

Program Complot  
(Version 2021-1)

by

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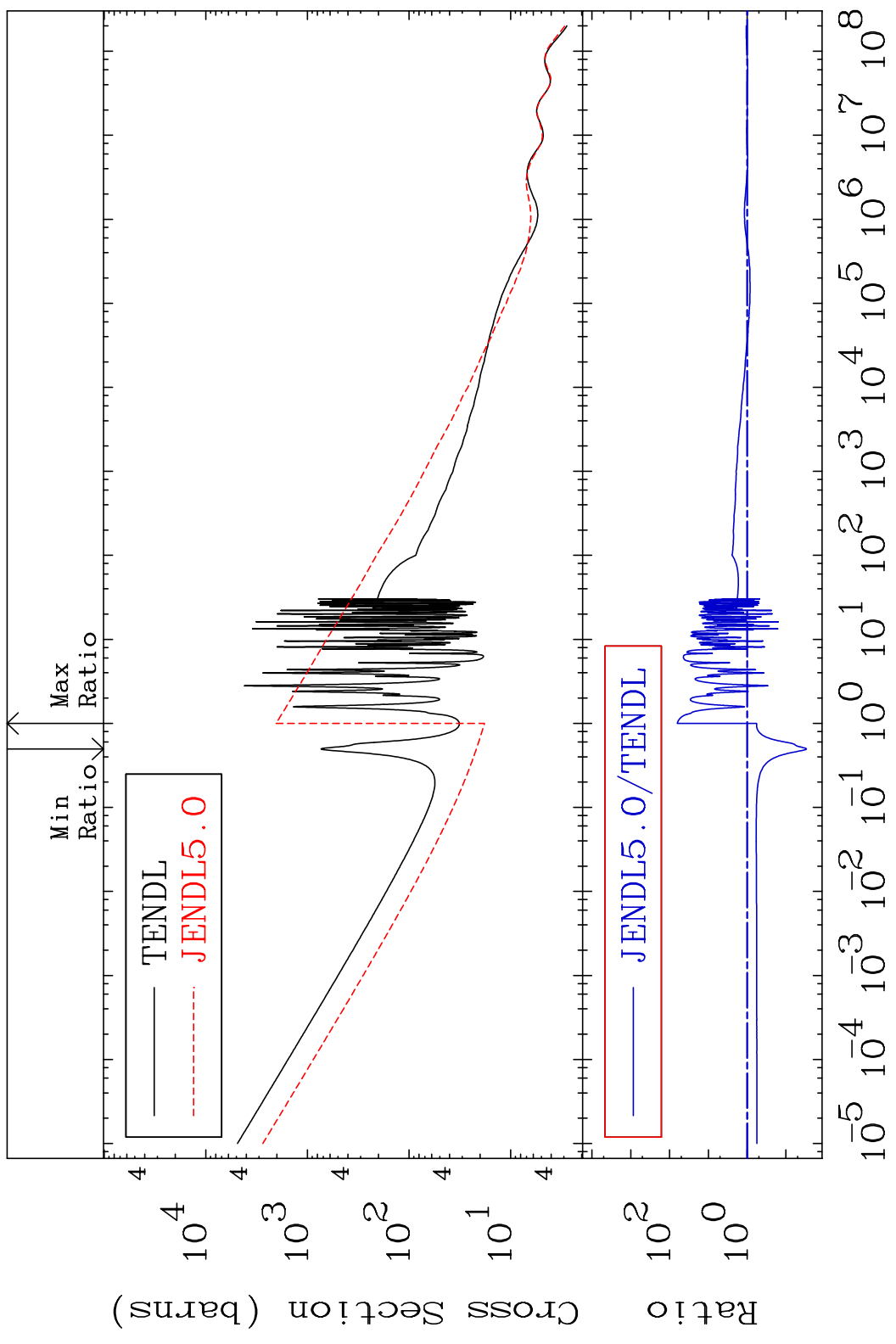
Press Mouse Button to Start

MAT 7716

Total

77-Ir-188

Cross Section -97.03 To 6263. %



1

Incident Energy (eV)

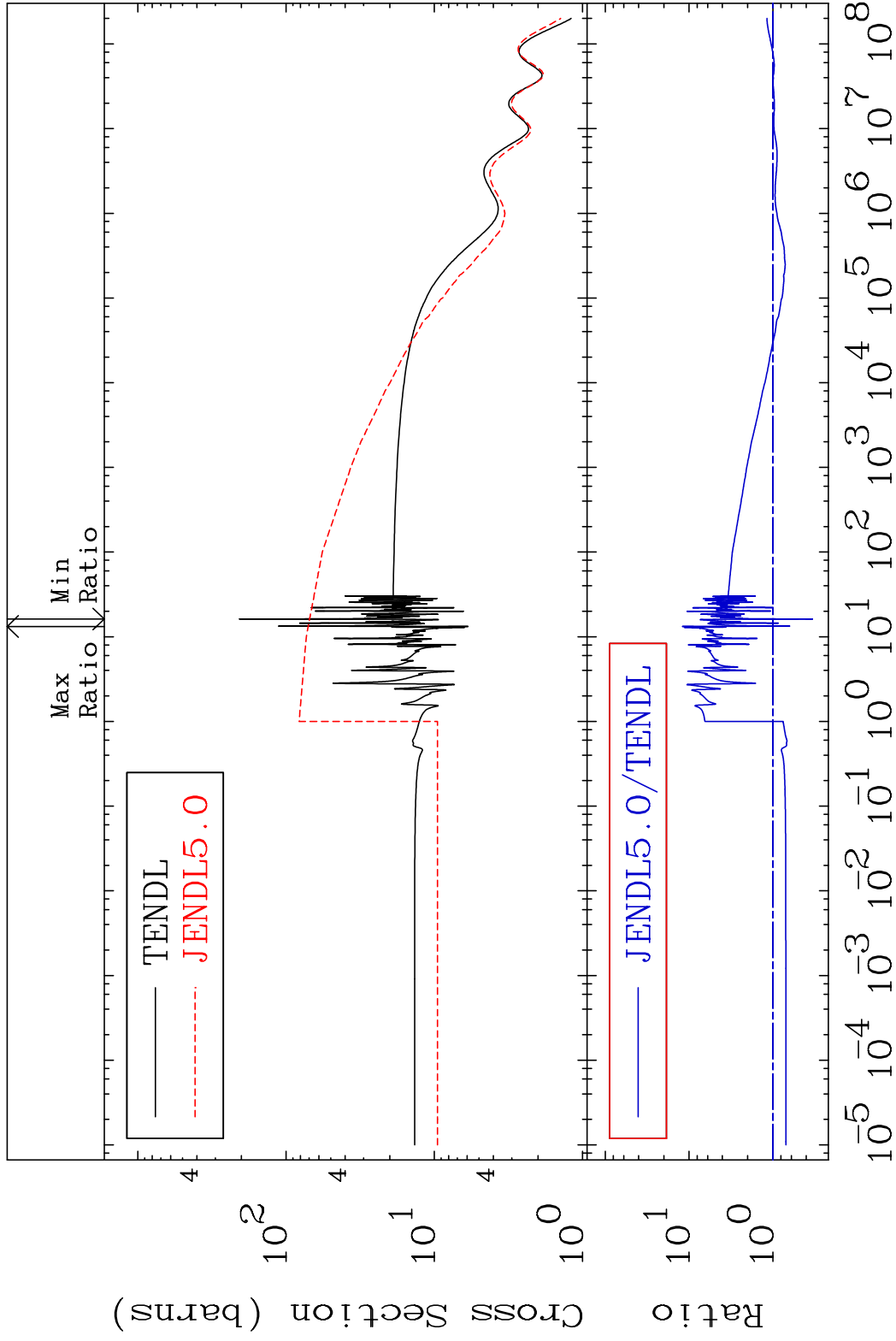
77-Ir-188

MAT 7716

Elastic

77-Ir-188

Cross Section -66.44 To 1102. %

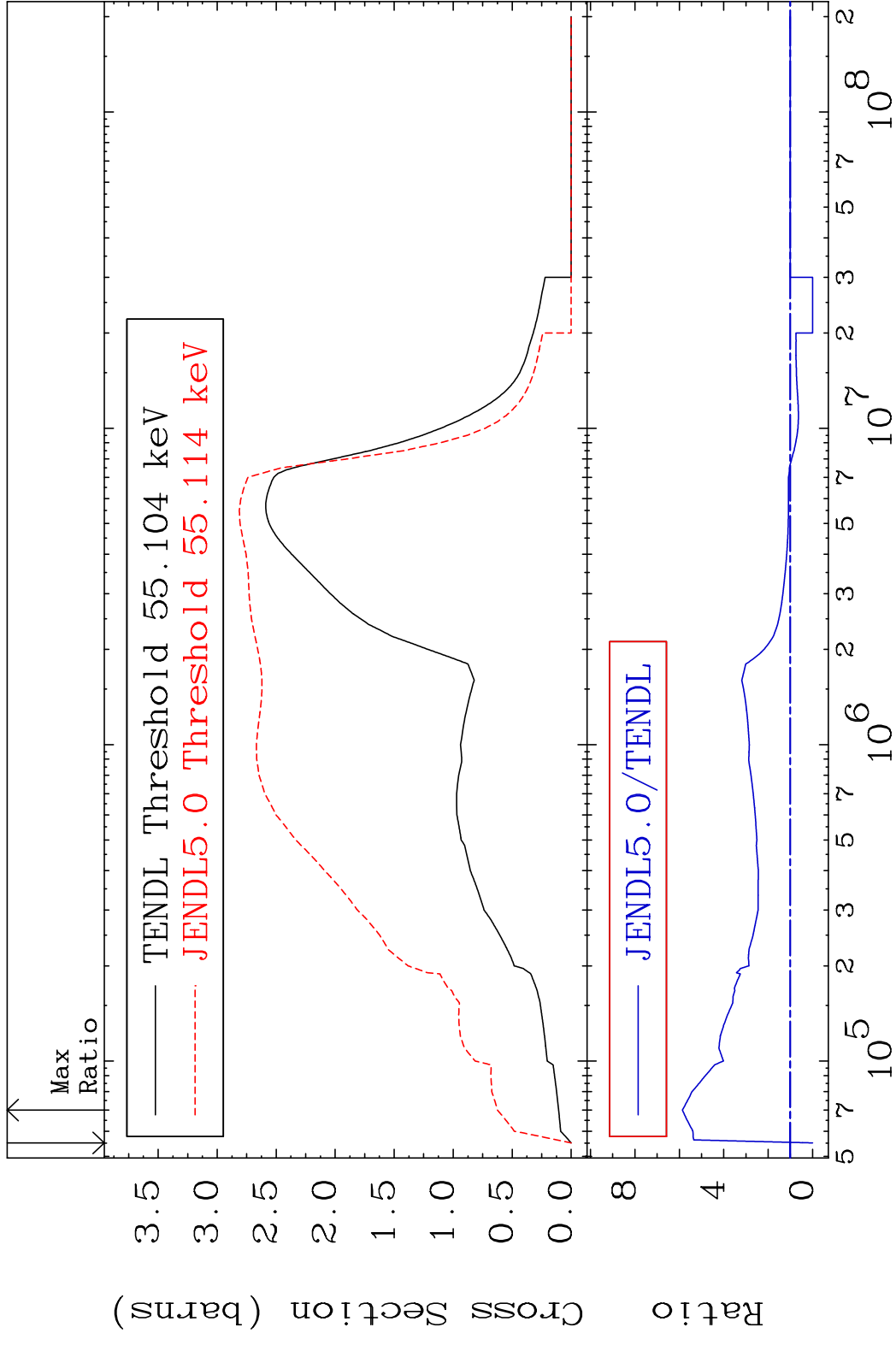


2

Incident Energy (eV)

77-Ir-188

MAT 7716 Inelastic 77-Ir-188  
 Cross Section -100.0 To 486.3 %



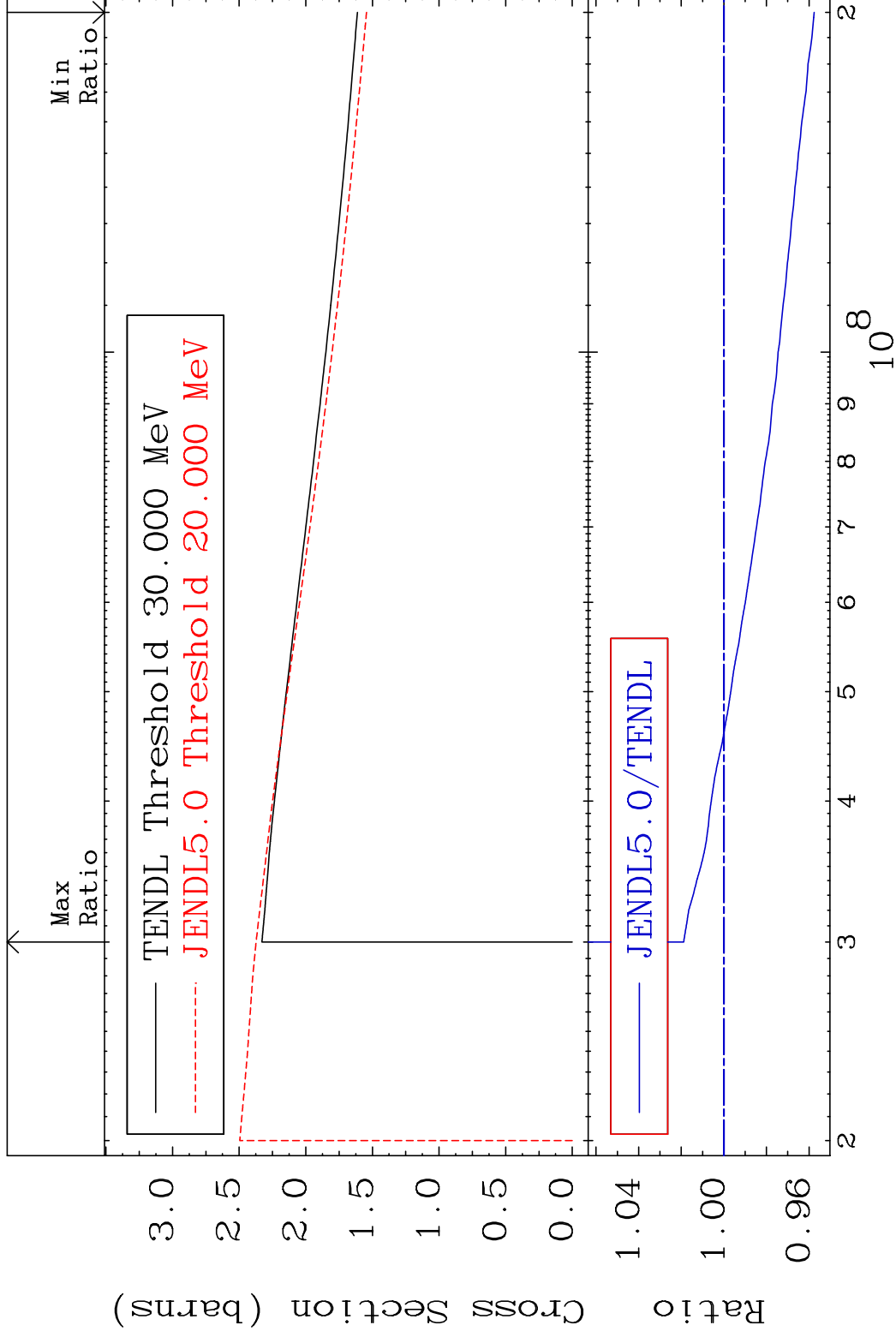
3 Incident Energy (eV) 77-Ir-188

MAT 7716

(n, remainder)

77-Ir-188

Cross Section -4.237 To 1.887 %



4

Incident Energy (eV)

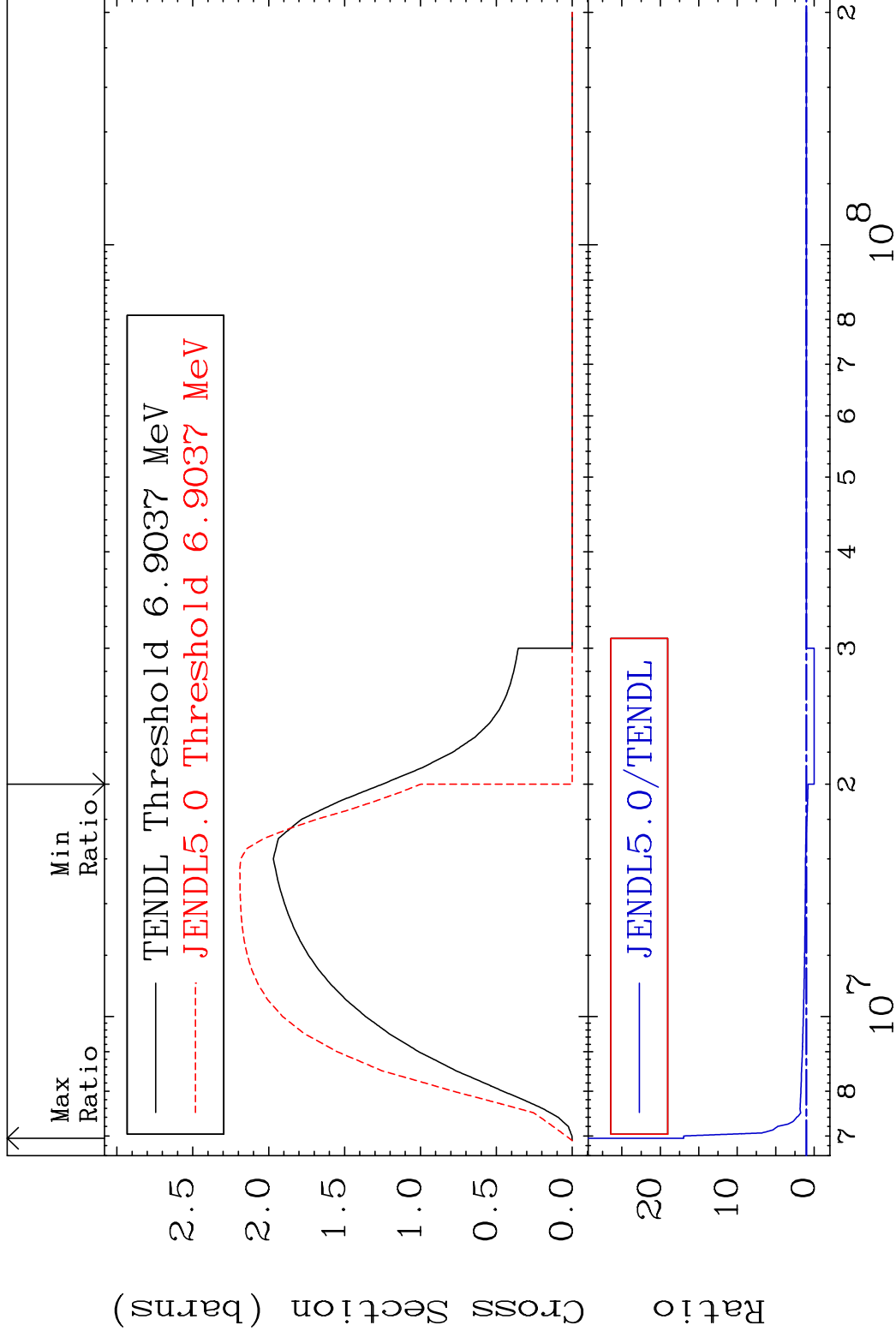
77-Ir-188

MAT 7716

(n,2n)

77-Ir-188

Cross Section -100.0 To 1596. %



5

Incident Energy (eV)

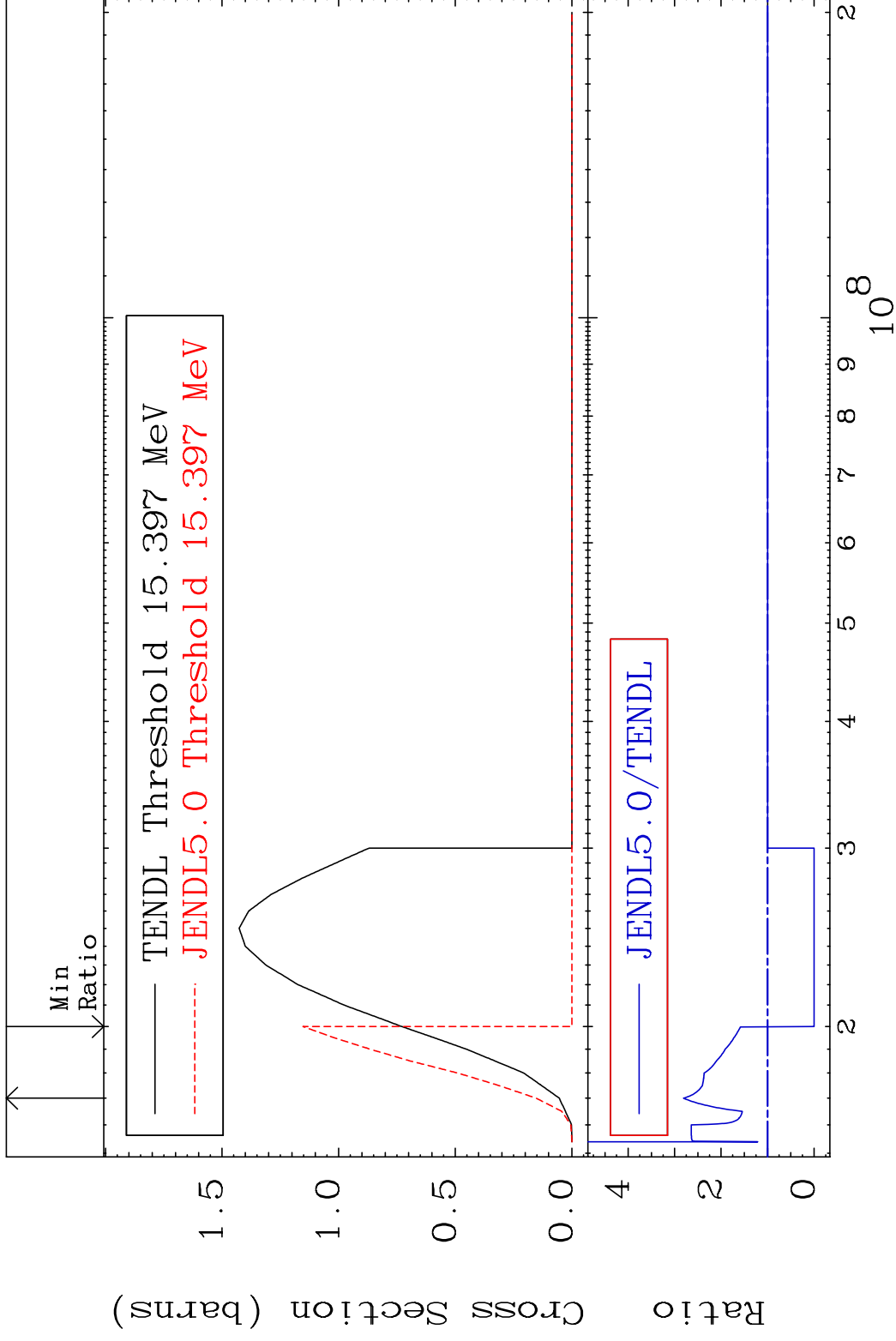
77-Ir-188

MAT 7716

(n,3n)

77-Ir-188

Cross Section -100.0 To 181.0 %



6

Incident Energy (eV)

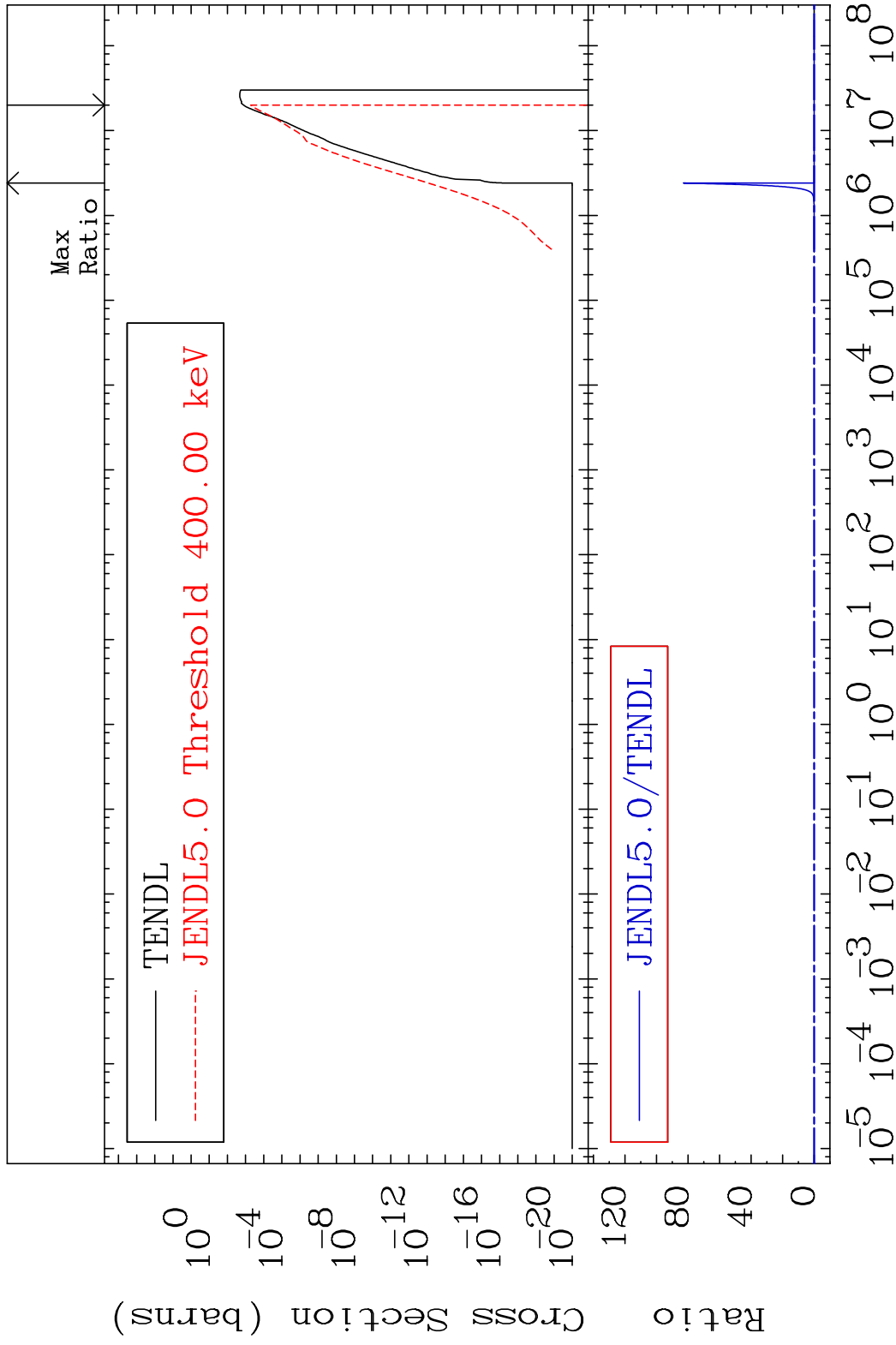
77-Ir-188

MAT 7716

(n, n')  $\alpha$

77-Ir-188

Cross Section -100.0 To 9999. %



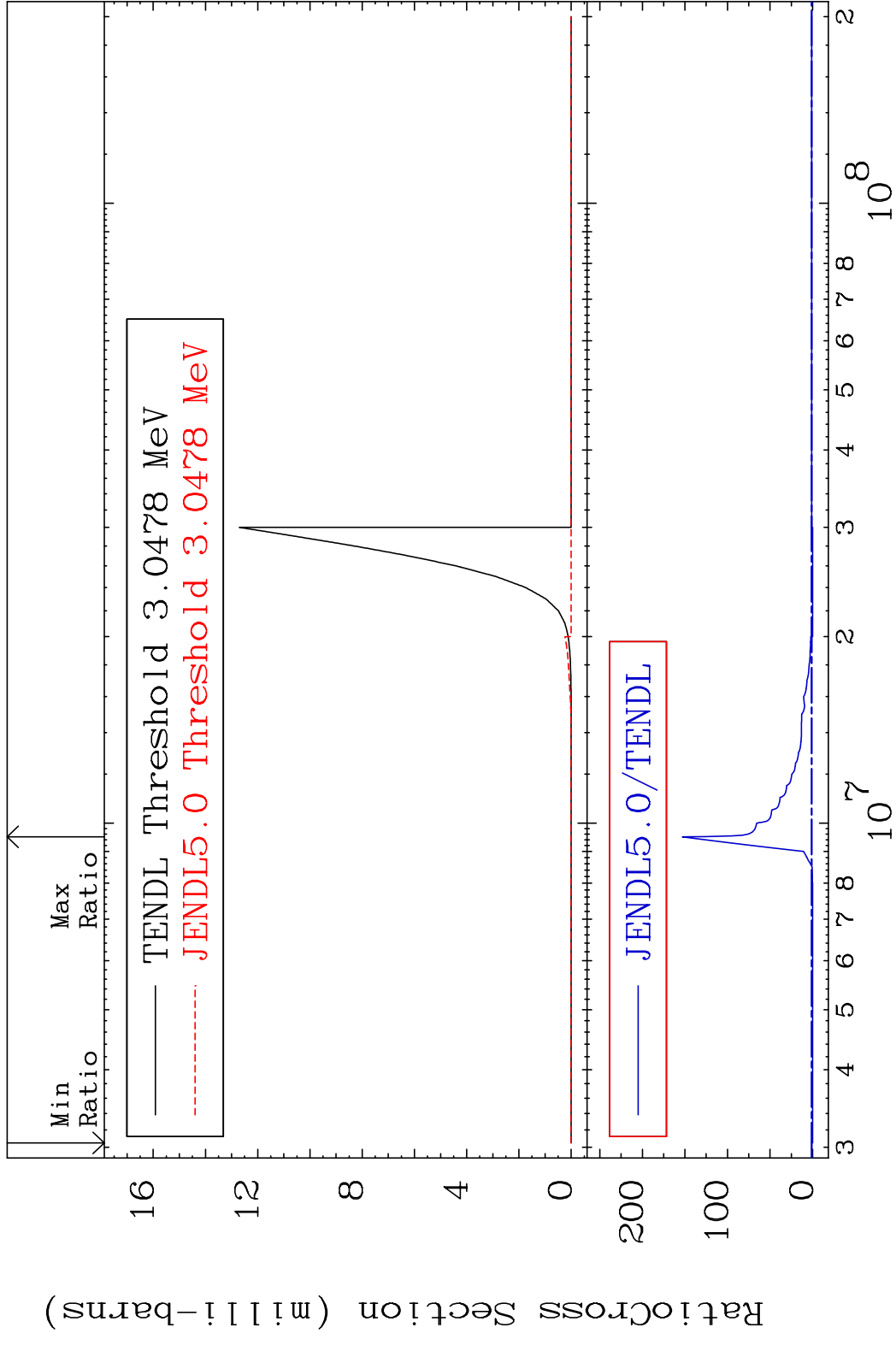
7

Incident Energy (eV)

77-Ir-188

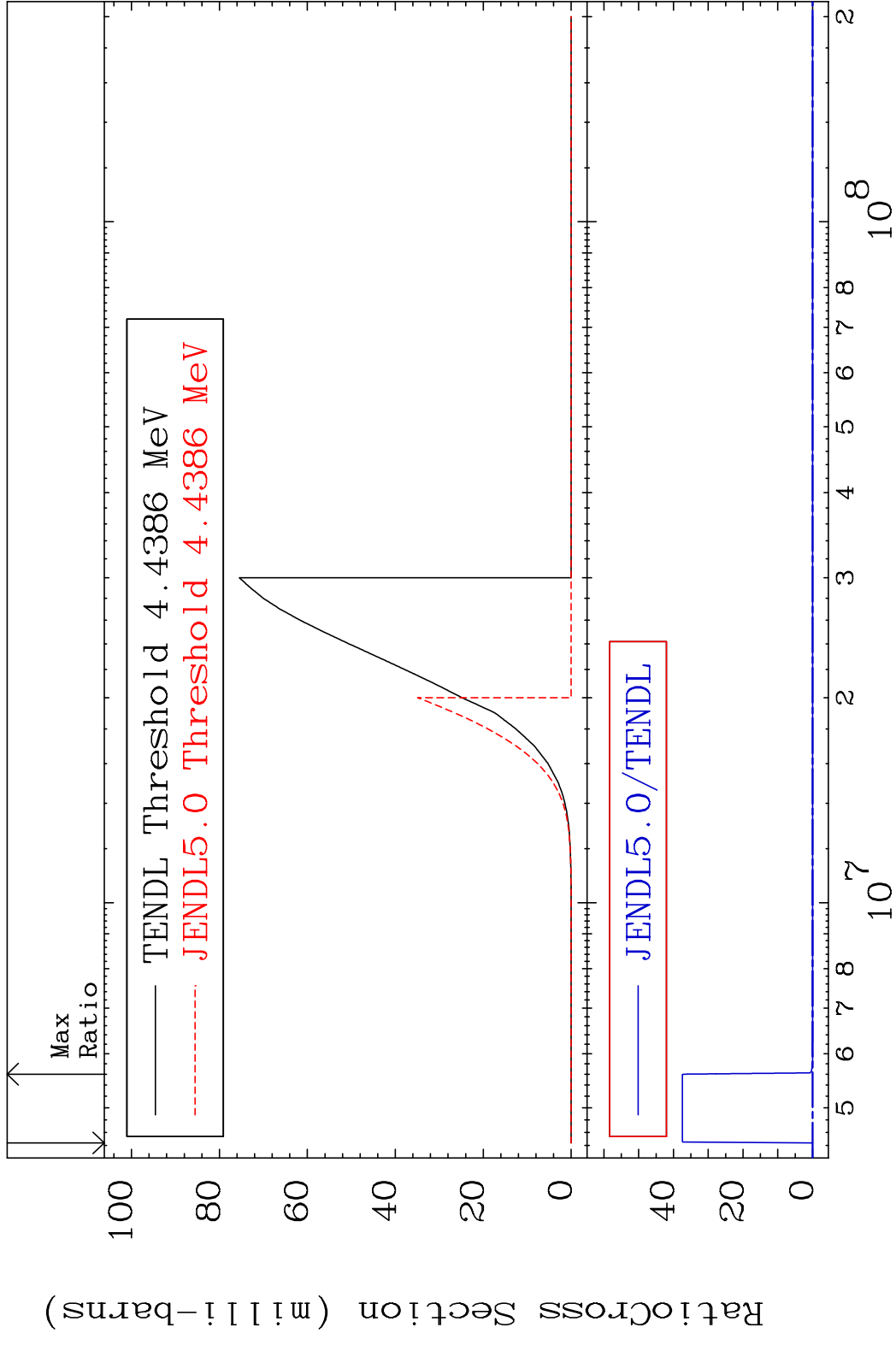


MAT 7716 (n,2n)  $\alpha$  77-Ir-188  
 Cross Section -100.0 To 9999. %

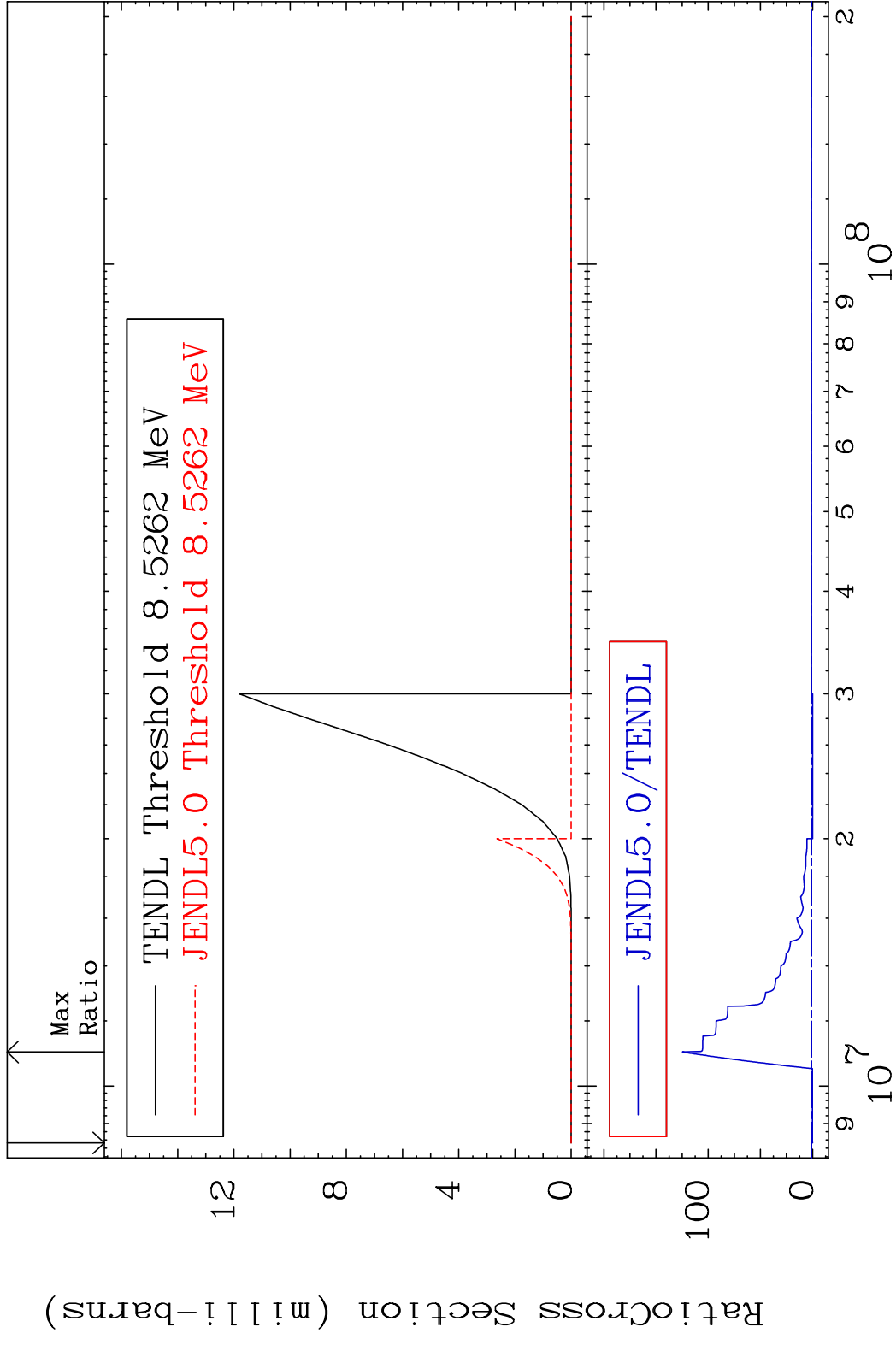


8 Incident Energy (eV) 77-Ir-188

MAT 7716 (n, n') p 77-Ir-188  
 Cross Section -100.0 To 9999. %



MAT 7716 (n, n') d 77-Ir-188  
 Cross Section -100.0 To 9999. %



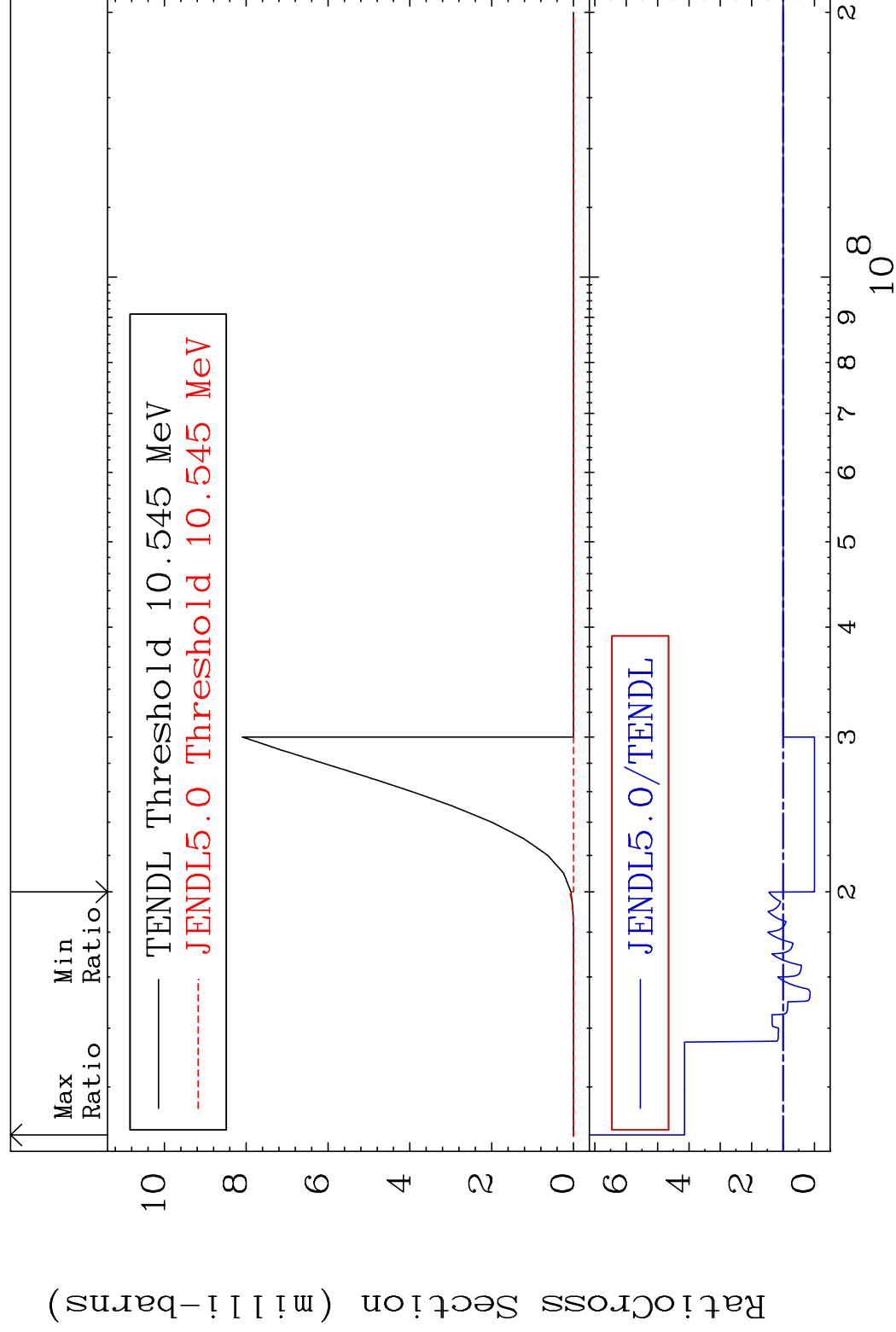
10 9 8 7 6 5 4 3 2 10 9 8 7 6 5 4 3 2 77-Ir-188

MAT 7716

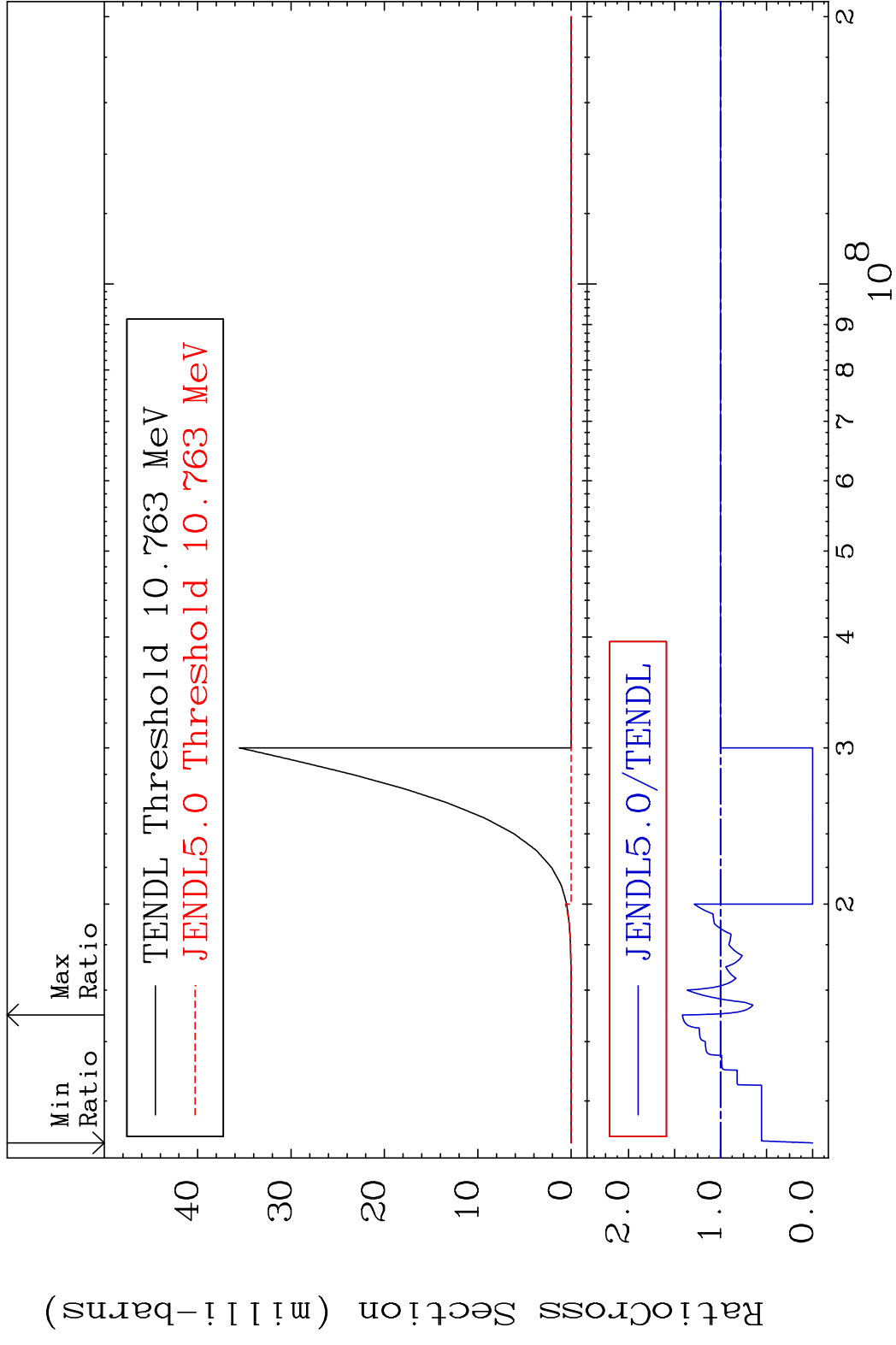
(n, n') t

77-Ir-188

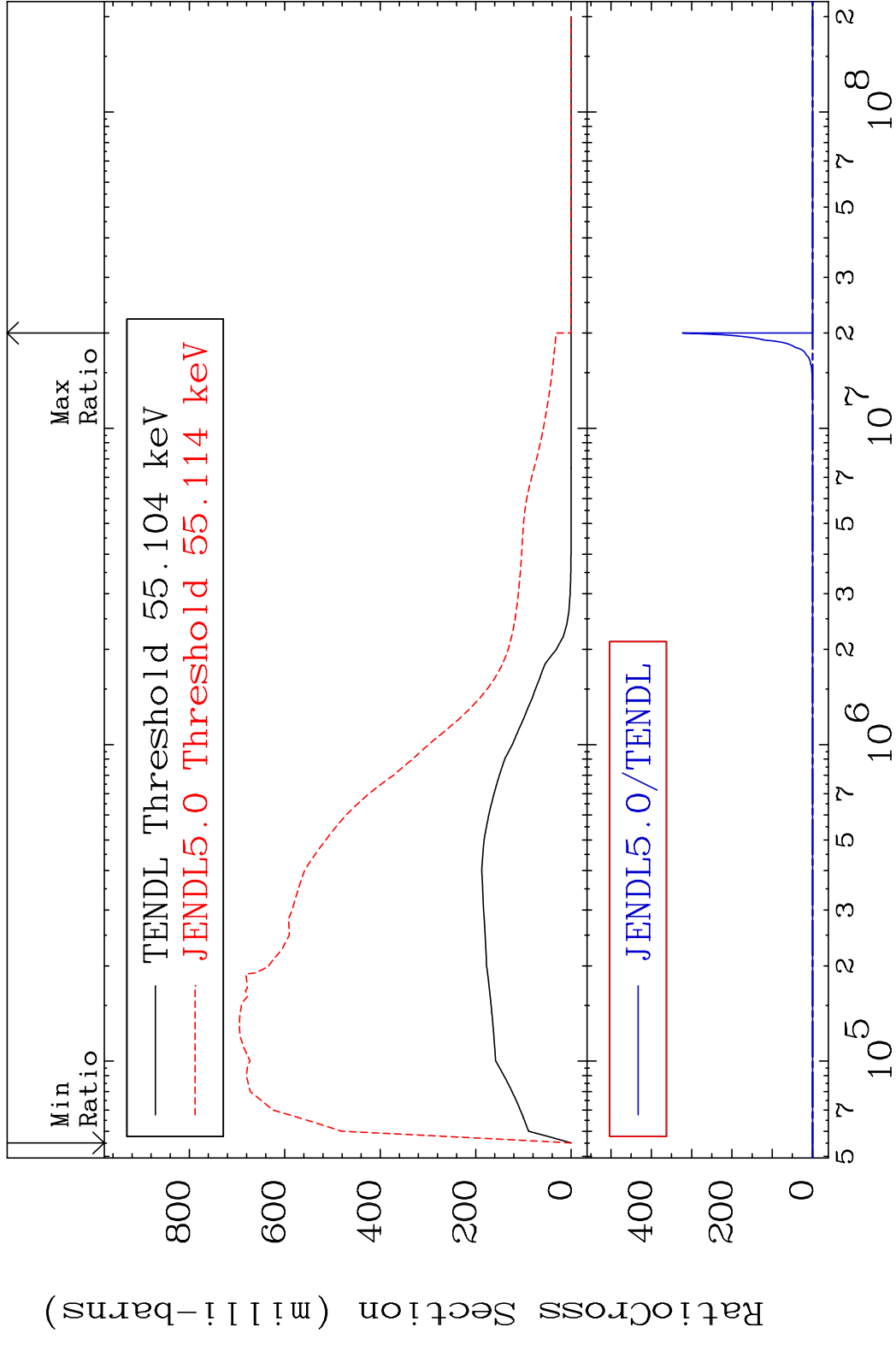
Cross Section -100.0 To 314.4 %



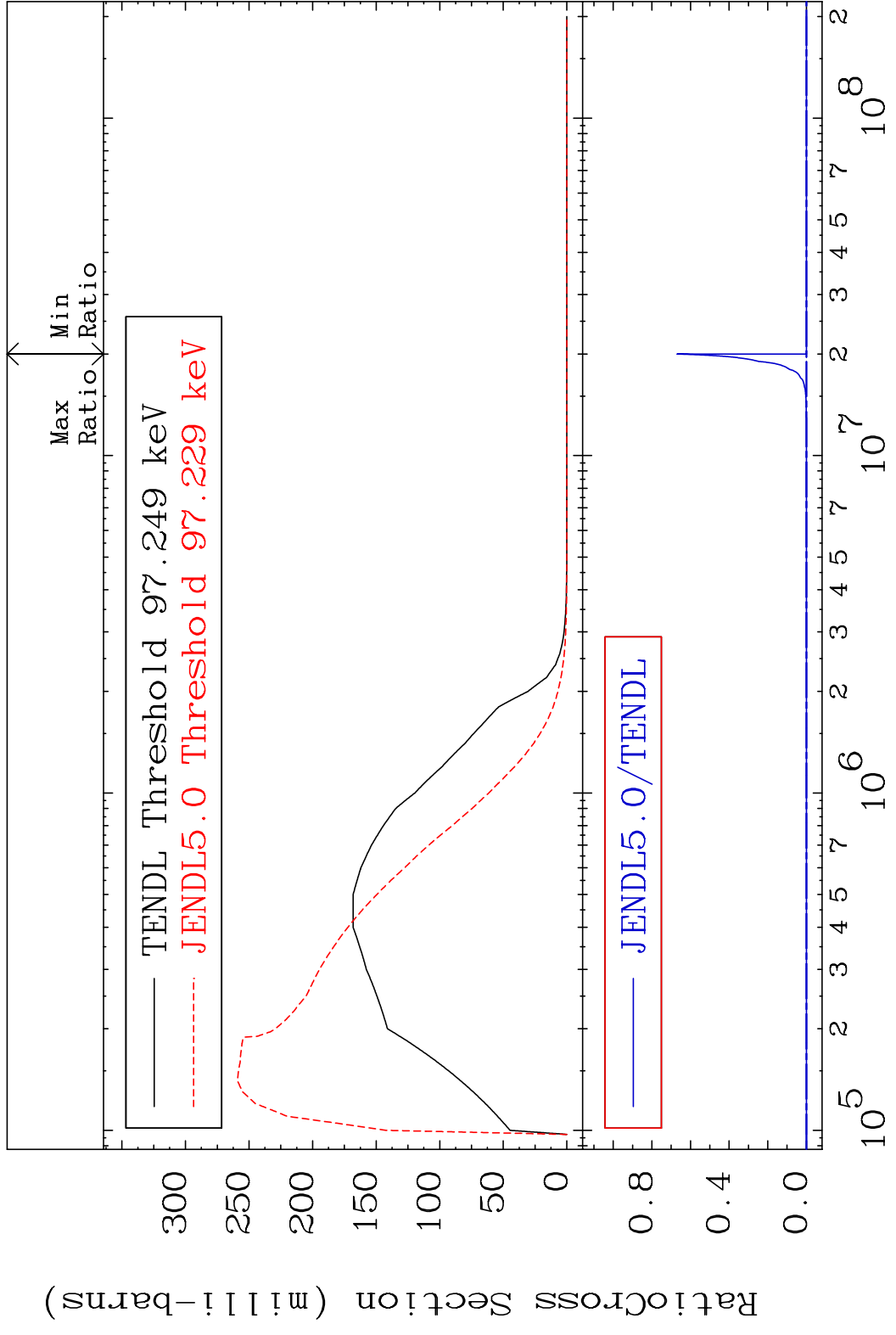
MAT 7716 (n,2n) p 77-Ir-188  
 Cross Section -100.0 To 41.56 %



MAT 7716 MT= 51 (n, n') Level 77-Ir-188  
 Cross Section -100.0 To 9999. %

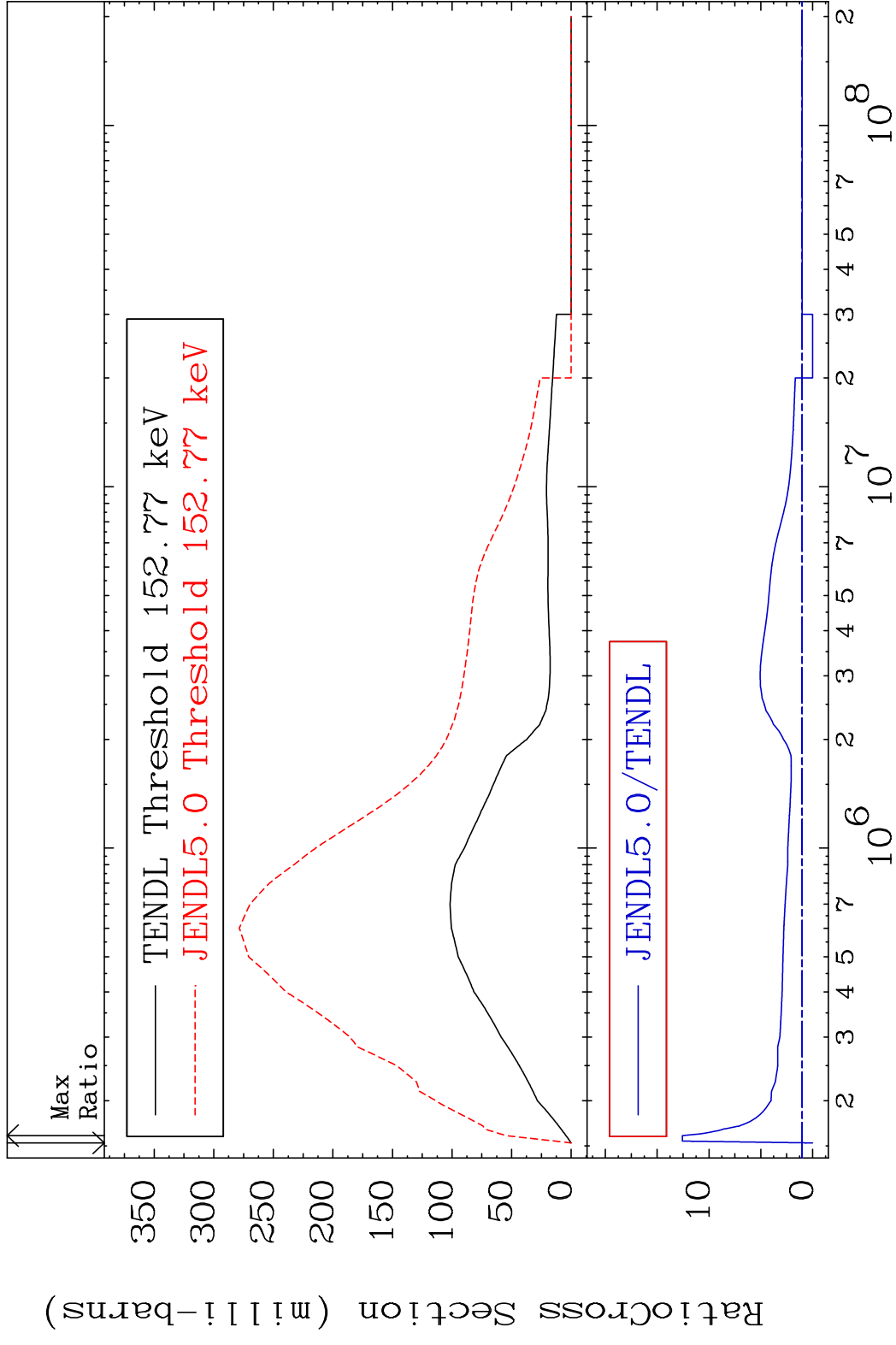


MAT 7716 MT= 52 (n,n') Level 77-Ir-188  
 Cross Section -100.0 To 9999. %



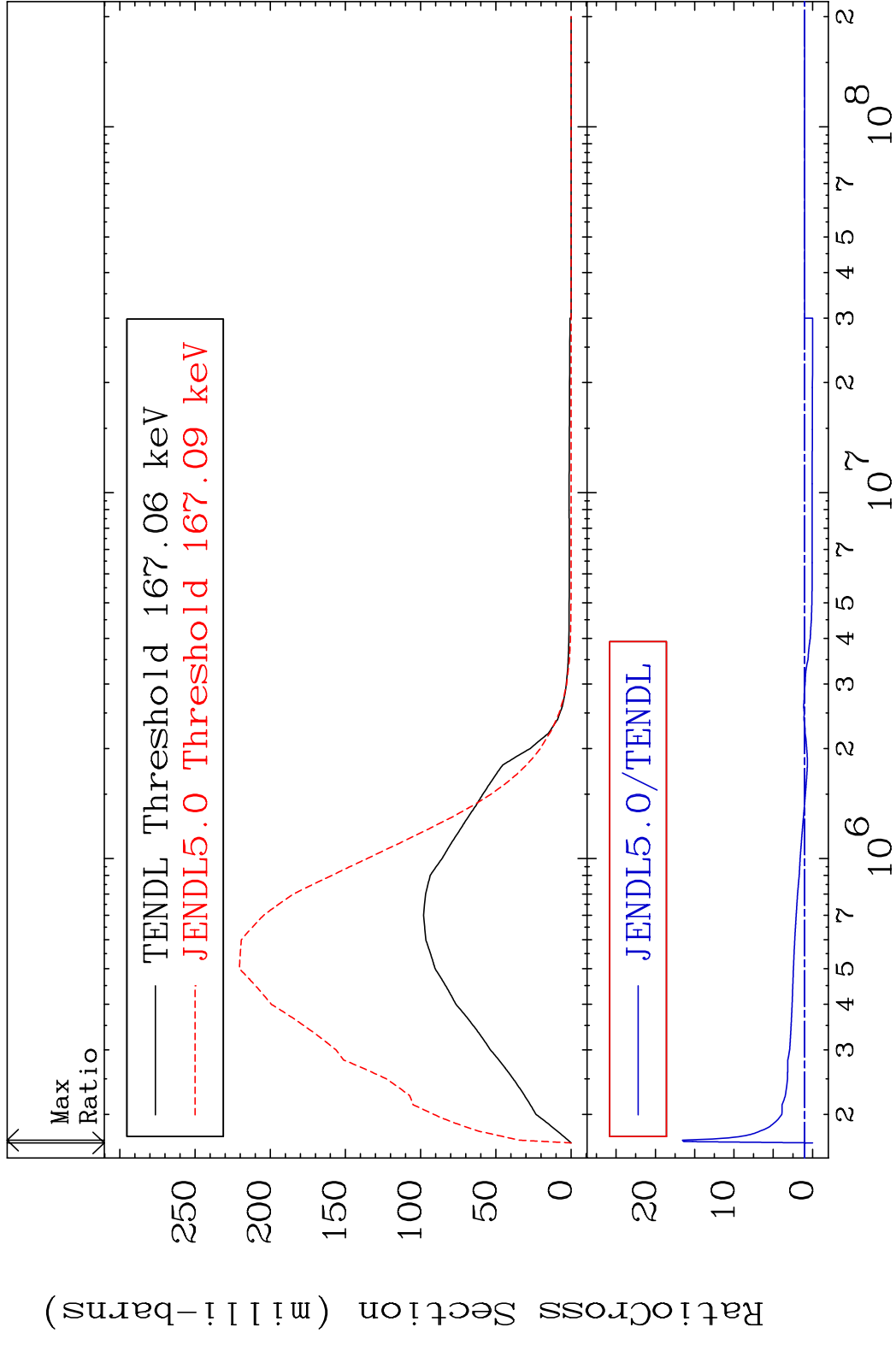
14 Incident Energy (eV) 77-Ir-188

MAT 7716 MT= 53 (n, n') Level 77-Ir-188  
 Cross Section -100.0 To 1157. %

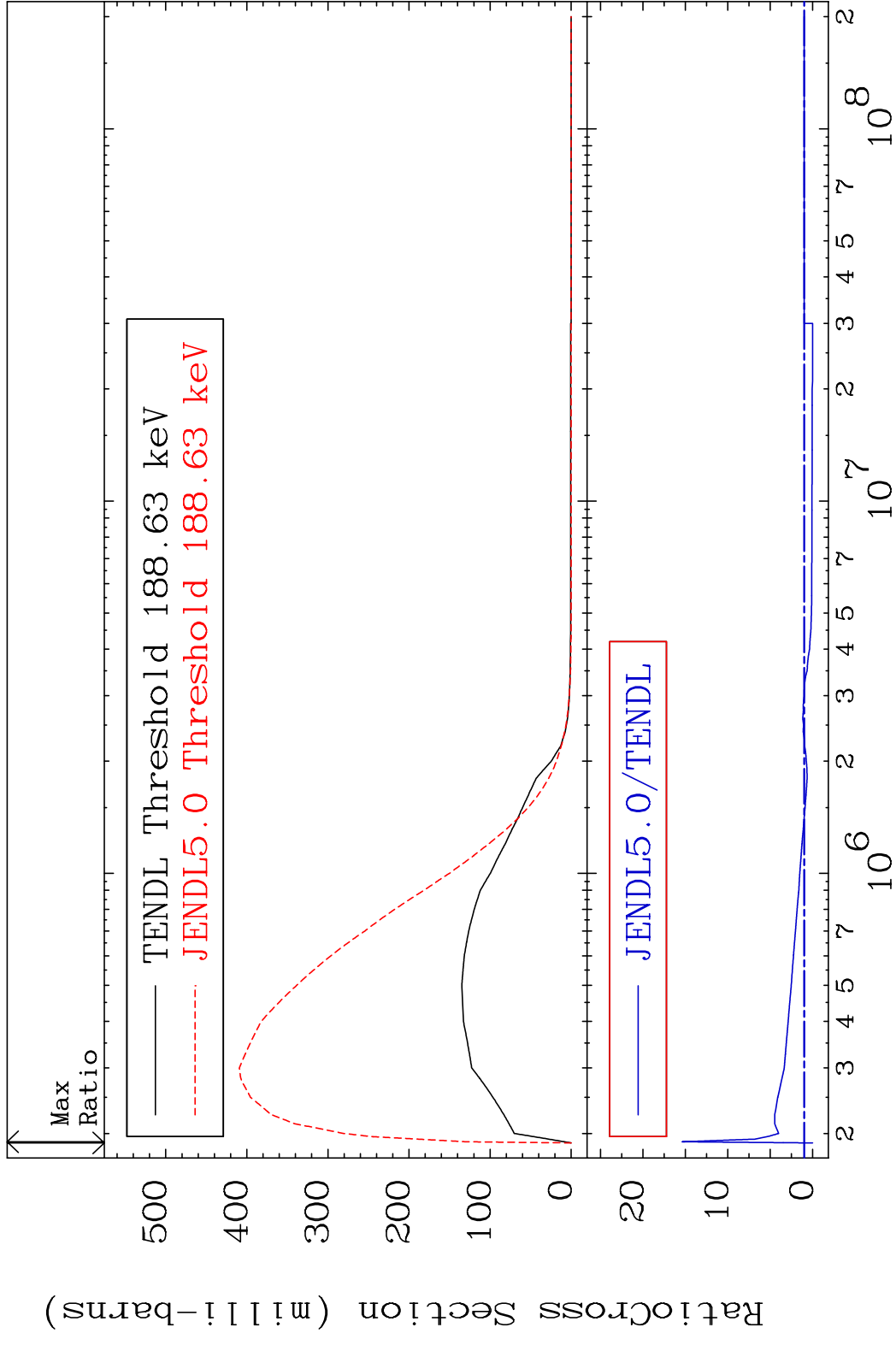




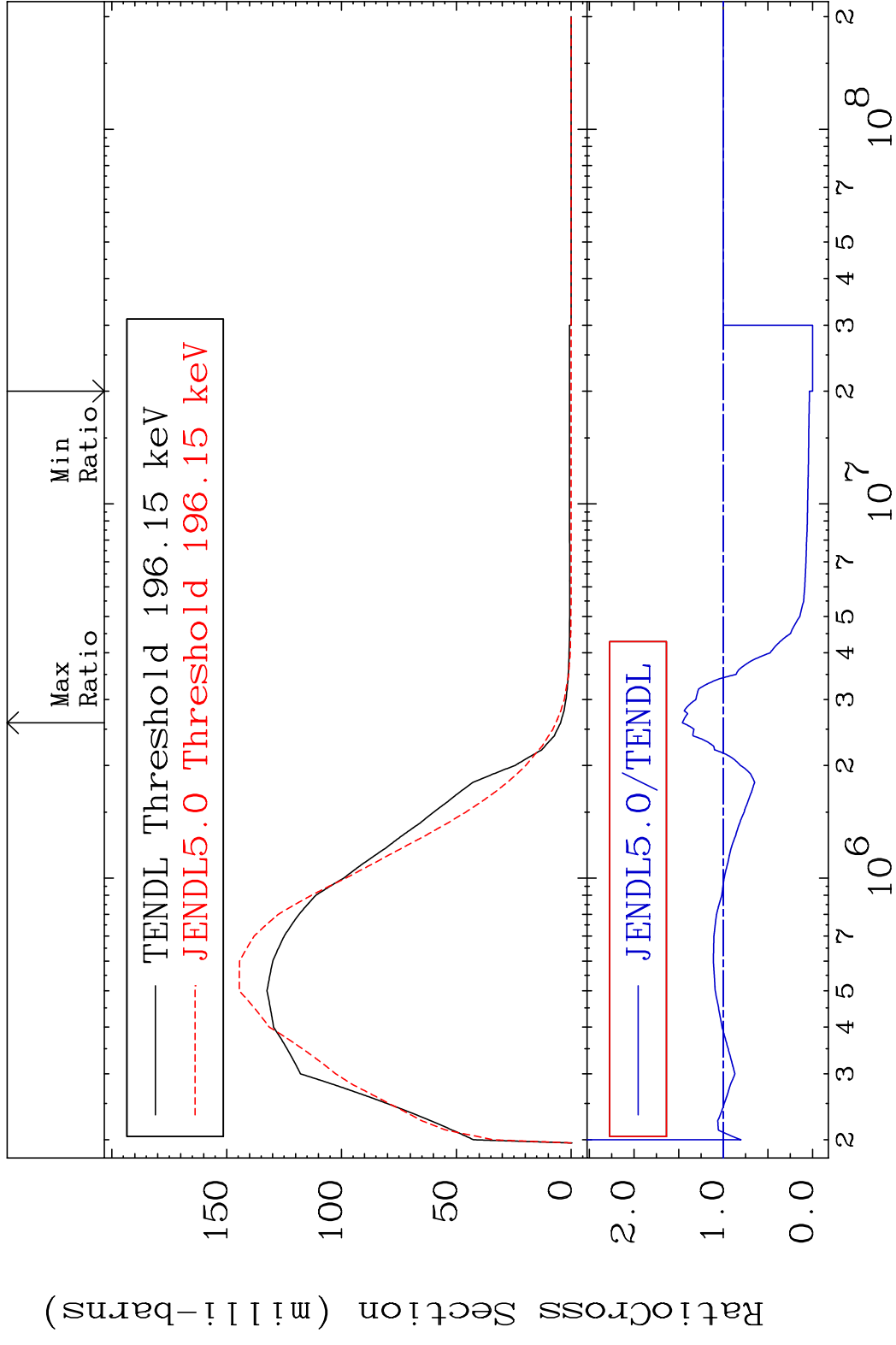
MAT 7716 MT= 54 (n,n') Level 77-Ir-188  
 Cross Section -100.0 To 1557. %



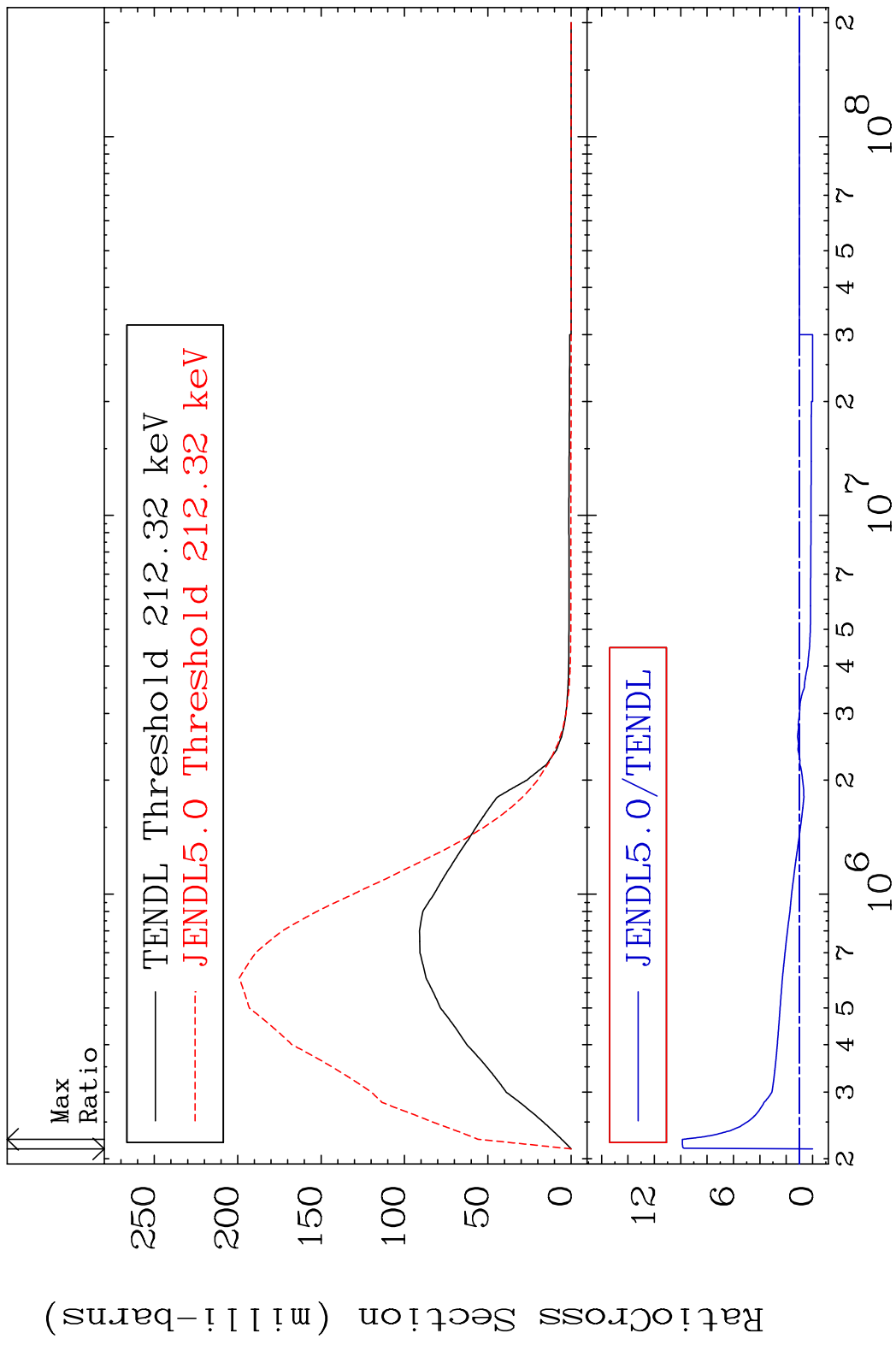
MAT 7716 MT= 55 (n,n') Level 77-Ir-188  
 Cross Section -100.0 To 1435. %



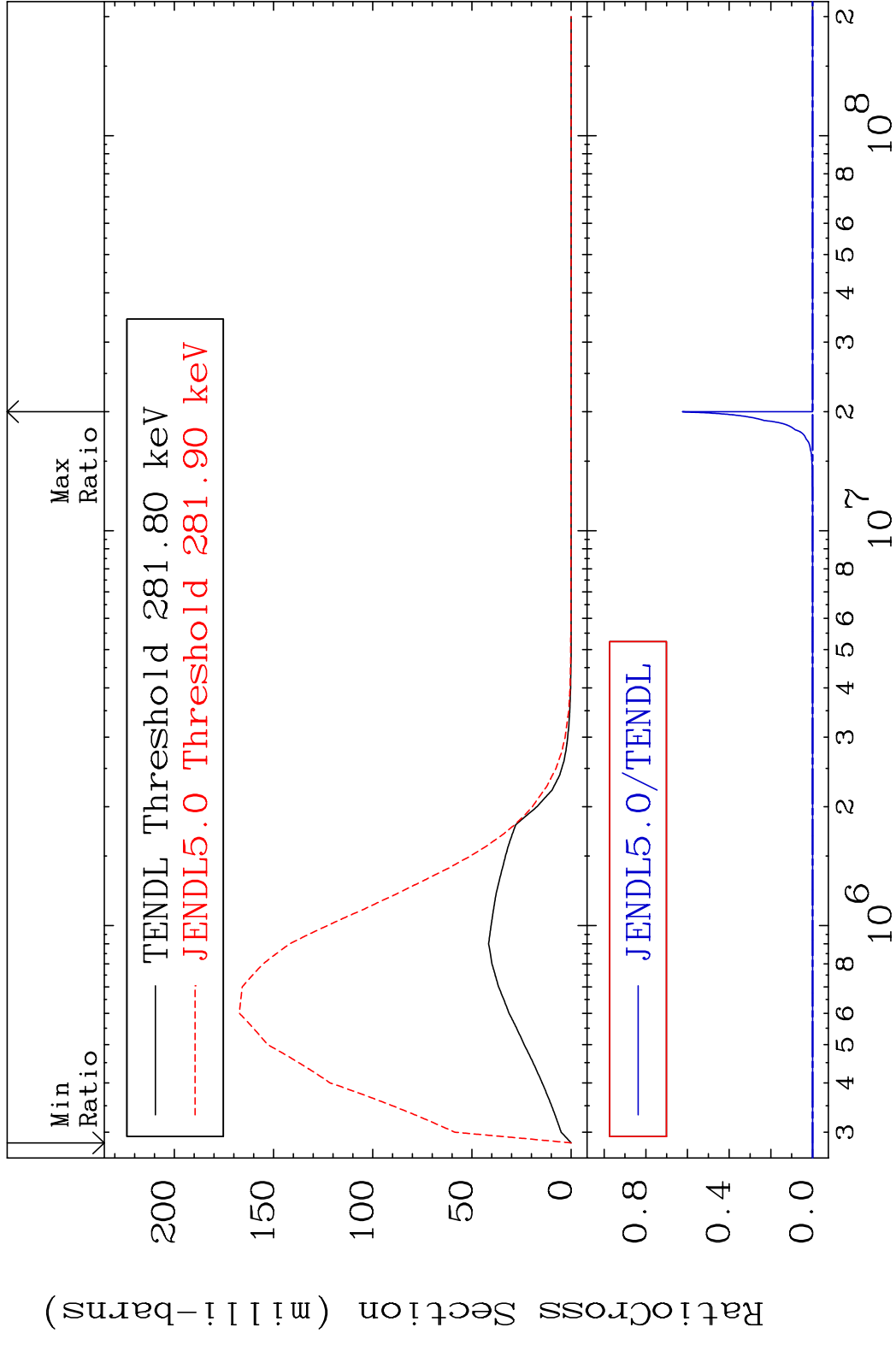
MAT 7716 MT= 56 (n,n') Level 77-Ir-188  
 Cross Section -100.0 To 45.88 %



MAT 7716 MT= 57 (n,n') Level 77-Ir-188  
 Cross Section -100.0 To 887.5 %



MAT 7716 MT= 58 (n, n') Level 77-Ir-188  
 Cross Section -100.0 To 9999. %

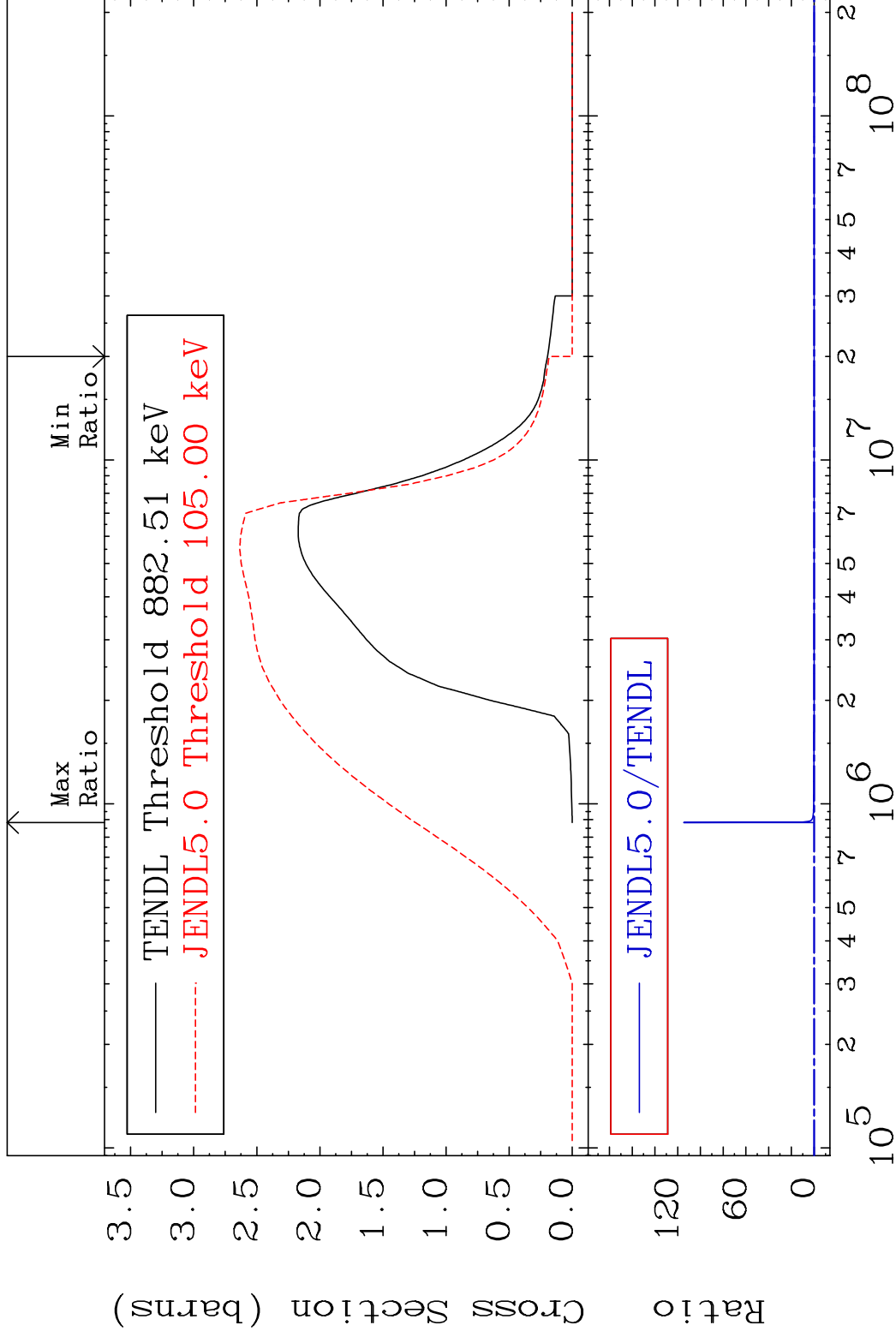


MAT 7716

(n, n') Continuum

77-Ir-188

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

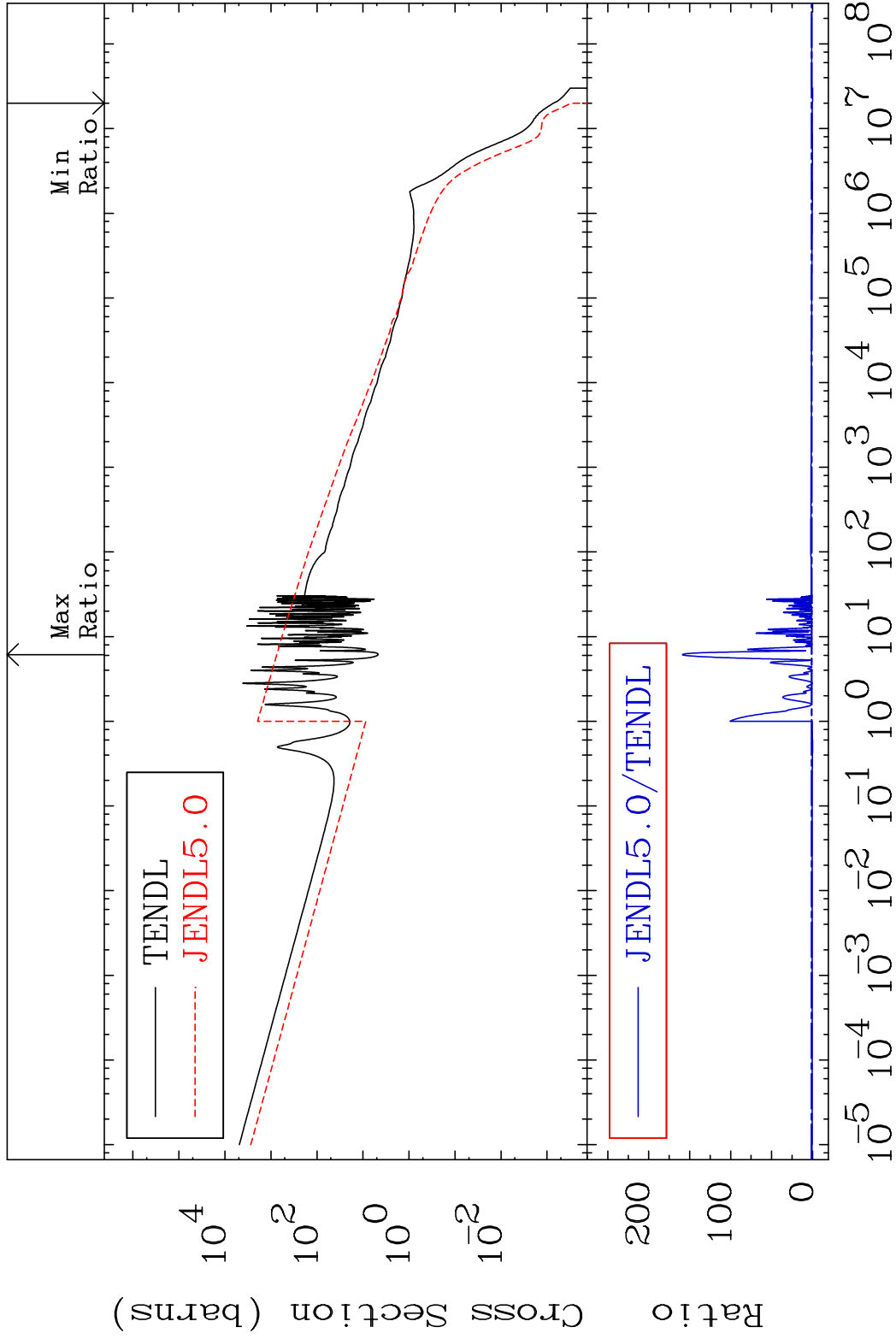
77-Ir-188

MAT 7716

(n,  $\gamma$ )

77-Ir-188

Cross Section -100.0 To 9999. %



22

Incident Energy (eV)

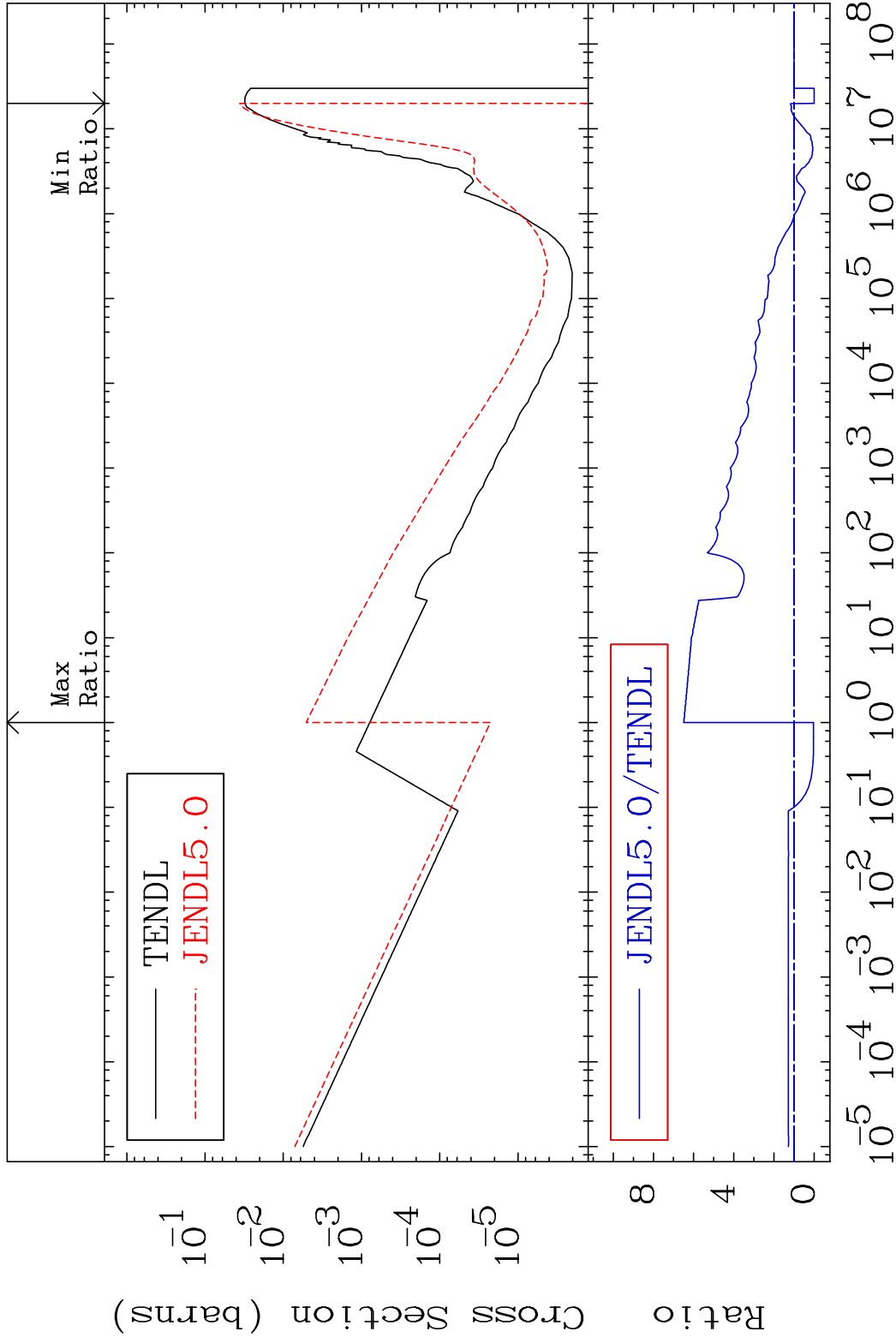
77-Ir-188

MAT 7716

(n, p)

77-Ir-188

Cross Section -100.0 To 549.5 %



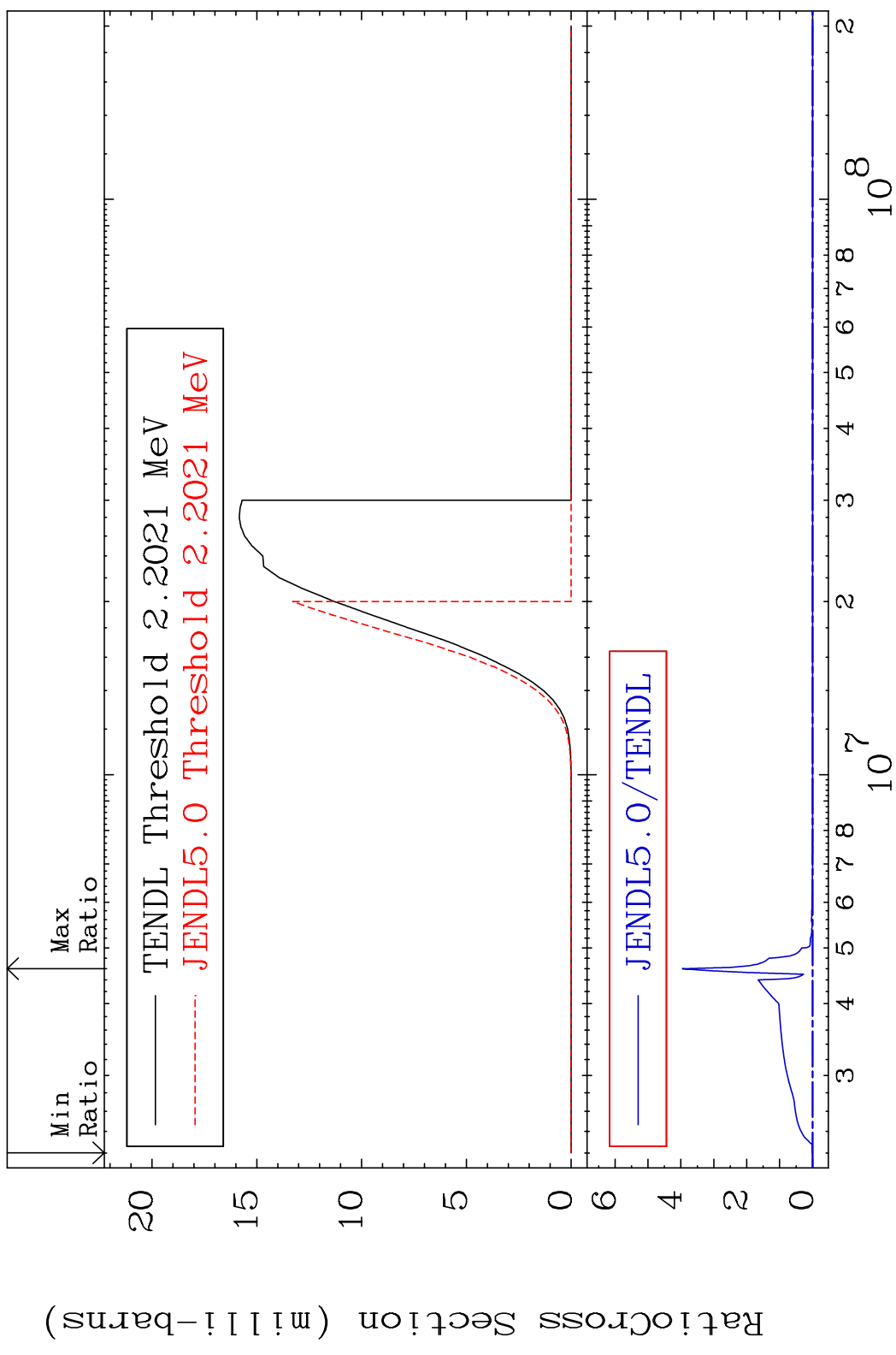
23

Incident Energy (eV)

77-Ir-188



Cross Section -100.0 To 9999. %

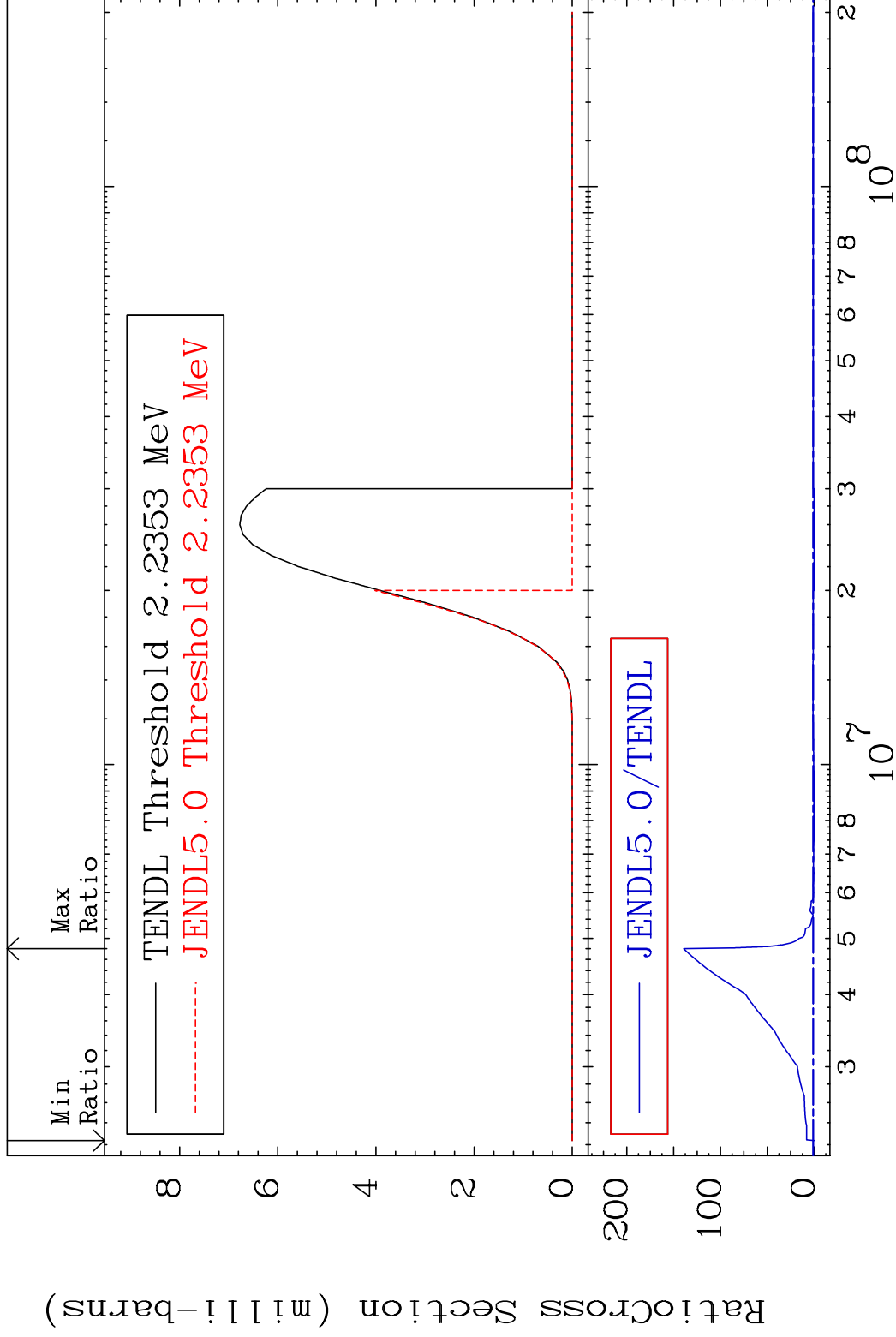


MAT 7716

(n, t)

77-Ir-188

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

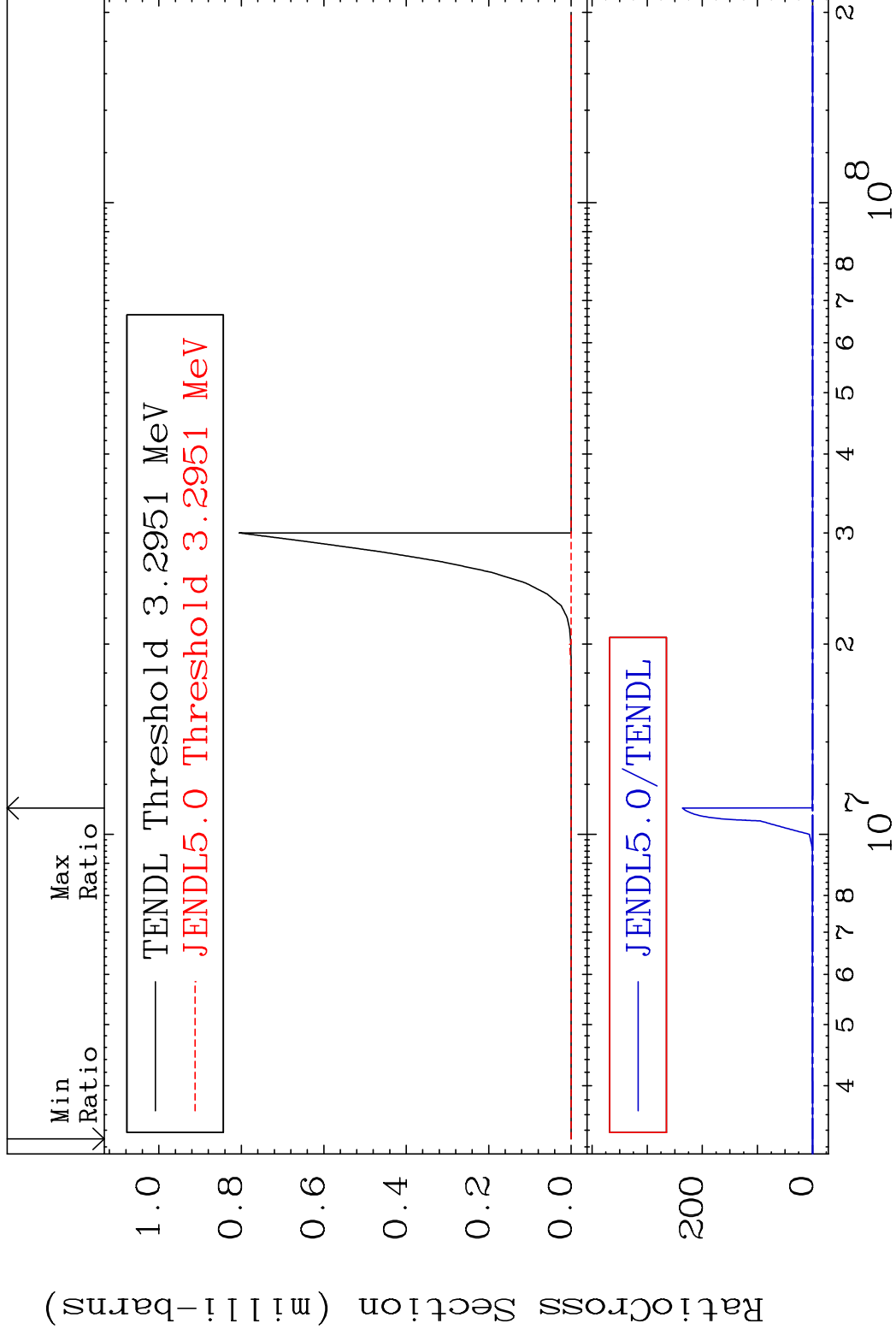
77-Ir-188

MAT 7716

(n, He-3)

77-Ir-188

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

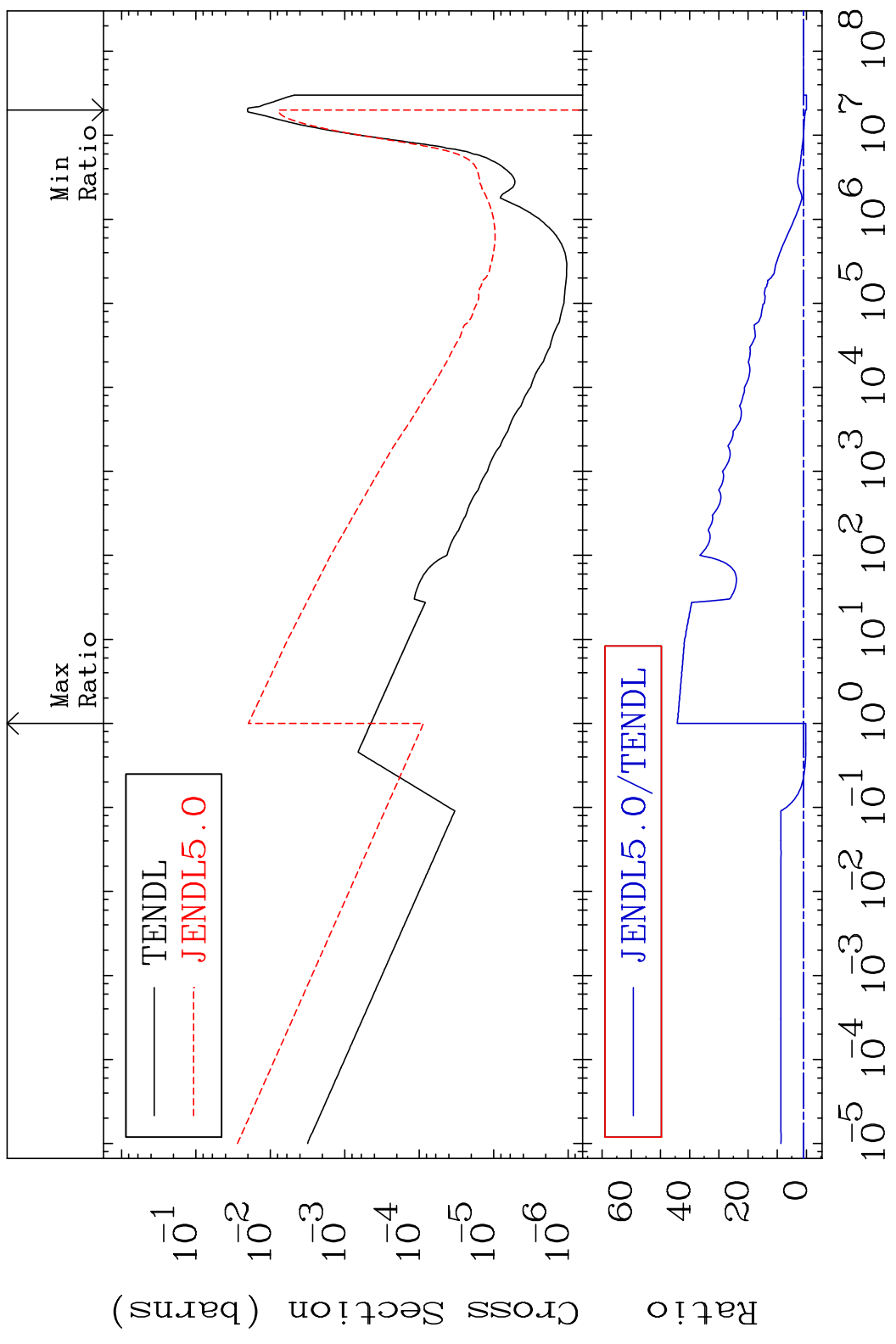
77-Ir-188

MAT 7716

(n,  $\alpha$ )

77-Ir-188

Cross Section -100.0 To 4328. %

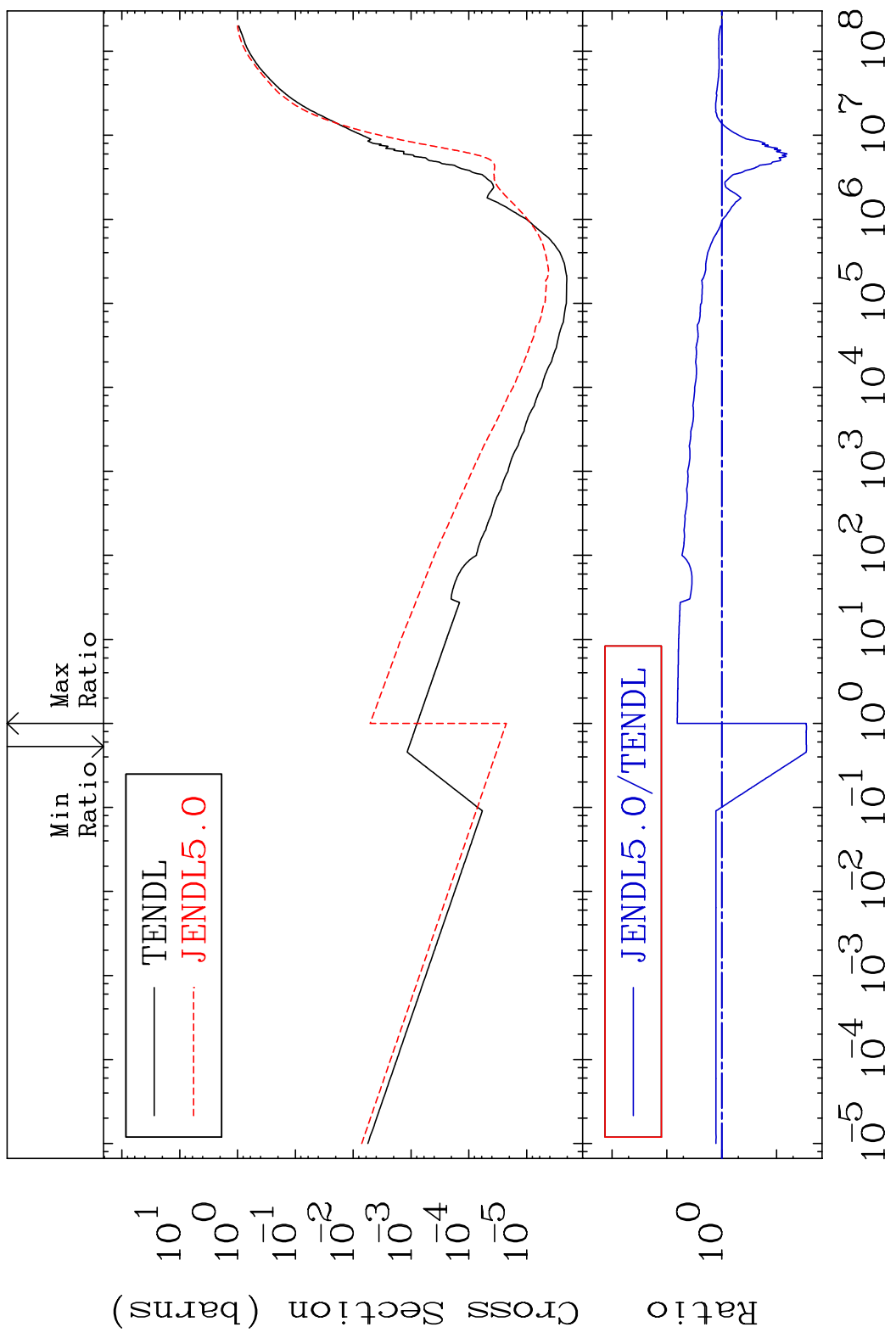


MAT 7716

Hydrogen Production

77-Ir-188

Cross Section -97.15 To 549.5 %

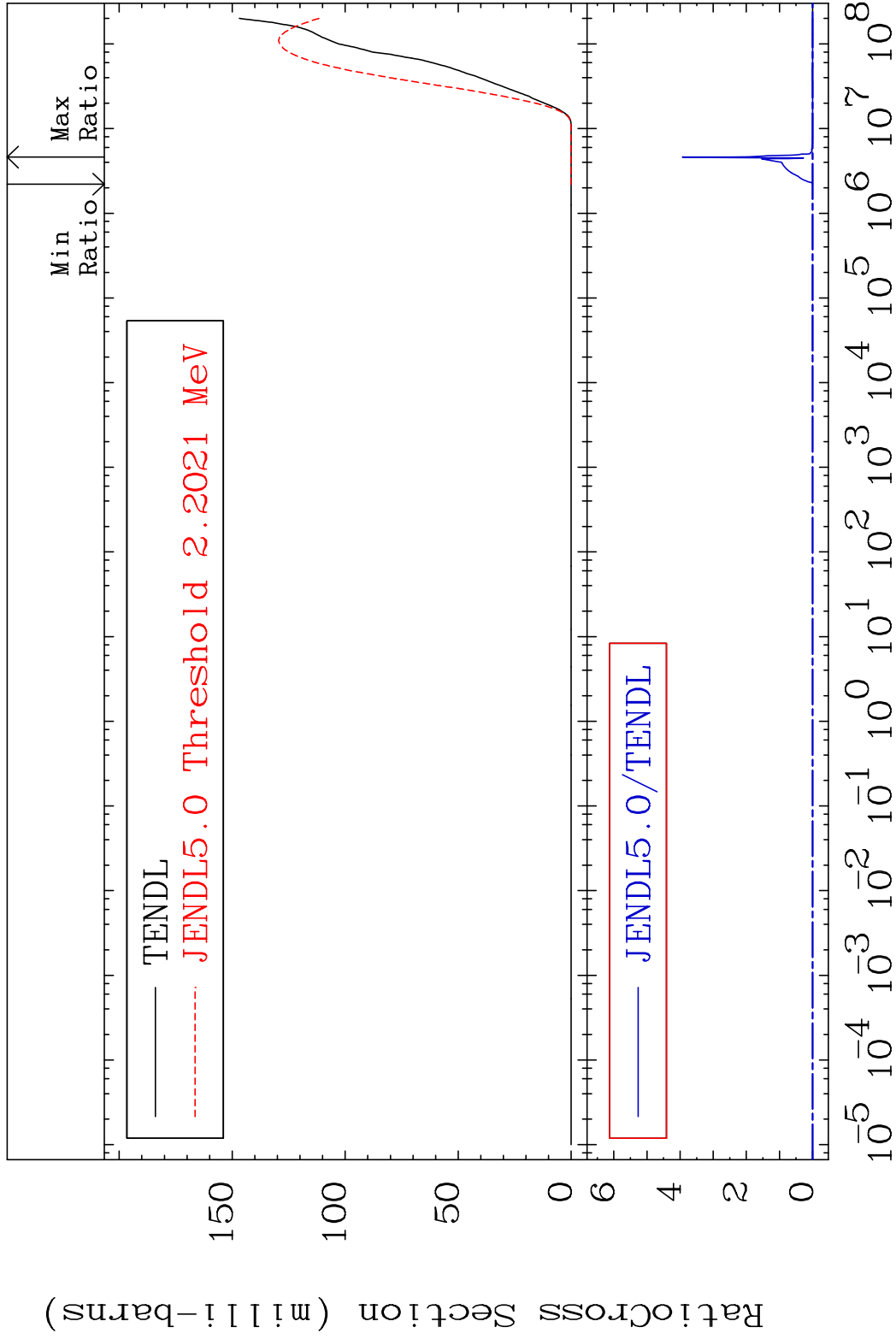


MAT 7716

Deuterium Production

77-Ir-188

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

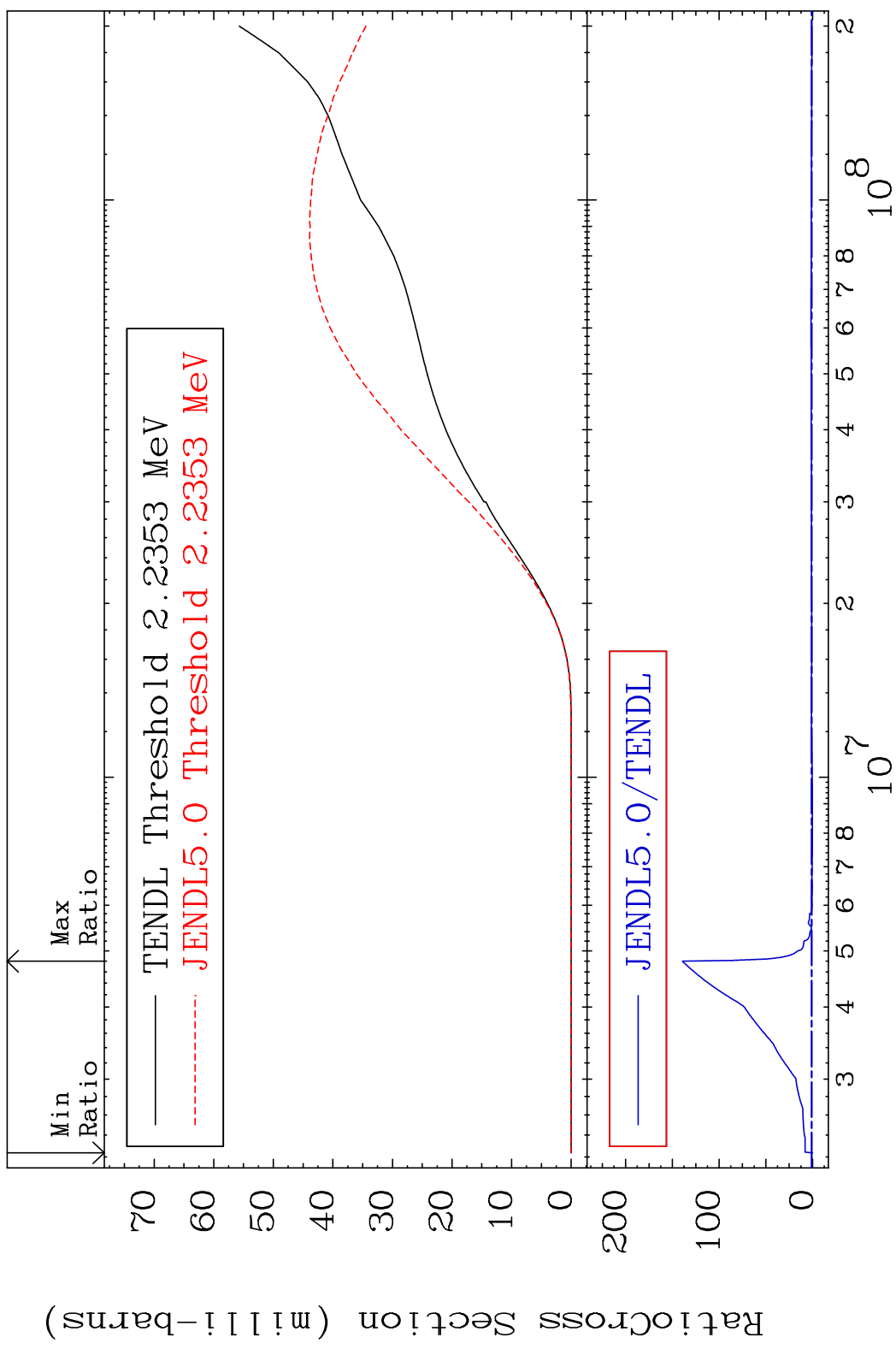
77-Ir-188

MAT 7716

Tritium Production

77-Ir-188

Cross Section -100.0 To 9999. %

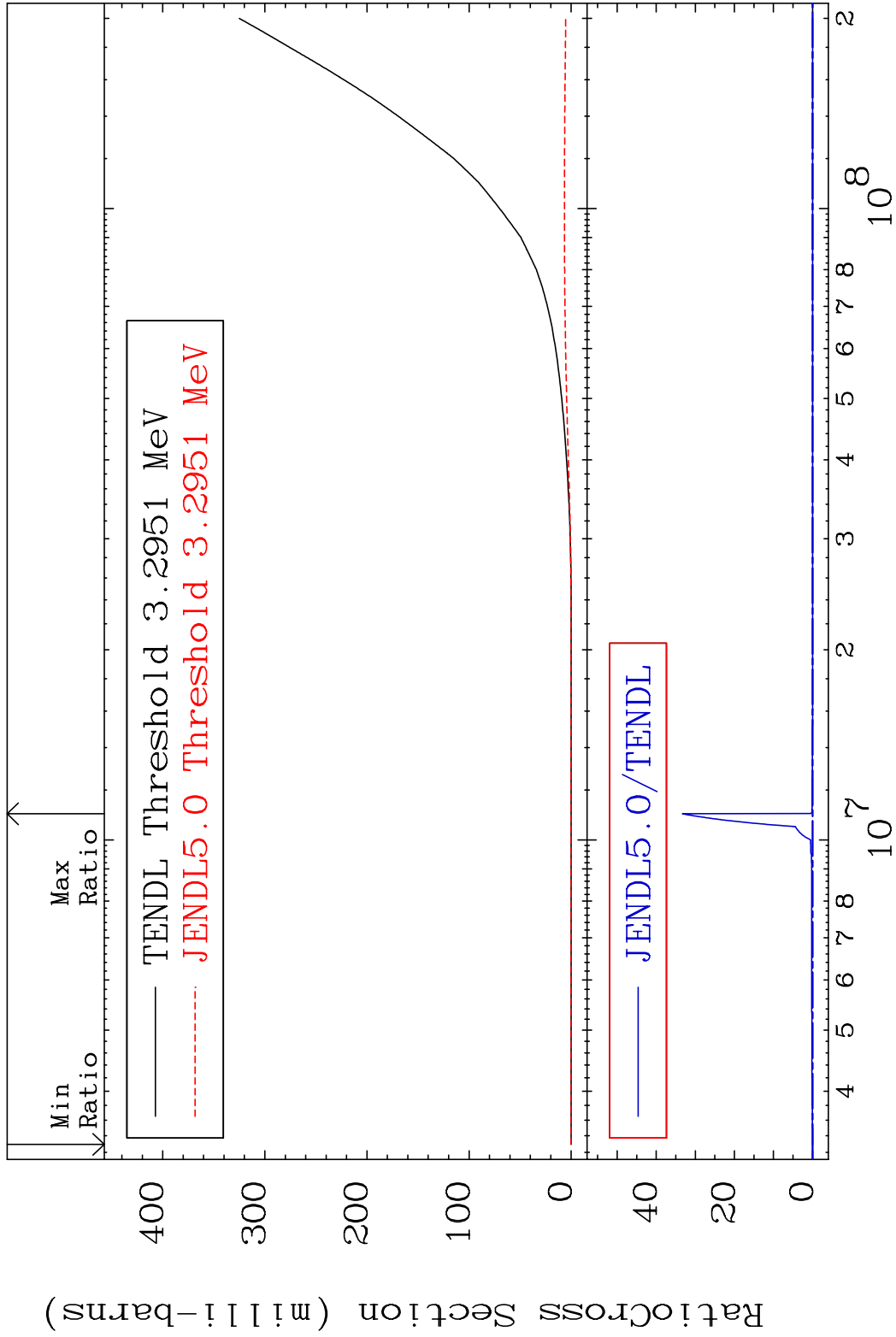


30

Incident Energy (eV)

77-Ir-188

Cross Section -100.0 To 9999. %



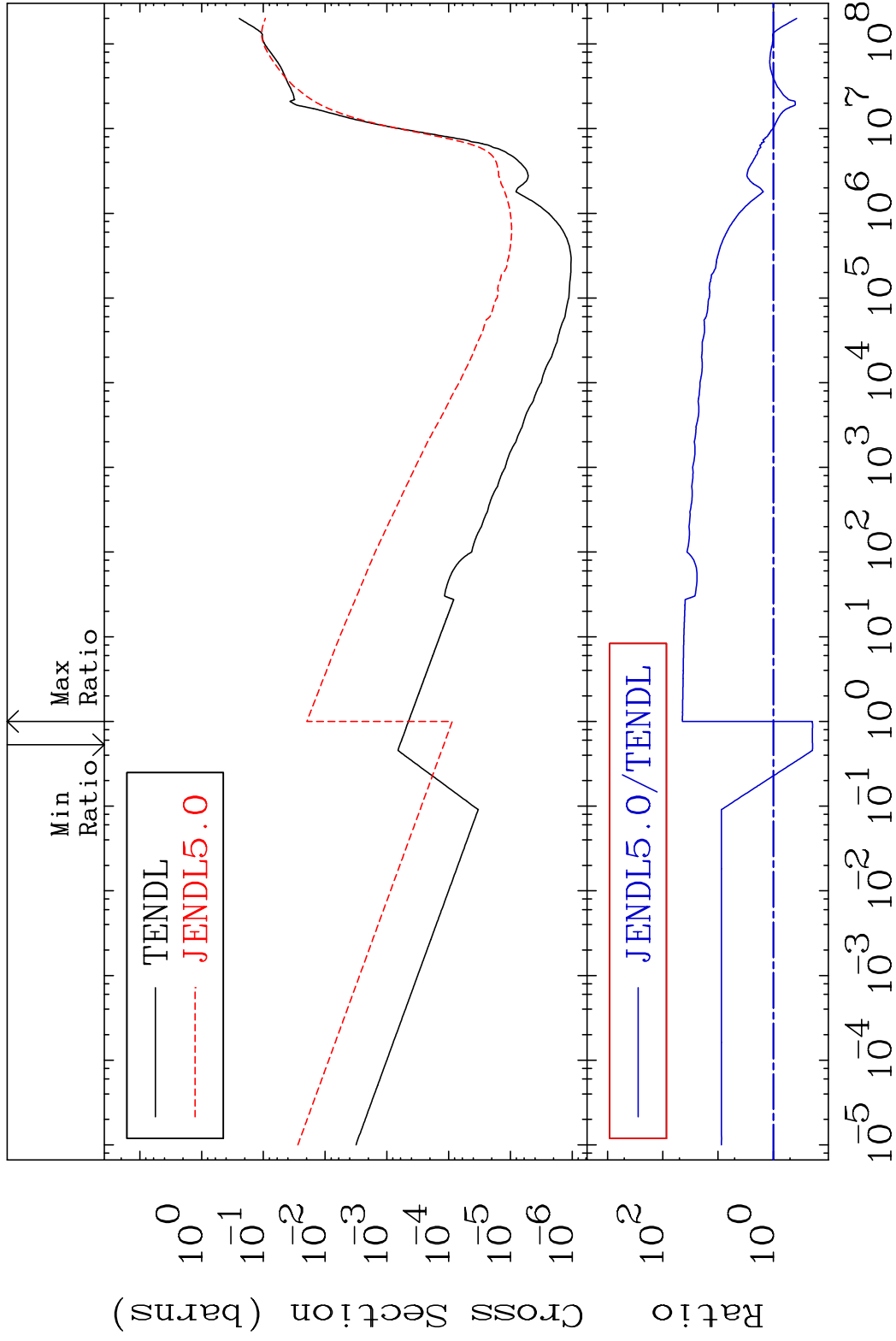


MAT 7716

He-4 Production

77-Ir-188

Cross Section -80.54 To 4328. %

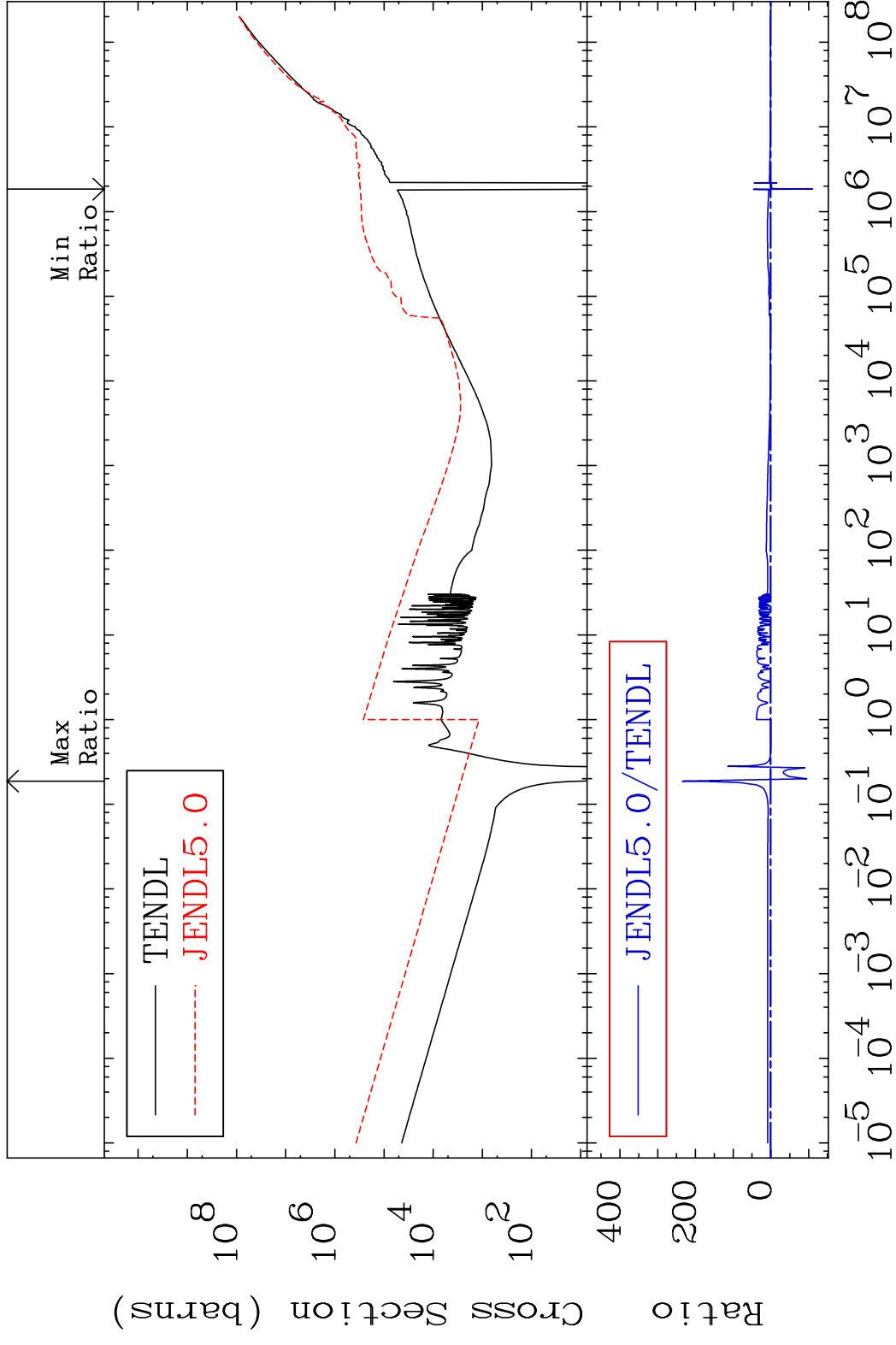


32

Incident Energy (eV)

77-Ir-188

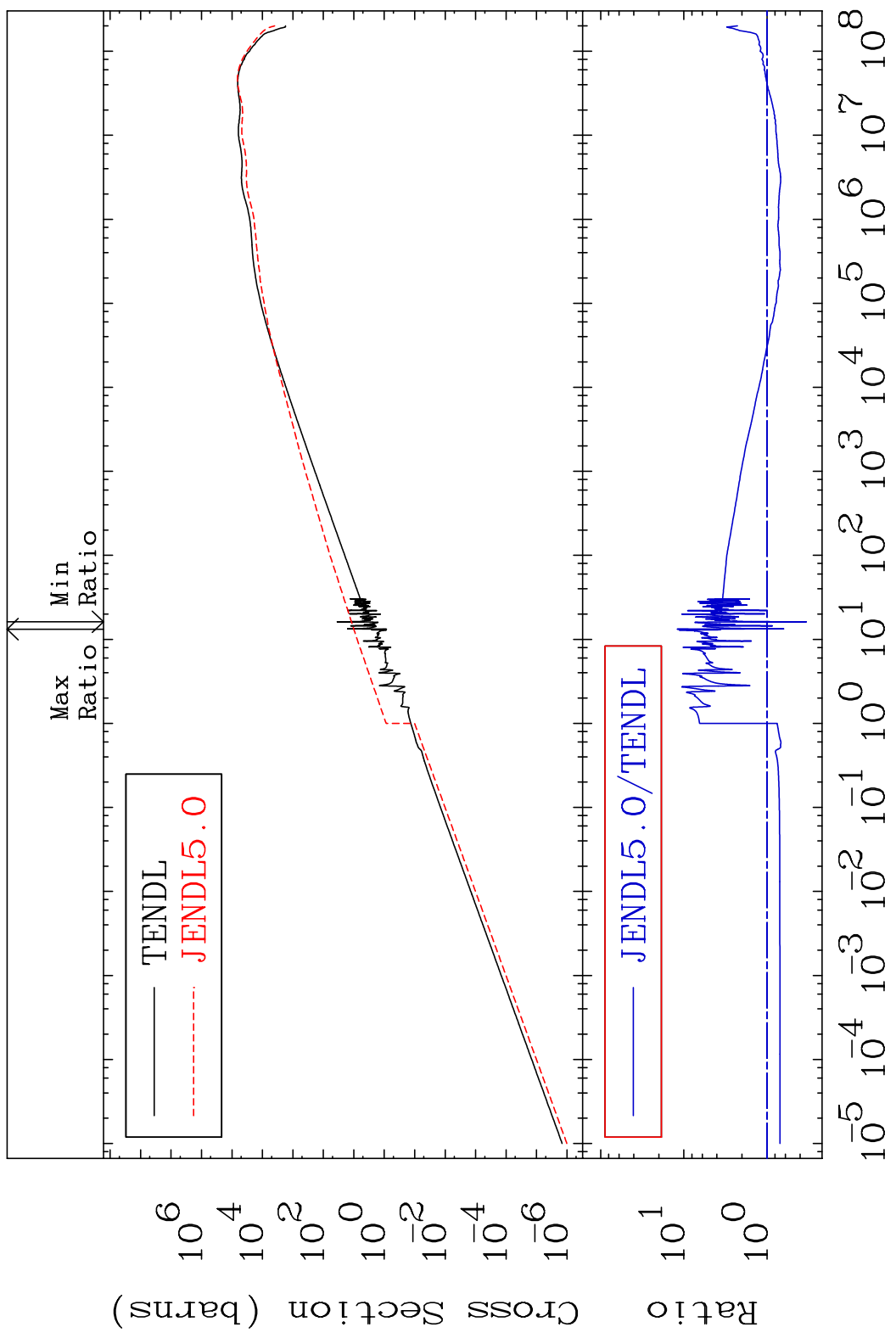
MAT 7716 Kerma total (eV-barns) 77-Ir-188  
 Cross Section -9999. To 9999. %



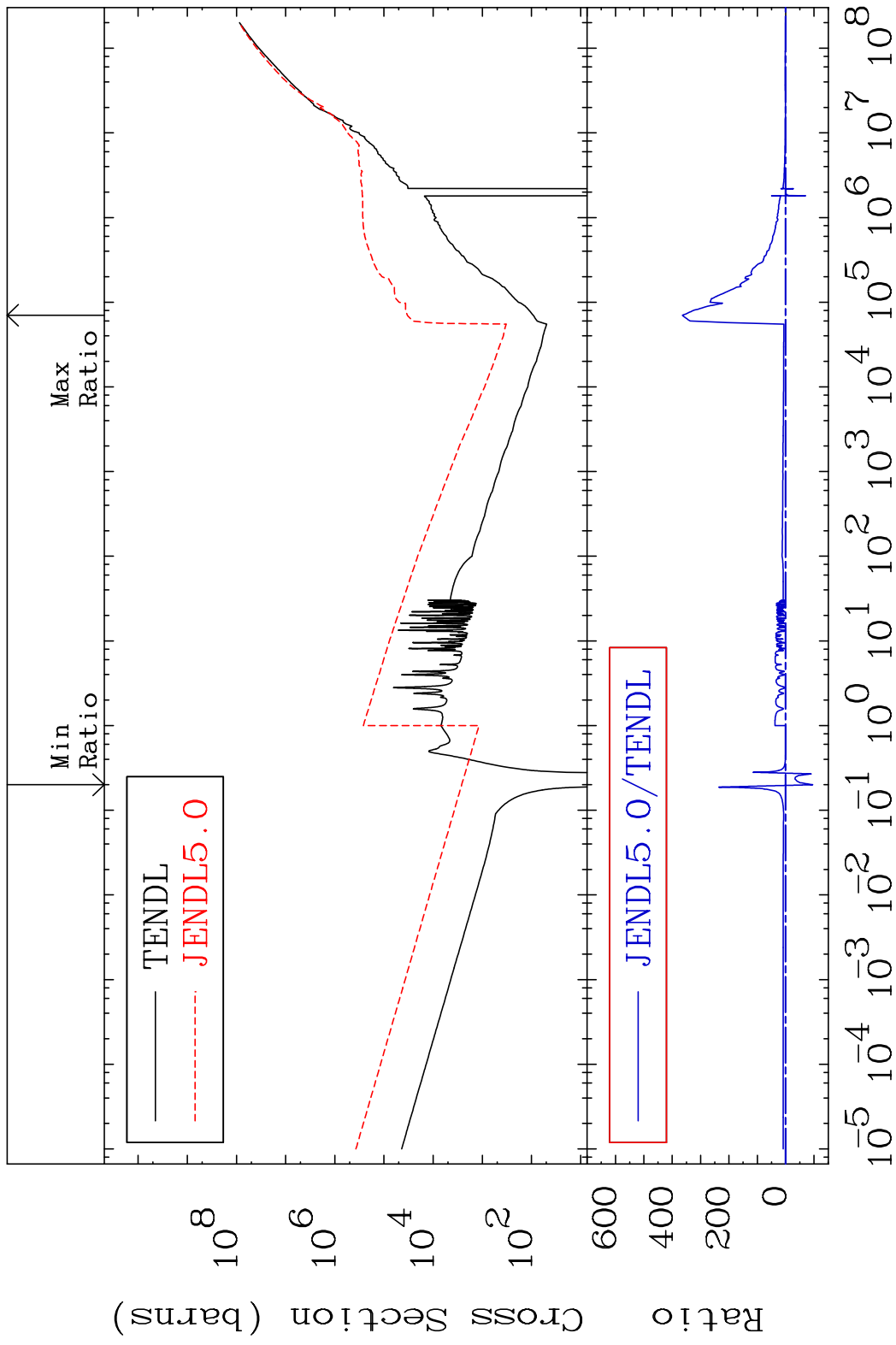
33 Incident Energy (eV) 77-Ir-188

MAT 7716

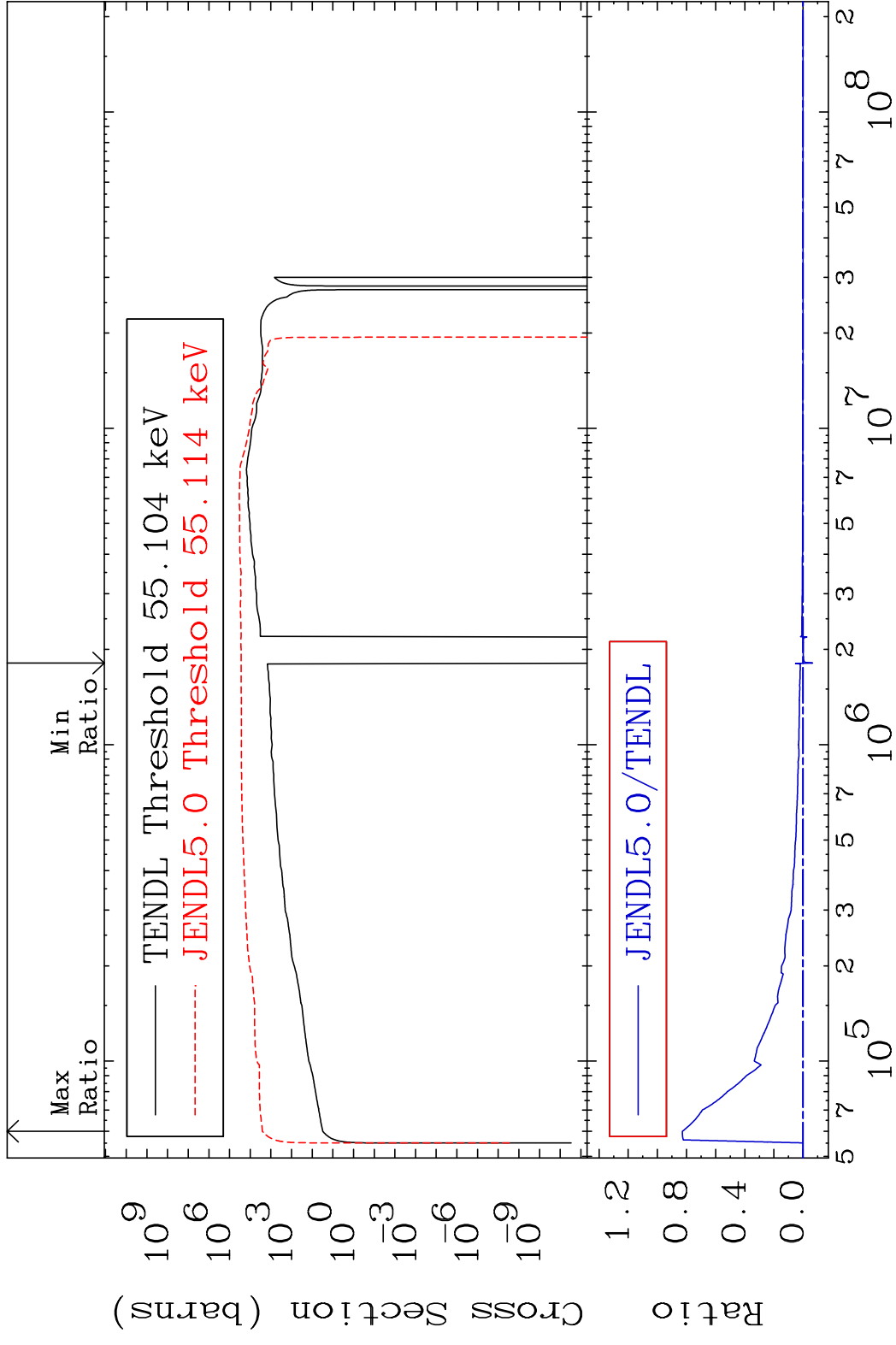
Kerma elastic 77-Ir-188  
Cross Section -66.44 To 1102. %



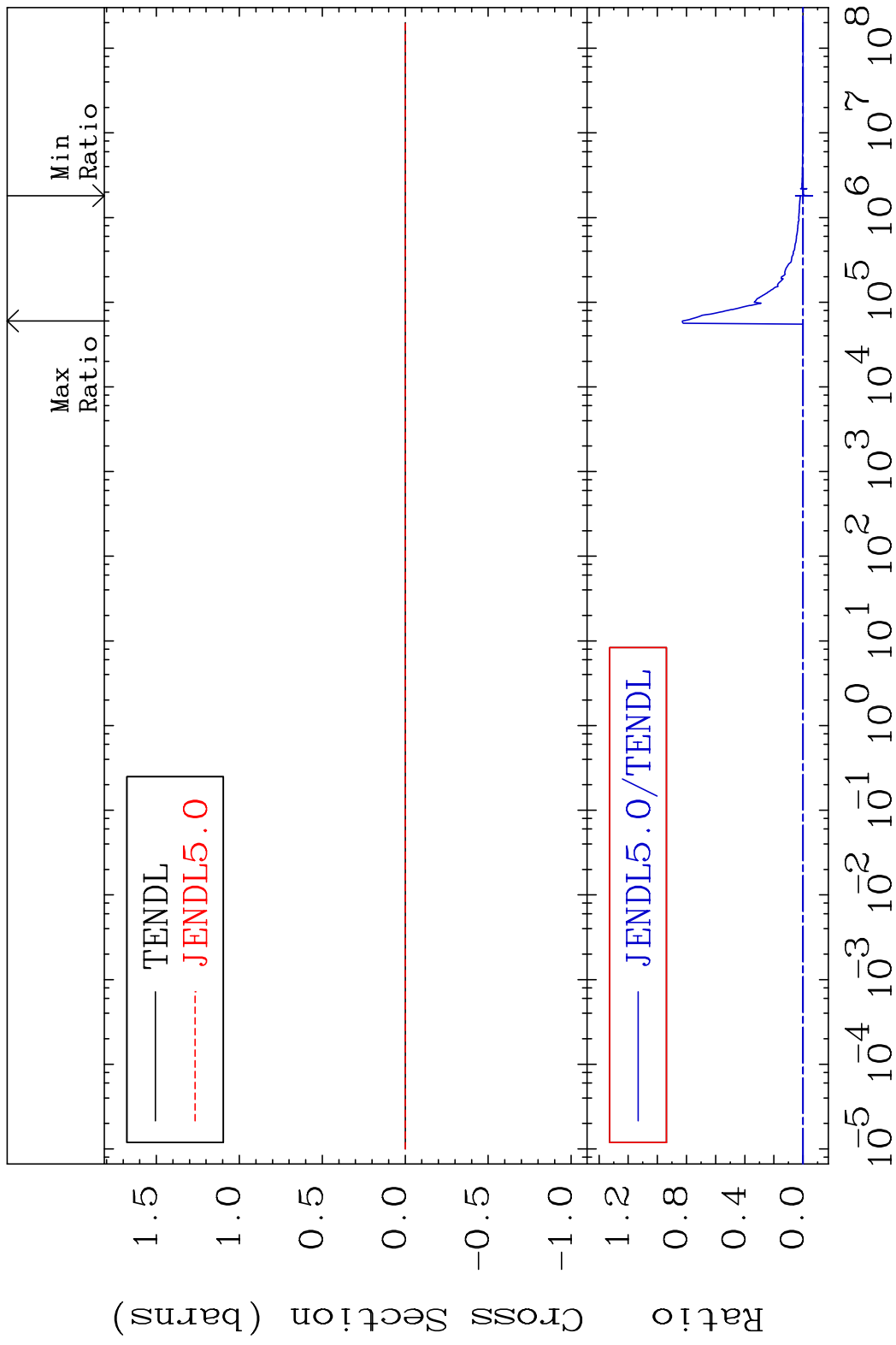
MAT 7716 Kerma non-elastic (all but mt2) 77-Ir-188  
 Cross Section -9578. To 9999. %



MAT 7716 Kerma inelastic (mt51-91) 77-Ir-188  
 Cross Section -6604. To 9999. %



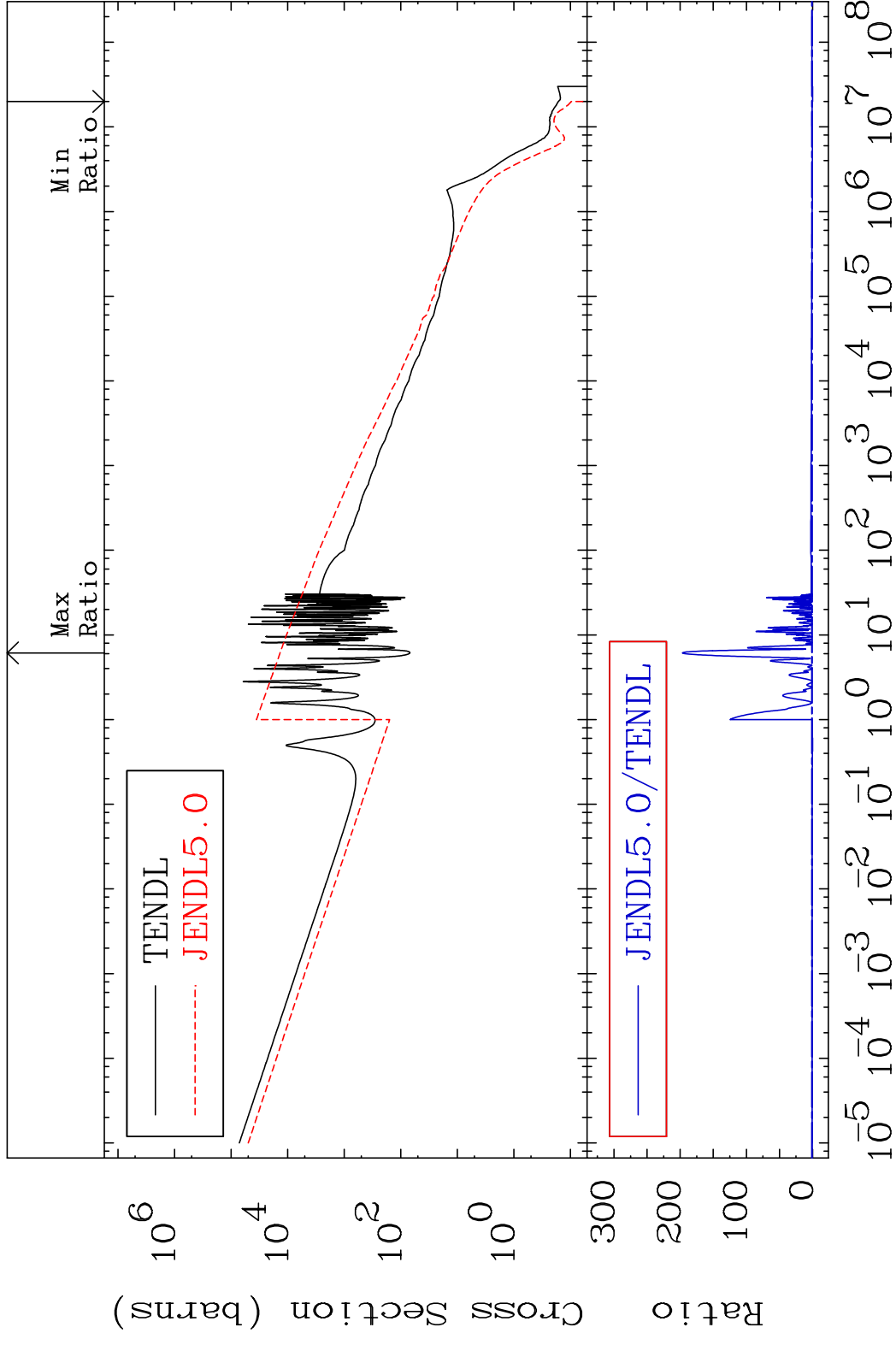
MAT 7716 Kerma fission (mt18 or mt19-20-21-38) 77-Ir-188  
 Cross Section -6604. To 9999. %



MAT 7716

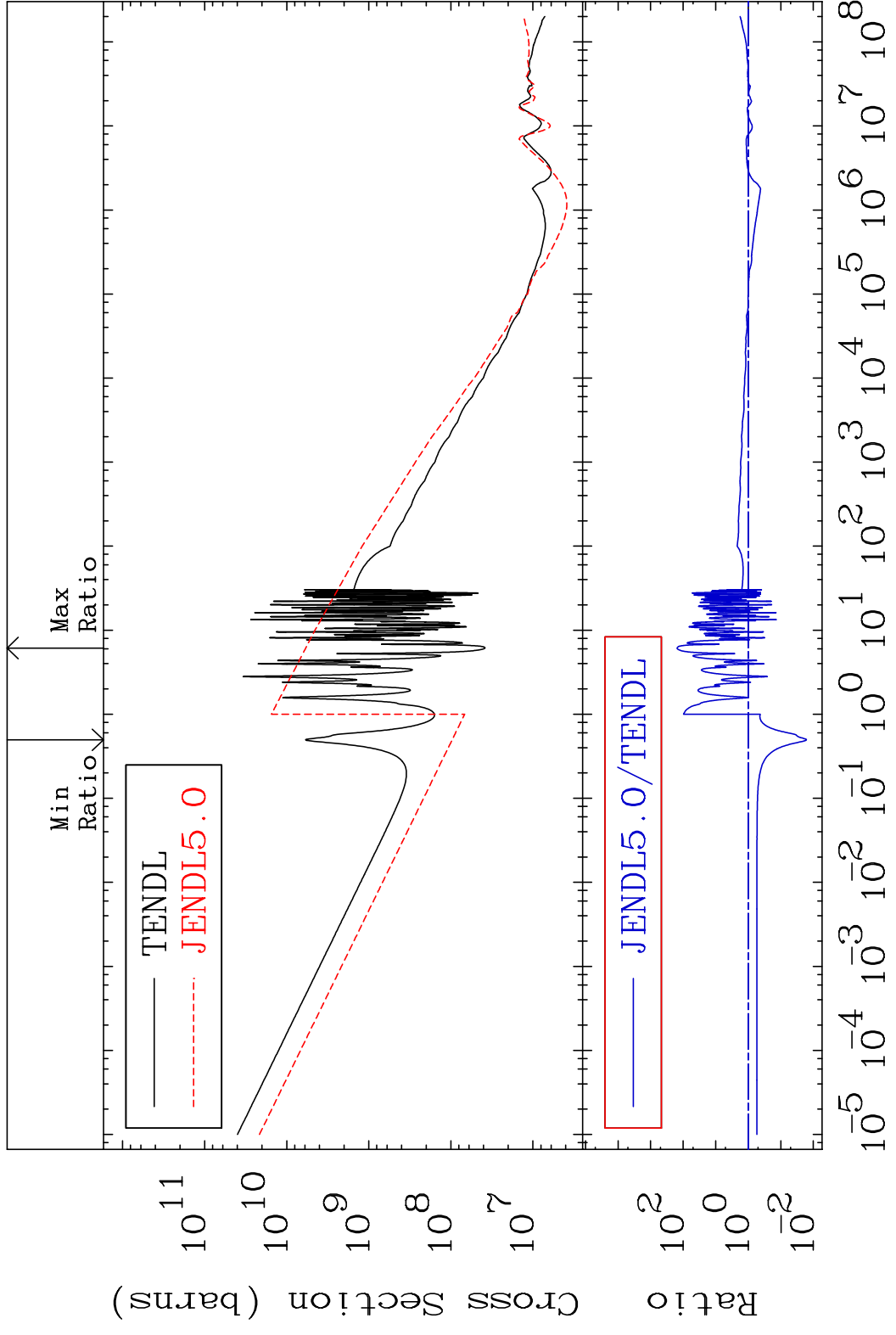
Kerma capture (mt102) 77-Ir-188

Cross Section -100.0 To 9999. %



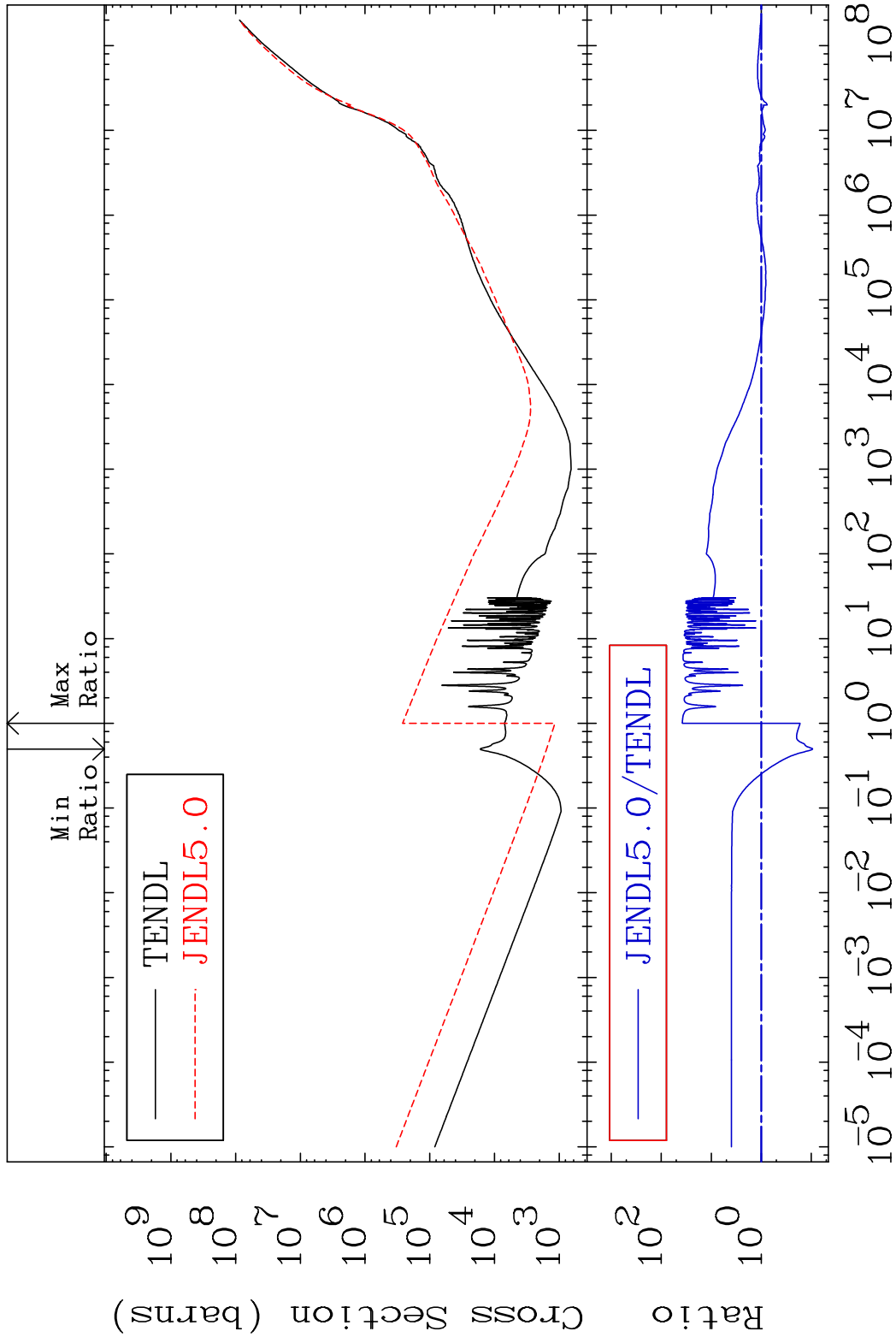
MAT 7716

Total photon (eV-barns) 77-Ir-188  
Cross Section -98.37 To 9999. %

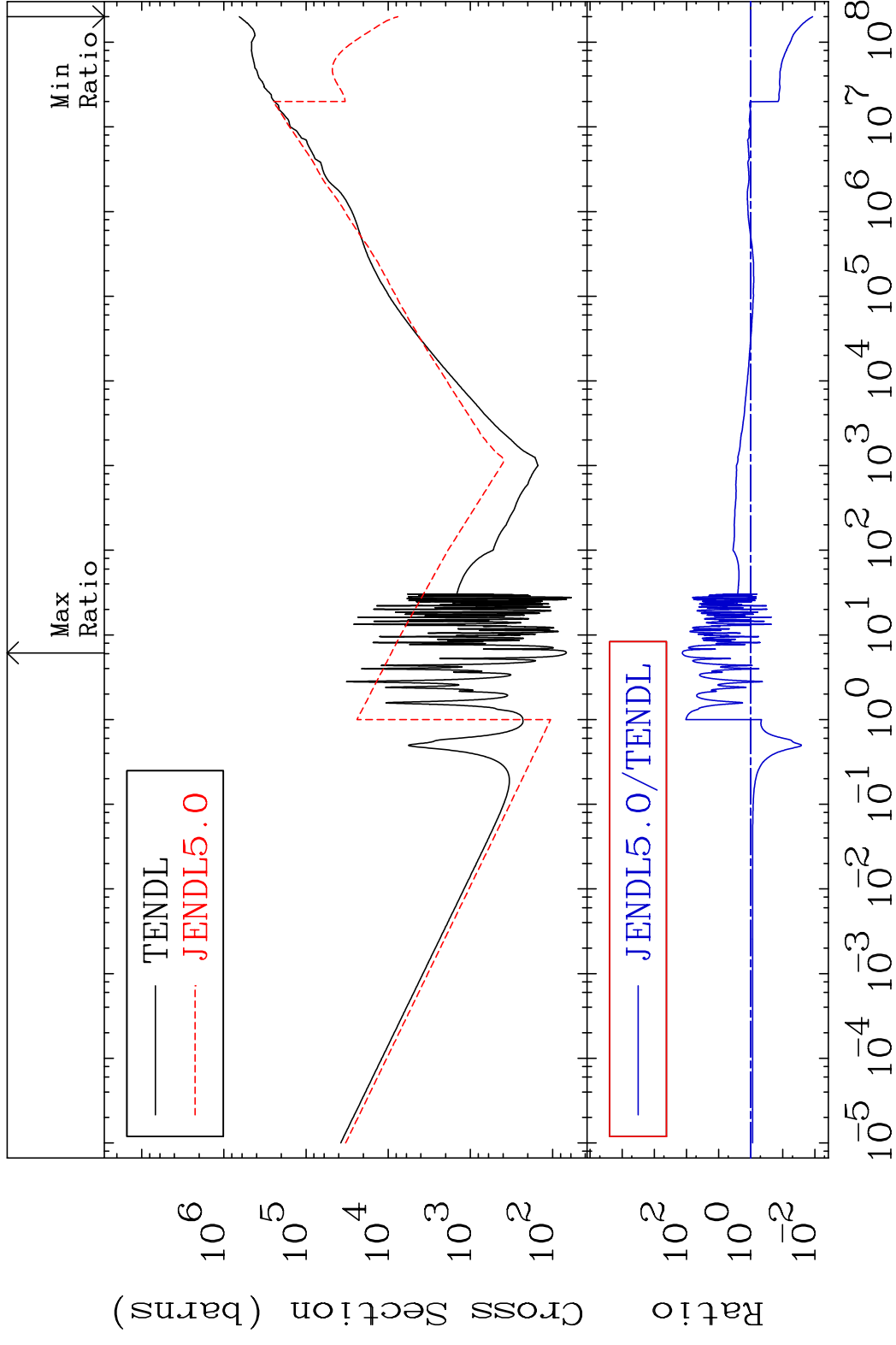




MAT 7716 Total kinematic kerma (high limit) 77-Ir-188  
 Cross Section -90.55 To 3680. %



MAT 7716      Dpa total (eV-barns)      77-Ir-188  
 Cross Section      -98.82 To 9999. %

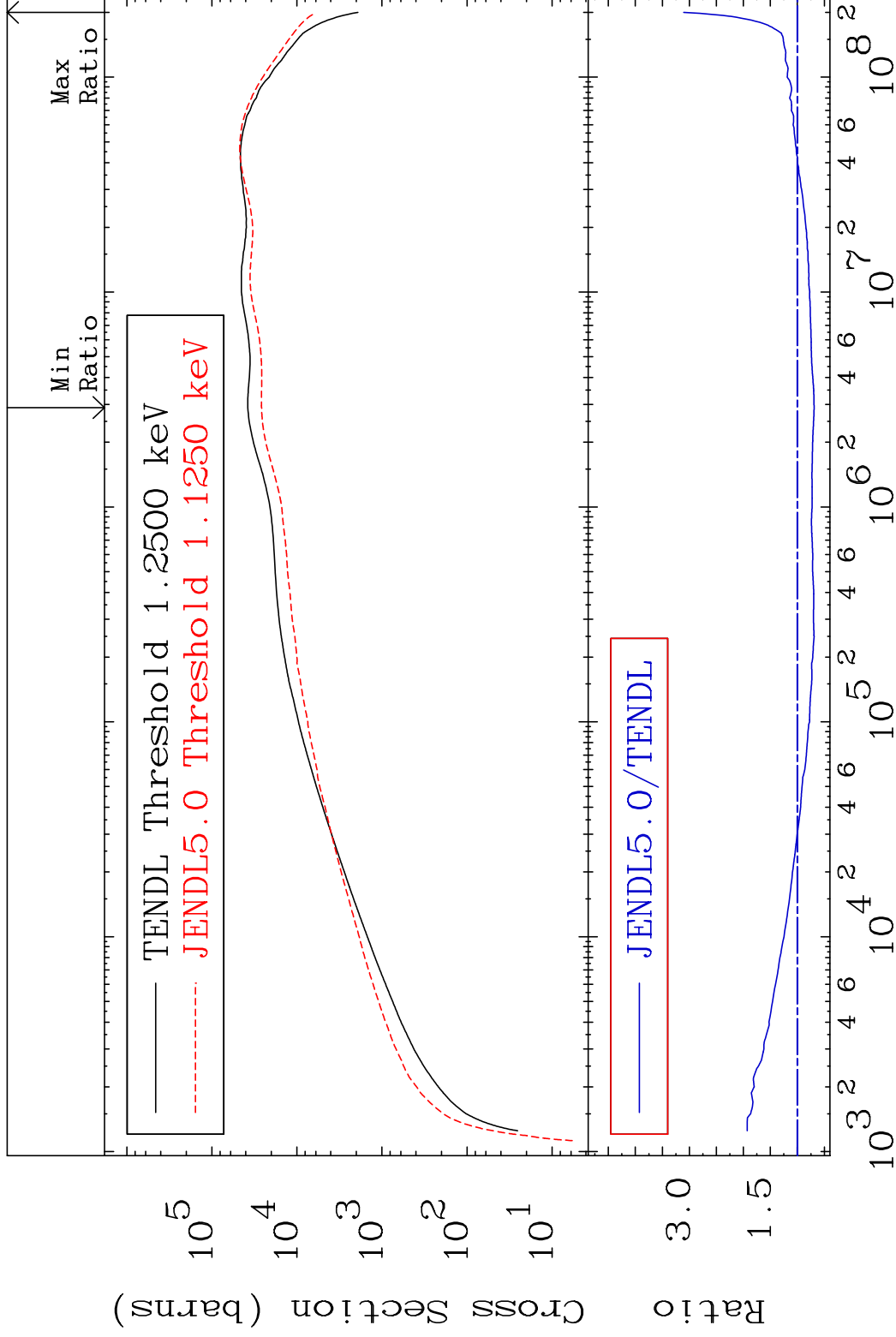


MAT 7716

Dpa elastic (mt2)

77-Ir-188

Cross Section -31.01 To 210.5 %

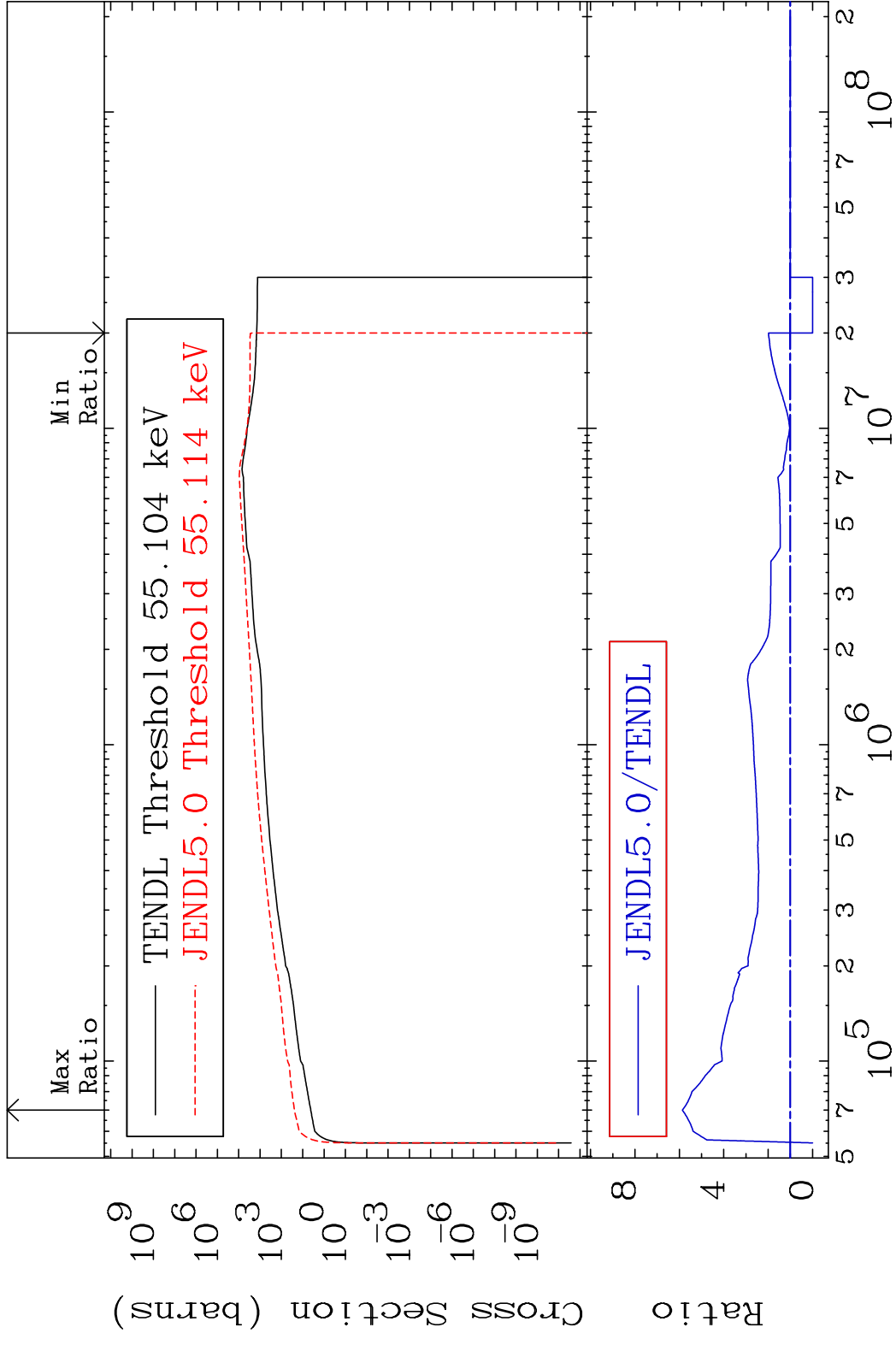


42

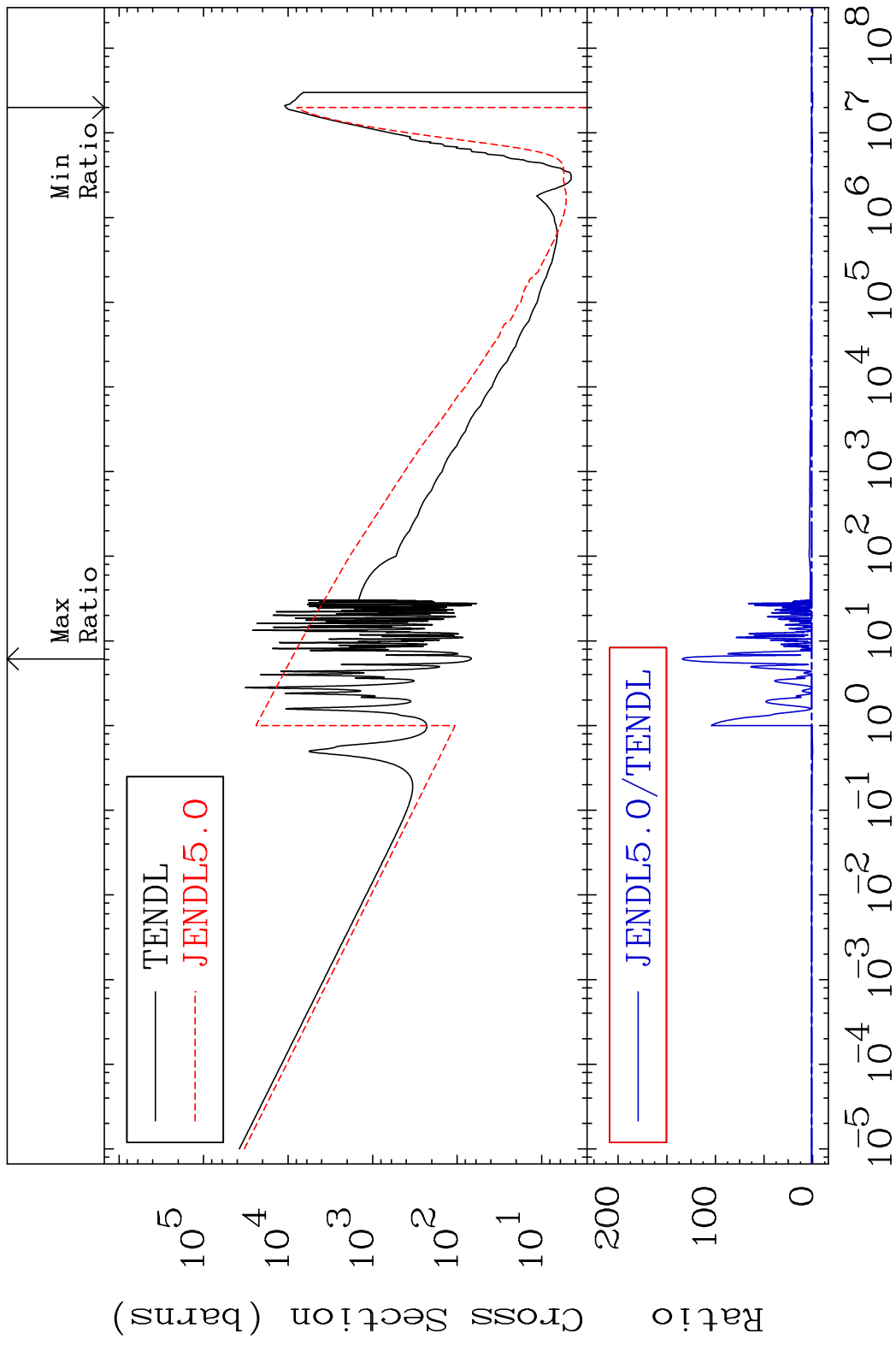
Incident Energy (eV)

77-Ir-188

MAT 7716      Dpa inelastic (mt51-91)      77-Ir-188  
 Cross Section      -100.0 To 486.5 %



MAT 7716 Dpa disappearance (mt102 -120) 77-Ir-188  
 Cross Section -100.0 To 9999. %



MAT 7716 (n,3n):77-Ir-186g 77-Ir-188  
 Radionuclide Production Cross Section Ratio 91.31 %

