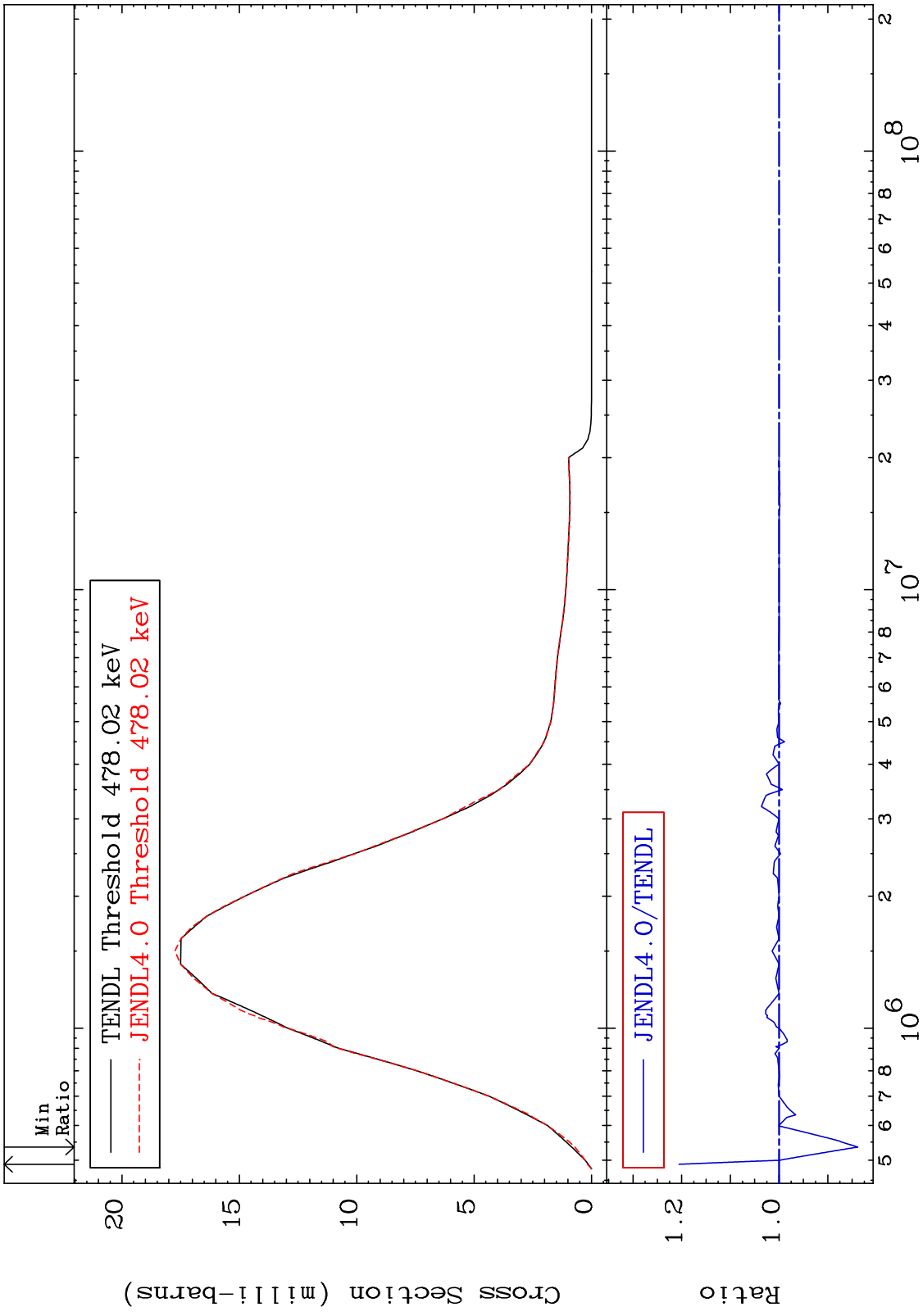
MAT 7434 MT= 58 (n,n') Level Cross Section 74-W -183
 -1.447 To 57.96 %



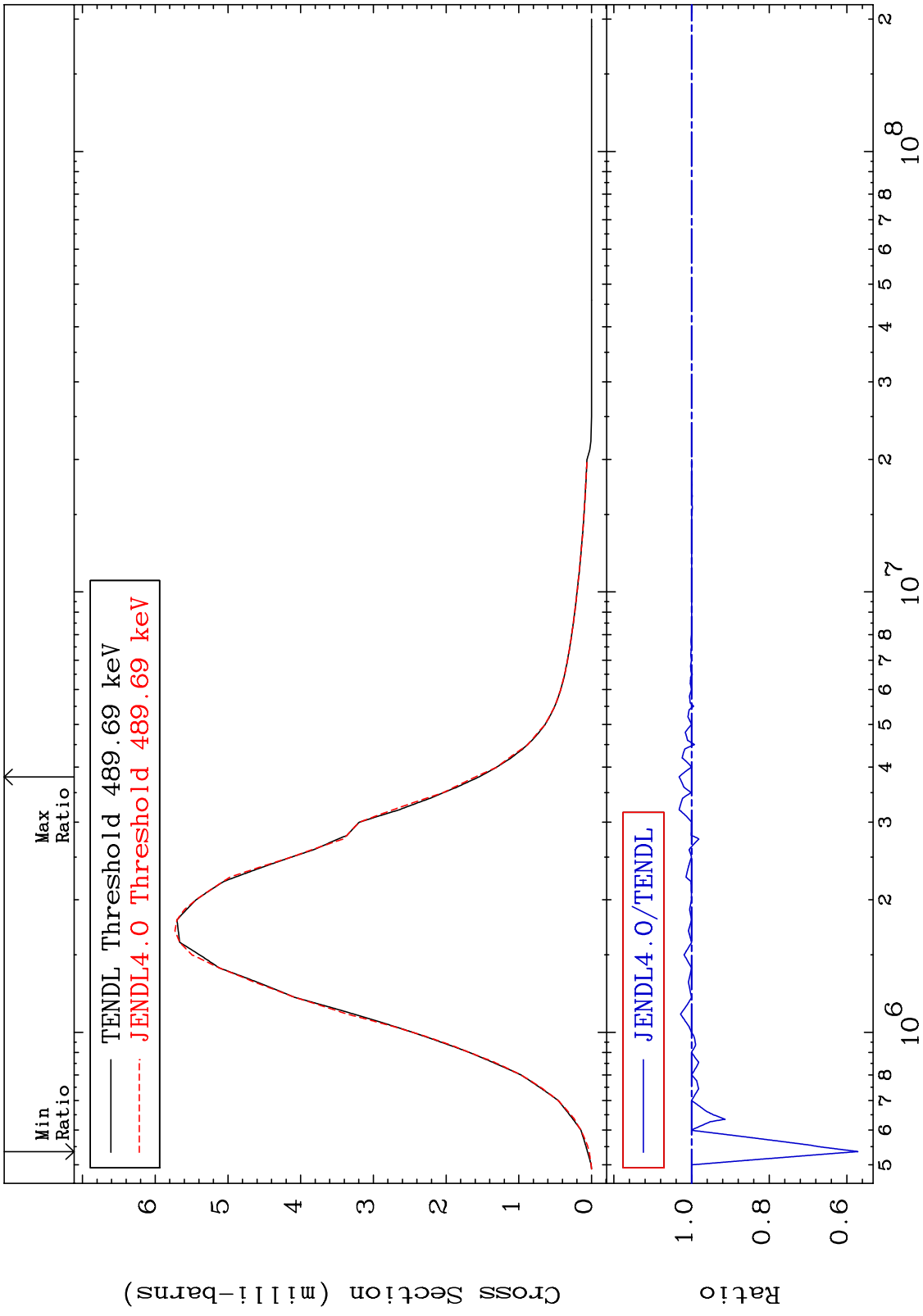
MAT 7434 MT= 59 (n,n') Level Cross Section 74-W -183
 -1.464 To 47.45 %



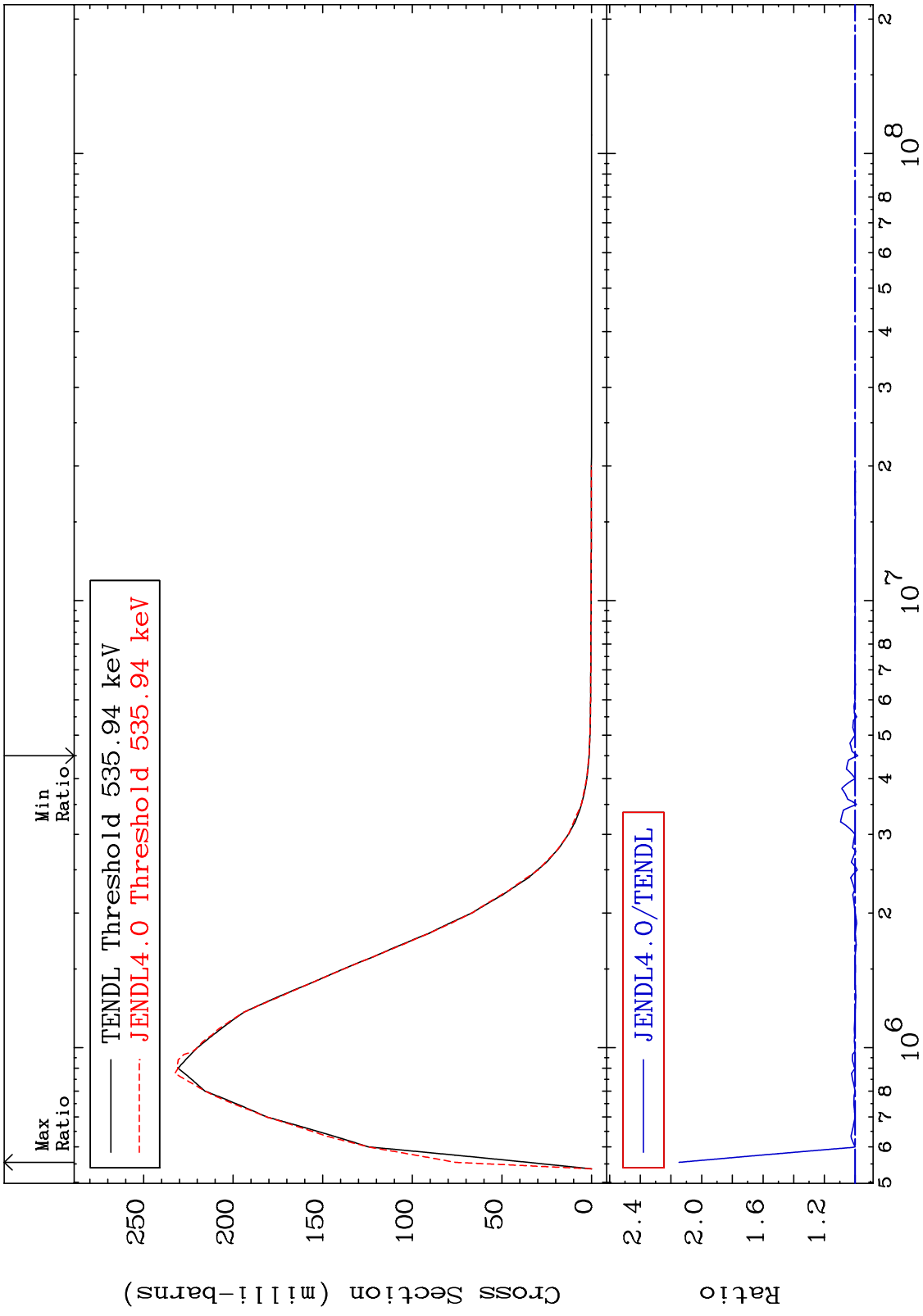
MAT 7434 MT= 60 (n,n') Level Cross Section -16.18 To 20.54 % 74-W -183



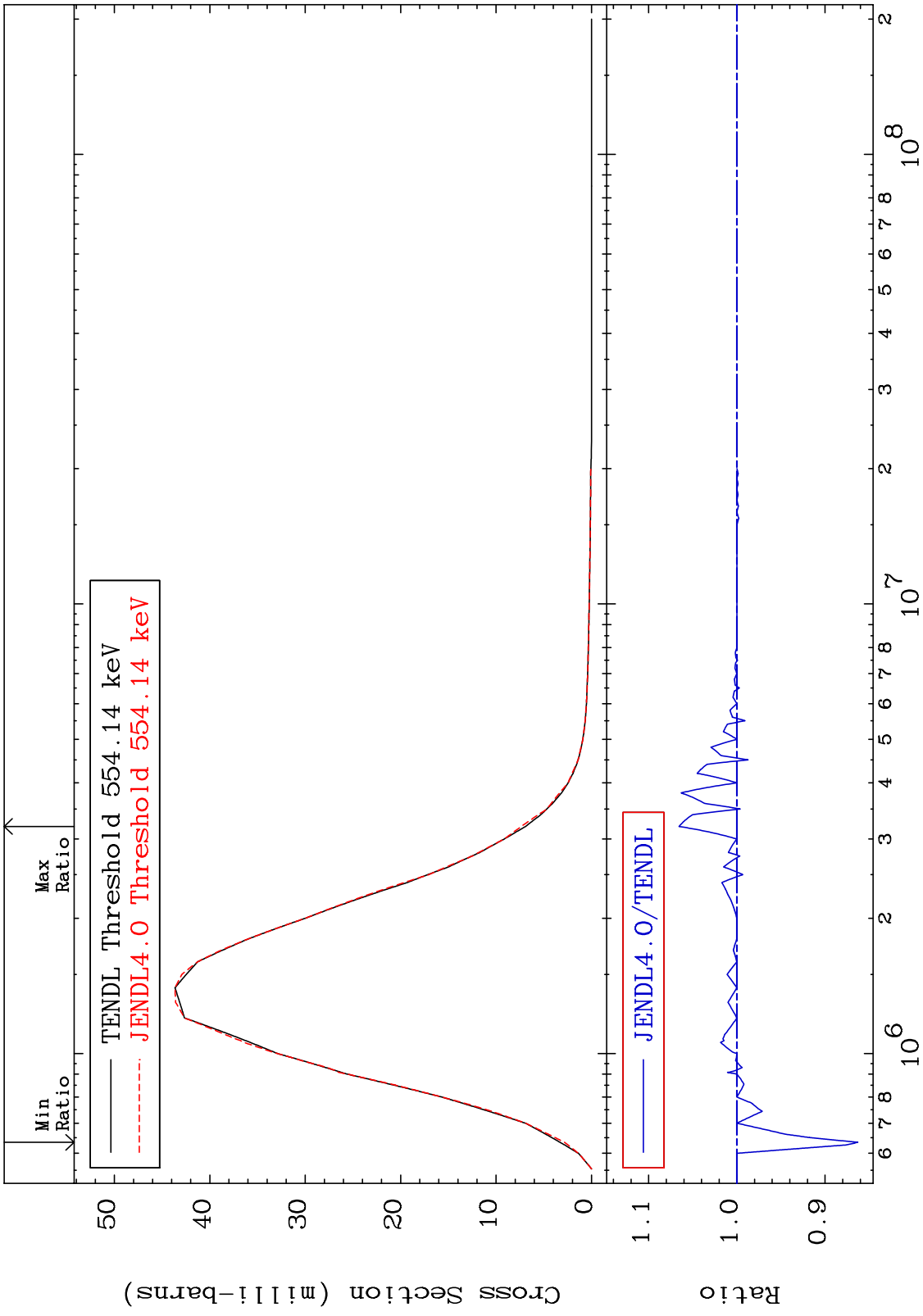
MAT 7434 MT= 61 (n,n') Level Cross Section 74-W -183
 -42.82 To 3.229 %



MAT 7434 MT= 62 (n,n') Level Cross Section 74-W -183
 -1.770 To 114.7 %



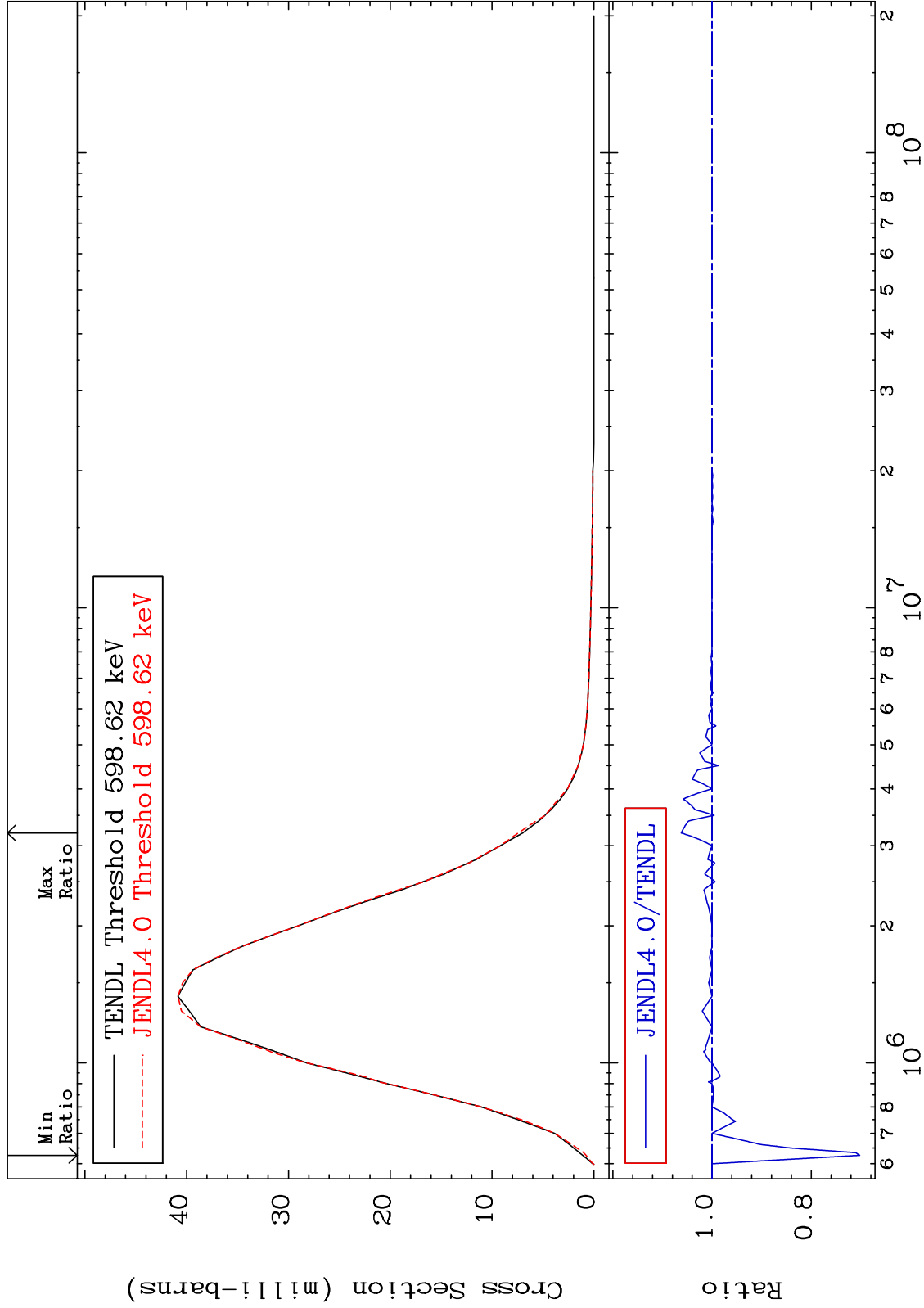
MAT 7434 MT= 63 (n,n') Level Cross Section -13.71 To 6.554 % 74-W -183



MAT 7434

MT= 64 (n,n') Level
Cross Section

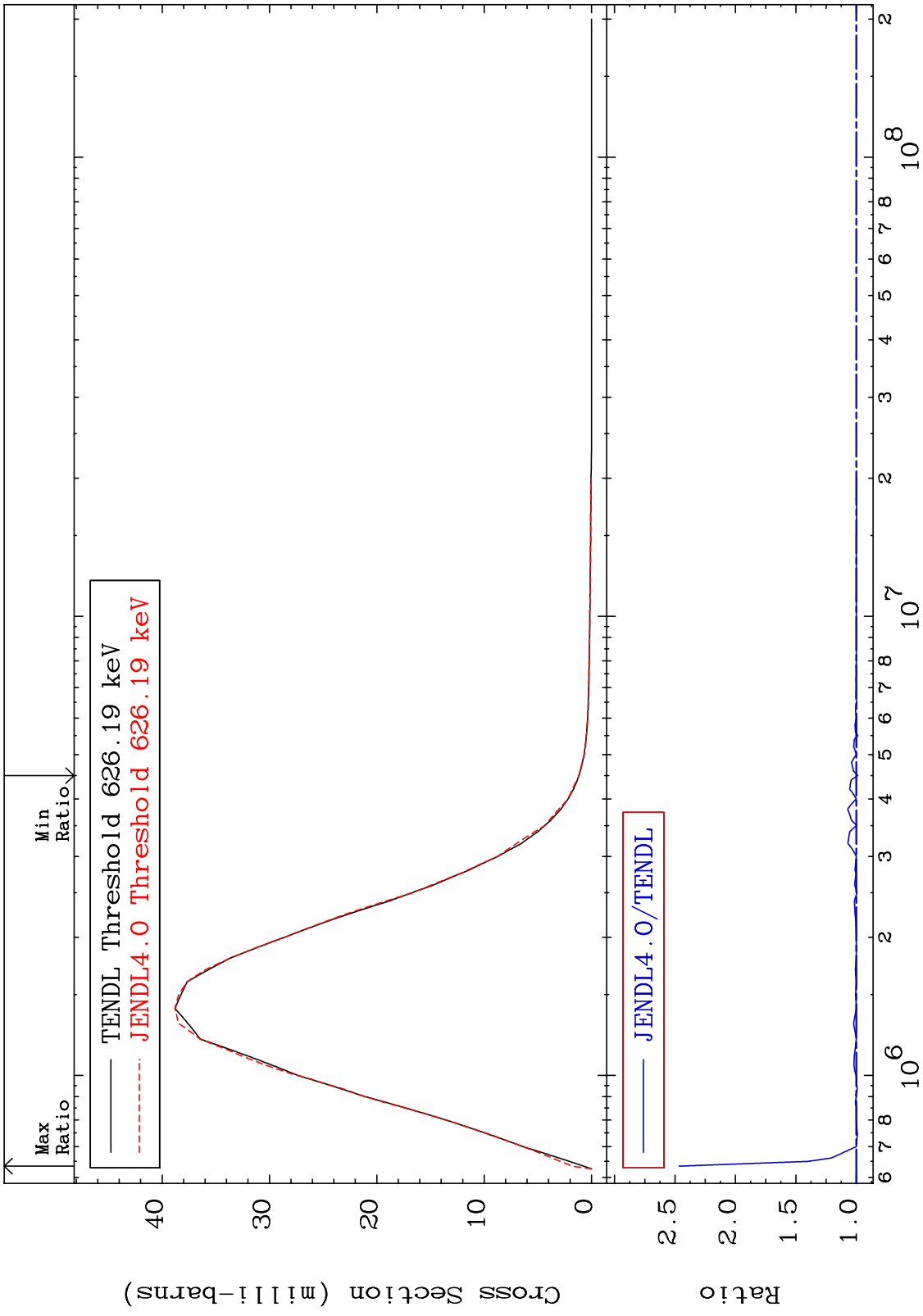
74-W -183
-29.79 To 6.207 %



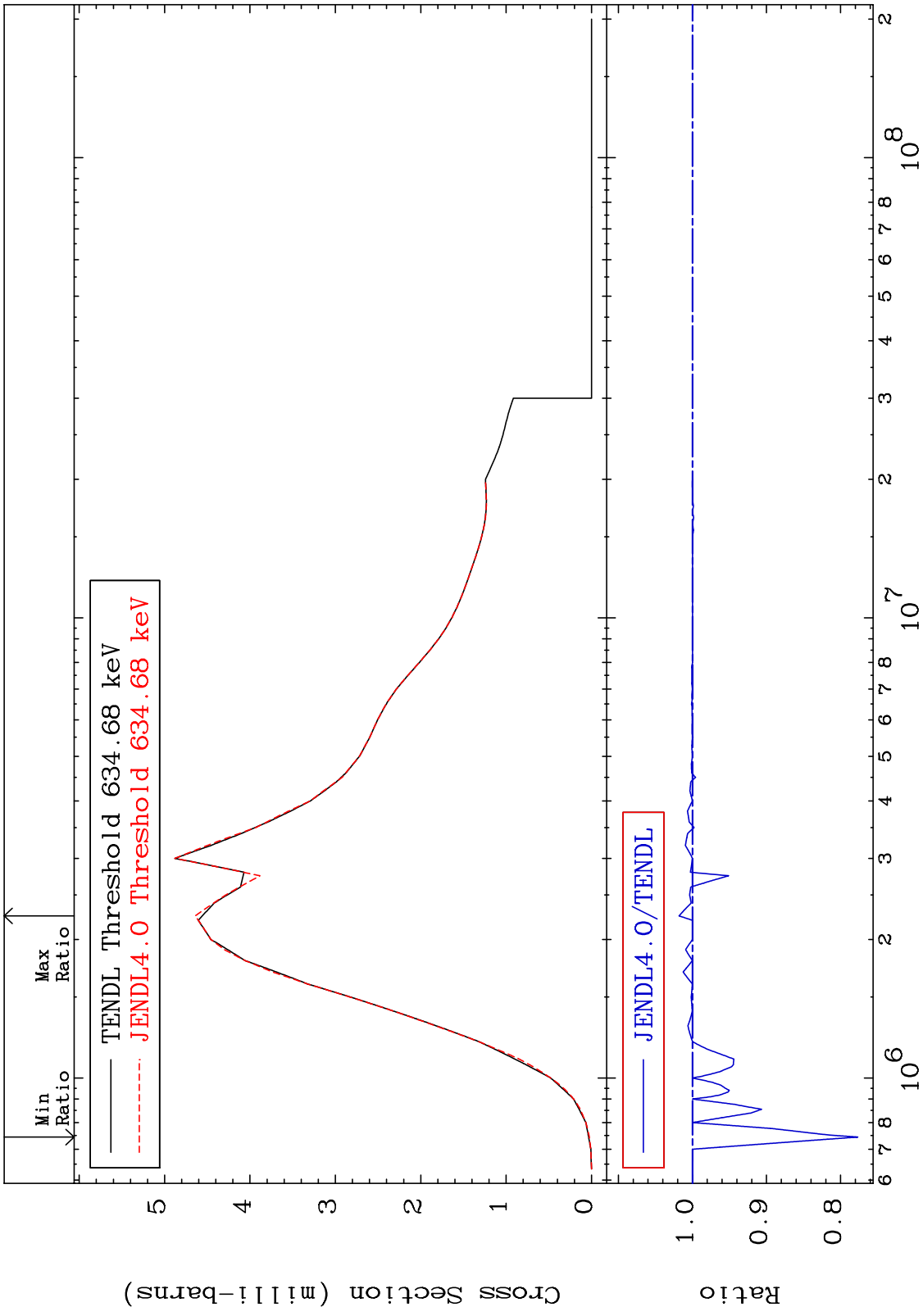
25

74-W -183

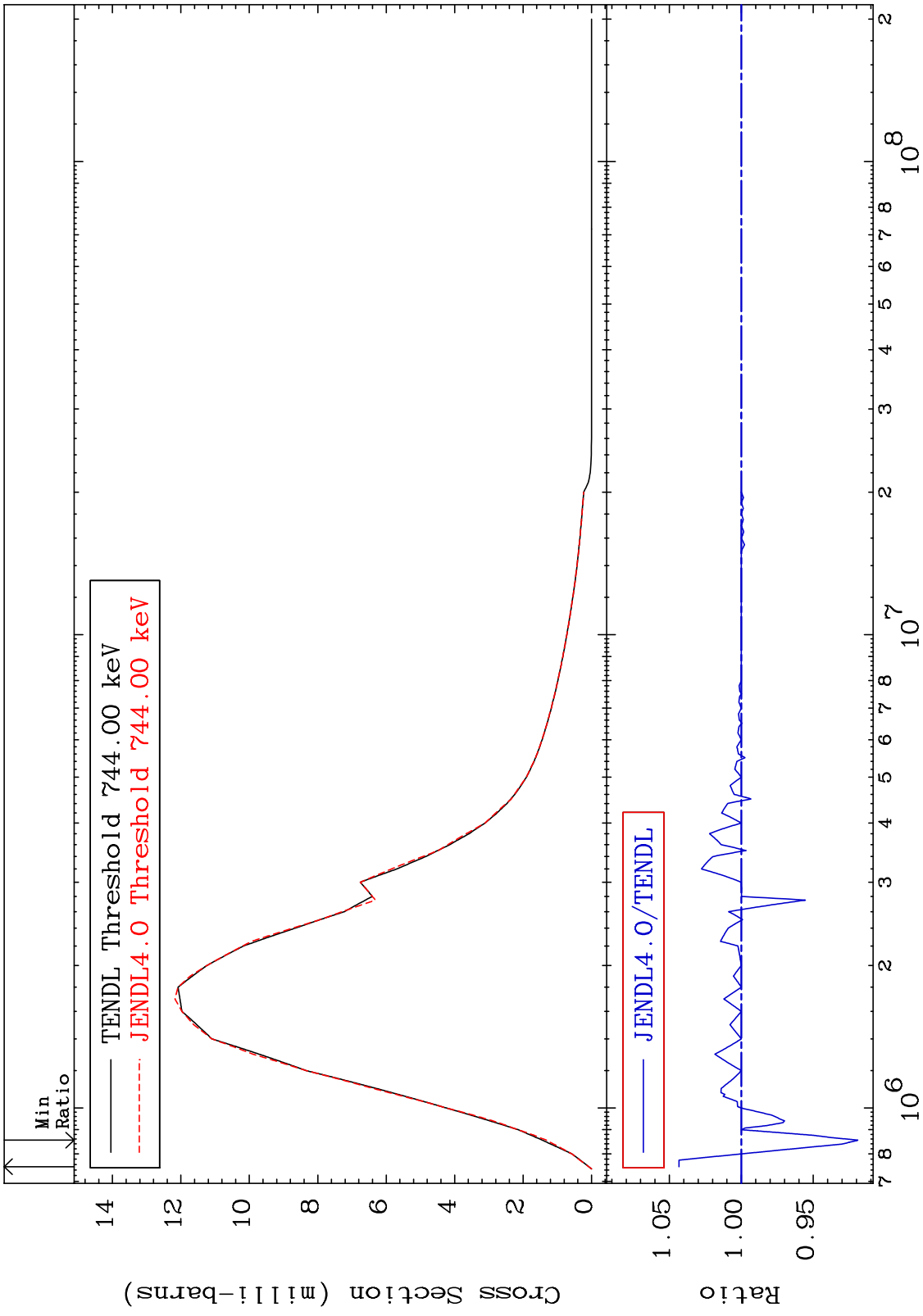
MAT 7434 MT= 65 (n,n') Level 74-W -183
 Cross Section -1.233 To 146.7 %



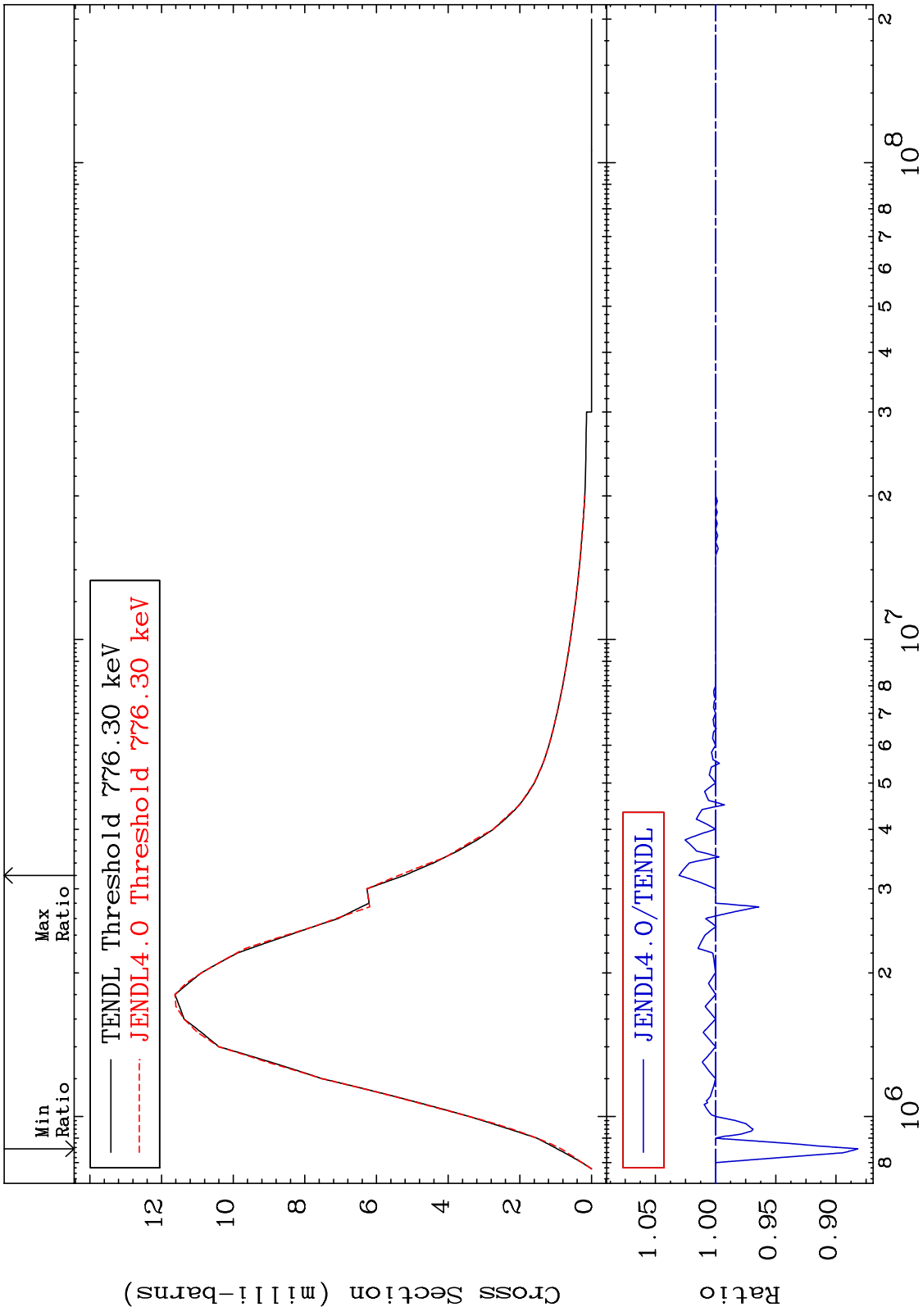
MAT 7434 MT= 66 (n,n') Level Cross Section 74-W -183
 -22.33 To 1.810 %



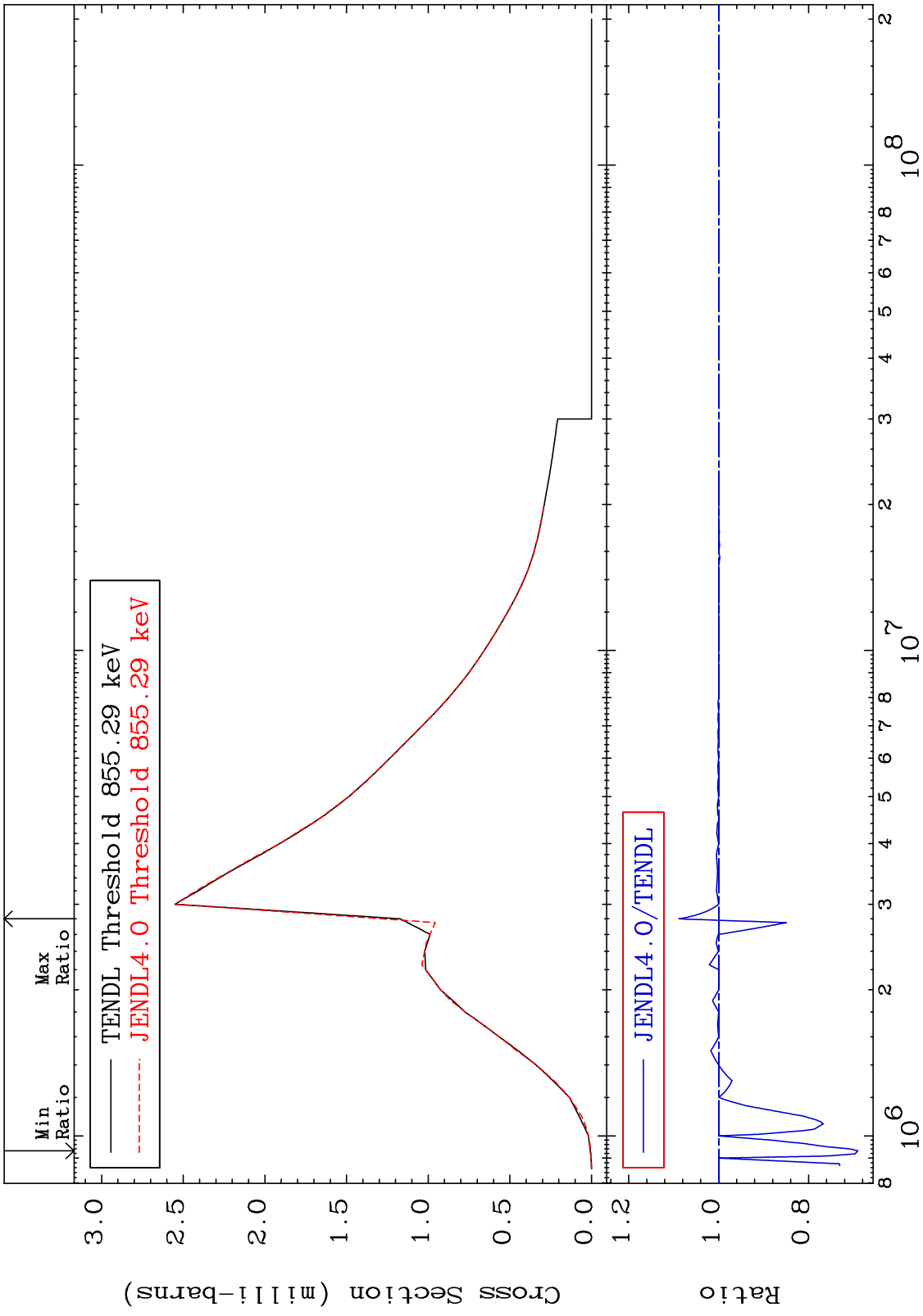
MAT 7434 MT= 67 (n,n') Level Cross Section 74-W -183
-8.094 To 4.328 %



MAT 7434 MT= 68 (n,n') Level Cross Section 74-W -183 -11.81 To 3.035 %

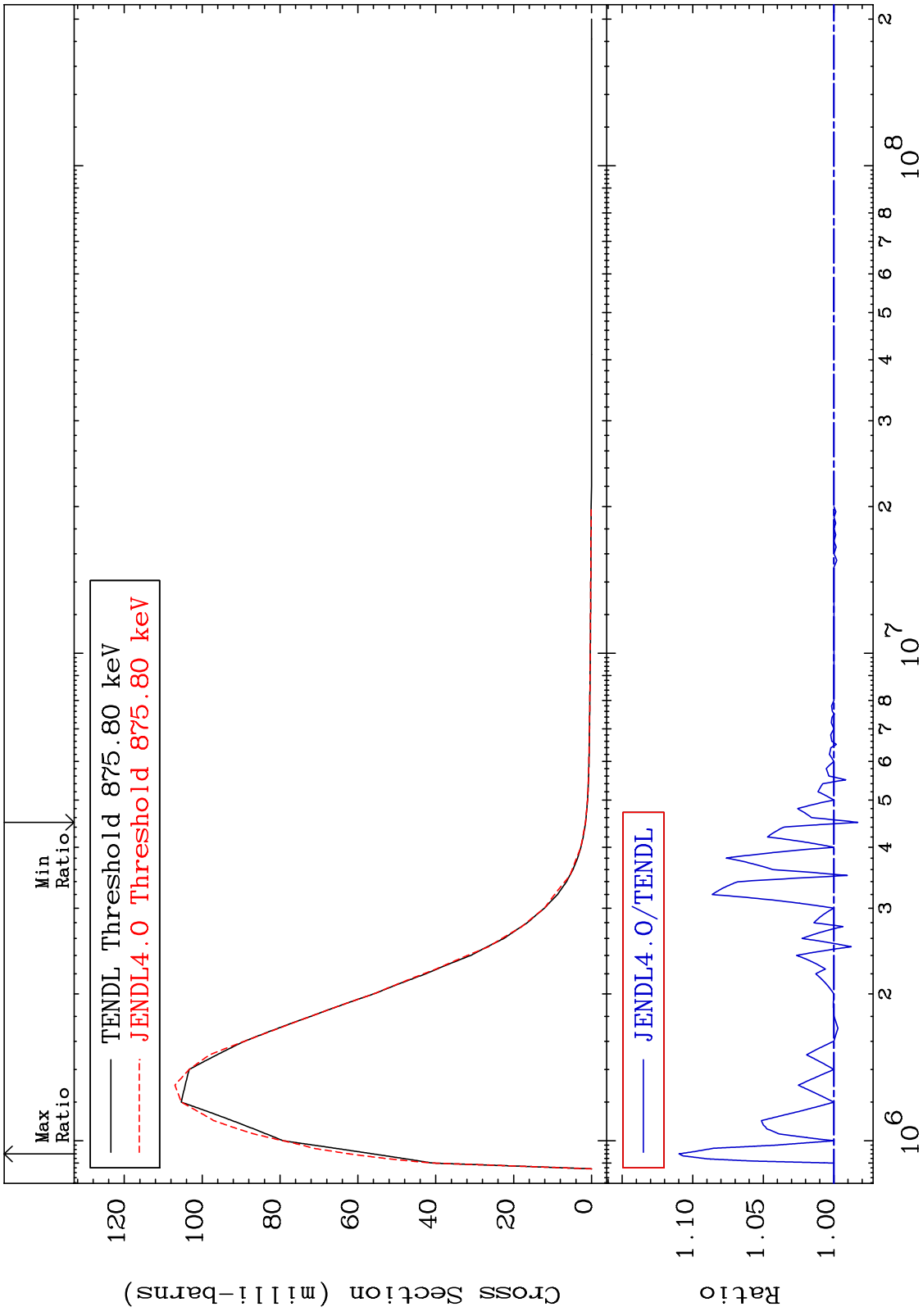


MAT 7434 MT= 69 (n,n') Level Cross Section 74-W -183
 -30.95 To 8.822 %

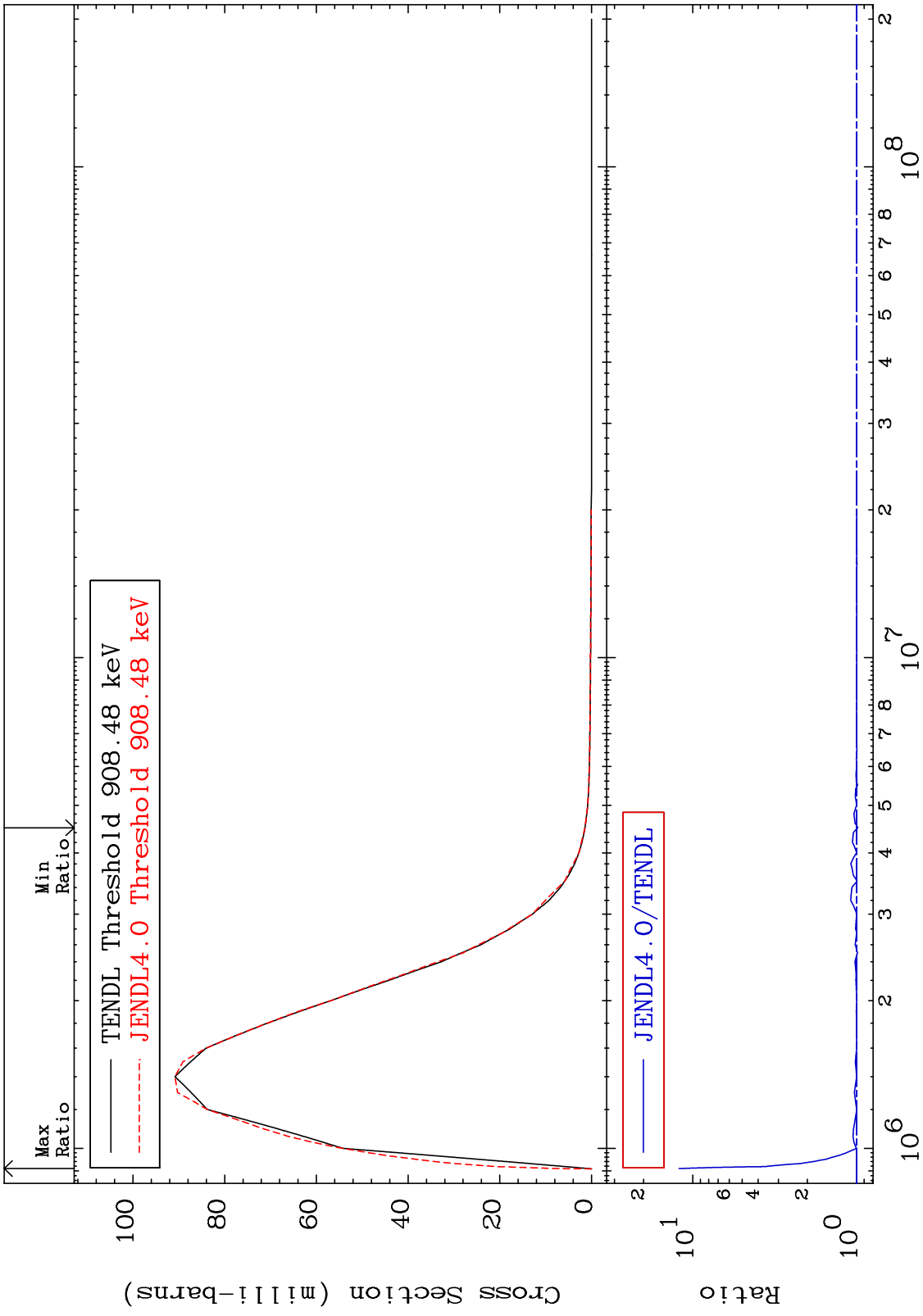


30 Incident Energy (eV) 74-W -183

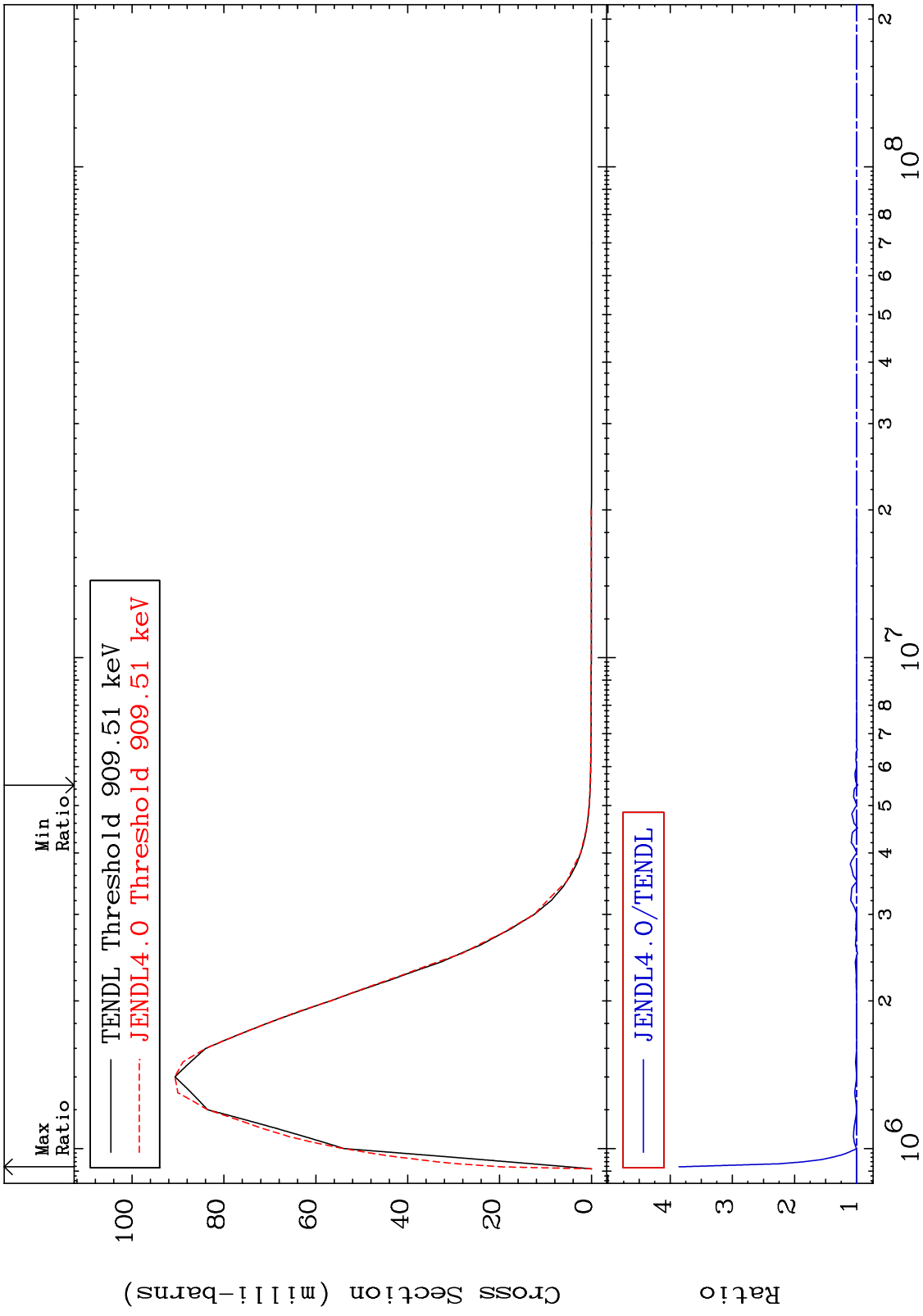
MAT 7434 MT= 70 (n,n') Level Cross Section 74-W -183
 -1.699 To 10.97 %



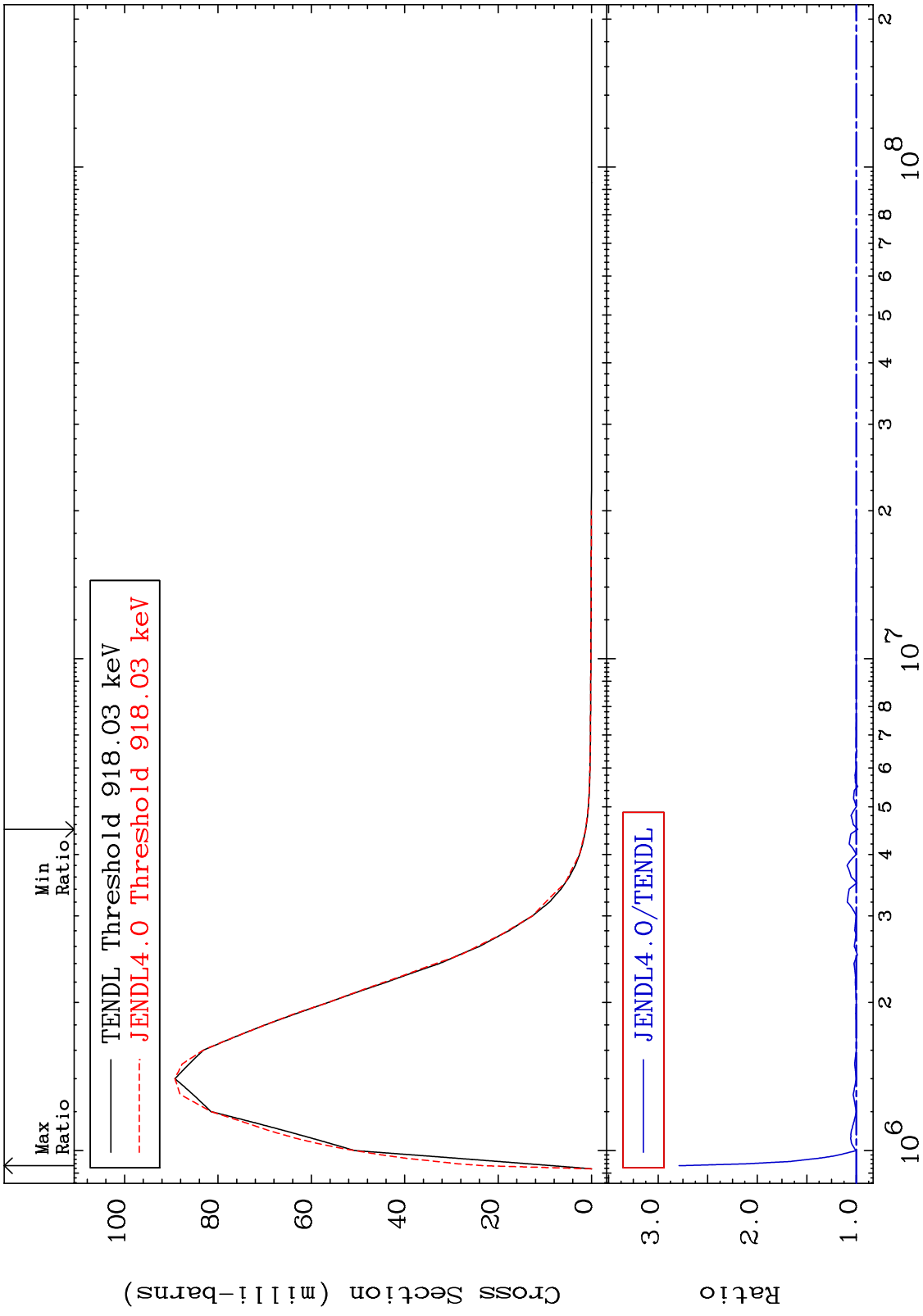
MAT 7434 MT= 71 (n,n') Level 74-W -183
 Cross Section -1.594 To 1113. %



MAT 7434 MT= 72 (n,n') Level Cross Section -1.774 To 285.8 % 74-W -183

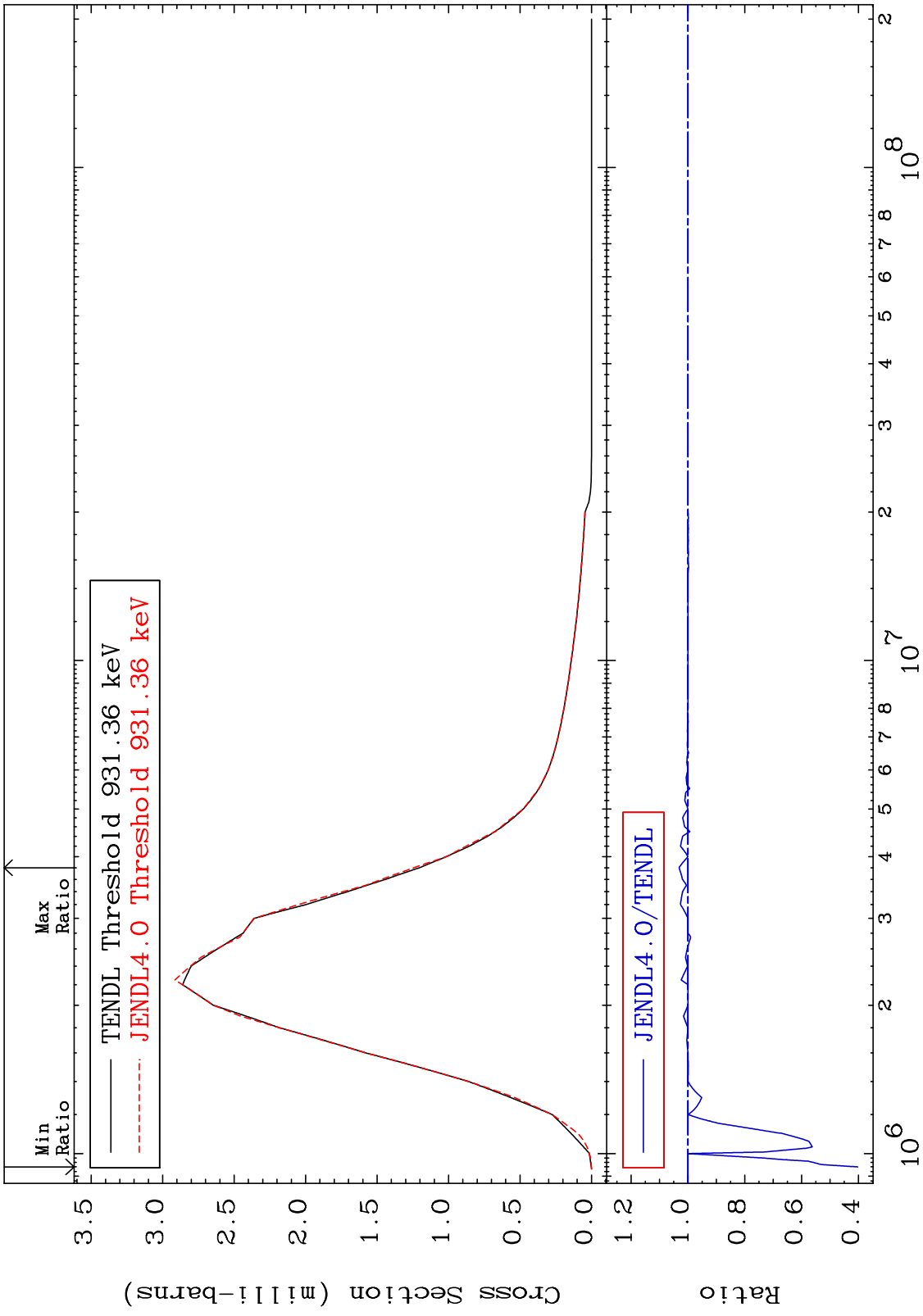


MAT 7434 MT= 73 (n,n') Level Cross Section 74-W -183
 -1.498 To 178.9 %



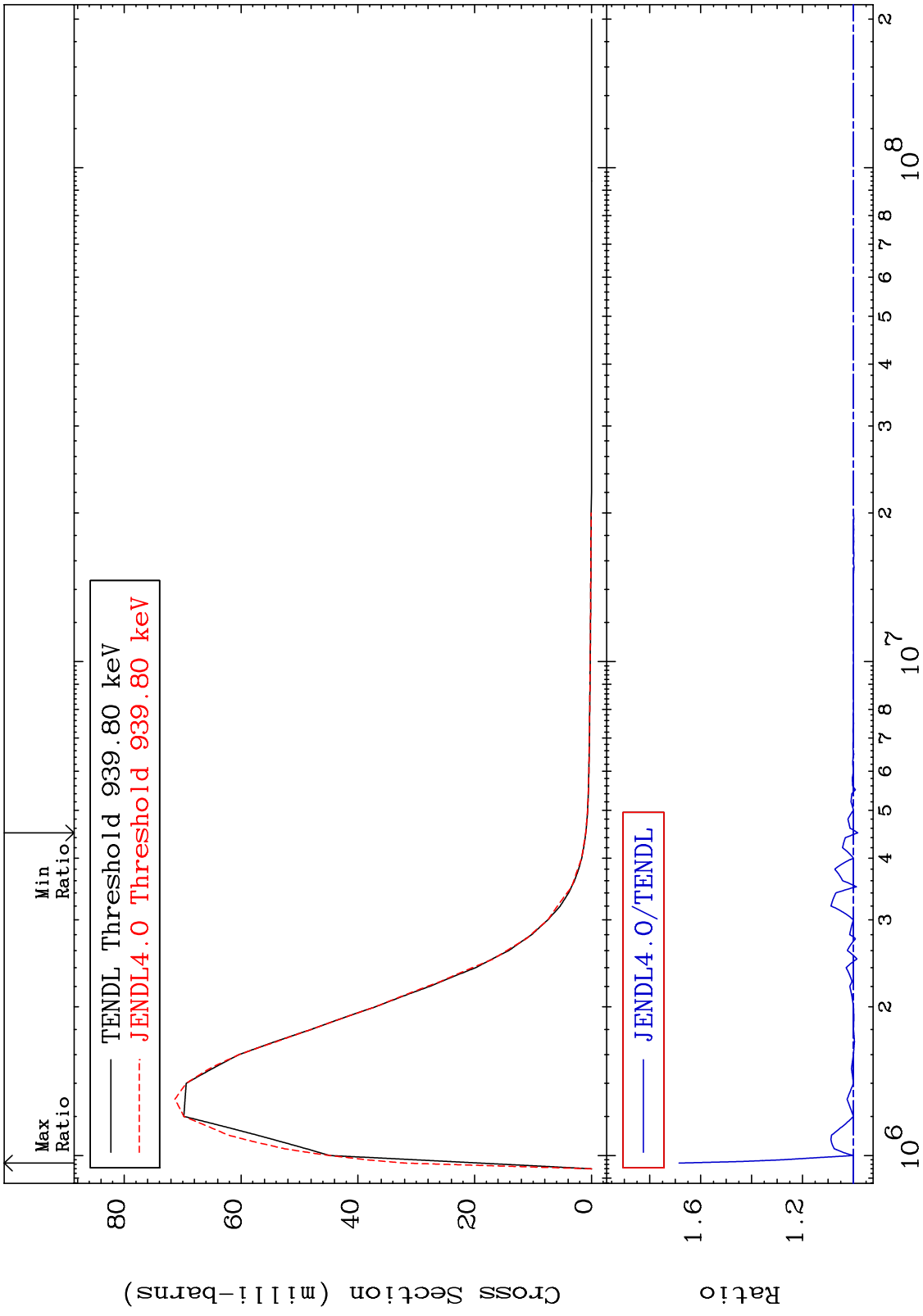
34 74-W -183

MAT 7434 MT= 74 (n,n') Level Cross Section 74-W -183
 -59.76 To 3.138 %



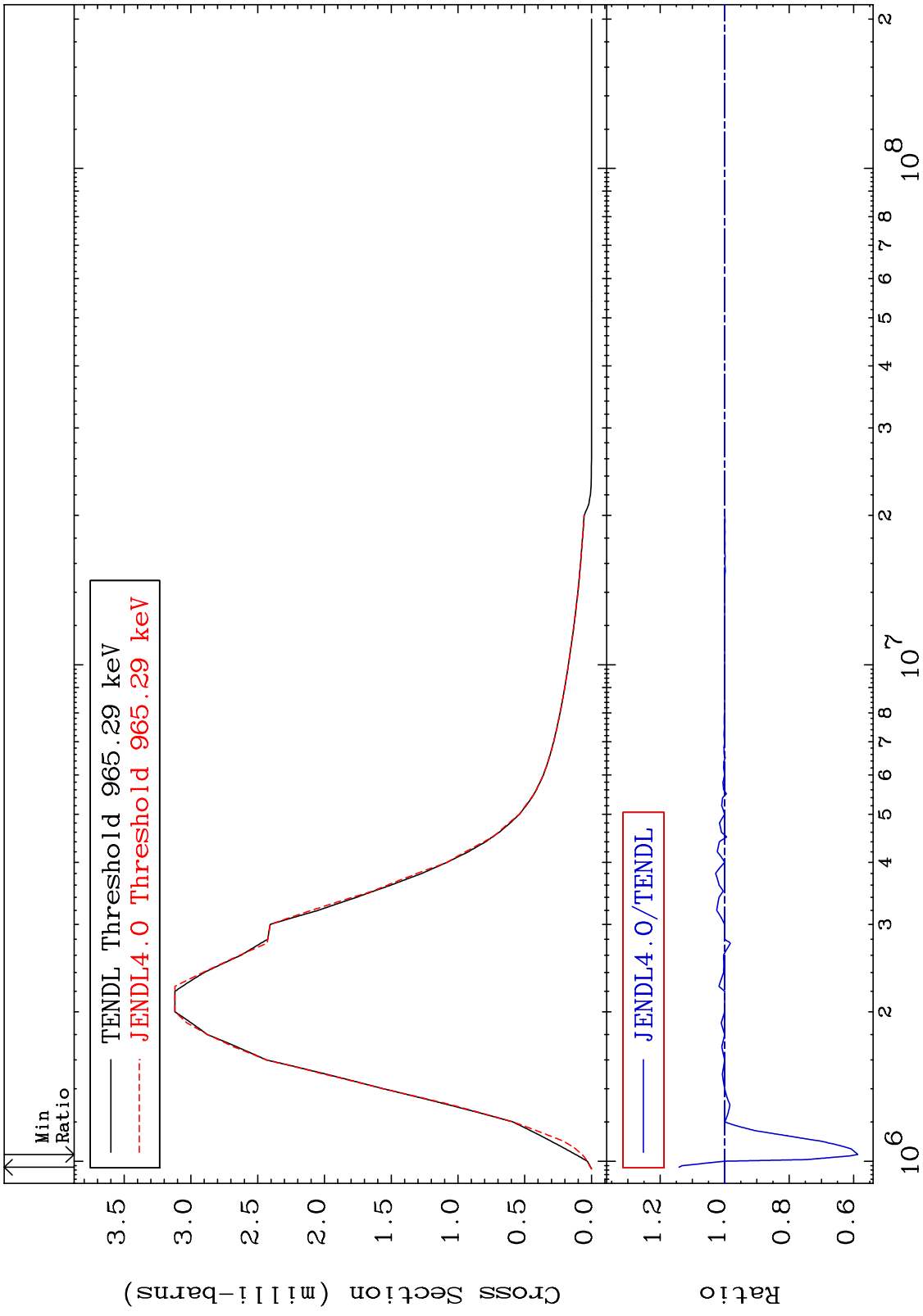
35 74-W -183

MAT 7434 MT= 75 (n,n') Level Cross Section -1.720 To 68.50 % 74-W -183



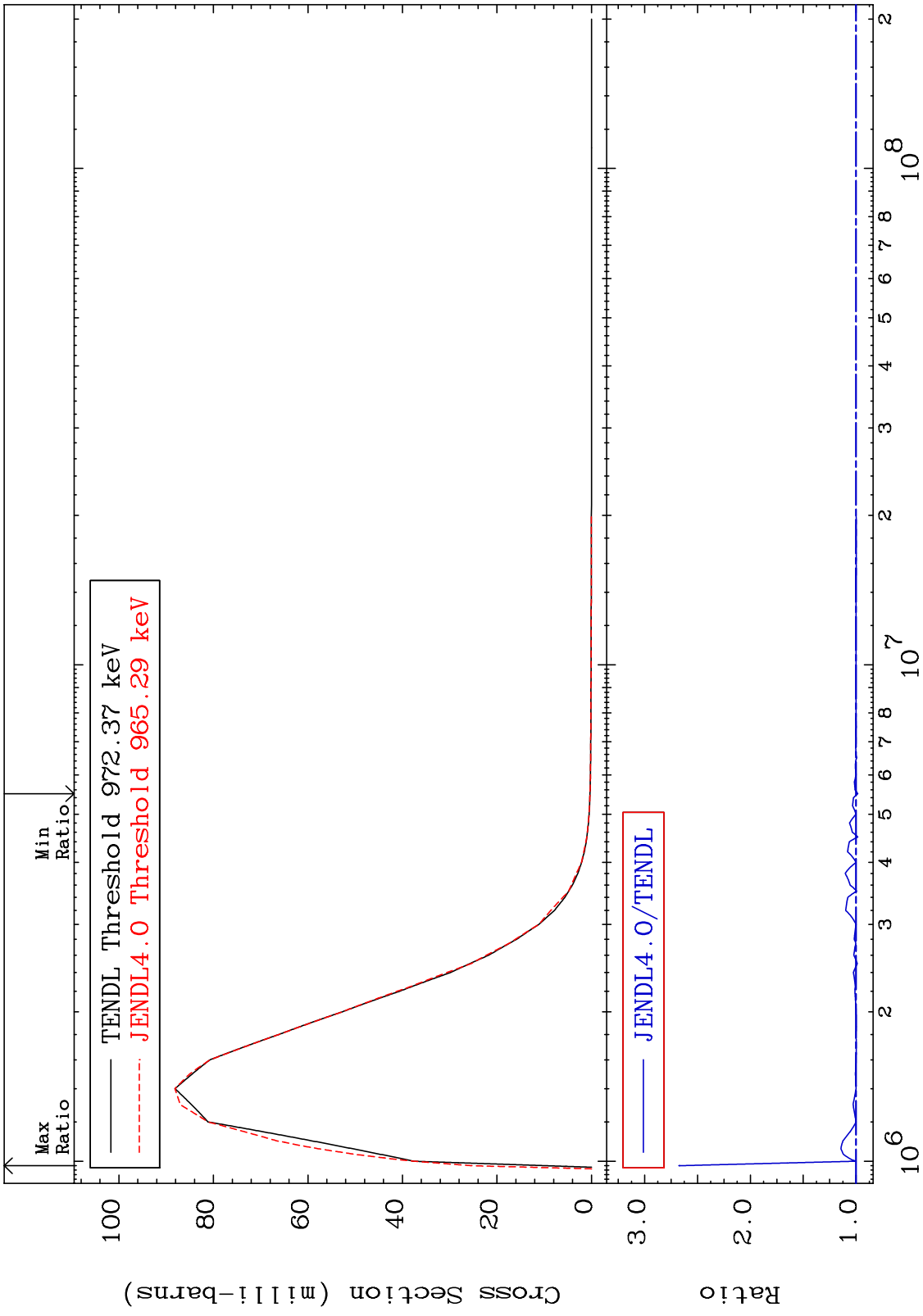
36 74-W -183

MAT 7434 MT= 76 (n,n') Level Cross Section 74-W -183
-41.29 To 14.14 %



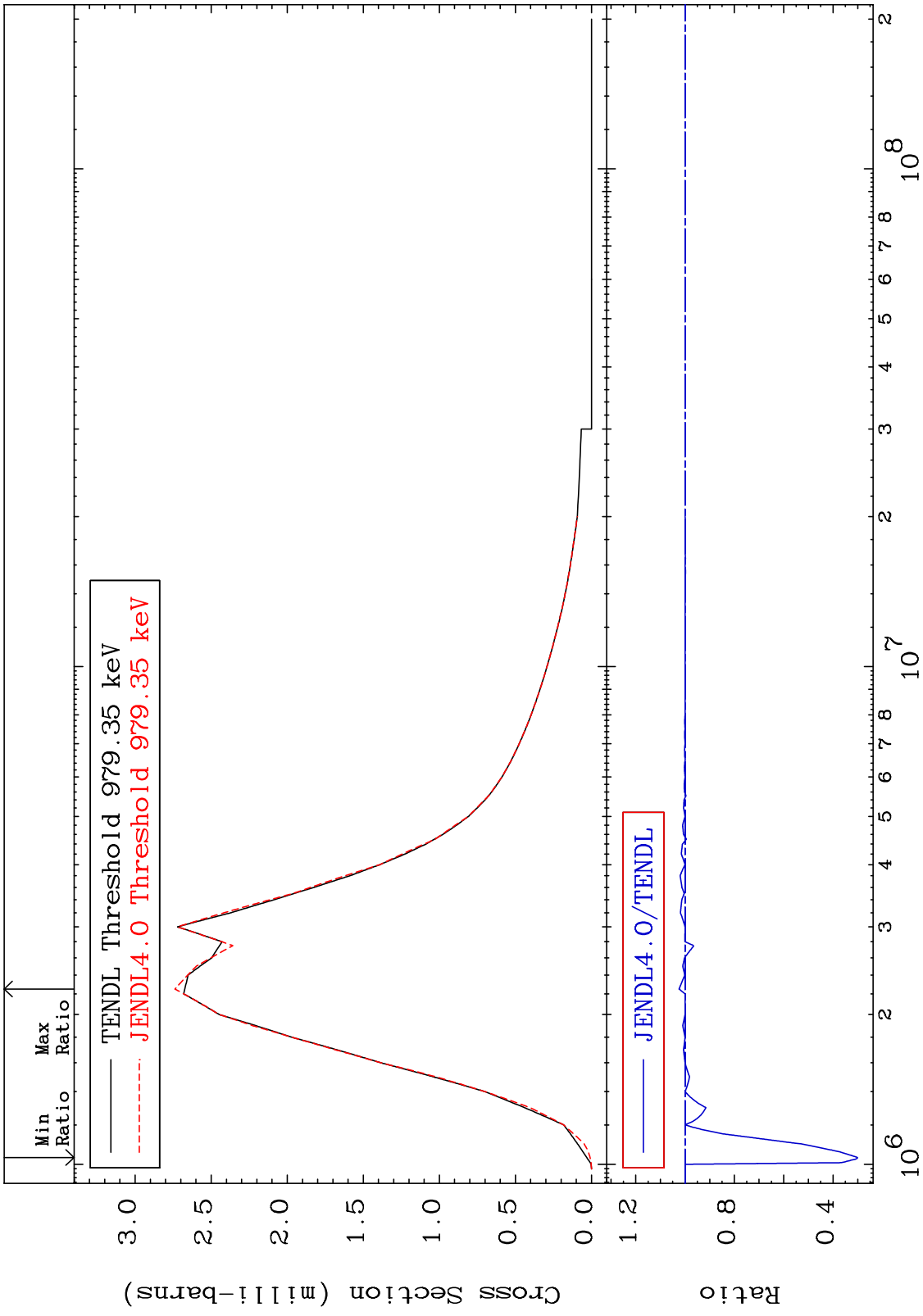
37 74-W -183

MAT 7434 MT= 77 (n,n') Level Cross Section 74-W -183
 -1.648 To 167.5 %



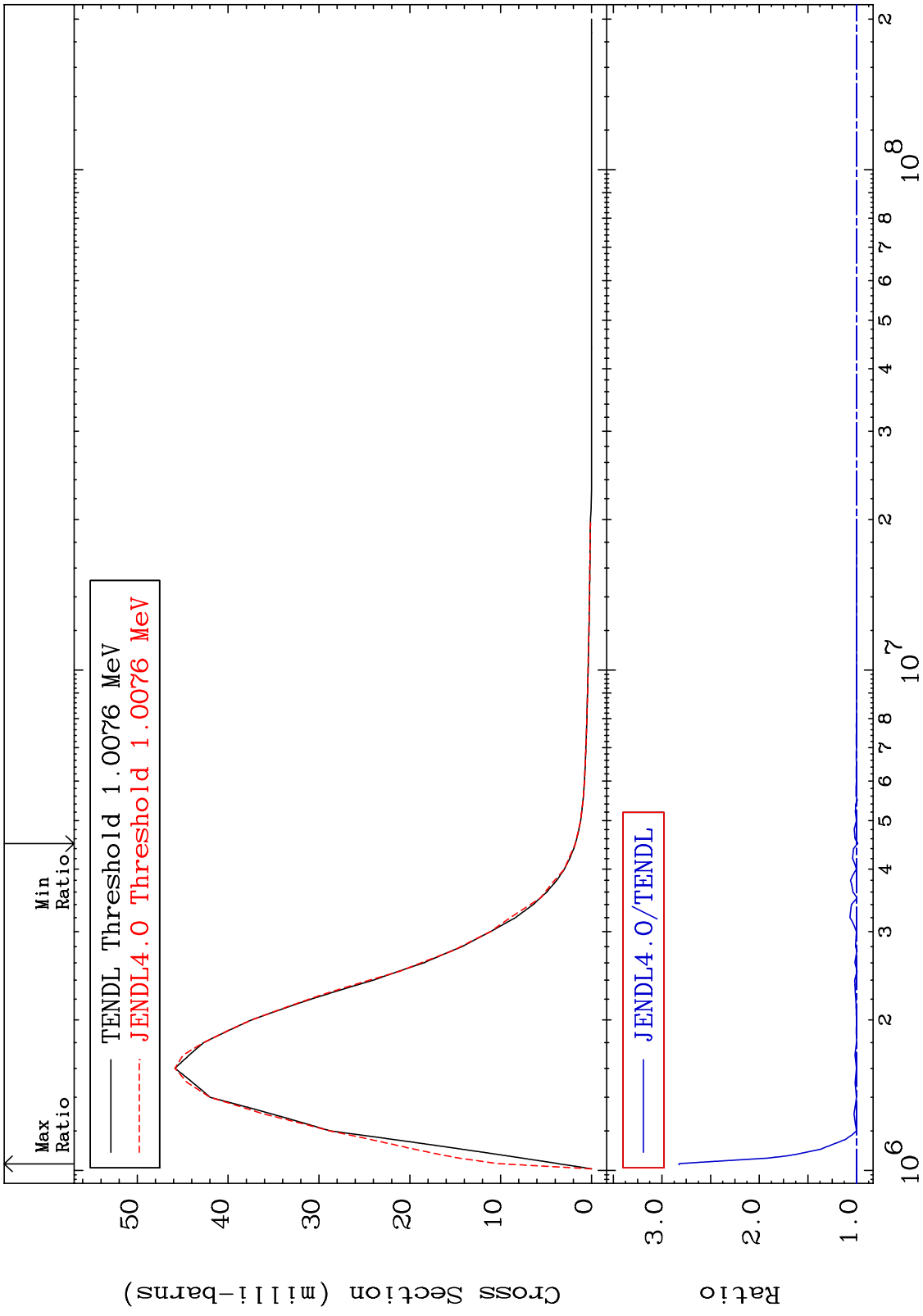
38 74-W -183

MAT 7434 MT= 78 (n,n') Level Cross Section 74-W -183
-70.05 To 2.437 %



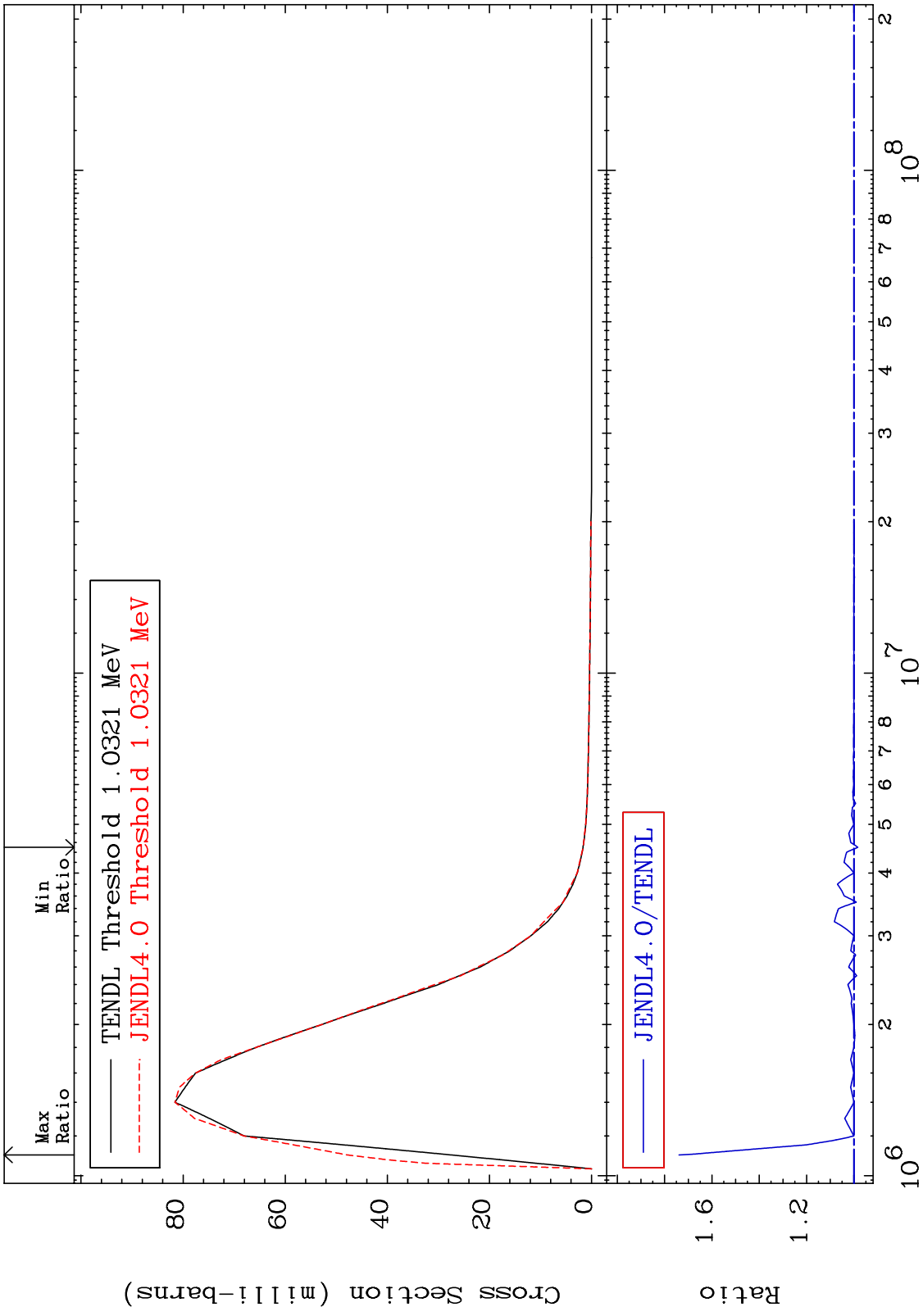
39 74-W -183

MAT 7434 MT= 79 (n,n') Level Cross Section 74-W -183
-1.395 To 182.4 %



Incident Energy (eV) 74-W -183

MAT 7434 MT= 80 (n,n') Level Cross Section 74-W -183
 -1.643 To 73.90 %

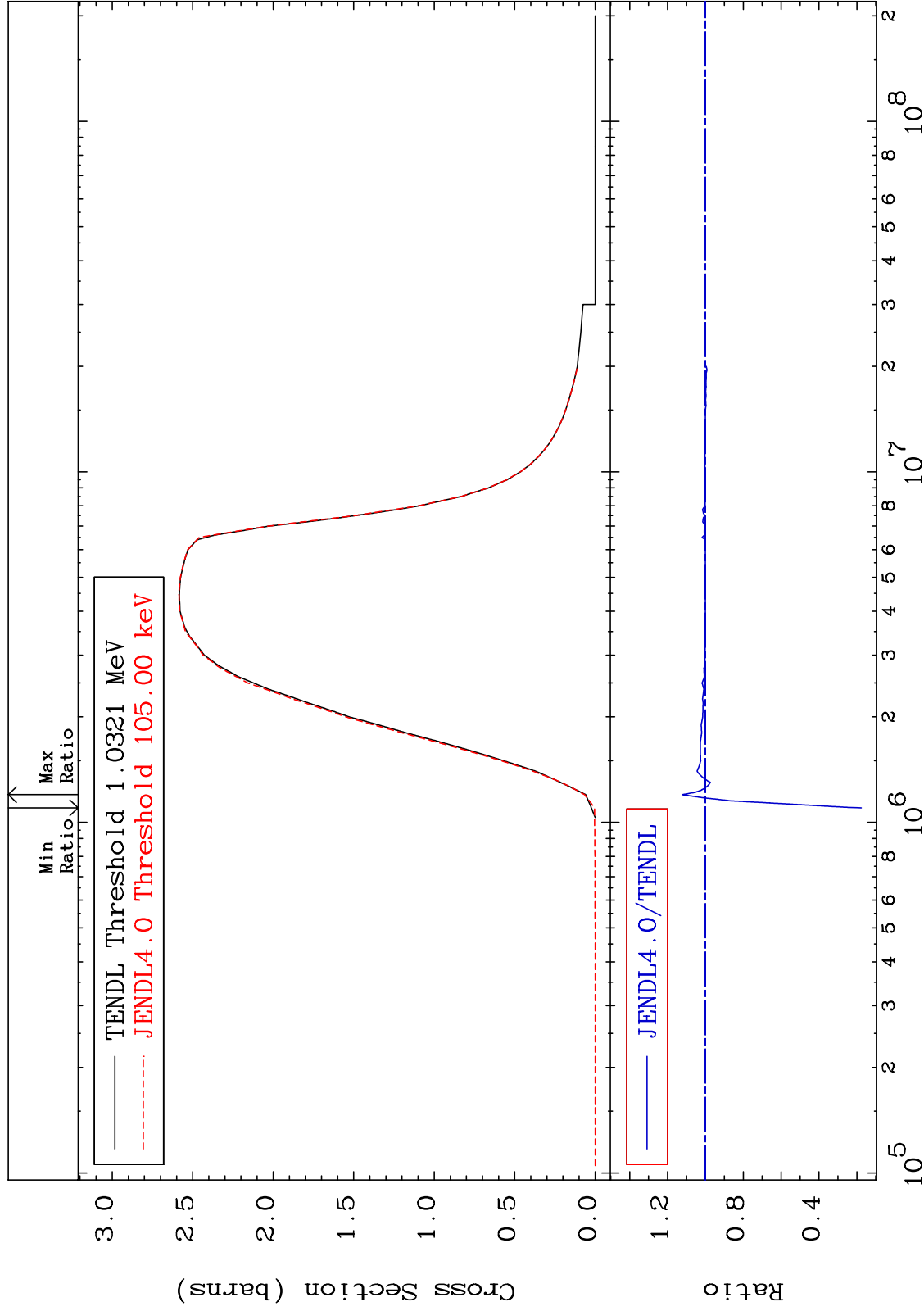


41 Incident Energy (eV) 74-W -183

MAT 7434

(n, n') Continuum
Cross Section

74-W -183
-82.36 To 12.00 %



42

Incident Energy (eV)

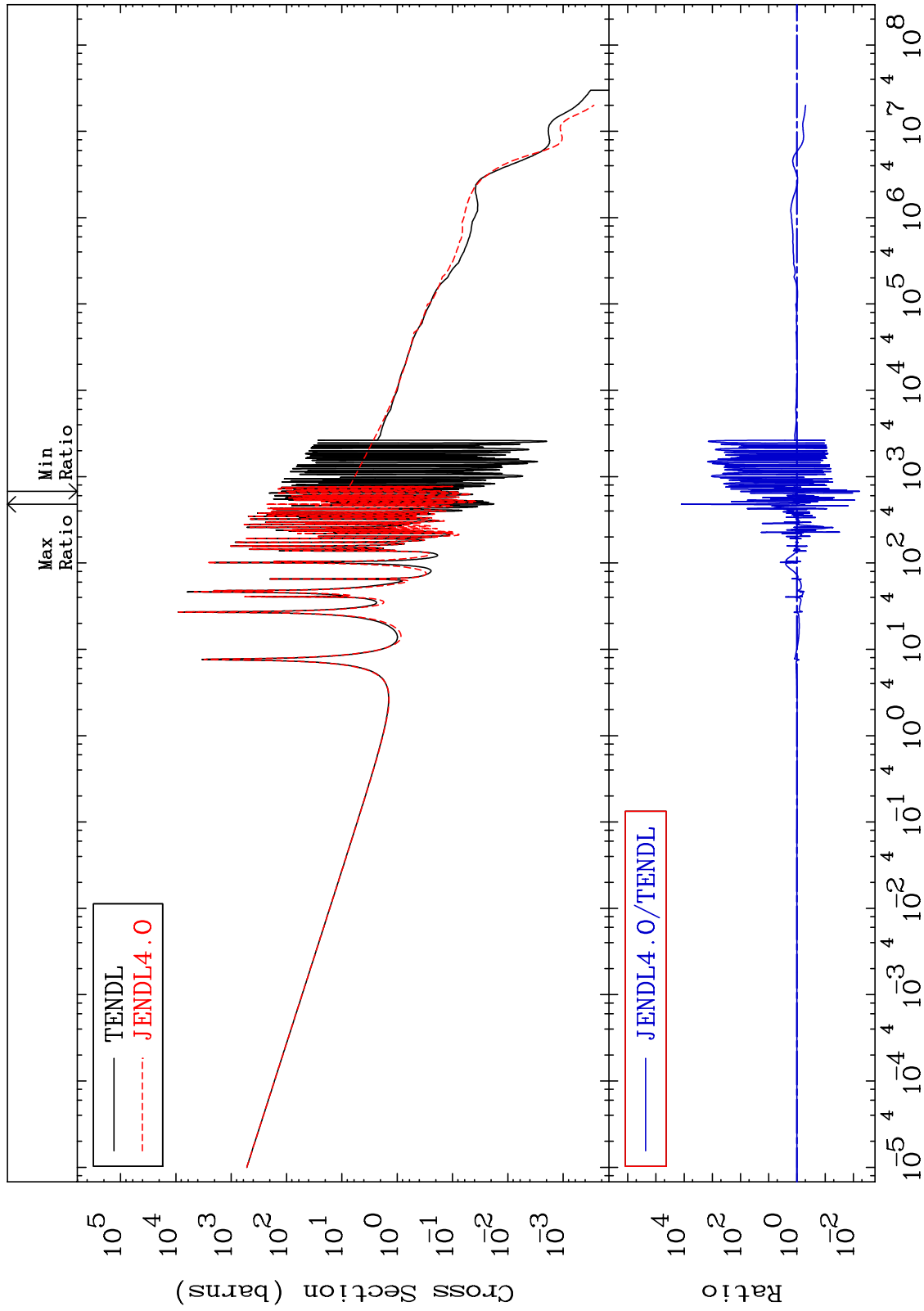
74-W -183

MAT 7434

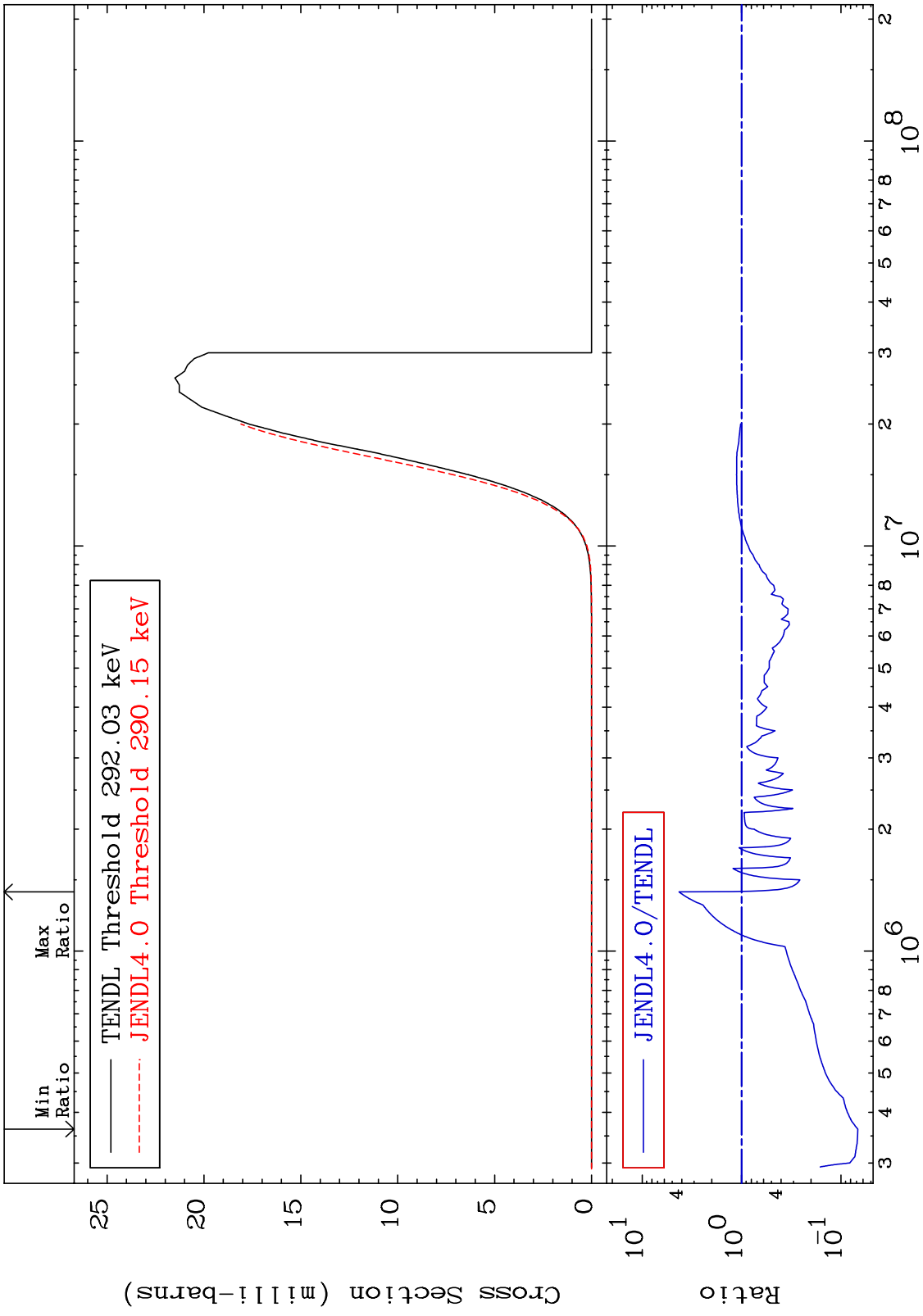
(n, γ)

74-W -183

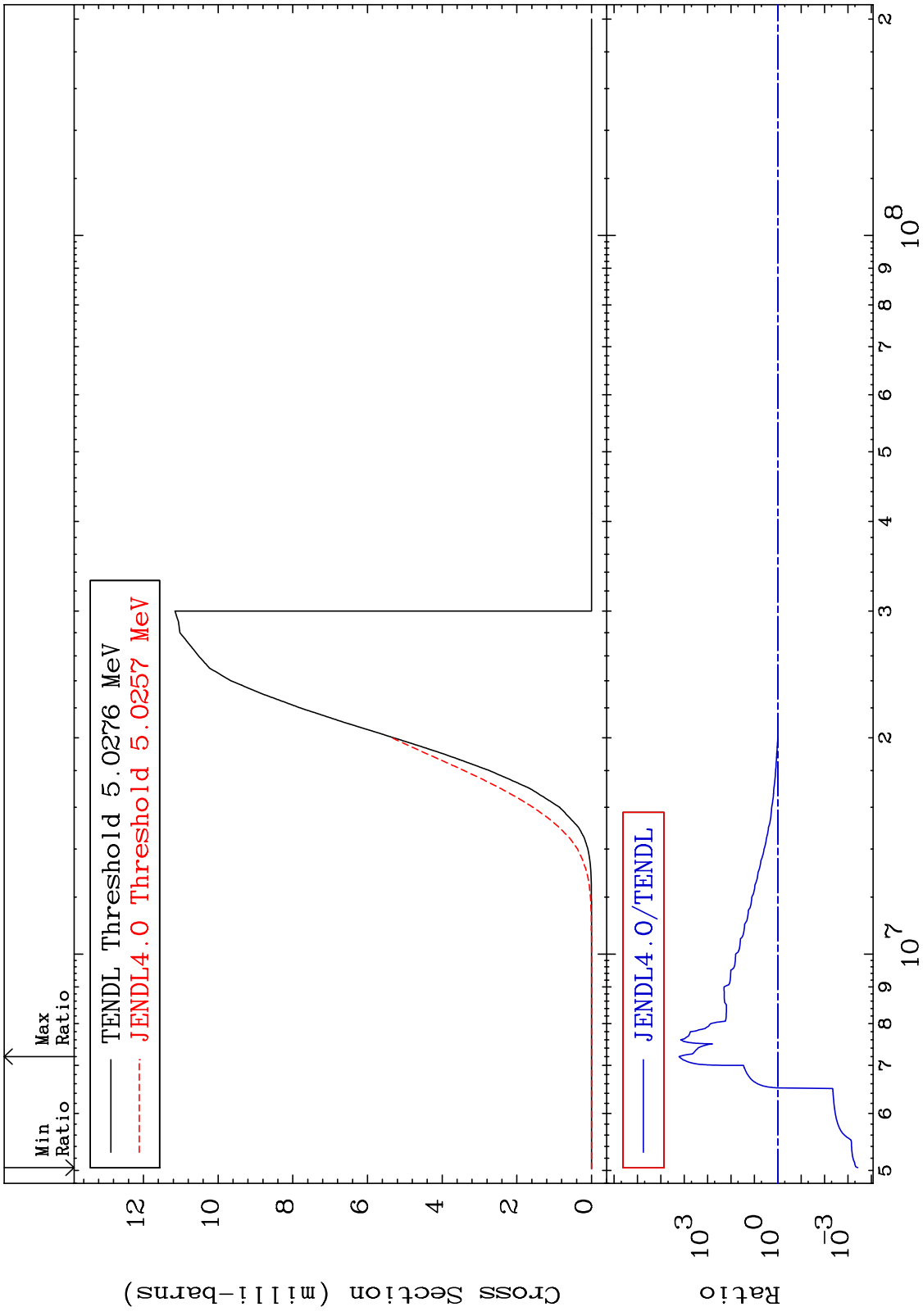
-99.41 To 9999. %

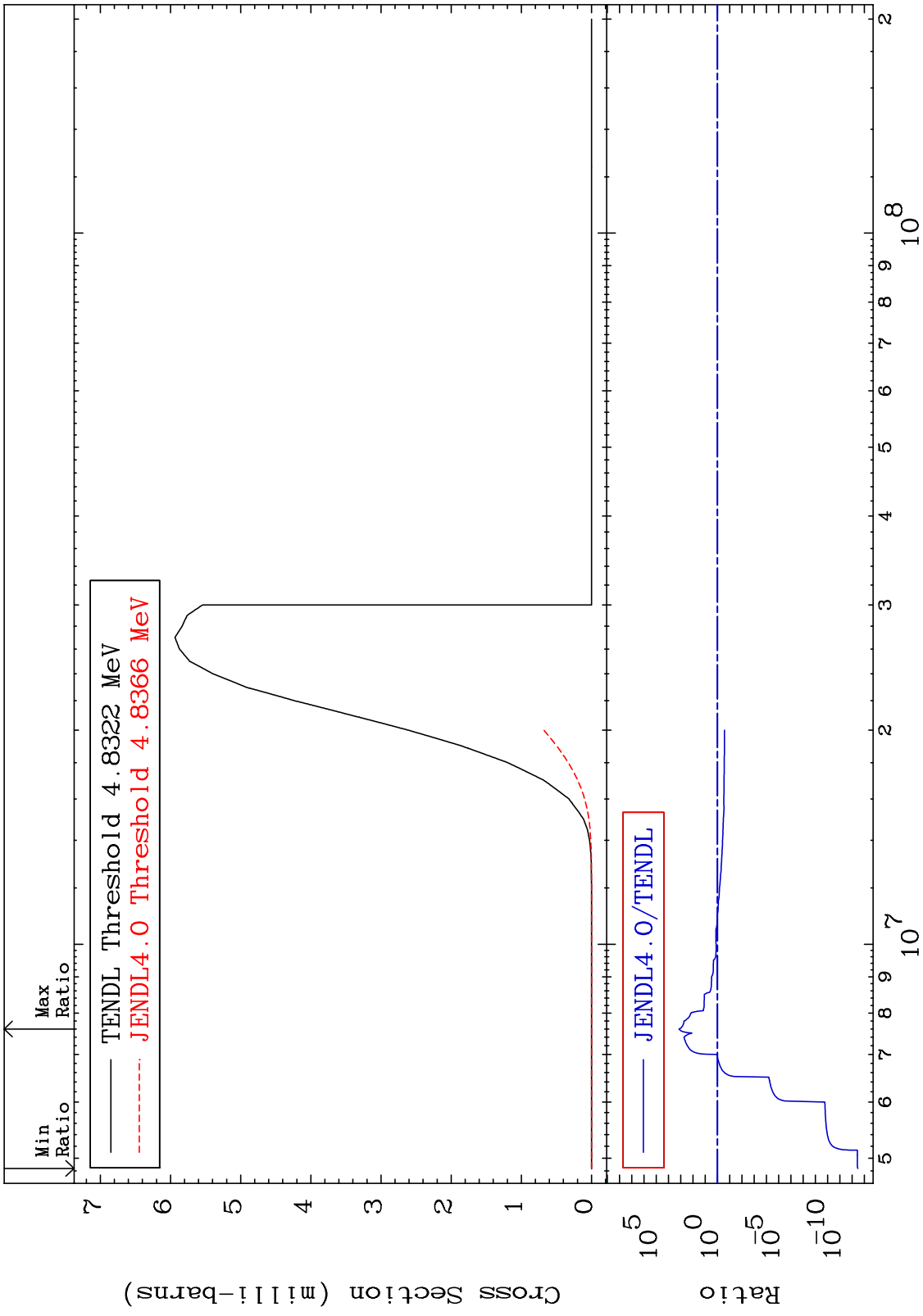


MAT 7434 (n,p) Cross Section 74-W -183
 -93.22 To 325.7 %



44 74-W -183





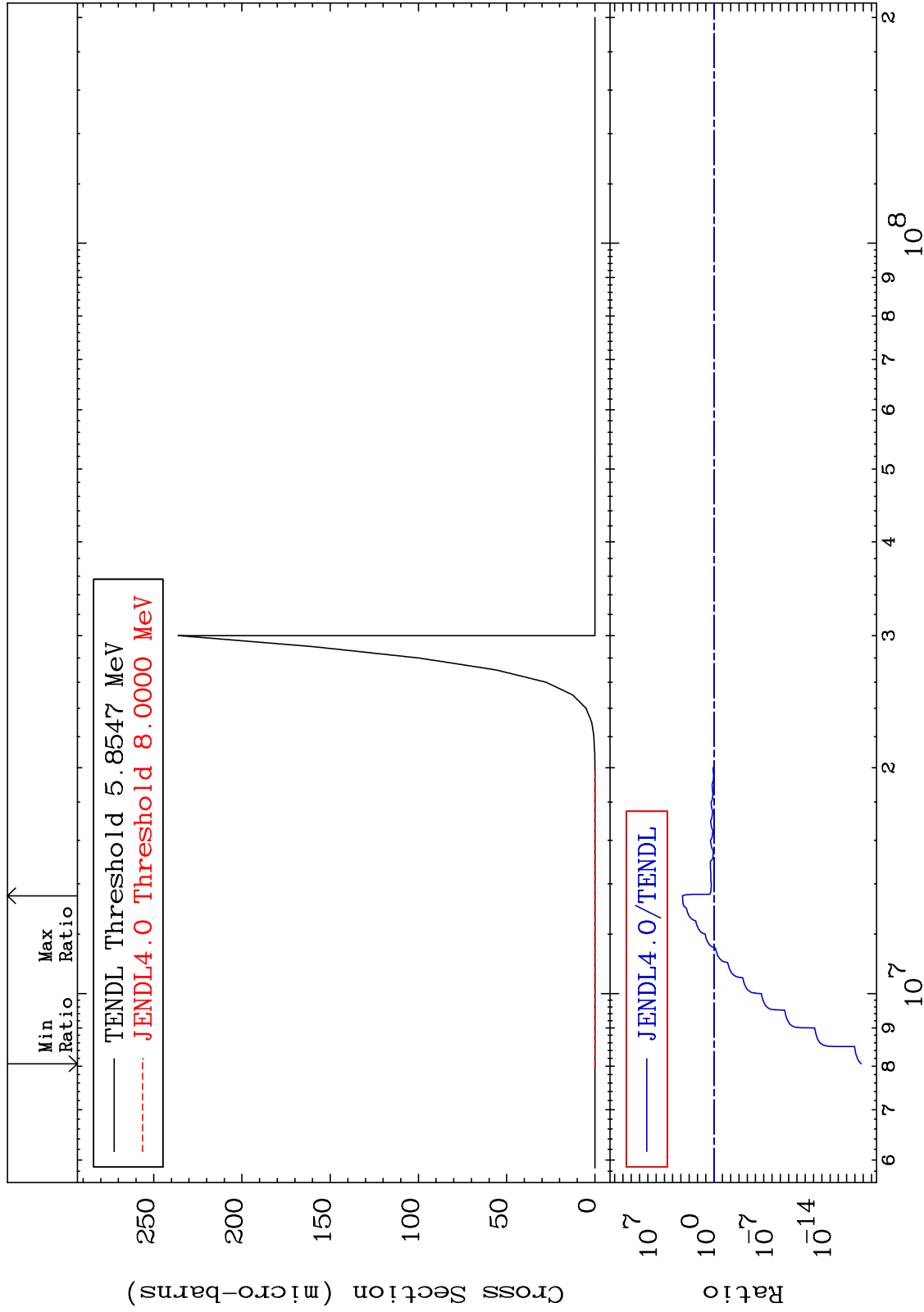
MAT 7434

(n, He-3)

74-W -183

Cross Section

-100.0 To 9999. %



47

Incident Energy (eV)

74-W -183

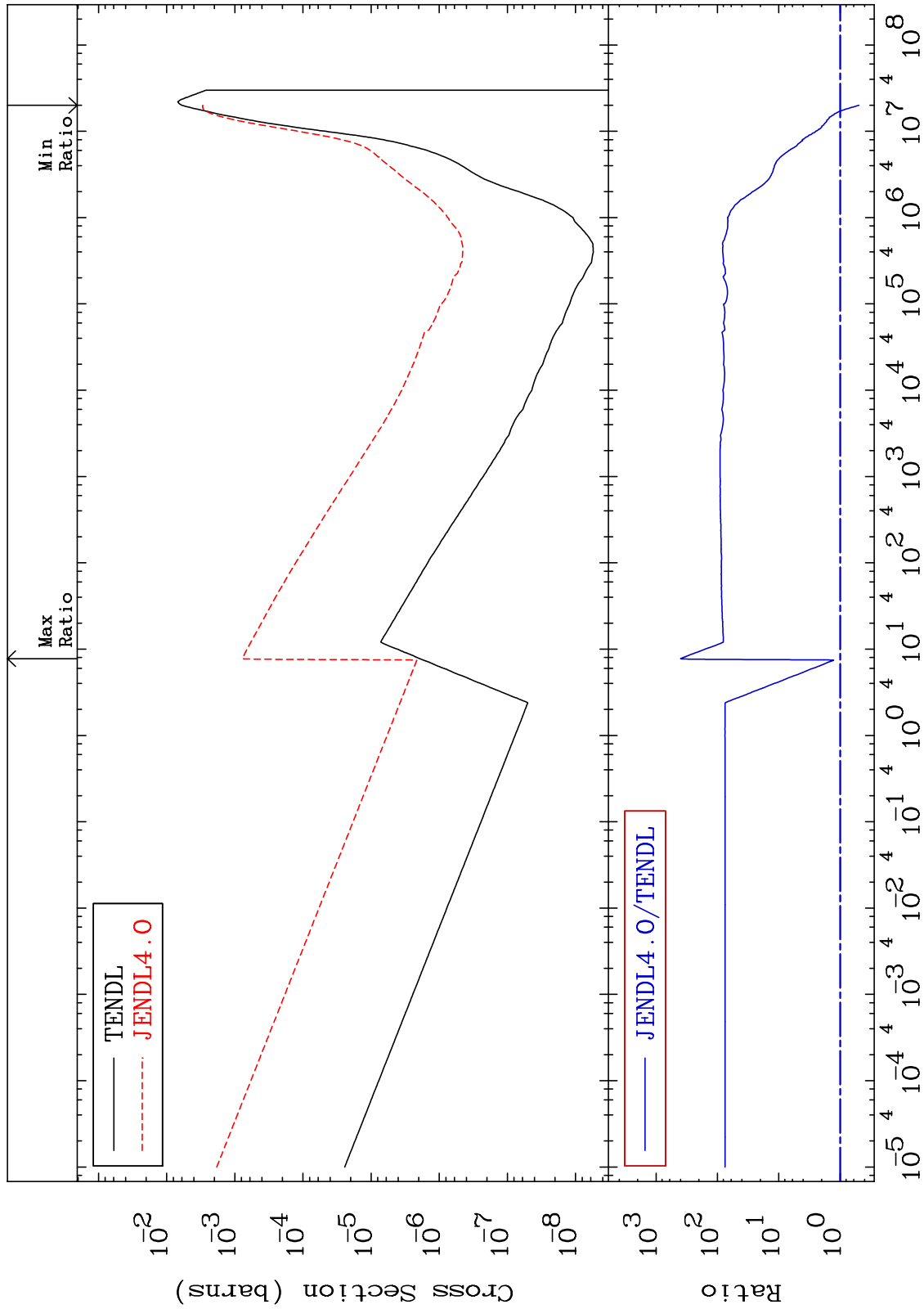
MAT 7434

(n, α)

74-W -183

Cross Section

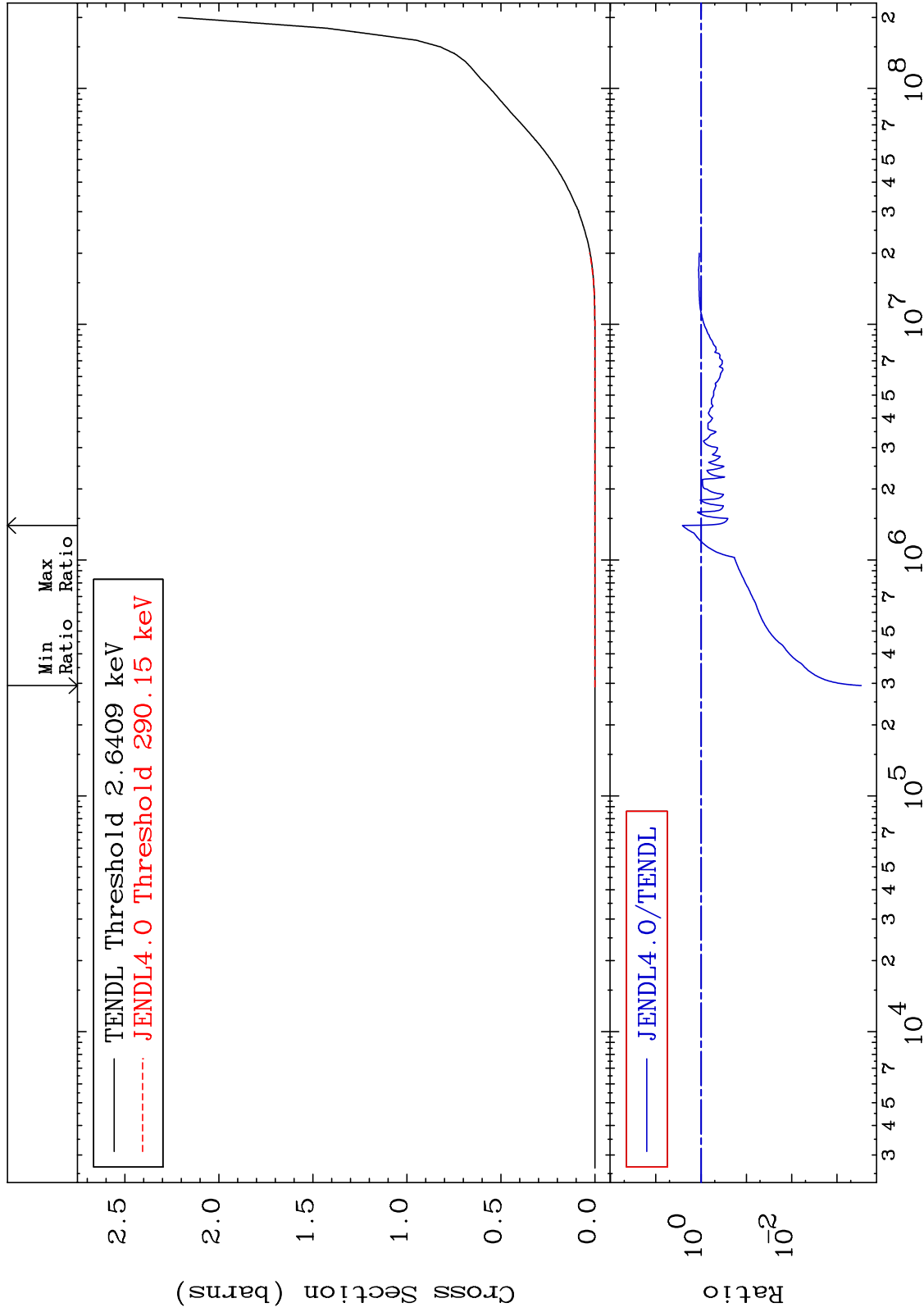
-50.80 To 9999. %



MAT 7434

Hydrogen Production
Cross Section

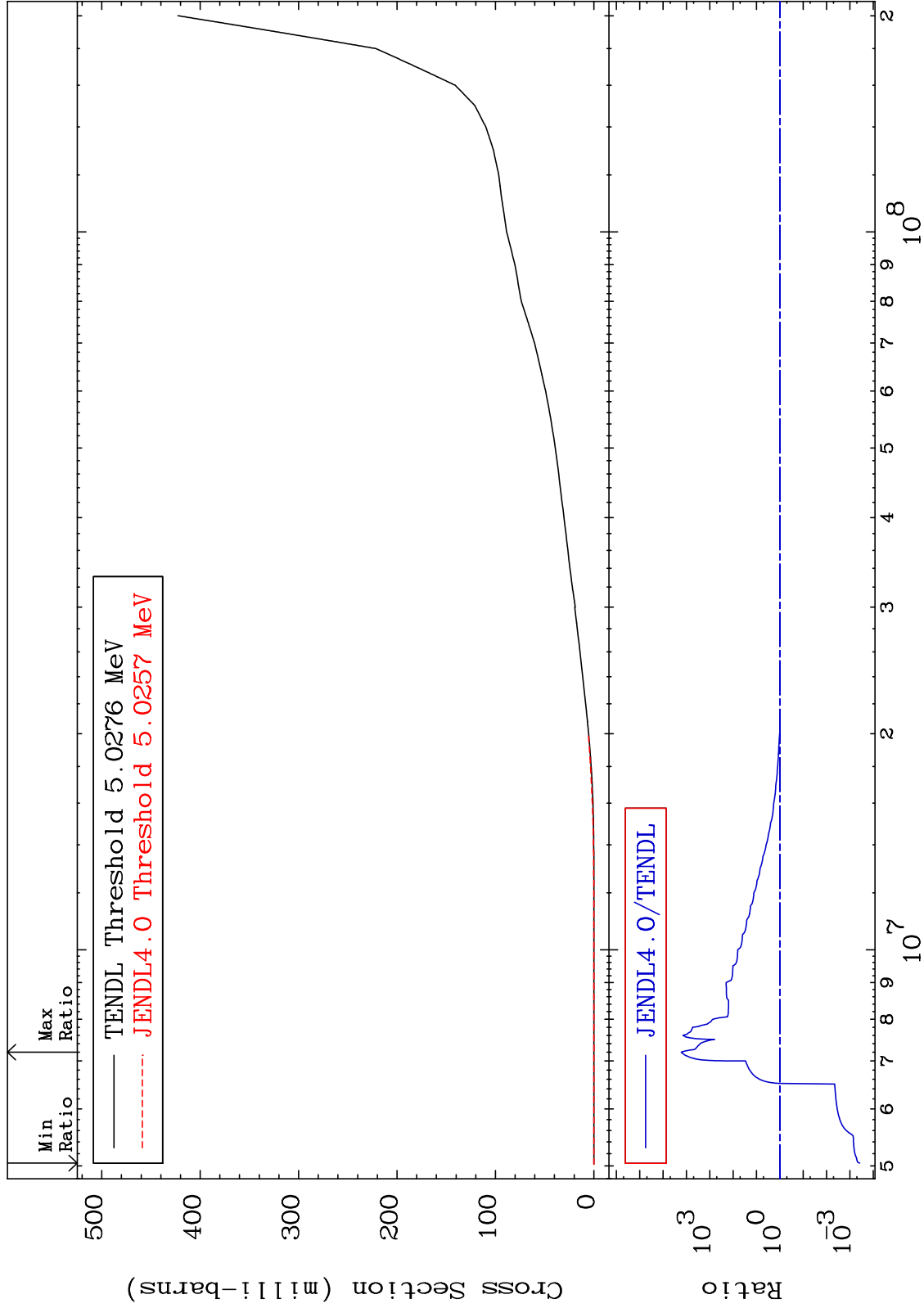
74-W -183
-99.97 To 158.3 %



MAT 7434

Deuterium Production
Cross Section

74-W -183
-99.96 To 9999. %



50

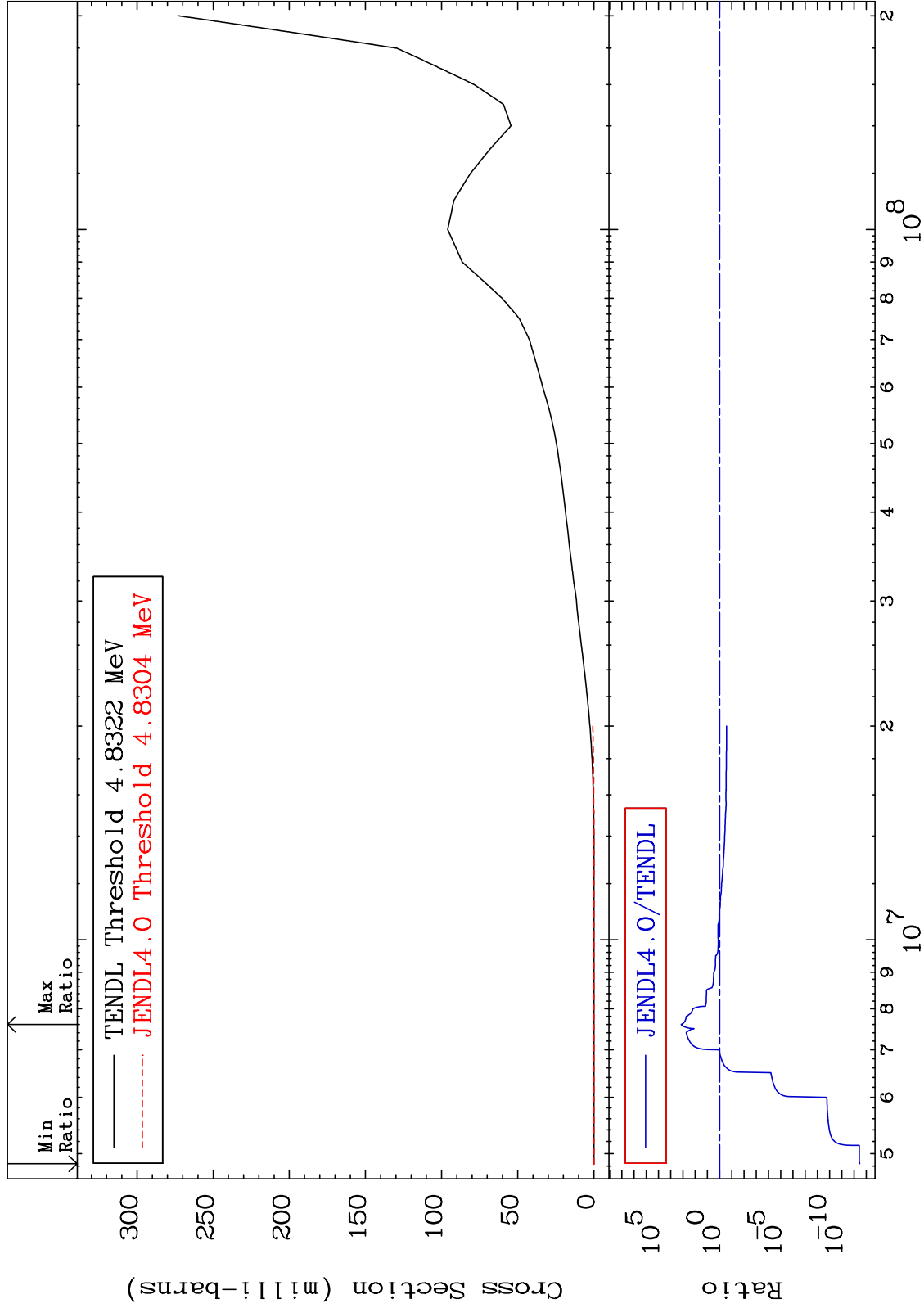
Incident Energy (eV)

74-W -183

MAT 7434

Tritium Production
Cross Section

74-W -183
-100.0 To 9999. %



51

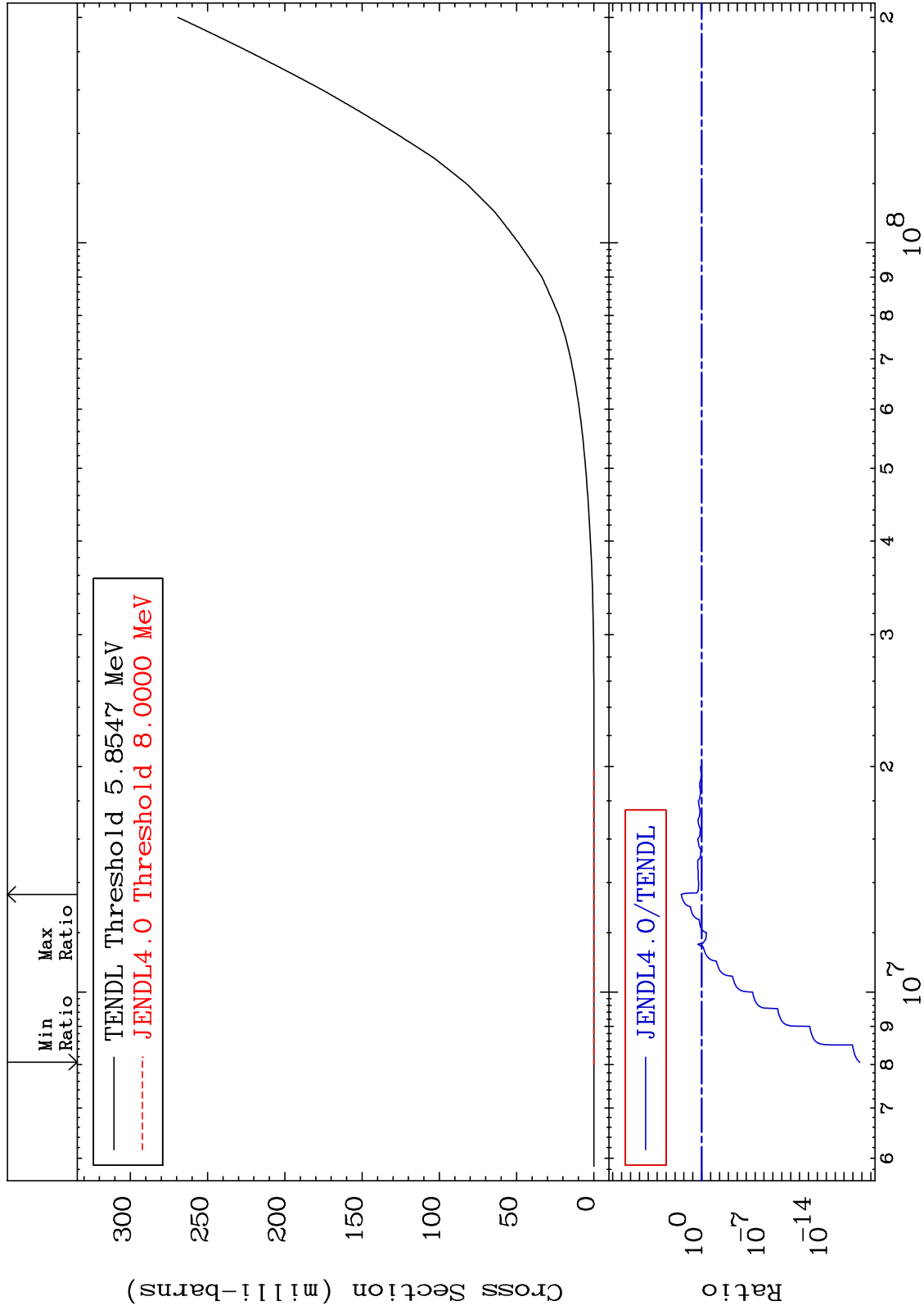
Incident Energy (eV)

74-W -183

MAT 7434

He-3 Production
Cross Section

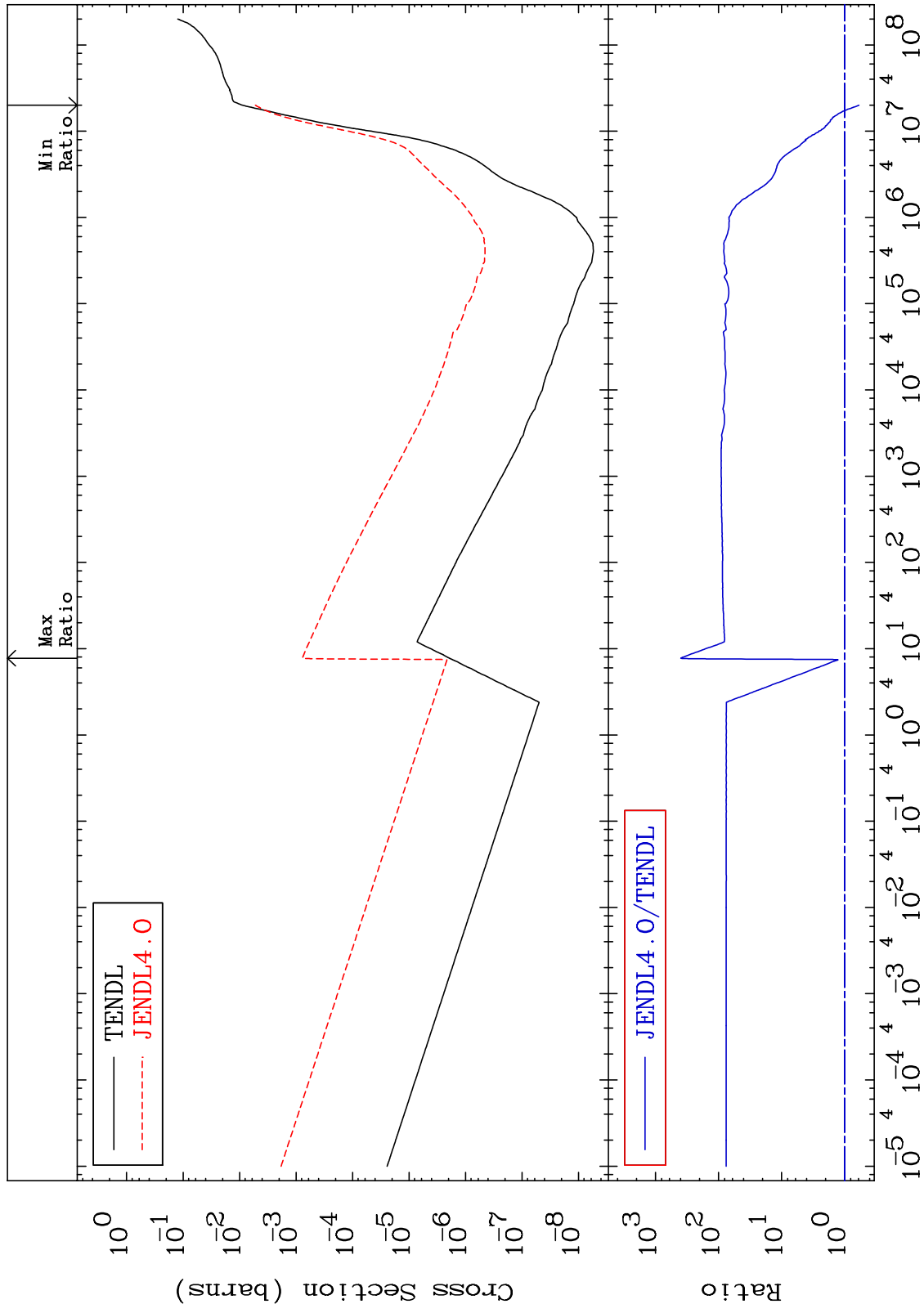
74-W -183
-100.0 To 9999. %



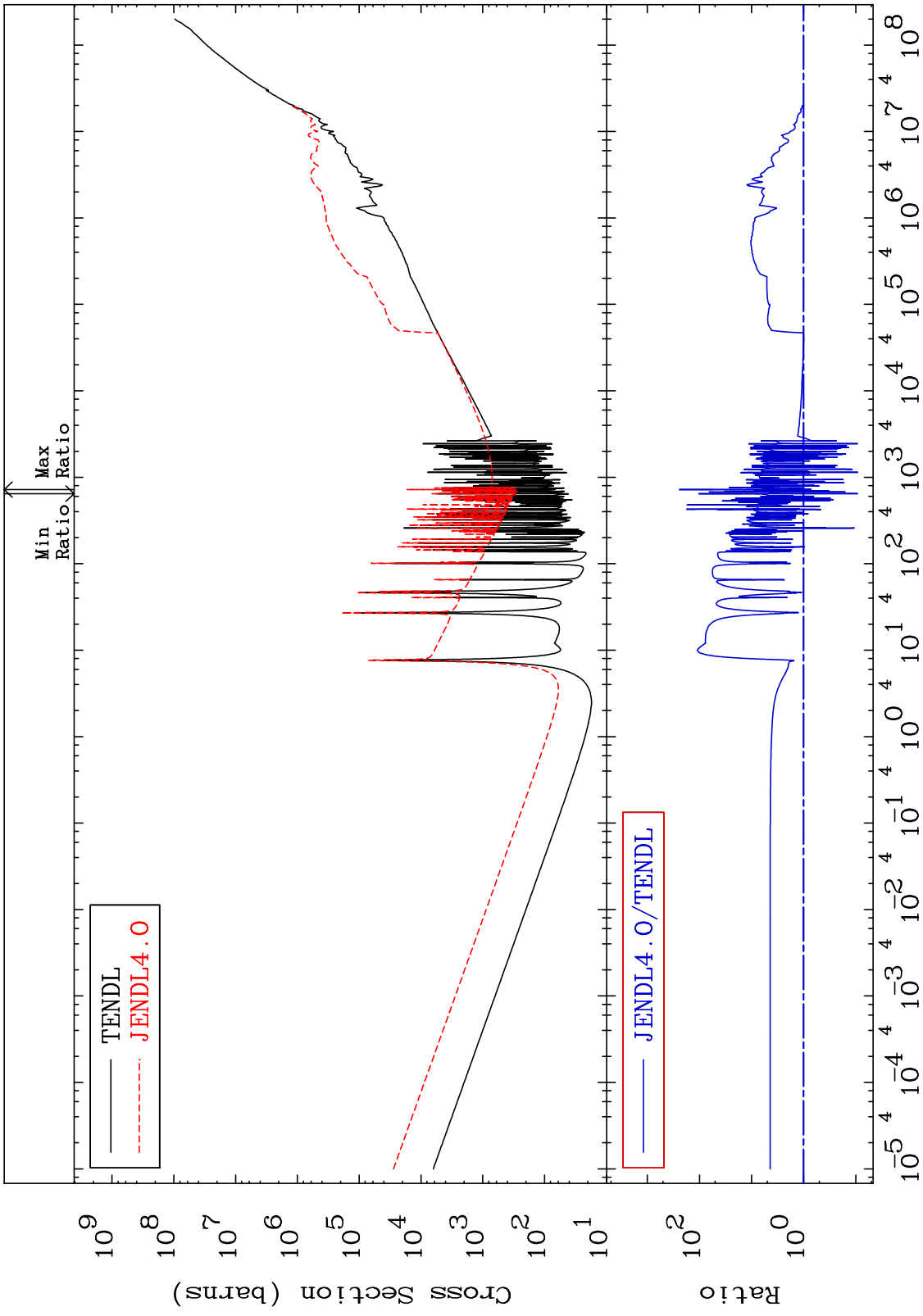
MAT 7434

He-4 Production
Cross Section

74-W -183
-40.83 To 9999. %



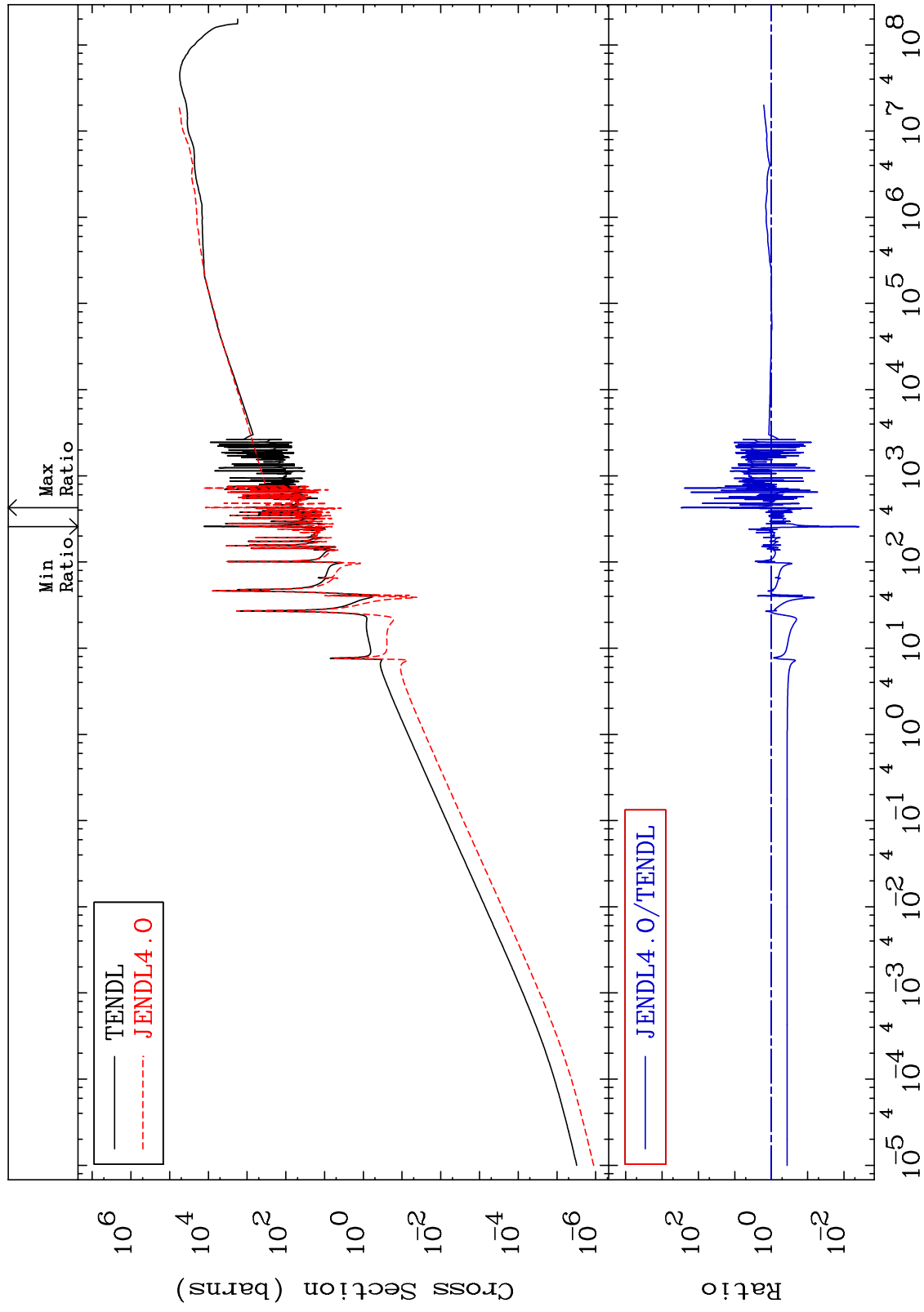
MAT 7434 Kerma total (eV-barns) 74-W -183
 Cross Section -90.89 To 9999. %



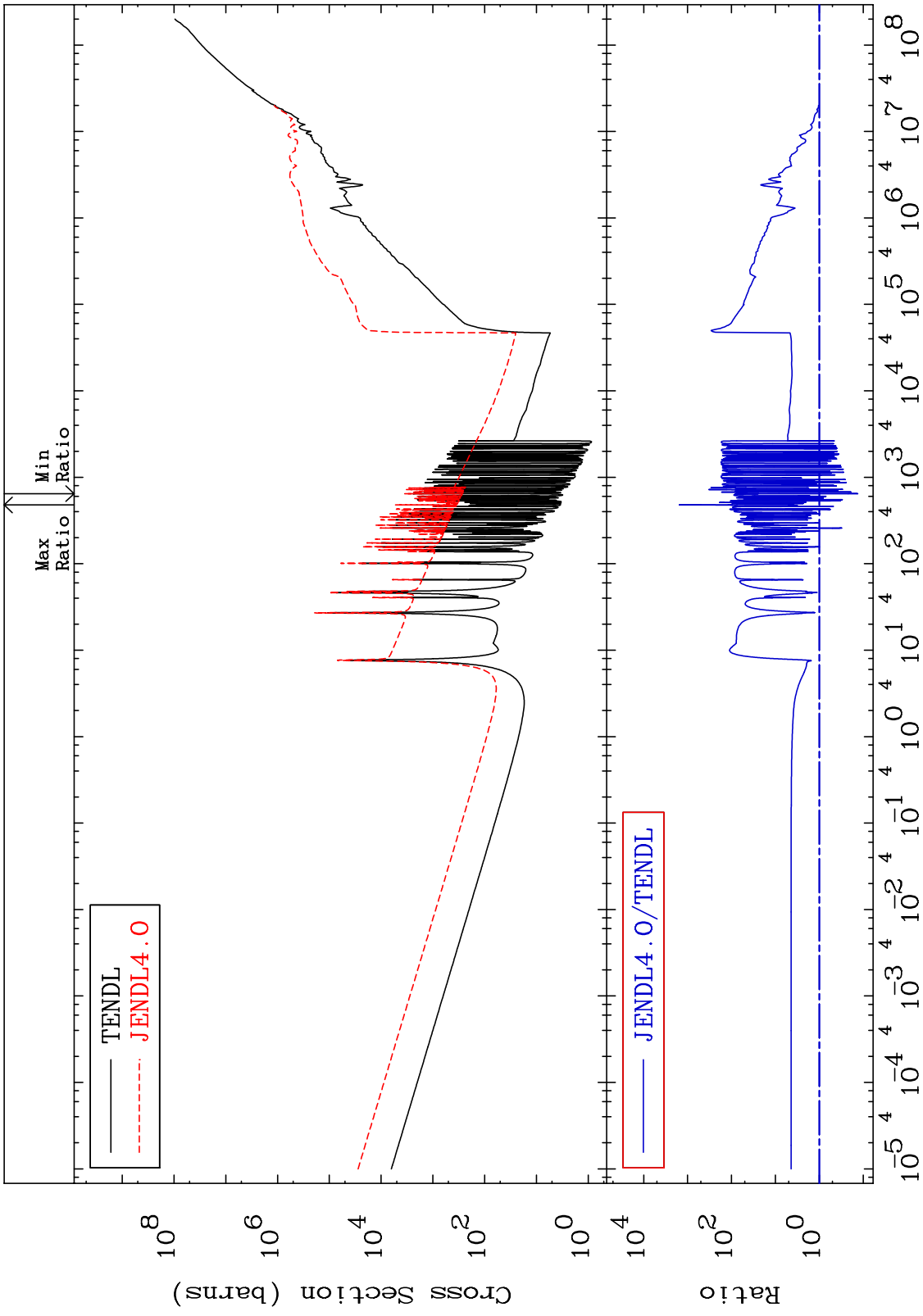
MAT 7434

Kerma elastic
Cross Section

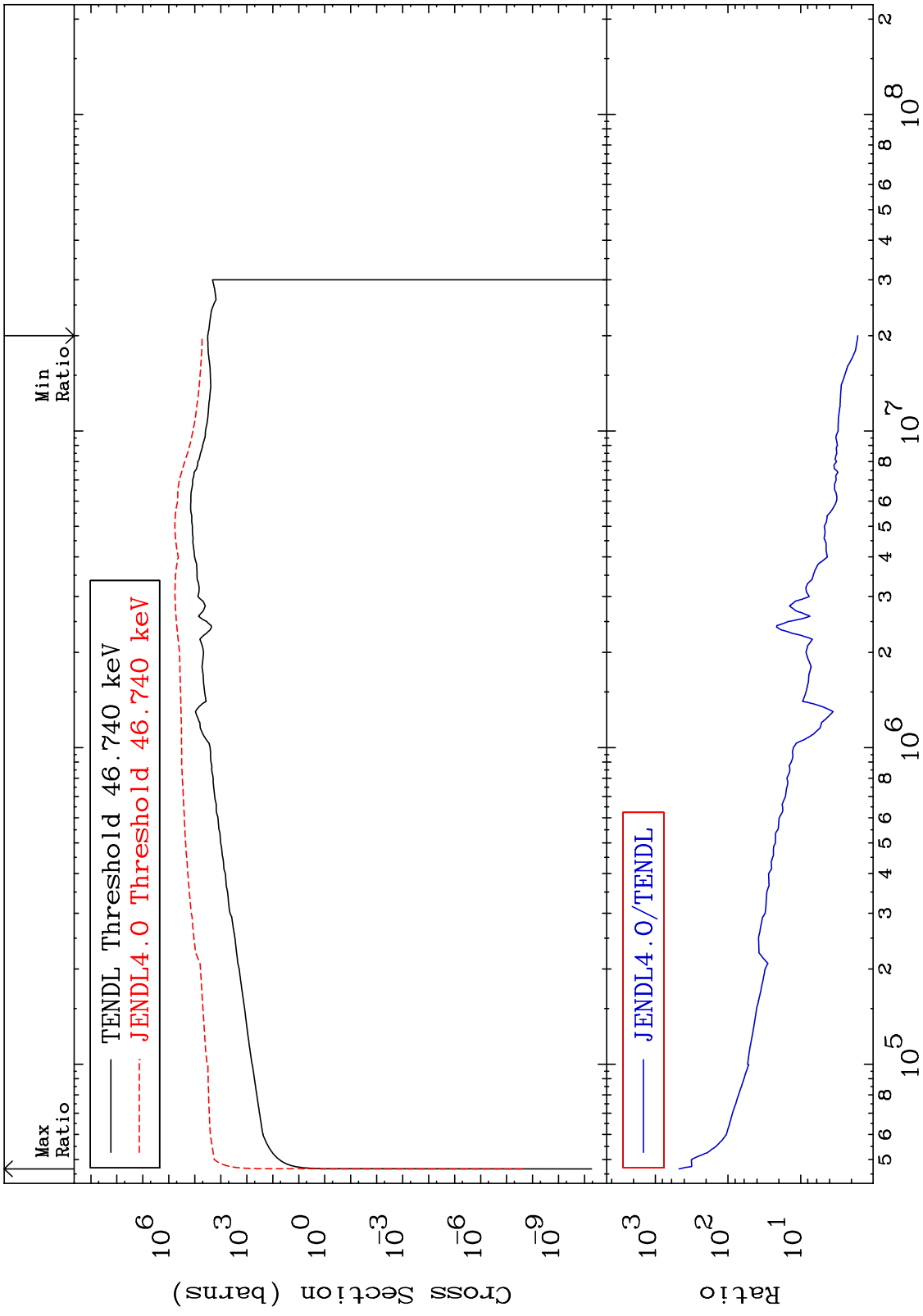
74-W -183
-99.62 To 9999. %



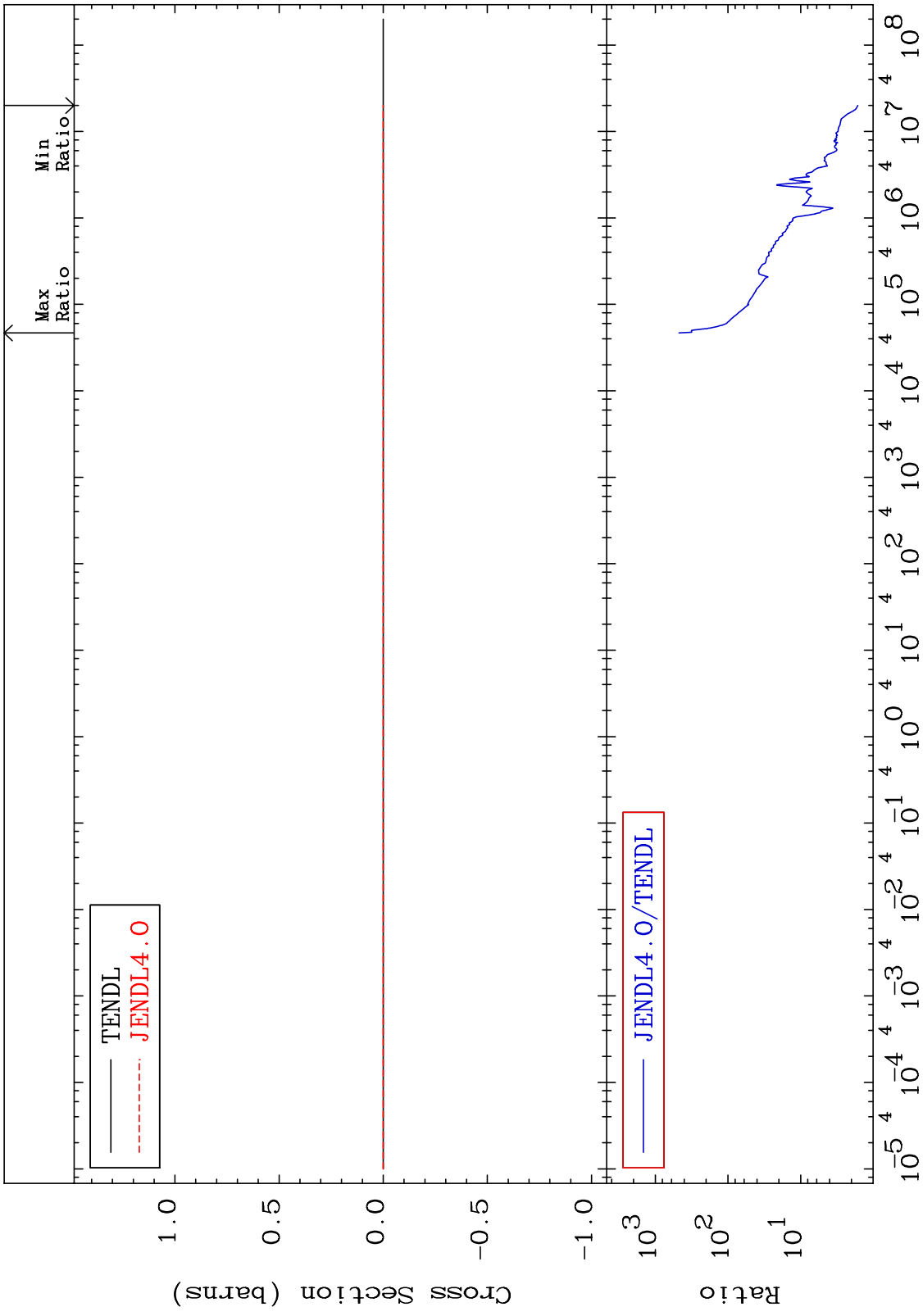
MAT 7434 Kerma non-elastic (all but mt2) 74-W -183
 Cross Section -86.74 To 9999. %



MAT 7434 Kerma inelastic (mt51-91) 74-W -183
 Cross Section 63.05 To 9999. %



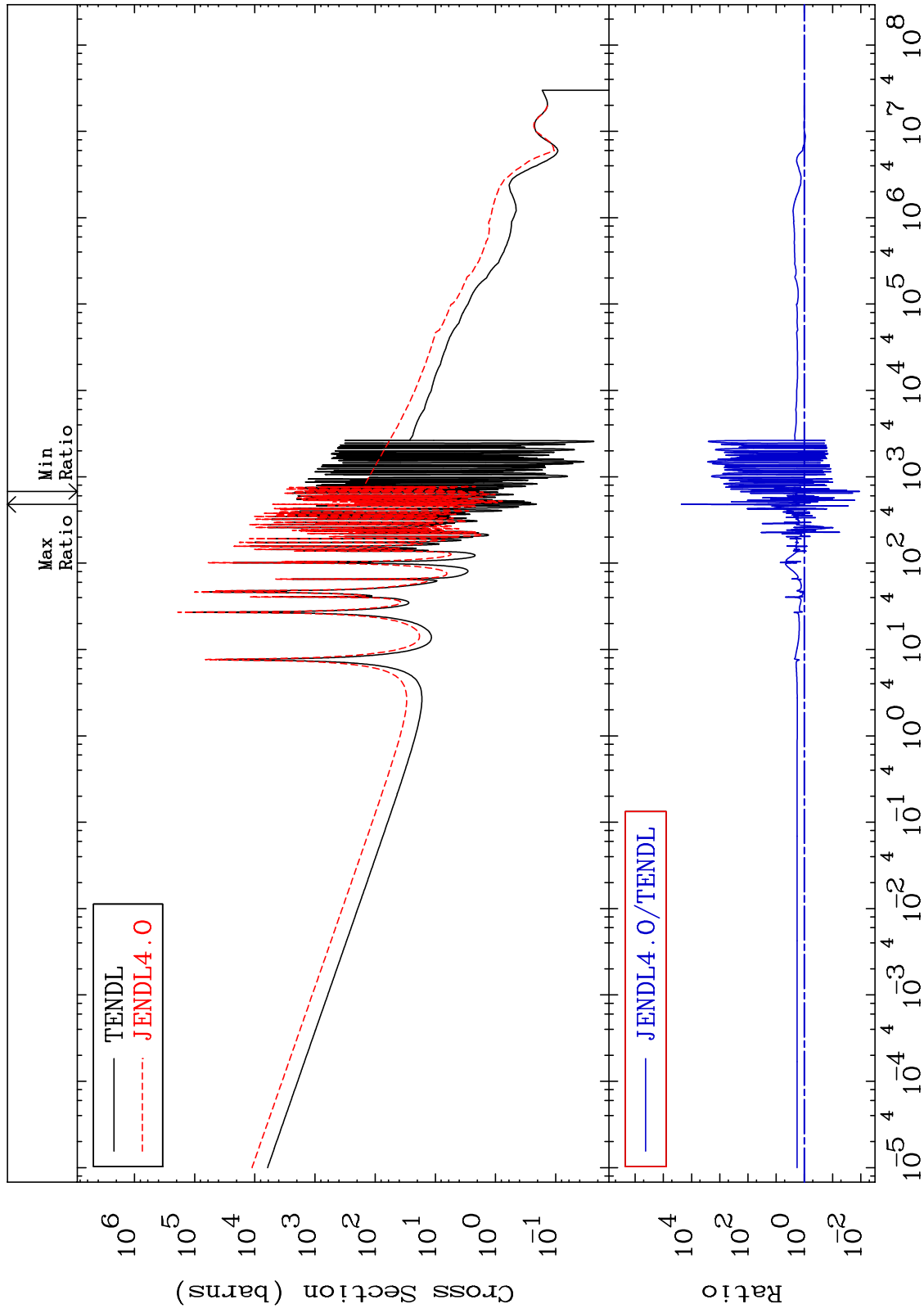
MAT 7434 Kerma fission (mt18 or mt19-20-21-38) 74-W -183
 Cross Section 63.05 To 9999. %



MAT 7434

Kerma capture (mt102)
Cross Section

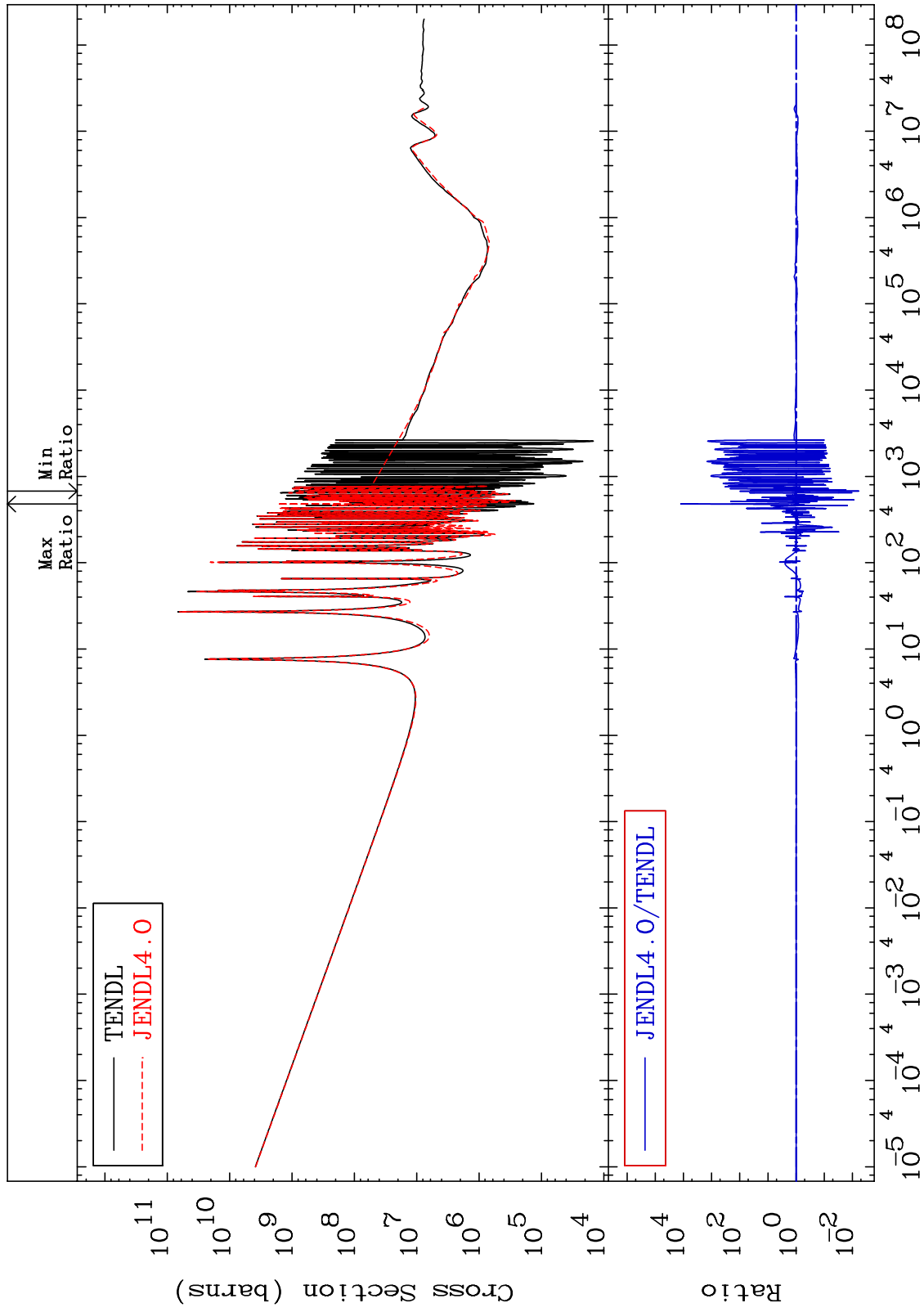
74-W -183
-98.92 To 9999. %



MAT 7434

Total photon (eV-barns)
Cross Section

74-W -183
-99.41 To 9999. %

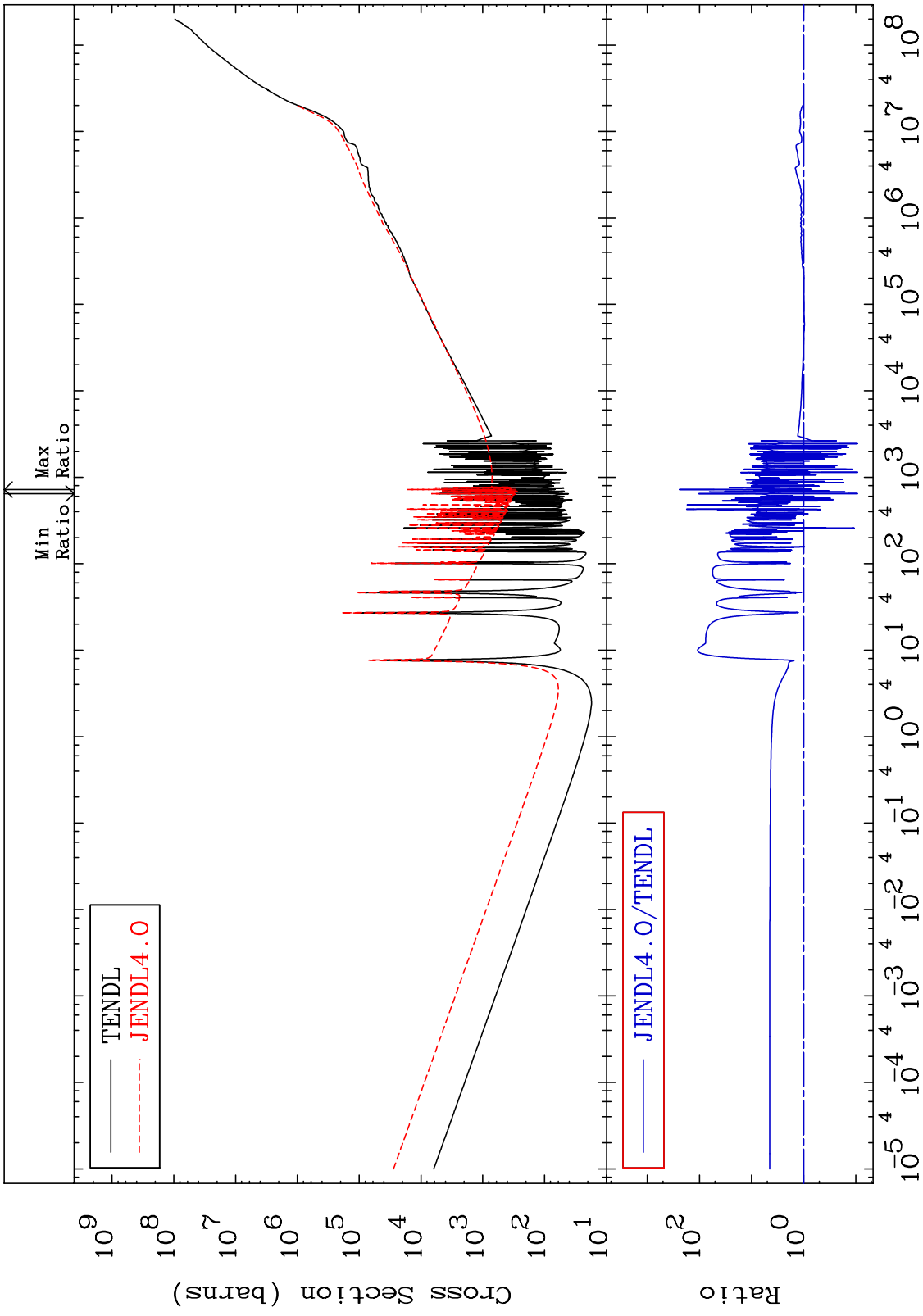


60

Incident Energy (eV)

74-W -183

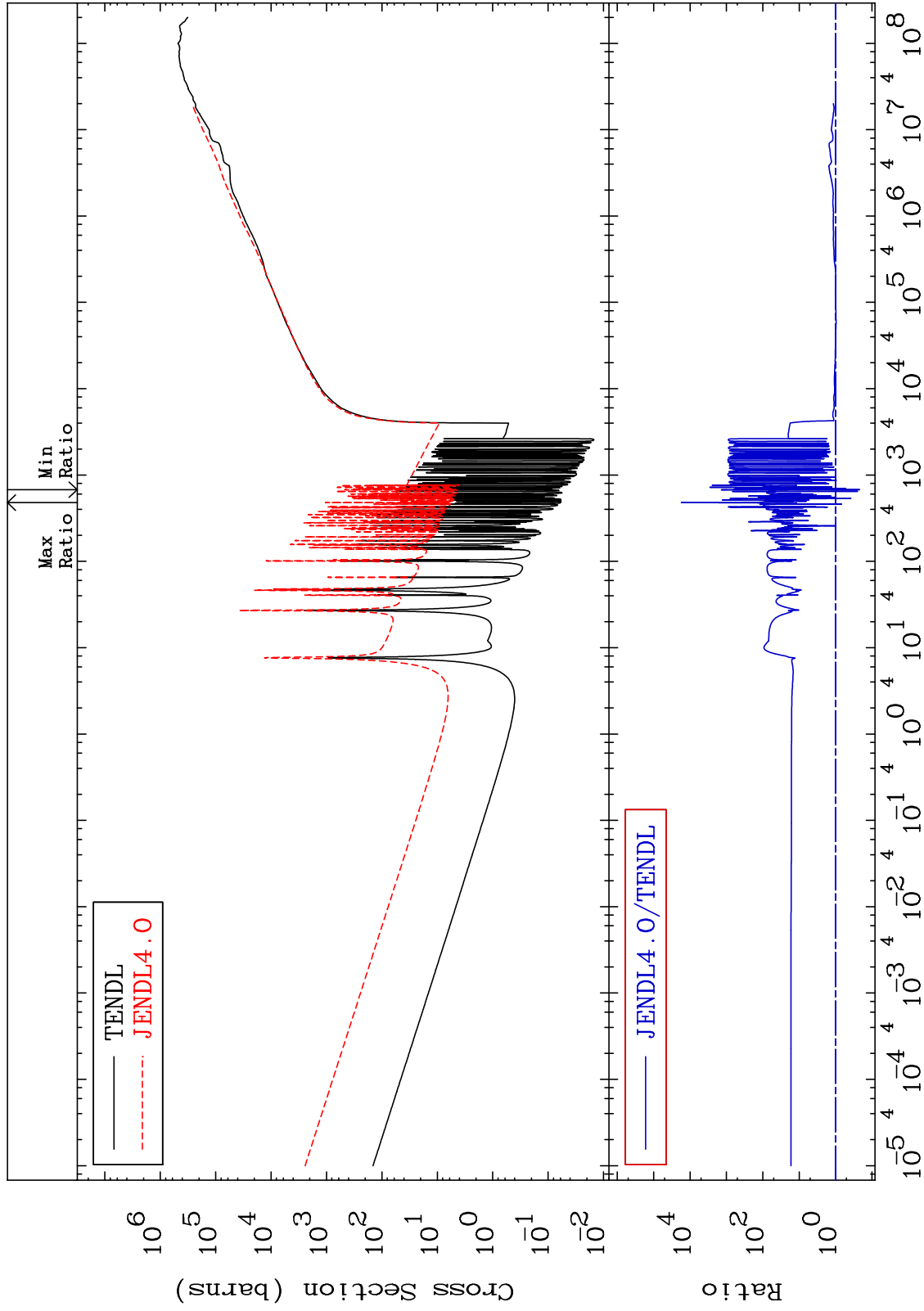
MAT 7434 Total kinematic kerma (high limit) 74-W -183
 Cross Section -90.89 To 9999. %



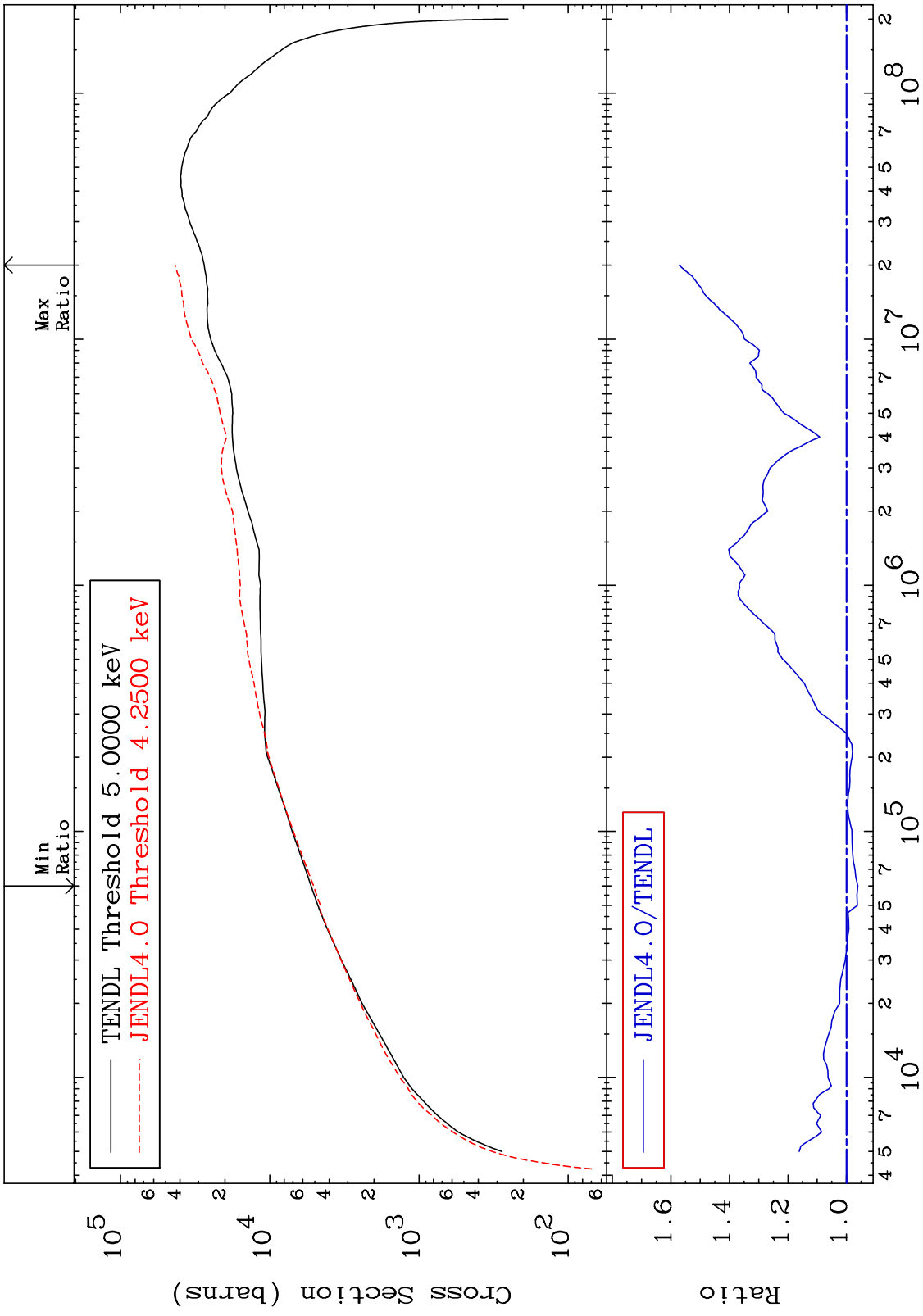
MAT 7434

Dpa total (eV-barns)
Cross Section

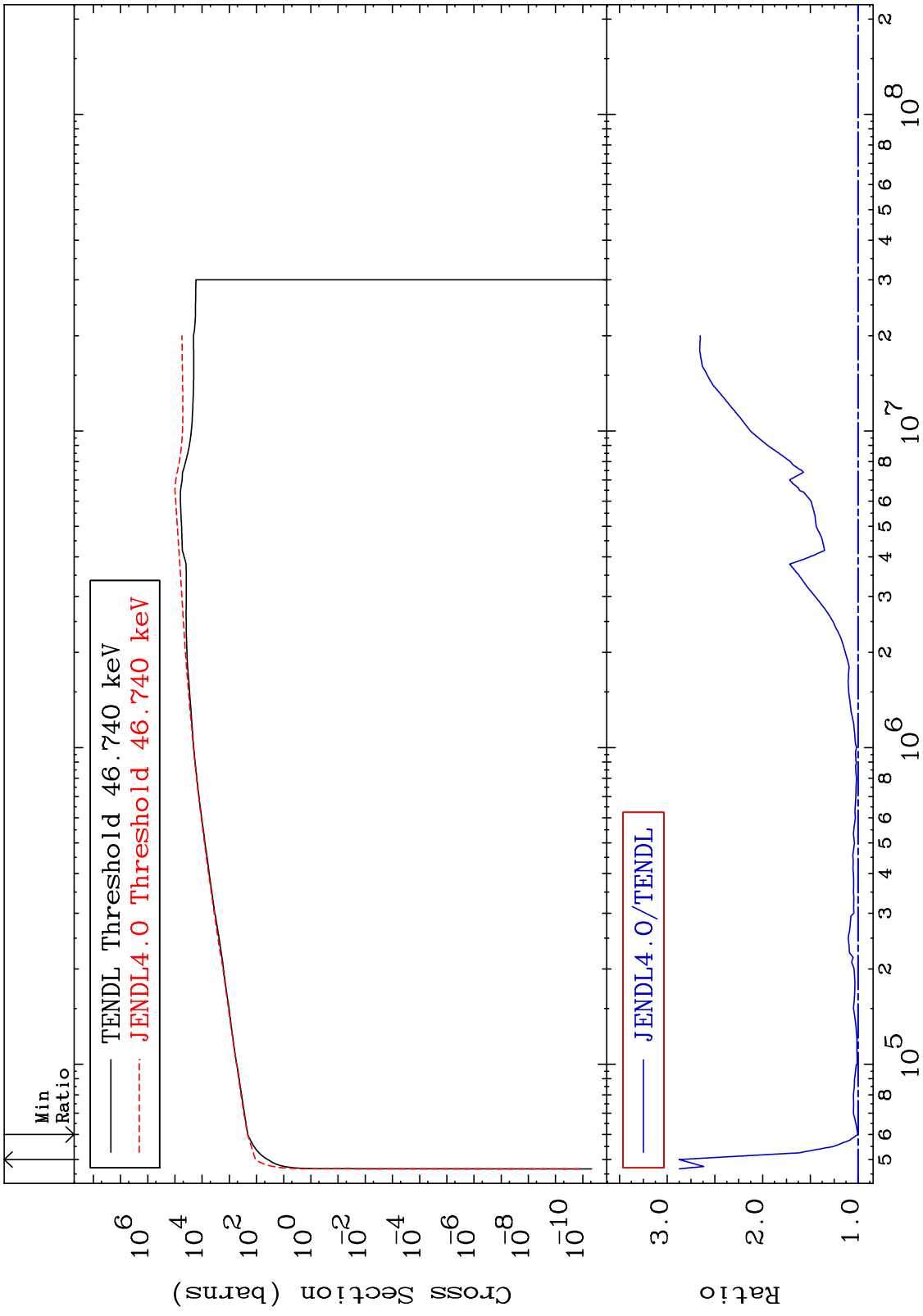
74-W -183
-78.41 To 9999. %



MAT 7434 Dpa elastic (mt2) Cross Section 74-W -183
 -3.869 To 57.19 %



MAT 7434 Dpa inelastic (mt51-91) 74-W -183
Cross Section 0.165 To 187.6 %



MAT 7434

Dpa disappearance (mt102 -120)
Cross Section

74-W -183
-78.41 To 9999. %

