

Program Complot
(Version 2021-1)

by

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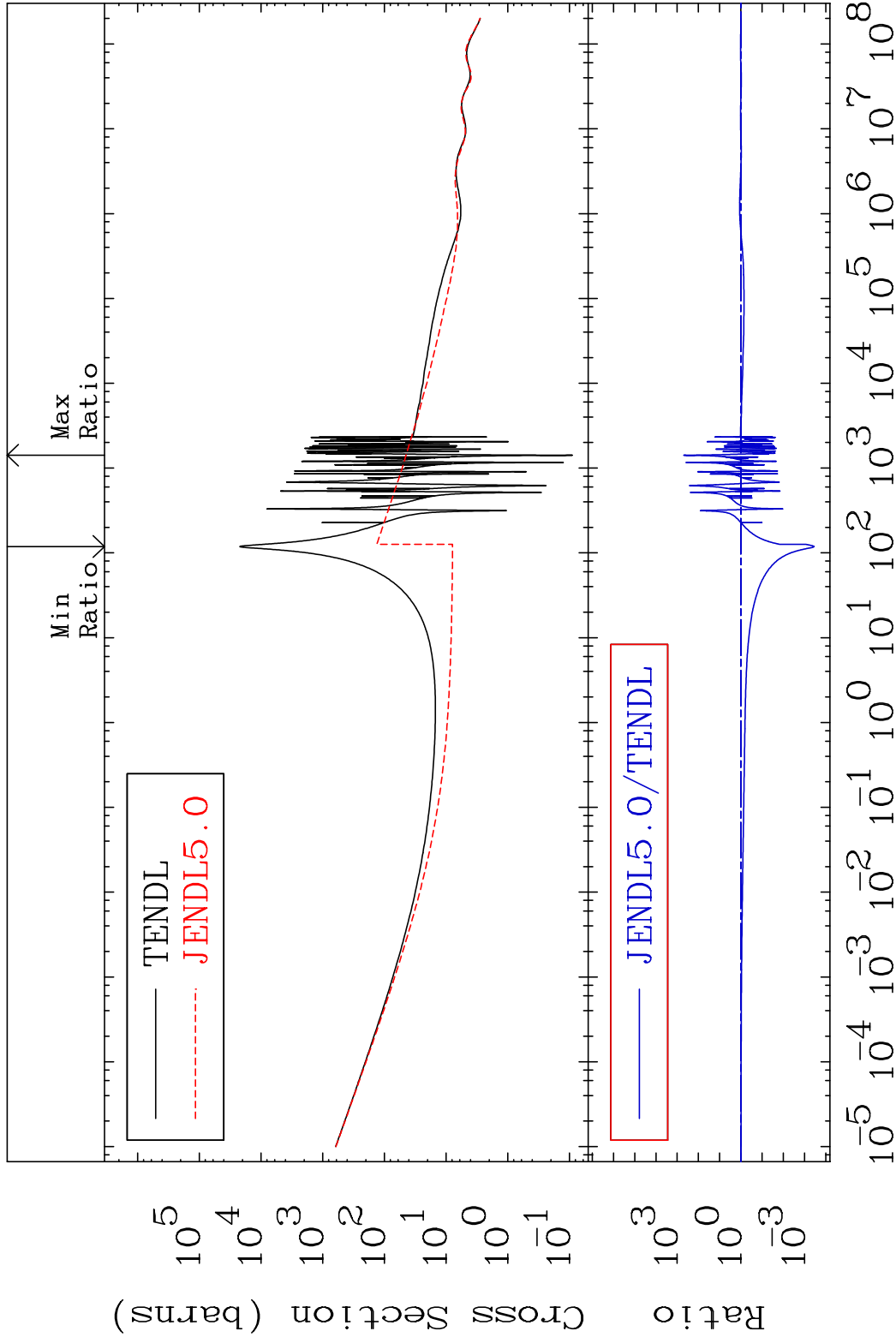
Press Mouse Button to Start

MAT 7449

Total

74-W -188

Cross Section -99.96 To 9999. %



1

Incident Energy (eV)

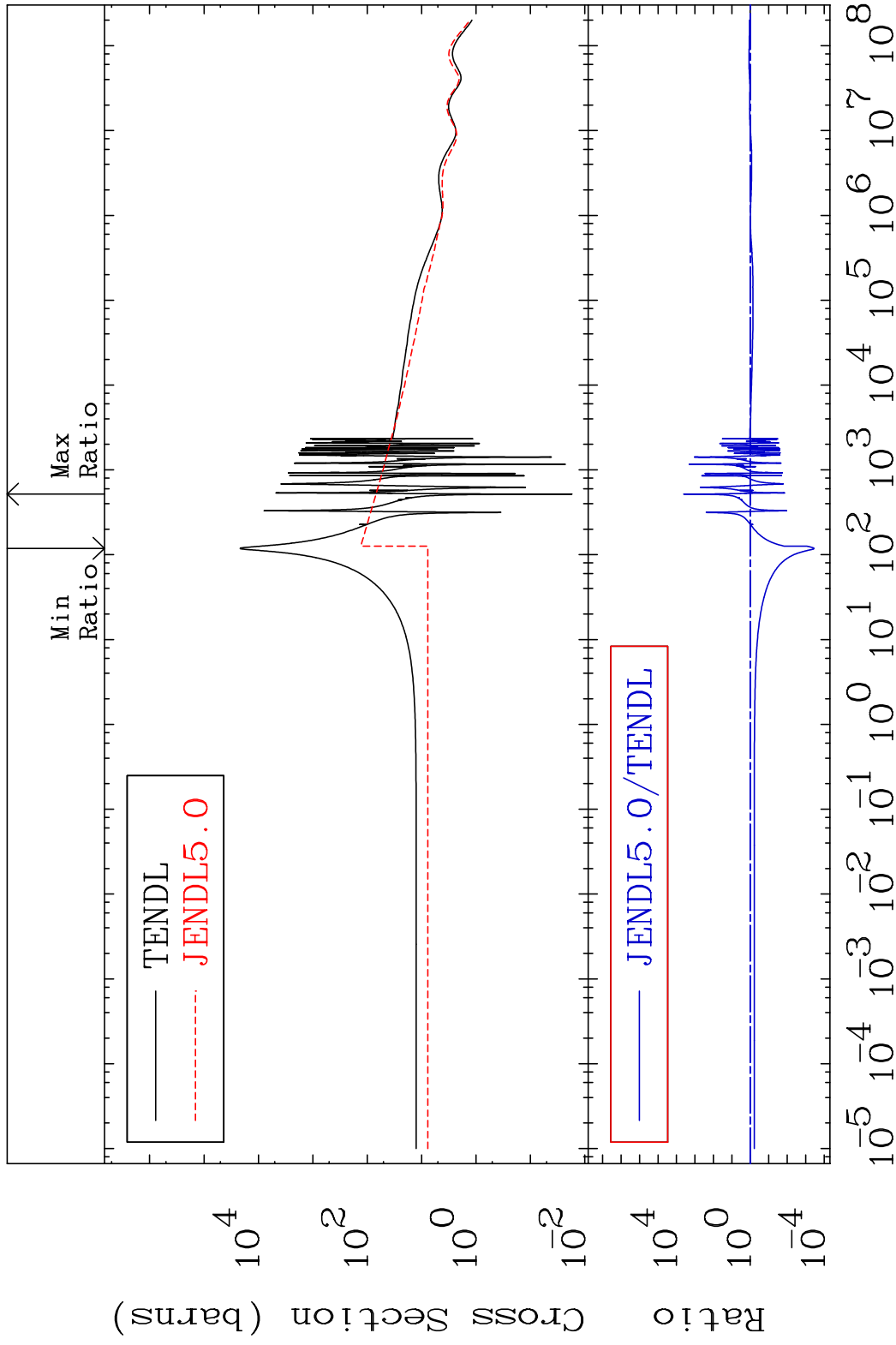
74-W -188

MAT 7449

Elastic

74-W -188

Cross Section -99.97 To 9999. %

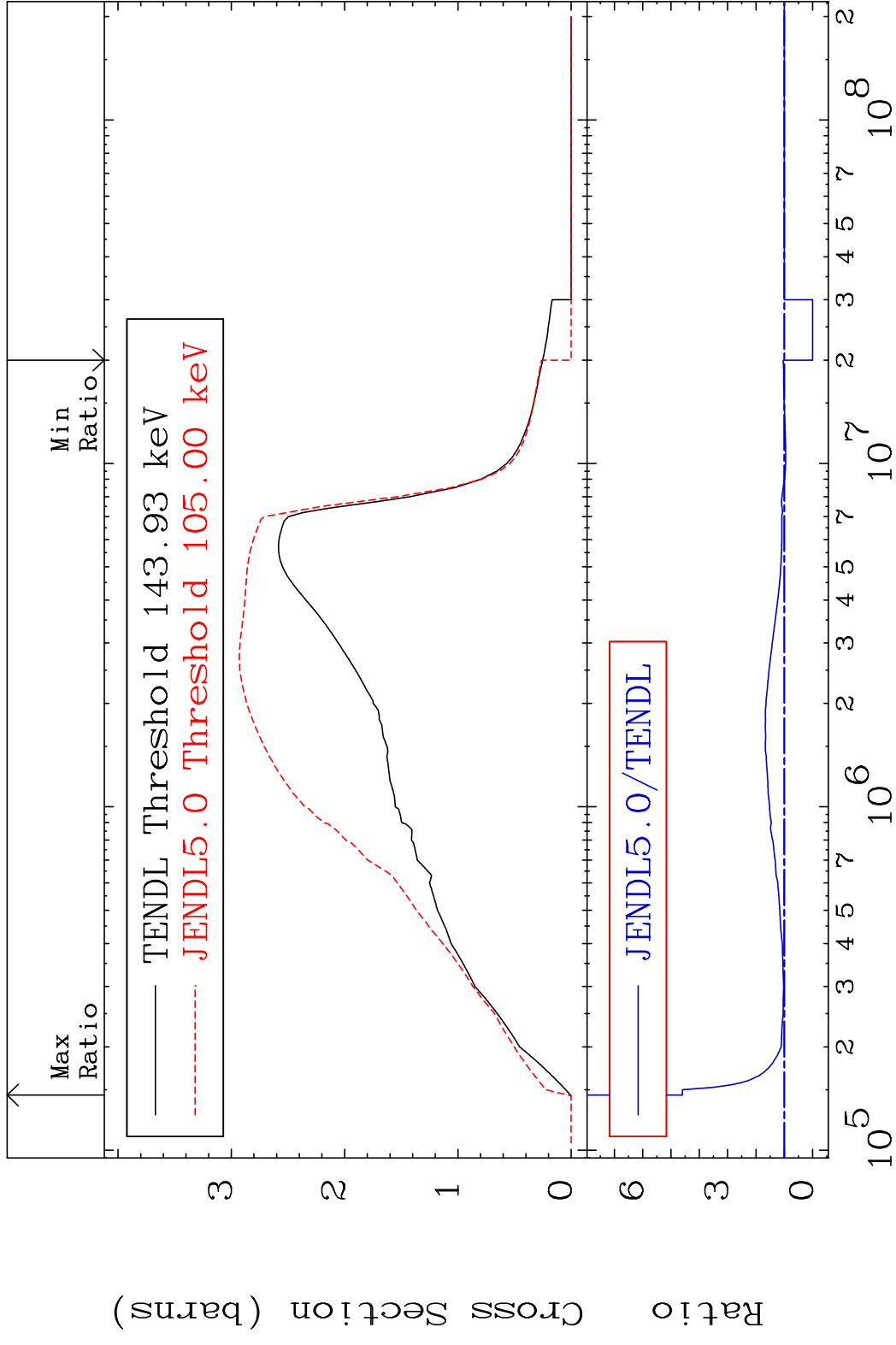


2

Incident Energy (eV)

74-W -188

MAT 7449 Inelastic 74-W -188
 Cross Section -100.0 To 360.0 %



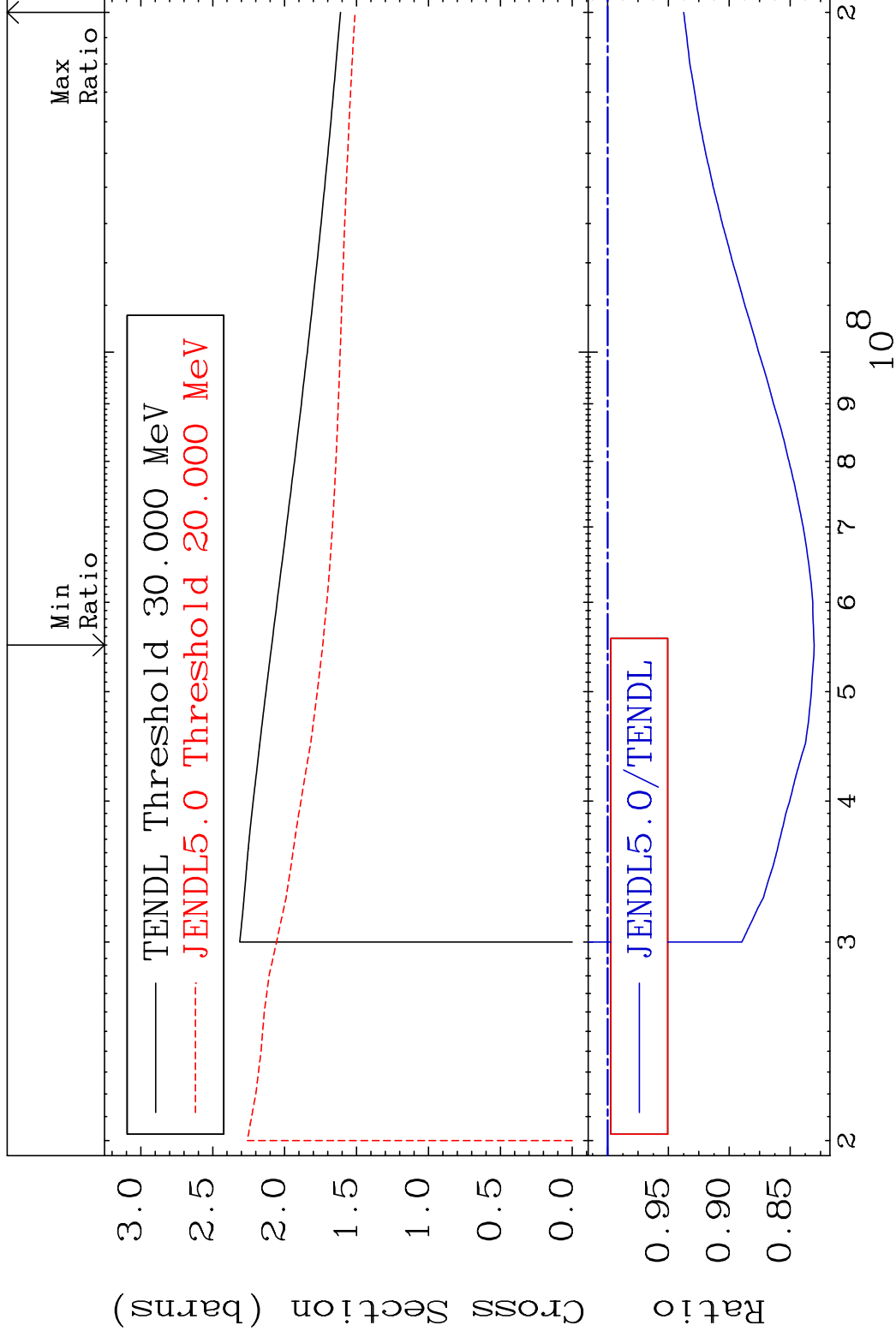
3 Incident Energy (eV) 74-W -188

MAT 7449

(n, remainder)

74-W -188

Cross Section -16.98 To -6.249%

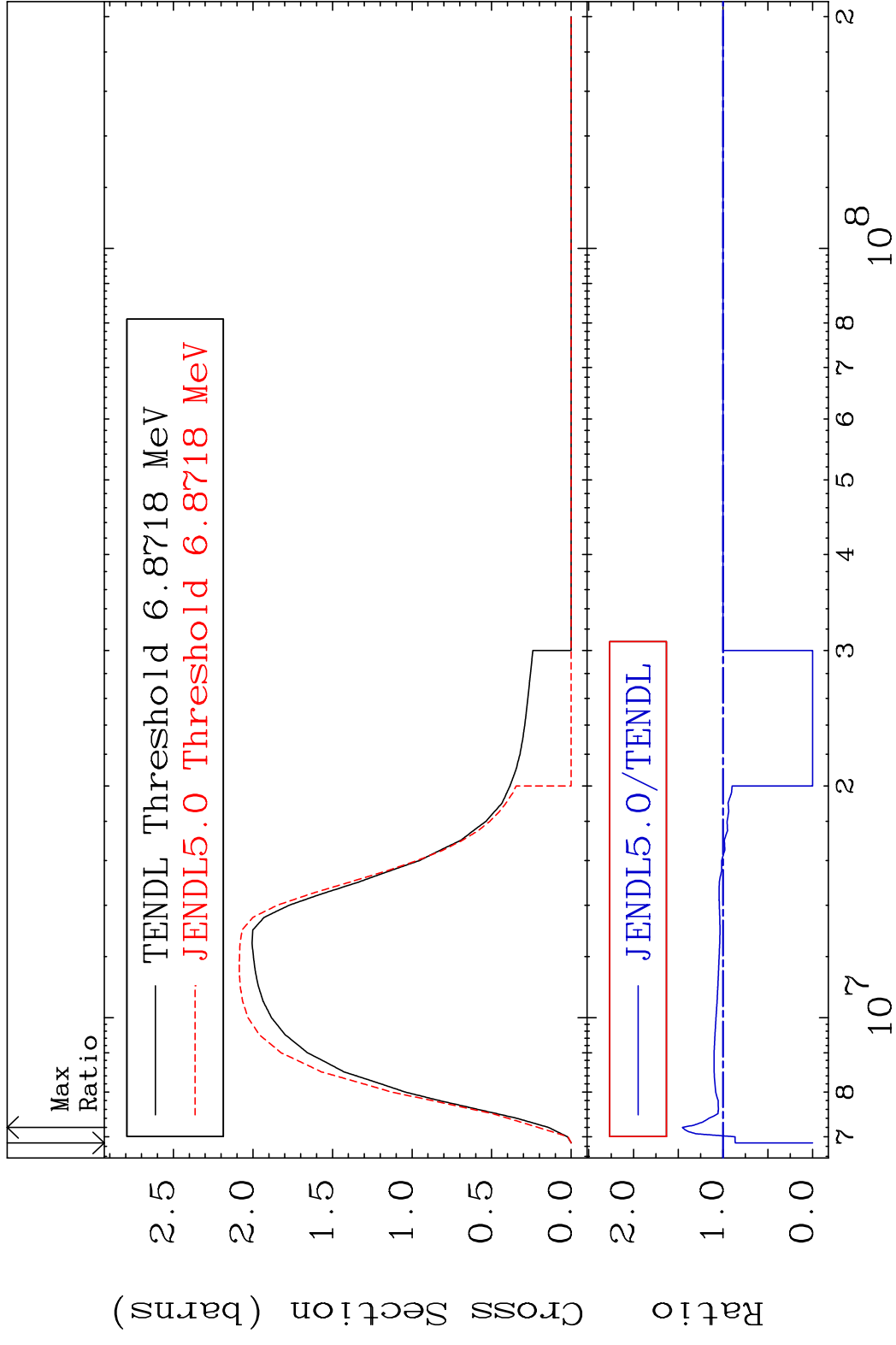


4

Incident Energy (eV)

74-W -188

MAT 7449 (n,2n) 74-W -188
 Cross Section -100.0 To 45.45 %



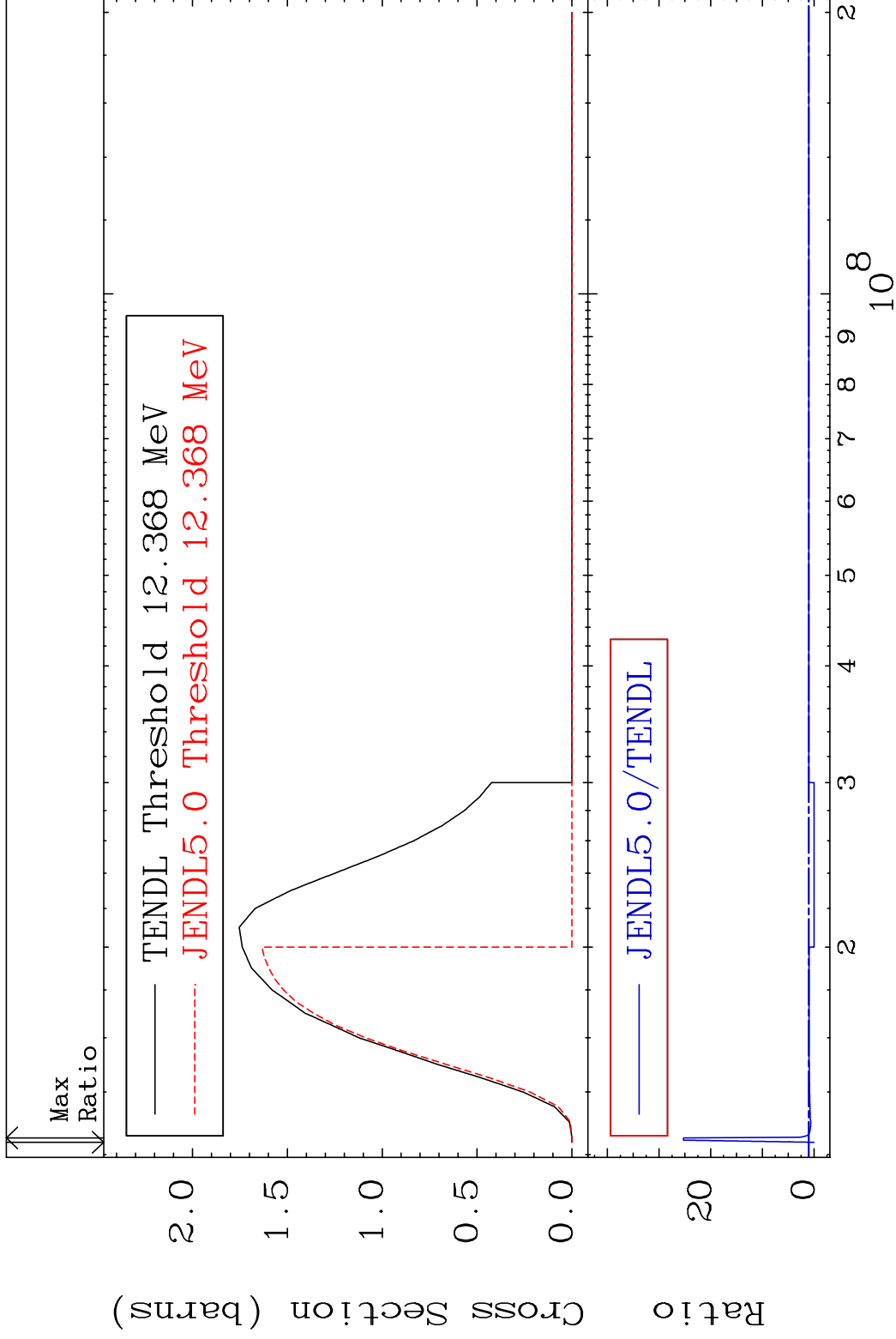
5 Incident Energy (eV) 74-W -188

MAT 7449

(n,3n)

74-W -188

Cross Section -100.0 To 2427. %



6

Incident Energy (eV)

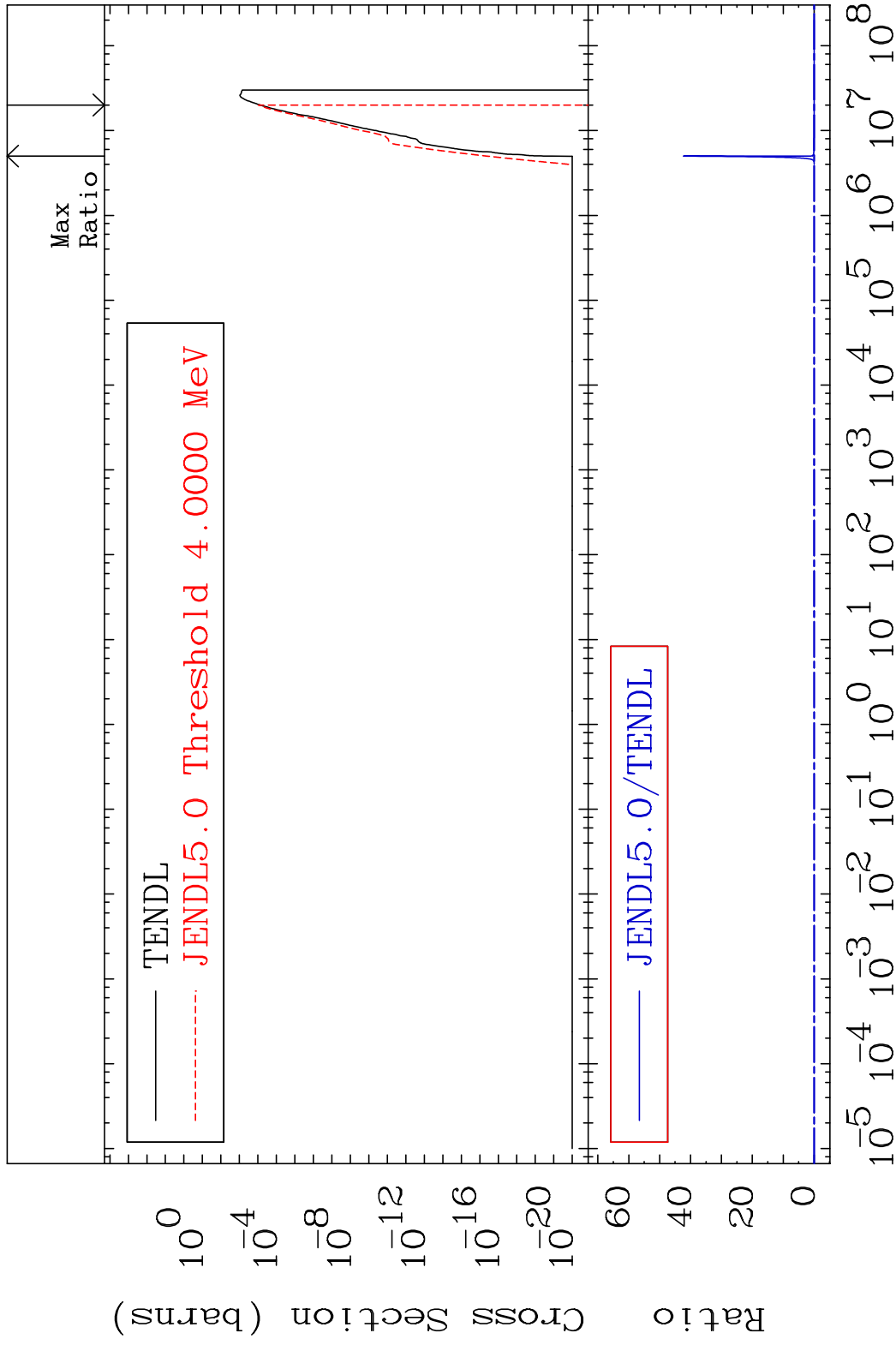
74-W -188

MAT 7449

(n, n') α

74-W -188

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

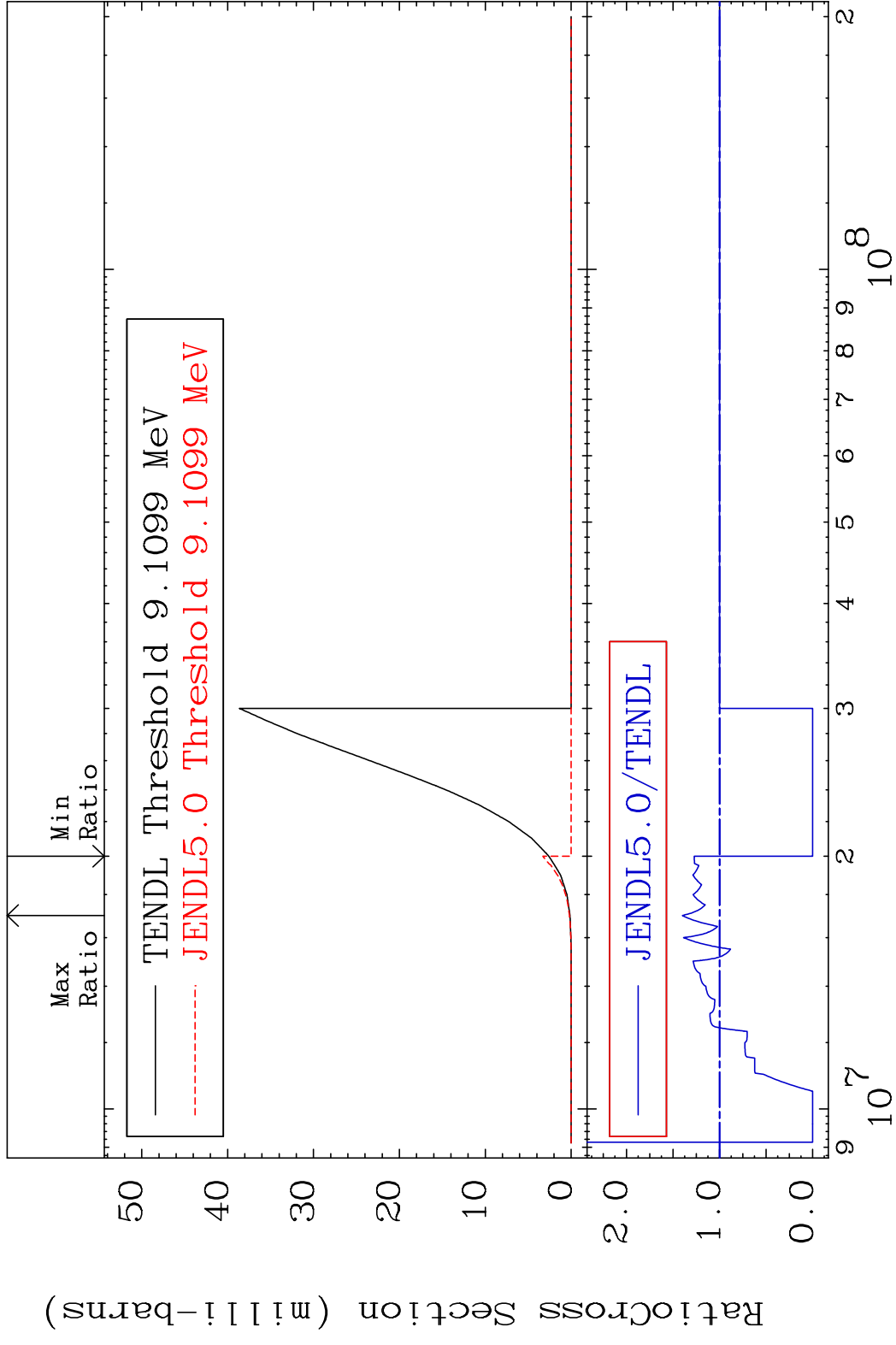
74-W -188

MAT 7449

(n, n') p

74-W -188

Cross Section -100.0 To 40.03 %



8

Incident Energy (eV)

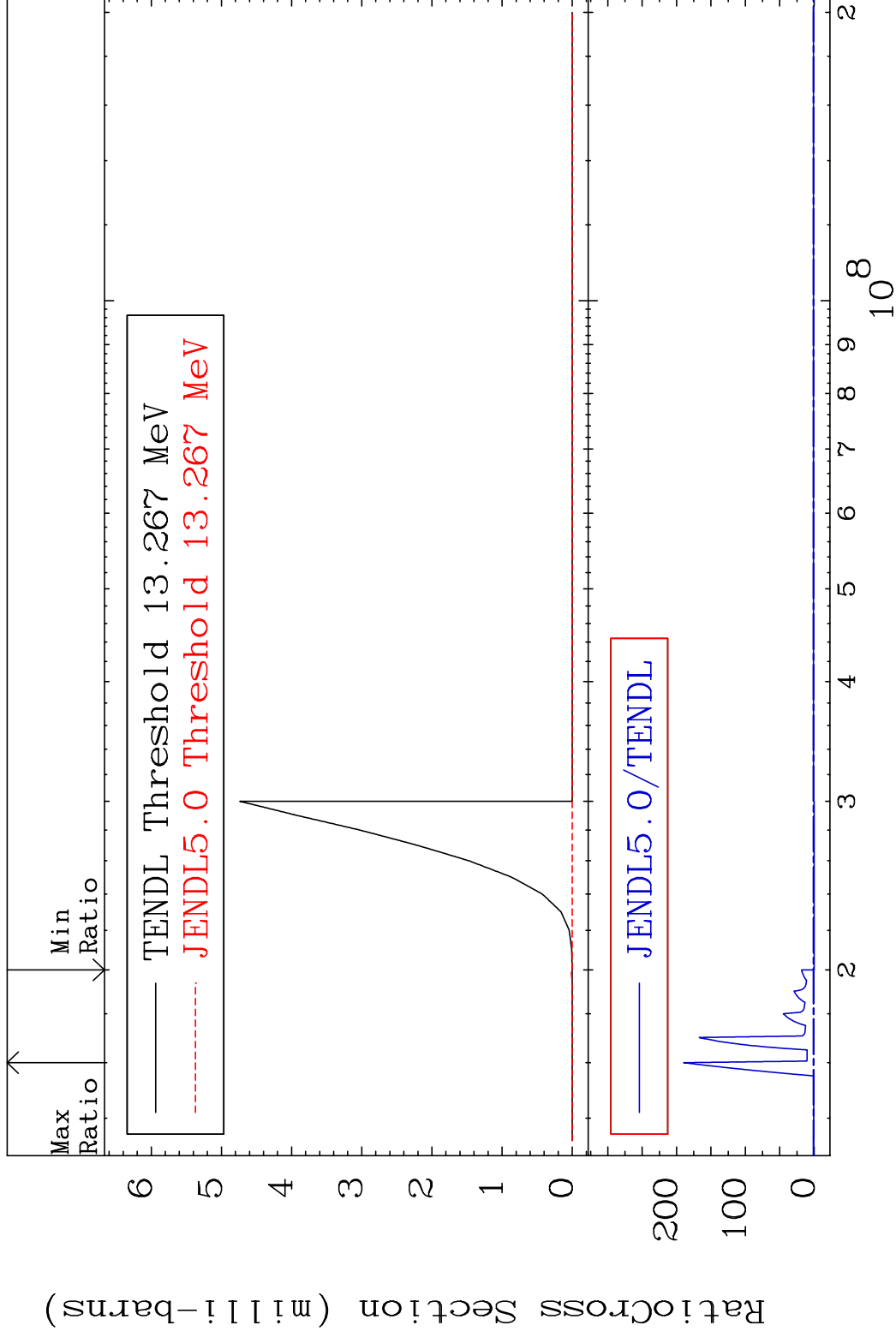
74-W -188

MAT 7449

(n, n') d

74-W -188

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

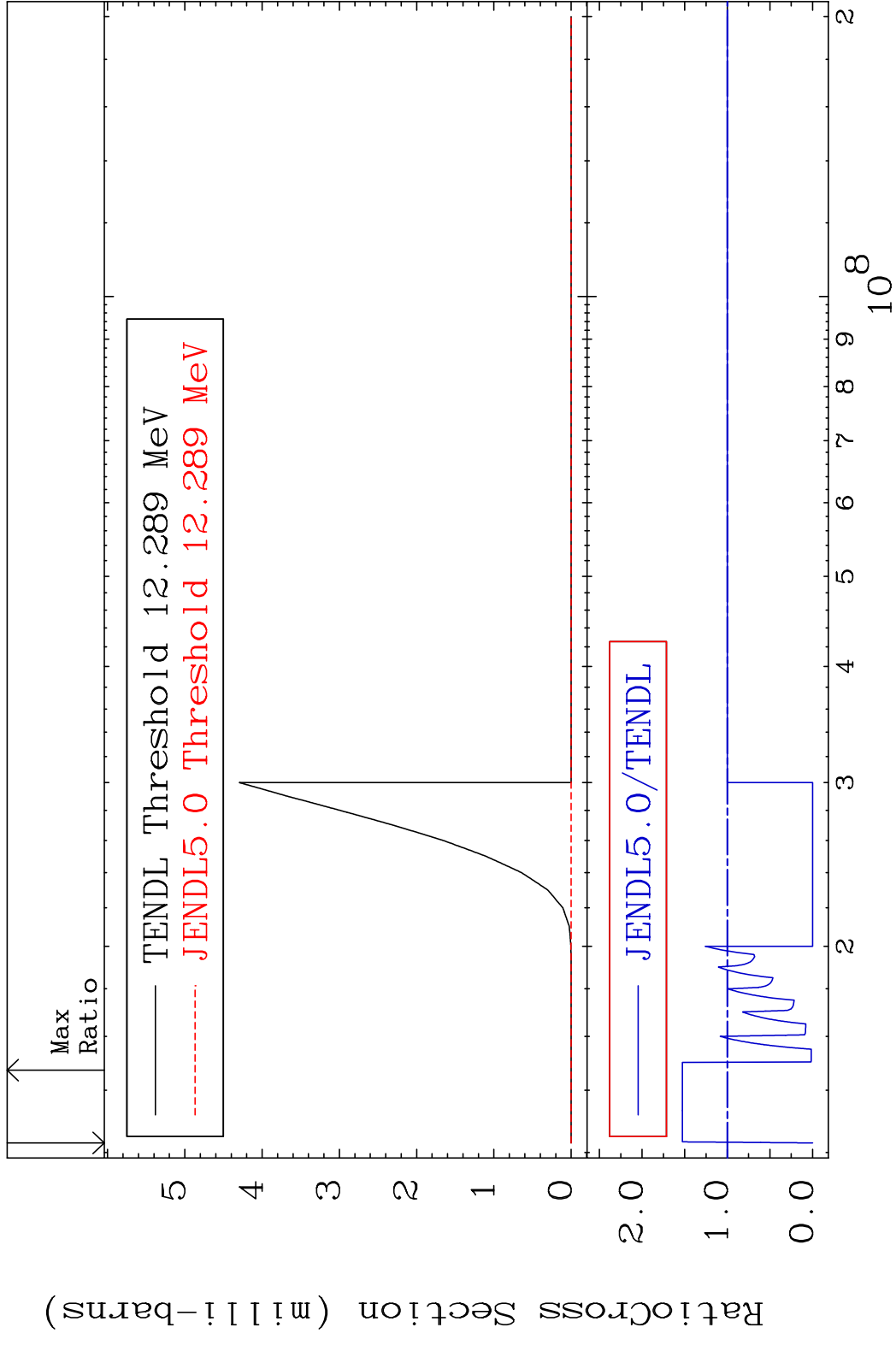
74-W -188

MAT 7449

(n, n') t

74-W -188

Cross Section -100.0 To 52.76 %

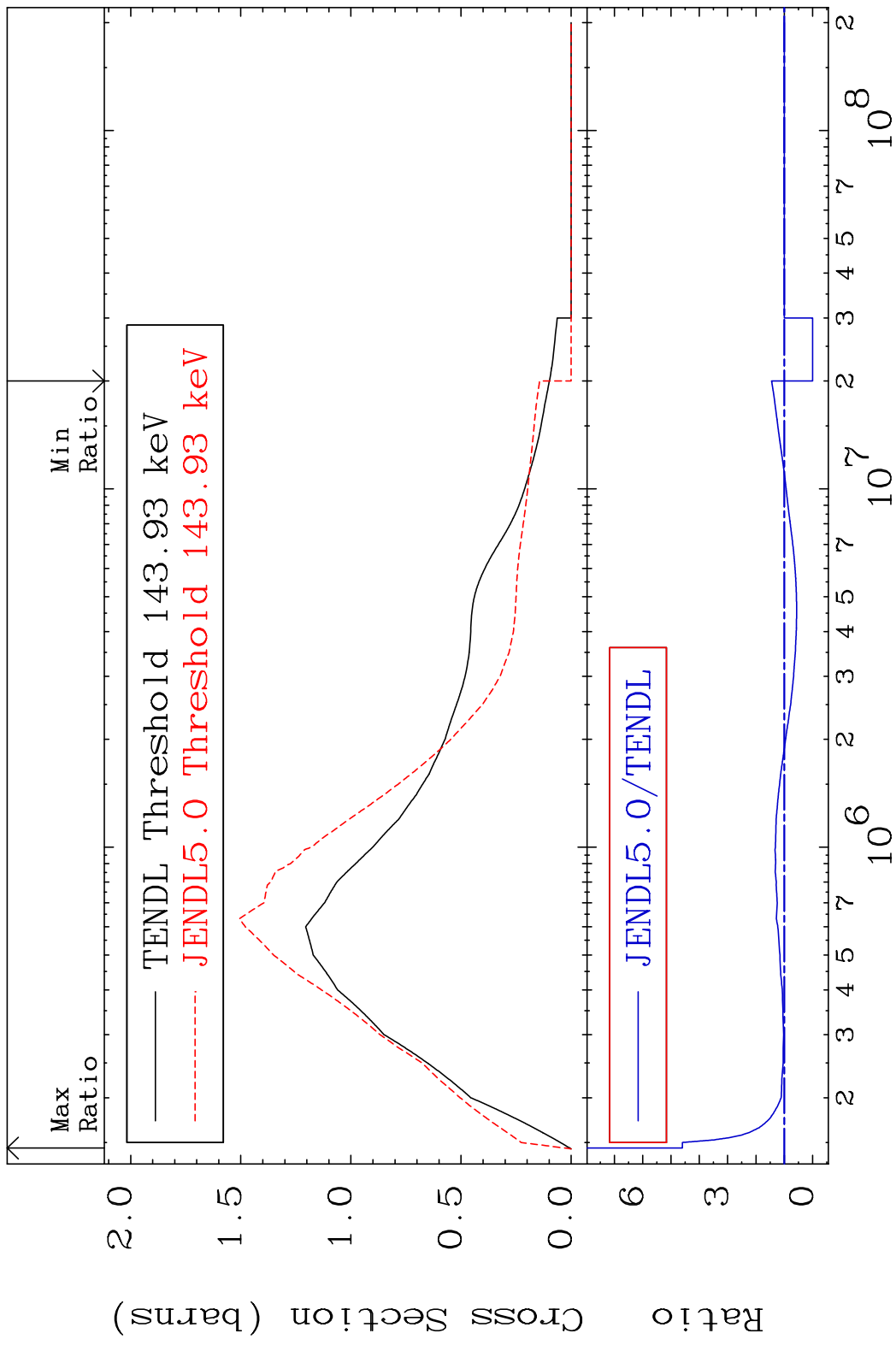


10

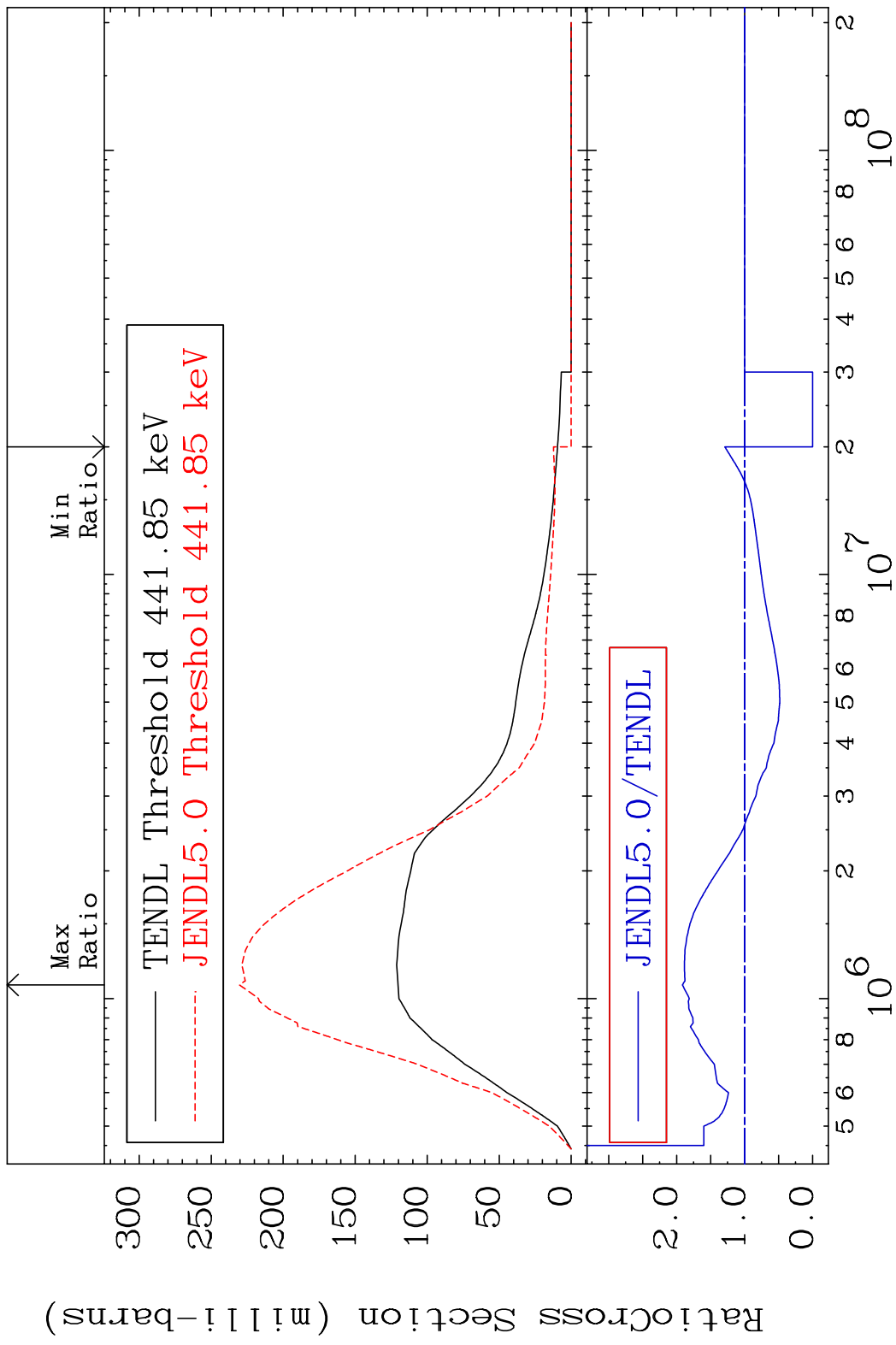
Incident Energy (eV)

74-W -188

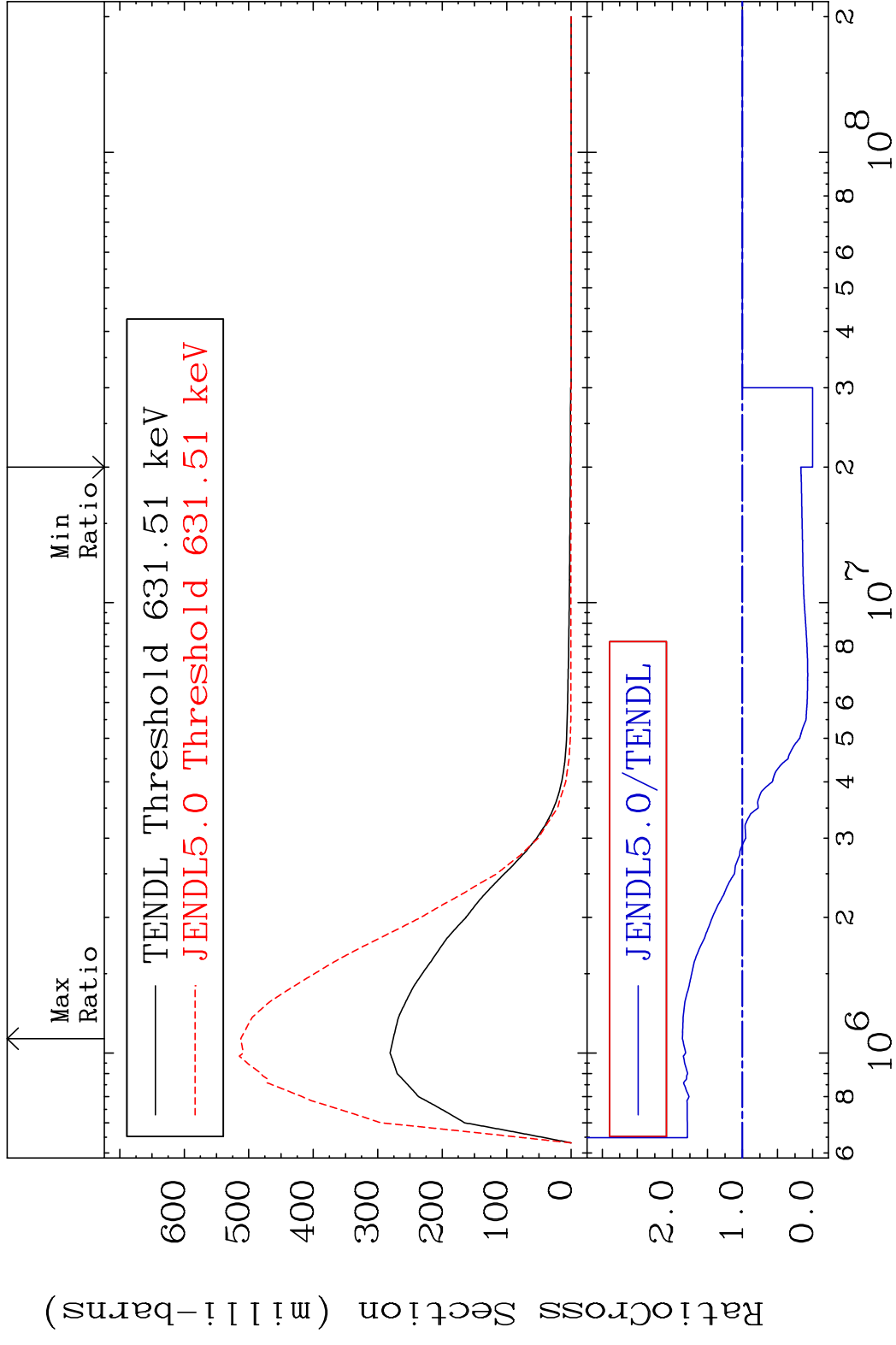
MAT 7449 MT= 51 (n, n') Level 74-W -188
 Cross Section -100.0 To 359.9 %



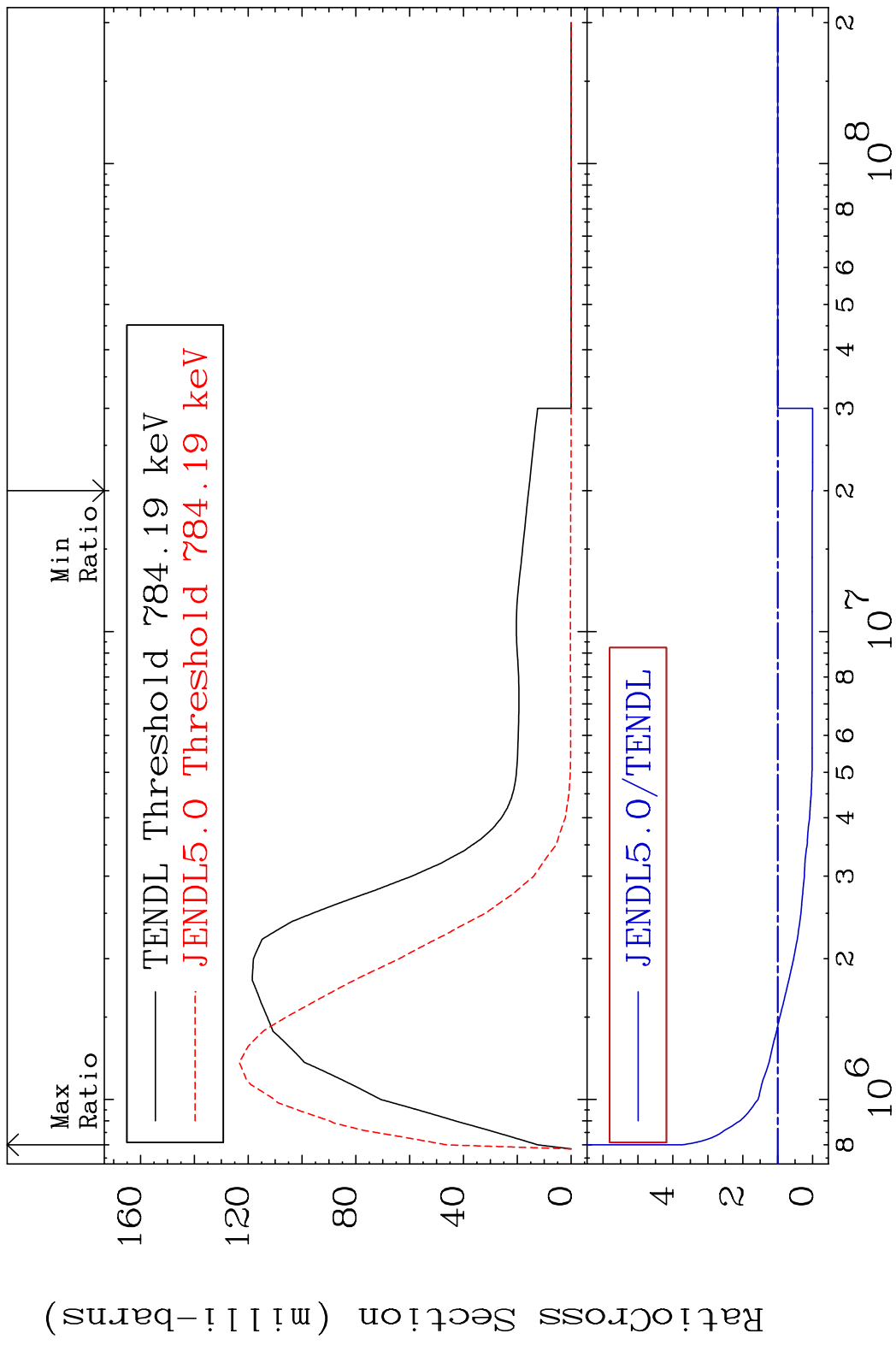
MAT 7449 MT= 52 (n, n') Level 74-W -188
 Cross Section -100.0 To 91.63 %



MAT 7449 MT= 53 (n, n') Level 74-W -188
 Cross Section -100.0 To 85.74 %

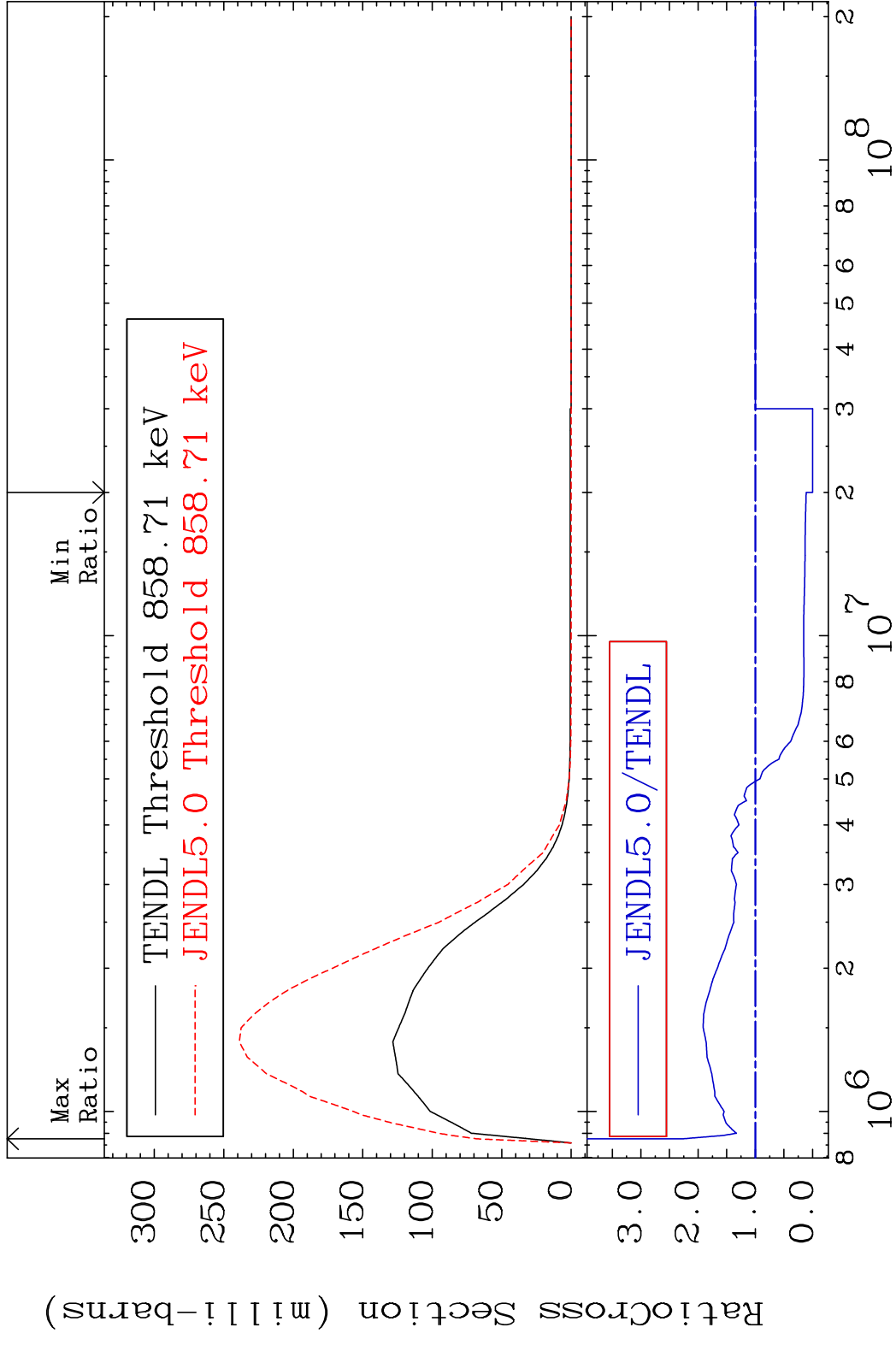


MAT 7449 MT= 54 (n, n') Level 74-W -188
 Cross Section -100.0 To 273.0 %



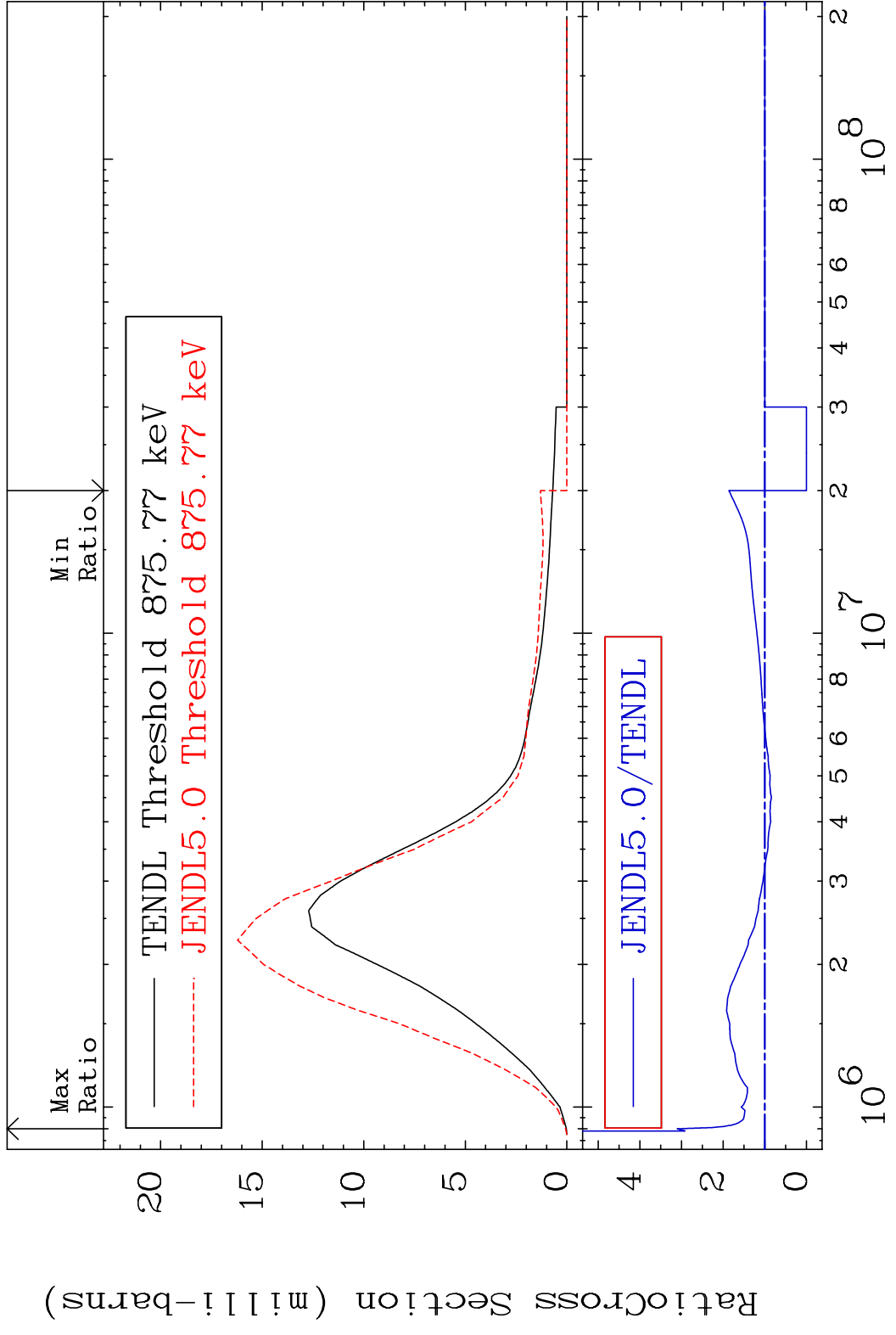
14 Incident Energy (eV) 74-W -188

MAT 7449 MT= 55 (n, n') Level 74-W -188
 Cross Section -100.0 To 127.5 %



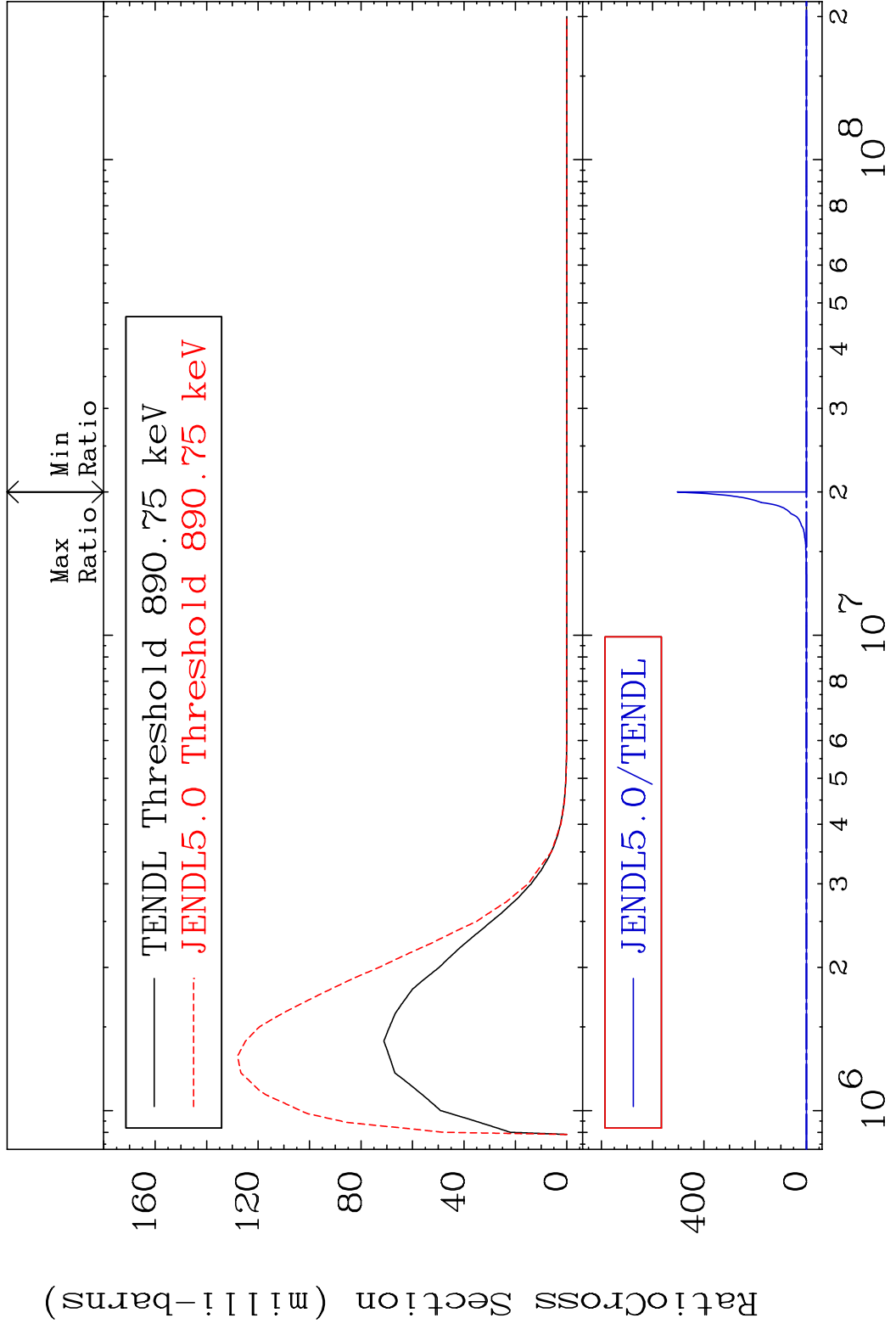
15 Incident Energy (eV) 74-W -188

MAT 7449 MT= 56 (n, n') Level 74-W -188
 Cross Section -100.0 To 210.3 %



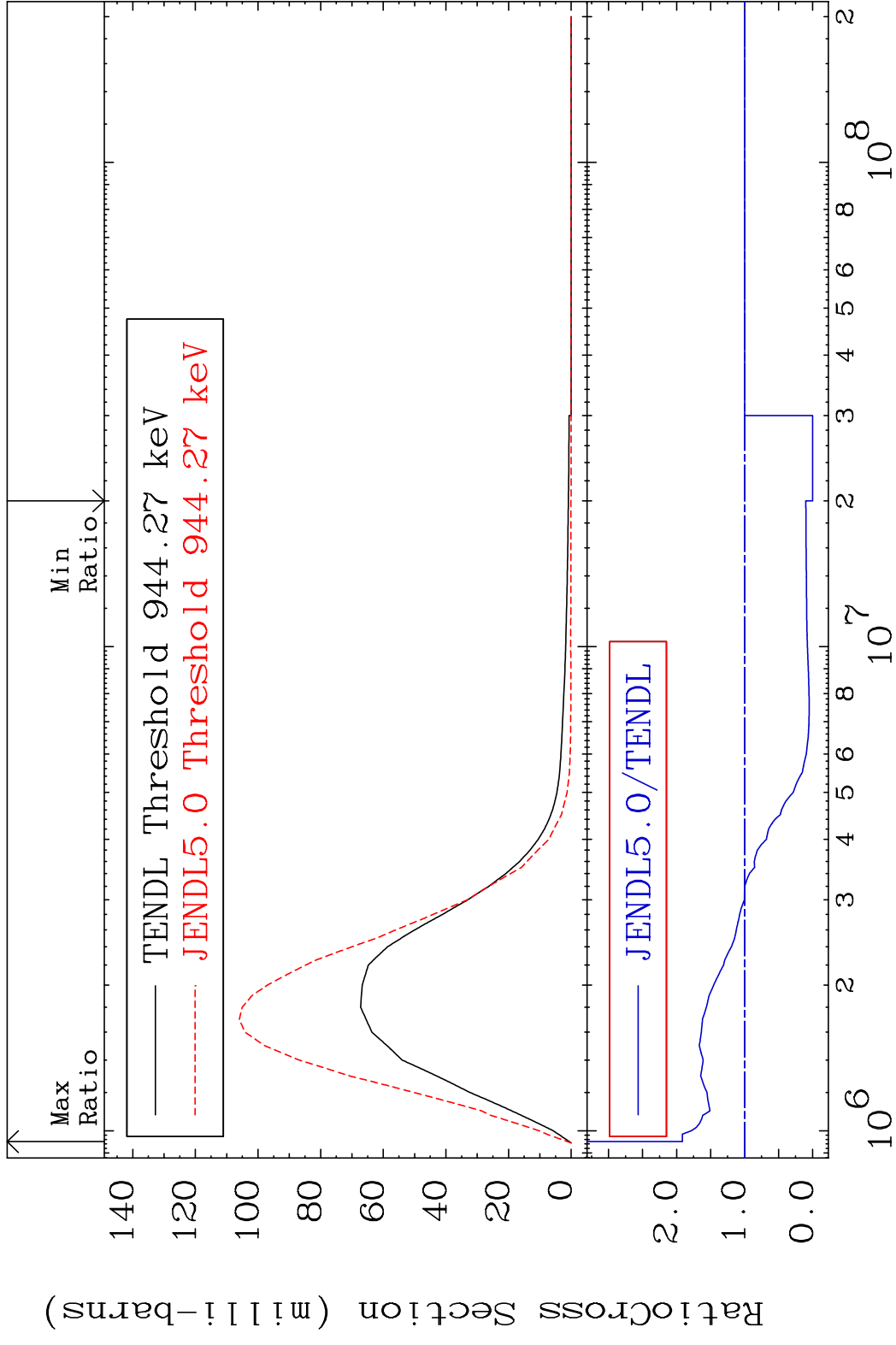
16 Incident Energy (eV) 74-W -188

MAT 7449 MT= 57 (n, n') Level 74-W -188
 Cross Section -100.0 To 9999. %



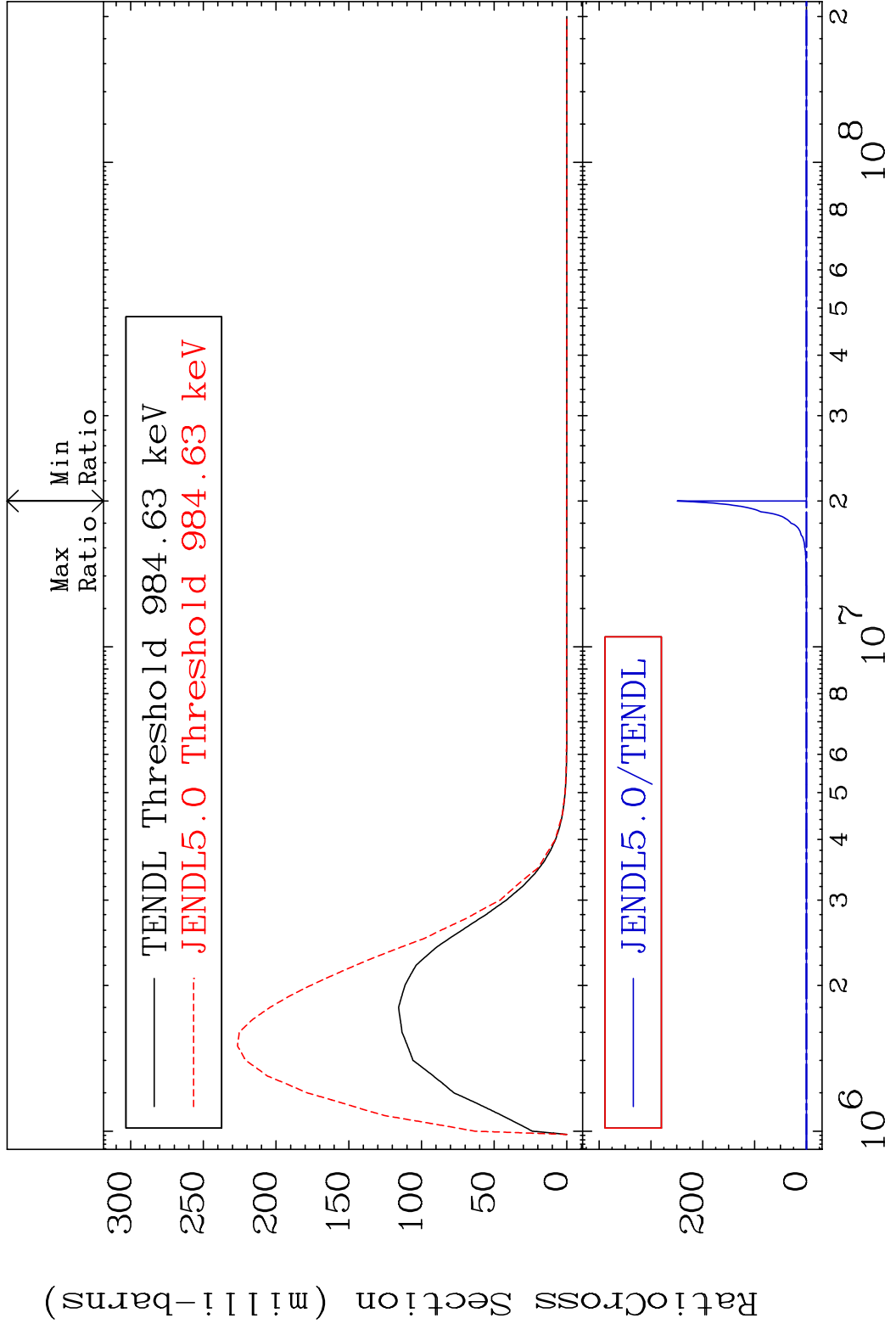
17 Incident Energy (eV) 74-W -188

MAT 7449 MT= 58 (n, n') Level 74-W -188
 Cross Section -100.0 To 91.50 %



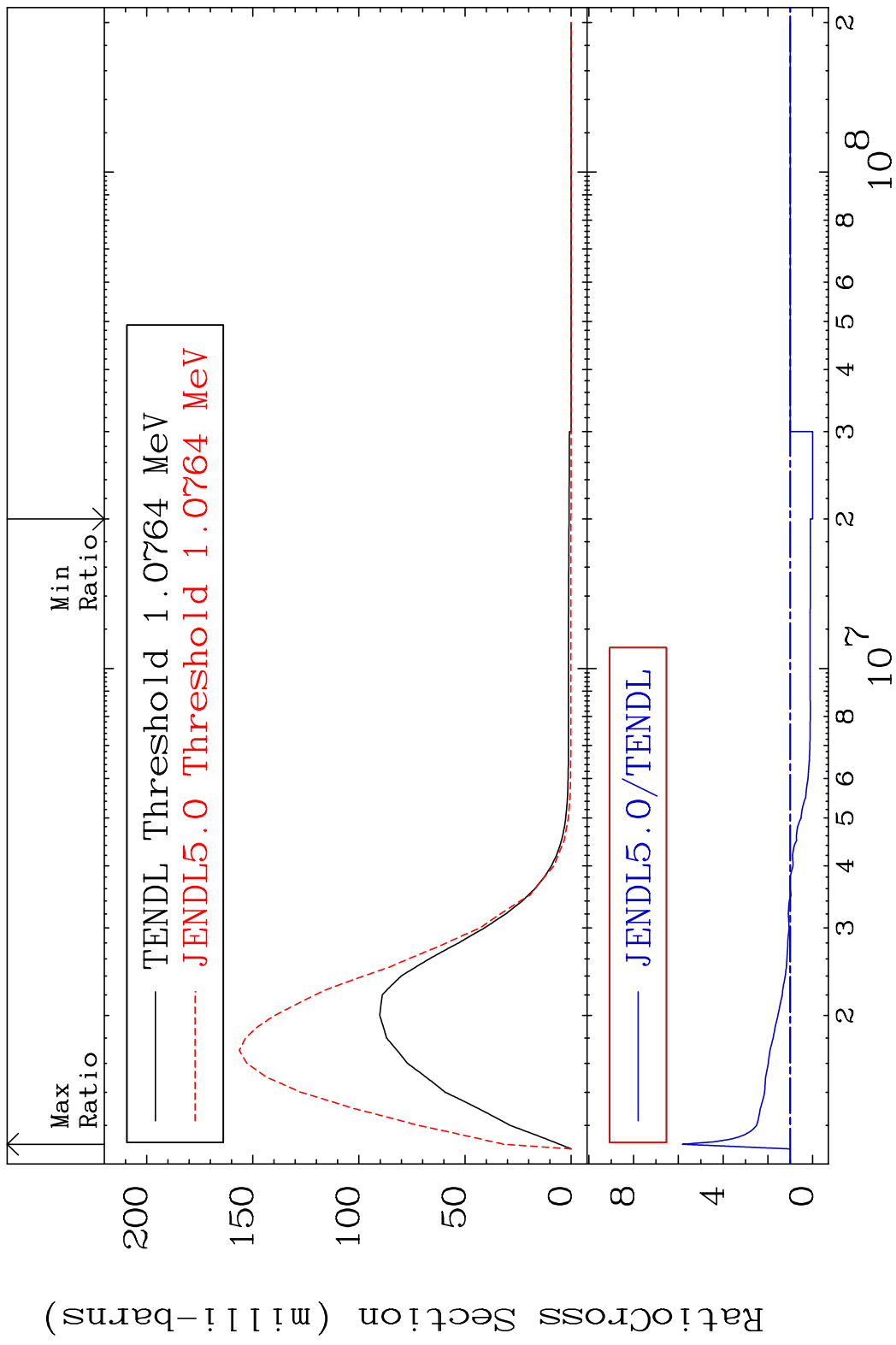
18 74-W -188

MAT 7449 MT= 59 (n, n') Level 74-W -188
 Cross Section -100.0 To 9999. %



19 Incident Energy (eV) 74-W -188

MAT 7449 MT= 60 (n, n') Level 74-W -188
 Cross Section -100.0 To 482.3 %

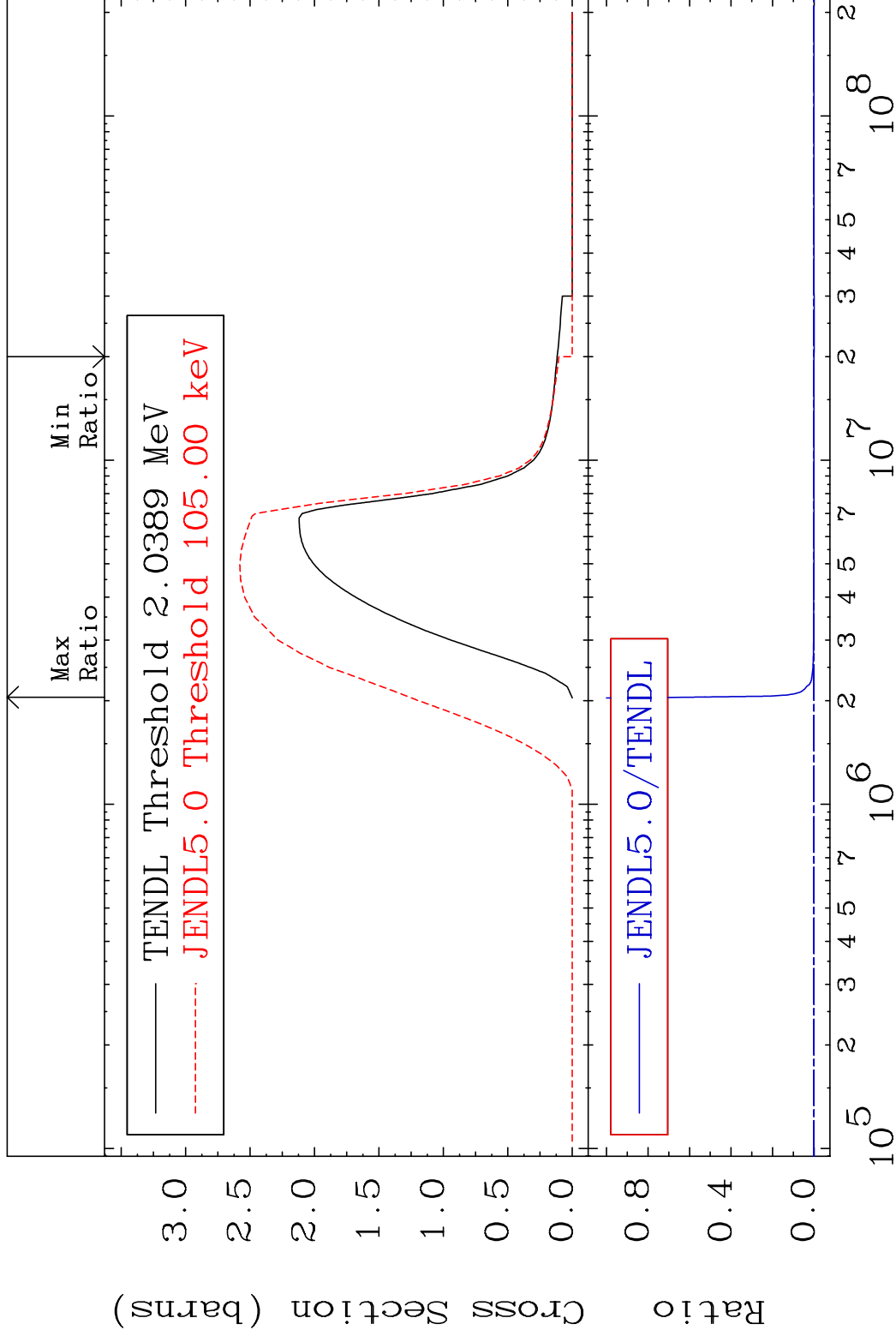


MAT 7449

(n, n') Continuum

74-W -188

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

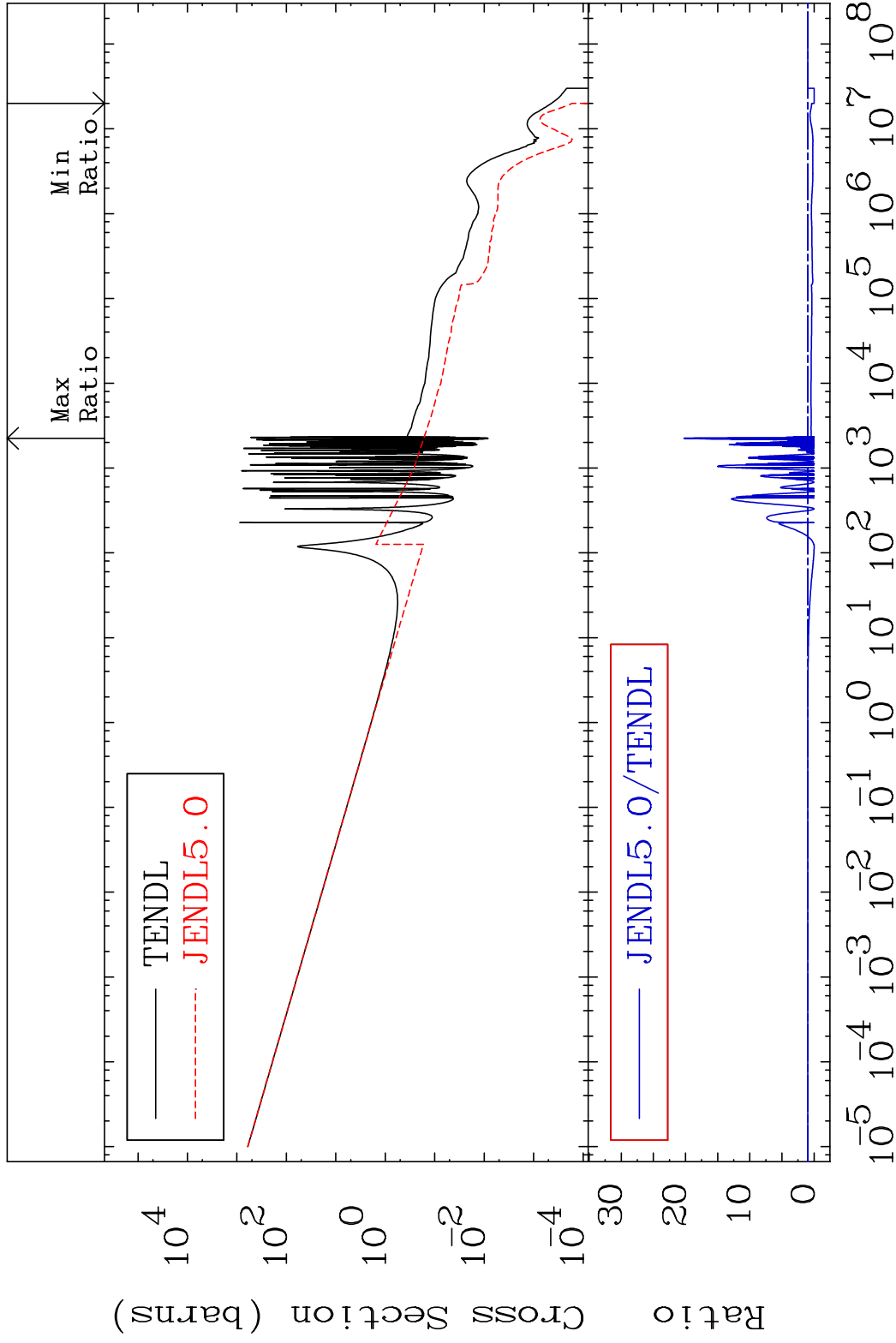
74-W -188

MAT 7449

(n, γ)

74-W -188

Cross Section -100.0 To 1929. %



22

Incident Energy (eV)

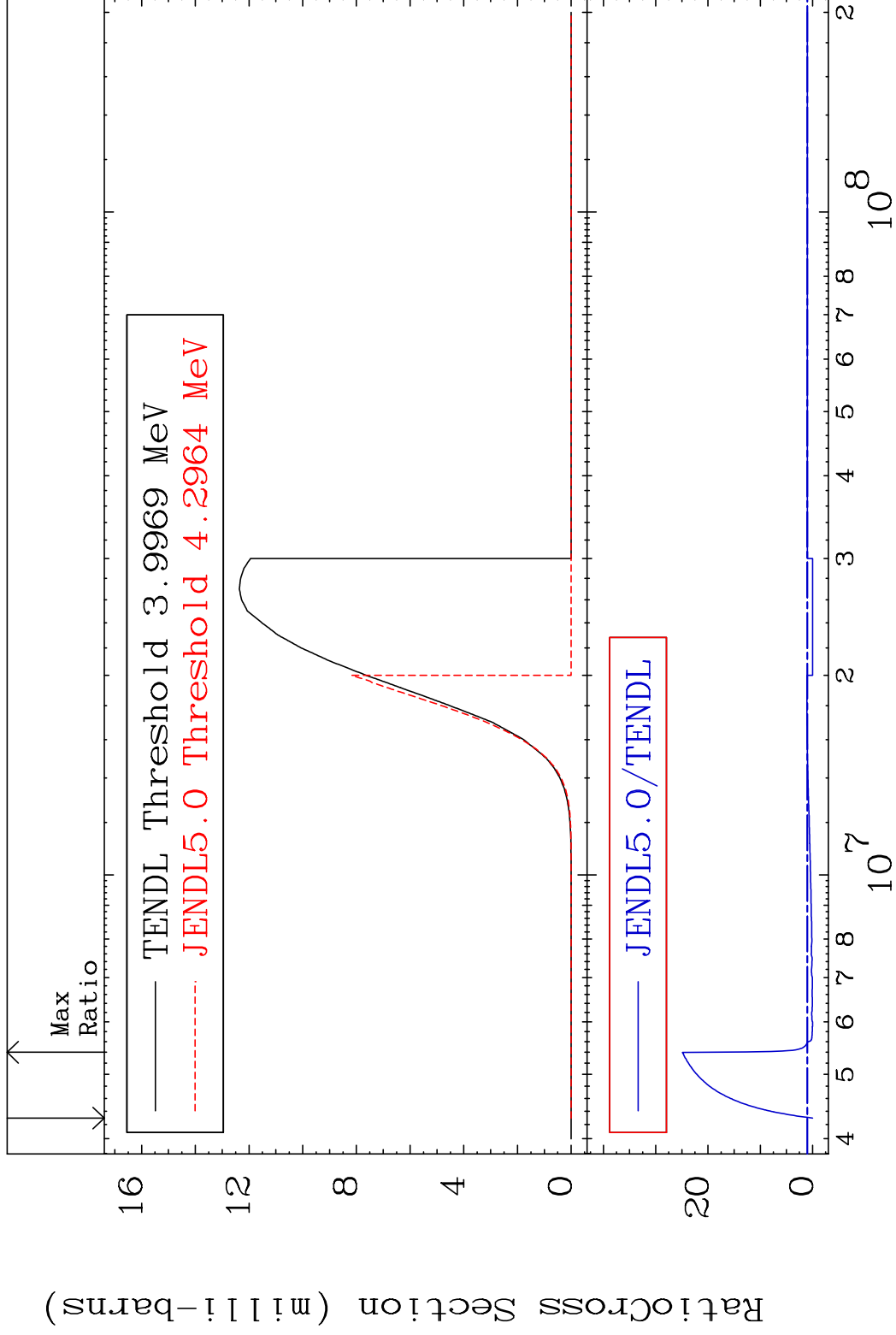
74-W -188

MAT 7449

(n,p)

74-W -188

Cross Section -100.0 To 2391. %

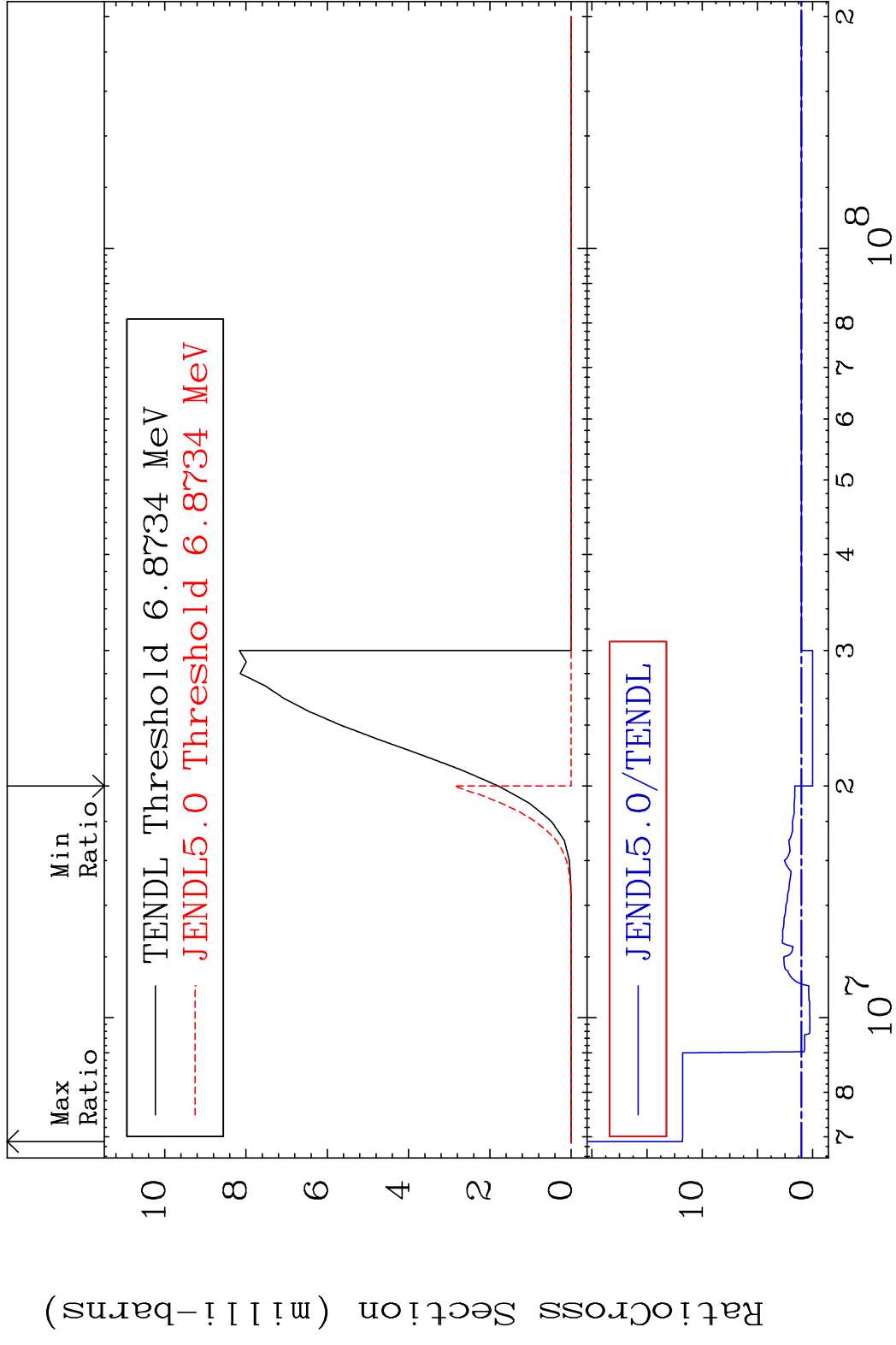


23

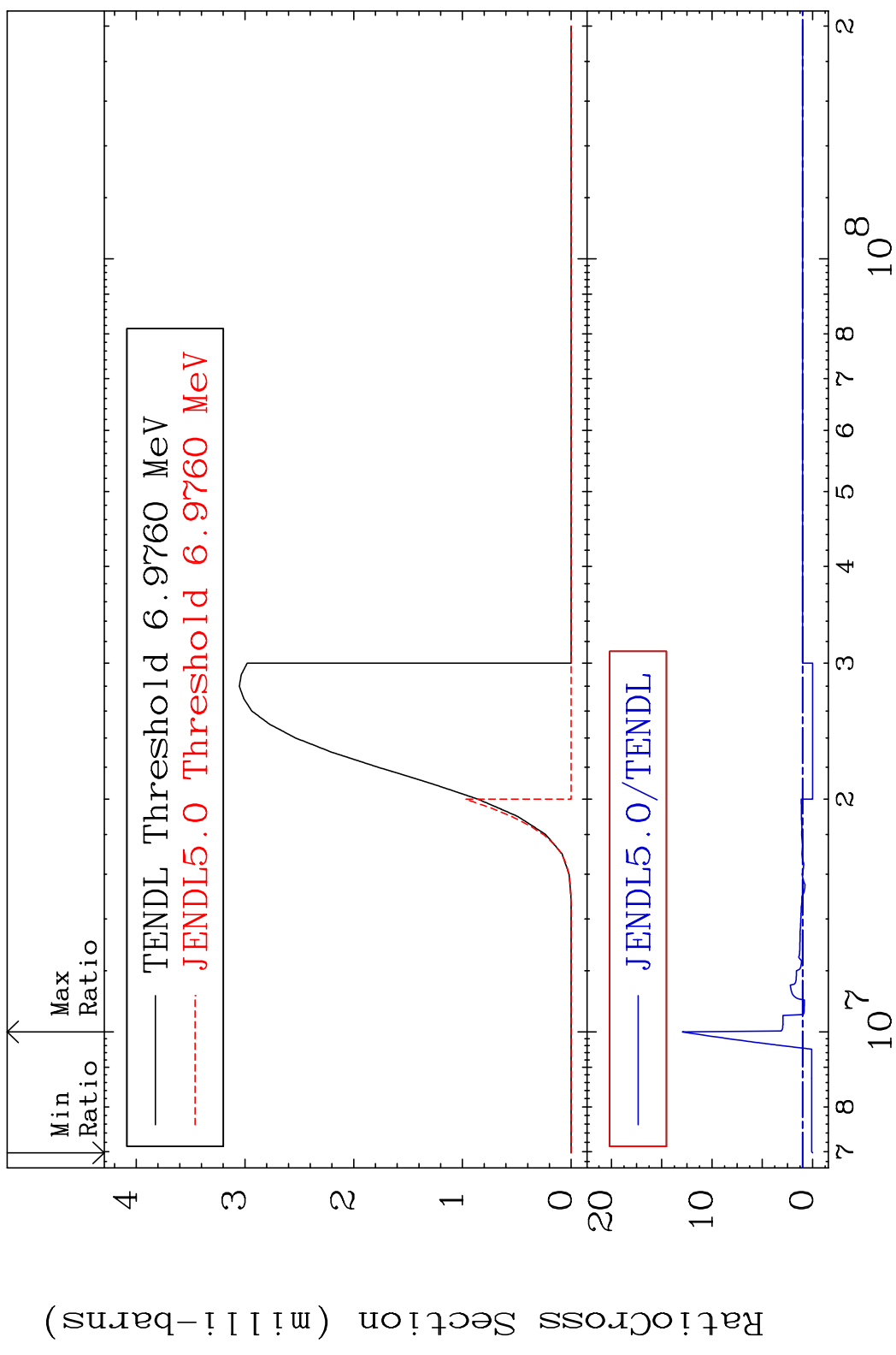
Incident Energy (eV)

74-W -188

MAT 7449 (n,d) 74-W -188
 Cross Section -100.0 To 1080. %



Cross Section -100.0 To 1195. %

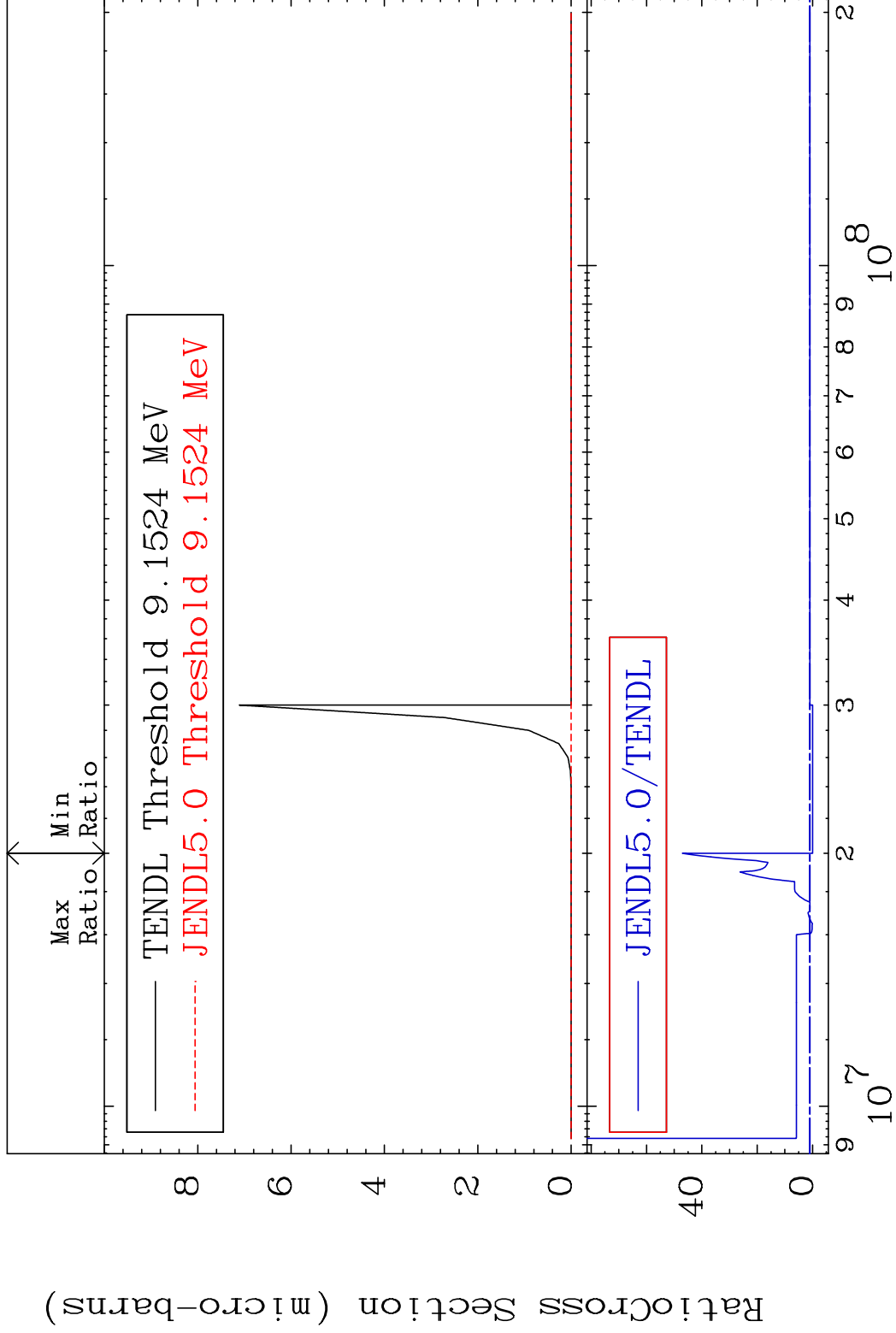


MAT 7449

(n, He-3)

74-W -188

Cross Section -100.0 To 4604. %



26

Incident Energy (eV)

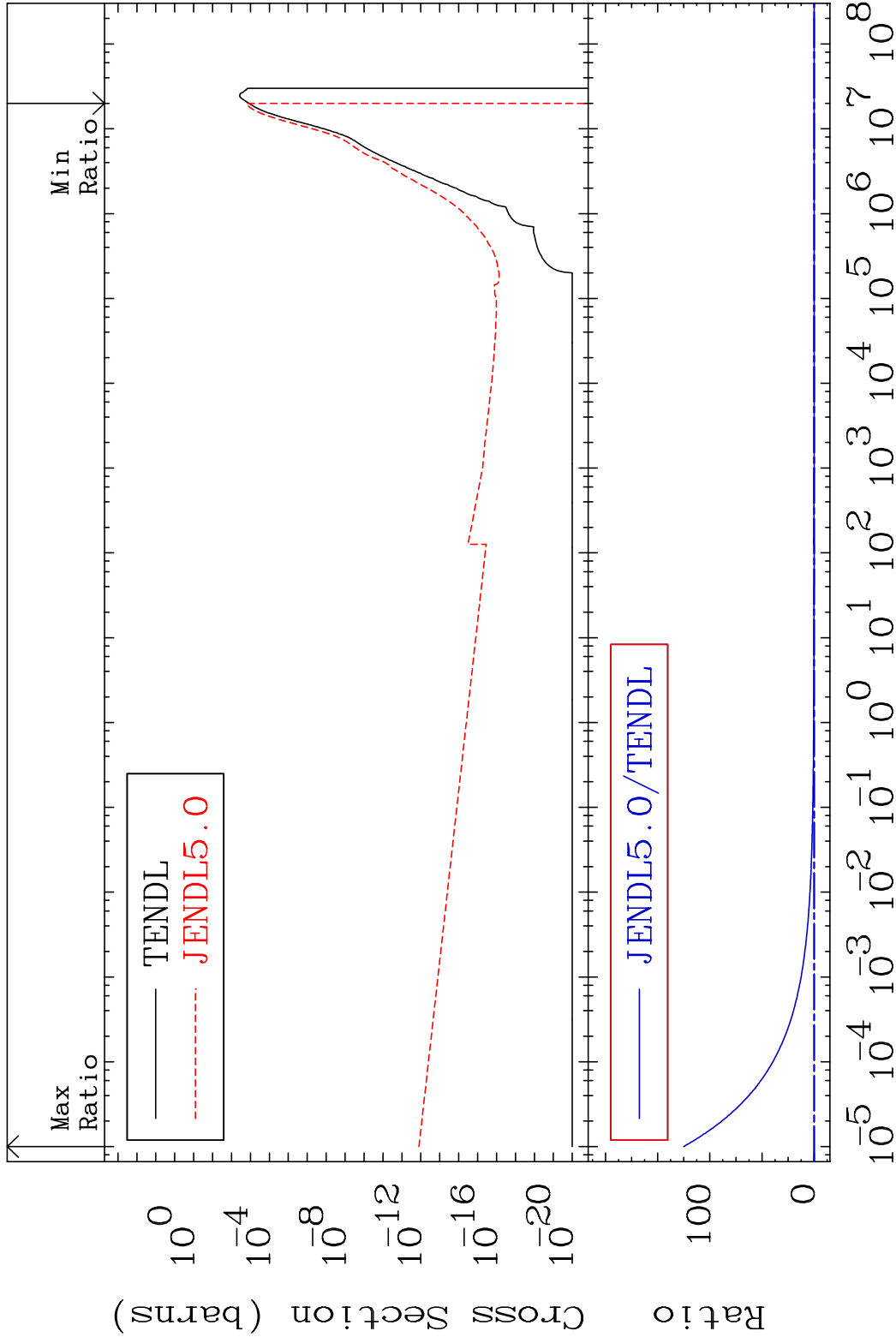
74-W -188

MAT 7449

(n, α)

74-W -188

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

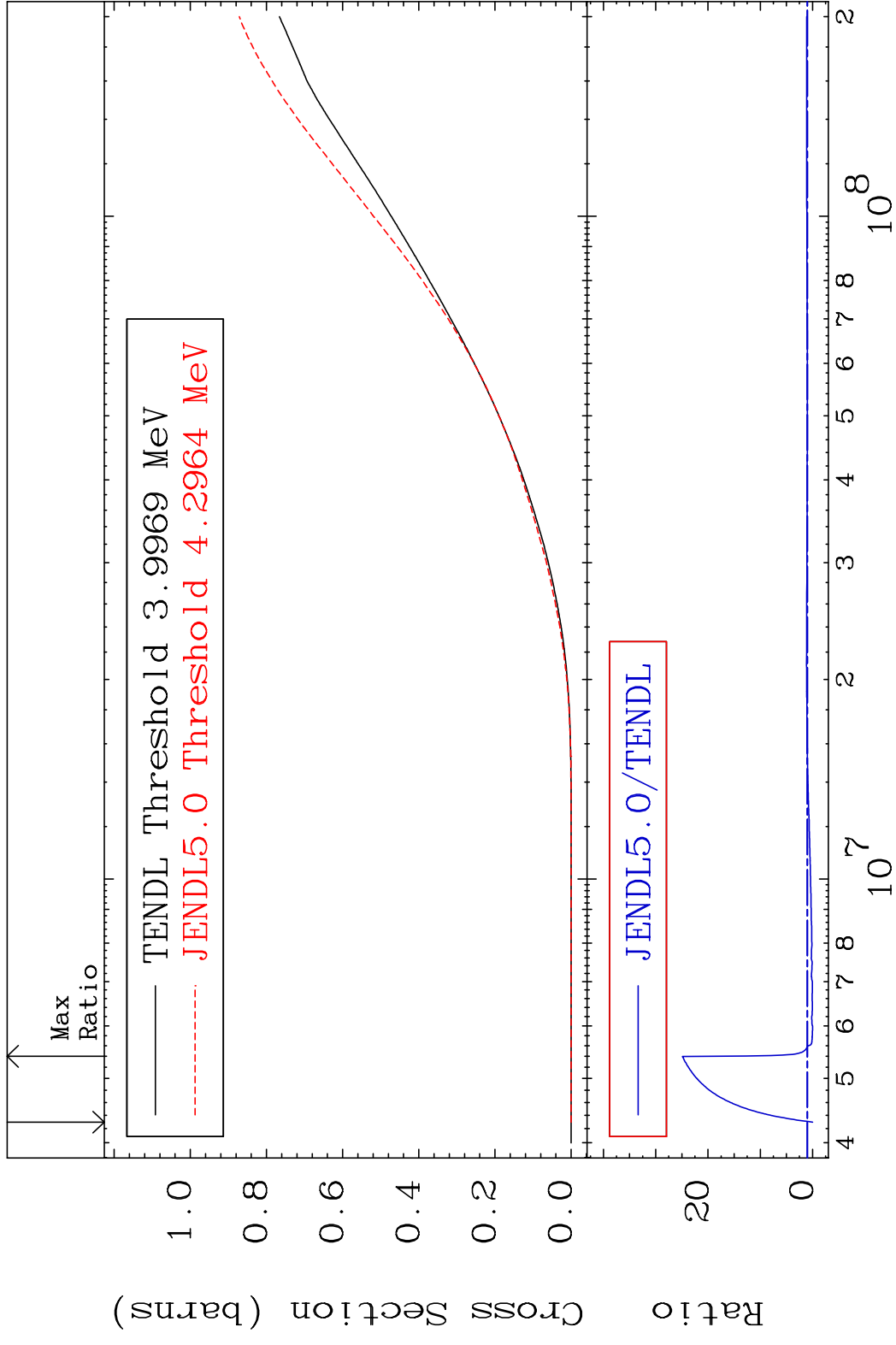
74-W -188

MAT 7449

Hydrogen Production

74-W -188

Cross Section -100.0 To 2391. %



28

Incident Energy (eV)

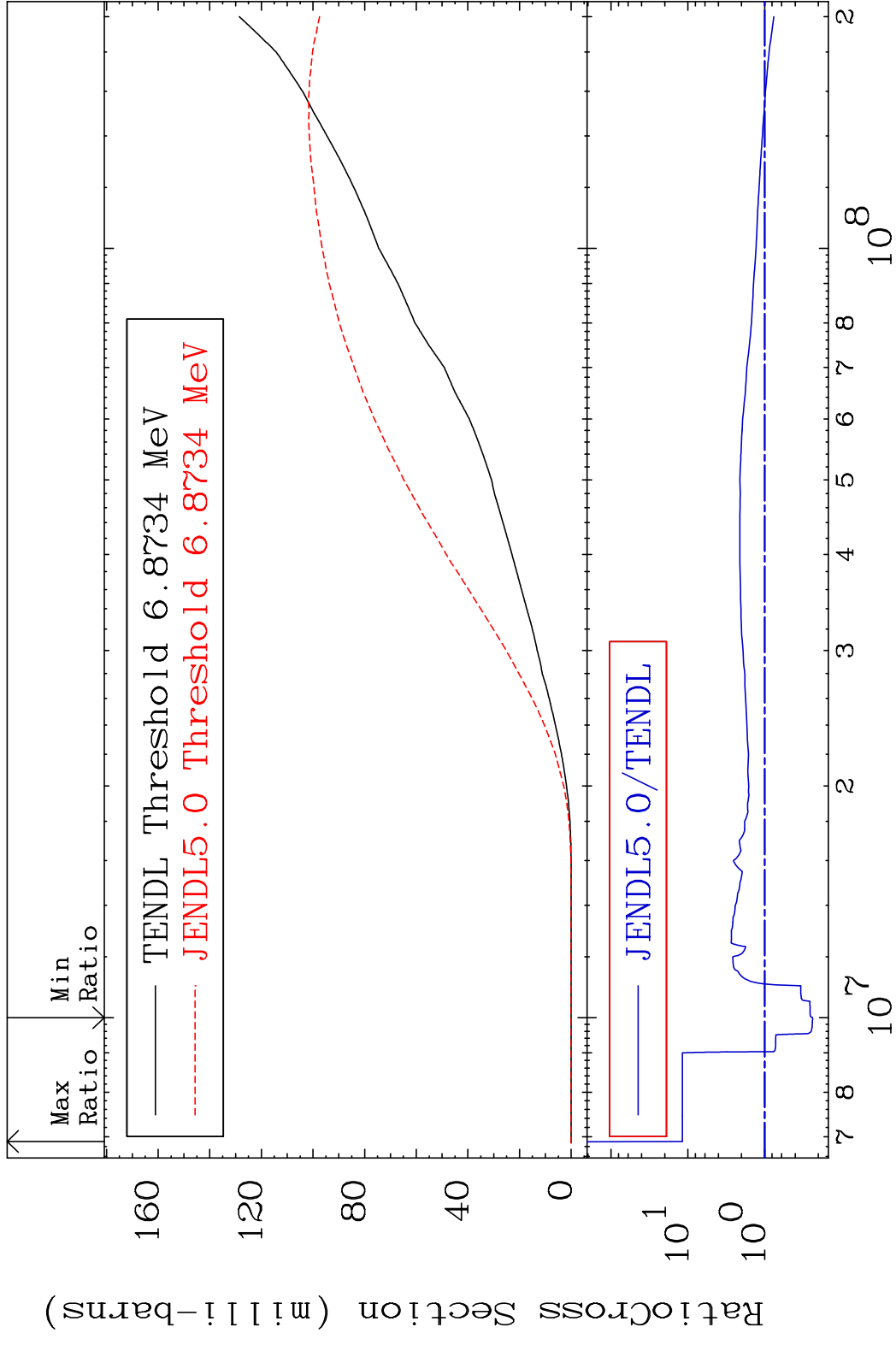
74-W -188

MAT 7449

Deuterium Production

74-W -188

Cross Section -76.21 To 1080. %

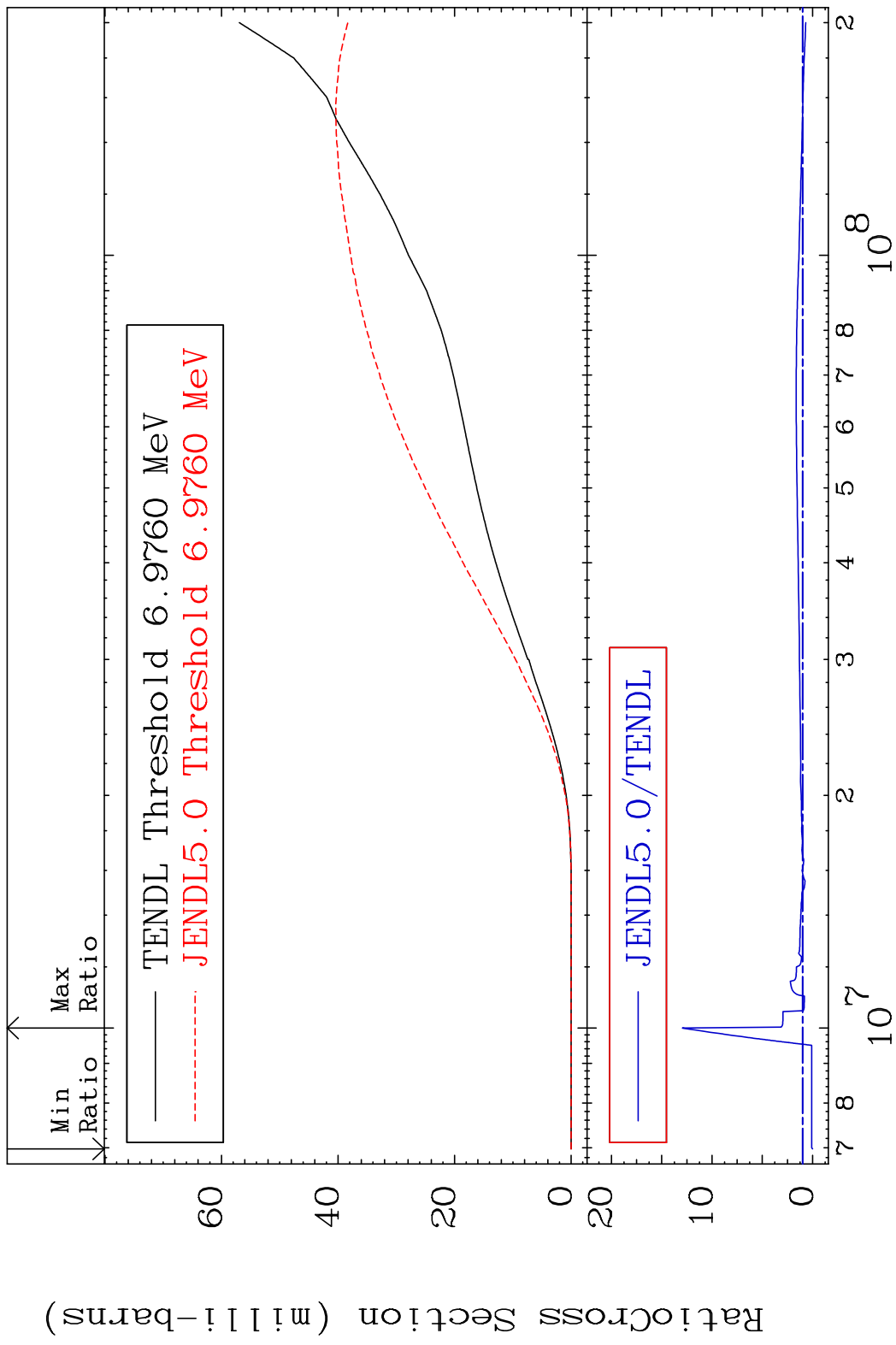


29

Incident Energy (eV)

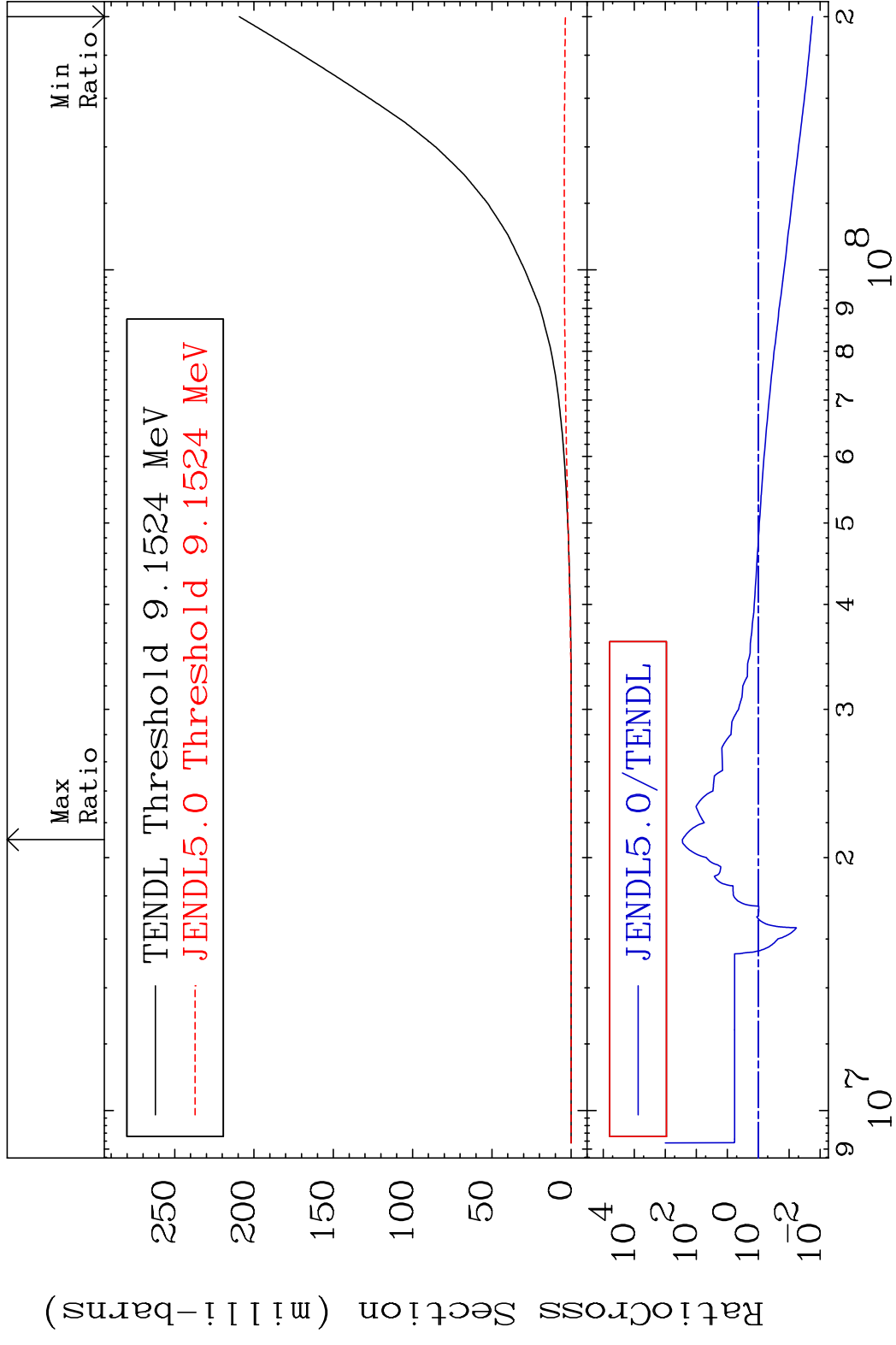
74-W -188

MAT 7449 Tritium Production 74-W -188
 Cross Section -100.0 To 1195. %



30 Incident Energy (eV) 74-W -188

MAT 7449 He-3 Production 74-W -188
 Cross Section -98.24 To 9999. %

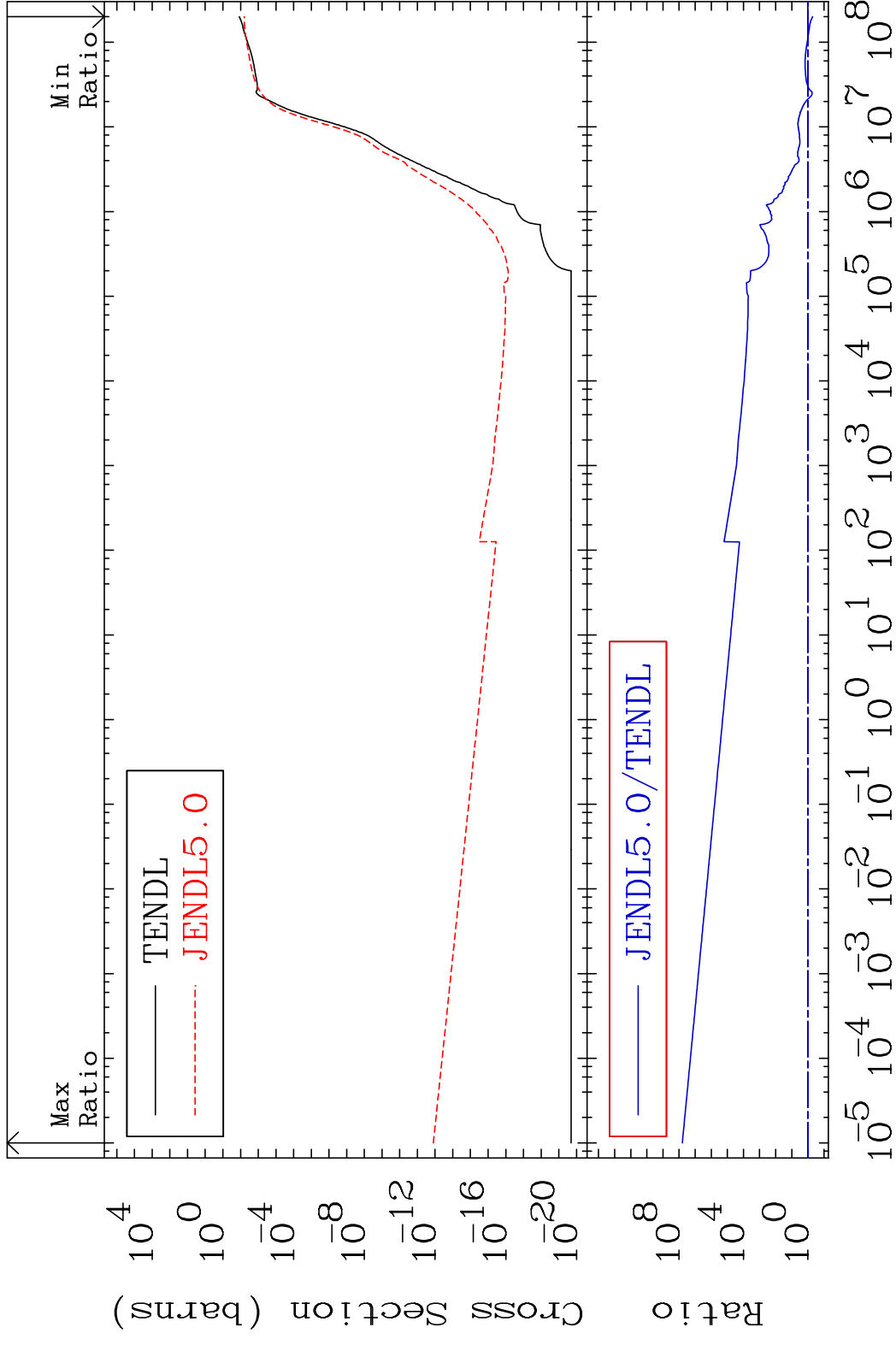


MAT 7449

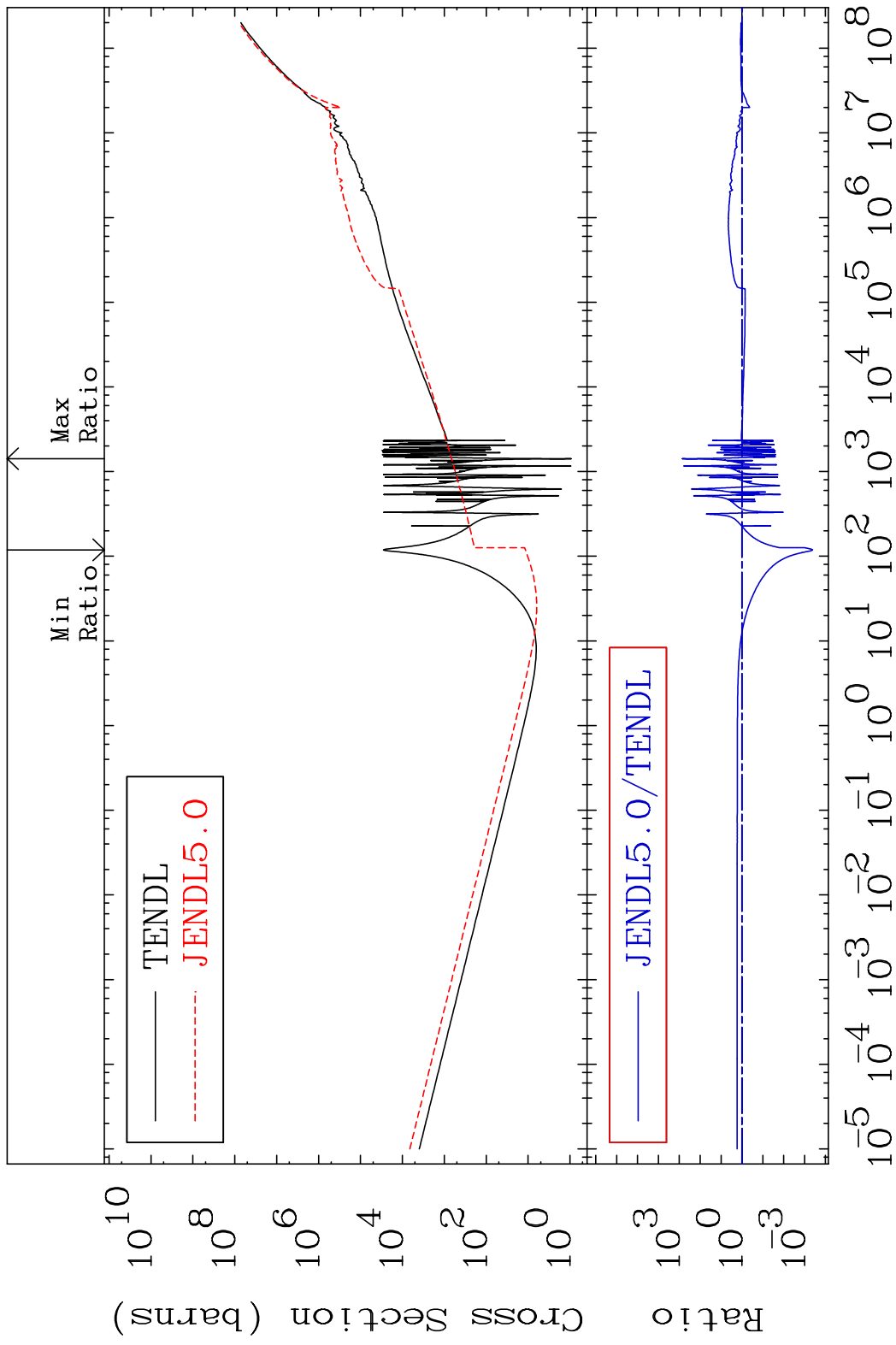
He-4 Production

74-W -188

Cross Section -48.71 To 9999. %

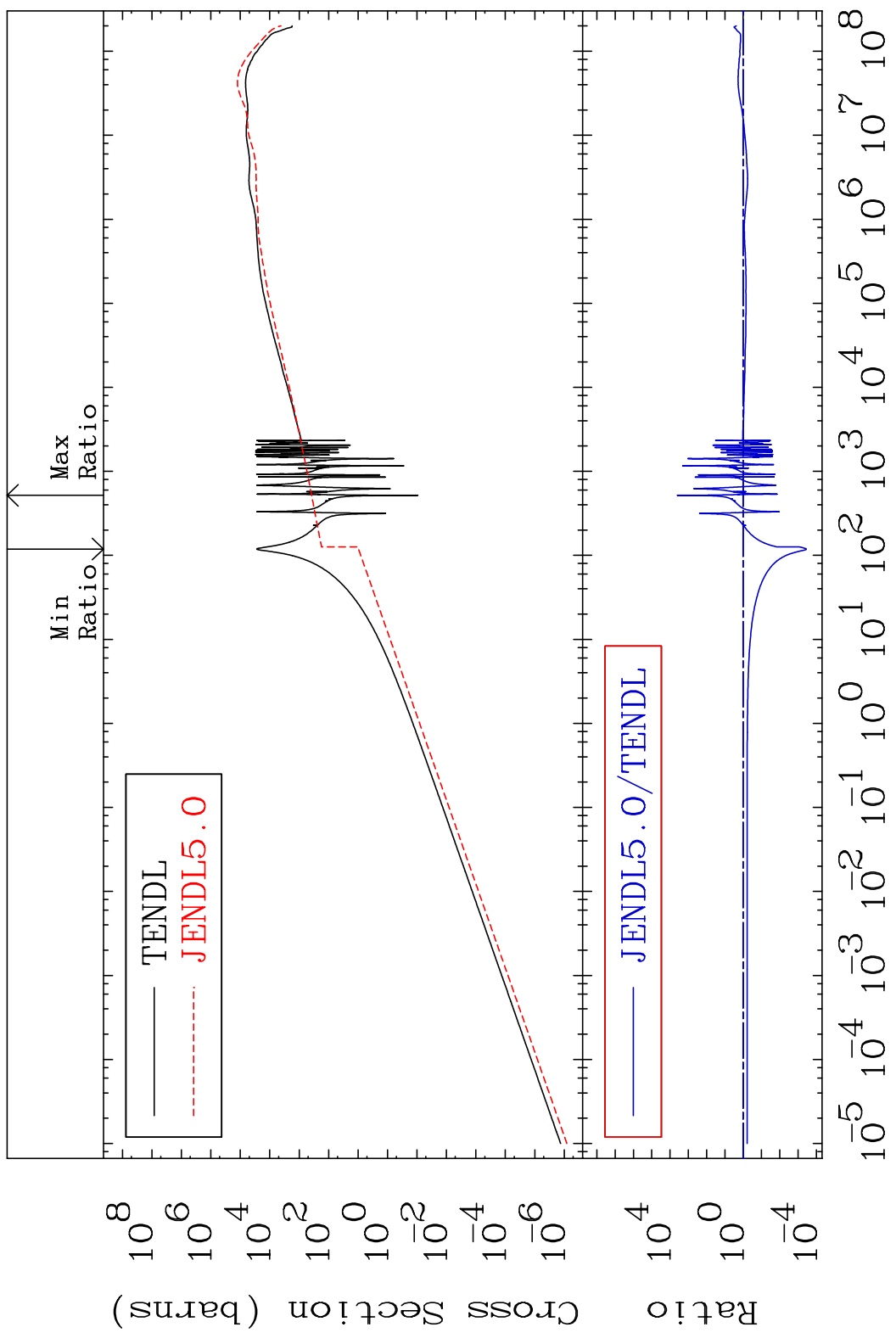


MAT 7449 Kerma total (eV-barns) 74-W -188
 Cross Section -99.96 To 9999. %

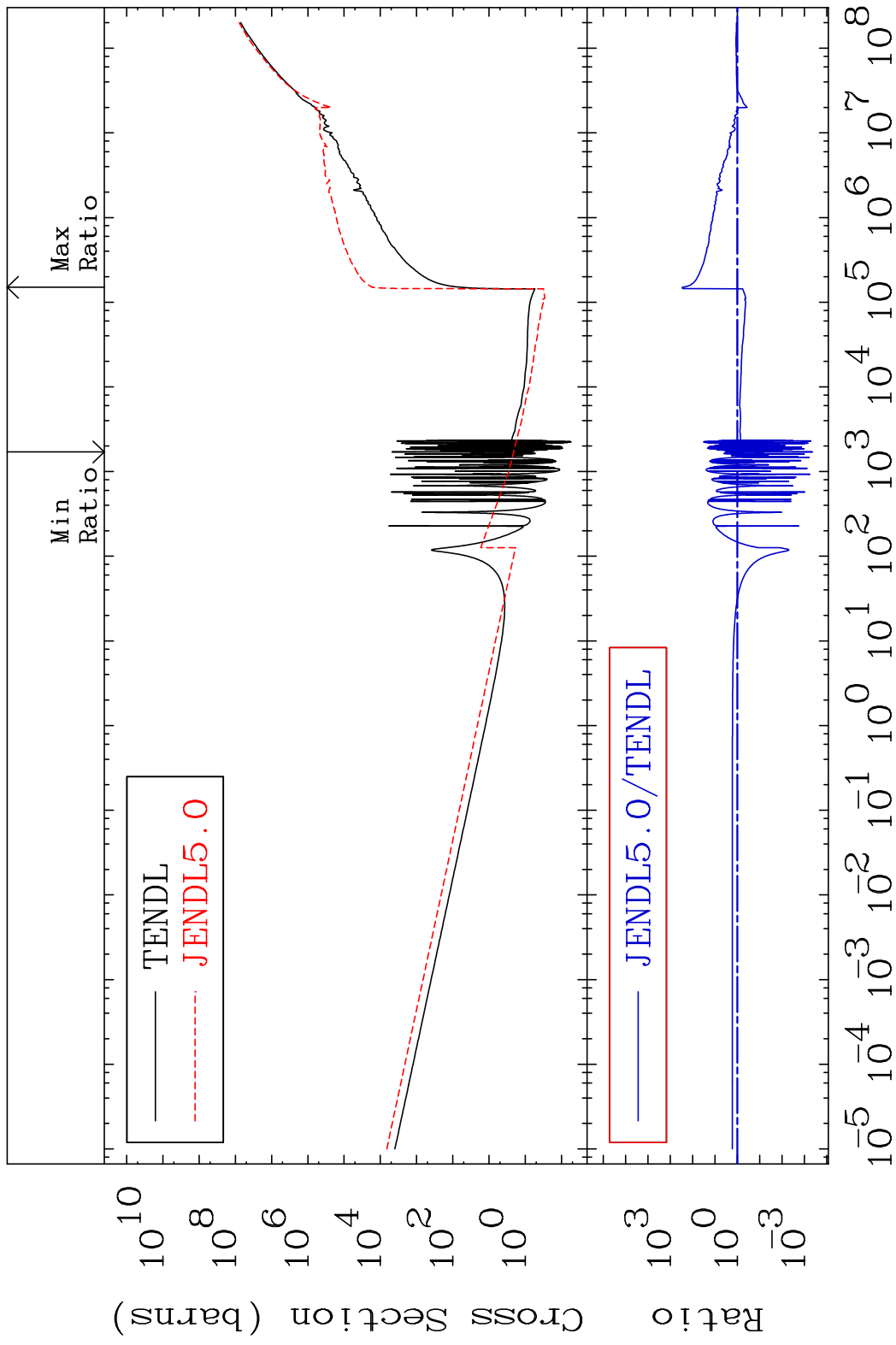


MAT 7449

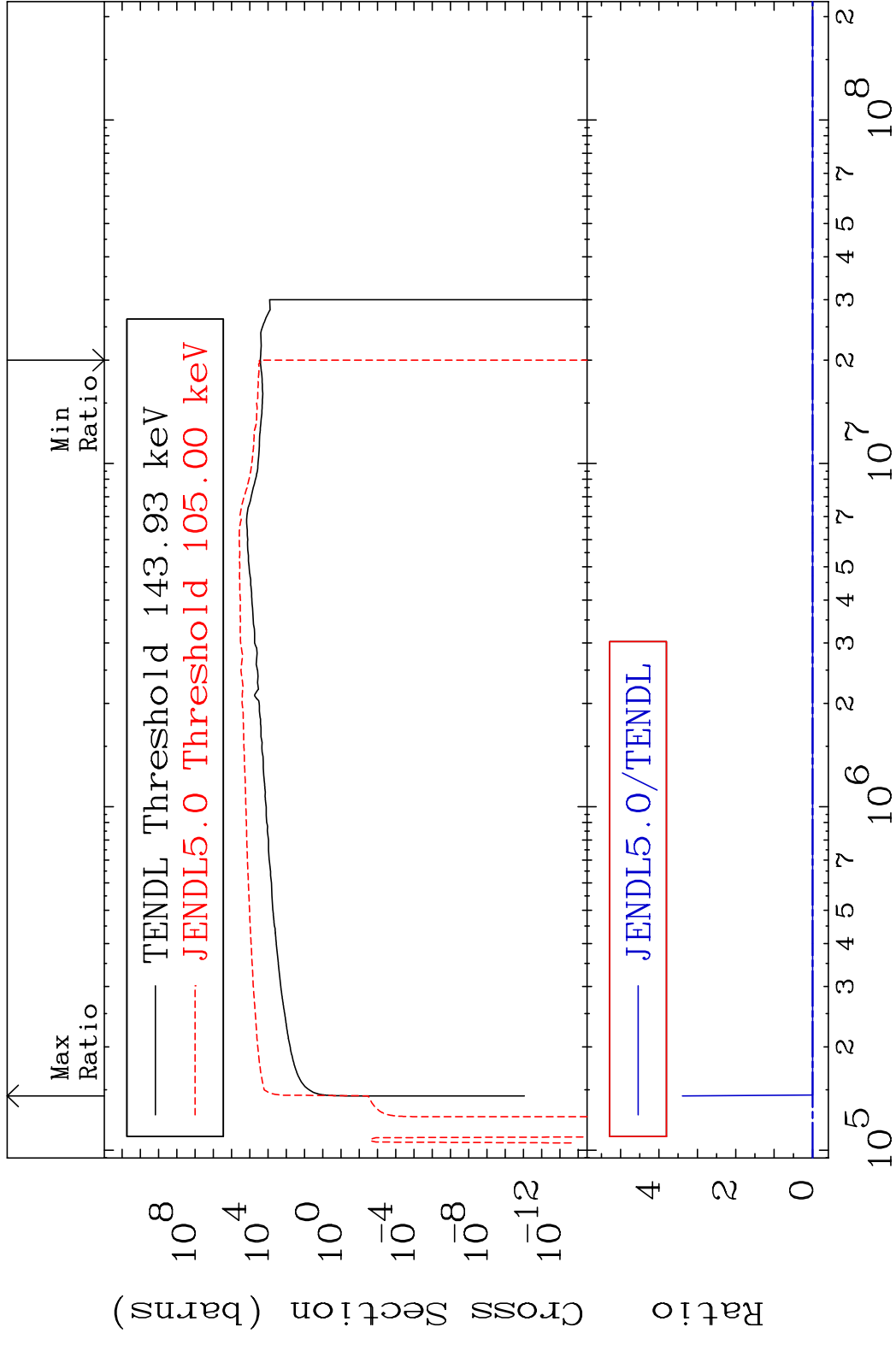
Kerma elastic Cross Section -99.97 To 9999. %
74-W -188



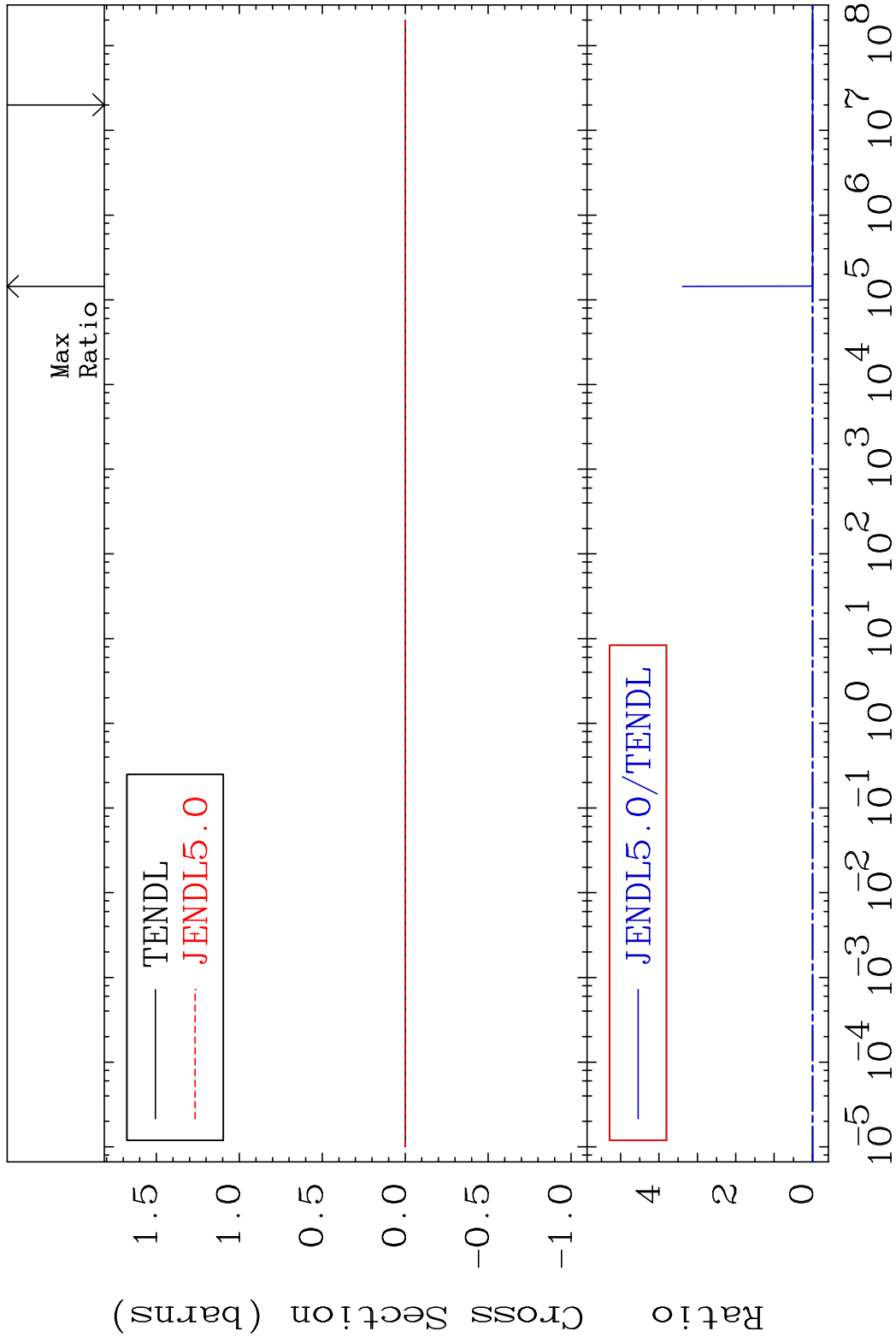
MAT 7449 Kerma non-elastic (all but mt2) 74-W -188
 Cross Section -99.96 To 9999. %



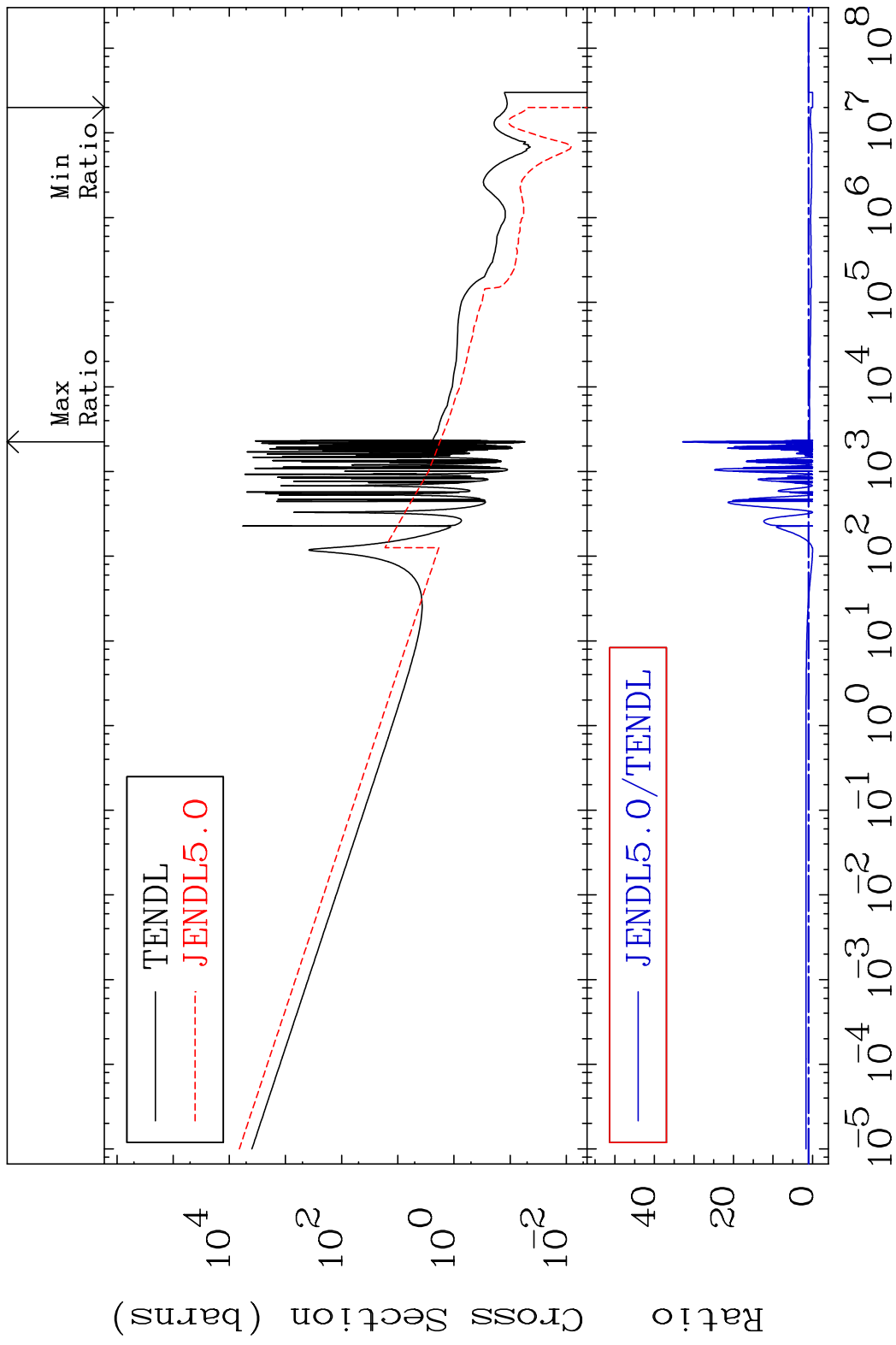
MAT 7449 Kerma inelastic (mt51-91) 74-W -188
 Cross Section -100.0 To 9999. %



MAT 7449 Kerma fission (mt18 or mt19-20-21-38) 74-W -188
 Cross Section -100.0 To 9999. %

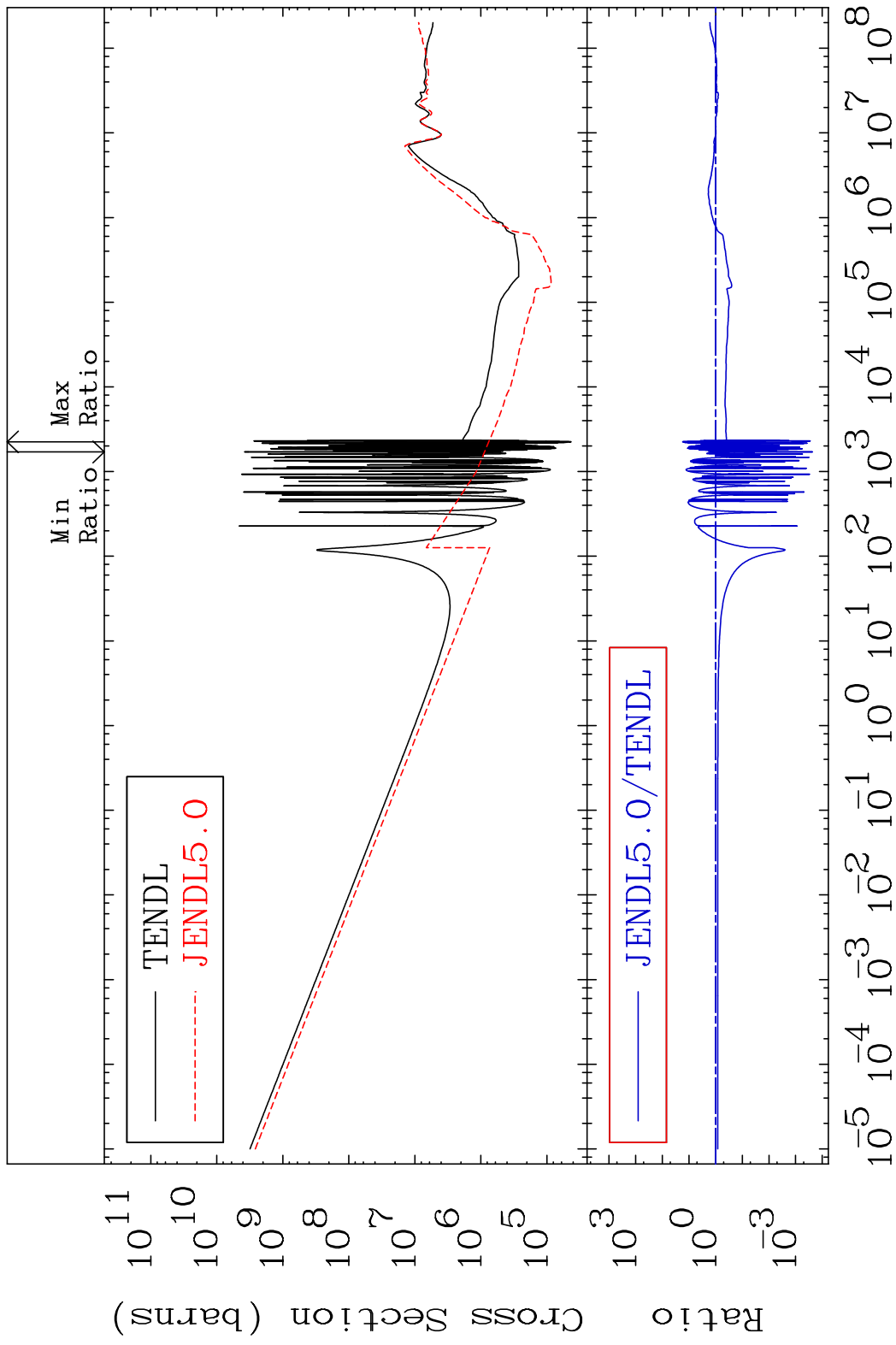


MAT 7449 Kerma capture (mt102) 74-W -188
 Cross Section -100.0 To 3193. %



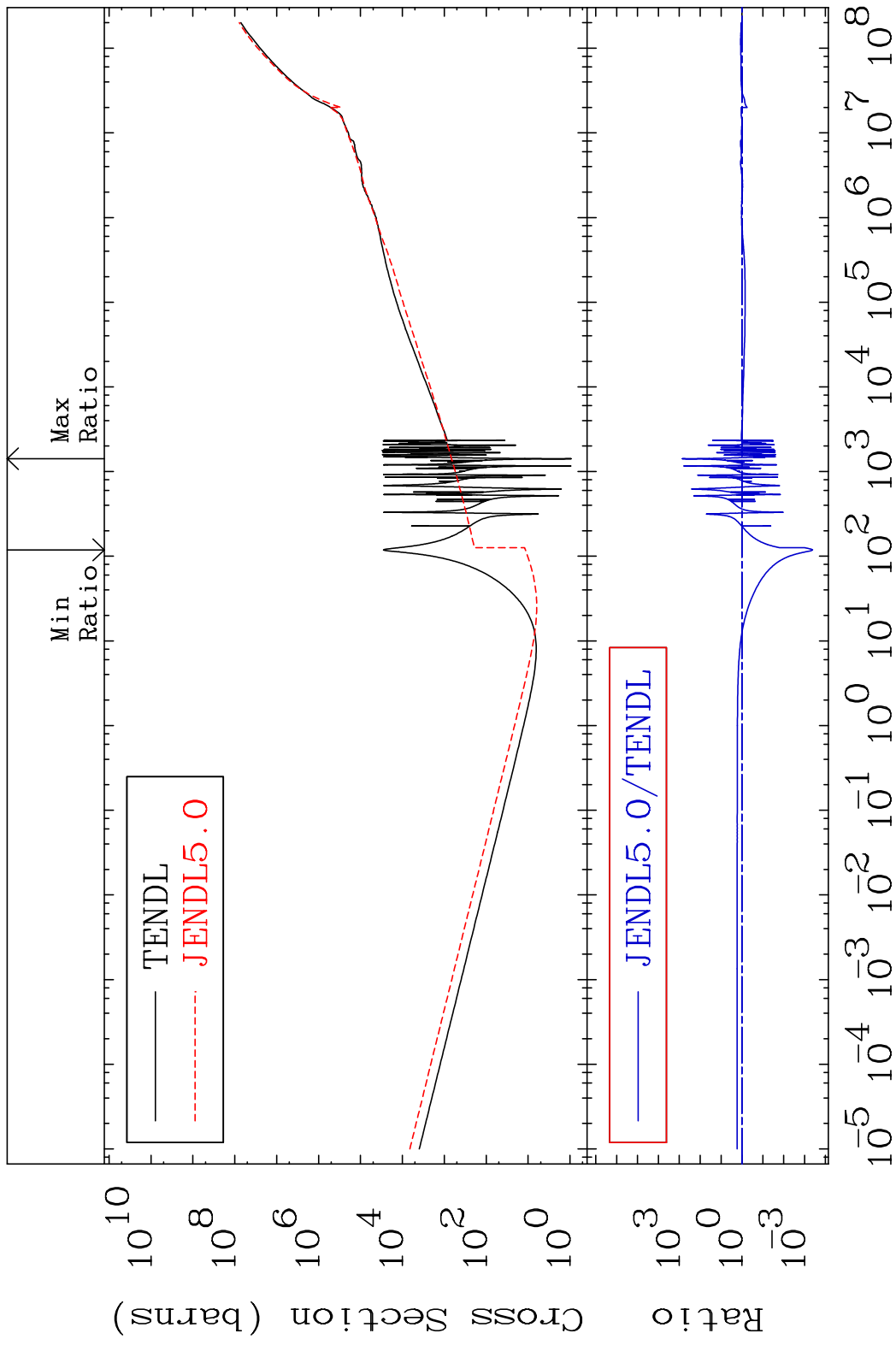
38 Incident Energy (eV) 74-W -188

MAT 7449 Total photon (eV-barns) 74-W -188
Cross Section -99.98 To 1672. %

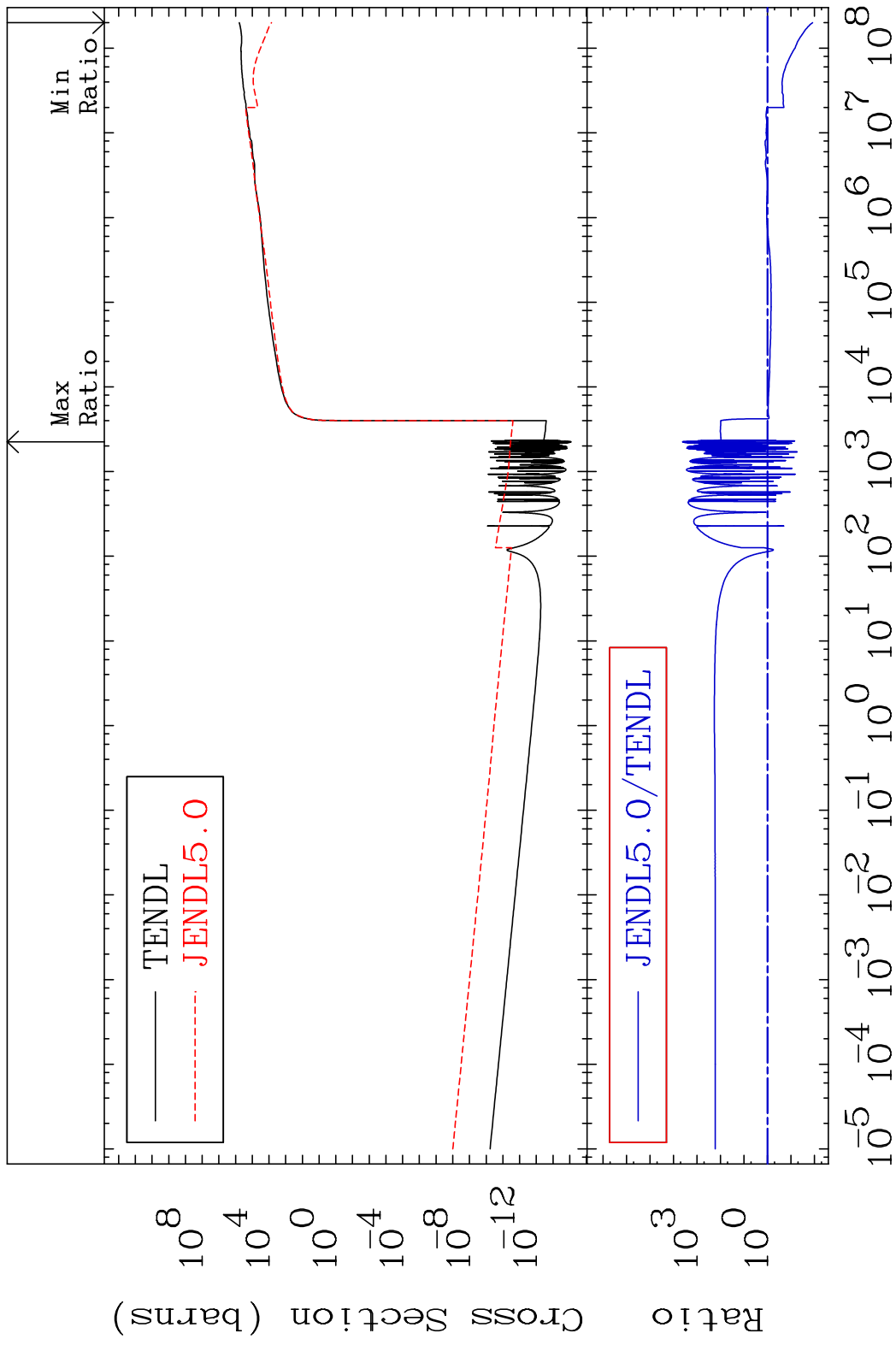


39 Incident Energy (eV) 74-W -188

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 -98.80 To 9999. %

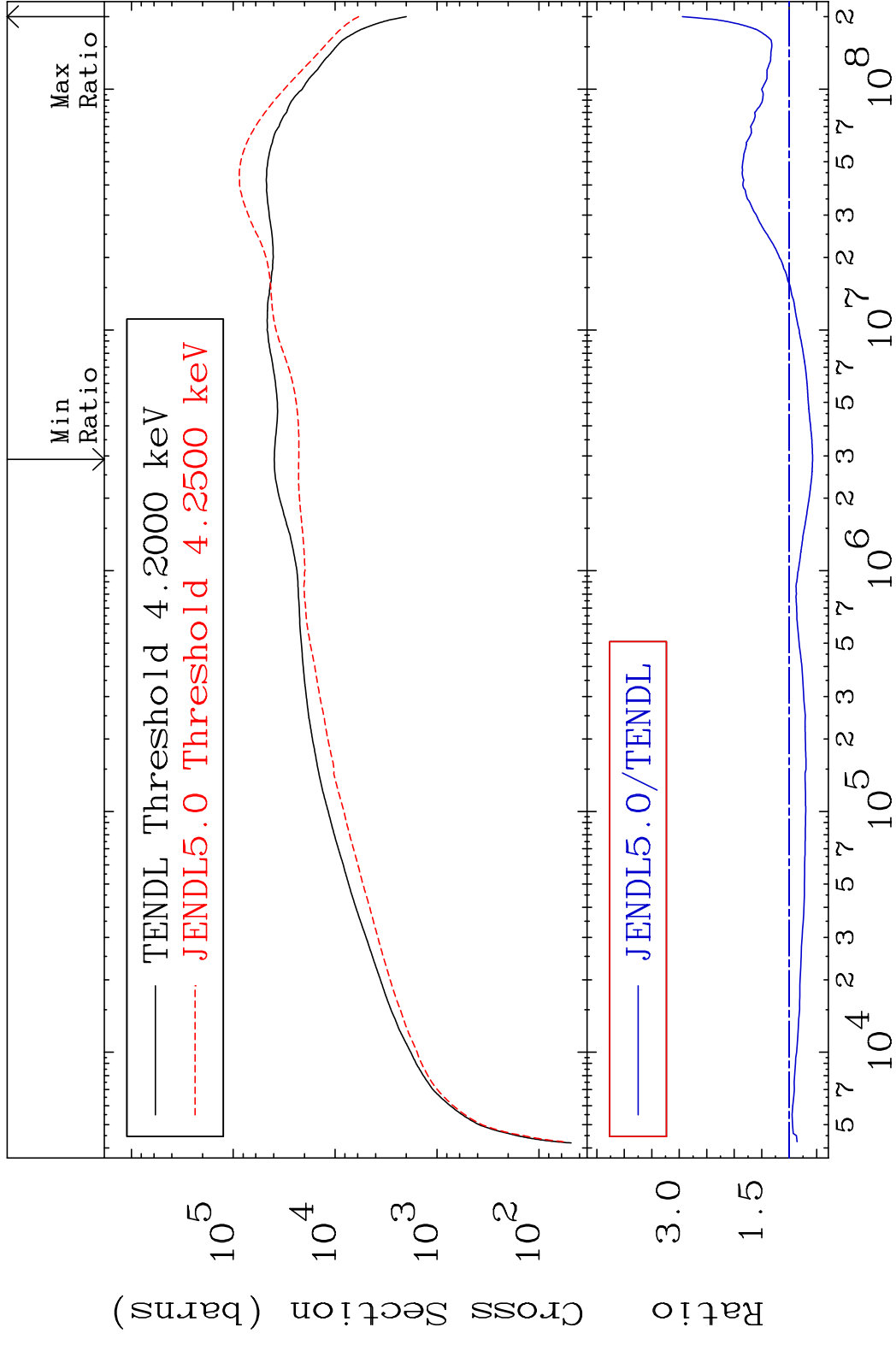


MAT 7449

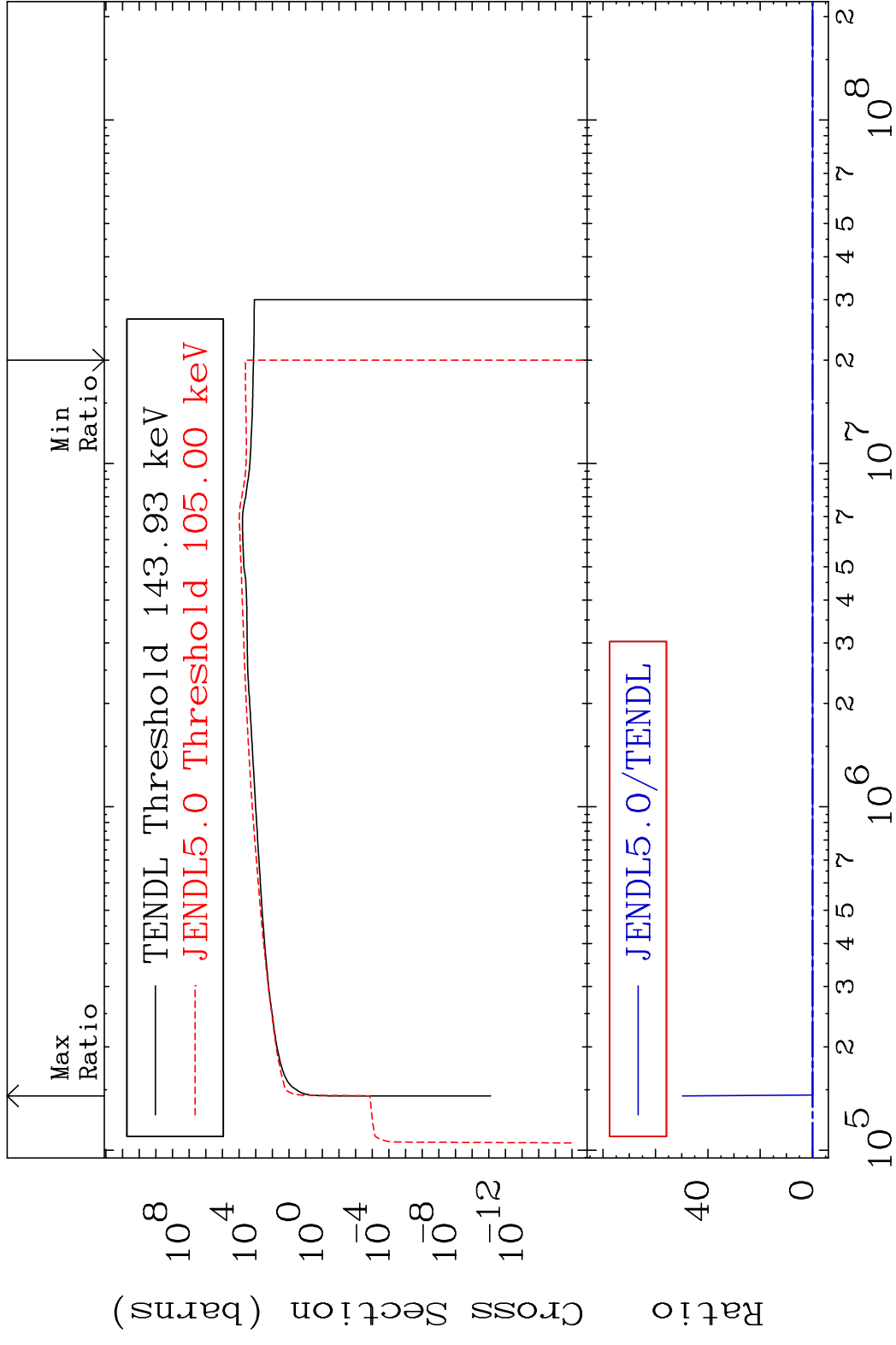
Dpa elastic (mt2)

74-W -188

Cross Section -42.46 To 194.4 %

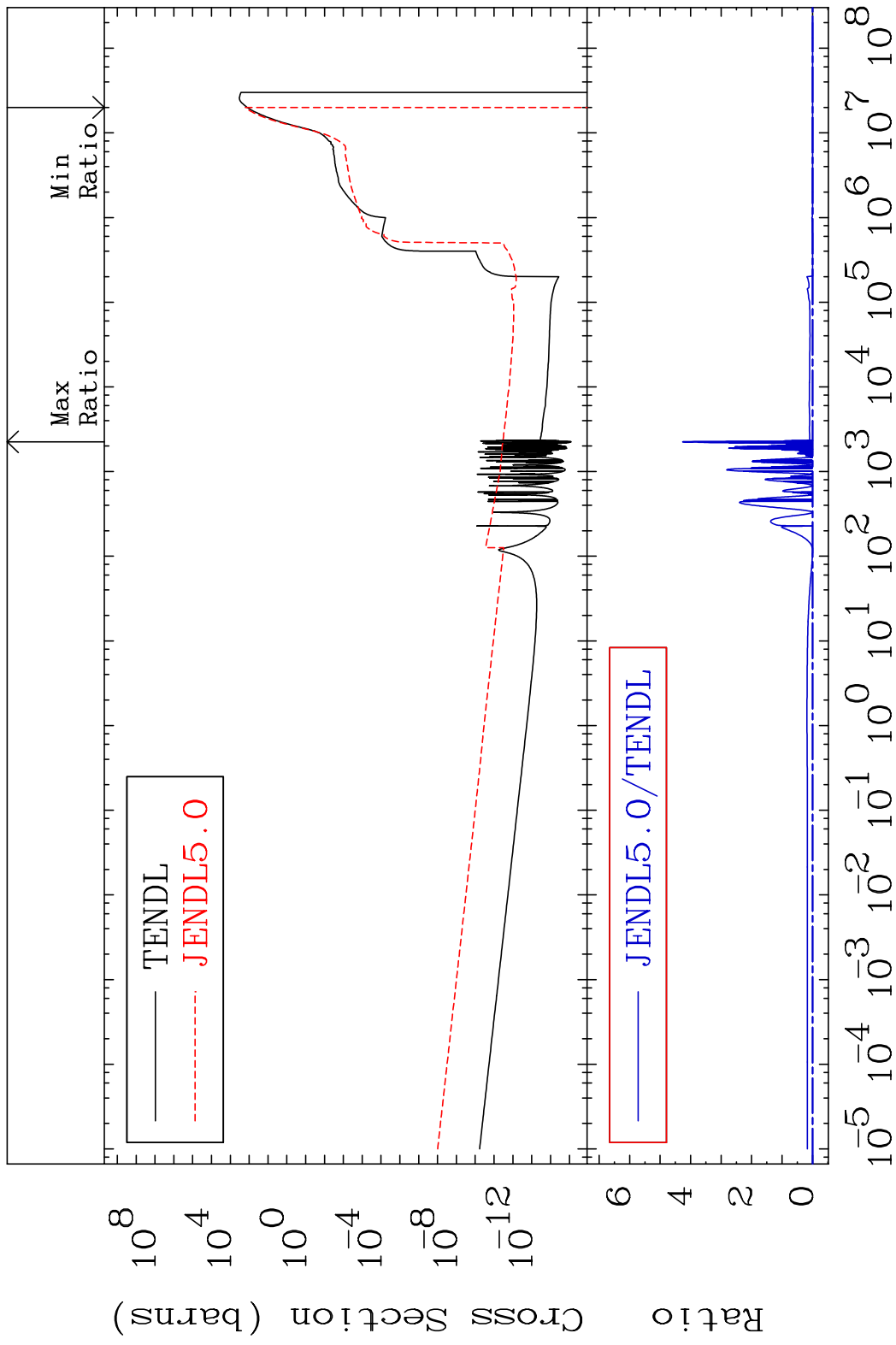


MAT 7449 Dpa inelastic (mt51-91) 74-W -188
 Cross Section -100.0 To 9999. %



43 Incident Energy (eV) 74-W -188

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



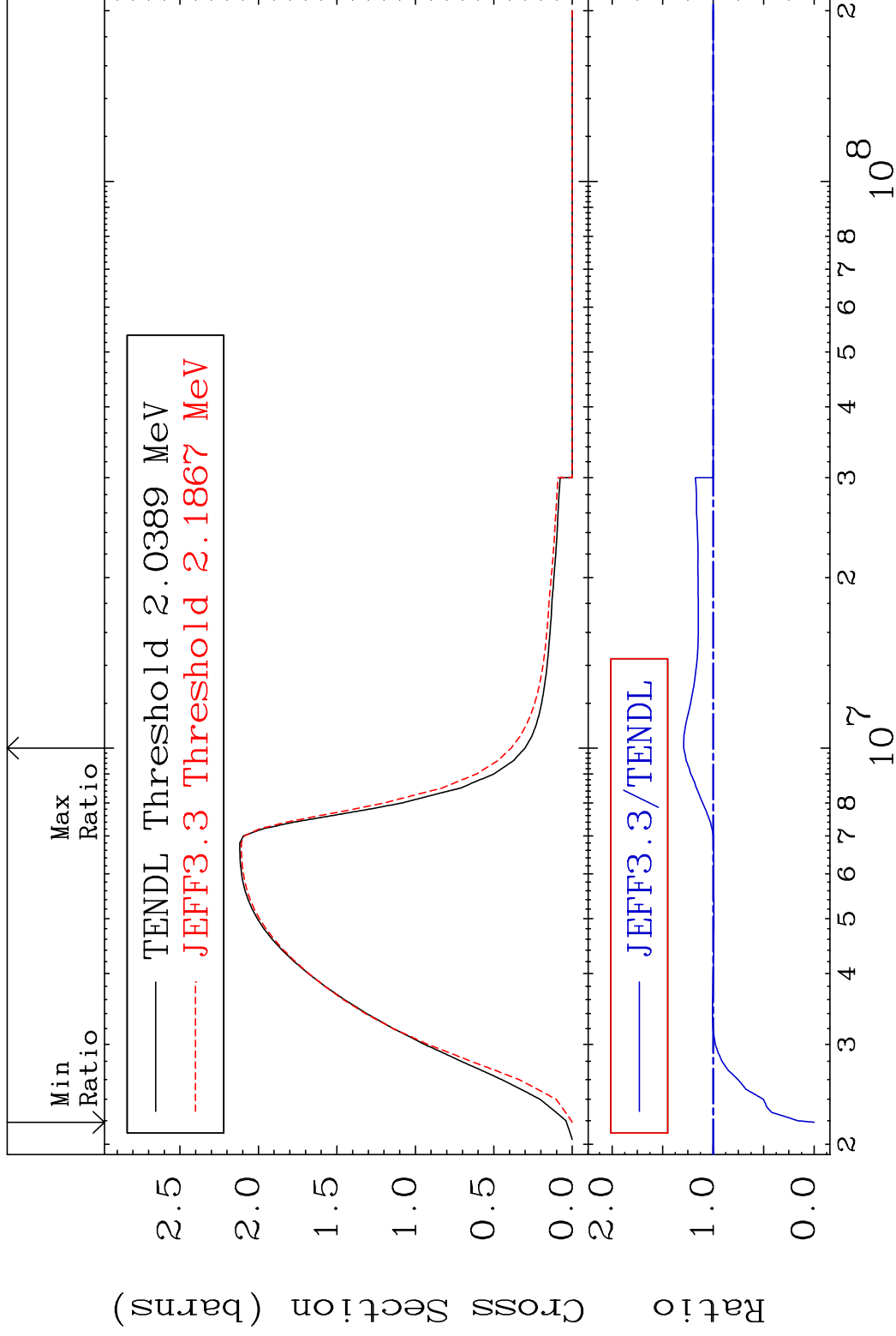
44 Incident Energy (eV) 74-W -188

MAT 7449

(n,n') Continuum

74-W -188

Cross Section -100.0 To 29.16 %



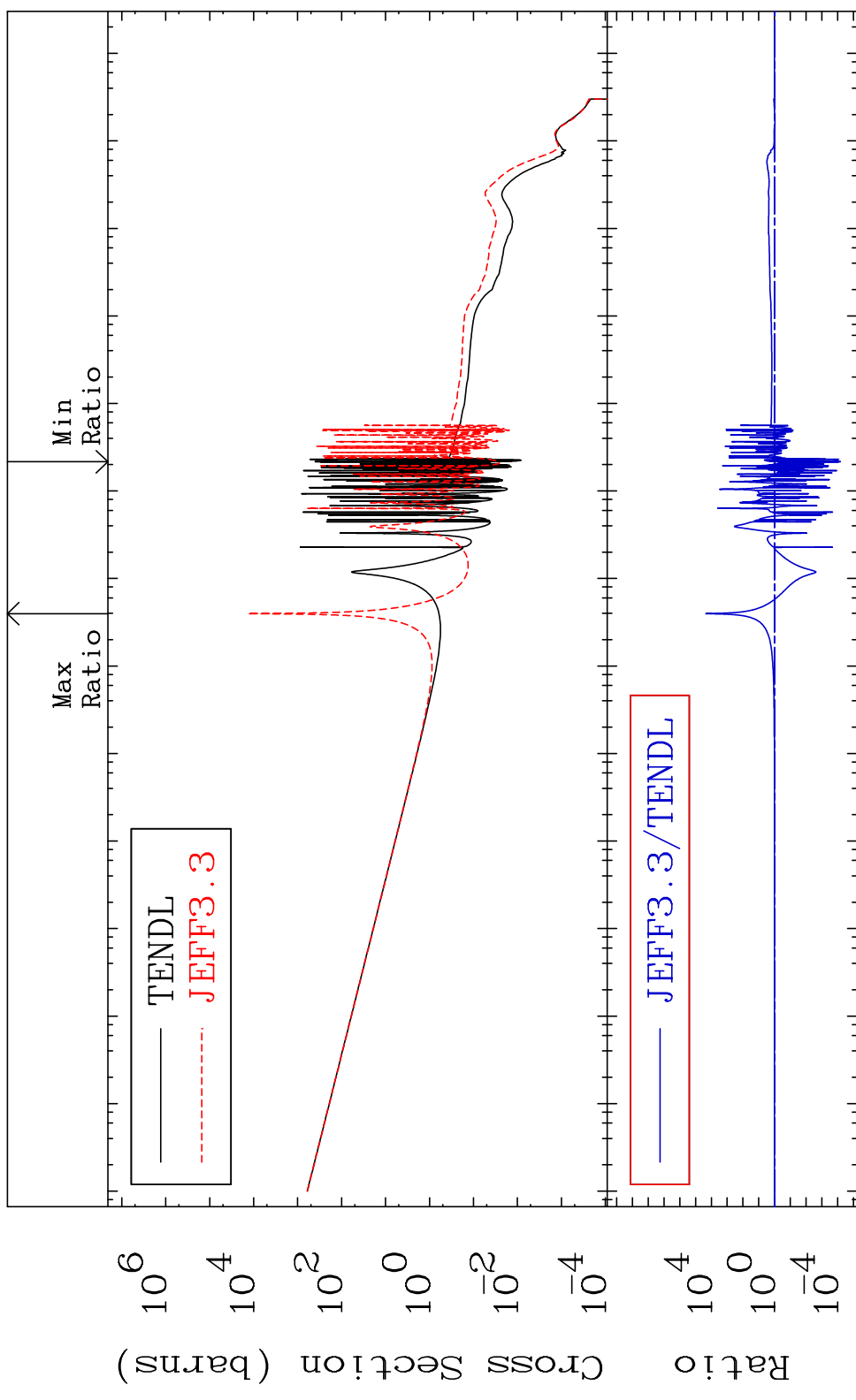
45

Incident Energy (eV)

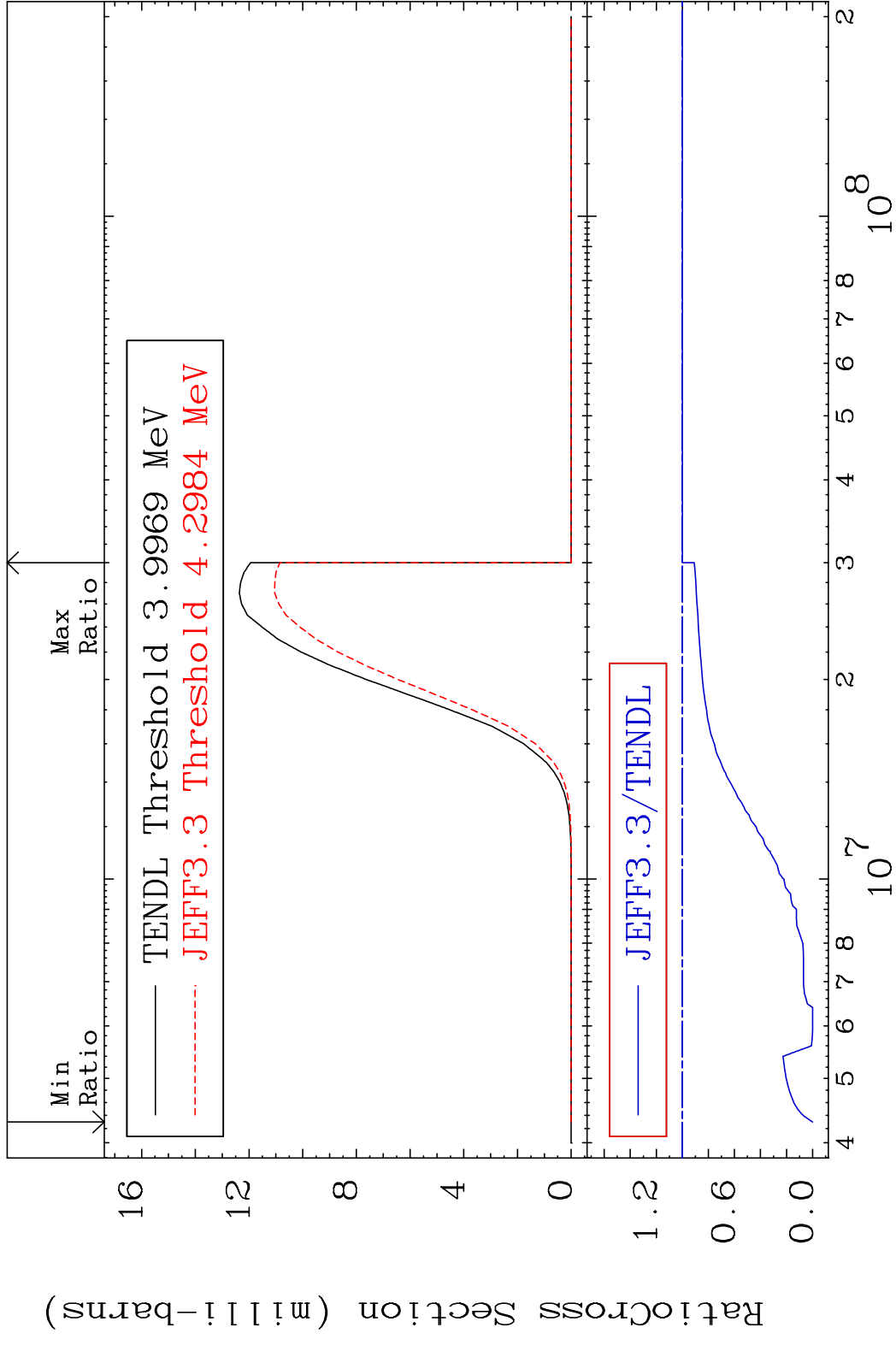
74-W -188

MAT 7449

(n, γ)
Cross Section -99.99 To 9999. %
74-W -188



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

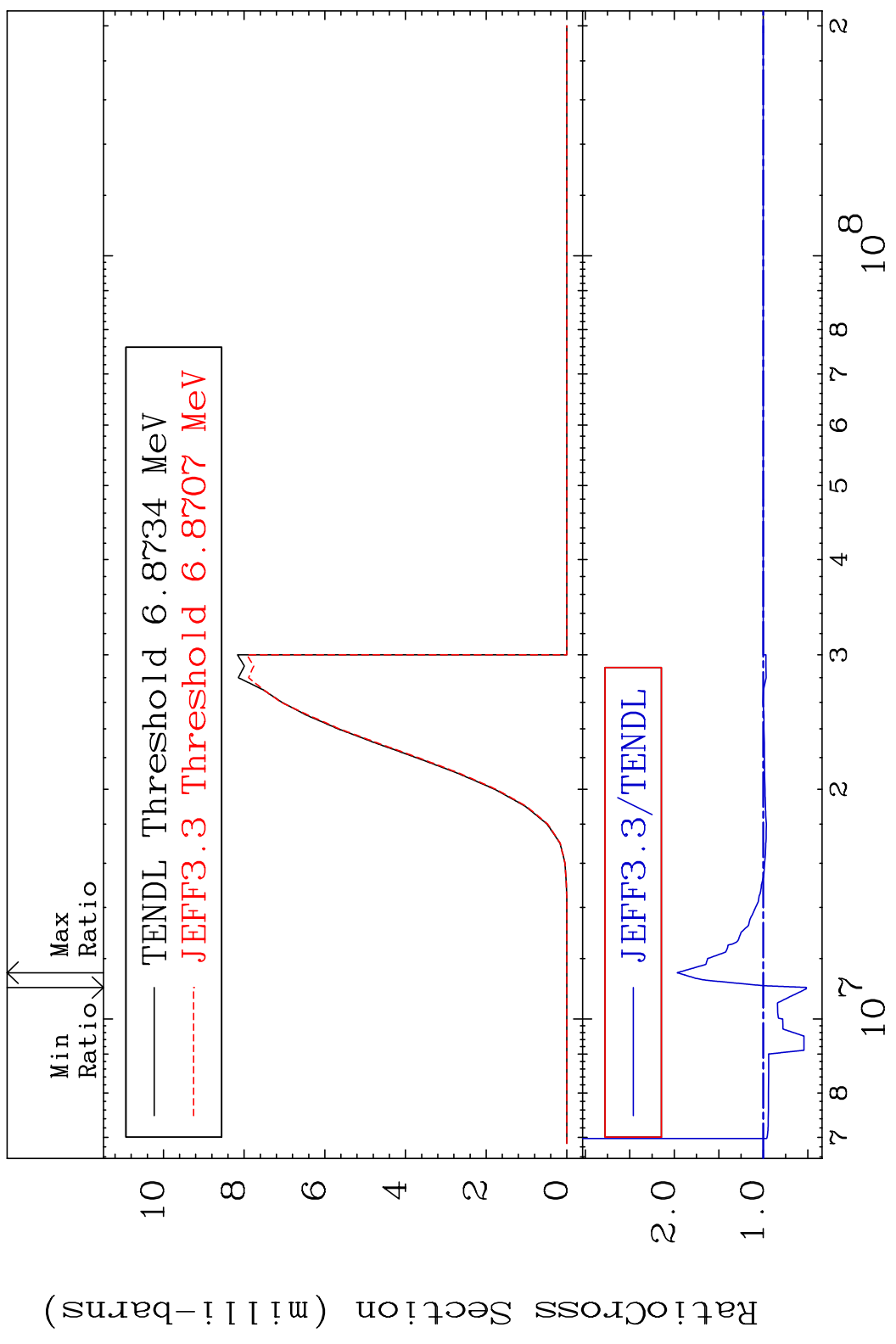


MAT 7449

(n, d)

74-W -188

Cross Section -48.44 To 96.73 %



48

Incident Energy (eV)

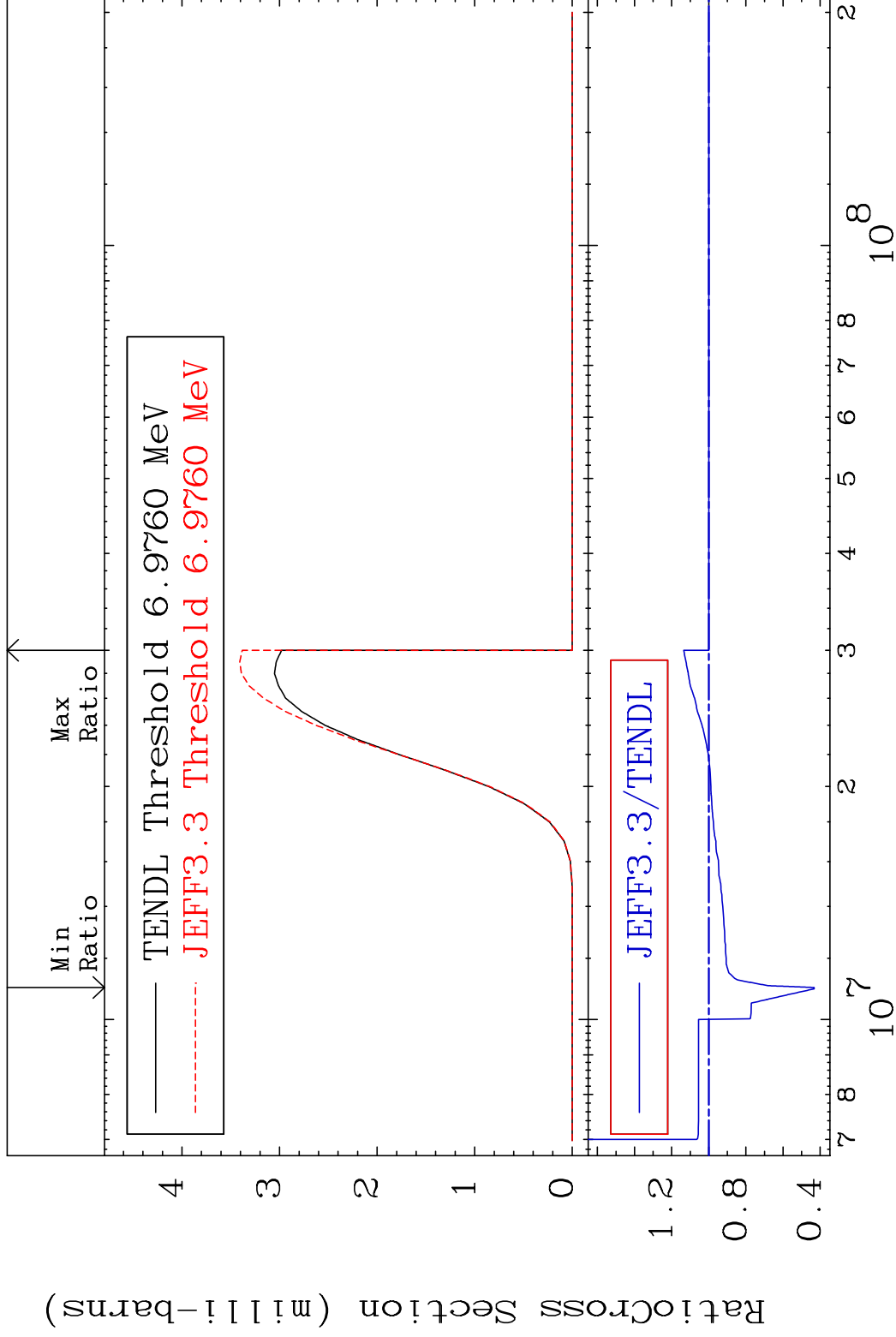
74-W -188

MAT 7449

(n, t)

74-W -188

Cross Section -56.72 To 13.55 %



49

Incident Energy (eV)

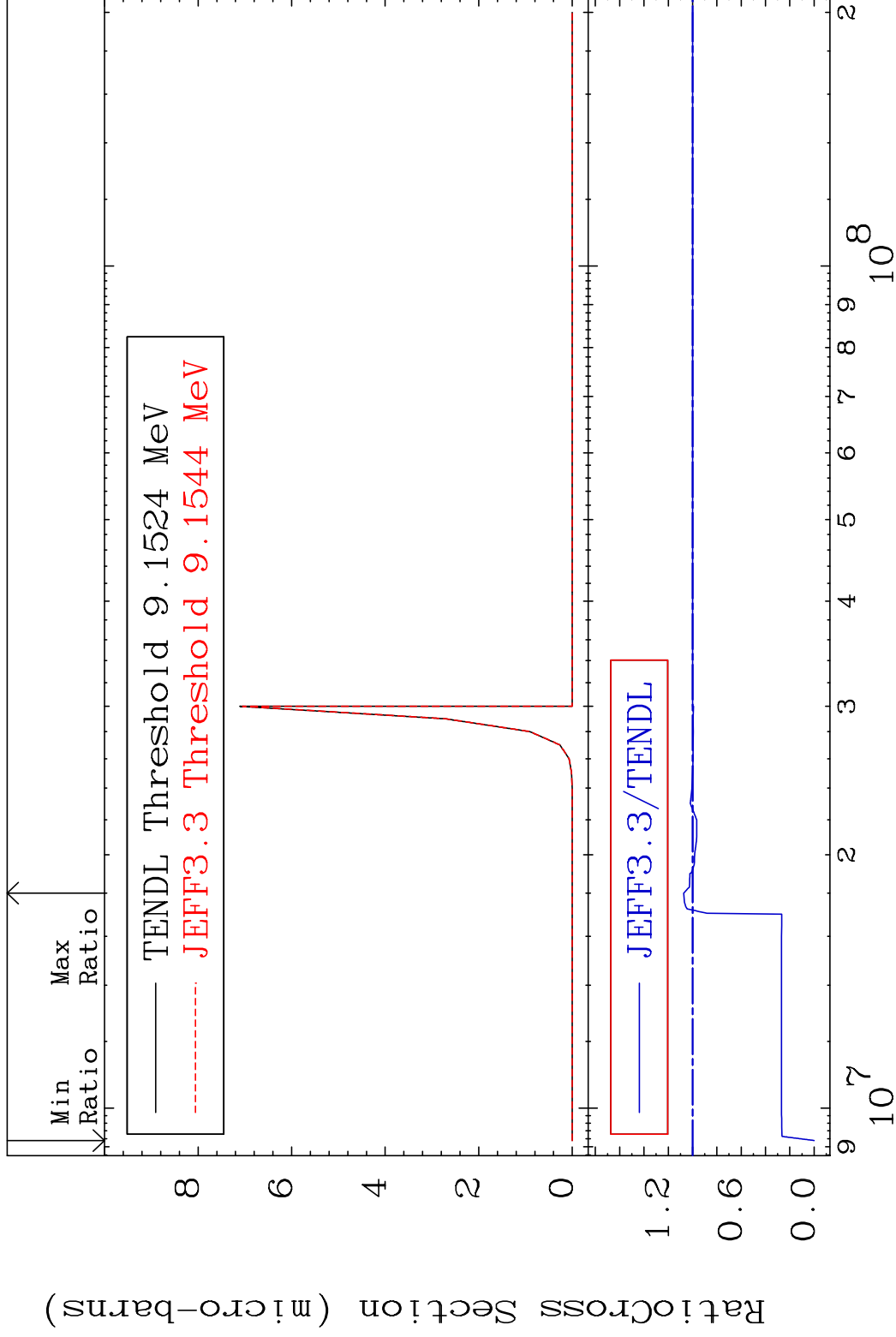
74-W -188

MAT 7449

(n, He-3)

74-W -188

Cross Section -100.0 To 7.339 %



50

Incident Energy (eV)

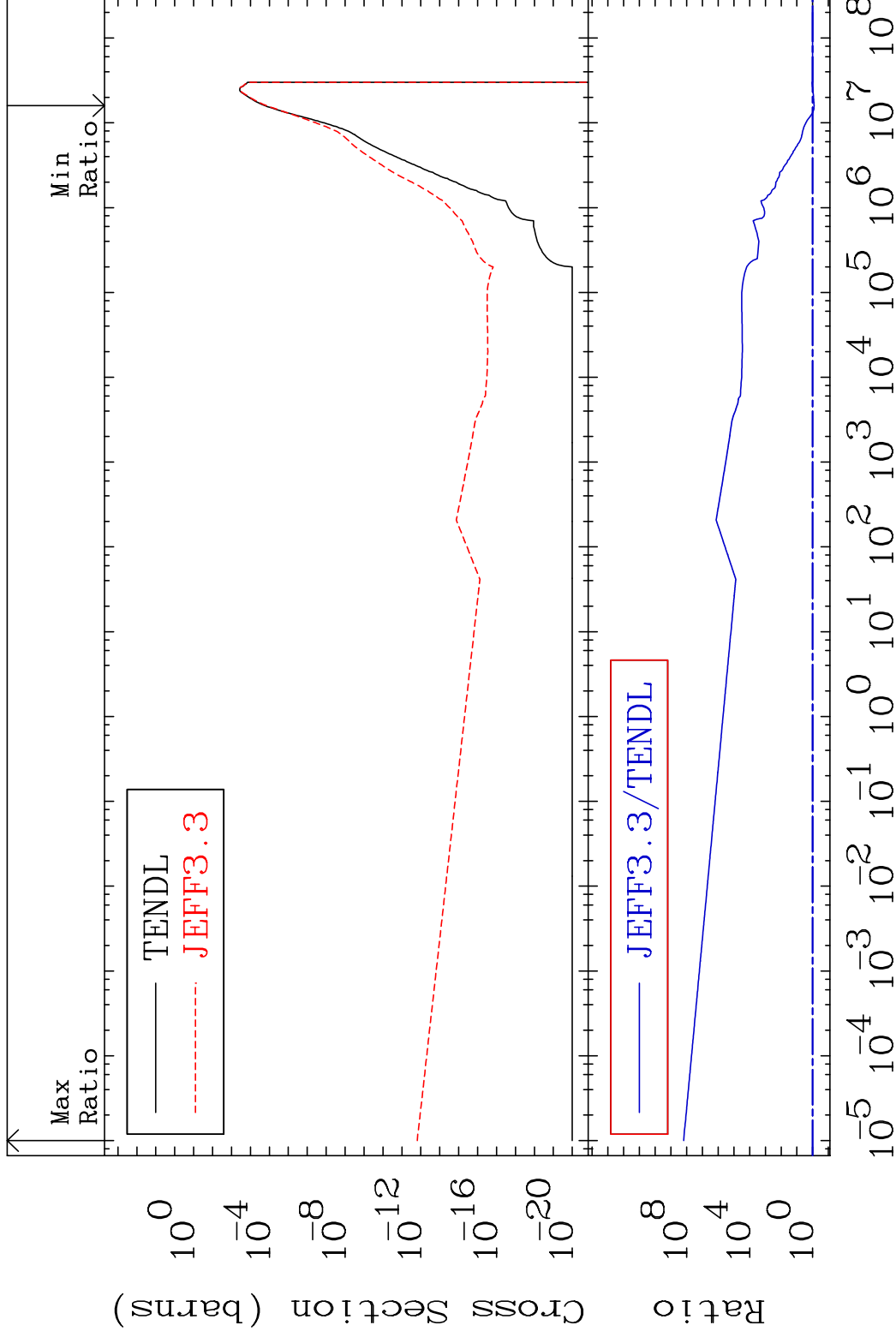
74-W -188

MAT 7449

(n, α)

74-W -188

Cross Section -19.12 To 9999. %



51

Incident Energy (eV)

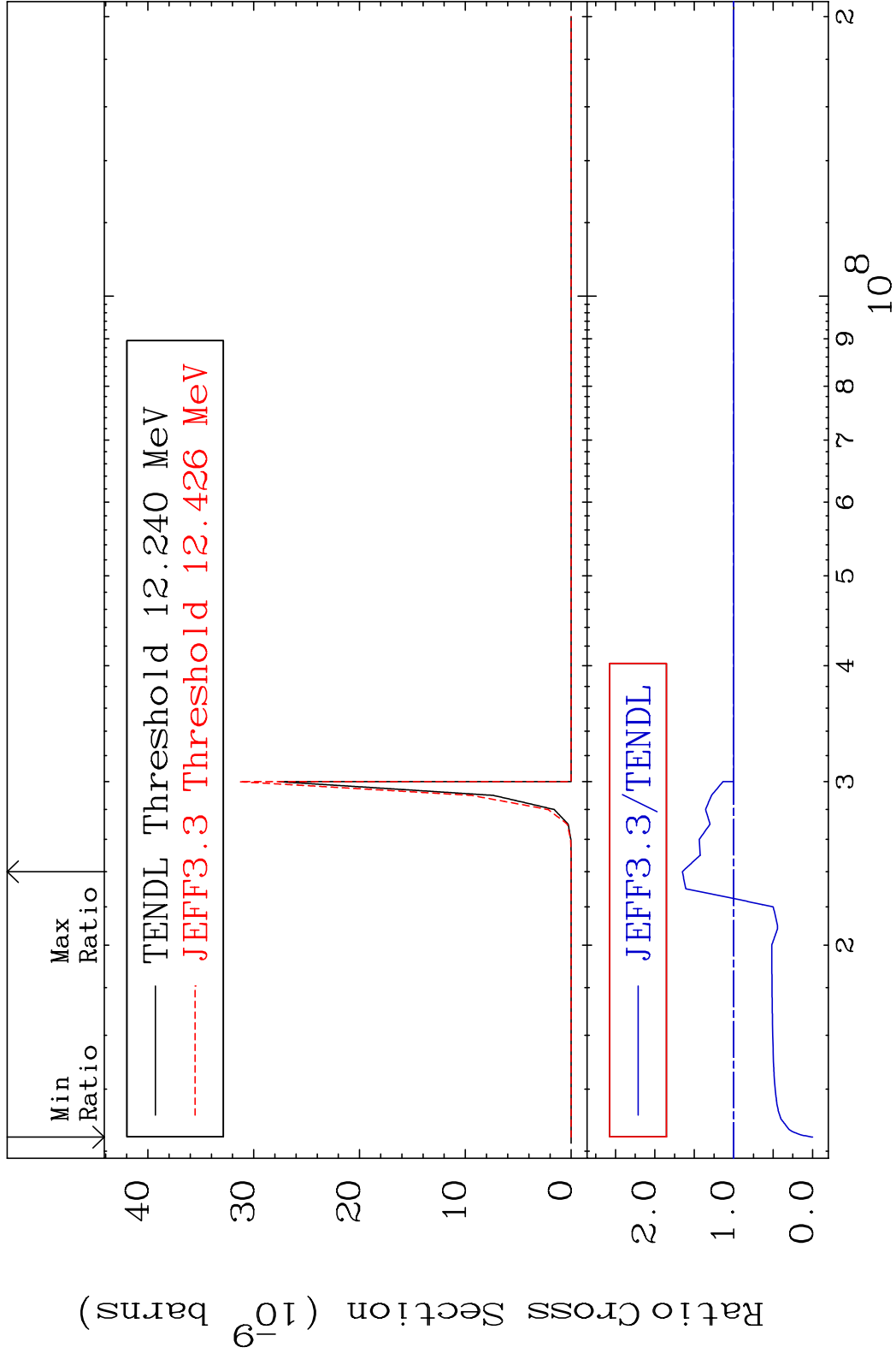
74-W -188

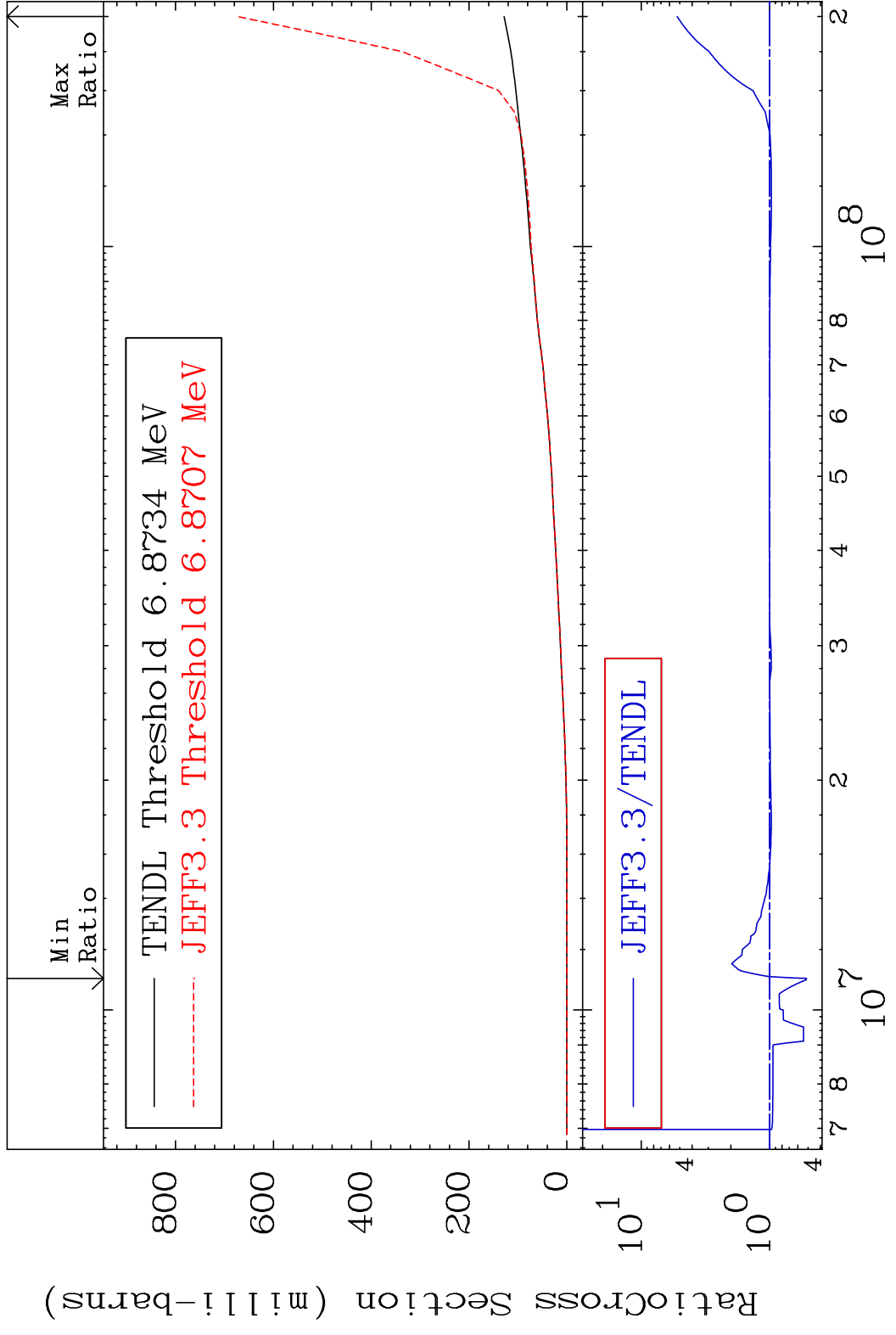
MAT 7449

(n,2p)

74-W -188

Cross Section -100.0 To 65.15 %





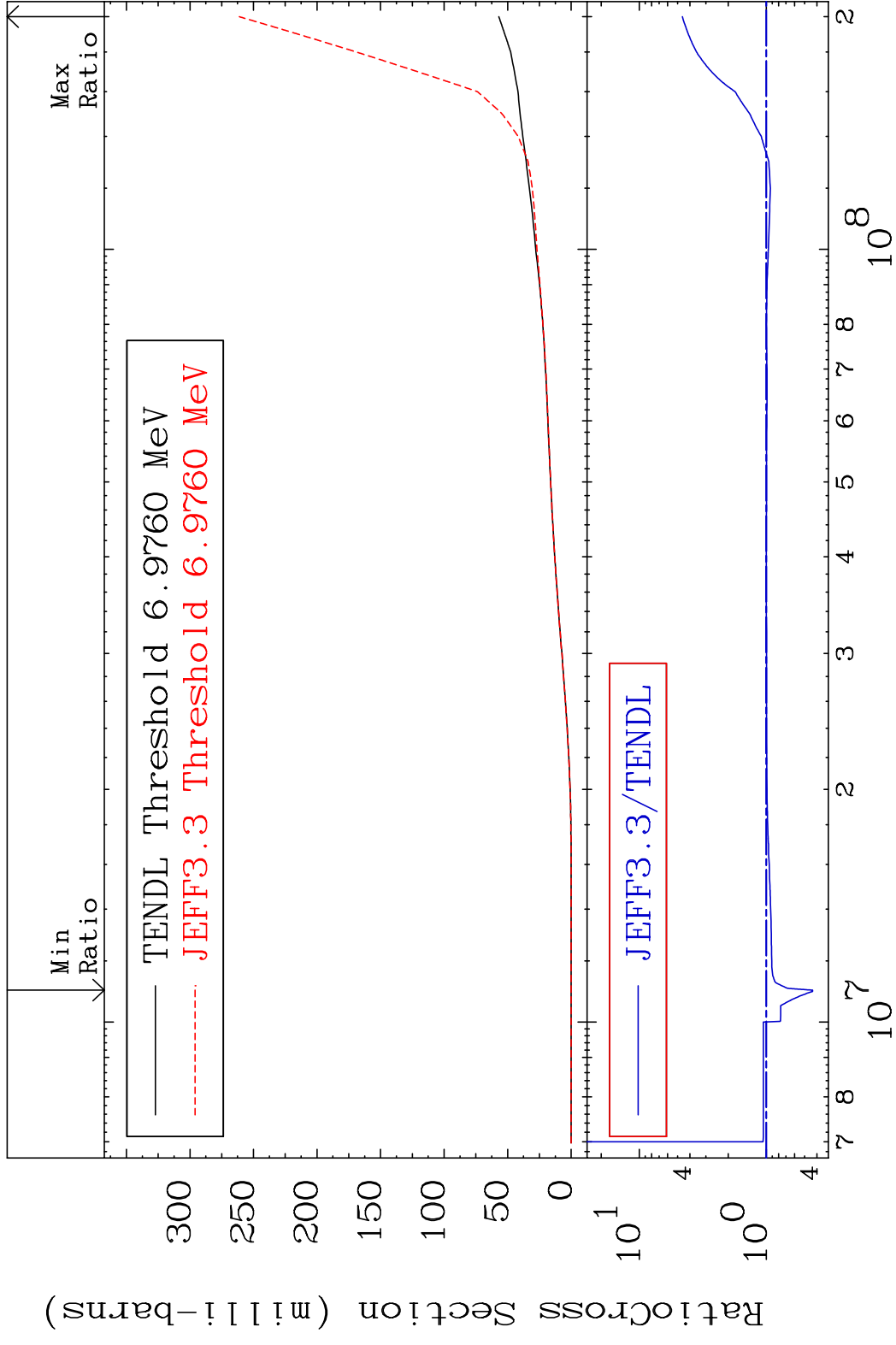
MAT 7449

Tritium Production

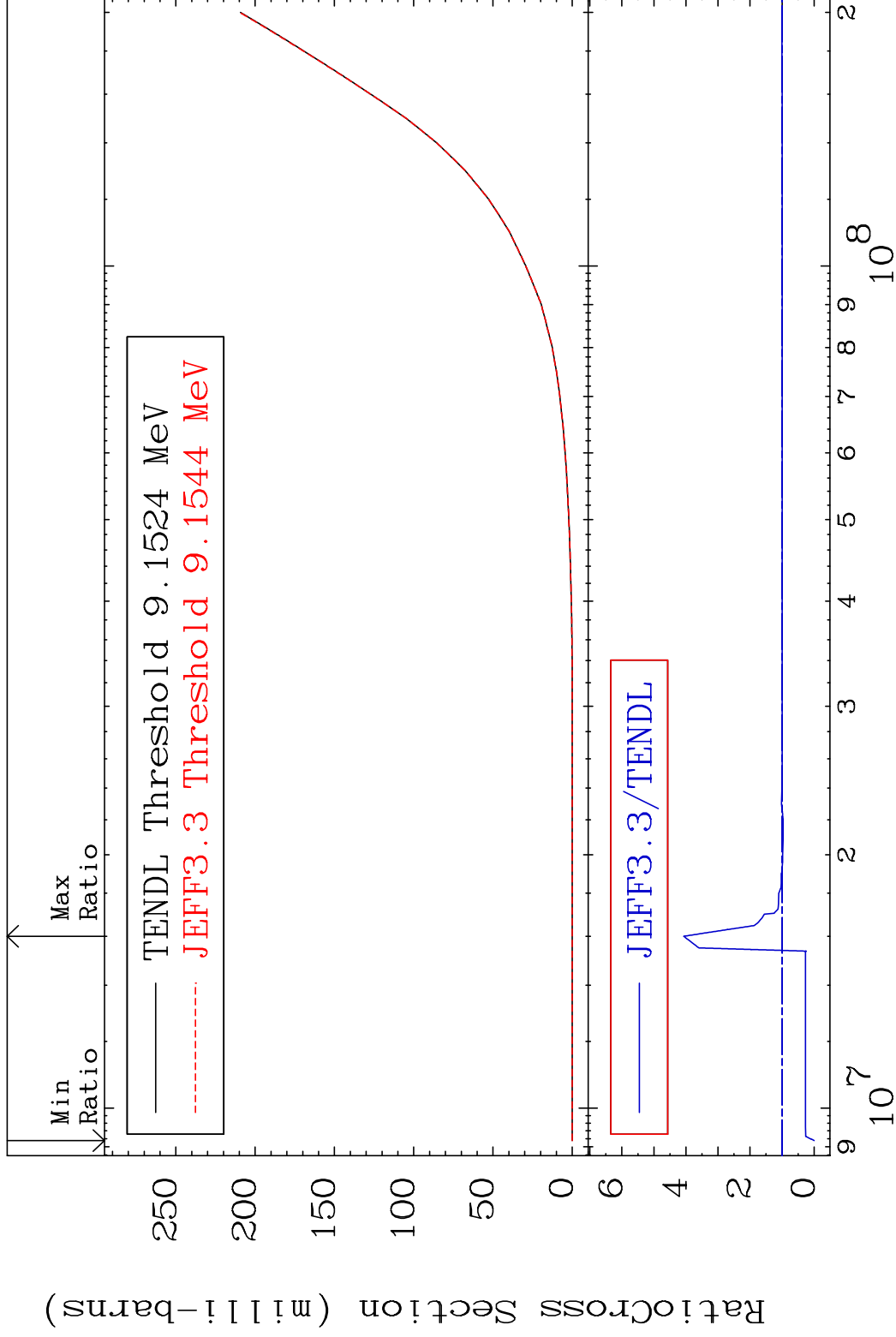
74-W -188

Cross Section

-56.72 To 358.7 %



Cross Section -100.0 To 307.2 %

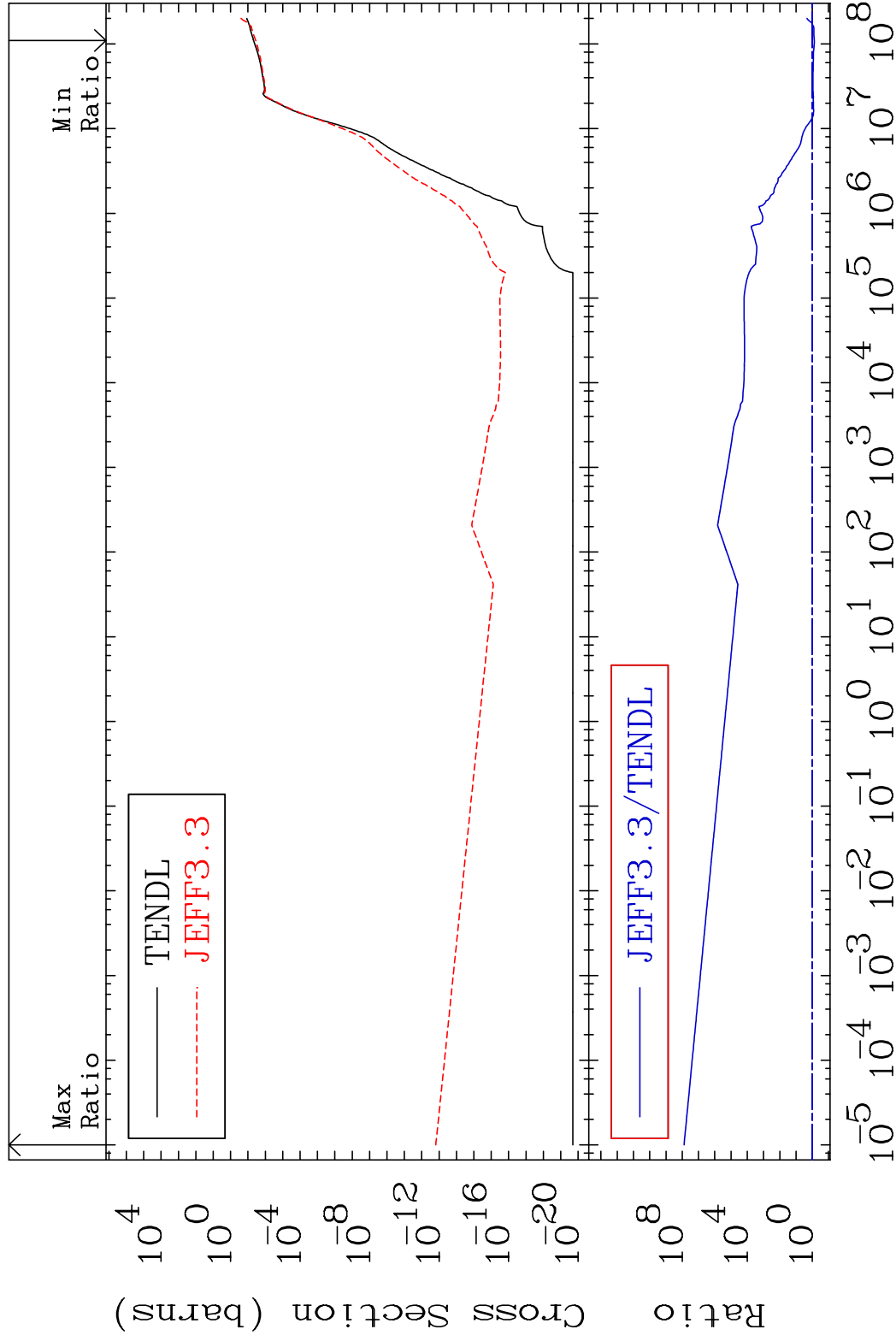


MAT 7449

He-4 Production

74-W -188

Cross Section -24.44 To 9999. %

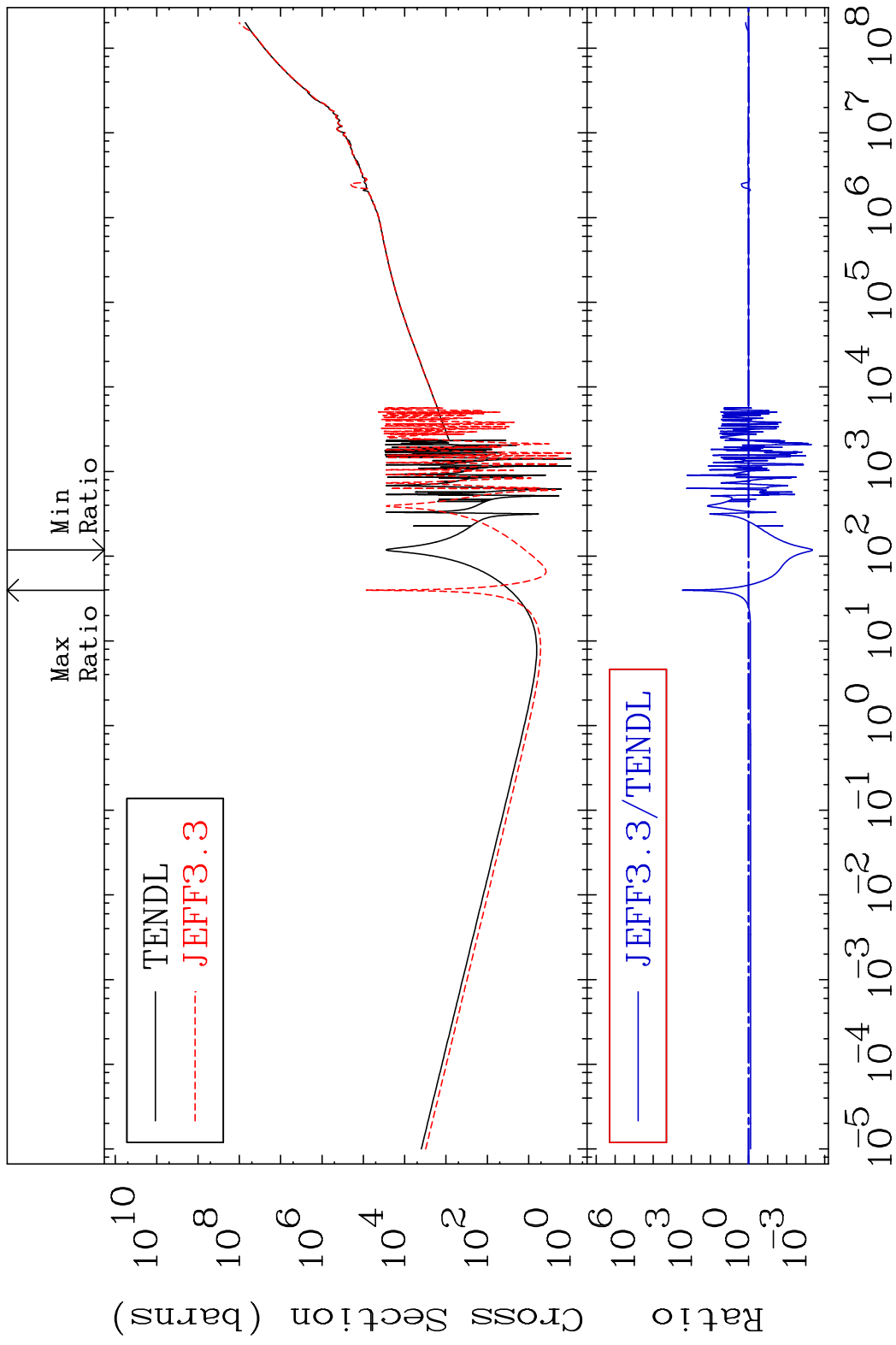


57

Incident Energy (eV)

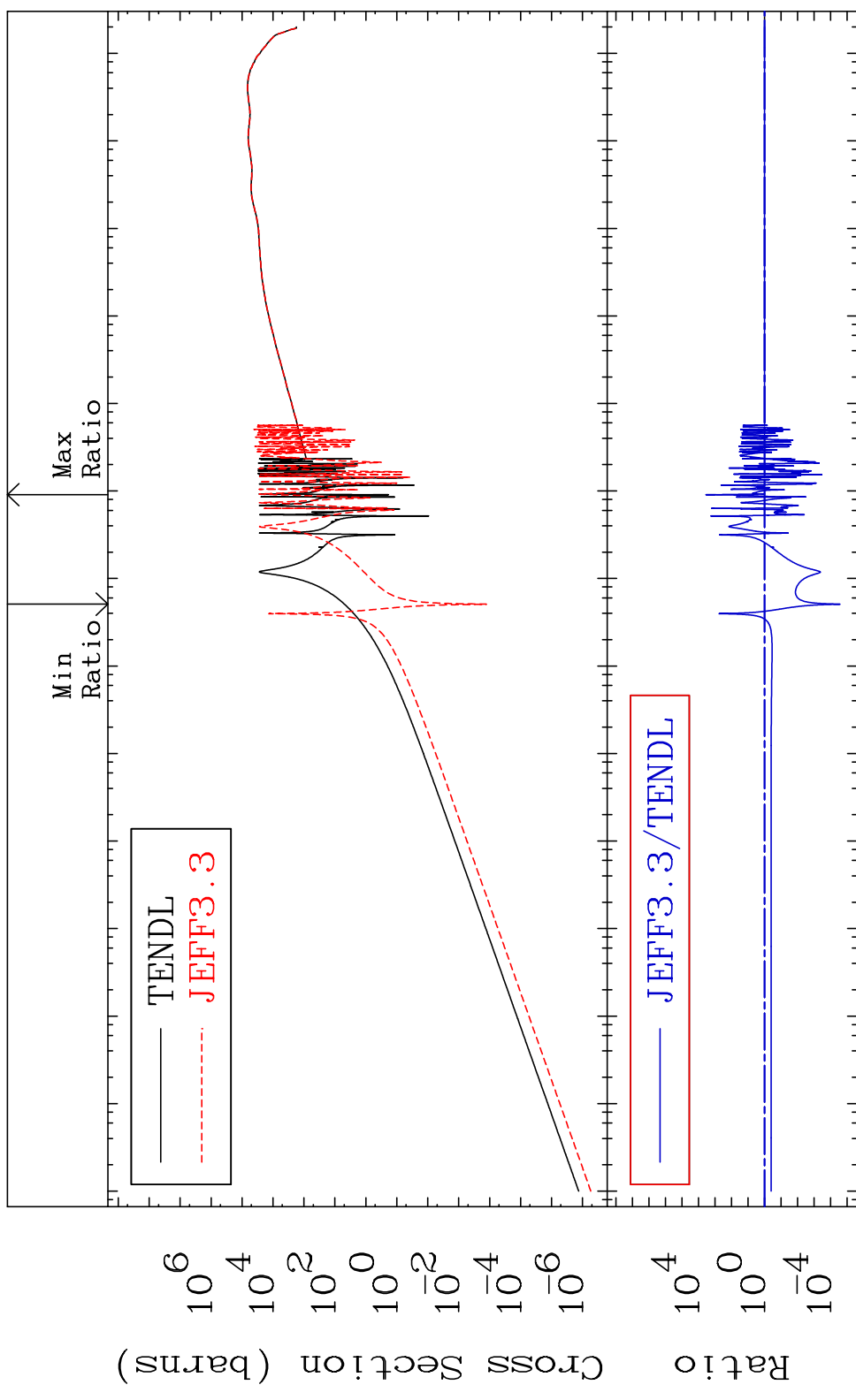
74-W -188

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

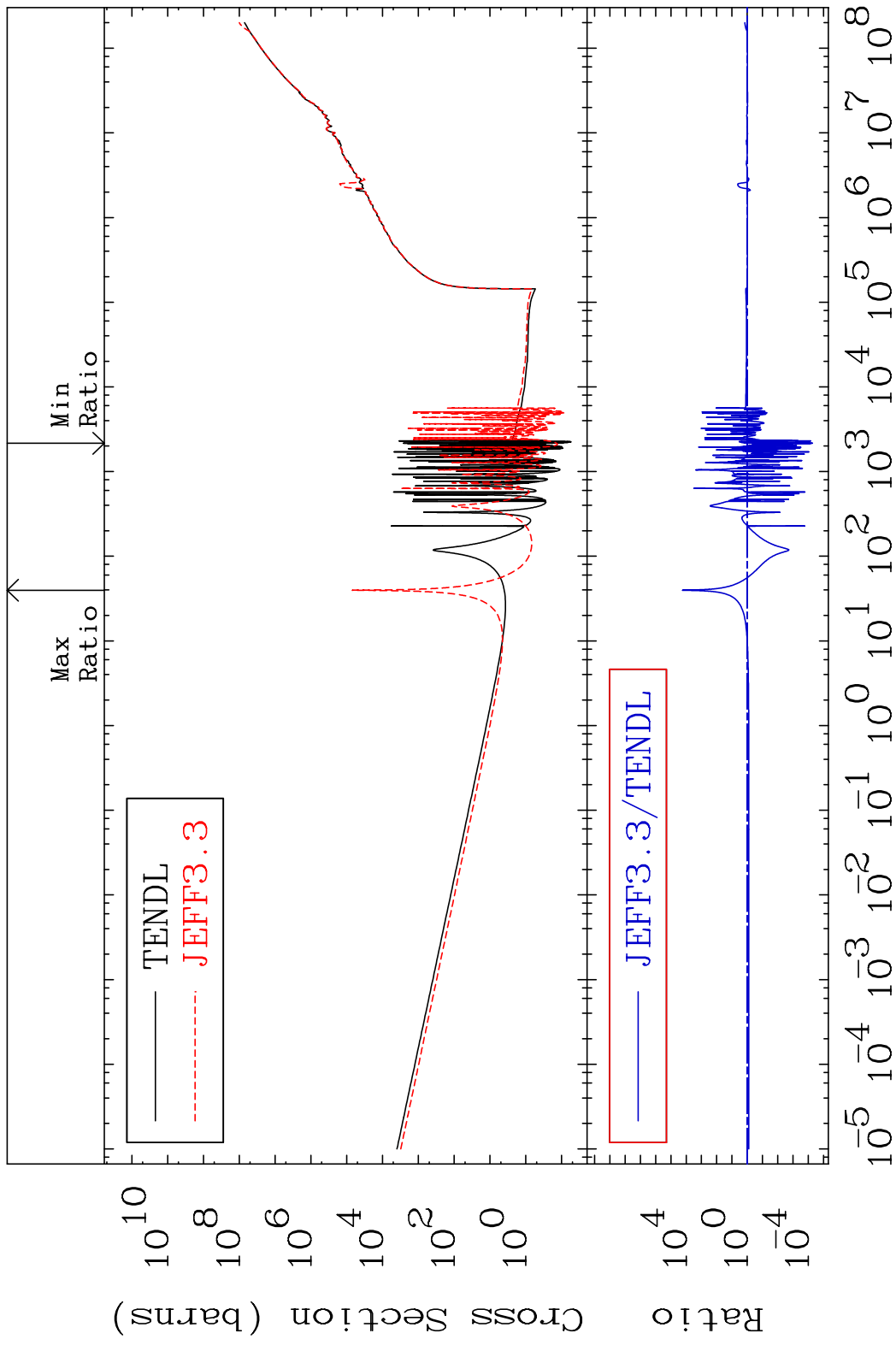


MAT 7449

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

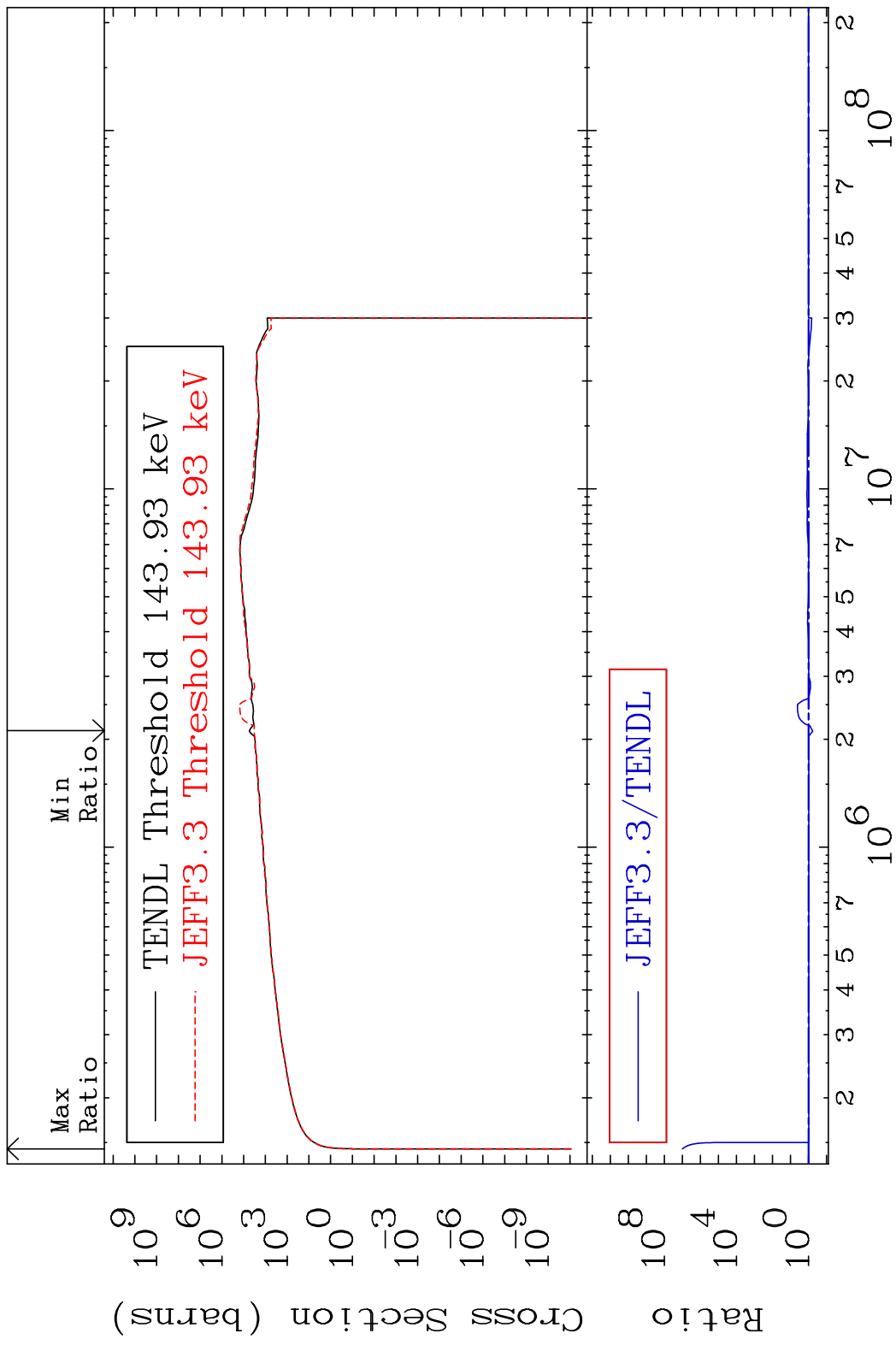


MAT 7449 Kerma non-elastic (all but mt2) 74-W -188
 Cross Section -99.99 To 9999. %

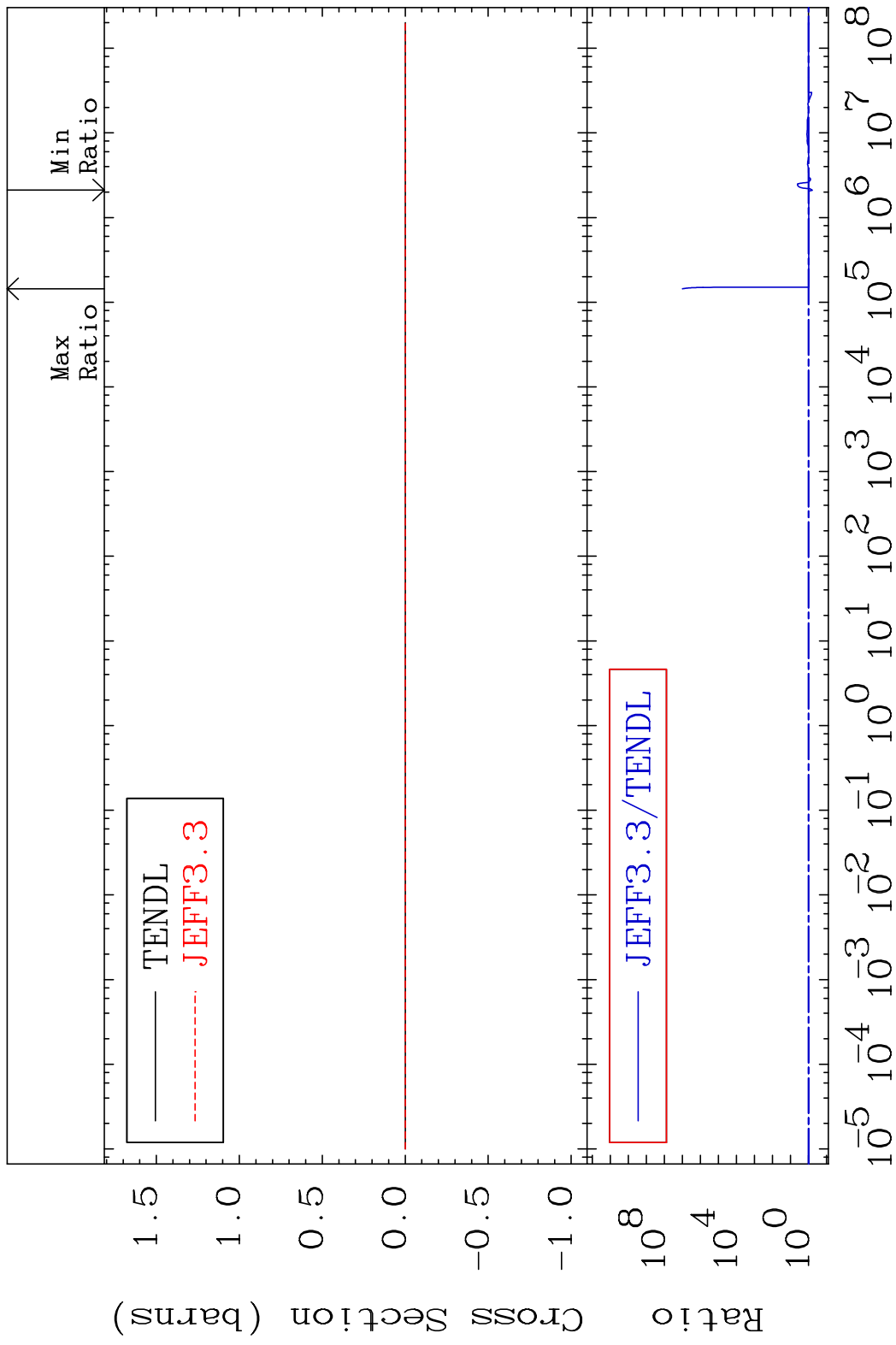


60 Incident Energy (eV) 74-W -188

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

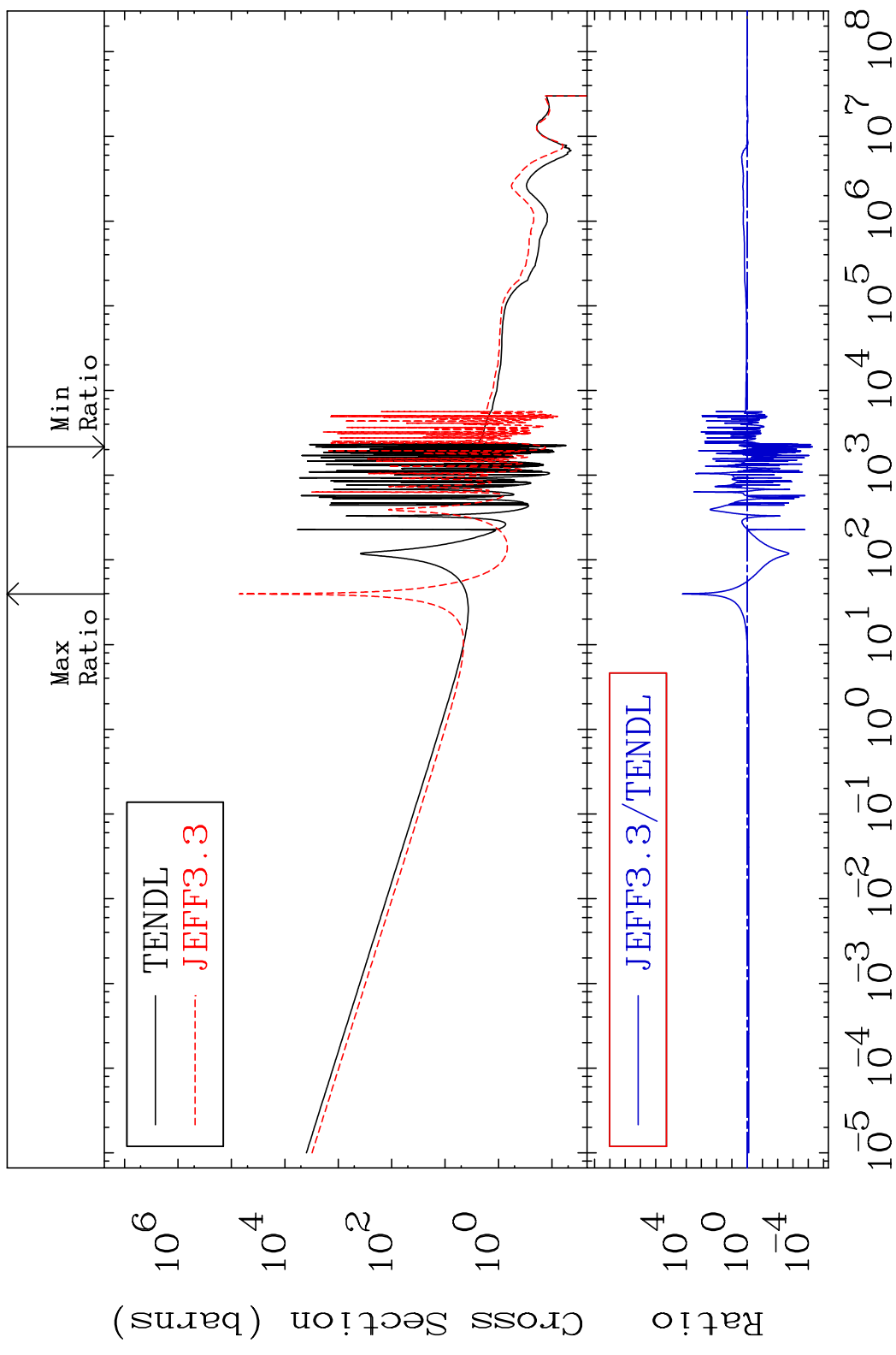


MAT 7449 Kerma fission (mt18 or mt19-20-21-38) 74-W -188
 Cross Section -39.63 To 9999. %



MAT 7449

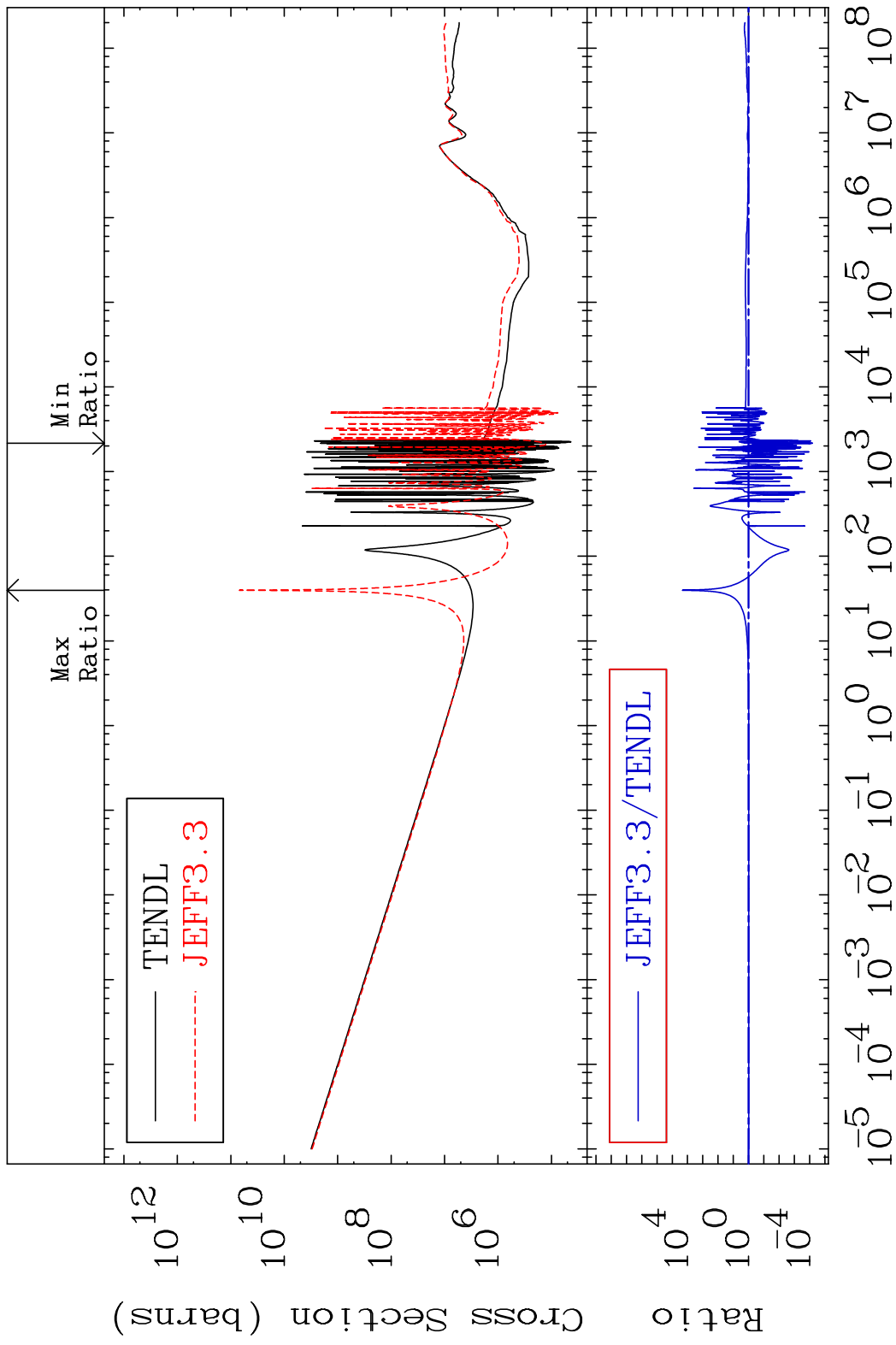
Kerma capture (mt102) 74-W -188
Cross Section -99.99 To 9999. %



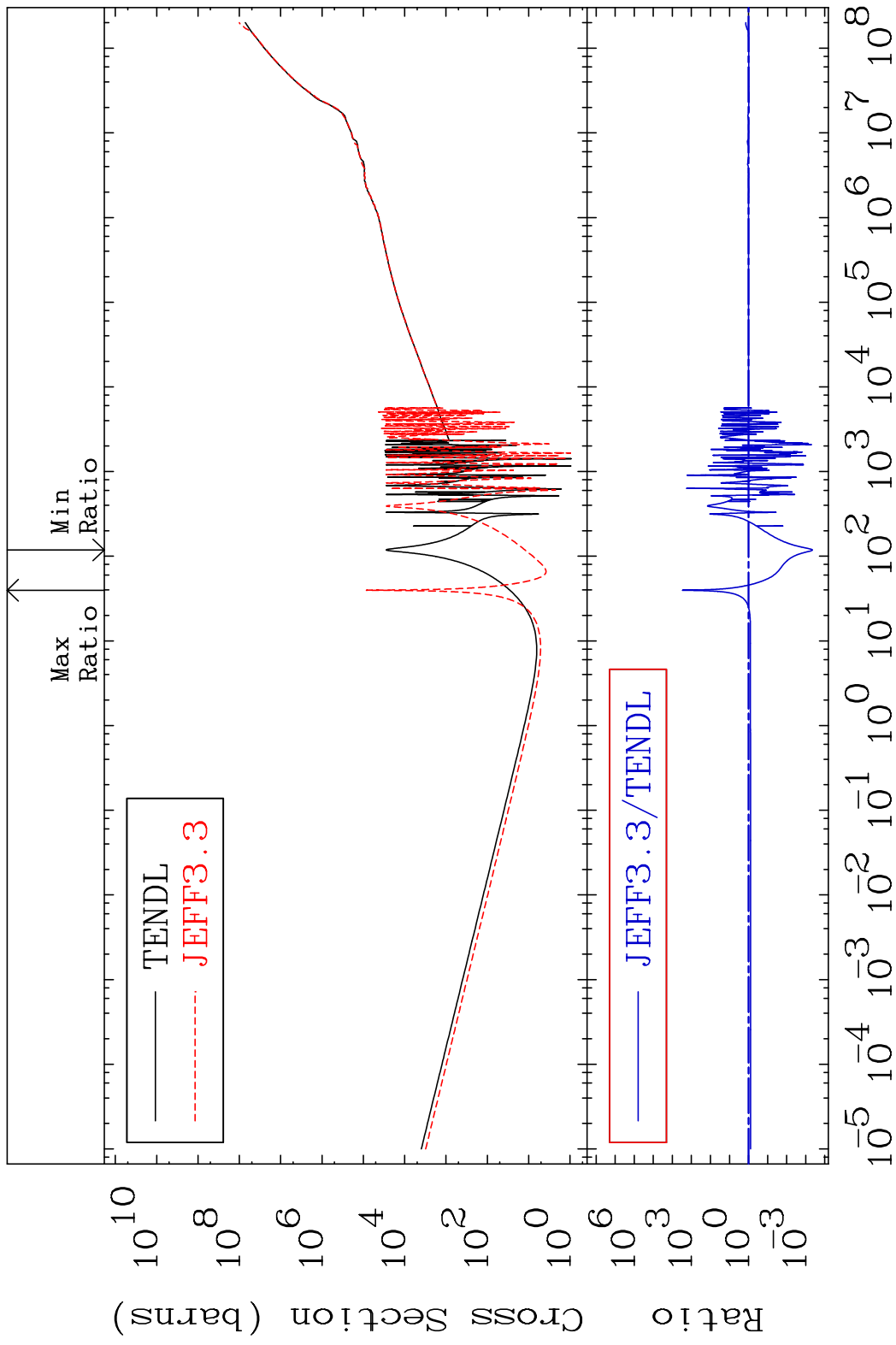
63

Incident Energy (eV) 74-W -188

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

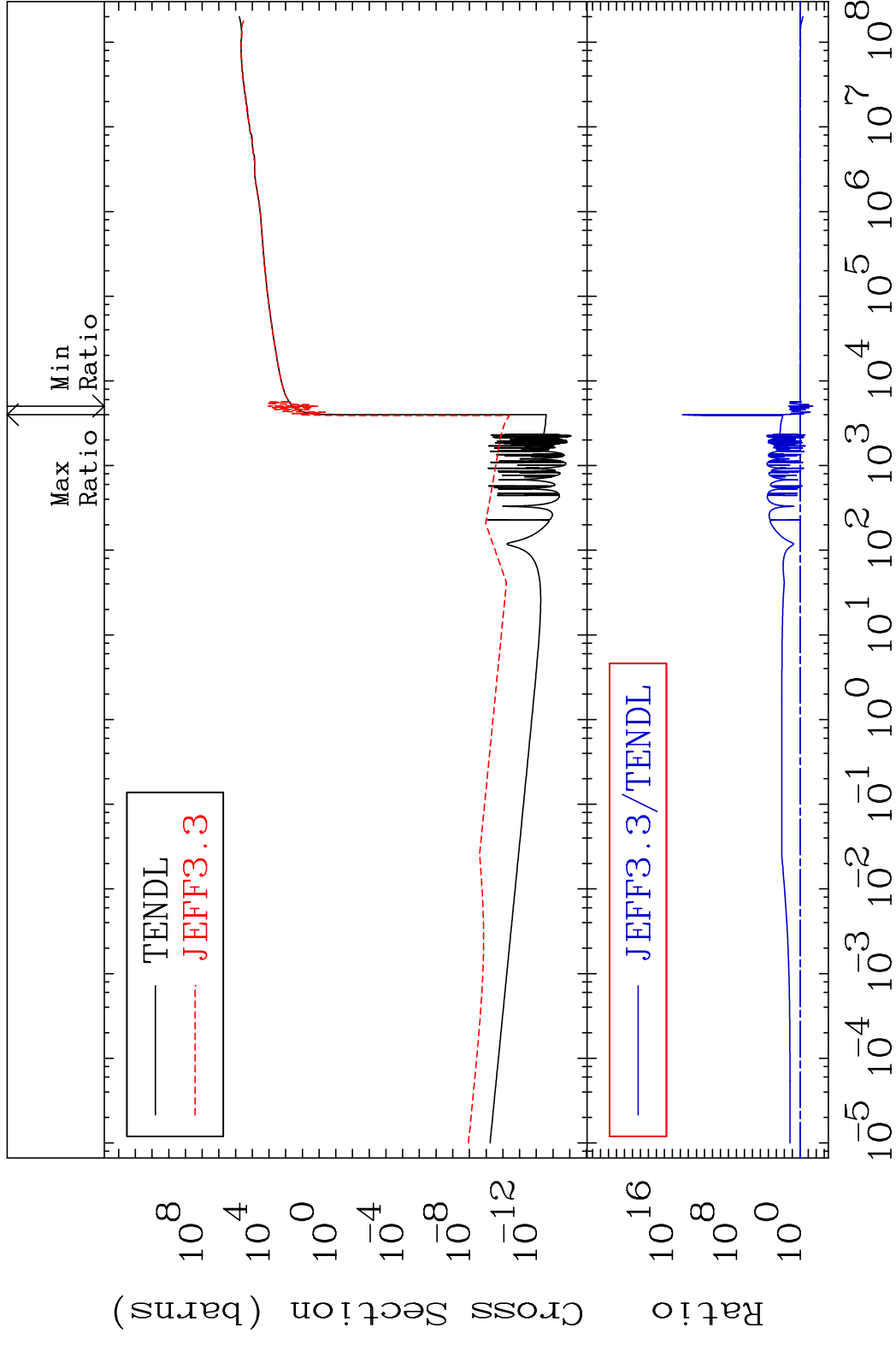


MAT 7449 Total kinematic kerma (high limit) 74-W -188
 Cross Section -99.96 To 9999. %



65 Incident Energy (eV) 74-W -188

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

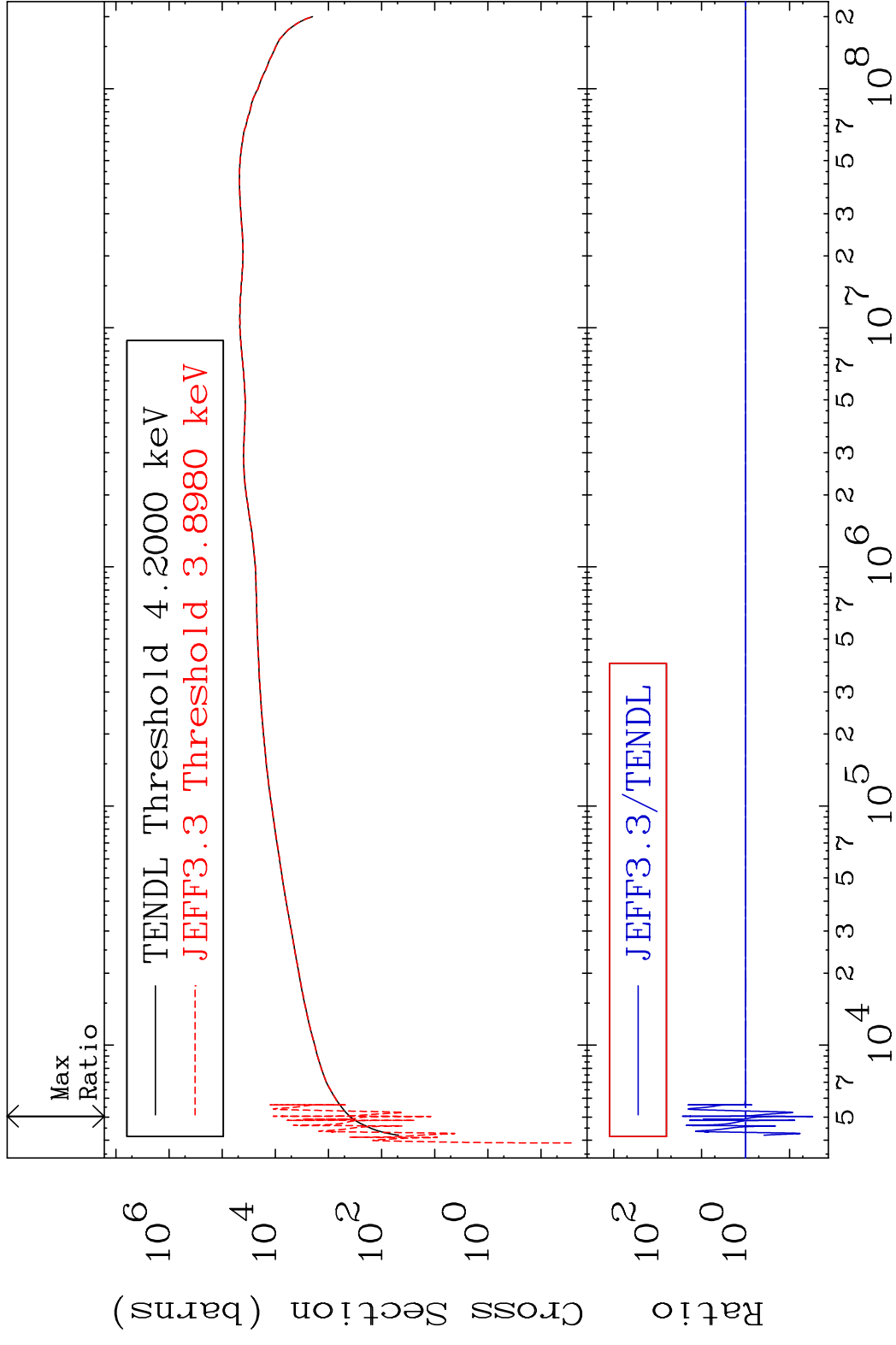


MAT 7449

Dpa elastic (mt2)

74-W -188

Cross Section -97.02 To 2640. %

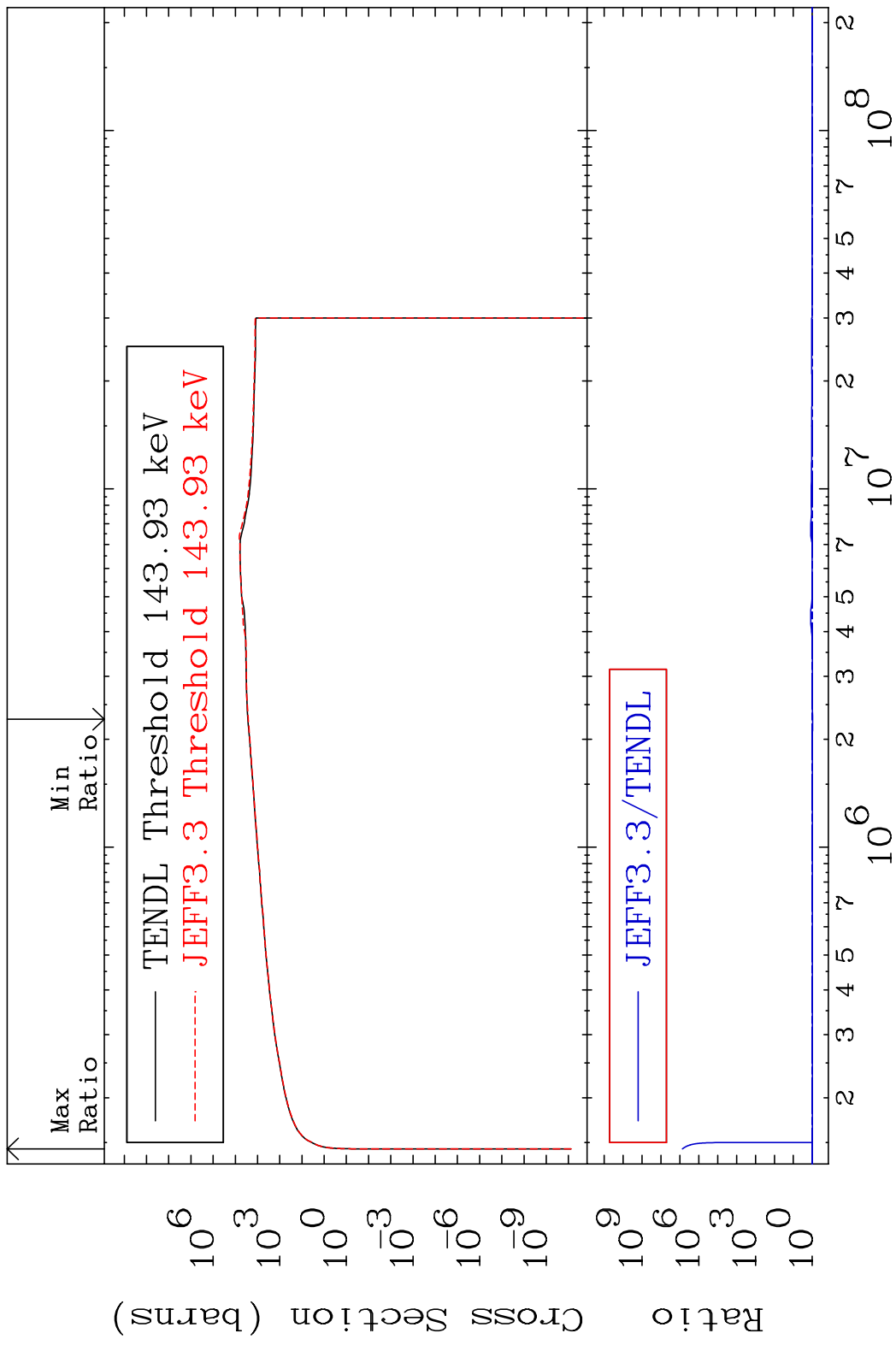


67

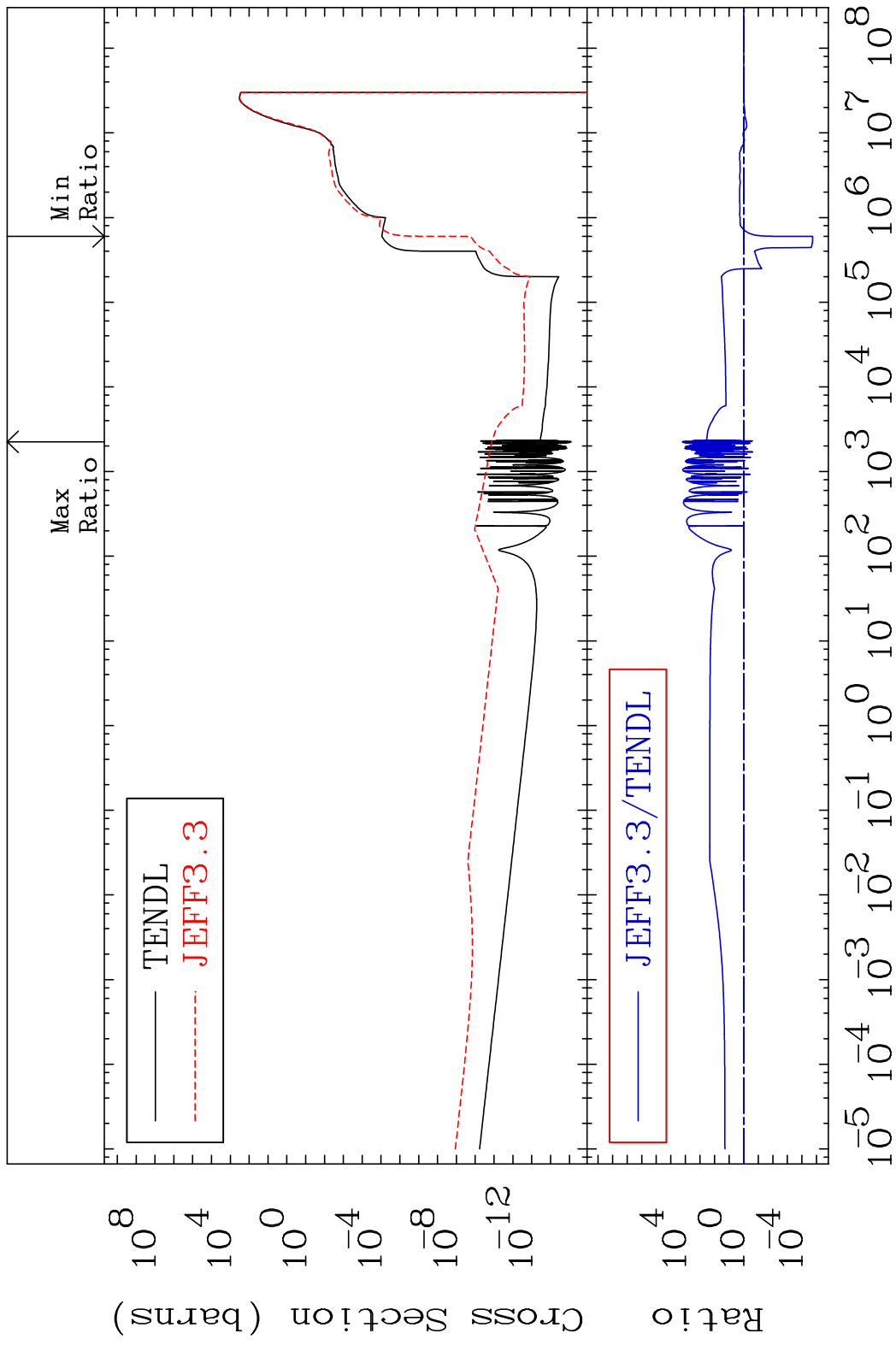
Incident Energy (eV)

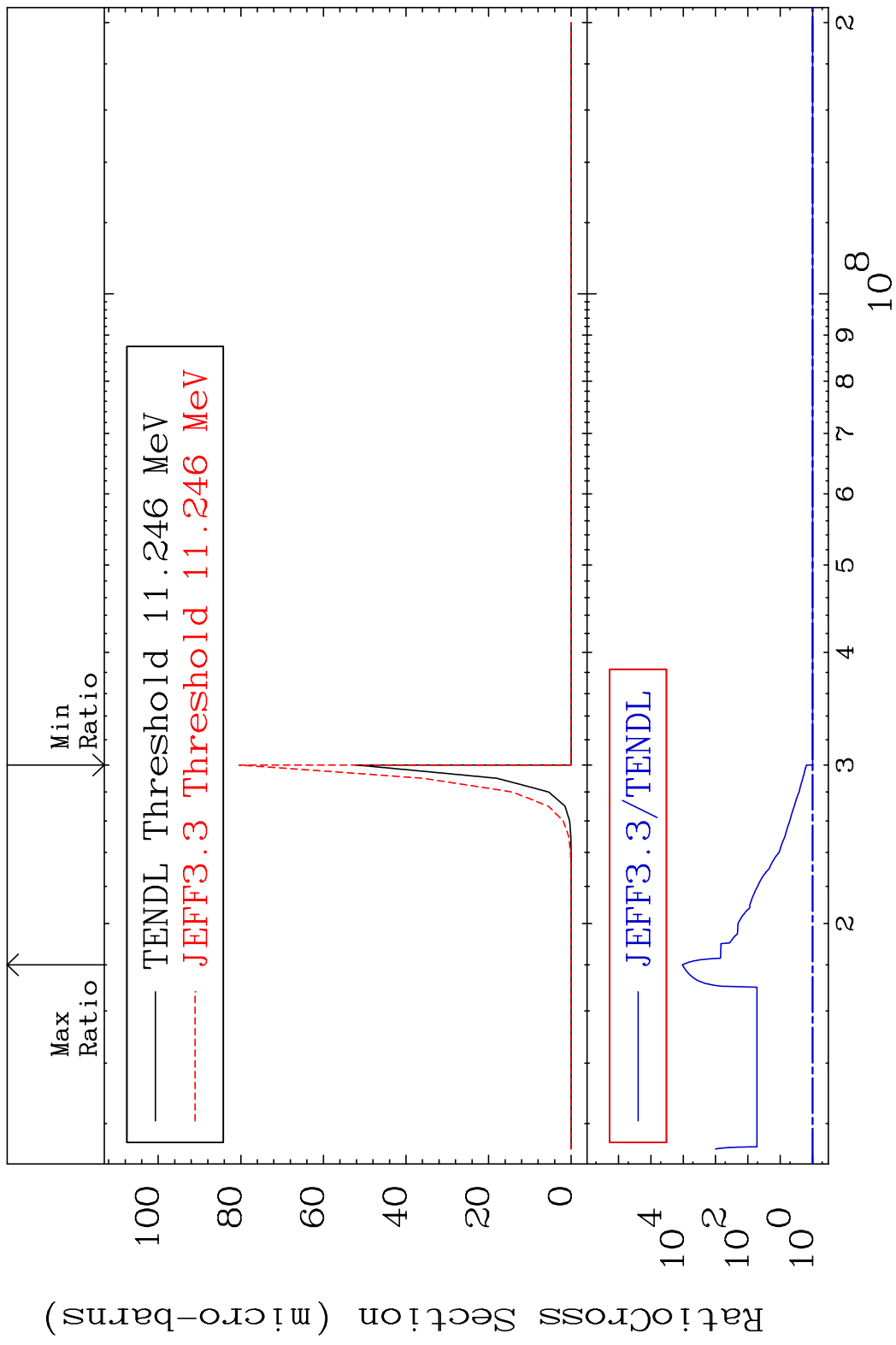
74-W -188

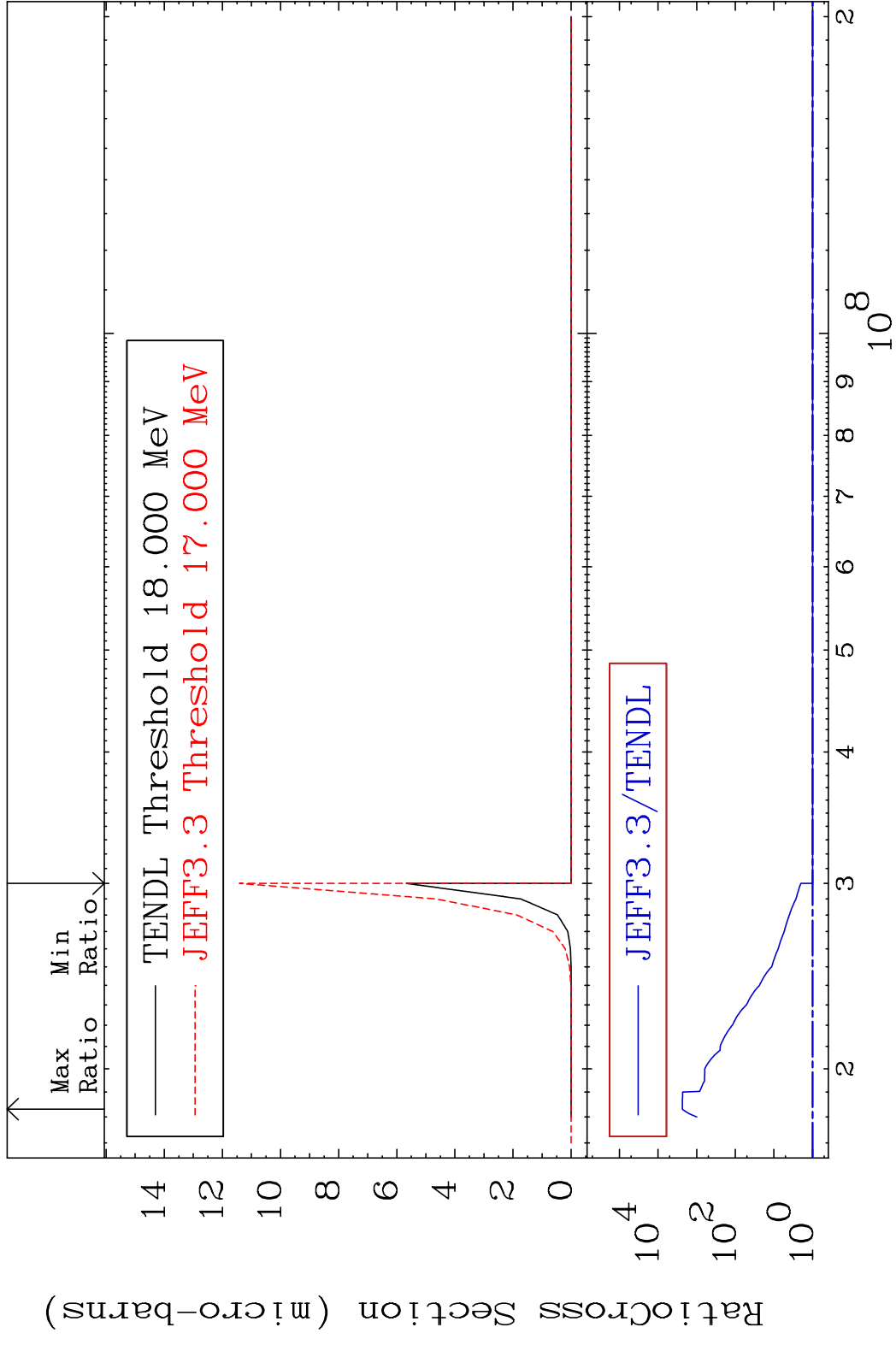
MAT 7449 Dpa inelastic (mt51-91) 74-W -188
 Cross Section -3.697 To 9999. %

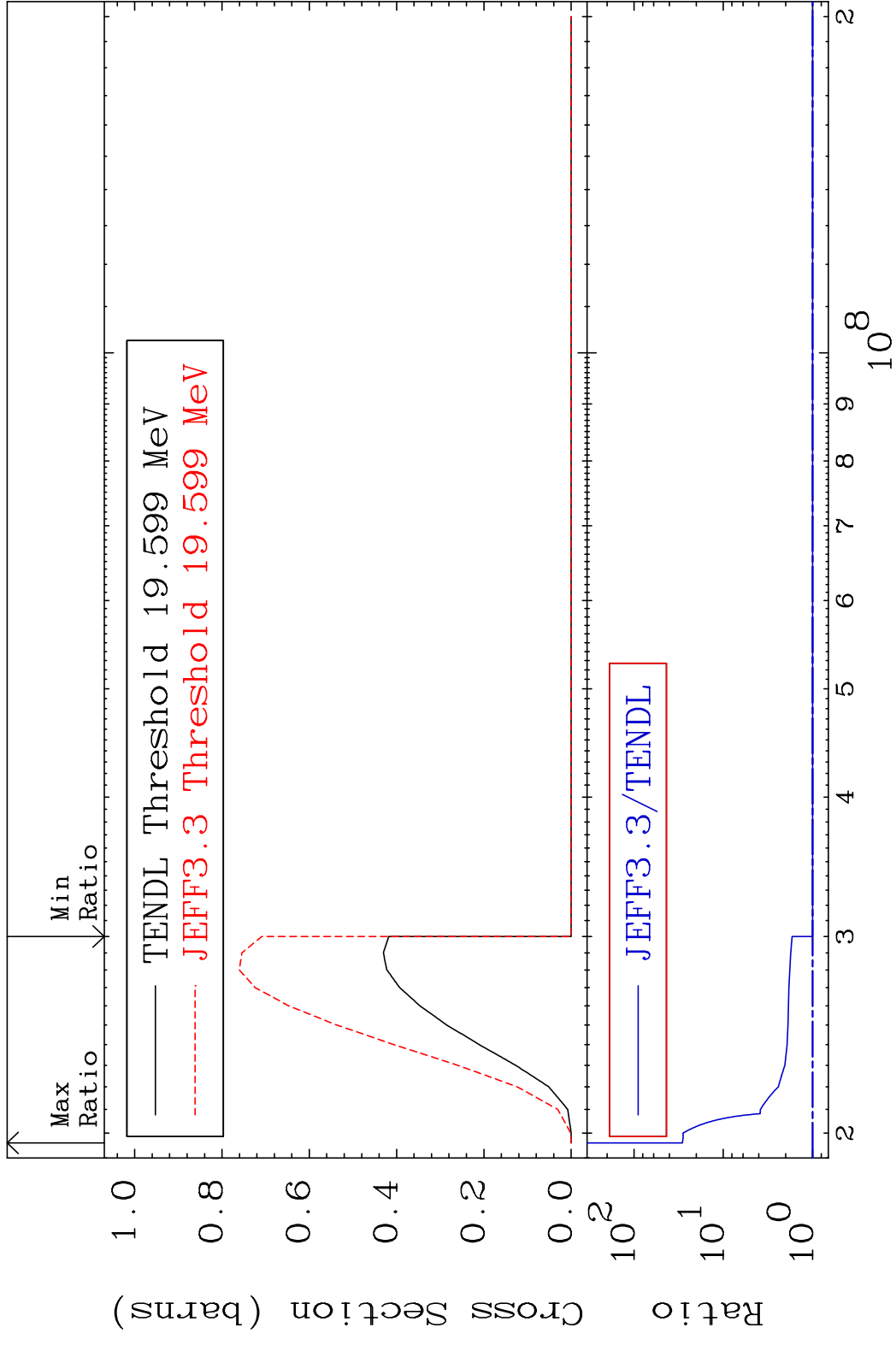


MAT 7449 Dpa disappearance (mt102 -120) 74-W -188
 Cross Section -100.0 To 9999. %









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

