

Program Complot  
(Version 2021-1)

by

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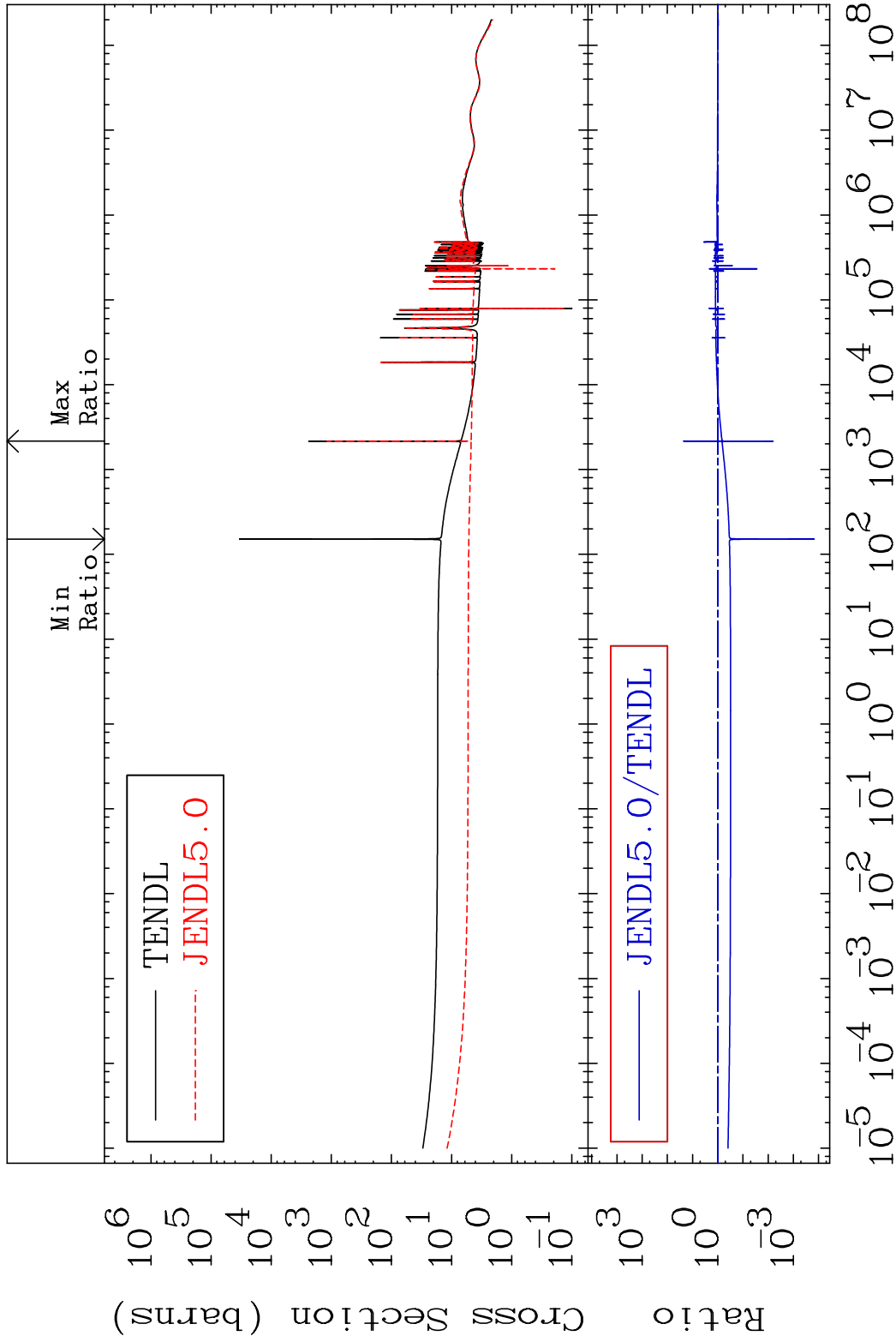
Press Mouse Button to Start

MAT 5461

Total

54-Xe-136

Cross Section -99.98 To 2198. %



1

Incident Energy (eV)

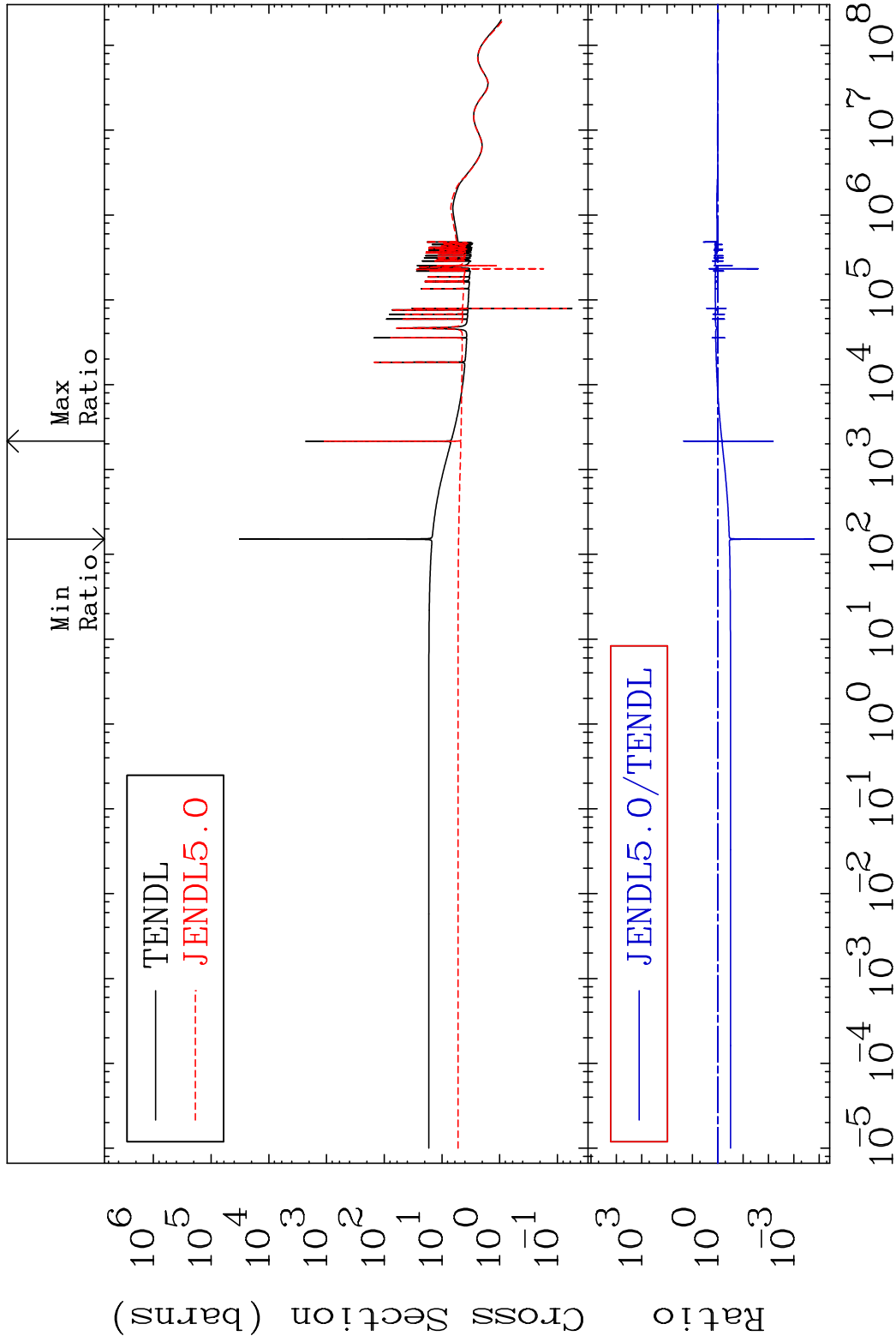
54-Xe-136

MAT 5461

Elastic

54-Xe-136

Cross Section -99.98 To 2138. %

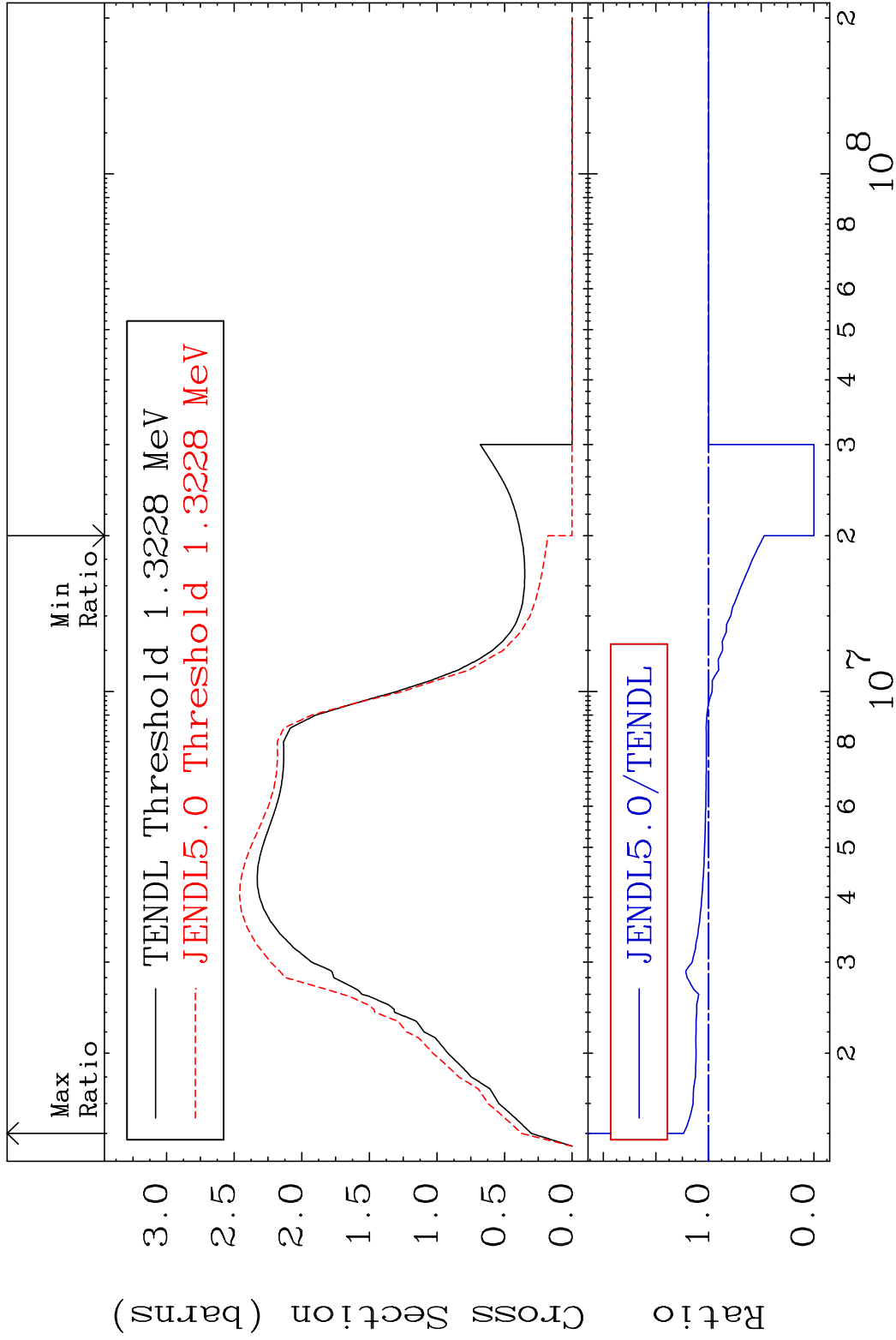


2

Incident Energy (eV)

54-Xe-136

MAT 5461 Inelastic 54-Xe-136  
Cross Section -100.0 To 23.87 %



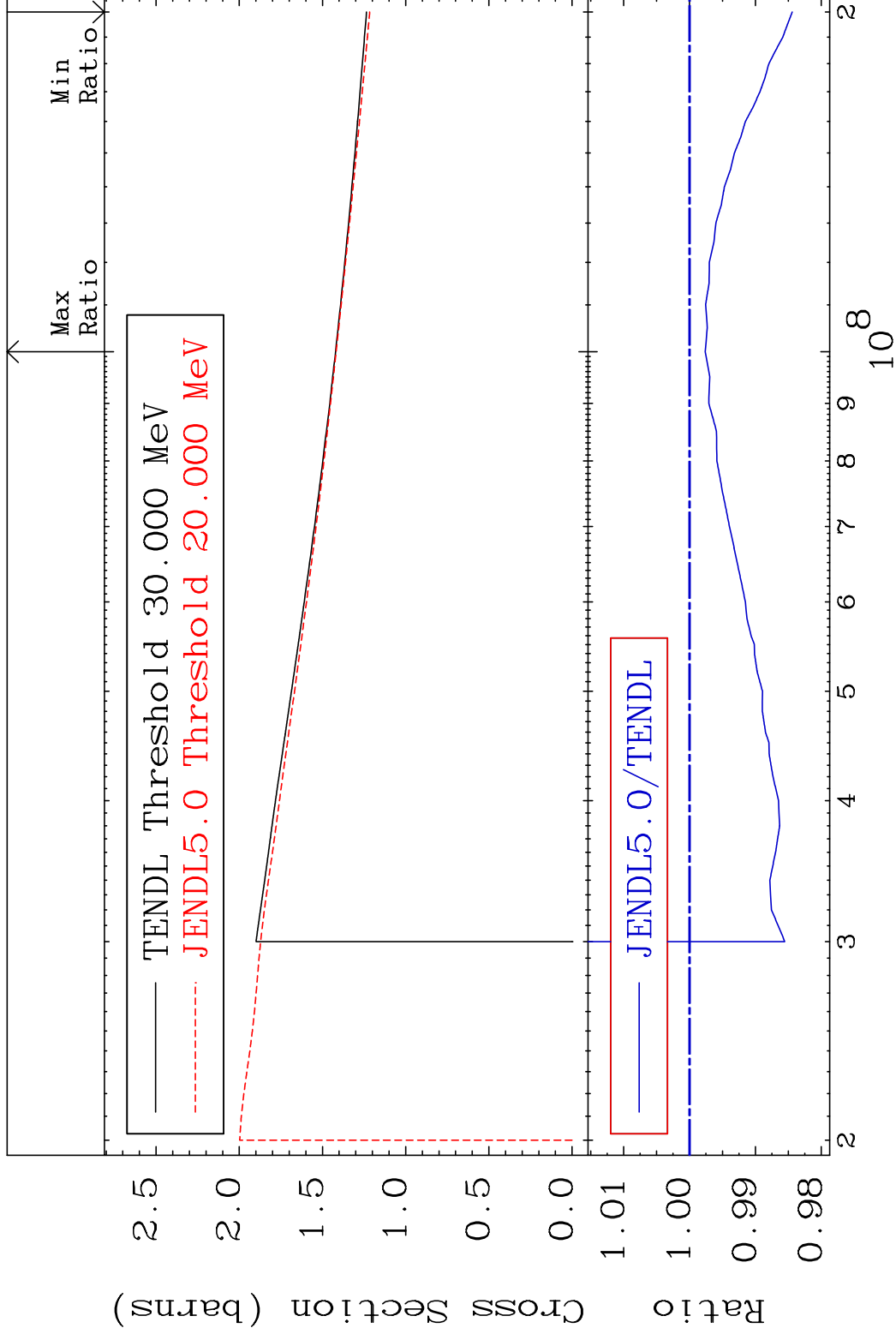
3 Incident Energy (eV) 54-Xe-136

MAT 5461

(n, remainder)

54-Xe-136

Cross Section -1.560 To -0.237%

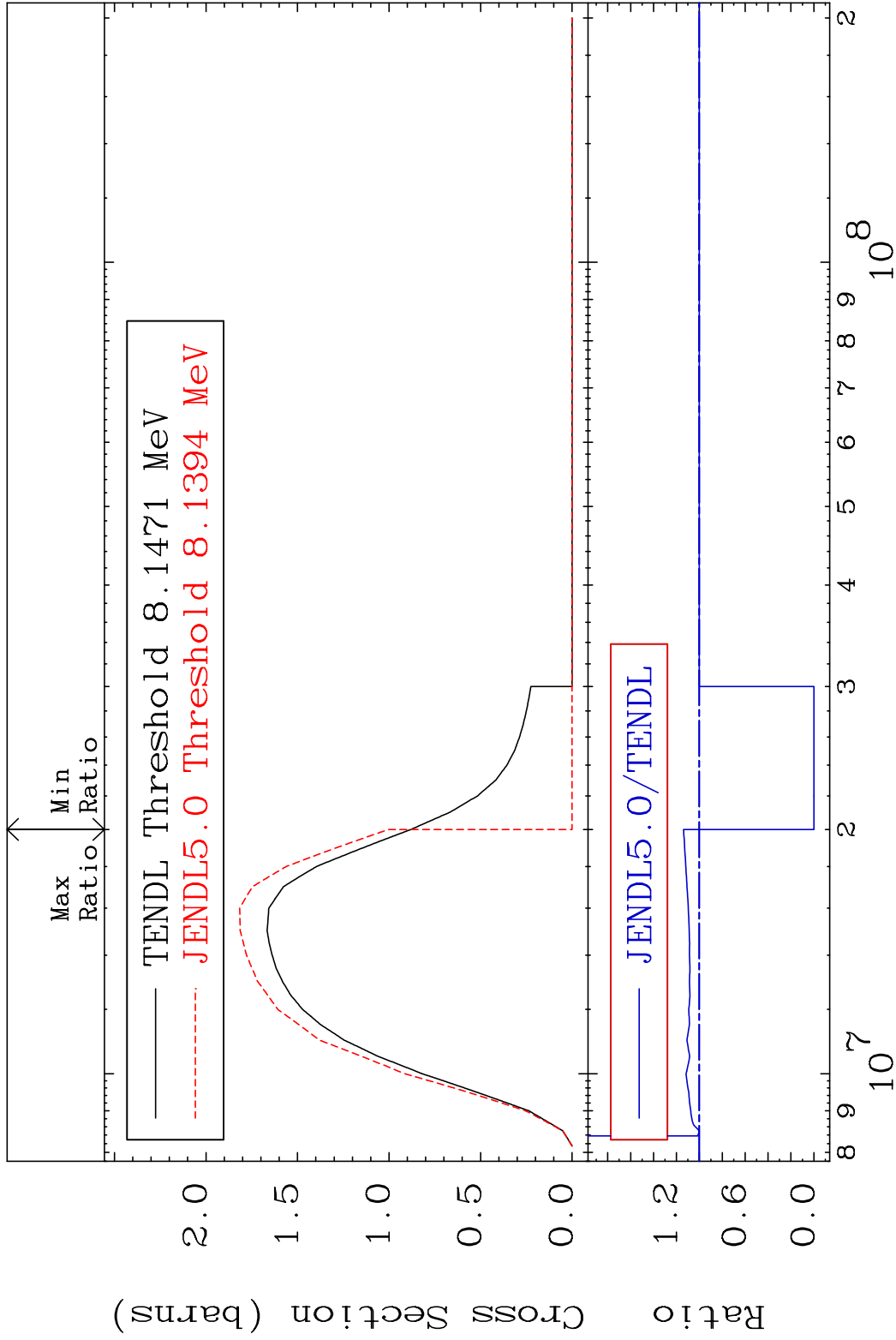


4

Incident Energy (eV)

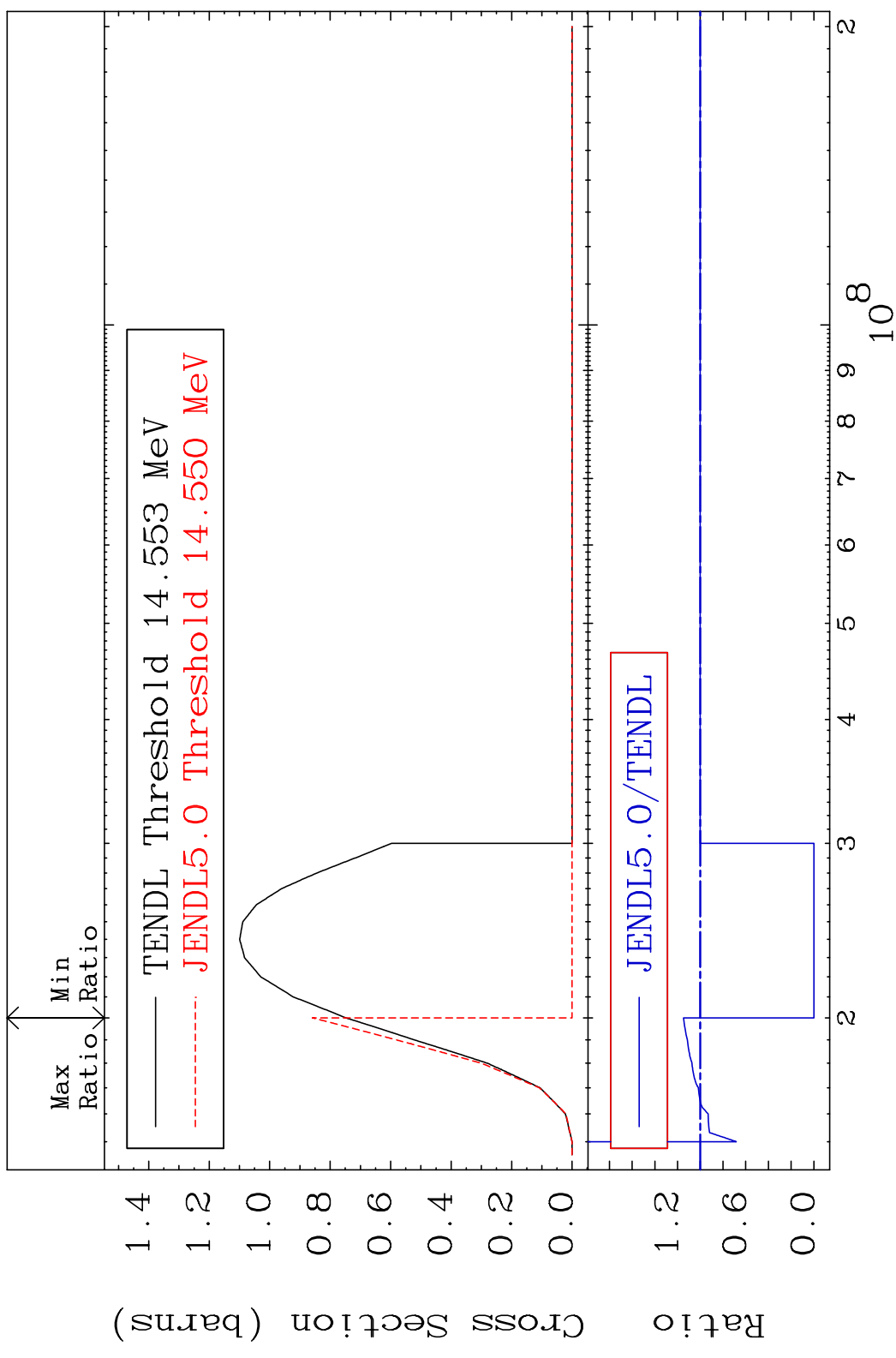
54-Xe-136

MAT 5461 (n,2n) 54-Xe-136  
 Cross Section -100.0 To 13.87 %

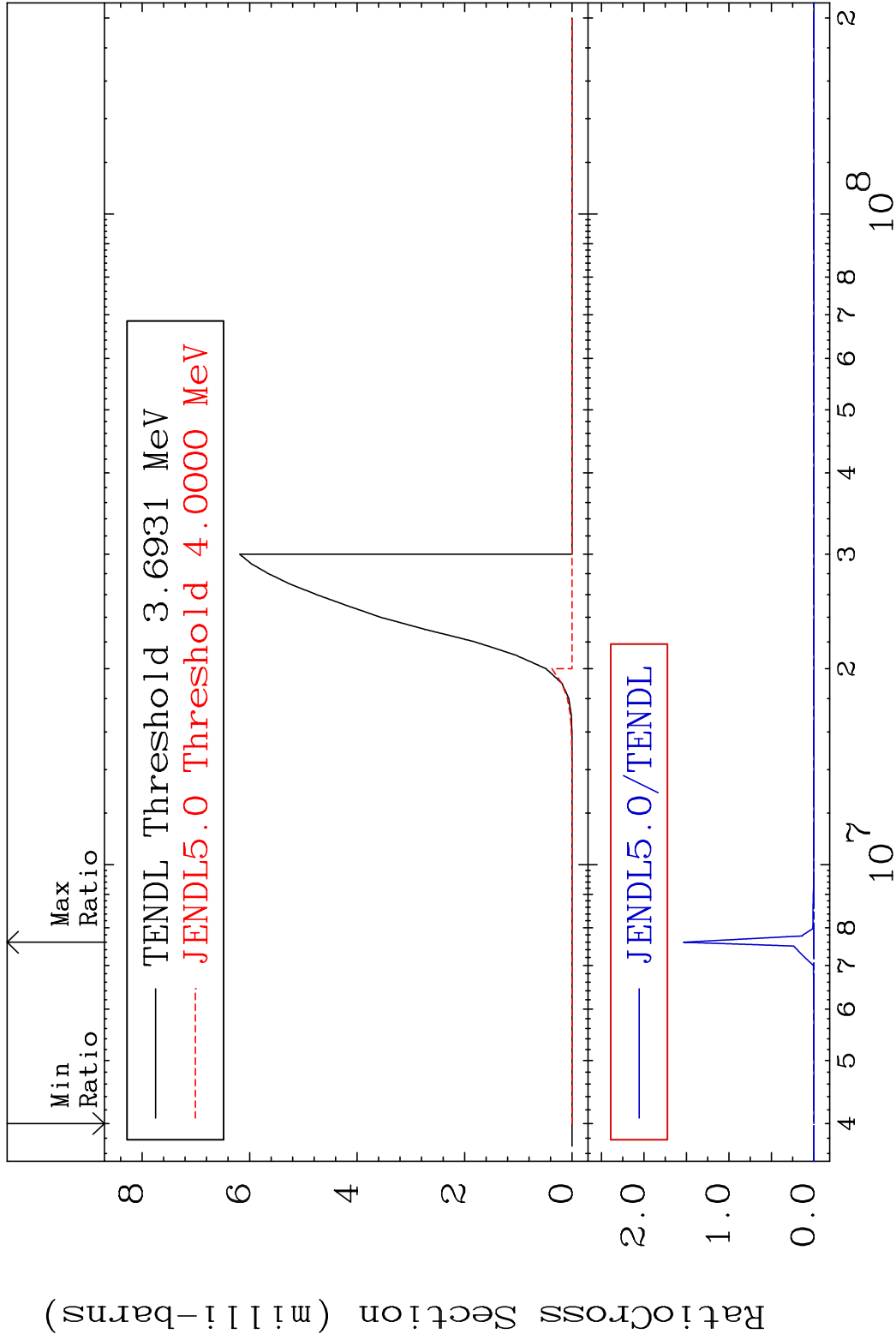


5 Incident Energy (eV) 54-Xe-136

MAT 5461 (n,3n) 54-Xe-136  
 Cross Section -100.0 To 14.80 %



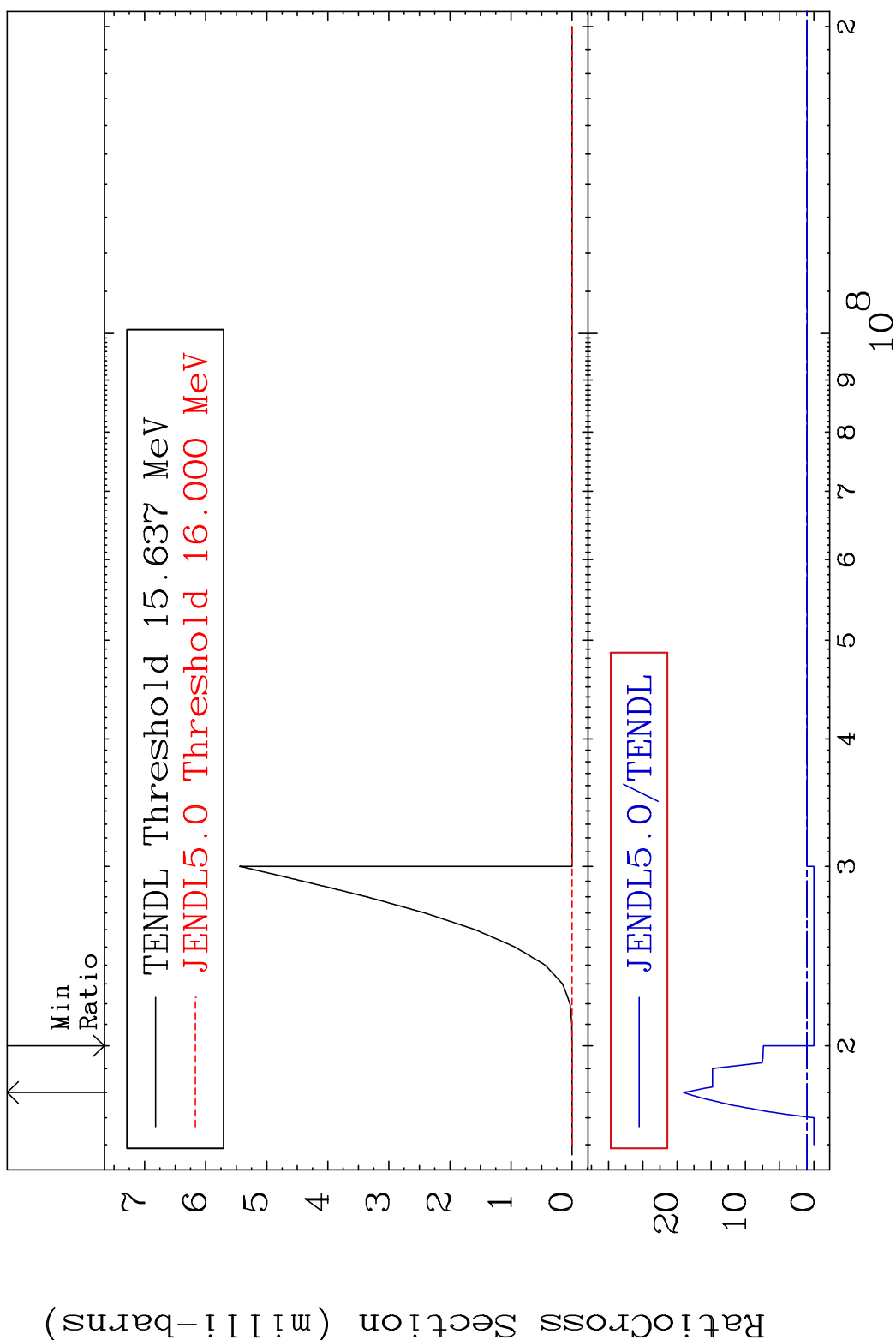
MAT 5461 (n, n')  $\alpha$  54-Xe-136  
 Cross Section -100.0 To 9999. %



7 54-Xe-136

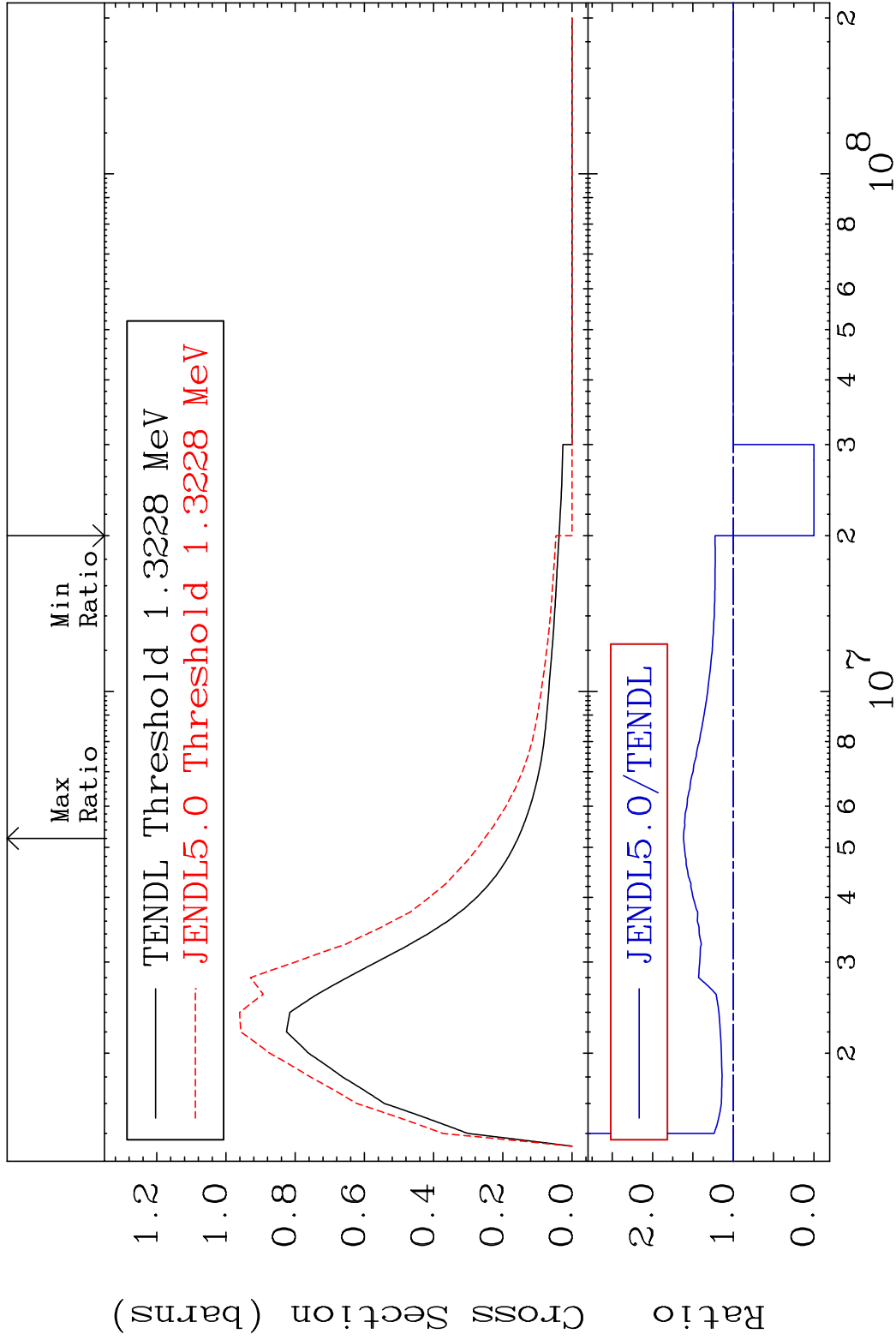


MAT 5461 (n, n') d 54-Xe-136  
 Cross Section -100.0 To 1806. %



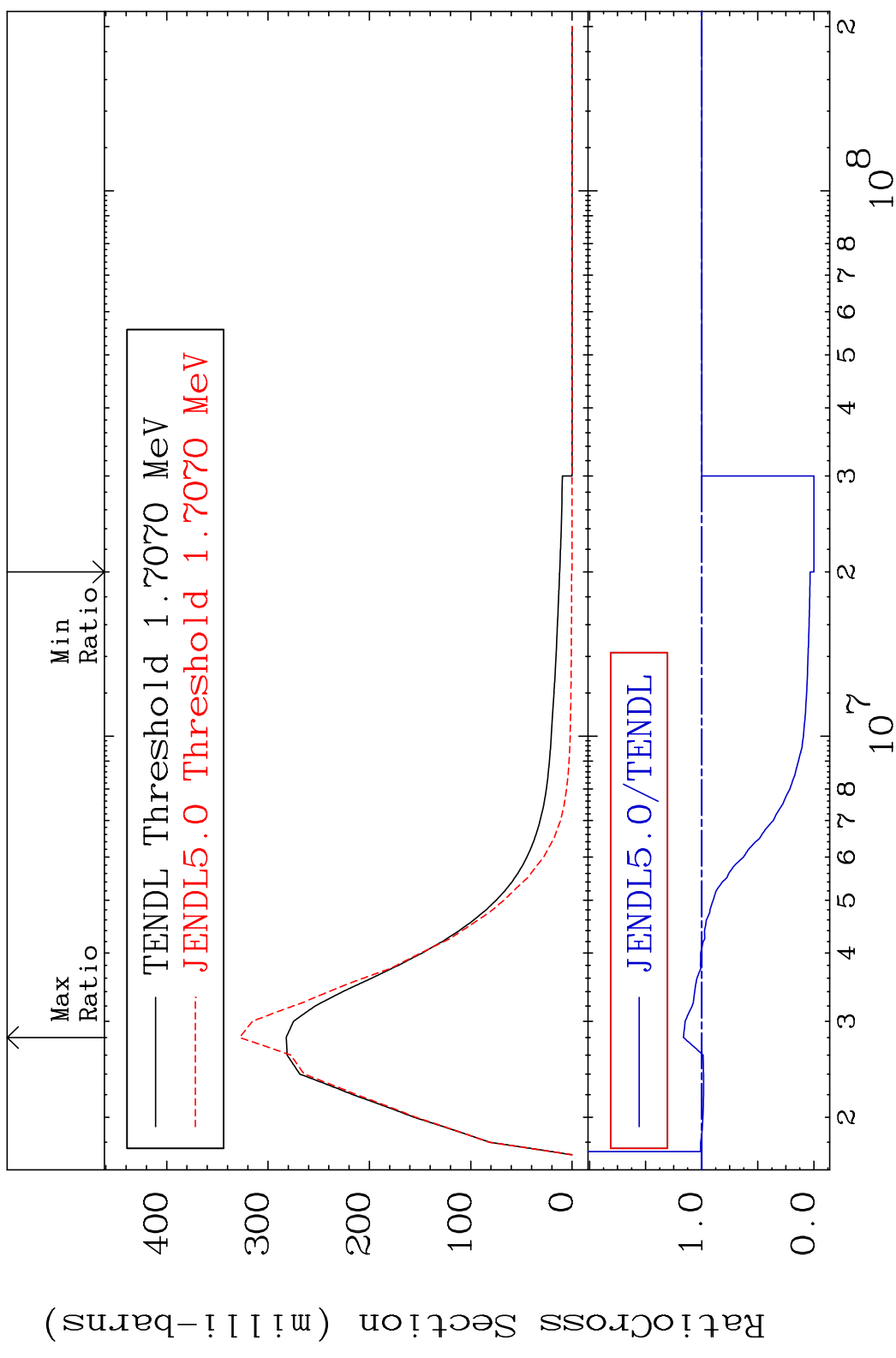
9 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 51 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 61.77 %



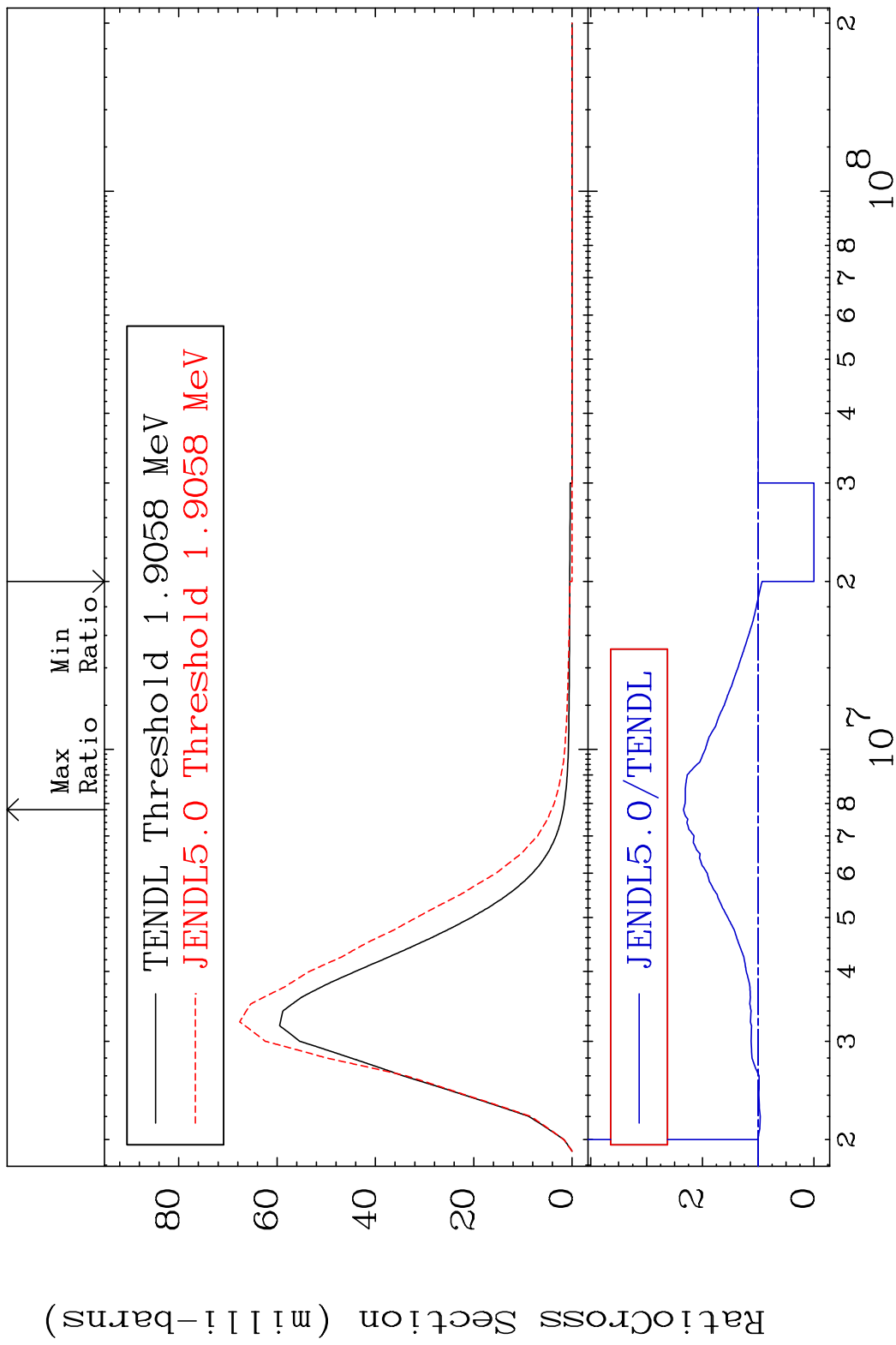
10 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 52 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 16.26 %



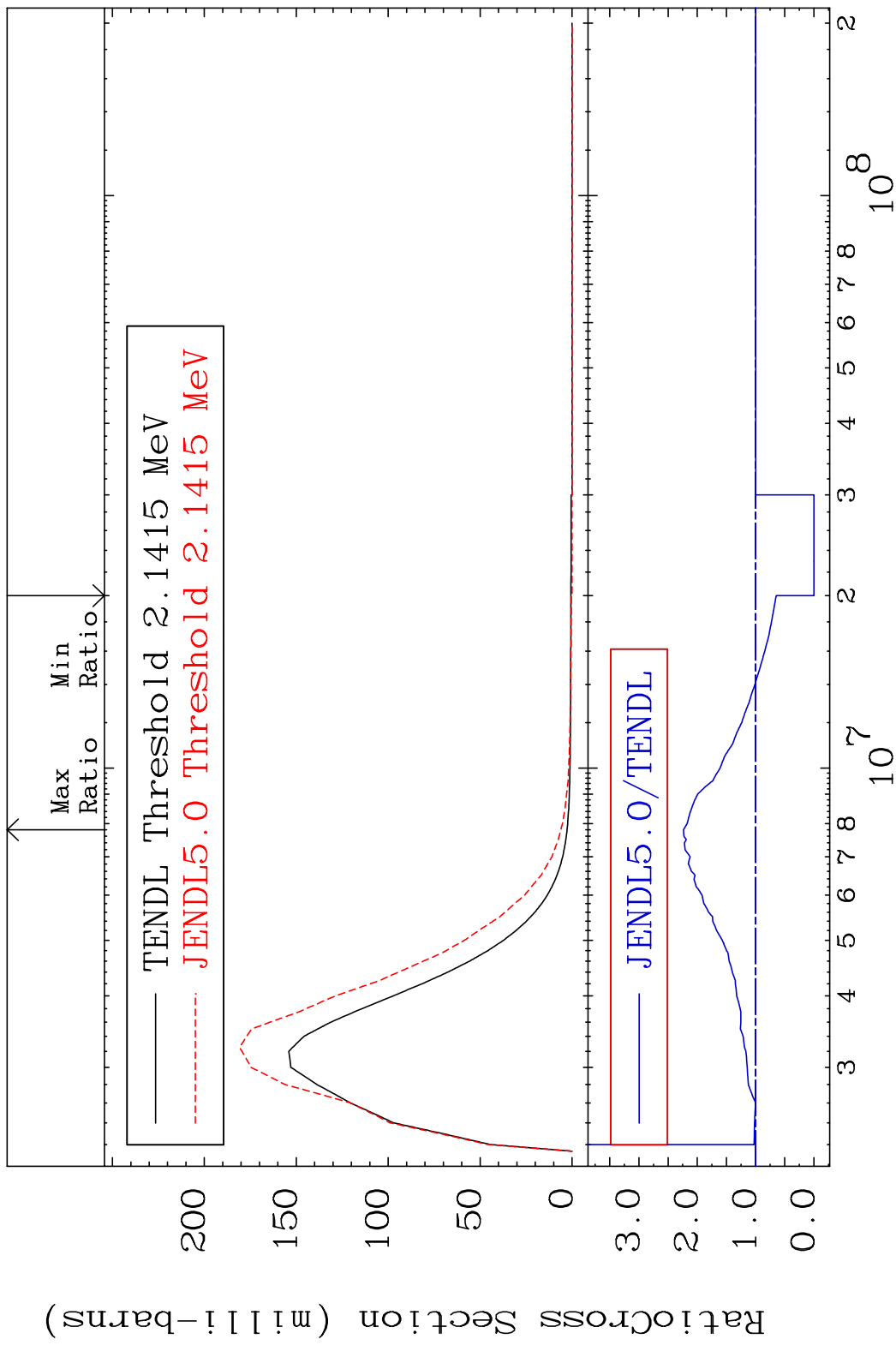
11 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 53 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 133.9 %



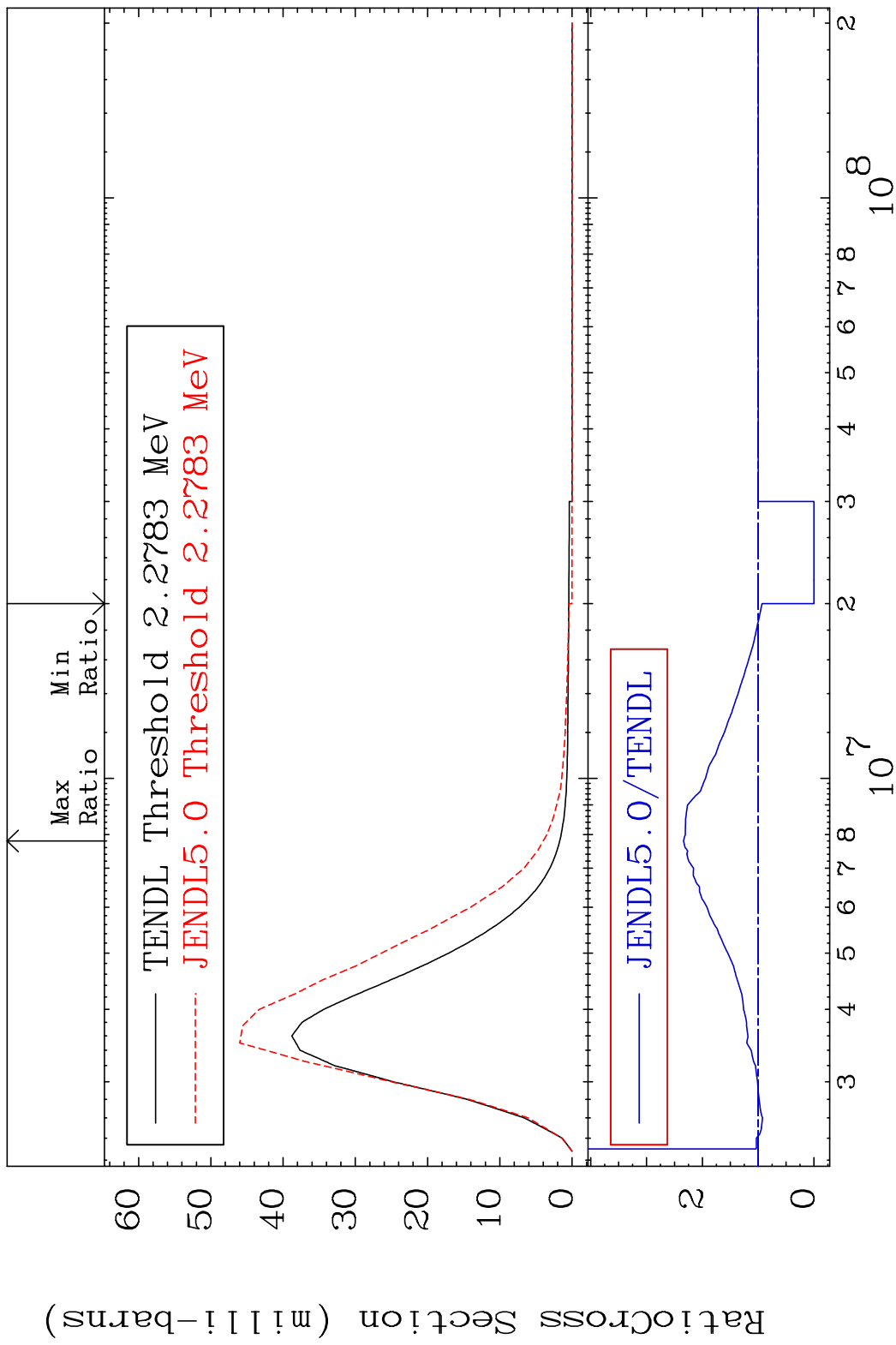
12 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 54 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 123.7 %



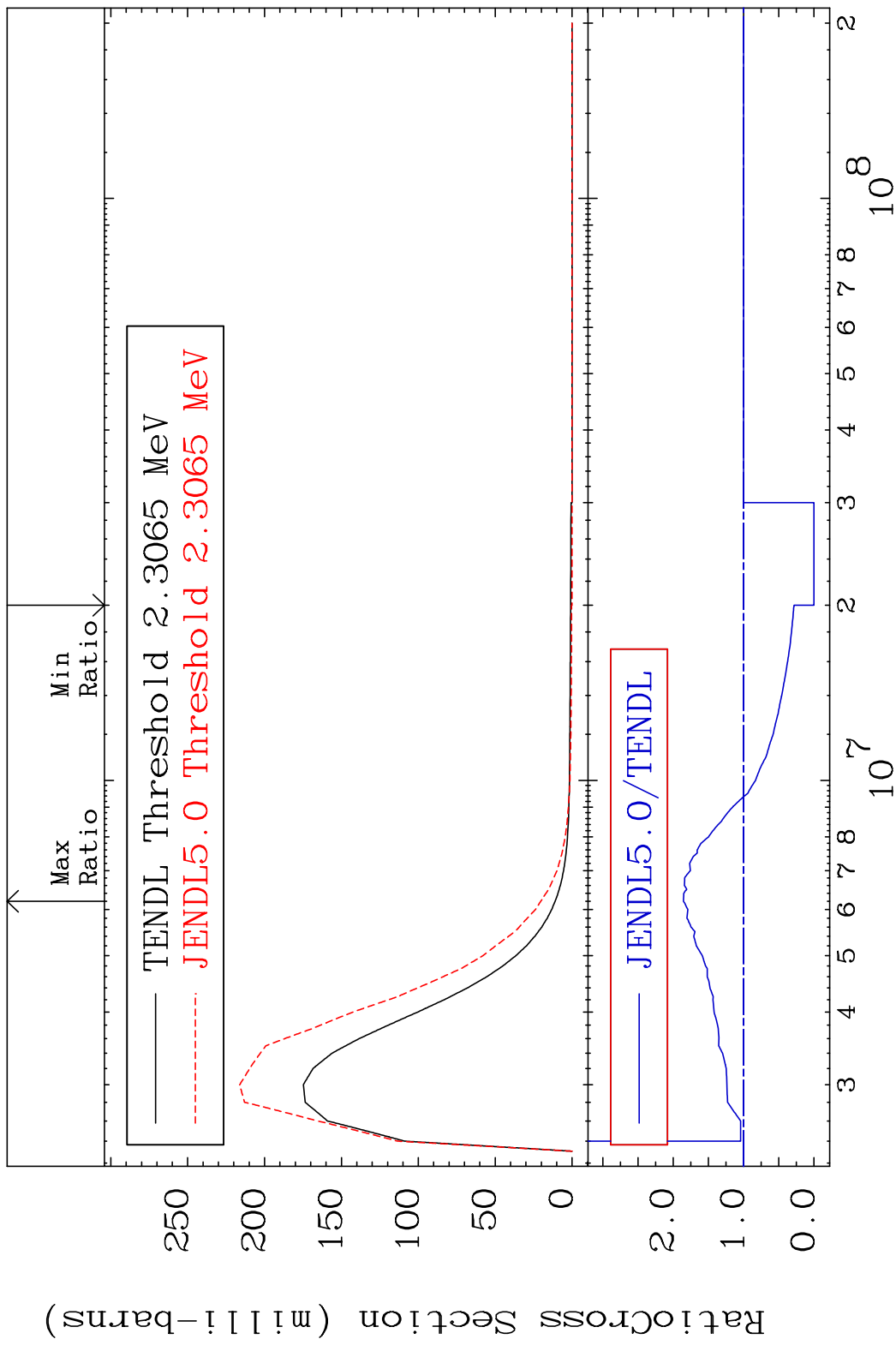
13 54-Xe-136

MAT 5461 MT= 55 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 133.9 %



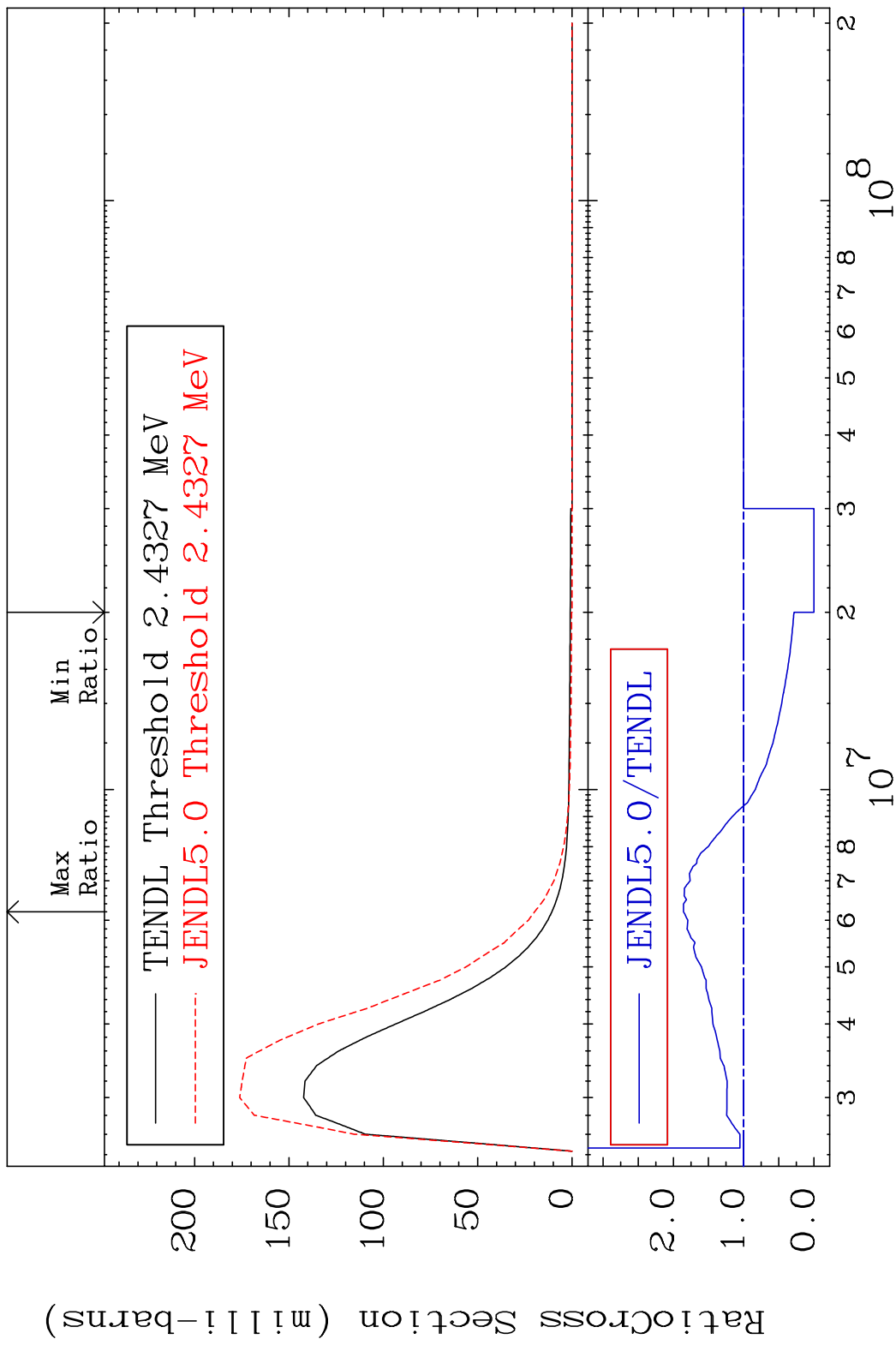
14 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 56 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 85.36 %



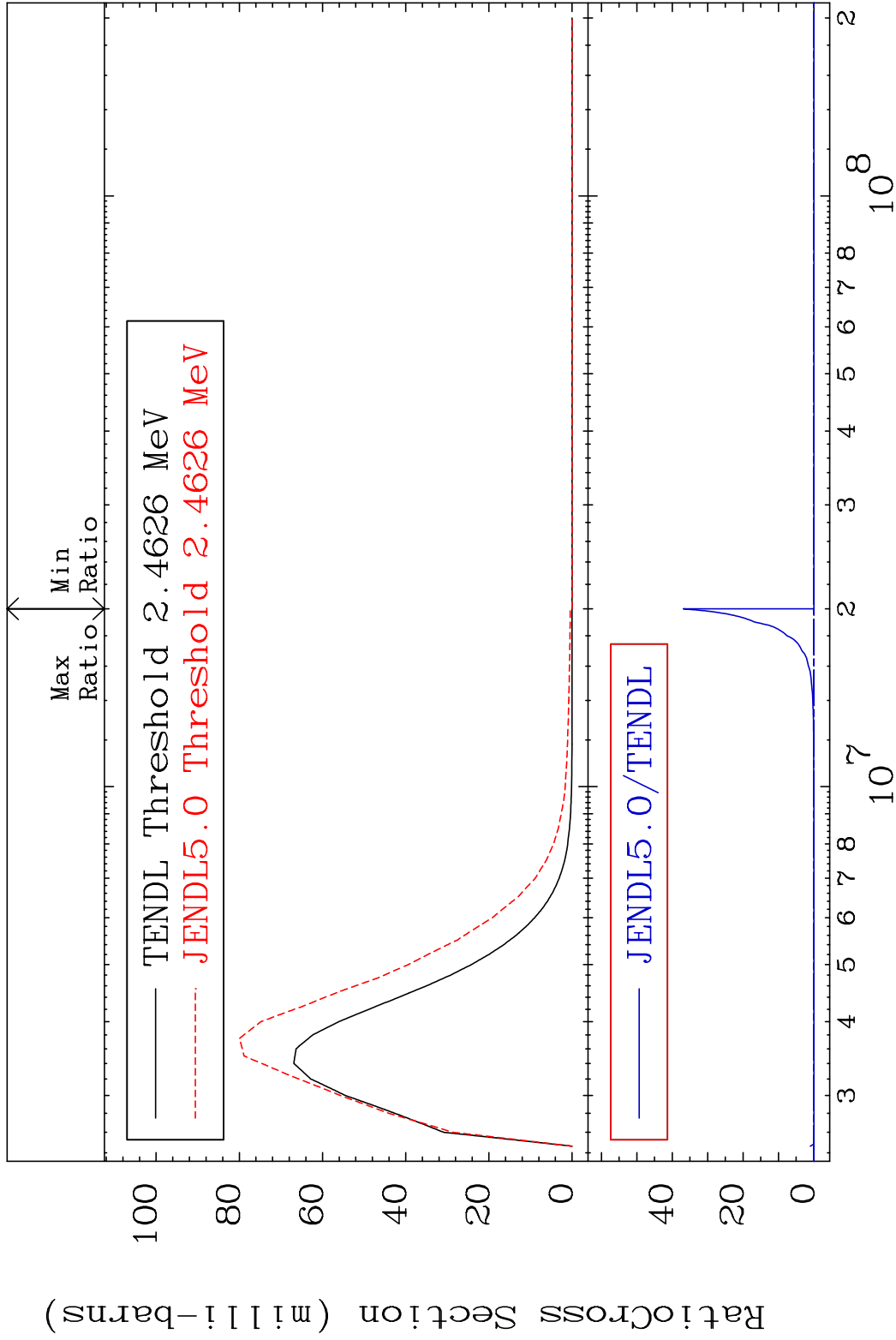
15 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 57 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 85.64 %



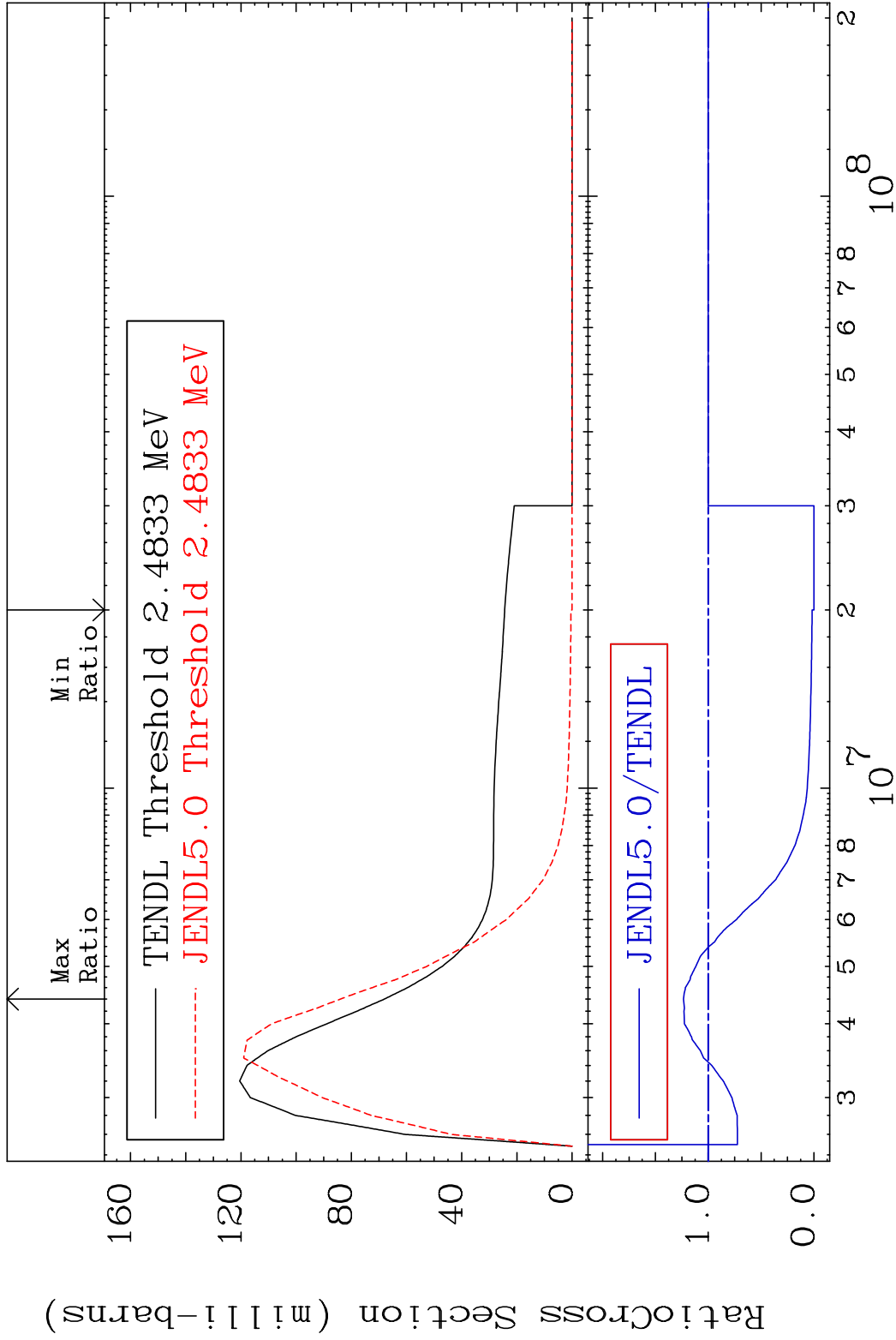
16 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 58 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 9999. %



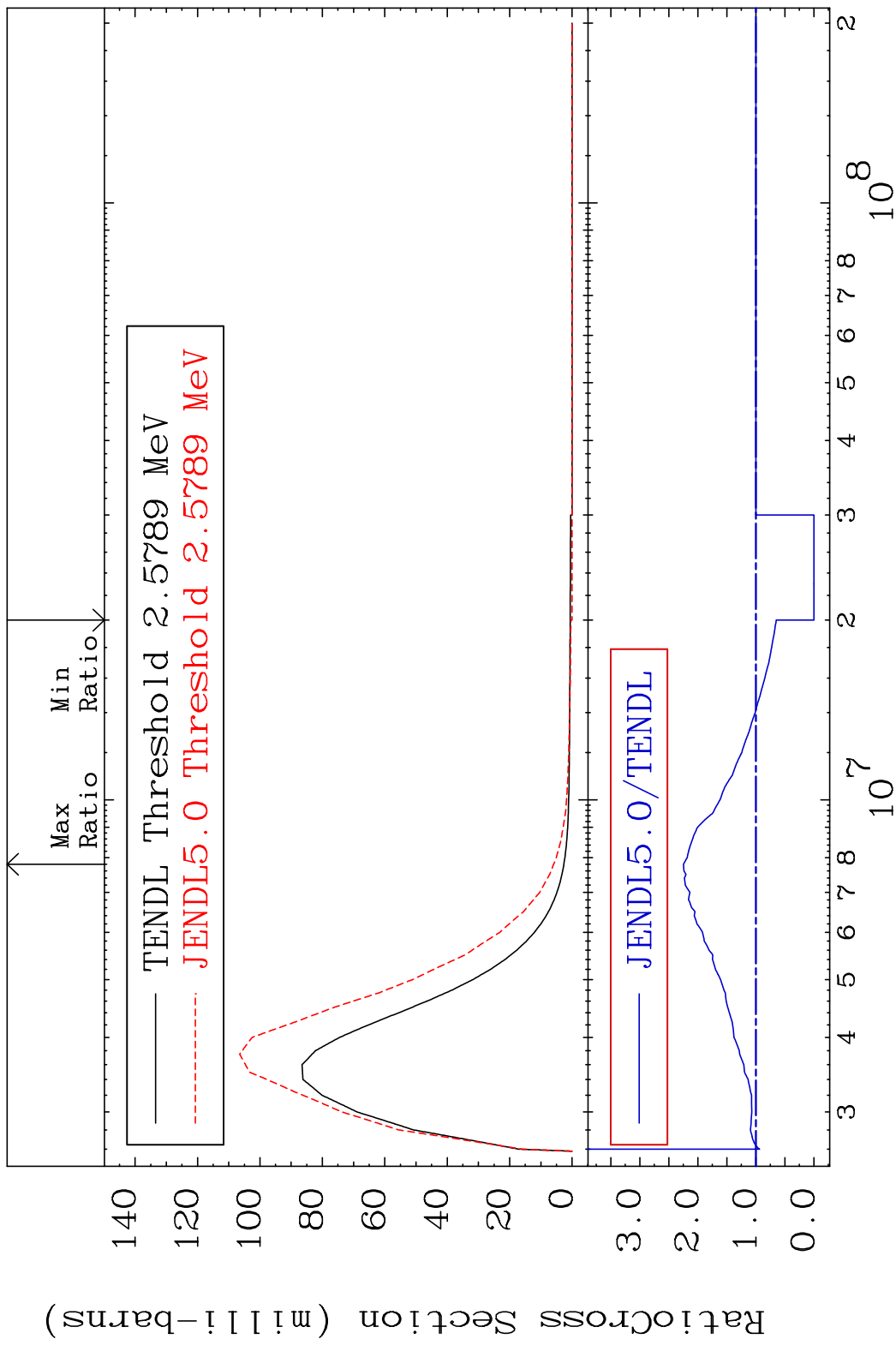
17 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 59 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 23.46 %



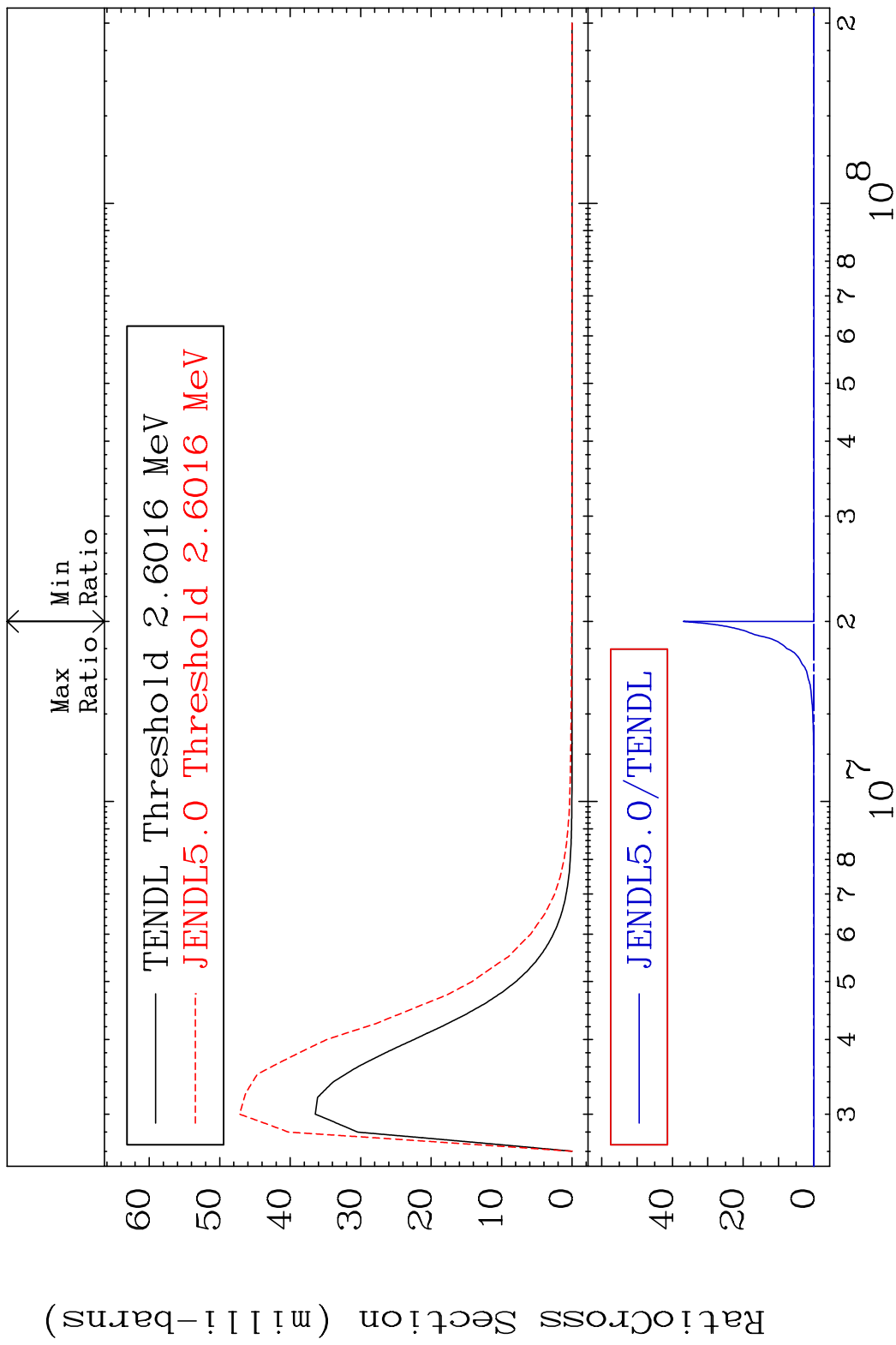
18 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 60 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 124.8 %



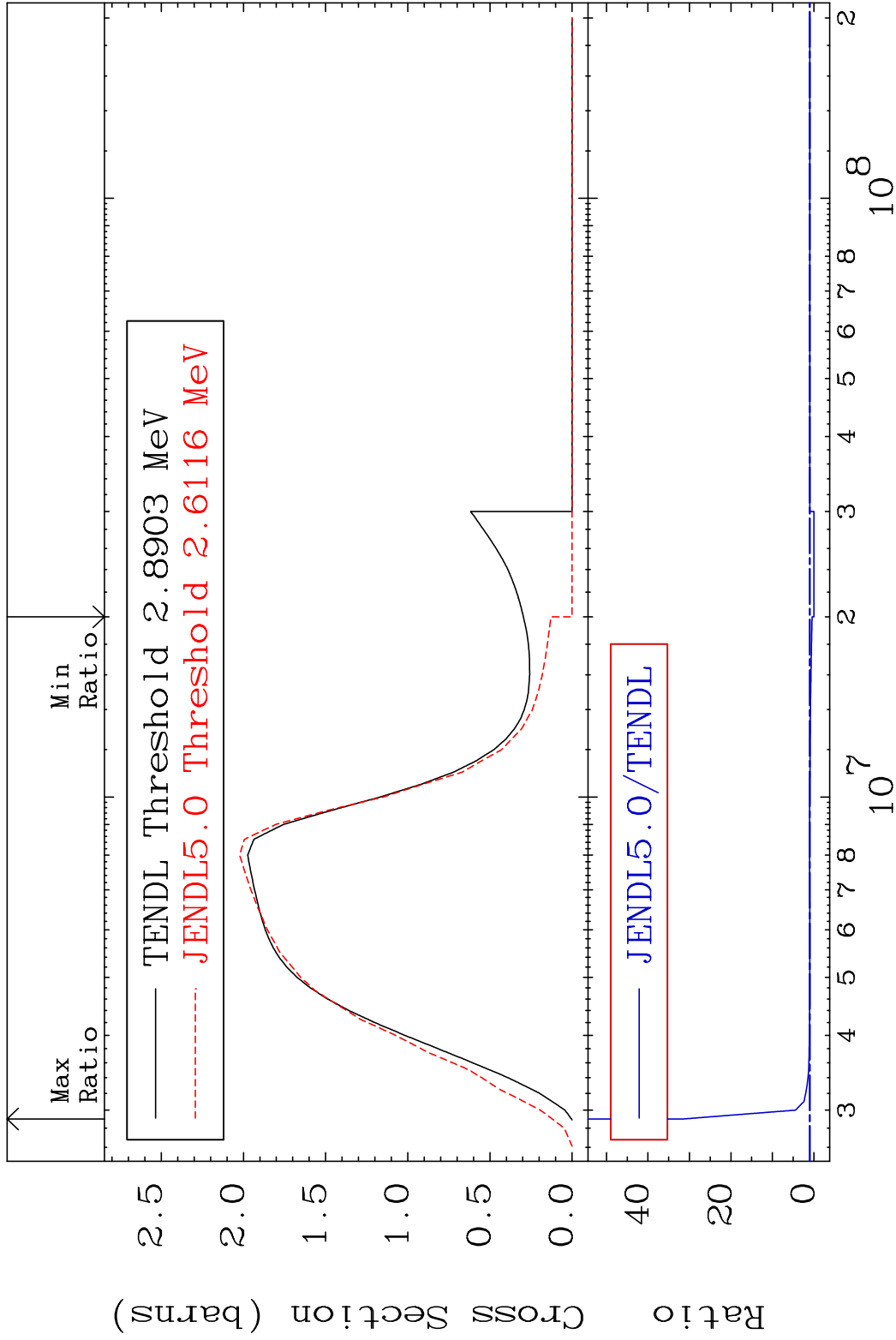
19 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 61 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 9999. %



20 Incident Energy (eV) 54-Xe-136

MAT 5461 (n, n') Continuum 54-Xe-136  
 Cross Section -100.0 To 3044. %



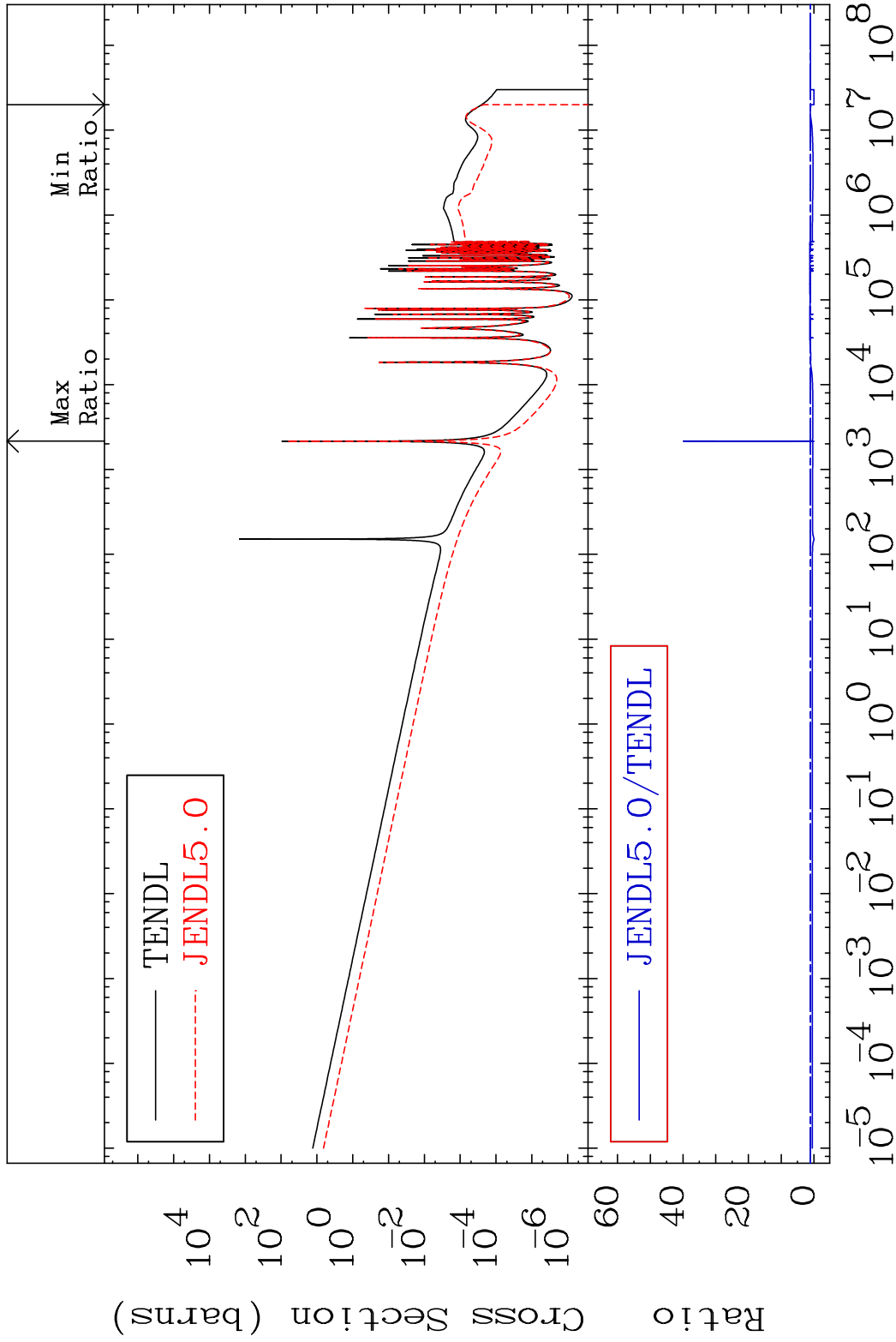
21 Incident Energy (eV) 54-Xe-136

MAT 5461

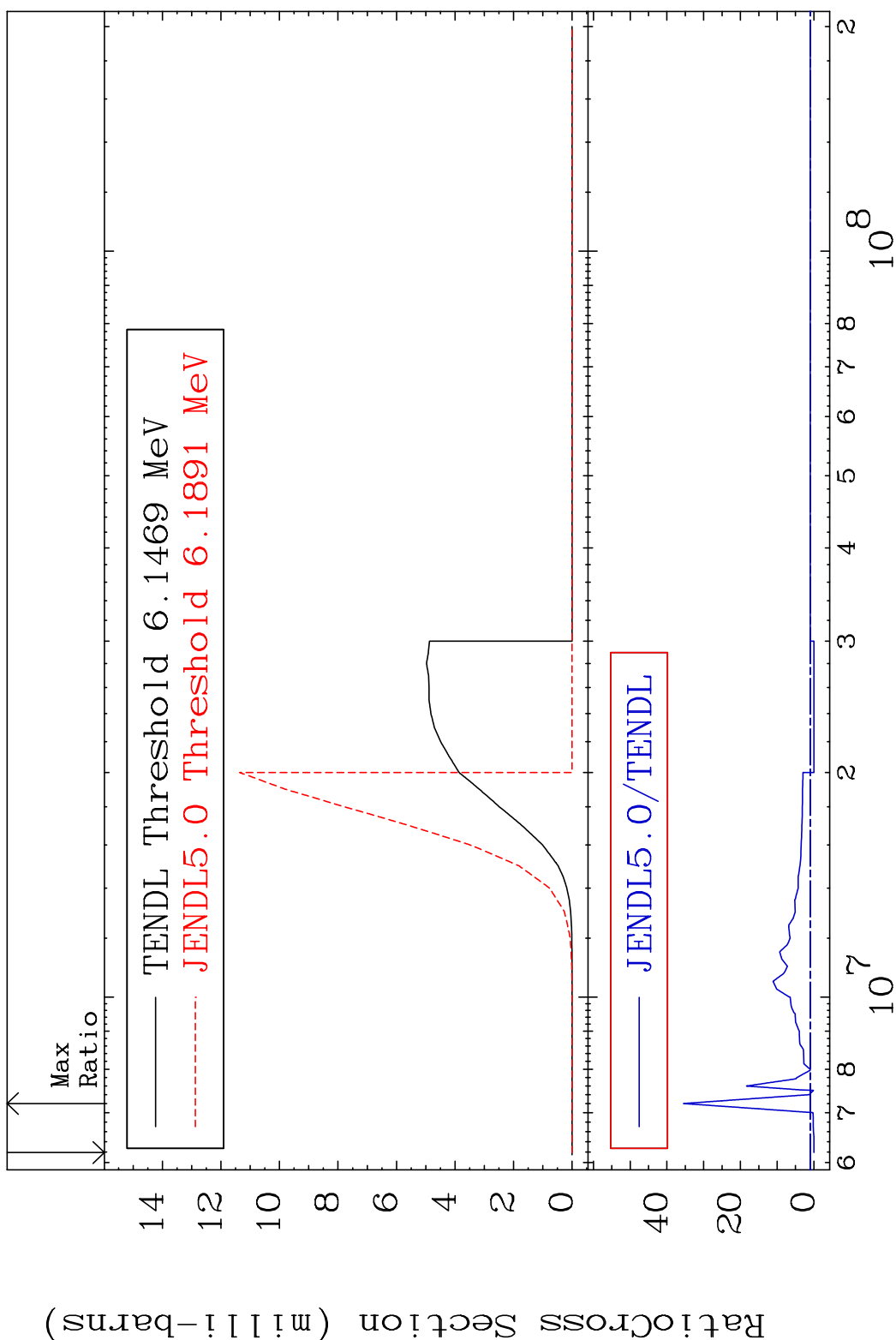
(n,  $\gamma$ )

54-Xe-136

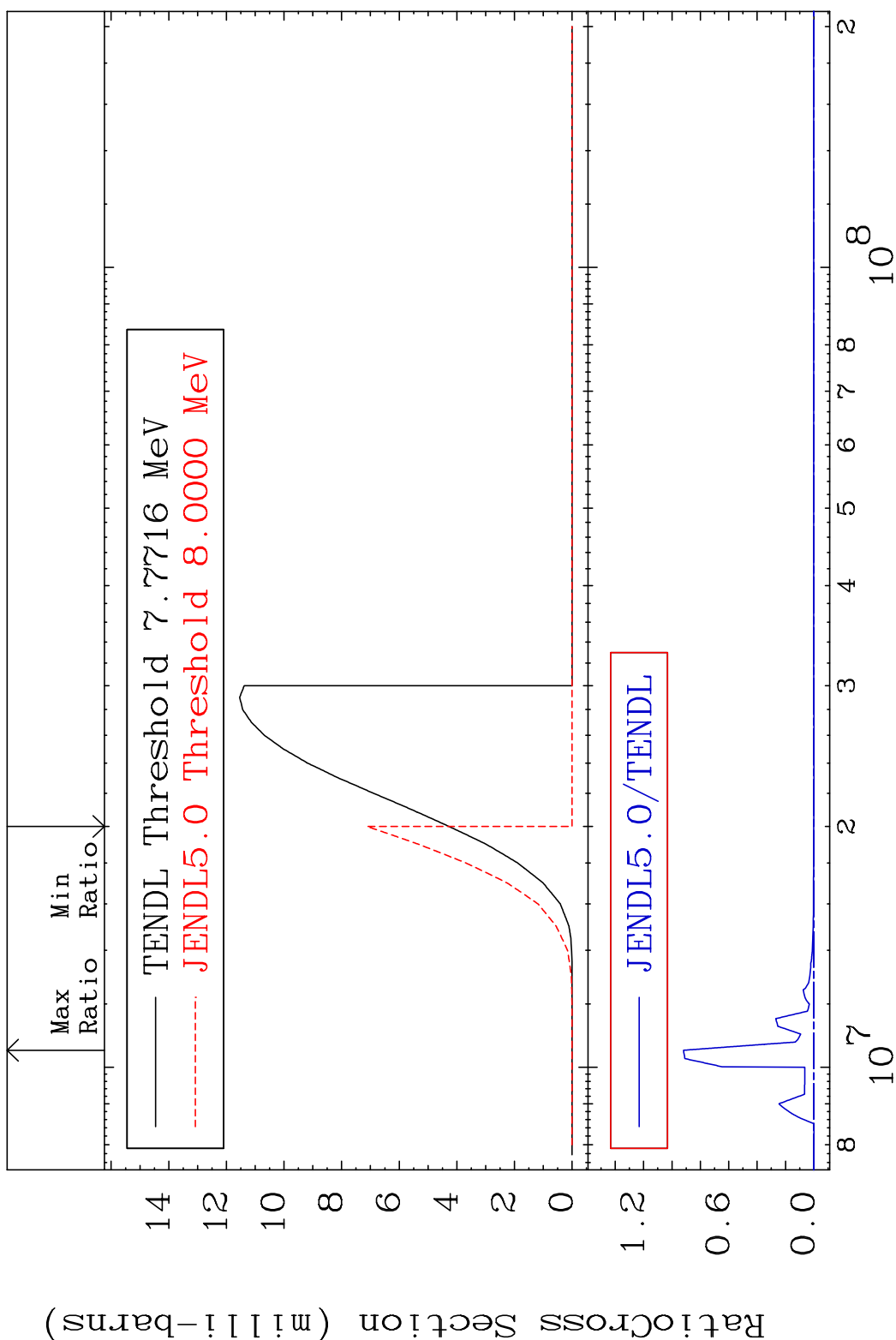
Cross Section -100.0 To 3886. %



MAT 5461 (n,p) 54-Xe-136  
 Cross Section -100.0 To 3449. %



MAT 5461 (n, d) 54-Xe-136  
 Cross Section -100.0 To 9999. %



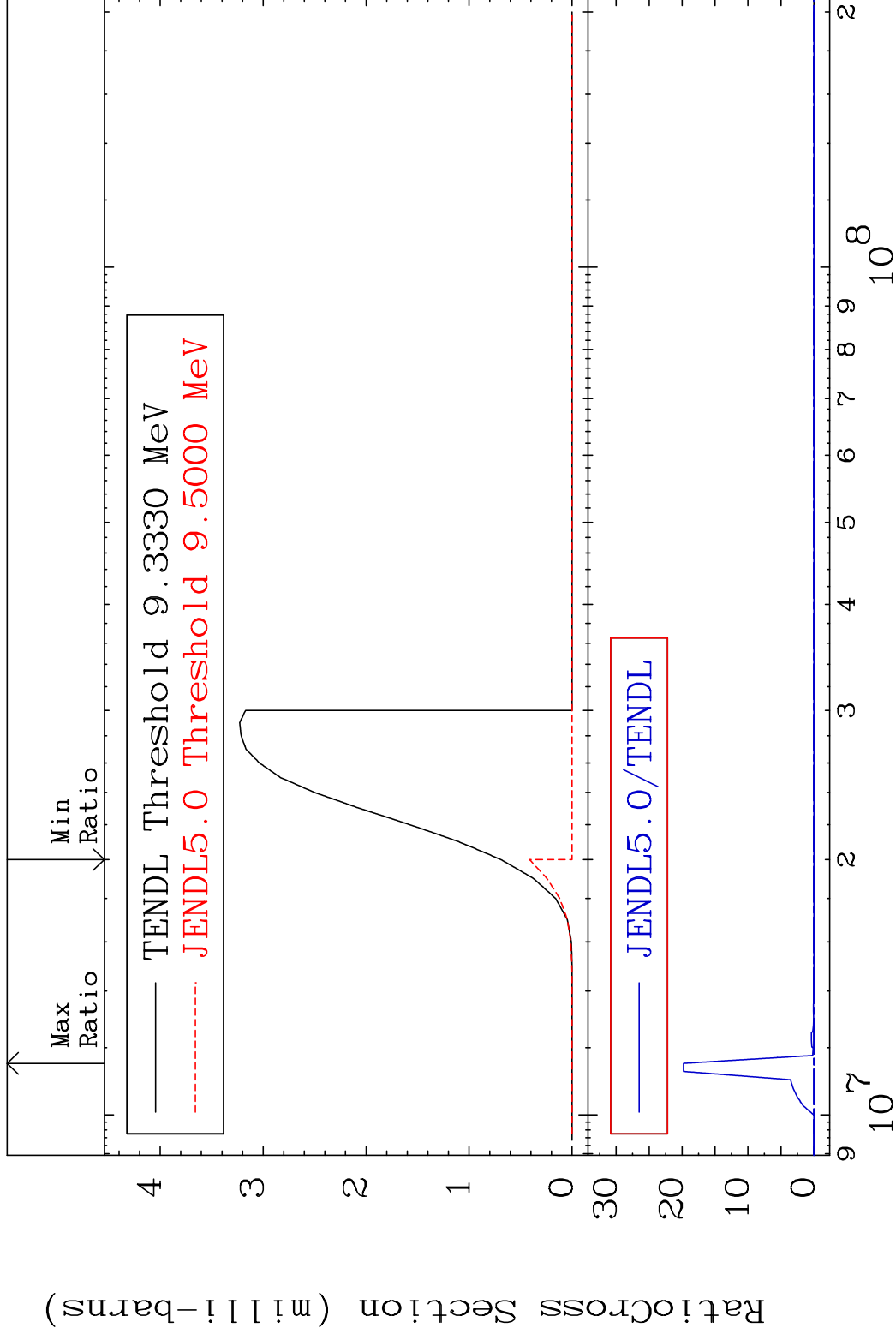
24 Incident Energy (eV) 54-Xe-136

MAT 5461

(n, t)

54-Xe-136

Cross Section -100.0 To 9999. %



25

54-Xe-136

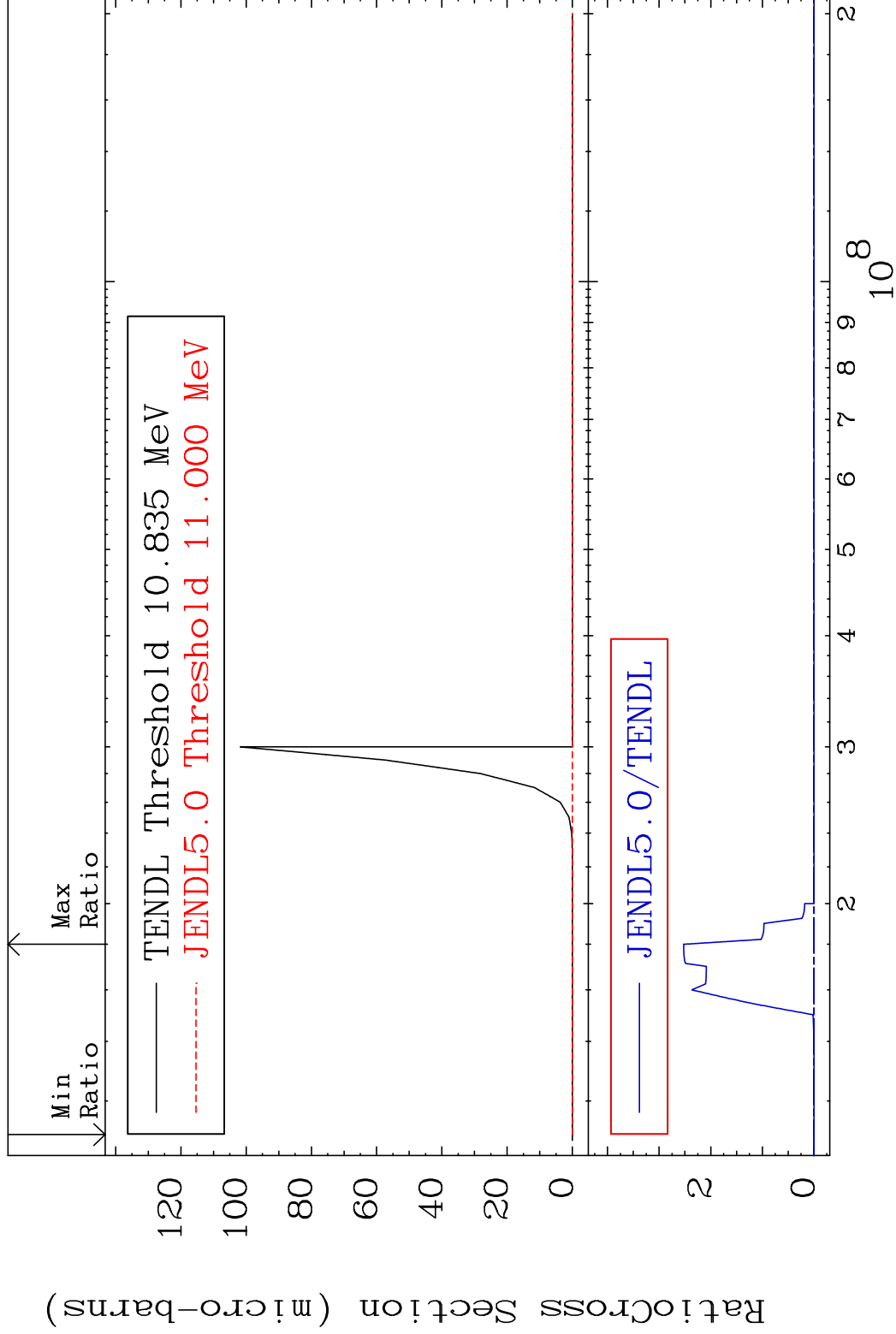
54-Xe-136

MAT 5461

(n, He-3)

54-Xe-136

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

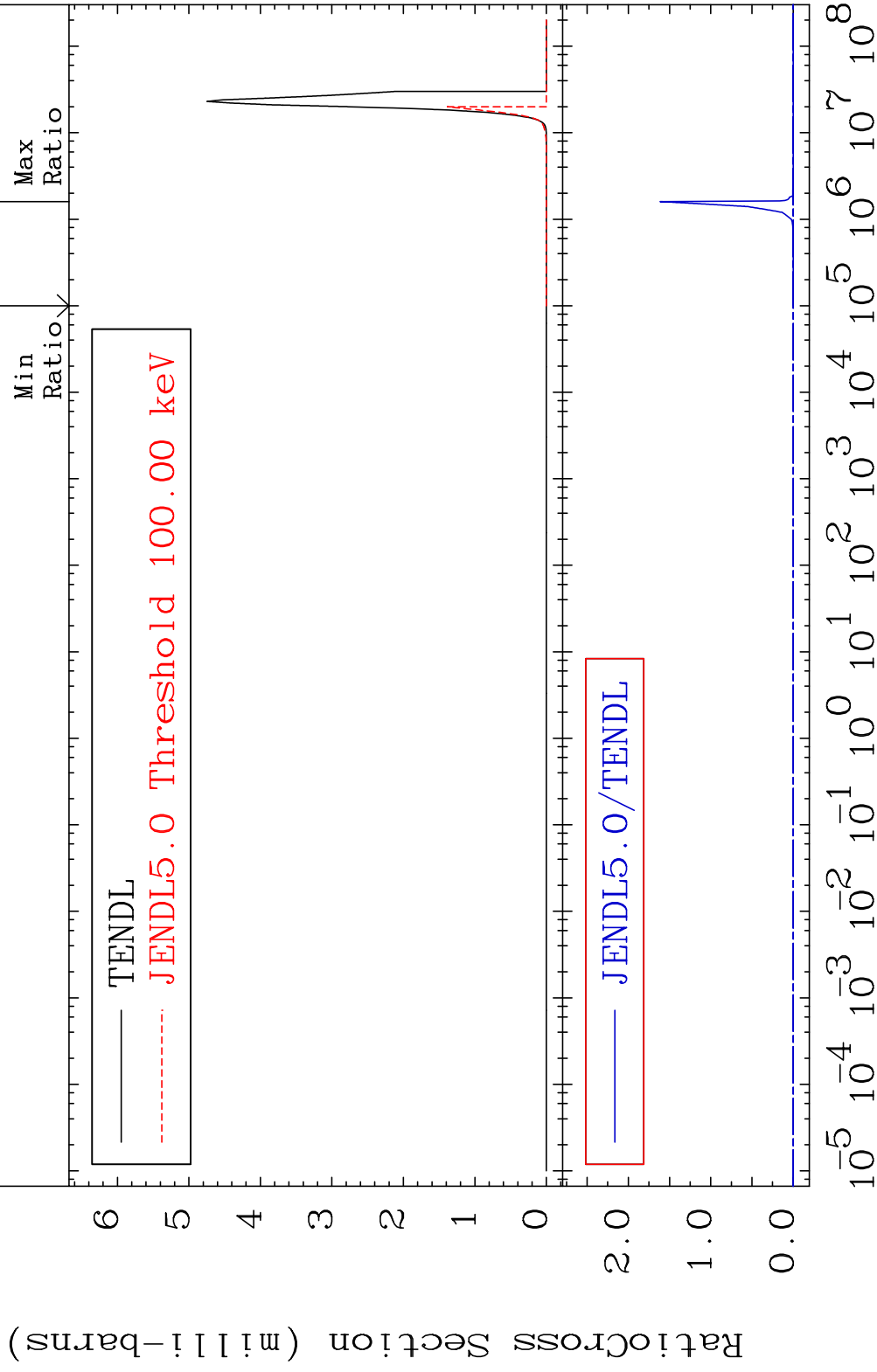
54-Xe-136

MAT 5461

(n,  $\alpha$ )

54-Xe-136

Cross Section -100.0 To 9999. %

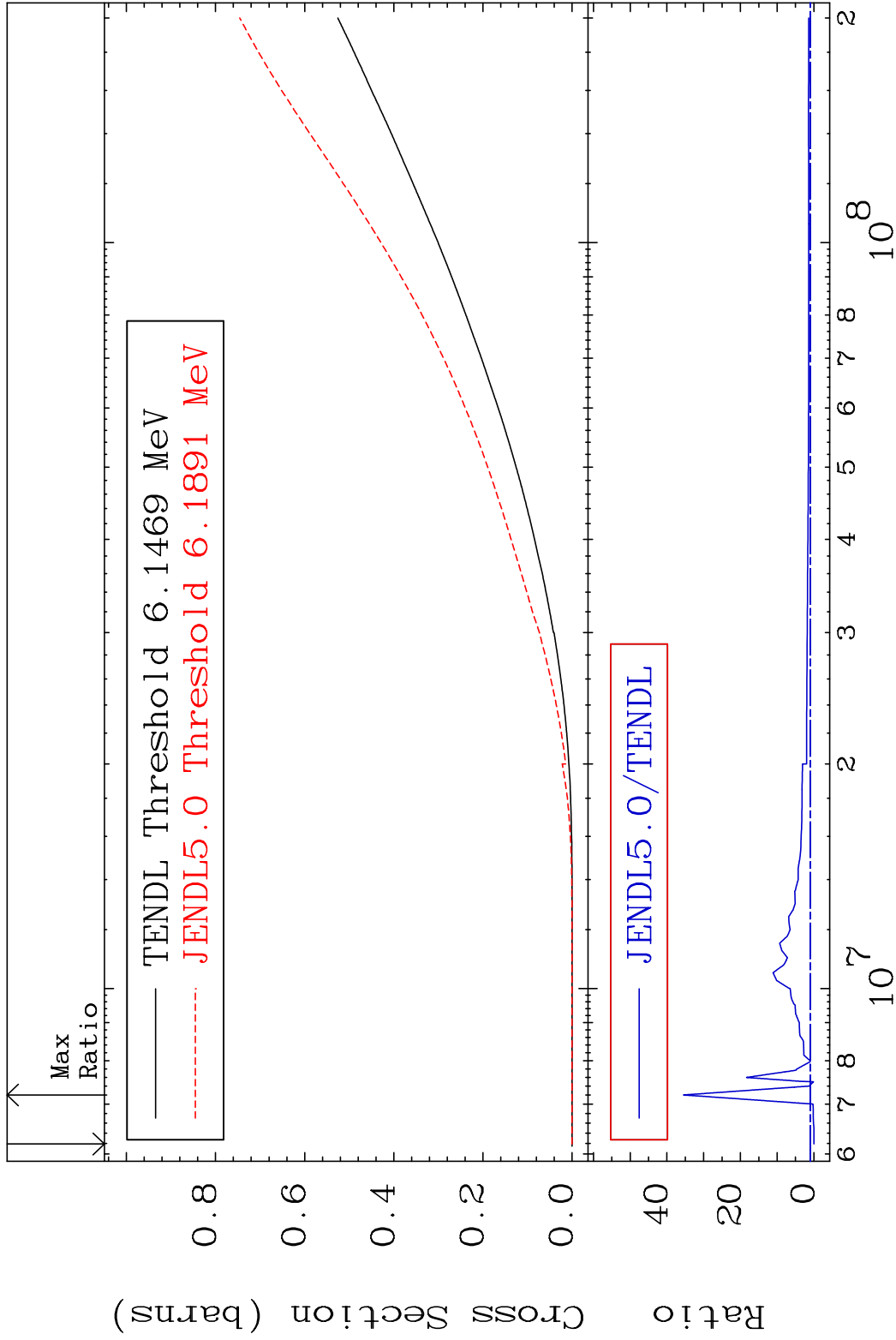


27

Incident Energy (eV)

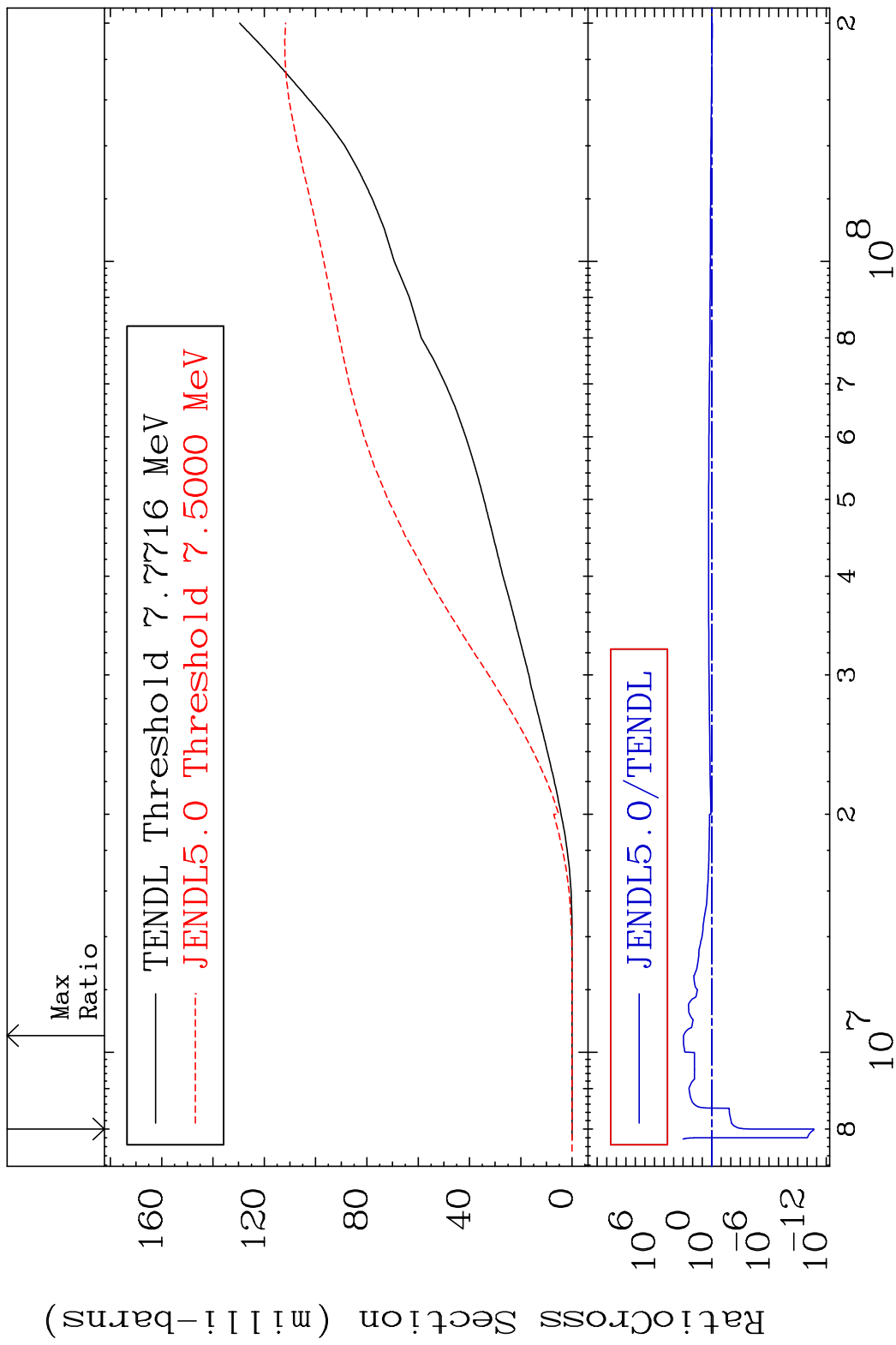
54-Xe-136

MAT 5461 Hydrogen Production 54-Xe-136  
 Cross Section -100.0 To 3449. %

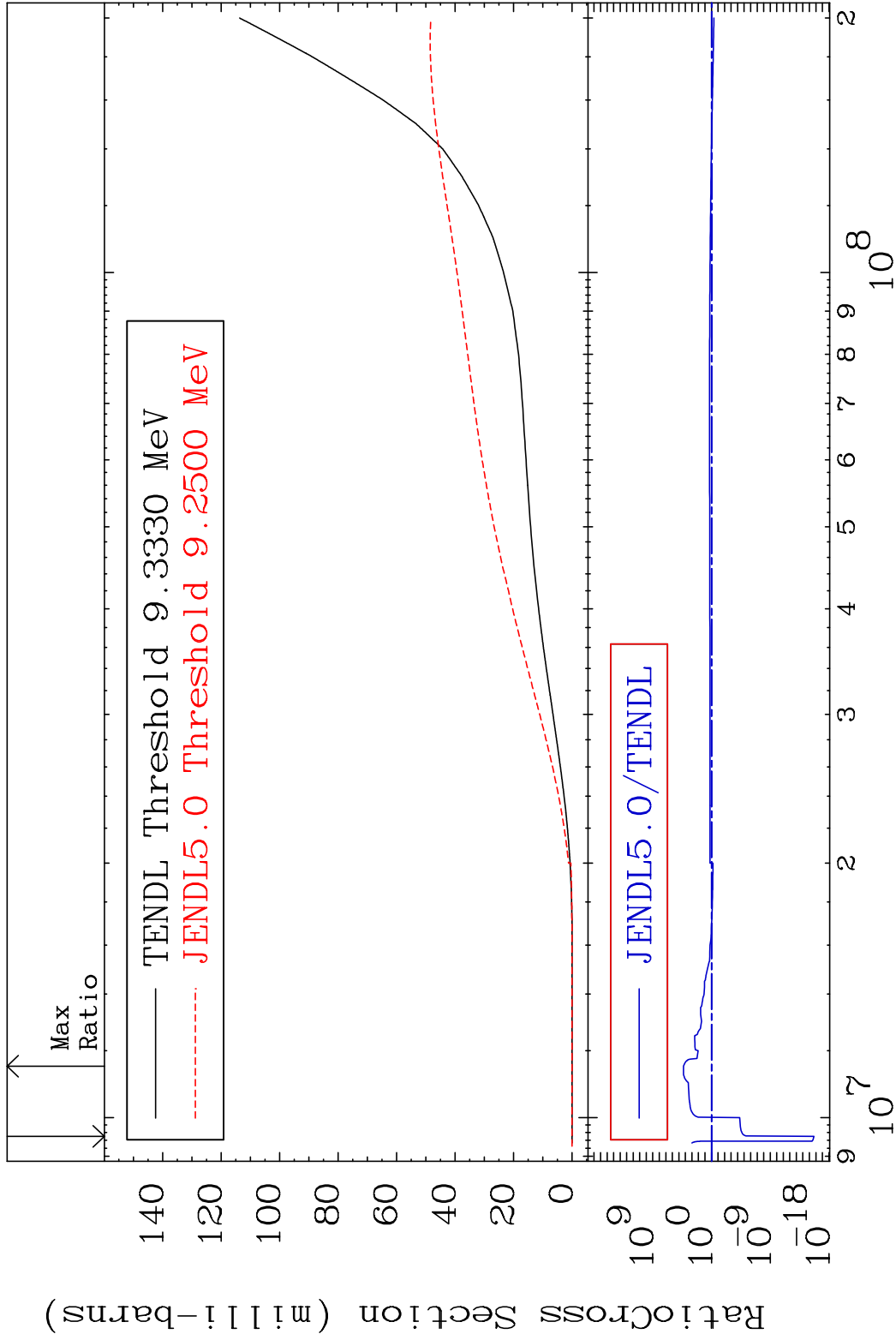


28 Incident Energy (eV) 54-Xe-136

MAT 5461 Deuterium Production 54-Xe-136  
 Cross Section -100.0 To 9999. %



MAT 5461 Tritium Production 54-Xe-136  
 Cross Section -100.0 To 9999. %



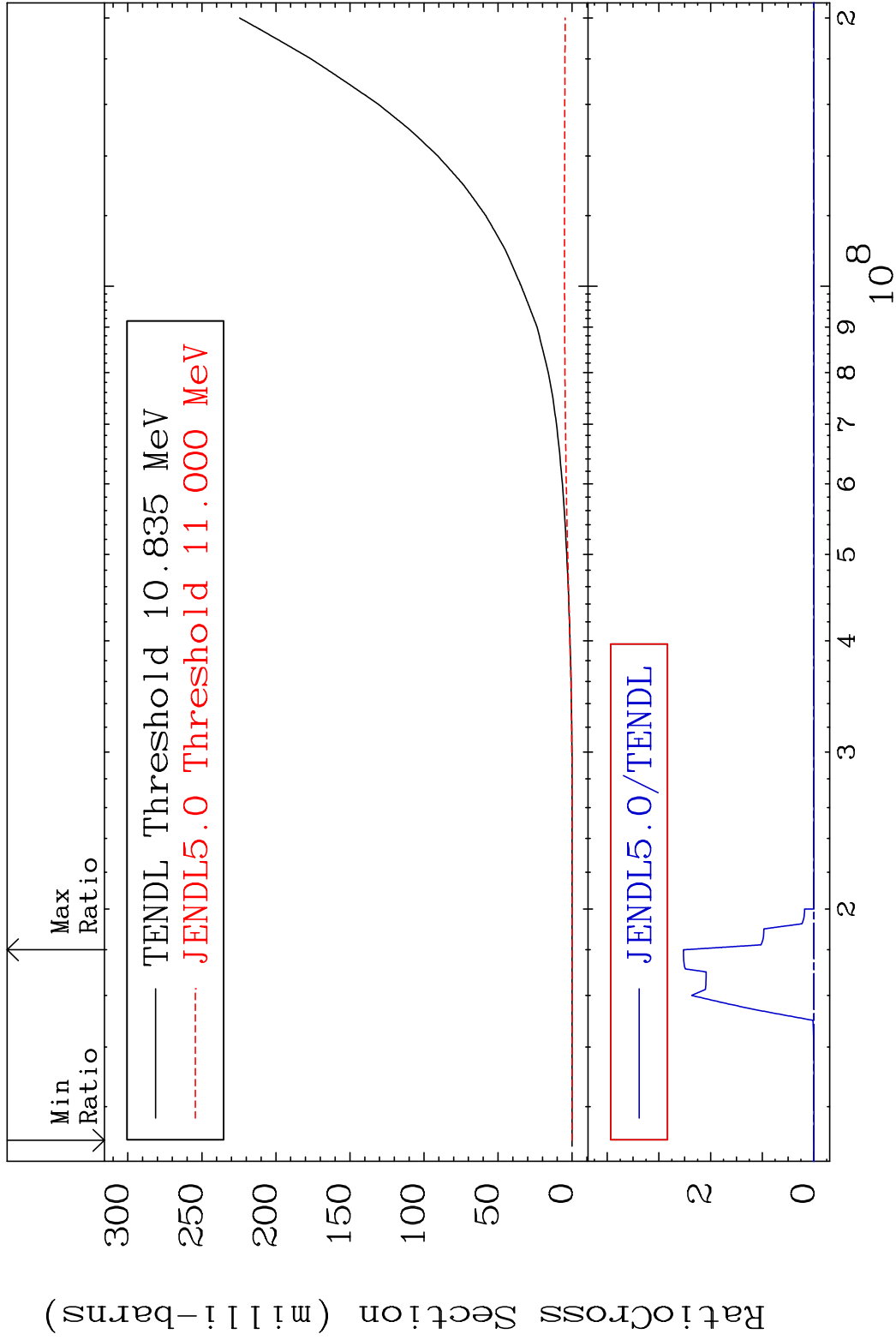
30 Incident Energy (eV) 54-Xe-136

MAT 5461

He-3 Production

54-Xe-136

Cross Section -100.0 To 9999. %

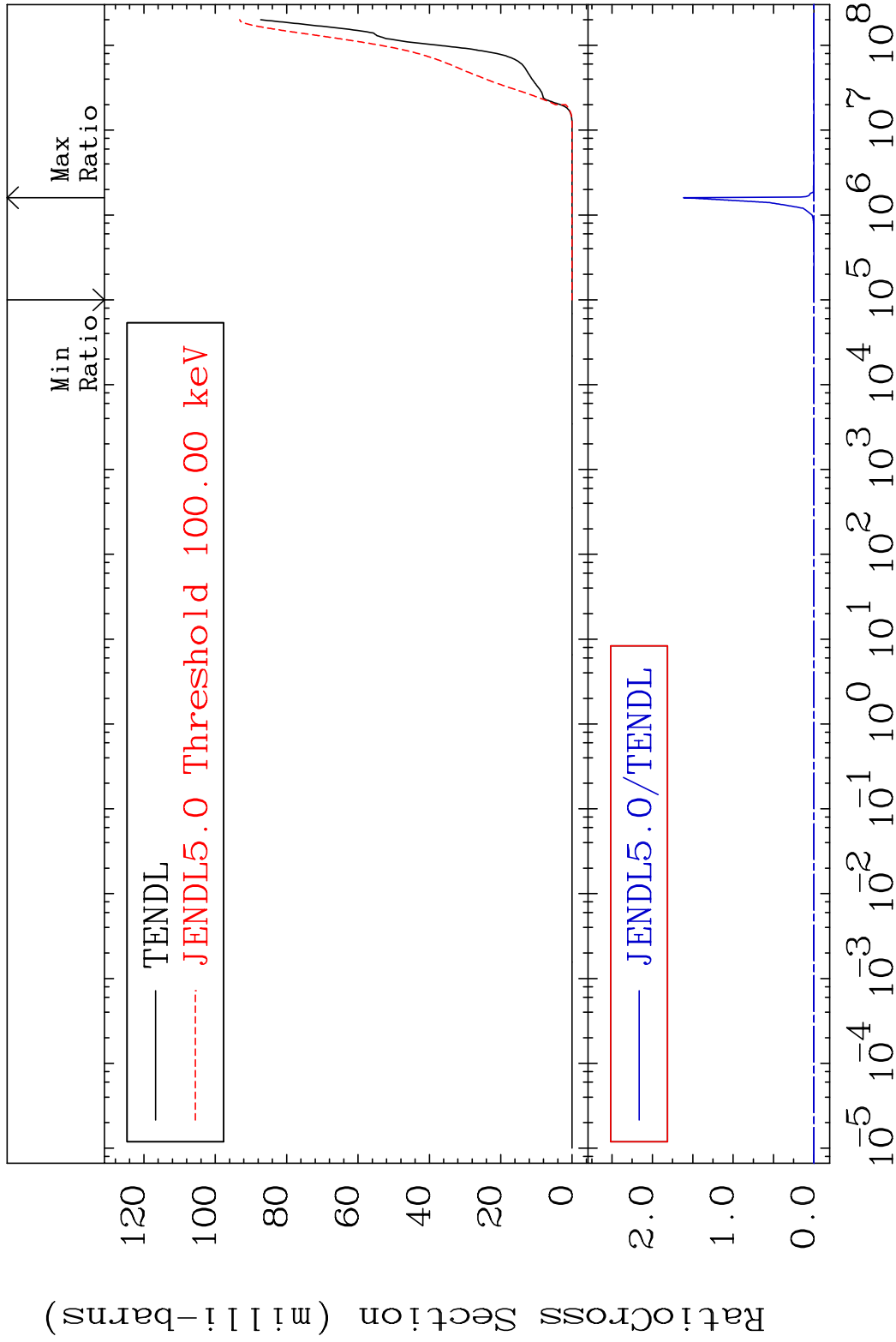


MAT 5461

He-4 Production

54-Xe-136

Cross Section -100.0 To 9999. %

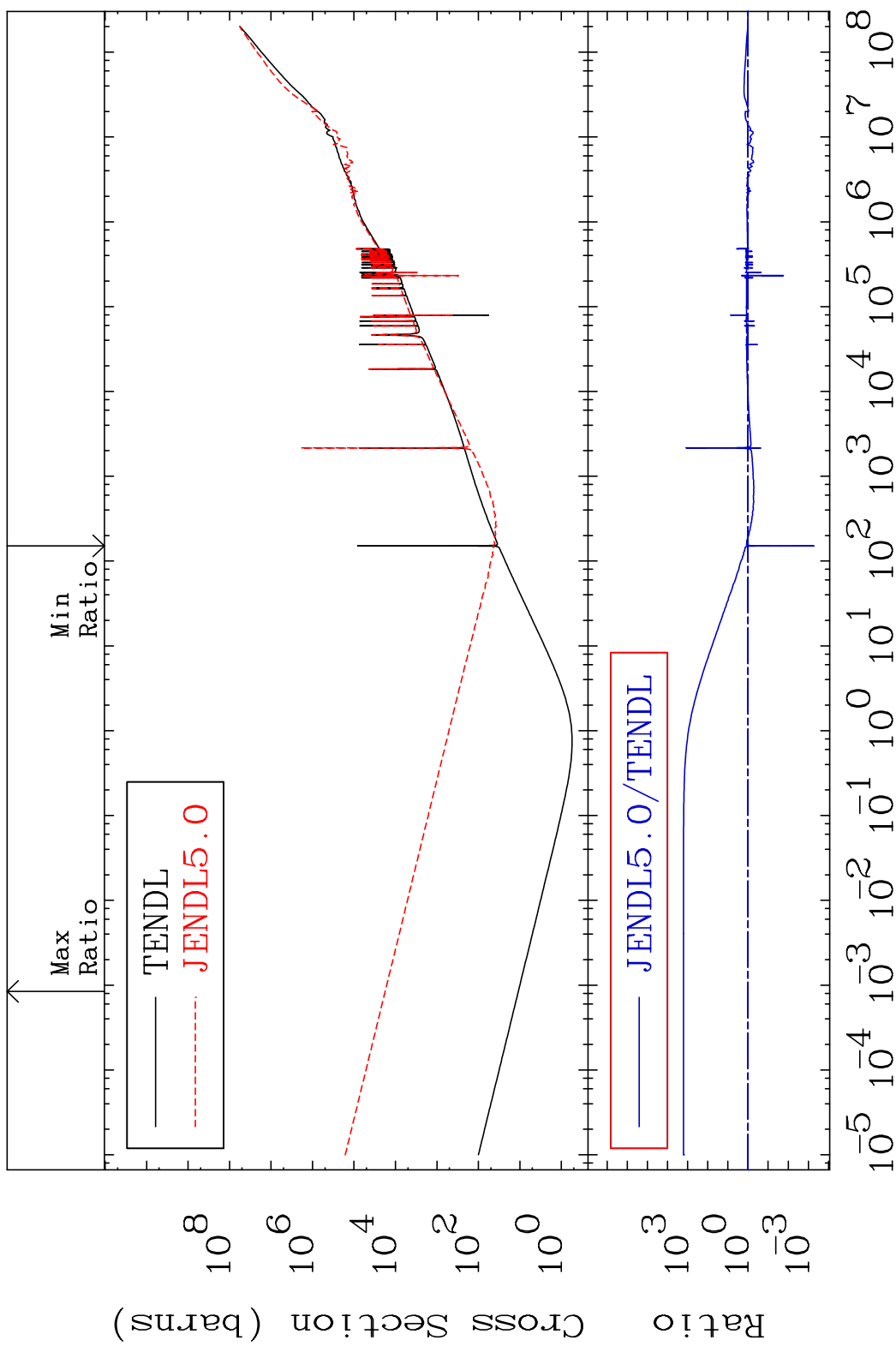


32

Incident Energy (eV)

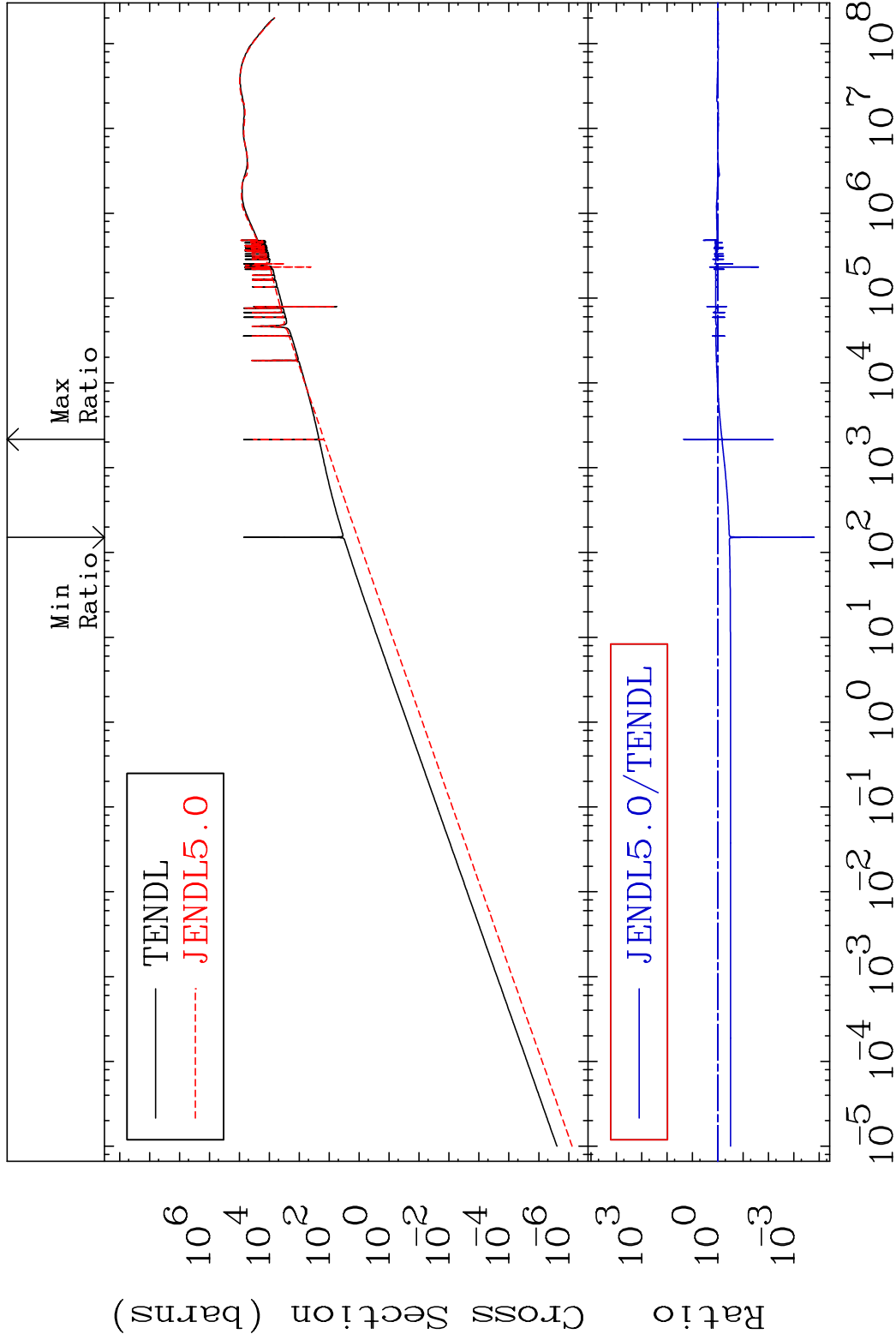
54-Xe-136

MAT 5461 Kerma total (eV-barns) 54-Xe-136  
 Cross Section -99.95 To 9999. %



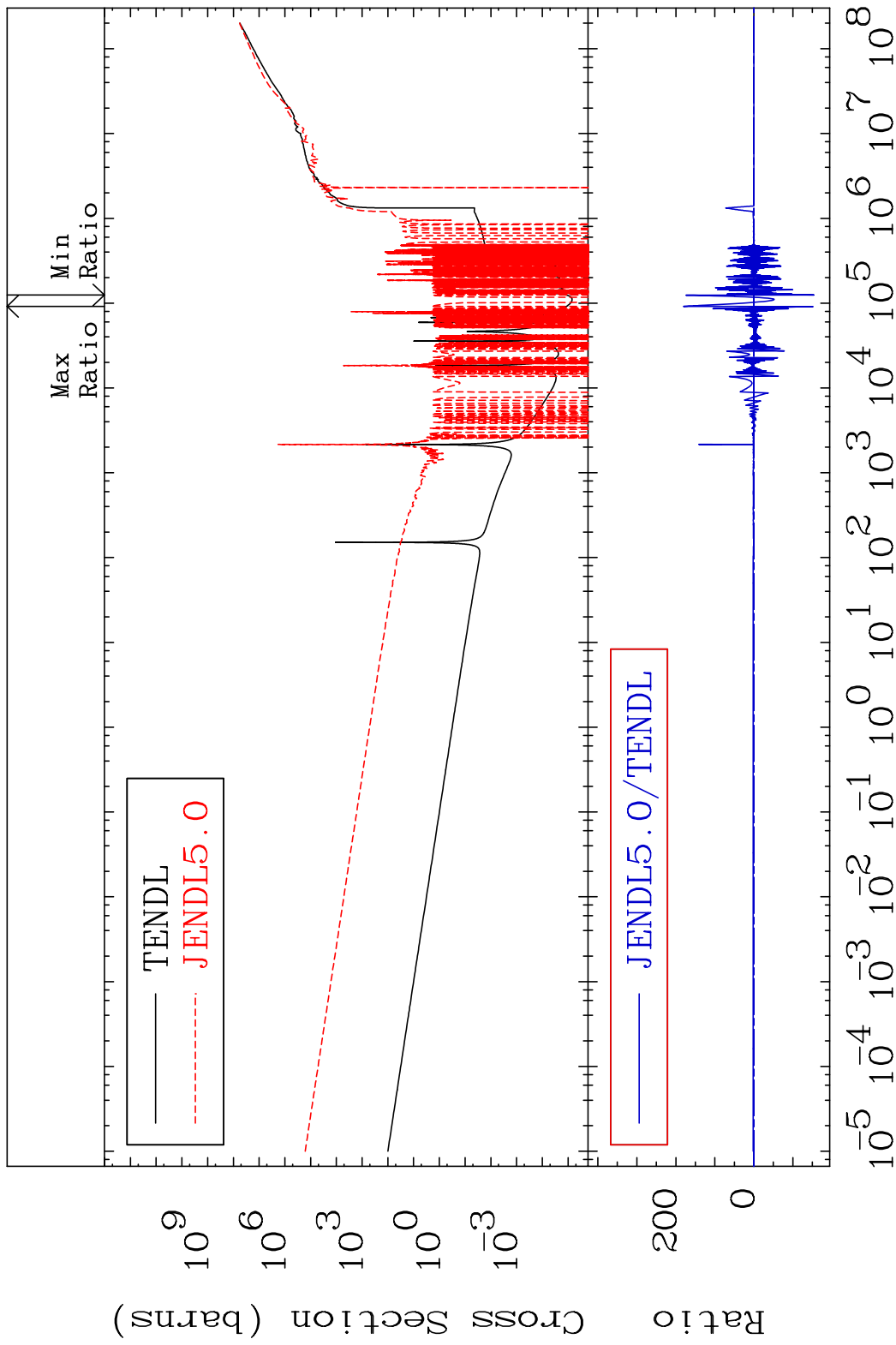
33 Incident Energy (eV) 54-Xe-136

MAT 5461      Kerma elastic      54-Xe-136  
 Cross Section      -99.98 To 2134. %

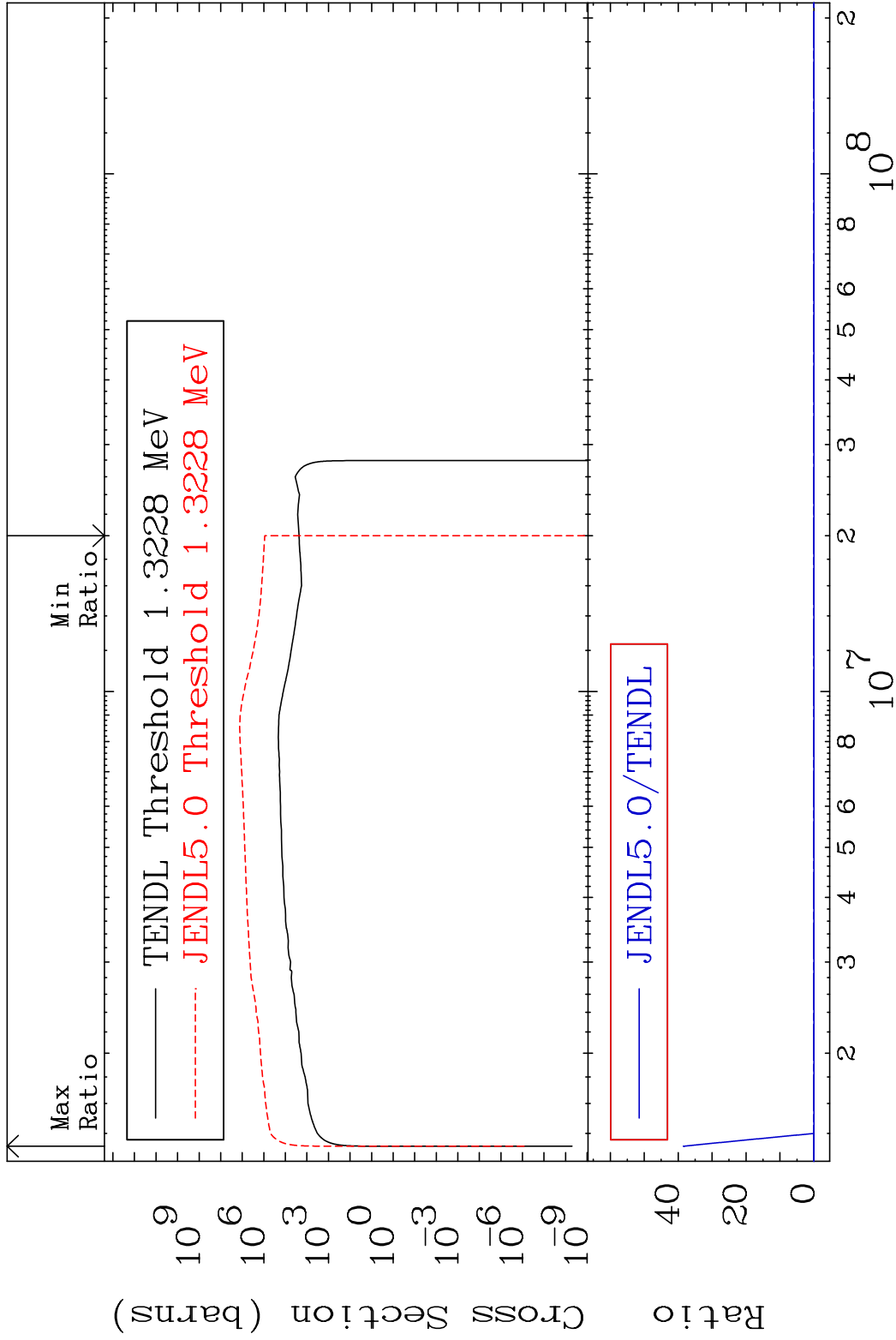


34      Incident Energy (eV)      54-Xe-136

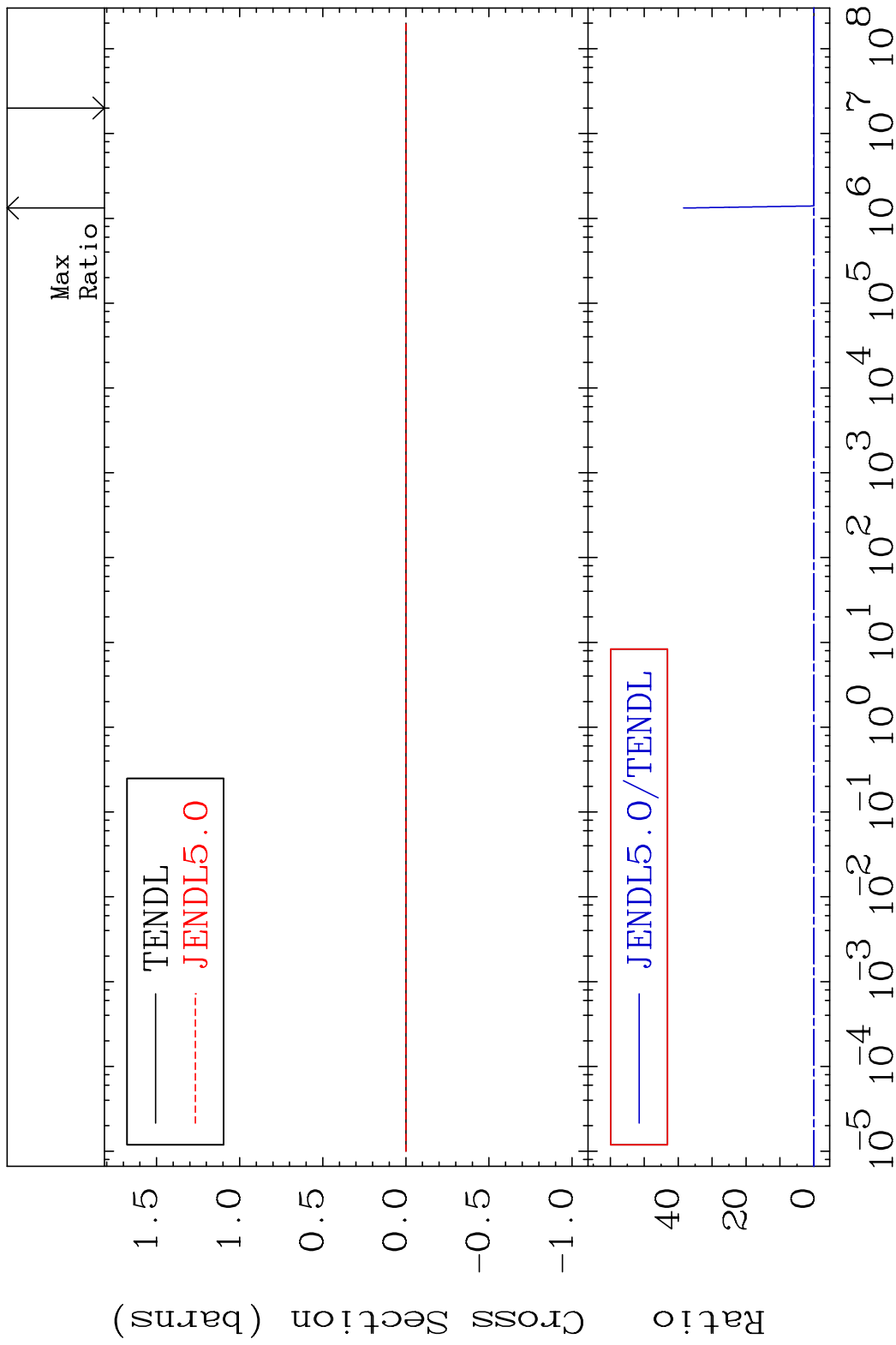
MAT 5461 Kerma non-elastic (all but mt2) 54-Xe-136  
 Cross Section -9999. To 9999. %



MAT 5461 Kerma inelastic (mt51-91) 54-Xe-136  
 Cross Section -100.0 To 9999. %

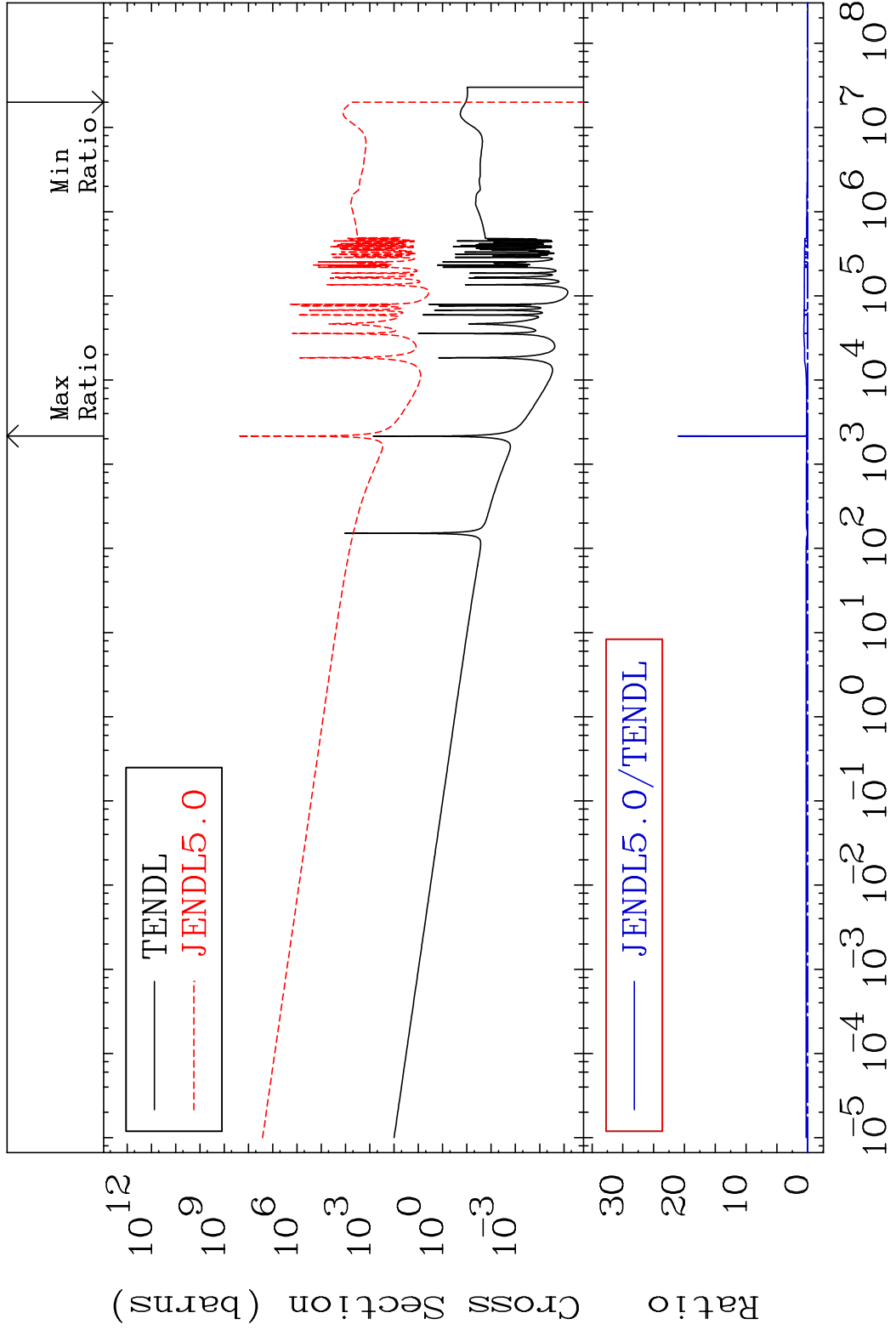


MAT 5461 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-136  
 Cross Section -100.0 To 9999. %



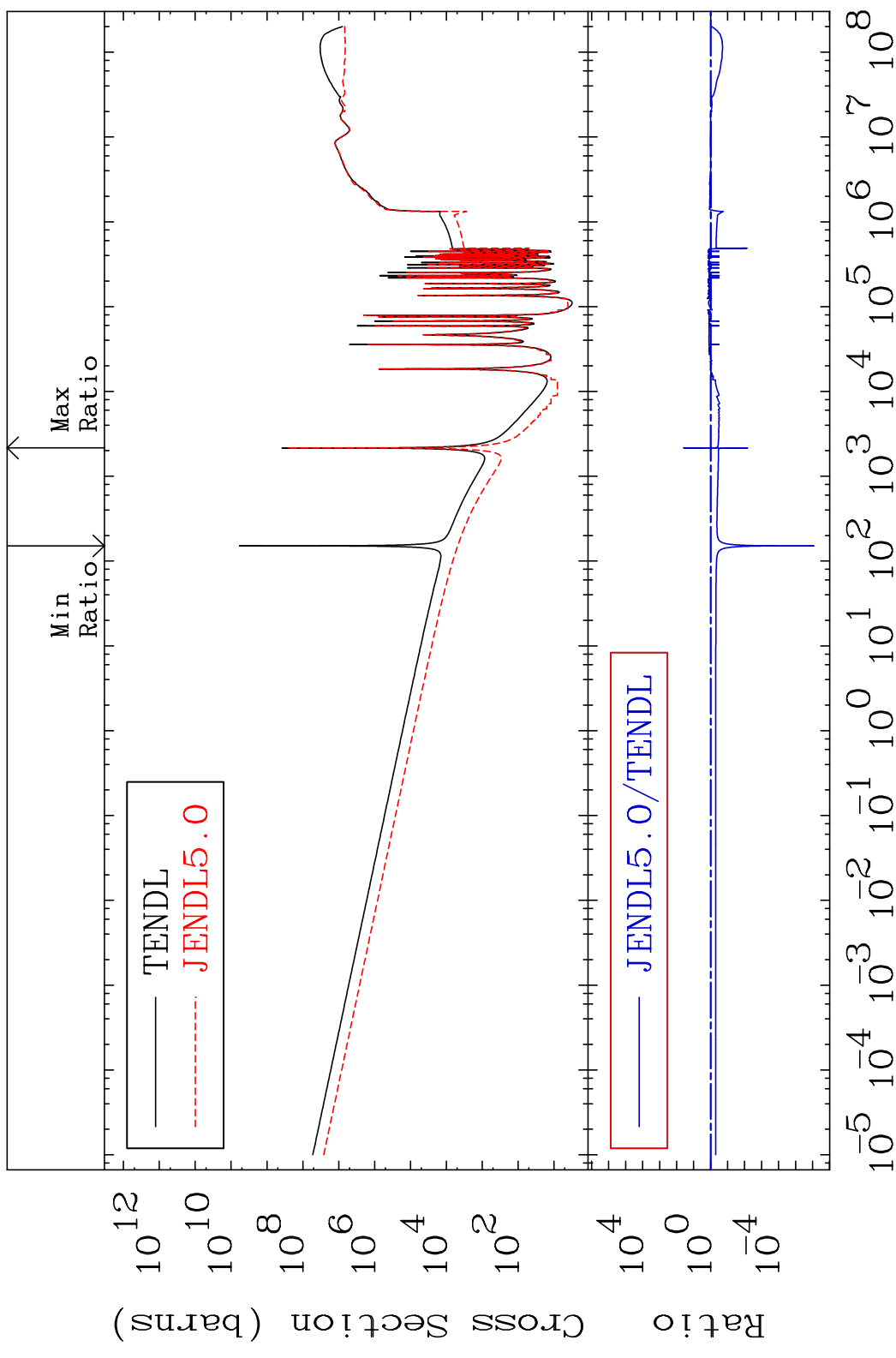
37 Incident Energy (eV) 54-Xe-136

MAT 5461 Kerma capture (mt102) 54-Xe-136  
 Cross Section -100.0 To 9999. %

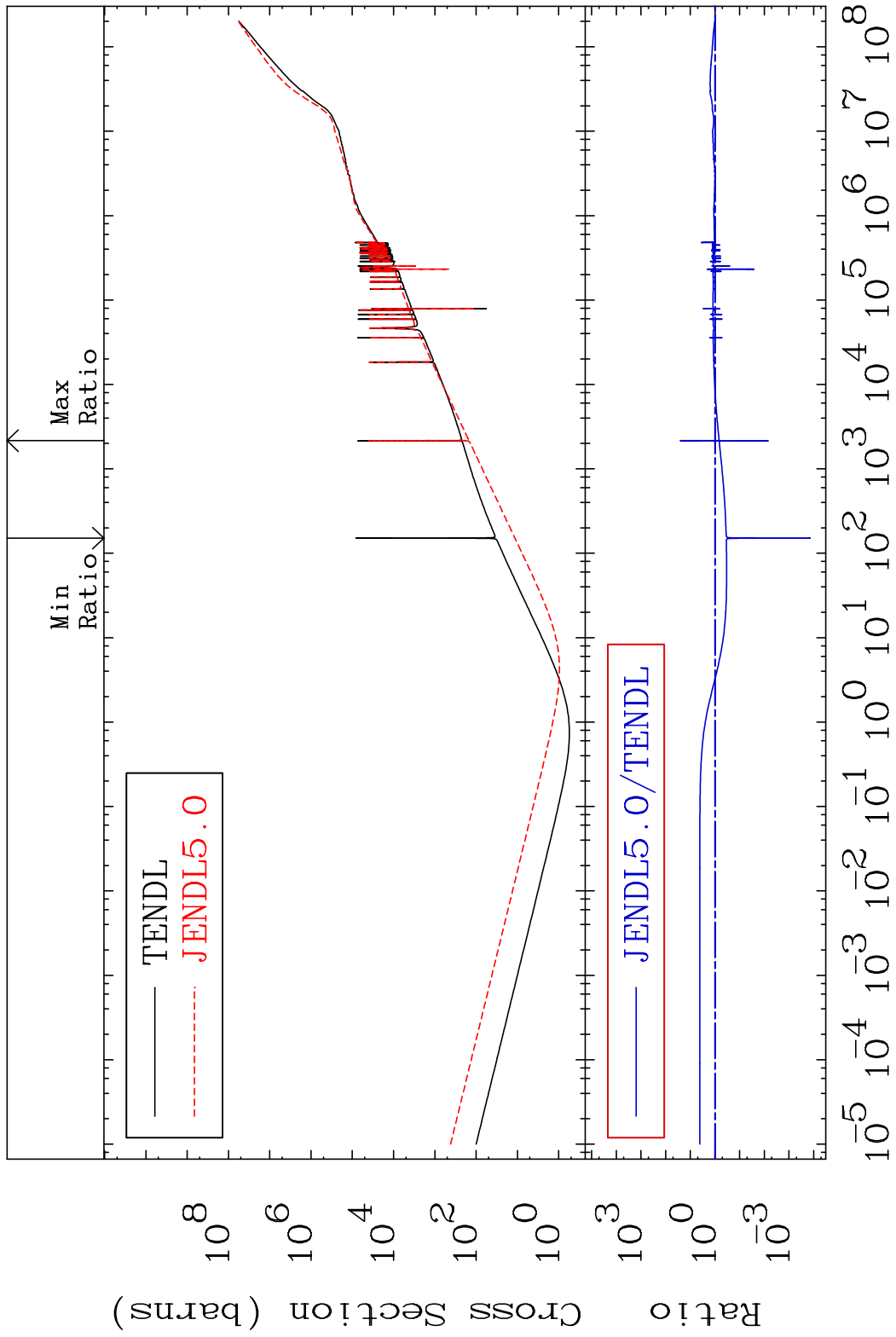


38 Incident Energy (eV) 54-Xe-136

MAT 5461 Total photon (eV-barns) 54-Xe-136  
 Cross Section -100.0 To 3859. %

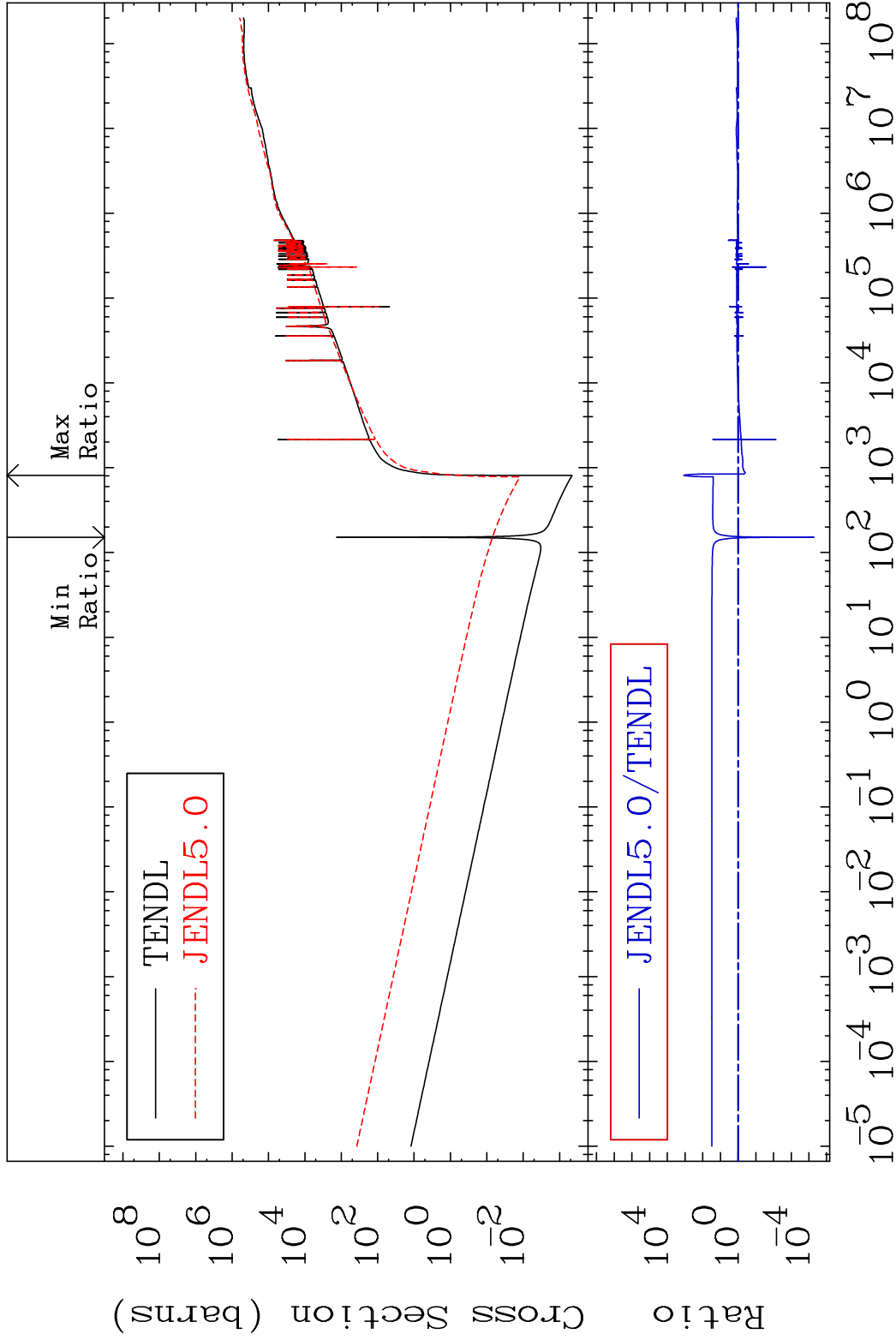


MAT 5461 Total kinematic kerma (high limit) 54-Xe-136  
 Cross Section -99.99 To 2467. %



40 Incident Energy (eV) 54-Xe-136

MAT 5461 Dpa total (eV-barns) 54-Xe-136  
 Cross Section -99.99 To 9999. %



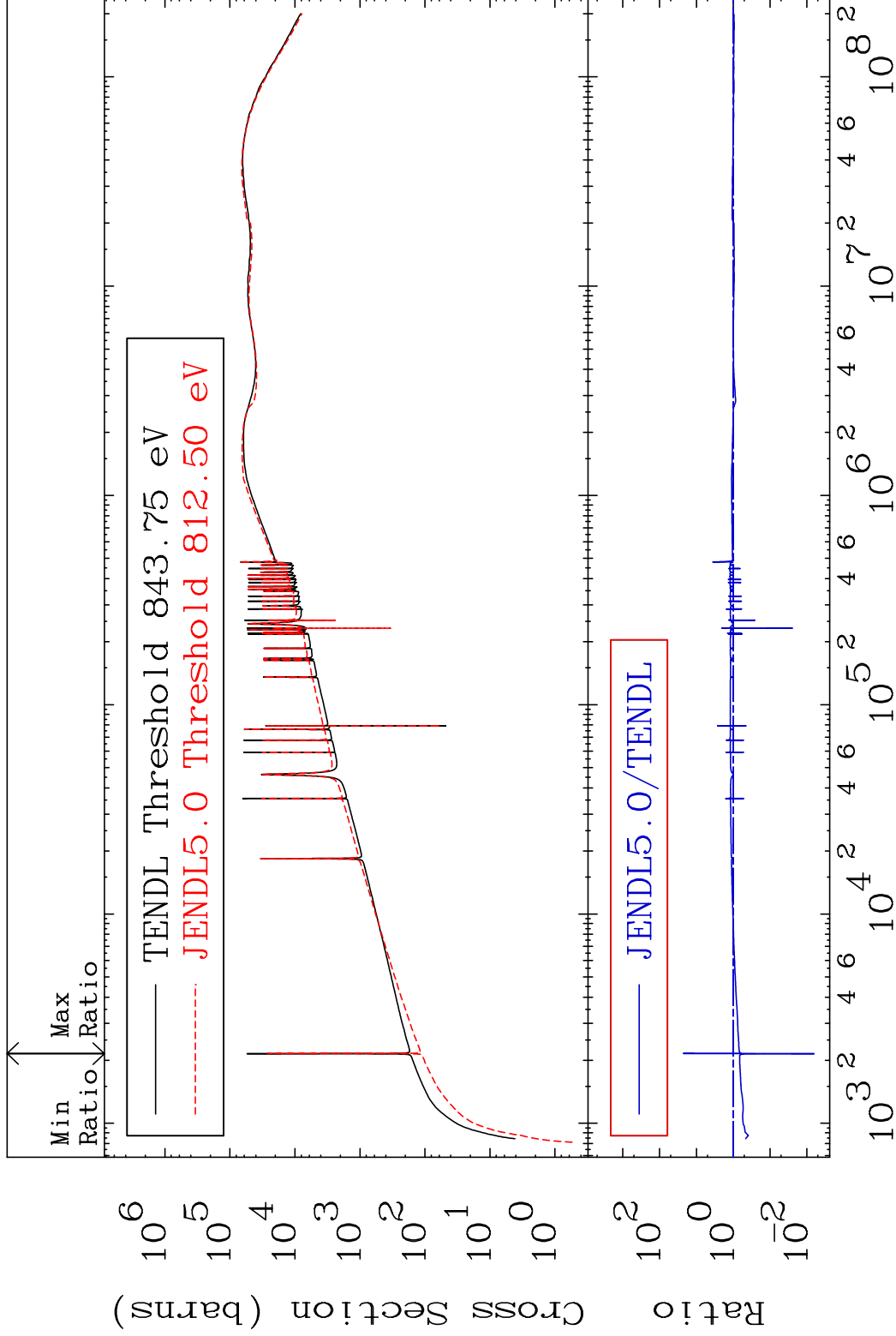
41 Incident Energy (eV) 54-Xe-136

MAT 5461

Dpa elastic (mt2)

54-Xe-136

Cross Section -99.36 To 2150. %

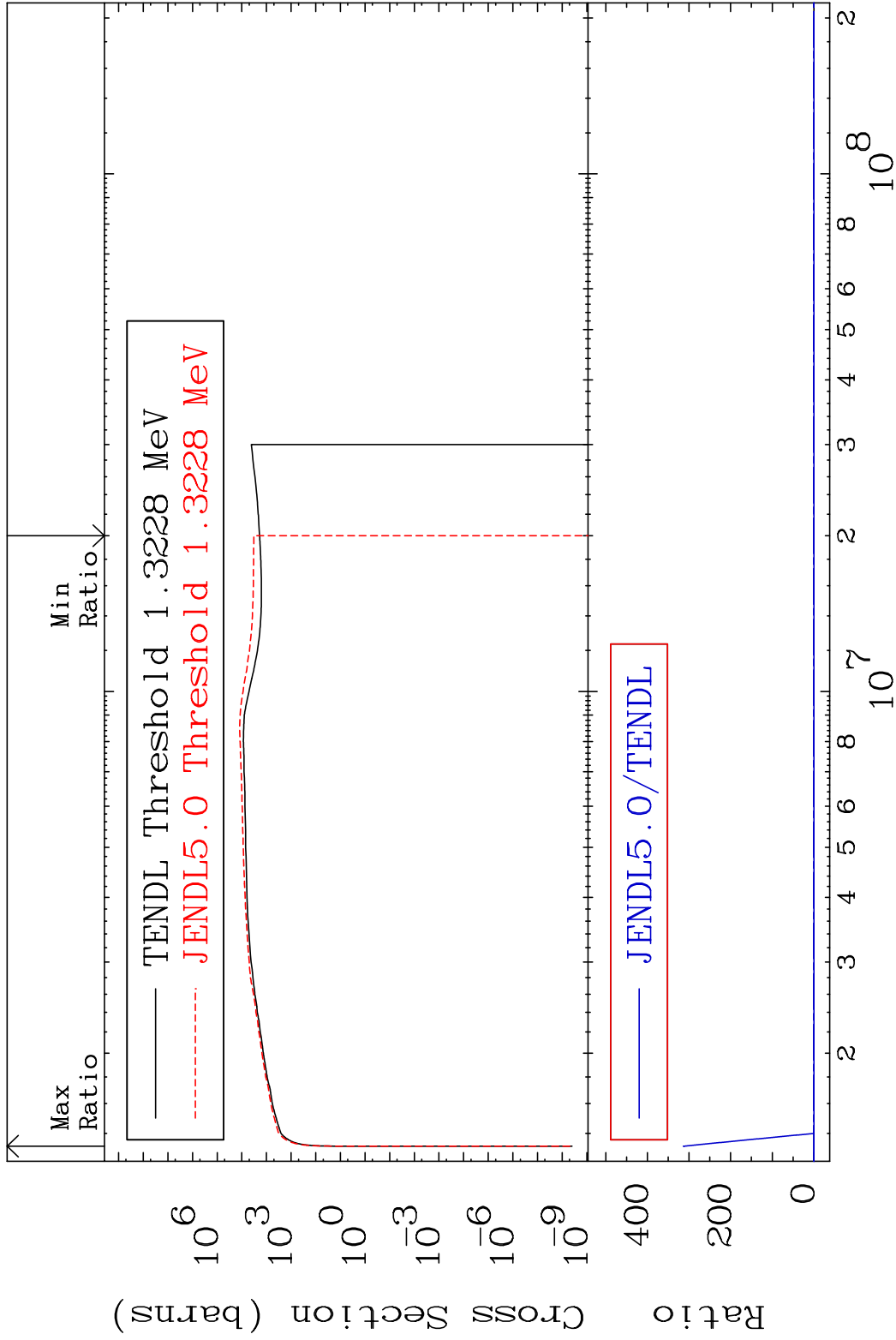


42

Incident Energy (eV)

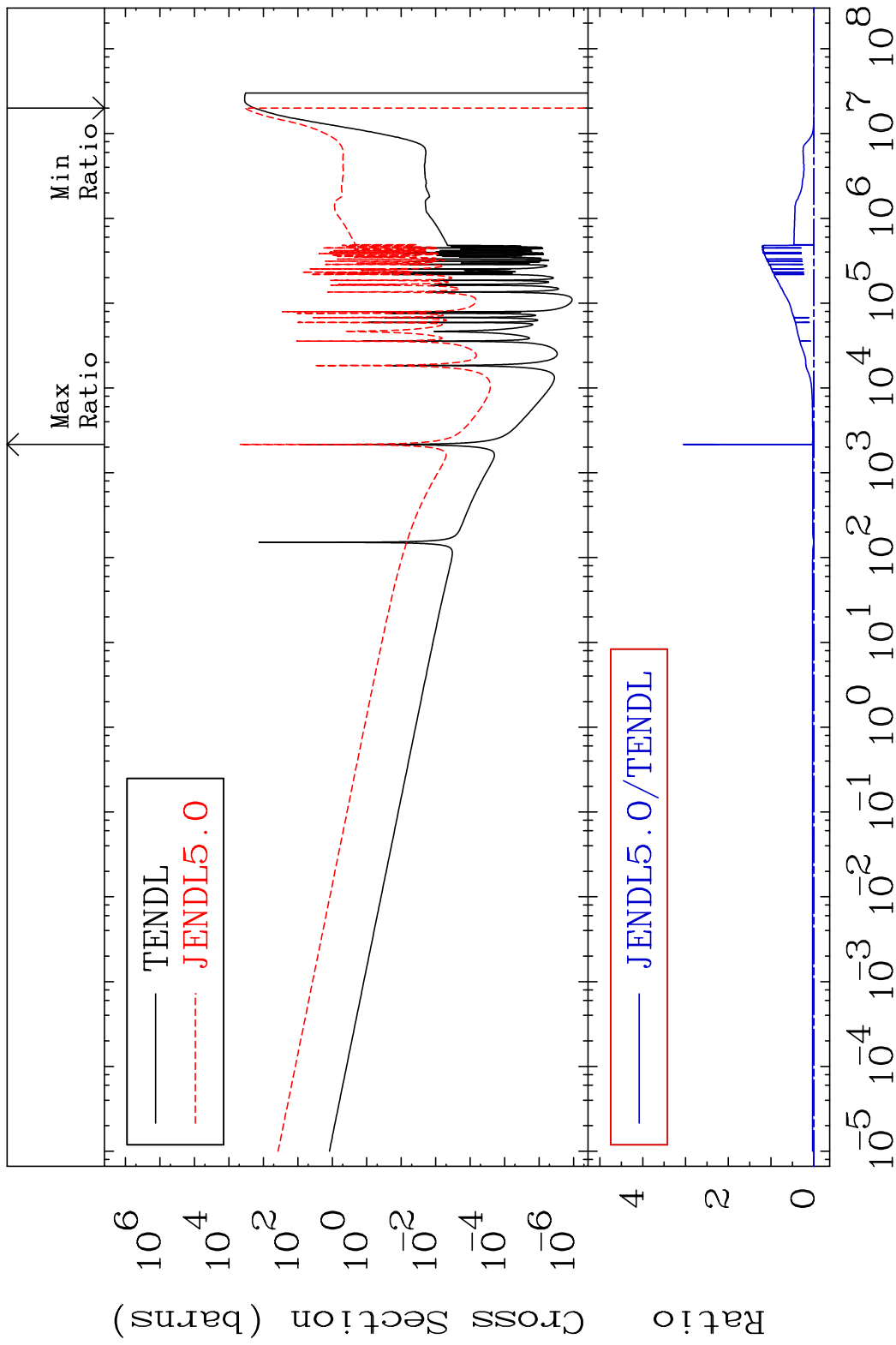
54-Xe-136

MAT 5461      Dpa inelastic (mt51-91)      54-Xe-136  
 Cross Section      -100.0 To 9999. %



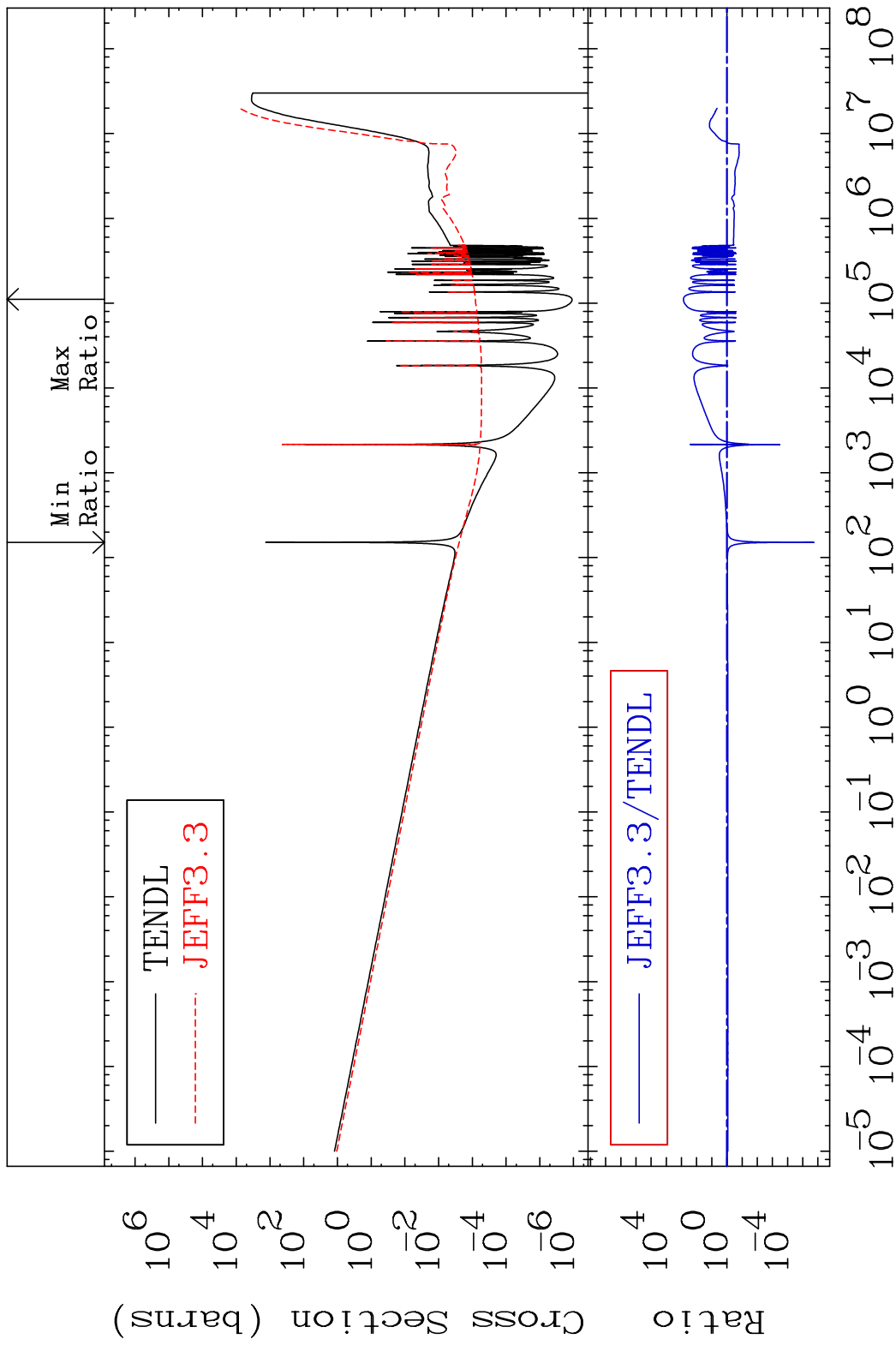
43      Incident Energy (eV)      54-Xe-136

MAT 5461 Dpa disappearance (mt102 -120) 54-Xe-136  
 Cross Section -100.0 To 9999. %



44 Incident Energy (eV) 54-Xe-136

MAT 5461 Dpa disappearance (mt102 -120) 54-Xe-136  
 Cross Section -100.0 To 9999. %



45 Incident Energy (eV) 54-Xe-136