

Program Complot  
(Version 2021-1)

by

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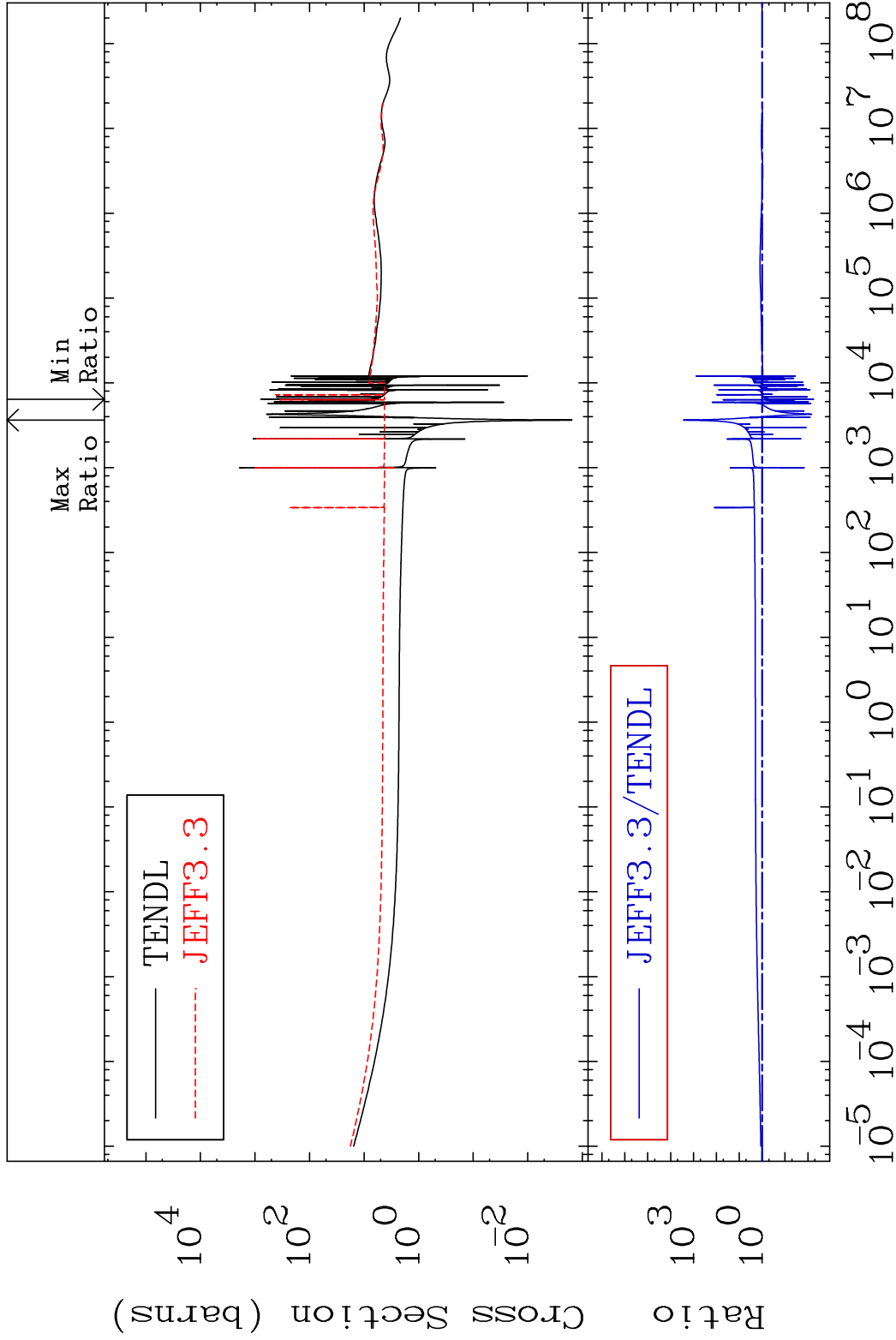
Press Mouse Button to Start

MAT 5455

Total

54-Xe-134

Cross Section -99.45 To 9999. %



1

Incident Energy (eV)

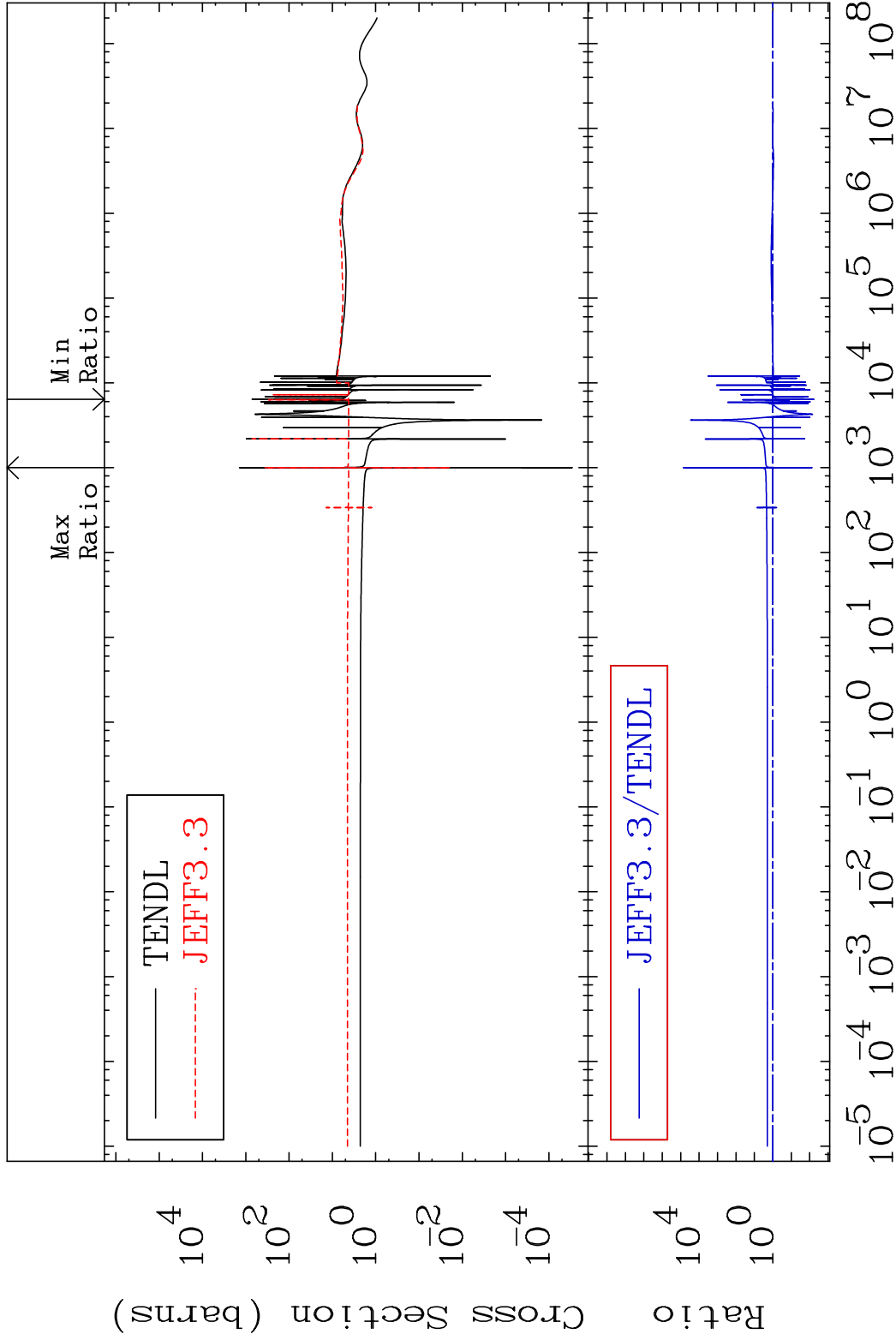
54-Xe-134

MAT 5455

Elastic

54-Xe-134

Cross Section -99.41 To 9999. %



2

Incident Energy (eV)

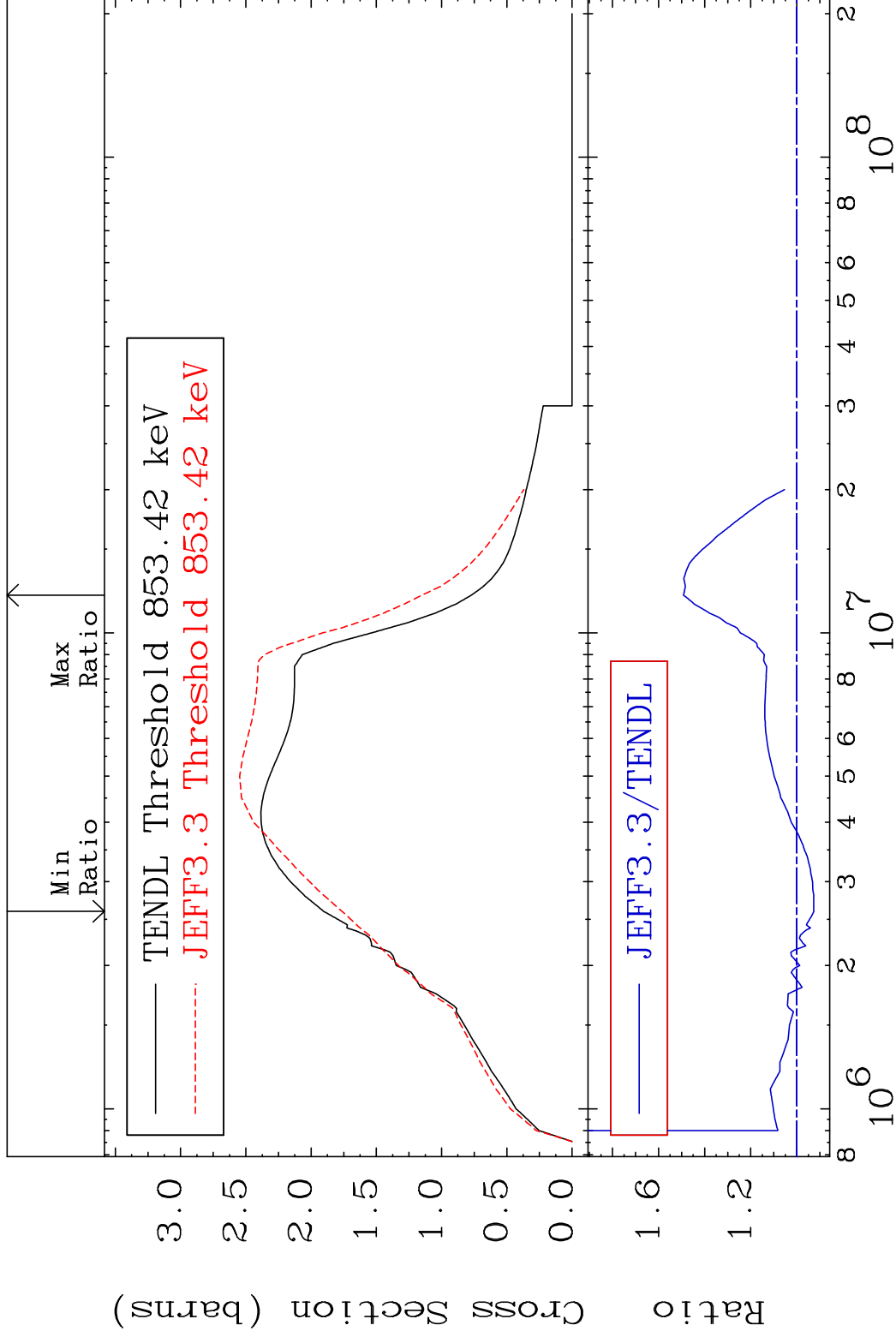
54-Xe-134

MAT 5455

Inelastic

54-Xe-134

Cross Section -7.396 To 49.21 %

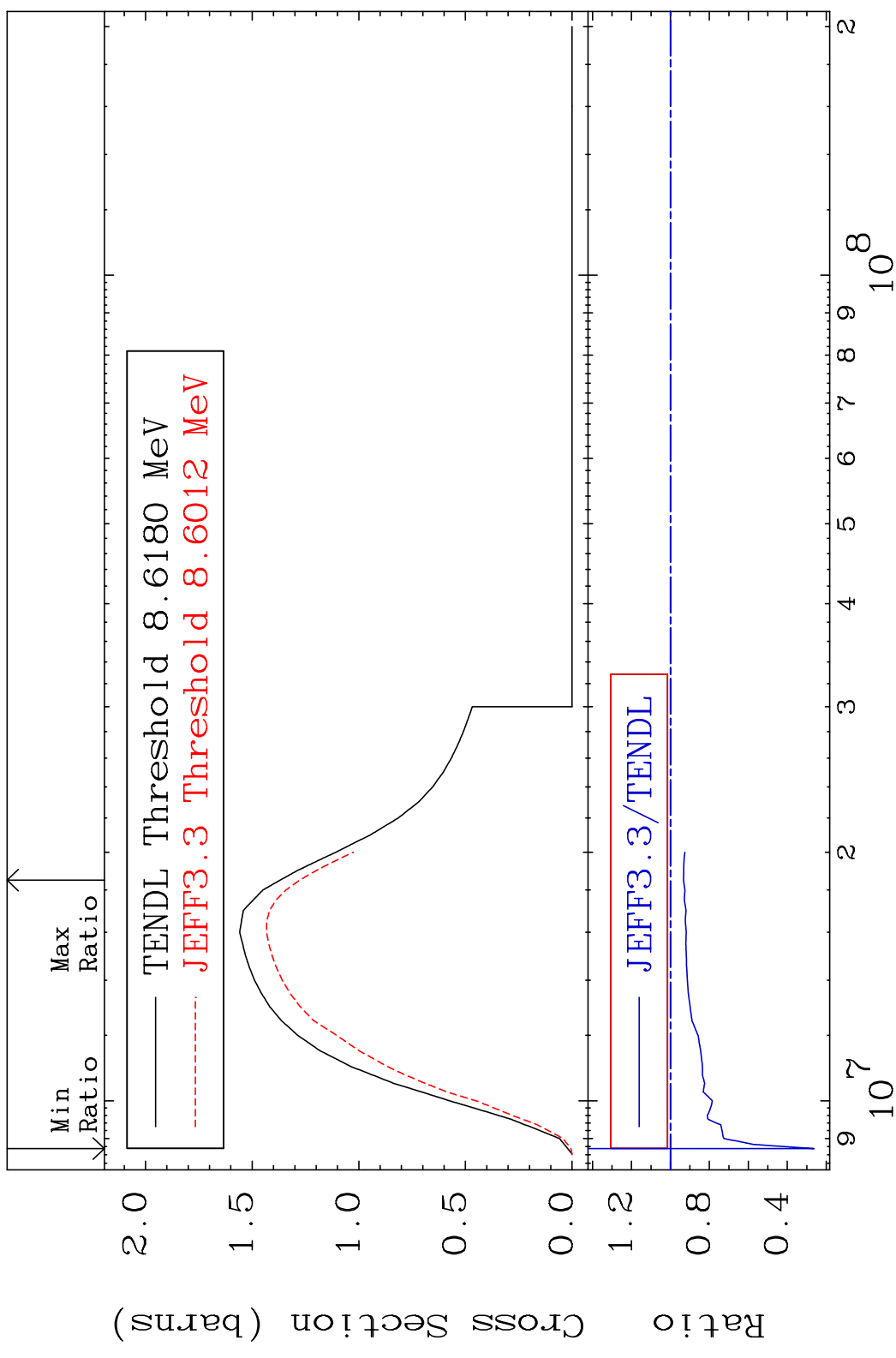


3

Incident Energy (eV)

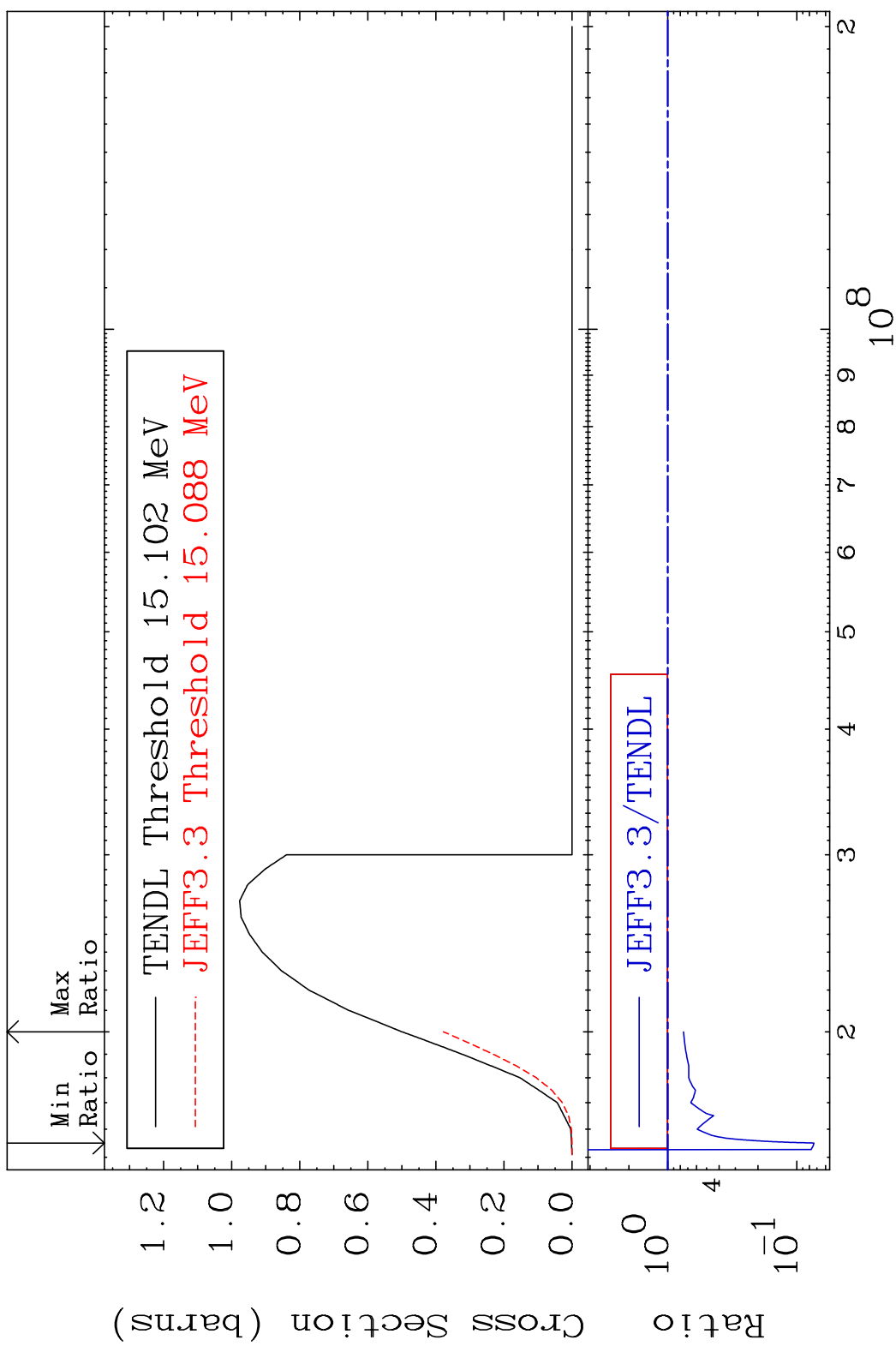
54-Xe-134

MAT 5455 (n,2n) 54-Xe-134  
 Cross Section -73.65 To -6.691%

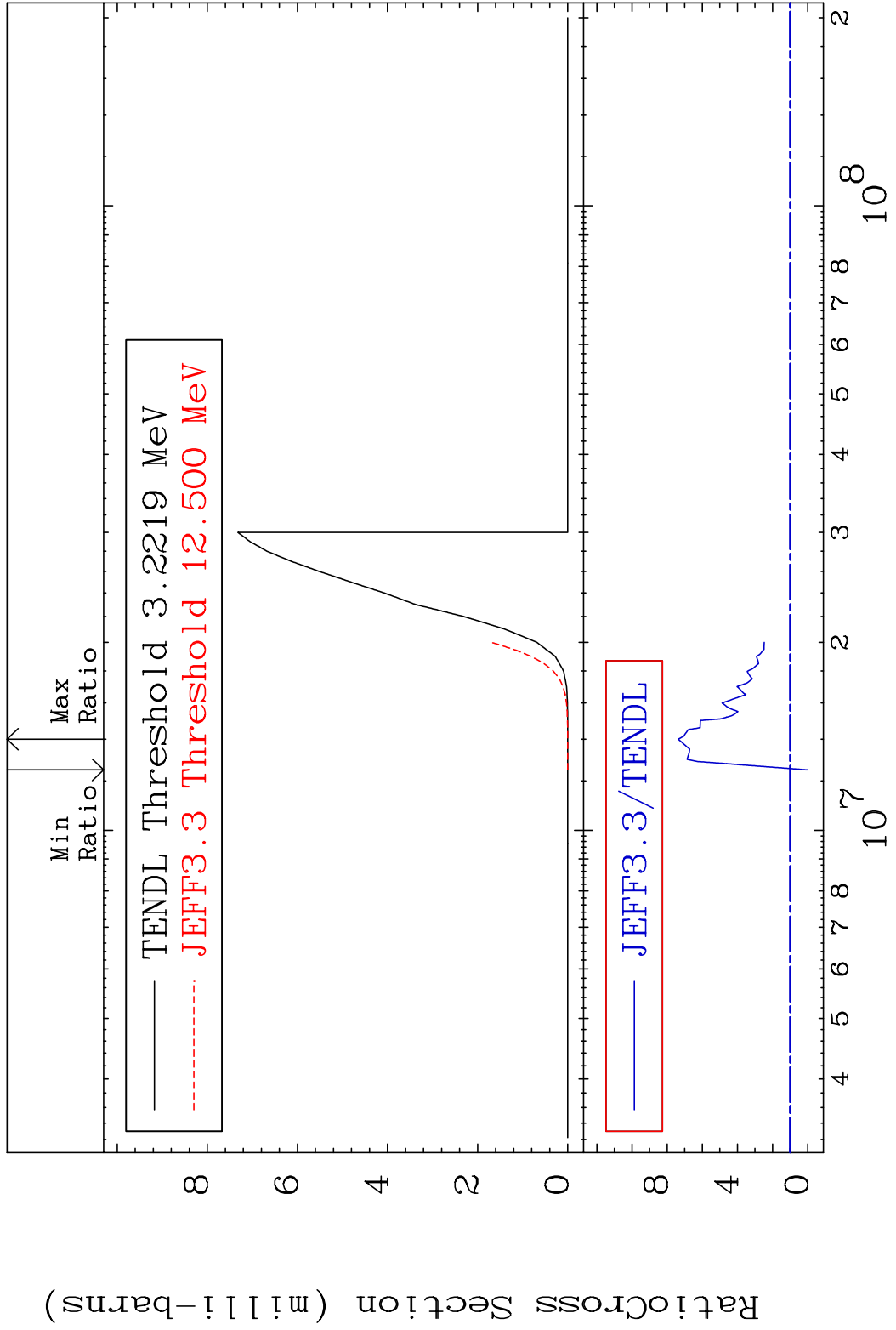


4 Incident Energy (eV) 54-Xe-134

MAT 5455 (n,3n) 54-Xe-134  
 Cross Section -92.61 To -24.42%

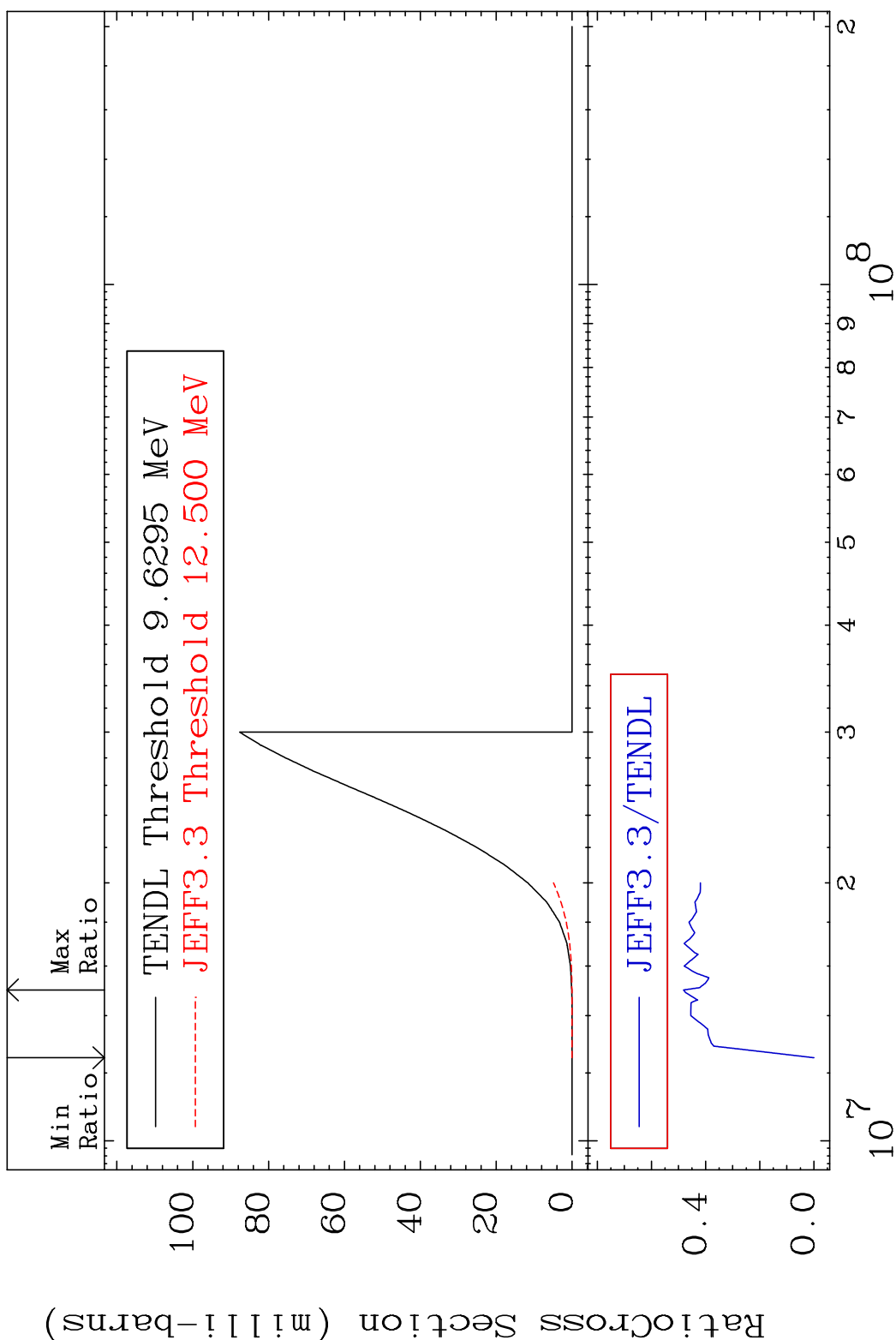


MAT 5455 (n, n')  $\alpha$  54-Xe-134  
 Cross Section -100.0 To 636.6 %



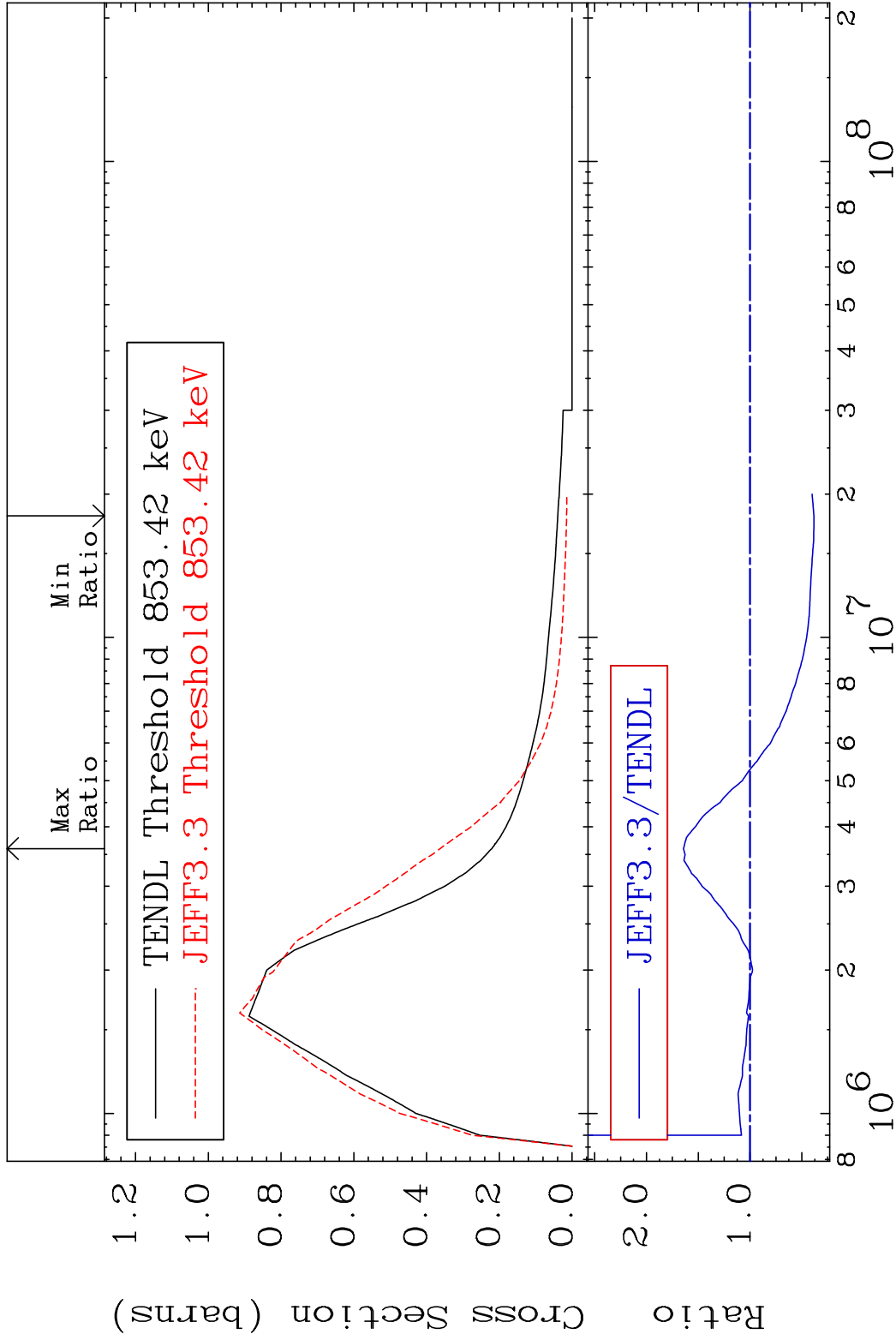
6 Incident Energy (eV) 54-Xe-134

MAT 5455 (n, n') p 54-Xe-134  
 Cross Section -100.0 To -51.82%



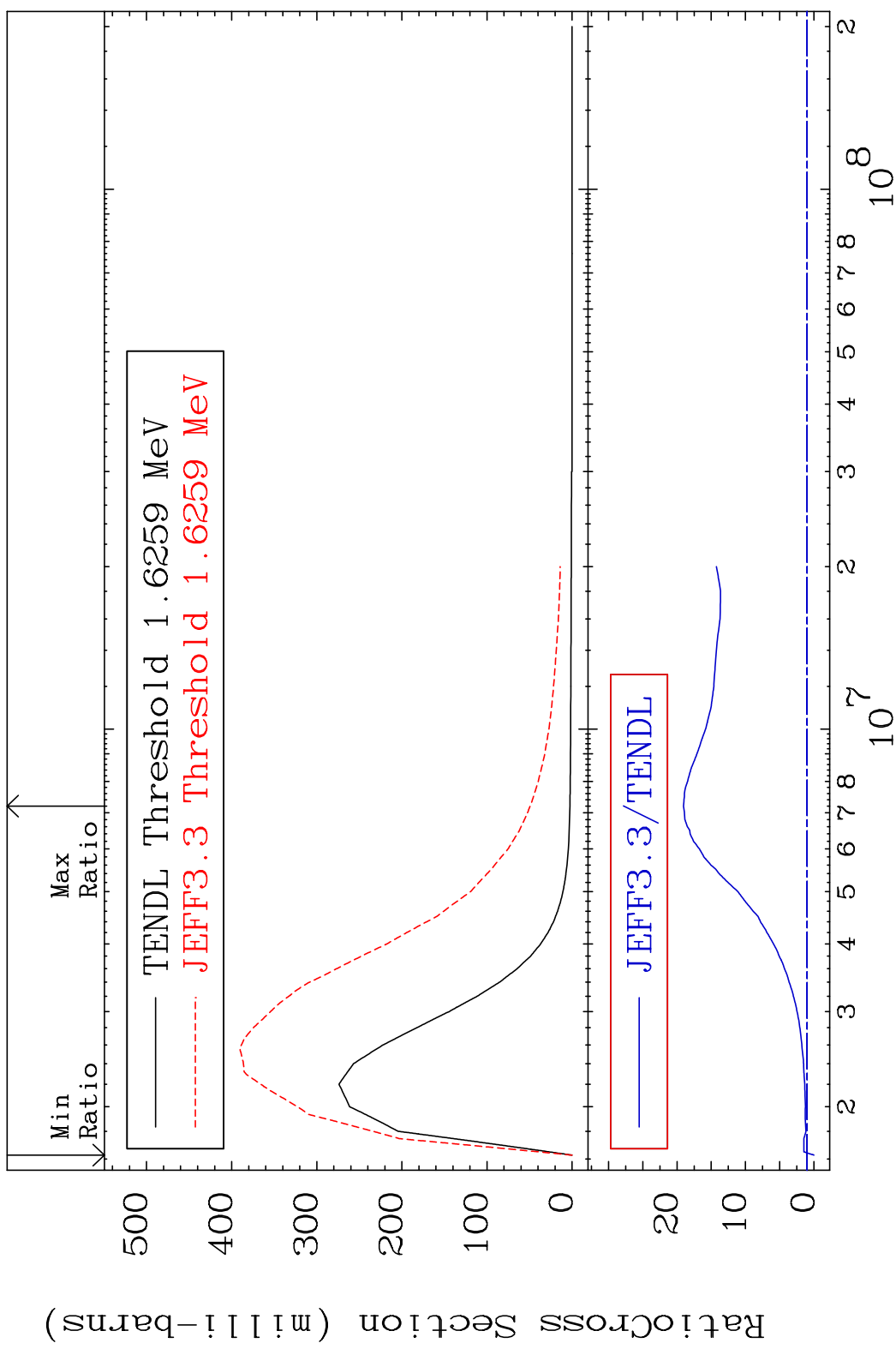
7 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 51 (n, n') Level 54-Xe-134  
 Cross Section -61.67 To 64.29 %

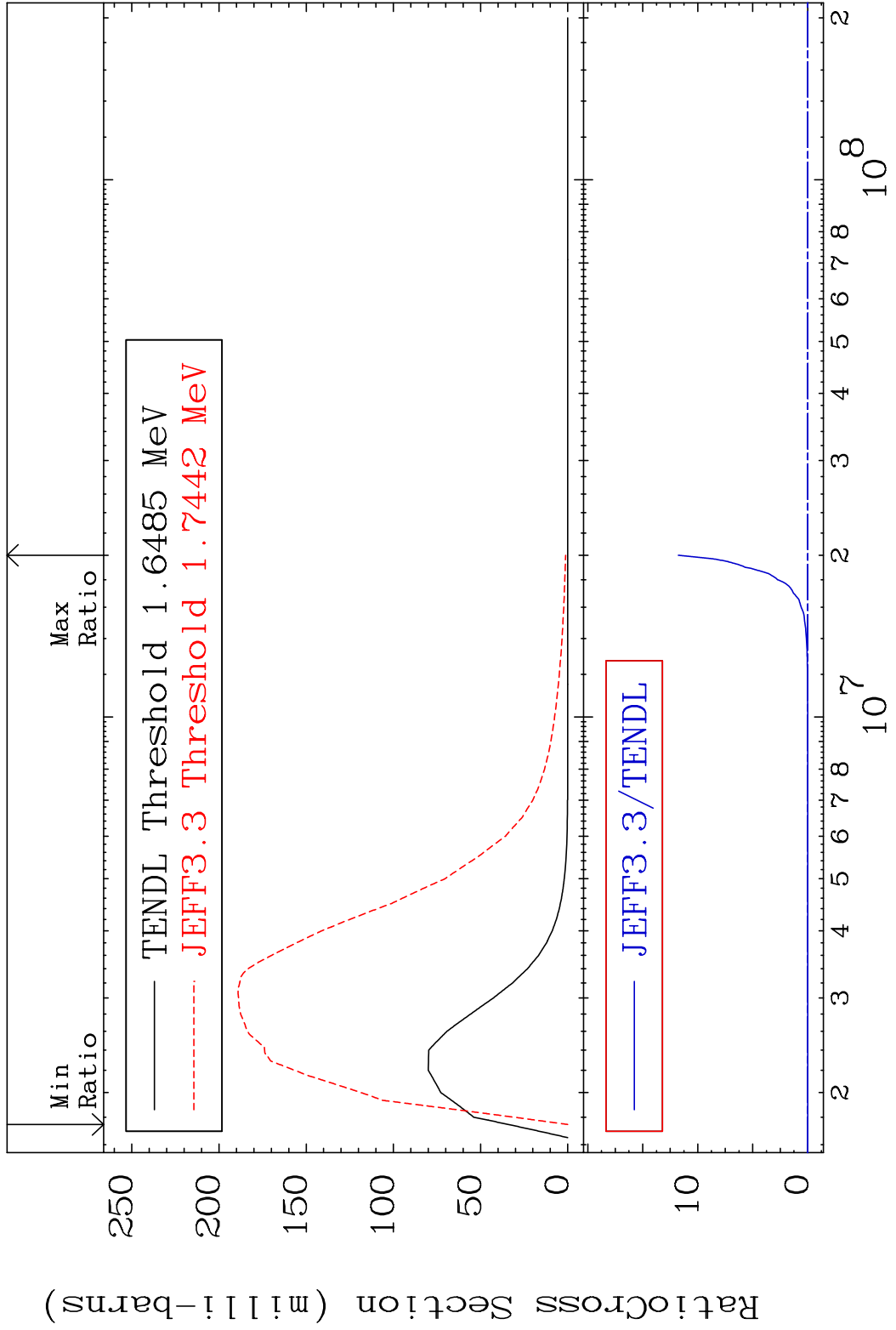


8 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 52 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 1806. %

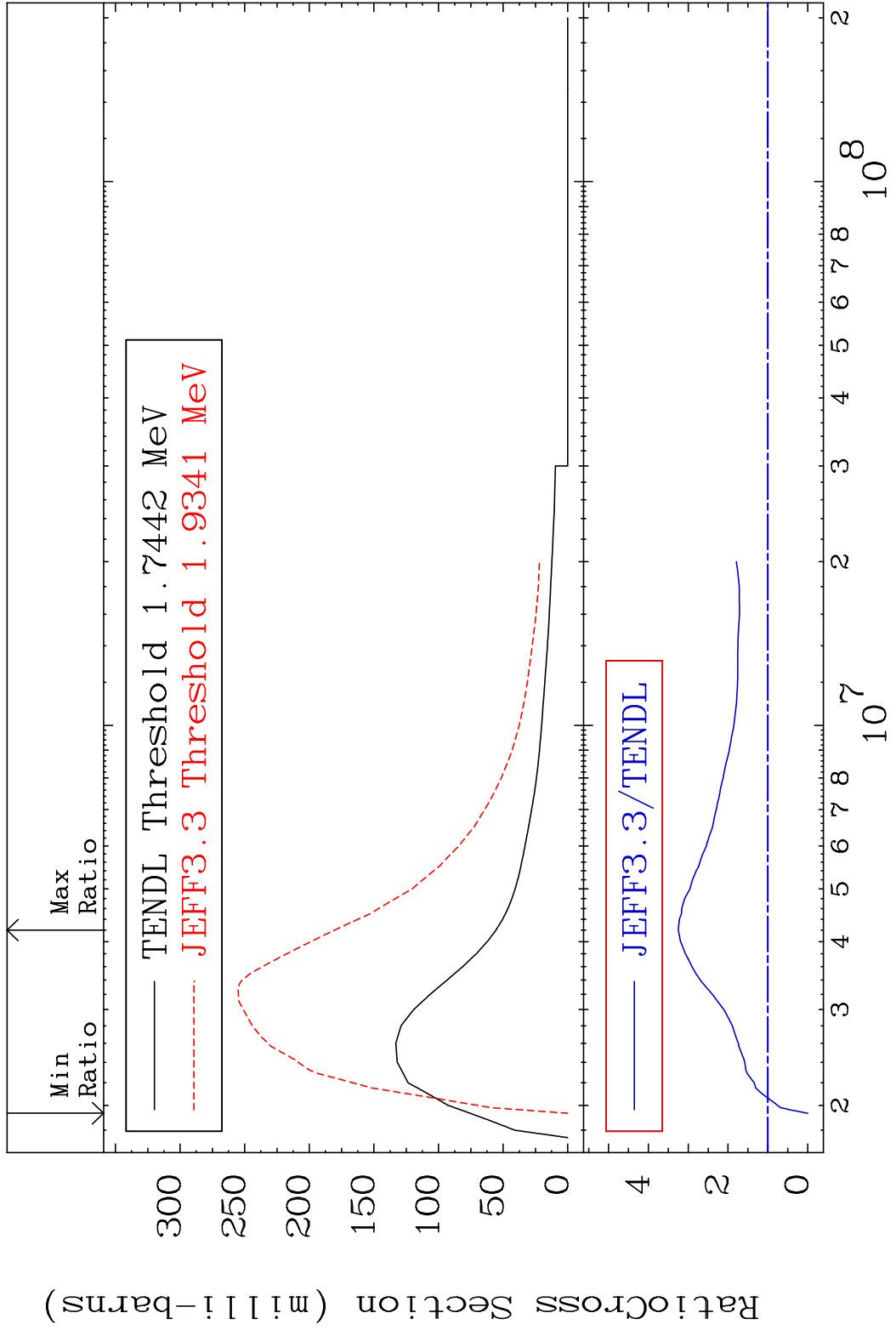


MAT 5455 MT= 53 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 9999. %



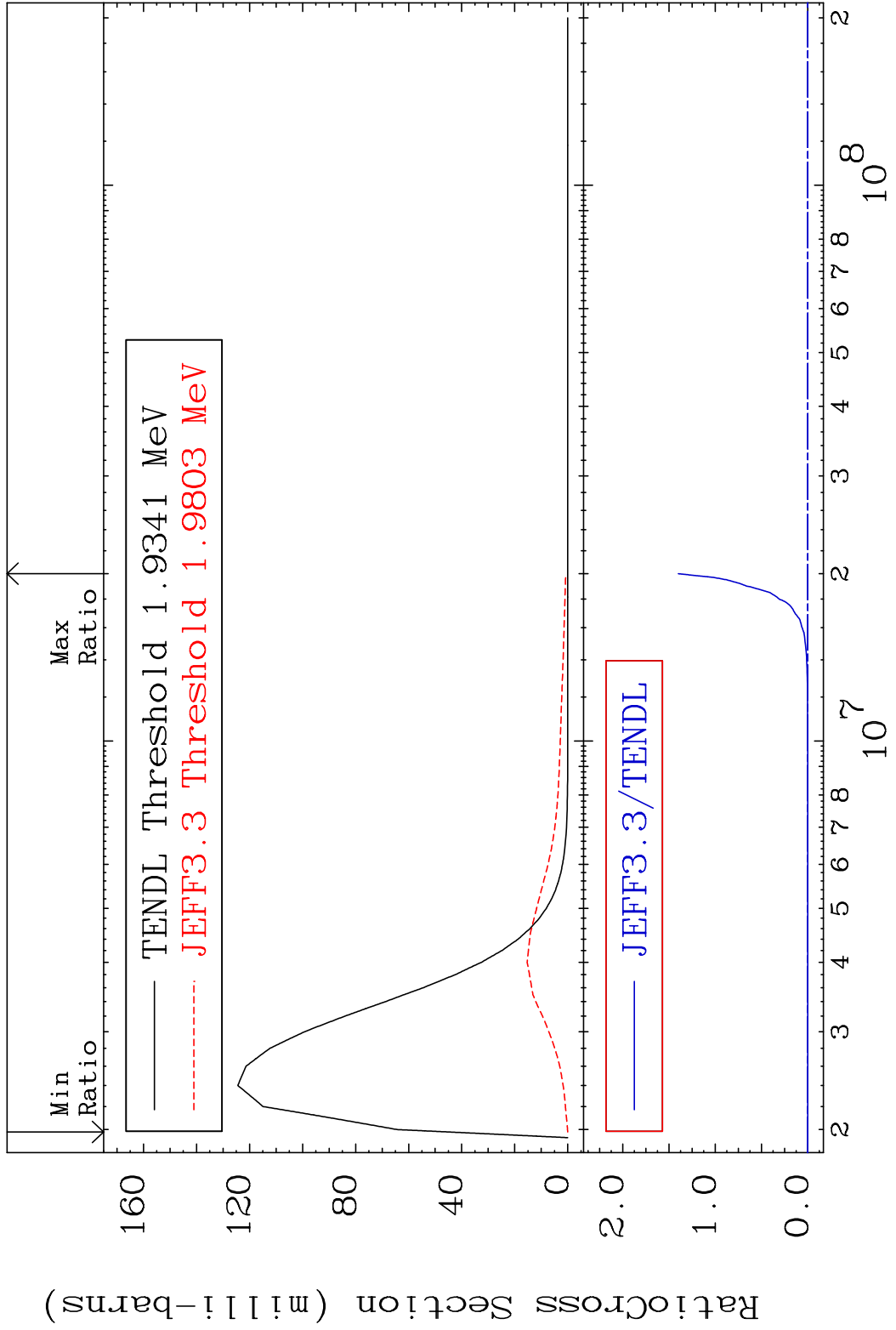
10 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 54 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 225.0 %



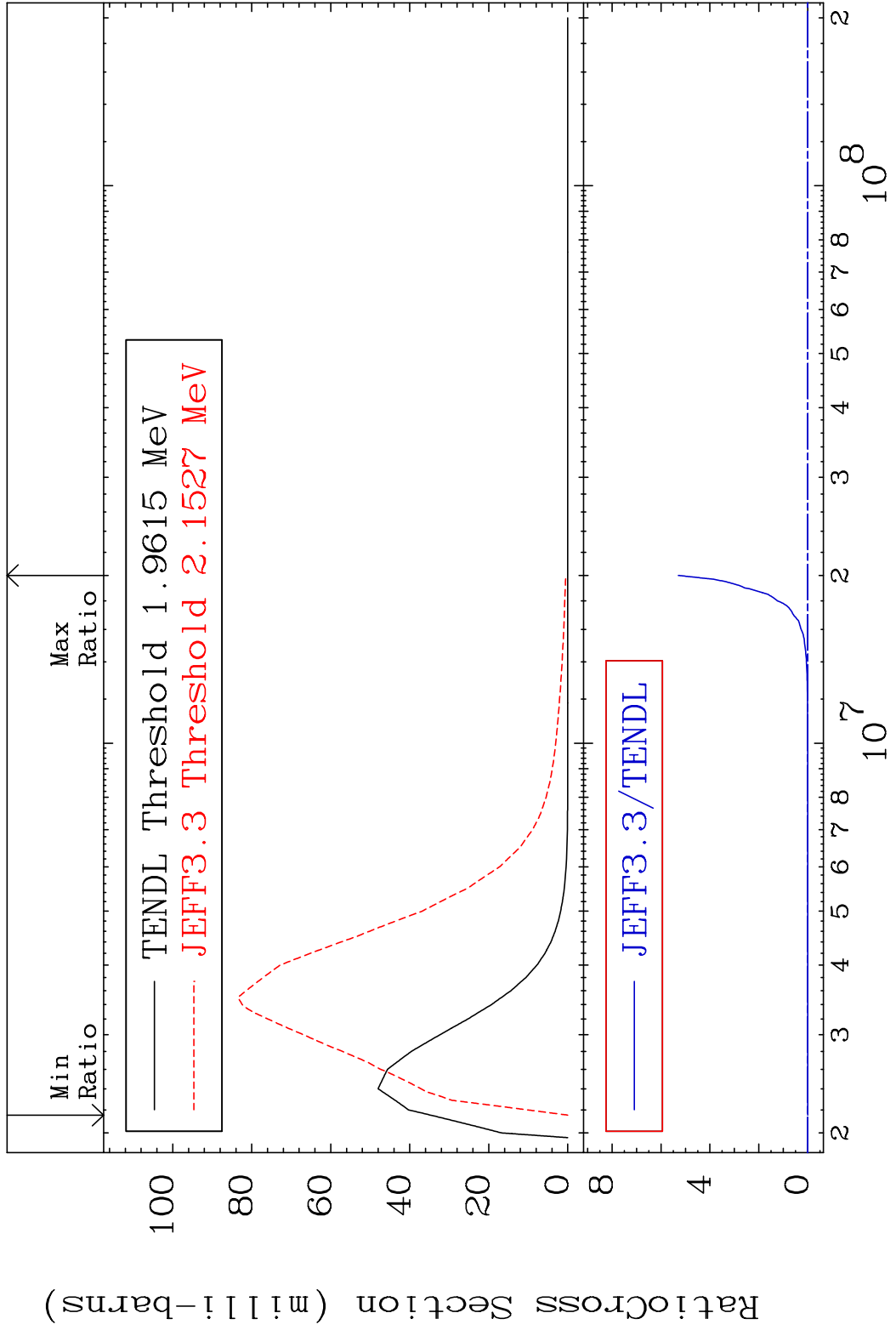
11 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 55 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 9999. %



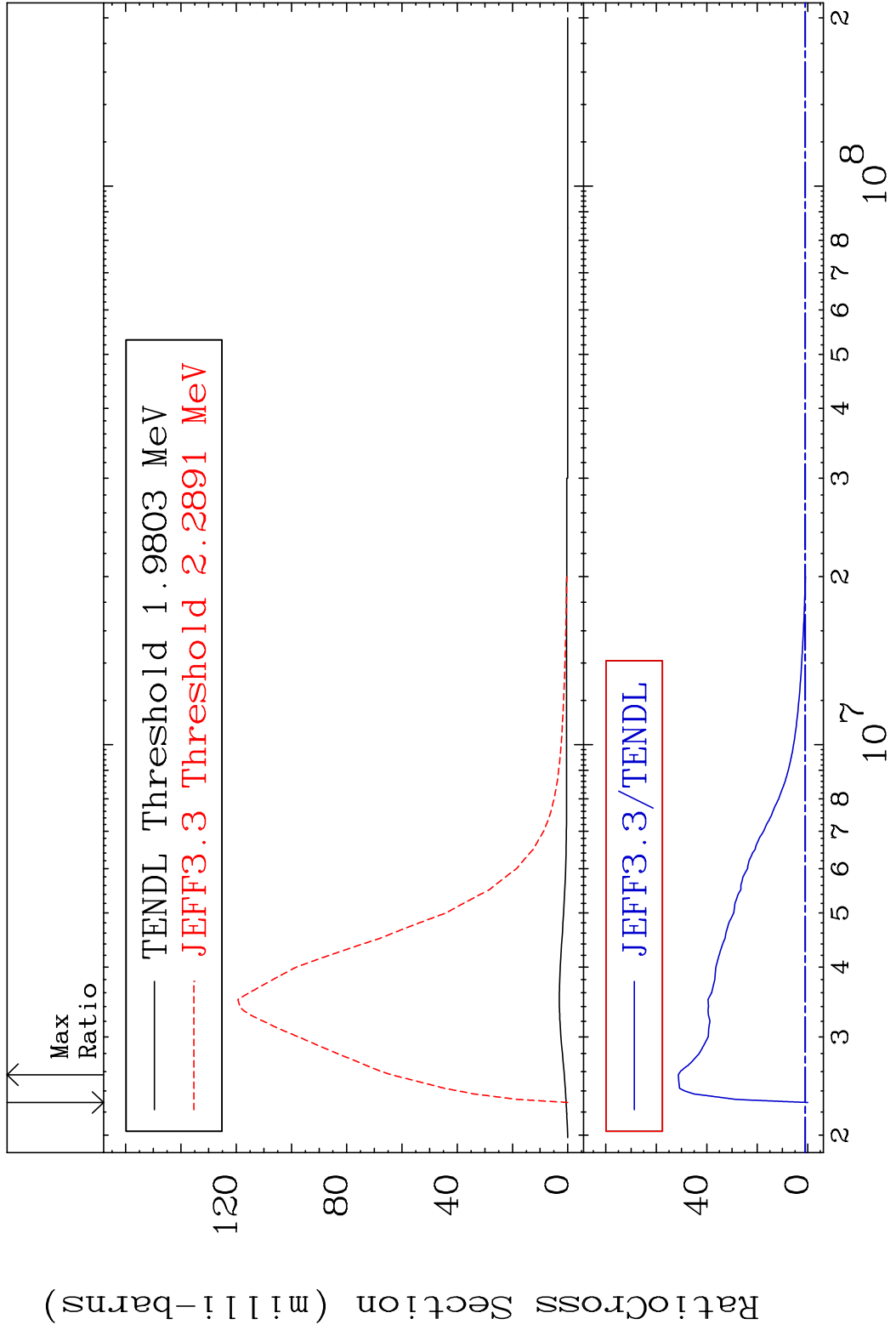
12 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 56 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 9999. %



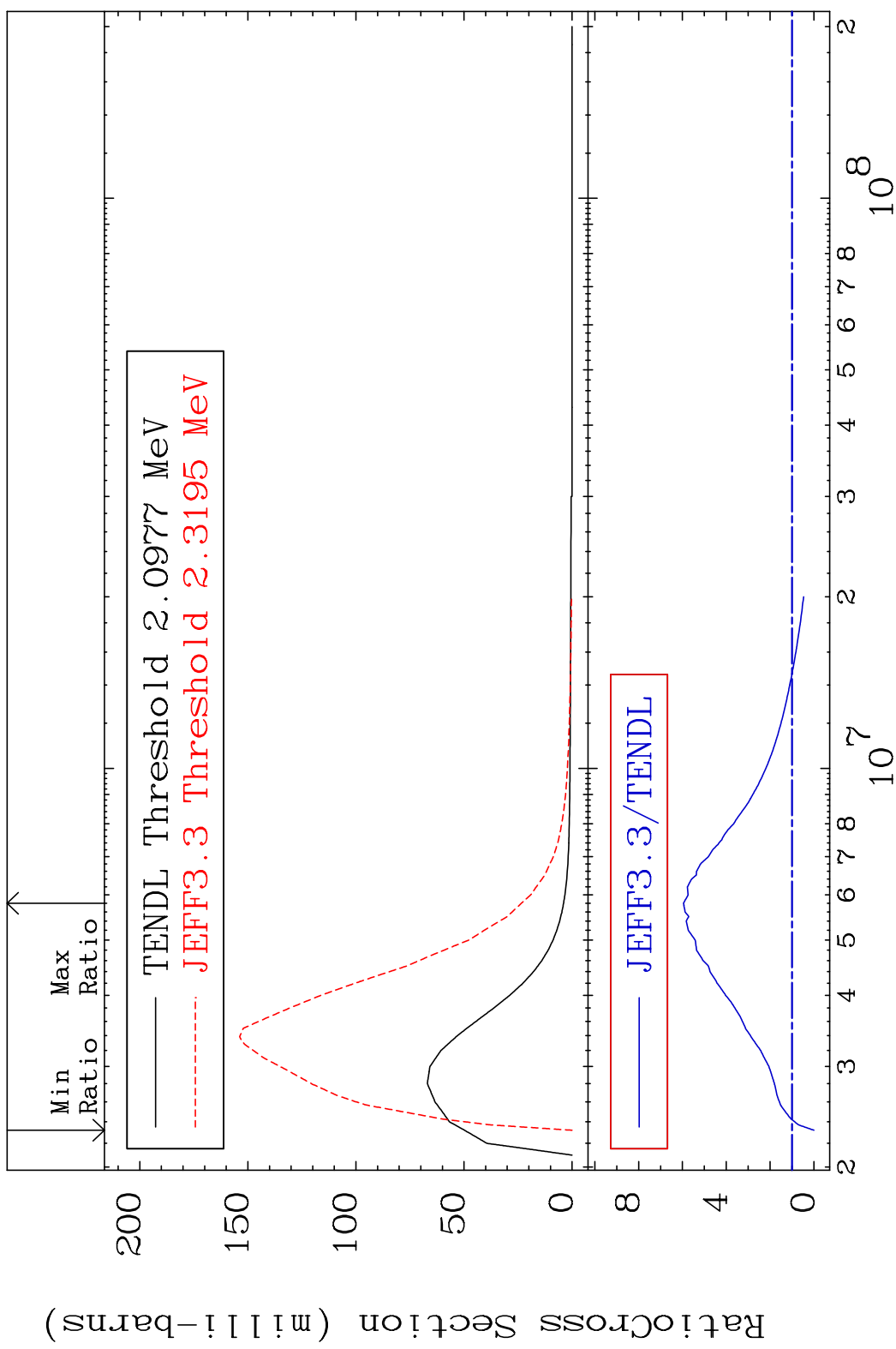
13 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 57 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 5030. %



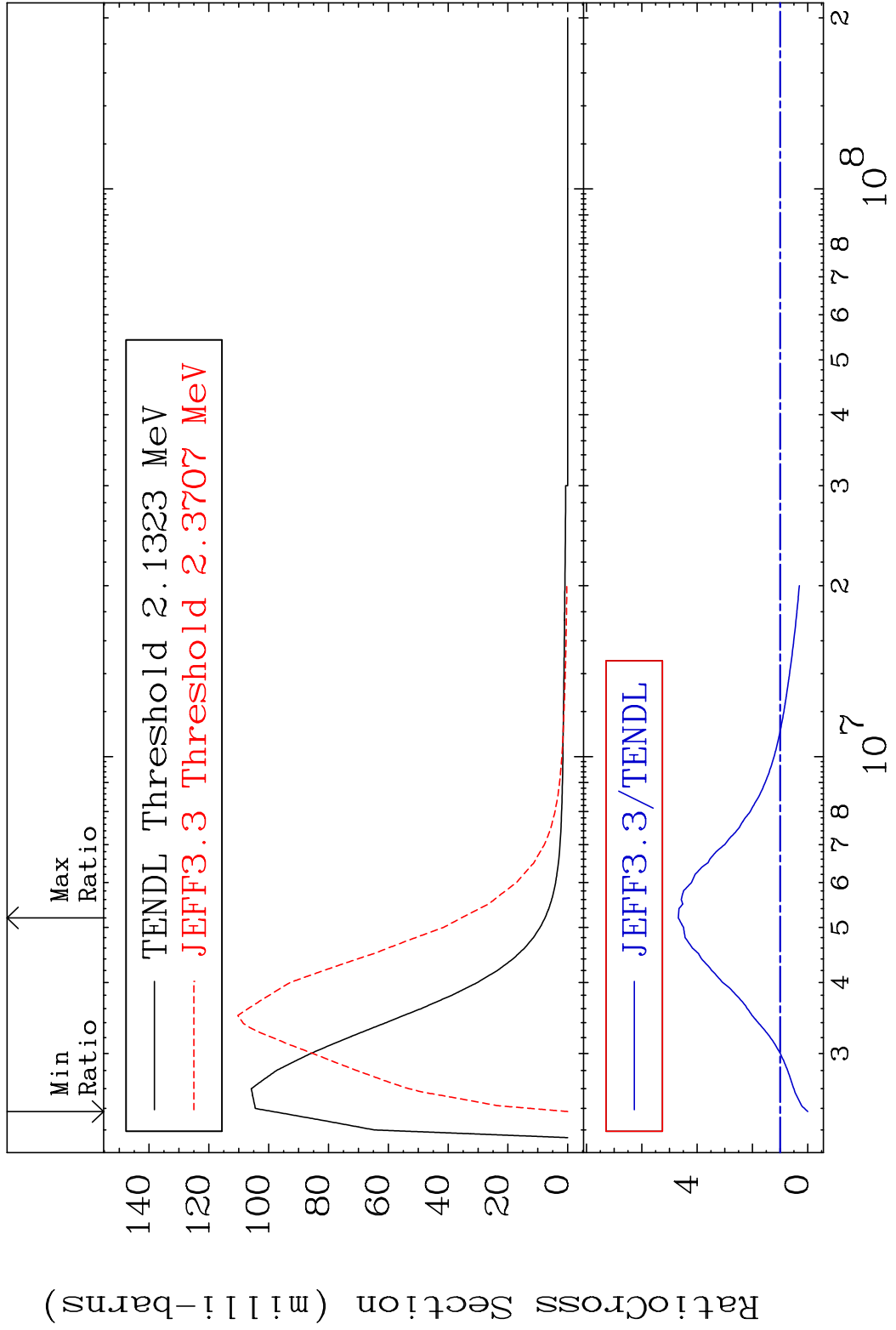
14 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 58 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 495.4 %



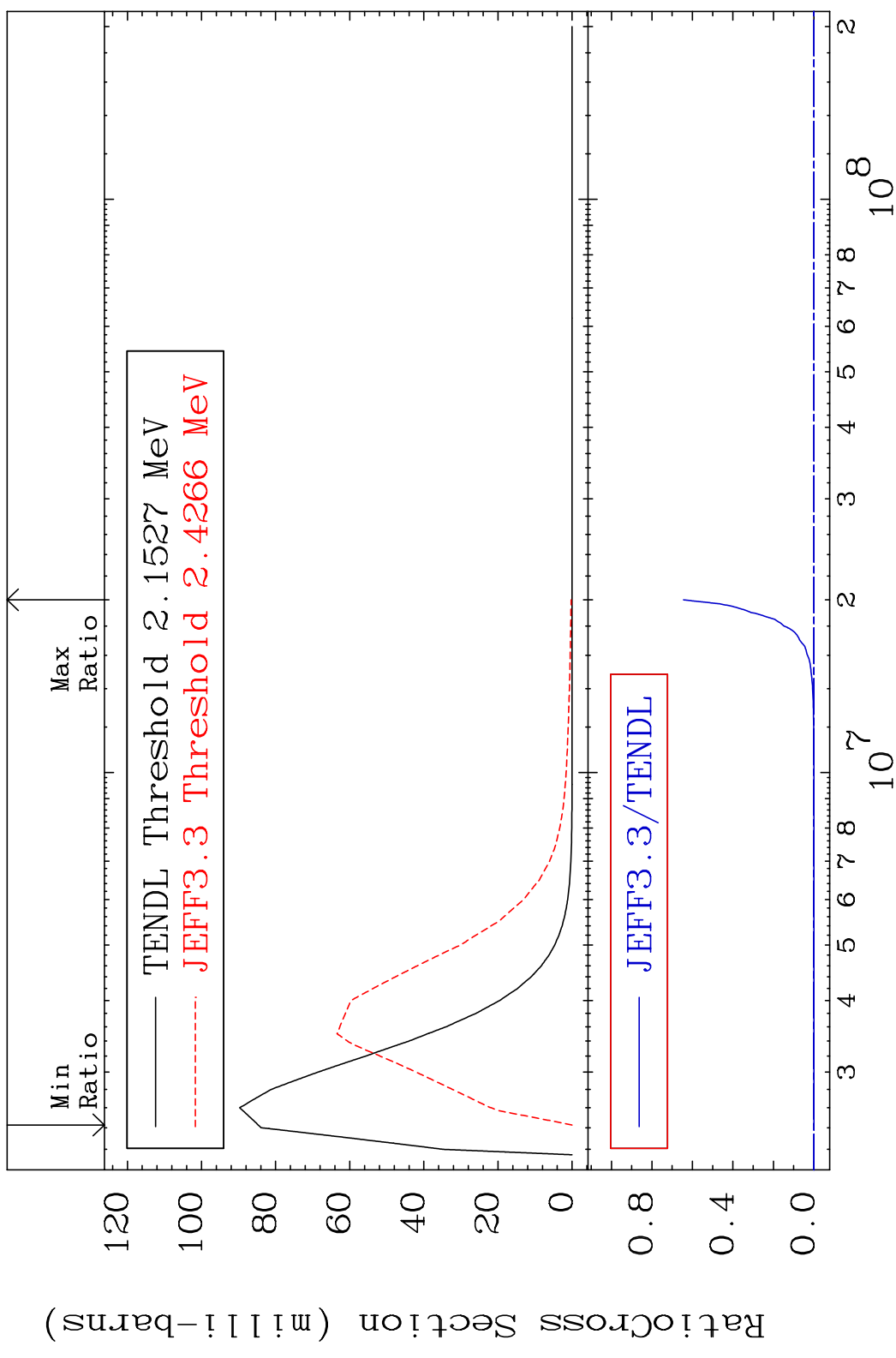
15 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 59 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 367.9 %



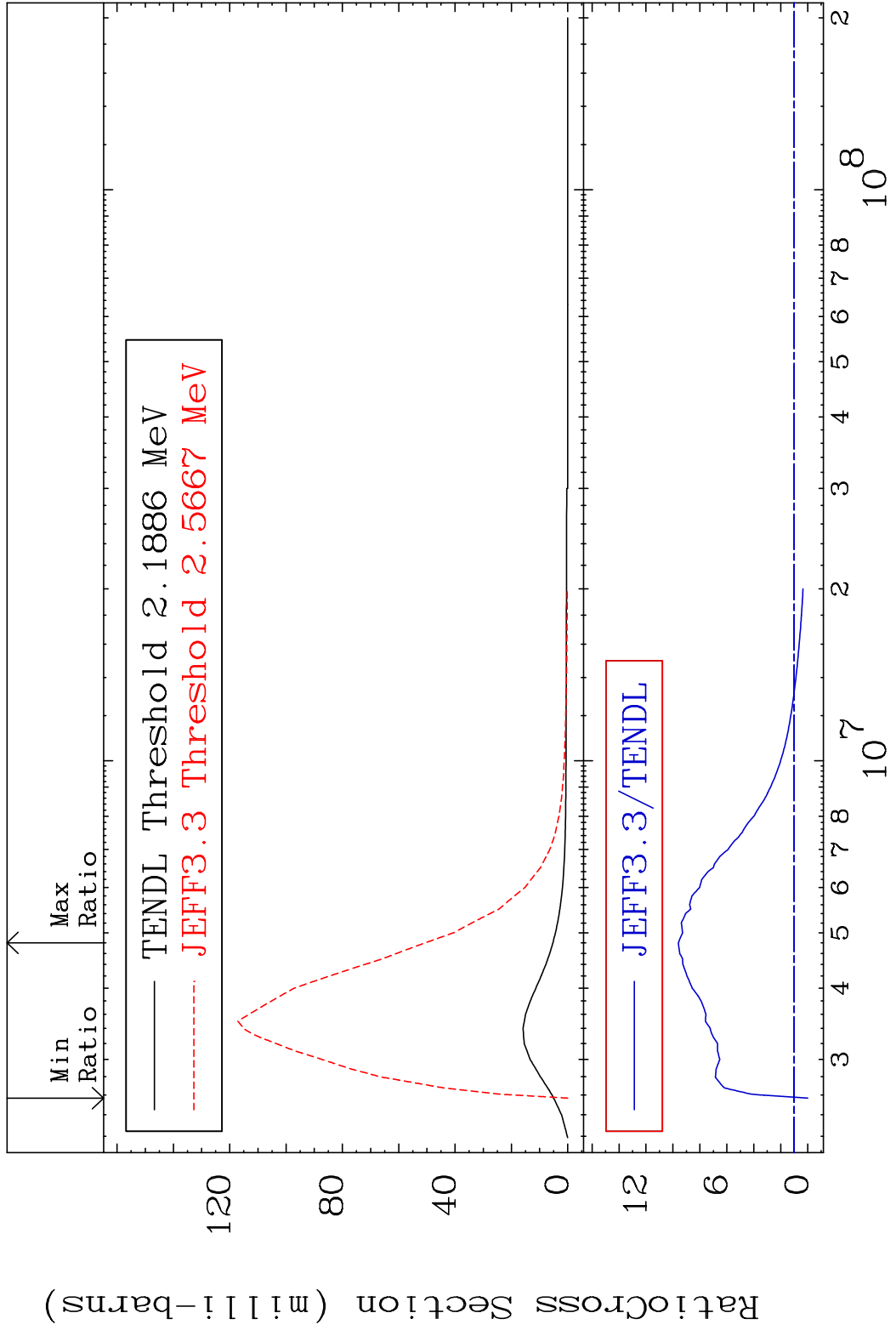
16 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 60 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 9999. %



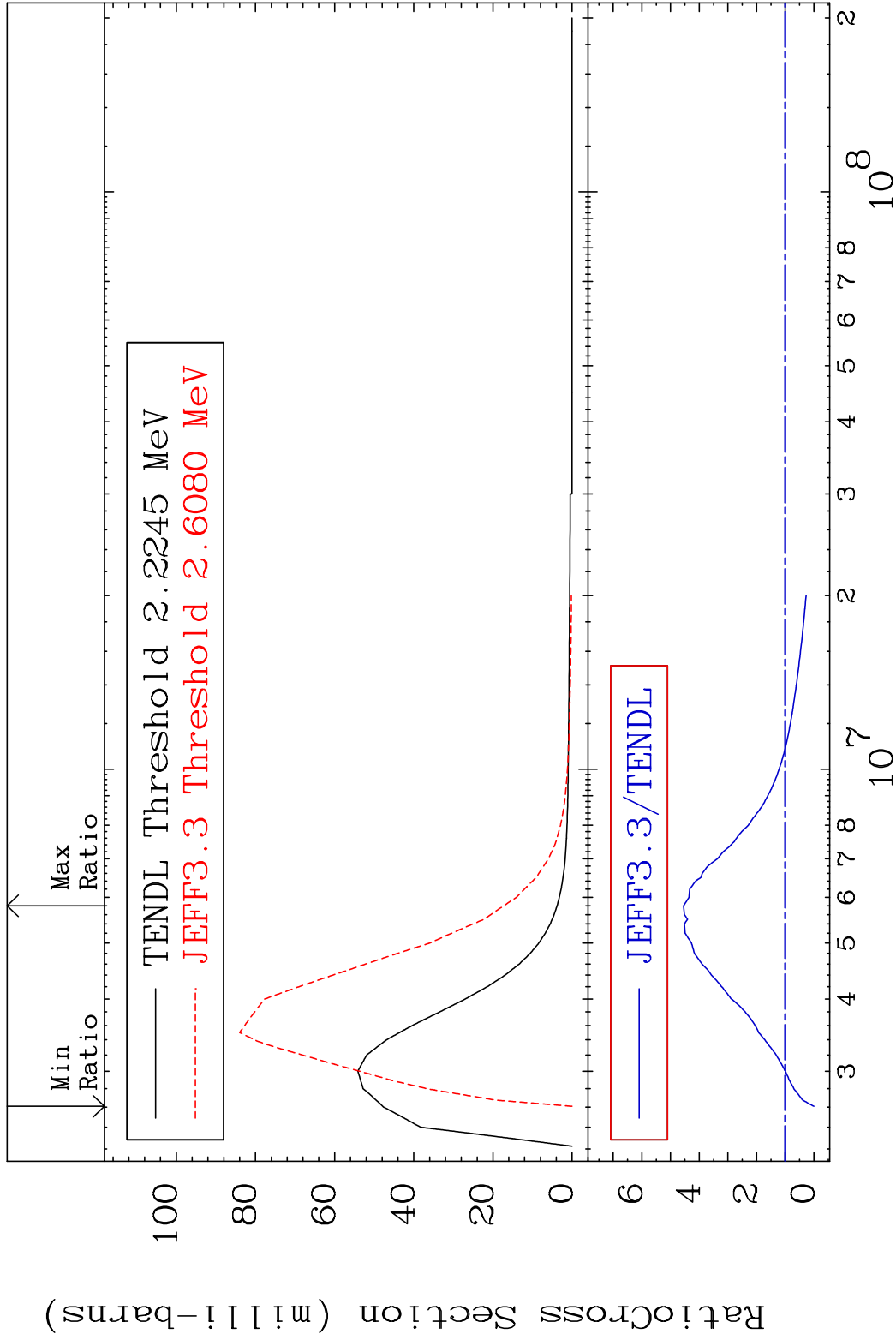
17 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 61 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 860.5 %



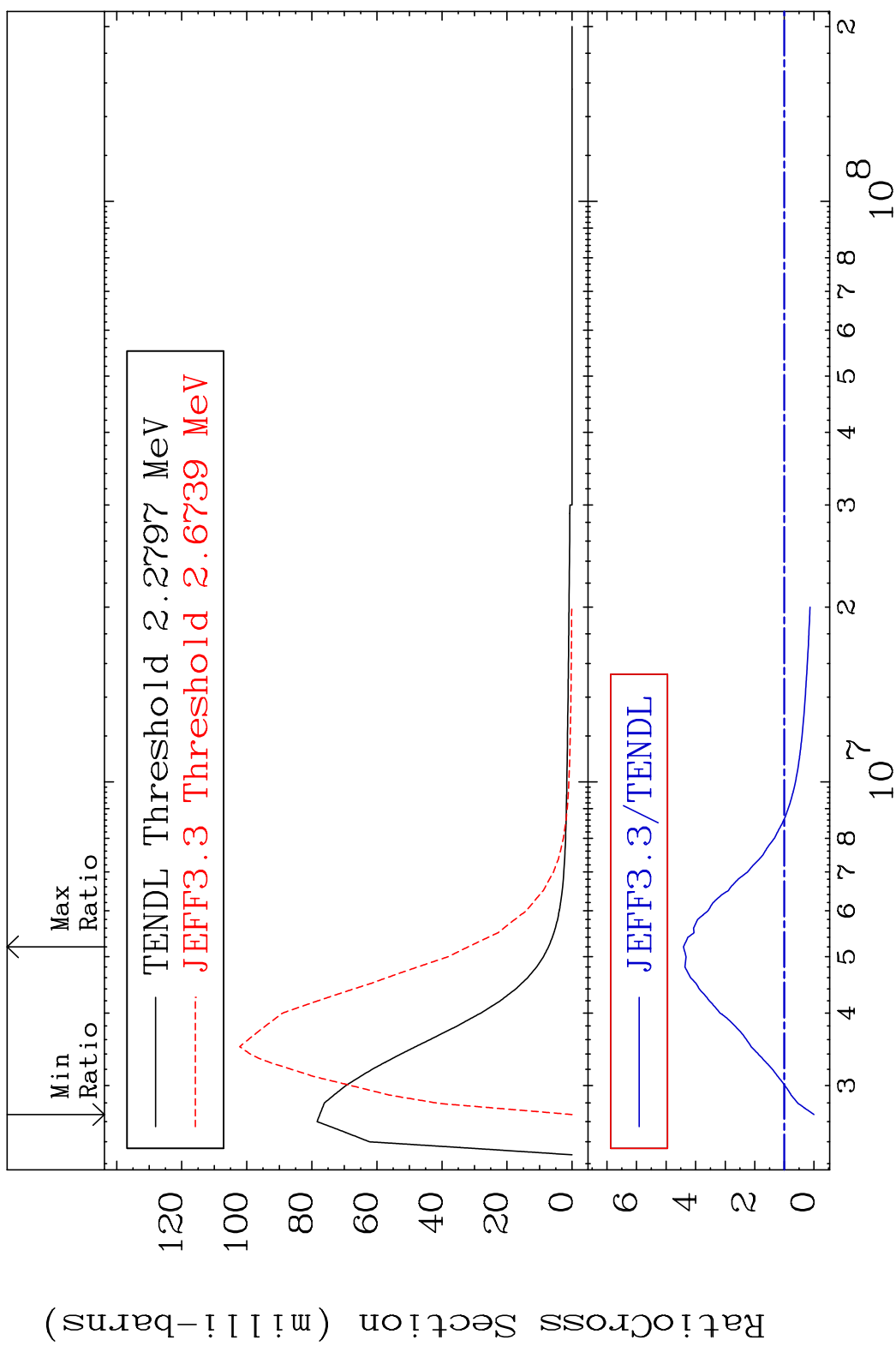
18 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 62 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 355.0 %



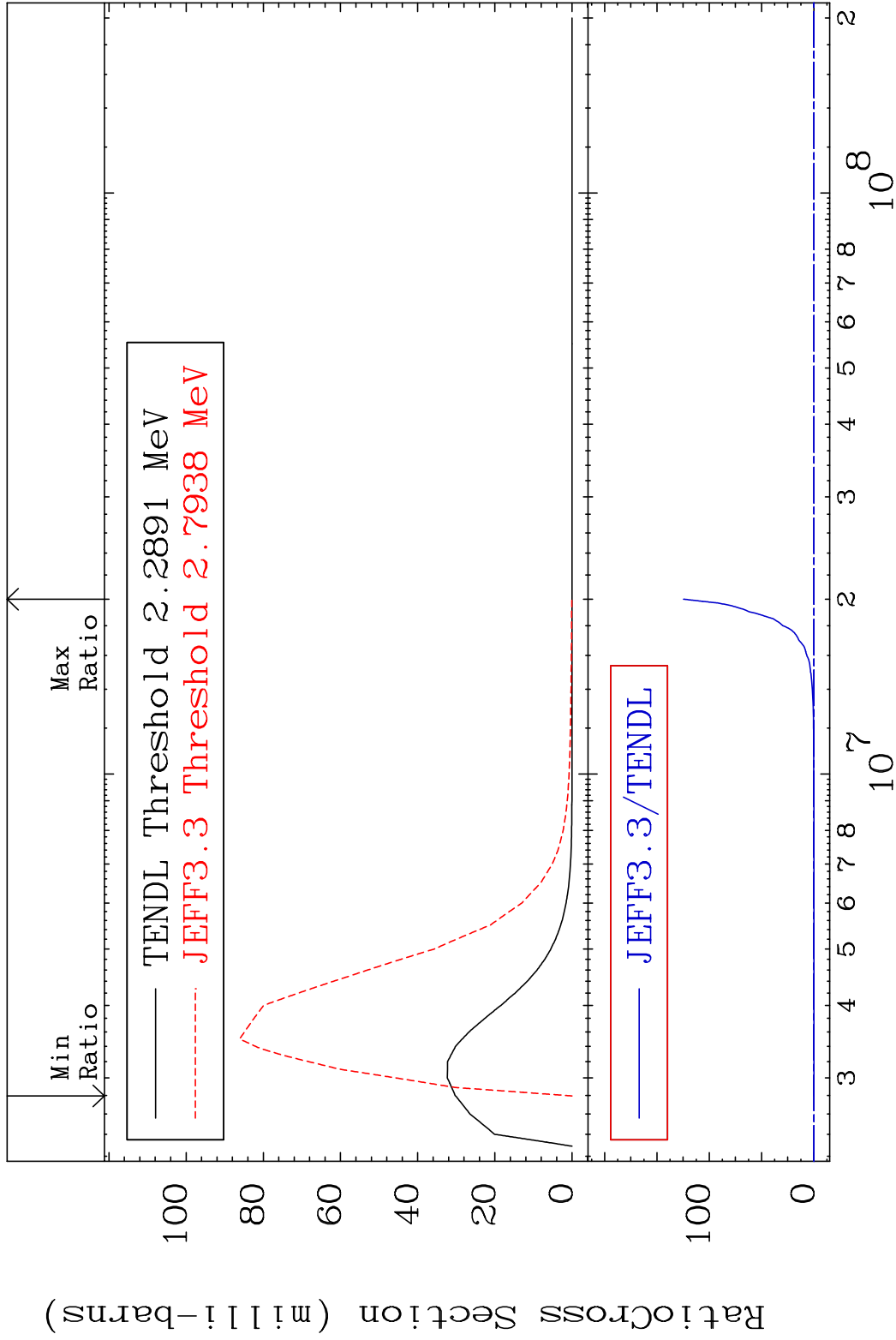
19 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 63 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 341.2 %



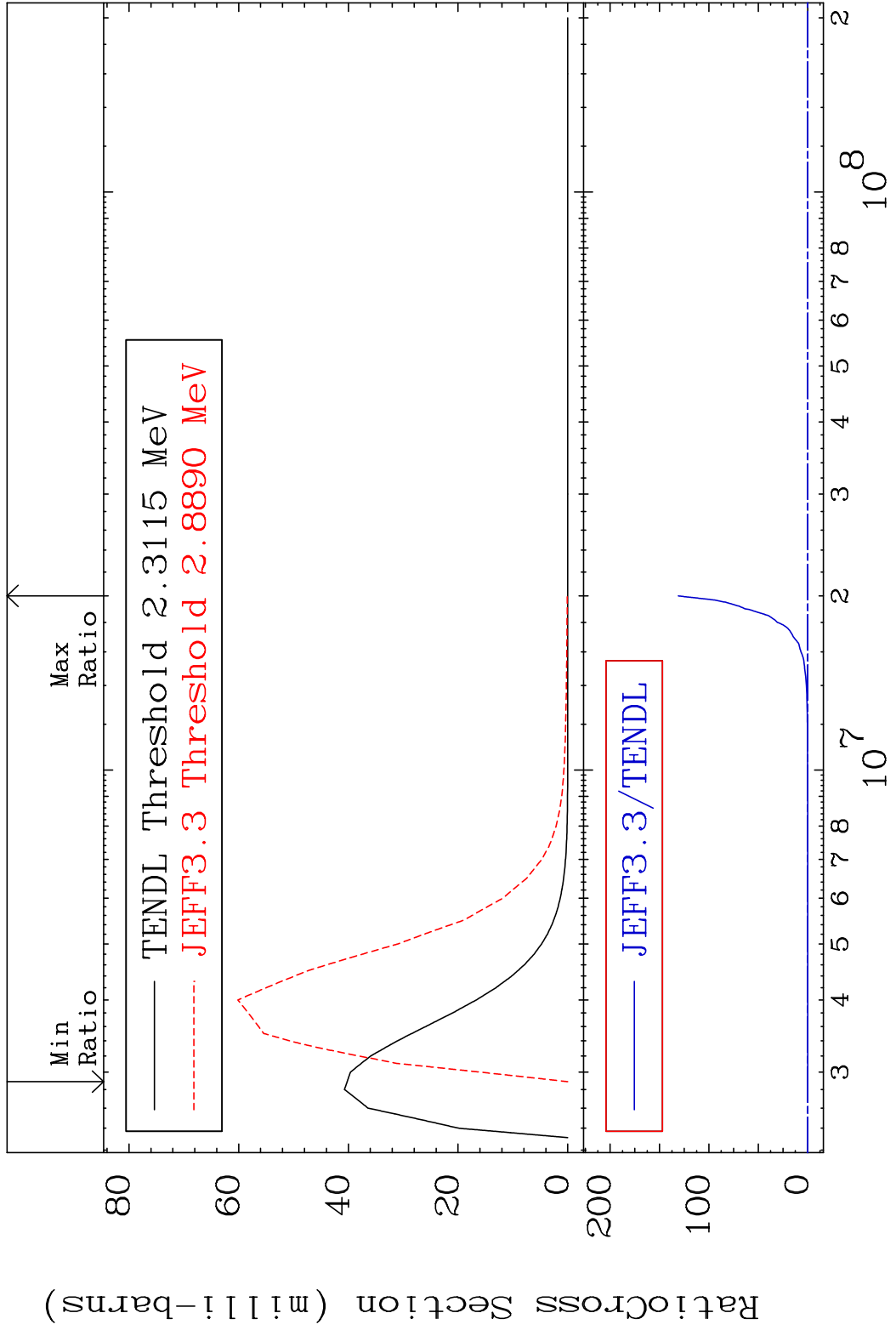
20 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 64 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 9999. %



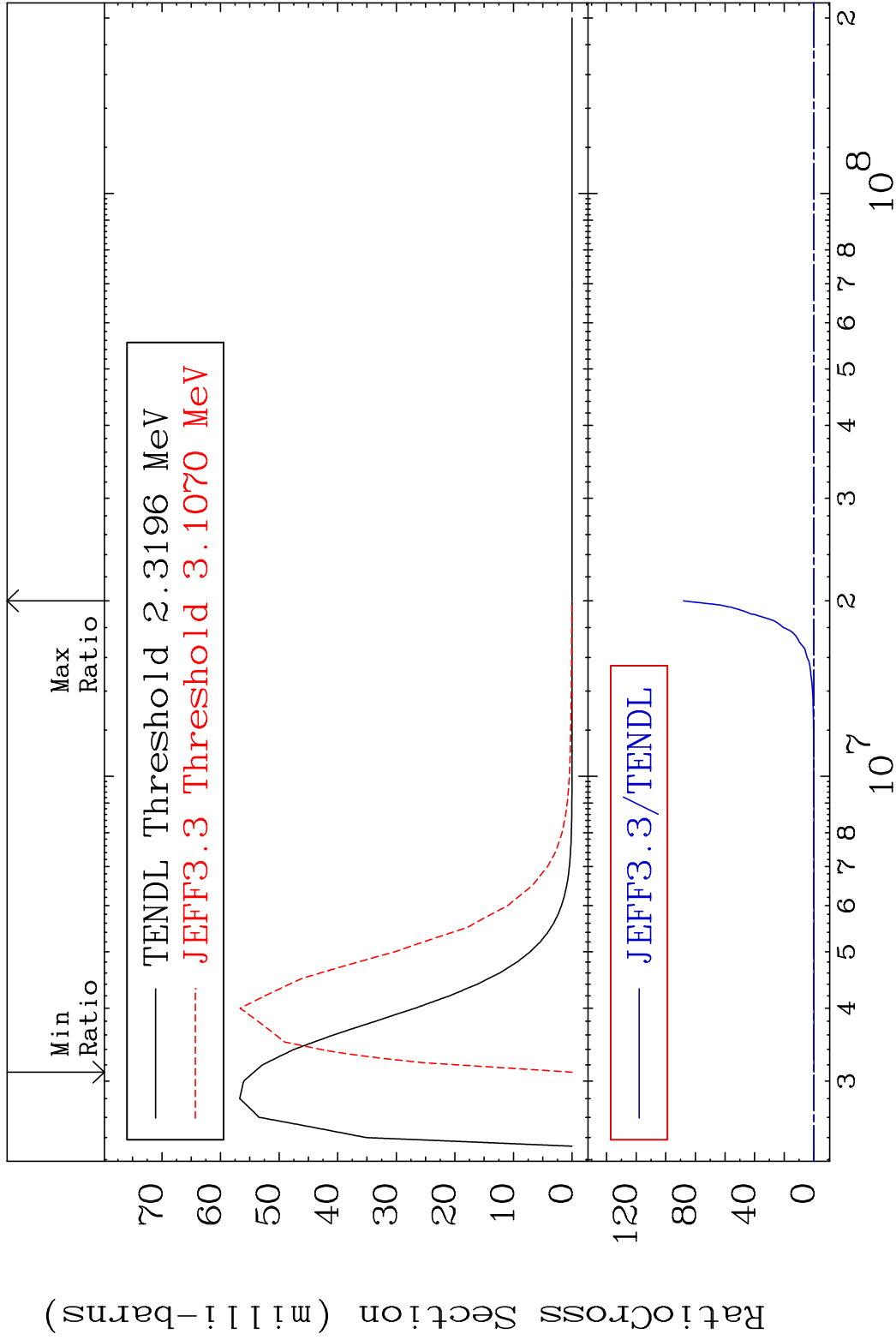
21 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 65 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 9999. %



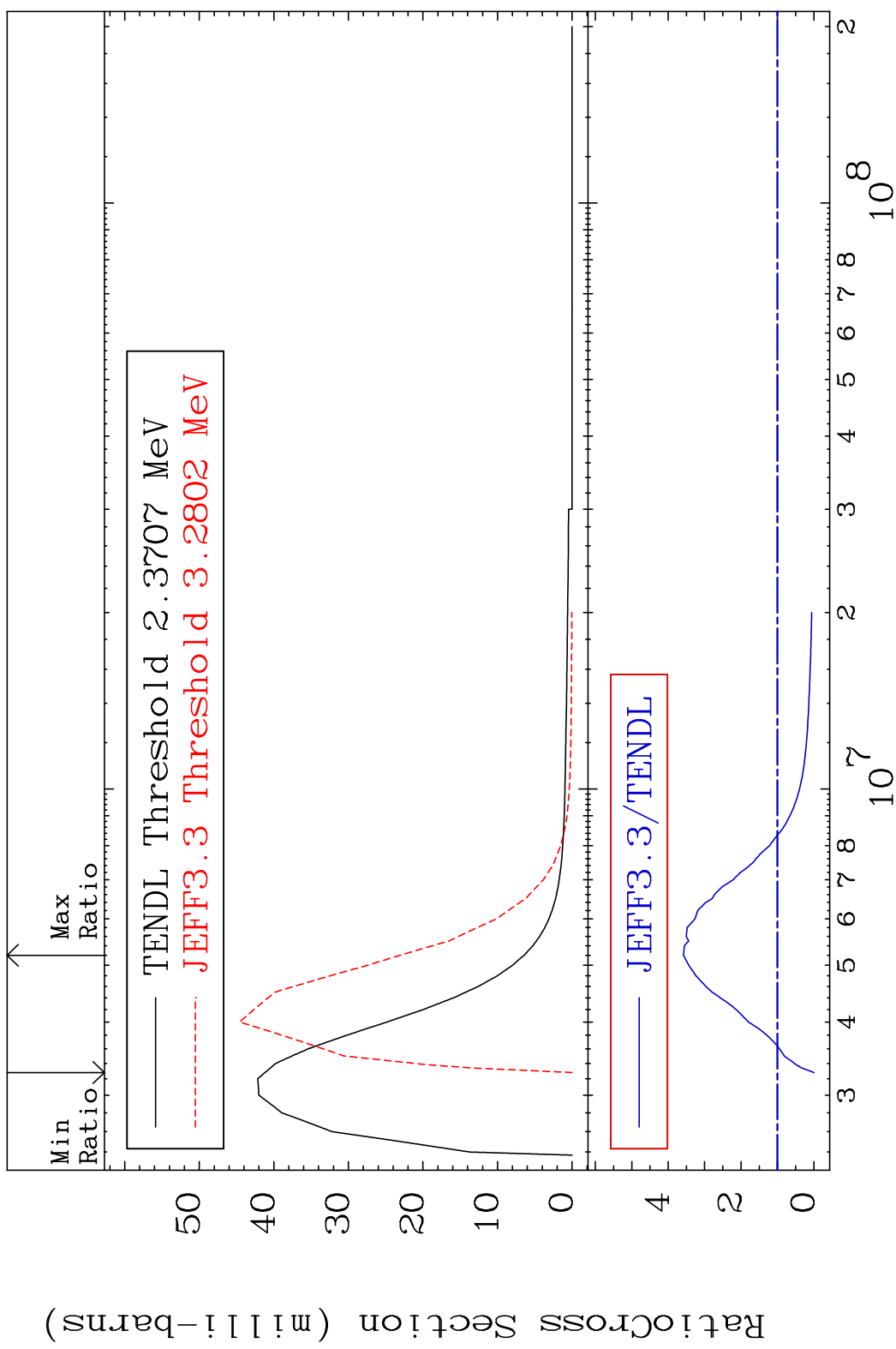
22 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 66 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 9999. %



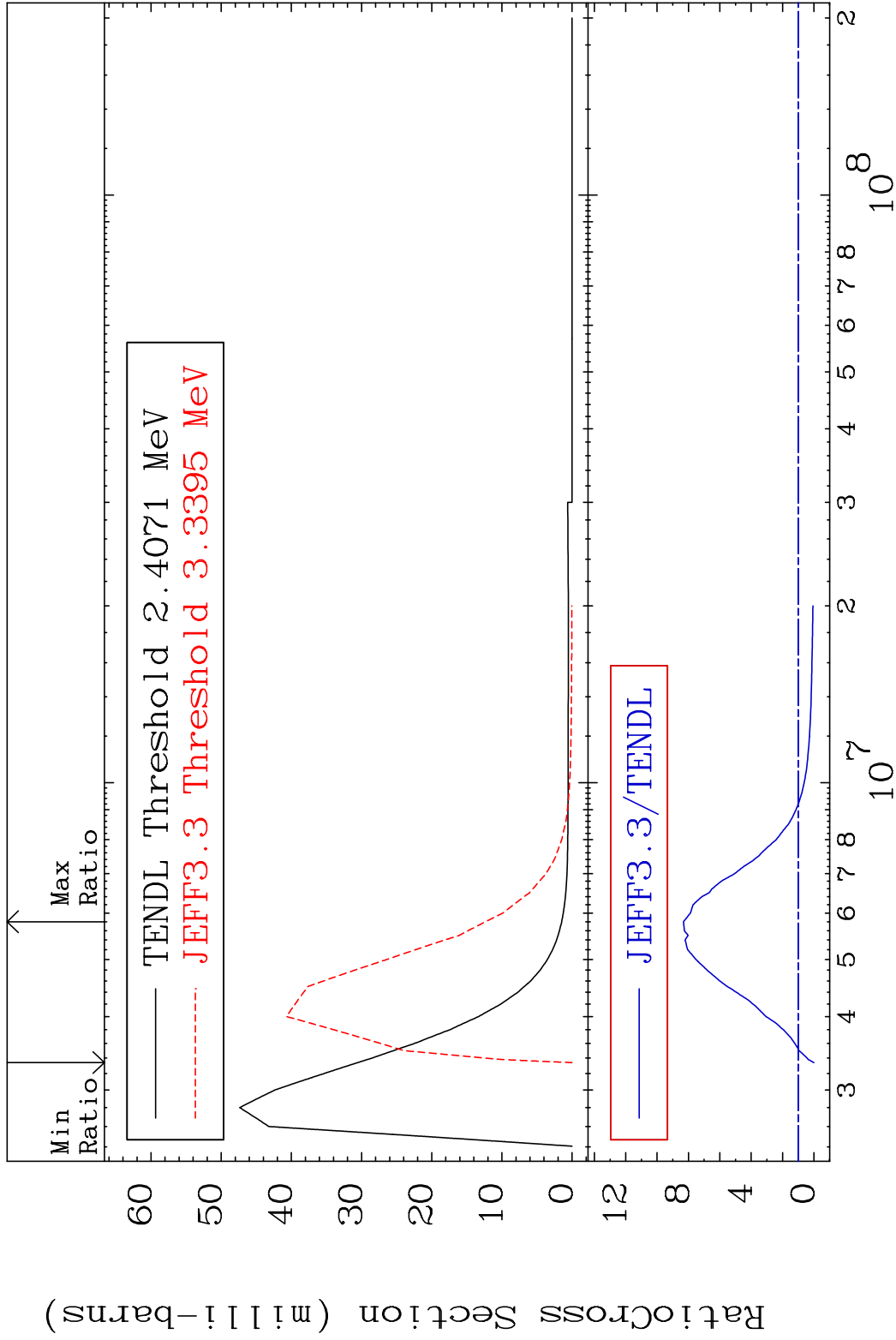
23 54-Xe-134

MAT 5455 MT= 67 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 258.1 %



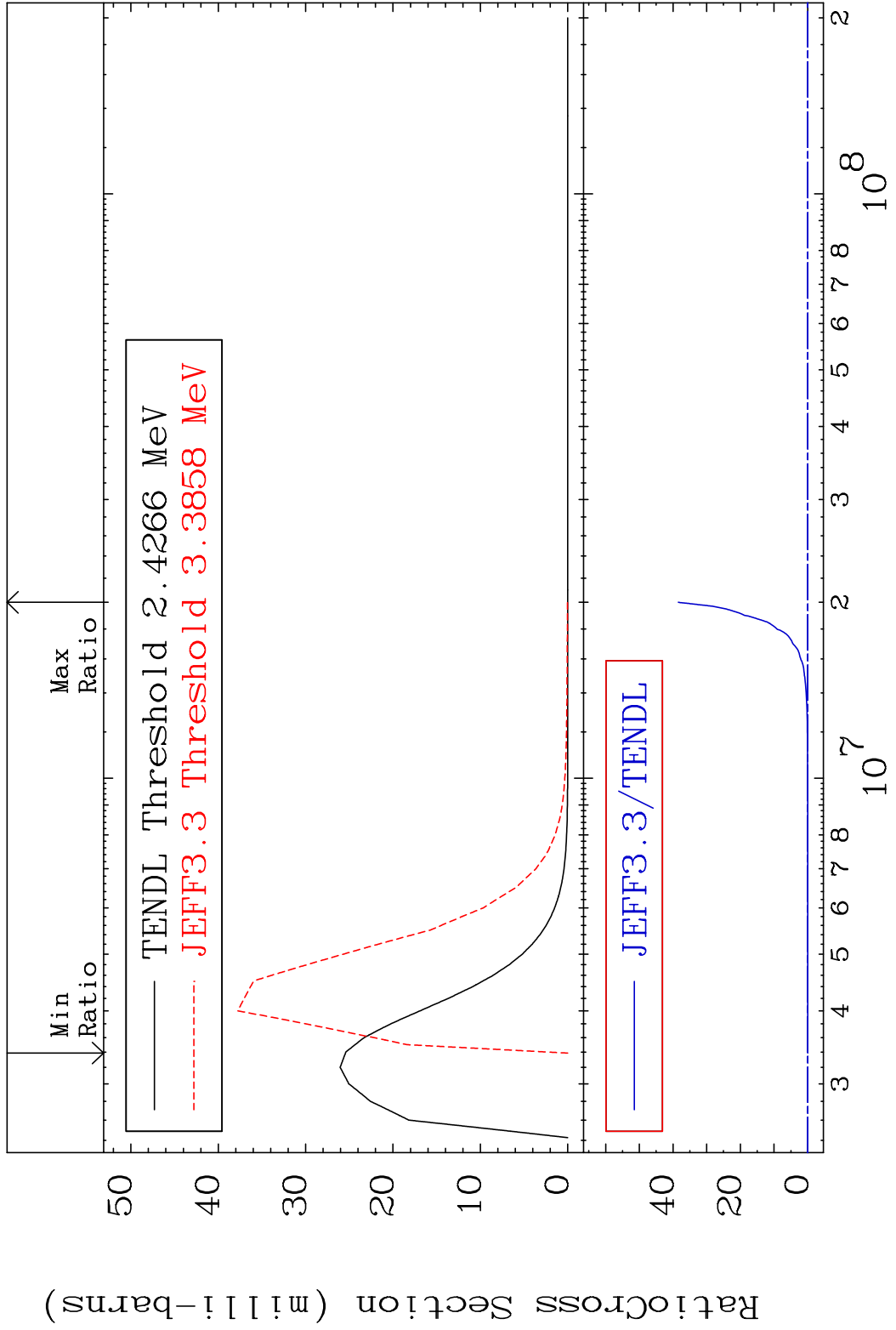
24 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 68 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 731.9 %



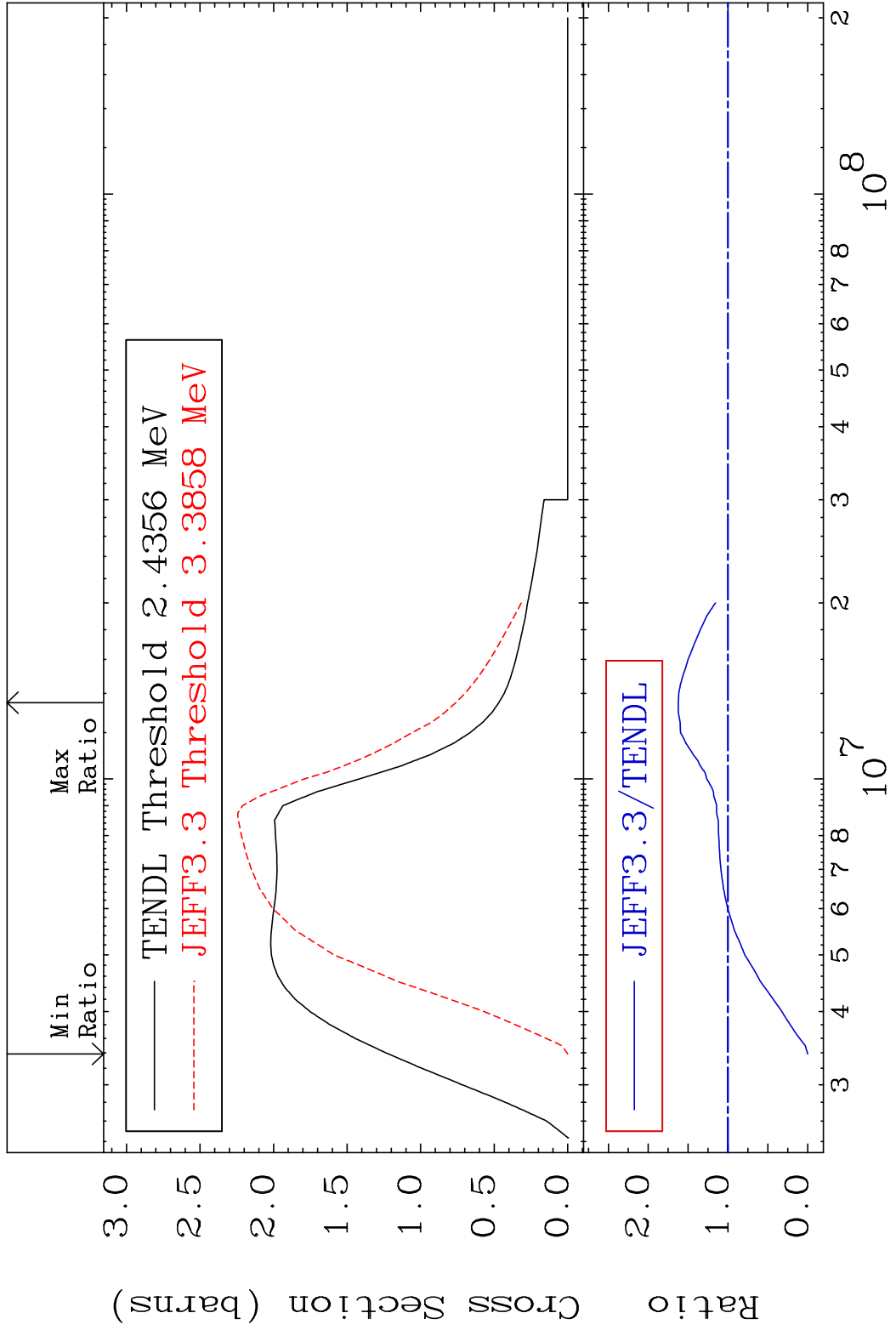
25 54-Xe-134

MAT 5455 MT= 69 (n, n') Level 54-Xe-134  
 Cross Section -100.0 To 9999. %

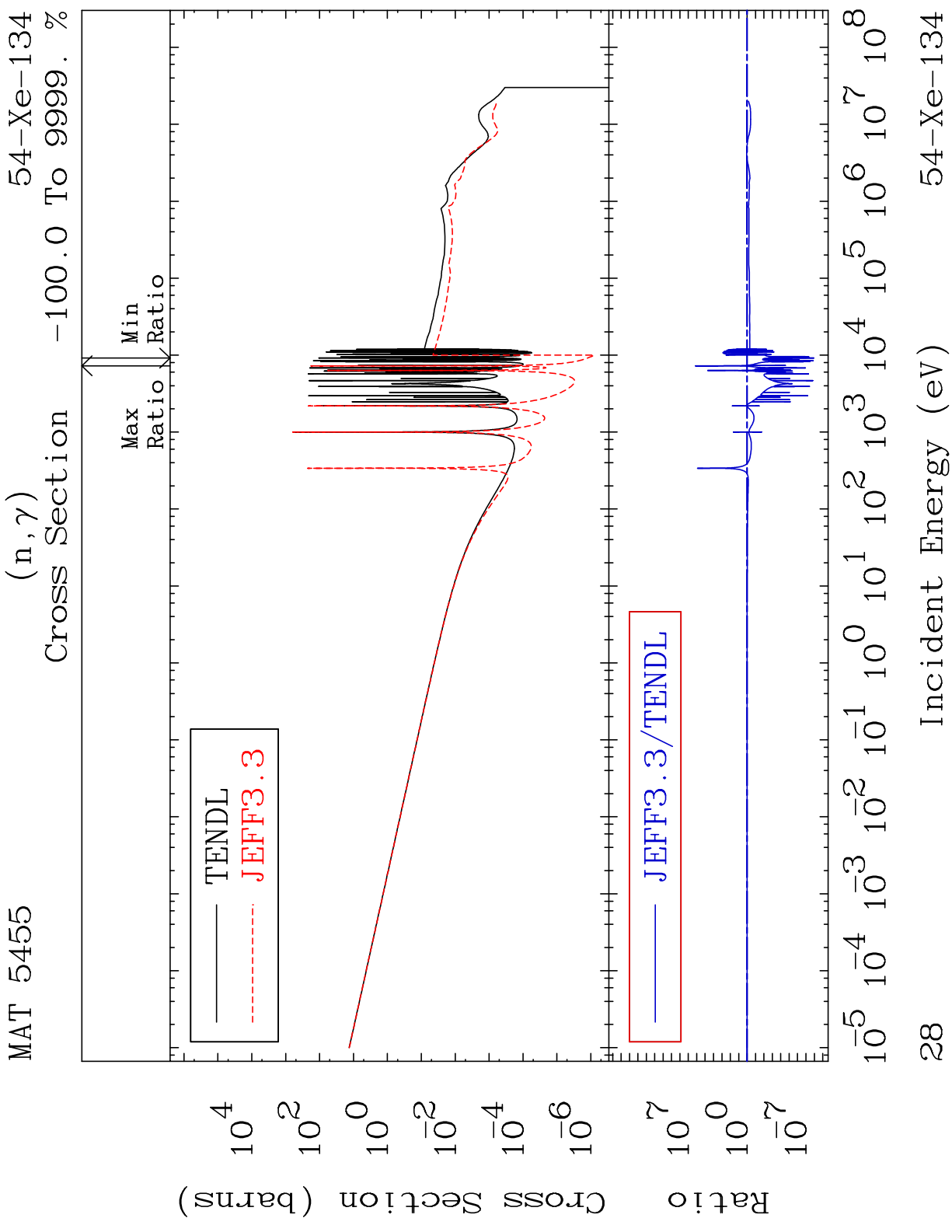


26 Incident Energy (eV) 54-Xe-134

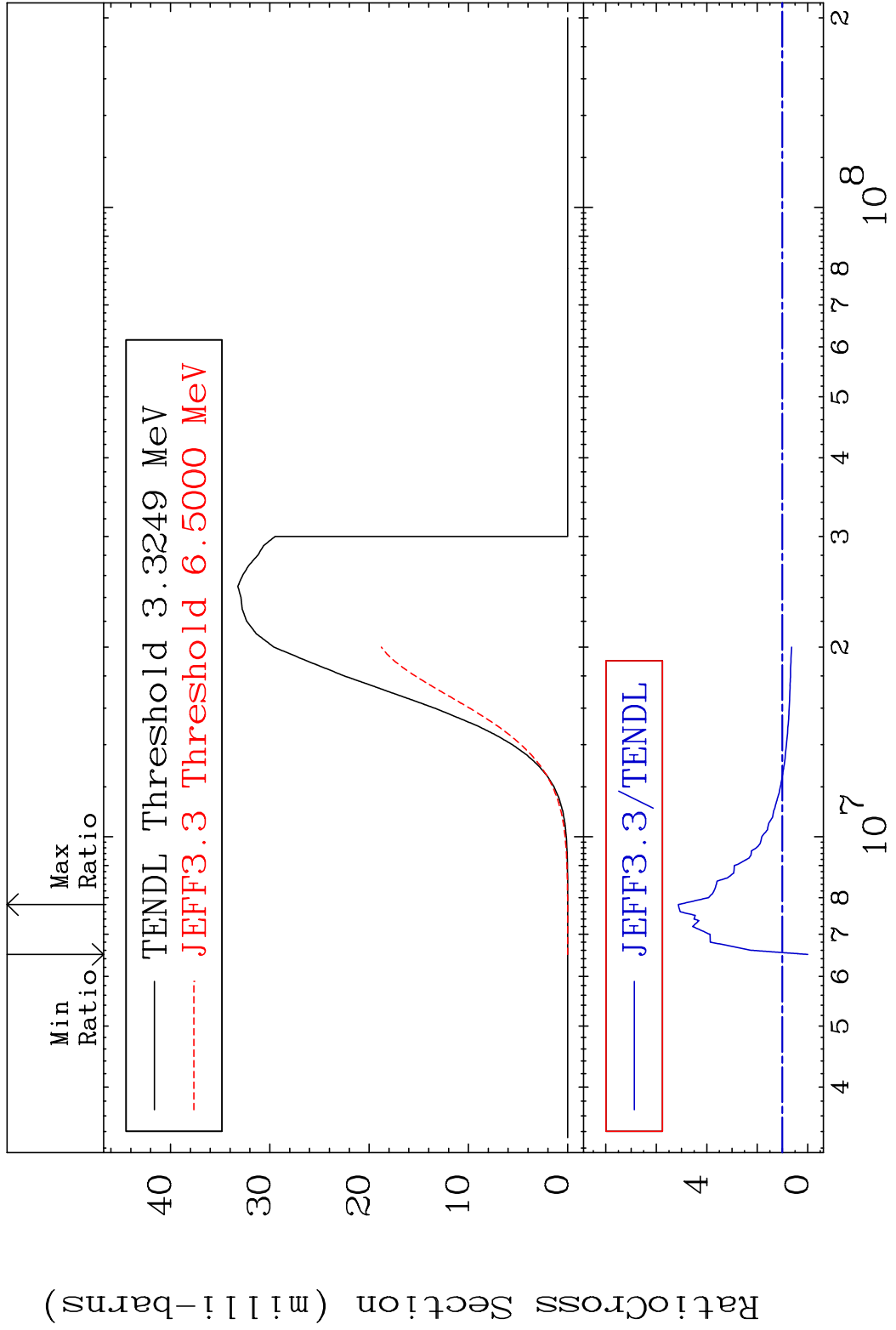
MAT 5455 (n, n') Continuum 54-Xe-134  
 Cross Section -100.0 To 62.33 %



27 Incident Energy (eV) 54-Xe-134

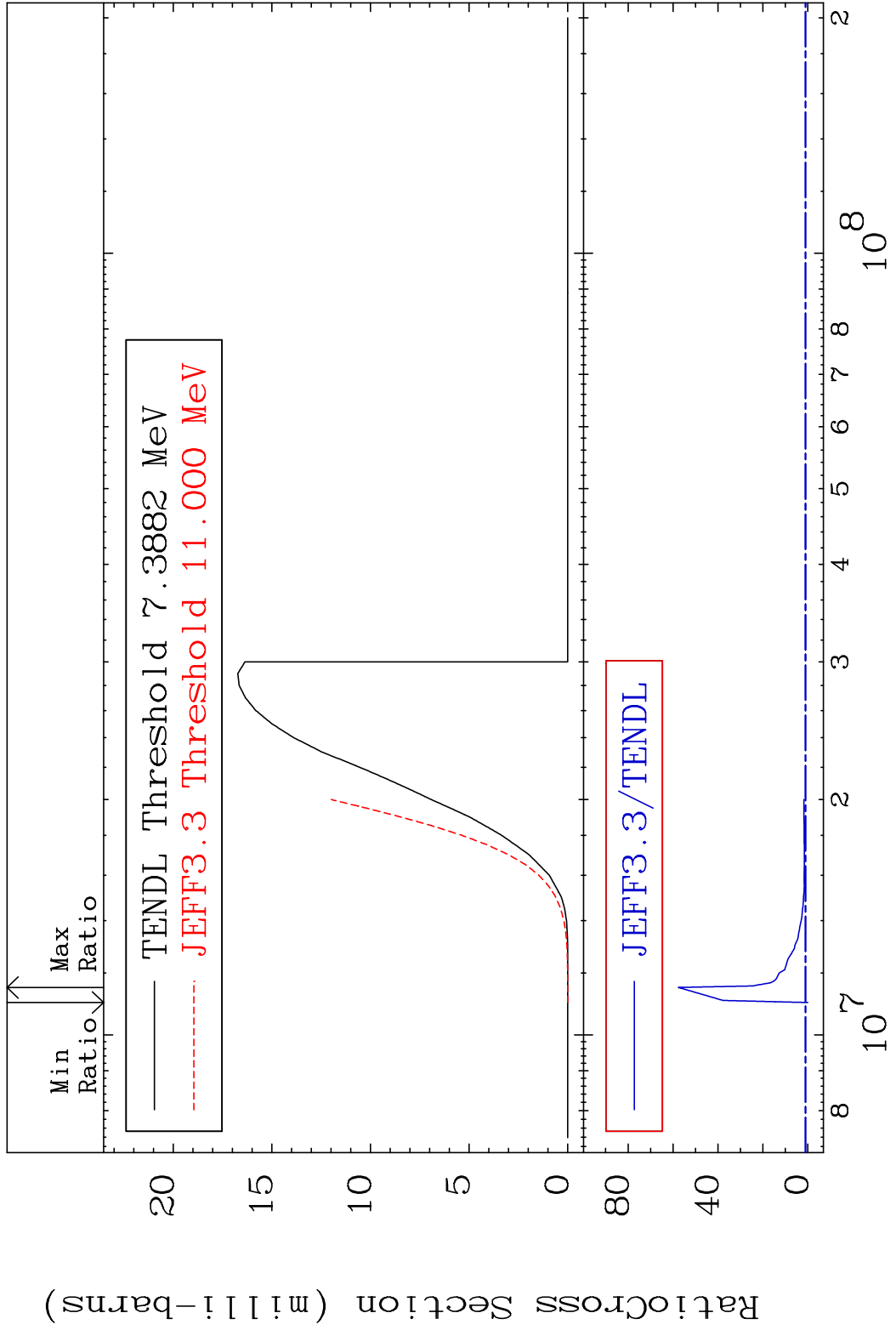


MAT 5455 (n,p) 54-Xe-134  
 Cross Section -100.0 To 412.9 %



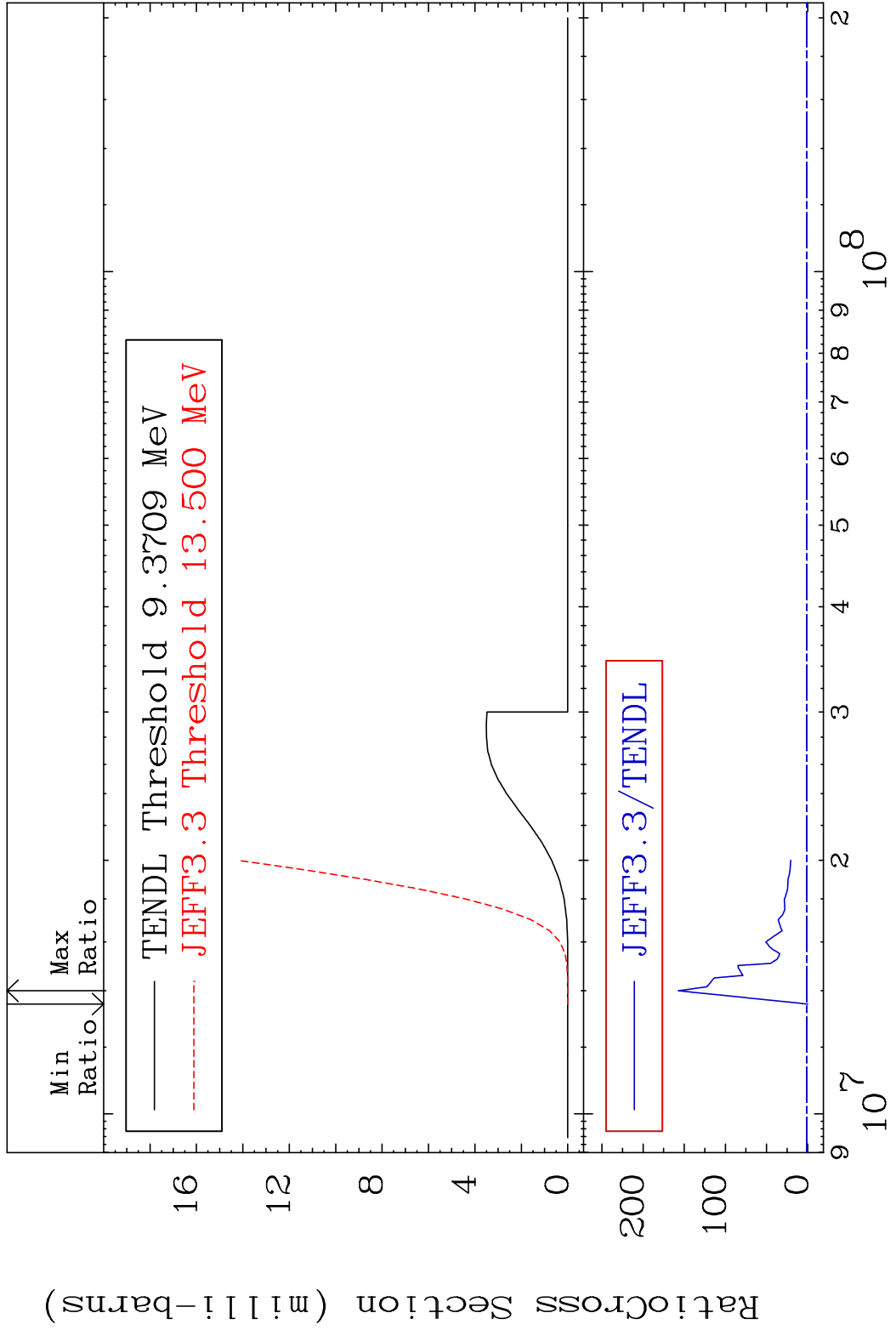
29 Incident Energy (eV) 54-Xe-134

MAT 5455 (n, d) 54-Xe-134  
 Cross Section -100.0 To 5665. %



30 Incident Energy (eV) 54-Xe-134

MAT 5455 (n, t) 54-Xe-134  
Cross Section -100.0 To 9999. %



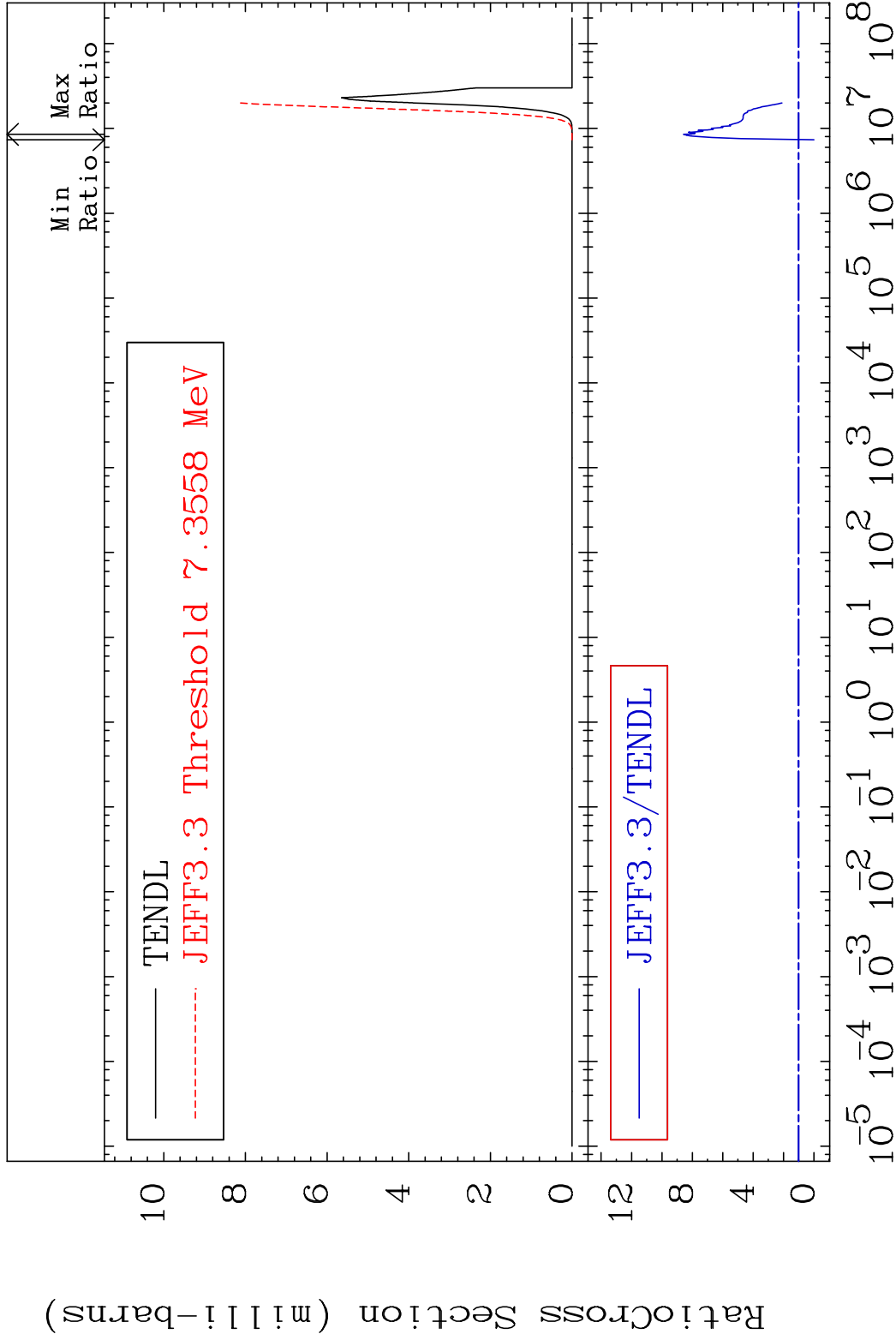
31 54-Xe-134

MAT 5455

(n,  $\alpha$ )

54-Xe-134

Cross Section -100.0 To 758.3 %

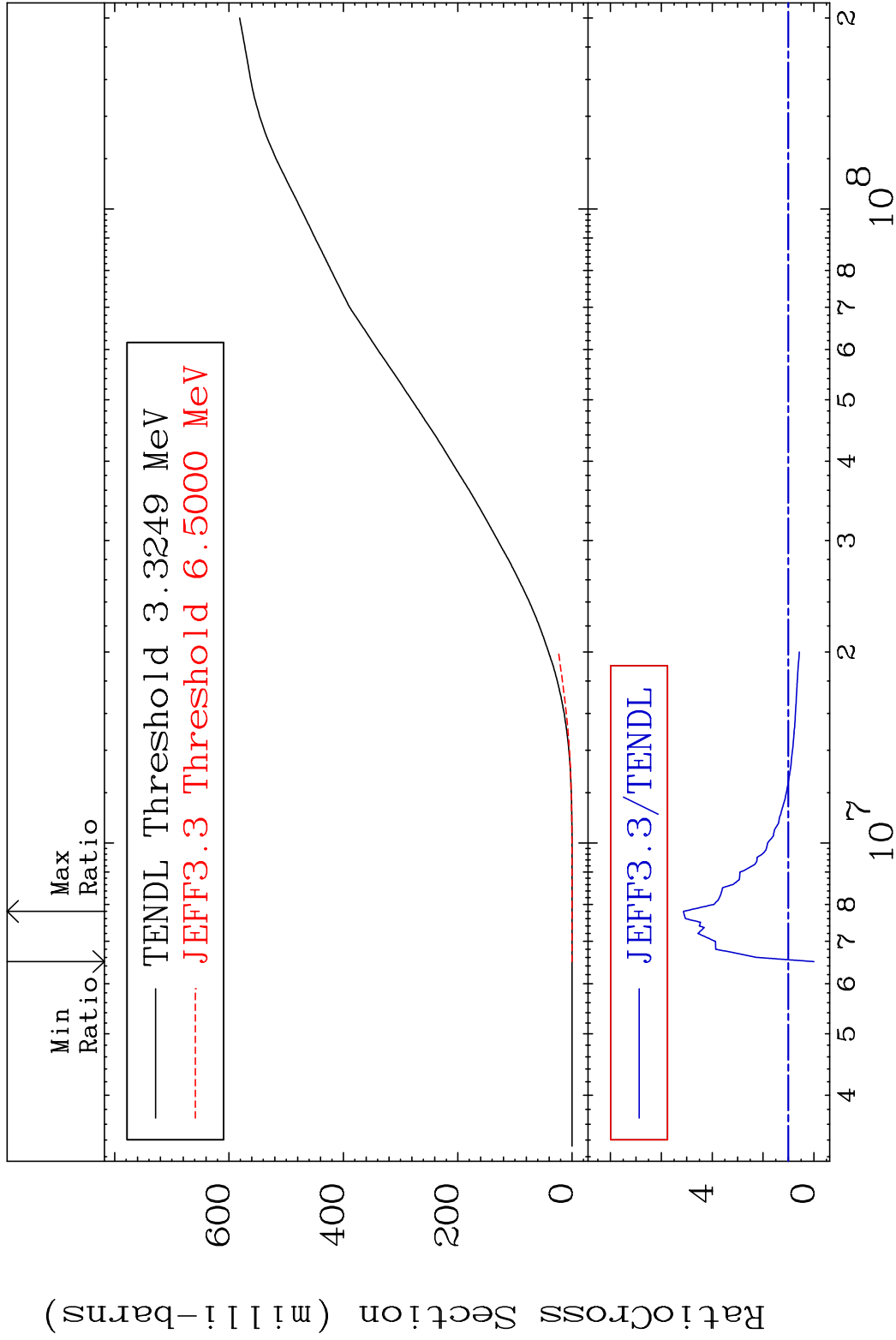


32

Incident Energy (eV)

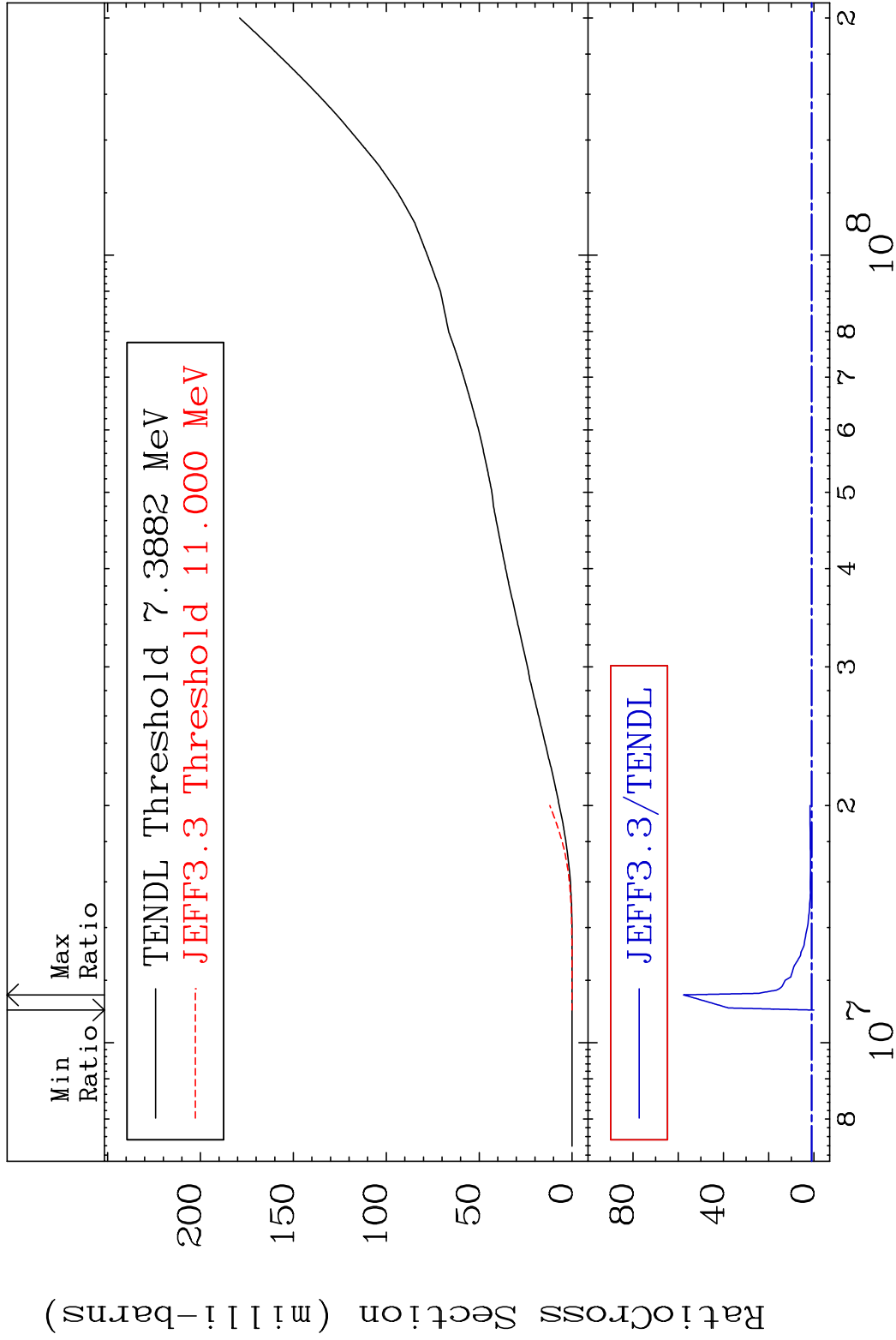
54-Xe-134

MAT 5455 Hydrogen Production 54-Xe-134  
 Cross Section -100.0 To 412.9 %



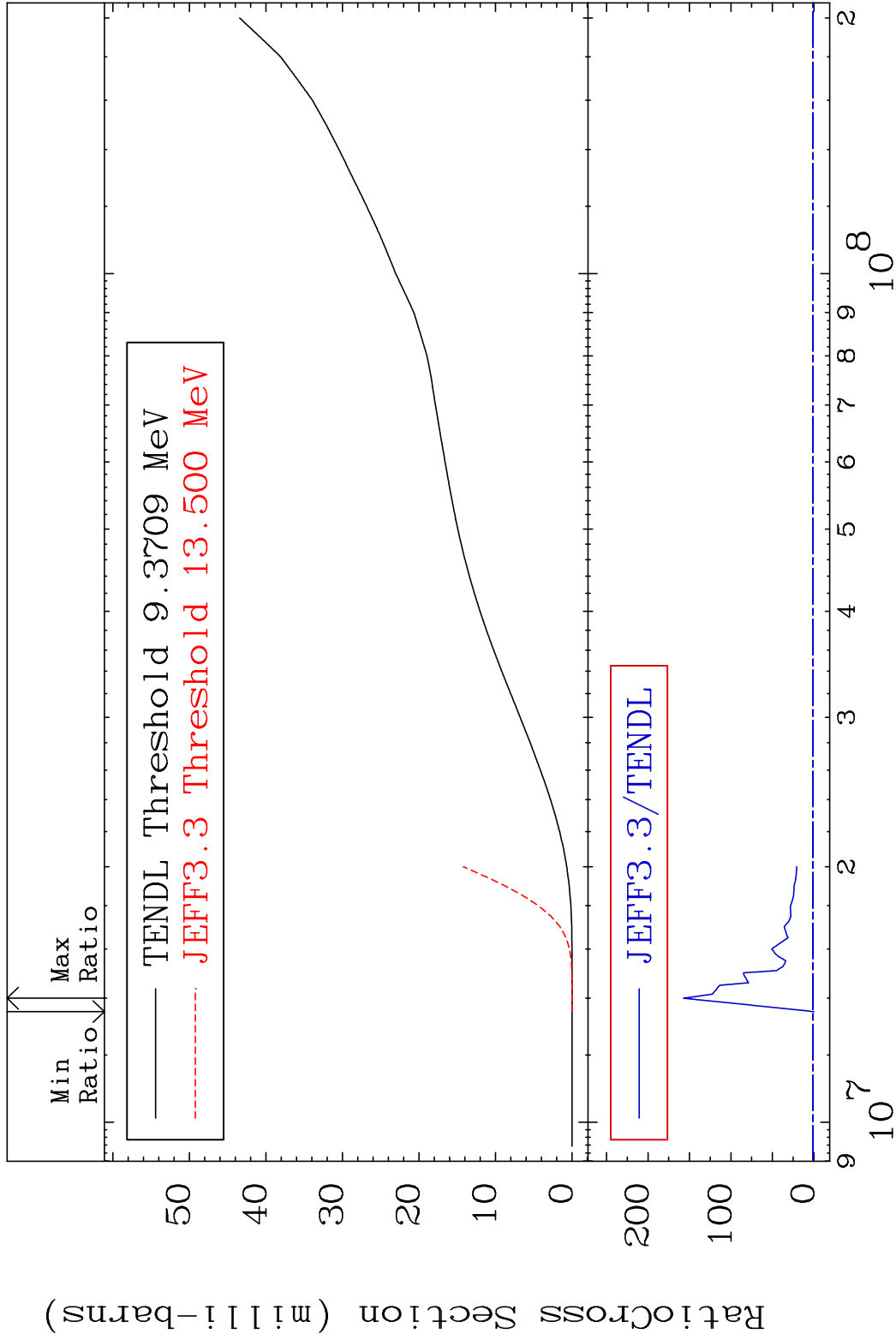
33 54-Xe-134

MAT 5455 Deuterium Production 54-Xe-134  
Cross Section -100.0 To 5665. %



34 54-Xe-134

MAT 5455 Tritium Production 54-Xe-134  
 Cross Section -100.0 To 9999. %



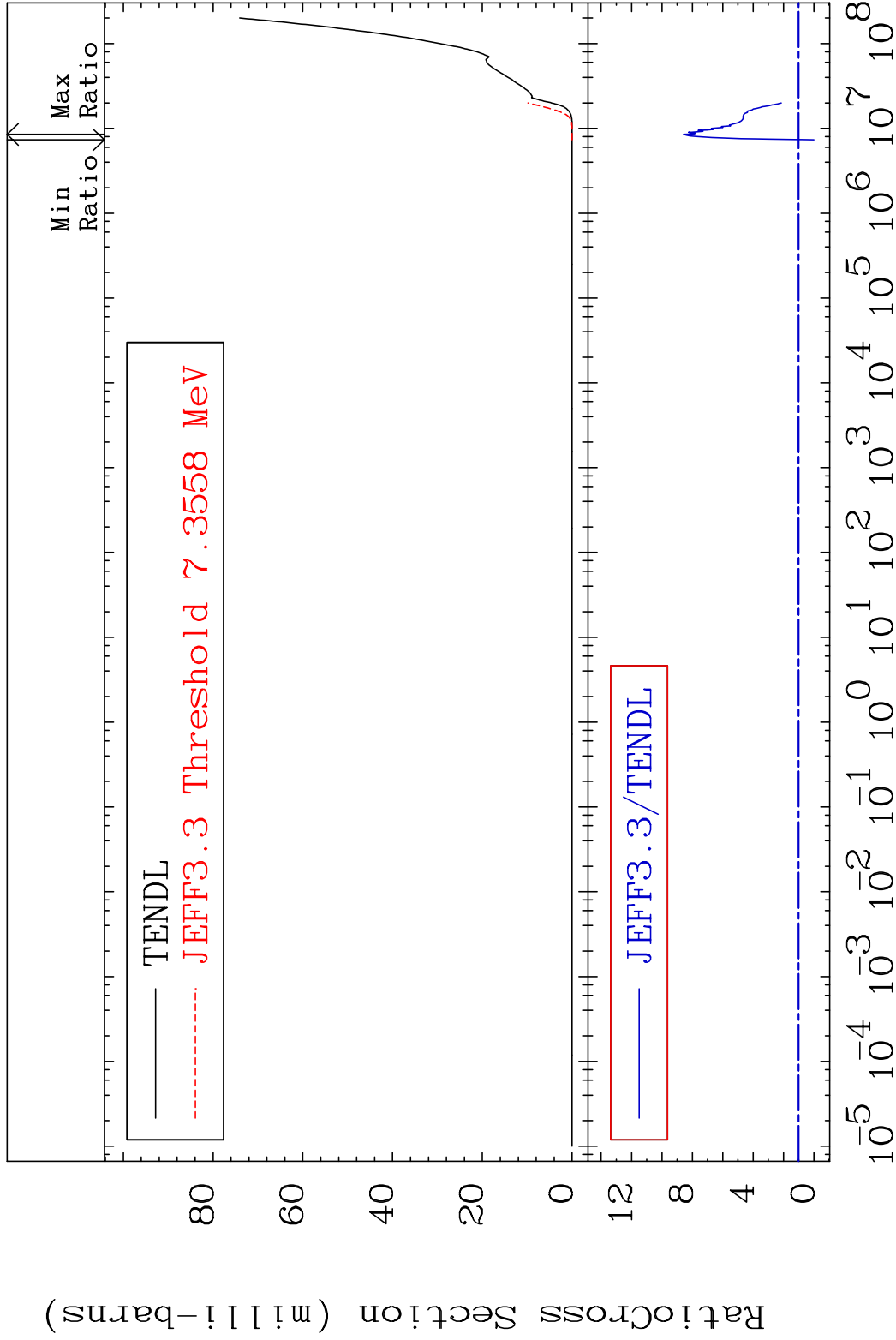
35 Incident Energy (eV) 54-Xe-134

MAT 5455

He-4 Production

54-Xe-134

Cross Section -100.0 To 758.3 %

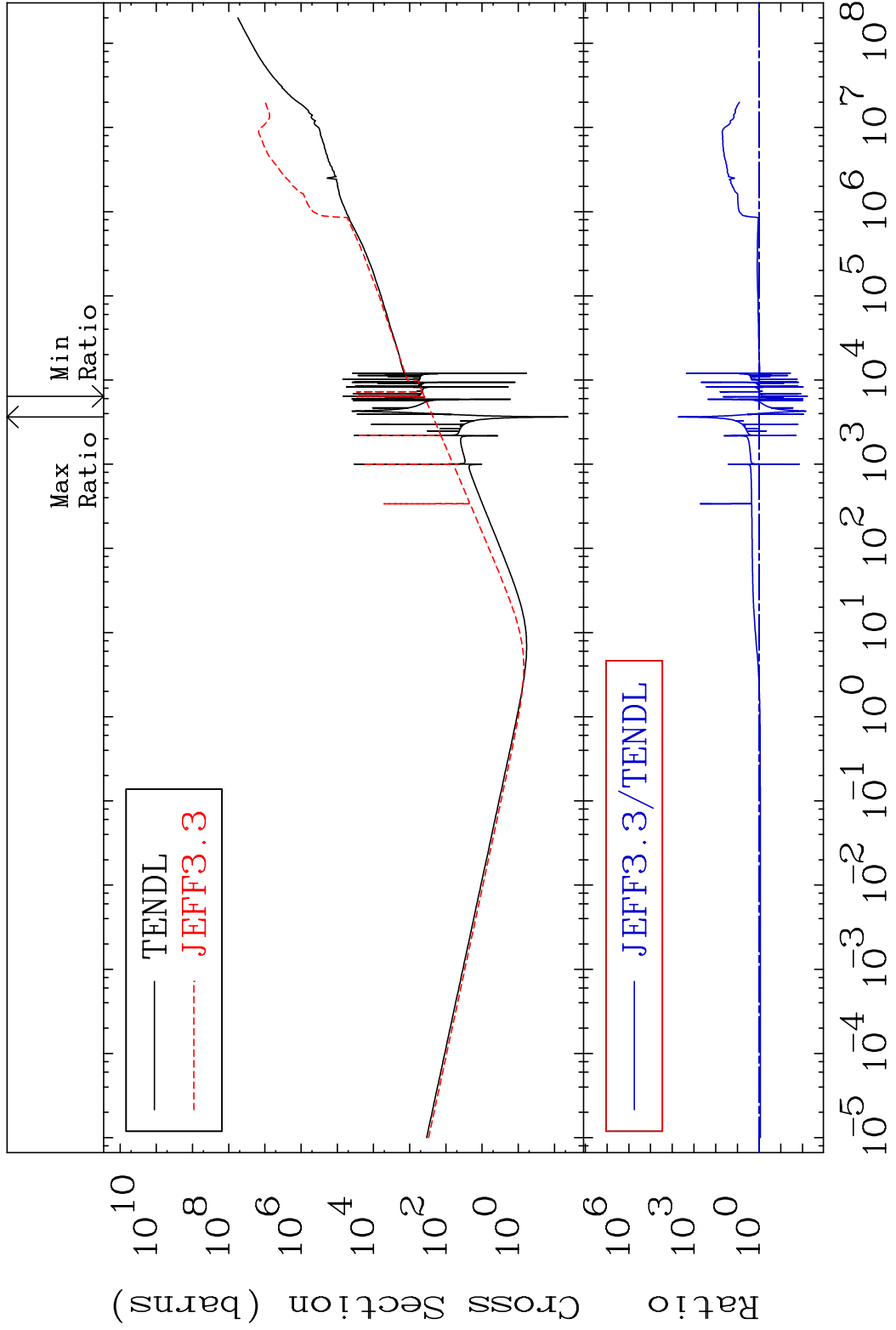


36

Incident Energy (eV)

54-Xe-134

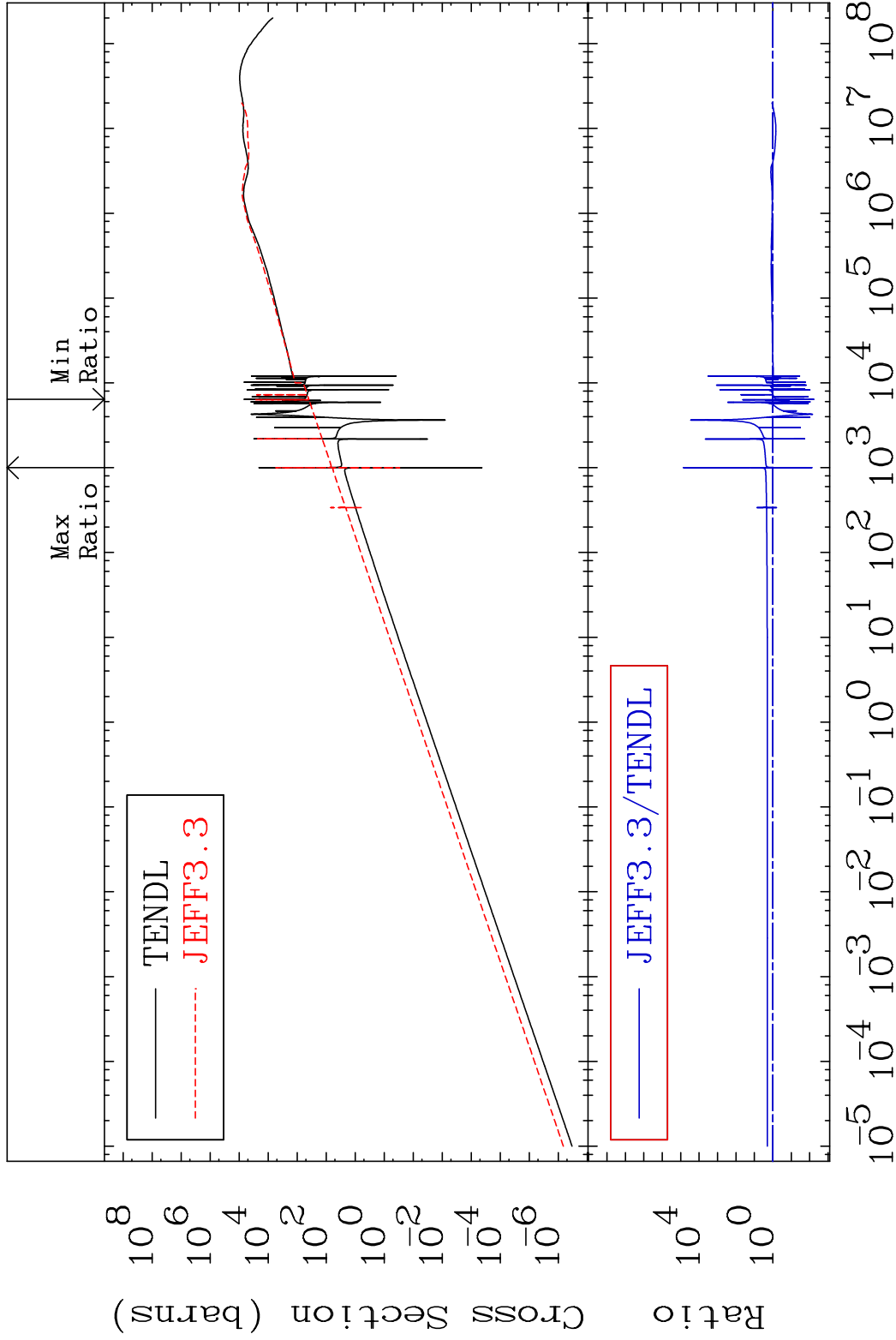
MAT 5455 Kerma total (eV-barns) 54-Xe-134  
 Cross Section -99.42 To 9999. %



MAT 5455

Kerma elastic  
Cross Section

54-Xe-134  
-99.41 To 9999. %

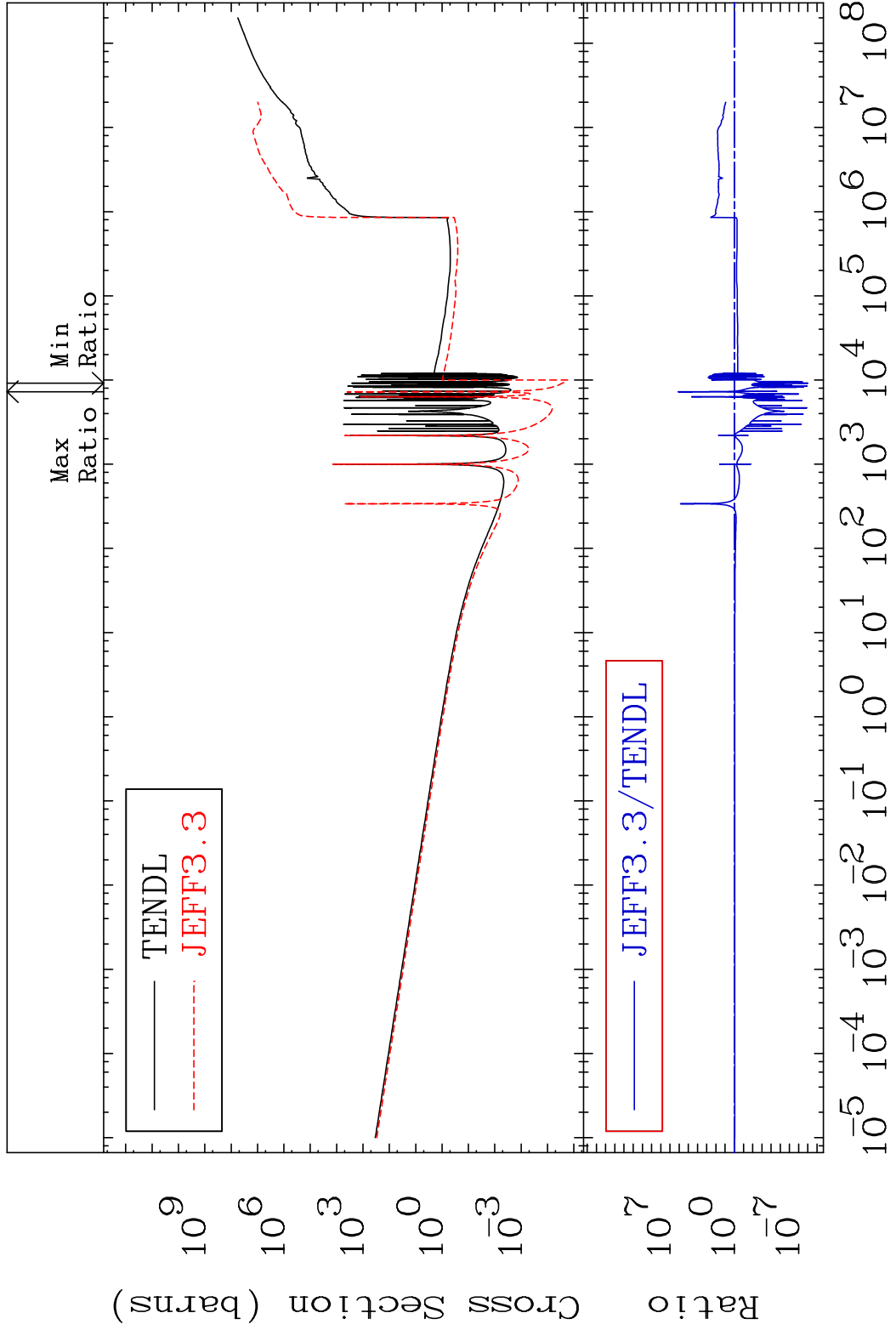


38

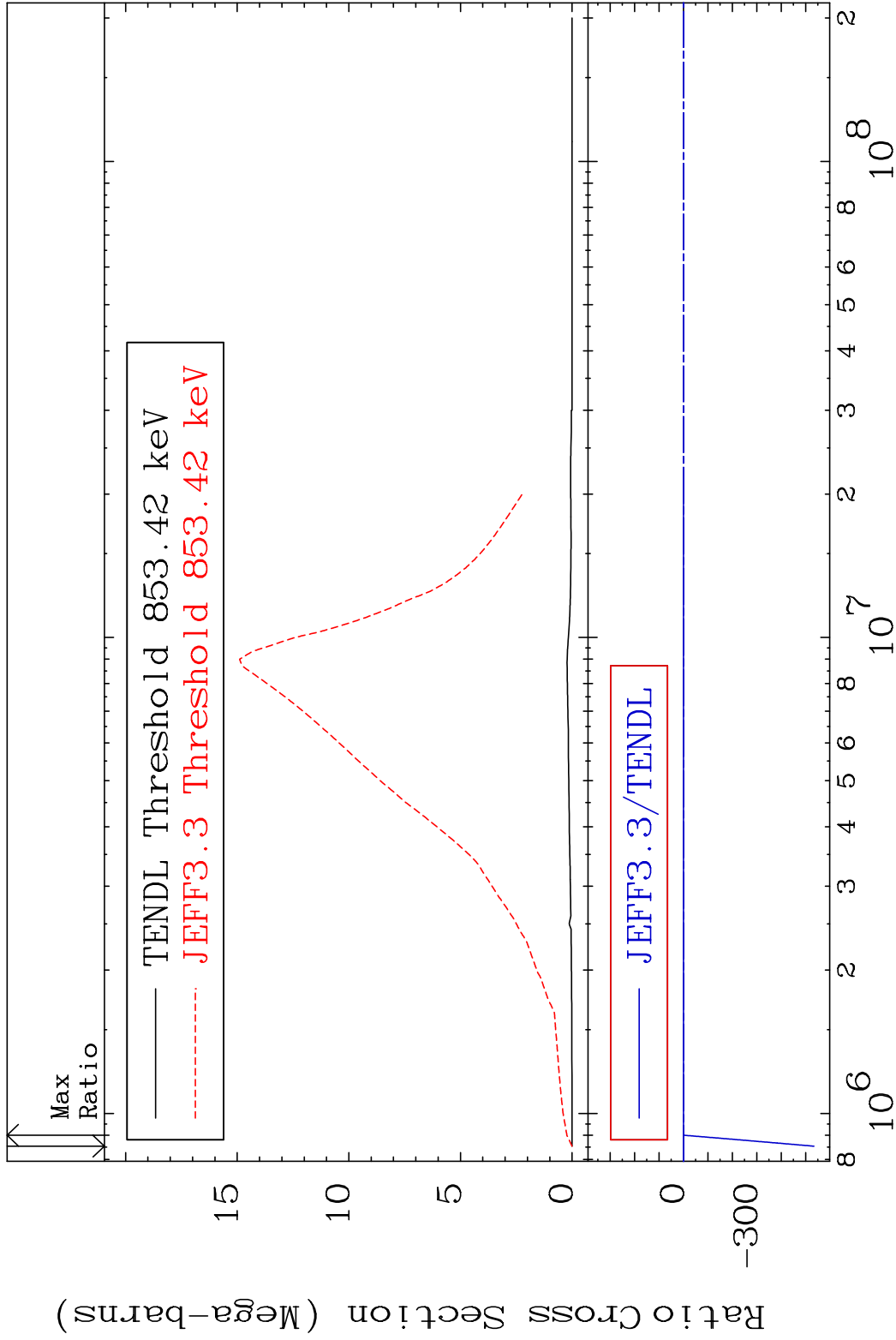
Incident Energy (eV)

54-Xe-134

MAT 5455 Kerma non-elastic (all but mt2) 54-Xe-134  
 Cross Section -100.0 To 9999. %

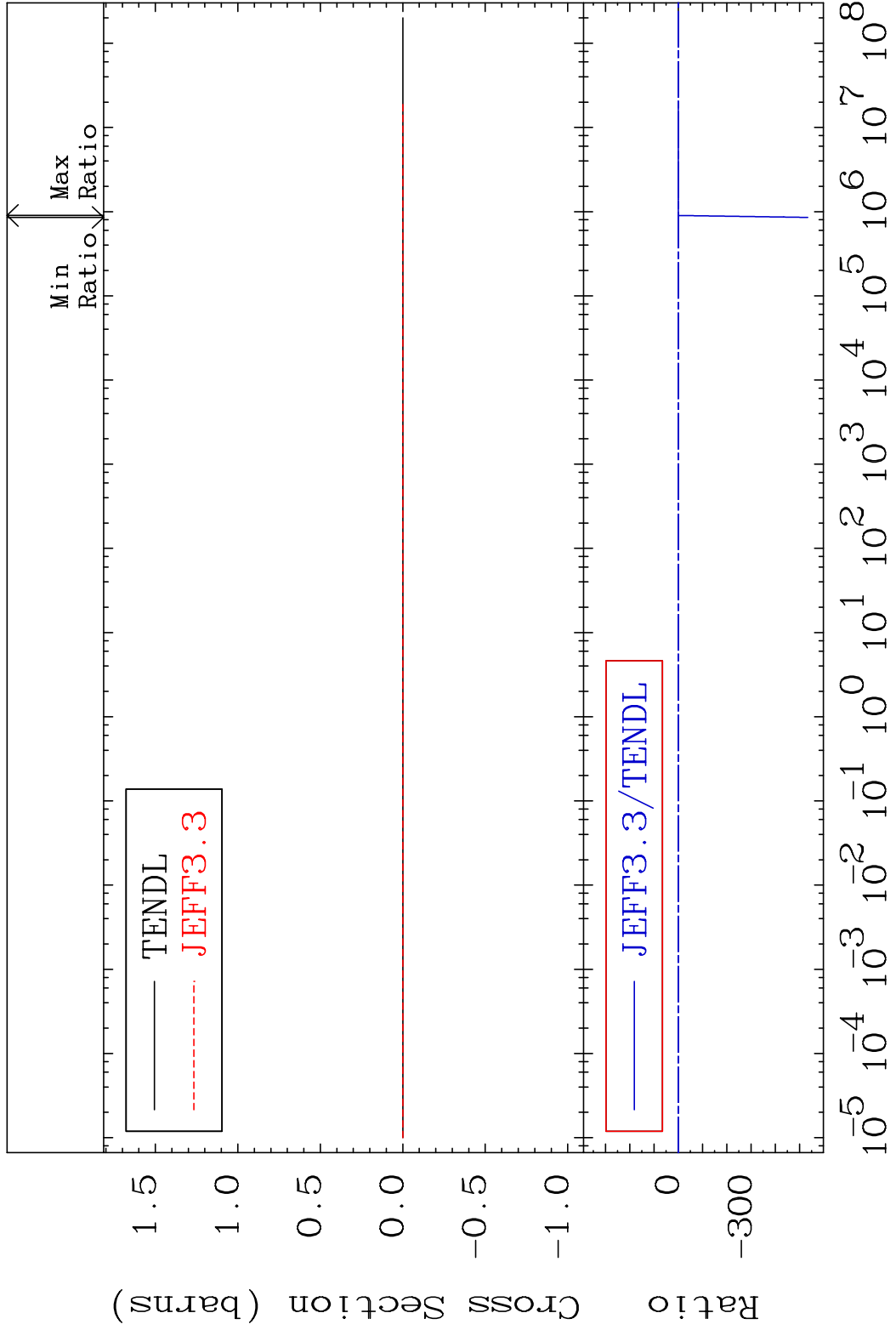


MAT 5455 Kerma inelastic (mt51-91) 54-Xe-134  
 Cross Section -9999. To 9999. %

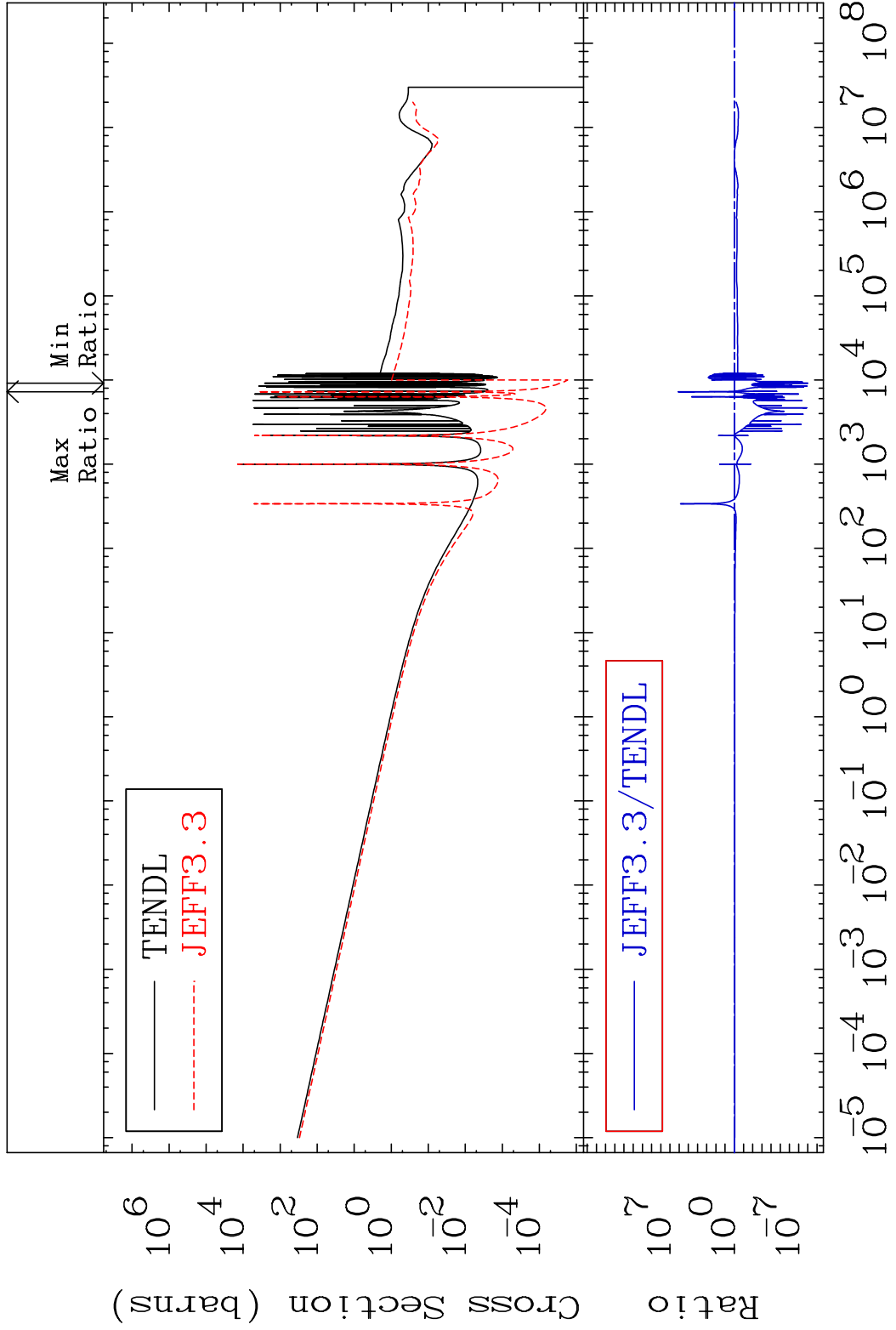


40 Incident Energy (eV) 54-Xe-134

MAT 5455 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-134  
 Cross Section -9999. To 9999. %

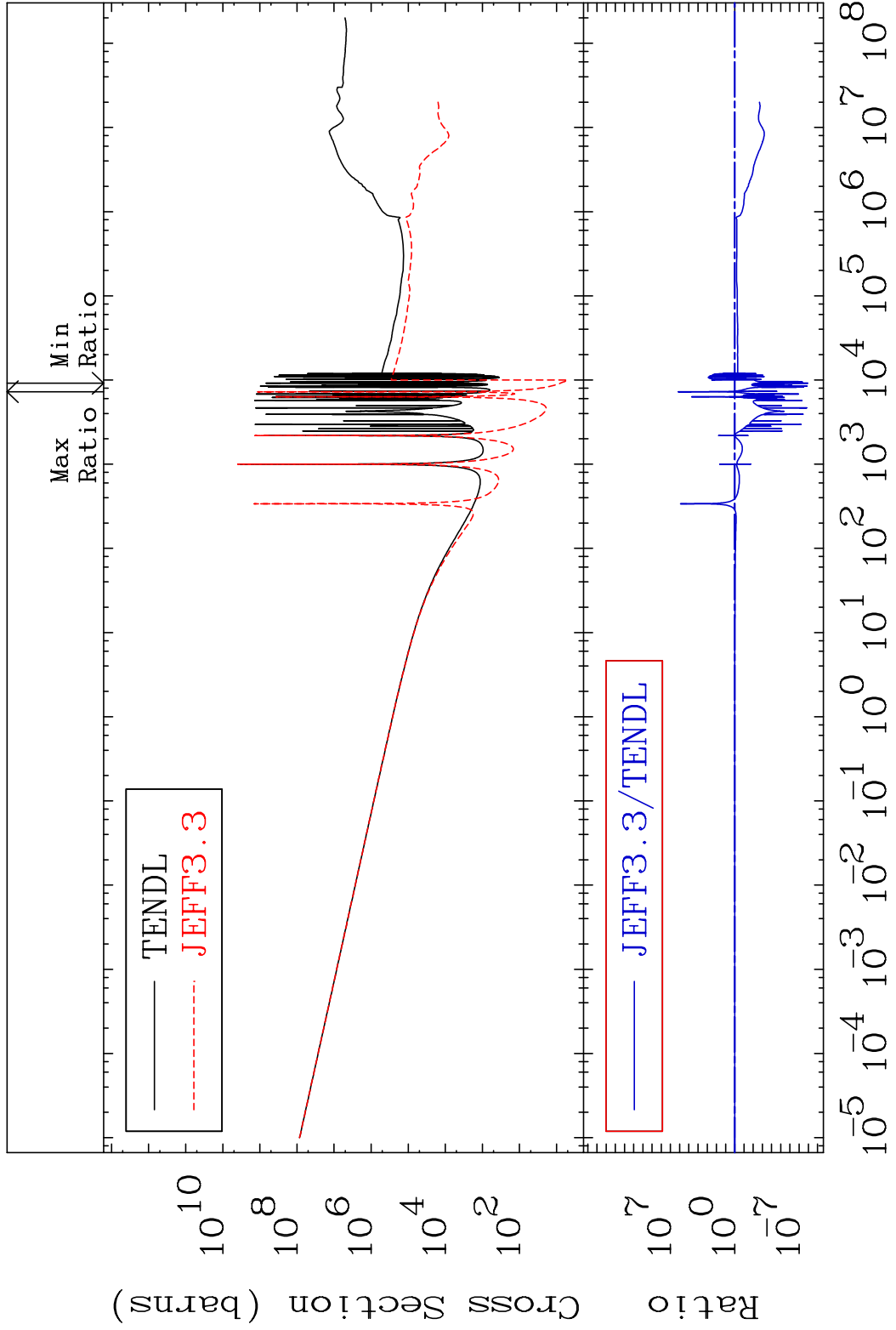


MAT 5455      Kerma capture (mt102)      54-Xe-134  
 Cross Section      -100.0 To 9999. %



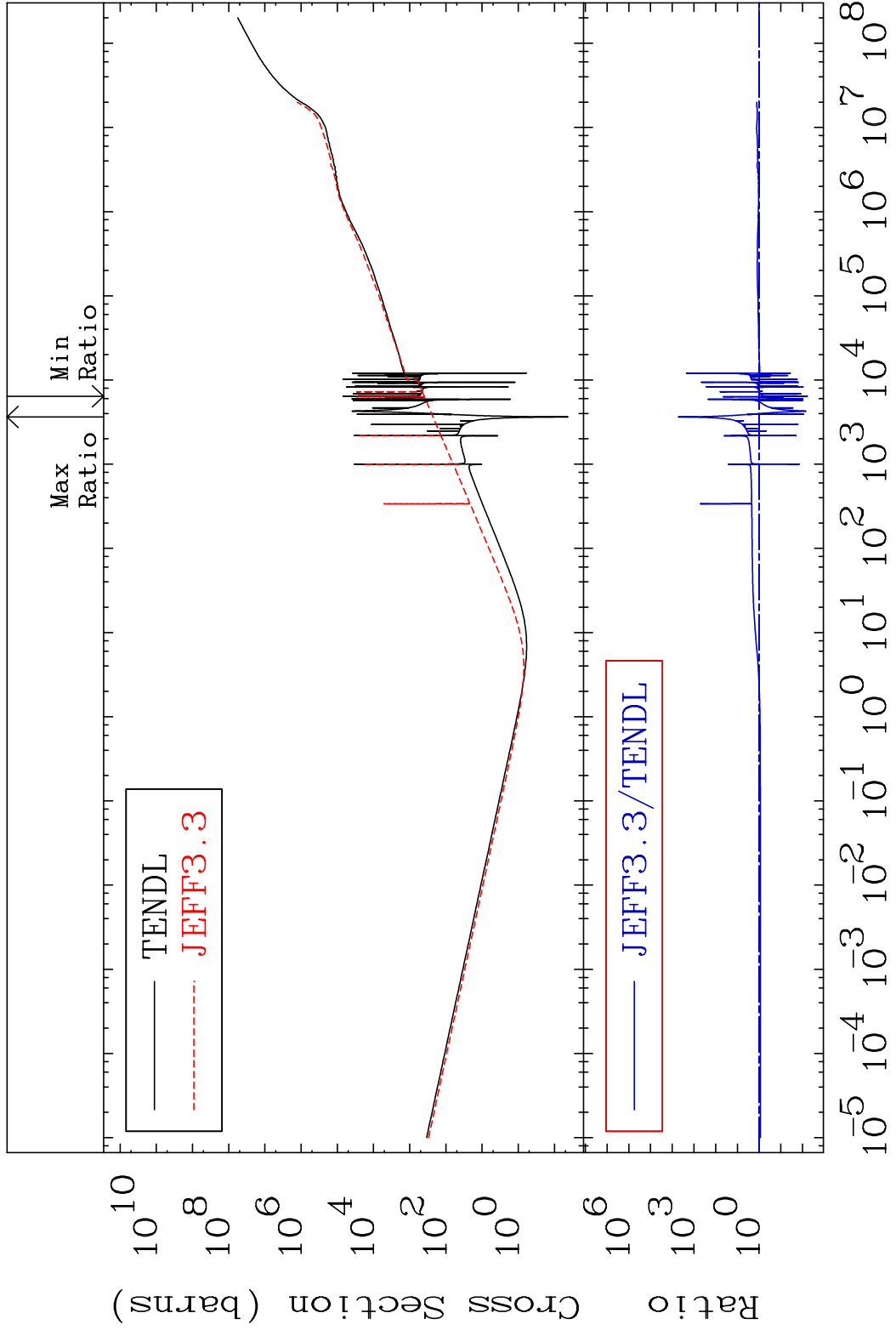
42      Incident Energy (eV)      54-Xe-134

MAT 5455 Total photon (eV-barns) 54-Xe-134  
 Cross Section -100.0 To 9999. %

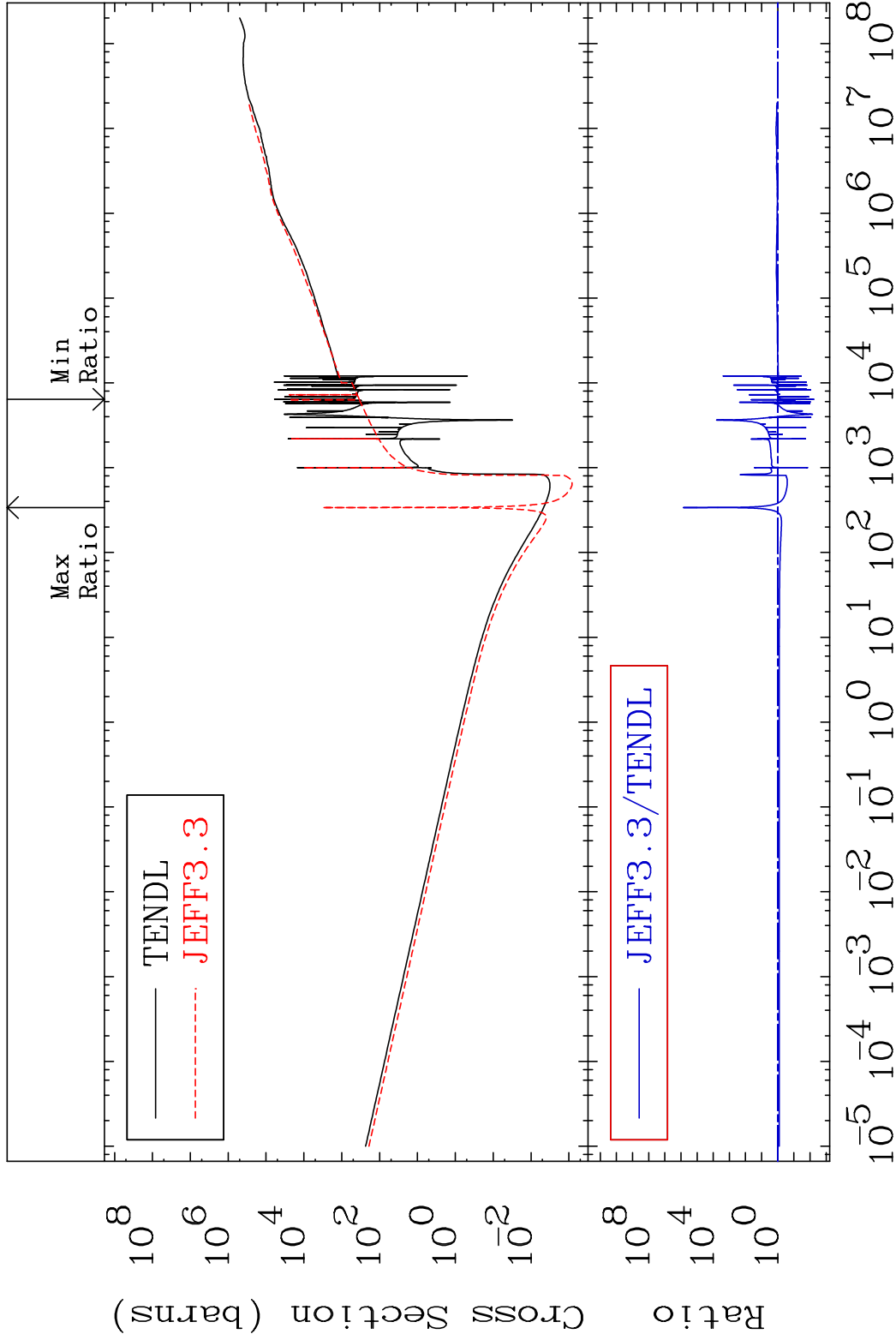


43 Incident Energy (eV) 54-Xe-134

MAT 5455 Total kinematic kerma (high limit) 54-Xe-134  
 Cross Section -99.42 To 9999. %

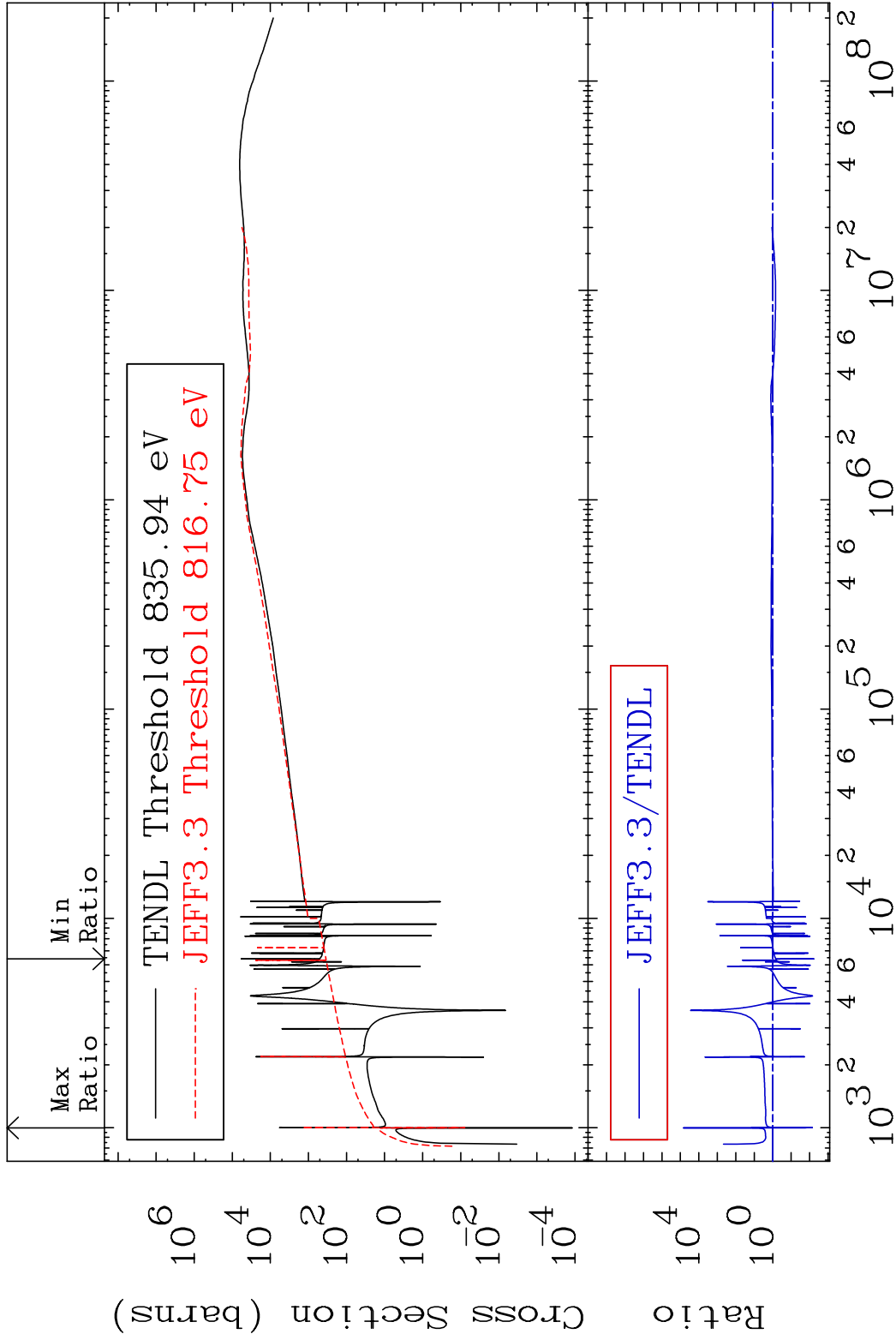


MAT 5455      Dpa total (eV-barns)      54-Xe-134  
 Cross Section      -99.42 To 9999. %



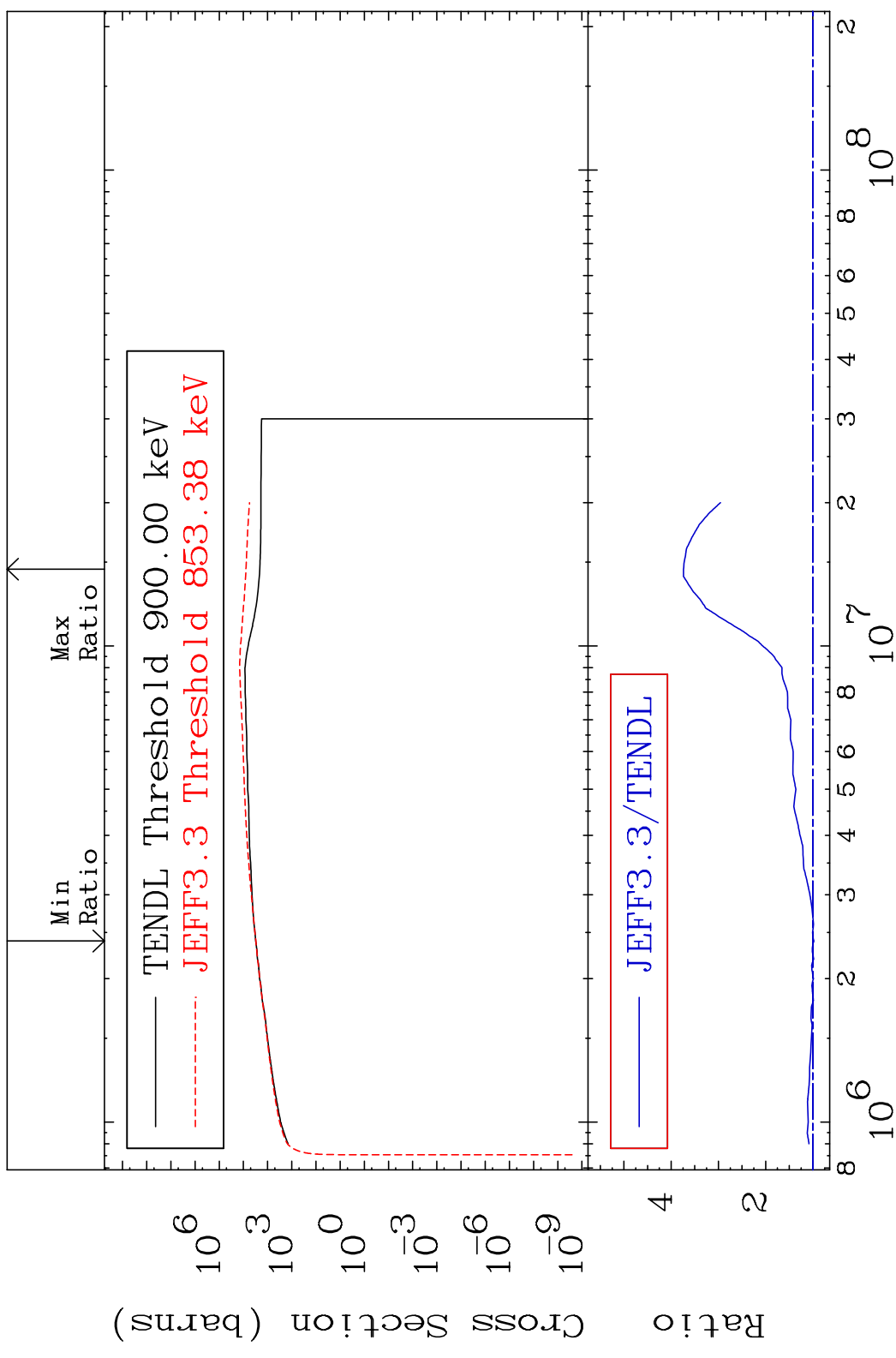
45      Incident Energy (eV)      54-Xe-134

MAT 5455 Dpa elastic (mt2) 54-Xe-134  
 Cross Section -99.41 To 9999. %



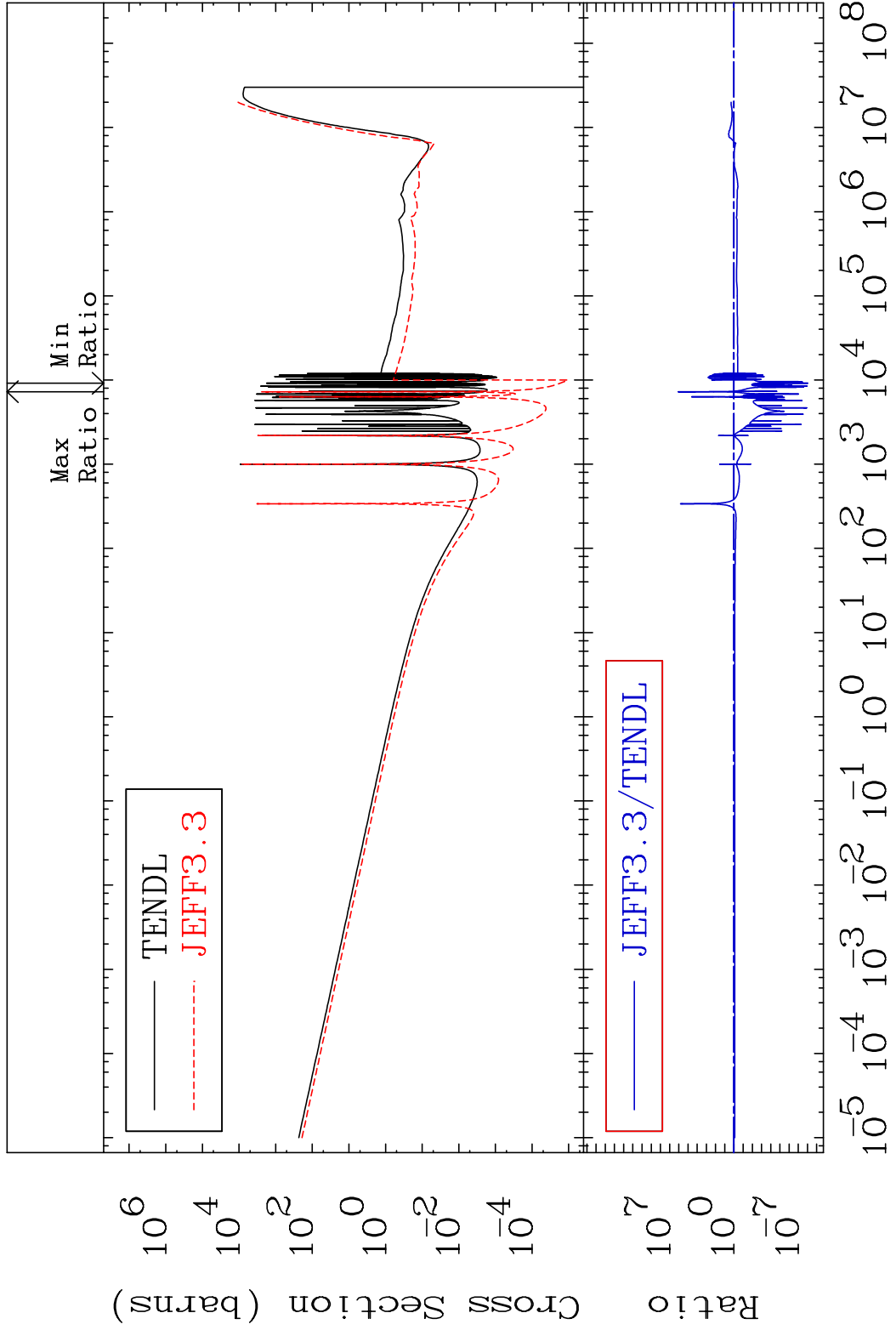
46 Incident Energy (eV) 54-Xe-134

MAT 5455 Dpa inelastic (mt51-91) 54-Xe-134  
 Cross Section -2.130 To 274.0 %



47 Incident Energy (eV) 54-Xe-134

MAT 5455 Dpa disappearance (mt102 -120) 54-Xe-134  
 Cross Section -100.0 To 9999. %



48 Incident Energy (eV) 54-Xe-134