

Program Complot
(Version 2021-1)

by

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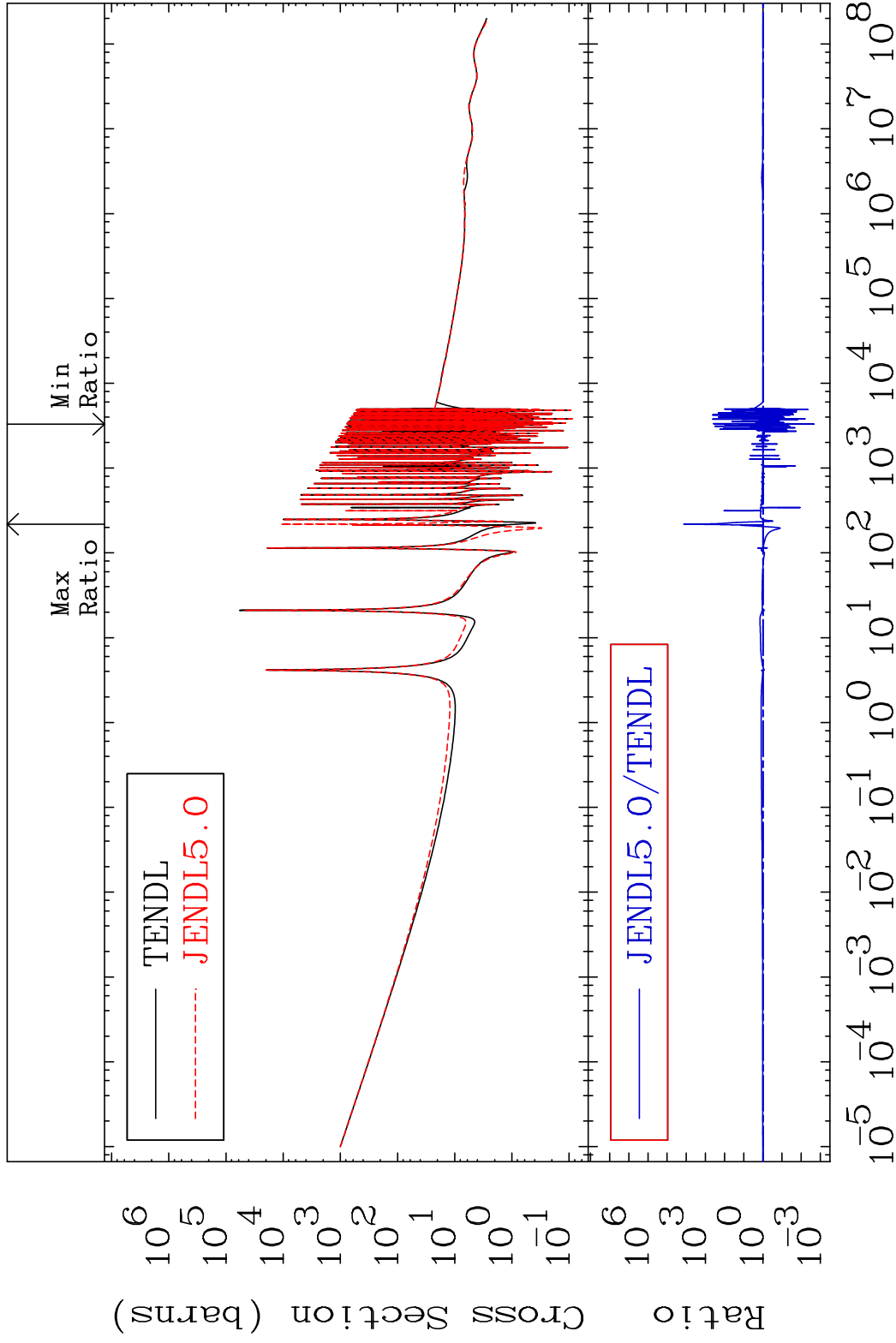
Press Mouse Button to Start

MAT 7431

Total

74-W -182

Cross Section -99.79 To 9999. %



1

Incident Energy (eV)

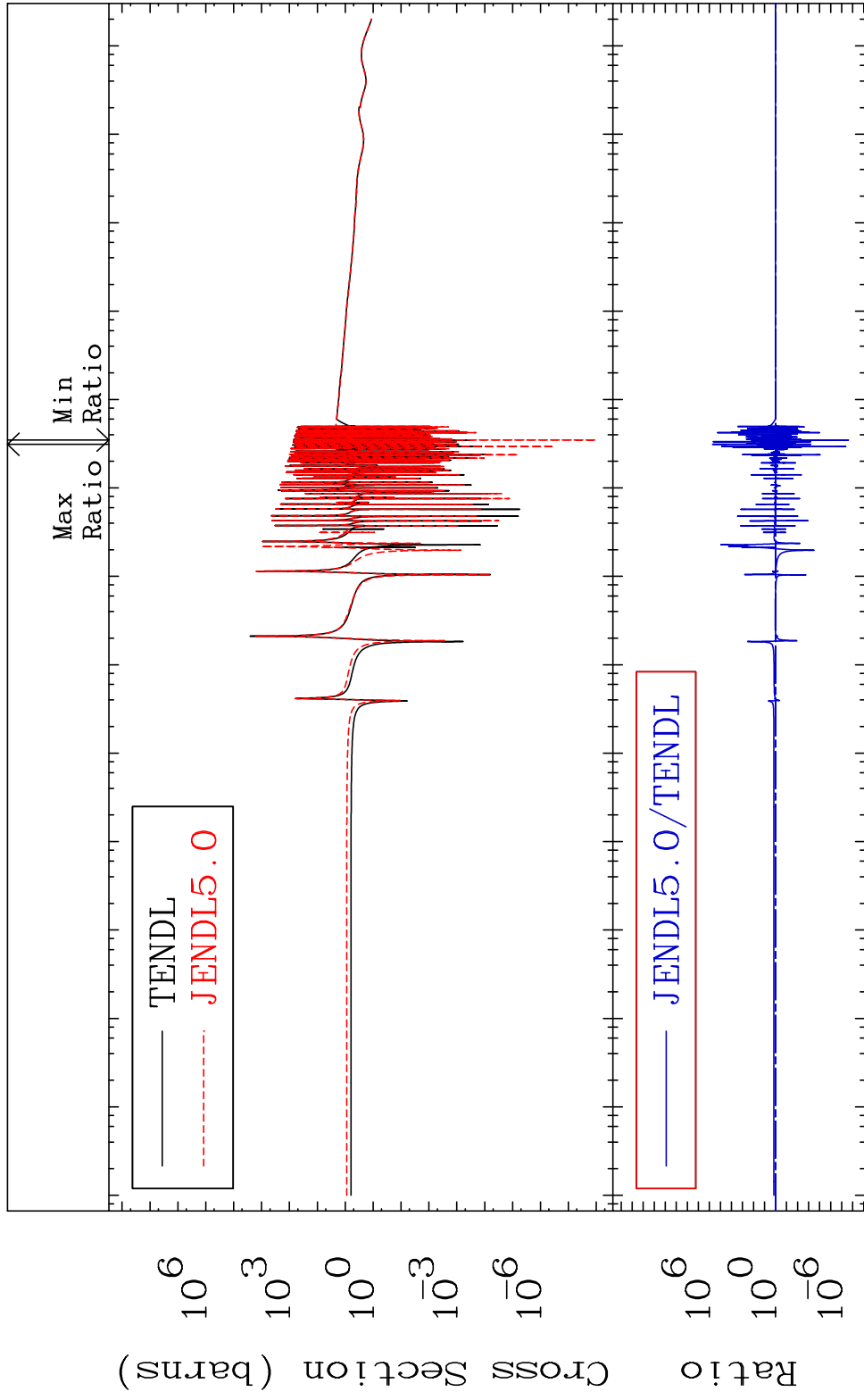
74-W -182

MAT 7431

Elastic

74-W -182

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

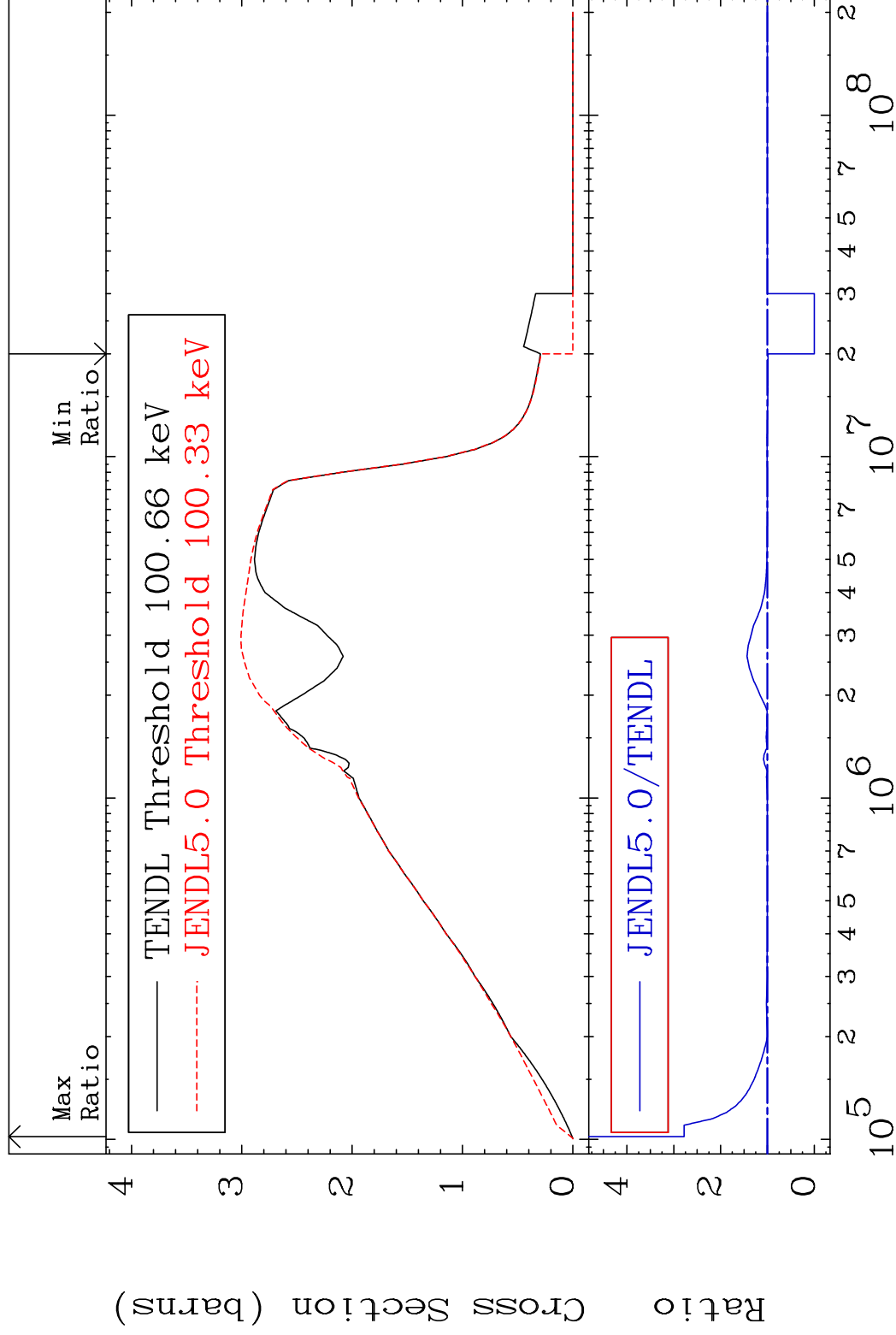
74-W -182

MAT 7431

Inelastic

74-W -182

Cross Section -100.0 To 178.0 %



3 Incident Energy (eV)

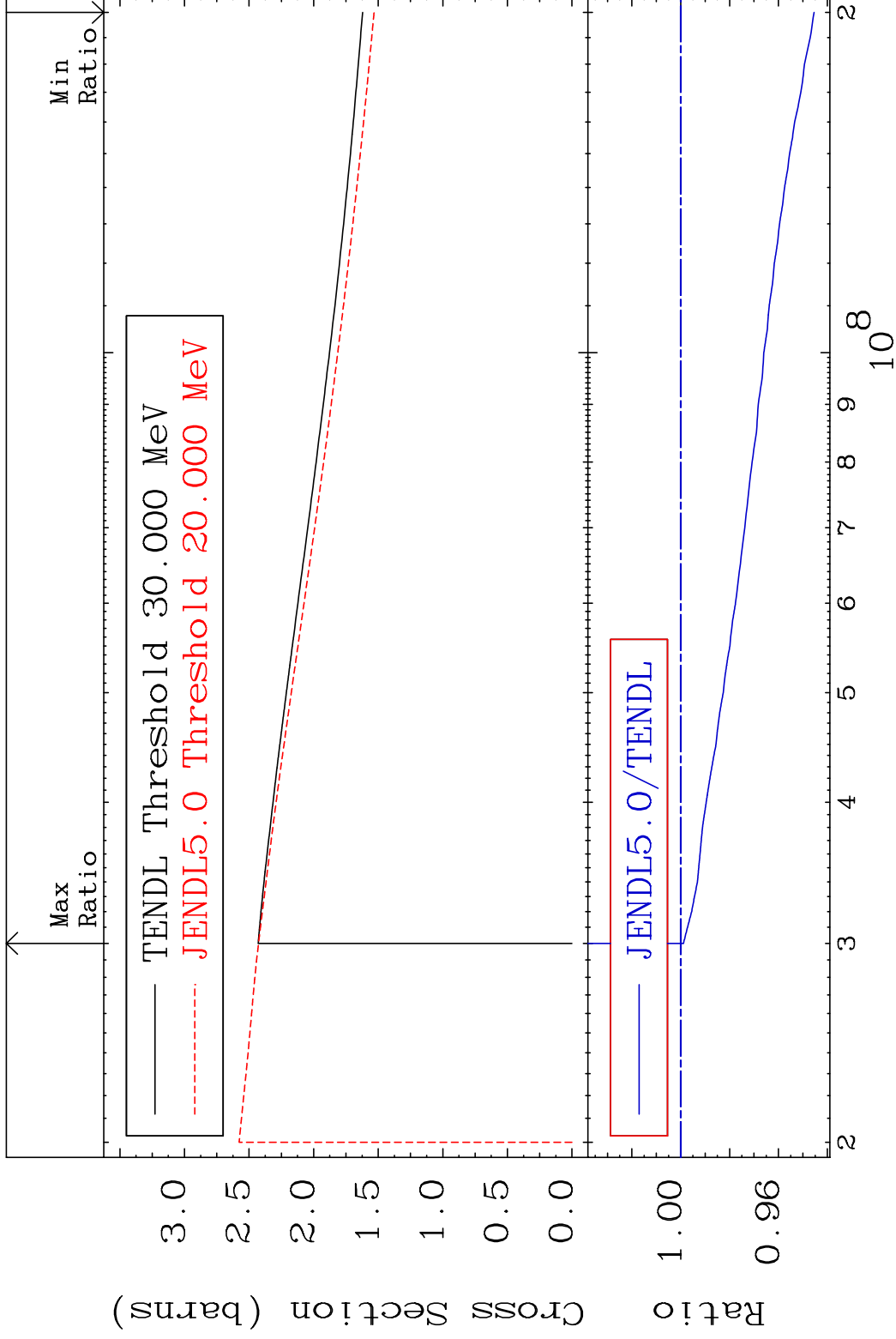
74-W -182

MAT 7431

(n, remainder)

74-W -182

Cross Section -5.455 To -0.111%



4

Incident Energy (eV)

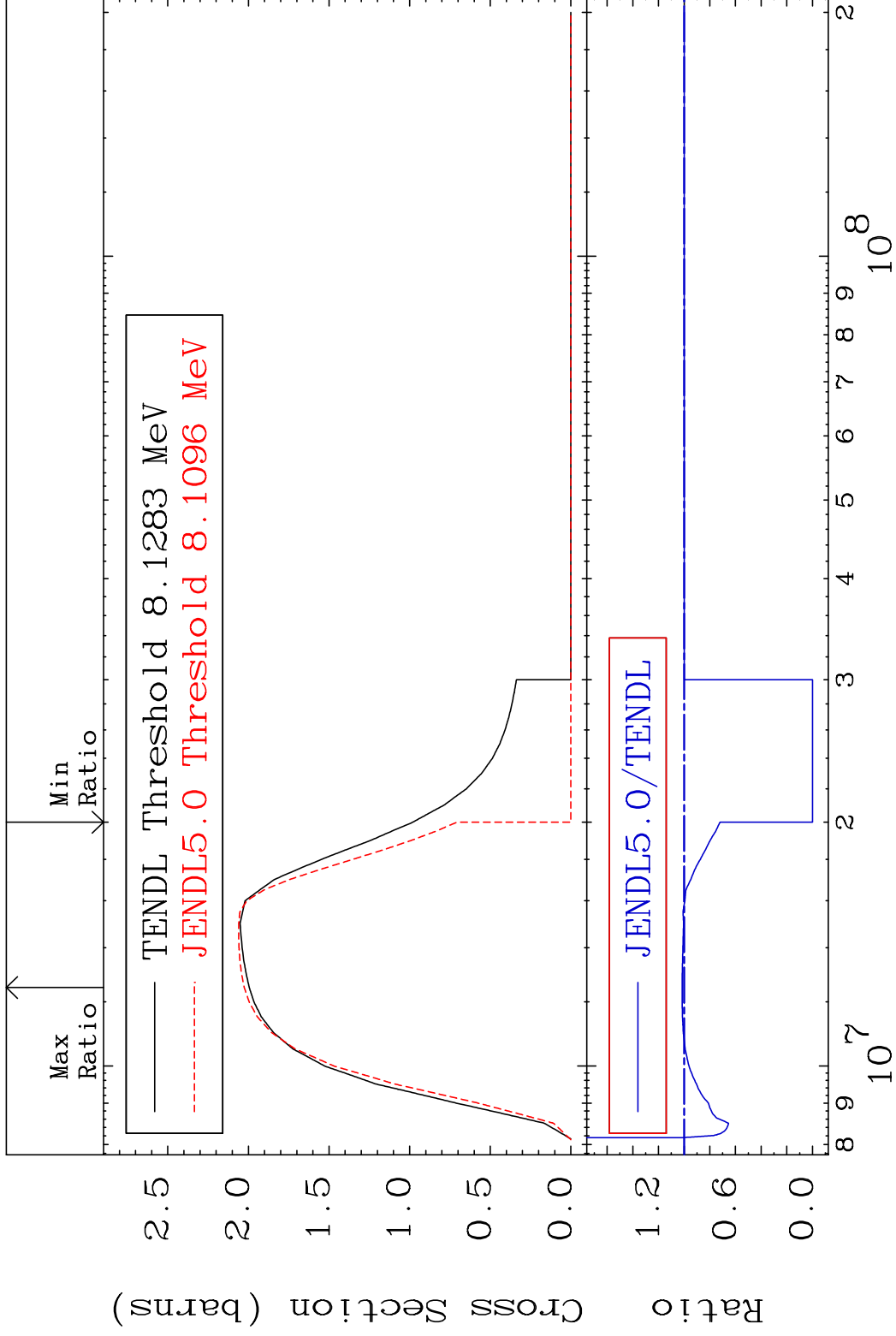
74-W -182

MAT 7431

(n,2n)

74-W -182

Cross Section -100.0 To 1.543 %



5

Incident Energy (eV)

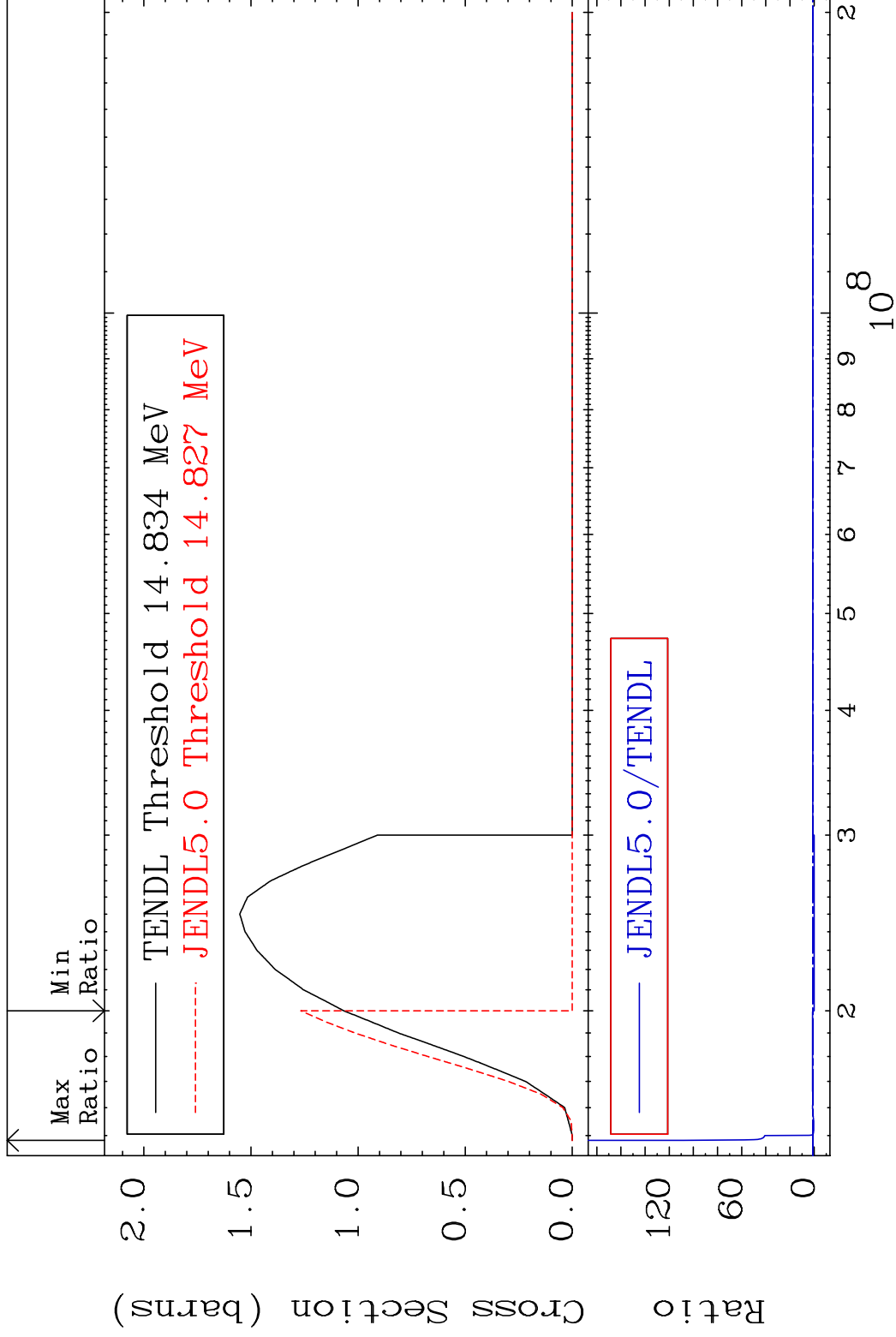
74-W -182

MAT 7431

(n,3n)

74-W -182

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

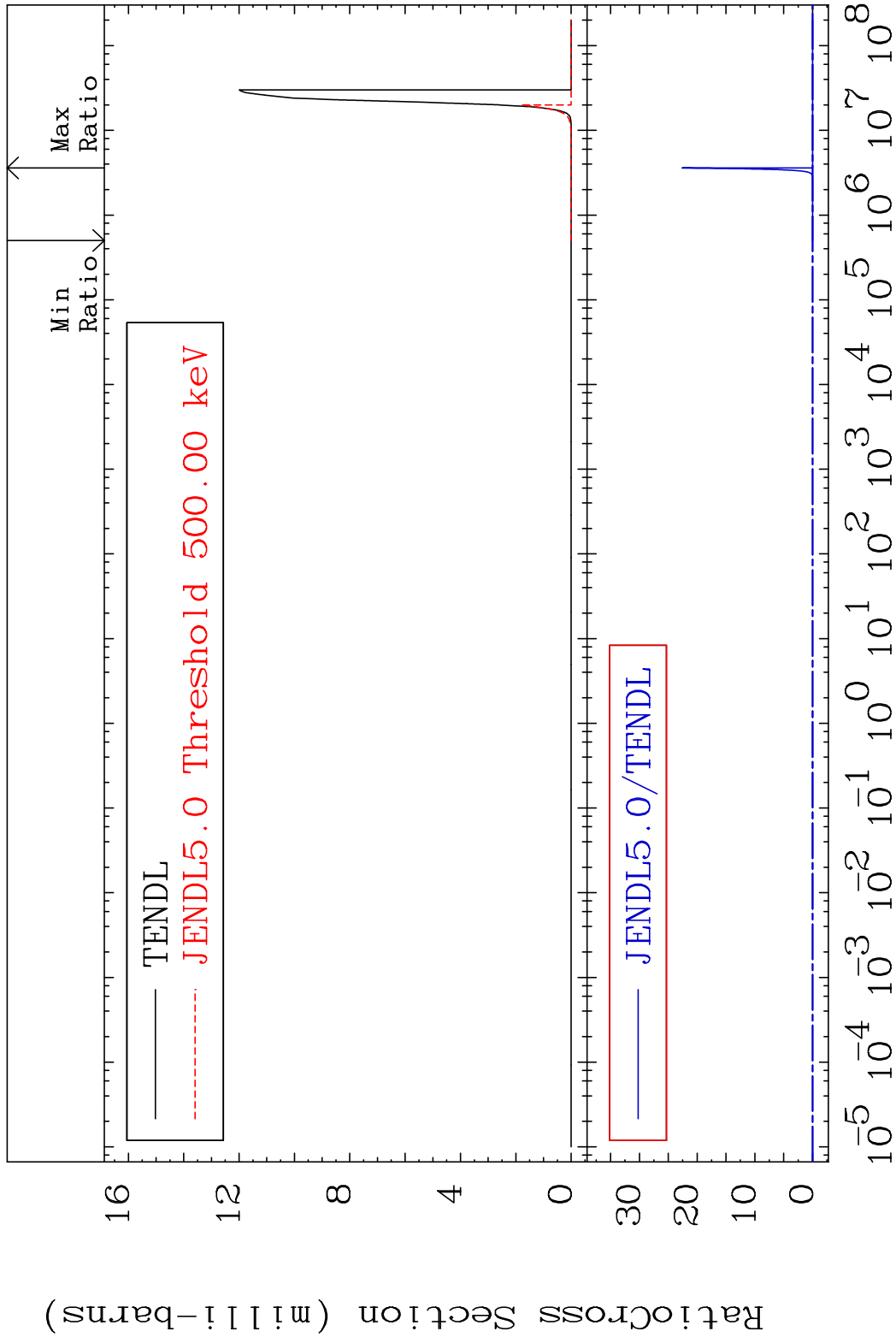
74-W -182

MAT 7431

(n, n') α

74-W -182

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

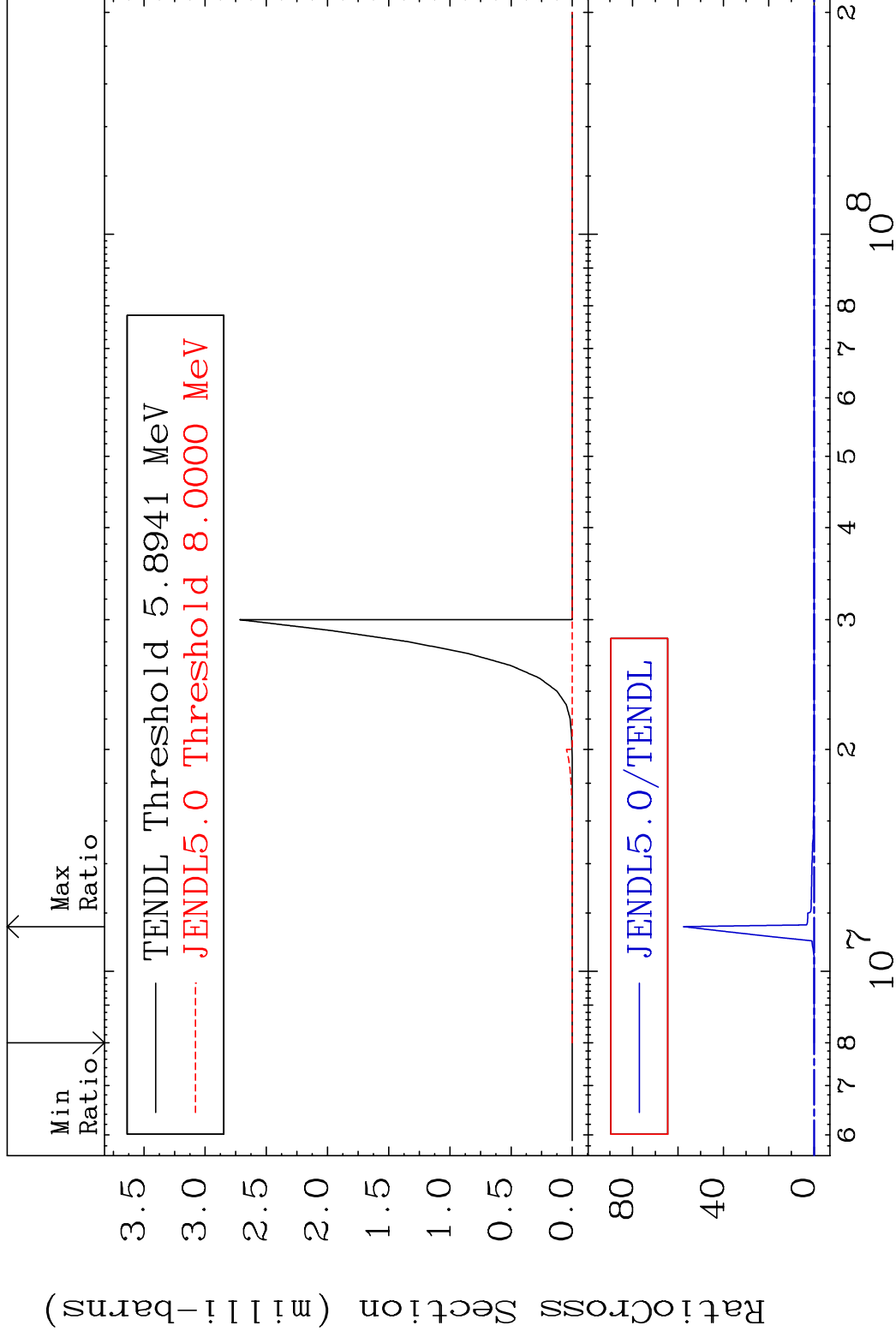
74-W -182

MAT 7431

(n,2n) α

74-W -182

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

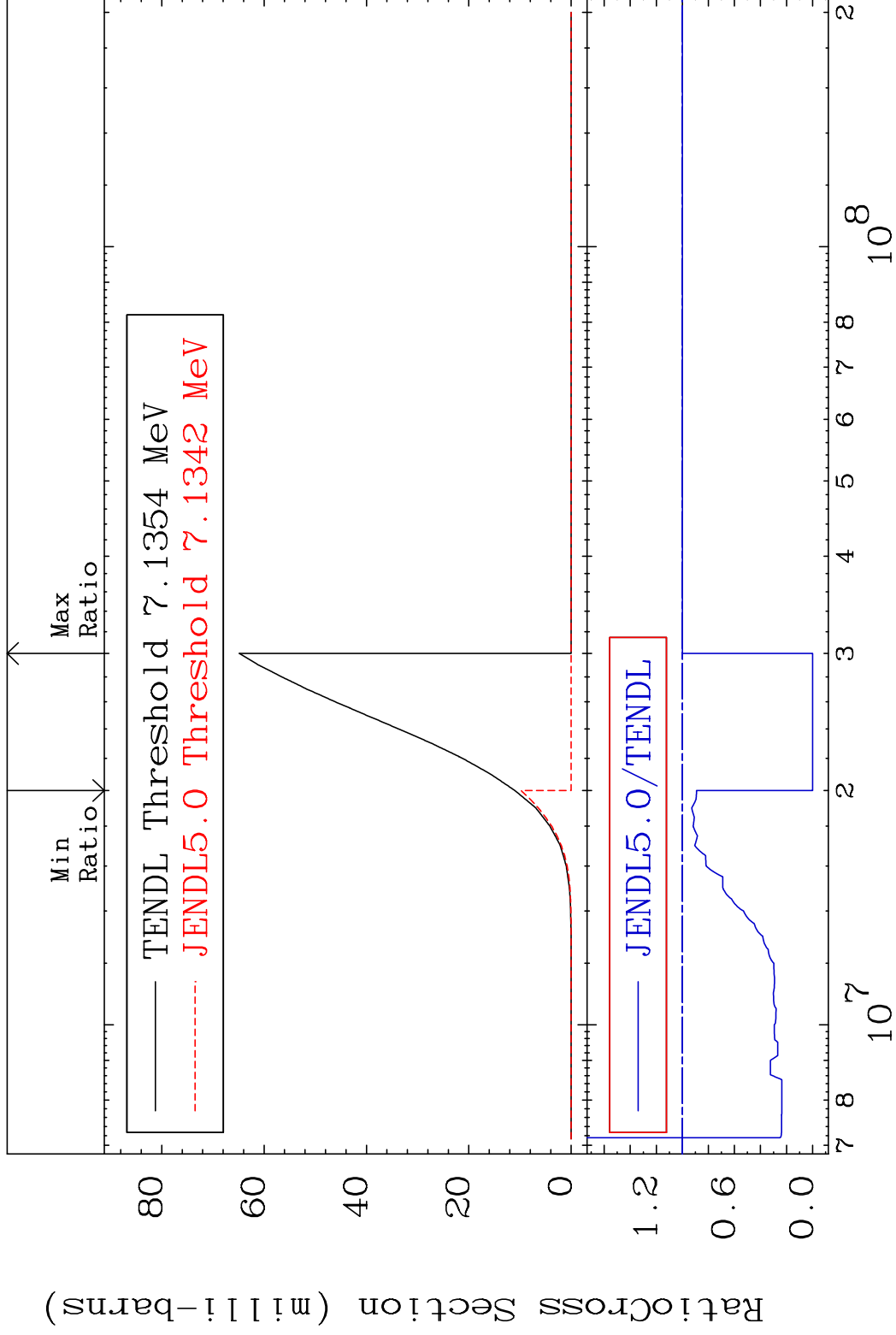
74-W -182

MAT 7431

(n, n') p

74-W -182

Cross Section -100.0 To 0.000 %



9

Incident Energy (eV)

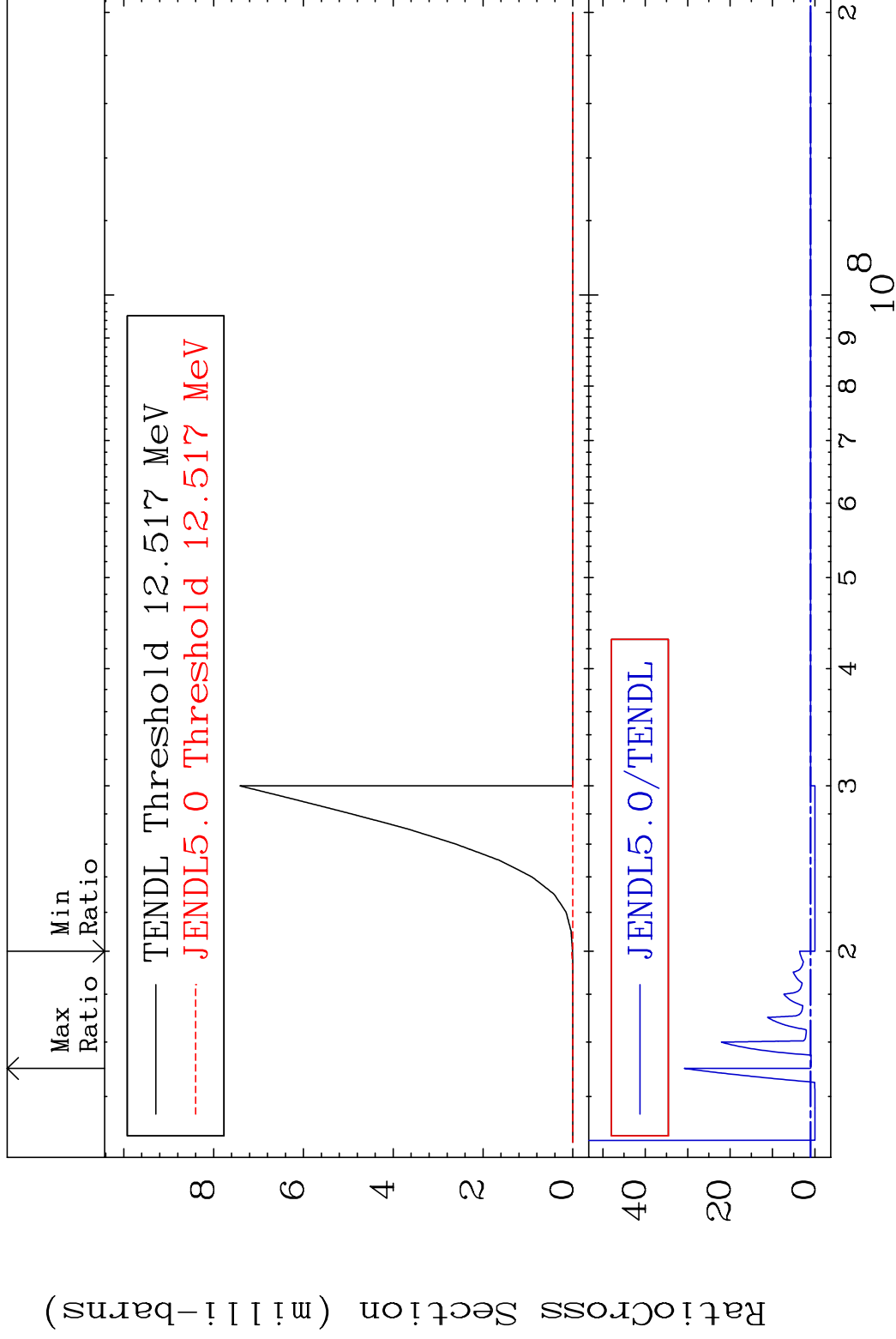
74-W -182

MAT 7431

(n, n') d

74-W -182

Cross Section -100.0 To 2979. %



10

Incident Energy (eV)

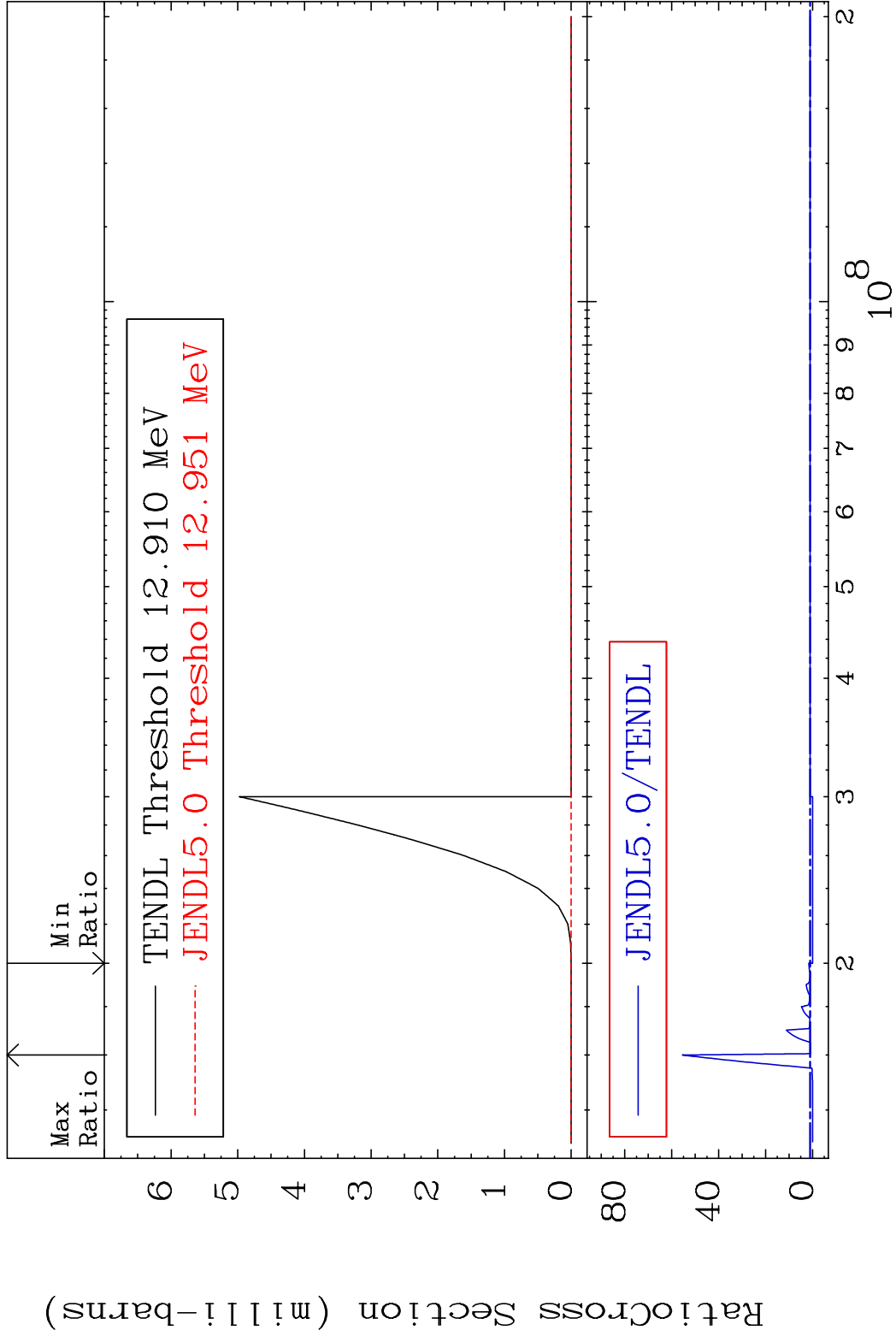
74-W -182

MAT 7431

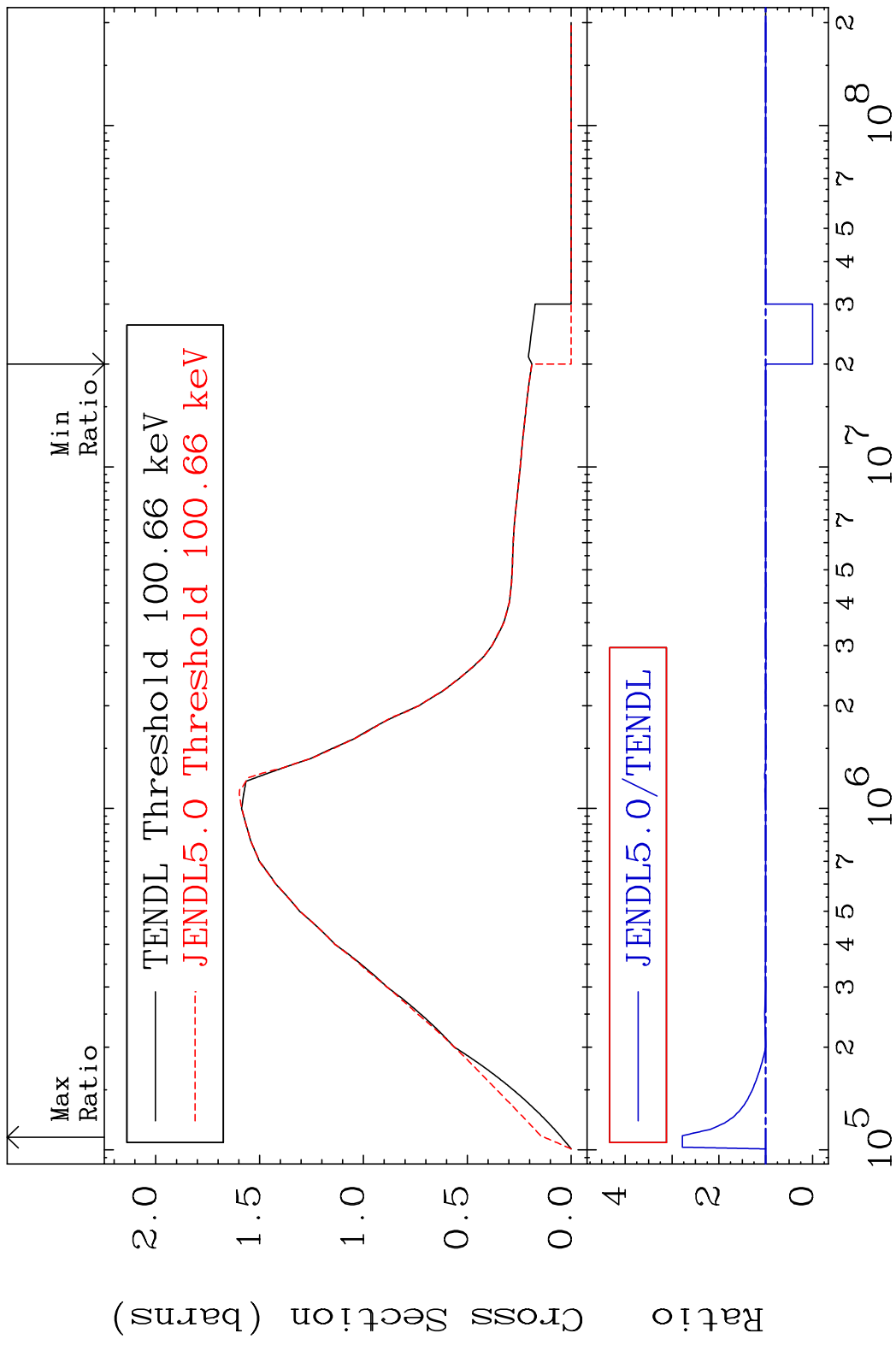
(n, n') t

74-W -182

Cross Section -100.0 To 5446. %

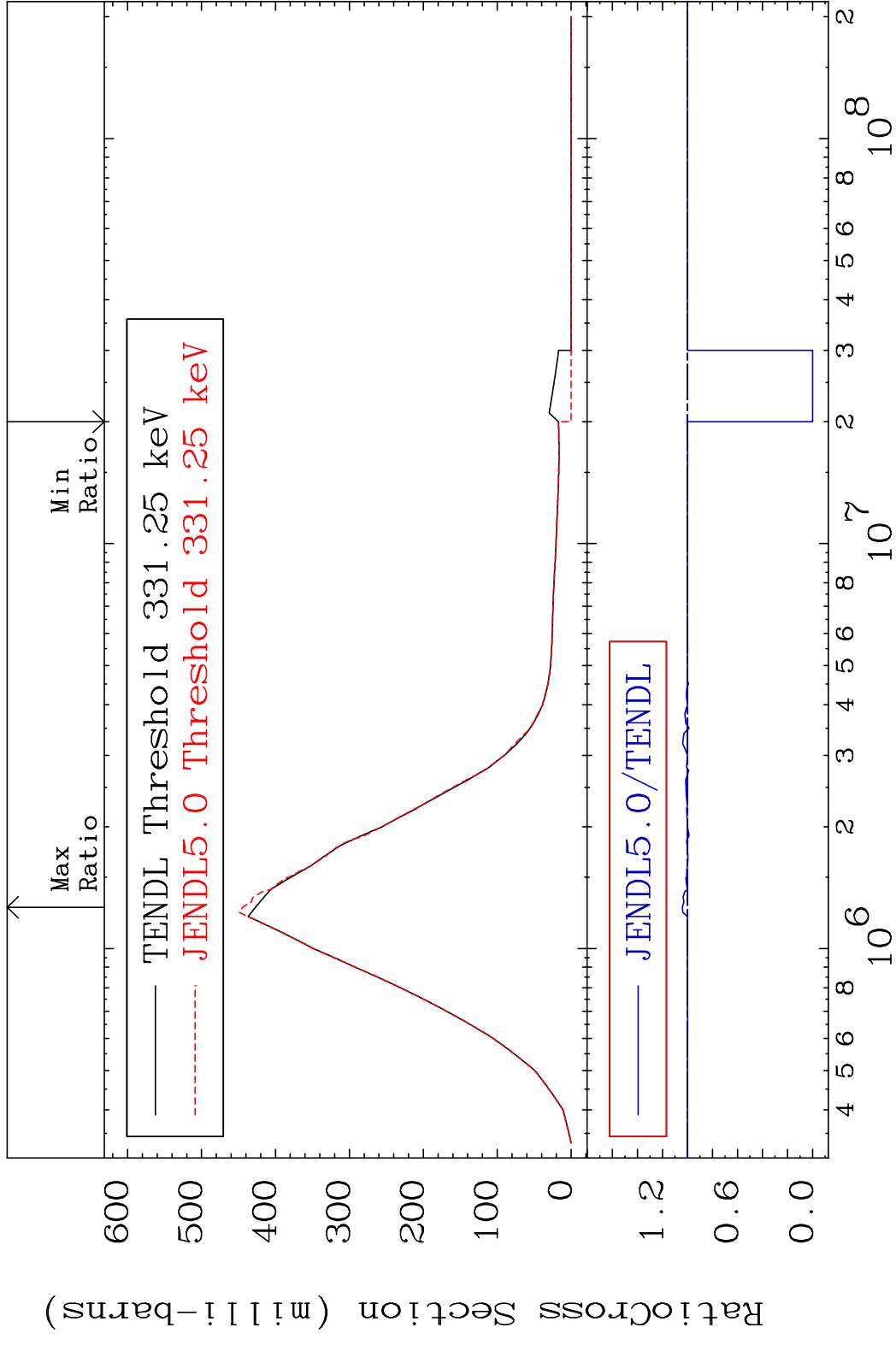


MAT 7431 MT= 51 (n, n') Level 74-W -182
 Cross Section -100.0 To 177.9 %

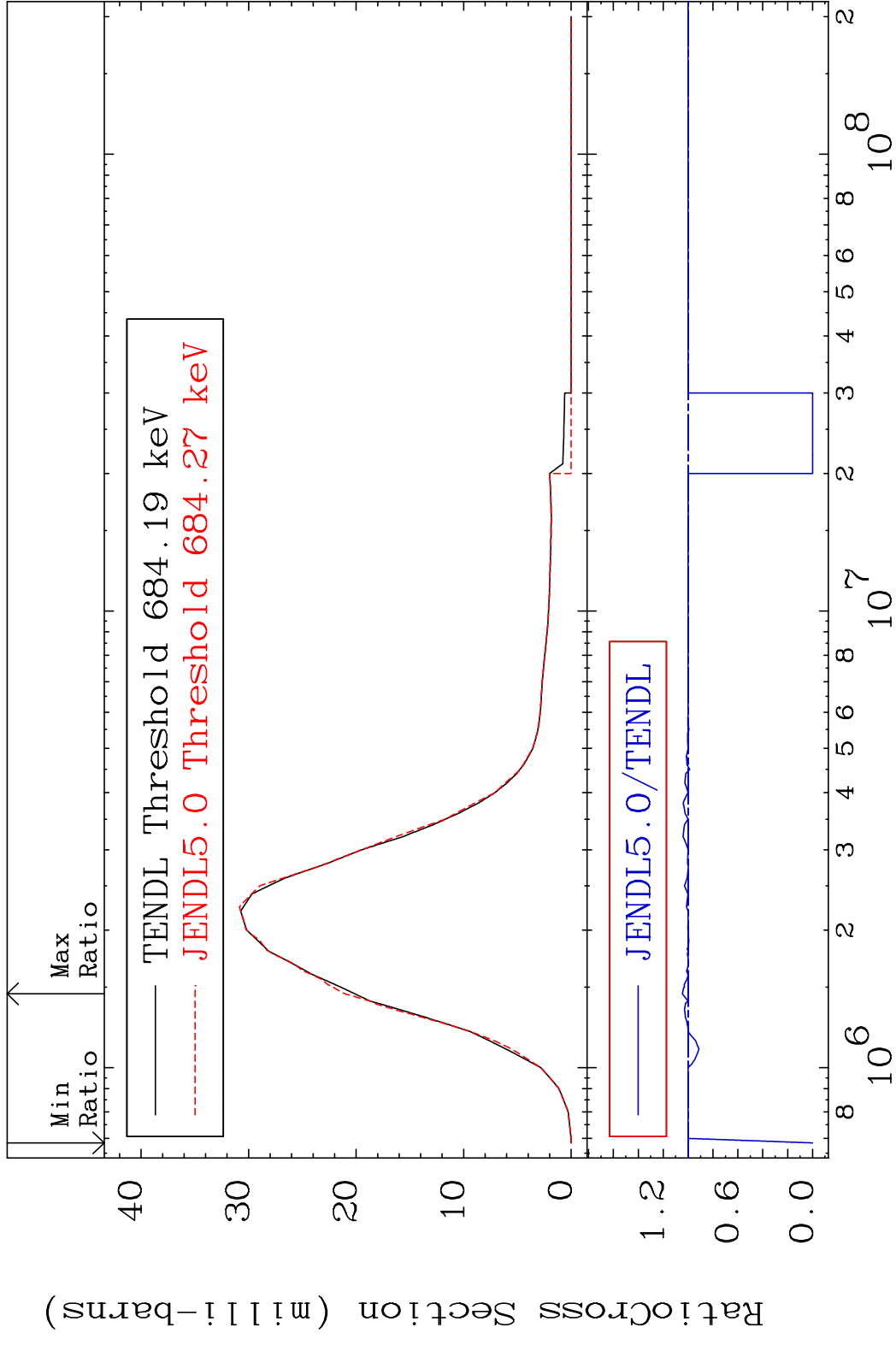


12 Incident Energy (eV) 74-W -182

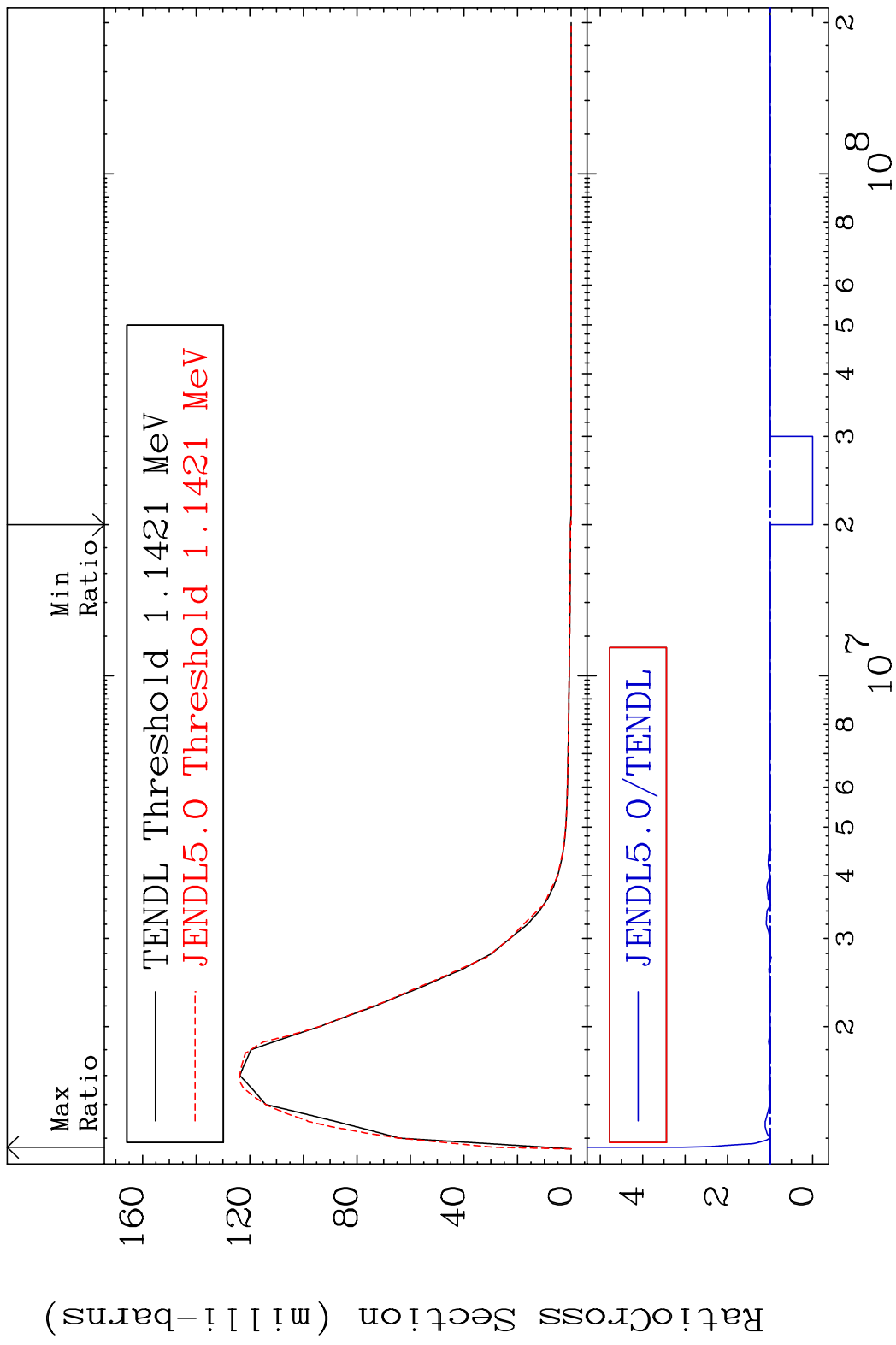
MAT 7431 MT= 52 (n, n') Level 74-W -182
 Cross Section -100.0 To 4.078 %



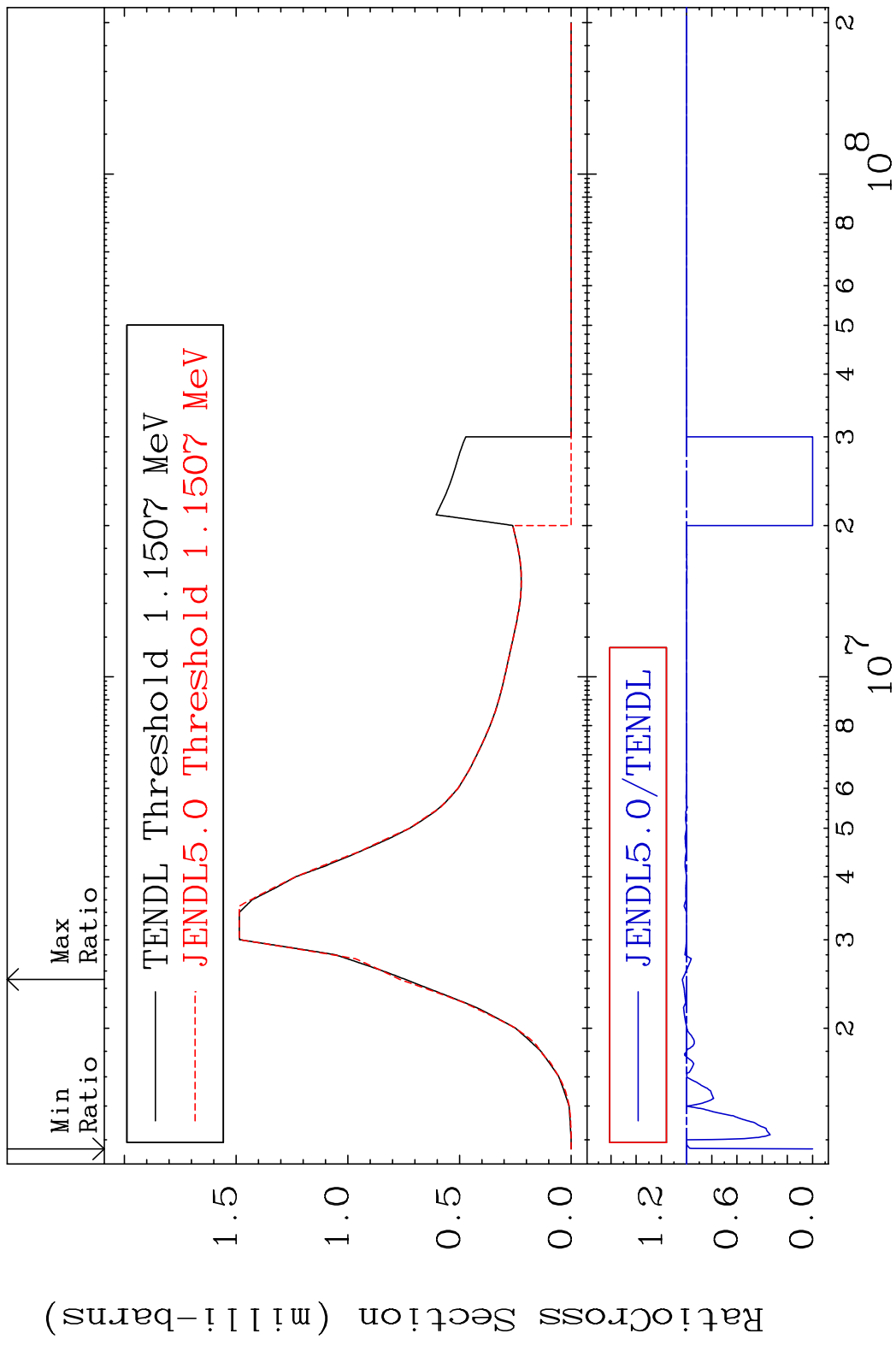
MAT 7431 MT= 53 (n, n') Level 74-W -182
 Cross Section -100.0 To 4.600 %



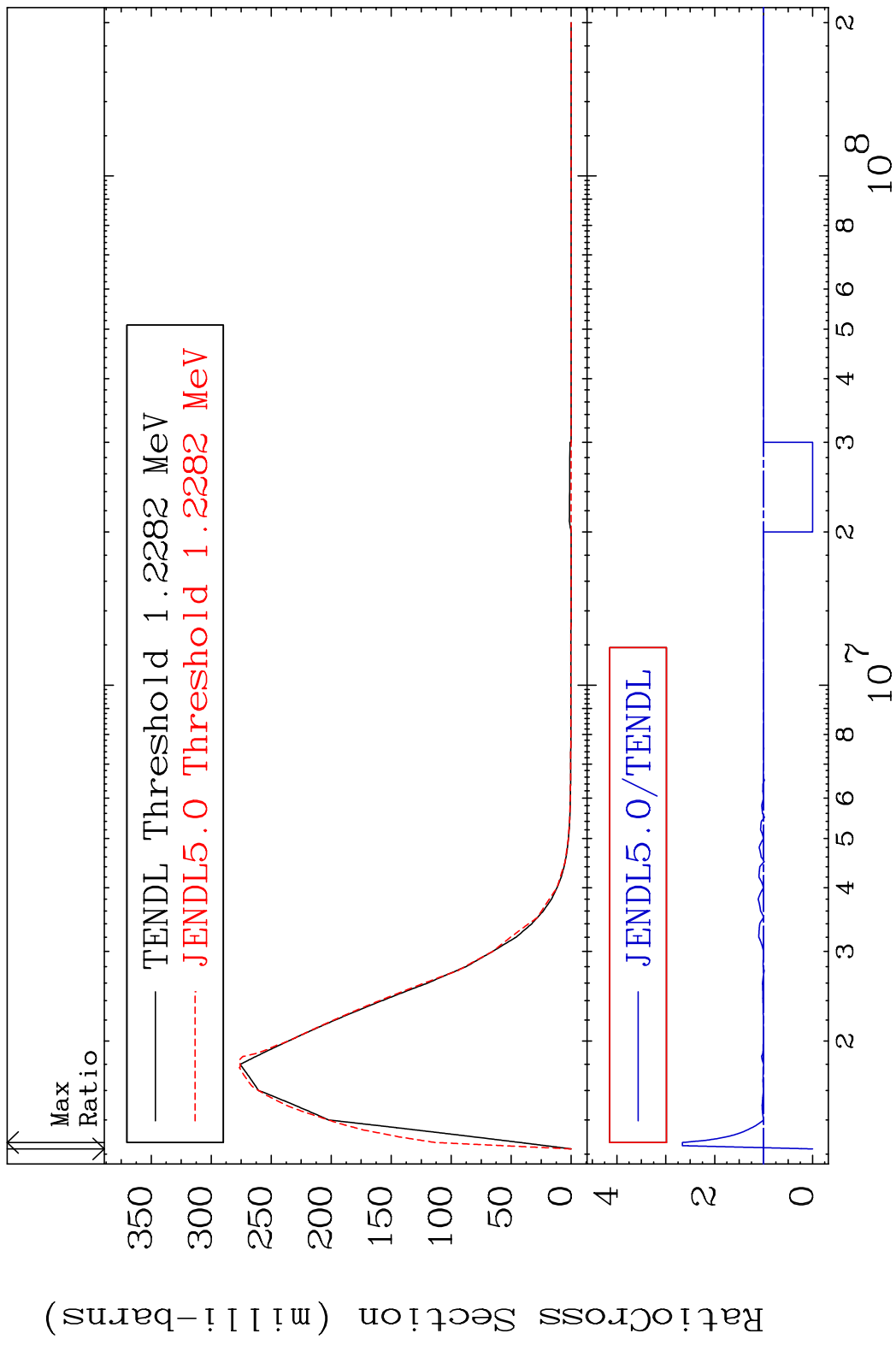
MAT 7431 MT= 54 (n, n') Level 74-W -182
 Cross Section -100.0 To 206.6 %



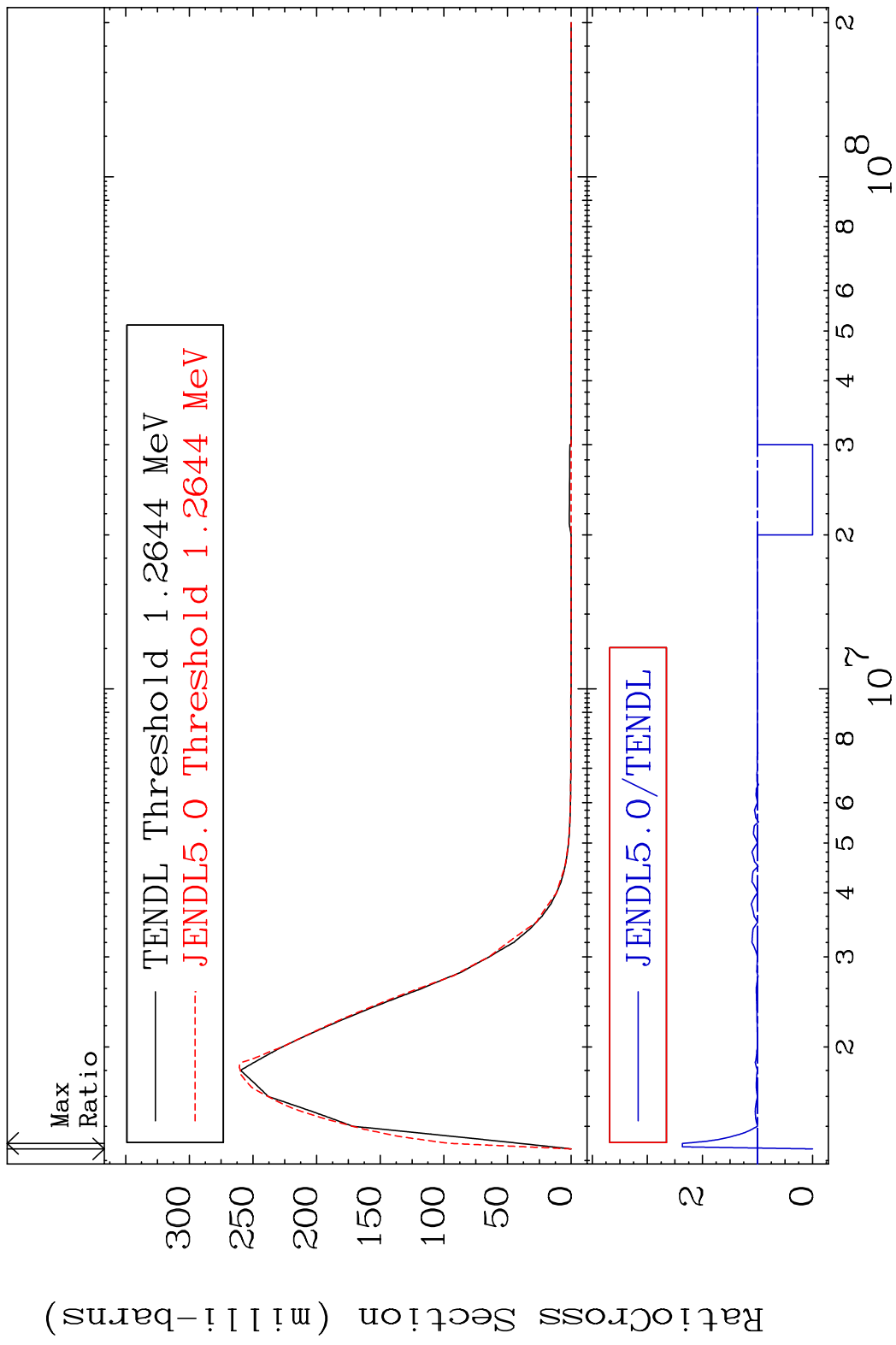
MAT 7431 MT= 55 (n,n') Level 74-W -182
 Cross Section -100.0 To 3.355 %



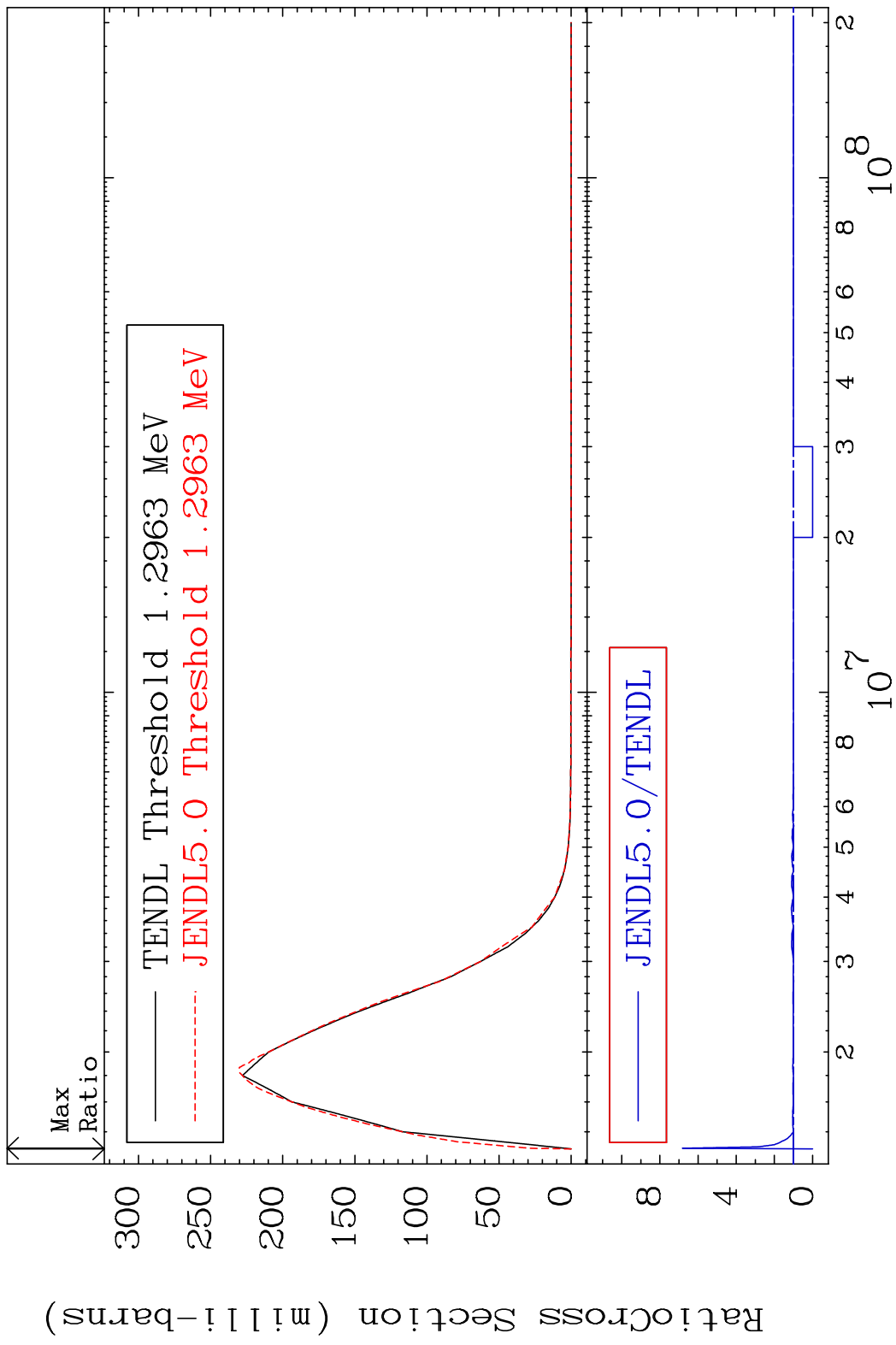
MAT 7431 MT= 56 (n,n') Level 74-W -182
 Cross Section -100.0 To 166.1 %



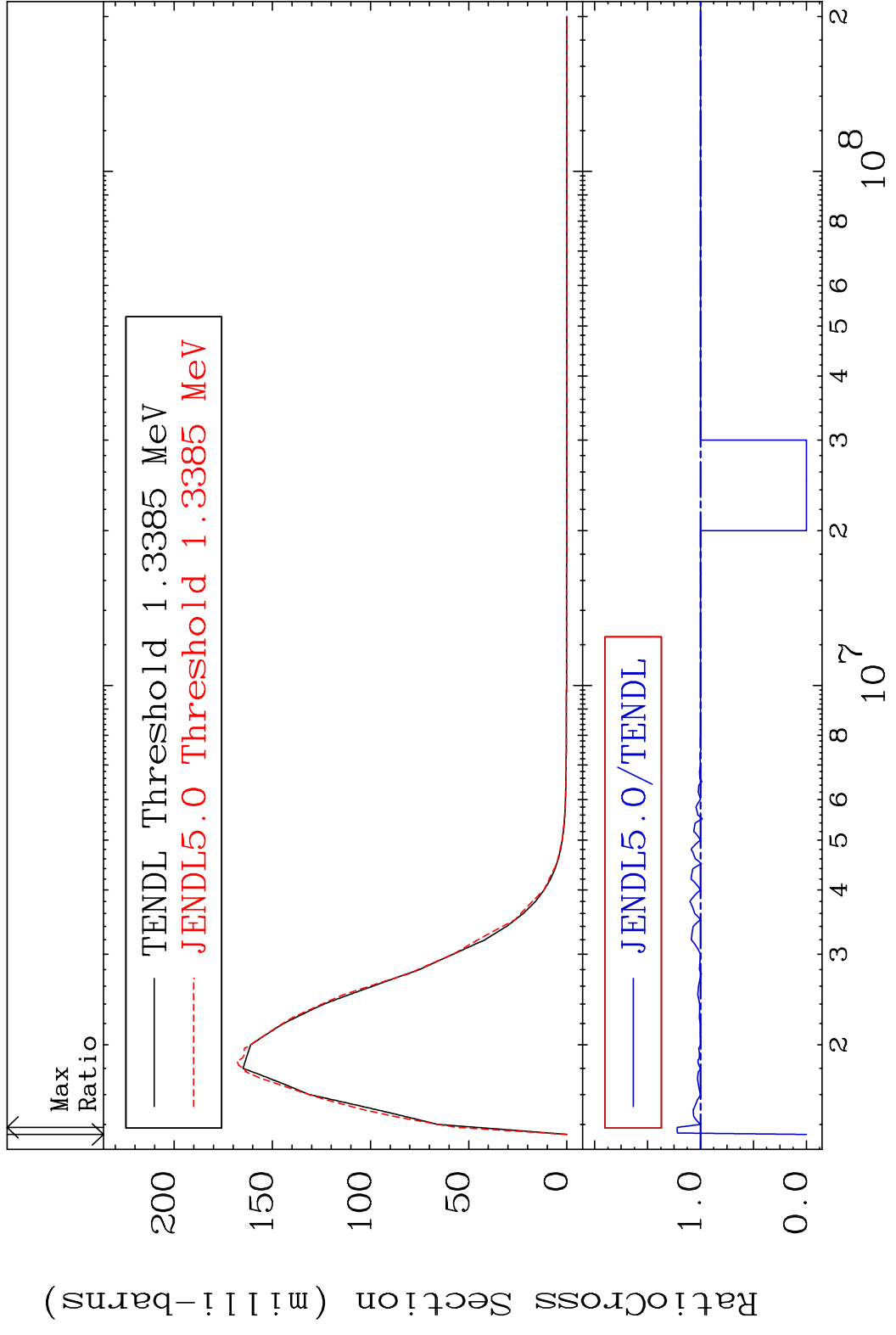
MAT 7431 MT= 57 (n, n') Level 74-W -182
 Cross Section -100.0 To 136.5 %



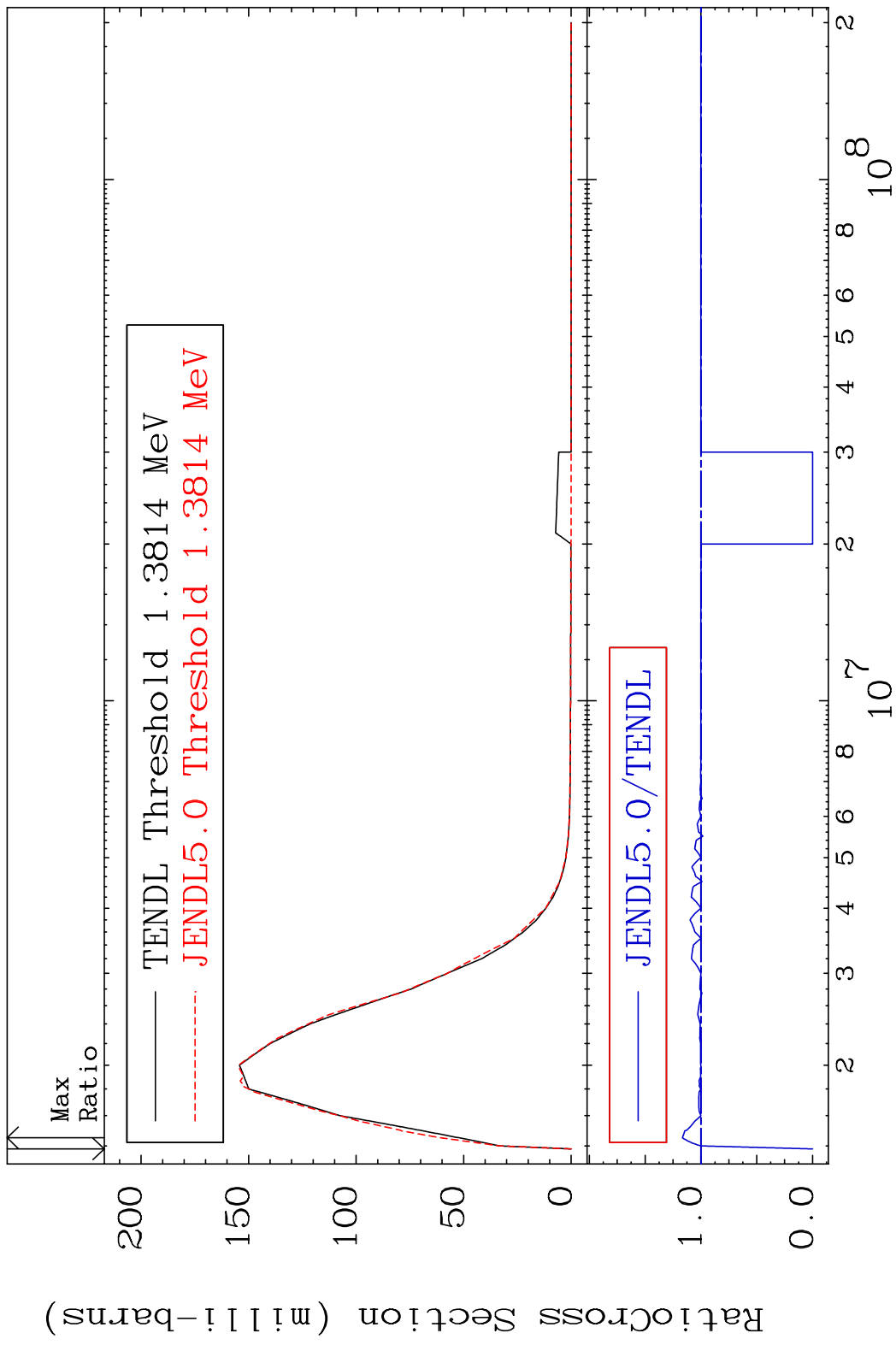
MAT 7431 MT= 58 (n, n') Level 74-W -182
 Cross Section -100.0 To 582.2 %



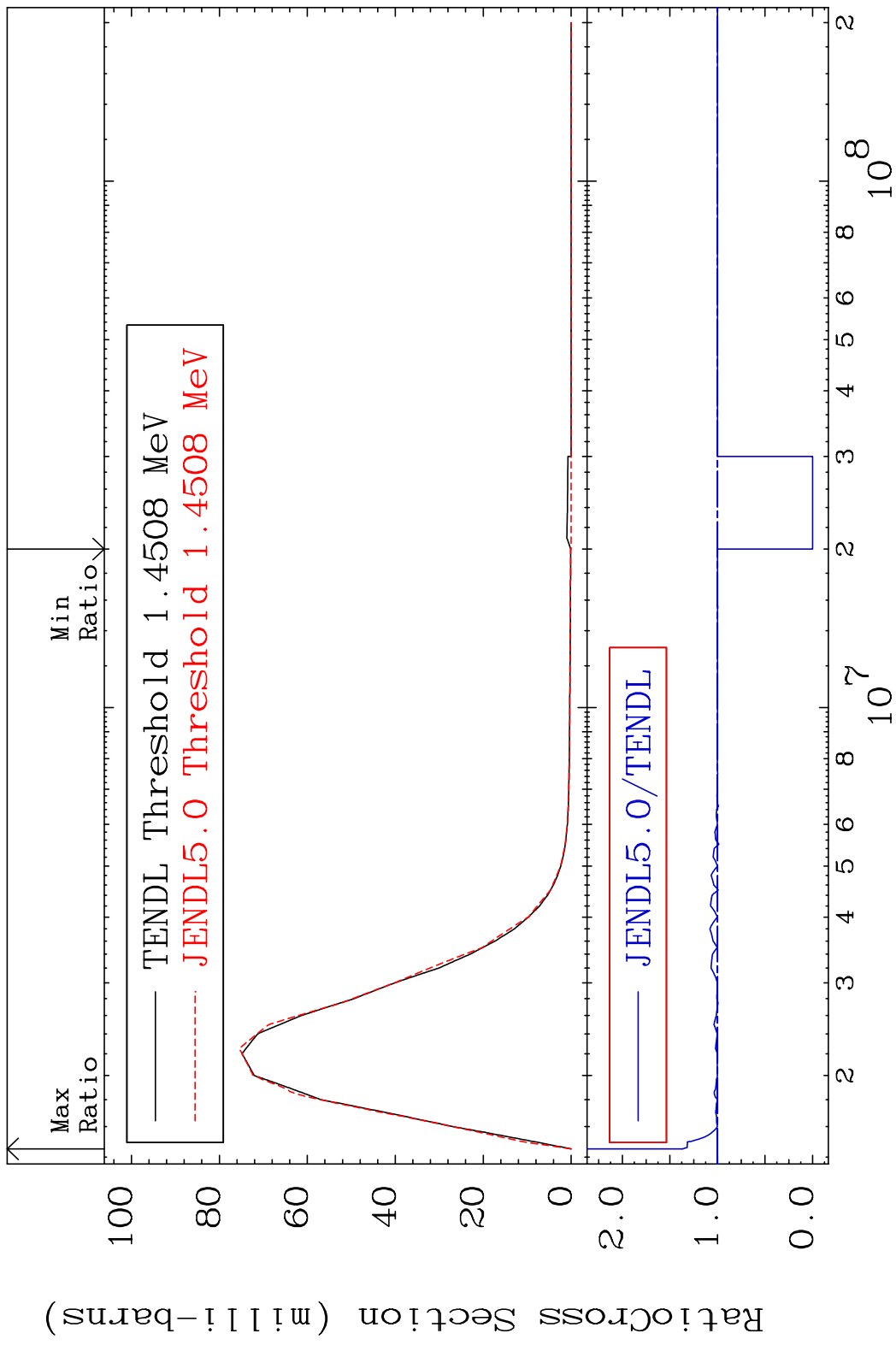
MAT 7431 MT= 59 (n, n') Level 74-W -182
 Cross Section -100.0 To 22.04 %



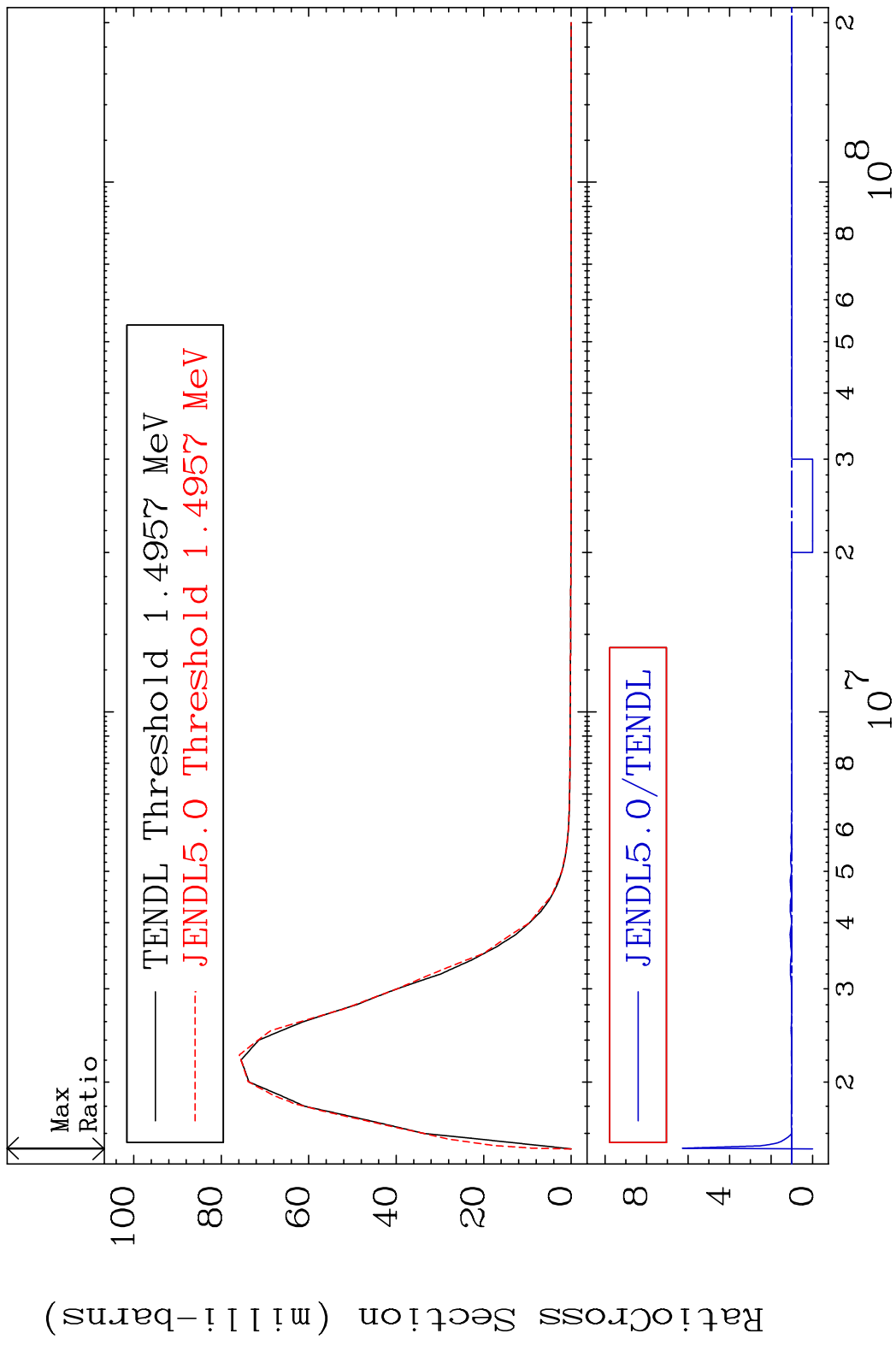
MAT 7431 MT= 60 (n, n') Level 74-W -182
 Cross Section -100.0 To 16.65 %



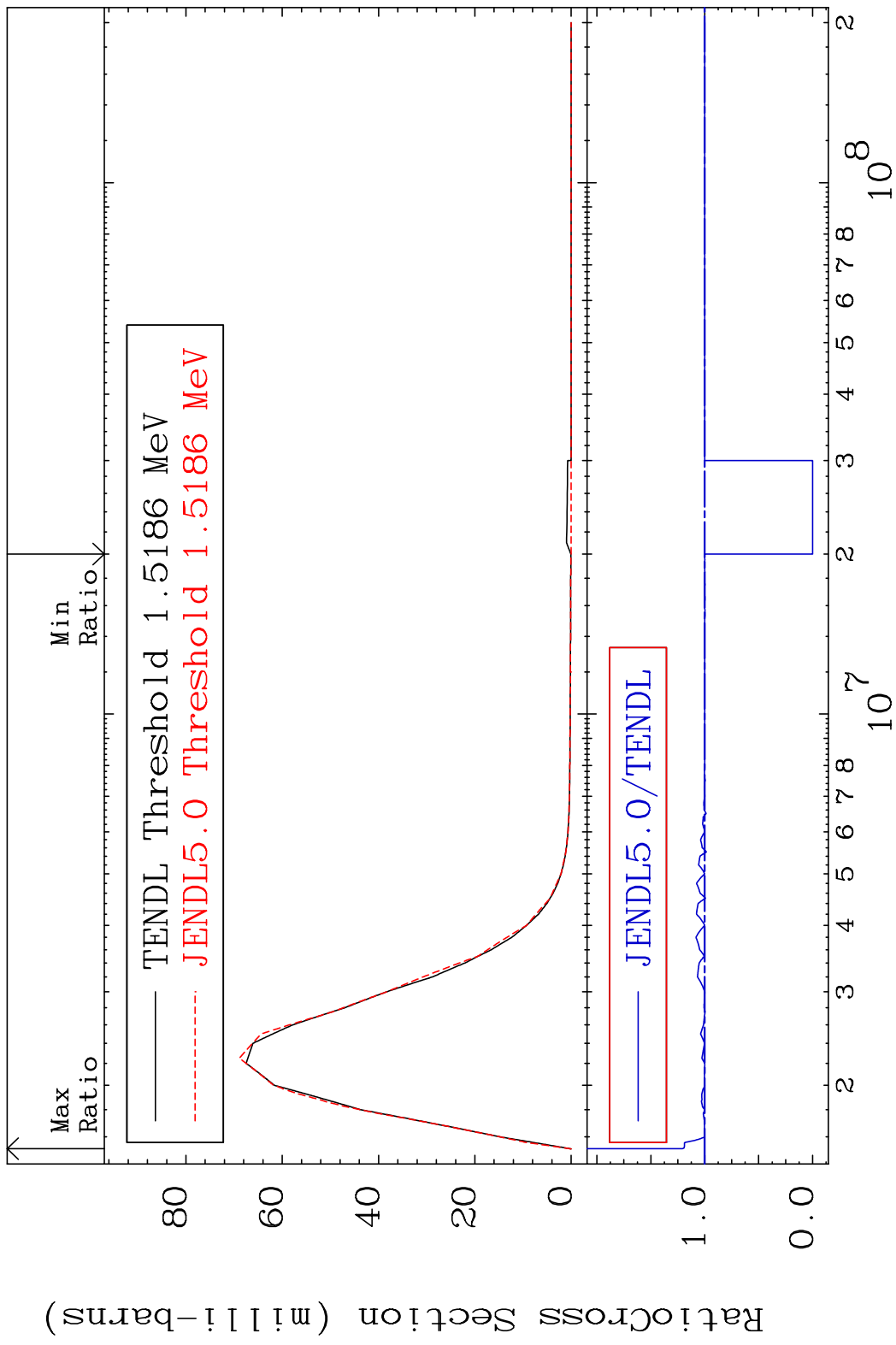
MAT 7431 MT= 61 (n, n') Level 74-W -182
 Cross Section -100.0 To 36.94 %



MAT 7431 MT= 62 (n,n') Level 74-W -182
 Cross Section -100.0 To 527.4 %



MAT 7431 MT= 63 (n, n') Level 74-W -182
 Cross Section -100.0 To 20.77 %

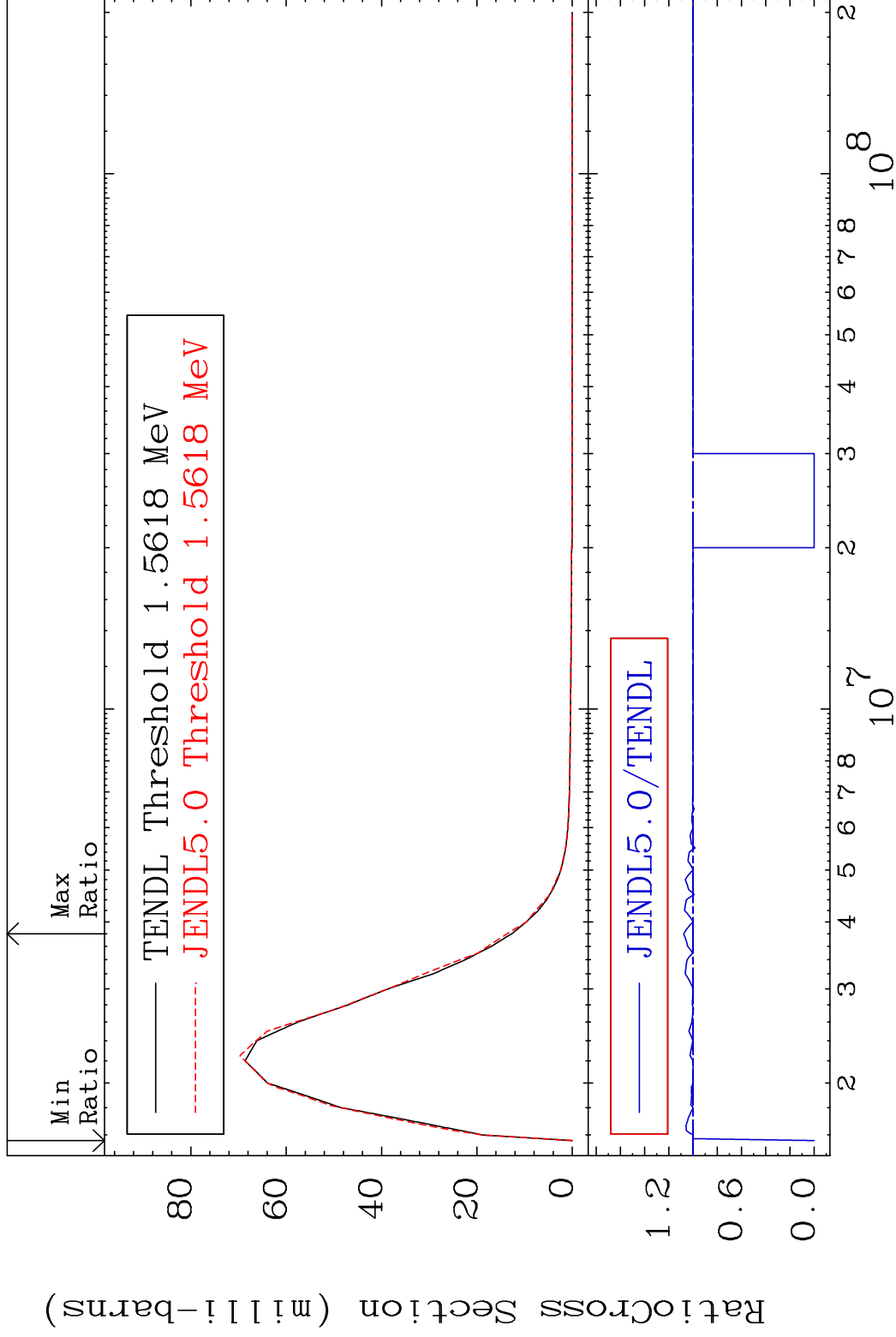


MAT 7431

MT= 64 (n, n') Level

74-W -182

Cross Section -100.0 To 7.798 %

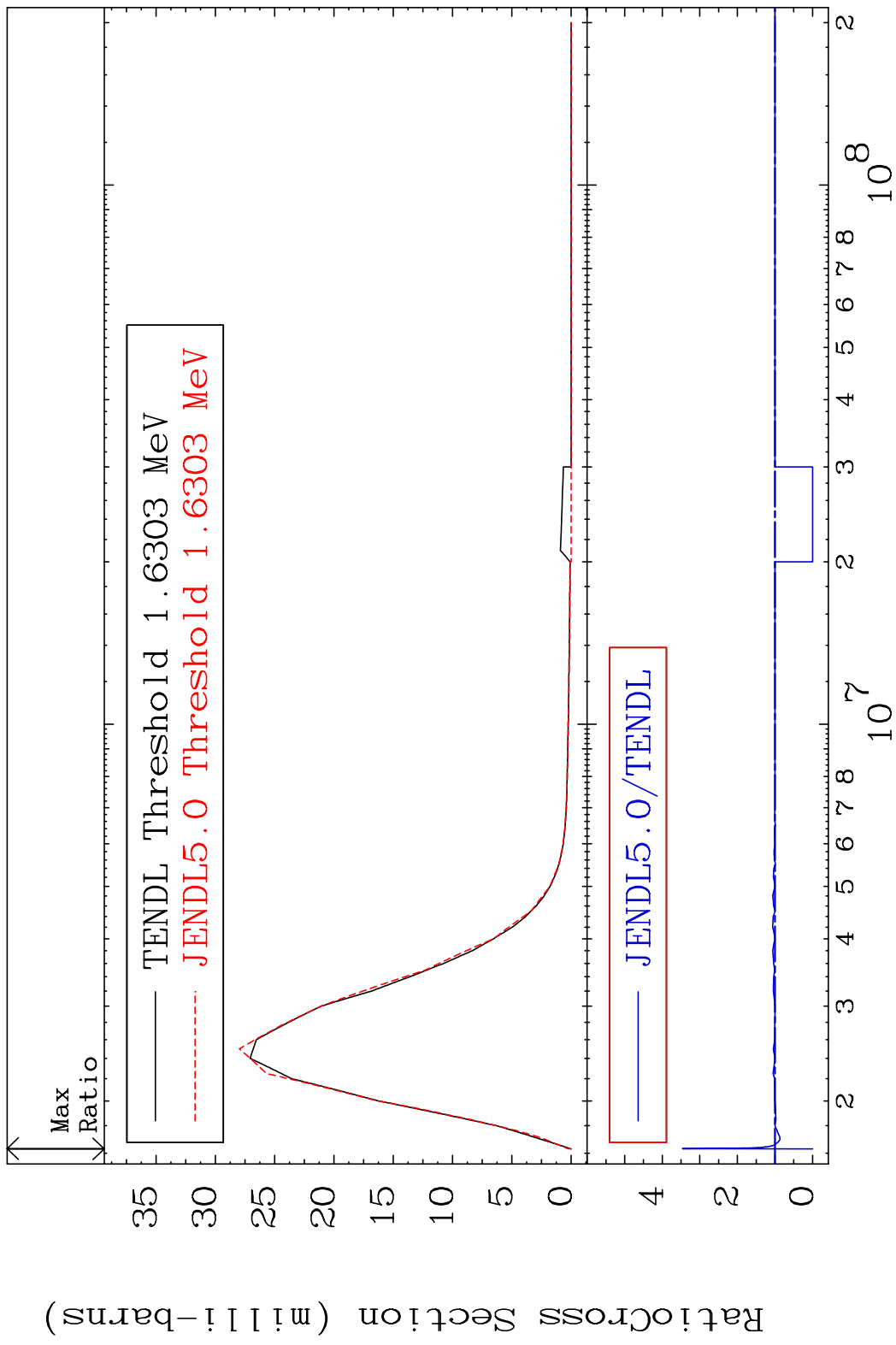


25

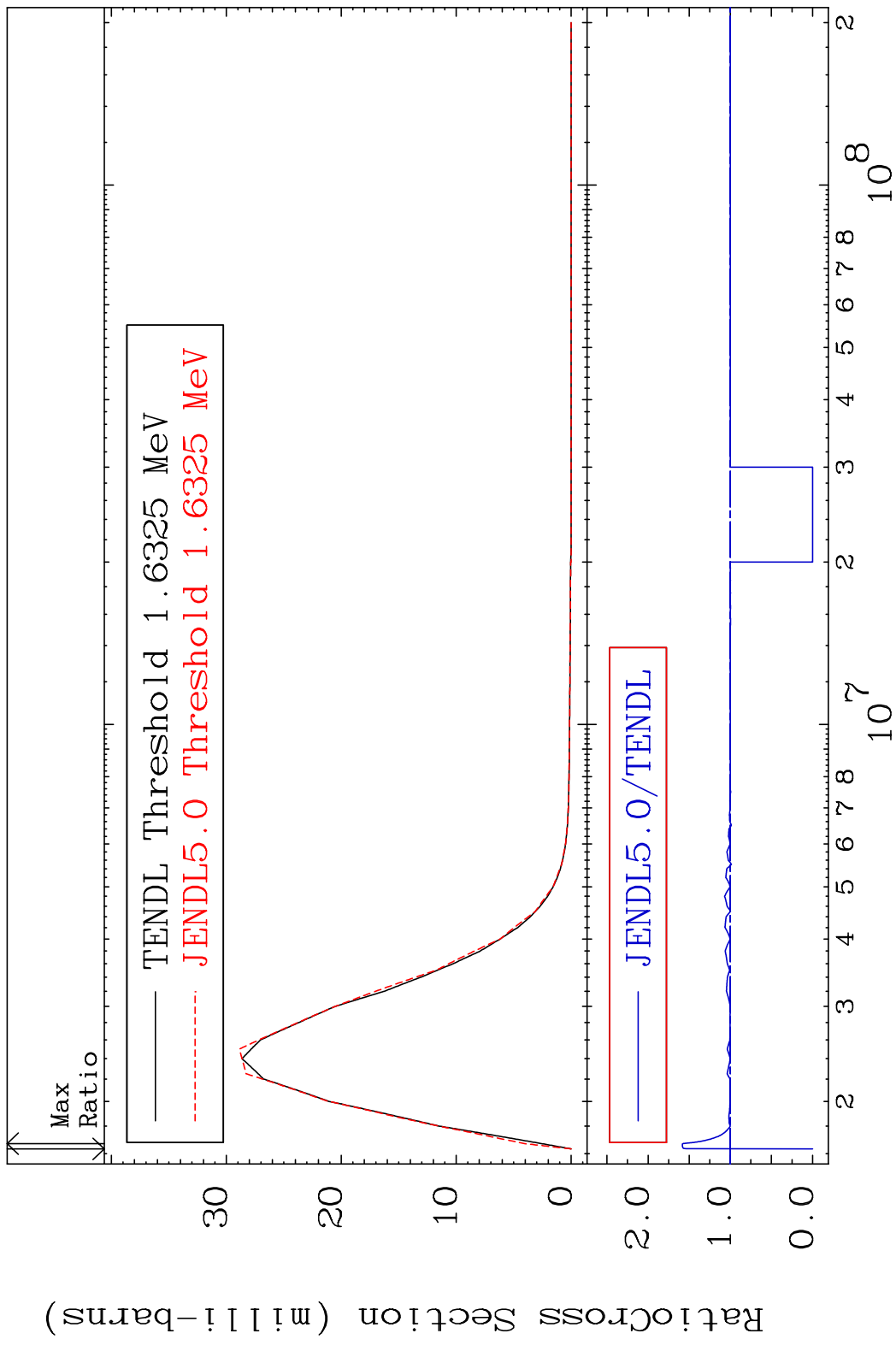
Incident Energy (eV)

74-W -182

MAT 7431 MT= 65 (n,n') Level 74-W -182
 Cross Section -100.0 To 246.5 %

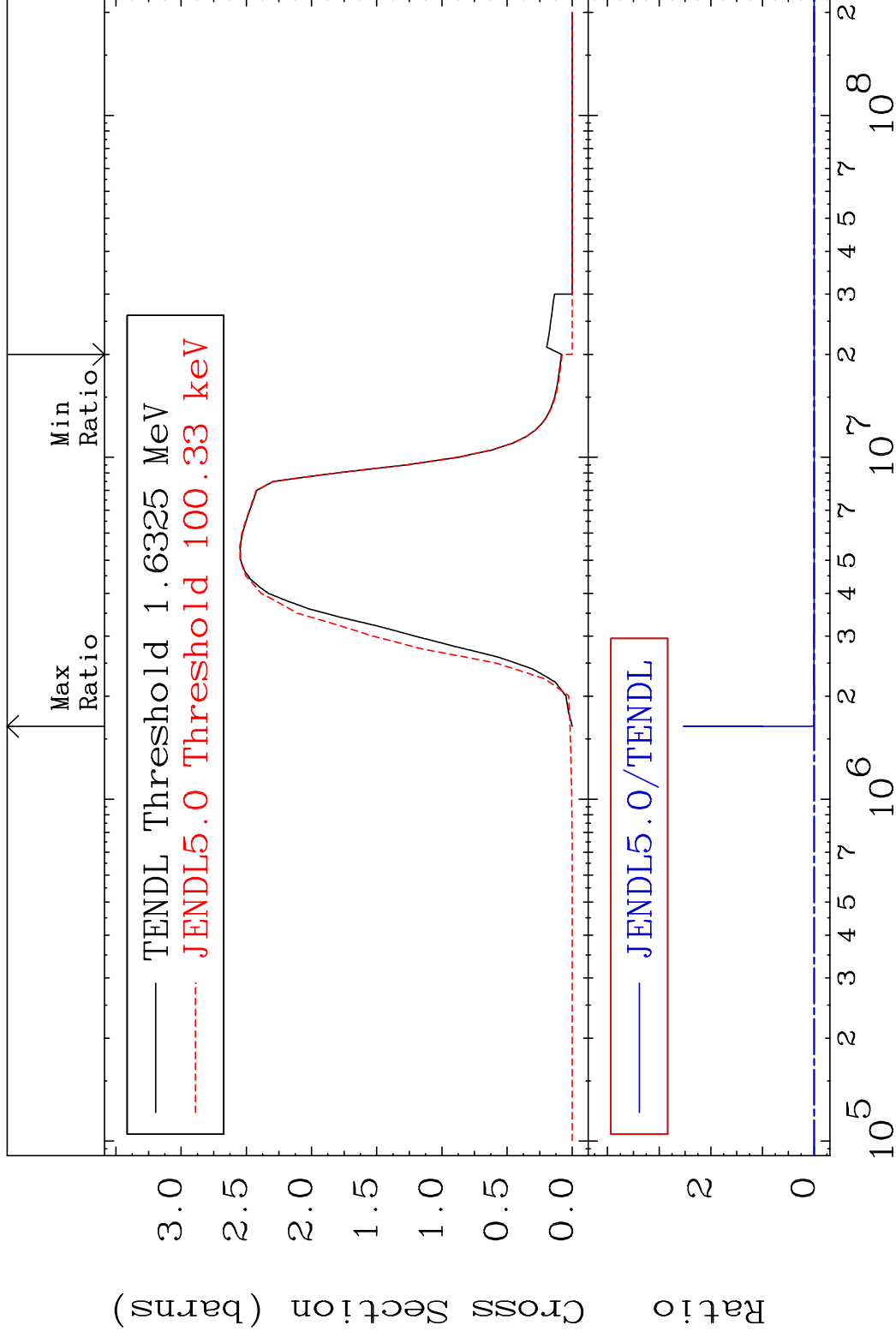


MAT 7431 MT= 66 (n,n') Level 74-W -182
 Cross Section -100.0 To 58.32 %



MAT 7431

(n, n') Continuum 74-W -182
Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

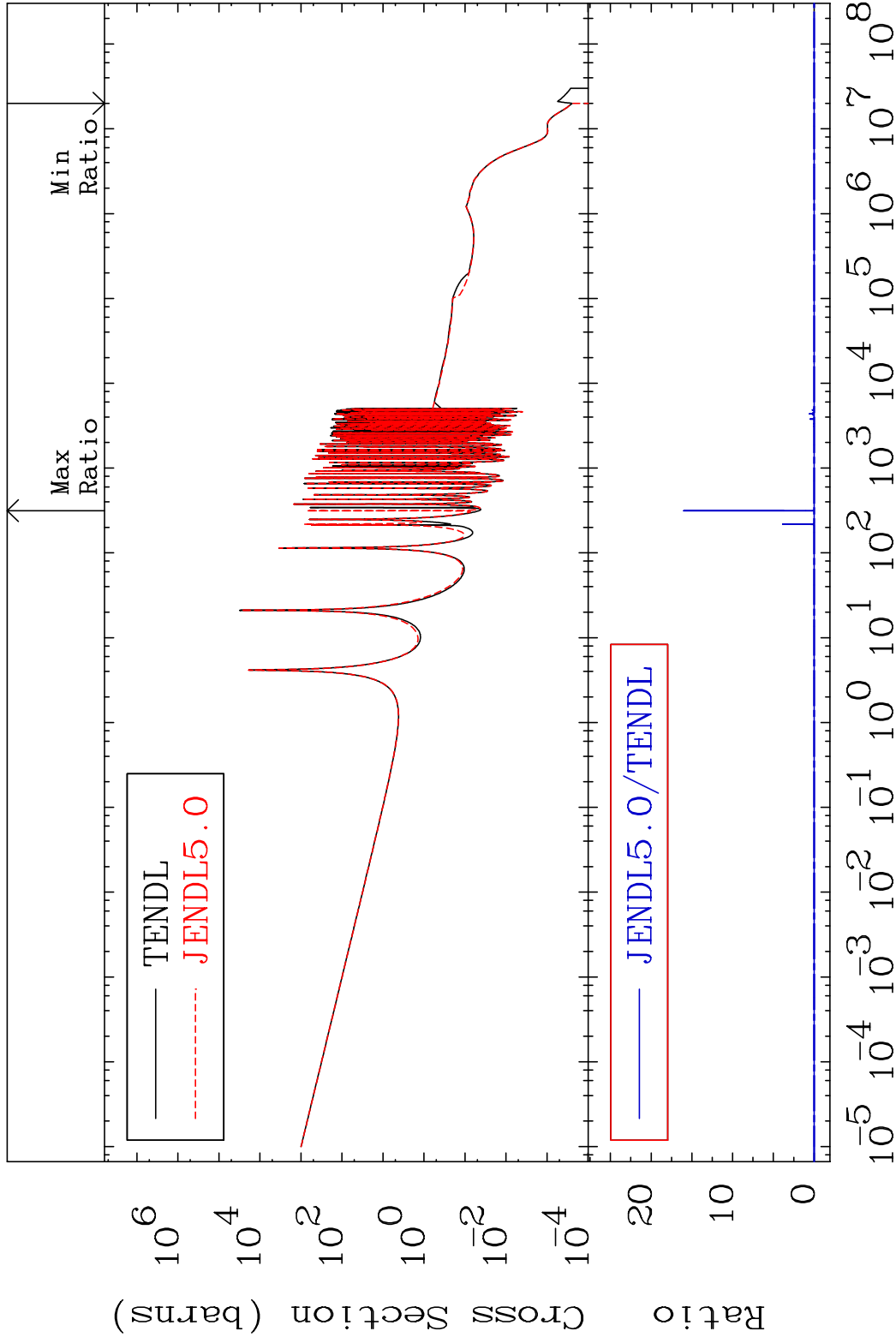
74-W -182

MAT 7431

(n, γ)

74-W -182

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

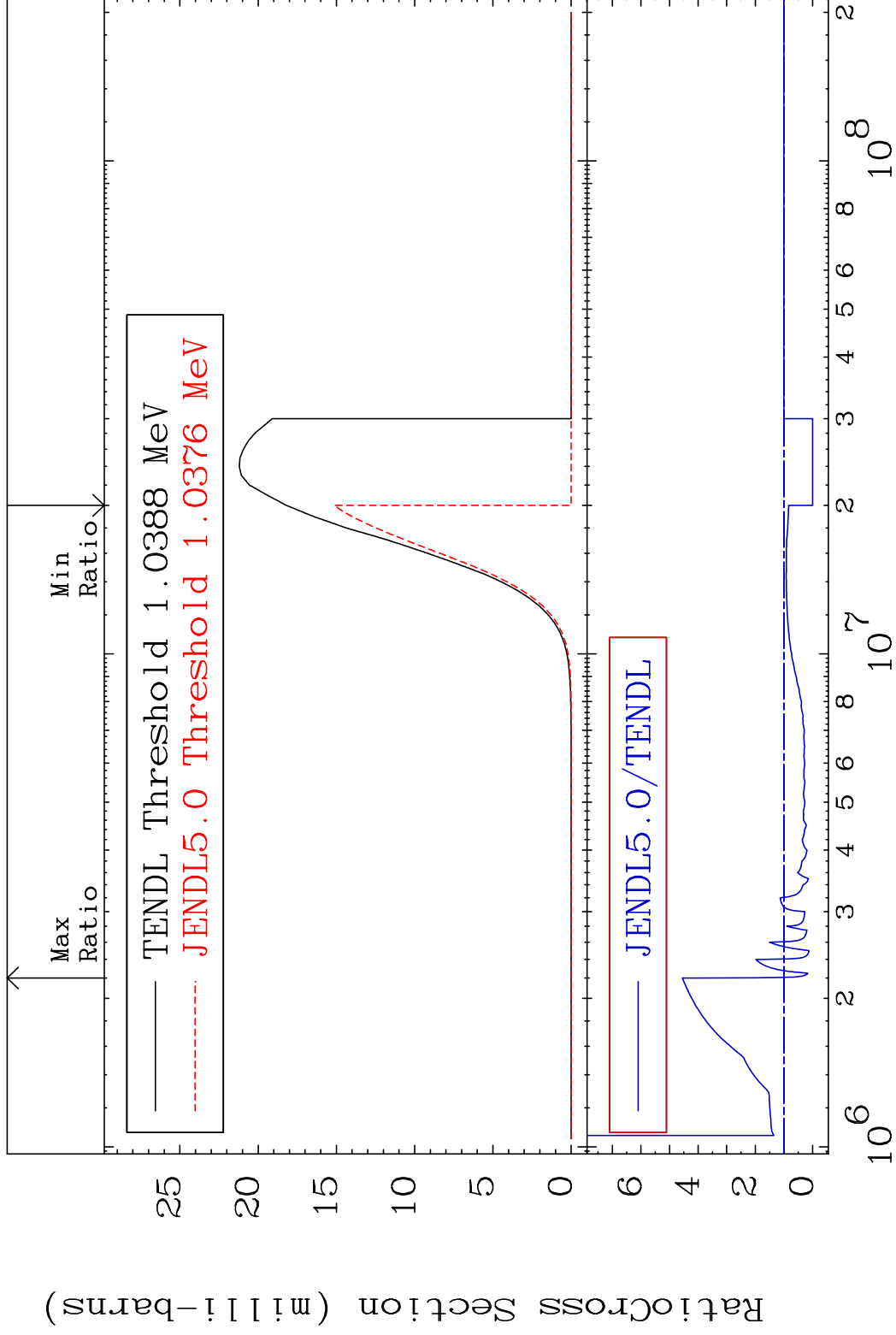
74-W -182

MAT 7431

(n, p)

74-W -182

Cross Section -100.0 To 355.2 %



30

Incident Energy (eV)

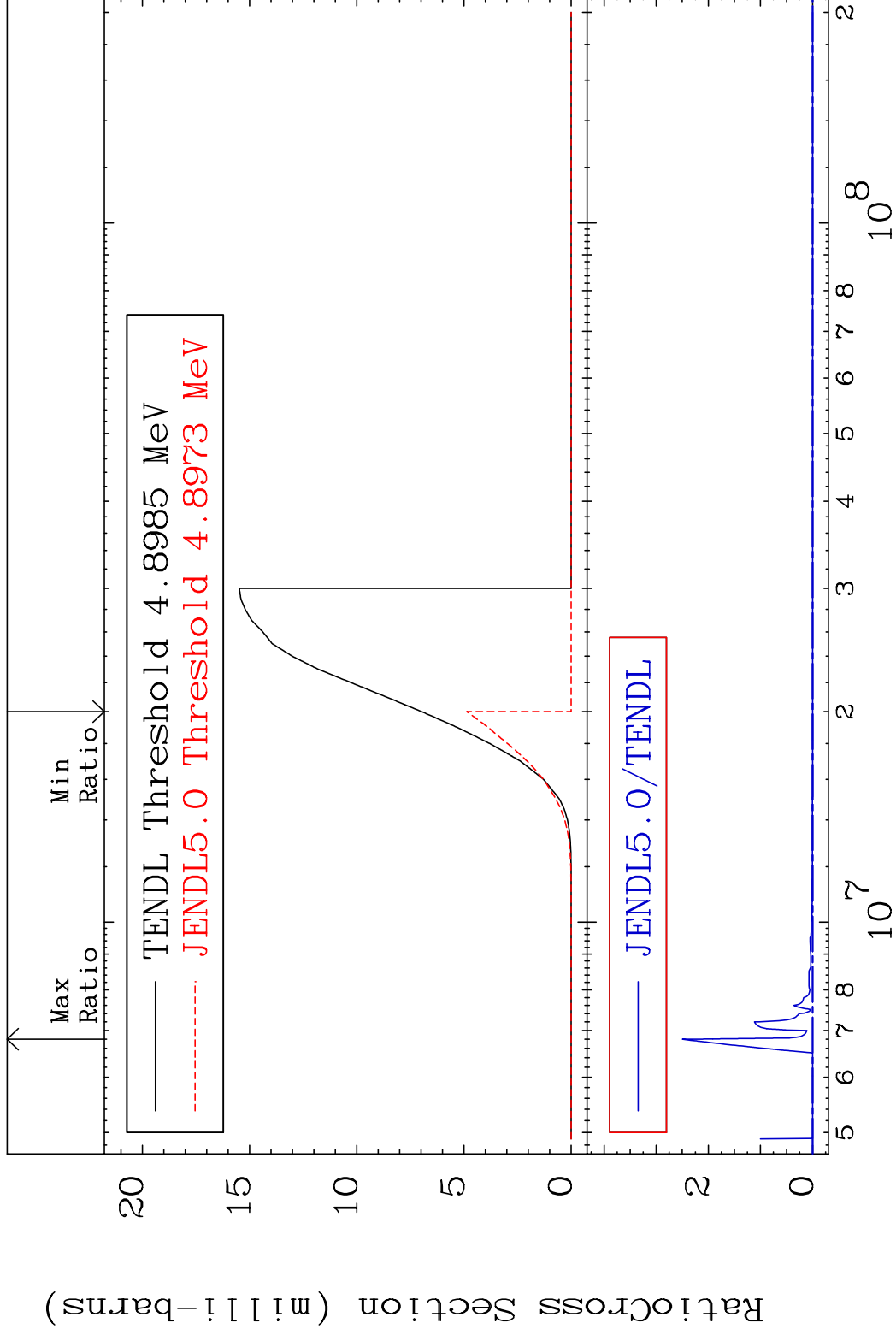
74-W -182

MAT 7431

(n,d)

74-W -182

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

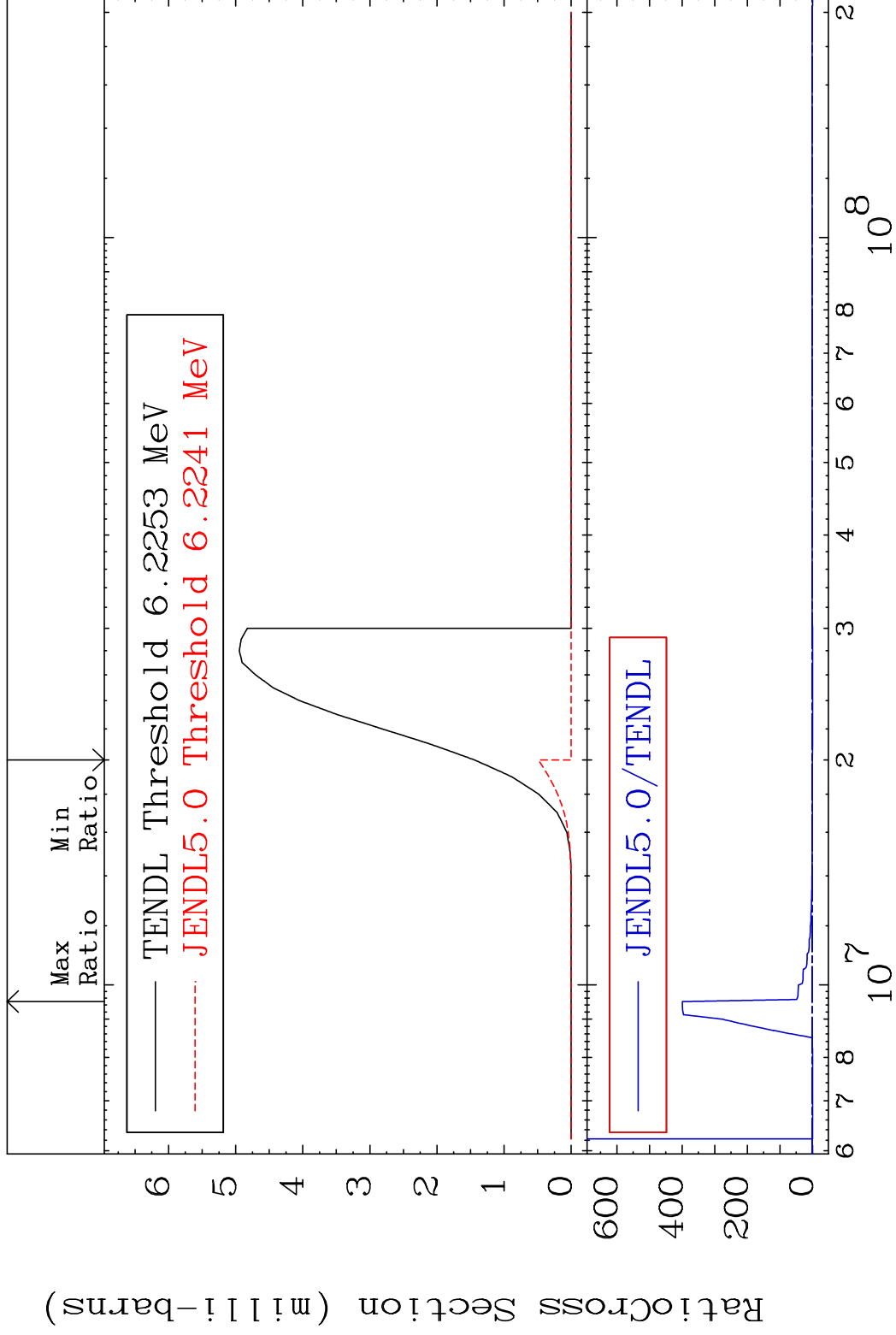
74-W -182

MAT 7431

(n, t)

74-W -182

Cross Section -100.0 To 9999. %



32

Incident Energy (eV)

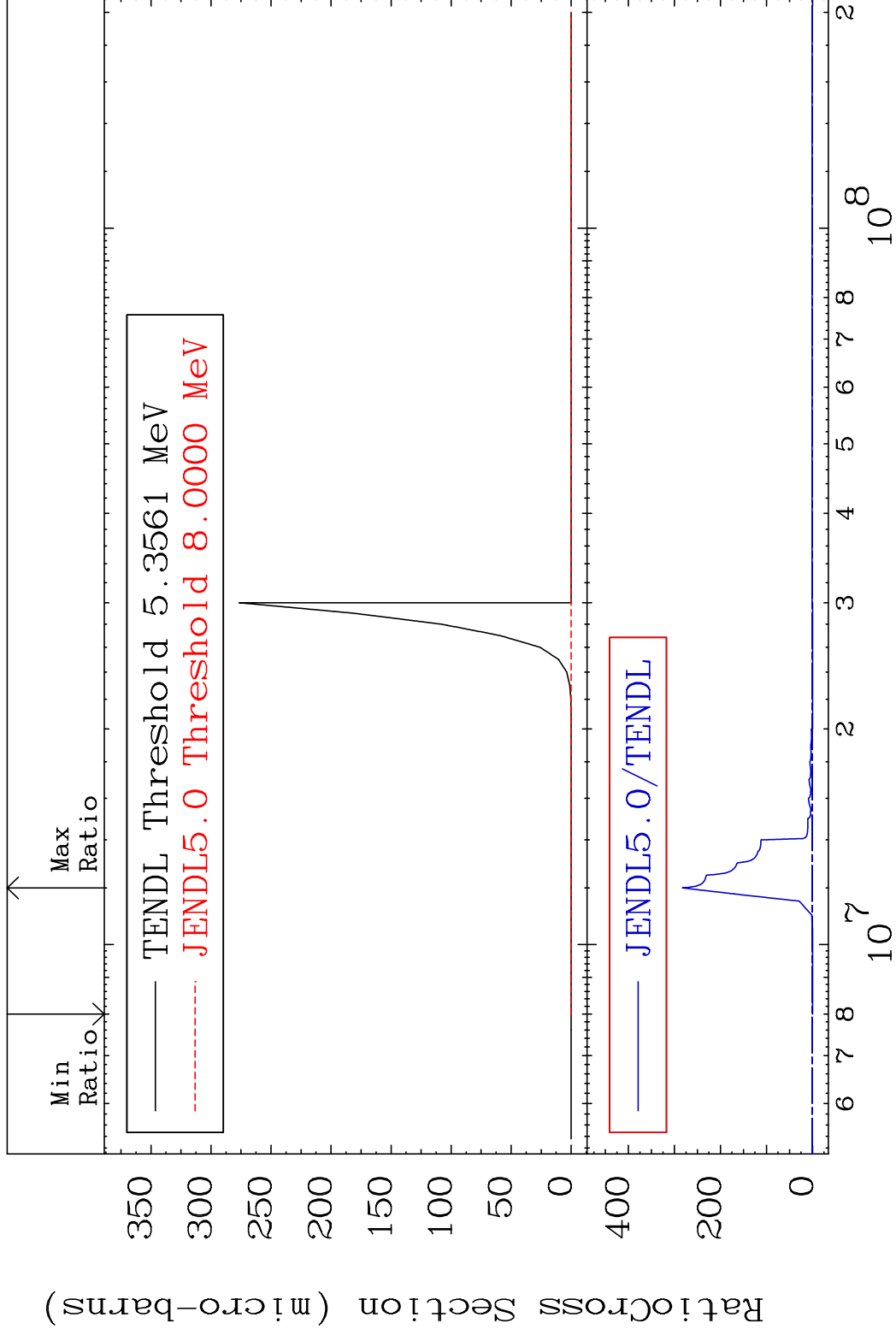
74-W -182

MAT 7431

(n, He-3)

74-W -182

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

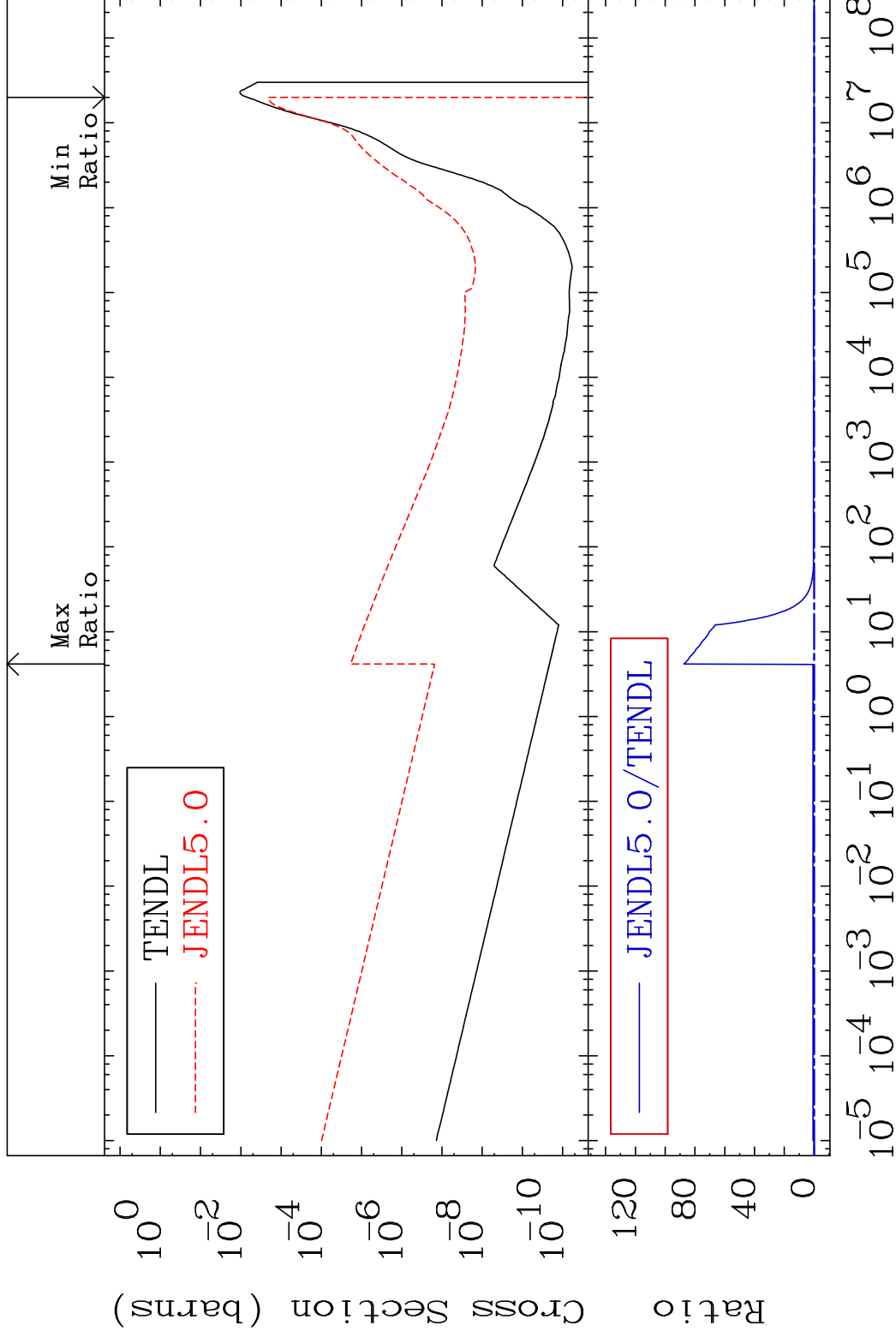
74-W -182

MAT 7431

(n, α)

74-W -182

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

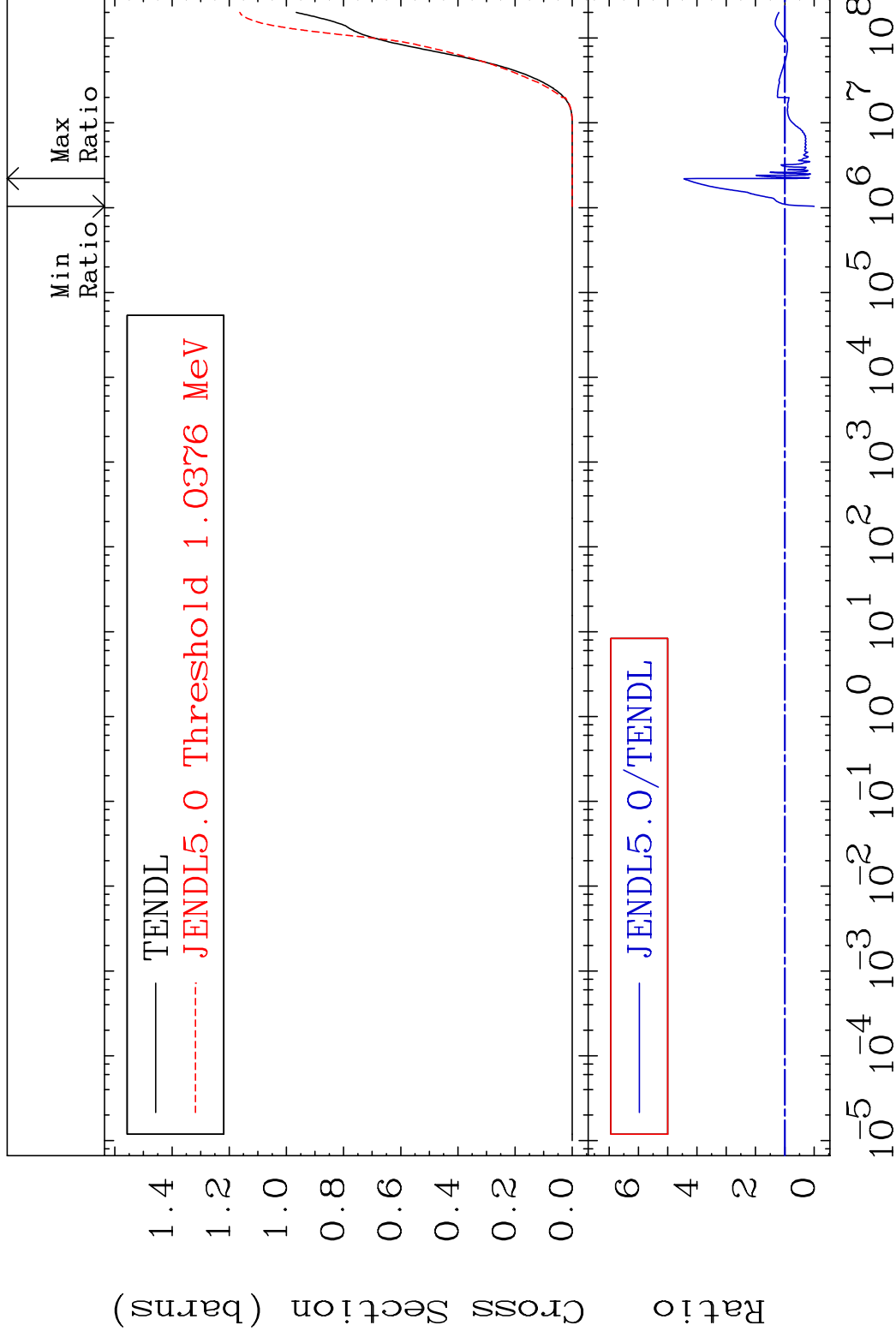
74-W -182

MAT 7431

Hydrogen Production

74-W -182

Cross Section -100.0 To 345.4 %

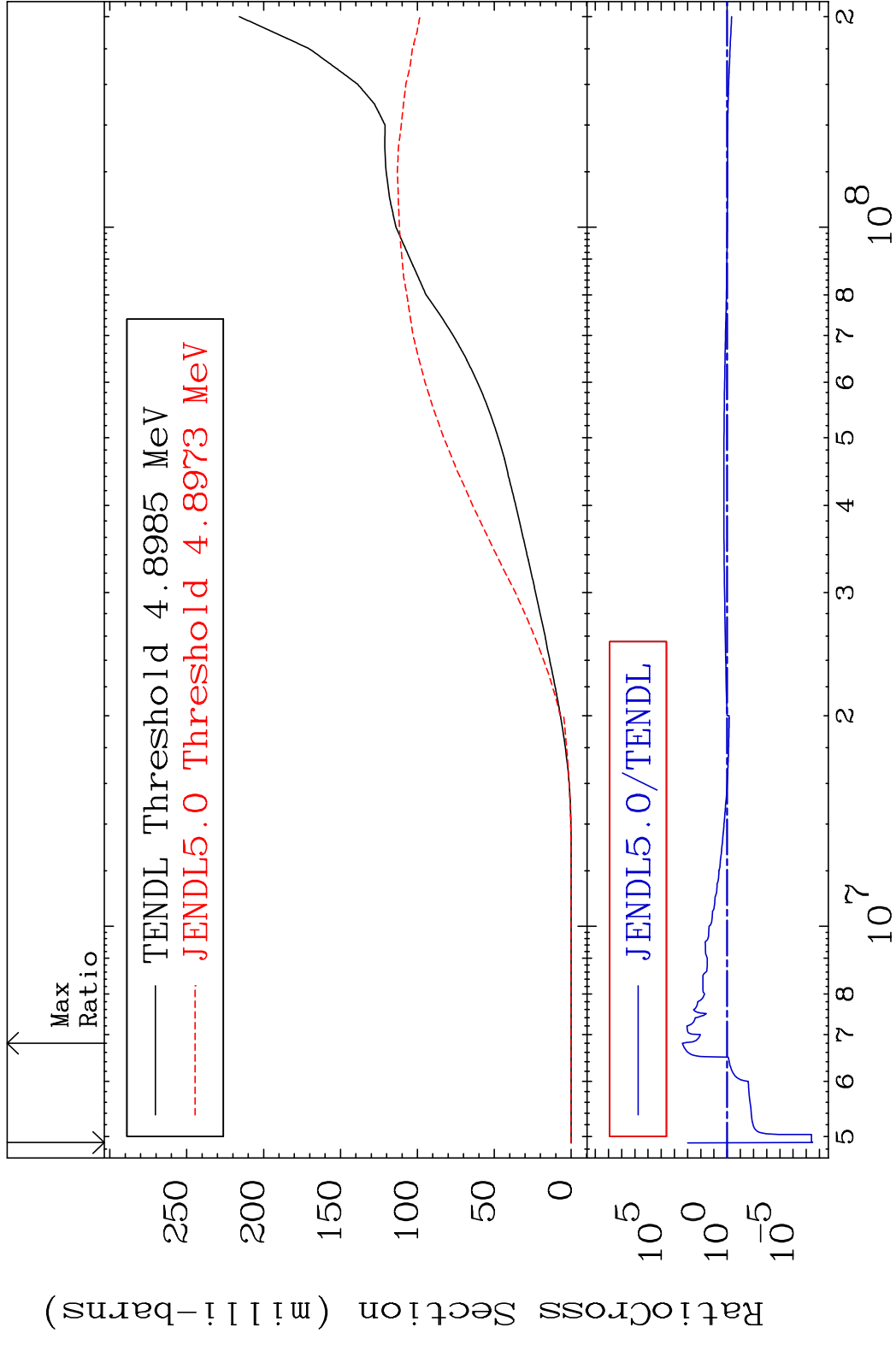


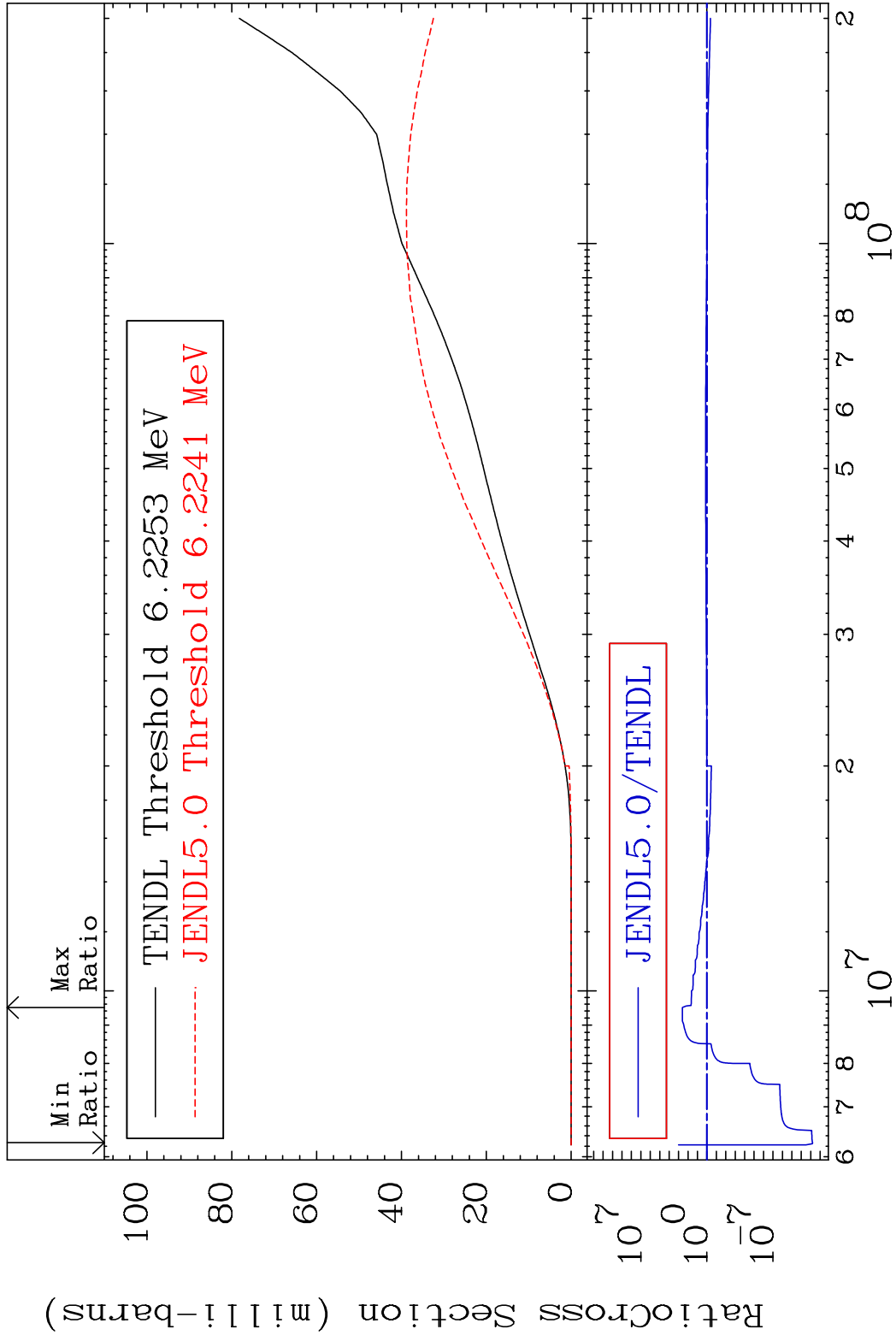
35

Incident Energy (eV)

74-W -182

MAT 7431 Deuterium Production 74-W -182
 Cross Section -100.0 To 9999. %



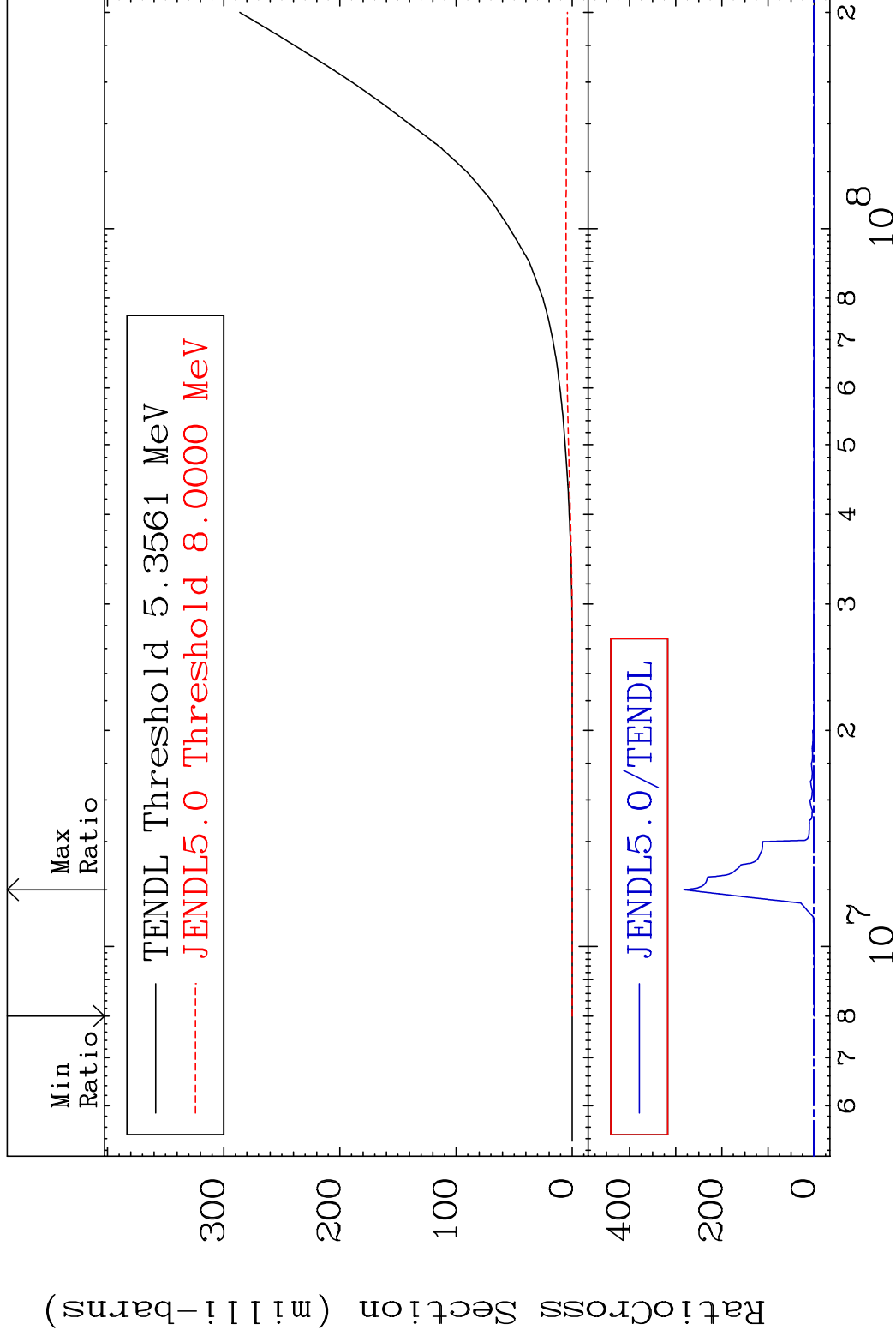


MAT 7431

He-3 Production

74-W -182

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

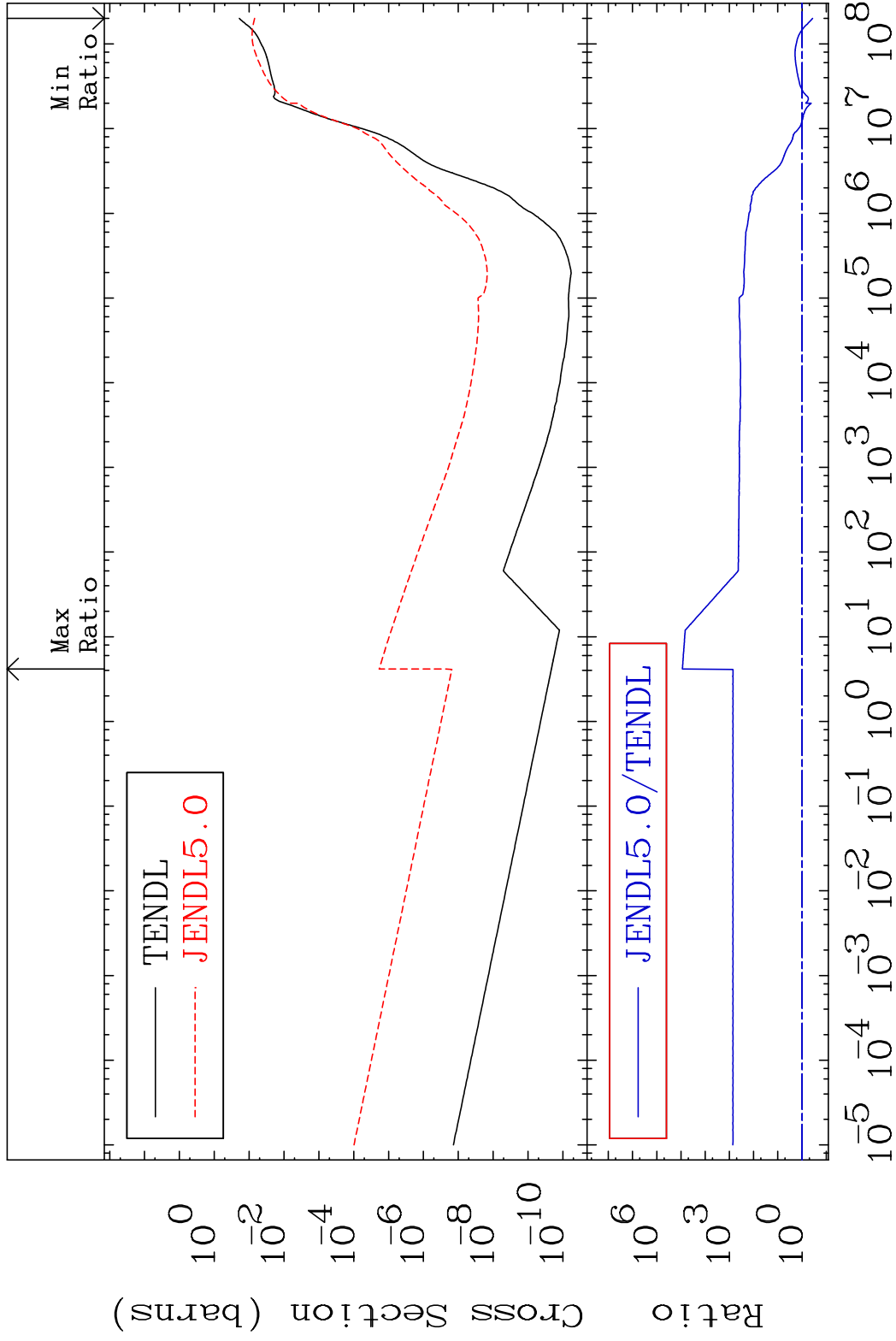
74-W -182

MAT 7431

He-4 Production

74-W -182

Cross Section -63.28 To 9999. %

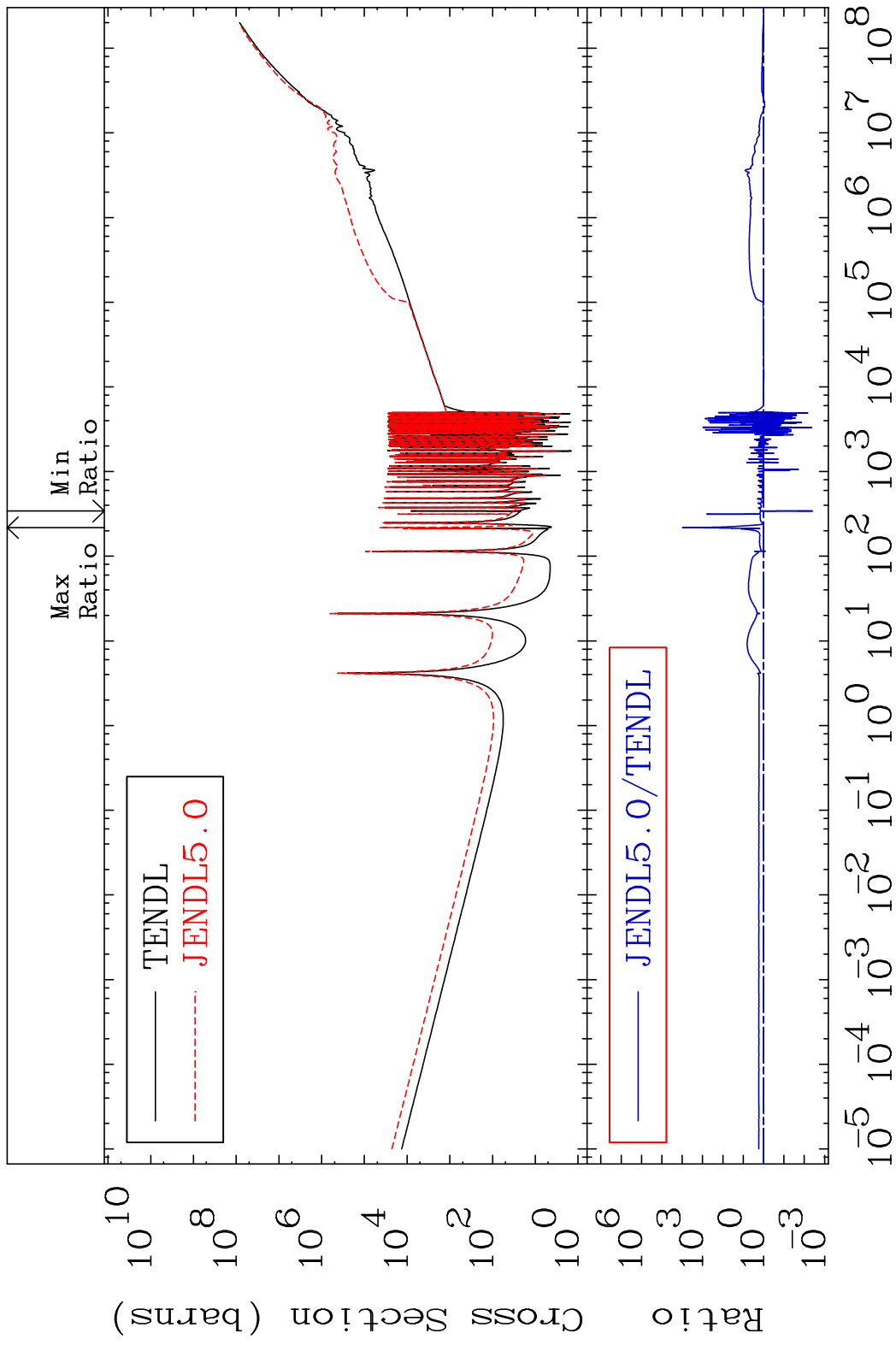


39

Incident Energy (eV)

74-W -182

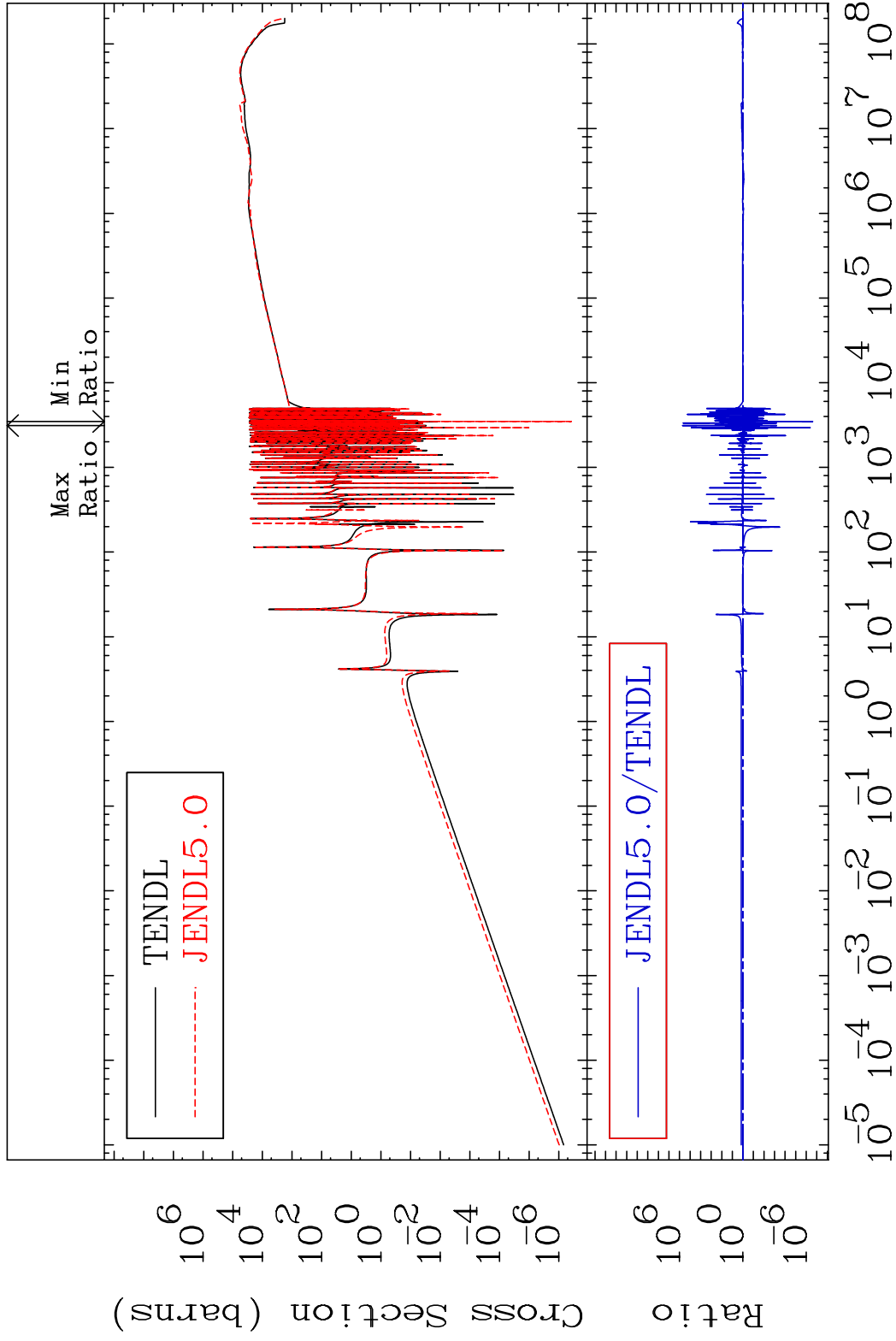
MAT 7431 Kerma total (eV-barns) 74-W -182
Cross Section -99.61 To 9999. %



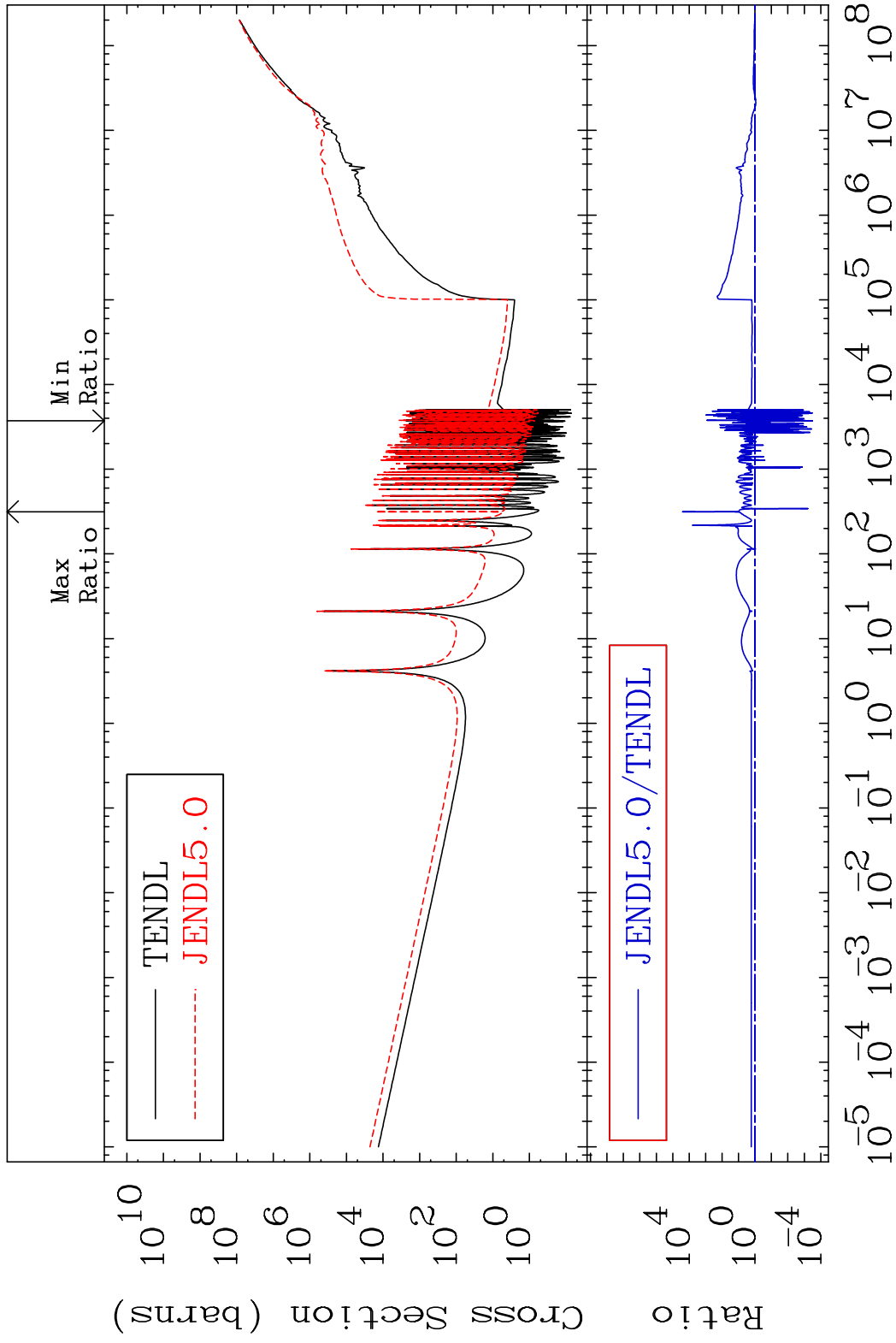
40 Incident Energy (eV) 74-W -182

MAT 7431

Kerma elastic 74-W -182
Cross Section -100.0 To 9999. %

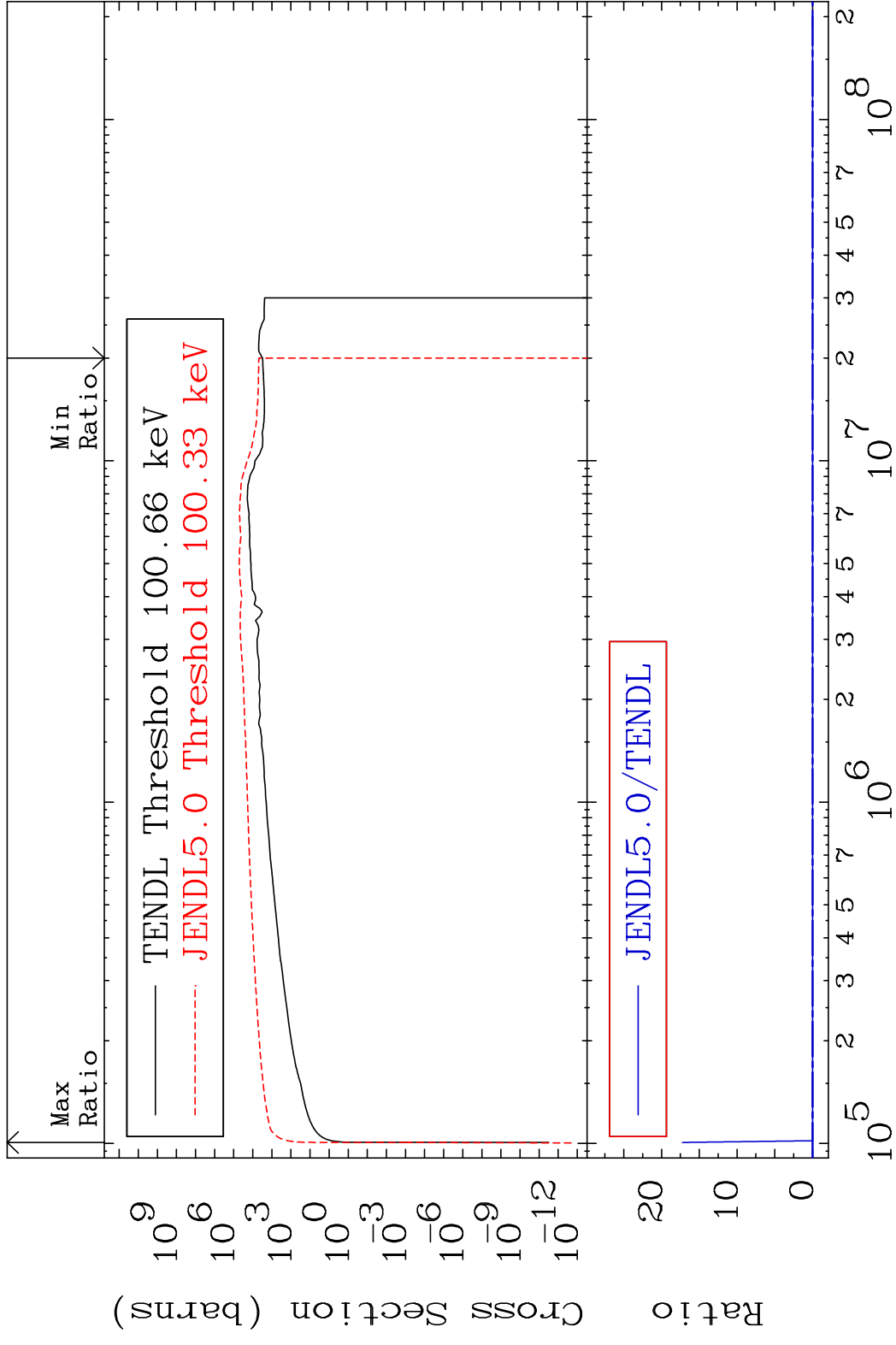


MAT 7431 Kerma non-elastic (all but mt2) 74-W -182
 Cross Section -99.97 To 9999. %



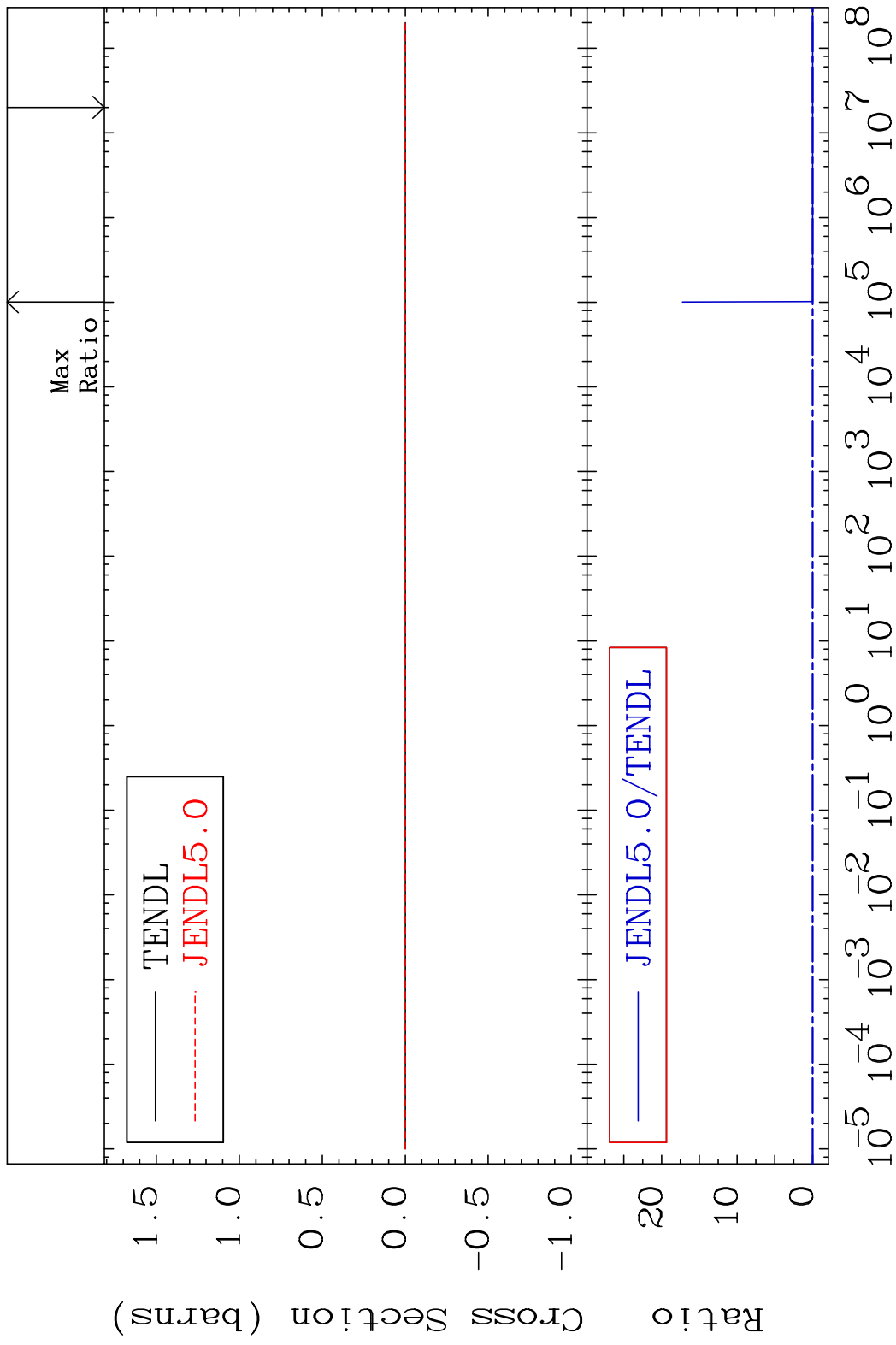
42 Incident Energy (eV) 74-W -182

MAT 7431 Kerma inelastic (mt51-91) 74-W -182
 Cross Section -100.0 To 9999. %



43 Incident Energy (eV) 74-W -182

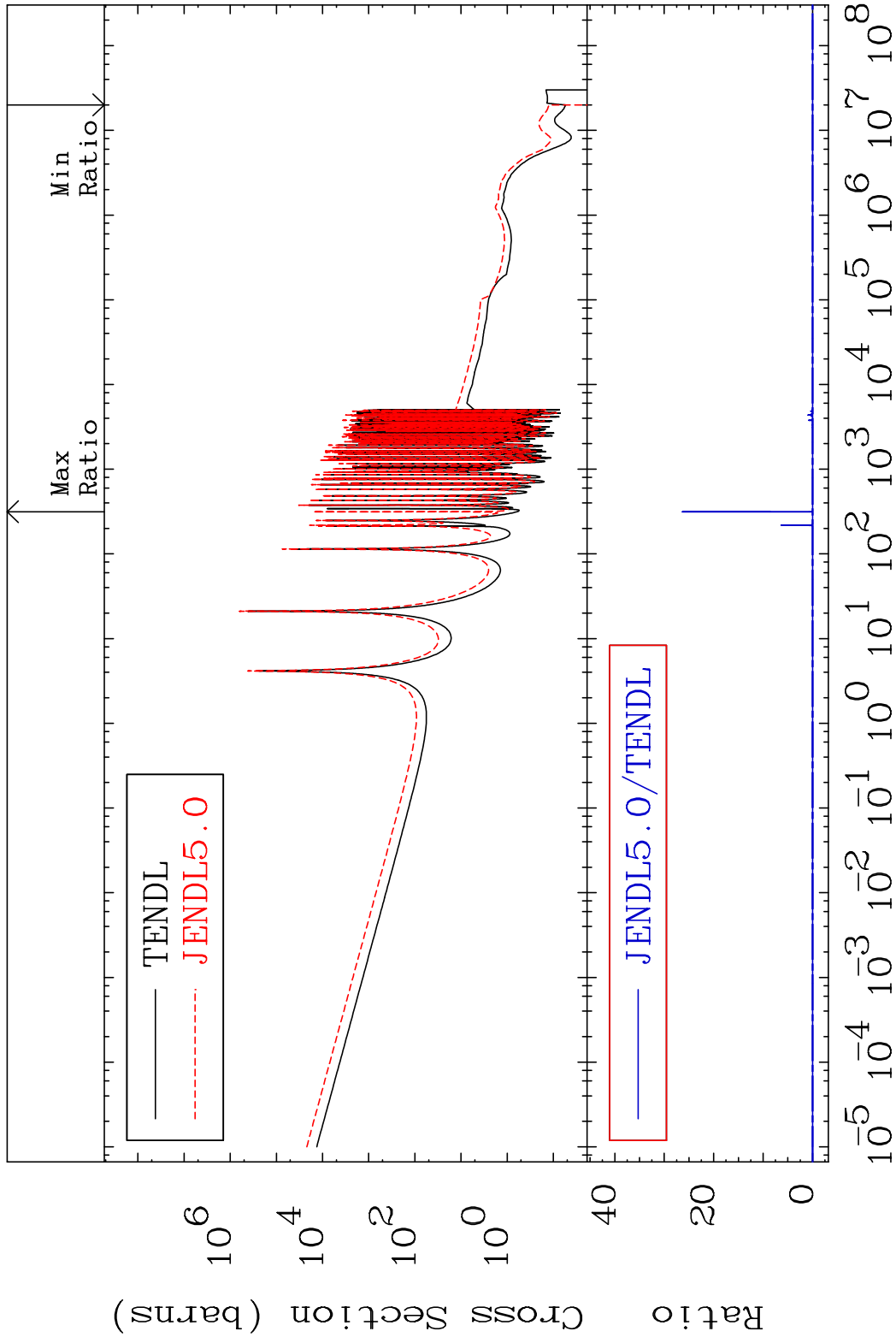
MAT 7431 Kerma fission (mt18 or mt19-20-21-38)74-W -182
 Cross Section -100.0 To 9999. %



MAT 7431

Kerma capture (mt102) 74-W -182

Cross Section -100.0 To 9999. %

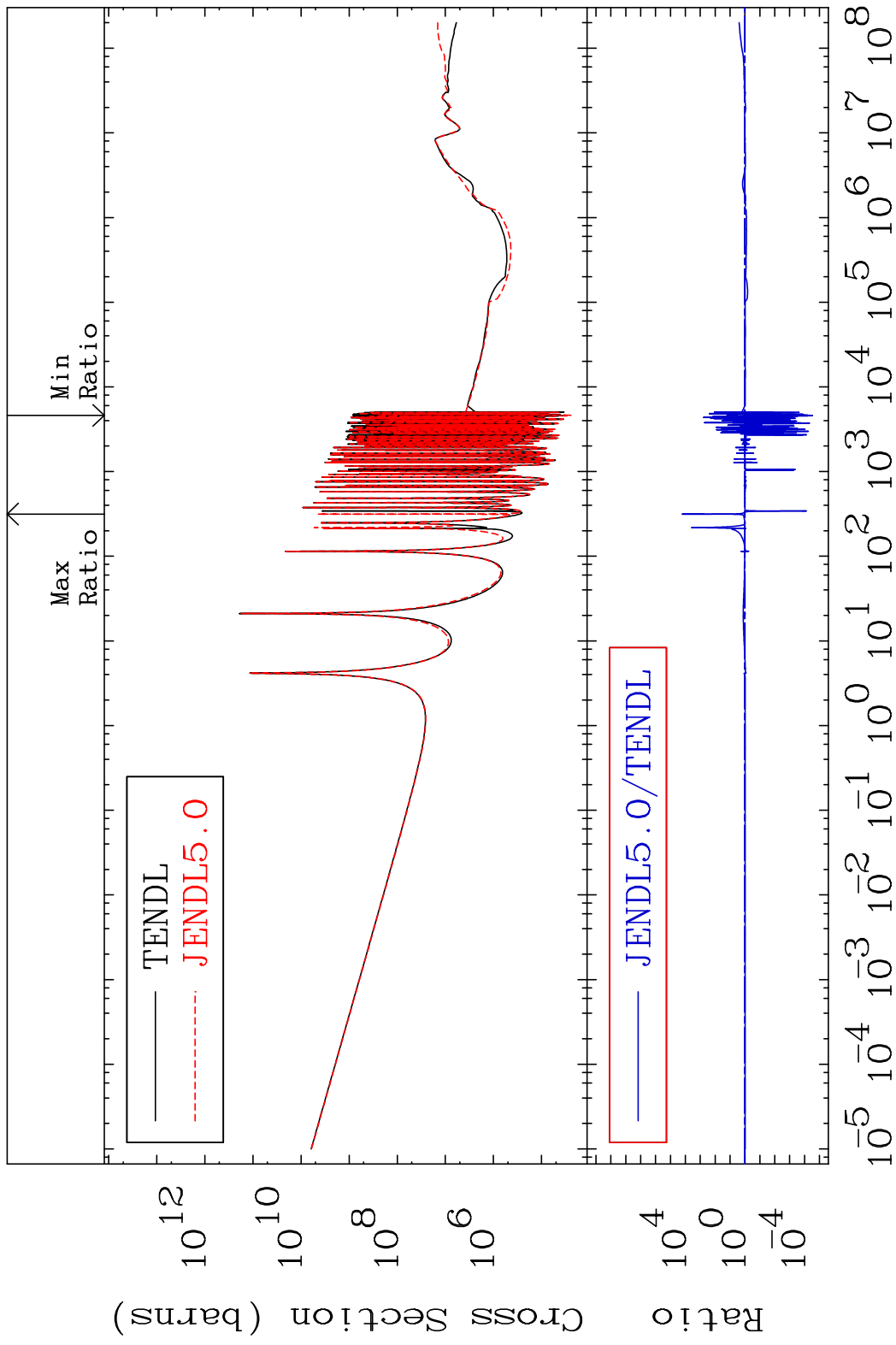


45

Incident Energy (eV)

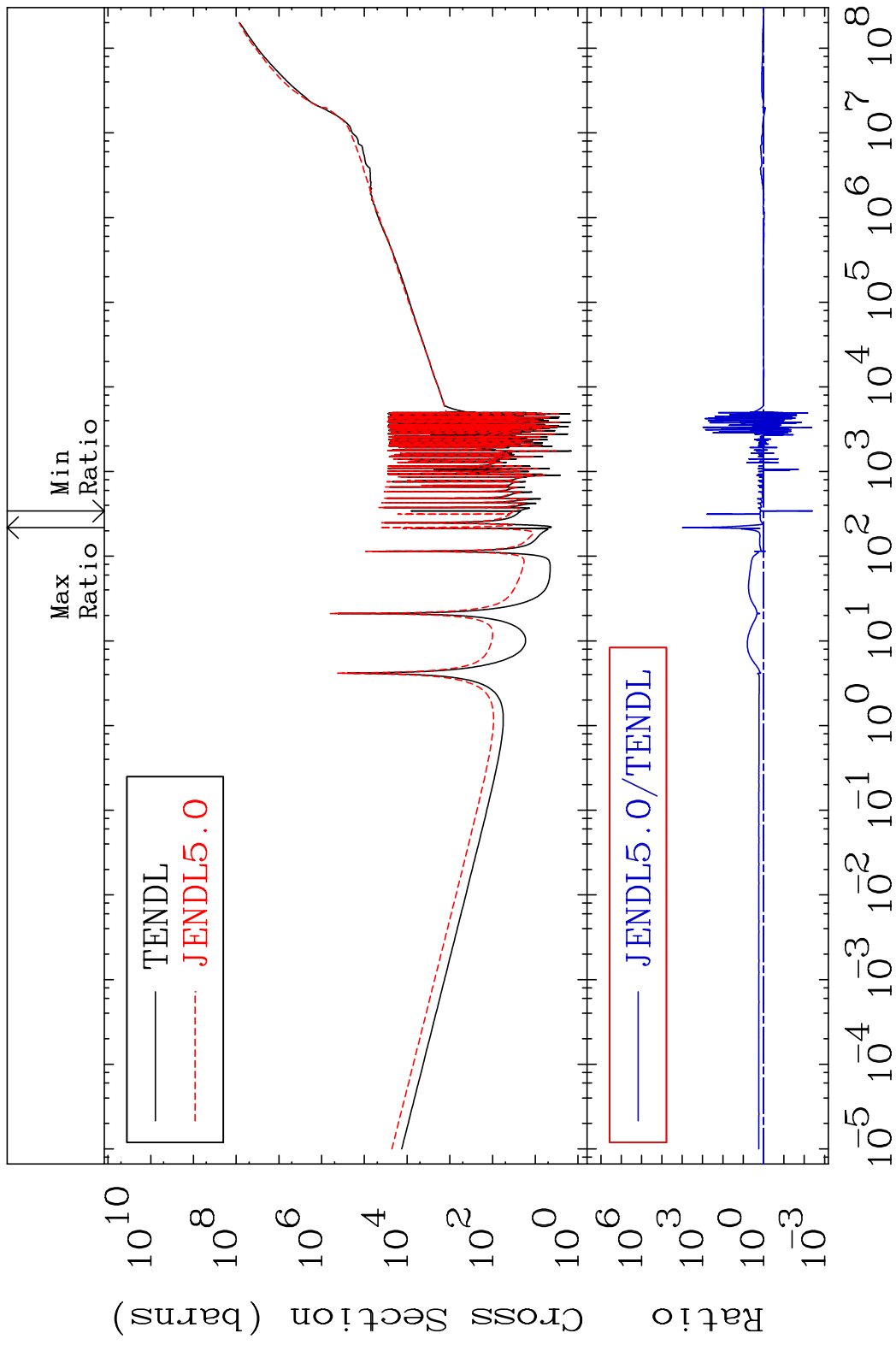
74-W -182

MAT 7431 Total photon (eV-barns) 74-W -182
 Cross Section -100.0 To 9999. %



46 Incident Energy (eV) 74-W -182

MAT 7431 Total kinematic kerma (high limit) 74-W -182
 Cross Section -99.61 To 9999. %

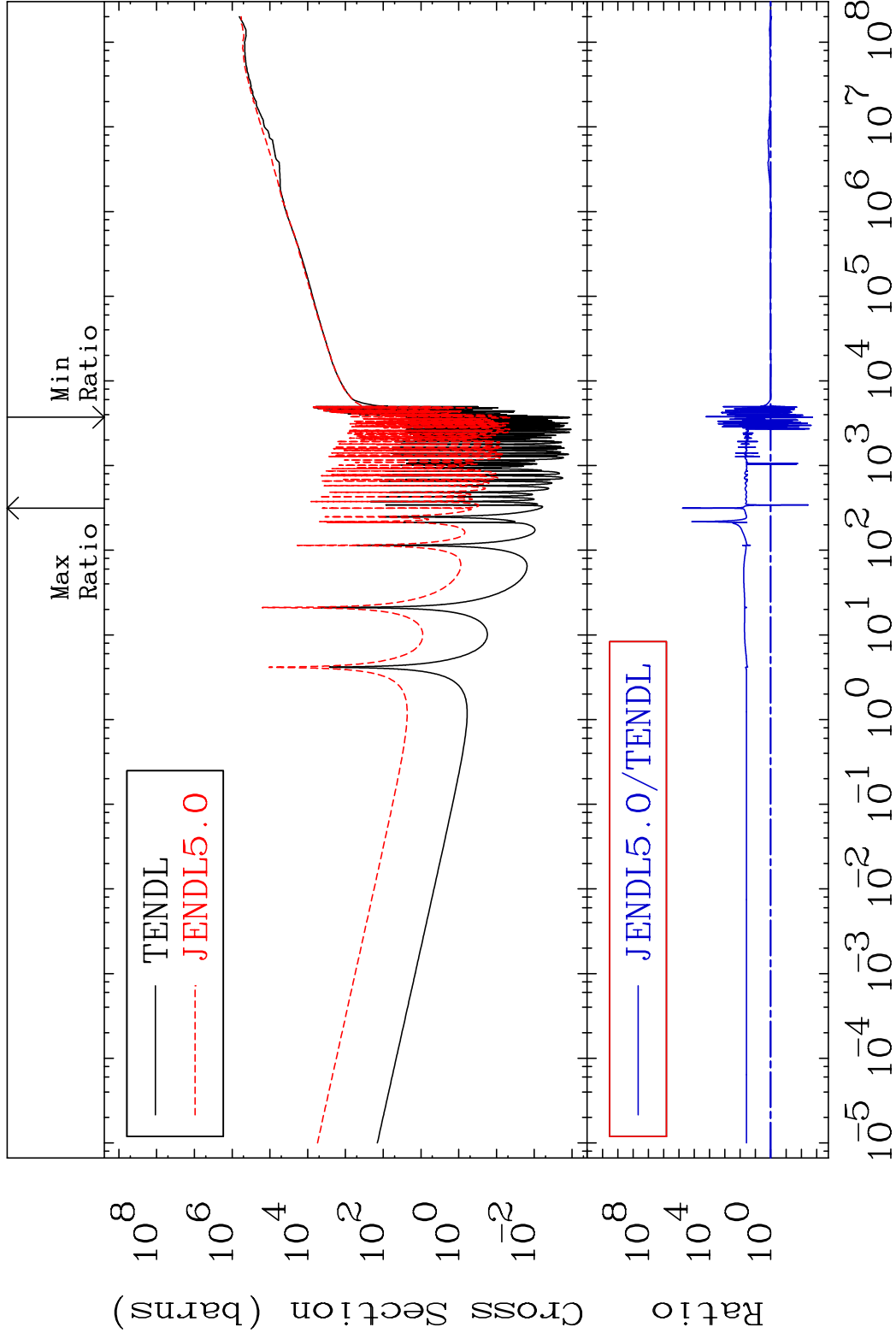


MAT 7431

Dpa total (eV-barns)

74-W -182

Cross Section -99.82 To 9999. %



48

Incident Energy (eV)

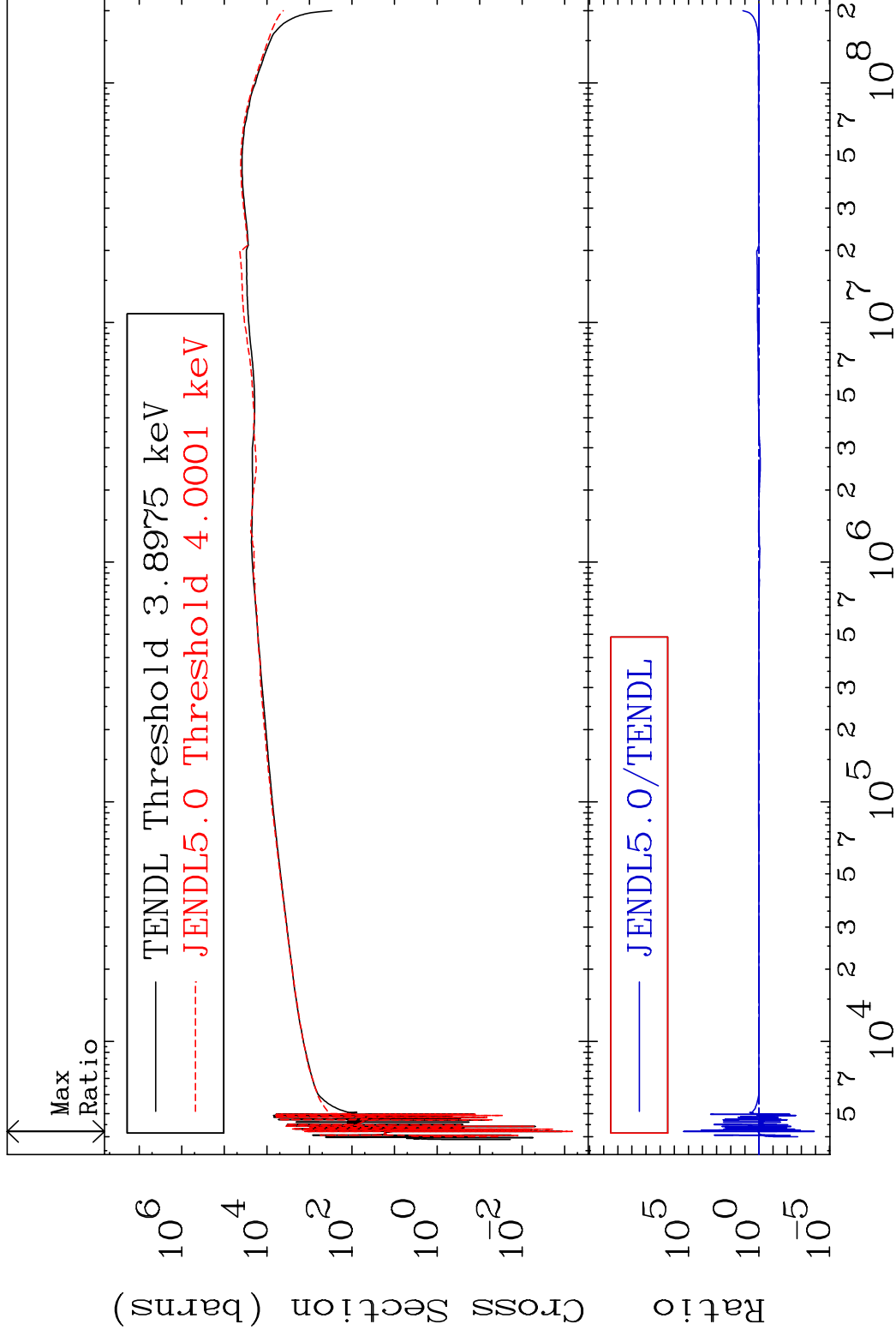
74-W -182

MAT 7431

Dpa elastic (mt2)

74-W -182

Cross Section -99.99 To 9999. %

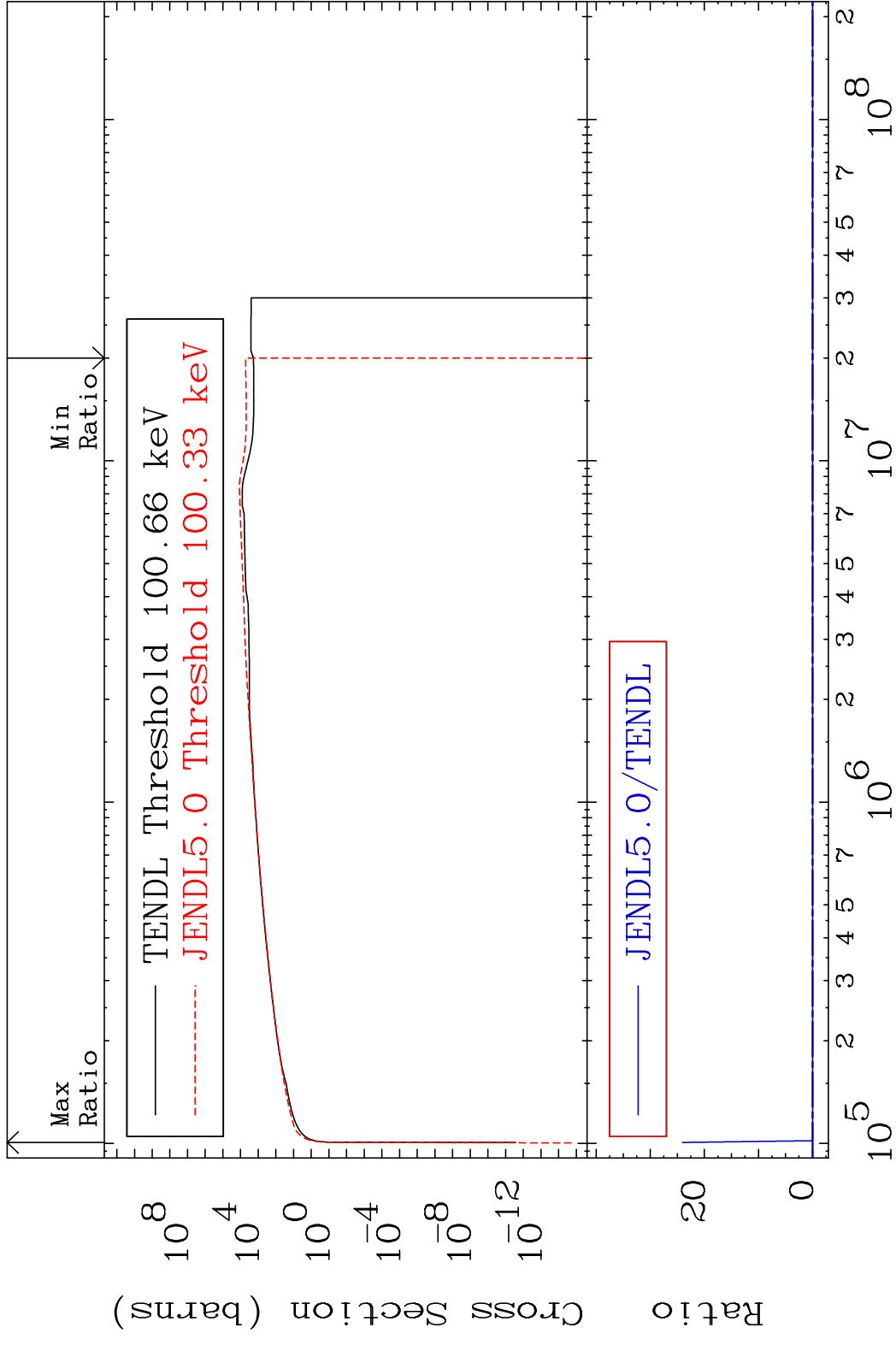


49

Incident Energy (eV)

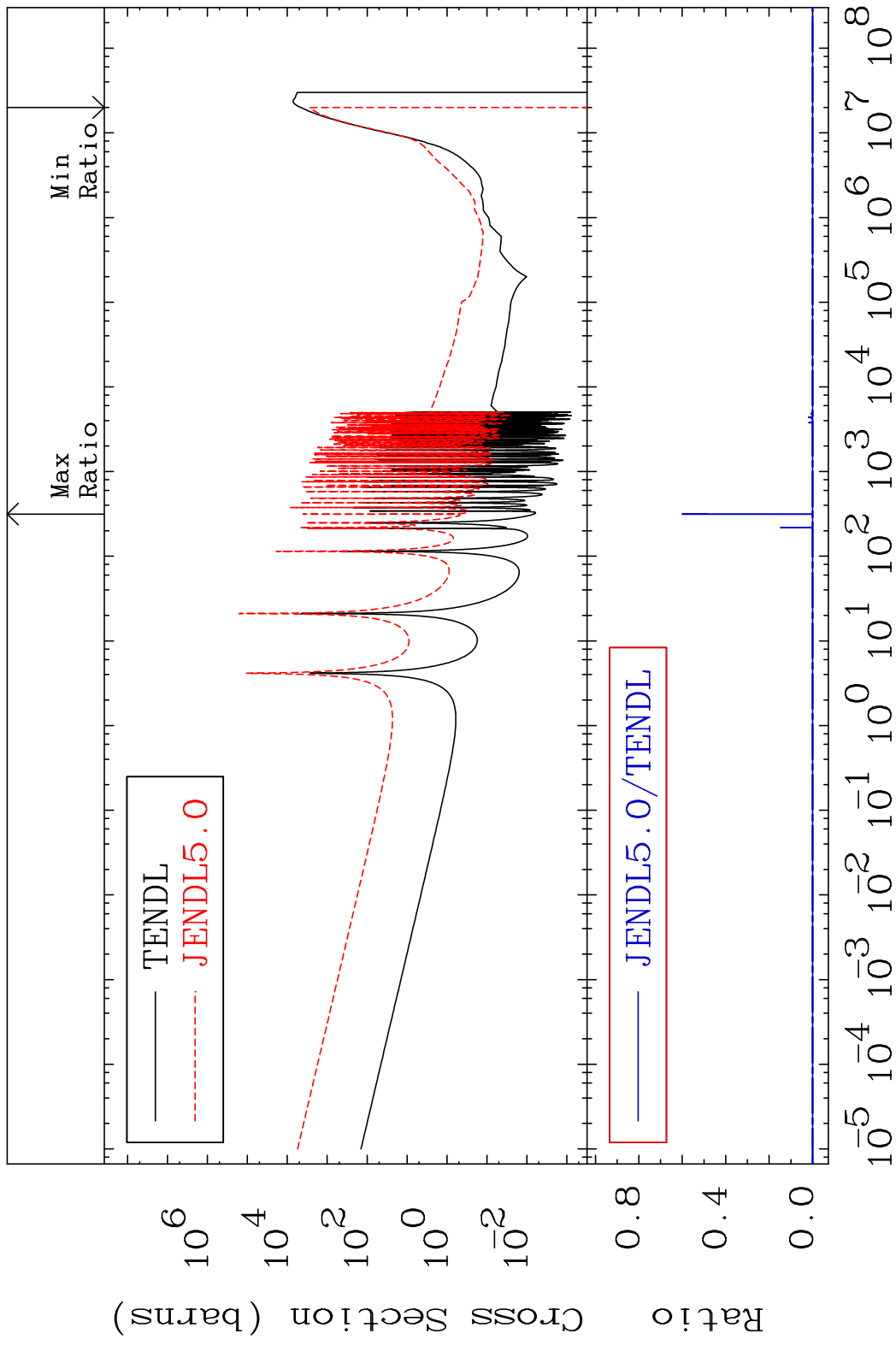
74-W -182

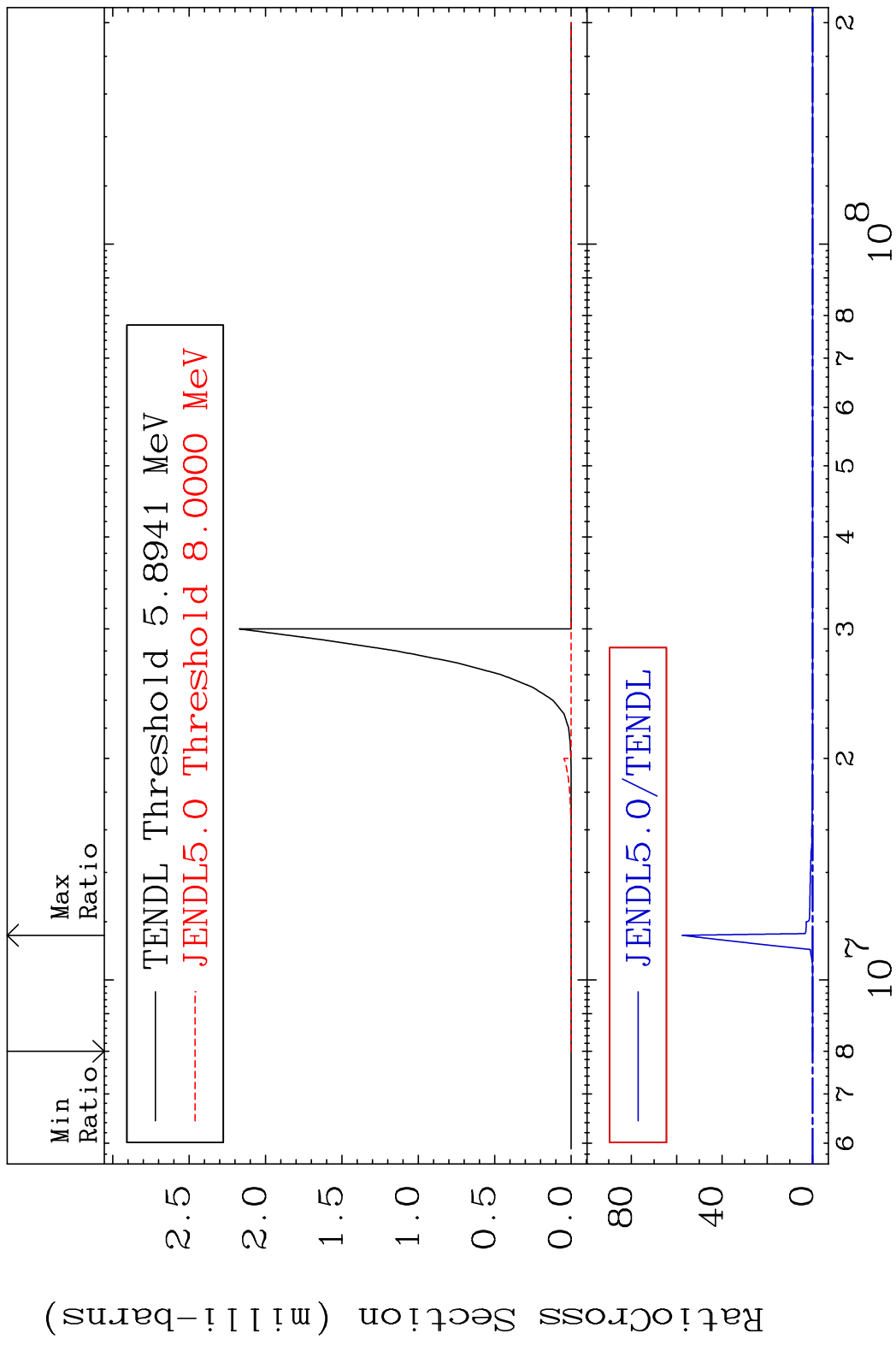
MAT 7431 Dpa inelastic (mt51-91) 74-W -182
 Cross Section -100.0 To 9999. %

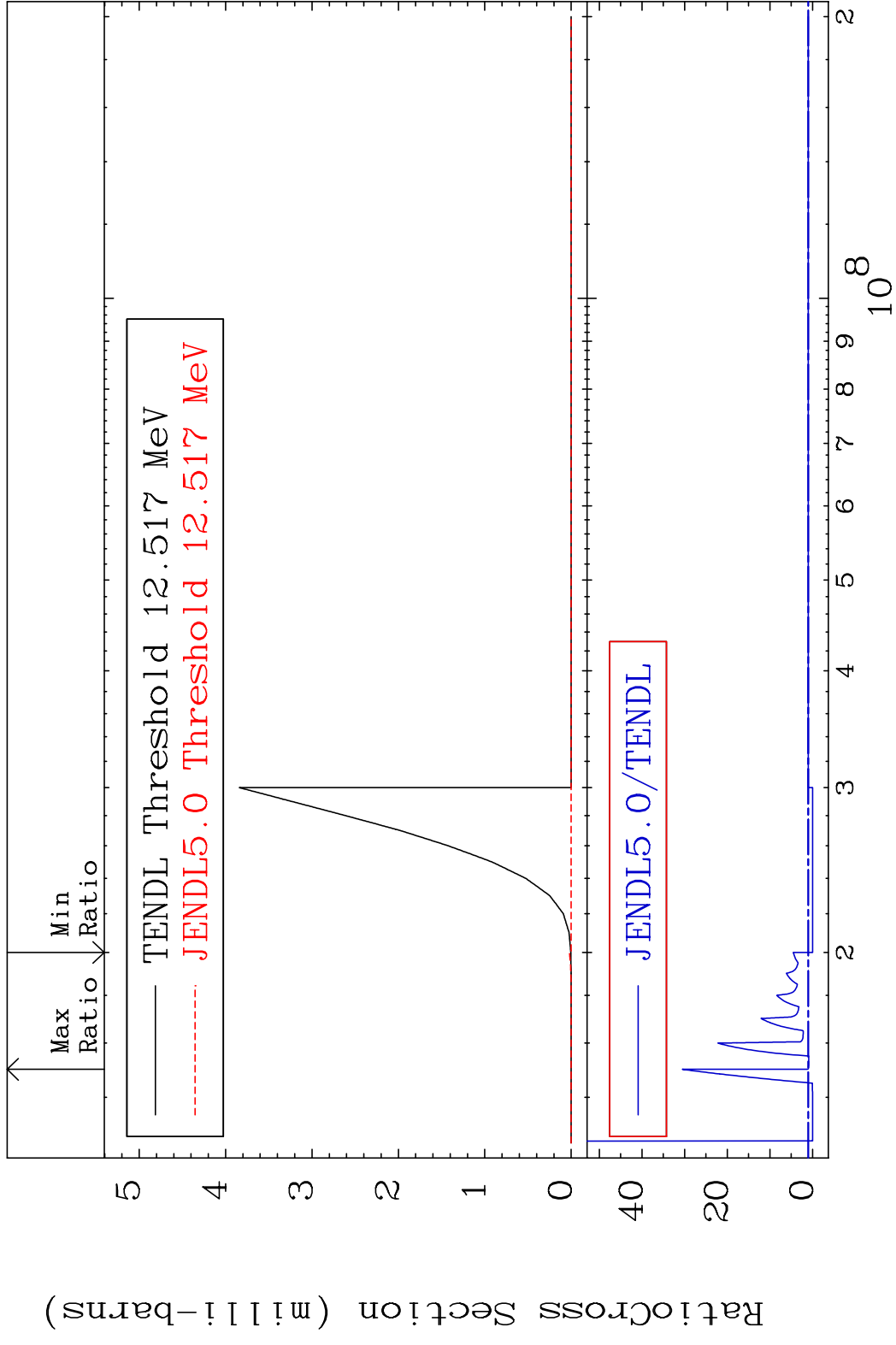


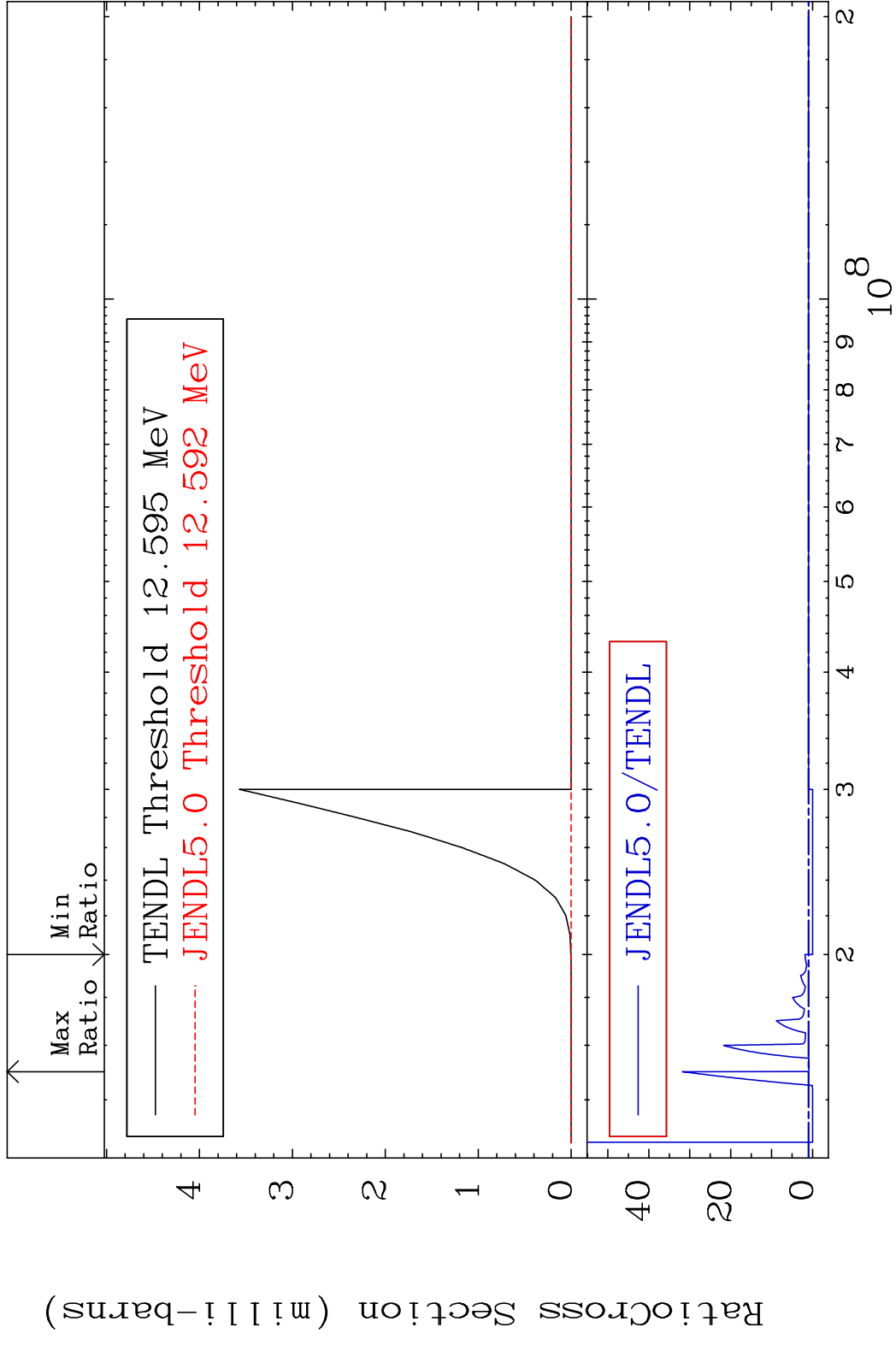
50 Incident Energy (eV) 74-W -182

MAT 7431 Dpa disappearance (mt102 -120) 74-W -182
 Cross Section -100.0 To 9999. %

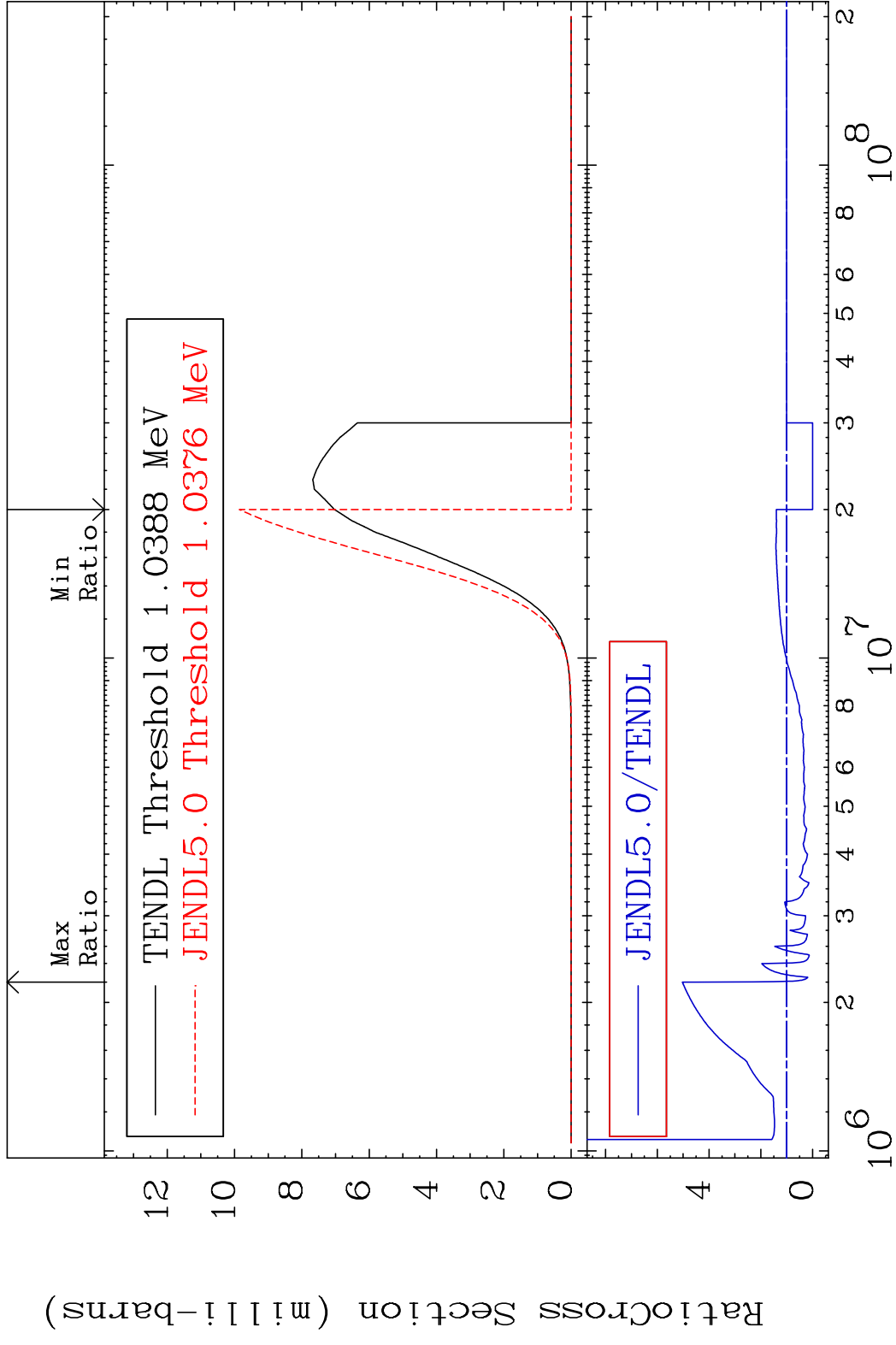








MAT 7431 (n,p):73-Ta-182g 74-W -182
 Radionuclide Production Cross Section 180.0 dth 403.2 %



MAT 7431 (n, p): 73-Ta-182m1 74-W -182
 Radionuclide Production Cross Section 100.0% 108.5 %

