

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

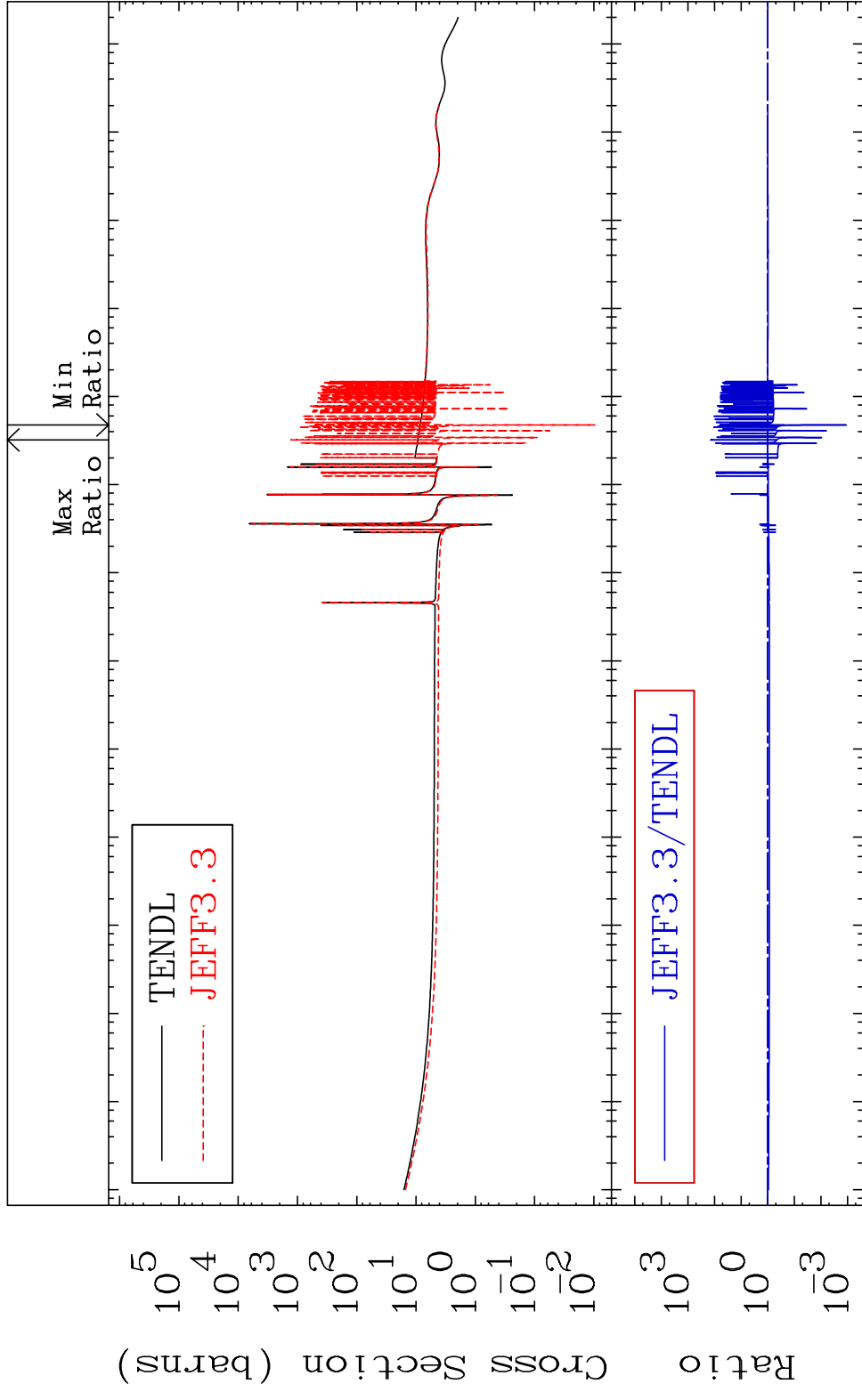
MAT 5043

Total

50-Sn-118

Cross Section

-99.89 To 9999. %

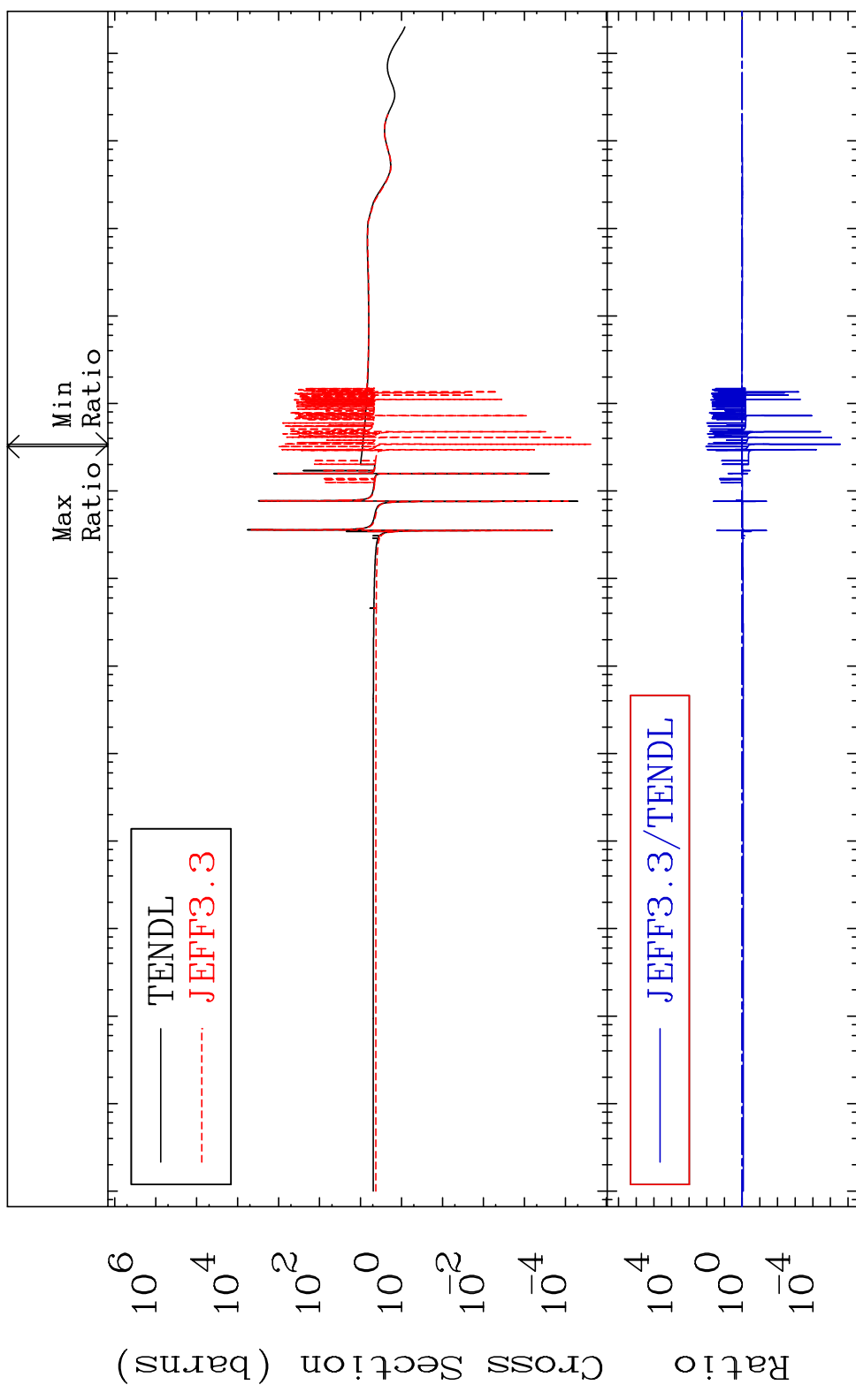


$10^5$   
 $10^4$   
 $10^3$   
 $10^2$   
 $10^1$   
 $10^0$   
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
Ratio

$10^{-5}$   $10^{-4}$   $10^{-3}$   $10^{-2}$   $10^{-1}$   $10^0$   $10^1$   $10^2$   $10^3$   $10^4$   $10^5$   $10^6$   $10^7$   $10^8$   
Incident Energy (eV)

MAT 5043

Elastic Cross Section -100.0 To 9999. %  
50-Sn-118

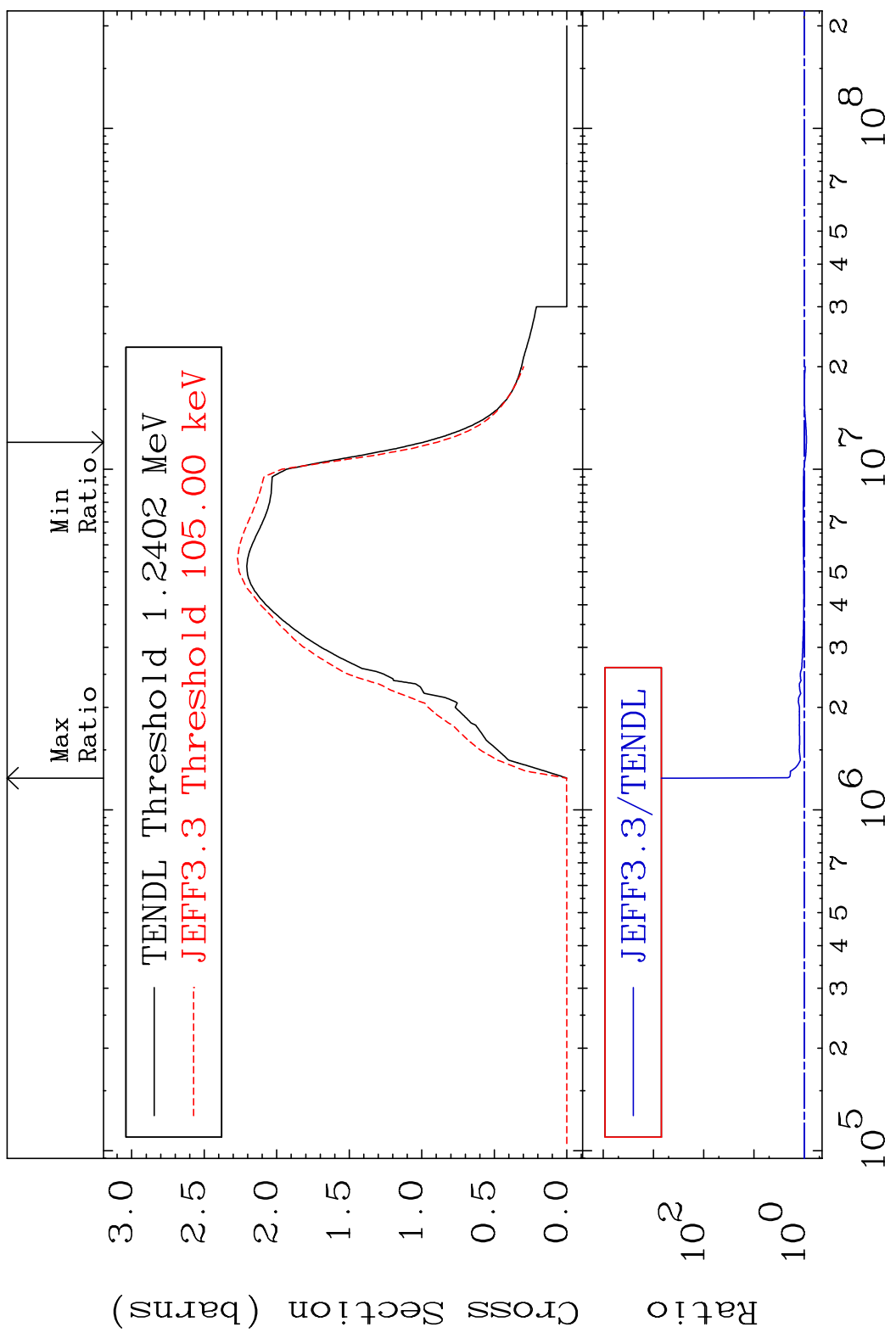


MAT 5043

Inelastic

50-Sn-118

Cross Section -9.572 To 9999. %



50-Sn-118

Incident Energy (eV)

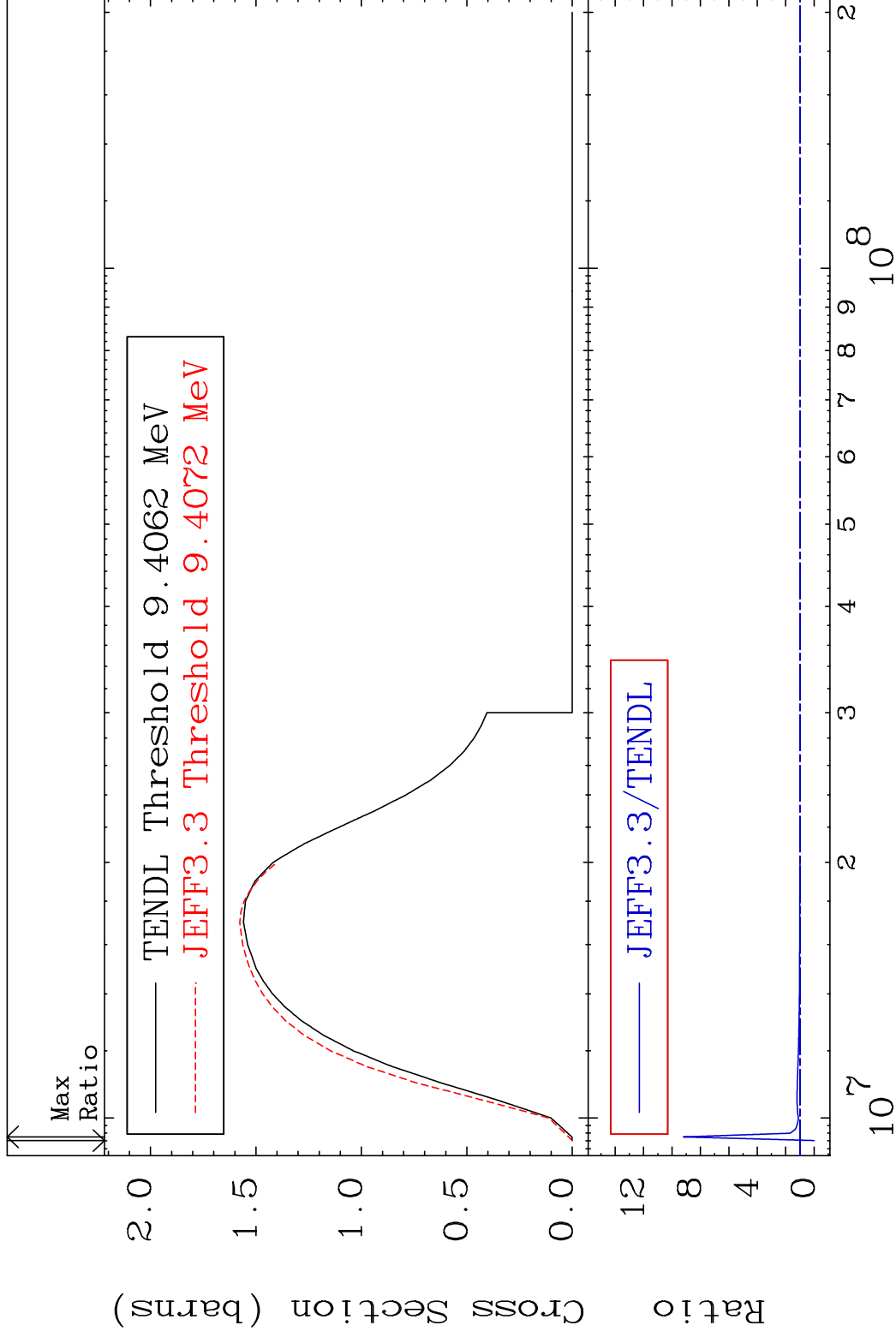
3

MAT 5043

(n,2n)

50-Sn-118

Cross Section -100.0 To 817.9 %



4

Incident Energy (eV)

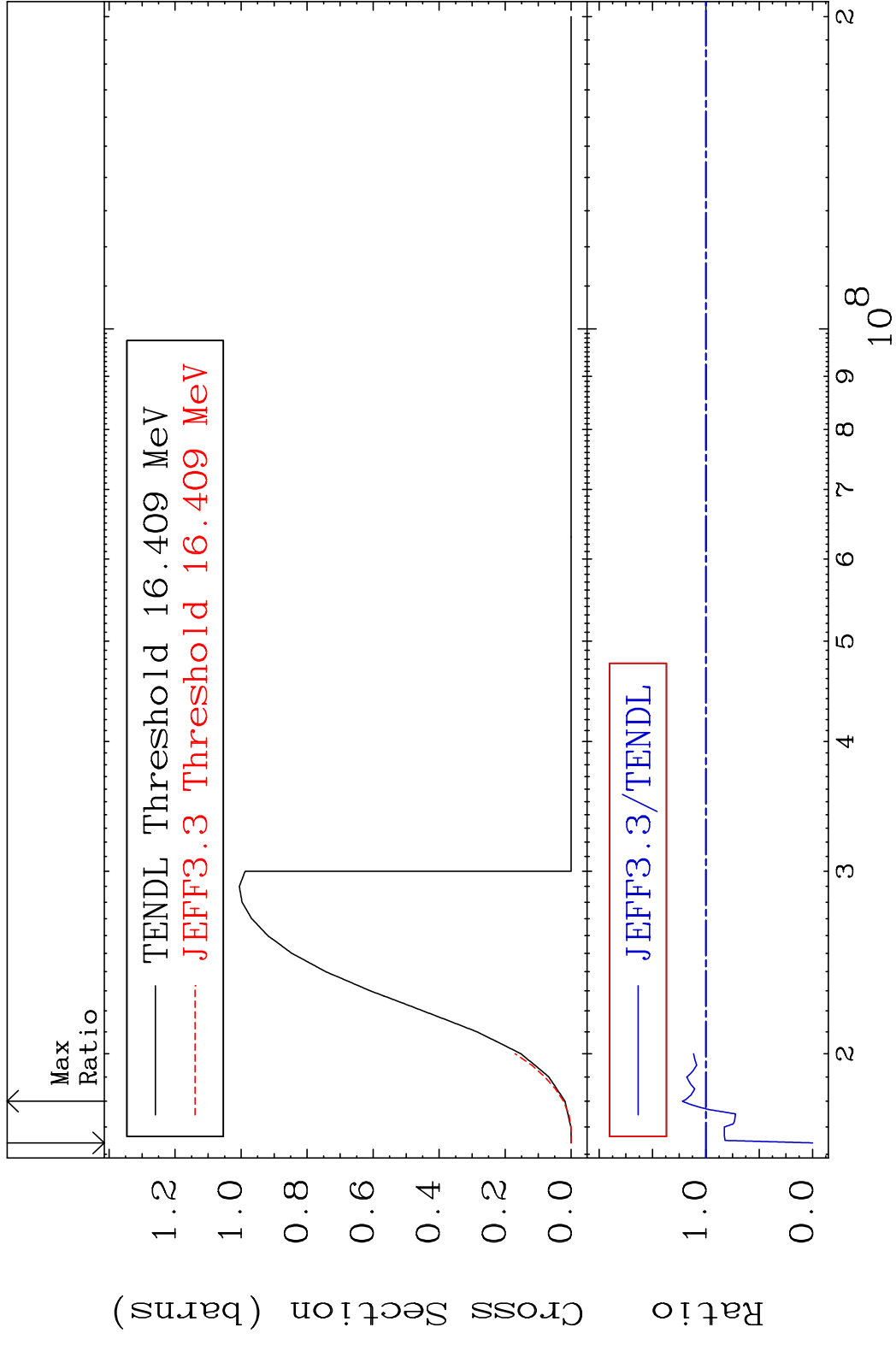
50-Sn-118

MAT 5043

(n,3n)

50-Sn-118

Cross Section -100.0 To 22.03 %

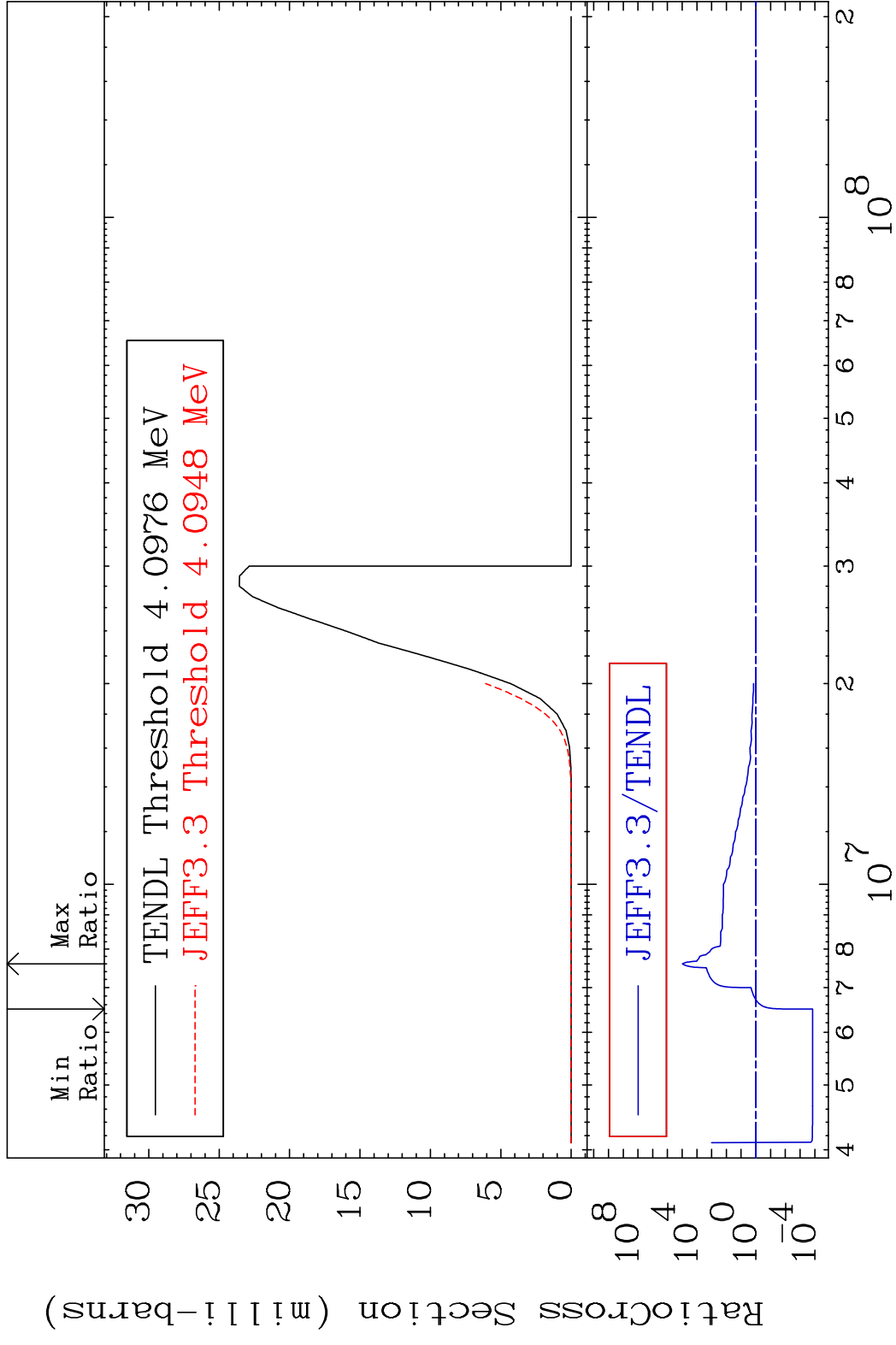


5

Incident Energy (eV)

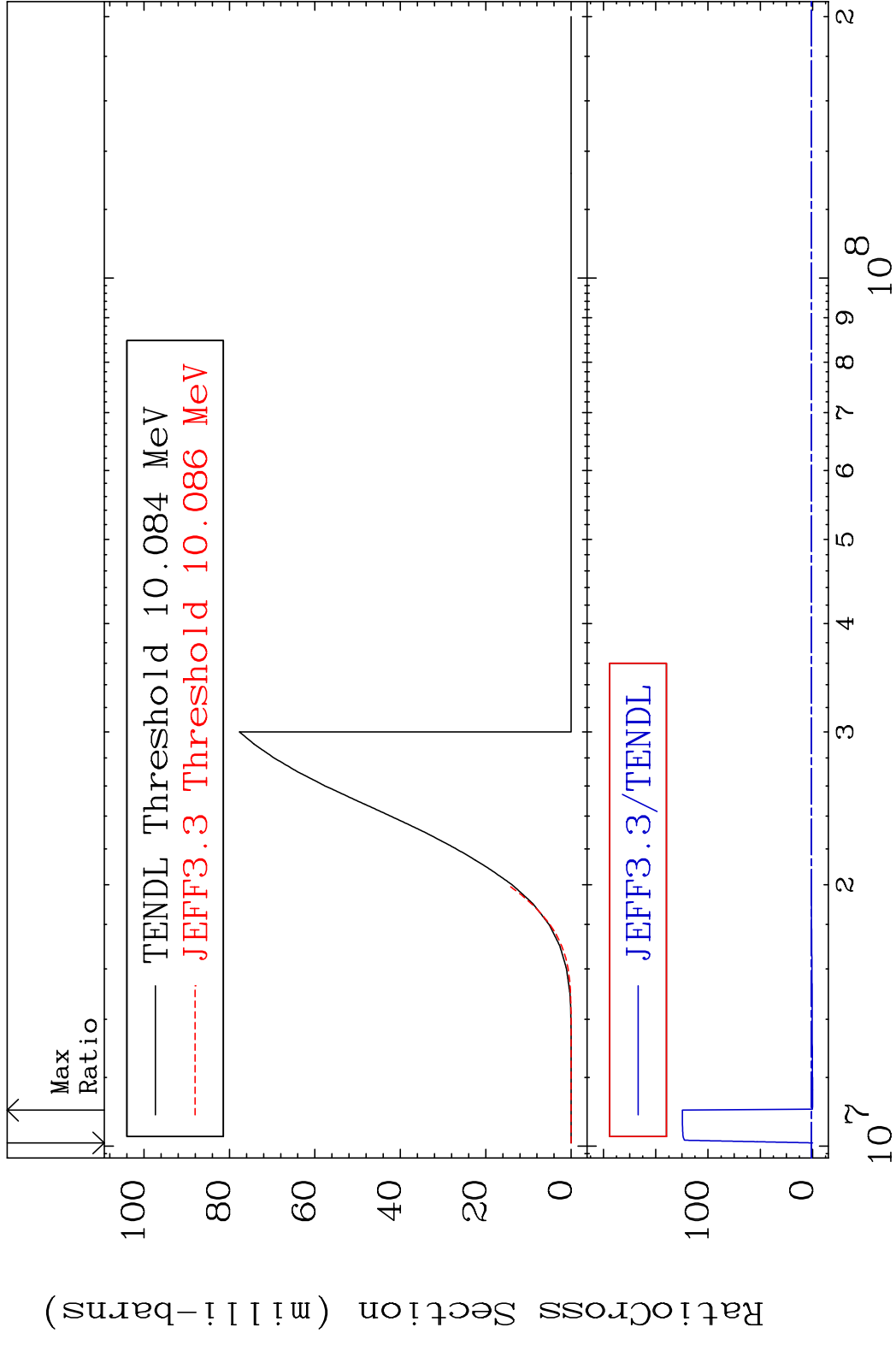
50-Sn-118

MAT 5043 (n, n')  $\alpha$  50-Sn-118  
 Cross Section -99.99 To 9999. %



MAT 5043

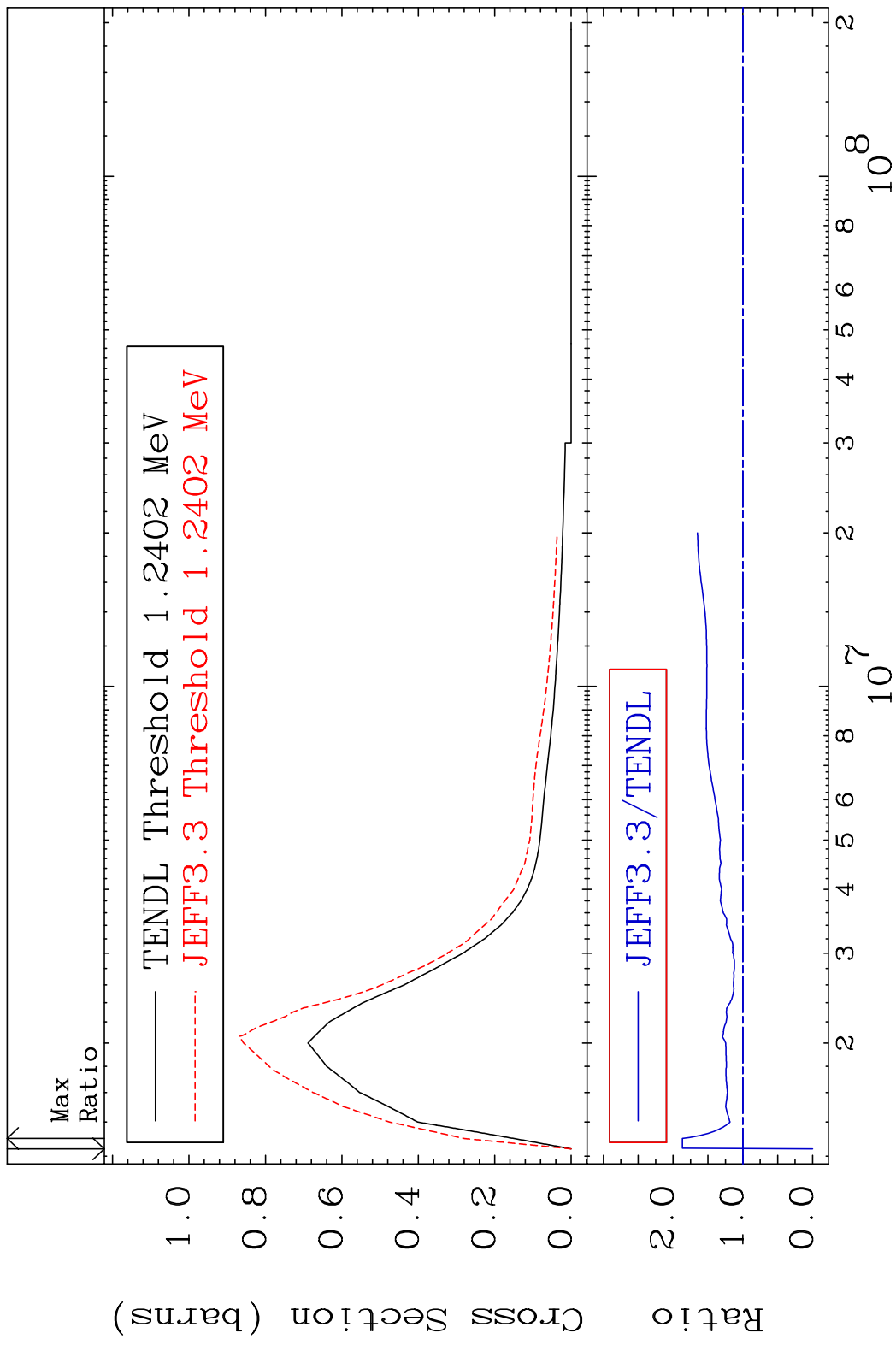
(n, n') p 50-Sn-118  
Cross Section -100.0 To 9999. %



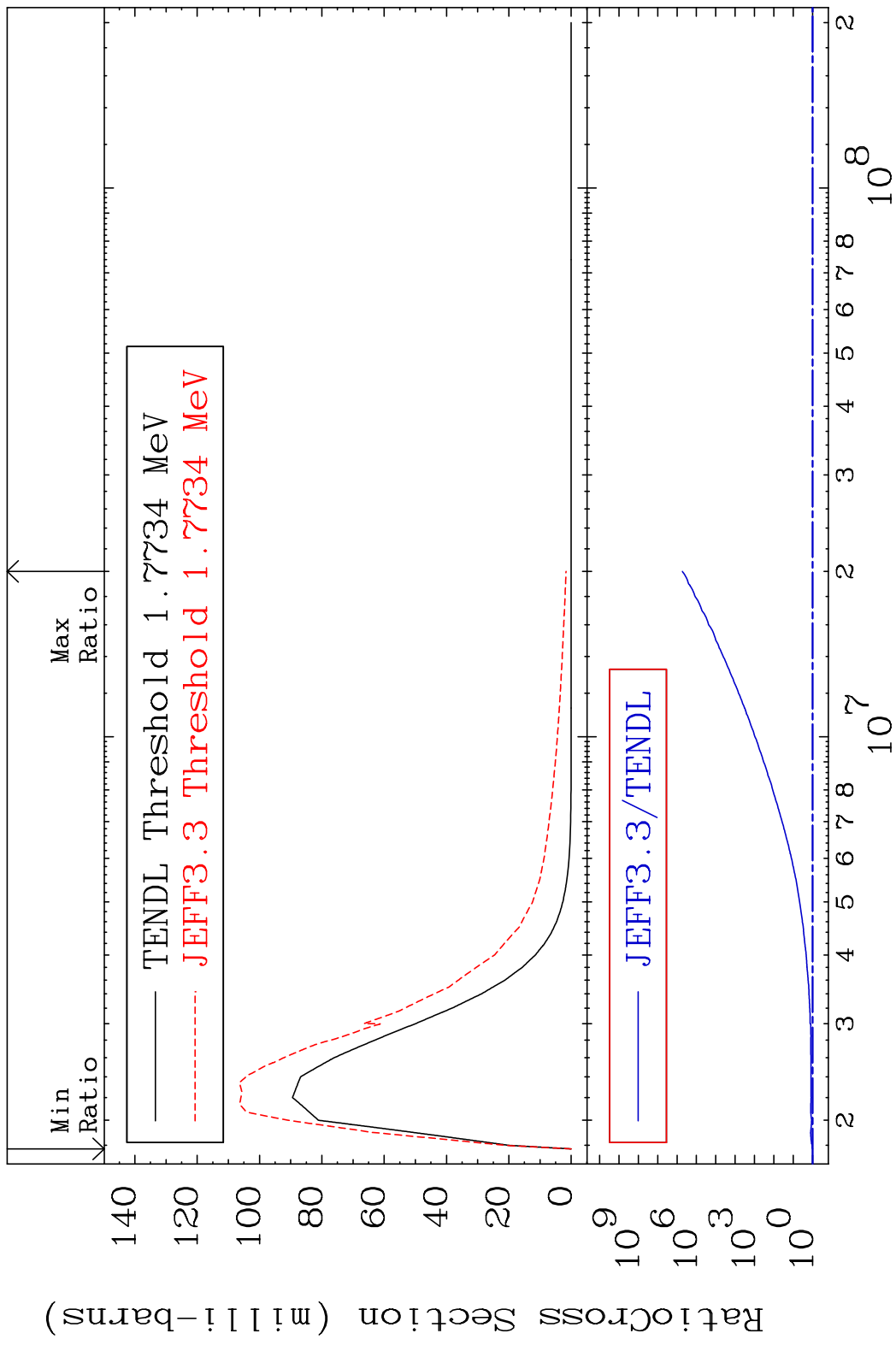
7 10 7 8 9 2 Incident Energy (eV) 50-Sn-118



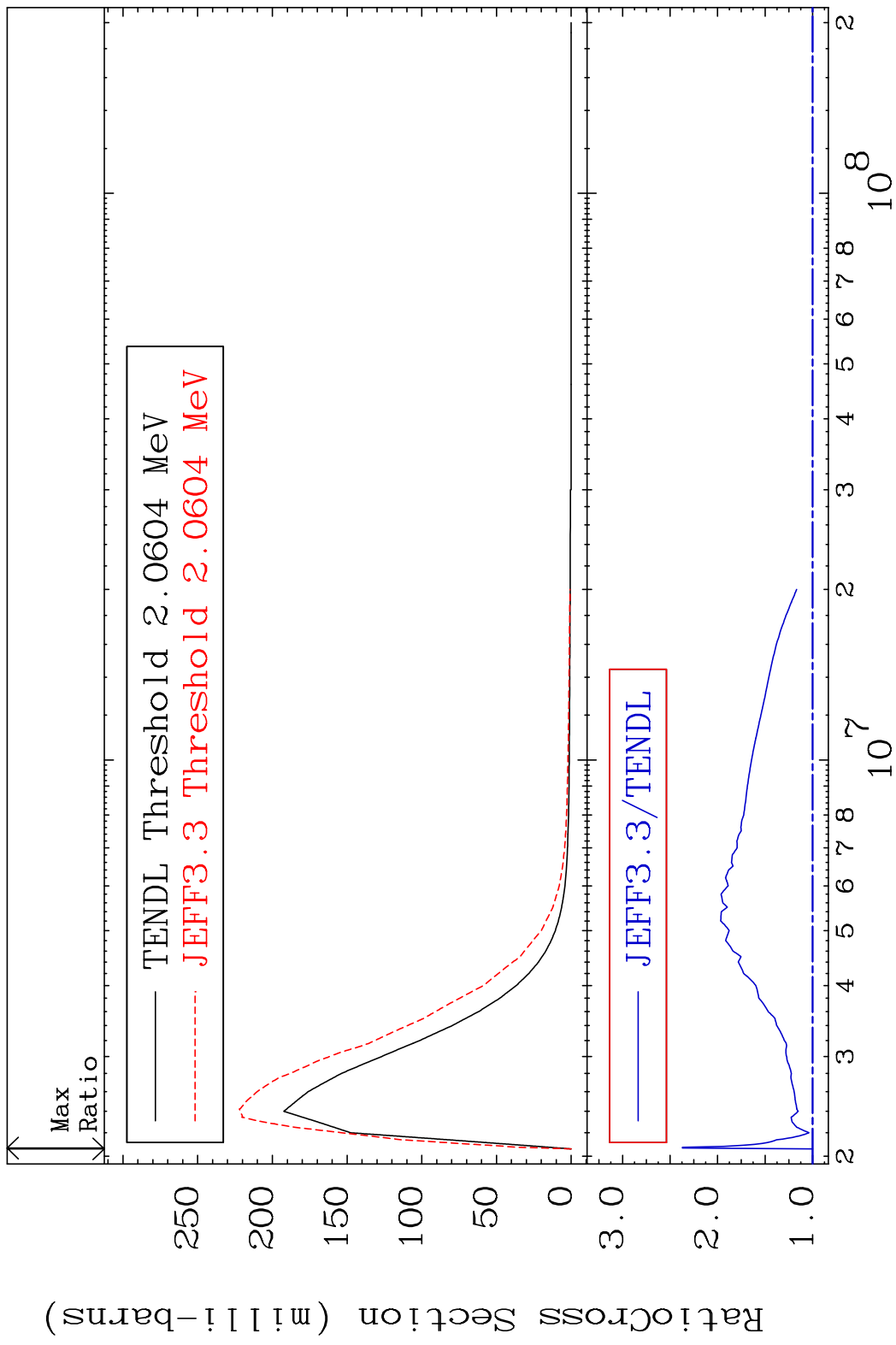
MAT 5043 MT= 51 (n, n') Level 50-Sn-118  
 Cross Section -100.0 To 86.74 %



MAT 5043 MT= 52 (n, n') Level 50-Sn-118  
 Cross Section 0.000 To 9999. %

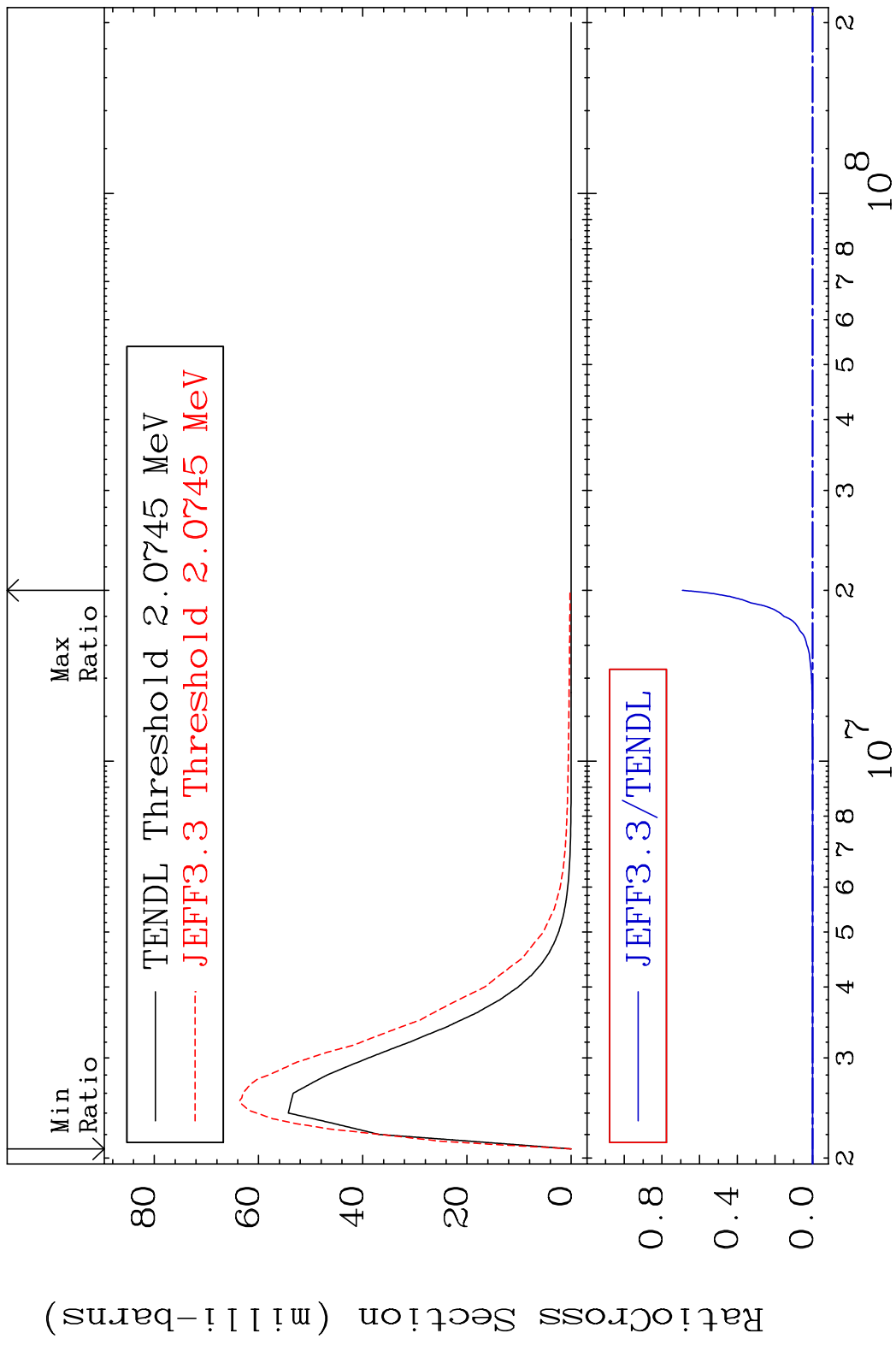


MAT 5043 MT= 53 (n, n') Level 50-Sn-118  
 Cross Section 0.000 To 137.1 %

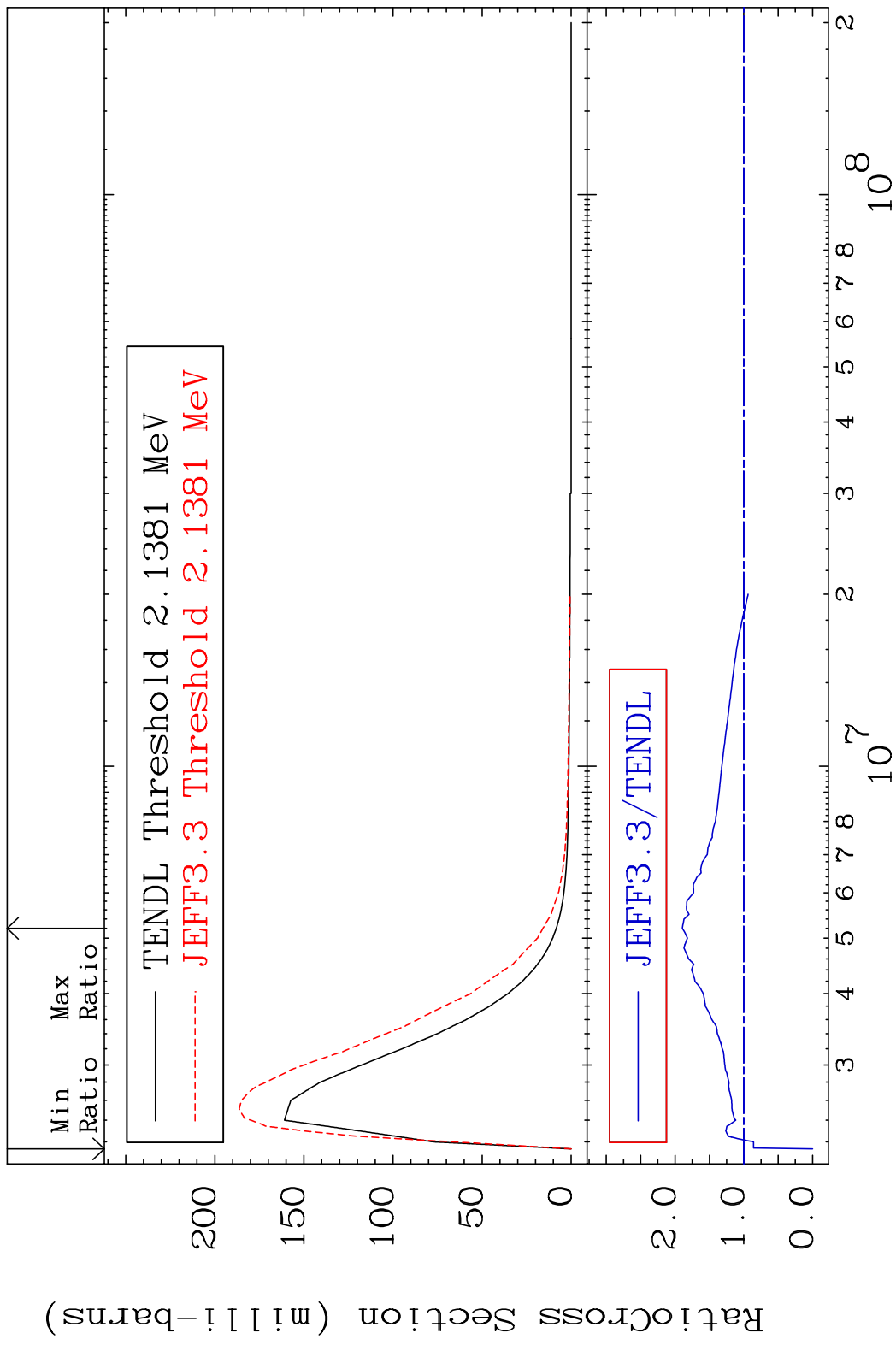


10 Incident Energy (eV) 50-Sn-118

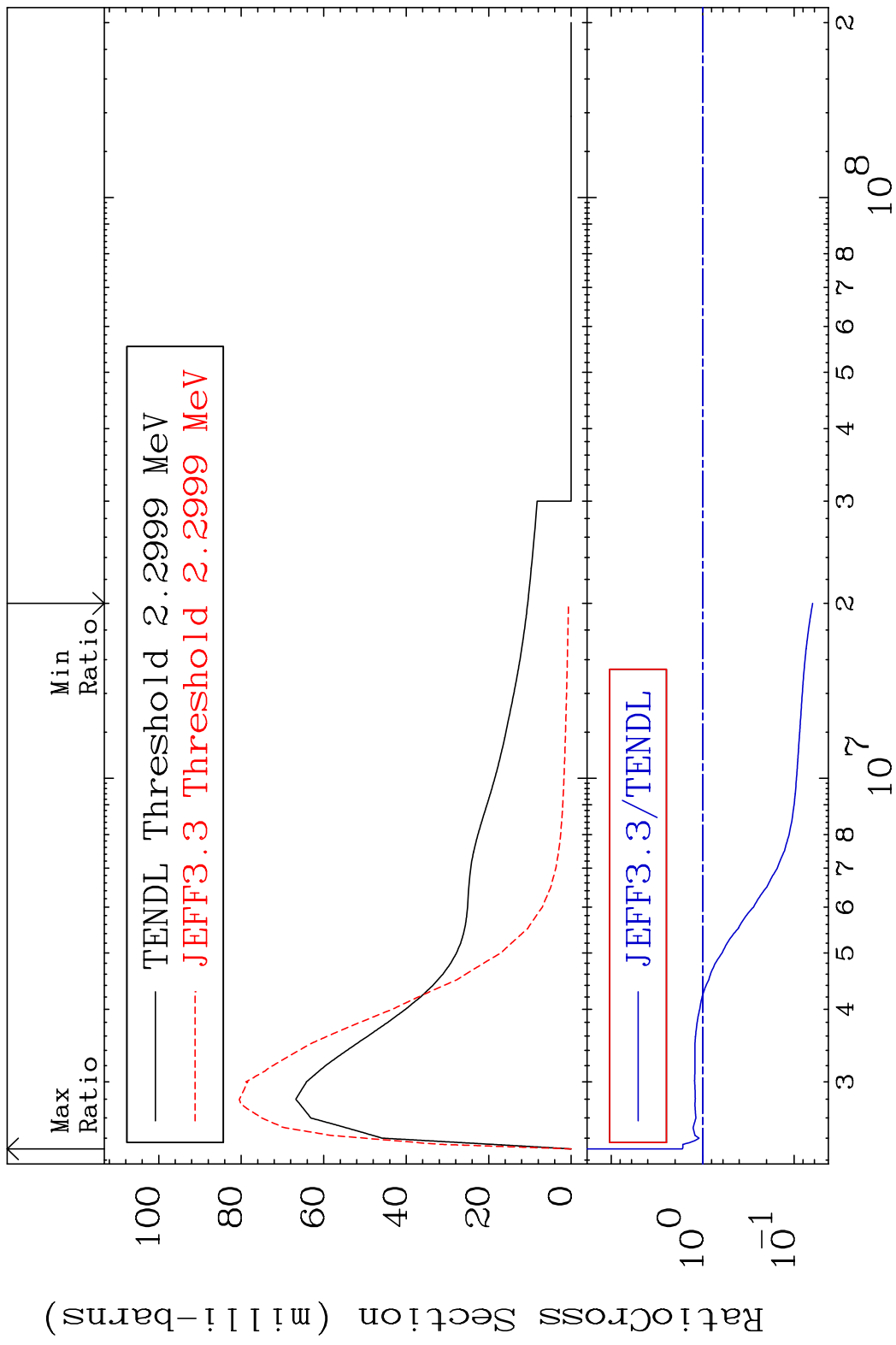
MAT 5043 MT= 54 (n, n') Level 50-Sn-118  
 Cross Section -100.0 To 9999. %



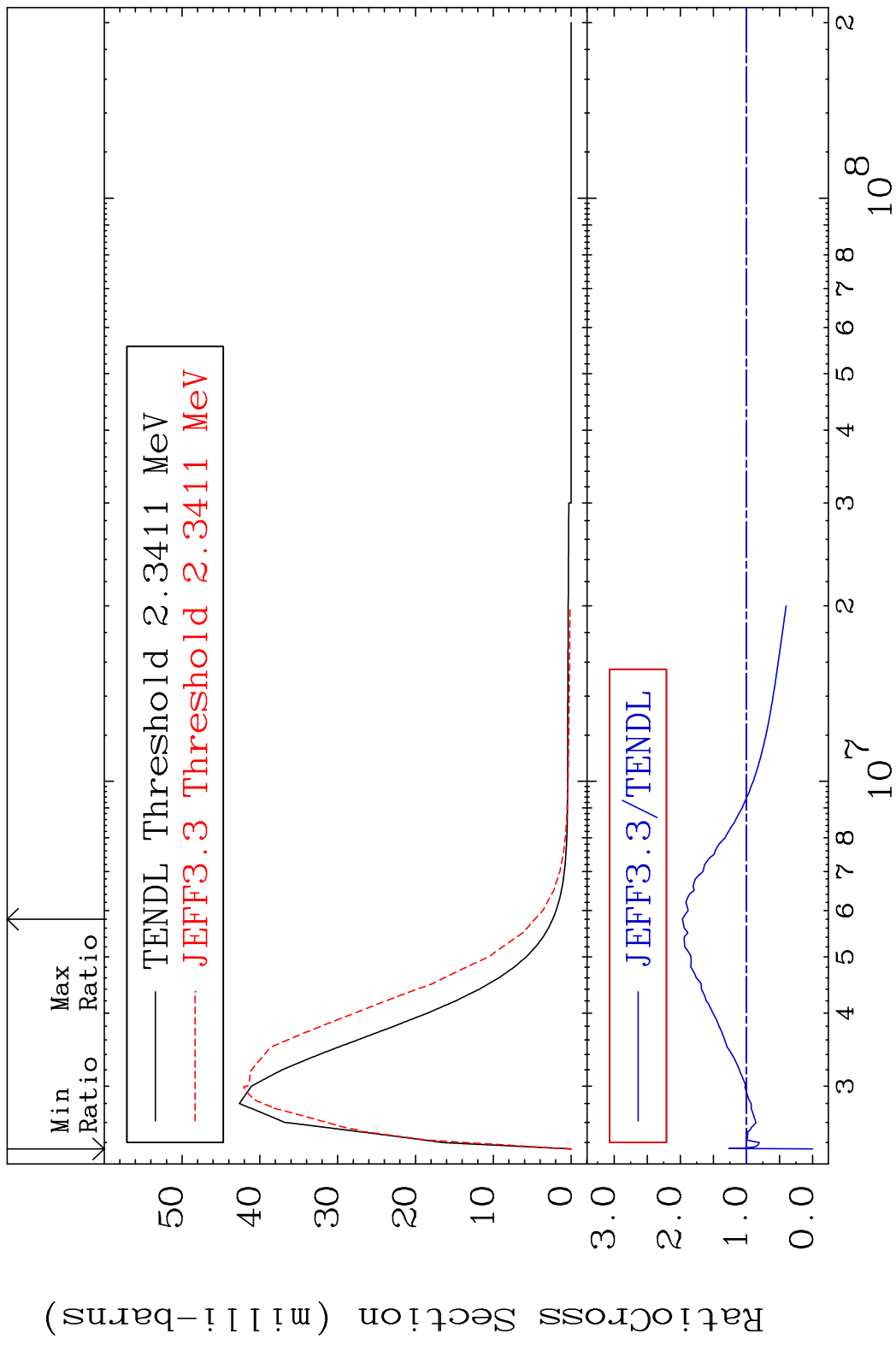
MAT 5043 MT= 55 (n, n') Level 50-Sn-118  
 Cross Section -100.0 To 89.37 %



MAT 5043 MT= 56 (n,n') Level 50-Sn-118  
 Cross Section -93.71 To 66.96 %

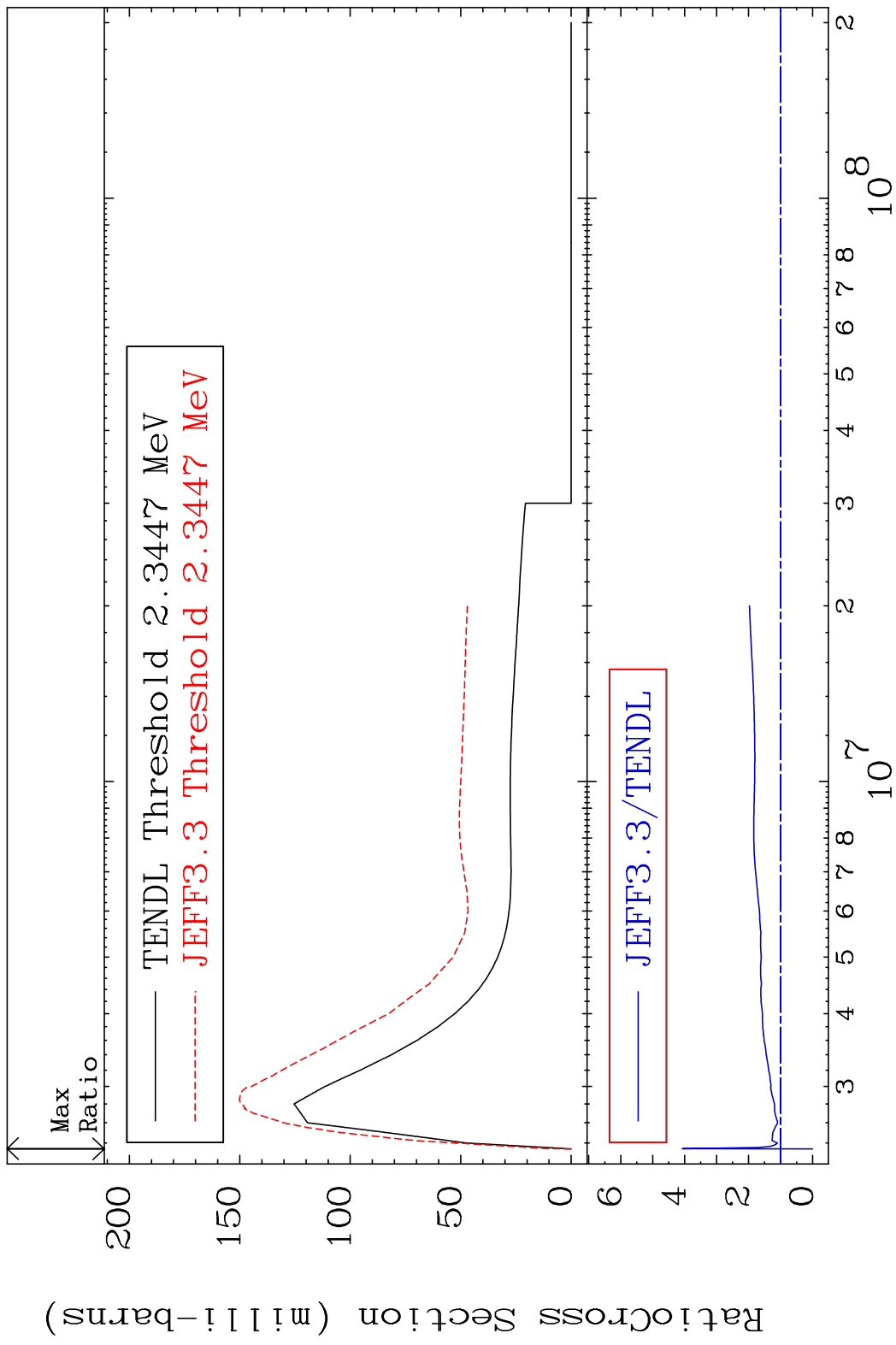


MAT 5043 MT= 57 (n, n') Level 50-Sn-118  
 Cross Section -100.0 To 96.82 %



14 Incident Energy (eV) 50-Sn-118

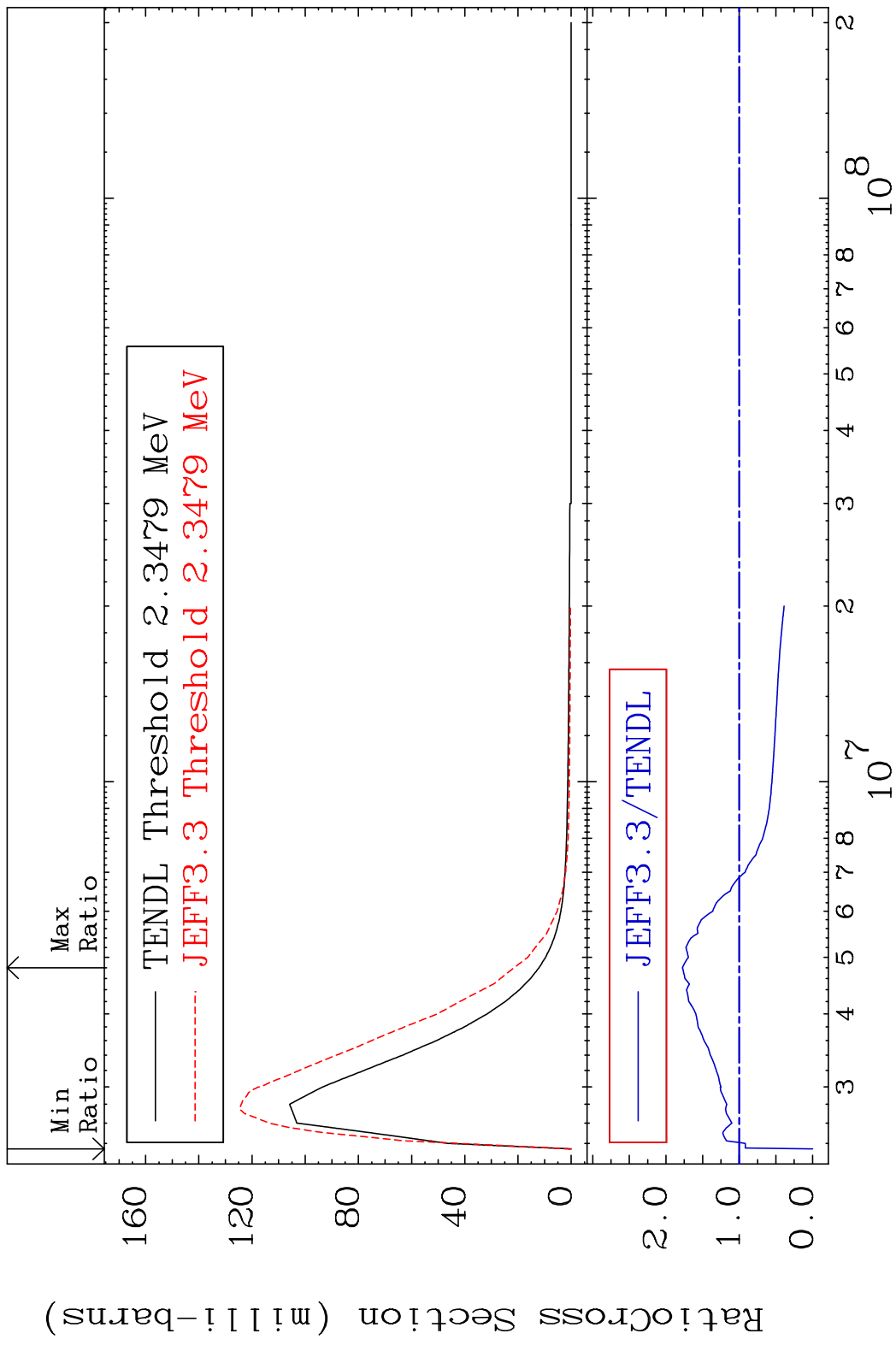
MAT 5043 MT= 58 (n, n') Level 50-Sn-118  
 Cross Section -100.0 To 307.3 %



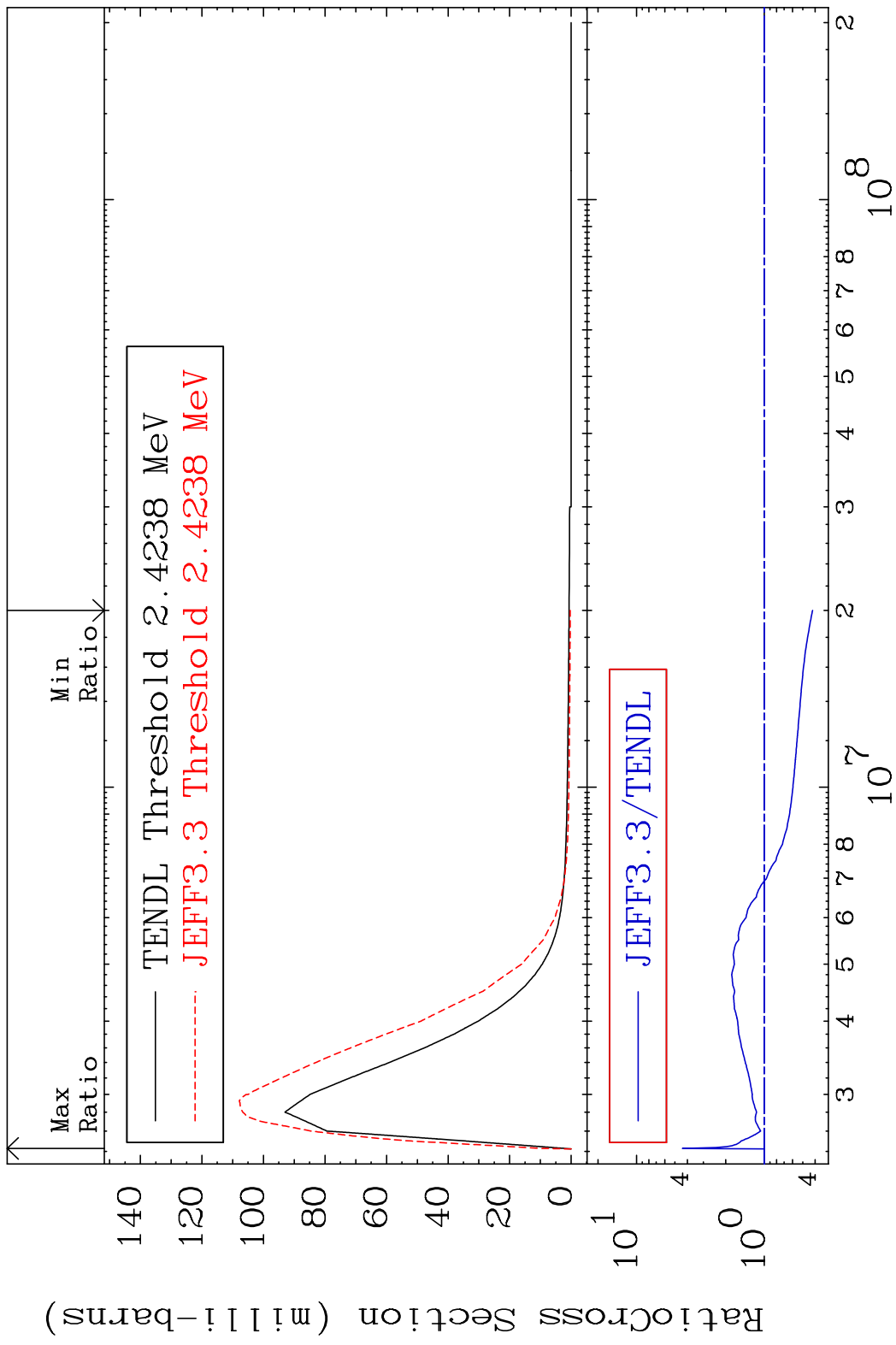
15 50-Sn-118



MAT 5043 MT= 59 (n, n') Level 50-Sn-118  
 Cross Section -100.0 To 77.65 %

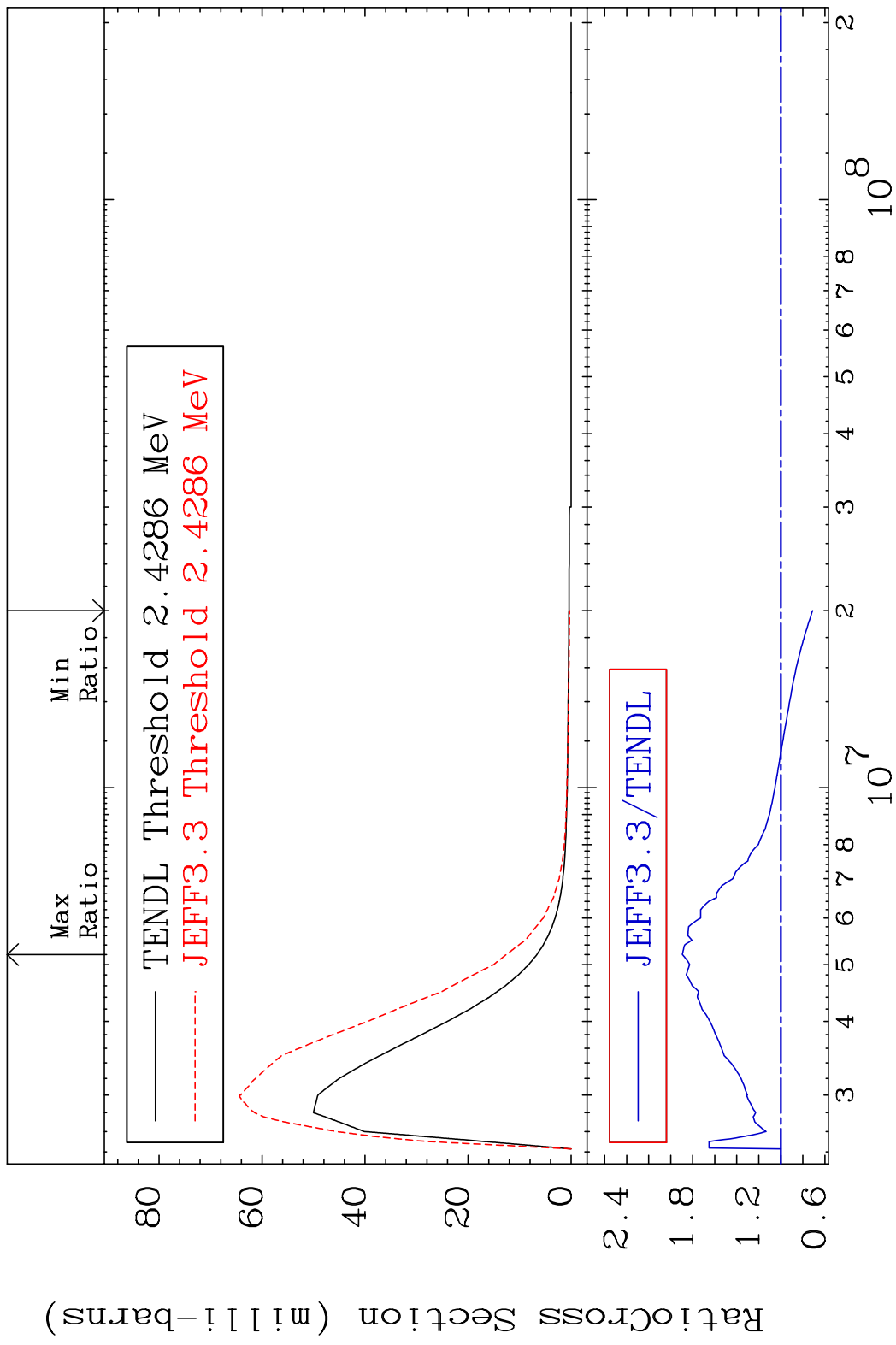


MAT 5043 MT= 60 (n, n') Level 50-Sn-118  
 Cross Section -58.14 To 337.3 %

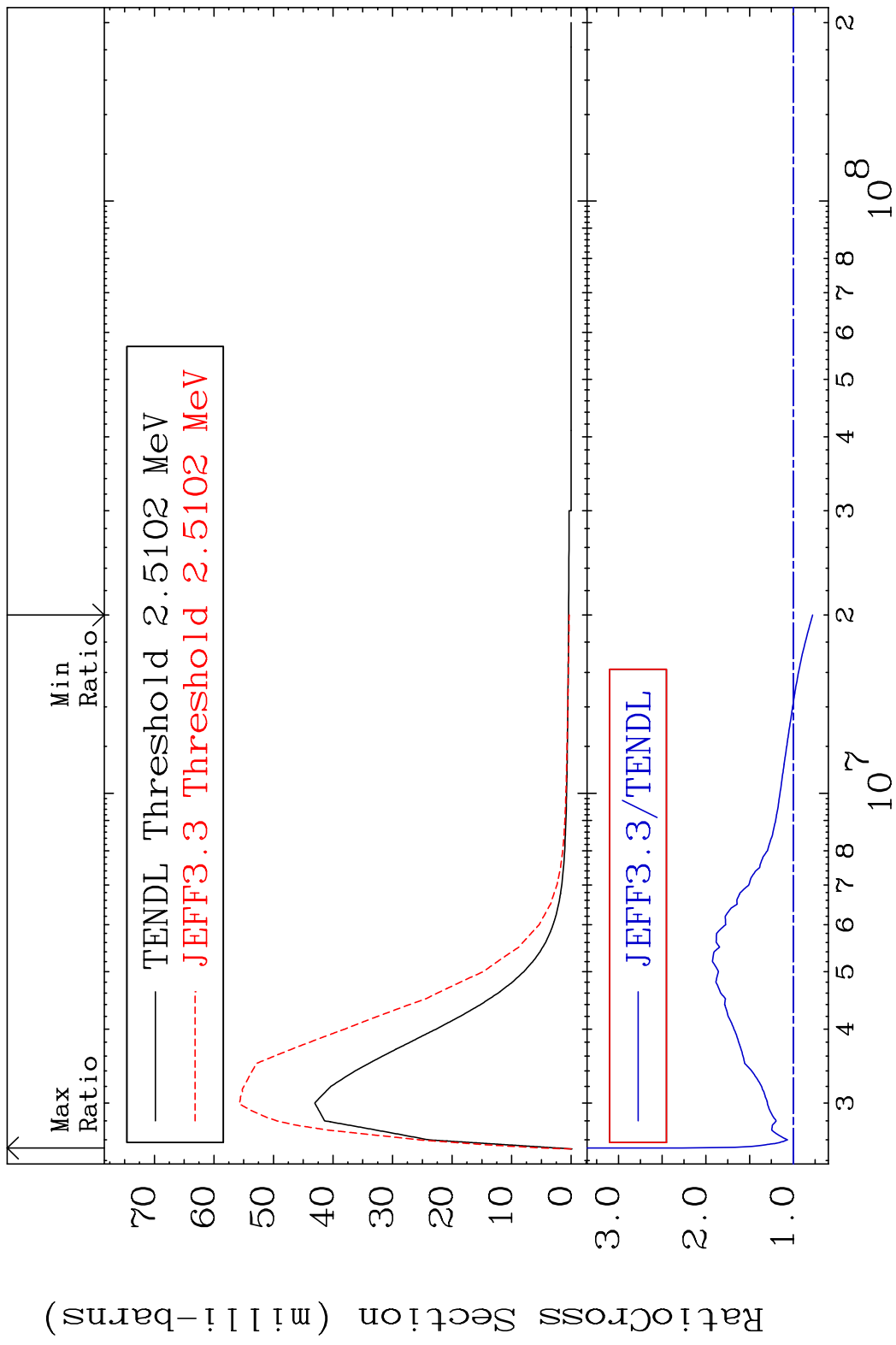


17 Incident Energy (eV) 50-Sn-118

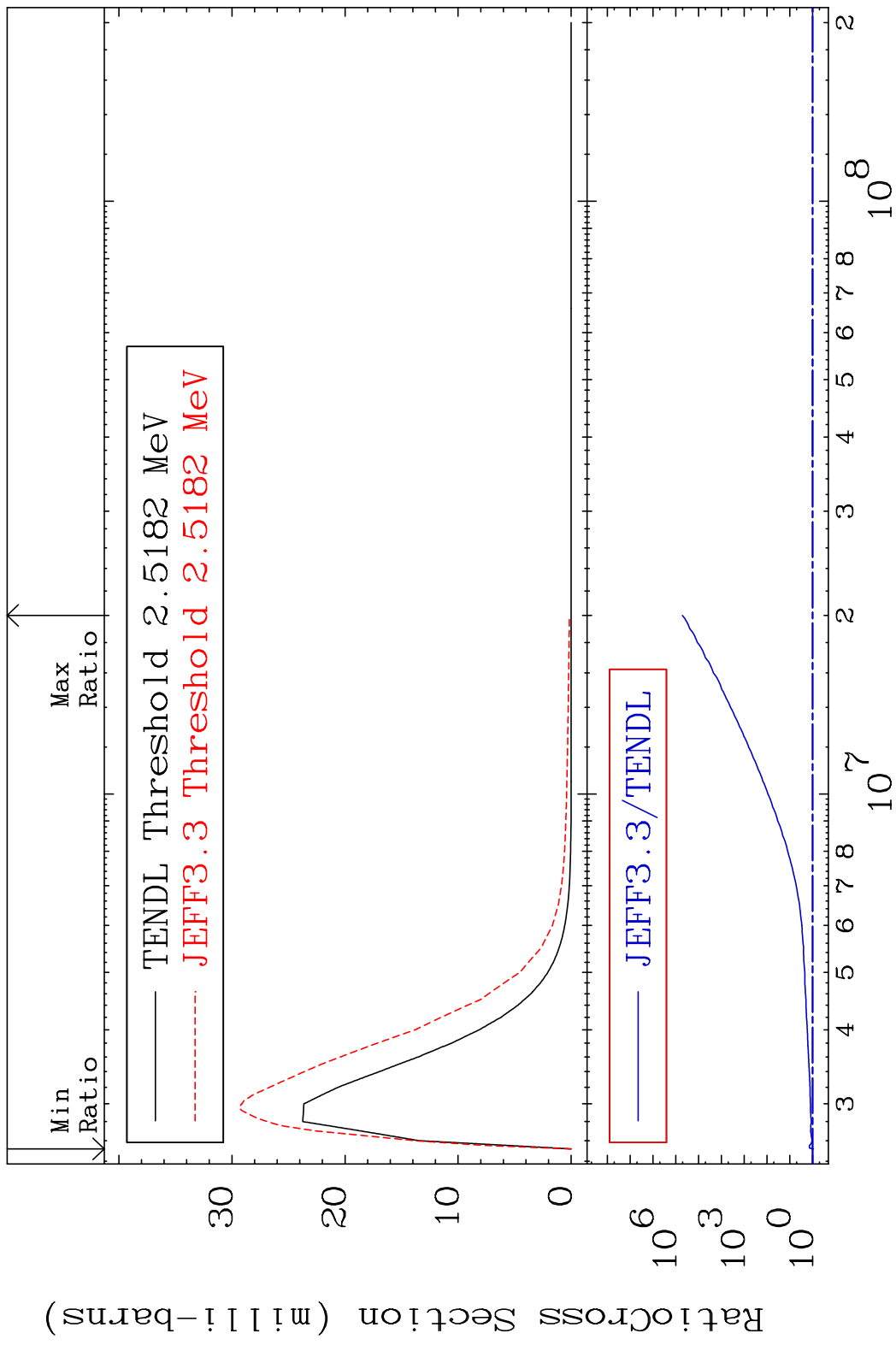
MAT 5043 MT= 61 (n, n') Level 50-Sn-118  
 Cross Section -28.83 To 89.41 %



MAT 5043 MT= 62 (n, n') Level 50-Sn-118  
 Cross Section -22.08 To 126.9 %



MAT 5043 MT= 63 (n, n') Level 50-Sn-118  
 Cross Section 0.000 To 9999. %

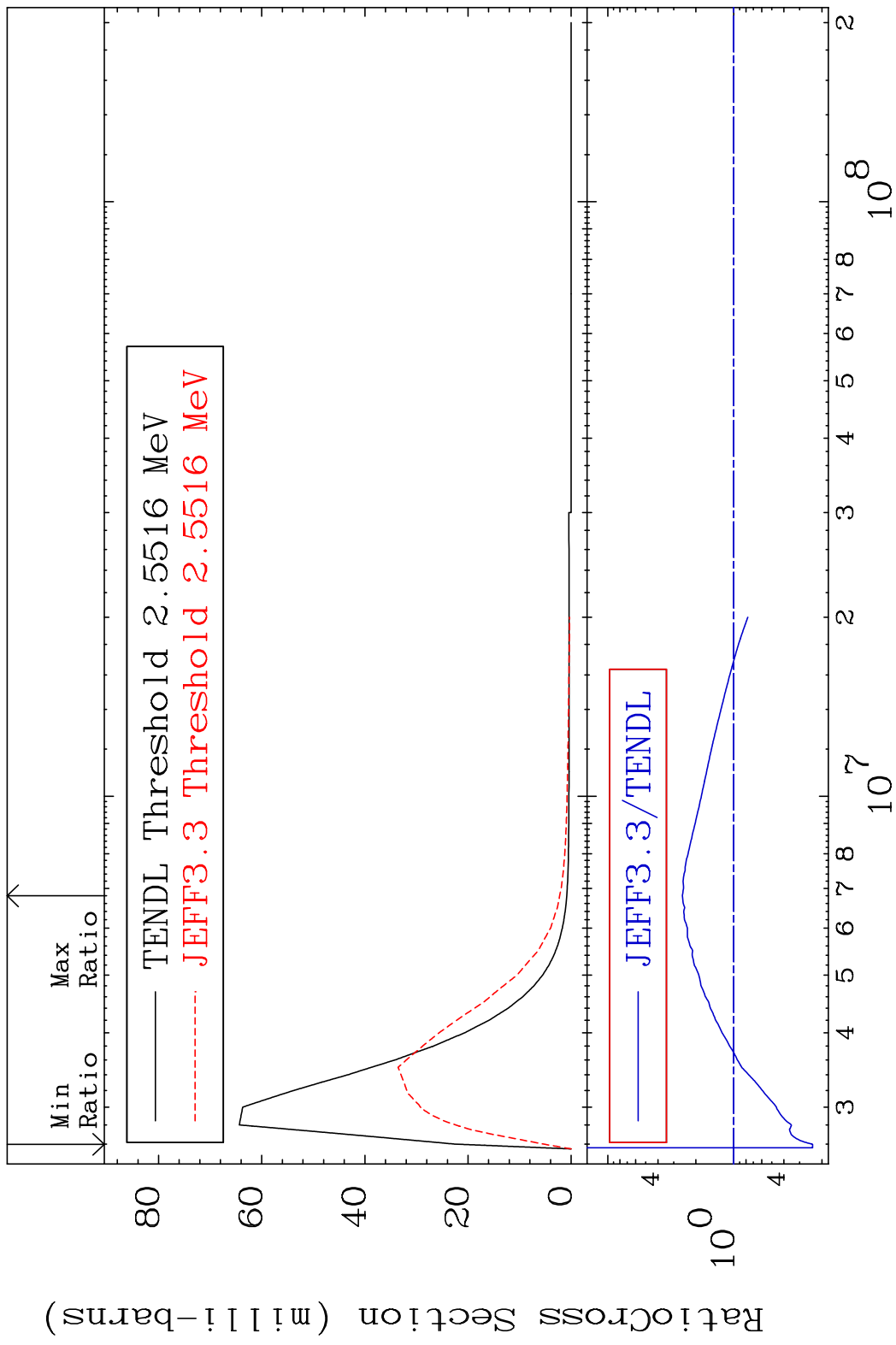


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Incident Energy (eV)

50-Sn-118

MAT 5043 MT= 64 (n,n') Level 50-Sn-118  
 Cross Section -76.29 To 156.0 %

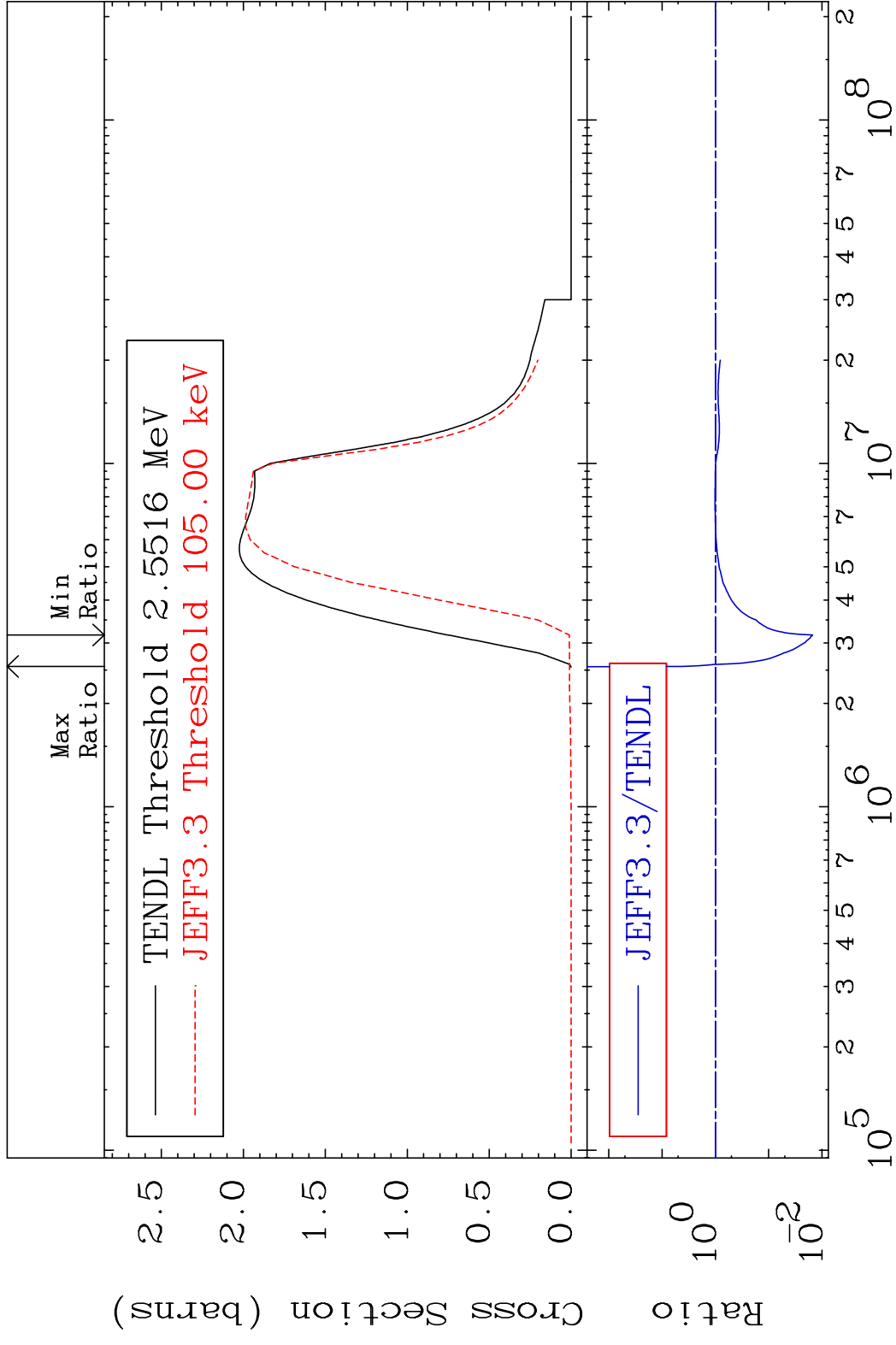


MAT 5043

(n, n') Continuum

50-Sn-118

Cross Section -98.50 To 316.7 %



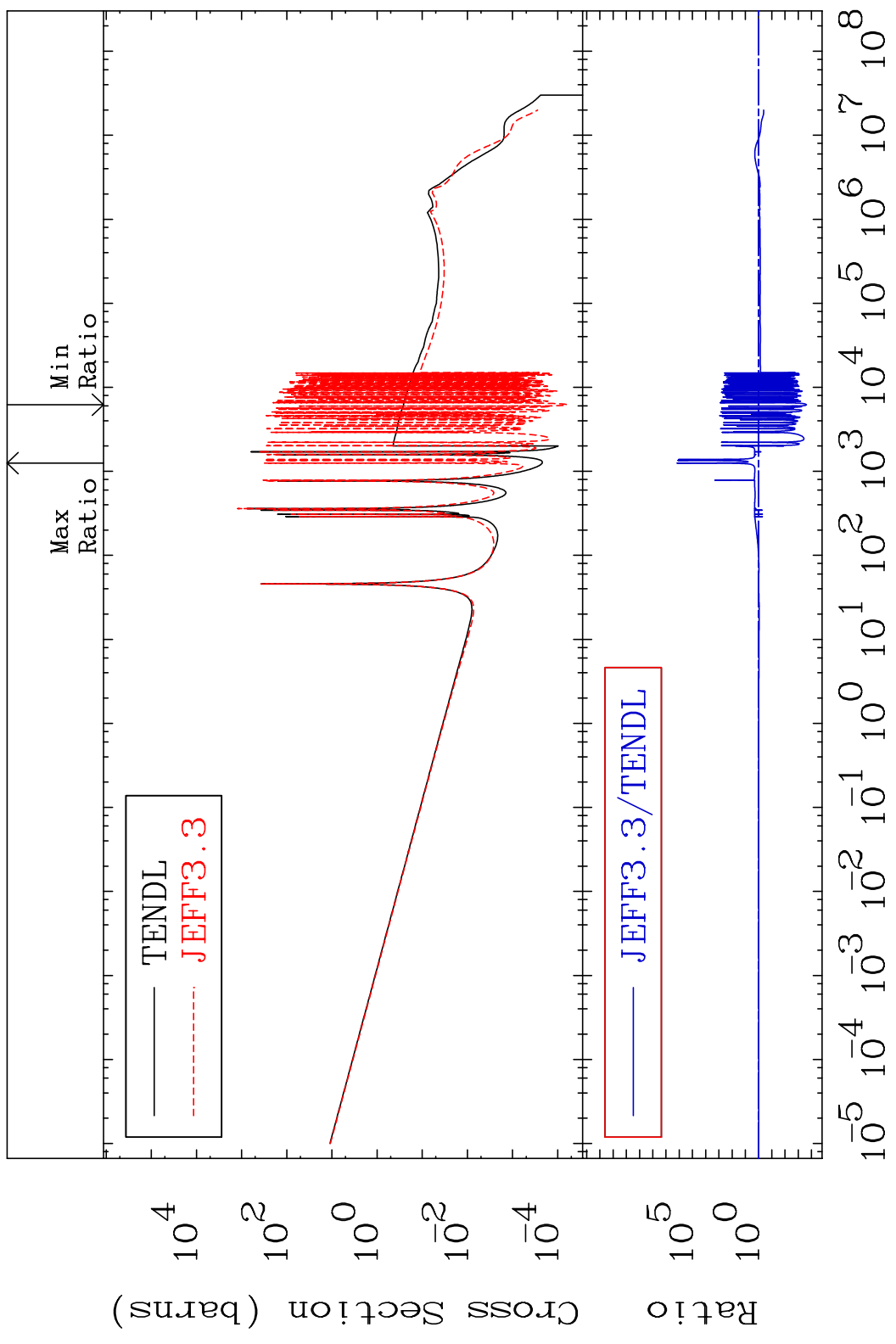
22

Incident Energy (eV)

50-Sn-118

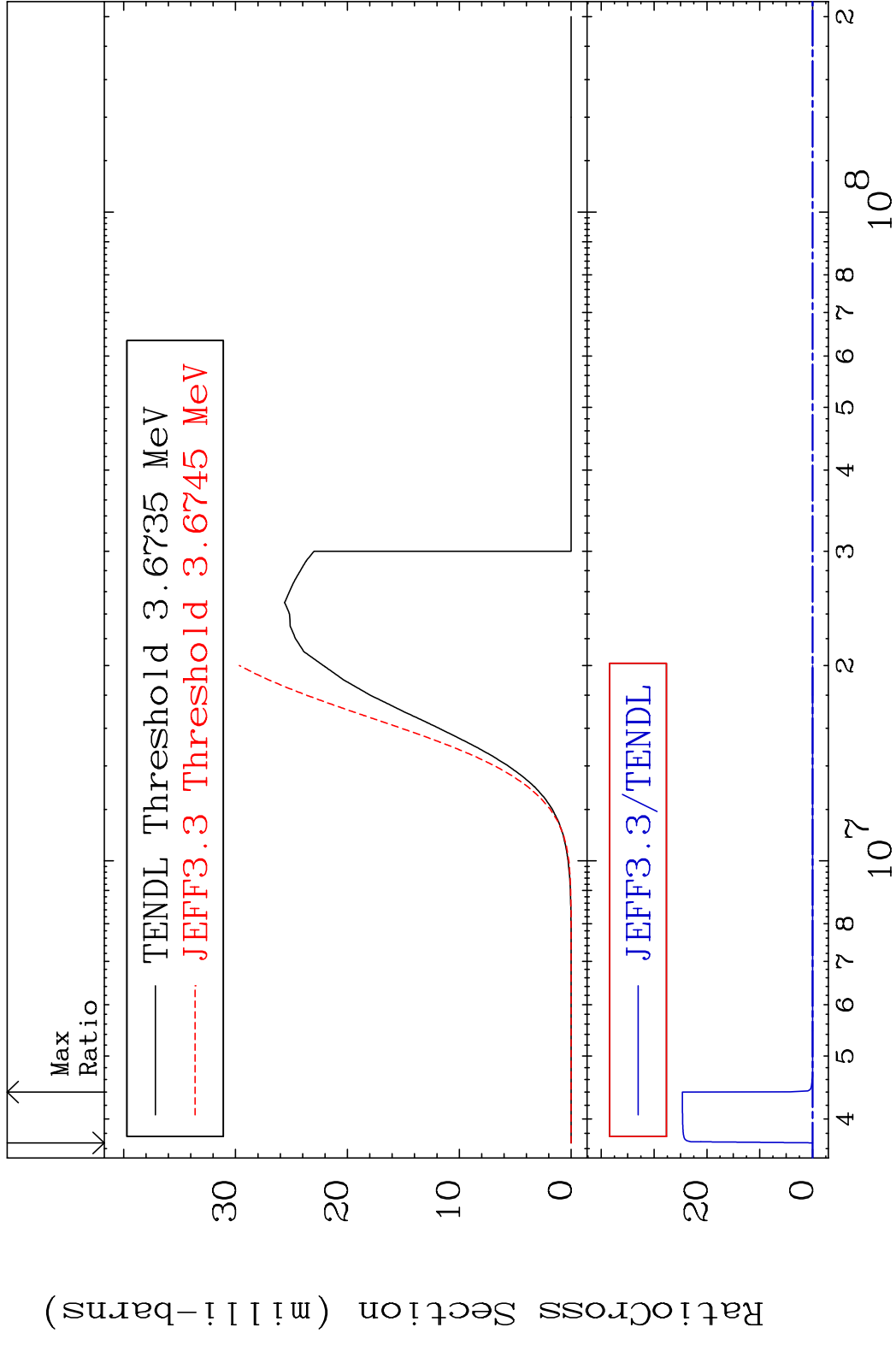
MAT 5043

(n,  $\gamma$ )  
Cross Section -99.98 To 9999. %  
50-Sn-118





MAT 5043 (n,p) 50-Sn-118  
 Cross Section -100.0 To 9999. %

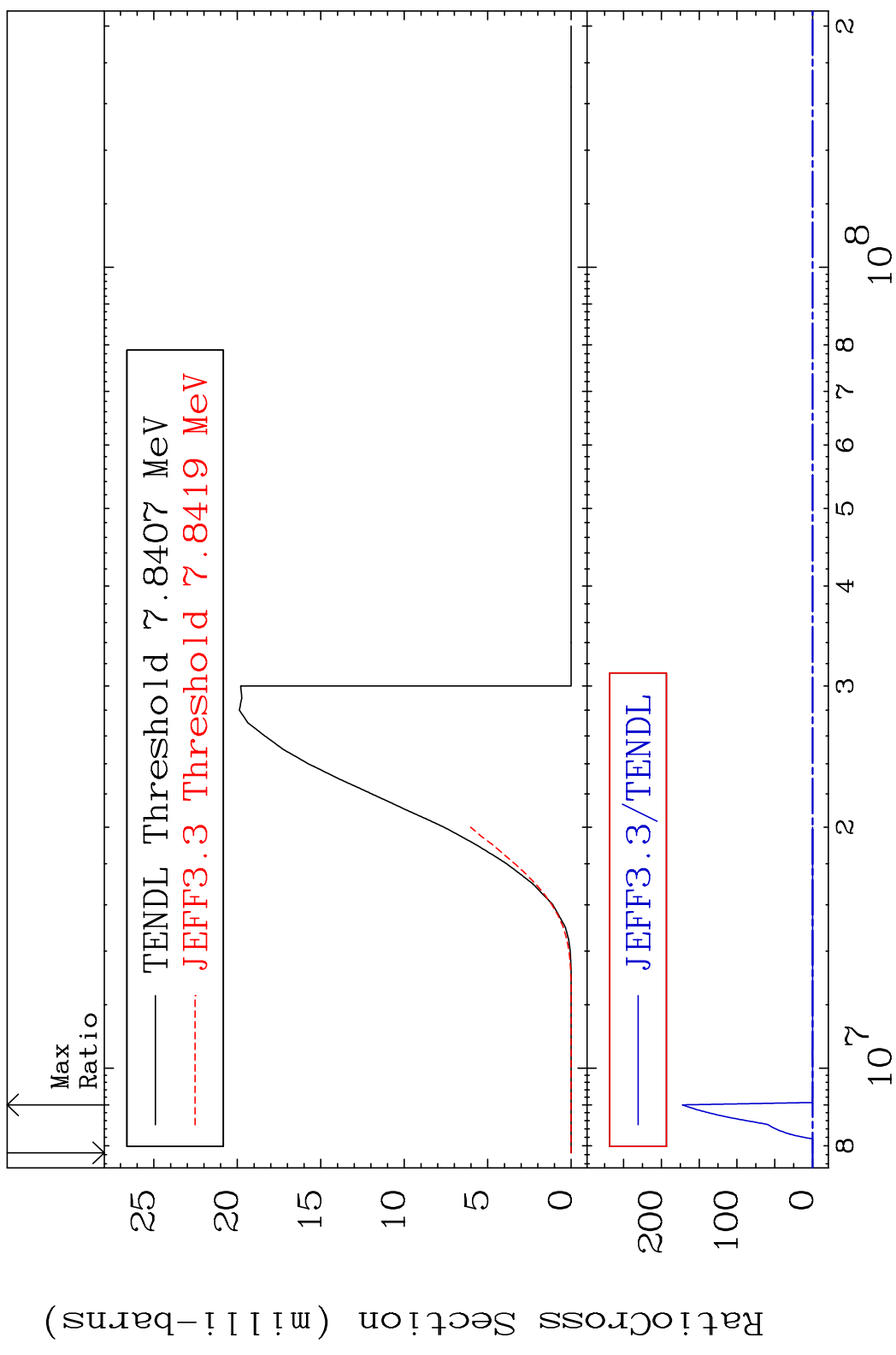


MAT 5043

(n,d)

50-Sn-118

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

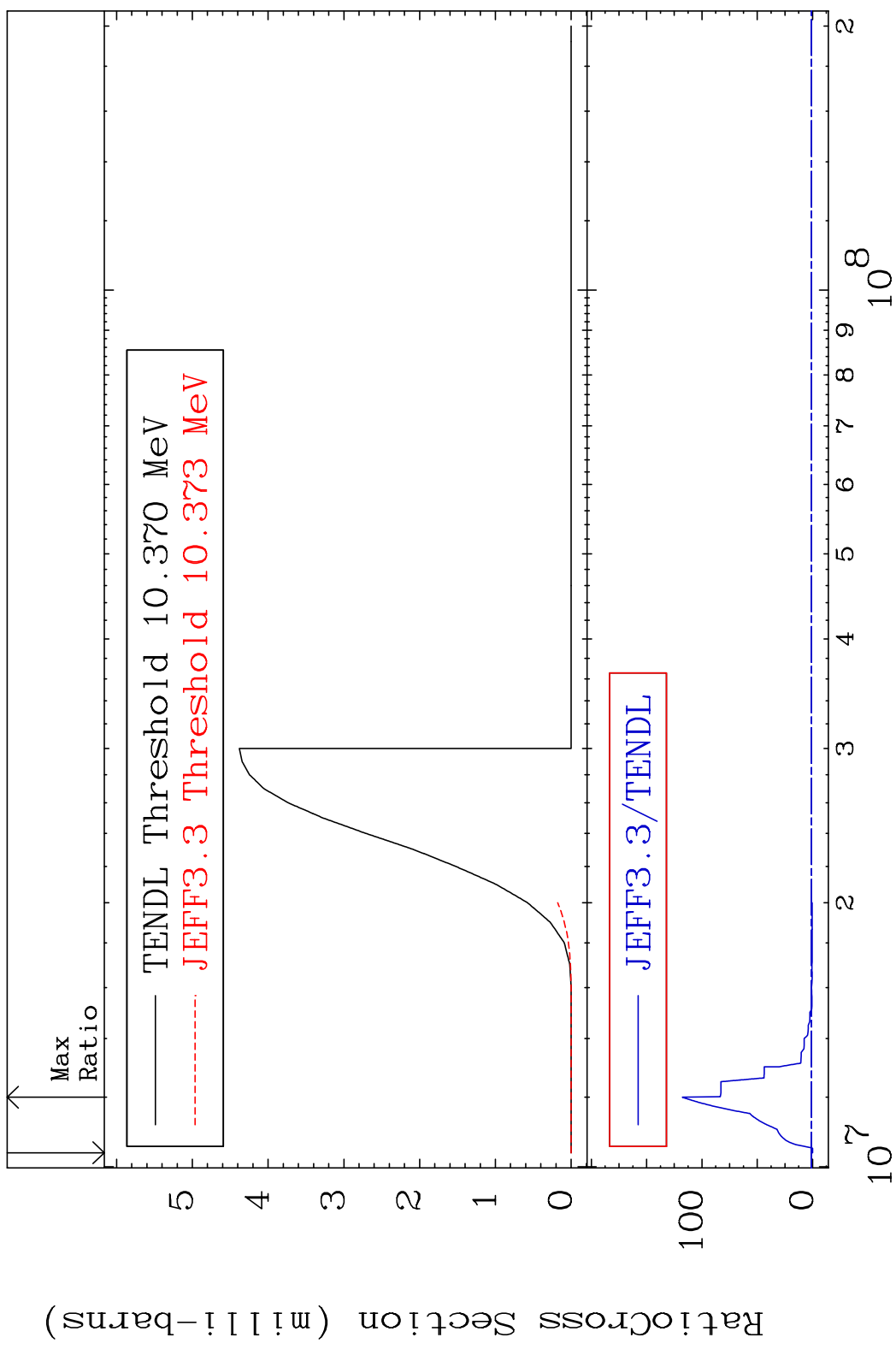
50-Sn-118

MAT 5043

(n, t)

50-Sn-118

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

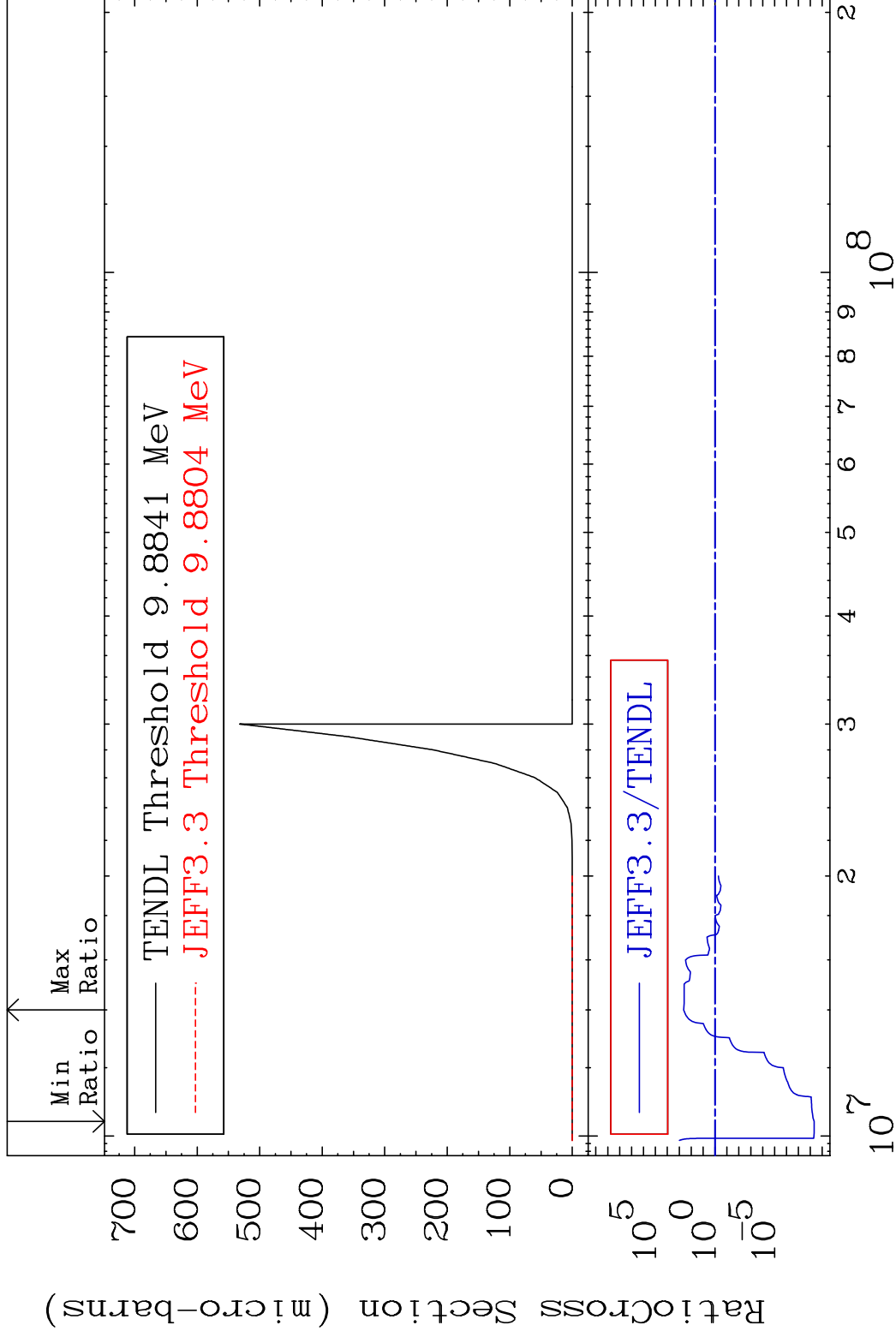
50-Sn-118

MAT 5043

(n, He-3)

50-Sn-118

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

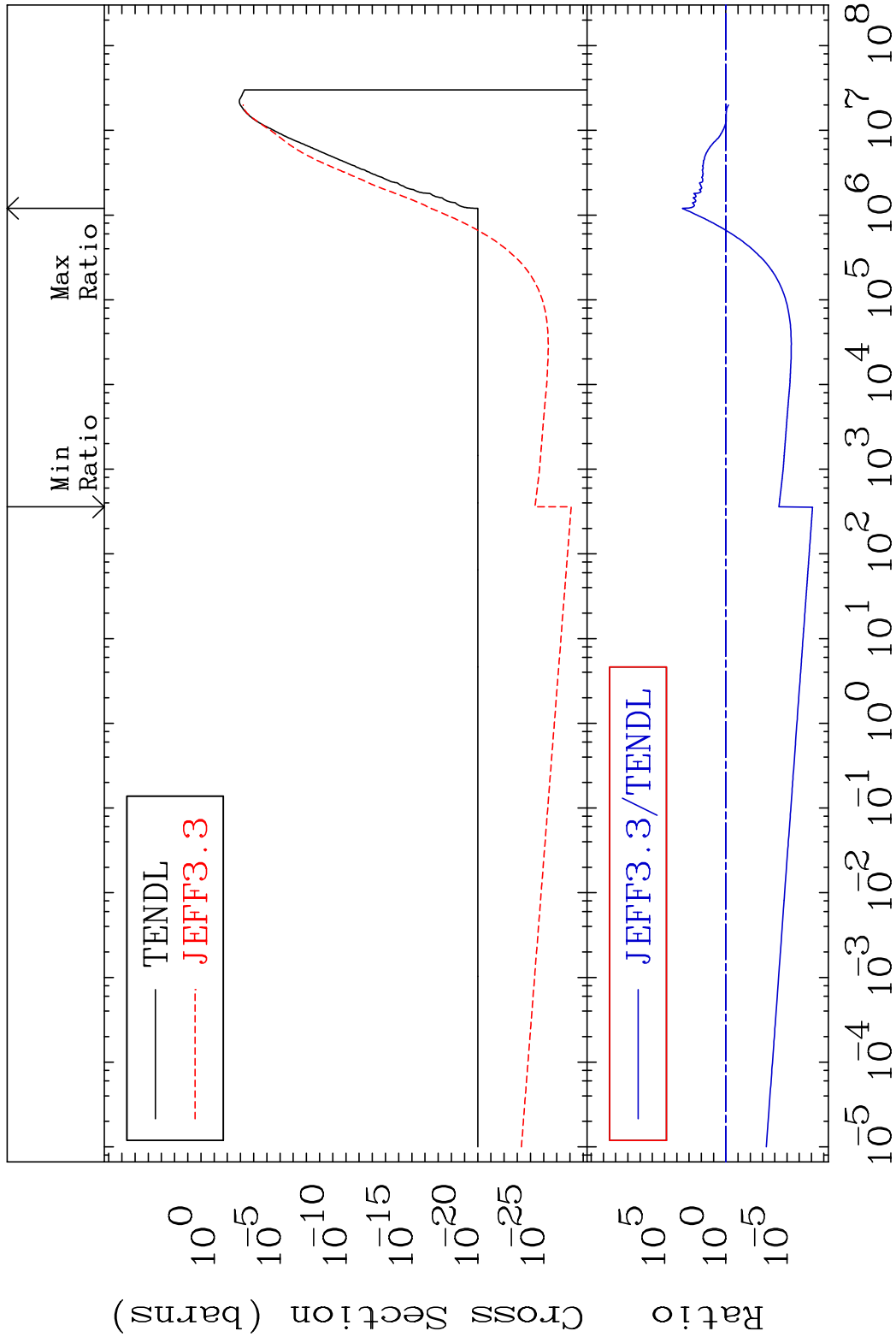
50-Sn-118

MAT 5043

(n,  $\alpha$ )

50-Sn-118

Cross Section -100.0 To 9999. %

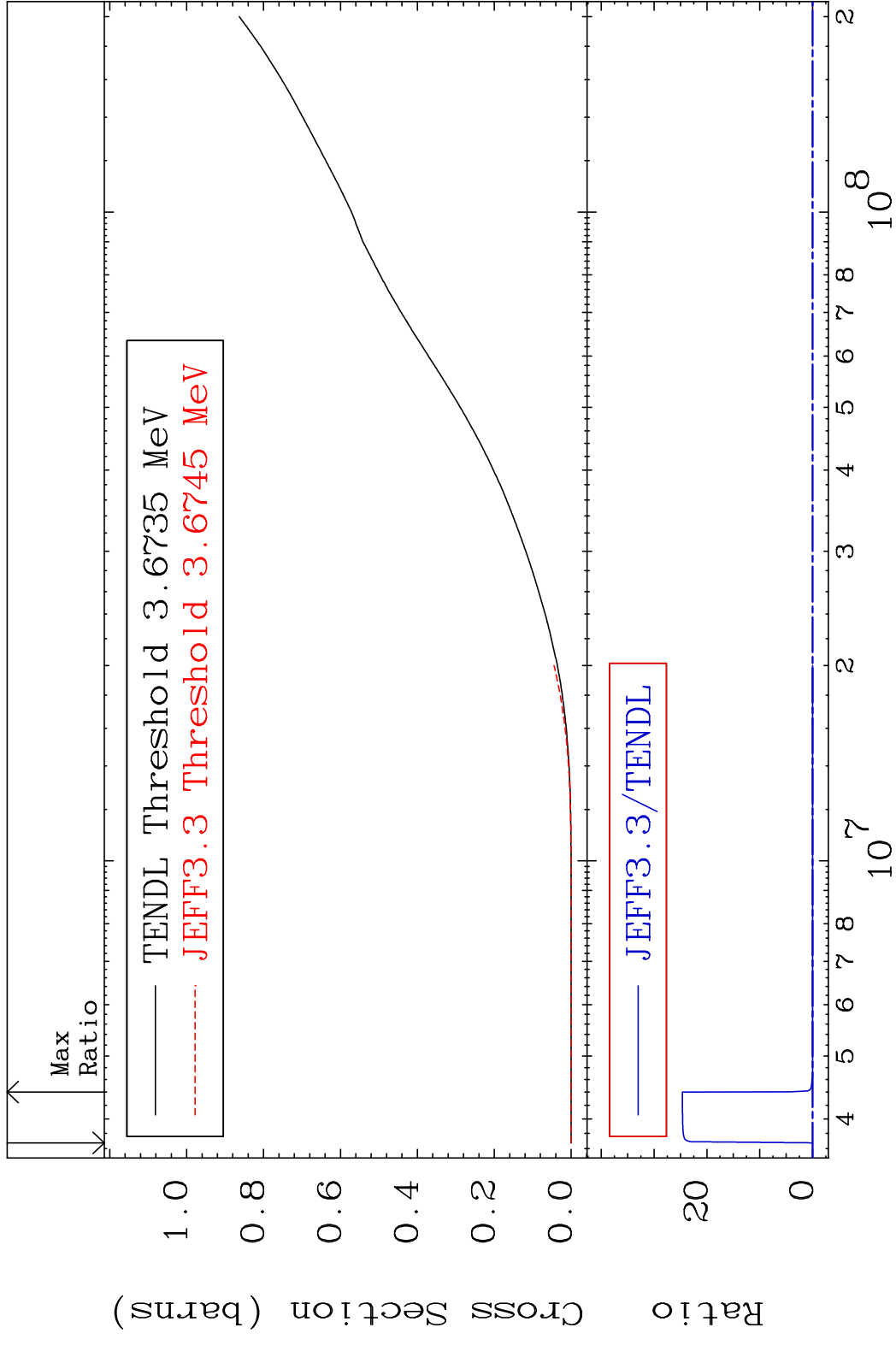


MAT 5043

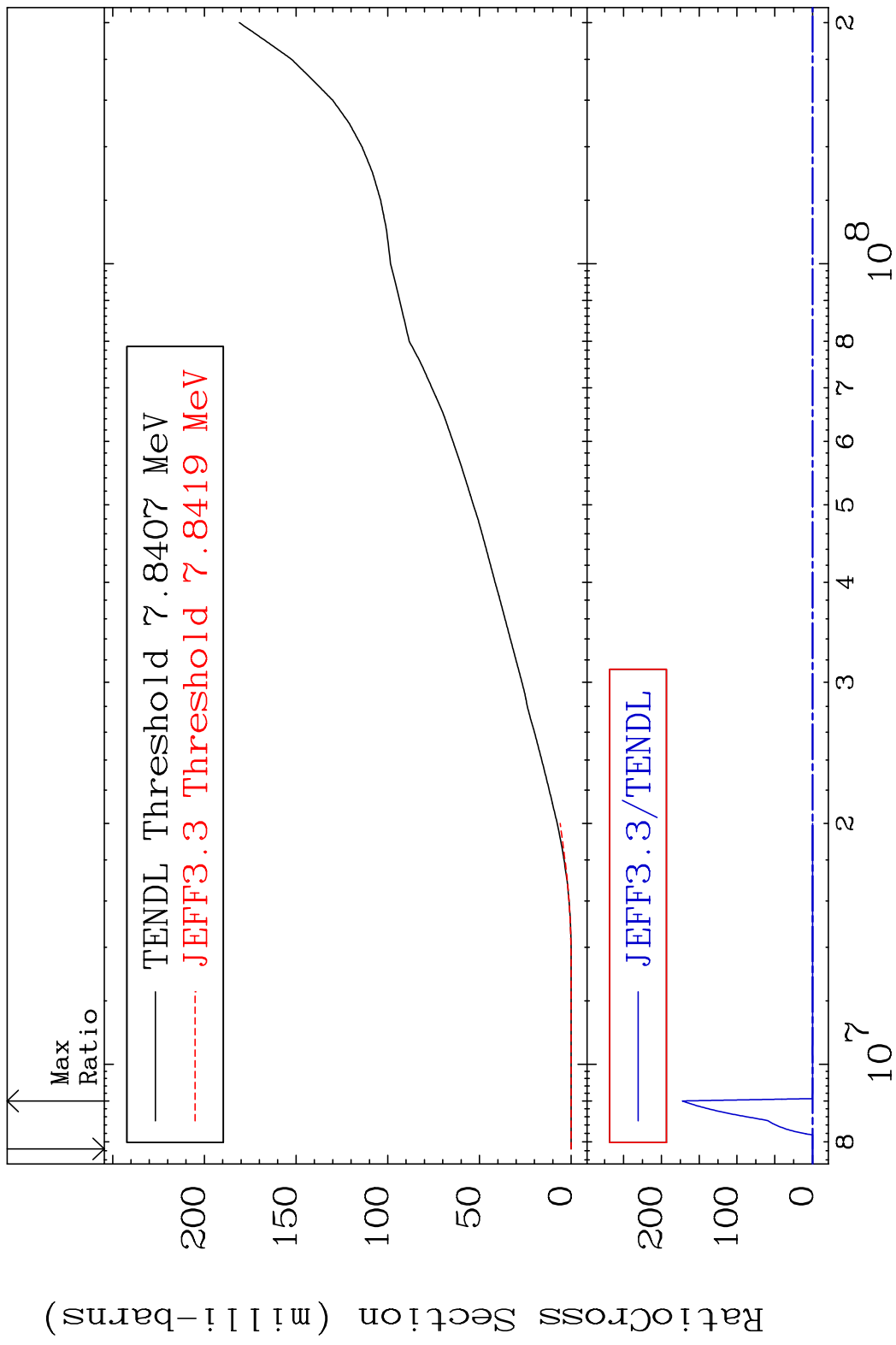
Hydrogen Production

50-Sn-118

Cross Section -100.0 To 9999. %

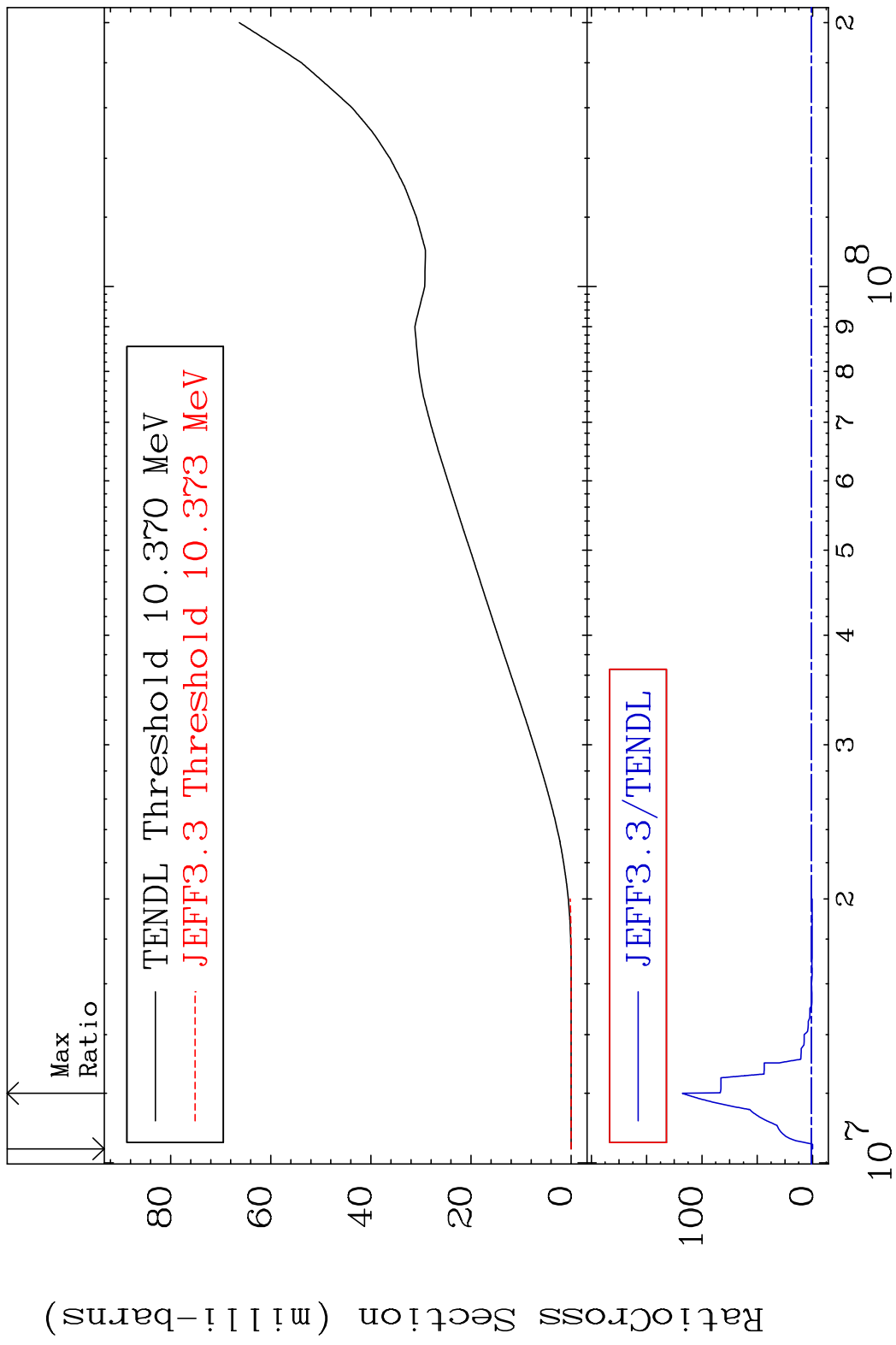


MAT 5043 Deuterium Production 50-Sn-118  
 Cross Section -100.0 To 9999. %



30 8 10<sup>7</sup> 2 10<sup>8</sup> 50-Sn-118

MAT 5043 Tritium Production 50-Sn-118  
 Cross Section -100.0 To 9999. %



31 Incident Energy (eV) 50-Sn-118

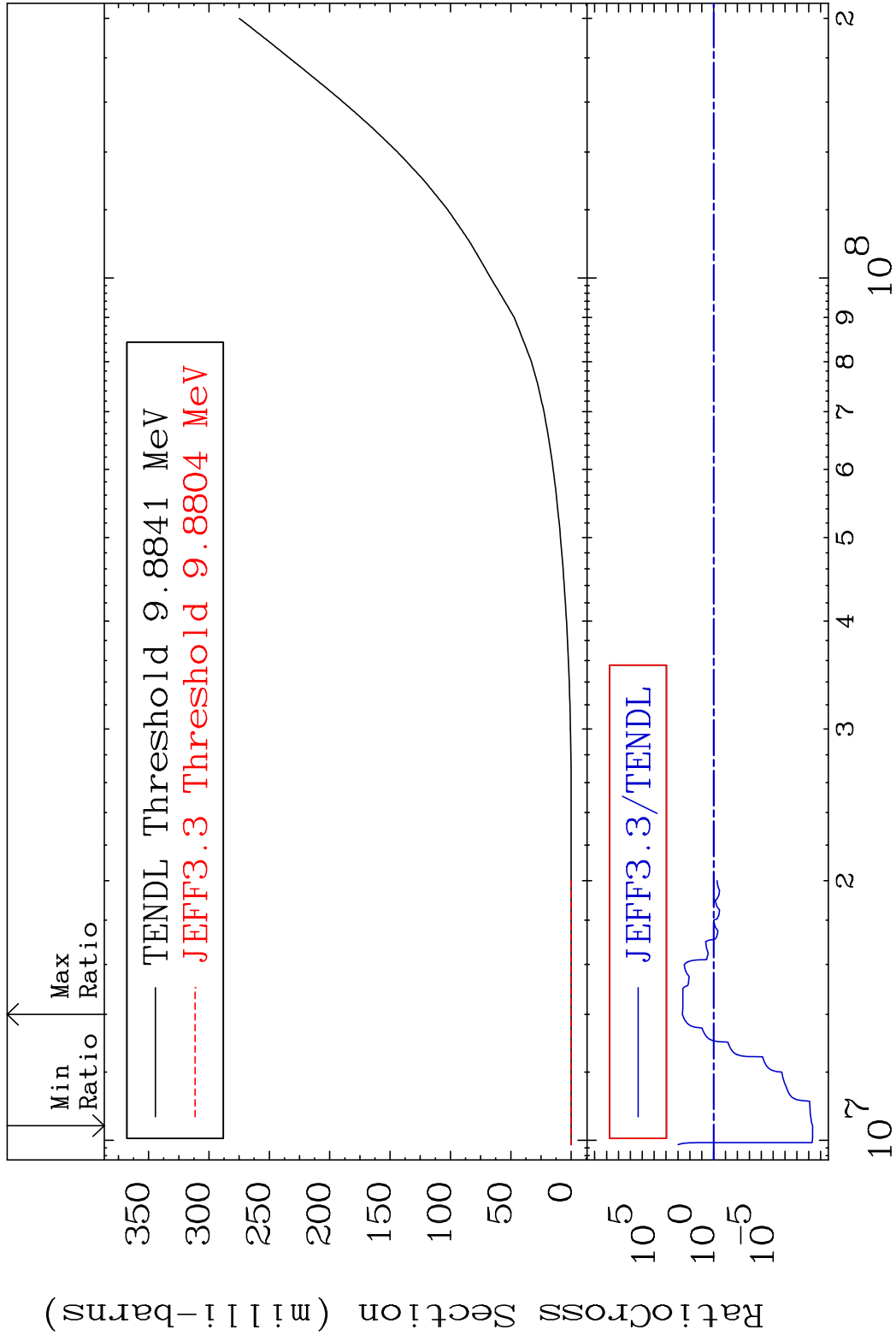


MAT 5043

He-3 Production

50-Sn-118

Cross Section -100.0 To 9999. %



32

Incident Energy (eV)

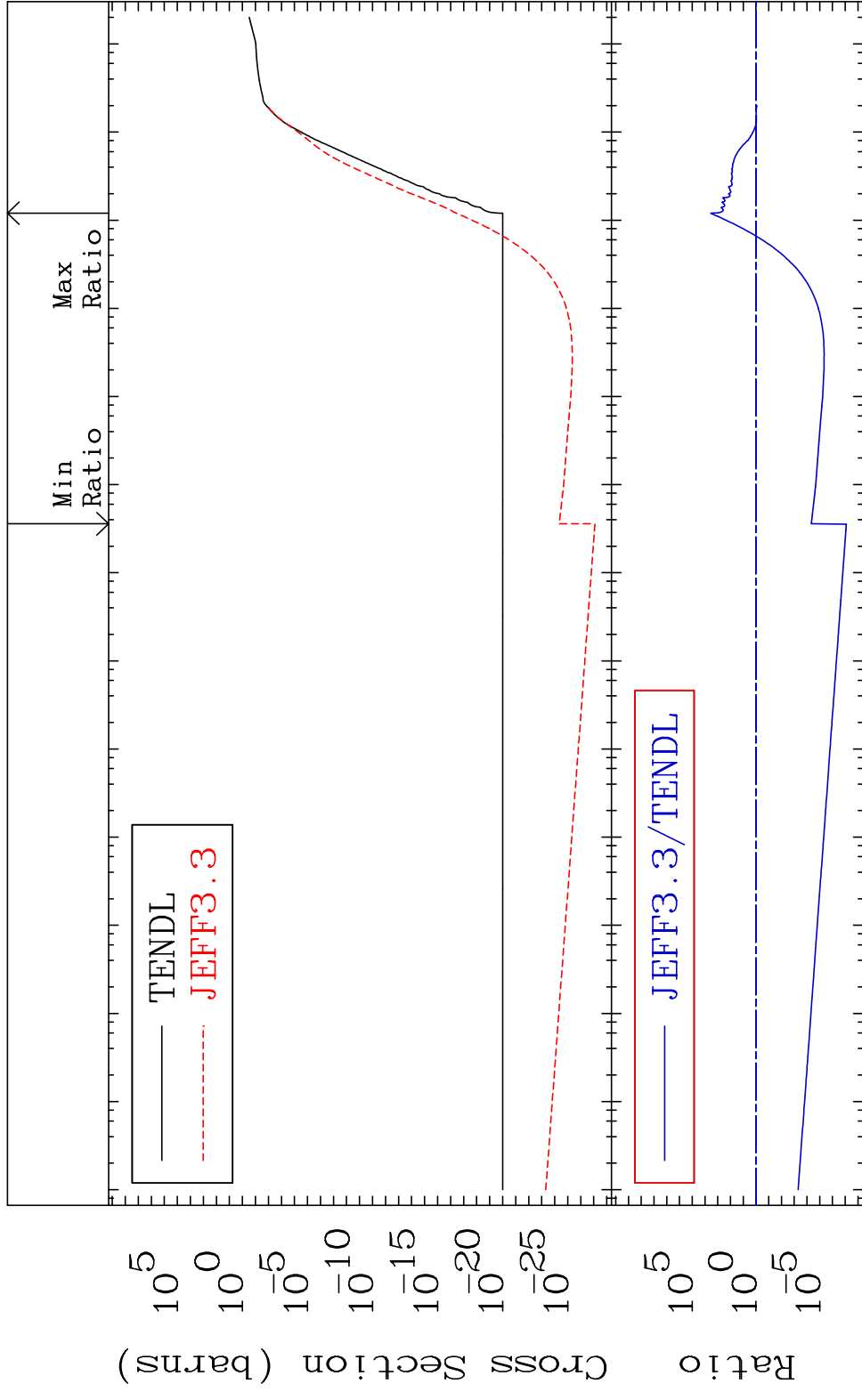
50-Sn-118

MAT 5043

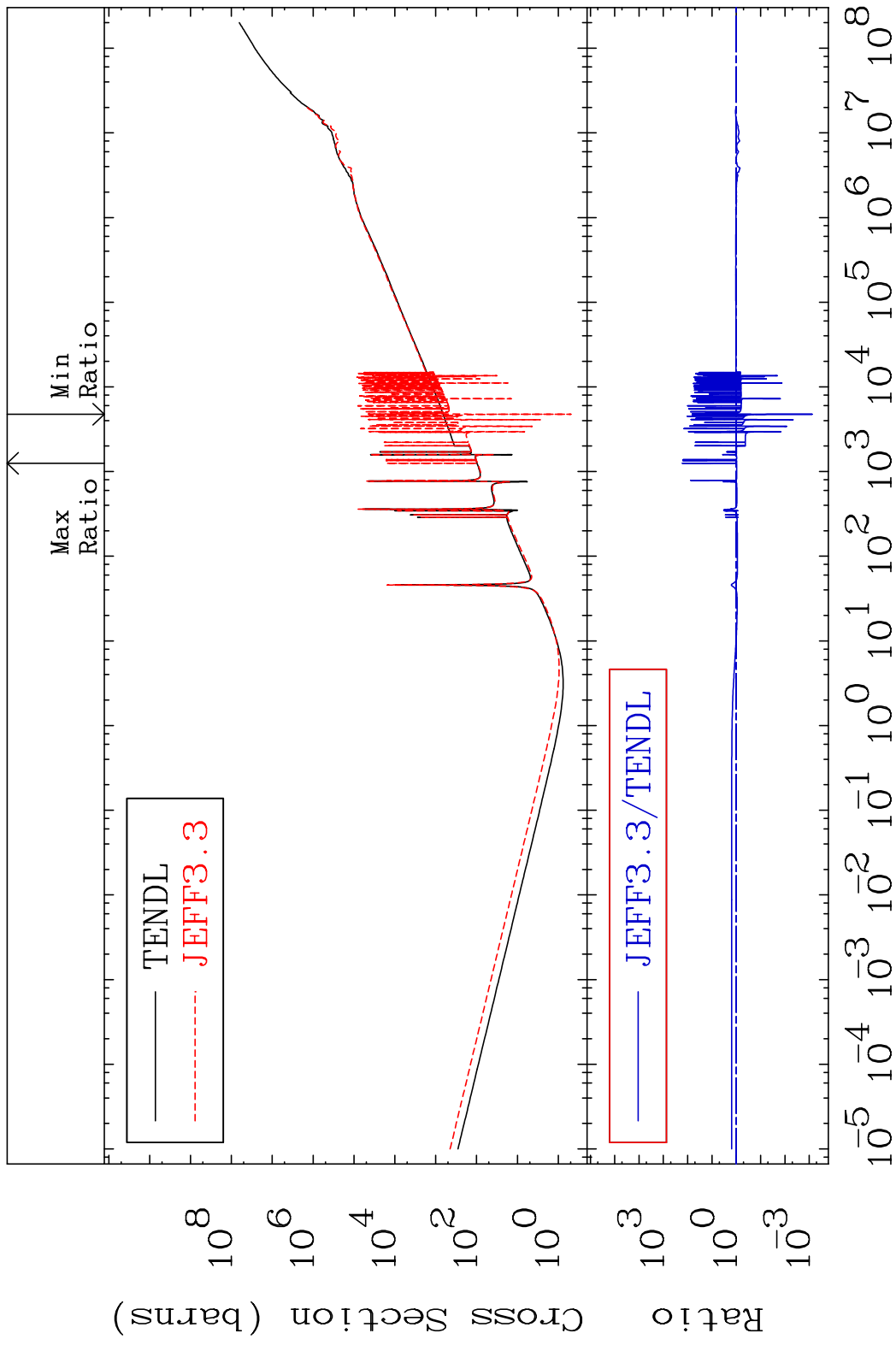
He-4 Production

50-Sn-118

Cross Section -100.0 To 9999. %

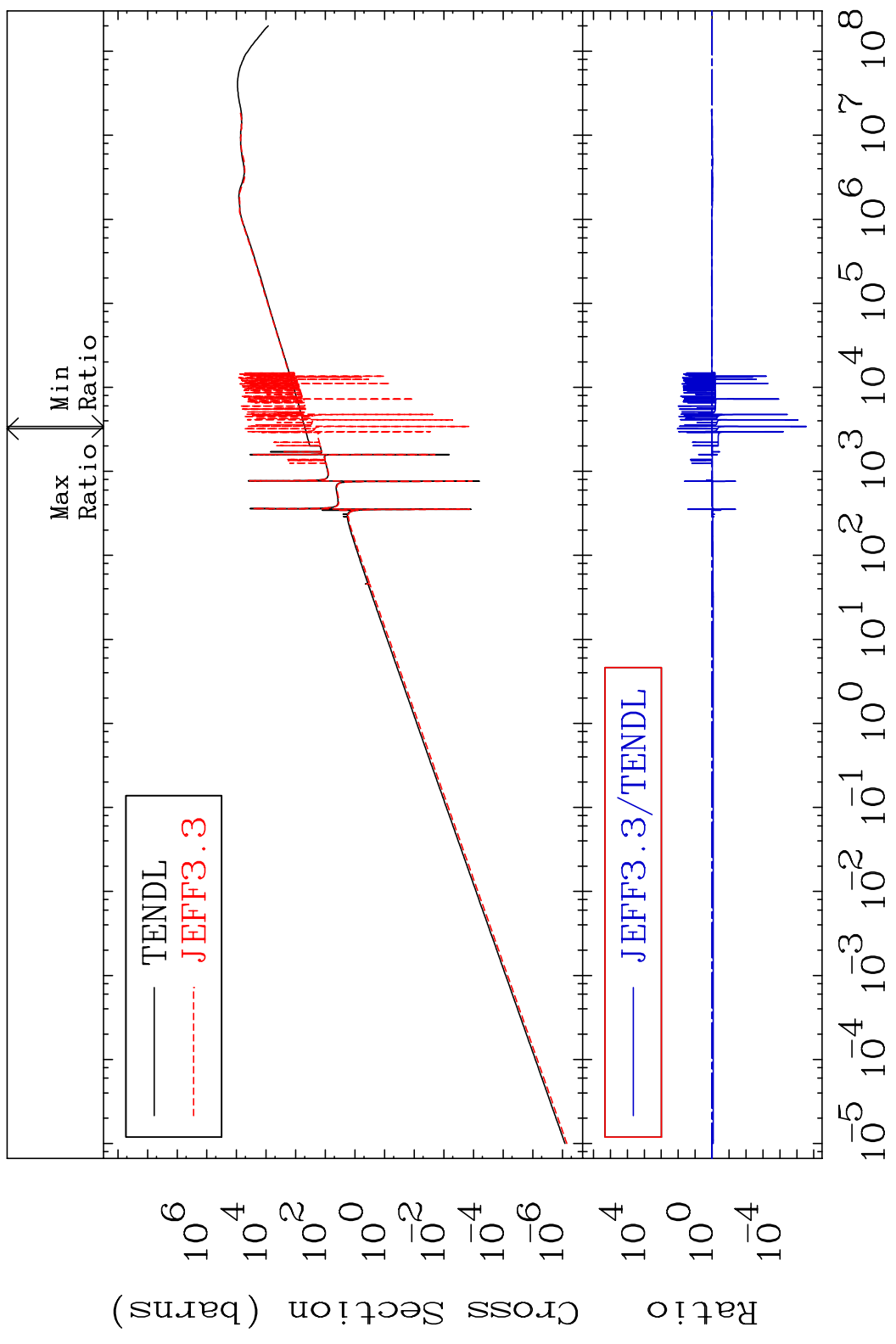


MAT 5043 Kerma total (eV-barns) 50-Sn-118  
 Cross Section -99.93 To 9999. %

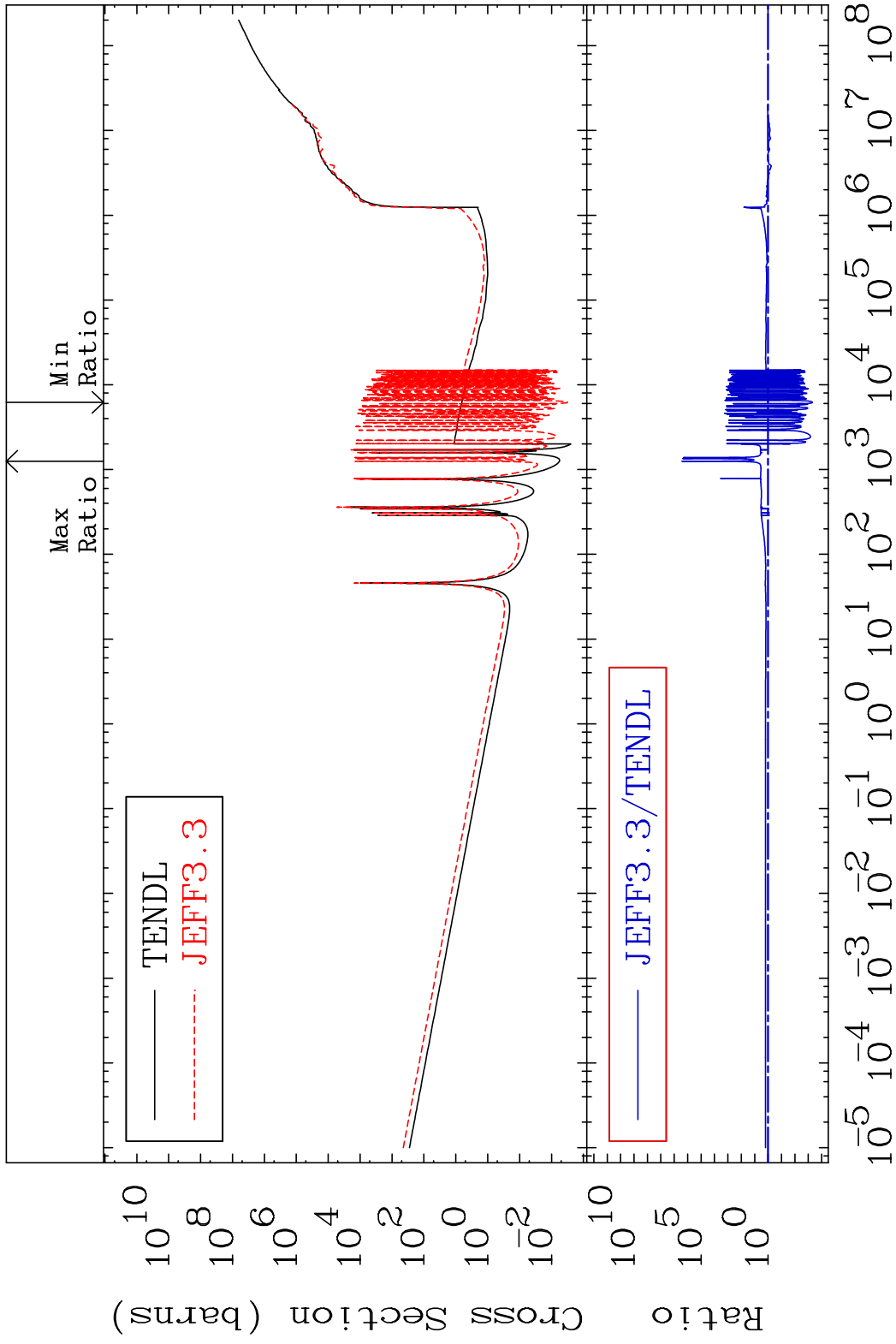


MAT 5043

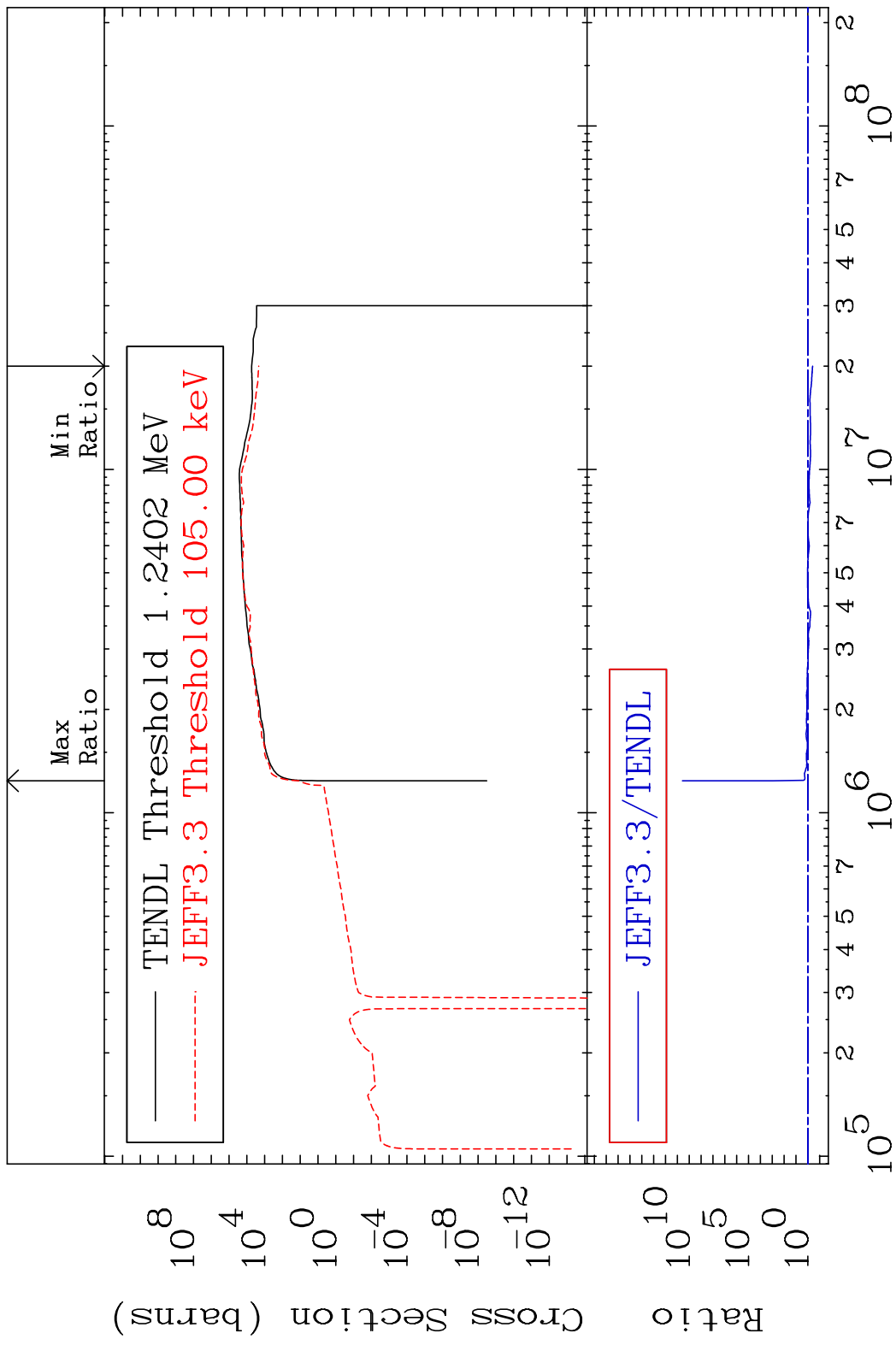
Kerma elastic  
Cross Section -100.0 To 9999. %  
50-Sn-118



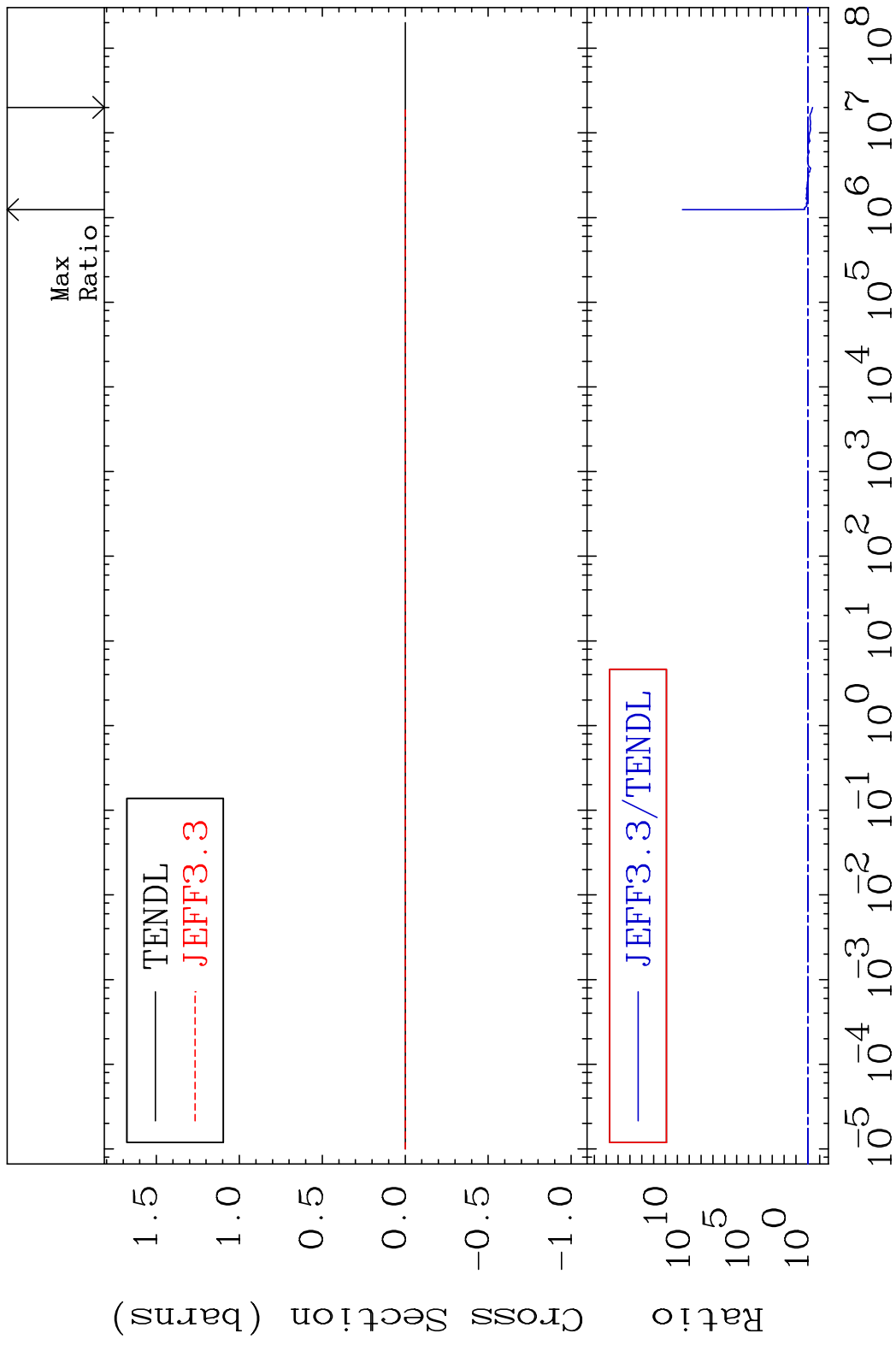
MAT 5043 Kerma non-elastic (all but mt2) 50-Sn-118  
 Cross Section -99.95 To 9999. %



MAT 5043 Kerma inelastic (mt51-91) 50-Sn-118  
 Cross Section -60.42 To 9999. %

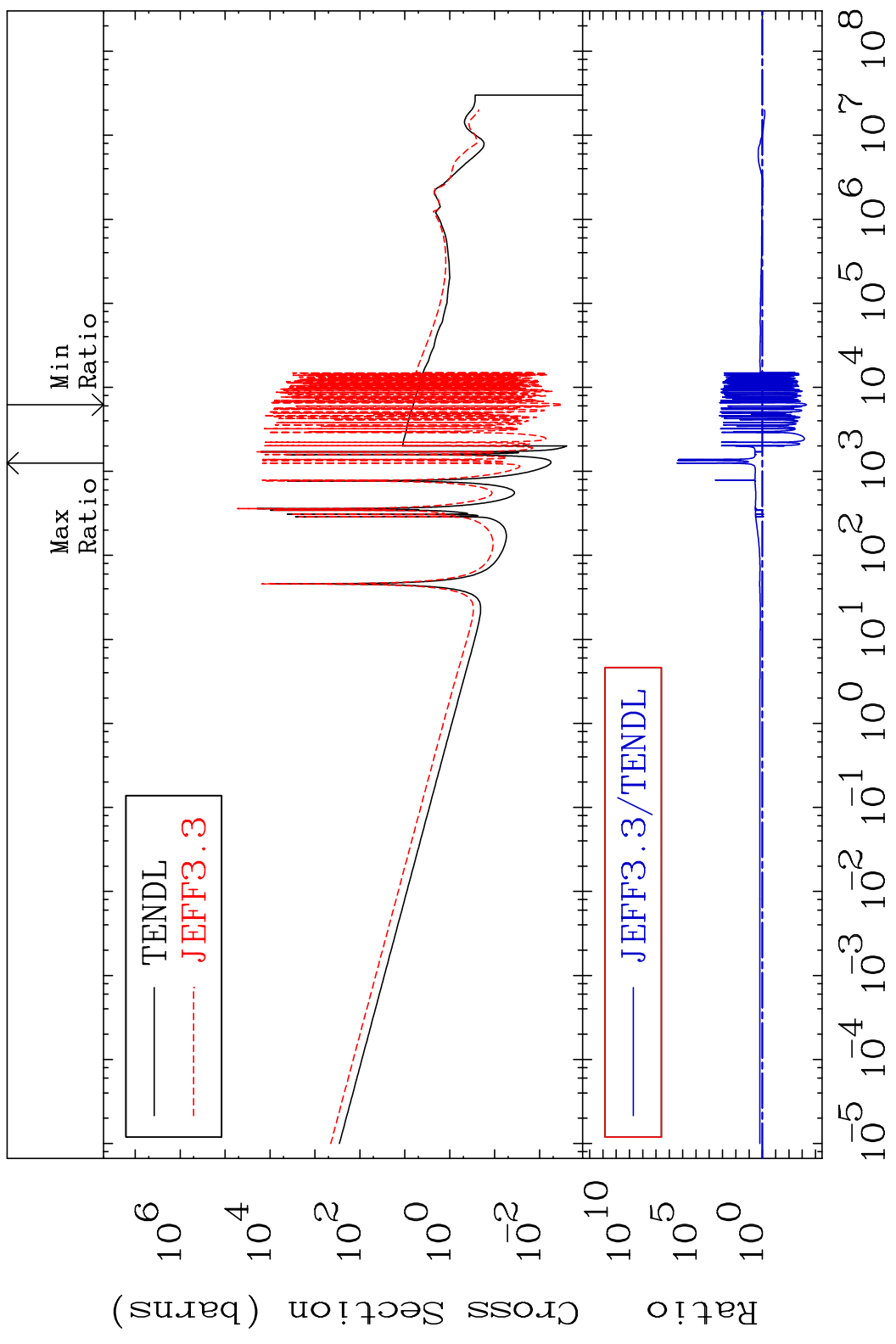


MAT 5043 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-118  
 Cross Section -60.42 To 9999. %



MAT 5043

Kerma capture (mt102) 50-Sn-118  
Cross Section -99.95 To 9999. %

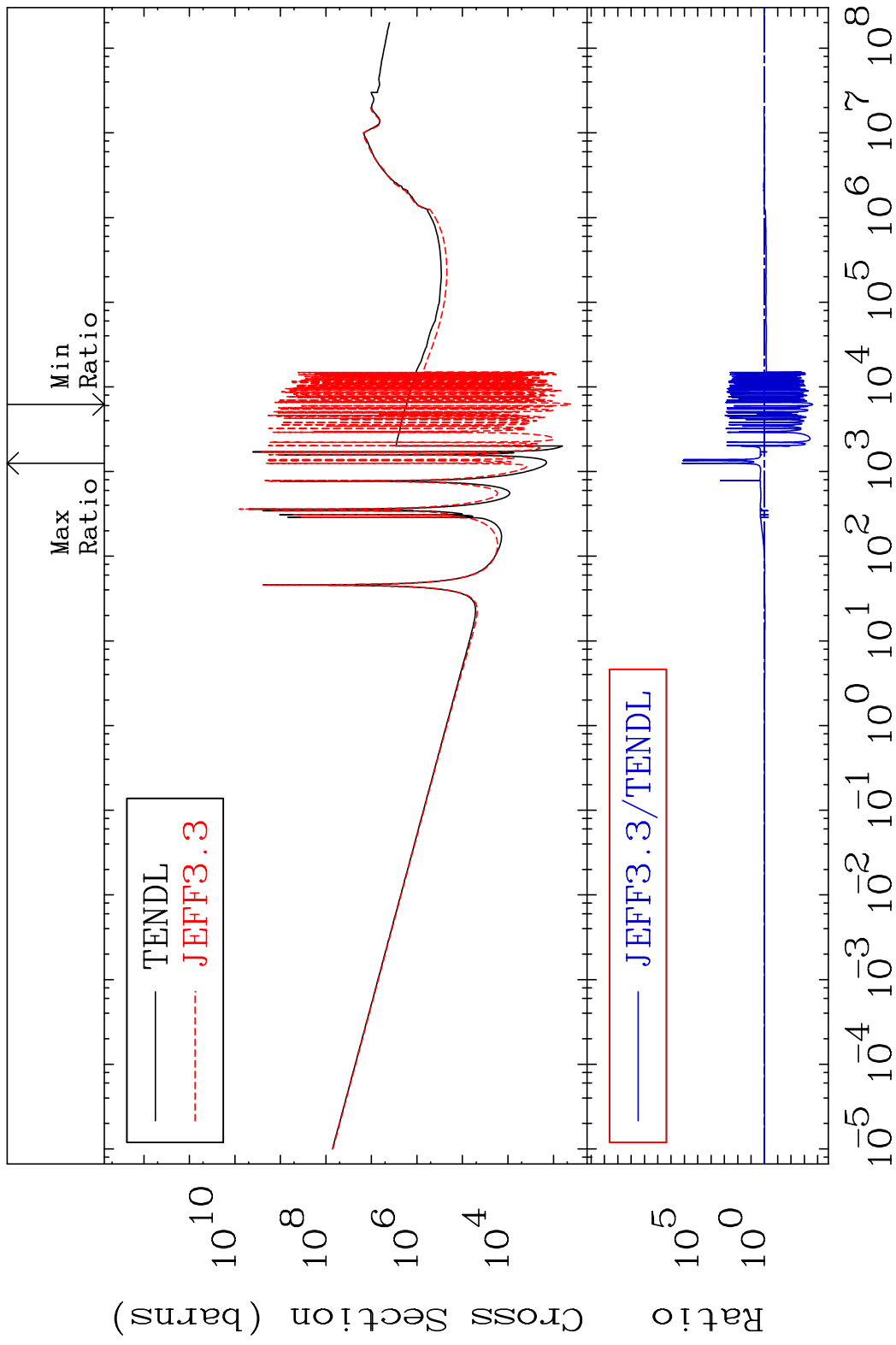


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Incident Energy (eV) 50-Sn-118

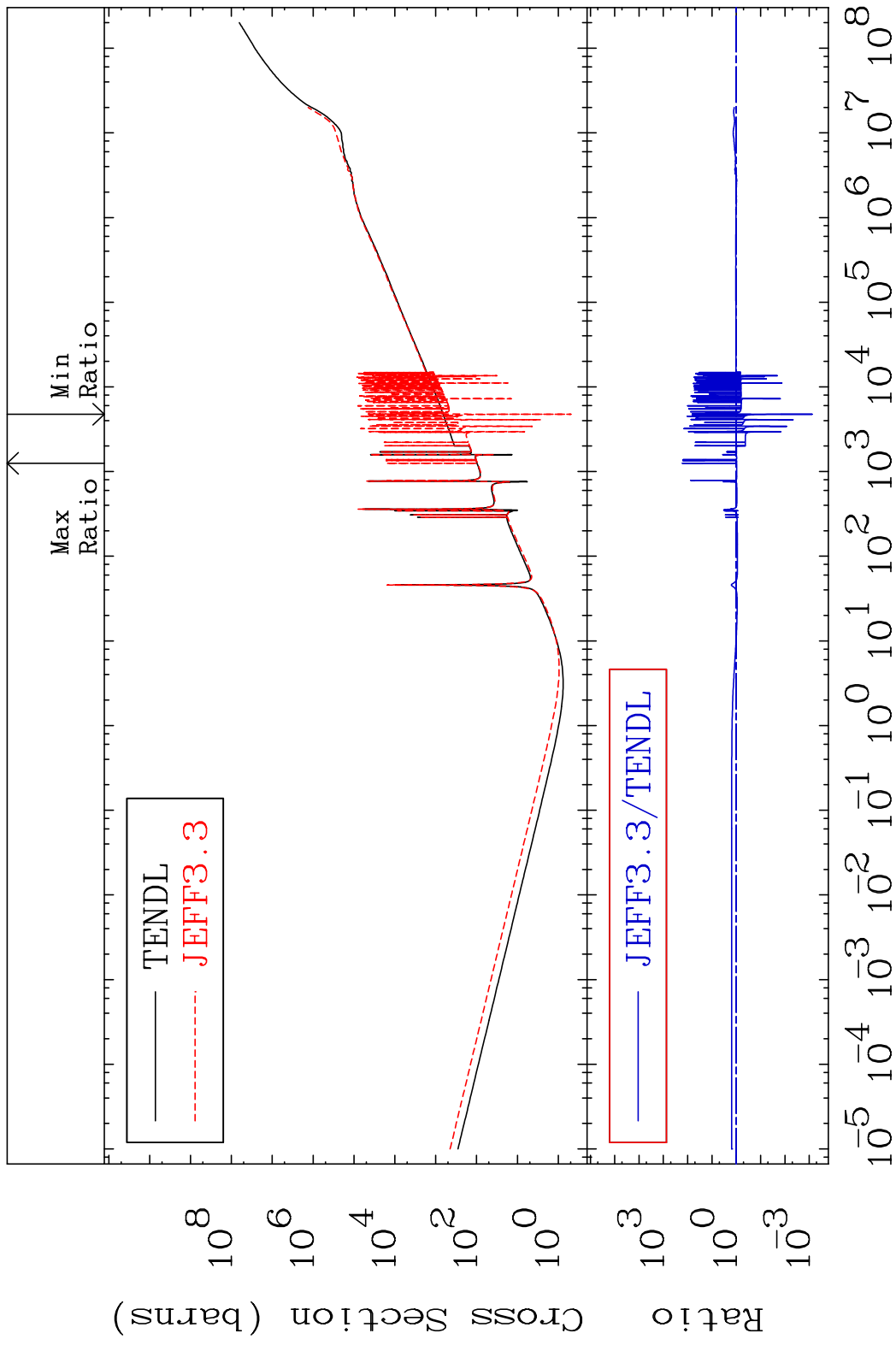


MAT 5043 Total photon (eV-barns) 50-Sn-118  
Cross Section -99.98 To 9999. %

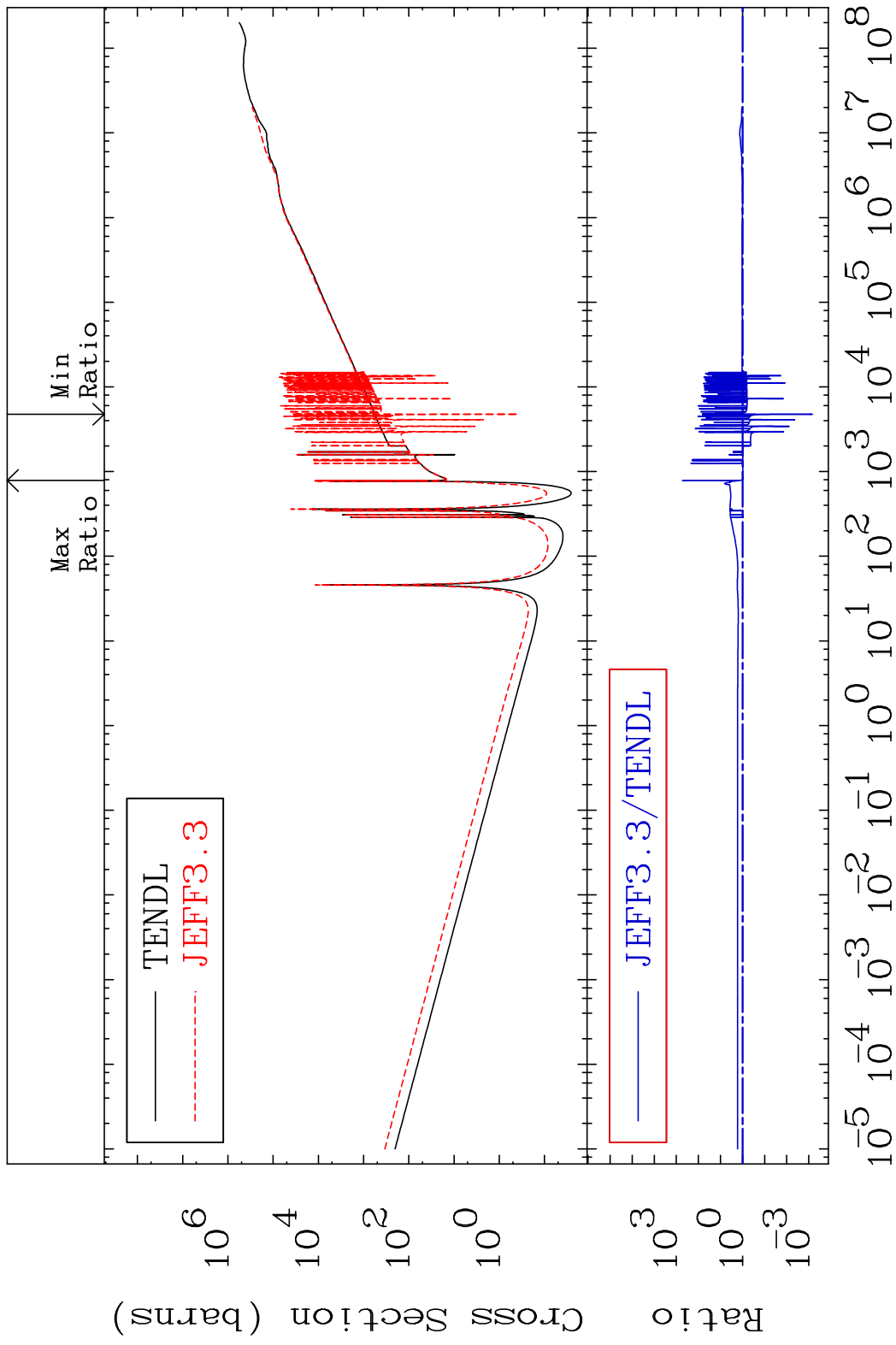


40 Incident Energy (eV) 50-Sn-118

MAT 5043 Total kinematic kerma (high limit) 50-Sn-118  
 Cross Section -99.93 To 9999. %



MAT 5043      Dpa total (eV-barns)      50-Sn-118  
 Cross Section      -99.93 To 9999. %



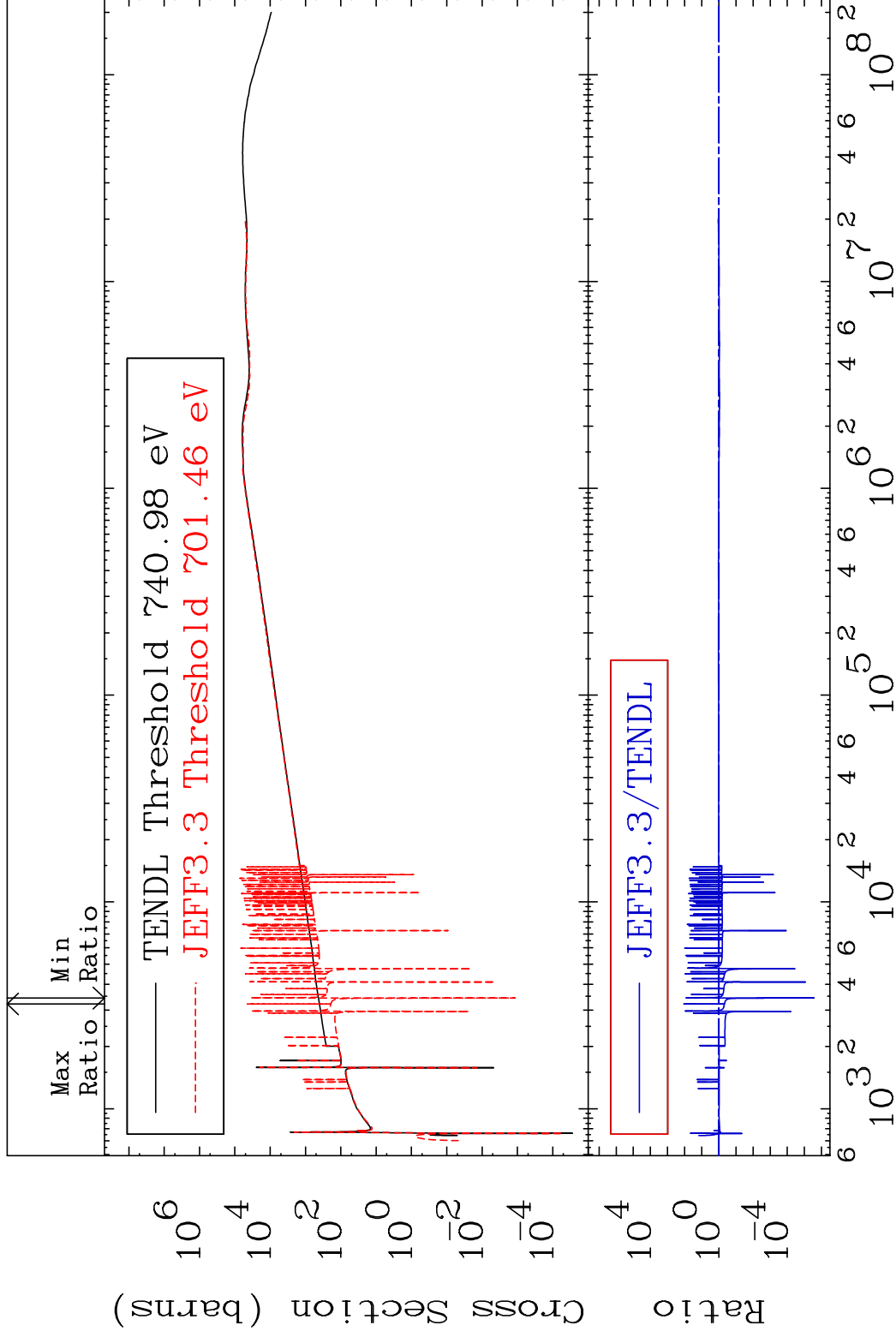
42      Incident Energy (eV)      50-Sn-118

MAT 5043

Dpa elastic (mt2)

50-Sn-118

Cross Section -100.0 To 9999. %

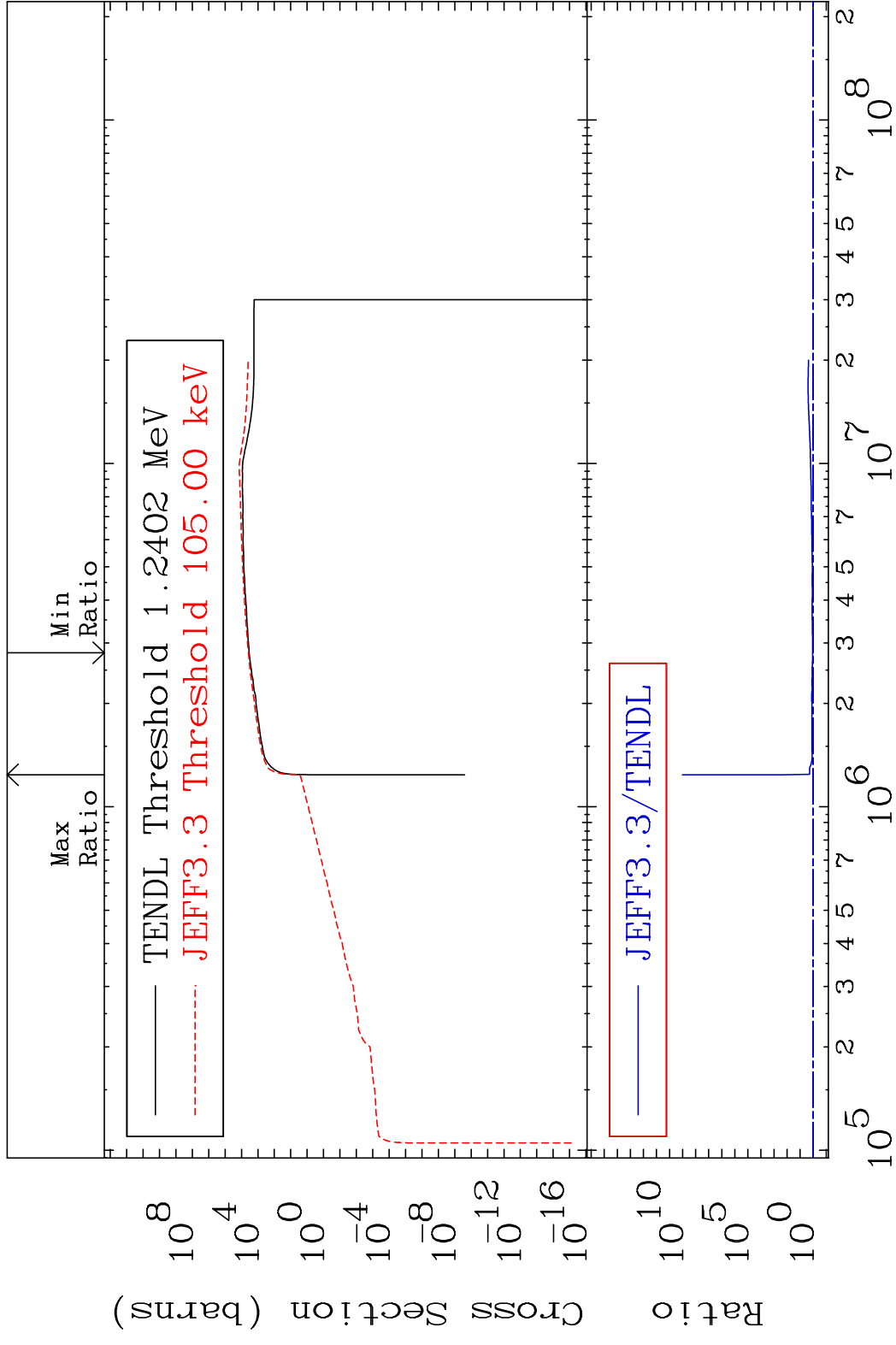


43

Incident Energy (eV)

50-Sn-118

MAT 5043 Dpa inelastic (mt51-91) 50-Sn-118  
 Cross Section 11.18 To 9999. %



44 Incident Energy (eV) 50-Sn-118

MAT 5043 Dpa disappearance (mt102 -120) 50-Sn-118  
Cross Section -99.94 To 9999. %

