

Program Complot
(Version 2021-1)

by

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U.S.A.

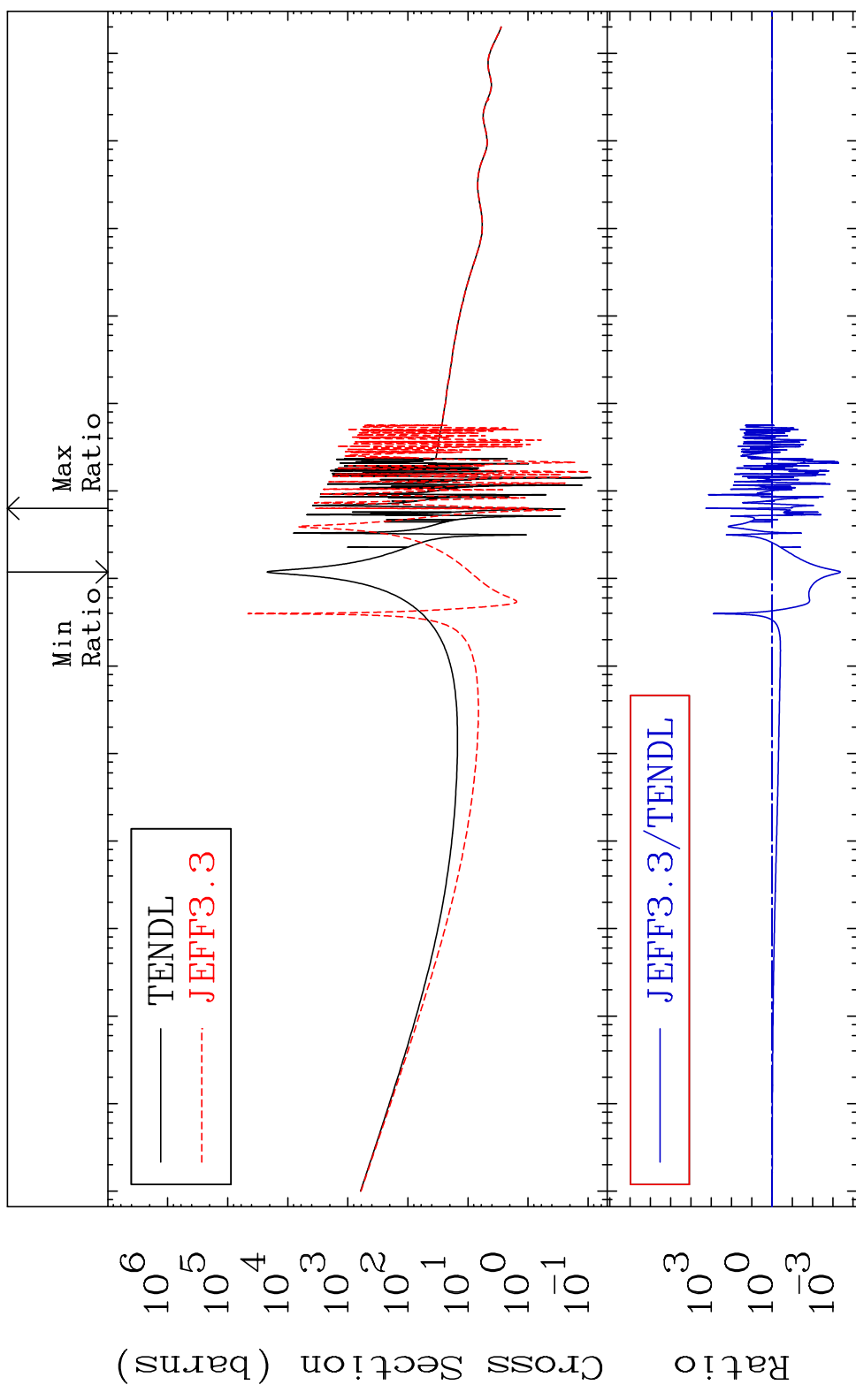
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Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7449

Total Cross Section 74-W -188
-99.96 To 9999. %



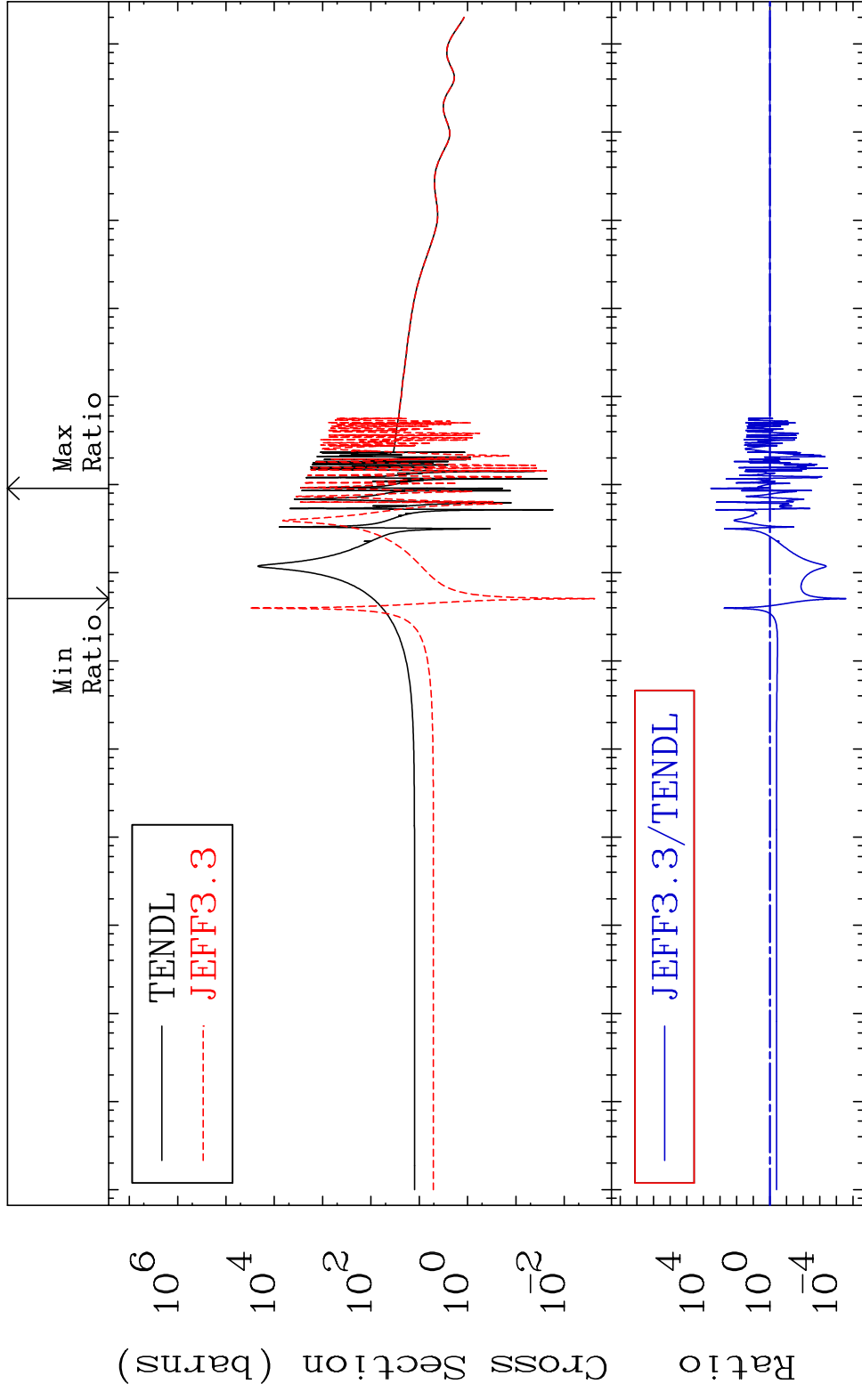
1 Incident Energy (eV) 74-W -188

MAT 7449

74-W -188

Elastic

Cross Section -100.0 To 9999. %

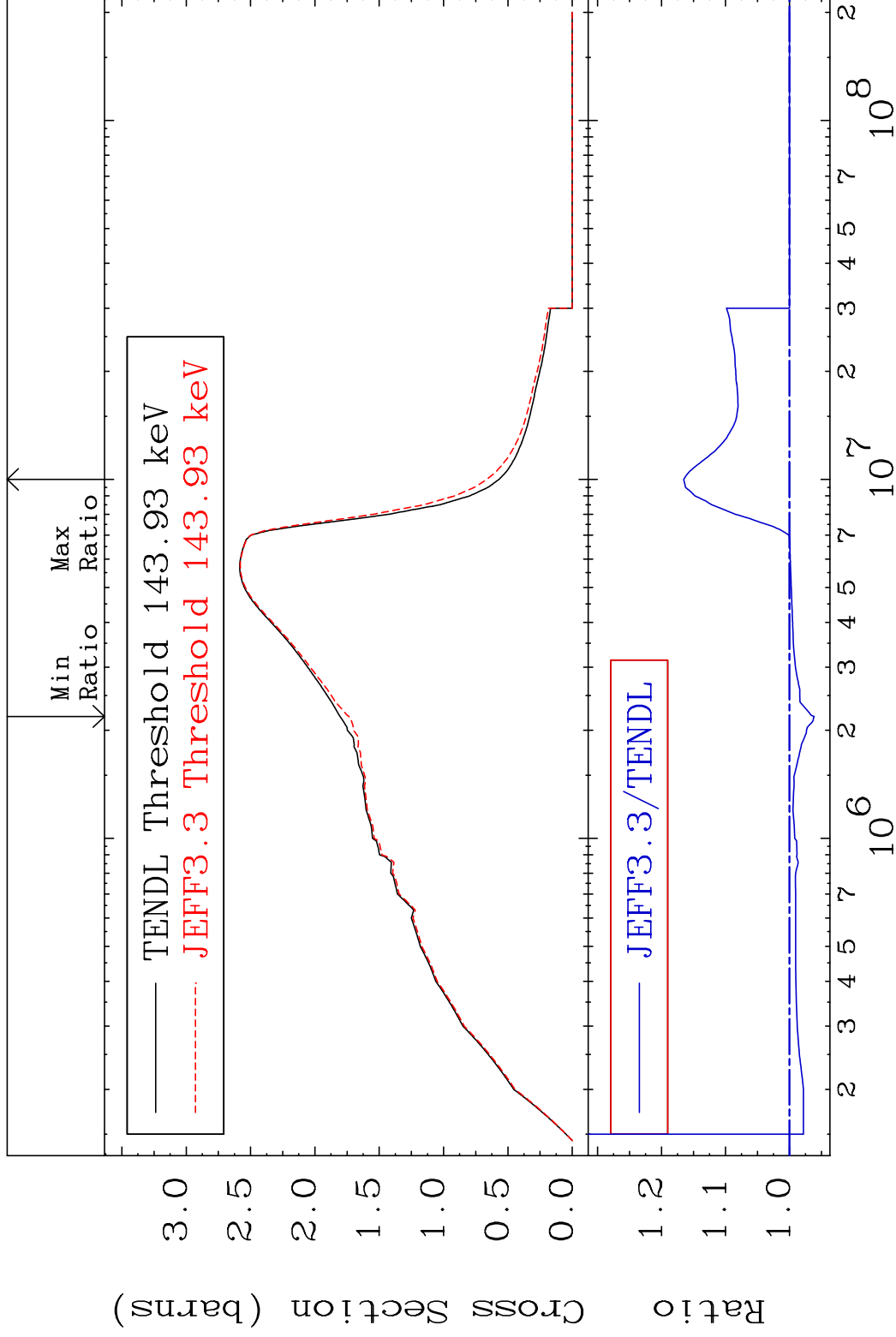


MAT 7449

Inelastic

74-W -188

Cross Section -3.865 To 16.54 %



3

Incident Energy (eV)

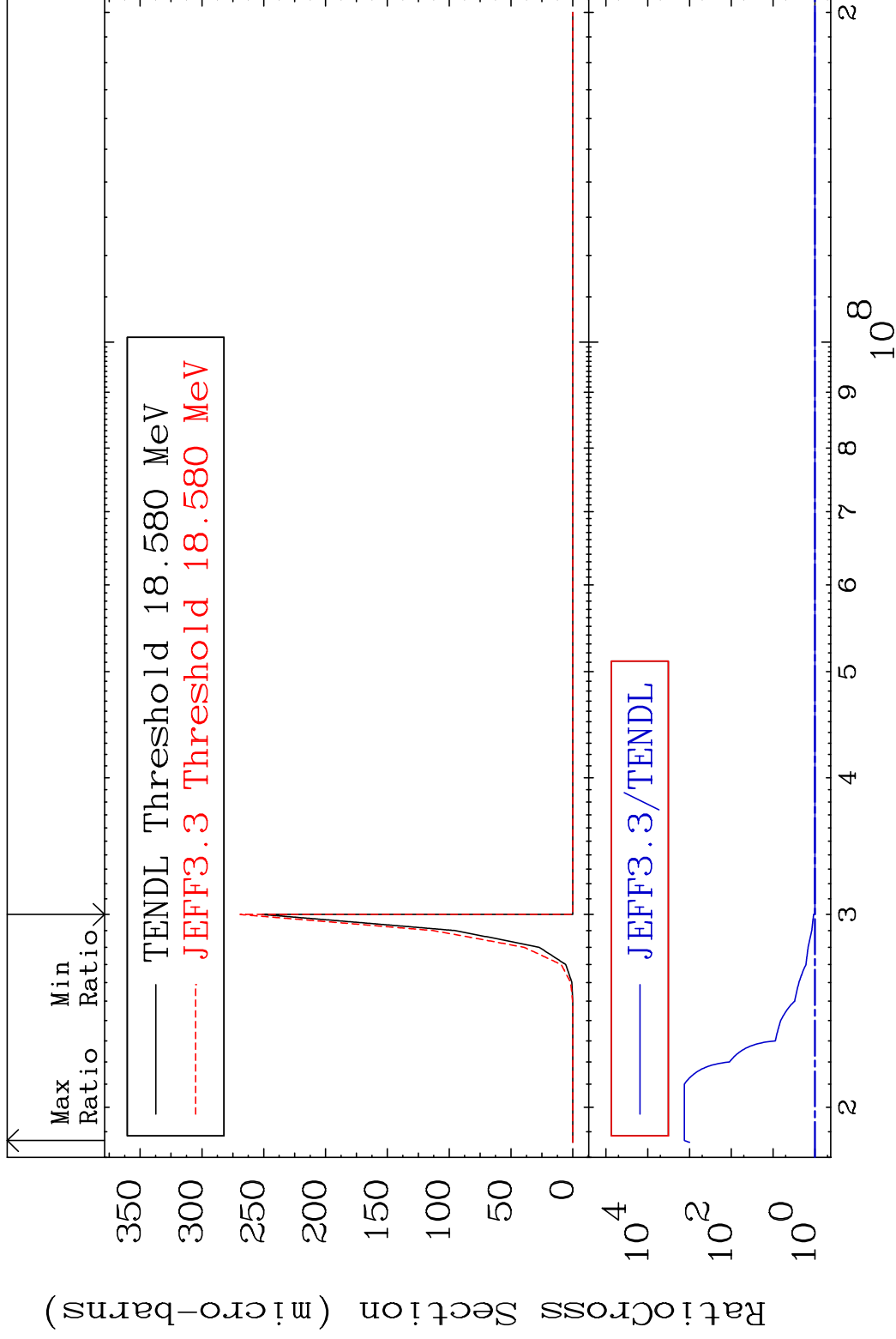
74-W -188

MAT 7449

(n,2n) d

74-W -188

Cross Section 0.000 To 9999. %



4

Incident Energy (eV)

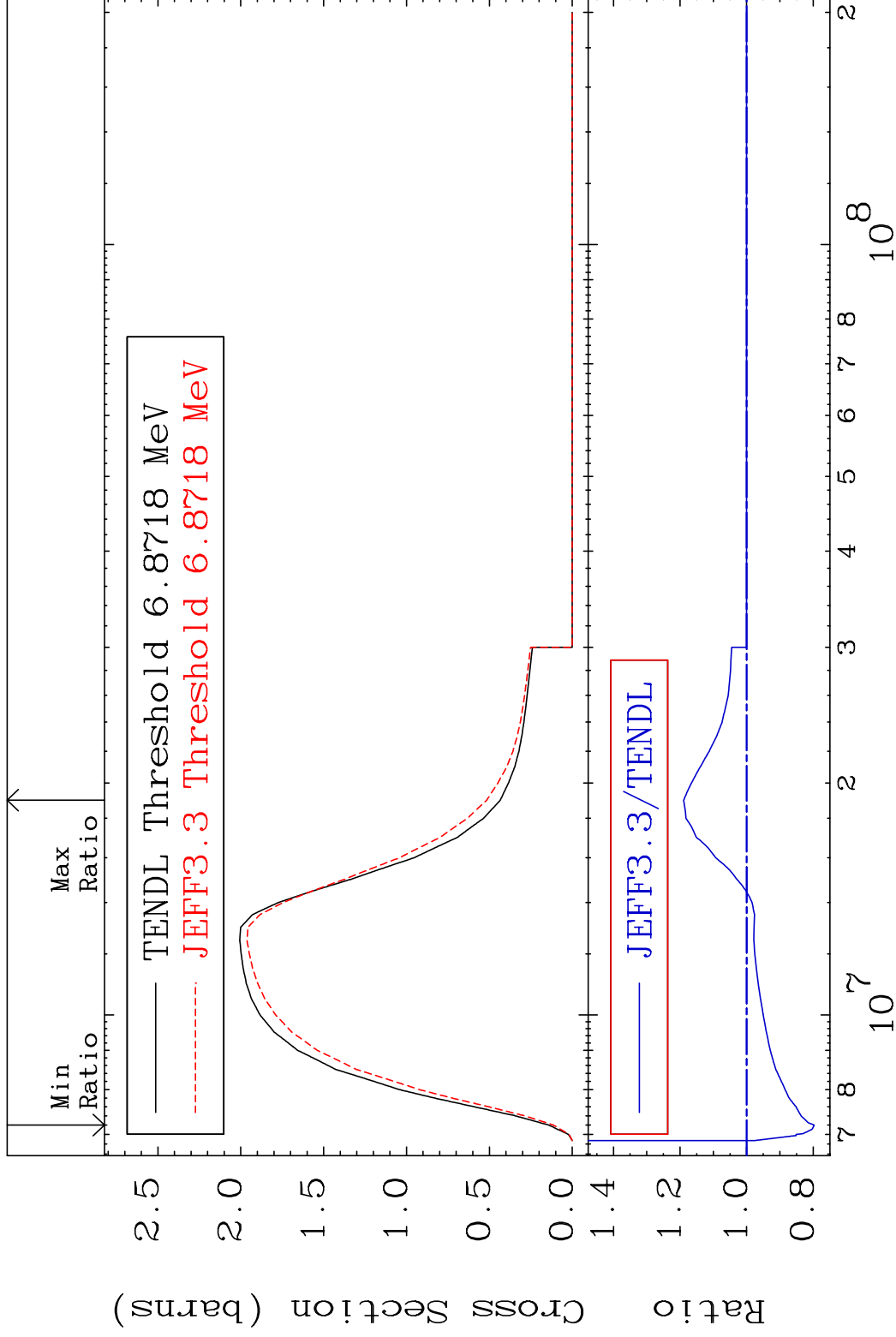
74-W -188

MAT 7449

(n,2n)

74-W -188

Cross Section -20.27 To 18.91 %



5

Incident Energy (eV)

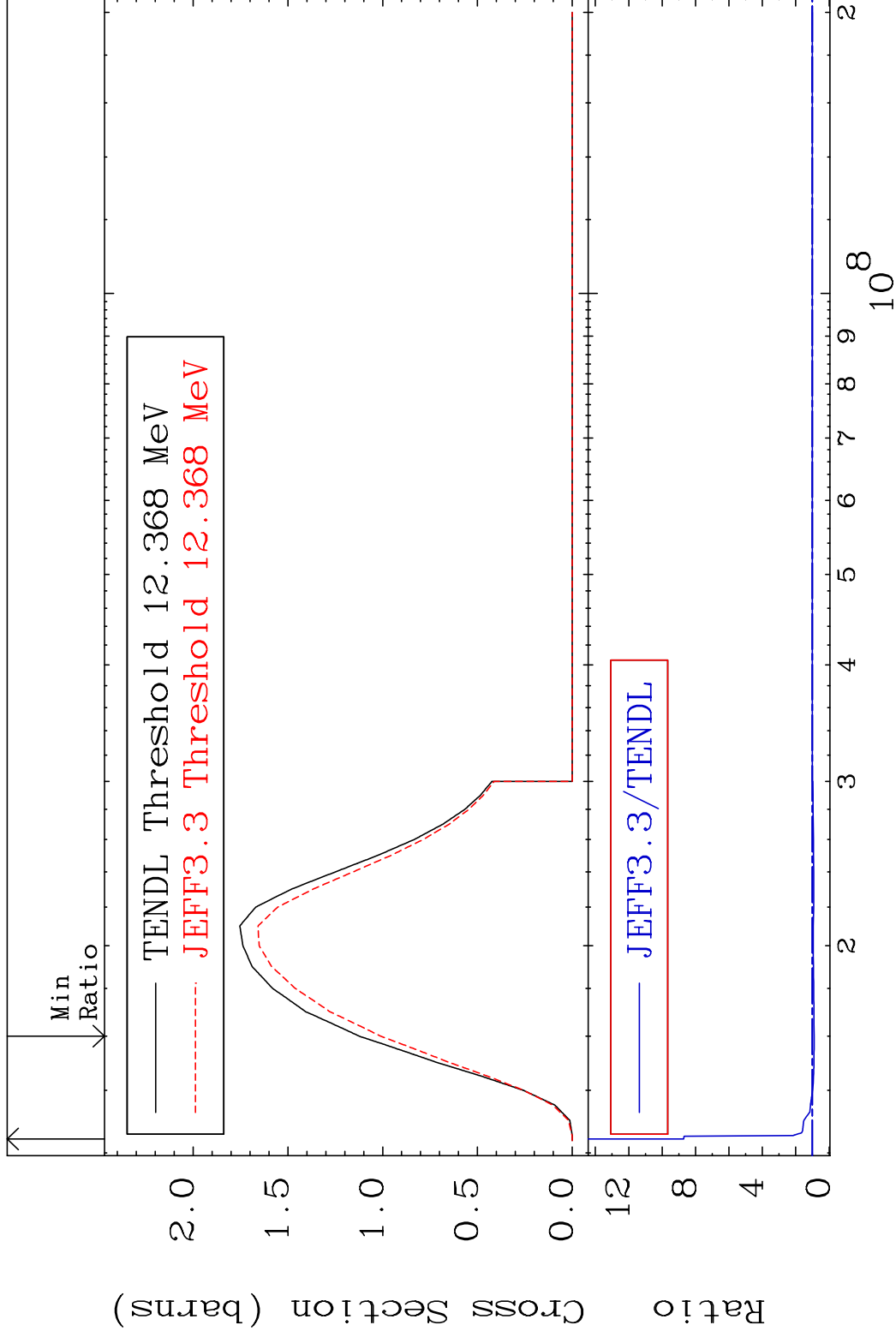
74-W -188

MAT 7449

(n,3n)

74-W -188

Cross Section -10.05 To 771.2 %



6

Incident Energy (eV)

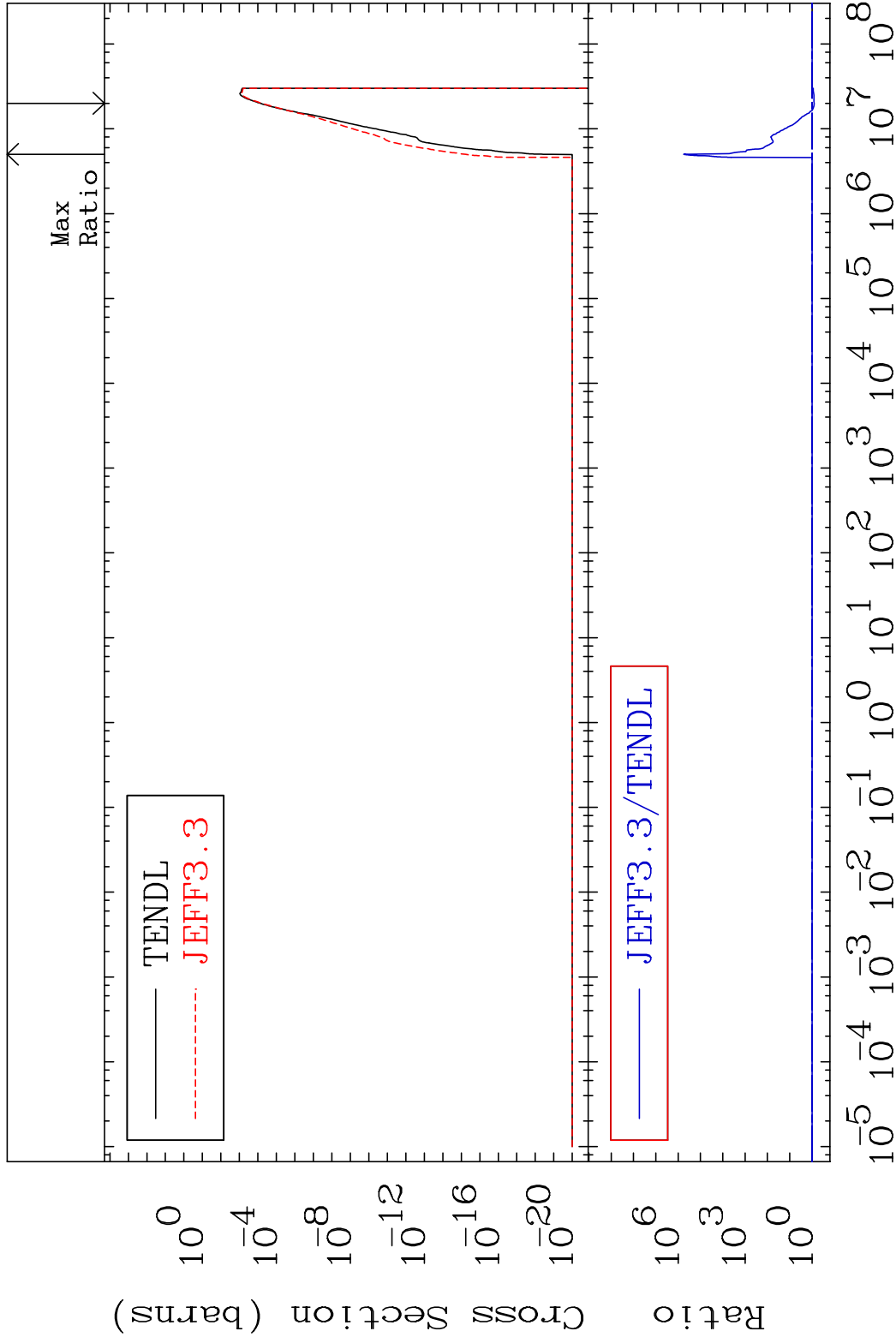
74-W -188

MAT 7449

(n, n') α

74-W -188

Cross Section -19.50 To 9999. %



7

Incident Energy (eV)

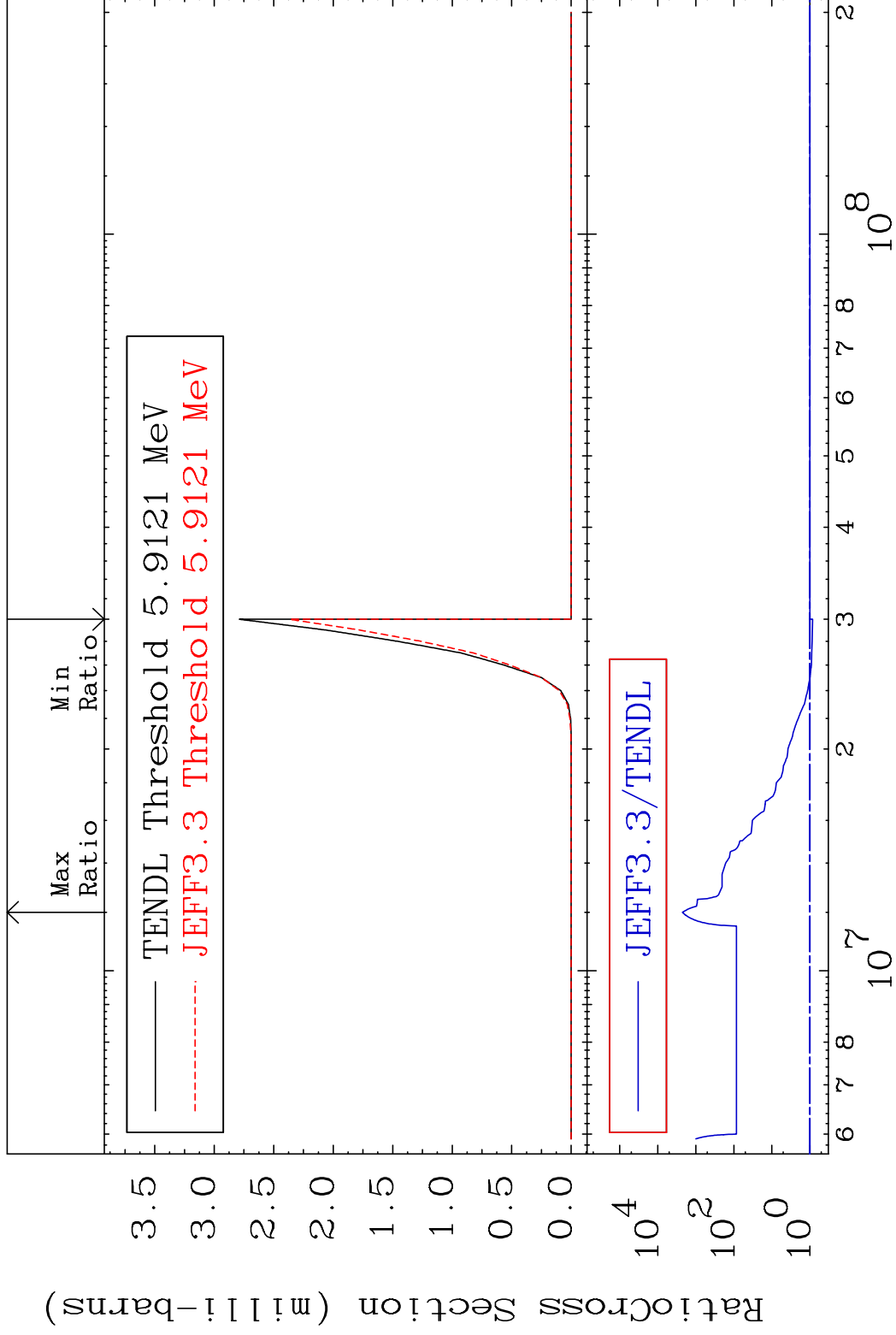
74-W -188

MAT 7449

(n,2n) α

74-W -188

Cross Section -15.12 To 9999. %



8

Incident Energy (eV)

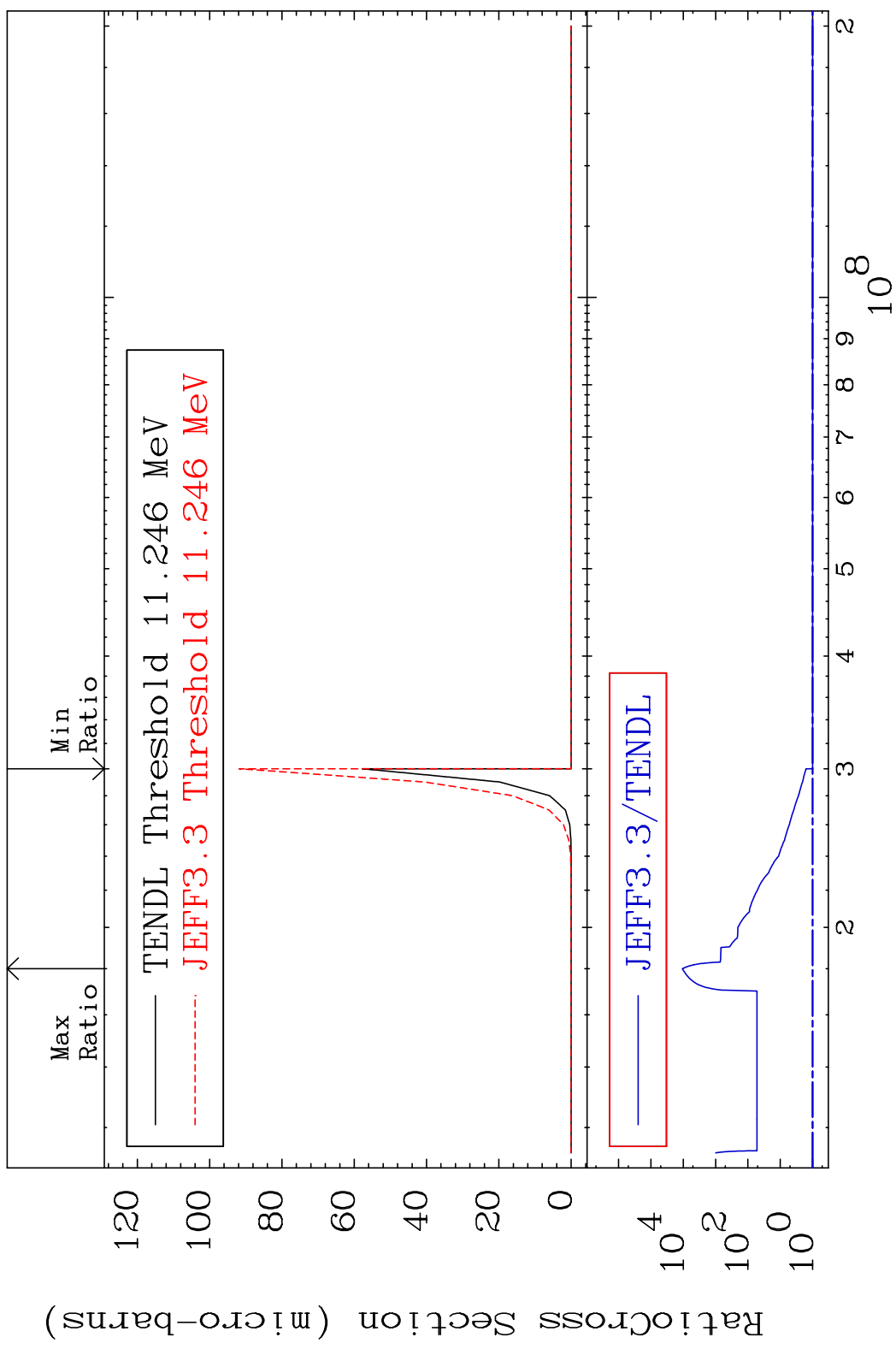
74-W -188

MAT 7449

(n,3n) α

74-W -188

Cross Section 0.000 To 9999. %

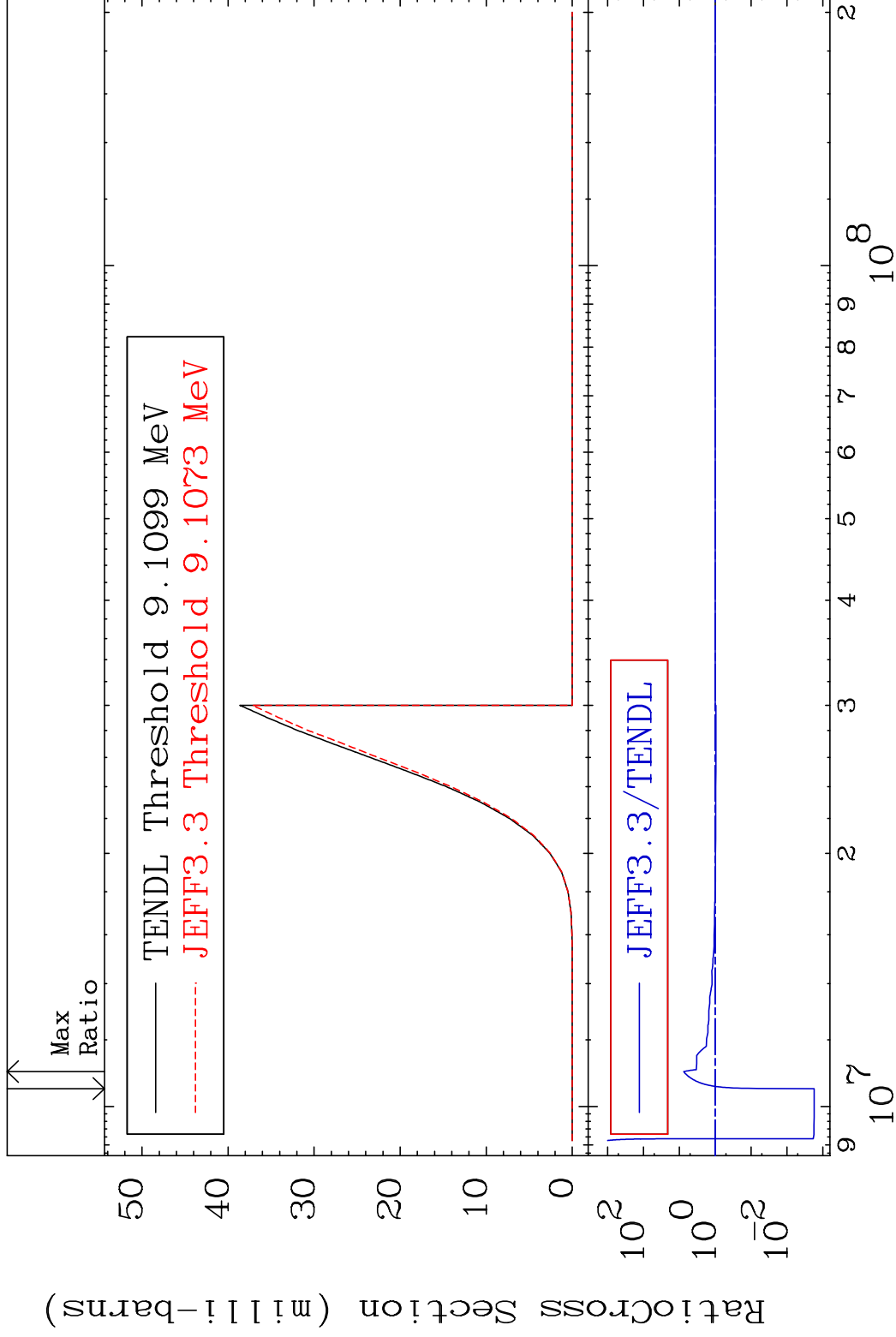


MAT 7449

(n, n') p

74-W -188

Cross Section -99.83 To 658.6 %



10

Incident Energy (eV)

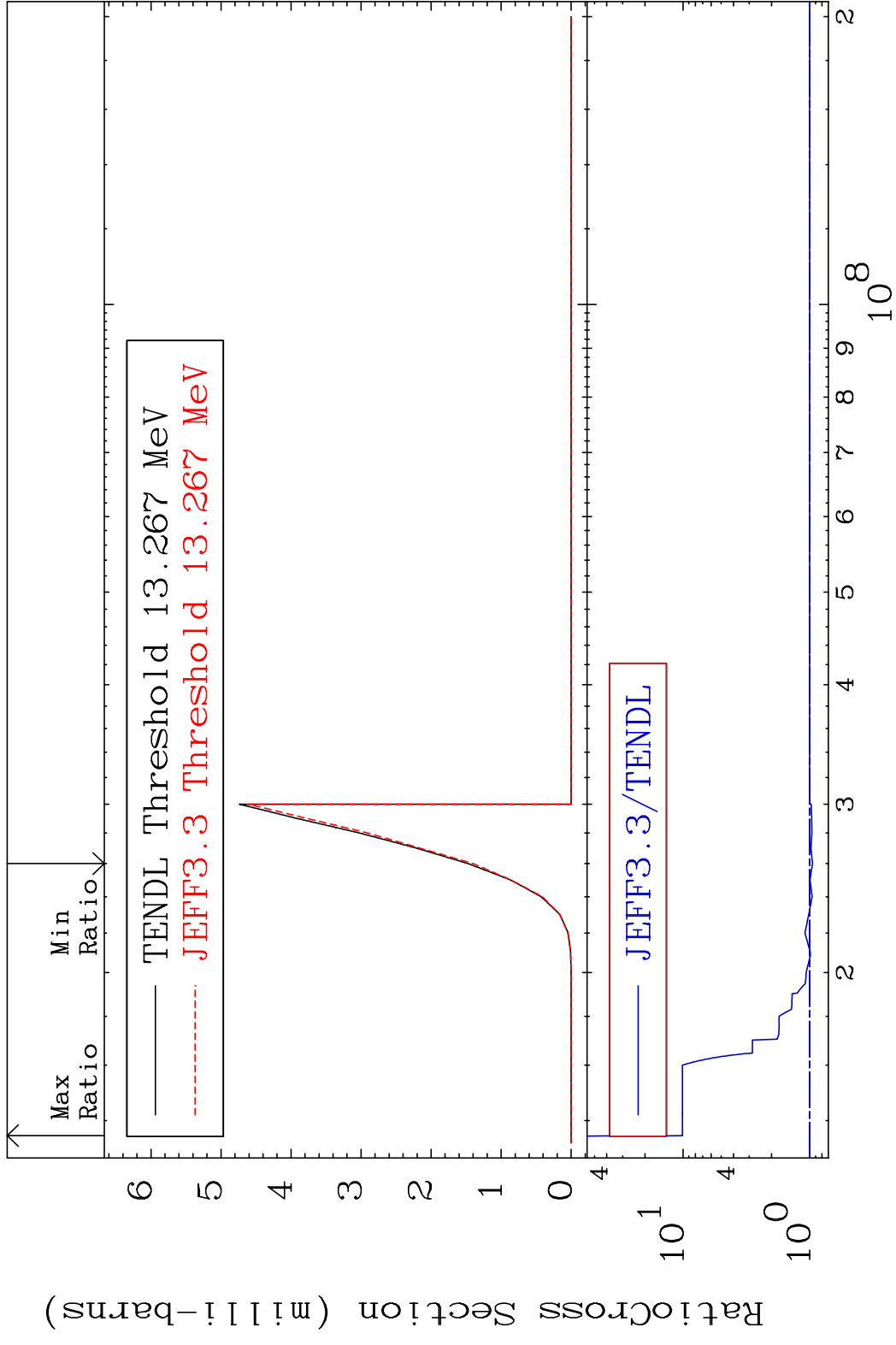
74-W -188

MAT 7449

(n, n') d

74-W -188

Cross Section -5.025 To 912.7 %

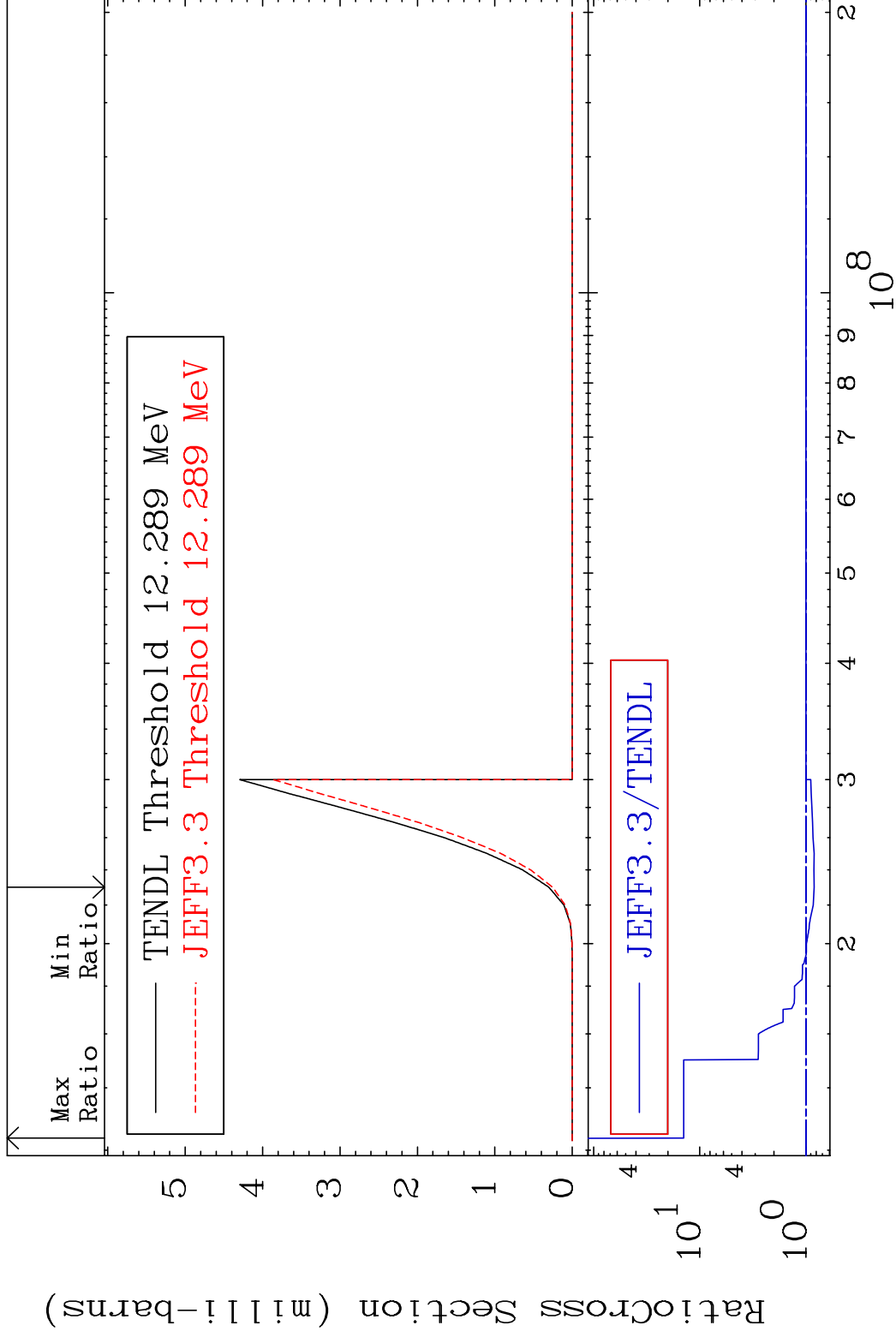


MAT 7449

(n, n') t

74-W -188

Cross Section -16.30 To 1319. %

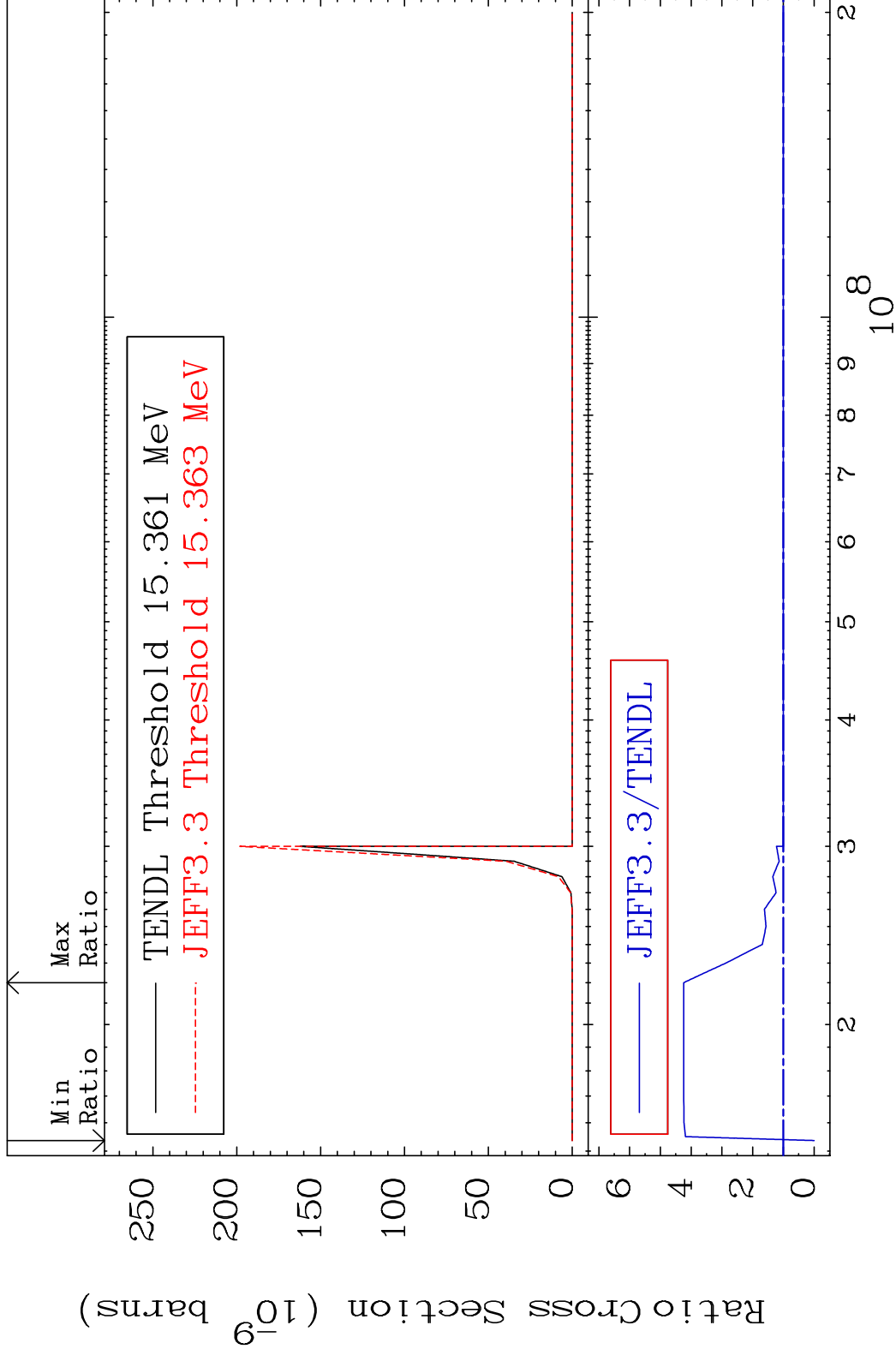


MAT 7449

(n,n') He-3

74-W -188

Cross Section -100.0 To 324.3 %

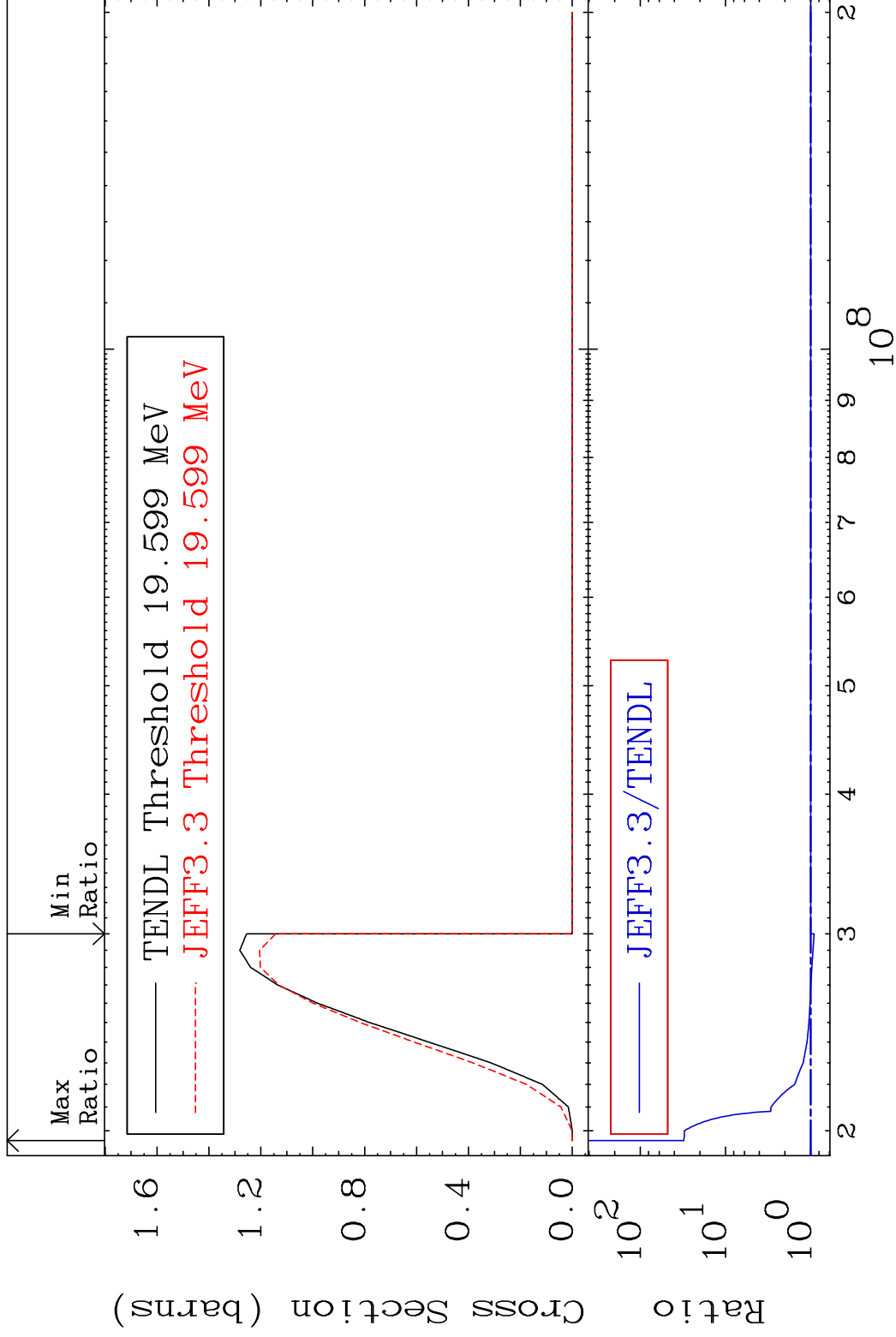


MAT 7449

(n,4n)

74-W -188

Cross Section -8.898 To 3000. %



14

Incident Energy (eV)

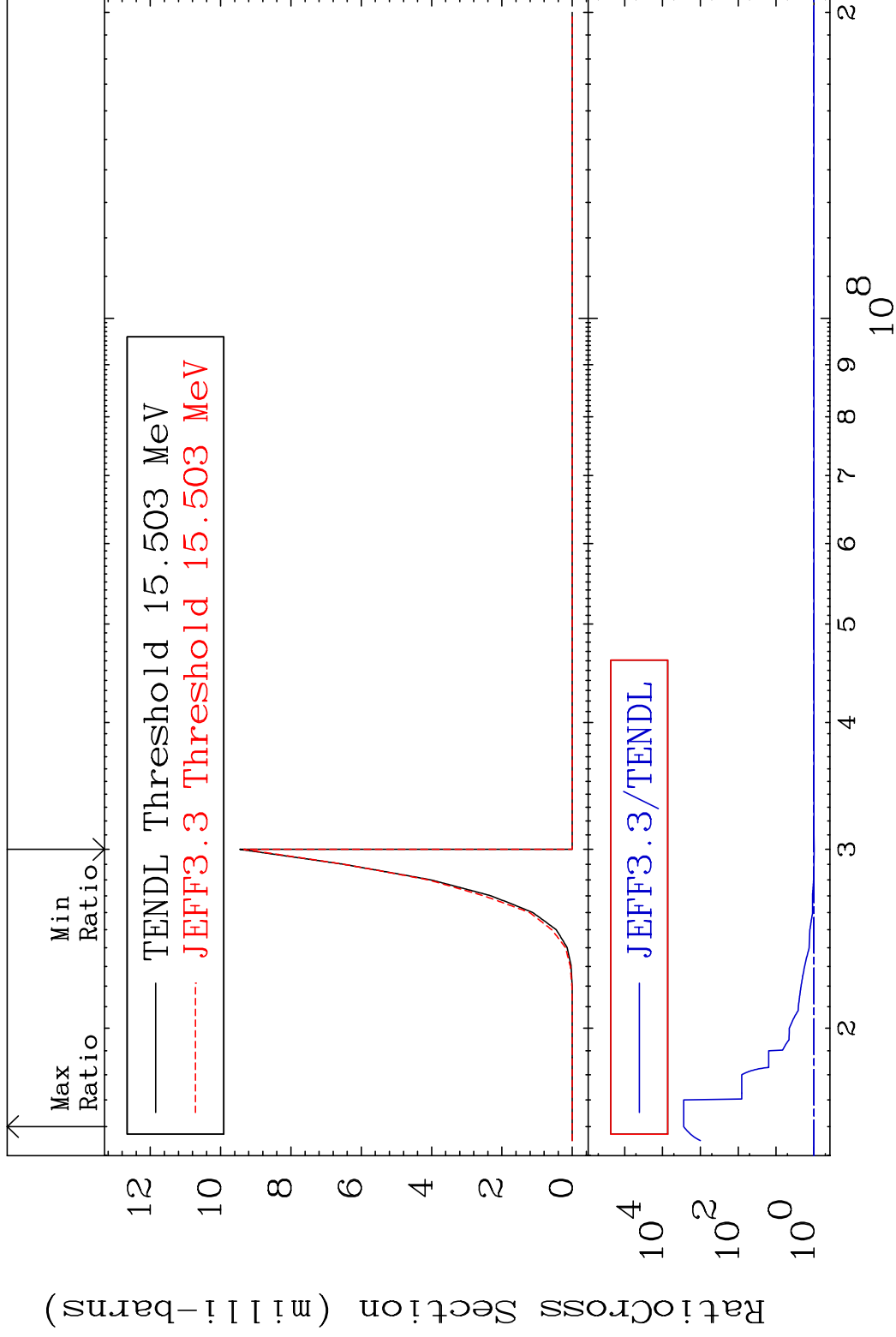
74-W -188

MAT 7449

(n,2n) p

74-W -188

Cross Section -1.239 To 9999. %



15

Incident Energy (eV)

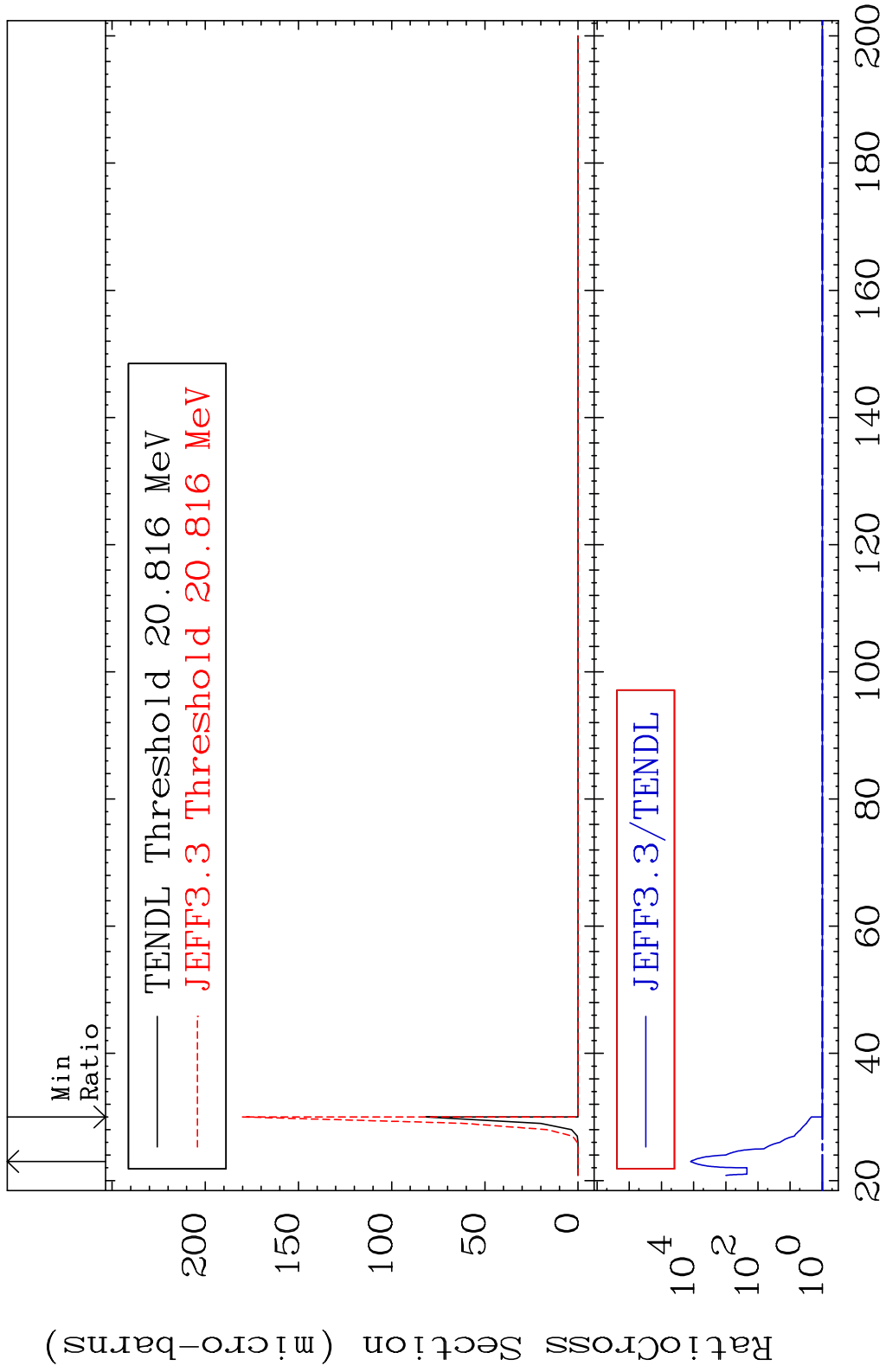
74-W -188

MAT 7449

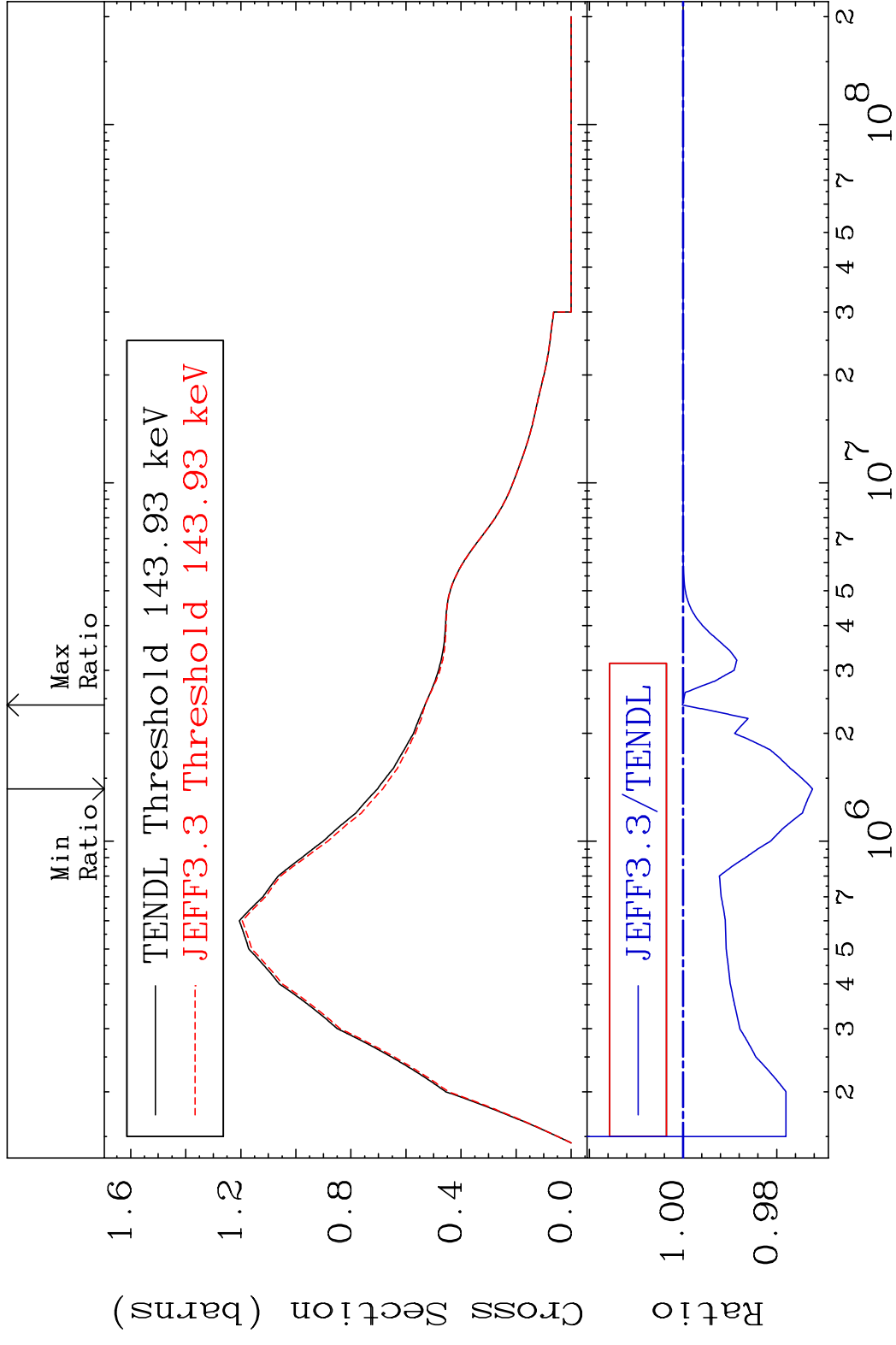
(n,3n) p

74-W -188

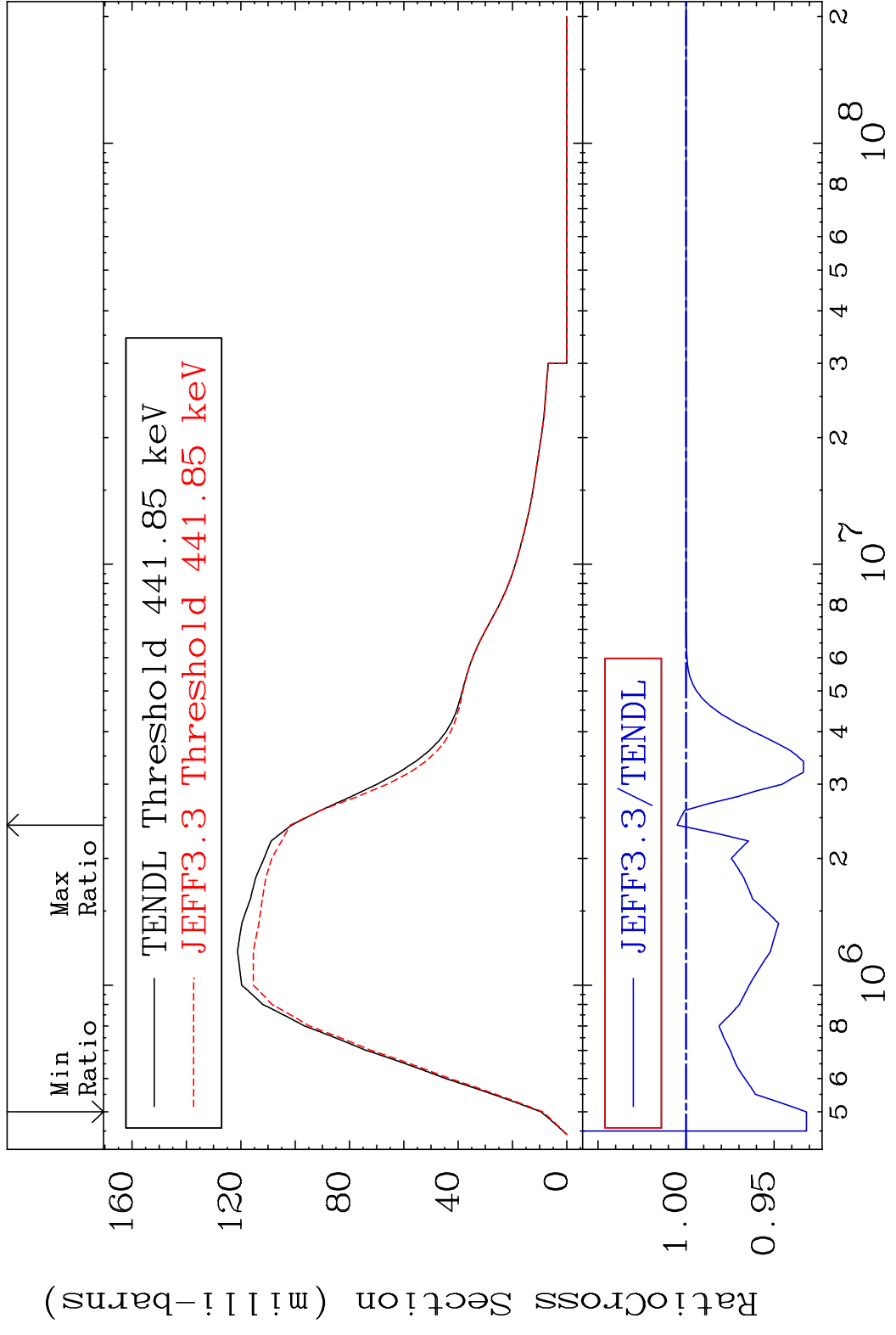
Cross Section 0.000 To 9999. %



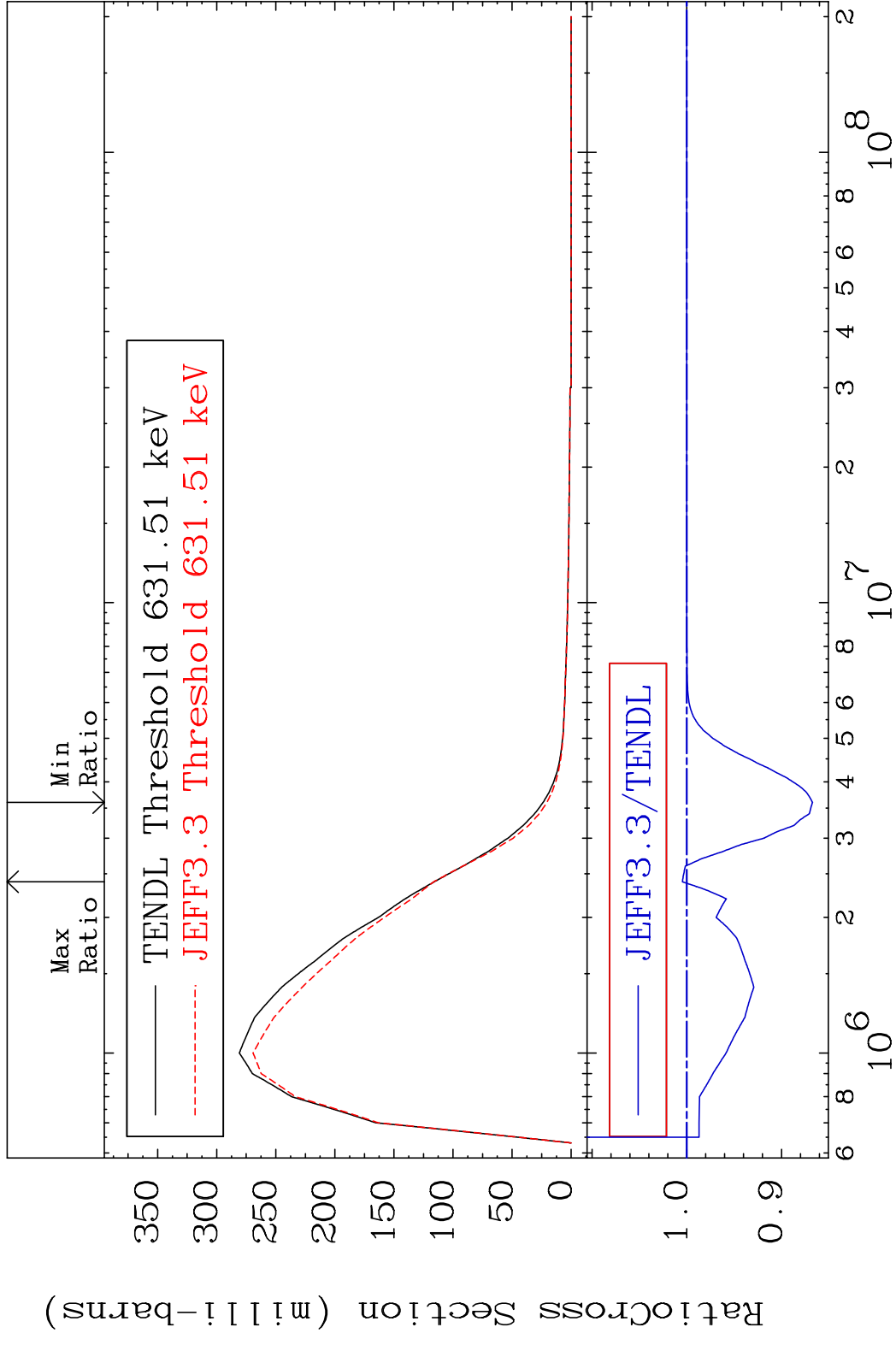
MAT 7449 MT= 51 (n, n') Level 74-W -188
 Cross Section -2.765 To 0.014 %



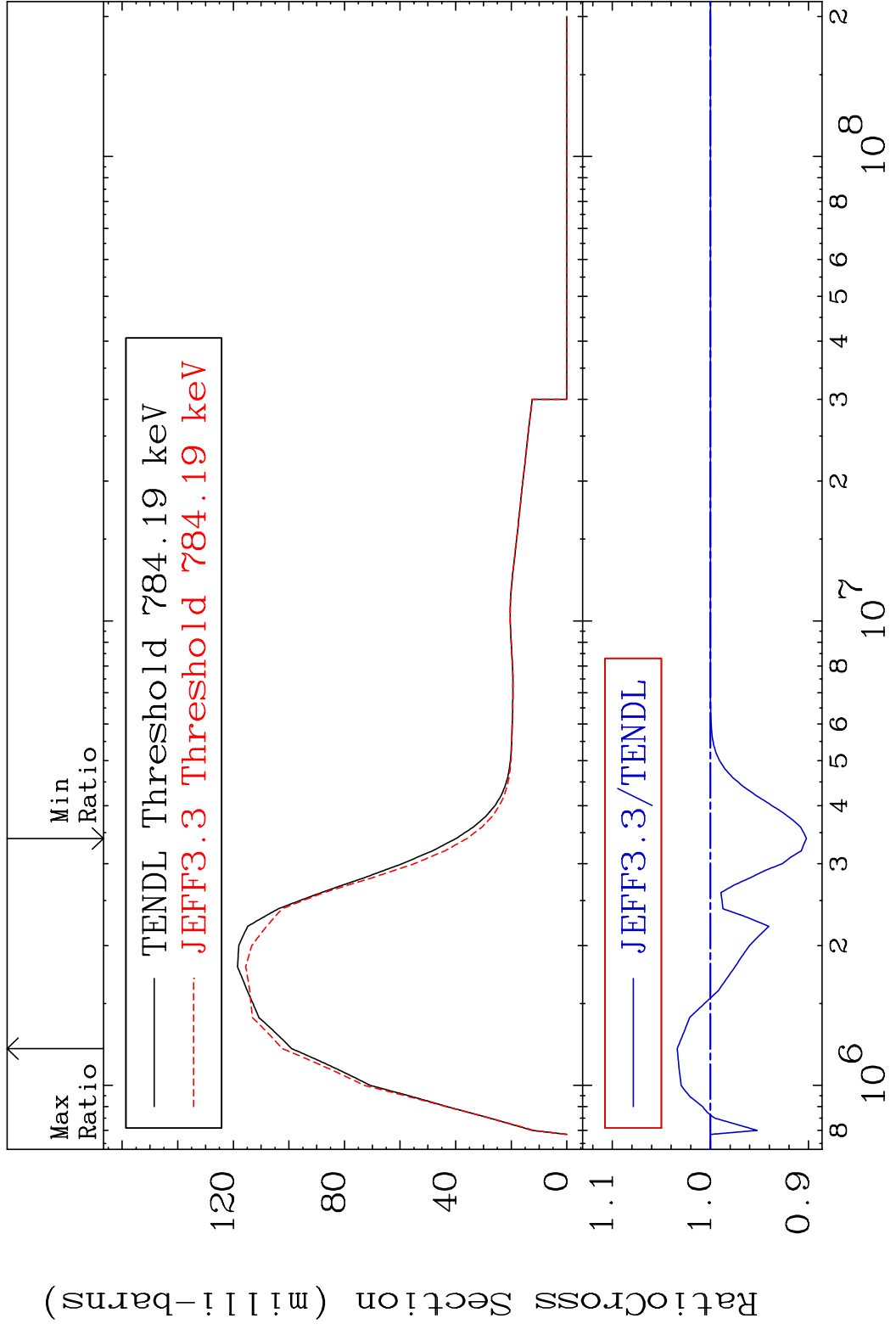
MAT 7449 MT= 52 (n, n') Level 74-W -188
 Cross Section -6.832 To 0.503 %



MAT 7449 MT= 53 (n, n') Level 74-W -188
 Cross Section -13.28 To 0.469 %

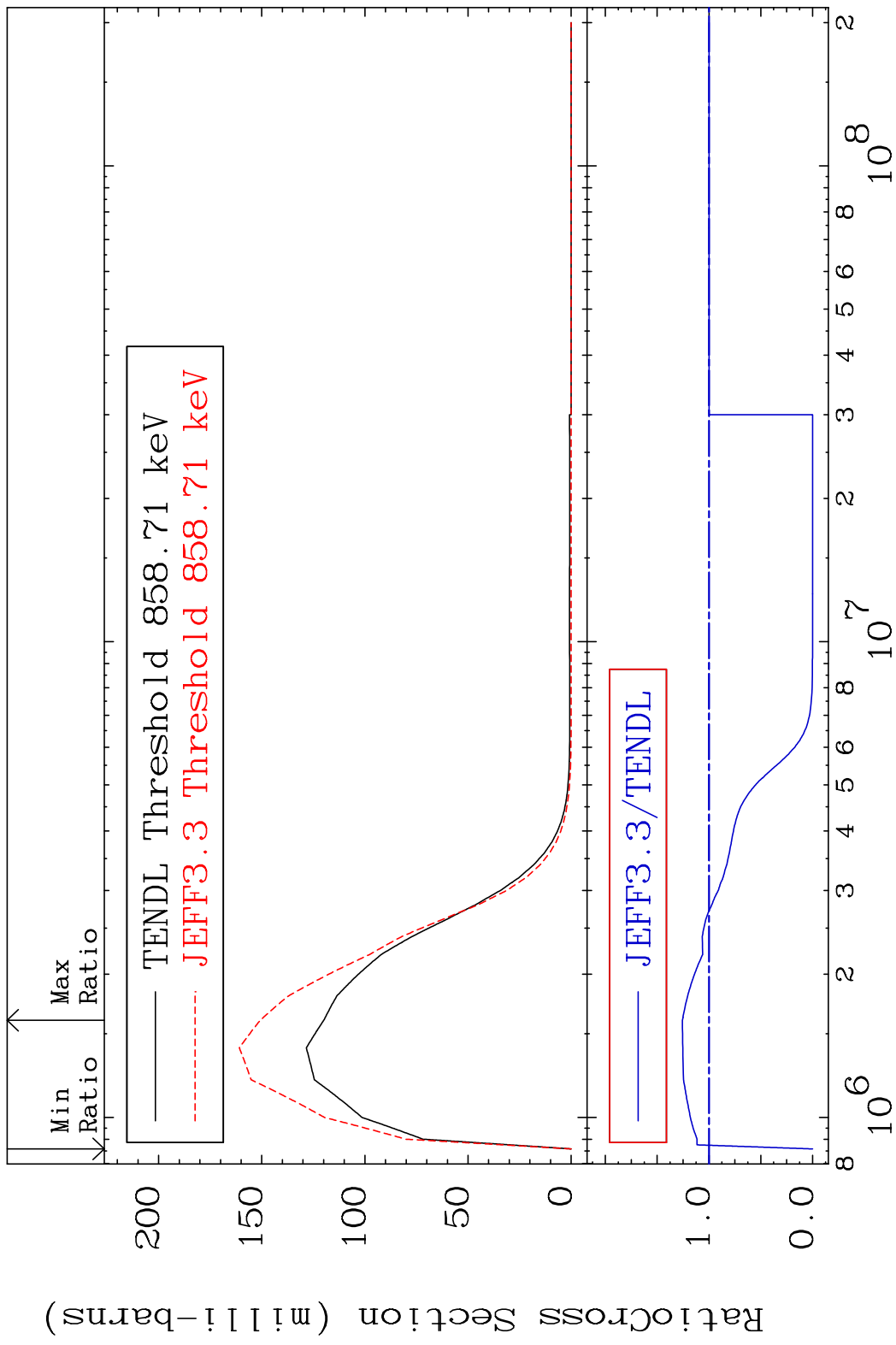


MAT 7449 MT= 54 (n, n') Level 74-W -188
 Cross Section -9.777 To 3.391 %

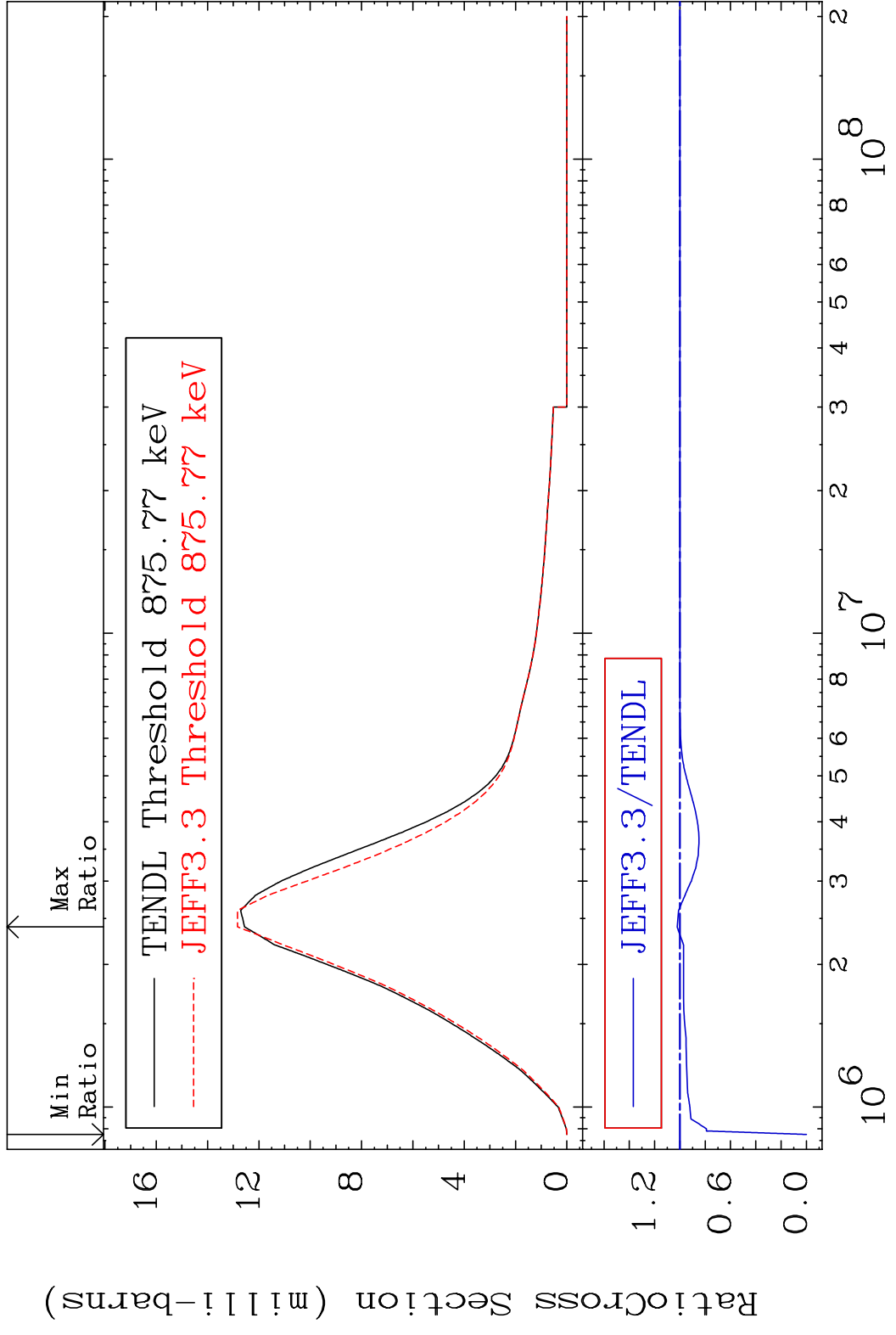


20 Incident Energy (eV) 74-W -188

MAT 7449 MT= 55 (n,n') Level 74-W -188
 Cross Section -100.0 To 25.70 %

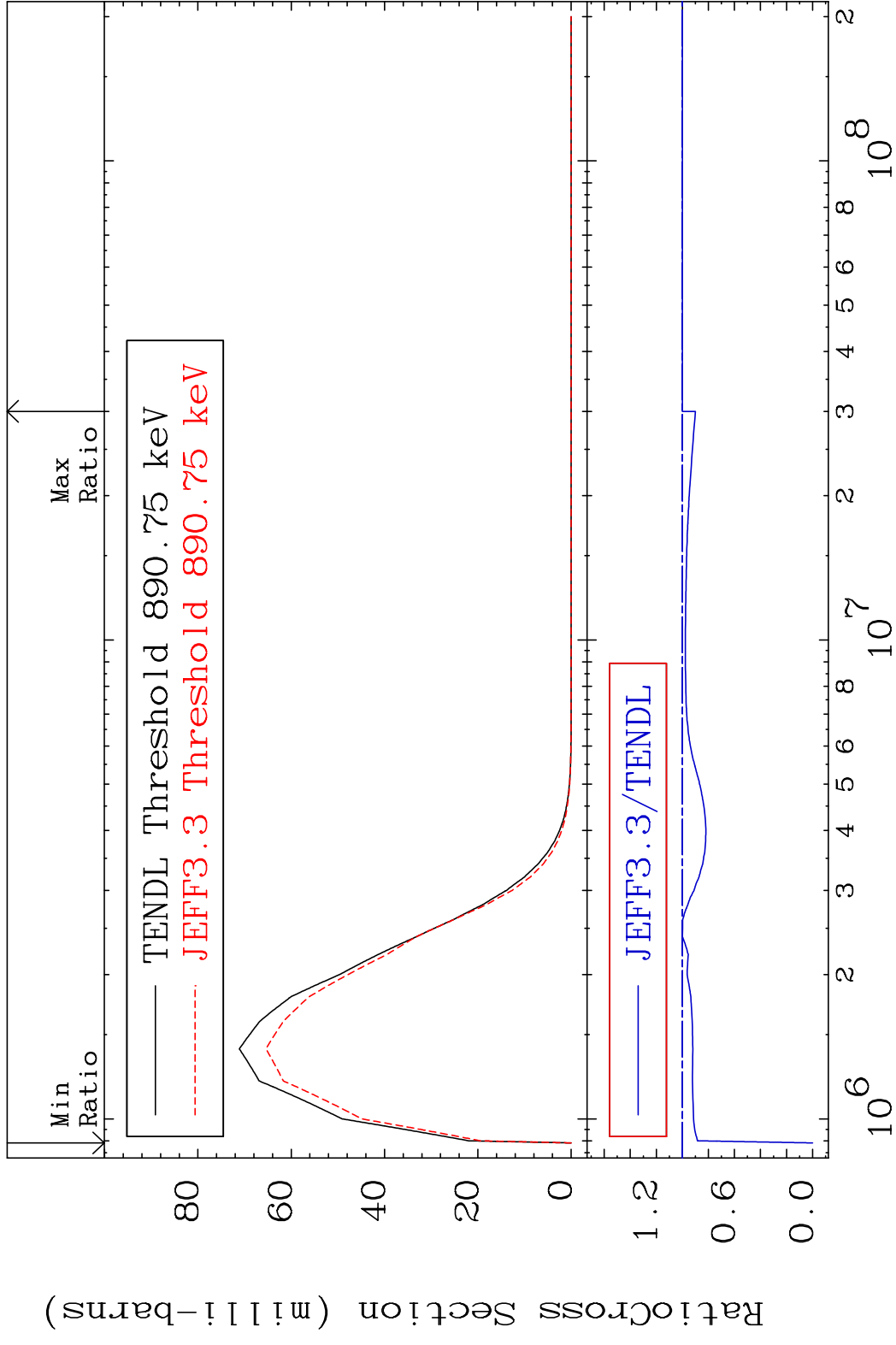


MAT 7449 MT= 56 (n, n') Level 74-W -188
 Cross Section -100.0 To 2.158 %

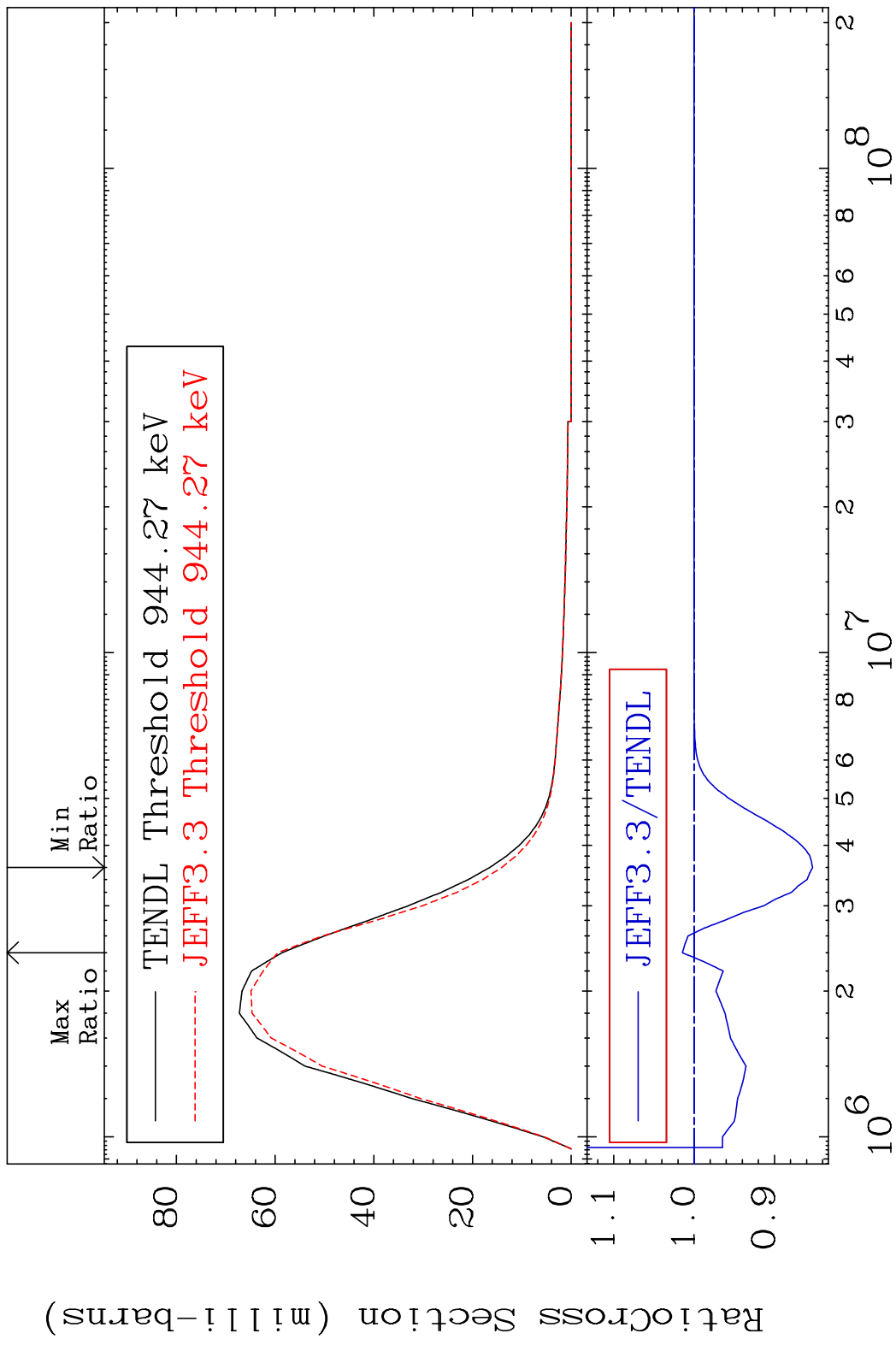


22 Incident Energy (eV) 74-W -188

MAT 7449 MT= 57 (n, n') Level 74-W -188
 Cross Section -100.0 To 0.000 %

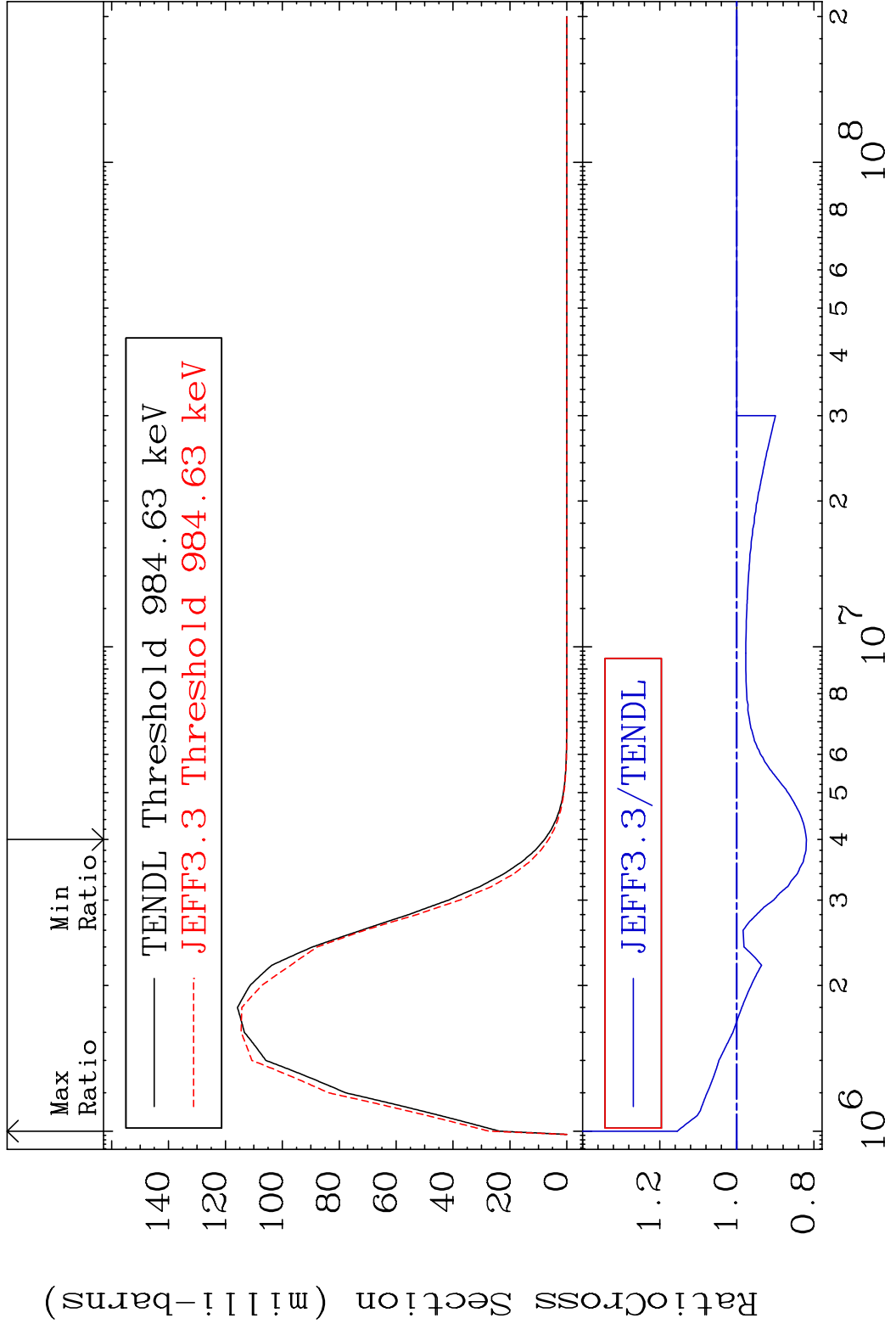


MAT 7449 MT= 58 (n, n') Level 74-W -188
 Cross Section -14.74 To 1.463 %



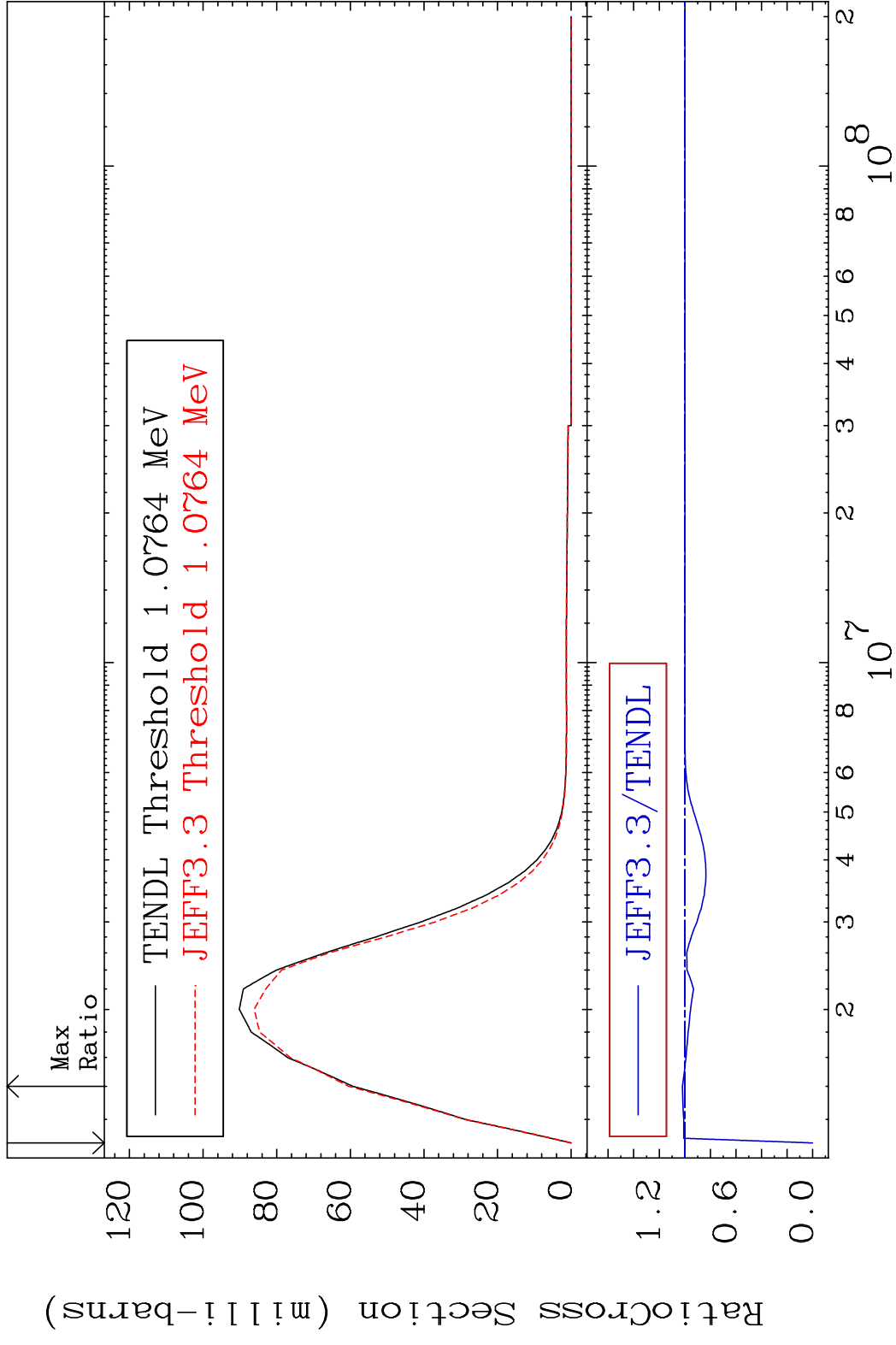
24 Incident Energy (eV) 74-W -188

MAT 7449 MT= 59 (n, n') Level 74-W -188
 Cross Section -18.06 To 15.47 %

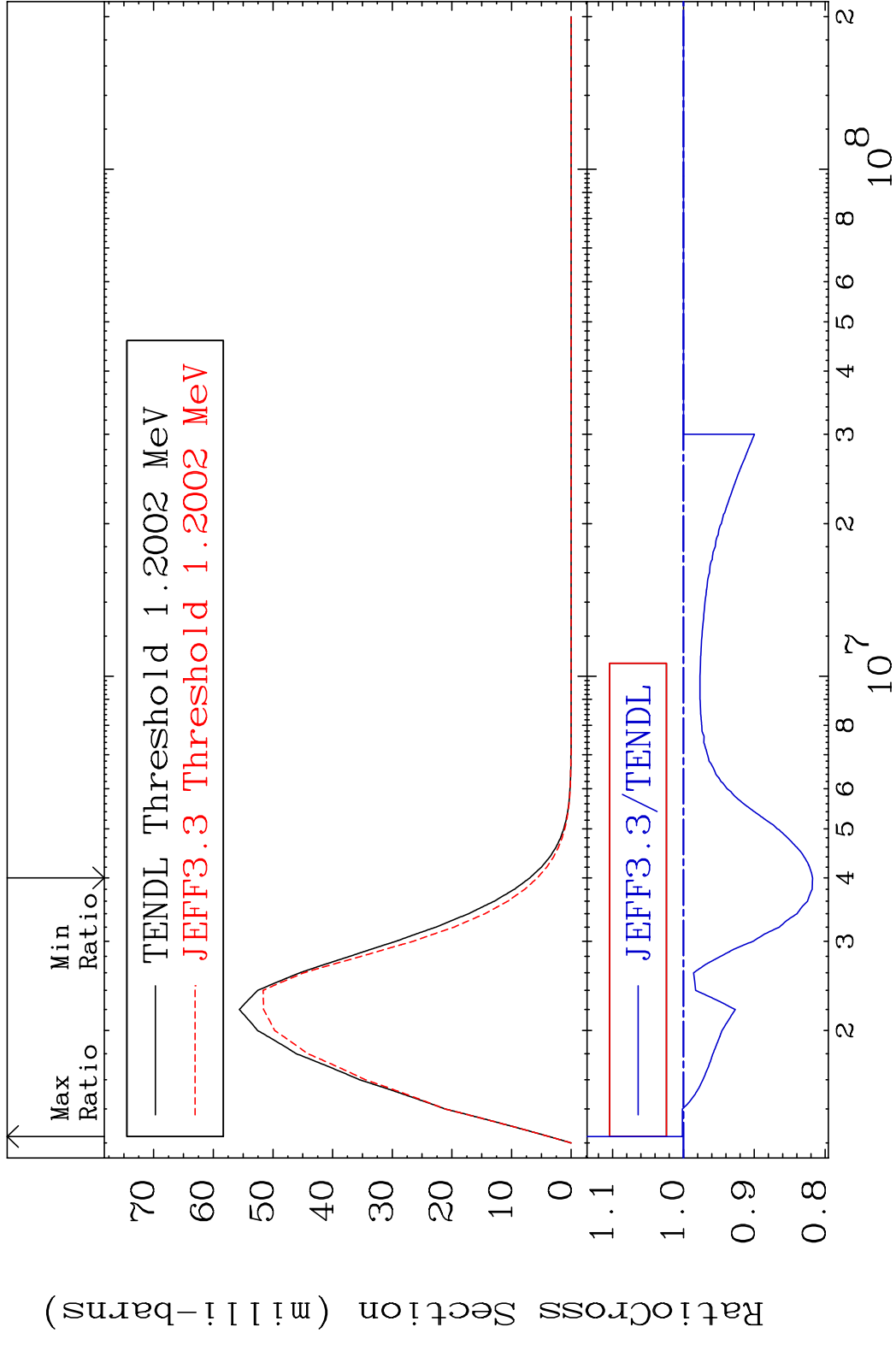


25 Incident Energy (eV) 74-W -188

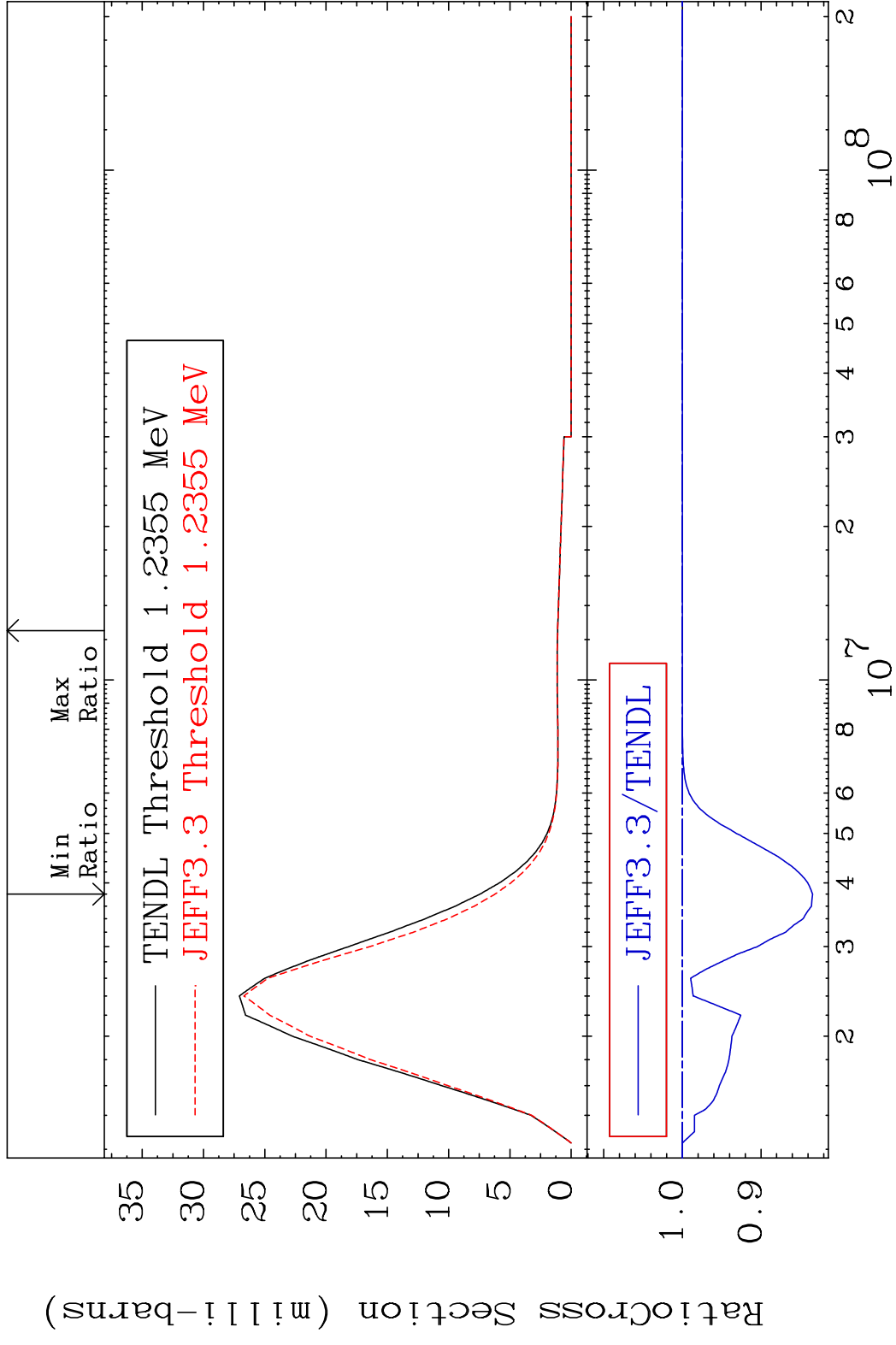
MAT 7449 MT= 60 (n, n') Level 74-W -188
 Cross Section -100.0 To 1.916 %



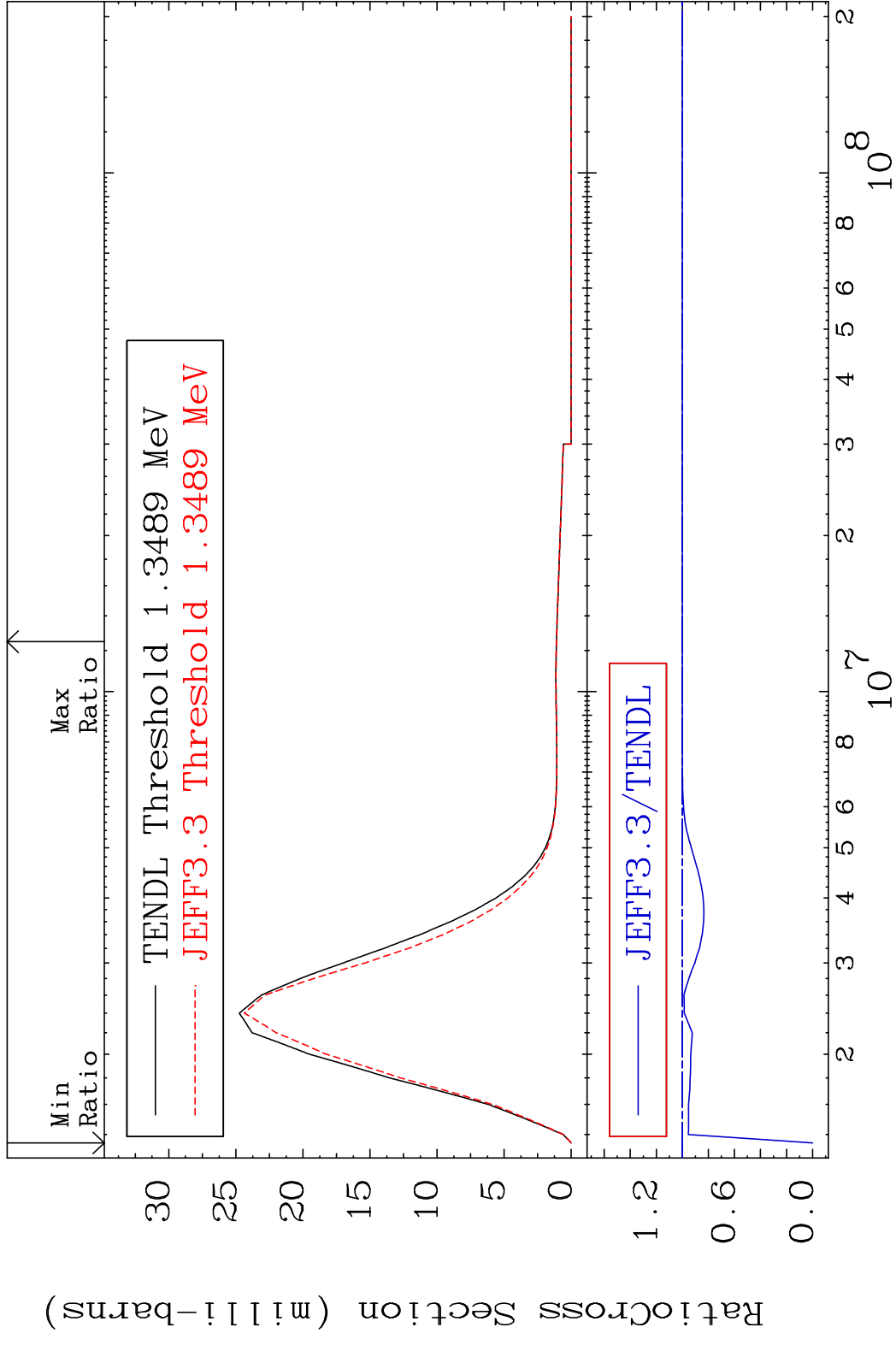
MAT 7449 MT= 61 (n, n') Level 74-W -188
 Cross Section -18.22 To 0.151 %



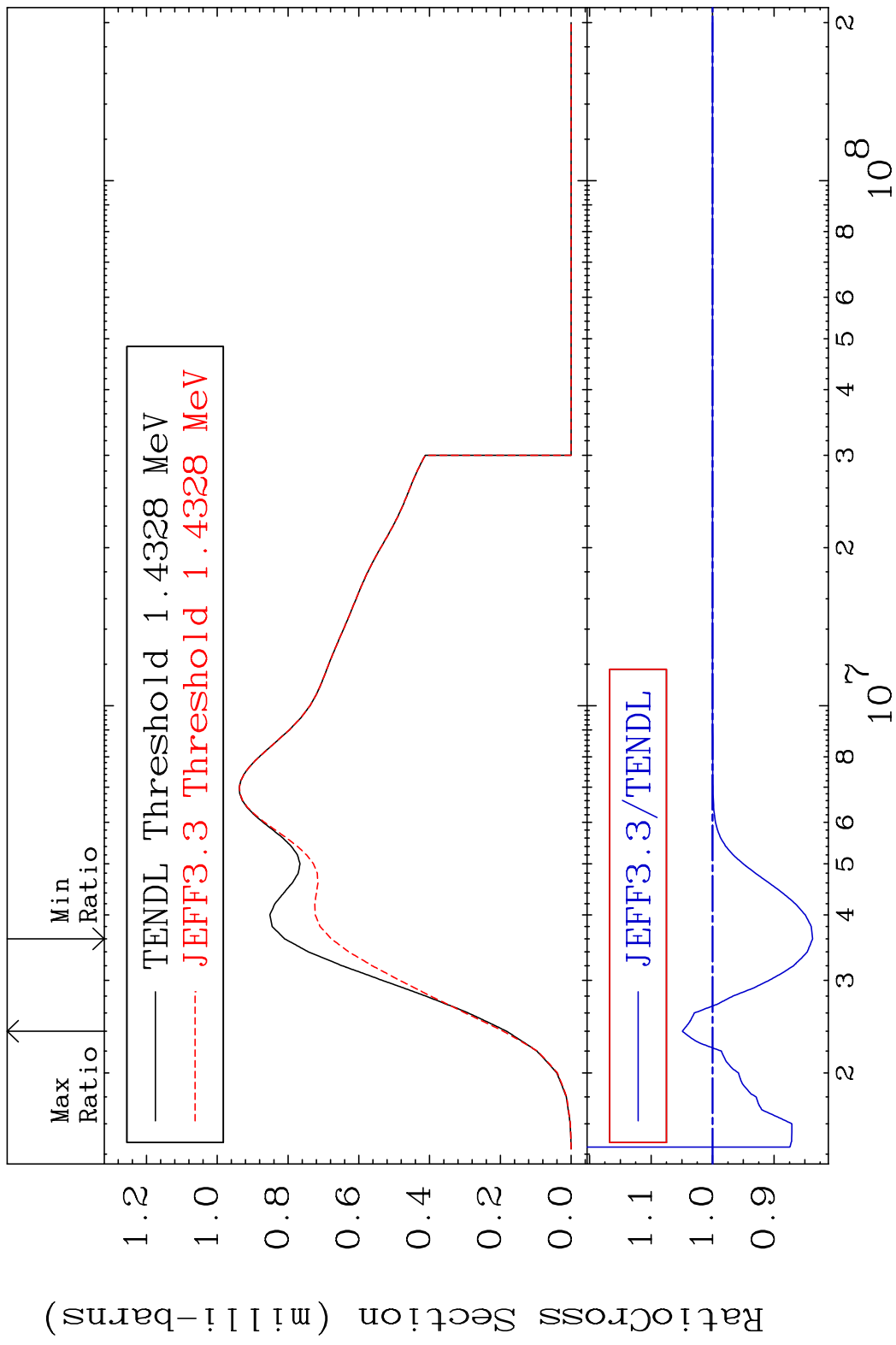
MAT 7449 MT= 62 (n, n') Level 74-W -188
 Cross Section -16.56 To 0.000 %



MAT 7449 MT= 63 (n, n') Level 74-W -188
 Cross Section -100.0 To 0.000 %



MAT 7449 MT= 64 (n, n') Level 74-W -188
 Cross Section -16.25 To 4.916 %

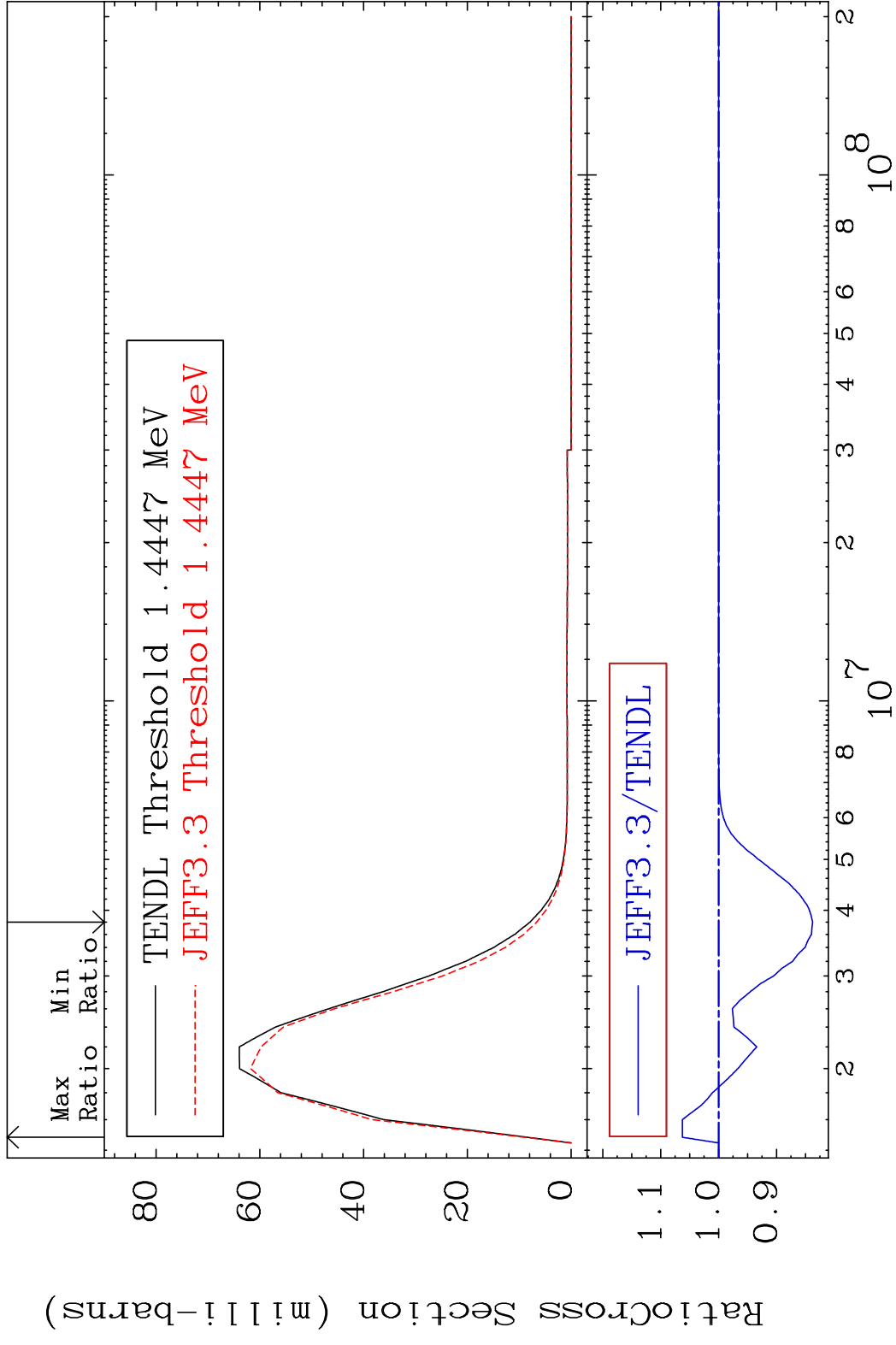


MAT 7449

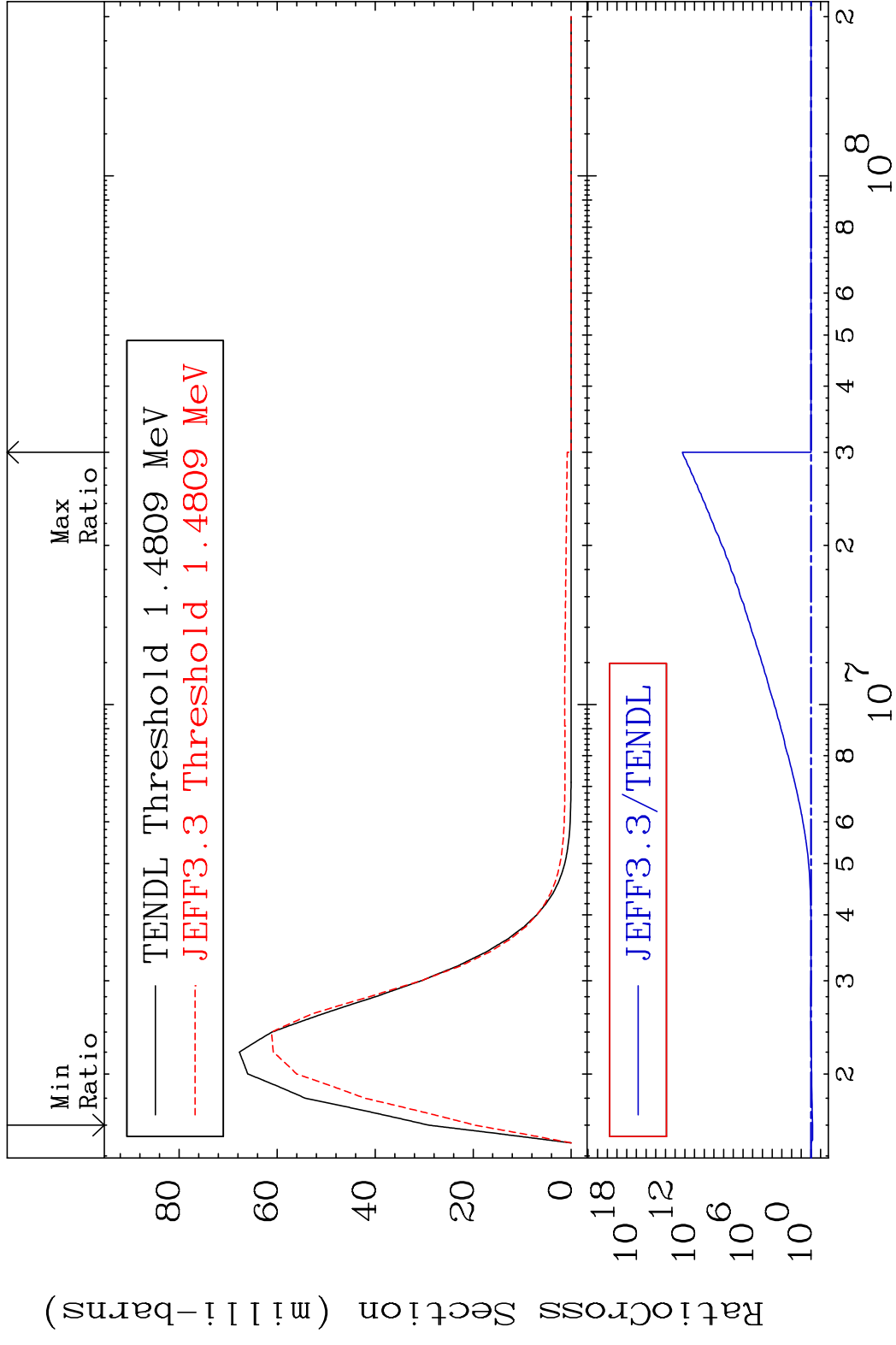
MT= 65 (n,n') Level

74-W -188

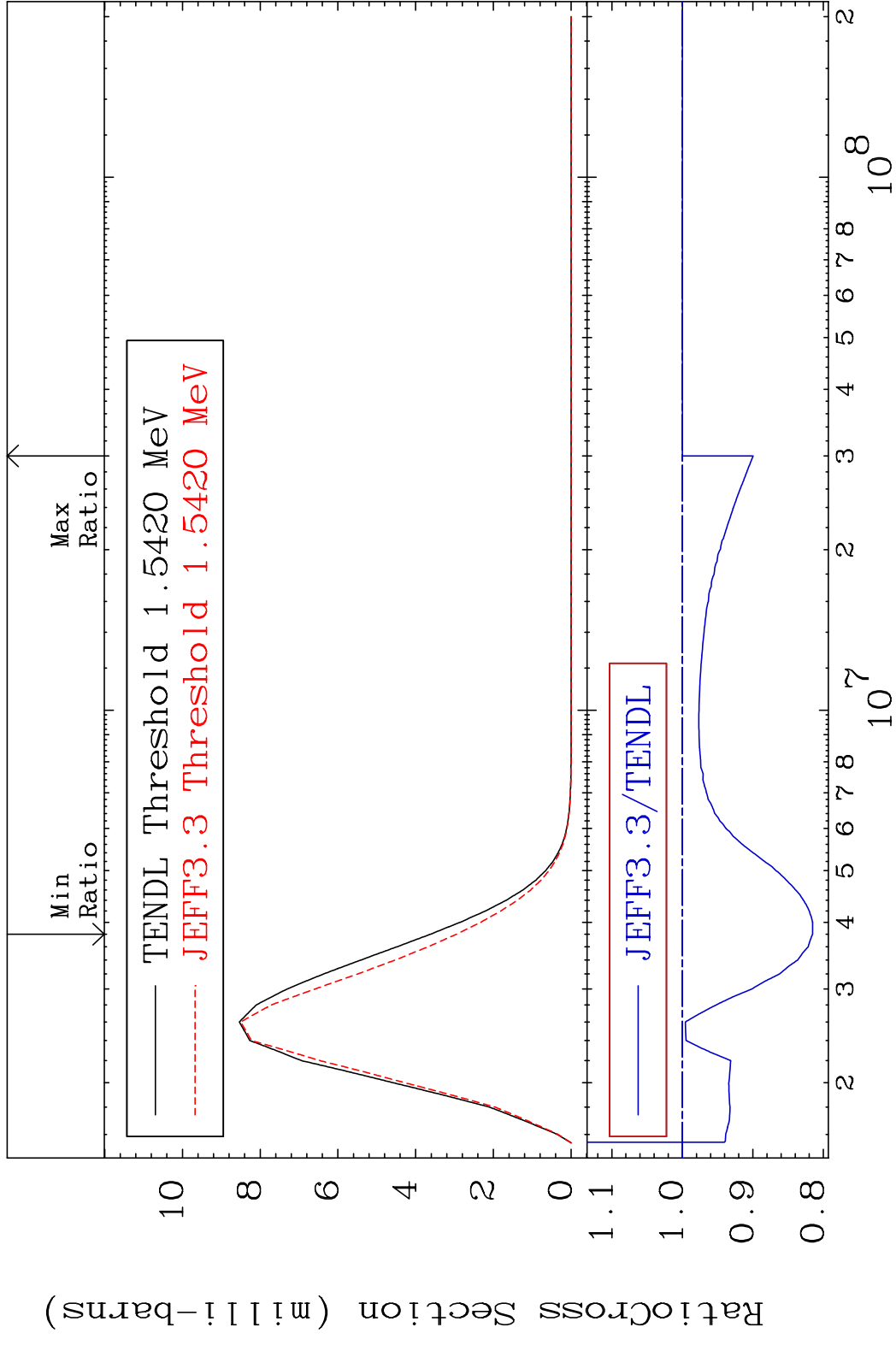
Cross Section -16.22 To 6.261 %



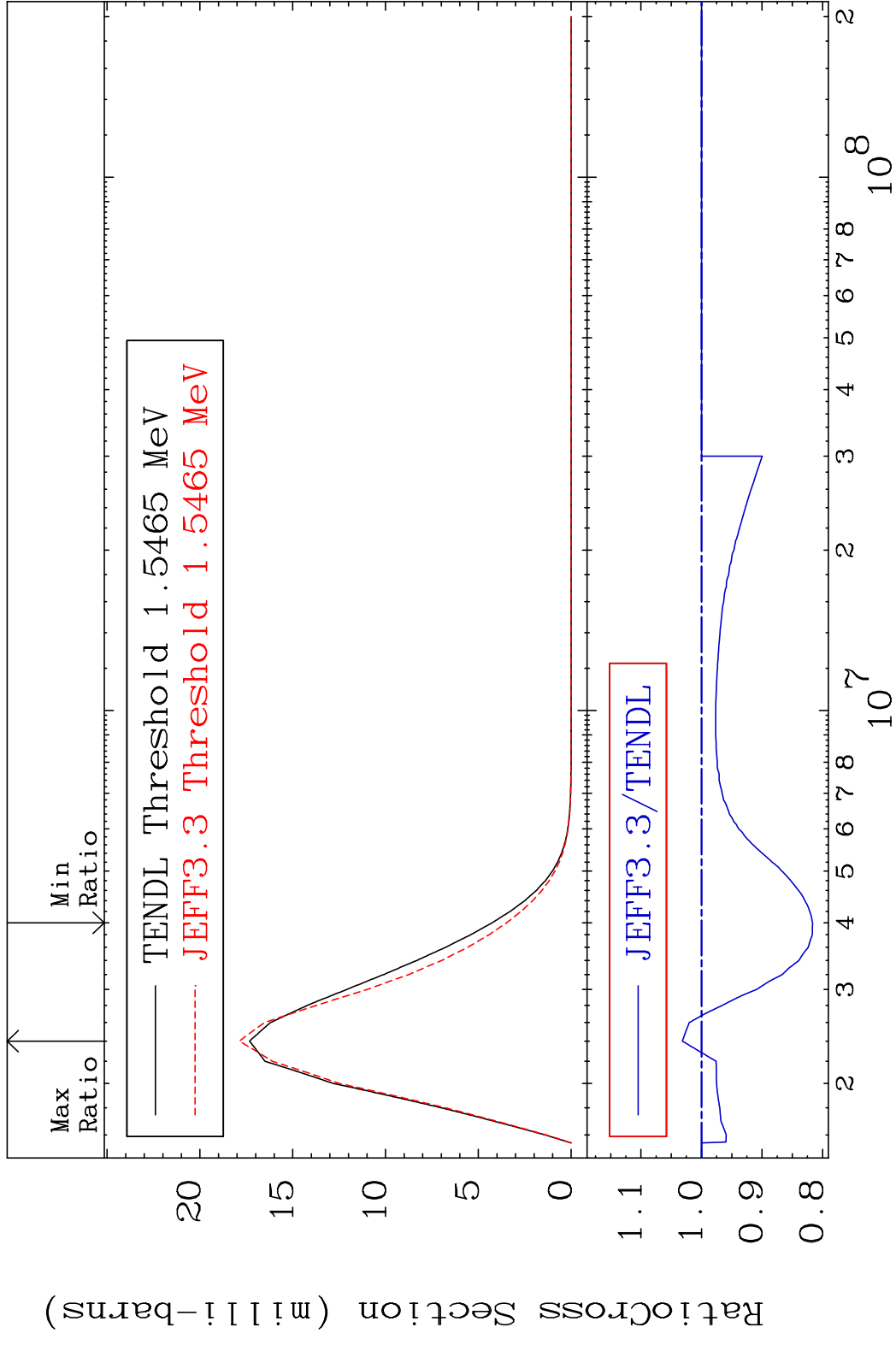
MAT 7449 MT= 66 (n, n') Level 74-W -188
 Cross Section -32.44 To 9999. %



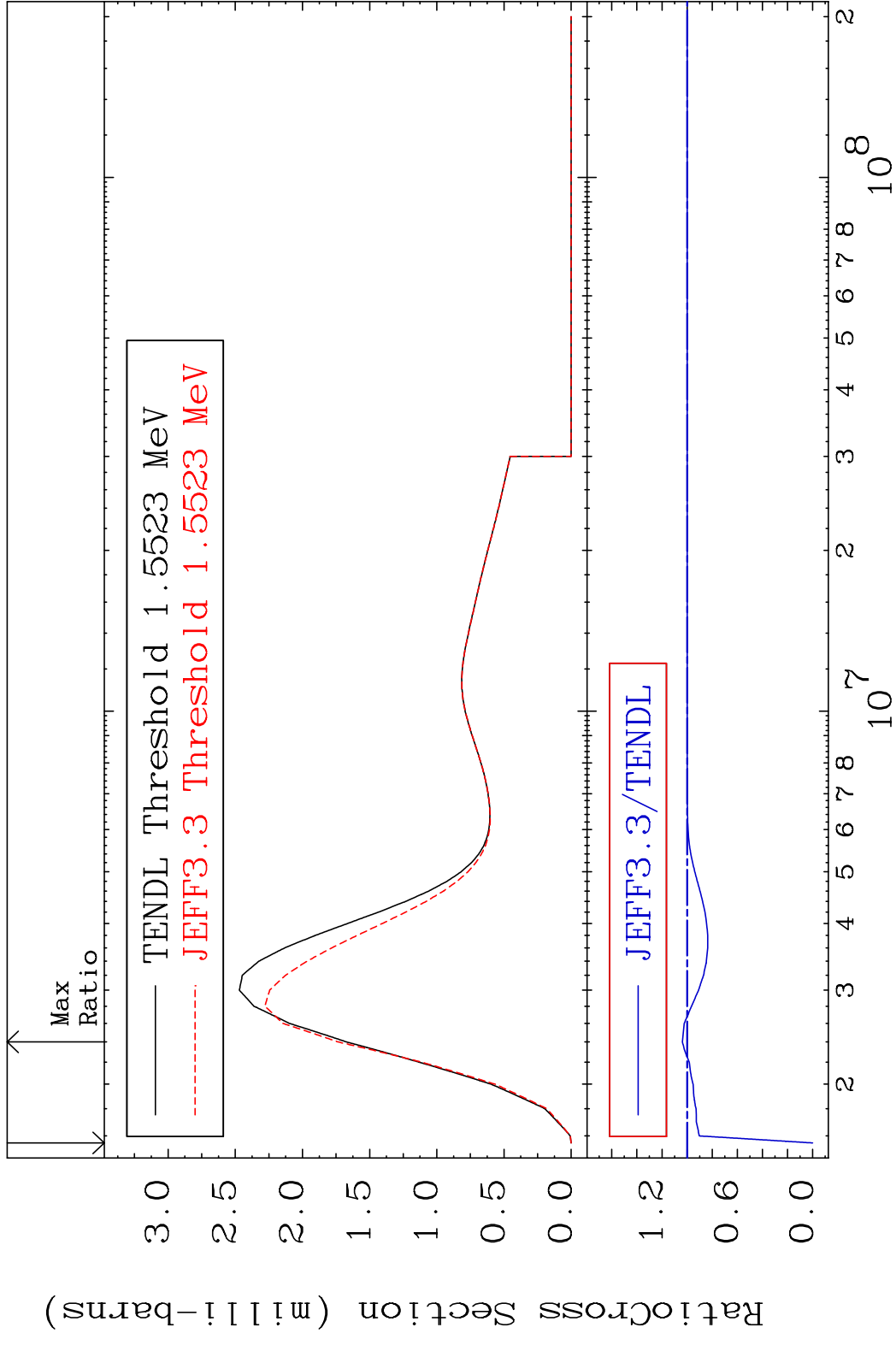
MAT 7449 MT= 67 (n, n') Level 74-W -188
 Cross Section -18.46 To 0.000 %



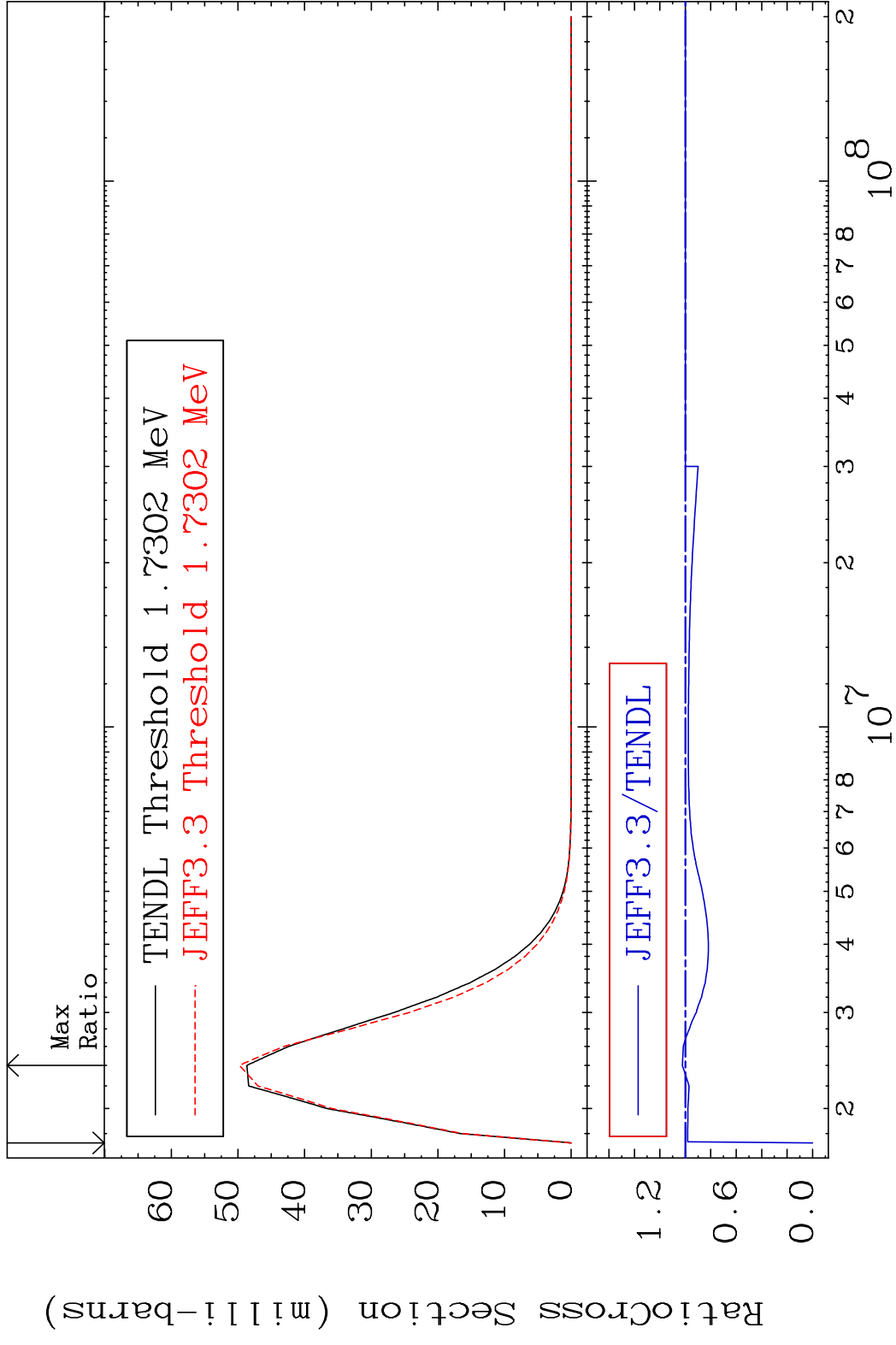
MAT 7449 MT= 68 (n, n') Level 74-W -188
 Cross Section -18.35 To 3.164 %



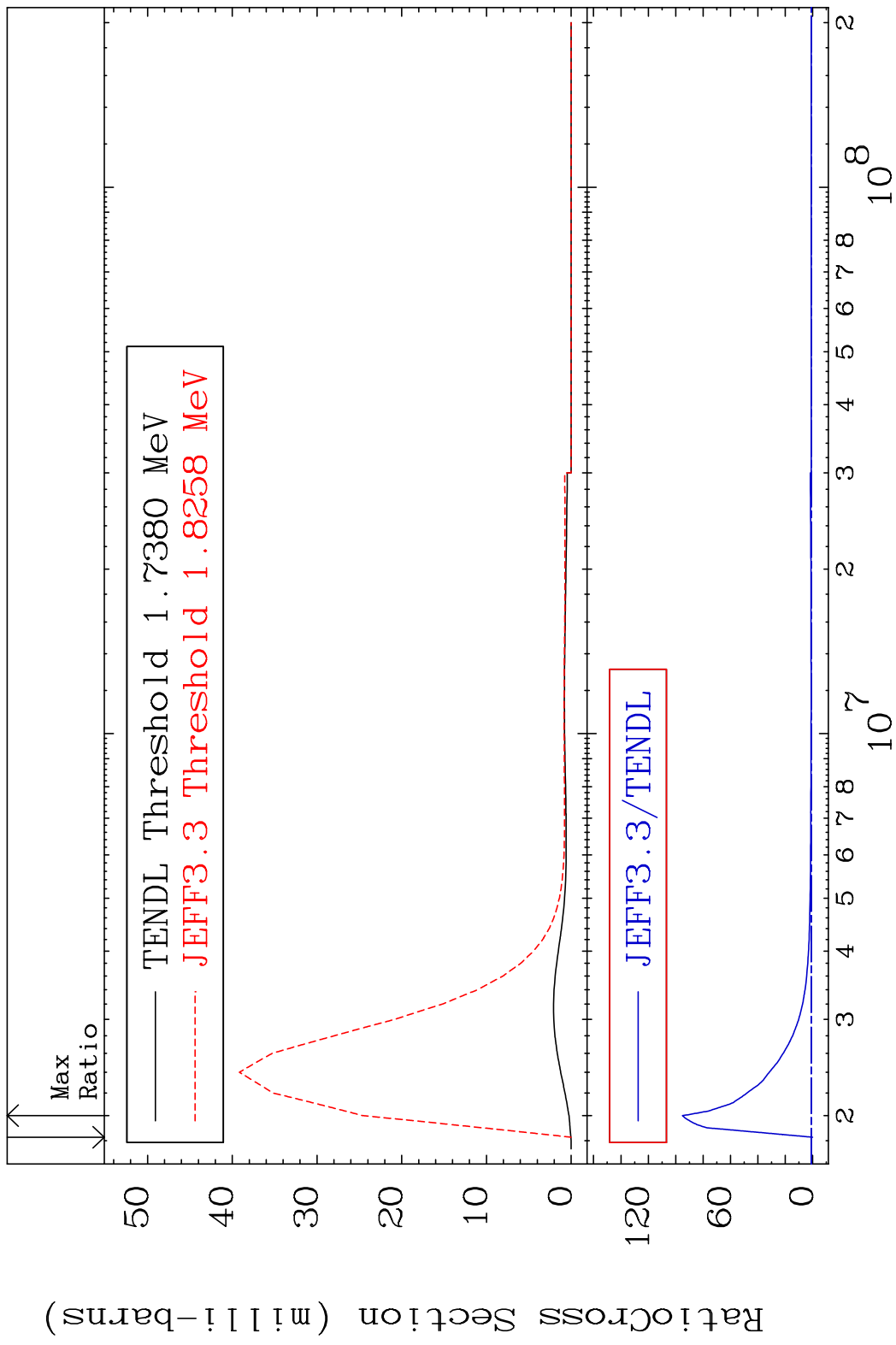
MAT 7449 MT= 69 (n, n') Level 74-W -188
 Cross Section -100.0 To 3.763 %



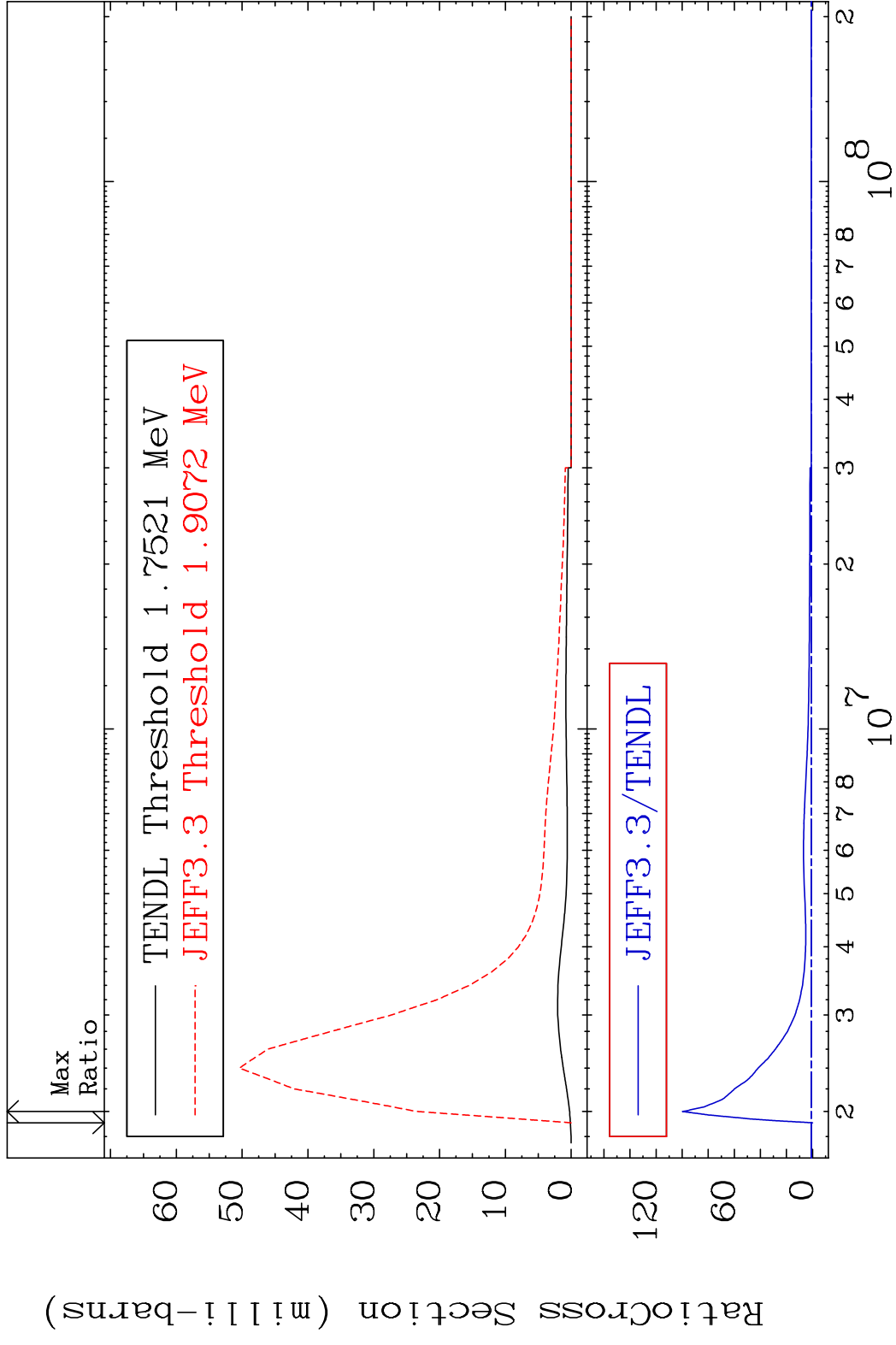
MAT 7449 MT= 70 (n, n') Level 74-W -188
 Cross Section -100.0 To 2.334 %



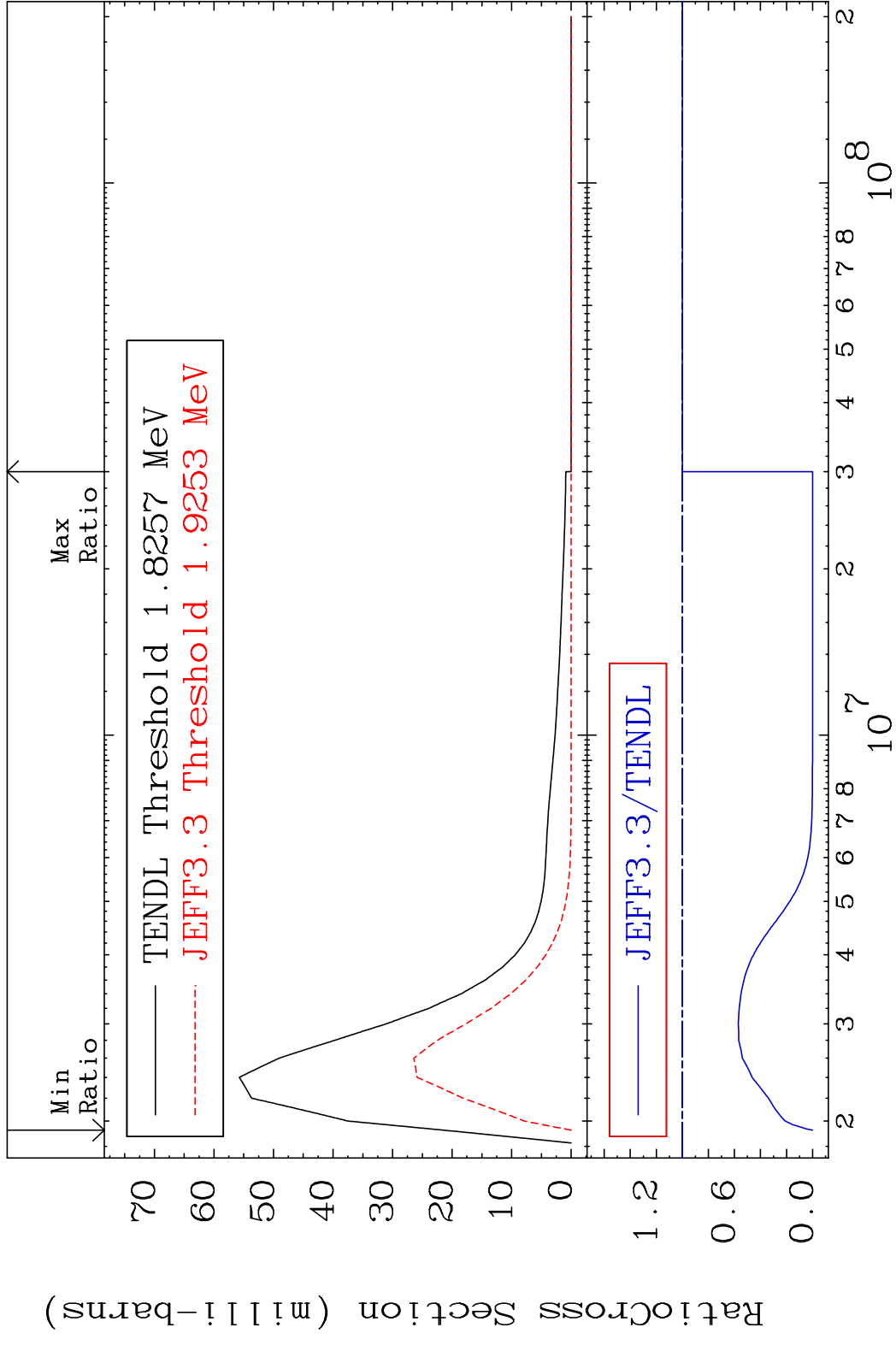
MAT 7449 MT= 71 (n, n') Level 74-W -188
 Cross Section -100.0 To 9413. %



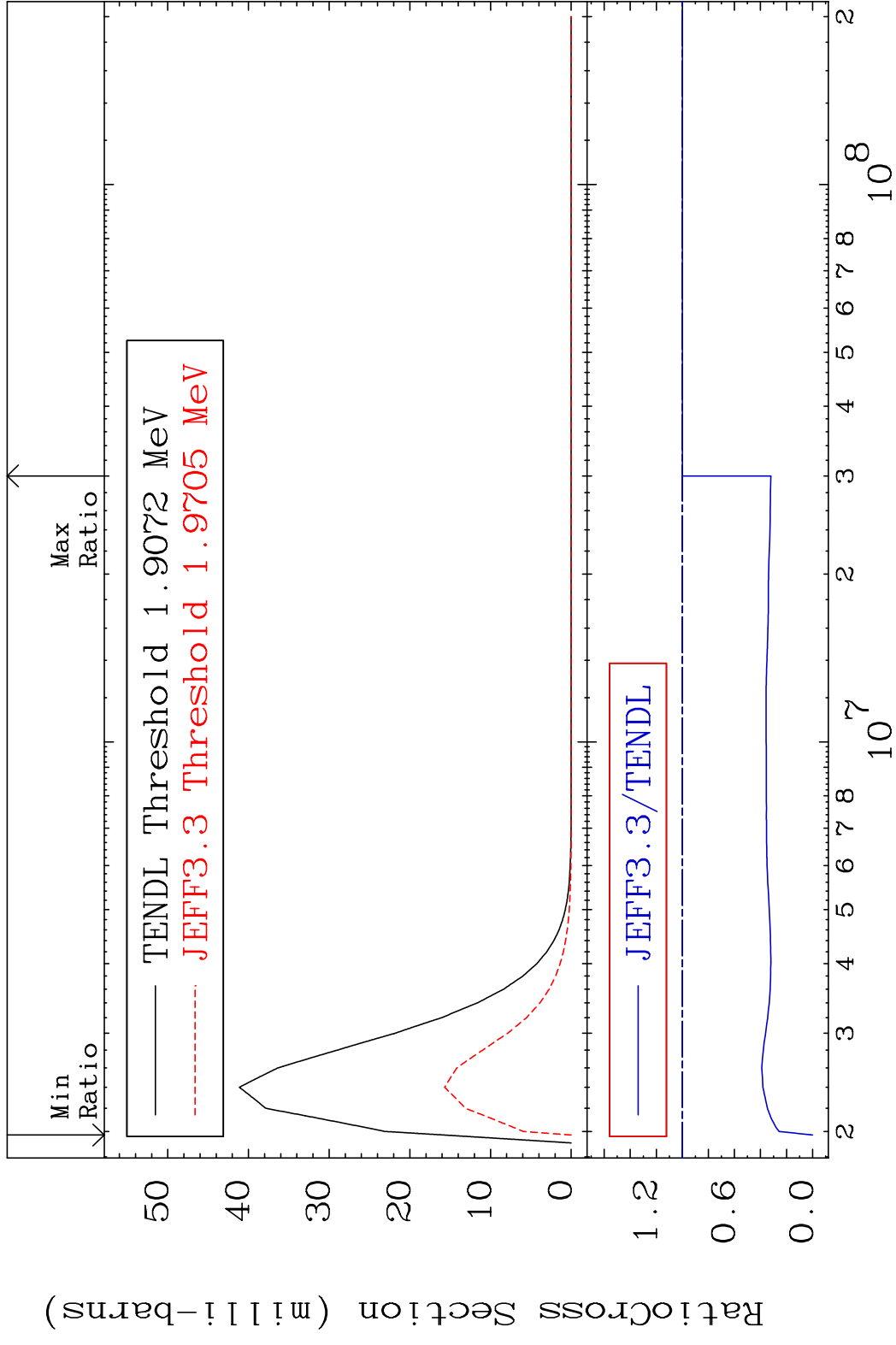
MAT 7449 MT= 72 (n, n') Level 74-W -188
 Cross Section -100.0 To 9885. %



MAT 7449 MT= 73 (n, n') Level 74-W -188
 Cross Section -100.0 To 0.000 %

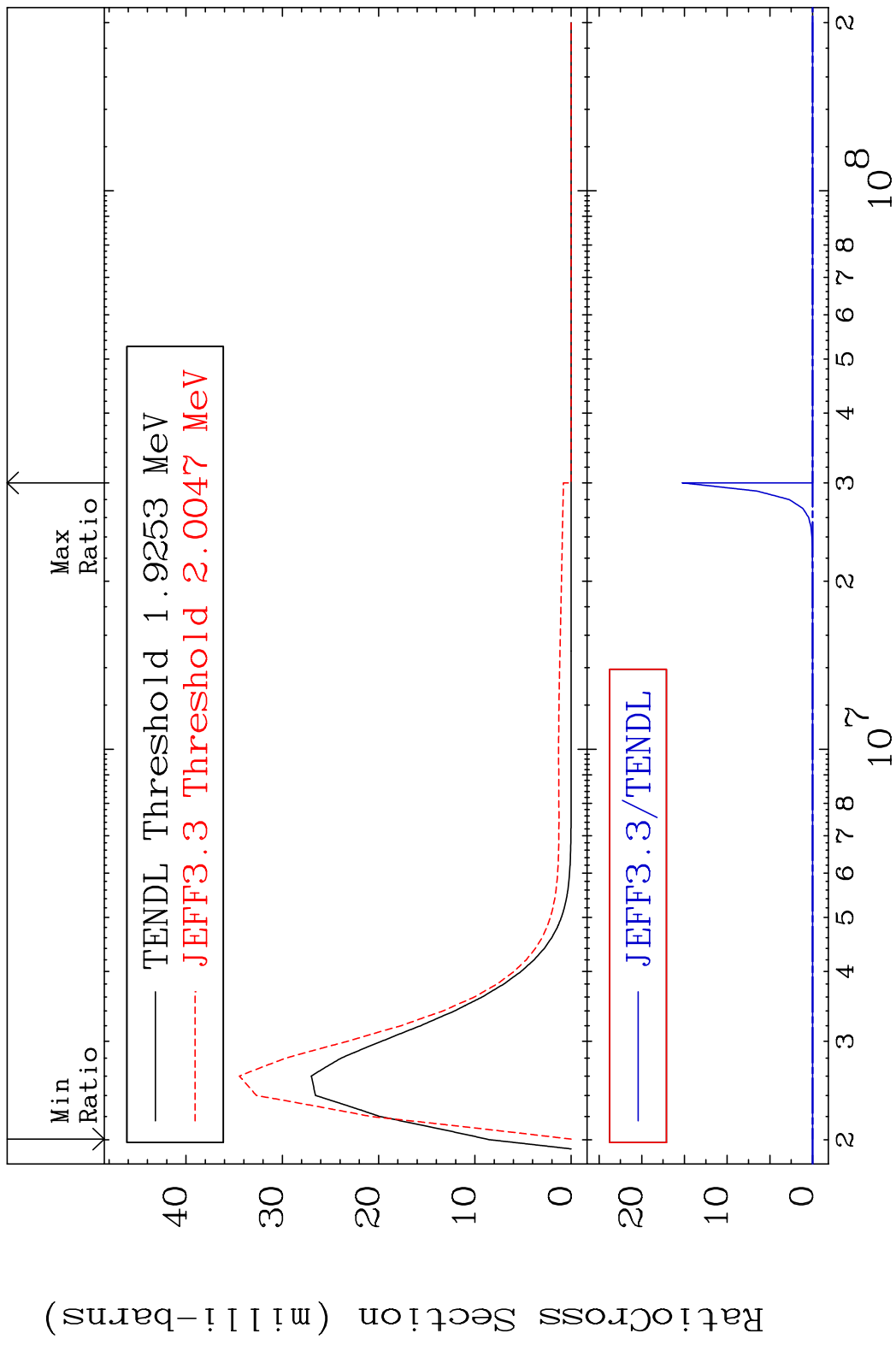


MAT 7449 MT= 74 (n, n') Level 74-W -188
 Cross Section -100.0 To 0.000 %

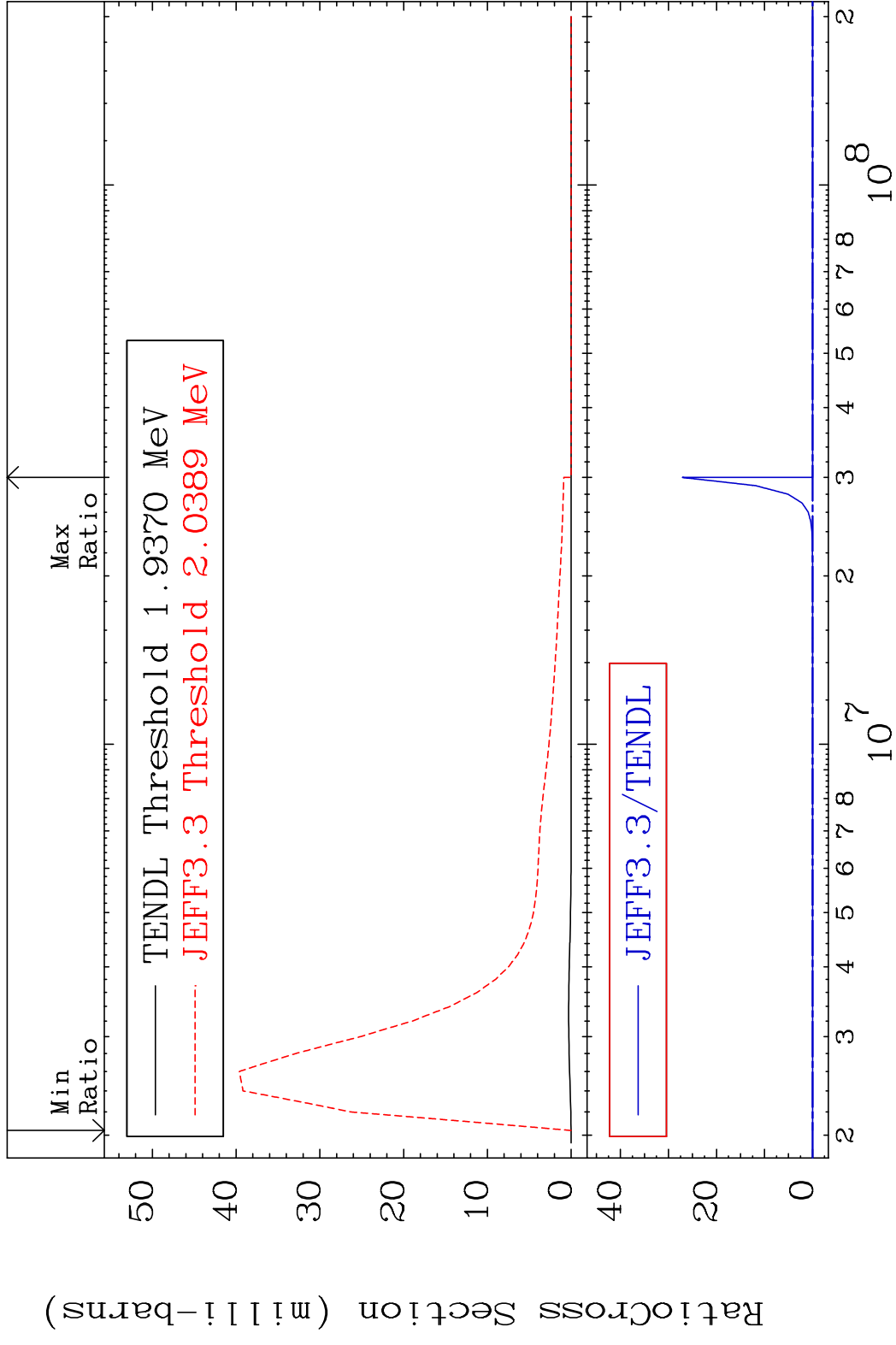


40 Incident Energy (eV) 74-W -188

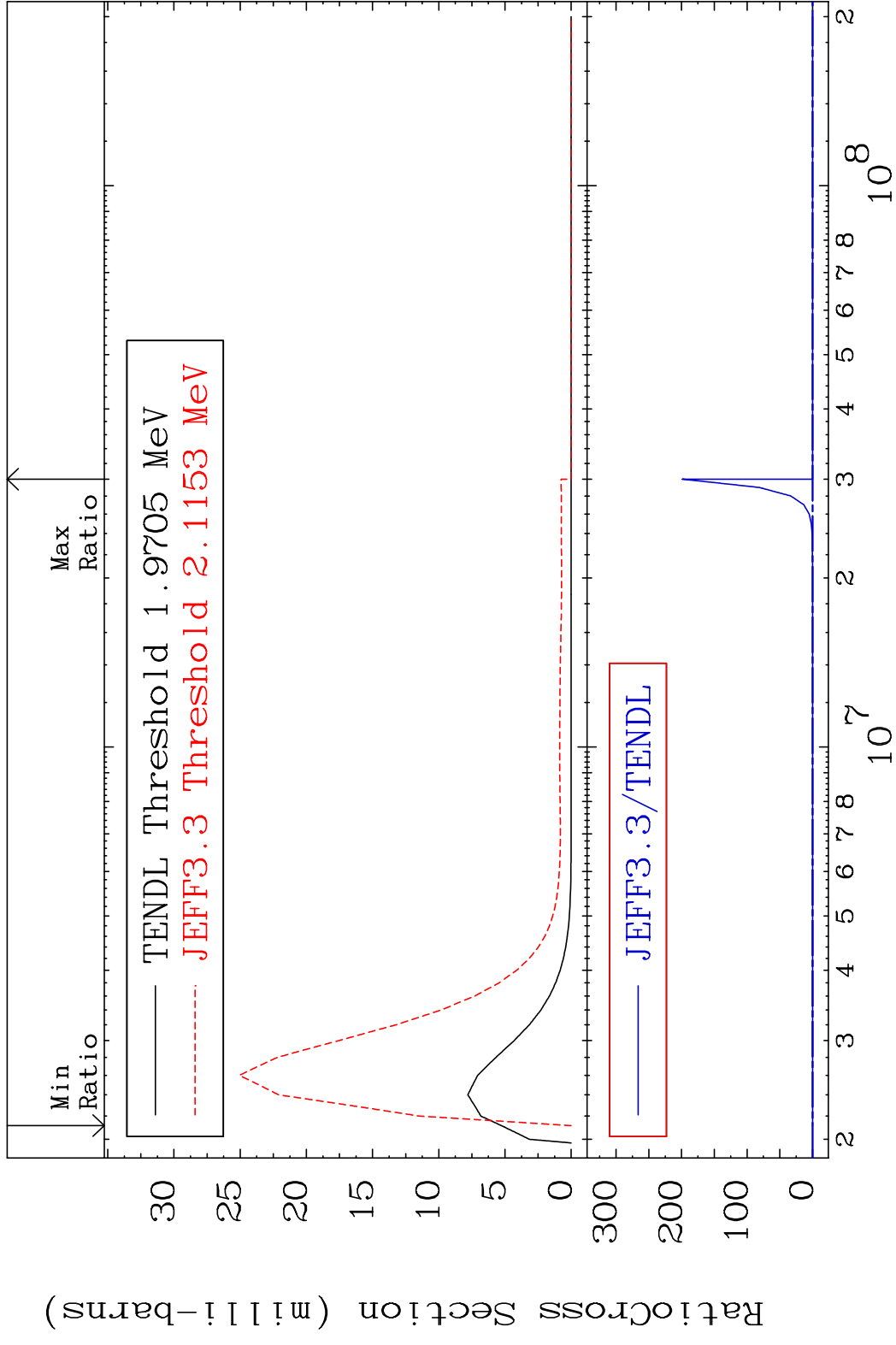
MAT 7449 MT= 75 (n, n') Level 74-W -188
 Cross Section -100.0 To 9999. %



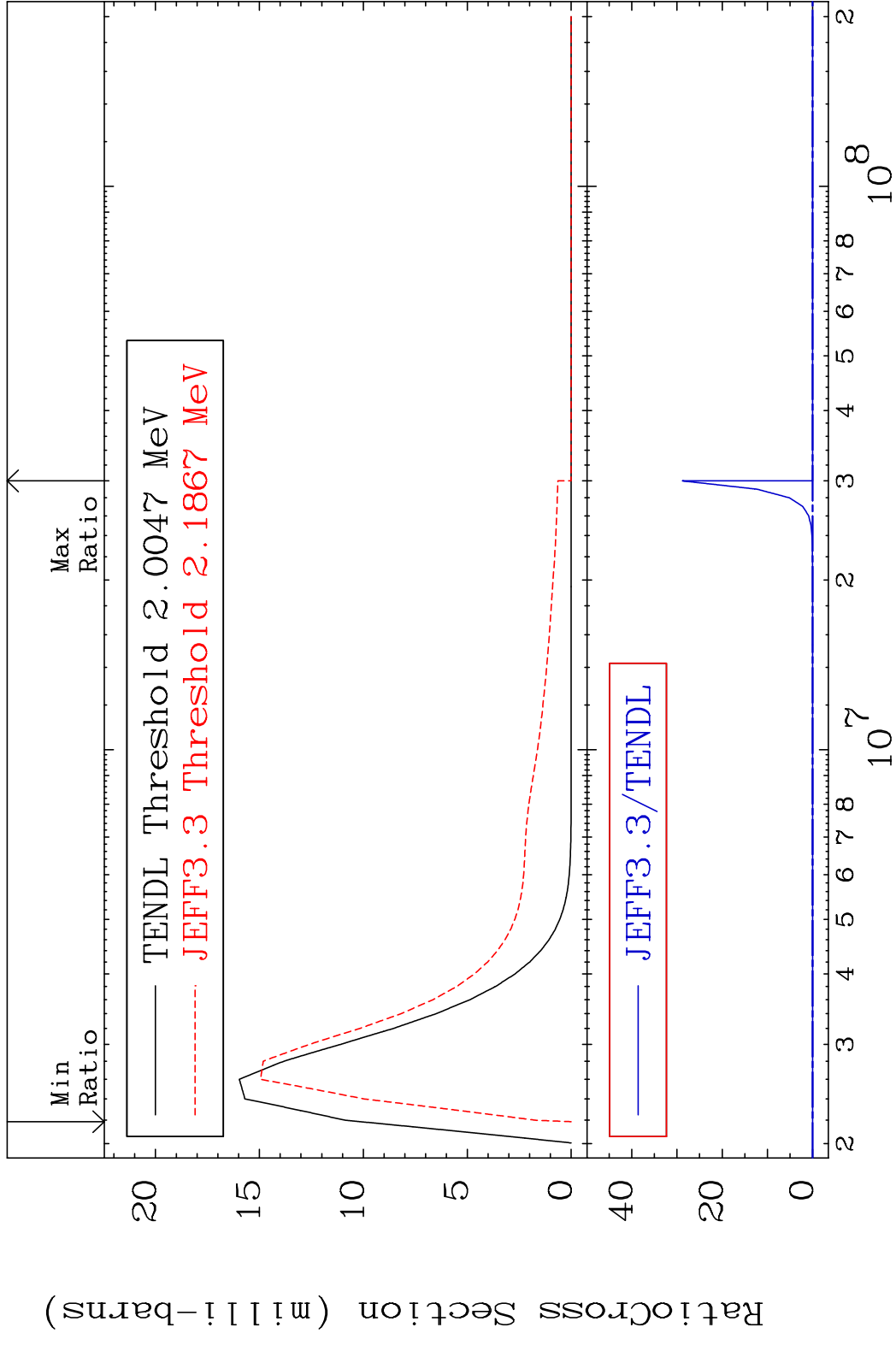
MAT 7449 MT= 76 (n, n') Level 74-W -188
 Cross Section -100.0 To 9999. %



MAT 7449 MT= 77 (n, n') Level 74-W -188
 Cross Section -100.0 To 9999. %



MAT 7449 MT= 78 (n, n') Level 74-W -188
 Cross Section -100.0 To 9999. %

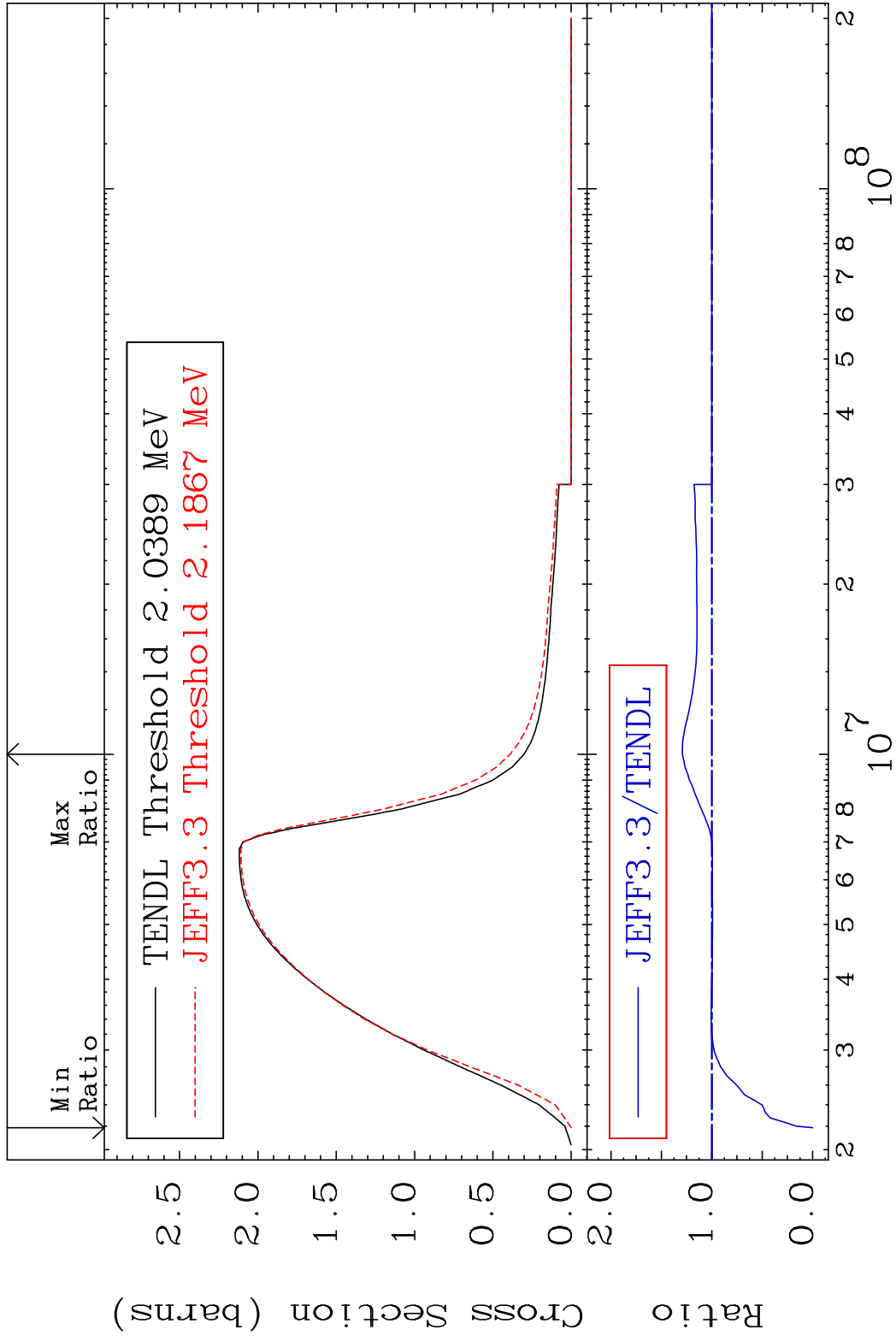


MAT 7449

(n,n') Continuum

74-W -188

Cross Section -100.0 To 29.16 %



45

Incident Energy (eV)

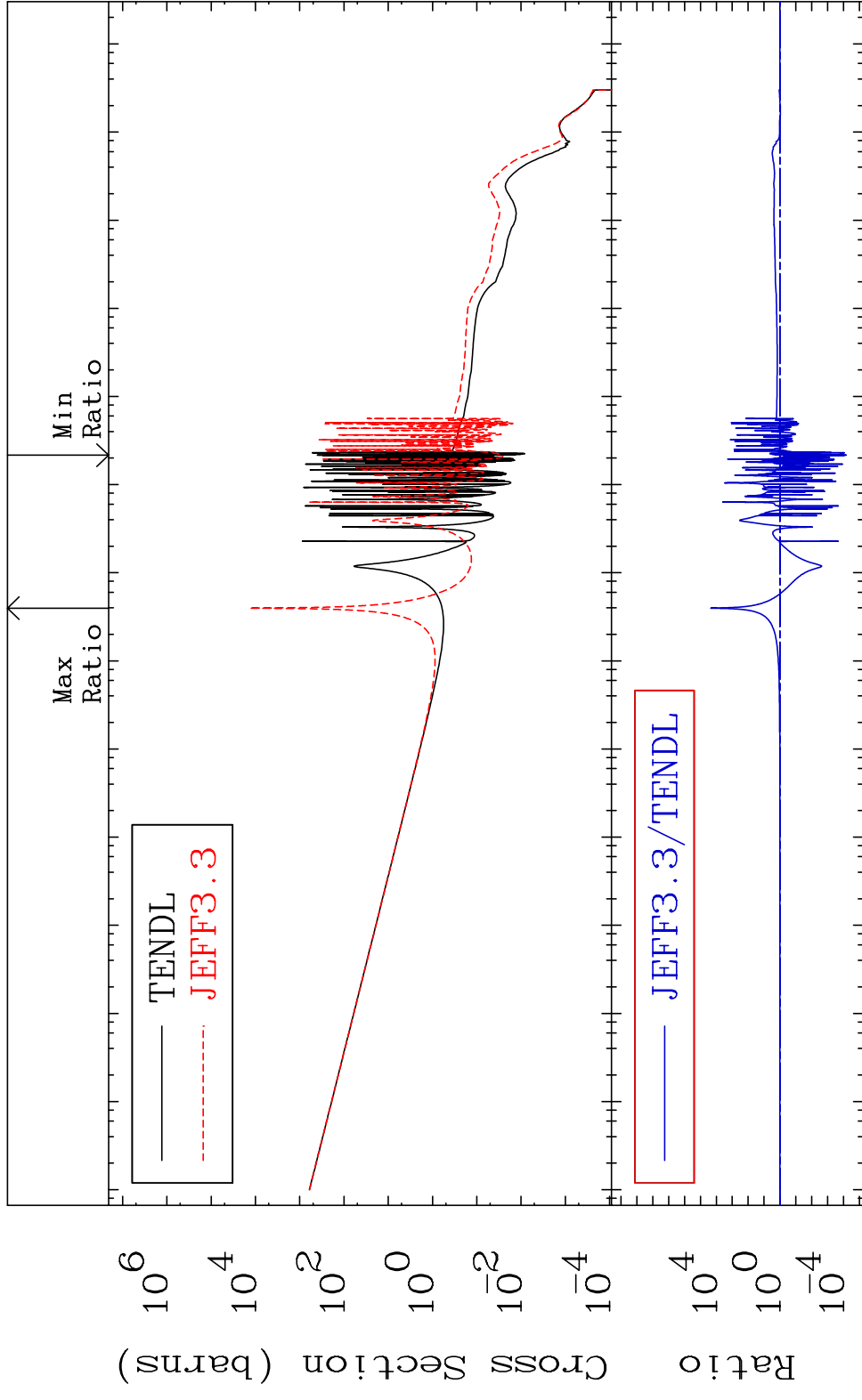
74-W -188

MAT 7449

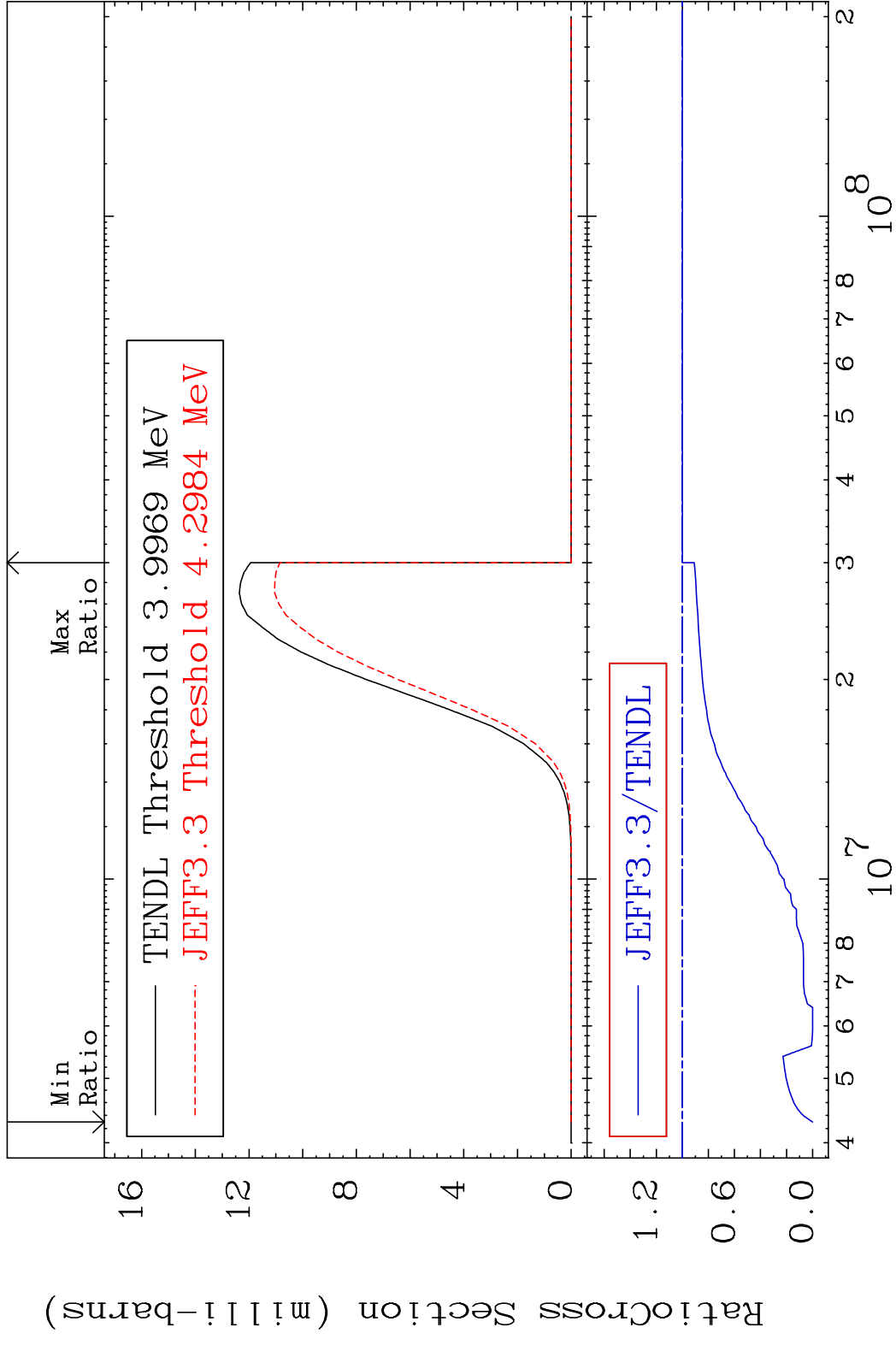
74-W -188

(n, γ)

Cross Section -99.99 To 9999. %



MAT 7449 (n,p) 74-W -188
 Cross Section -100.0 To 0.000 %

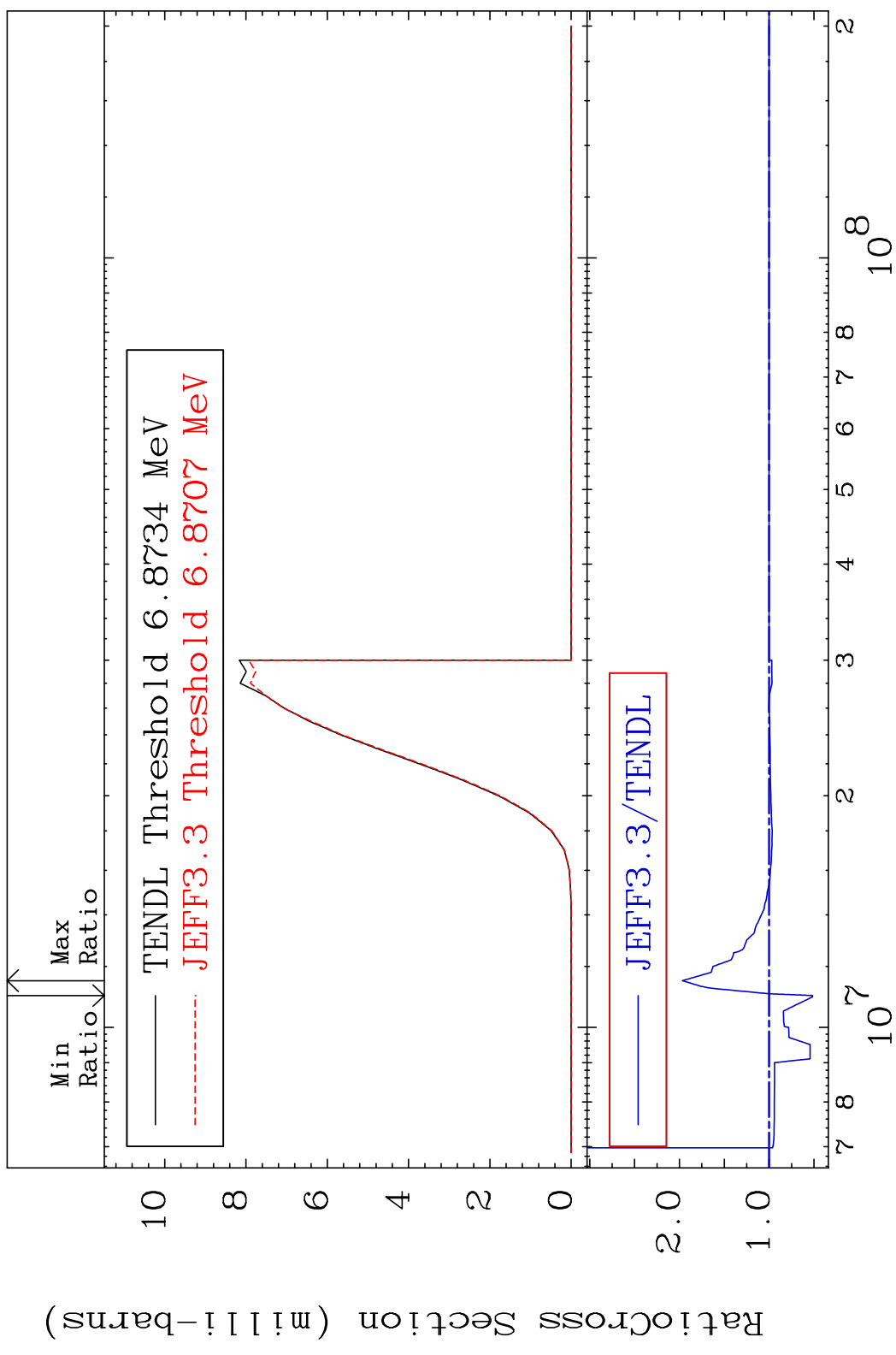


MAT 7449

(n, d)

74-W -188

Cross Section -48.44 To 96.73 %



48

Incident Energy (eV)

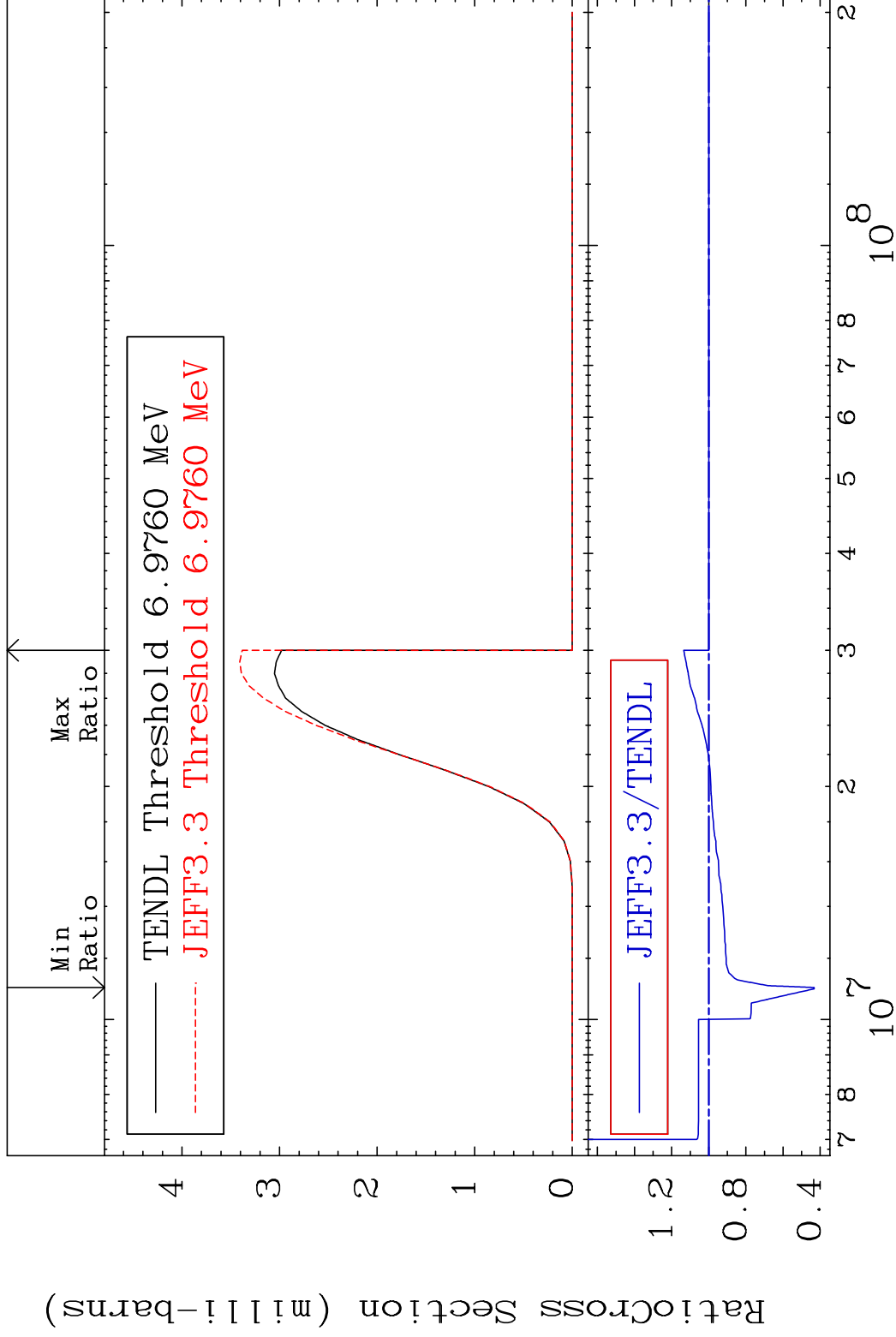
74-W -188

MAT 7449

(n, t)

74-W -188

Cross Section -56.72 To 13.55 %



49

Incident Energy (eV)

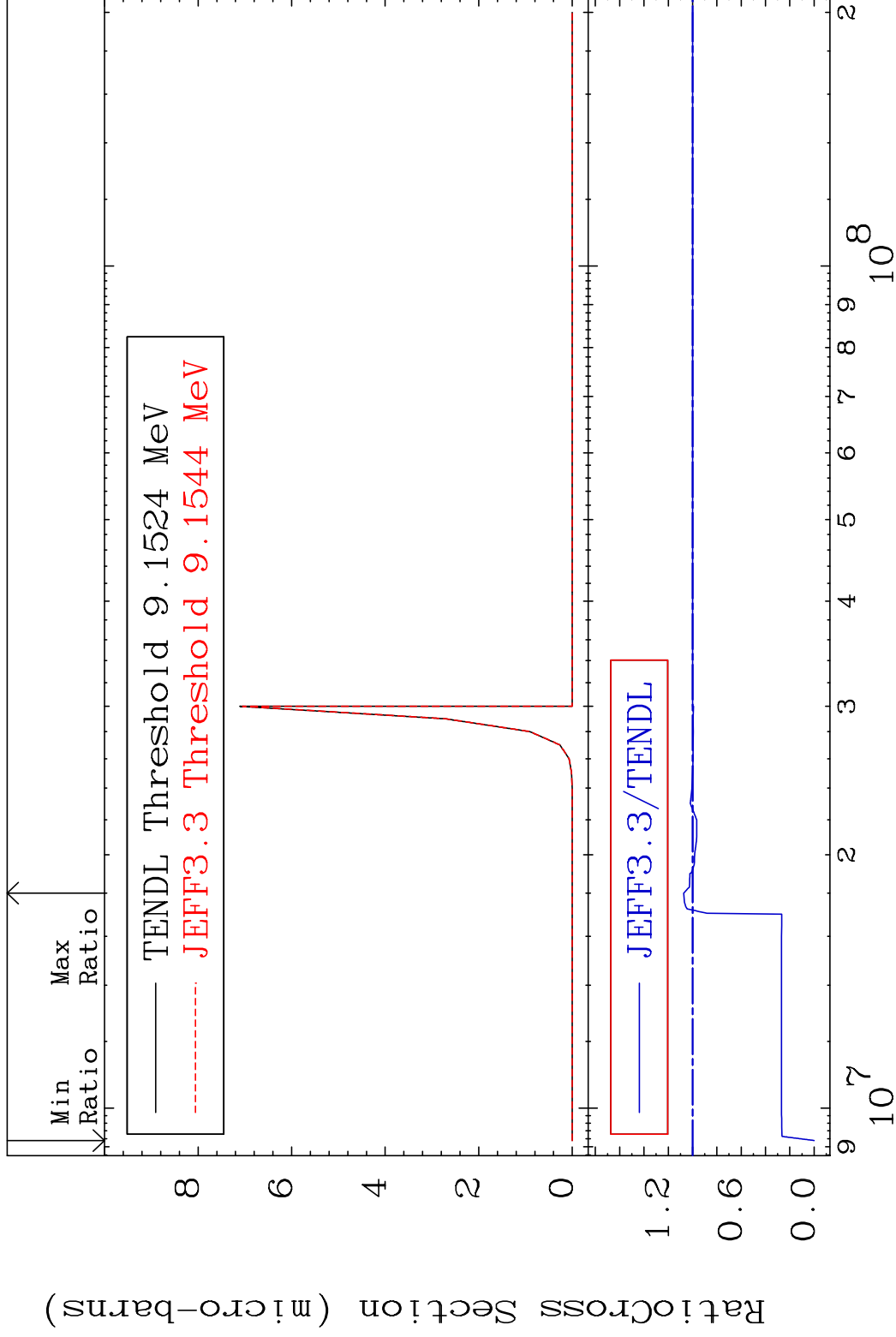
74-W -188

MAT 7449

(n, He-3)

74-W -188

Cross Section -100.0 To 7.339 %



50

Incident Energy (eV)

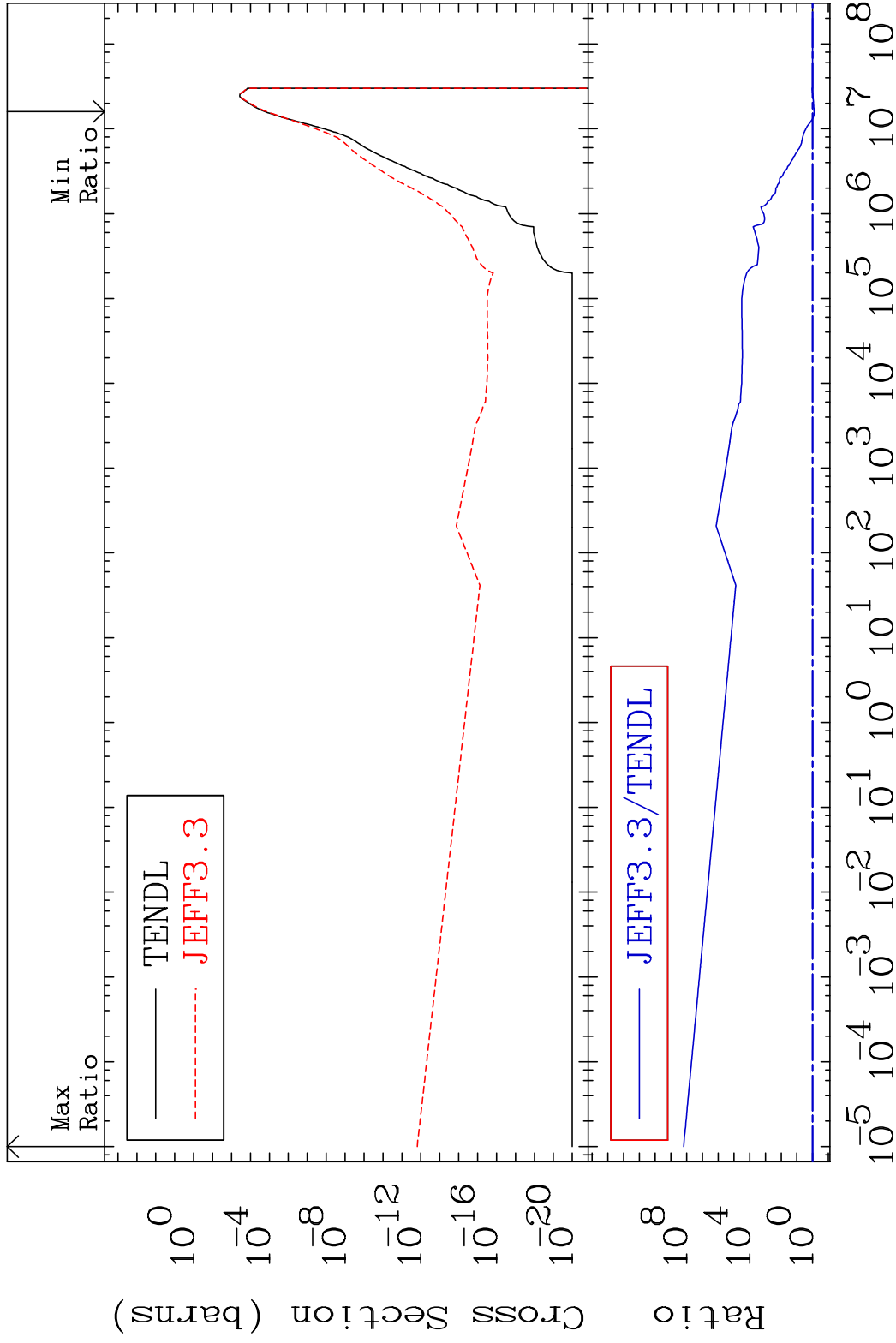
74-W -188

MAT 7449

(n, α)

74-W -188

Cross Section -19.12 To 9999. %



51

Incident Energy (eV)

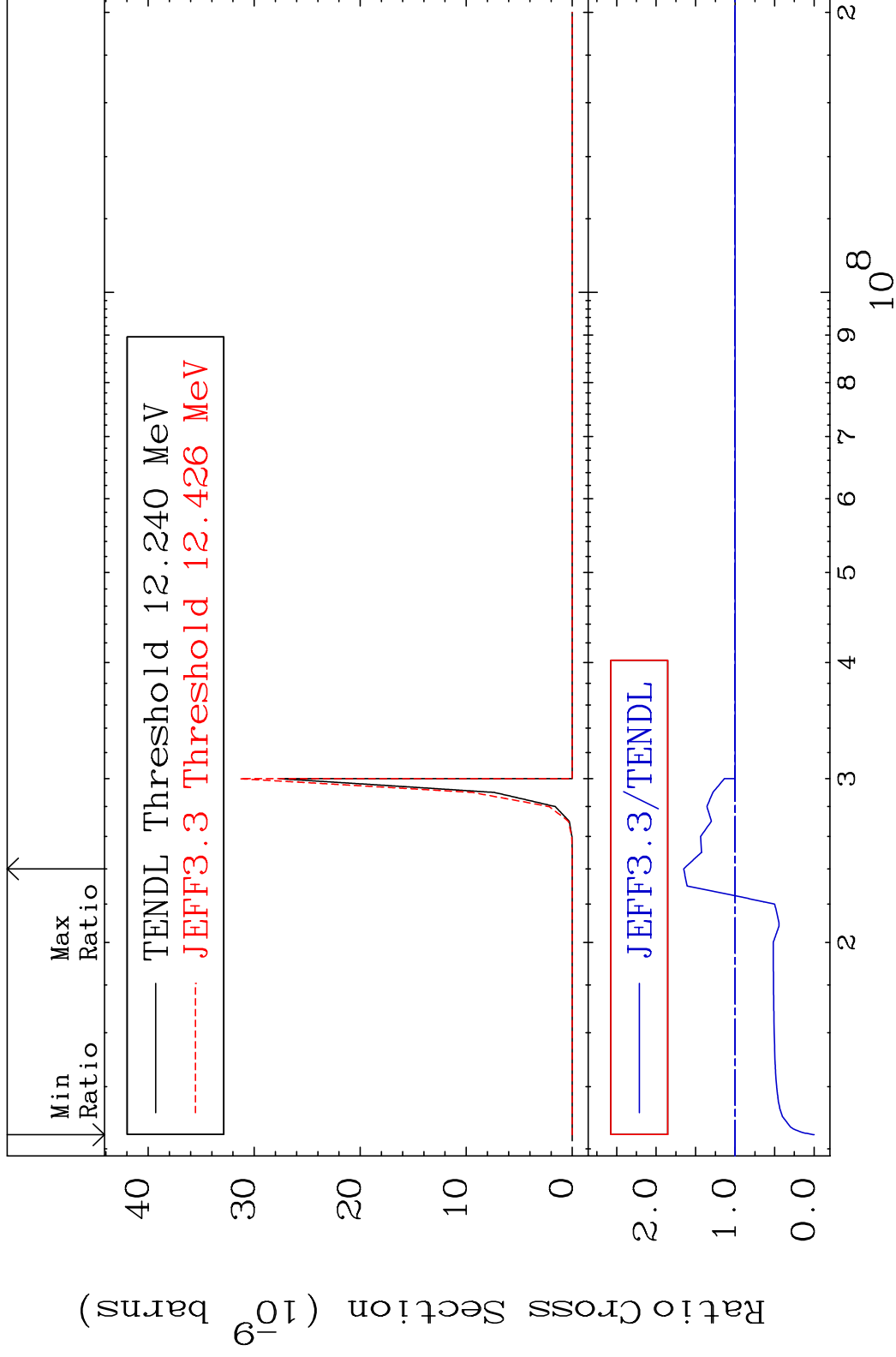
74-W -188

MAT 7449

(n,2p)

74-W -188

Cross Section -100.0 To 65.15 %



52

Incident Energy (eV)

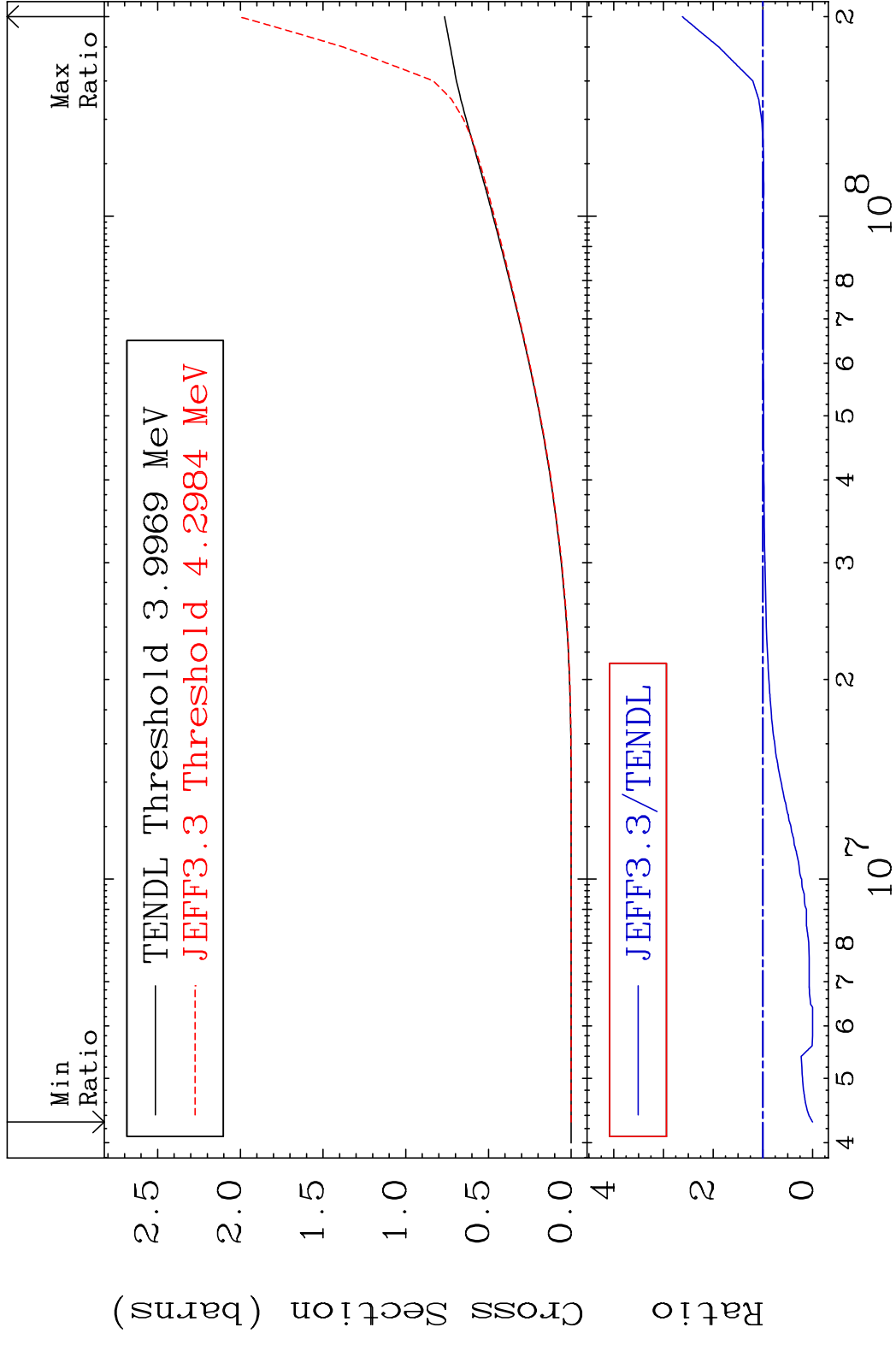
74-W -188

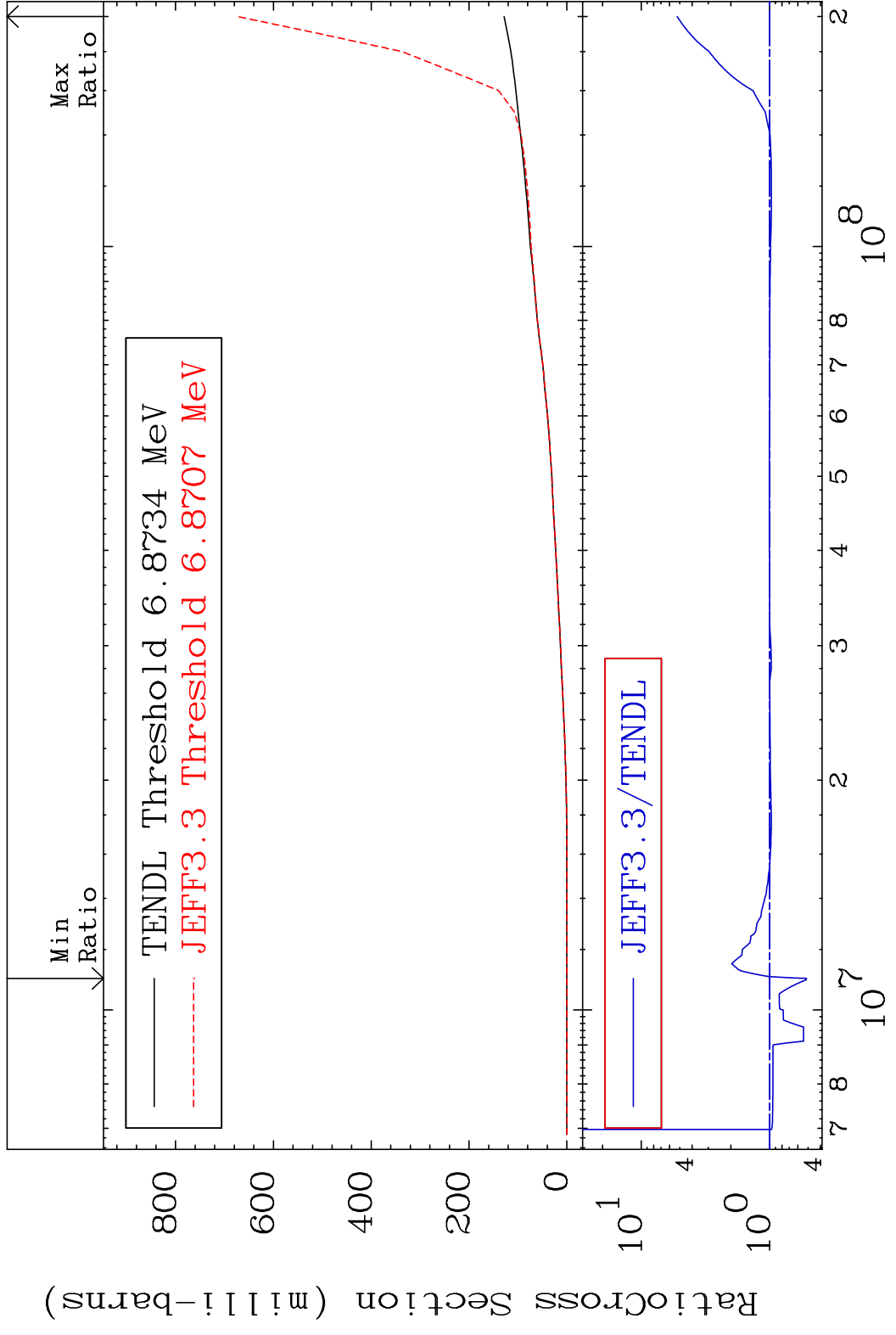
MAT 7449

Hydrogen Production

74-W -188

Cross Section -100.0 To 161.9 %





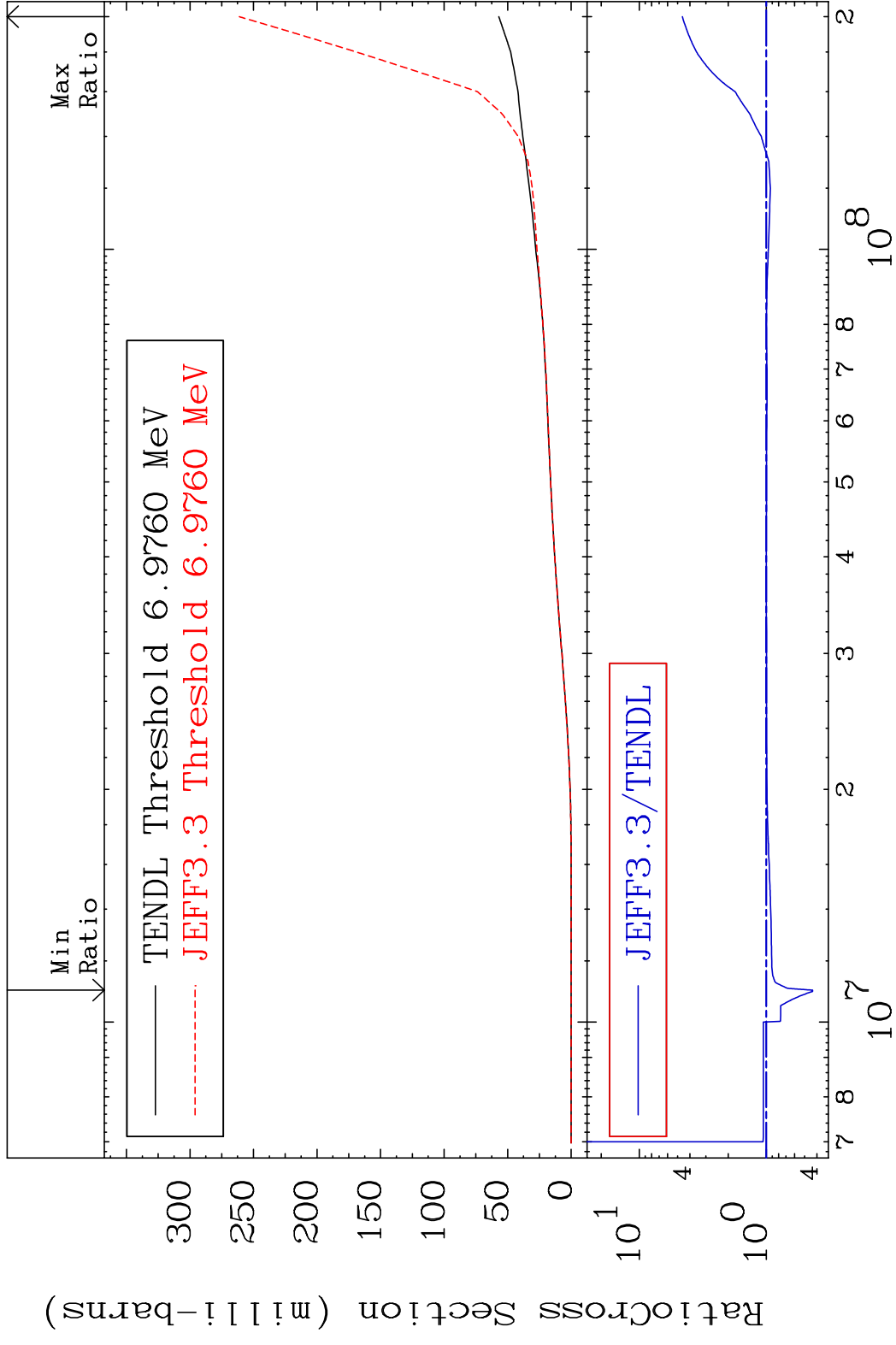
MAT 7449

Tritium Production

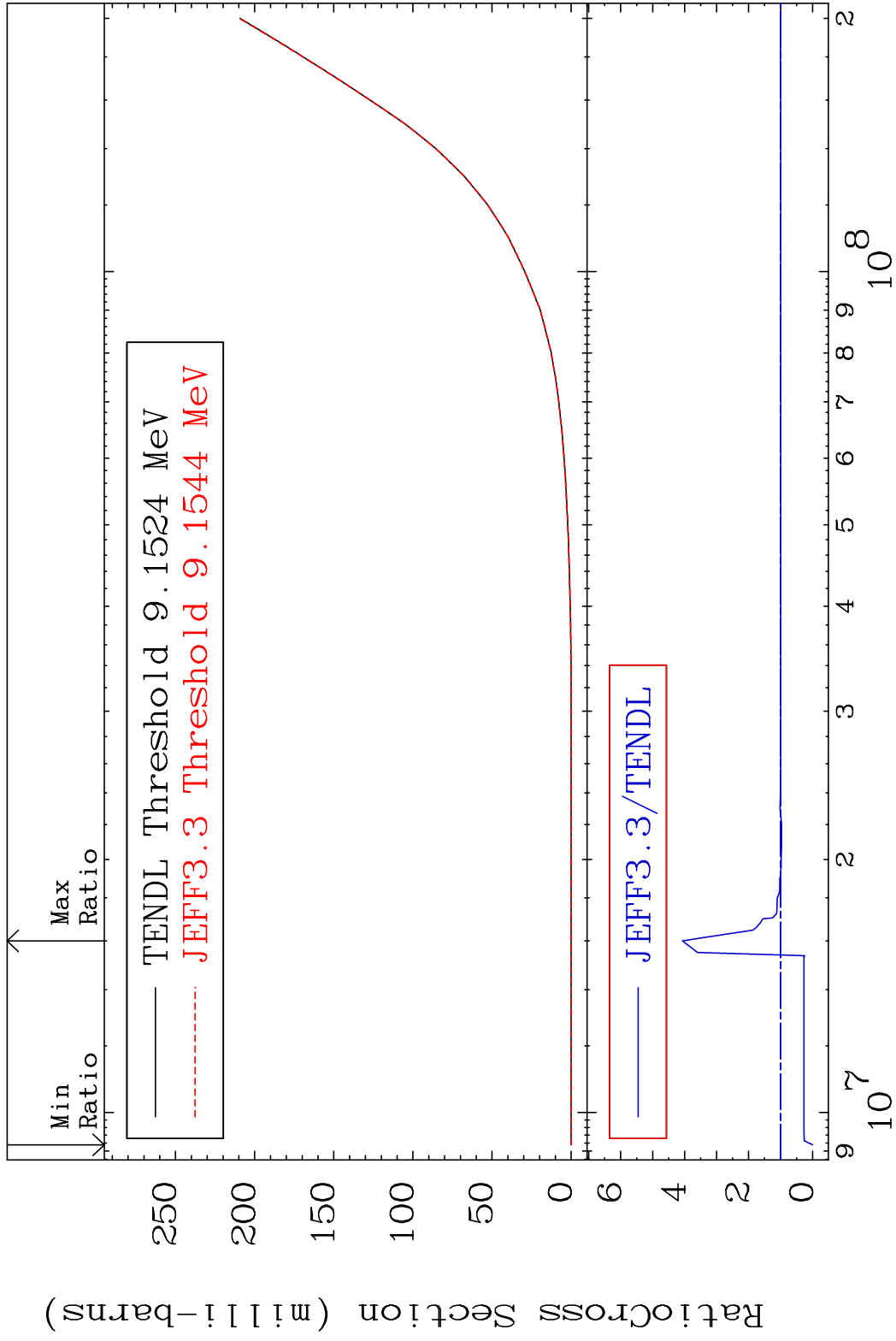
74-W -188

Cross Section

-56.72 To 358.7 %



Cross Section -100.0 To 307.2 %

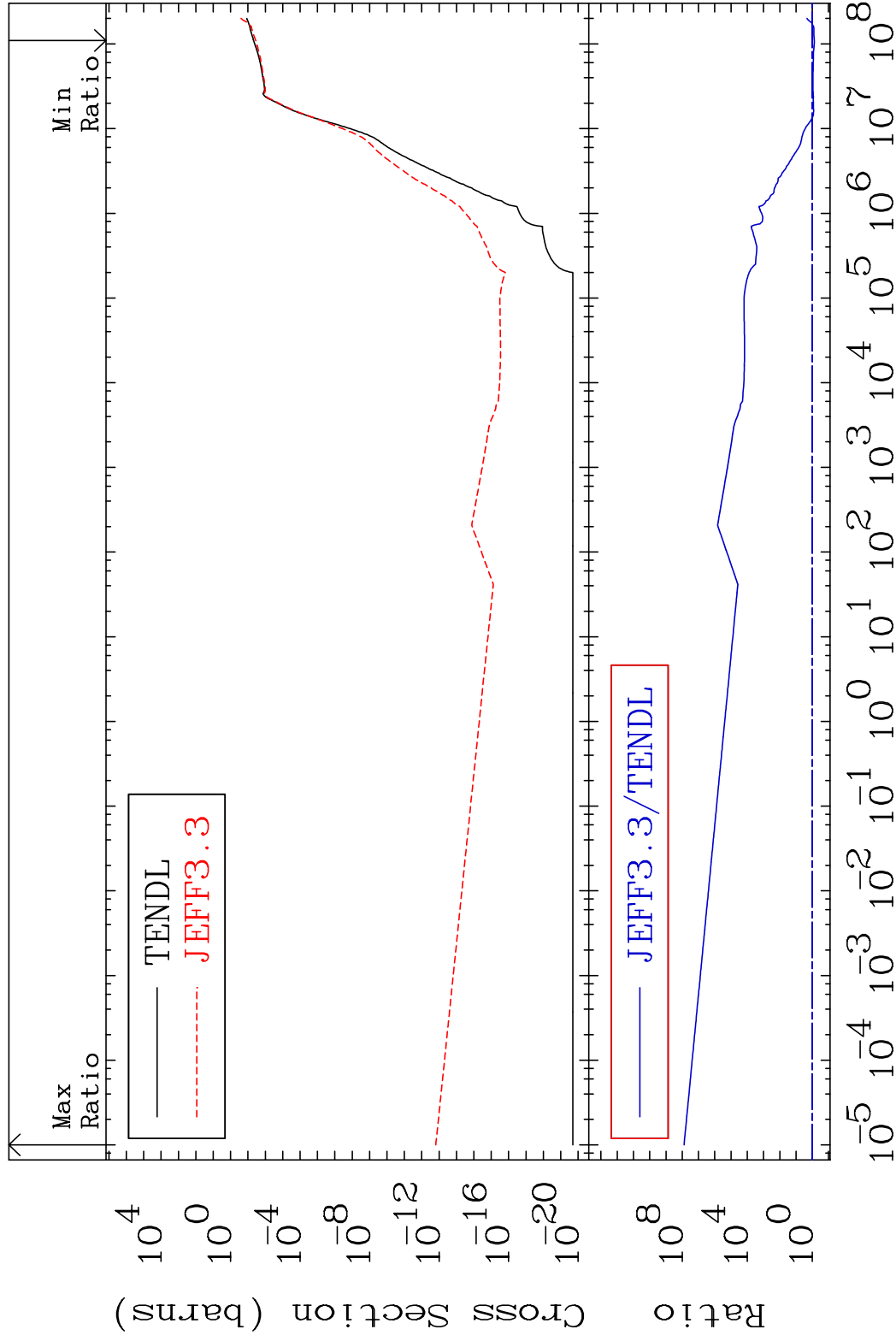


MAT 7449

He-4 Production

74-W -188

Cross Section -24.44 To 9999. %

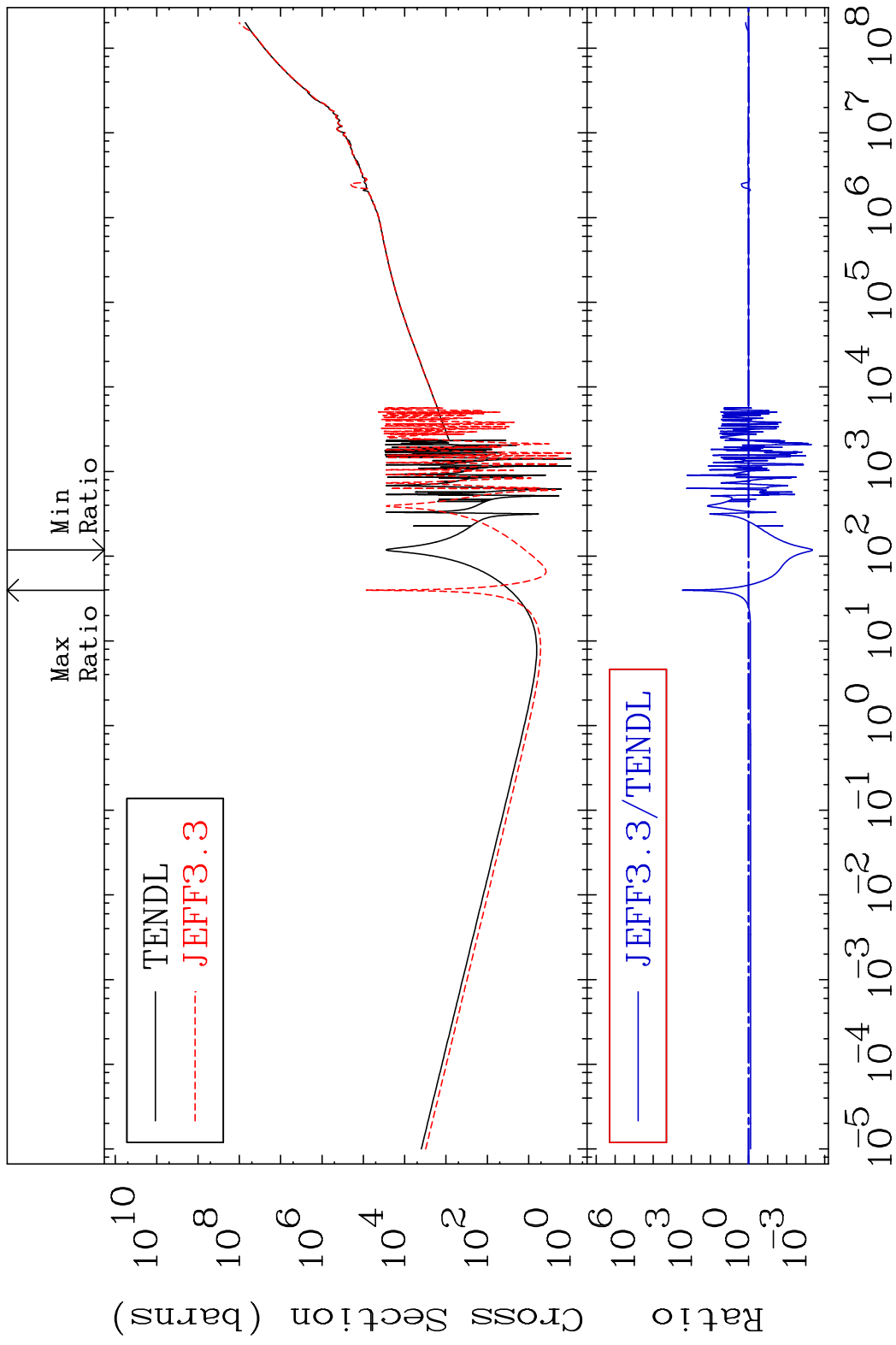


57

Incident Energy (eV)

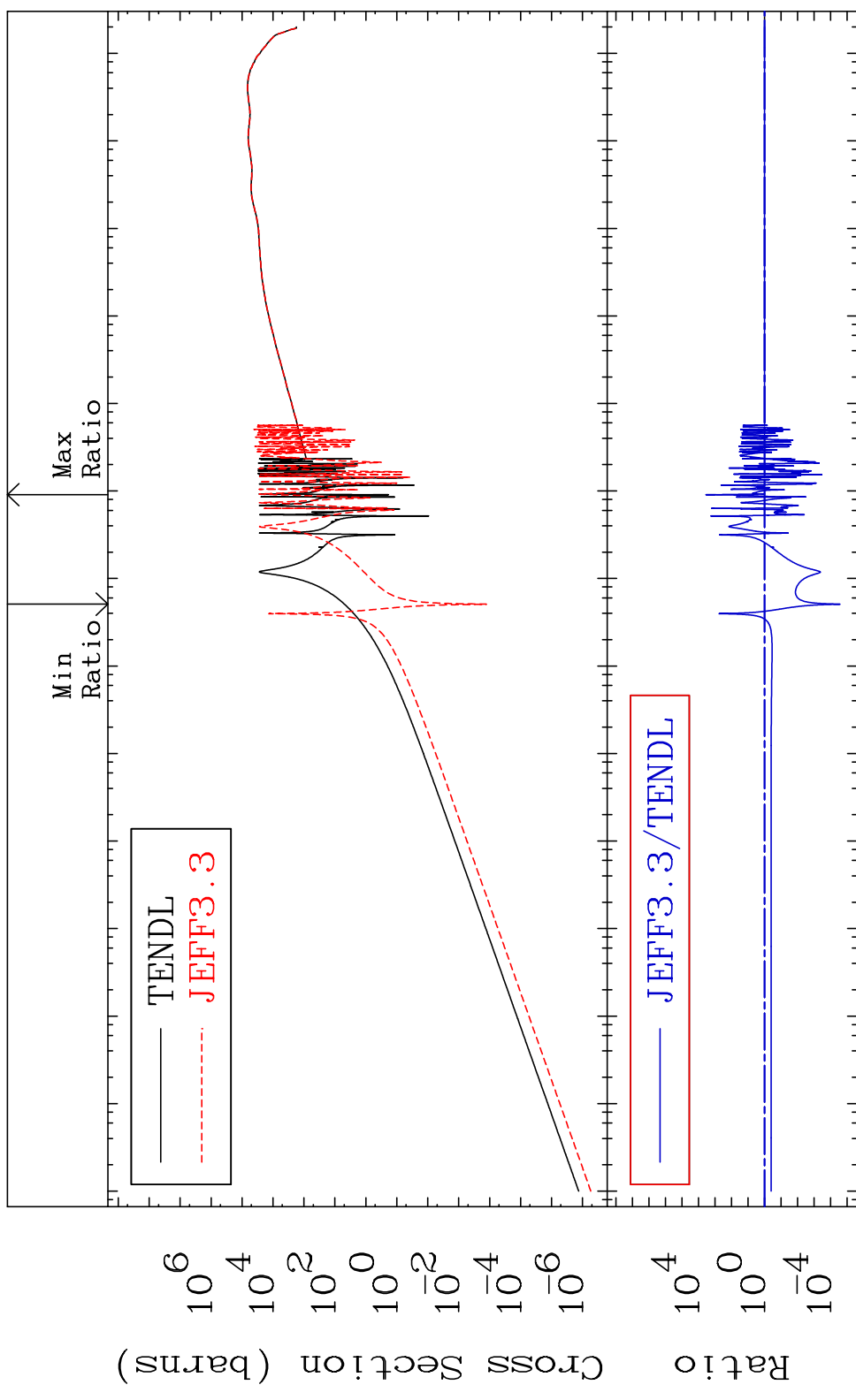
74-W -188

MAT 7449 Kerma total (eV-barns) 74-W -188
 Cross Section -99.96 To 9999. %



MAT 7449

Kerma elastic Cross Section -100.0 To 9999. %
74-W -188

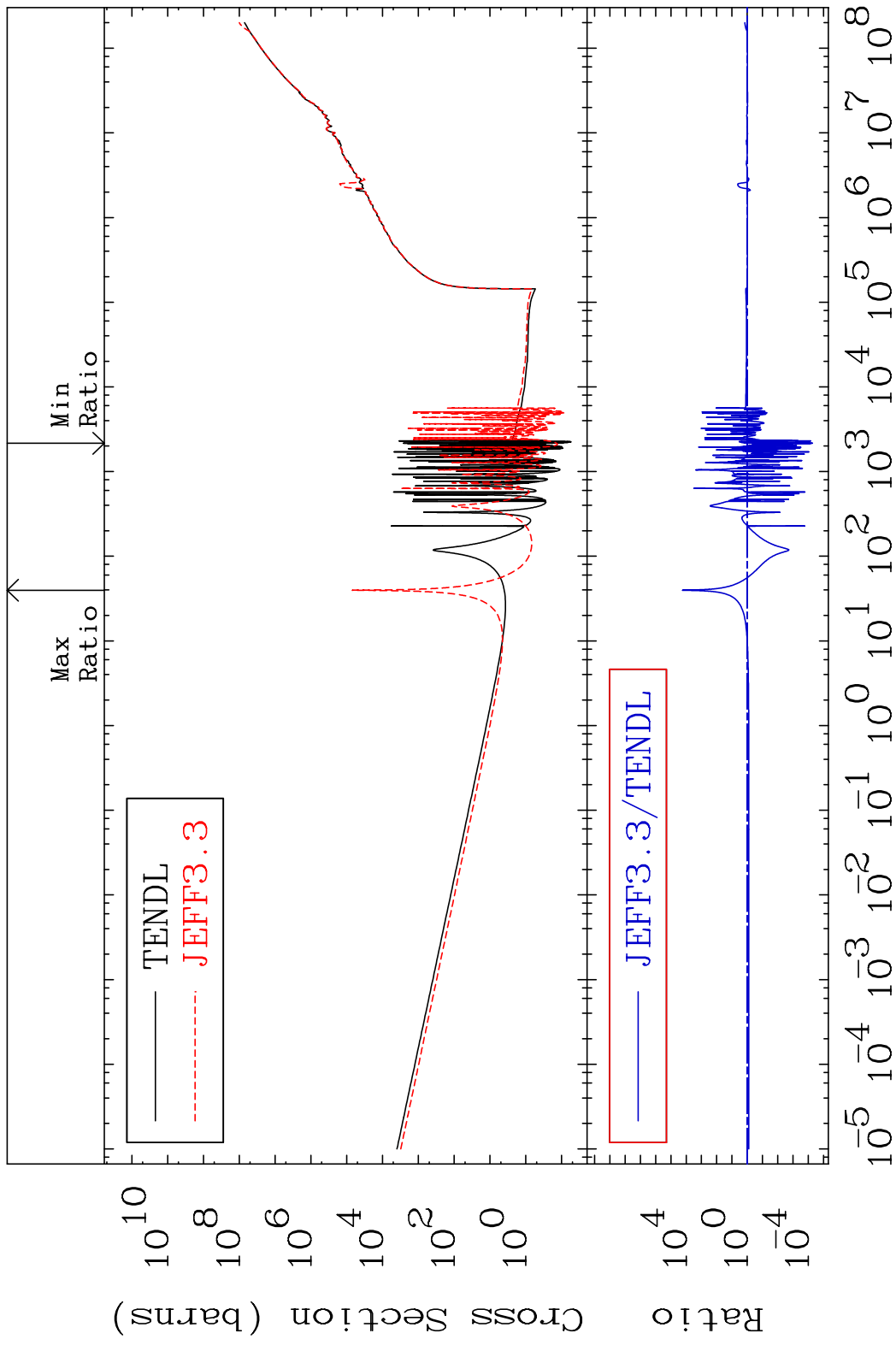


59

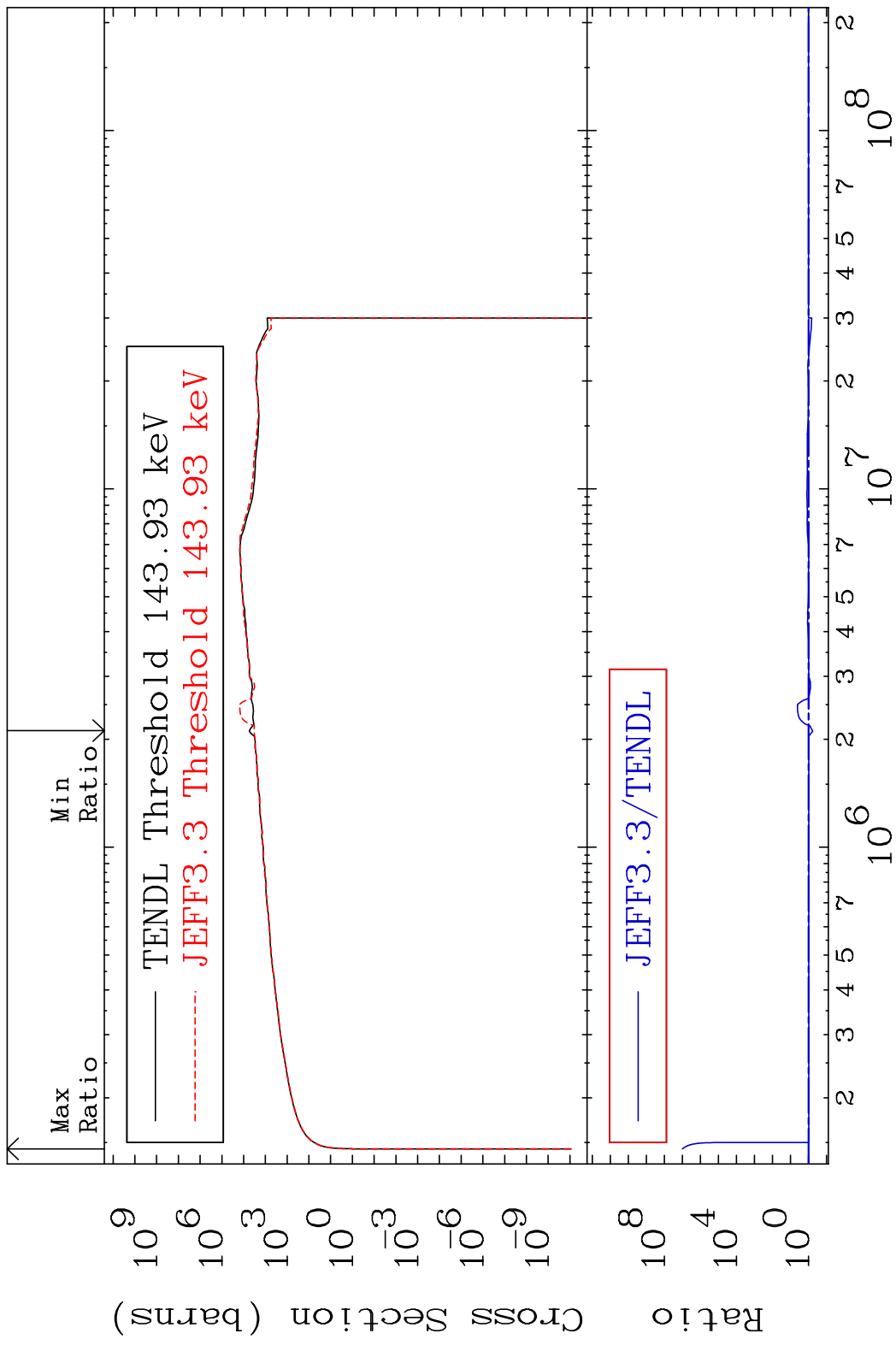
Incident Energy (eV)

74-W -188

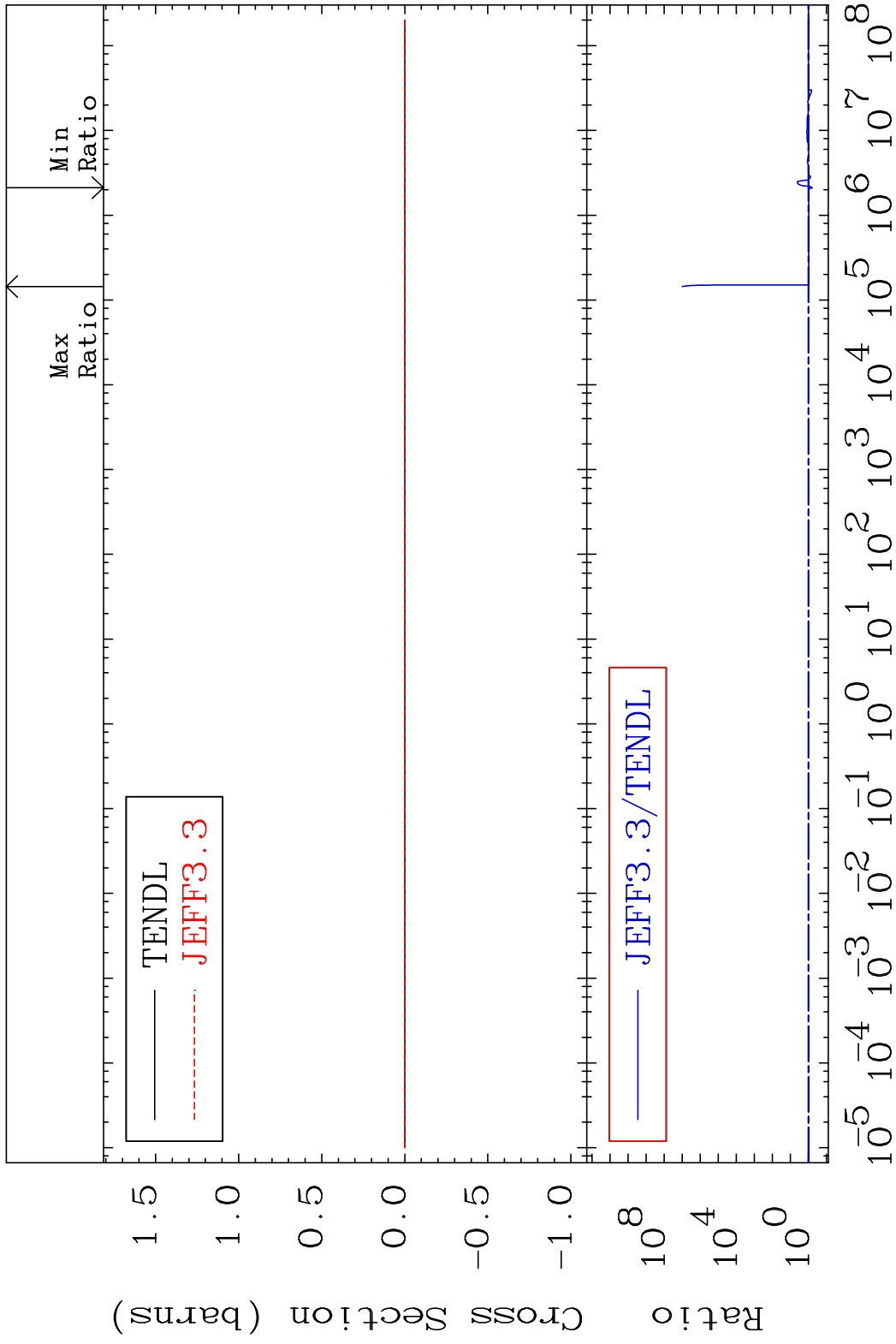
MAT 7449 Kerma non-elastic (all but mt2) 74-W -188
 Cross Section -99.99 To 9999. %



MAT 7449 Kerma inelastic (mt51-91) 74-W -188
 Cross Section -39.63 To 9999. %

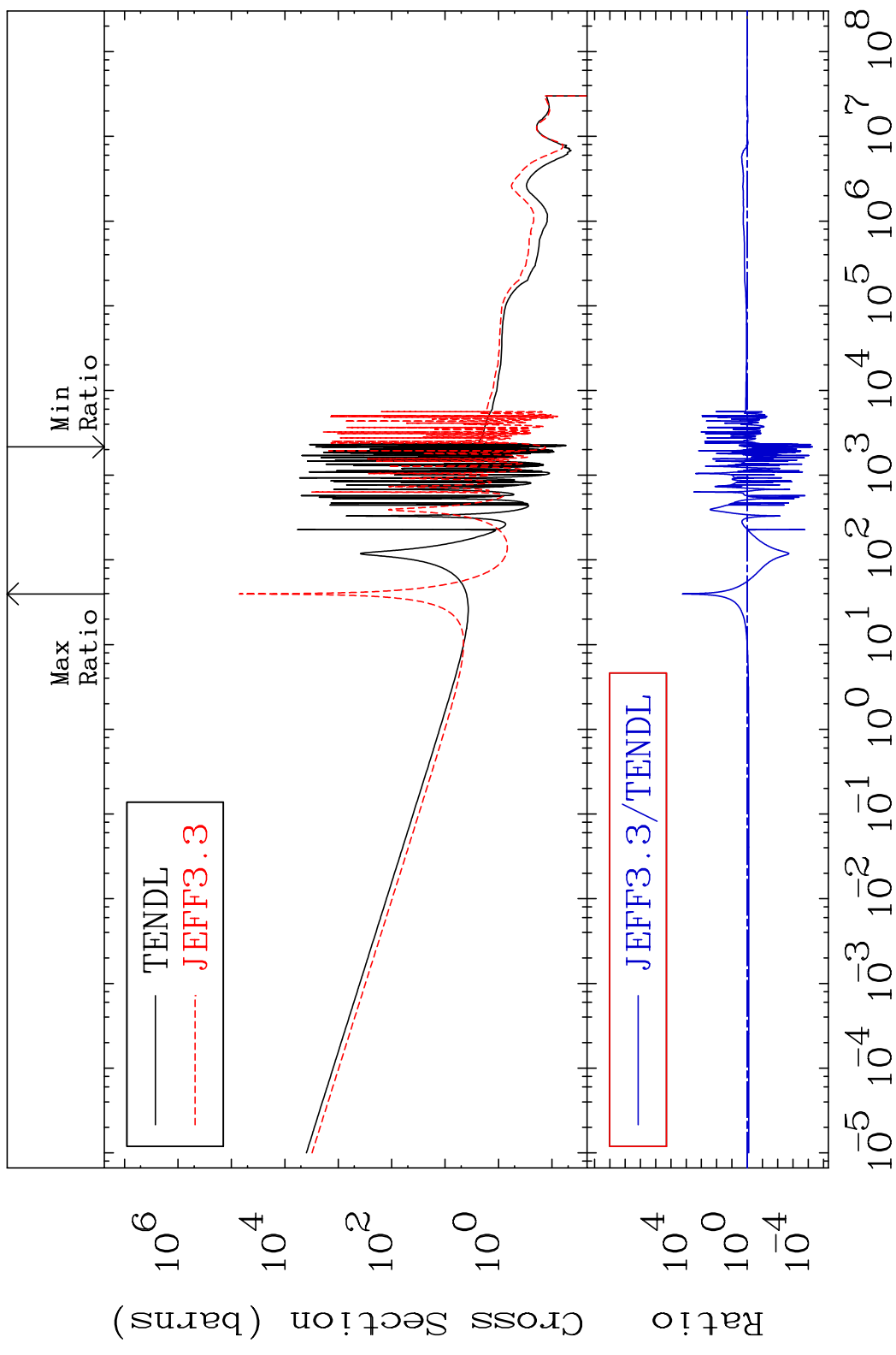


MAT 7449 Kerma fission (mt18 or mt19-20-21-38) 74-W -188
 Cross Section -39.63 To 9999. %



MAT 7449

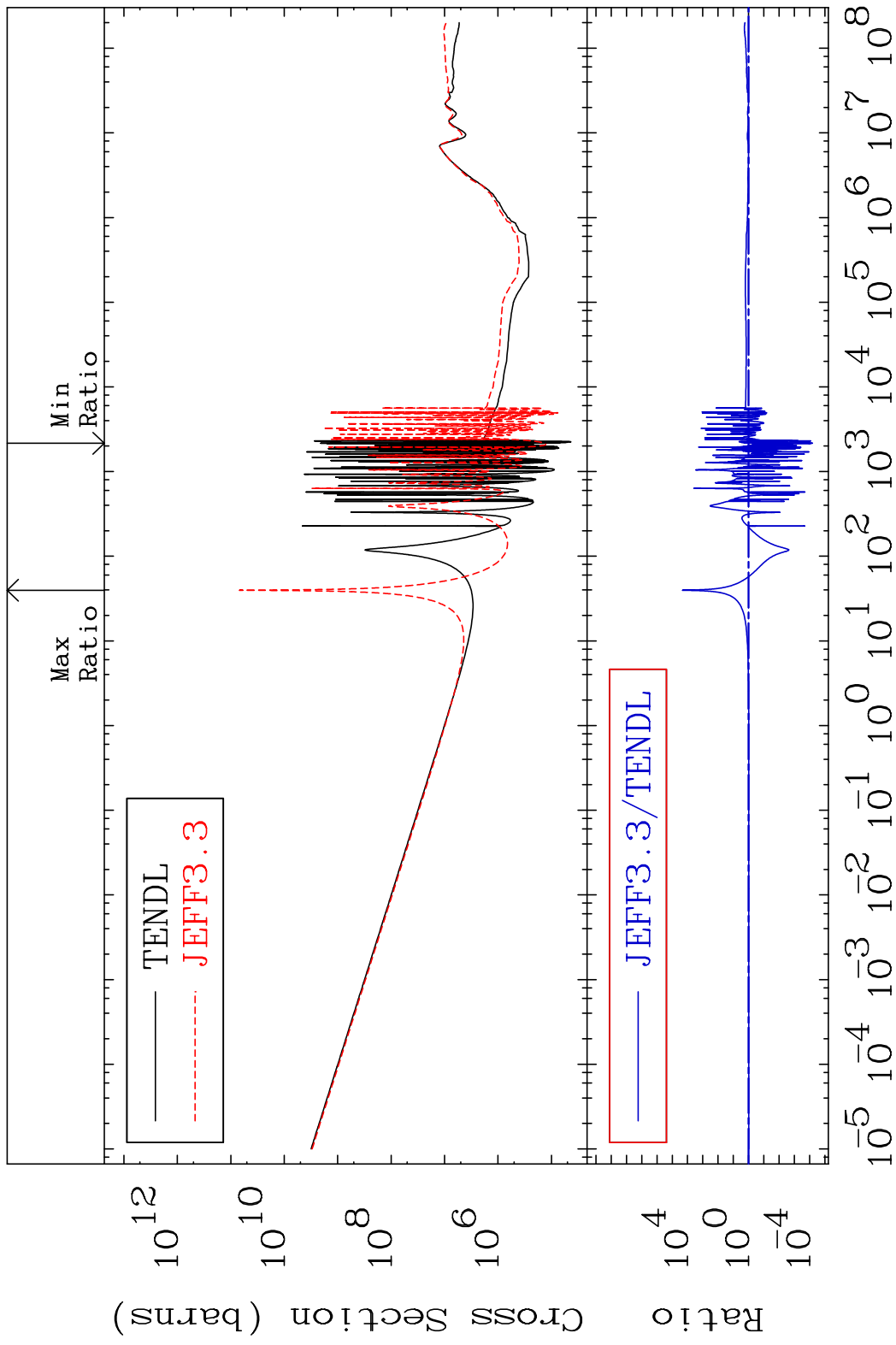
Kerma capture (mt102) 74-W -188
Cross Section -99.99 To 9999. %



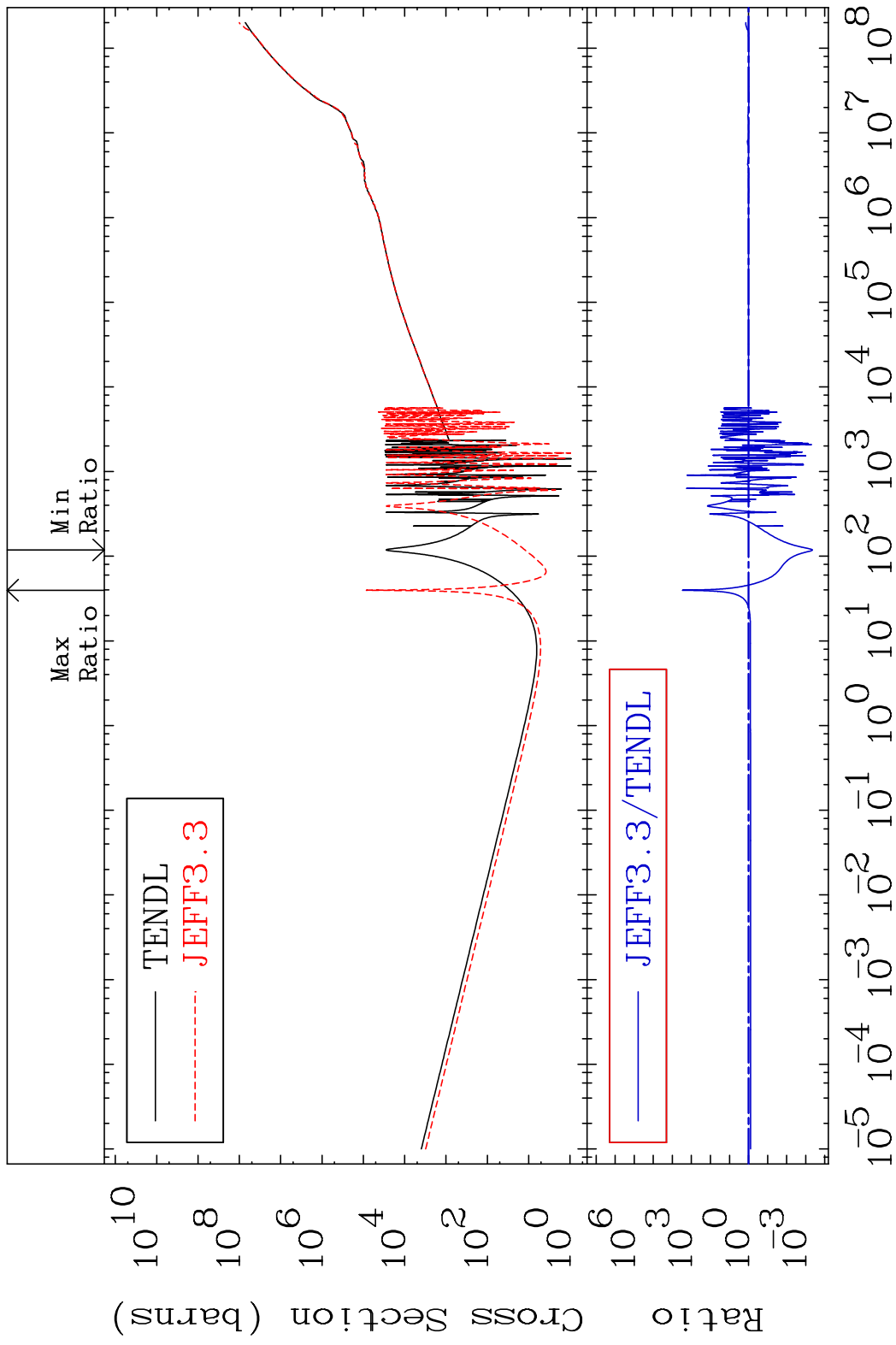
63

Incident Energy (eV) 74-W -188

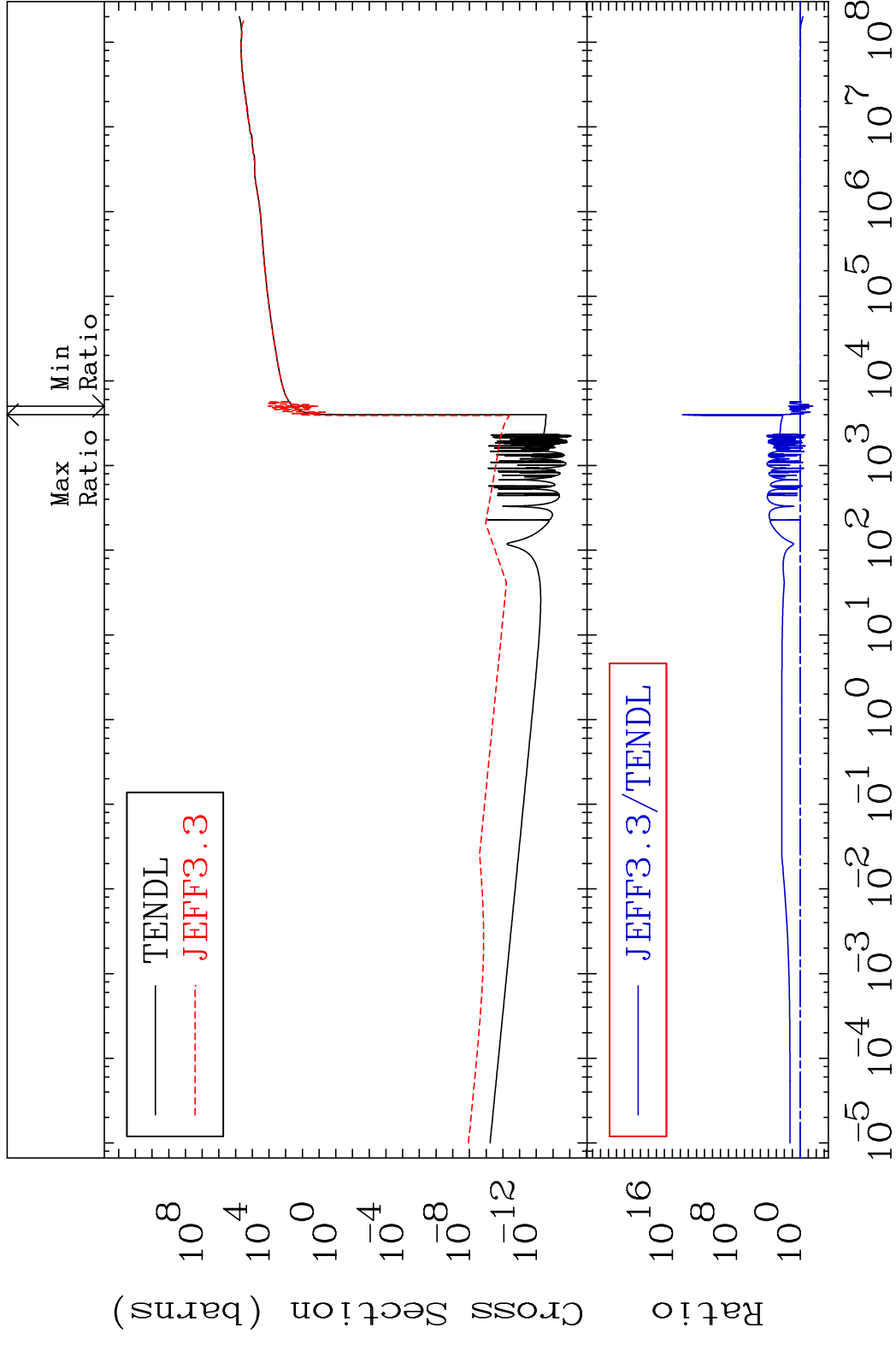
MAT 7449 Total photon (eV-barns) 74-W -188
 Cross Section -99.99 To 9999. %



MAT 7449 Total kinematic kerma (high limit) 74-W -188
 Cross Section -99.96 To 9999. %



MAT 7449 Dpa total (eV-barns) 74-W -188
 Cross Section -97.02 To 9999. %

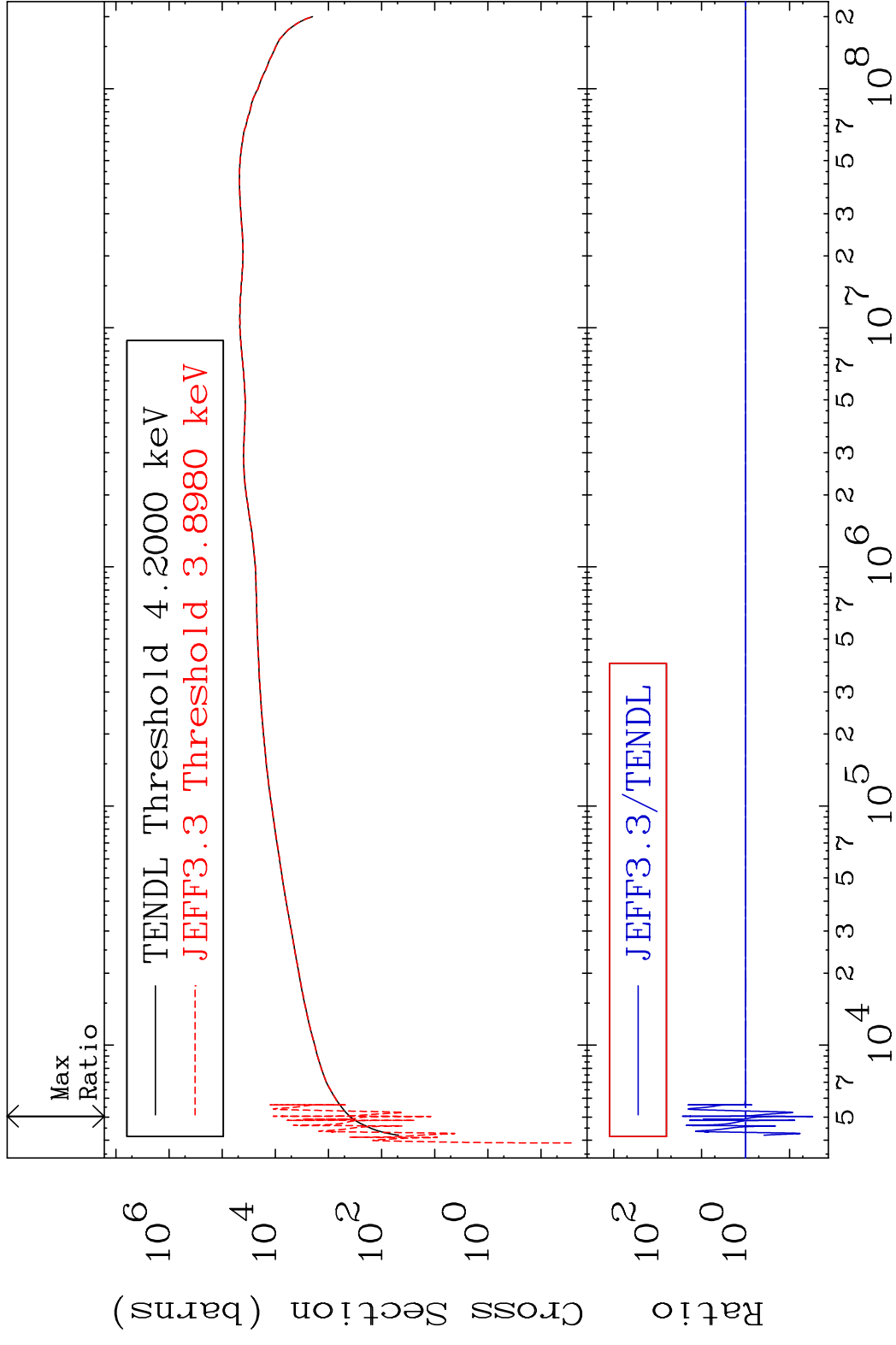


MAT 7449

Dpa elastic (mt2)

74-W -188

Cross Section -97.02 To 2640. %

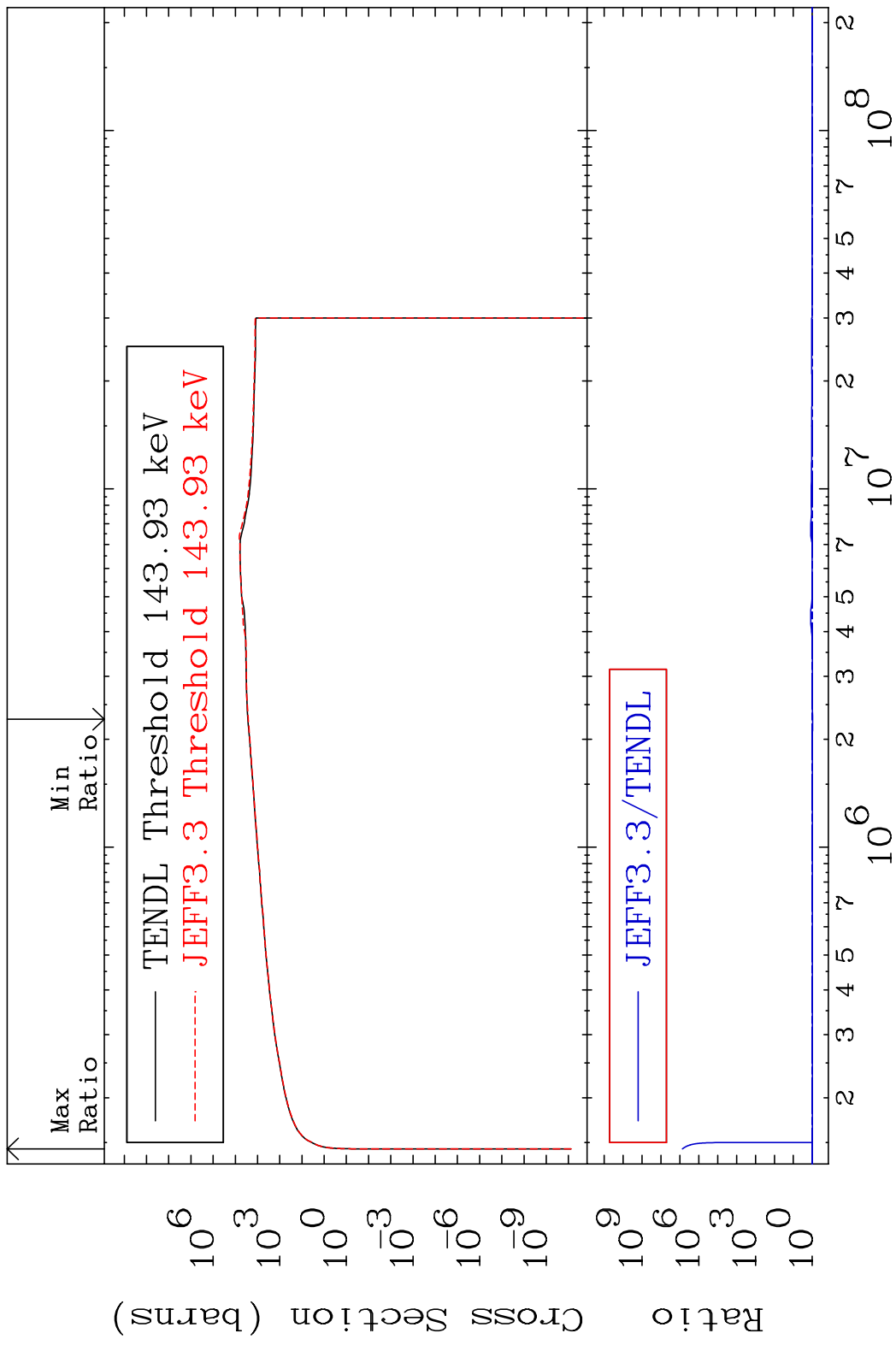


67

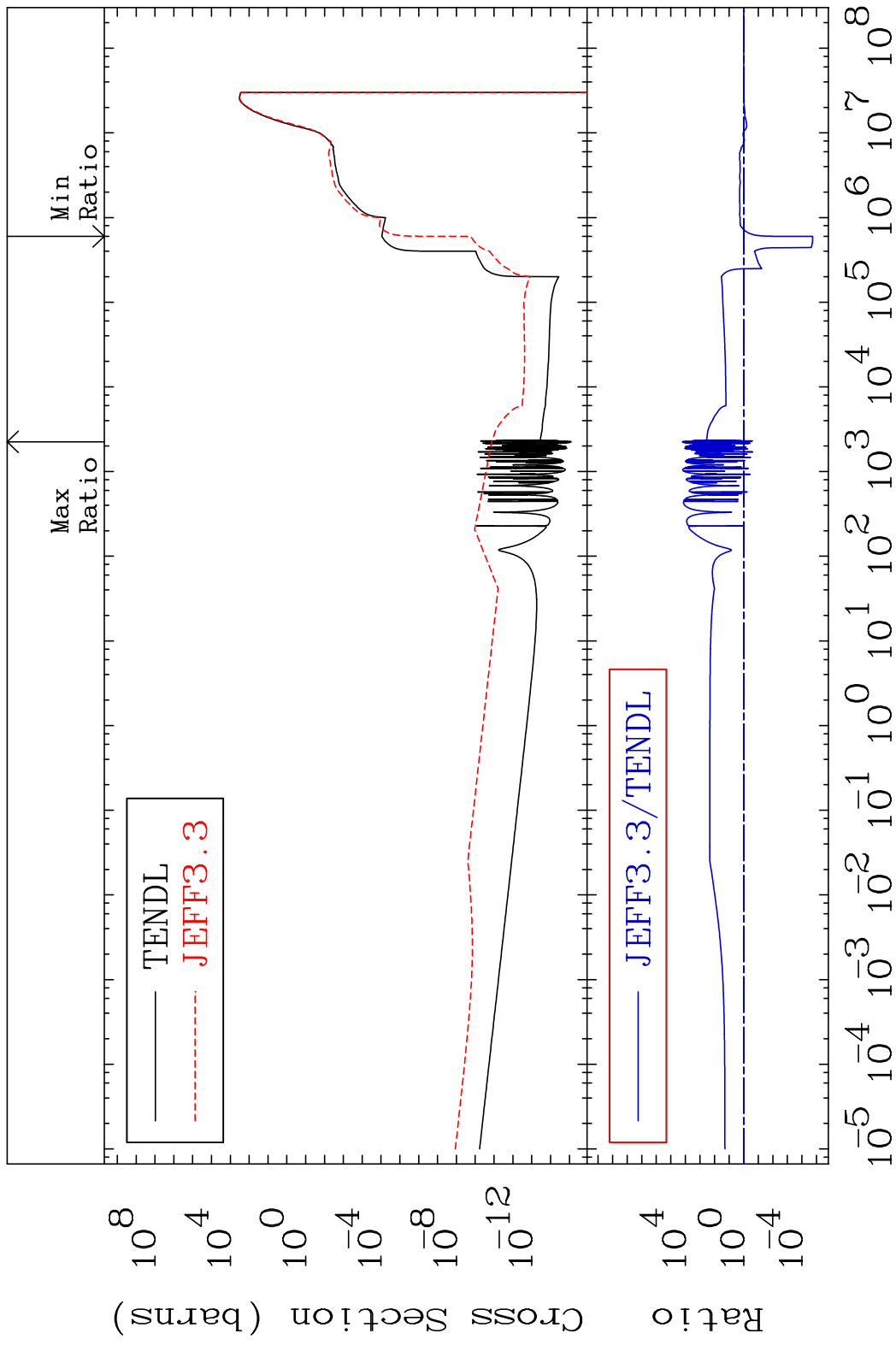
Incident Energy (eV)

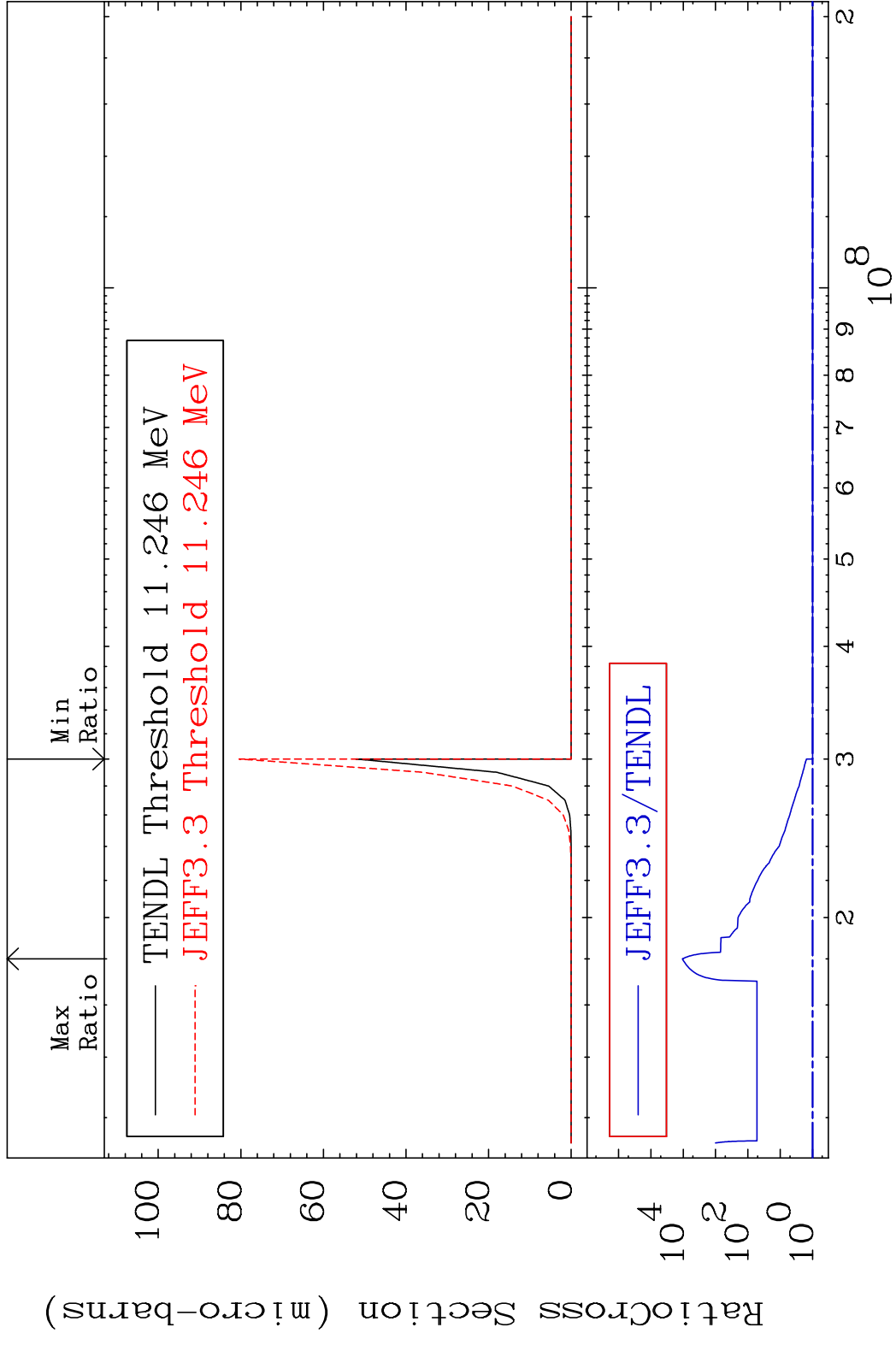
74-W -188

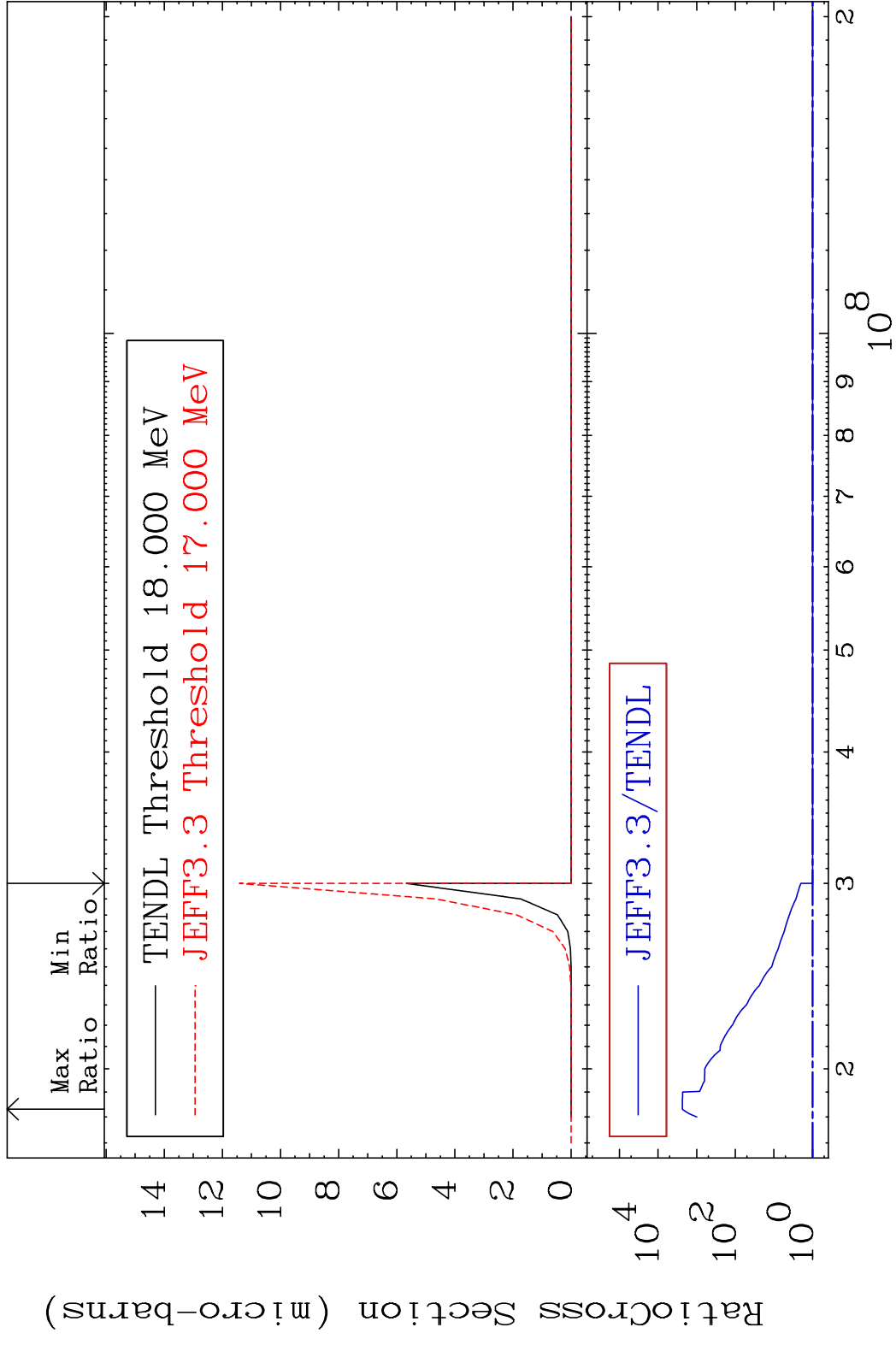
MAT 7449 Dpa inelastic (mt51-91) 74-W -188
 Cross Section -3.697 To 9999. %

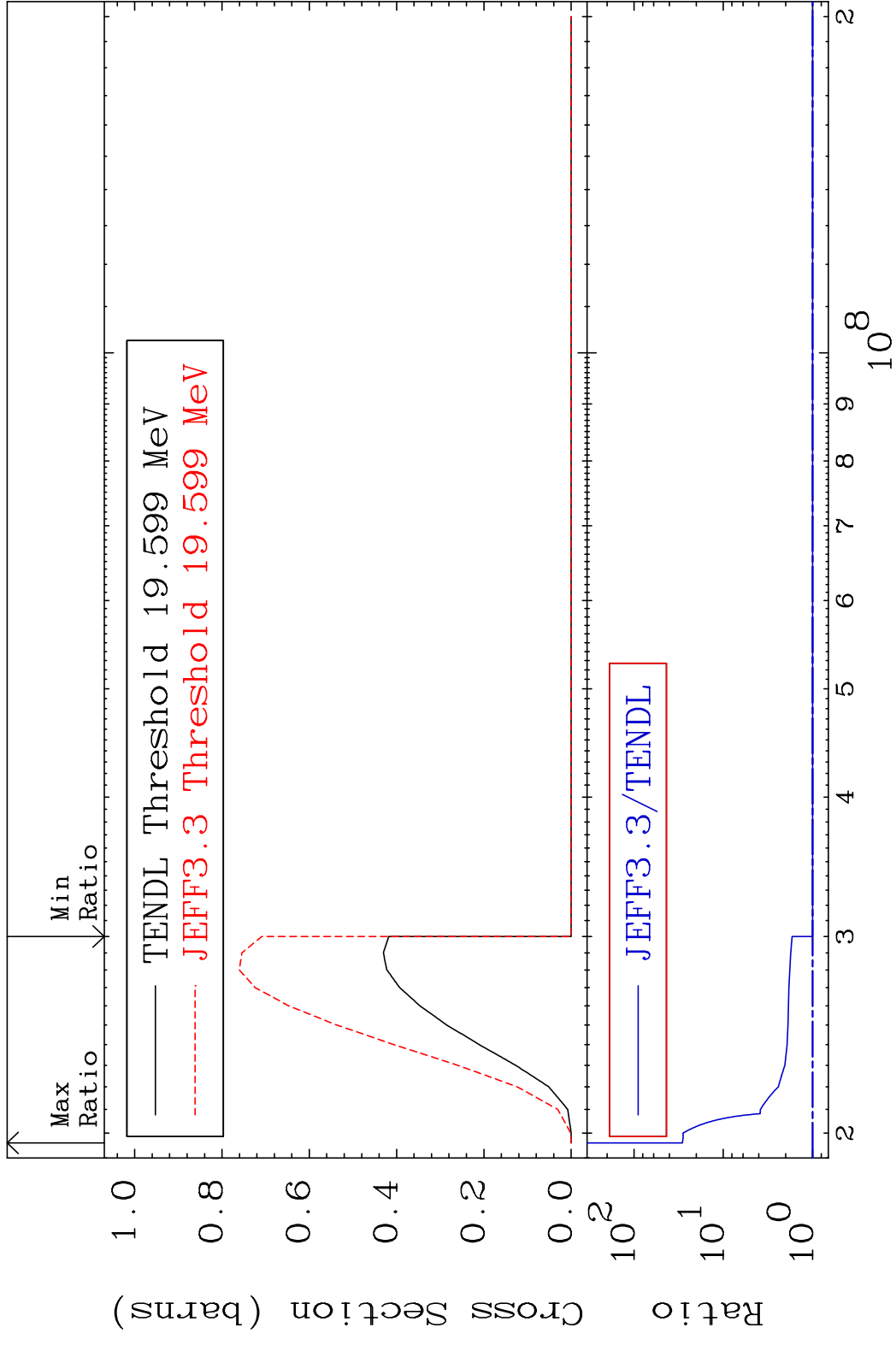


MAT 7449 Dpa disappearance (mt102 -120) 74-W -188
 Cross Section -100.0 To 9999. %









MAT 7449 (n, 4n): 74-W -185m6 74-W -188
 Radionuclide Production Cross Section 48e08d10 4529. %

