

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

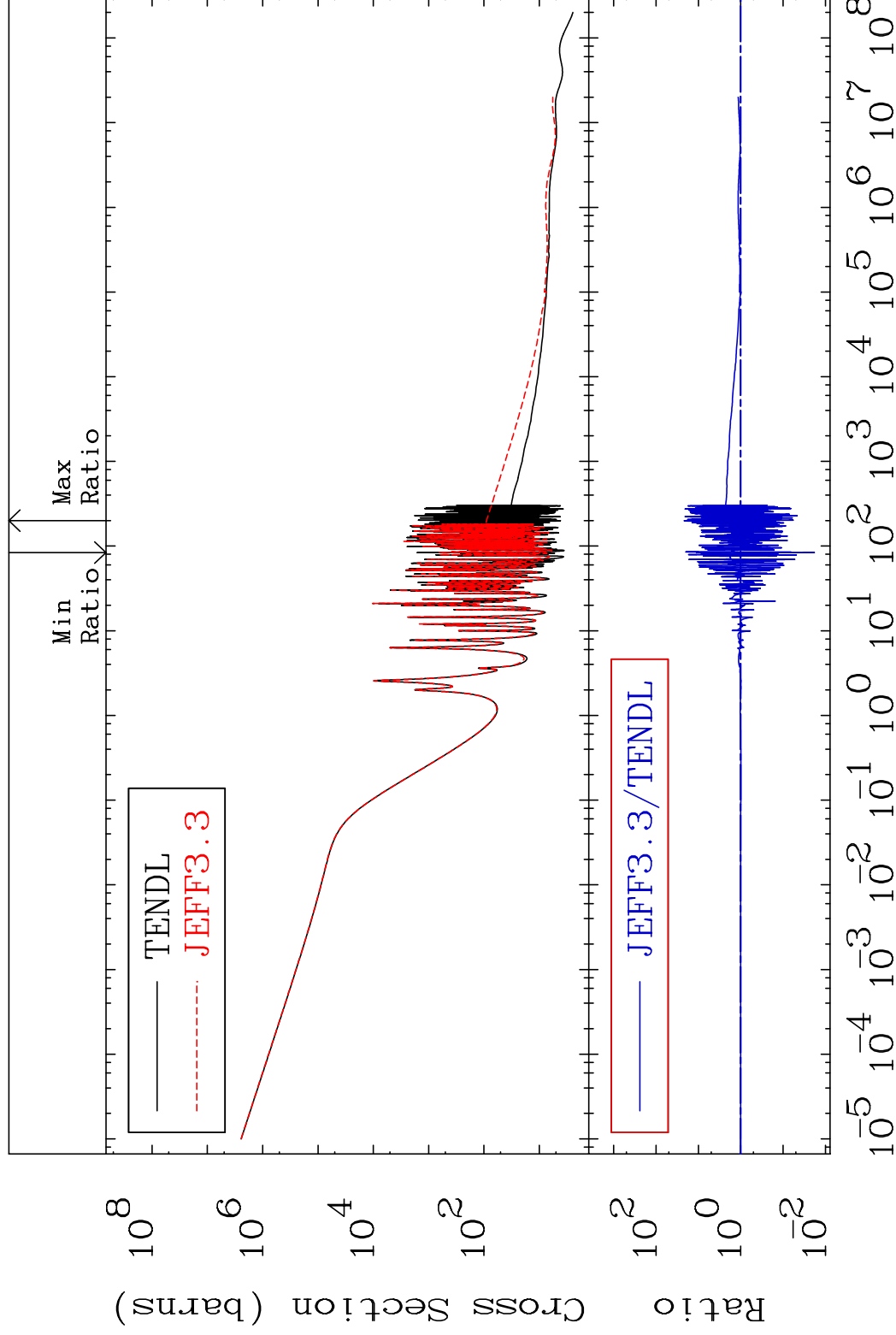
MAT 6434

Total

64-Gd-155

Cross Section

-98.16 To 2080. %



1

Incident Energy (eV)

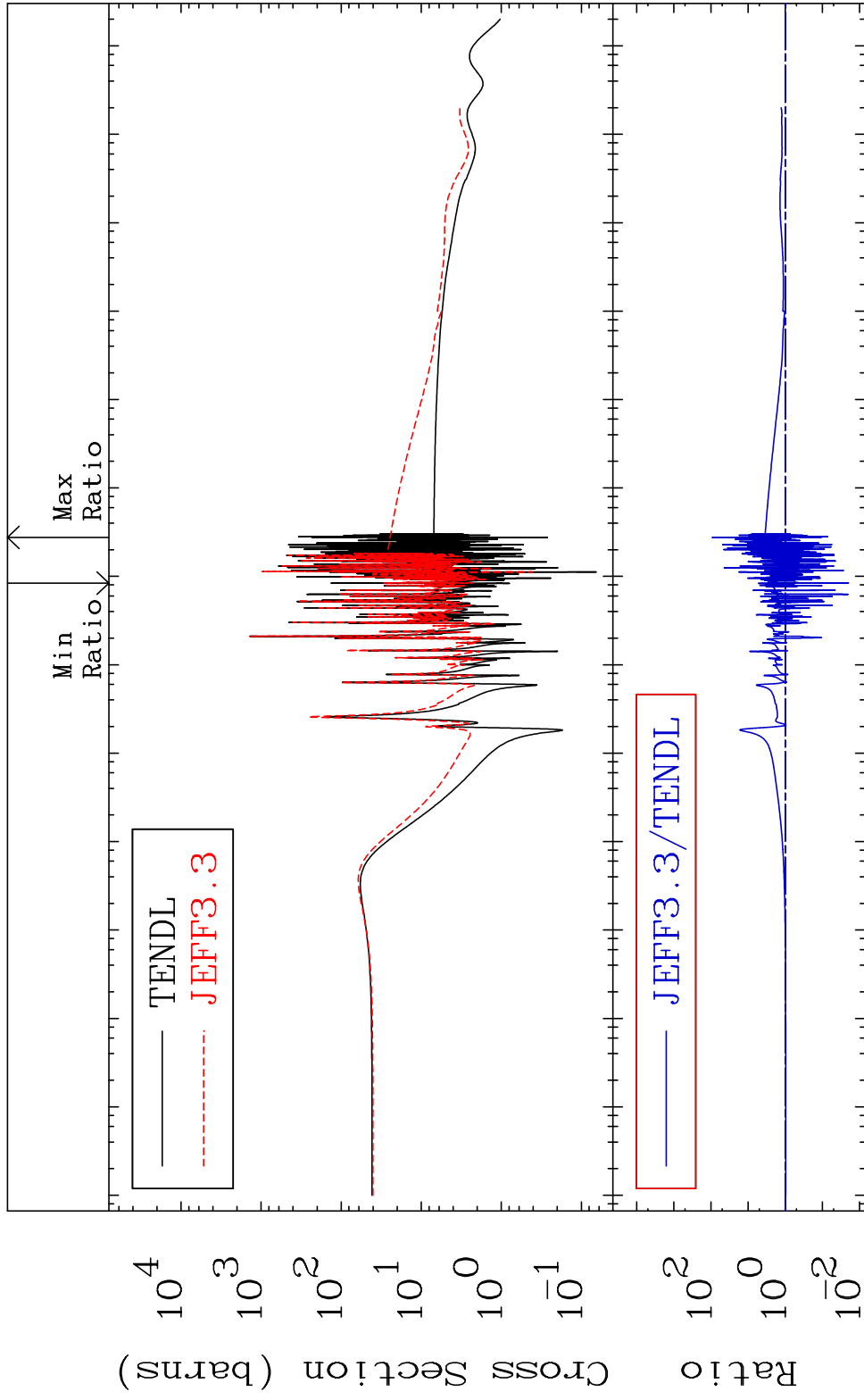
64-Gd-155

MAT 6434

Elastic

64-Gd-155

Cross Section -98.00 To 9065. %



2

Incident Energy (eV)

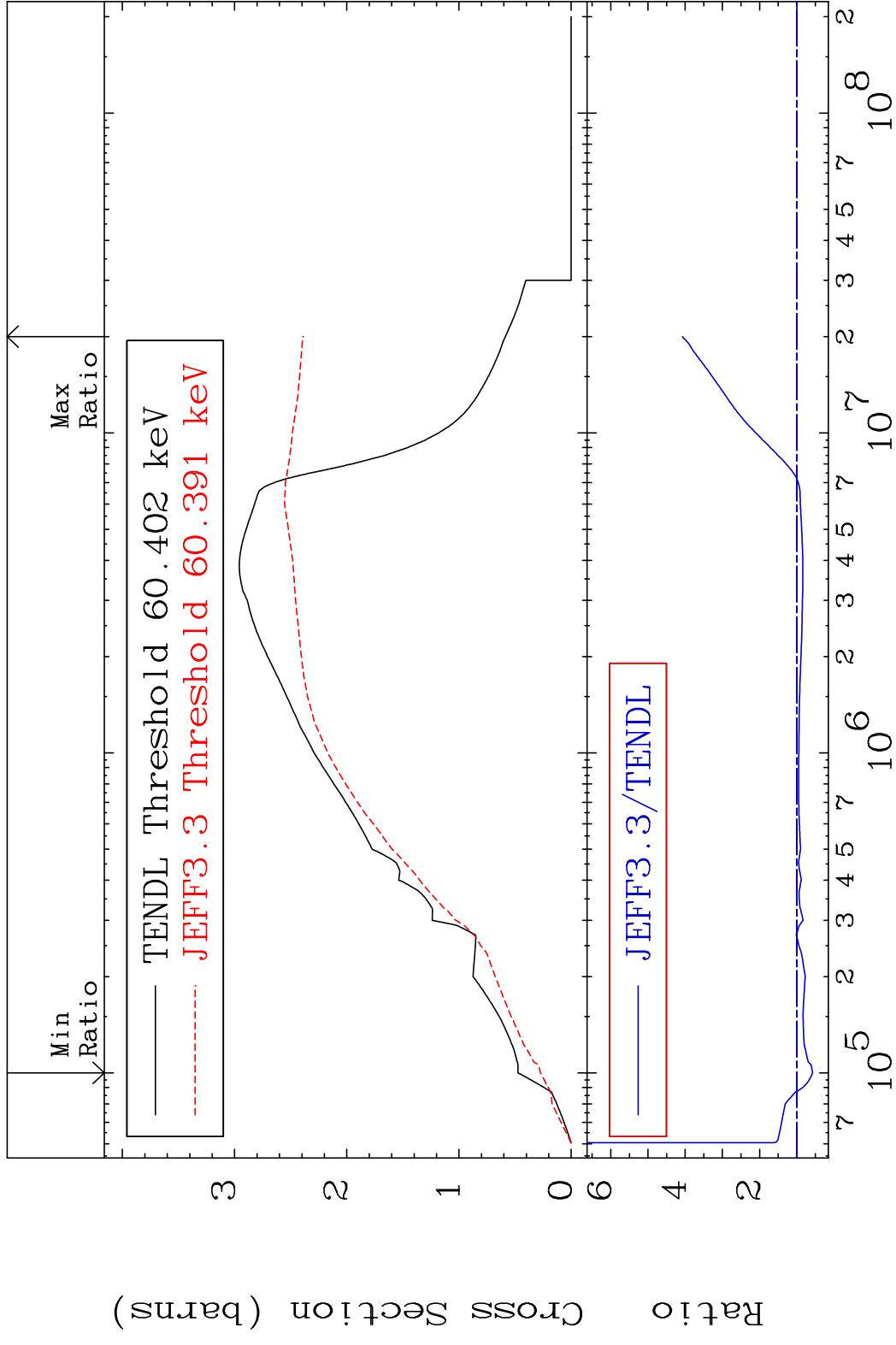
64-Gd-155

MAT 6434

Inelastic

64-Gd-155

Cross Section -42.25 To 307.6 %

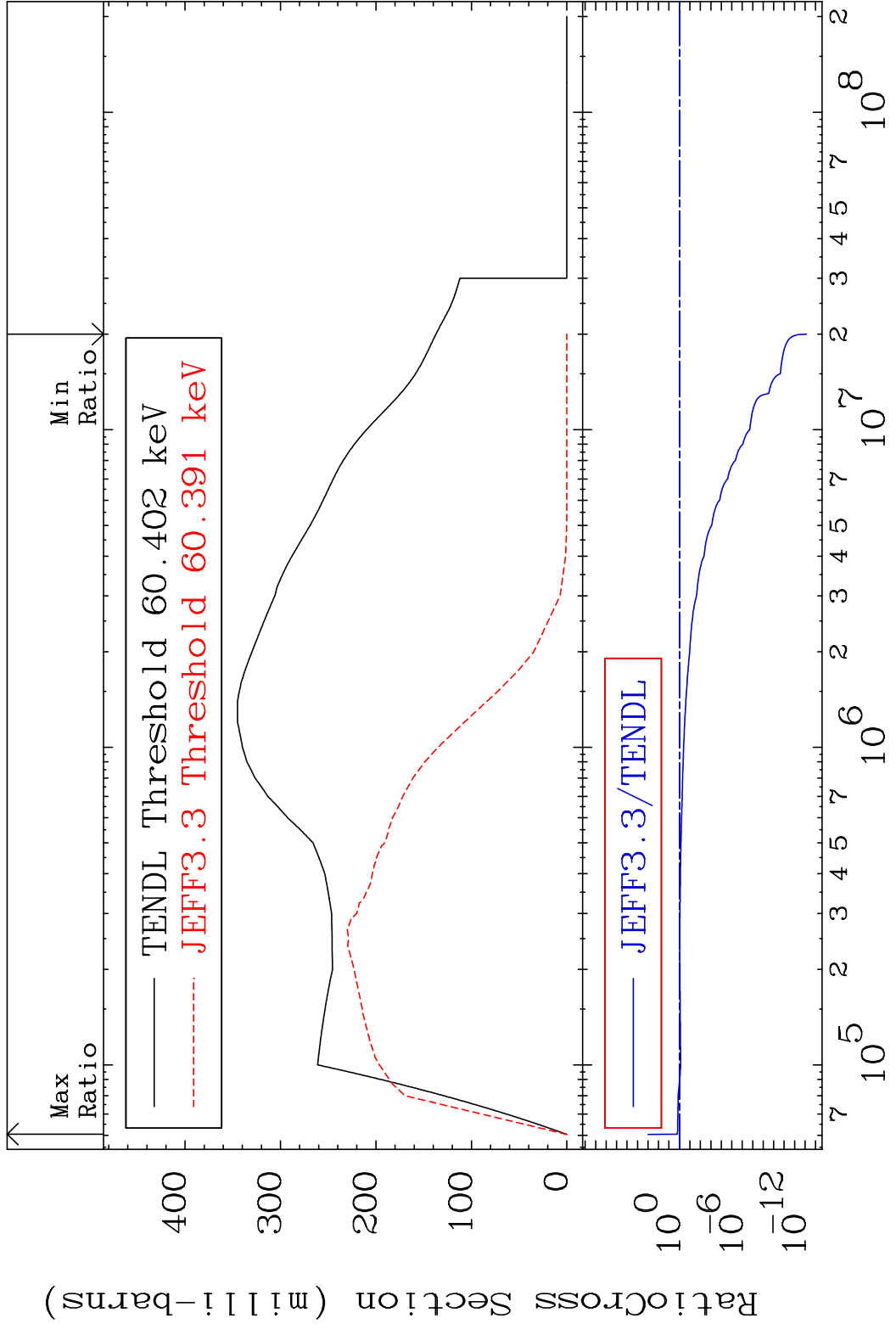


3

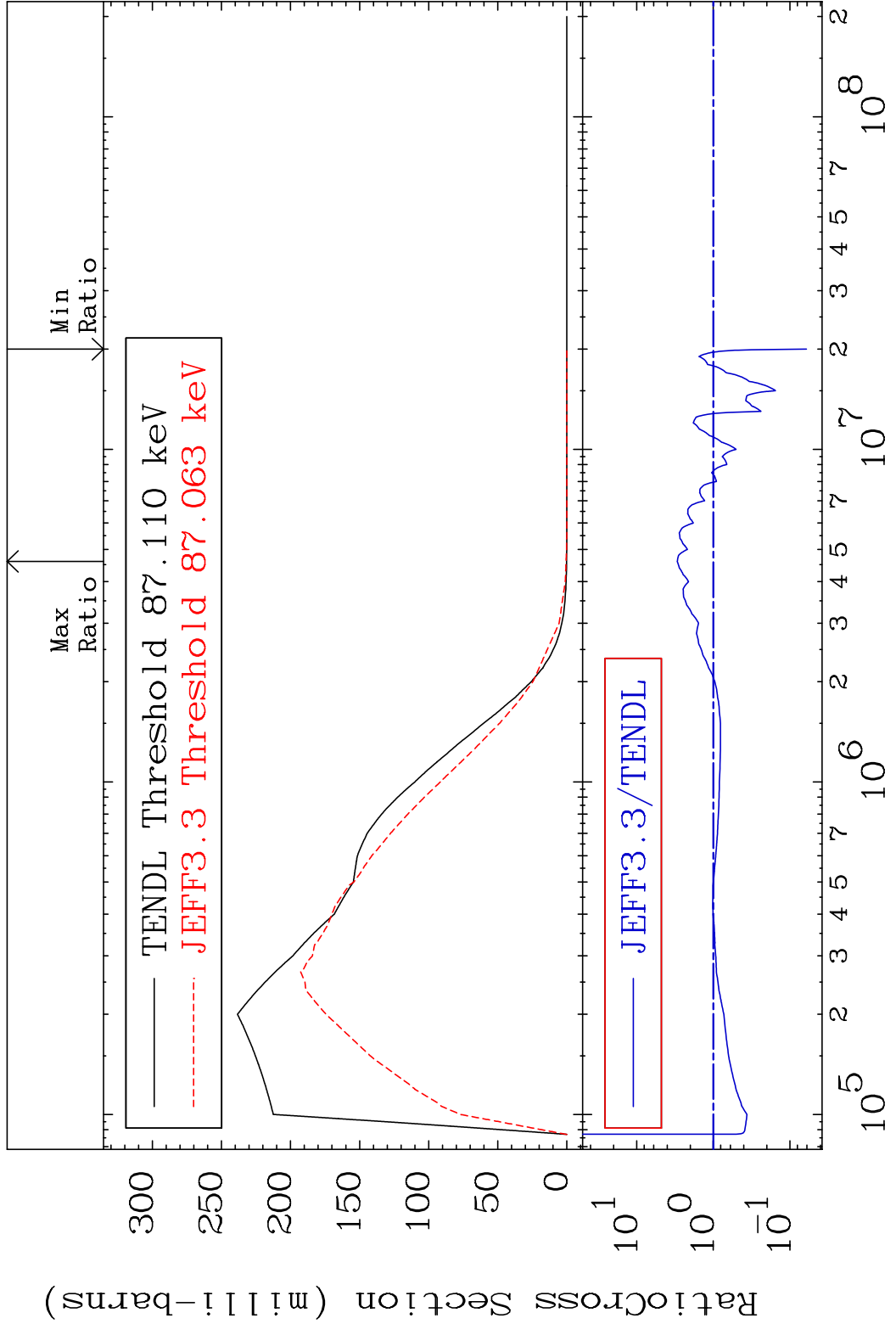
Incident Energy (eV)

64-Gd-155

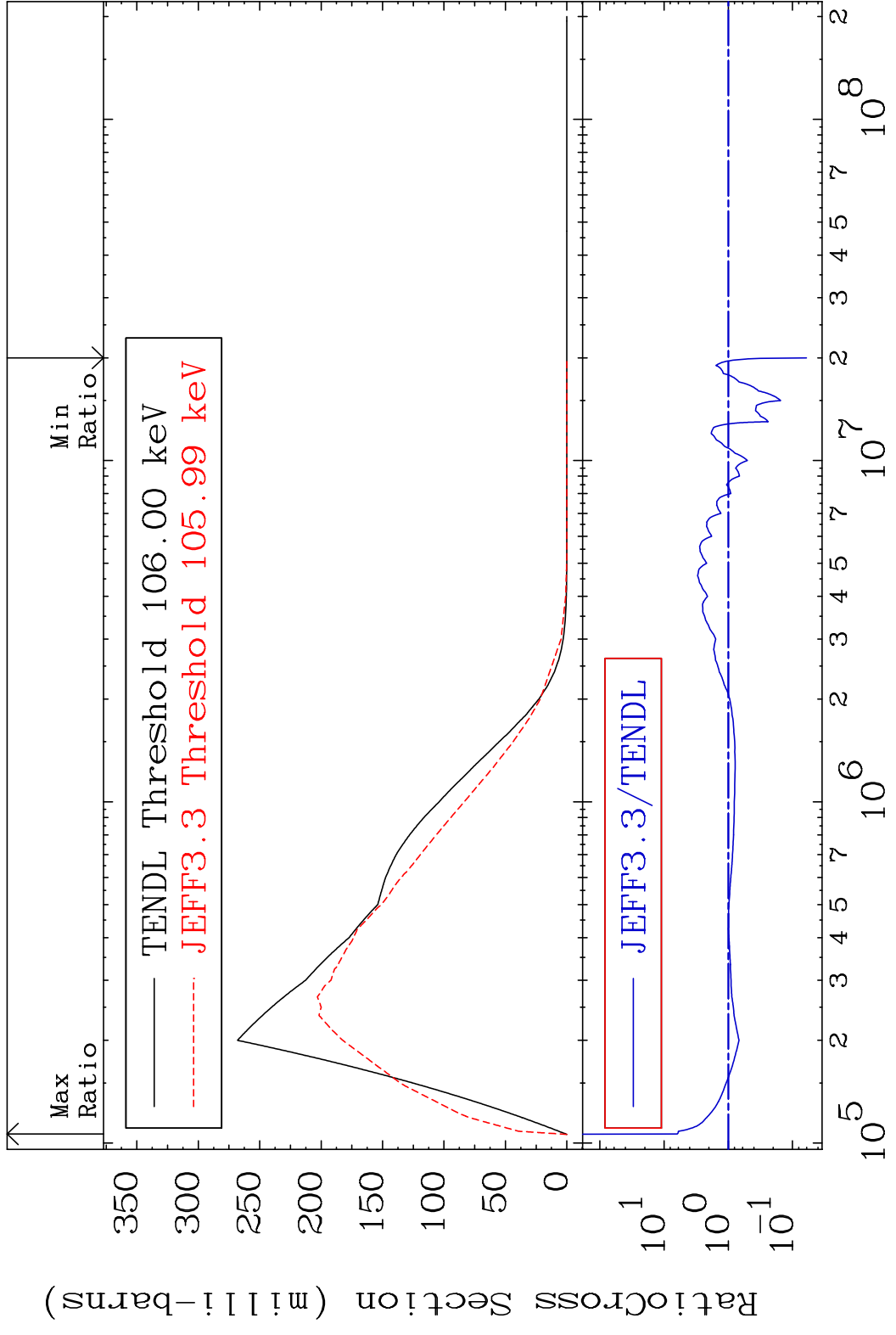
MAT 6434 MT= 51 (n,n') Level 64-Gd-155  
 Cross Section -100.0 To 63.65 %



MAT 6434 MT= 52 (n, n') Level 64-Gd-155  
 Cross Section -93.91 To 196.3 %

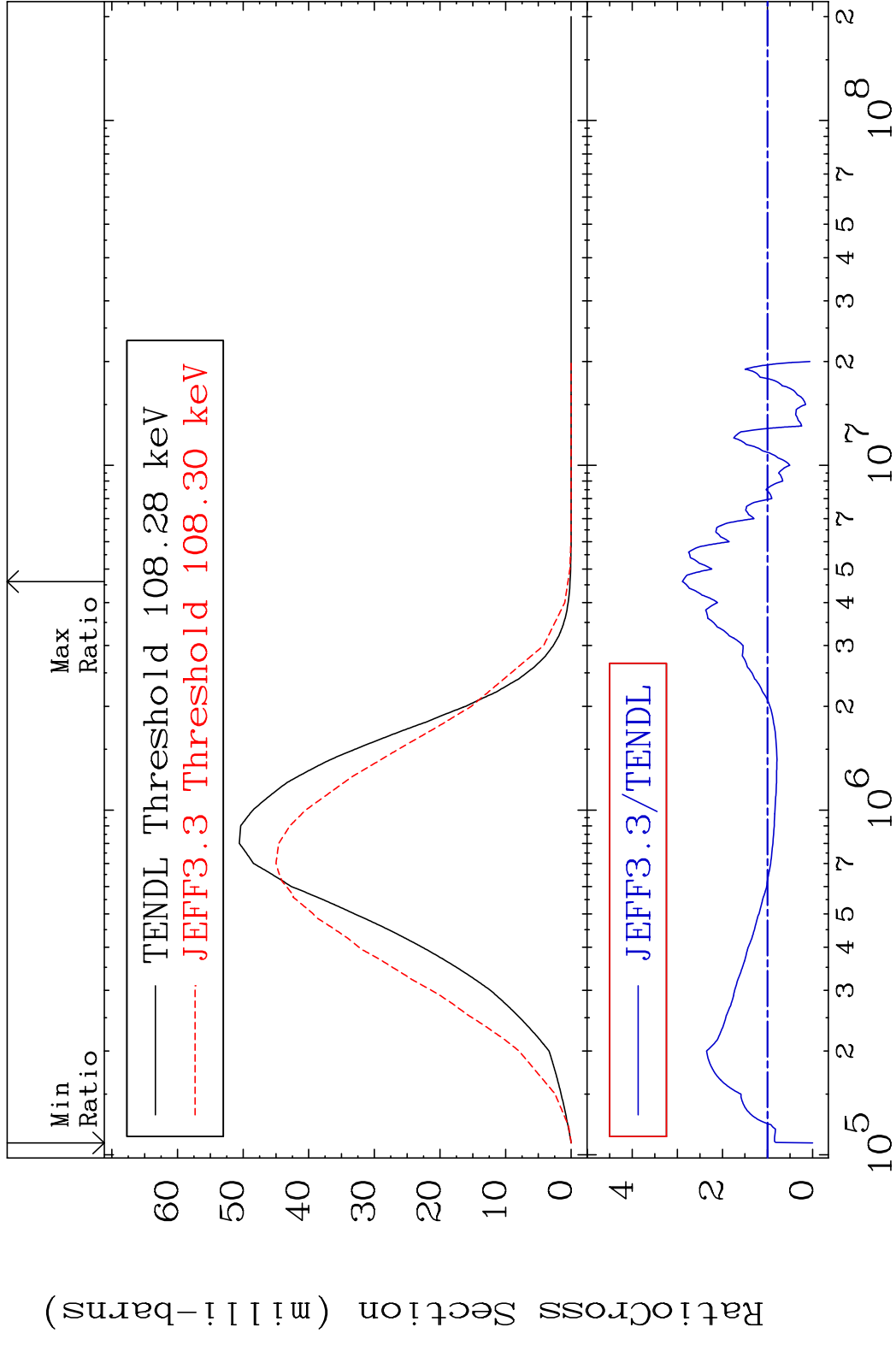


MAT 6434 MT= 53 (n,n') Level 64-Gd-155  
 Cross Section -93.93 To 525.0 %

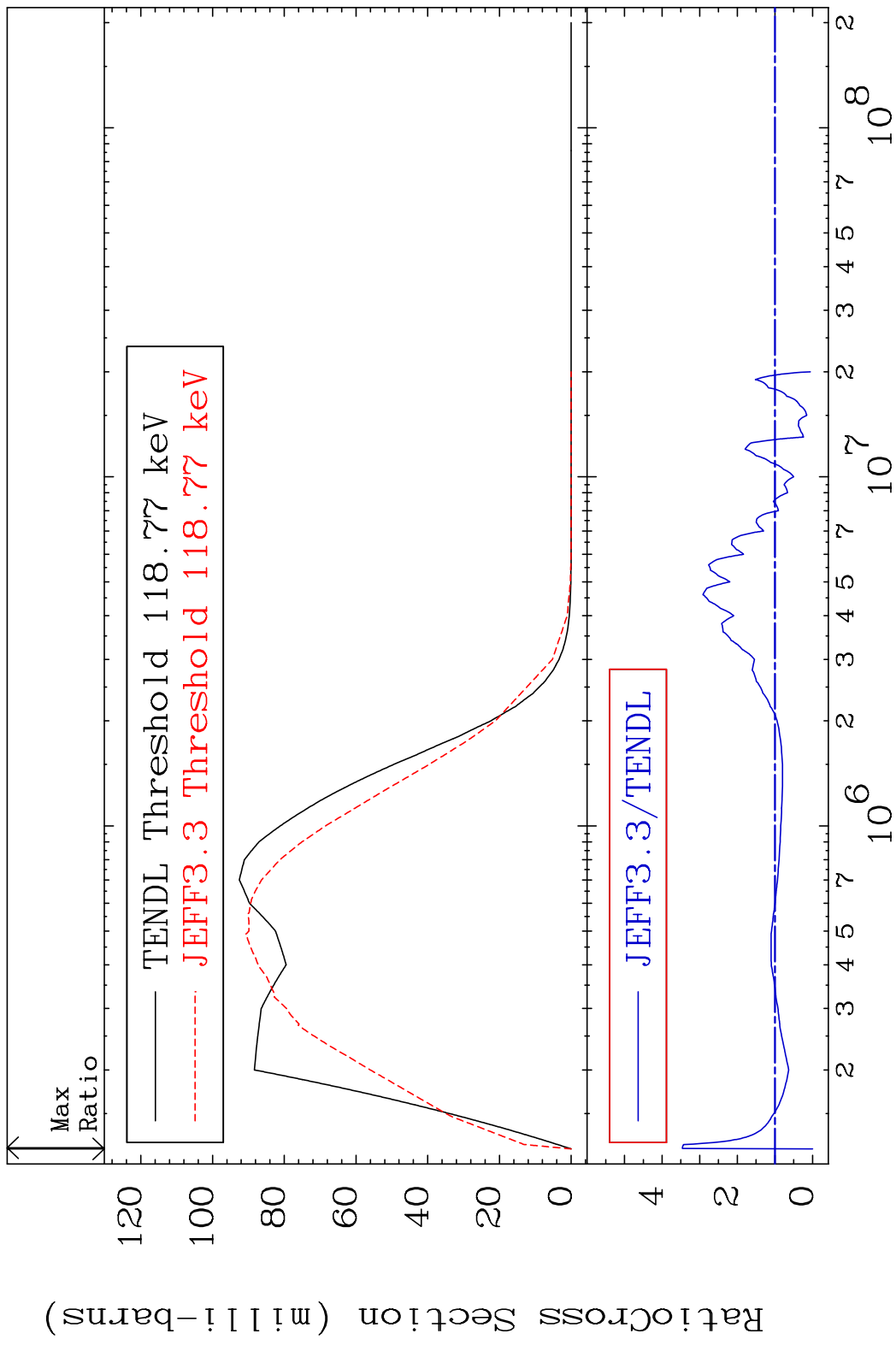


6 Incident Energy (eV) 64-Gd-155

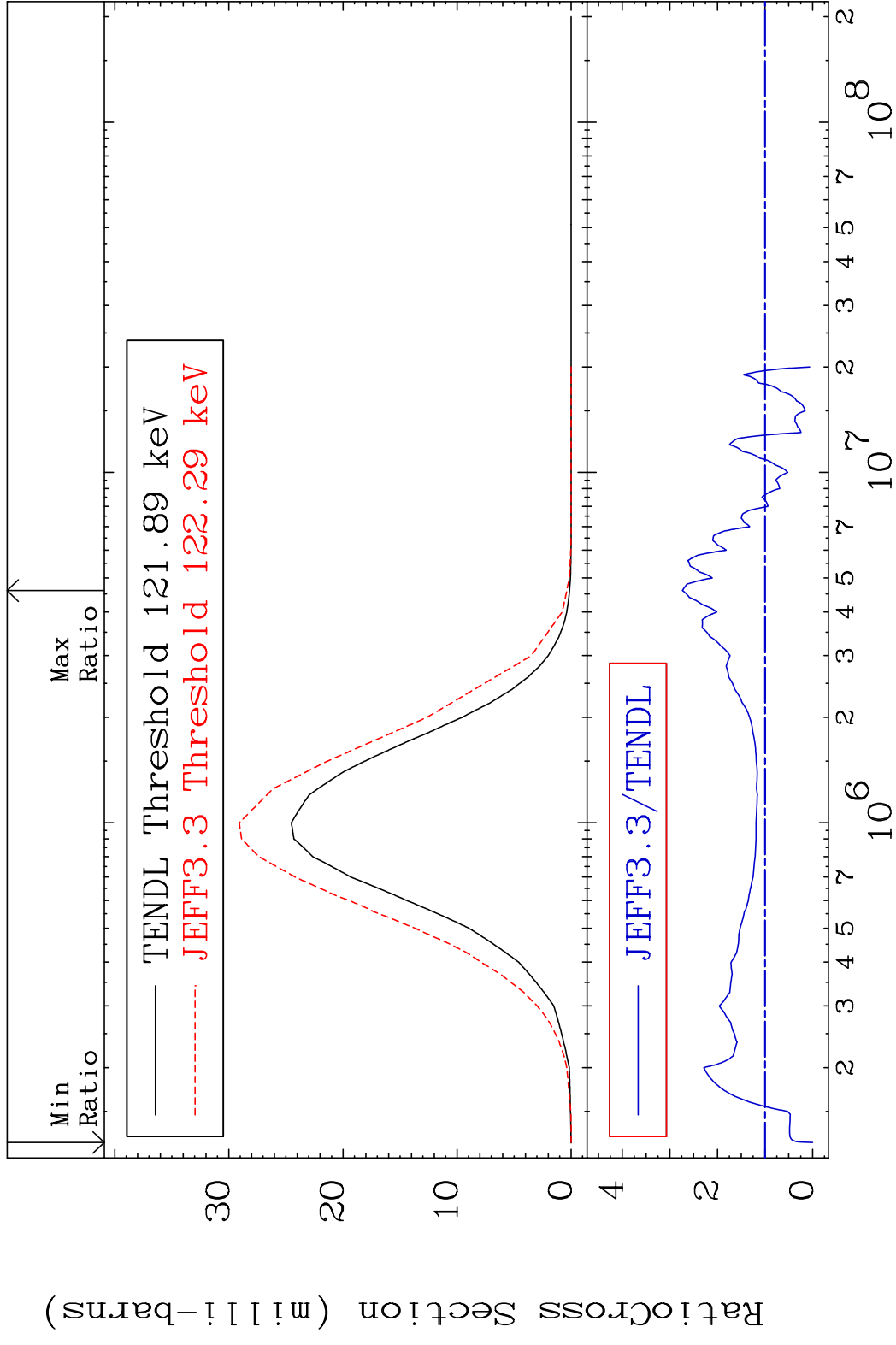
MAT 6434 MT= 54 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 188.9 %



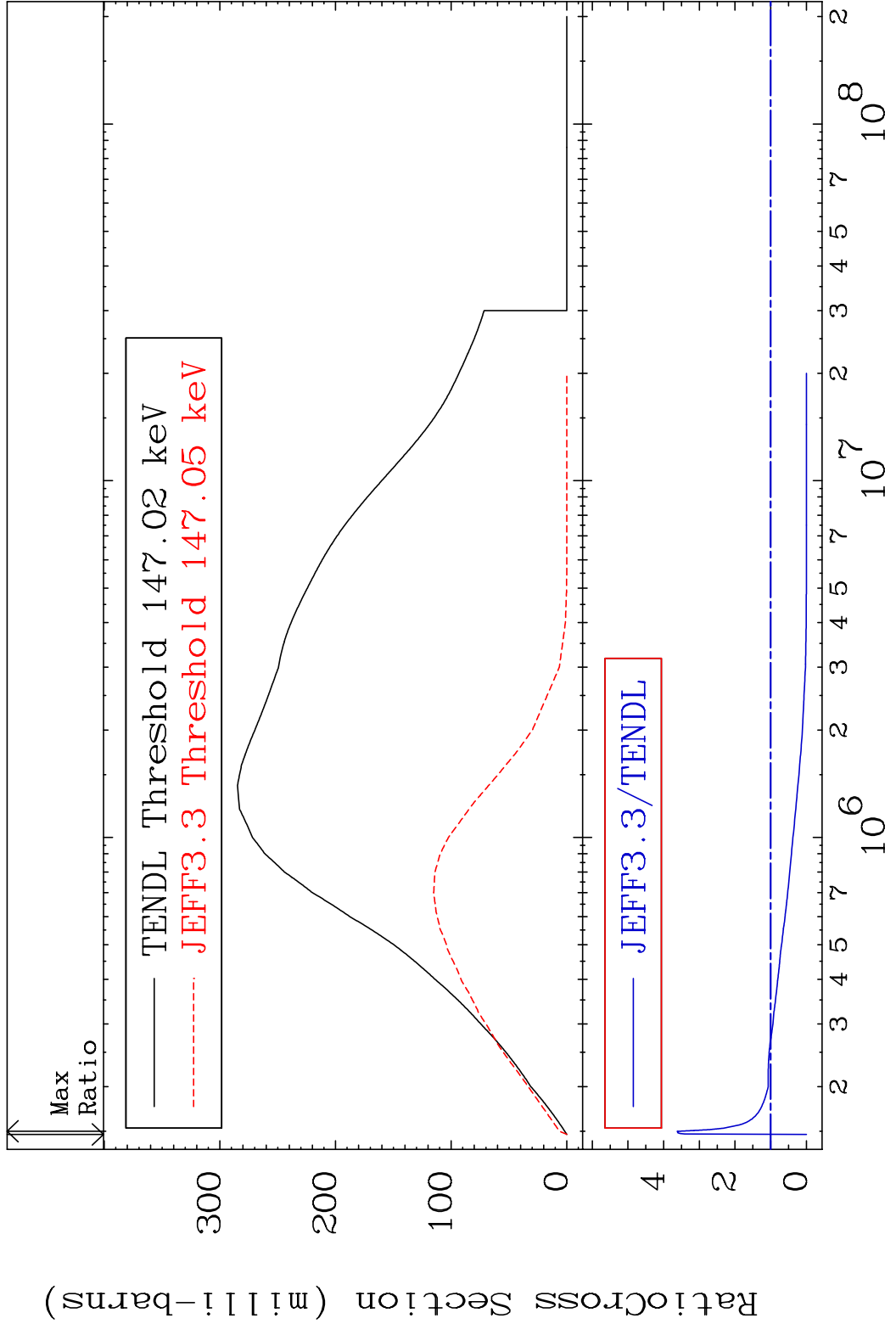
MAT 6434 MT= 55 (n,n') Level 64-Gd-155  
 Cross Section -100.0 To 246.2 %



MAT 6434 MT= 56 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 173.7 %

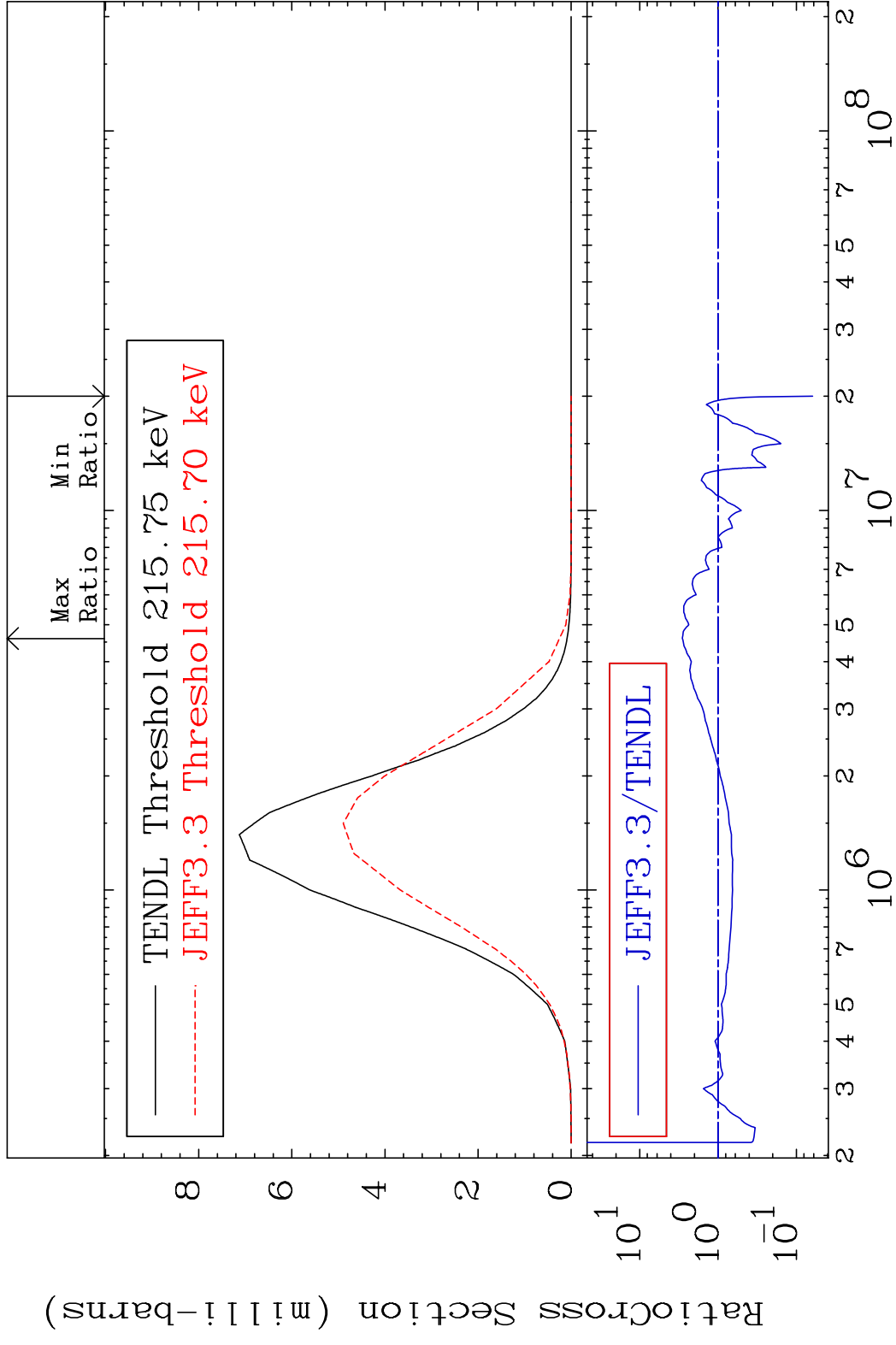


MAT 6434 MT= 57 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 262.1 %

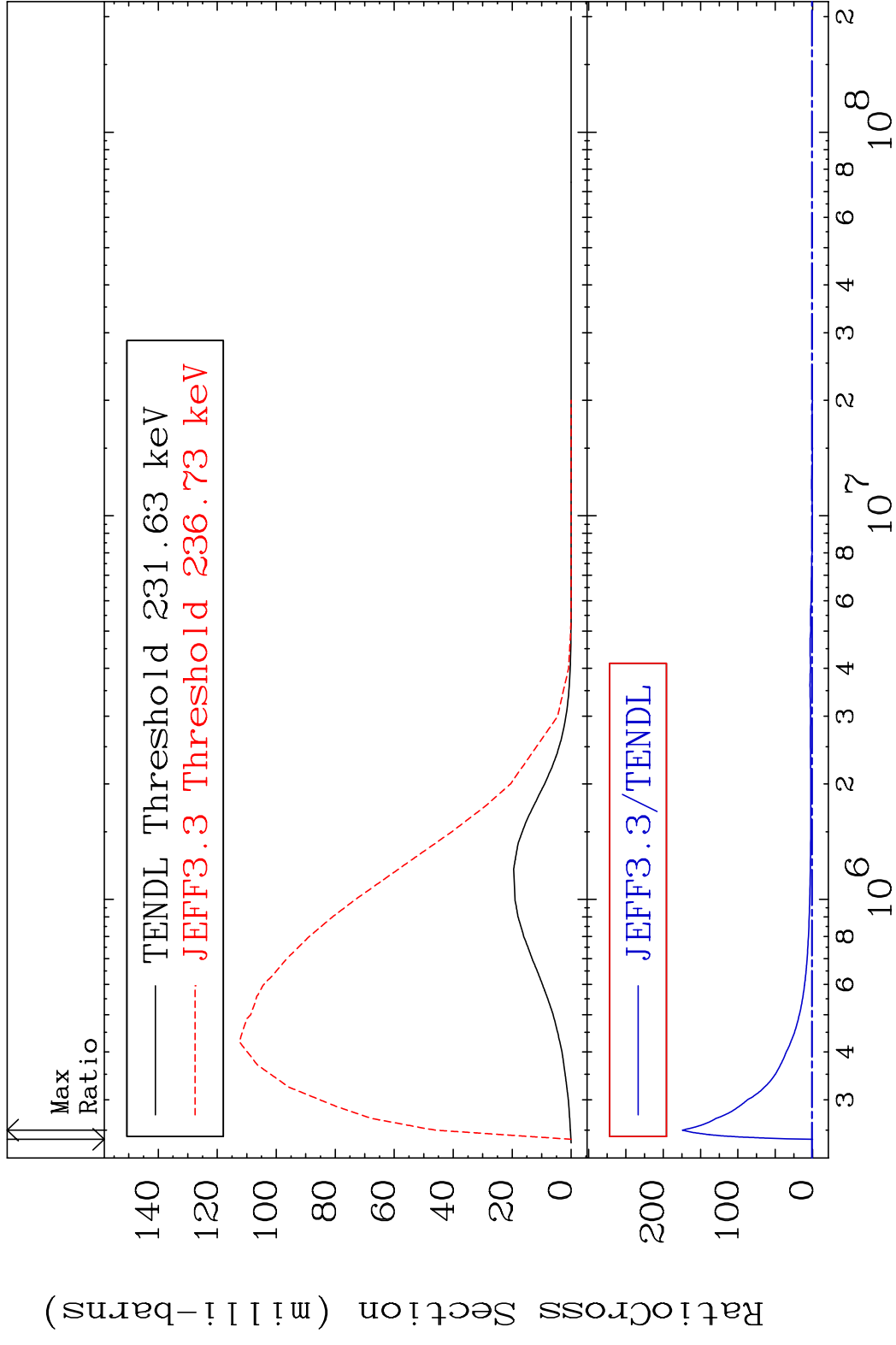


10 Incident Energy (eV) 64-Gd-155

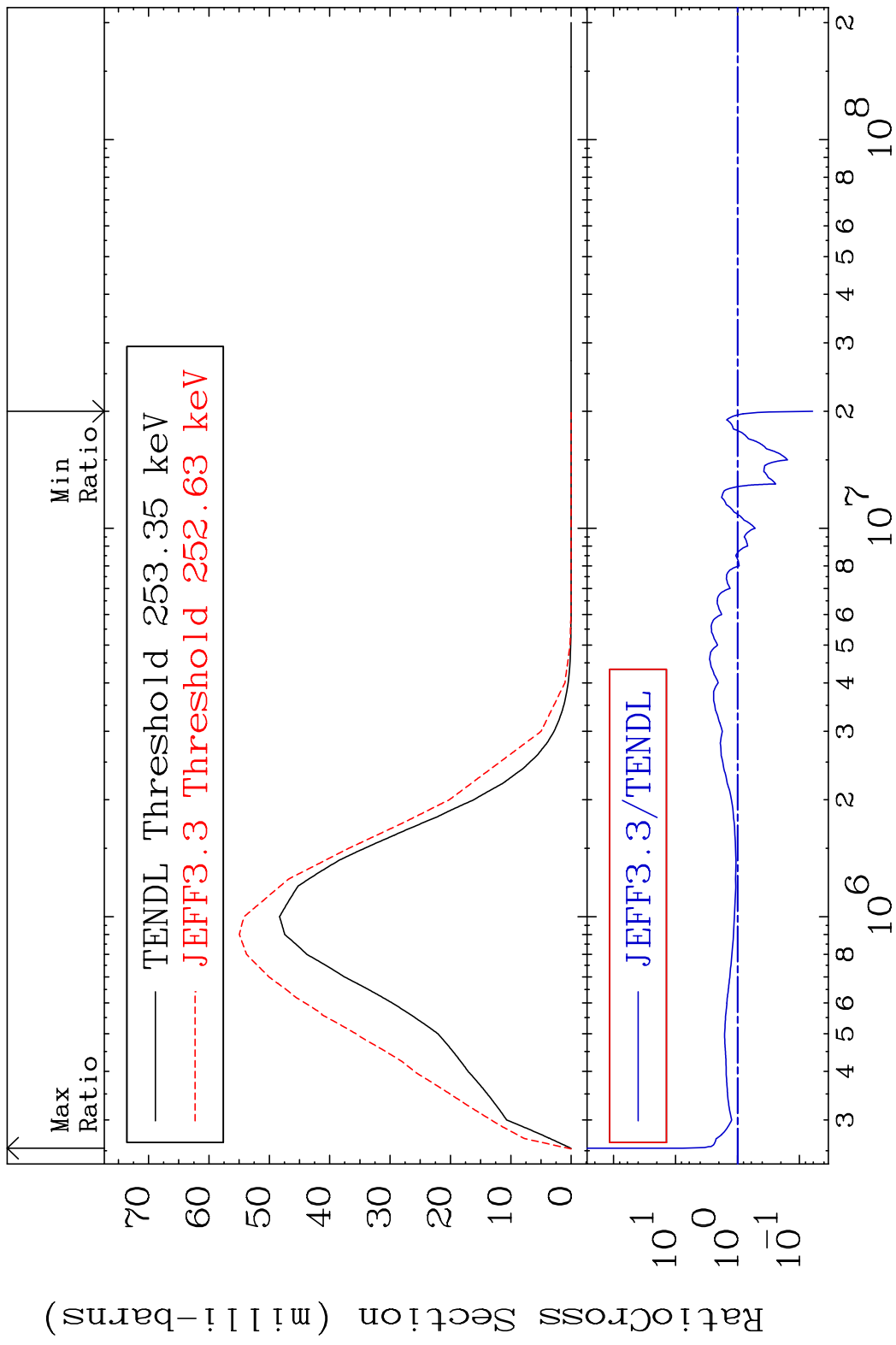
MAT 6434 MT= 58 (n, n') Level 64-Gd-155  
 Cross Section -93.78 To 185.2 %



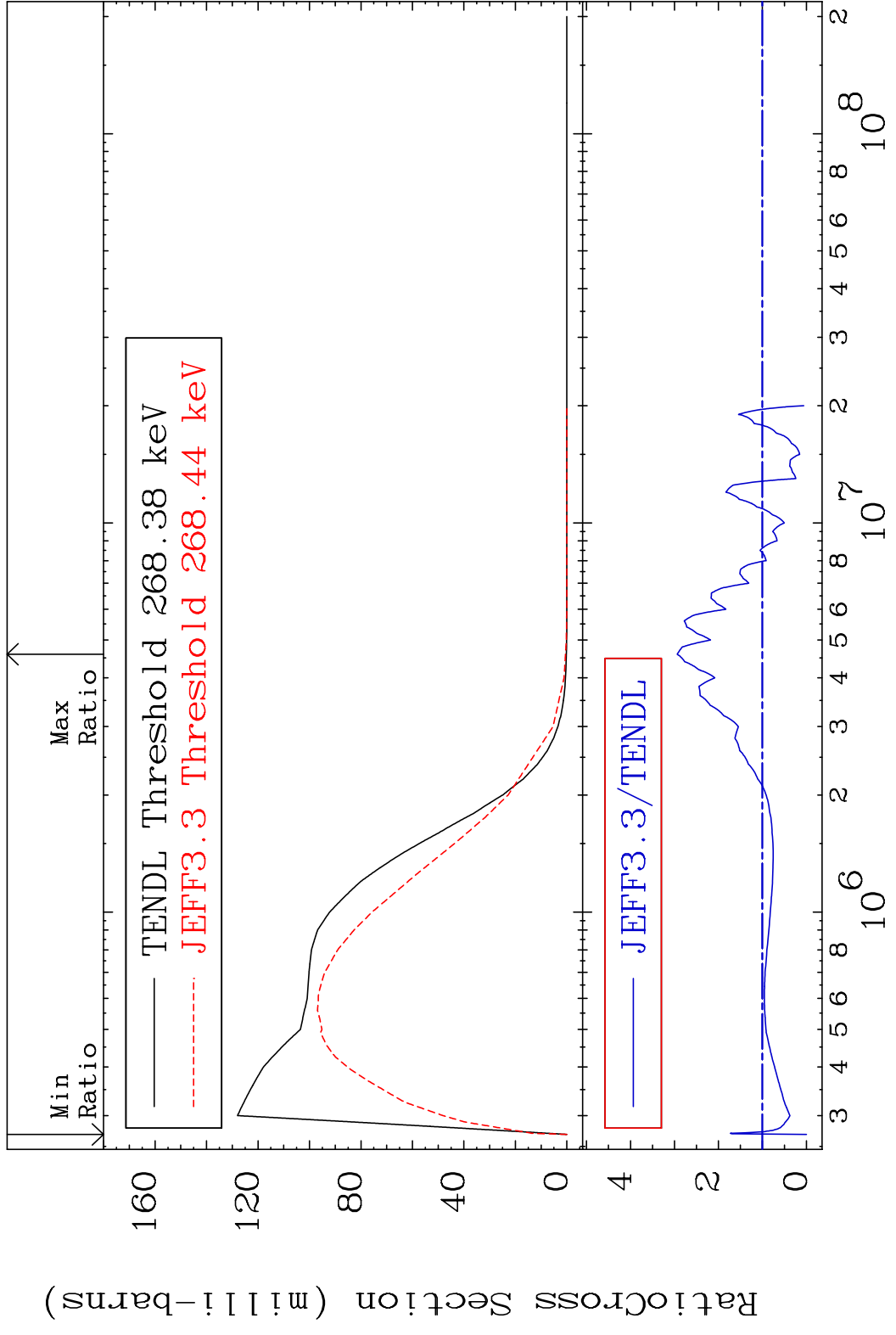
MAT 6434 MT= 59 (n,n') Level 64-Gd-155  
 Cross Section -100.0 To 9999. %



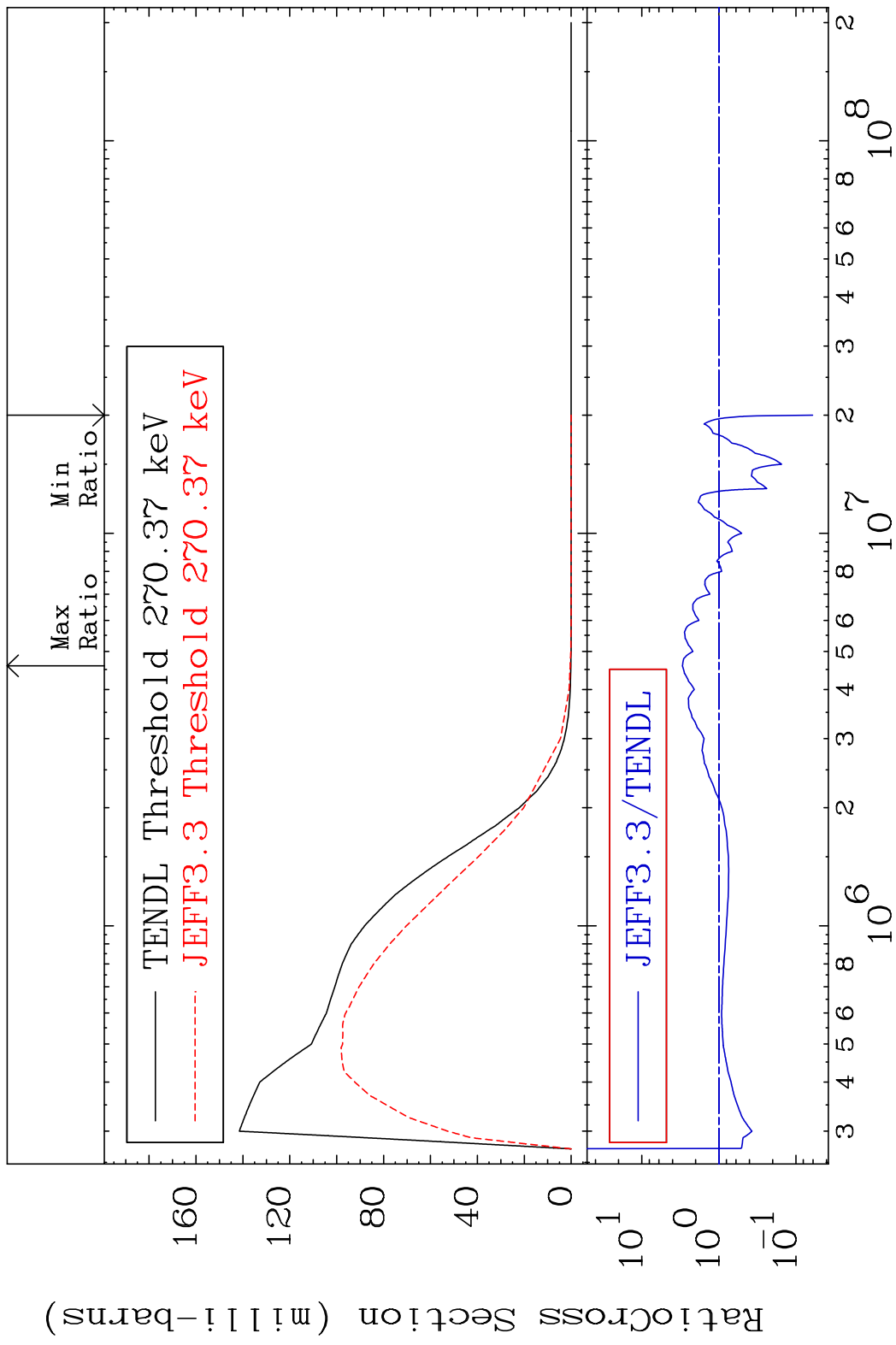
MAT 6434 MT= 60 (n, n') Level 64-Gd-155  
 Cross Section -93.85 To 676.3 %



MAT 6434 MT= 61 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 193.8 %

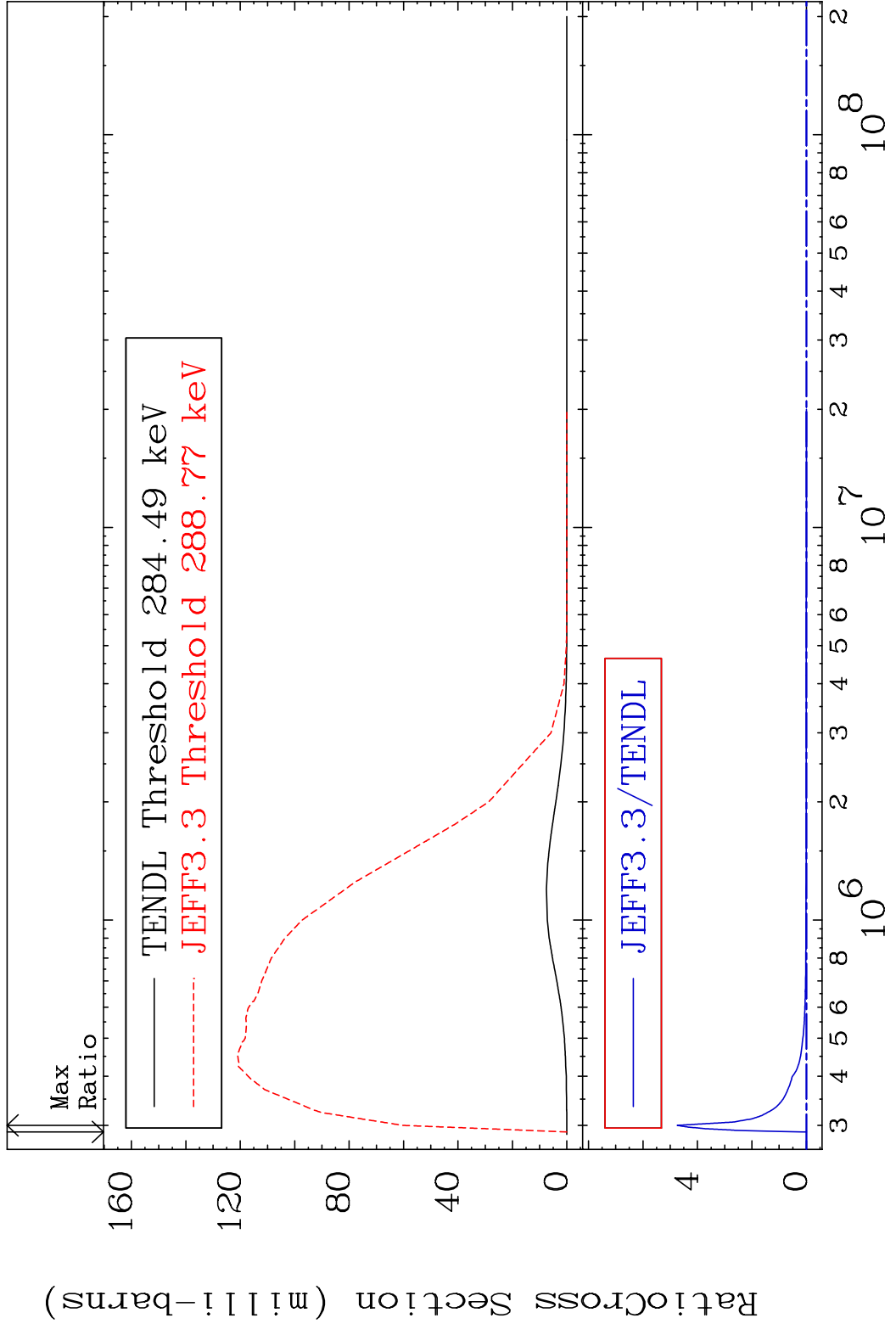


MAT 6434 MT= 62 (n, n') Level 64-Gd-155  
 Cross Section -93.92 To 197.7 %

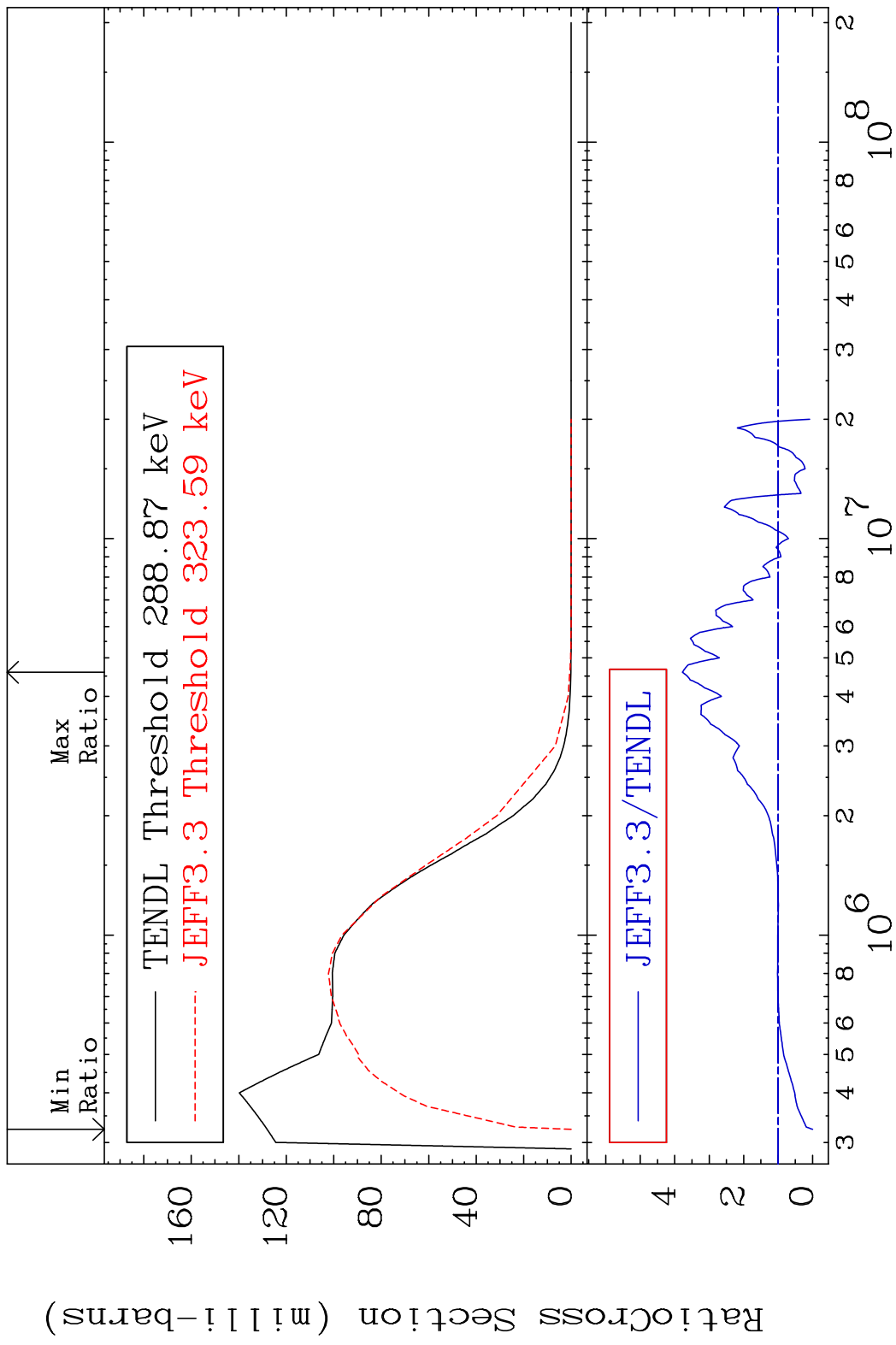


15 Incident Energy (eV) 64-Gd-155

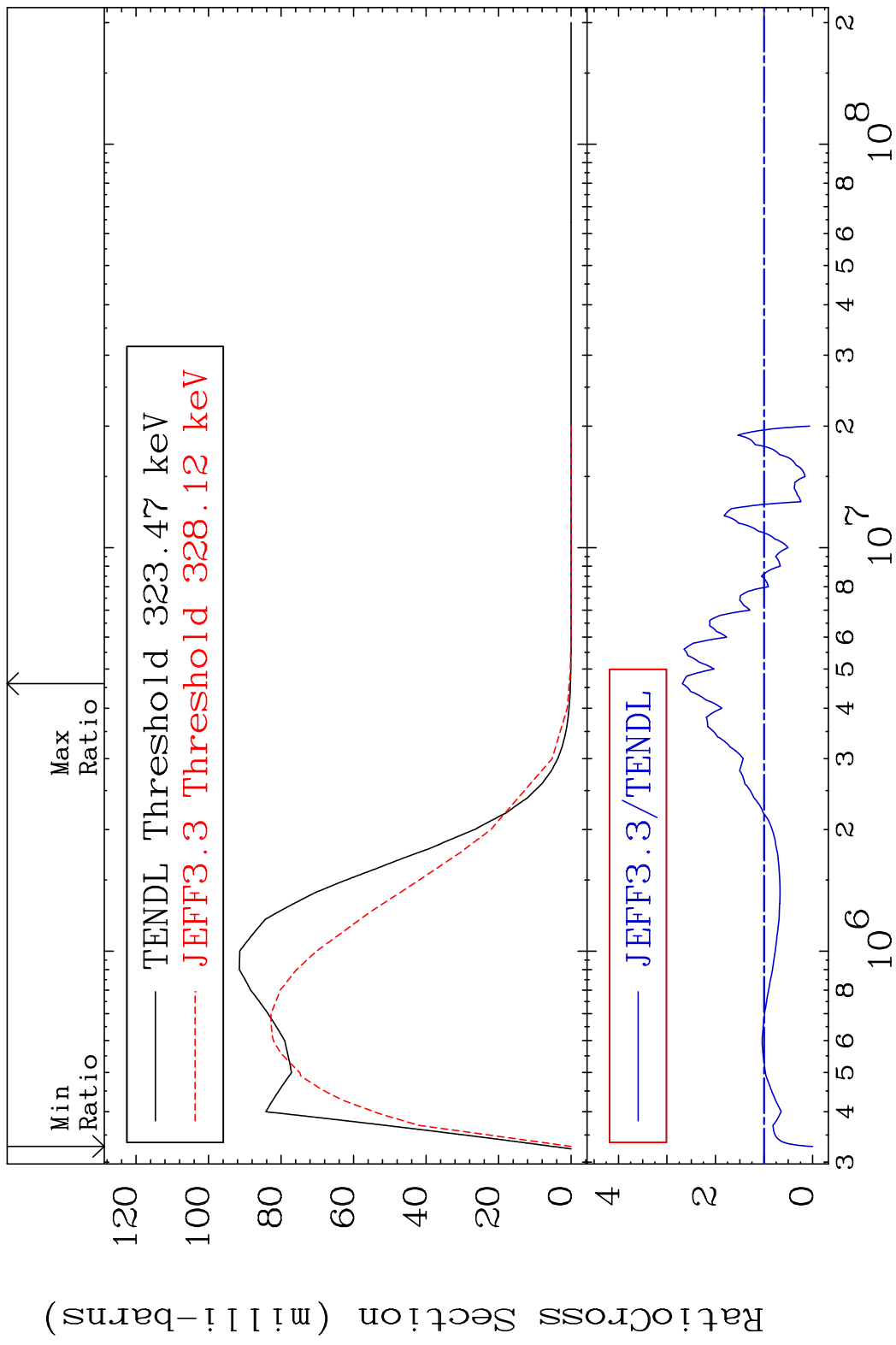
MAT 6434 MT= 63 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 9999. %



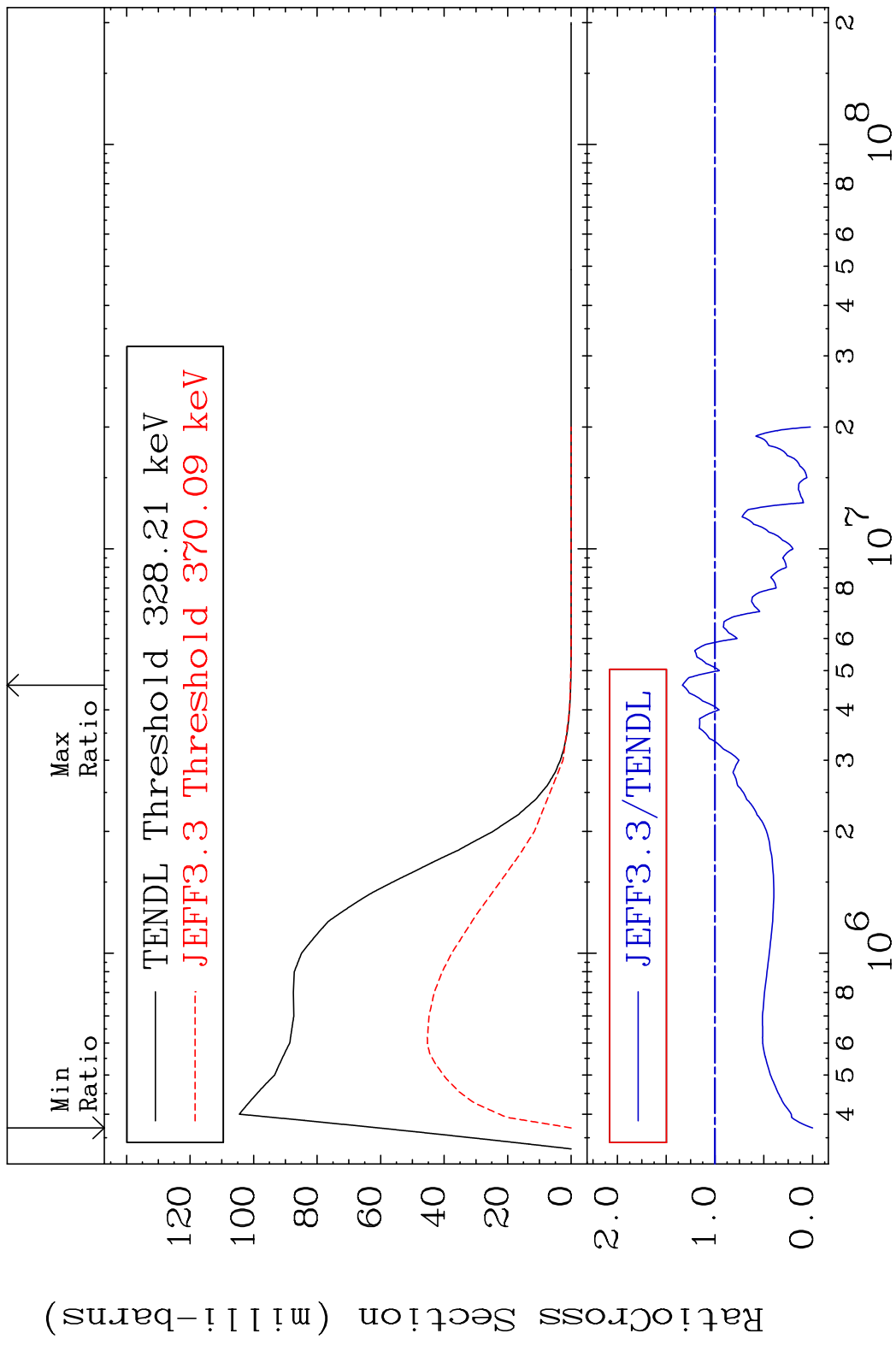
MAT 6434 MT= 64 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 277.9 %



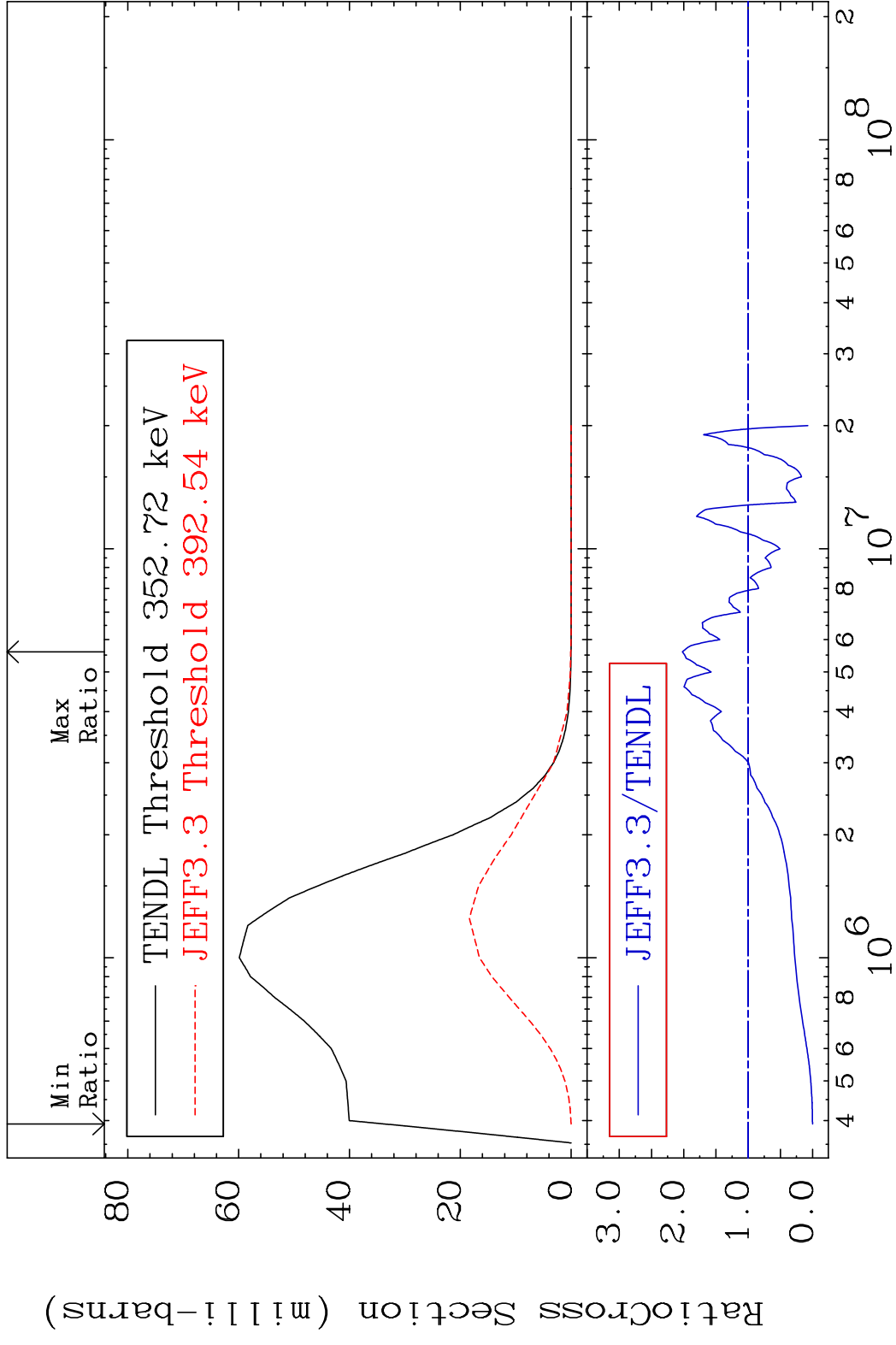
MAT 6434 MT= 65 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 168.3 %



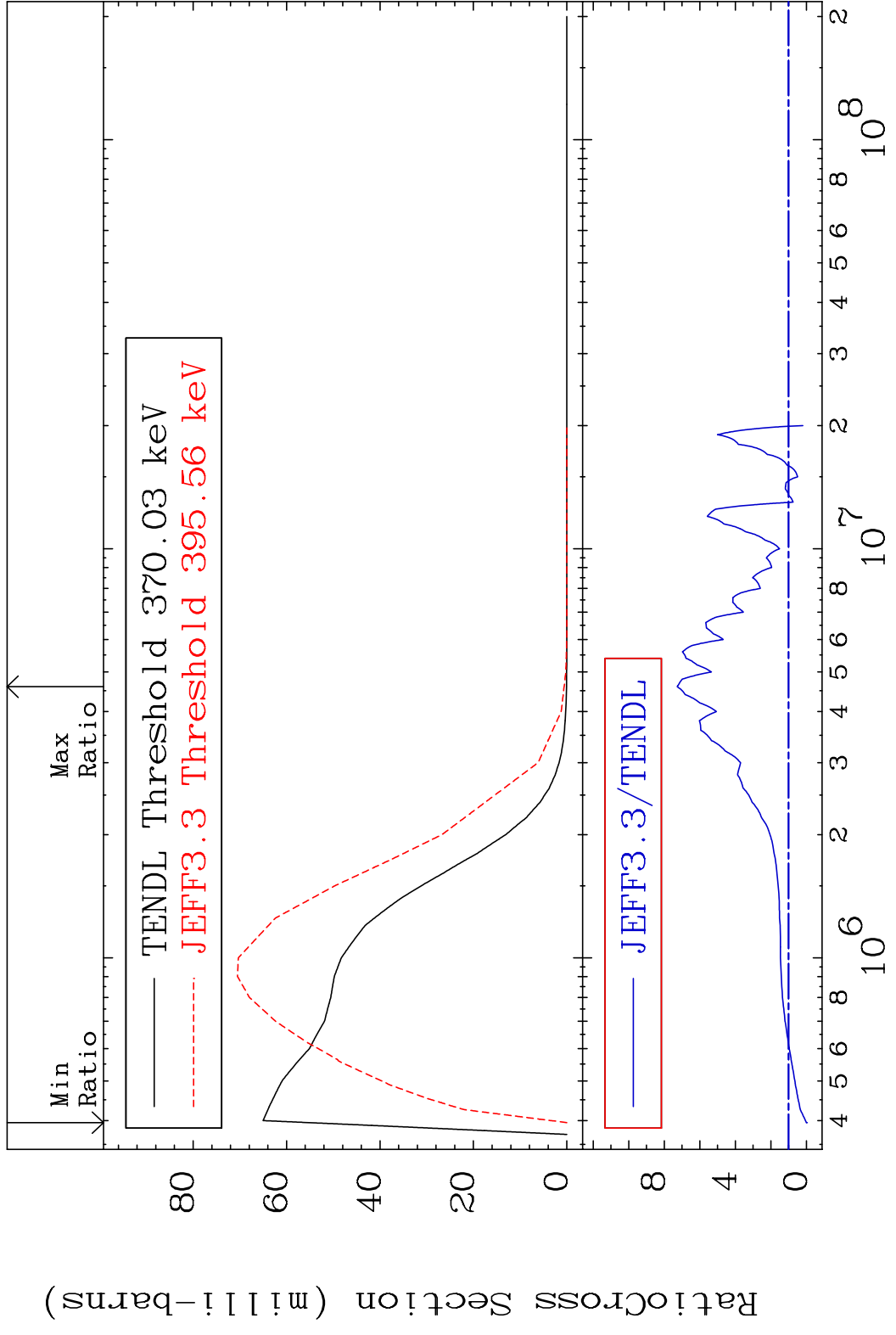
MAT 6434 MT= 66 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 33.44 %



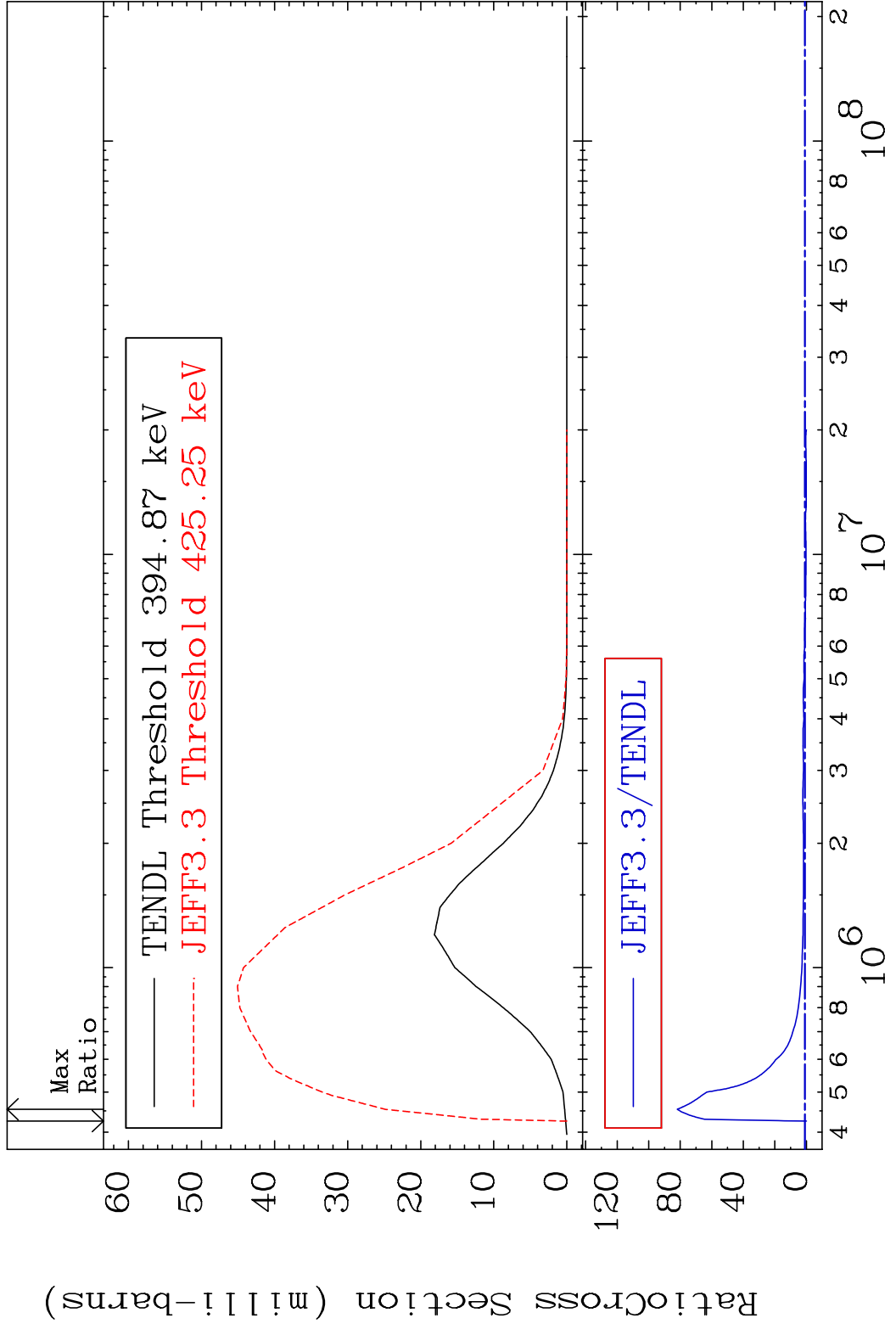
MAT 6434 MT= 67 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 102.1 %



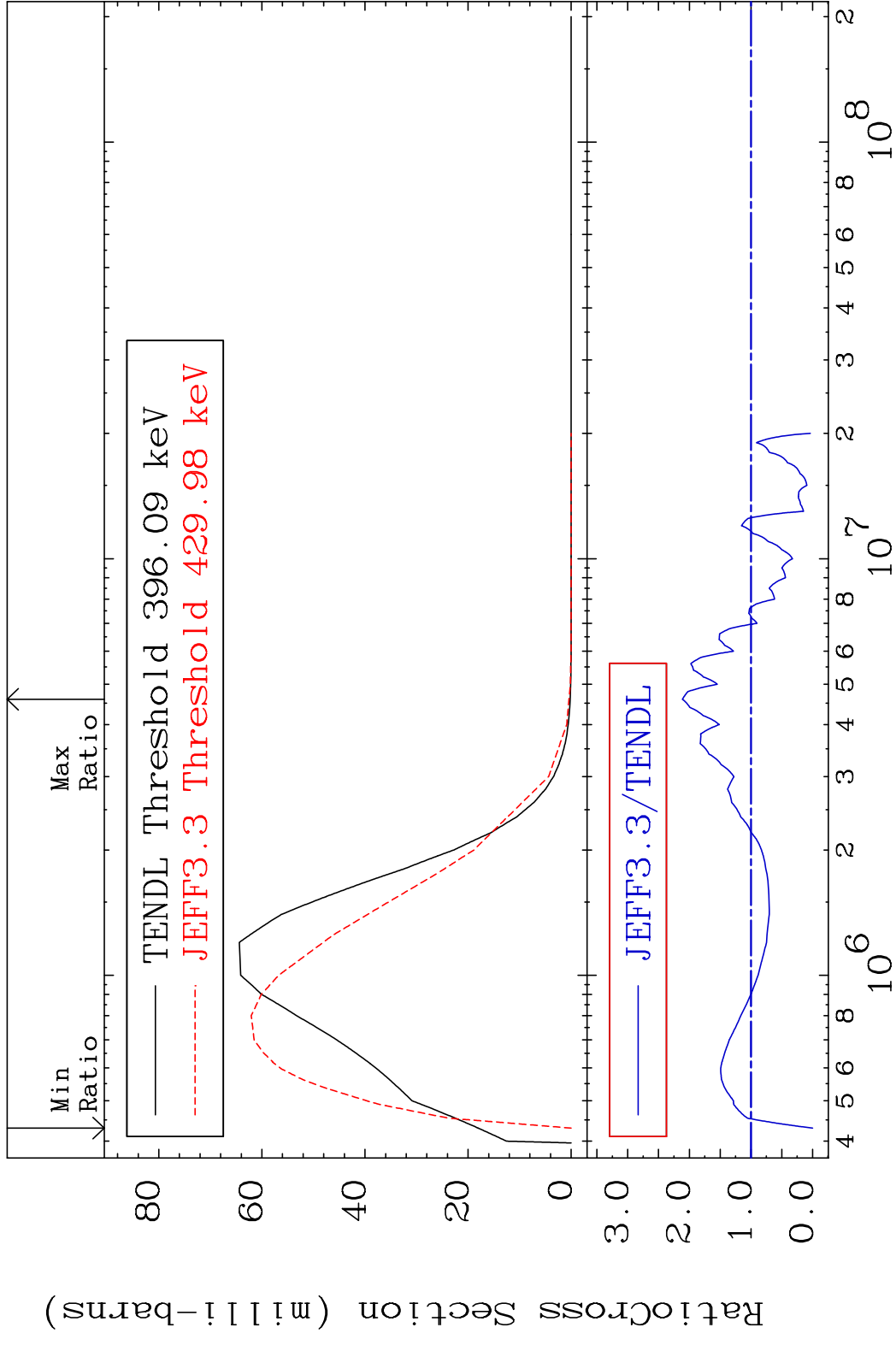
MAT 6434 MT= 68 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 627.2 %



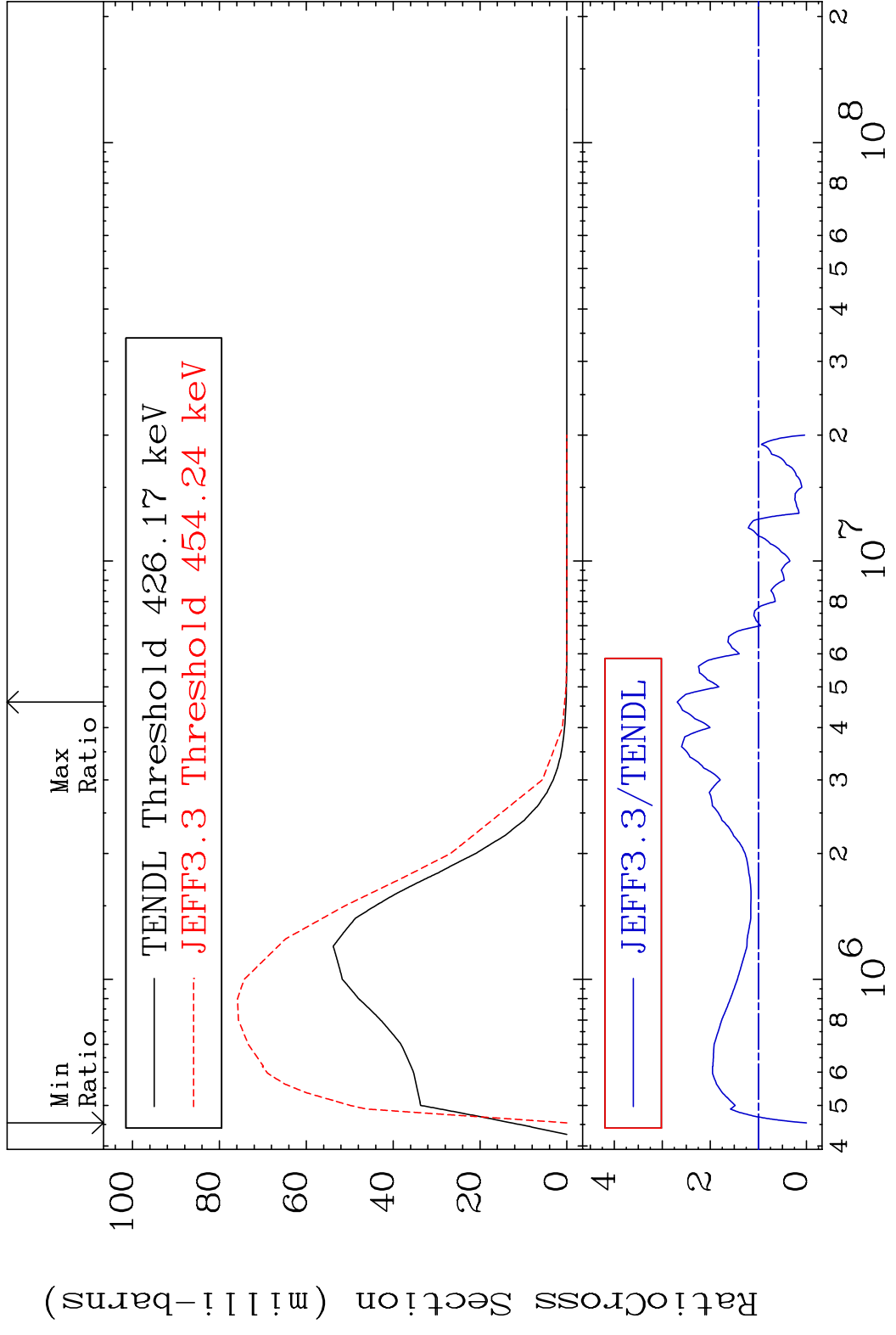
MAT 6434 MT= 69 (n,n') Level 64-Gd-155  
 Cross Section -100.0 To 8093. %



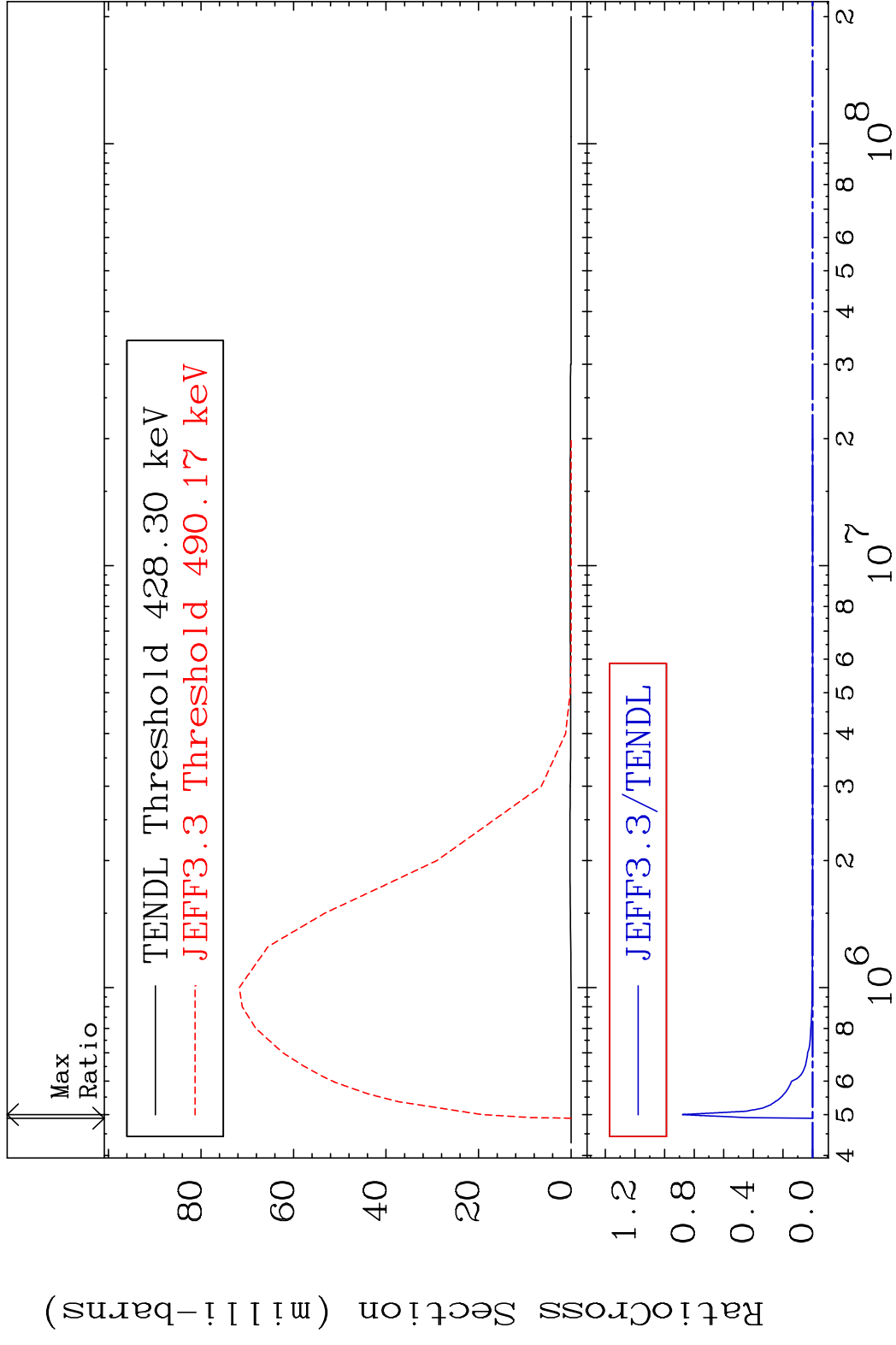
MAT 6434 MT= 70 (n,n') Level 64-Gd-155  
 Cross Section -100.0 To 111.4 %



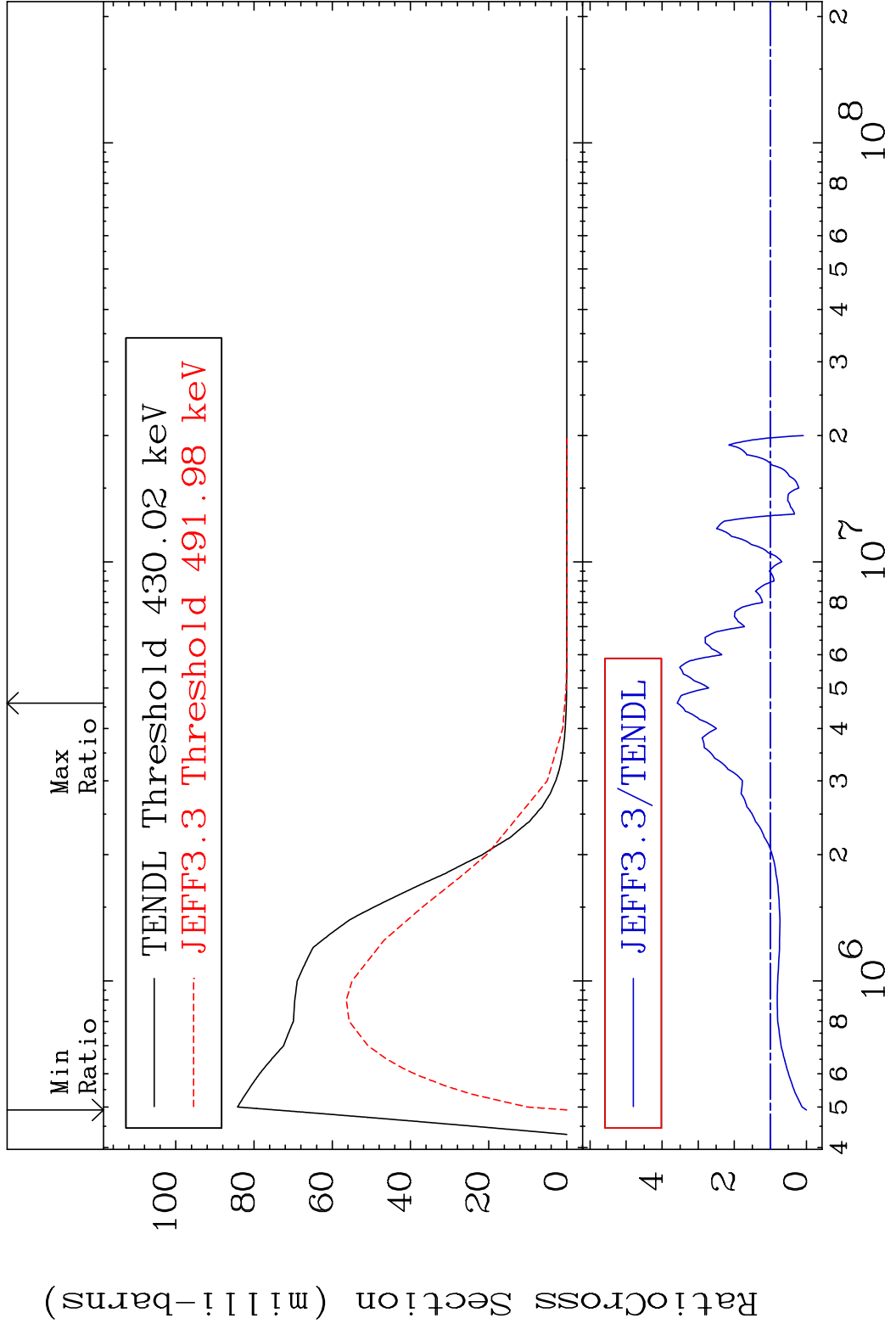
MAT 6434 MT= 71 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 169.0 %



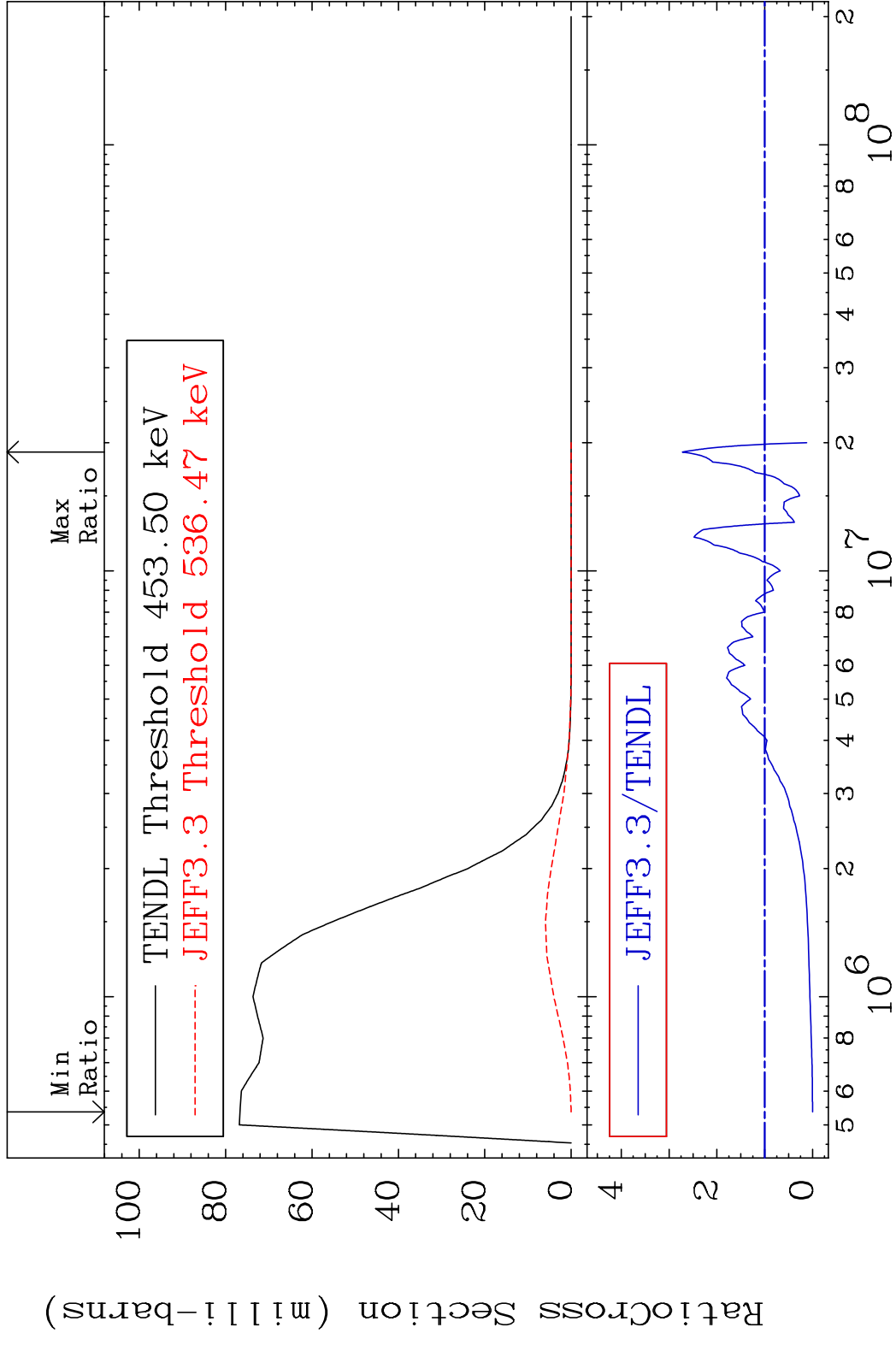
MAT 6434 MT= 72 (n,n') Level 64-Gd-155  
 Cross Section -100.0 To 9999. %



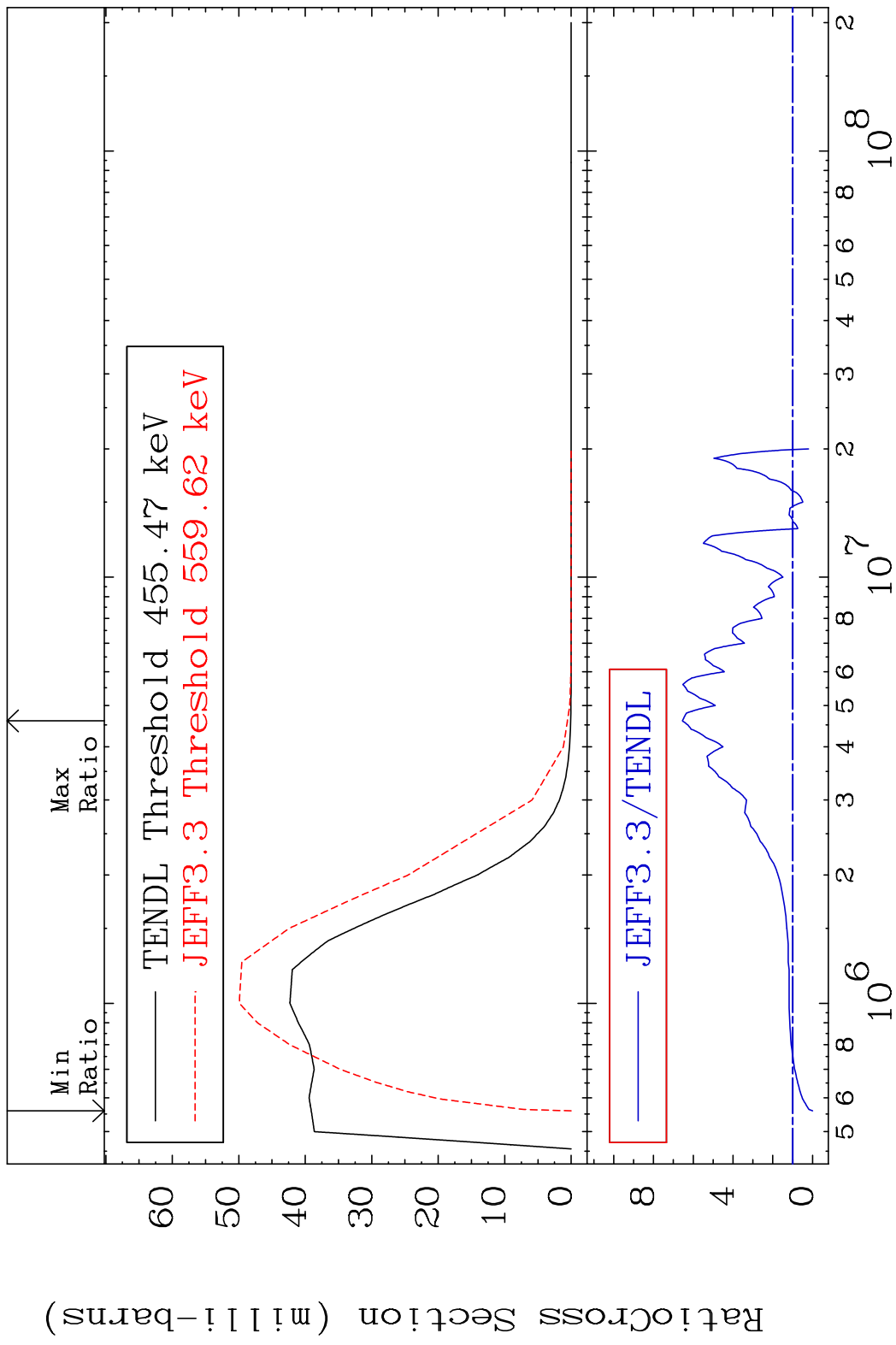
MAT 6434 MT= 73 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 258.2 %



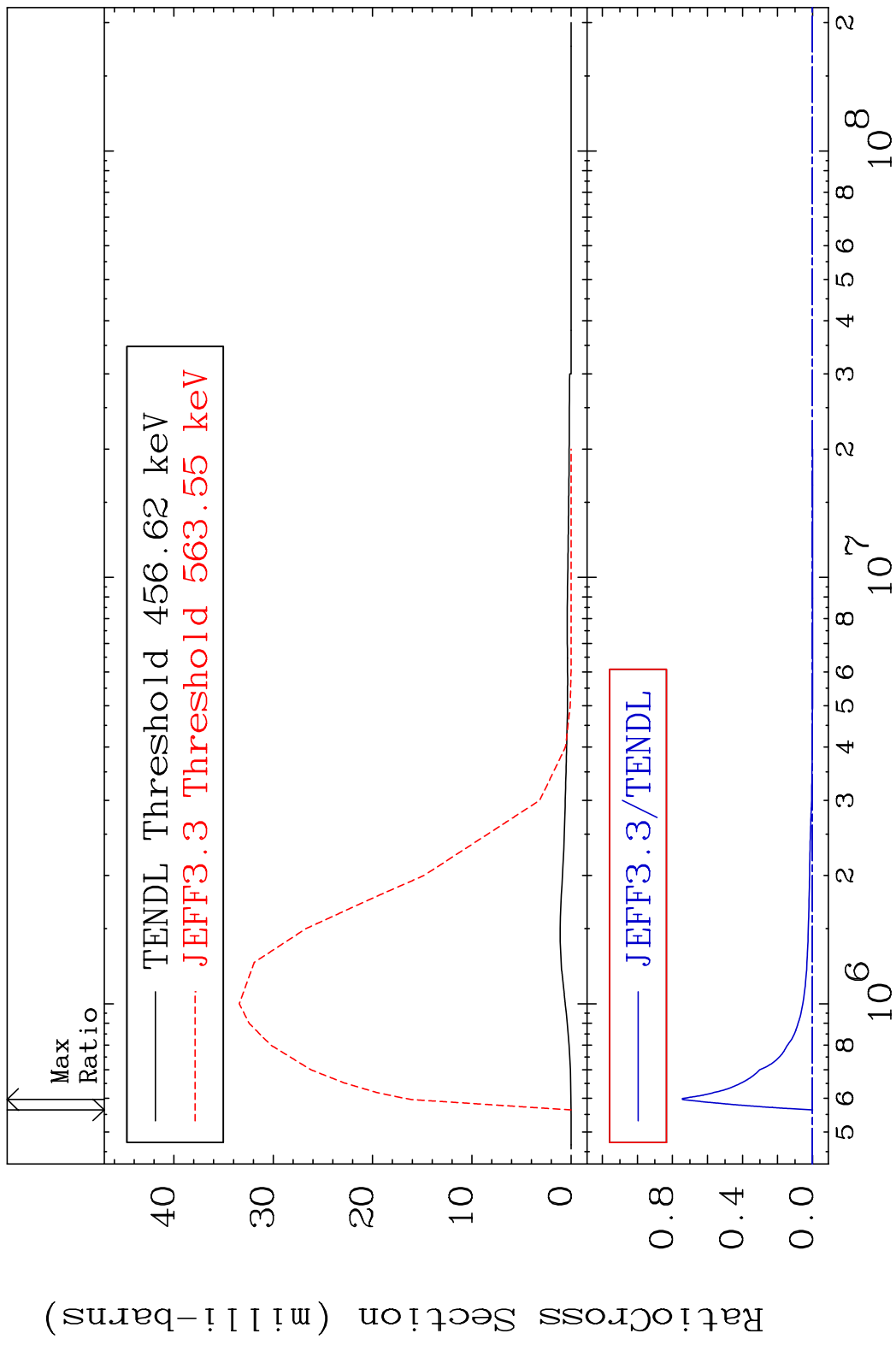
MAT 6434 MT= 74 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 172.3 %



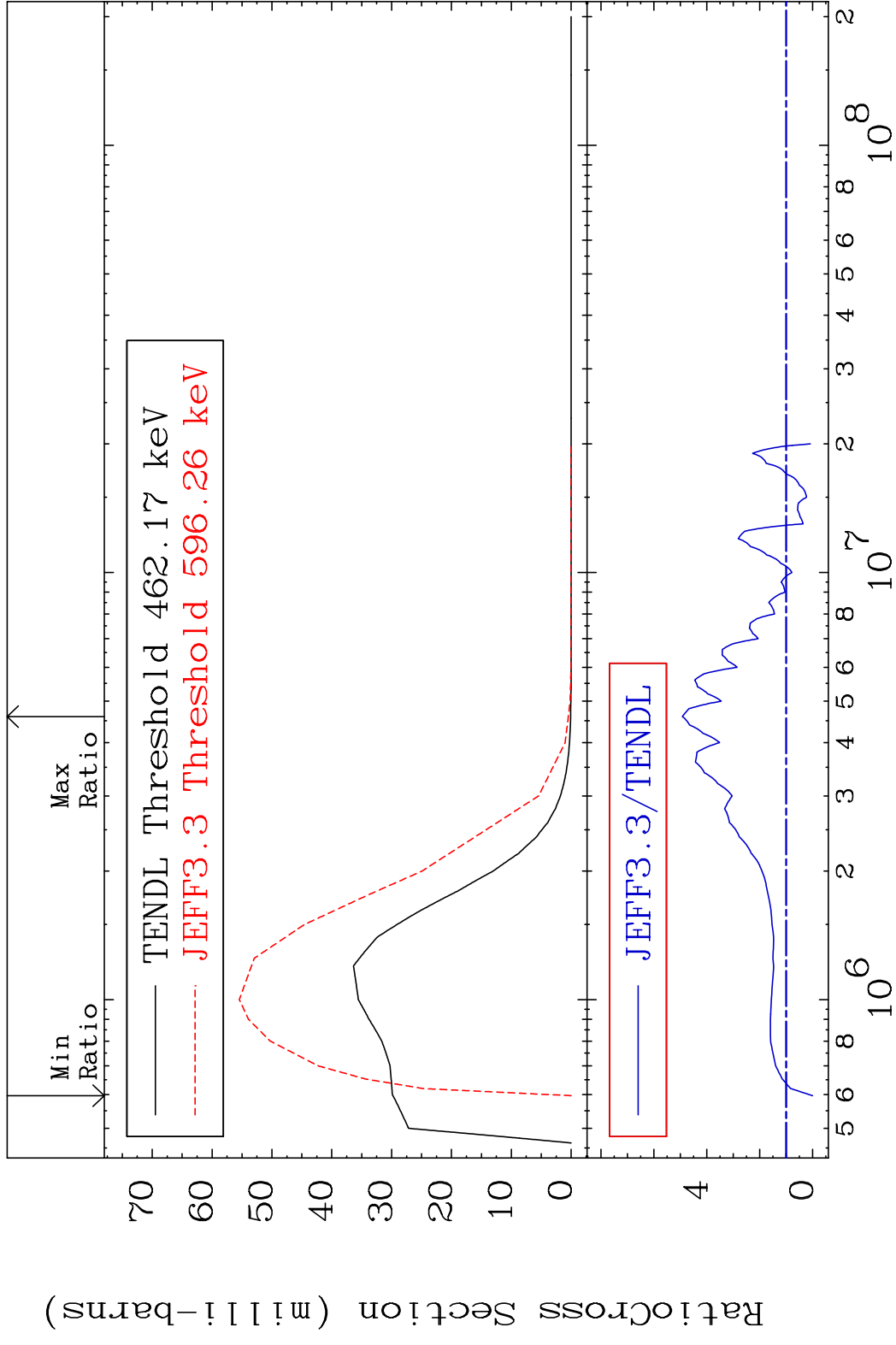
MAT 6434 MT= 75 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 554.8 %



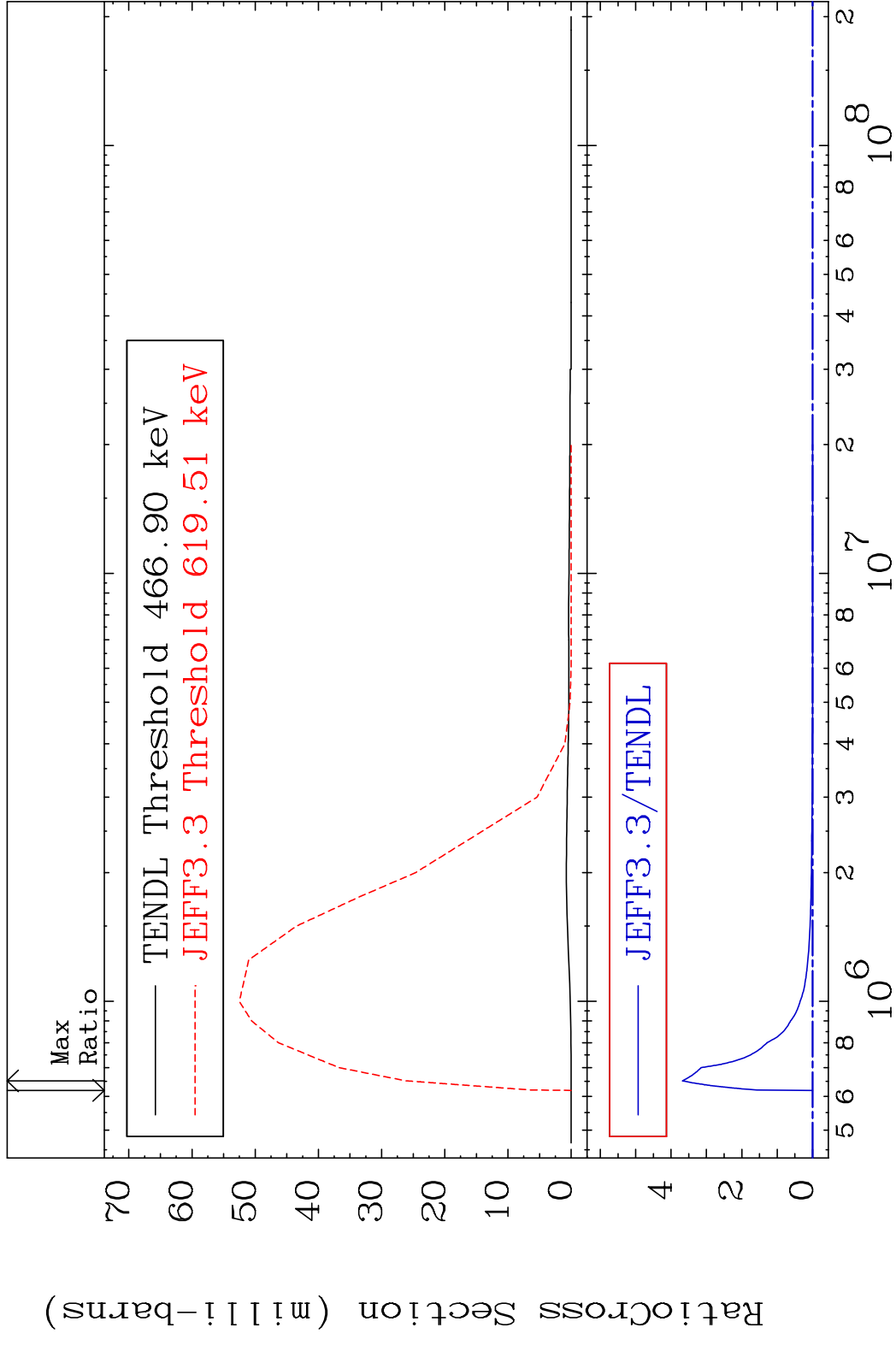
MAT 6434 MT= 76 (n,n') Level 64-Gd-155  
 Cross Section -100.0 To 9999. %



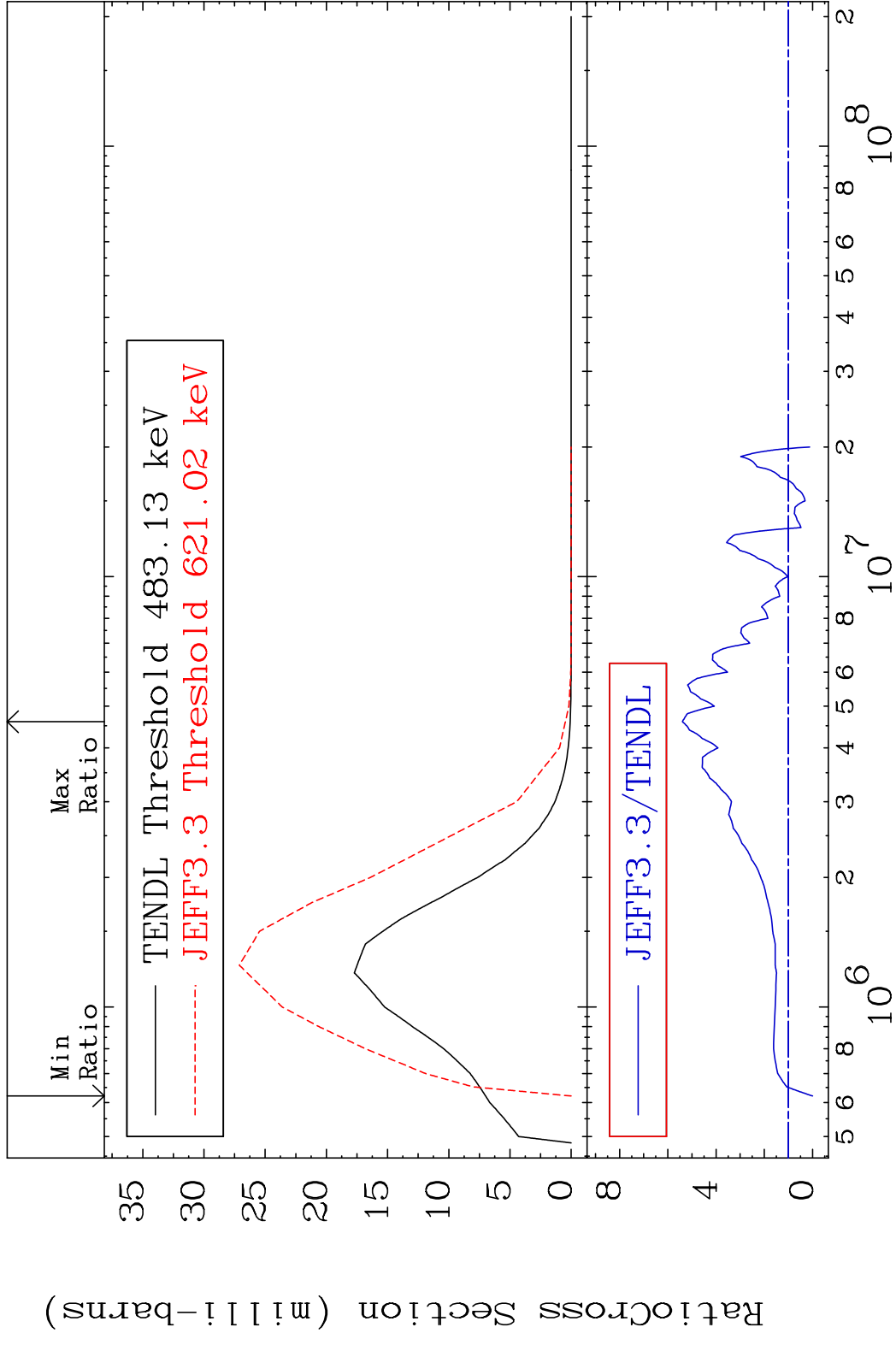
MAT 6434 MT= 77 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 392.2 %



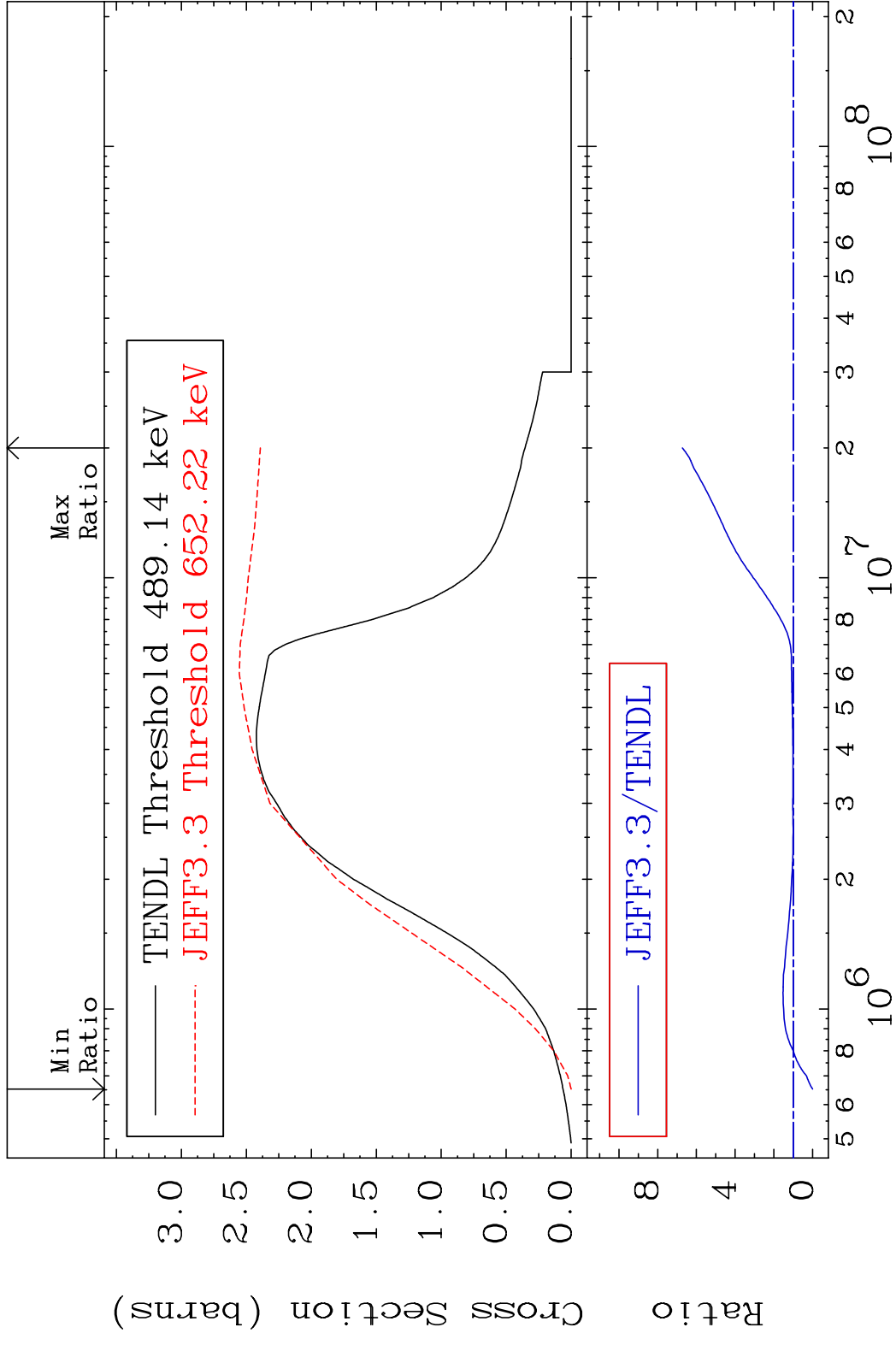
MAT 6434 MT= 78 (n,n') Level 64-Gd-155  
 Cross Section -100.0 To 9999. %



MAT 6434 MT= 79 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 439.8 %



MAT 6434 (n,n') Continuum 64-Gd-155  
 Cross Section -100.0 To 572.5 %

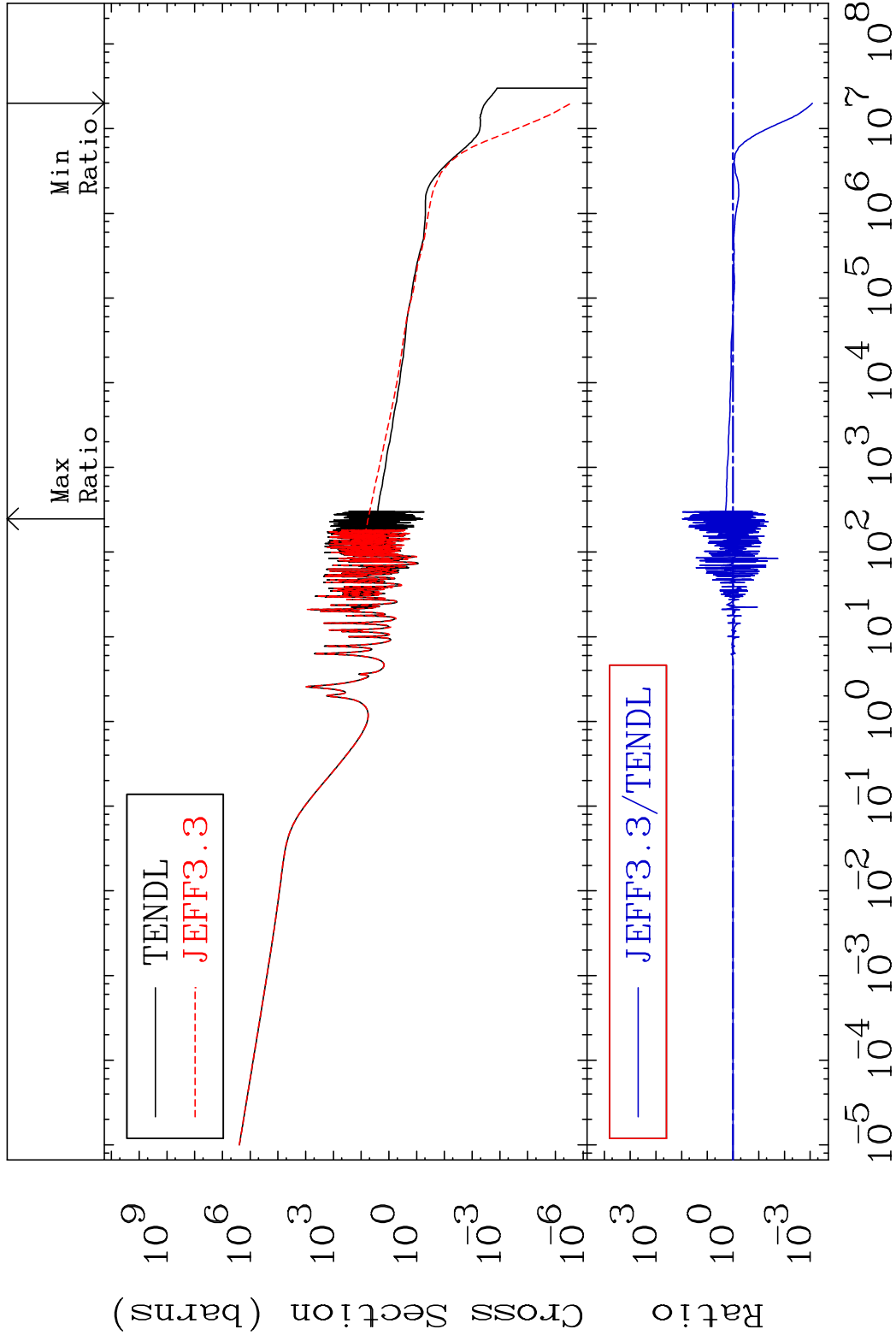


MAT 6434

(n,  $\gamma$ )

64-Gd-155

Cross Section -99.92 To 9241. %



34

Incident Energy (eV)

64-Gd-155

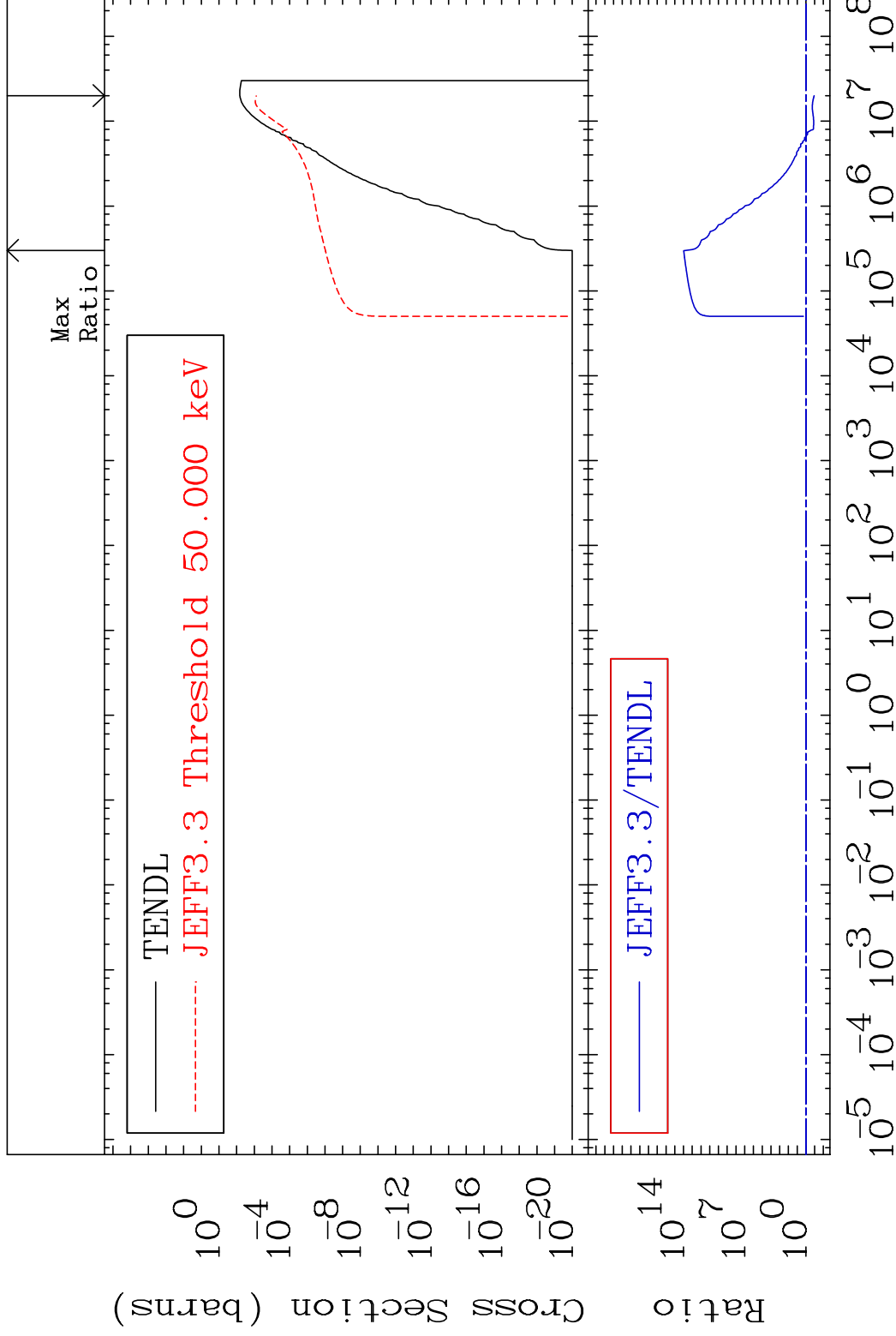
MAT 6434

(n, p)

64-Gd-155

Cross Section

-88.42 To 9999. %

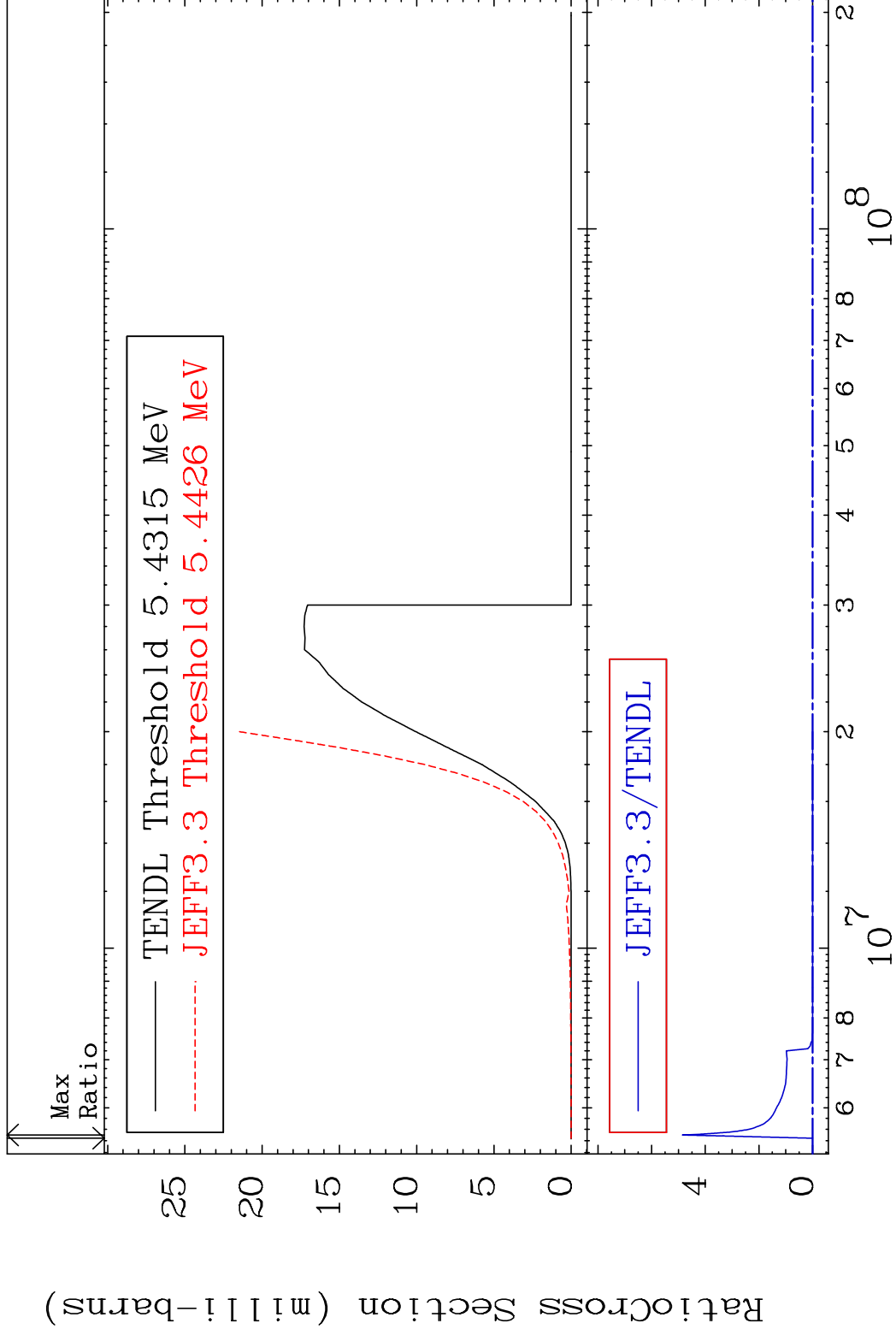


MAT 6434

(n,d)

64-Gd-155

Cross Section -100.0 To 9999. %



36

Incident Energy (eV)

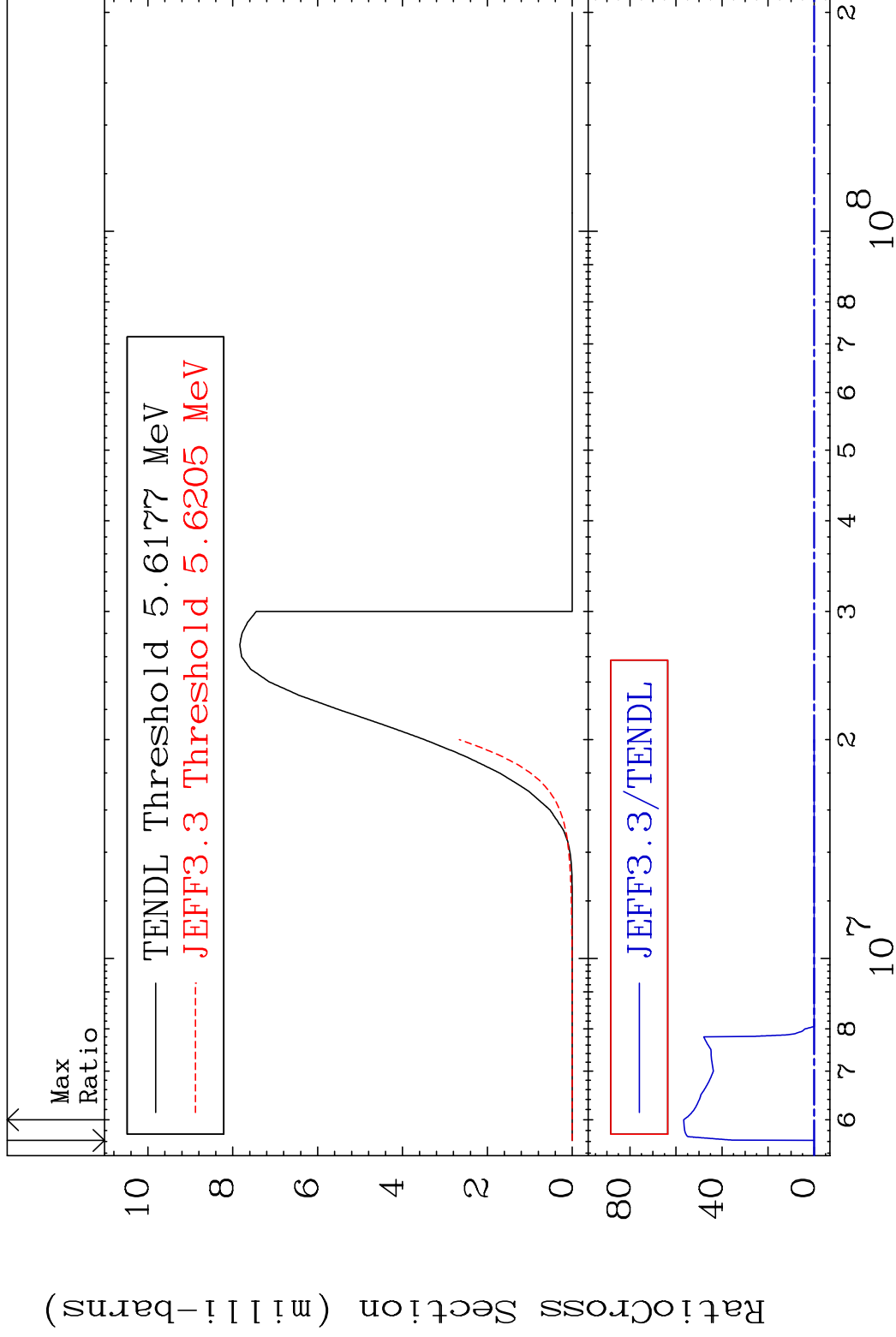
64-Gd-155

MAT 6434

(n, t)

64-Gd-155

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

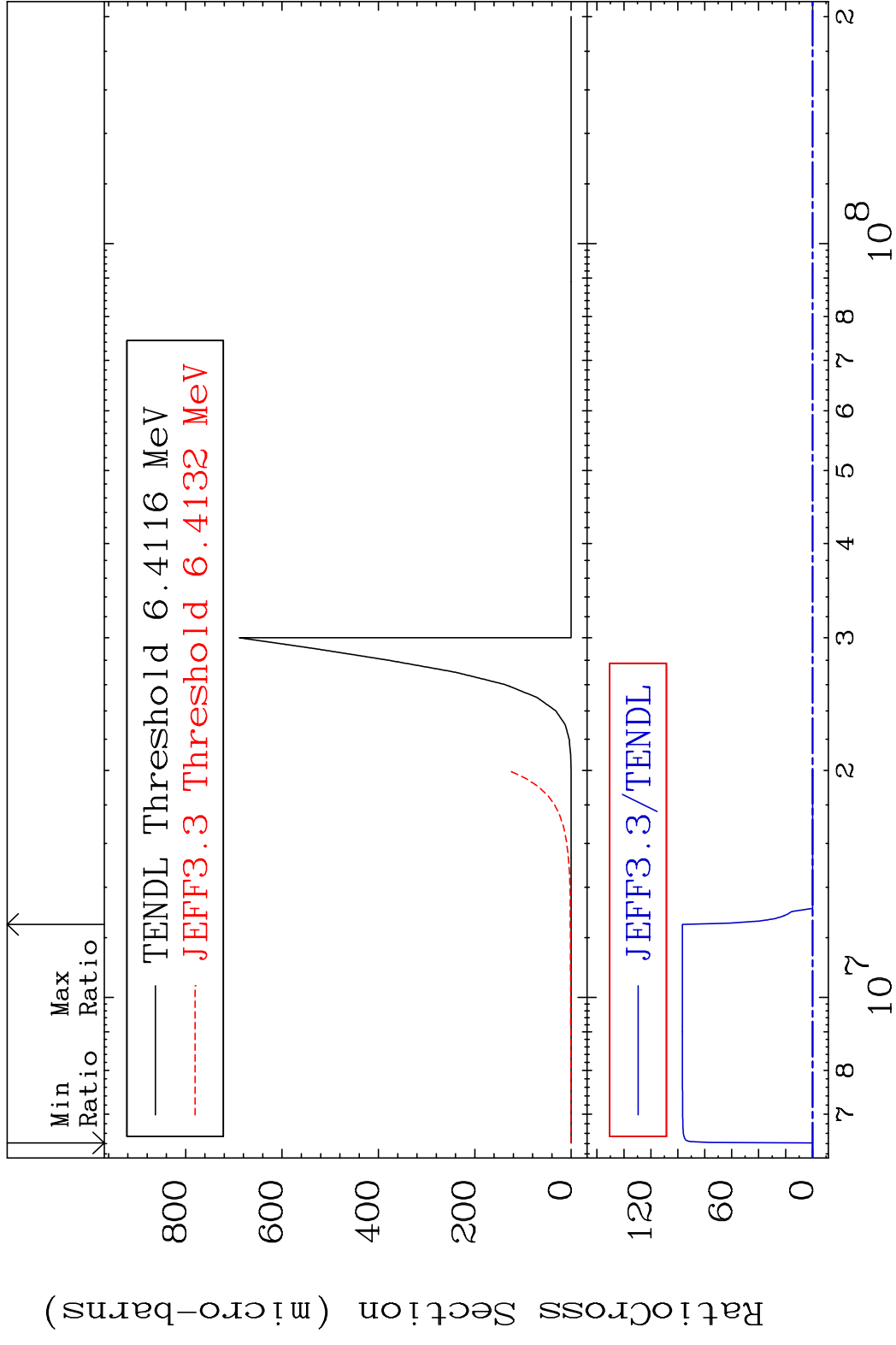
64-Gd-155

MAT 6434

(n, He-3)

64-Gd-155

Cross Section -100.0 To 9999. %

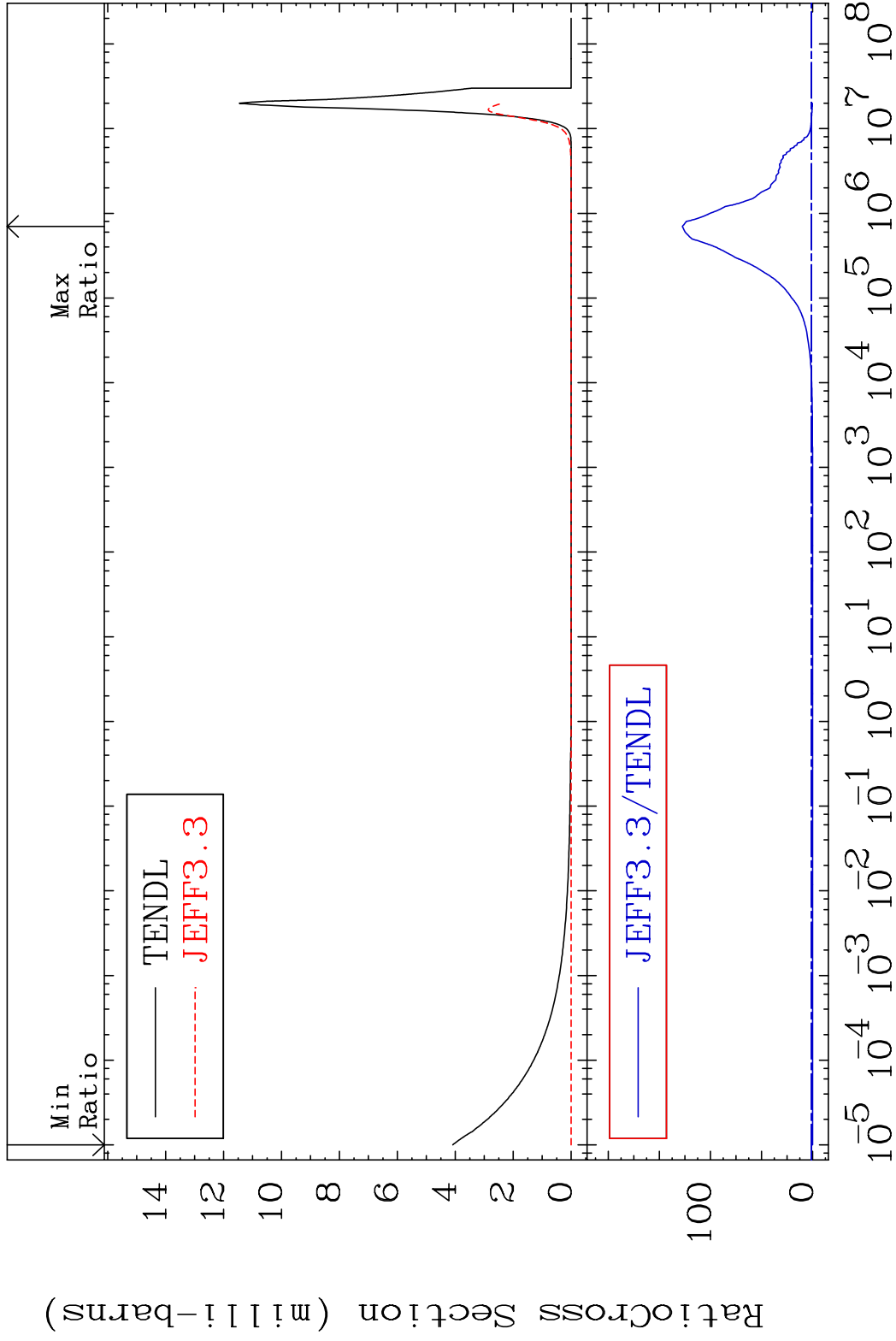


MAT 6434

(n,  $\alpha$ )

64-Gd-155

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

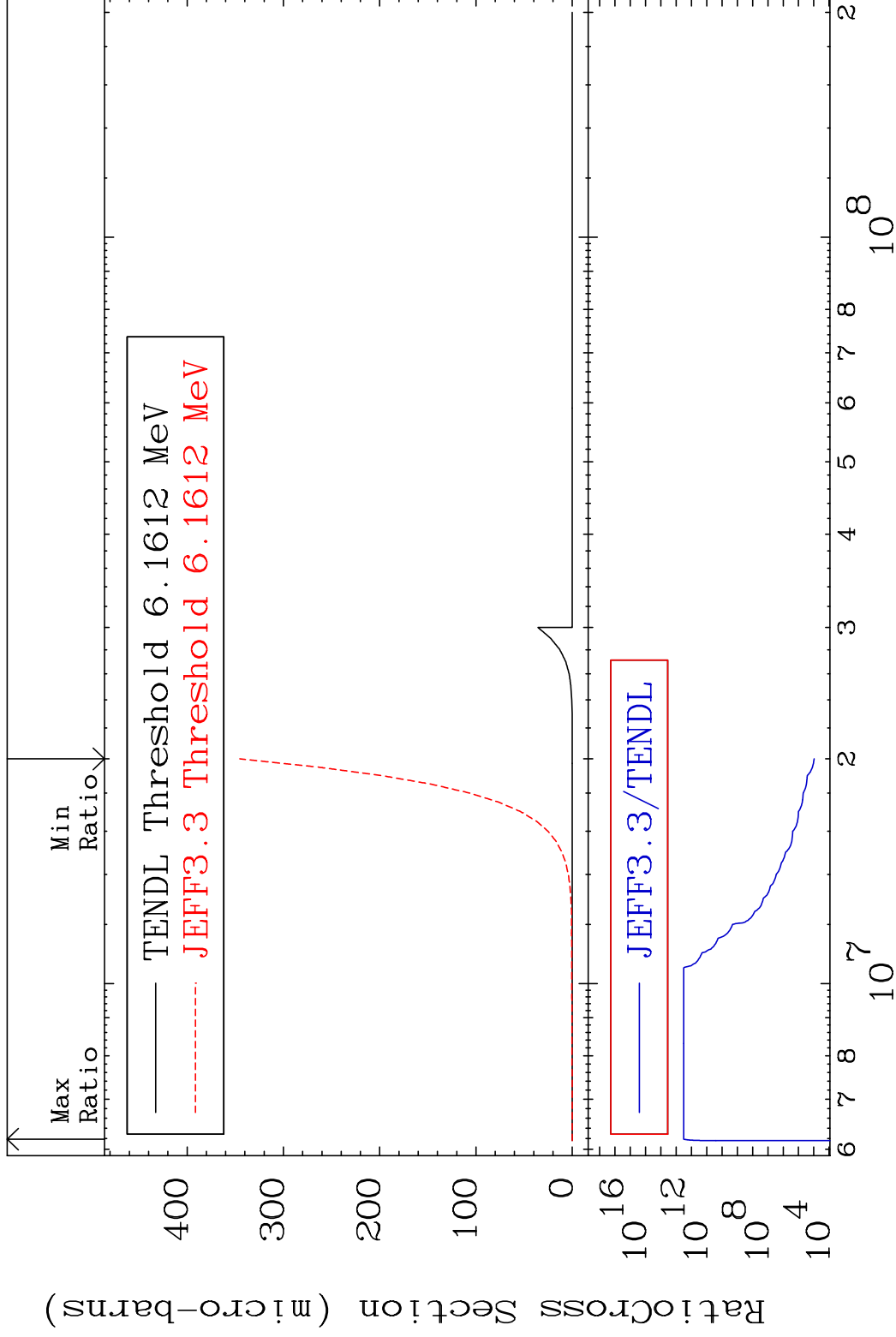
64-Gd-155

MAT 6434

(n,2p)

64-Gd-155

Cross Section 9999. To 9999. %



40

Incident Energy (eV)

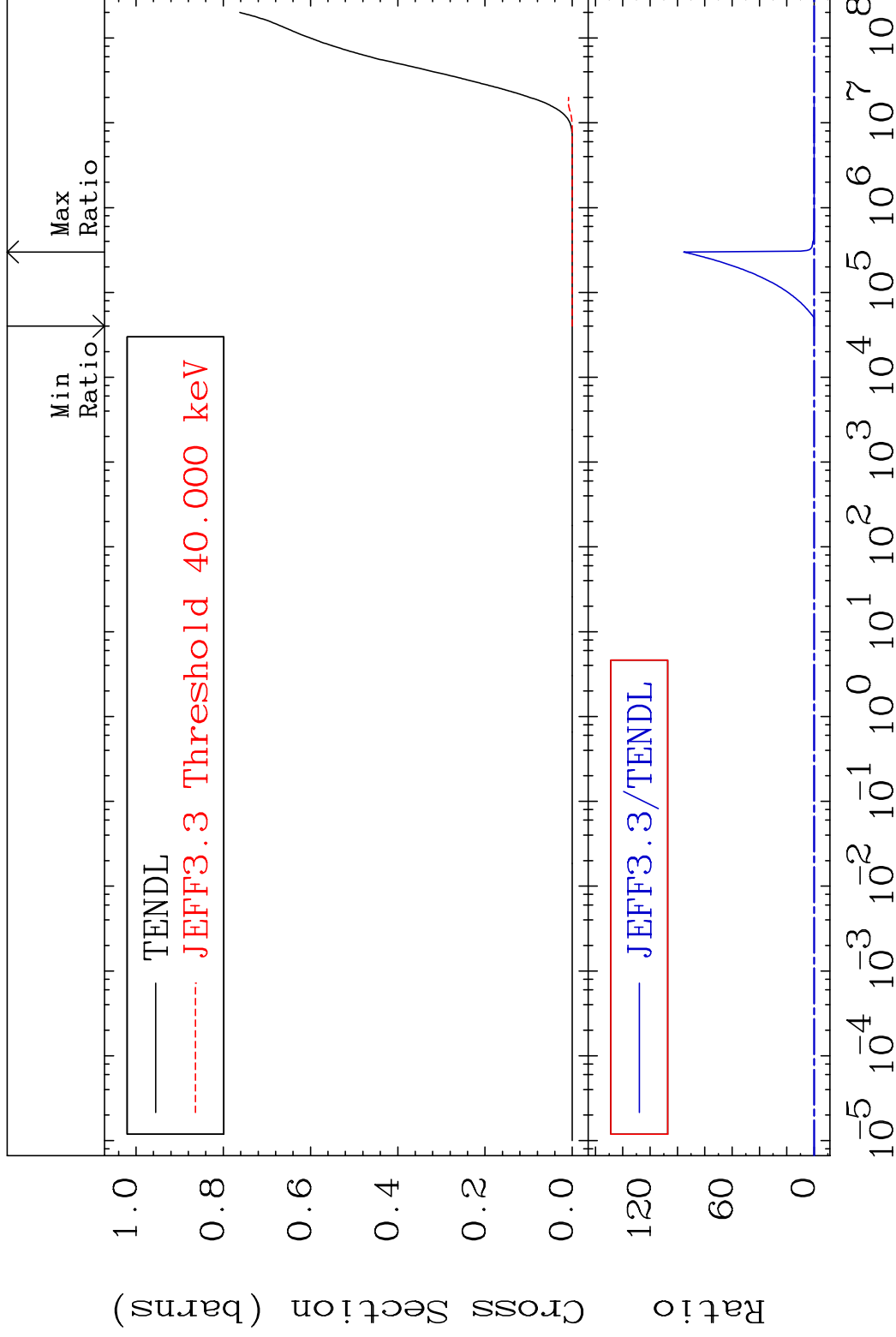
64-Gd-155

MAT 6434

Hydrogen Production

64-Gd-155

Cross Section -100.0 To 9999. %

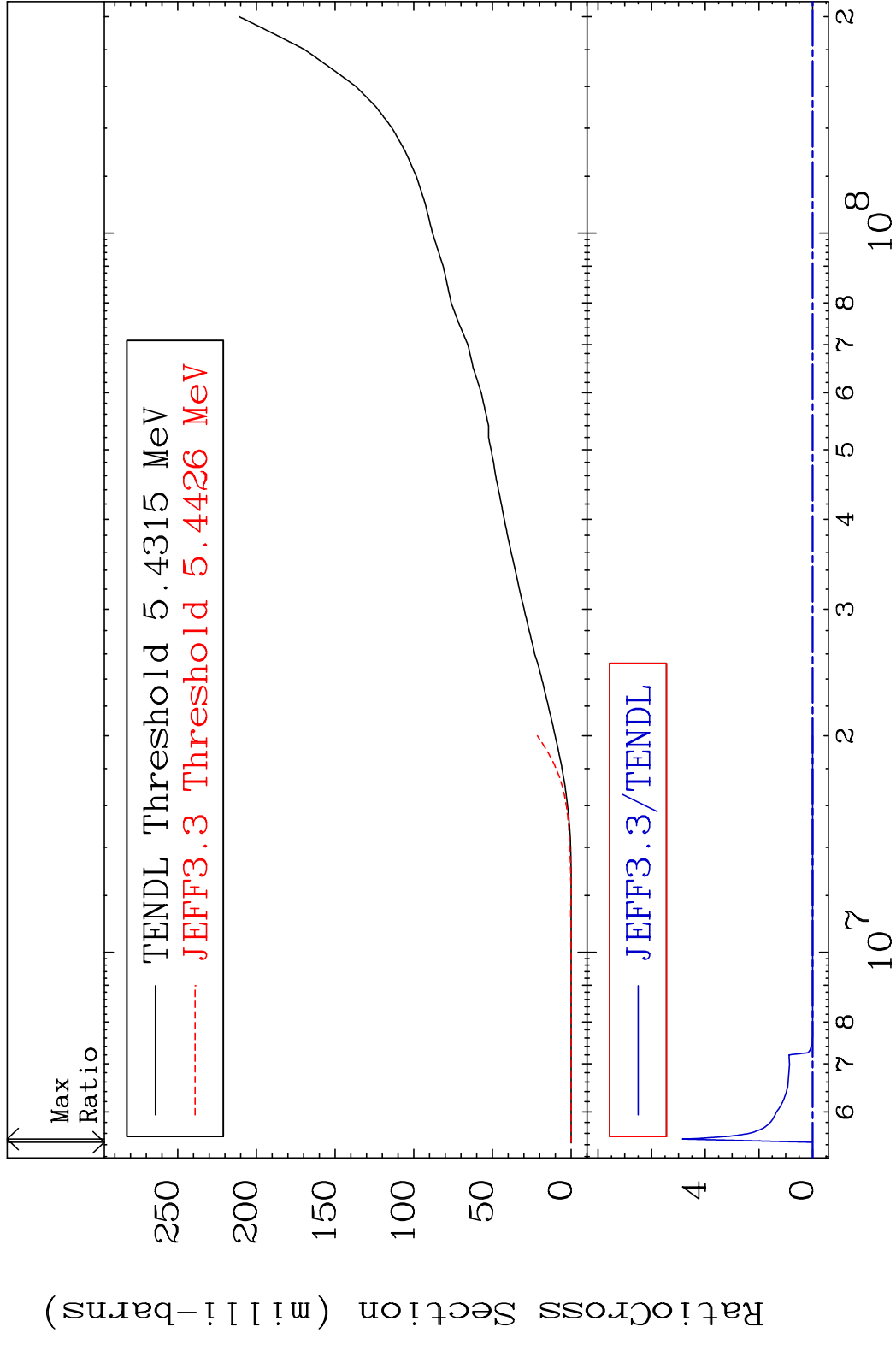


41

Incident Energy (eV)

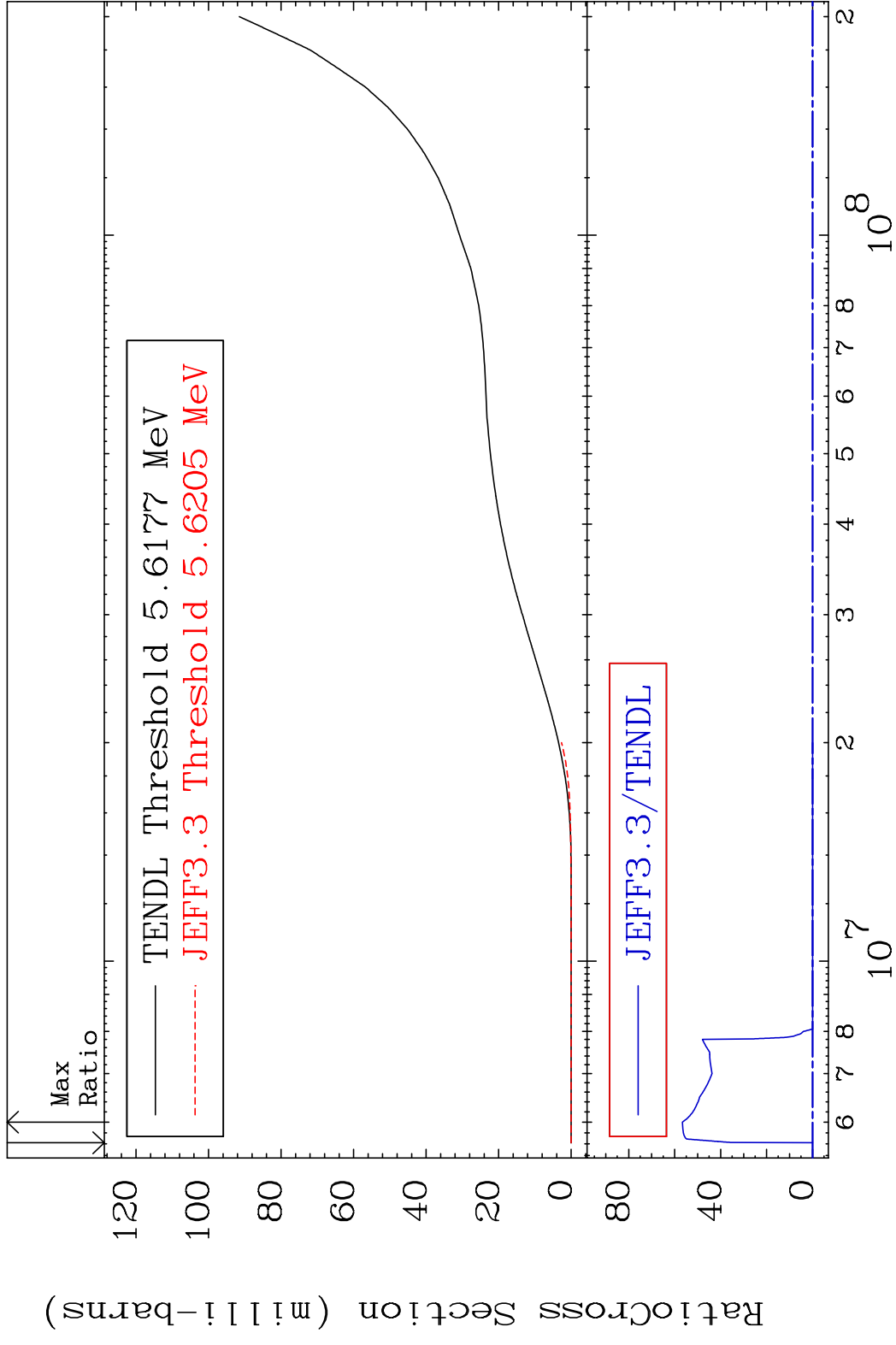
64-Gd-155

MAT 6434 Deuterium Production 64-Gd-155  
 Cross Section -100.0 To 9999. %



42 Incident Energy (eV) 64-Gd-155

MAT 6434 Tritium Production 64-Gd-155  
 Cross Section -100.0 To 9999. %



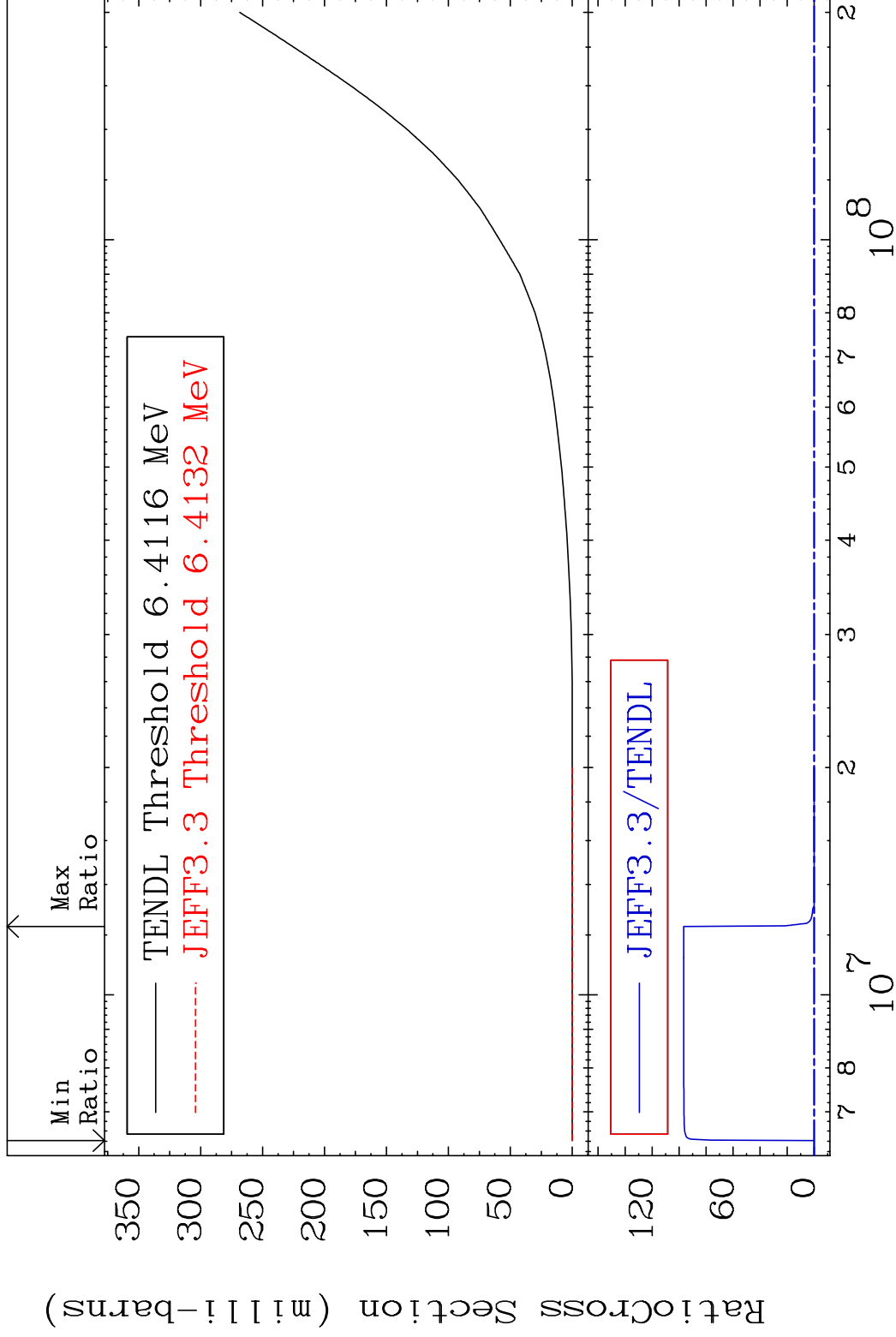
43 Incident Energy (eV) 64-Gd-155

MAT 6434

He-3 Production

64-Gd-155

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

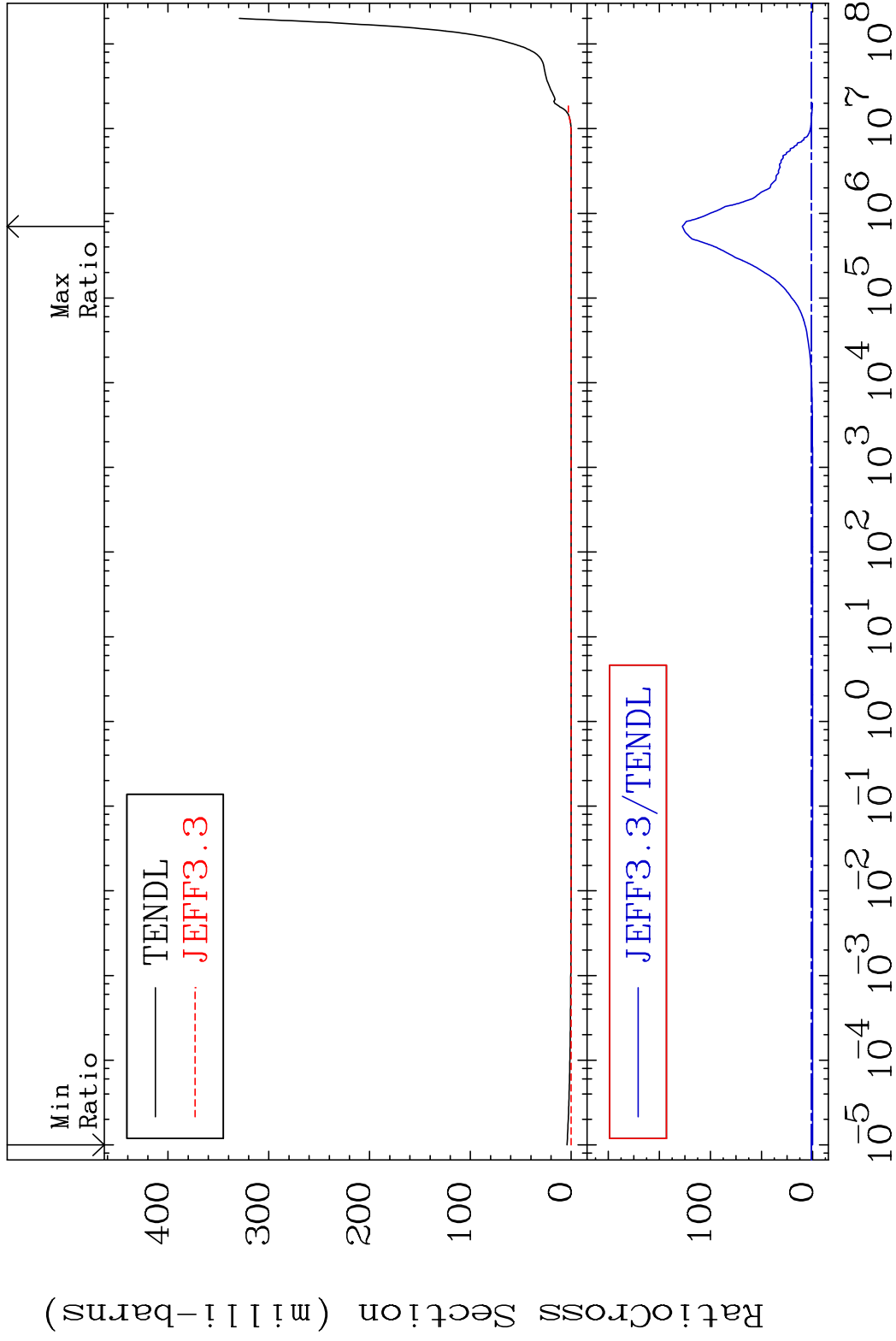
64-Gd-155

MAT 6434

He-4 Production

64-Gd-155

Cross Section -100.0 To 9999. %

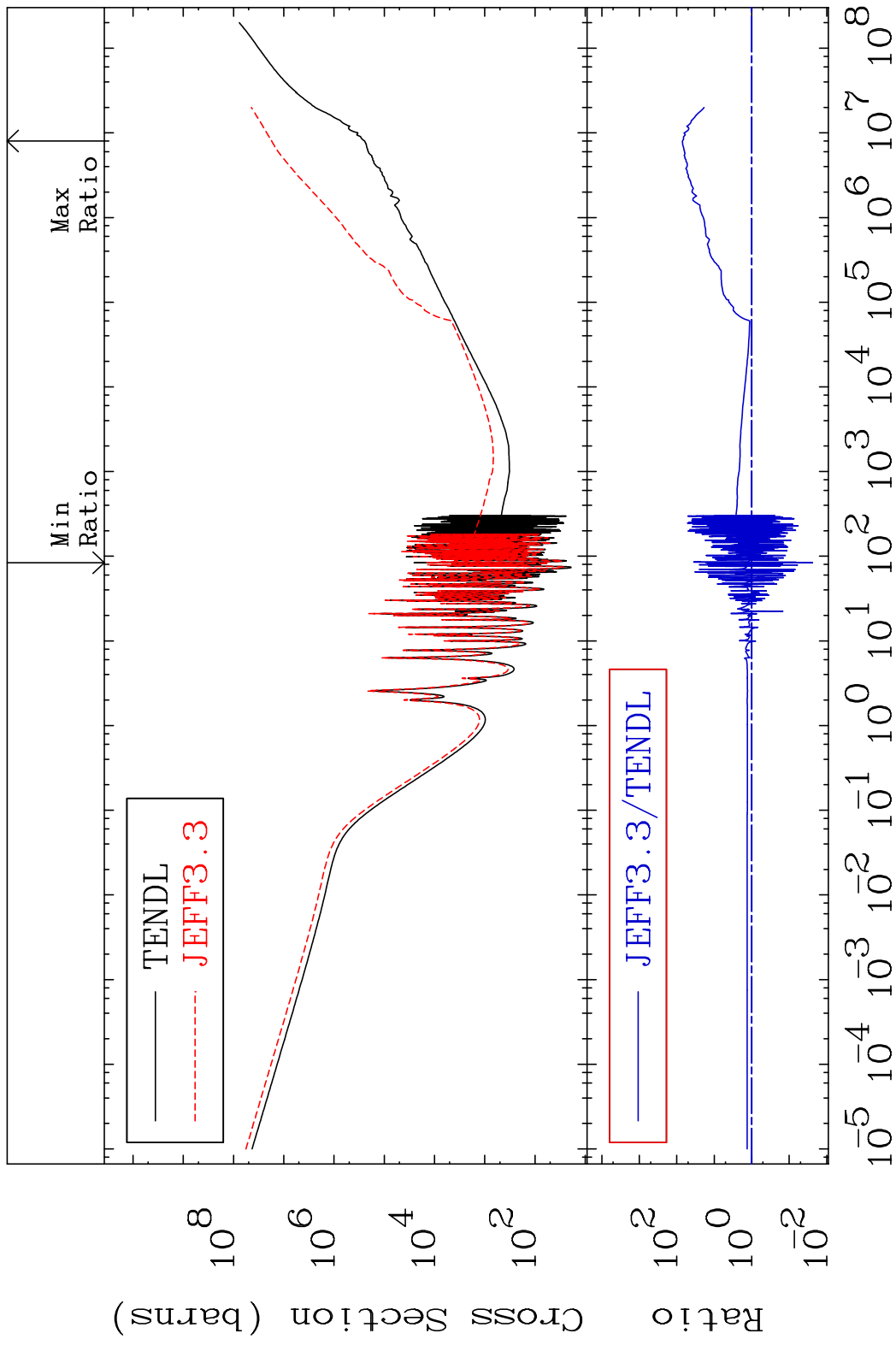


45

Incident Energy (eV)

64-Gd-155

MAT 6434 Kerma total (eV-barns) 64-Gd-155  
 Cross Section -97.62 To 7001. %

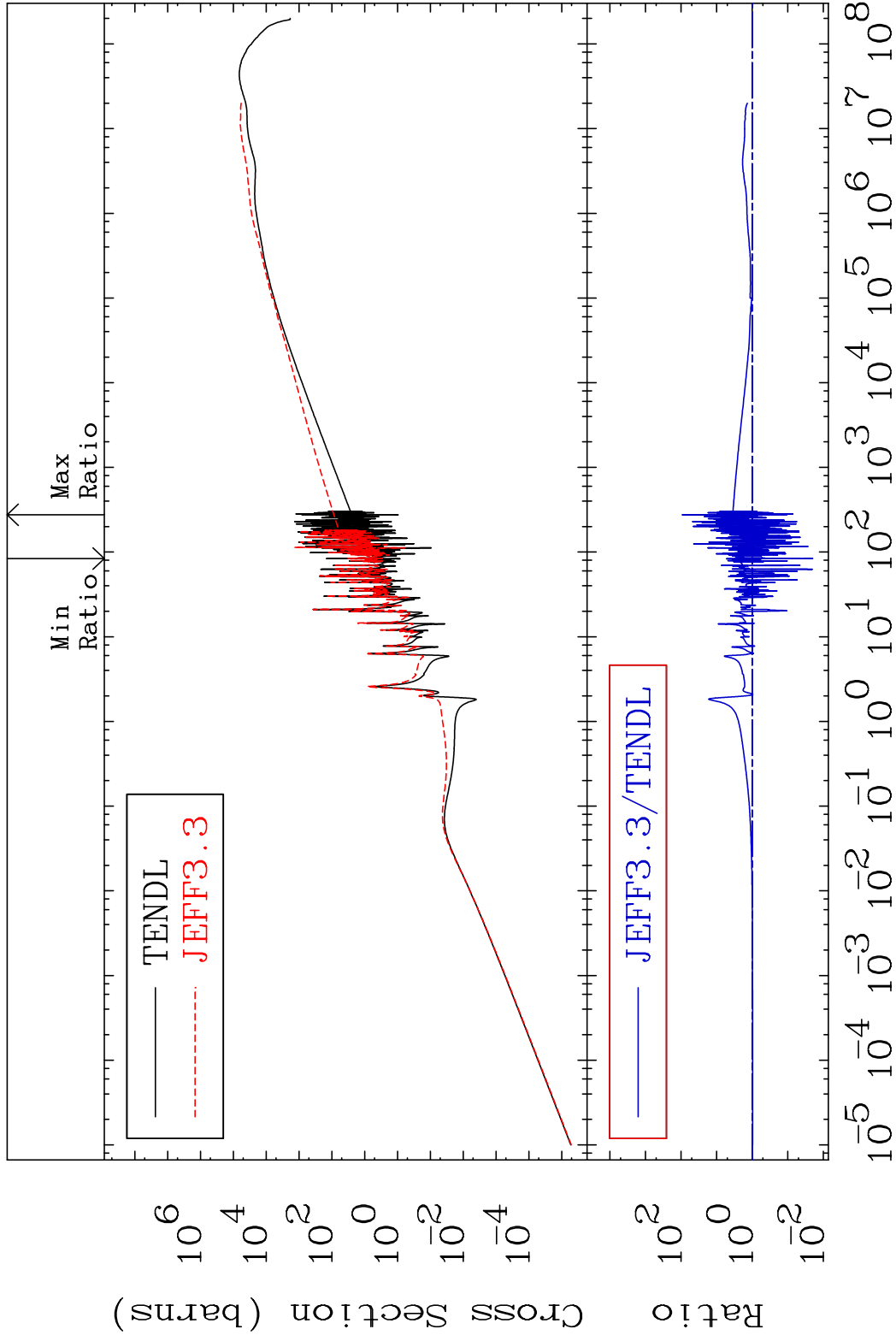


MAT 6434

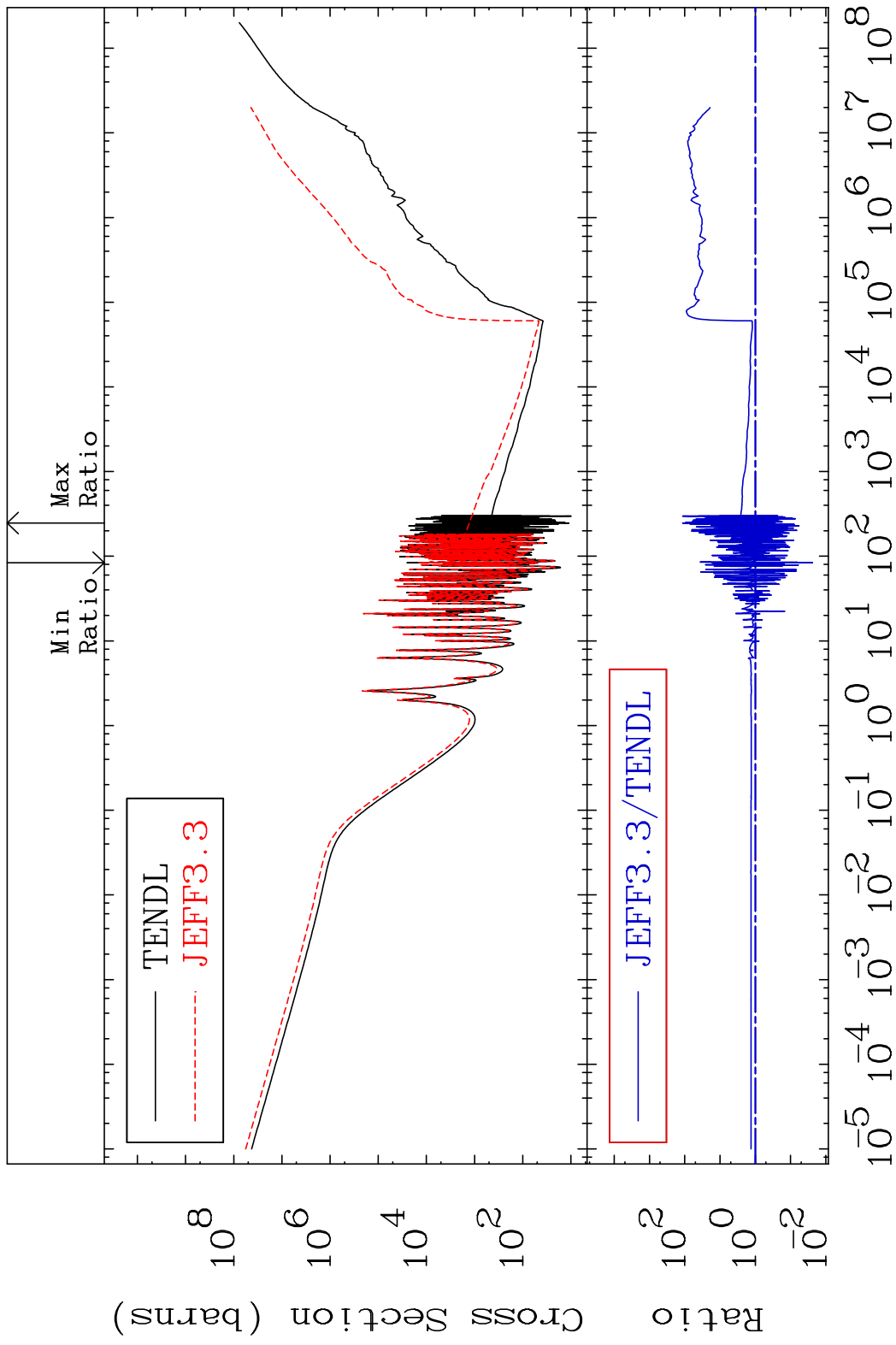
Kerma elastic

64-Gd-155

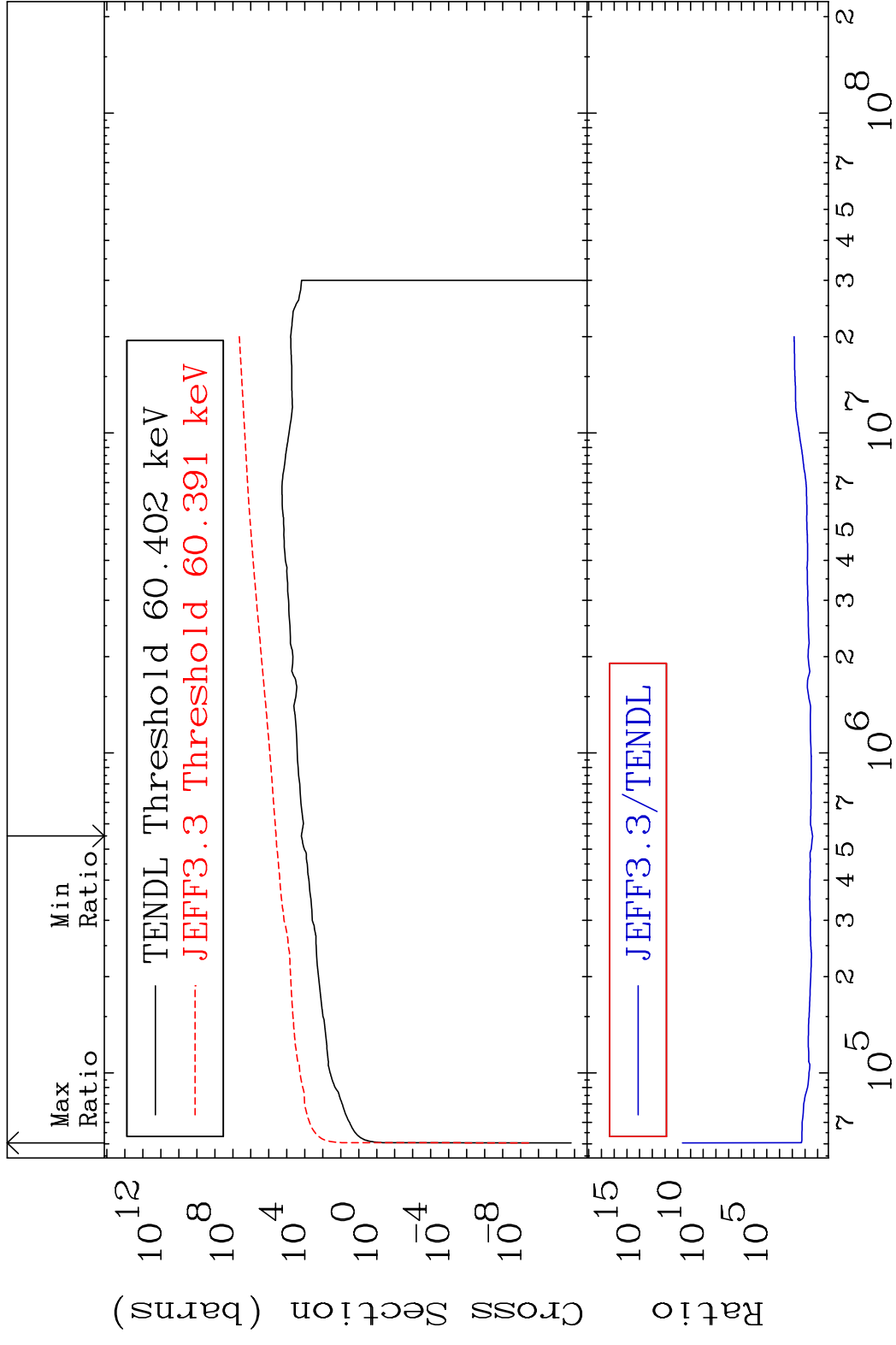
Cross Section -98.00 To 9050. %



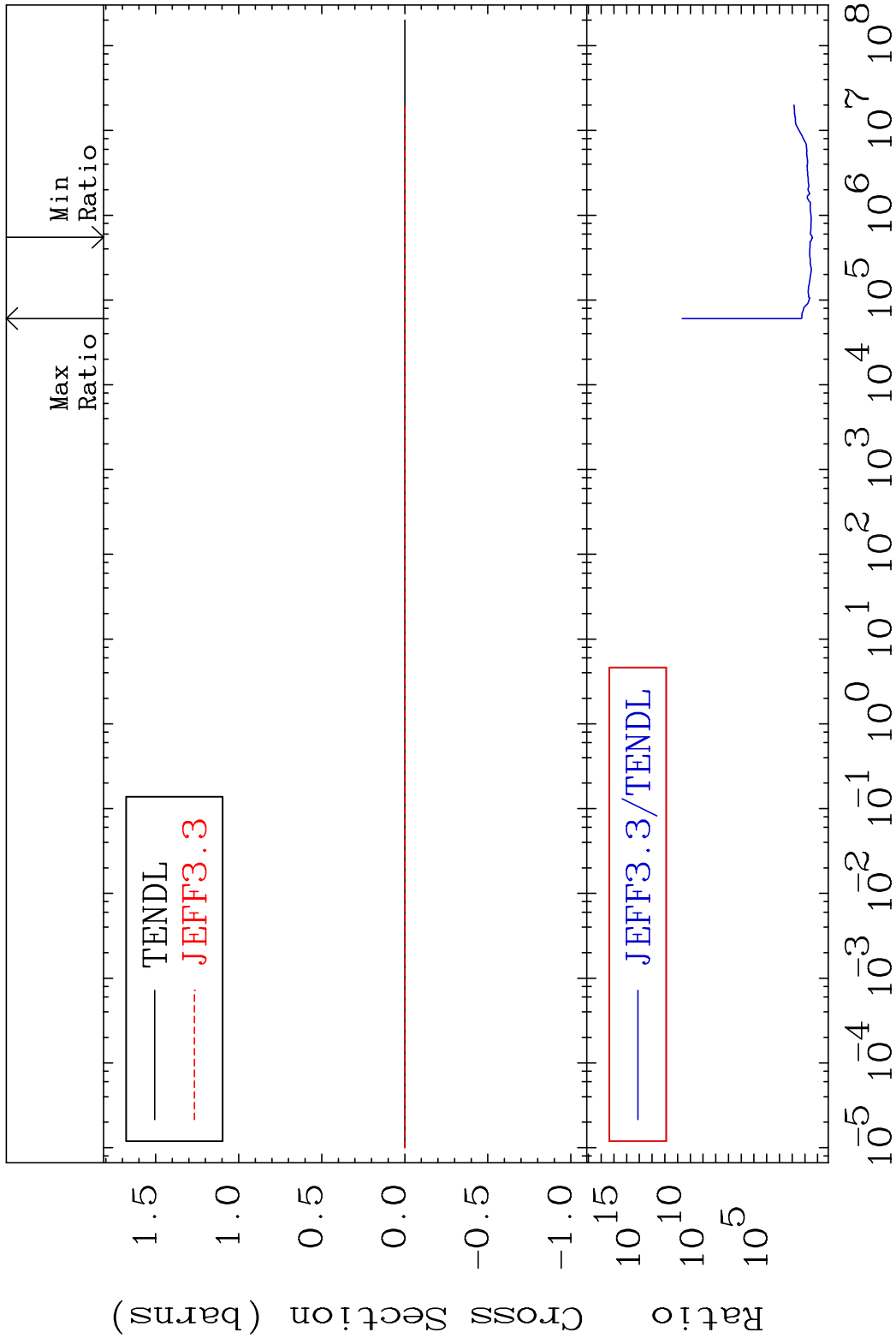
MAT 6434 Kerma non-elastic (all but mt2) 64-Gd-155  
 Cross Section -97.62 To 9999. %



MAT 6434 Kerma inelastic (mt51-91) 64-Gd-155  
 Cross Section 2450. To 9999. %

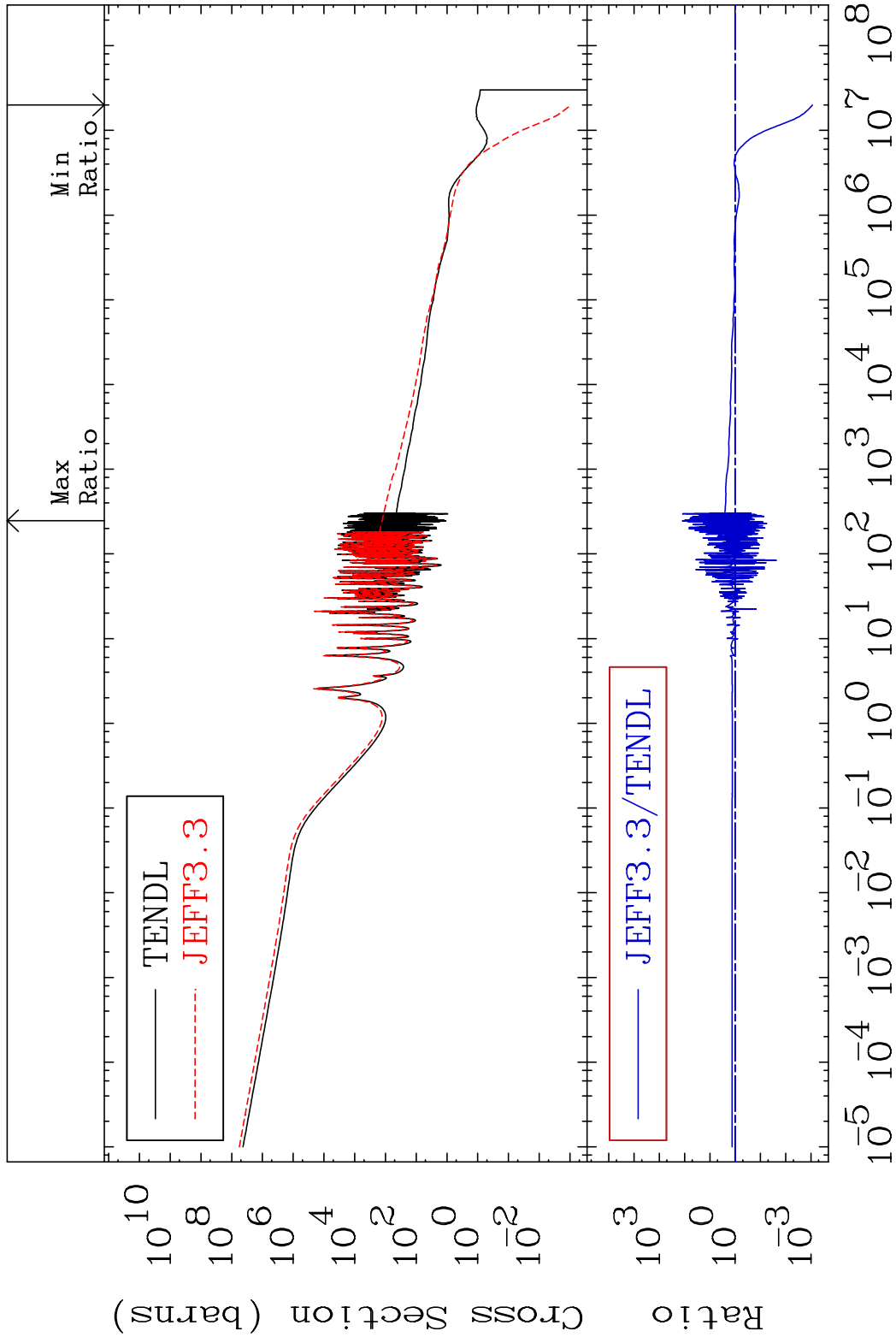


MAT 6434 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-155  
 Cross Section 2450. To 9999. %



MAT 6434

Kerma capture (mt102) 64-Gd-155  
Cross Section -99.91 To 9999. %



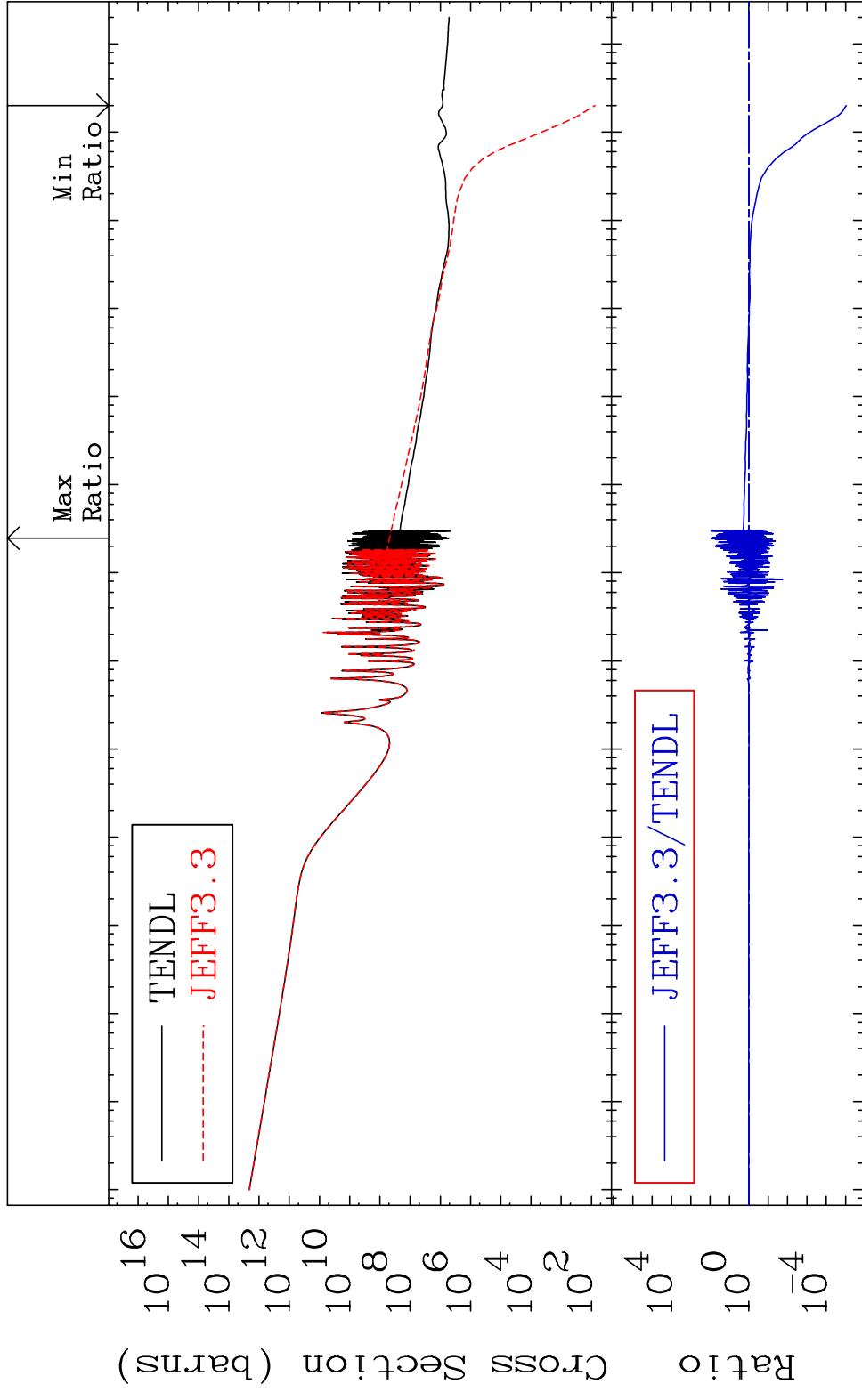
51

Incident Energy (eV)

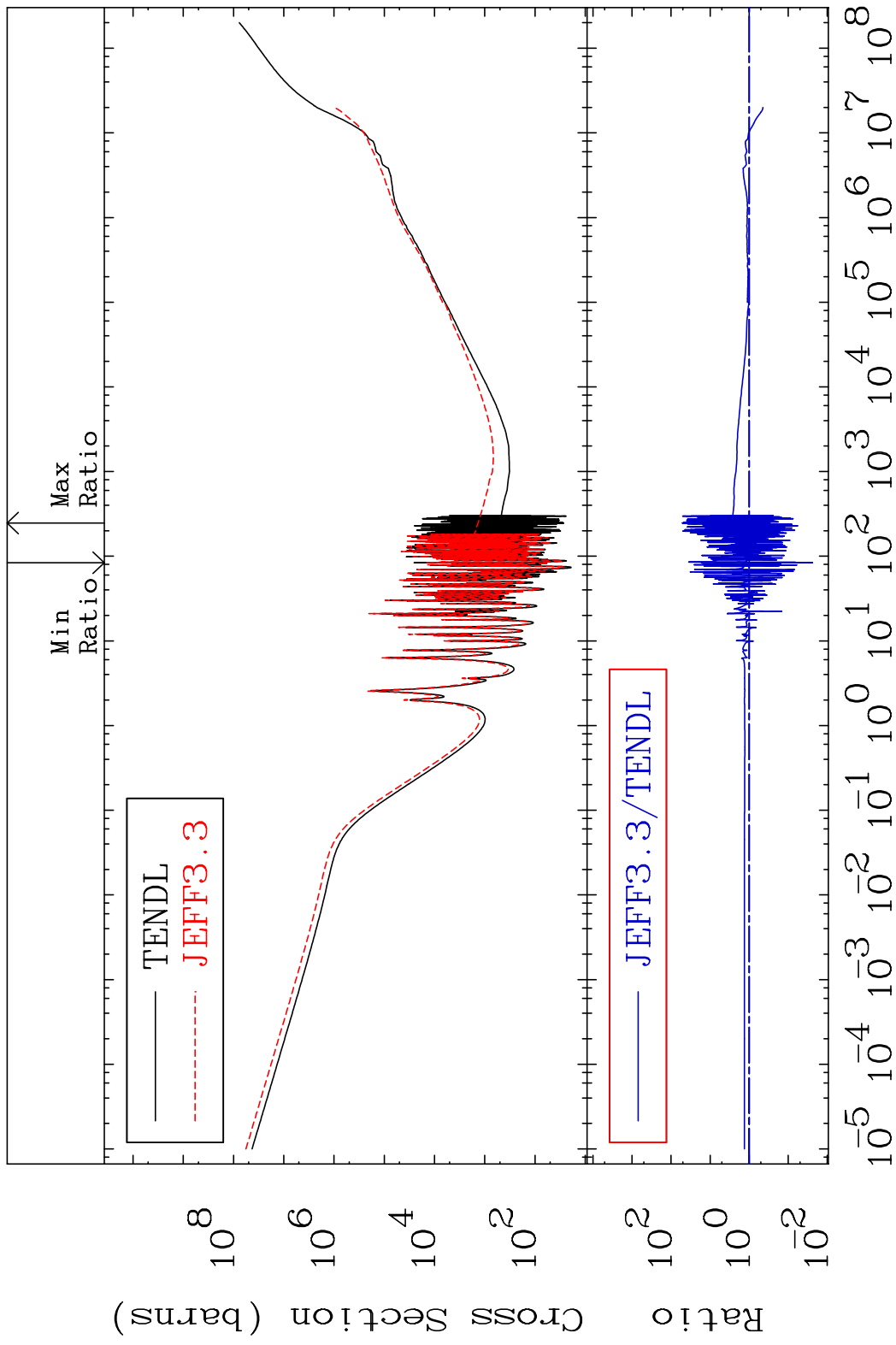
64-Gd-155

MAT 6434

Total photon (eV-barns) 64-Gd-155  
Cross Section -100.0 To 9242. %



MAT 6434 Total kinematic kerma (high limit) 64-Gd-155  
 Cross Section -97.62 To 5040. %

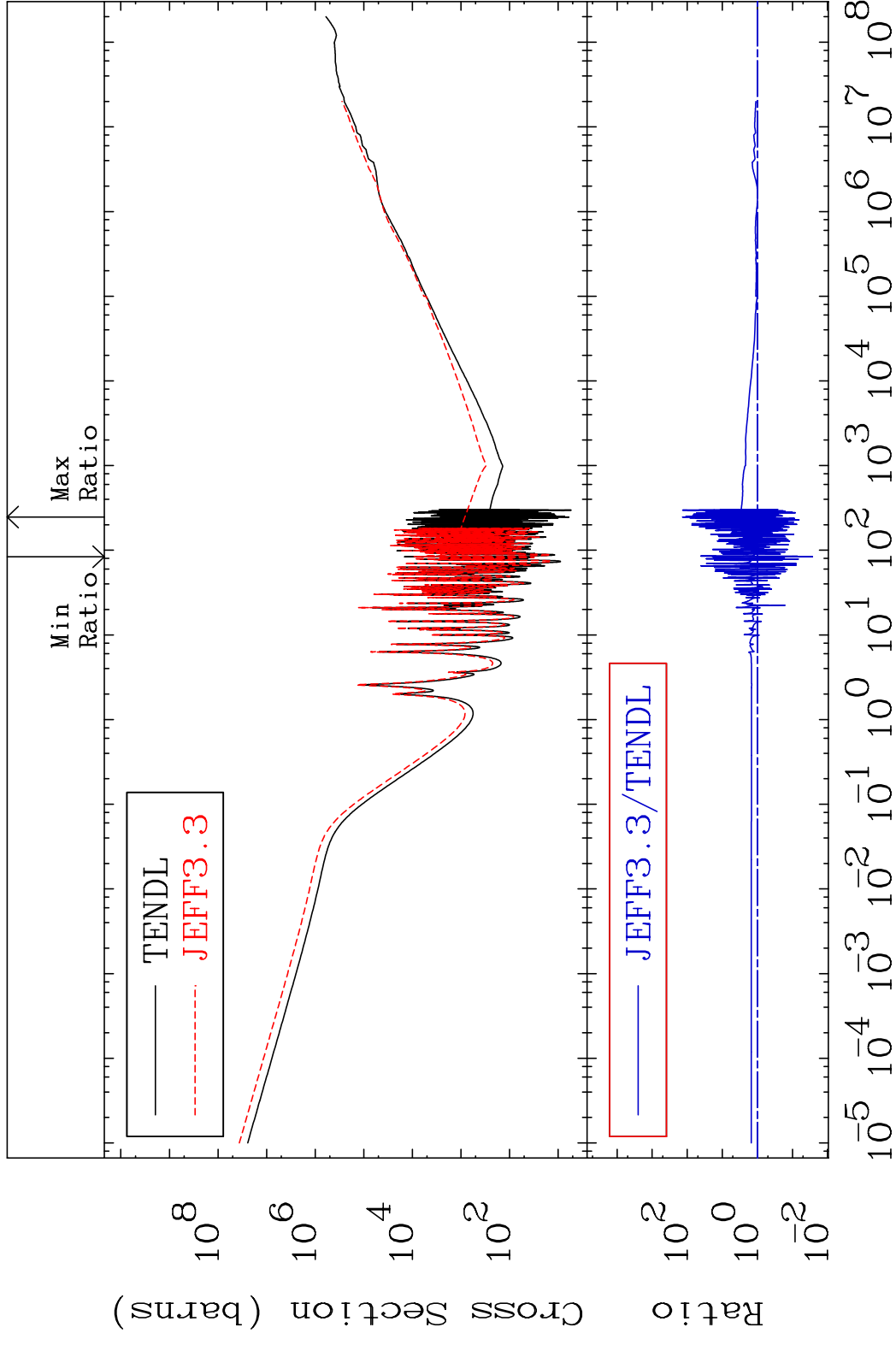


MAT 6434

Dpa total (eV-barns)

64-Gd-155

Cross Section -97.33 To 9999. %



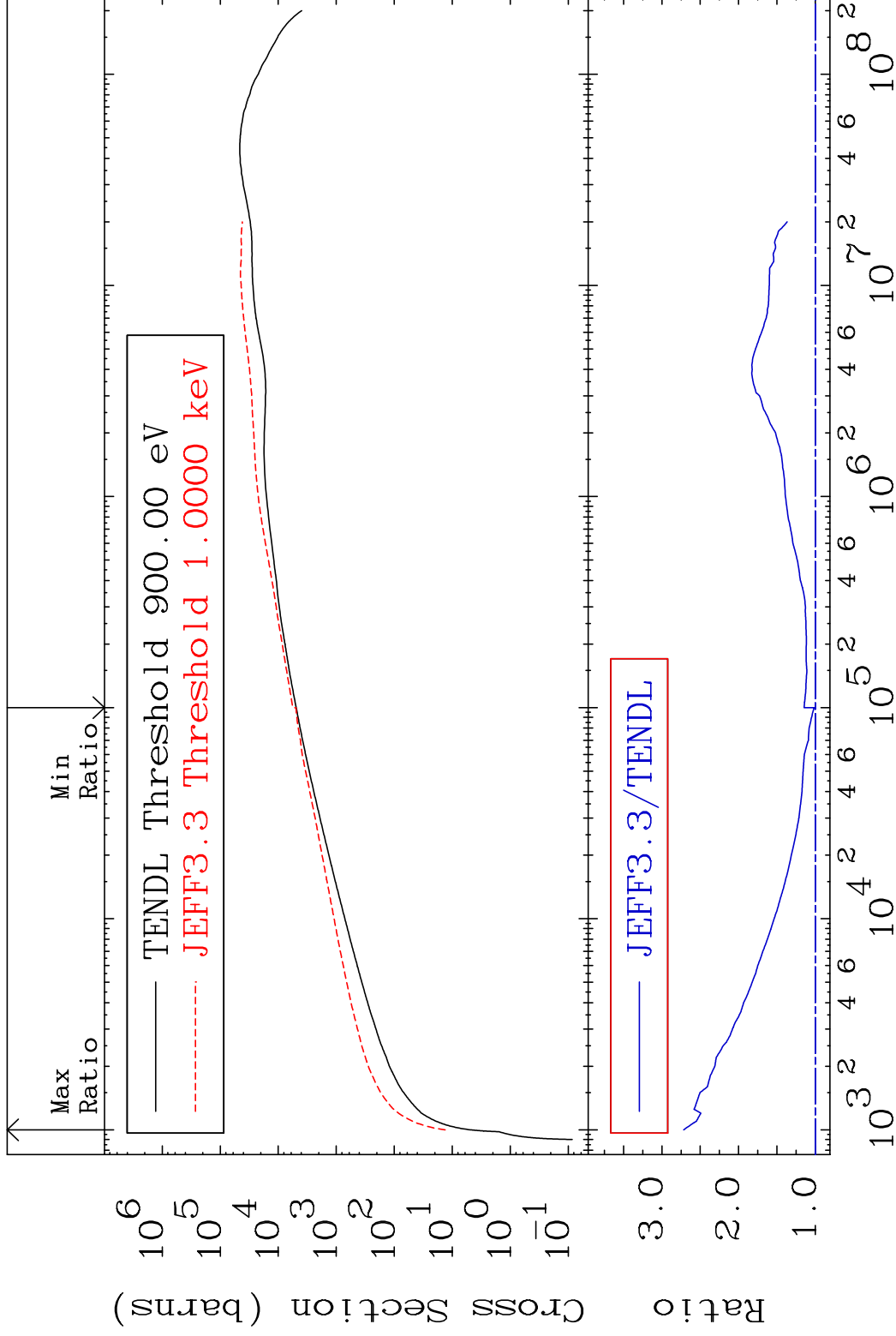
MAT 6434

Dpa elastic (mt2)

64-Gd-155

Cross Section 1.460

To 171.6 %

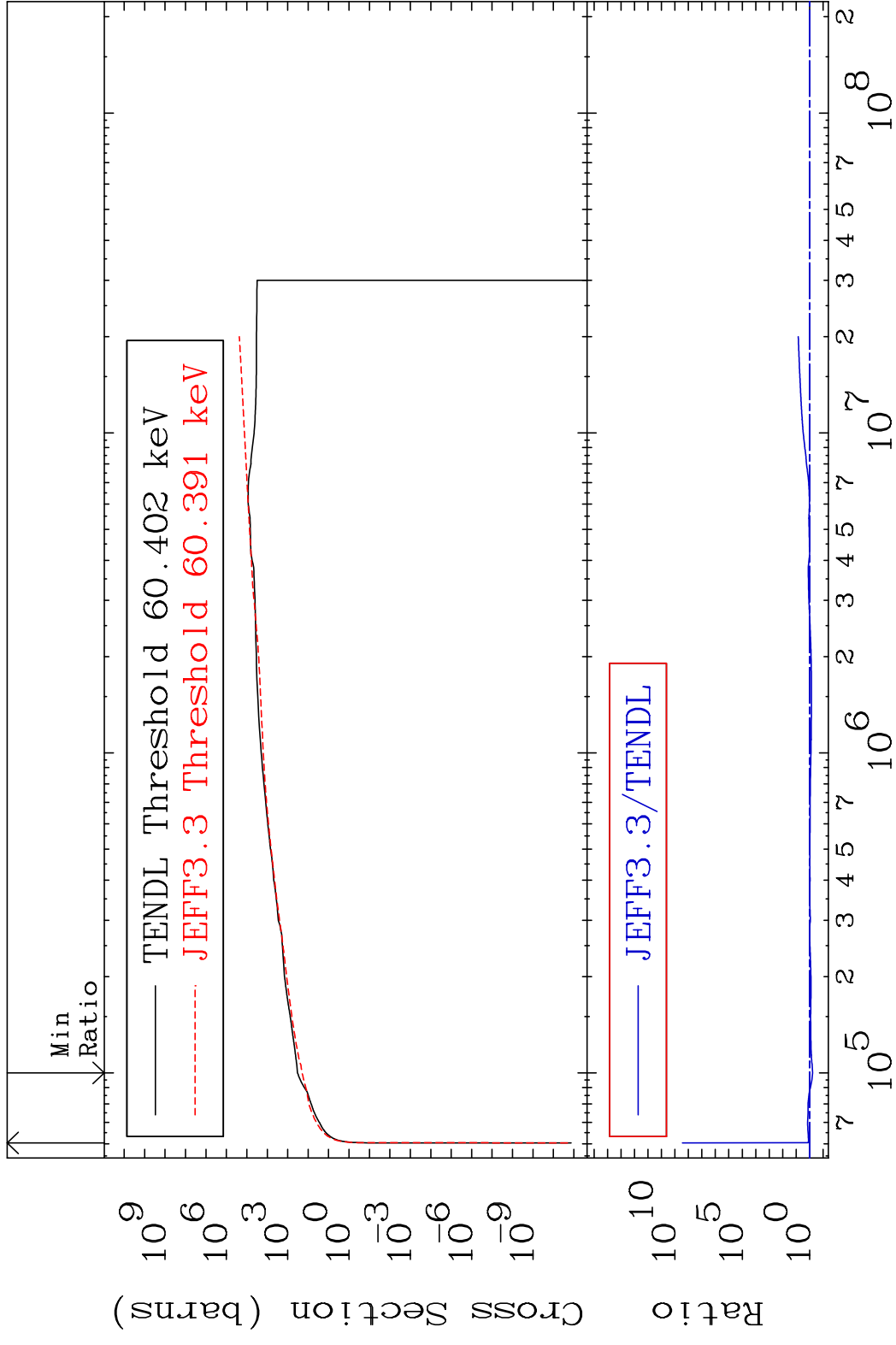


55

Incident Energy (eV)

64-Gd-155

MAT 6434 Dpa inelastic (mt51-91) 64-Gd-155  
 Cross Section -40.10 To 9999. %



MAT 6434 Dpa disappearance (mt102 -120) 64-Gd-155  
 Cross Section -97.33 To 9999. %

