

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

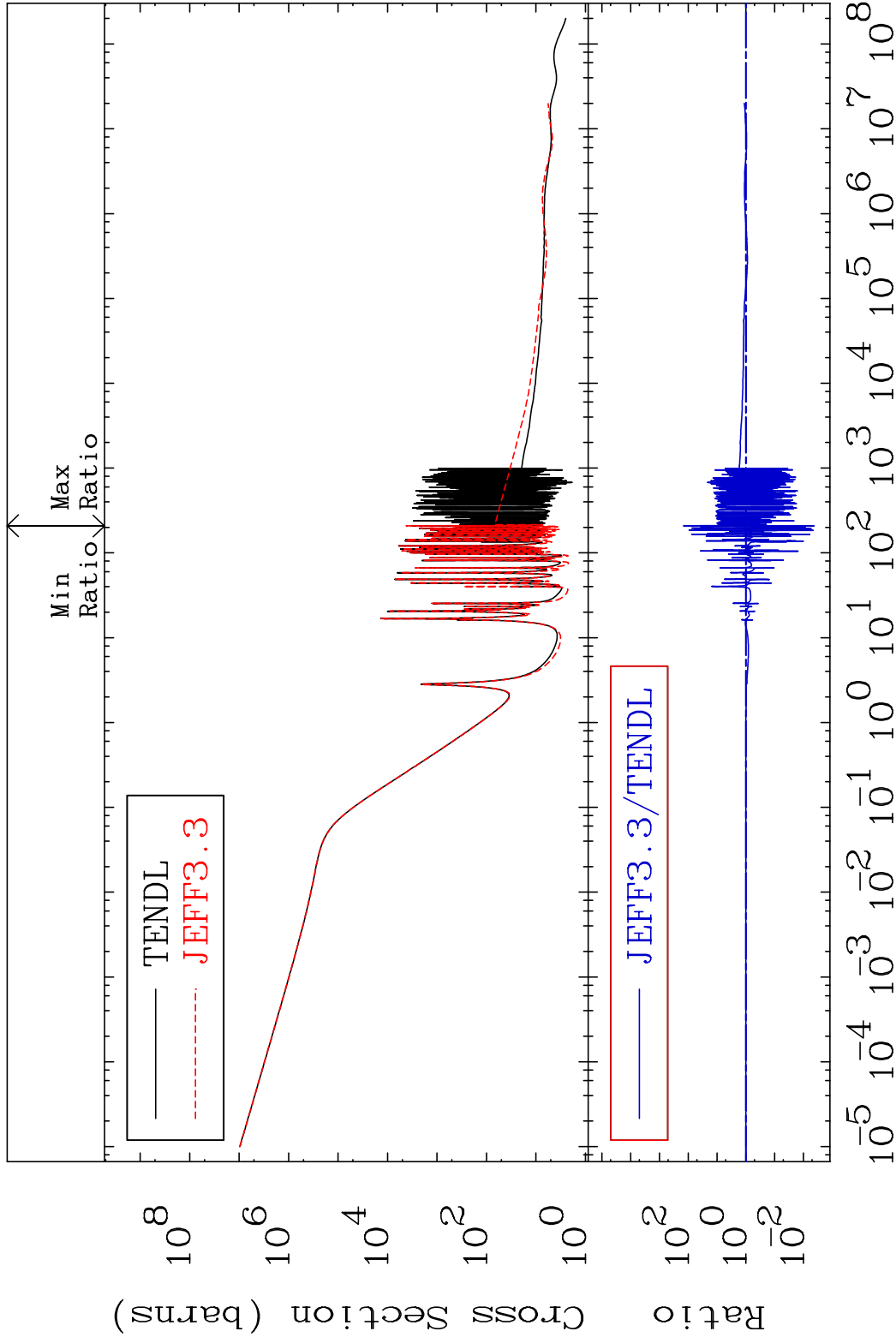
MAT 6440

Total

64-Gd-157

Cross Section

-99.57 To 9999. %



1

Incident Energy (eV)

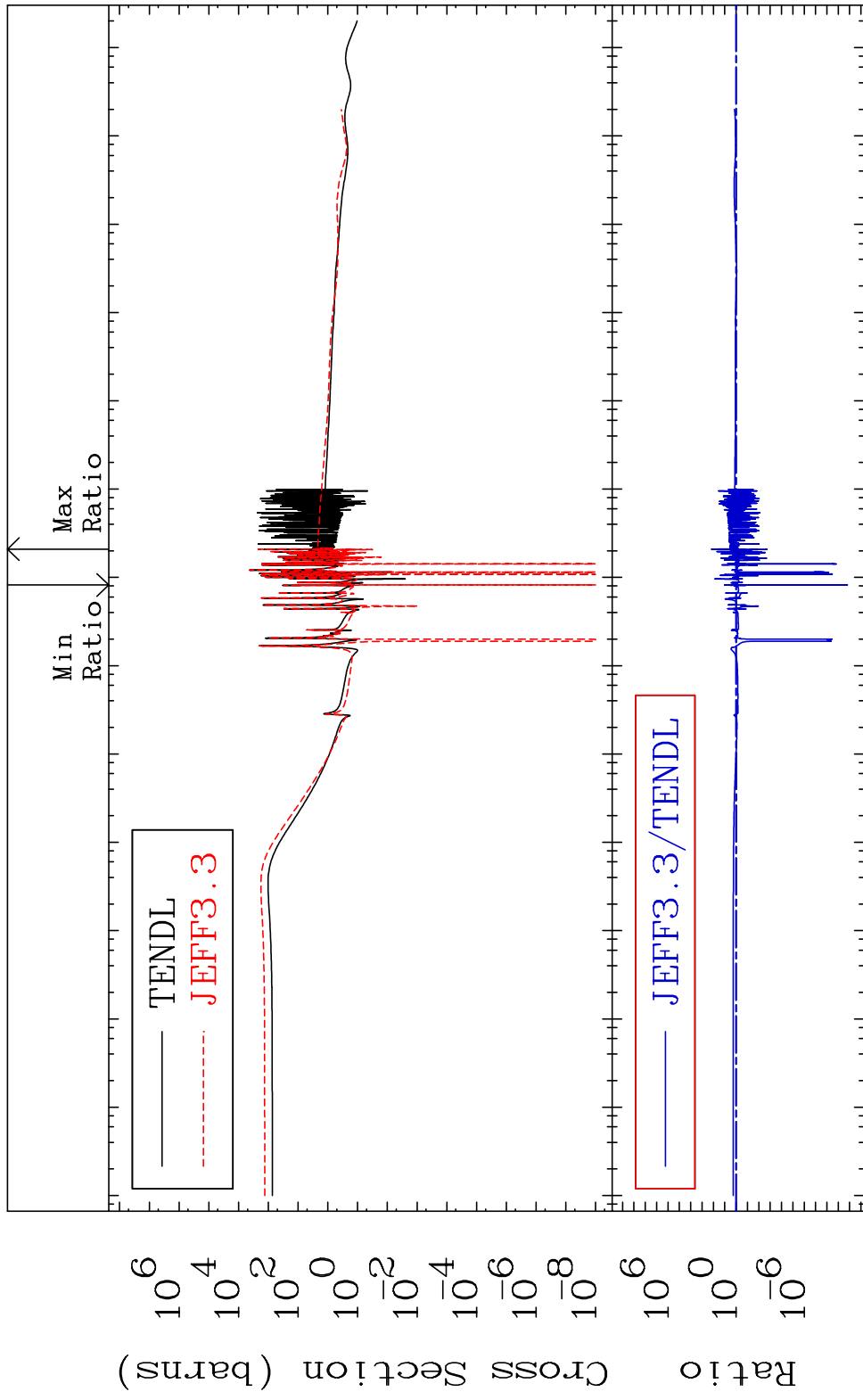
64-Gd-157

MAT 6440

Elastic

64-Gd-157

Cross Section -100.0 To 9999. %

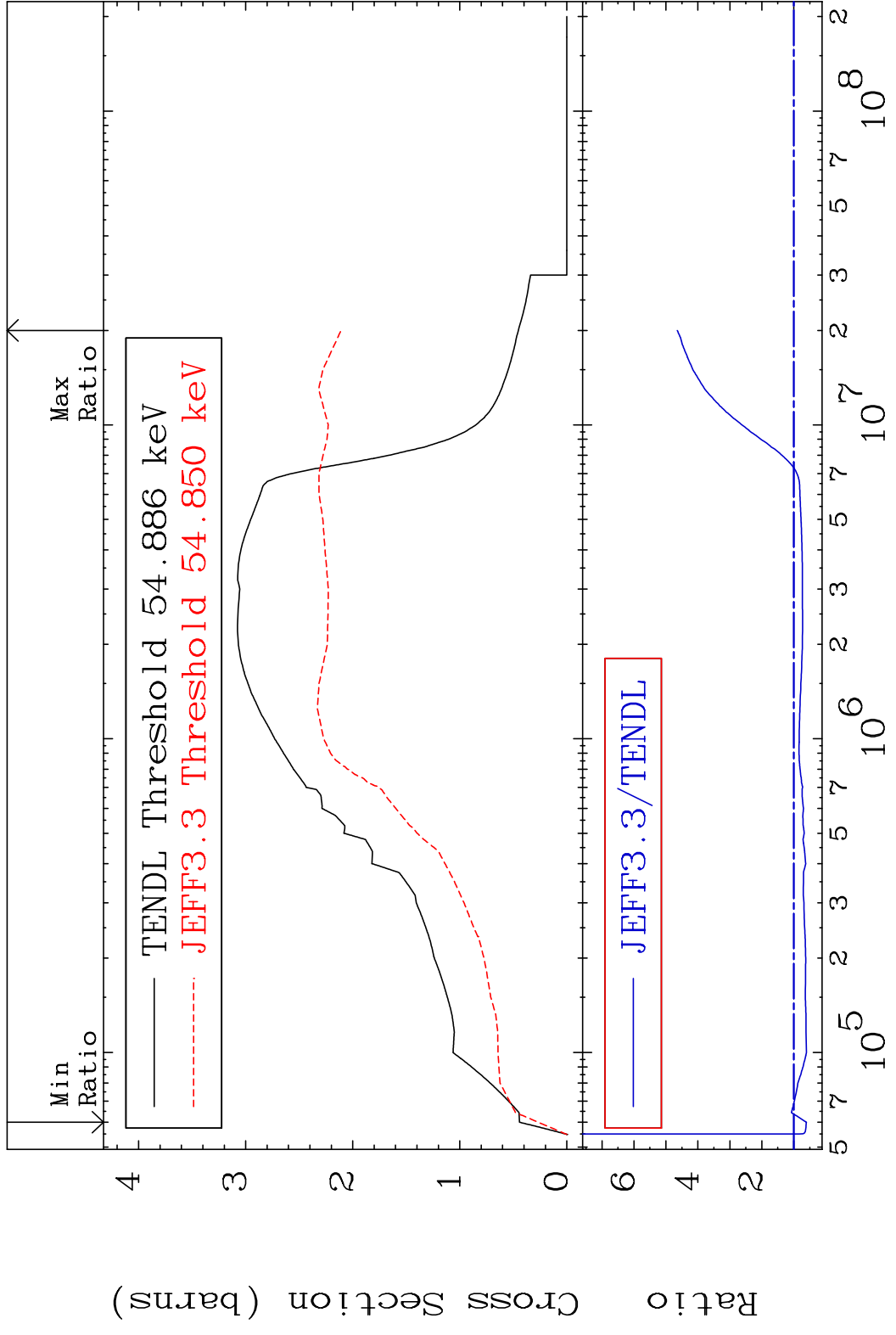


2

Incident Energy (eV)

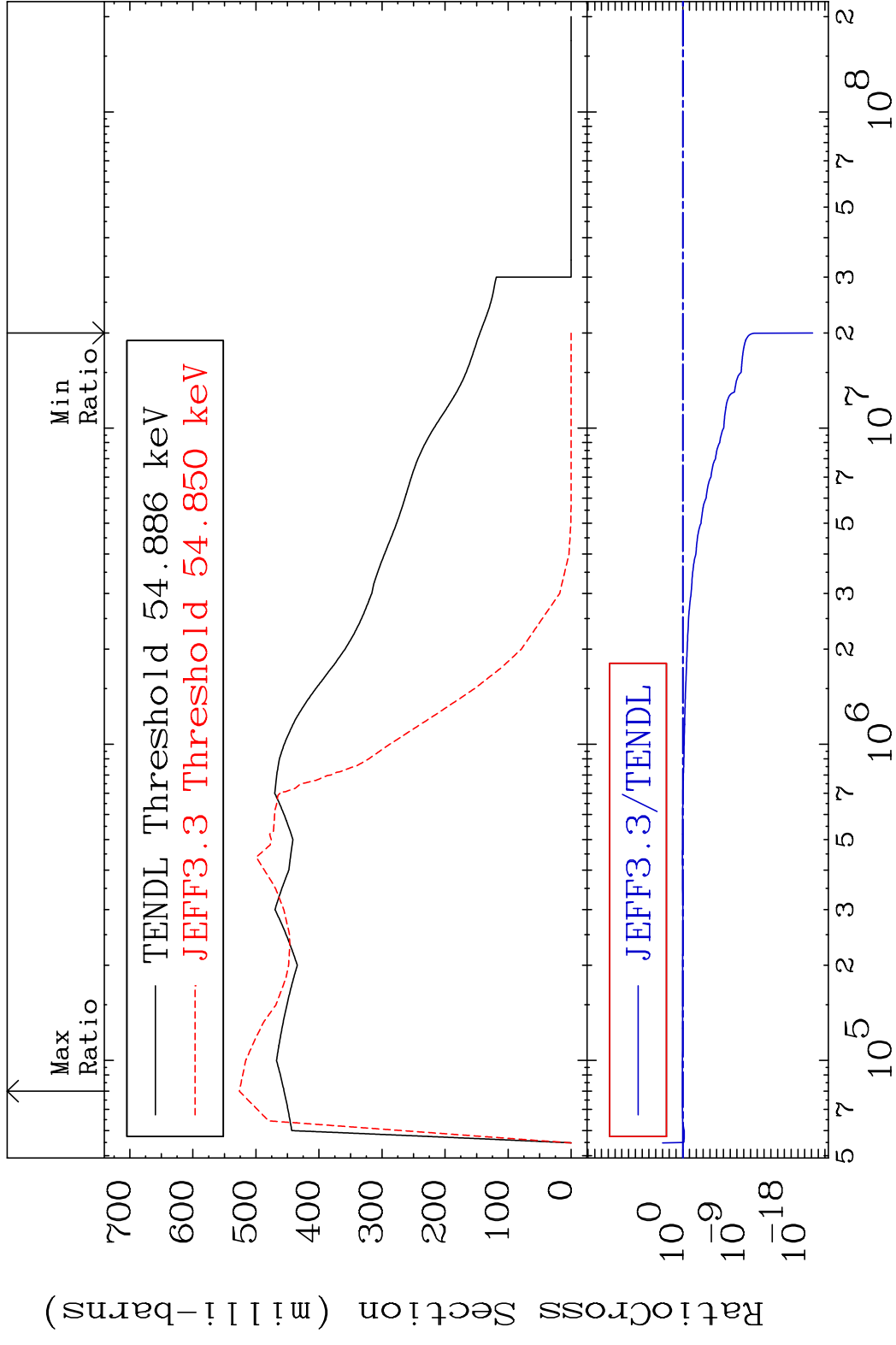
64-Gd-157

MAT 6440 Inelastic 64-Gd-157  
 Cross Section -39.56 To 364.8 %

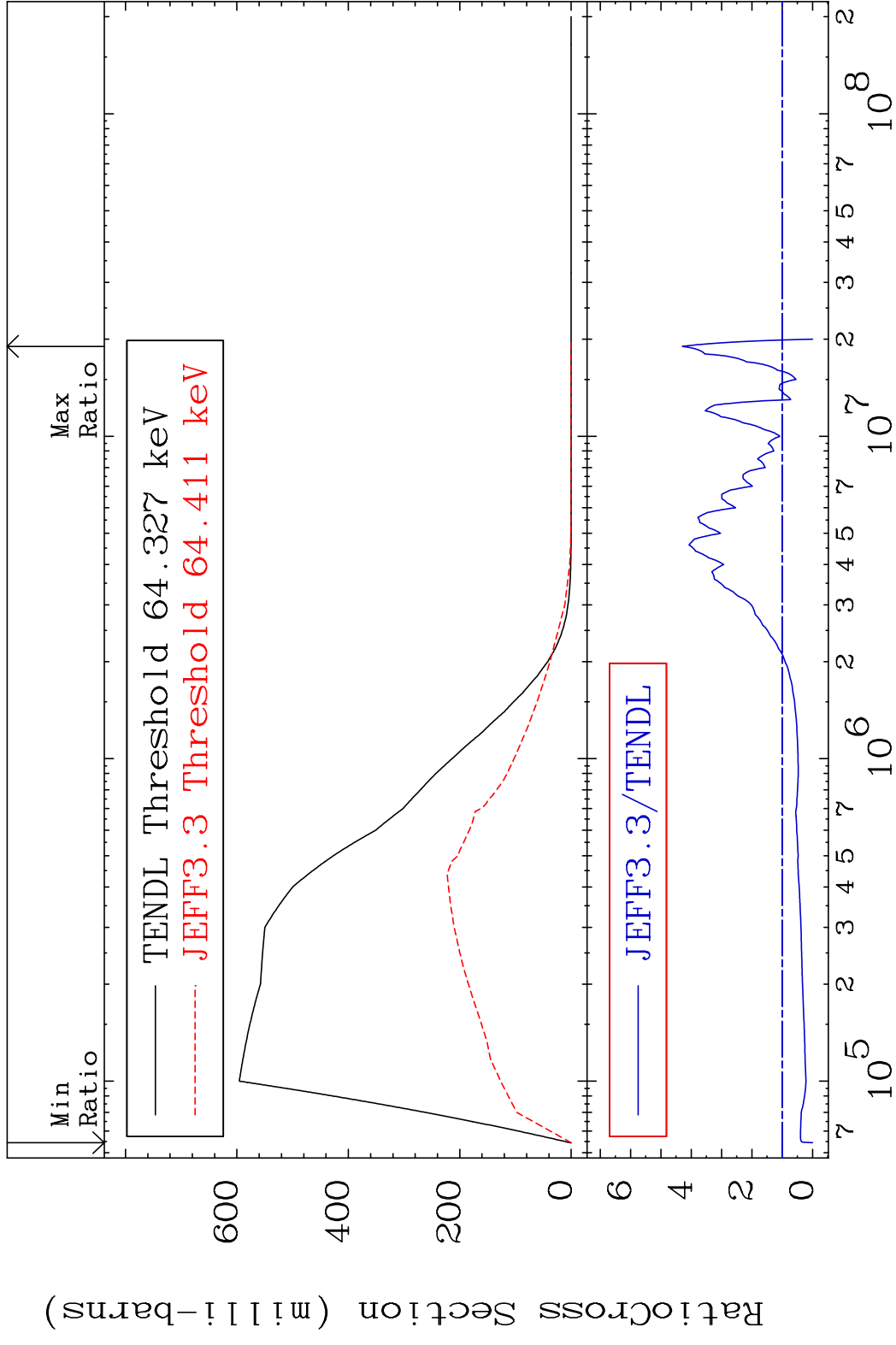


3 Incident Energy (eV) 64-Gd-157

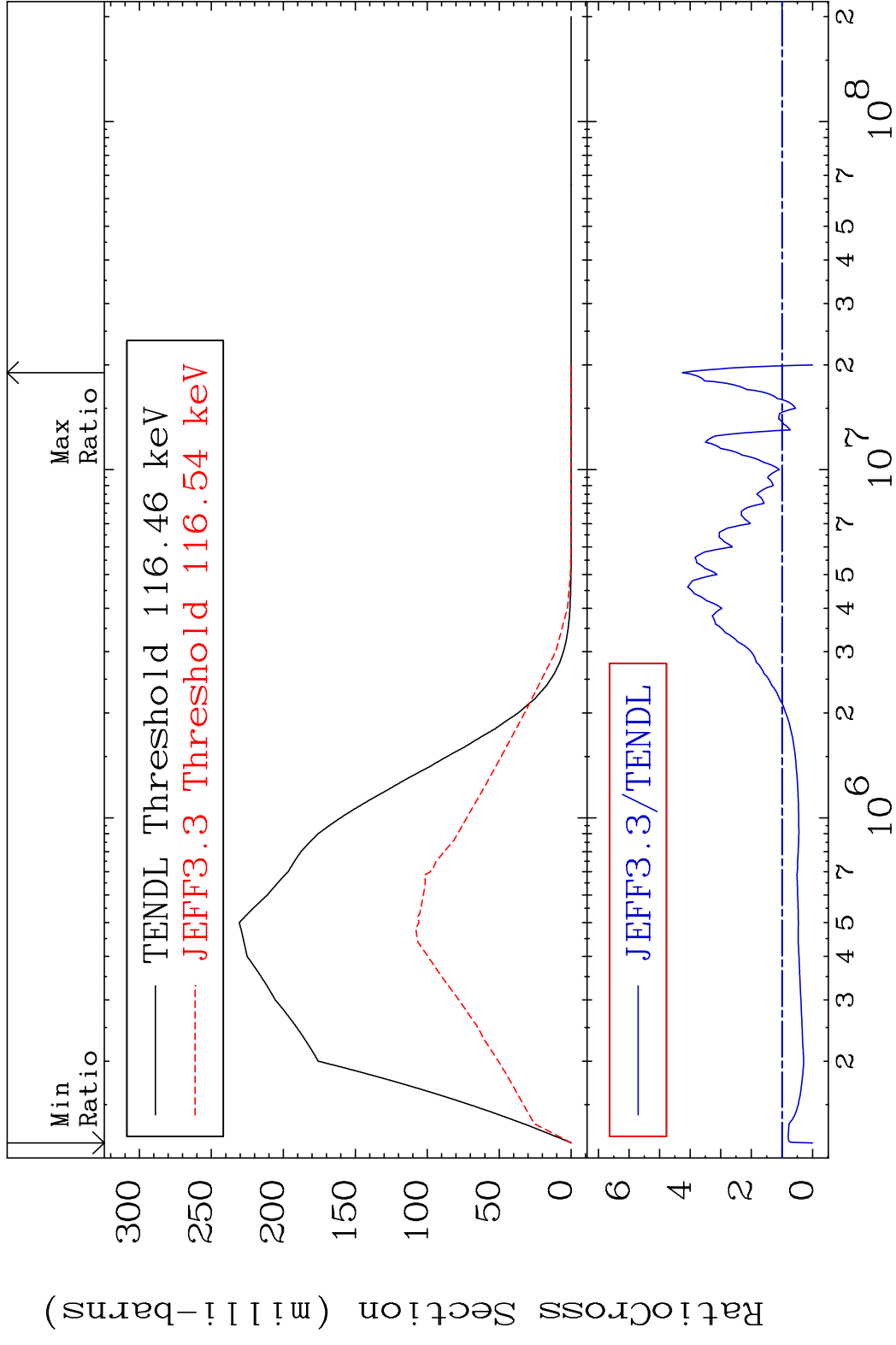
MAT 6440 MT= 51 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 15.61 %



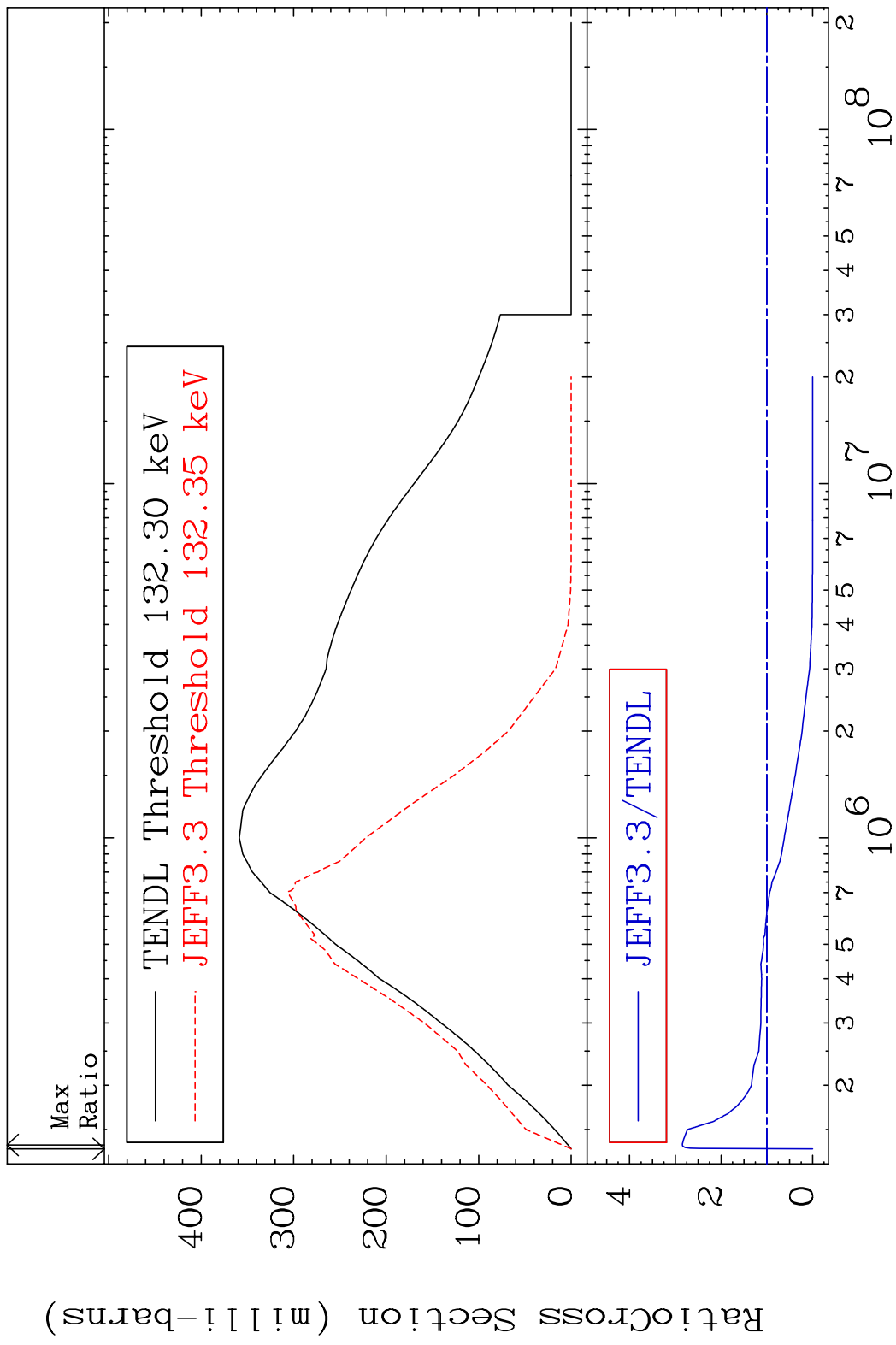
MAT 6440 MT= 52 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 329.3 %



MAT 6440 MT= 53 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 325.6 %

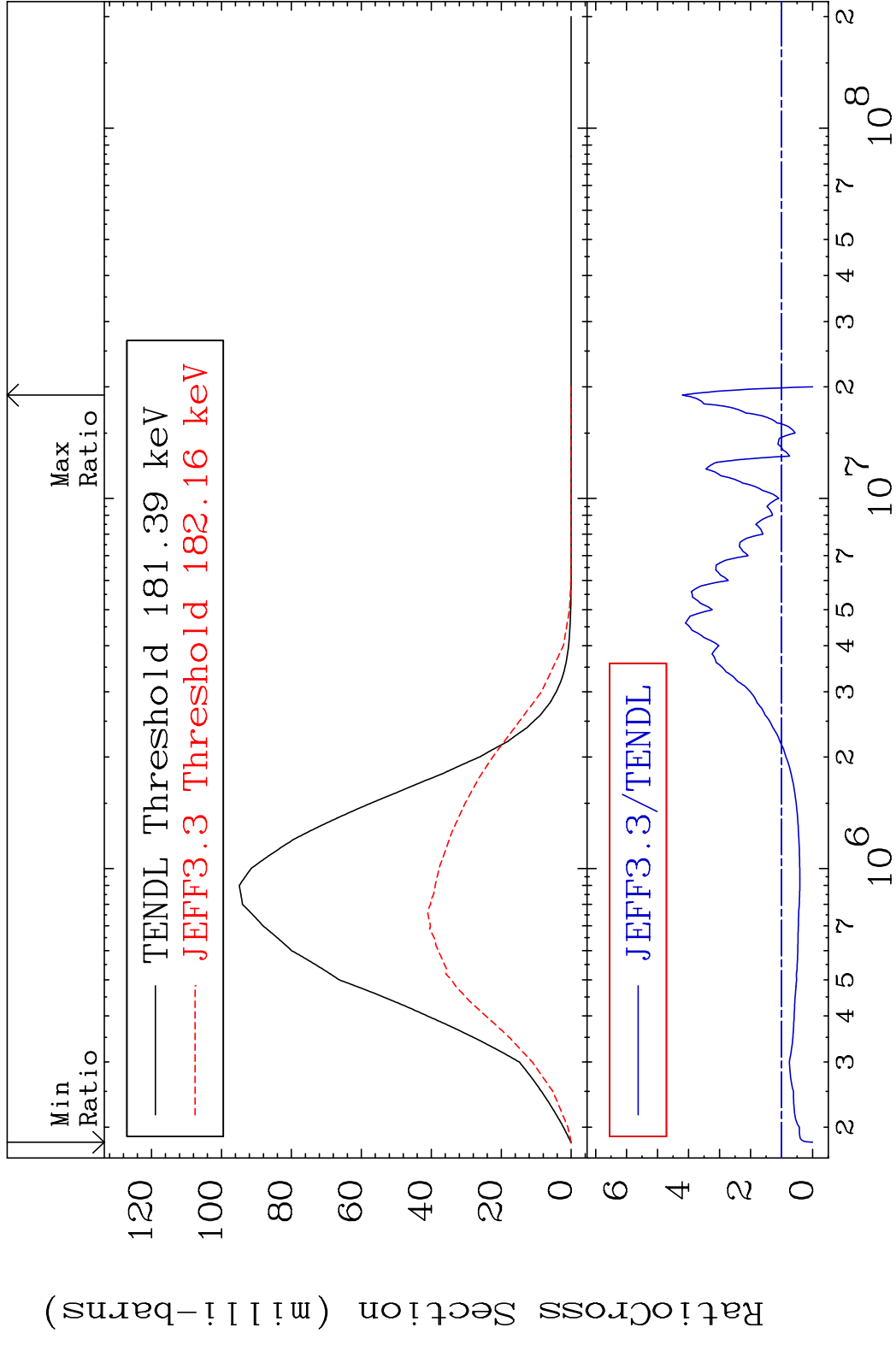


MAT 6440 MT= 54 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 184.6 %

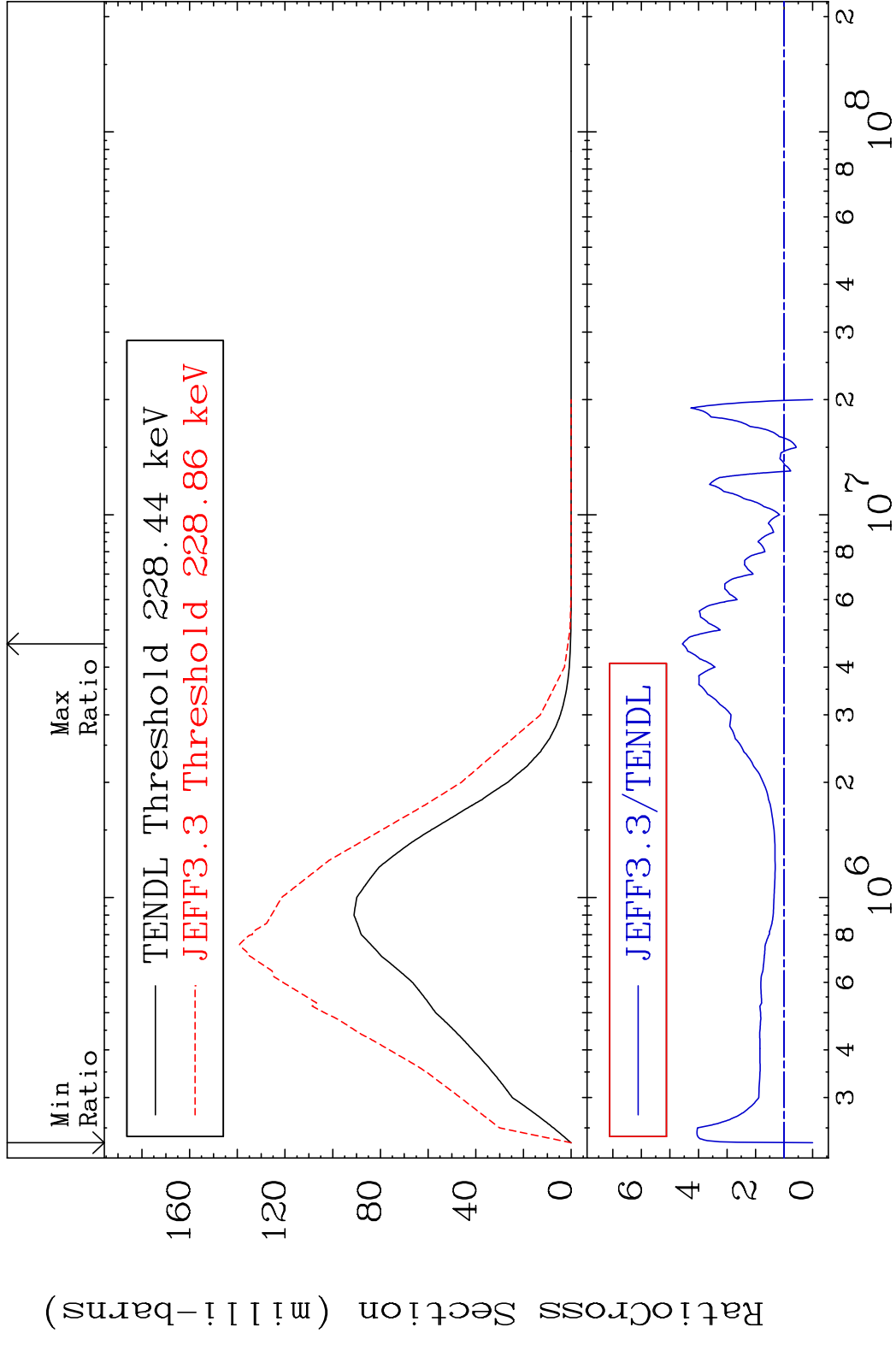




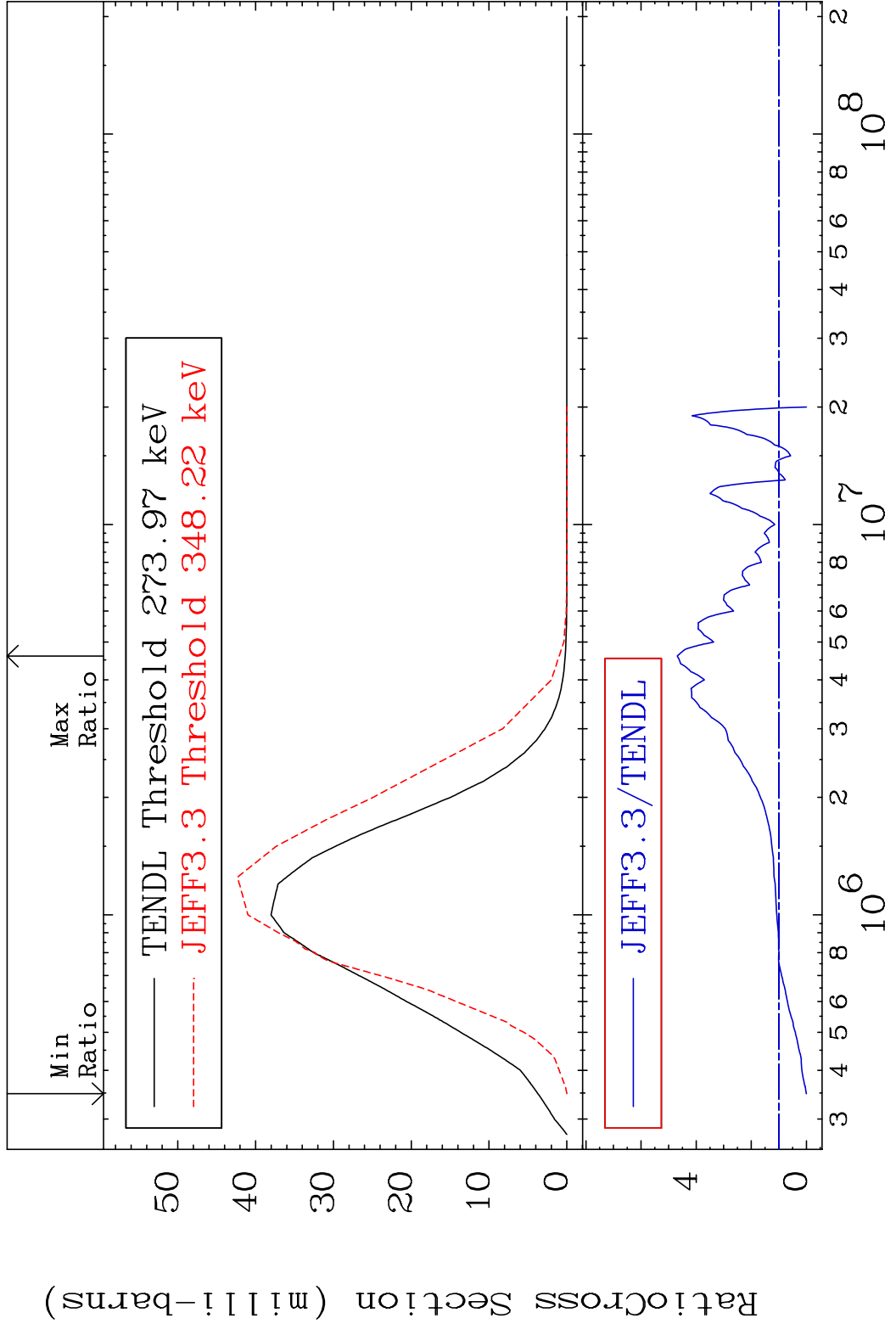
MAT 6440 MT= 55 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 320.1 %



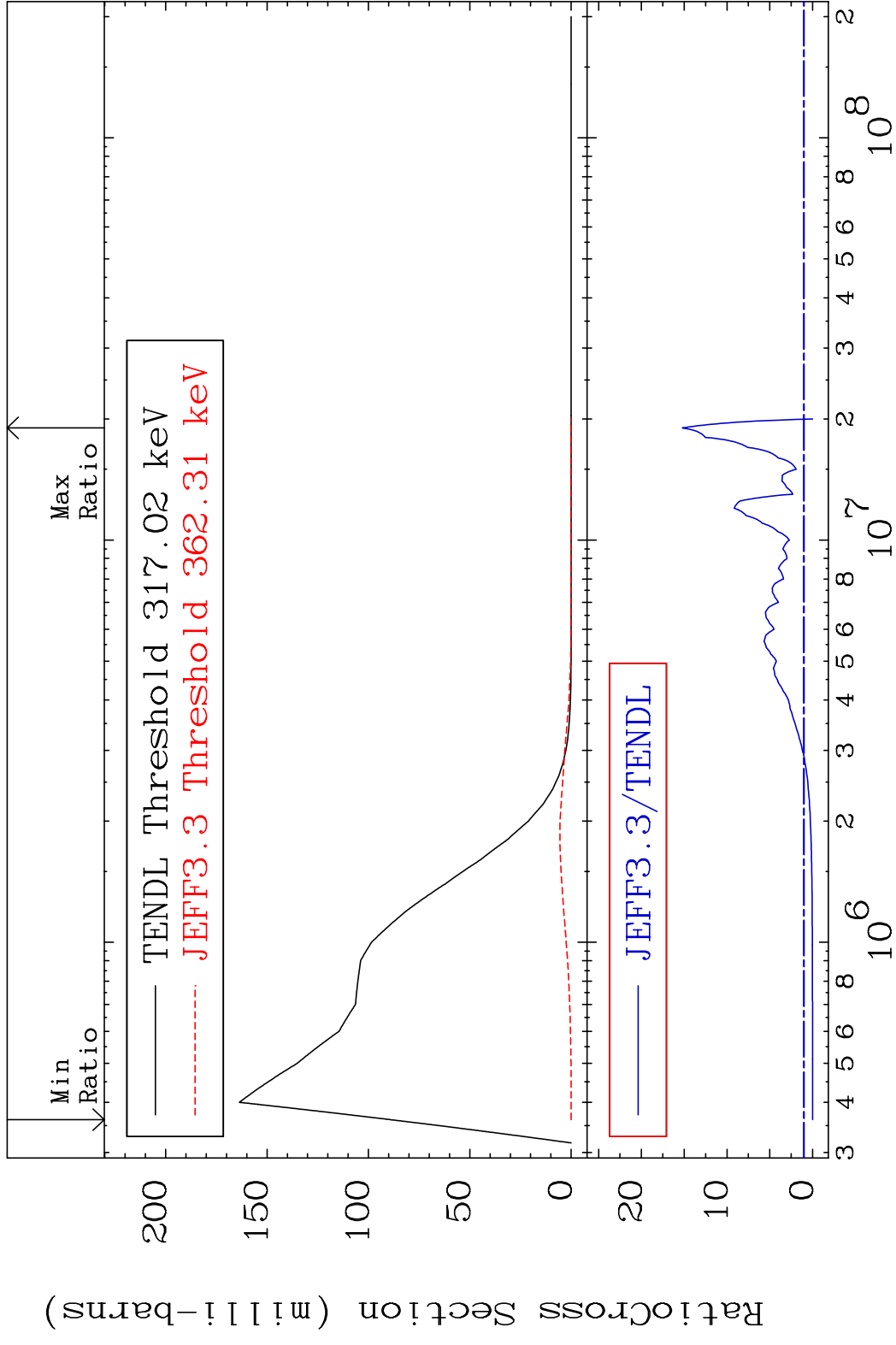
MAT 6440 MT= 56 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 356.5 %



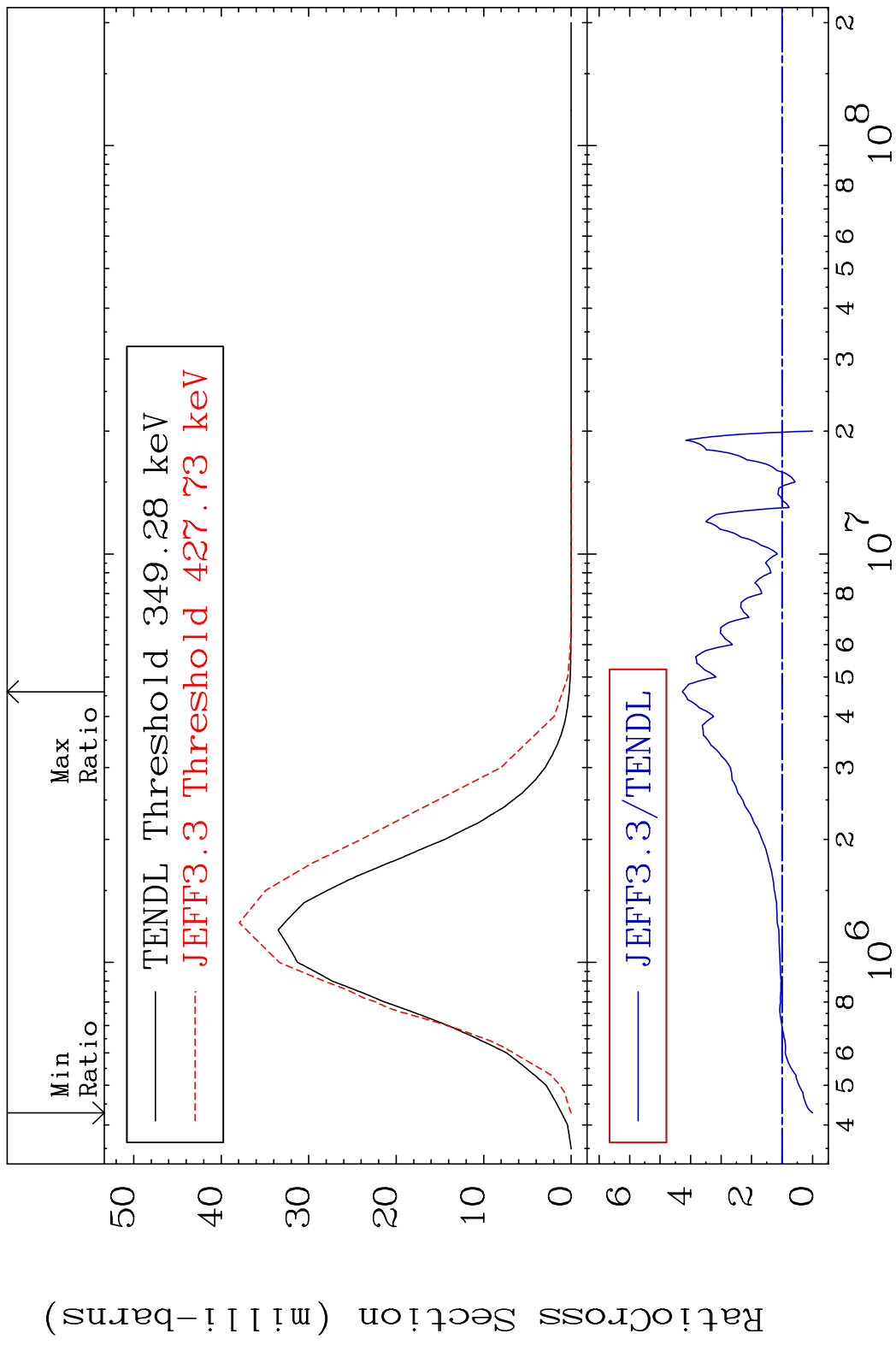
MAT 6440 MT= 57 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 368.8 %



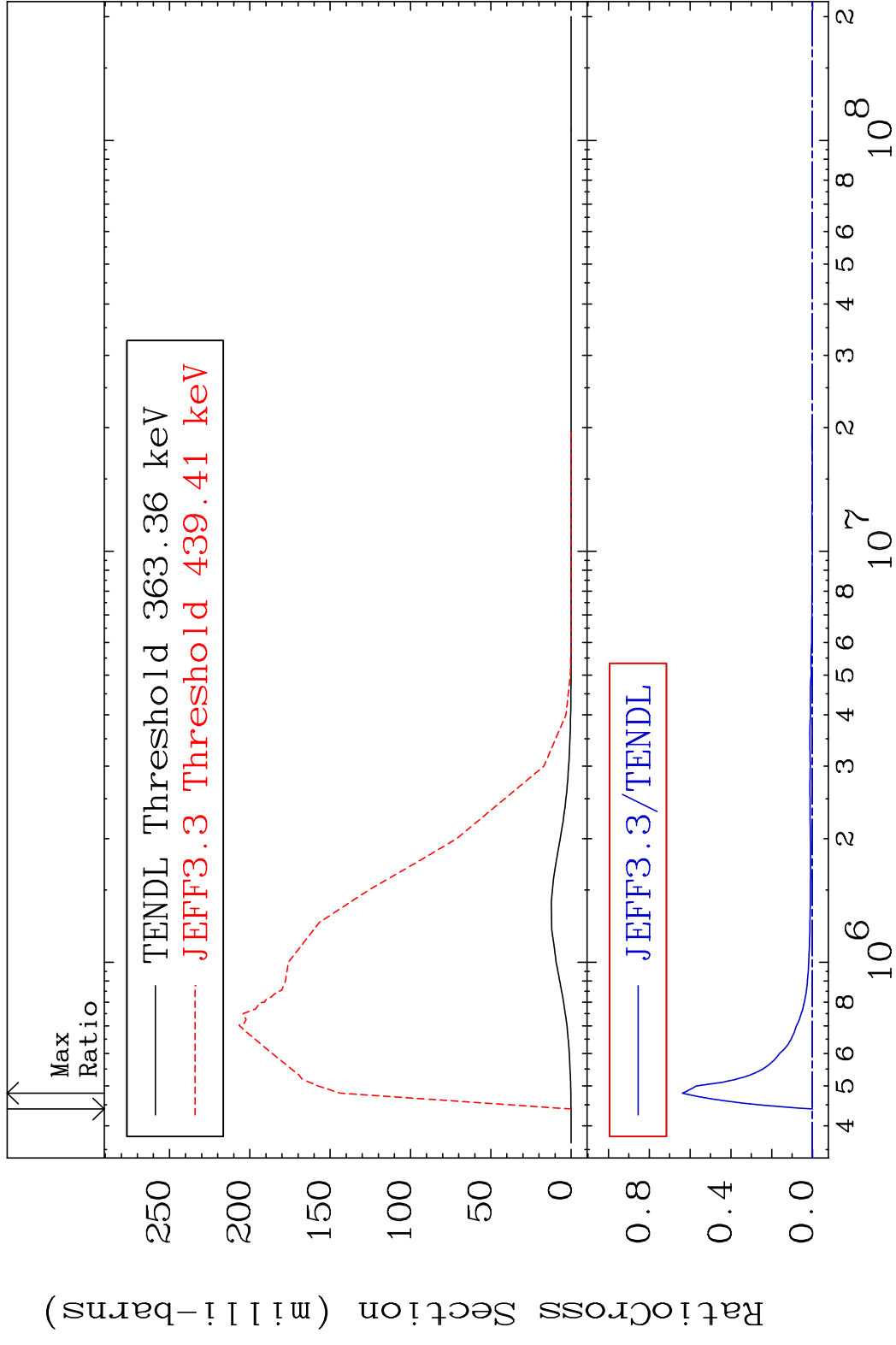
MAT 6440 MT= 58 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 1422. %



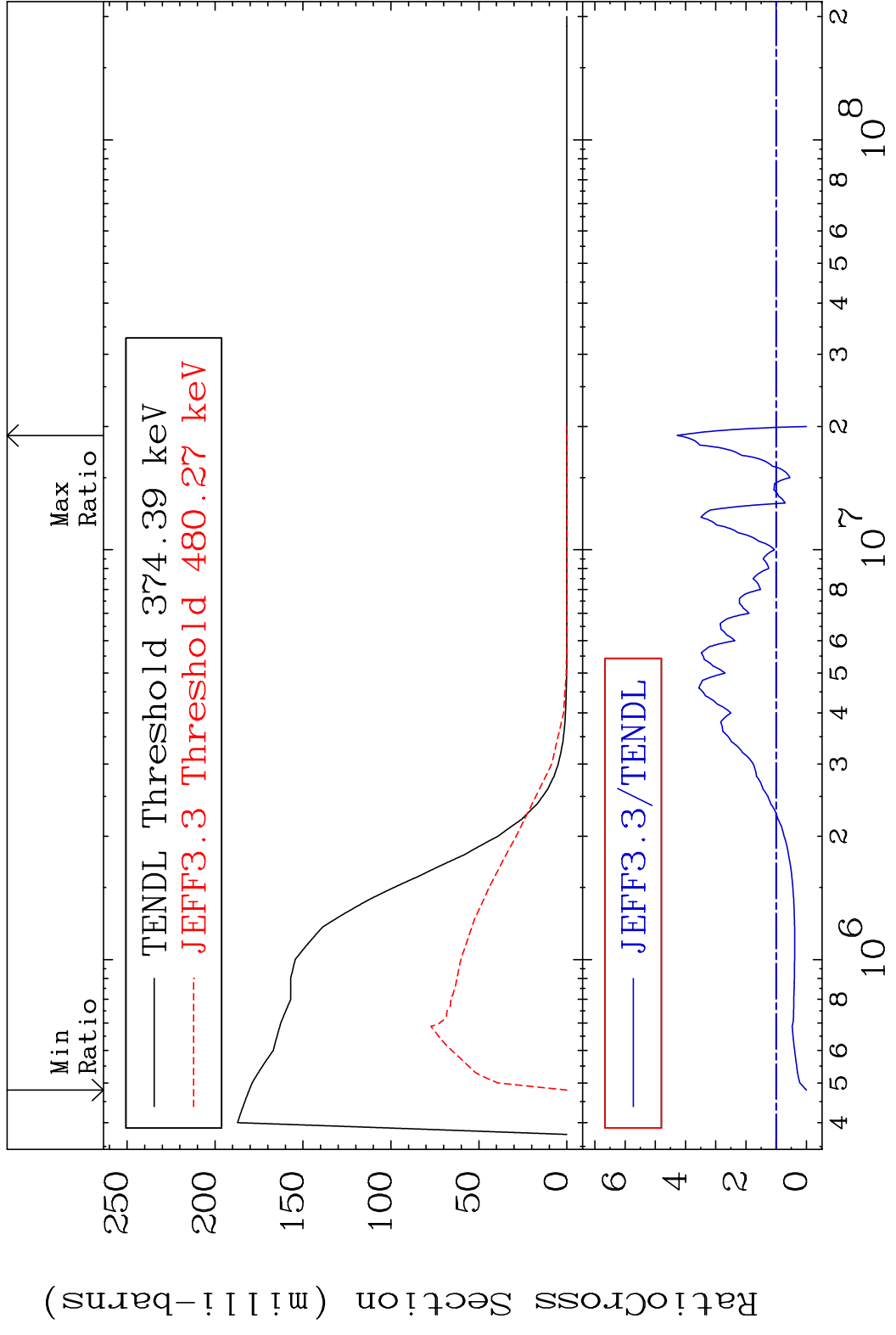
MAT 6440 MT= 59 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 327.1 %



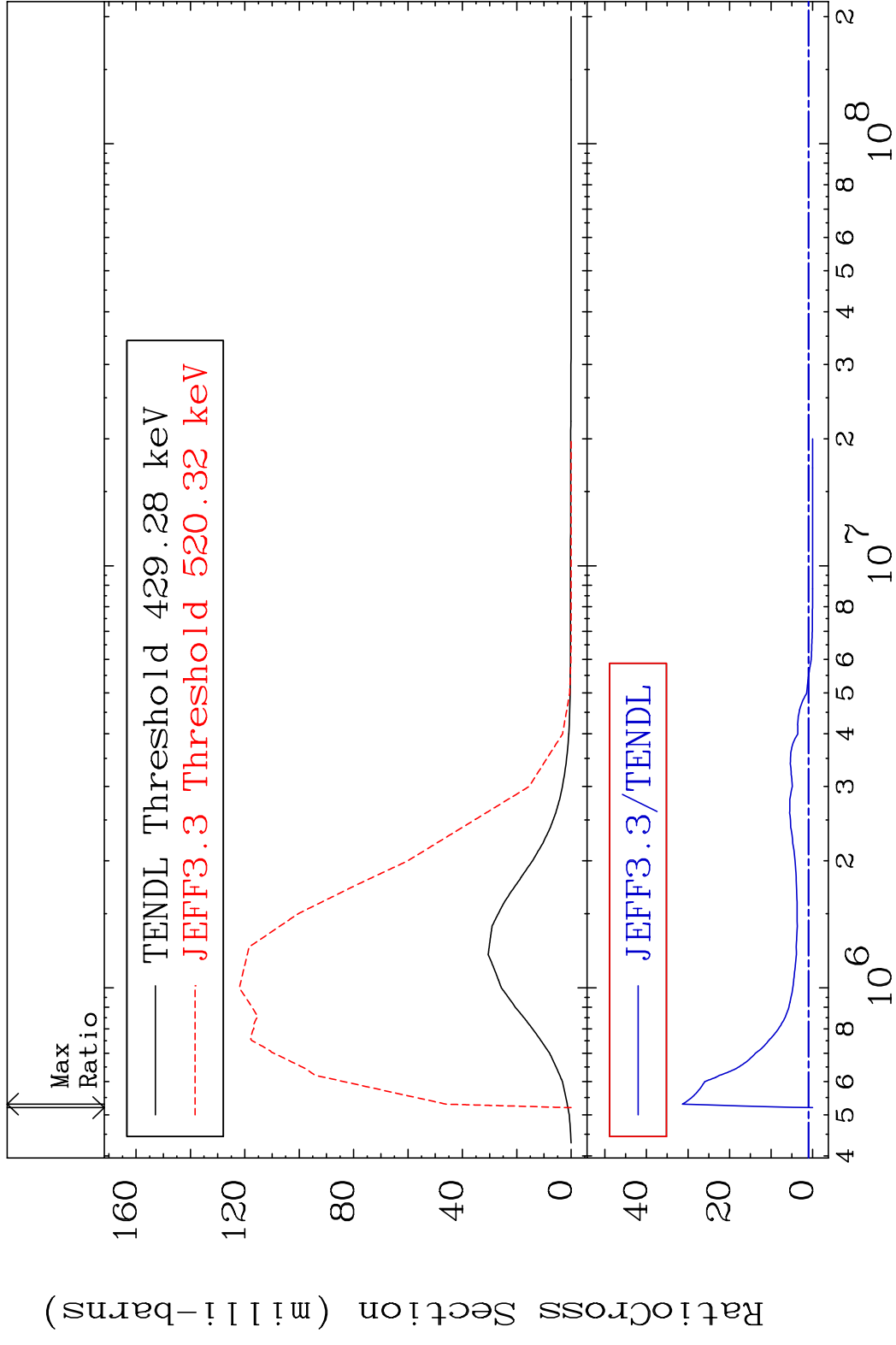
MAT 6440 MT= 60 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 9999. %



MAT 6440 MT= 61 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 327.7 %

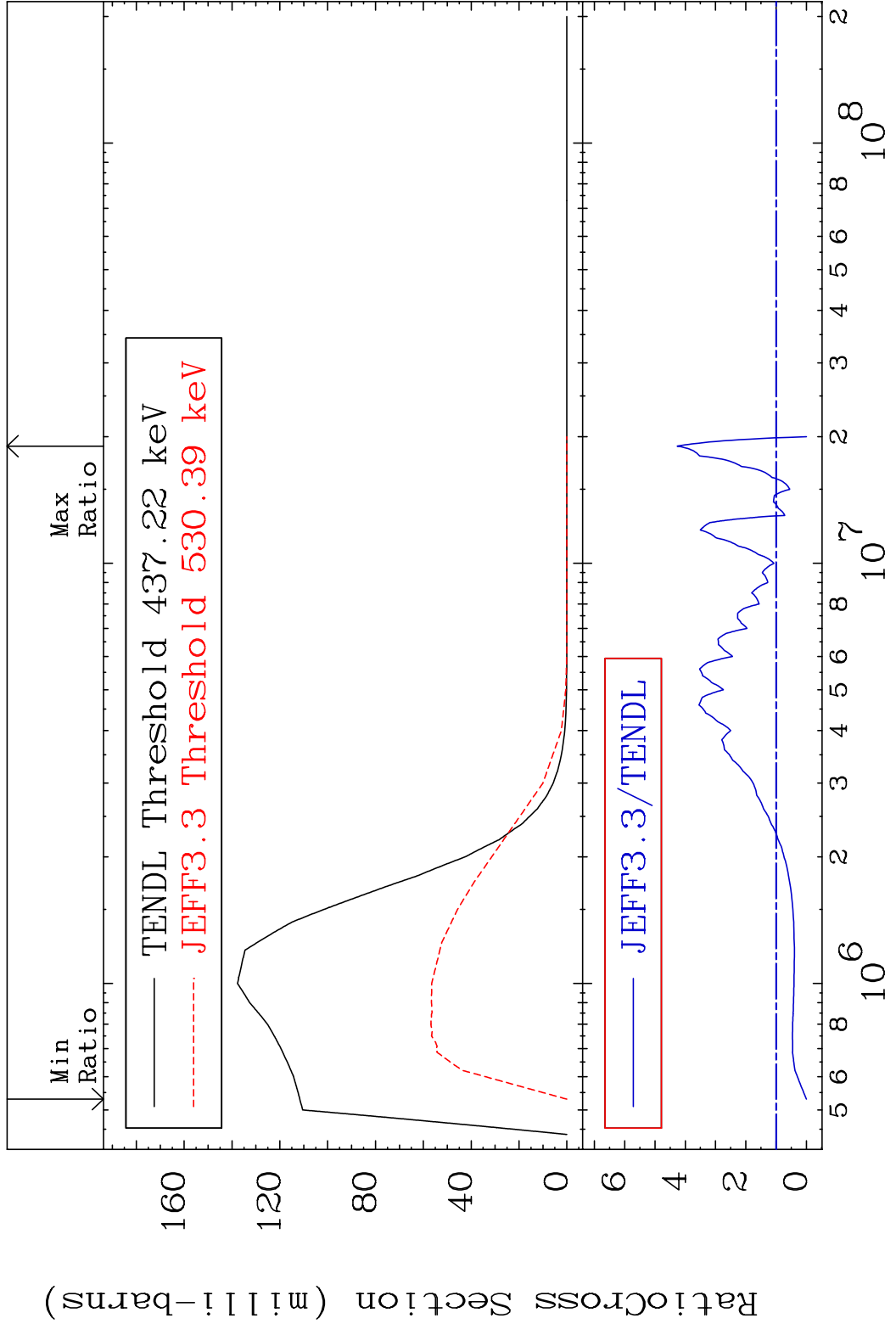


MAT 6440 MT= 62 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 3036. %

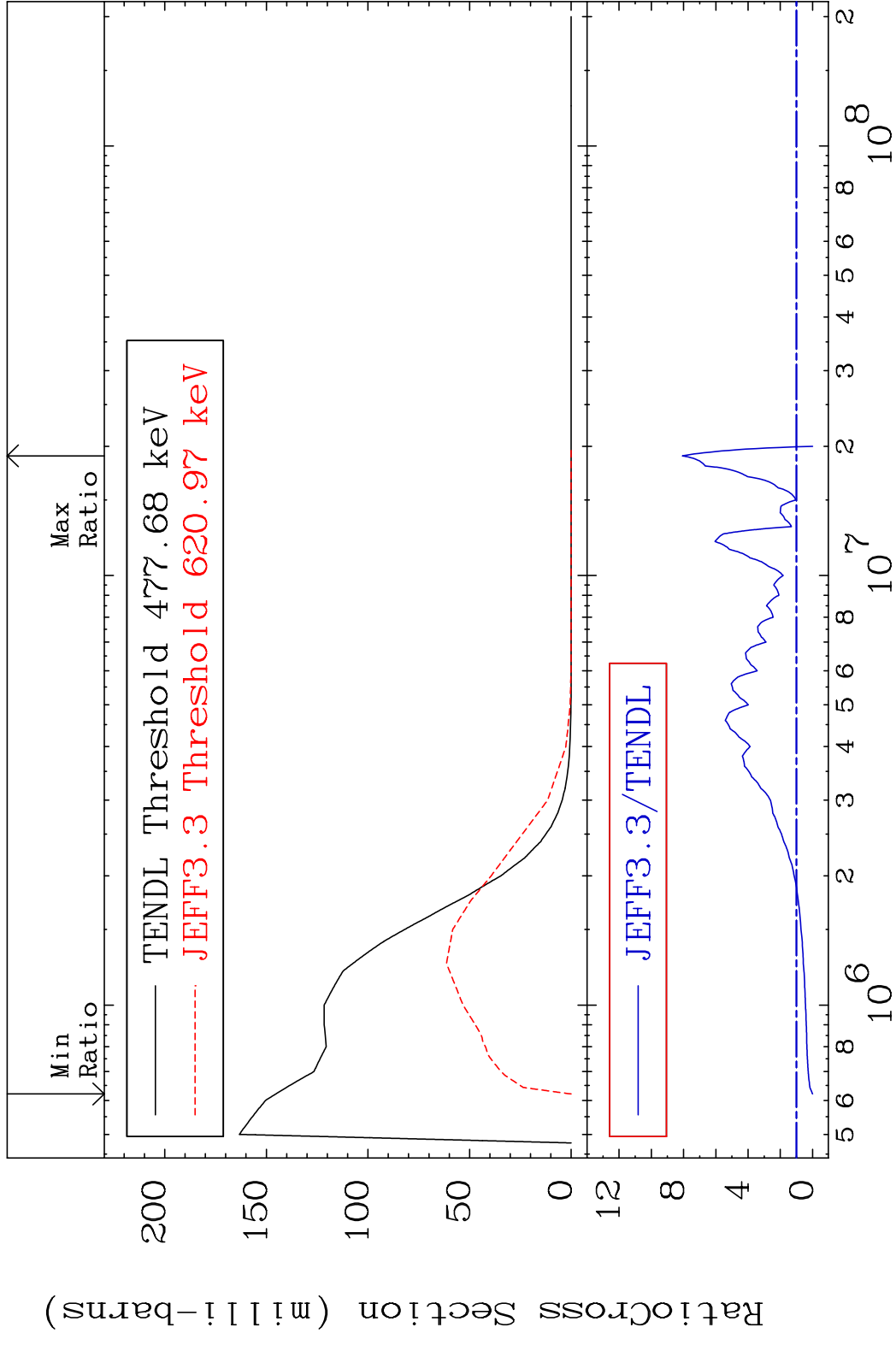




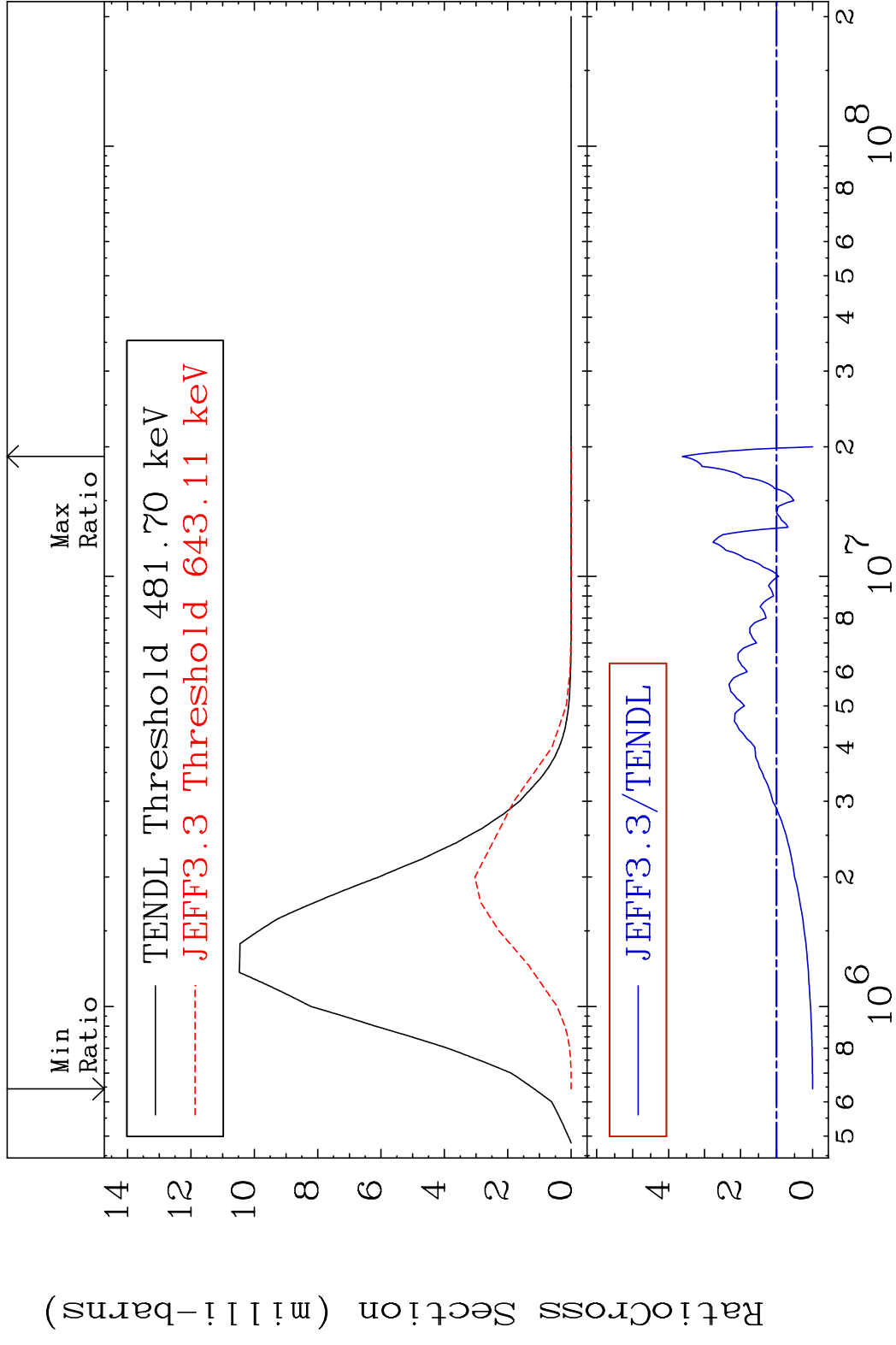
MAT 6440 MT= 63 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 326.7 %



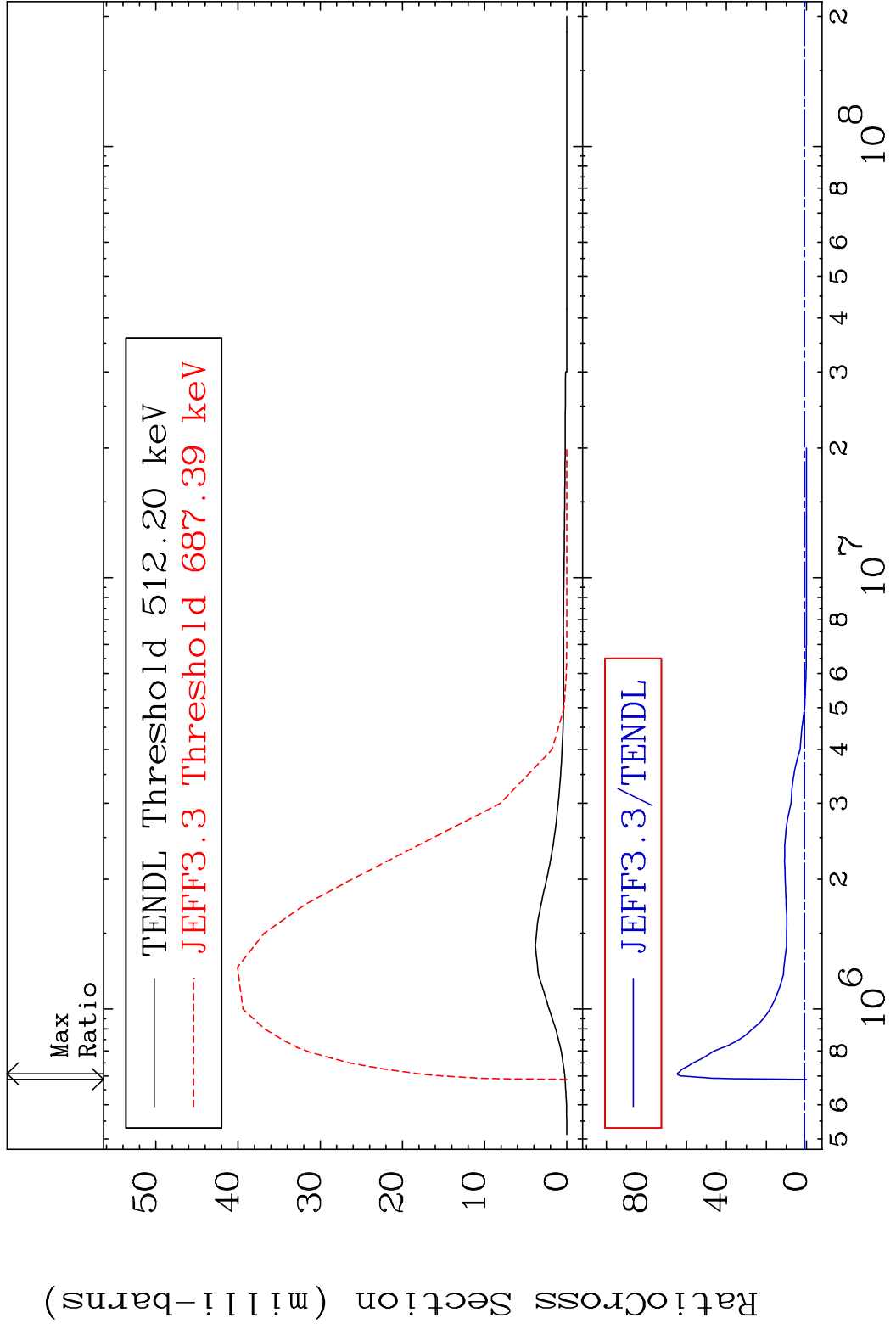
MAT 6440 MT= 64 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 707.5 %



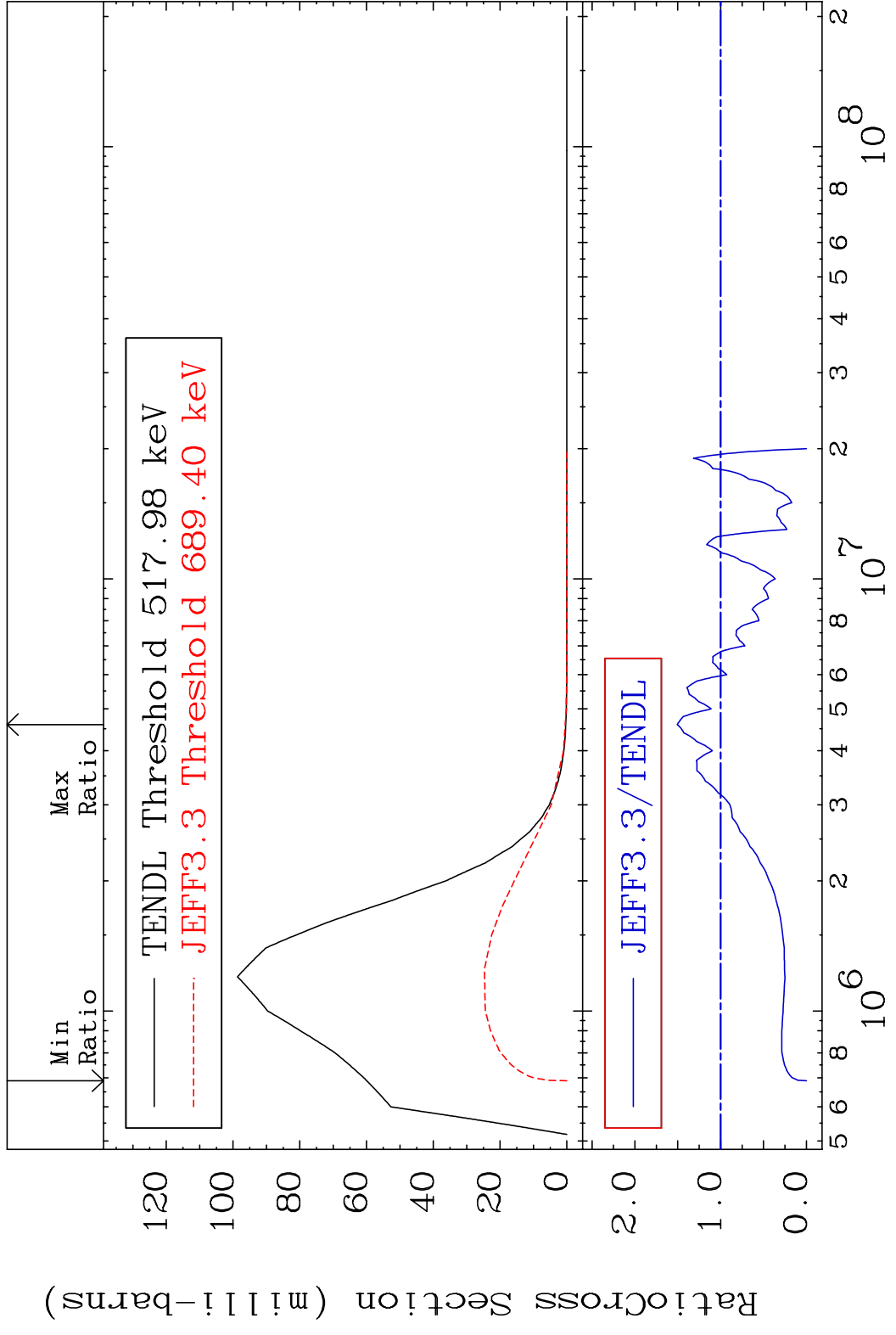
MAT 6440 MT= 65 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 261.8 %



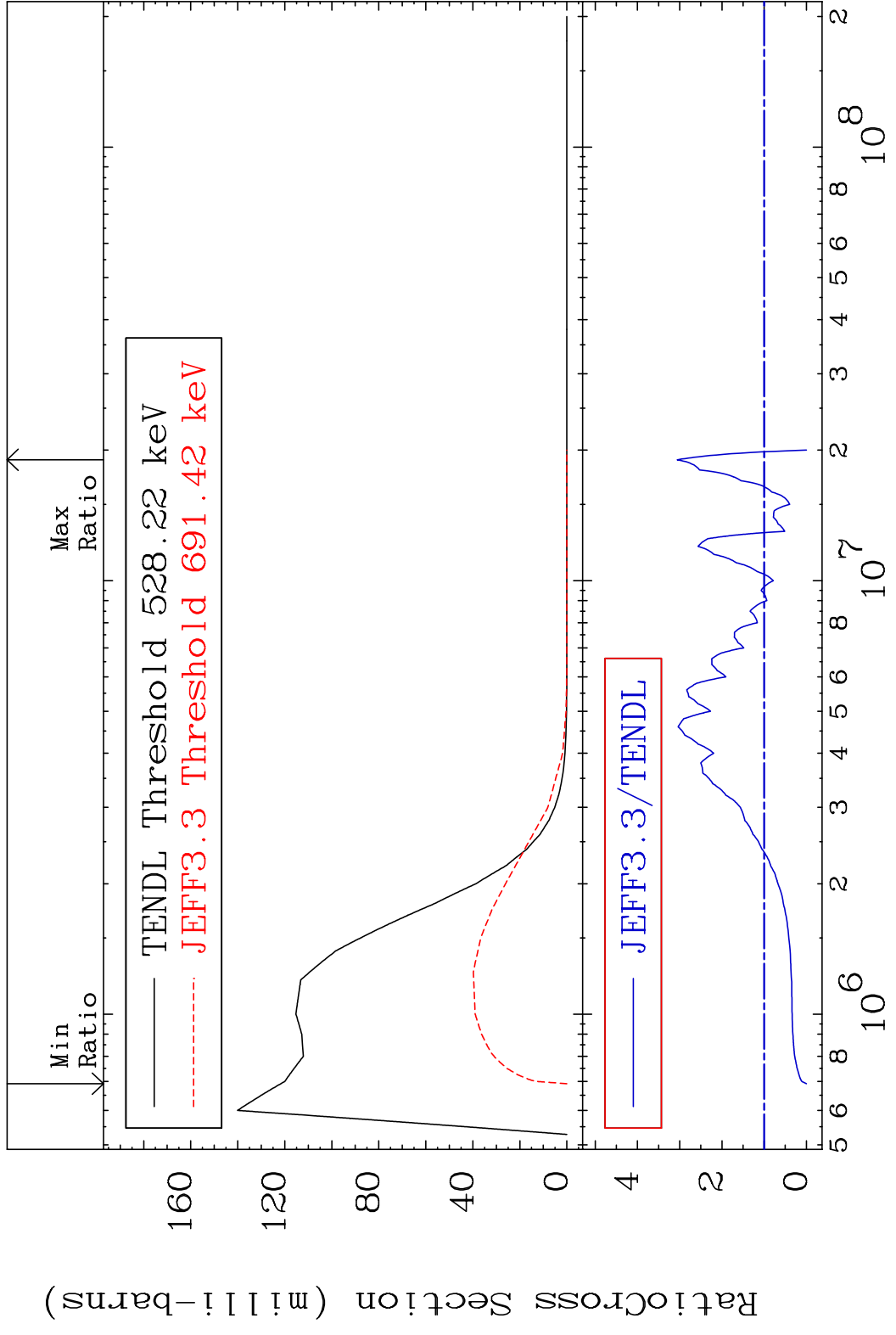
MAT 6440 MT= 66 (n,n') Level 64-Gd-157  
 Cross Section -100.0 To 6362. %



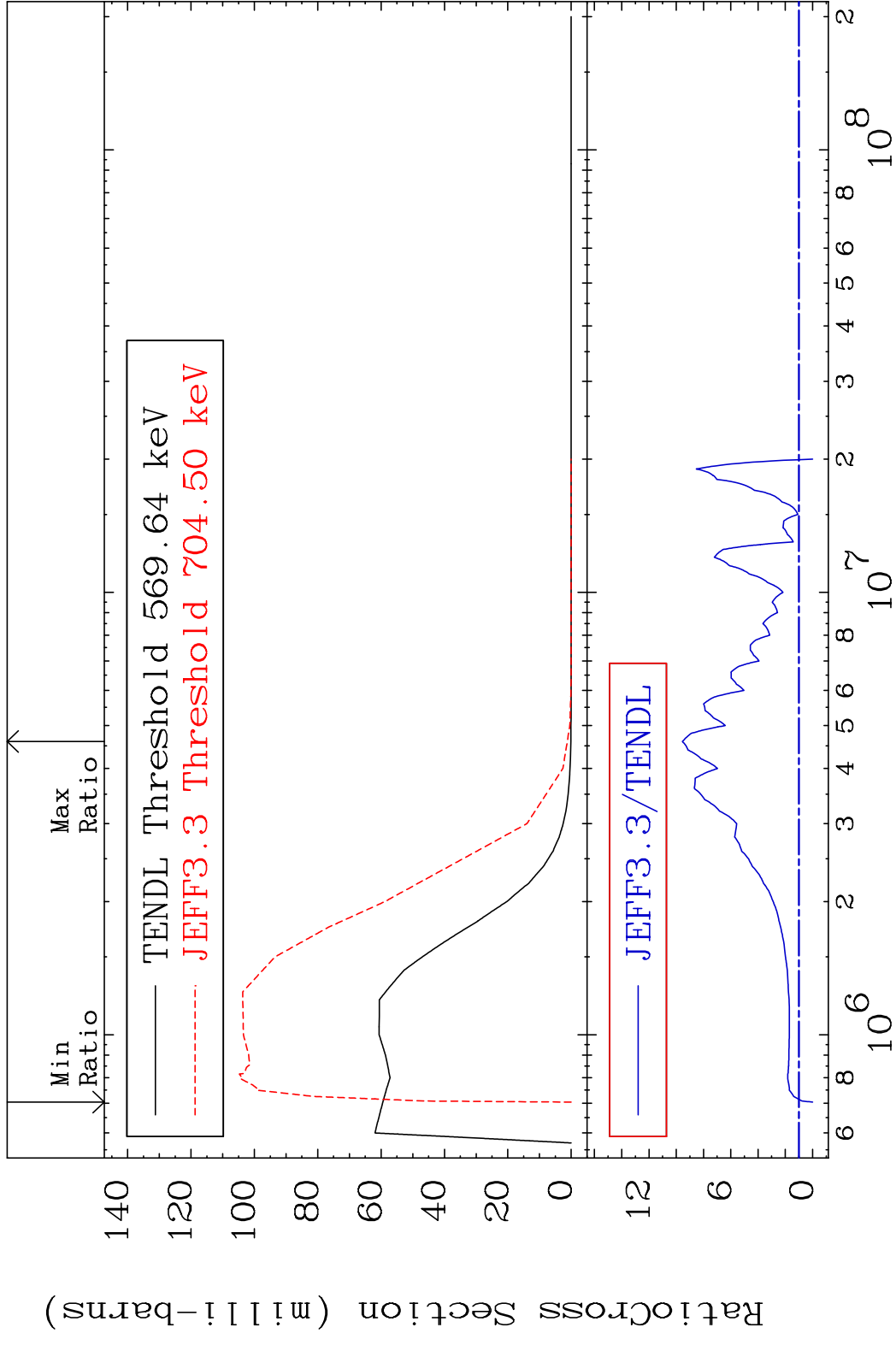
MAT 6440 MT= 67 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 50.68 %



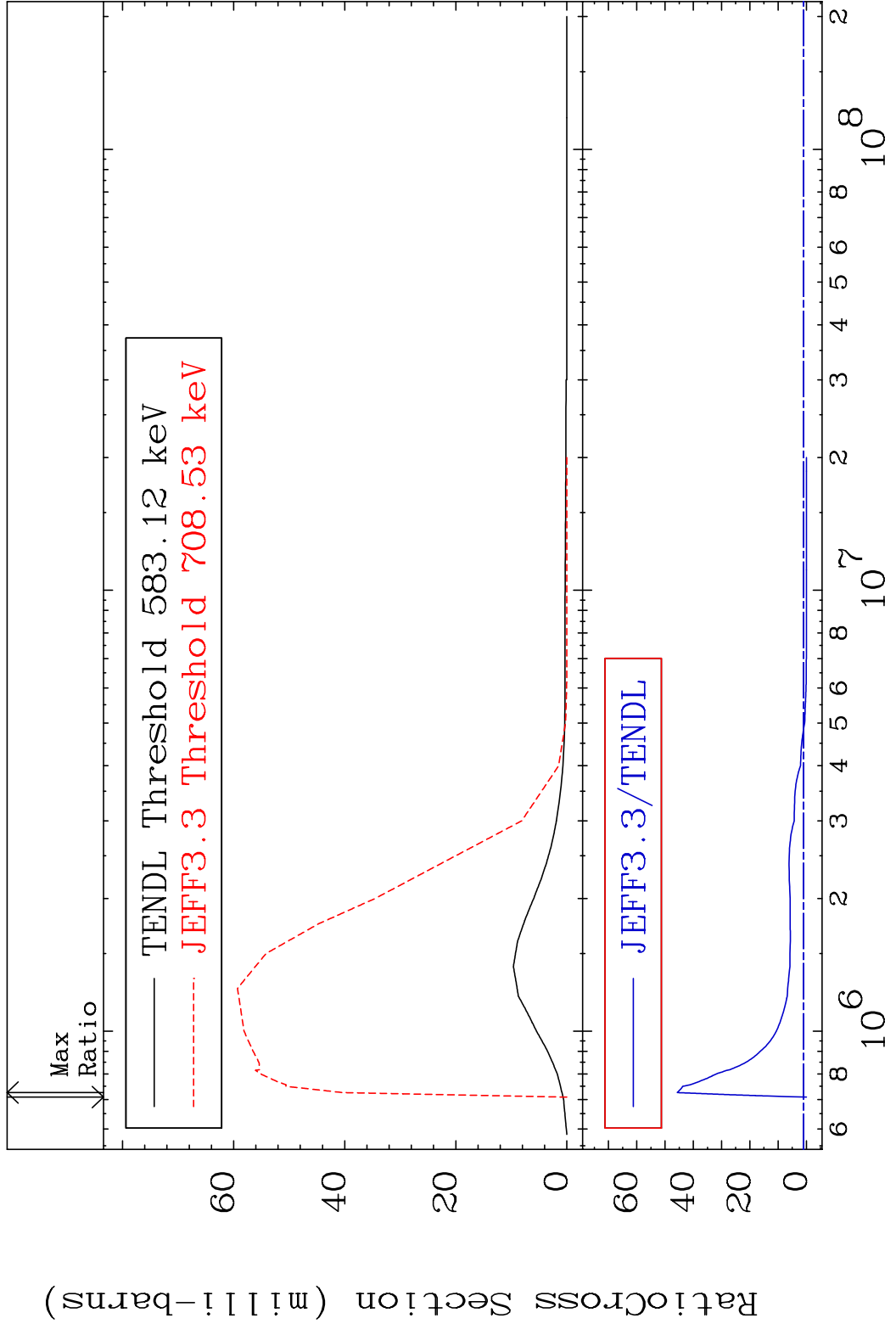
MAT 6440 MT= 68 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 205.9 %



MAT 6440 MT= 69 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 855.3 %

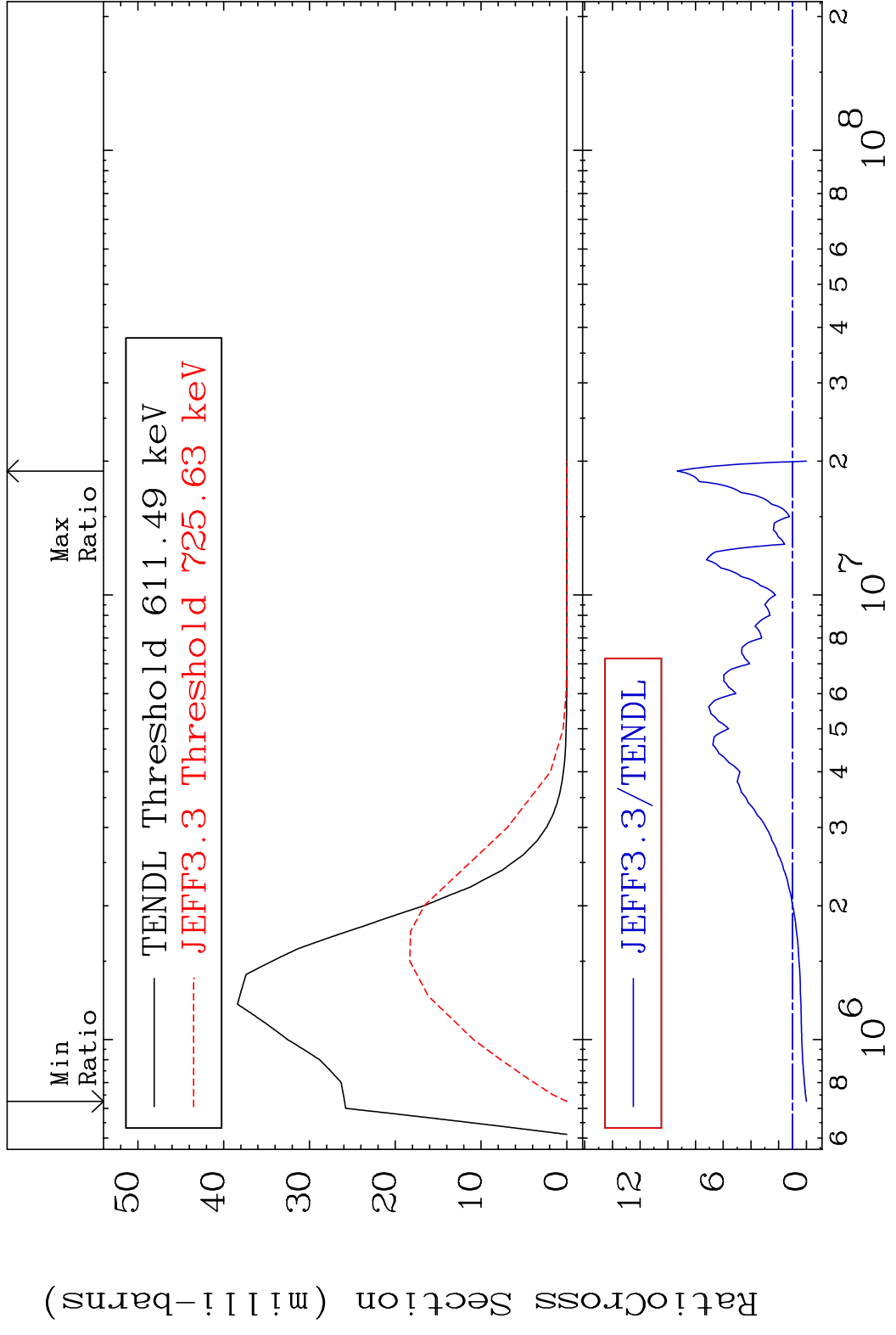


MAT 6440 MT= 70 (n,n') Level 64-Gd-157  
 Cross Section -100.0 To 4470. %

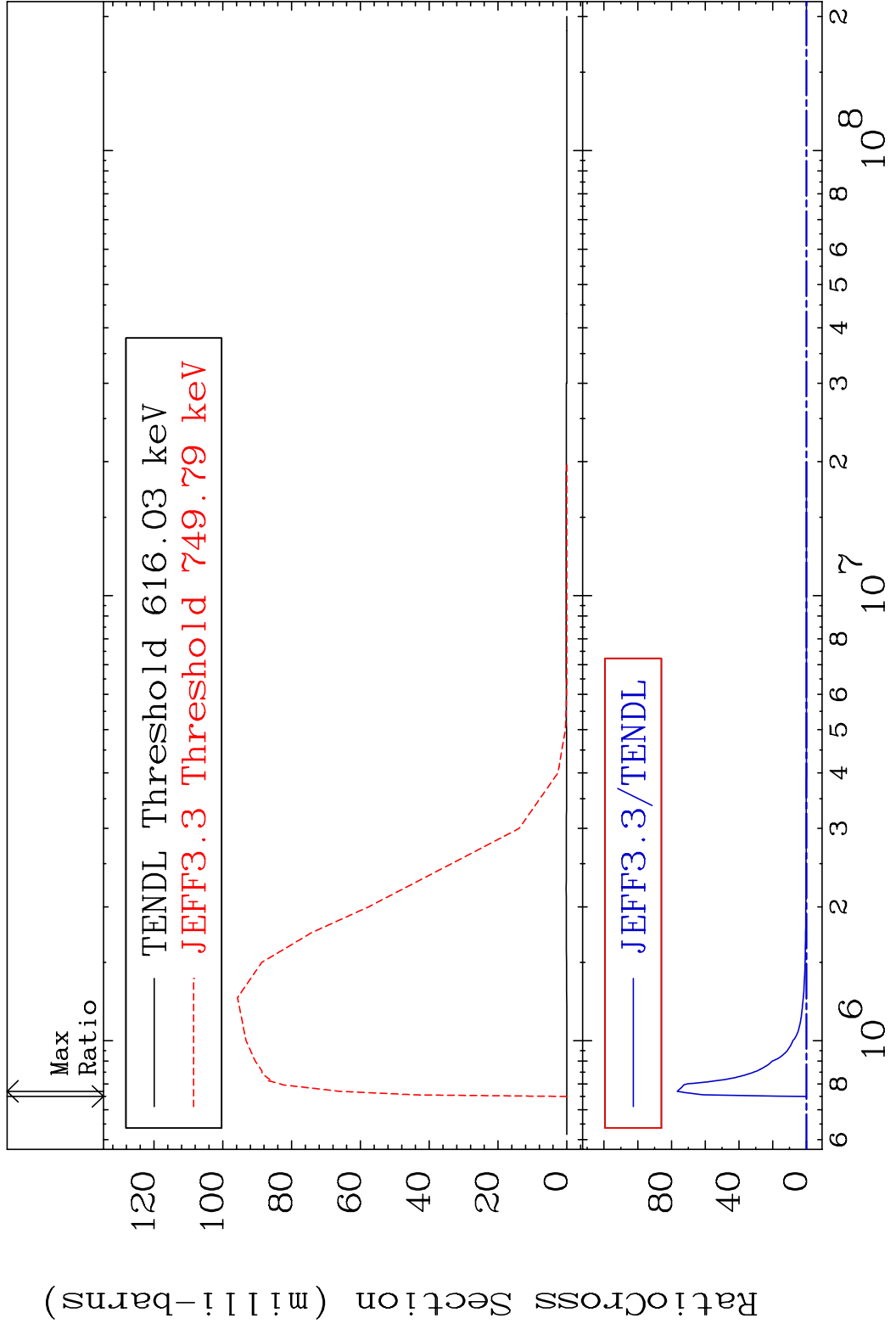




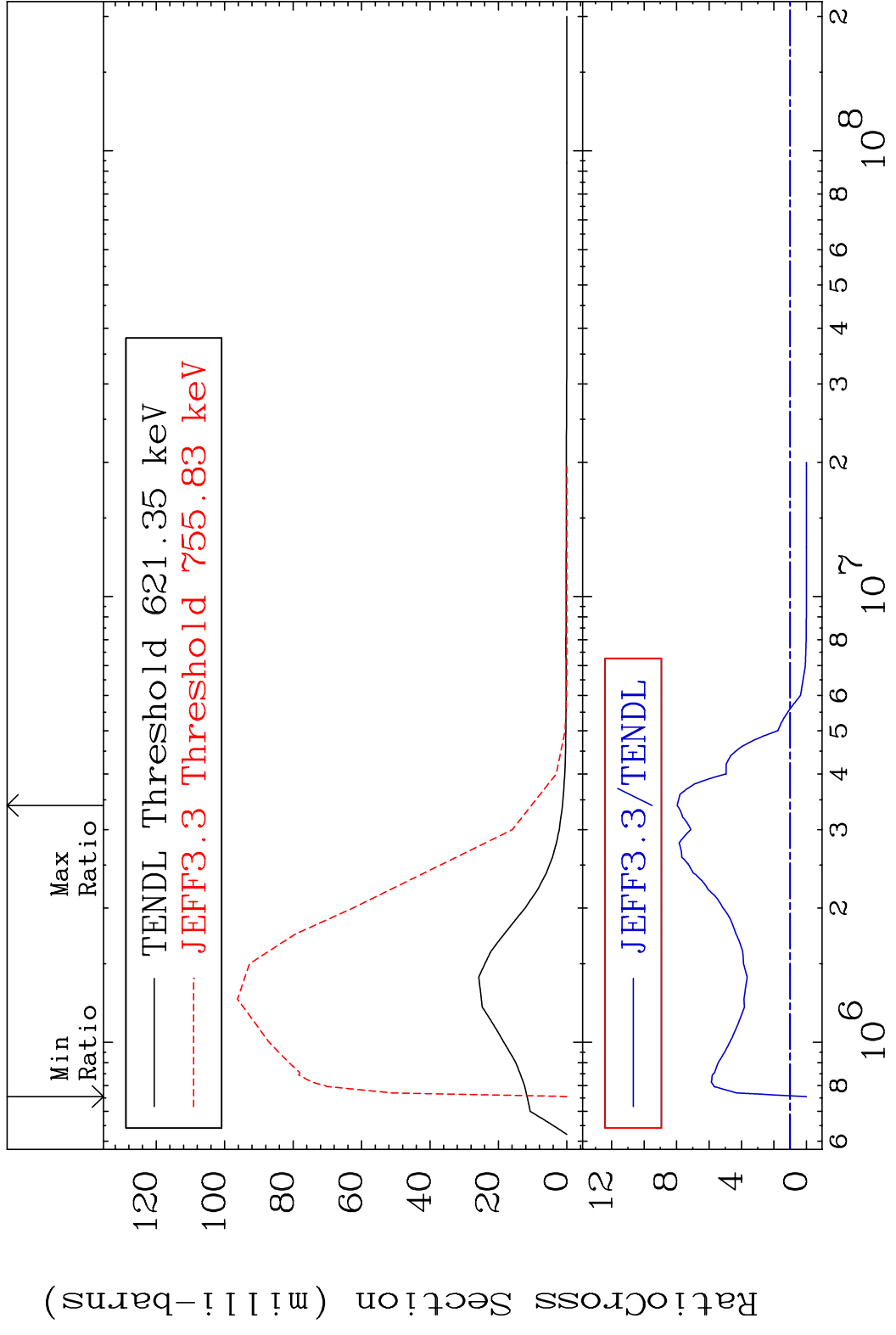
MAT 6440 MT= 71 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 832.7 %



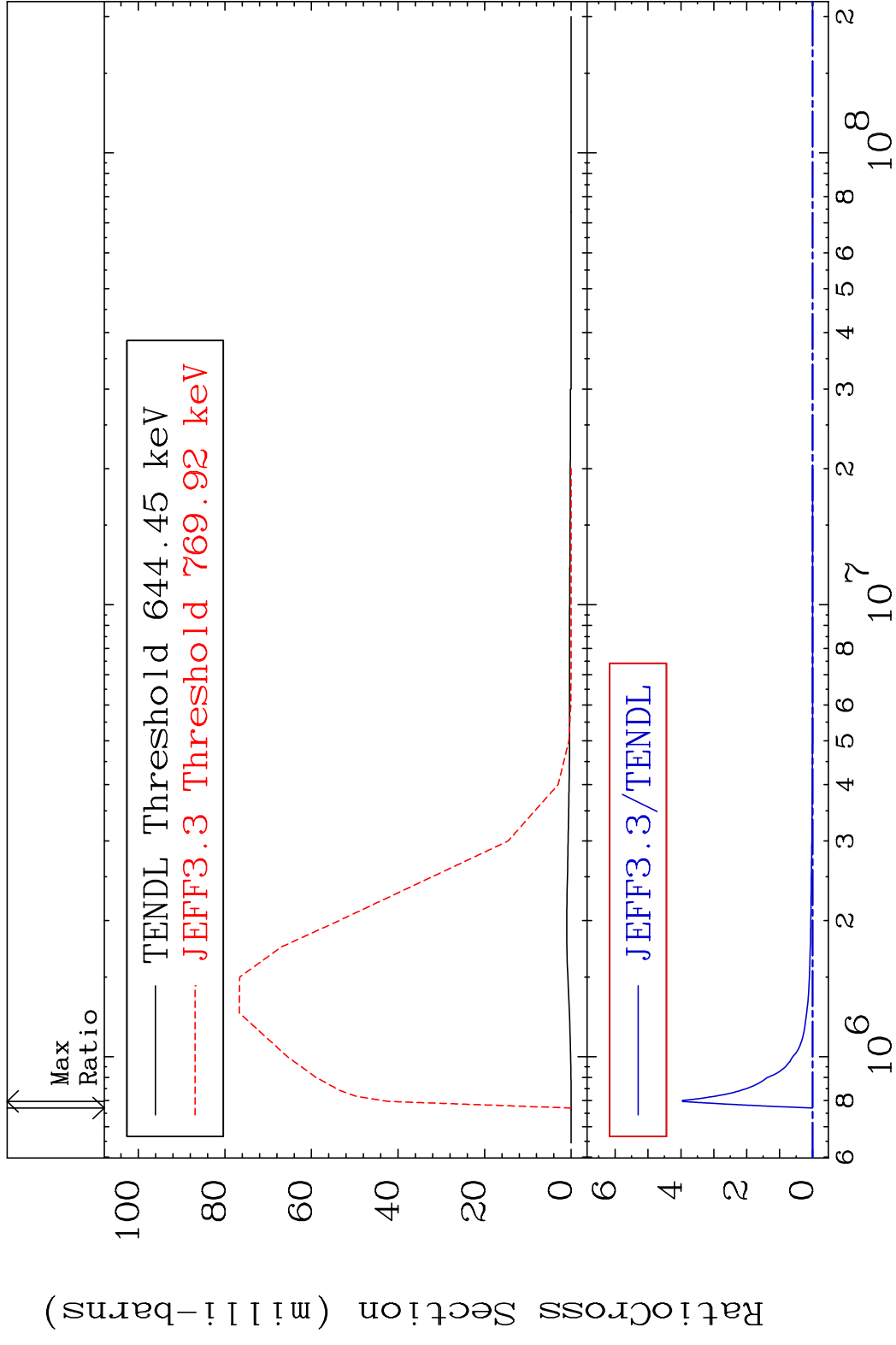
MAT 6440 MT= 72 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 9999. %



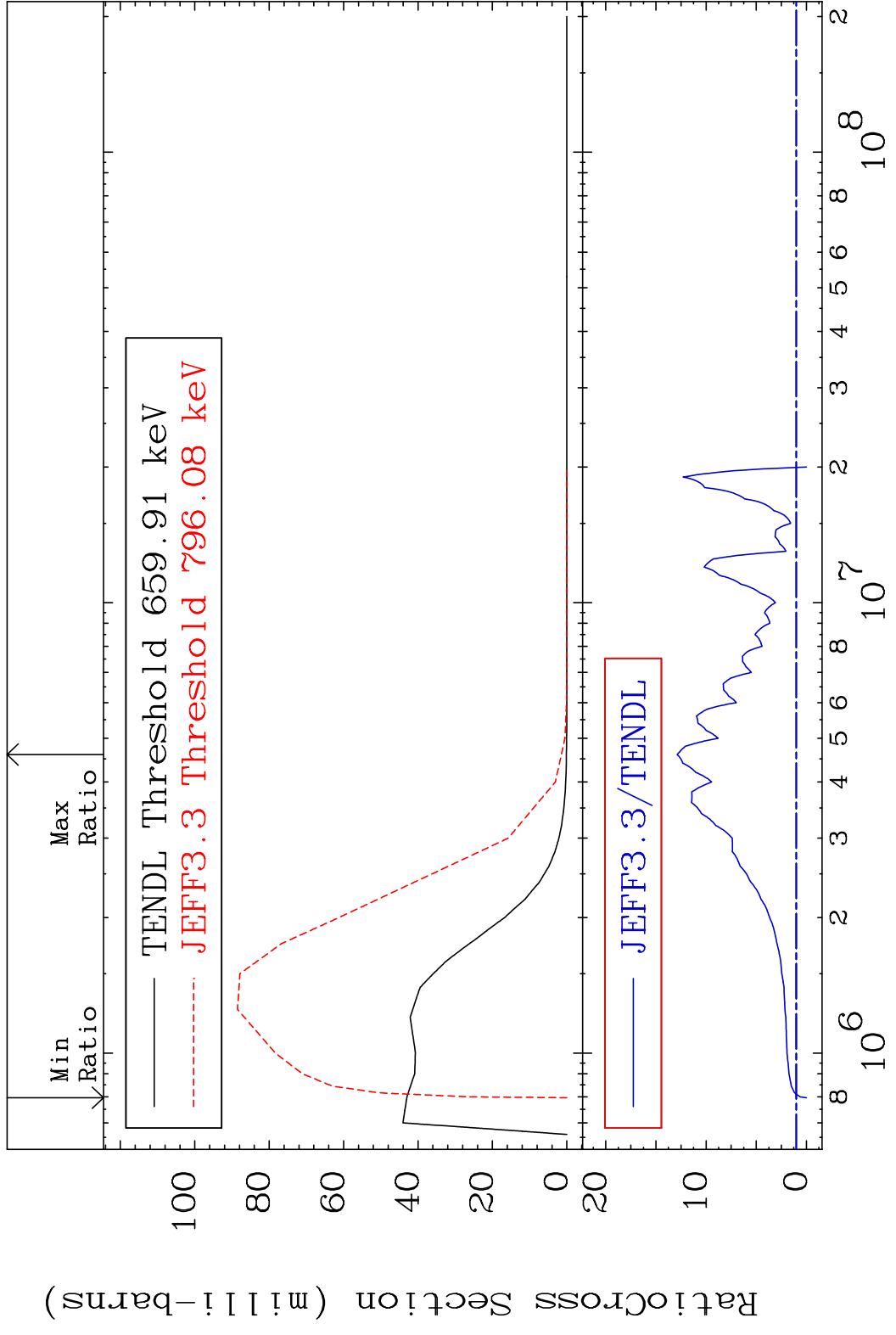
MAT 6440 MT= 73 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 696.3 %



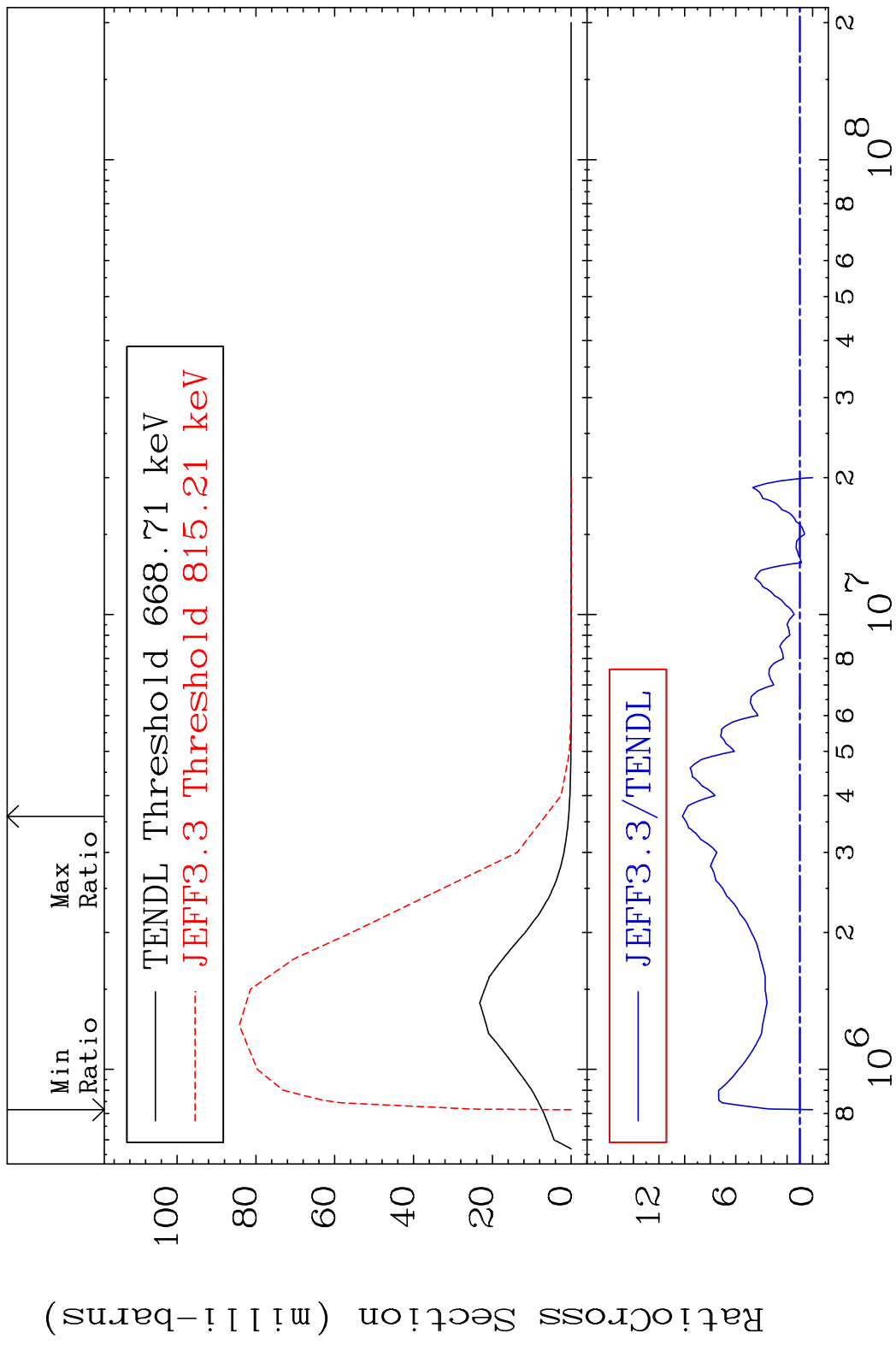
MAT 6440 MT= 74 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 9999. %



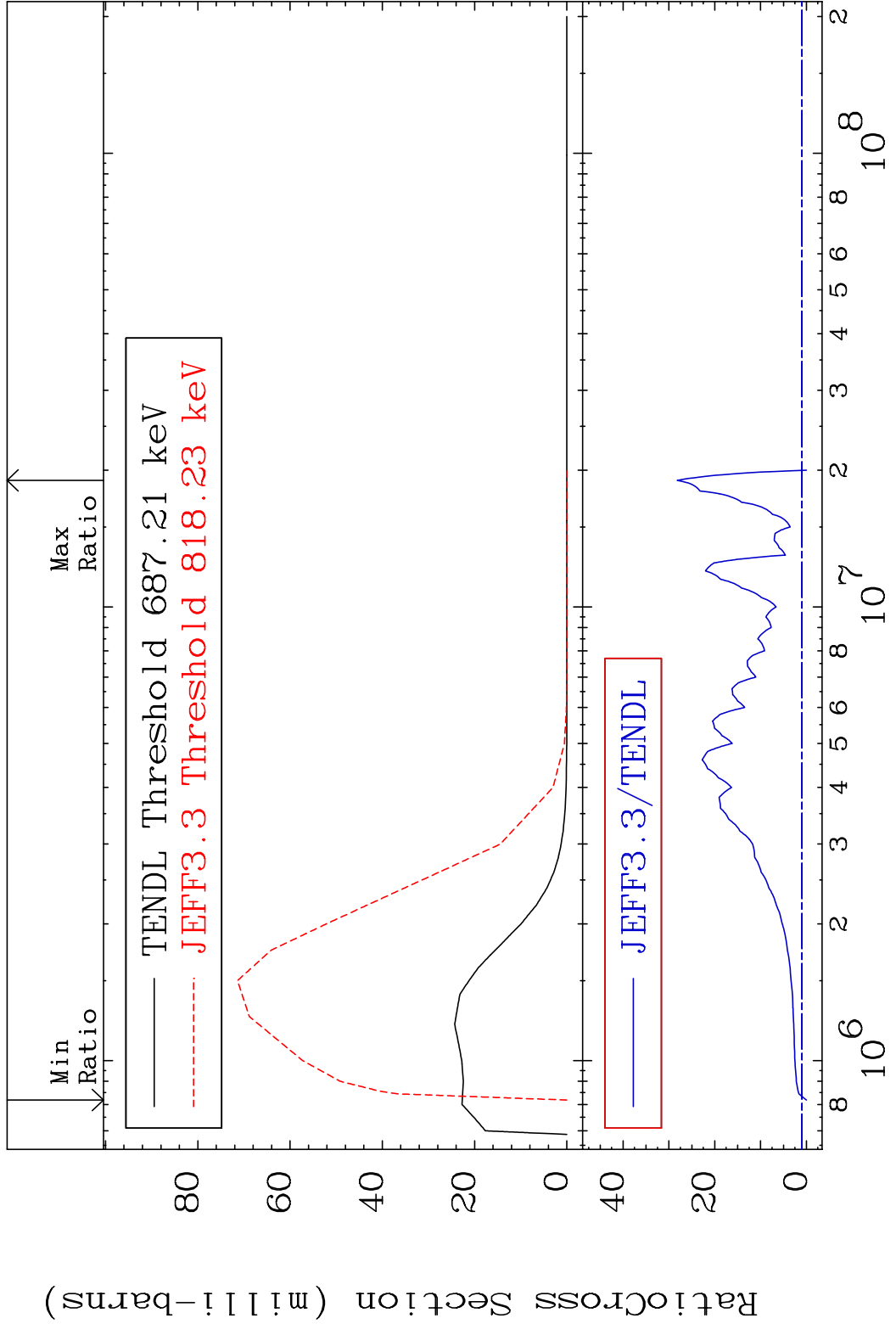
MAT 6440 MT= 75 (n,n') Level 64-Gd-157  
 Cross Section -100.0 To 1188. %



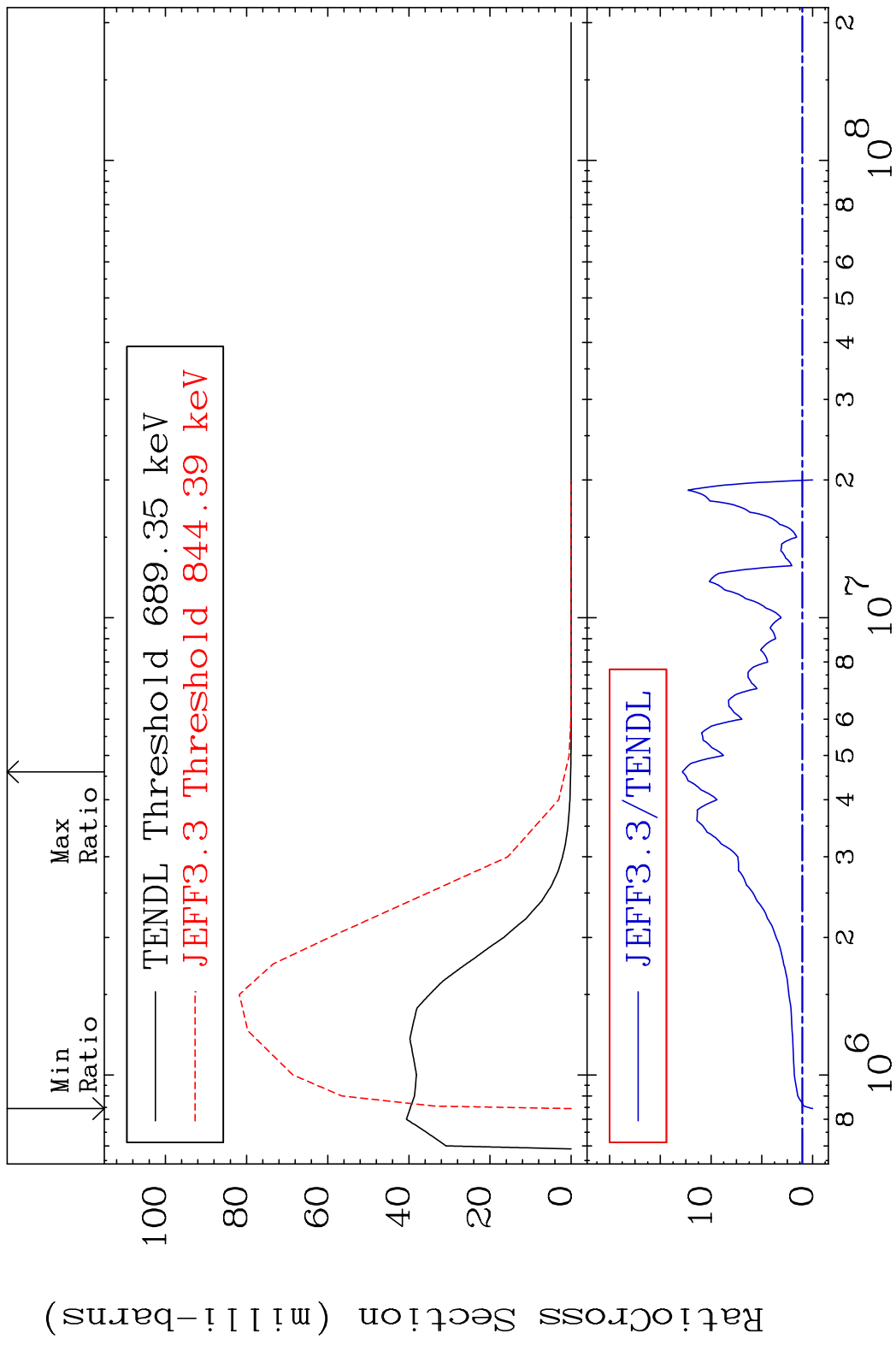
MAT 6440 MT= 76 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 917.4 %



MAT 6440 MT= 77 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 2719. %

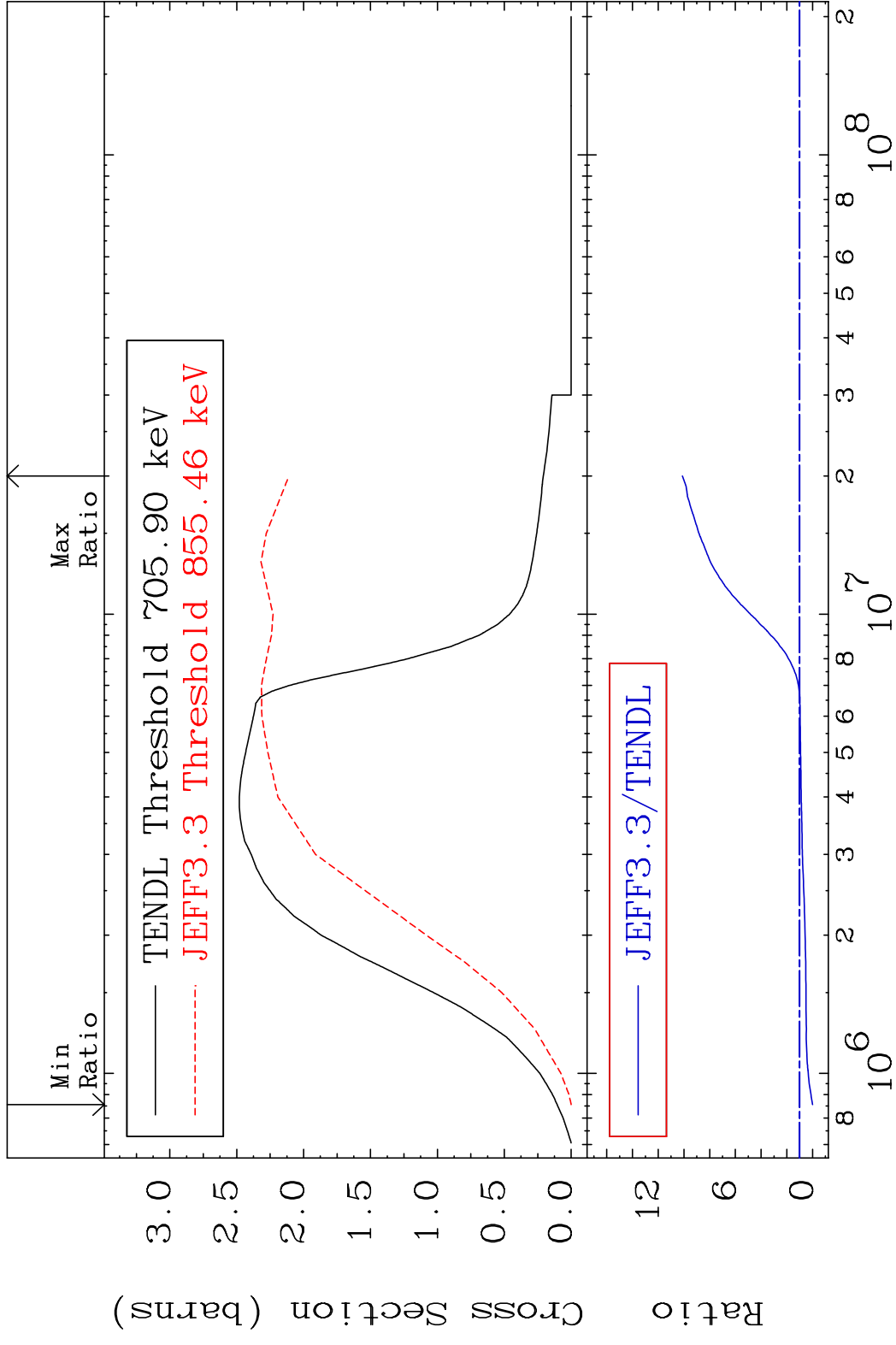


MAT 6440 MT= 78 (n, n') Level 64-Gd-157  
 Cross Section -100.0 To 1183. %





MAT 6440 (n, n') Continuum 64-Gd-157  
 Cross Section -100.0 To 912.4 %

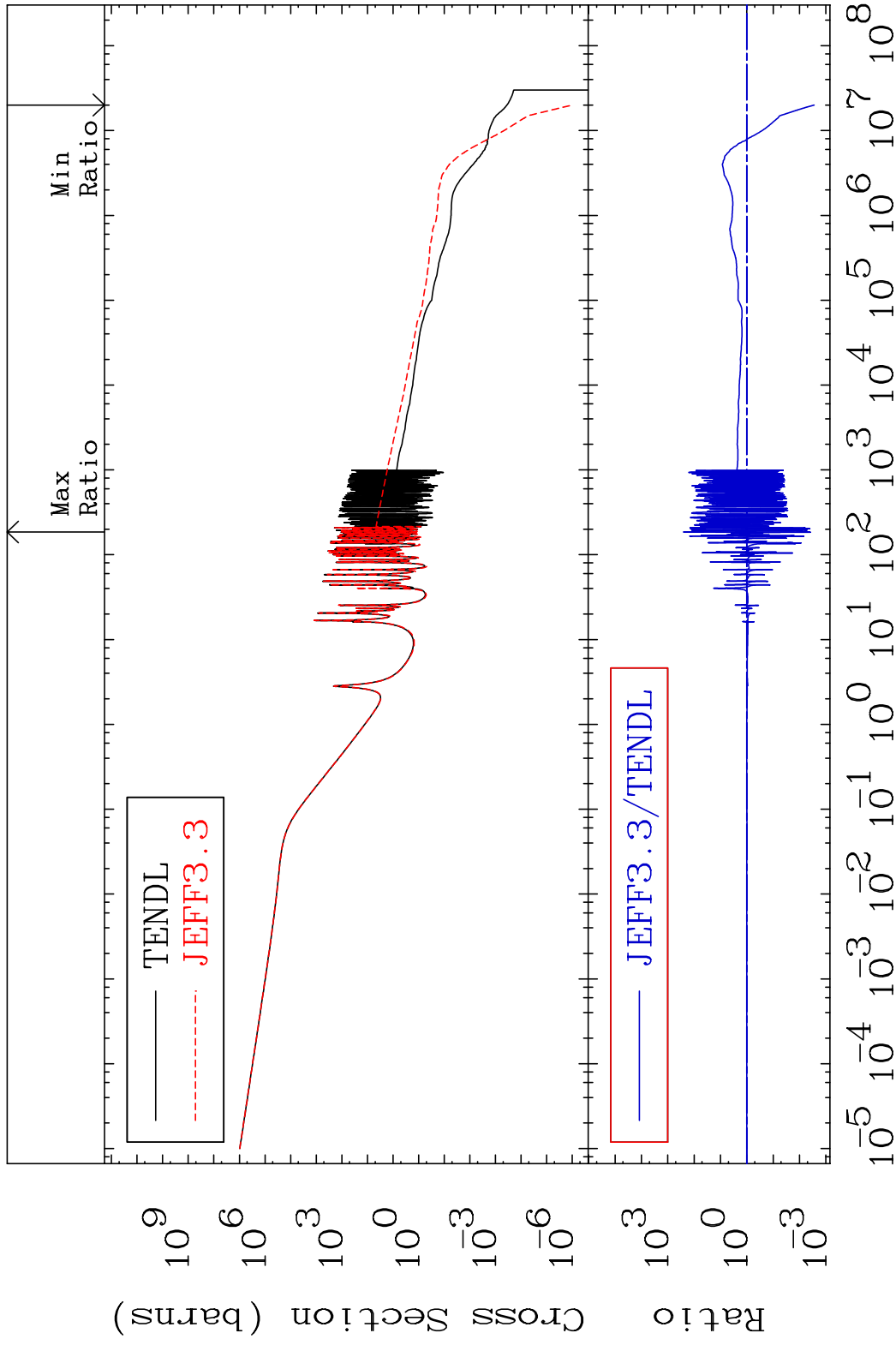


MAT 6440

(n,  $\gamma$ )

64-Gd-157

Cross Section -99.72 To 9999. %

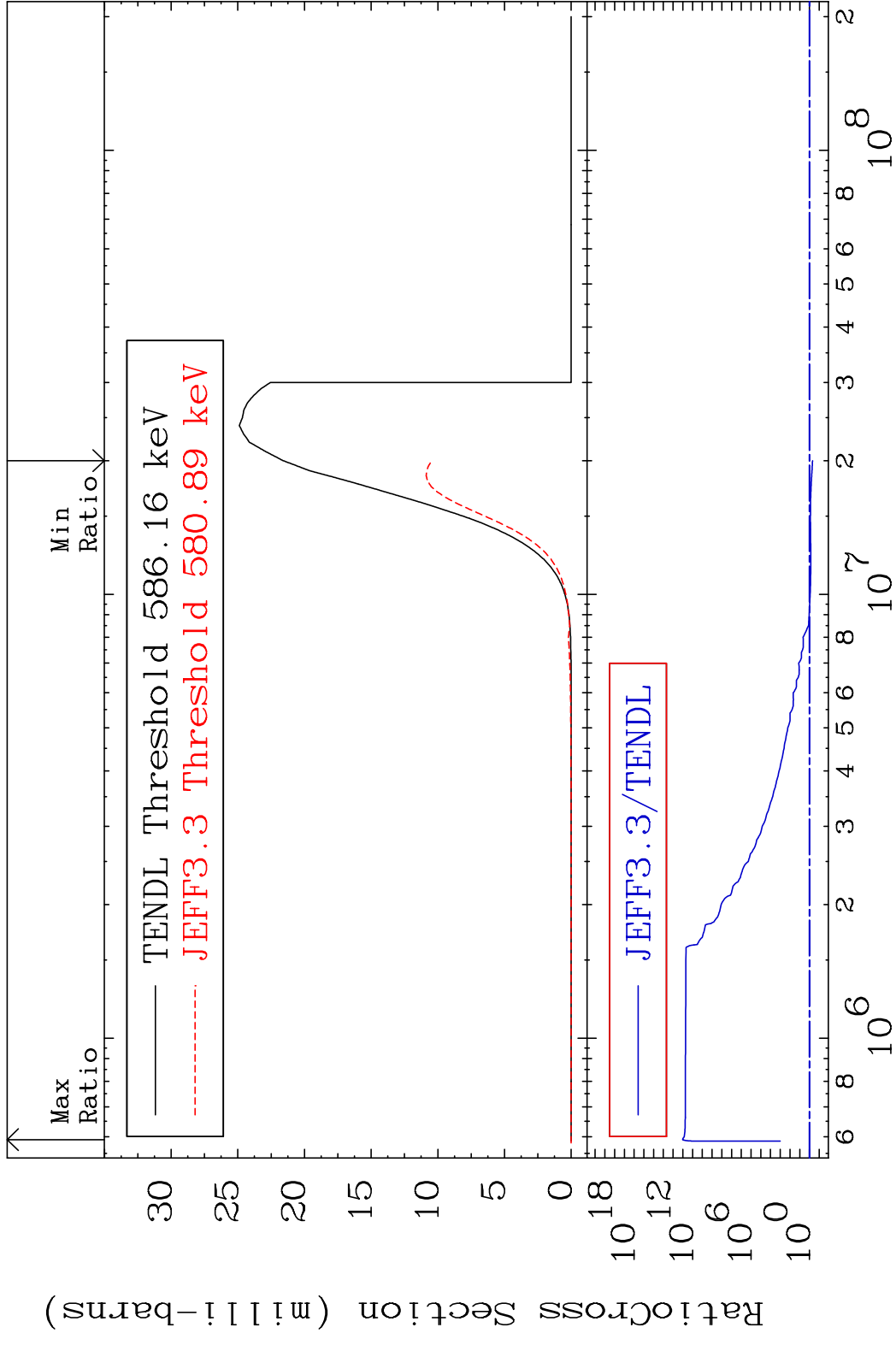


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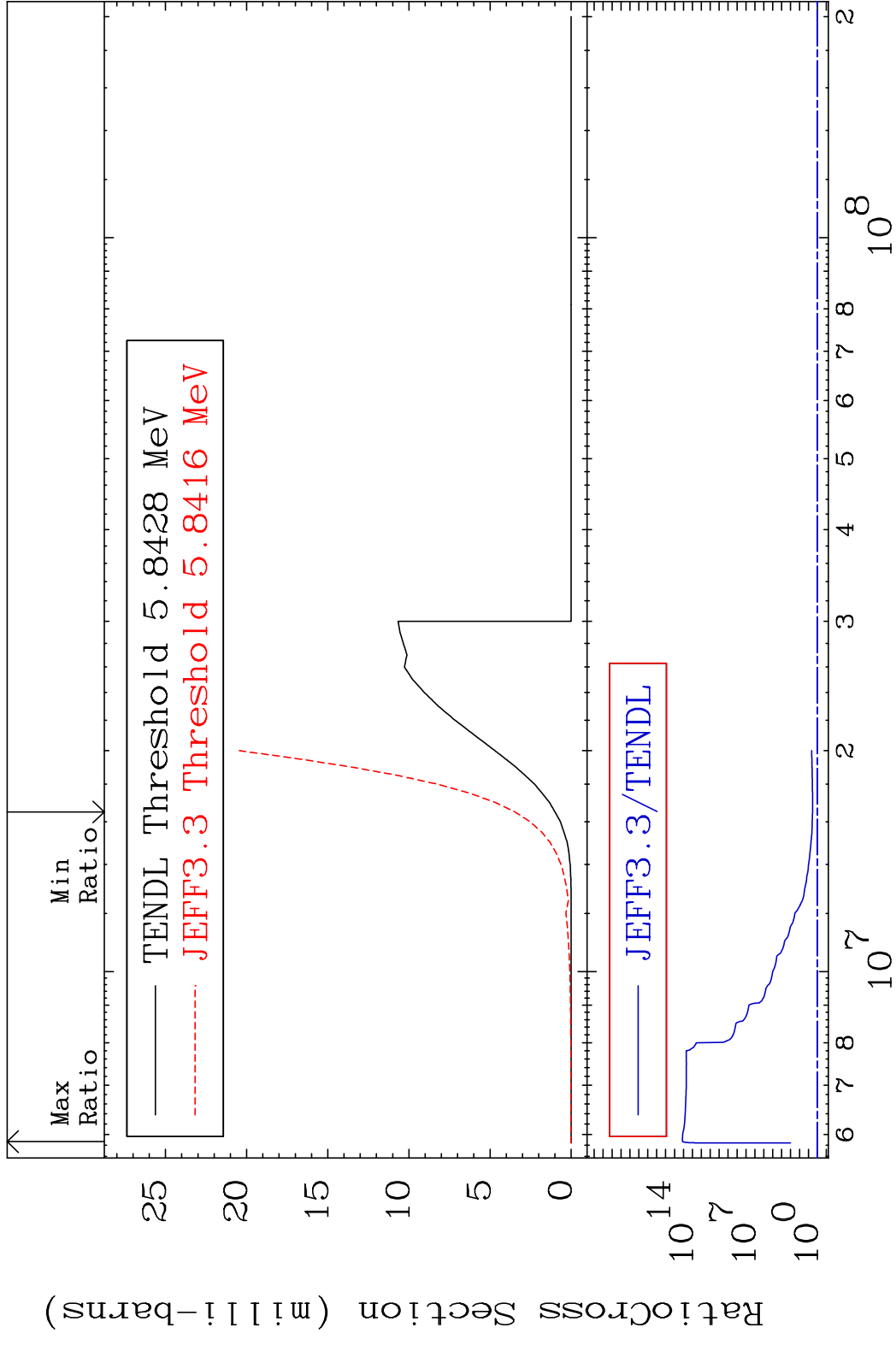
Incident Energy (eV)

64-Gd-157

MAT 6440 (n,p) 64-Gd-157  
 Cross Section -51.63 To 9999. %



MAT 6440 (n,d) 64-Gd-157  
 Cross Section 246.6 To 9999. %

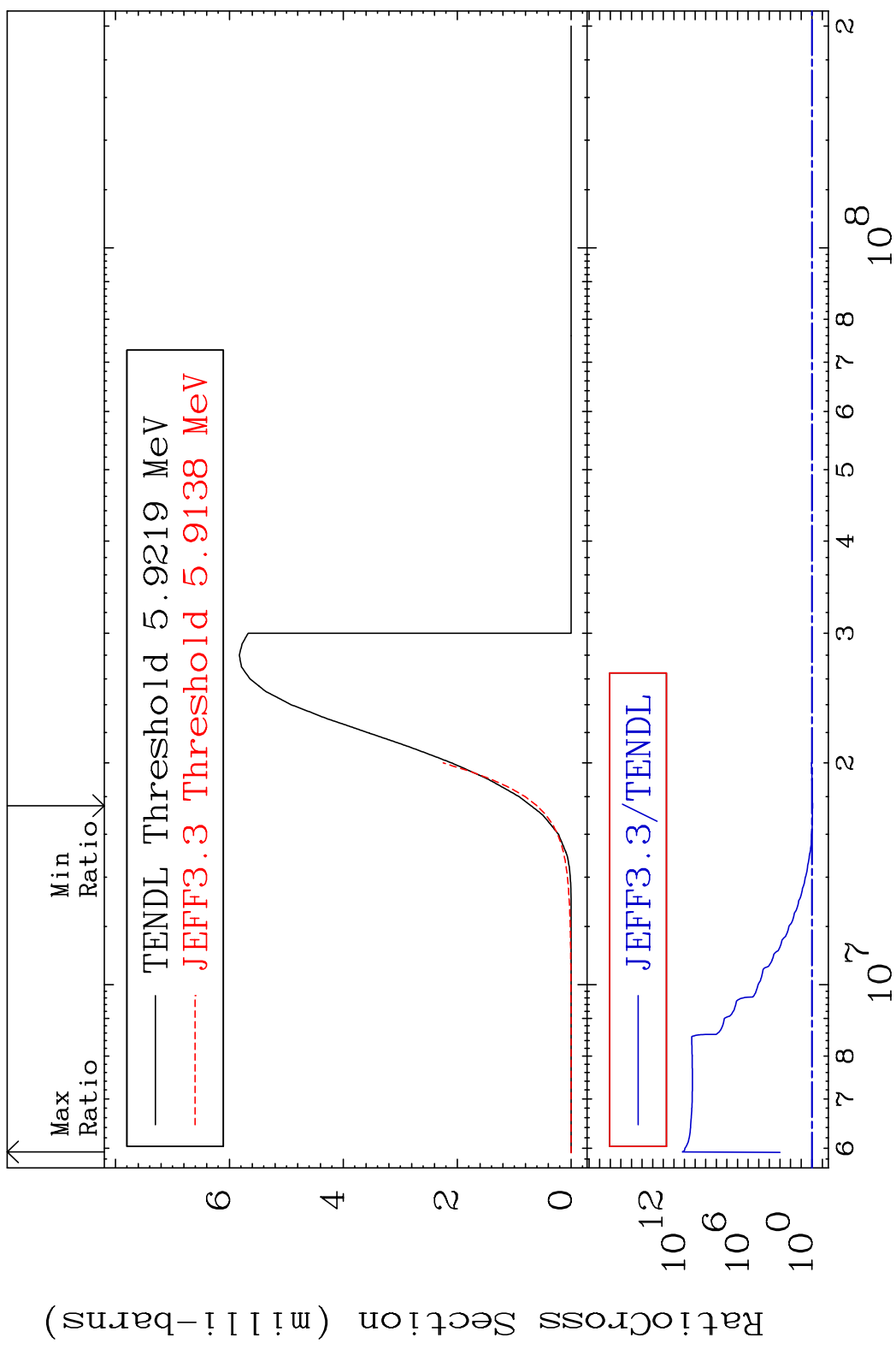


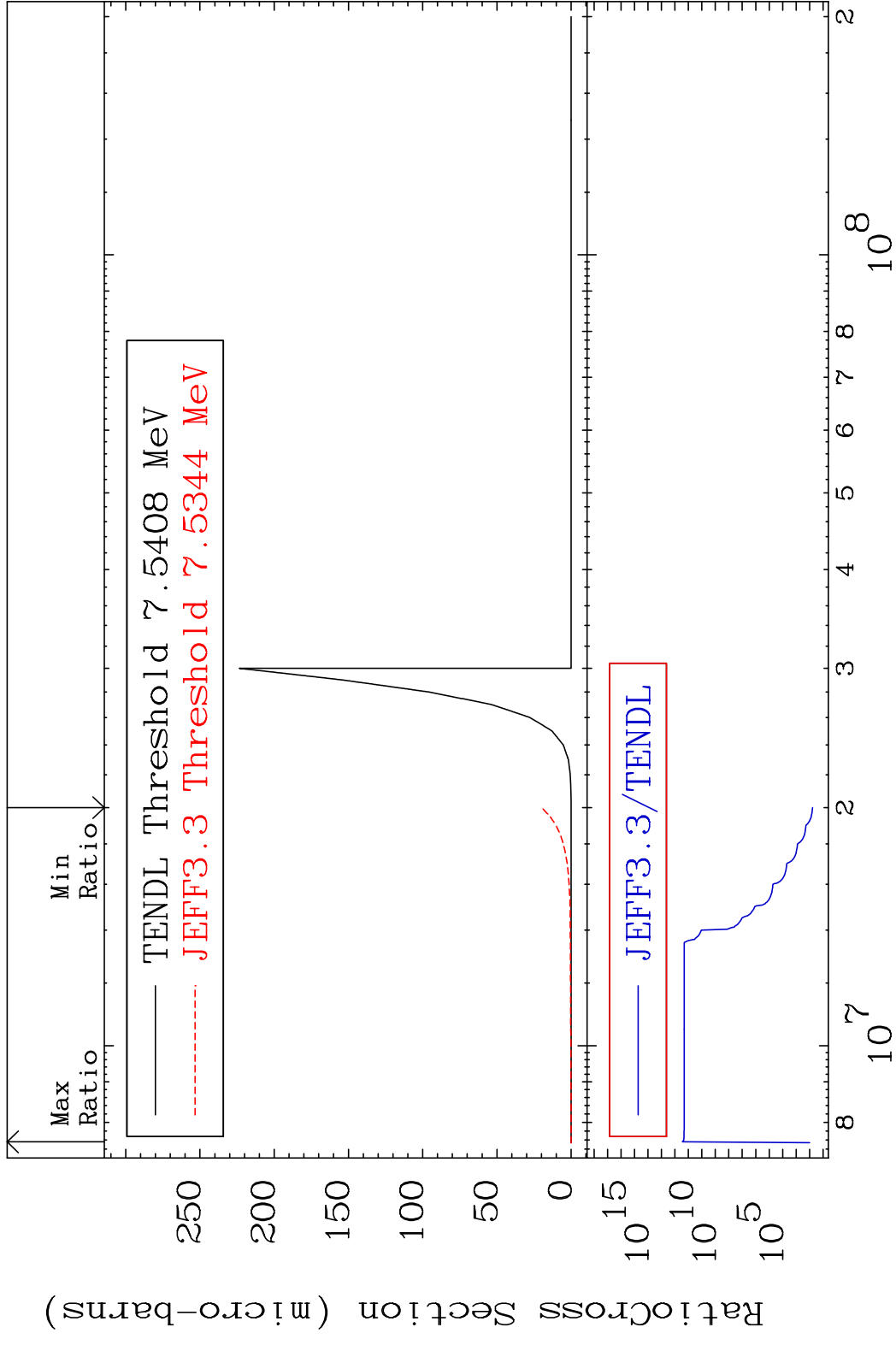
MAT 6440

(n, t)

64-Gd-157

Cross Section -14.97 To 9999. %



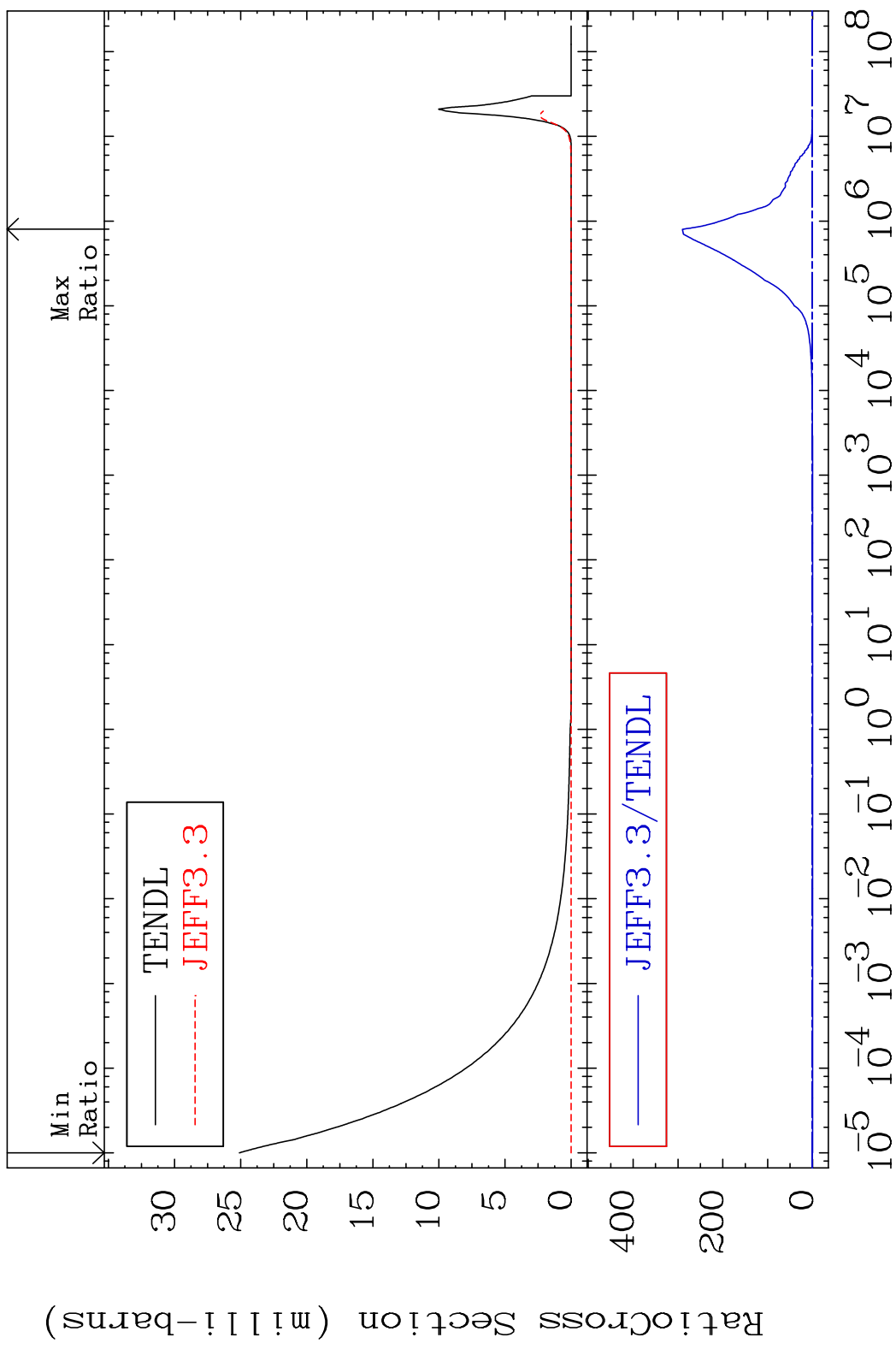


MAT 6440

(n,  $\alpha$ )

64-Gd-157

Cross Section -100.0 To 9999. %

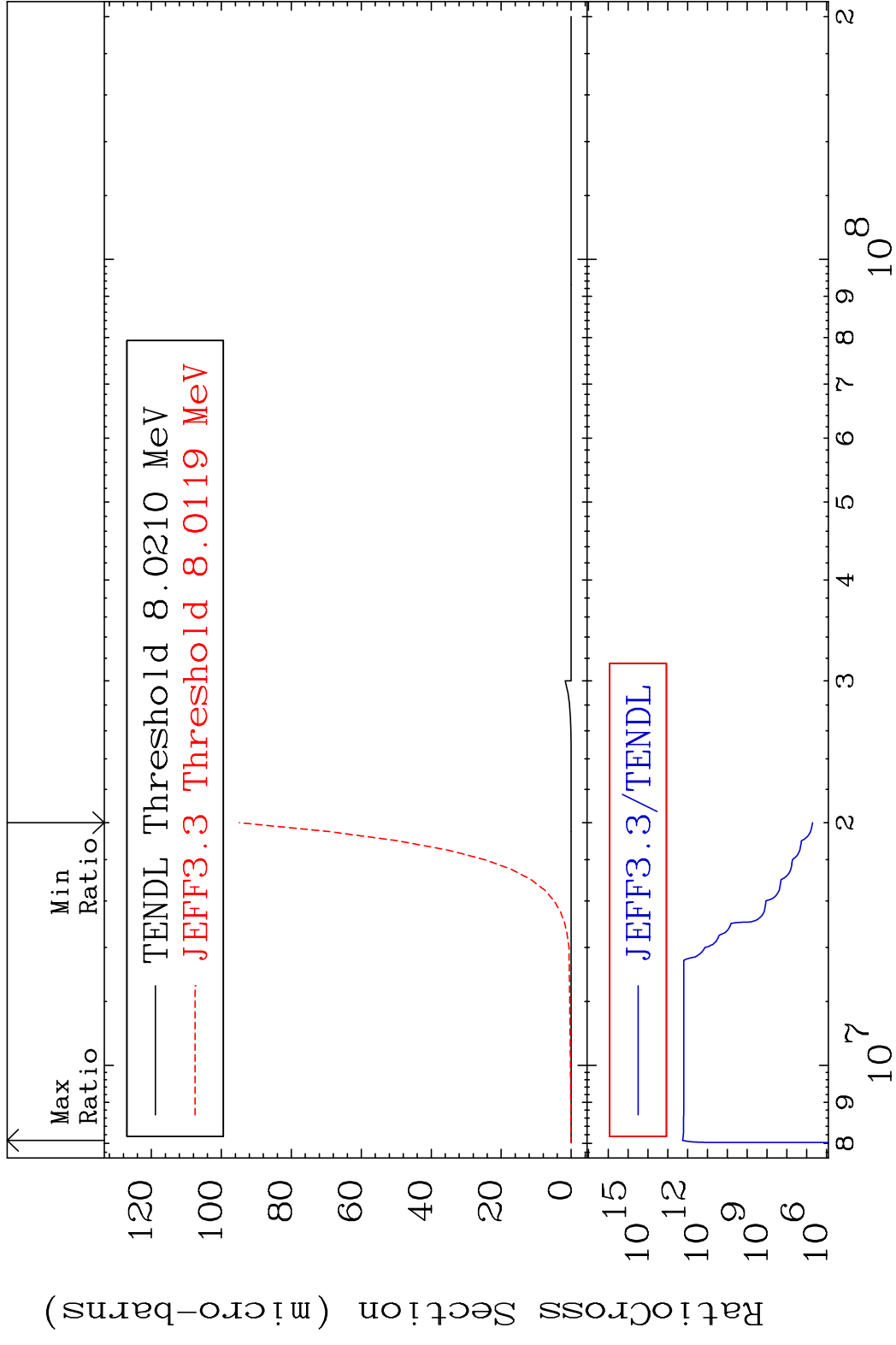


MAT 6440

(n,2p)

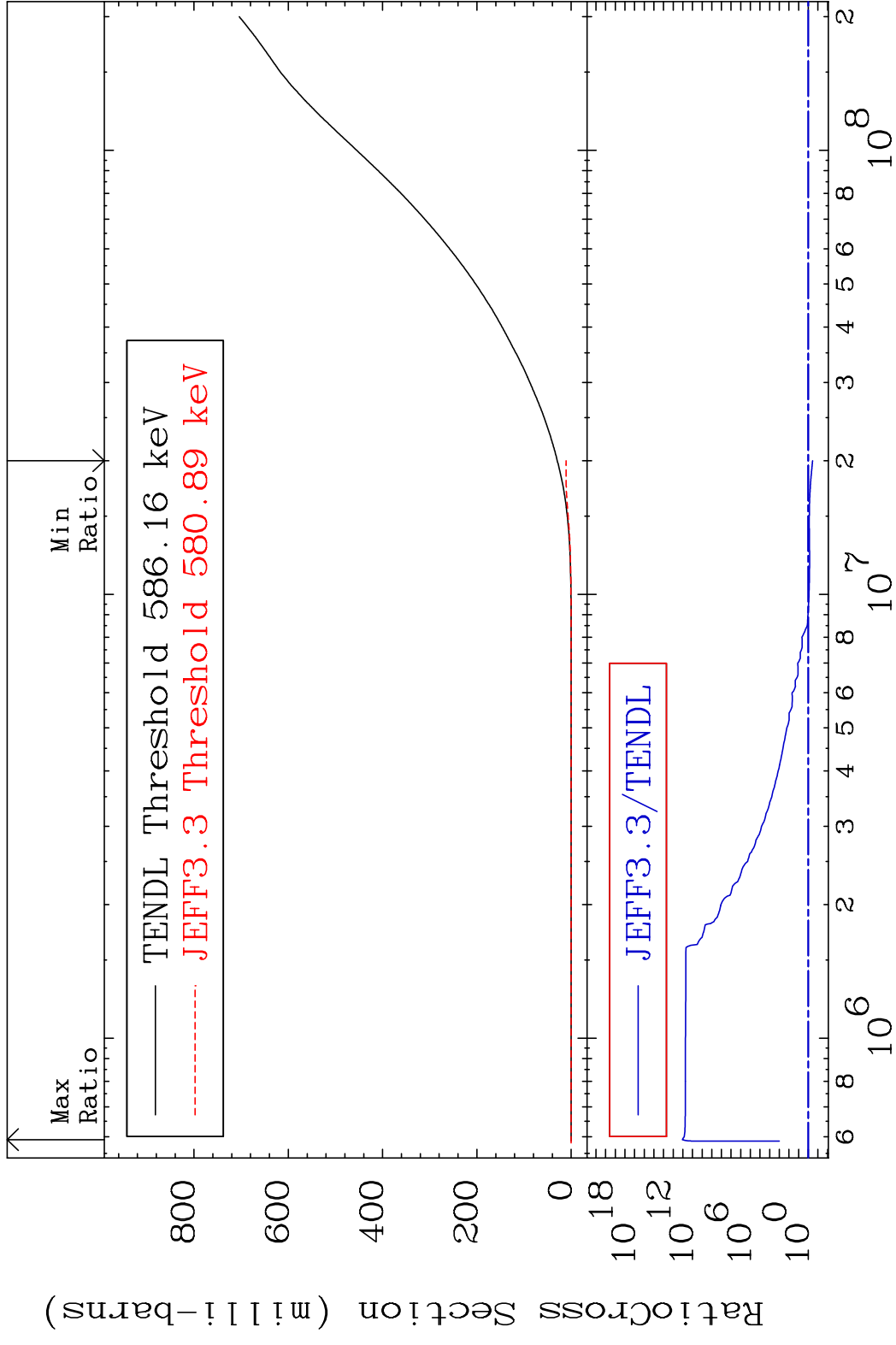
64-Gd-157

Cross Section 9999. To 9999. %

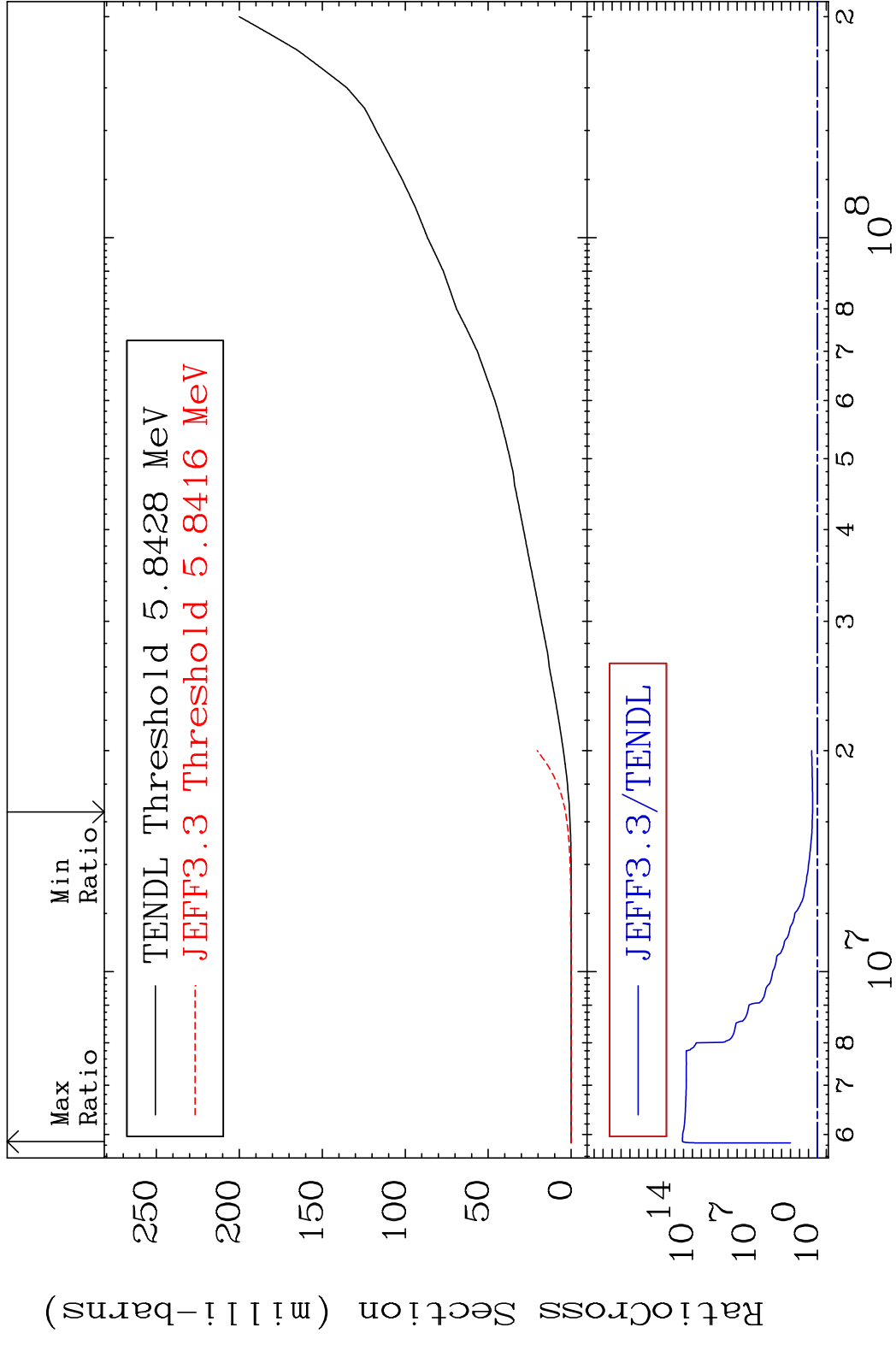




MAT 6440 Hydrogen Production 64-Gd-157  
 Cross Section -63.93 To 9999. %

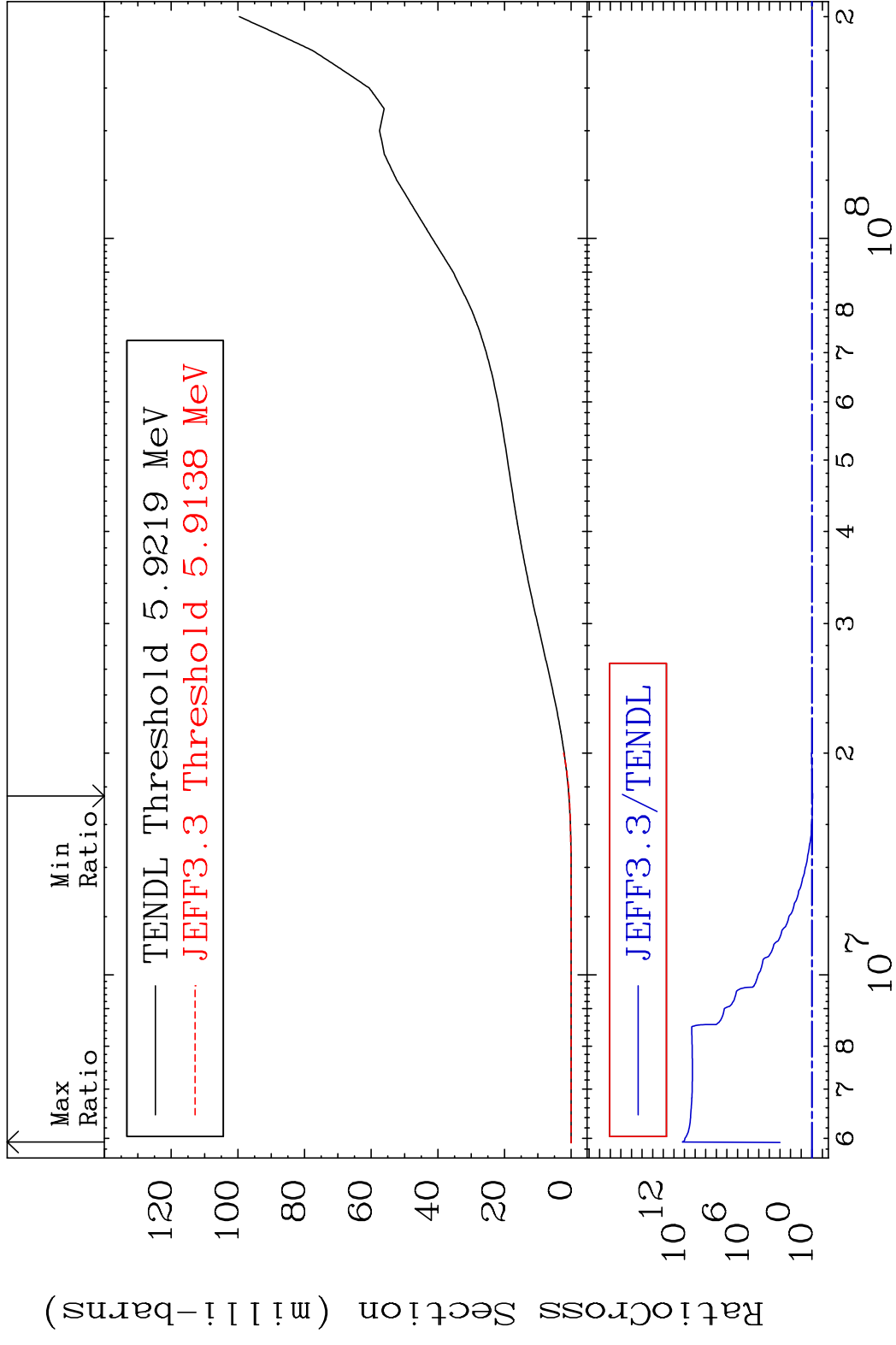


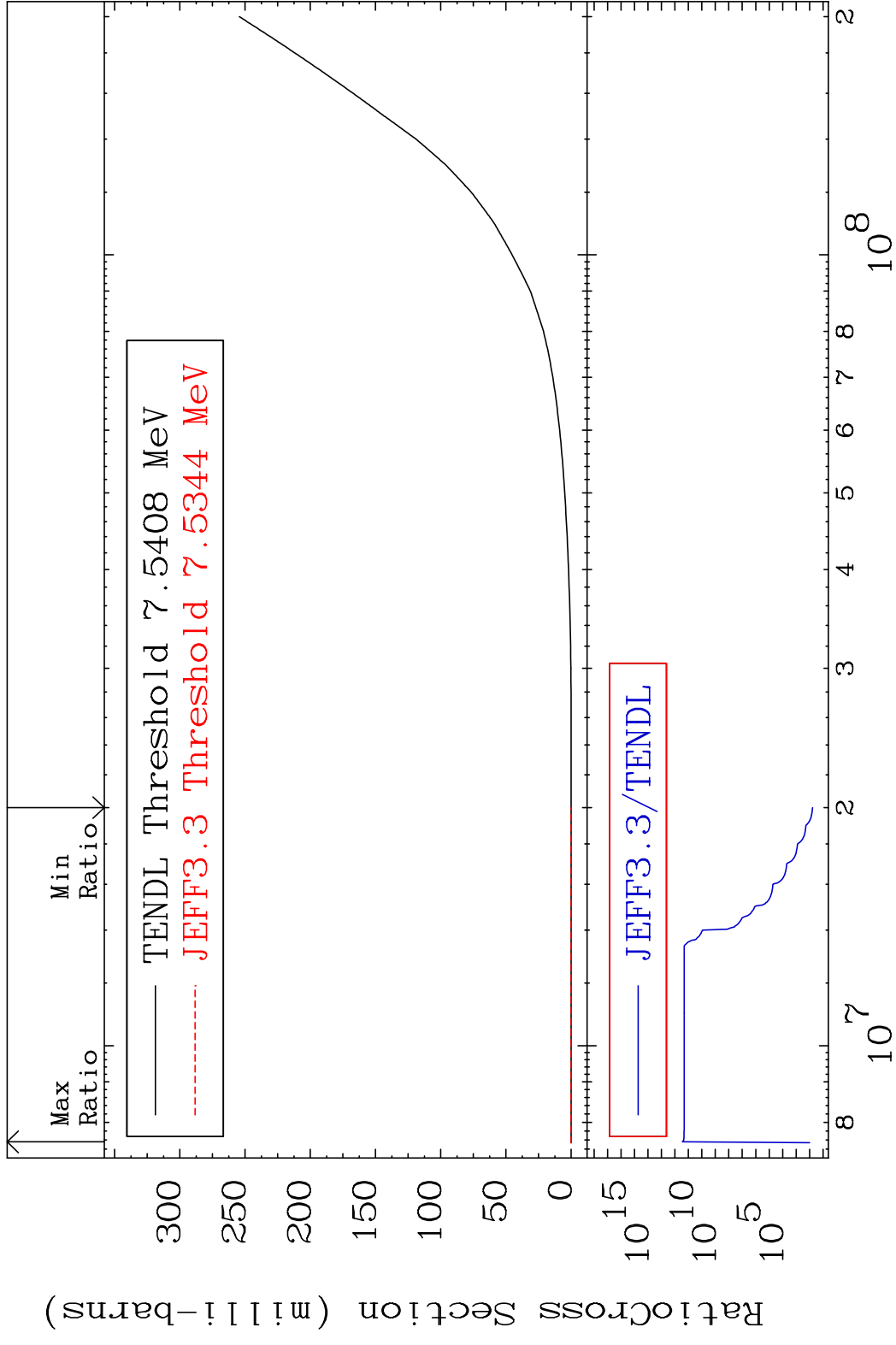
40 Incident Energy (eV) 64-Gd-157



MAT 6440

Tritium Production 64-Gd-157  
Cross Section -14.97 To 9999. %



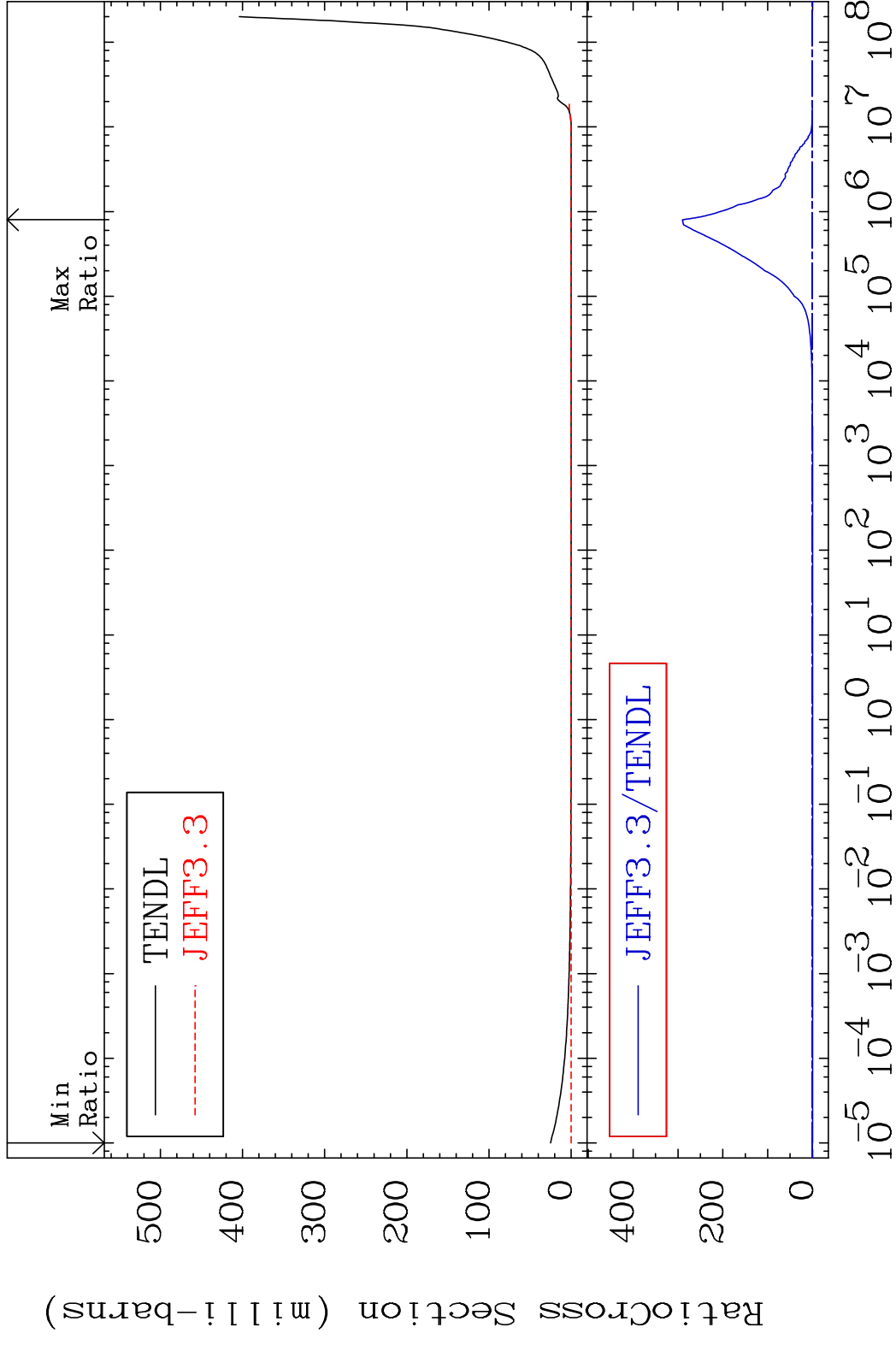


MAT 6440

He-4 Production

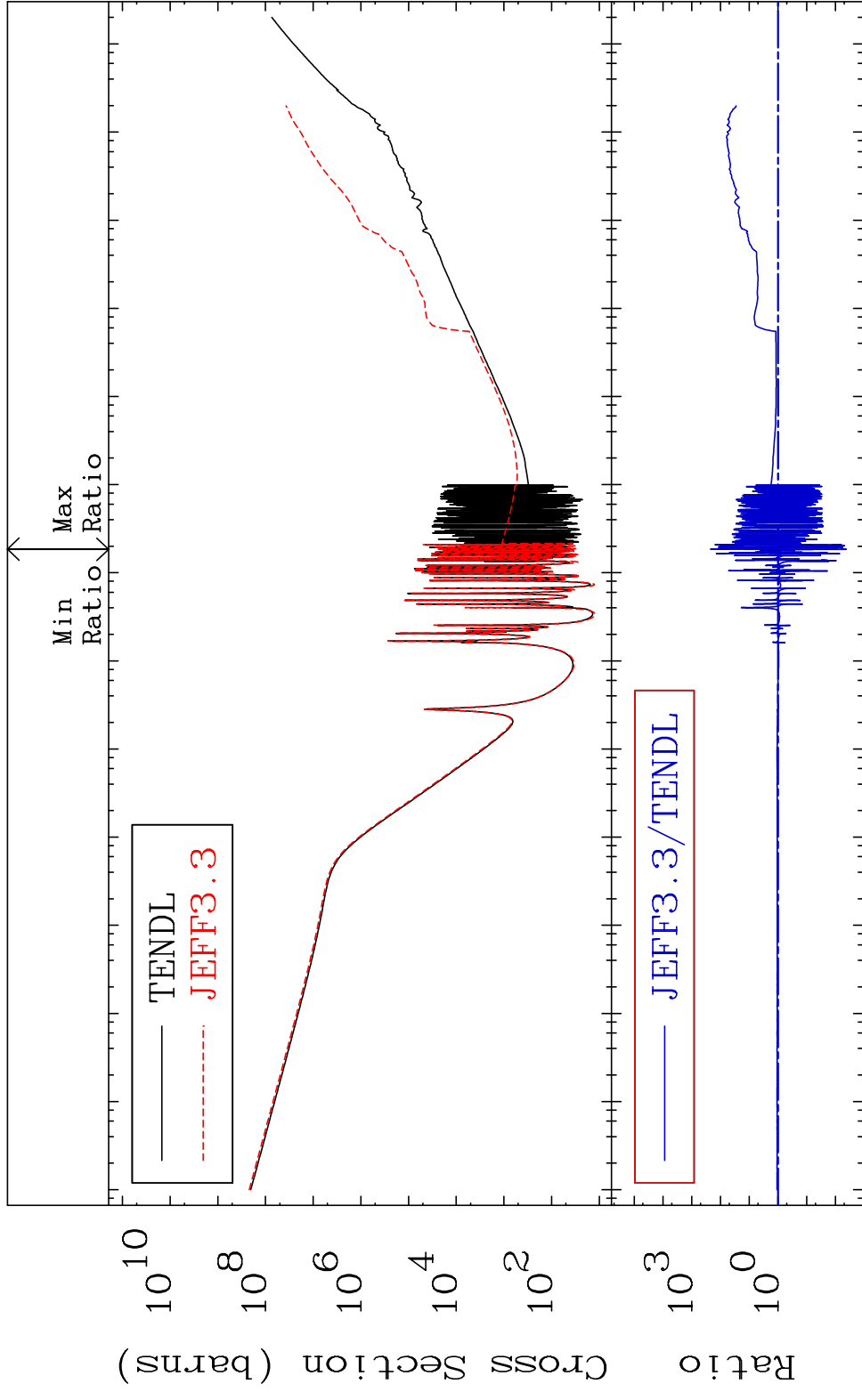
64-Gd-157

Cross Section -100.0 To 9999. %



MAT 6440

Kerma total (eV-barns) 64-Gd-157  
Cross Section -99.58 To 9999. %

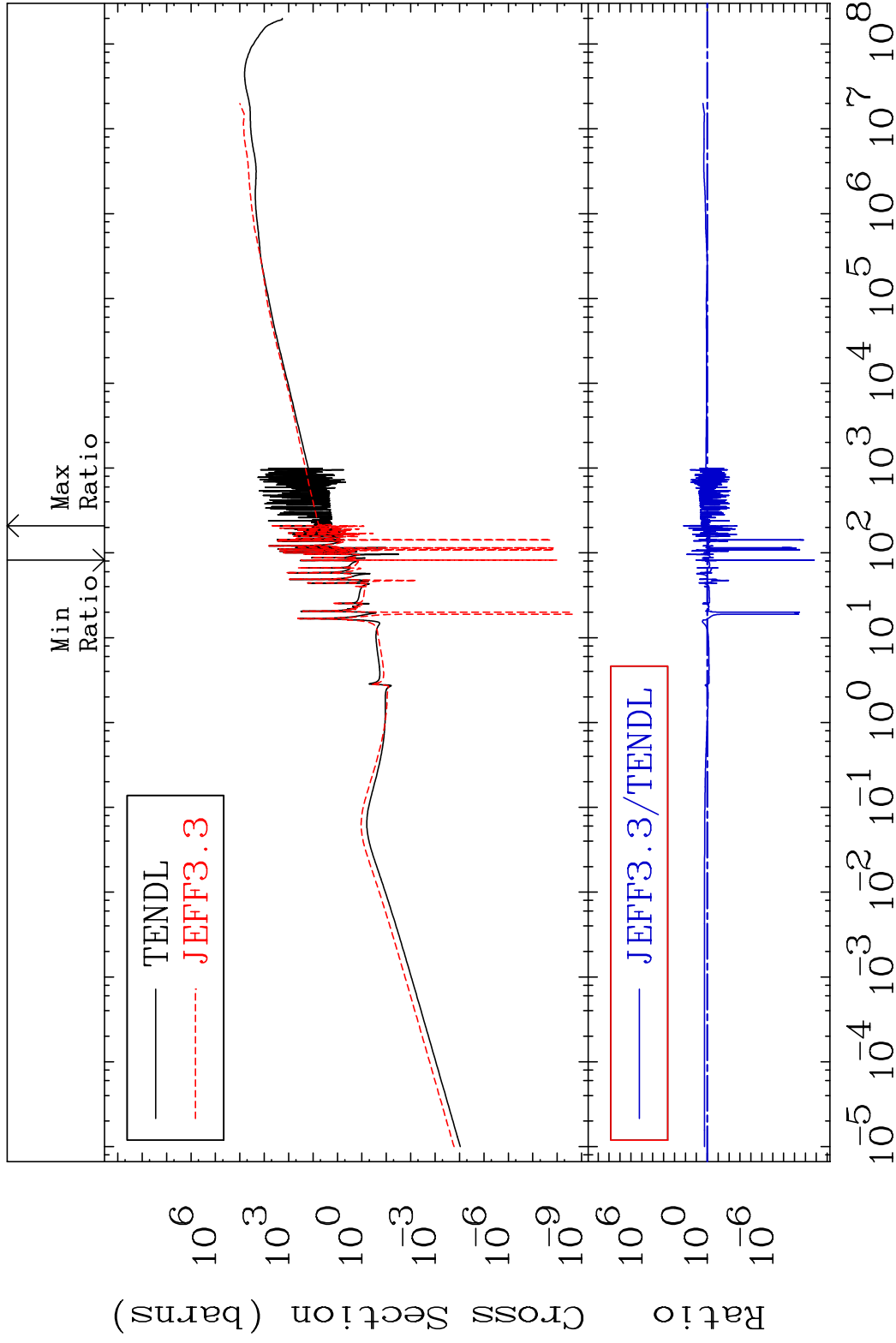


MAT 6440

Kerma elastic

64-Gd-157

Cross Section -100.0 To 9999. %

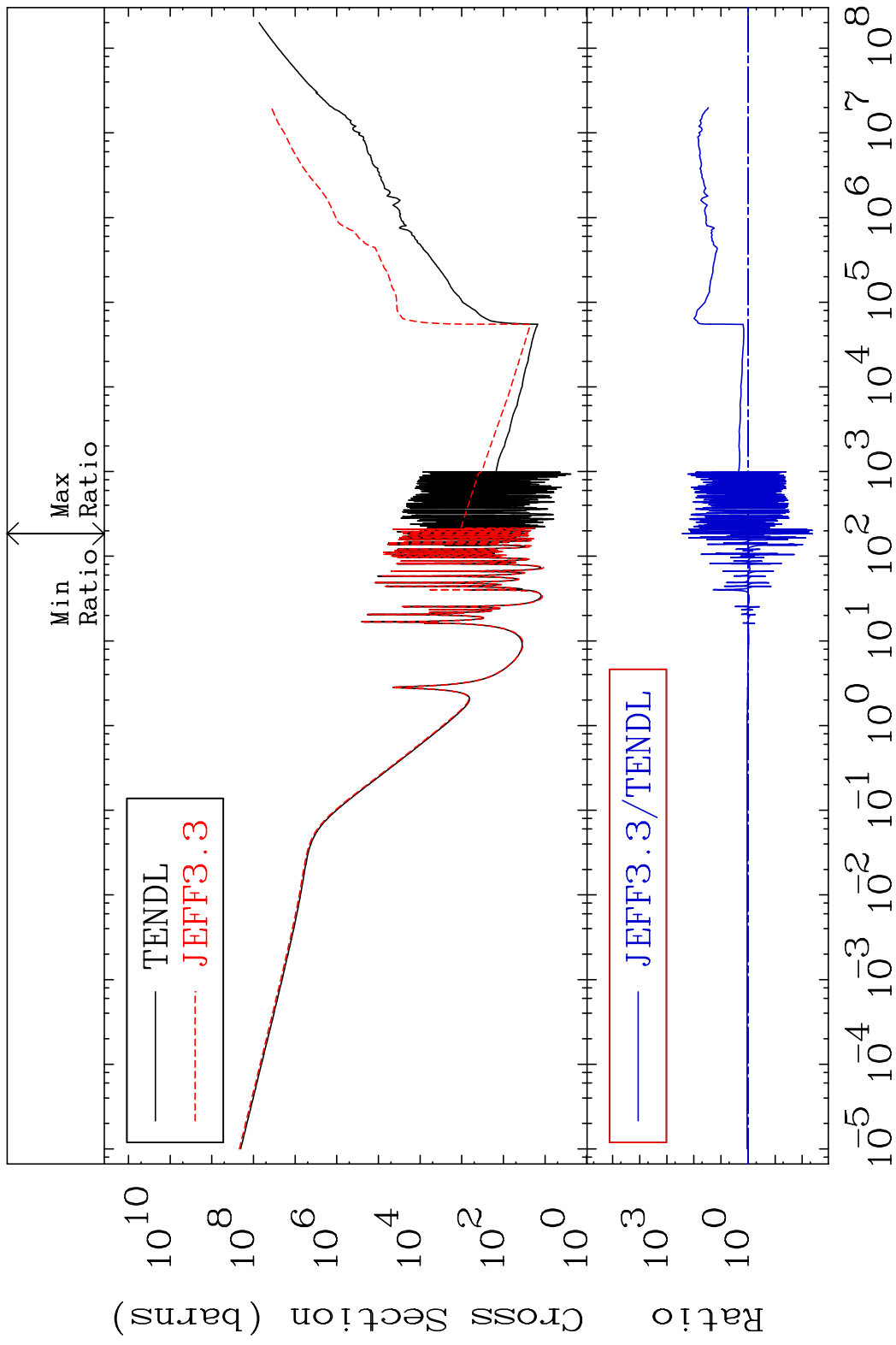


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Incident Energy (eV)

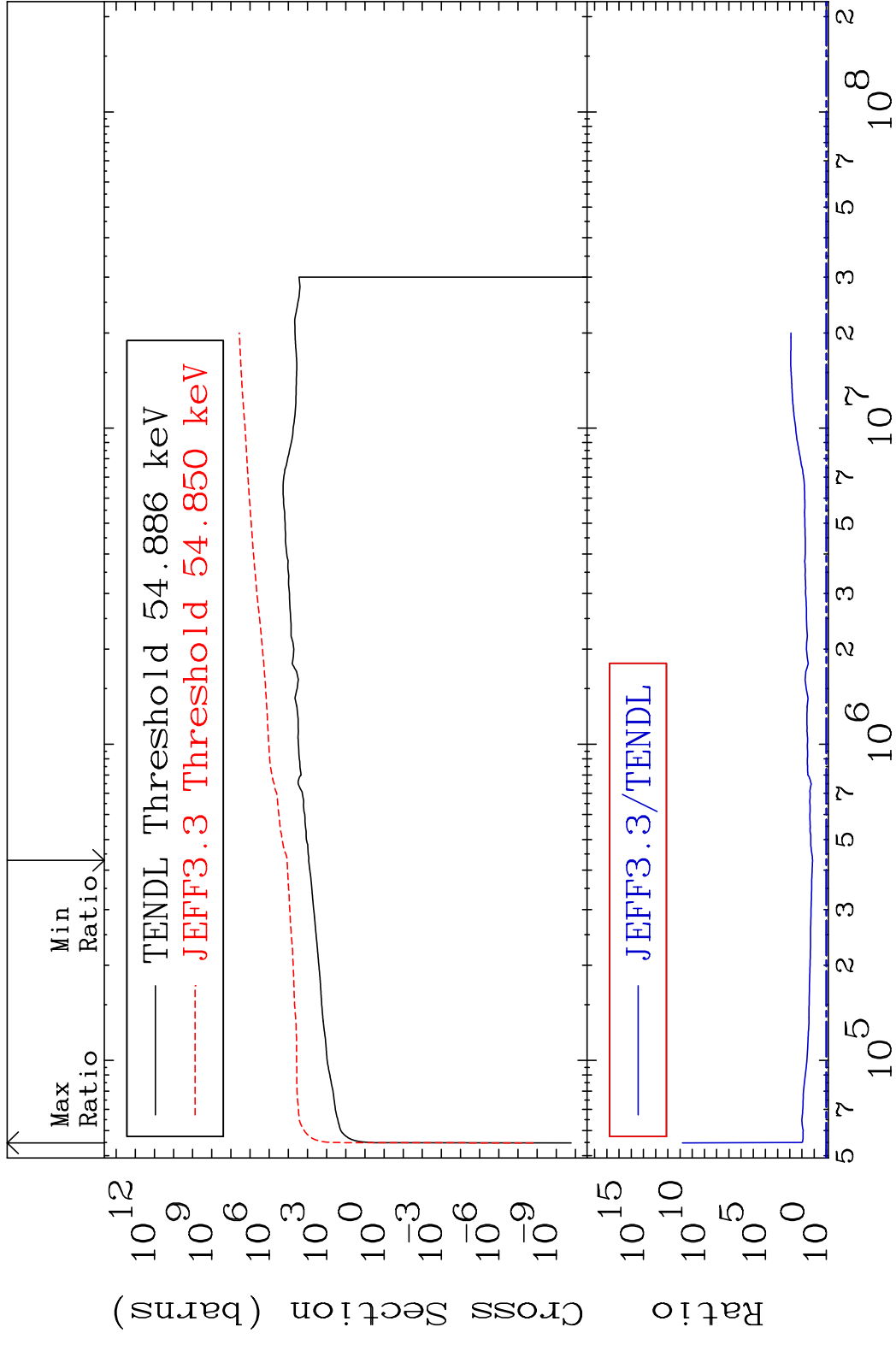
64-Gd-157

MAT 6440 Kerma non-elastic (all but mt2) 64-Gd-157  
 Cross Section -99.59 To 9999. %

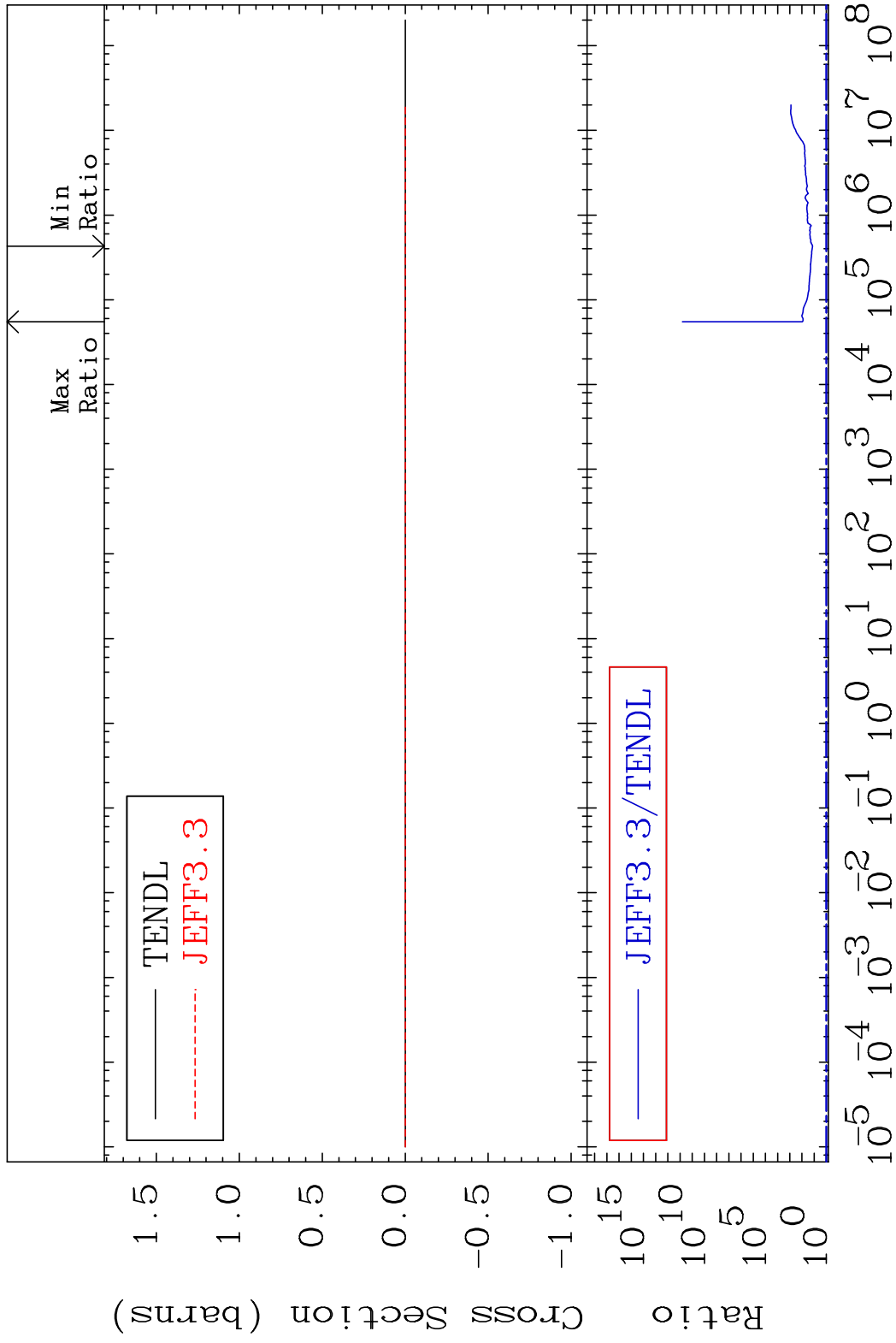




MAT 6440 Kerma inelastic (mt51-91) 64-Gd-157  
 Cross Section 1260. To 9999. %



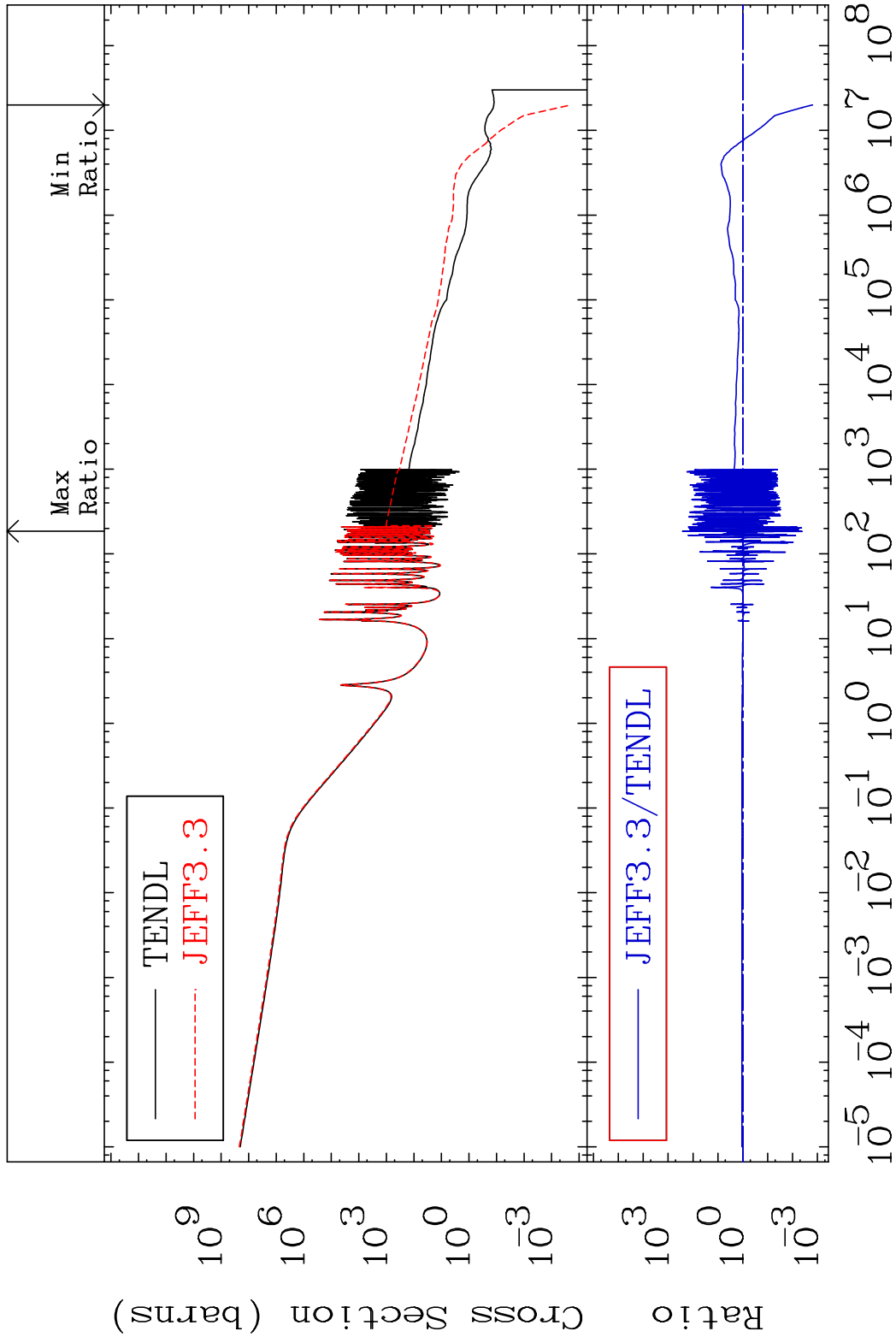
MAT 6440 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-157  
 Cross Section 1260. To 9999. %



MAT 6440

Kerma capture (mt102) 64-Gd-157

Cross Section -99.84 To 9999. %

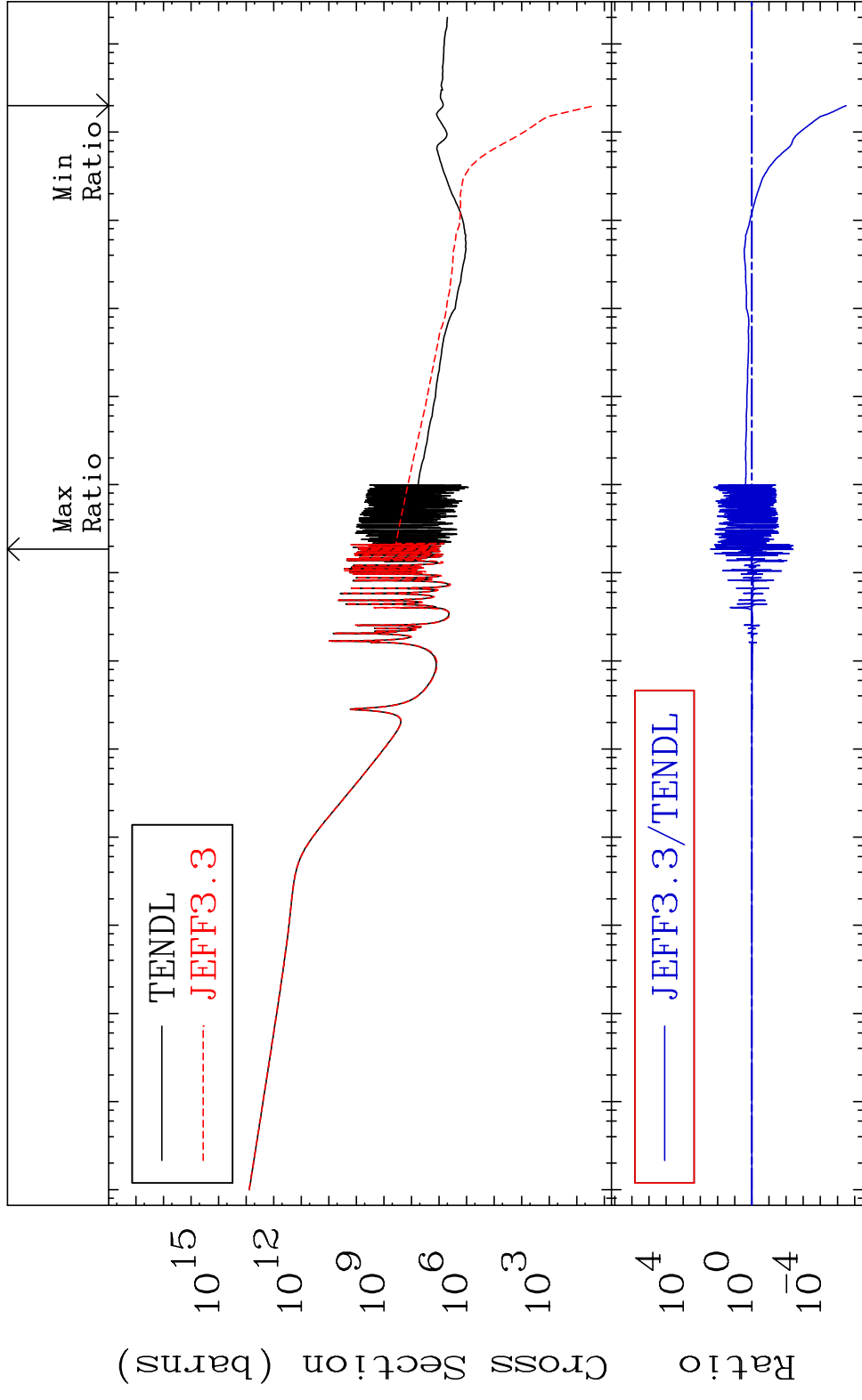


50

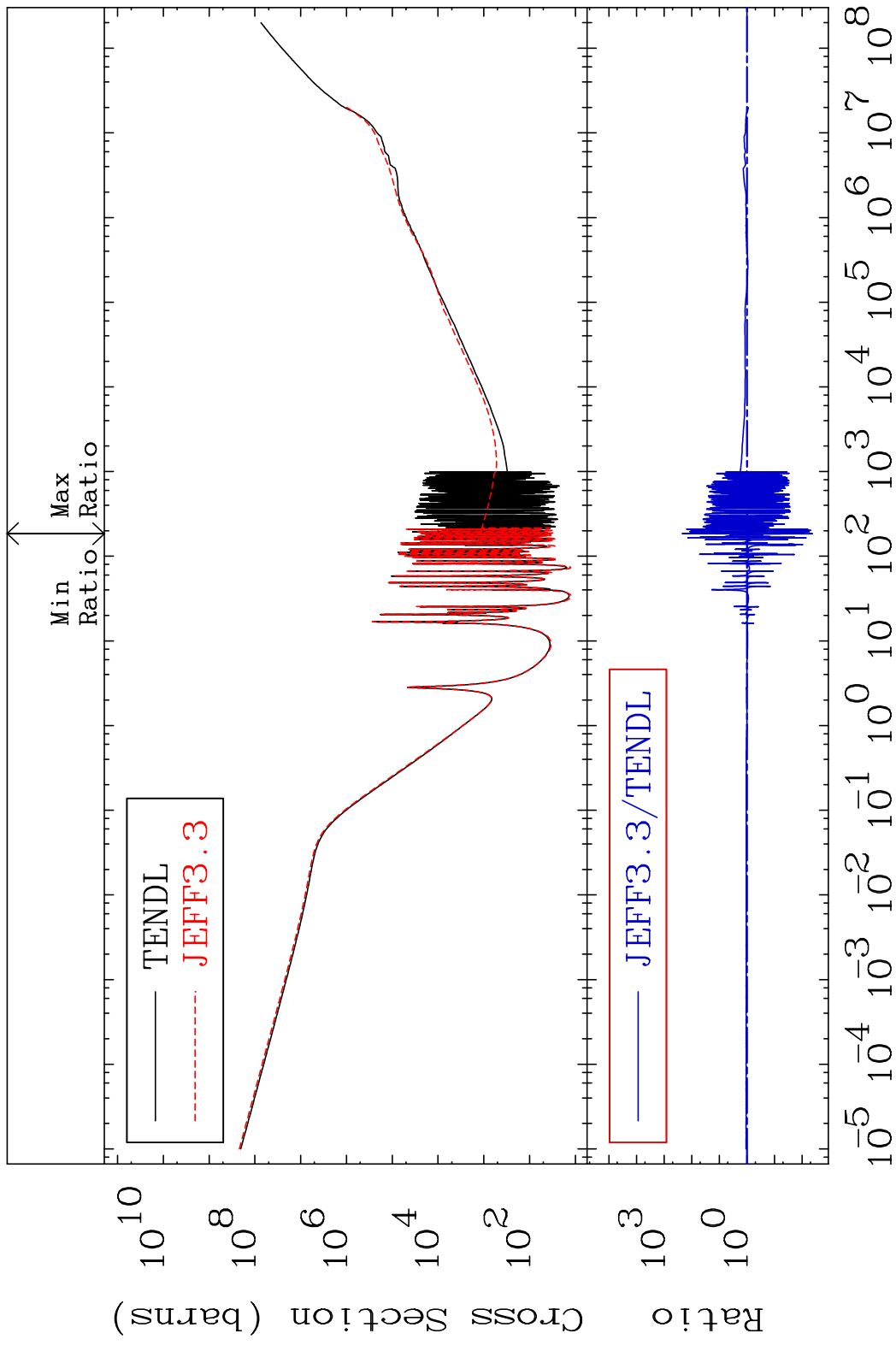
Incident Energy (eV)

64-Gd-157

MAT 6440 Total photon (eV-barns) 64-Gd-157  
 Cross Section -100.0 To 9999. %



MAT 6440 Total kinematic kerma (high limit) 64-Gd-157  
 Cross Section -99.58 To 9999. %

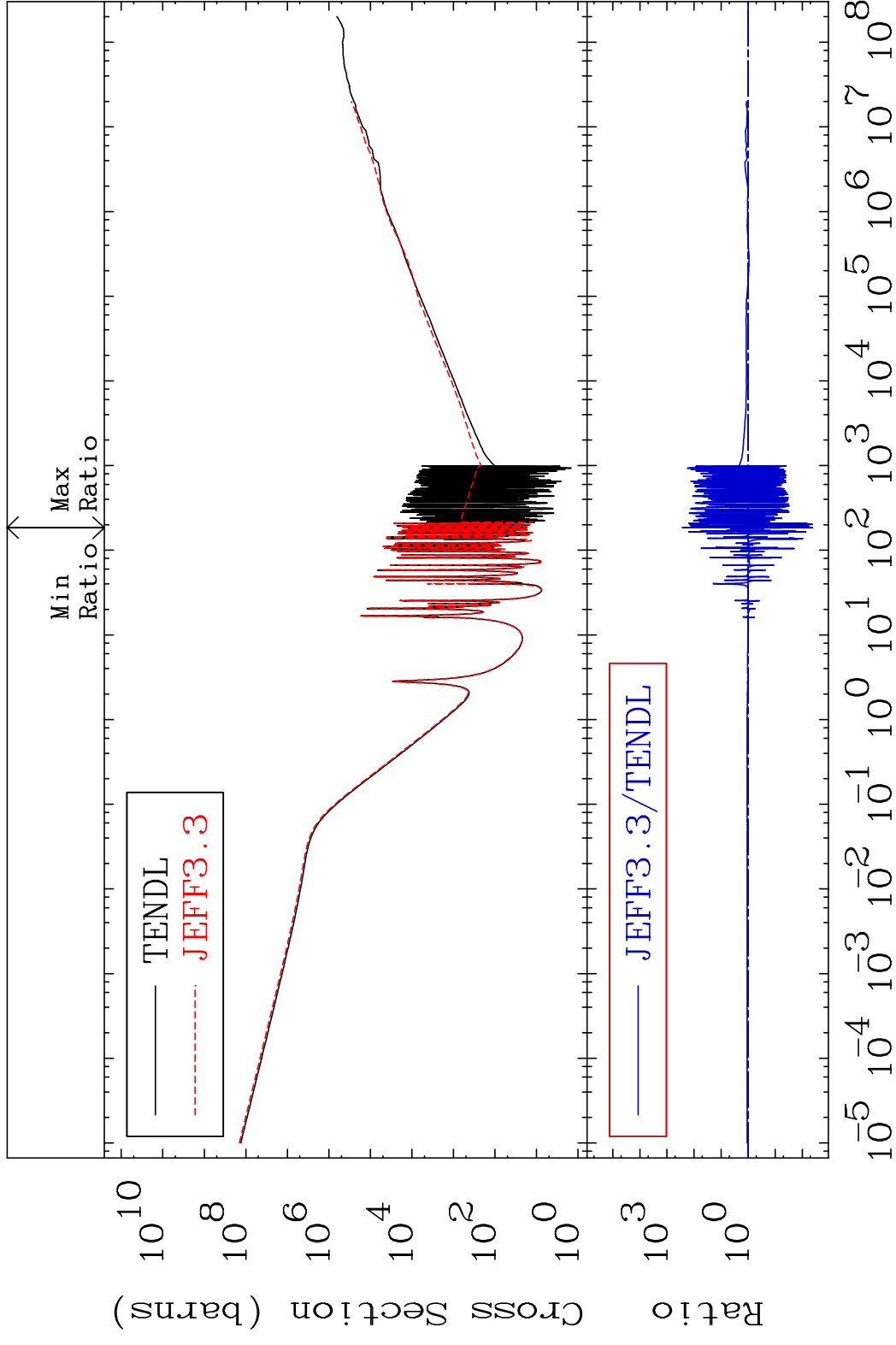


MAT 6440

Dpa total (eV-barns)

64-Gd-157

Cross Section -99.58 To 9999. %

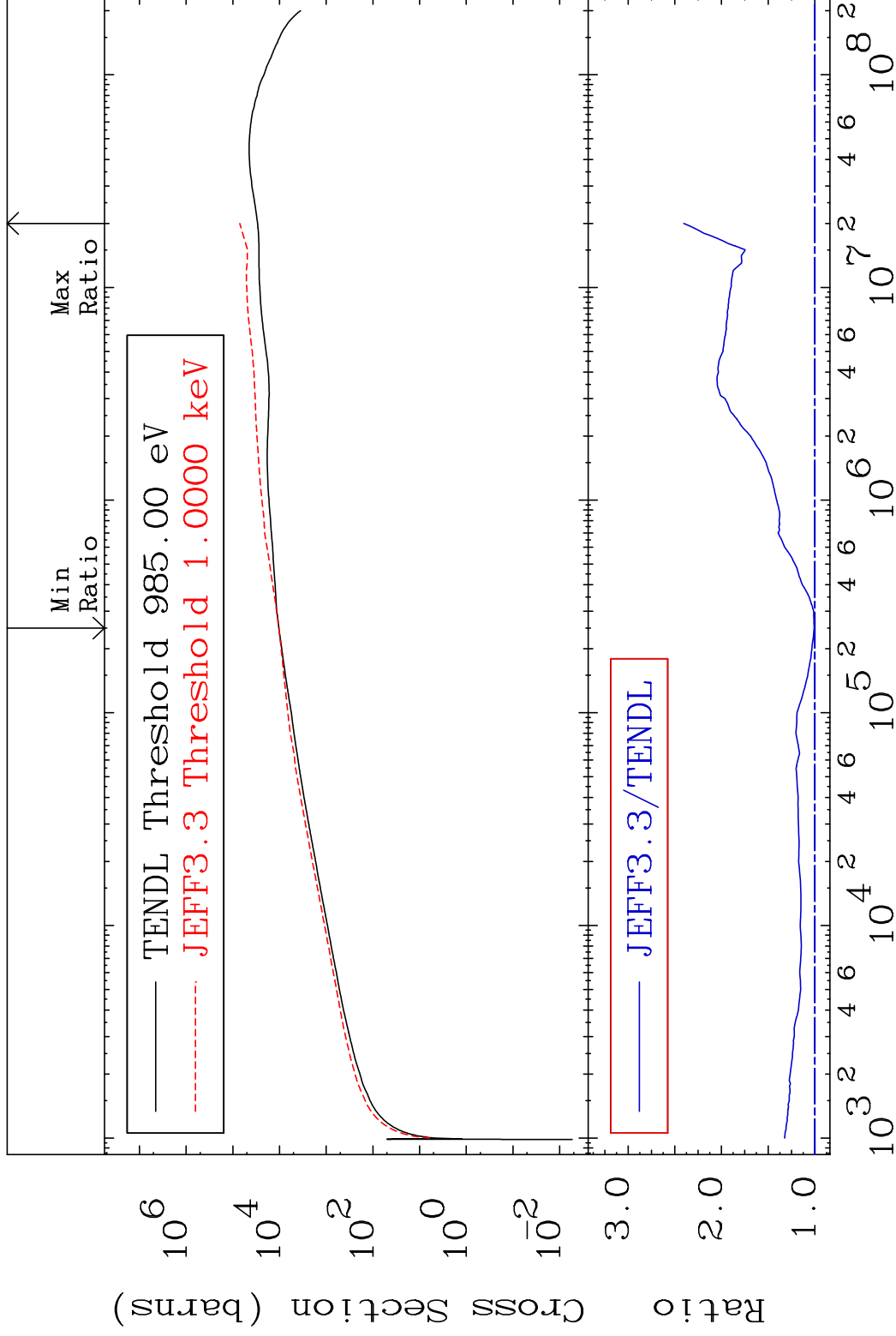


MAT 6440

Dpa elastic (mt2)

64-Gd-157

Cross Section 0.696 To 140.6 %

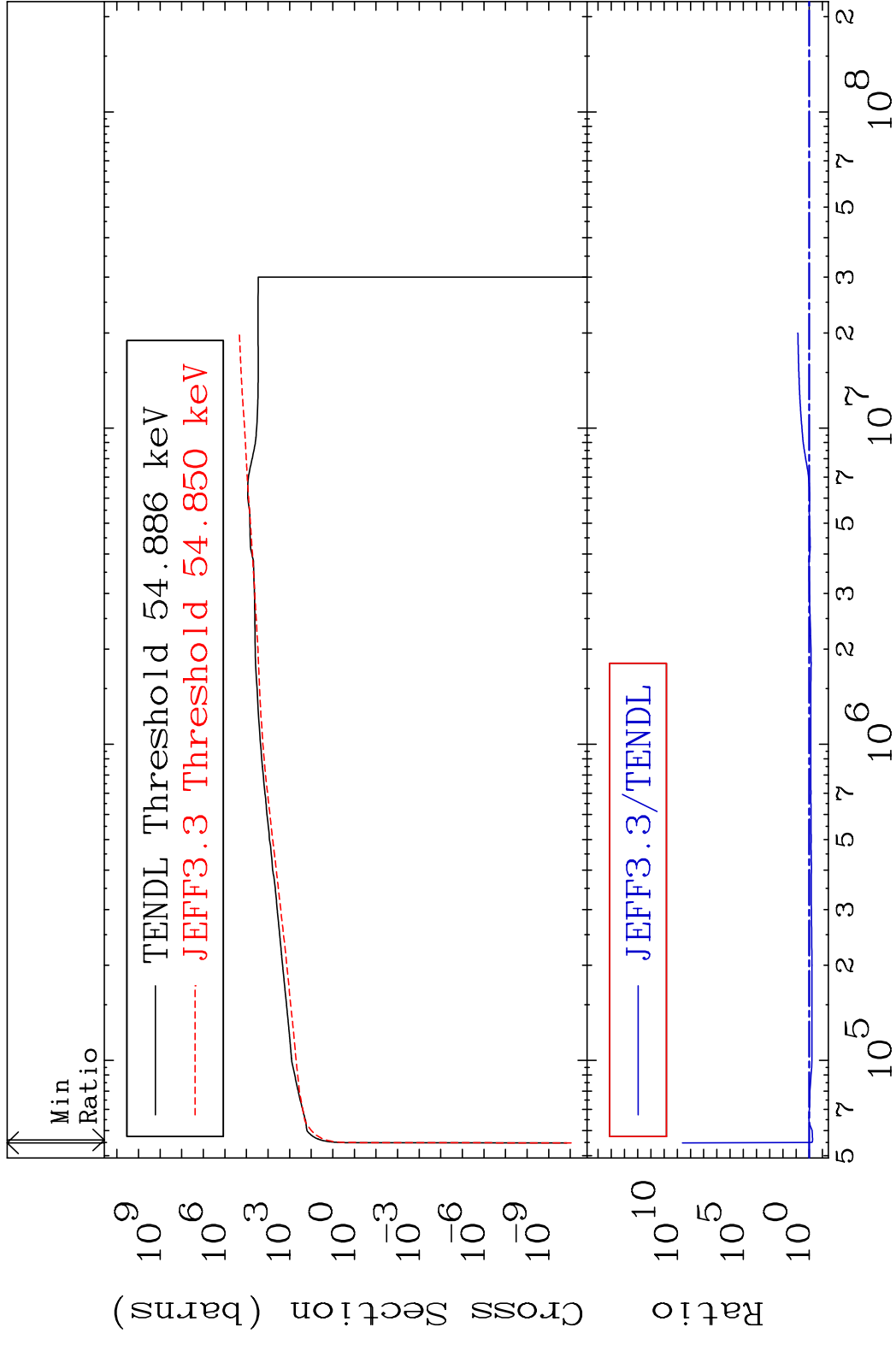


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Incident Energy (eV)

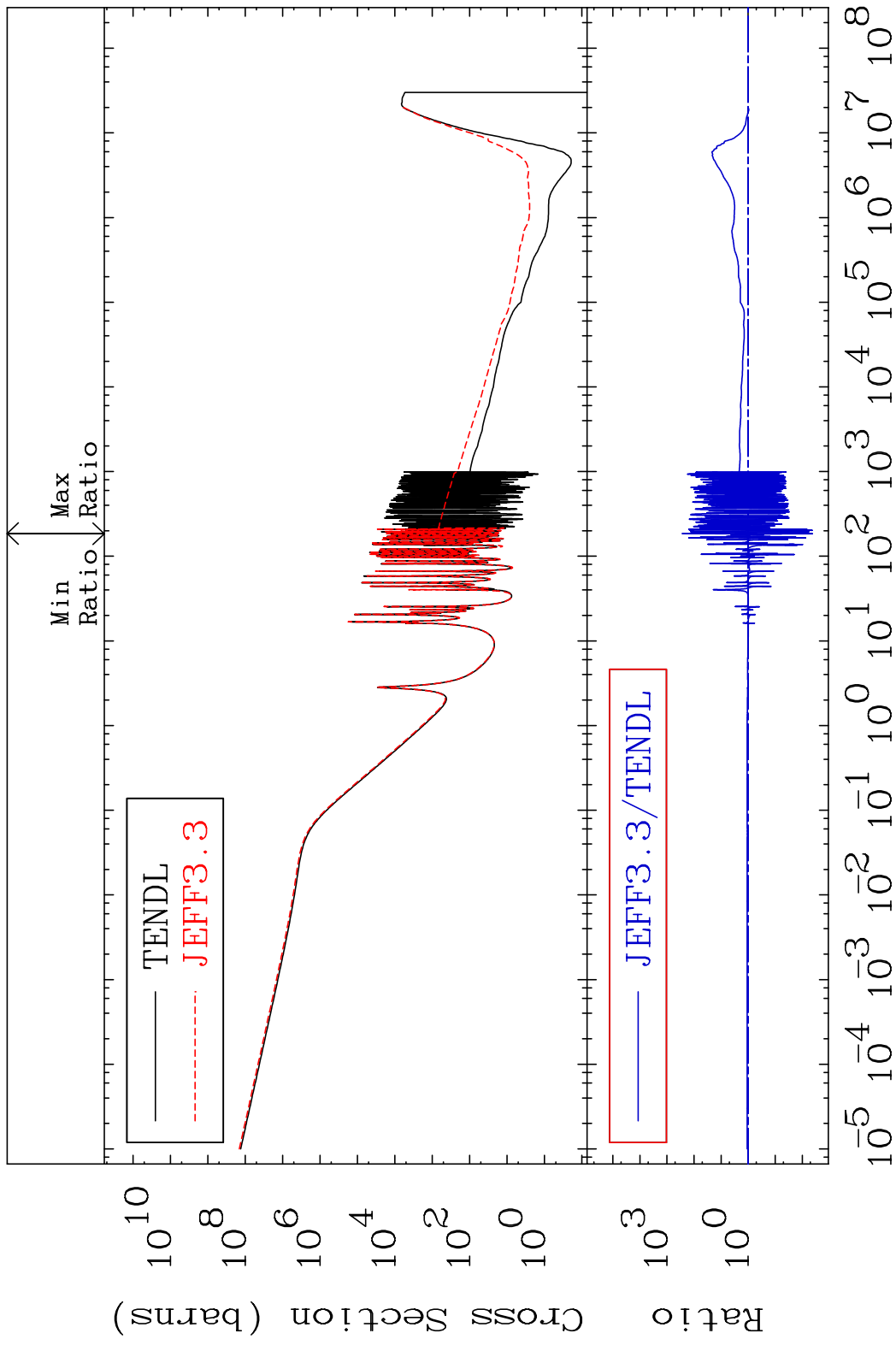
64-Gd-157

MAT 6440 Dpa inelastic (mt51-91) 64-Gd-157  
 Cross Section -43.46 To 9999. %





MAT 6440 Dpa disappearance (mt102 -120) 64-Gd-157  
 Cross Section -99.58 To 9999. %



MAT 6440 Dpa disappearance (mt102 -120) 64-Gd-157  
 Cross Section -99.29 To 9999. %

