

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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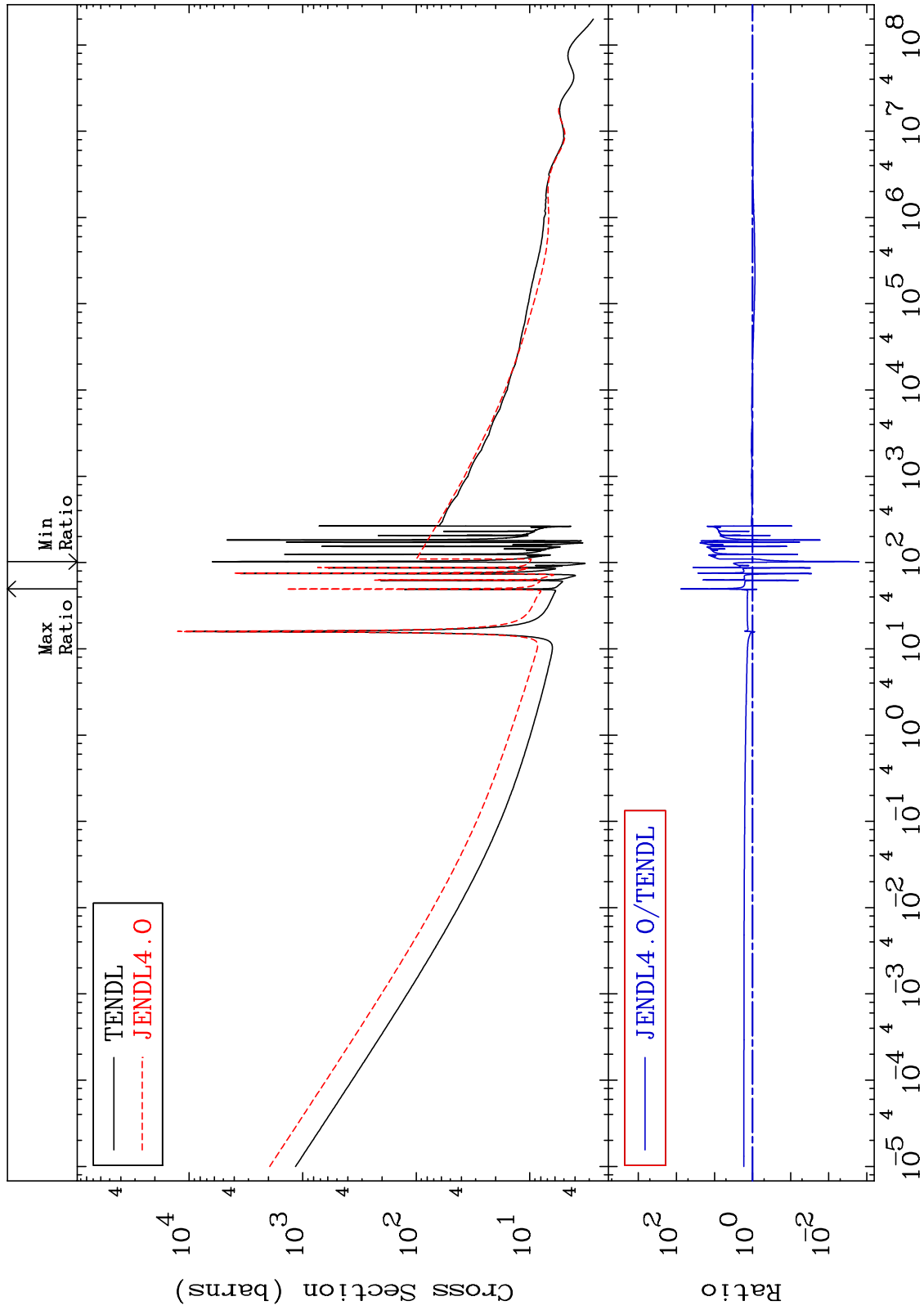
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7425 Total Cross Section 74-W -180 -99.84 To 7657. %



1 Incident Energy (eV) 74-W -180

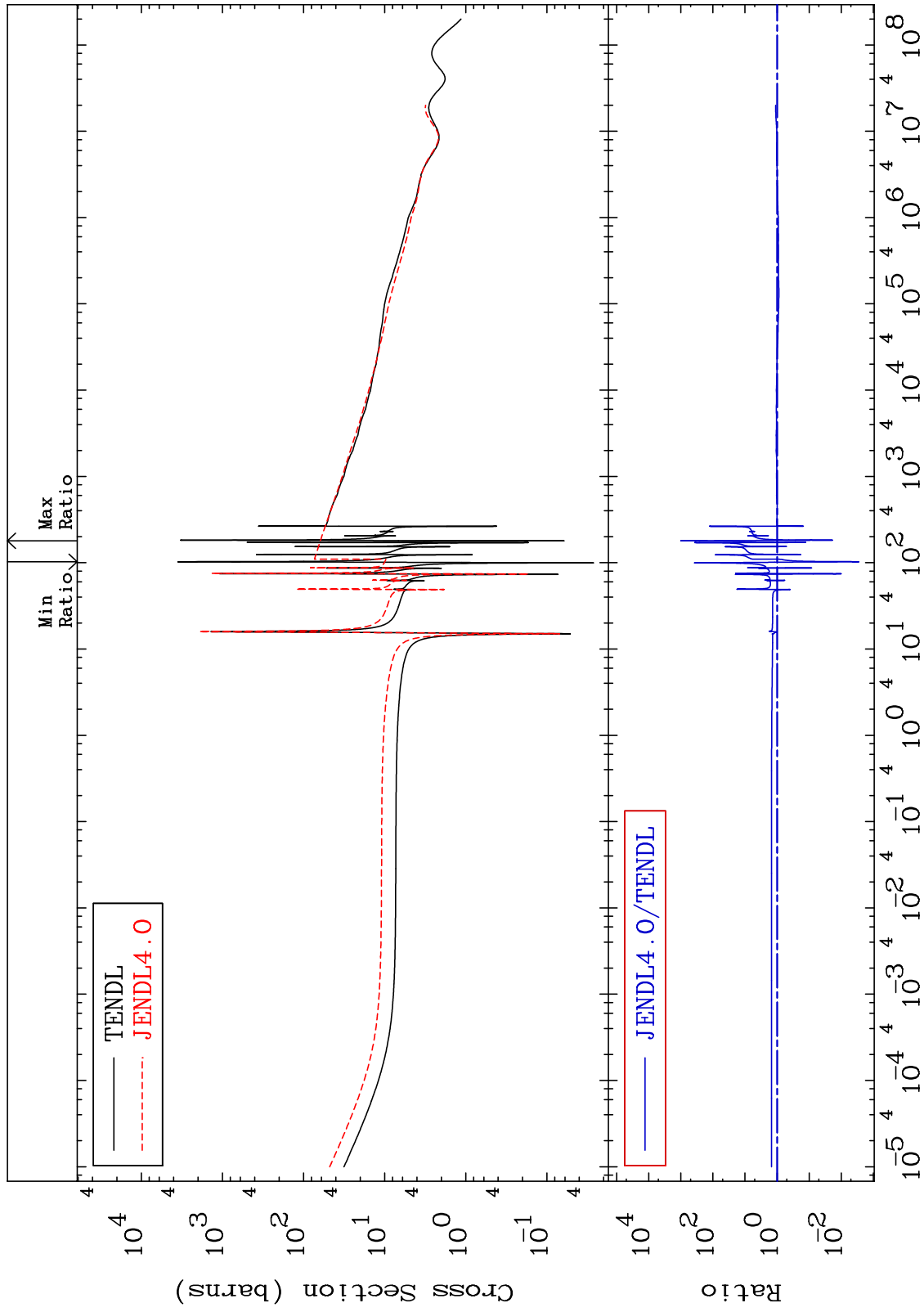
MAT 7425

Elastic

74-W -180

Cross Section

-99.72 To 9999. %

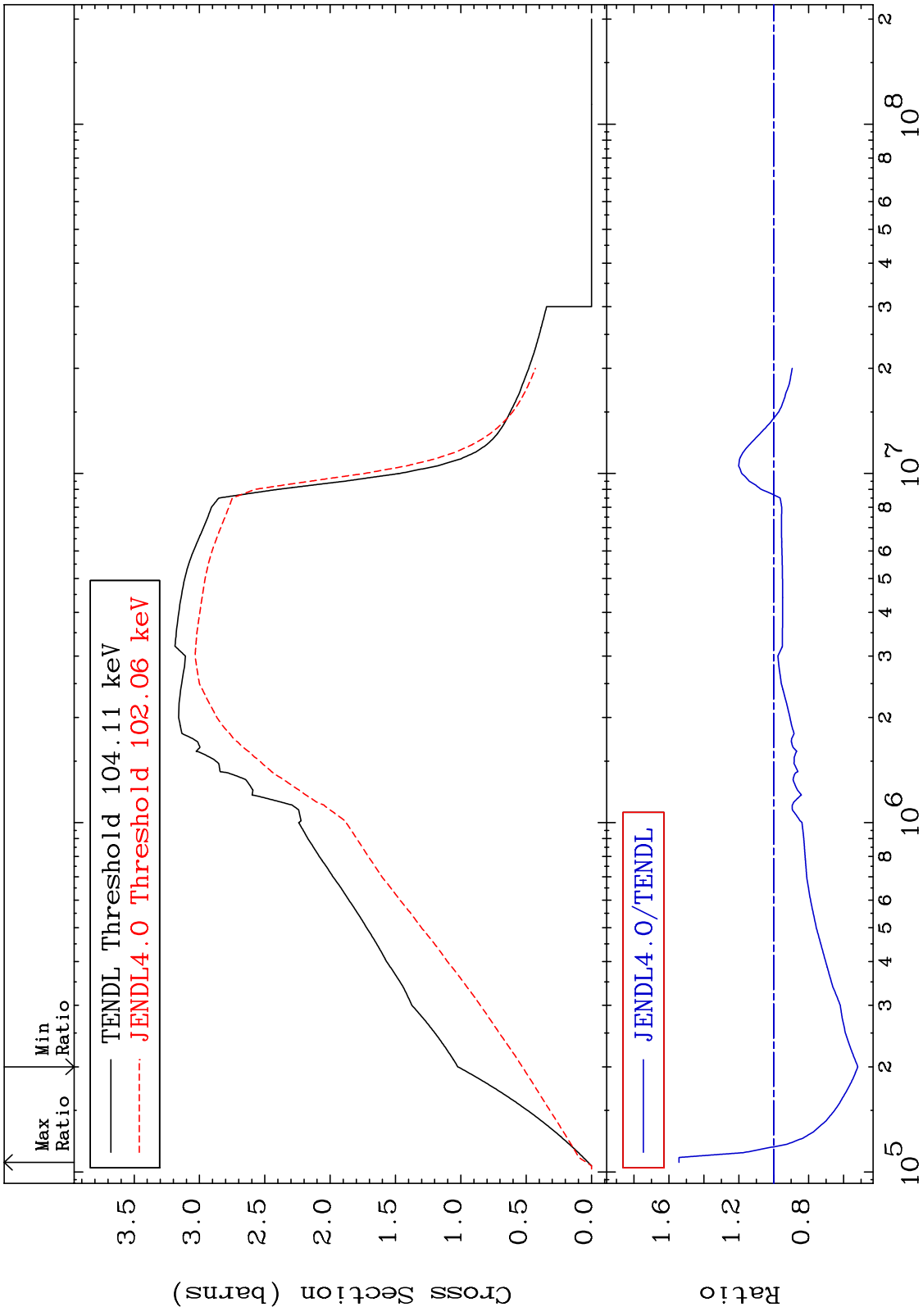


2

Incident Energy (eV)

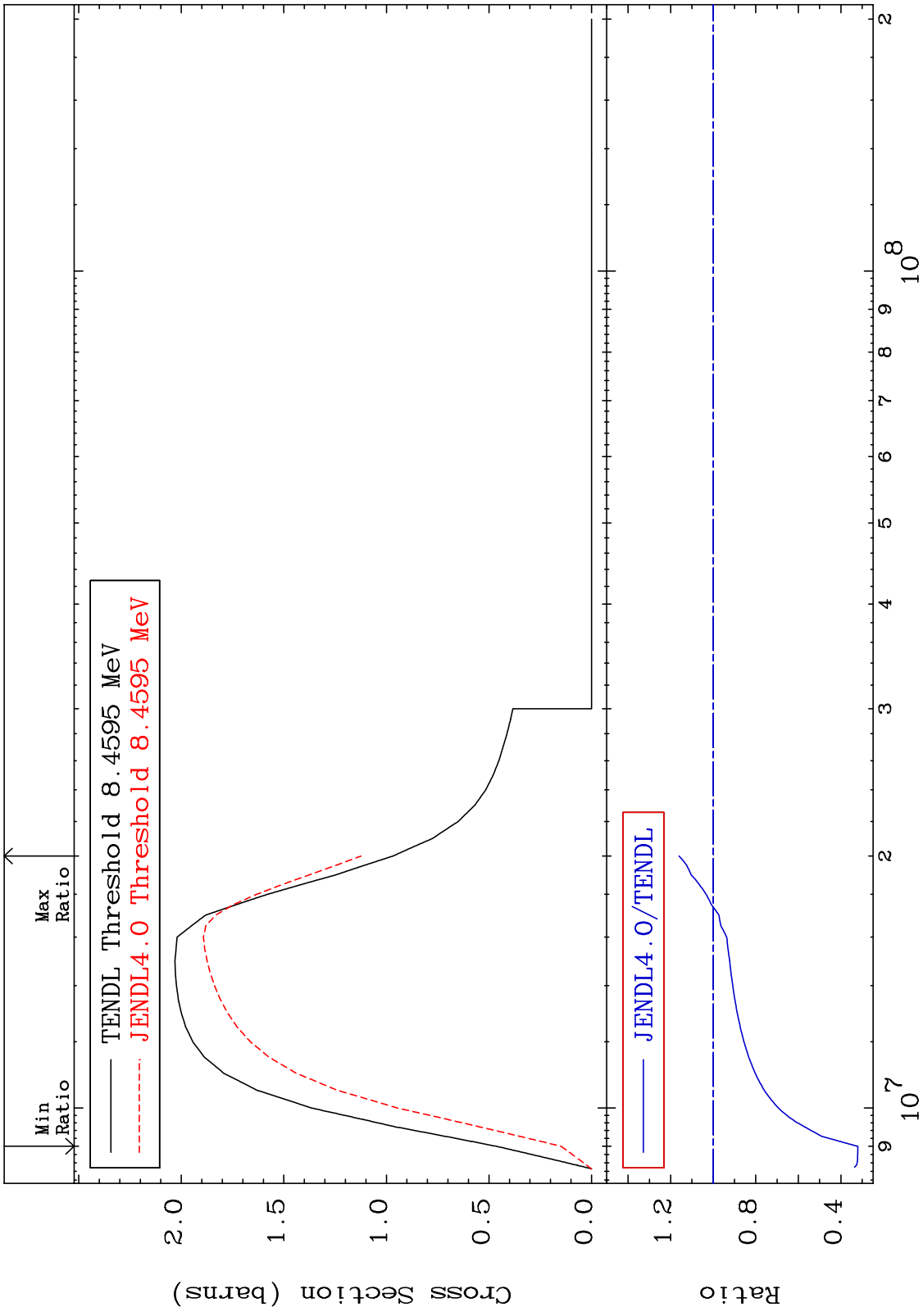
74-W -180

MAT 7425 Inelastic Cross Section 74-W -180 -48.17 To 54.21 %

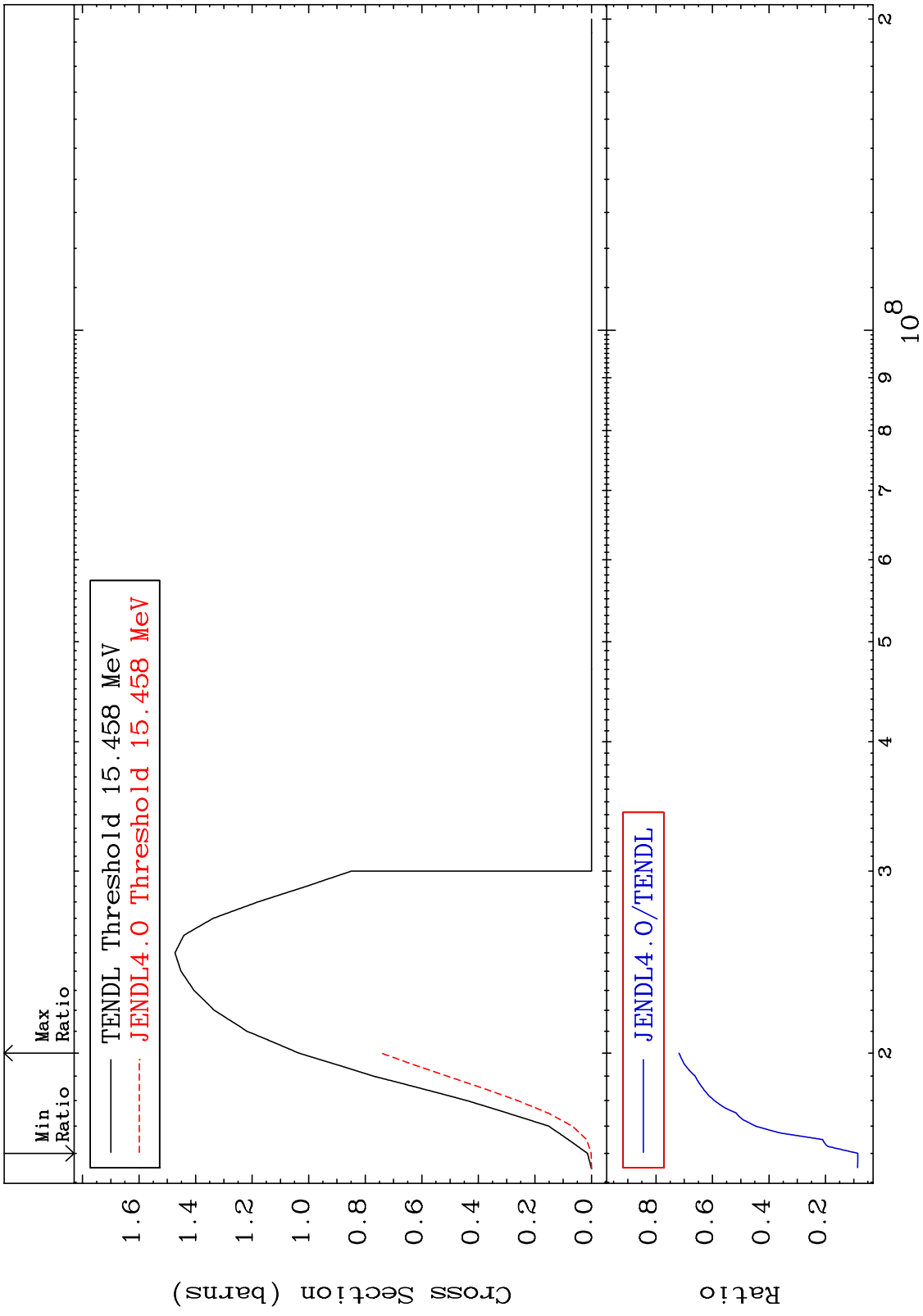


74-W -180

MAT 7425 (n,2n) Cross Section 74-W -180 -67.96 To 16.05 %



MAT 7425 (n,3n) Cross Section 74-W -180 -91.43 To -28.16%



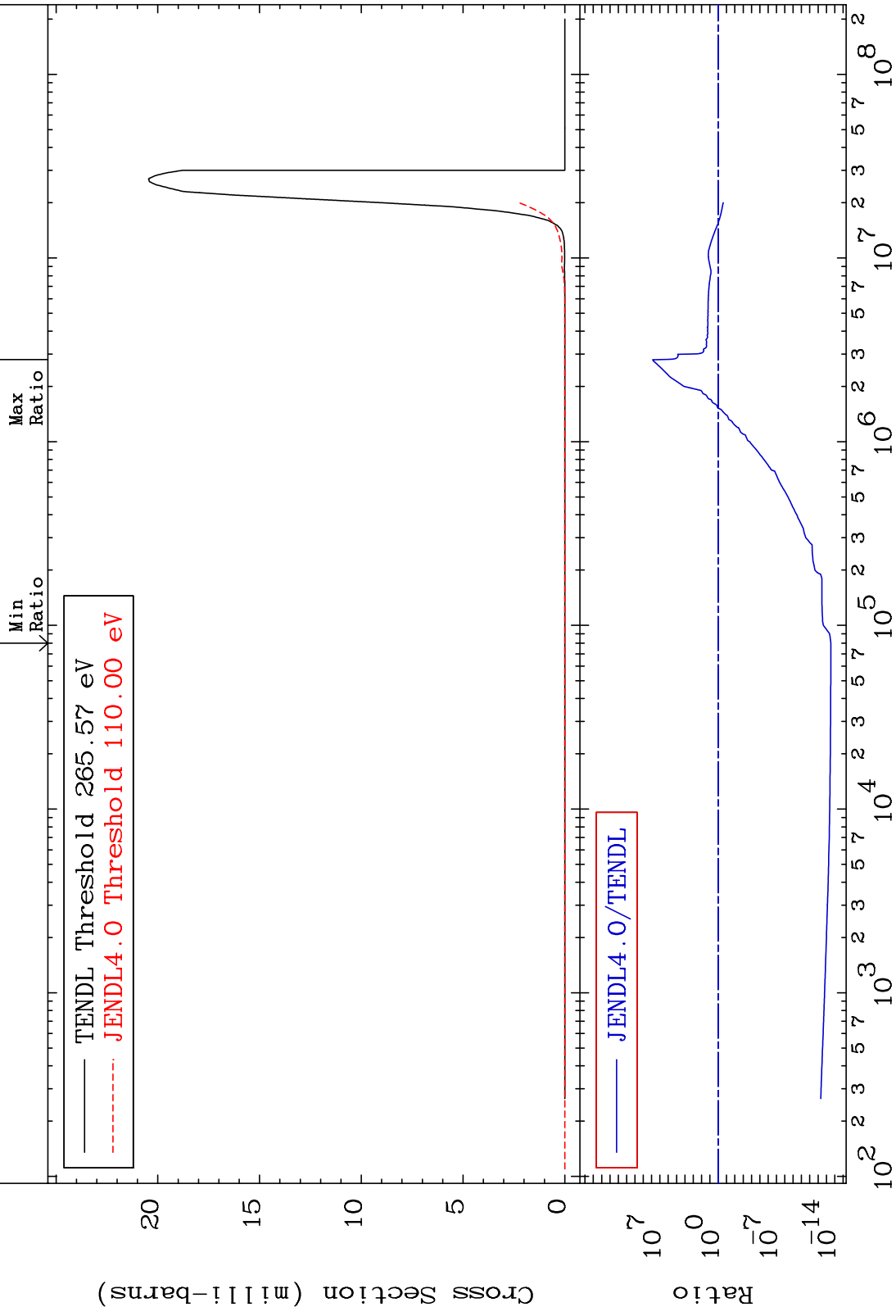
MAT 7425

(n, n') α

74-W -180

-100.0 To 9999. %

Cross Section

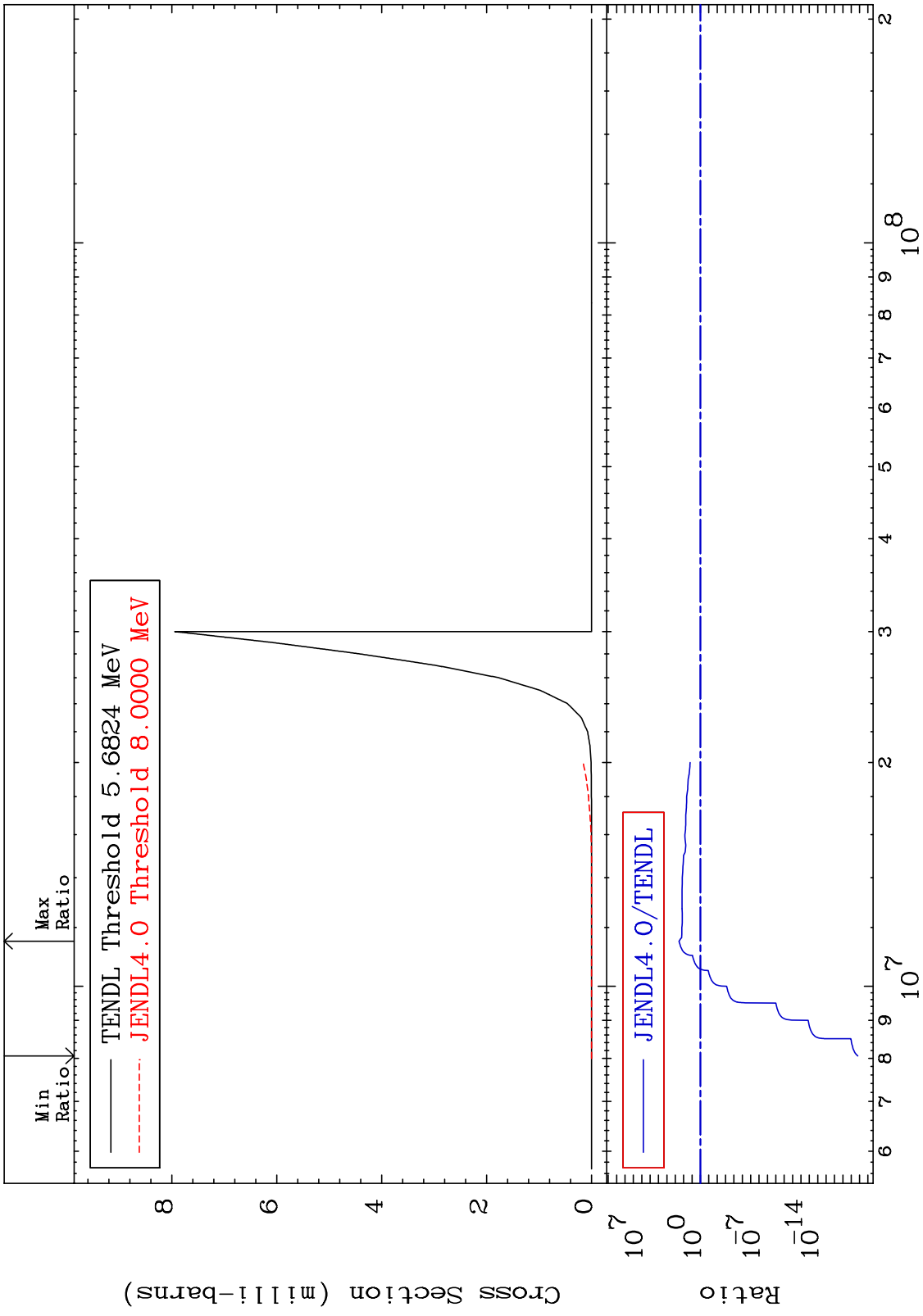


74-W -180

Incident Energy (eV)

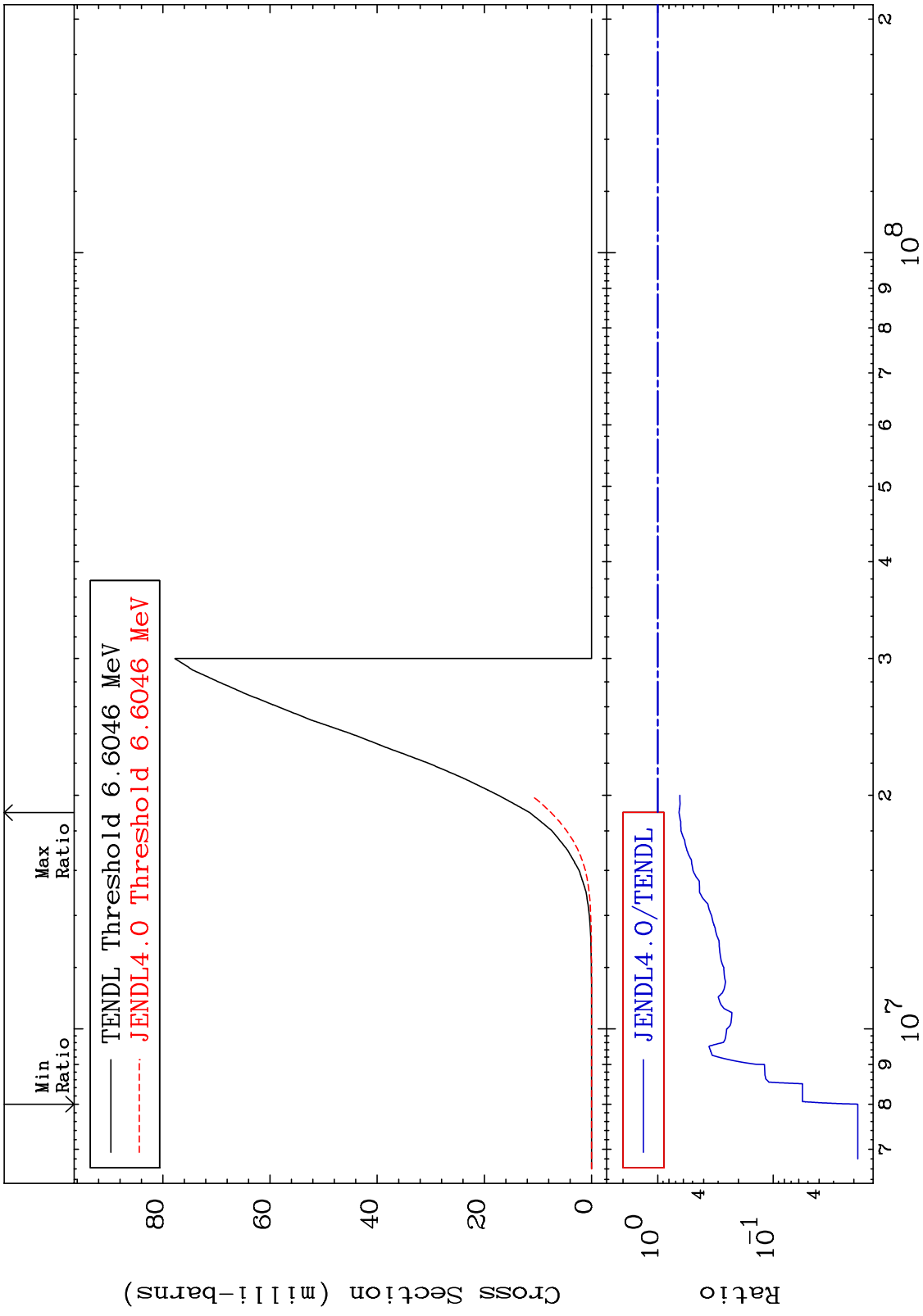
6

MAT 7425 (n,2n) α 74-W -180
 Cross Section -100.0 To 9999. %



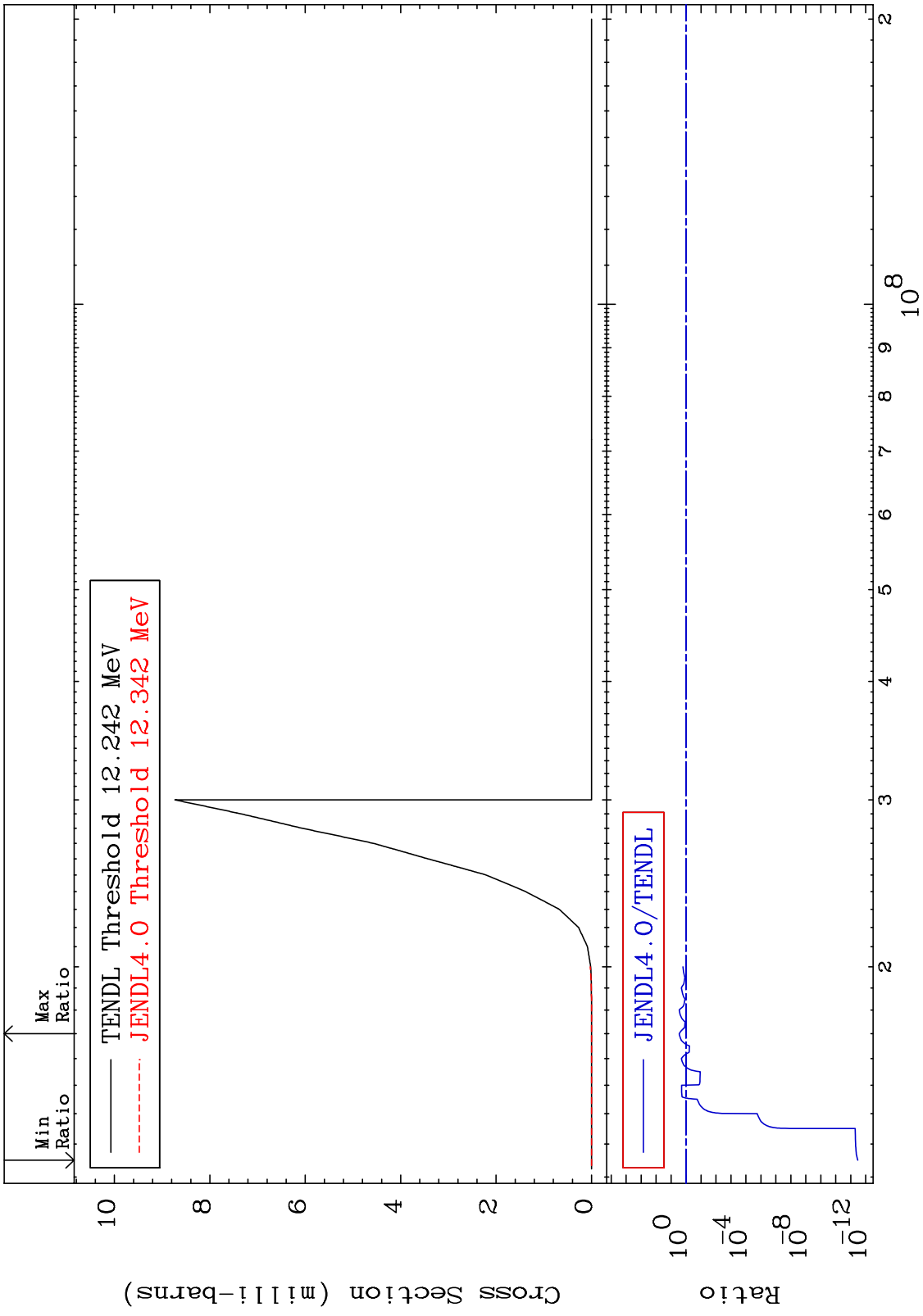
74-W -180

MAT 7425 (n,n') p 74-W -180
 Cross Section -98.16 To -34.54%

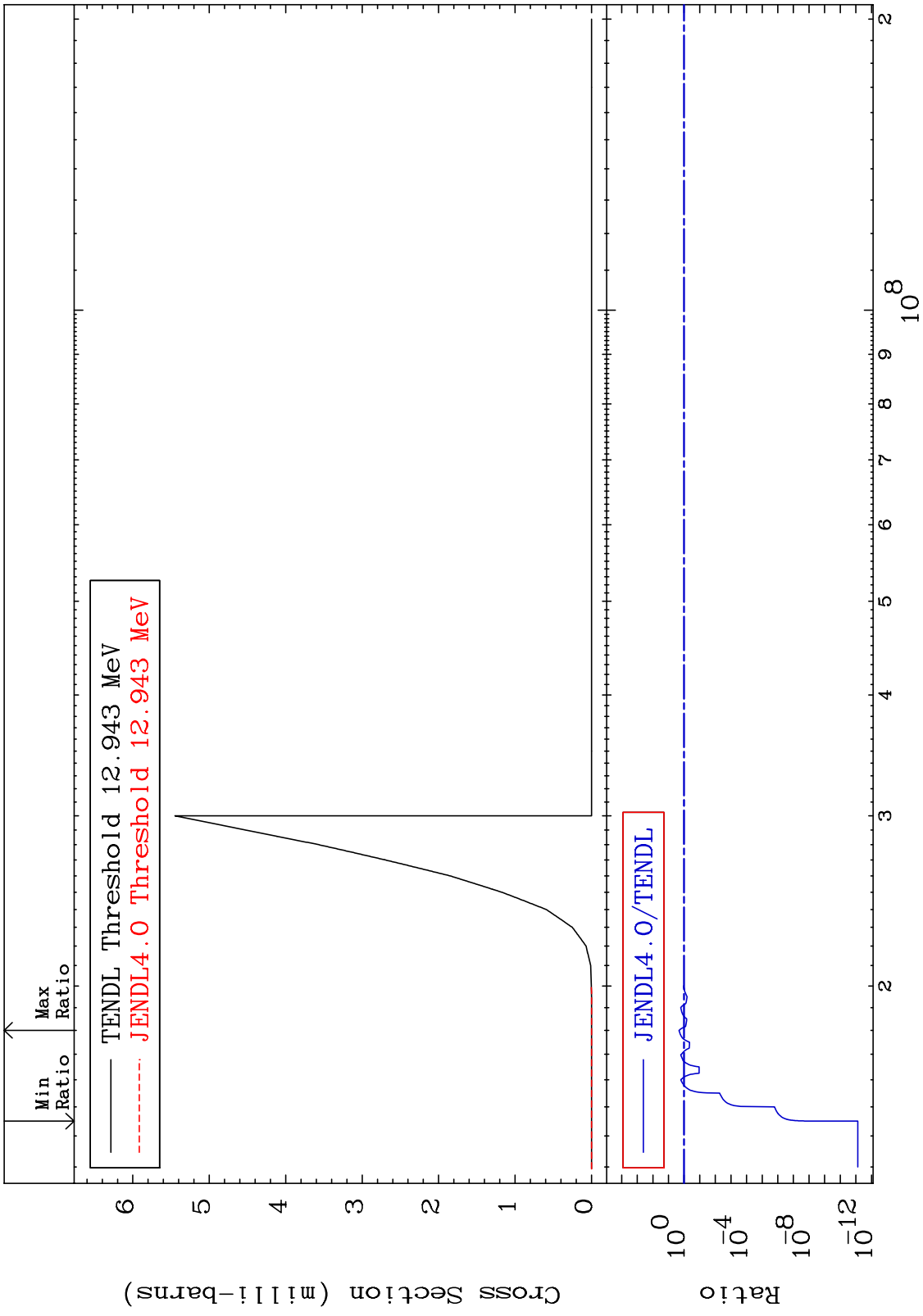


8 74-W -180

MAT 7425 (n,n') d 74-W -180
 Cross Section -100.0 To 192.9 %

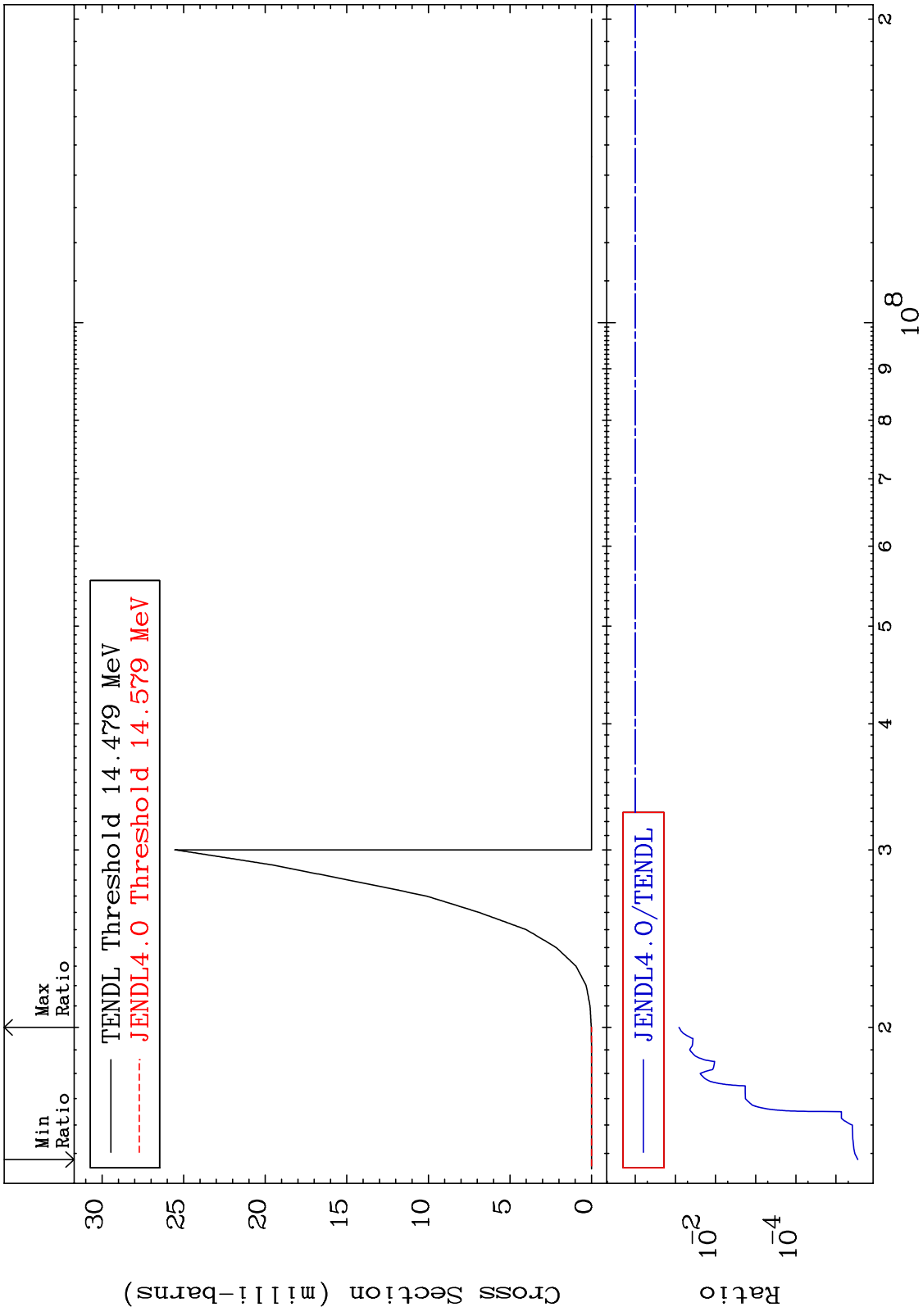


MAT 7425 (n,n') t 74-W -180
 Cross Section -100.0 To 110.9 %

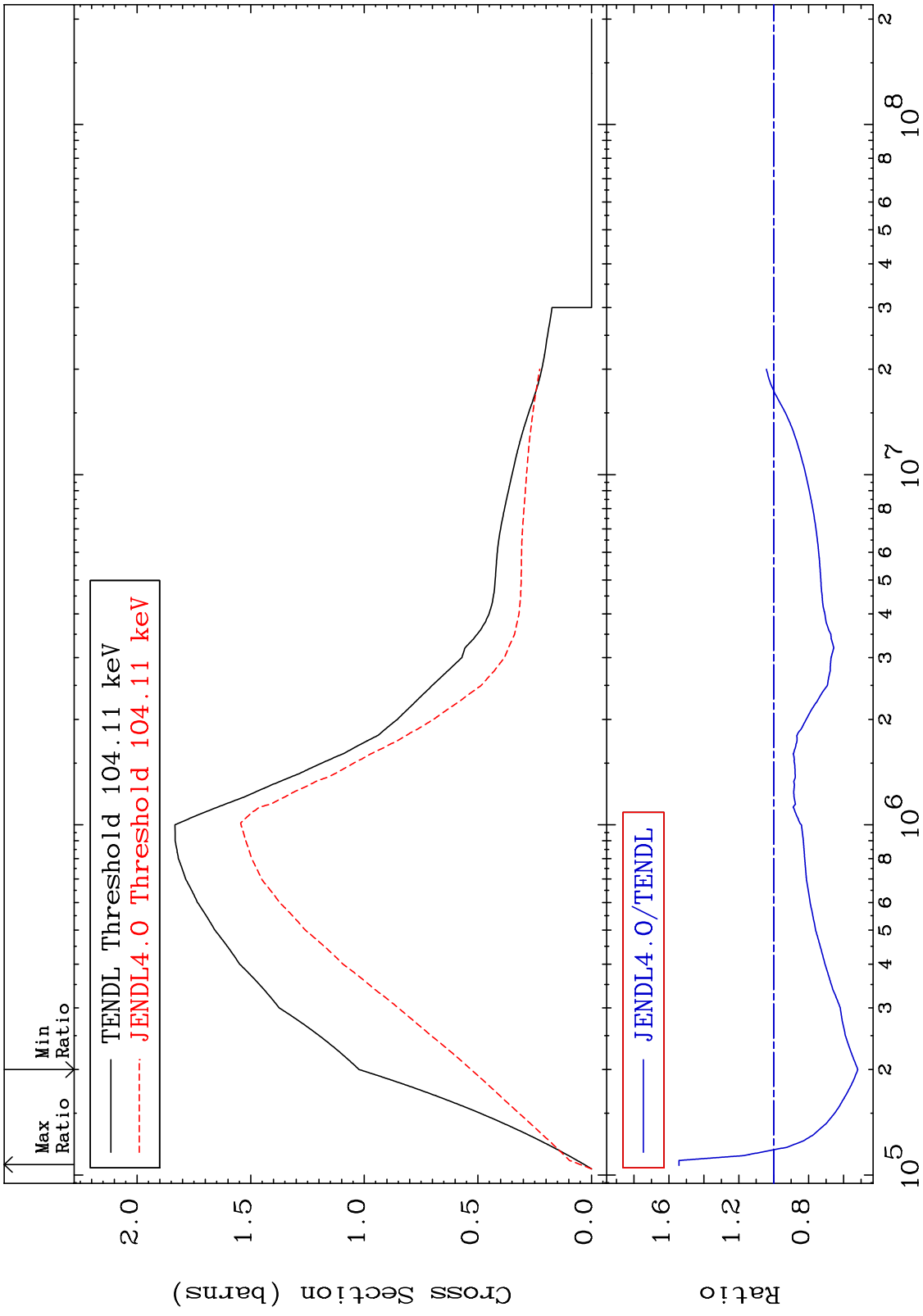


10 74-W -180

MAT 7425 (n,2n) p 74-W -180
 Cross Section -100.0 To -91.89%

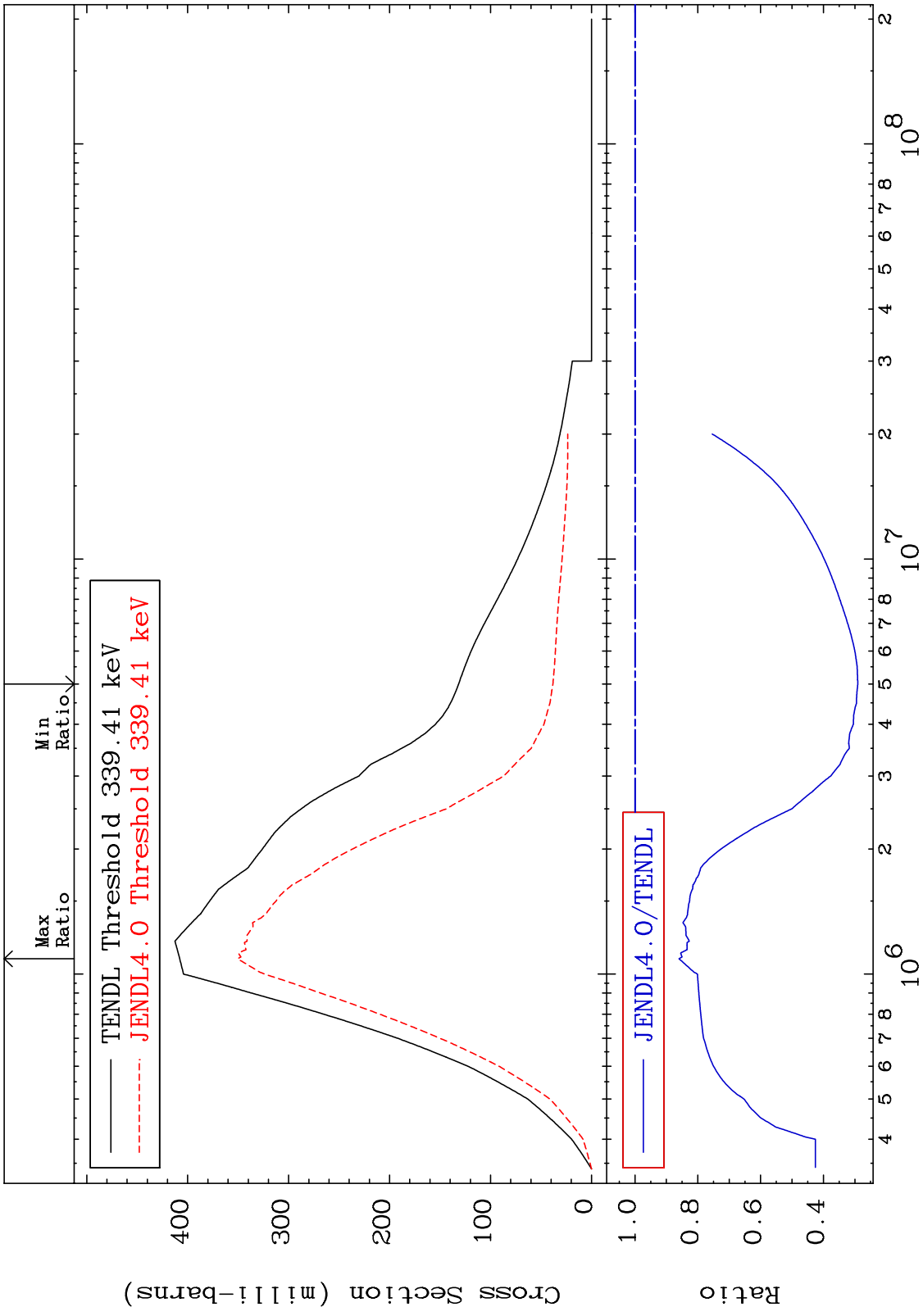


MAT 7425 MT= 51 (n,n') Level Cross Section 74-W -180 -48.17 To 54.20 %

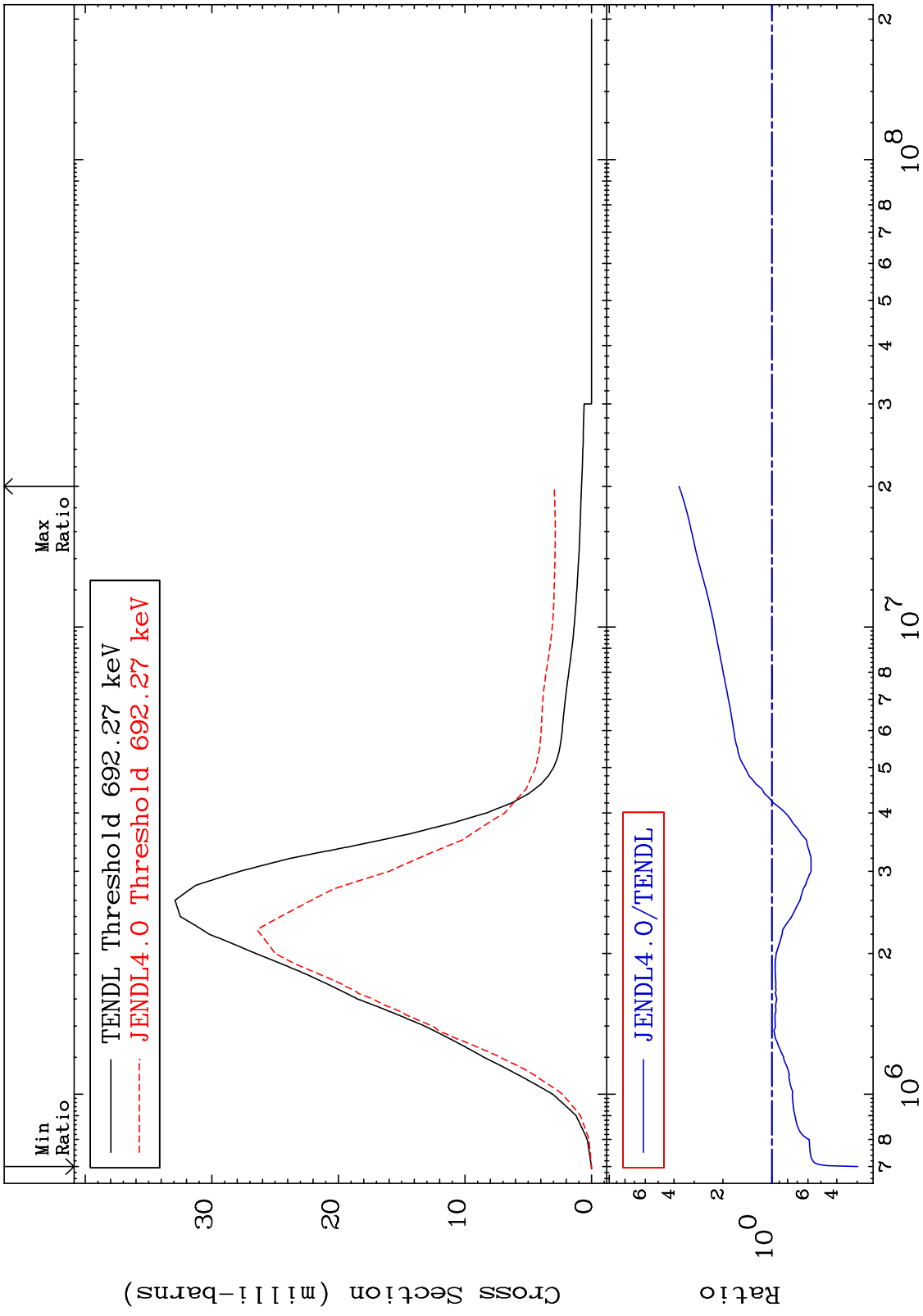


12 Incident Energy (eV) 74-W -180

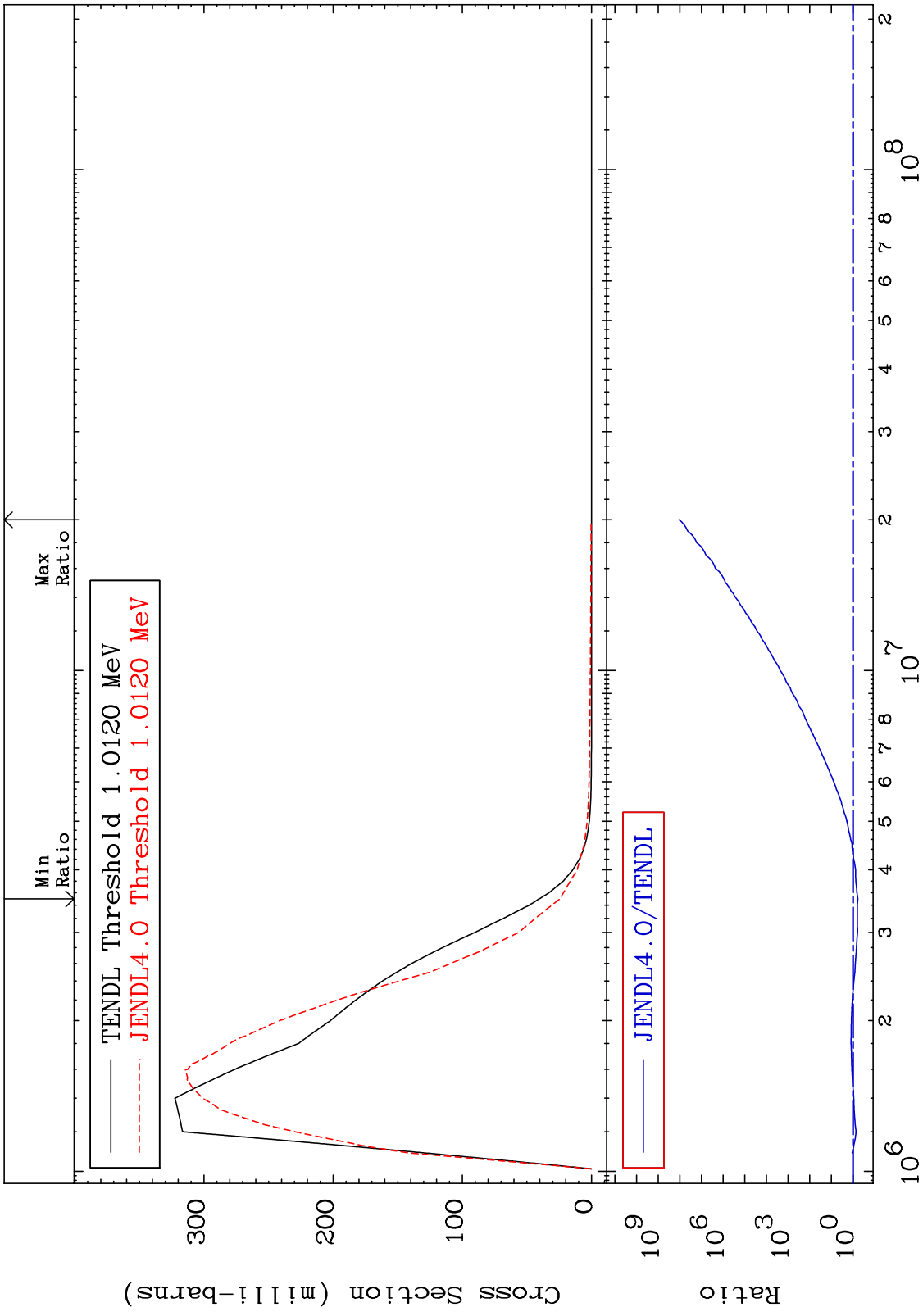
MAT 7425 MT= 52 (n,n') Level Cross Section 74-W -180
 -70.95 To -14.03%



MAT 7425 MT= 53 (n,n') Level Cross Section 74-W -180
 -70.33 To 272.2 %

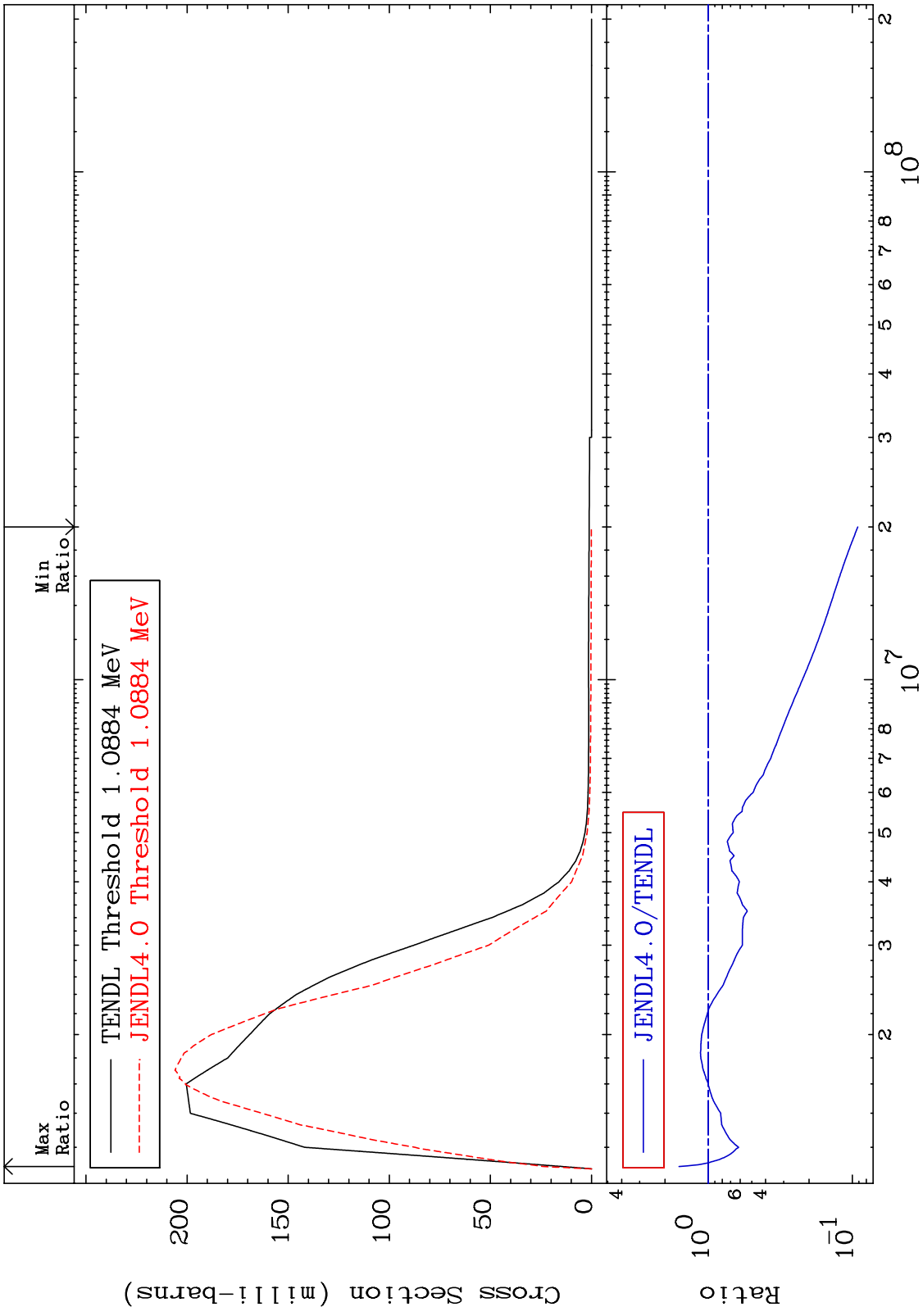


MAT 7425 MT= 54 (n,n') Level Cross Section 74-W -180
 -39.74 To 9999. %

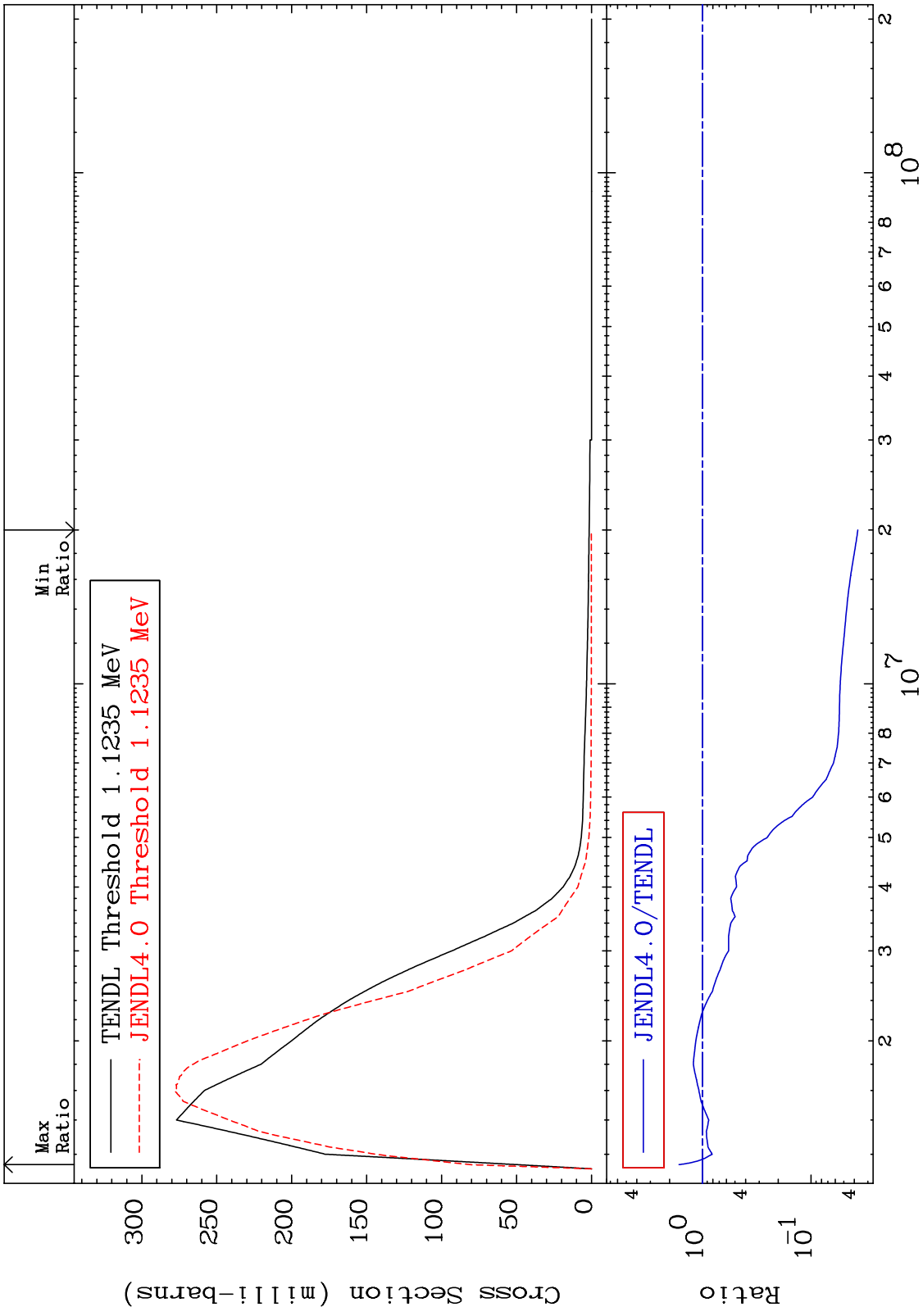


Incident Energy (eV) 74-W -180

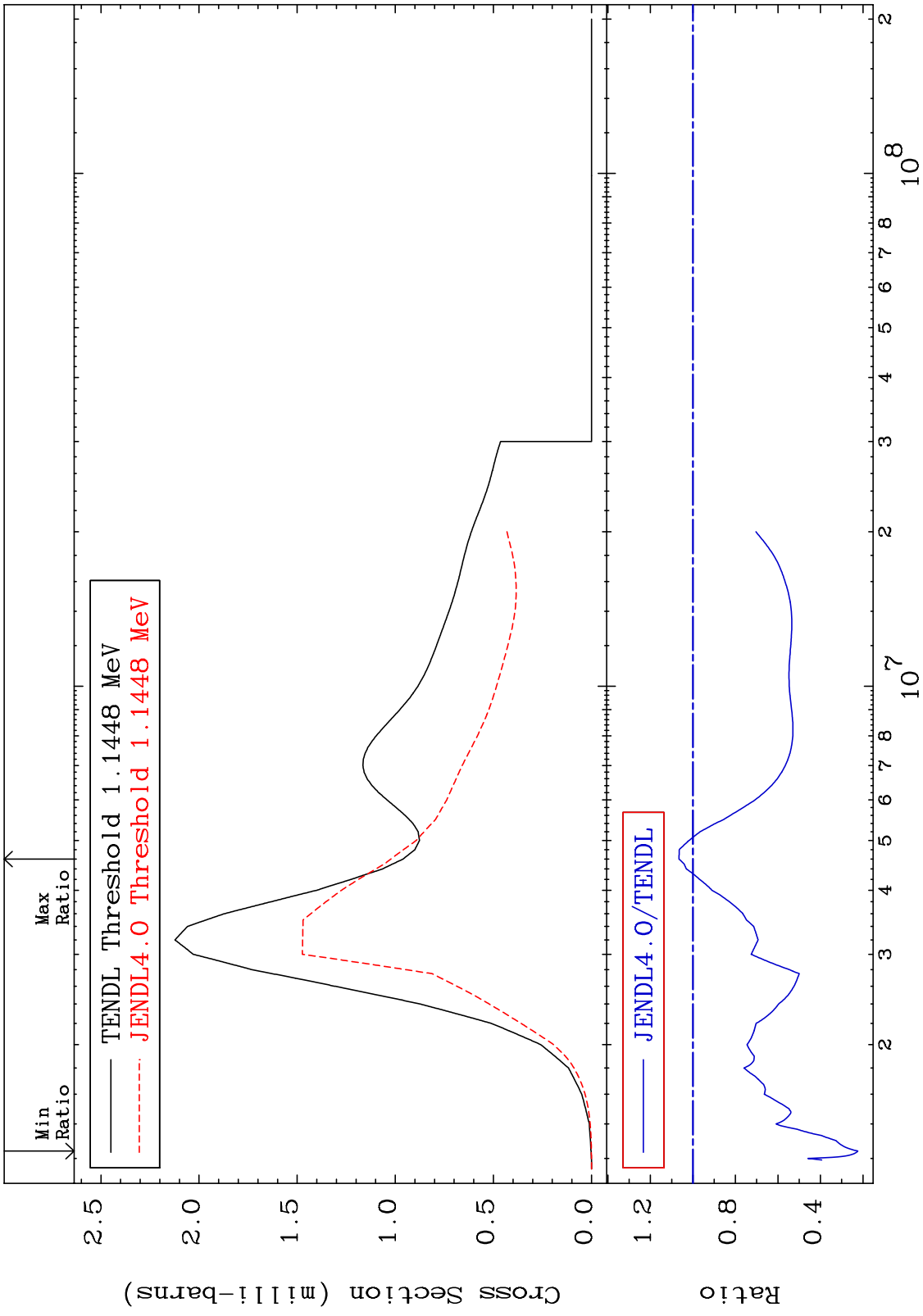
MAT 7425 MT= 55 (n,n') Level Cross Section 74-W -180
 -90.84 To 59.68 %



MAT 7425 MT= 56 (n,n') Level Cross Section 74-W -180
 -96.28 To 63.48 %

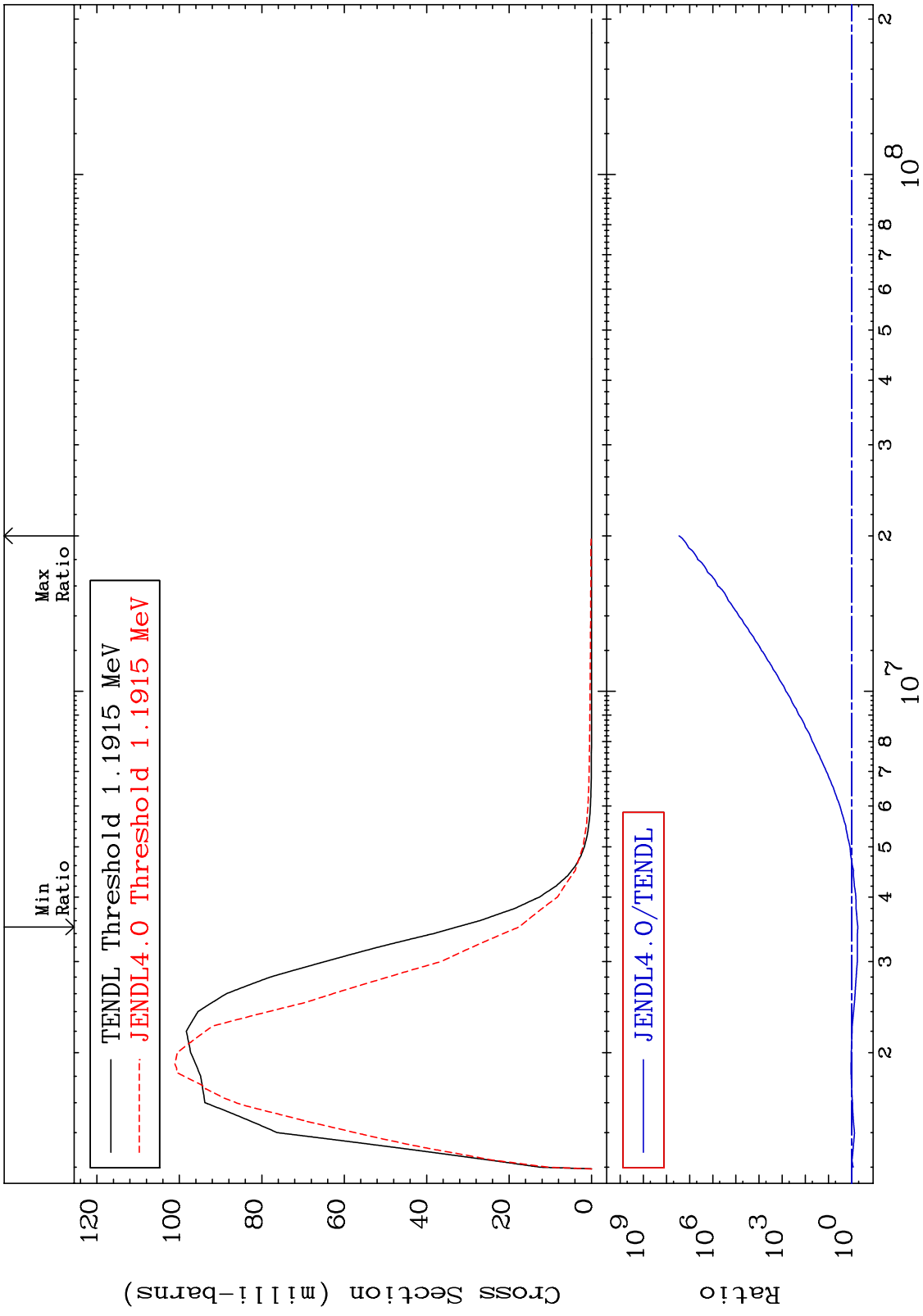


MAT 7425 MT= 57 (n,n') Level Cross Section 74-W -180
 -77.60 To 6.534 %

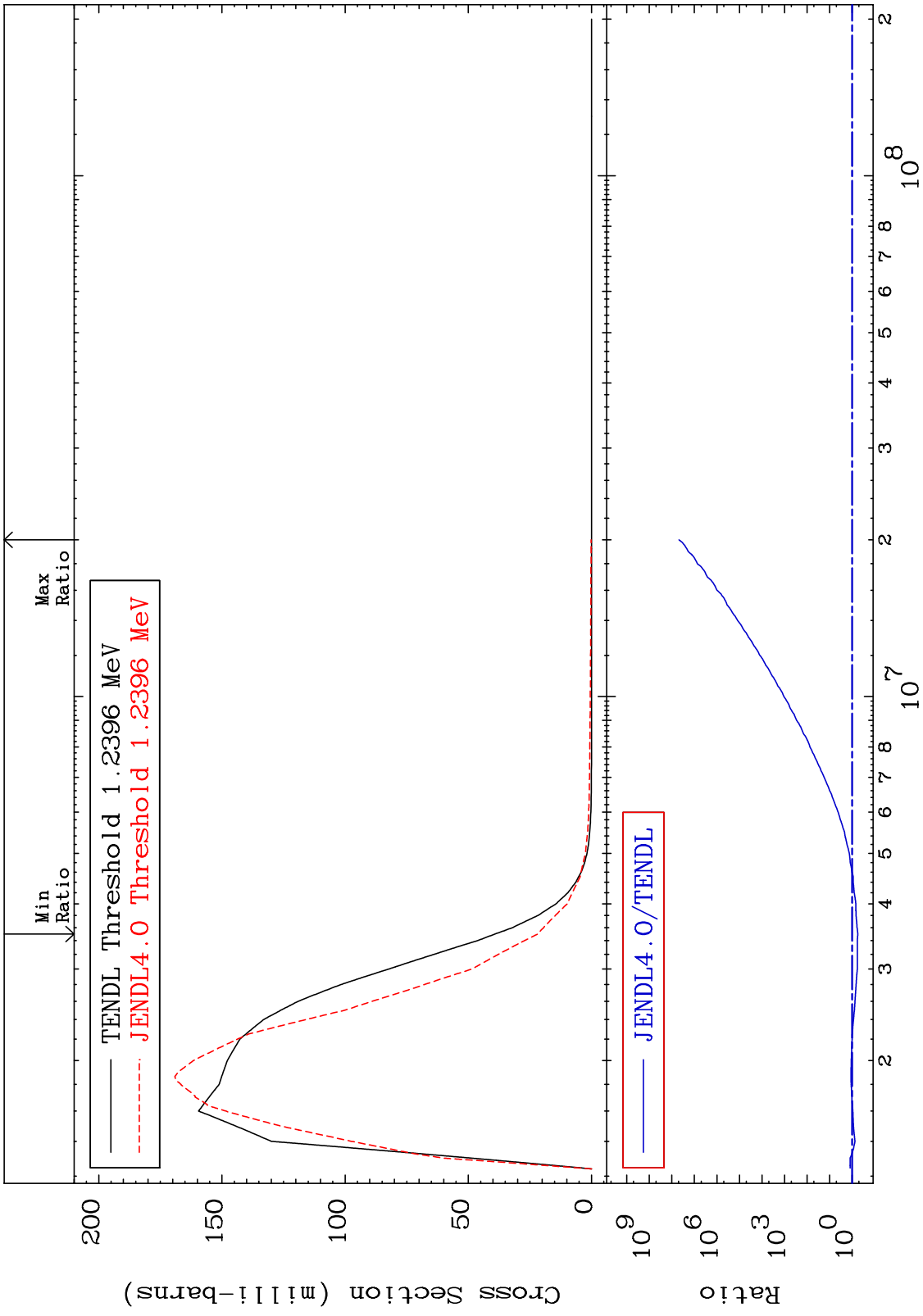


18 74-W -180

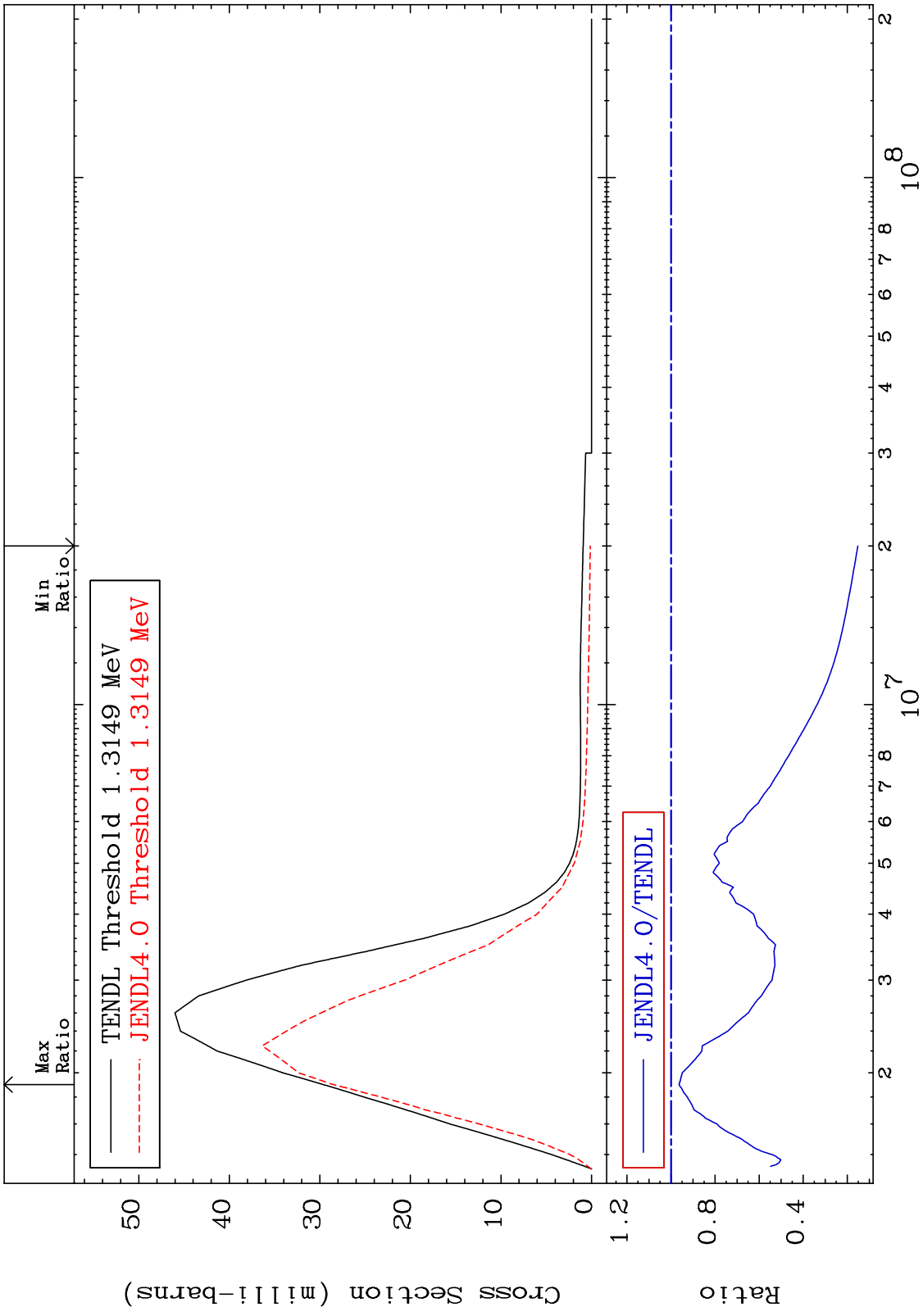
MAT 7425 MT= 58 (n,n') Level Cross Section 74-W -180
 -46.19 To 9999. %



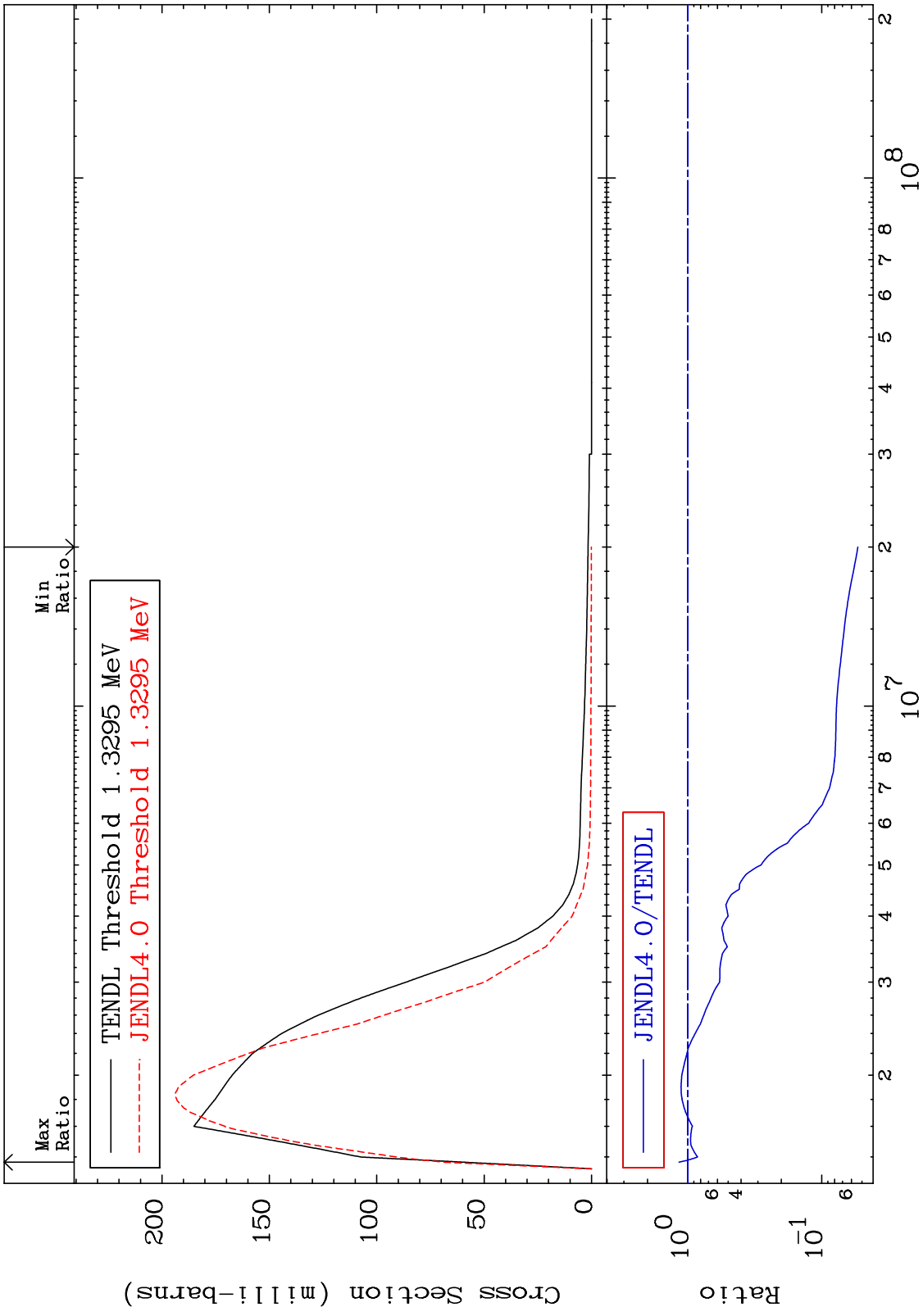
MAT 7425 MT= 59 (n,n') Level Cross Section 74-W -180
 -44.10 To 9999. %



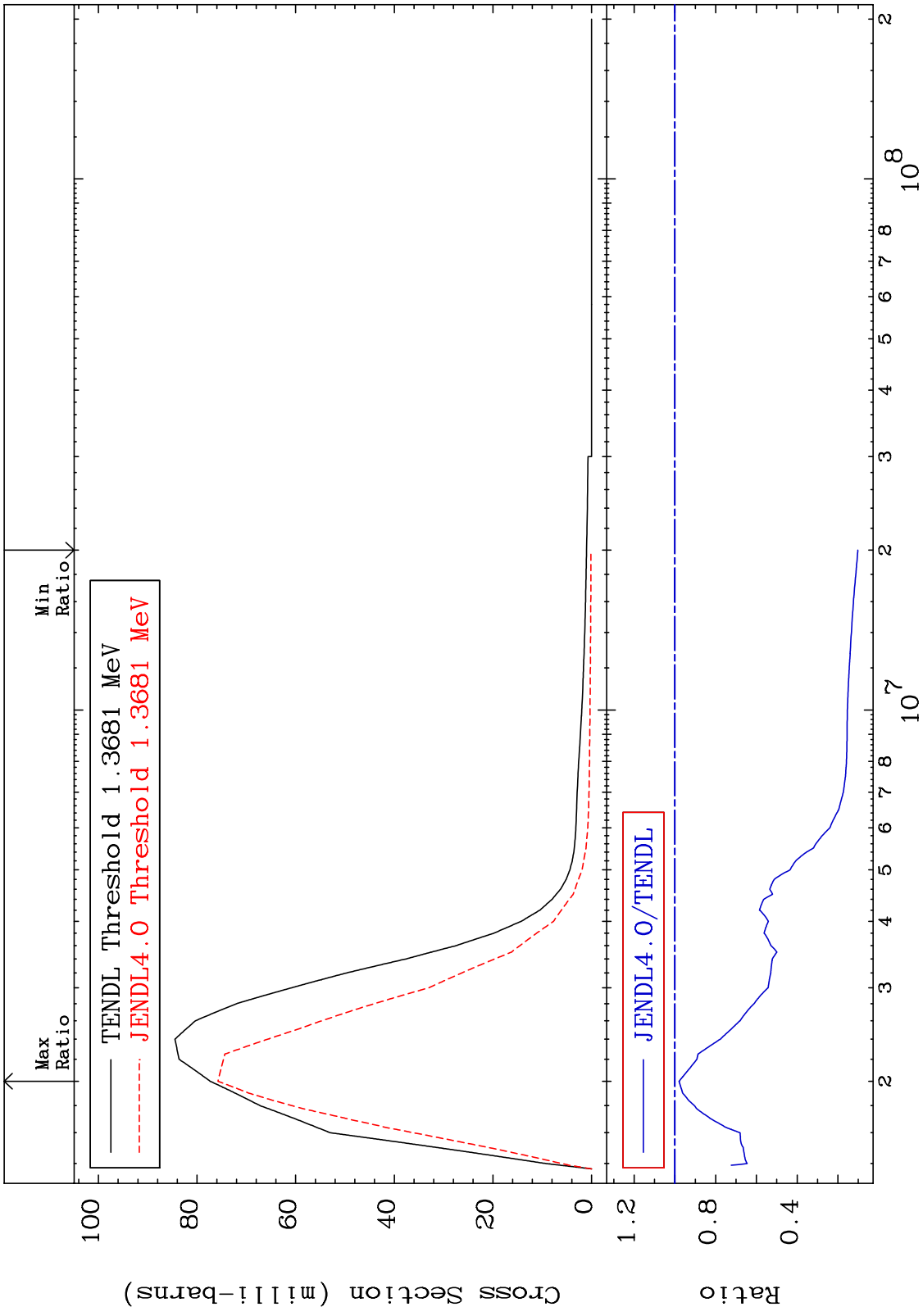
MAT 7425 MT= 60 (n,n') Level Cross Section 74-W -180
 -84.80 To -3.650%



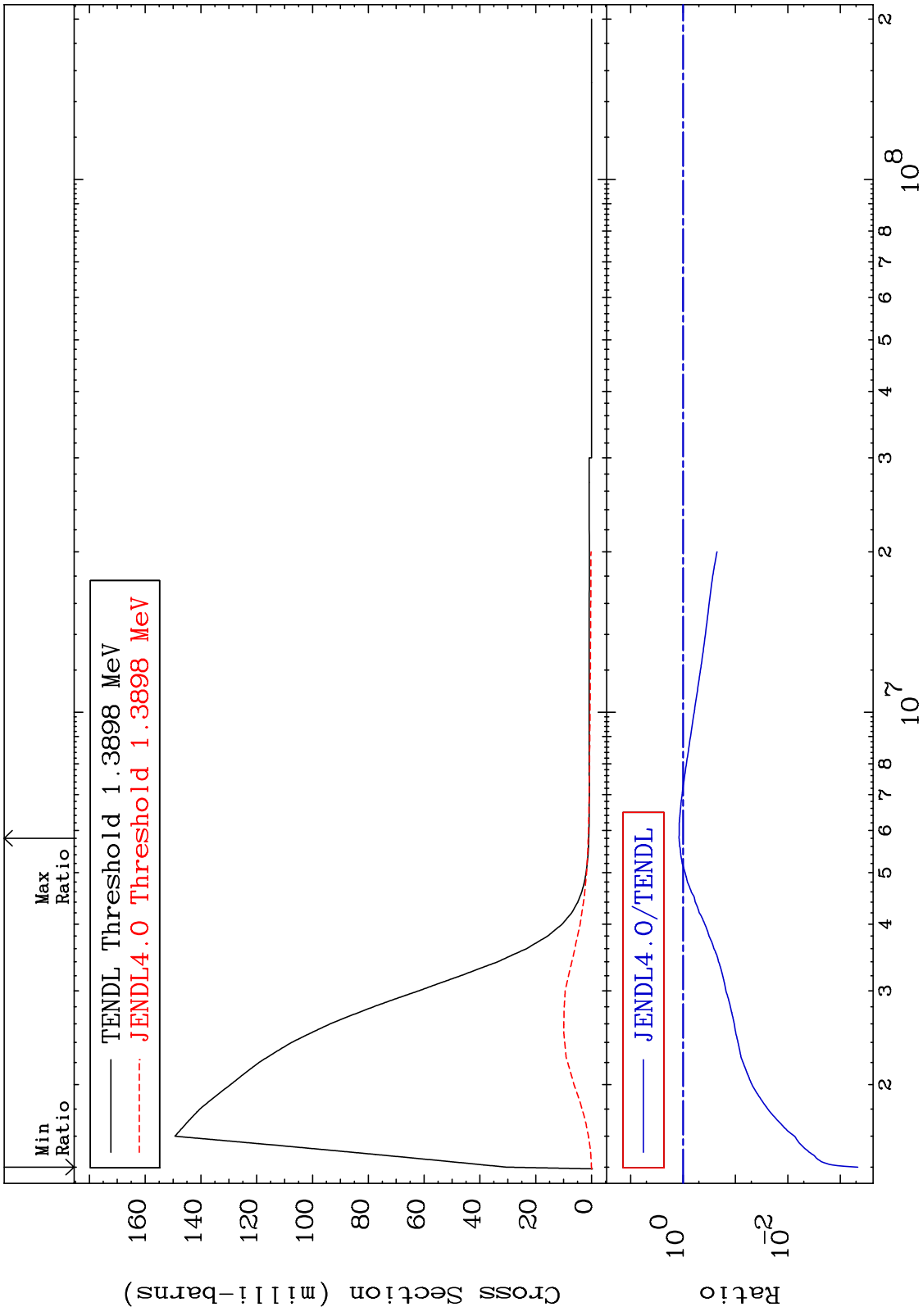
MAT 7425 MT= 61 (n,n') Level Cross Section 74-W -180
 -94.63 To 16.12 %



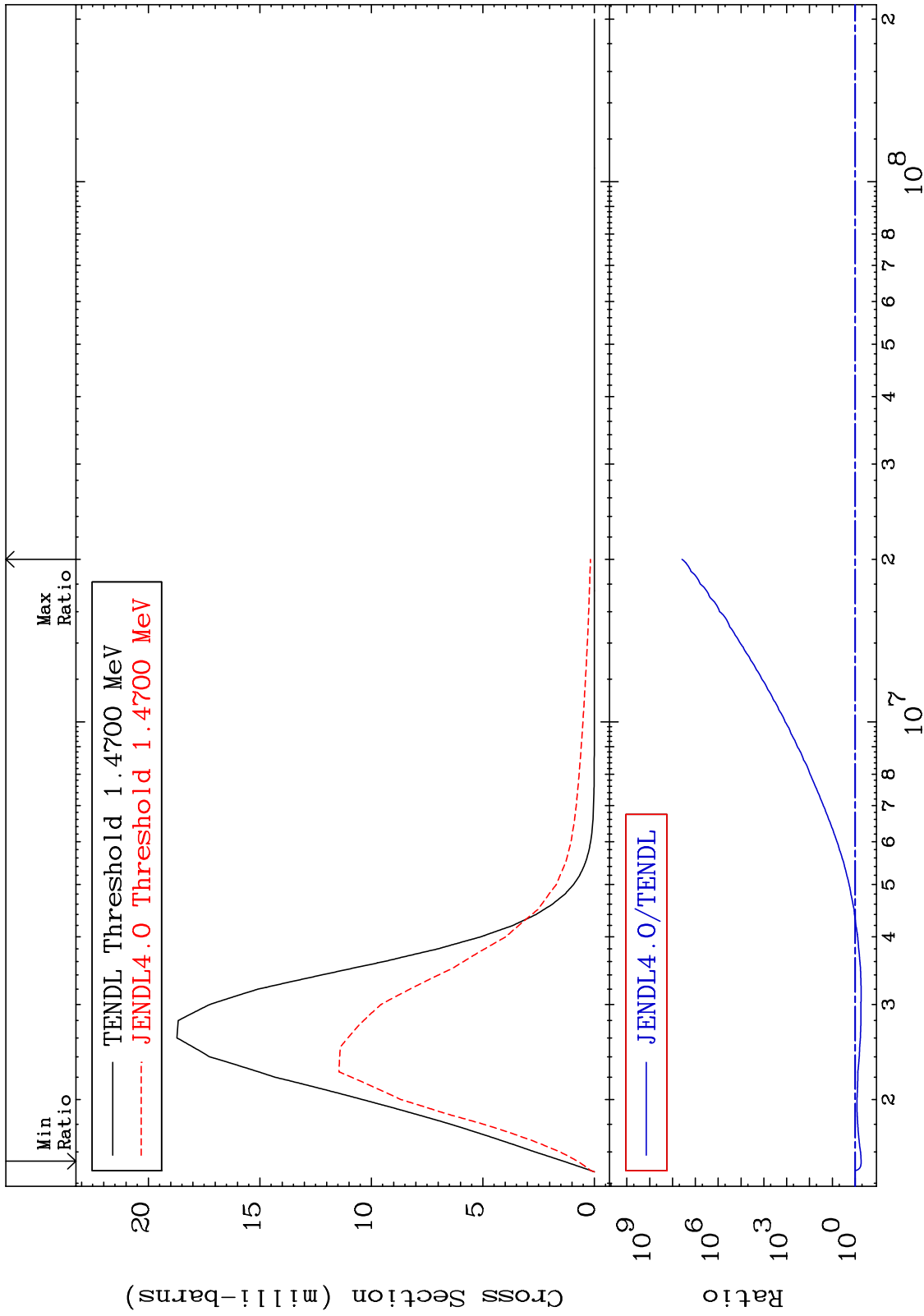
MAT 7425 MT= 62 (n,n') Level Cross Section 74-W -180
 -89.79 To -2.030%



MAT 7425 MT= 63 (n,n') Level Cross Section 74-W -180
 -99.95 To 19.19 %

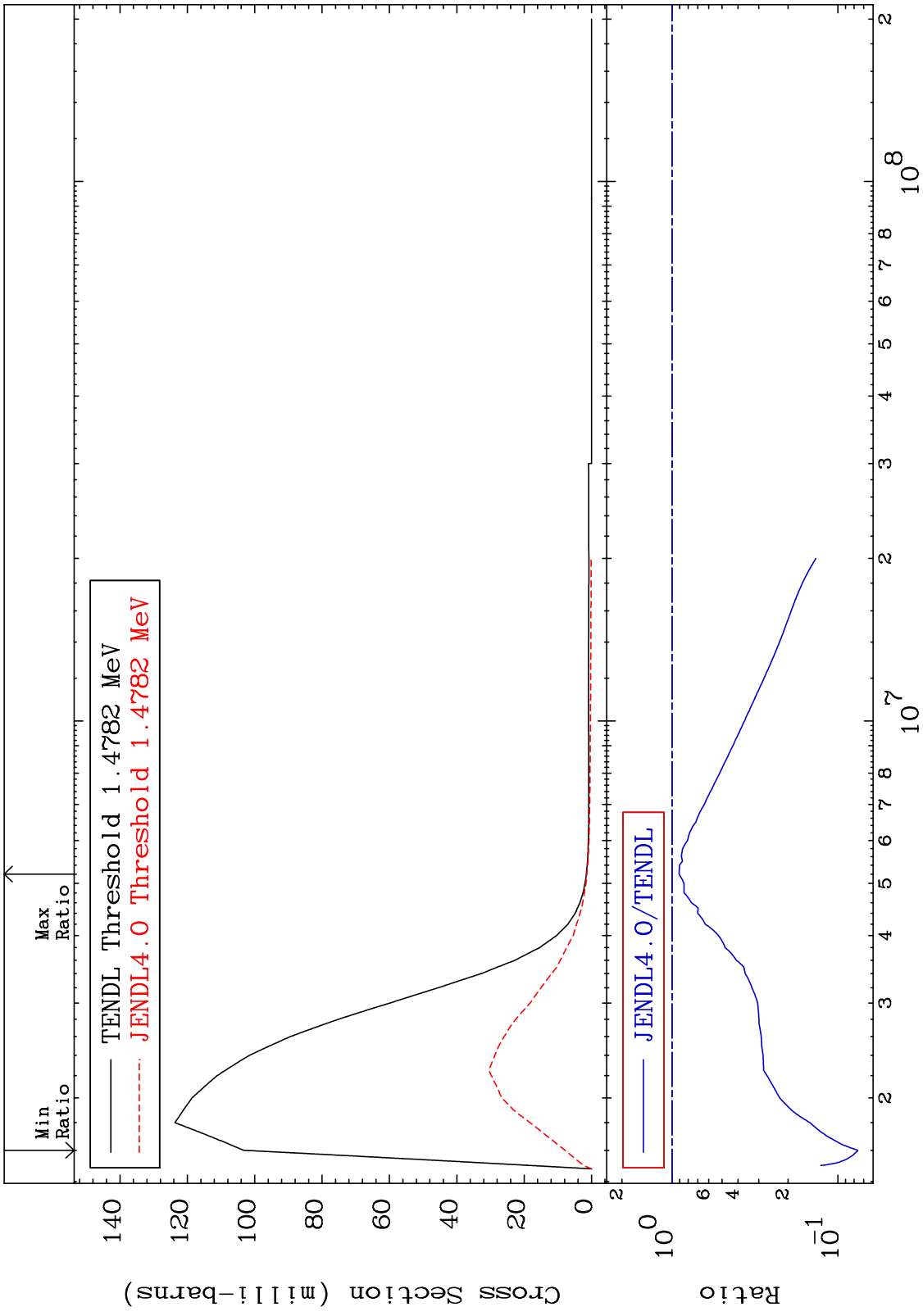


MAT 7425 MT= 64 (n,n') Level Cross Section 74-W -180
 -45.46 To 9999. %

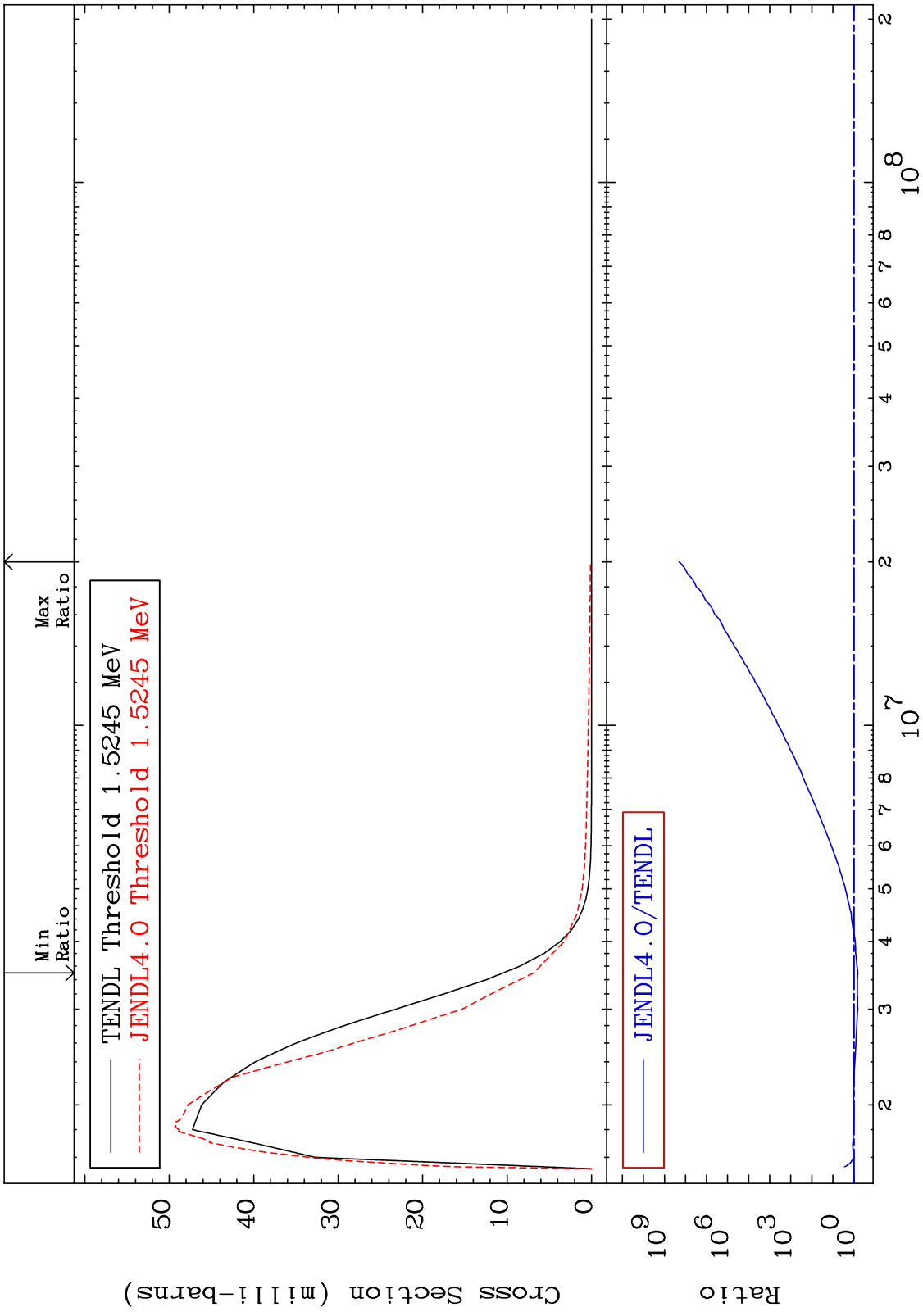


25 74-W -180

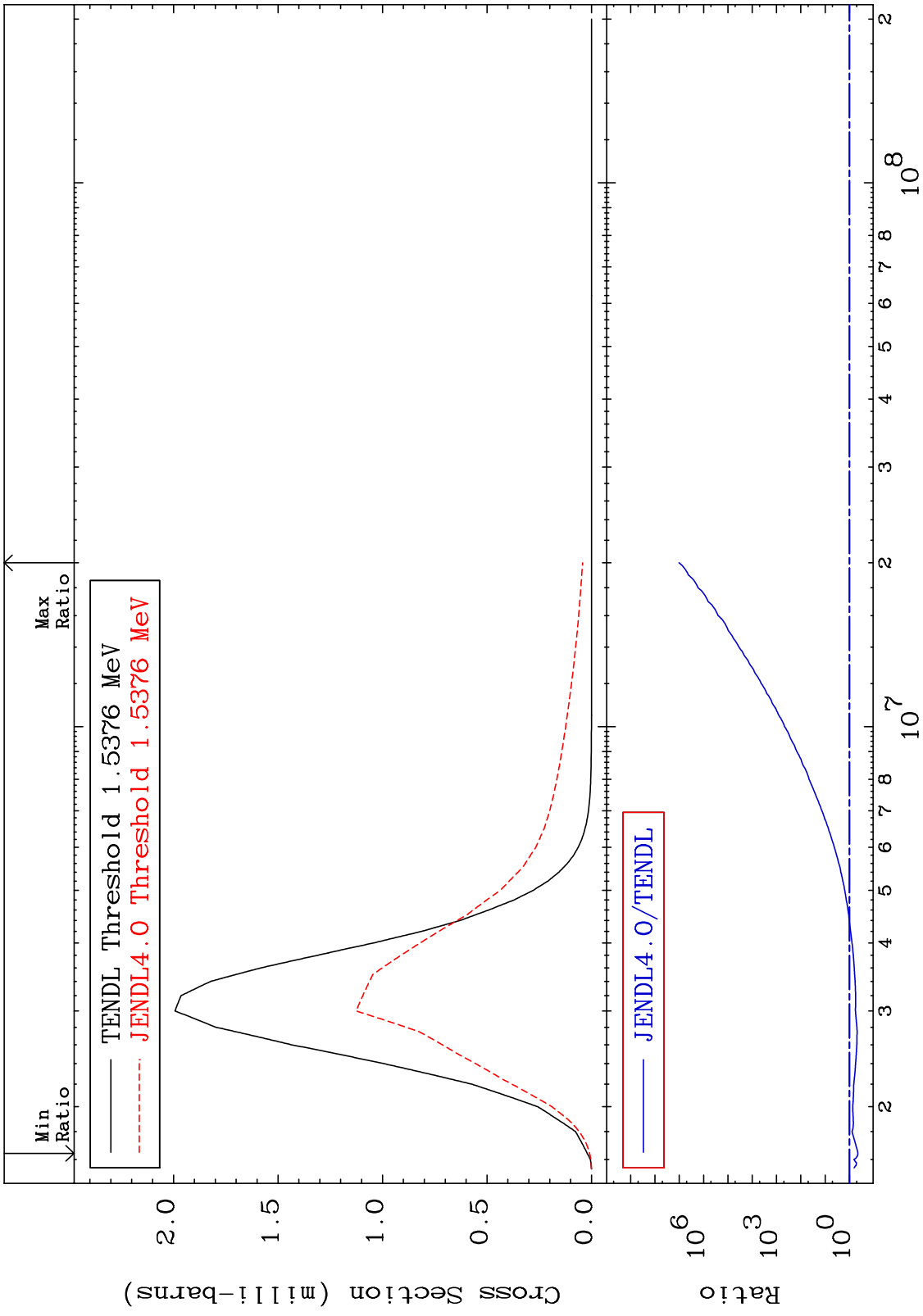
MAT 7425 MT= 65 (n,n') Level Cross Section 74-W -180
 -92.41 To -9.342%



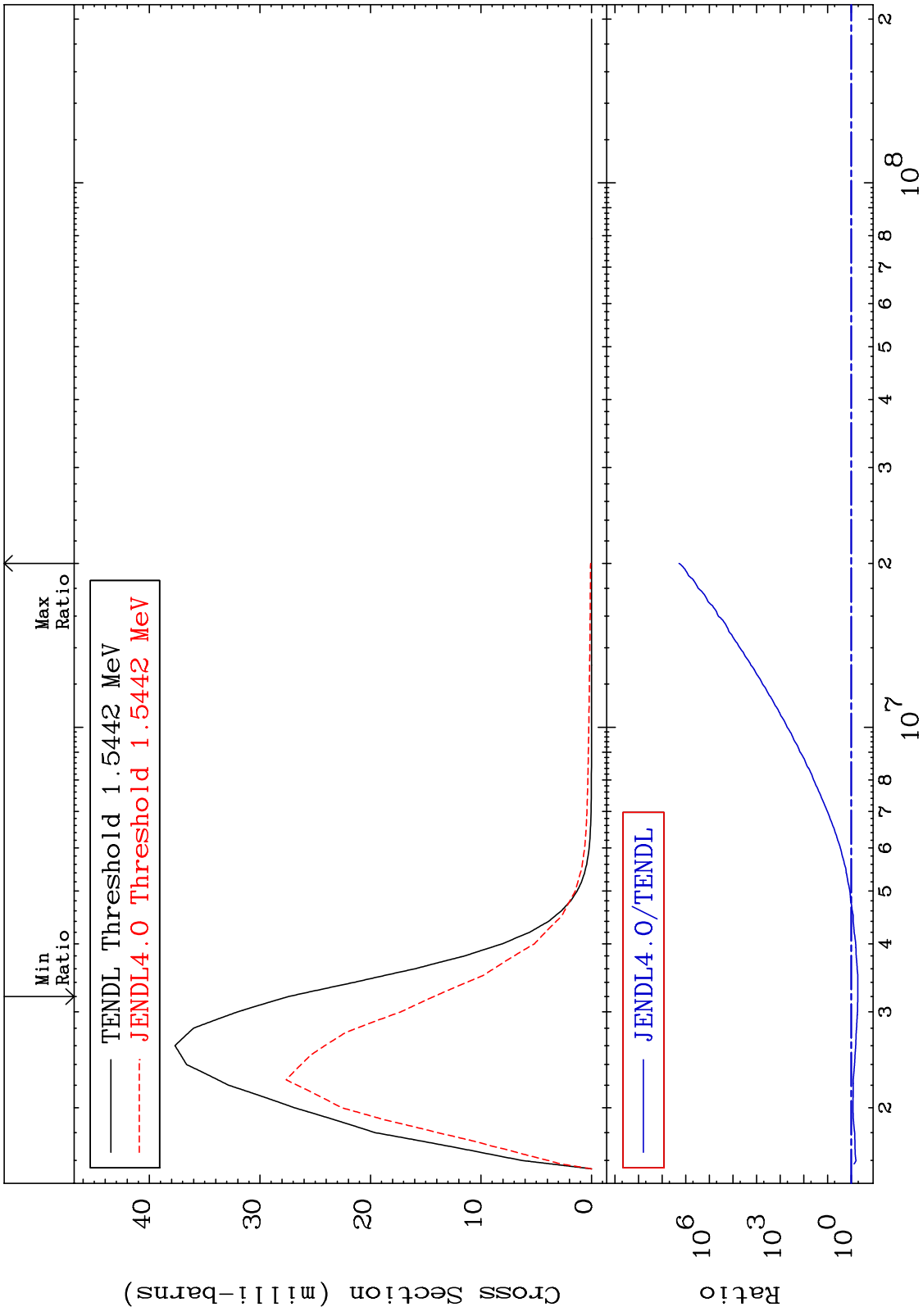
MAT 7425 MT= 66 (n,n') Level Cross Section 74-W -180
 -34.86 To 9999. %



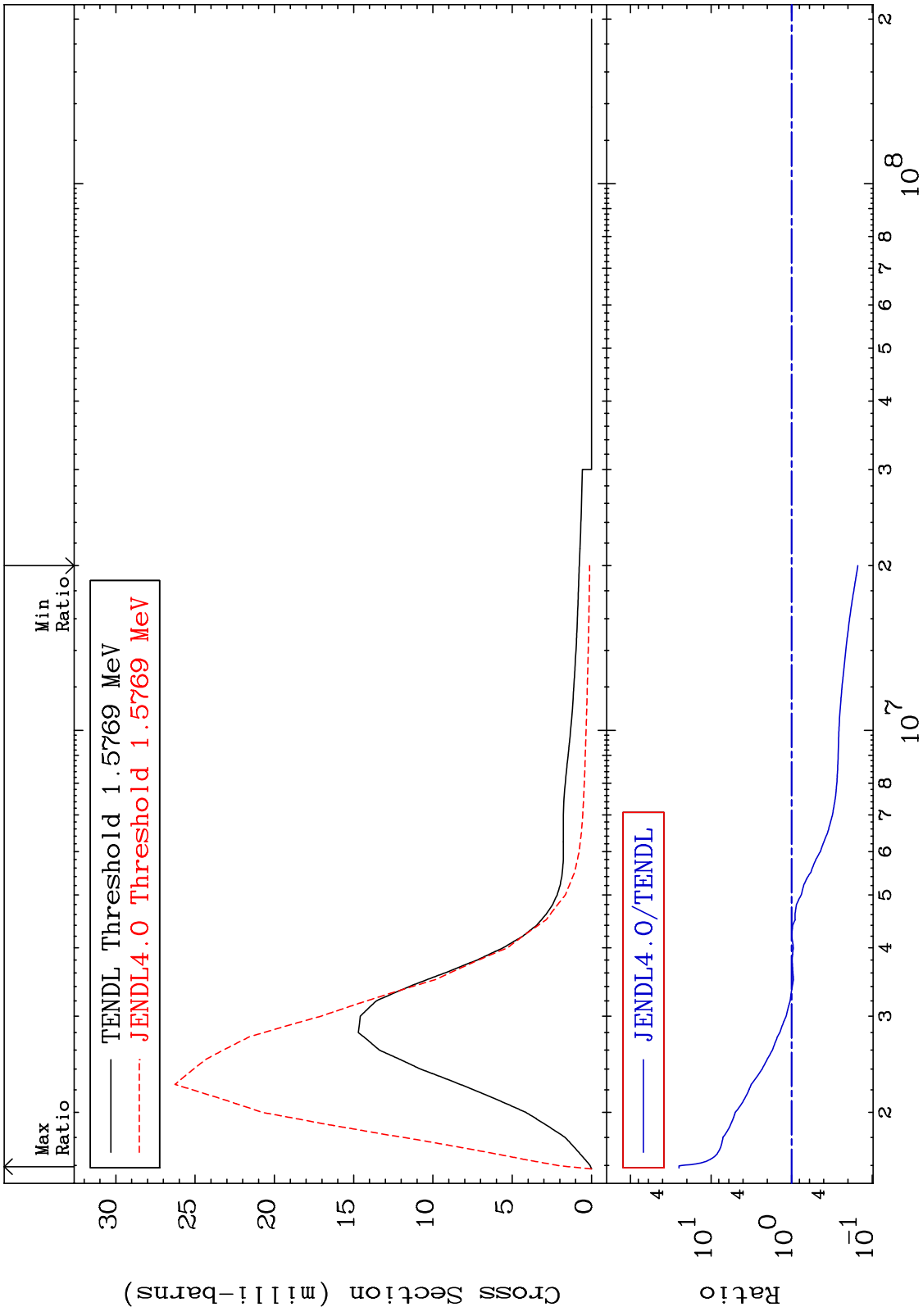
MAT 7425 MT= 67 (n,n') Level Cross Section 74-W -180
 -54.87 To 9999. %



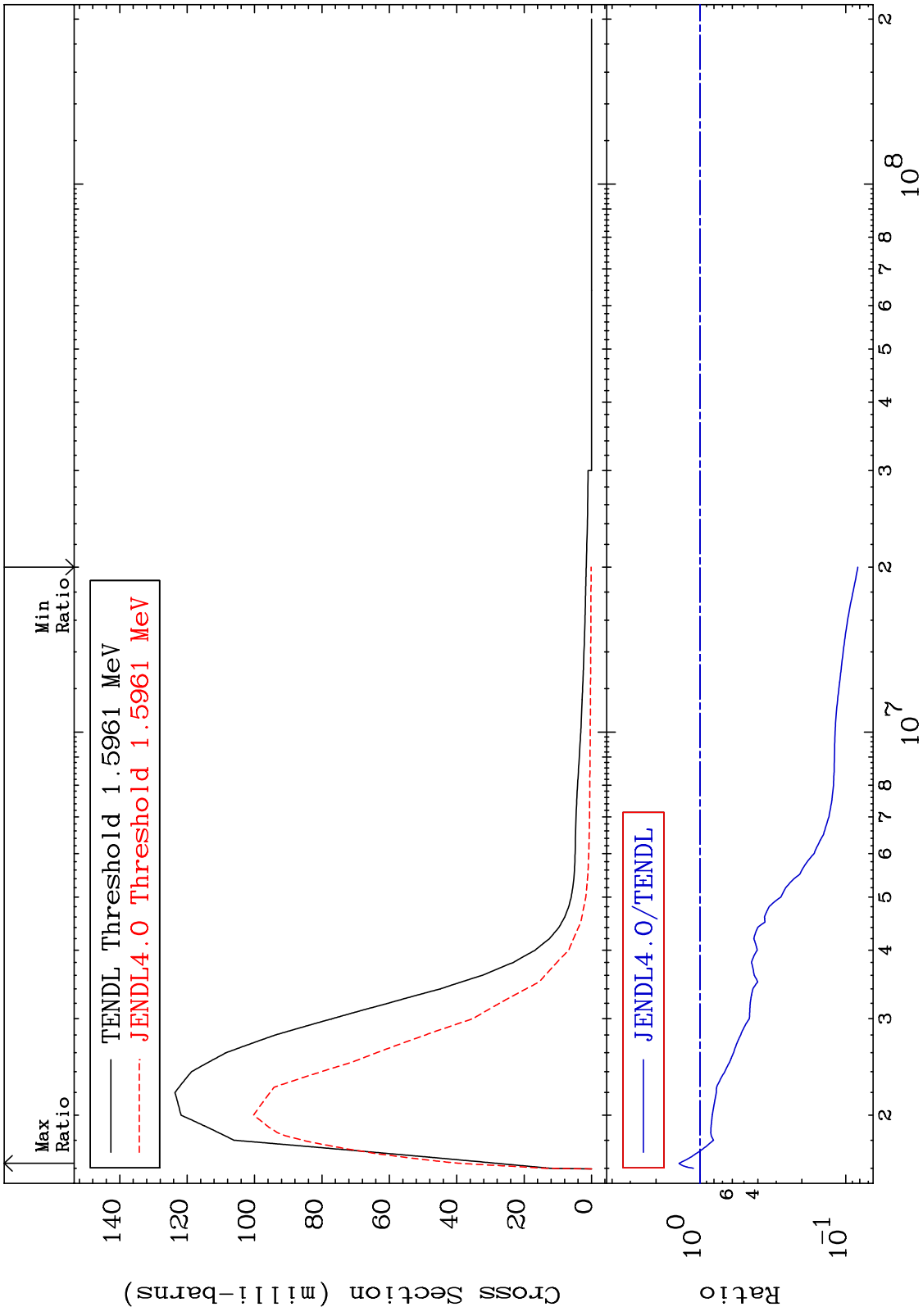
MAT 7425 MT= 68 (n,n') Level Cross Section 74-W -180
 -47.99 To 9999. %



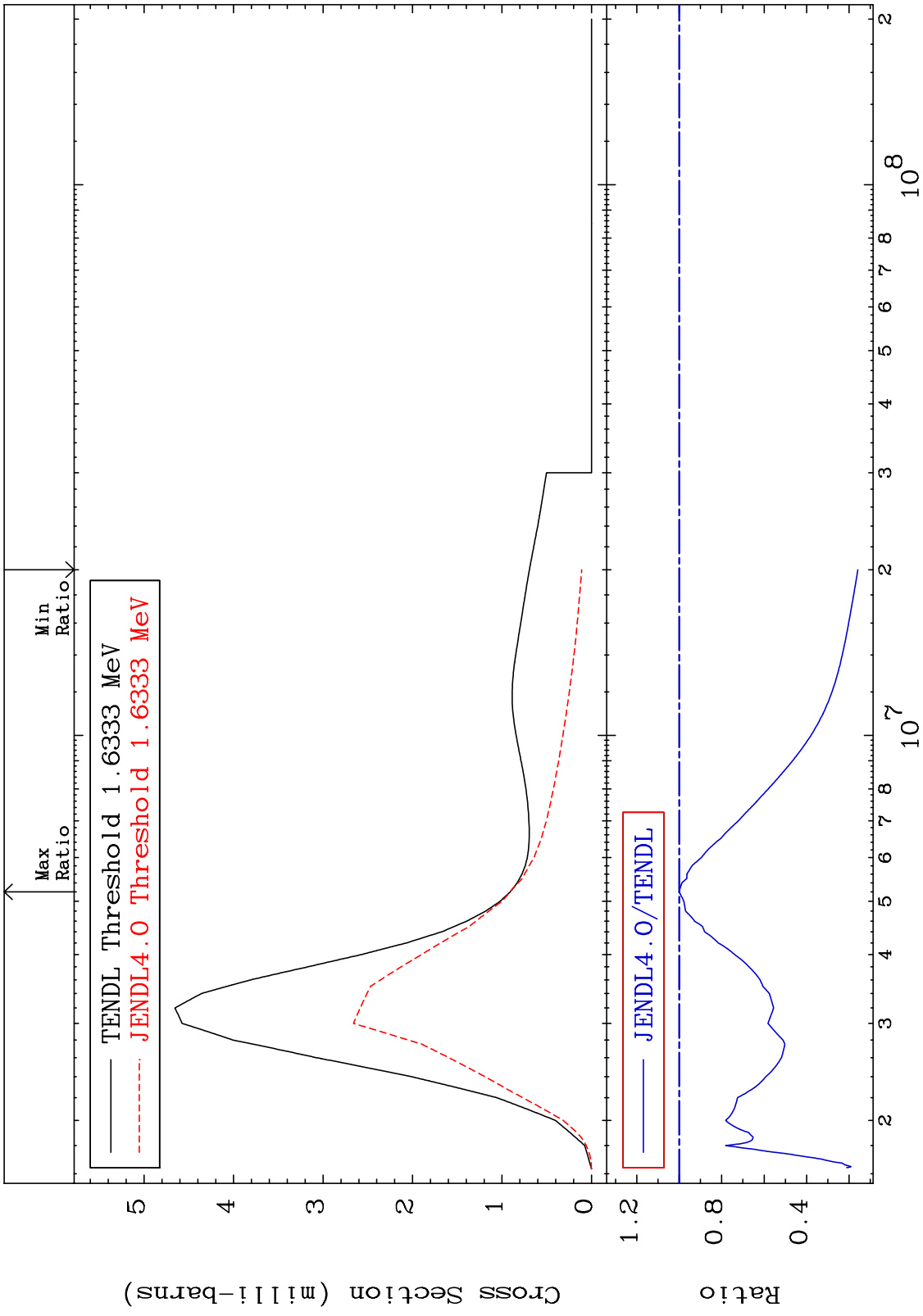
MAT 7425 MT= 69 (n,n') Level Cross Section 74-W -180 -84.90 To 2393. %



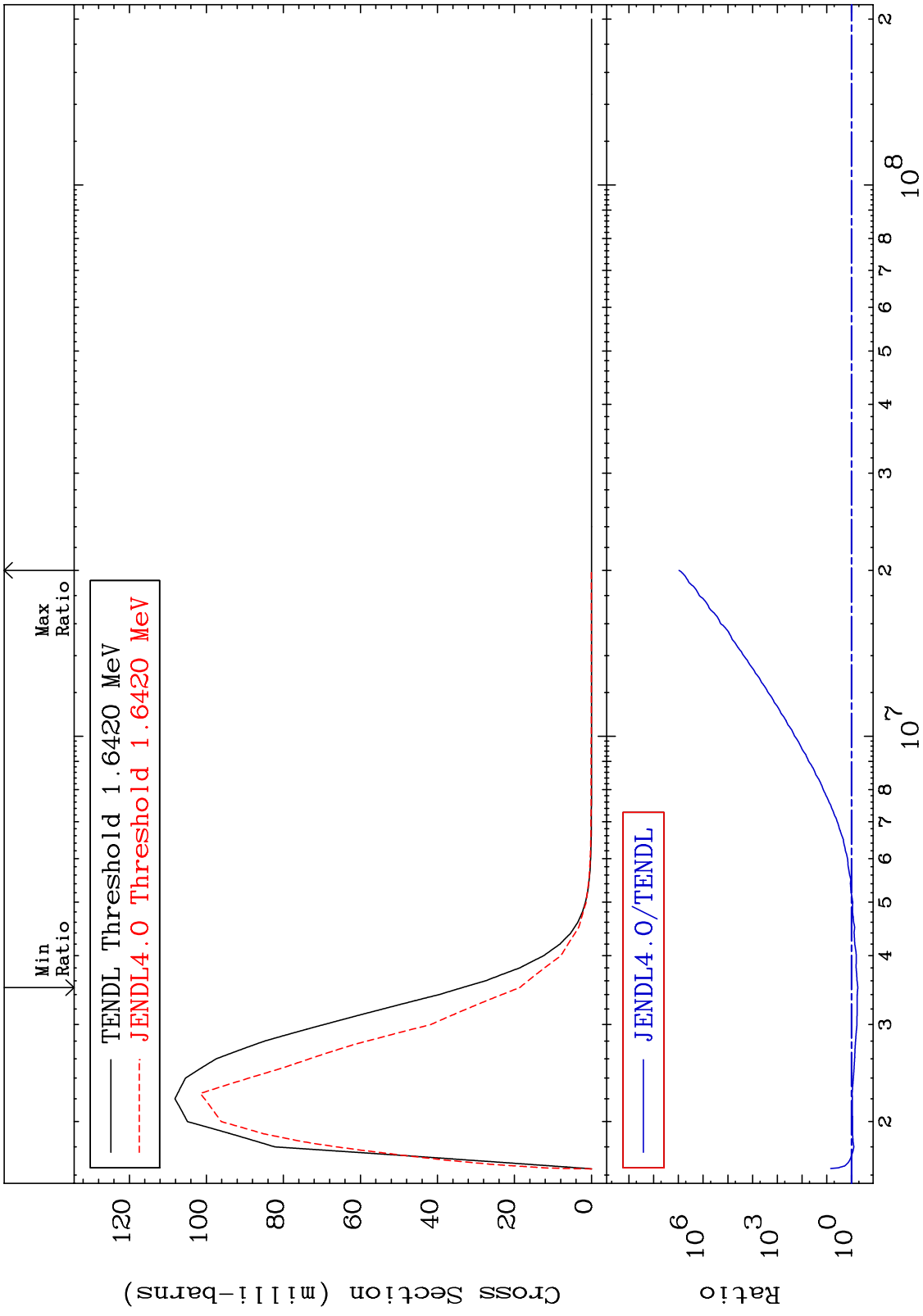
MAT 7425 MT= 70 (n,n') Level Cross Section 74-W -180 -91.74 To 39.02 %



MAT 7425 MT= 71 (n,n') Level Cross Section 74-W -180
 -84.15 To 0.089 %

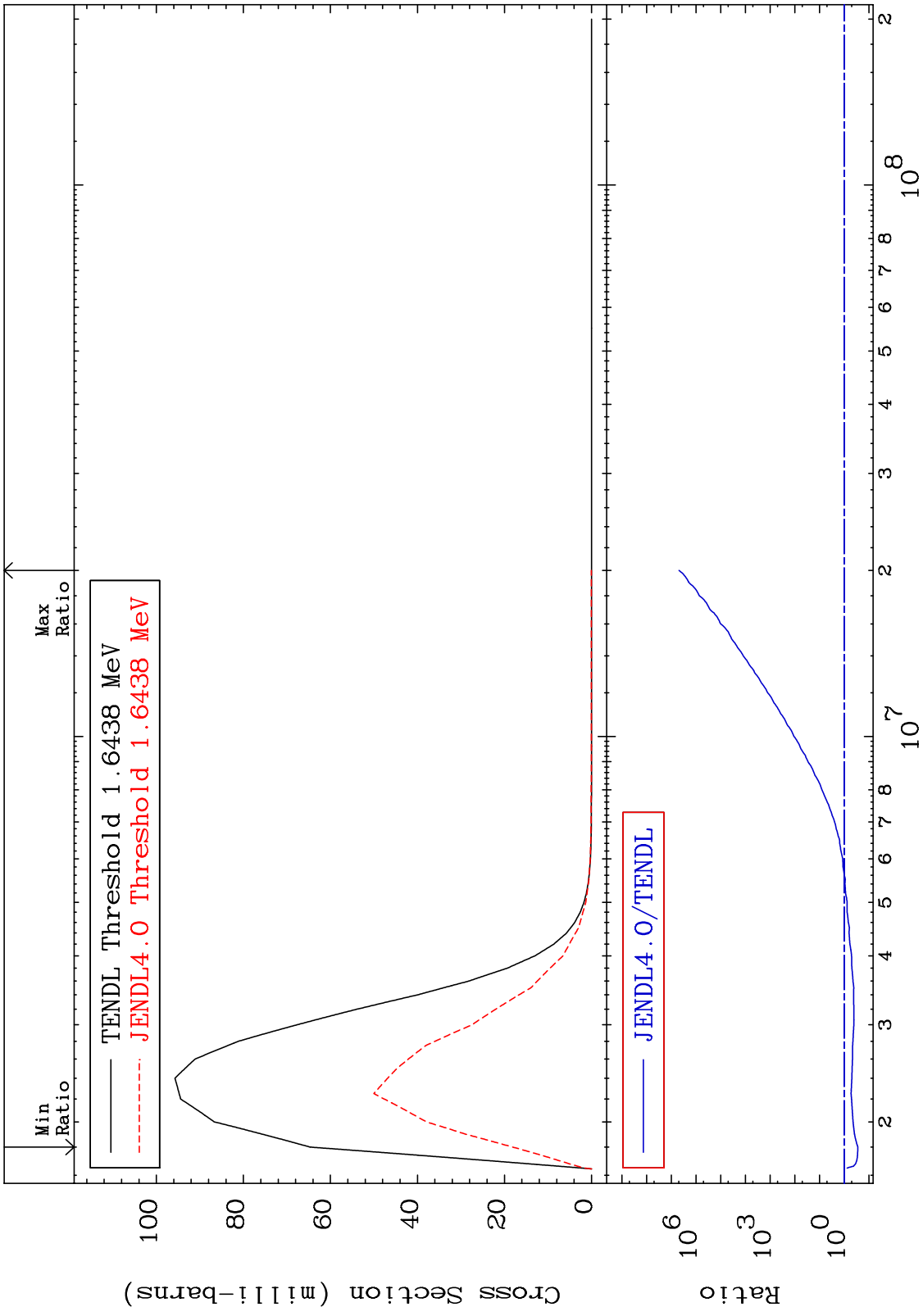


MAT 7425 MT= 72 (n,n') Level Cross Section 74-W -180
 -44.39 To 9999. %

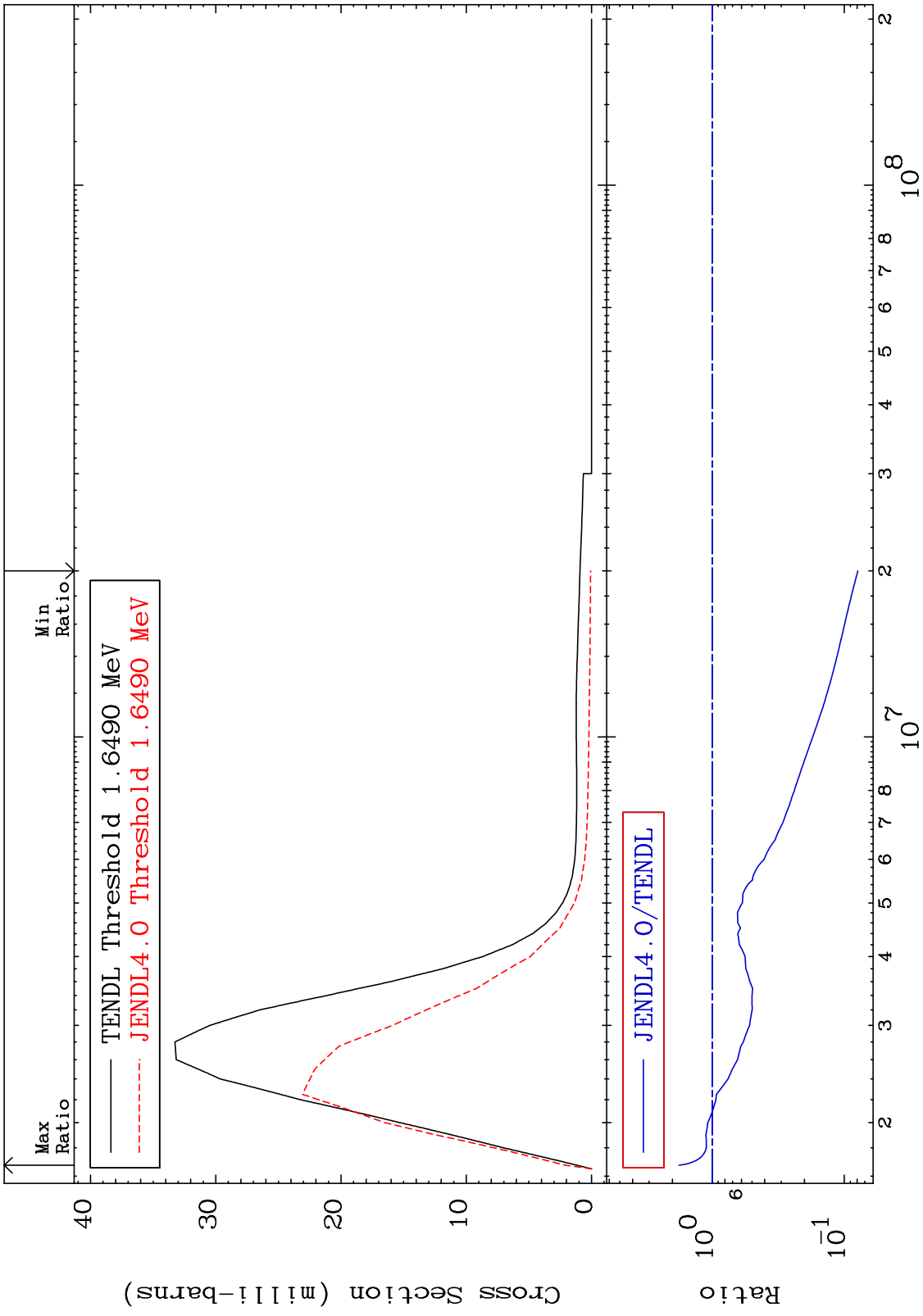


33 74-W -180

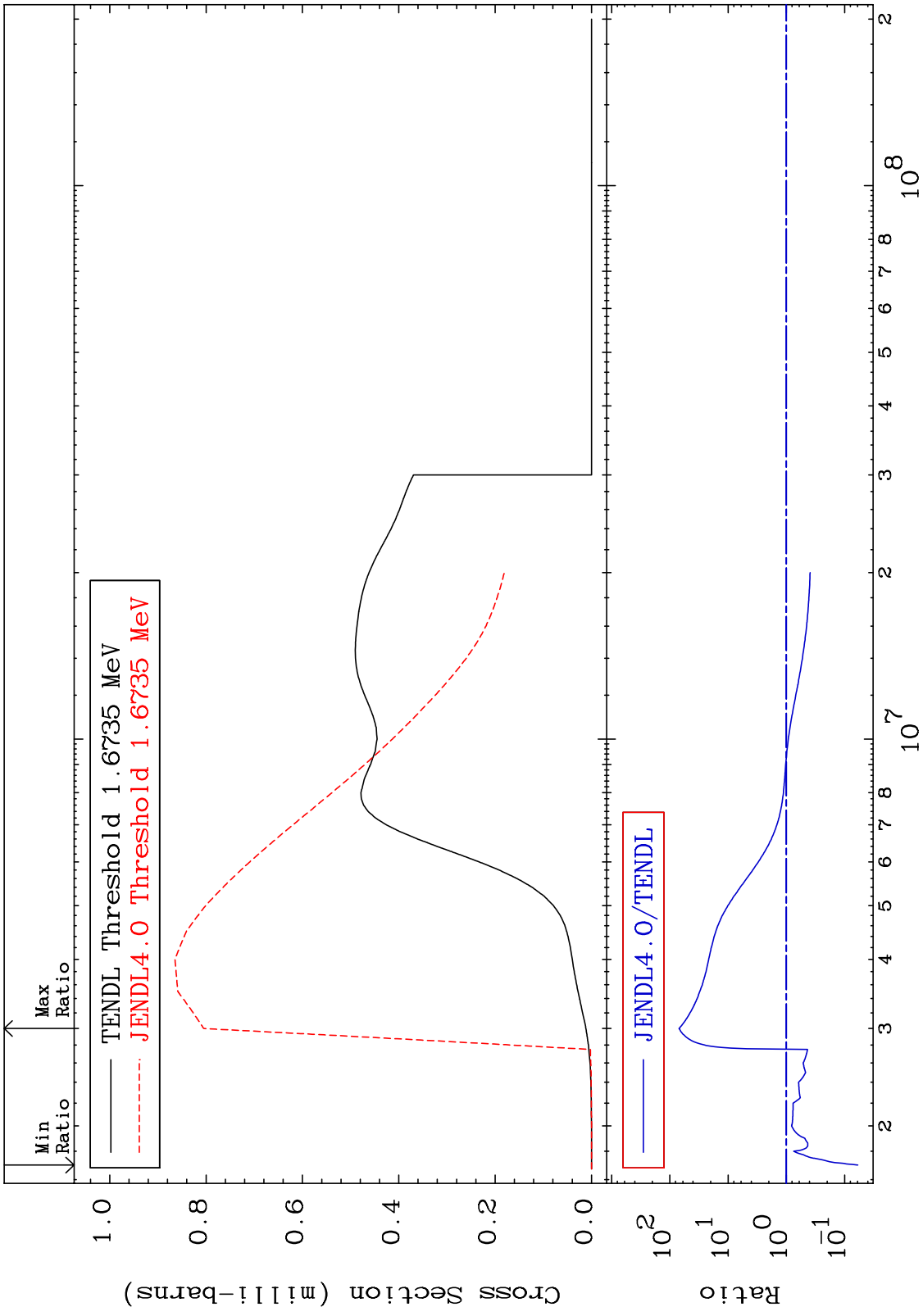
MAT 7425 MT= 73 (n,n') Level Cross Section 74-W -180
 -71.94 To 9999. %



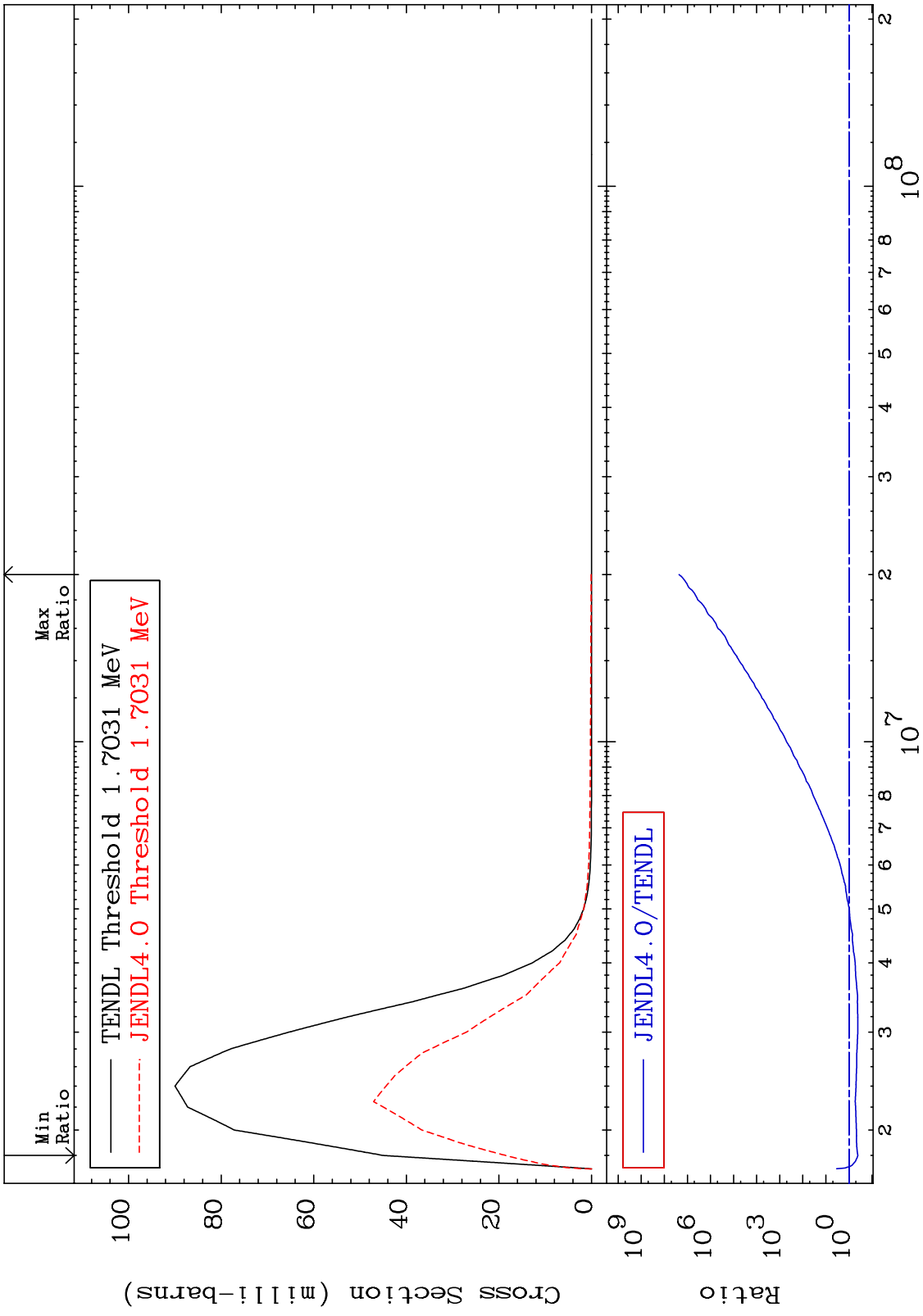
MAT 7425 MT= 74 (n,n') Level Cross Section 74-W -180 -92.10 To 78.05 %



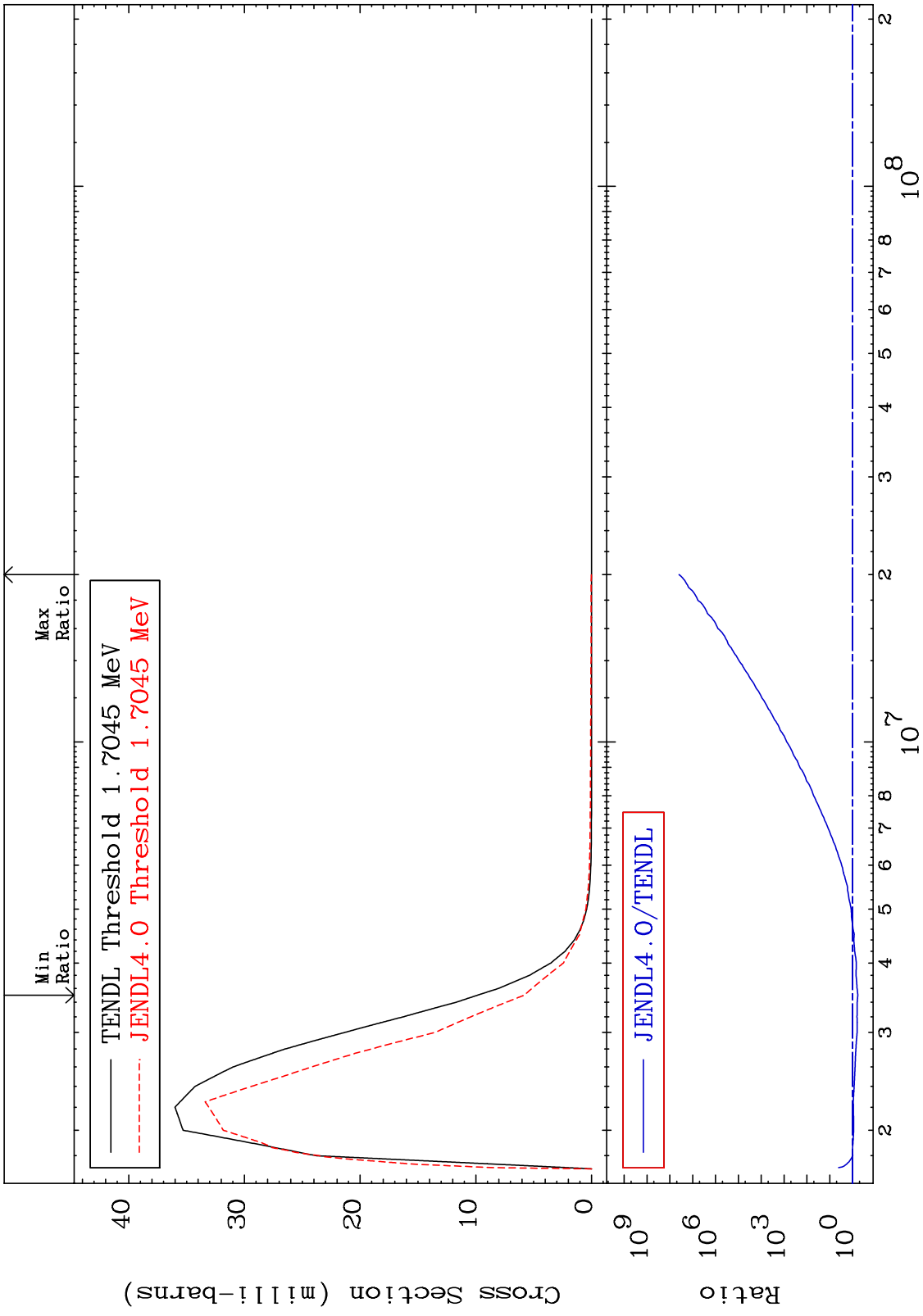
MAT 7425 MT= 75 (n,n') Level Cross Section 74-W -180
 -94.07 To 6862. %



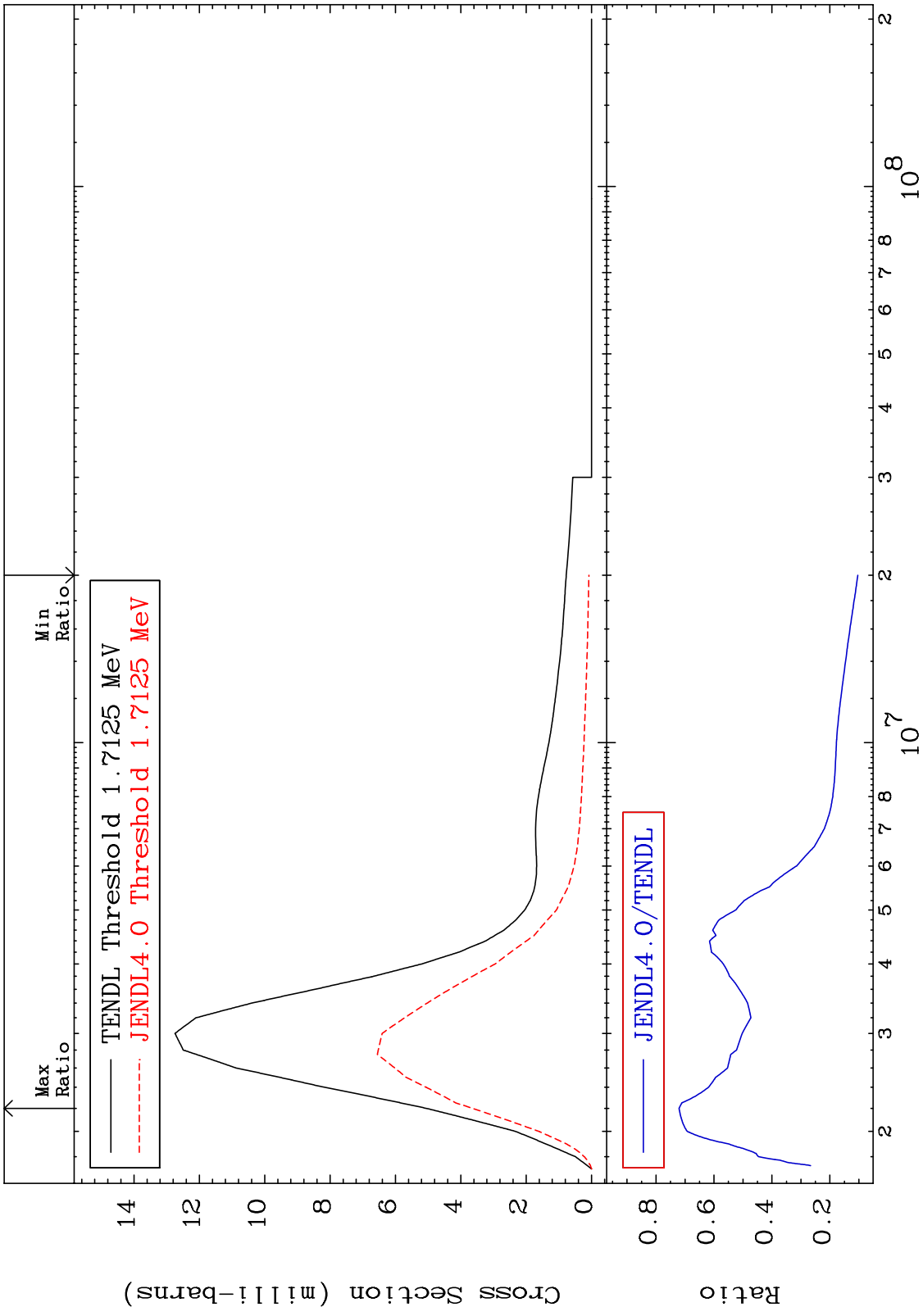
MAT 7425 MT= 76 (n,n') Level Cross Section 74-W -180
 -58.76 To 9999. %



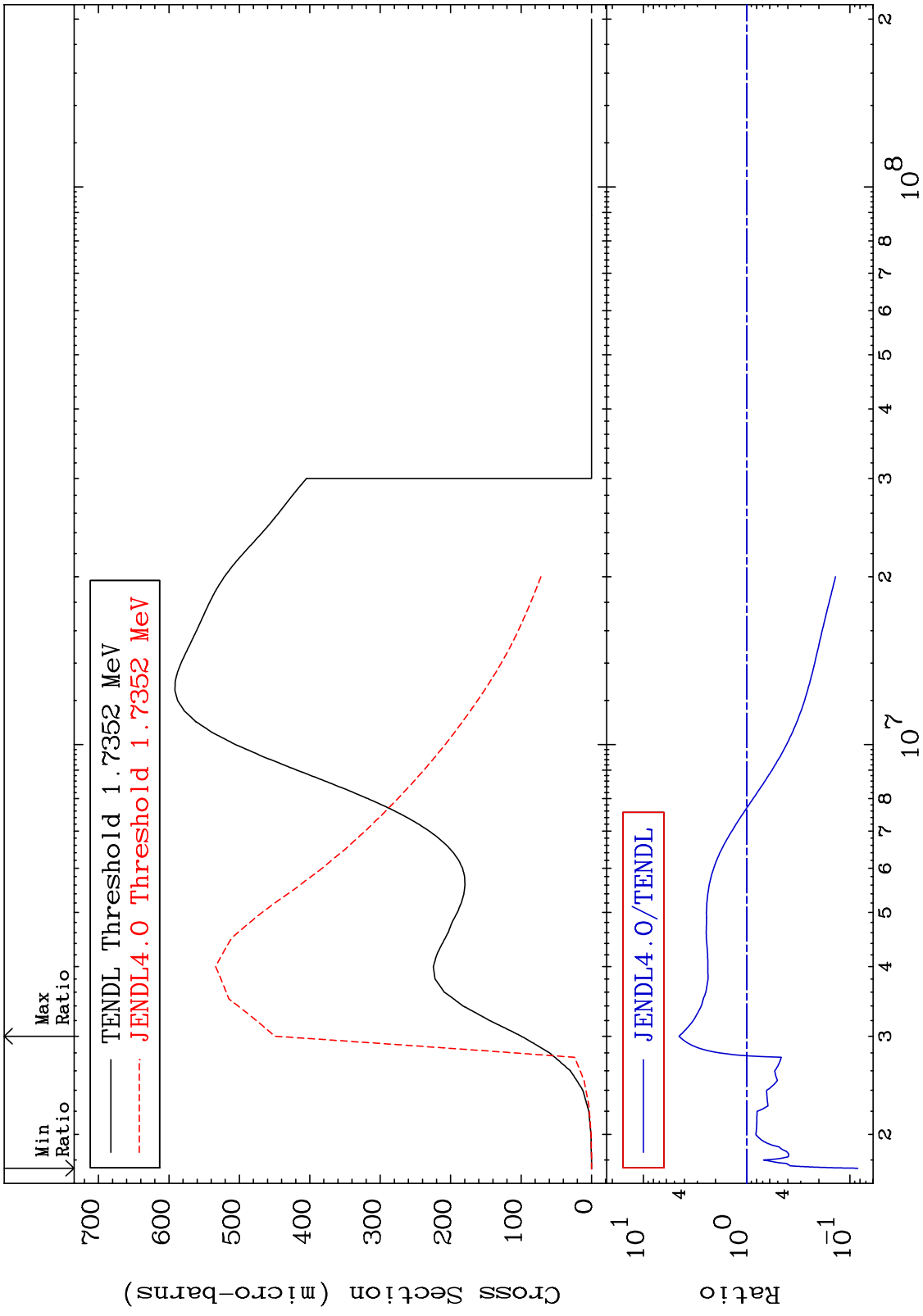
MAT 7425 MT= 77 (n,n') Level Cross Section 74-W -180
 -40.93 To 9999. %



MAT 7425 MT= 78 (n,n') Level Cross Section 74-W -180
 -89.65 To -27.94%

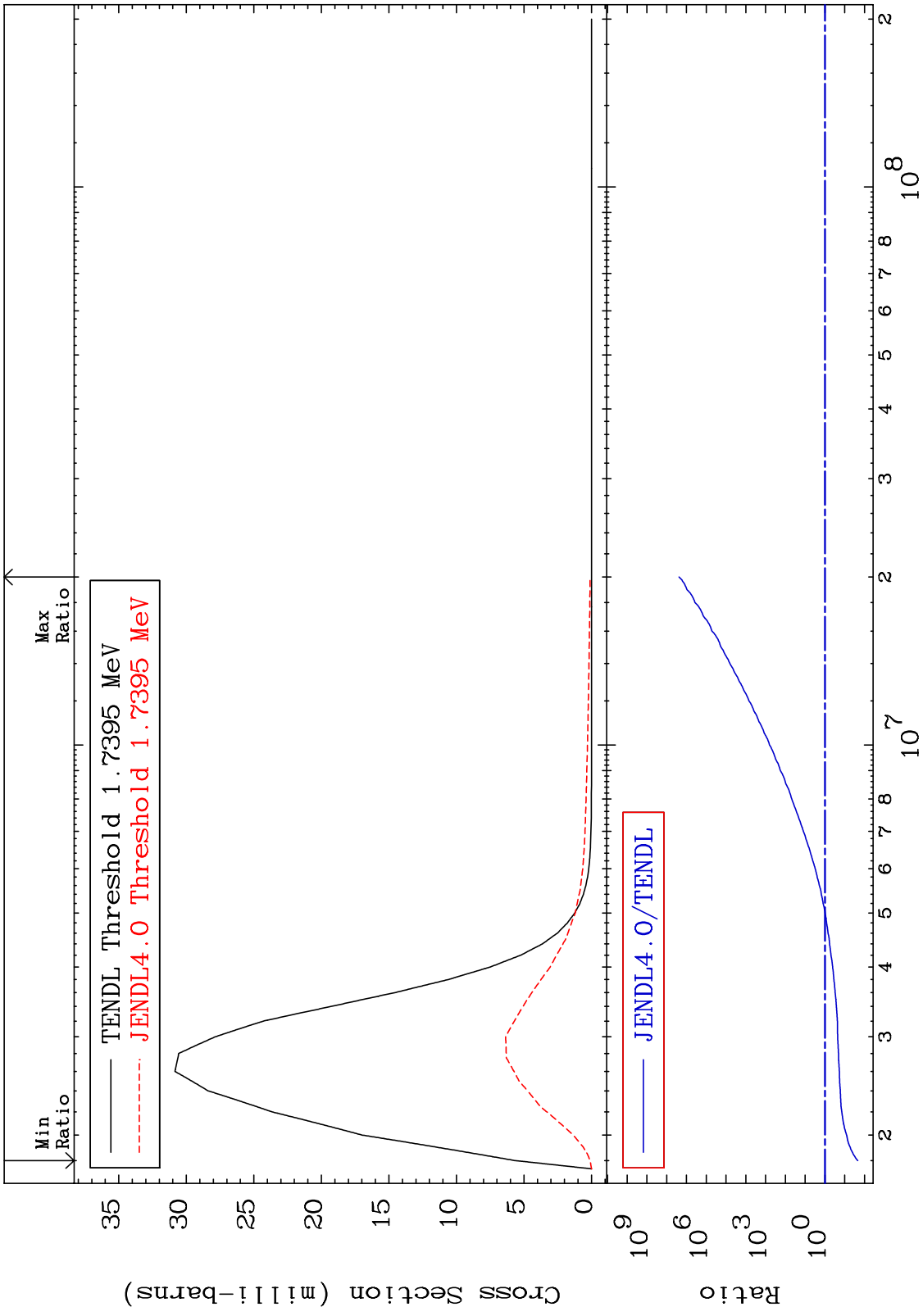


MAT 7425 MT= 79 (n,n') Level Cross Section 74-W -180 -91.61 To 351.6 %

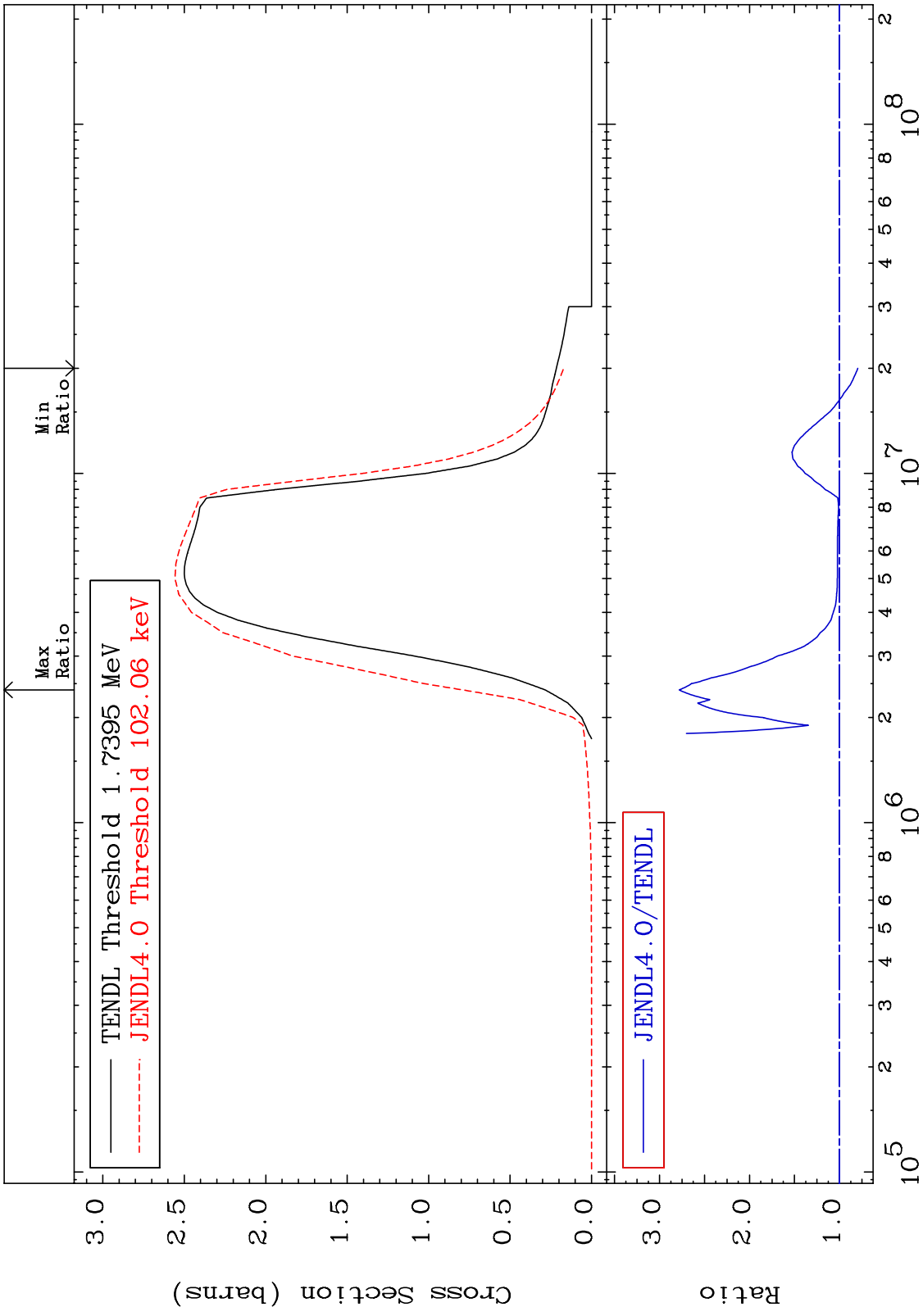


40 74-W -180

MAT 7425 MT= 80 (n,n') Level Cross Section 74-W -180
 -97.83 To 9999. %

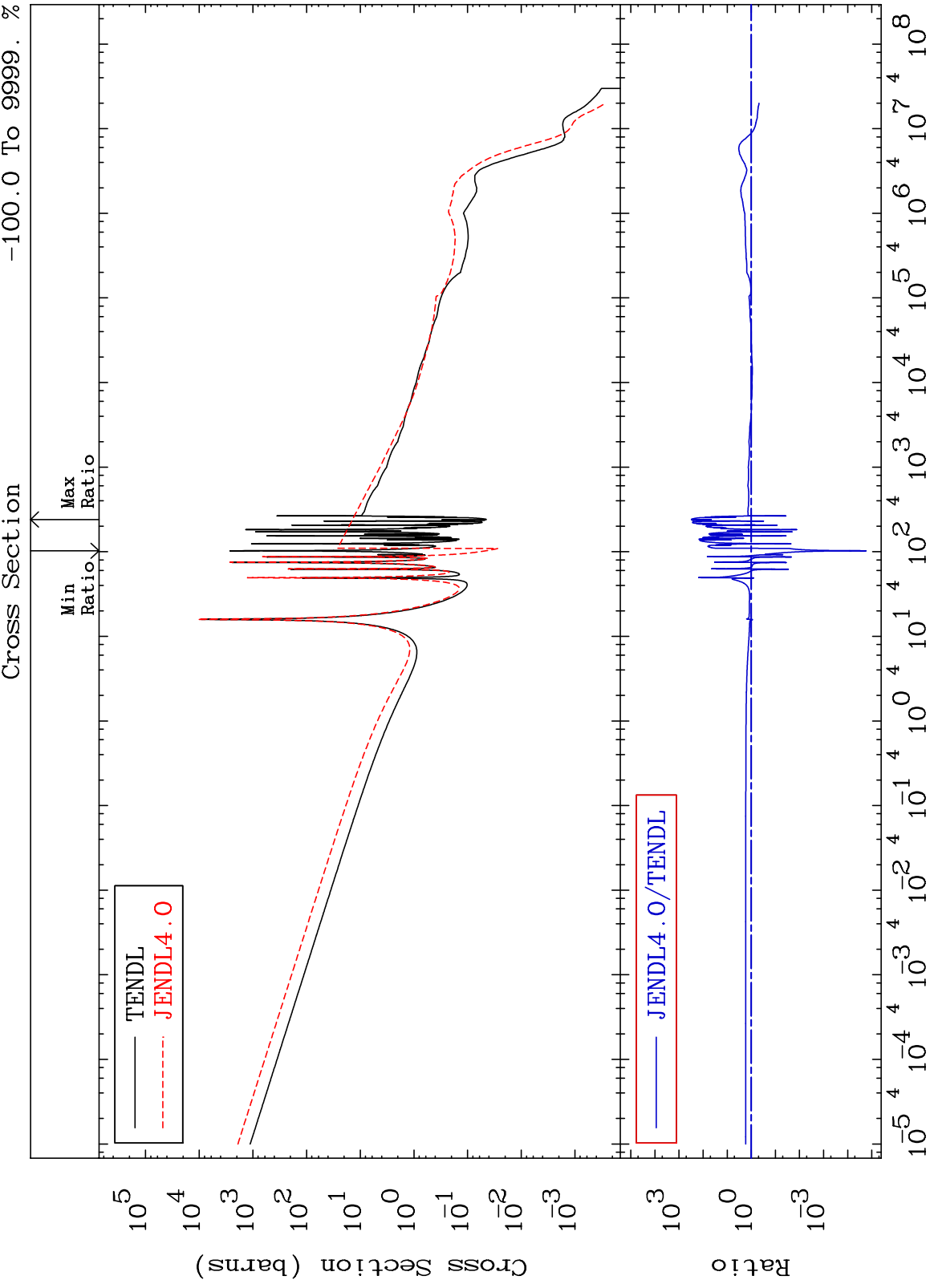


MAT 7425 (n, n') Continuum Cross Section 74-W -180
 -20.38 To 178.3 %



42 74-W -180

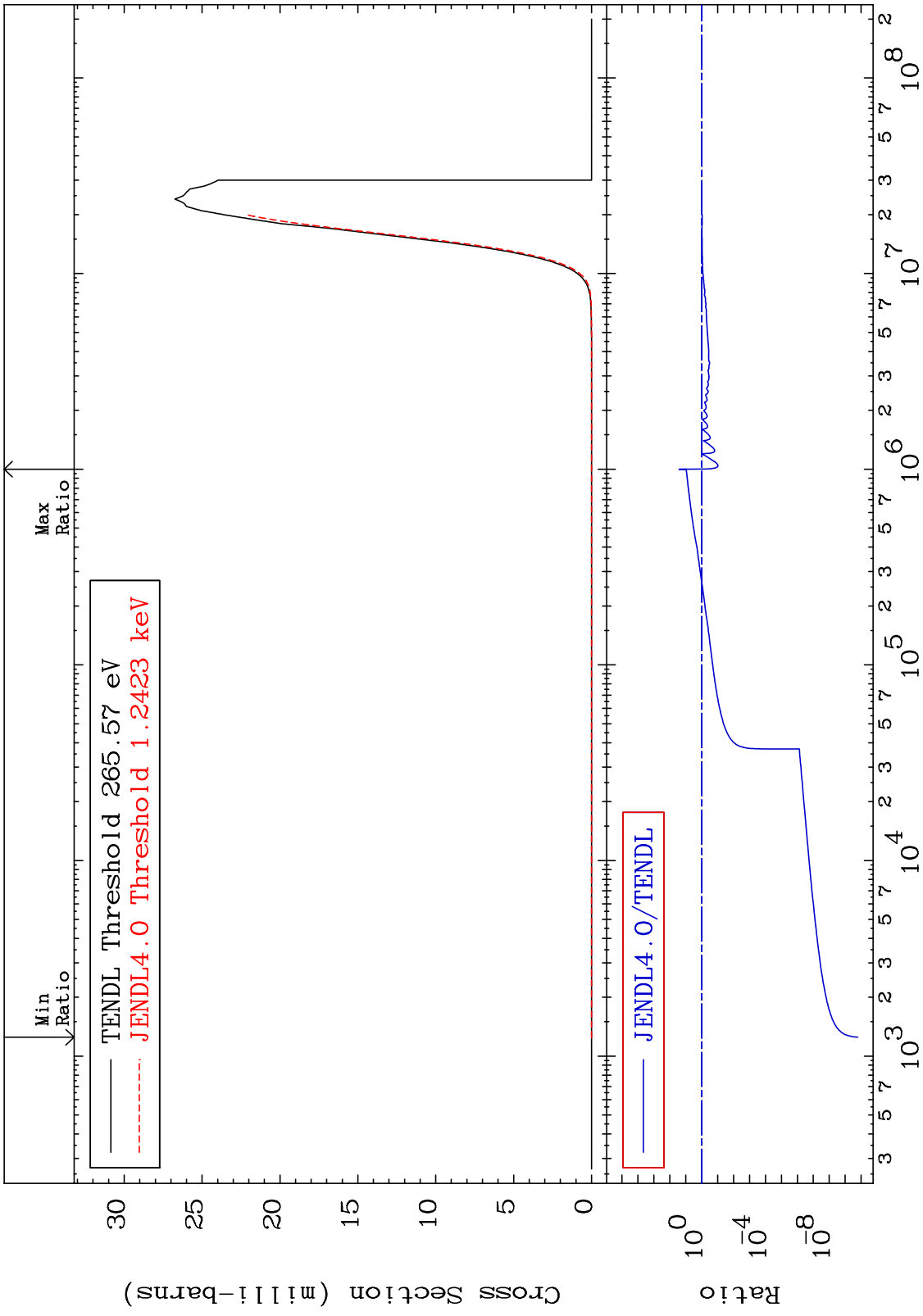
MAT 7425 (n, γ) 74-W -180 -100.0 To 9999. %



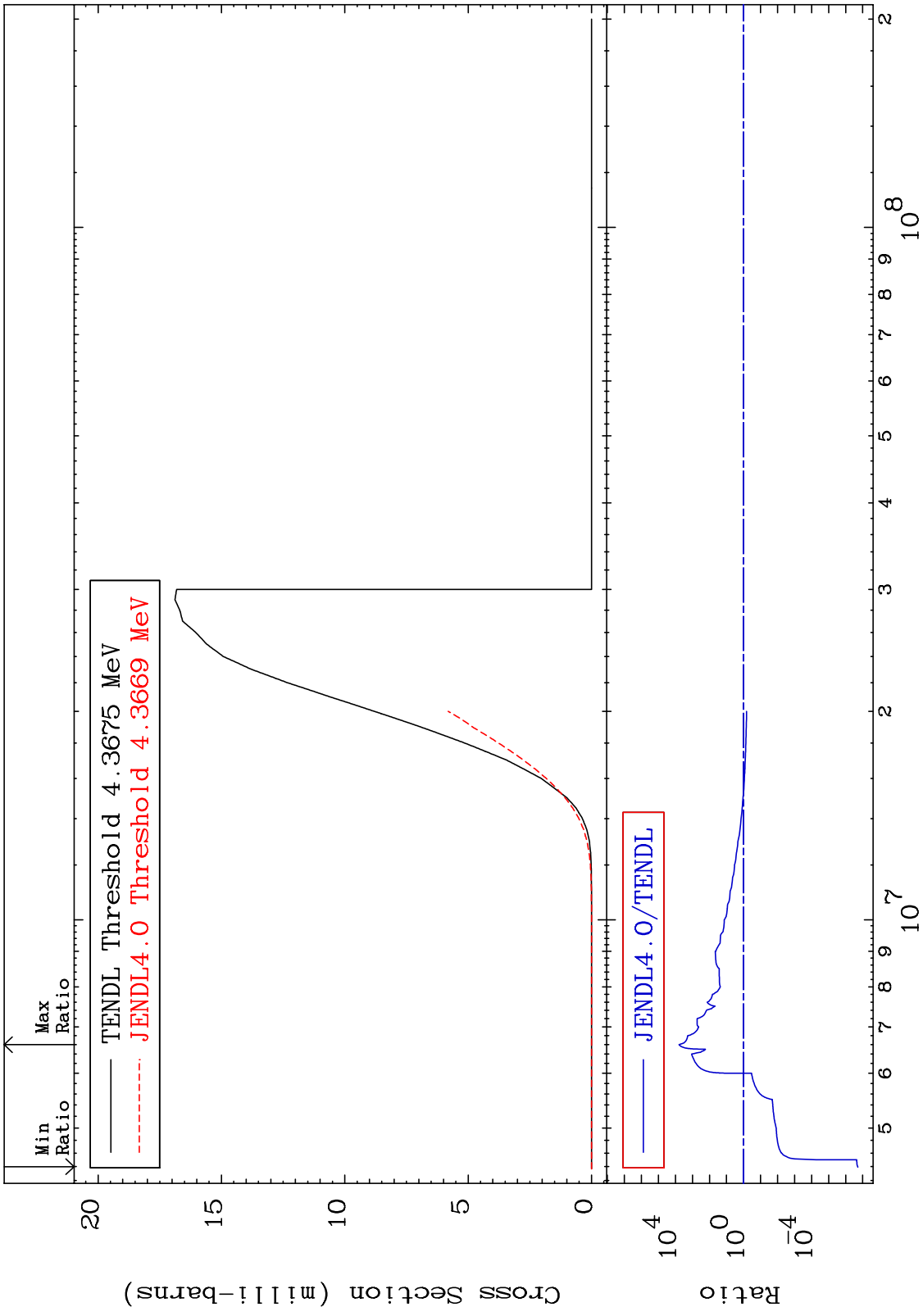
74-W -180

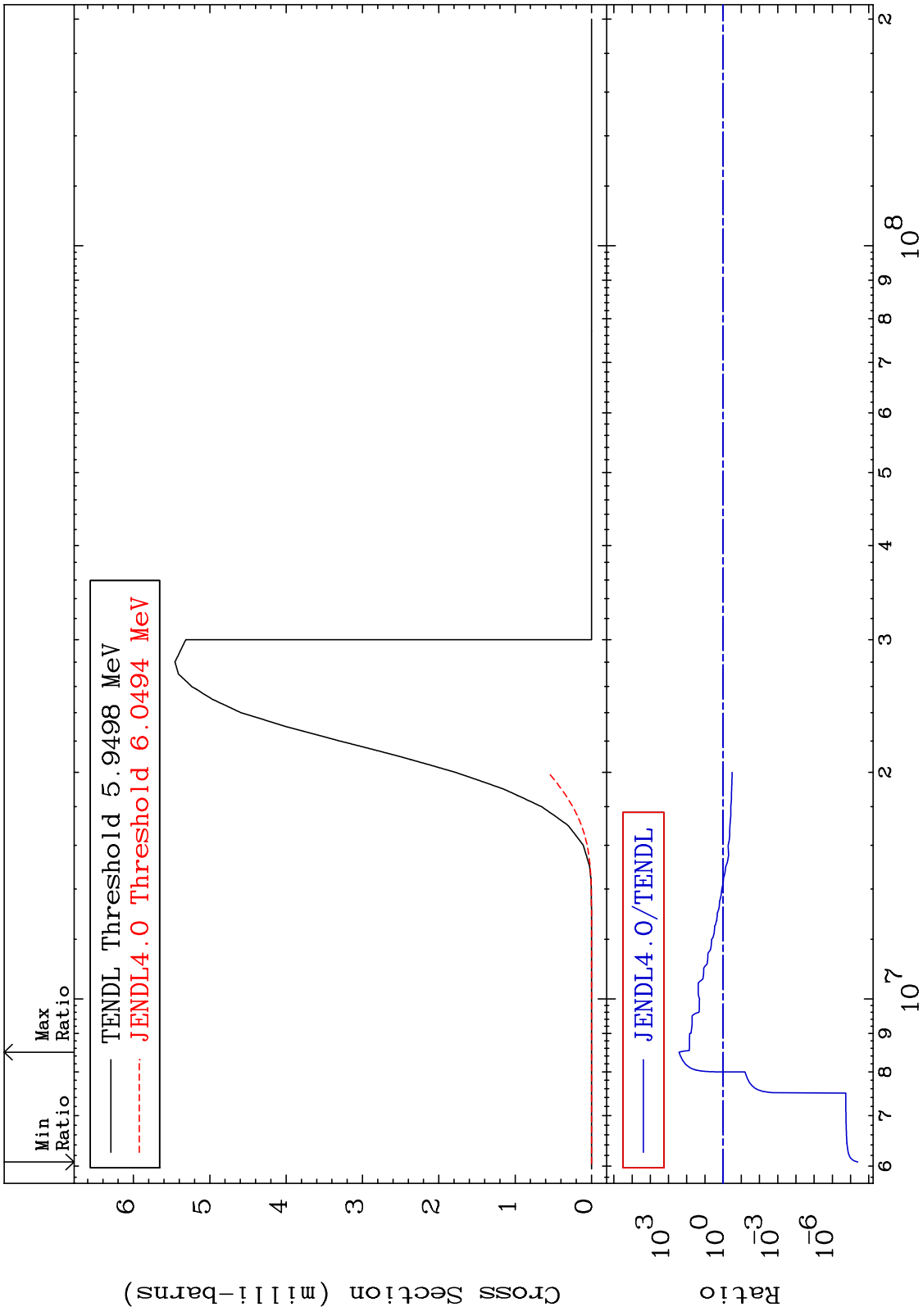
Incident Energy (eV)

MAT 7425 (n,p) Cross Section 74-W -180 -100.0 To 2525. %

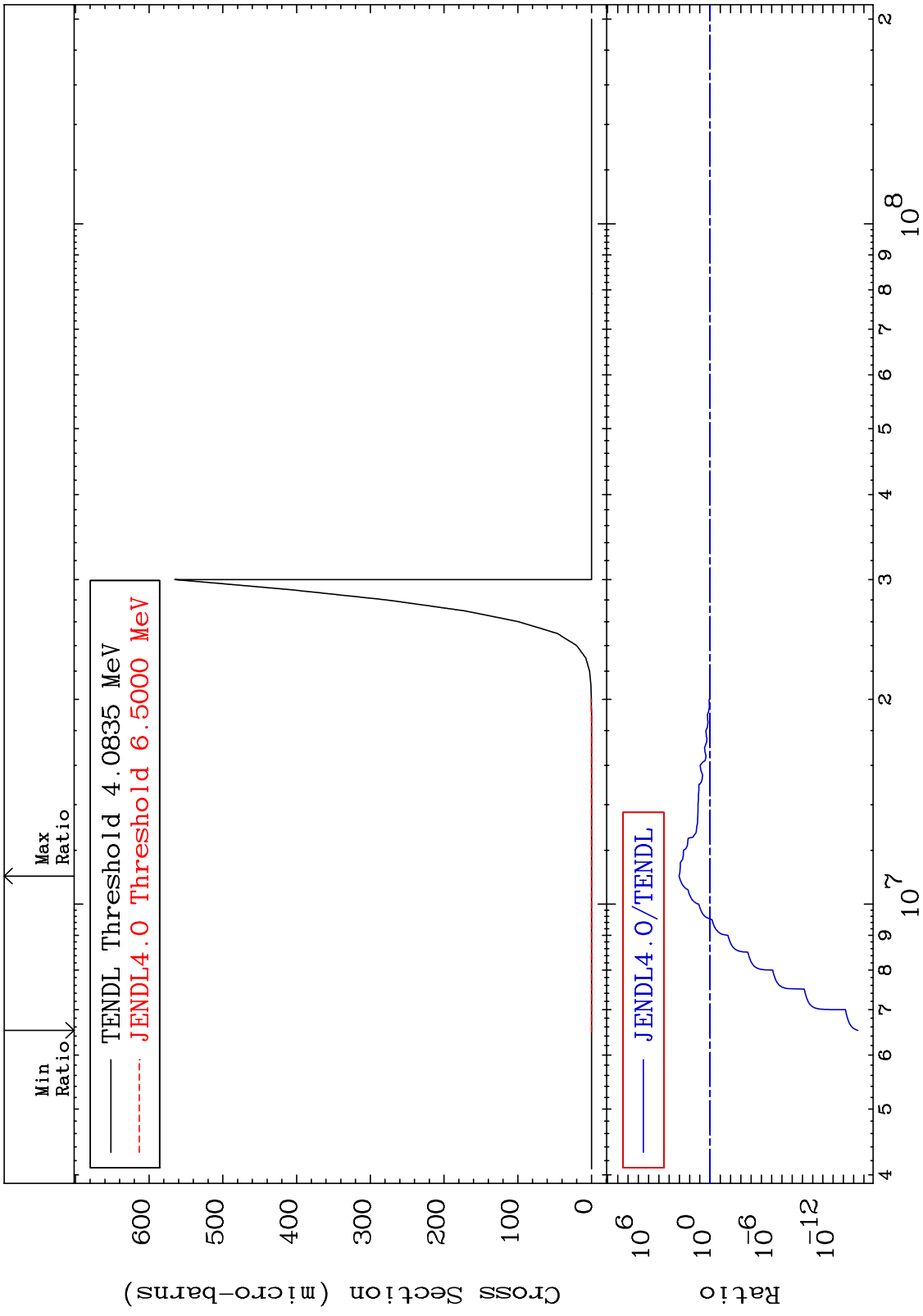


MAT 7425 (n,d) Cross Section 74-W -180 -100.0 To 9999. %

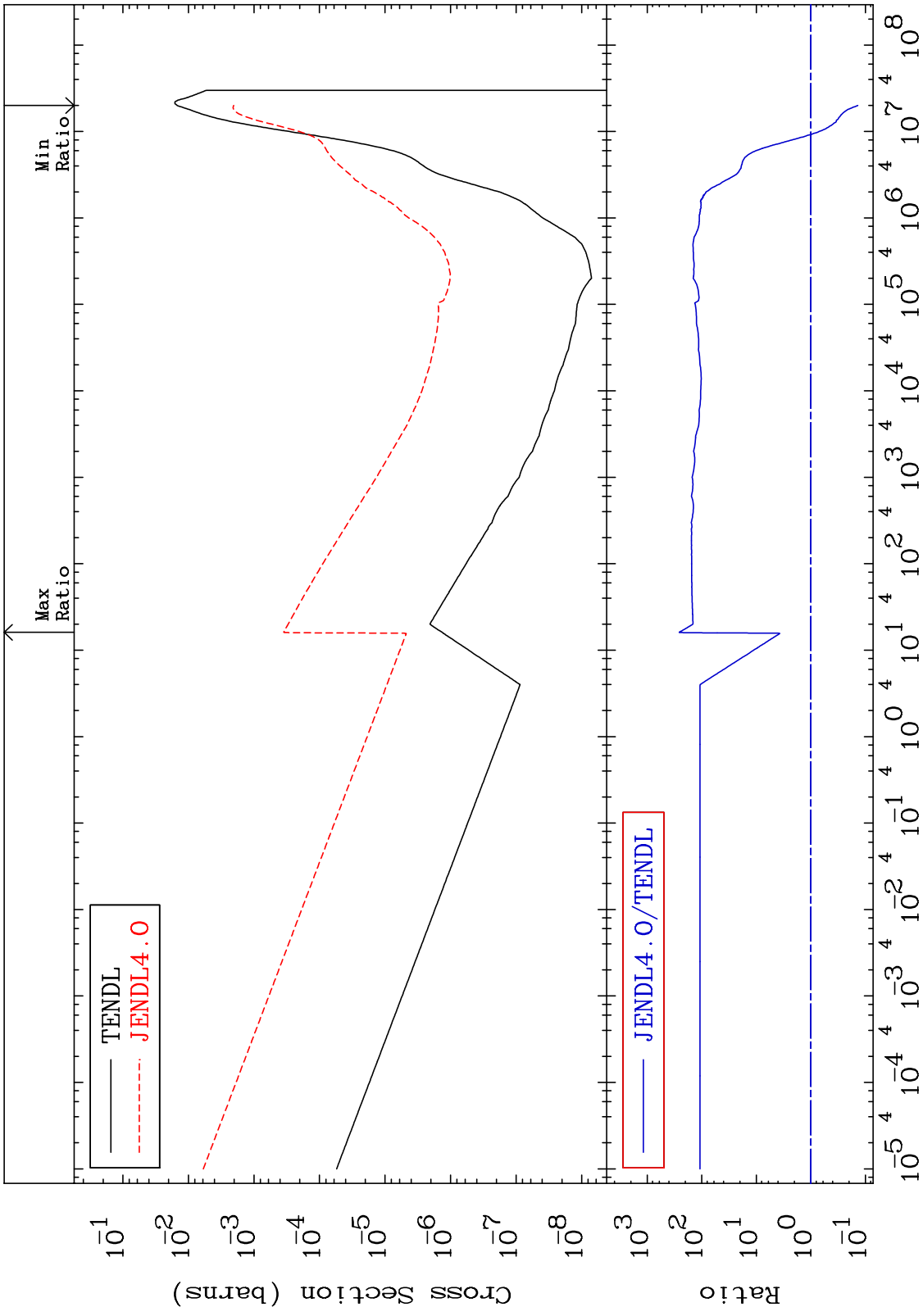




MAT 7425 (n, He-3) Cross Section 74-W -180
 -100.0 To 9999. %

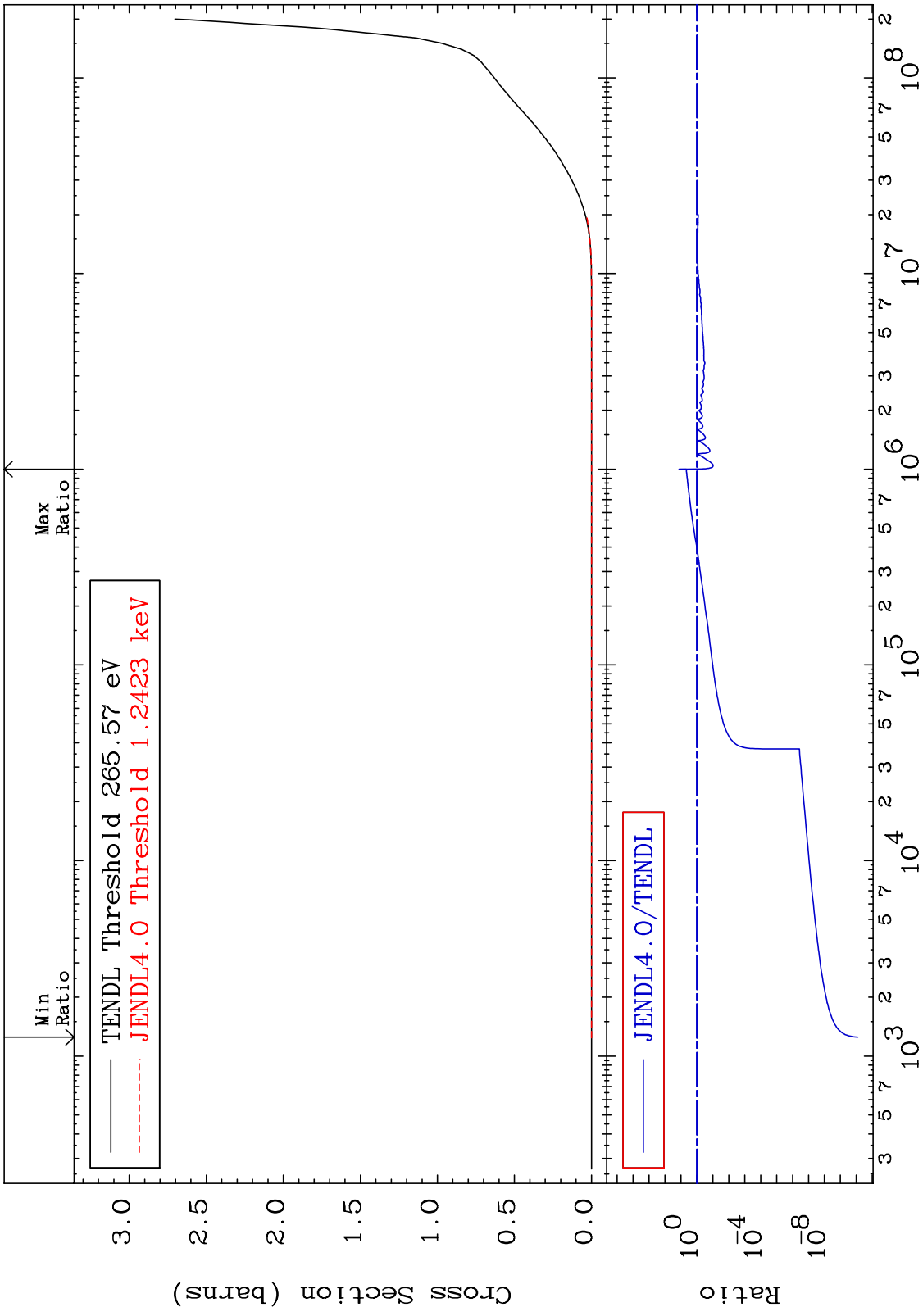


MAT 7425 (n,α) Cross Section 74-W -180 -86.21 To 9999. %



48 74-W -180

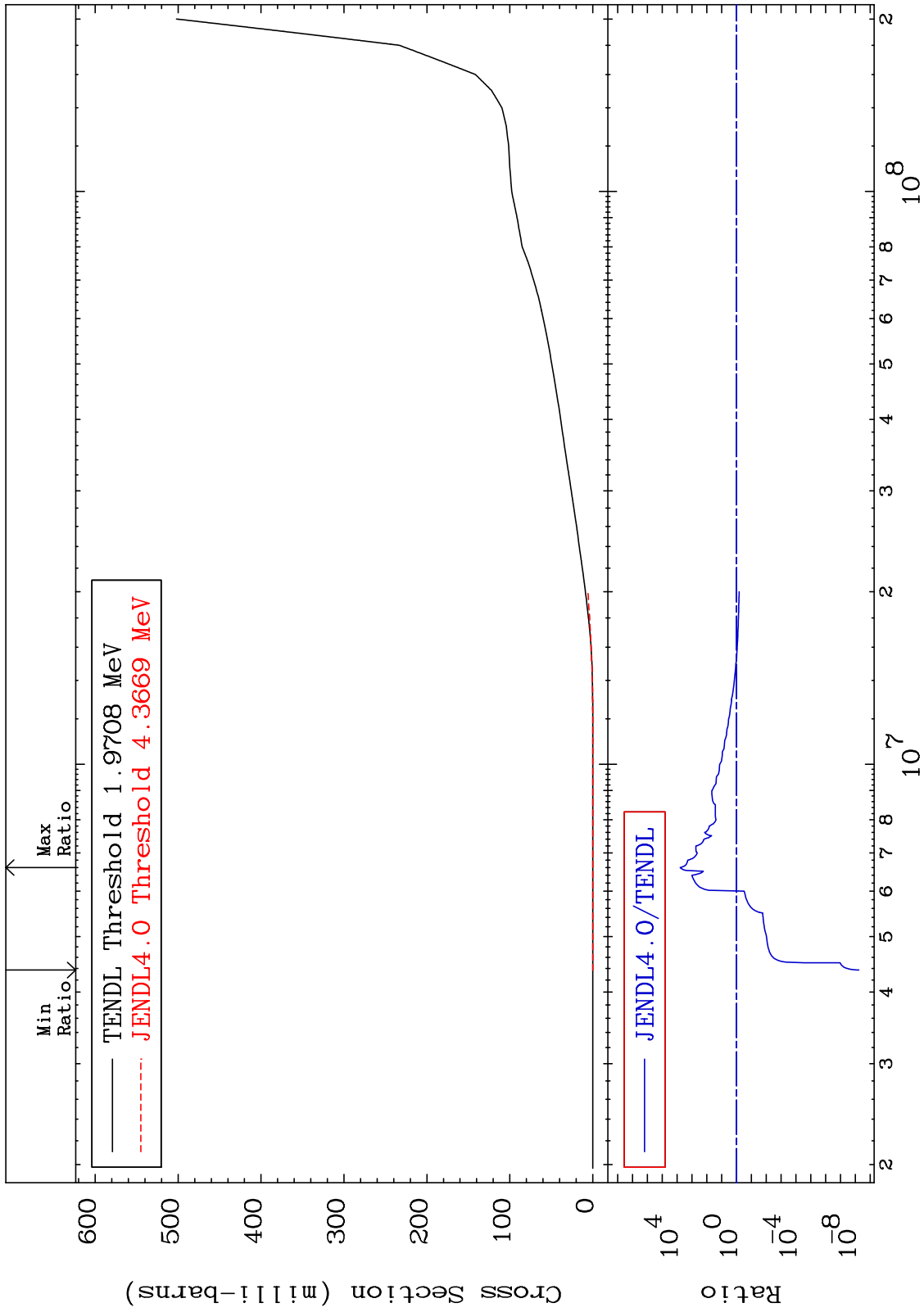
MAT 7425 Hydrogen Production Cross Section 74-W -180 -100.0 To 1212. %



MAT 7425

Deuterium Production
Cross Section

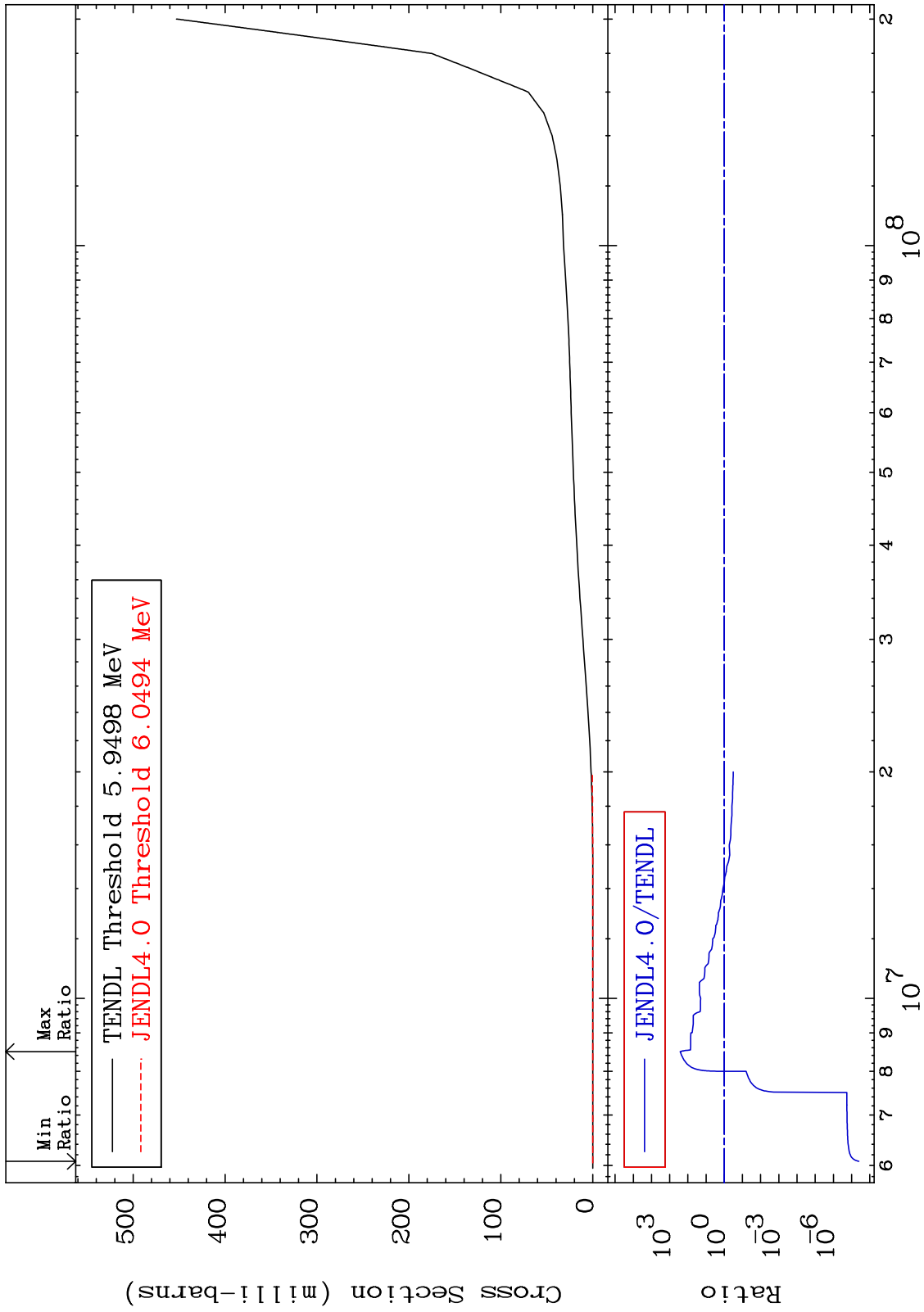
74-W -180
-100.0 To 9999. %

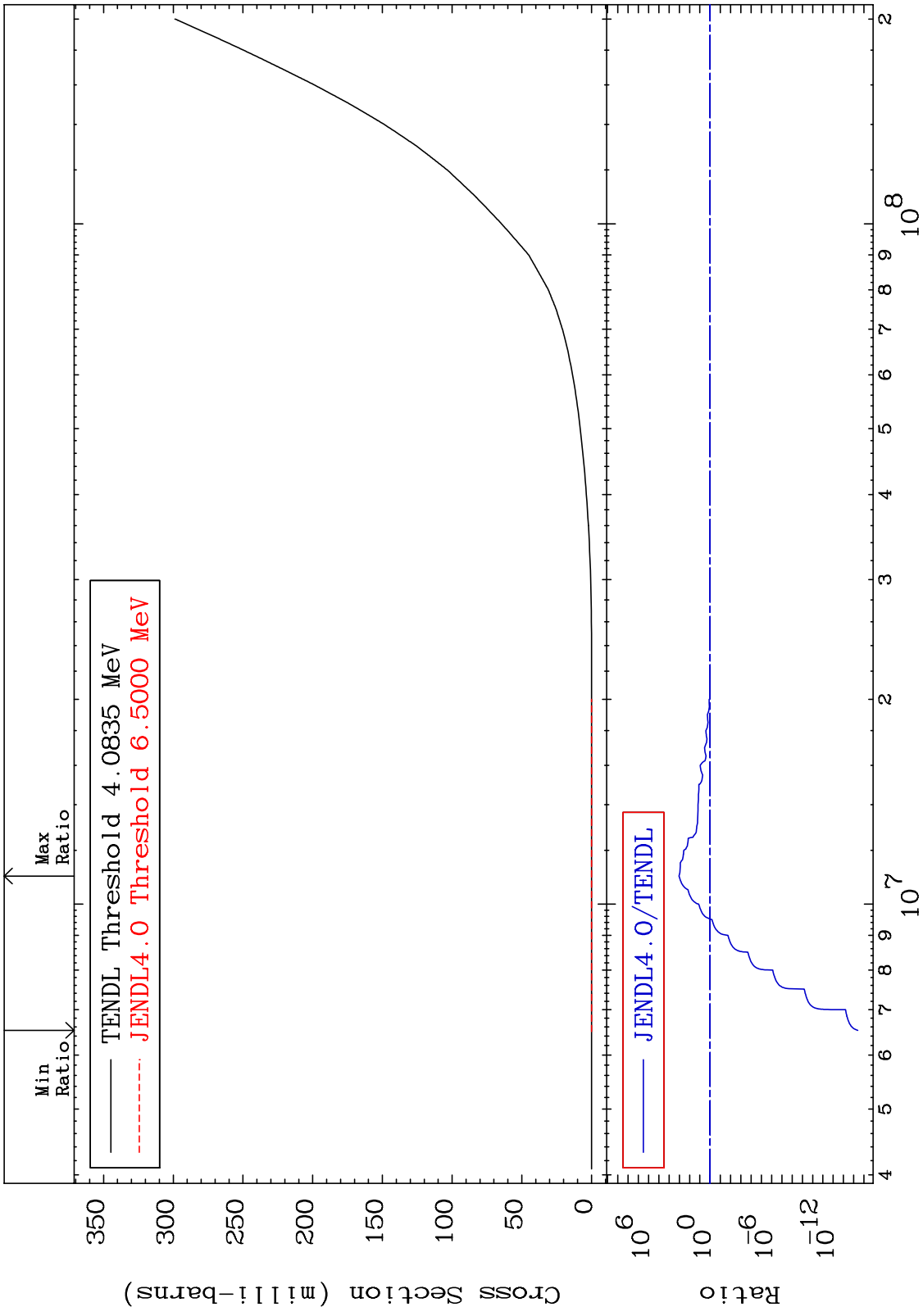


50

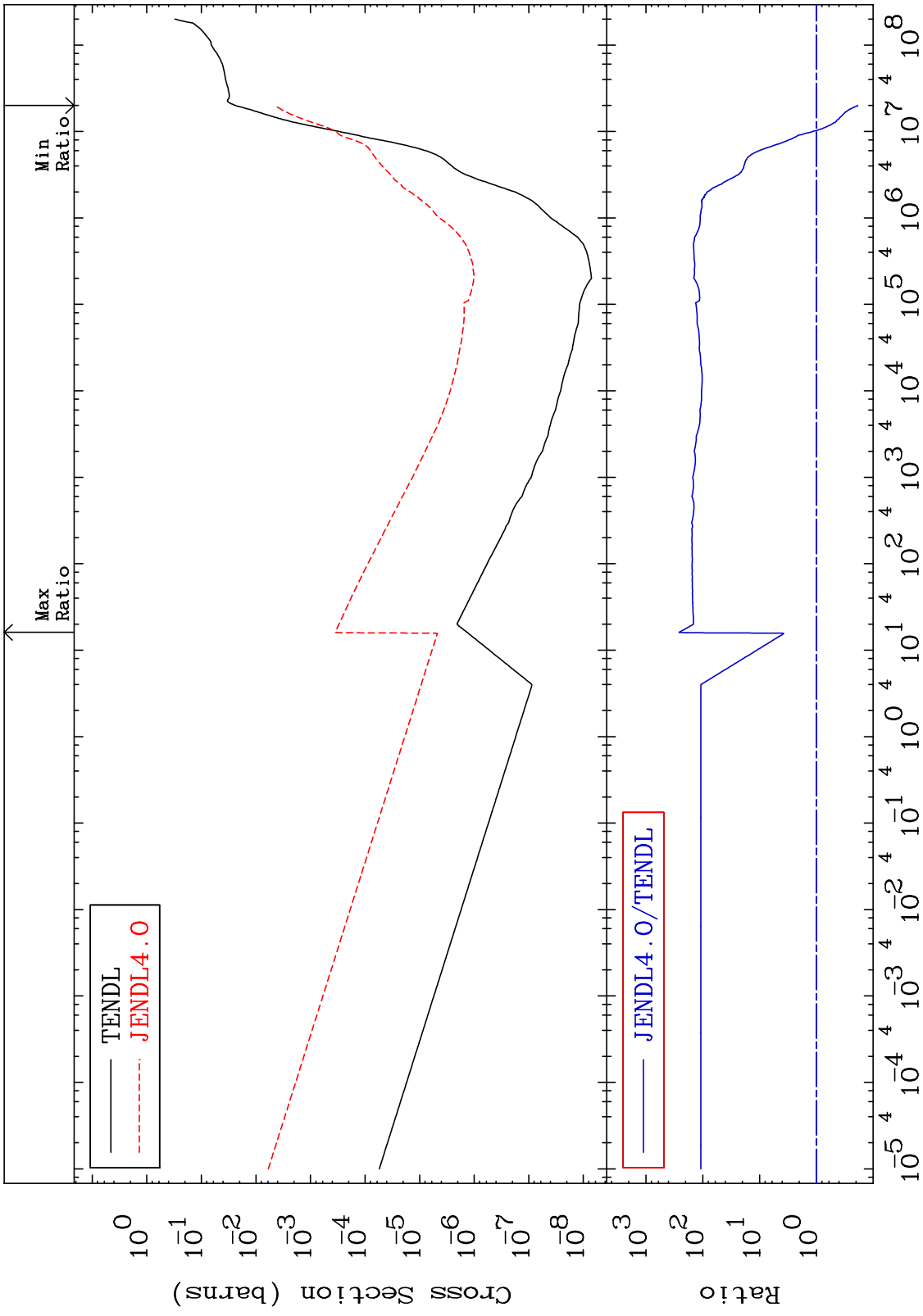
Incident Energy (eV)

74-W -180

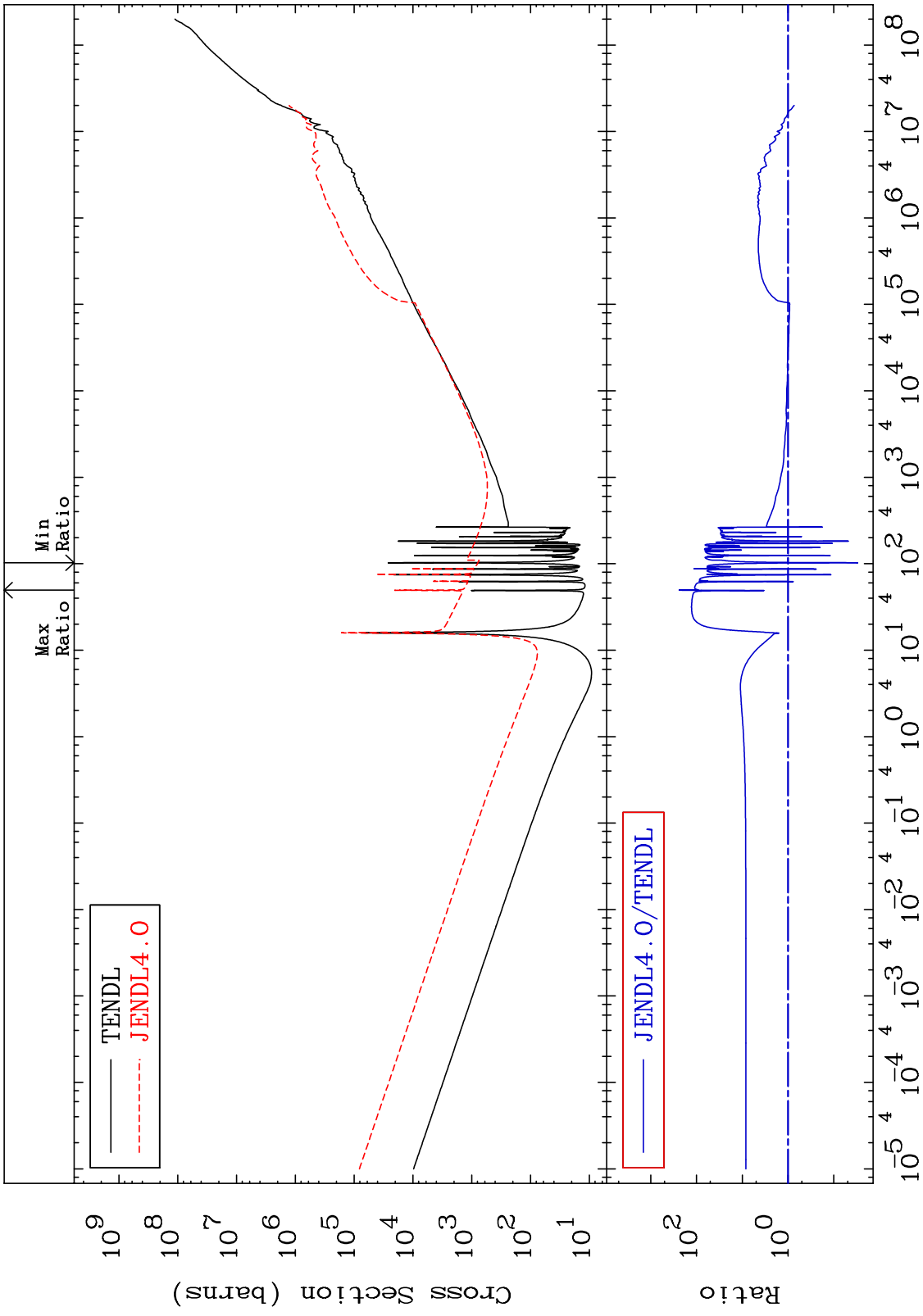




MAT 7425 He-4 Production Cross Section 74-W -180 -81.34 To 9999. %



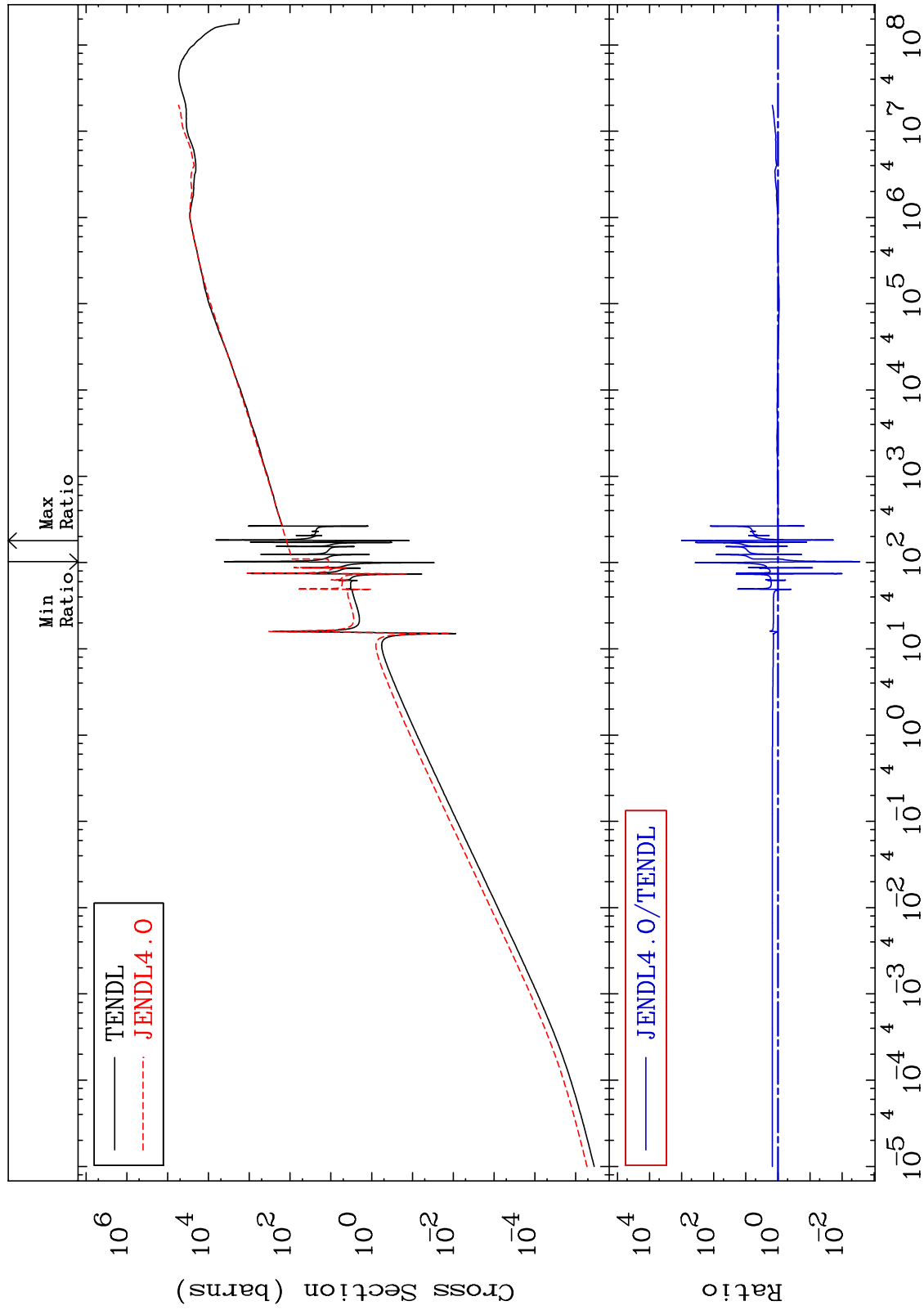
MAT 7425 Kerma total (eV-barns) Cross Section 74-W -180 -97.01 To 9999. %



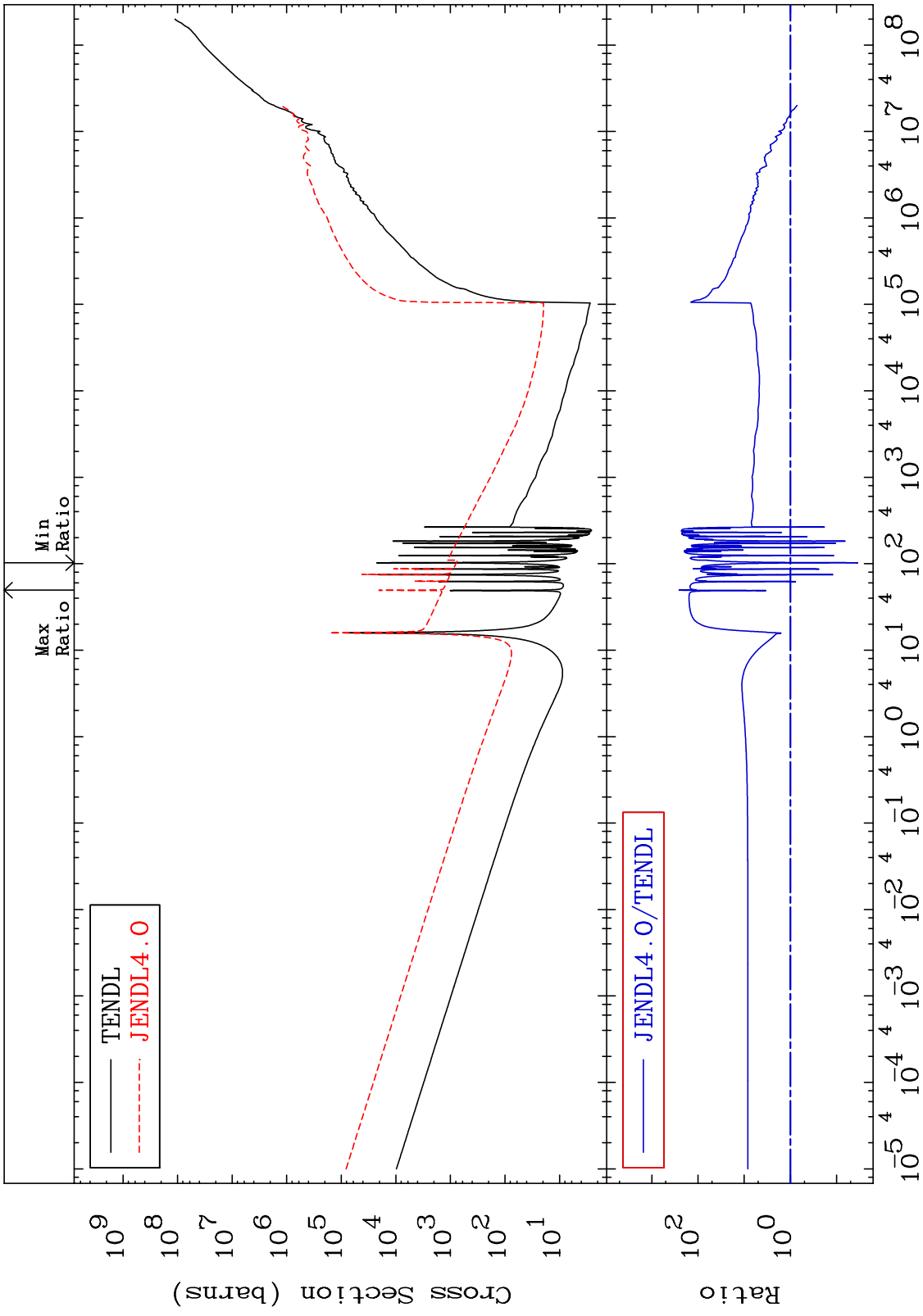
MAT 7425

Kerma elastic
Cross Section

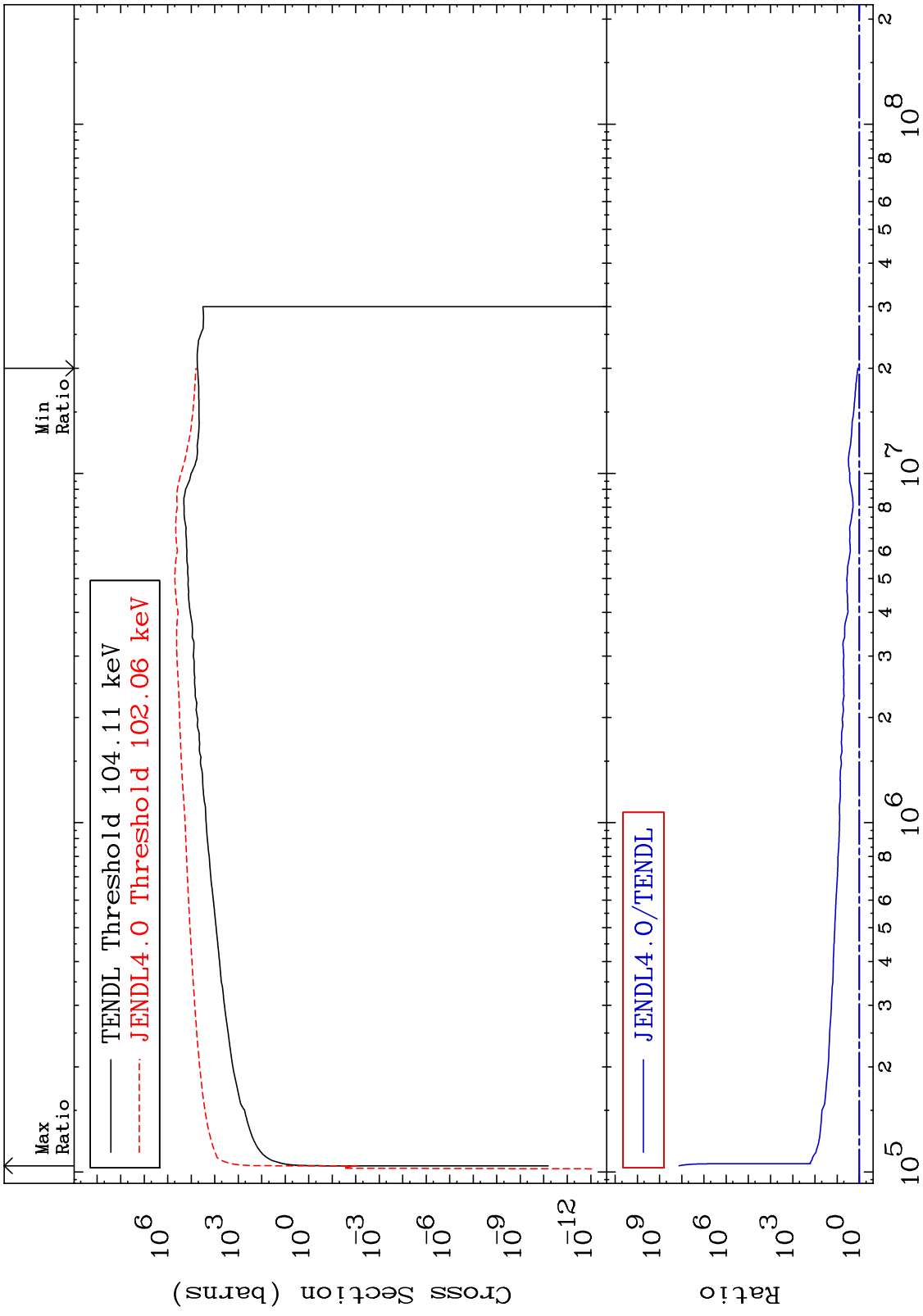
74-W -180
-99.72 To 9999. %



MAT 7425 Kerma non-elastic (all but mt2) 74-W -180
 -96.52 To 9999. %
 Cross Section

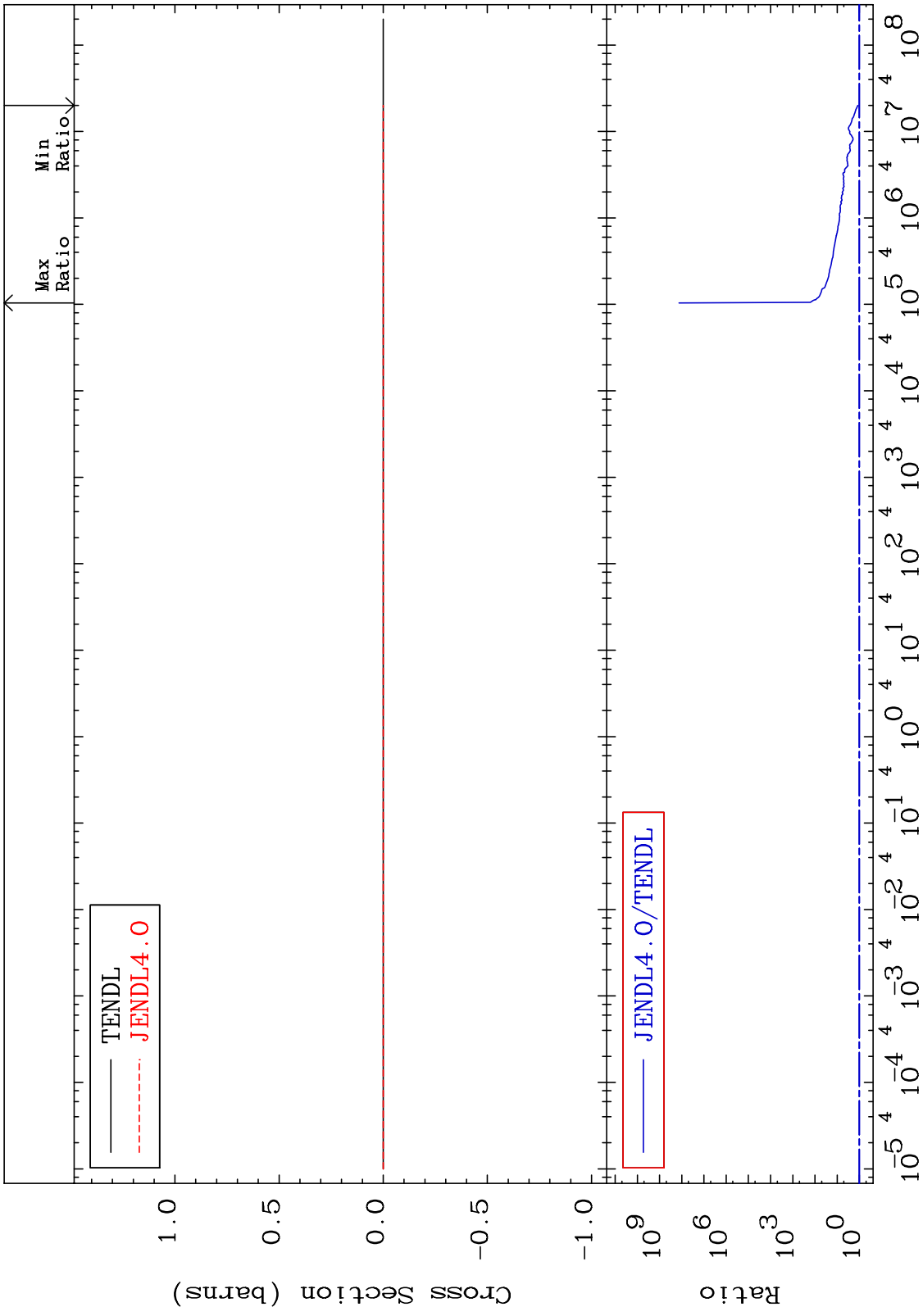


MAT 7425 Kerma inelastic (mt51-91) 74-W -180
 Cross Section 17.67 To 9999. %

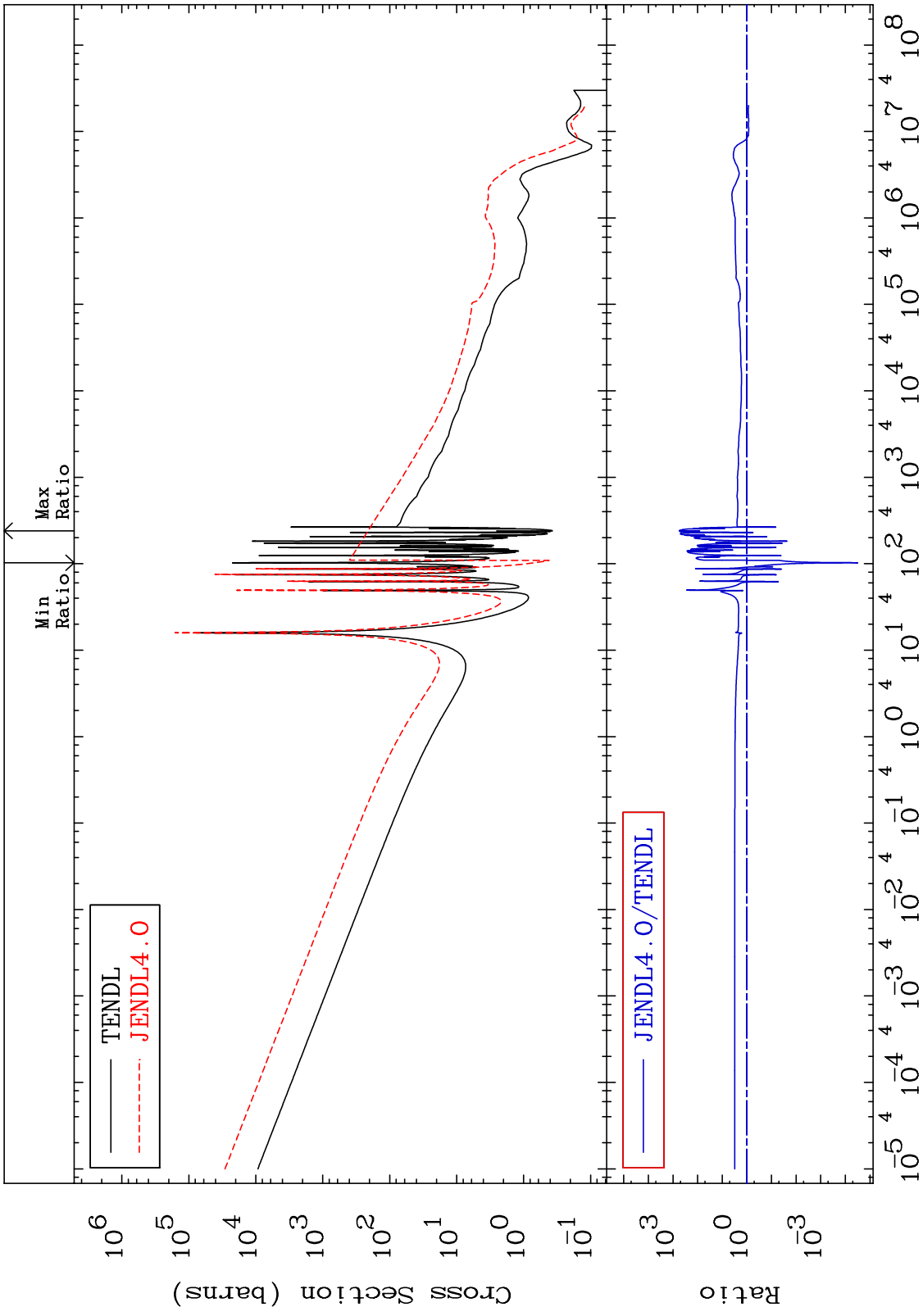


57 74-W -180

MAT 7425 Kerma fission (mt18 or mt19-20-21-38) 74-W -180
 Cross Section 17.67 To 9999. %

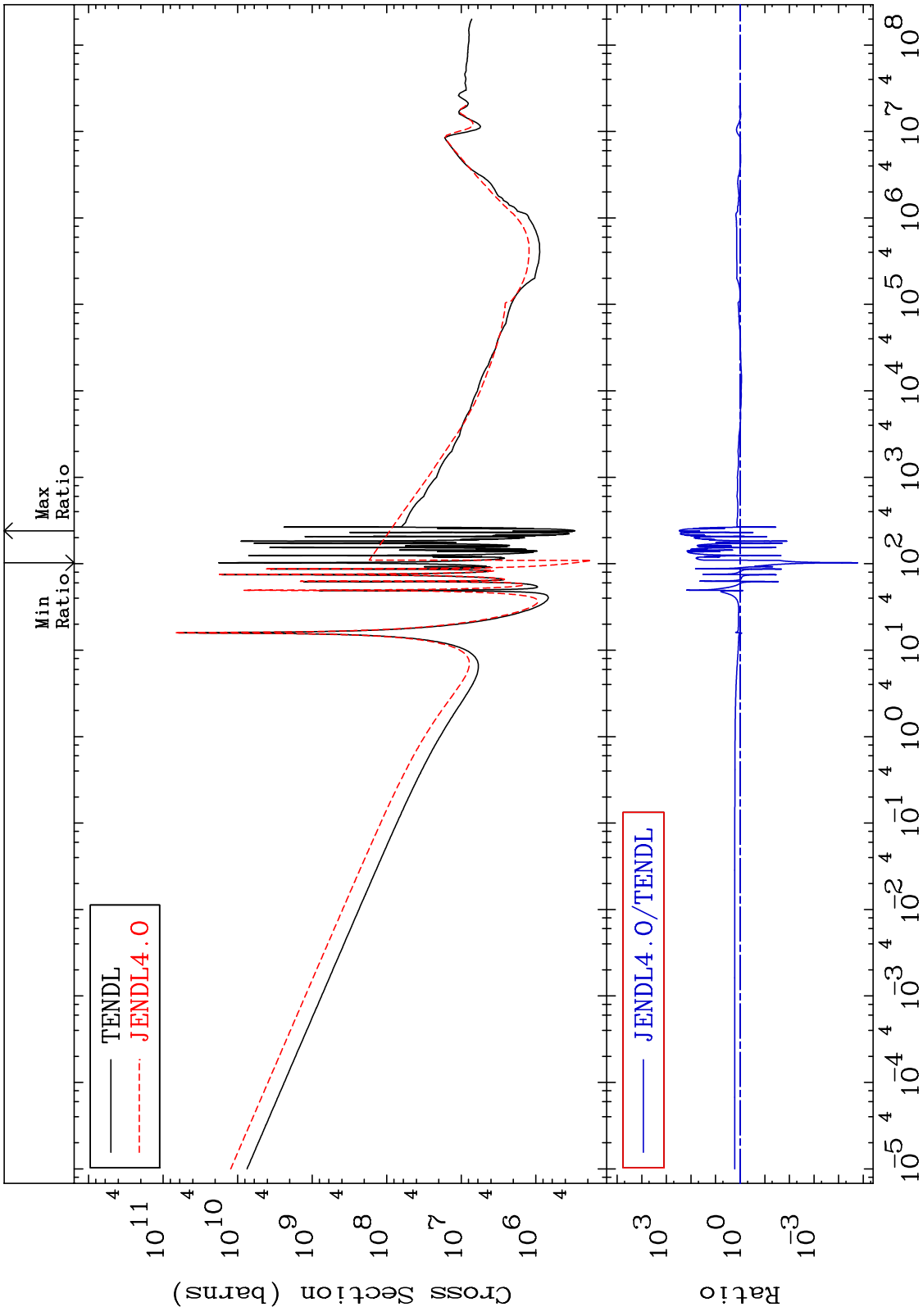


MAT 7425 Kerma capture (mt102) 74-W -180
 -100.0 To 9999. %



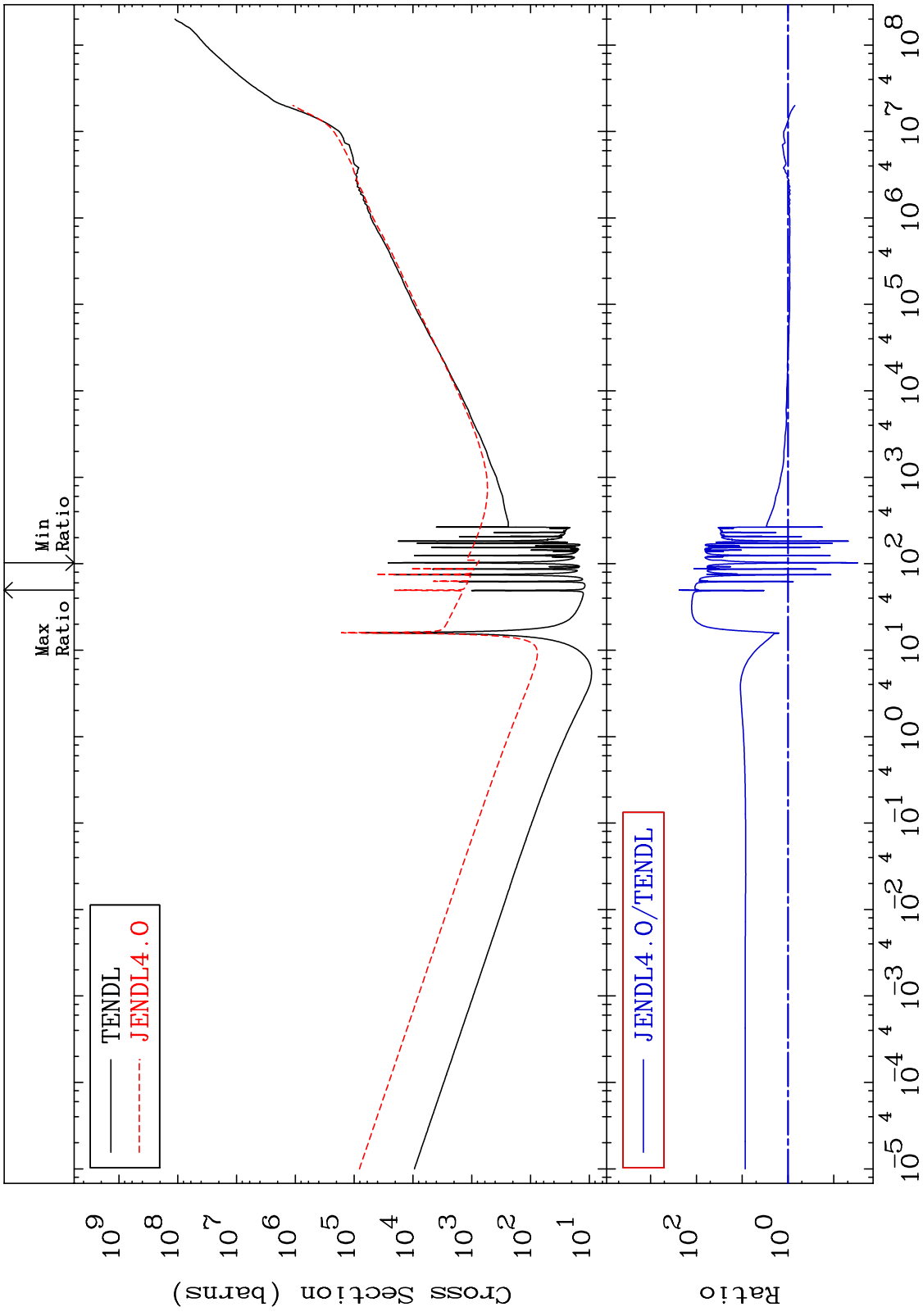
Incident Energy (eV) 74-W -180

MAT 7425 Total photon (eV-barns) 74-W -180
 -100.0 To 9999. %



60 74-W -180

MAT 7425 Total kinematic kerma (high limit) 74-W -180
 -97.01 To 9999. %
 Cross Section

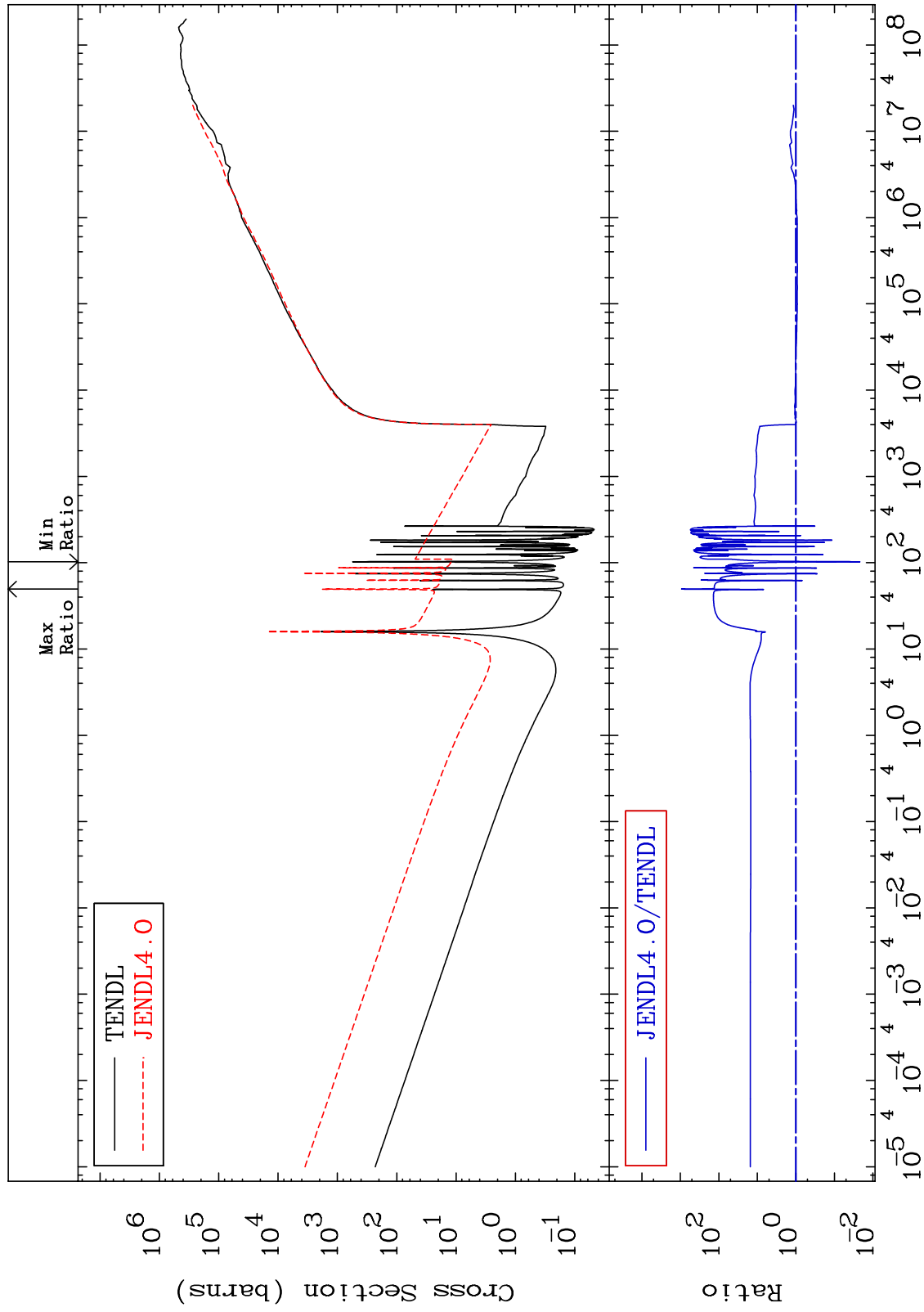


61 Incident Energy (eV) 74-W -180

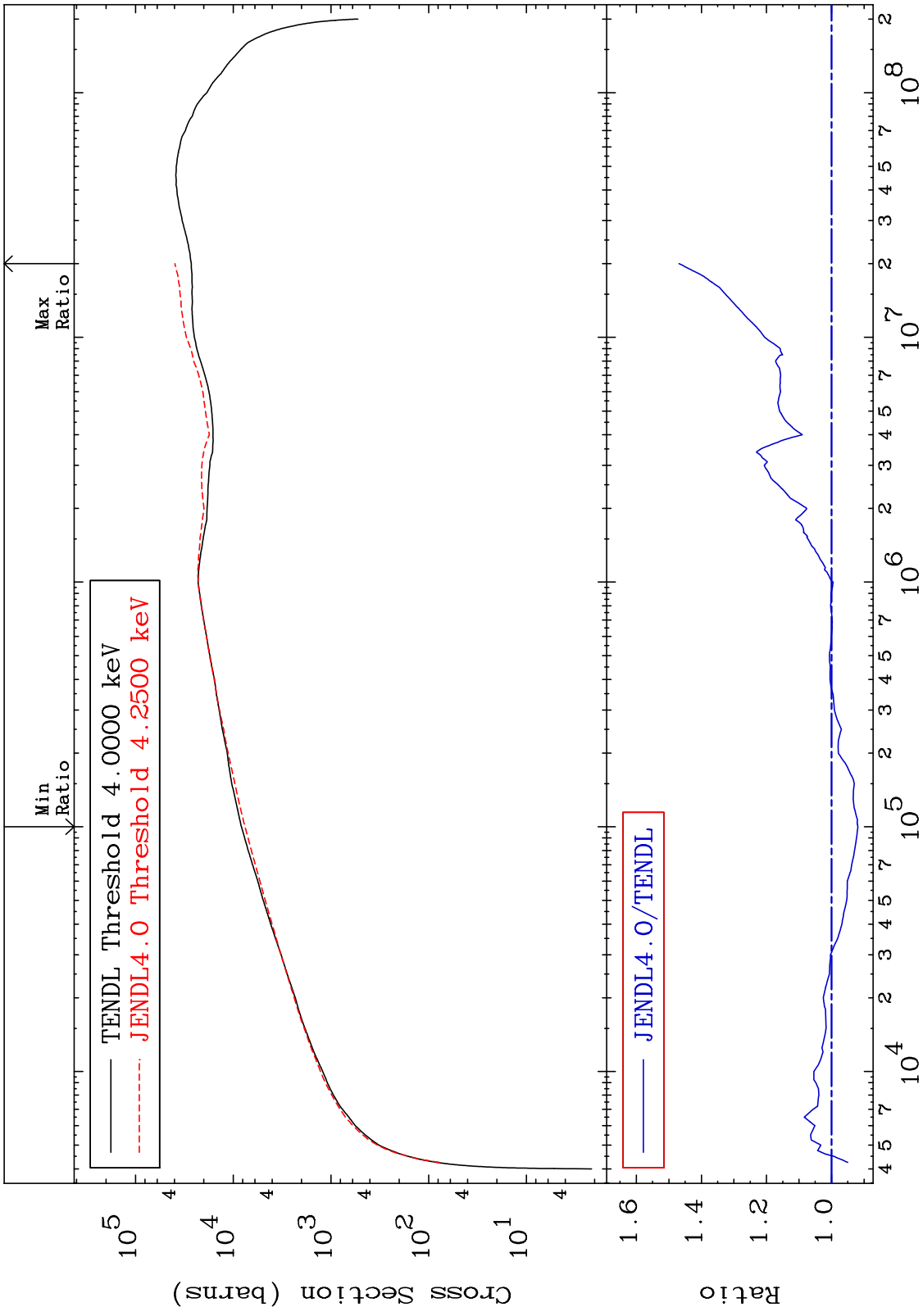
MAT 7425

Dpa total (eV-barns)
Cross Section

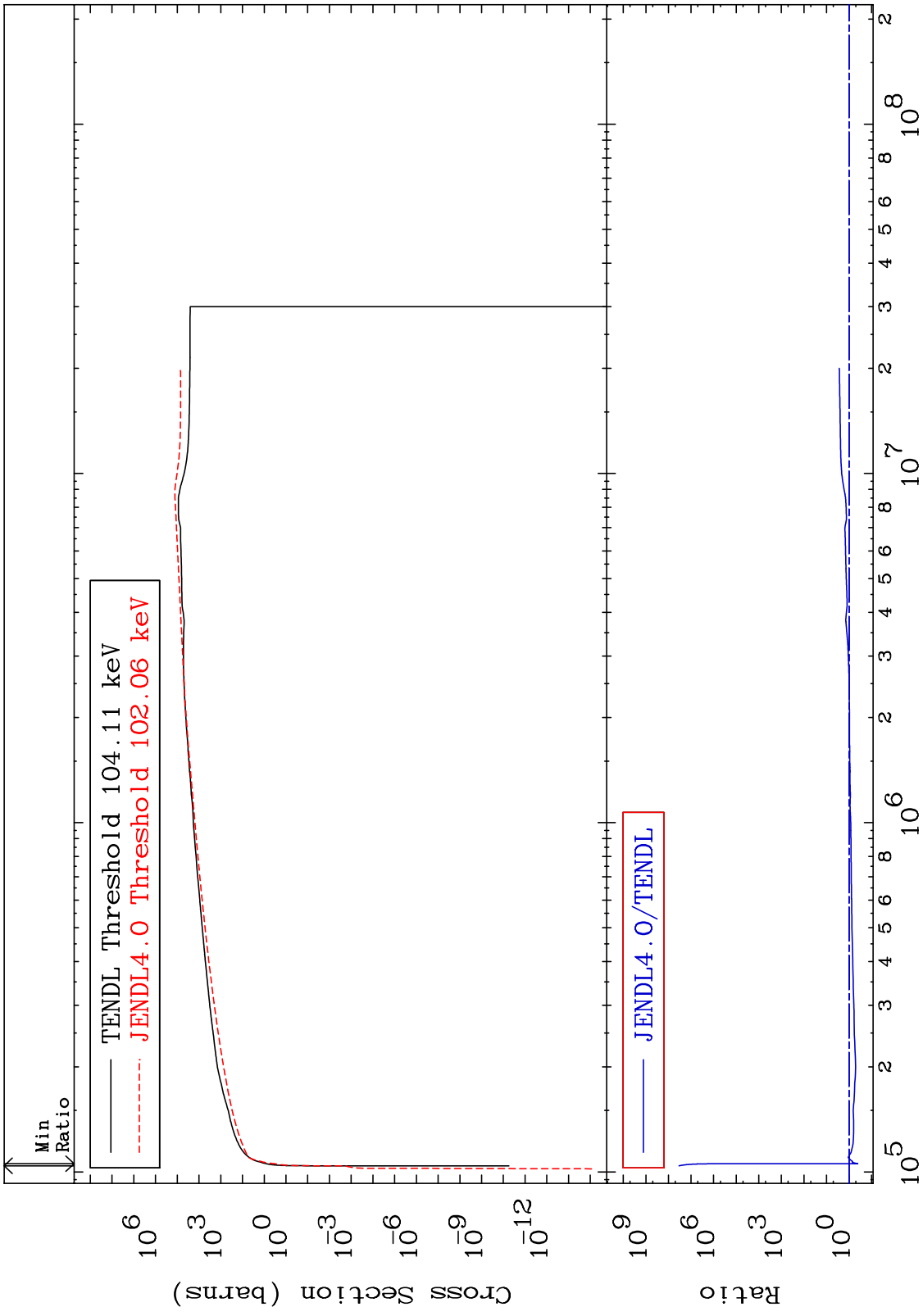
74-W -180
-97.81 To 9999. %



MAT 7425 Dpa elastic (mt2) Cross Section 74-W -180
 -8.090 To 46.87 %

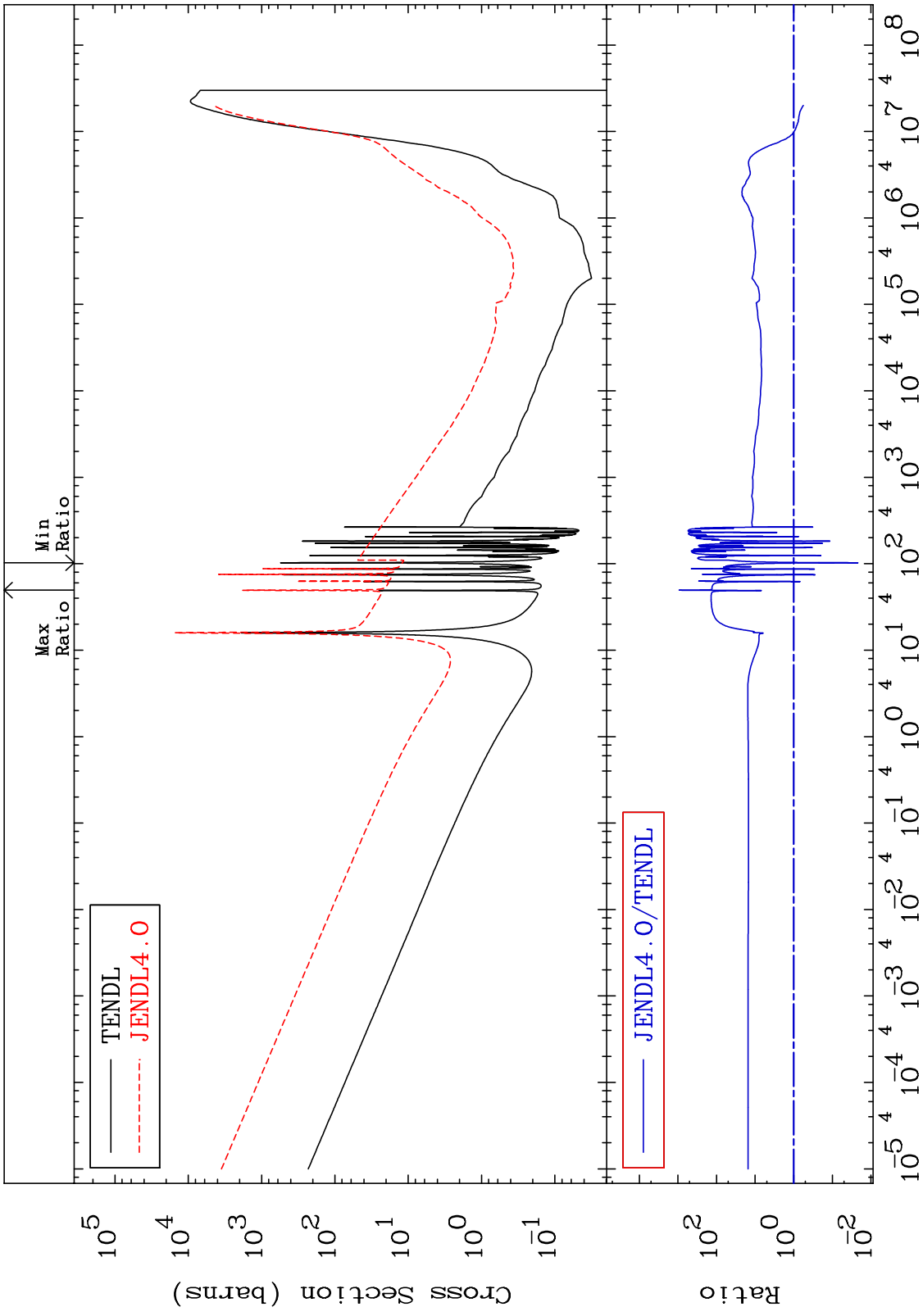


MAT 7425 Dpa inelastic (mt51-91) 74-W -180
 Cross Section -59.03 To 9999. %



64 Incident Energy (eV) 74-W -180

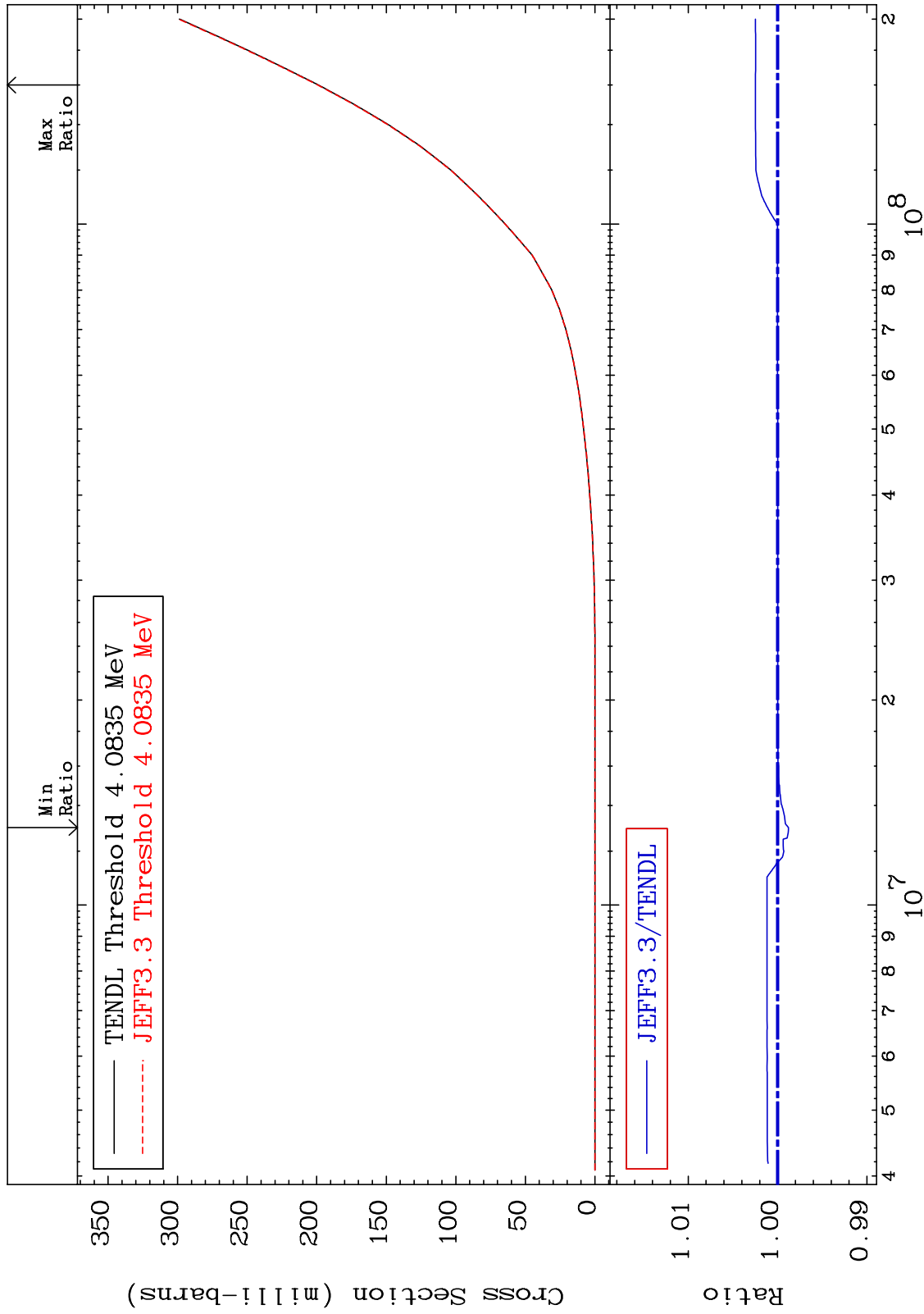
MAT 7425 Dpa disappearance (mt102 -120) 74-W -180
 Cross Section -97.81 To 9999. %



MAT 7425

He-3 Production
Cross Section

74-W -180
-0.121 To 0.249 %



66

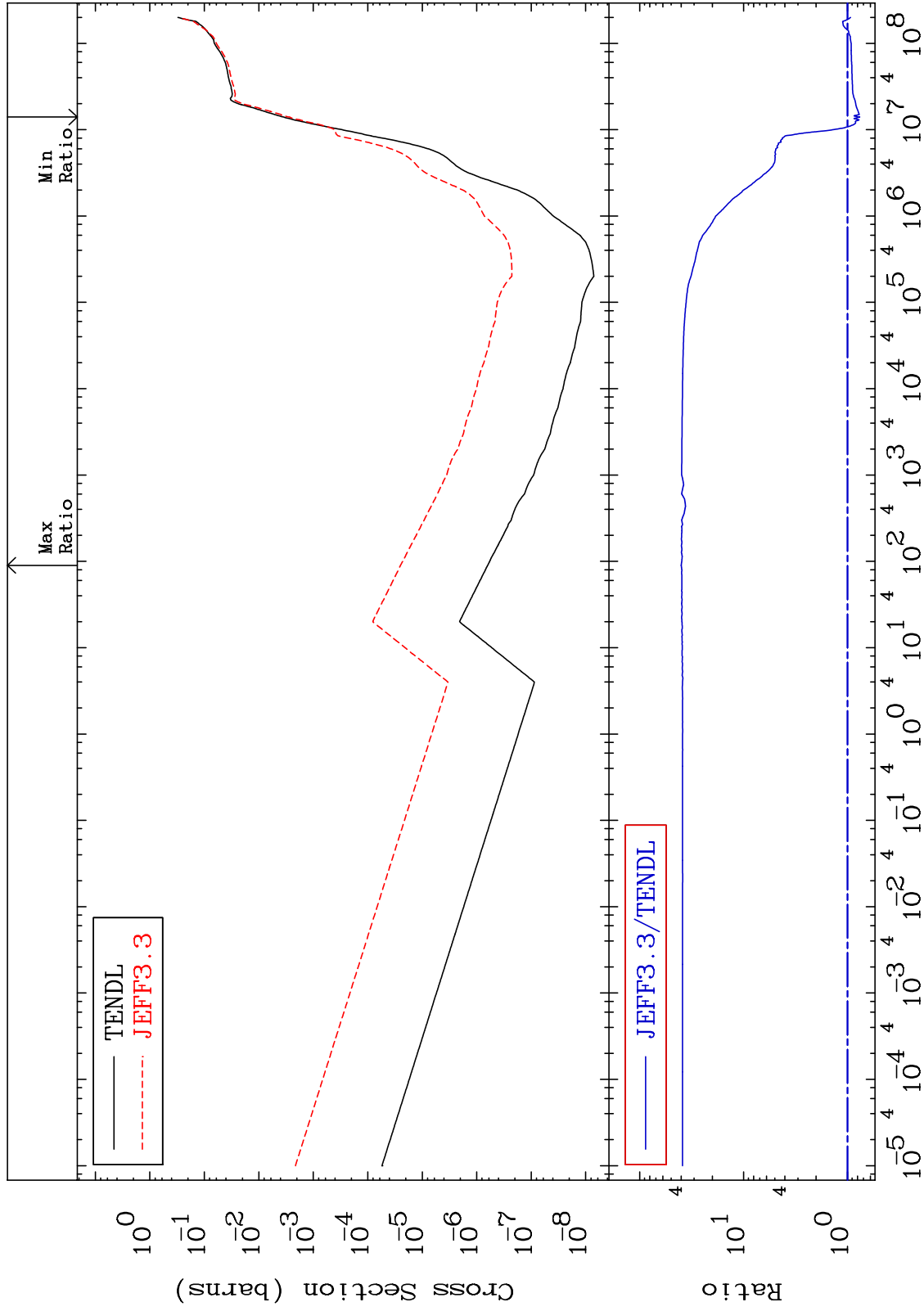
Incident Energy (eV)

74-W -180

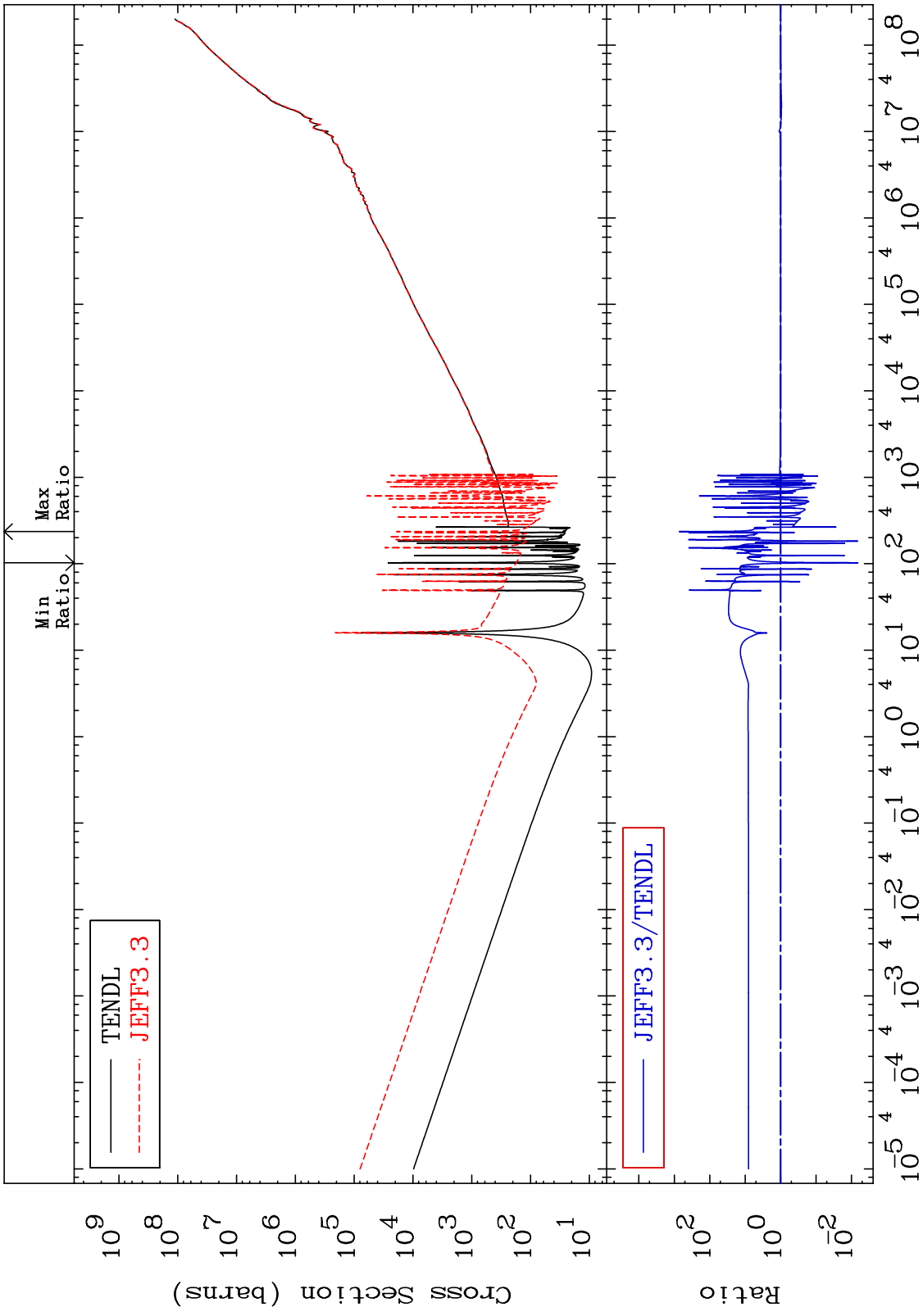
MAT 7425

He-4 Production
Cross Section

74-W -180
-24.00 To 3887. %



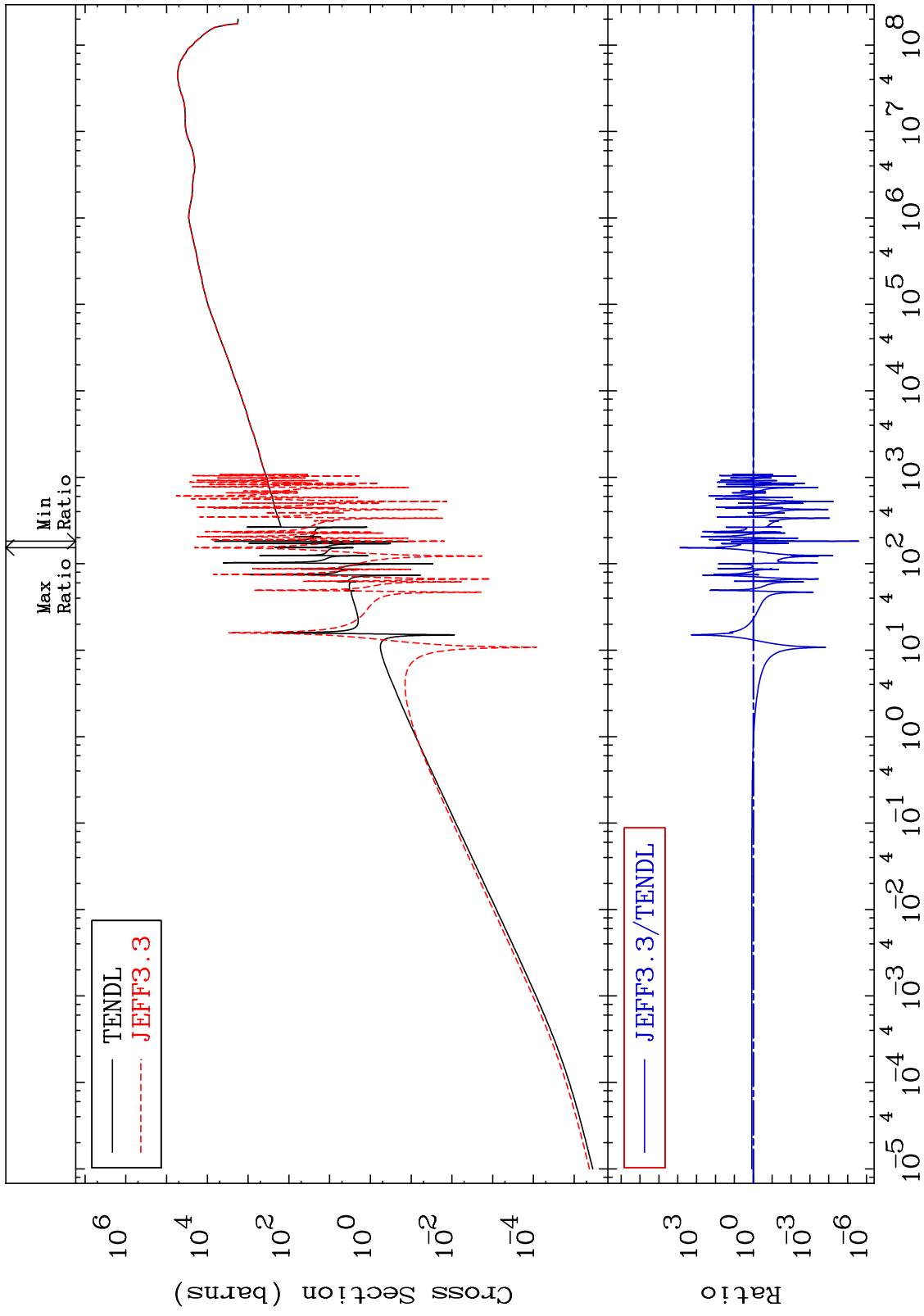
MAT 7425 Kerma total (eV-barns) 74-W -180
 Cross Section -99.34 To 9999. %



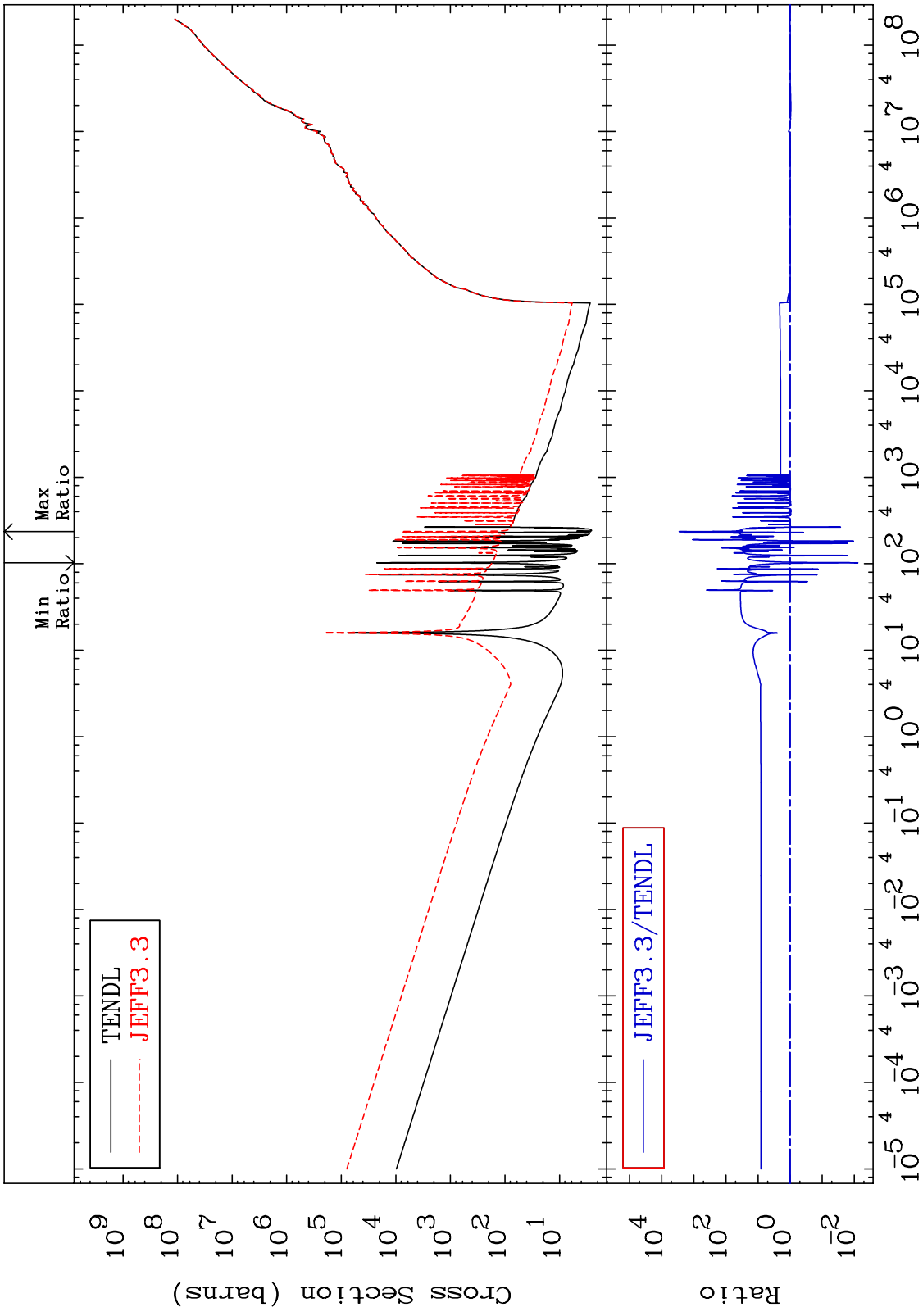
MAT 7425

Kerma elastic
Cross Section

74-W -180
-100.0 To 9999. %

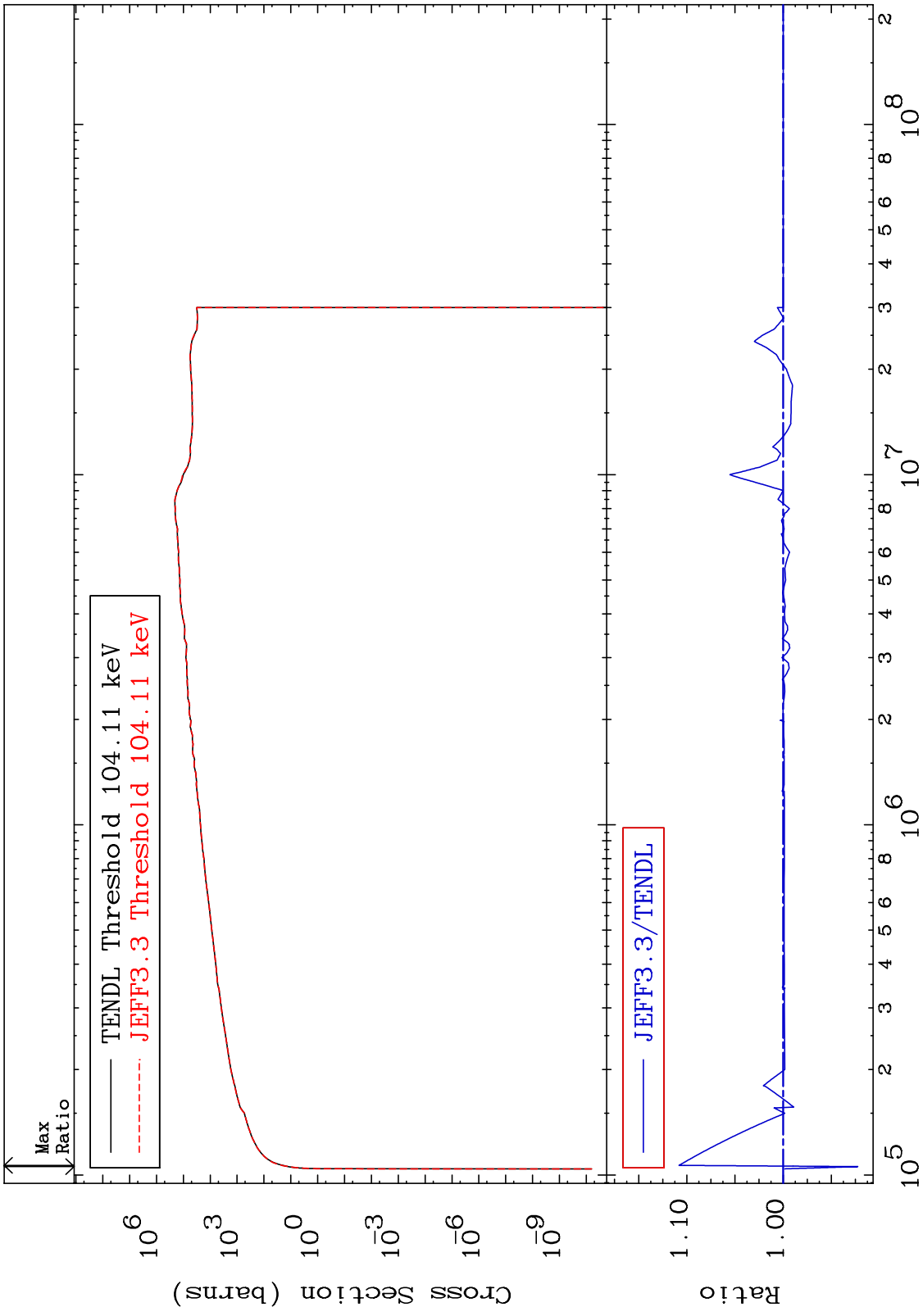


MAT 7425 Kerma non-elastic (all but mt2) 74-W -180
 -99.22 To 9999. %
 Cross Section



70 74-W -180

MAT 7425 Kerma inelastic (mt51-91) 74-W -180
-7.754 To 10.81 %
Cross Section

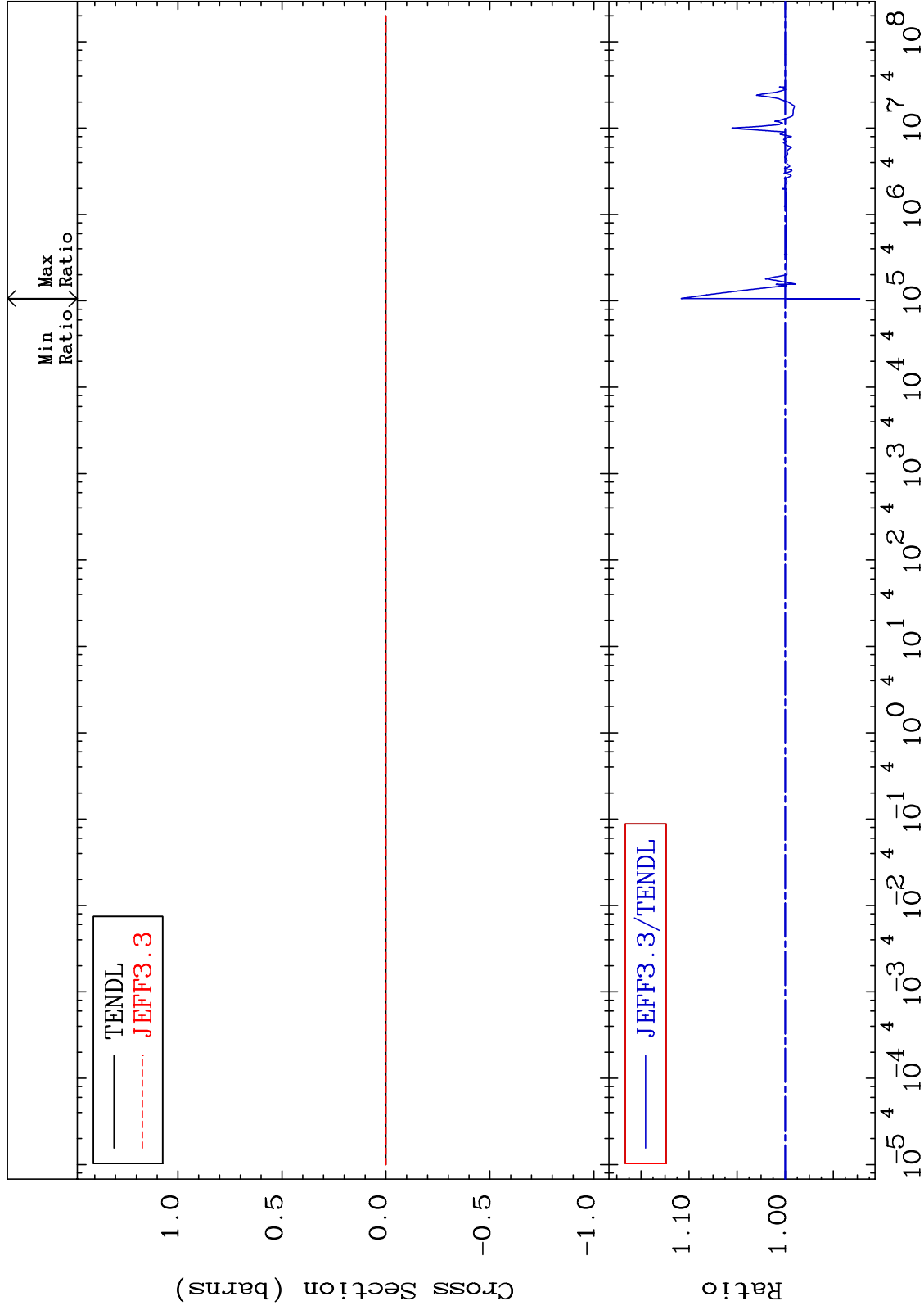


71 Incident Energy (eV) 74-W -180

MAT 7425

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

74-W -180
-7.754 To 10.81 %



72

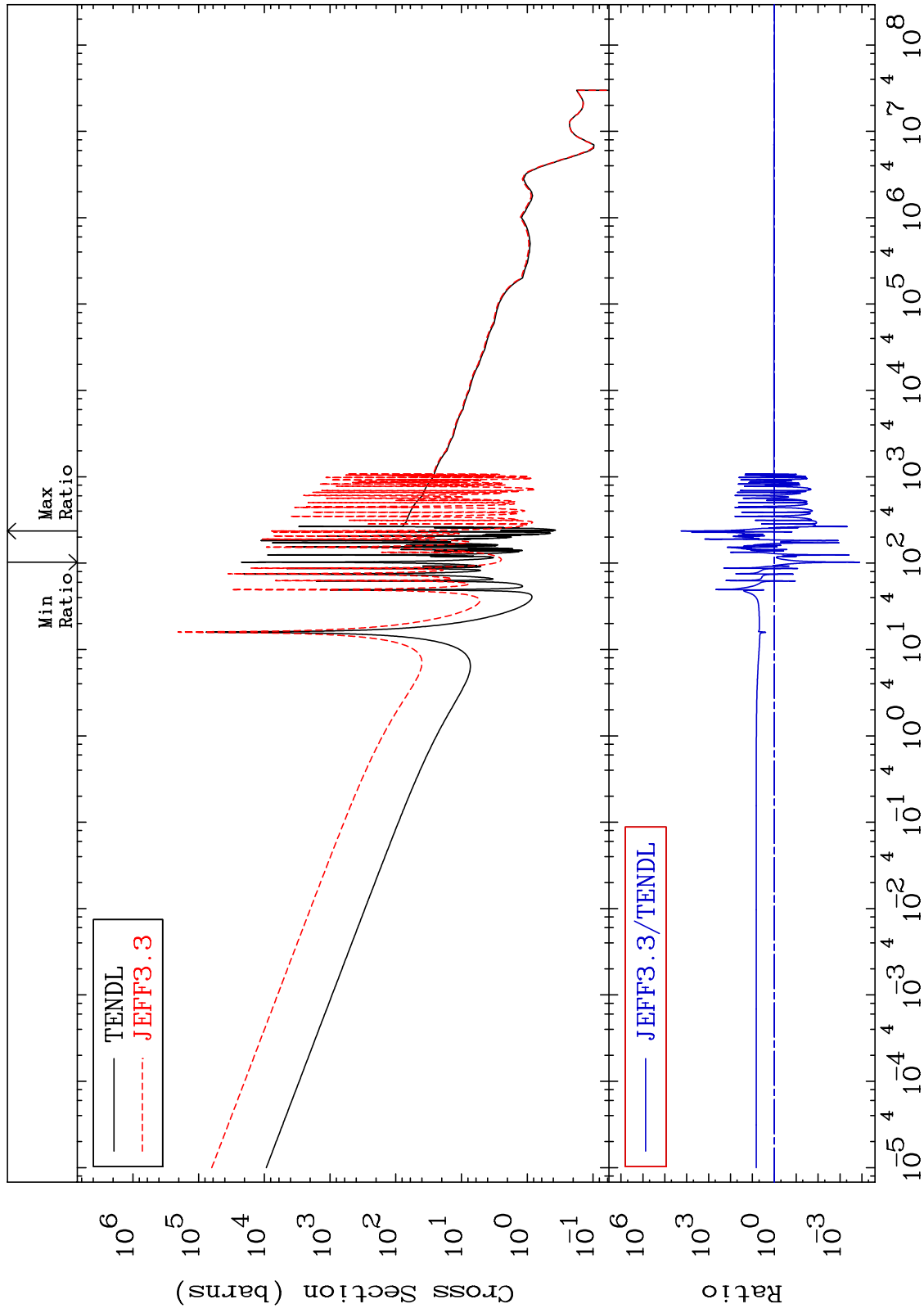
Incident Energy (eV)

74-W -180

MAT 7425

Kerma capture (mt102)
Cross Section

74-W -180
-99.99 To 9999. %

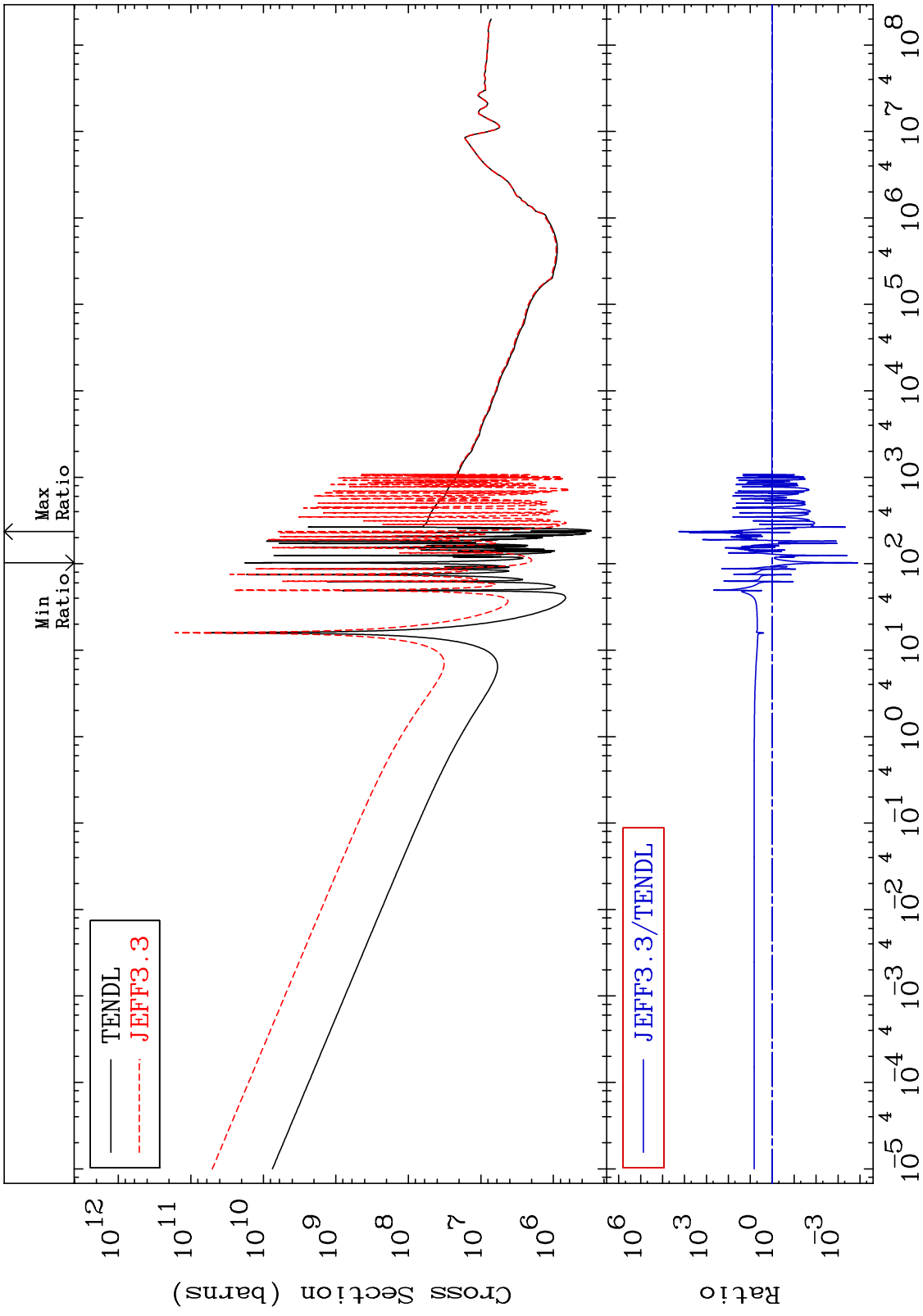


73

Incident Energy (eV)

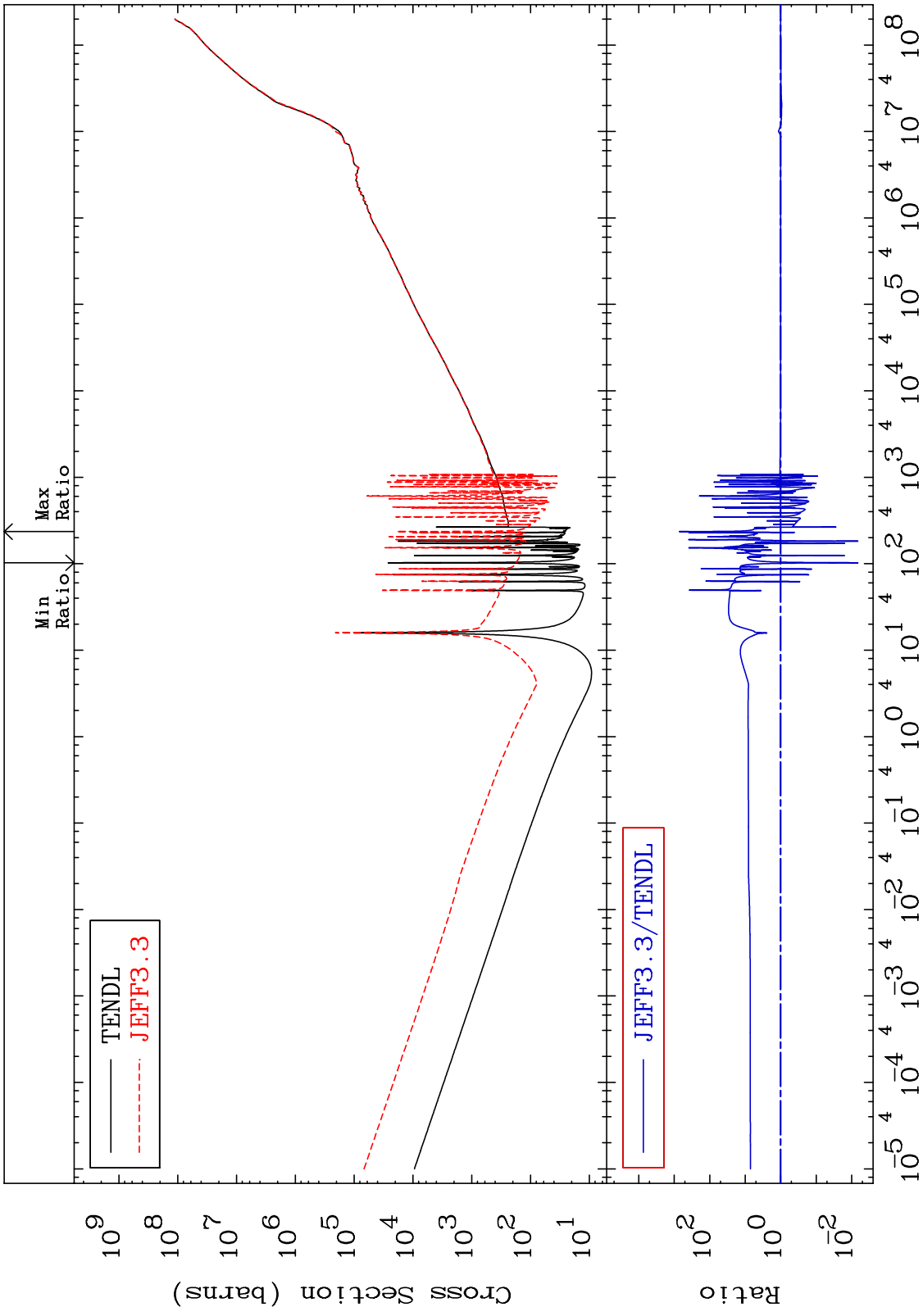
74-W -180

MAT 7425 Total photon (eV-barns) Cross Section 74-W -180 -99.99 To 9999. %



74 74-W -180

MAT 7425 Total kinematic kerma (high limit) 74-W -180
 -99.33 To 9999. %
 Cross Section

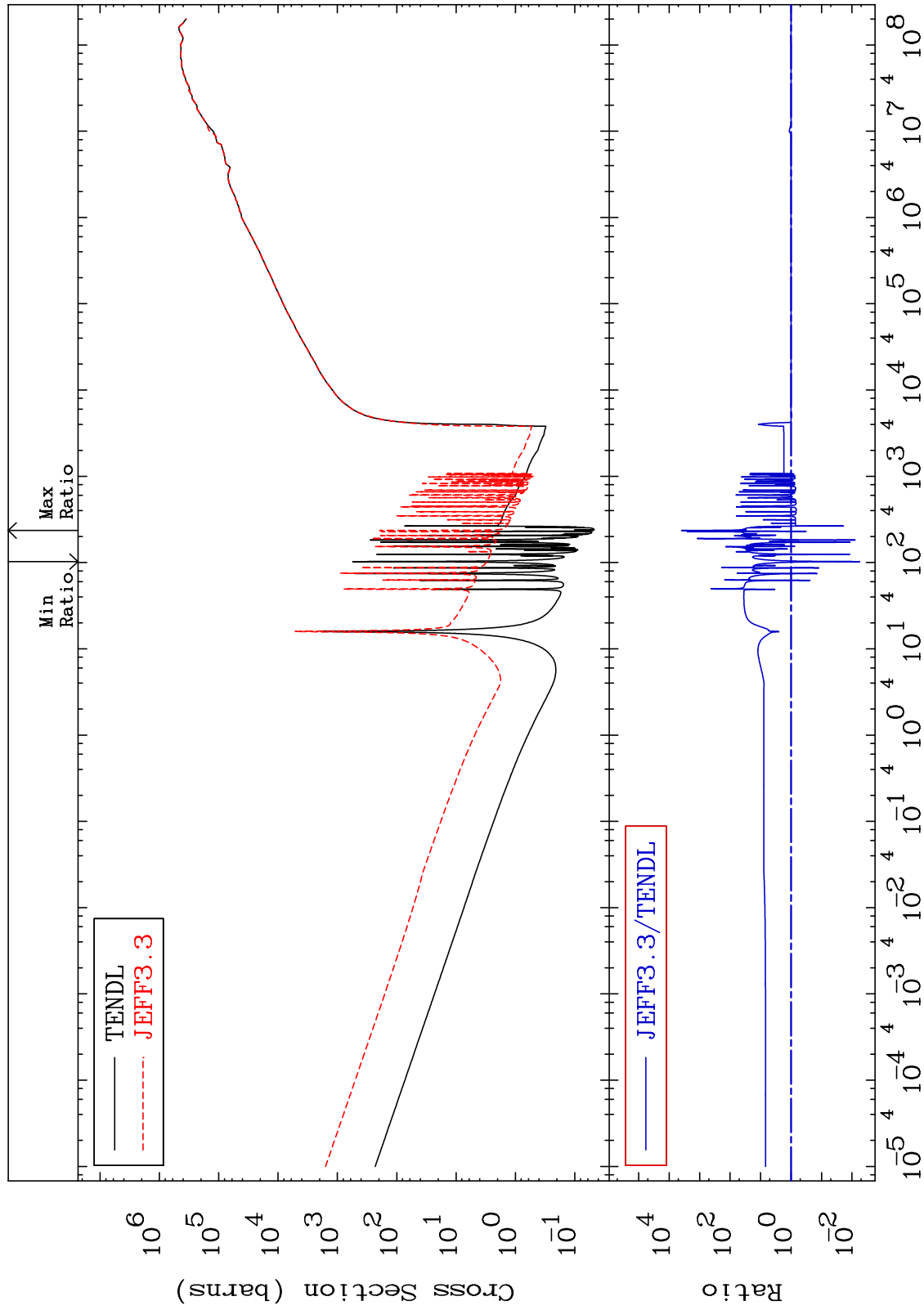


75 74-W -180

MAT 7425

Dpa total (eV-barns)
Cross Section

74-W -180
-99.45 To 9999. %

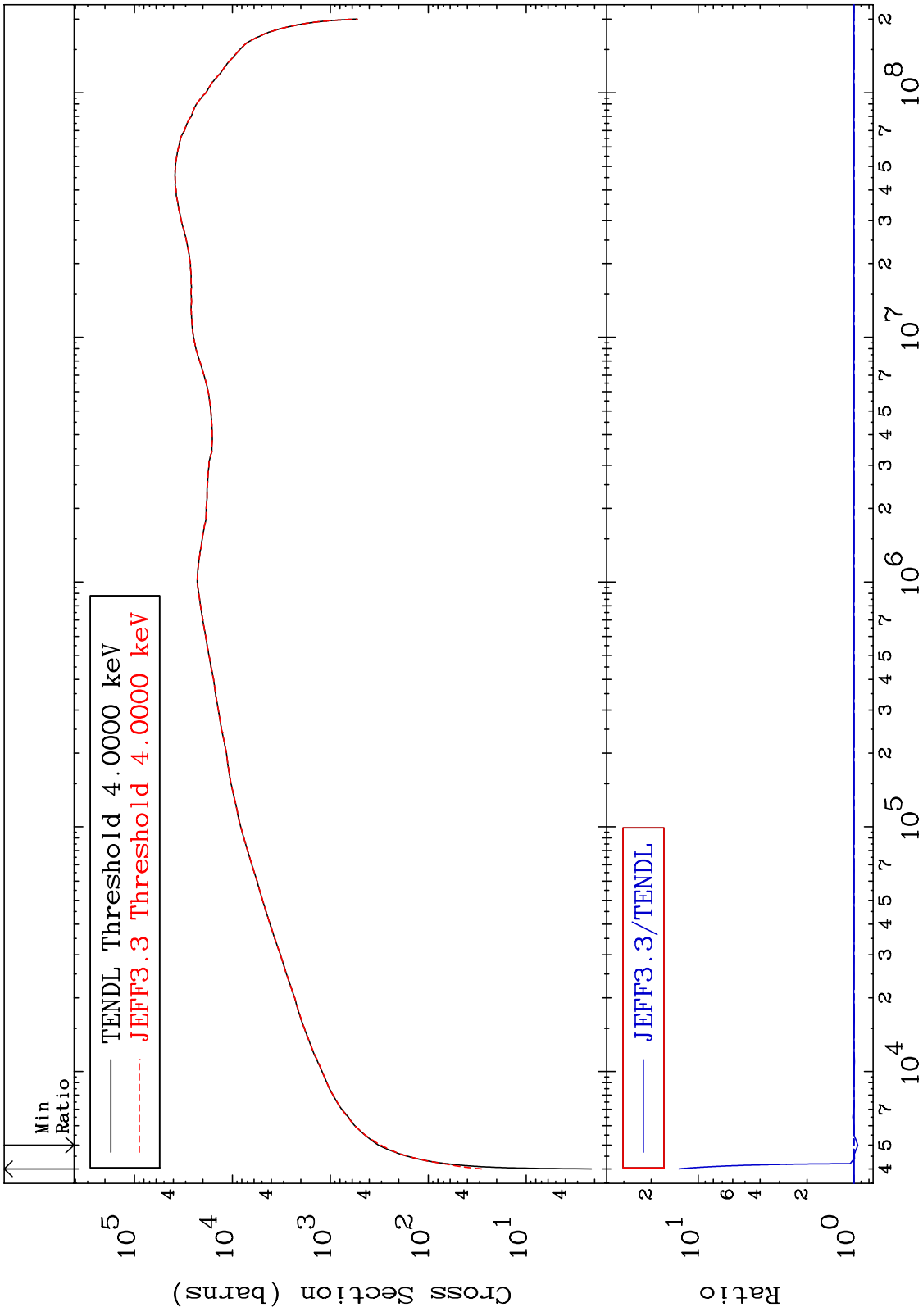


76

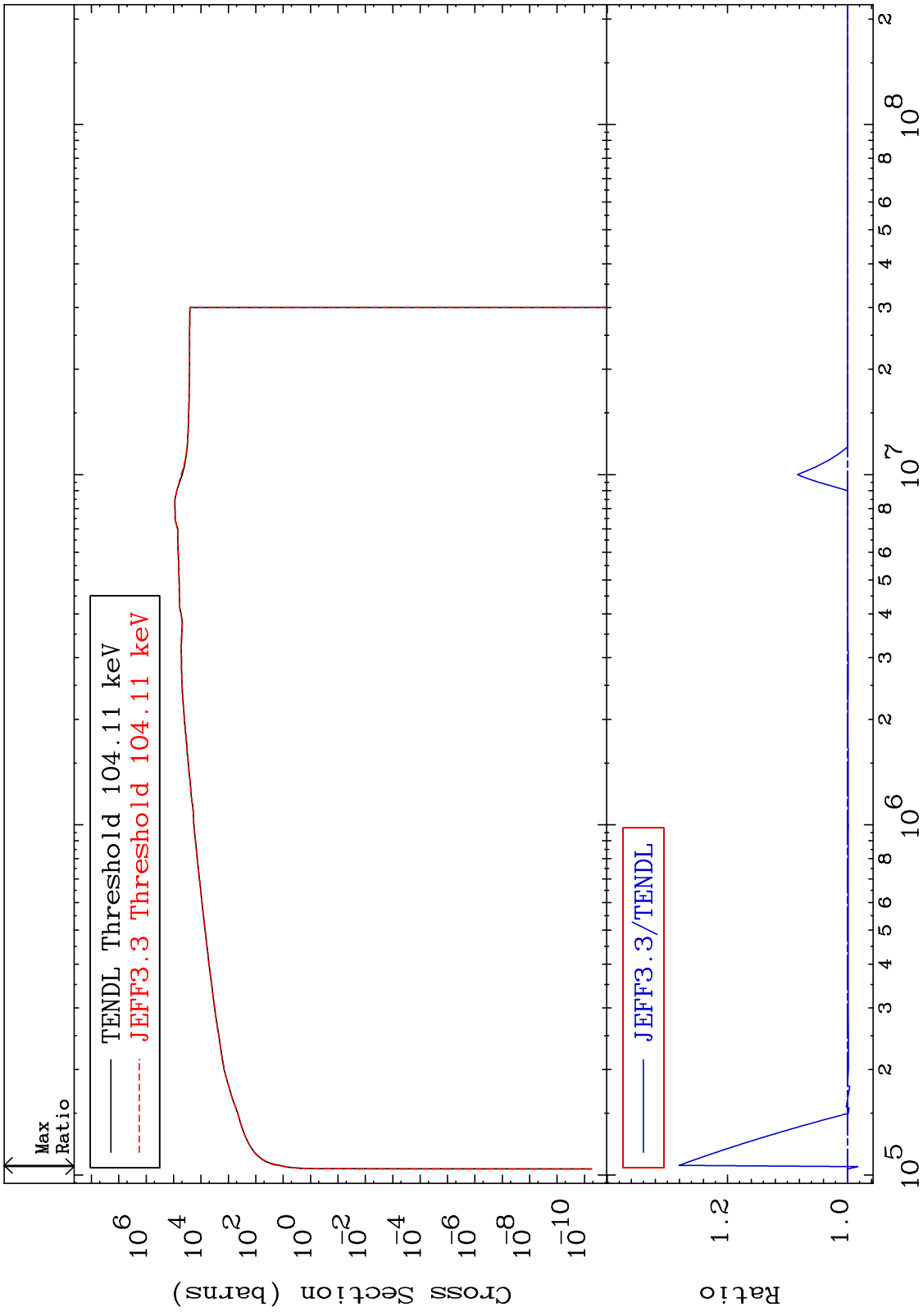
Incident Energy (eV)

74-W -180

MAT 7425 Dpa elastic (mt2) 74-W -180
 Cross Section -5.720 To 1226. %

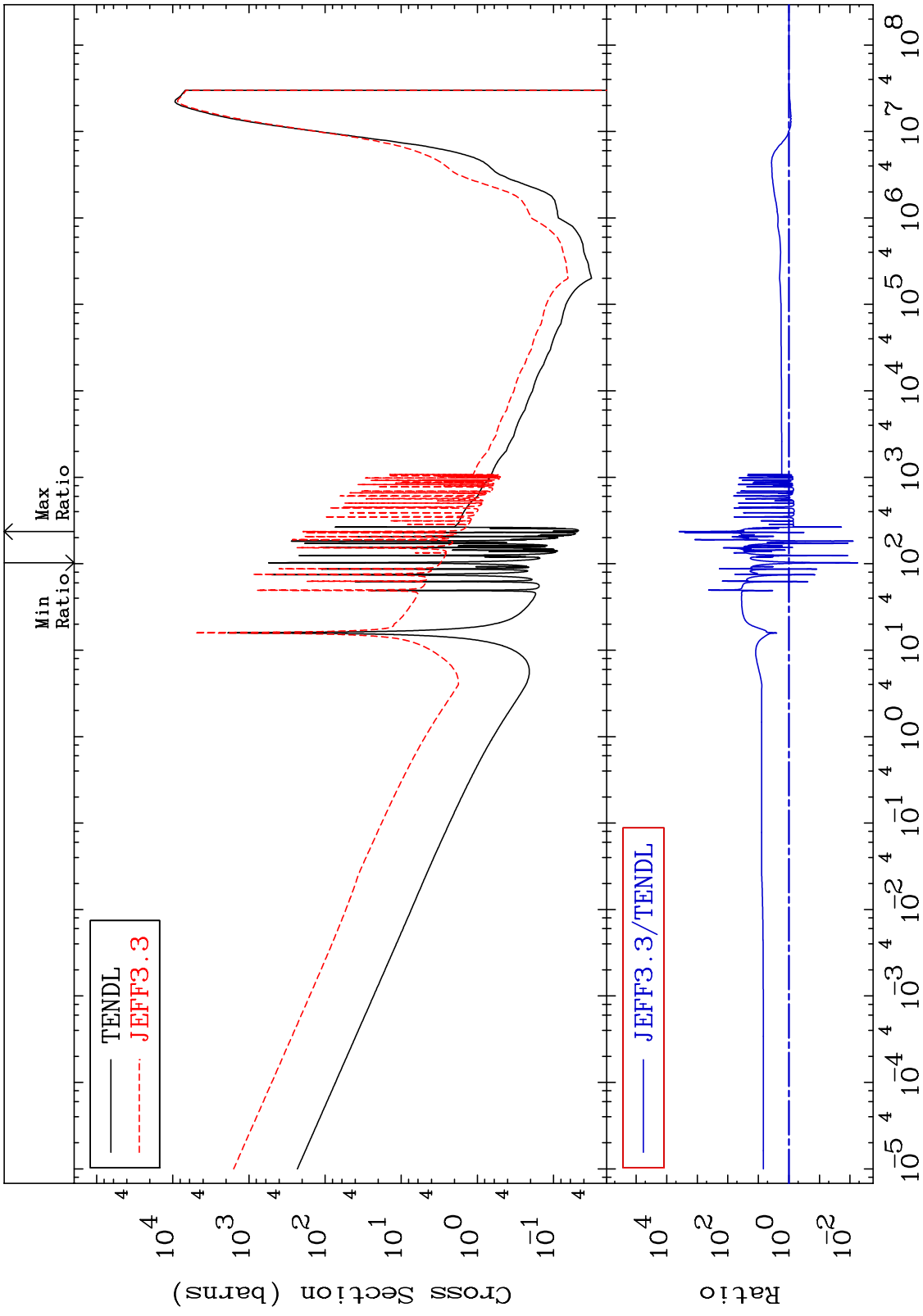


MAT 7425 Dpa inelastic (mt51-91) 74-W -180
 Cross Section -1.722 To 28.06 %



78 74-W -180

MAT 7425 Dpa disappearance (mt102 -120) 74-W -180
 -99.45 To 9999. %

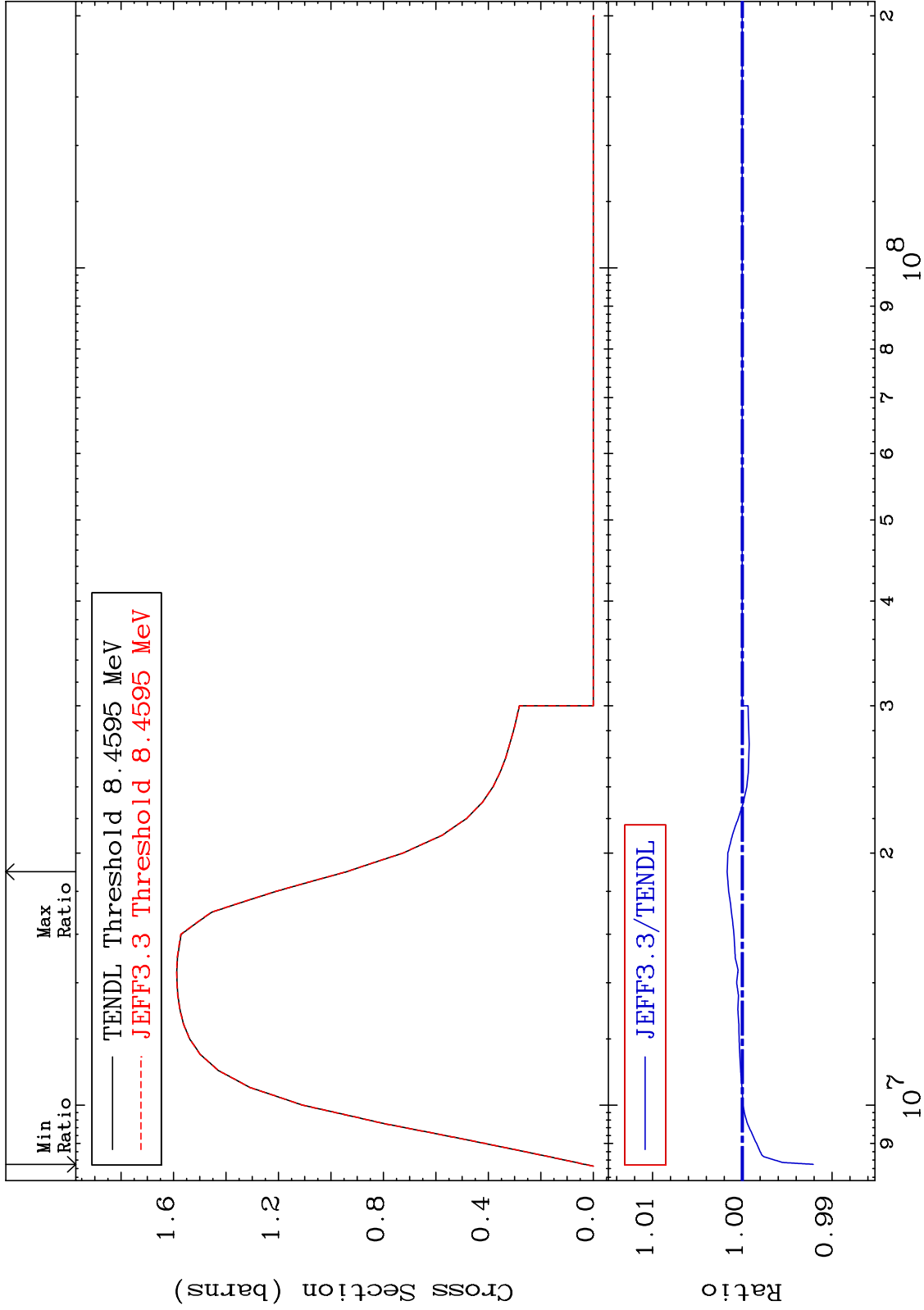


MAT 7425

(n,2n):74-W -179g

74-W -180

Radionuclide Production Cross Section -0.792 To 0.169 %

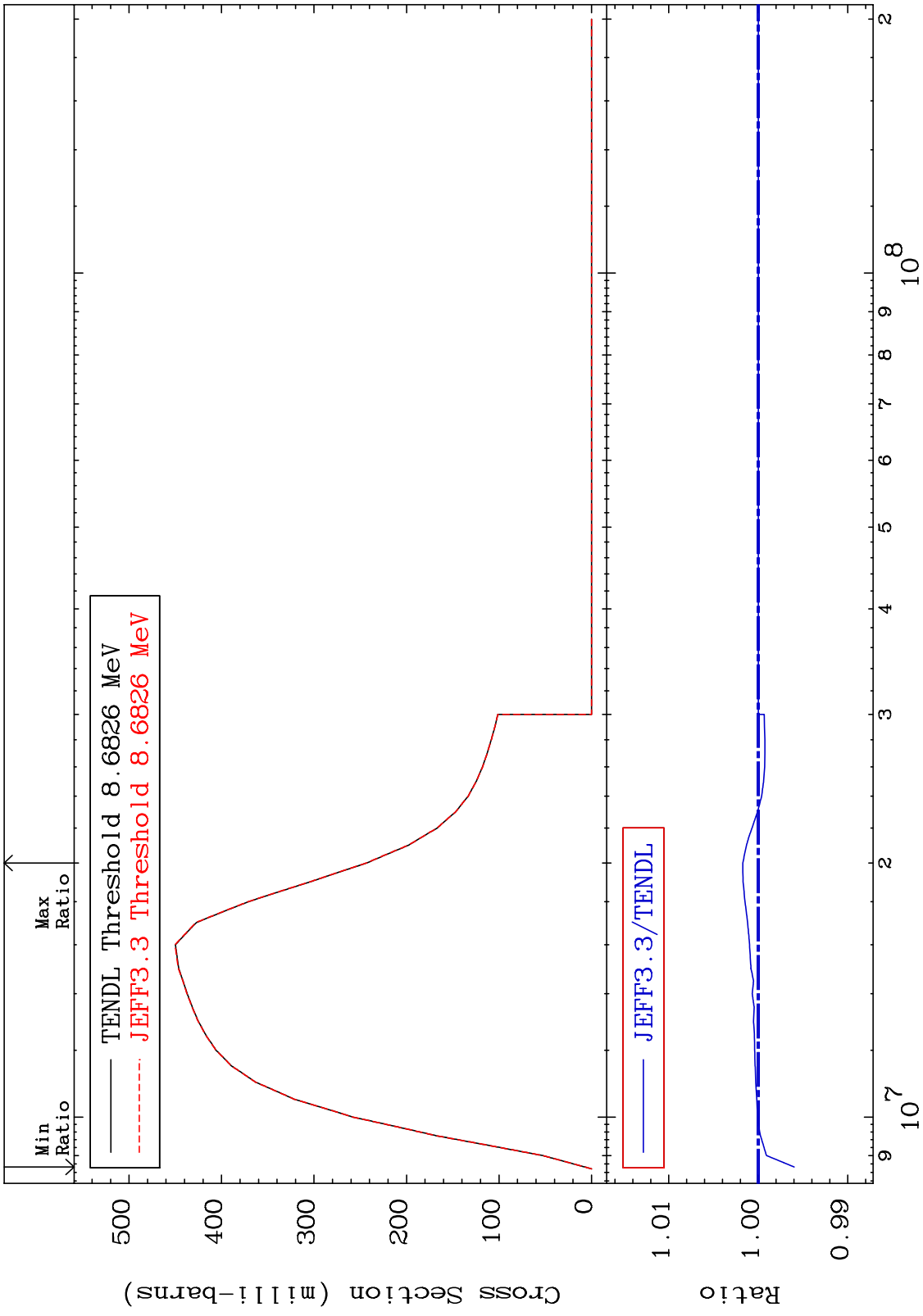


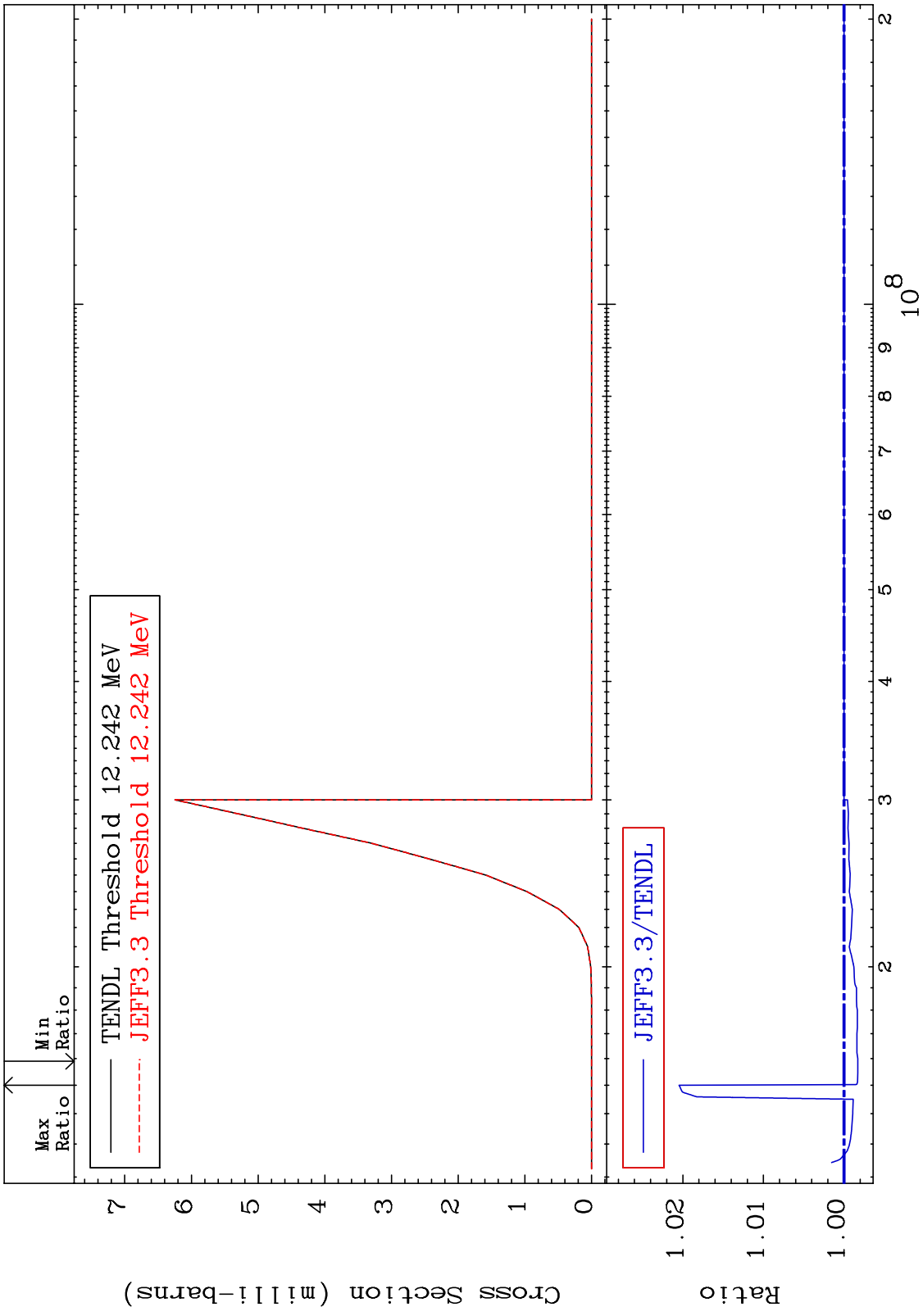
80

Incident Energy (eV)

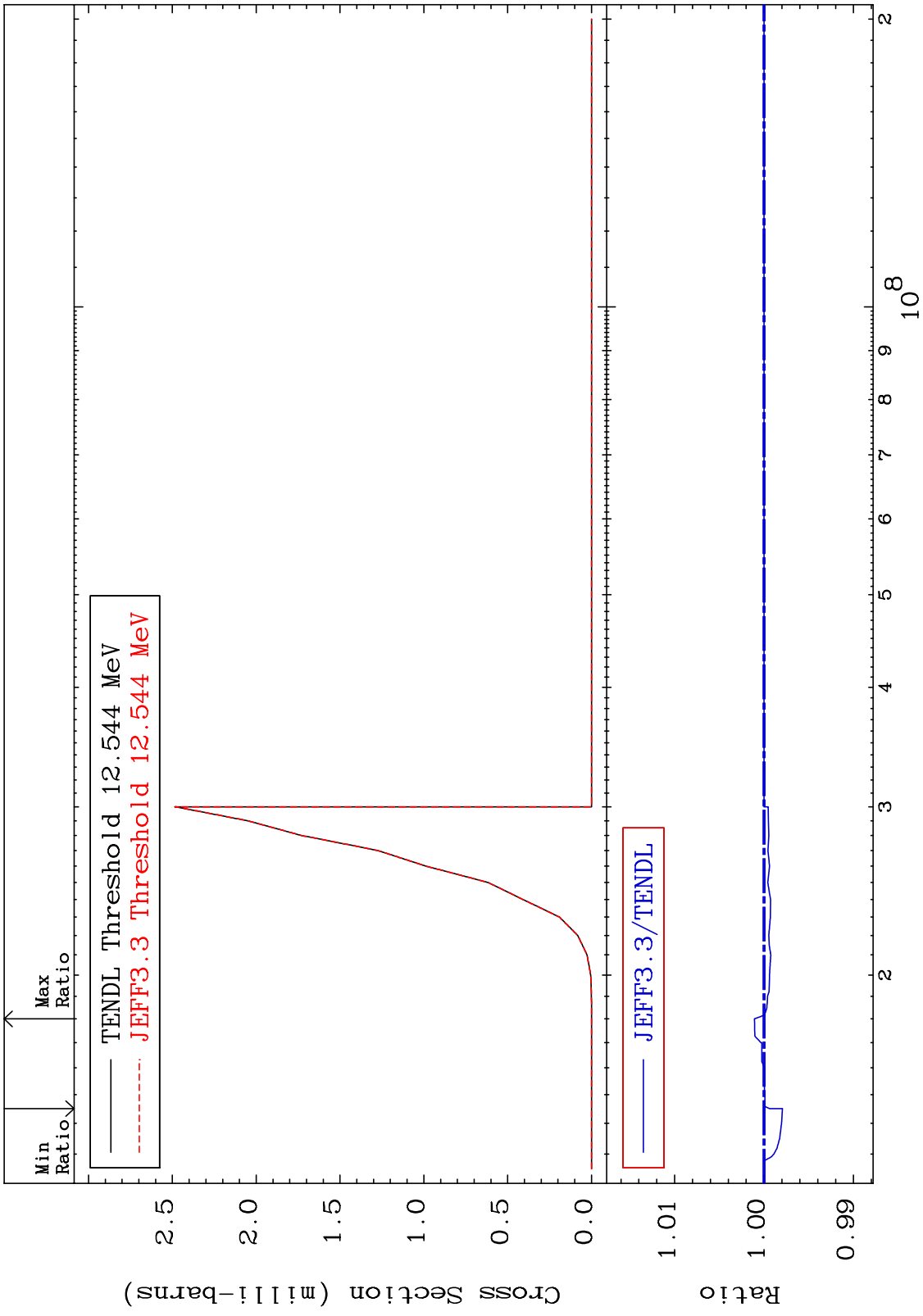
74-W -180

MAT 7425 (n,2n):74-W -179m2 74-W -180
 Radionuclide Production Cross Section -0.401 To 0.172 %



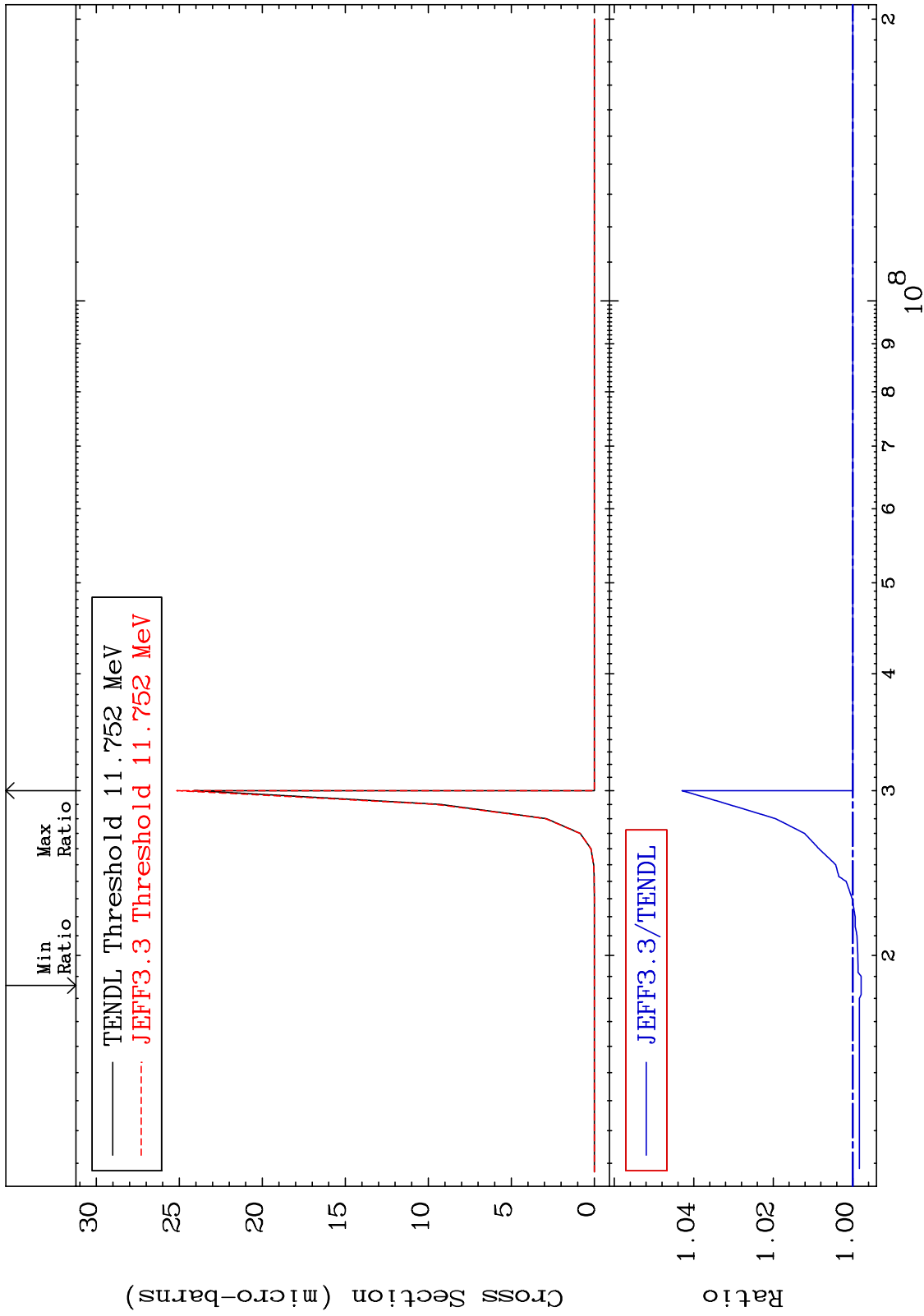


MAT 7425 (n,n') d:73-Ta-178m1 74-W -180
 Radionuclide Production Cross Section -0.205 To 0.107 %



MAT 7425

(n, n') He-3:72-Hf-177g 74-W -180
Radionuclide Production Cross Section -0.213 To 4.296 %

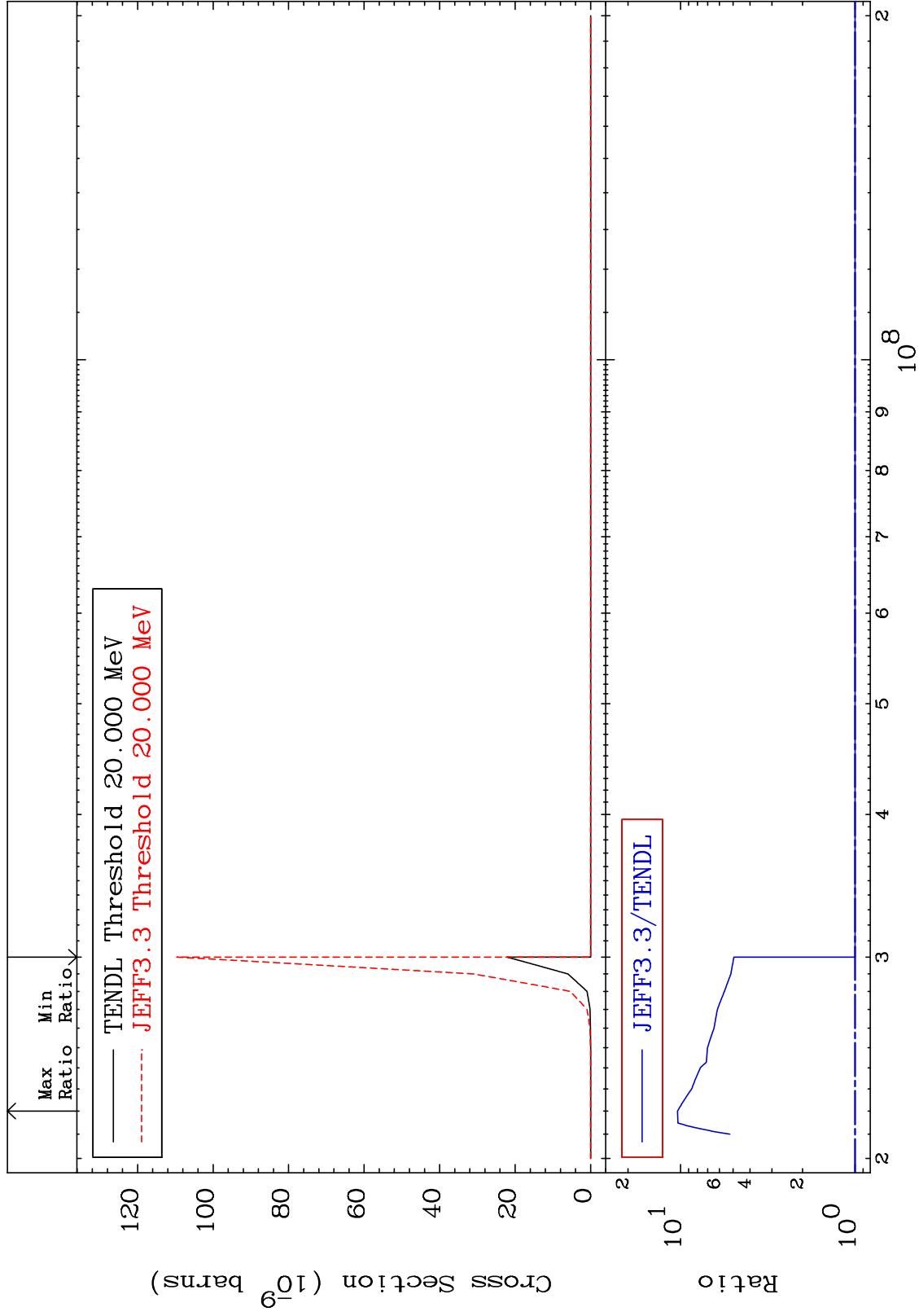


MAT 7425

(n, n') He-3:72-Hf-177m10

74-W -180

Radionuclide Production Cross Section 0.000 To 940.4 %



85

Incident Energy (eV)

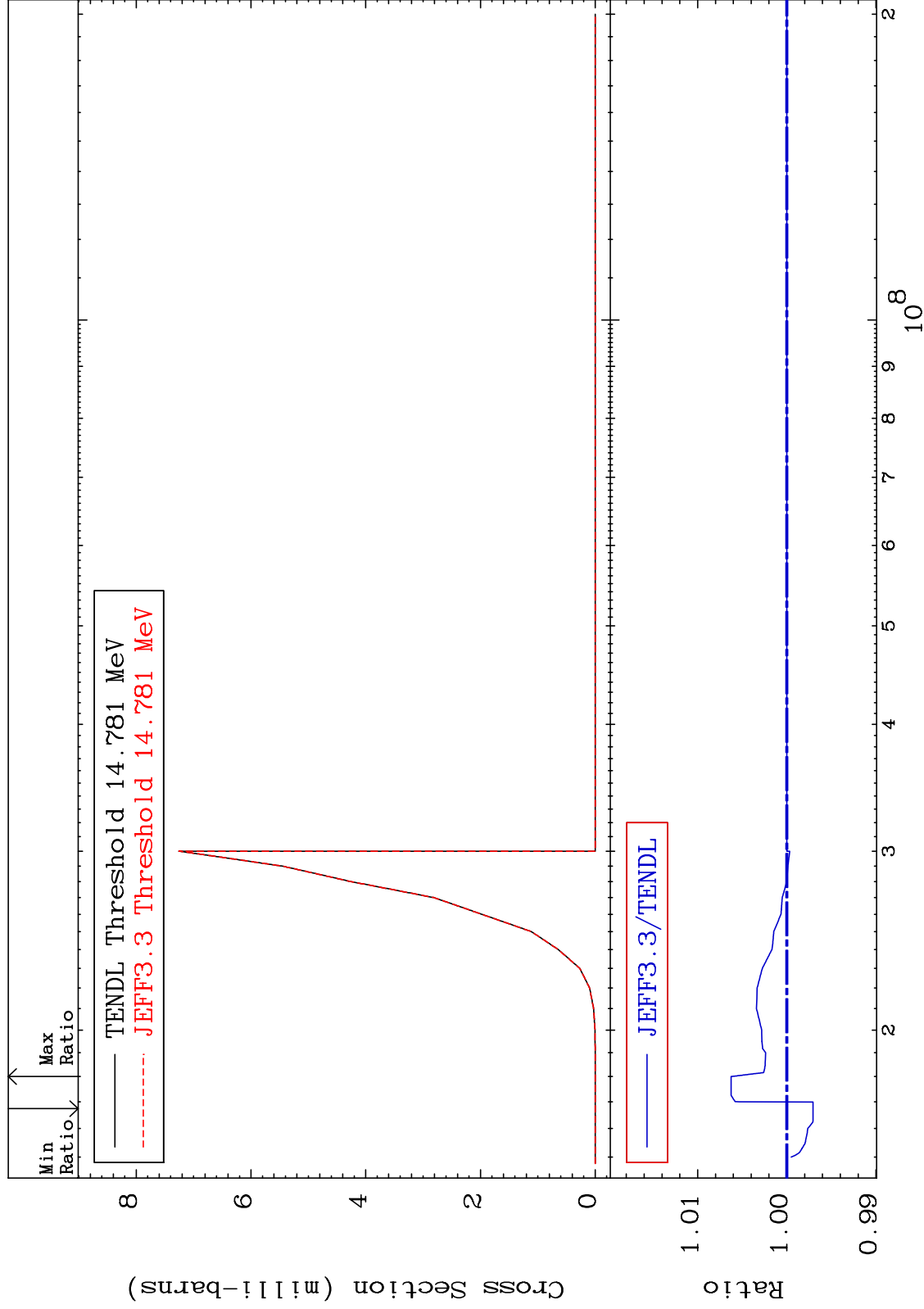
74-W -180

MAT 7425

(n,2n) p:73-Ta-178m1

74-W -180

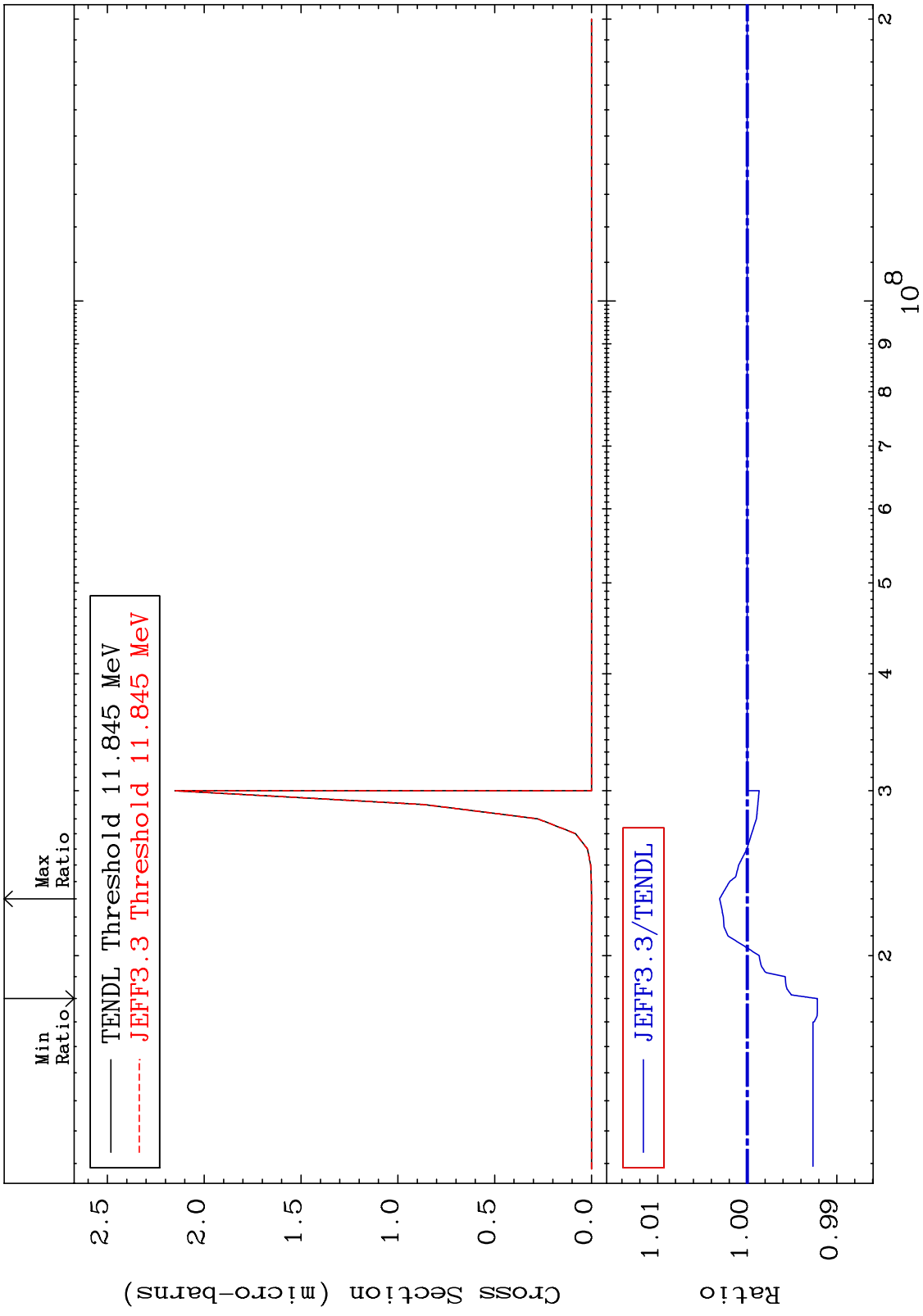
Radionuclide Production Cross Section -0.294 To 0.626 %

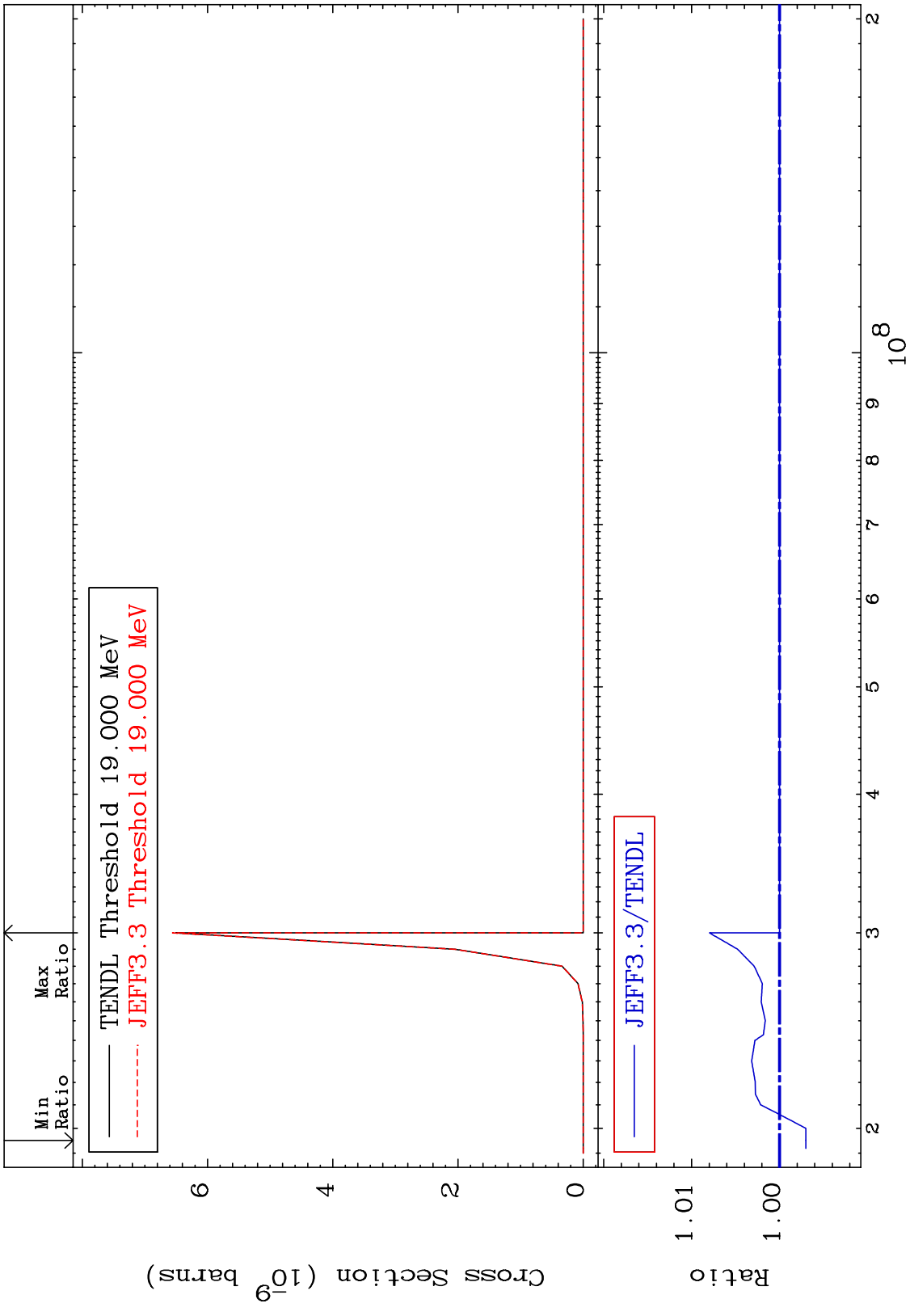


87

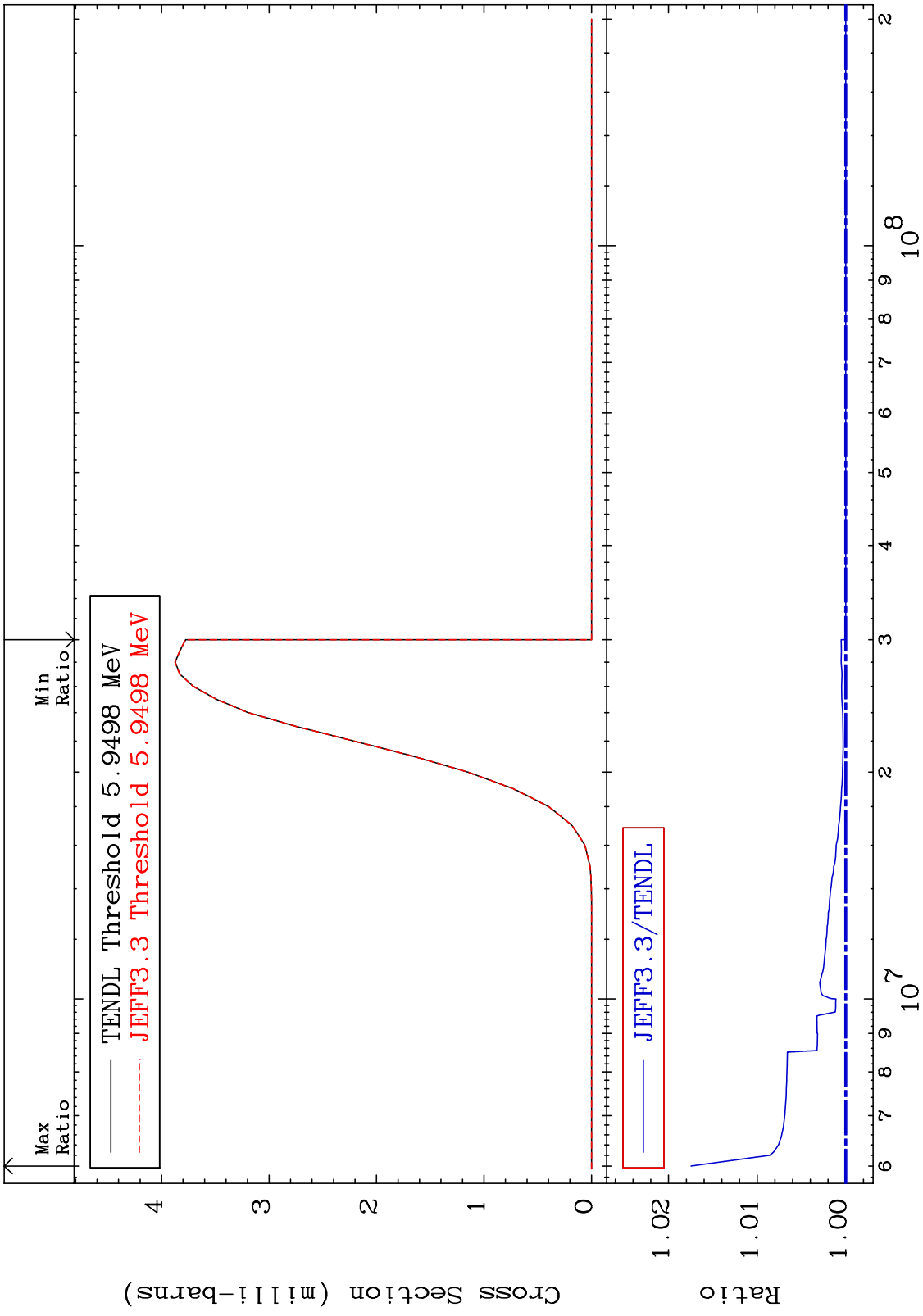
Incident Energy (eV)

74-W -180

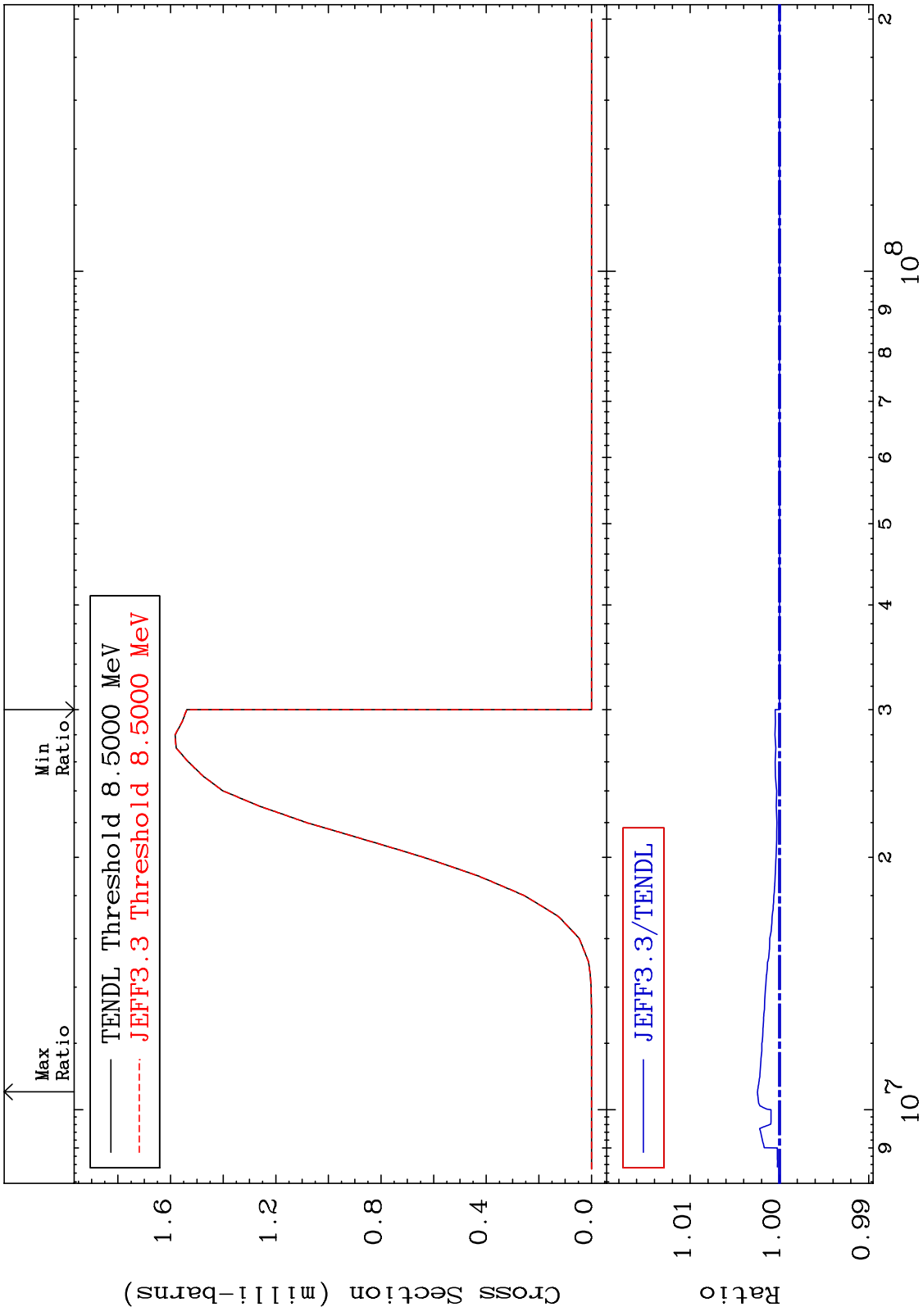




MAT 7425 (n,t):73-Ta-178g 74-W -180
 Radionuclide Production Cross Section 0.000 To 1.747 %

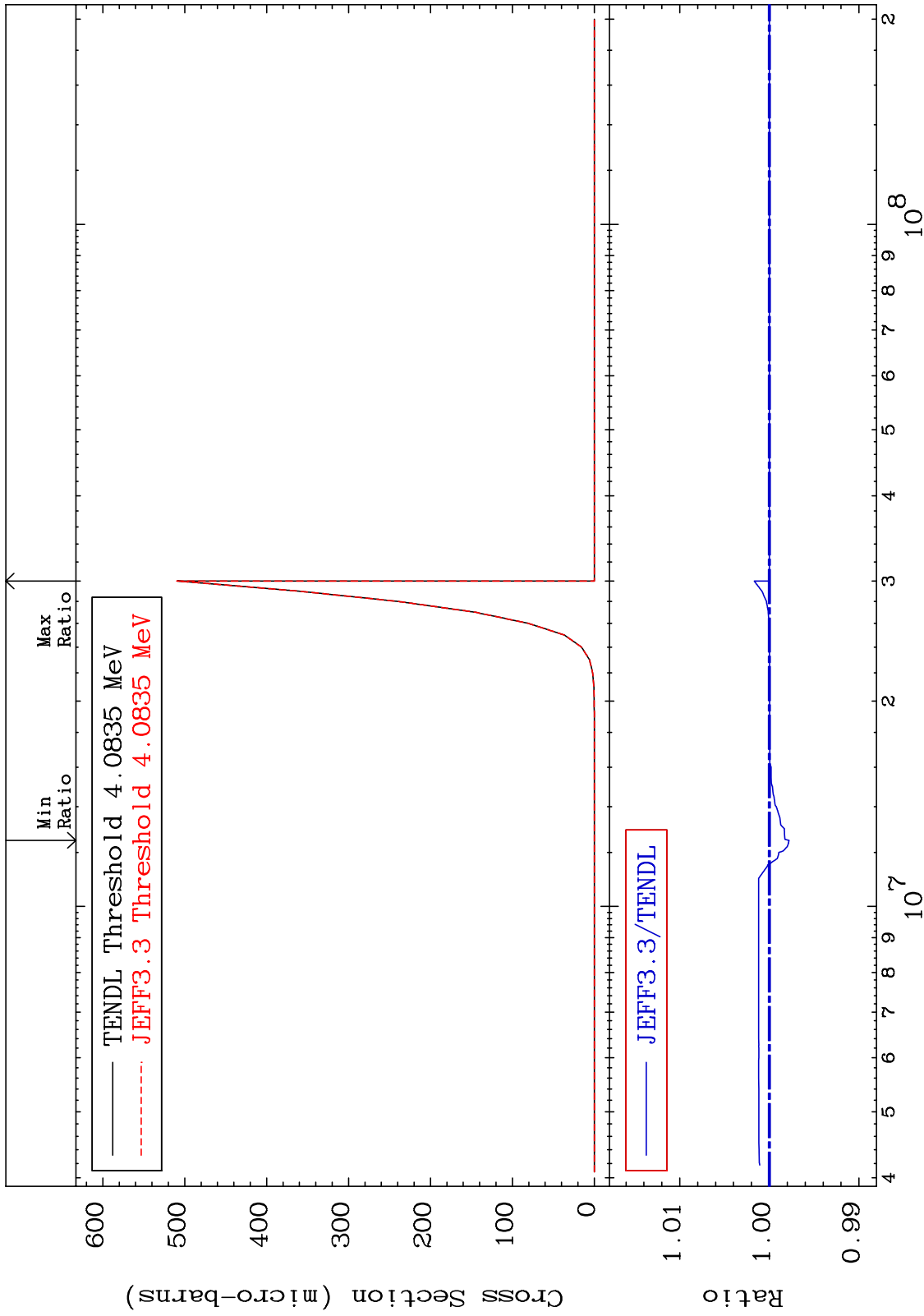


MAT 7425 (n, t): 73-Ta-178m1 74-W -180
 Radionuclide Production Cross Section 0.000 To 0.247 %



MAT 7425

(n, He-3) : 72-Hf-178g 74-W -180
Radionuclide Production Cross Section -0.219 To 0.170 %



92

Incident Energy (eV)

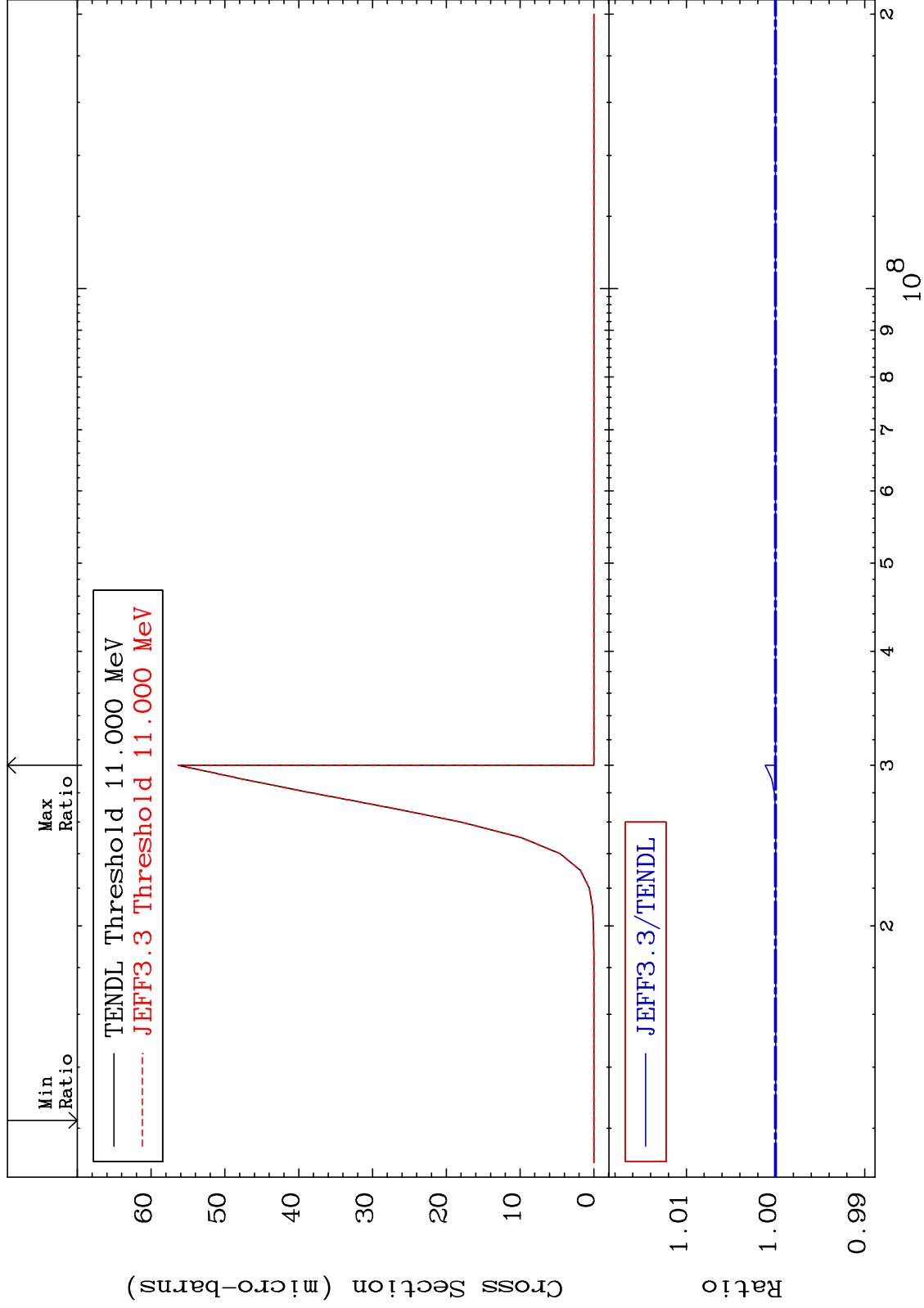
74-W -180

MAT 7425

(n,He-3):72-Hf-178m5

74-W -180

Radionuclide Production Cross Section -0.002 To 0.115 %



93

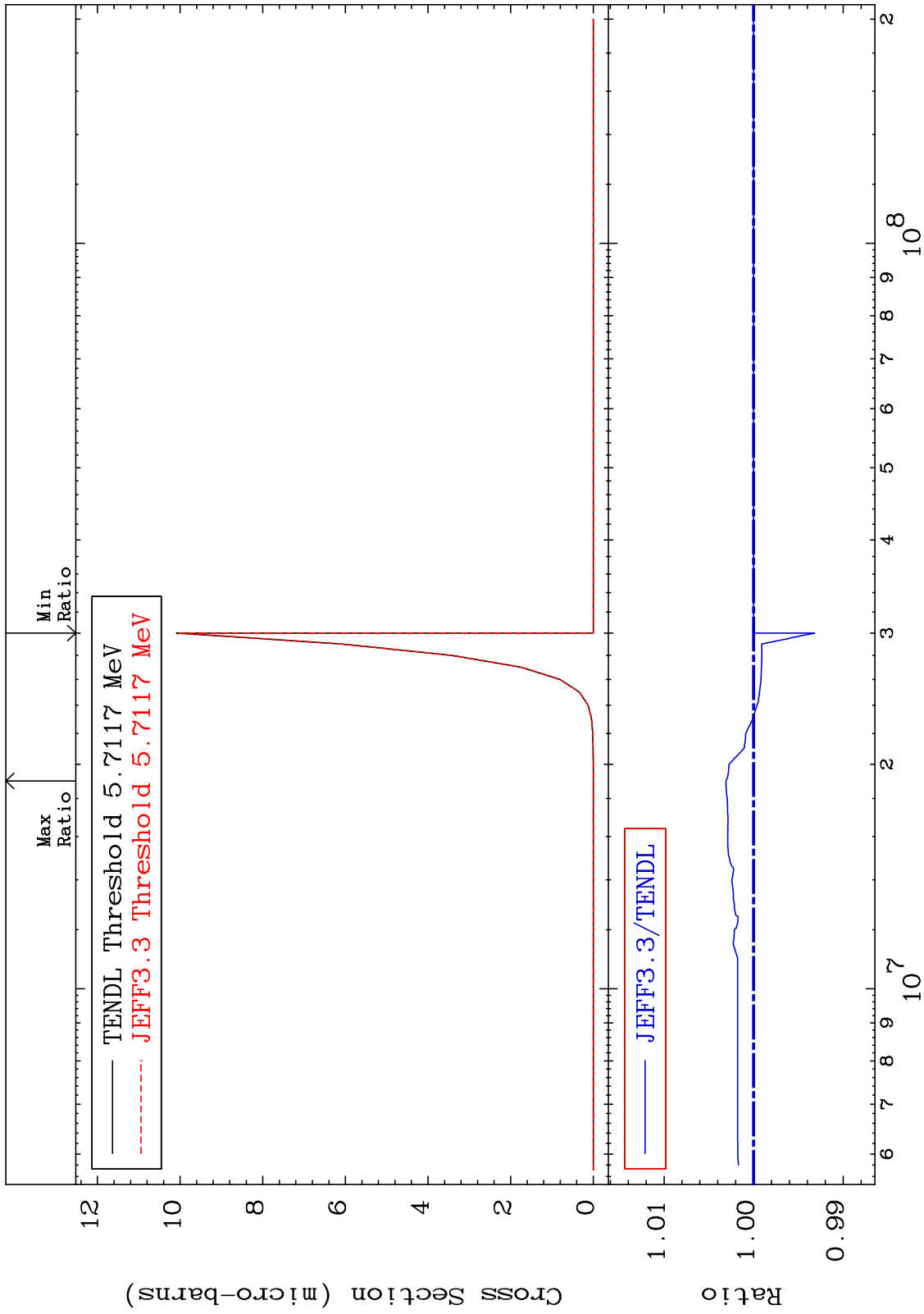
Incident Energy (eV)

74-W -180

MAT 7425

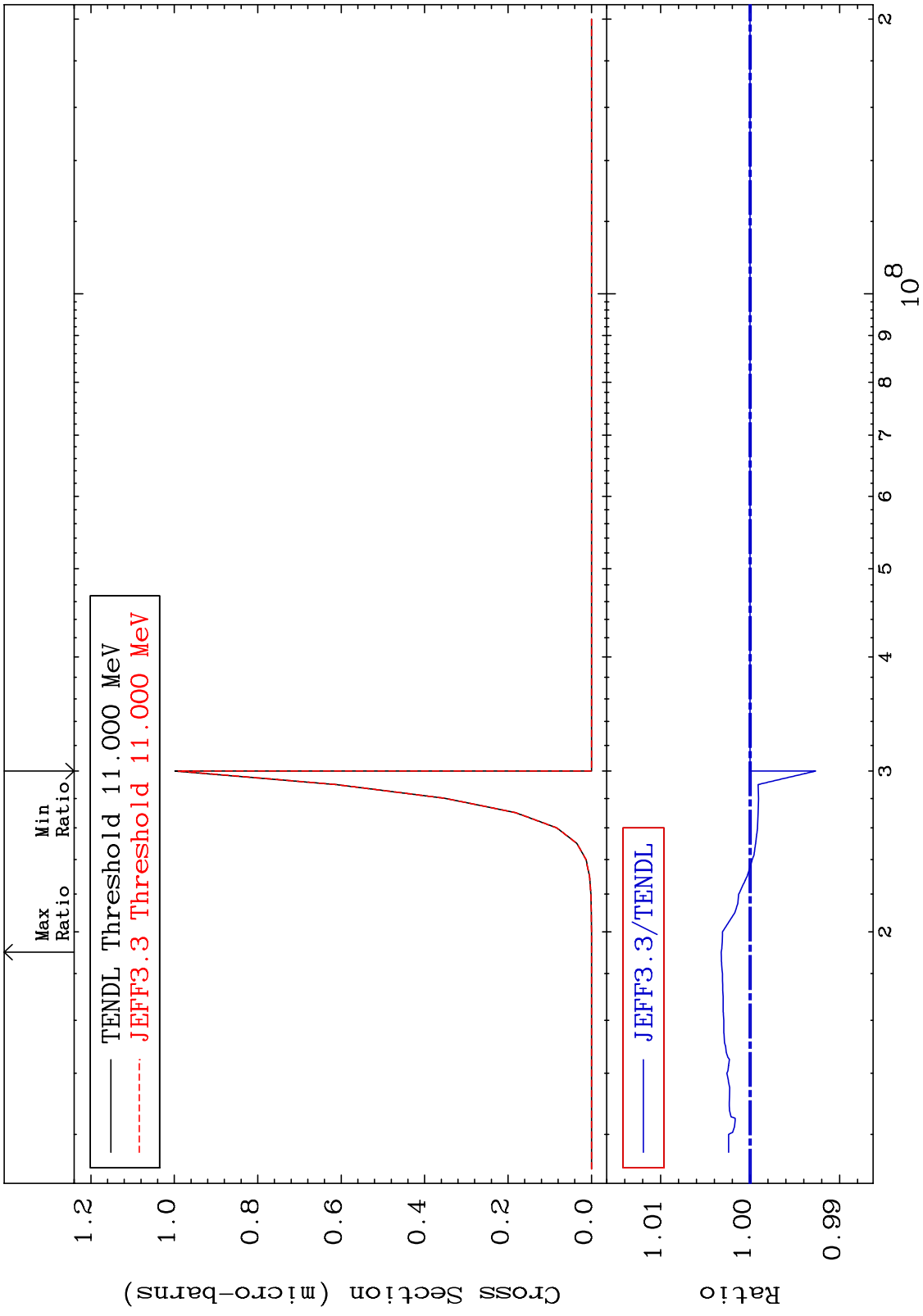
(n,2p):72-Hf-179g
Radionuclide Production Cross Section -0.680 To 0.309 %

74-W -180



94

MAT 7425 (n,2p):72-Hf-179m5 74-W -180
 Radionuclide Production Cross Section -0.732 To 0.323 %

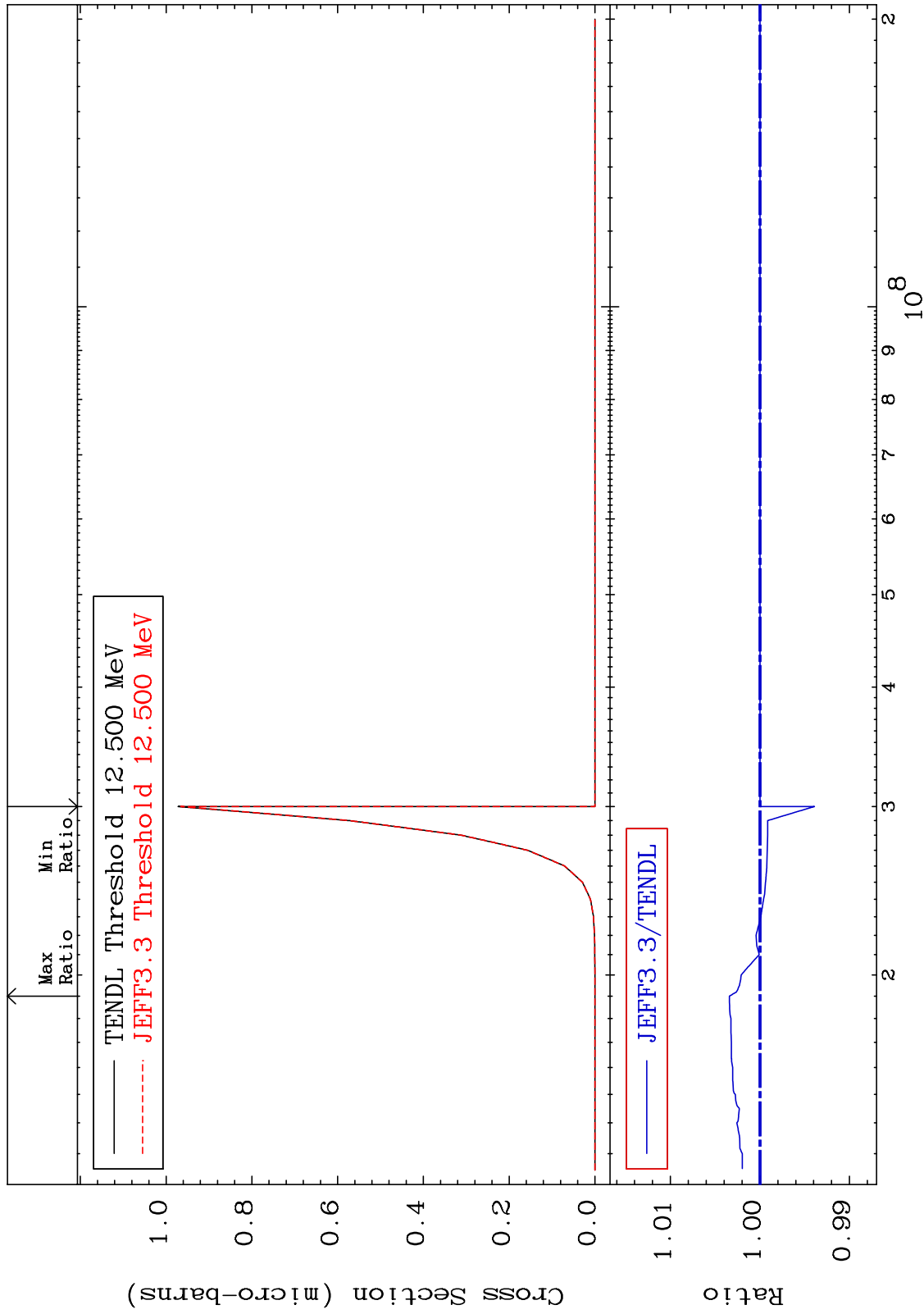


MAT 7425

(n,2p):72-Hf-179m10

74-W -180

Radionuclide Production Cross Section -0.608 To 0.342 %

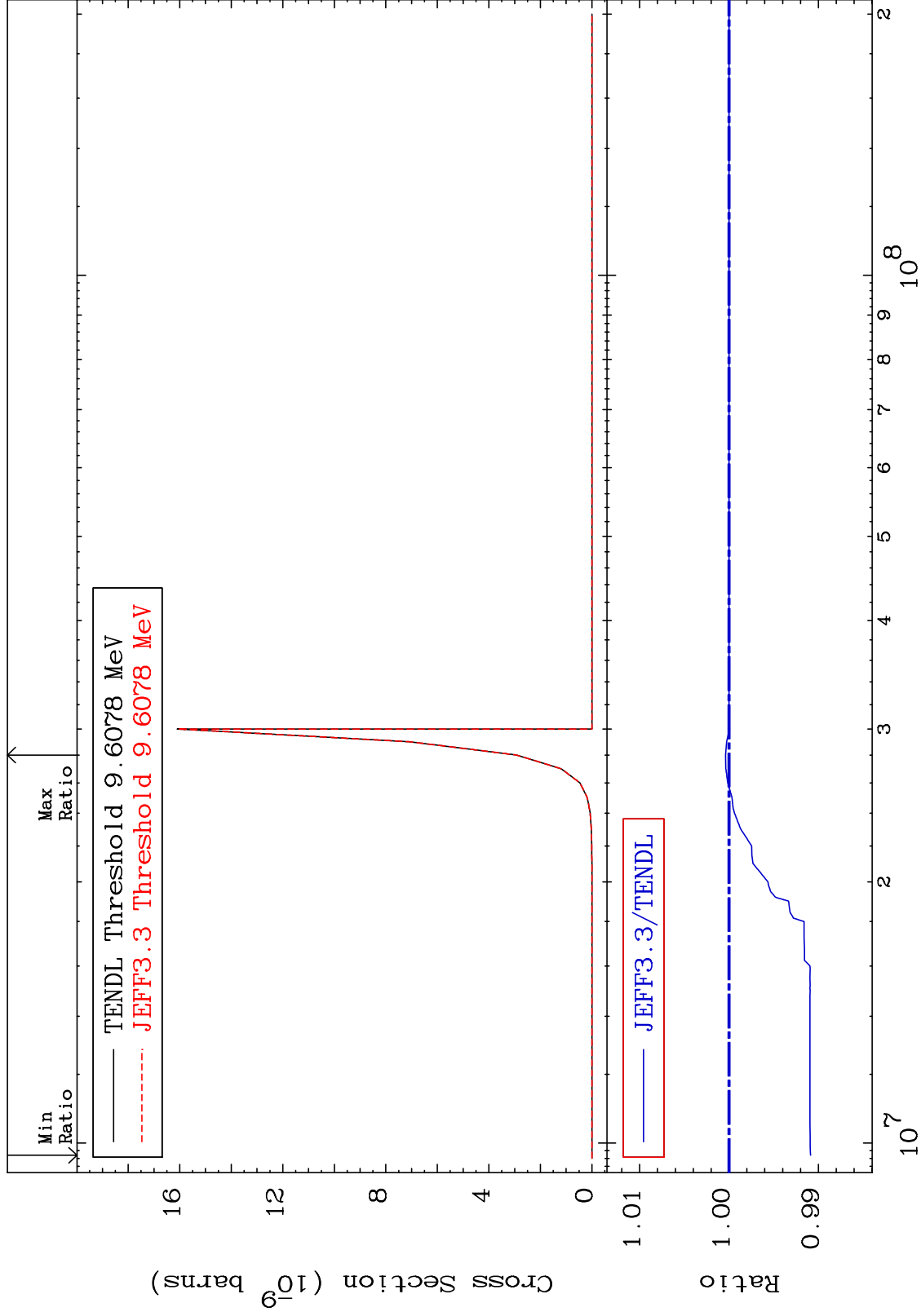


MAT 7425

(n,p) d:72-Hf-178g

74-W -180

Radionuclide Production Cross Section -0.912 To 0.039 %



97

Incident Energy (eV)

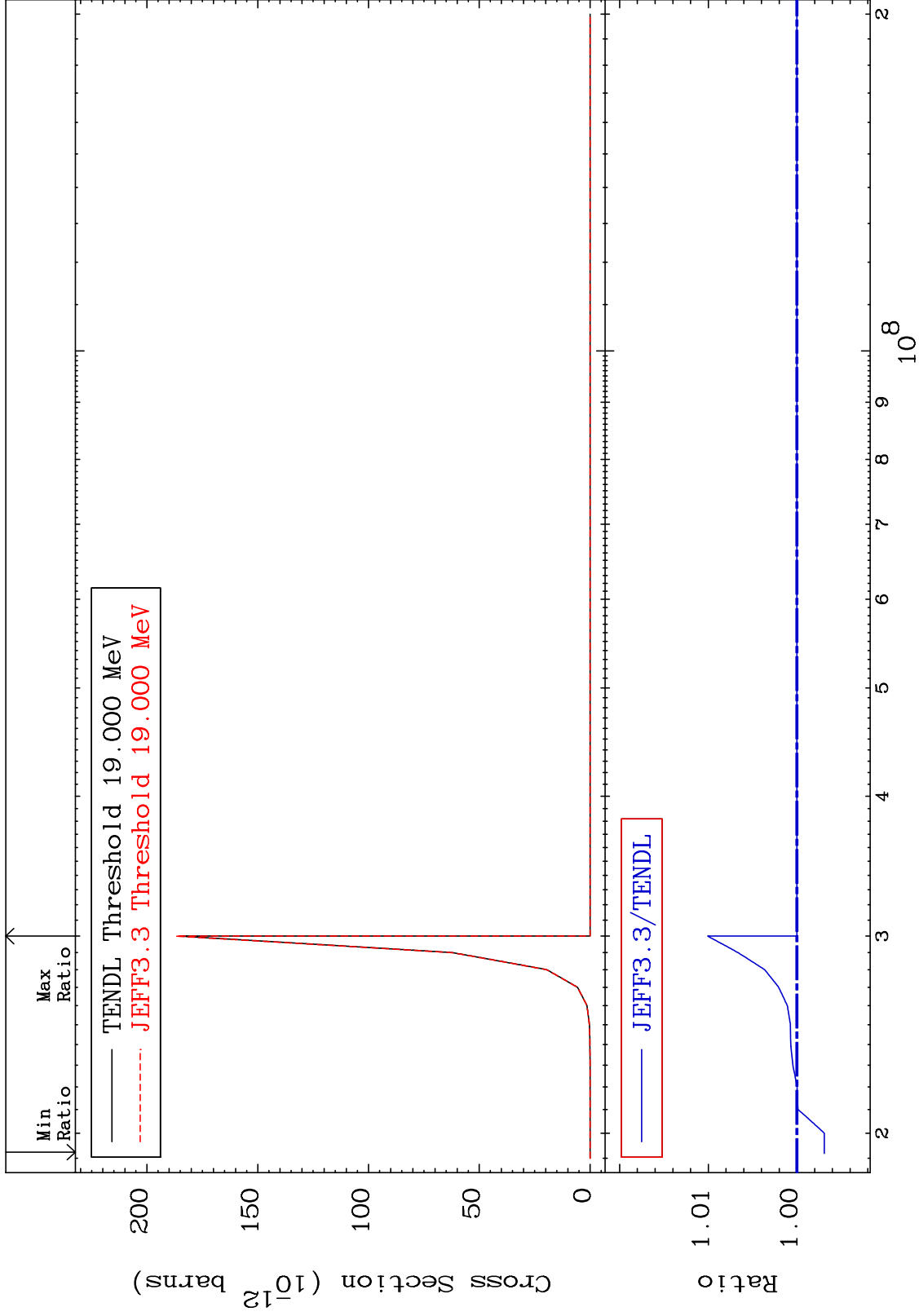
74-W -180

MAT 7425

(n,p) d:72-Hf-178m5

74-W -180

Radionuclide Production Cross Section -0.310 To 1.006 %

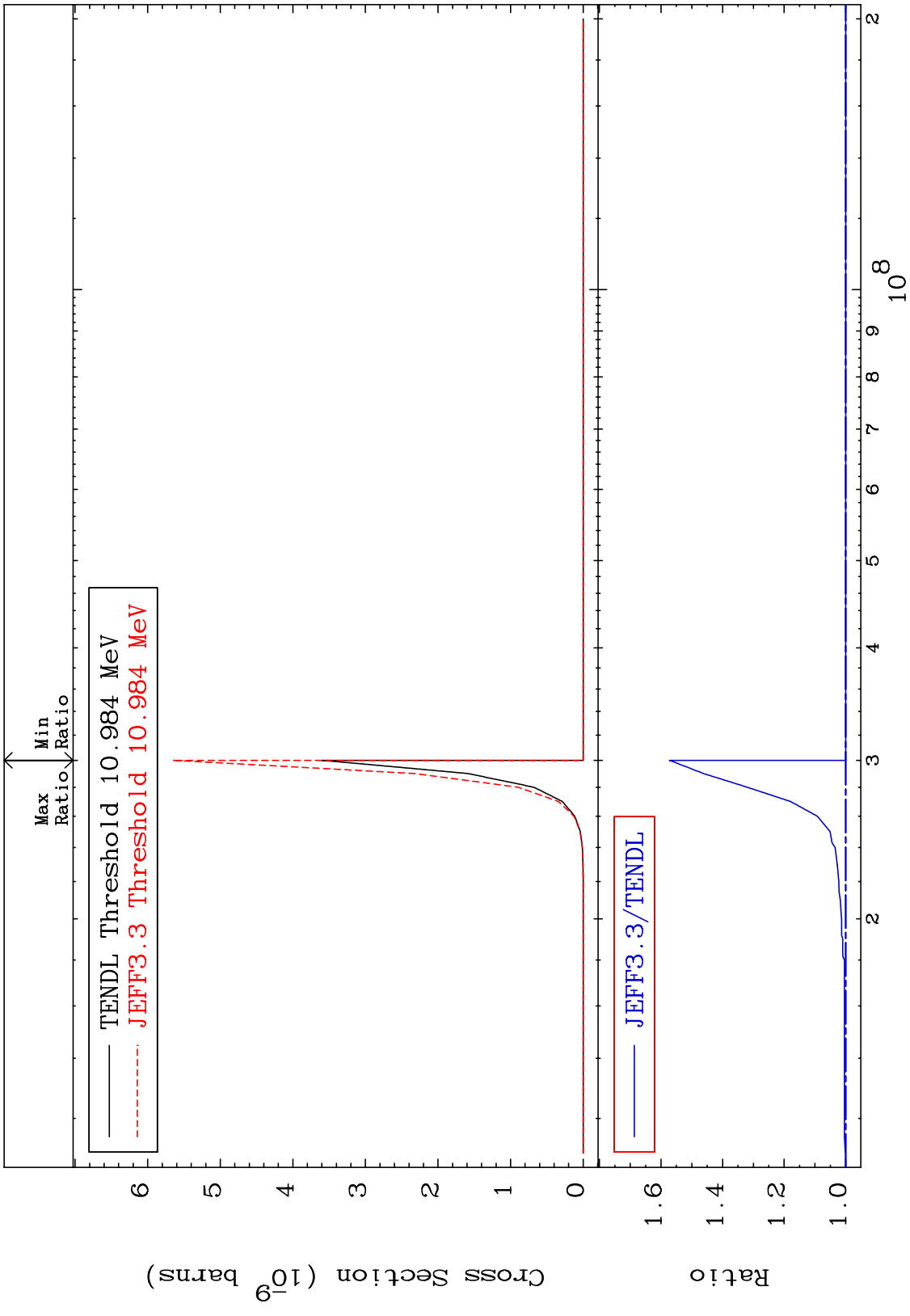


98

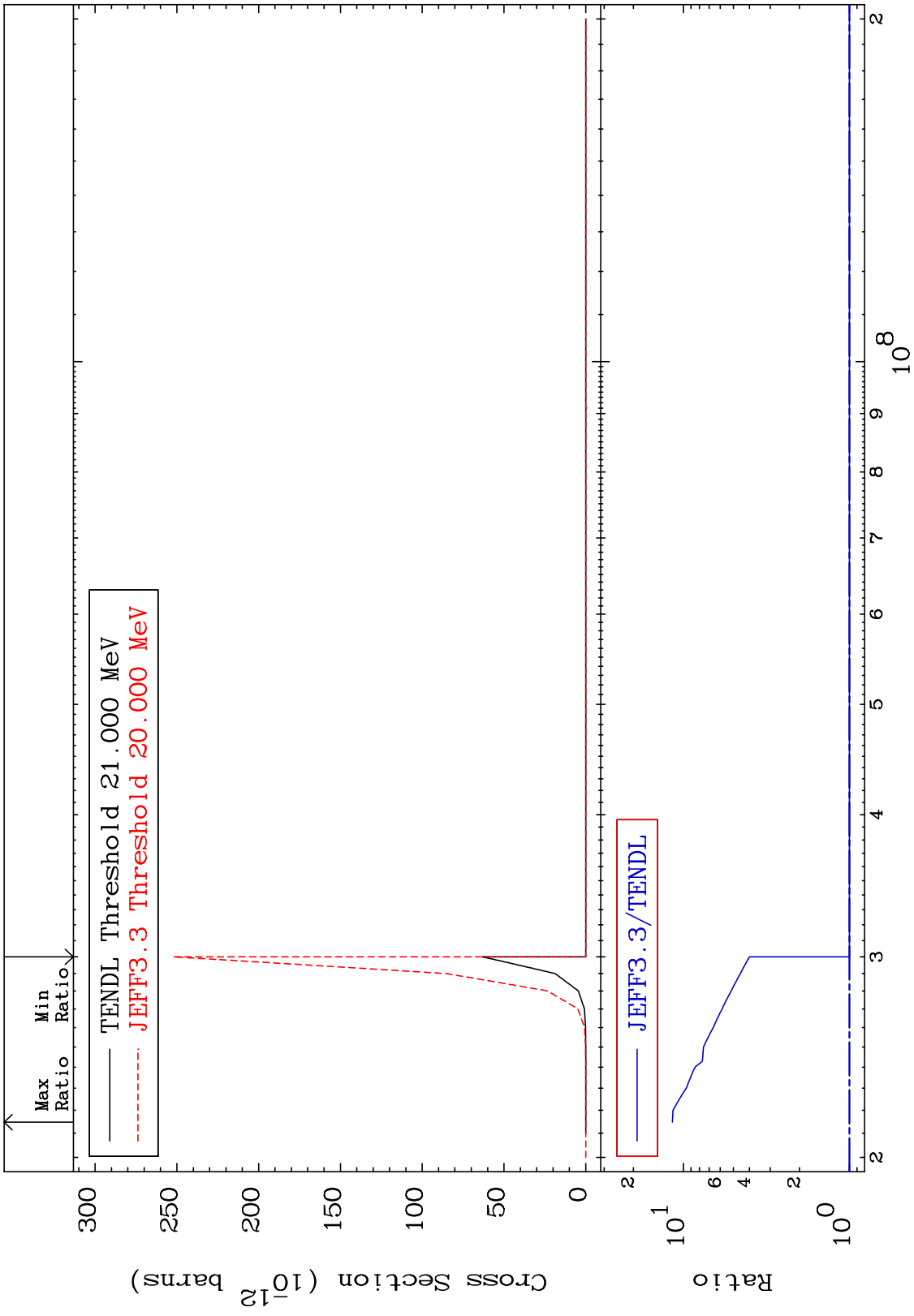
Incident Energy (eV)

74-W -180

MAT 7425 (n,p) t:72-Hf-177g 74-W -180
 Radionuclide Production Cross Section 0.000 To 57.25 %



MAT 7425 (n,p) t:72-Hf-177m10 74-W -180
 Radionuclide Production Cross Section 0.000 To 1064. %



100 74-W -180