

Program Complot  
(Version 2021-1)

by

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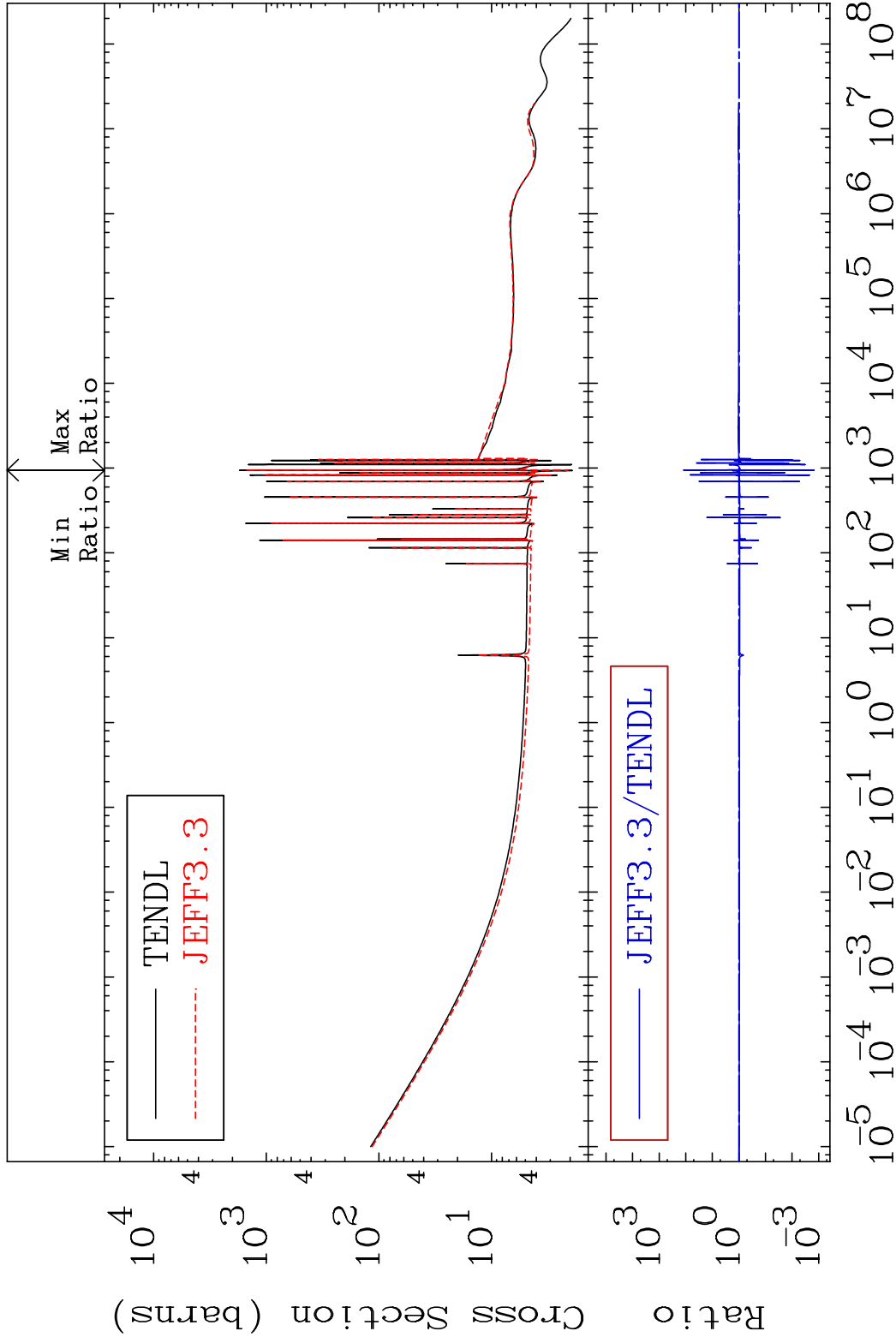
Press Mouse Button to Start

MAT 5046

Total

50-Sn-119

Cross Section -99.85 To 9999. %



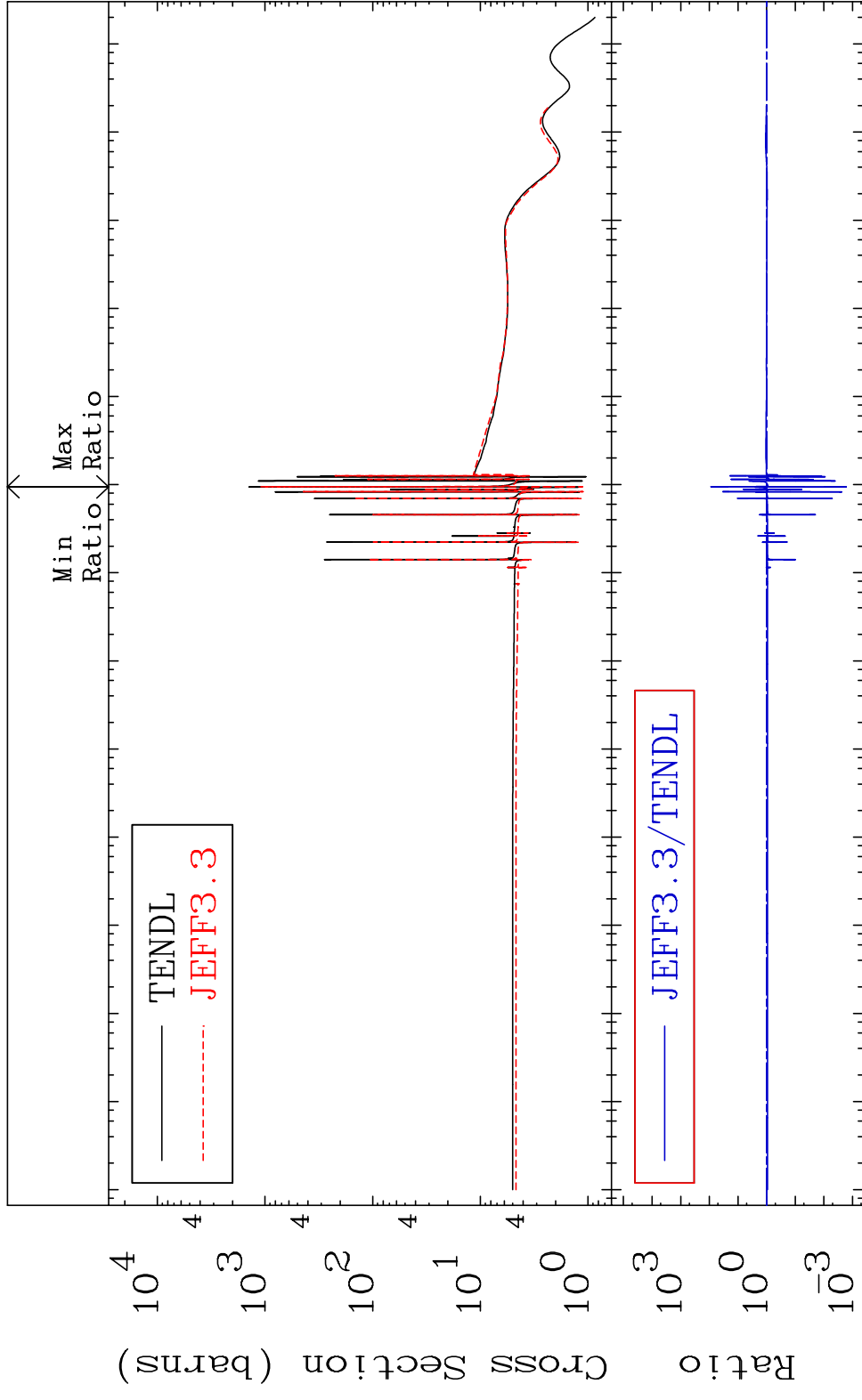
1

Incident Energy (eV)

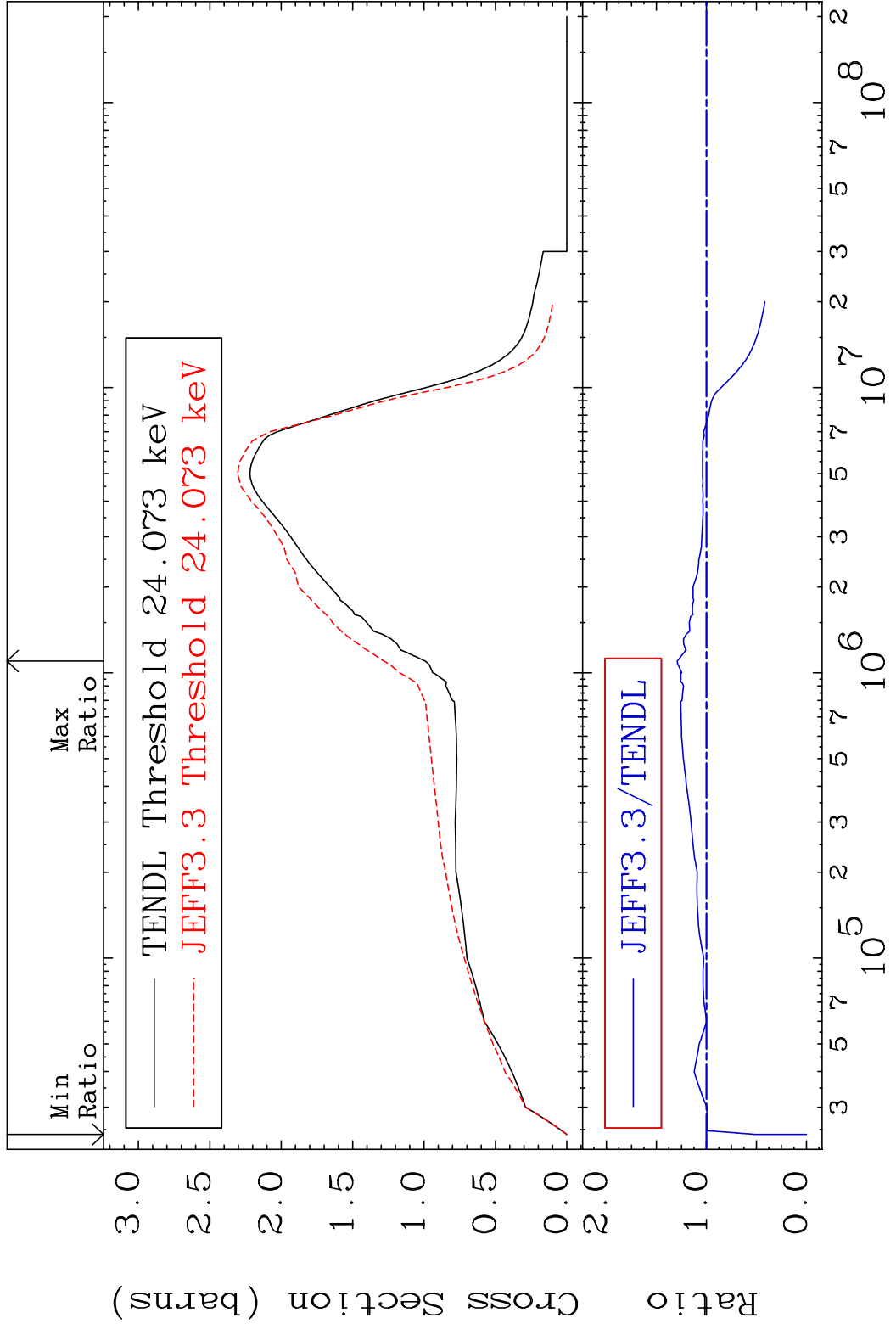
50-Sn-119

MAT 5046

Elastic Cross Section -99.84 To 8870. %  
50-Sn-119

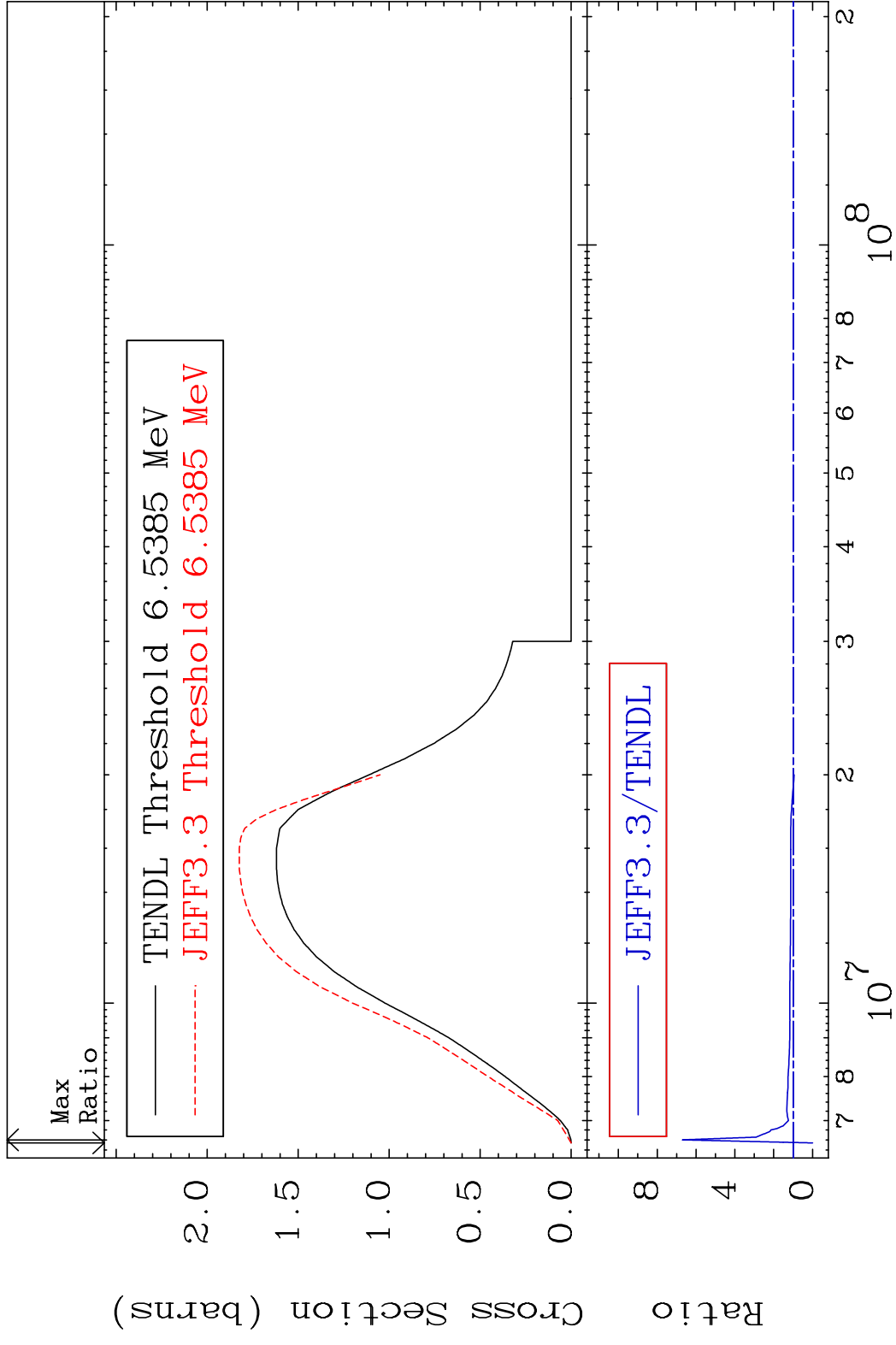


MAT 5046 Inelastic Cross Section -100.0 To 29.24 % 50-Sn-119



3 3 Incident Energy (eV) 50-Sn-119

MAT 5046 (n,2n) 50-Sn-119  
 Cross Section -100.0 To 570.5 %



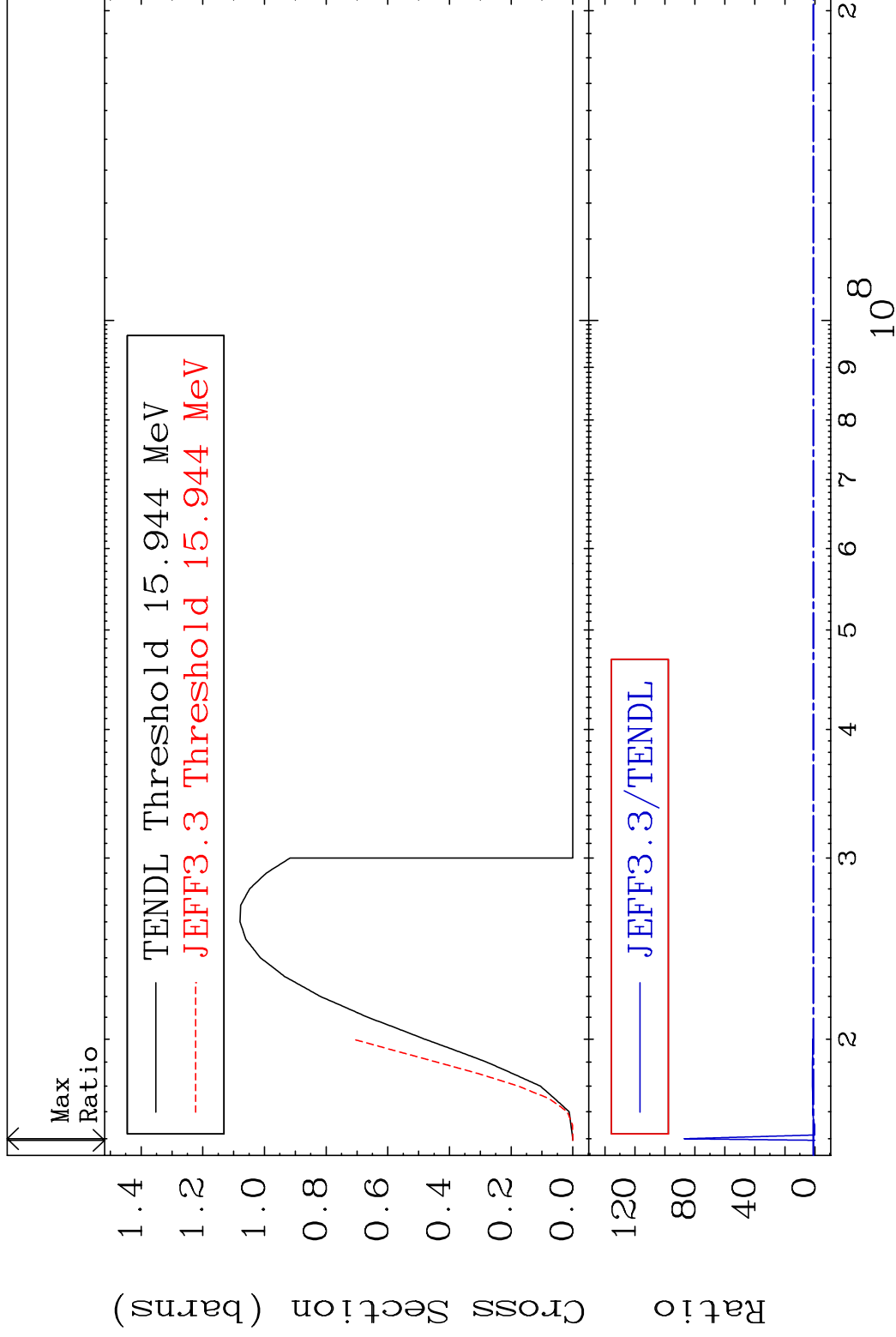
4 Incident Energy (eV) 50-Sn-119

MAT 5046

(n,3n)

50-Sn-119

Cross Section -100.0 To 8606. %

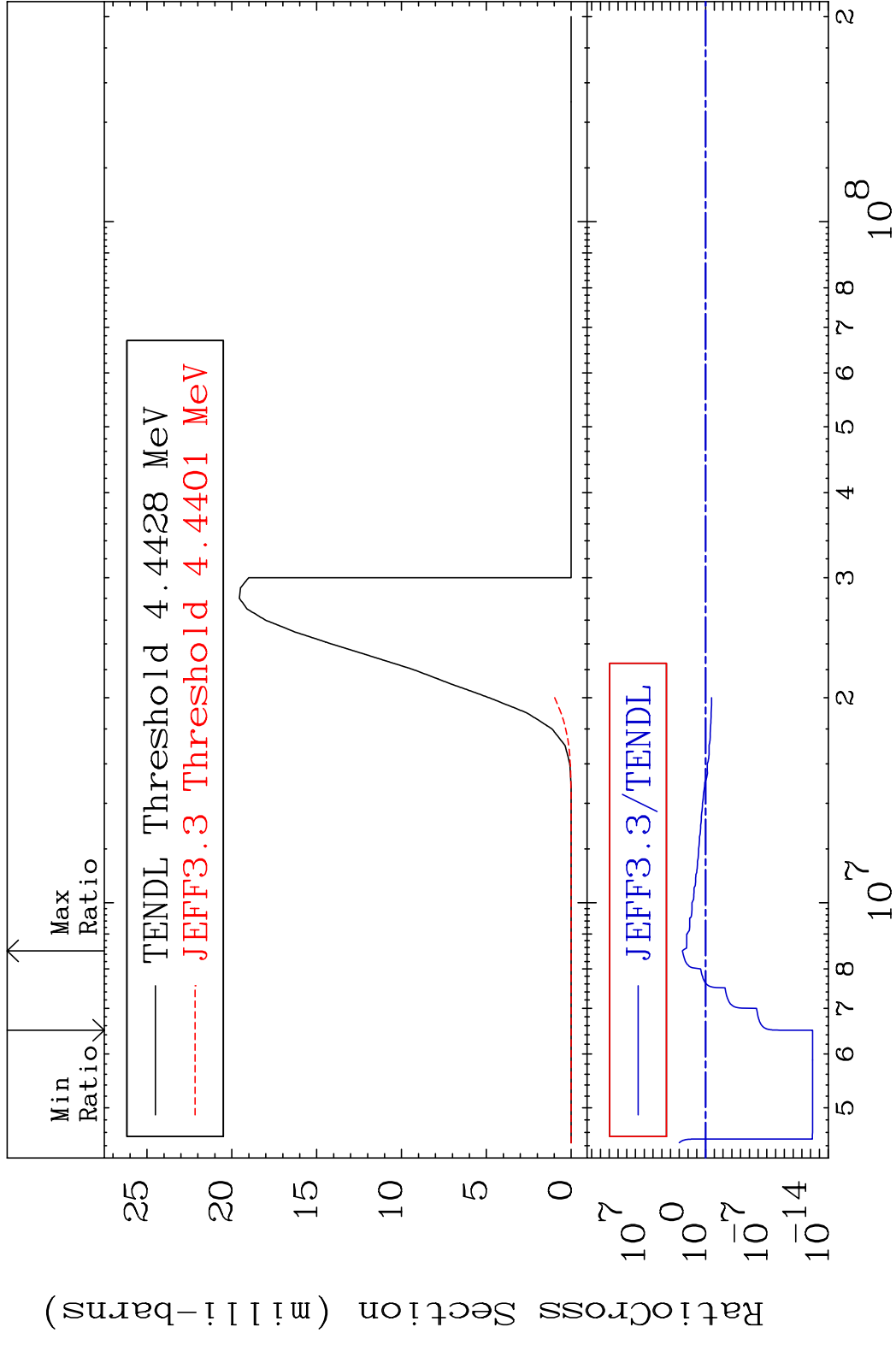


5

Incident Energy (eV)

50-Sn-119

MAT 5046 (n, n')  $\alpha$  50-Sn-119  
 Cross Section -100.0 To 9999. %

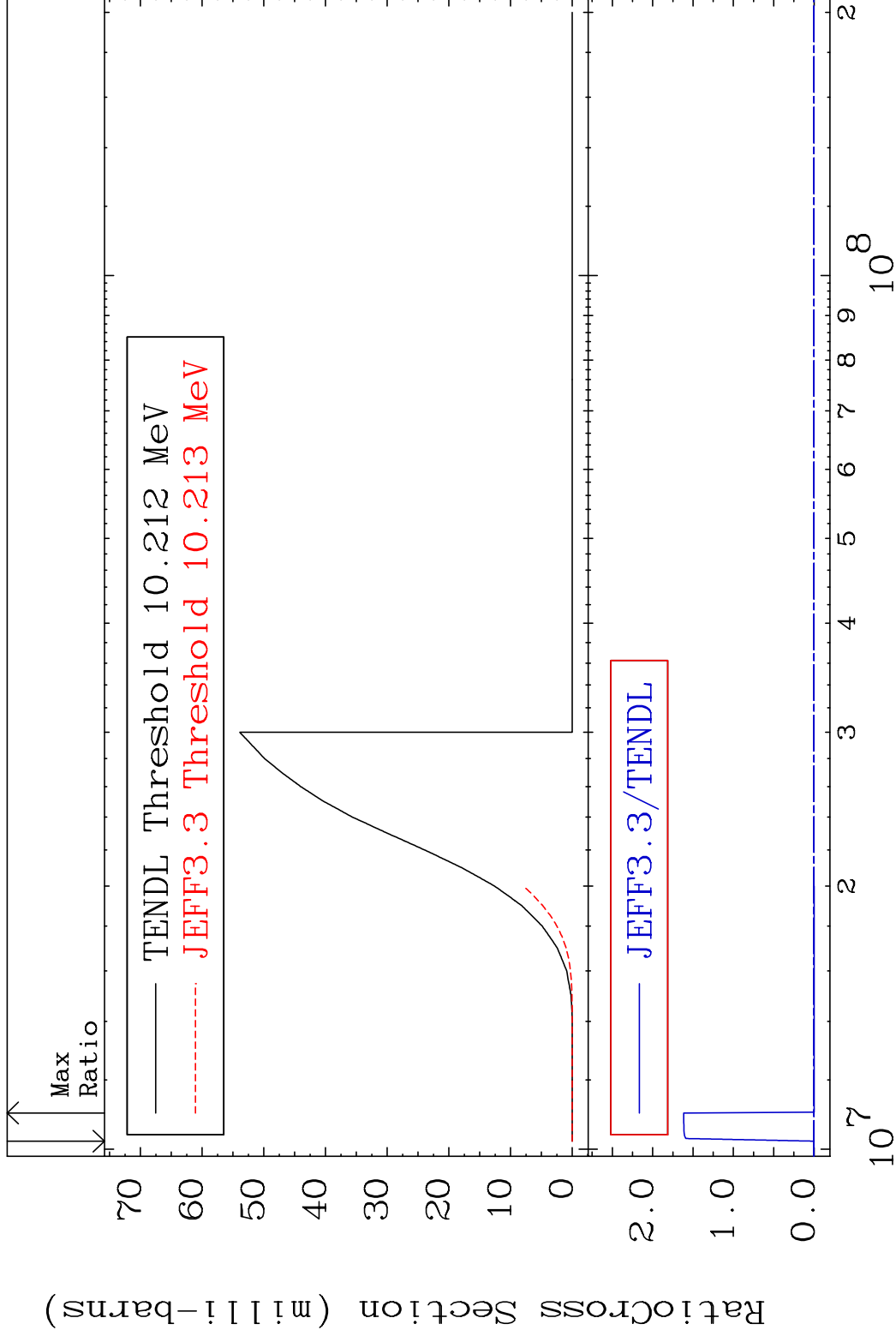


MAT 5046

(n, n') p

50-Sn-119

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

50-Sn-119

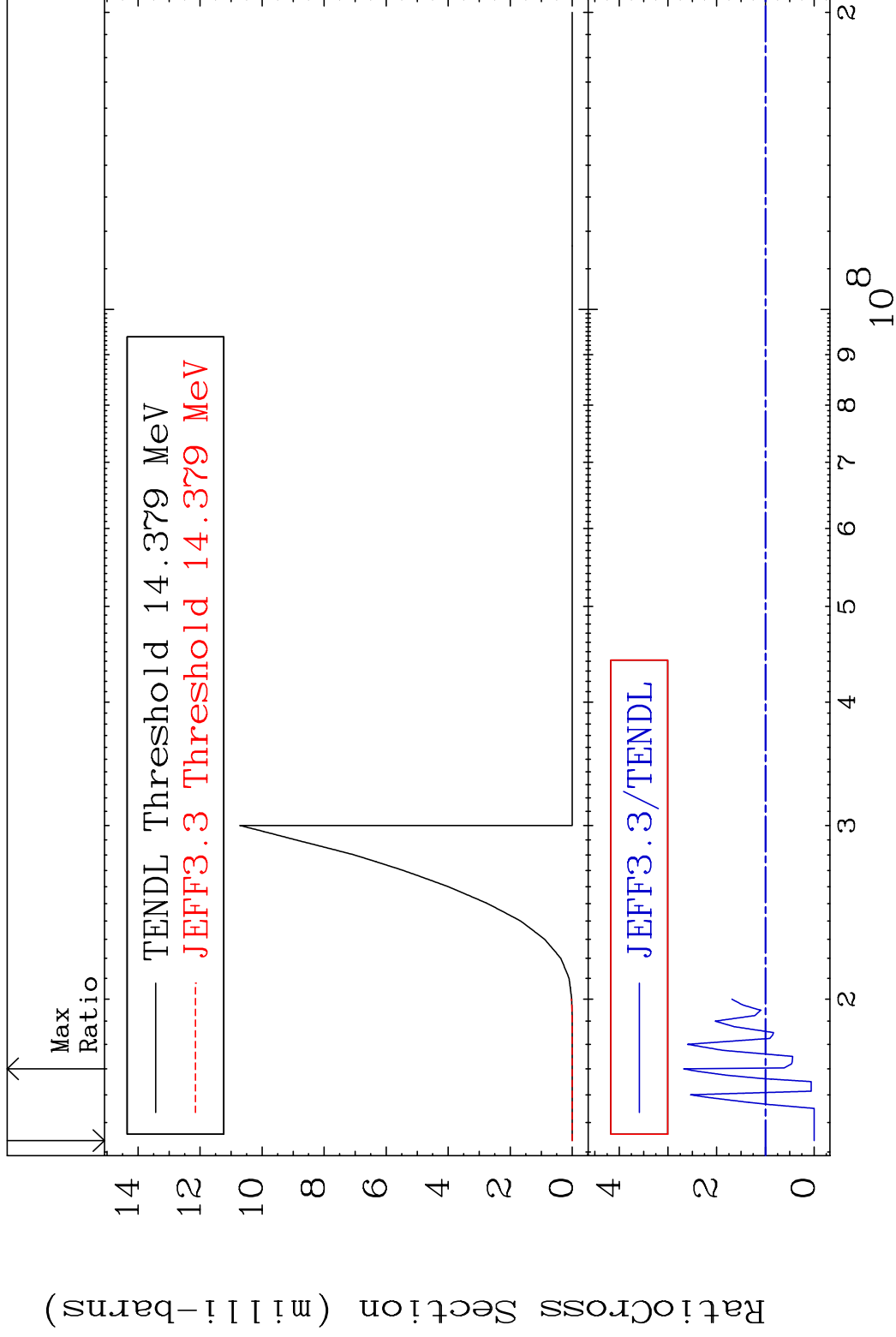


MAT 5046

(n, n') d

50-Sn-119

Cross Section -100.0 To 167.8 %

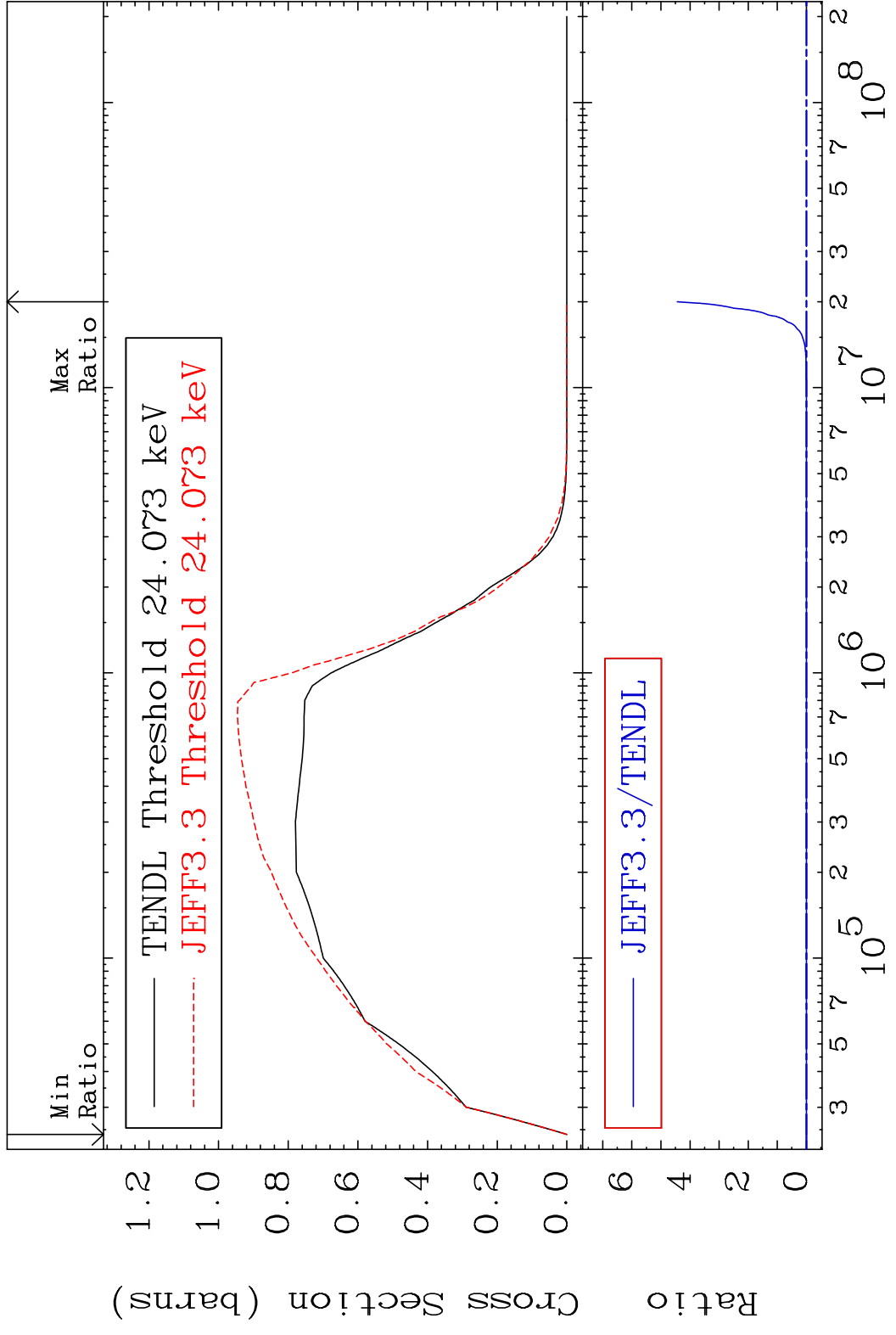


8

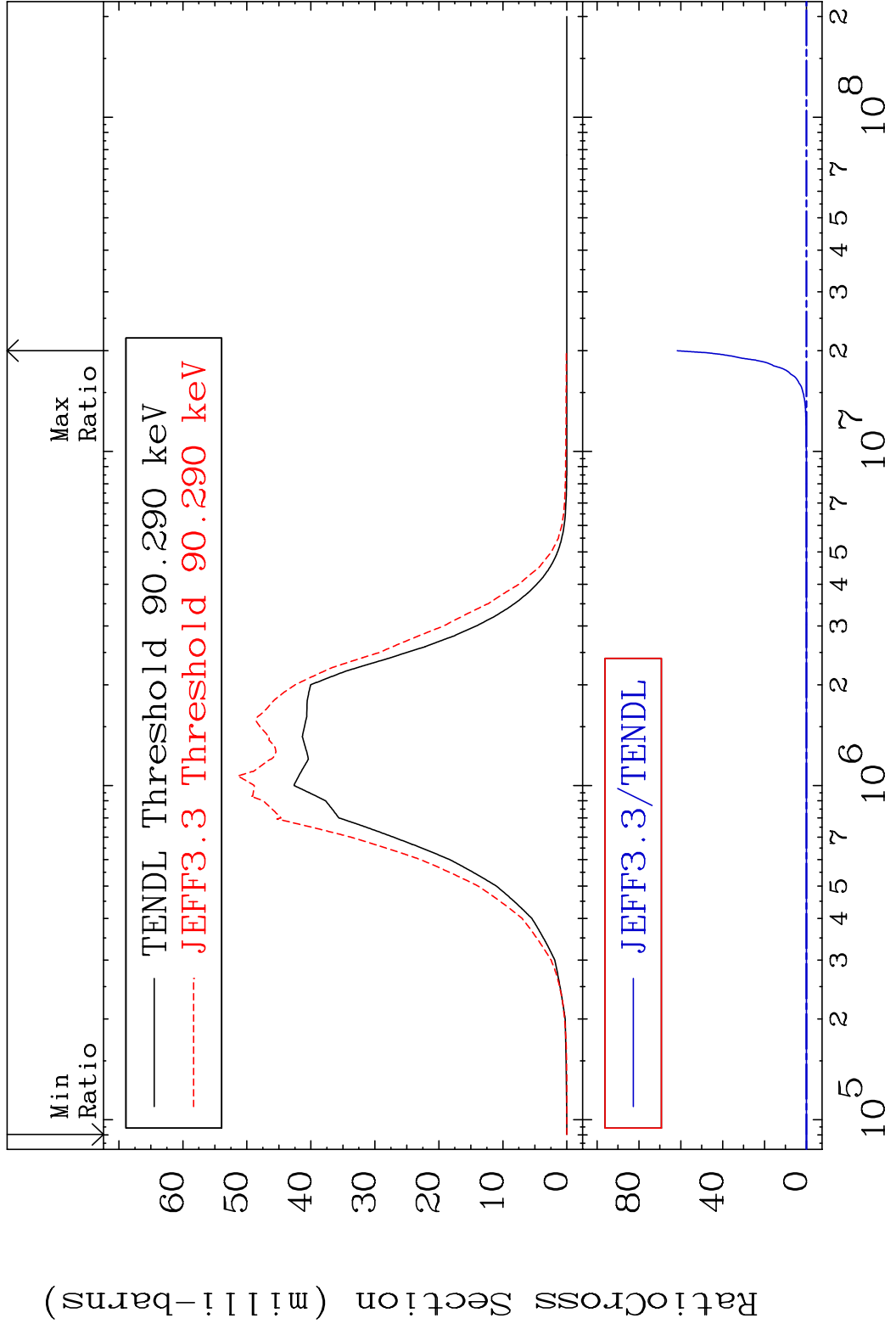
Incident Energy (eV)

50-Sn-119

MAT 5046 MT= 51 (n,n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %

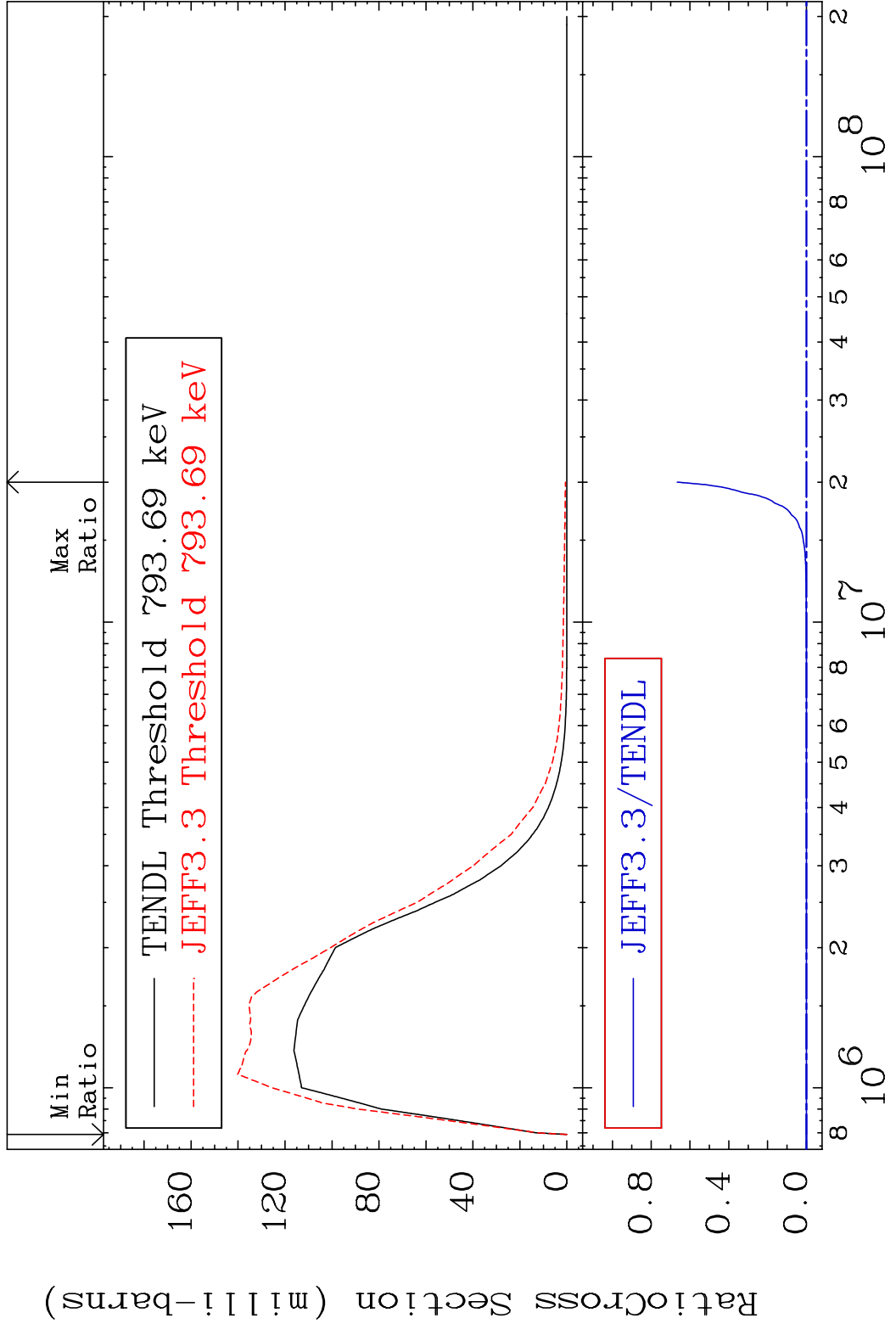


MAT 5046 MT= 52 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



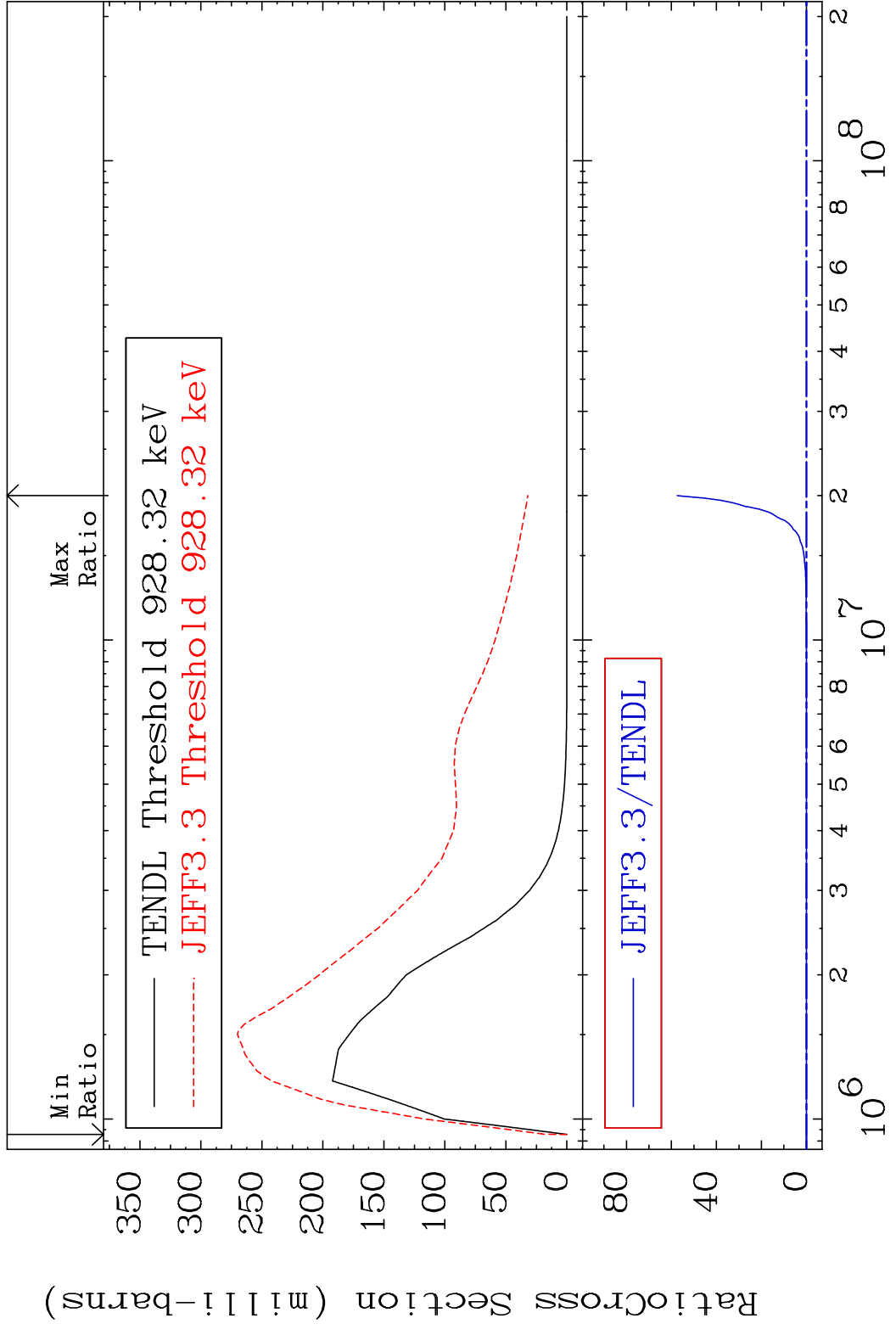
10 2 3 4 5 7 10 2 3 4 5 7 8 2 50-Sn-119

MAT 5046 MT= 53 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



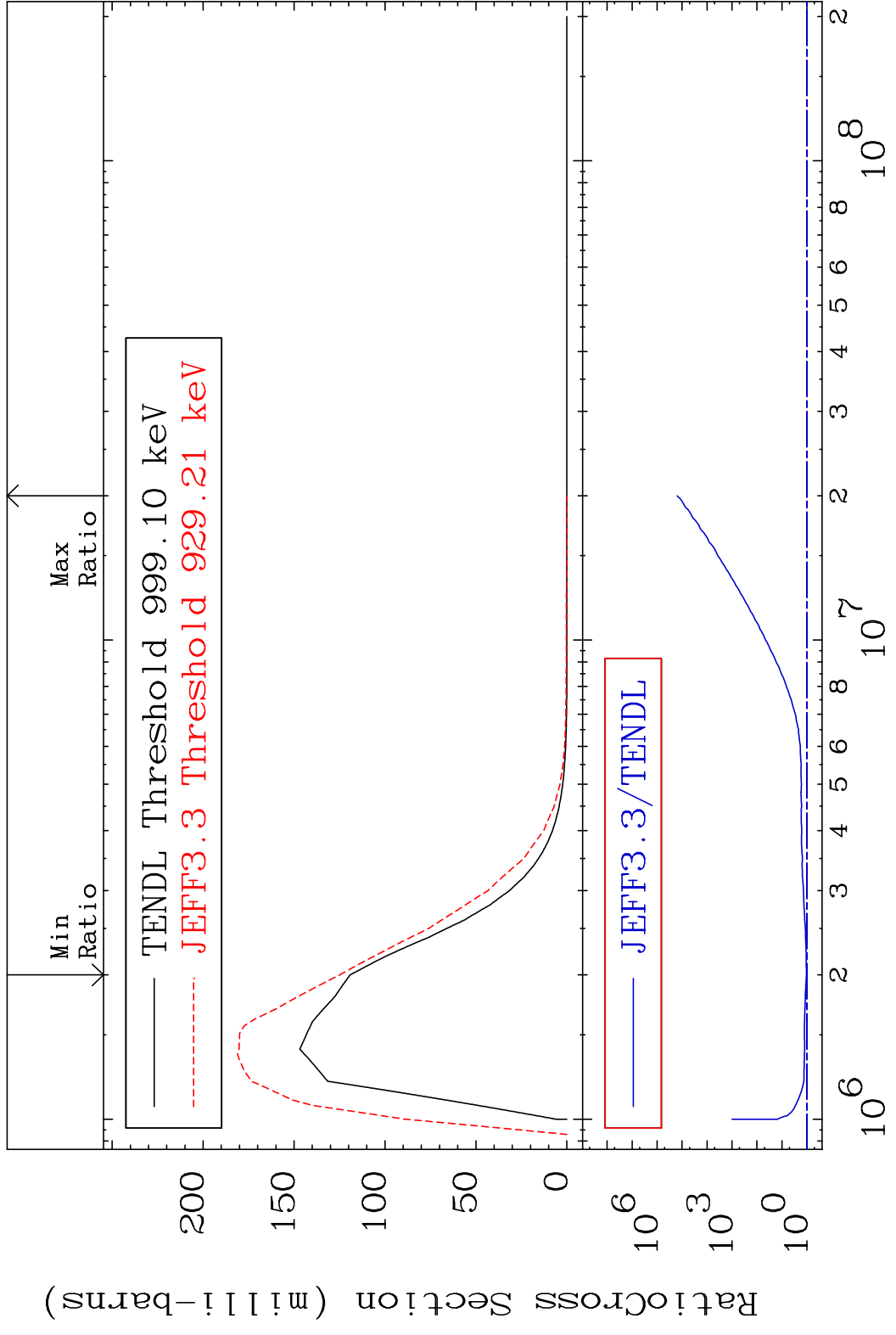
11 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 54 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



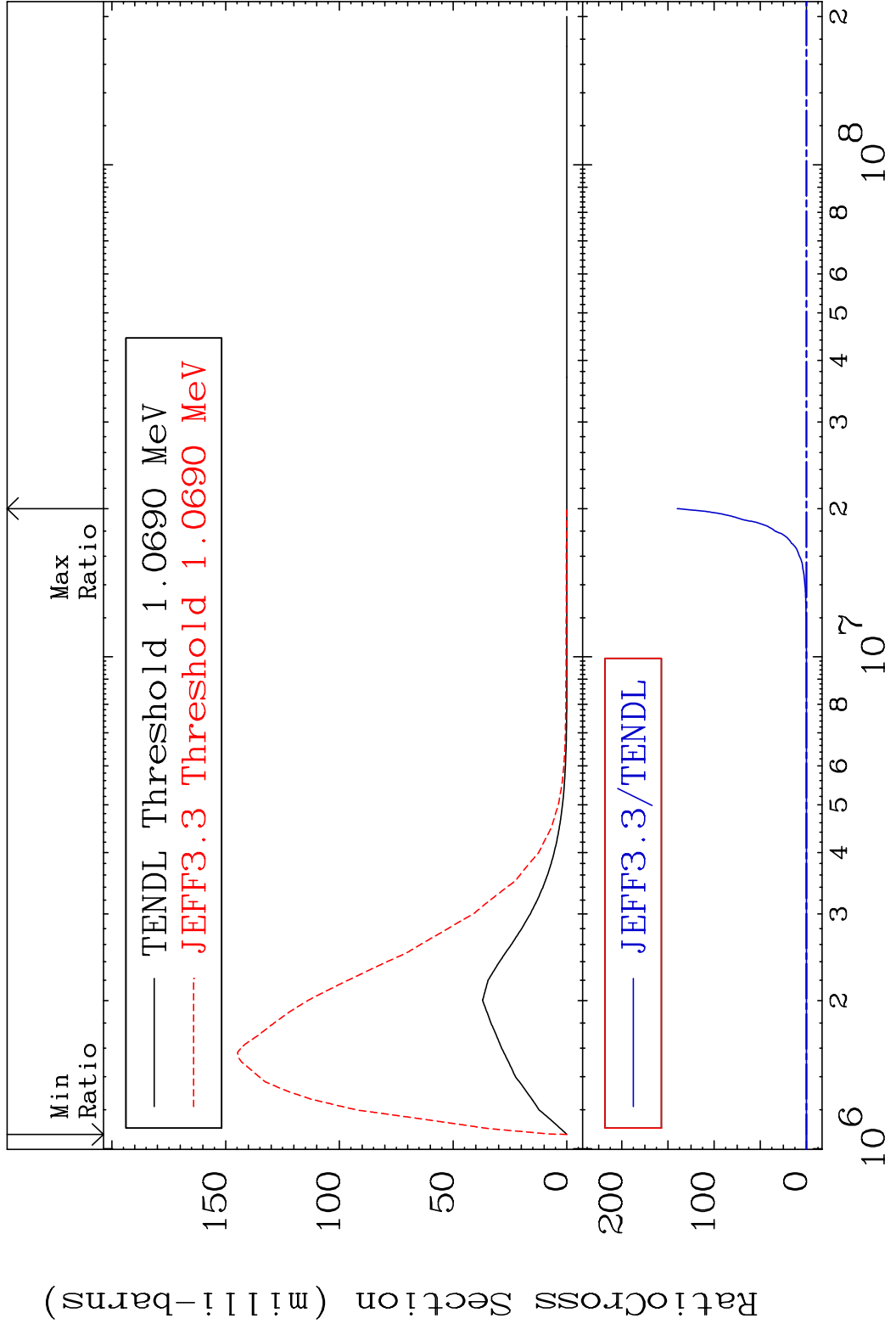
12 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 55 (n, n') Level 50-Sn-119  
 Cross Section 4.775 To 9999. %



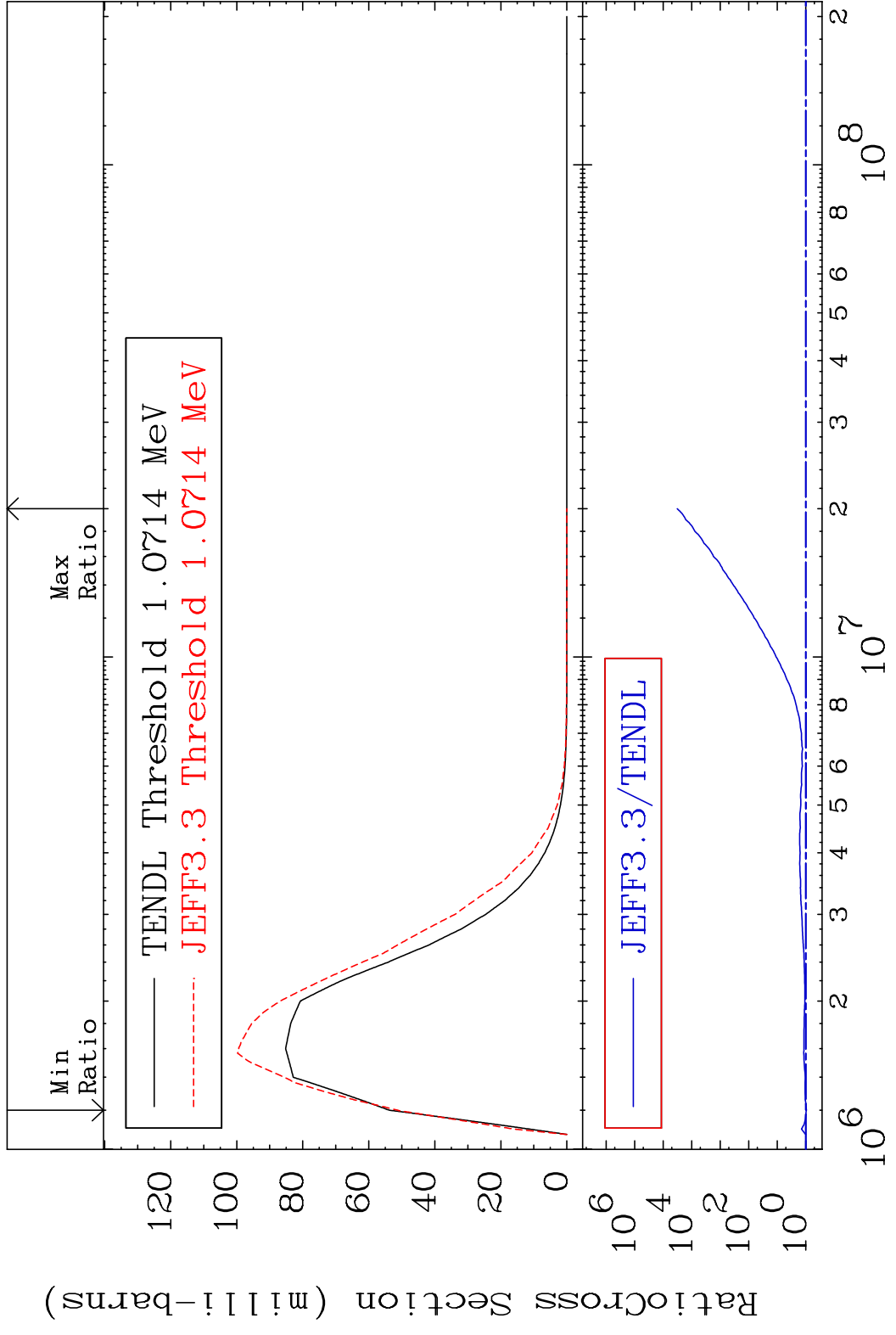
13 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 56 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



14 Incident Energy (eV) 50-Sn-119

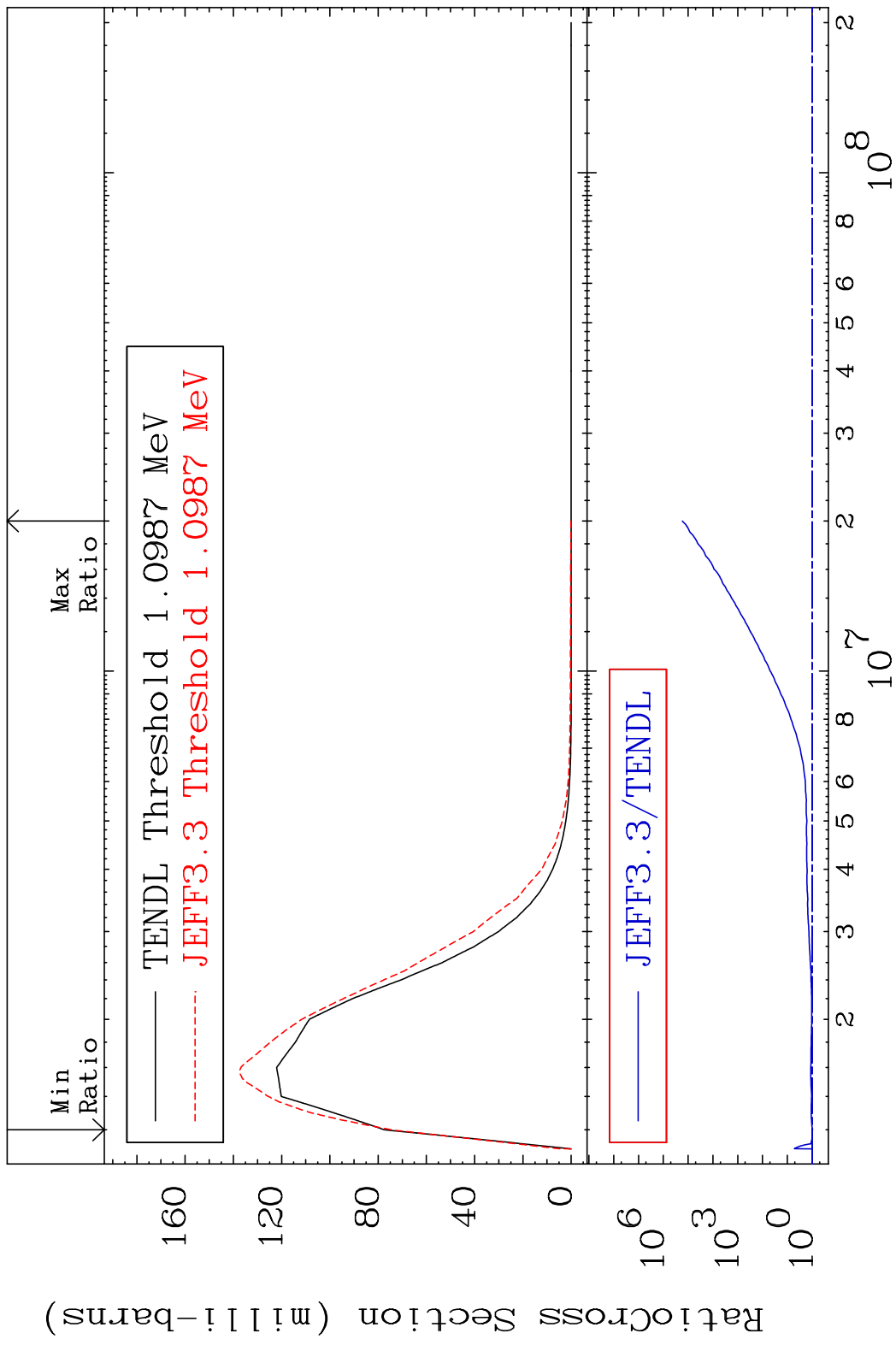
MAT 5046 MT= 57 (n, n') Level 50-Sn-119  
 Cross Section -4.856 To 9999. %



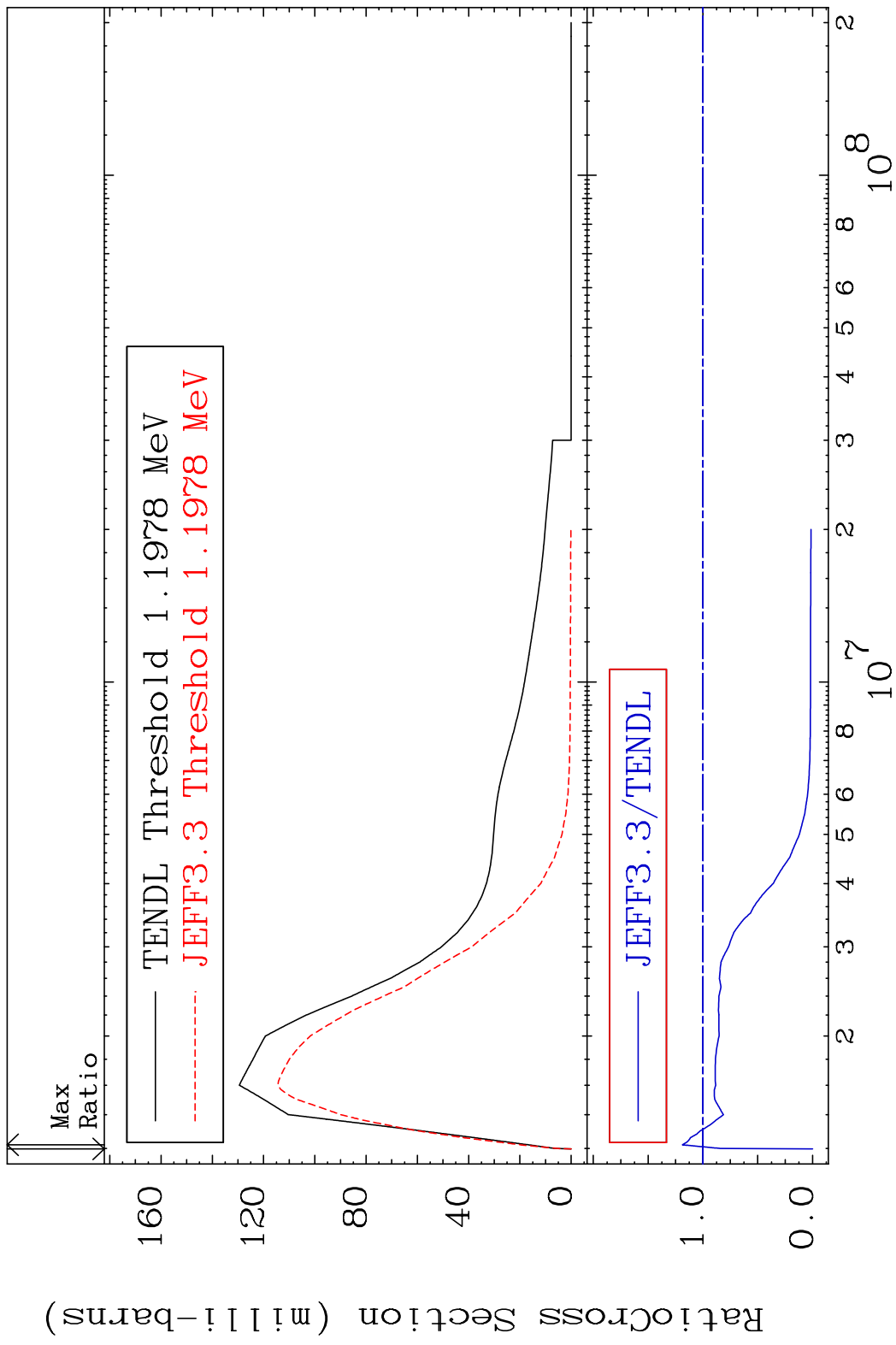
15 Incident Energy (eV) 50-Sn-119



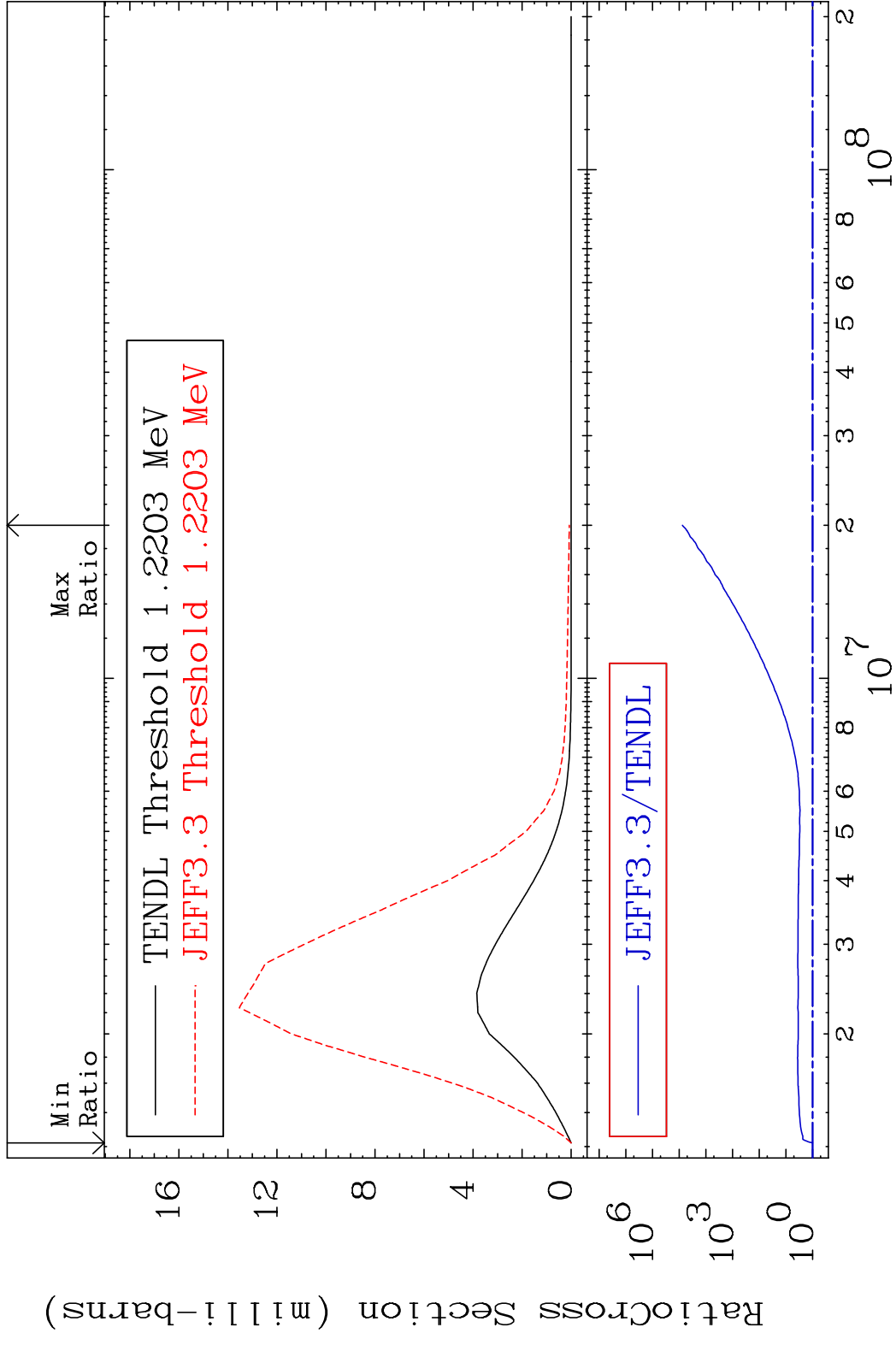
MAT 5046 MT= 58 (n, n') Level 50-Sn-119  
 Cross Section -4.016 To 9999. %



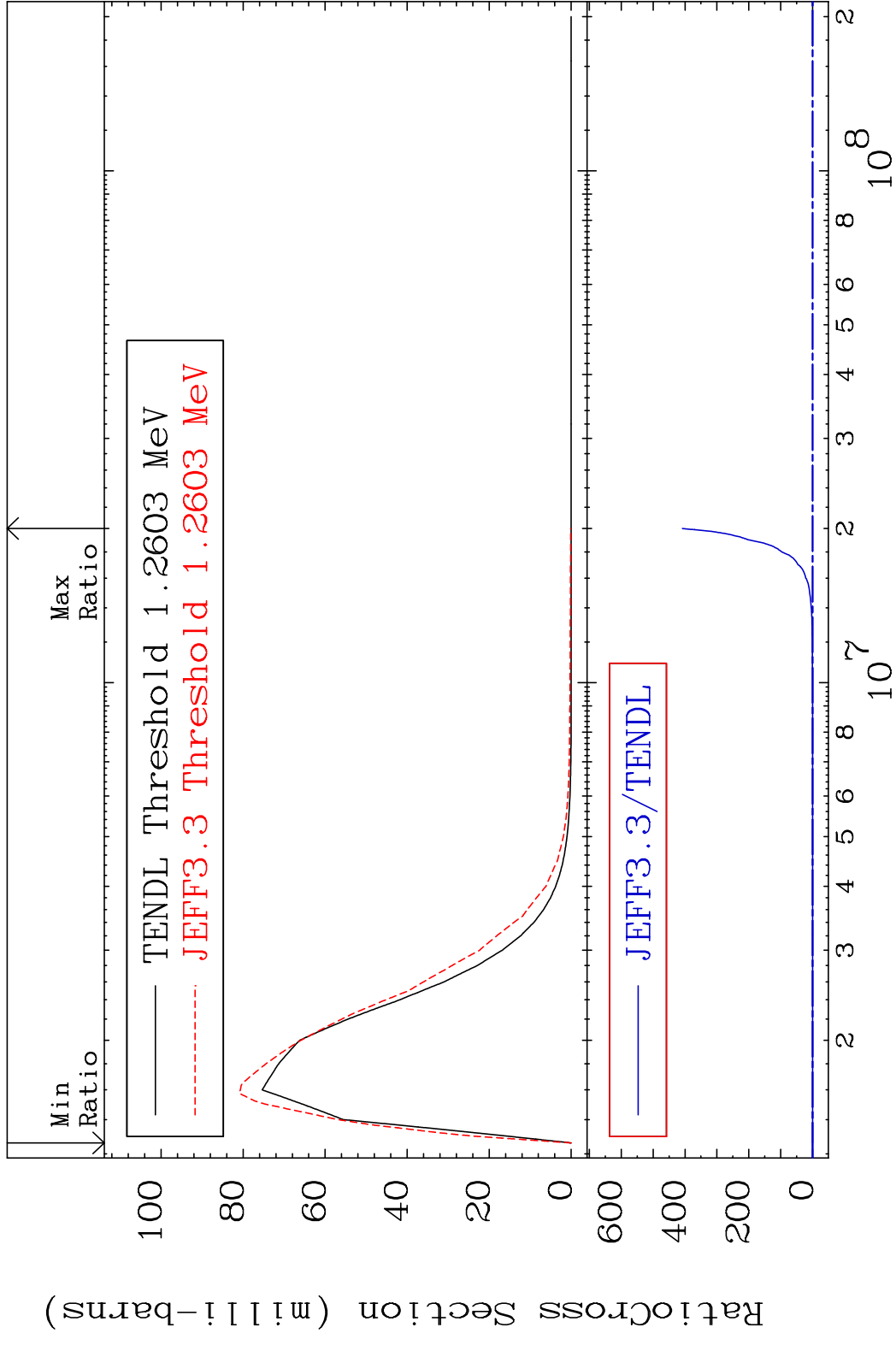
MAT 5046 MT= 59 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 18.78 %



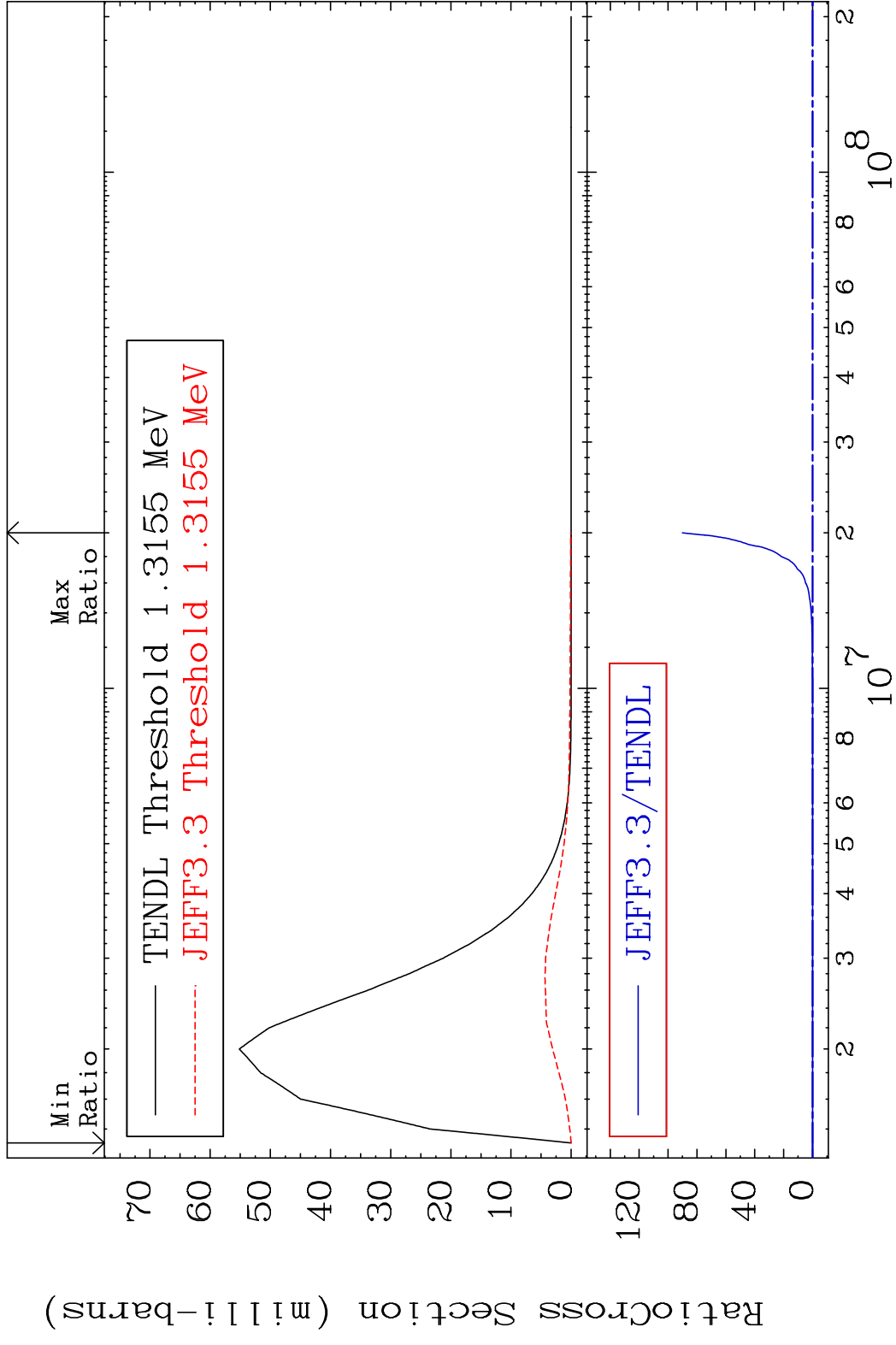
MAT 5046 MT= 60 (n, n') Level 50-Sn-119  
 Cross Section 0.000 To 9999. %



MAT 5046 MT= 61 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %

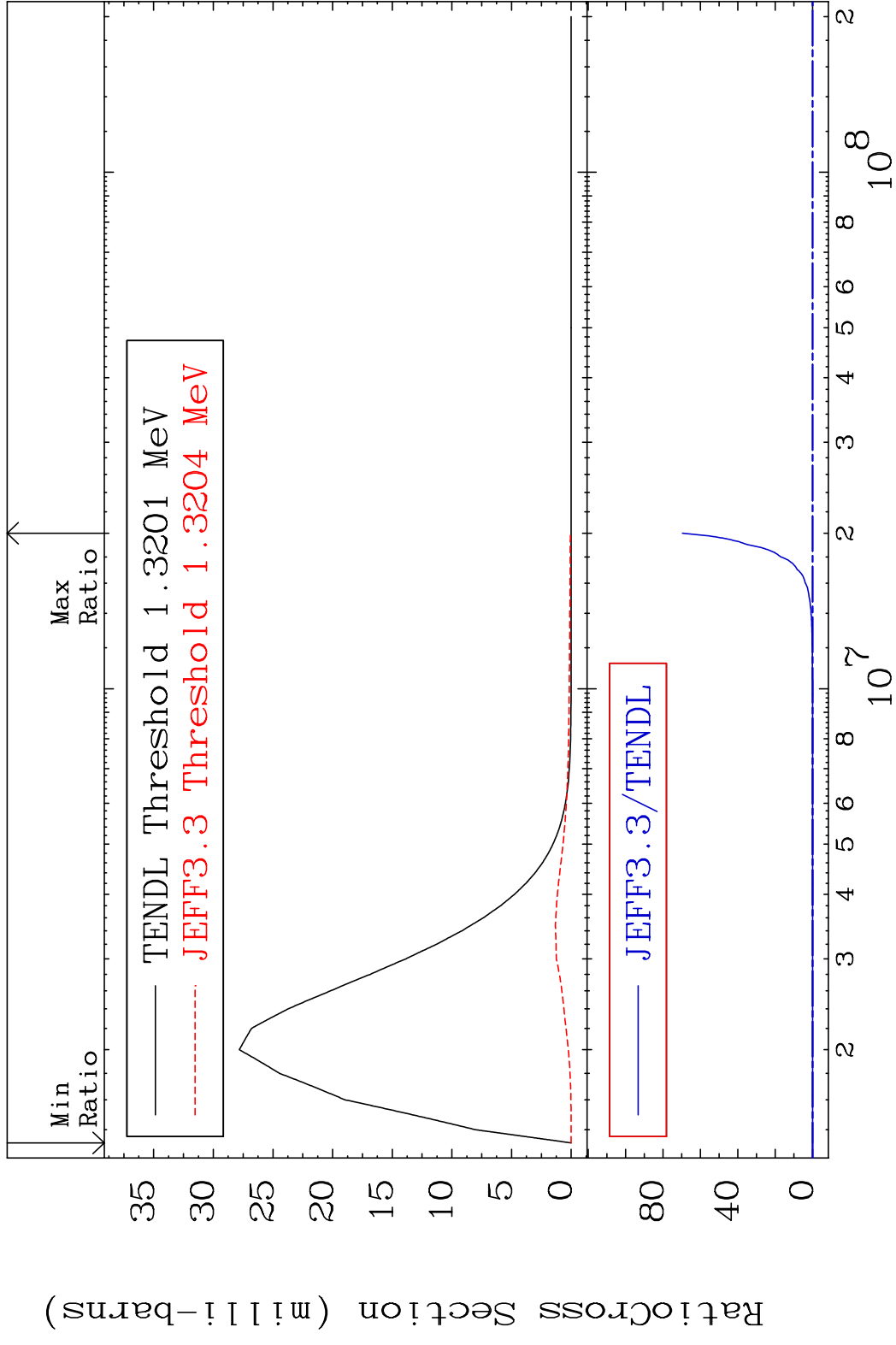


MAT 5046 MT= 62 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %

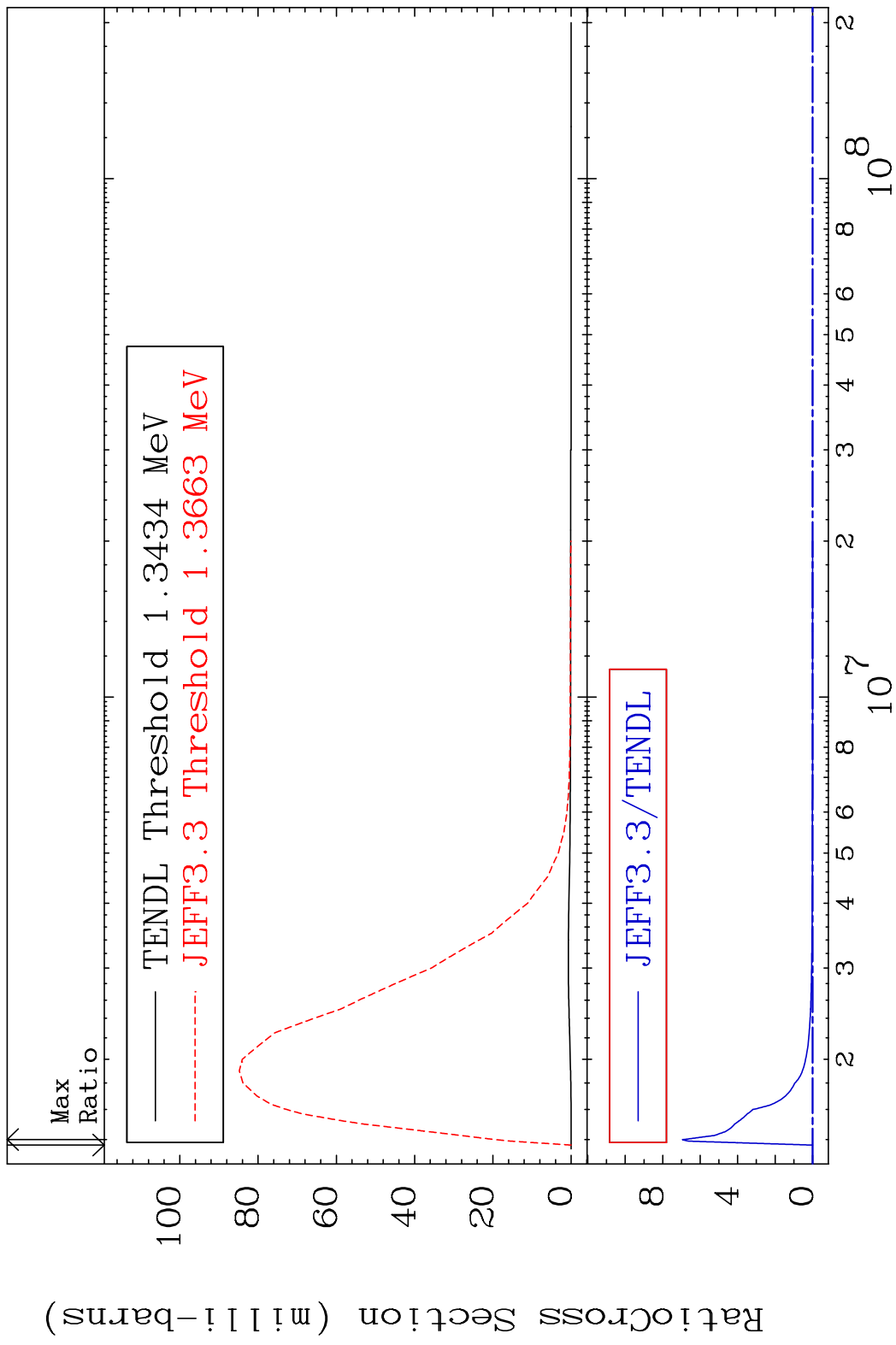


20 Incident Energy (eV) 50-Sn-119

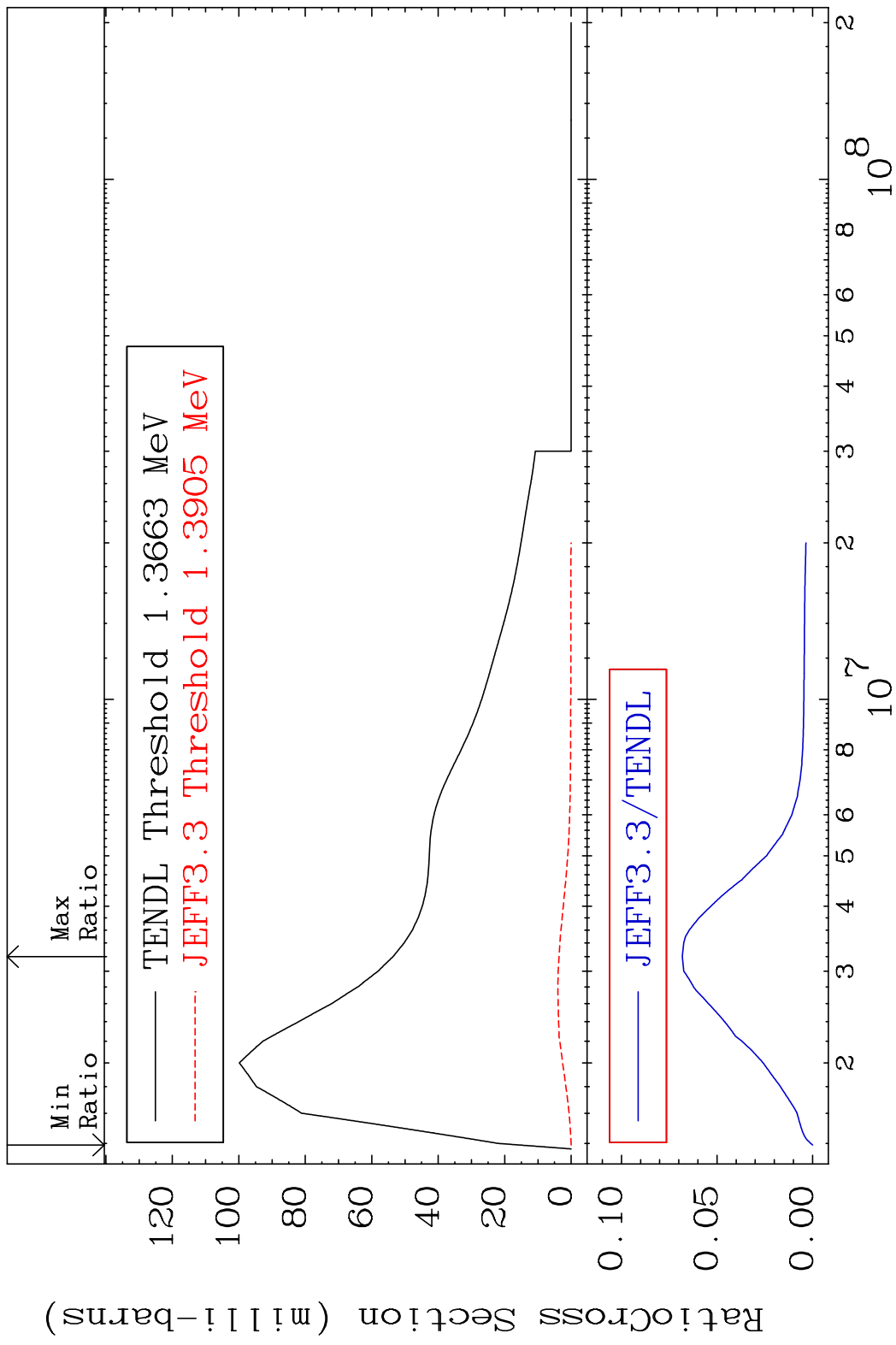
MAT 5046 MT= 63 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



MAT 5046 MT= 64 (n,n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %

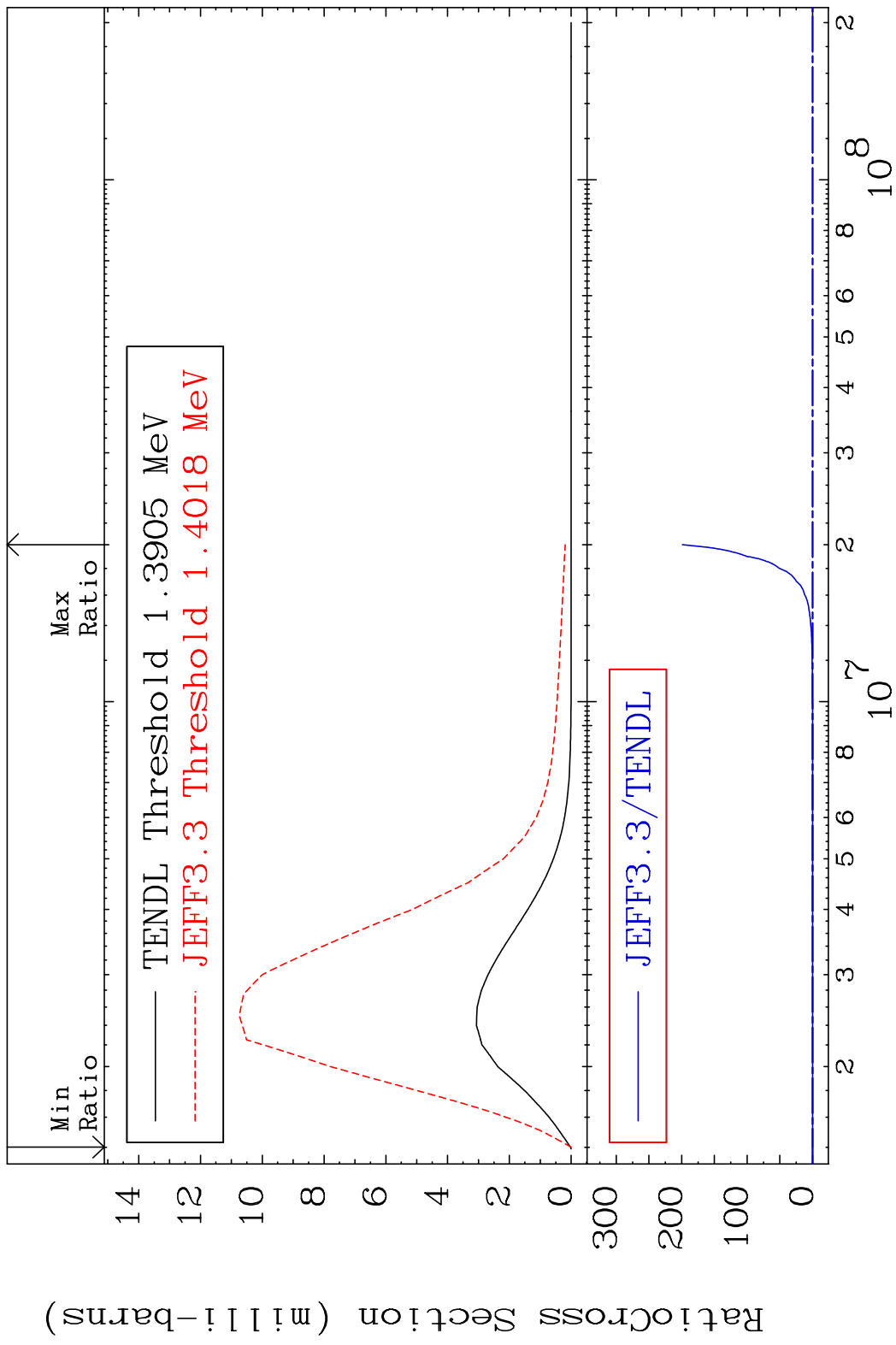


MAT 5046 MT= 65 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To -93.19%

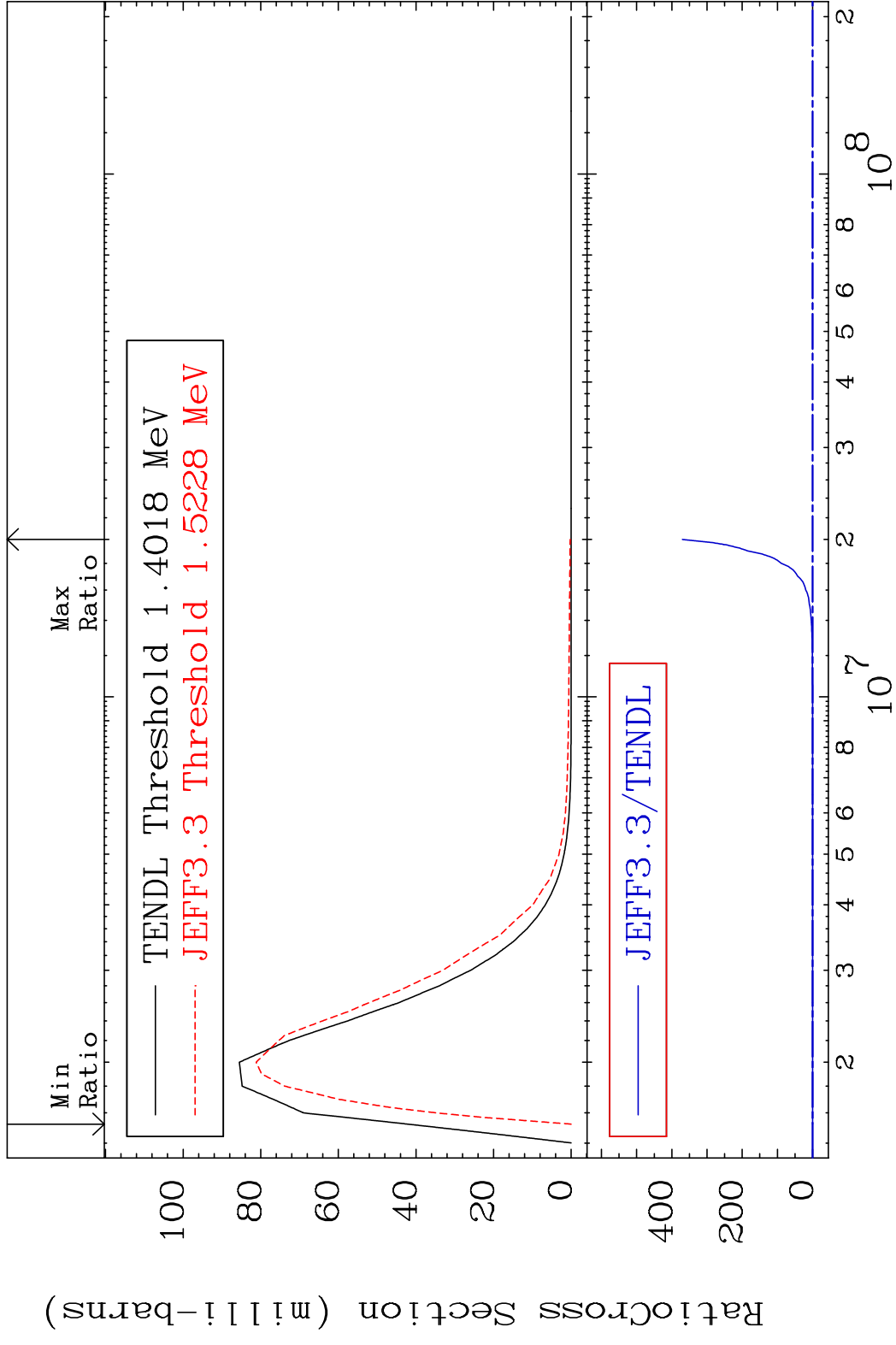




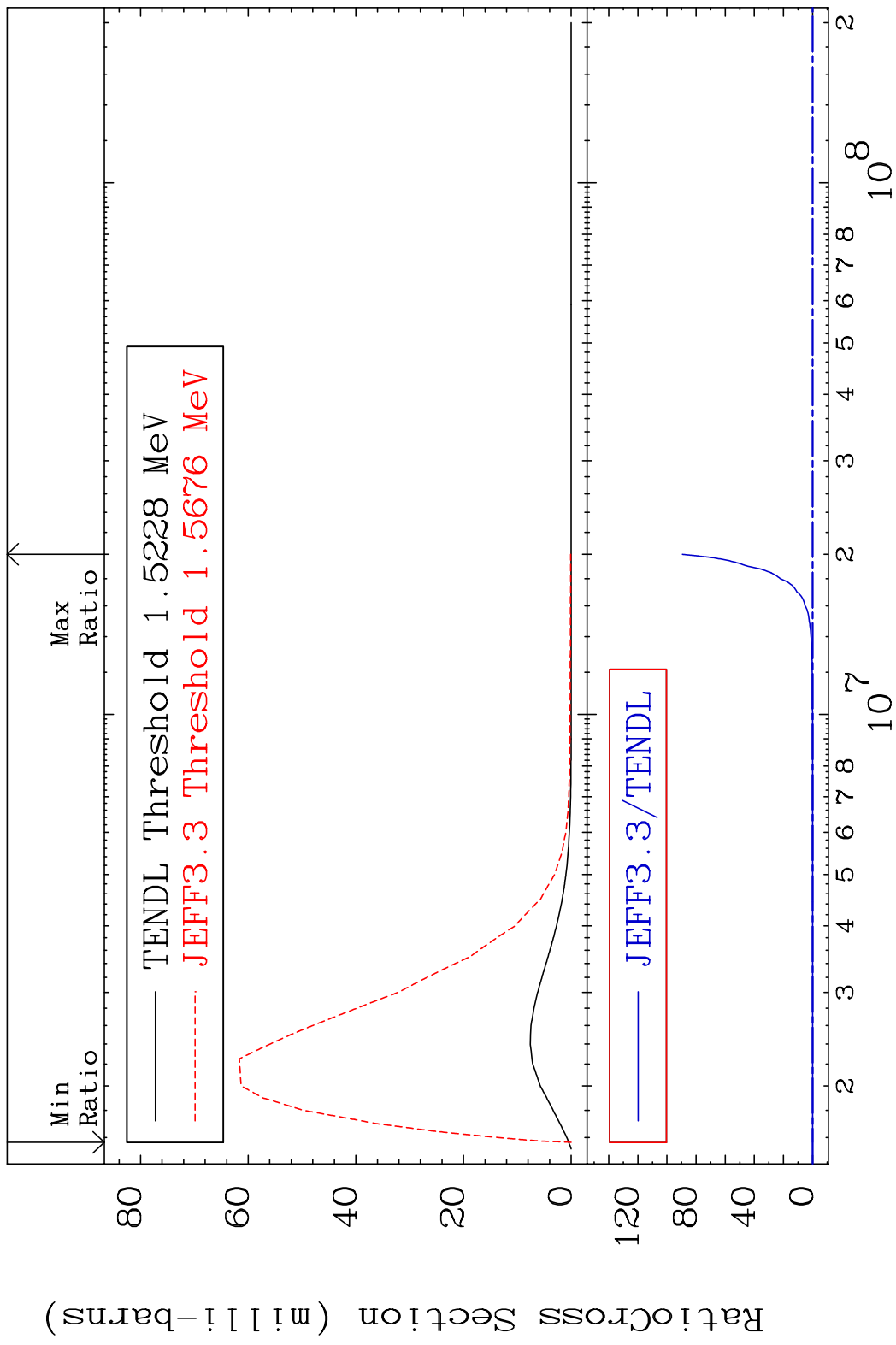
MAT 5046 MT= 66 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



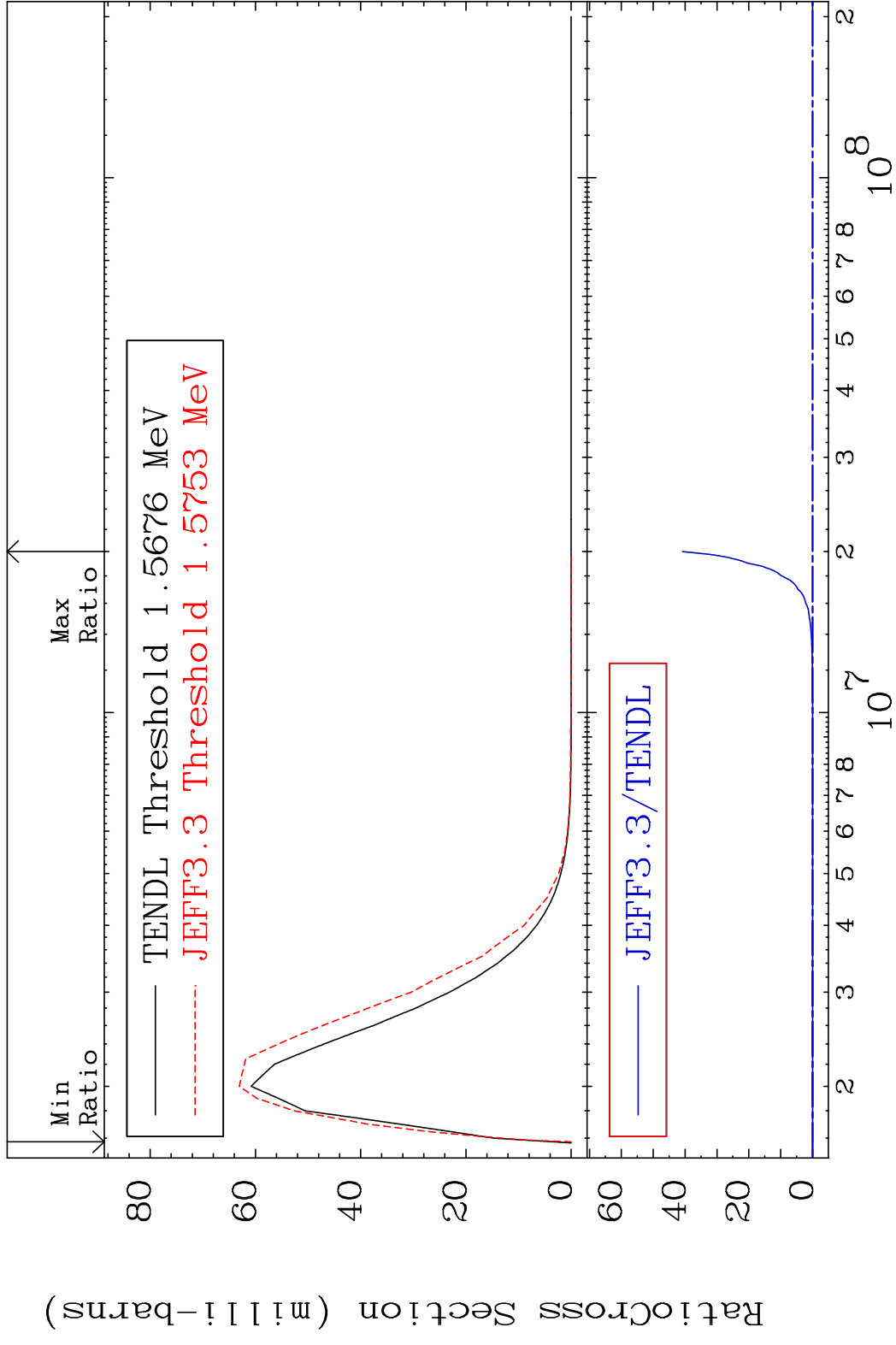
MAT 5046 MT= 67 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



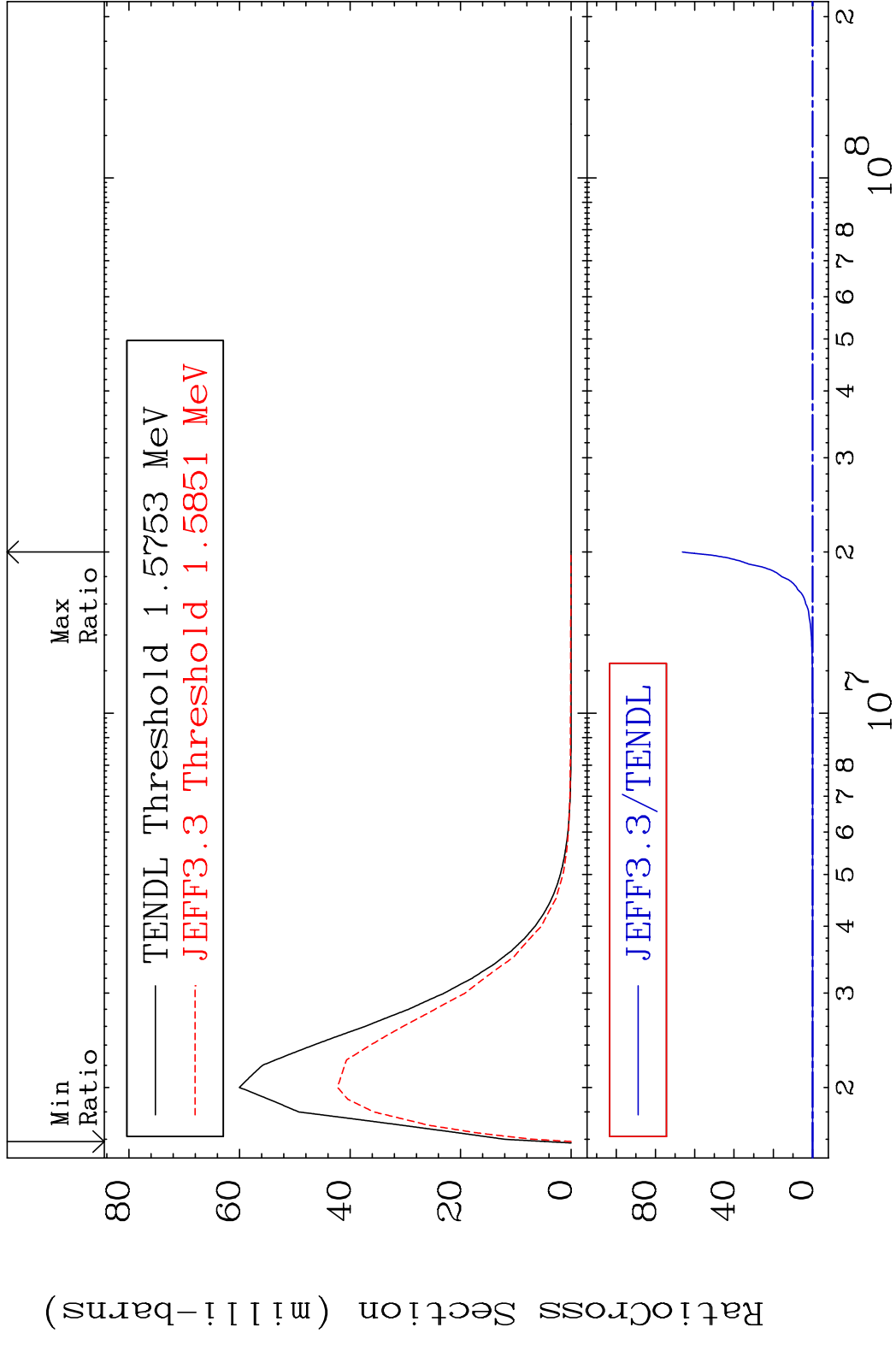
MAT 5046 MT= 68 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



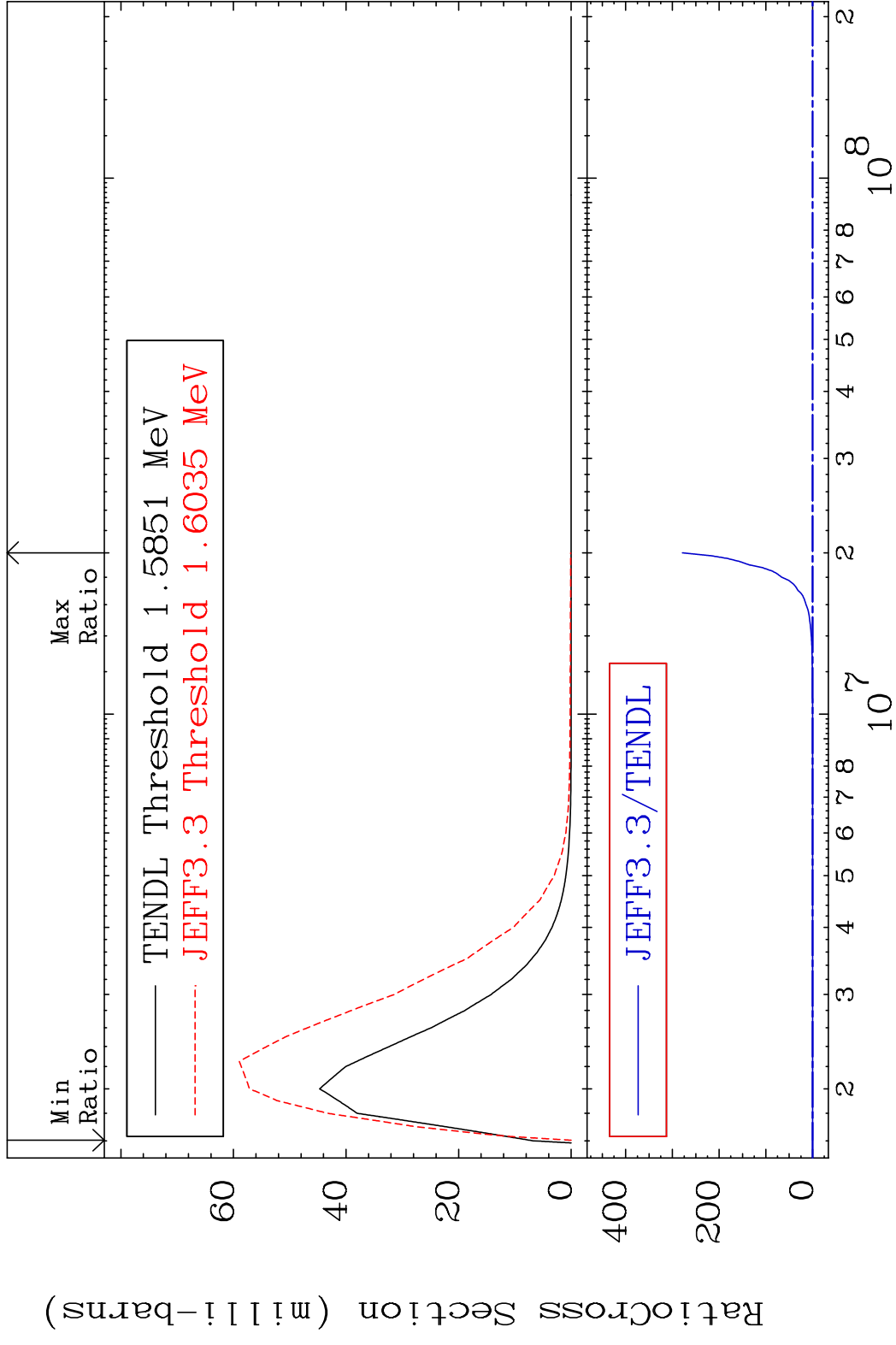
MAT 5046 MT= 69 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



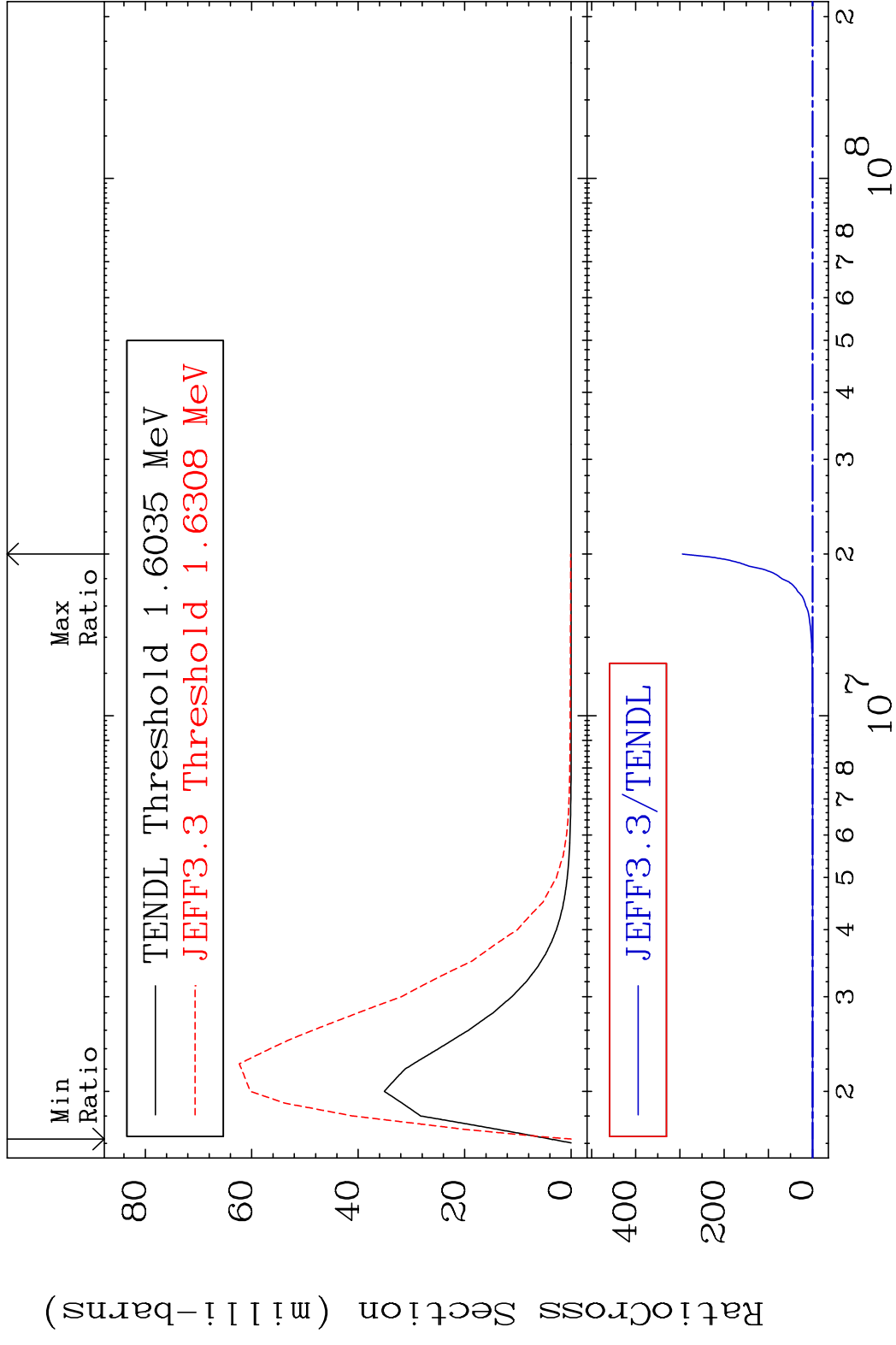
MAT 5046 MT= 70 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



MAT 5046 MT= 71 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %

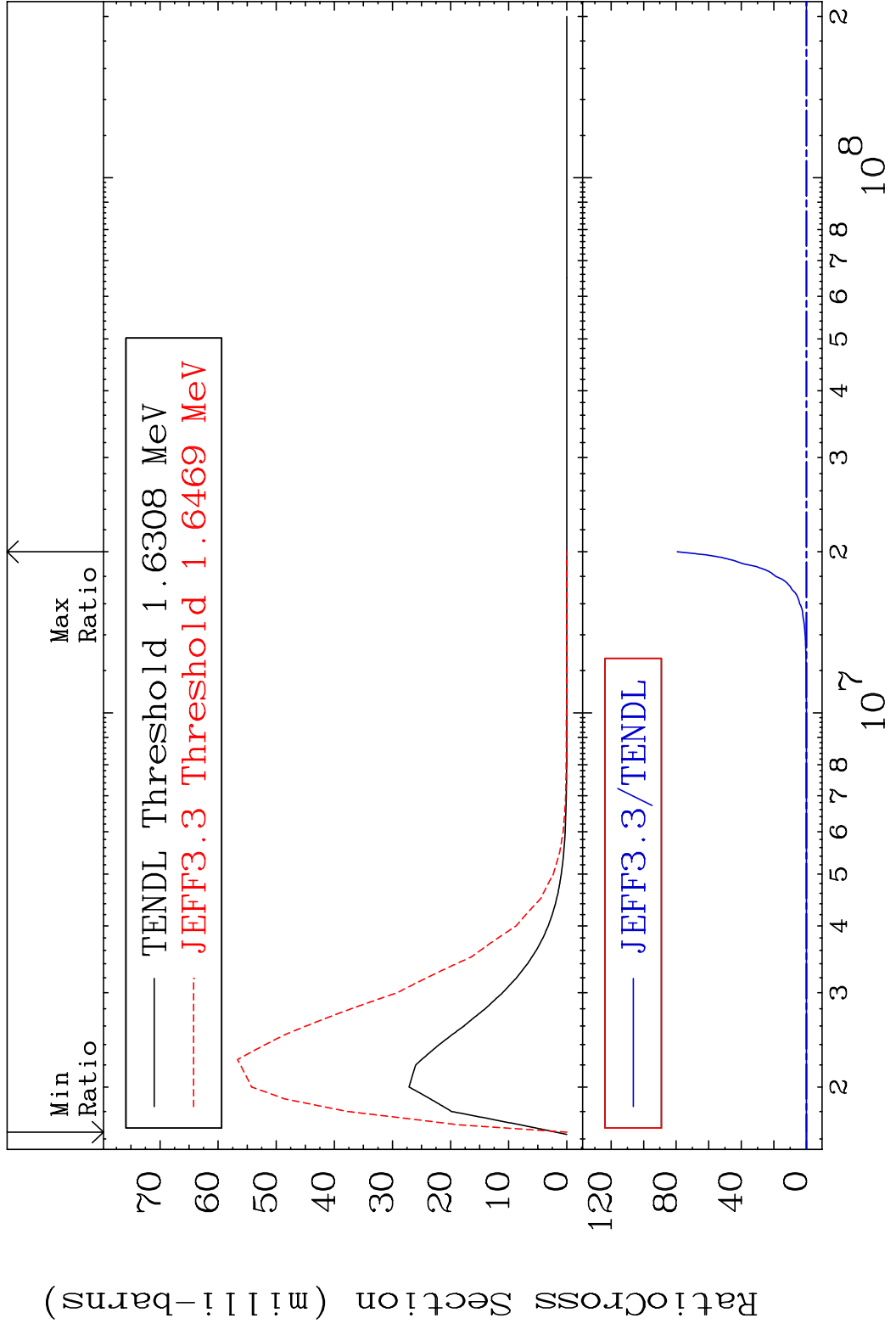


MAT 5046 MT= 72 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %



30 Incident Energy (eV) 50-Sn-119

MAT 5046 MT= 73 (n, n') Level 50-Sn-119  
 Cross Section -100.0 To 9999. %





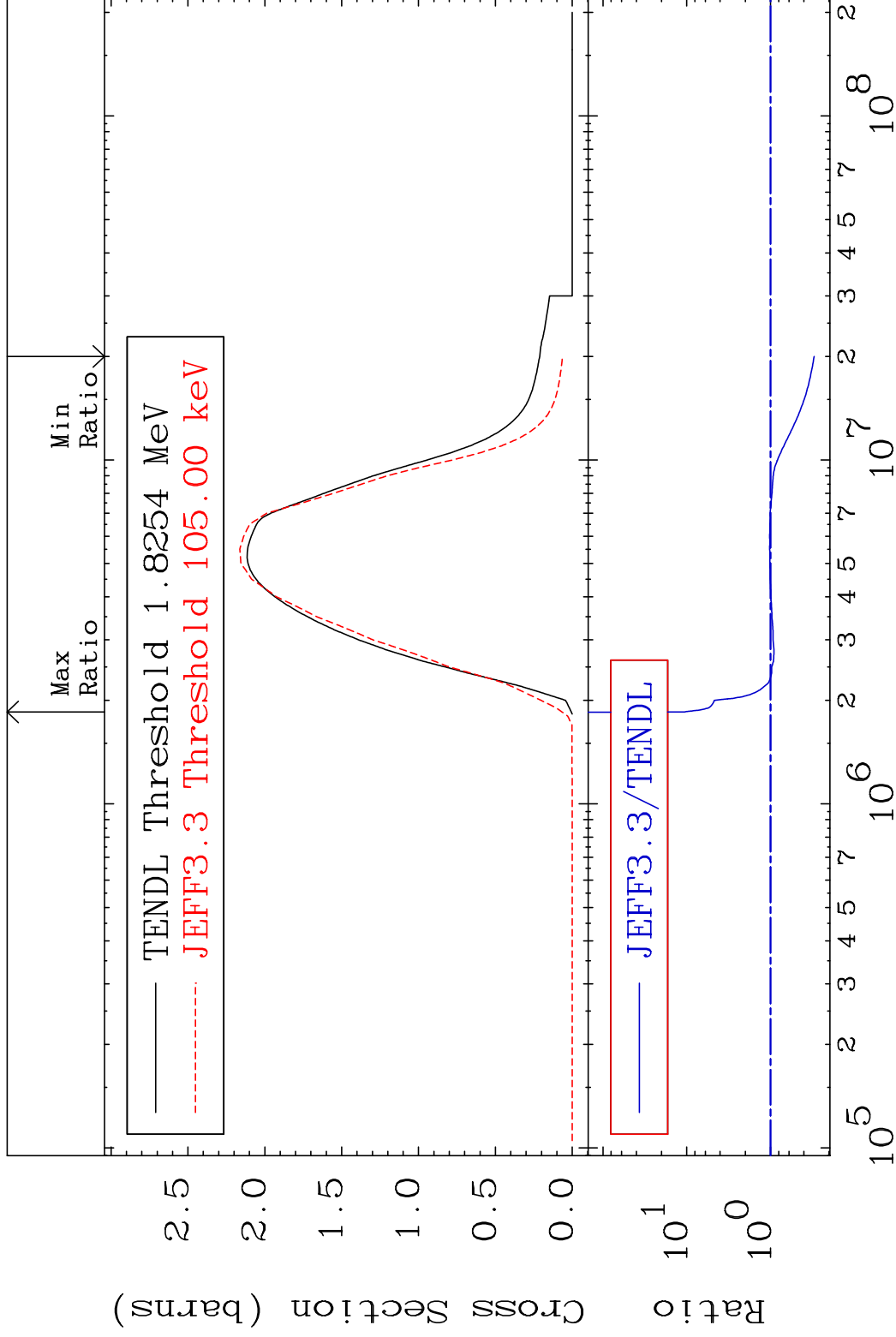
MAT 5046

(n, n') Continuum

50-Sn-119

Cross Section

-69.79 To 988.9 %



32

Incident Energy (eV)

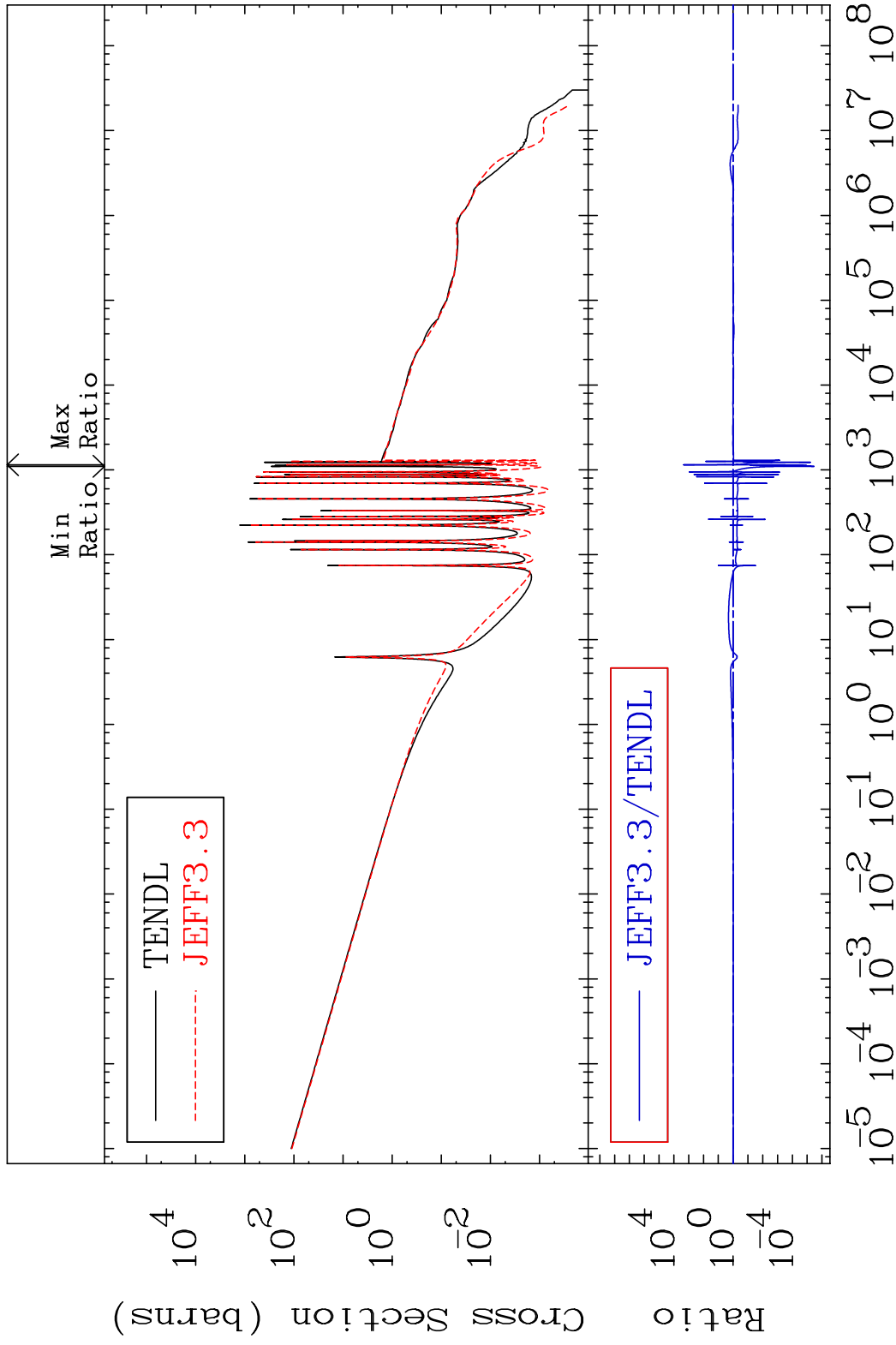
50-Sn-119

MAT 5046

(n,  $\gamma$ )

50-Sn-119

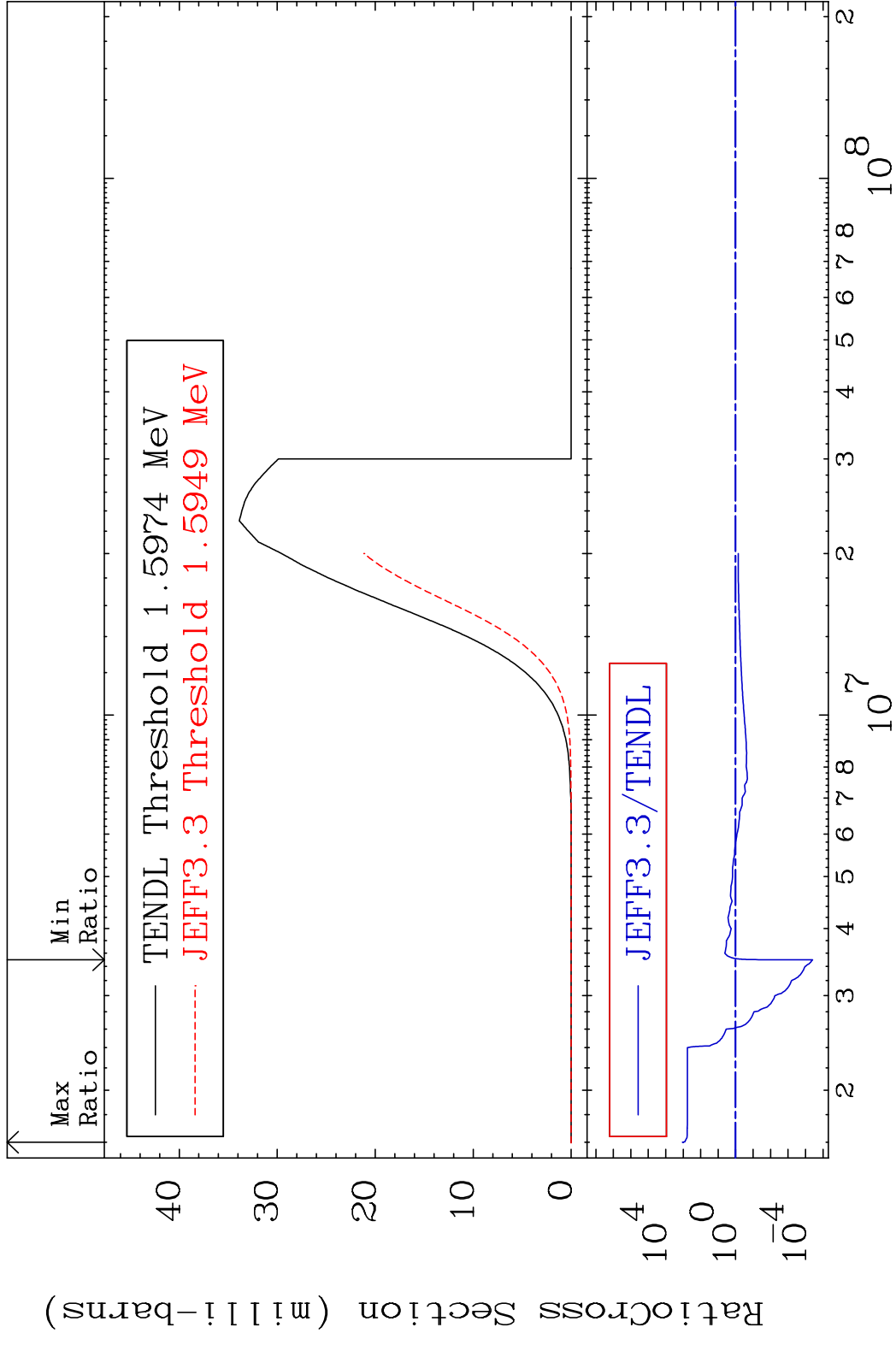
Cross Section -100.0 To 9999. %



33

Incident Energy (eV) 50-Sn-119

MAT 5046 (n,p) 50-Sn-119  
 Cross Section -100.0 To 9999. %

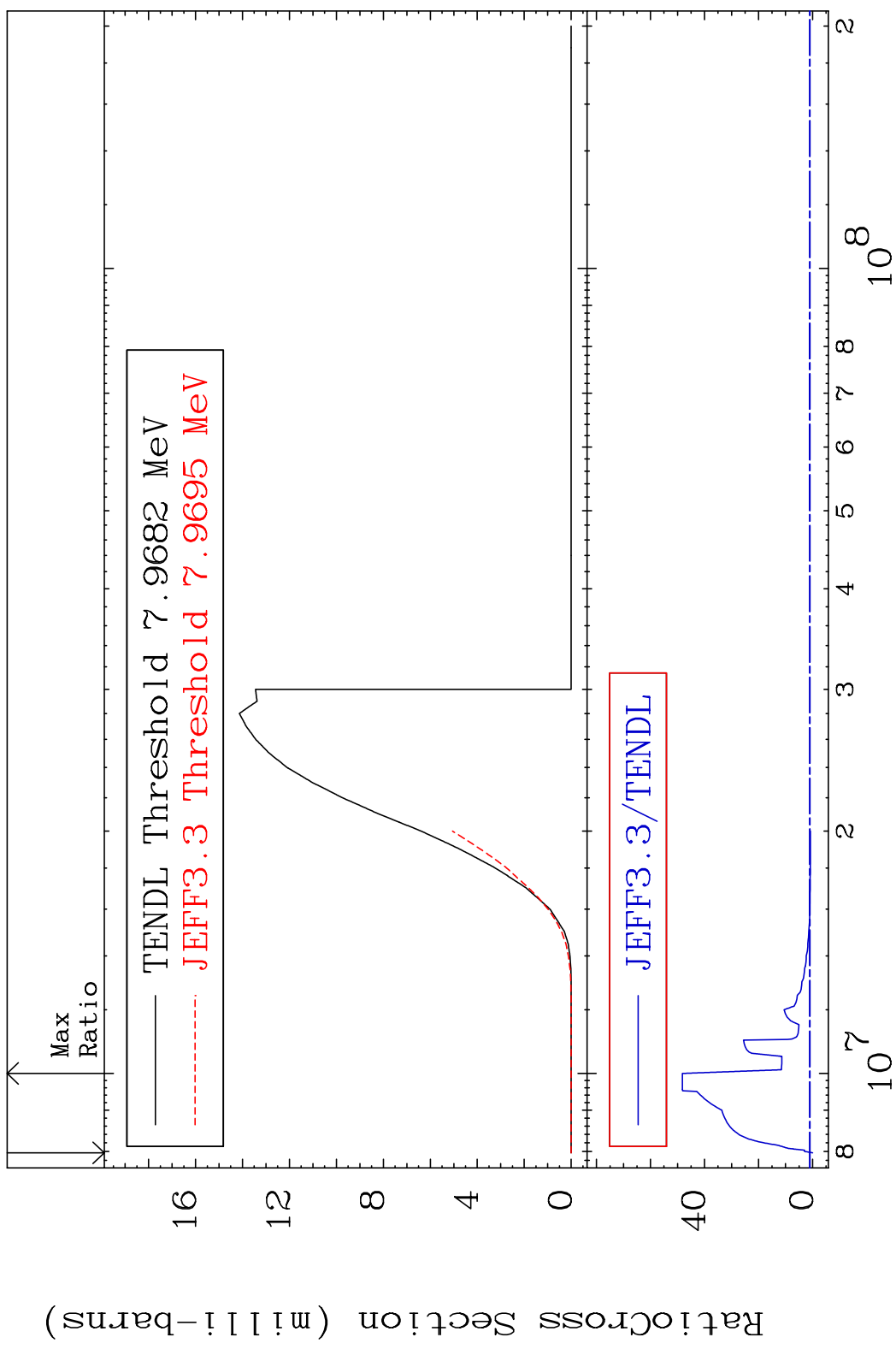


MAT 5046

(n,d)

50-Sn-119

Cross Section -100.0 To 4721. %

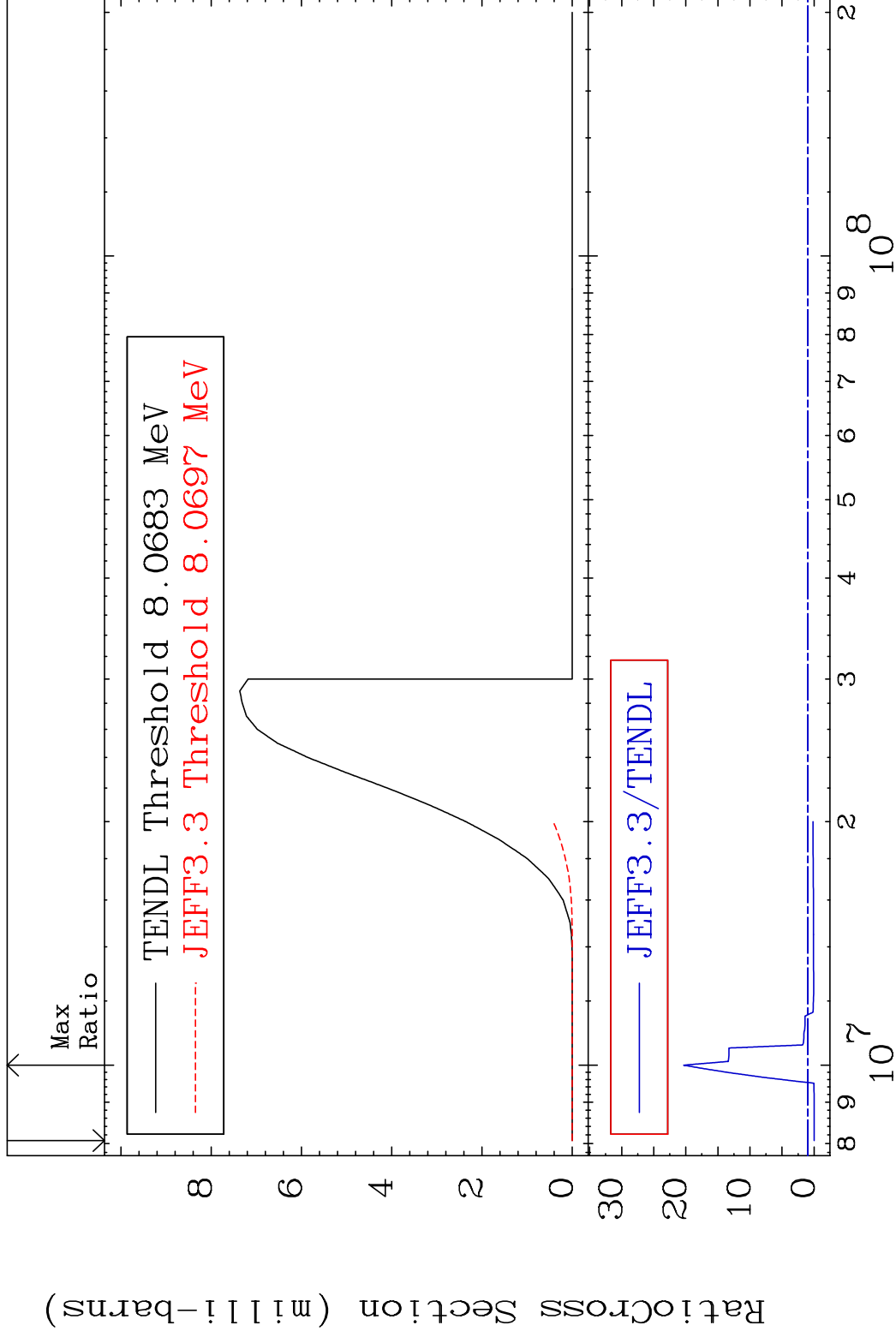


MAT 5046

(n, t)

50-Sn-119

Cross Section -100.0 To 1934. %



36

Incident Energy (eV)

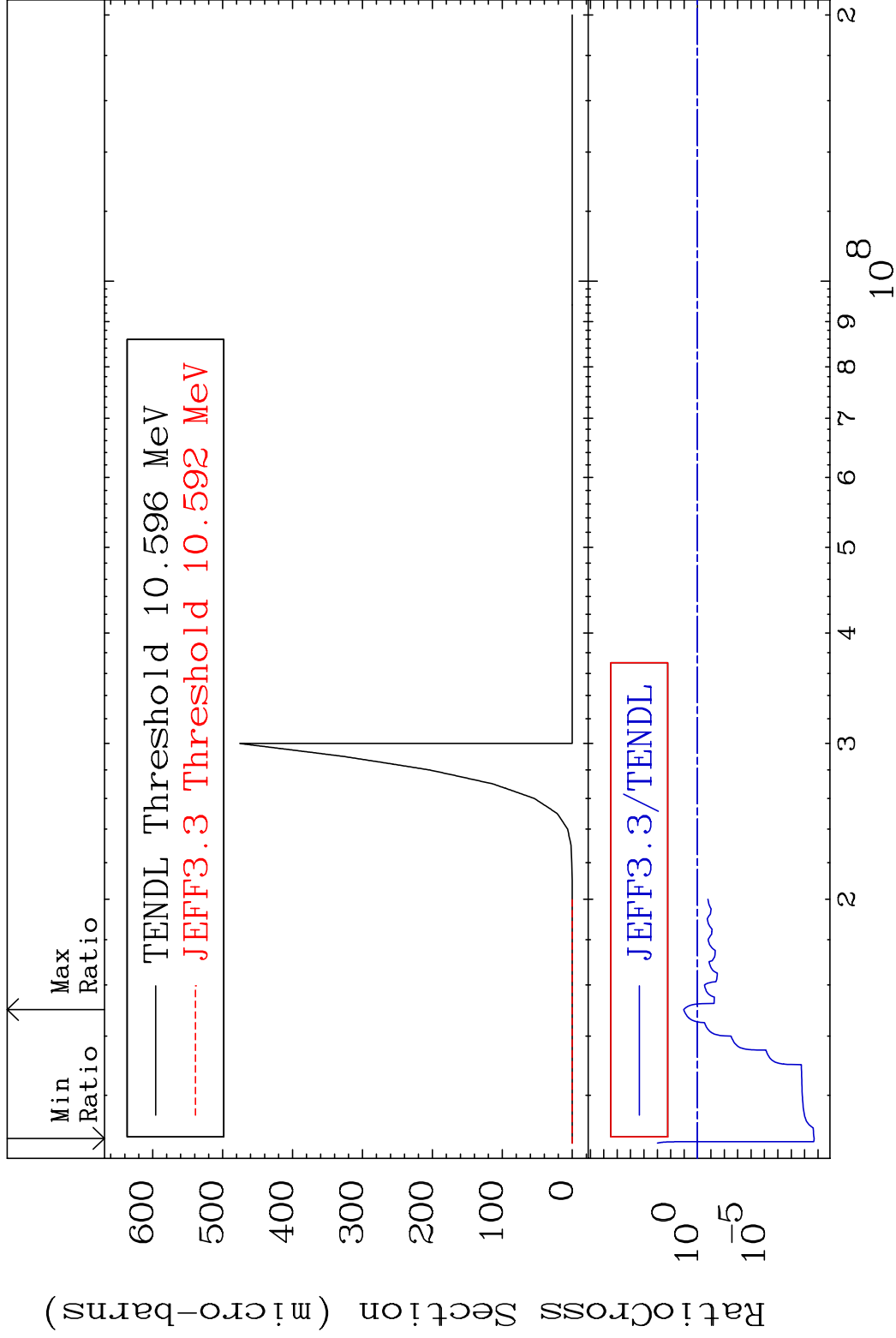
50-Sn-119

MAT 5046

(n, He-3)

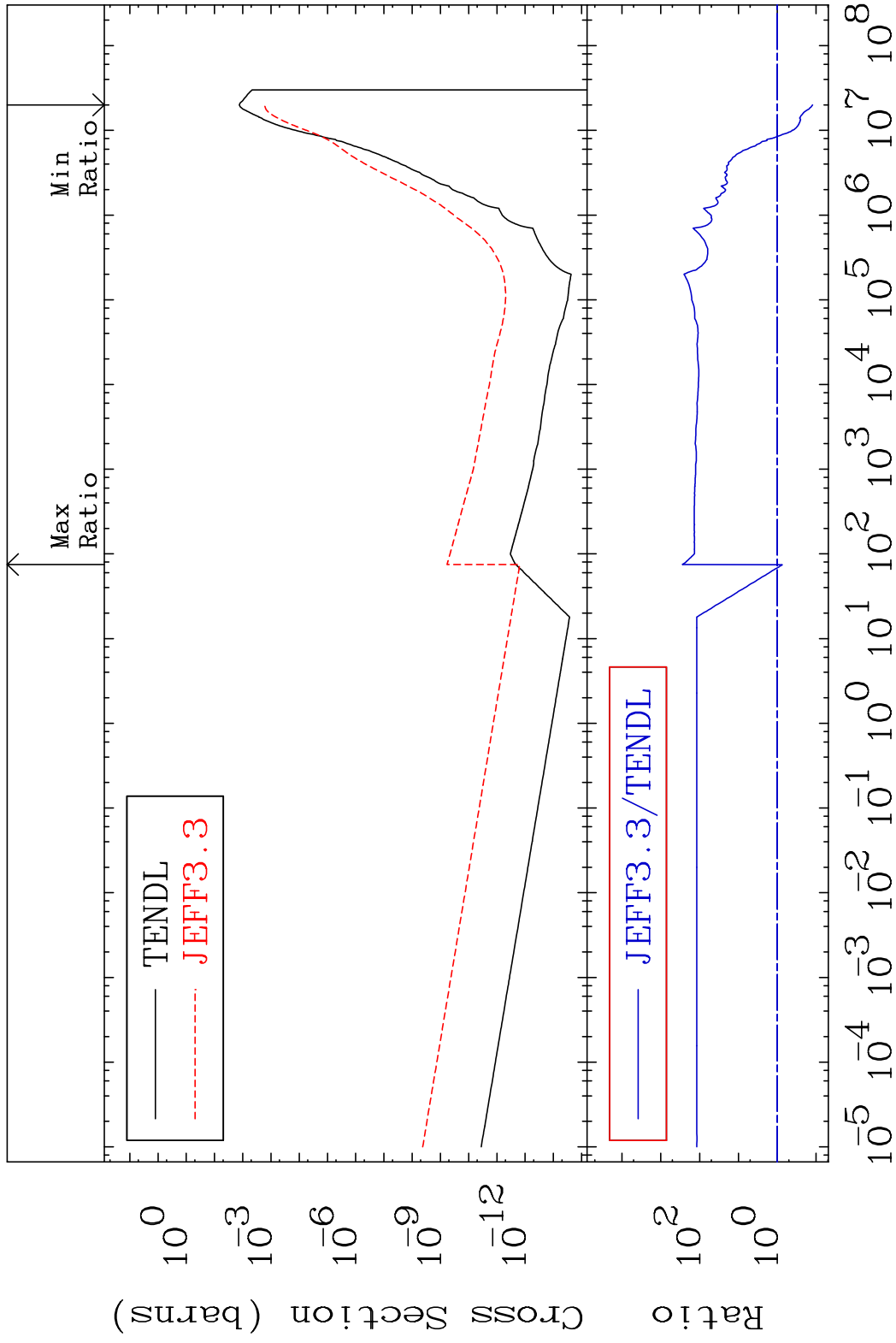
50-Sn-119

Cross Section -100.0 To 981.3 %



MAT 5046

(n,  $\alpha$ )  
Cross Section -87.64 To 9999. %  
50-Sn-119

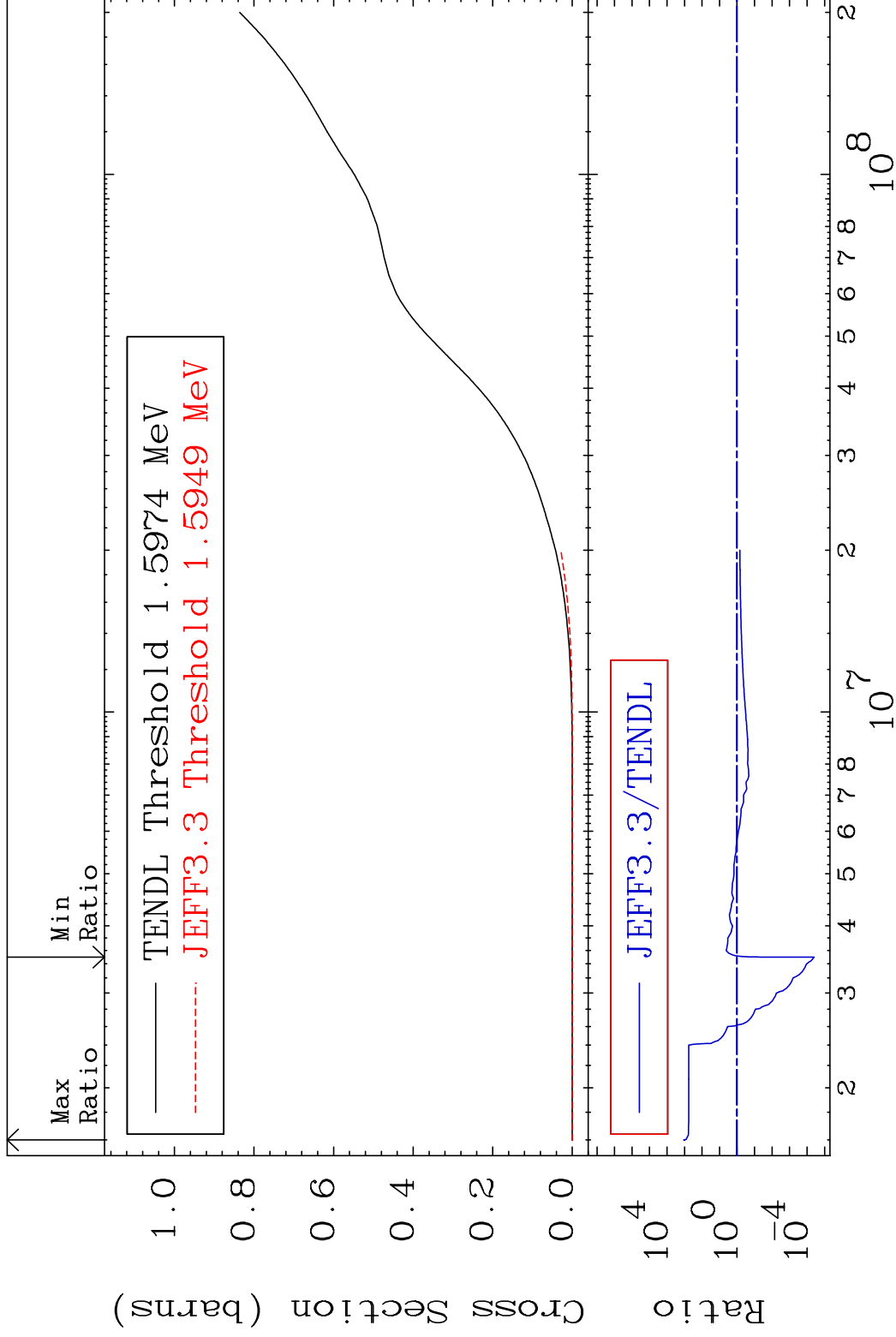


MAT 5046

Hydrogen Production

50-Sn-119

Cross Section -100.0 To 9999. %



39

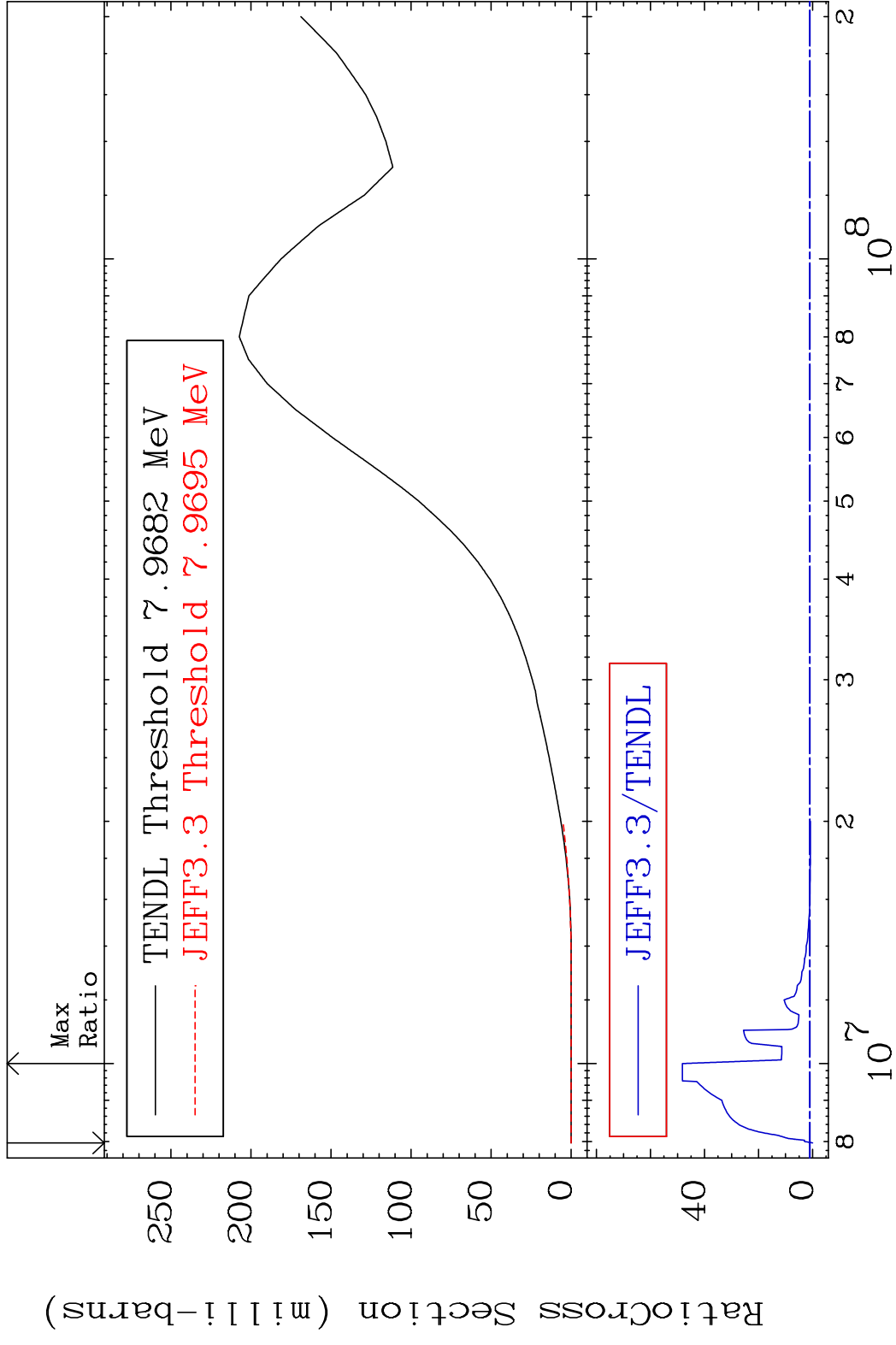
Incident Energy (eV)

50-Sn-119



MAT 5046

Deuterium Production 50-Sn-119  
Cross Section -100.0 To 4721. %

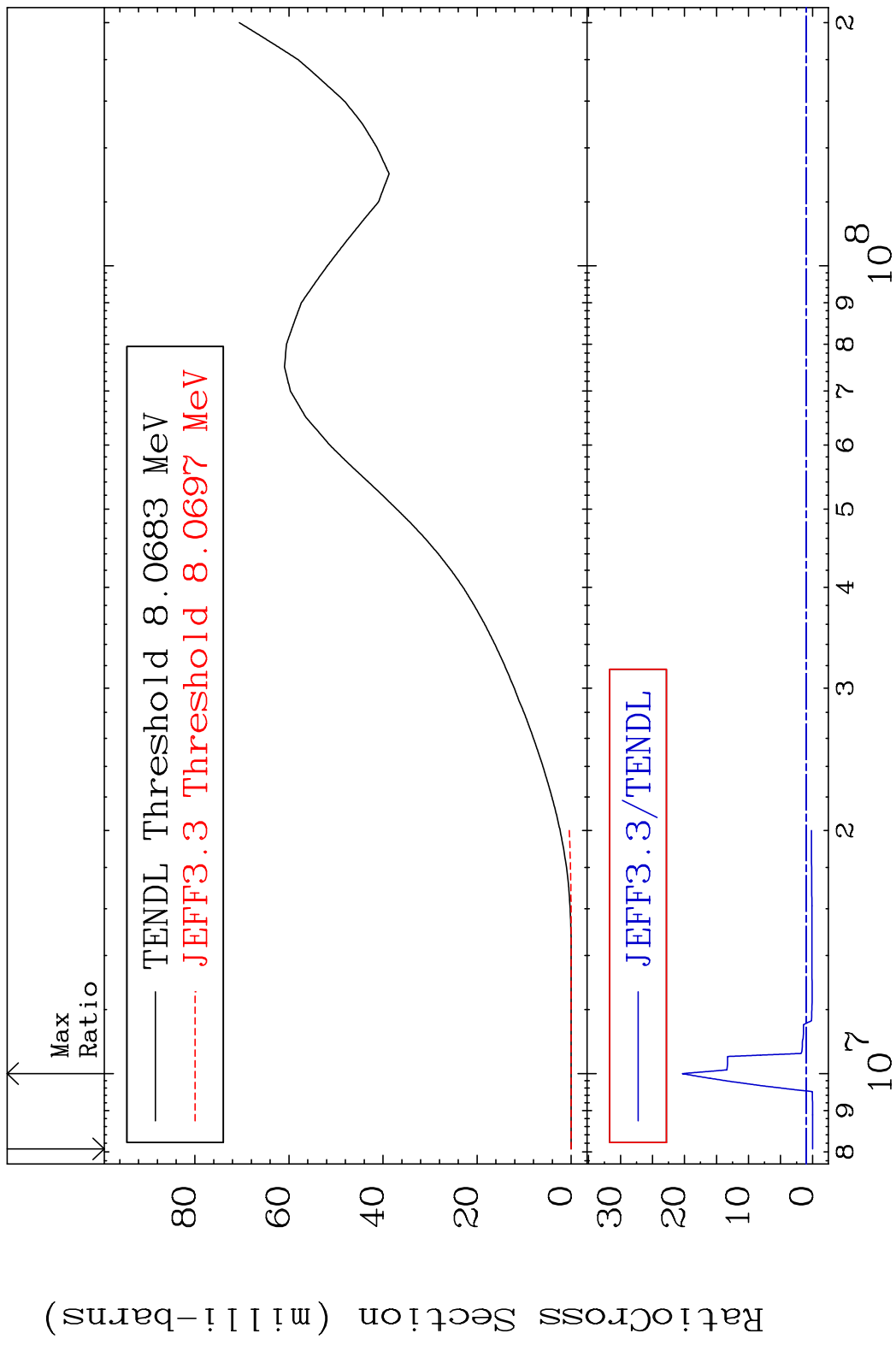


40

Incident Energy (eV)

50-Sn-119

MAT 5046 Tritium Production 50-Sn-119  
 Cross Section -100.0 To 1934. %

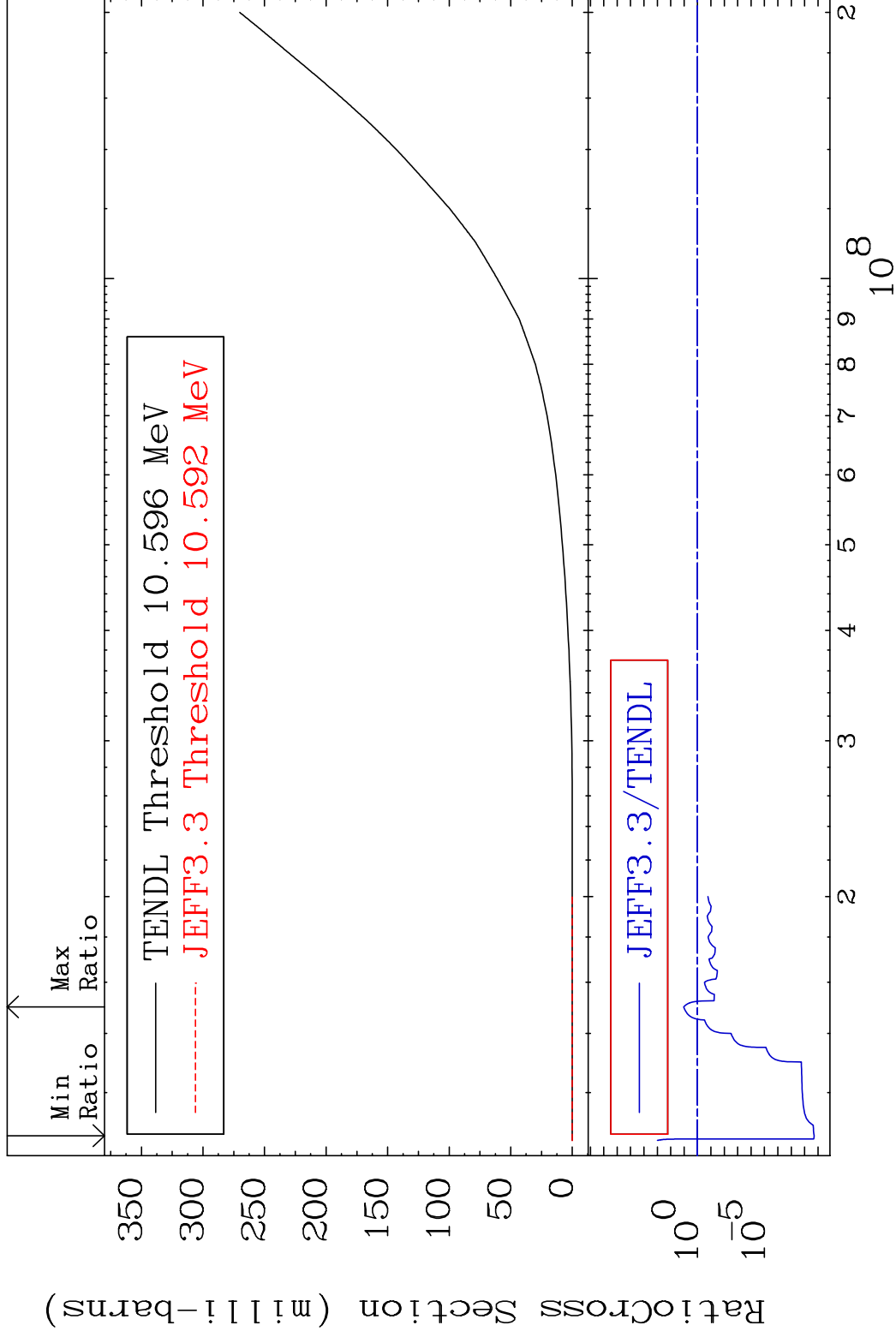


MAT 5046

He-3 Production

50-Sn-119

Cross Section -100.0 To 981.3 %

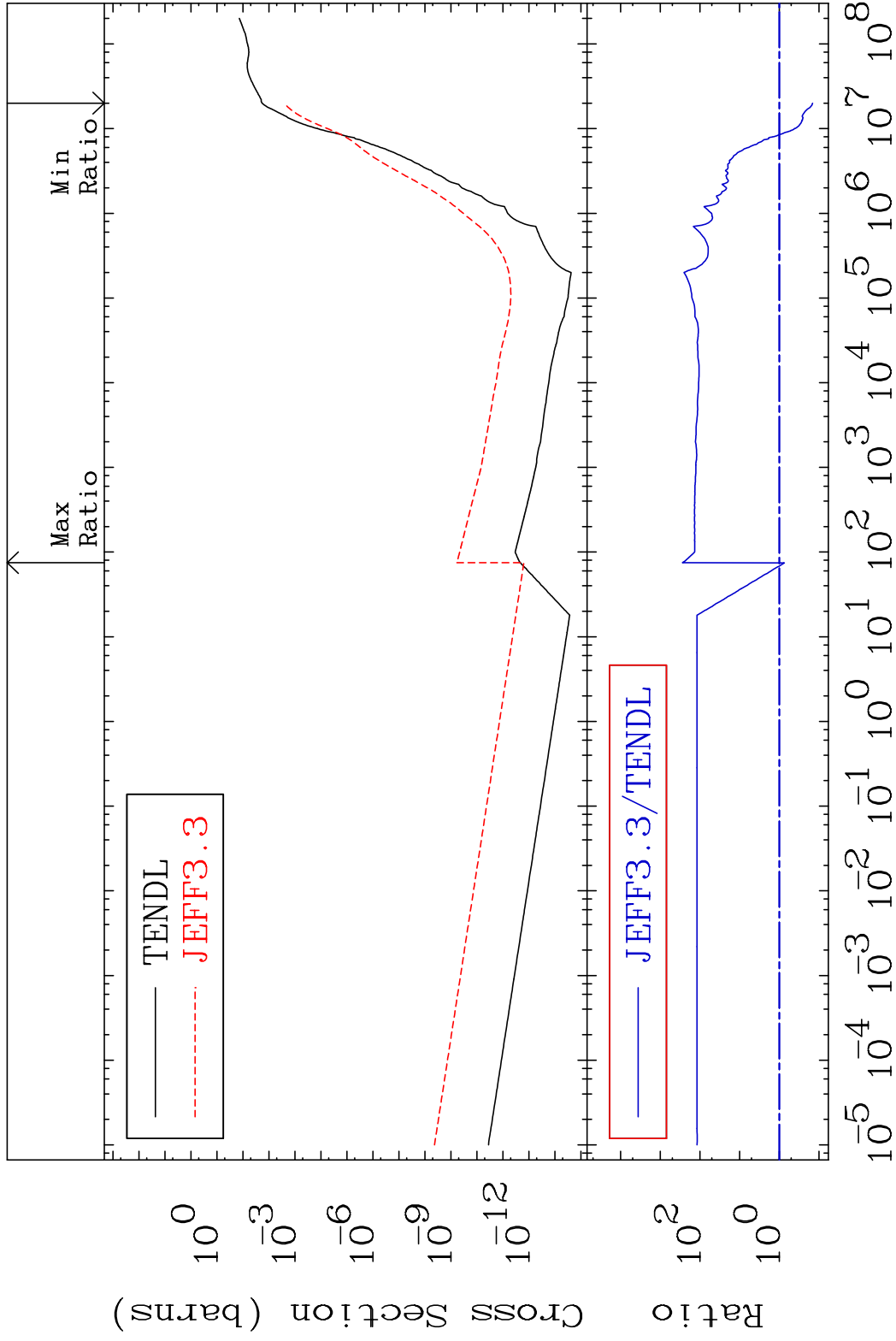


MAT 5046

He-4 Production

50-Sn-119

Cross Section -85.54 To 9999. %

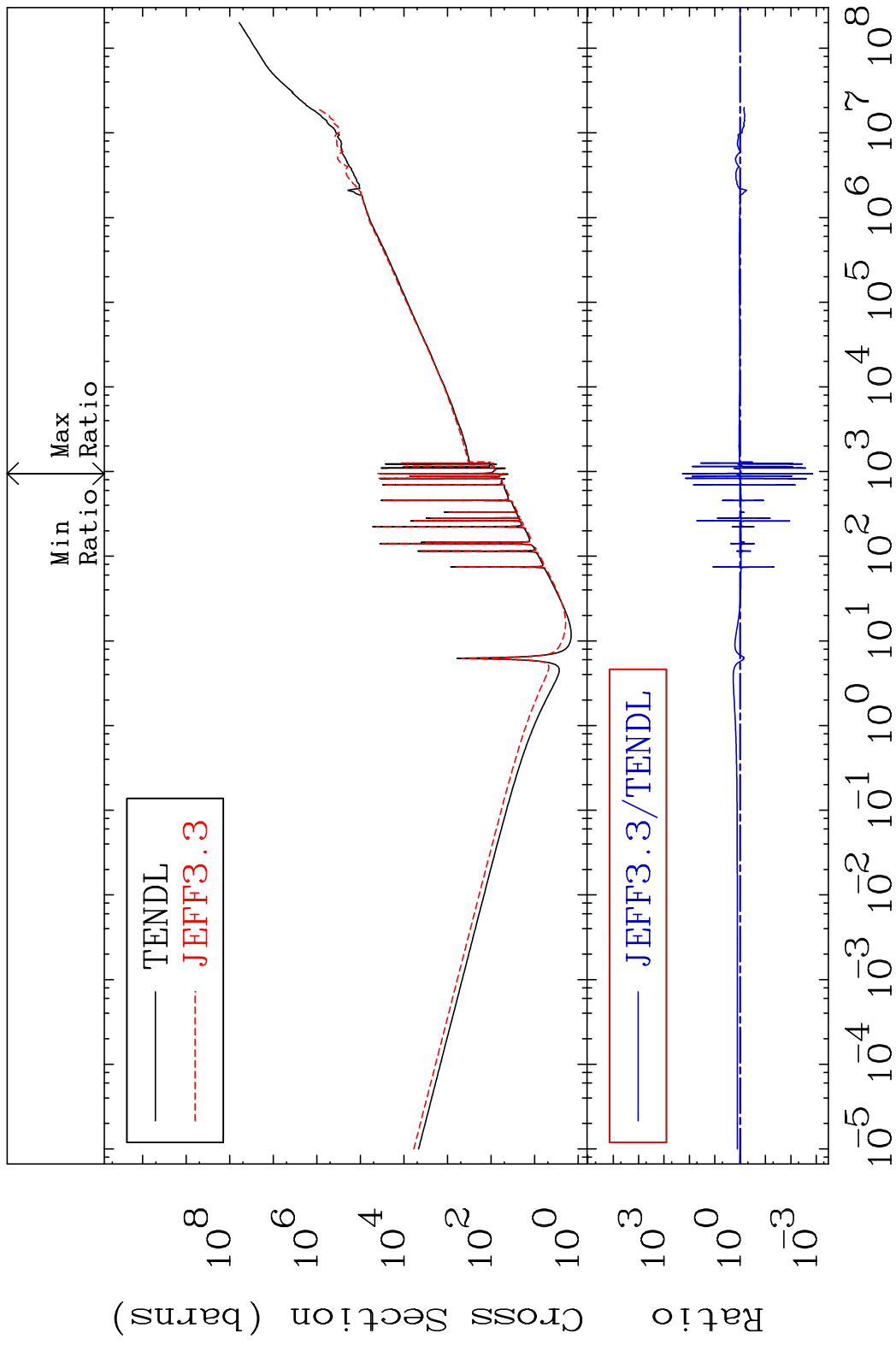


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Incident Energy (eV)

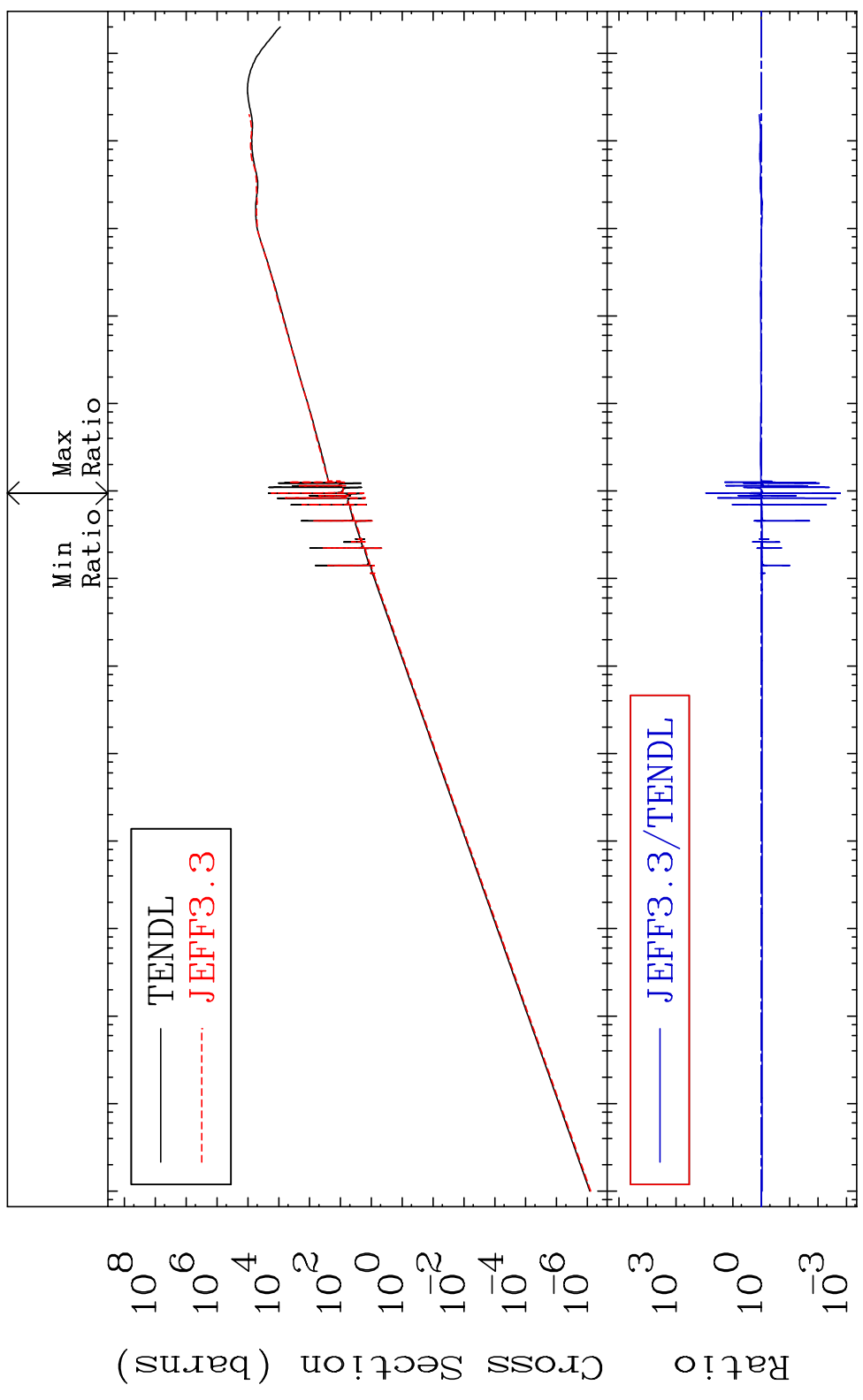
50-Sn-119

MAT 5046 Kerma total (eV-barns) 50-Sn-119  
 Cross Section -99.86 To 9999. %

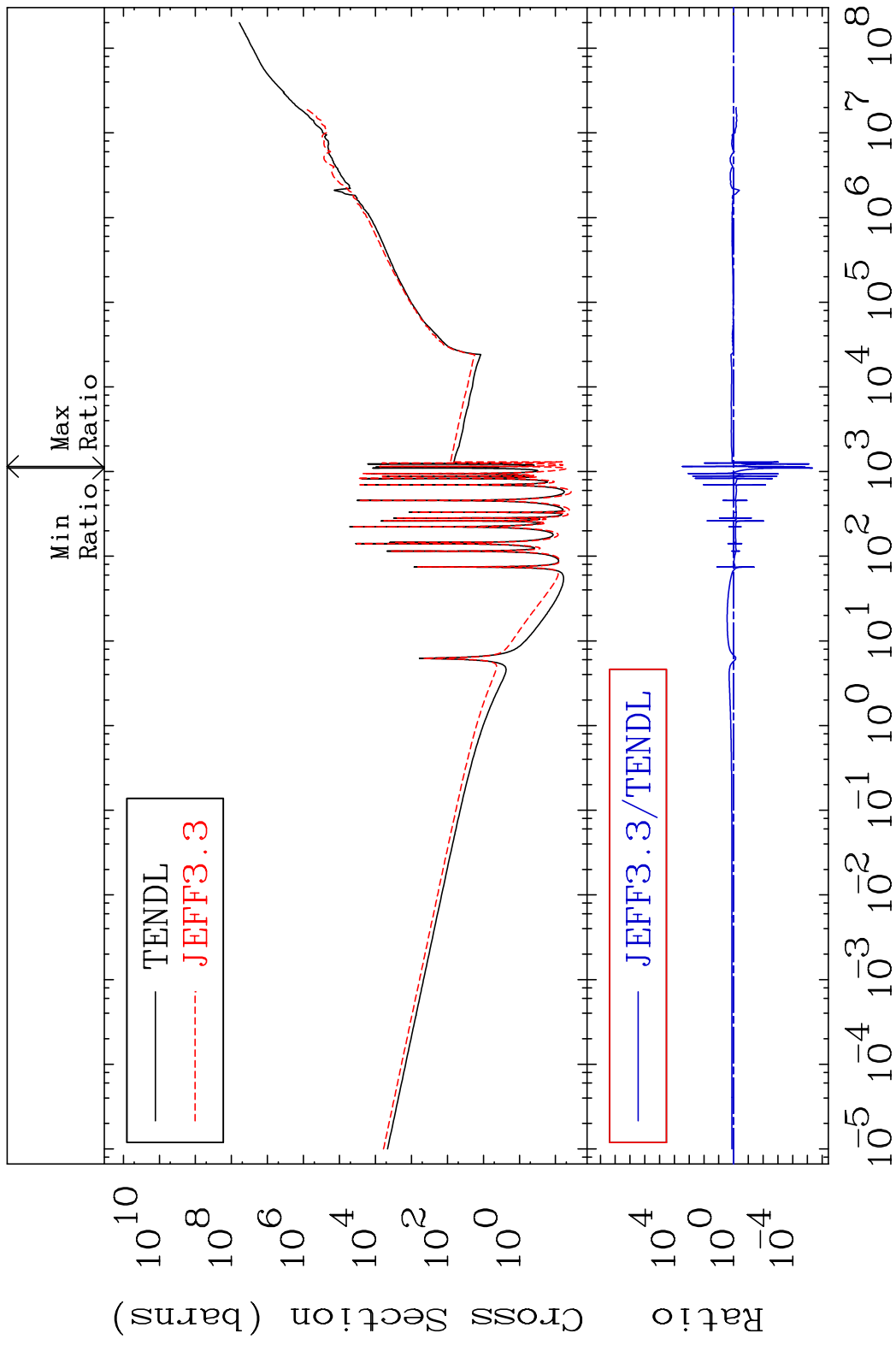


MAT 5046

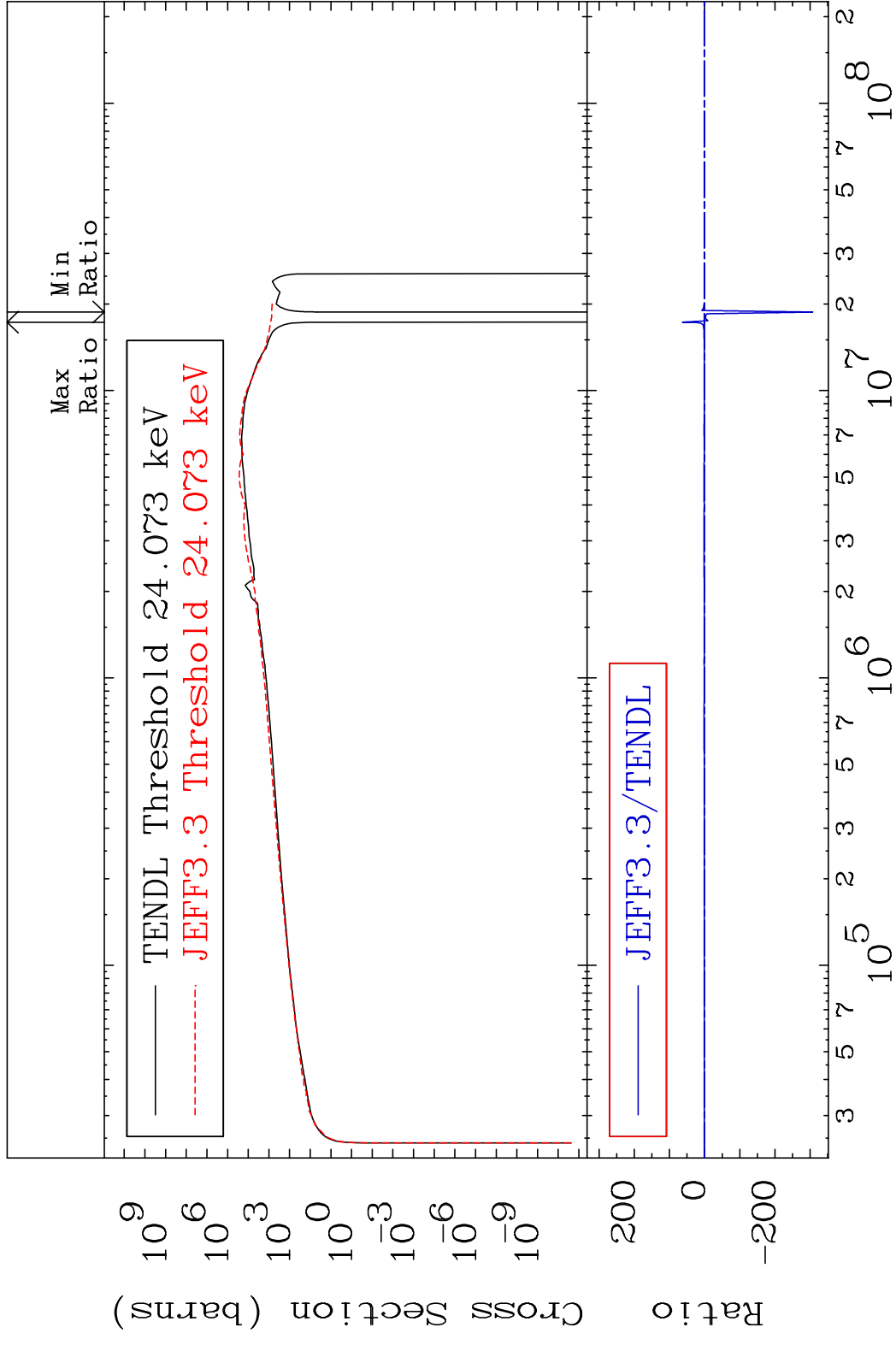
Kerma elastic Cross Section -99.84 To 8872. %  
50-Sn-119



MAT 5046 Kerma non-elastic (all but mt2) 50-Sn-119  
 Cross Section -100.0 To 9999. %

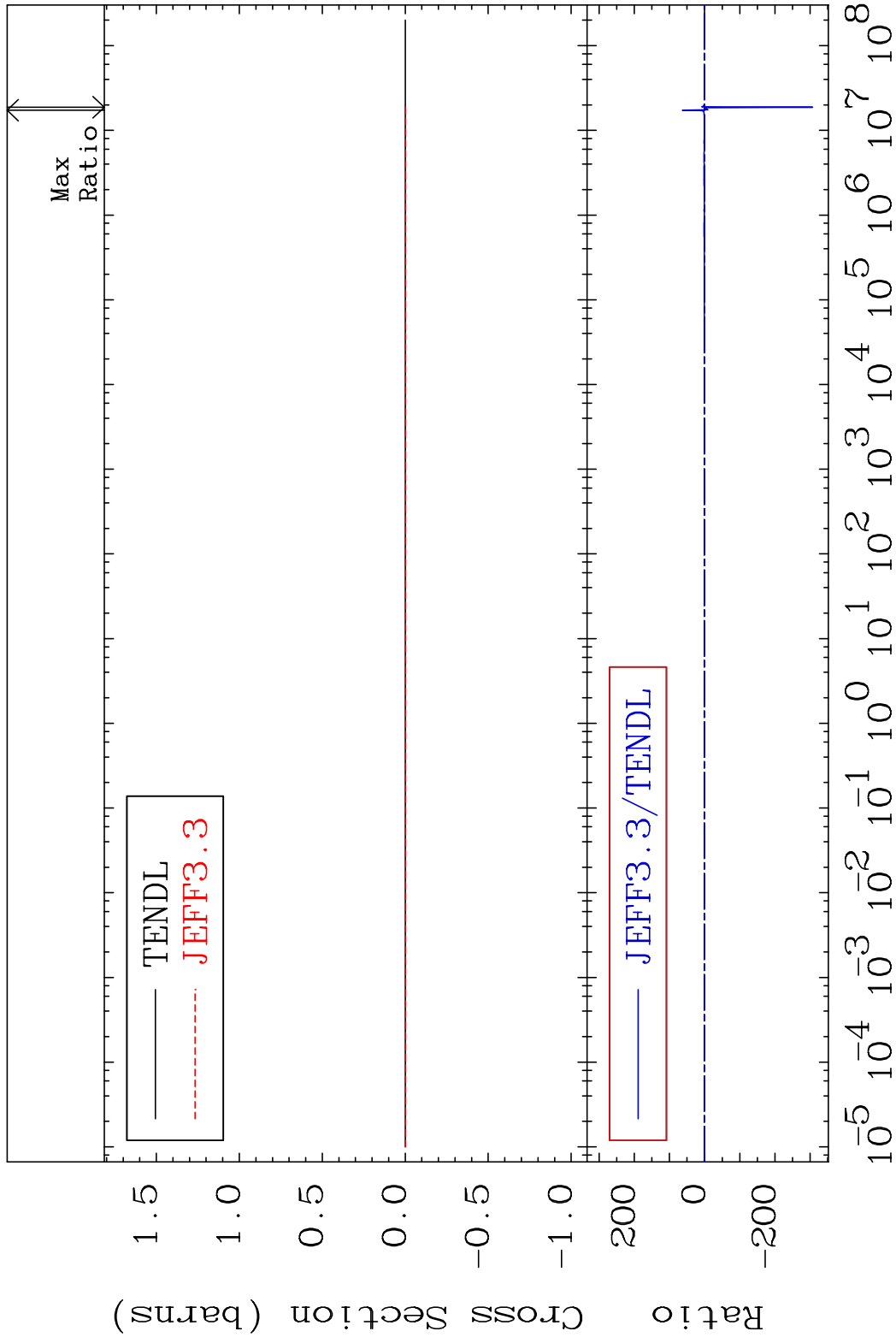


MAT 5046 Kerma inelastic (mt51-91) 50-Sn-119  
 Cross Section -9999. To 6228. %





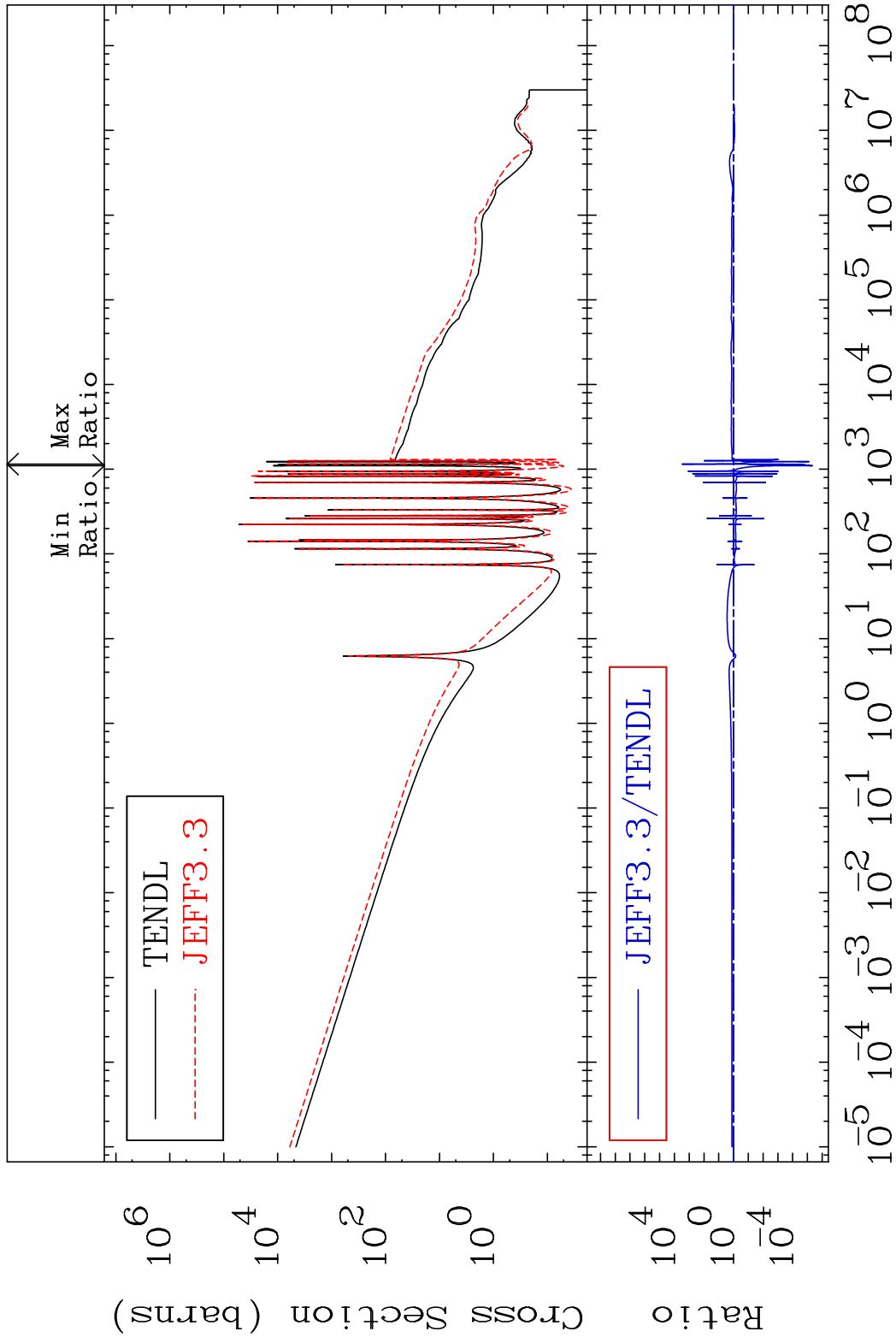
MAT 5046 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-119  
 Cross Section -9999. To 6228. %



MAT 5046

Kerma capture (mt102) 50-Sn-119

Cross Section -100.0 To 9999. %

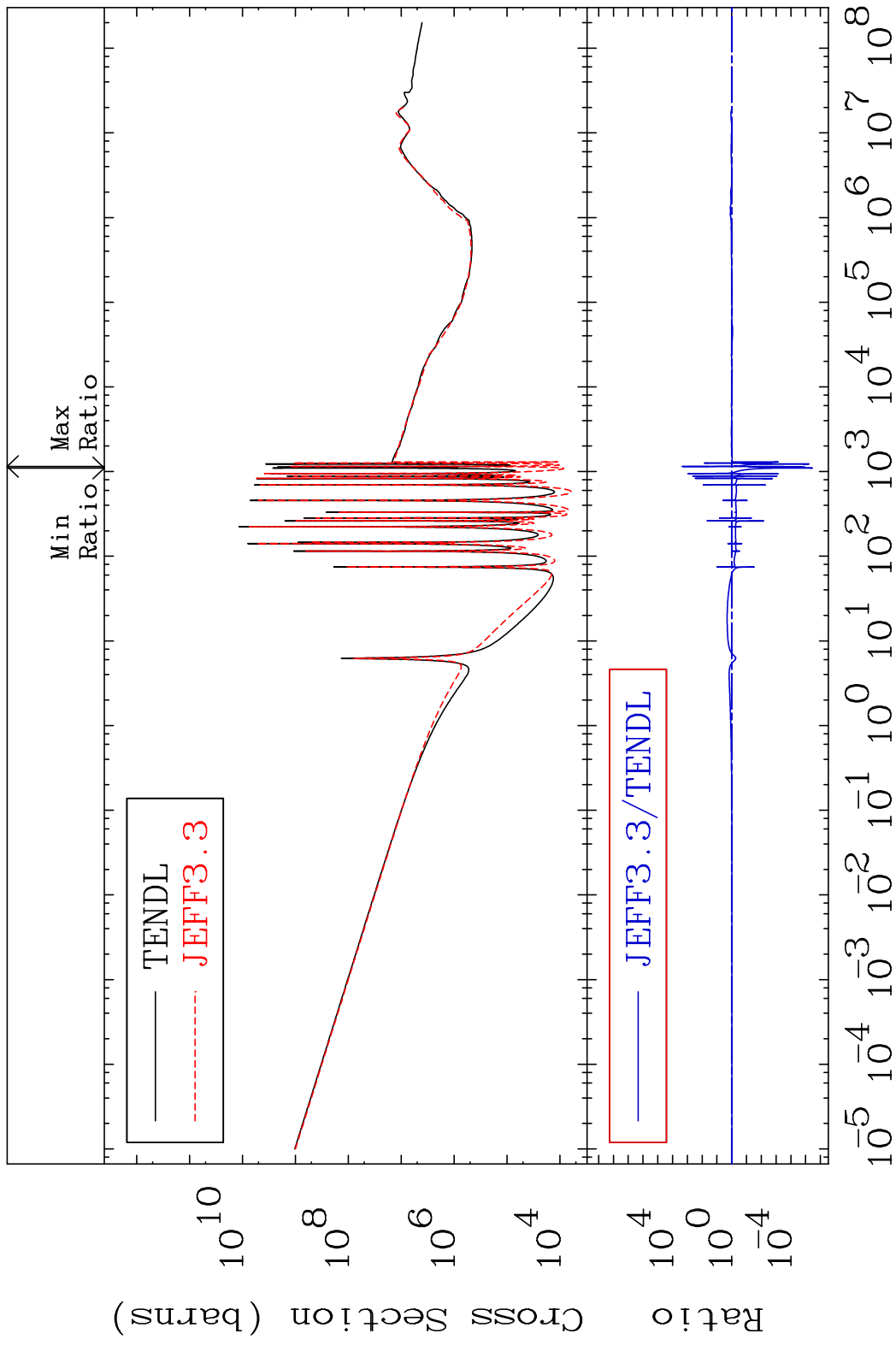


49

Incident Energy (eV)

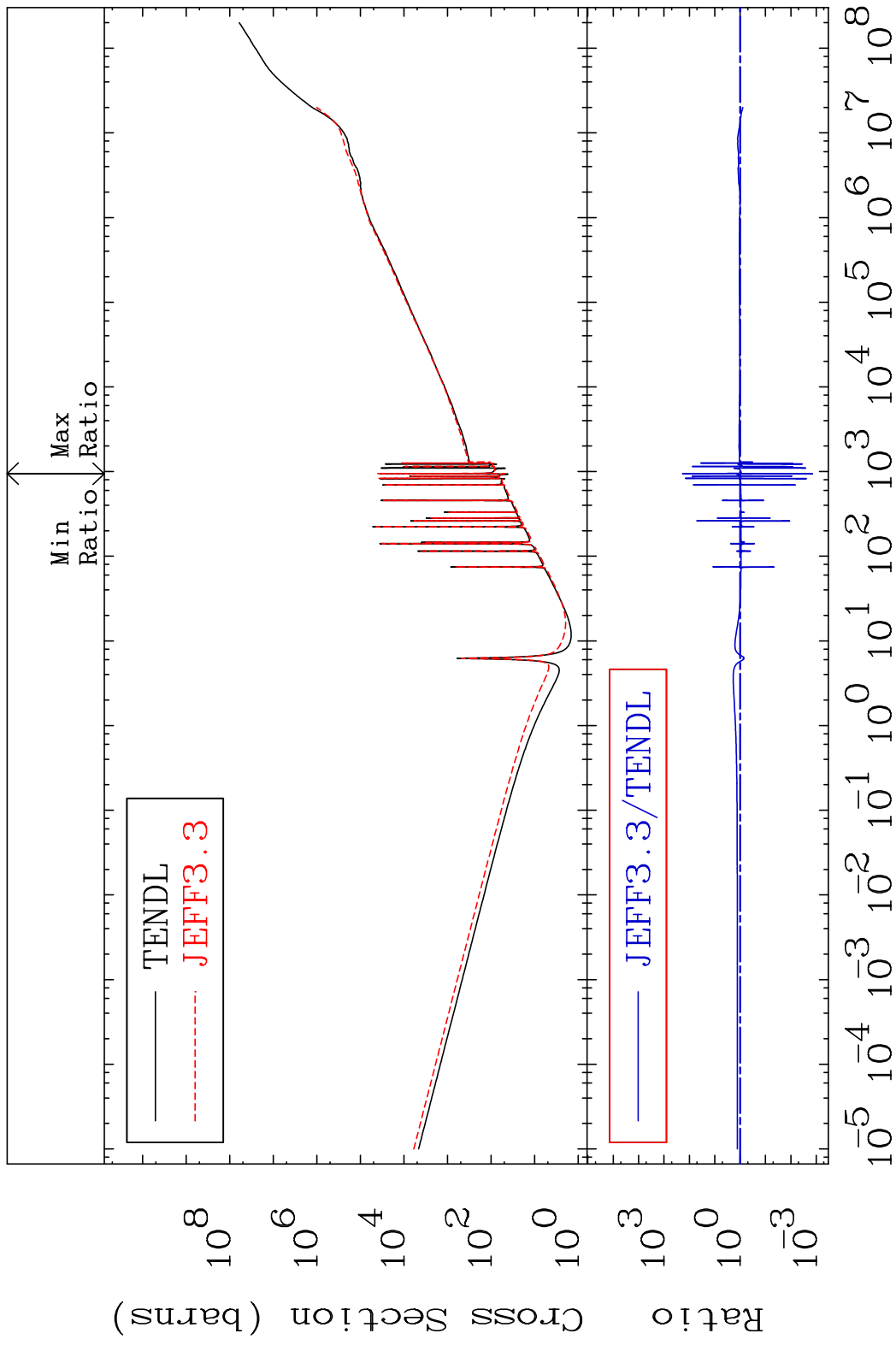
50-Sn-119

MAT 5046 Total photon (eV-barns) 50-Sn-119  
 Cross Section -100.0 To 9999. %



50 Incident Energy (eV) 50-Sn-119

MAT 5046 Total kinematic kerma (high limit) 50-Sn-119  
 Cross Section -99.86 To 9999. %

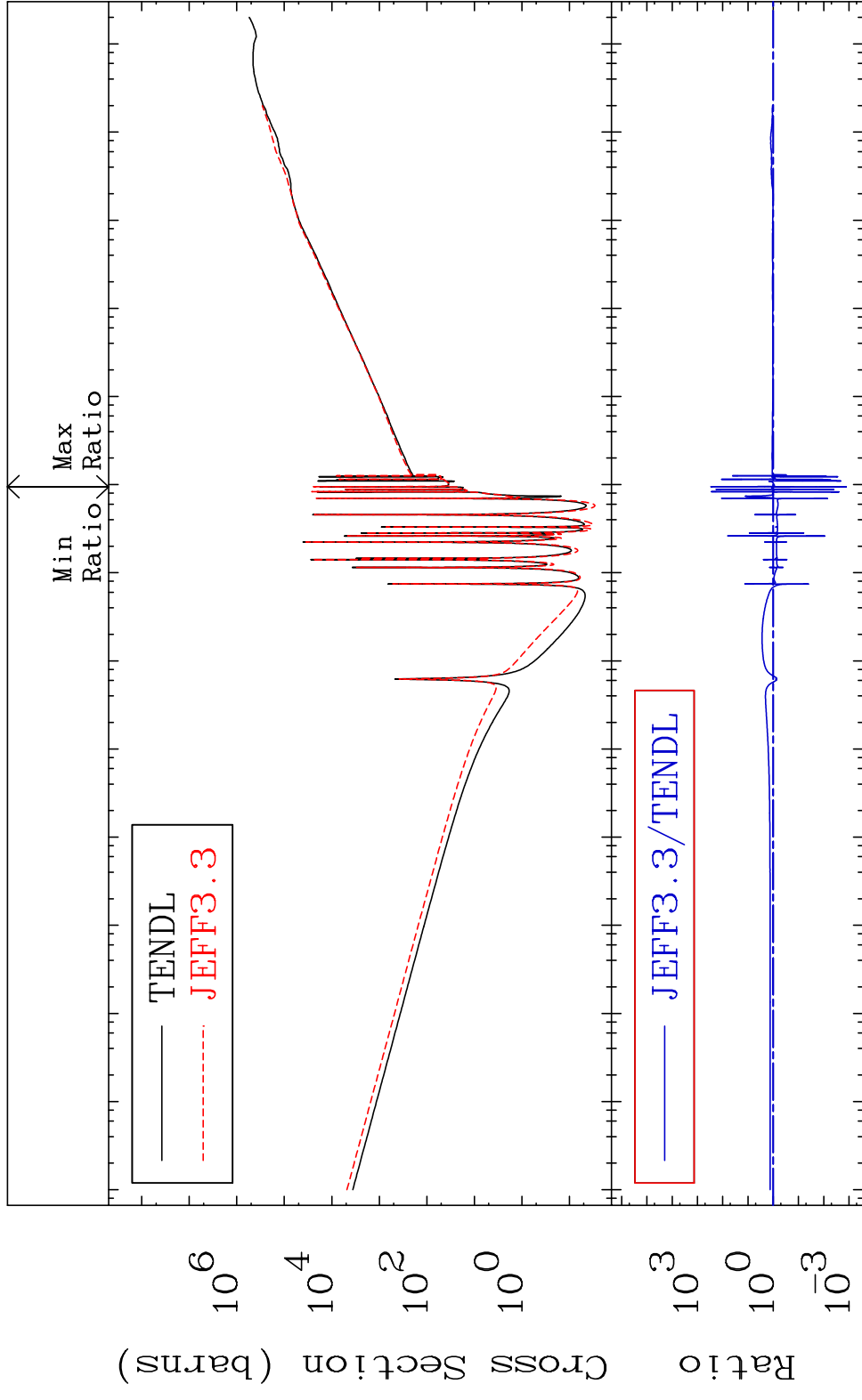


MAT 5046

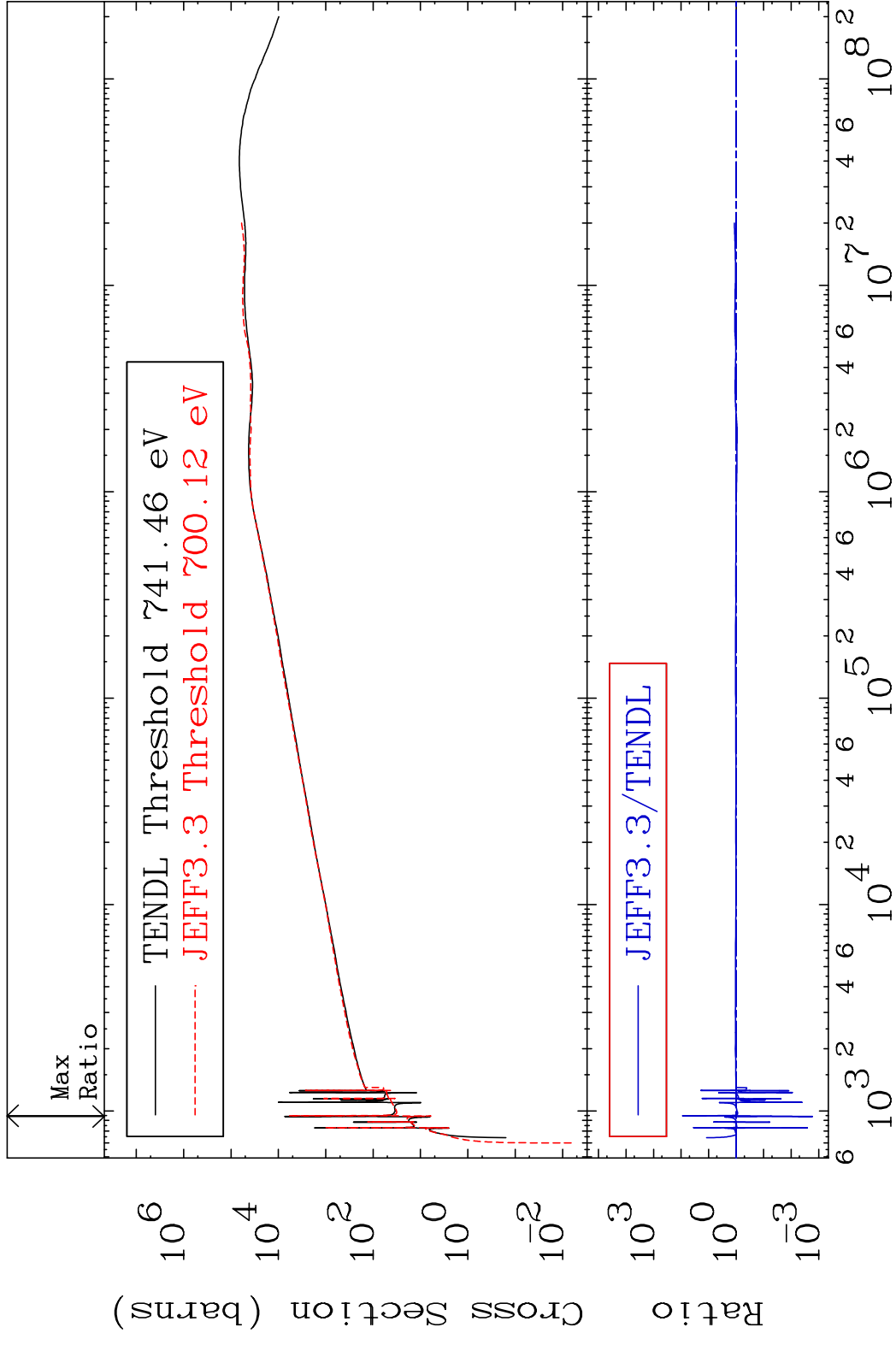
Dpa total (eV-barns)

50-Sn-119

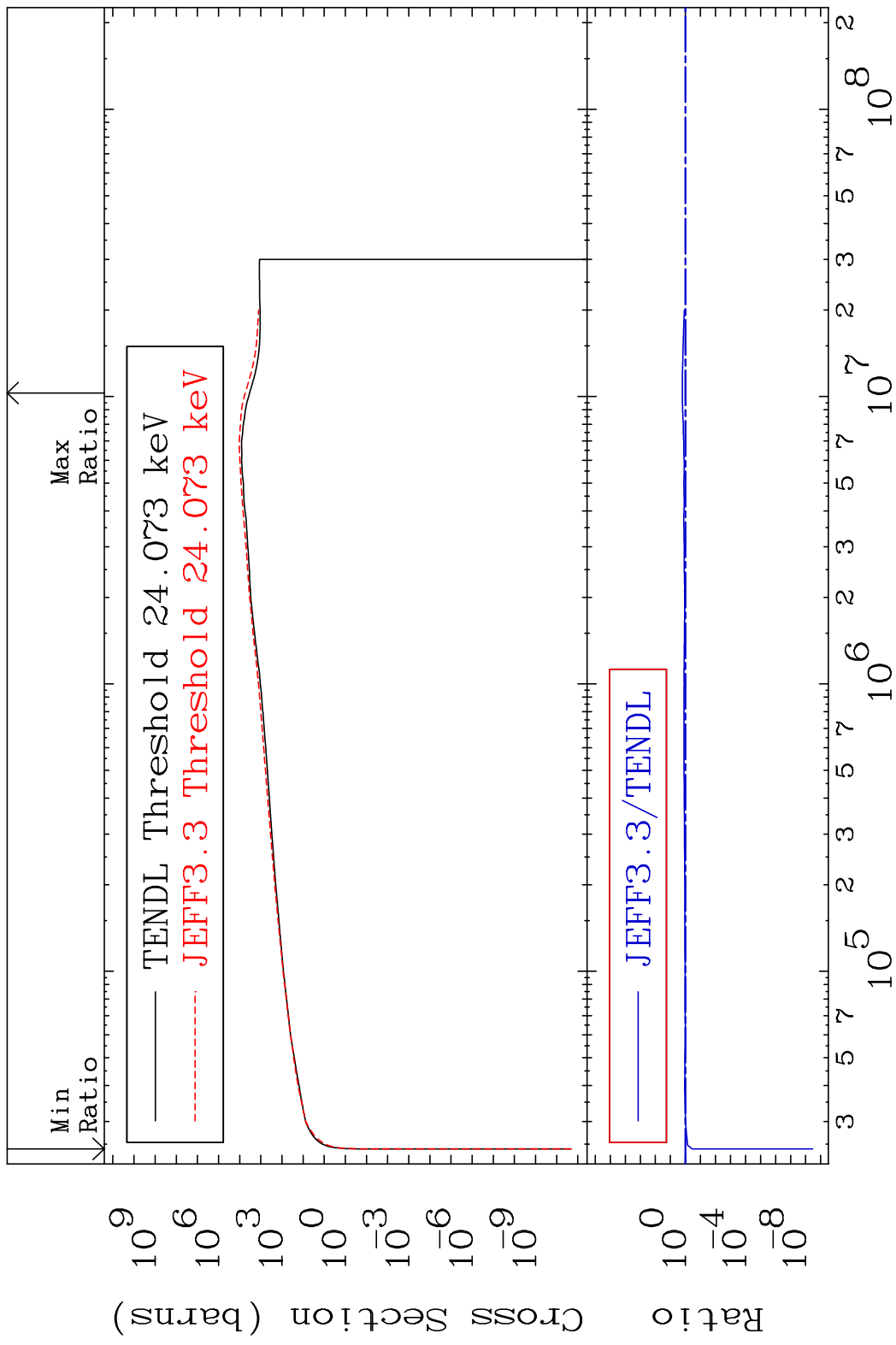
Cross Section -99.87 To 9999. %



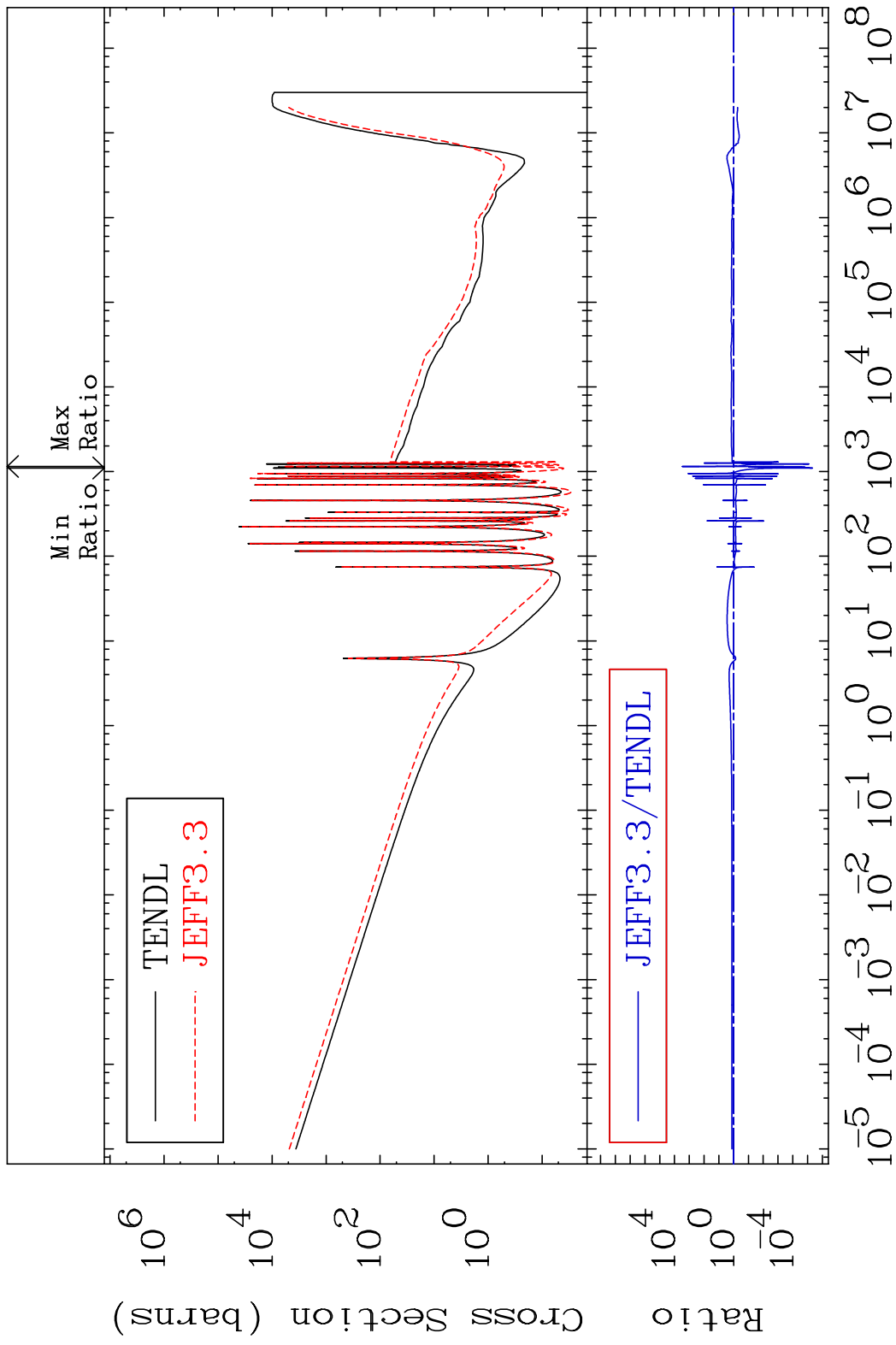
MAT 5046      Dpa elastic (mt2)      50-Sn-119  
 Cross Section      -99.83 To 8910. %



MAT 5046 Dpa inelastic (mt51-91) 50-Sn-119  
 Cross Section -100.0 To 59.54 %



MAT 5046 Dpa disappearance (mt102 -120) 50-Sn-119  
 Cross Section -100.0 To 9999. %



55 Incident Energy (eV) 50-Sn-119