

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

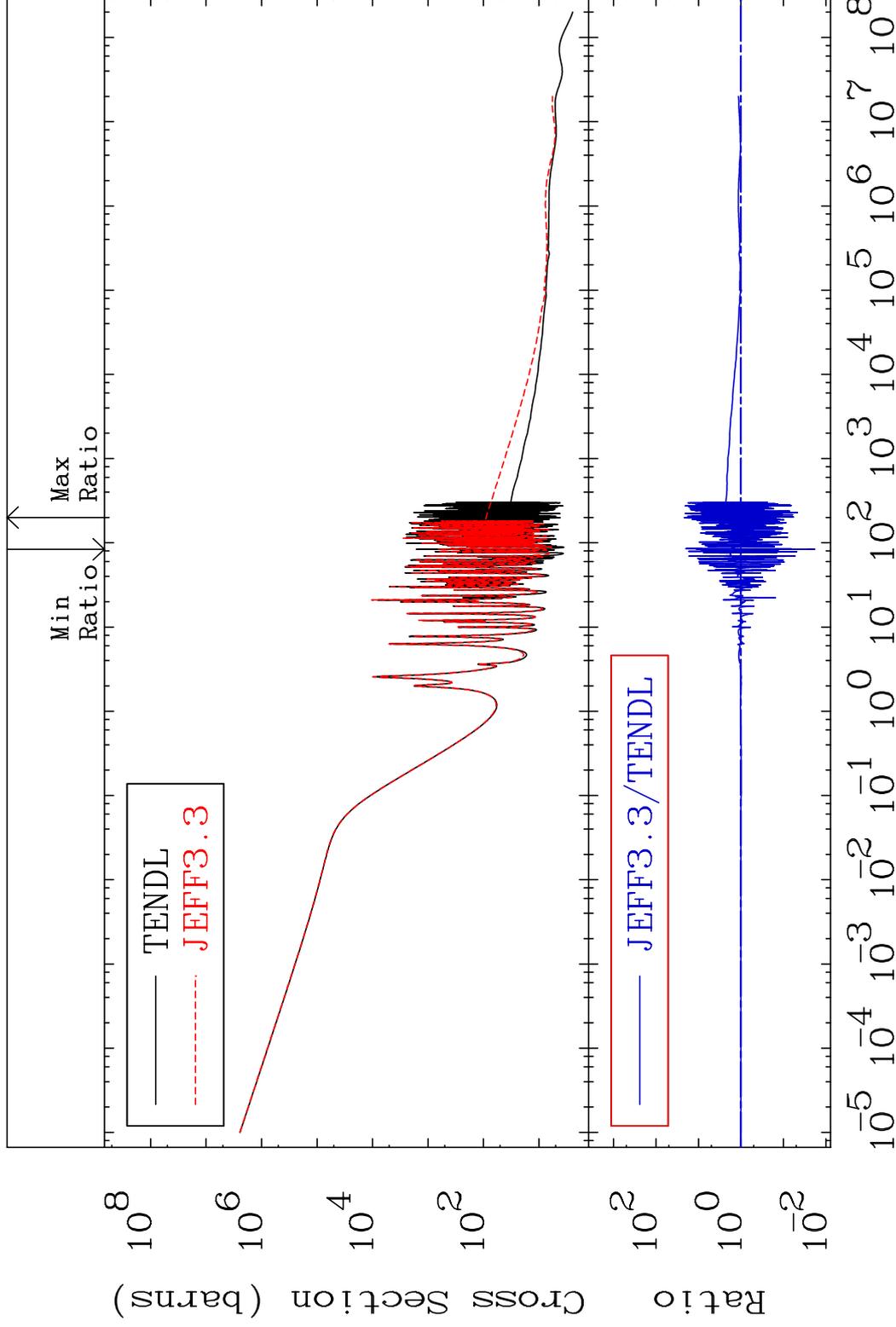
MAT 6434

Total

64-Gd-155

Cross Section

-98.16 To 2080. %



1

Incident Energy (eV)

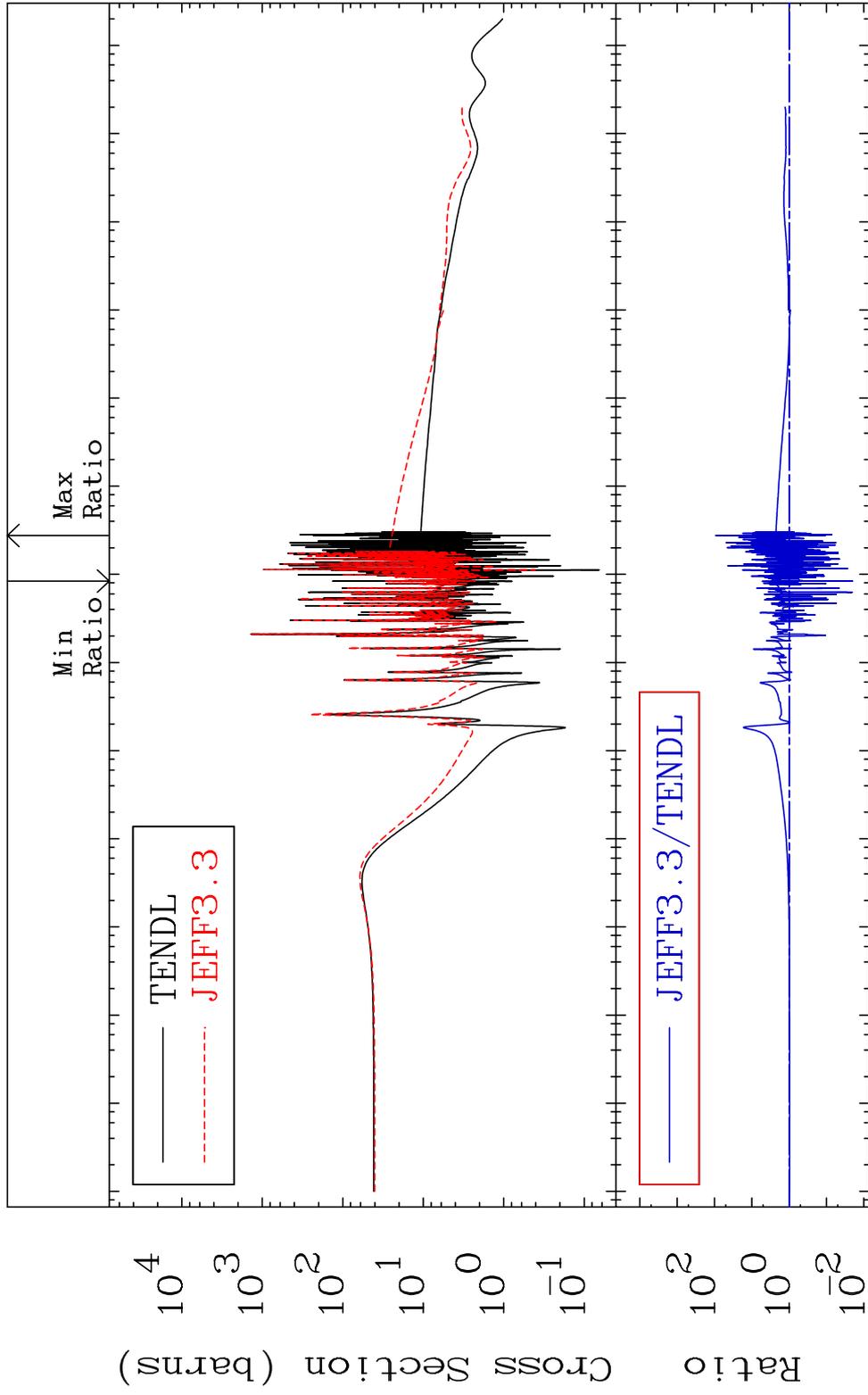
64-Gd-155

MAT 6434

Elastic

64-Gd-155

Cross Section -98.00 To 9065. %



2

Incident Energy (eV)

64-Gd-155

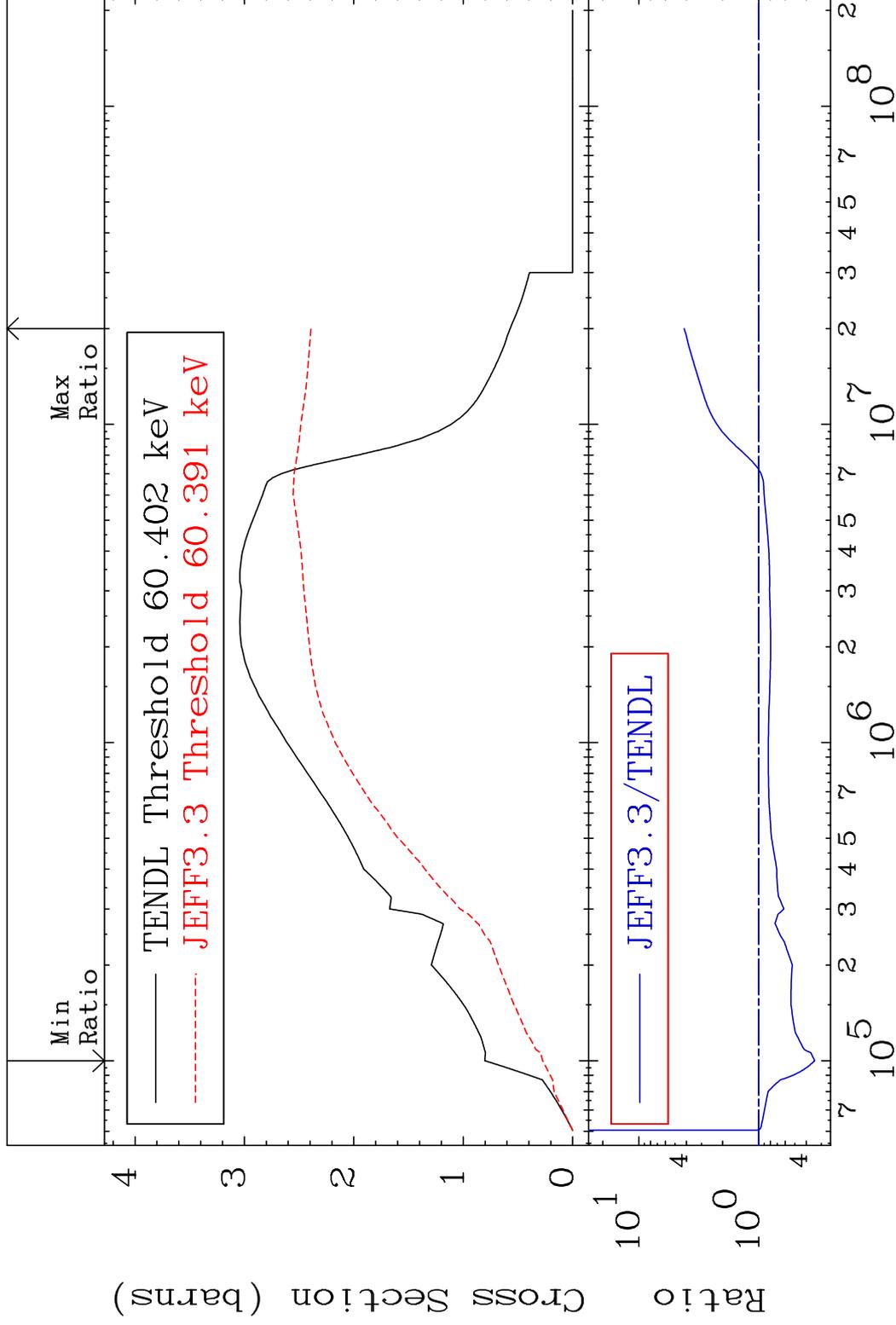
MAT 6434

Inelastic

64-Gd-155

Cross Section

-65.92 To 318.9 %

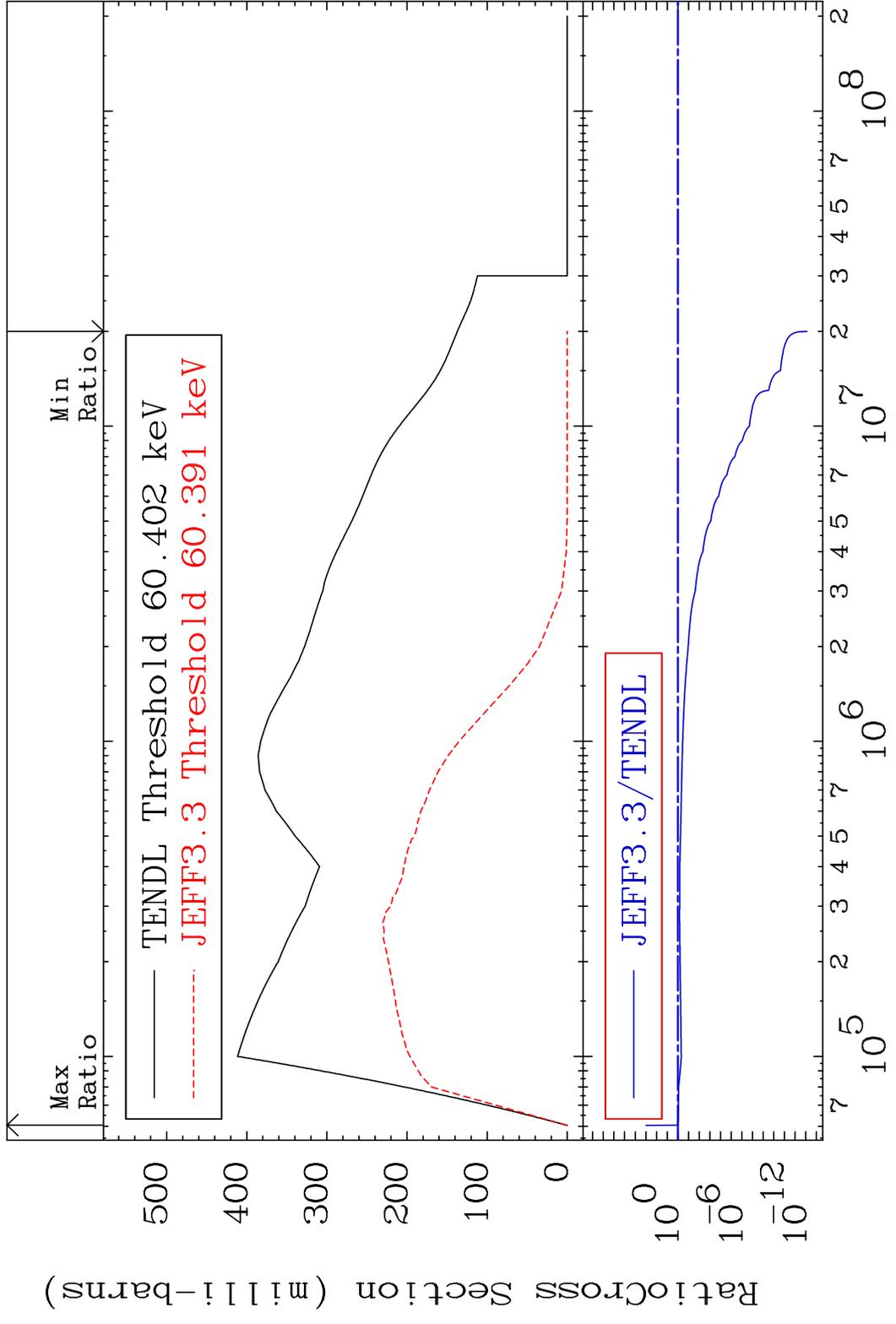


3

Incident Energy (eV)

64-Gd-155

MAT 6434 MT= 51 (n,n') Level 64-Gd-155  
 Cross Section -100.0 To 3.760 %

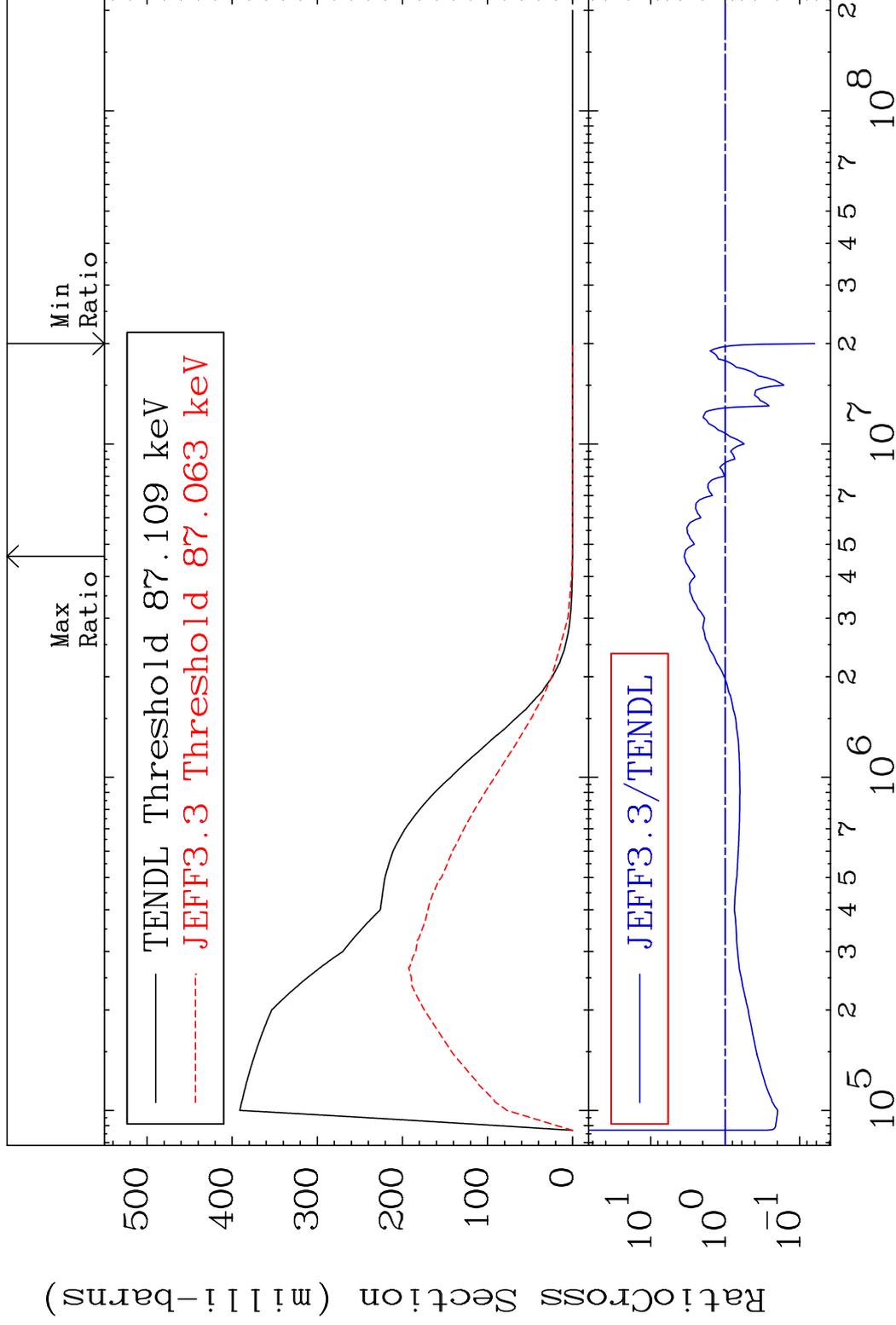


MAT 6434

MT= 52 (n, n') Level

64-Gd-155

Cross Section -93.71 To 255.8 %

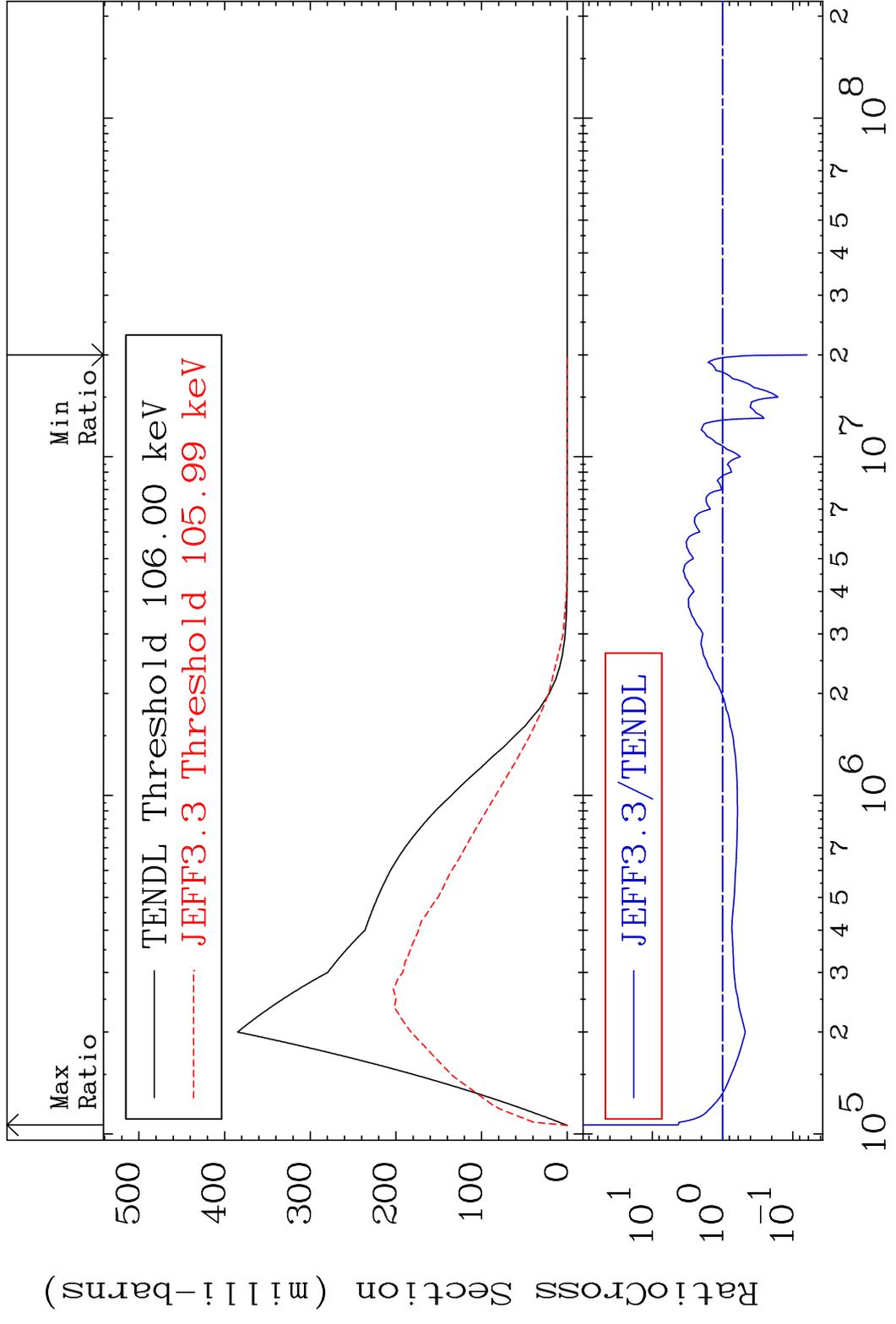


5

Incident Energy (eV)

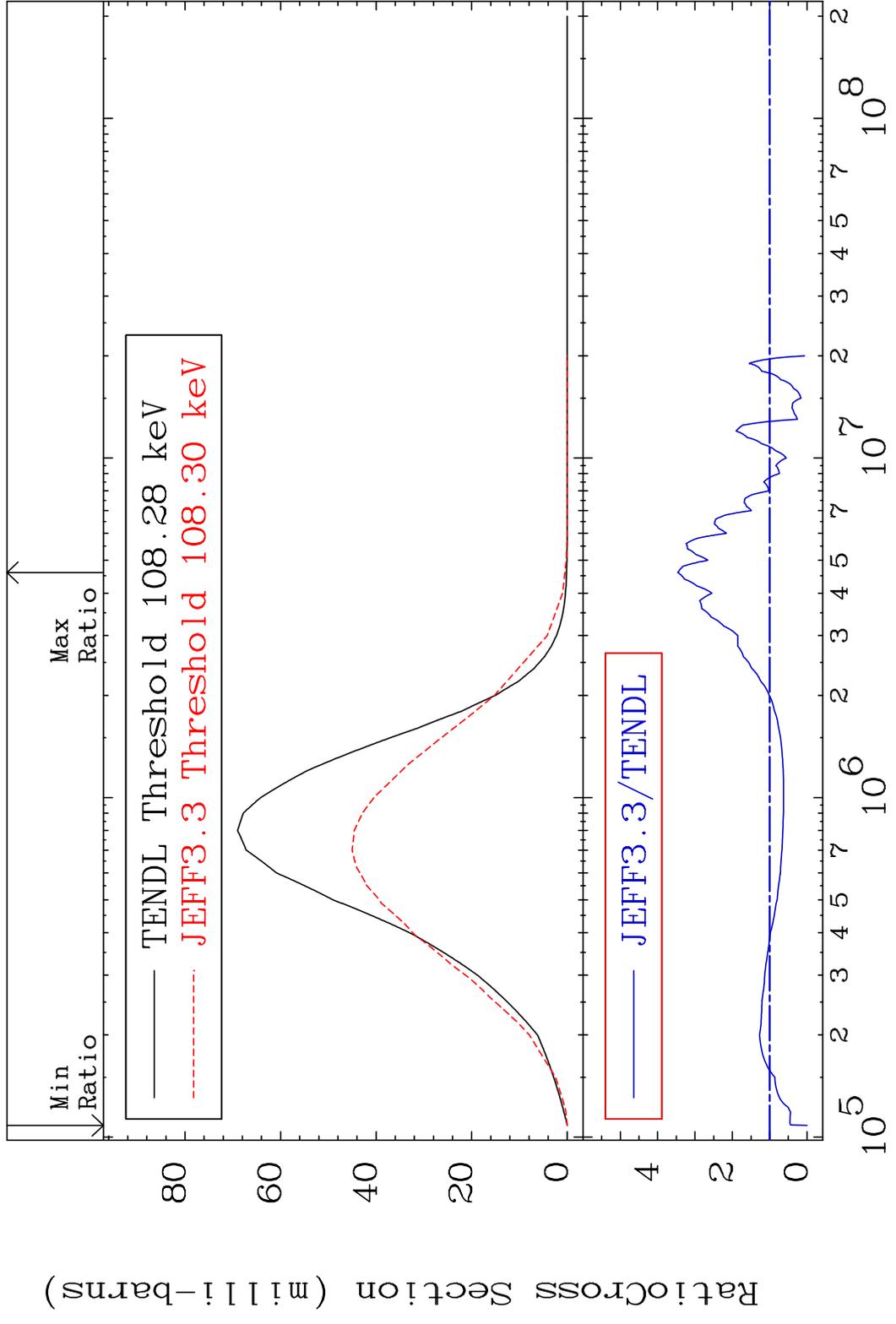
64-Gd-155

MAT 6434 MT= 53 (n,n') Level 64-Gd-155  
 Cross Section -93.73 To 335.3 %



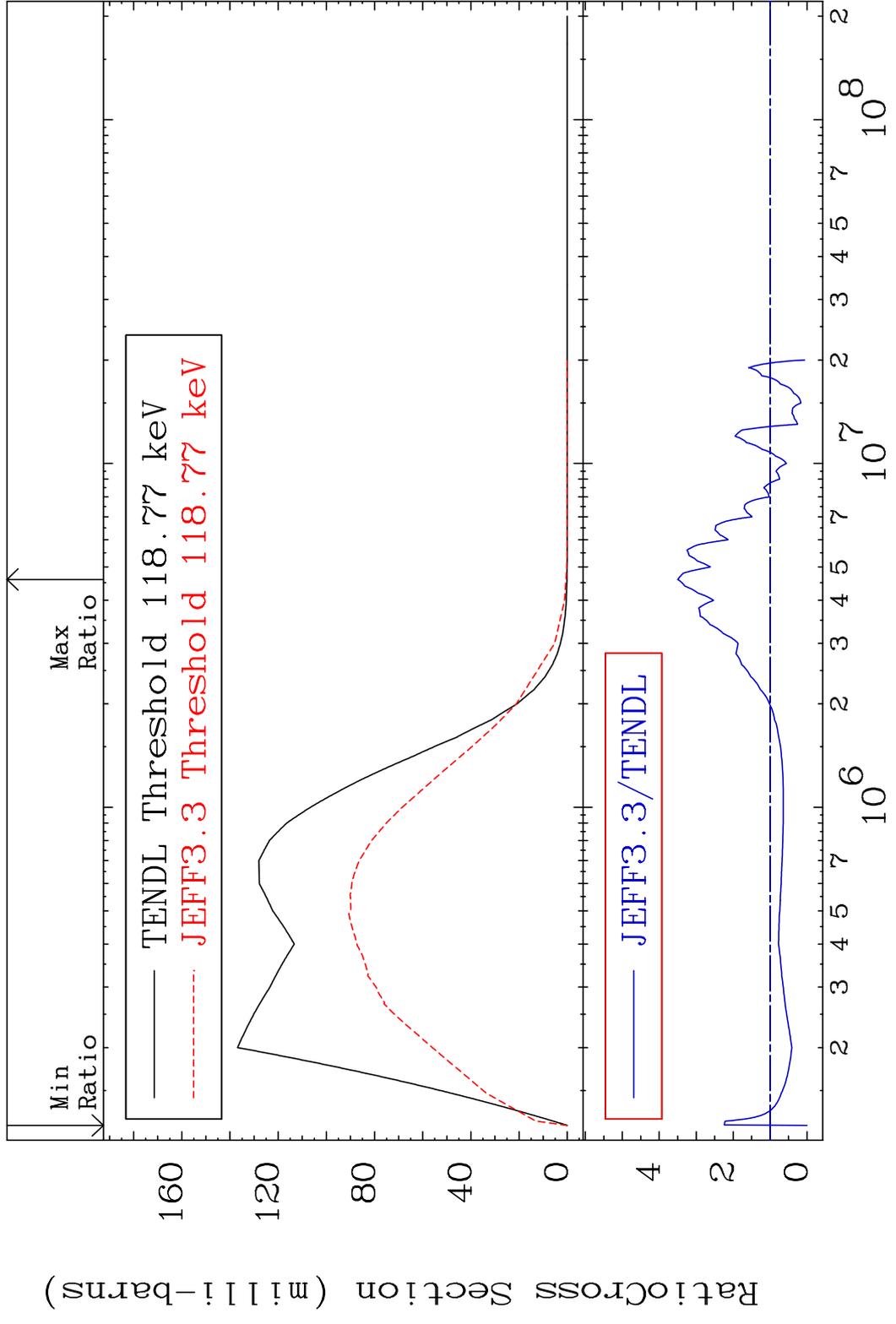
6 Incident Energy (eV) 64-Gd-155

MAT 6434 MT= 54 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 246.4 %

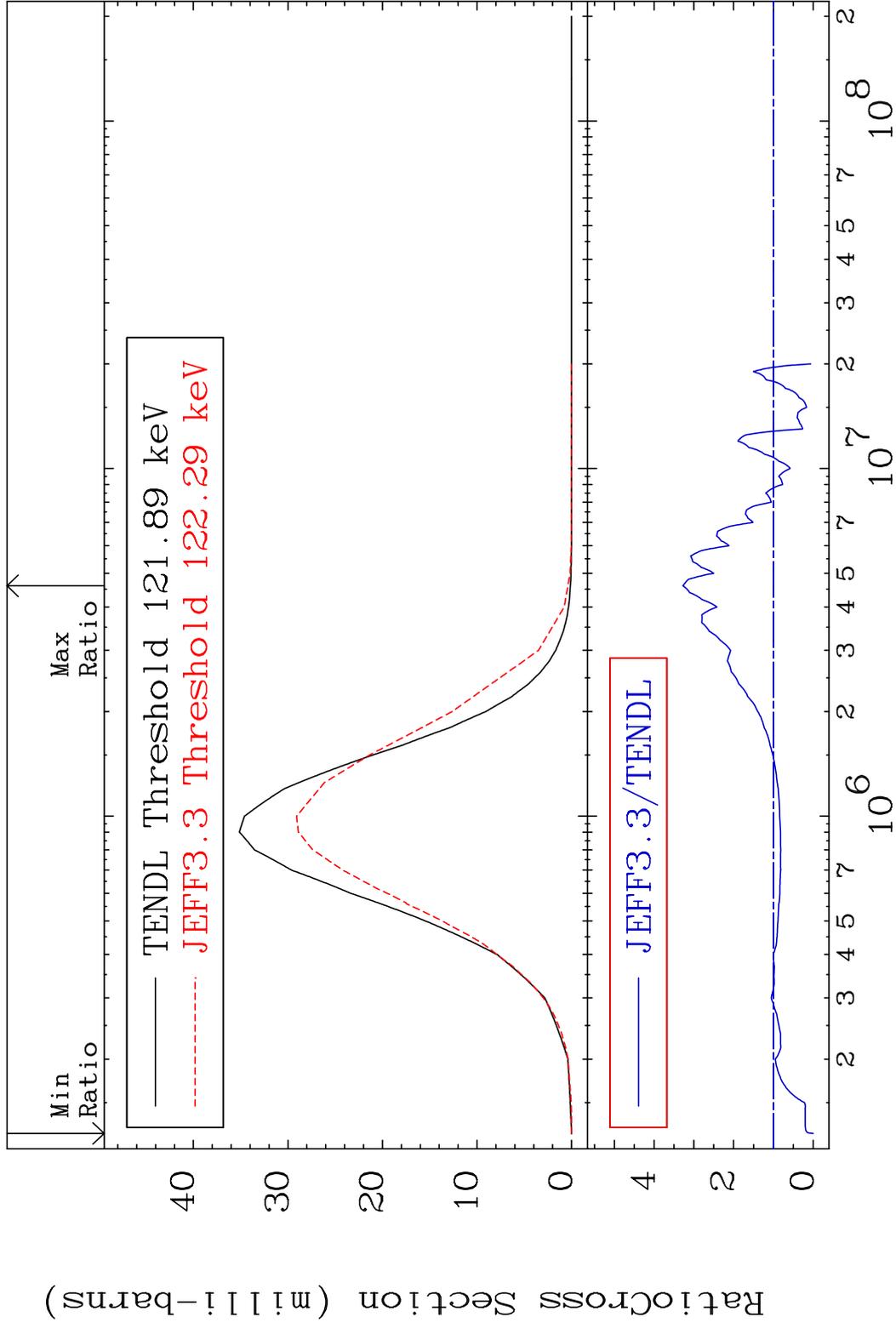


7 Incident Energy (eV) 64-Gd-155

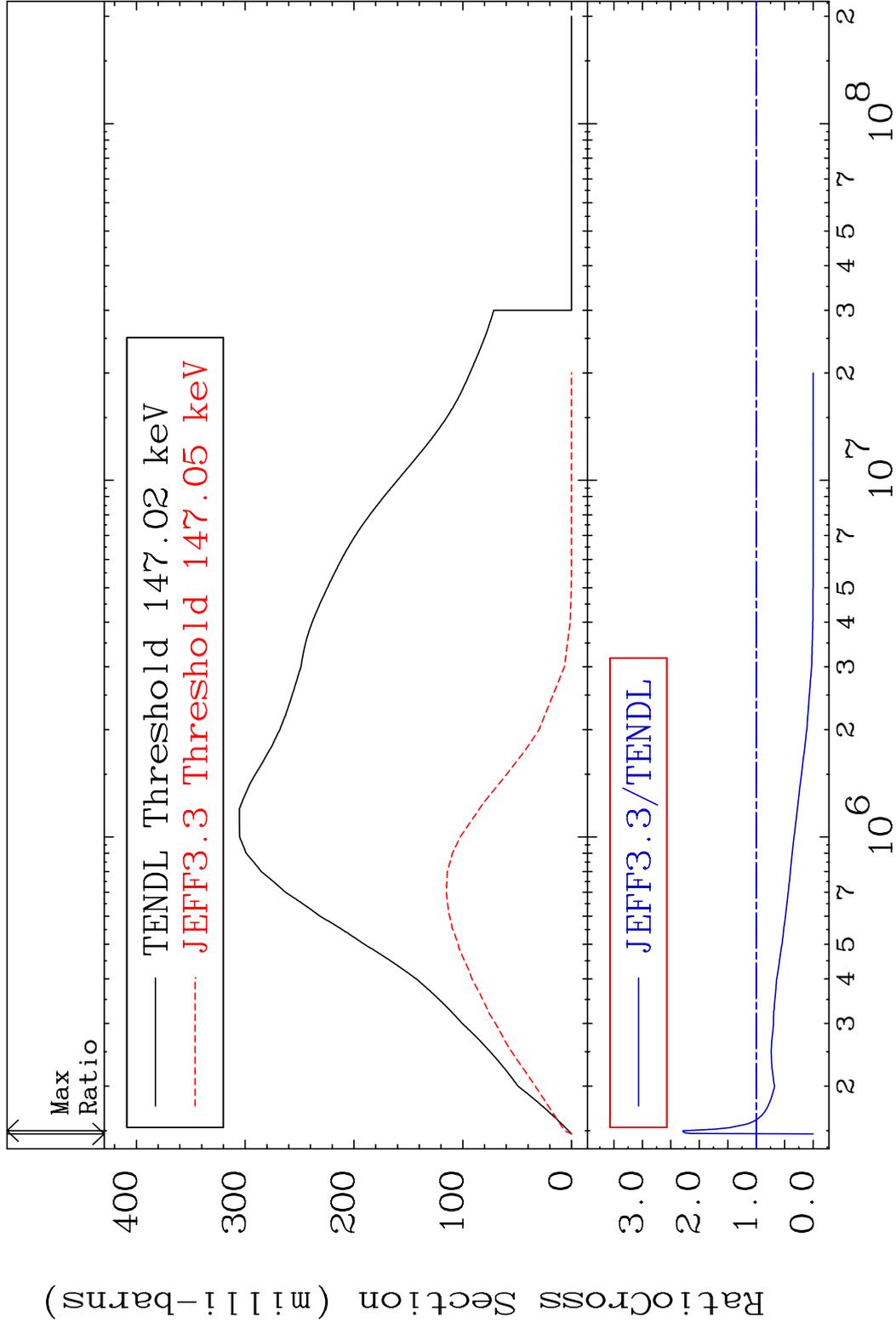
MAT 6434 MT= 55 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 250.1 %



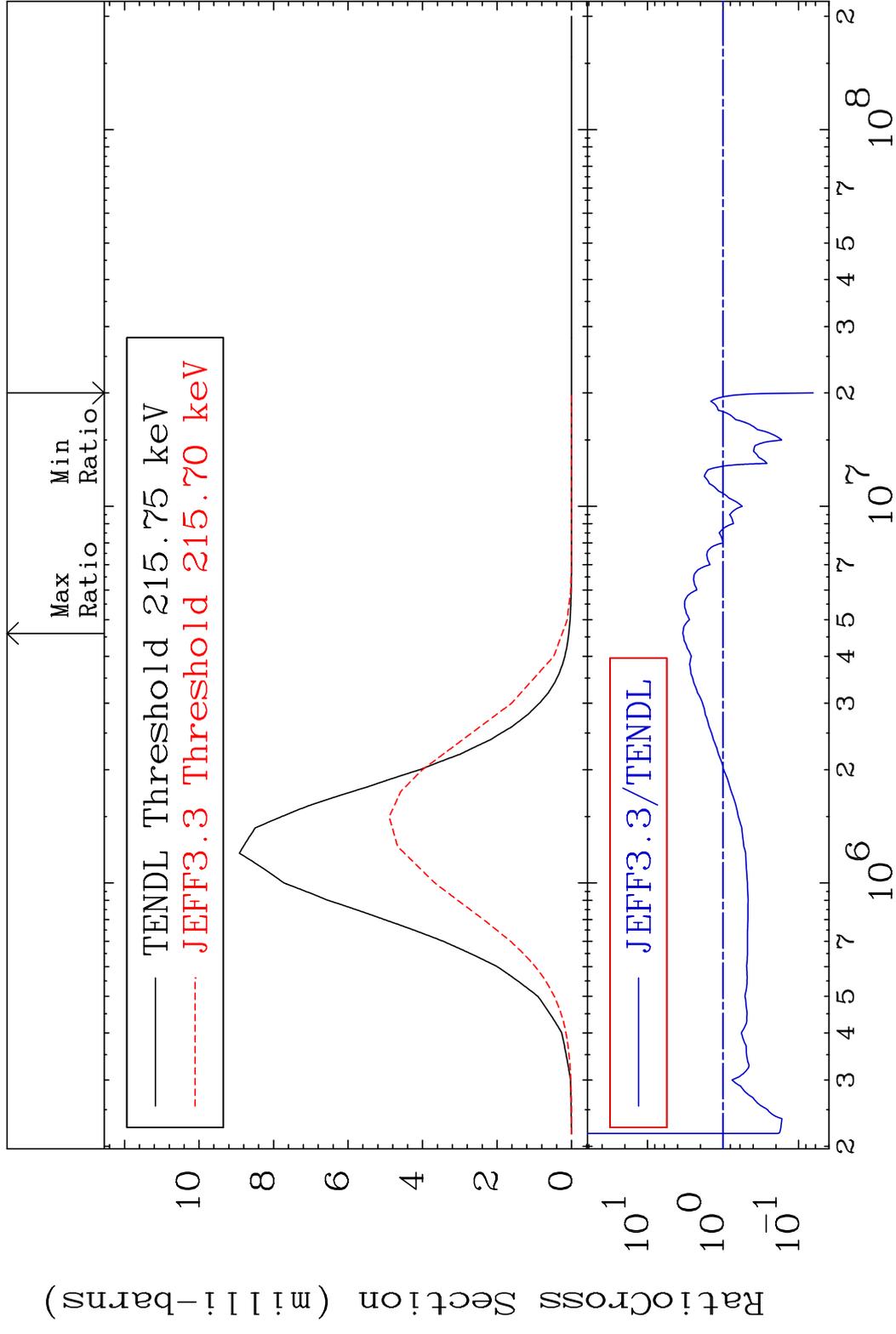
MAT 6434 MT= 56 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 227.8 %



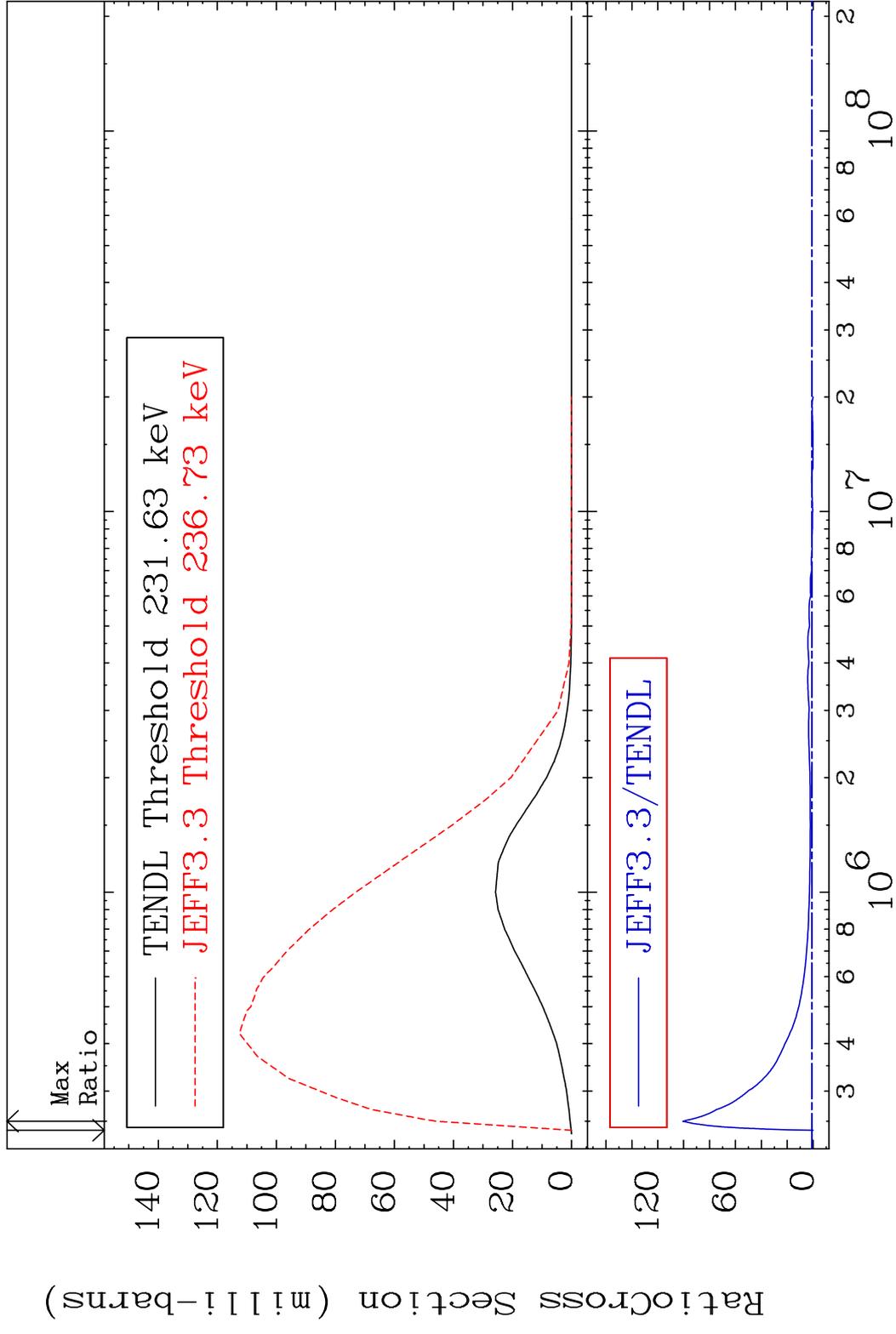
MAT 6434 MT= 57 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 128.9 %



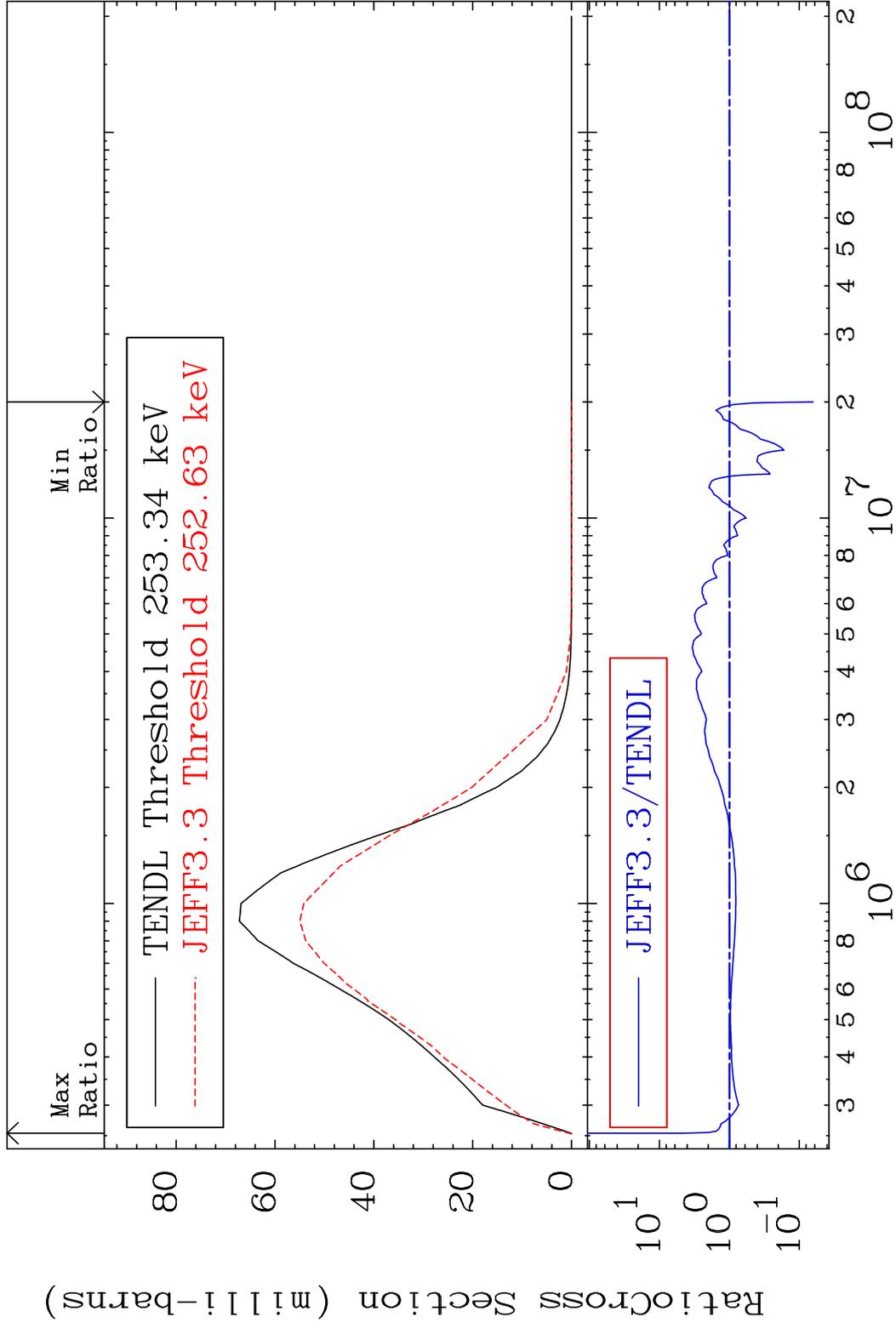
MAT 6434 MT= 58 (n, n') Level 64-Gd-155  
 Cross Section -93.58 To 241.2 %



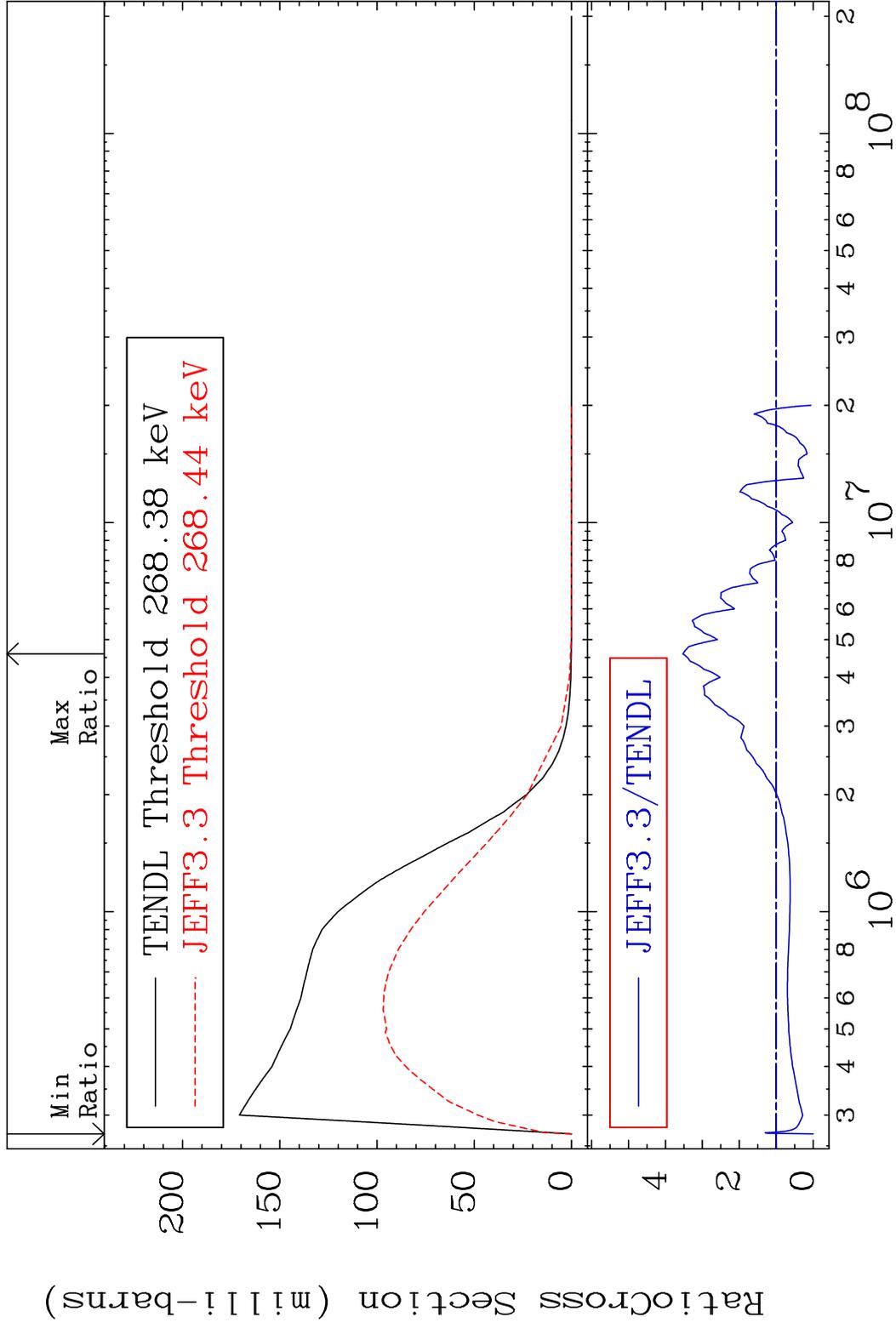
MAT 6434 MT= 59 (n,n') Level 64-Gd-155  
 Cross Section -100.0 To 9964. %



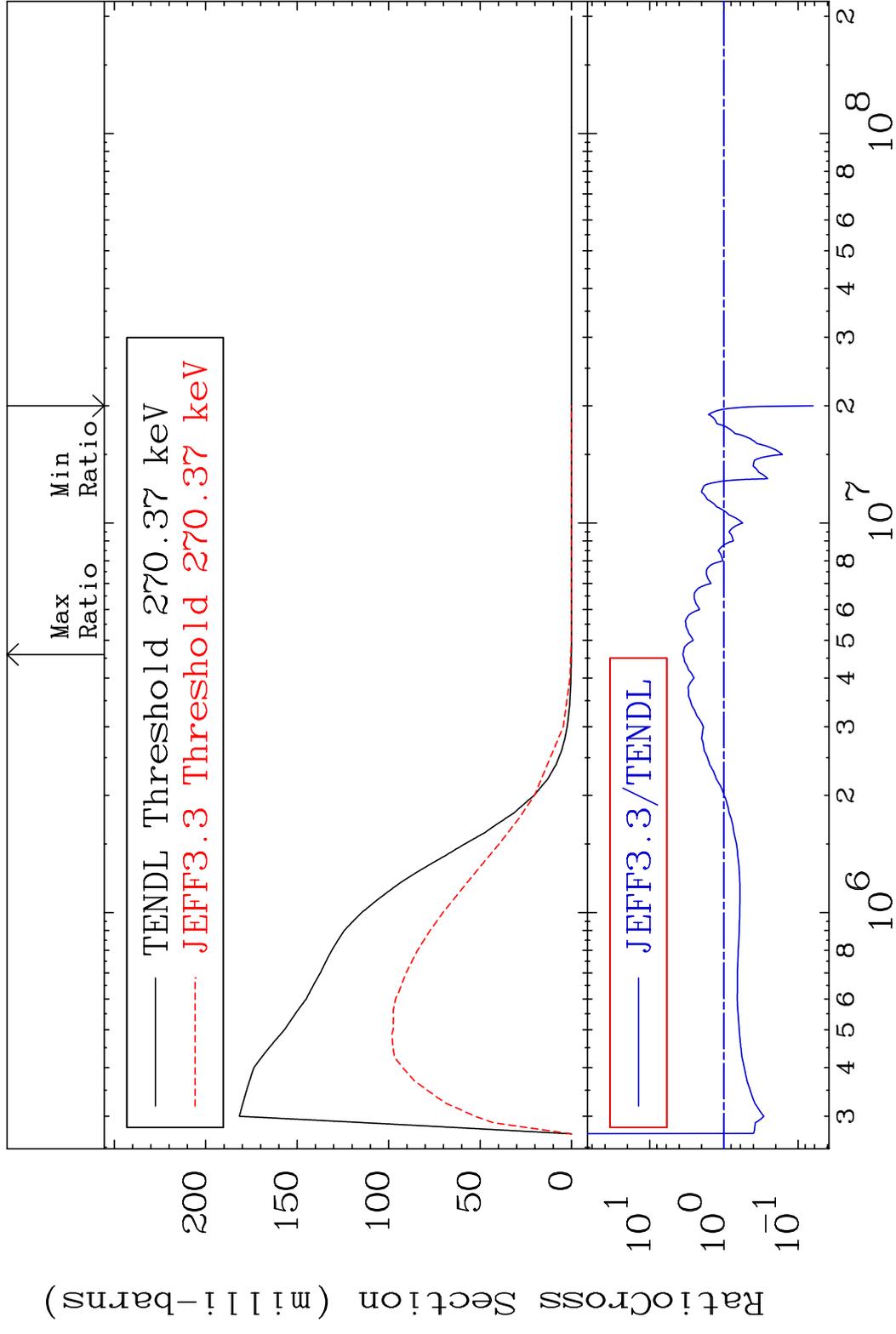
MAT 6434 MT= 60 (n, n') Level 64-Gd-155  
 Cross Section -93.65 To 361.4 %



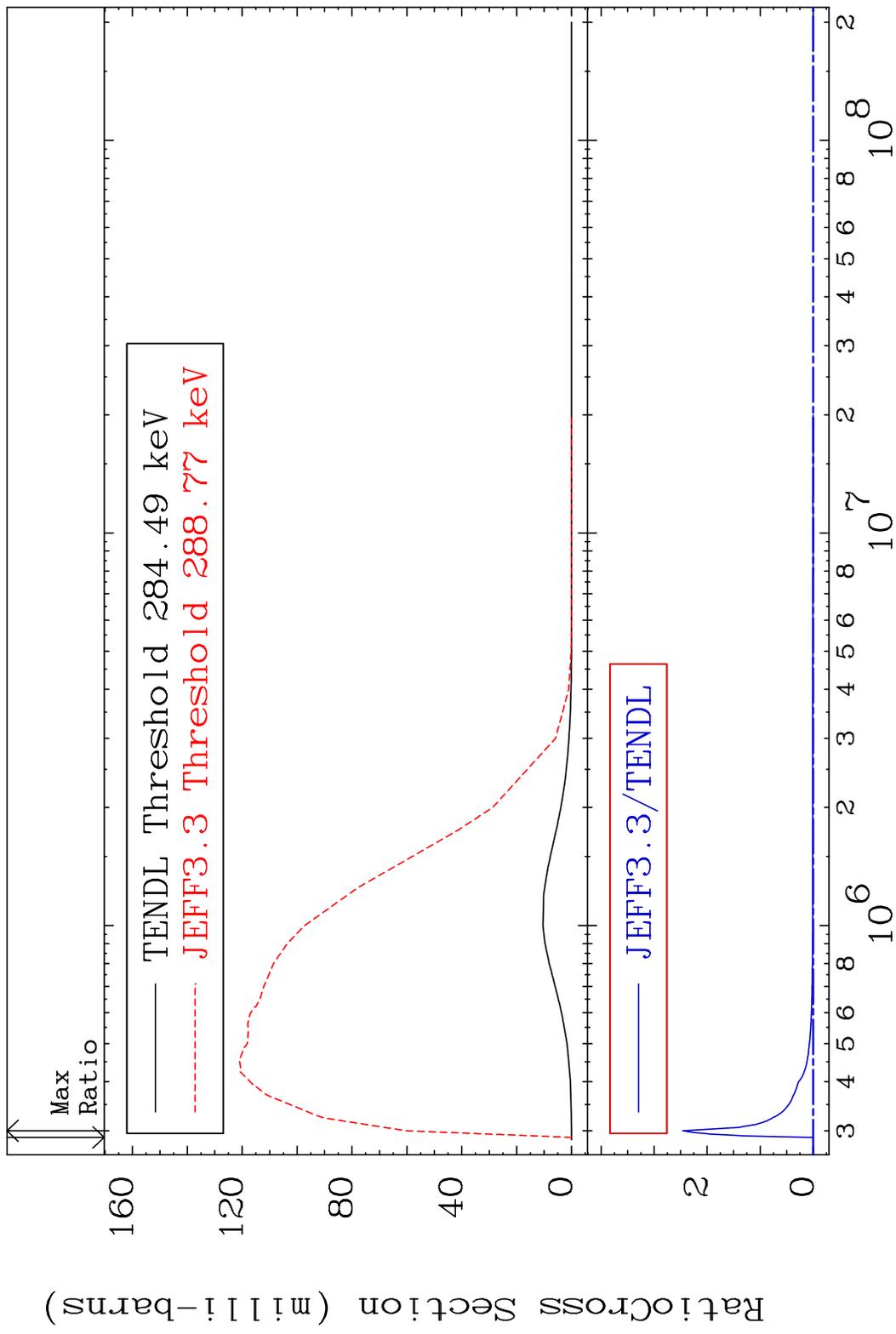
MAT 6434 MT= 61 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 252.9 %



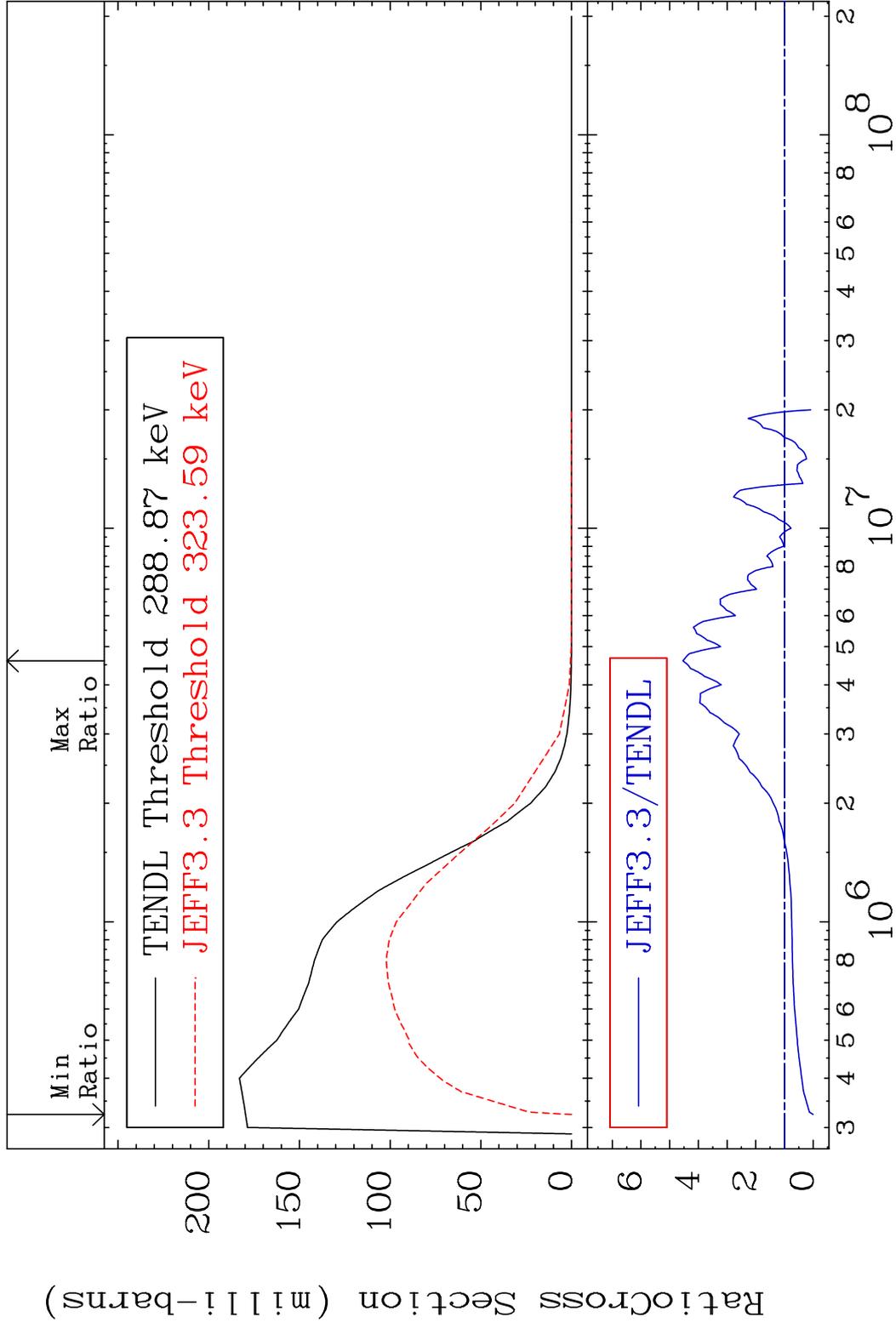
MAT 6434 MT= 62 (n, n') Level 64-Gd-155  
 Cross Section -93.72 To 257.8 %



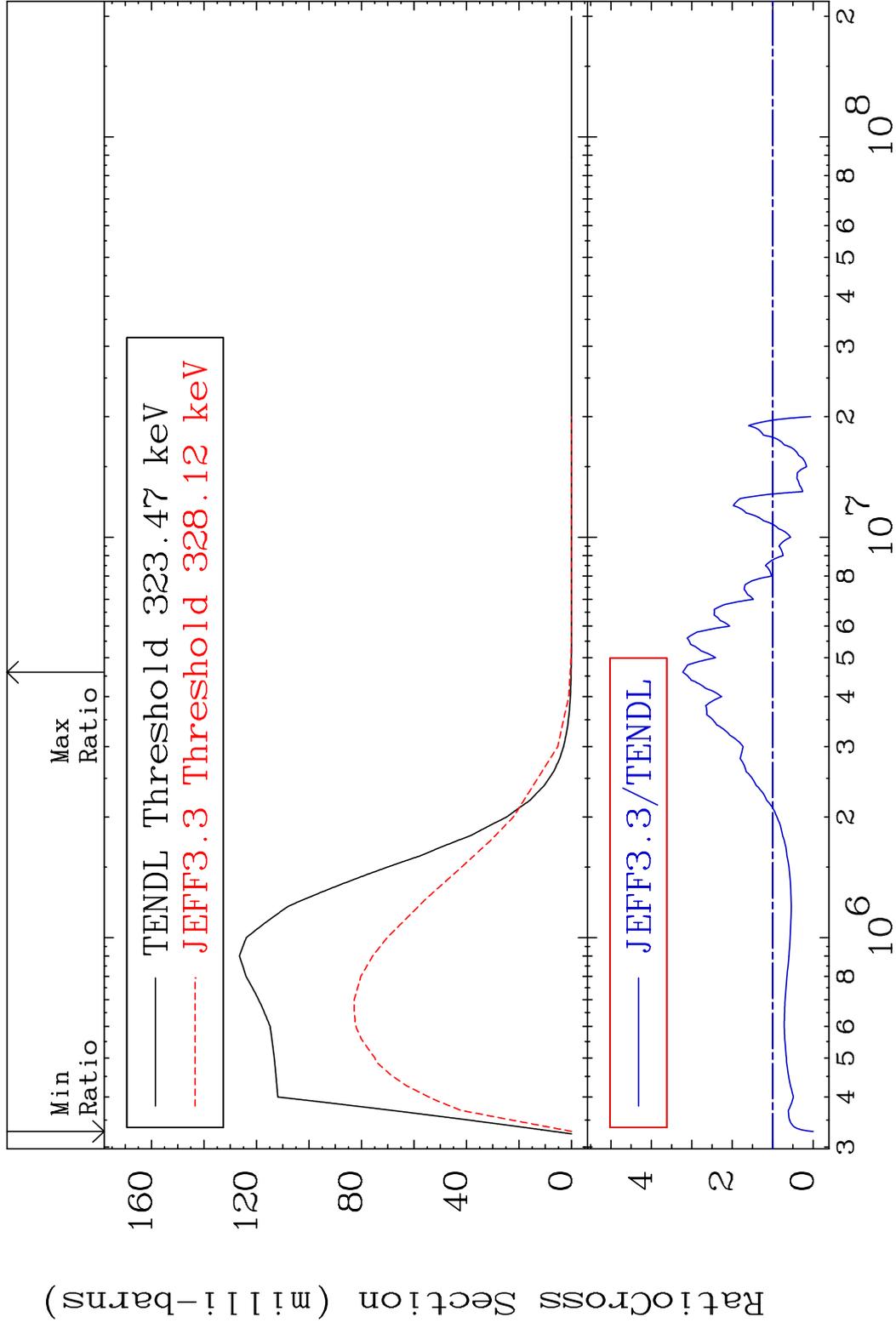
MAT 6434 MT= 63 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 9999. %



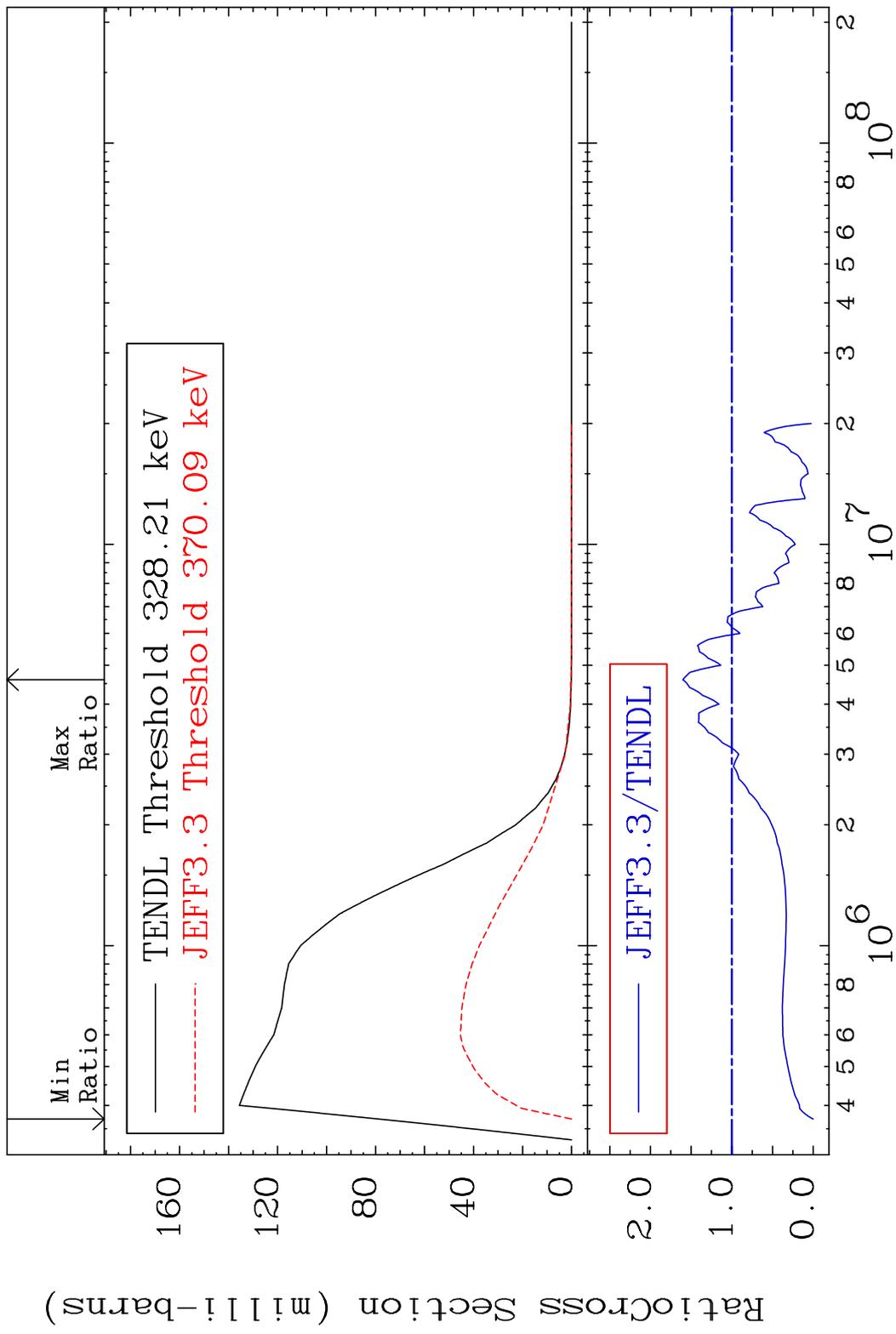
MAT 6434 MT= 64 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 354.1 %



MAT 6434 MT= 65 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 222.2 %



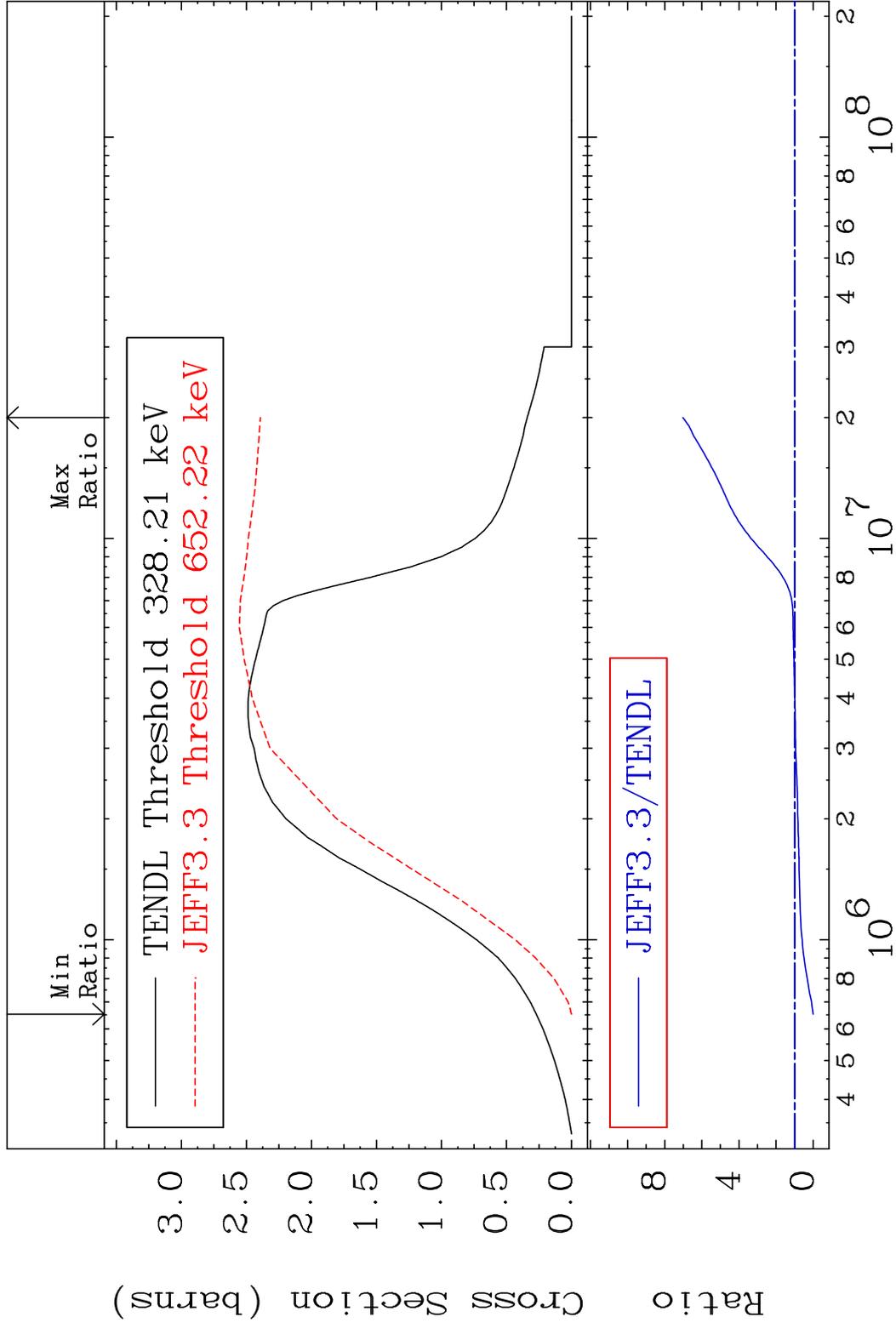
MAT 6434 MT= 66 (n, n') Level 64-Gd-155  
 Cross Section -100.0 To 60.26 %



MAT 6434

(n, n') Continuum  
Cross Section -100.0 To 602.5 %

64-Gd-155

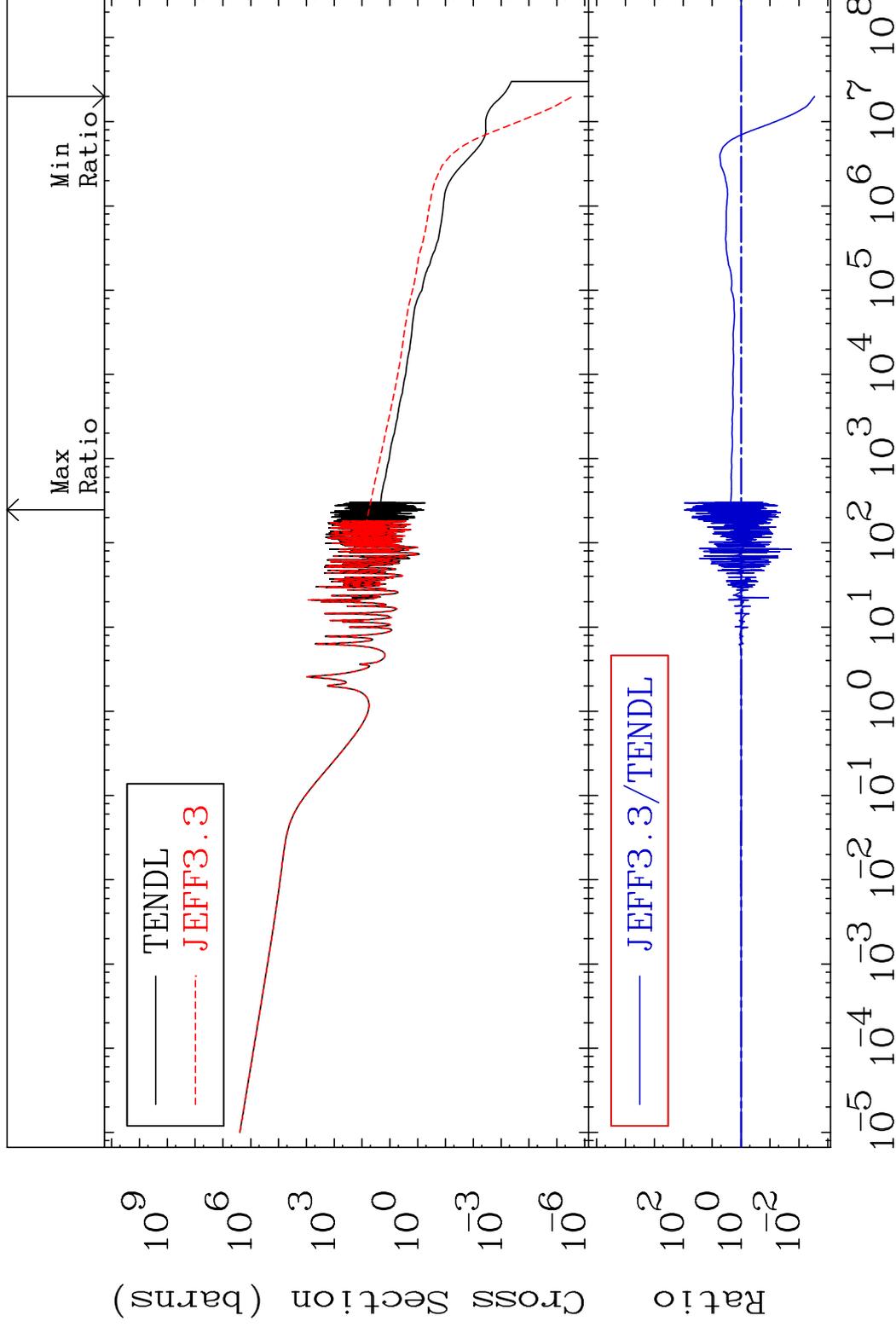


MAT 6434

(n,  $\gamma$ )

64-Gd-155

Cross Section -99.72 To 9241. %



21

Incident Energy (eV)

64-Gd-155

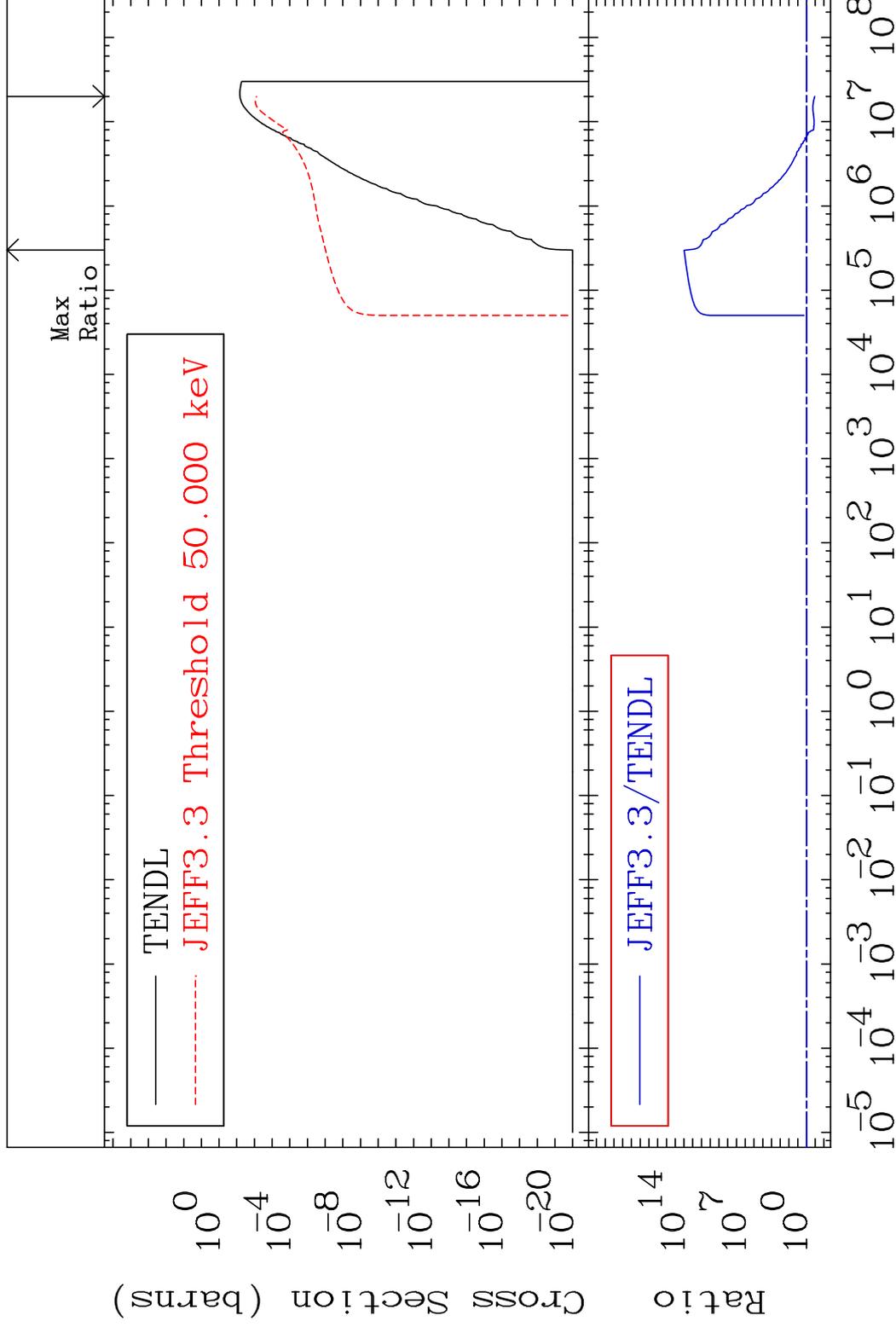
MAT 6434

(n, p)

64-Gd-155

Cross Section

-88.44 To 9999. %

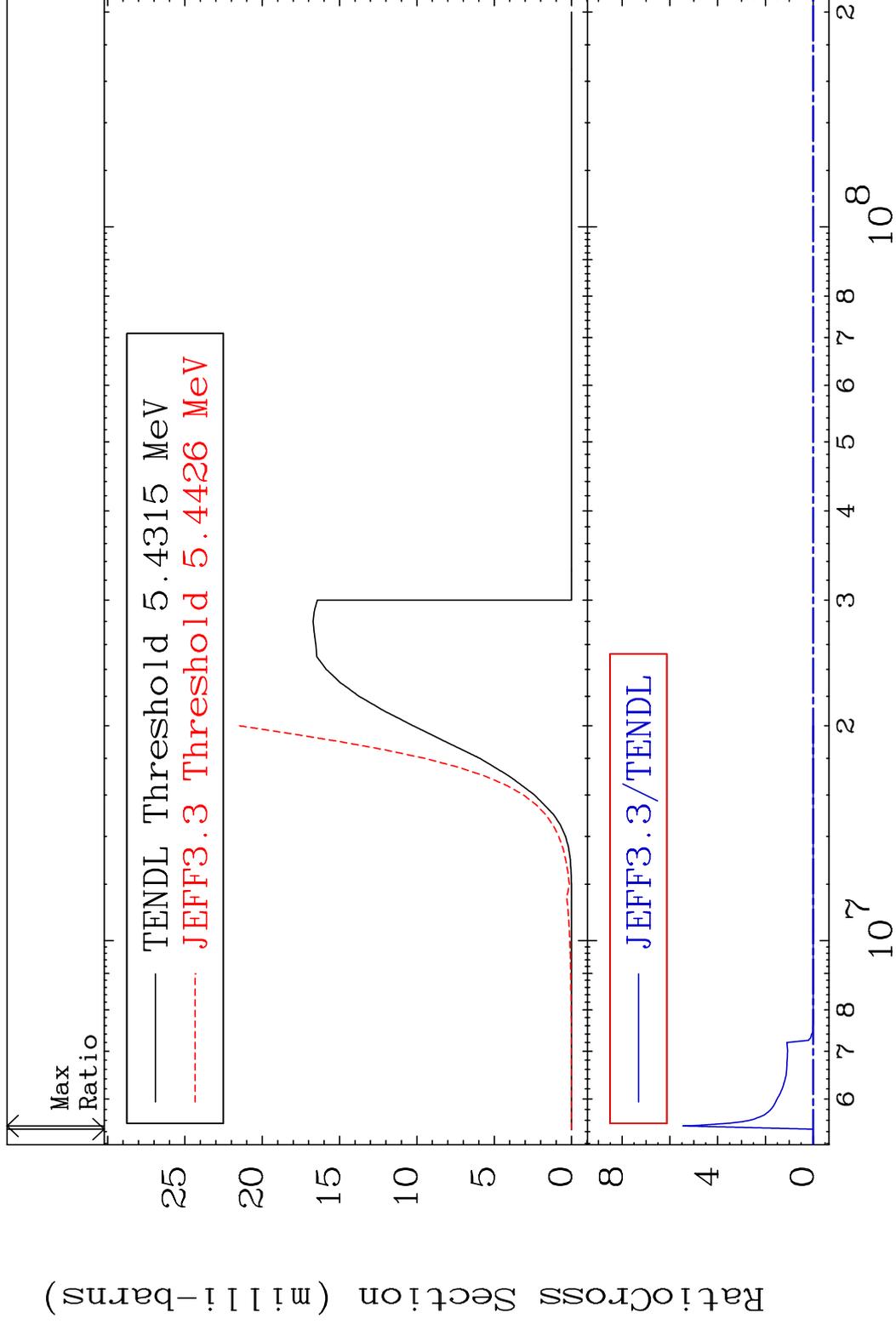


MAT 6434

(n,d)

64-Gd-155

Cross Section -100.0 To 9999. %



23

Incident Energy (eV)

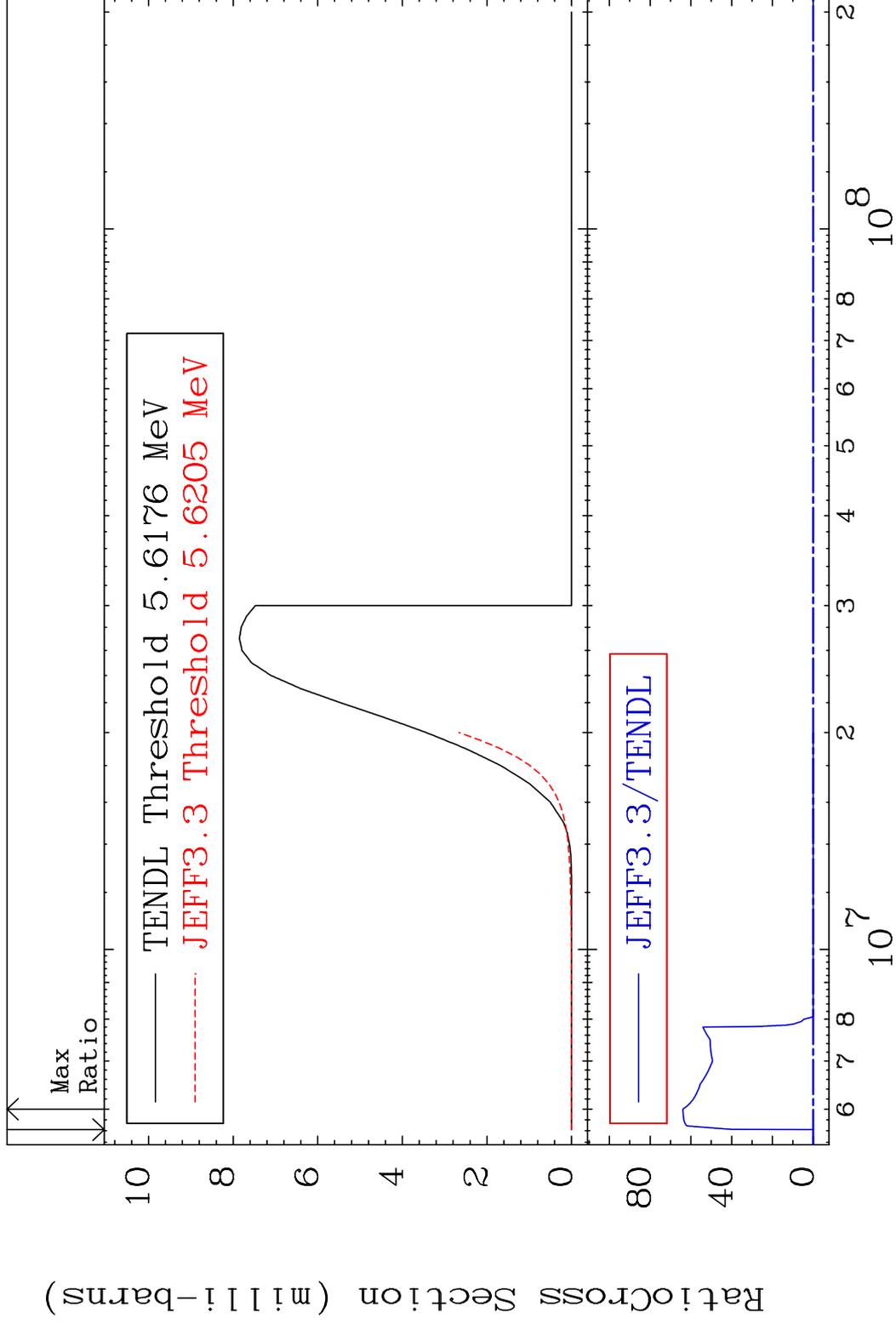
64-Gd-155

MAT 6434

(n, t)

64-Gd-155

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

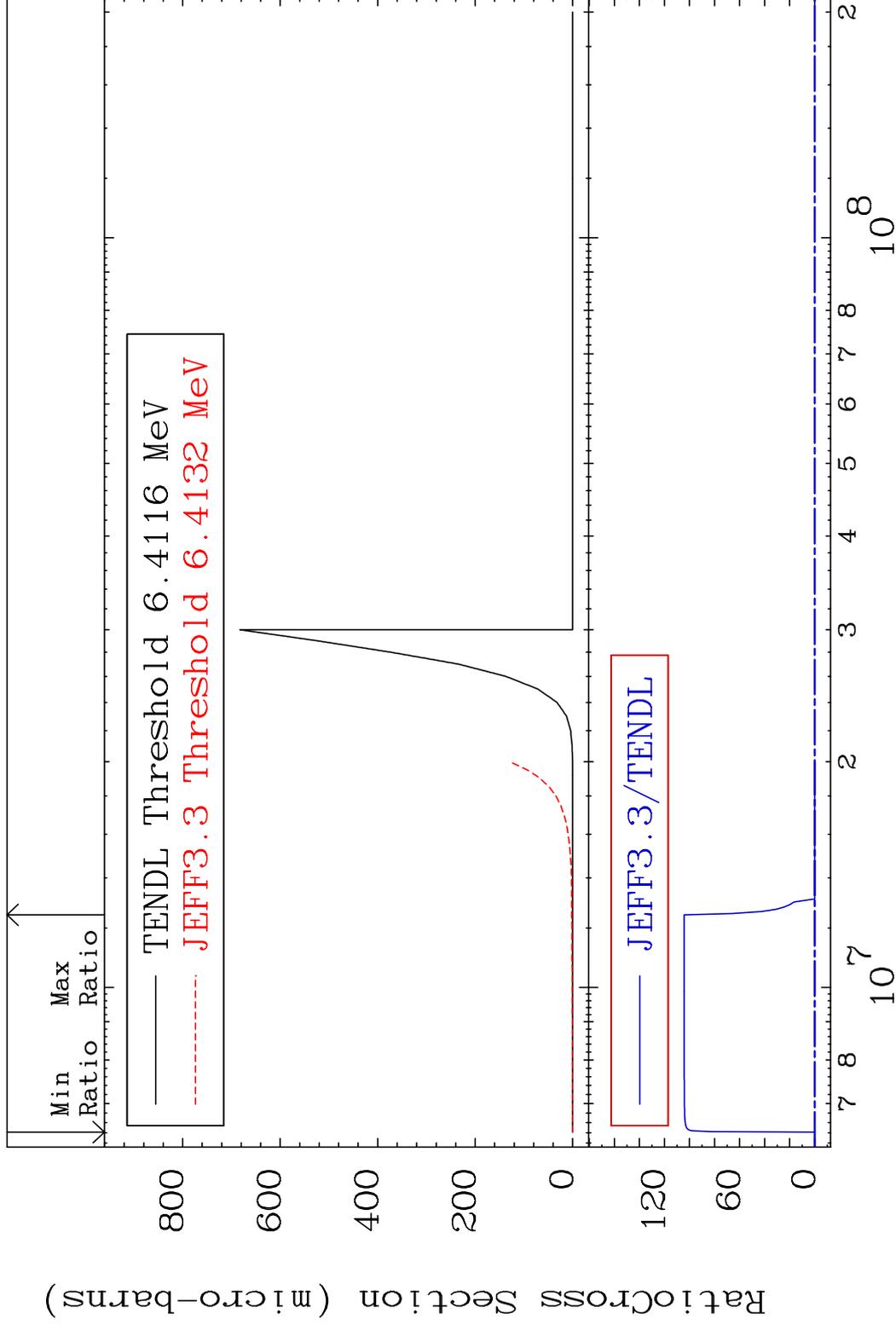
64-Gd-155

MAT 6434

(n, He-3)

64-Gd-155

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

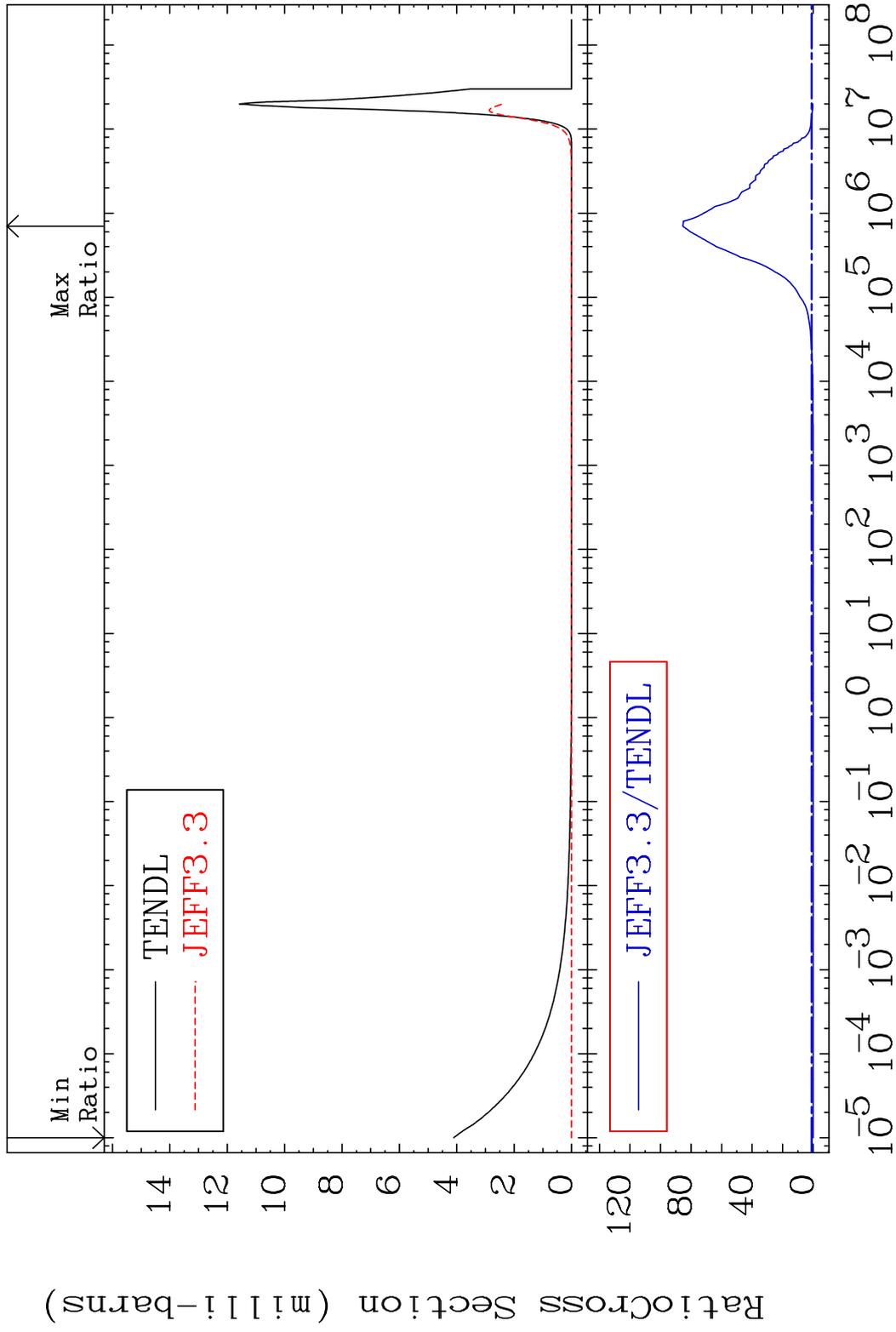
64-Gd-155

MAT 6434

(n,  $\alpha$ )

64-Gd-155

Cross Section -100.0 To 8438. %



26

Incident Energy (eV)

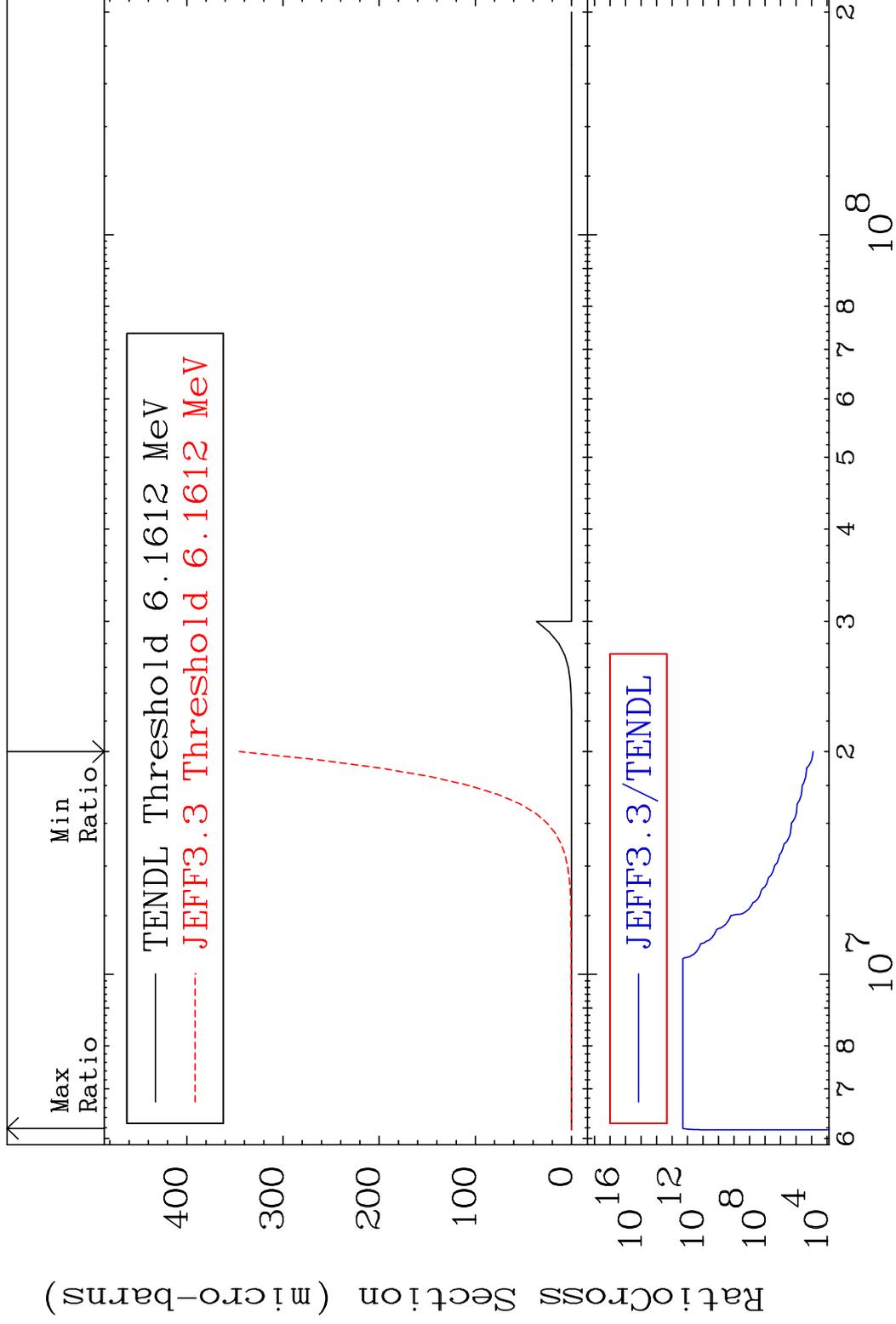
64-Gd-155

MAT 6434

(n,2p)

64-Gd-155

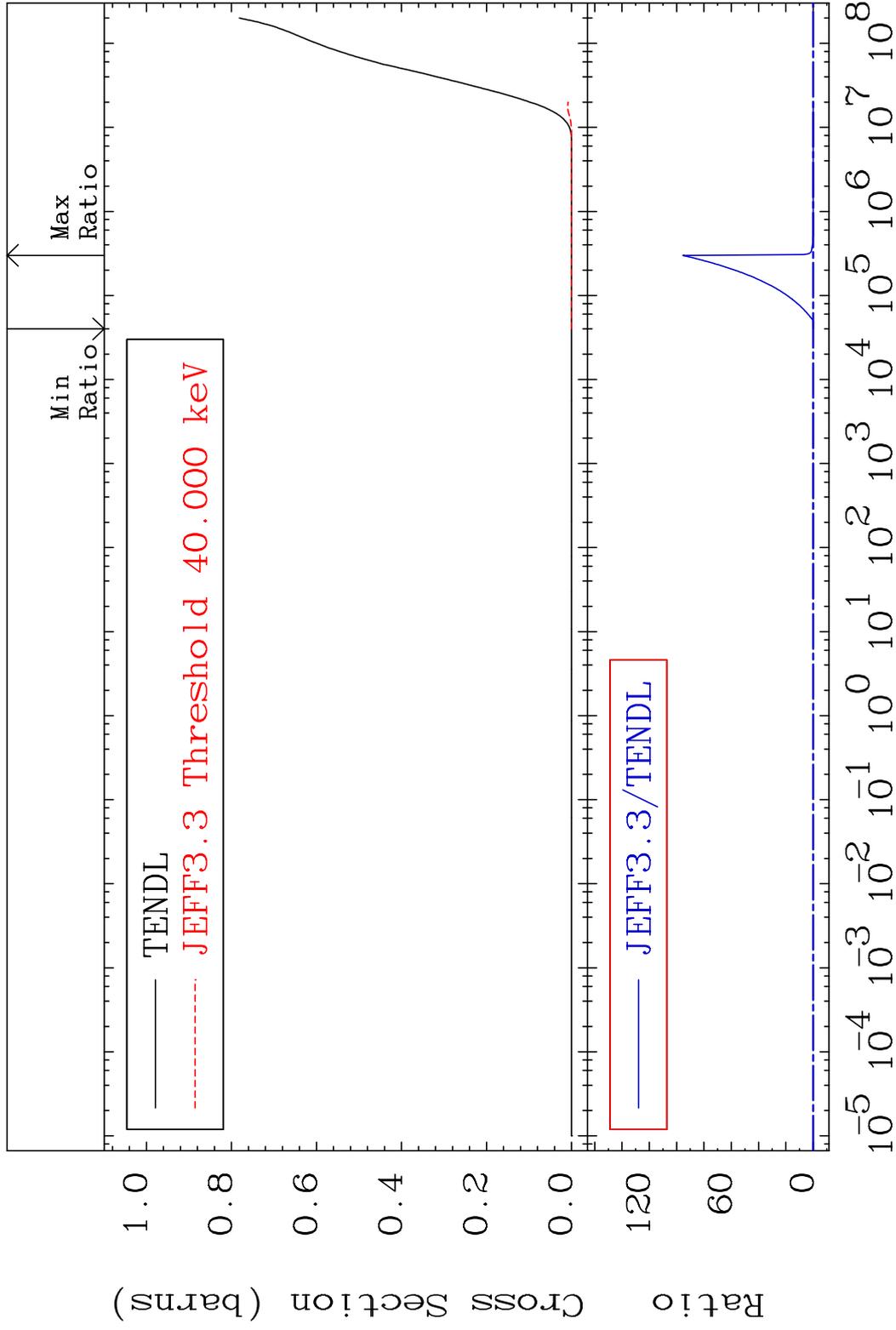
Cross Section 9999. To 9999. %



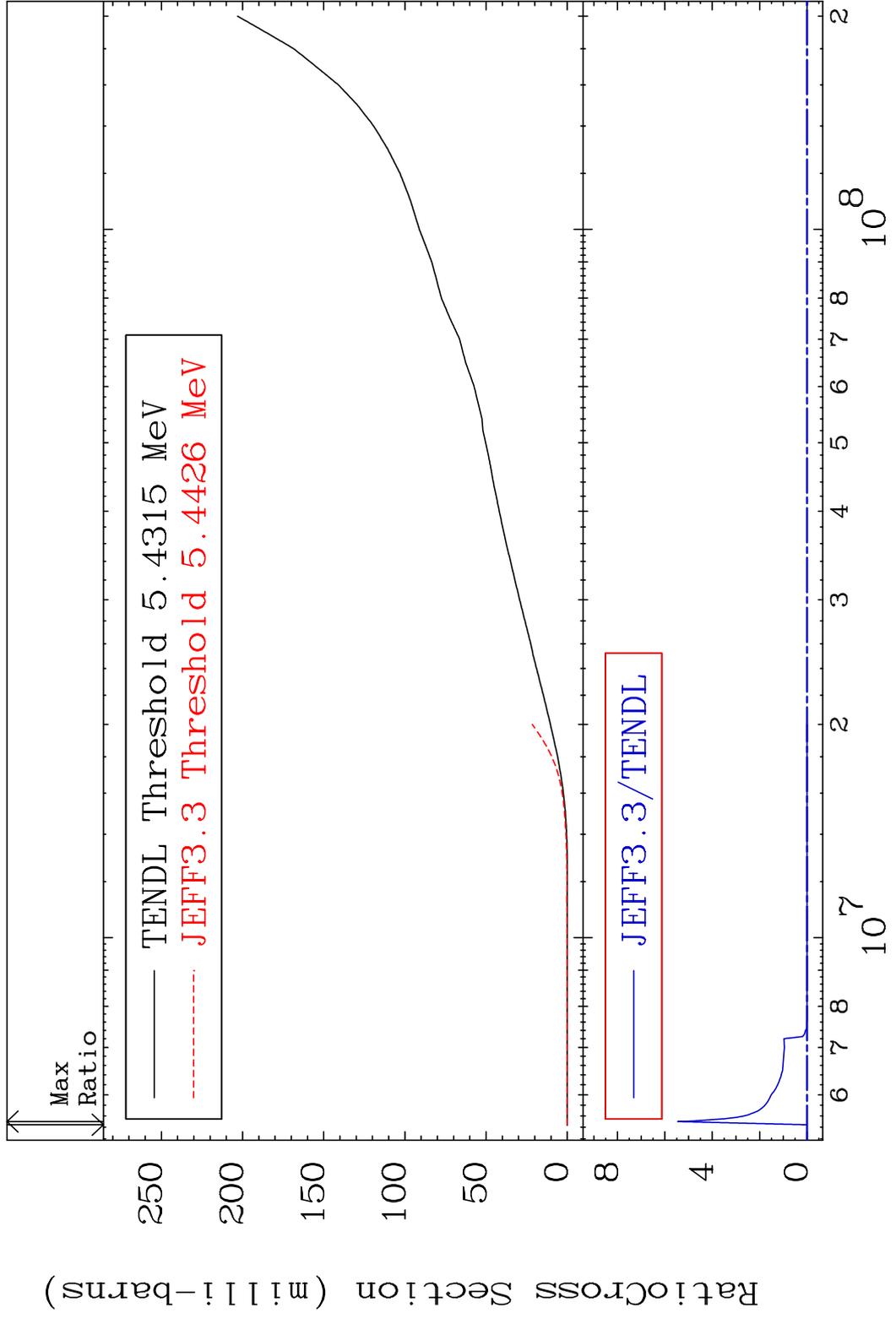
27

Incident Energy (eV)

64-Gd-155

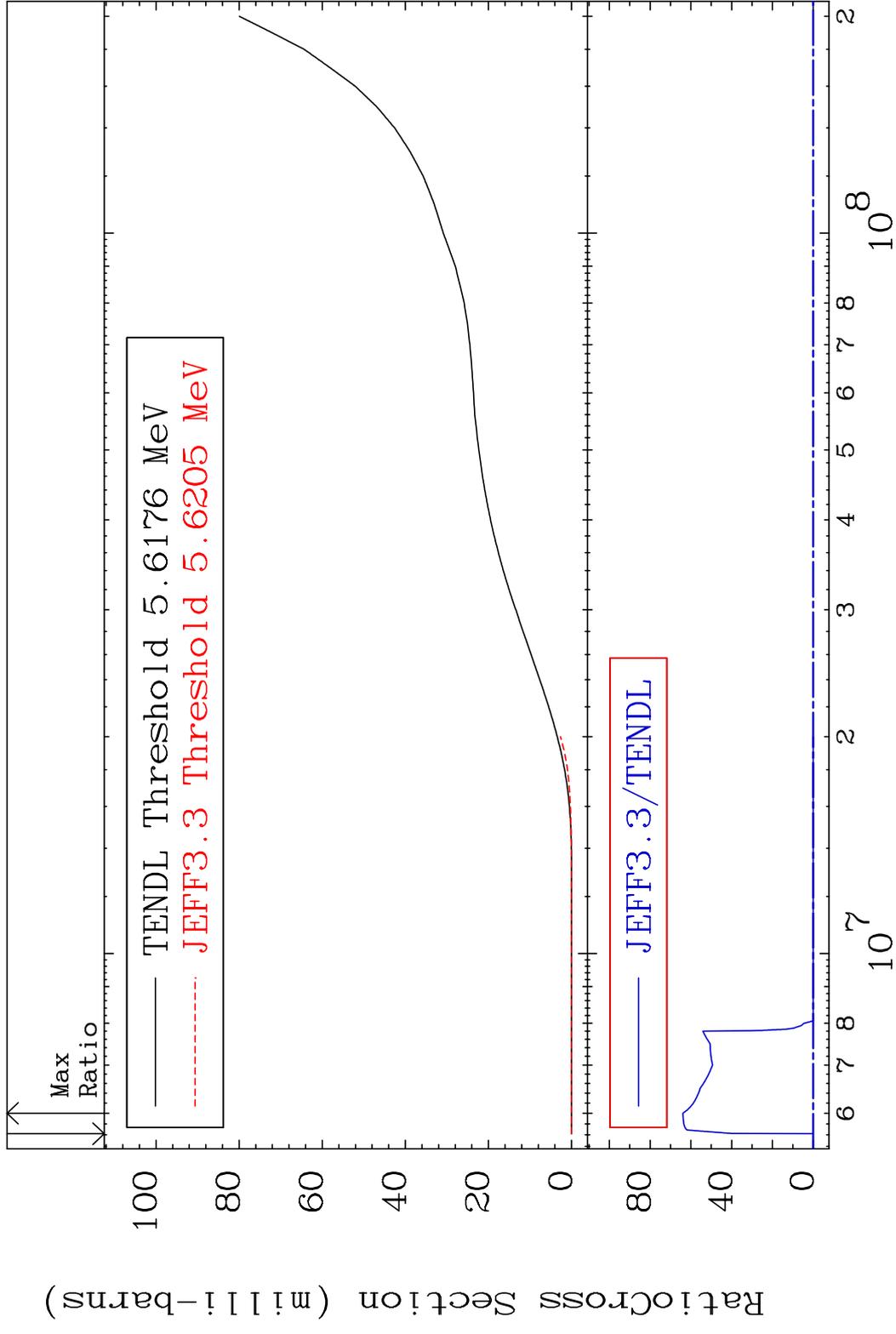


MAT 6434 Deuterium Production 64-Gd-155  
 Cross Section -100.0 To 9999. %



29 Incident Energy (eV) 64-Gd-155

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



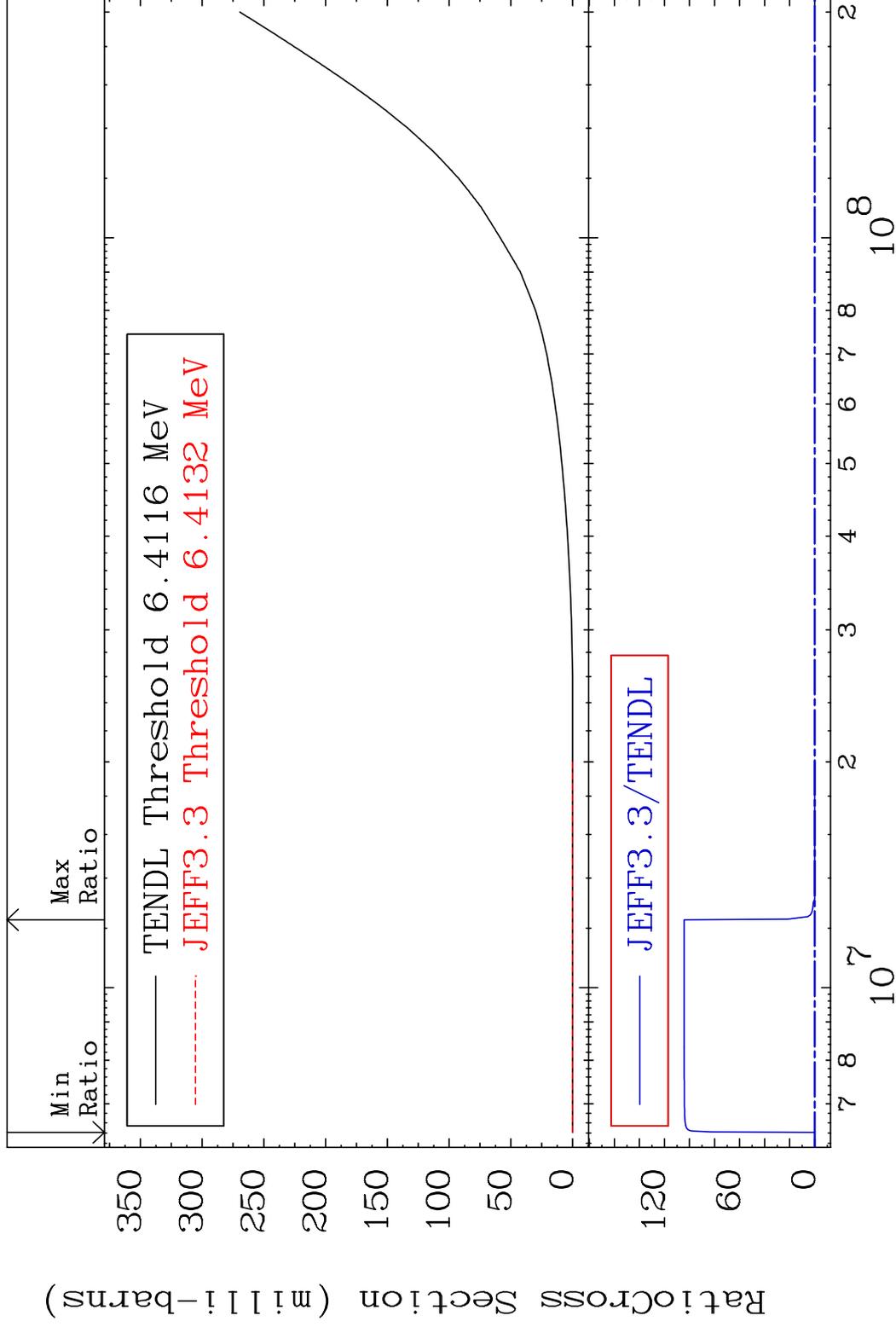
30 Incident Energy (eV) 64-Gd-155

MAT 6434

He-3 Production

64-Gd-155

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

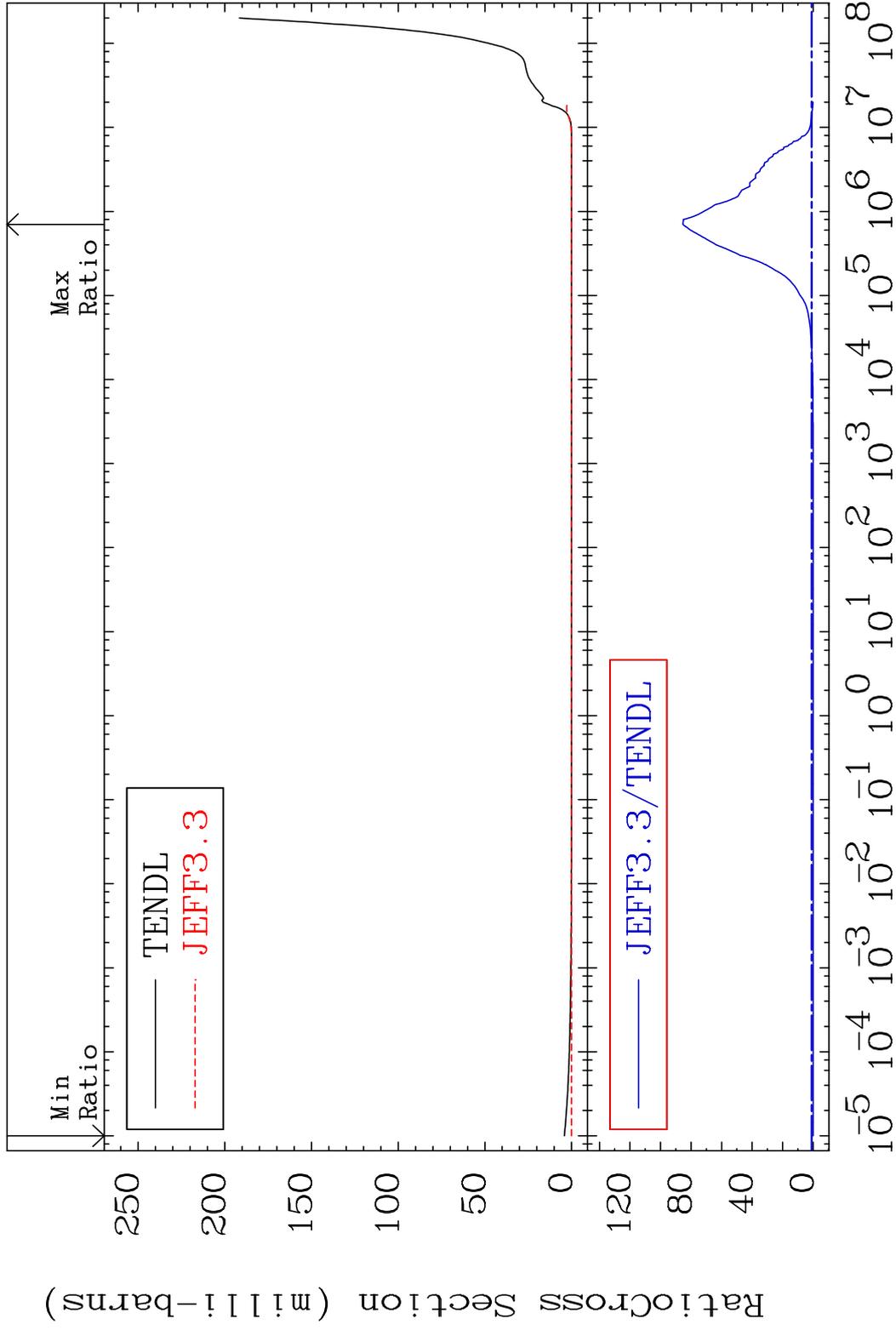
64-Gd-155

MAT 6434

He-4 Production

64-Gd-155

Cross Section -100.0 To 8438. %

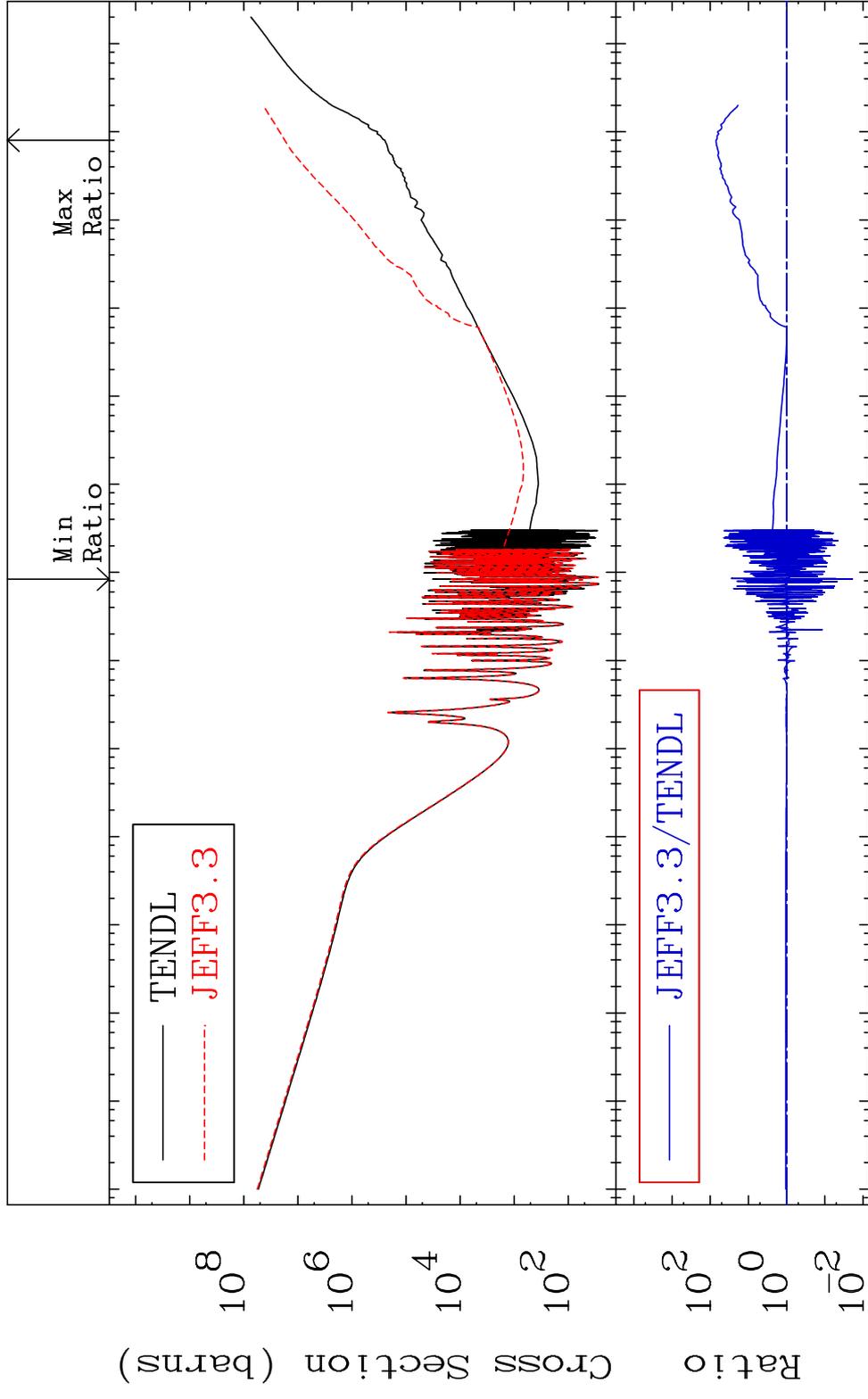


32

Incident Energy (eV)

64-Gd-155

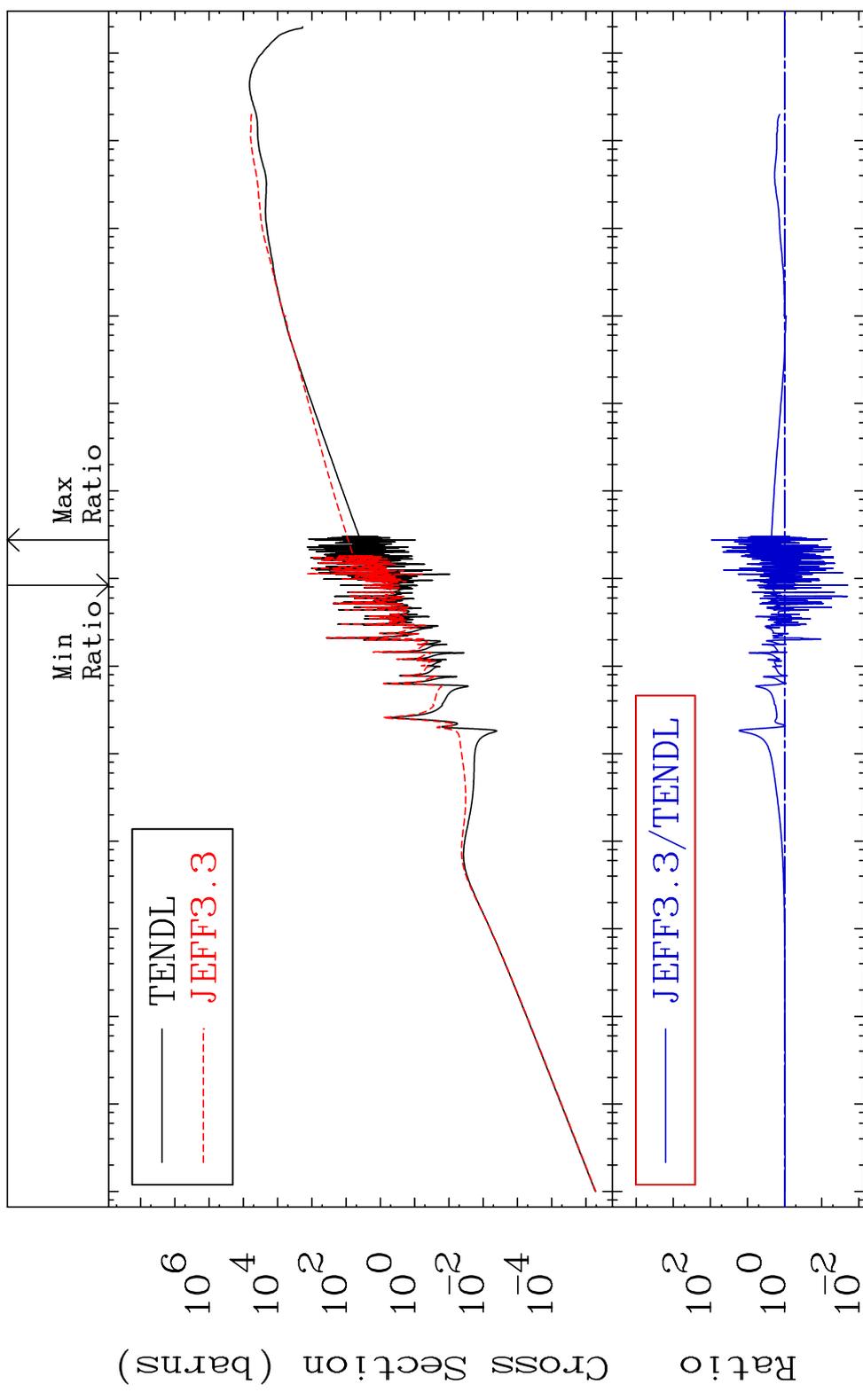
MAT 6434 Kerma total (eV-barns) 64-Gd-155  
 Cross Section -98.12 To 7021. %



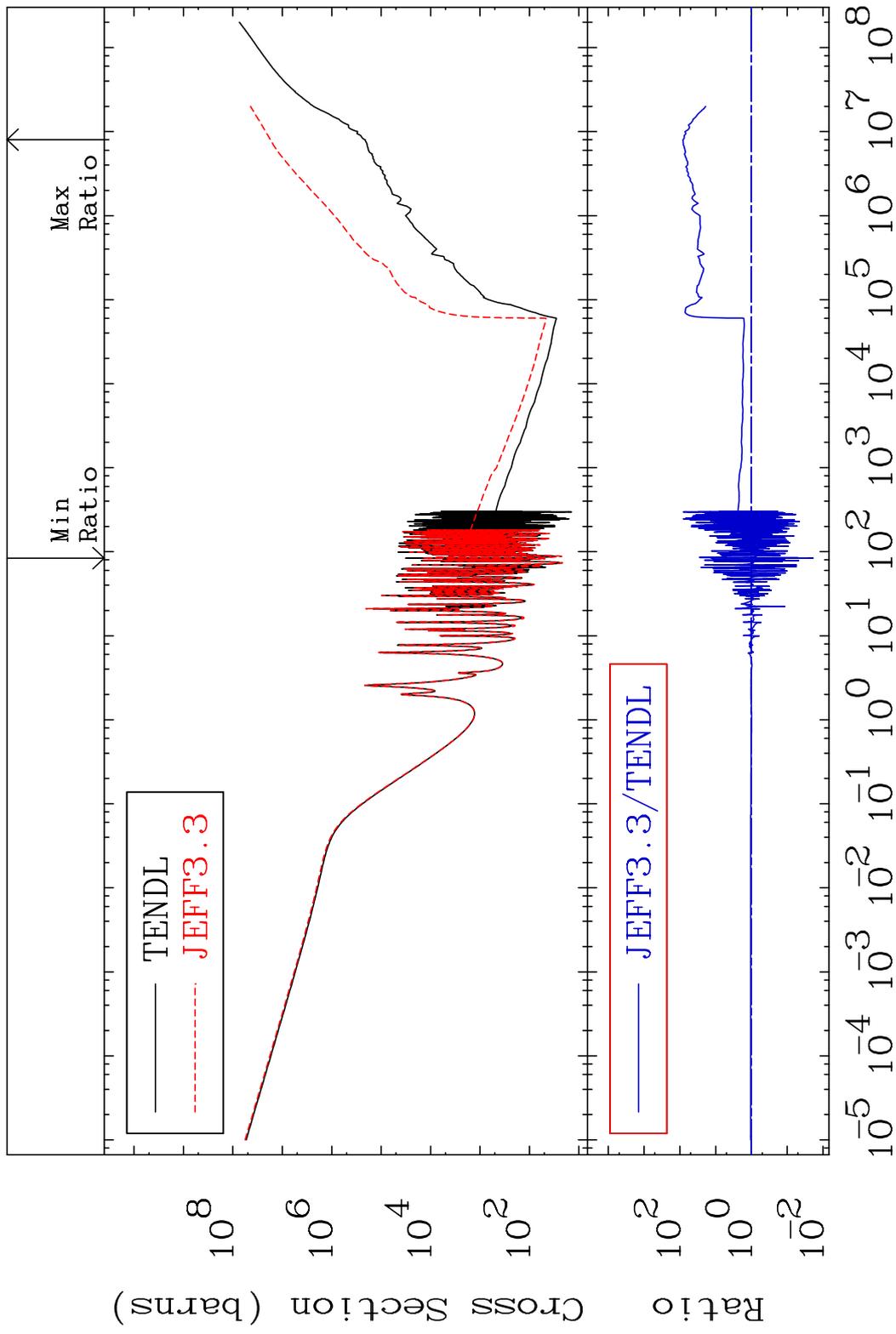
MAT 6434

Kerma elastic Cross Section -98.00 To 9049. %

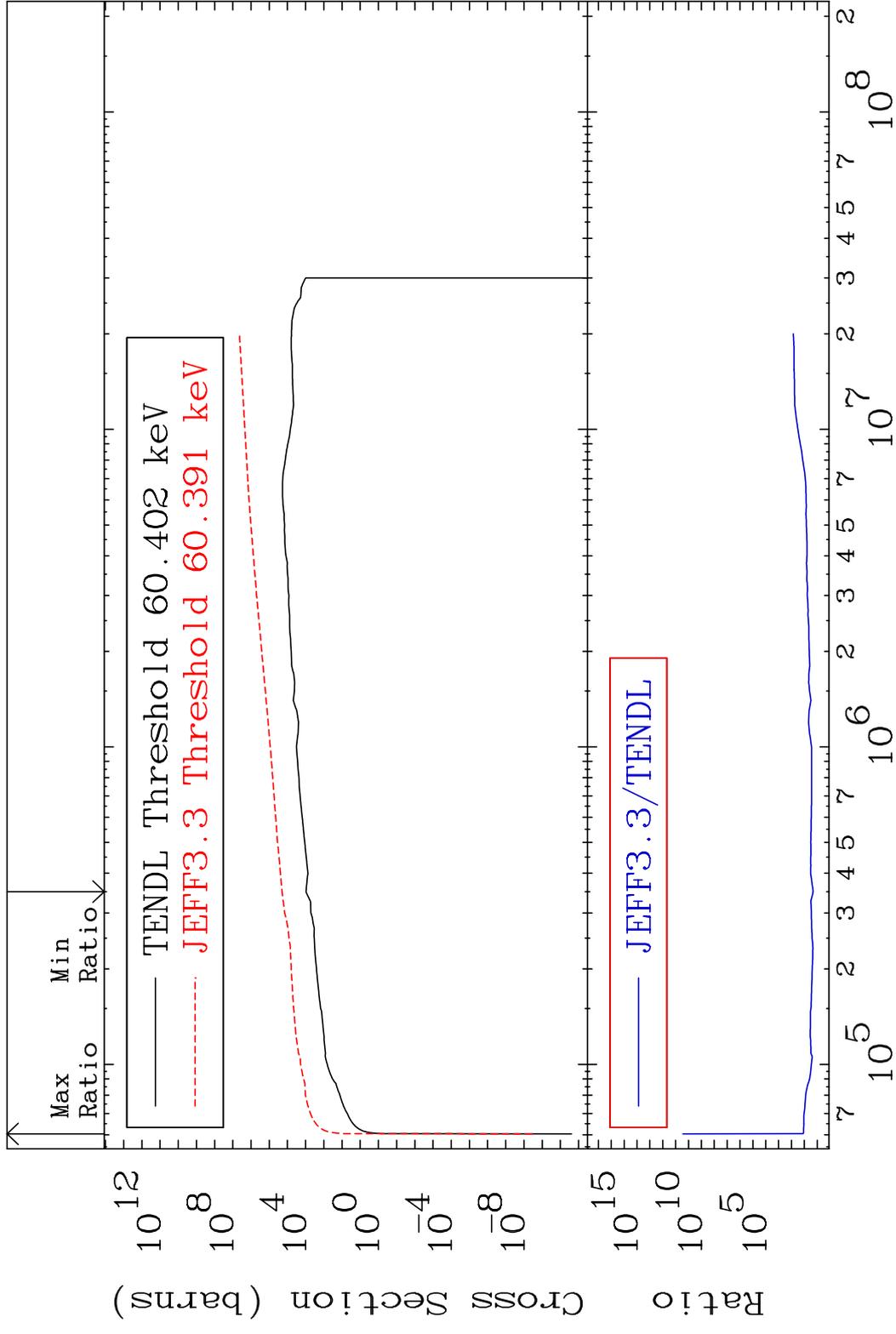
64-Gd-155



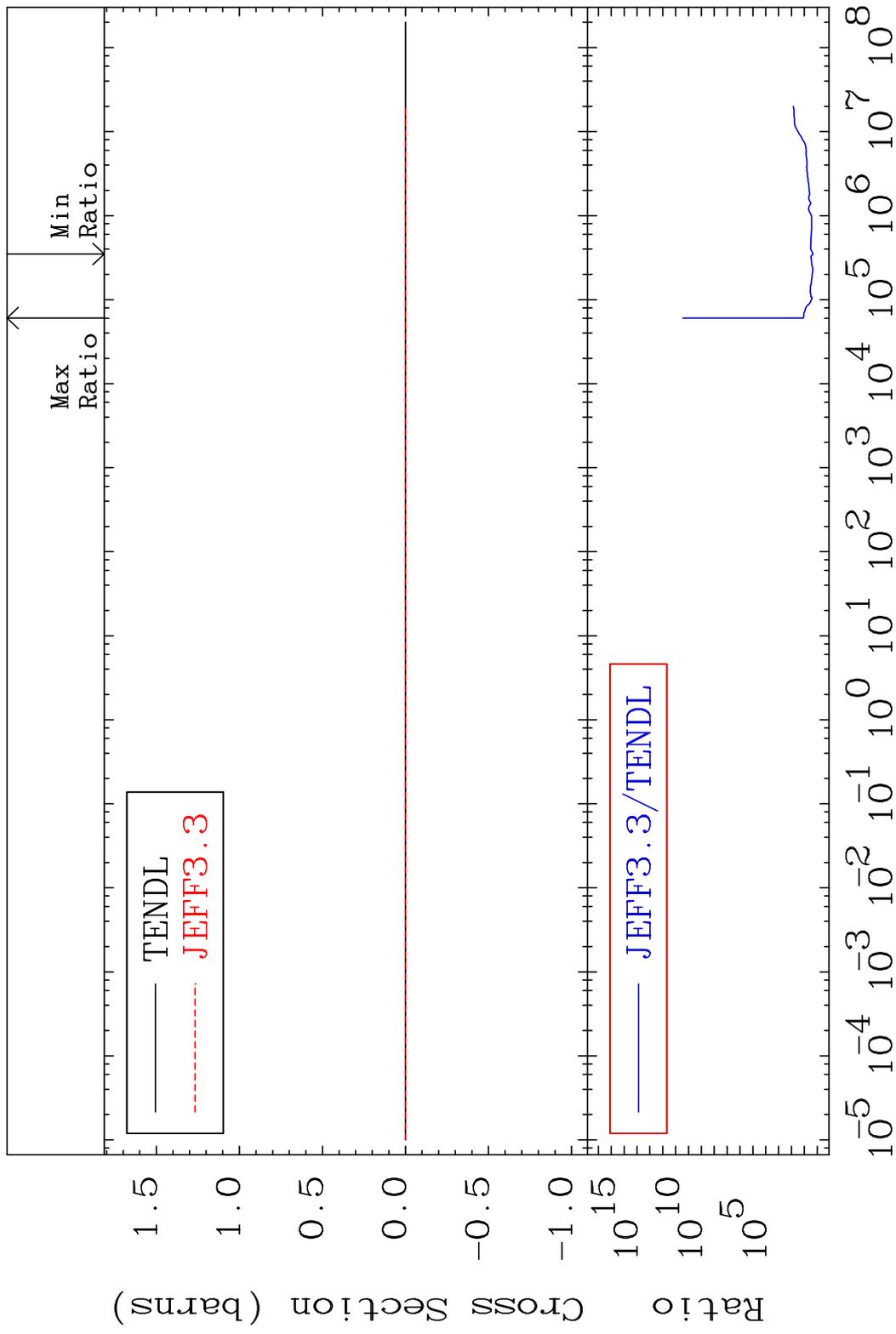
MAT 6434 Kerma non-elastic (all but mt2) 64-Gd-155  
 Cross Section -98.12 To 8162. %



MAT 6434 Kerma inelastic (mt51-91) 64-Gd-155  
 Cross Section 1964. To 9999. %



MAT 6434 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-155  
 Cross Section 1964. To 9999. %

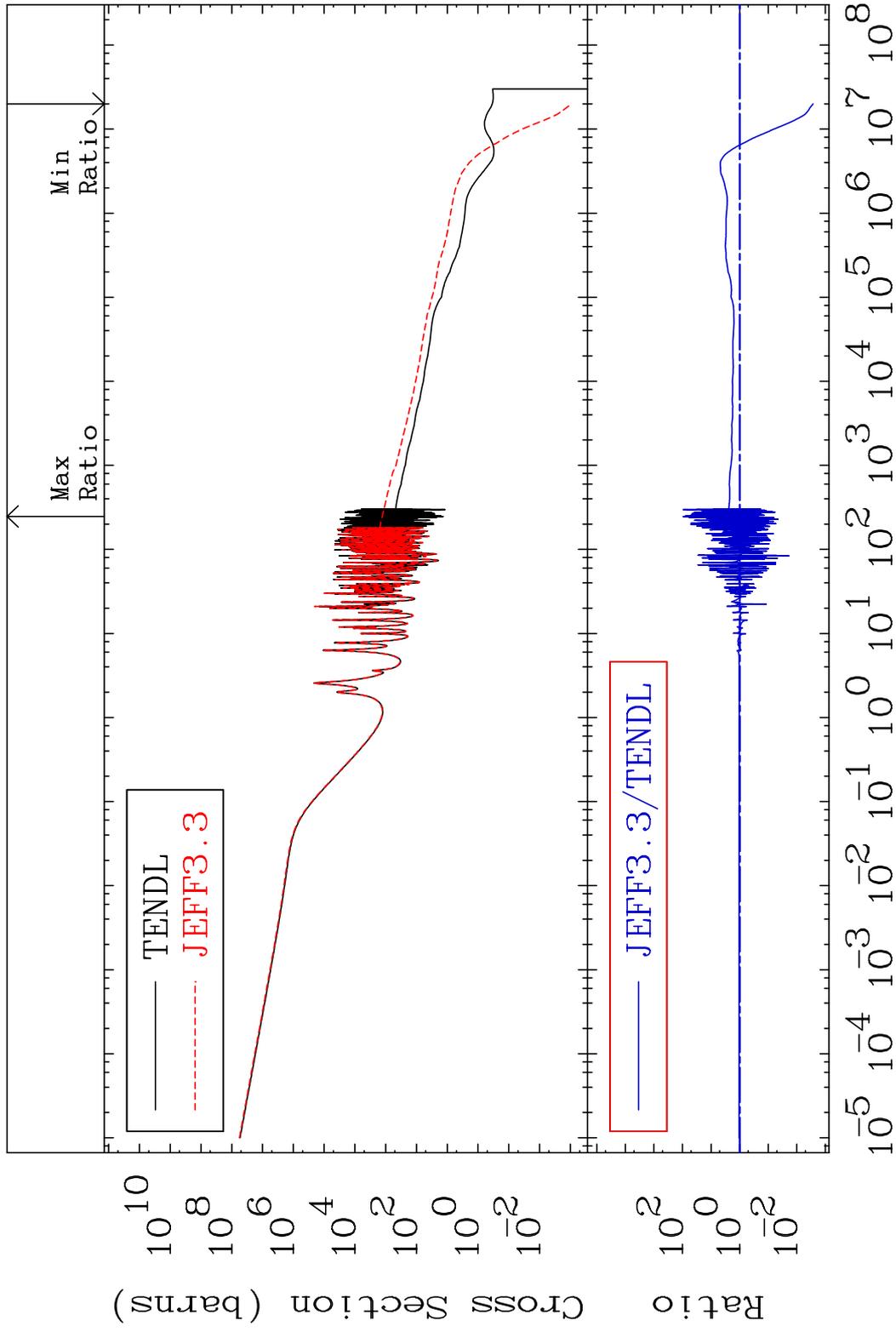


MAT 6434

Kerma capture (mt102)

64-Gd-155

Cross Section -99.73 To 9640. %

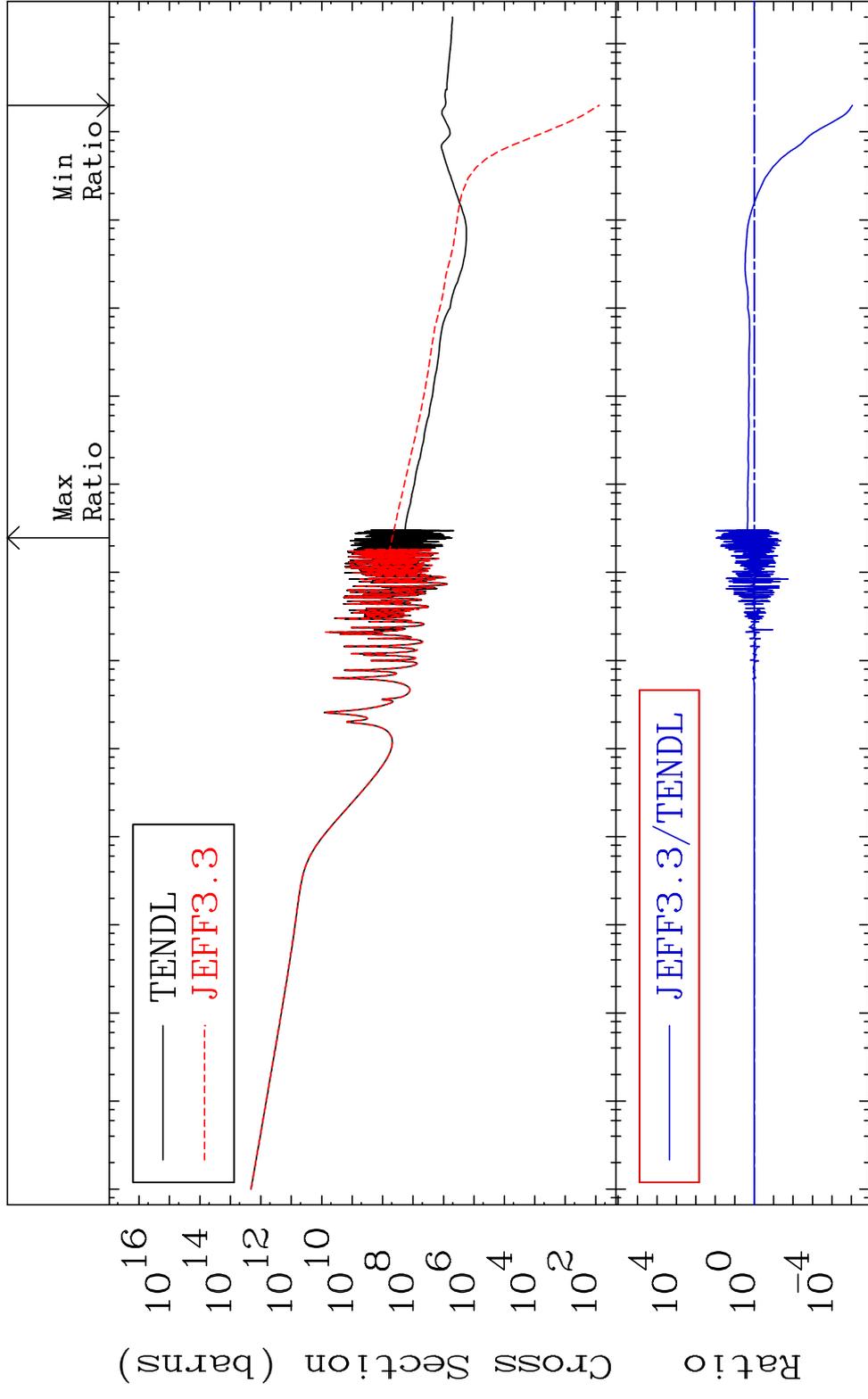


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Incident Energy (eV)

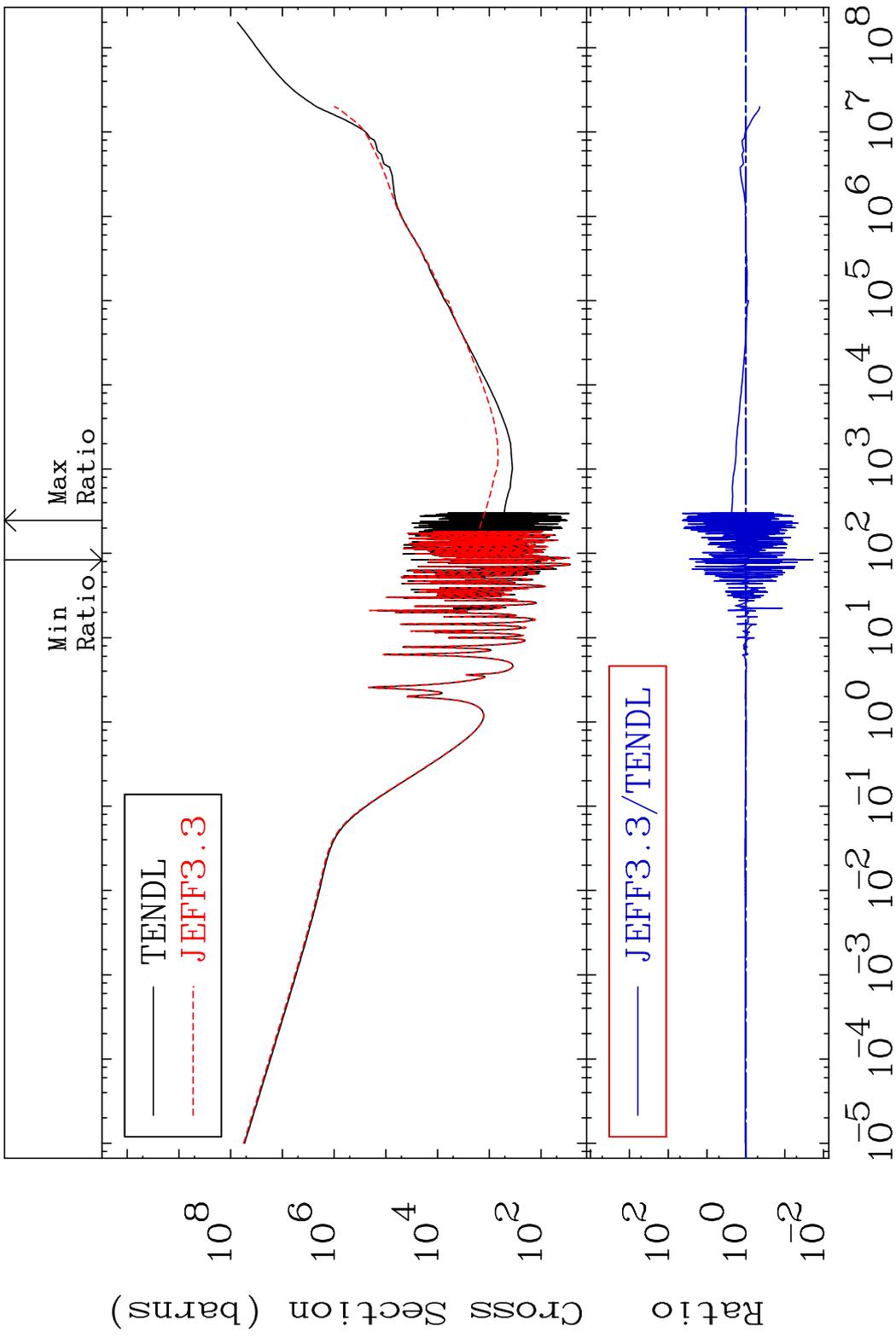
64-Gd-155

MAT 6434 Total photon (eV-barns) 64-Gd-155  
 Cross Section -100.0 To 9242. %



39 Incident Energy (eV) 64-Gd-155

MAT 6434 Total kinematic kerma (high limit) 64-Gd-155  
Cross Section -98.12 To 4264. %

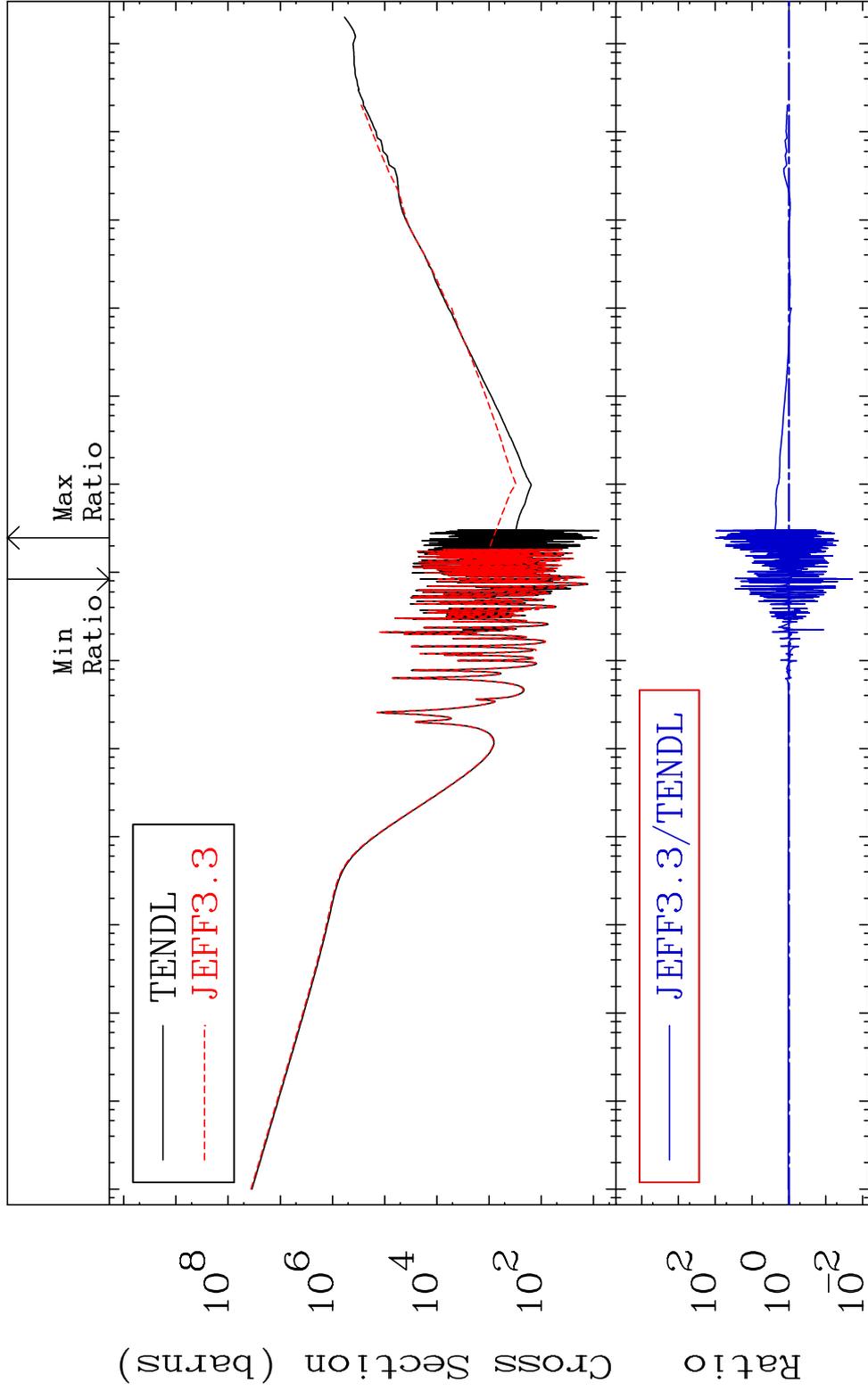


MAT 6434

Dpa total (eV-barns)

64-Gd-155

Cross Section -98.13 To 9520. %

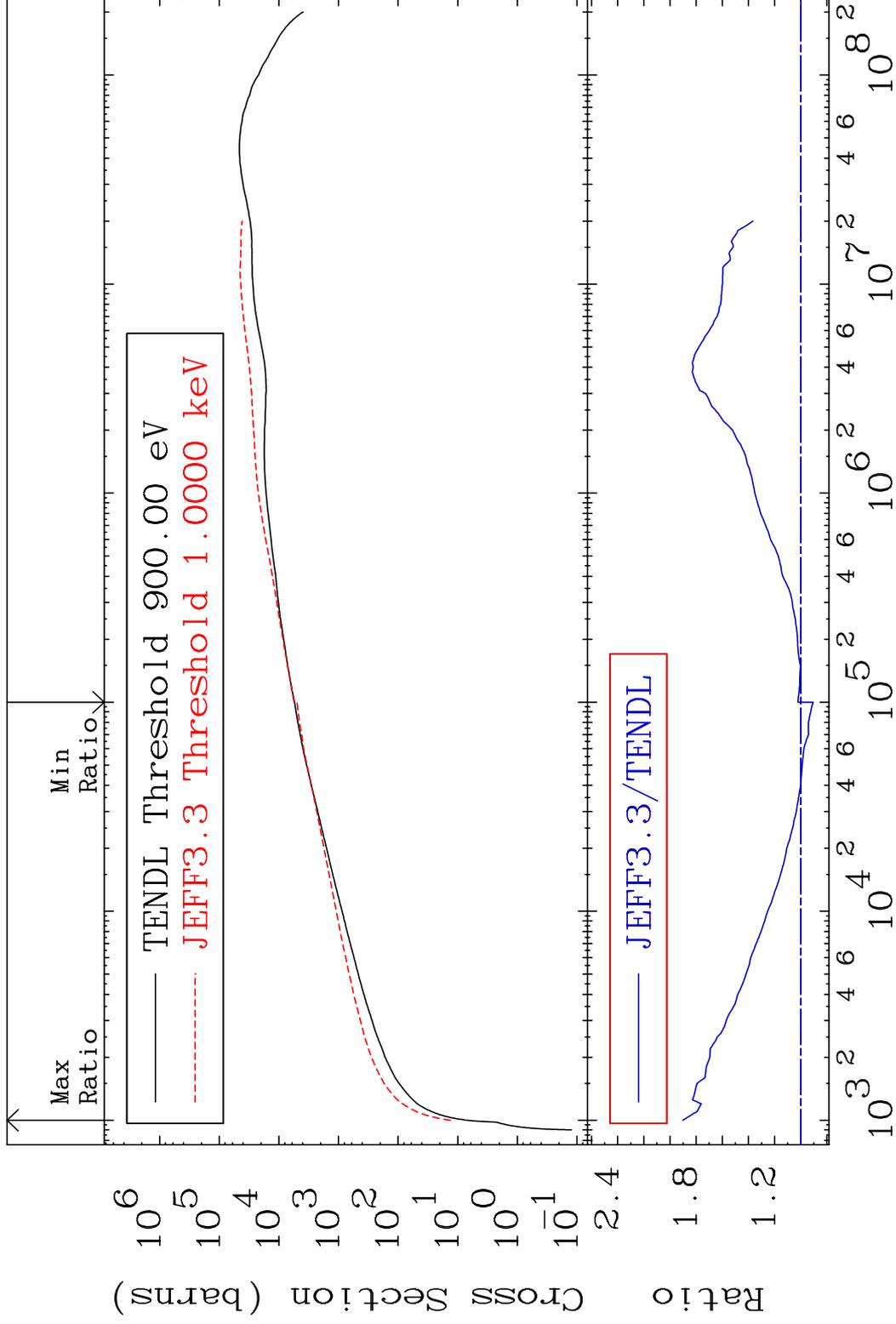


MAT 6434

Dpa elastic (mt2)

64-Gd-155

Cross Section -9.472 To 90.18 %

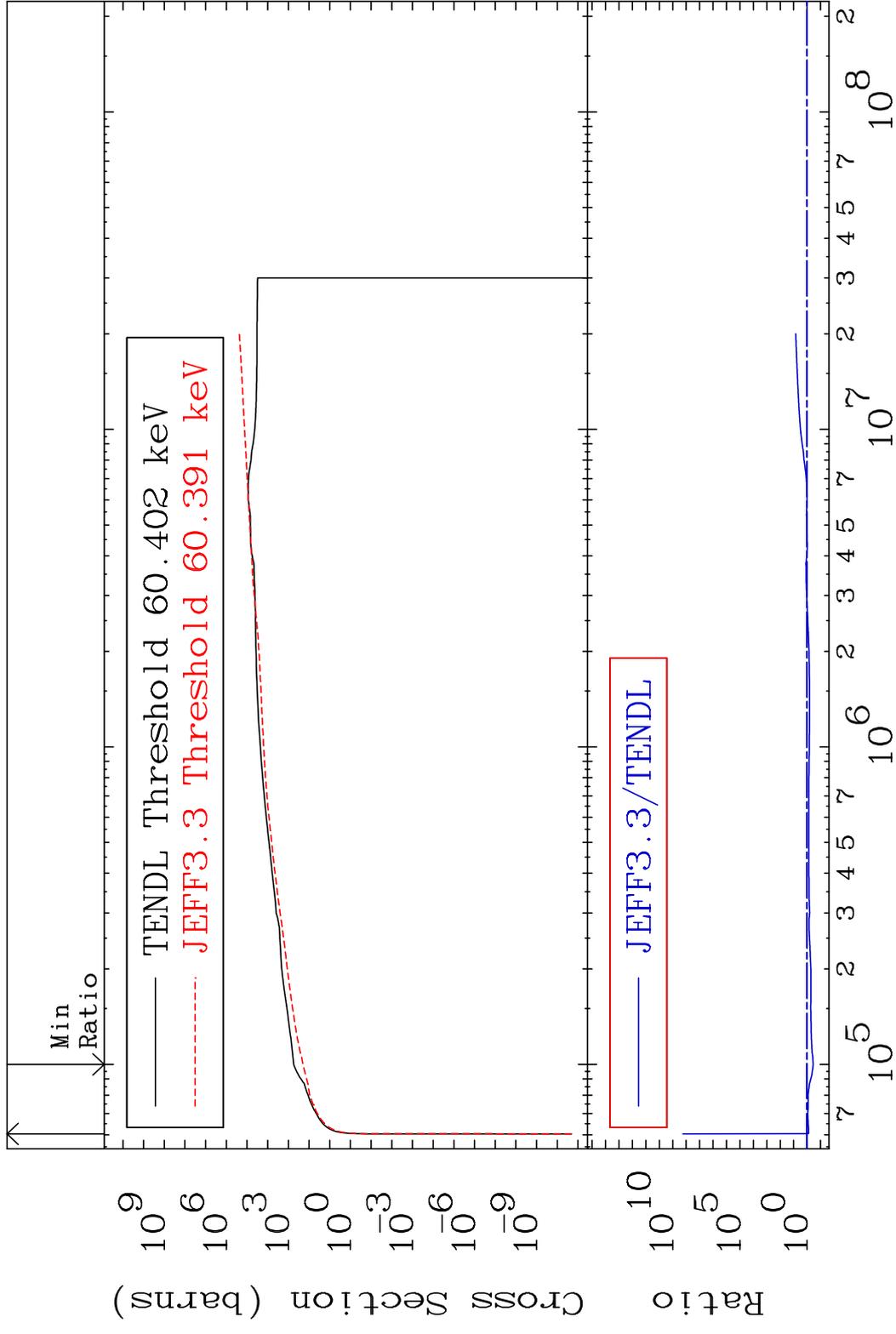


42

Incident Energy (eV)

64-Gd-155

MAT 6434 Dpa inelastic (mt51-91) 64-Gd-155  
 Cross Section -64.42 To 9999. %



MAT 6434 Dpa disappearance (mt102 -120) 64-Gd-155  
 Cross Section -98.13 To 9520. %

