

Program Complot  
(Version 2021-1)

by

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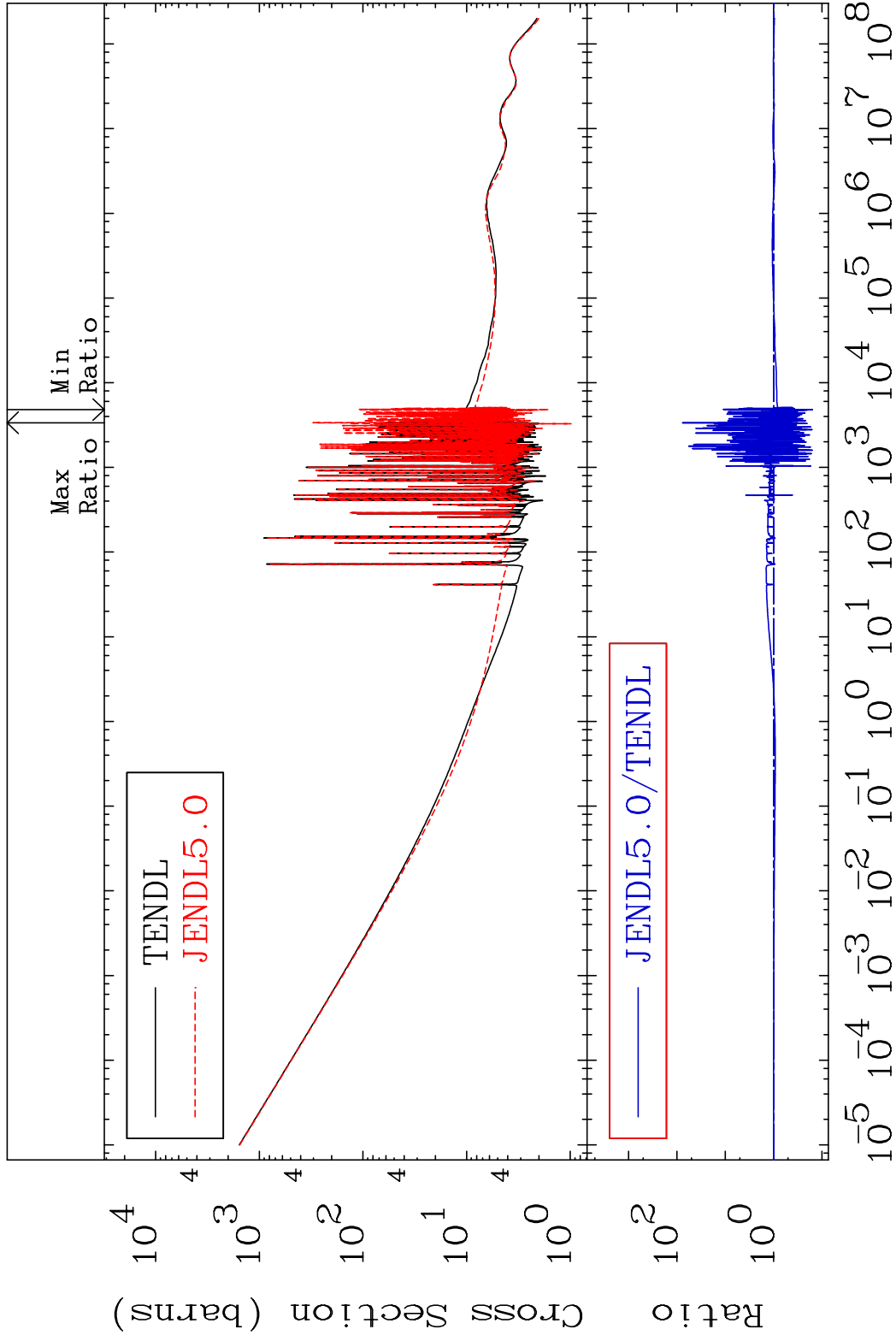
Press Mouse Button to Start

MAT 5331

Total

53-I -129

Cross Section -84.43 To 7608. %



1

Incident Energy (eV)

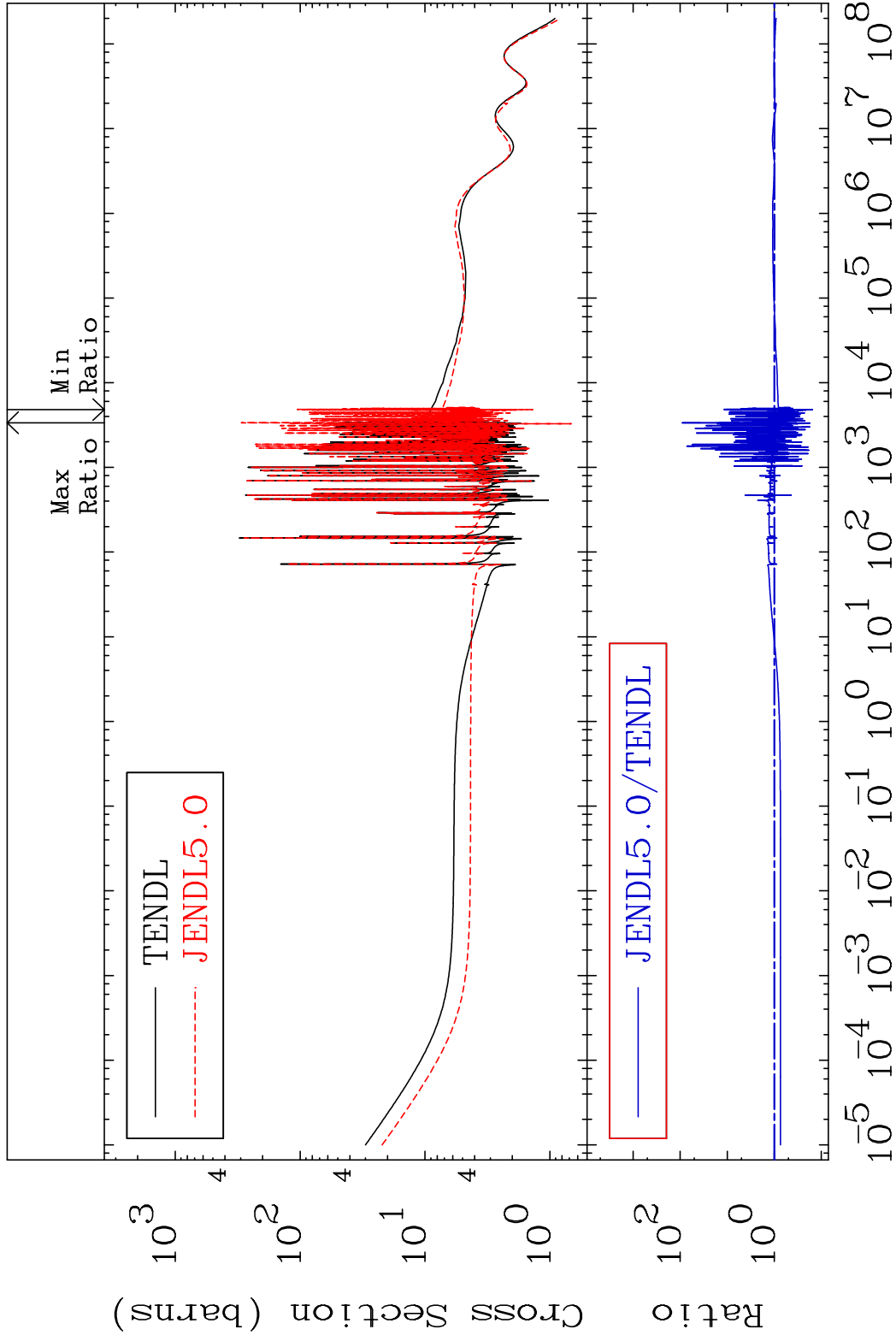
53-I -129

MAT 5331

Elastic

53-I -129

Cross Section -84.69 To 8899. %

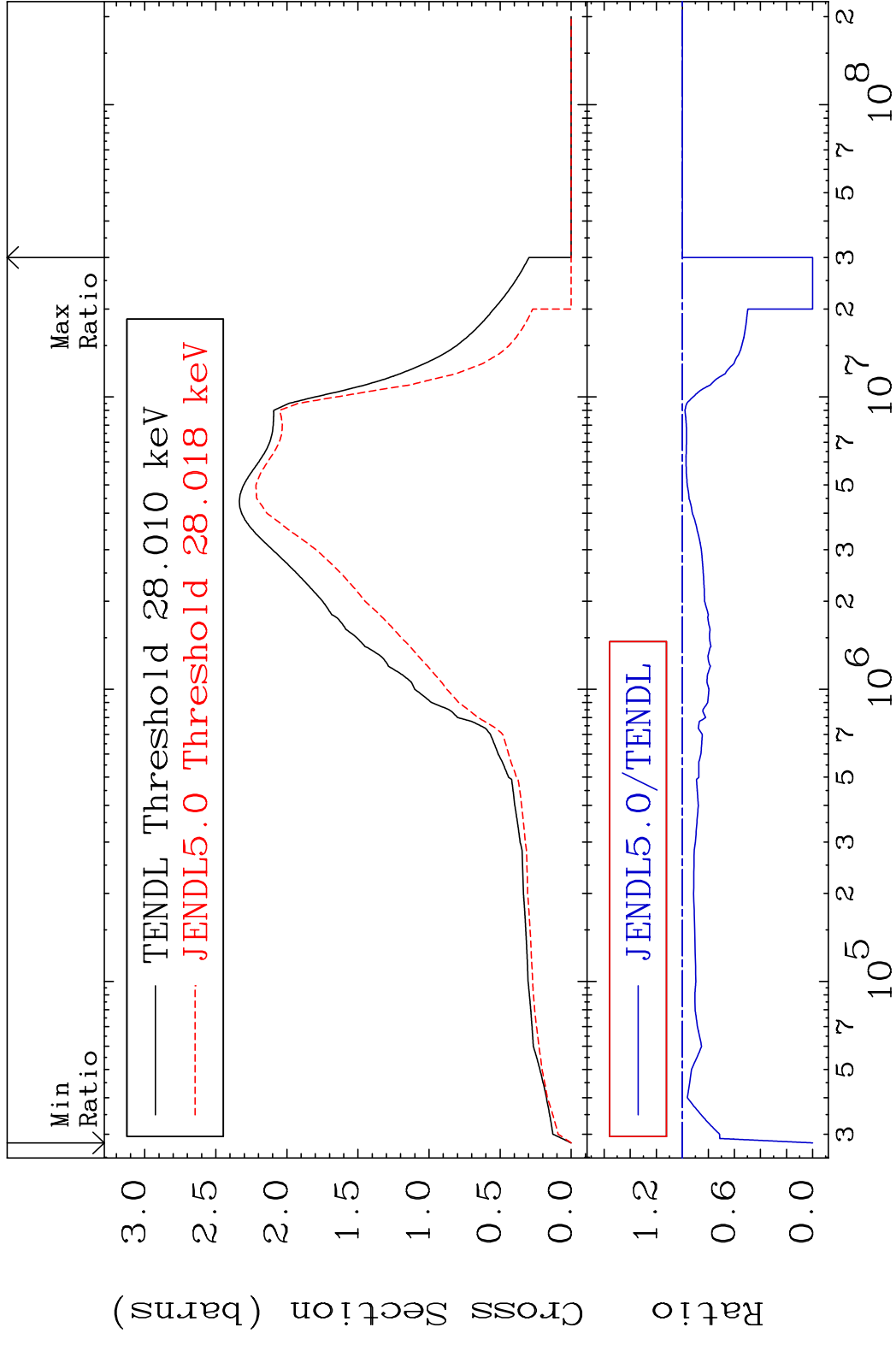


2

Incident Energy (eV)

53-I -129

MAT 5331 Inelastic Cross Section 53-I -129  
 -100.0 To 0.000 %

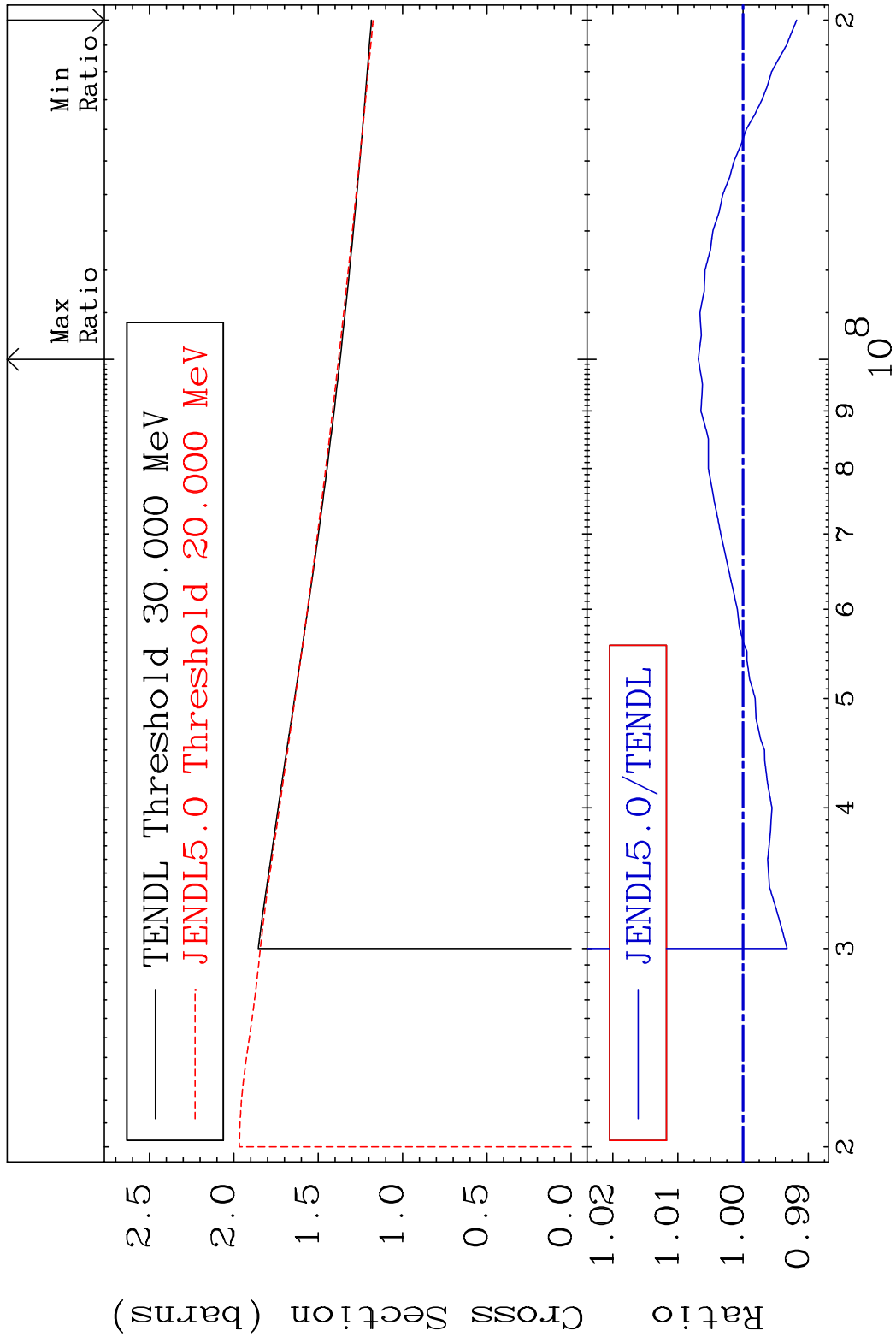


MAT 5331

(n, remainder)

53-I -129

Cross Section -0.822 To 0.687 %



4

Incident Energy (eV)

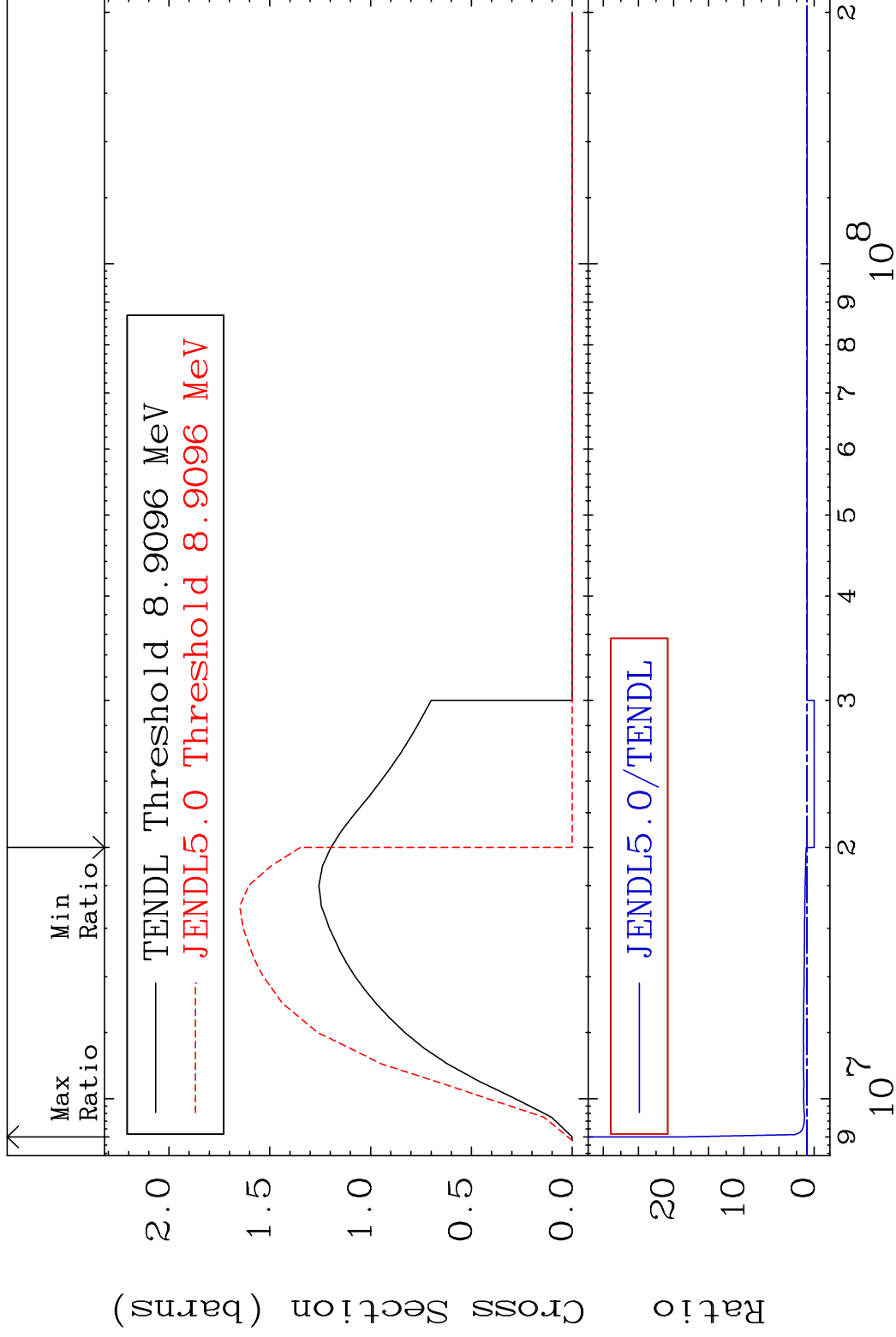
53-I -129

MAT 5331

(n,2n)

53-I -129

Cross Section -100.0 To 1756. %



5

Incident Energy (eV)

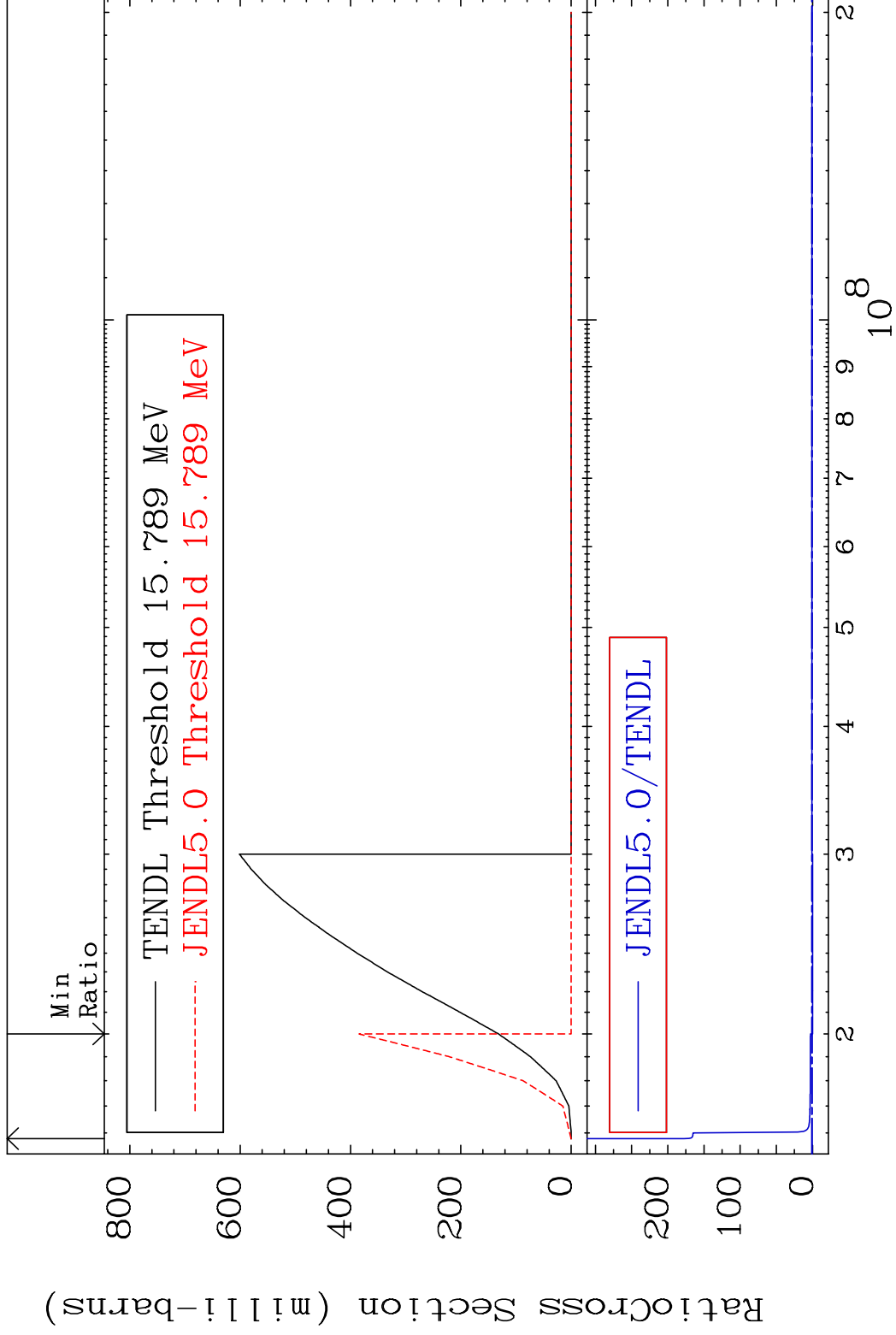
53-I -129

MAT 5331

(n,3n)

53-I -129

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

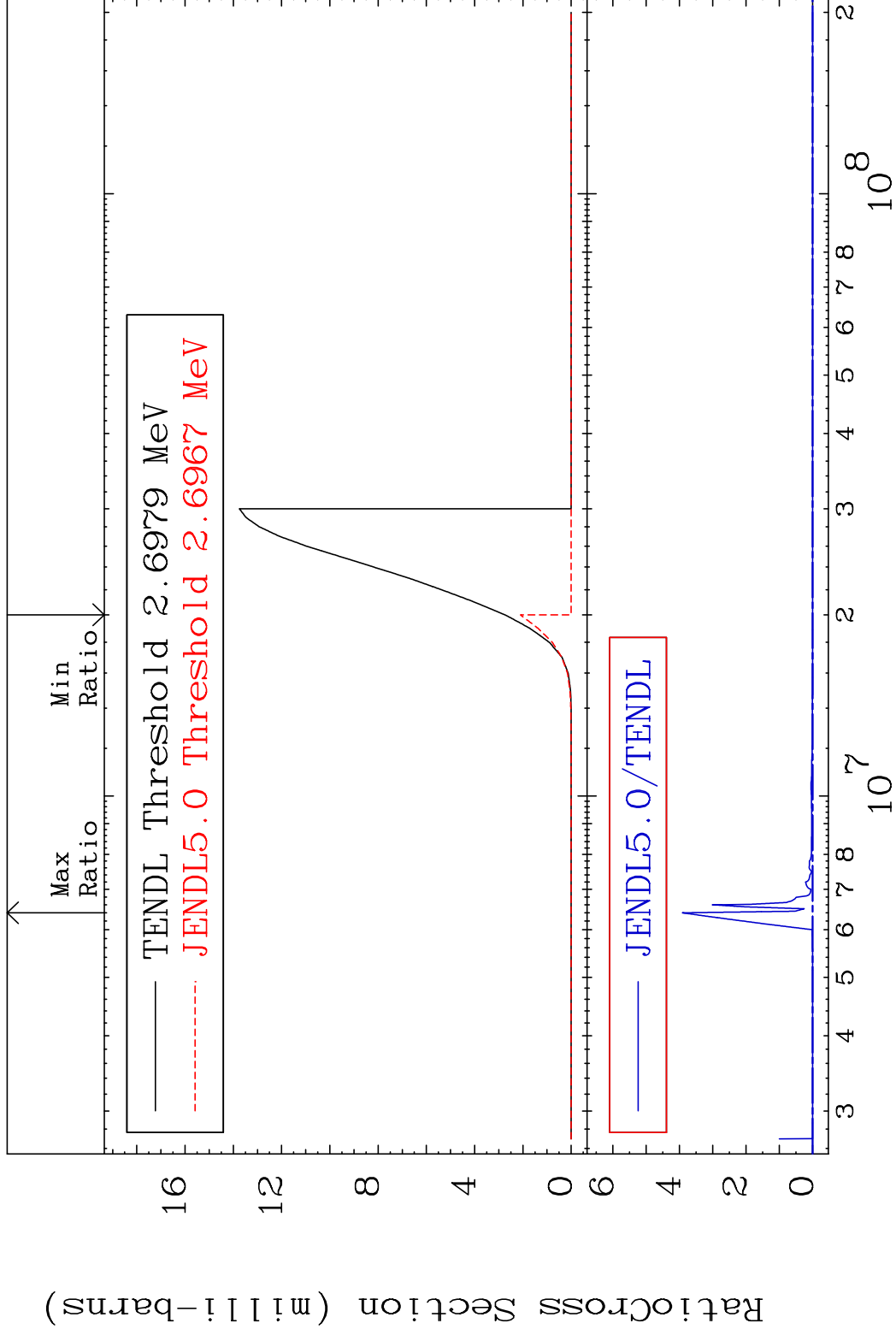
53-I -129

MAT 5331

(n, n')  $\alpha$

53-I -129

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

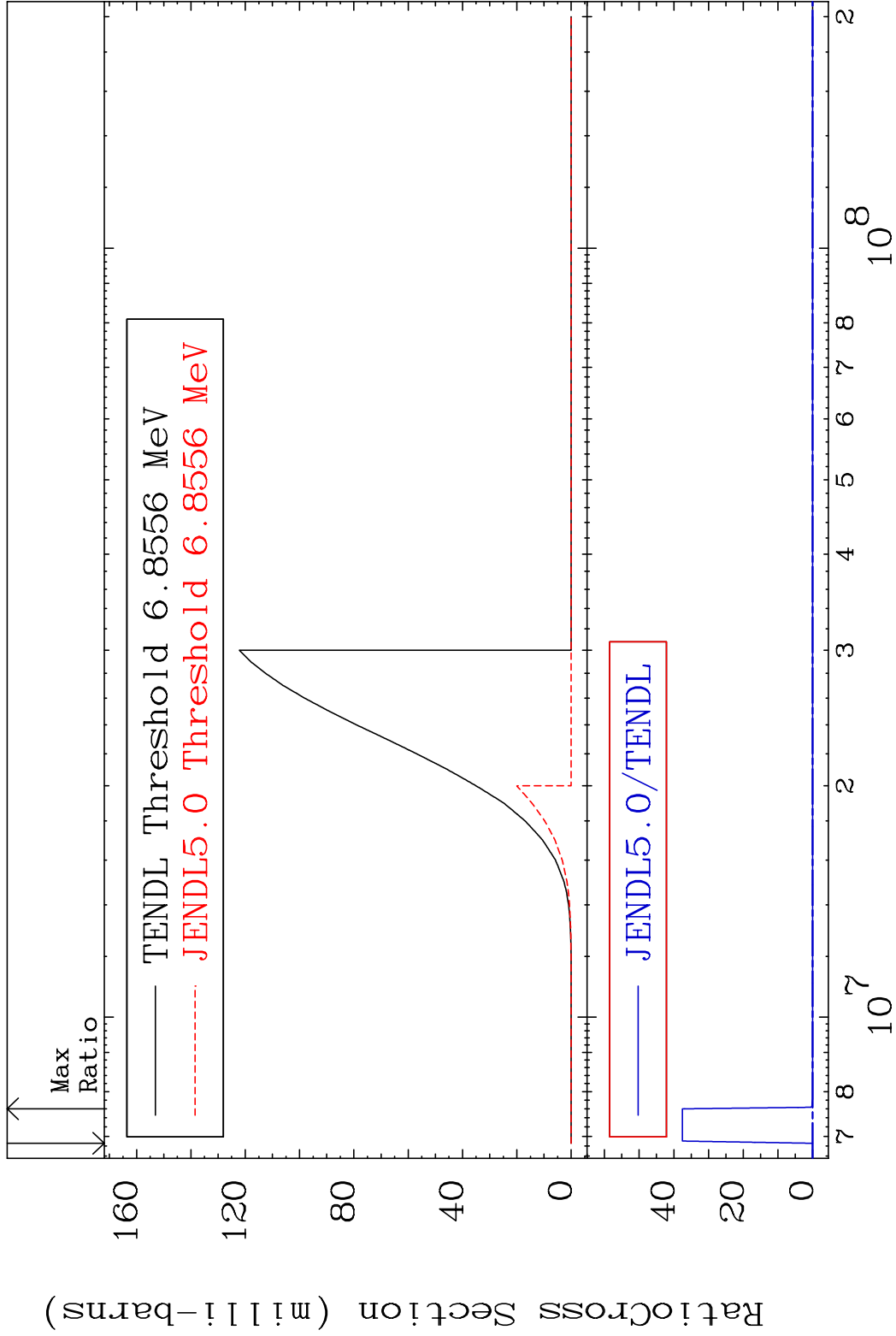
53-I -129

MAT 5331

(n, n') p

53-I -129

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

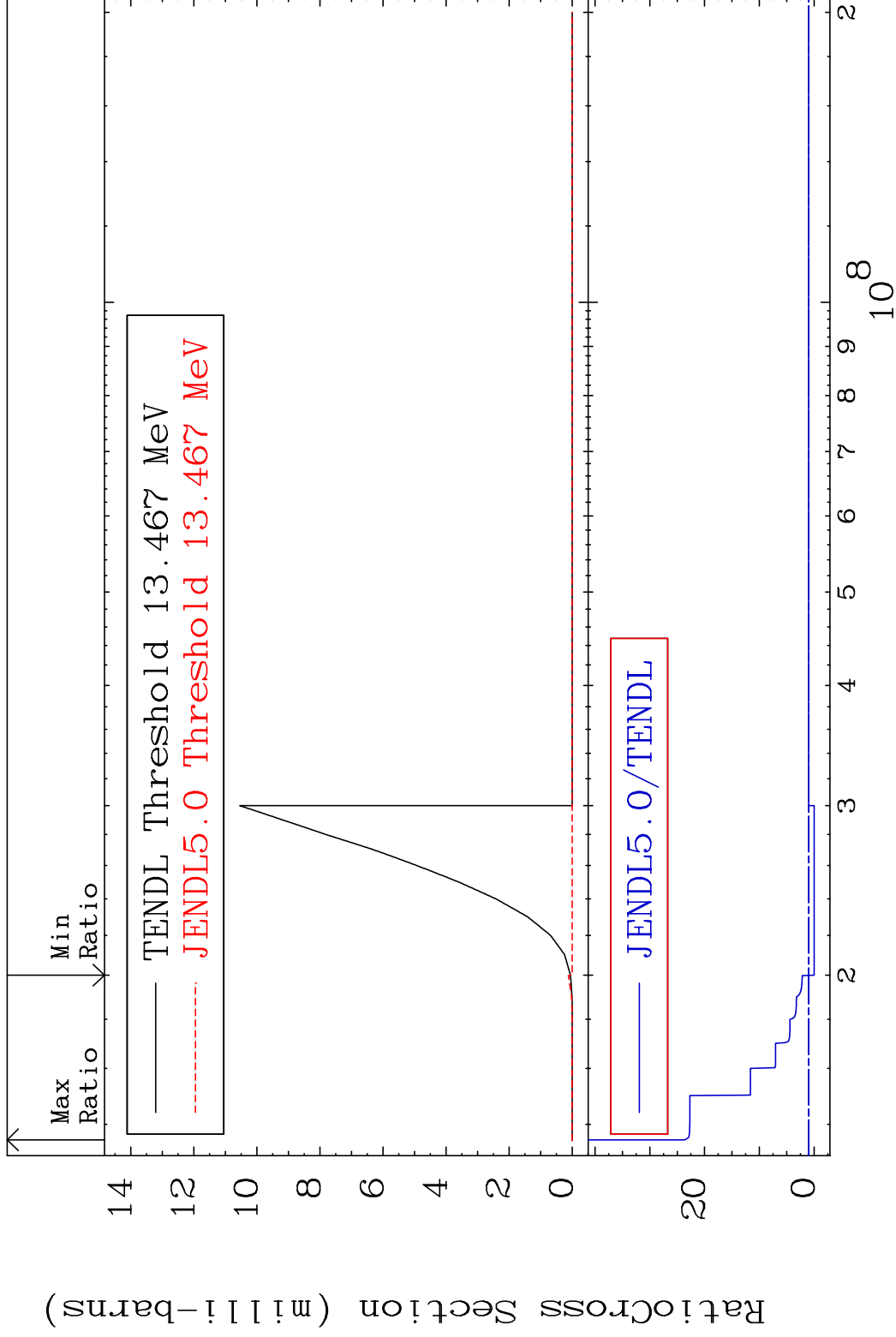
53-I -129

MAT 5331

(n, n') d

53-I -129

Cross Section -100.0 To 2282. %



9

Incident Energy (eV)

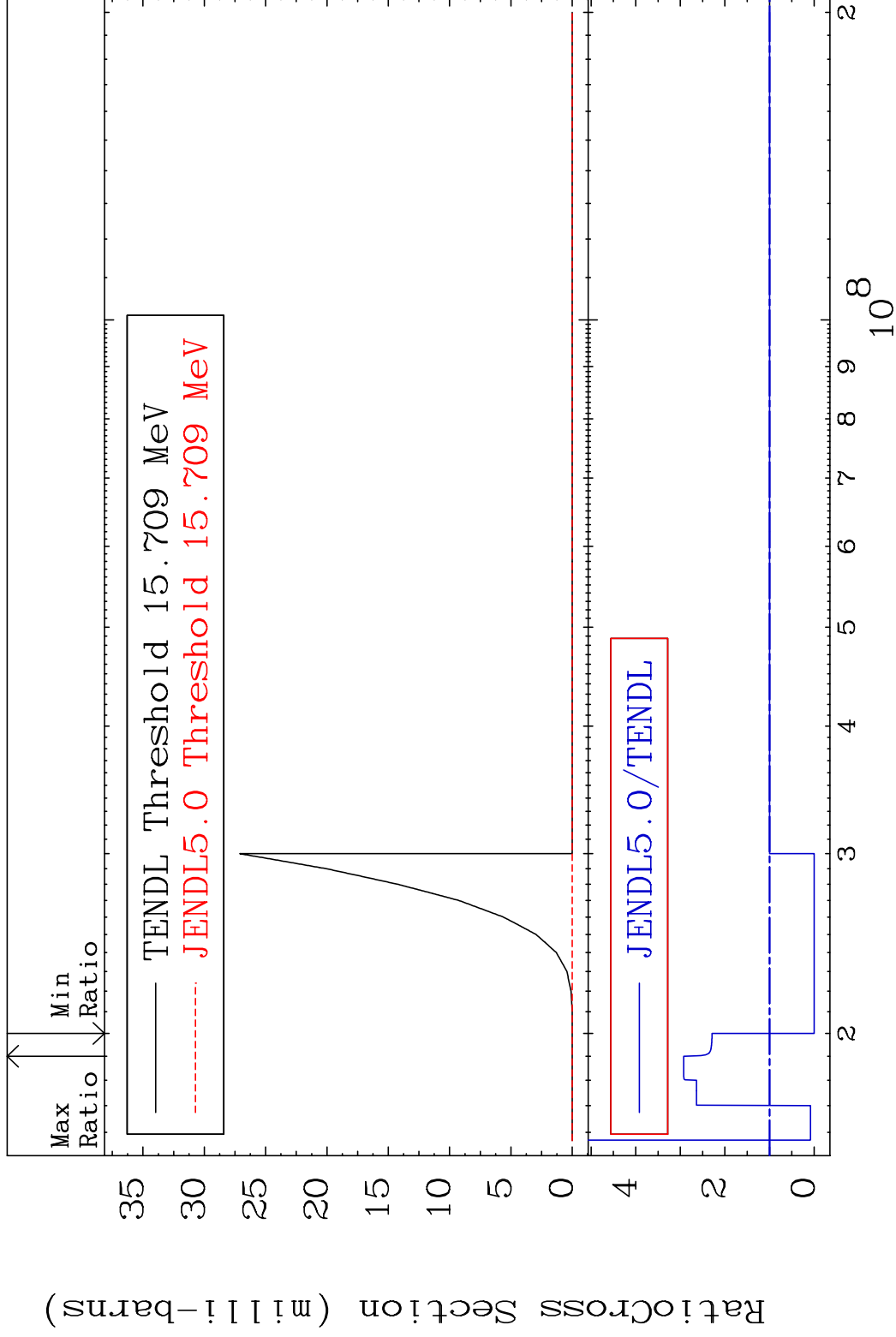
53-I -129

MAT 5331

(n,2n) p

53-I -129

Cross Section -100.0 To 192.5 %

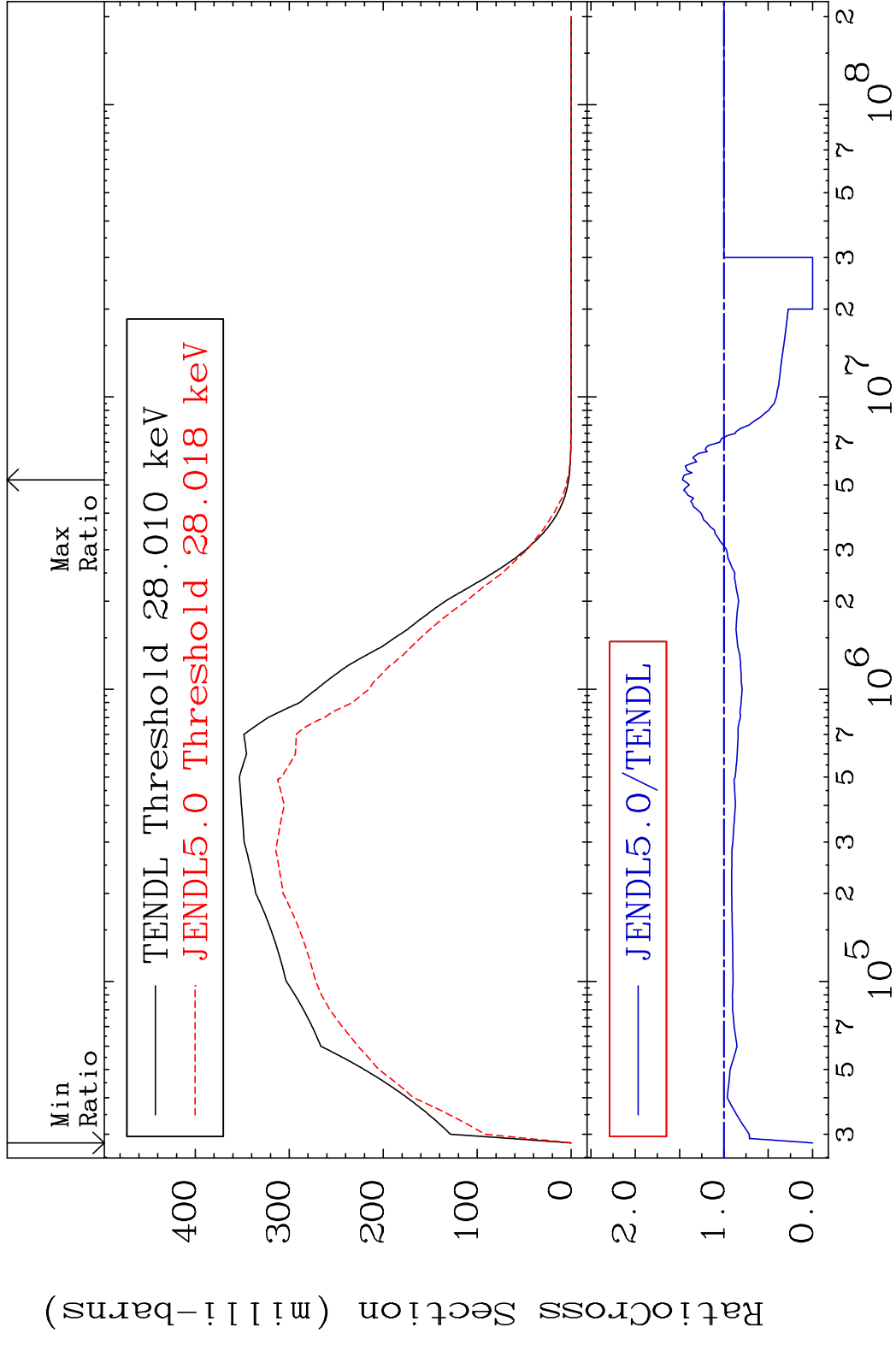


10

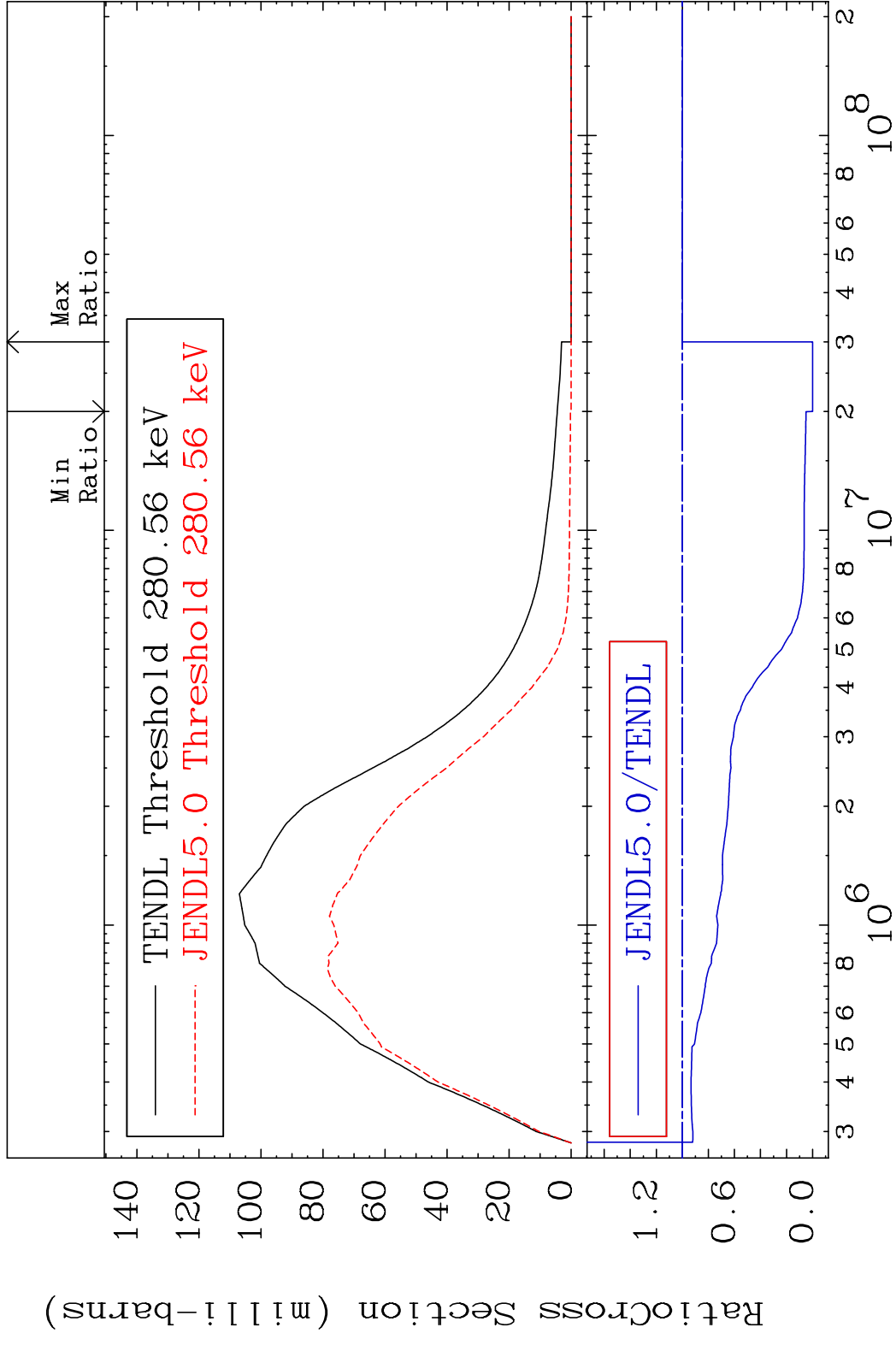
Incident Energy (eV)

53-I -129

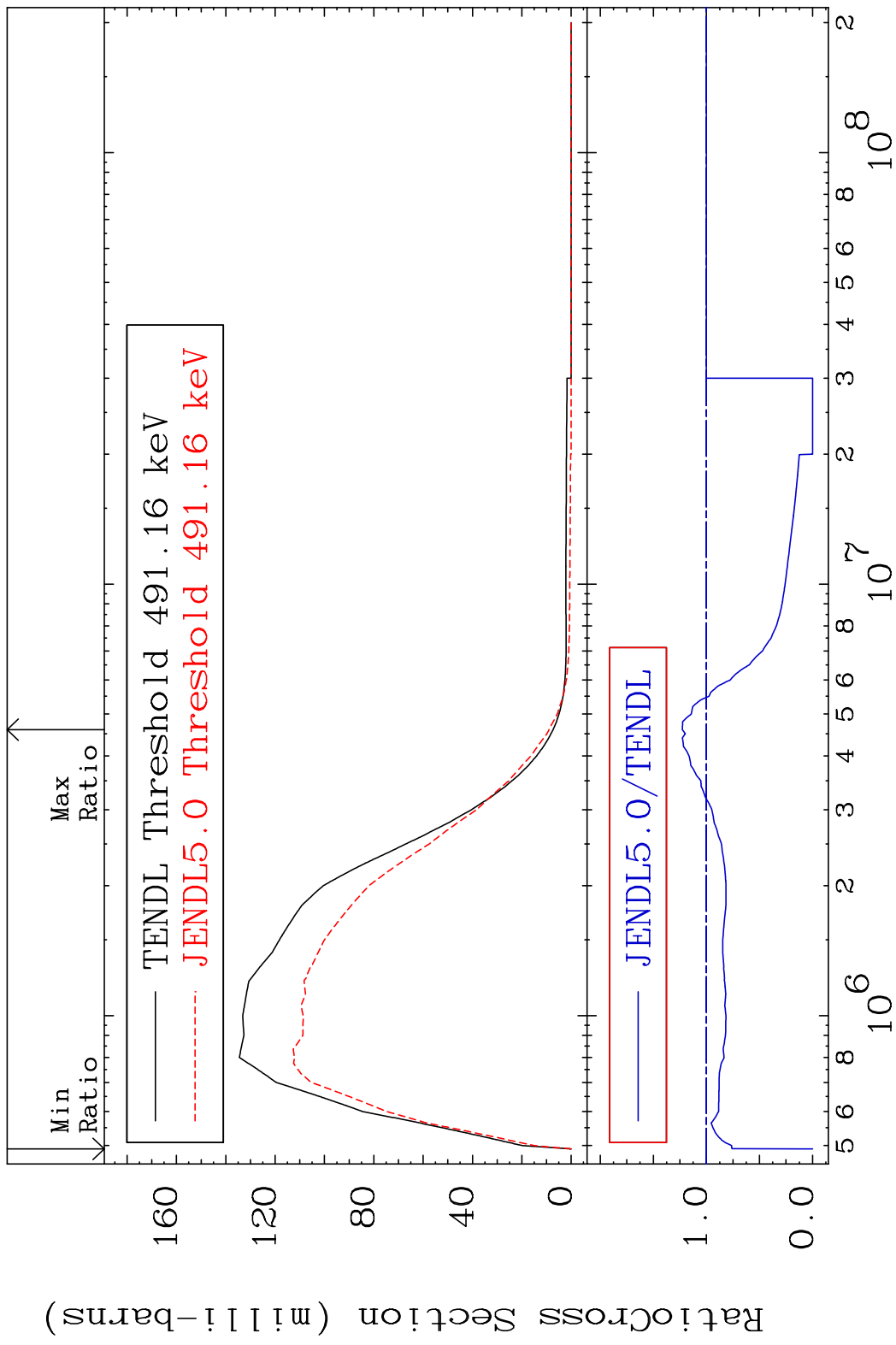
MAT 5331 MT= 51 (n, n') Level 53-I -129  
 Cross Section -100.0 To 46.87 %



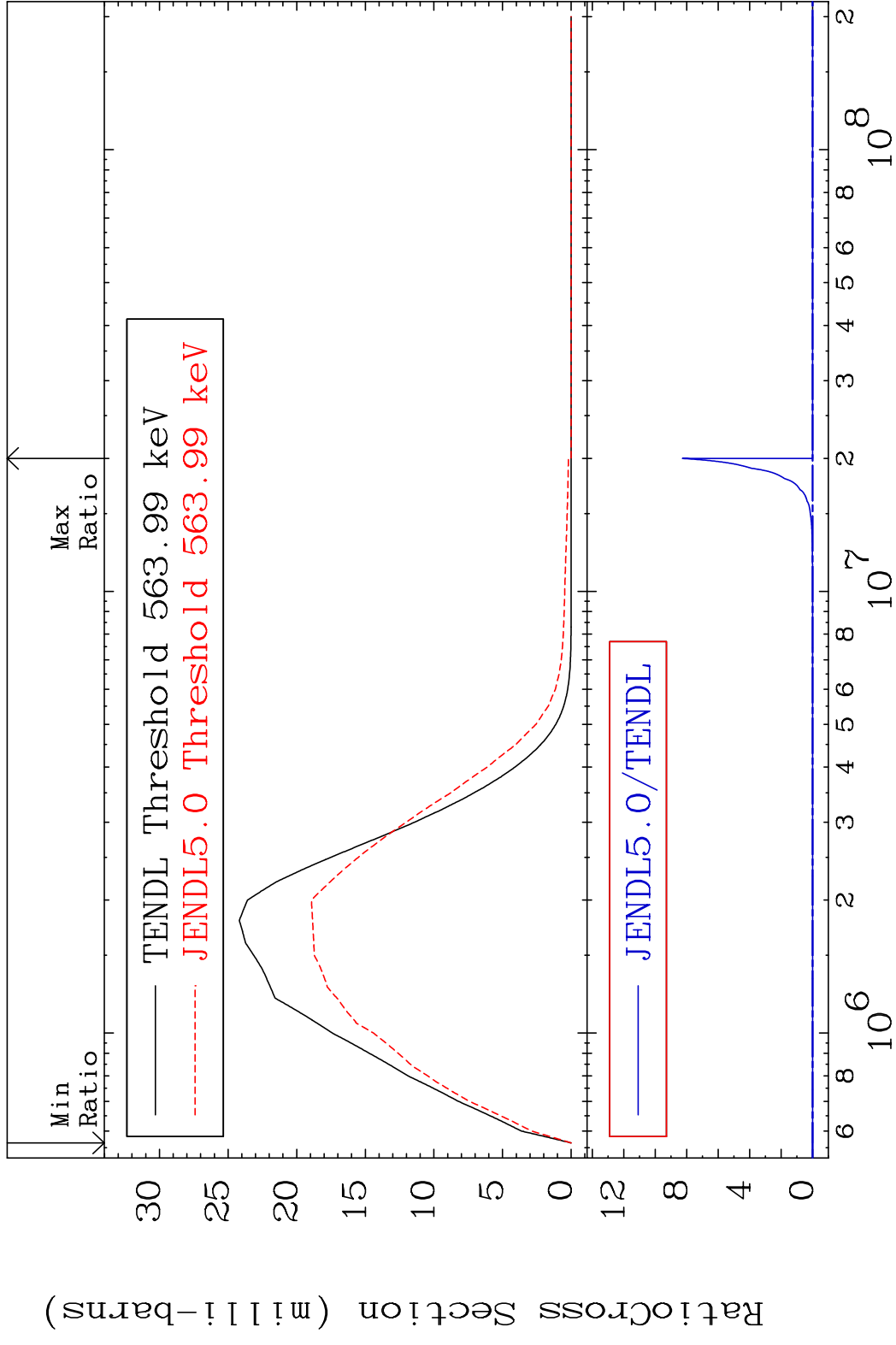
MAT 5331 MT= 52 (n,n') Level 53-I -129  
 Cross Section -100.0 To 0.000 %



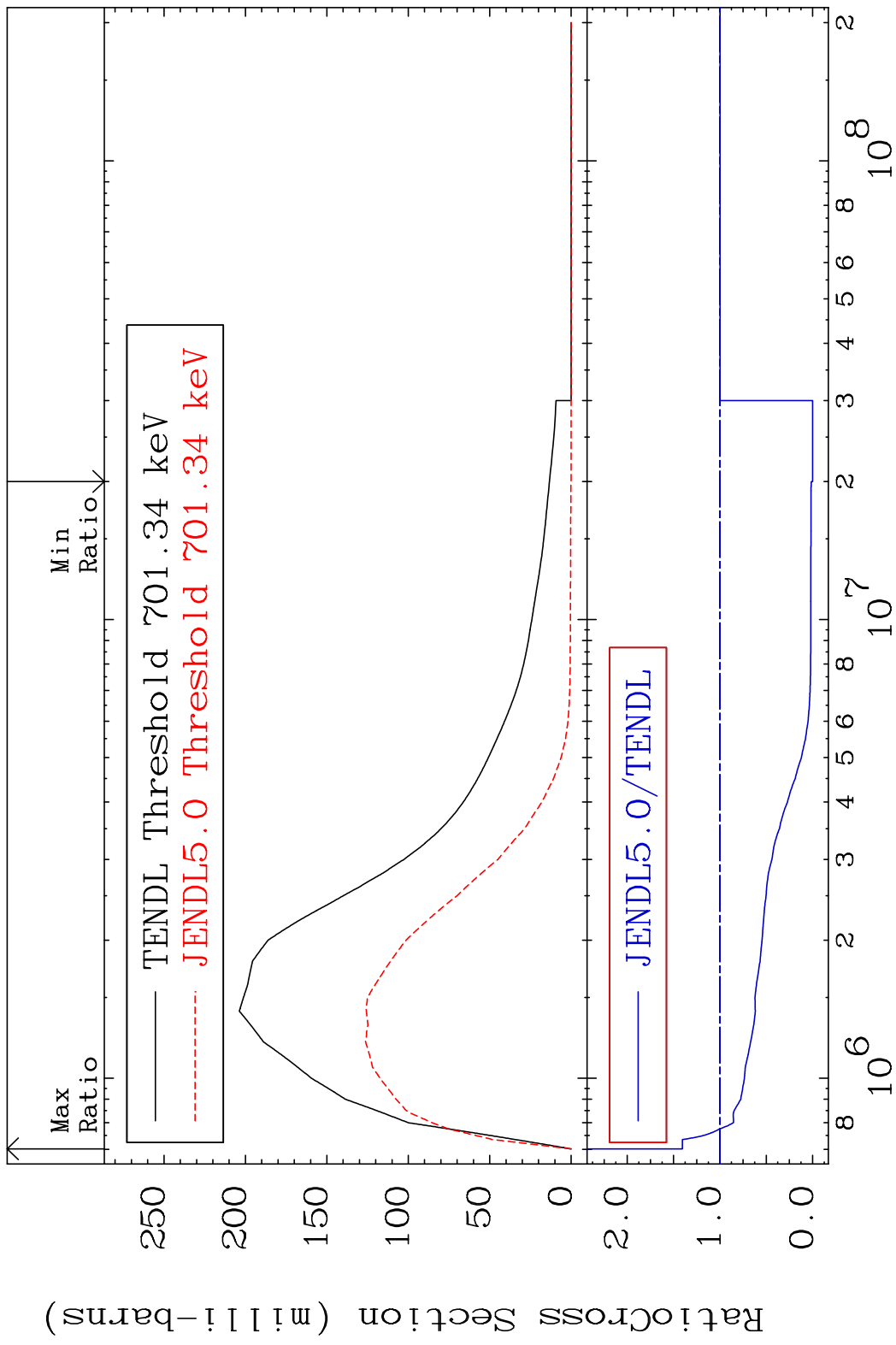
MAT 5331 MT= 53 (n, n') Level 53-I -129  
 Cross Section -100.0 To 22.66 %



MAT 5331 MT= 54 (n, n') Level 53-I -129  
 Cross Section -100.0 To 9999. %

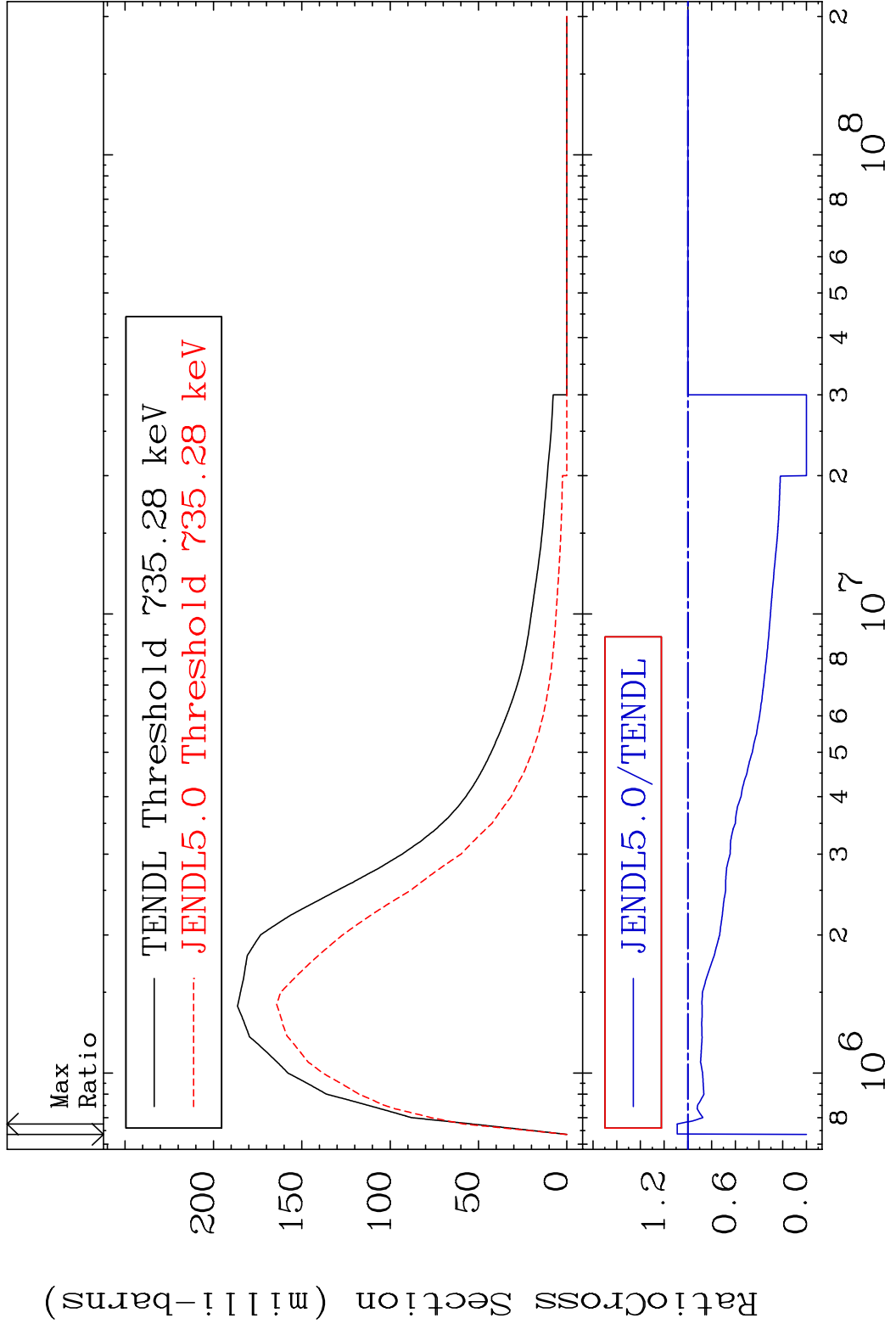


MAT 5331 MT= 55 (n, n') Level 53-I -129  
 Cross Section -100.0 To 40.54 %



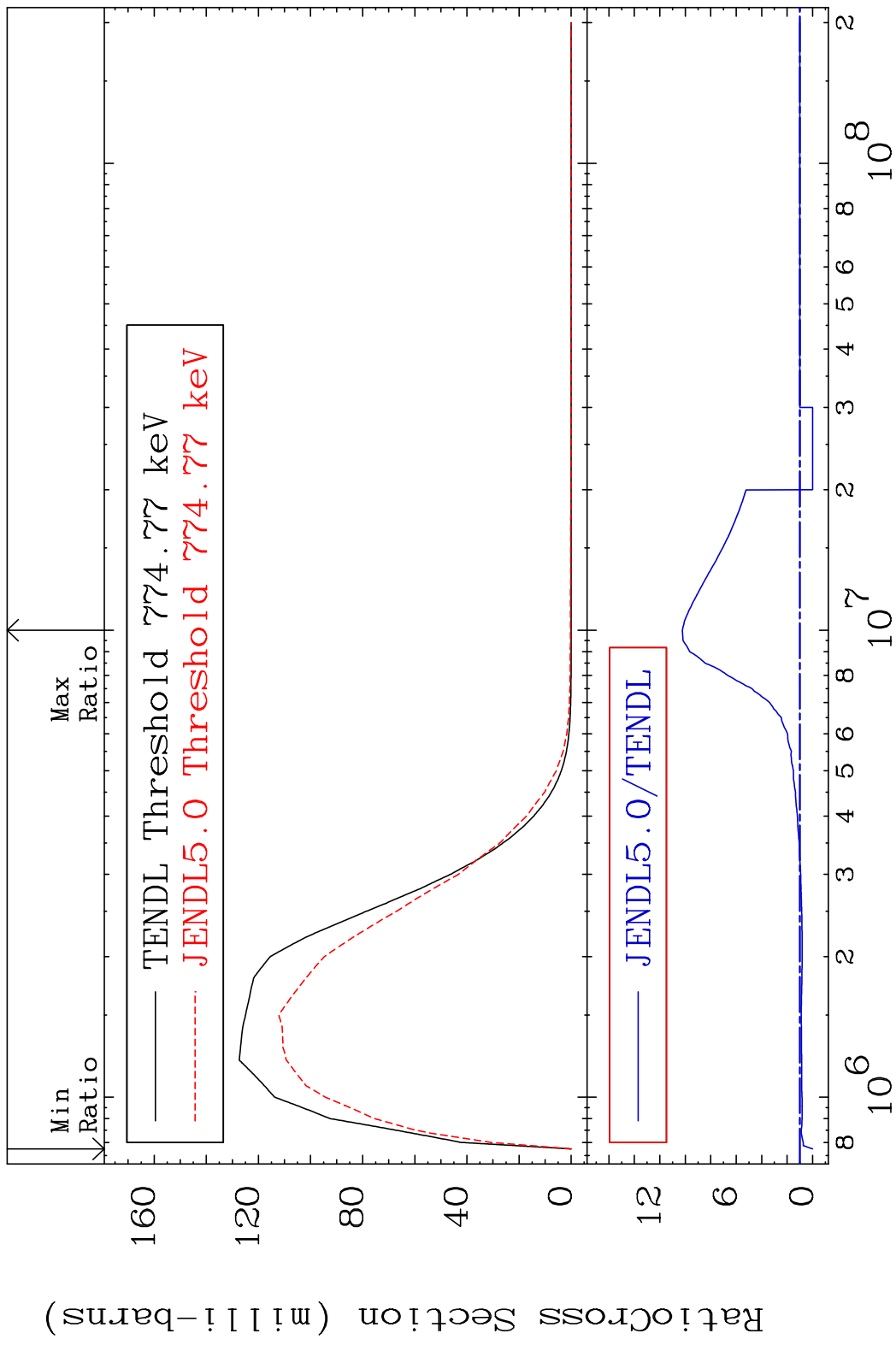
15 53-I -129

MAT 5331 MT= 56 (n,n') Level 53-I -129  
 Cross Section -100.0 To 9.003 %



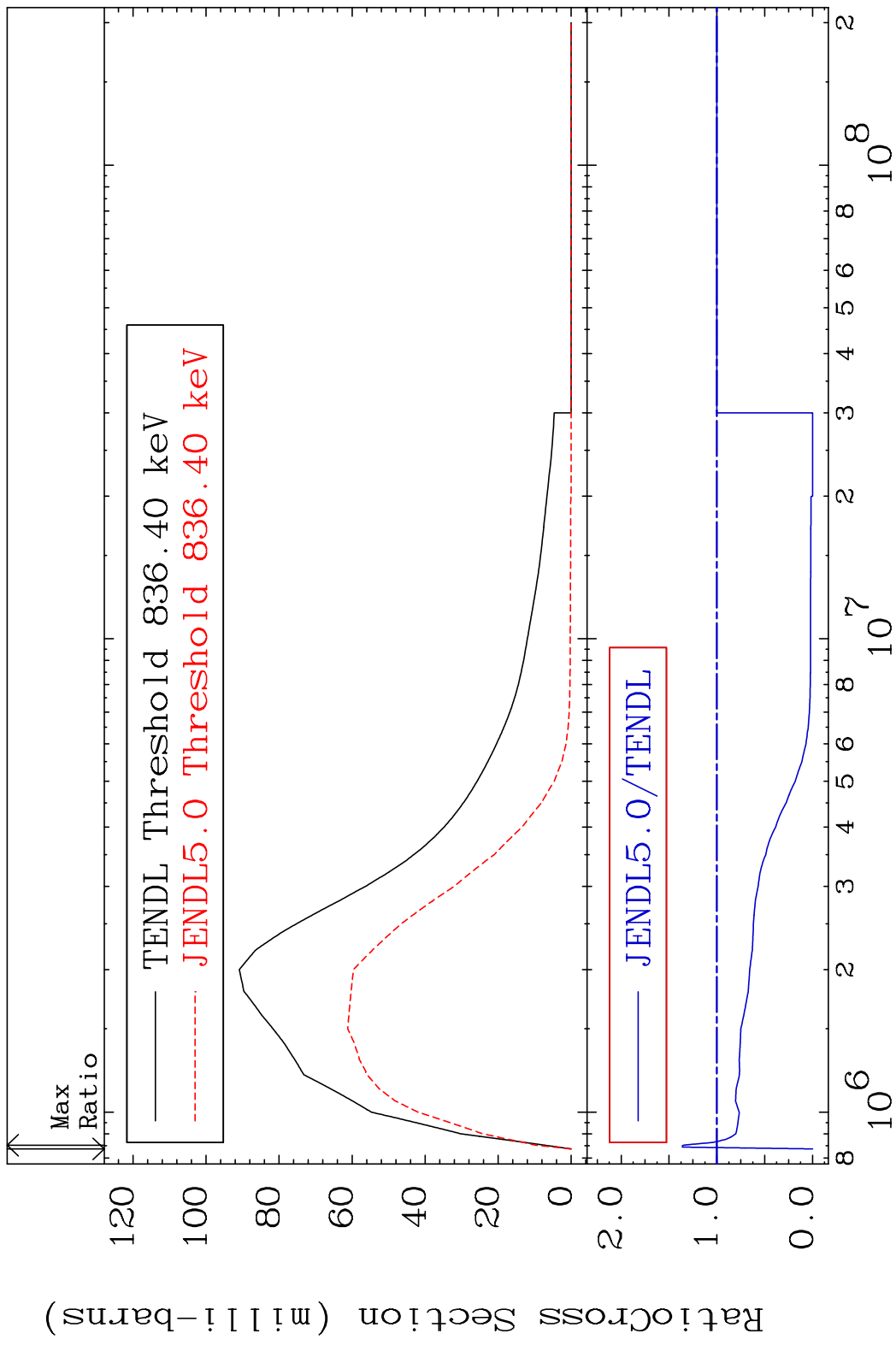
16 Incident Energy (eV) 53-I -129

MAT 5331 MT= 57 (n,n') Level 53-I -129  
 Cross Section -100.0 To 923.1 %



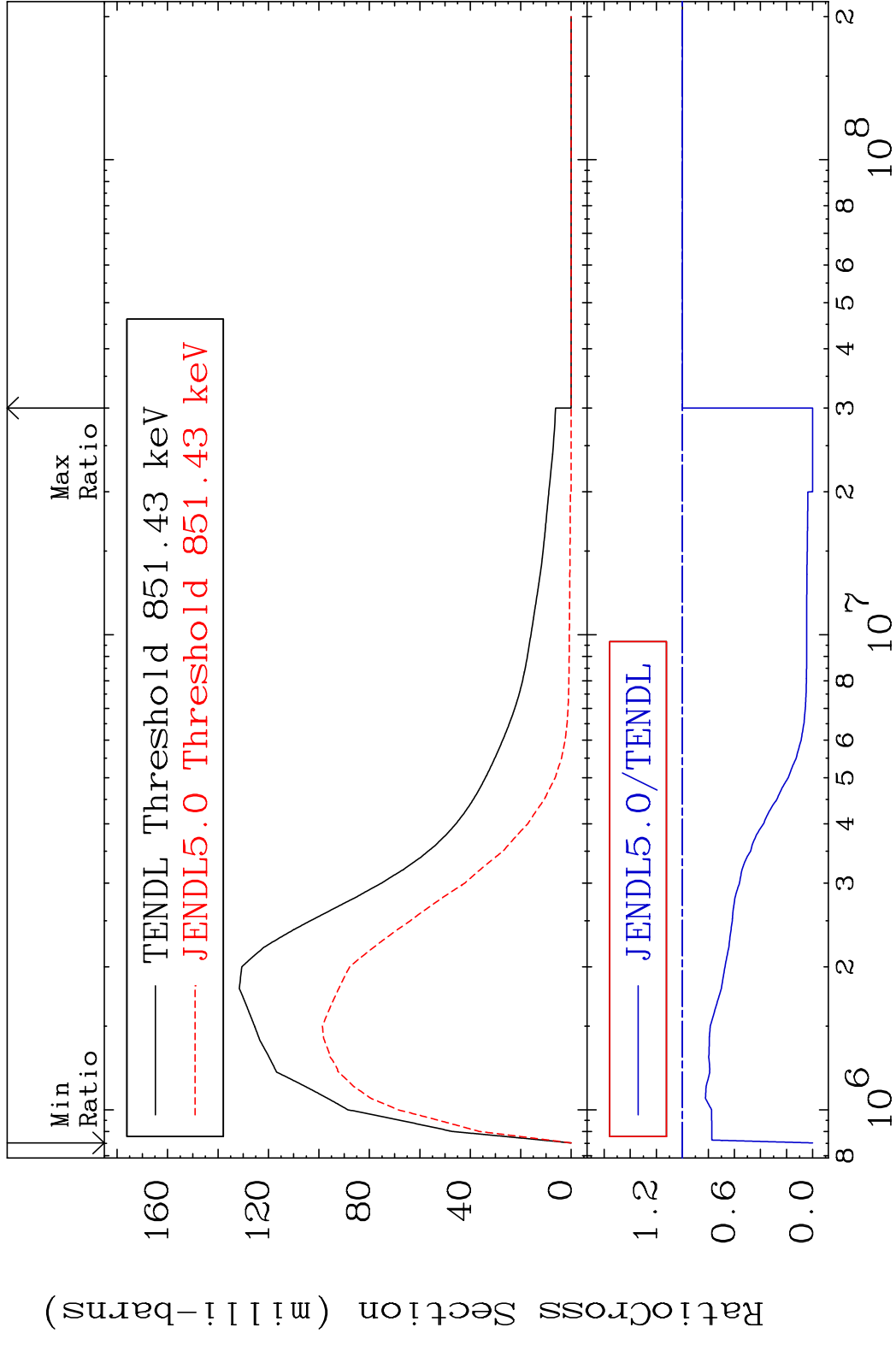
17 Incident Energy (eV) 53-I -129

MAT 5331 MT= 58 (n, n') Level 53-I -129  
 Cross Section -100.0 To 36.06 %



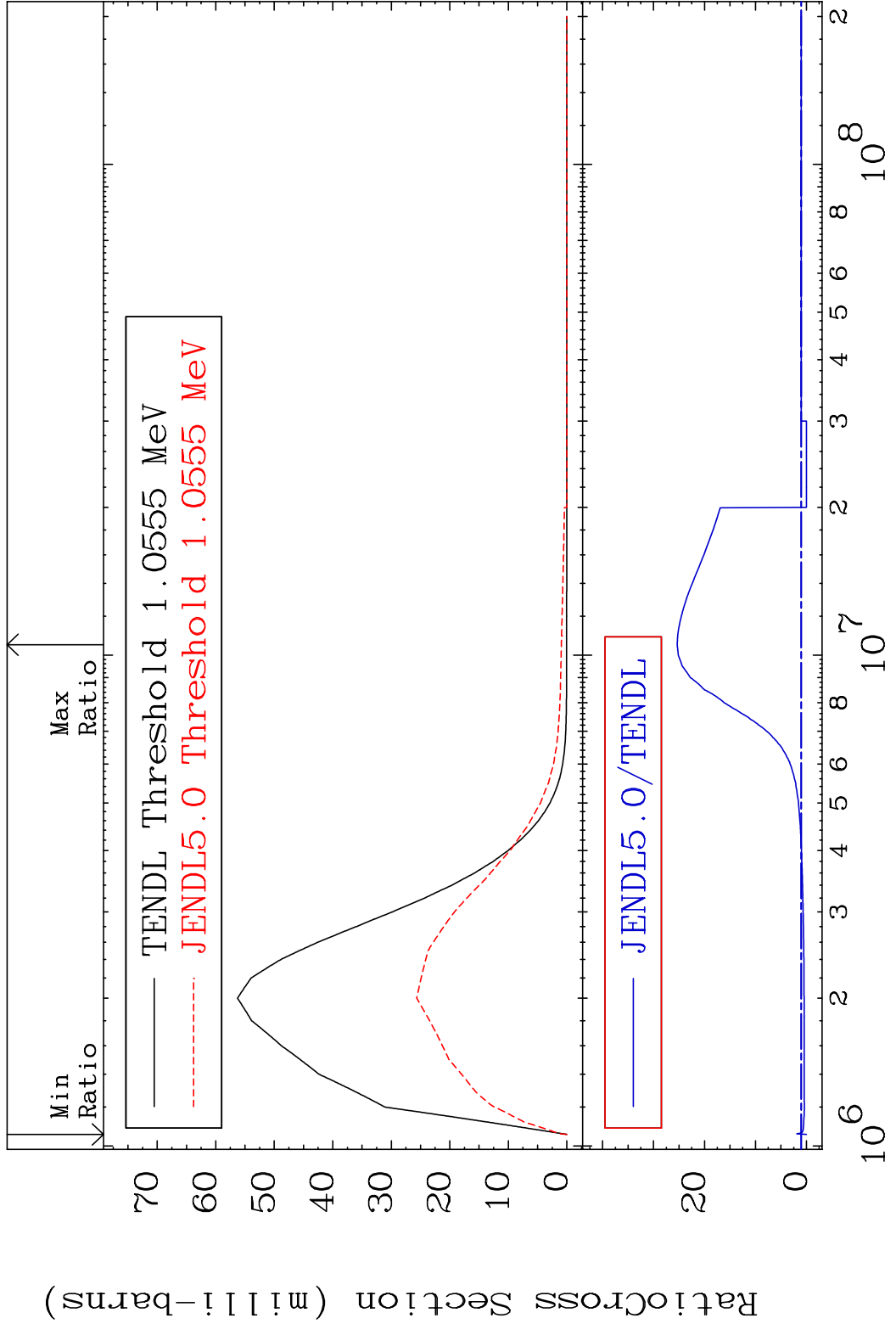
18 Incident Energy (eV) 53-I -129

MAT 5331 MT= 59 (n, n') Level 53-I -129  
 Cross Section -100.0 To 0.000 %



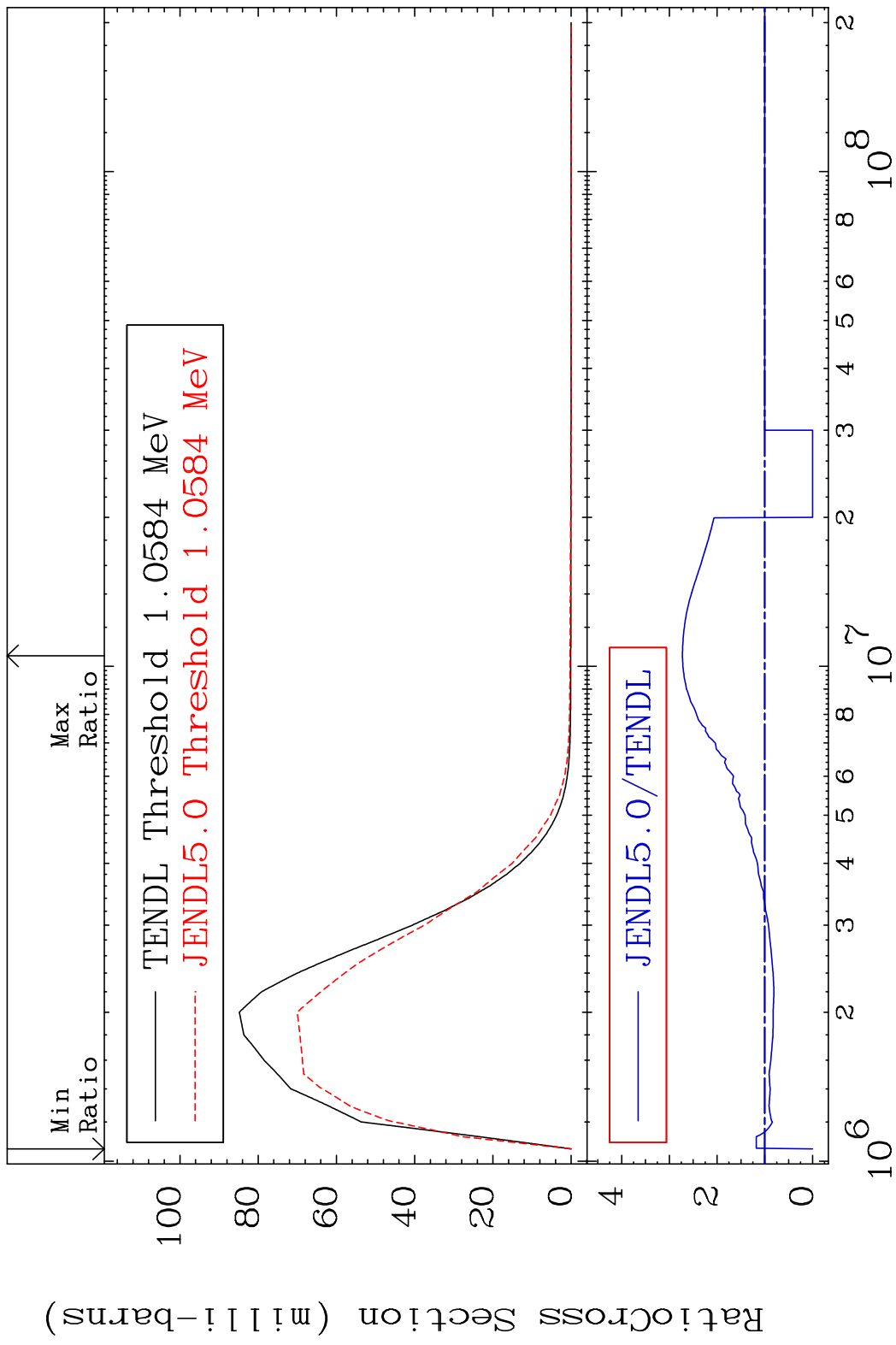
19 53-I -129

MAT 5331 MT= 60 (n, n') Level 53-I -129  
 Cross Section -100.0 To 2436. %

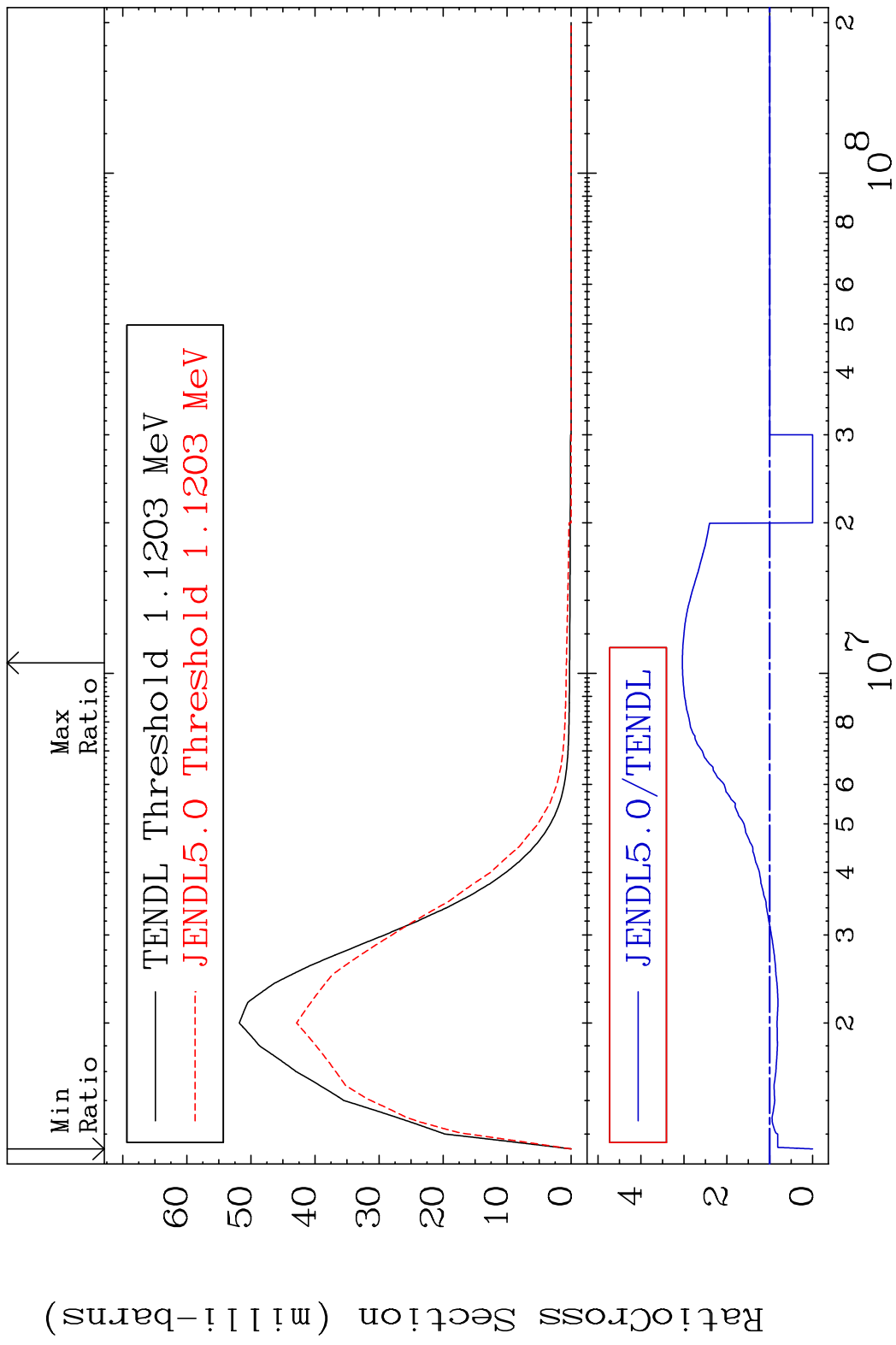


20 Incident Energy (eV) 53-I -129

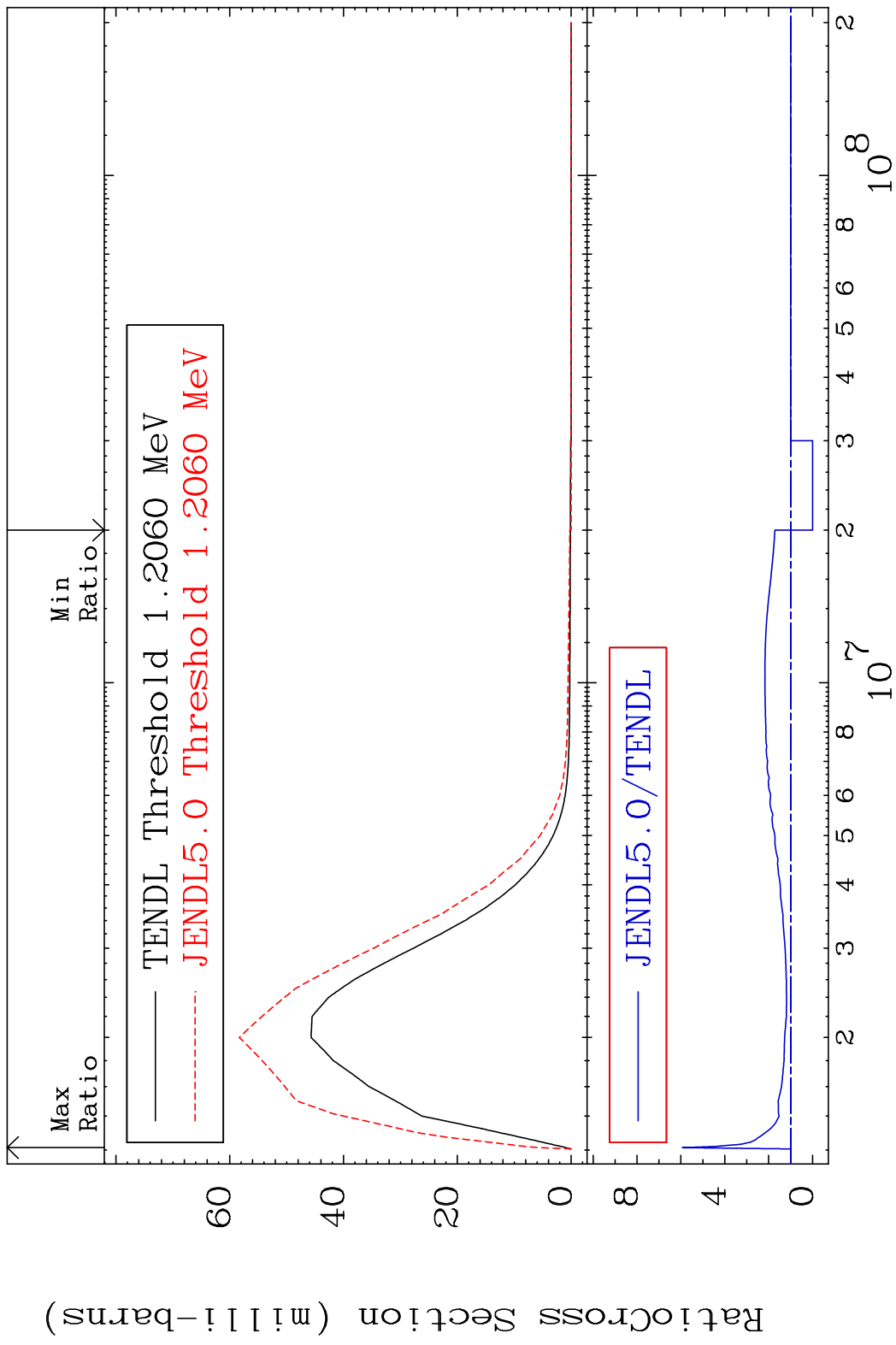
MAT 5331 MT= 61 (n, n') Level 53-I -129  
 Cross Section -100.0 To 172.8 %



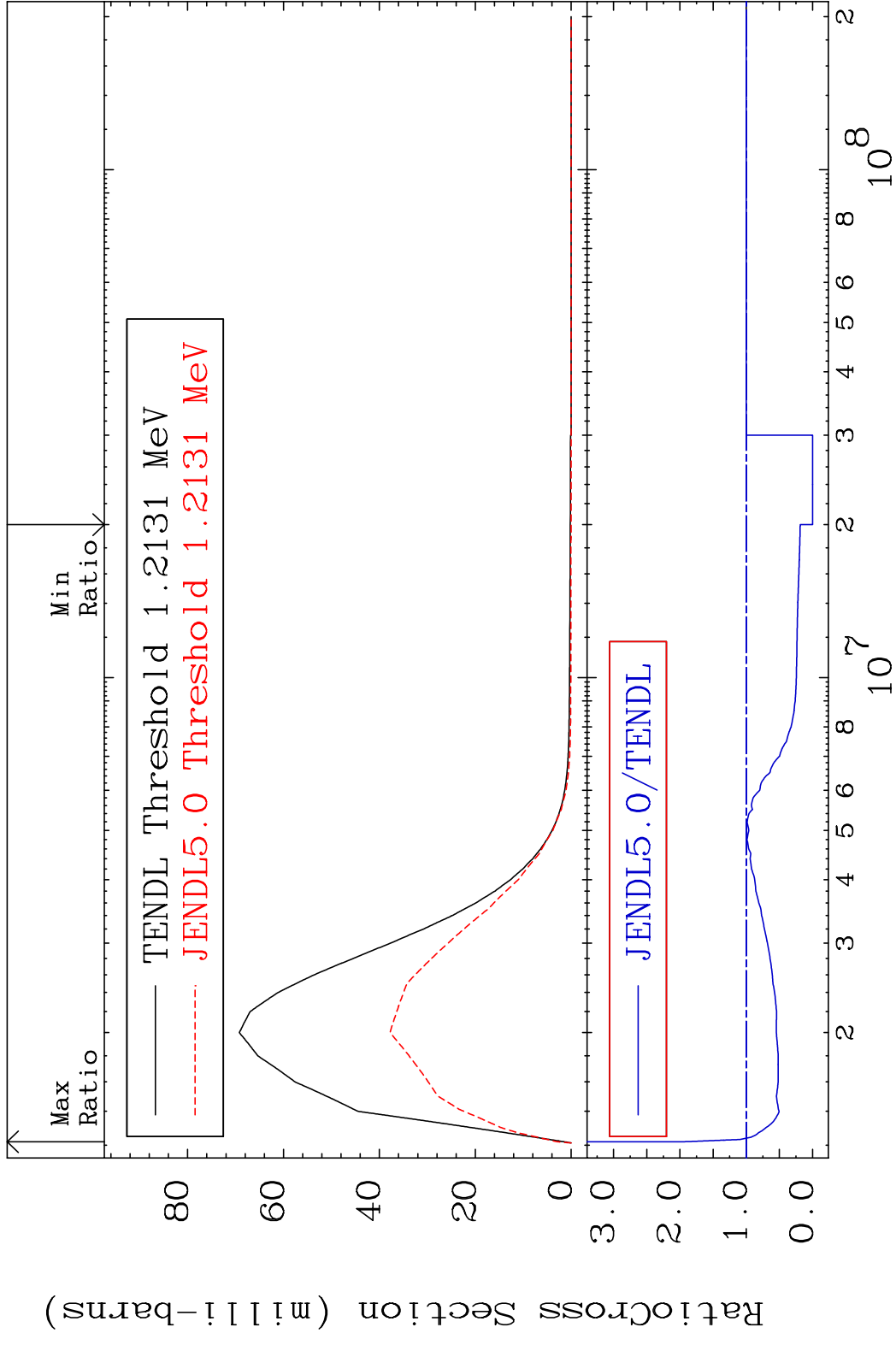
MAT 5331 MT= 62 (n, n') Level 53-I -129  
 Cross Section -100.0 To 203.6 %



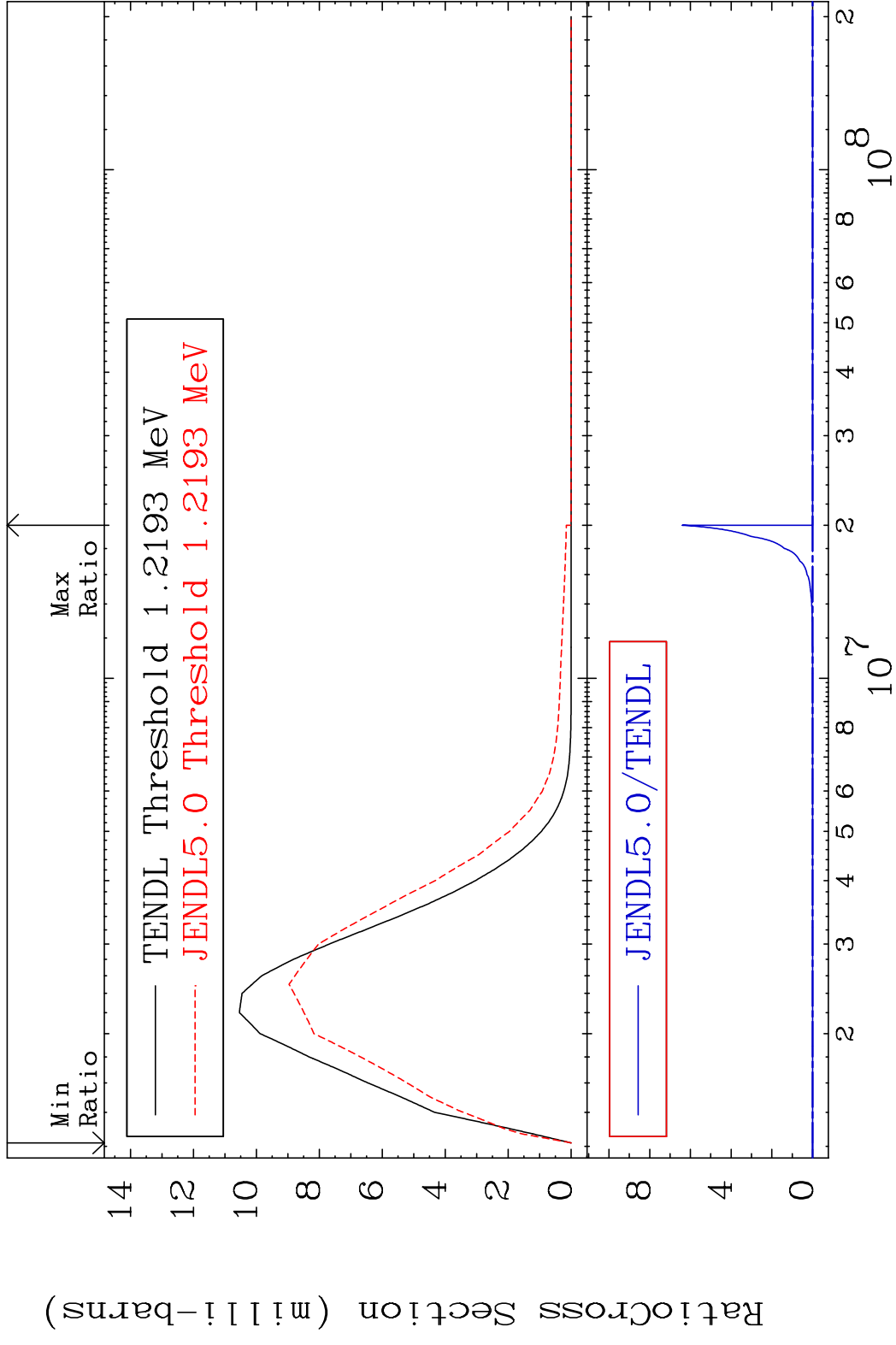
MAT 5331 MT= 63 (n, n') Level 53-I -129  
 Cross Section -100.0 To 493.4 %



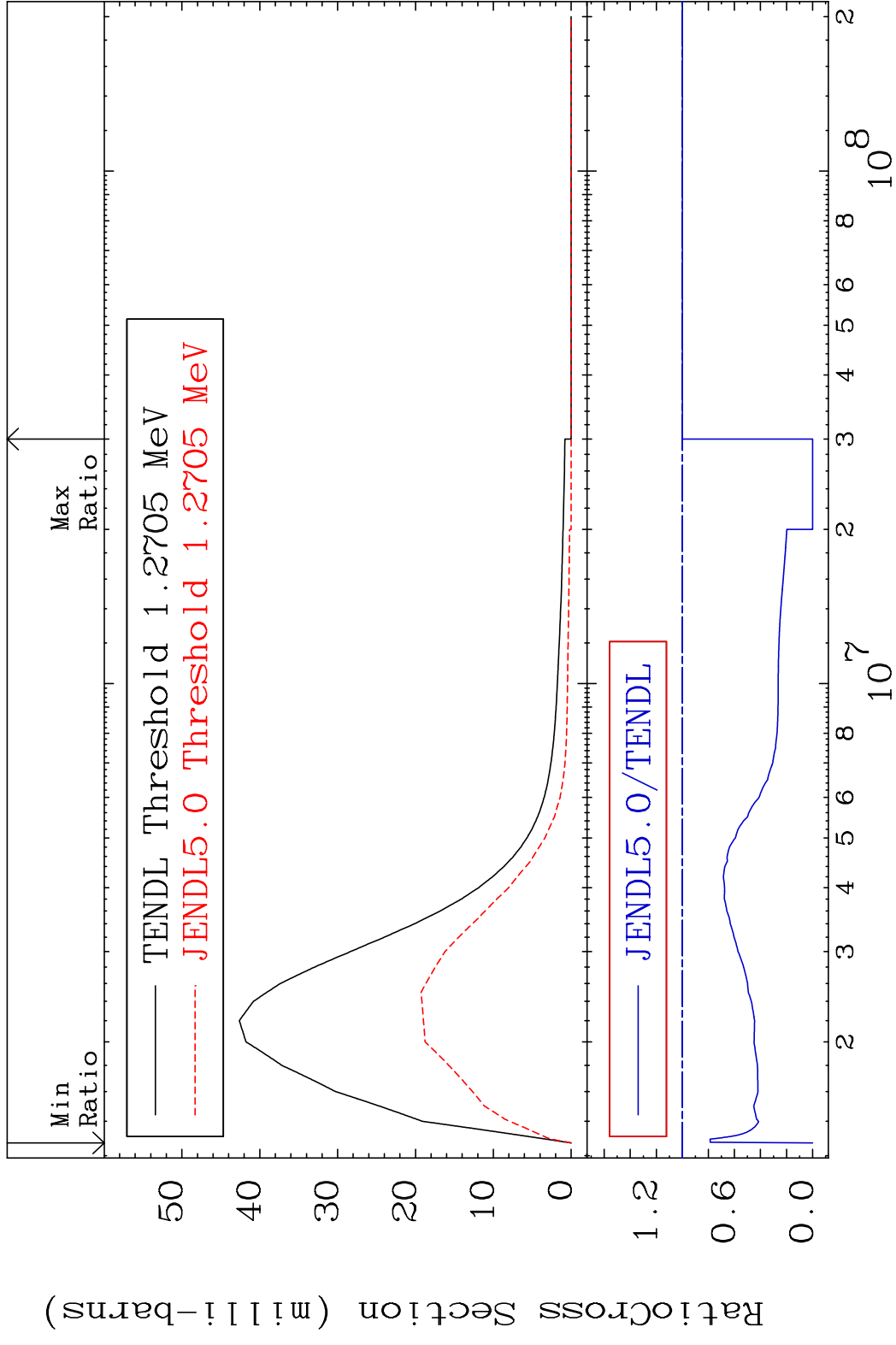
MAT 5331 MT= 64 (n, n') Level 53-I -129  
 Cross Section -100.0 To 96.36 %



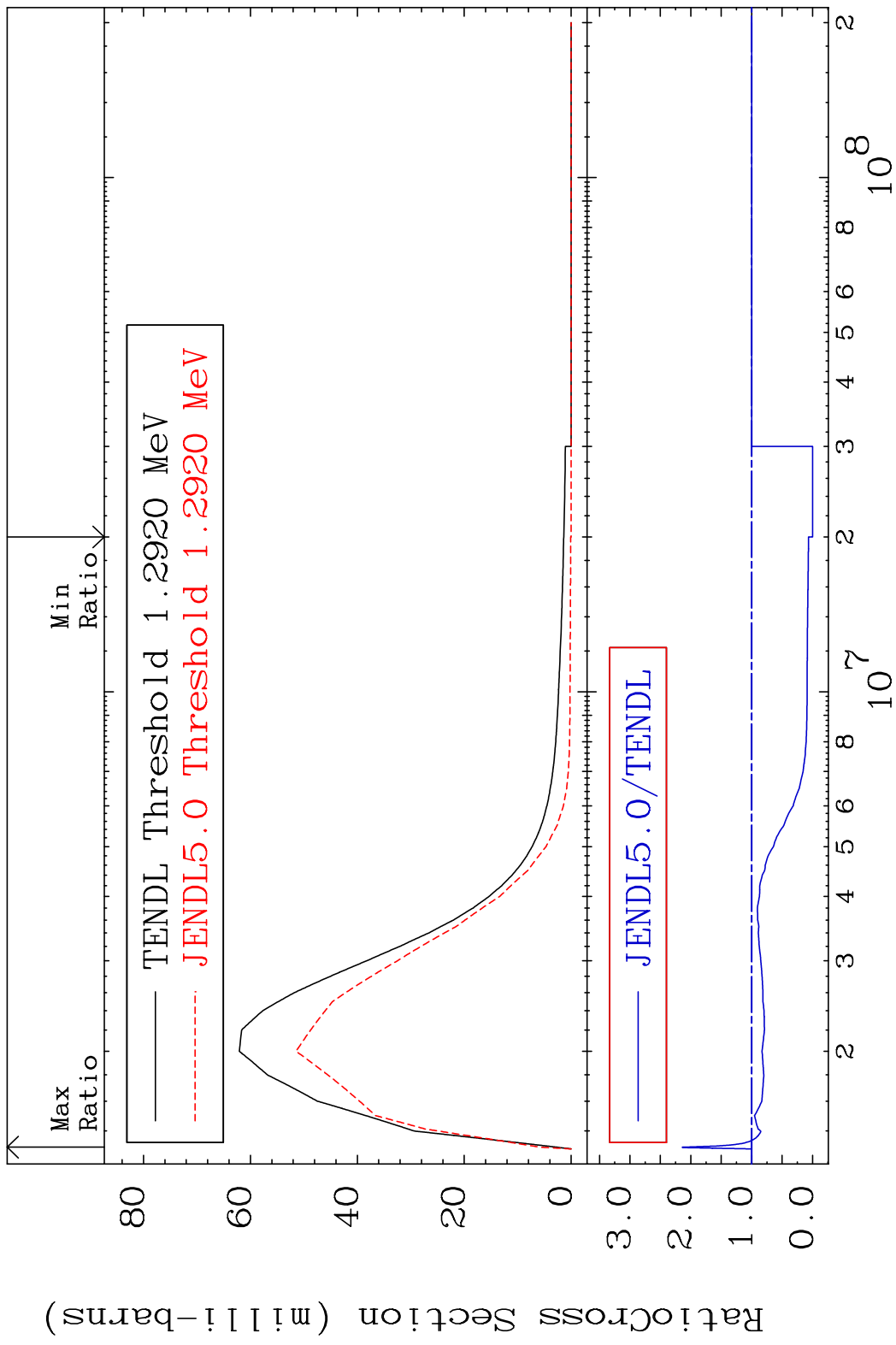
MAT 5331 MT= 65 (n,n') Level 53-I -129  
 Cross Section -100.0 To 9999. %



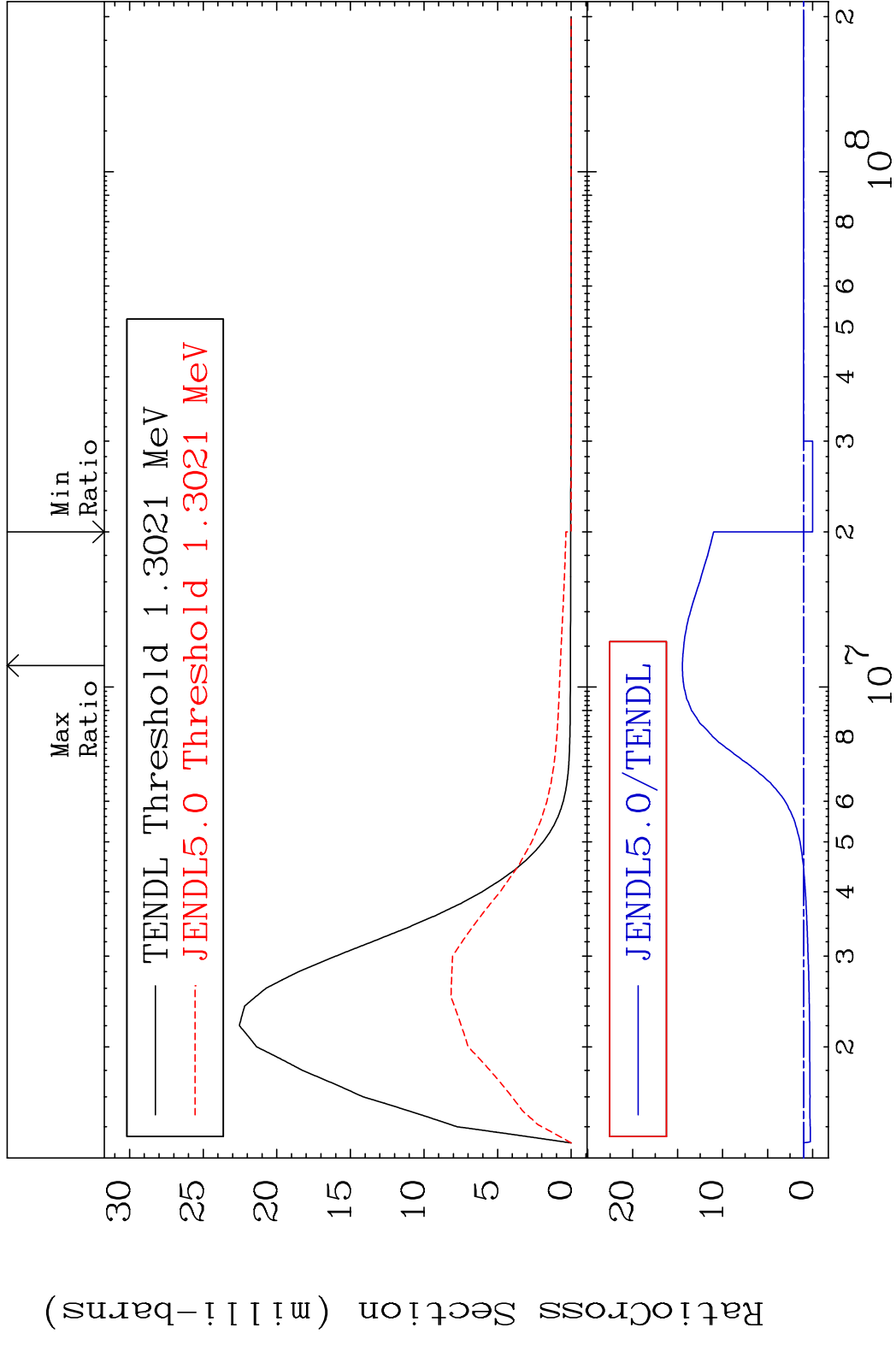
MAT 5331 MT= 66 (n, n') Level 53-I -129  
 Cross Section -100.0 To 0.000 %



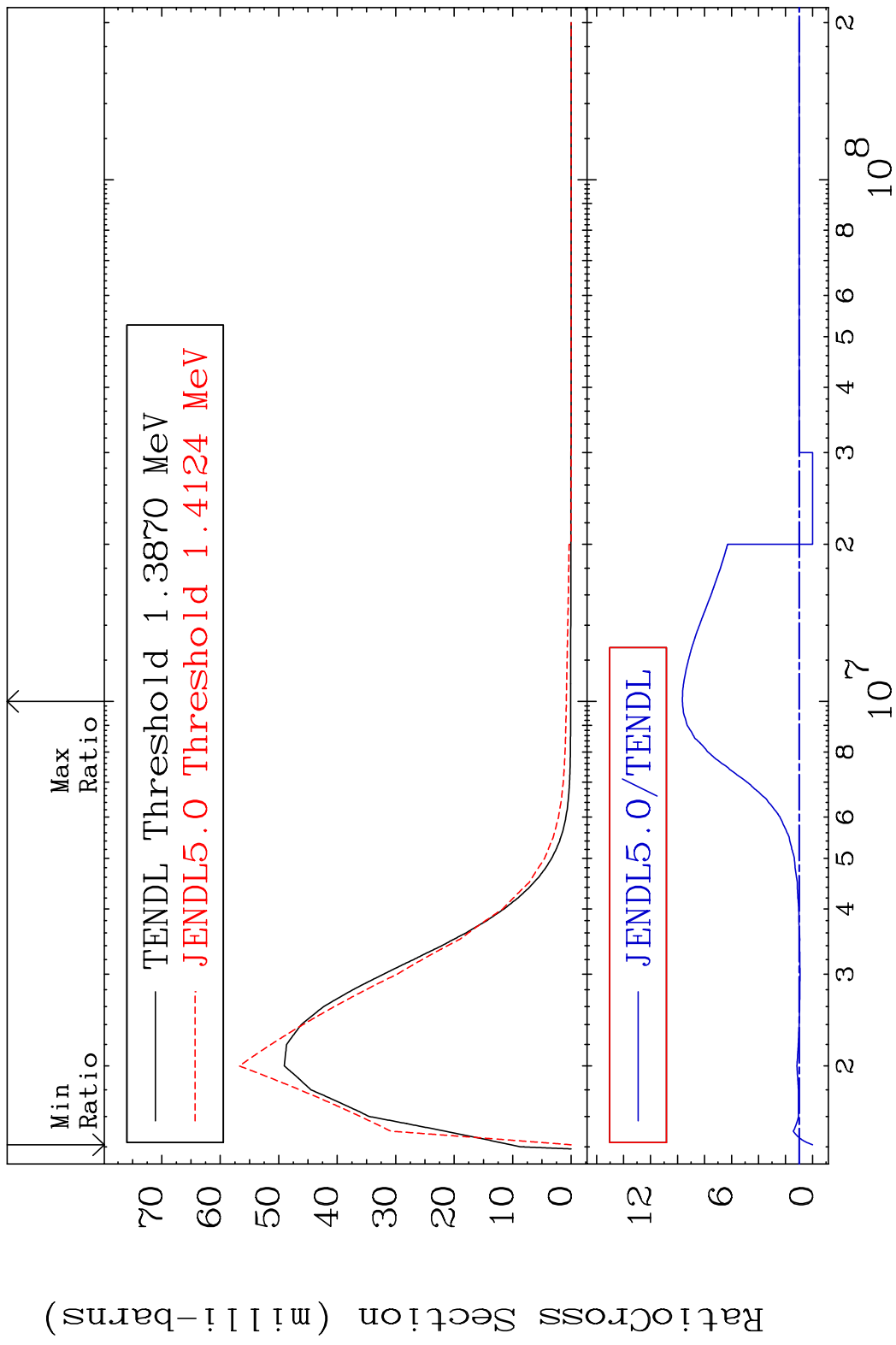
MAT 5331 MT= 67 (n, n') Level 53-I -129  
 Cross Section -100.0 To 113.9 %



MAT 5331 MT= 68 (n,n') Level 53-I -129  
 Cross Section -100.0 To 1348. %



MAT 5331 MT= 69 (n, n') Level 53-I -129  
 Cross Section -100.0 To 864.4 %



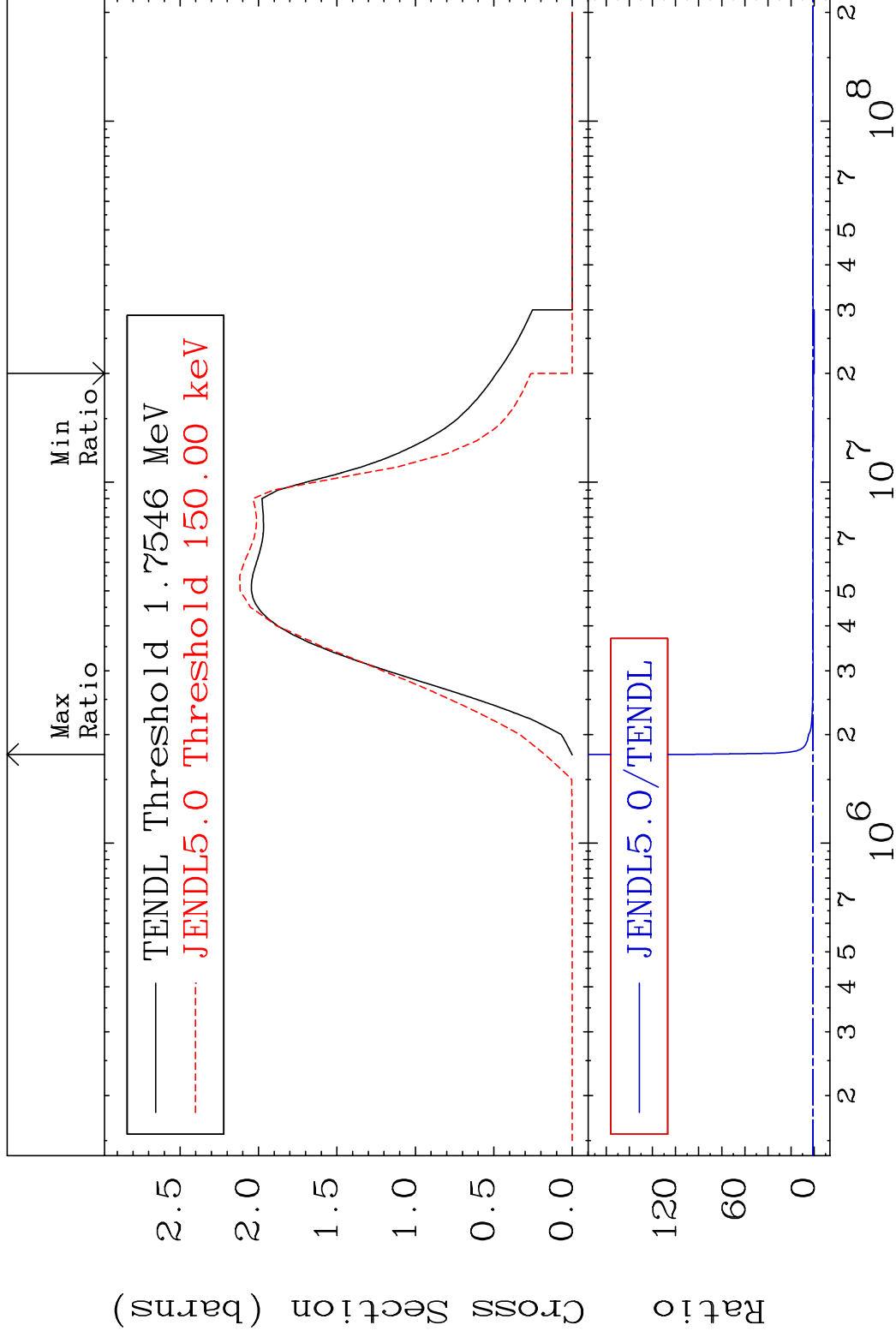
29 Incident Energy (eV) 53-I -129

MAT 5331

(n, n') Continuum

53-I -129

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

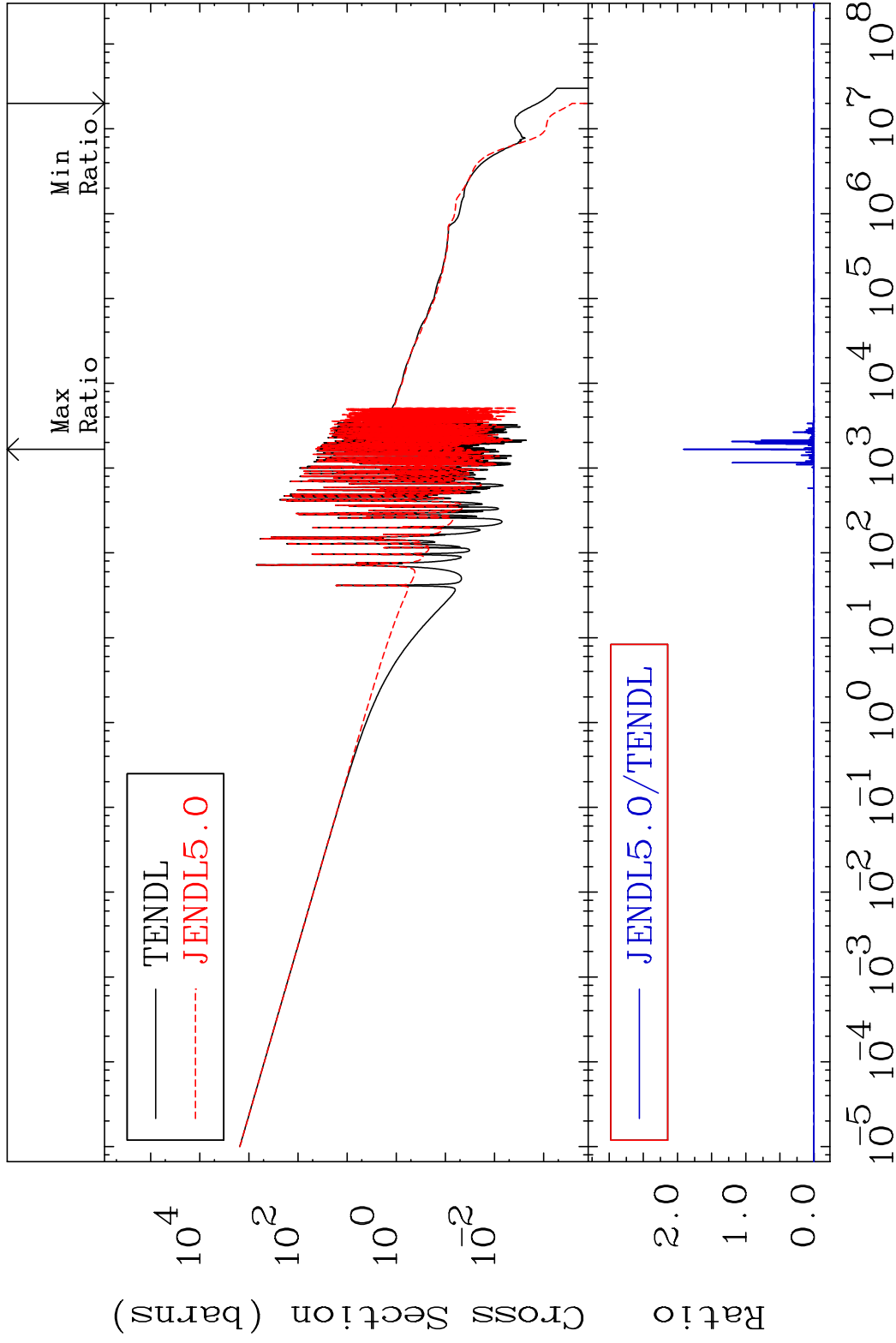
53-I -129

MAT 5331

(n,  $\gamma$ )

53-I -129

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

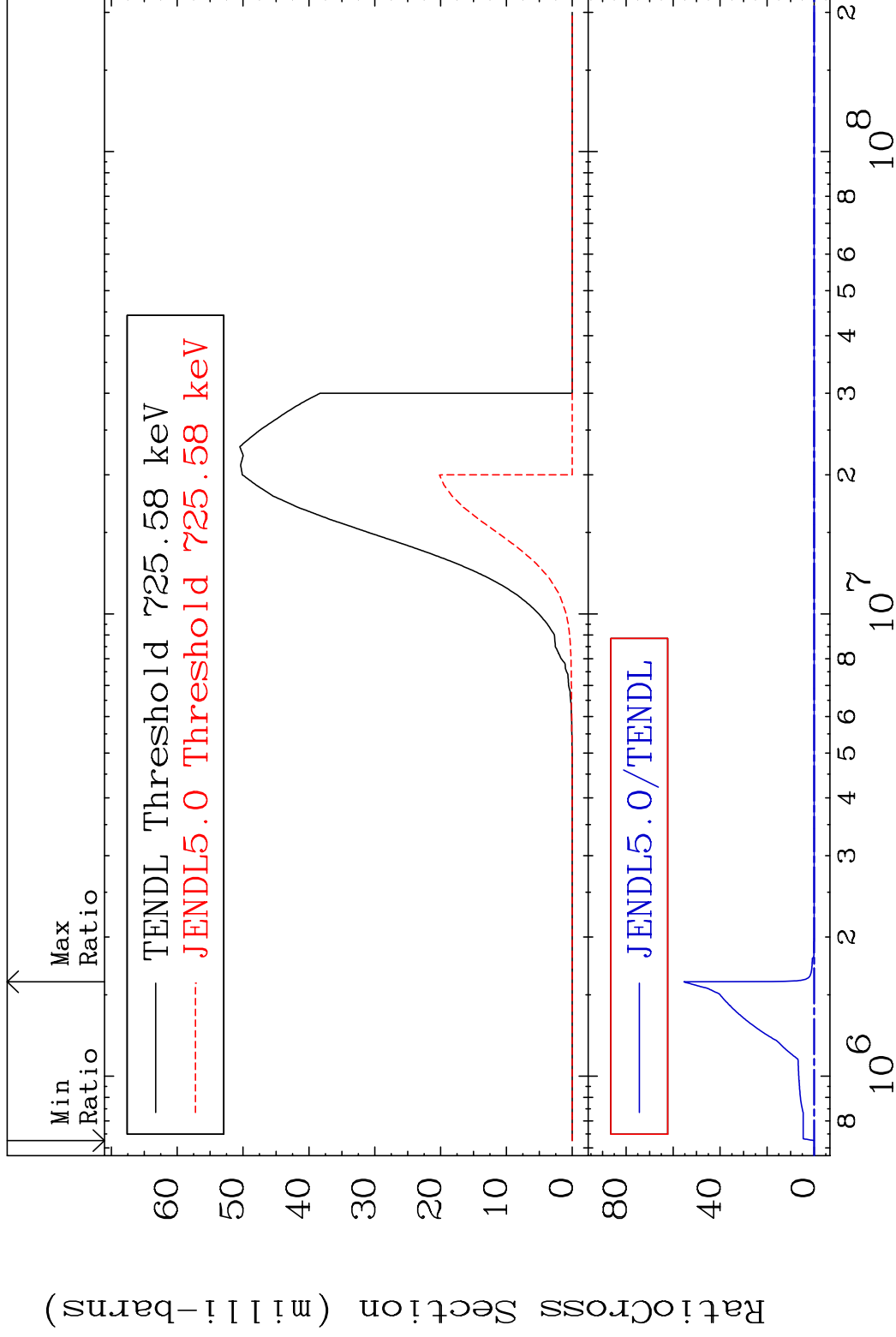
53-I -129

MAT 5331

(n, p)

53-I -129

Cross Section -100.0 To 9999. %



32

Incident Energy (eV)

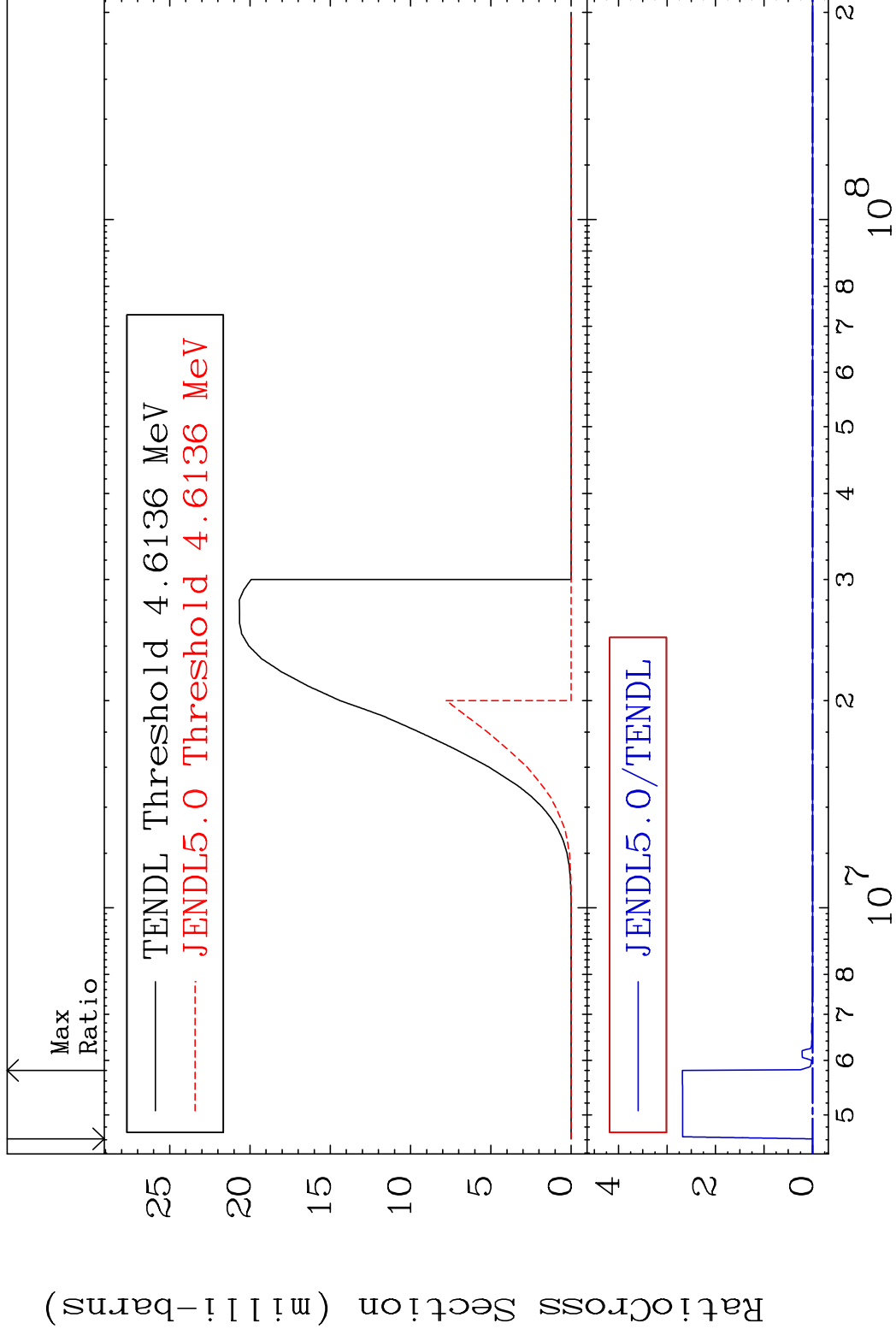
53-I -129

MAT 5331

(n,d)

53-I -129

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

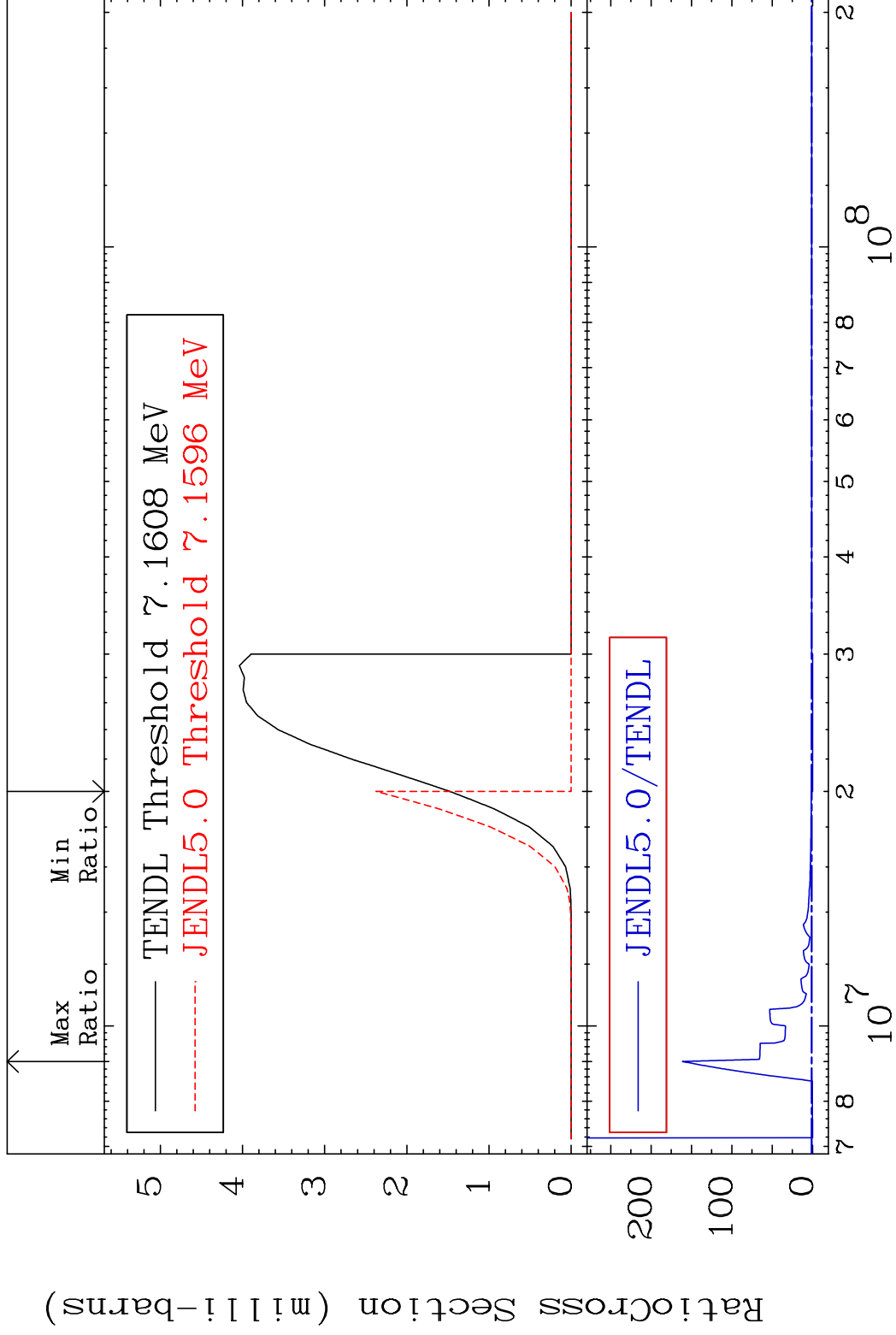
53-I -129

MAT 5331

(n, t)

53-I -129

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

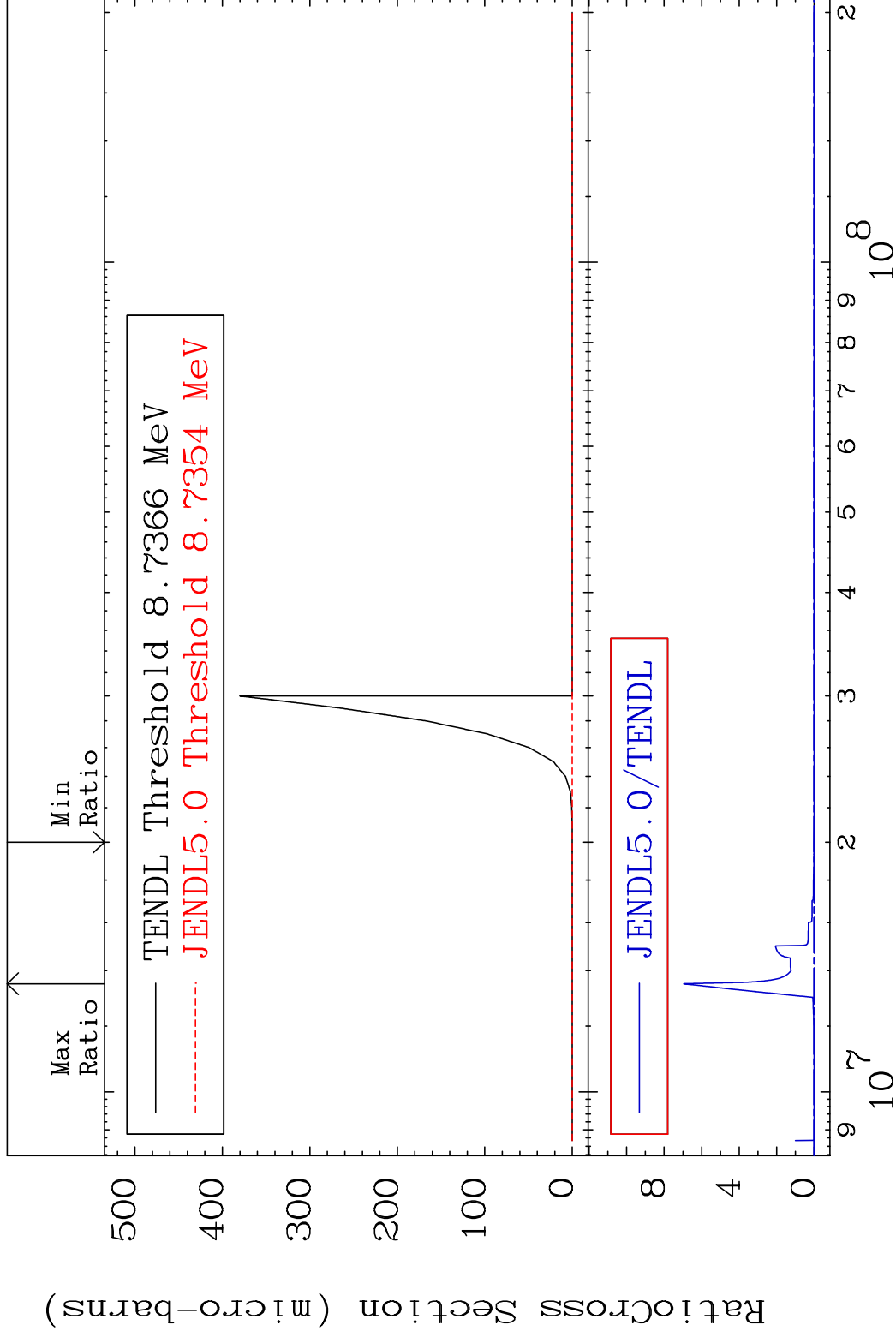
53-I -129

MAT 5331

(n, He-3)

53-I -129

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

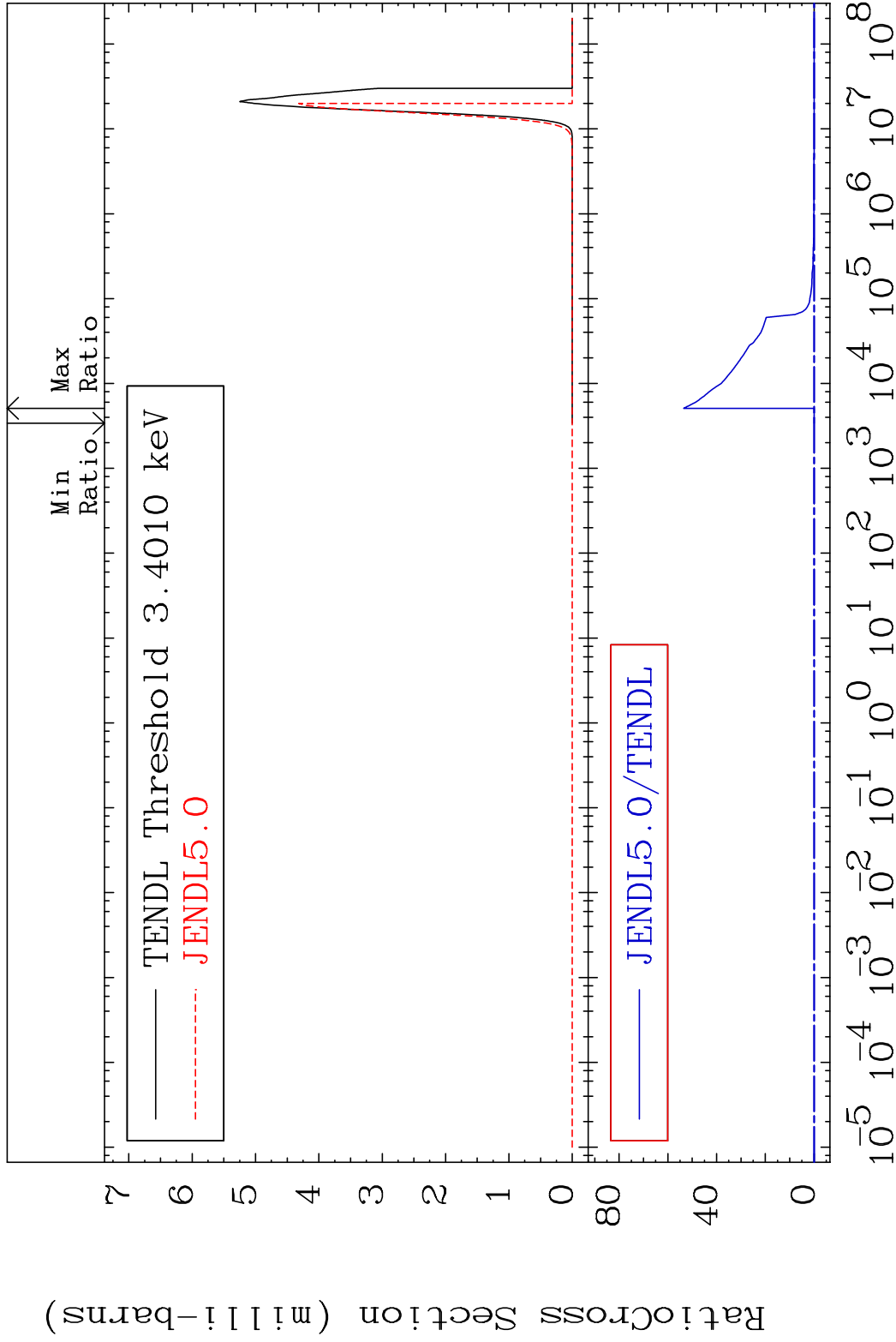
53-I -129

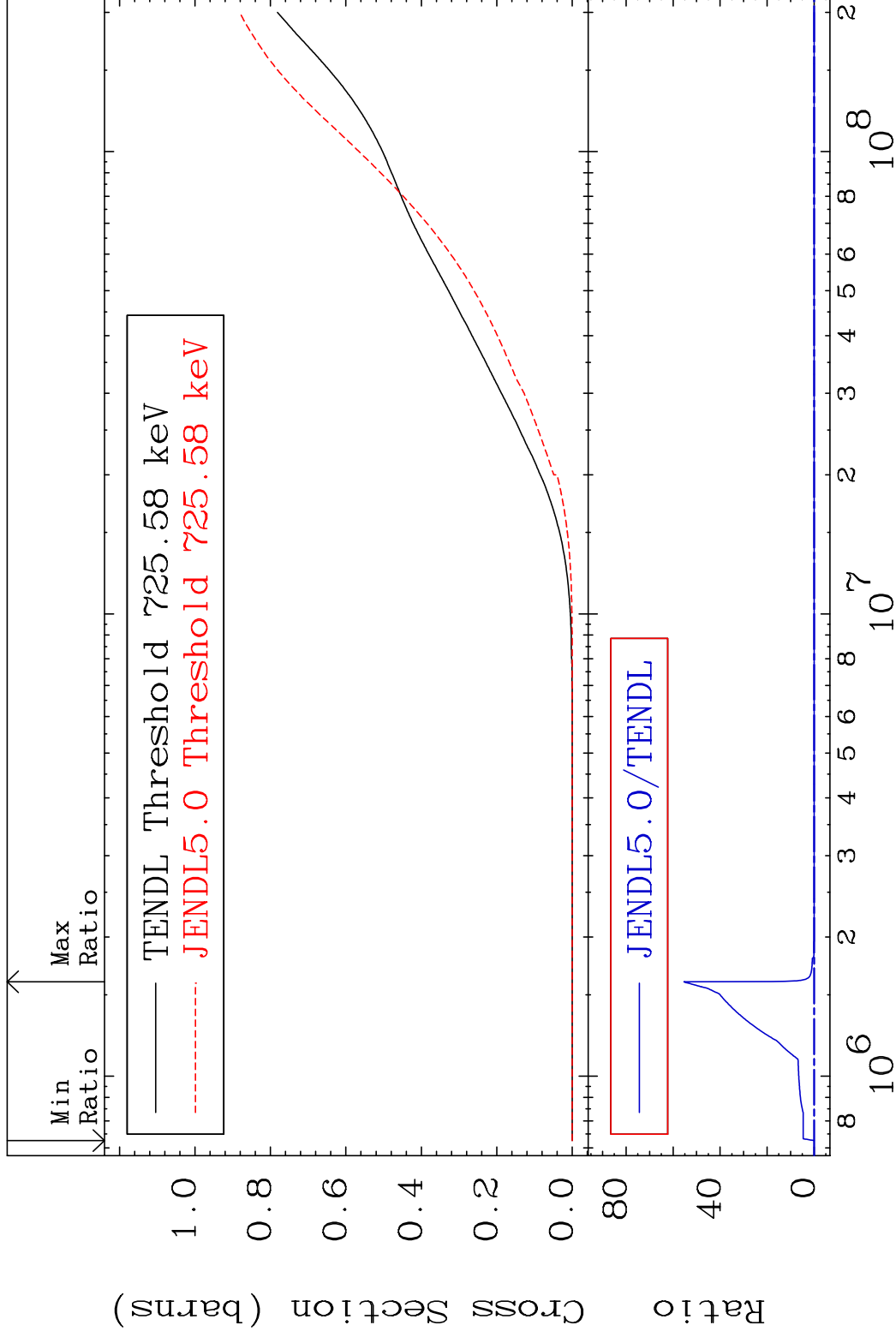
MAT 5331

(n,  $\alpha$ )

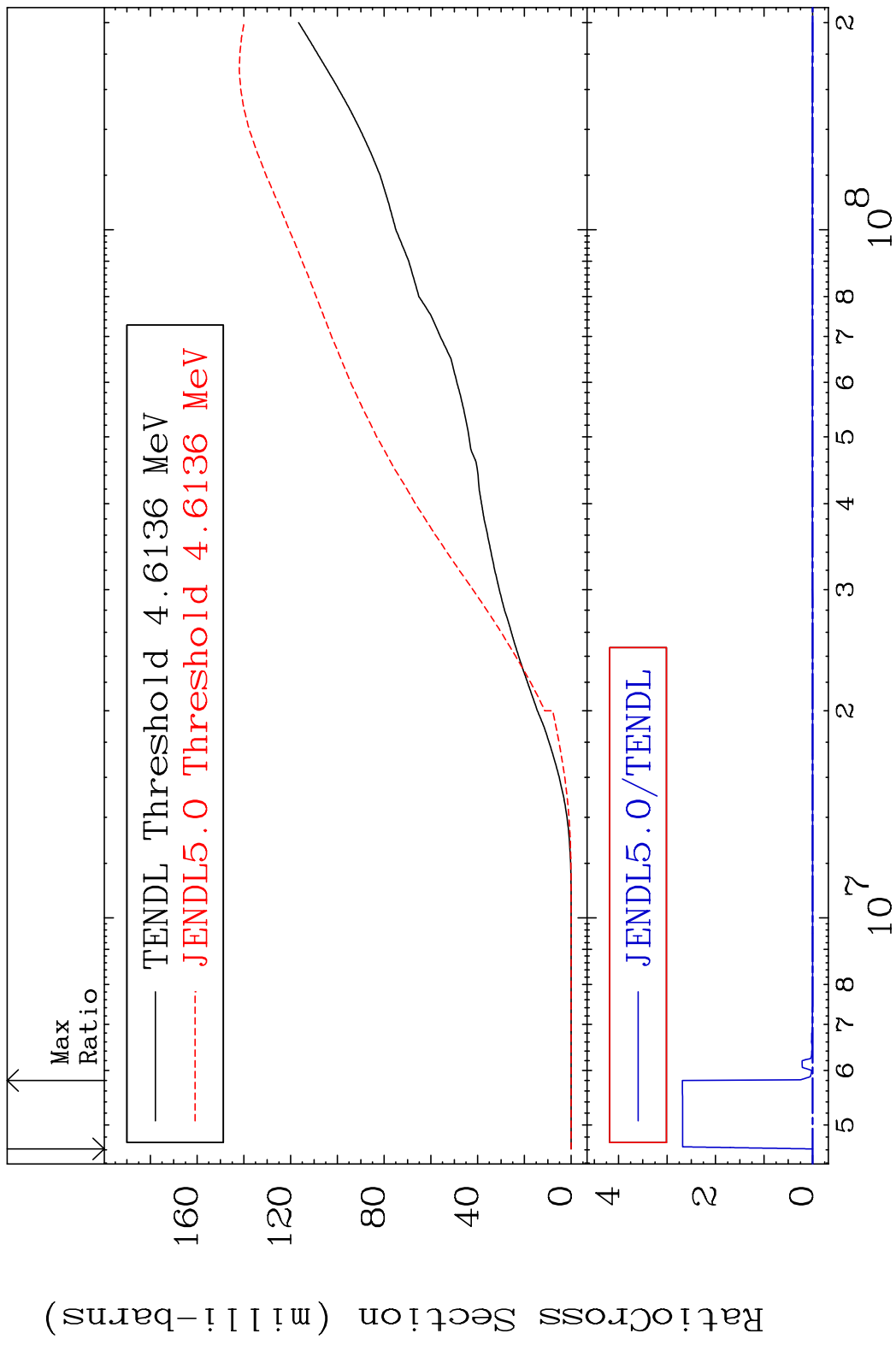
53-I -129

Cross Section -100.0 To 9999. %





MAT 5331 Deuterium Production 53-I -129  
 Cross Section -100.0 To 9999. %

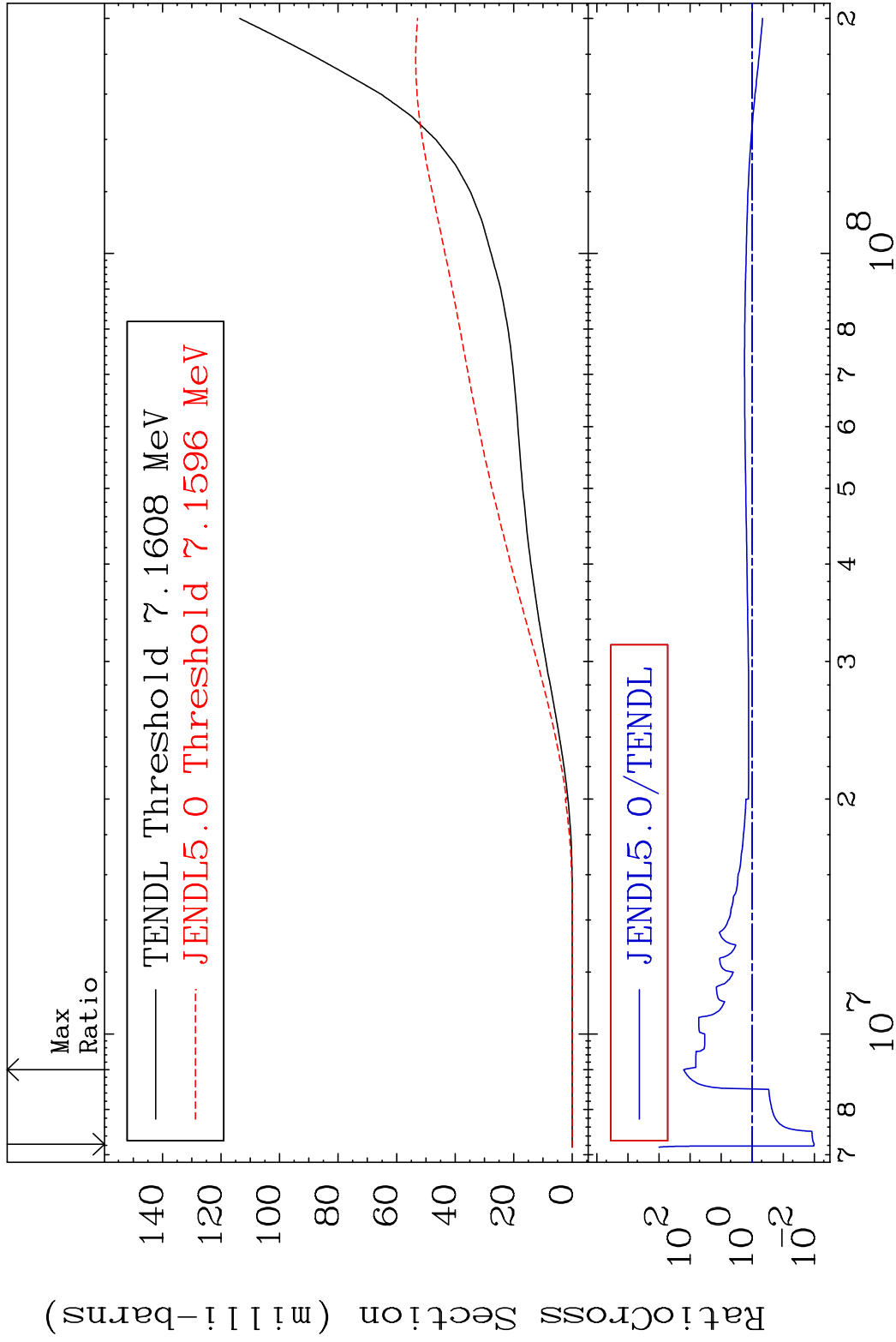


MAT 5331

Tritium Production

53-I -129

Cross Section -98.98 To 9999. %



39

Incident Energy (eV)

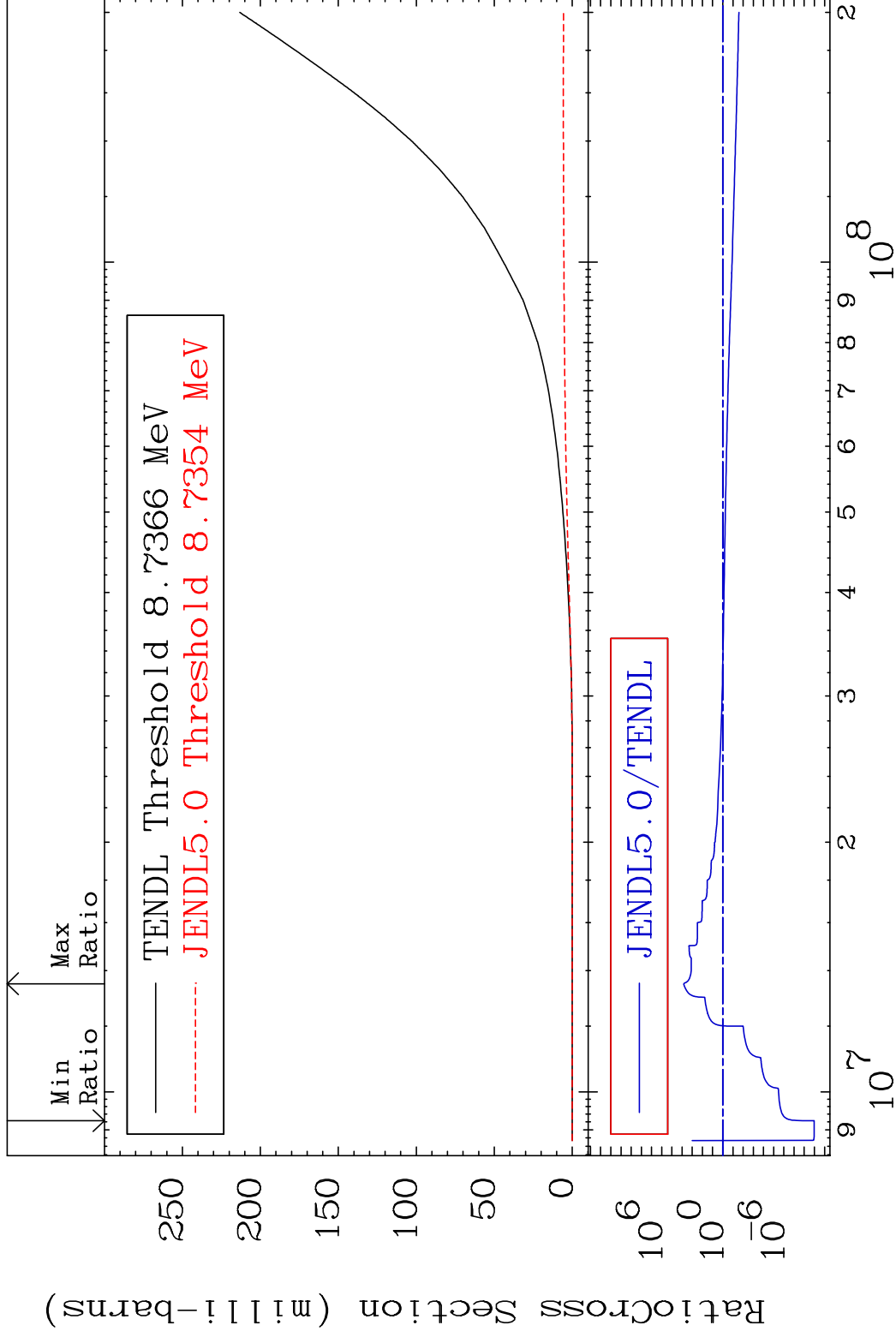
53-I -129

MAT 5331

He-3 Production

53-I -129

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

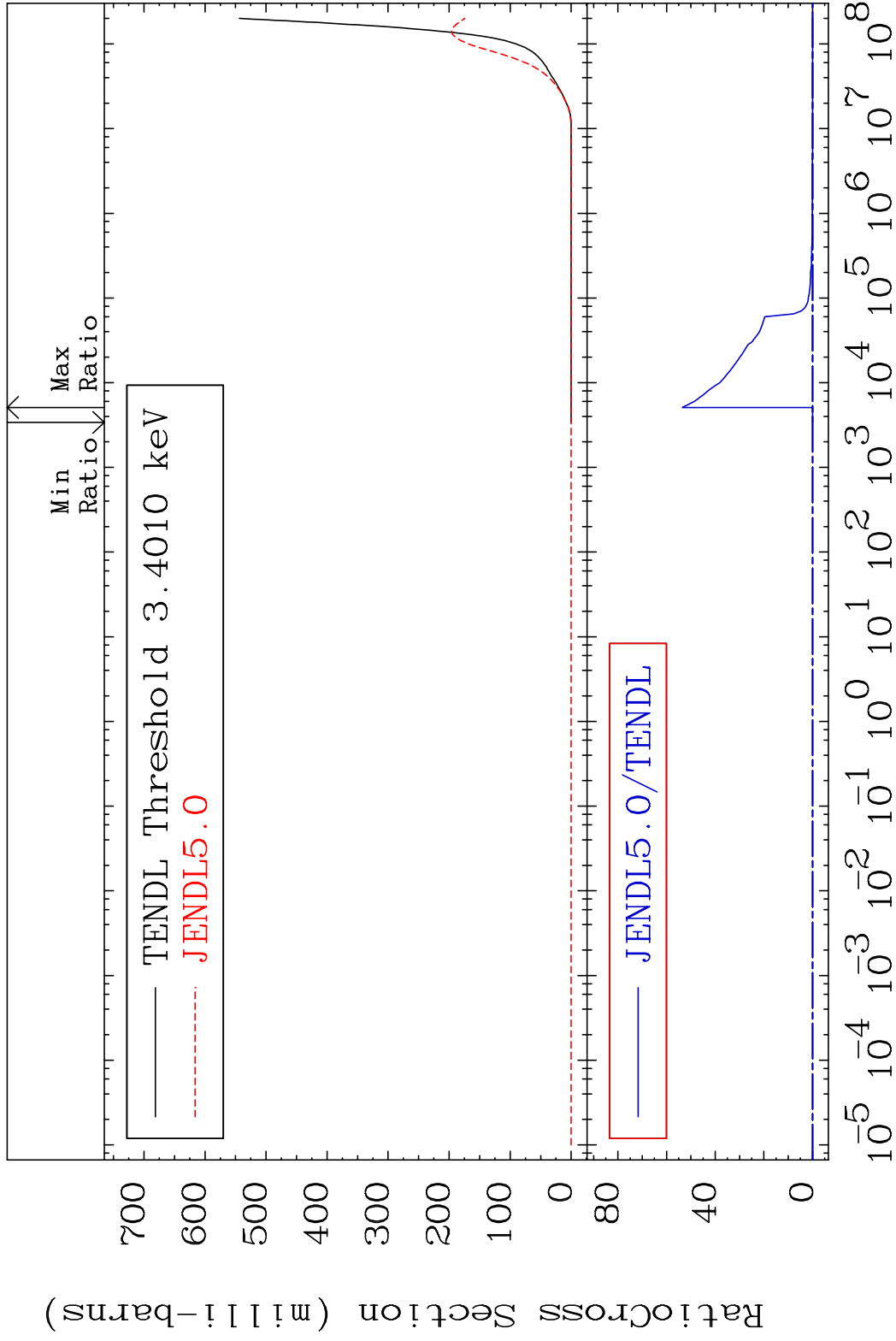
53-I -129

MAT 5331

He-4 Production

53-I -129

Cross Section -100.0 To 9999. %

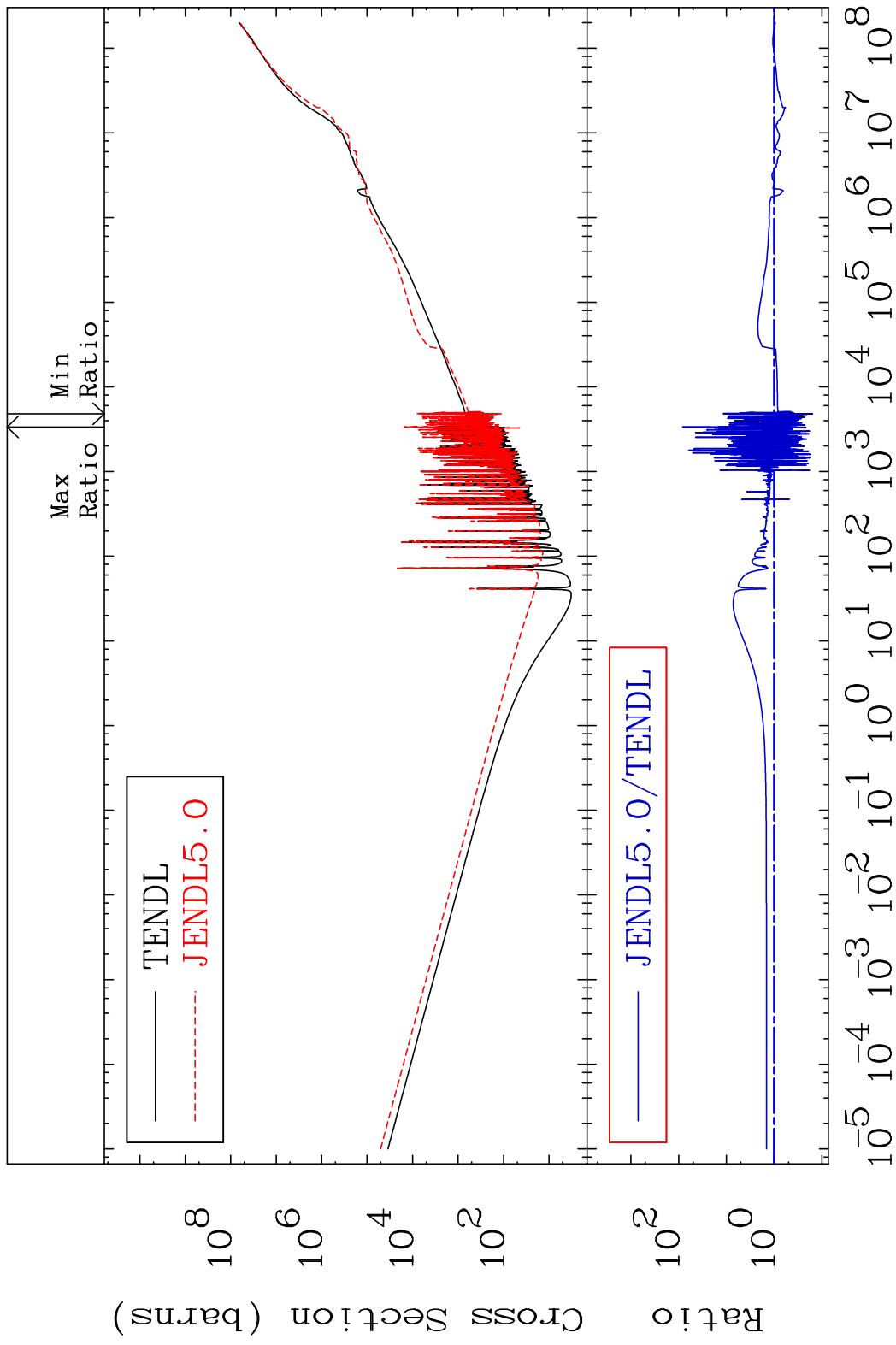


41

Incident Energy (eV)

53-I -129

MAT 5331 Kerma total (eV-barns) 53-I -129  
Cross Section -84.28 To 8265. %



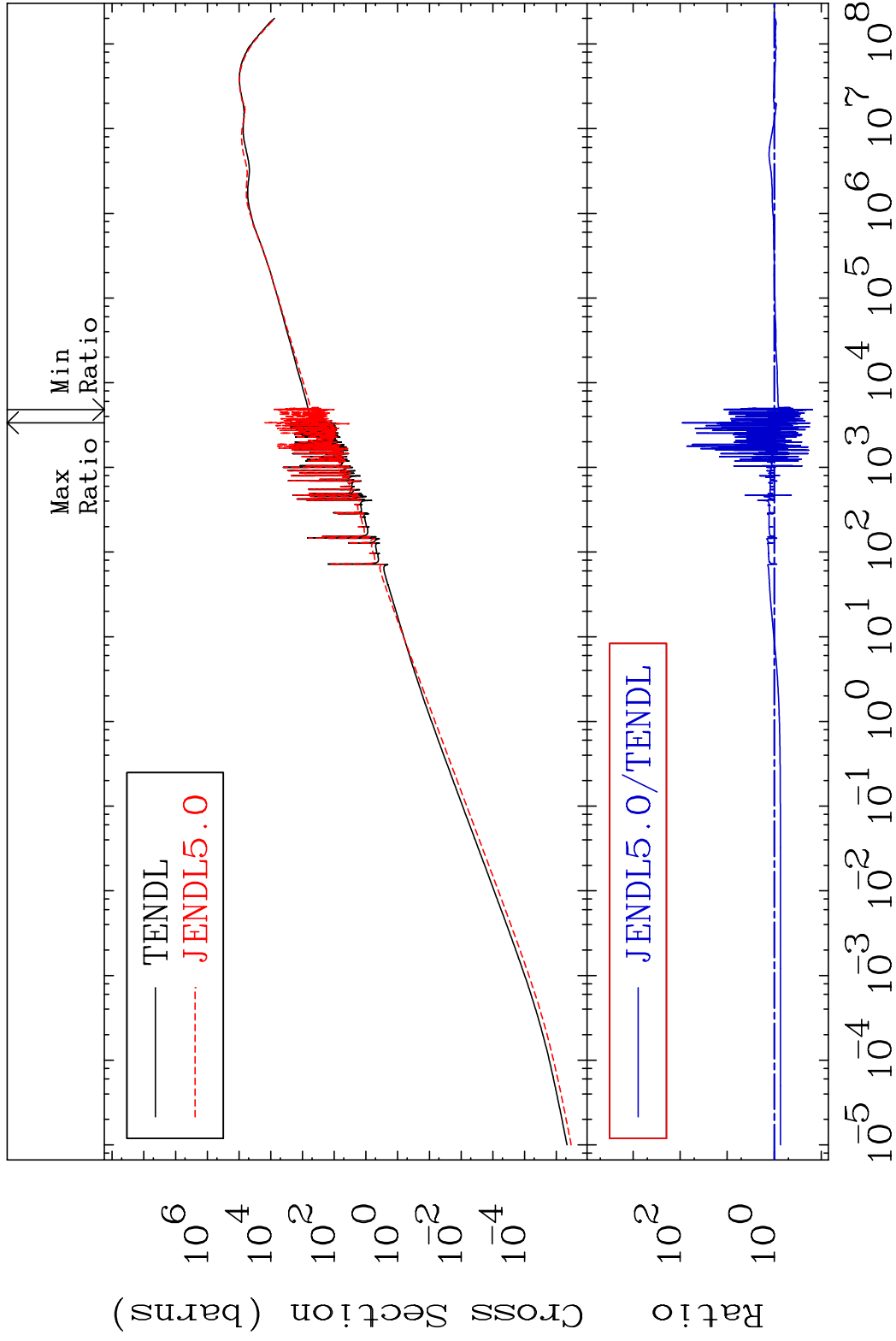
42 Incident Energy (eV) 53-I -129

MAT 5331

Kerma elastic

53-I -129

Cross Section -84.73 To 8883. %

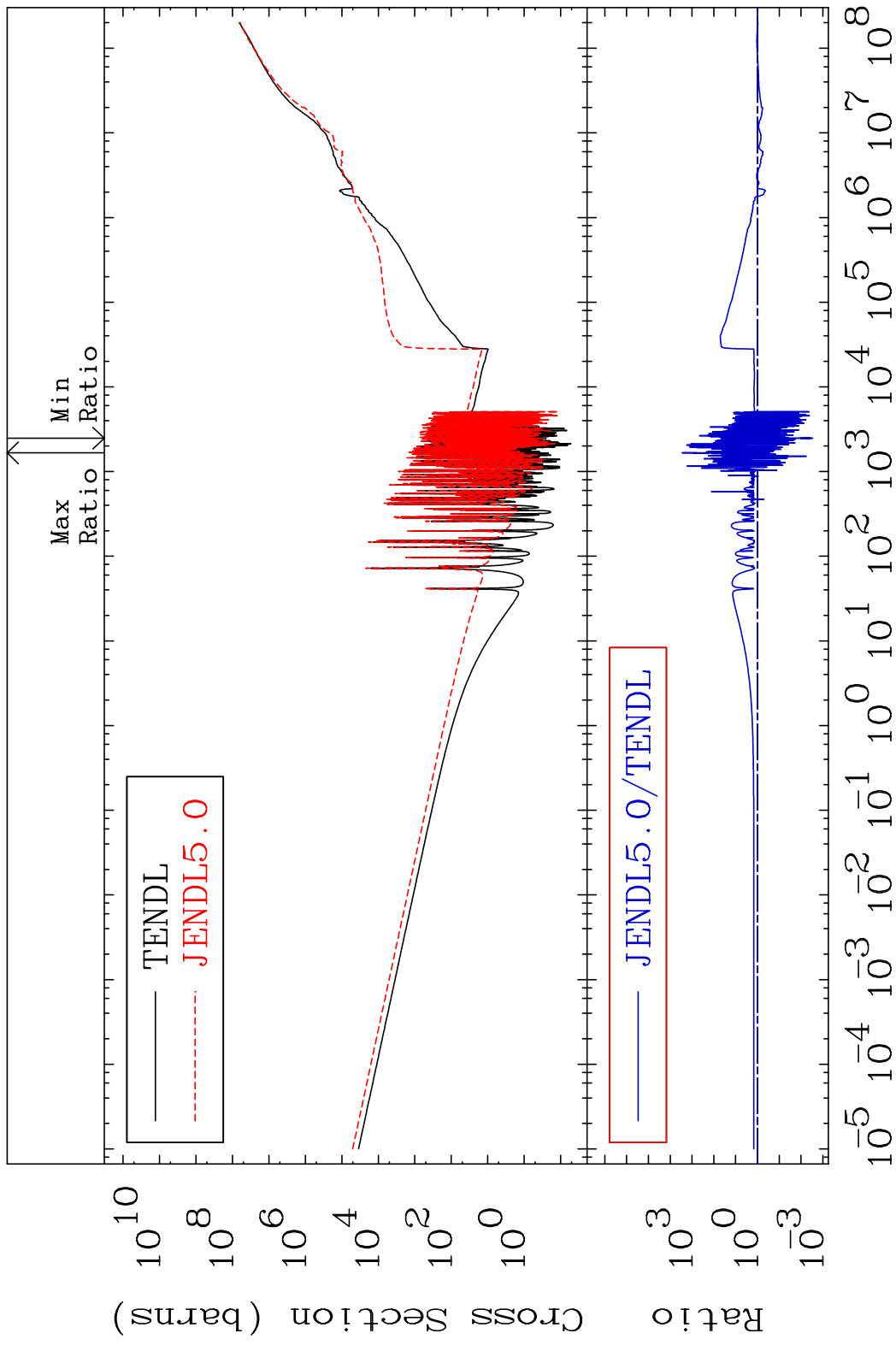


43

Incident Energy (eV)

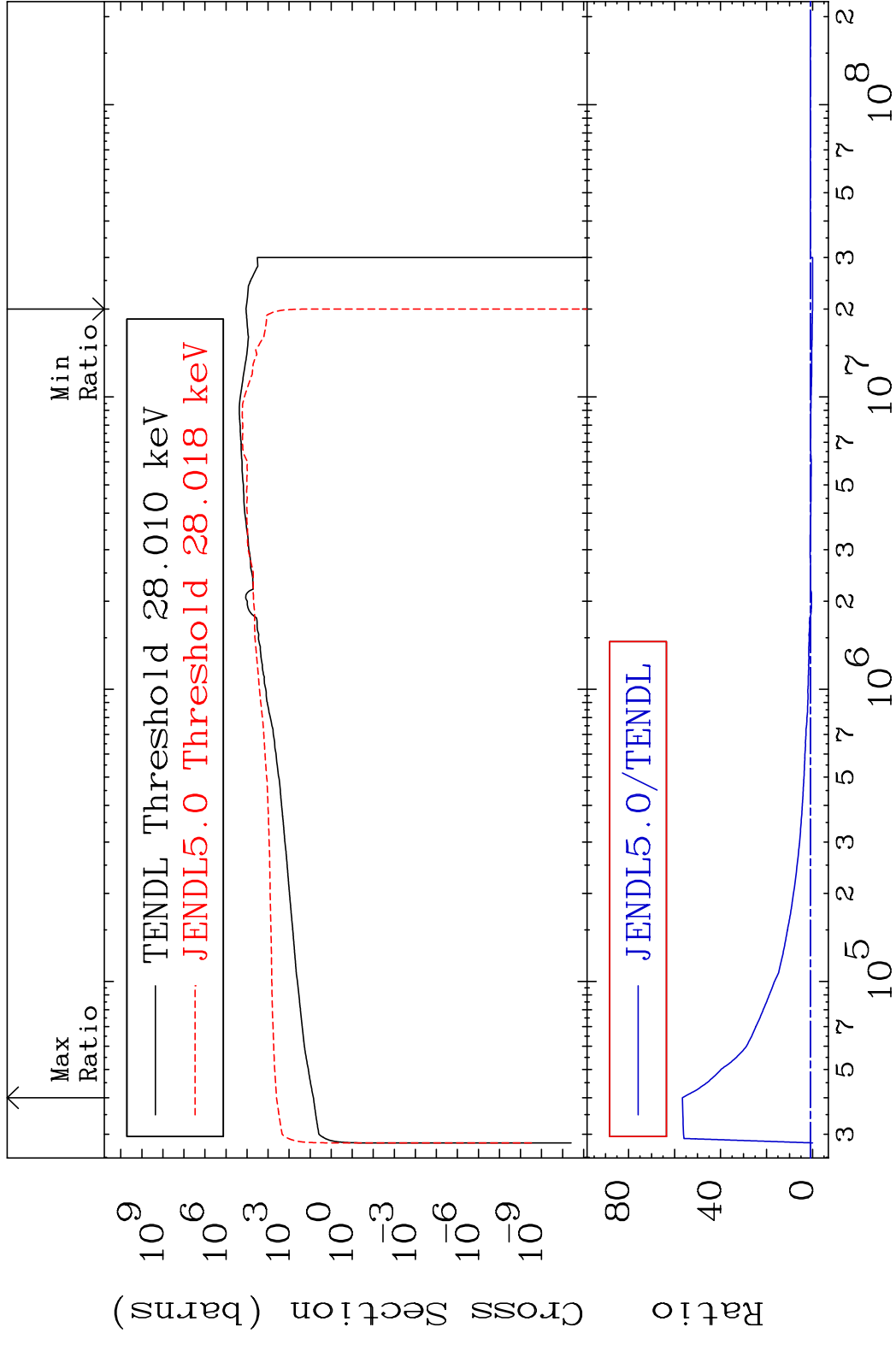
53-I -129

MAT 5331 Kerma non-elastic (all but mt2) 53-I -129  
 Cross Section -99.70 To 9999. %

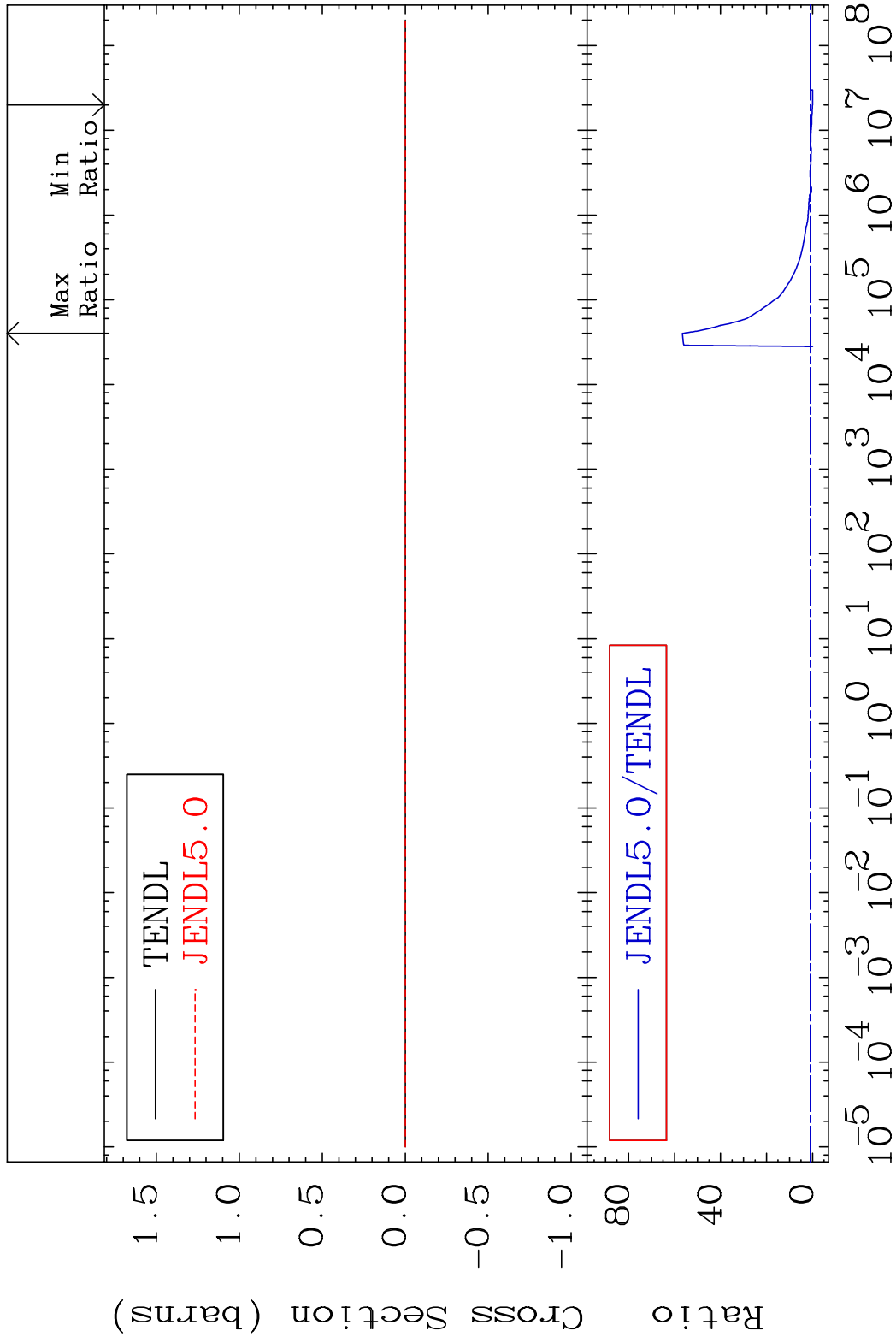


44 Incident Energy (eV) 53-I -129

MAT 5331 Kerma inelastic (mt51-91) 53-I -129  
 Cross Section -100.1 To 5560. %



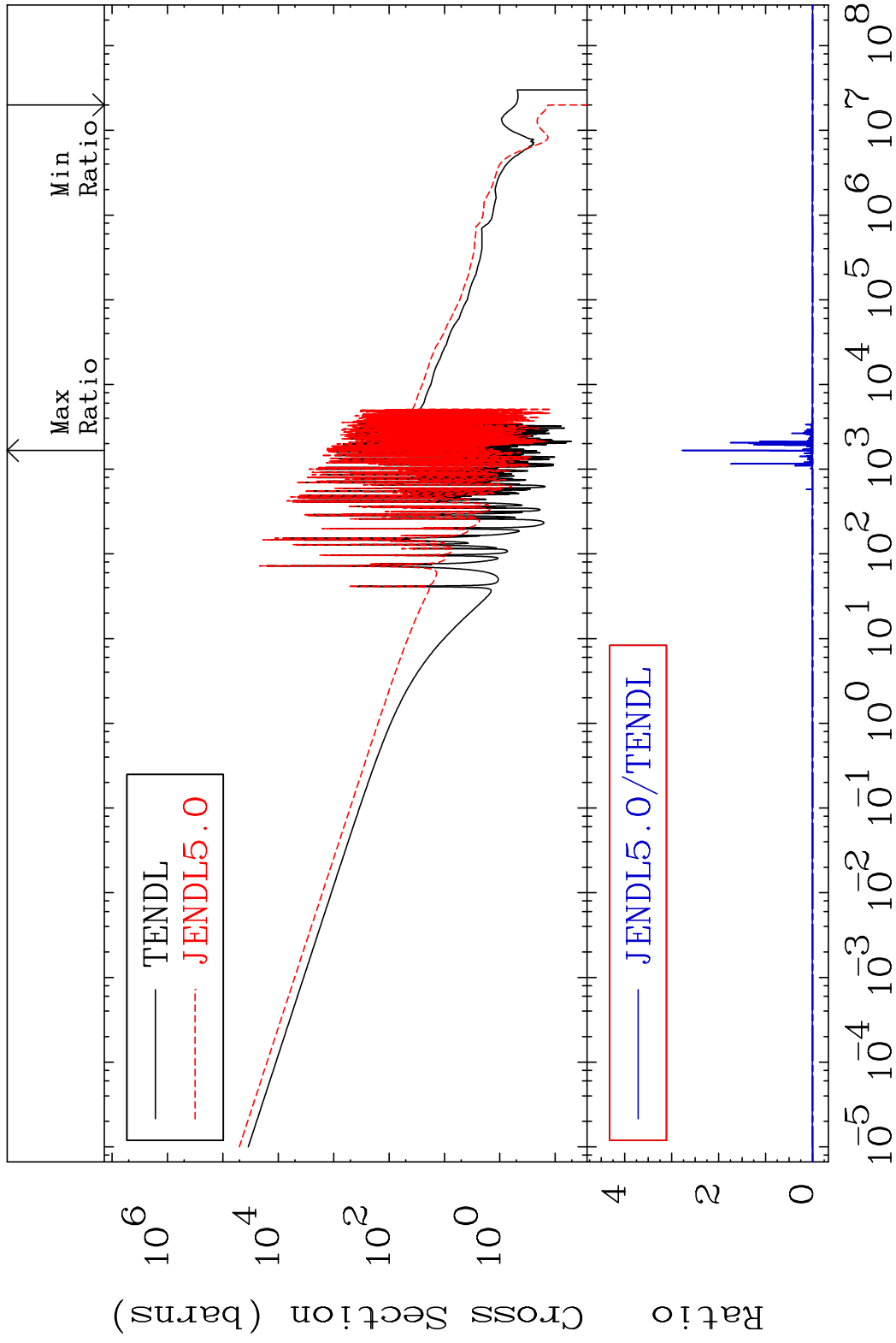
MAT 5331 Kerma fission (mt18 or mt19-20-21-38)53-I -129  
 Cross Section -100.1 To 5560. %



MAT 5331

Kerma capture (mt102) 53-I -129

Cross Section -100.0 To 9999. %

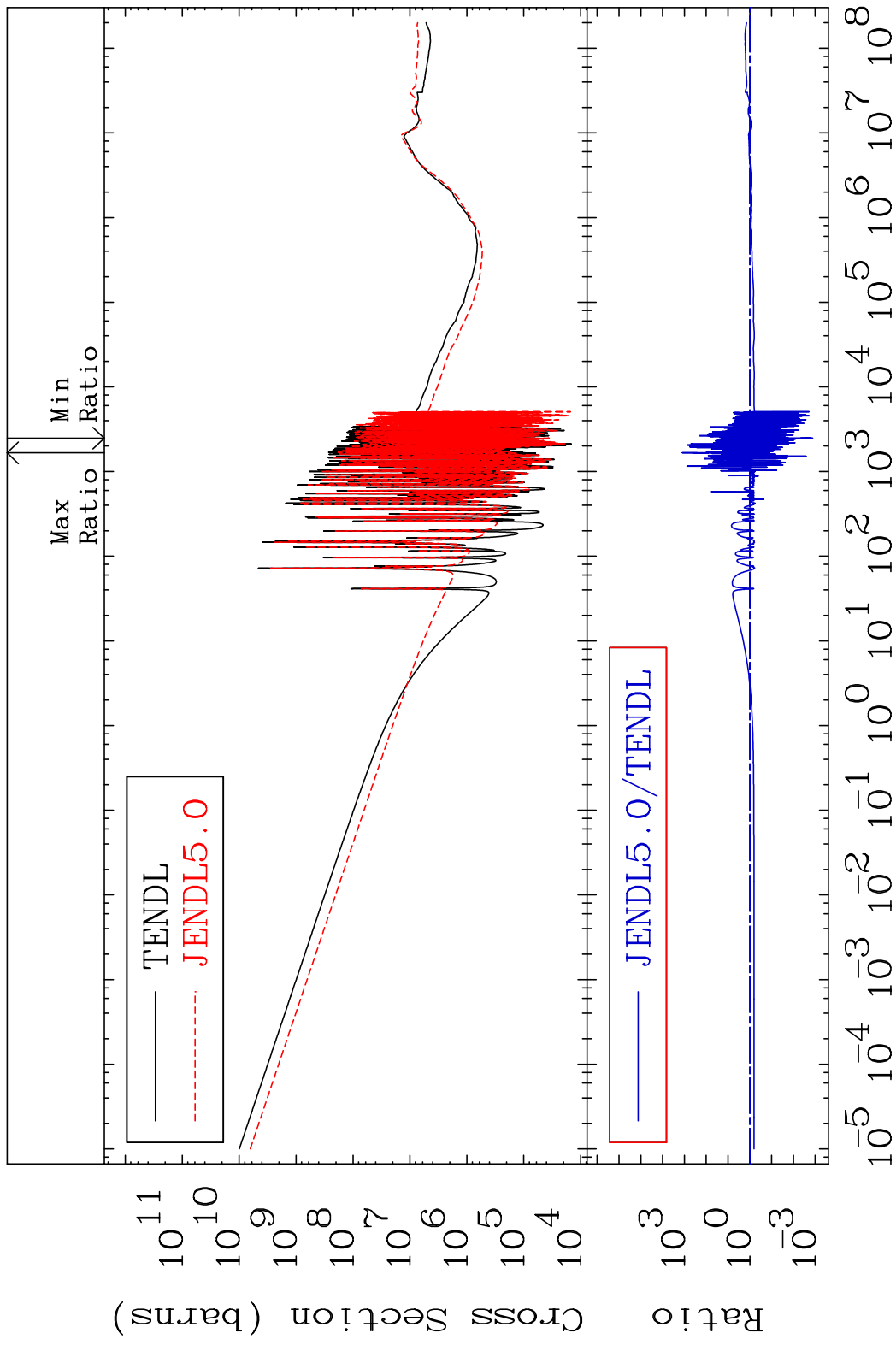


47

Incident Energy (eV)

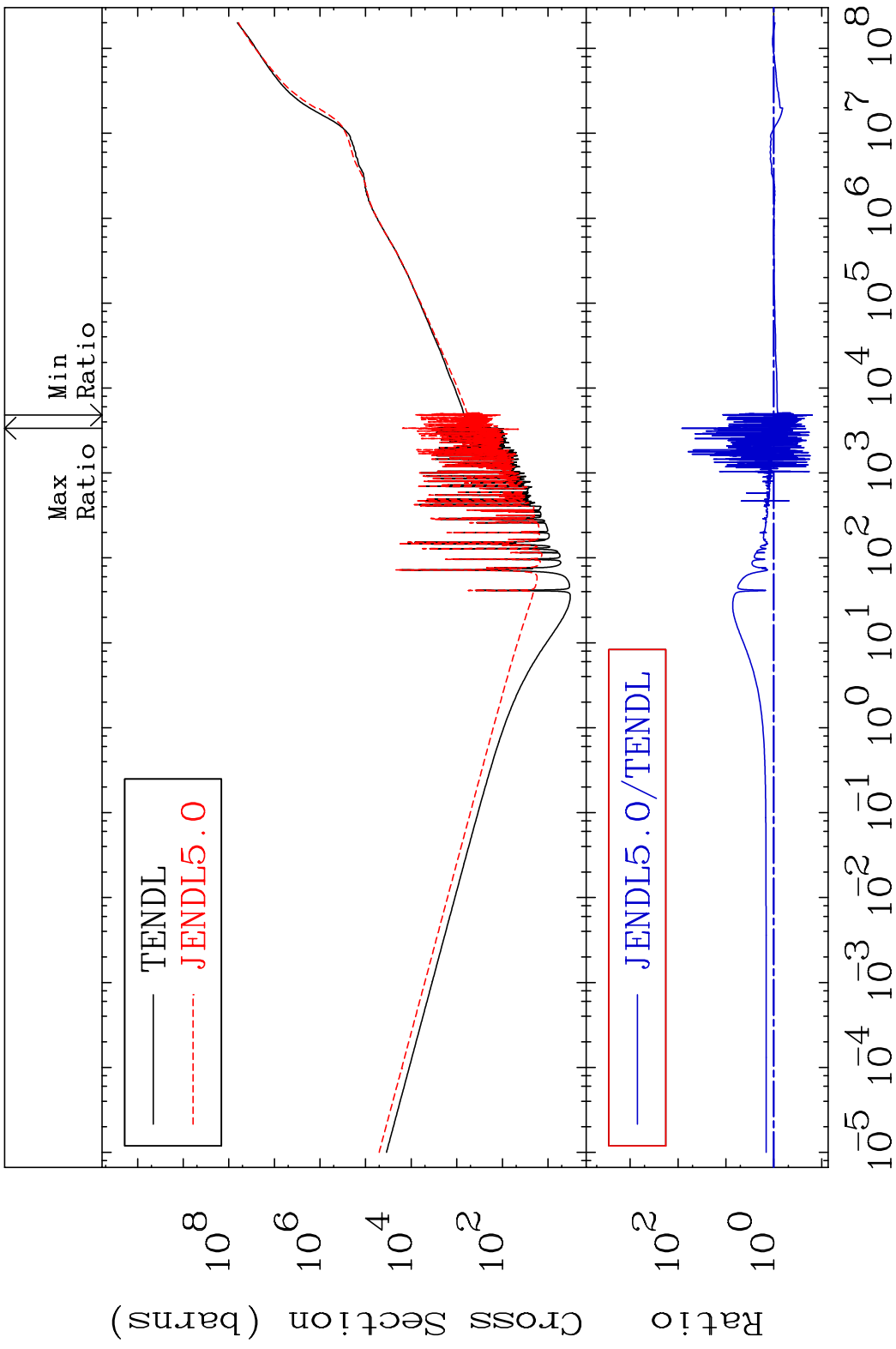
53-I -129

MAT 5331 Total photon (eV-barns) 53-I -129  
 Cross Section -99.87 To 9999. %



48 Incident Energy (eV) 53-I -129

MAT 5331 Total kinematic kerma (high limit) 53-I -129  
Cross Section -84.28 To 8265. %

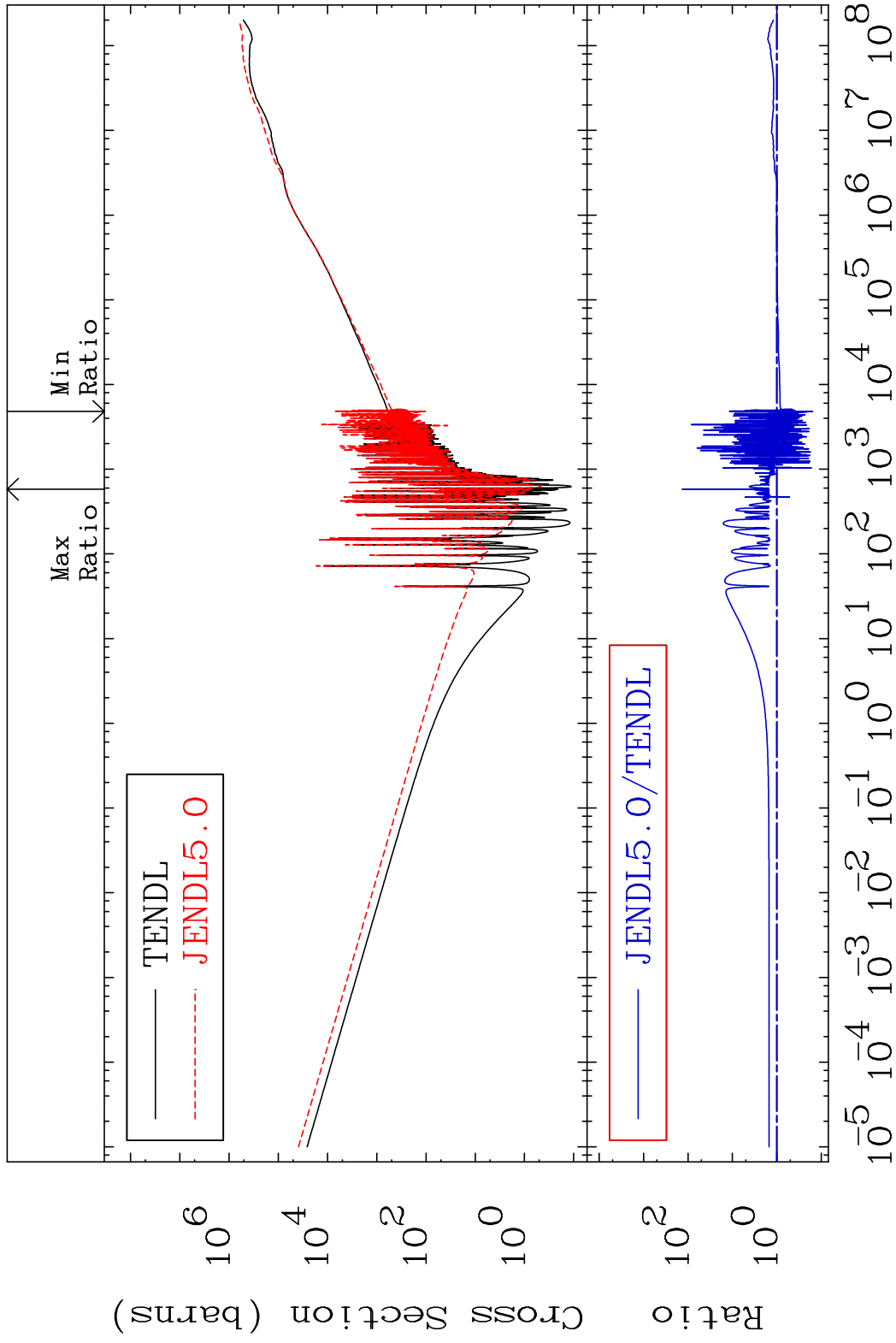


MAT 5331

Dpa total (eV-barns)

53-I -129

Cross Section -84.34 To 9999. %



50

Incident Energy (eV)

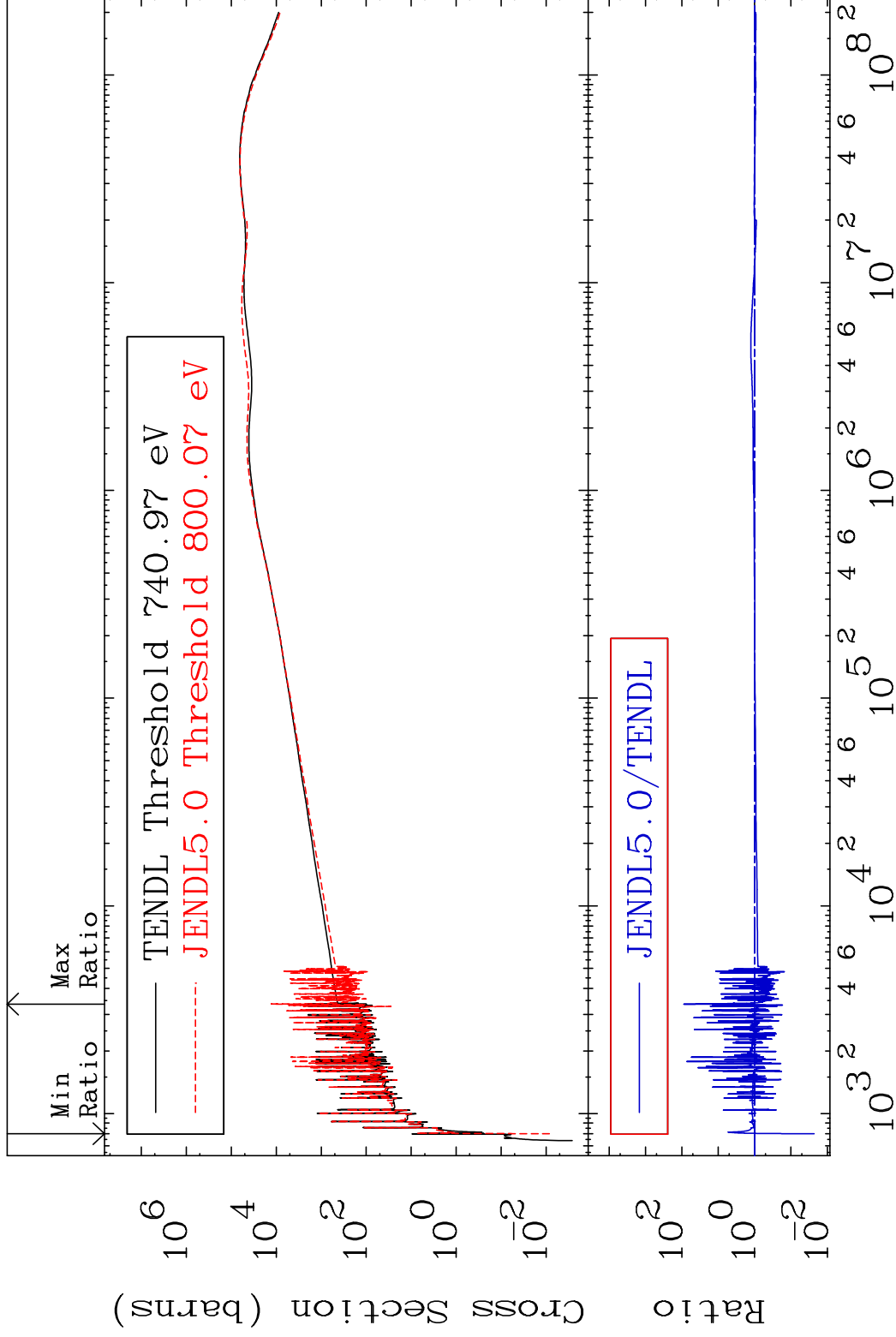
53-I -129

MAT 5331

Dpa elastic (mt2)

53-I -129

Cross Section -97.69 To 8856. %

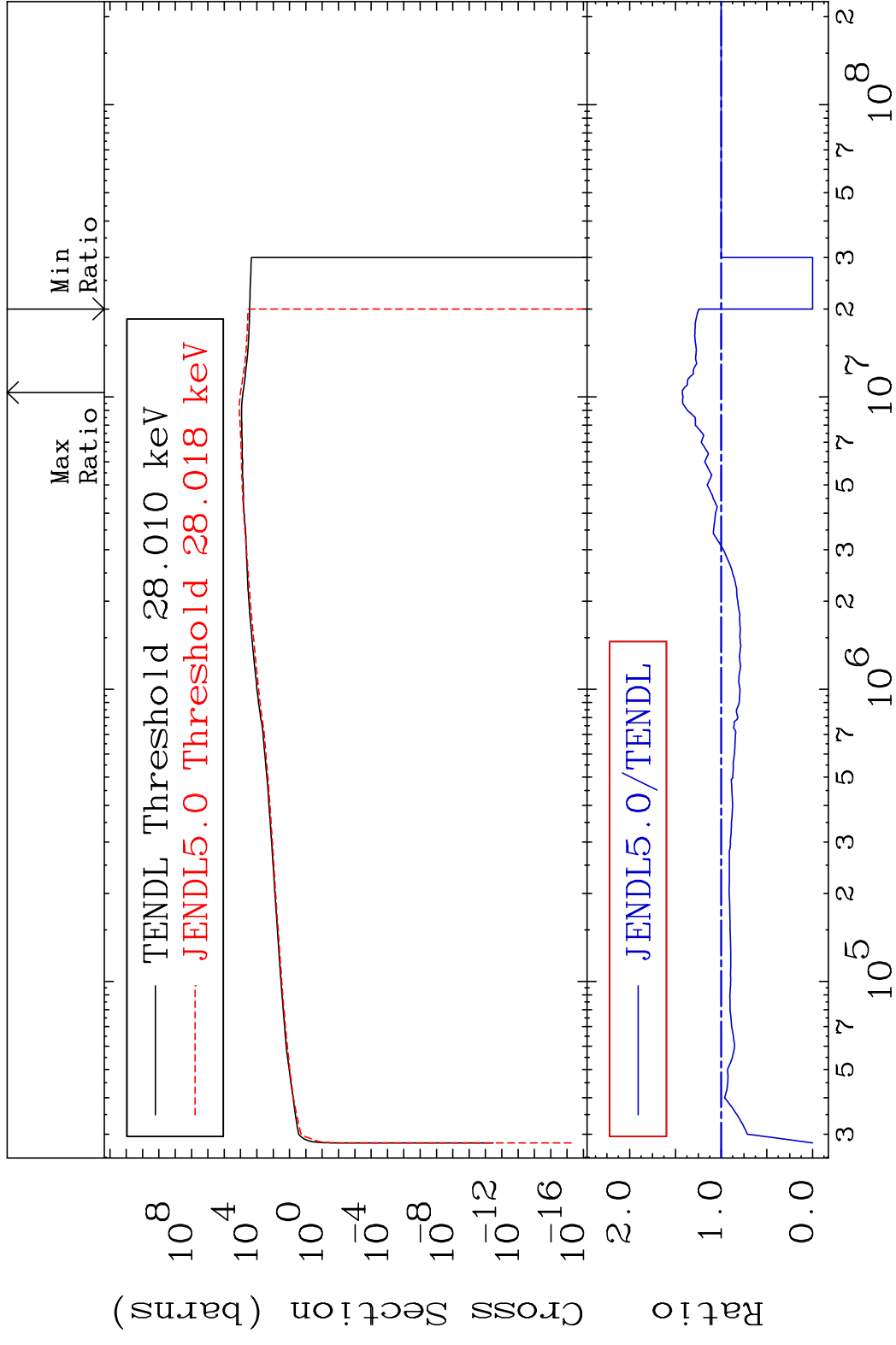


51

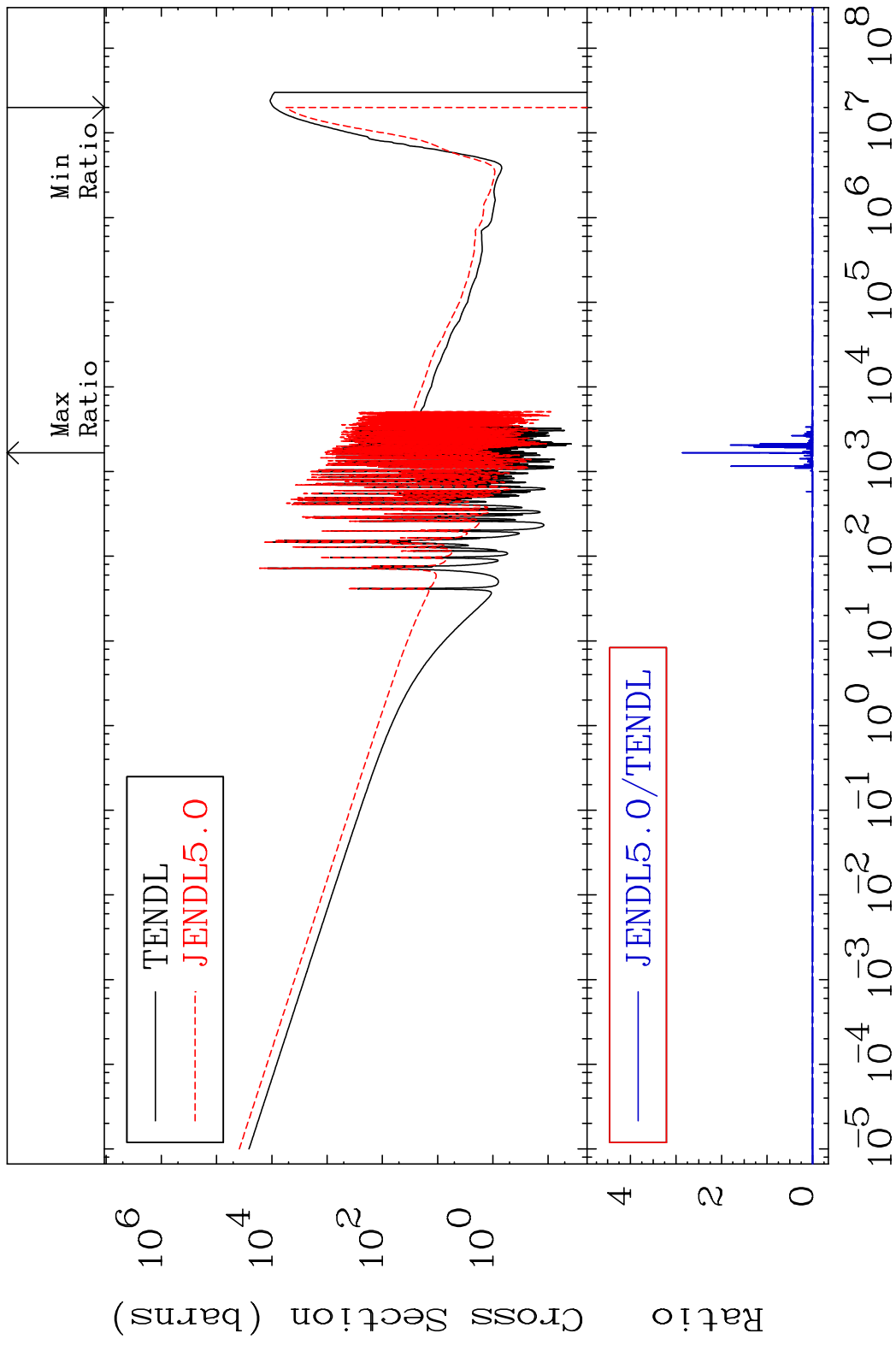
Incident Energy (eV)

53-I -129

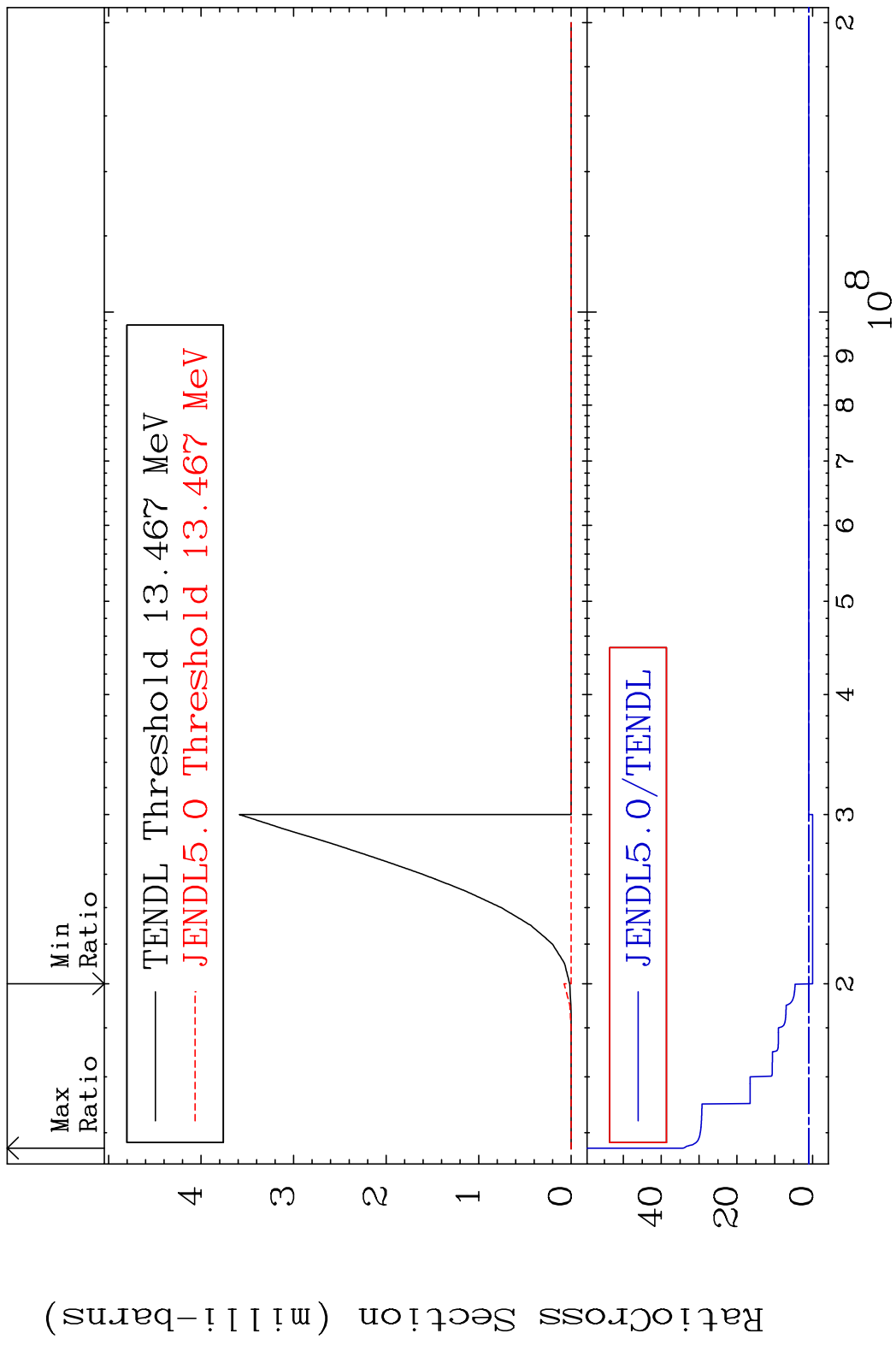
MAT 5331 Dpa inelastic (mt51-91) 53-I -129  
 Cross Section -100.0 To 42.44 %

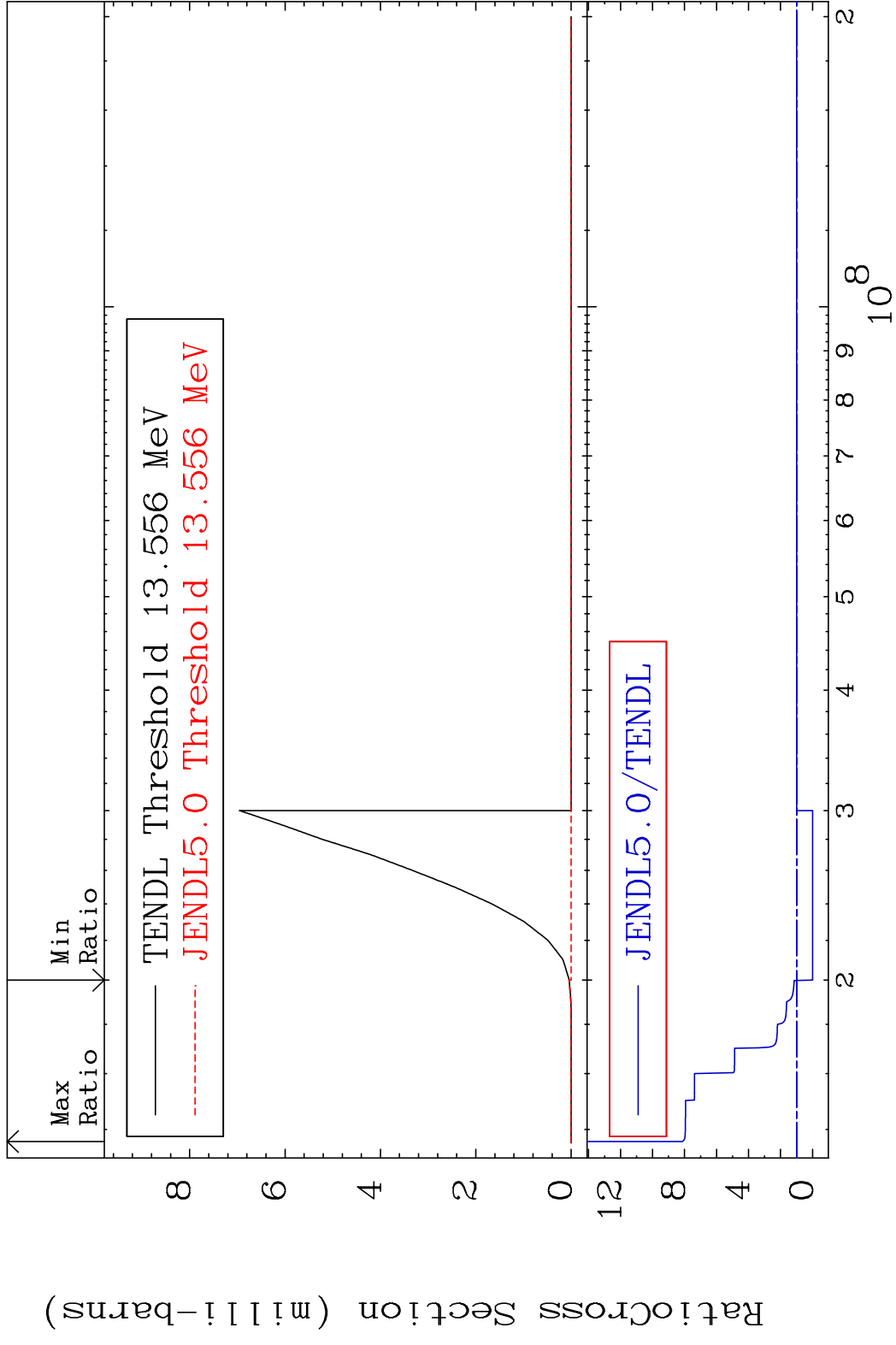


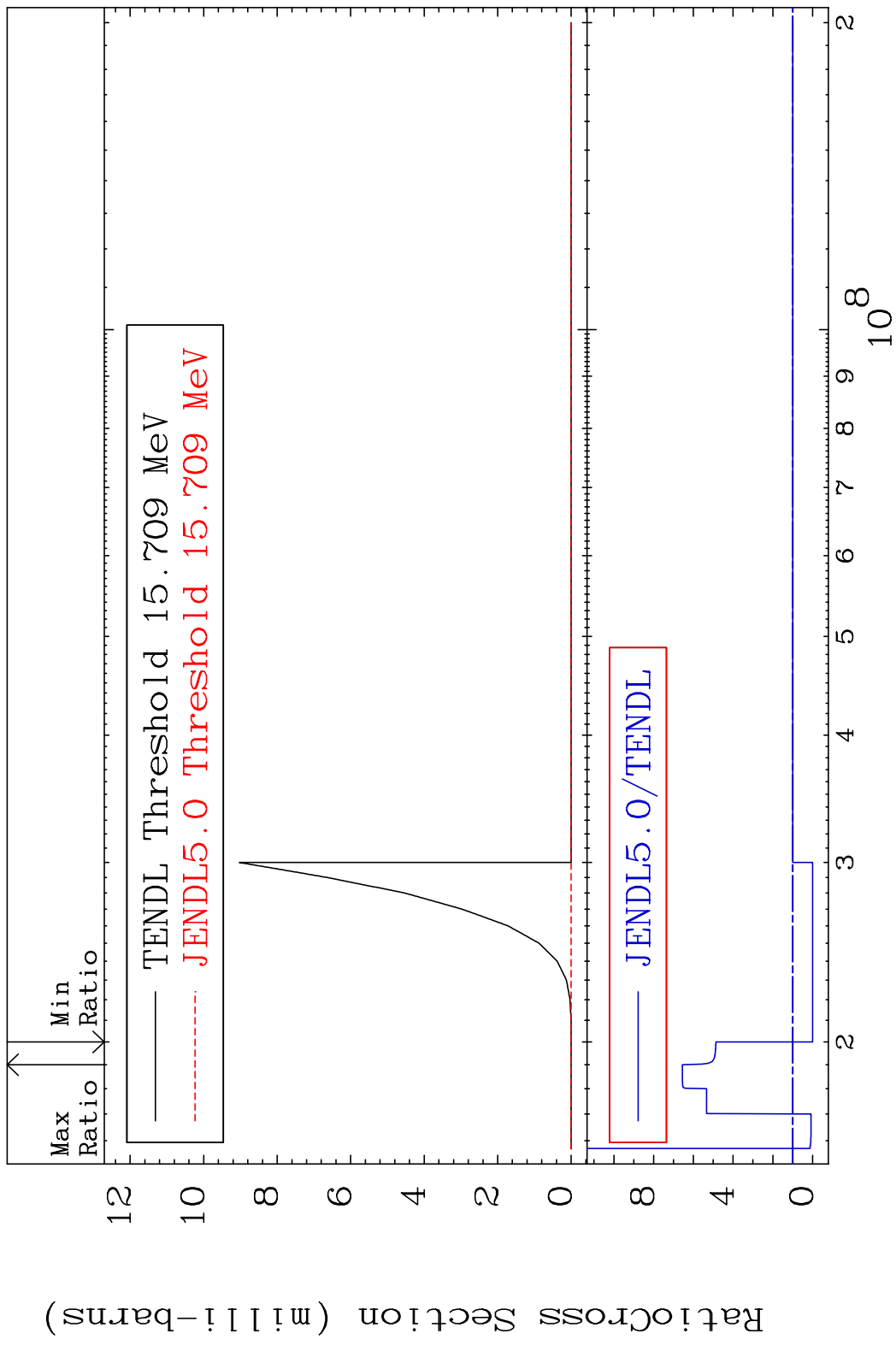
MAT 5331 Dpa disappearance (mt102 -120) 53-I -129  
 Cross Section -100.0 To 9999. %

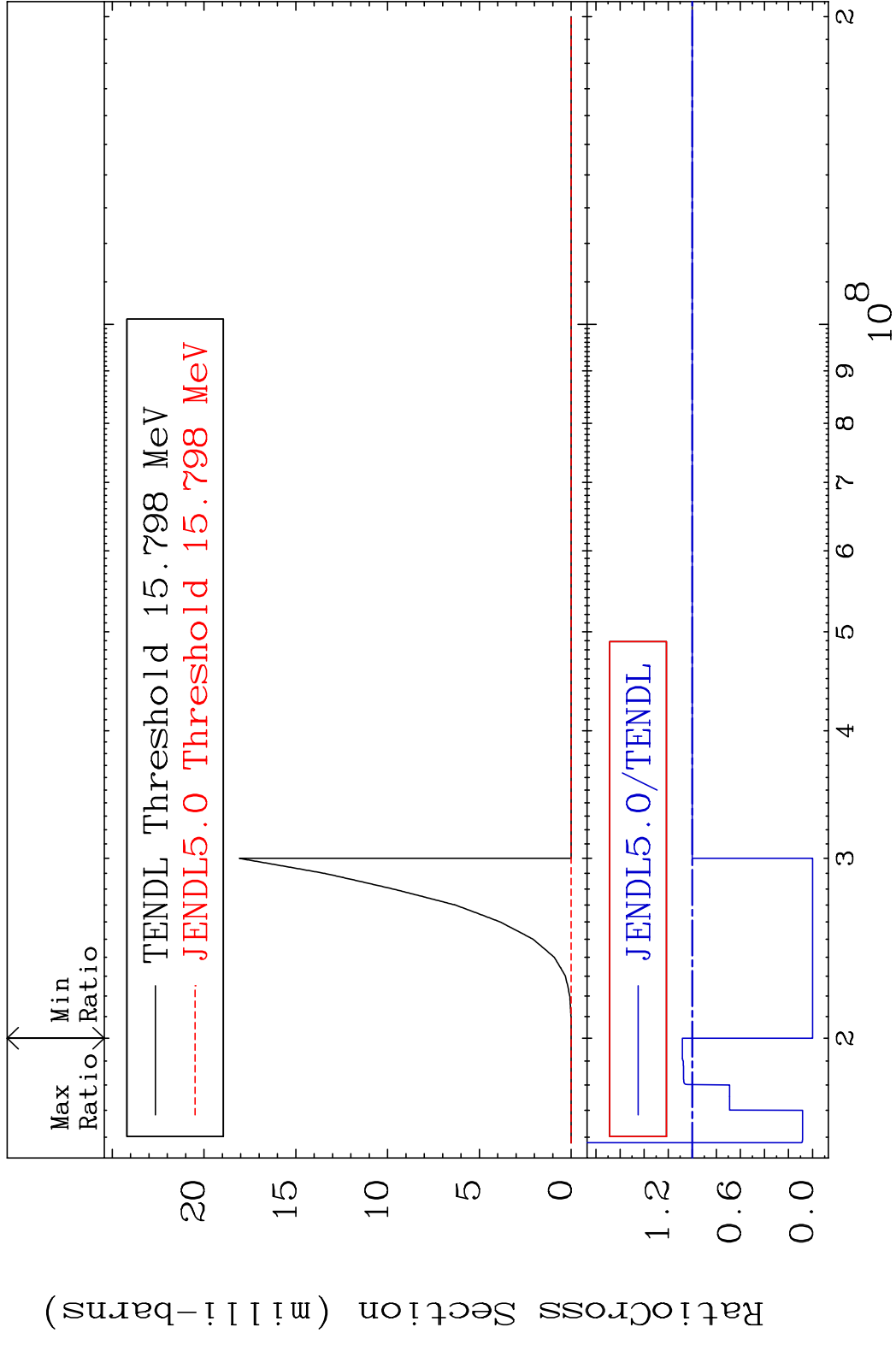


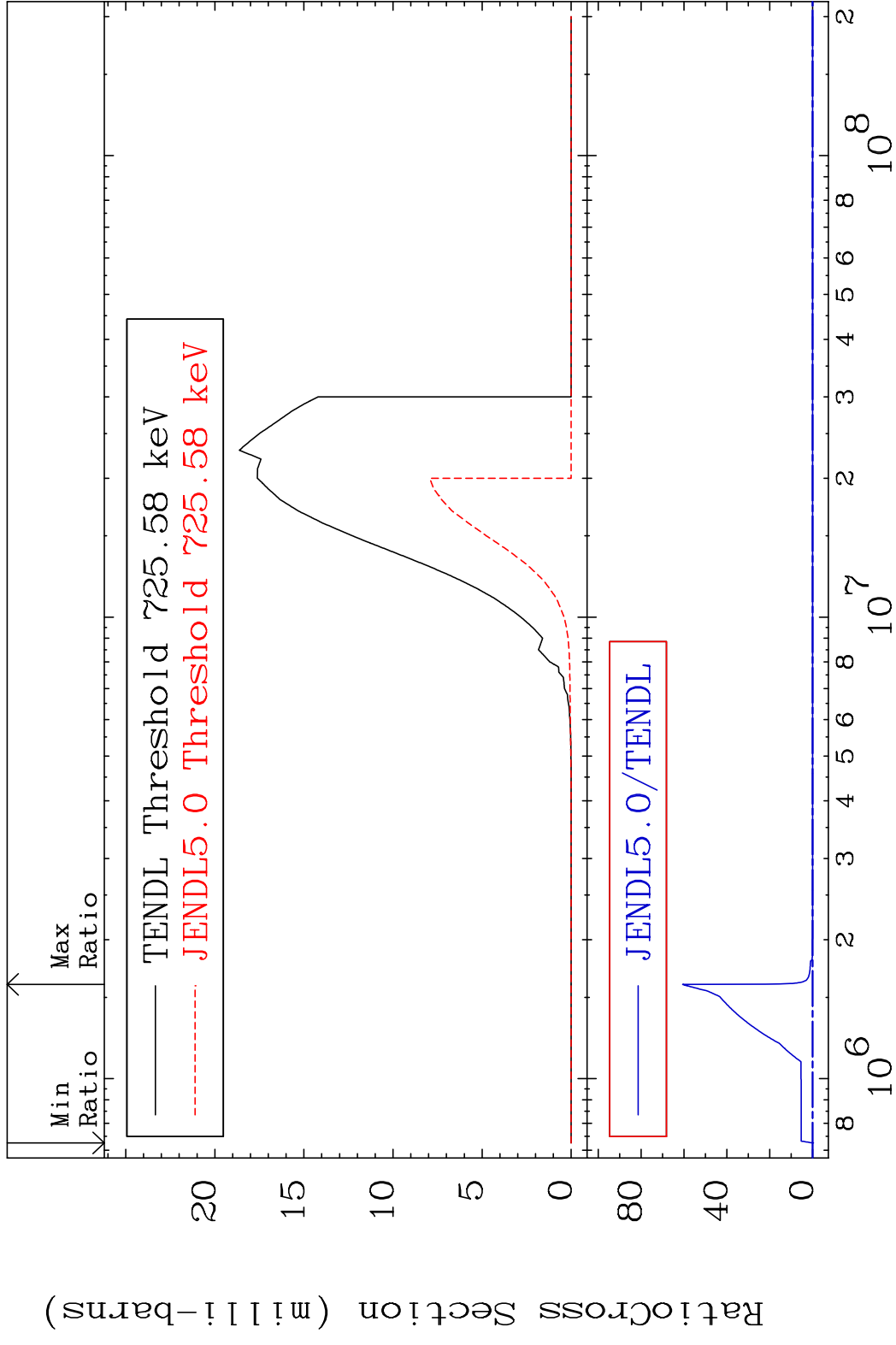
53 Incident Energy (eV) 53-I -129

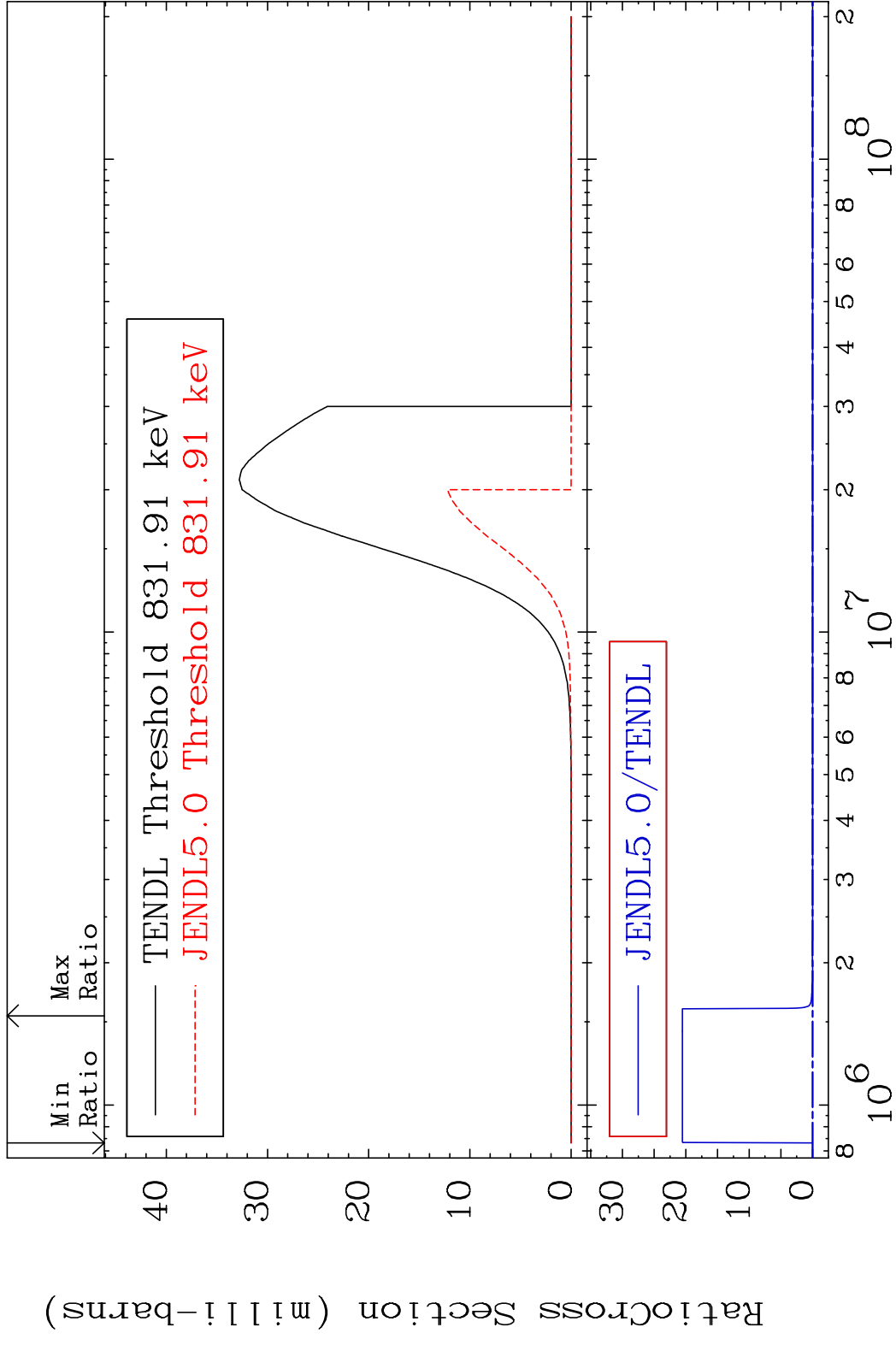




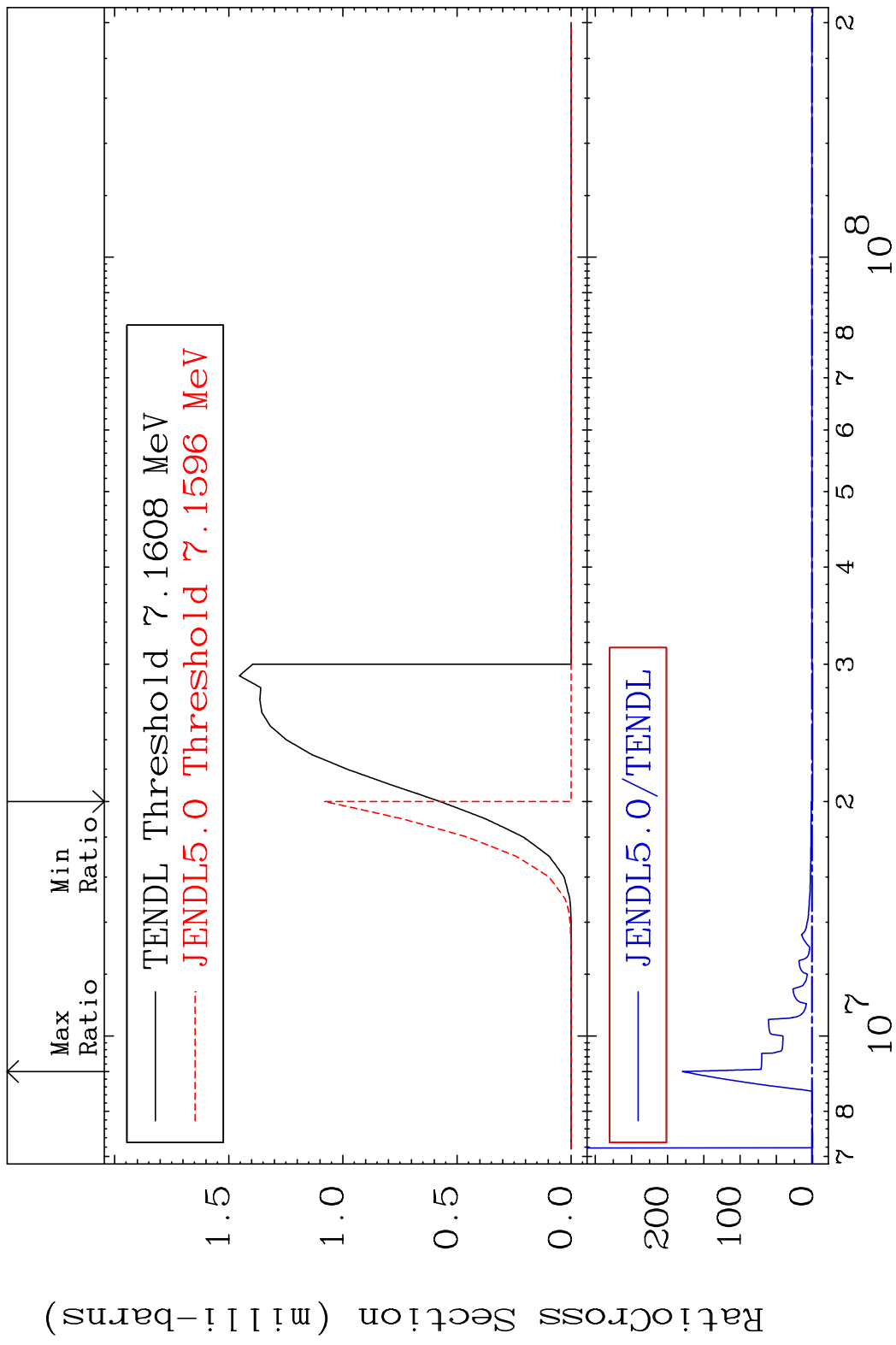








MAT 5331 (n,t):52-Te-127g 53-I -129  
 Radionuclide Production Cross Section Ratio 9999. %



60 Incident Energy (eV) 53-I -129

