

Program Complot
(Version 2021-1)

by

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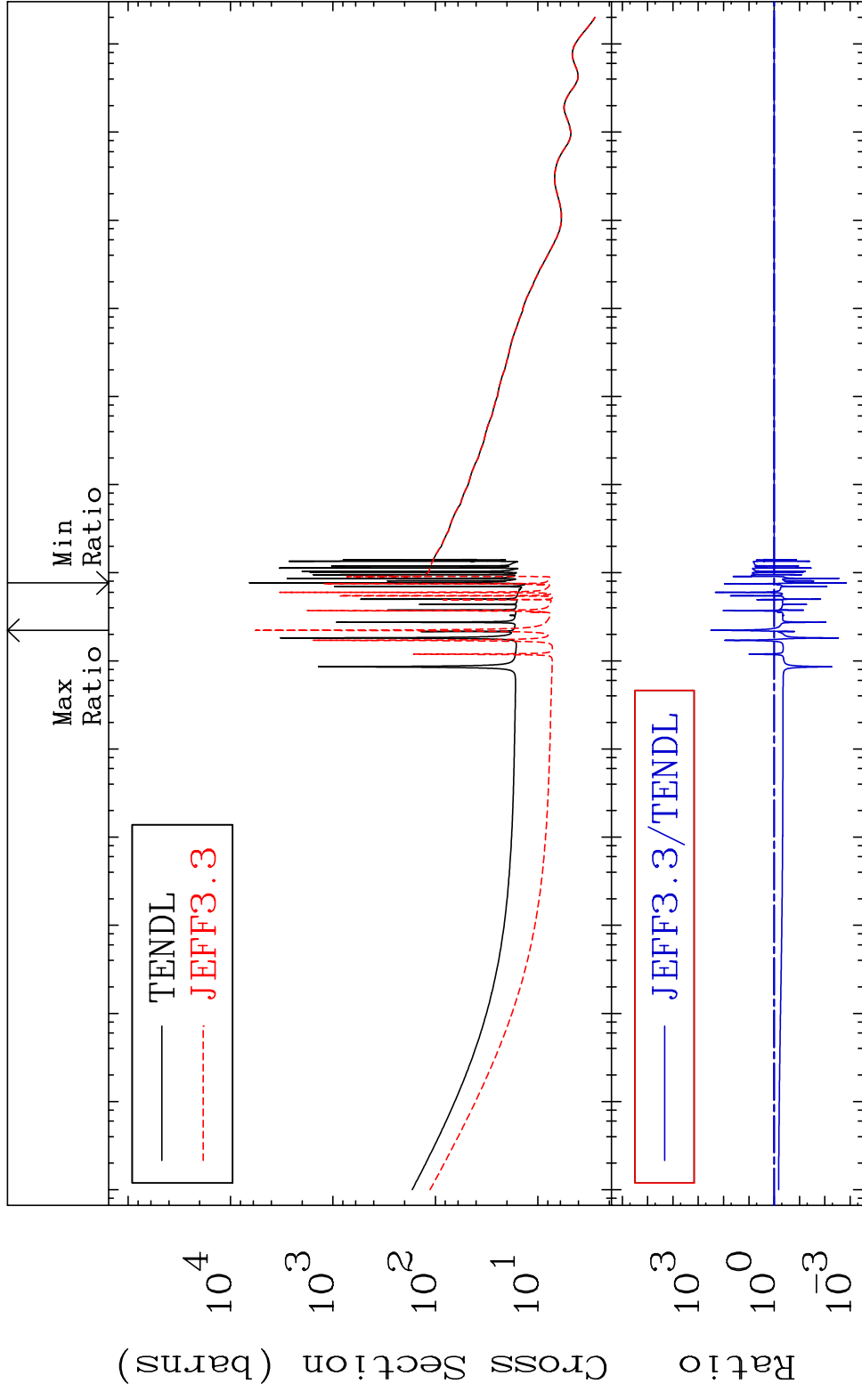
Press Mouse Button to Start

MAT 7440

Total

Cross Section

74-W -185
-99.86 To 9999. %



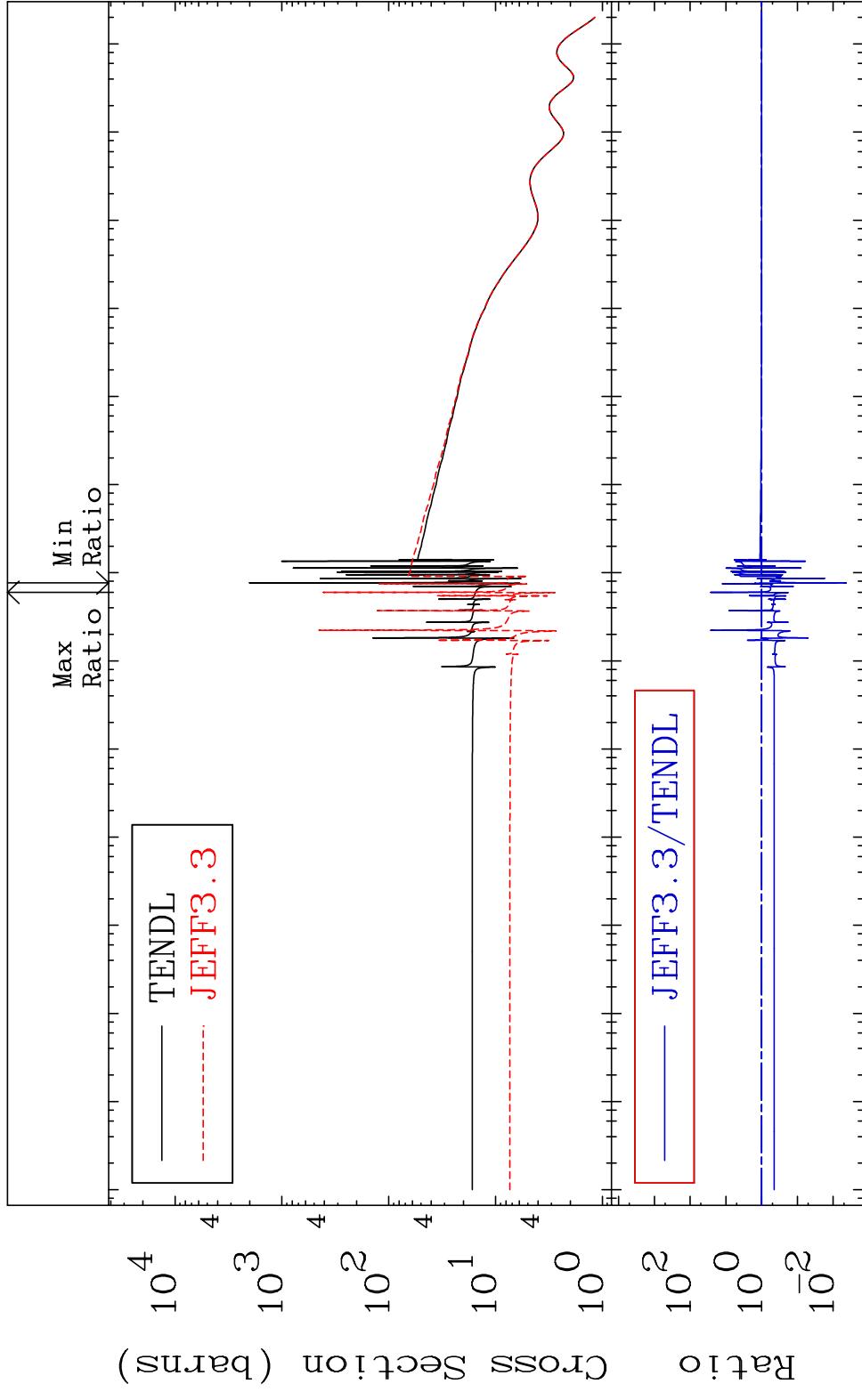
1

Incident Energy (eV)

74-W -185

MAT 7440

Elastic Cross Section -99.57 To 2556. %
74-W -185



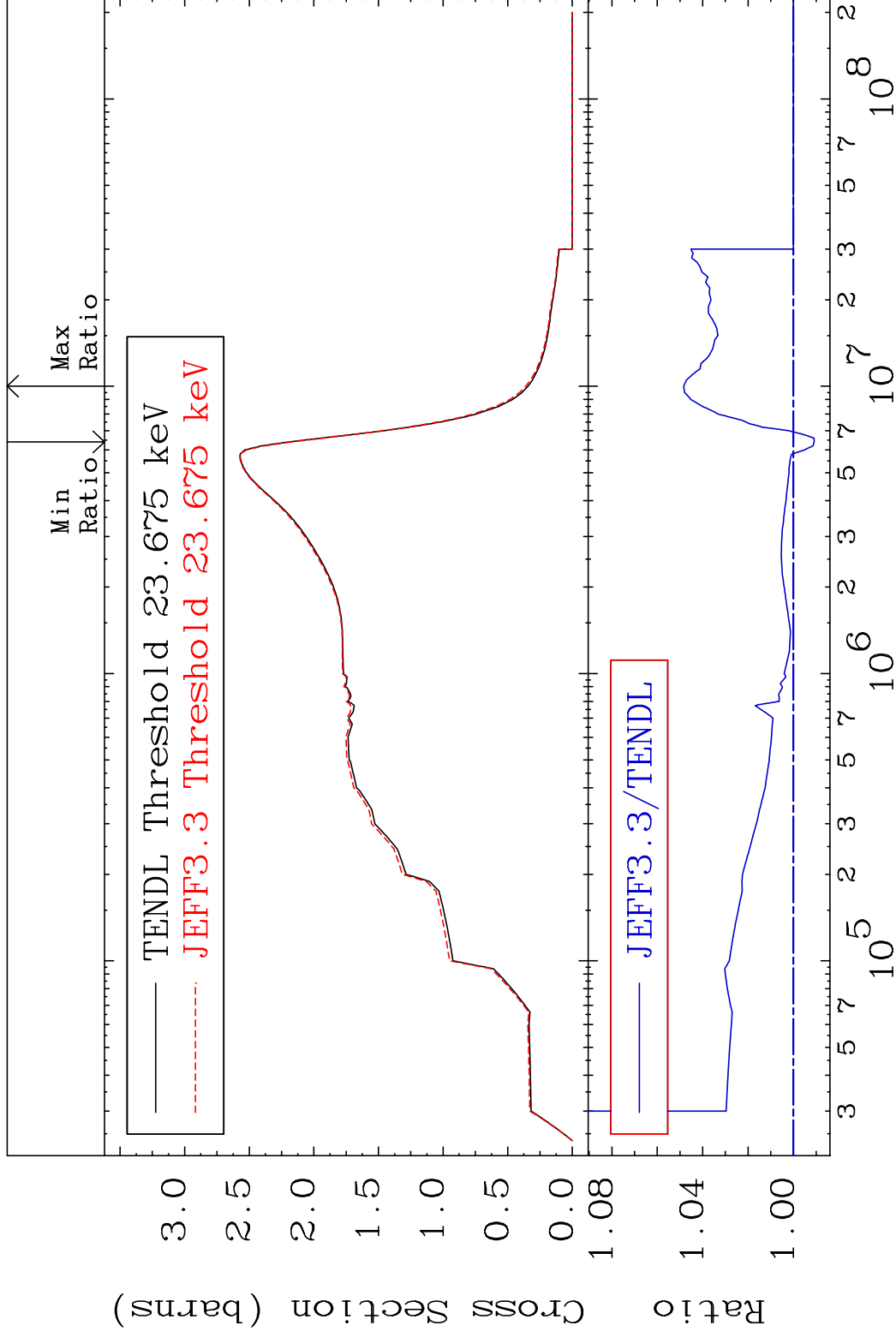
Incident Energy (eV) 74-W -185

MAT 7440

Inelastic

74-W -185

Cross Section -0.909 To 4.837 %

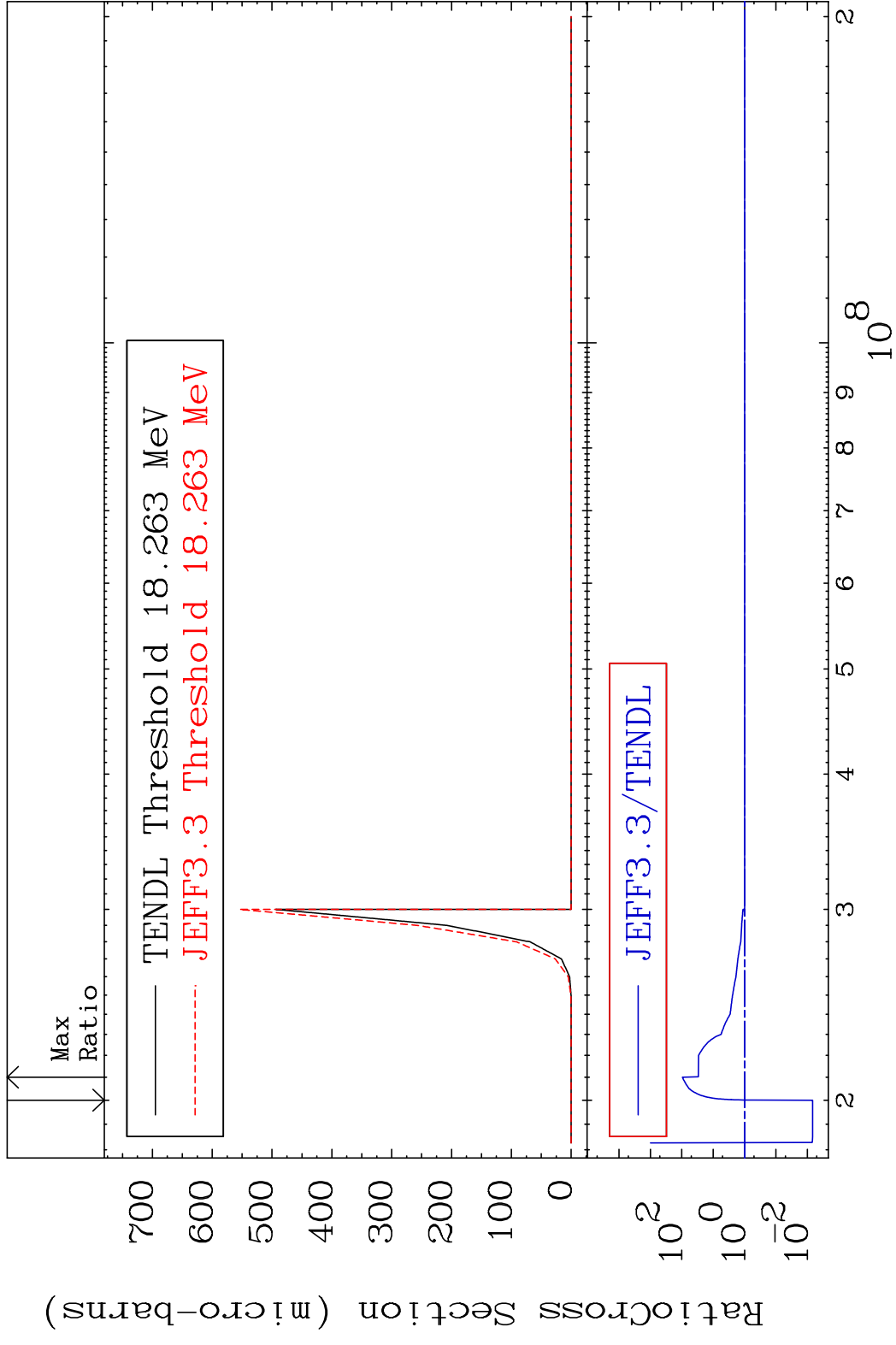


3

Incident Energy (eV)

74-W -185

MAT 7440 (n,2n) d 74-W -185
 Cross Section -99.32 To 9463. %

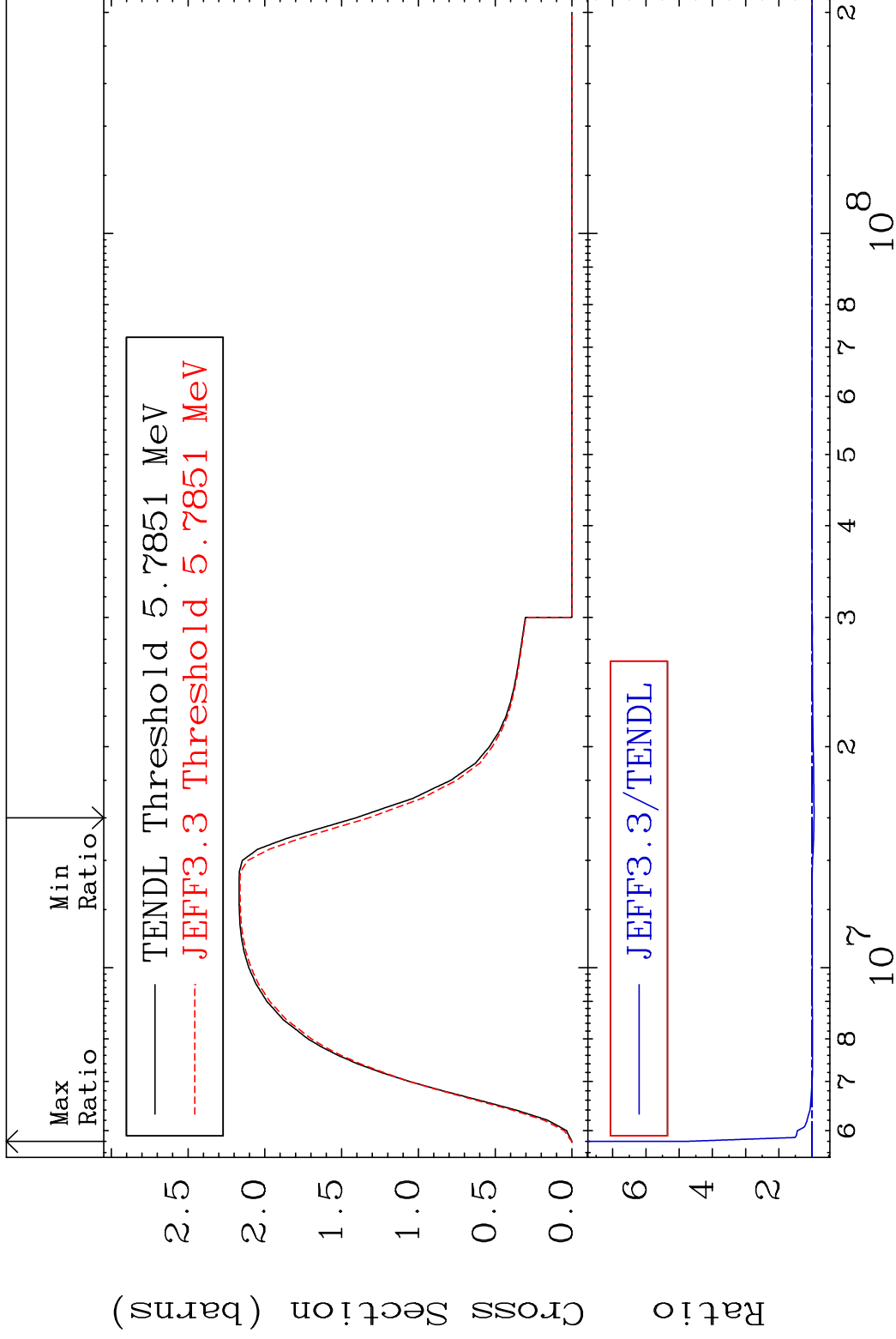


MAT 7440

(n,2n)

74-W -185

Cross Section -6.005 To 387.0 %



5

Incident Energy (eV)

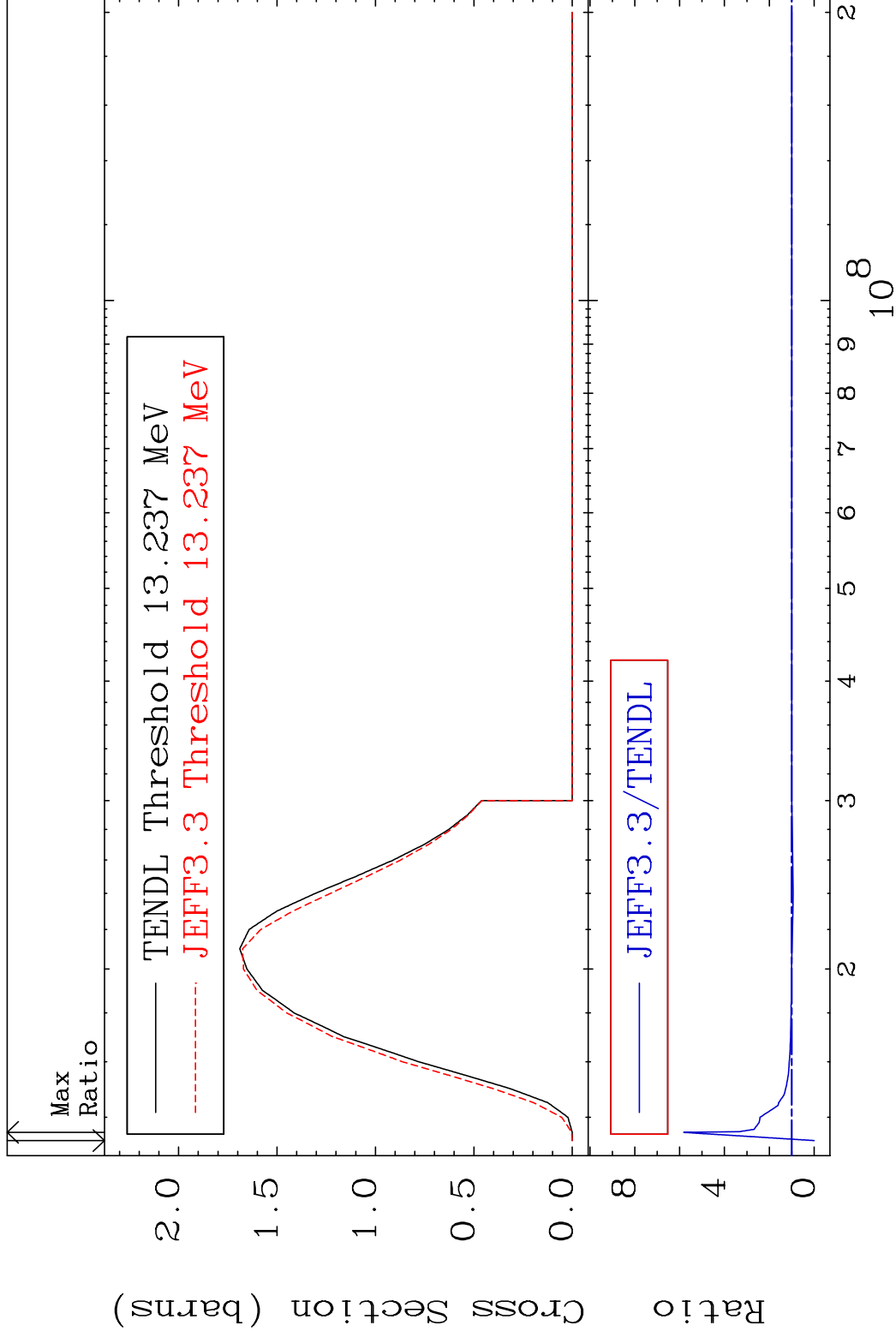
74-W -185

MAT 7440

(n,3n)

74-W -185

Cross Section -100.0 To 482.2 %



6

Incident Energy (eV)

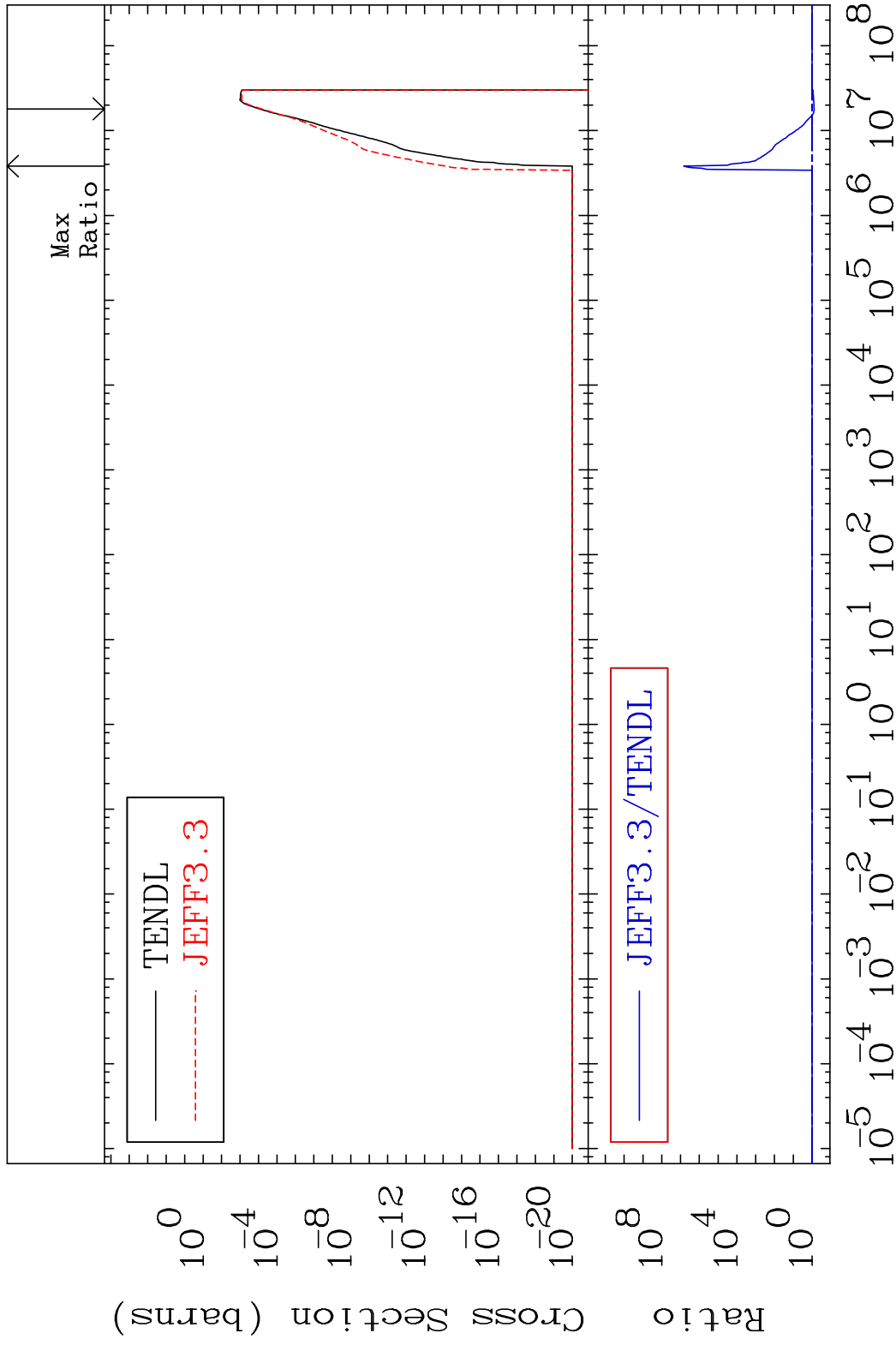
74-W -185

MAT 7440

(n, n') α

74-W -185

Cross Section -22.39 To 9999. %

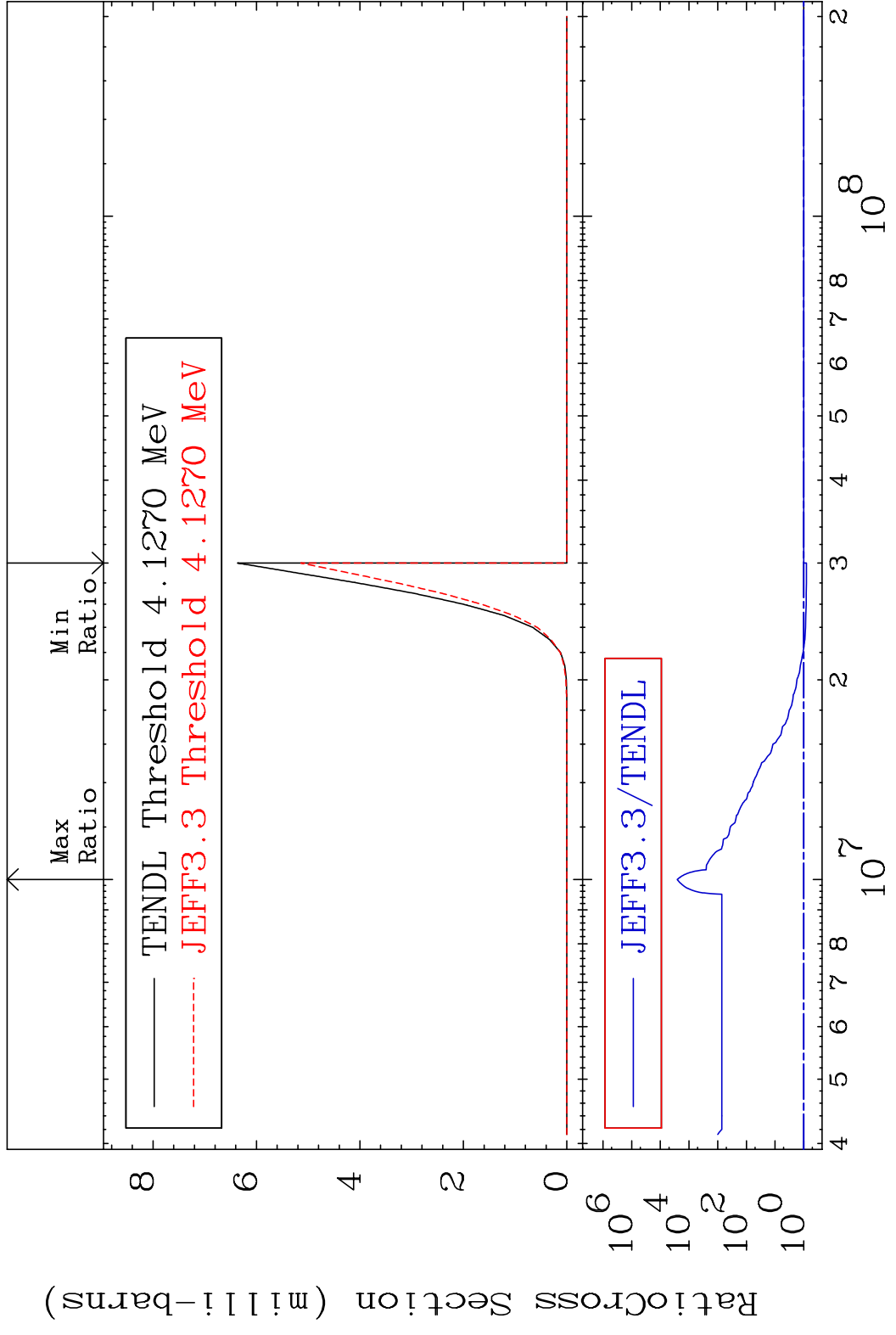


7

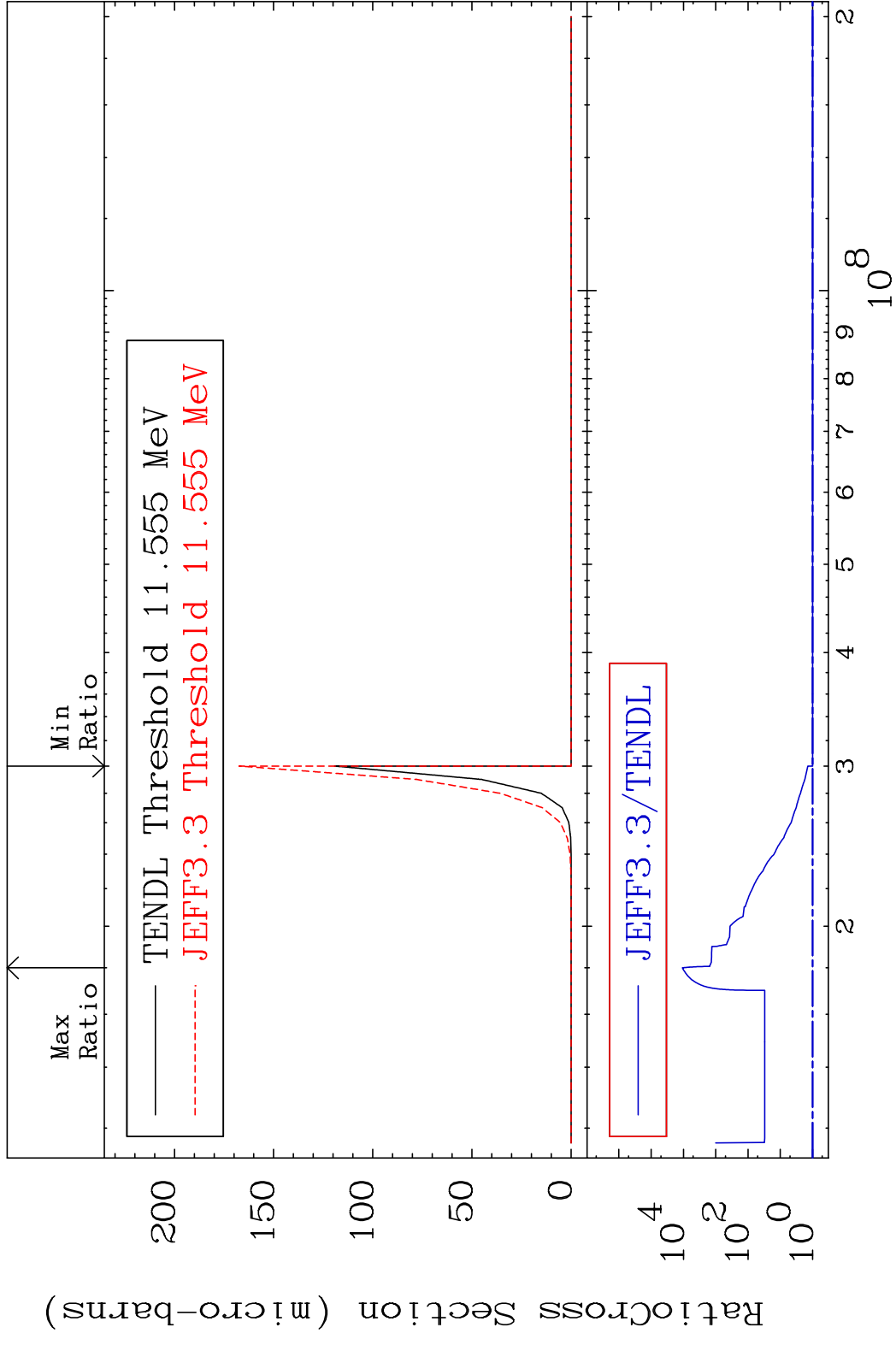
Incident Energy (eV)

74-W -185

MAT 7440 (n,2n) α 74-W -185
 Cross Section -19.24 To 9999. %



MAT 7440 (n,3n) α 74-W -185
 Cross Section 0.000 To 9999. %

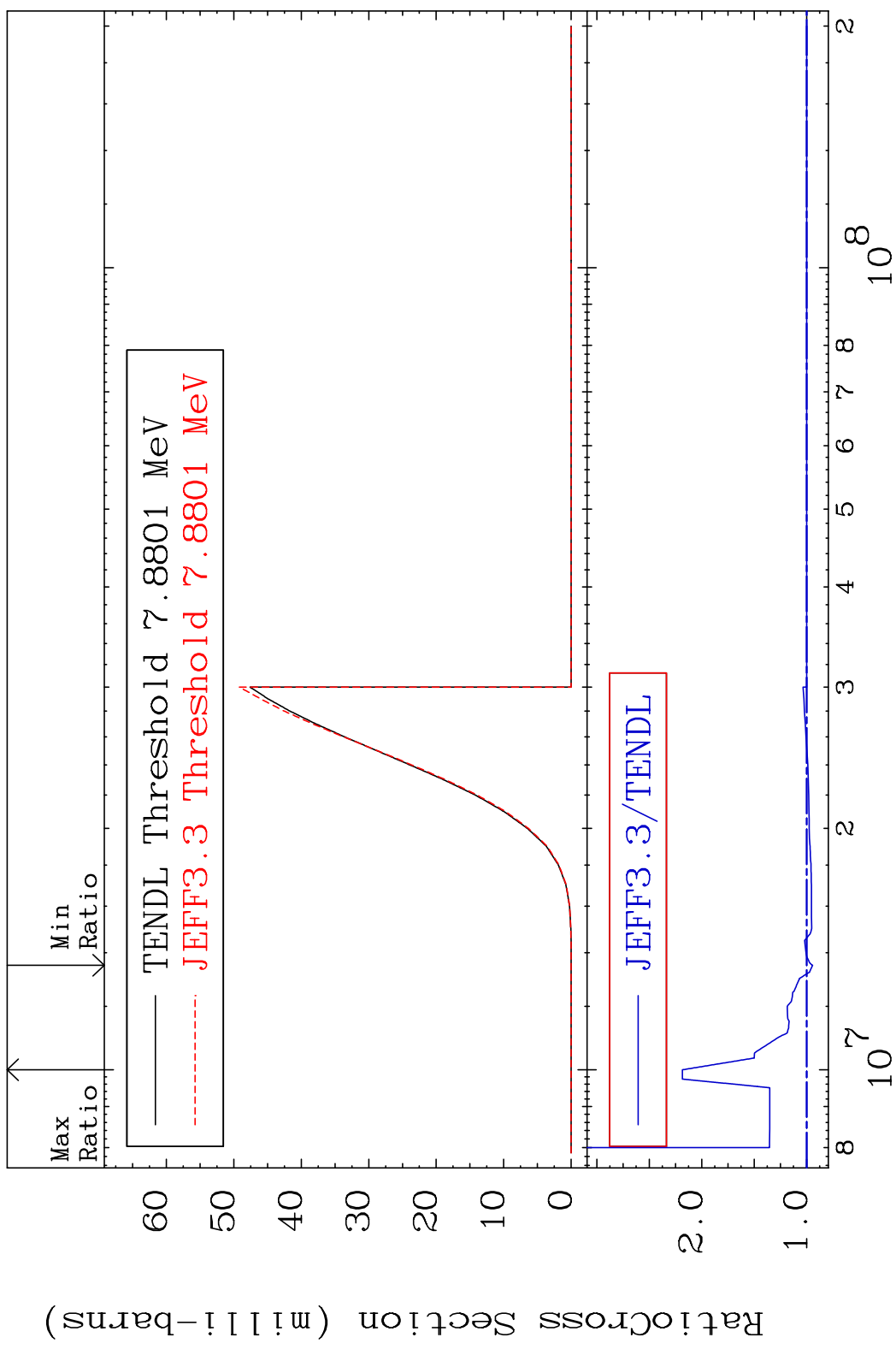


MAT 7440

(n, n') p

74-W -185

Cross Section -5.681 To 118.5 %



10

Incident Energy (eV)

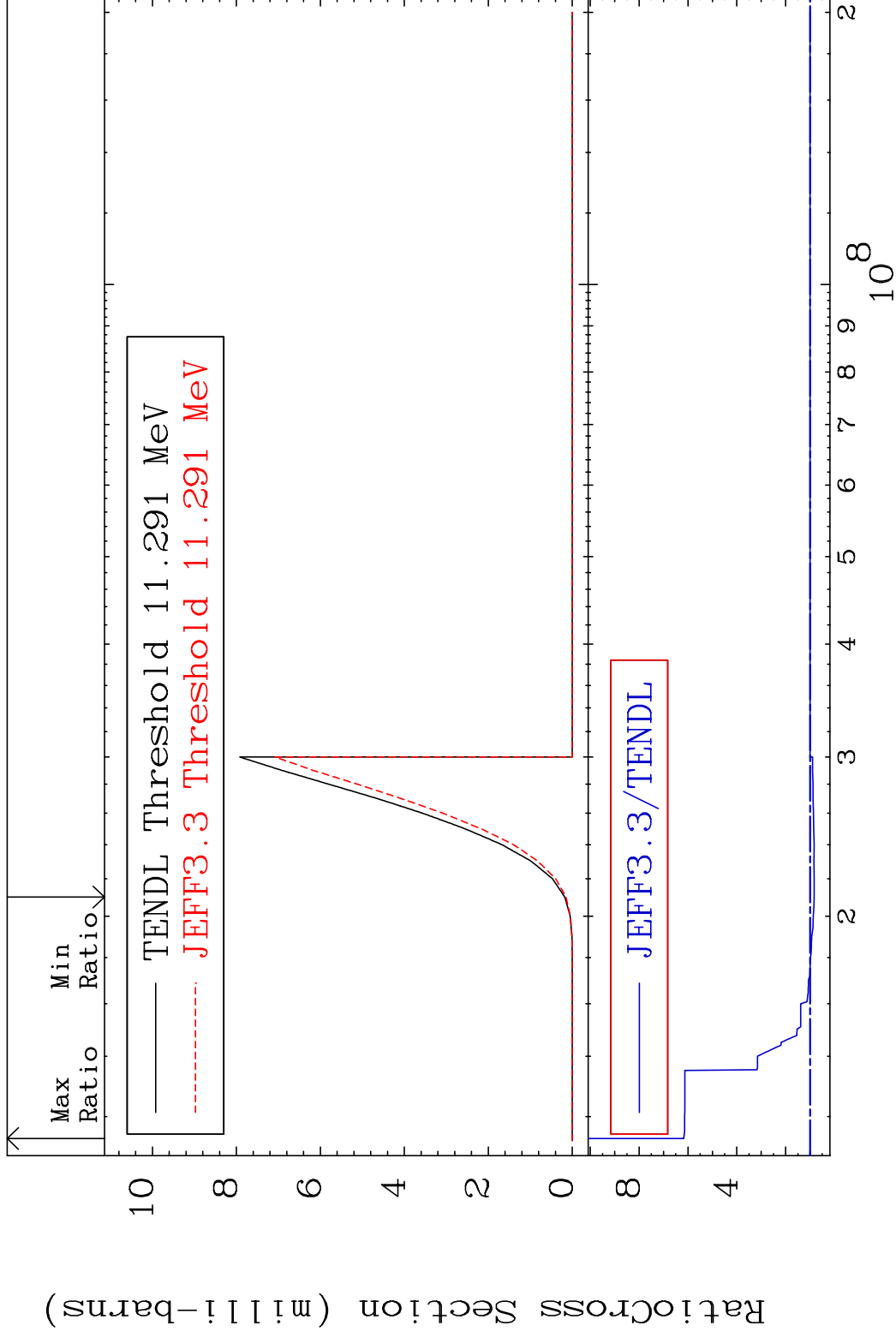
74-W -185

MAT 7440

(n, n') d

74-W -185

Cross Section -16.65 To 517.7 %

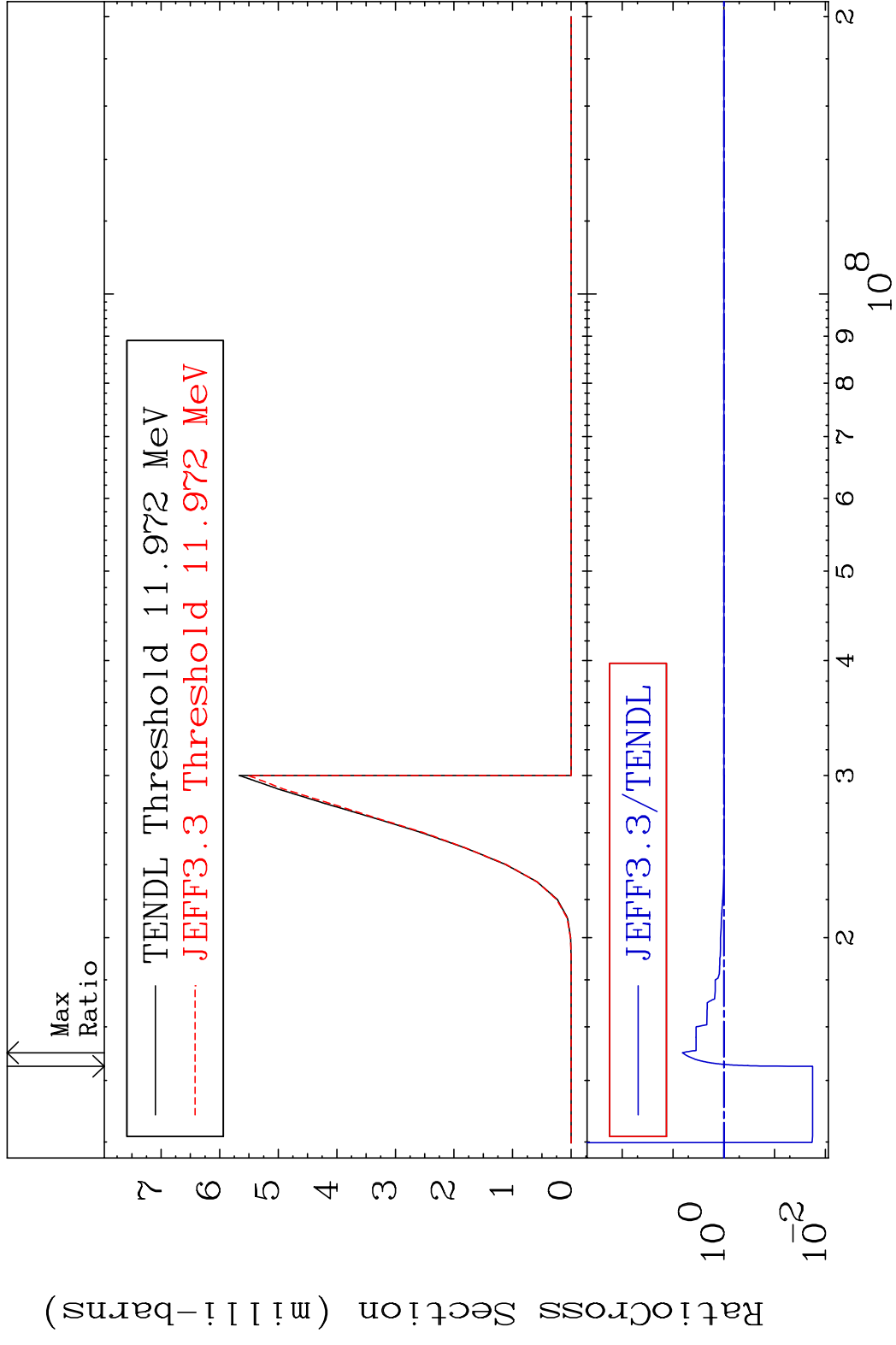


11

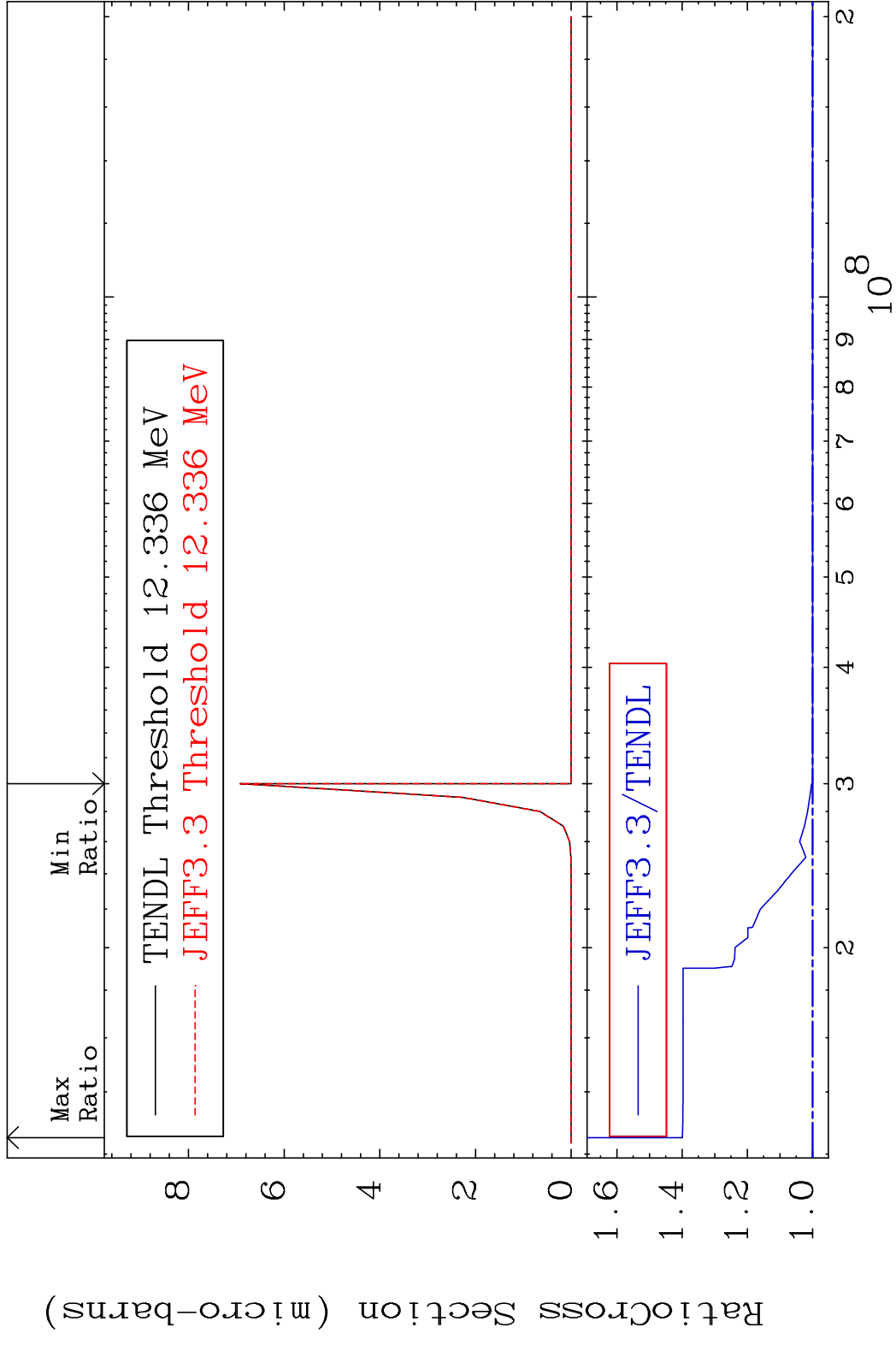
Incident Energy (eV)

74-W -185

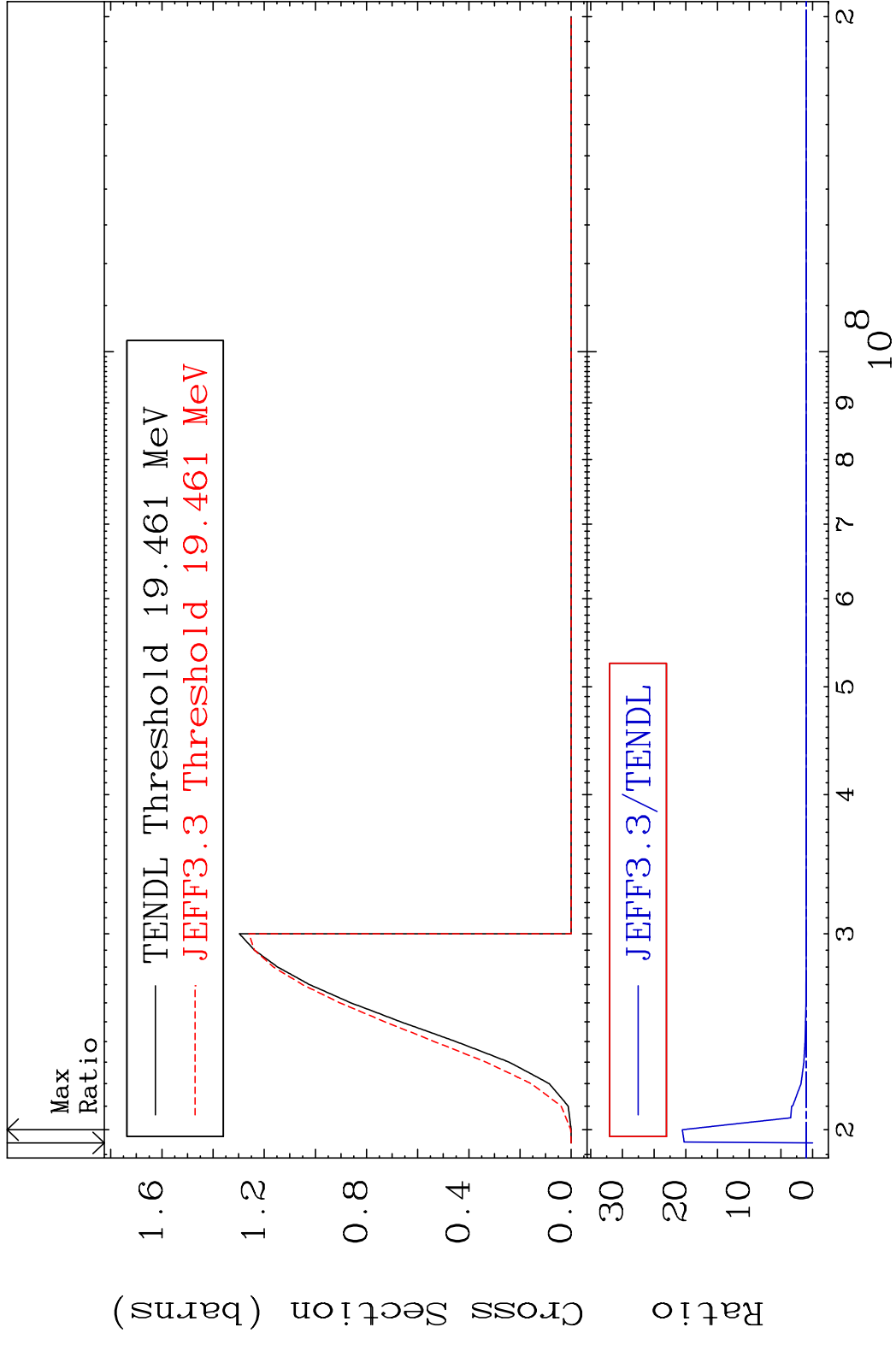
MAT 7440 (n, n') t 74-W -185
 Cross Section -98.21 To 553.9 %



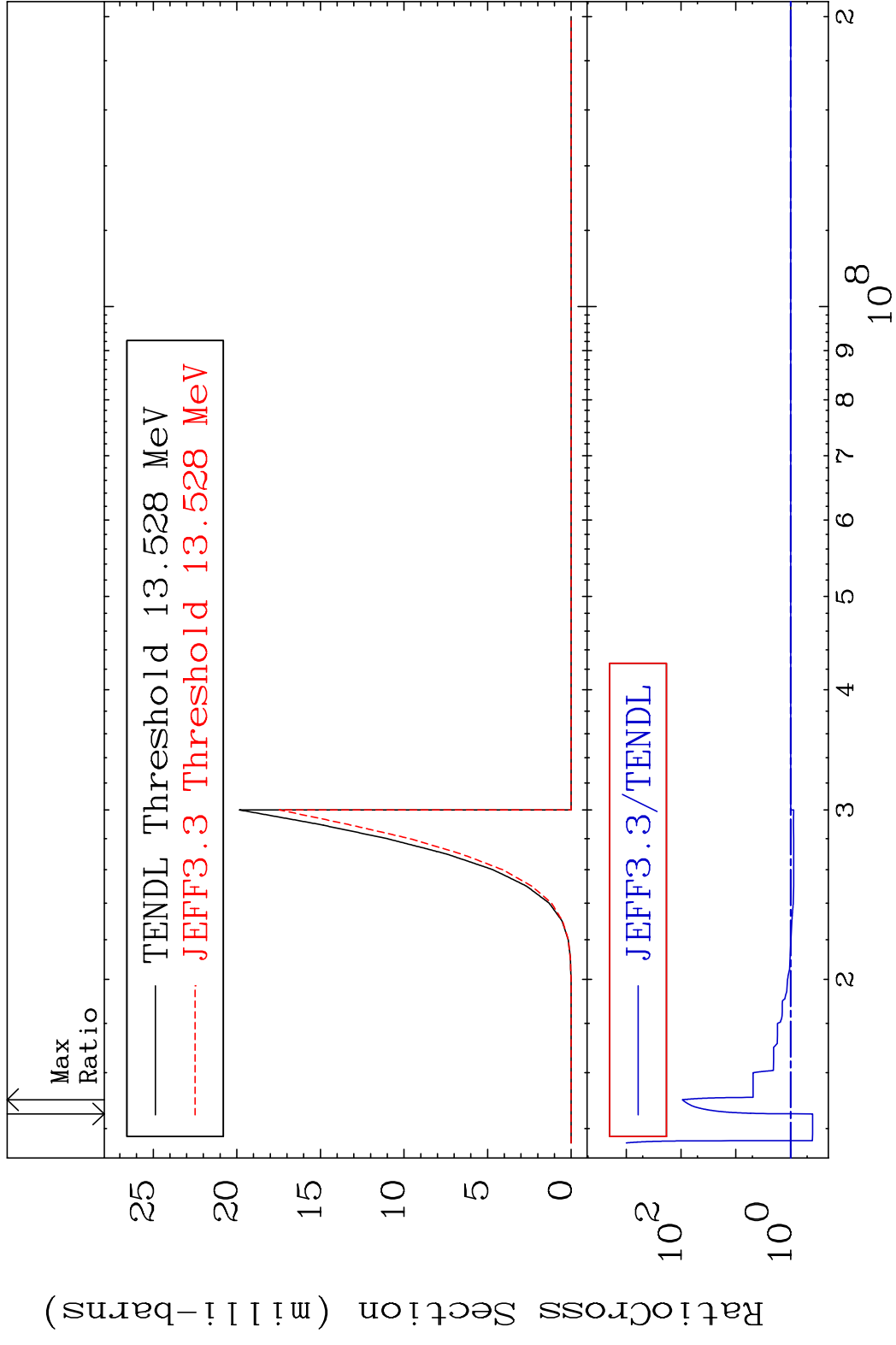
MAT 7440 (n,n') He-3 74-W -185
 Cross Section 0.000 To 39.93 %



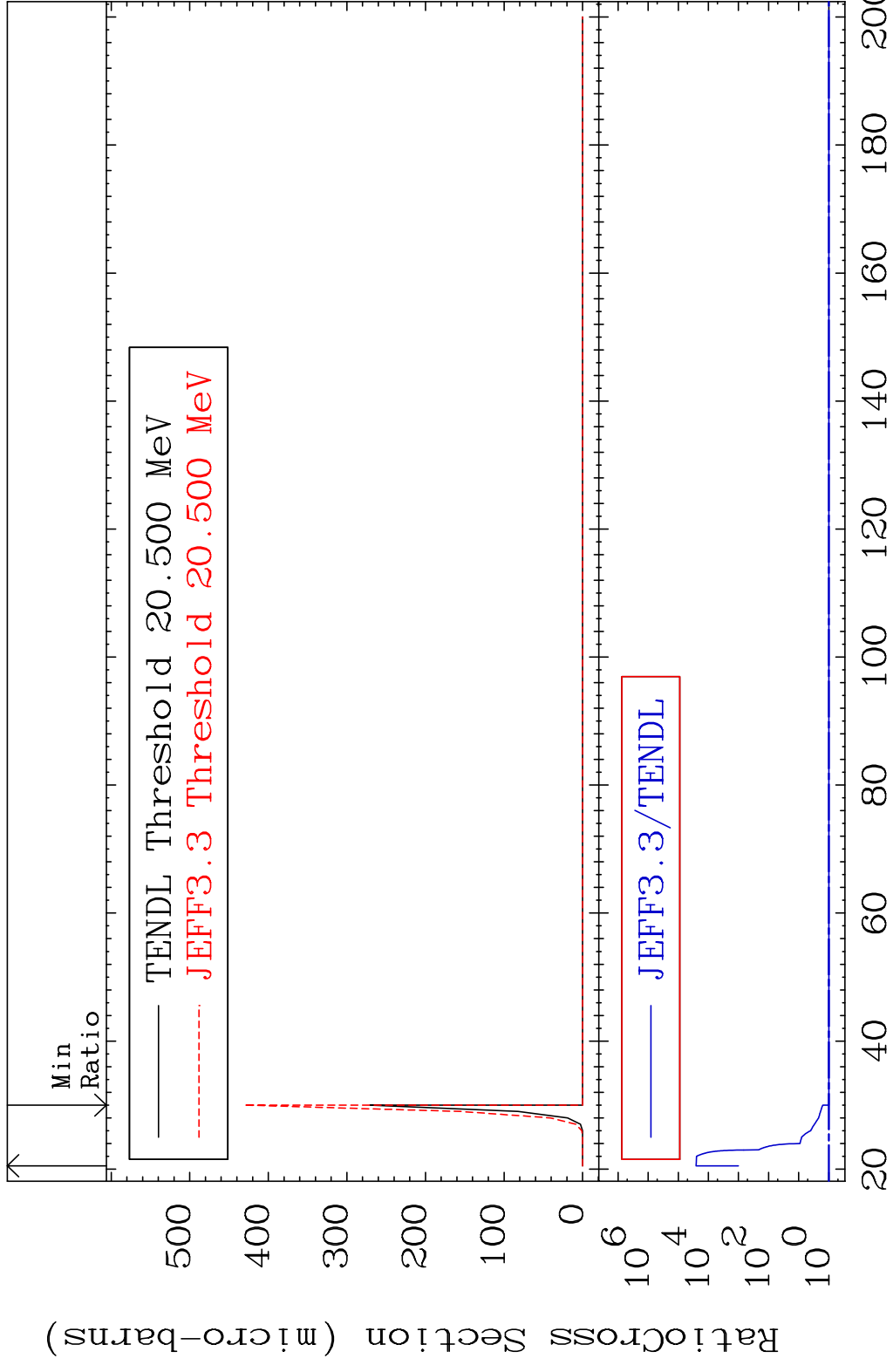
MAT 7440 (n,4n) 74-W -185
 Cross Section -100.0 To 1955. %



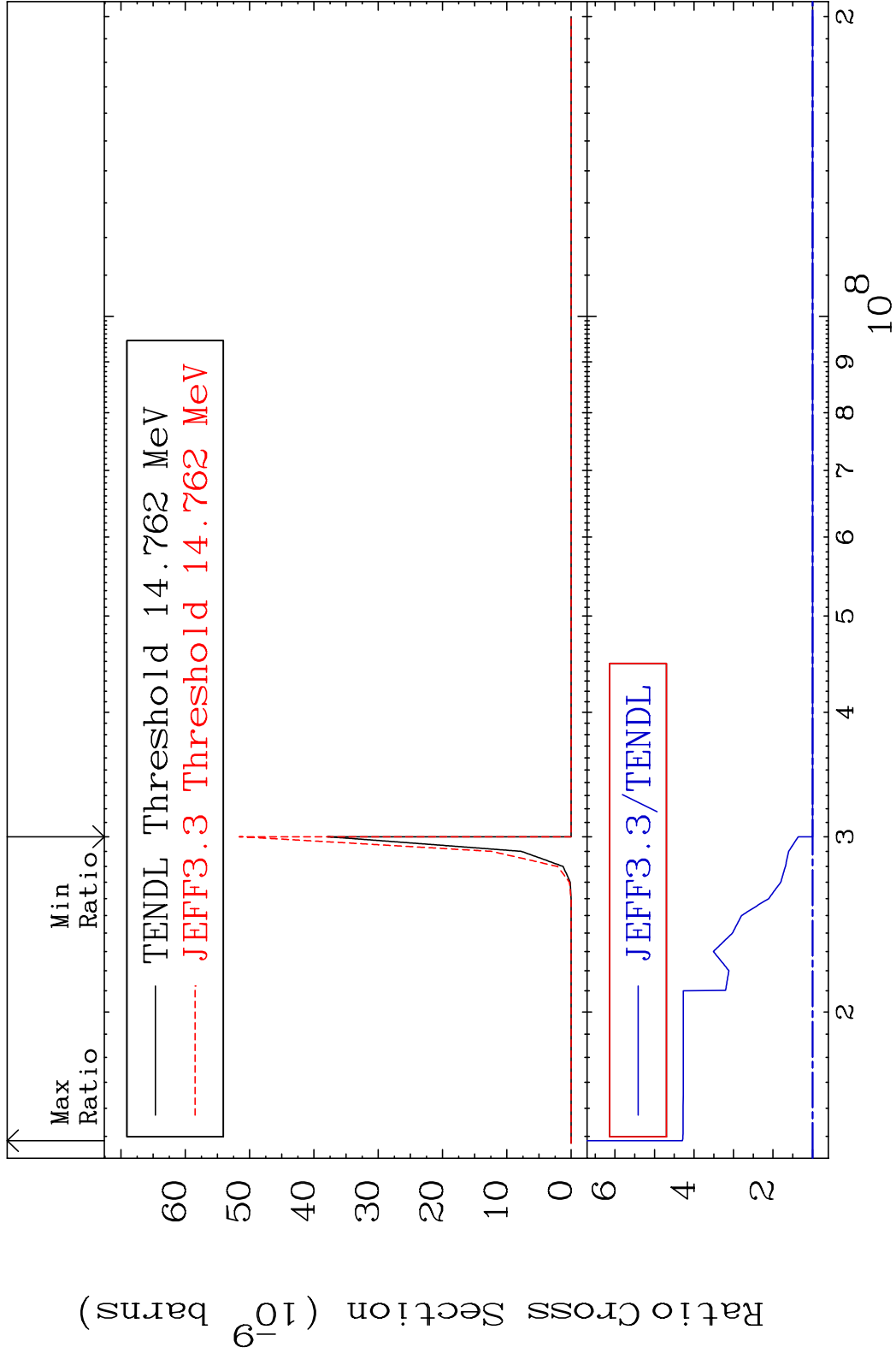
MAT 7440 (n,2n) p 74-W -185
 Cross Section -60.26 To 9365. %



MAT 7440 (n,3n) p 74-W -185
 Cross Section 0.000 To 9999. %



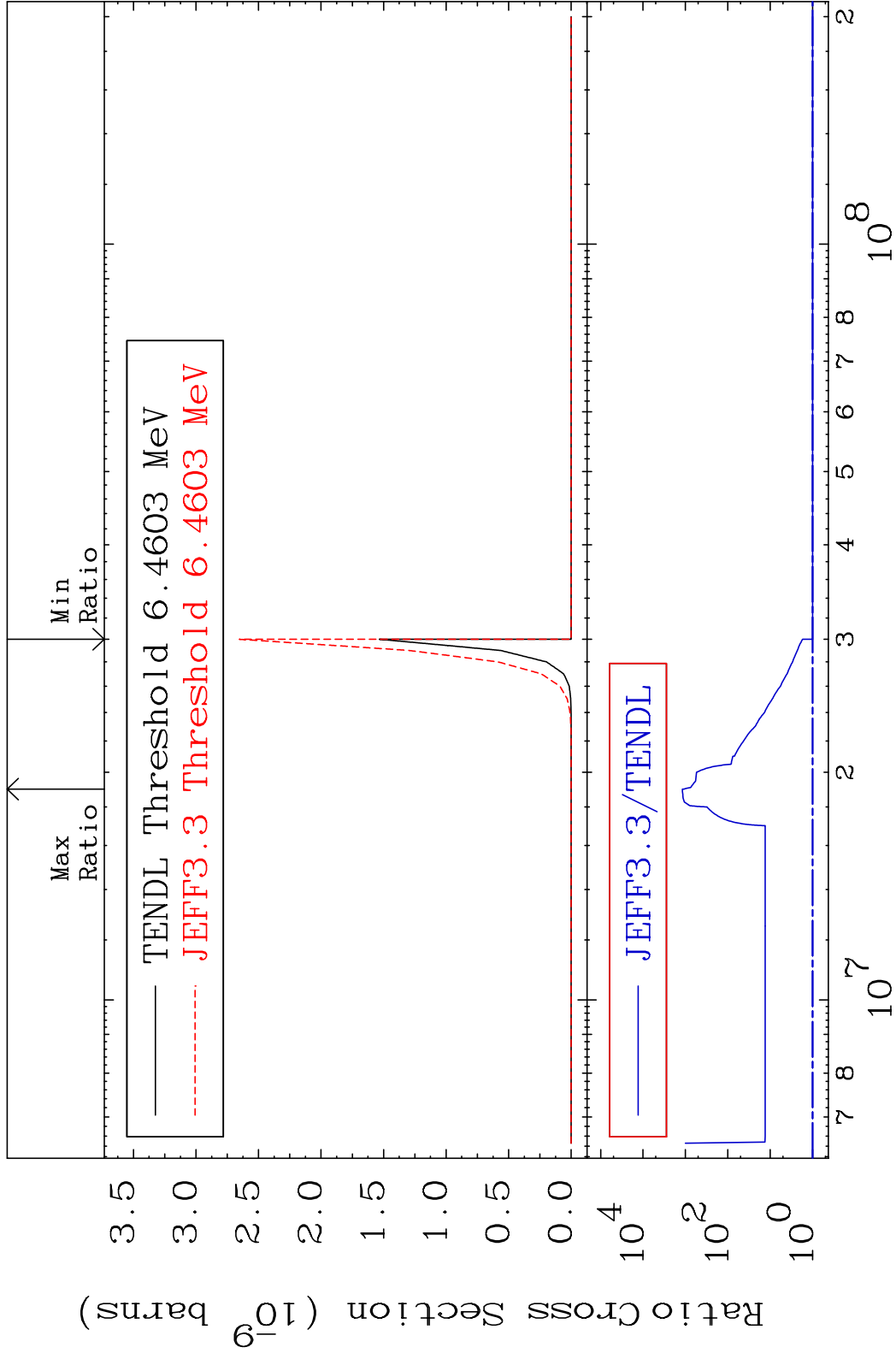
MAT 7440 (n,2n) p 74-W -185
 Cross Section 0.000 To 329.5 %



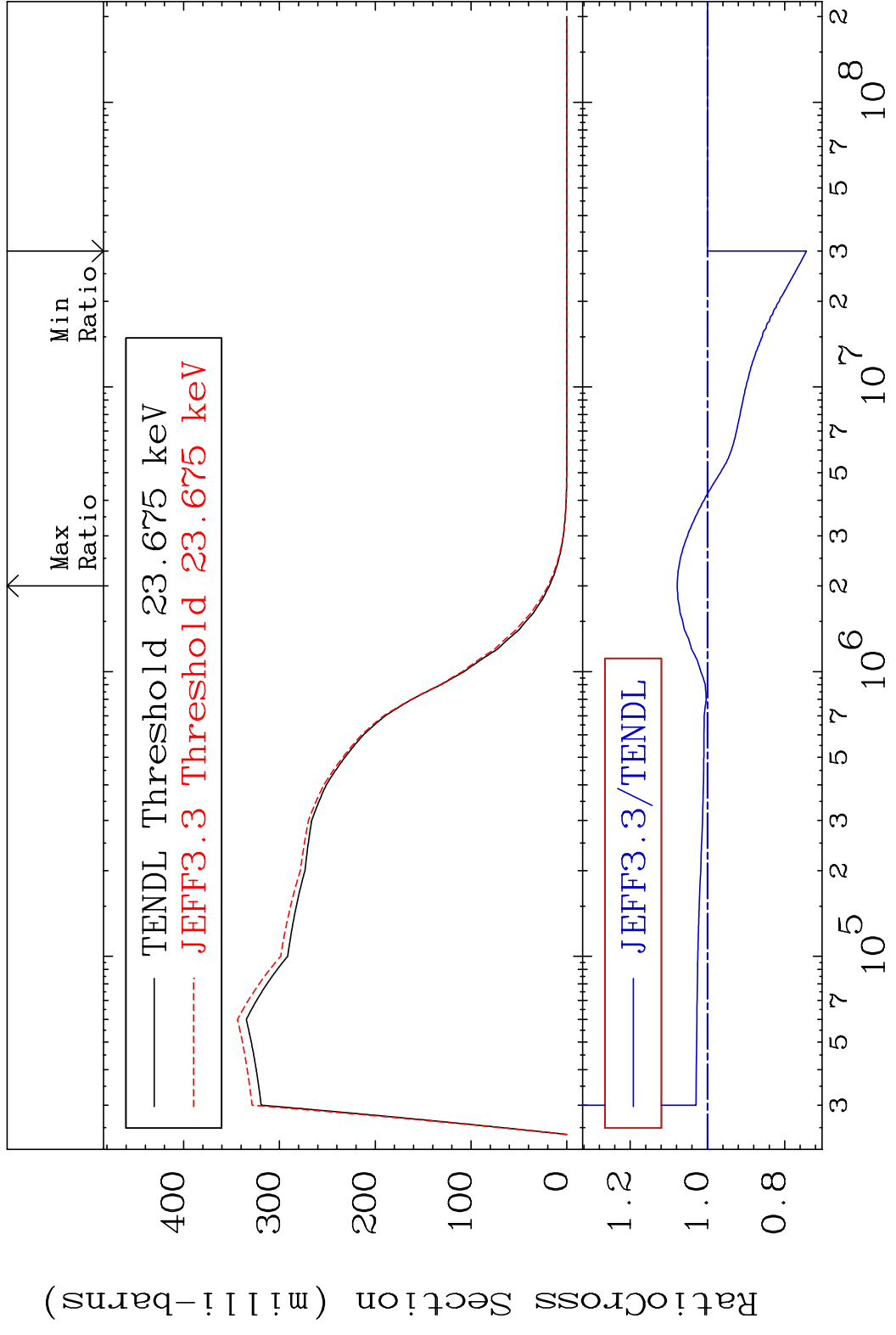
MAT 7440

(n, n') p α
Cross Section 0.000 To 9999. %

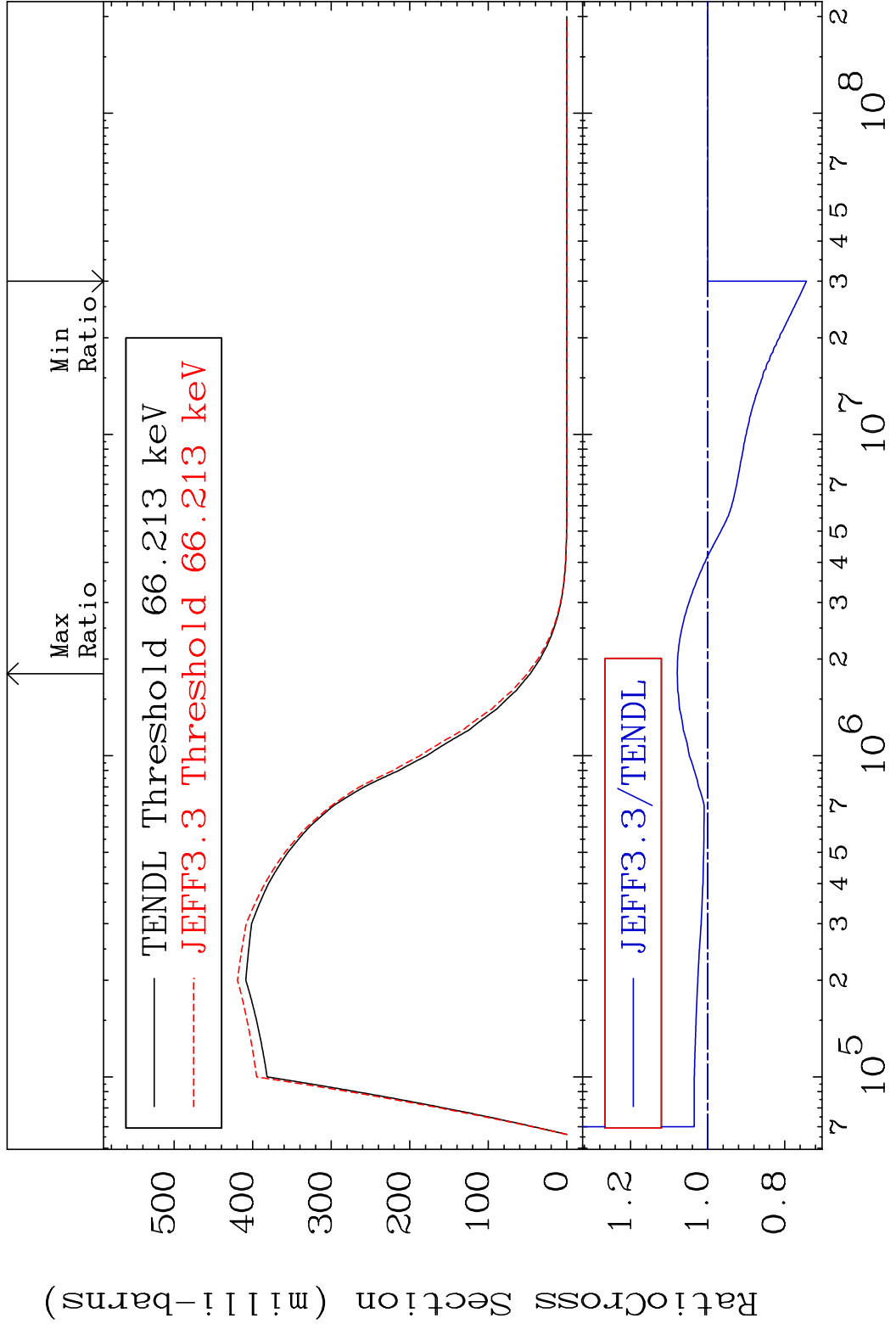
74-W -185



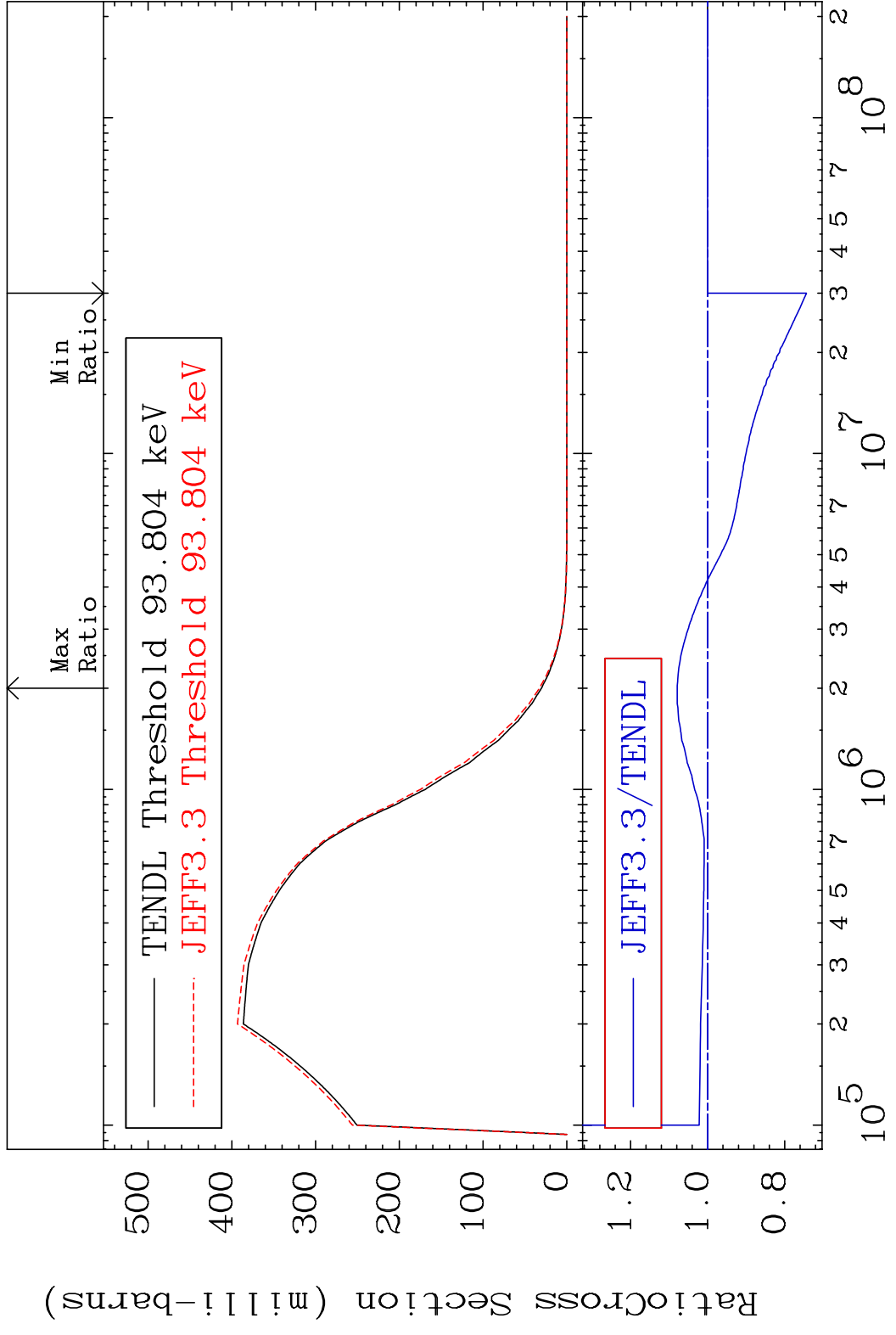
MAT 7440 MT= 51 (n, n') Level 74-W -185
 Cross Section -25.63 To 7.842 %



MAT 7440 MT= 52 (n, n') Level 74-W -185
 Cross Section -25.63 To 7.929 %

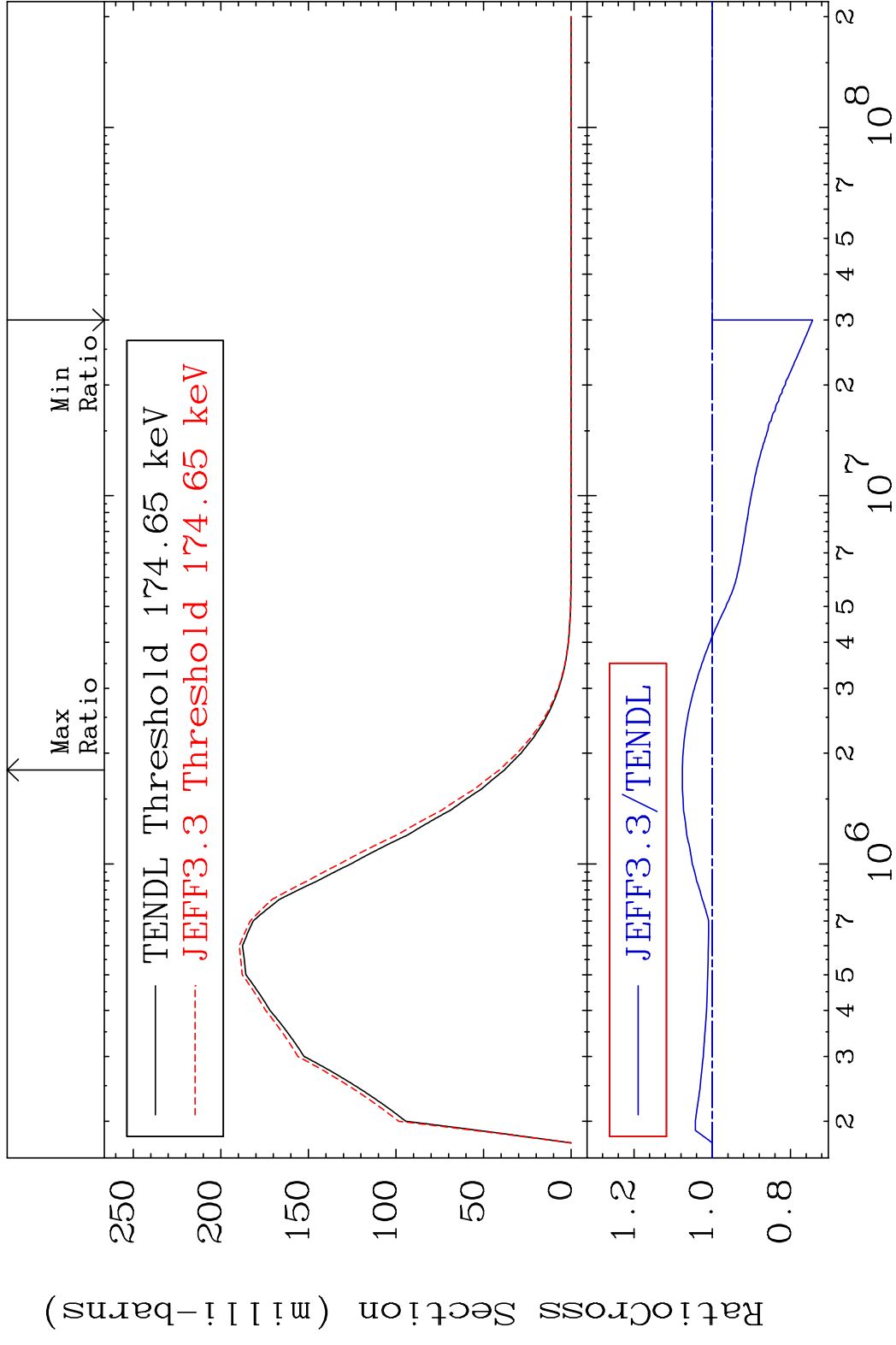


MAT 7440 MT= 53 (n, n') Level 74-W -185
 Cross Section -25.63 To 7.899 %

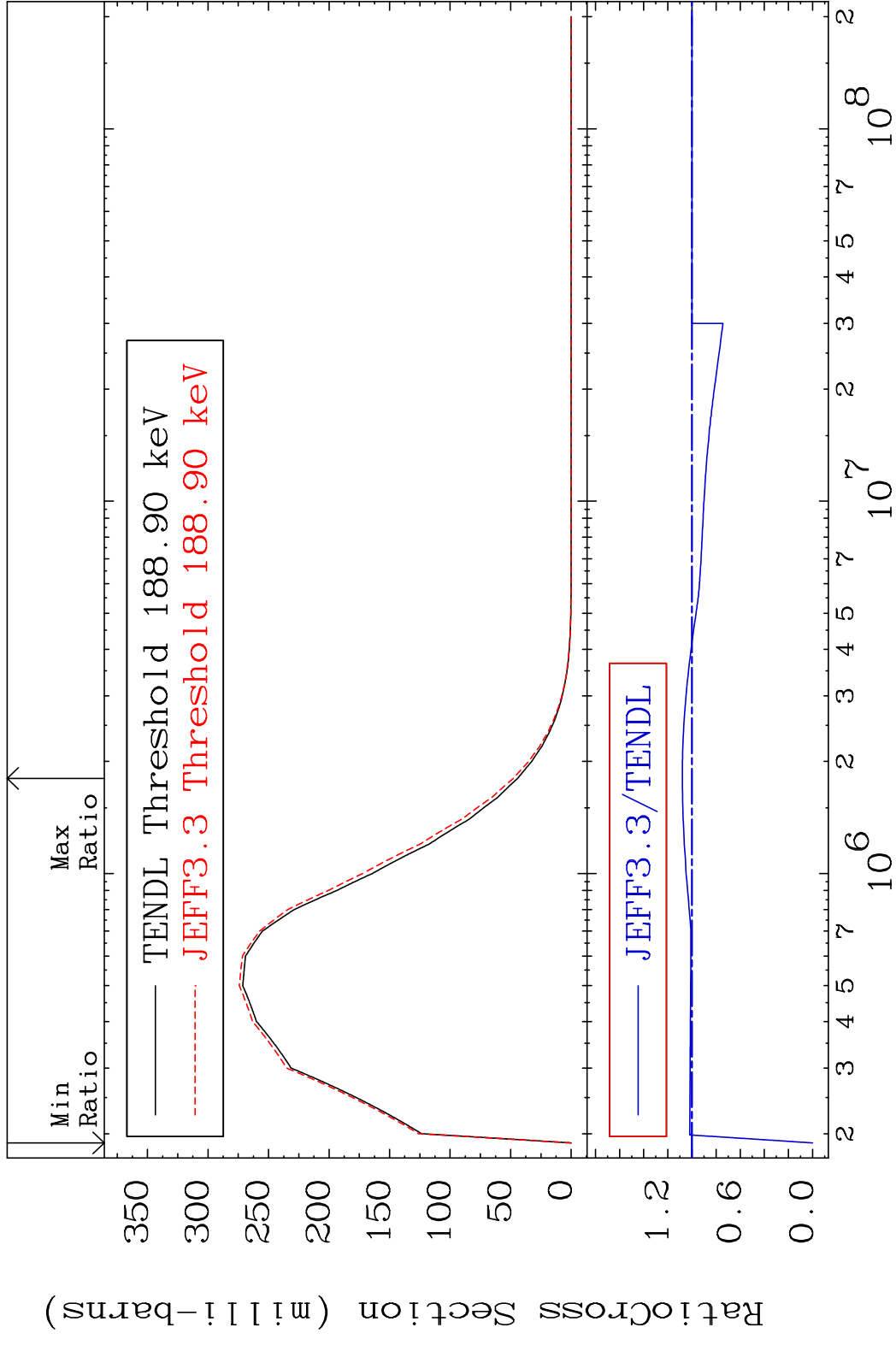


21 Incident Energy (eV) 74-W -185

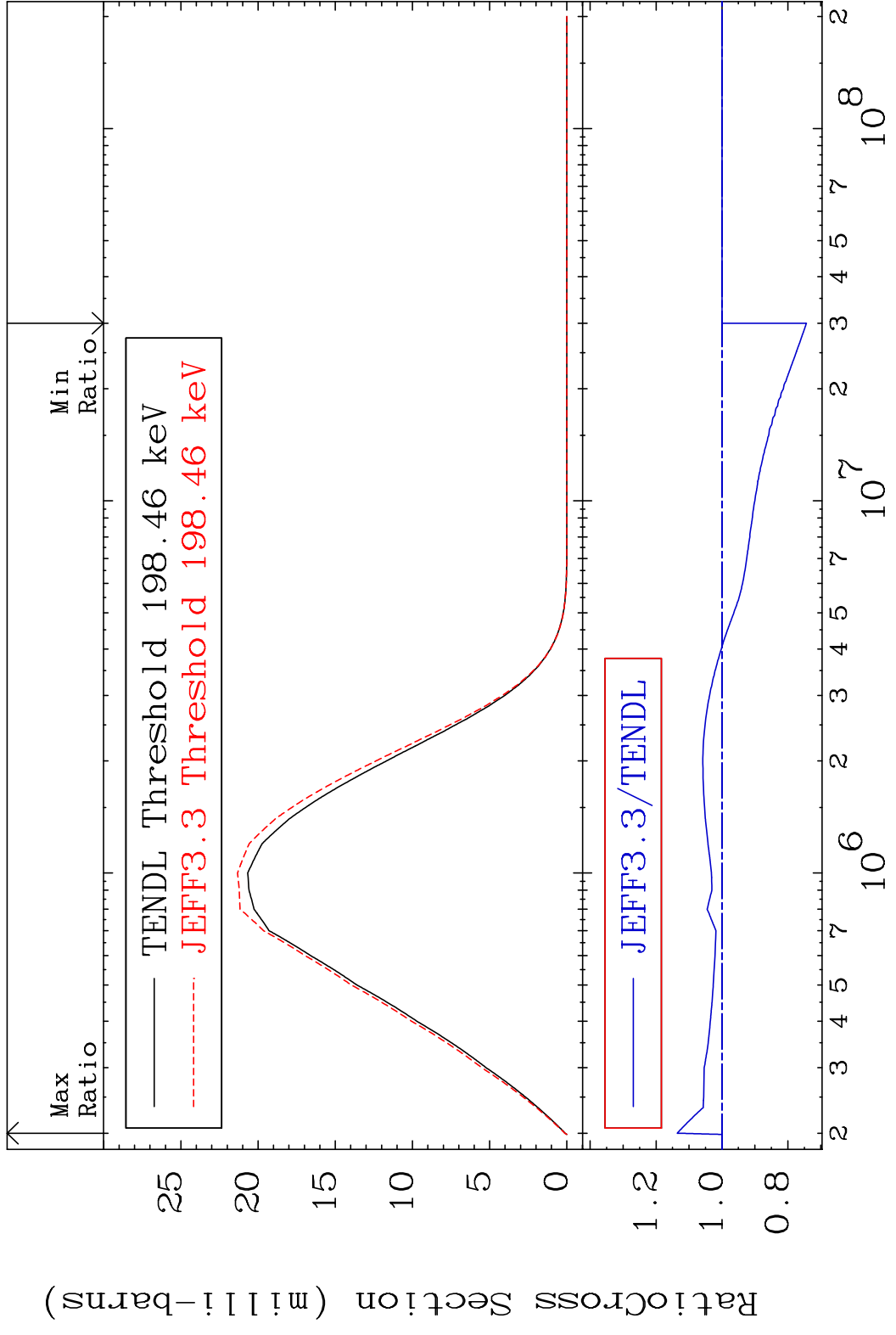
MAT 7440 MT= 54 (n, n') Level 74-W -185
 Cross Section -25.63 To 7.638 %



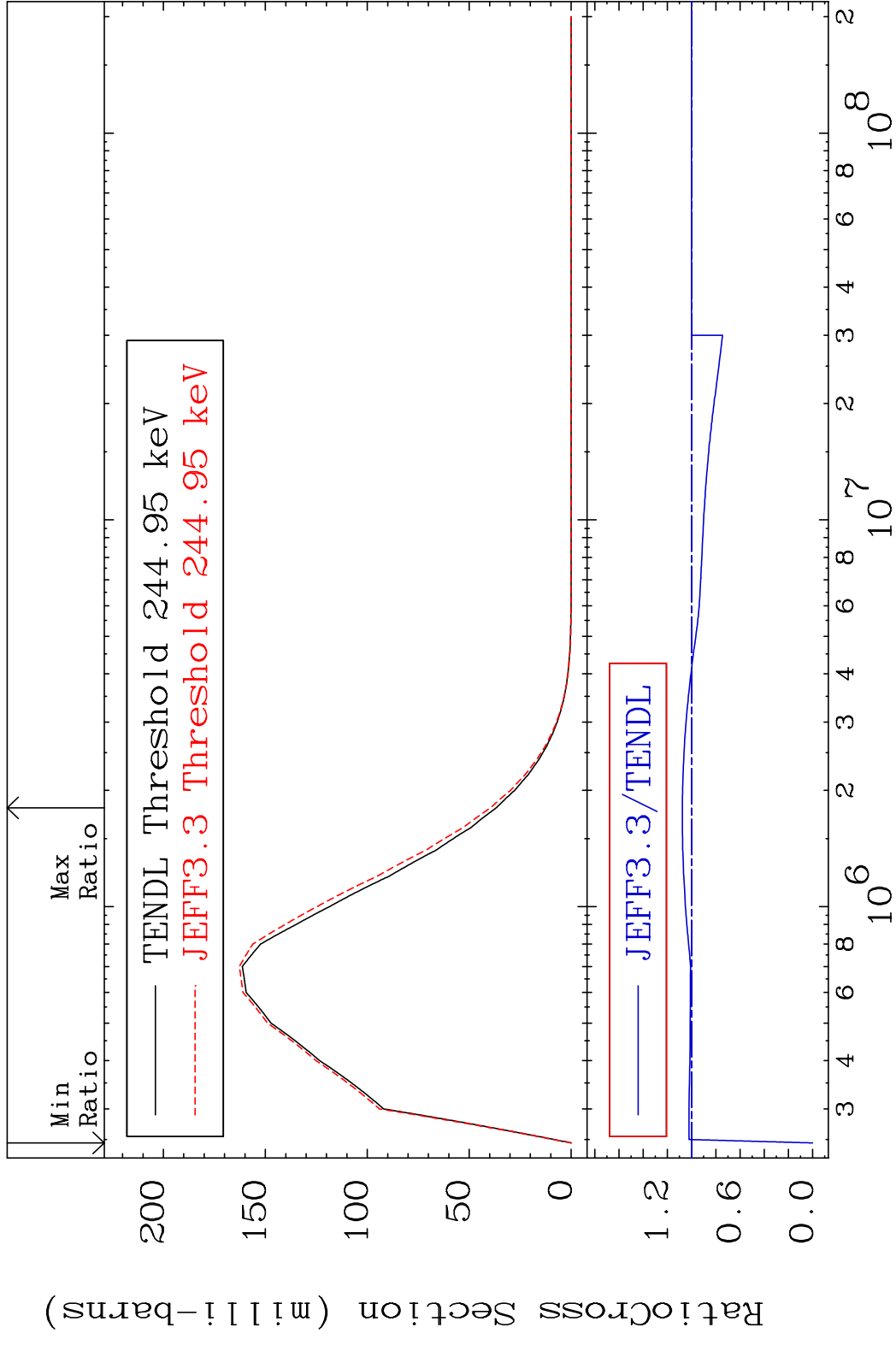
MAT 7440 MT= 55 (n,n') Level 74-W -185
 Cross Section -100.0 To 7.970 %



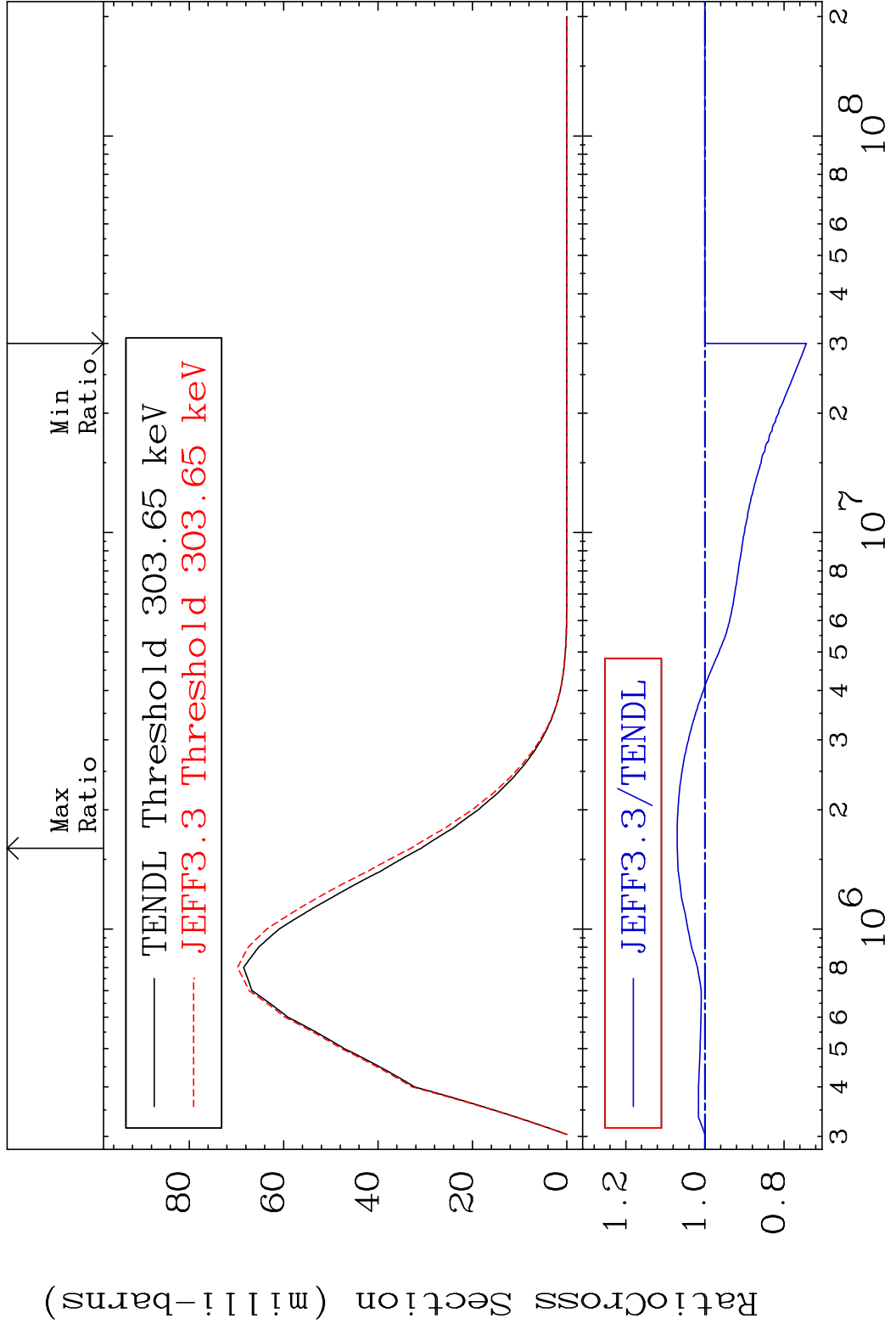
MAT 7440 MT= 56 (n,n') Level 74-W -185
 Cross Section -25.63 To 13.59 %



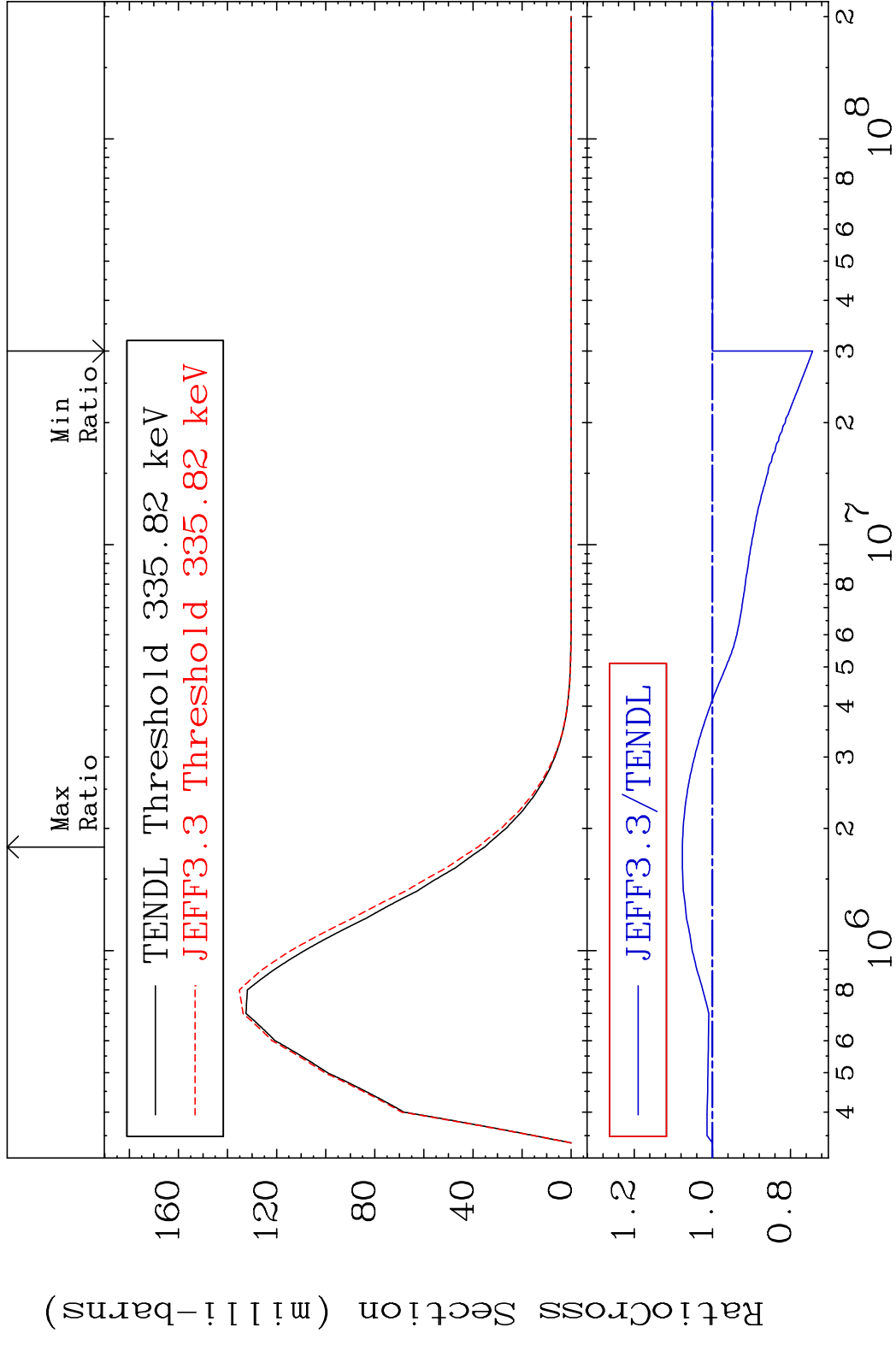
MAT 7440 MT= 57 (n,n') Level 74-W -185
 Cross Section -100.0 To 7.659 %



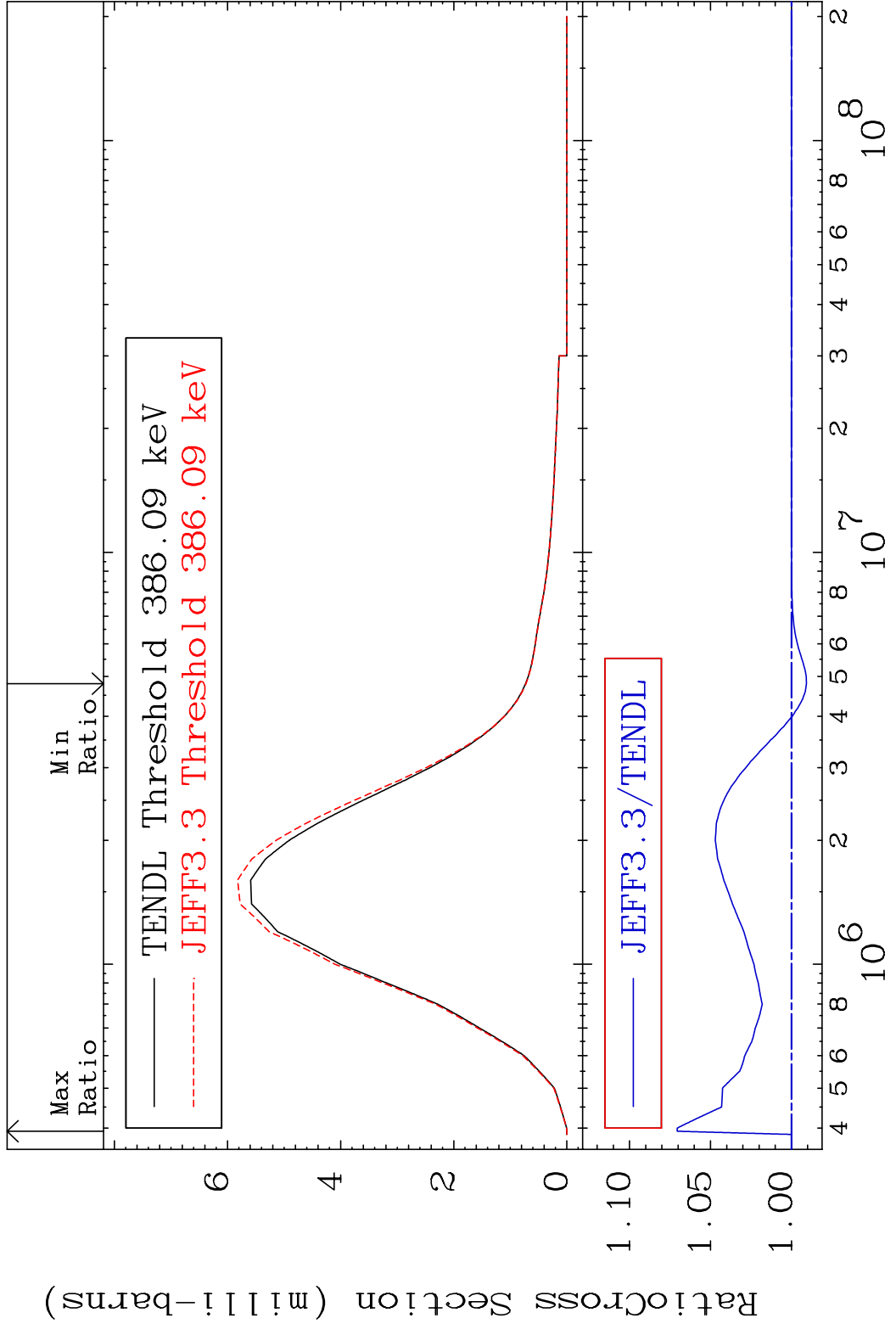
MAT 7440 MT= 58 (n, n') Level 74-W -185
 Cross Section -25.63 To 7.005 %



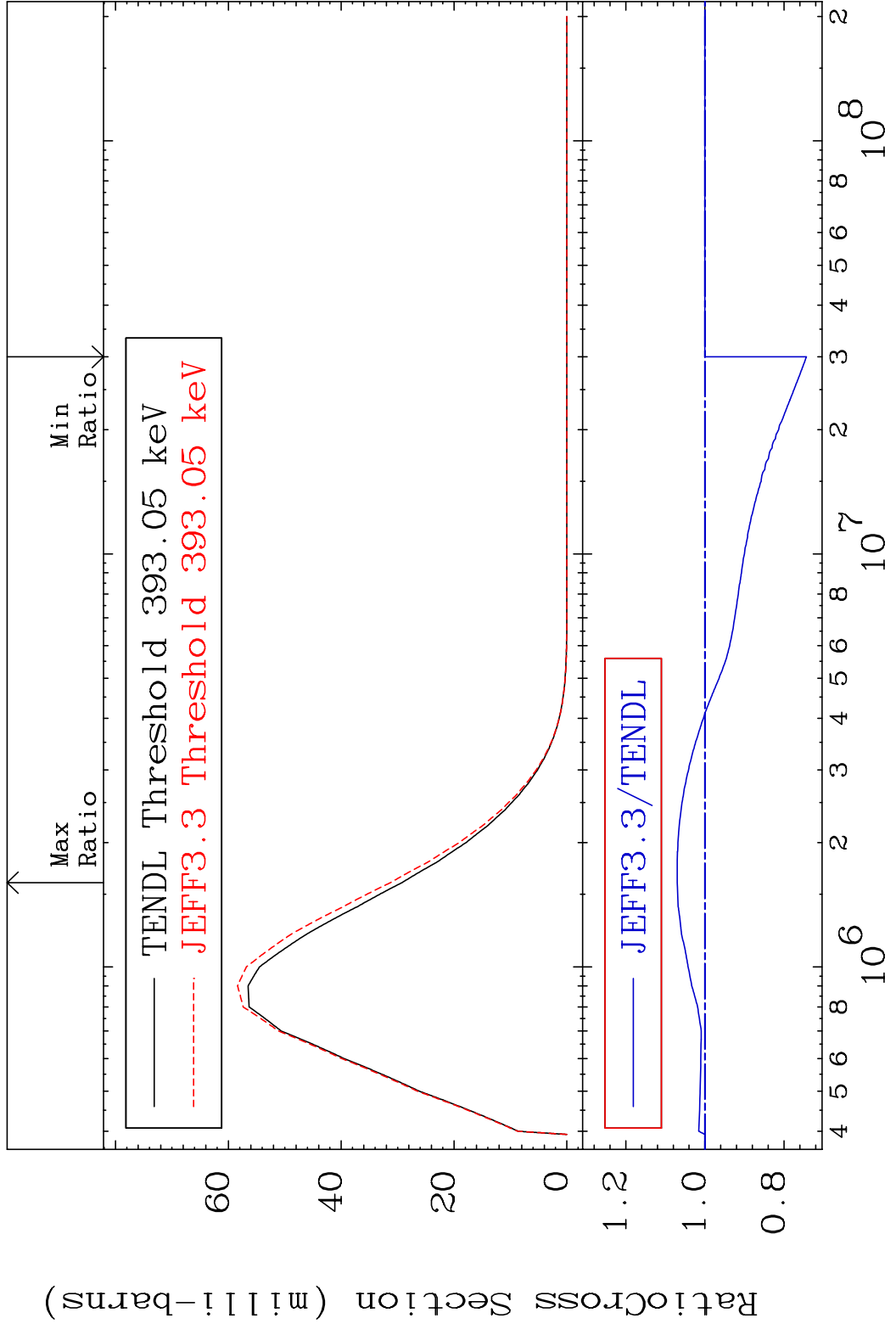
MAT 7440 MT= 59 (n, n') Level 74-W -185
 Cross Section -25.63 To 7.686 %



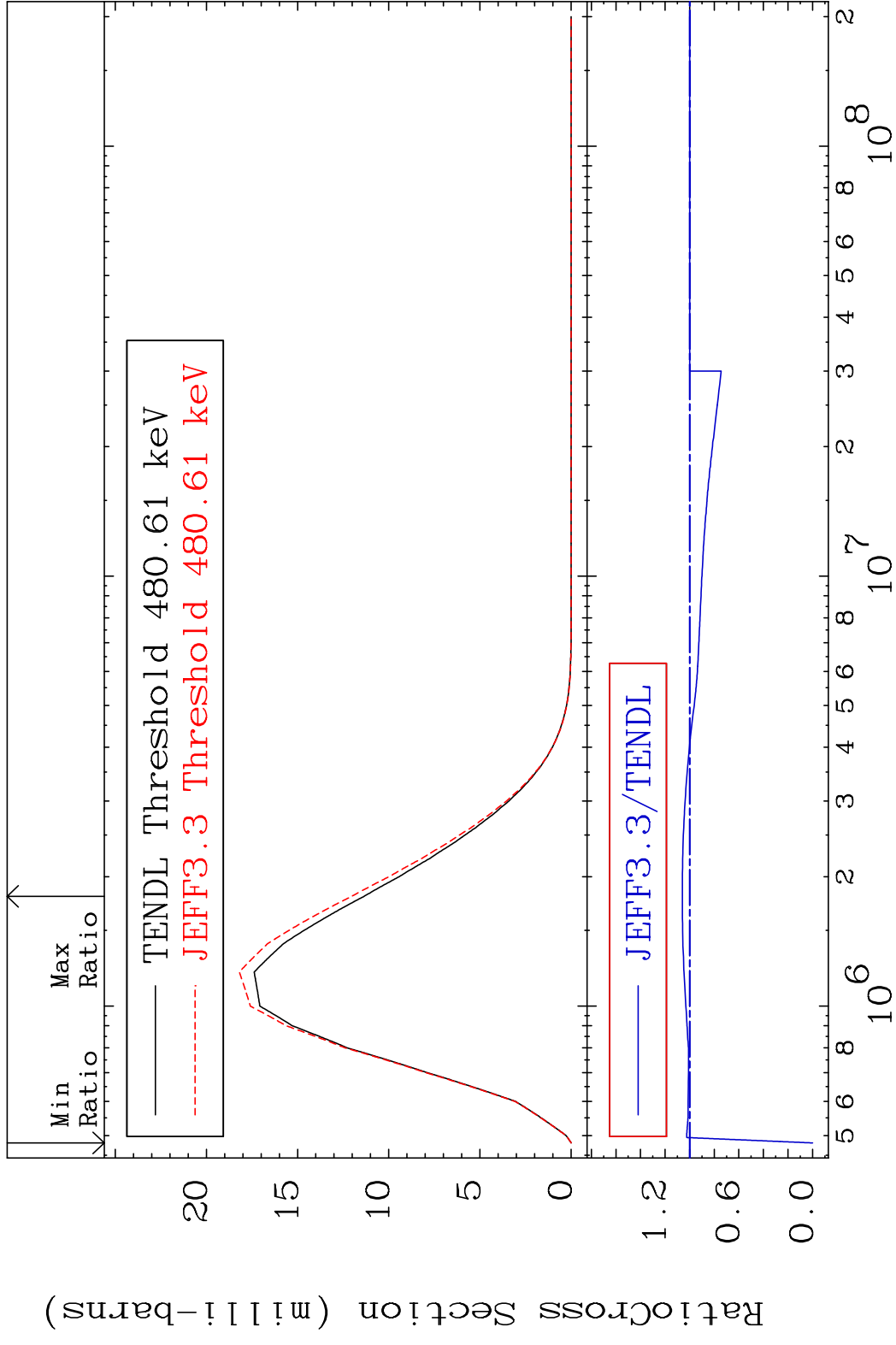
MAT 7440 MT= 60 (n, n') Level 74-W -185
 Cross Section -0.924 To 7.057 %



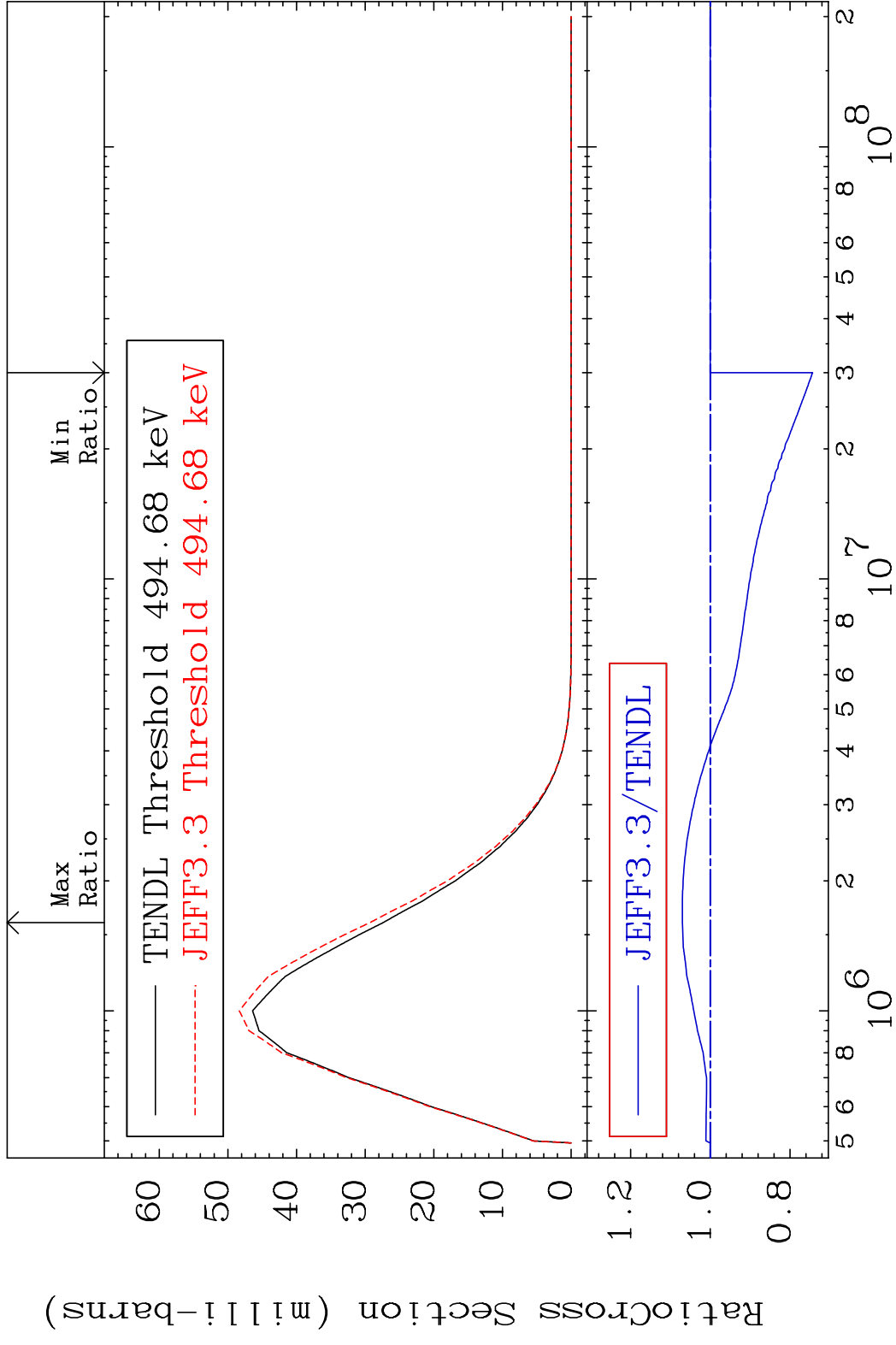
MAT 7440 MT= 61 (n, n') Level 74-W -185
 Cross Section -25.63 To 7.010 %



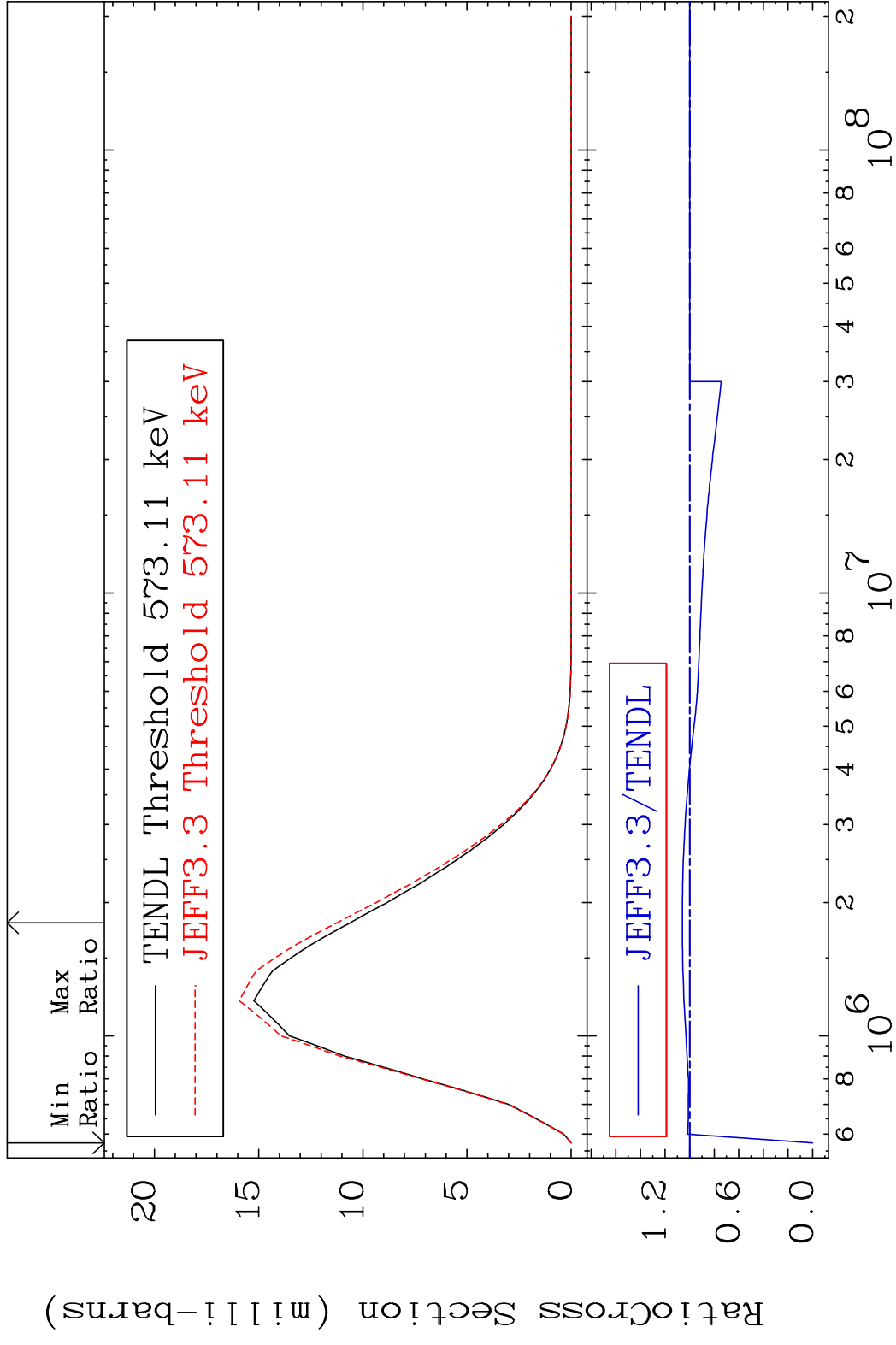
MAT 7440 MT= 62 (n, n') Level 74-W -185
 Cross Section -100.0 To 5.948 %



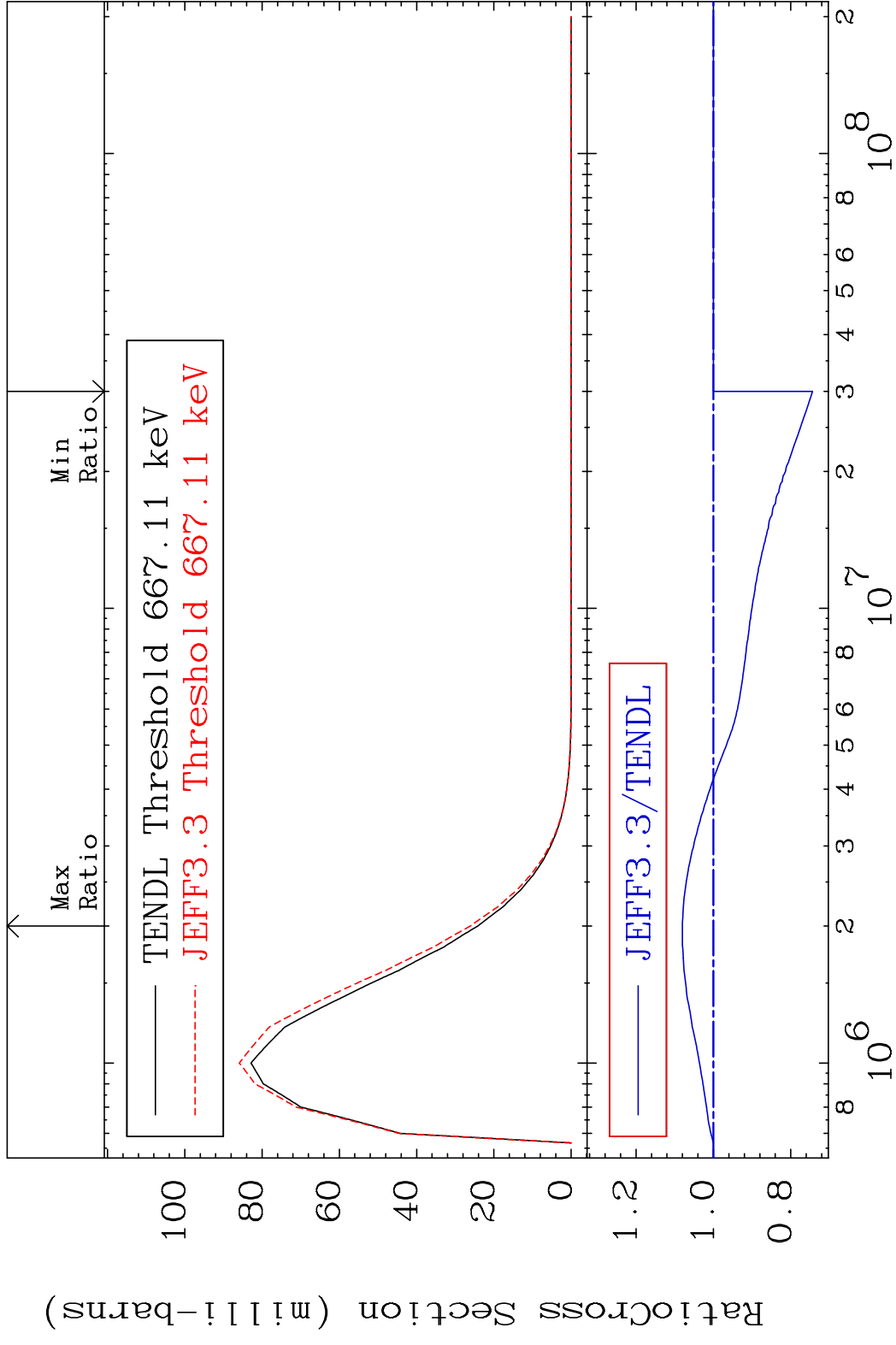
MAT 7440 MT= 63 (n, n') Level 74-W -185
 Cross Section -25.63 To 7.012 %



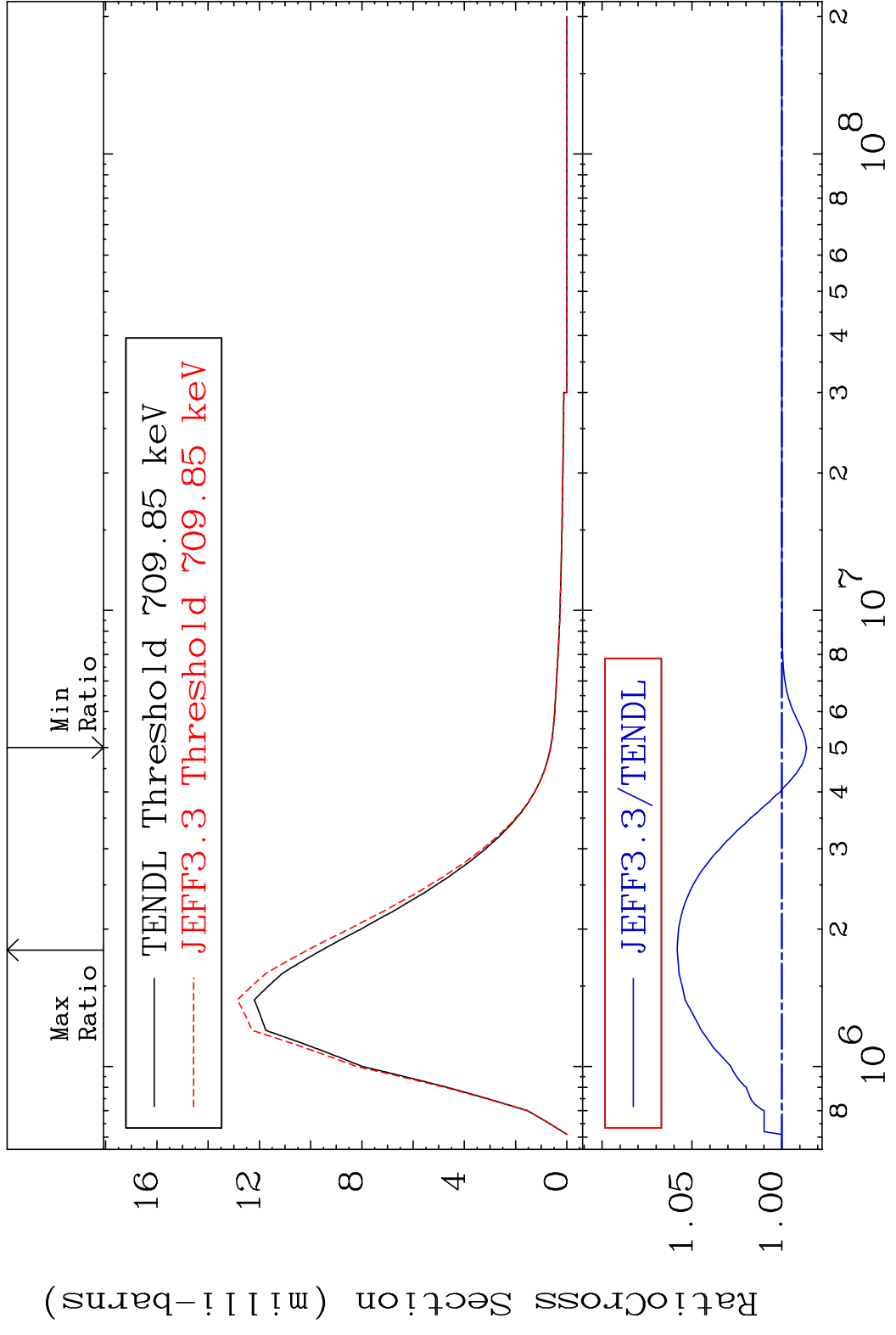
MAT 7440 MT= 64 (n, n') Level 74-W -185
 Cross Section -100.0 To 5.905 %



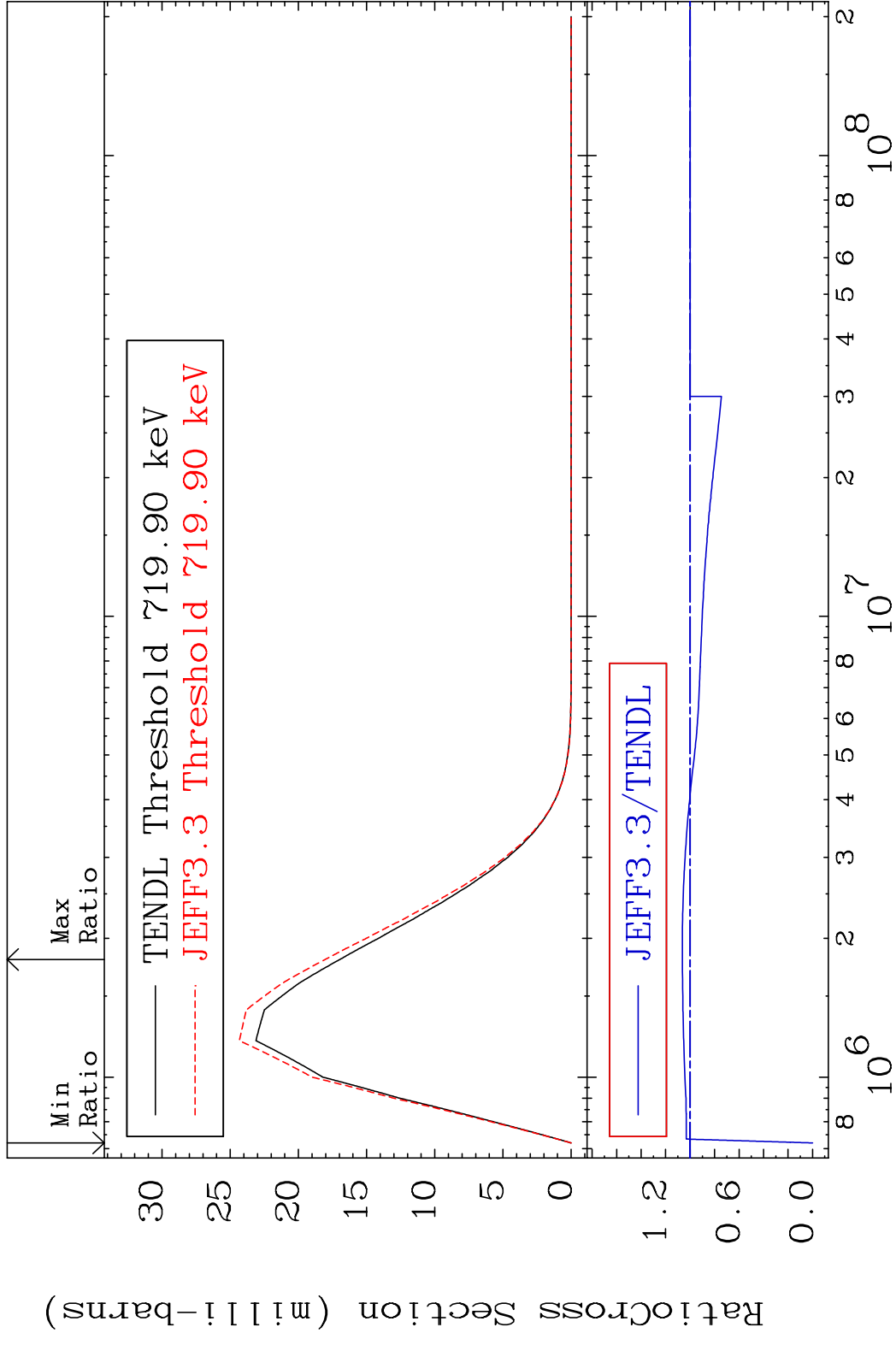
MAT 7440 MT= 65 (n, n') Level 74-W -185
 Cross Section -25.63 To 8.026 %



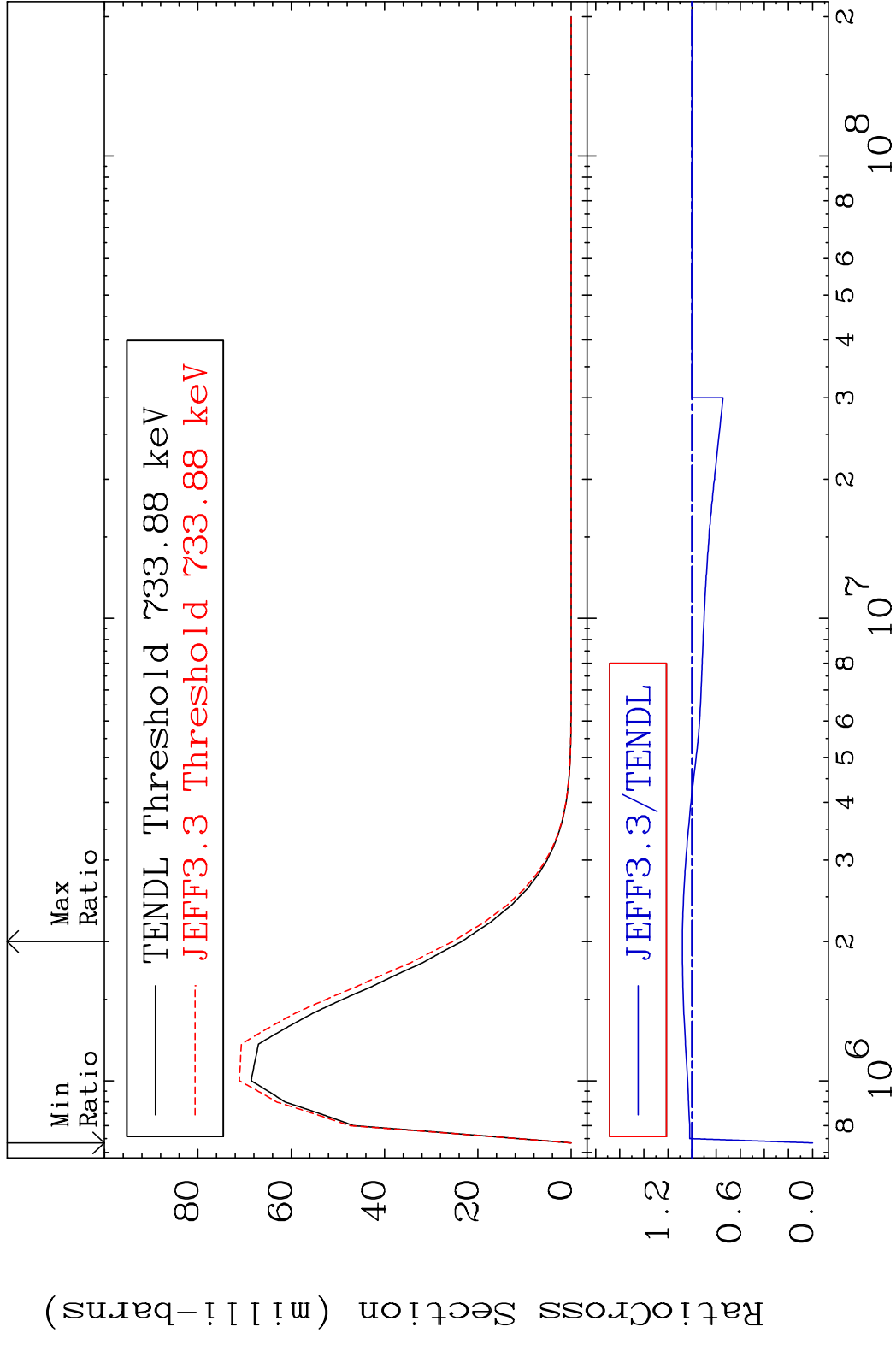
MAT 7440 MT= 66 (n, n') Level 74-W -185
 Cross Section -1.365 To 5.825 %



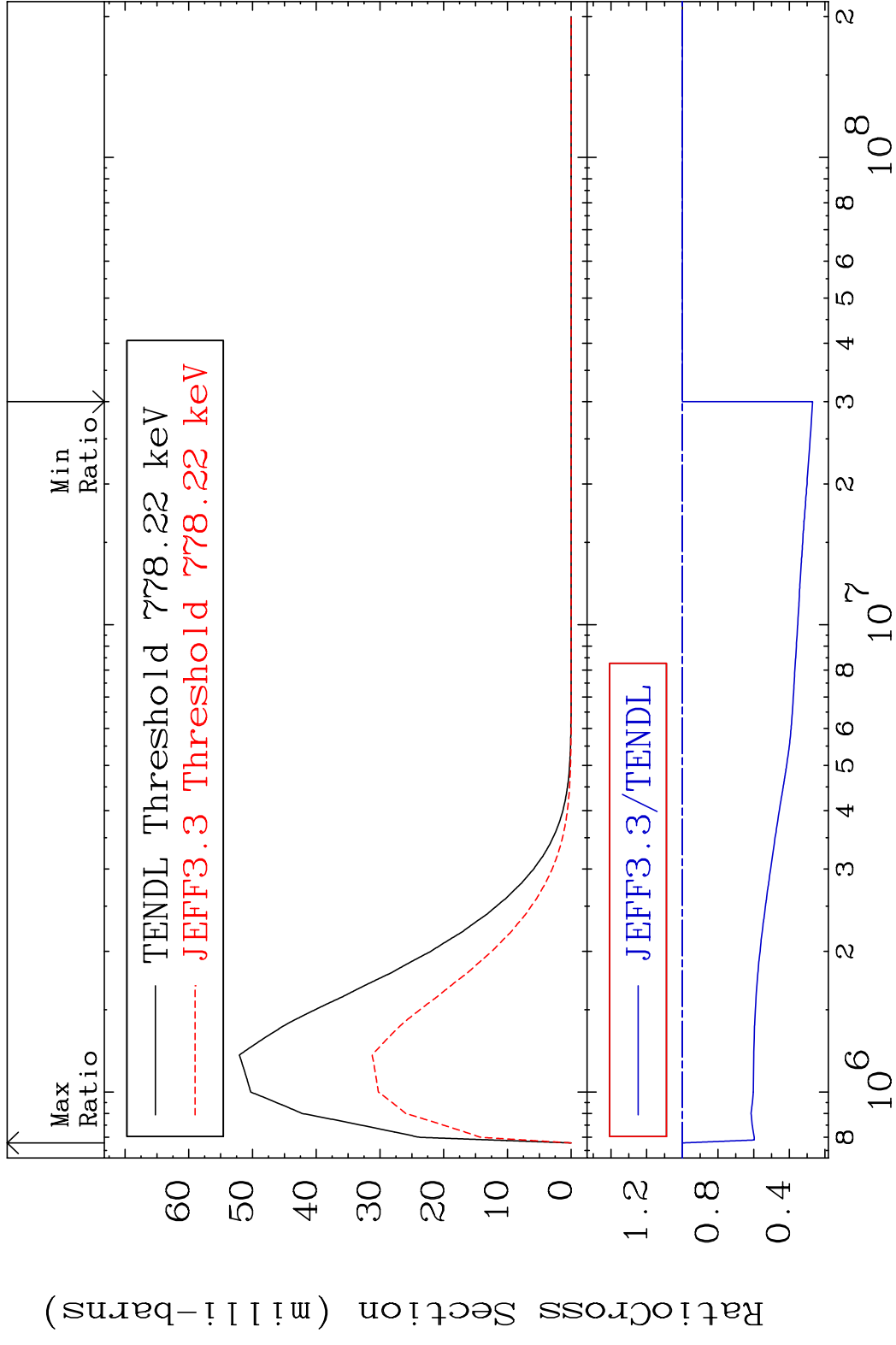
MAT 7440 MT= 67 (n, n') Level 74-W -185
 Cross Section -100.0 To 6.326 %



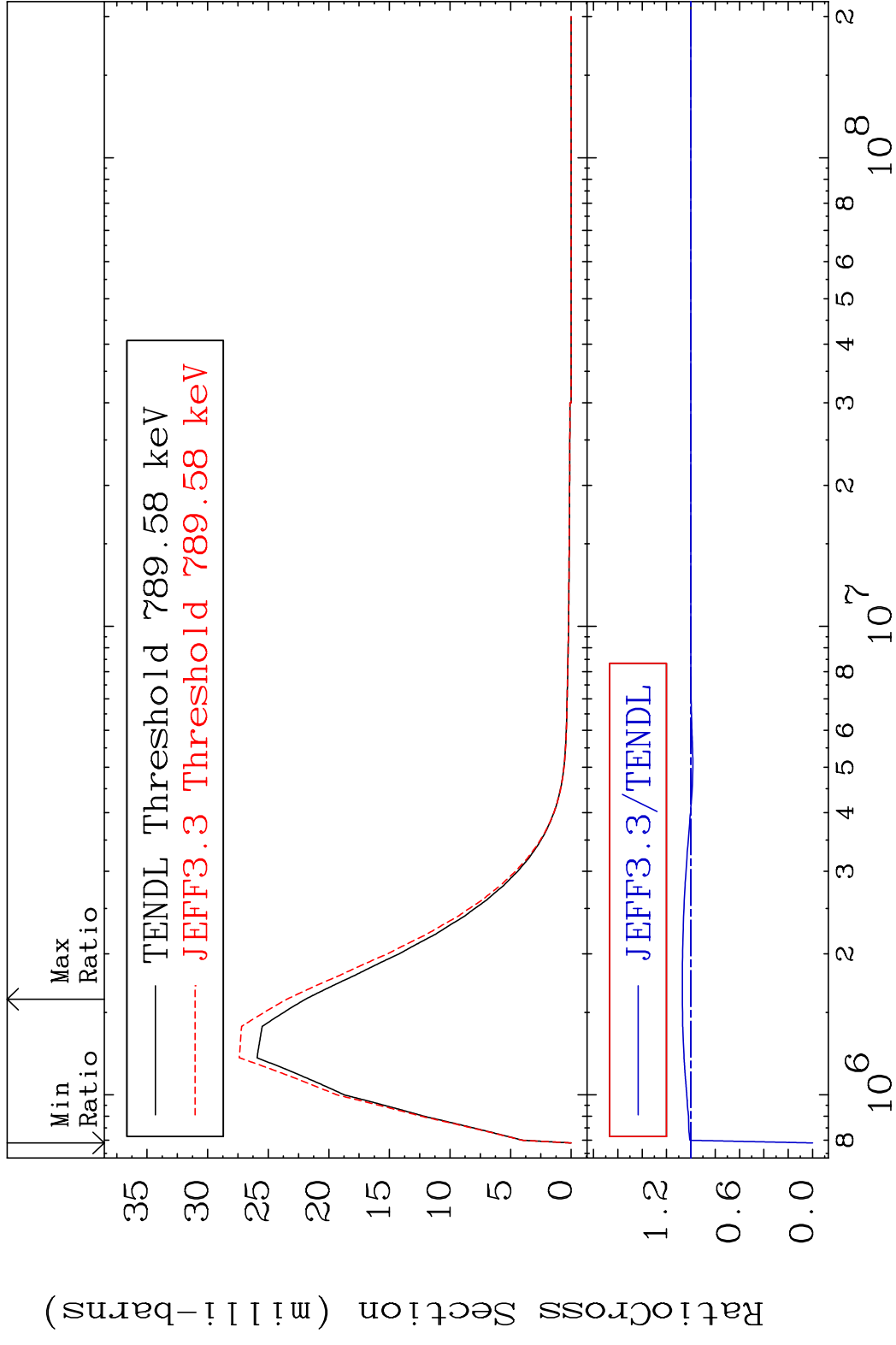
MAT 7440 MT= 68 (n, n') Level 74-W -185
 Cross Section -100.0 To 8.040 %



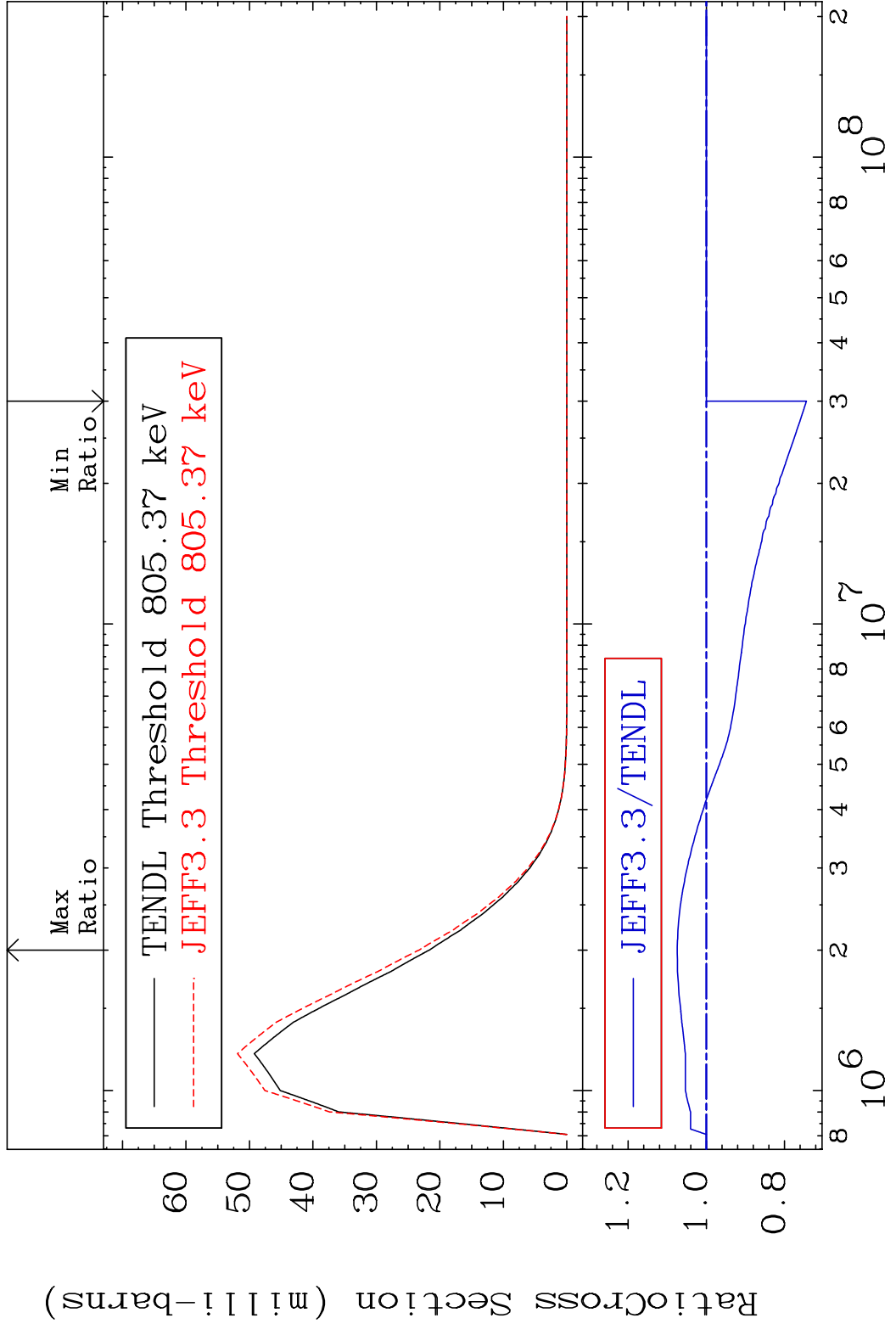
MAT 7440 MT= 70 (n, n') Level 74-W -185
 Cross Section -73.03 To 0.000 %



MAT 7440 MT= 71 (n,n') Level 74-W -185
 Cross Section -100.0 To 6.984 %

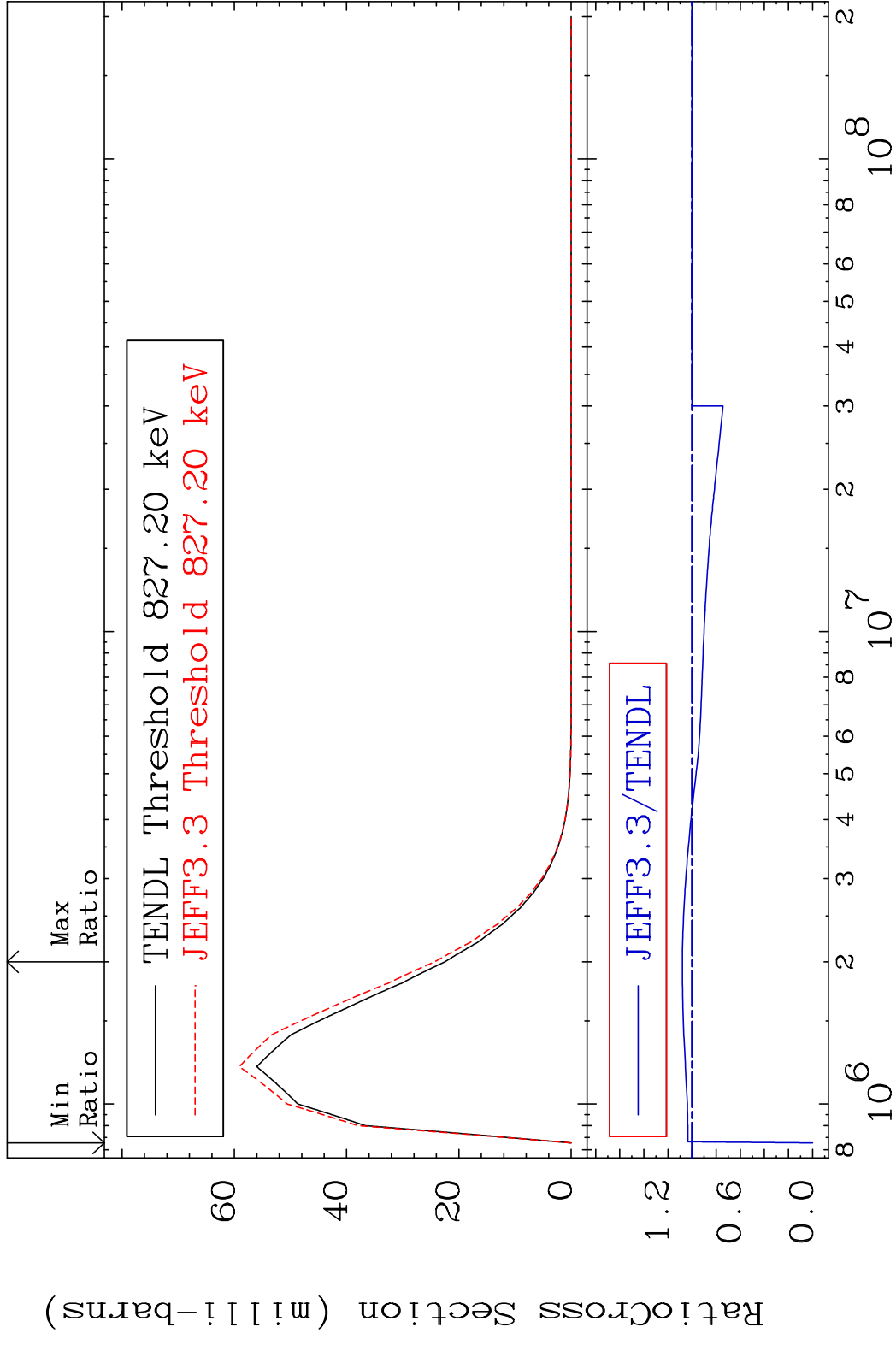


MAT 7440 MT= 72 (n, n') Level 74-W -185
 Cross Section -25.63 To 7.461 %

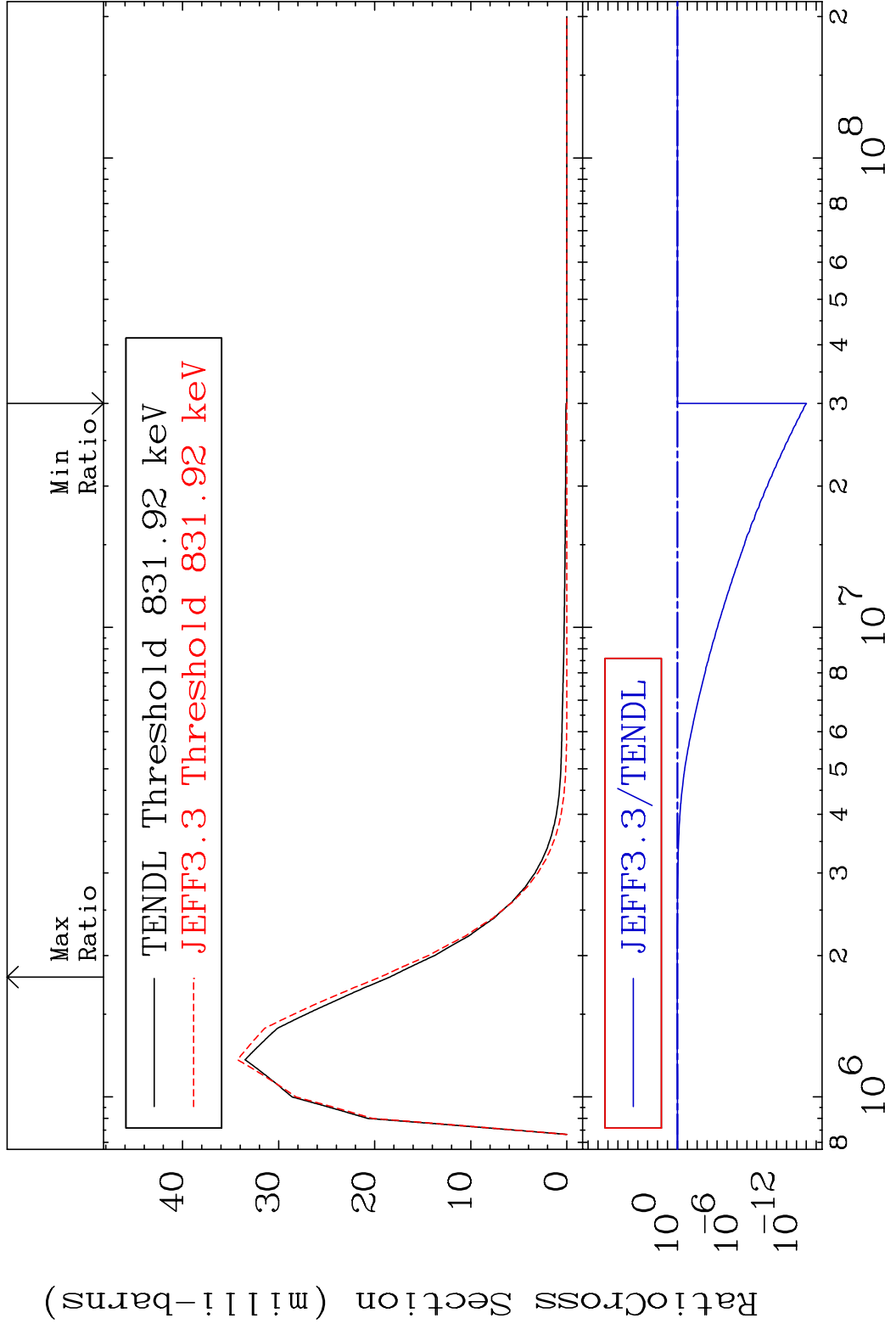


40 8 10⁶ 2 3 4 5 6 8 10⁸ 2 74-W -185

MAT 7440 MT= 73 (n, n') Level 74-W -185
 Cross Section -100.0 To 8.060 %

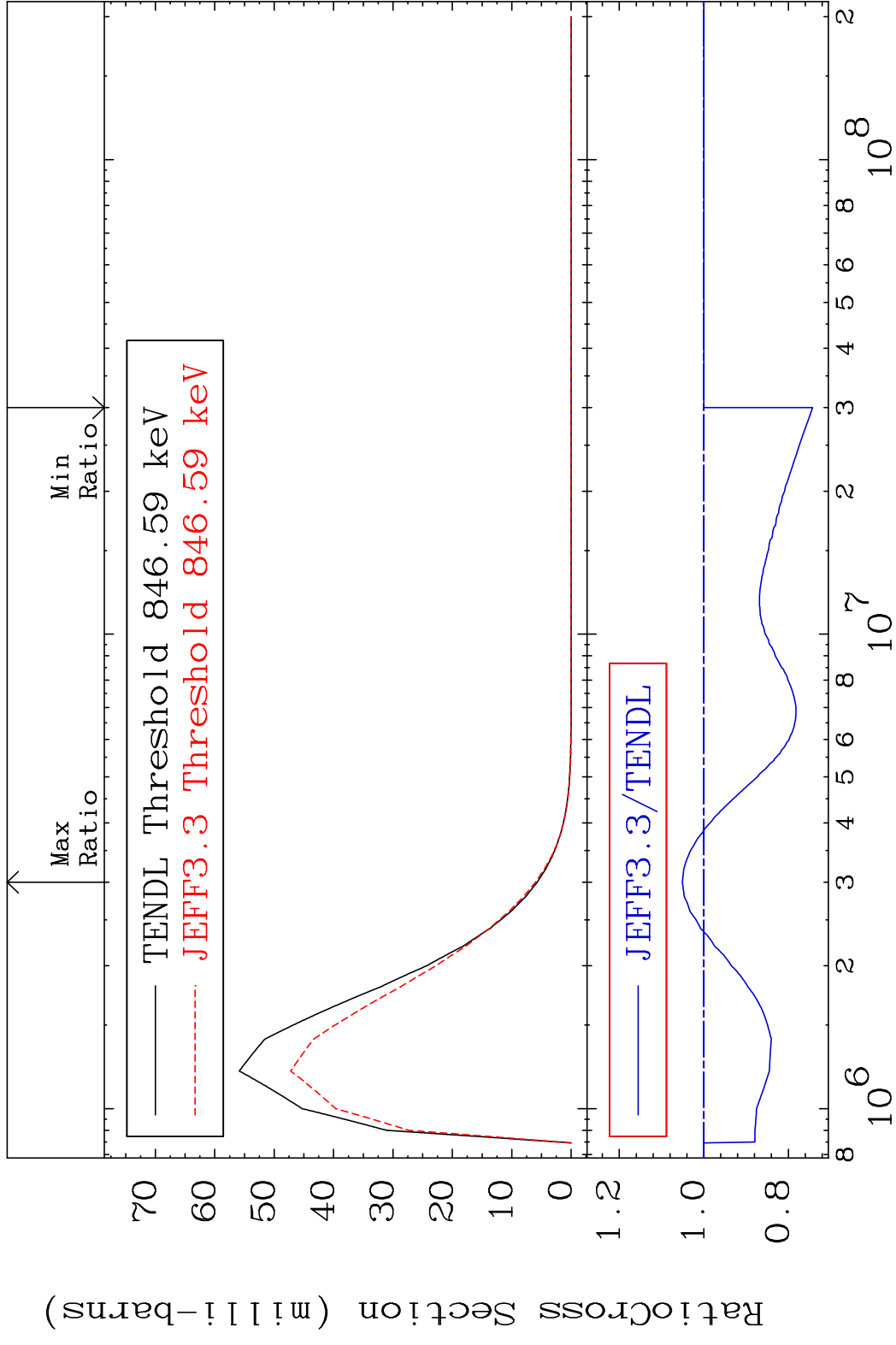


MAT 7440 MT= 74 (n, n') Level 74-W -185
 Cross Section -100.0 To 5.298 %



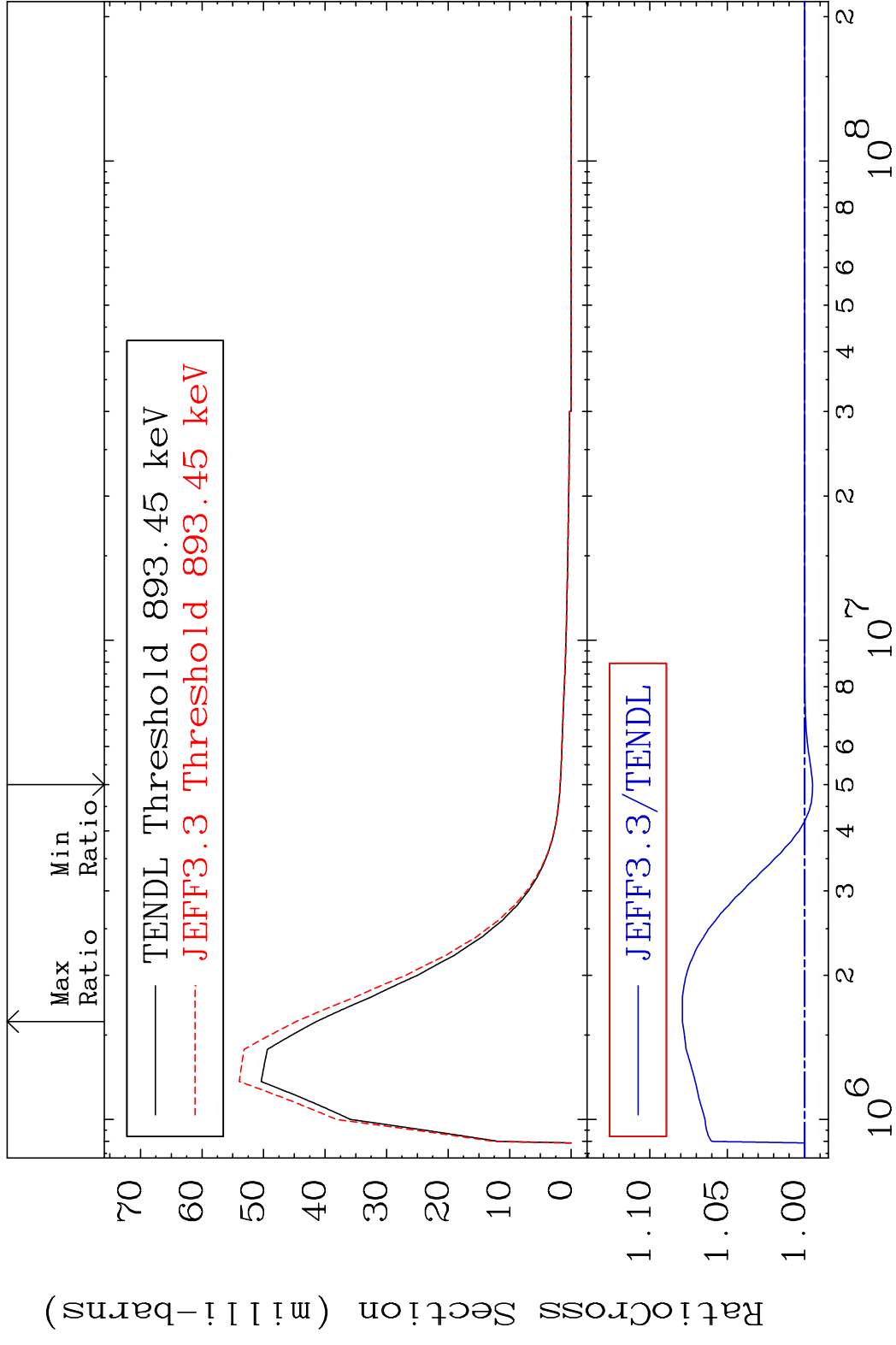
42 Incident Energy (eV) 74-W -185

MAT 7440 MT= 75 (n,n') Level 74-W -185
 Cross Section -25.73 To 5.084 %

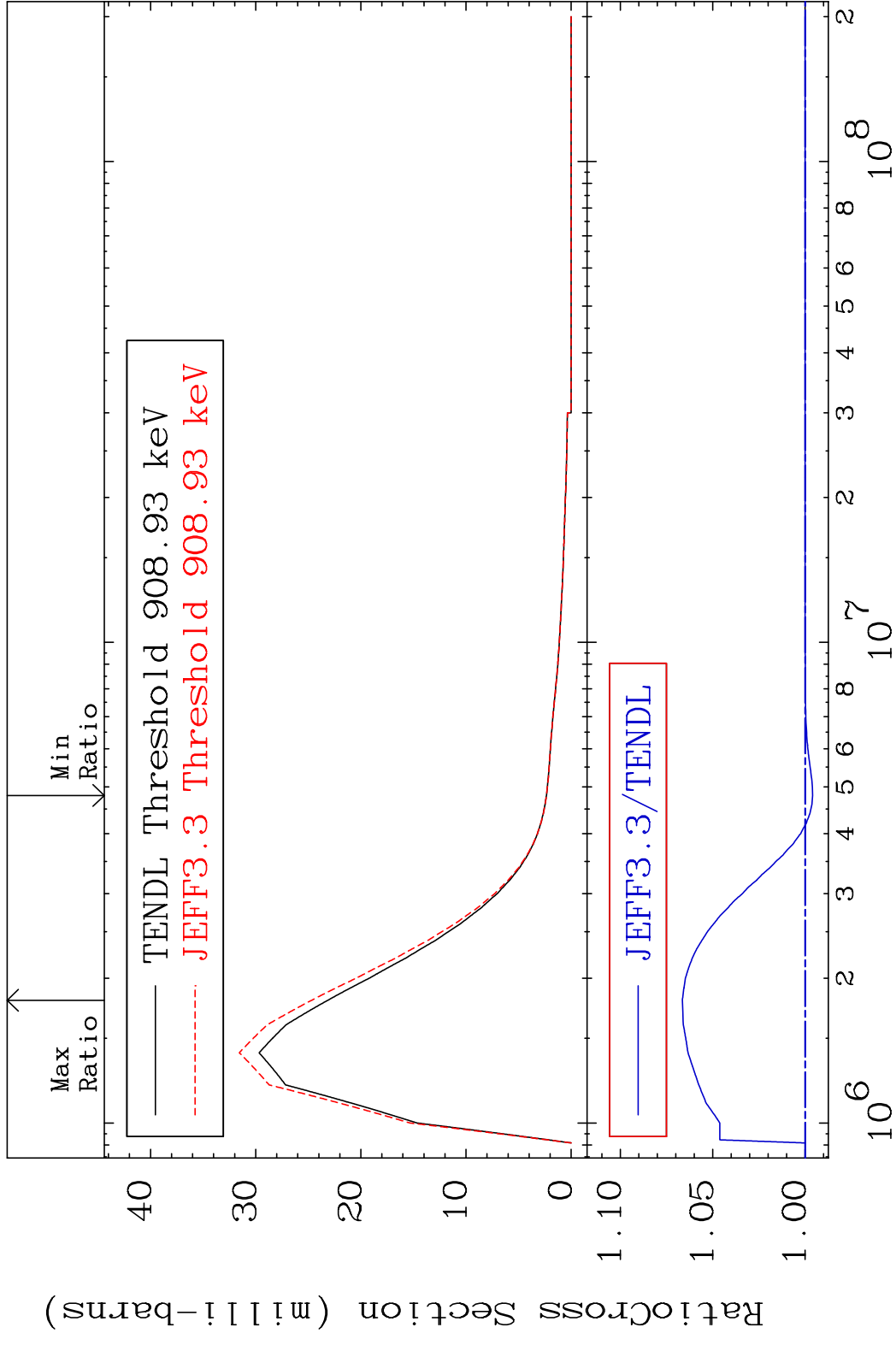


43 Incident Energy (eV) 74-W -185

MAT 7440 MT= 76 (n,n') Level 74-W -185
 Cross Section -0.513 To 7.902 %

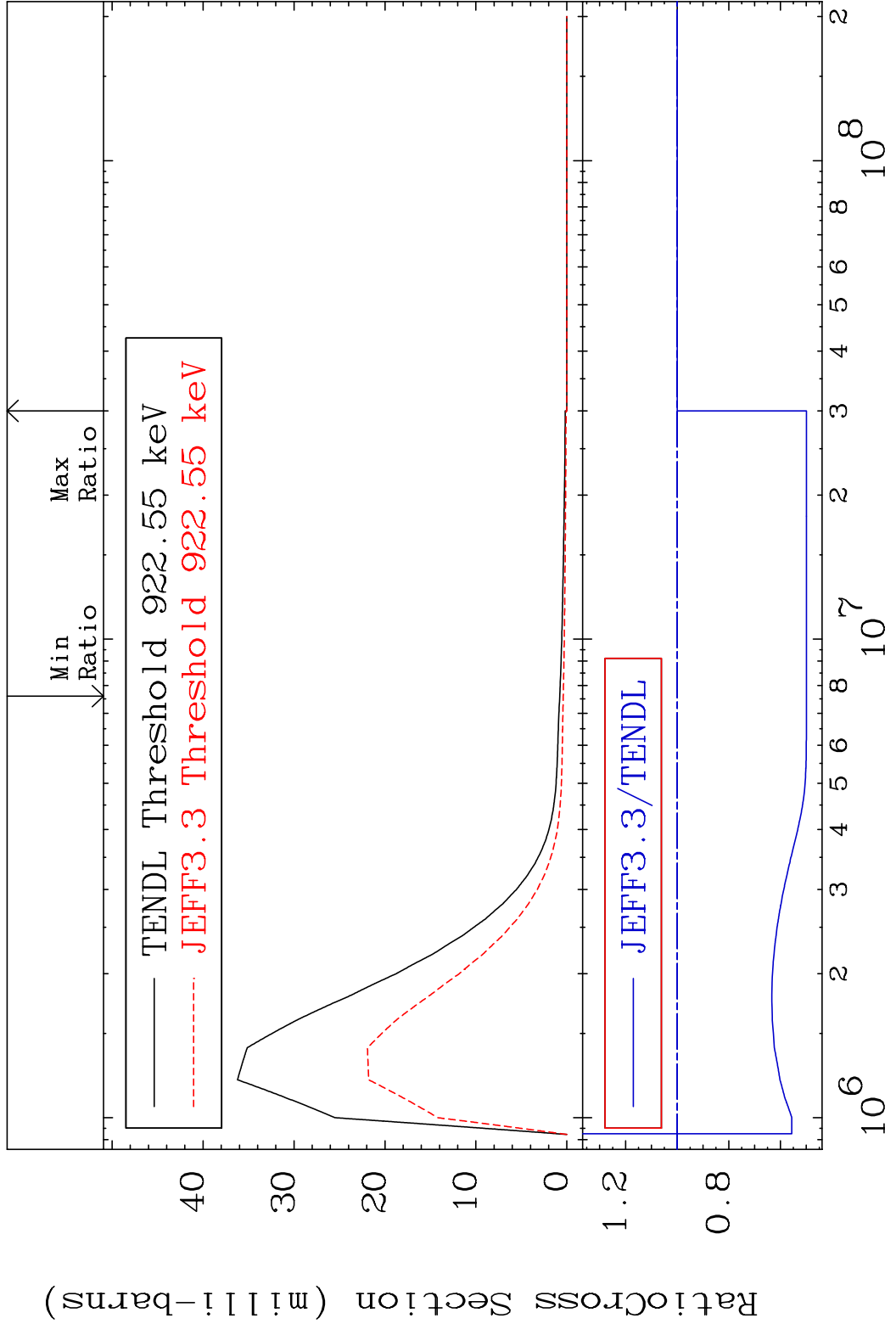


MAT 7440 MT= 77 (n, n') Level 74-W -185
 Cross Section -0.399 To 6.644 %



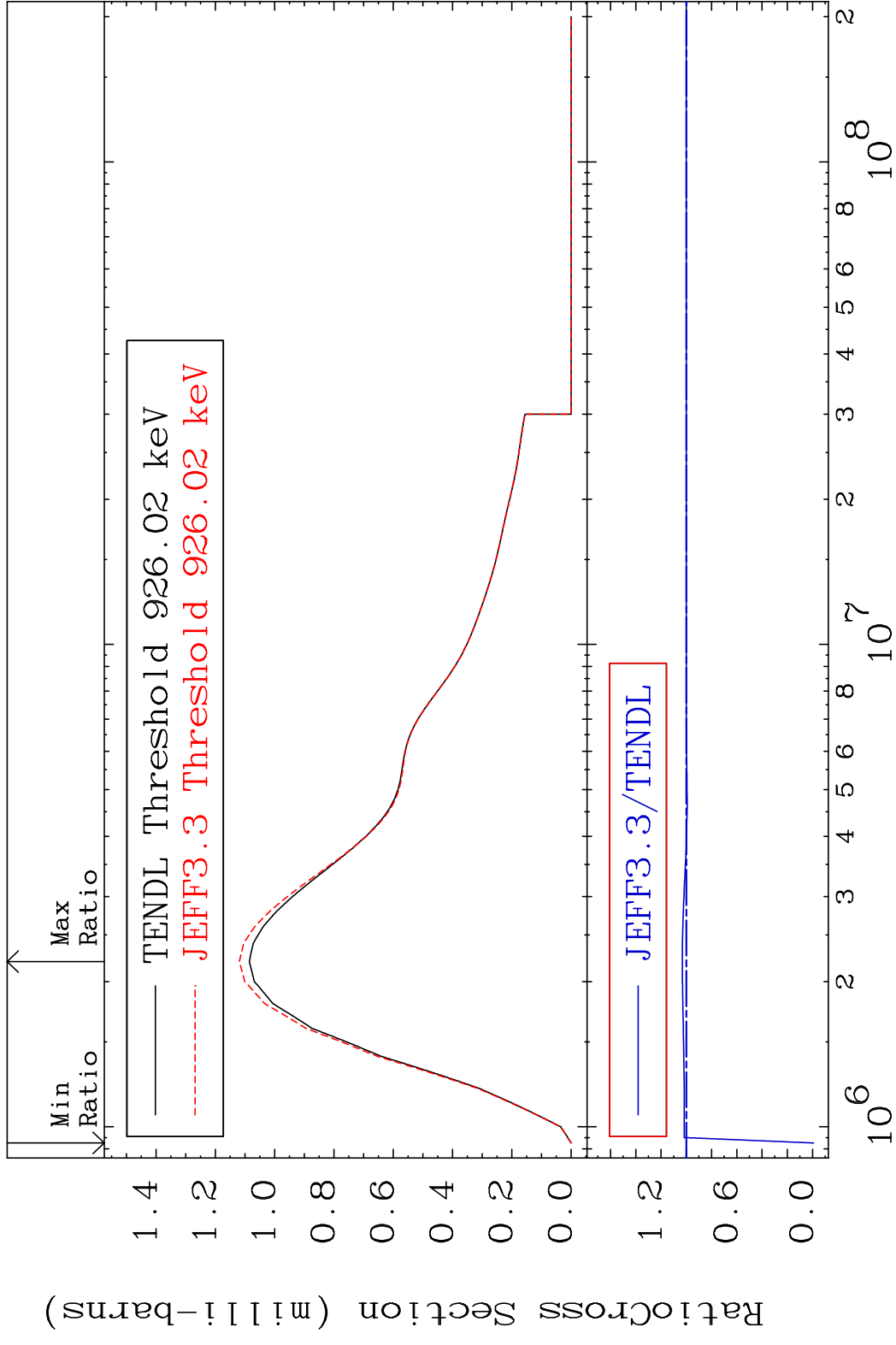
45 Incident Energy (eV) 74-W -185

MAT 7440 MT= 78 (n, n') Level 74-W -185
 Cross Section -50.03 To 0.000 %

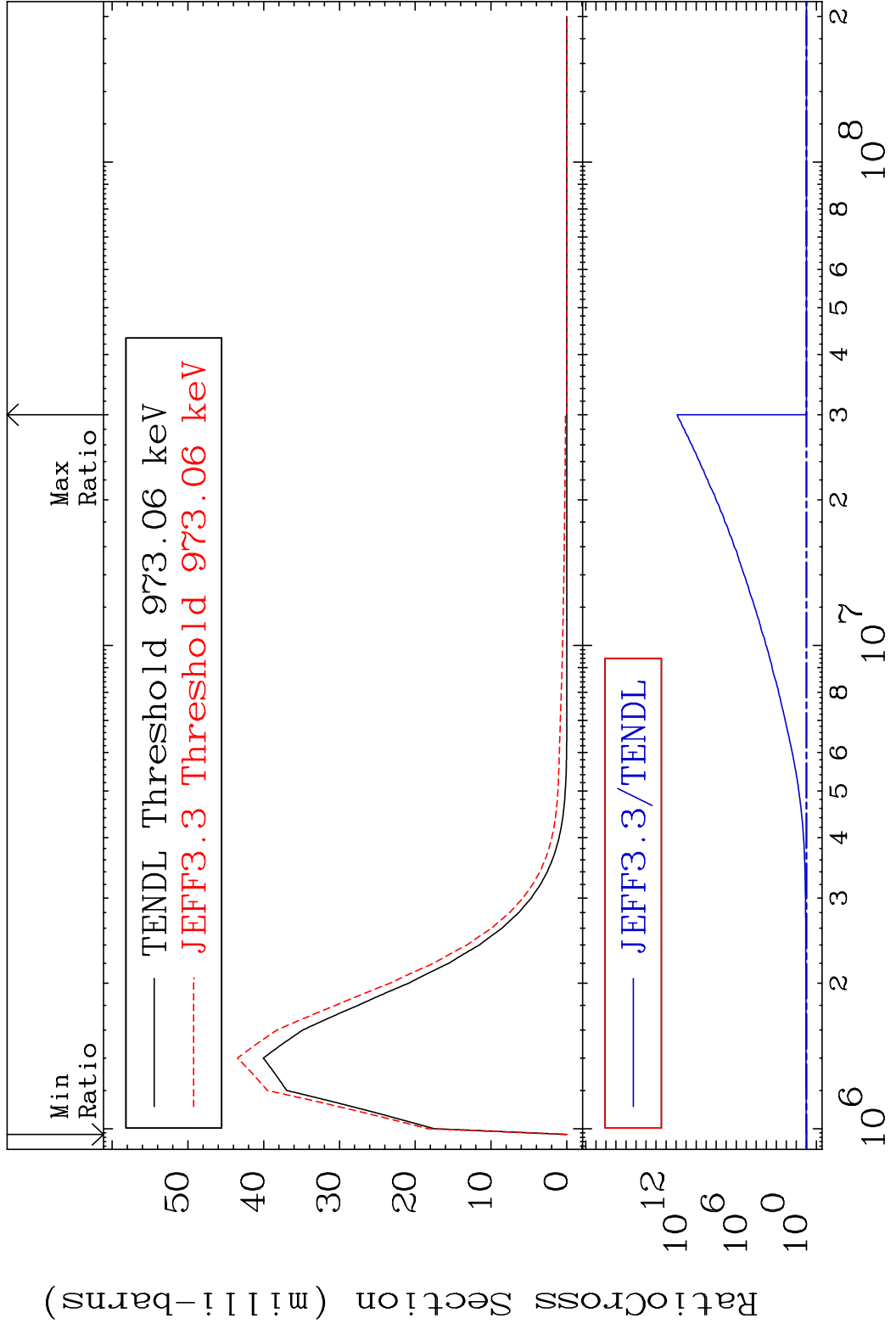


46 Incident Energy (eV) 74-W -185

MAT 7440 MT= 79 (n, n') Level 74-W -185
 Cross Section -100.0 To 3.102 %



MAT 7440 MT= 80 (n, n') Level 74-W -185
 Cross Section 0.000 To 9999. %



48 Incident Energy (eV) 74-W -185

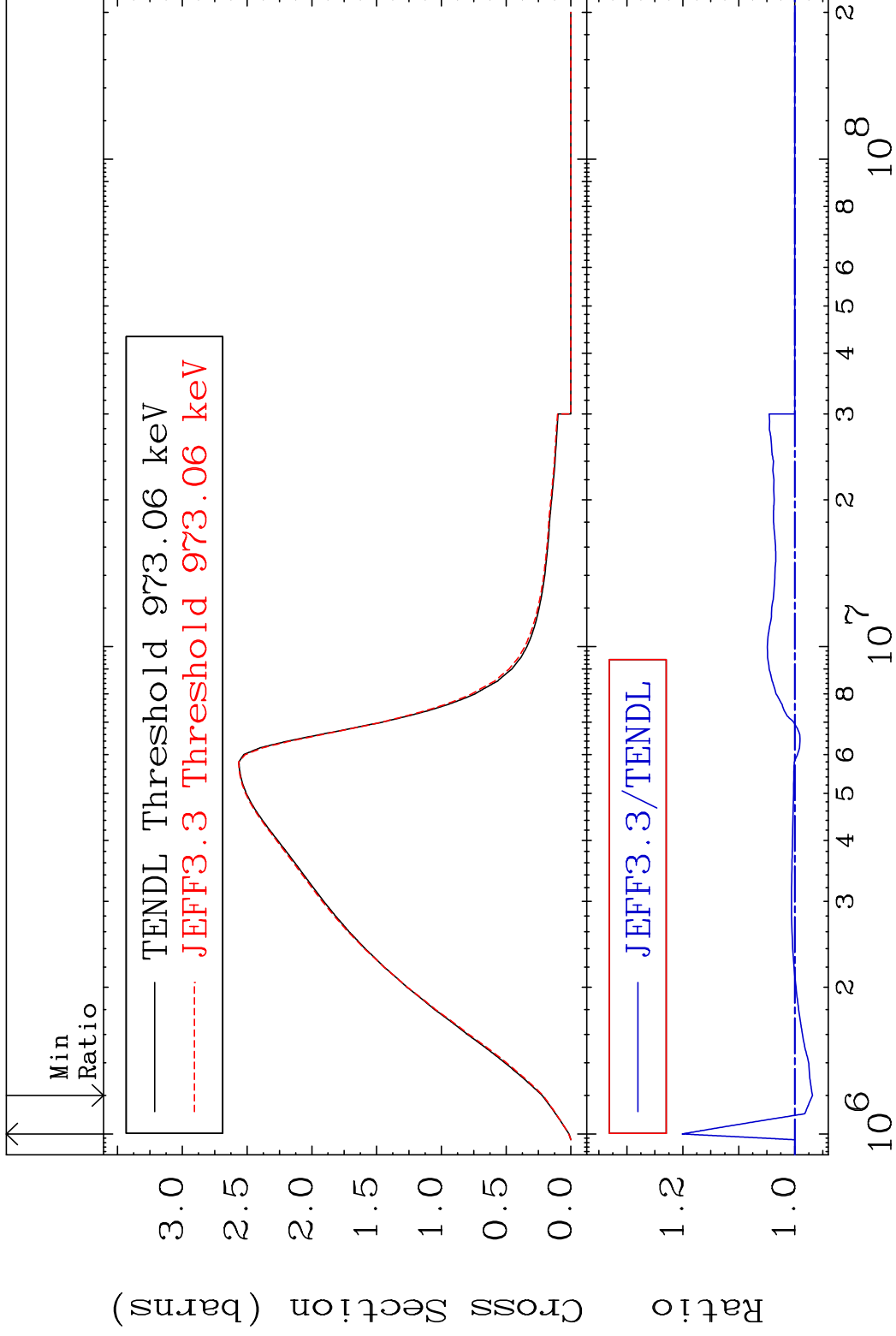
MAT 7440

(n, n') Continuum

74-W -185

Cross Section

-3.159 To 20.12 %



49

Incident Energy (eV)

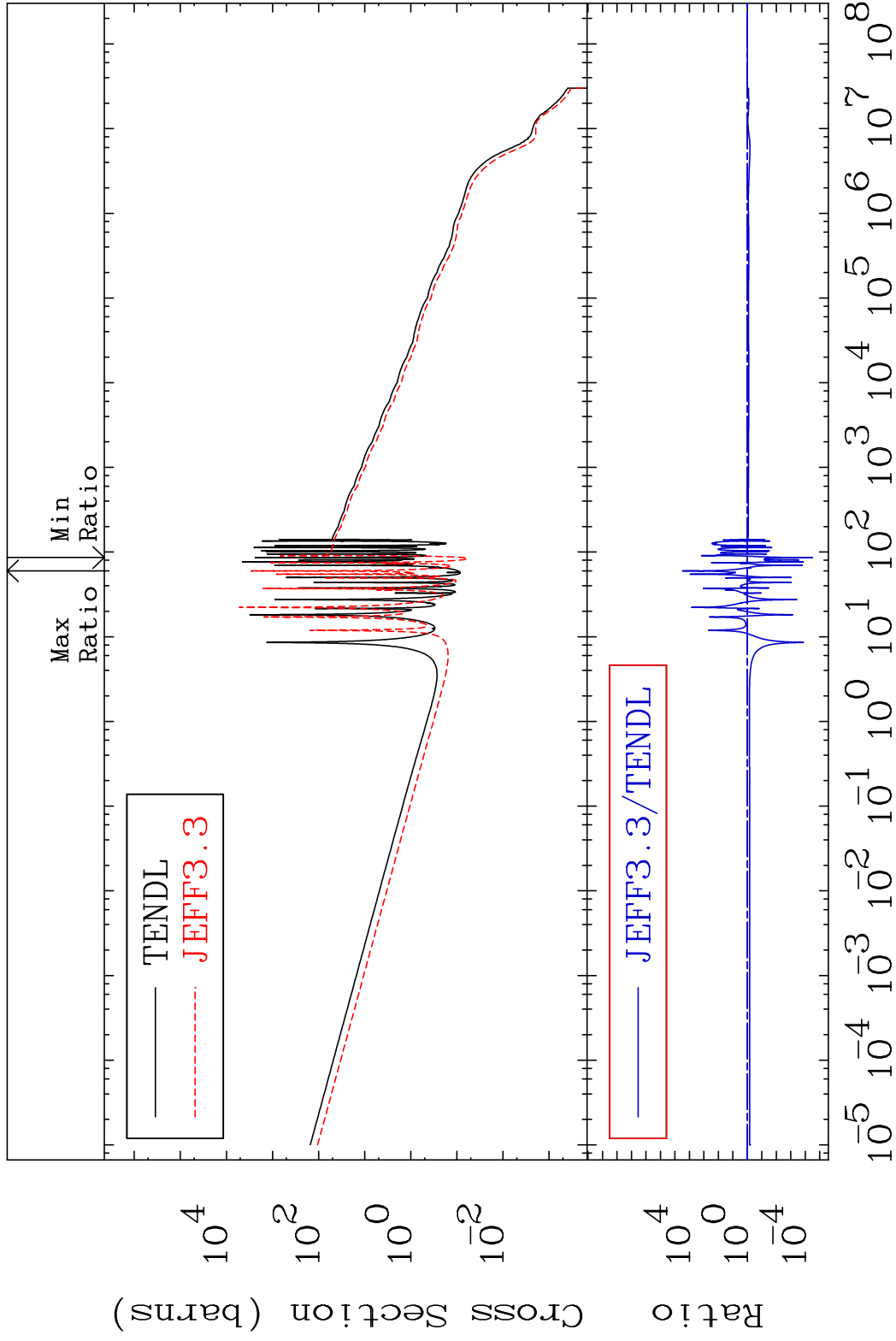
74-W -185

MAT 7440

(n, γ)

74-W -185

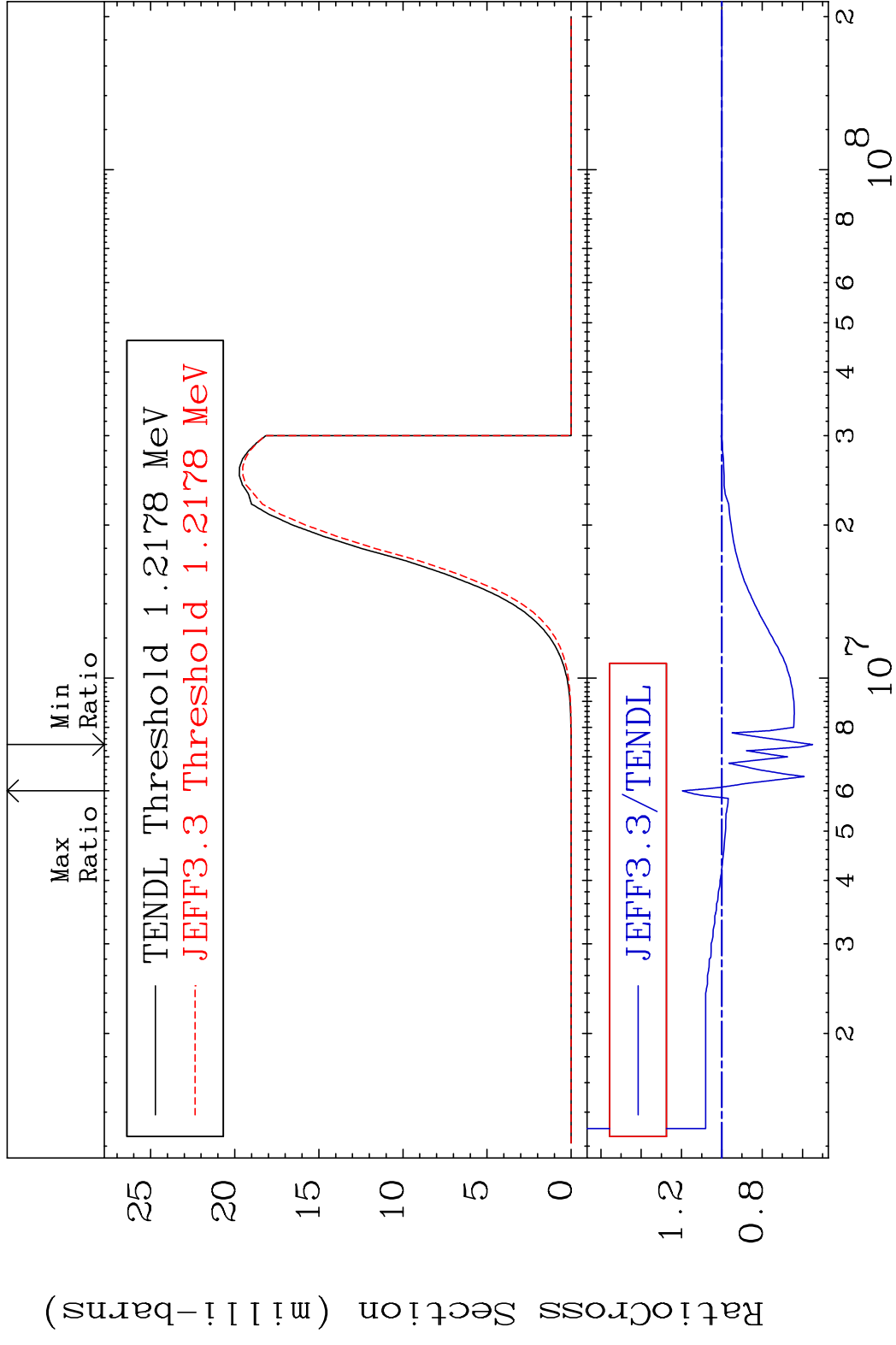
Cross Section -100.0 To 9999. %



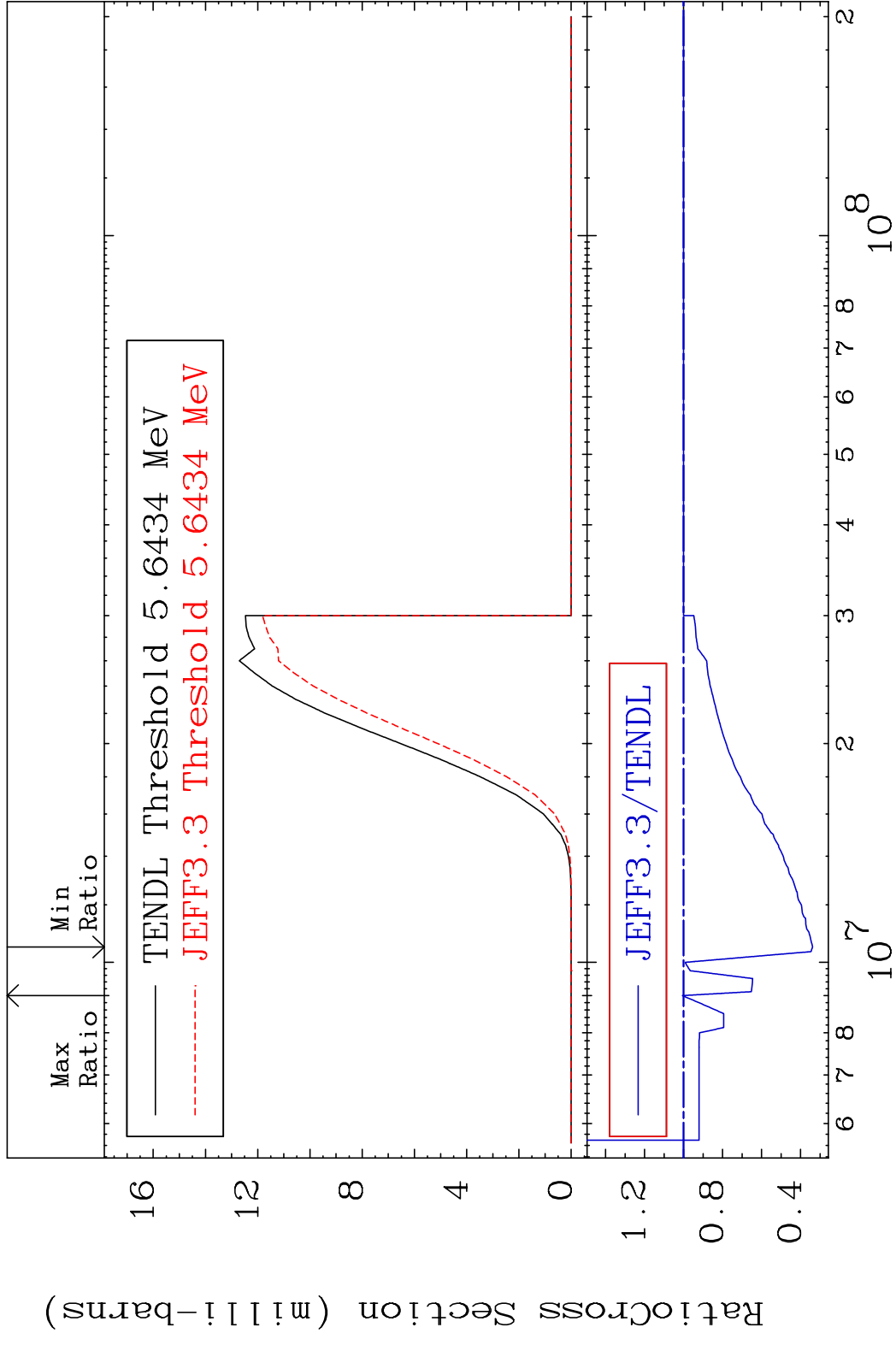
50

Incident Energy (eV)

74-W -185



MAT 7440 (n,d) 74-W -185
 Cross Section -66.12 To 0.635 %

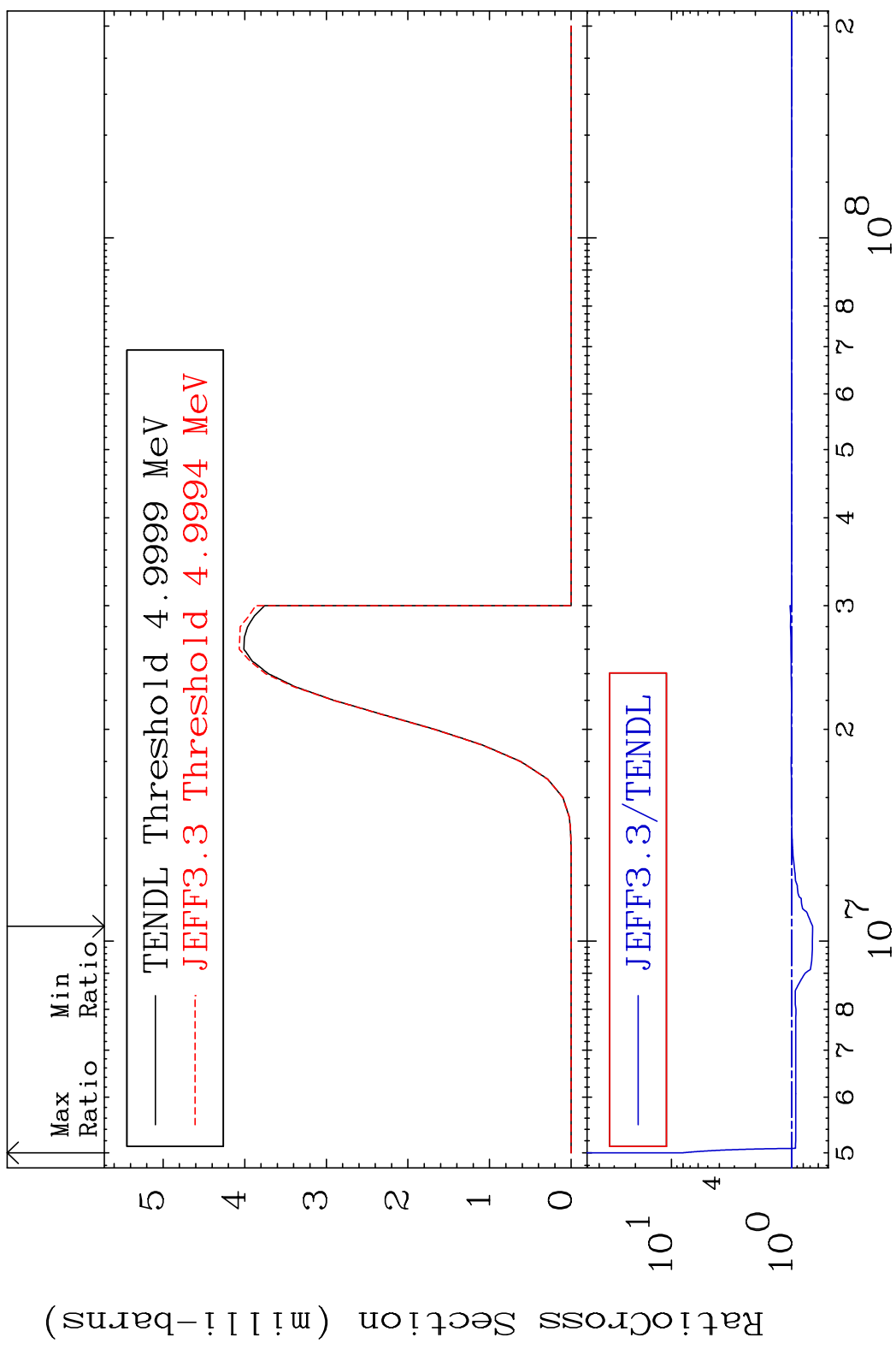


MAT 7440

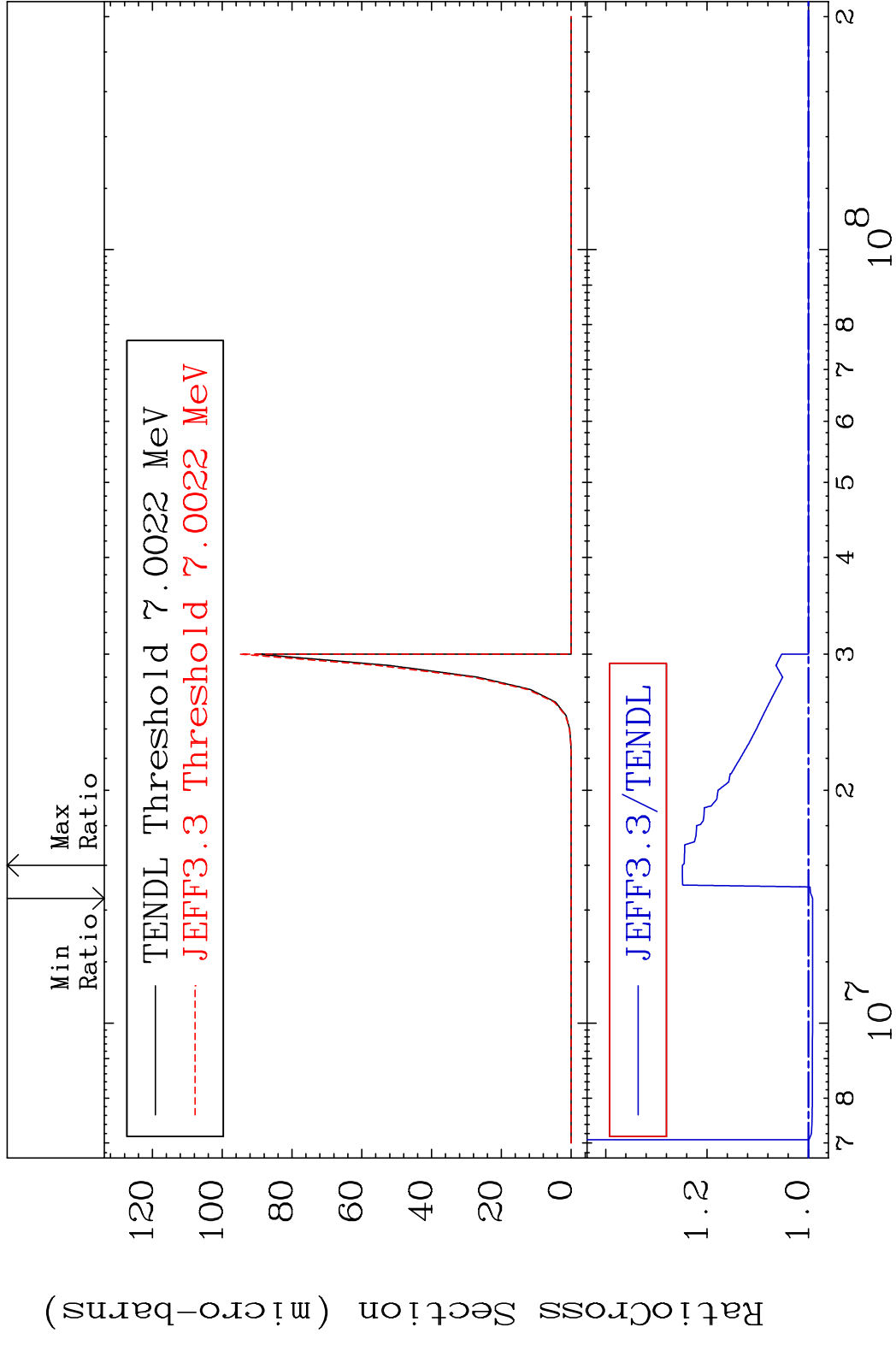
(n, t)

74-W -185

Cross Section -33.09 To 712.4 %



MAT 7440 (n, He-3) 74-W -185
 Cross Section -0.816 To 24.87 %

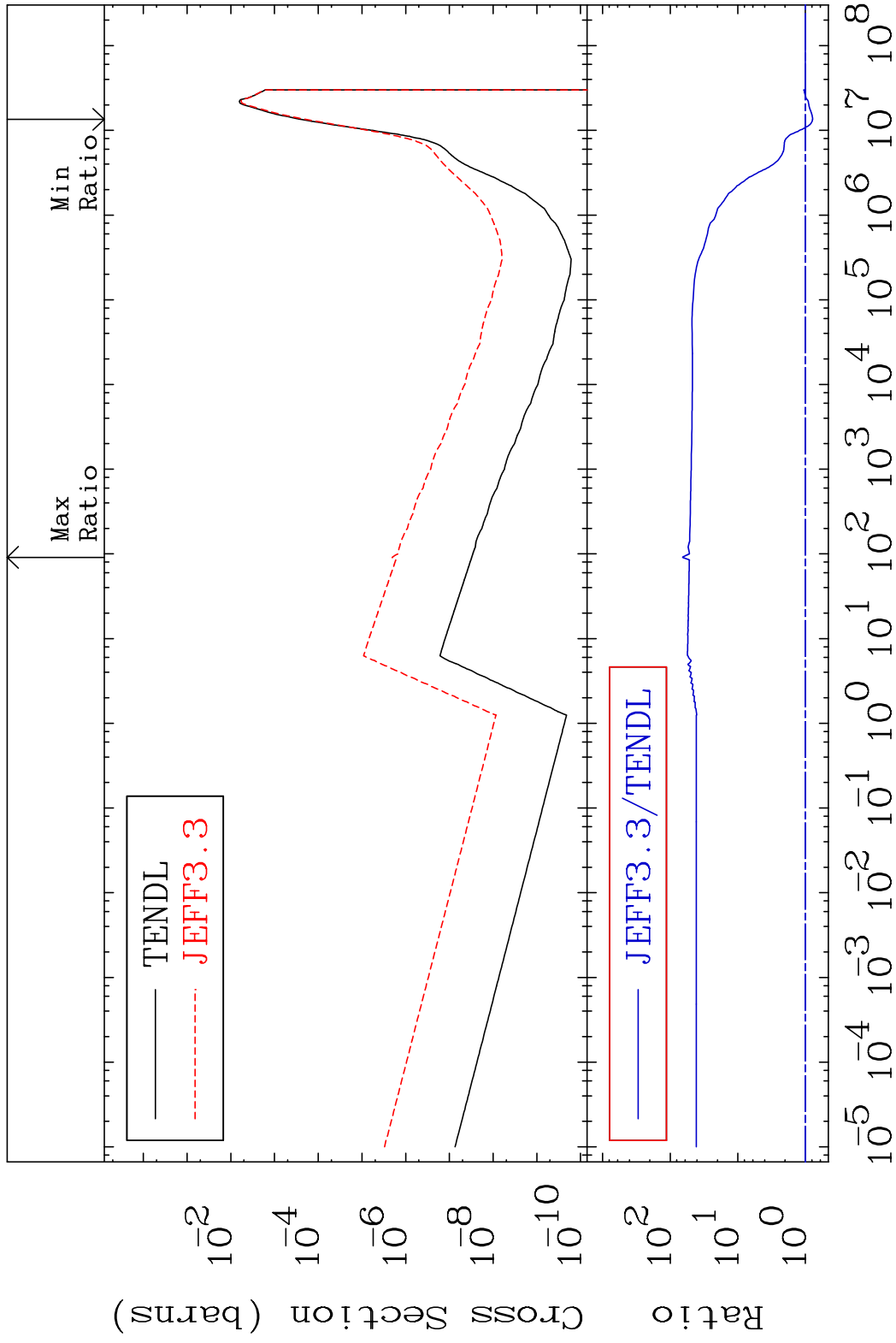


MAT 7440

(n, α)

74-W -185

Cross Section -21.75 To 6508. %



55

Incident Energy (eV)

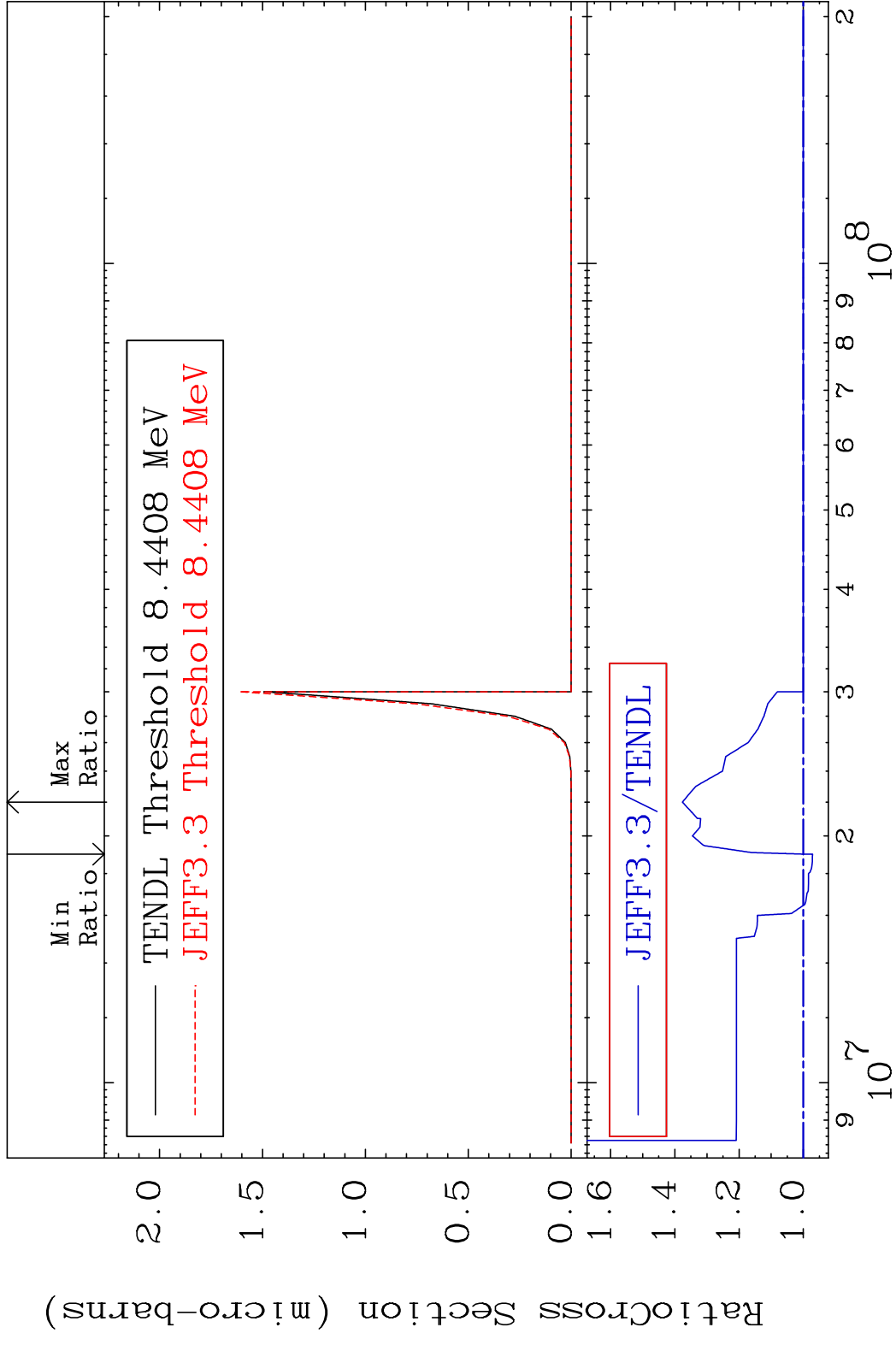
74-W -185

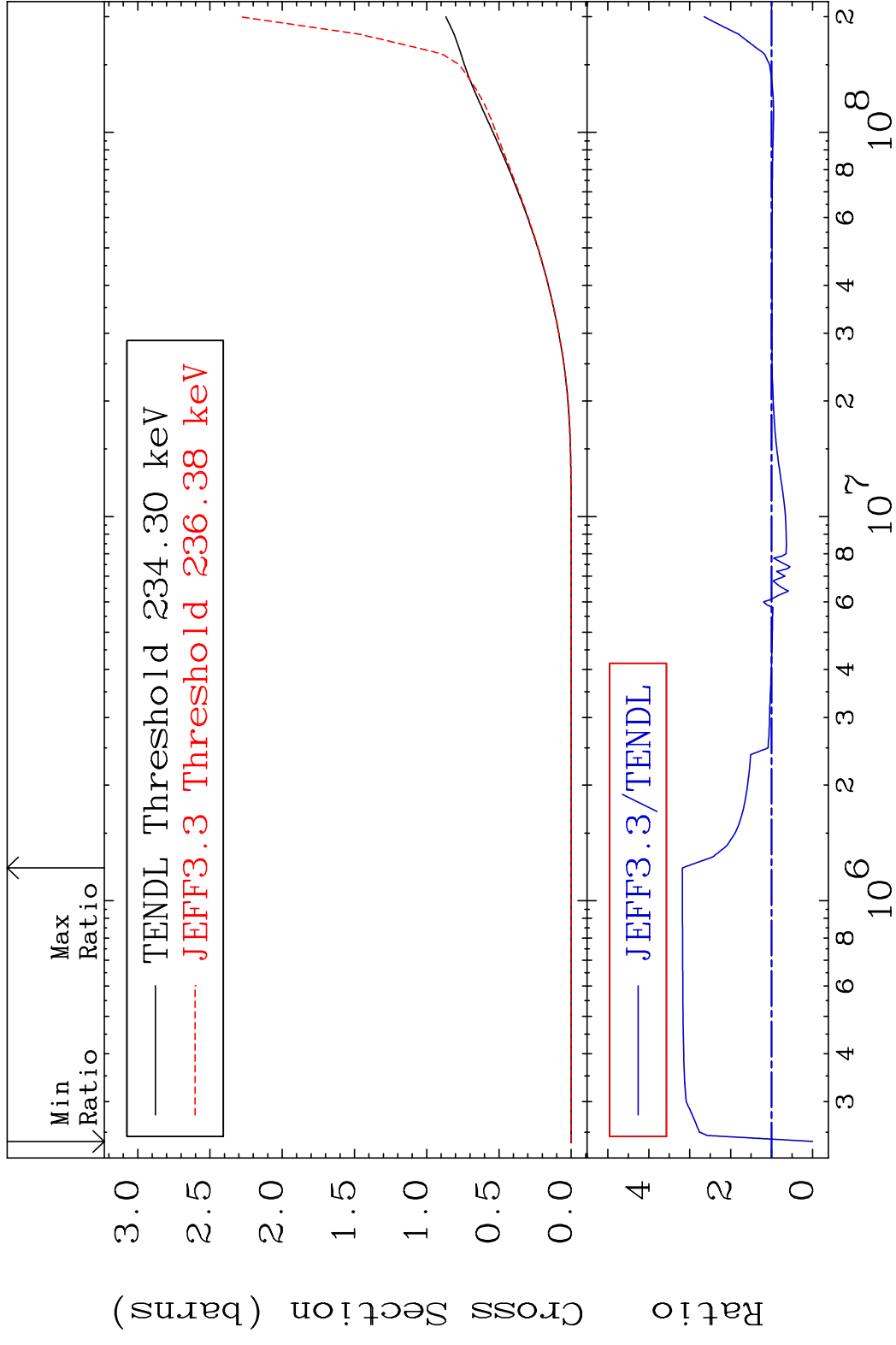
MAT 7440

(n,2p)

74-W -185

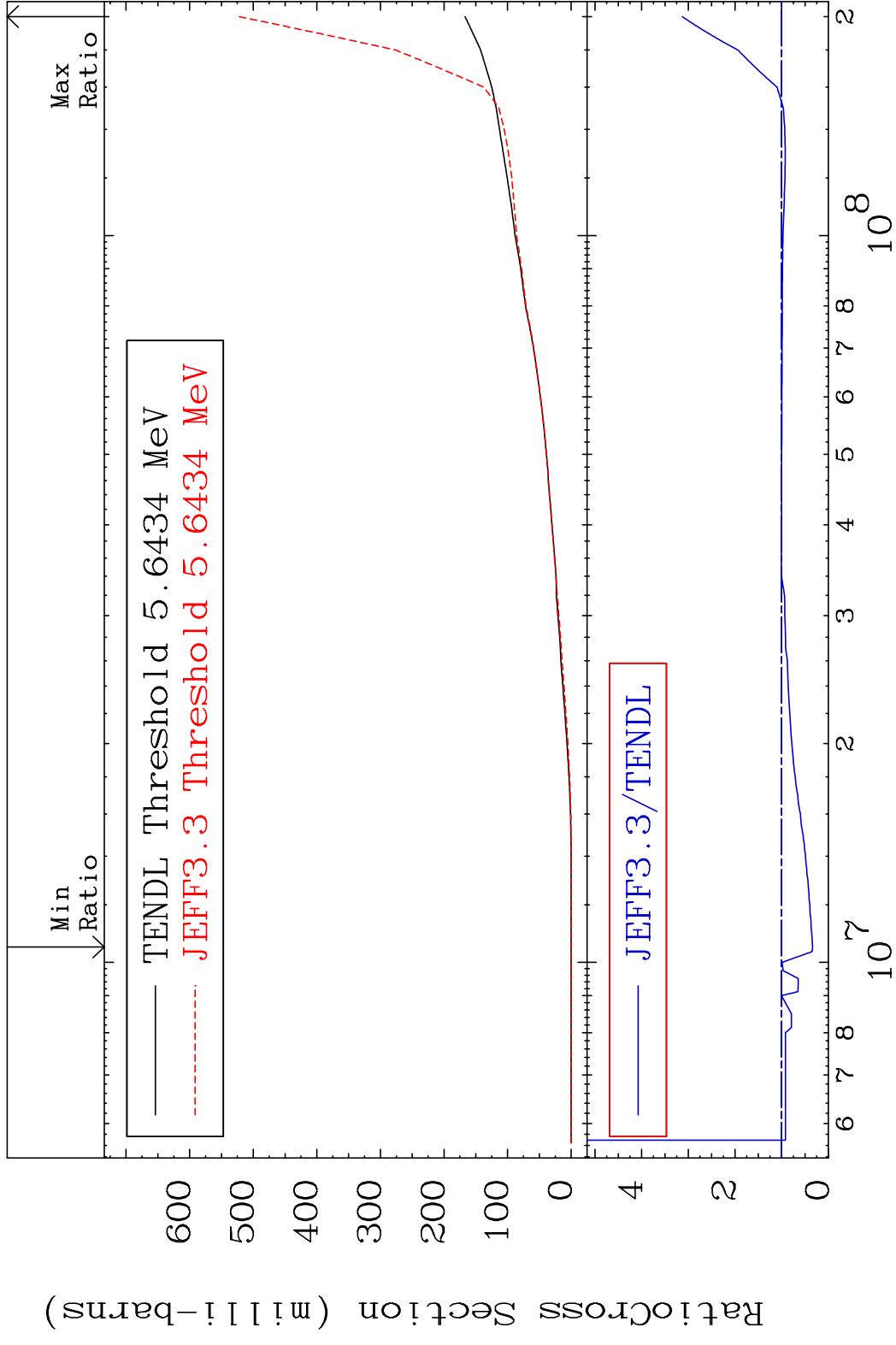
Cross Section -2.872 To 37.65 %





MAT 7440

Deuterium Production 74-W -185
Cross Section -66.12 To 212.8 %

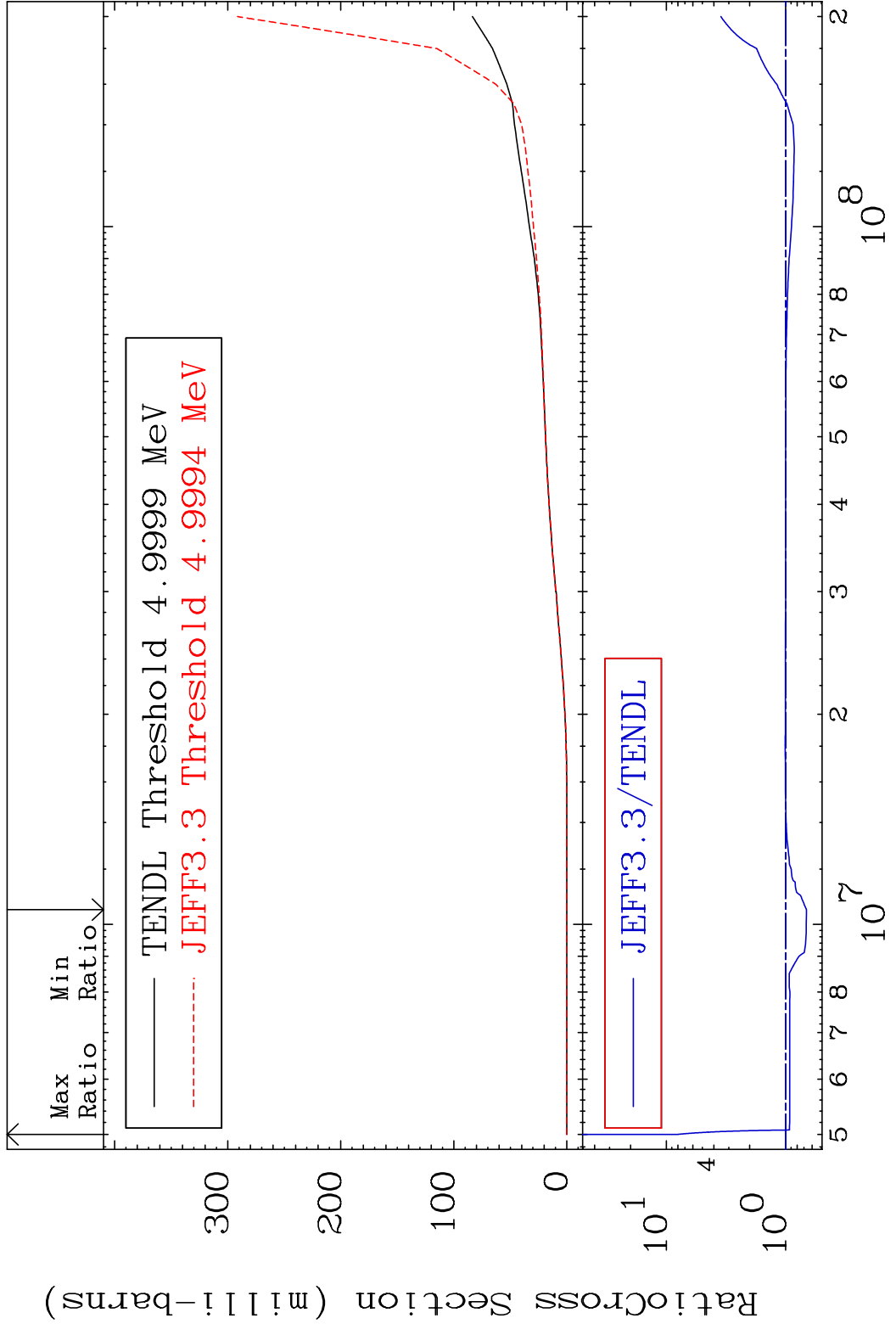


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Incident Energy (eV) 74-W -185

MAT 7440

Tritium Production 74-W -185
Cross Section -33.09 To 712.4 %



60

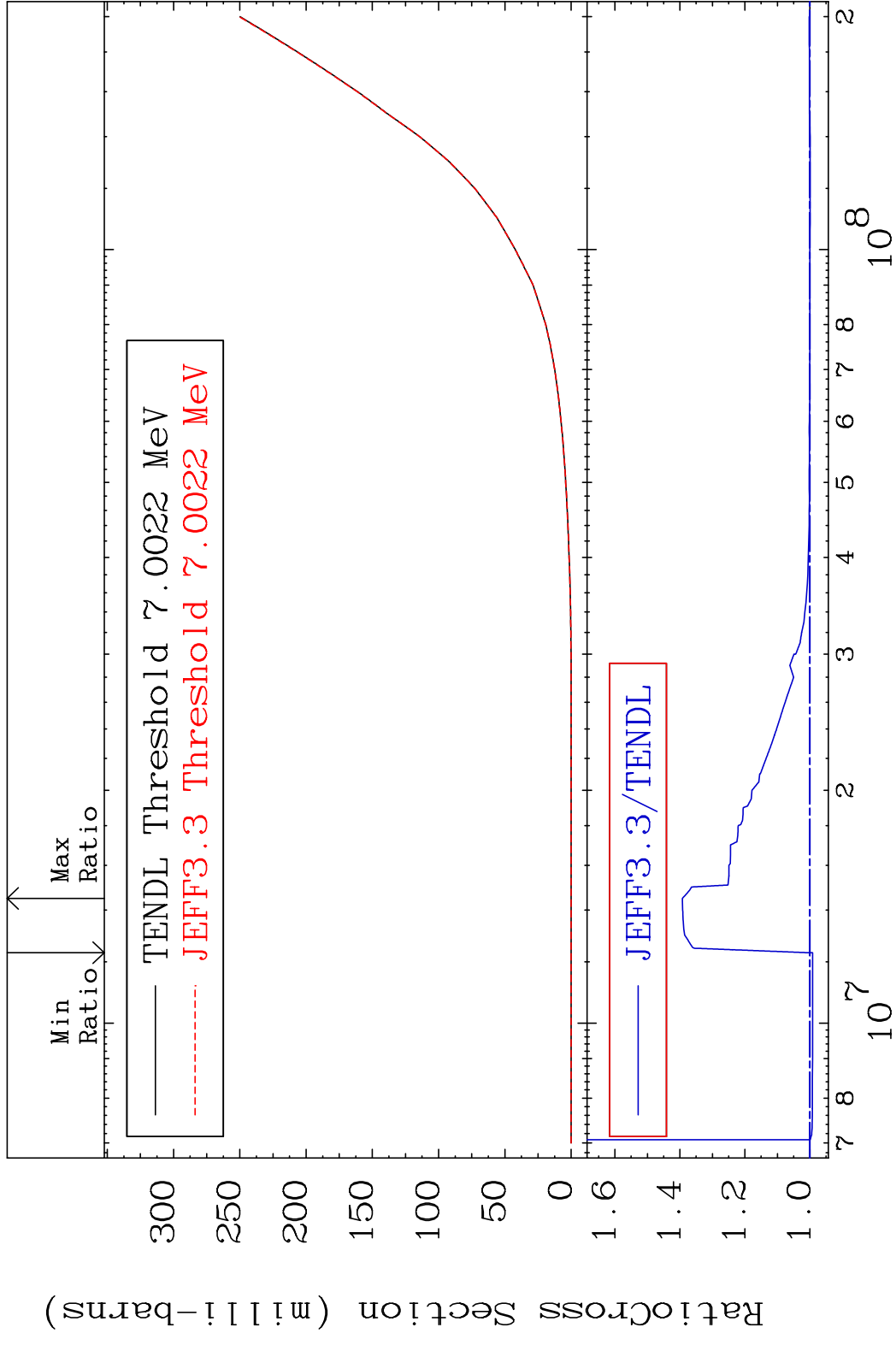
Incident Energy (eV) 74-W -185

MAT 7440

He-3 Production

74-W -185

Cross Section -0.813 To 39.25 %

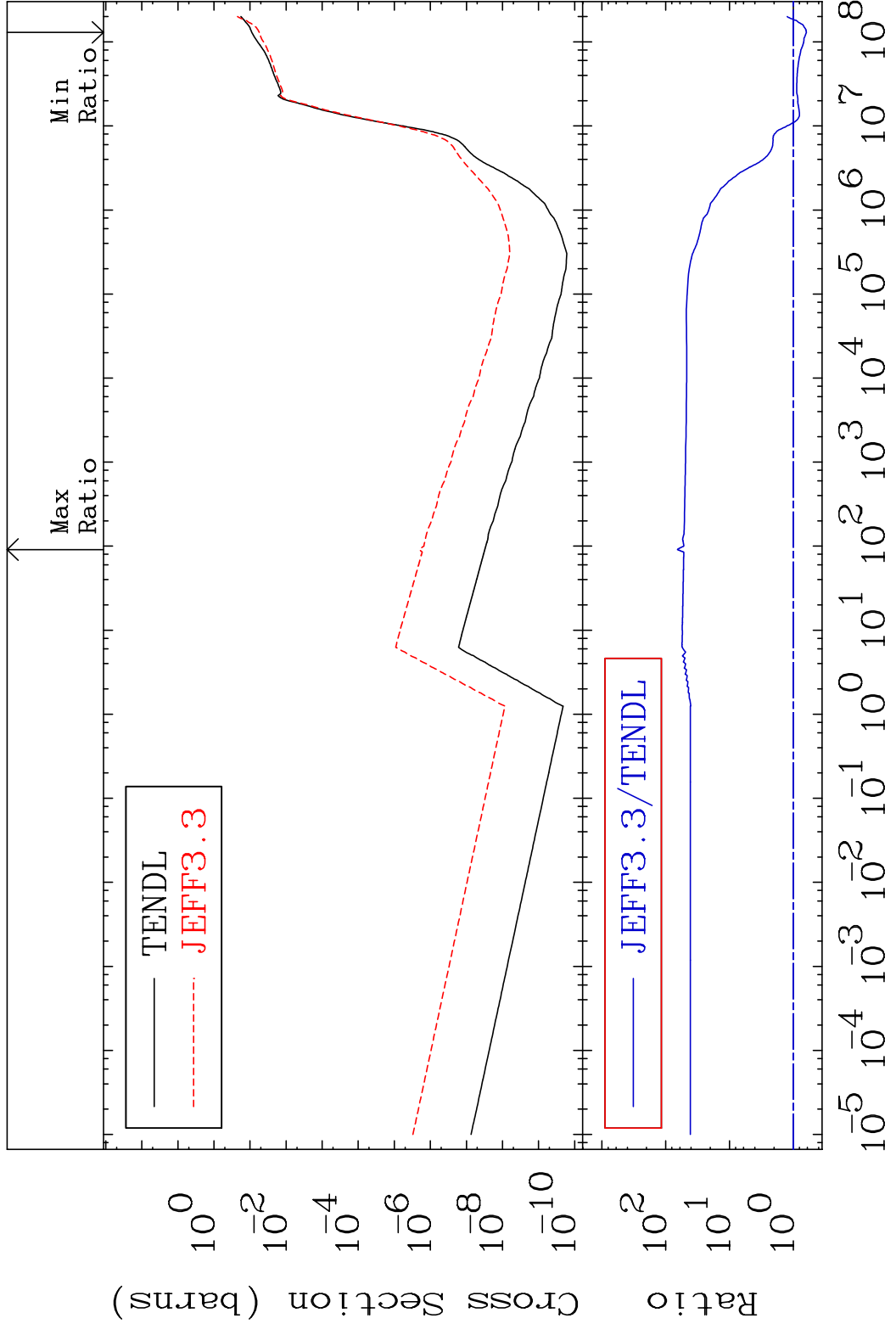


MAT 7440

He-4 Production

74-W -185

Cross Section -37.81 To 6508. %

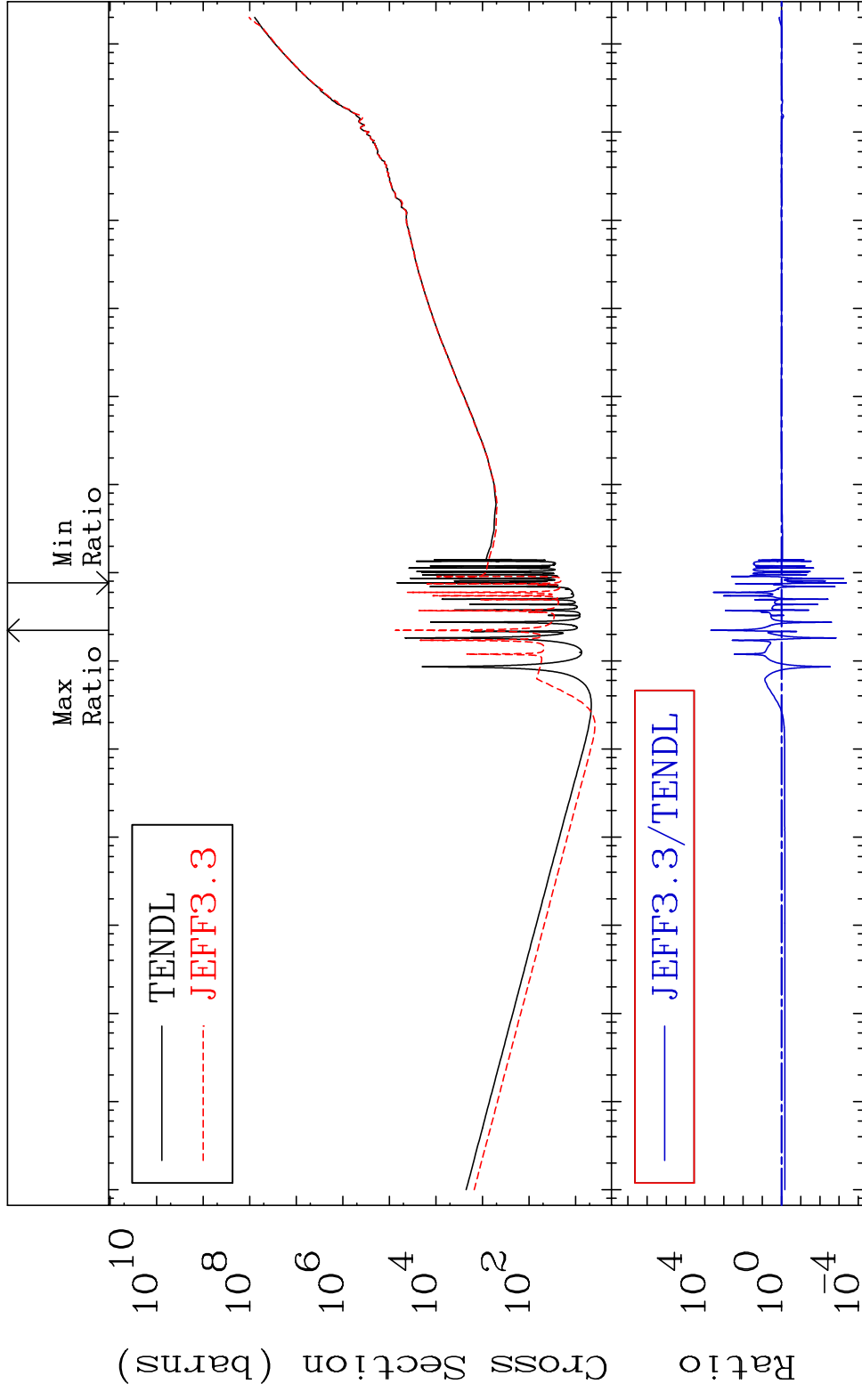


62

Incident Energy (eV)

74-W -185

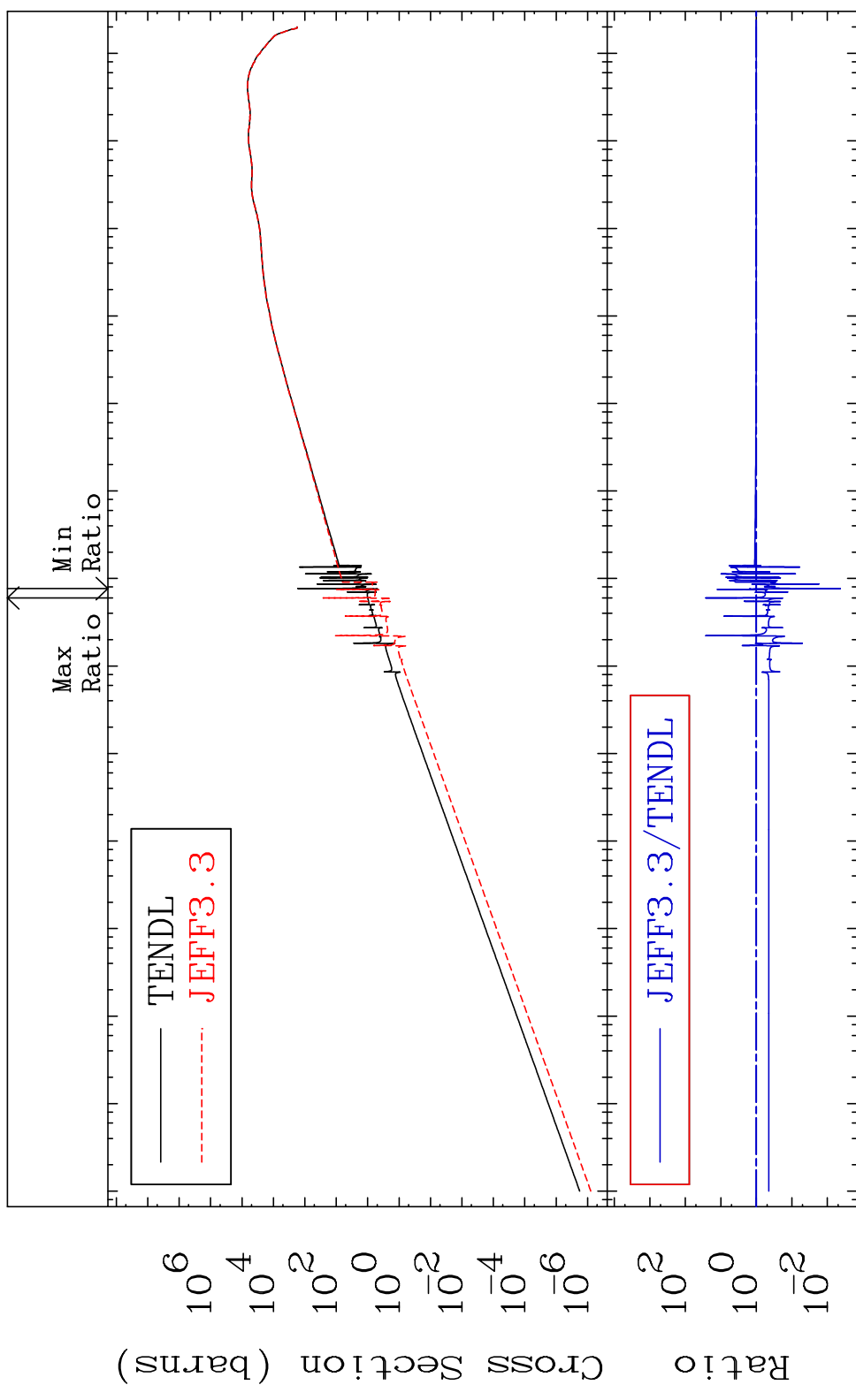
MAT 7440 Kerma total (eV-barns) 74-W -185
 Cross Section -99.96 To 9999. %



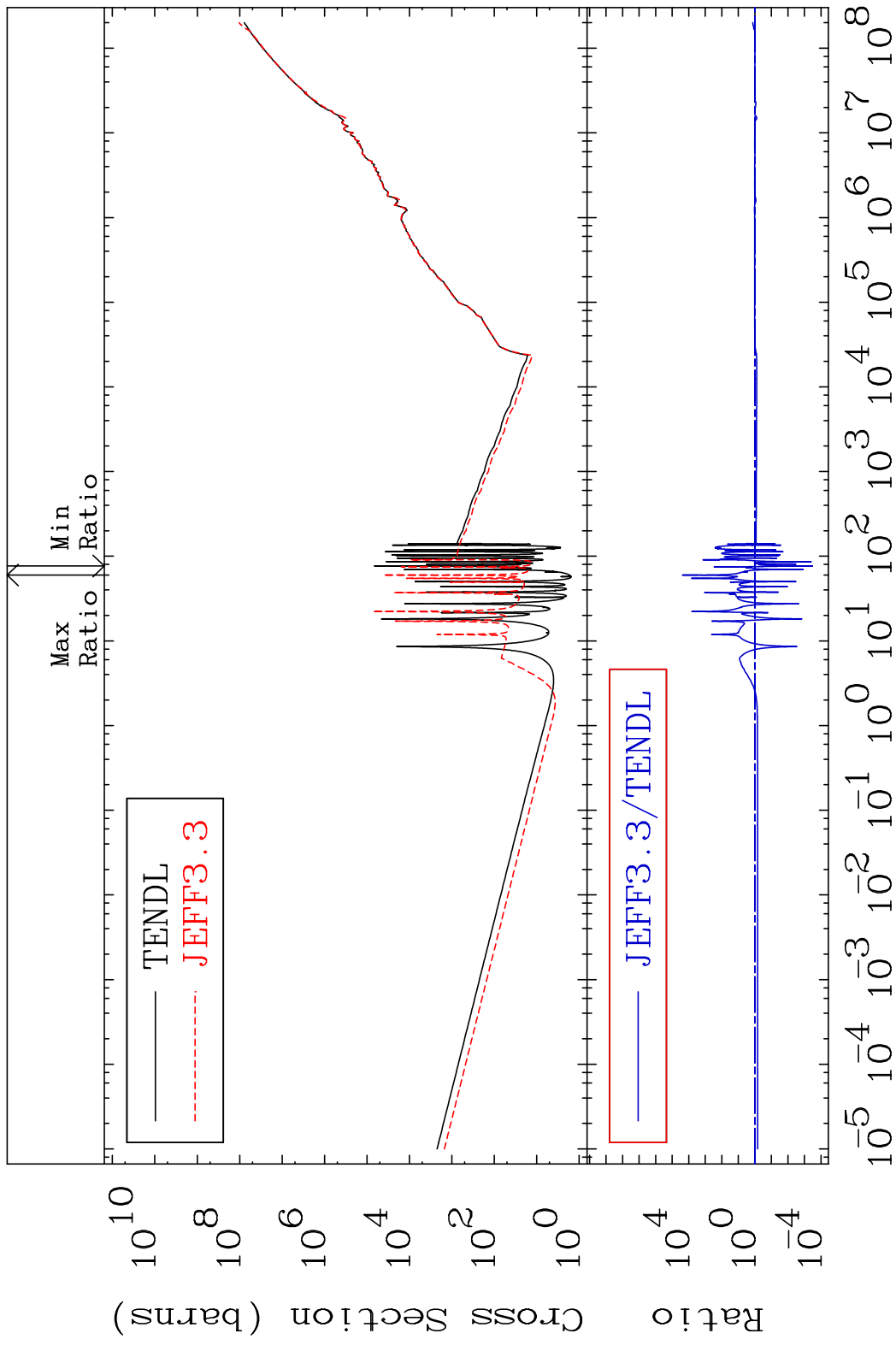
63 Incident Energy (eV) 74-W -185

MAT 7440

Kerma elastic Cross Section -99.57 To 2556. %
74-W -185

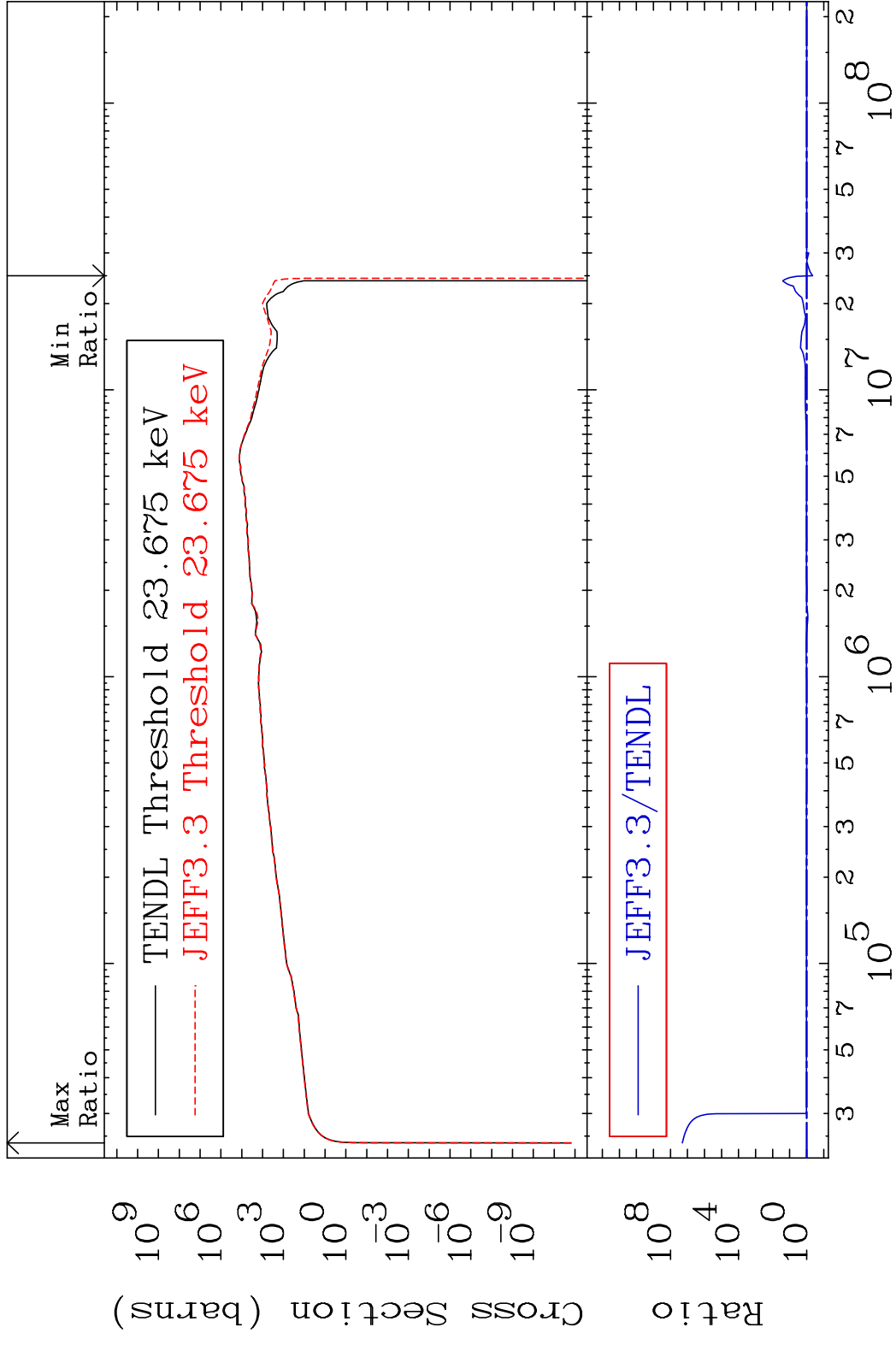


MAT 7440 Kerma non-elastic (all but mt2) 74-W -185
 Cross Section -99.97 To 9999. %

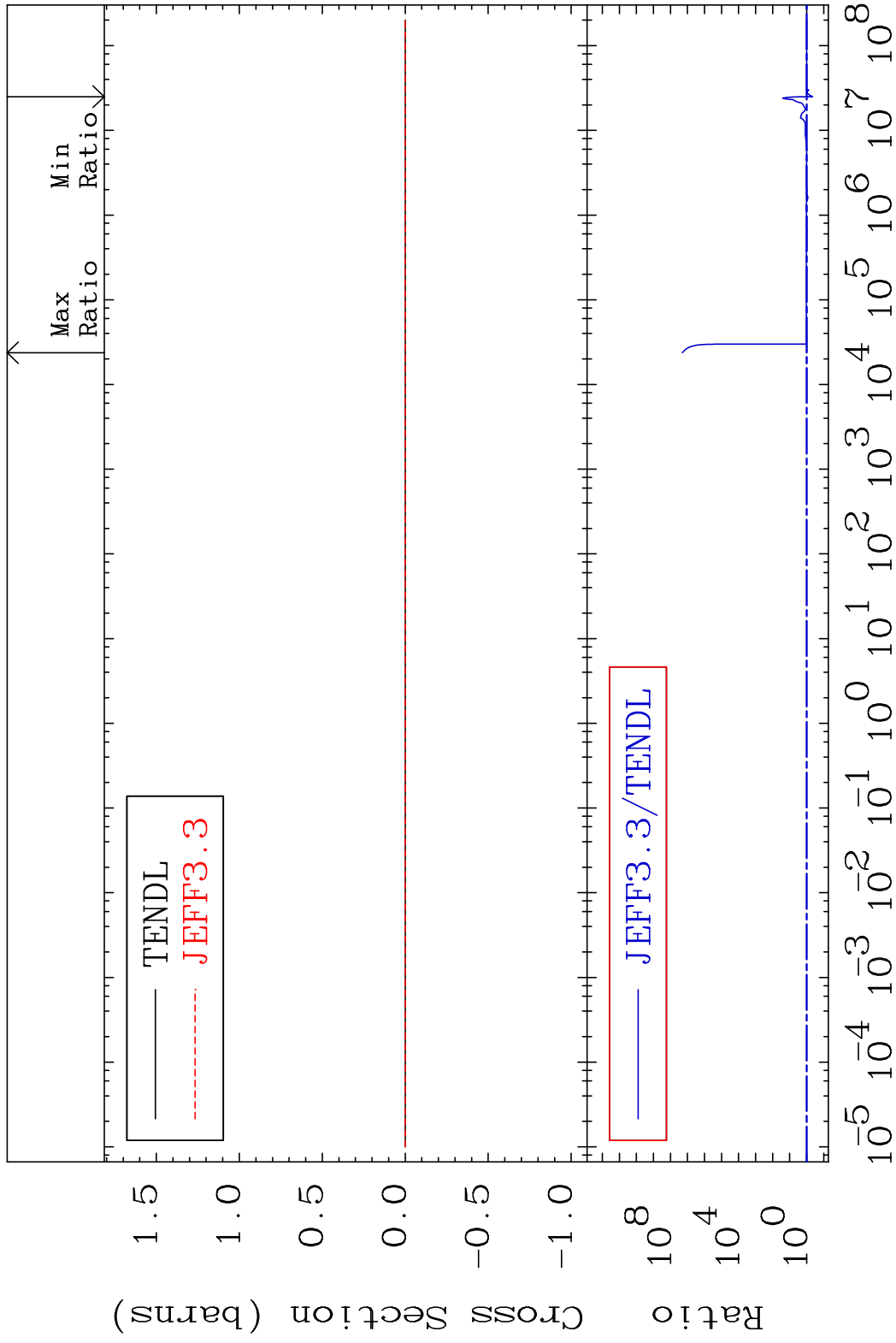


65 Incident Energy (eV) 74-W -185

MAT 7440 Kerma inelastic (mt51-91) 74-W -185
 Cross Section -54.99 To 9999. %

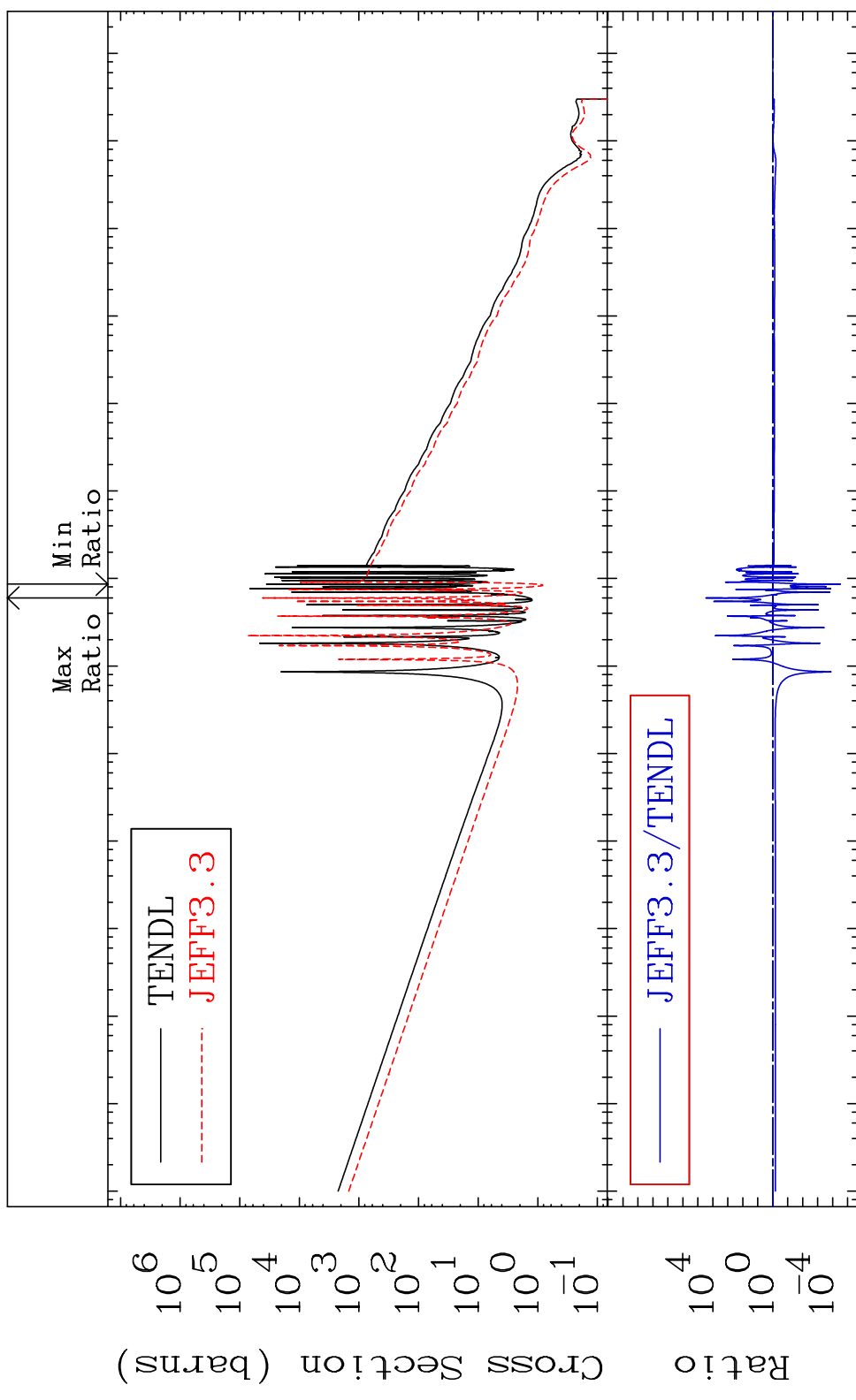


MAT 7440 Kerma fission (mt18 or mt19-20-21-38)74-W -185
 Cross Section -54.99 To 9999. %

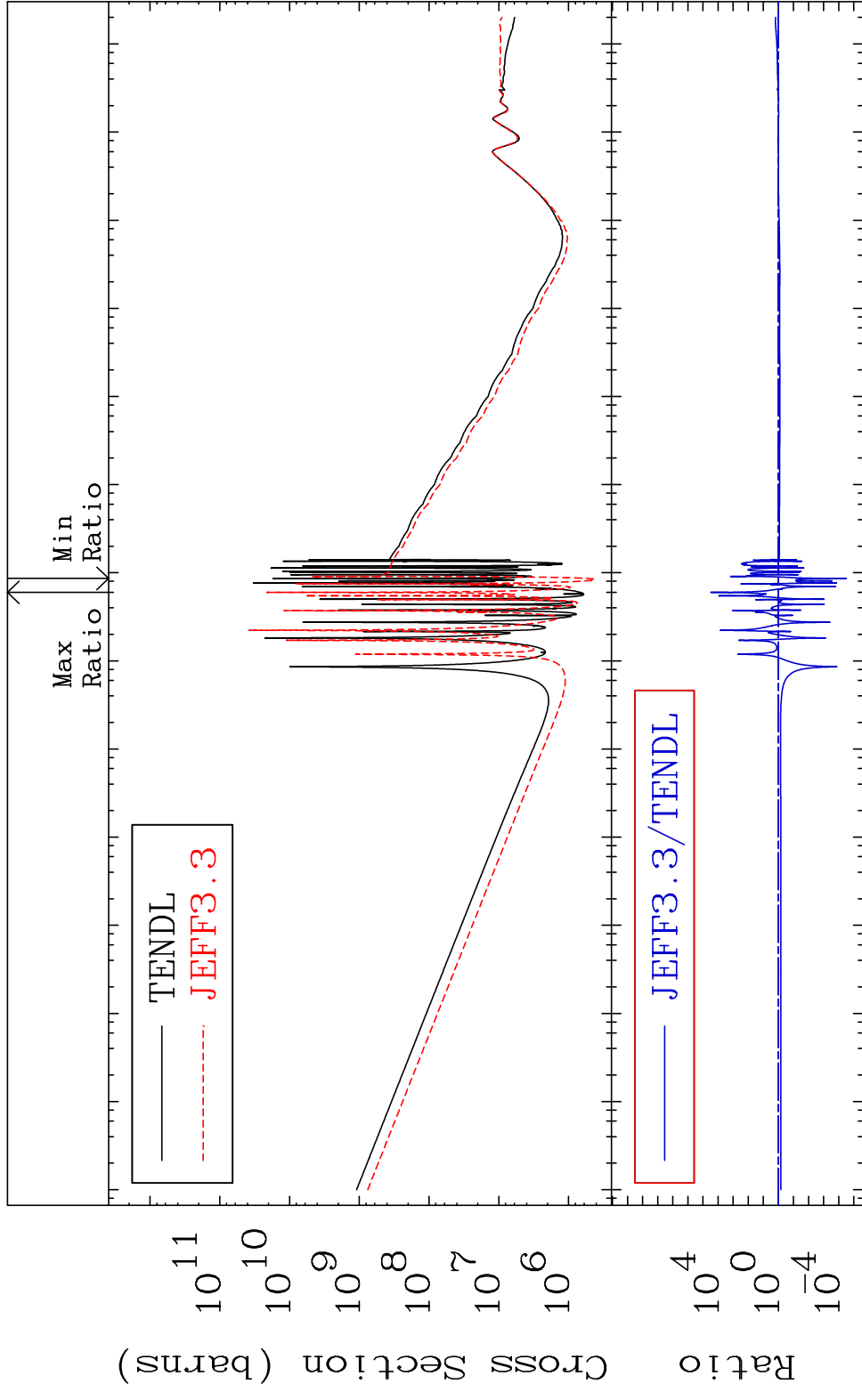


MAT 7440

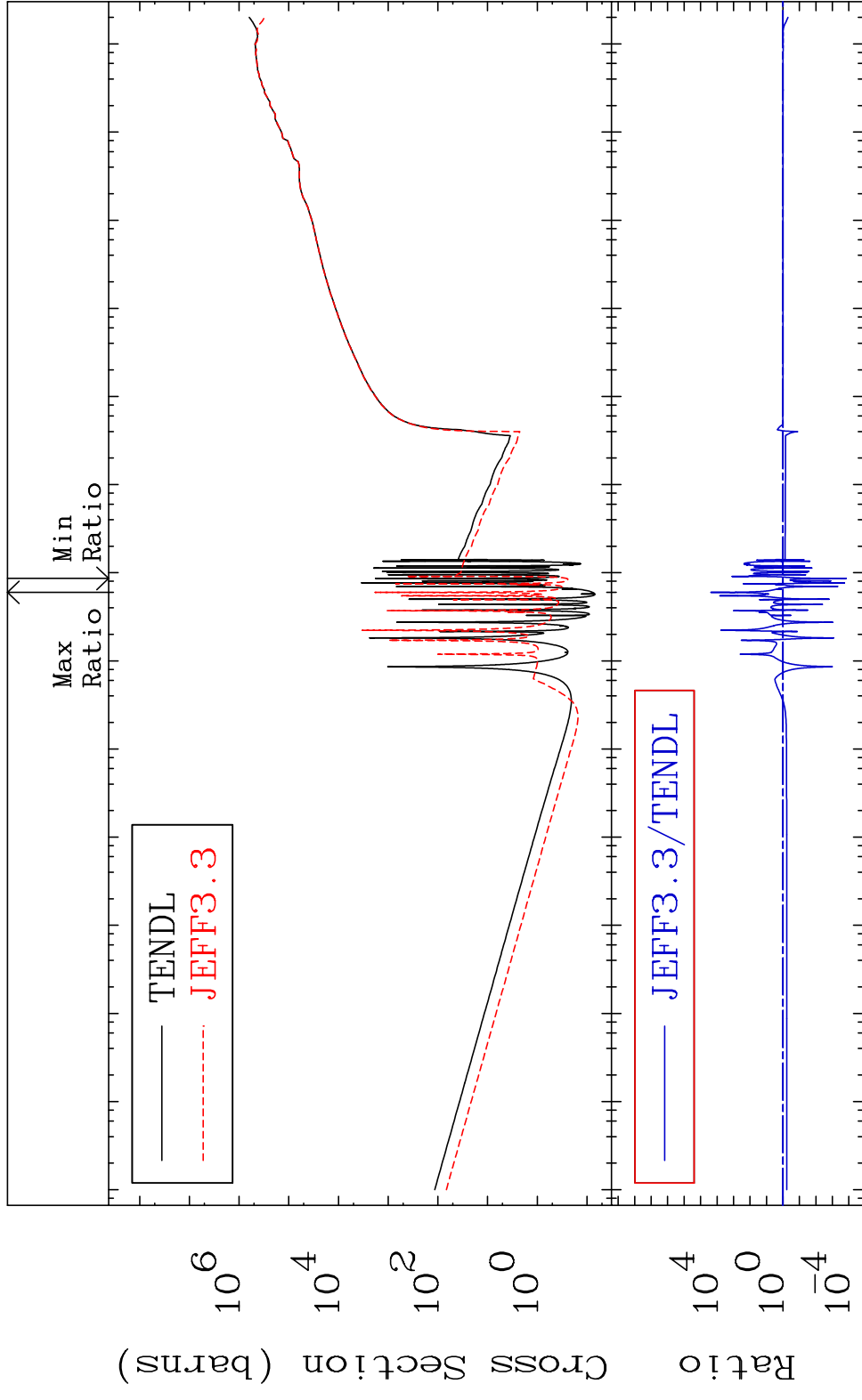
Kerma capture (mt102) 74-W -185
Cross Section -100.0 To 9999. %



MAT 7440 Total photon (eV-barns) 74-W -185
 Cross Section -100.0 To 9999. %



MAT 7440 Dpa total (eV-barns) 74-W -185
 Cross Section -99.99 To 9999. %

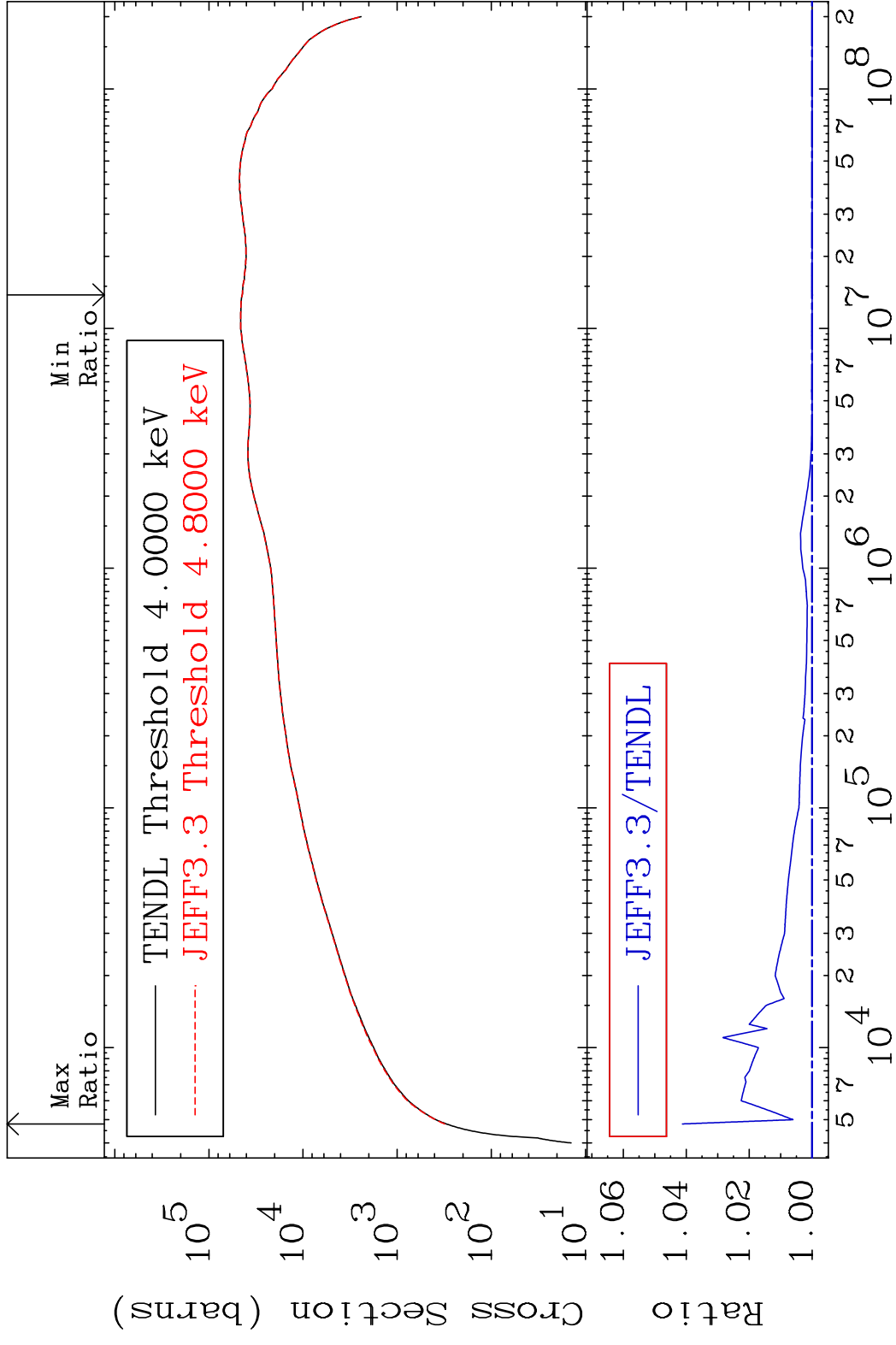


MAT 7440

Dpa elastic (mt2)

74-W -185

Cross Section -0.016 To 4.124 %

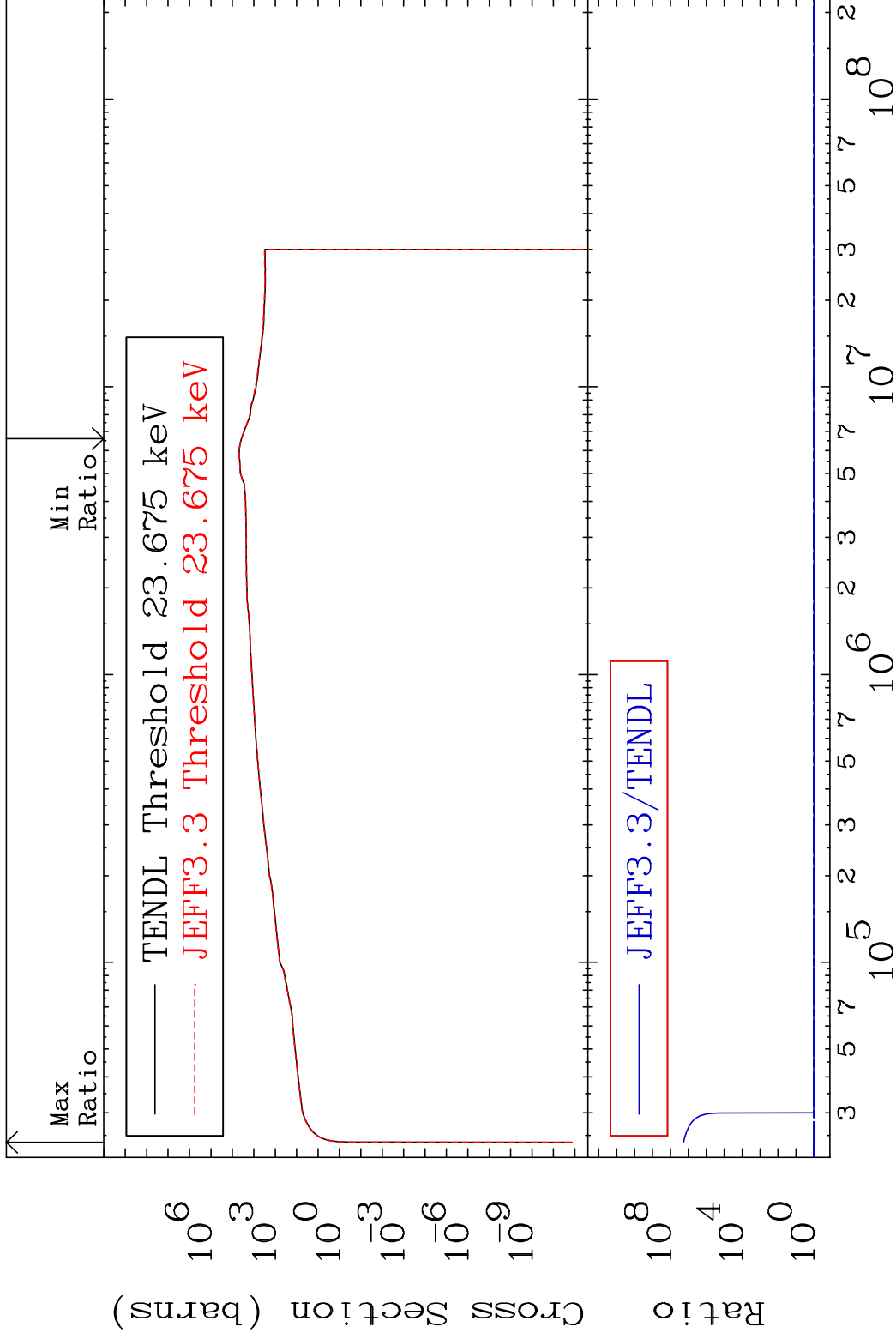


MAT 7440

Dpa inelastic (mt51-91)

74-W -185

Cross Section -1.464 To 9999. %

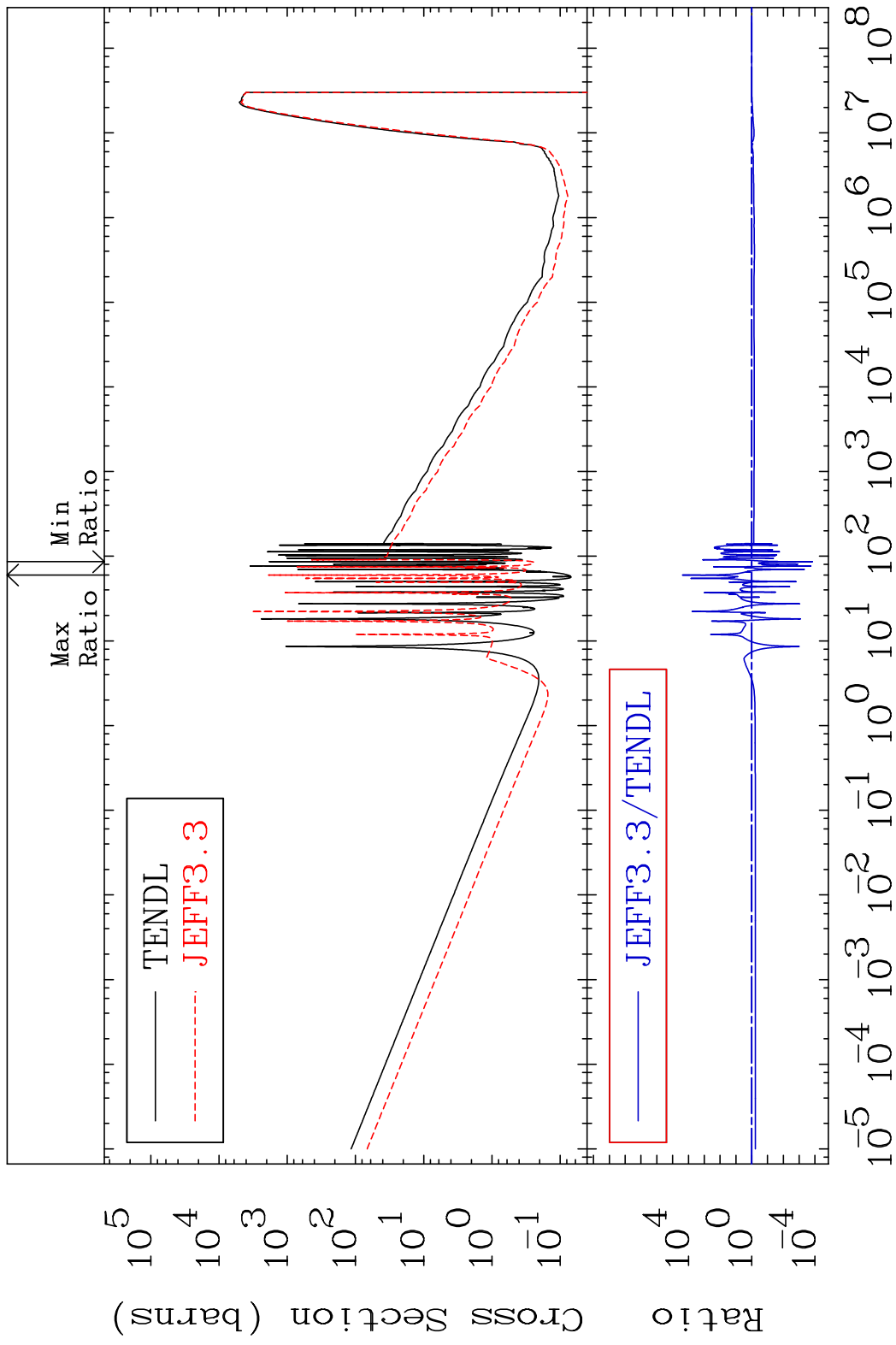


73

Incident Energy (eV)

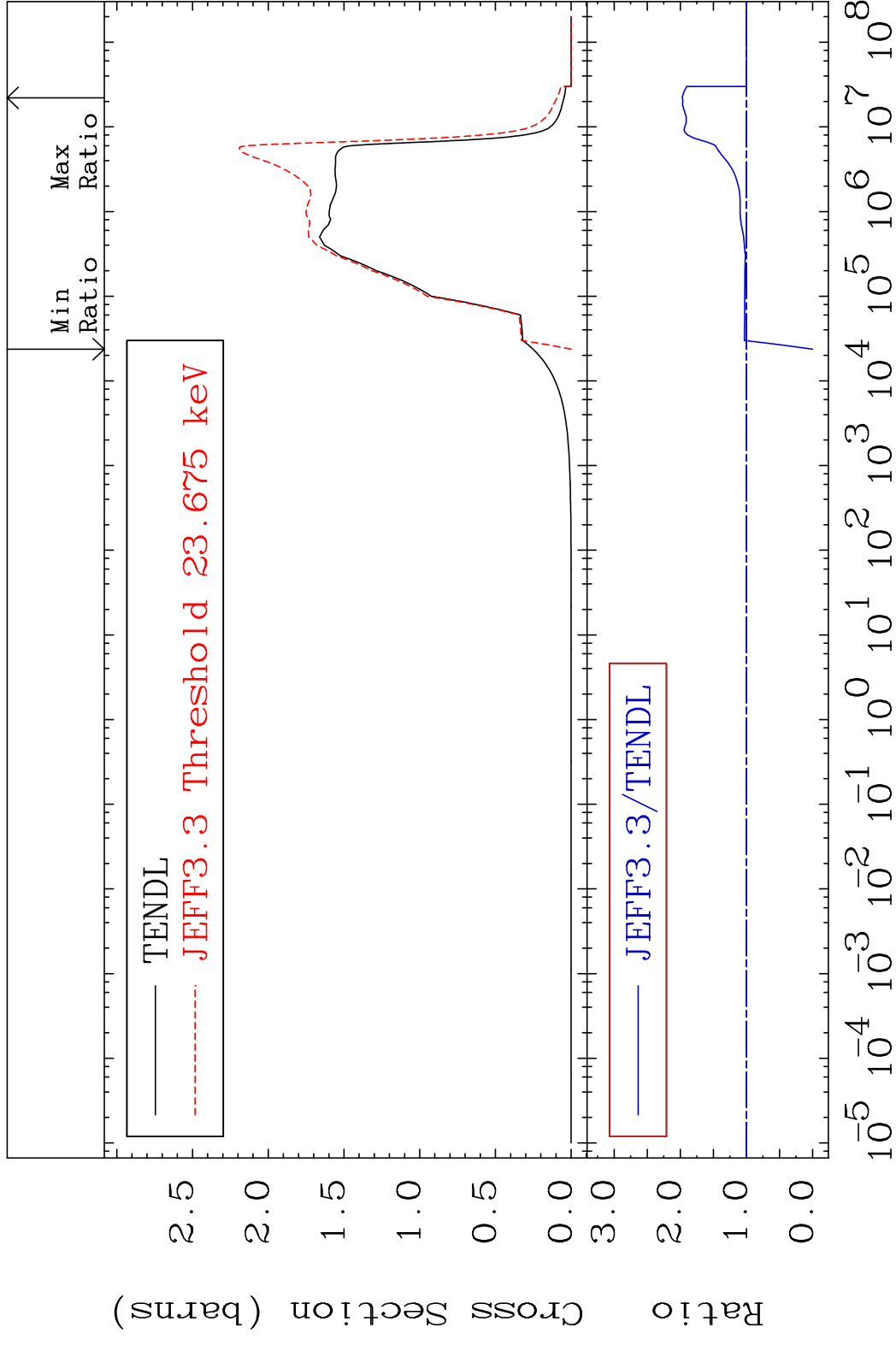
74-W -185

MAT 7440 Dpa disappearance (mt102 -120) 74-W -185
 Cross Section -99.99 To 9999. %

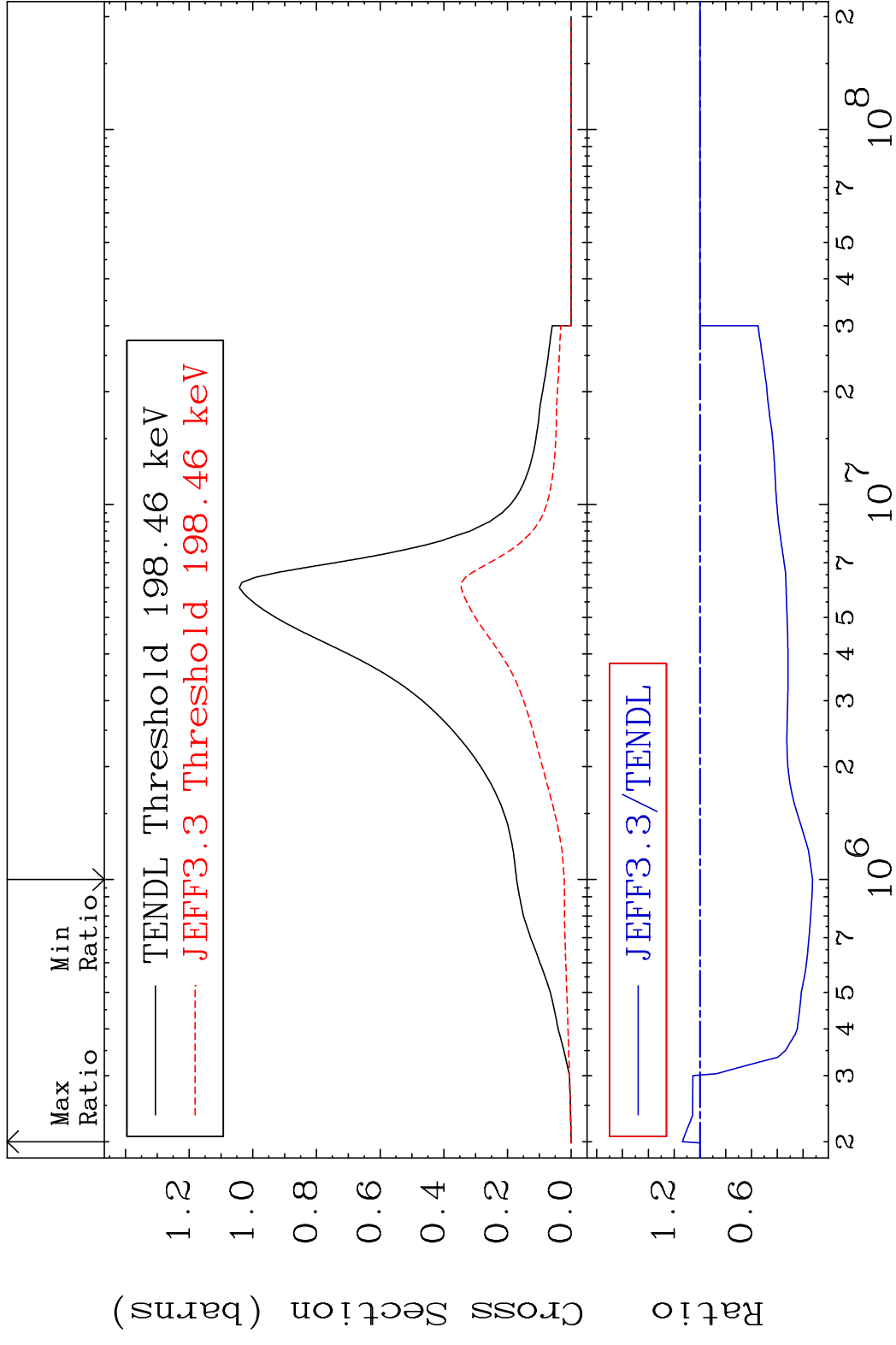


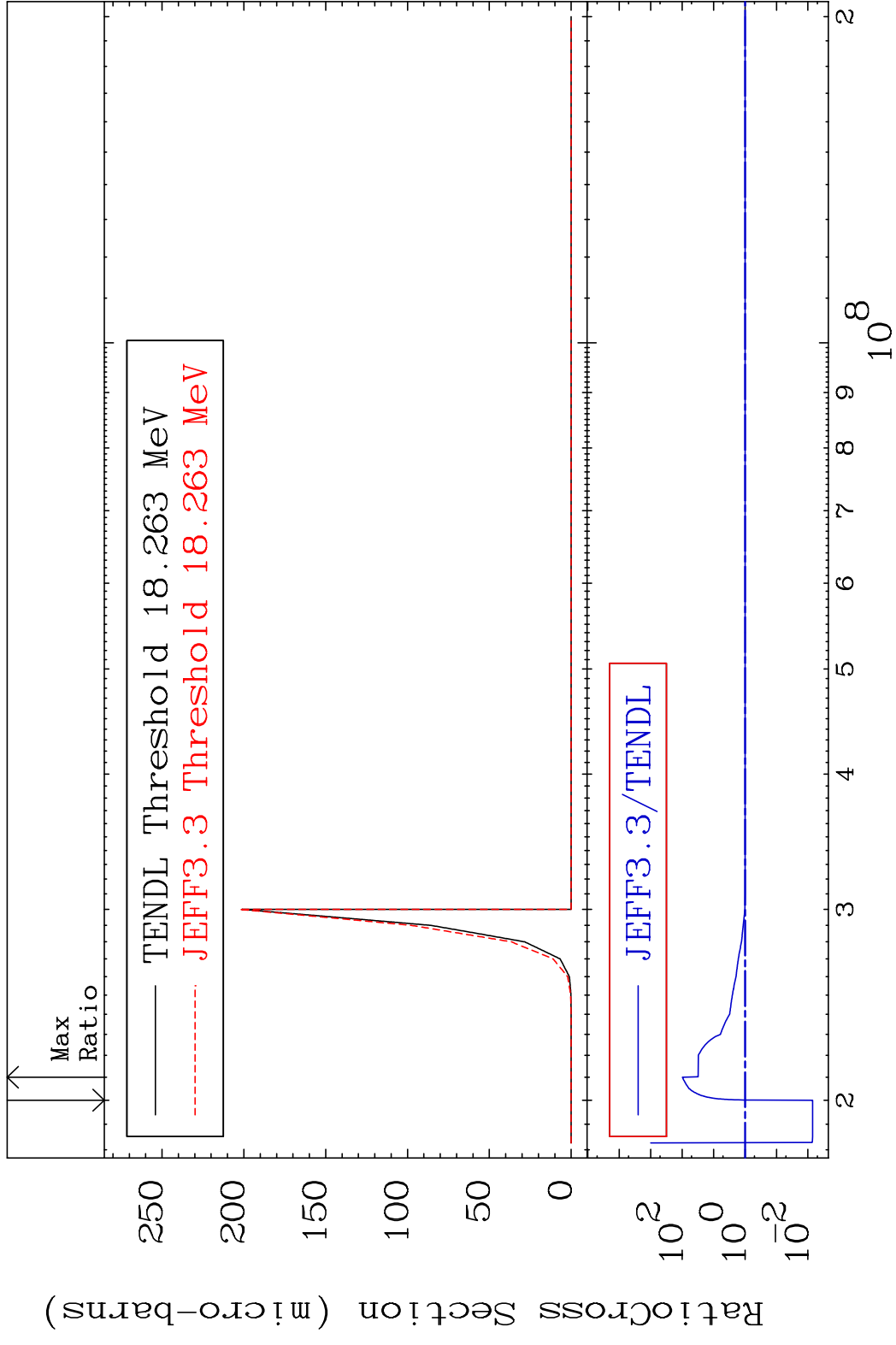
74 Incident Energy (eV) 74-W -185

MAT 7440 Inelastic:74-W -185g 74-W -185
 Radionuclide Production Cross Section 185g 74-W -185g
 96.88 %

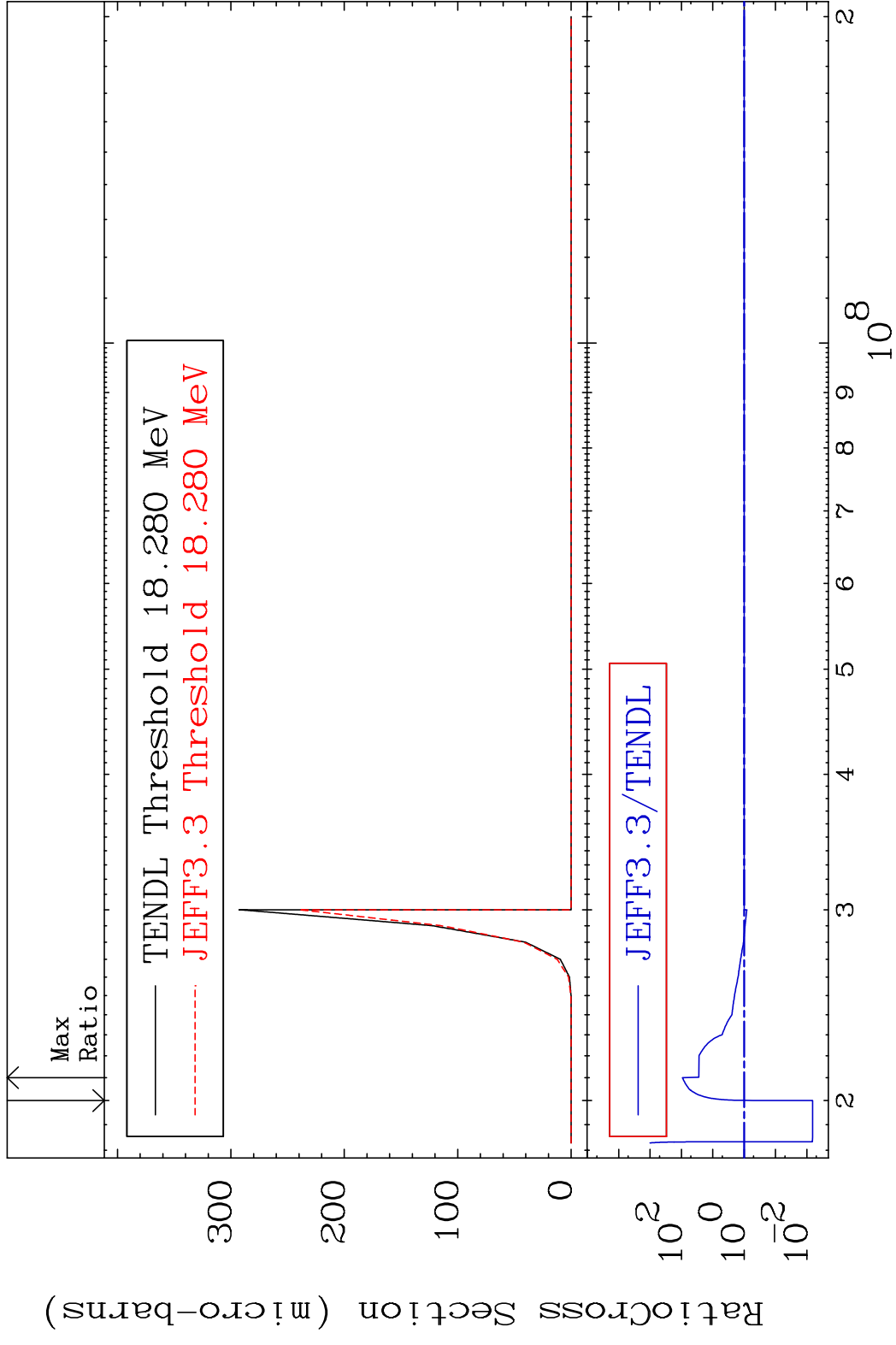


75 Incident Energy (eV) 74-W -185

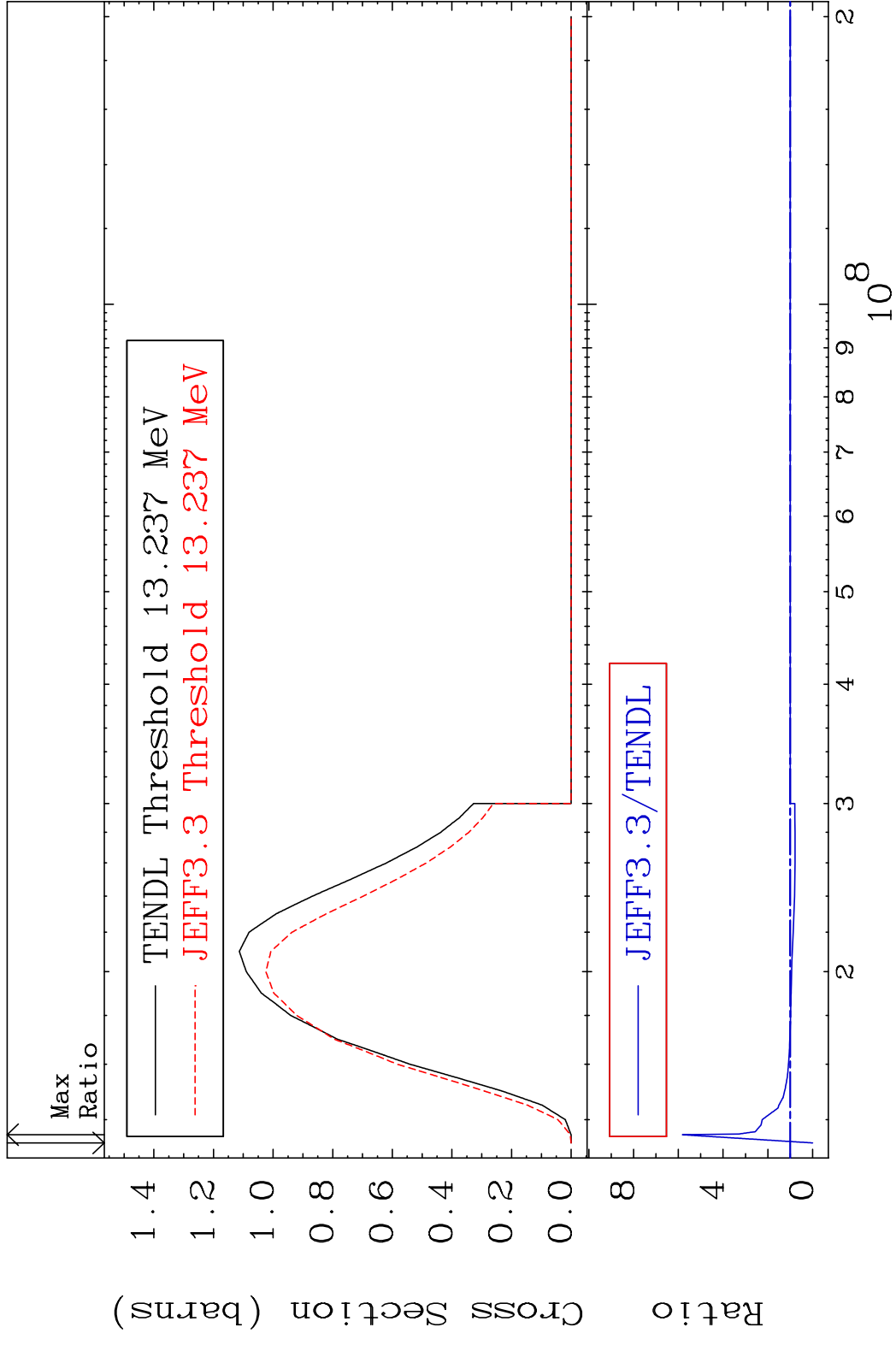




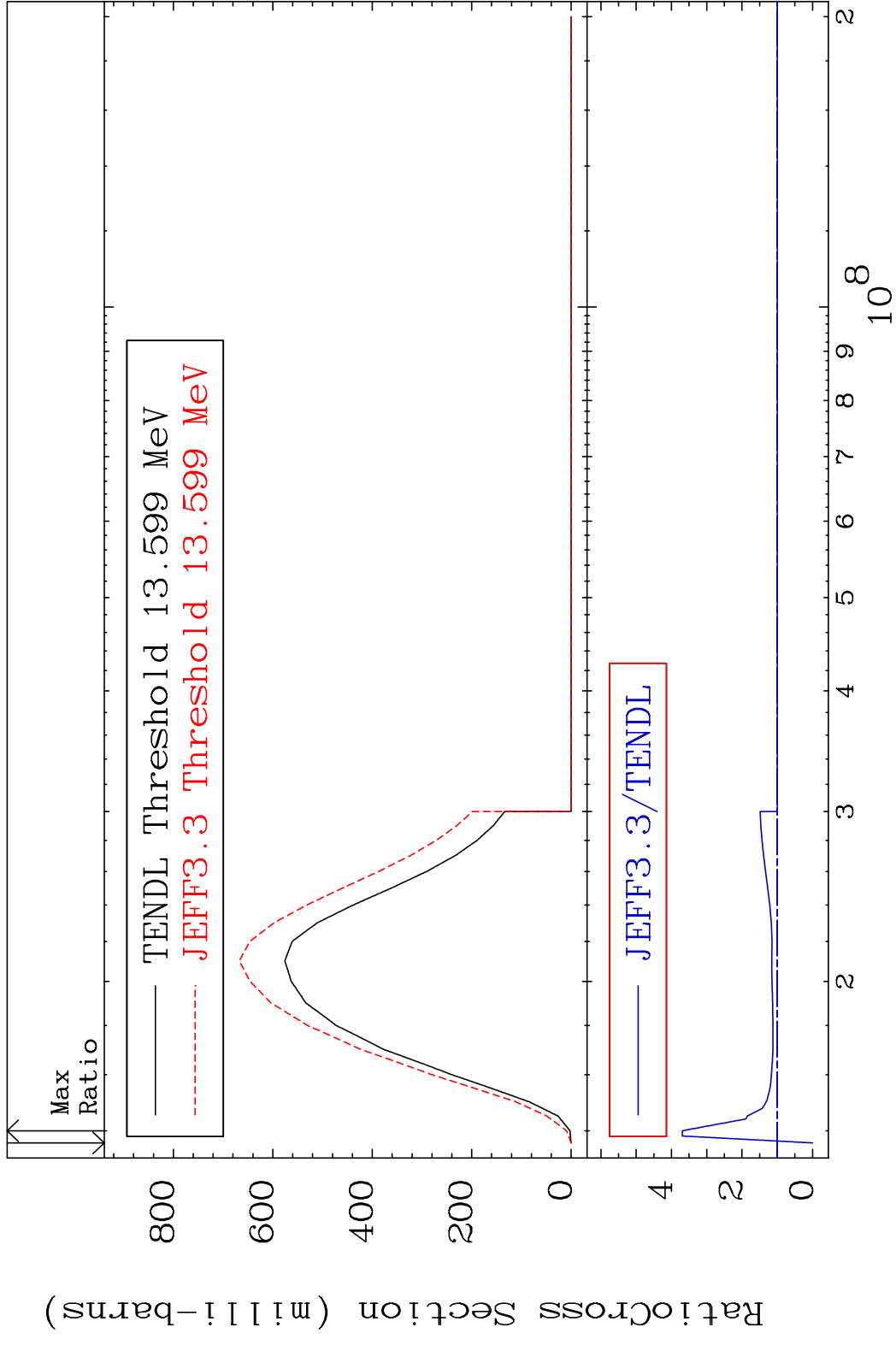
MAT 7440 (n,2n) d:73-Ta-182m1 74-W -185
 Radionuclide Production Cross Section 980410 9231. %

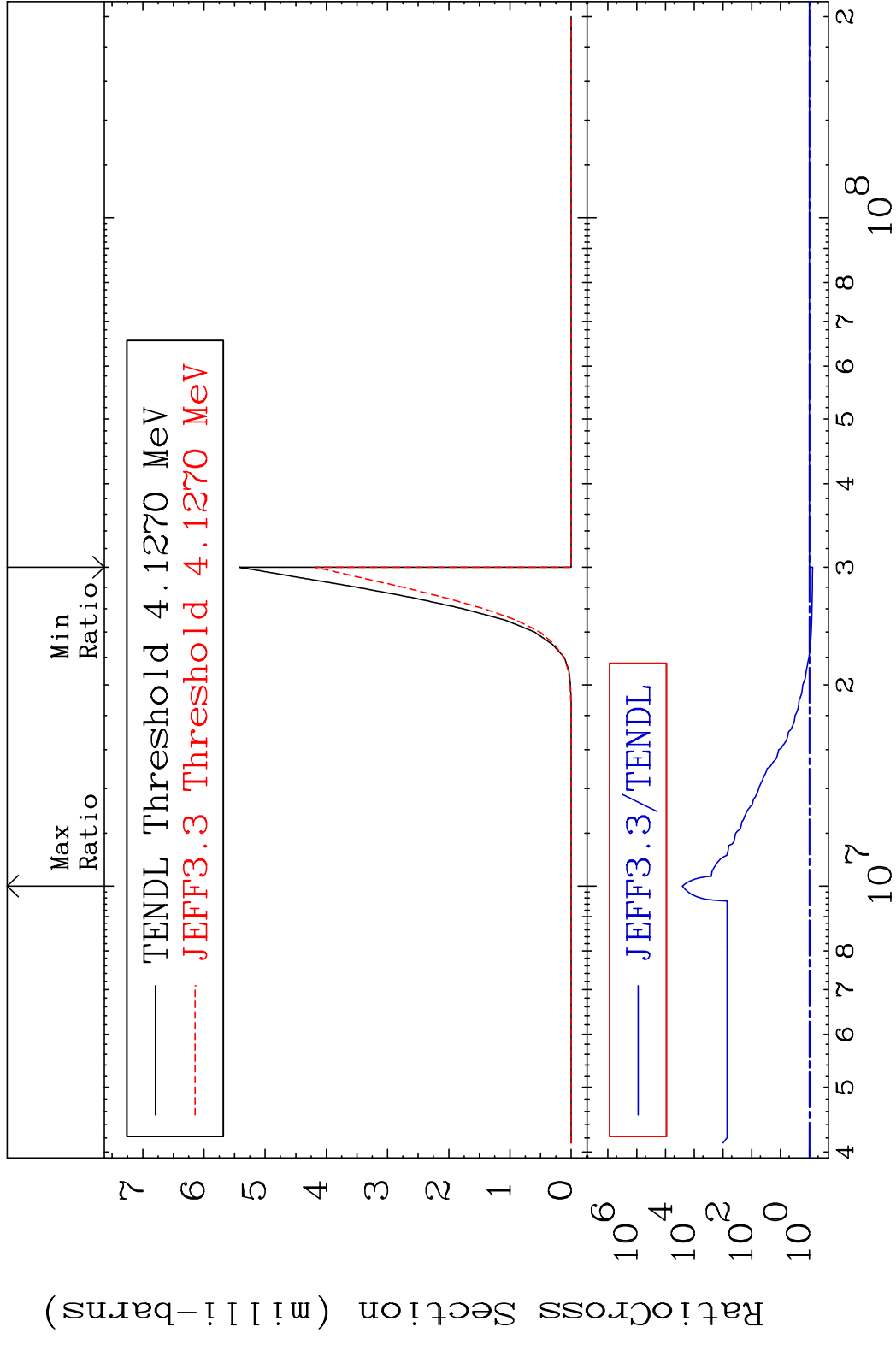


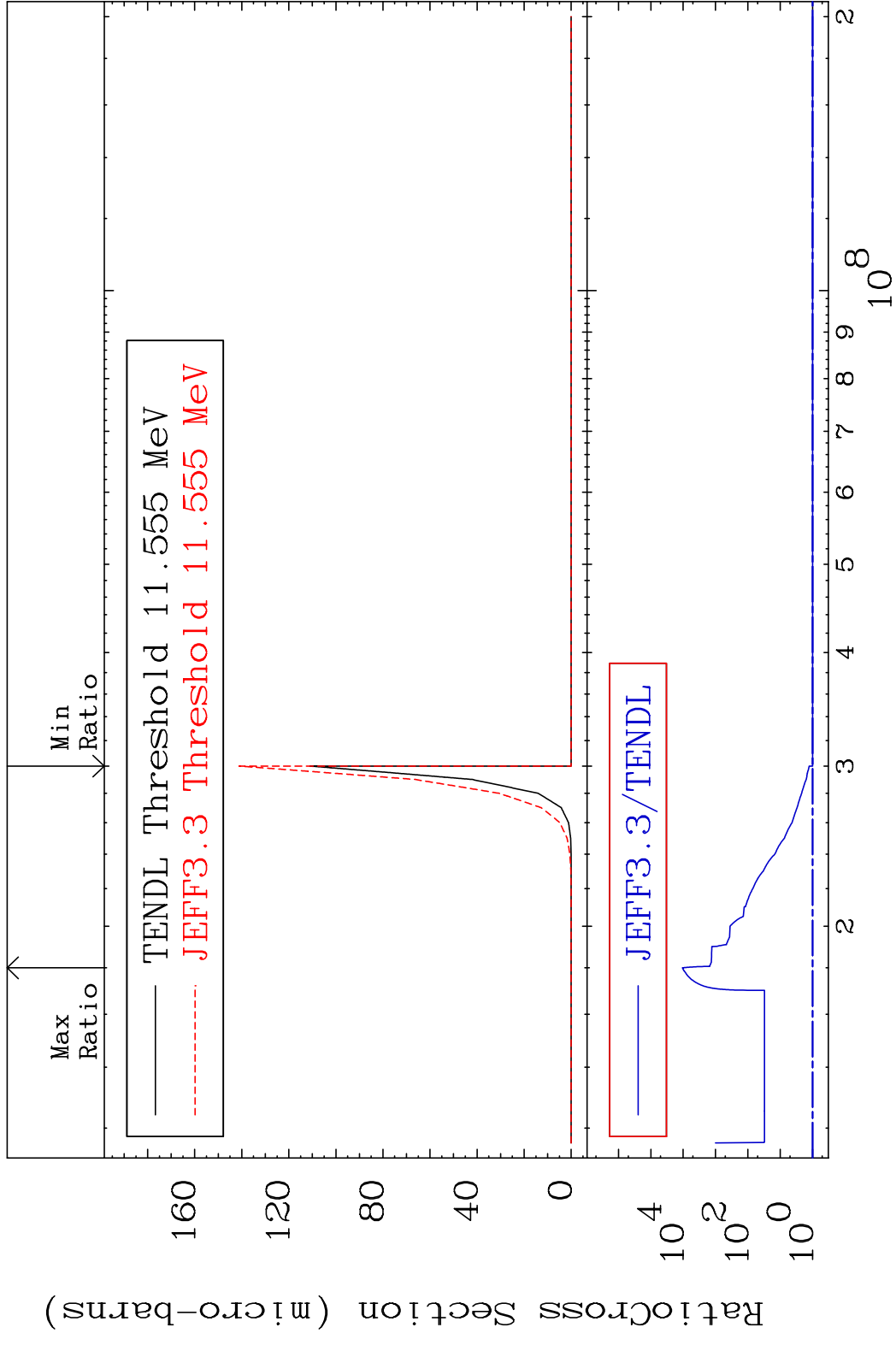
MAT 7440 (n,3n):74-W -183g 74-W -185
 Radionuclide Production Cross Section 180.0 dth 482.2 %

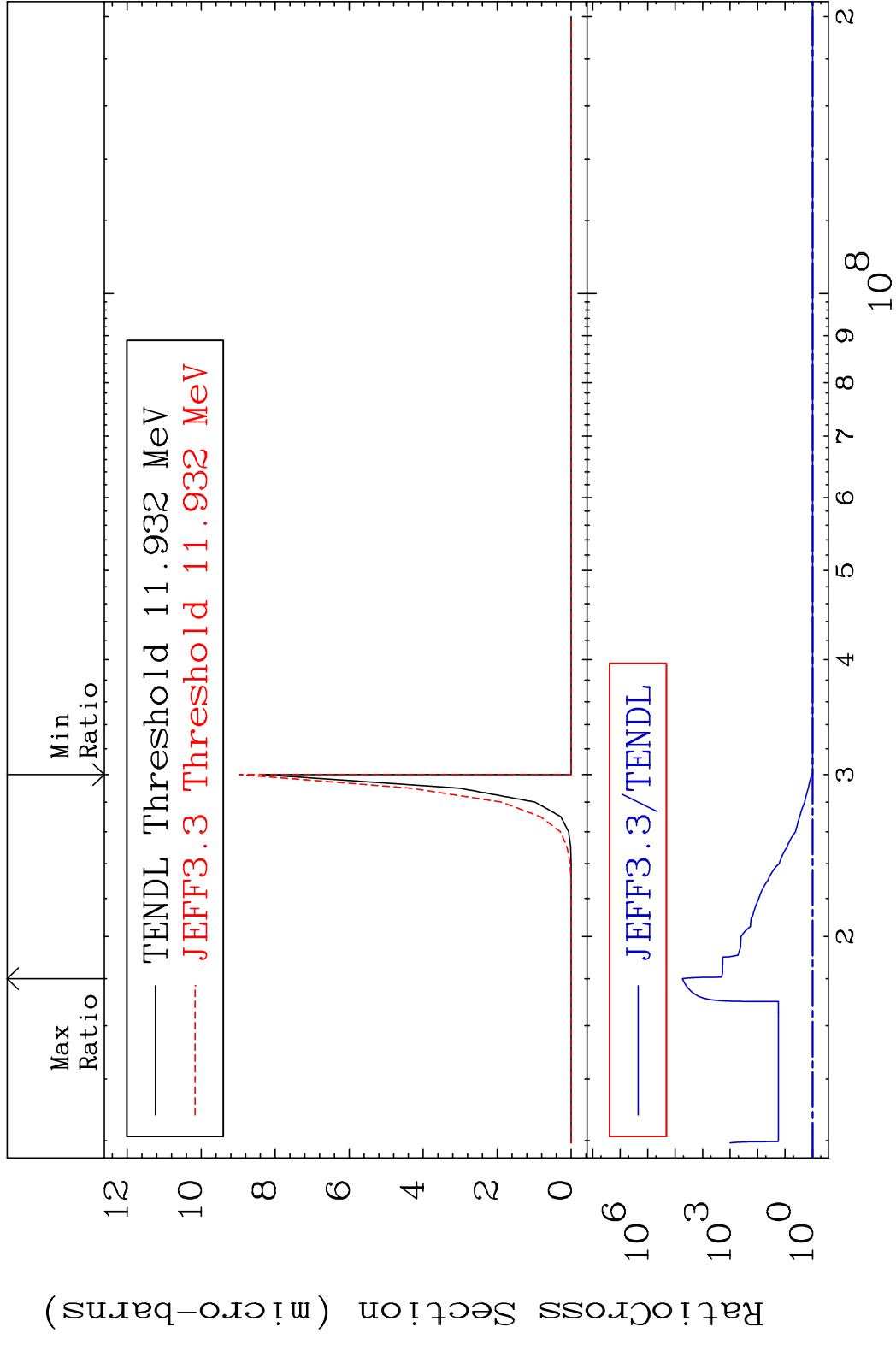


MAT 7440 (n, 3n): 74-W -183m7 74-W -185
 Radionuclide Production Cross Section Ratio 269.1 %

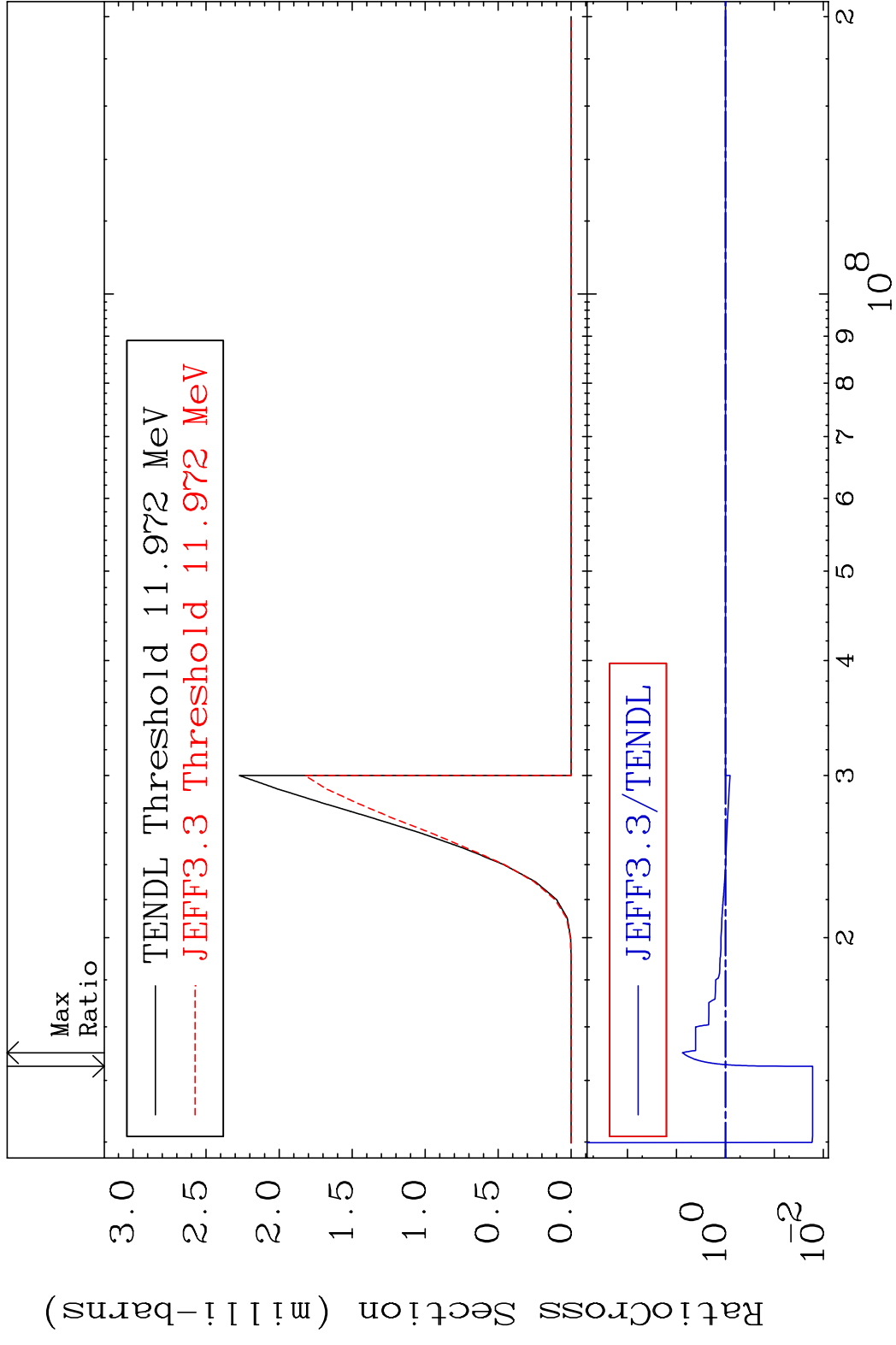




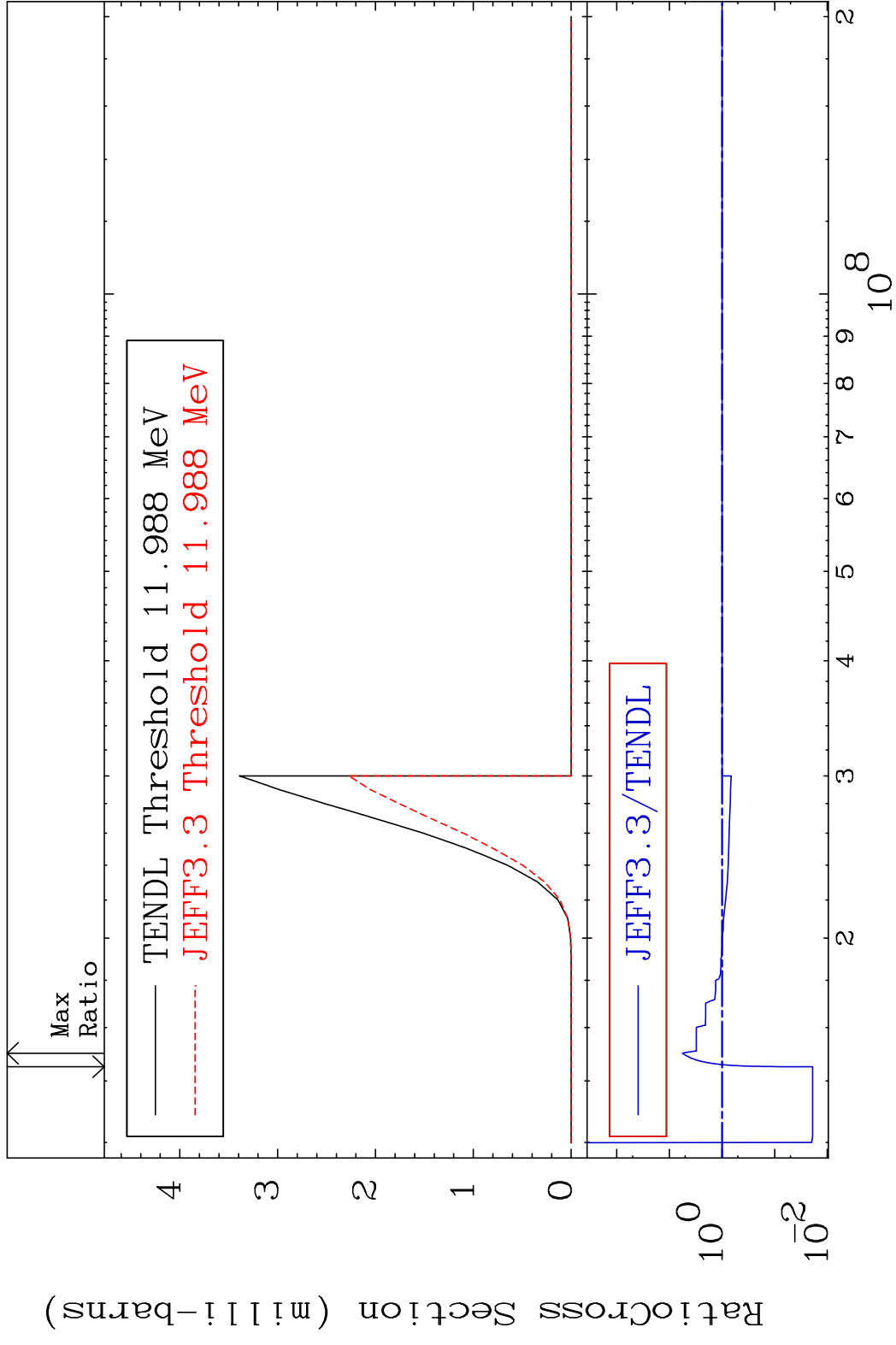


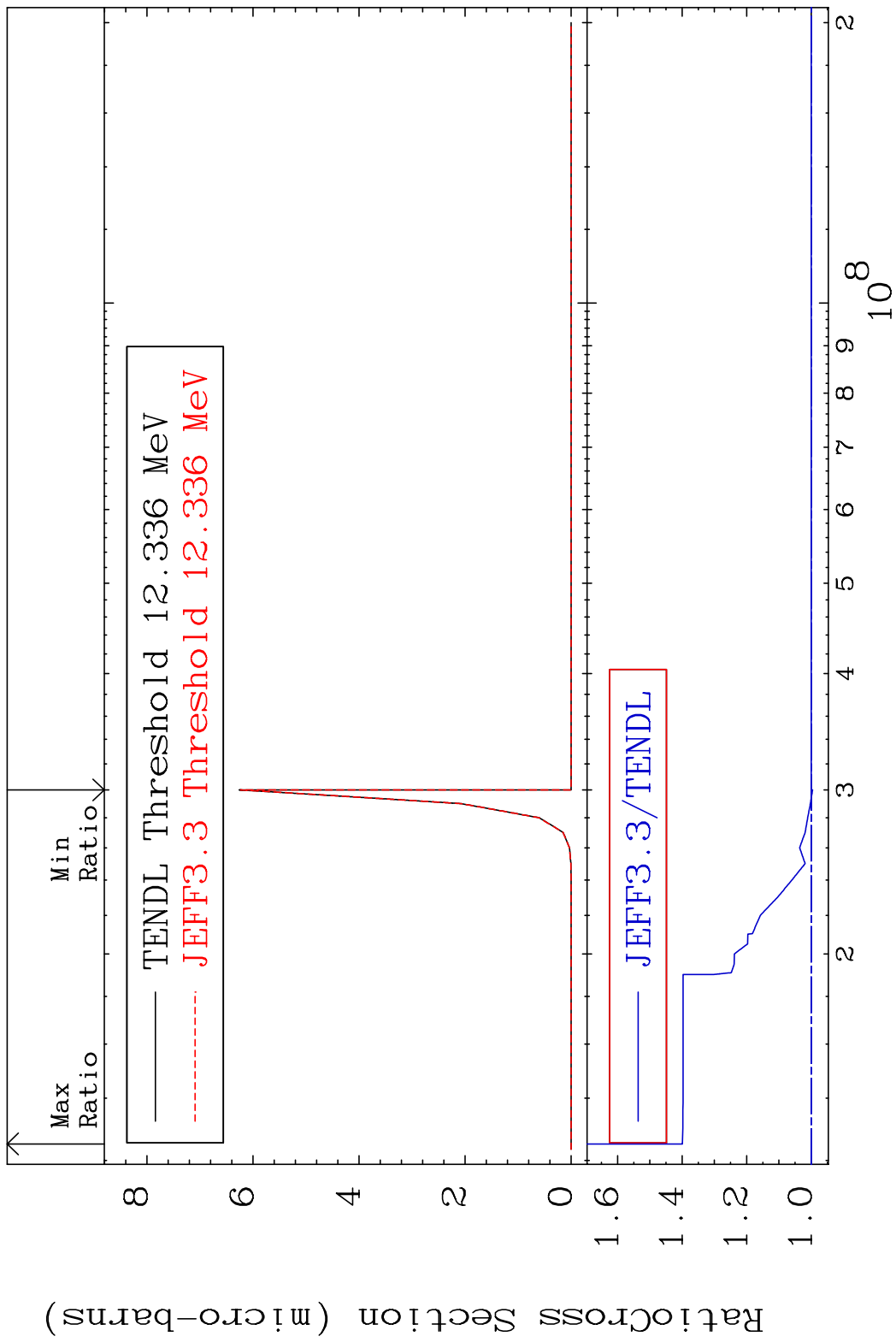


MAT 7440 (n, n') t:73-Ta-182g 74-W -185
 Radionuclide Production Cross Section 986341 d10 656.0 %



MAT 7440 (n, n') t:73-Ta-182m1 74-W -185
 Radionuclide Production Cross Section 467.0 %





MAT 7440 (n, n') He-3:72-Hf-182m9 74-W -185
 Radionuclide Production Cross Section 53.07 %

