

Program Complot  
(Version 2021-1)

by

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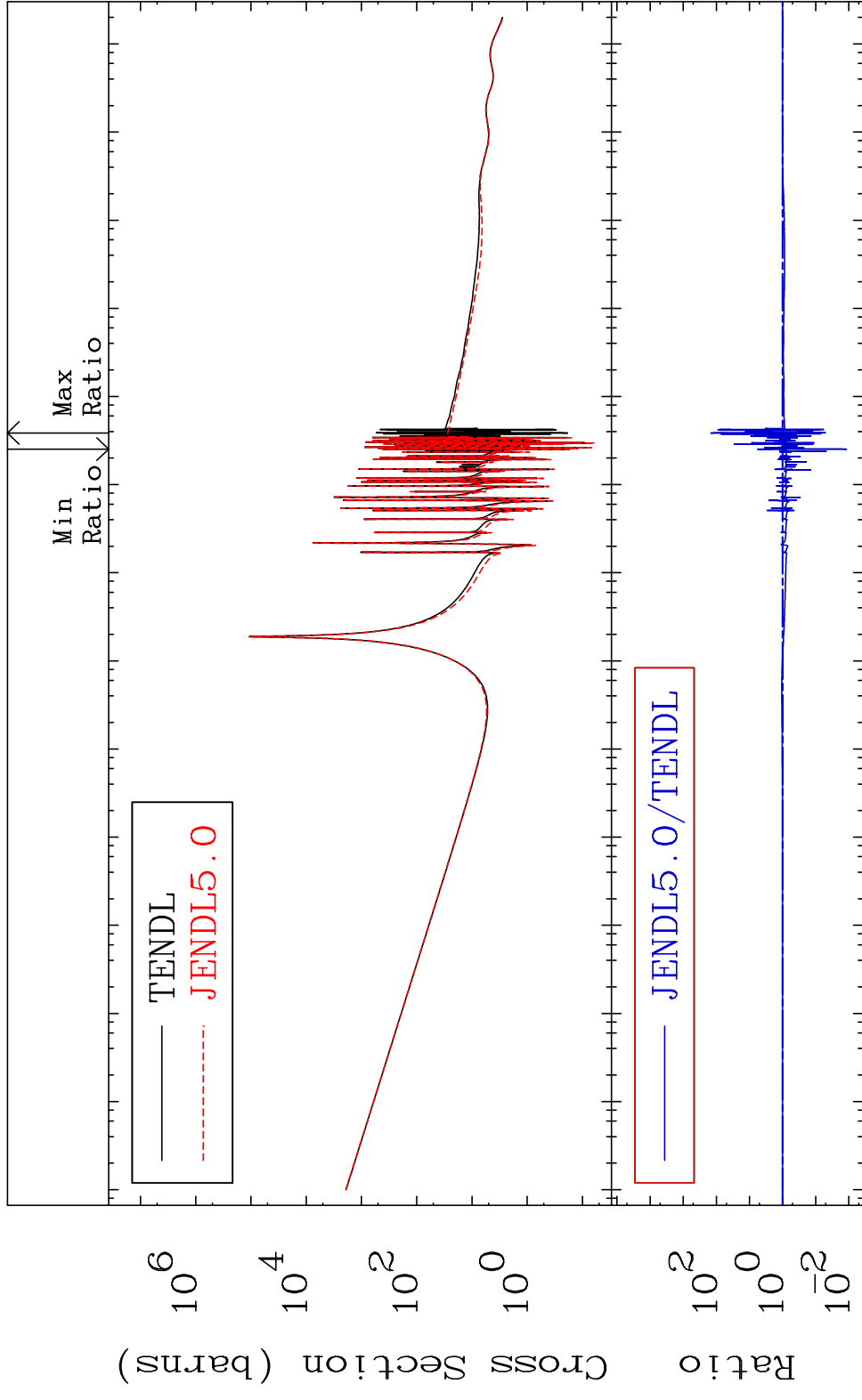
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7443

Total Cross Section -98.81 To 9999. %

74-W -186



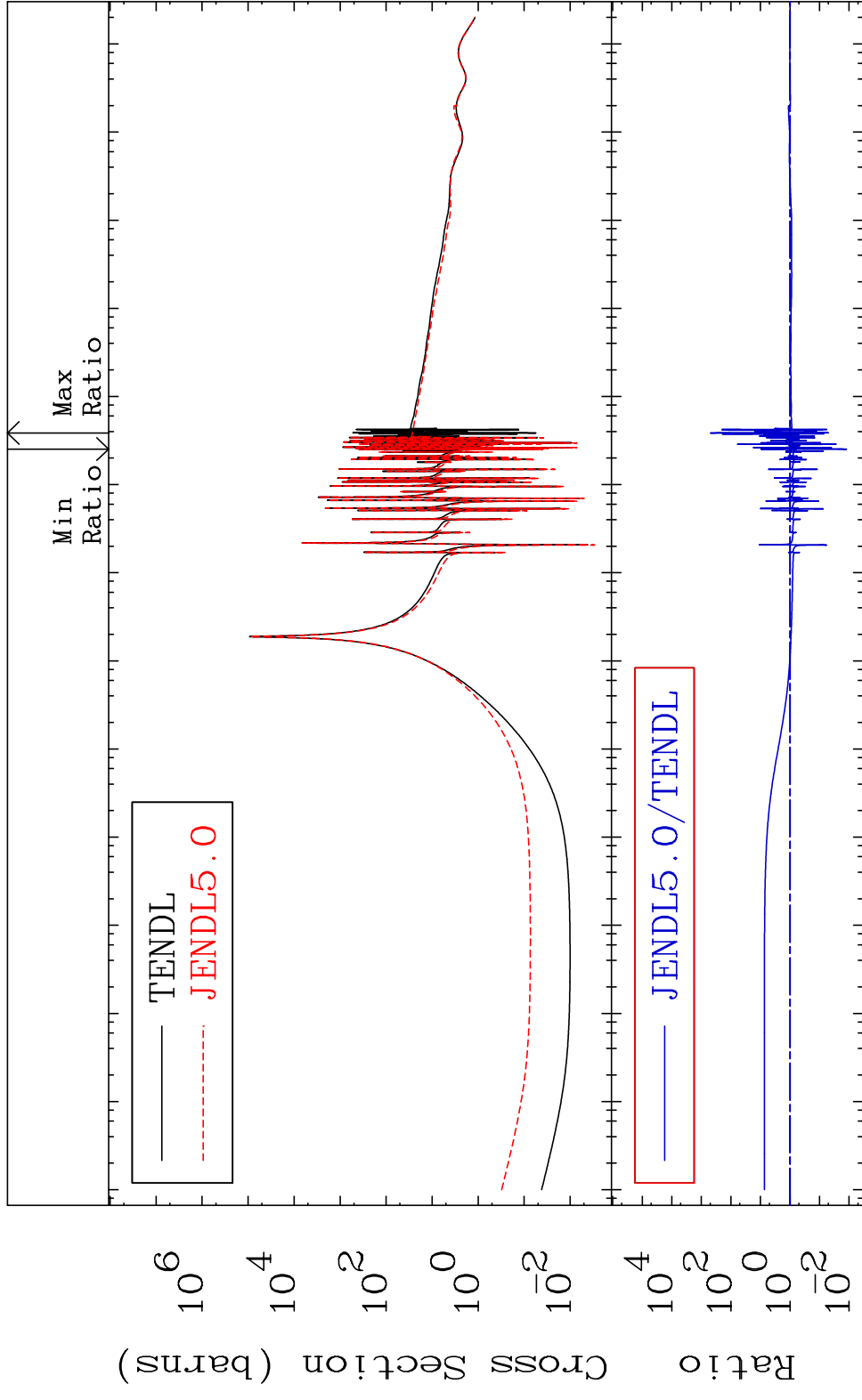
1 Incident Energy (eV) 74-W -186

MAT 7443

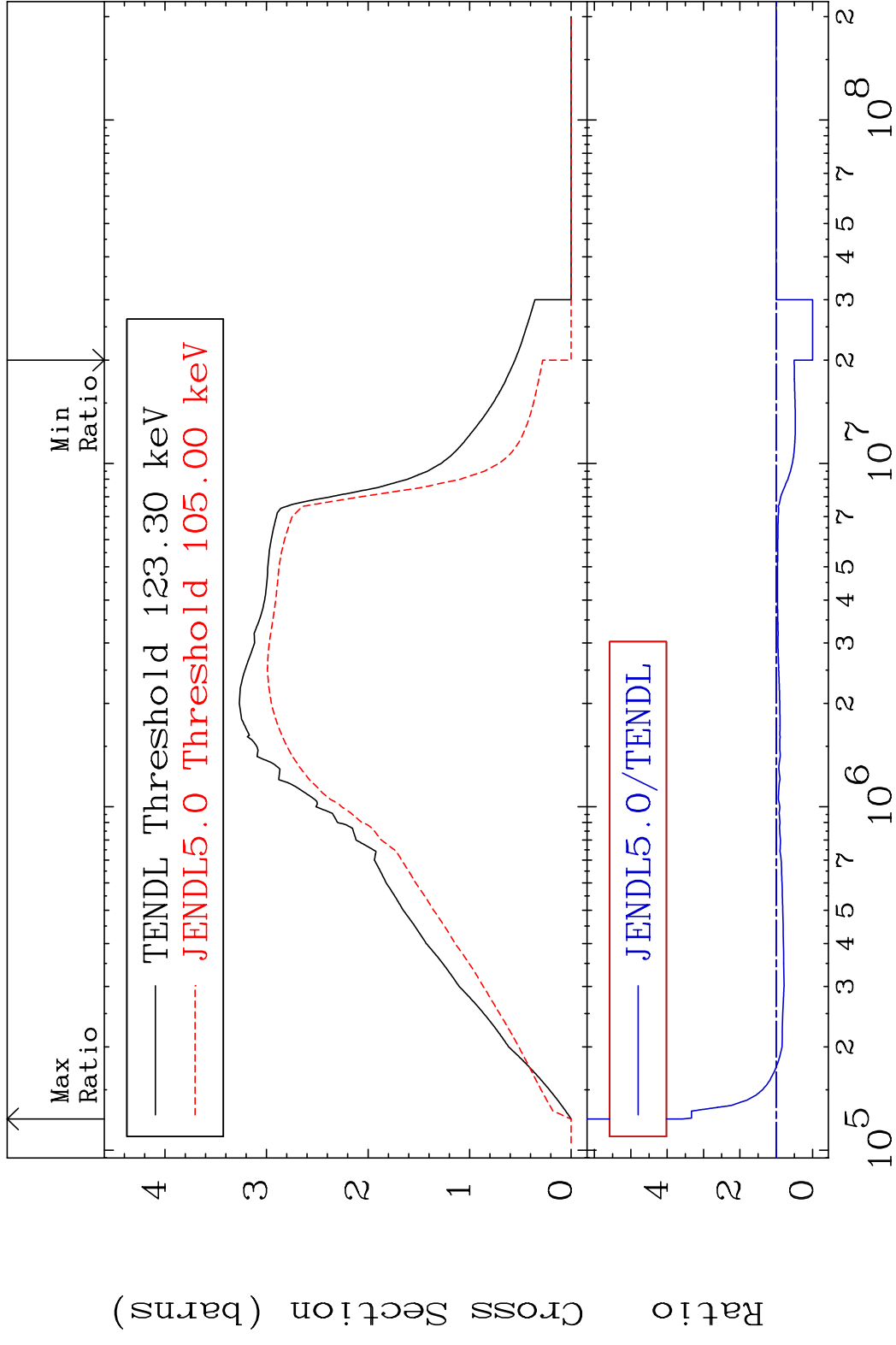
74-W -186

Elastic

Cross Section -98.76 To 9999. %



MAT 7443 Inelastic 74-W -186  
 Cross Section -100.0 To 258.2 %



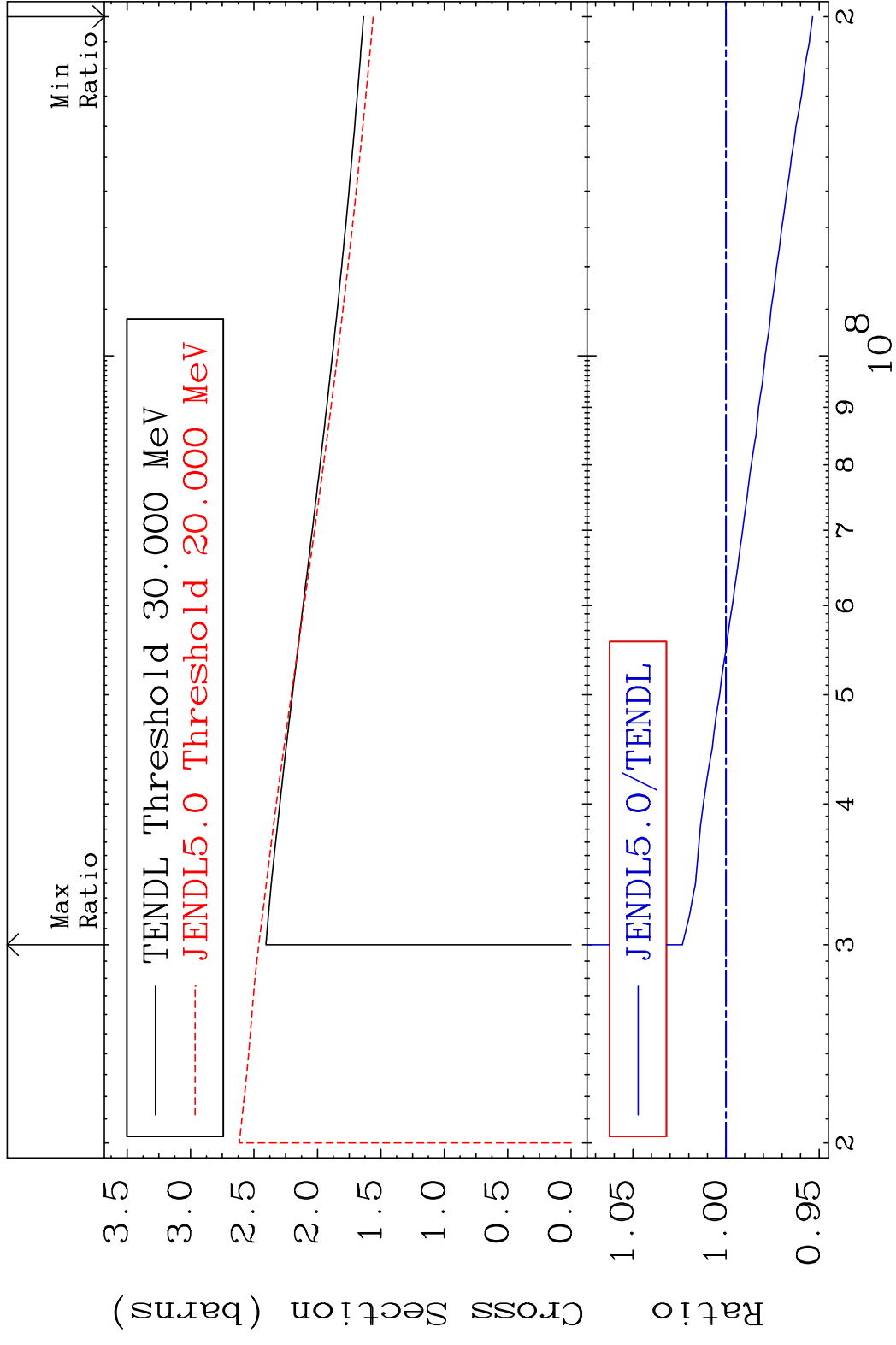
3 Incident Energy (eV) 74-W -186

MAT 7443

(n, remainder)

74-W -186

Cross Section -4.642 To 2.343 %



4

Incident Energy (eV)

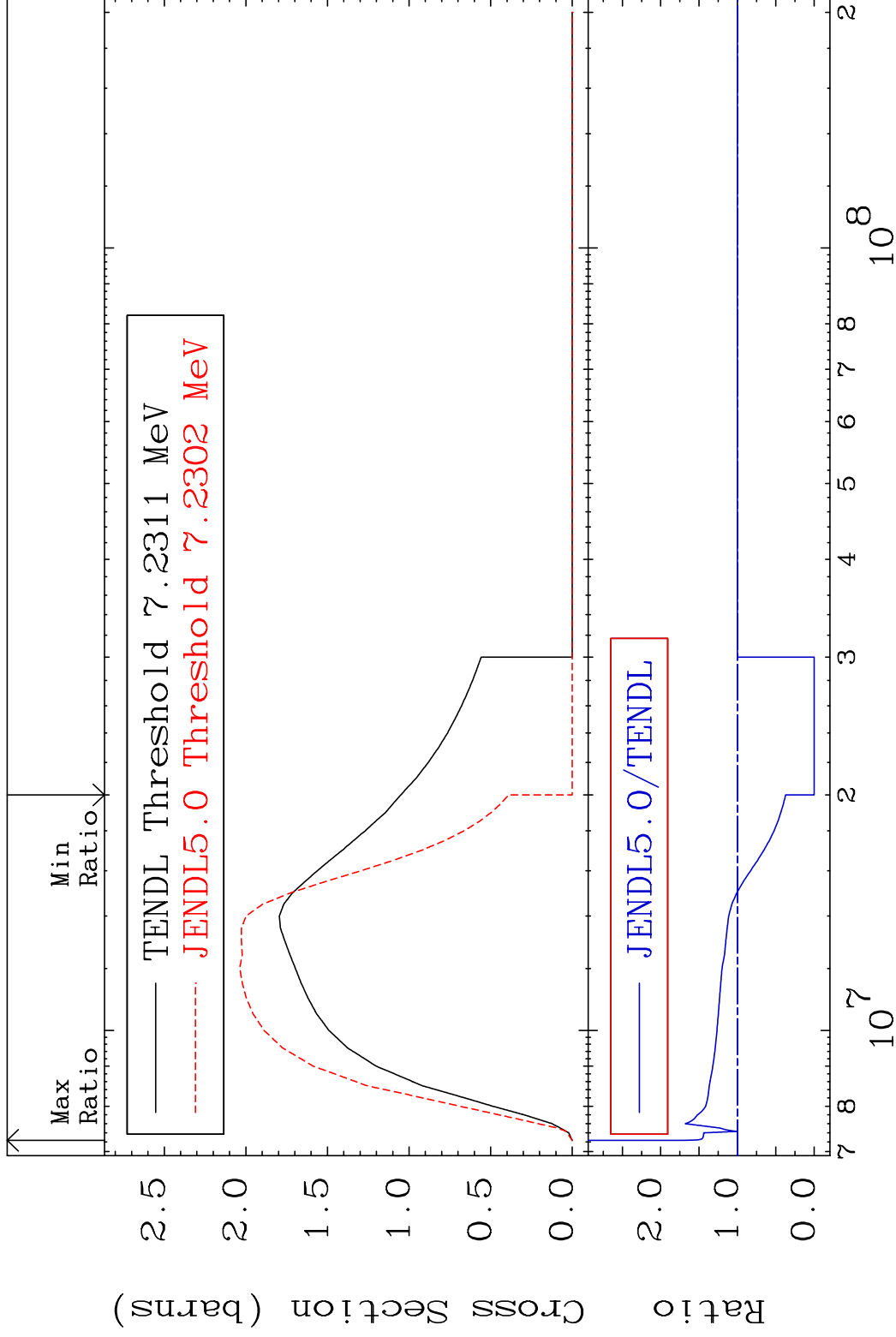
74-W -186

MAT 7443

(n,2n)

74-W -186

Cross Section -100.0 To 70.09 %



5

Incident Energy (eV)

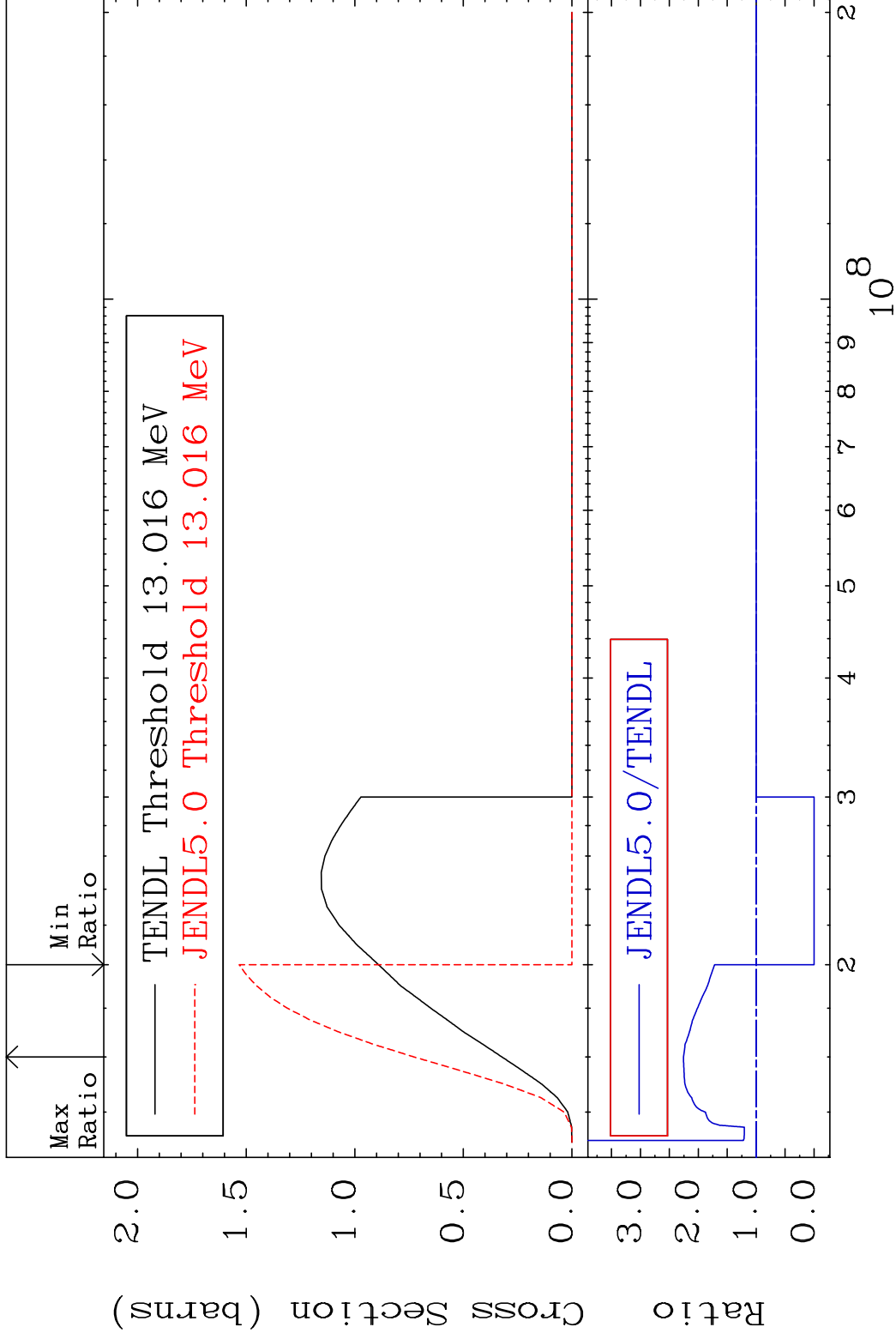
74-W -186

MAT 7443

(n,3n)

74-W -186

Cross Section -100.0 To 125.7 %

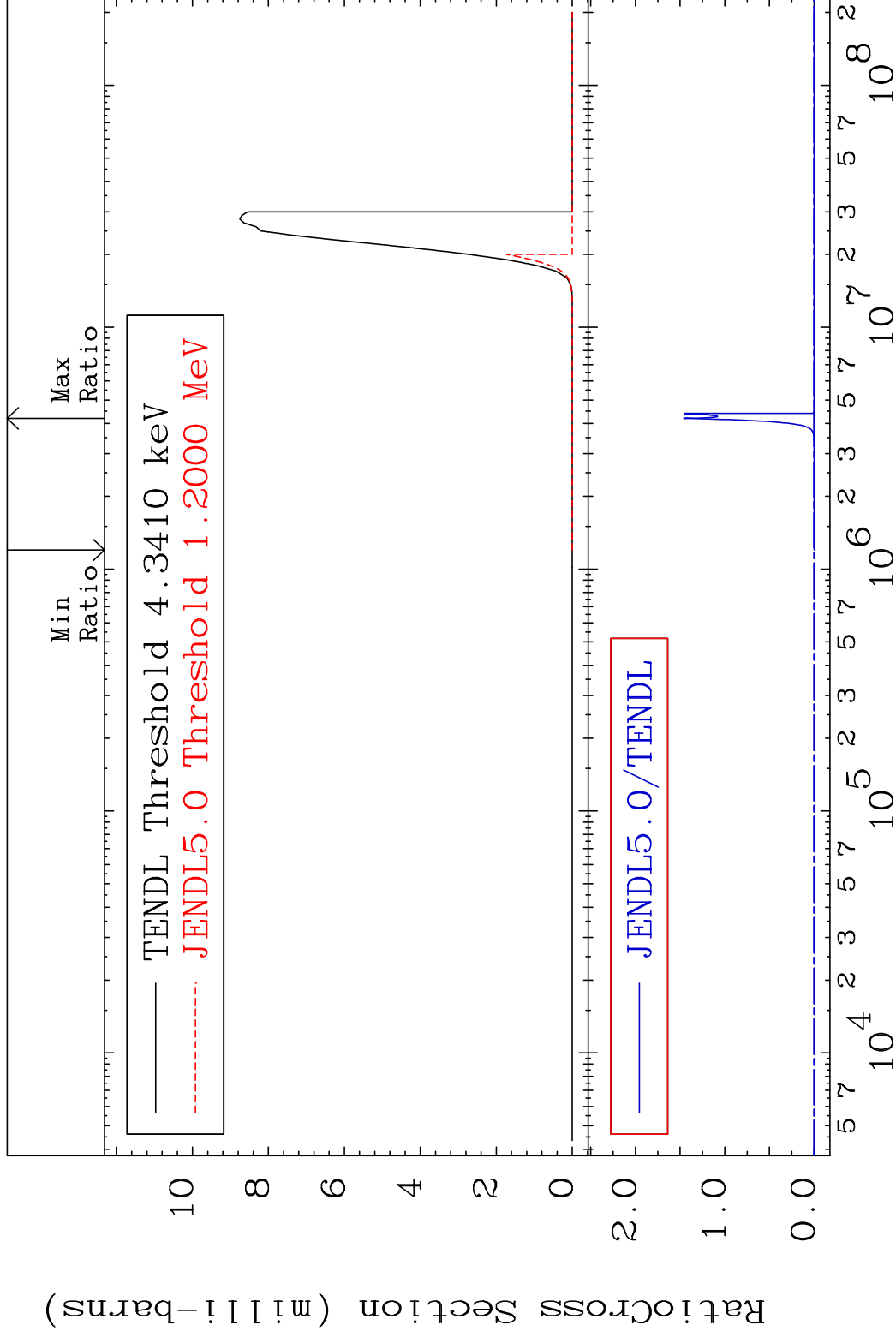


MAT 7443

(n, n')  $\alpha$

74-W -186

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

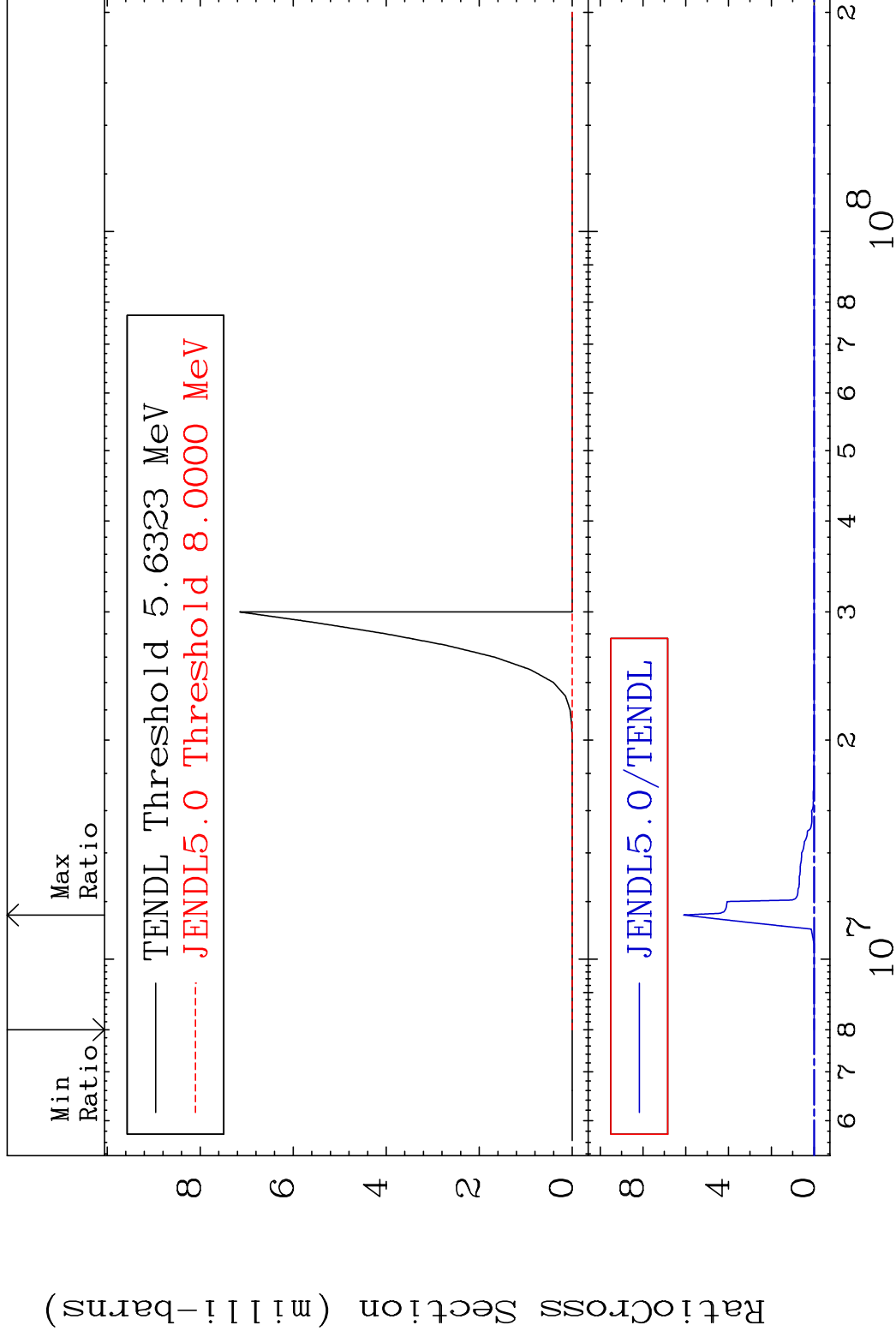
74-W -186

MAT 7443

(n,2n)  $\alpha$

74-W -186

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

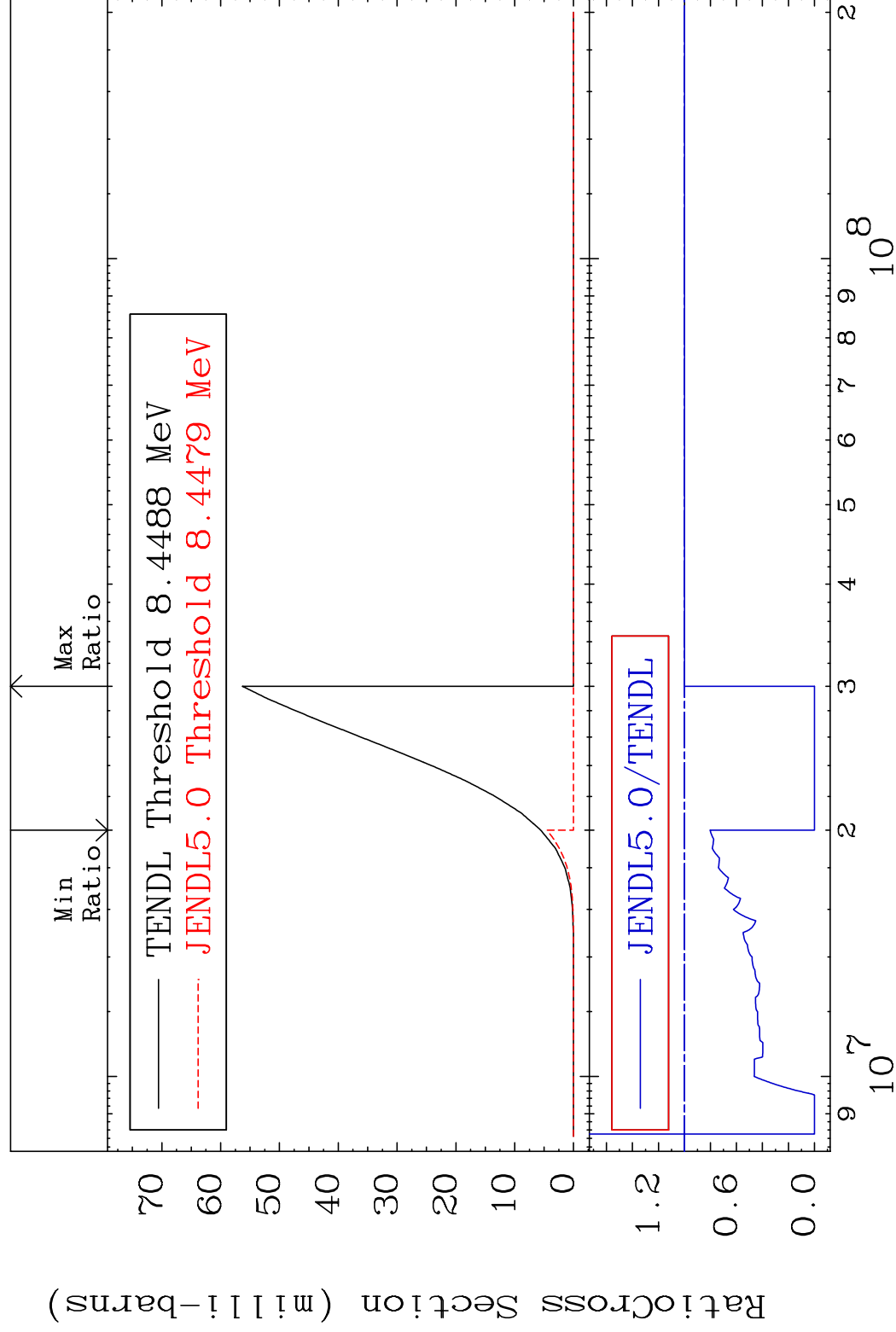
74-W -186

MAT 7443

(n, n') p

74-W -186

Cross Section -100.0 To 0.000 %



9

Incident Energy (eV)

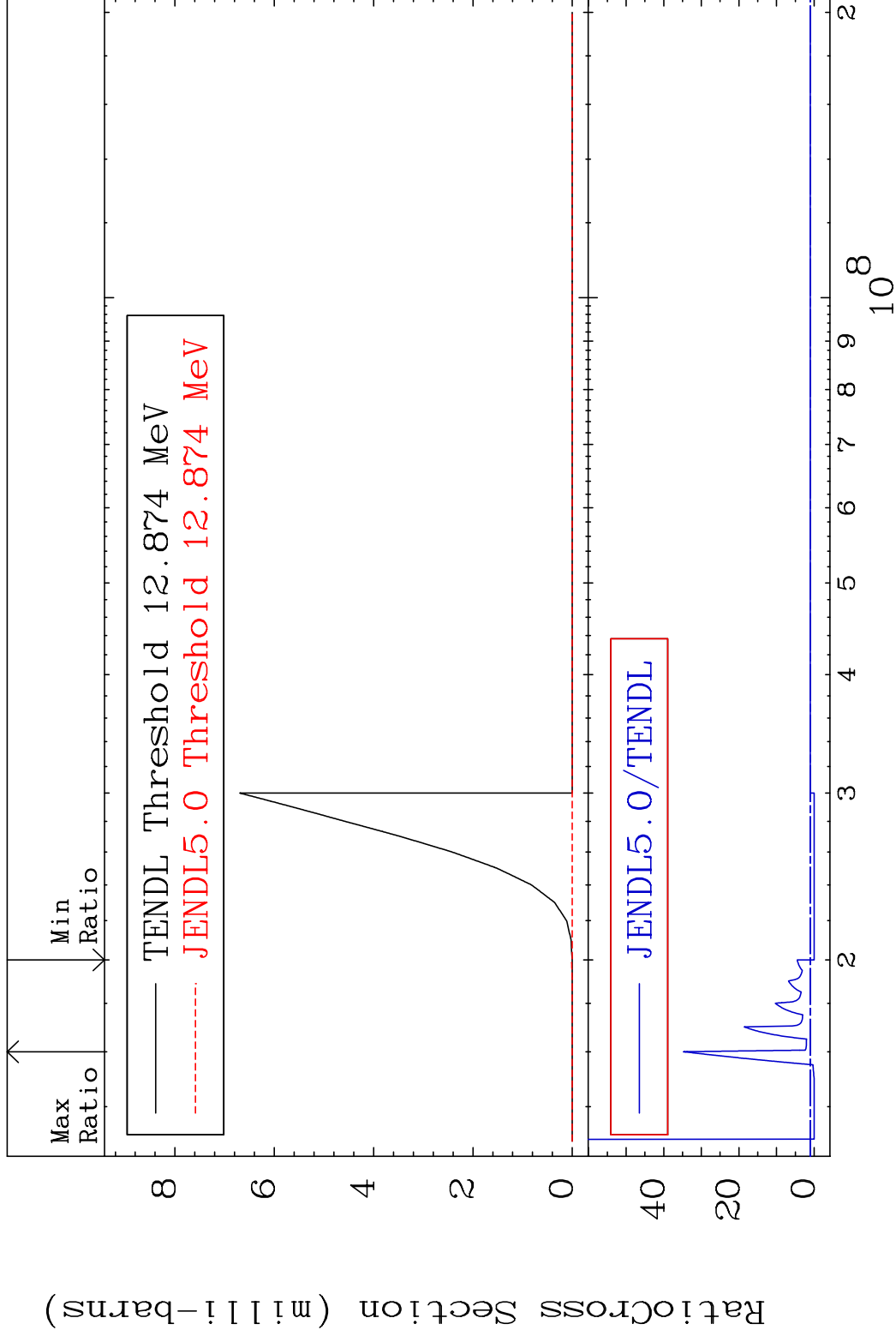
74-W -186

MAT 7443

(n, n') d

74-W -186

Cross Section -100.0 To 3369. %



10

Incident Energy (eV)

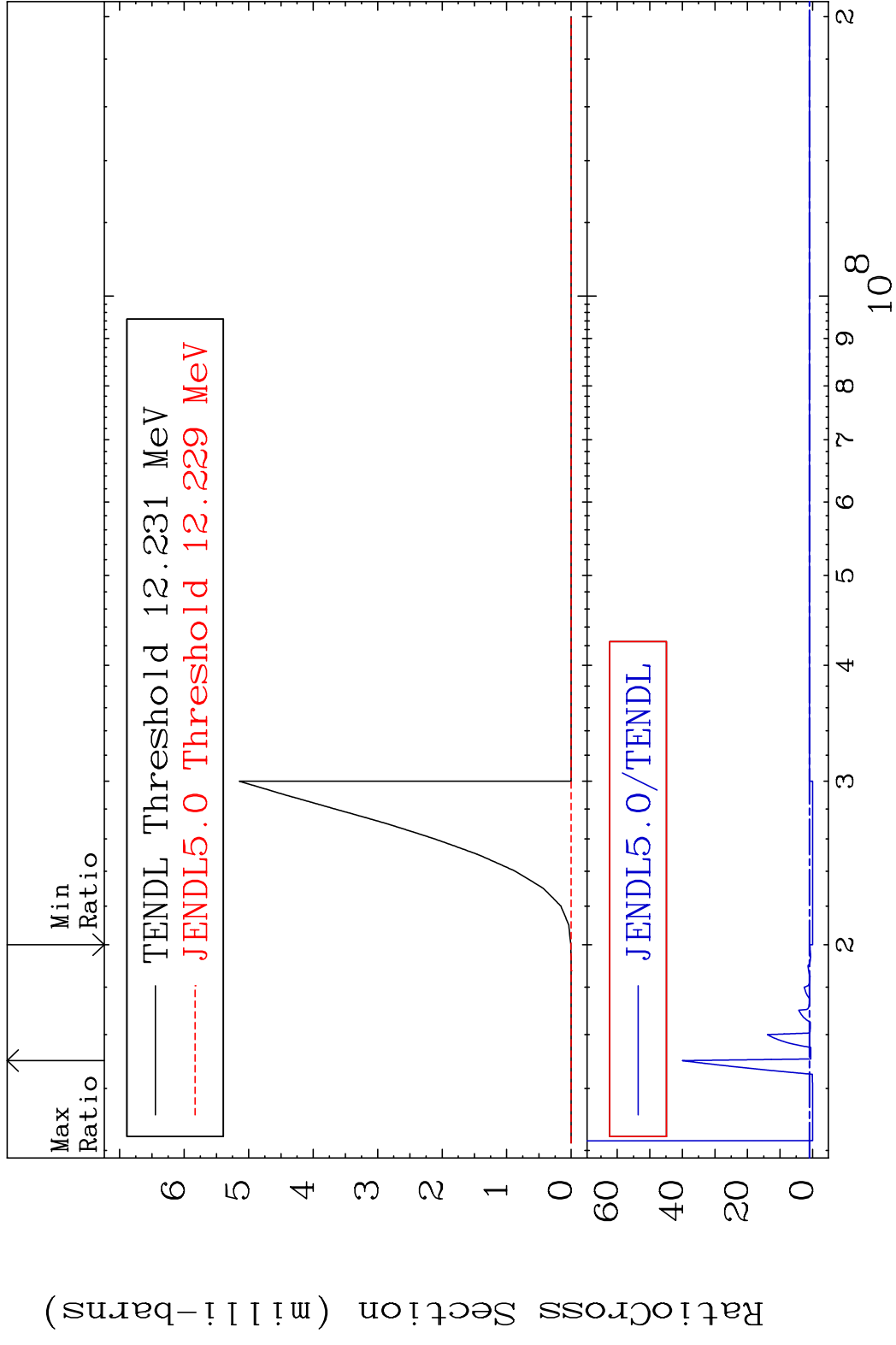
74-W -186

MAT 7443

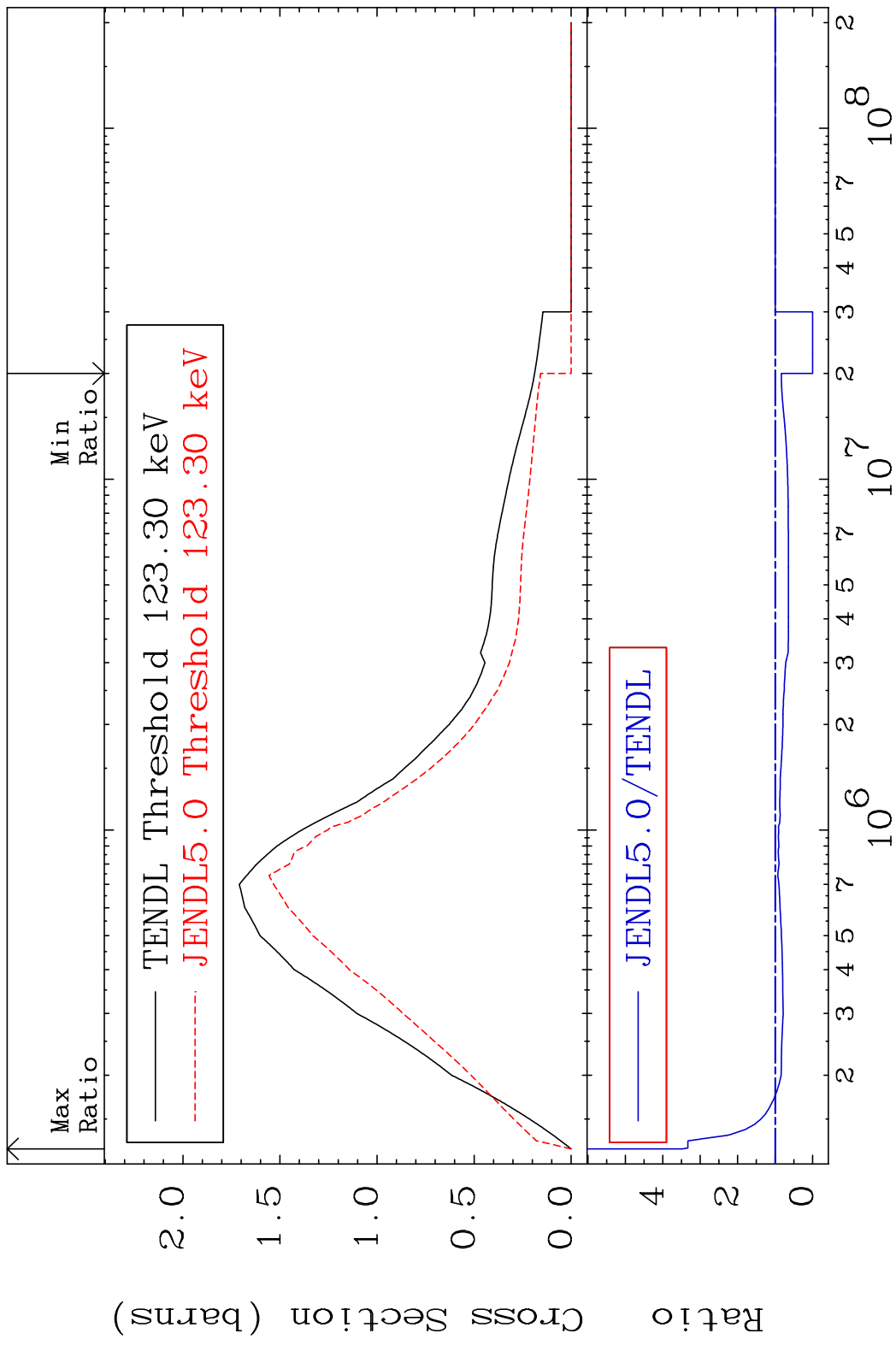
(n, n') t

74-W -186

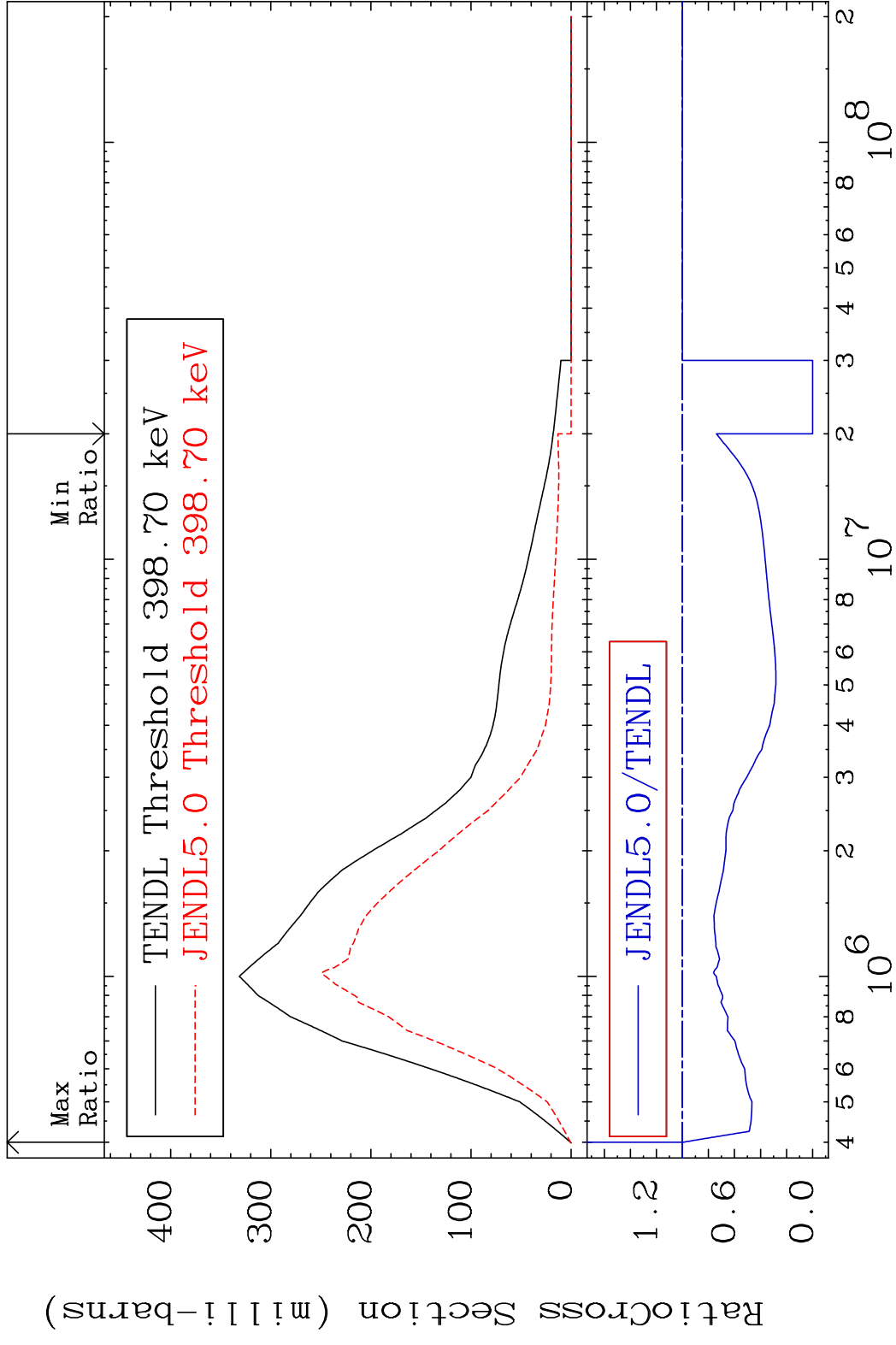
Cross Section -100.0 To 3900. %



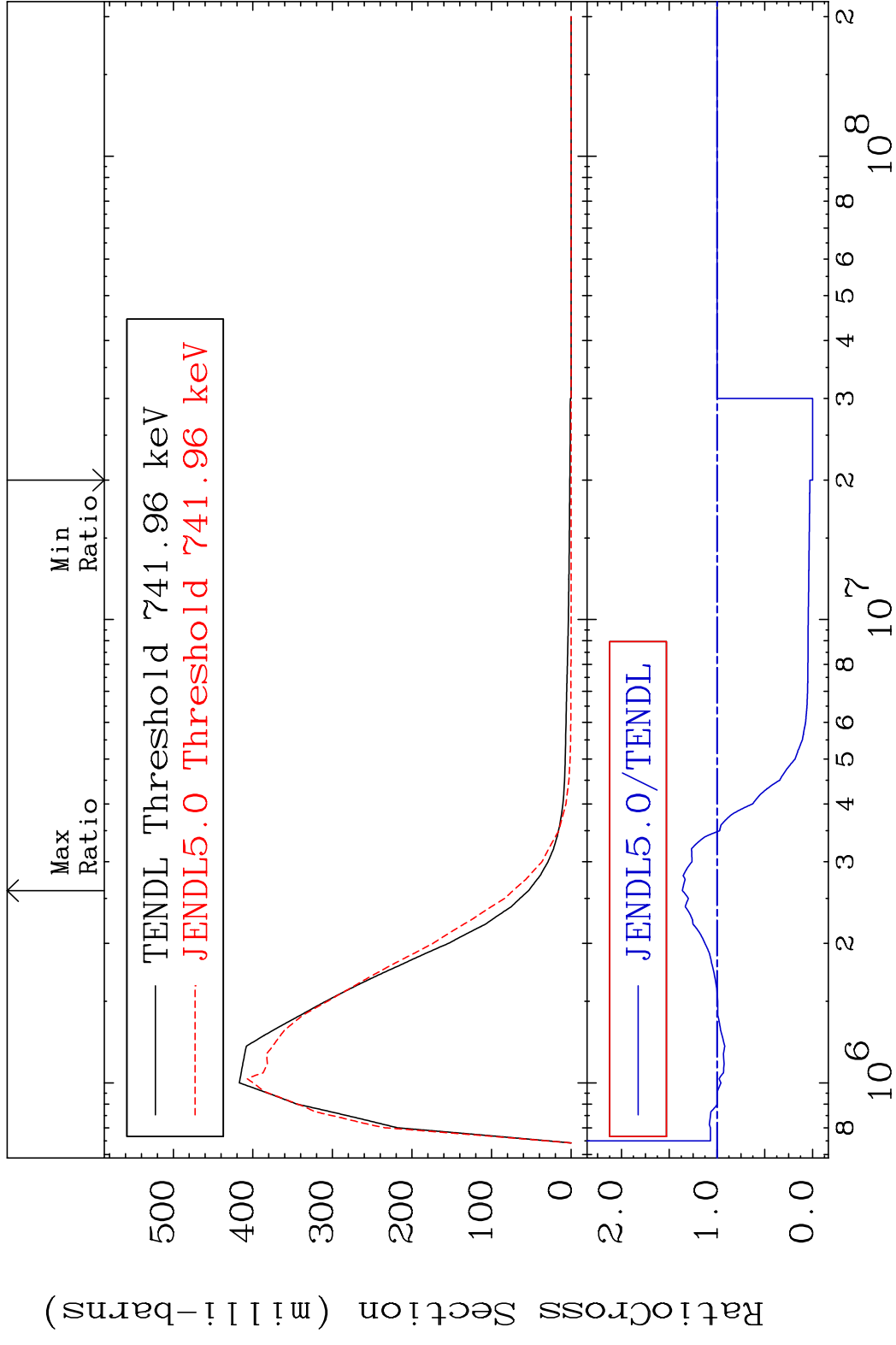
MAT 7443 MT= 51 (n, n') Level 74-W -186  
 Cross Section -100.0 To 247.7 %



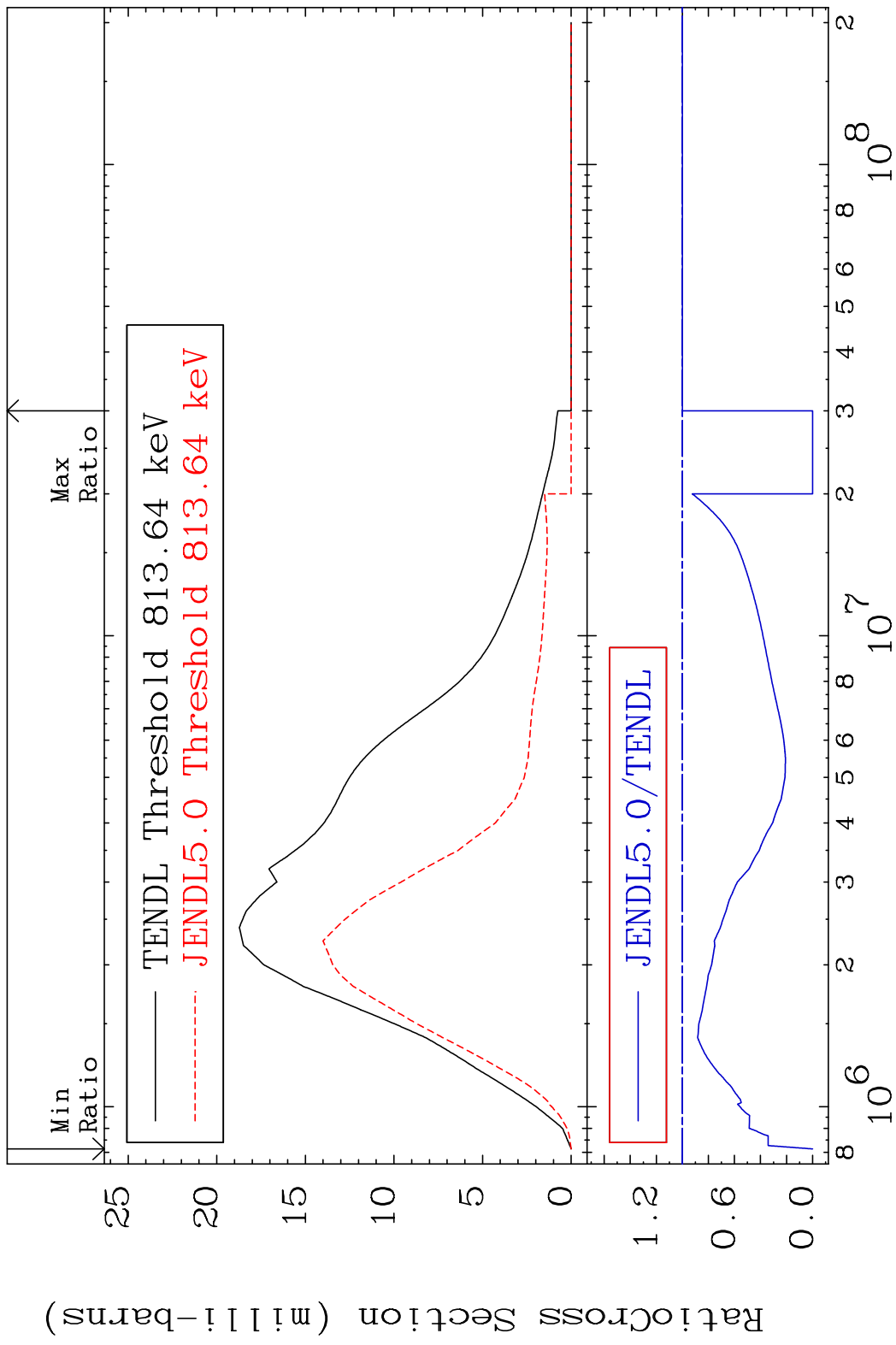
MAT 7443 MT= 52 (n, n') Level 74-W -186  
 Cross Section -100.0 To 0.052 %



MAT 7443 MT= 53 (n, n') Level 74-W -186  
 Cross Section -100.0 To 36.28 %

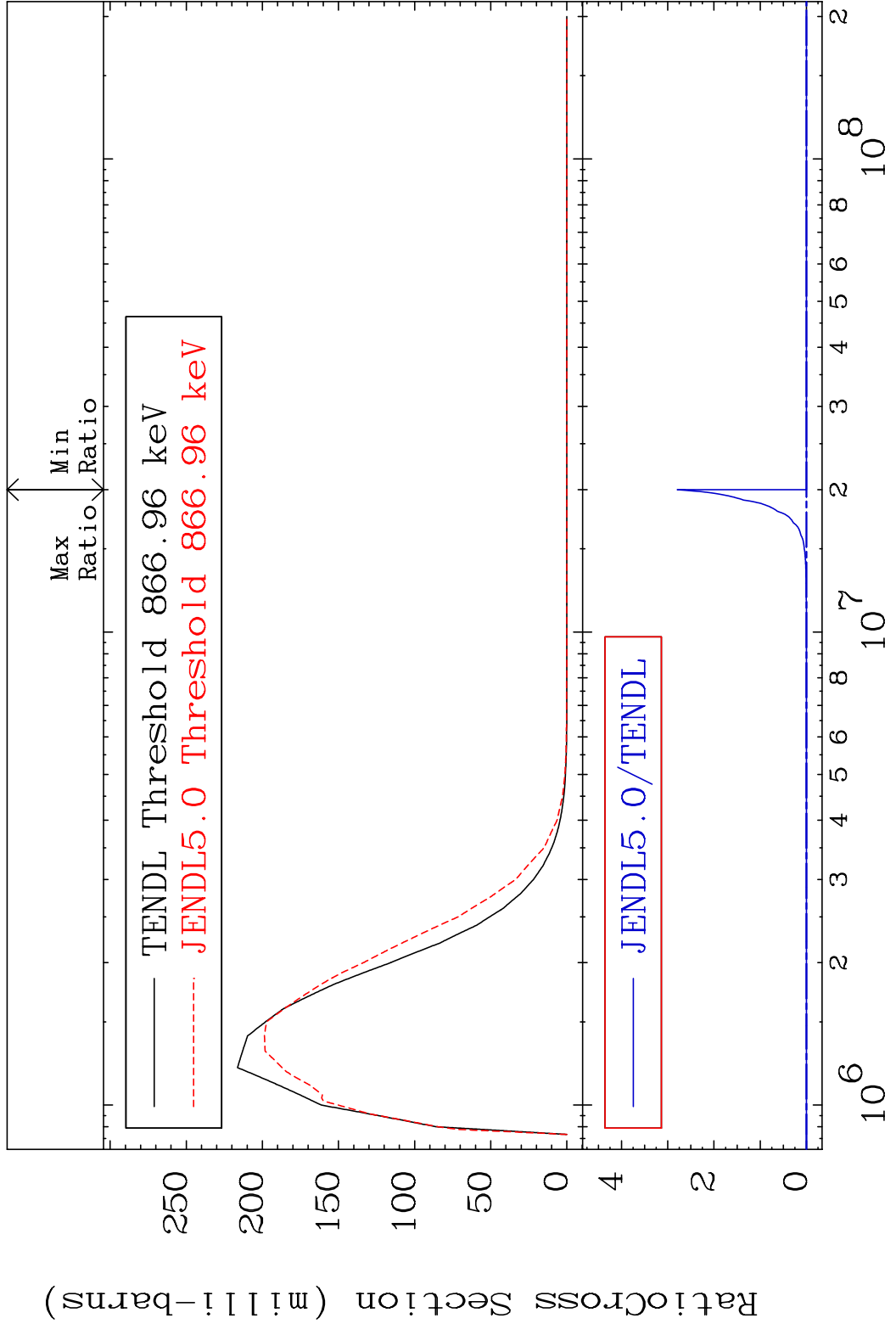


MAT 7443 MT= 54 (n, n') Level 74-W -186  
 Cross Section -100.0 To 0.000 %



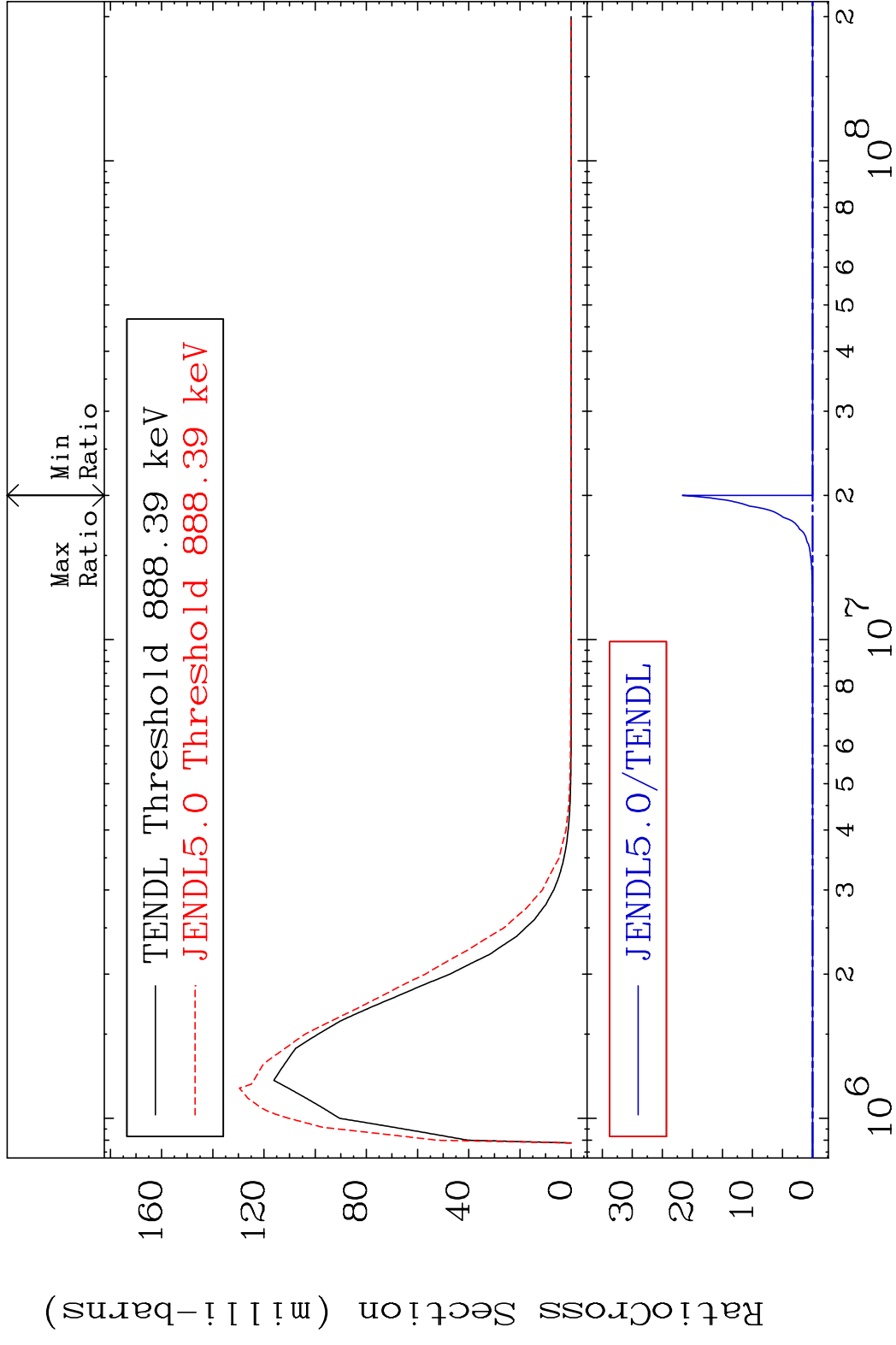
15 Incident Energy (eV) 74-W -186

MAT 7443 MT= 55 (n, n') Level 74-W -186  
 Cross Section -100.0 To 9999. %



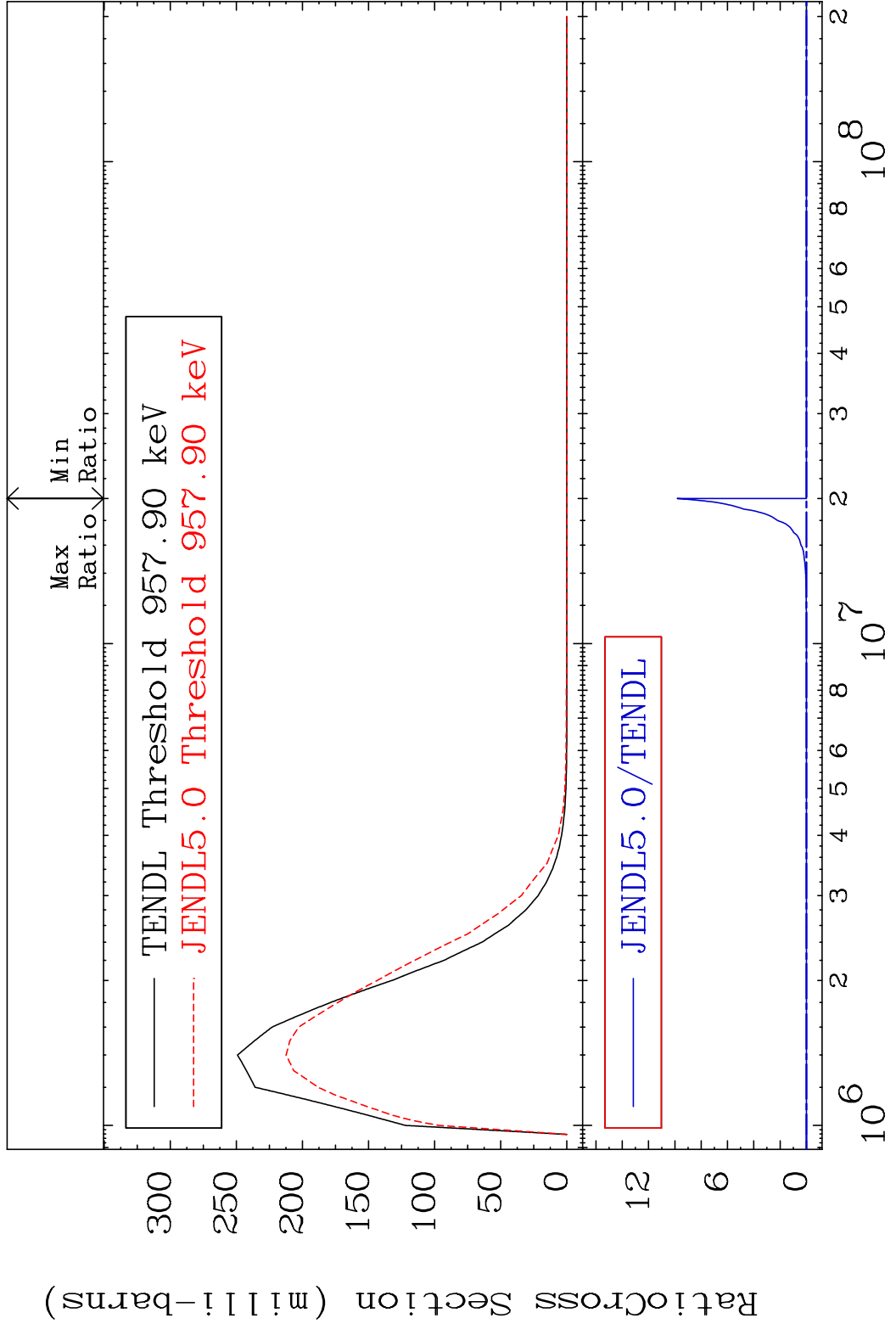
16 Incident Energy (eV) 74-W -186

MAT 7443 MT= 56 (n, n') Level 74-W -186  
 Cross Section -100.0 To 9999. %



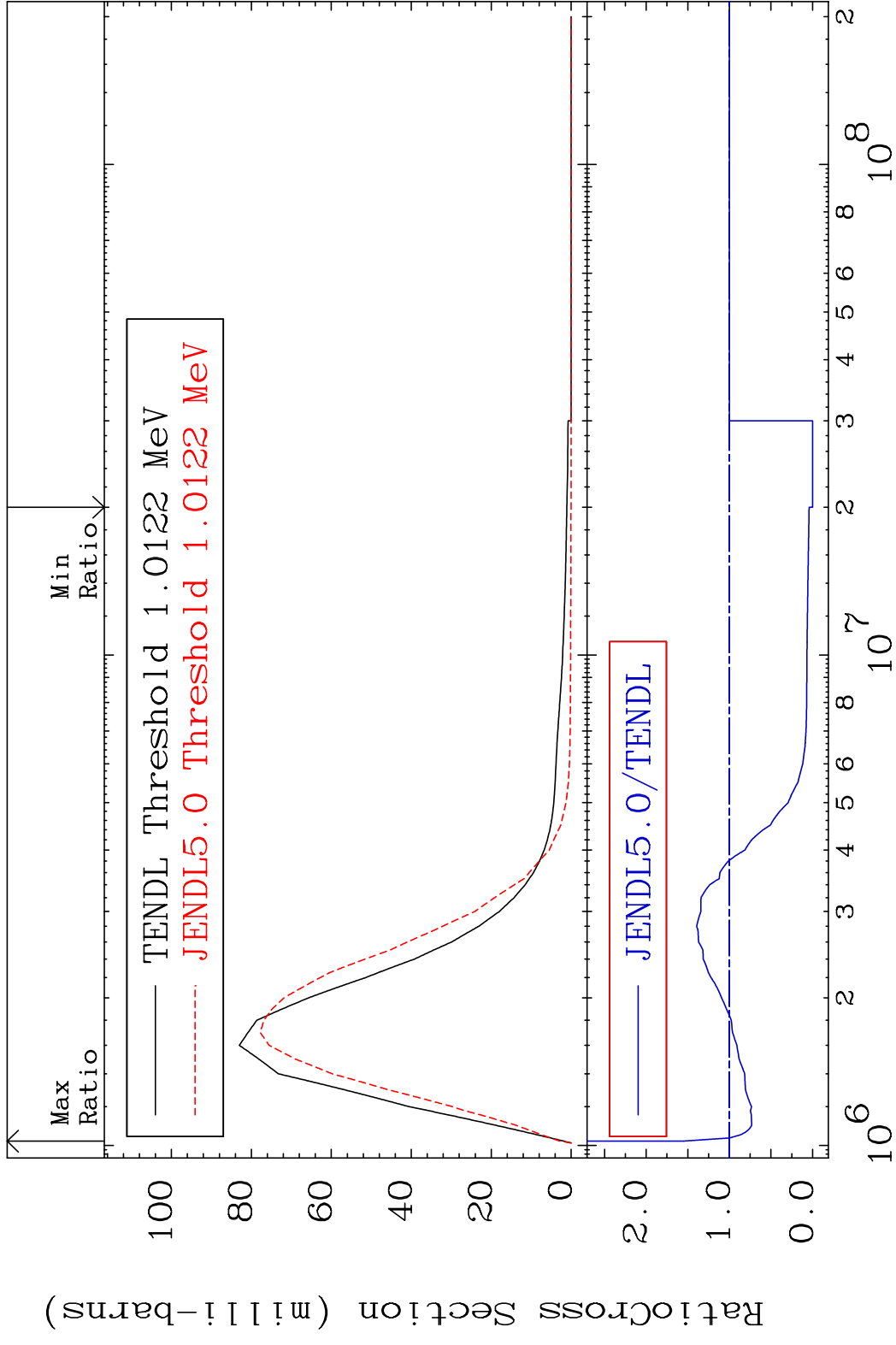
17 Incident Energy (eV) 74-W -186

MAT 7443 MT= 57 (n, n') Level 74-W -186  
 Cross Section -100.0 To 9999. %



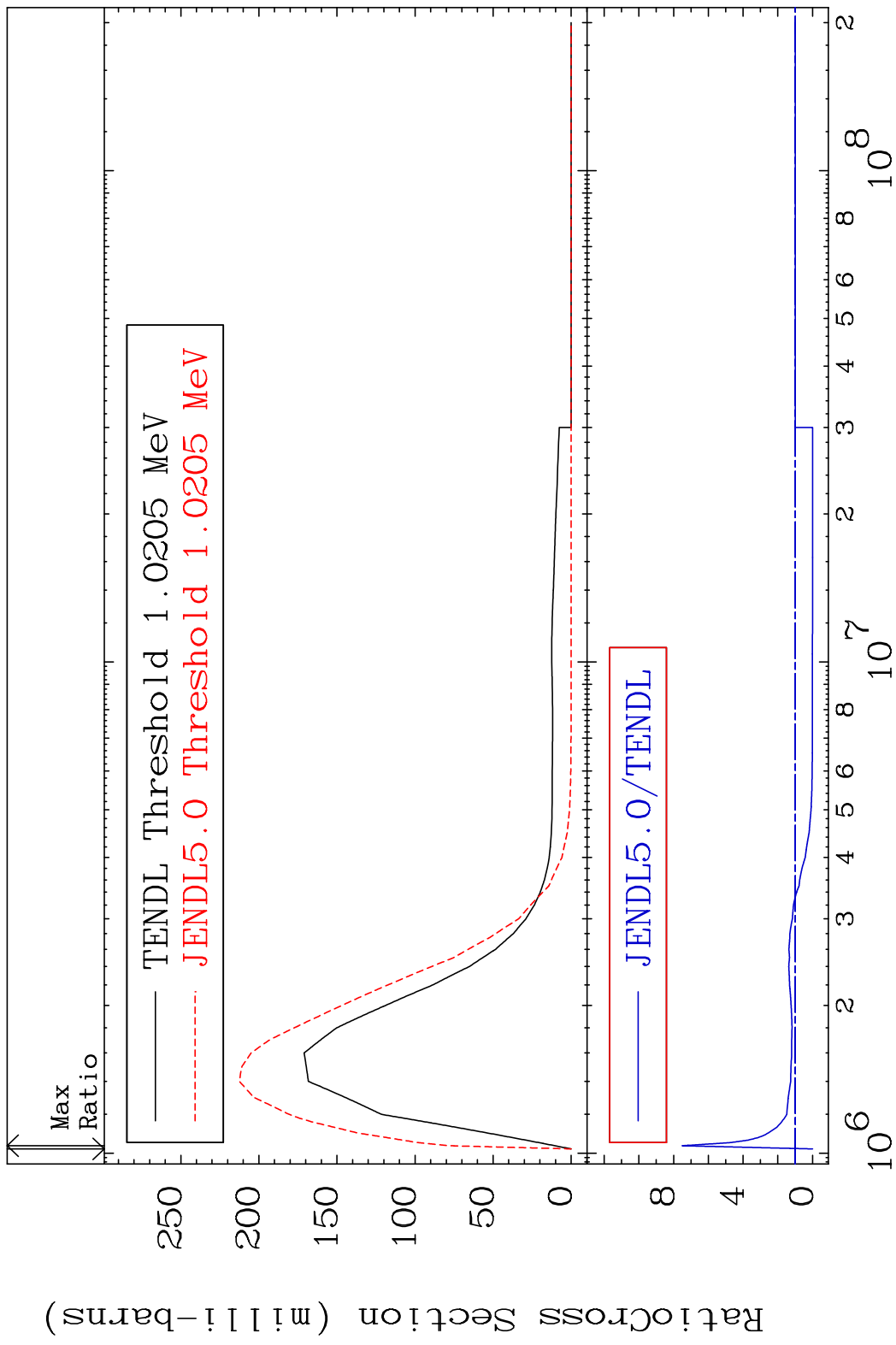
18 Incident Energy (eV) 74-W -186

MAT 7443 MT= 58 (n, n') Level 74-W -186  
 Cross Section -100.0 To 56.50 %



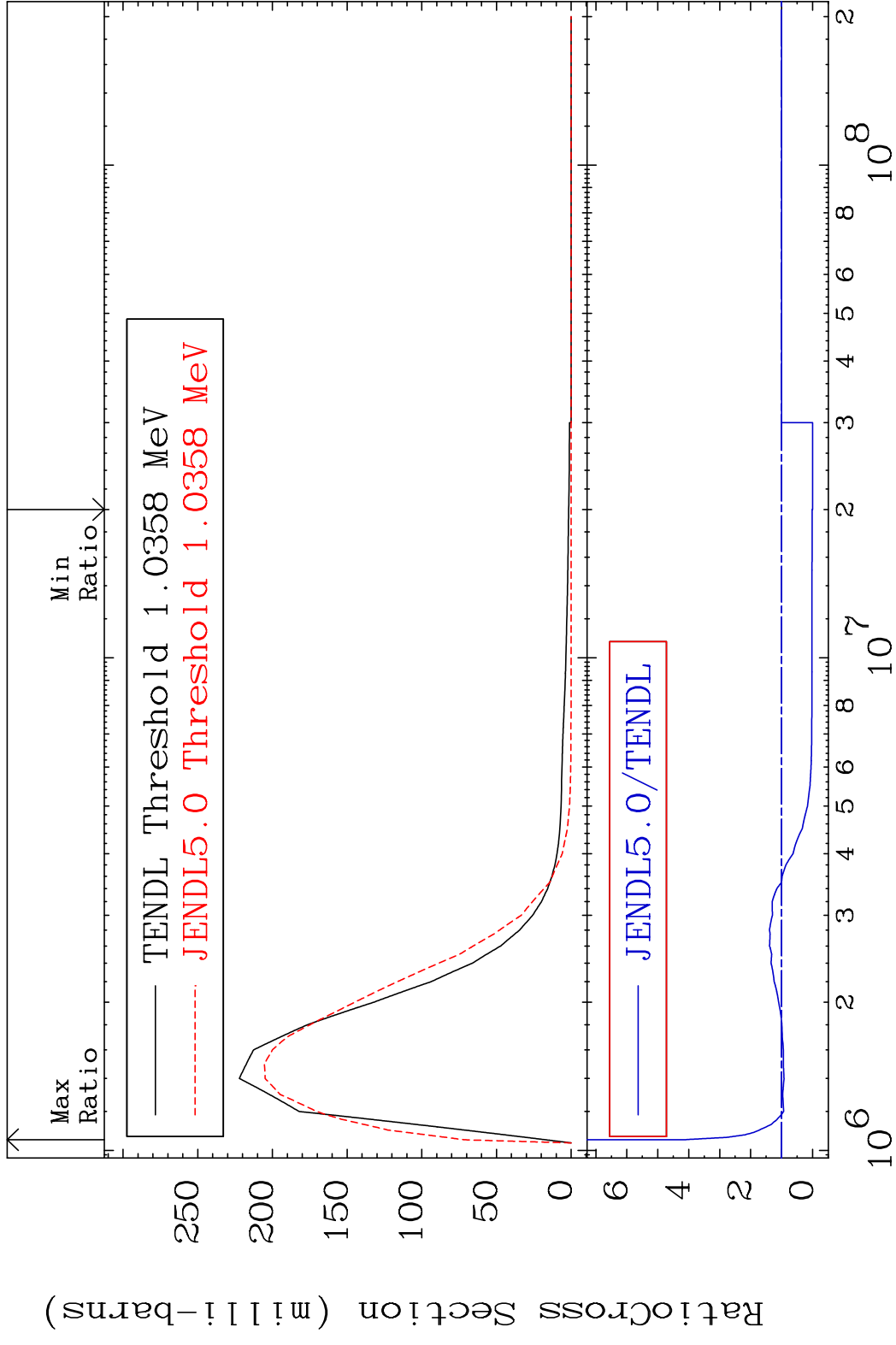
19 Incident Energy (eV) 74-W -186

MAT 7443 MT= 59 (n, n') Level 74-W -186  
 Cross Section -100.0 To 649.7 %

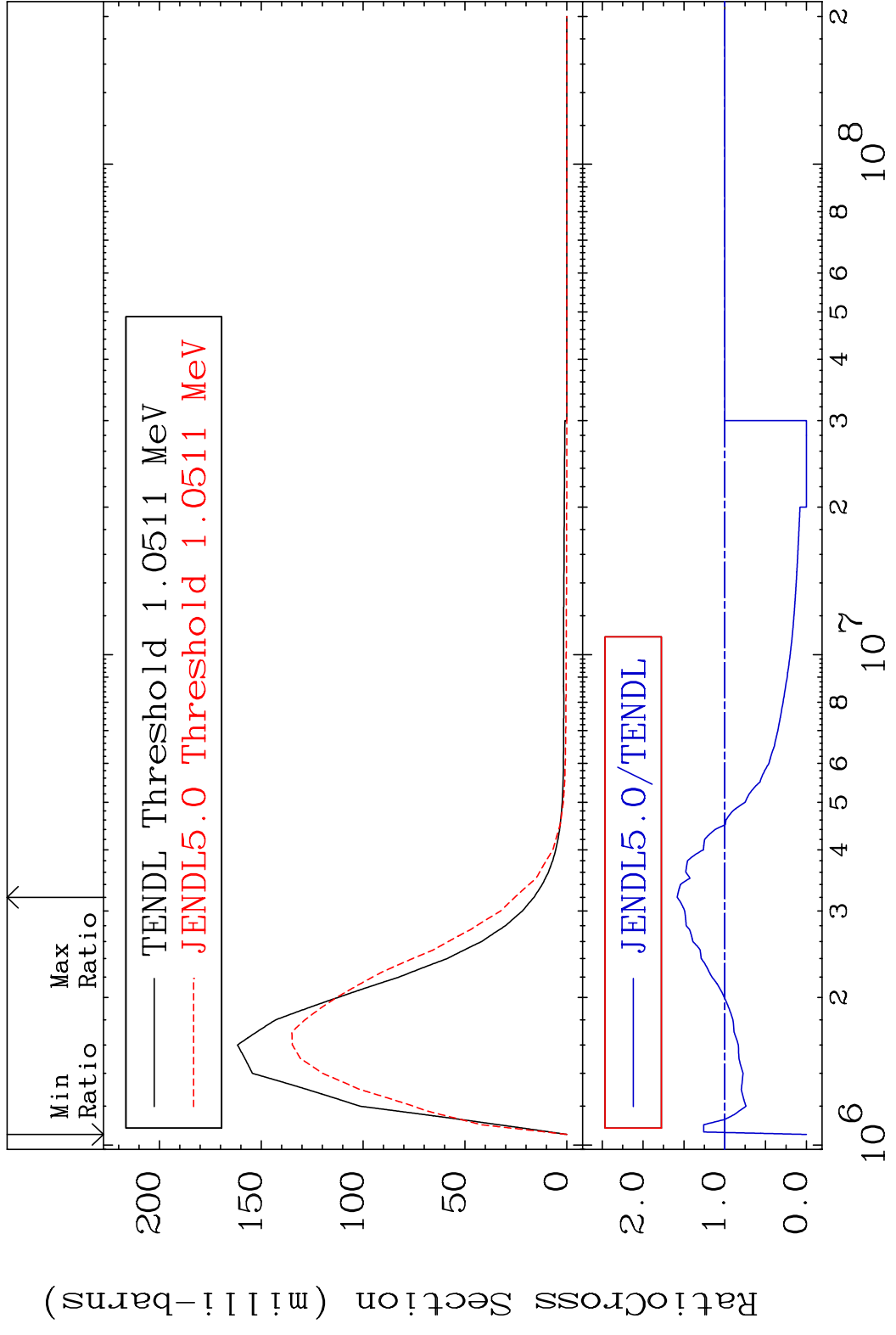


20 Incident Energy (eV) 74-W -186

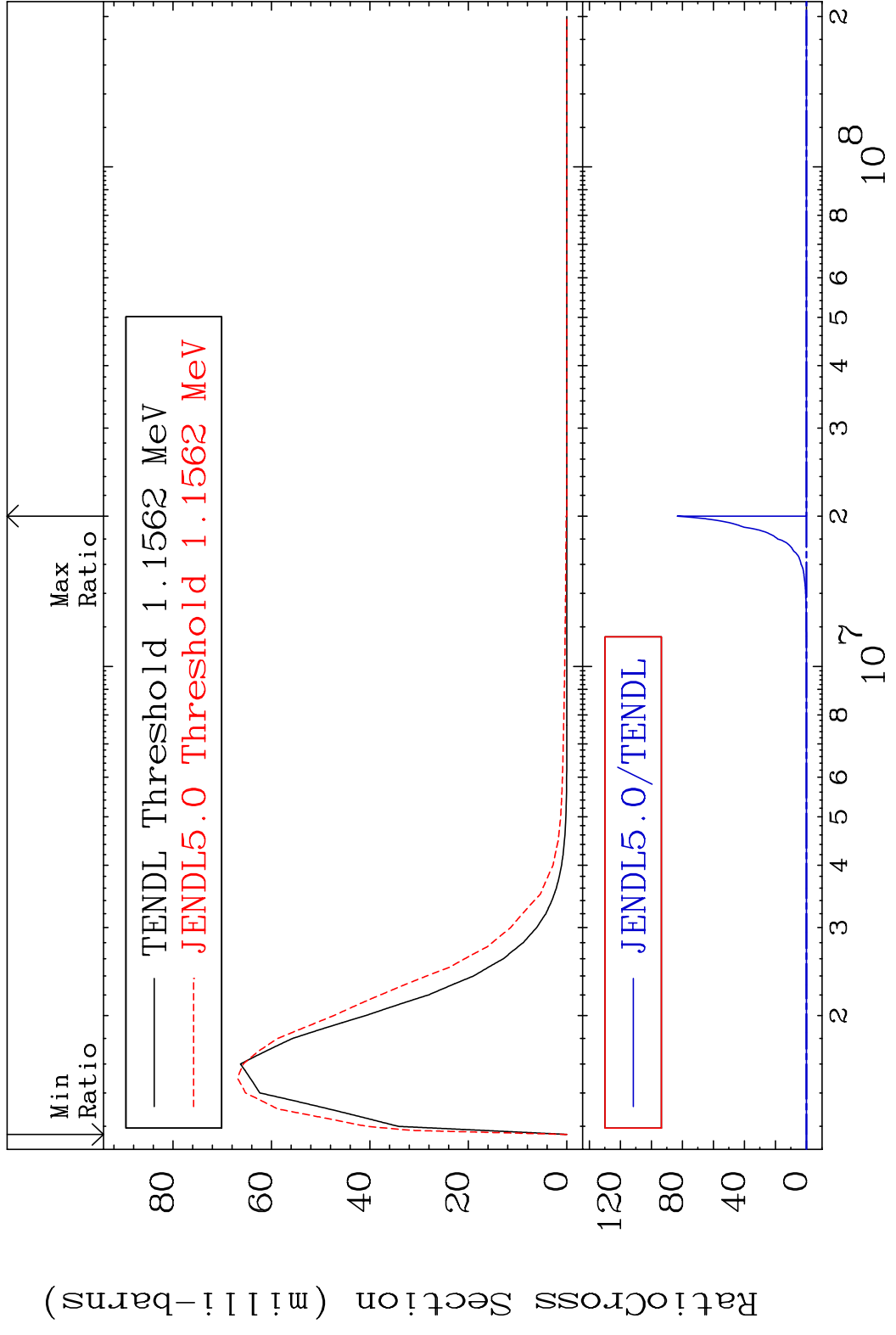
MAT 7443 MT= 60 (n, n') Level 74-W -186  
 Cross Section -100.0 To 320.7 %



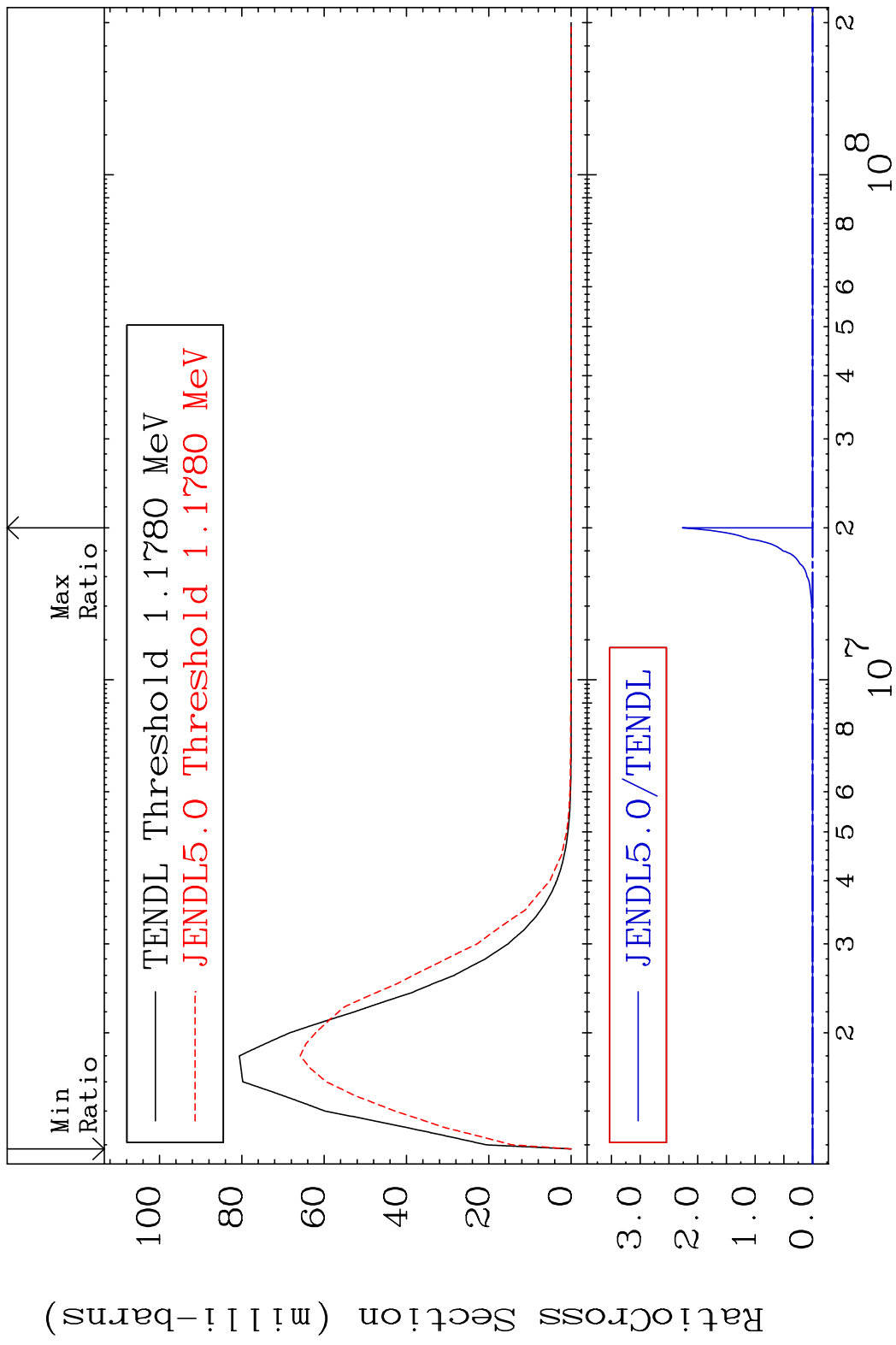
MAT 7443 MT= 61 (n, n') Level 74-W -186  
 Cross Section -100.0 To 58.26 %



MAT 7443 MT= 62 (n, n') Level 74-W -186  
 Cross Section -100.0 To 9999. %



MAT 7443 MT= 63 (n, n') Level 74-W -186  
 Cross Section -100.0 To 9999. %

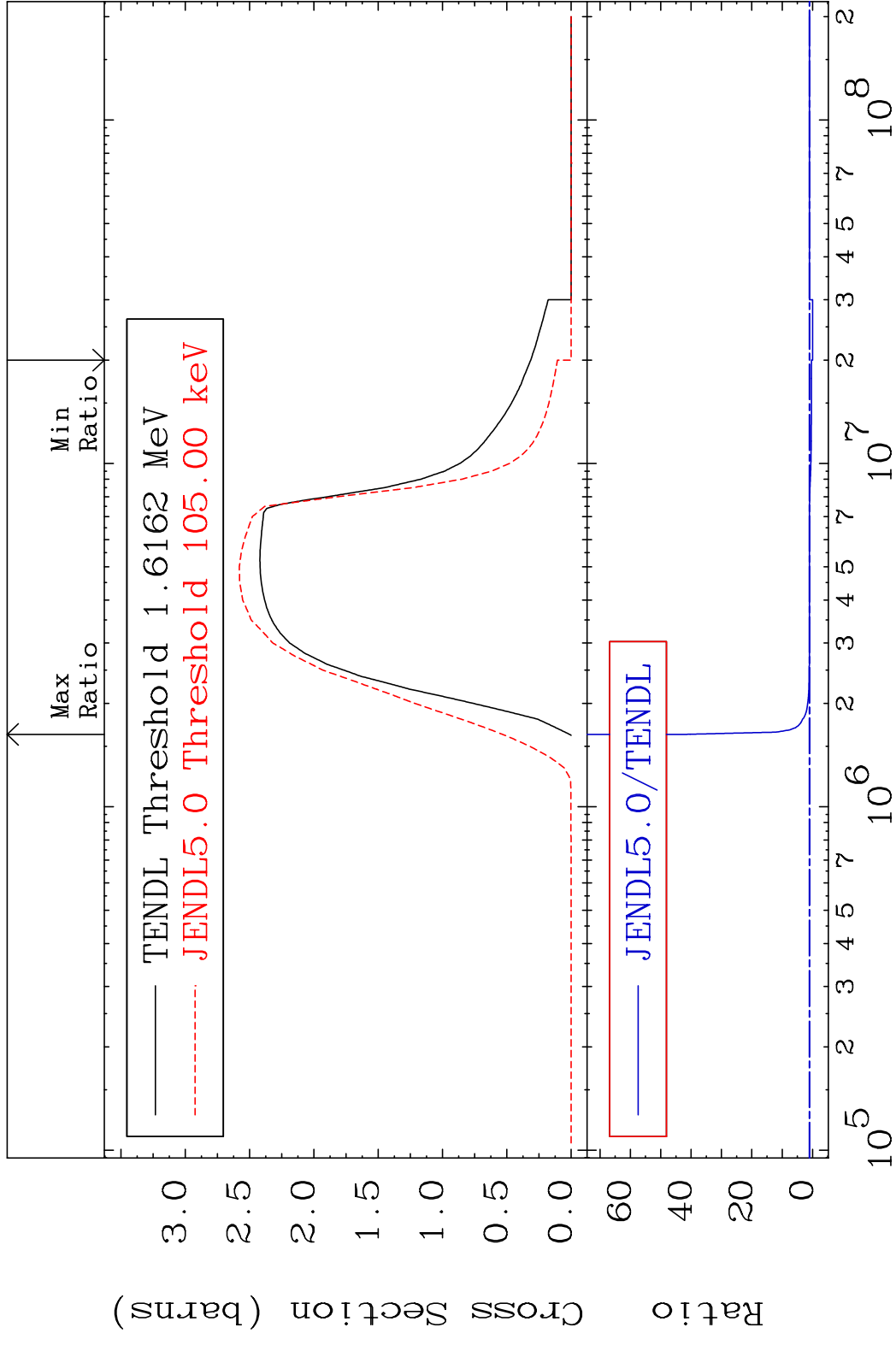


MAT 7443

(n, n') Continuum

74-W -186

Cross Section -100.0 To 4188. %



25

Incident Energy (eV)

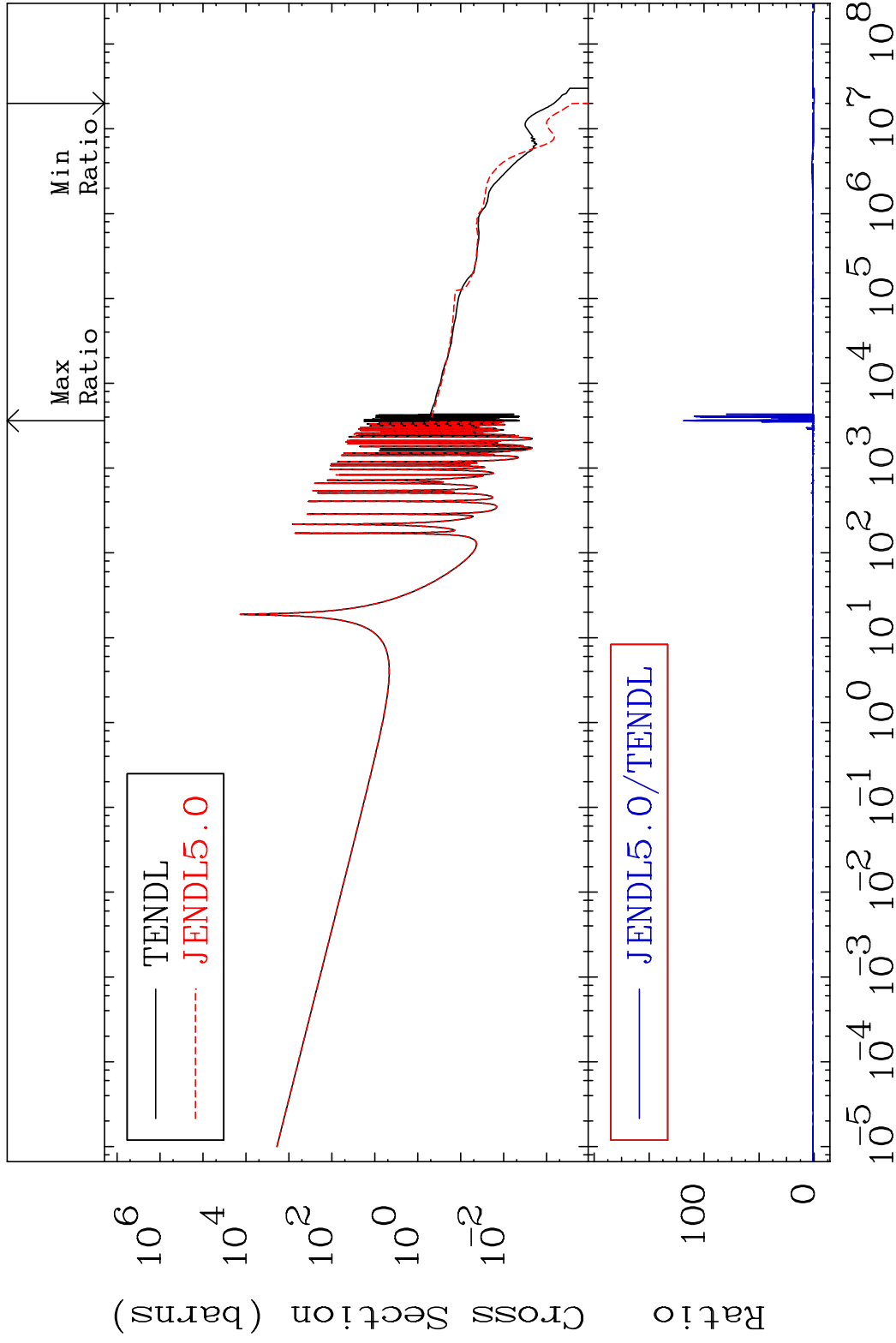
74-W -186

MAT 7443

(n,  $\gamma$ )

74-W -186

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

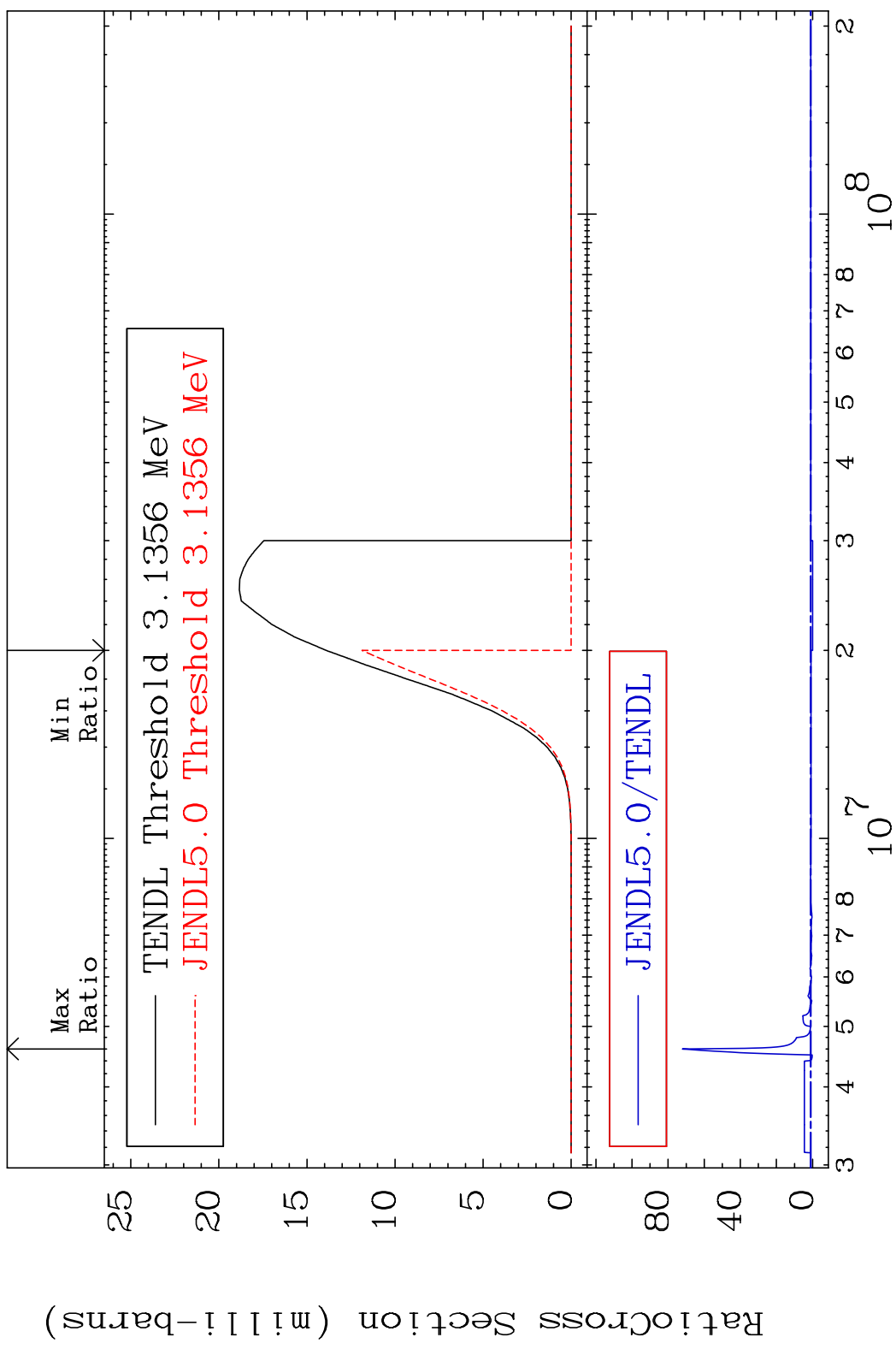
74-W -186

MAT 7443

(n,p)

74-W -186

Cross Section -100.0 To 7111. %

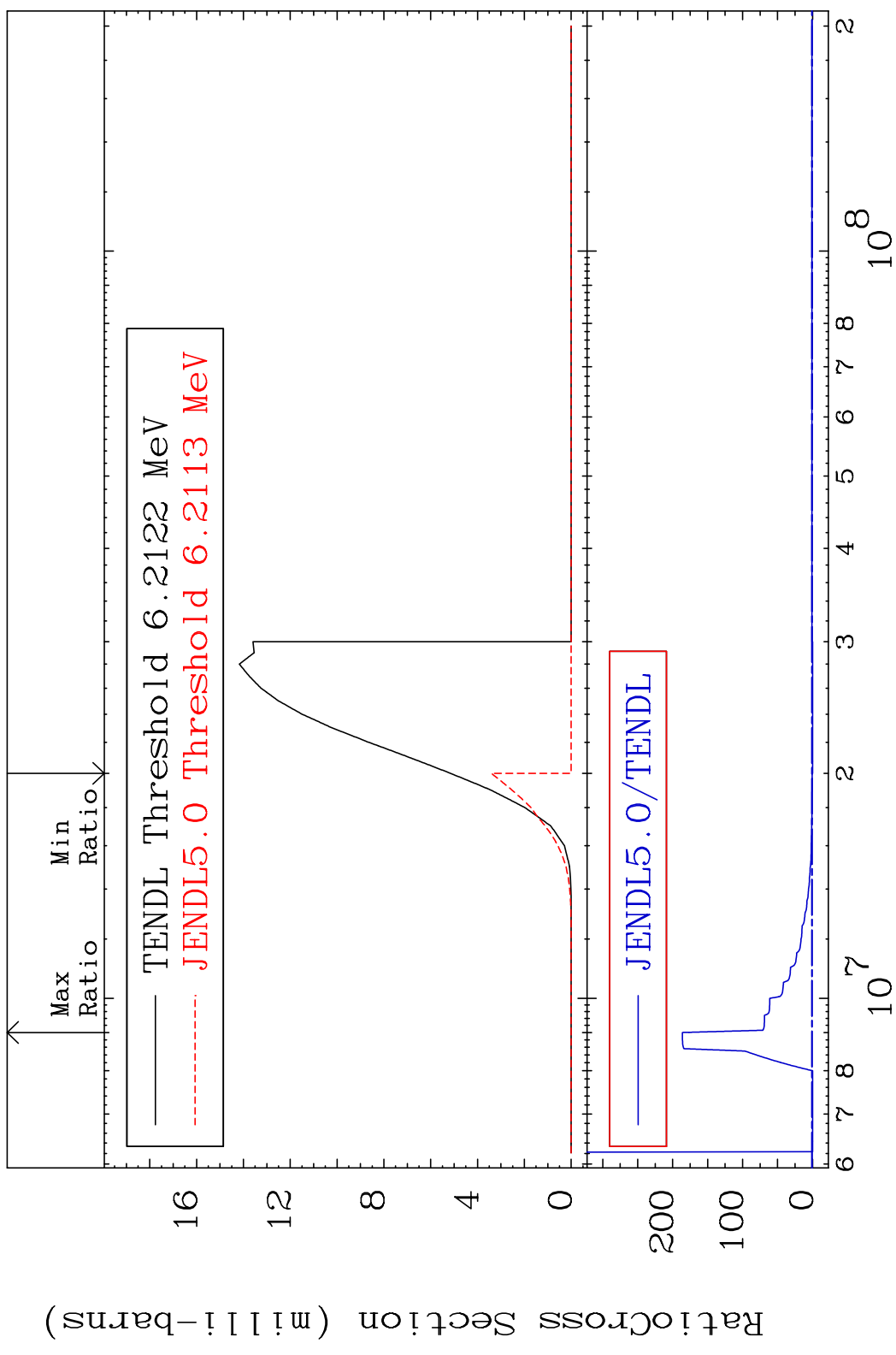


MAT 7443

(n,d)

74-W -186

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

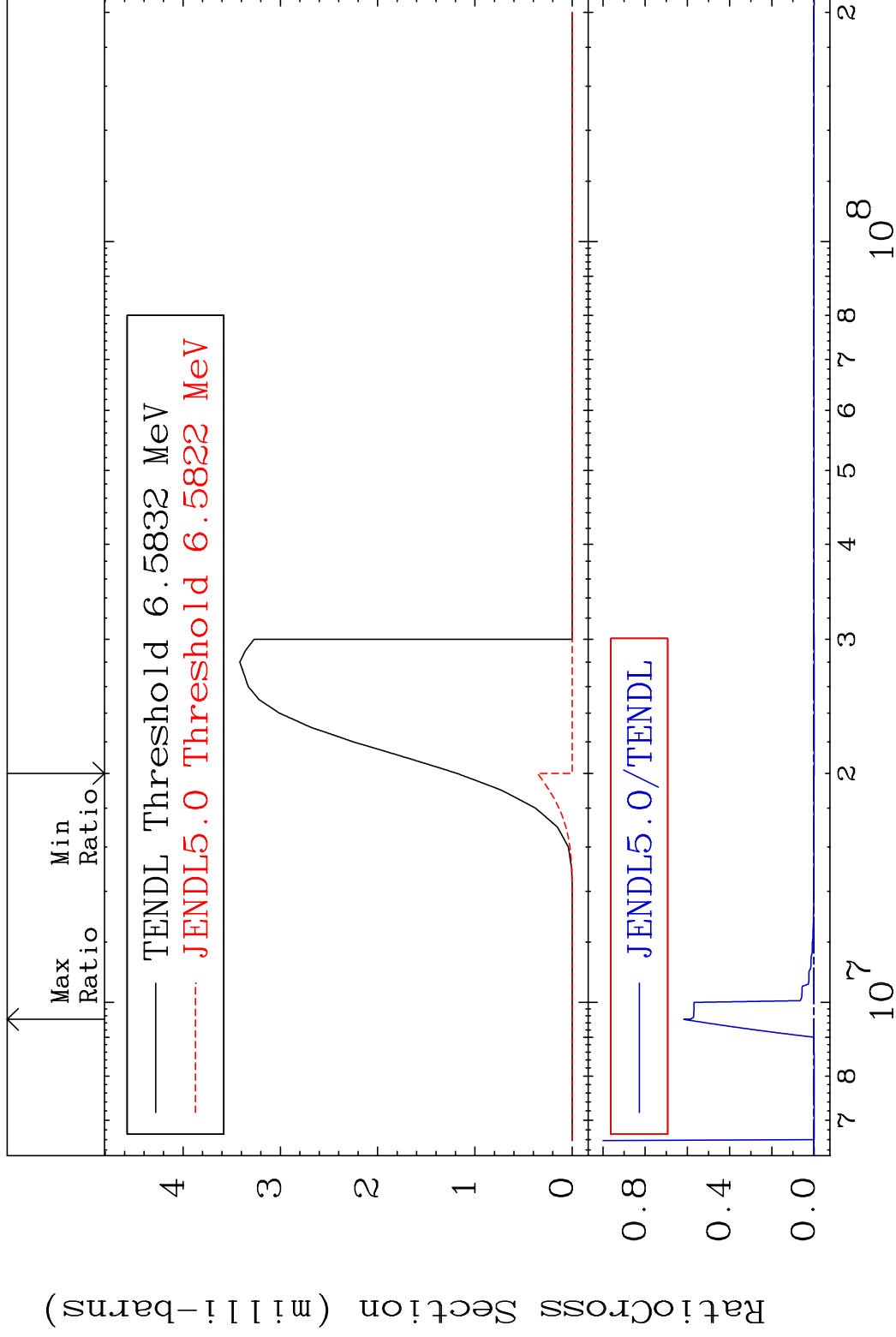
74-W -186

MAT 7443

(n, t)

74-W -186

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

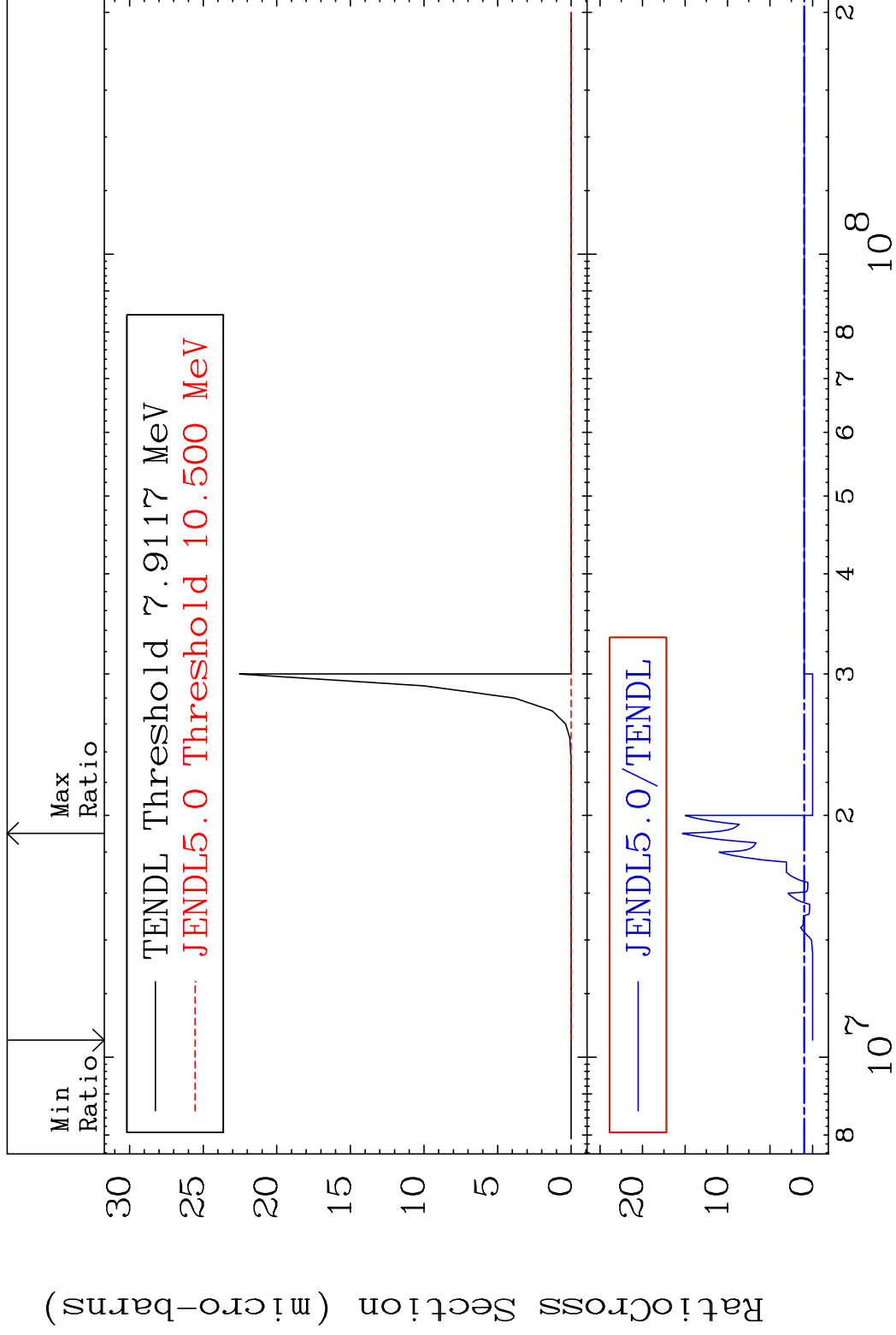
74-W -186

MAT 7443

(n, He-3)

74-W -186

Cross Section -100.0 To 1432. %



30

Incident Energy (eV)

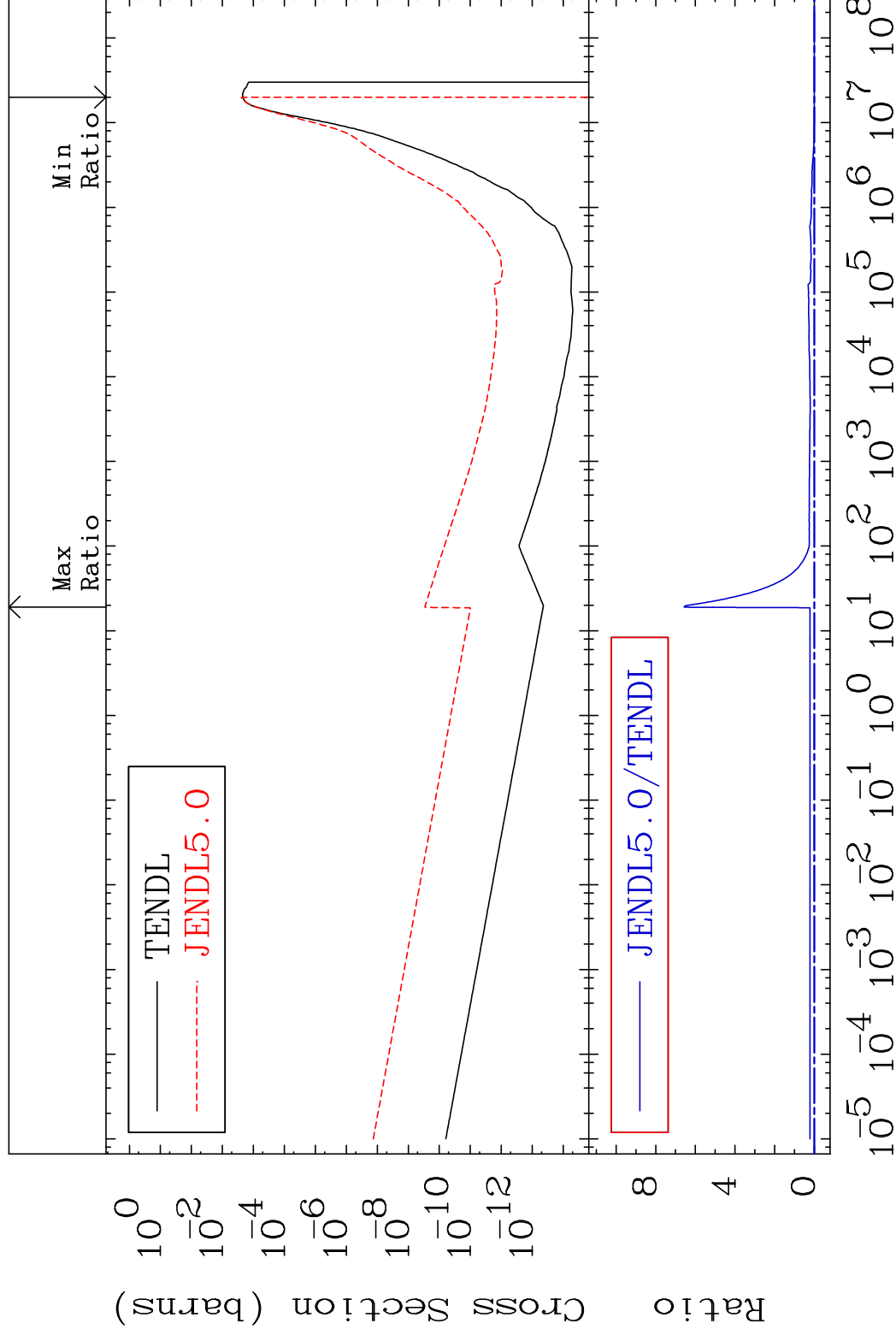
74-W -186

MAT 7443

74-W -186

(n,  $\alpha$ )

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

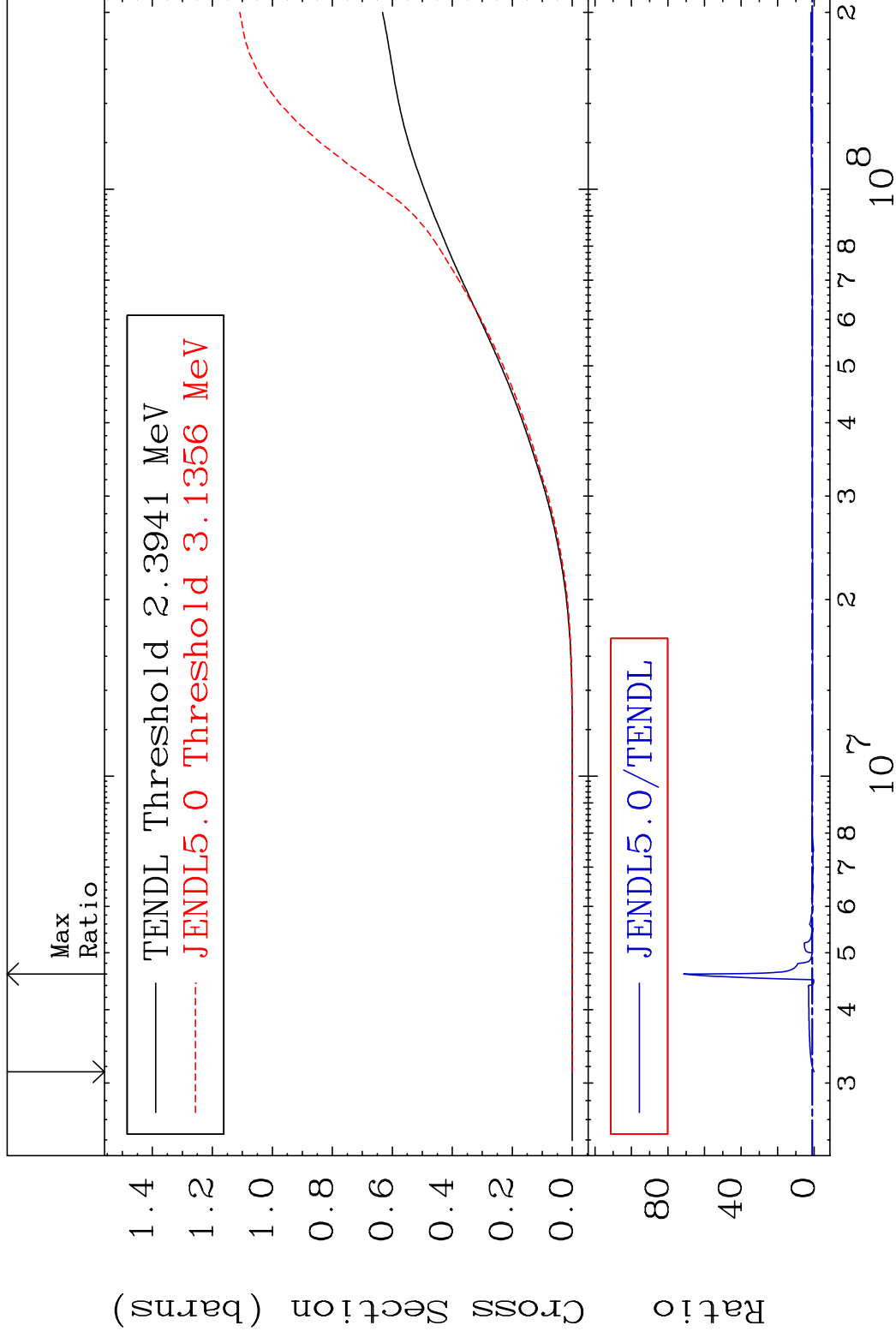
74-W -186

MAT 7443

Hydrogen Production

74-W -186

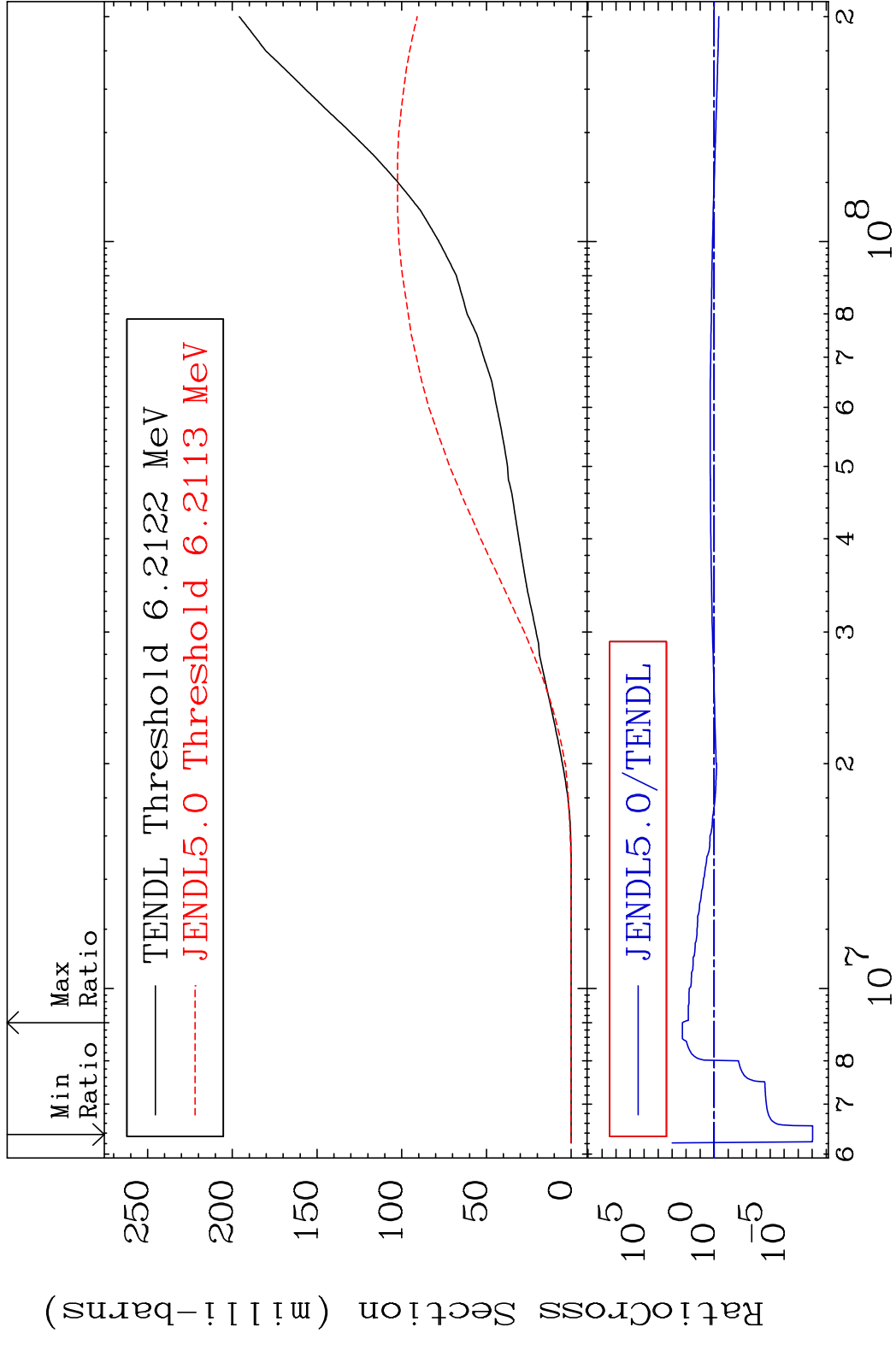
Cross Section -100.0 To 7042. %

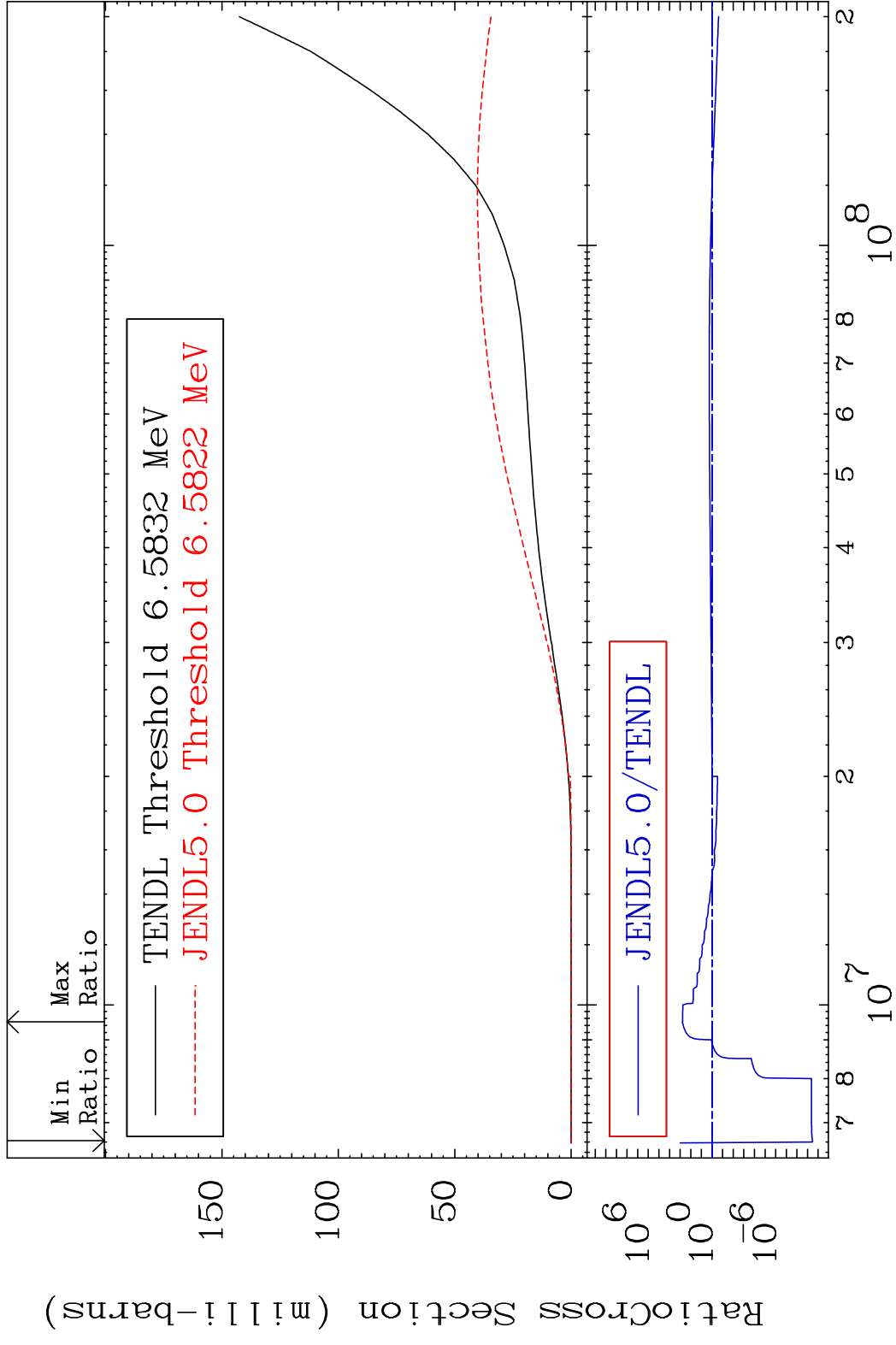


32

Incident Energy (eV)

74-W -186



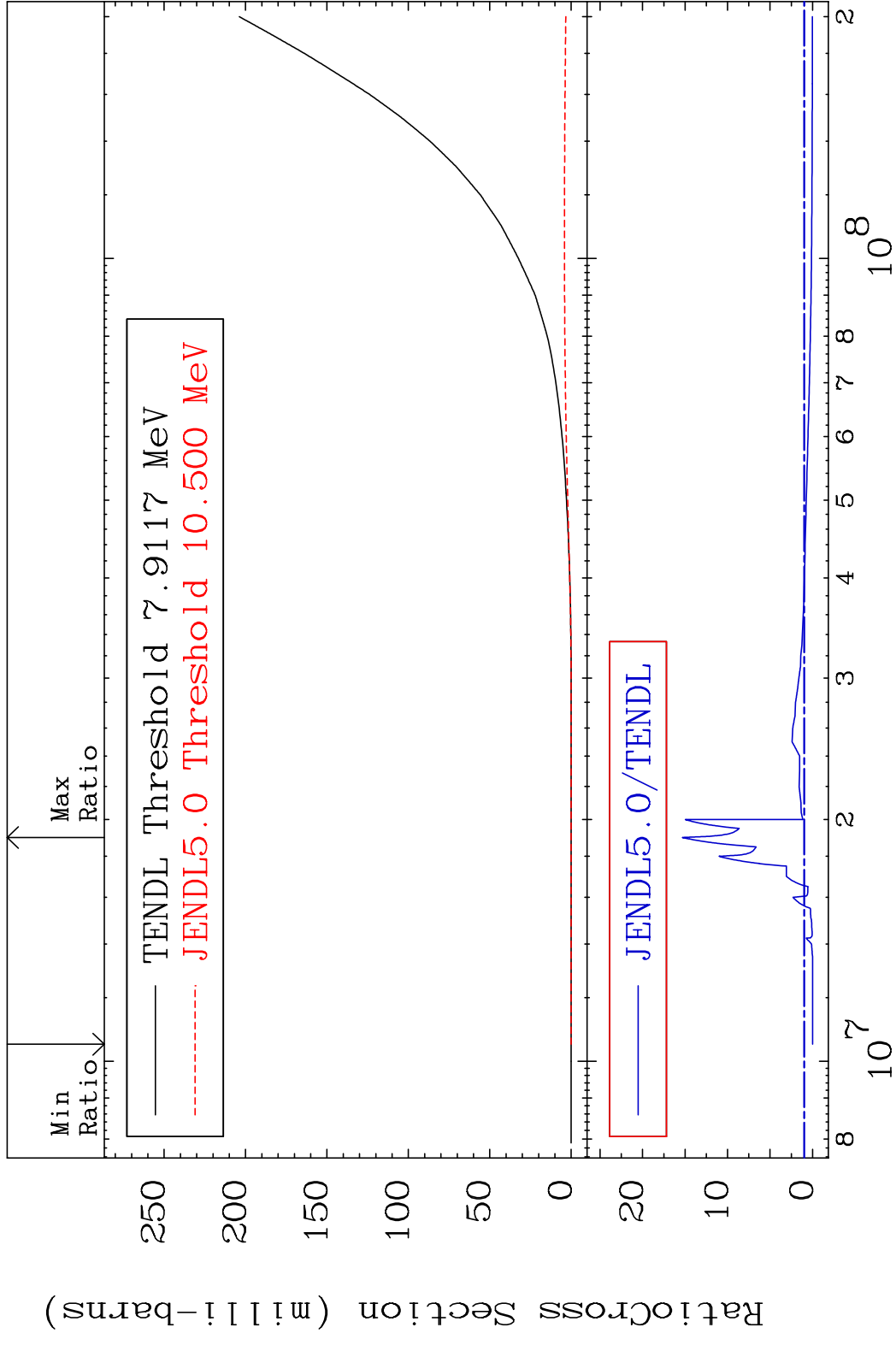


MAT 7443

He-3 Production

74-W -186

Cross Section -100.0 To 1432. %



35

Incident Energy (eV)

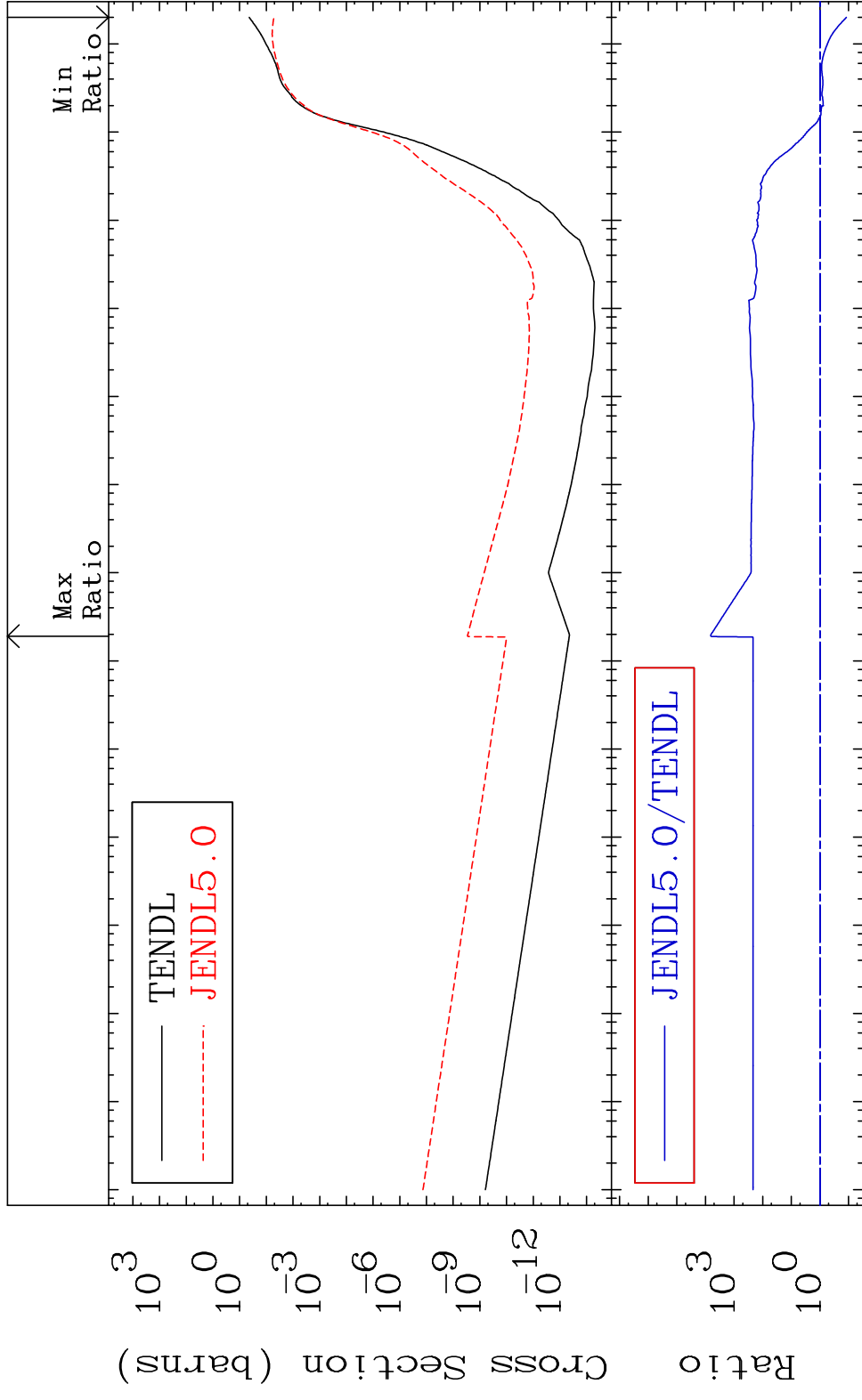
74-W -186

MAT 7443

He-4 Production

74-W -186

Cross Section -88.03 To 9999. %

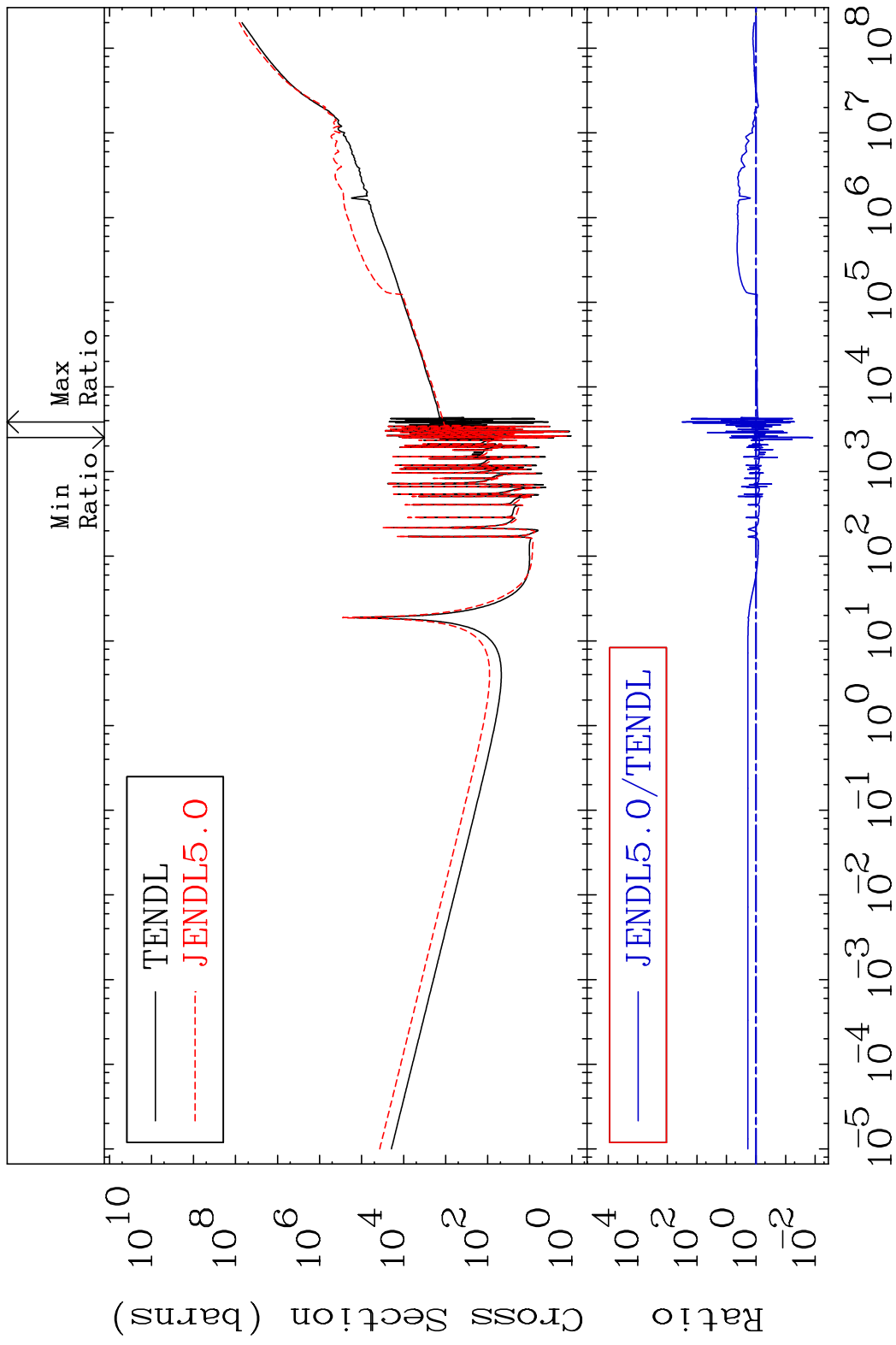


36

Incident Energy (eV)

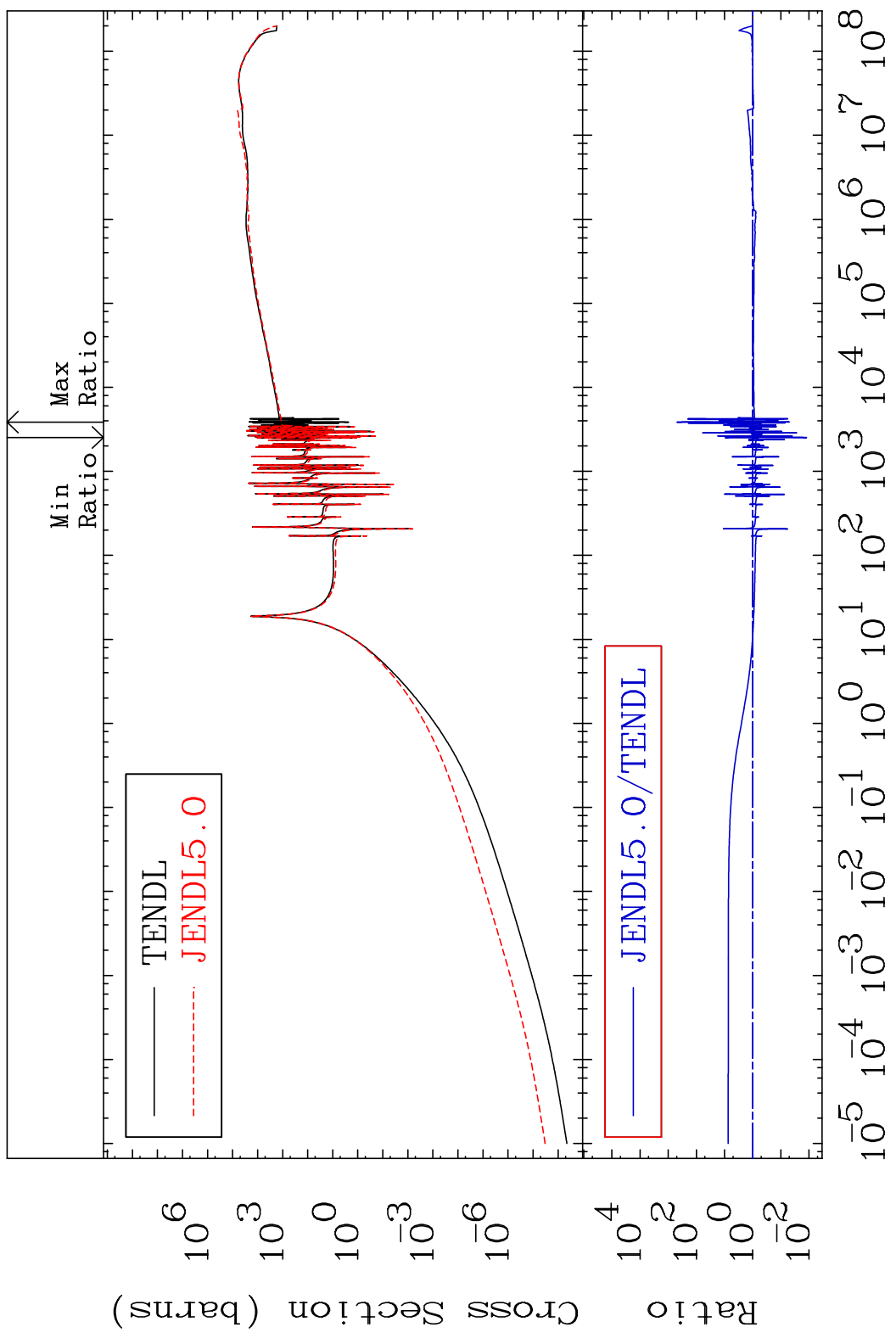
74-W -186

MAT 7443 Kerma total (eV-barns) 74-W -186  
 Cross Section -98.77 To 9999. %

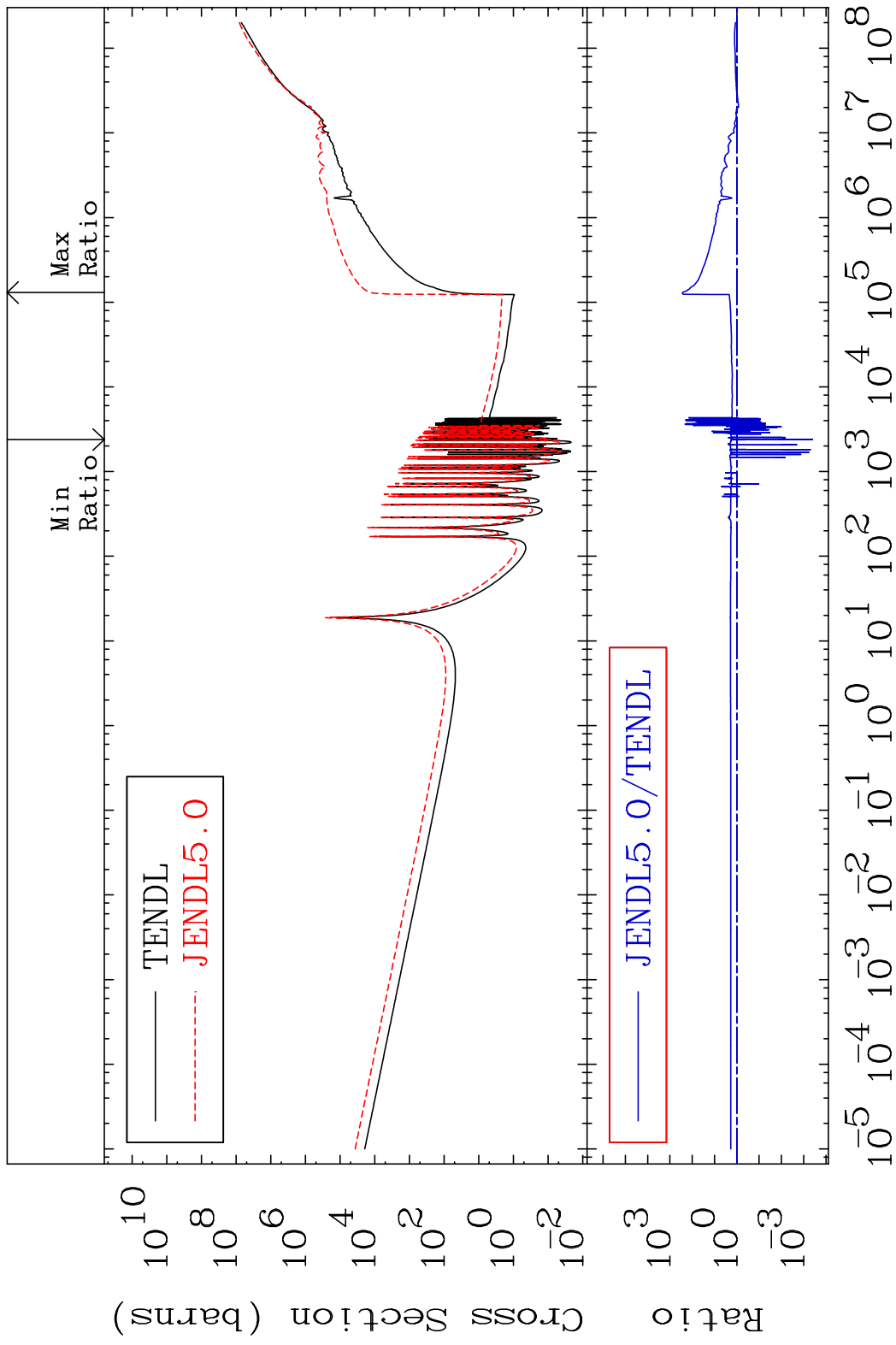


MAT 7443

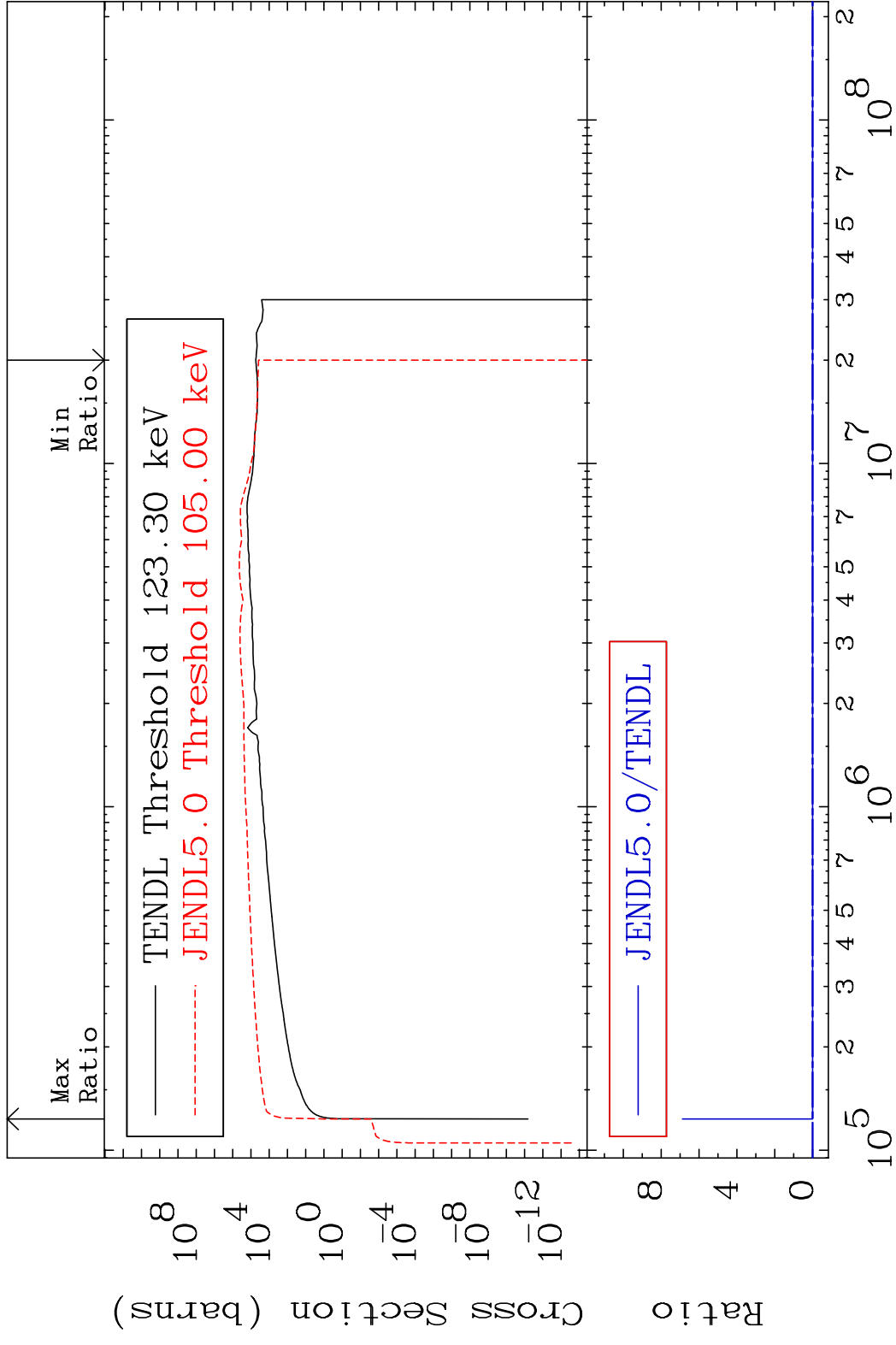
Kerma elastic Cross Section -98.76 To 9999. %  
74-W -186



MAT 7443 Kerma non-elastic (all but mt2) 74-W -186  
 Cross Section -99.96 To 9999. %

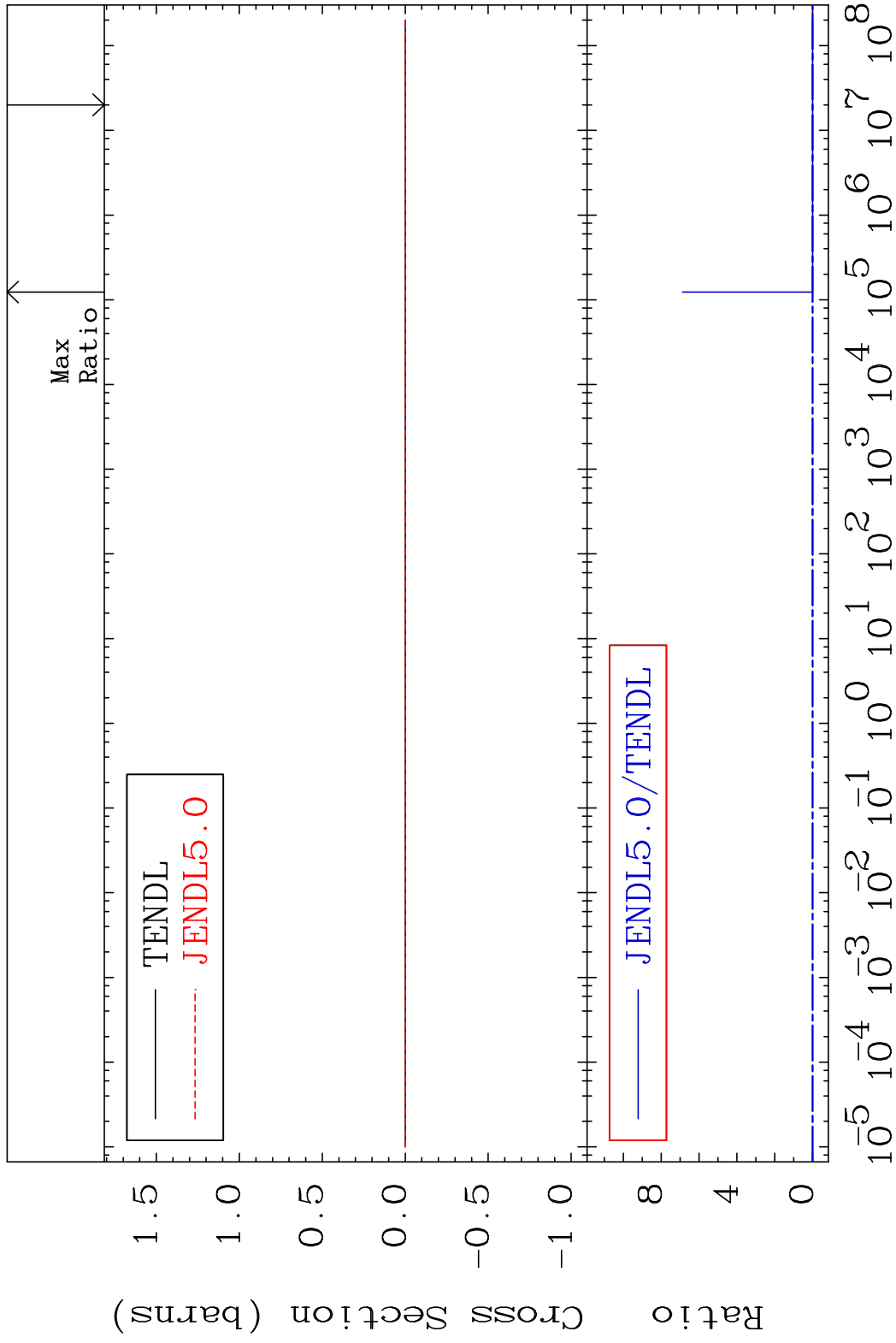


MAT 7443 Kerma inelastic (mt51-91) 74-W -186  
 Cross Section -100.0 To 9999. %



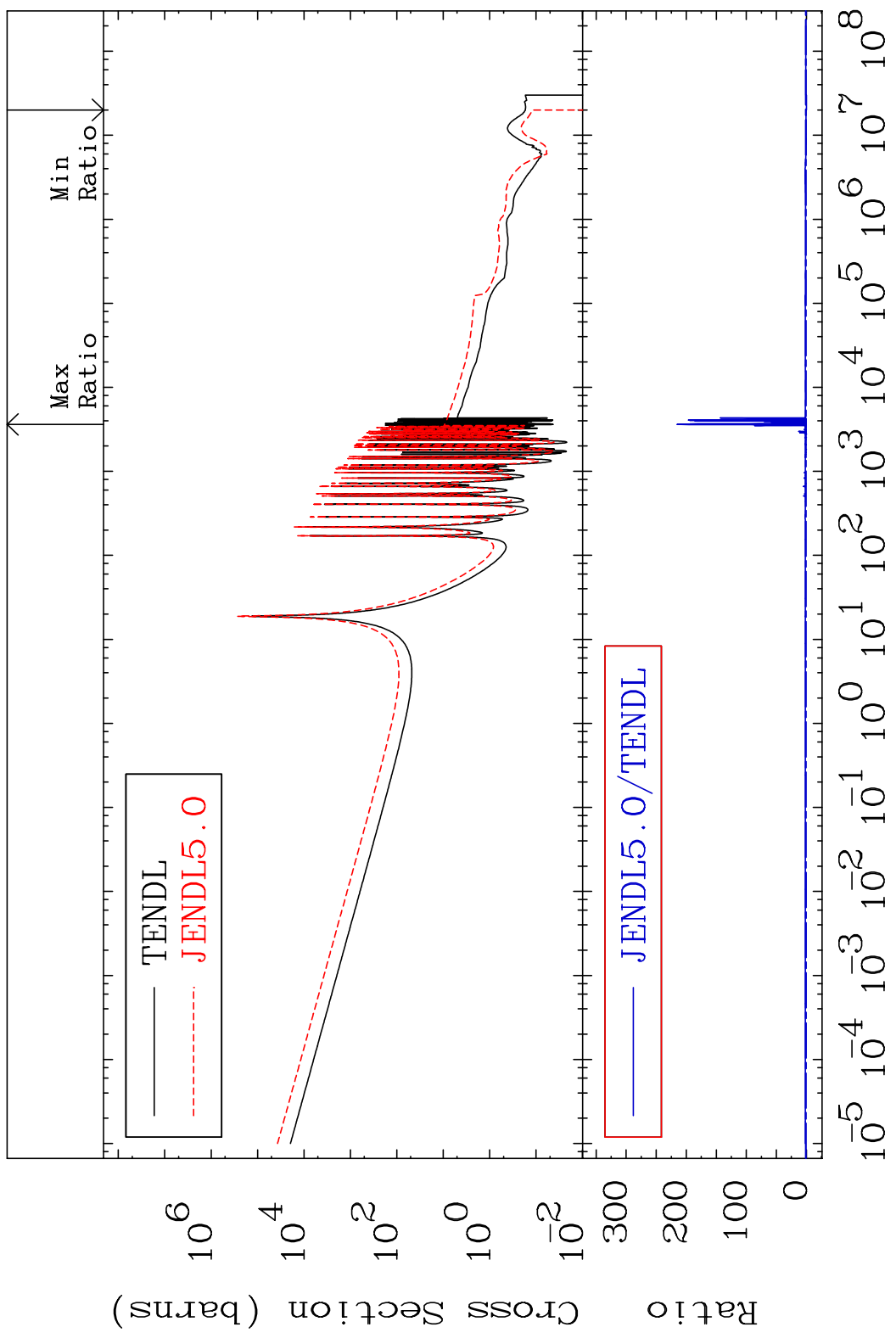
40 Incident Energy (eV) 74-W -186

MAT 7443 Kerma fission (mt18 or mt19-20-21-38) 74-W -186  
 Cross Section -100.0 To 9999. %



MAT 7443

Kerma capture (mt102) 74-W -186  
Cross Section -100.0 To 9999. %

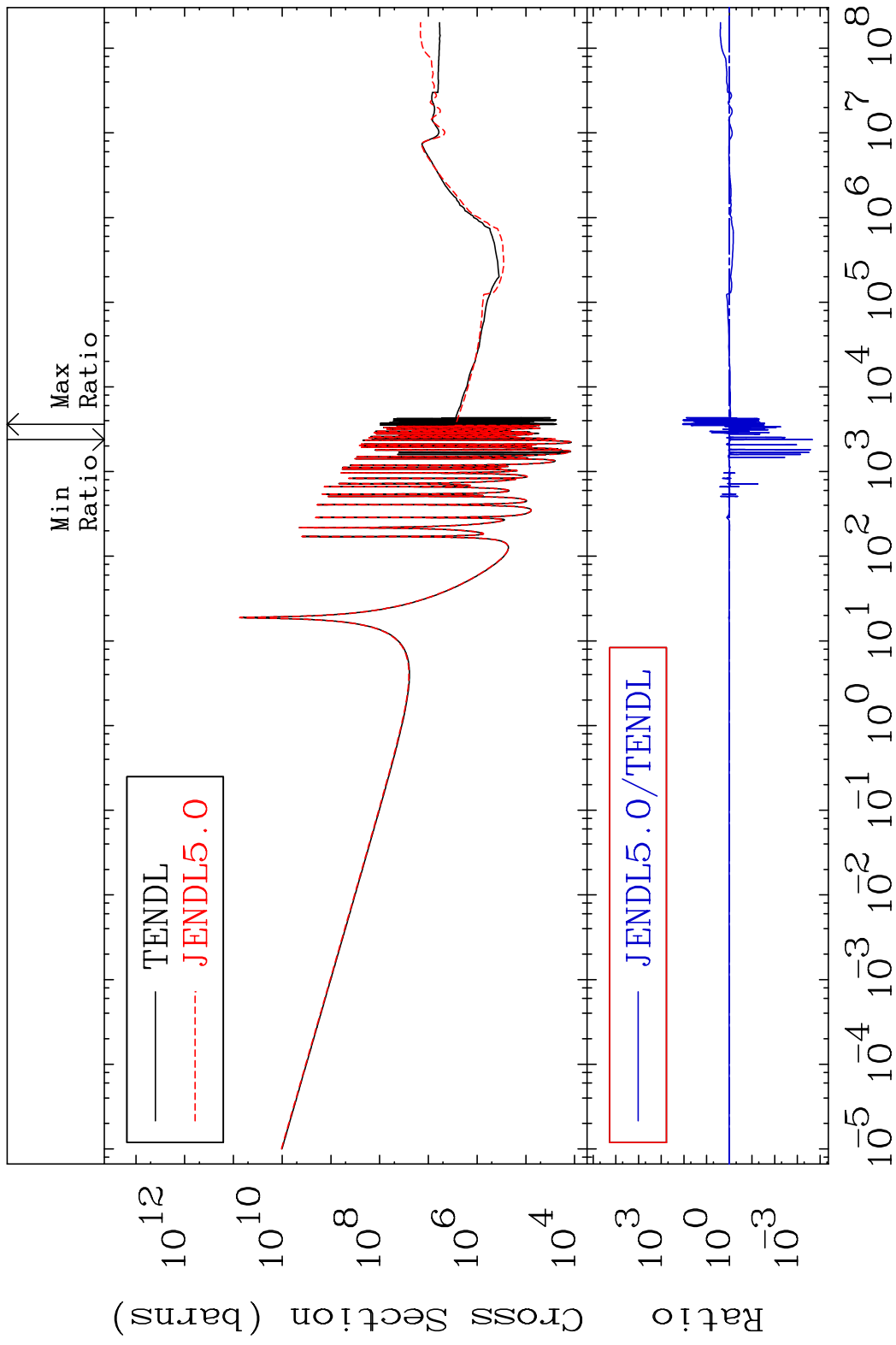


42

Incident Energy (eV)

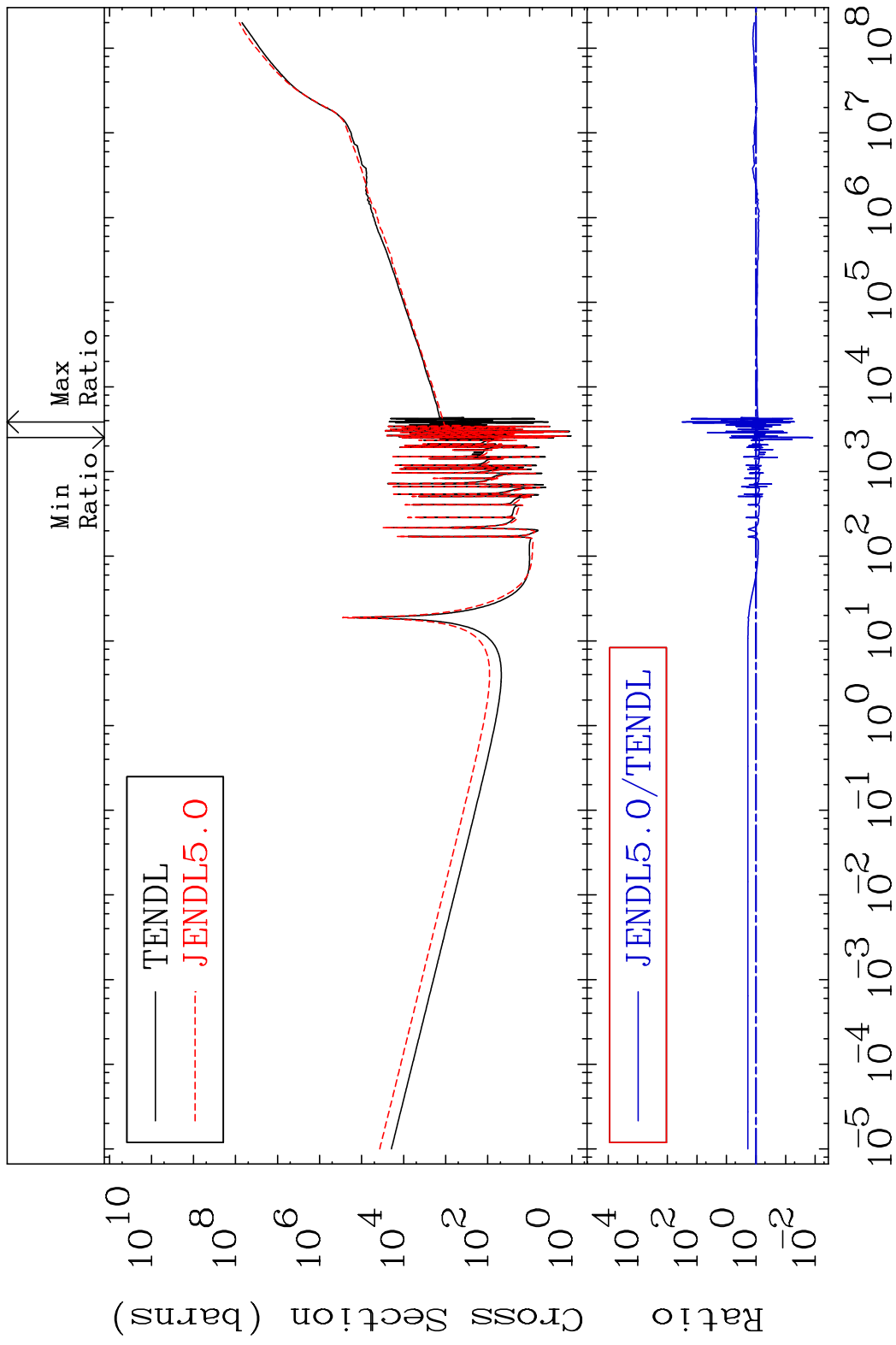
74-W -186

MAT 7443 Total photon (eV-barns) 74-W -186  
Cross Section -99.98 To 9999. %

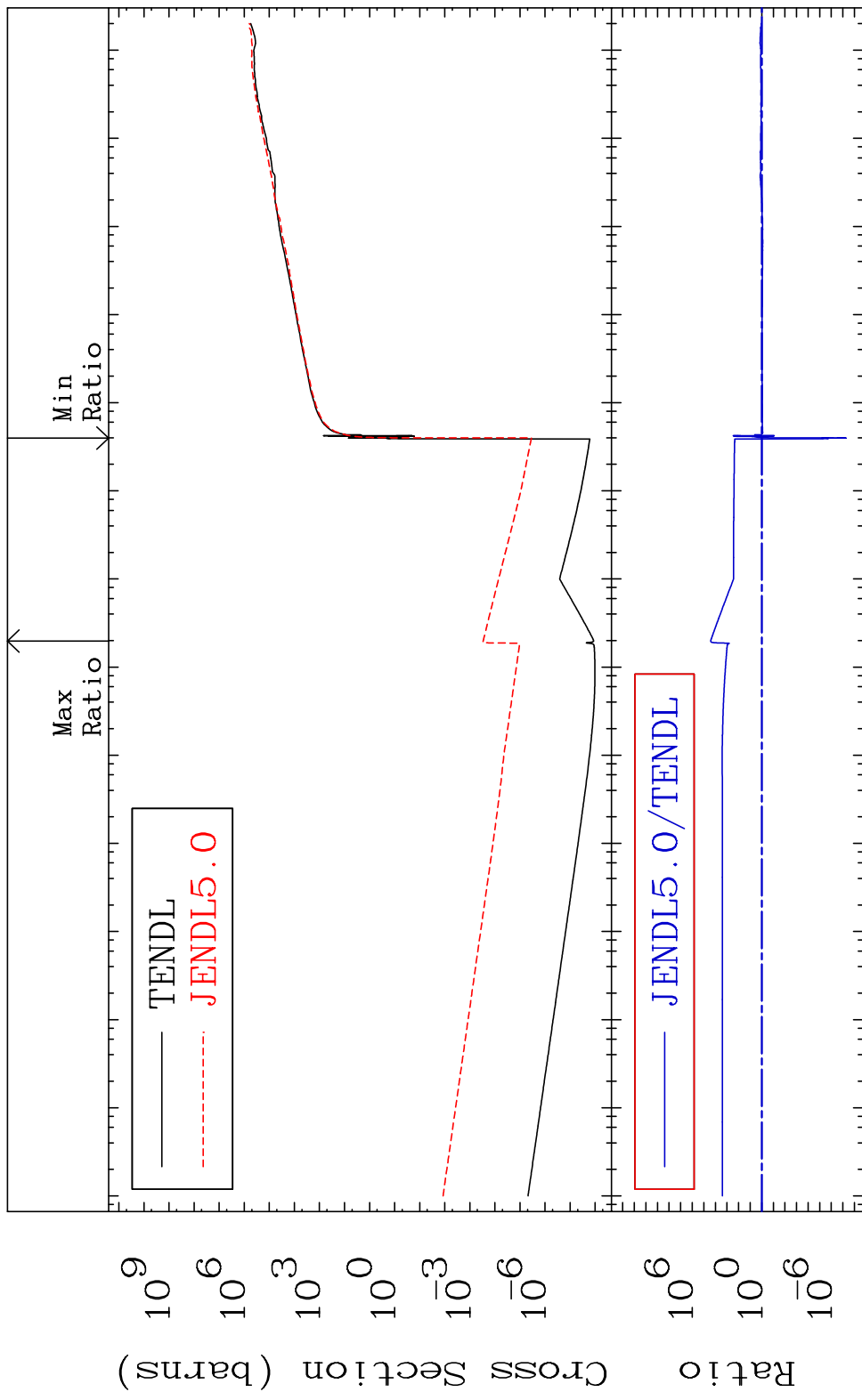


43 Incident Energy (eV) 74-W -186

MAT 7443 Total kinematic kerma (high limit) 74-W -186  
 Cross Section -98.77 To 9999. %



MAT 7443      Dpa total (eV-barns)      74-W -186  
 Cross Section      -100.0 To 9999. %



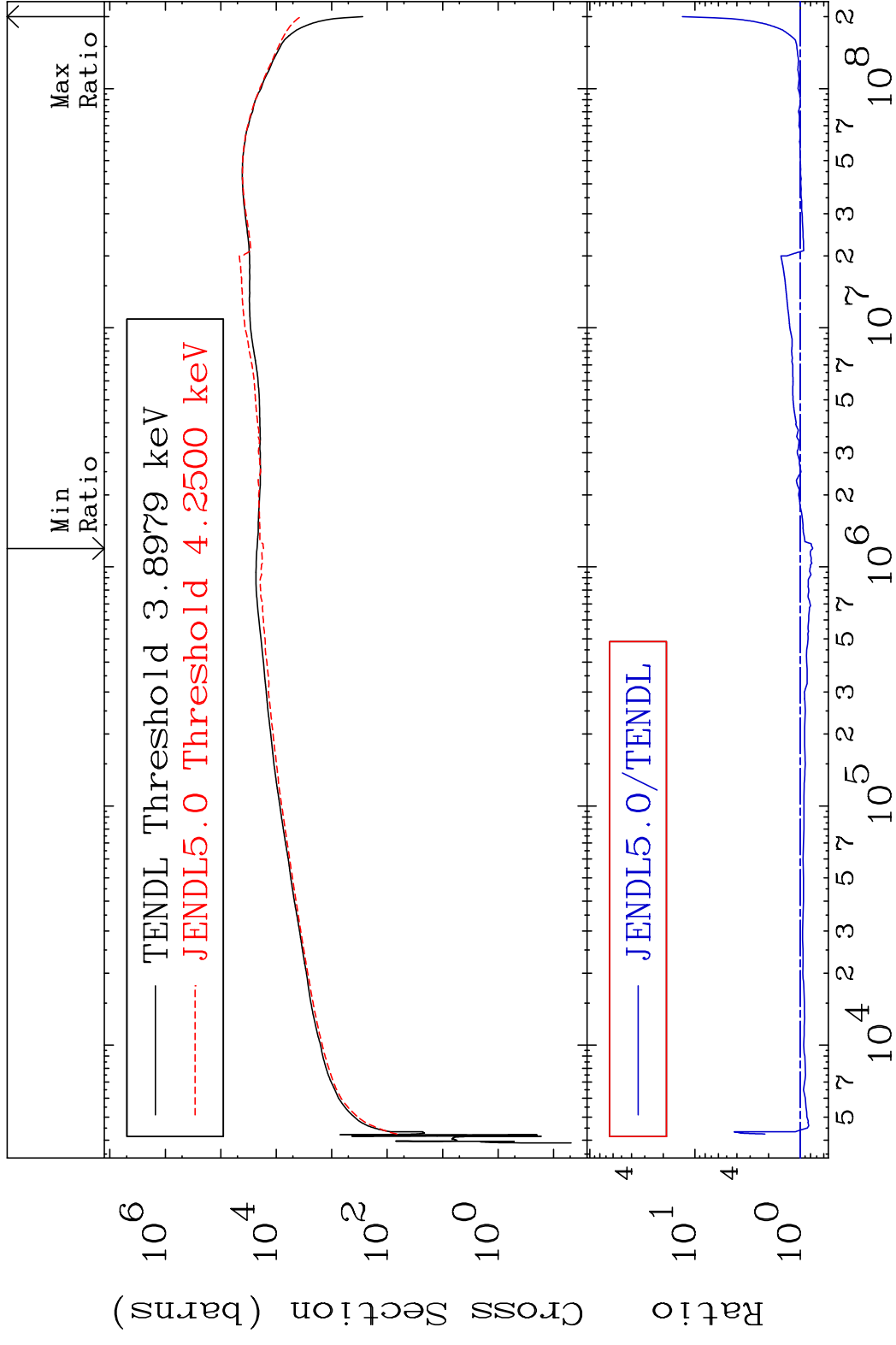
45      Incident Energy (eV)      74-W -186

MAT 7443

Dpa elastic (mt2)

74-W -186

Cross Section -23.46 To 1219. %

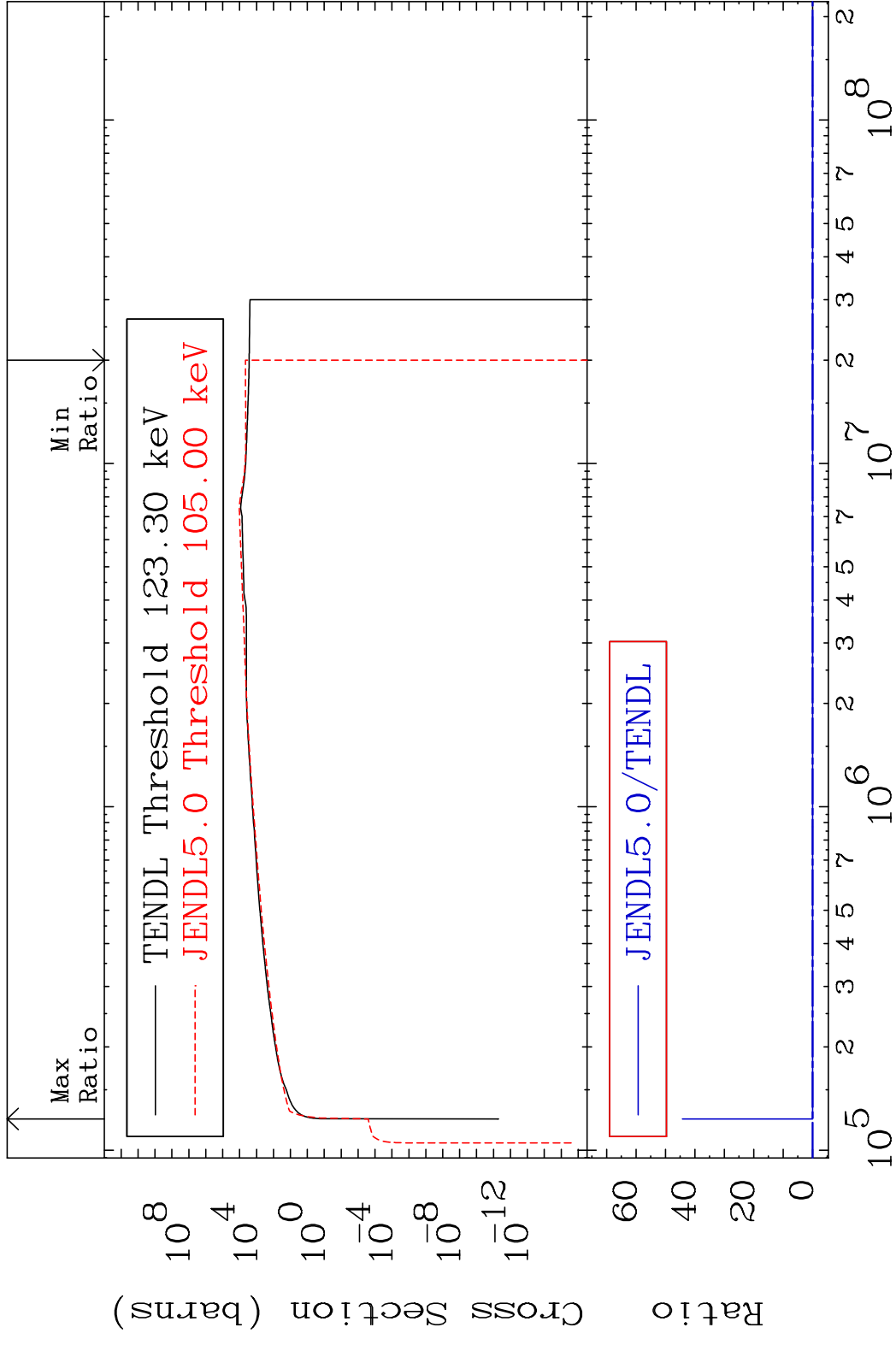


46

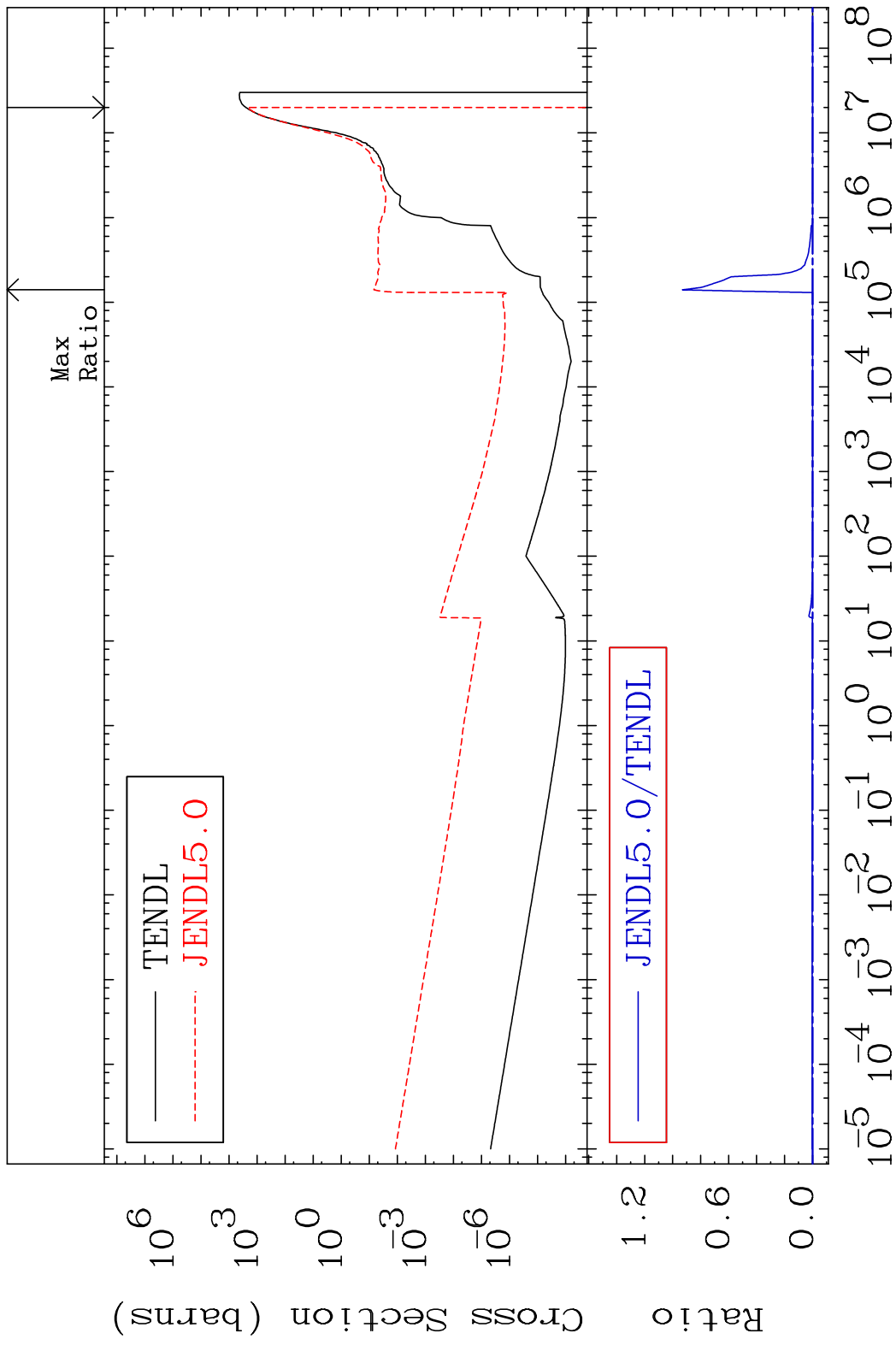
Incident Energy (eV)

74-W -186

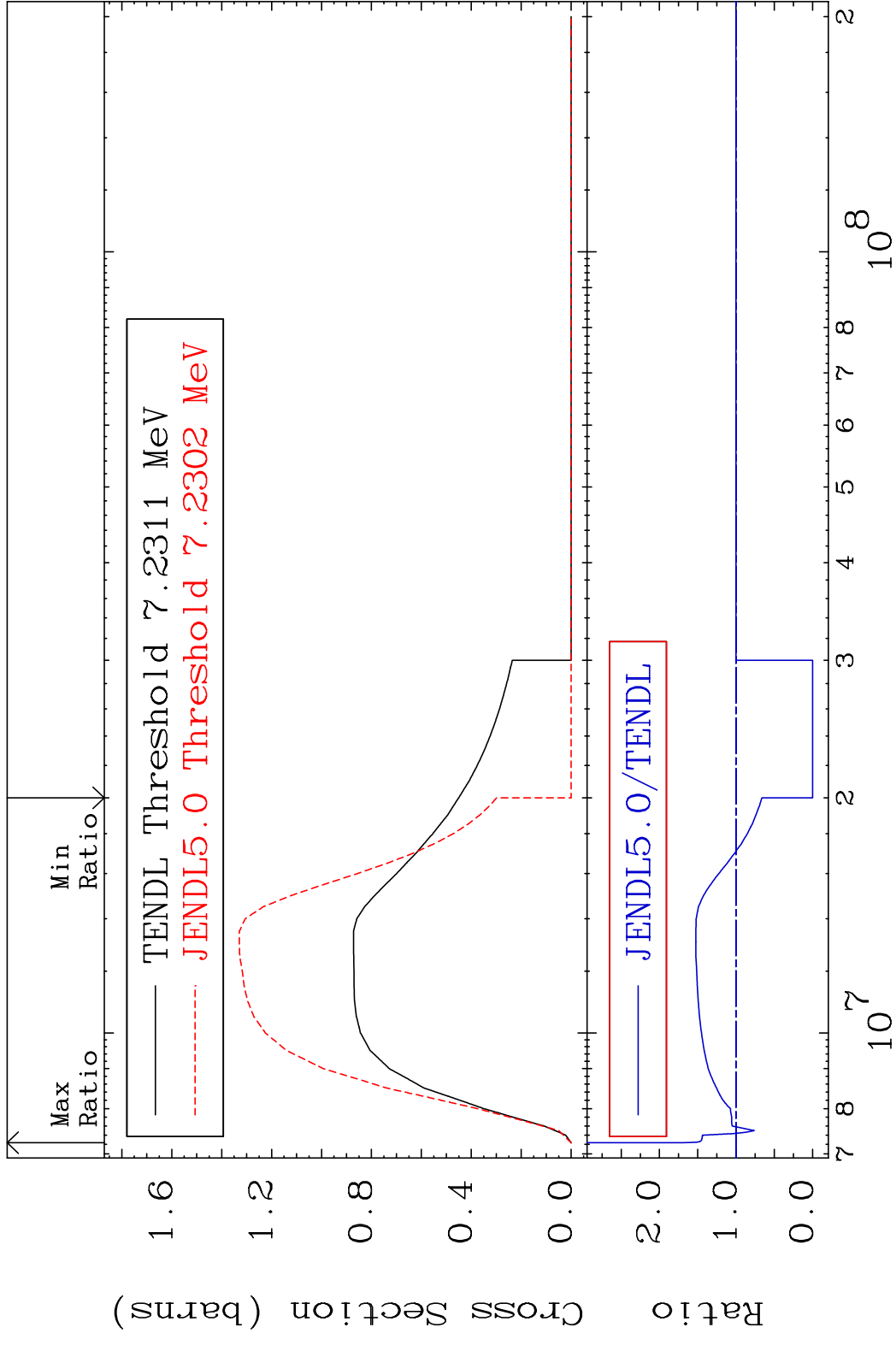
MAT 7443 Dpa inelastic (mt51-91) 74-W -186  
 Cross Section -100.0 To 9999. %



MAT 7443 Dpa disappearance (mt102 -120) 74-W -186  
 Cross Section -100.0 To 9999. %



MAT 7443 (n,2n):74-W -185g 74-W -186  
 Radionuclide Production Cross Section Ratio 70.09 %



MAT 7443 (n,2n):74-W -185m6 74-W -186  
 Radionuclide Production Cross Section Ratio 557.1 %

