

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

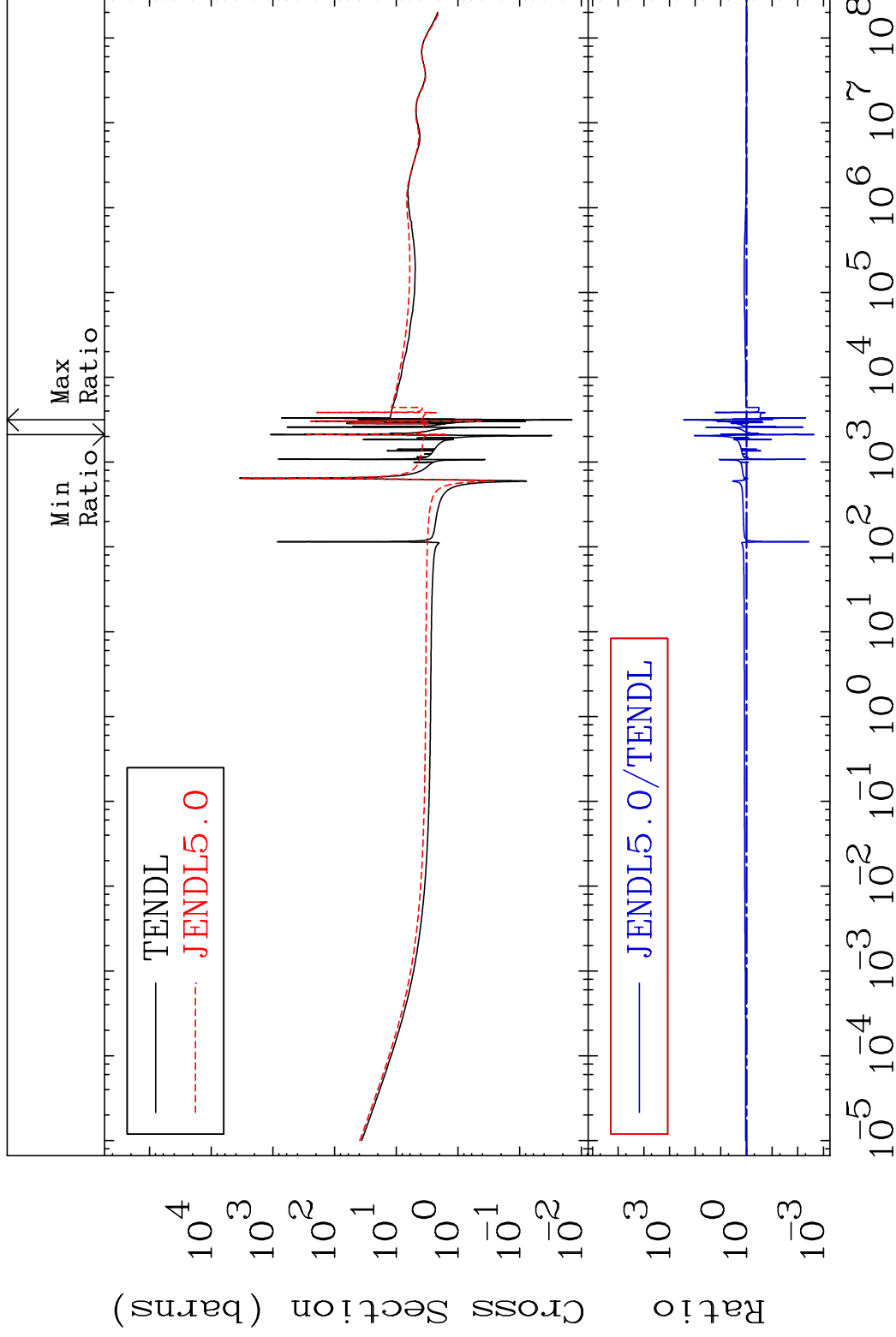
MAT 5449

Total

54-Xe-132

Cross Section

-99.77 To 9999. %



1

Incident Energy (eV)

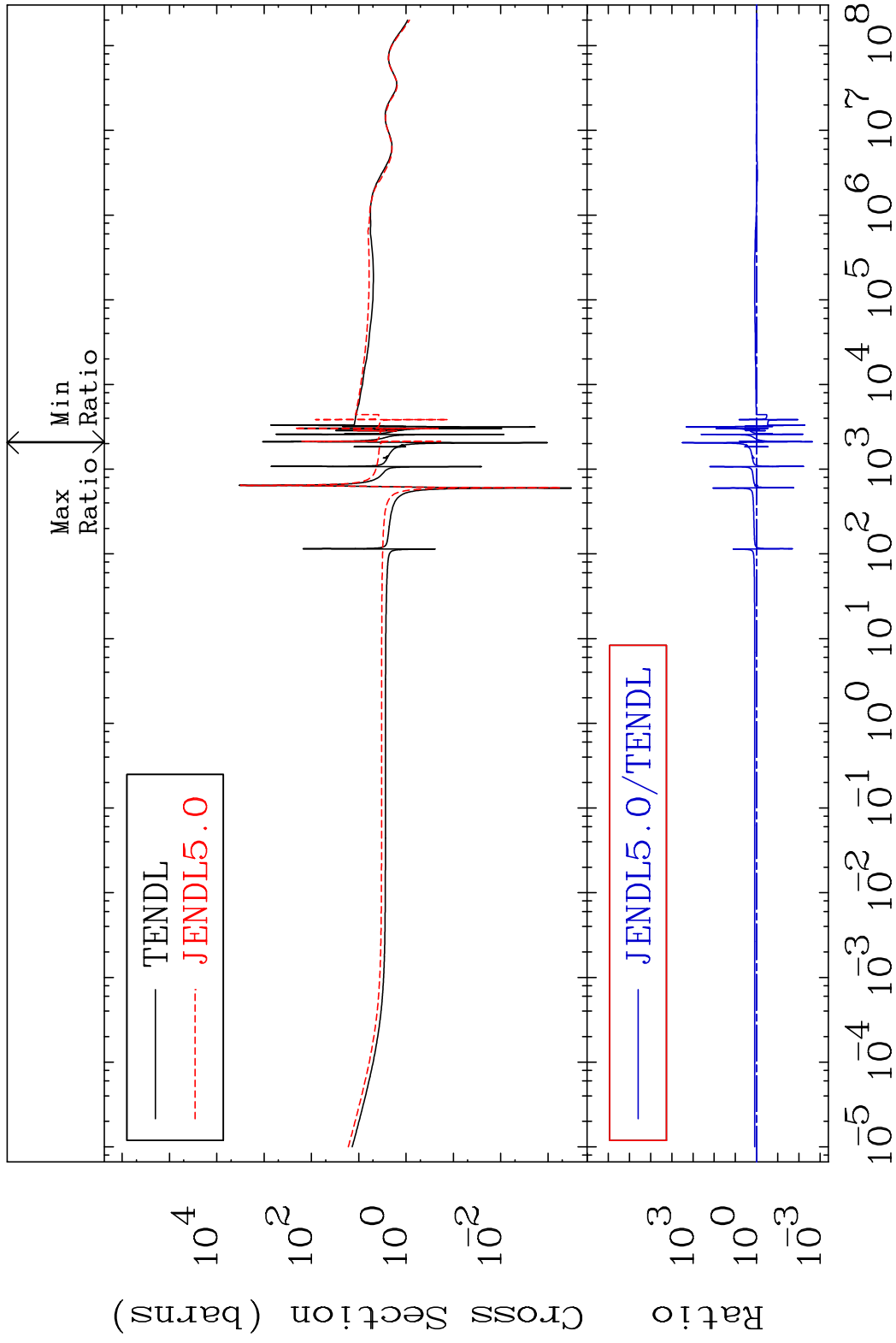
54-Xe-132

MAT 5449

Elastic

54-Xe-132

Cross Section -99.777 To 9999. %

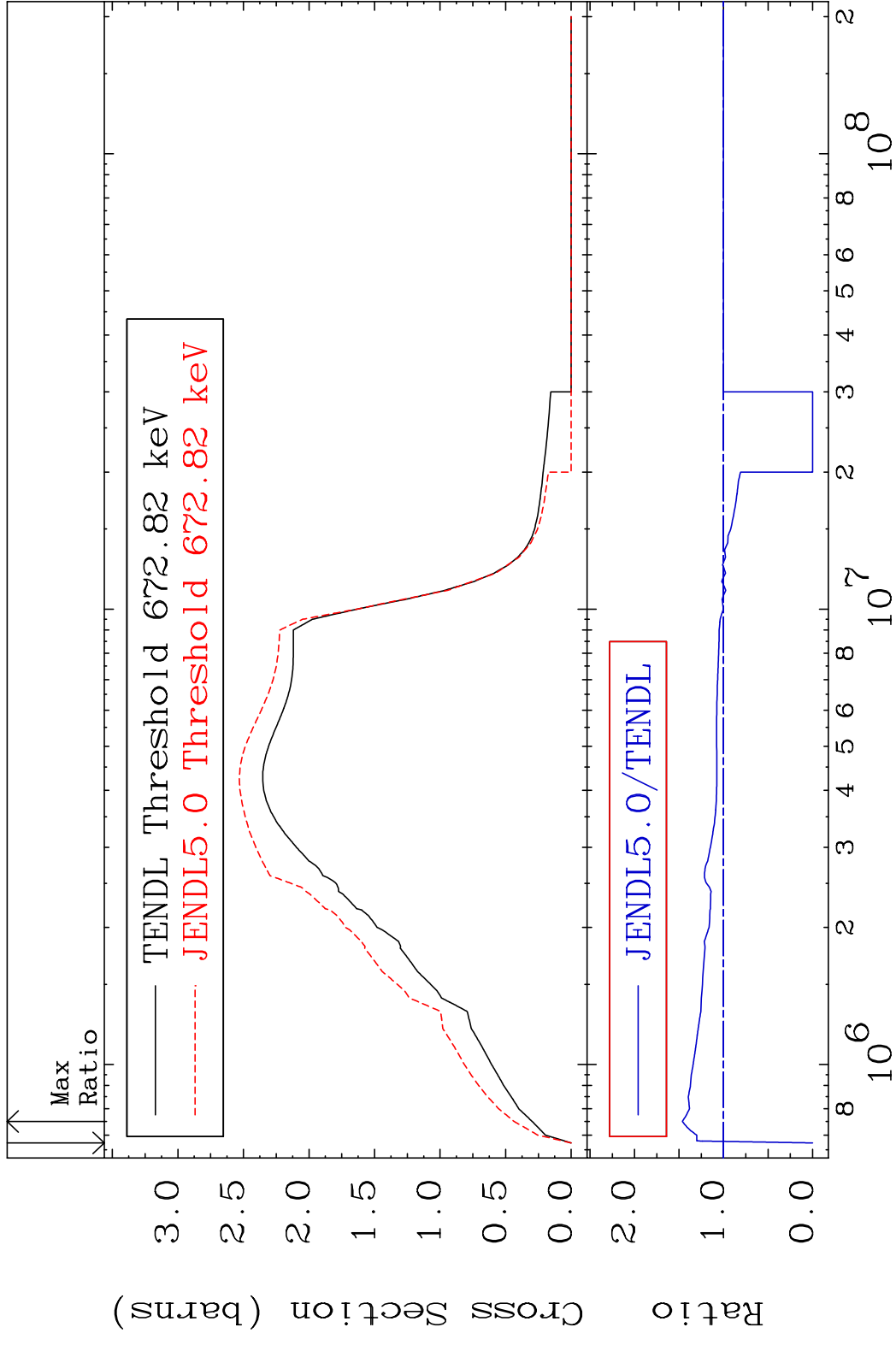


2

Incident Energy (eV)

54-Xe-132

MAT 5449 Inelastic 54-Xe-132  
 Cross Section -100.0 To 46.26 %



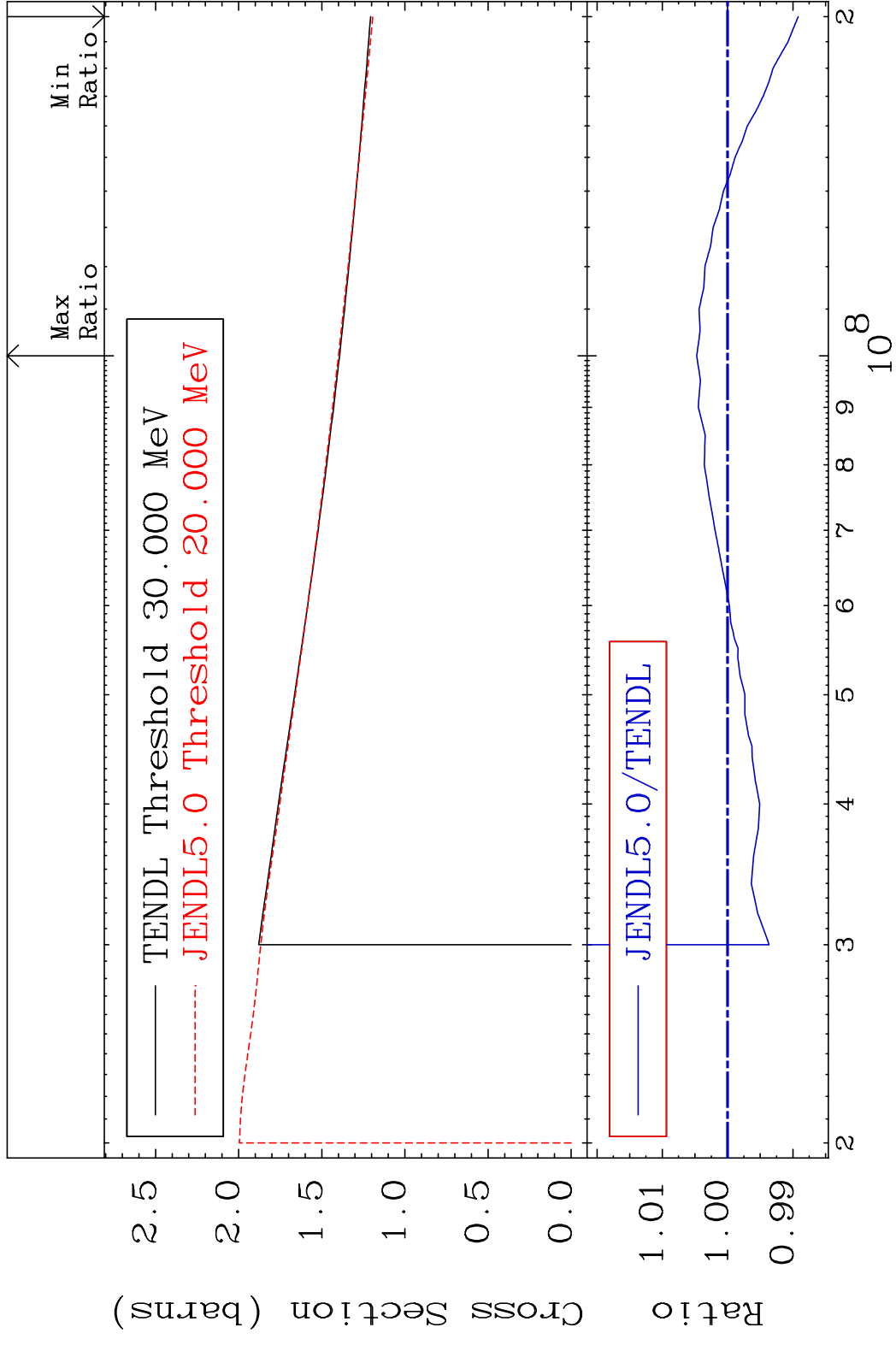
3 Incident Energy (eV) 54-Xe-132

MAT 5449

(n, remainder)

54-Xe-132

Cross Section -1.081 To 0.473 %



4

Incident Energy (eV)

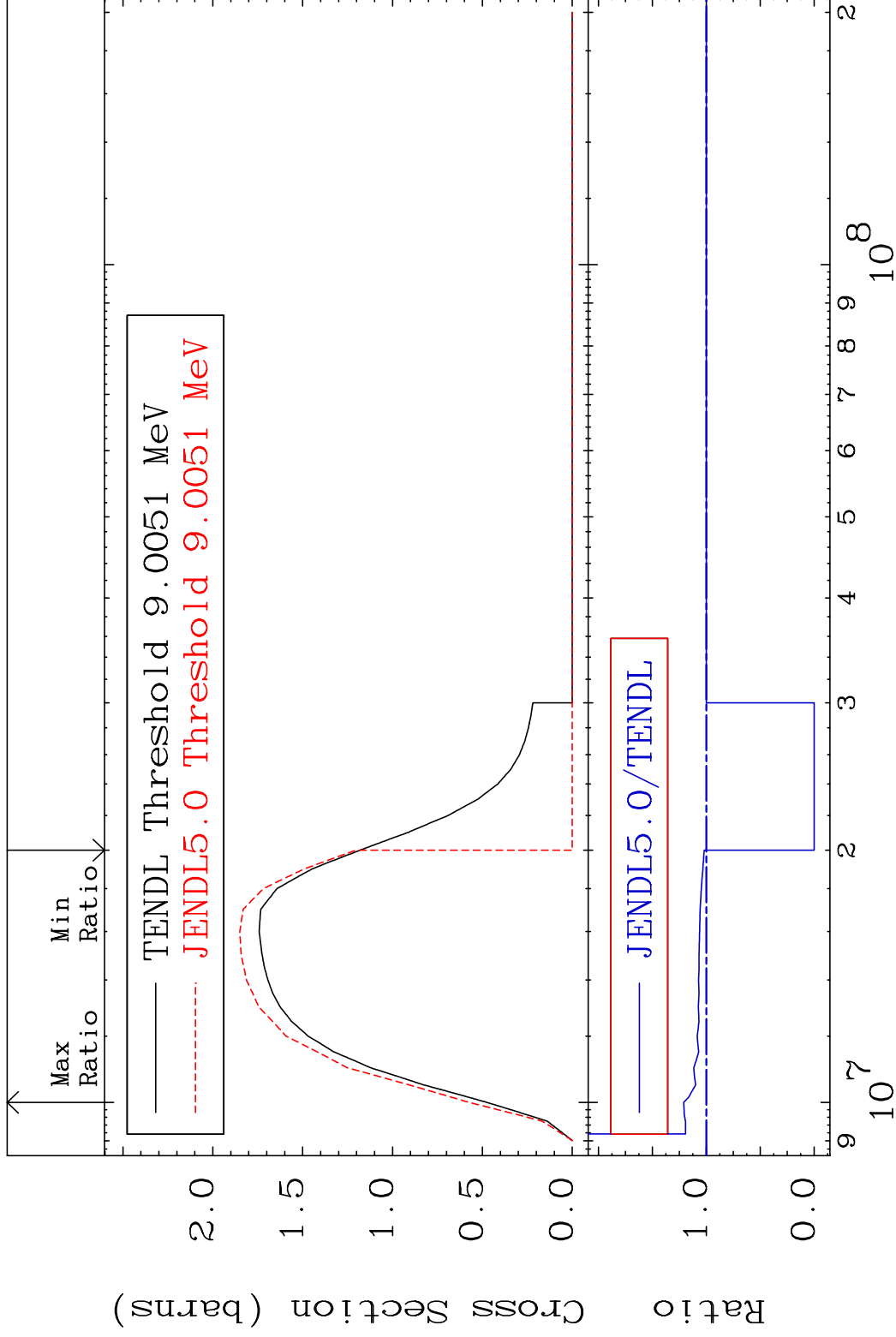
54-Xe-132

MAT 5449

(n,2n)

54-Xe-132

Cross Section -100.0 To 20.94 %



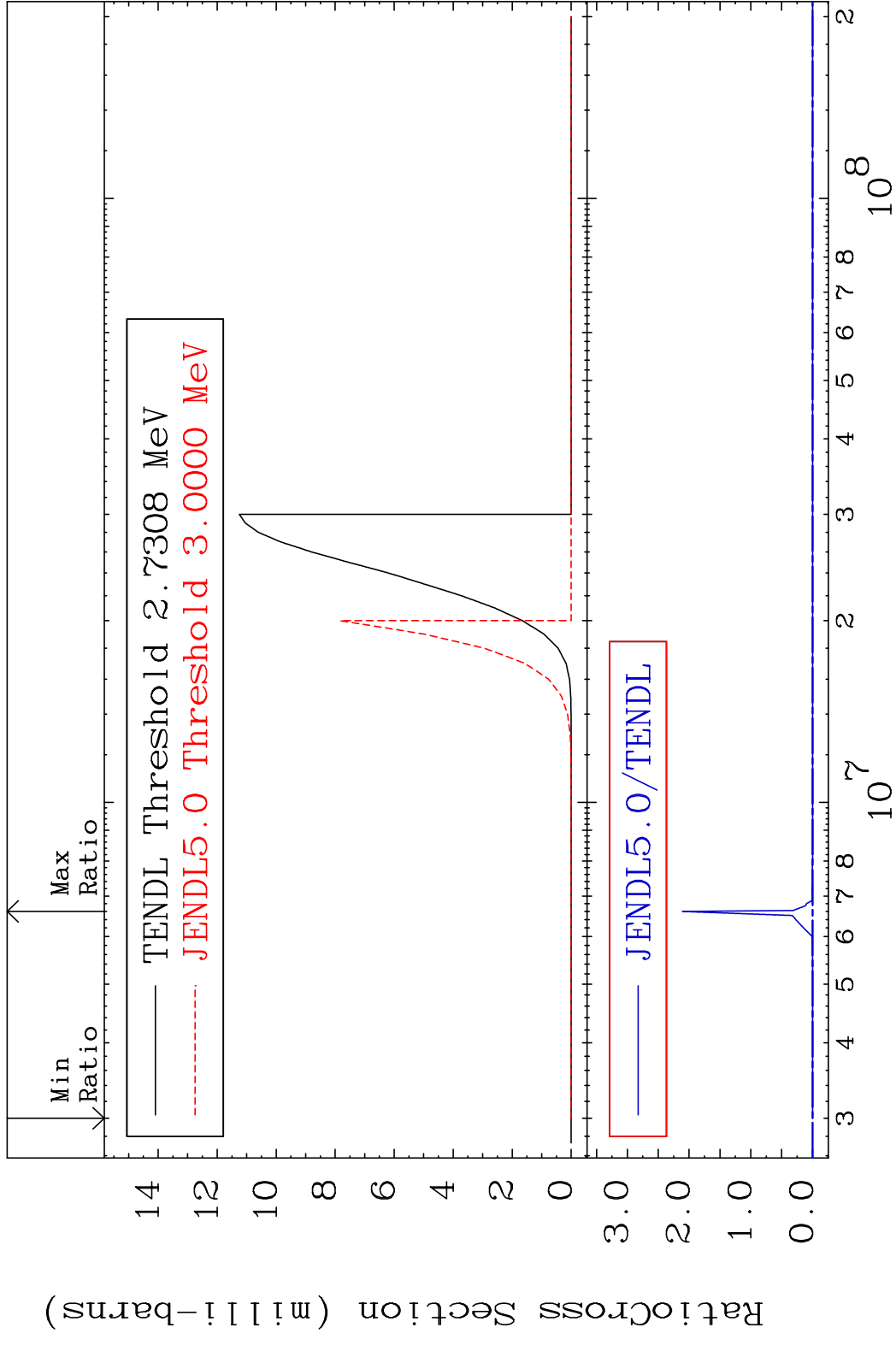
5

Incident Energy (eV)

54-Xe-132



MAT 5449 (n, n')  $\alpha$  54-Xe-132  
 Cross Section -100.0 To 9999. %



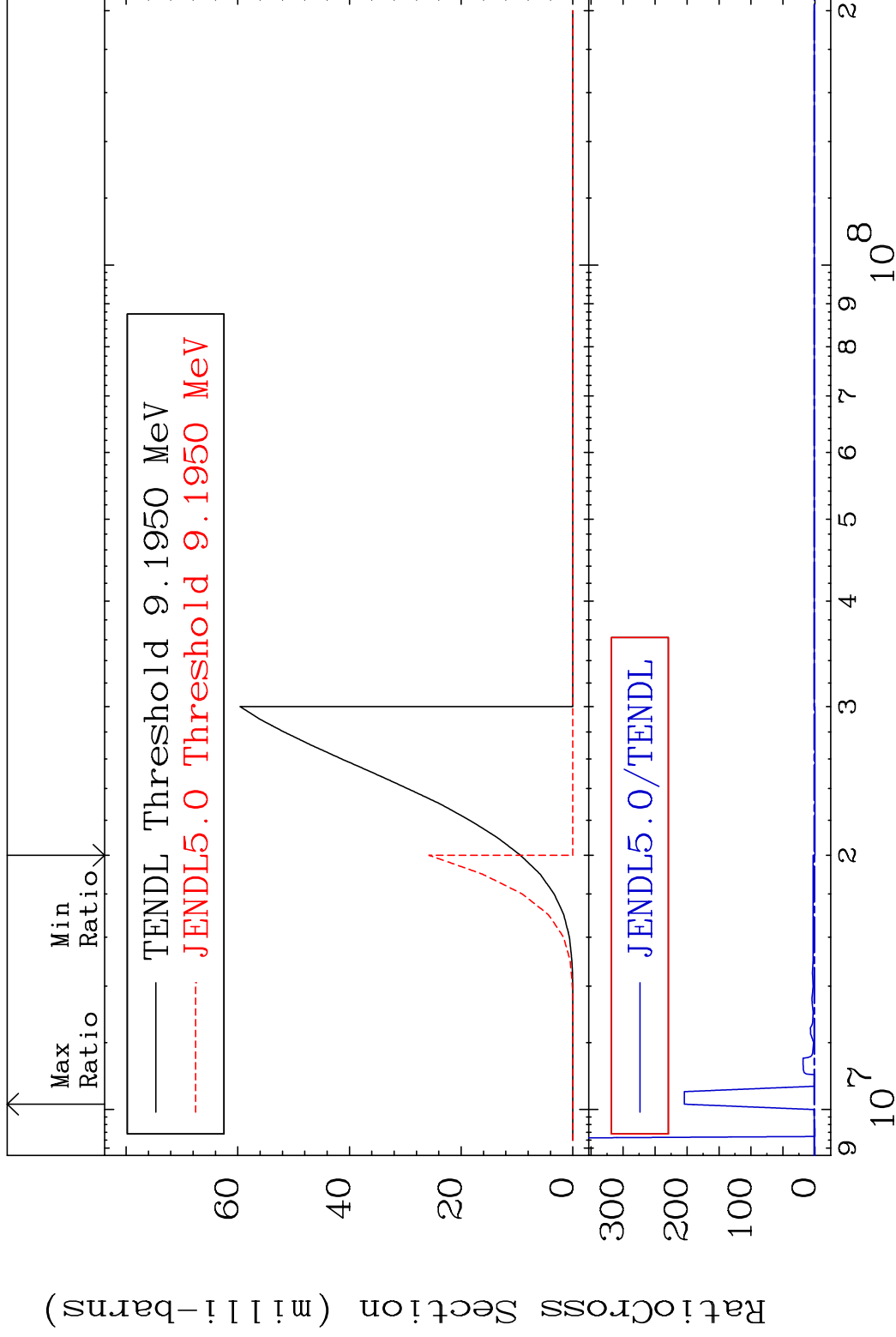
7 Incident Energy (eV) 54-Xe-132

MAT 5449

(n, n') p

54-Xe-132

Cross Section -100.0 To 9999. %

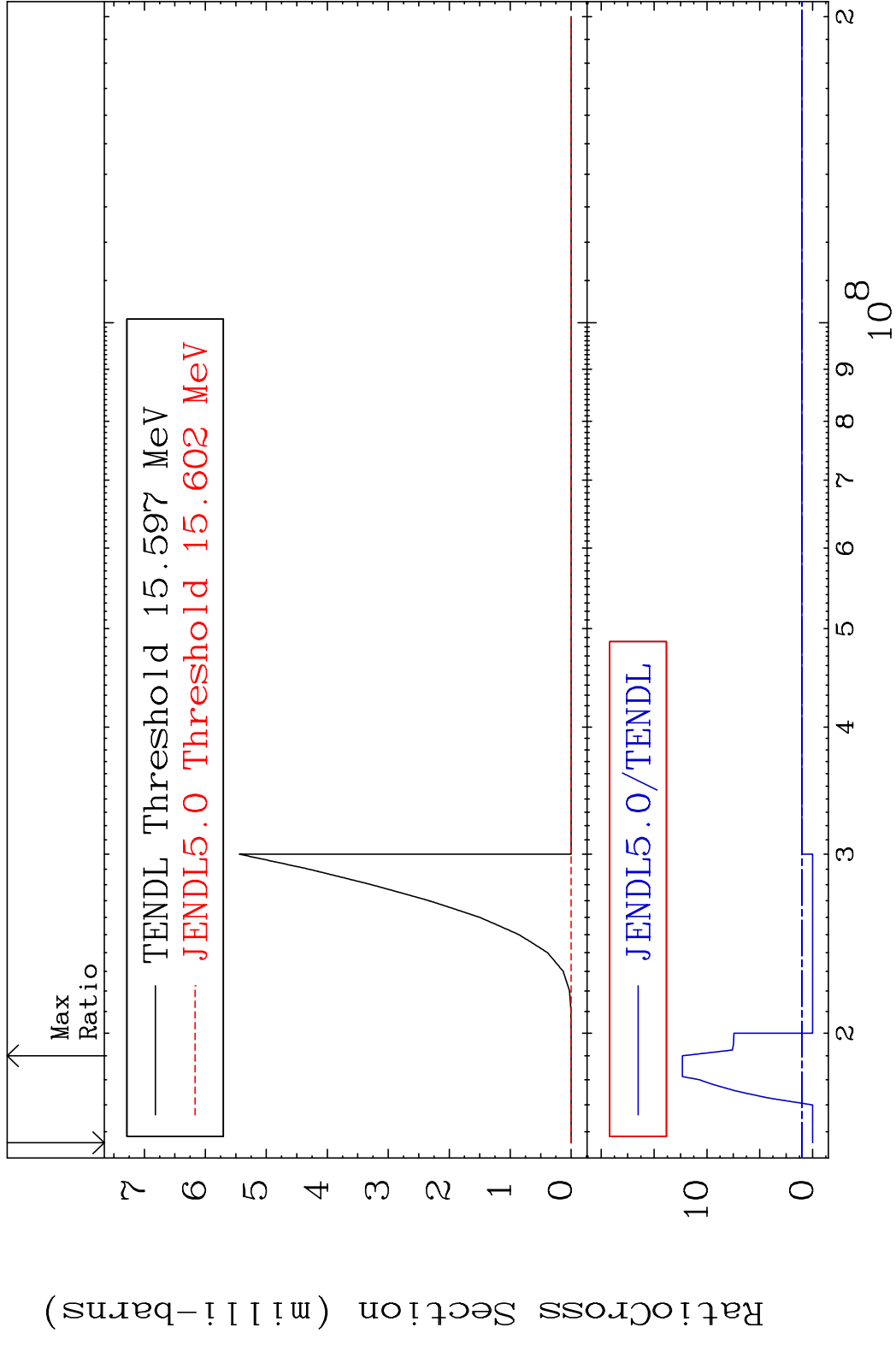


8

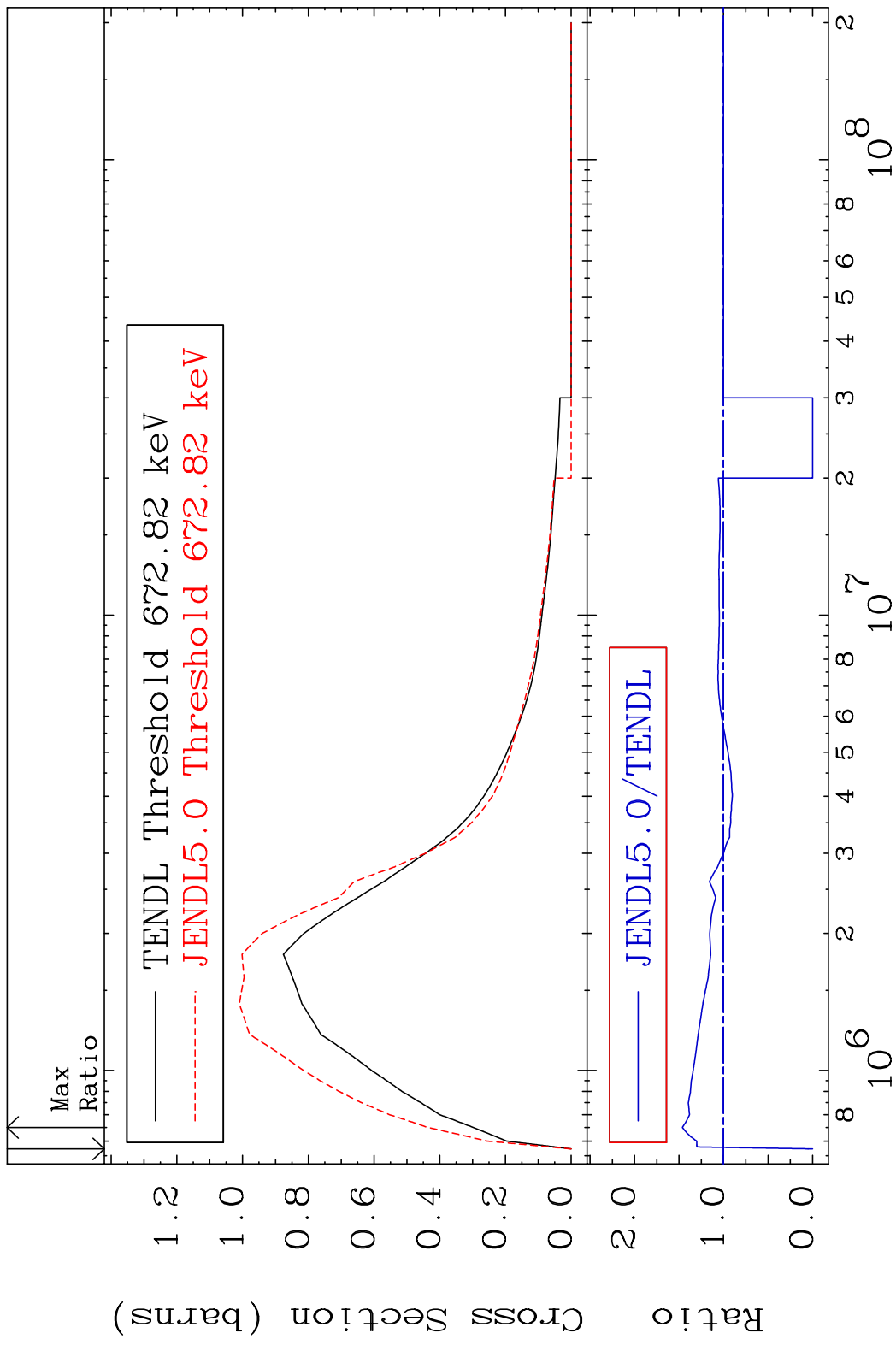
Incident Energy (eV)

54-Xe-132

MAT 5449 (n, n') d 54-Xe-132  
 Cross Section -100.0 To 1132. %

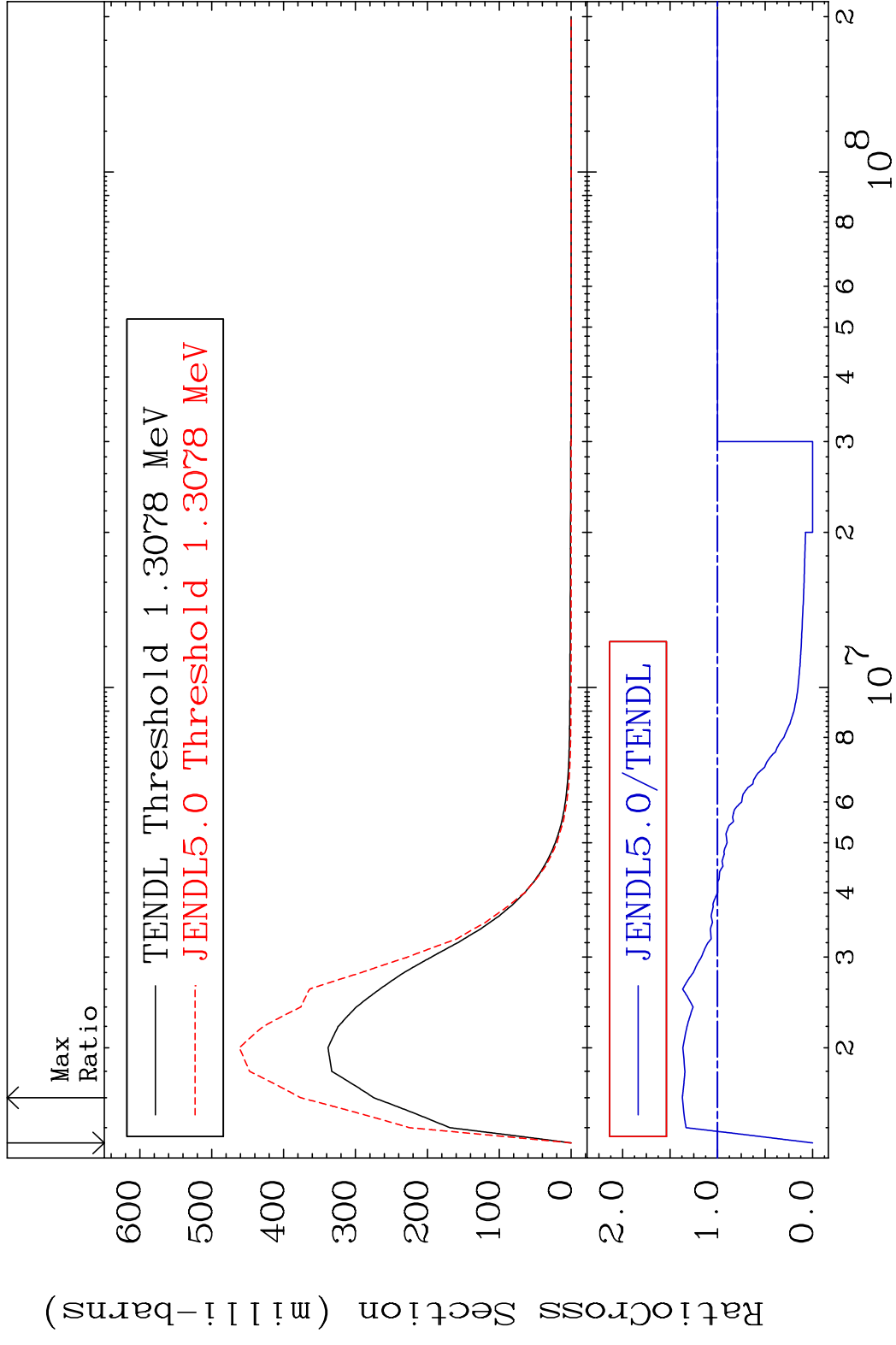


MAT 5449 MT= 51 (n,n') Level 54-Xe-132  
 Cross Section -100.0 To 46.26 %

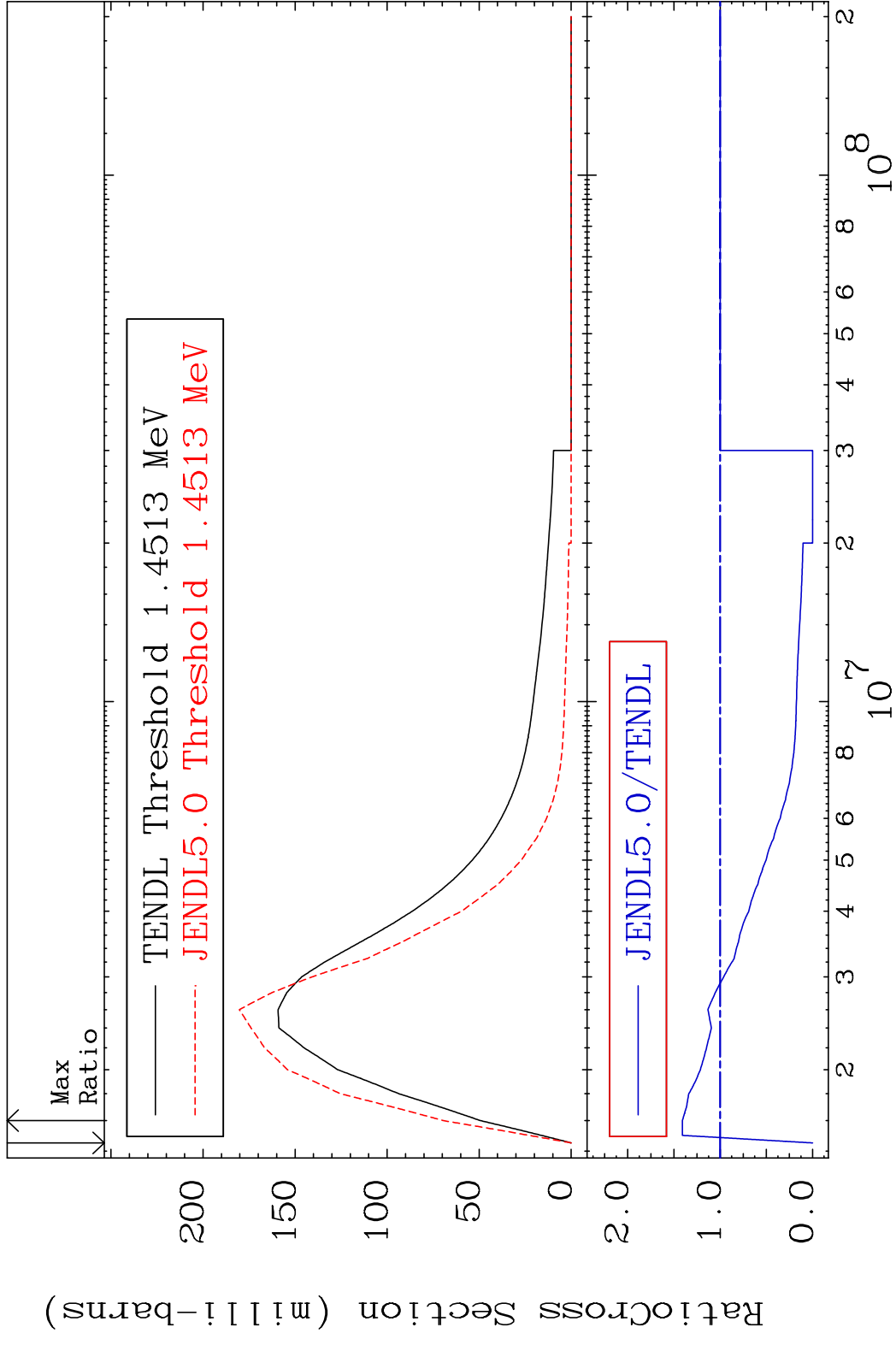


10 Incident Energy (eV) 54-Xe-132

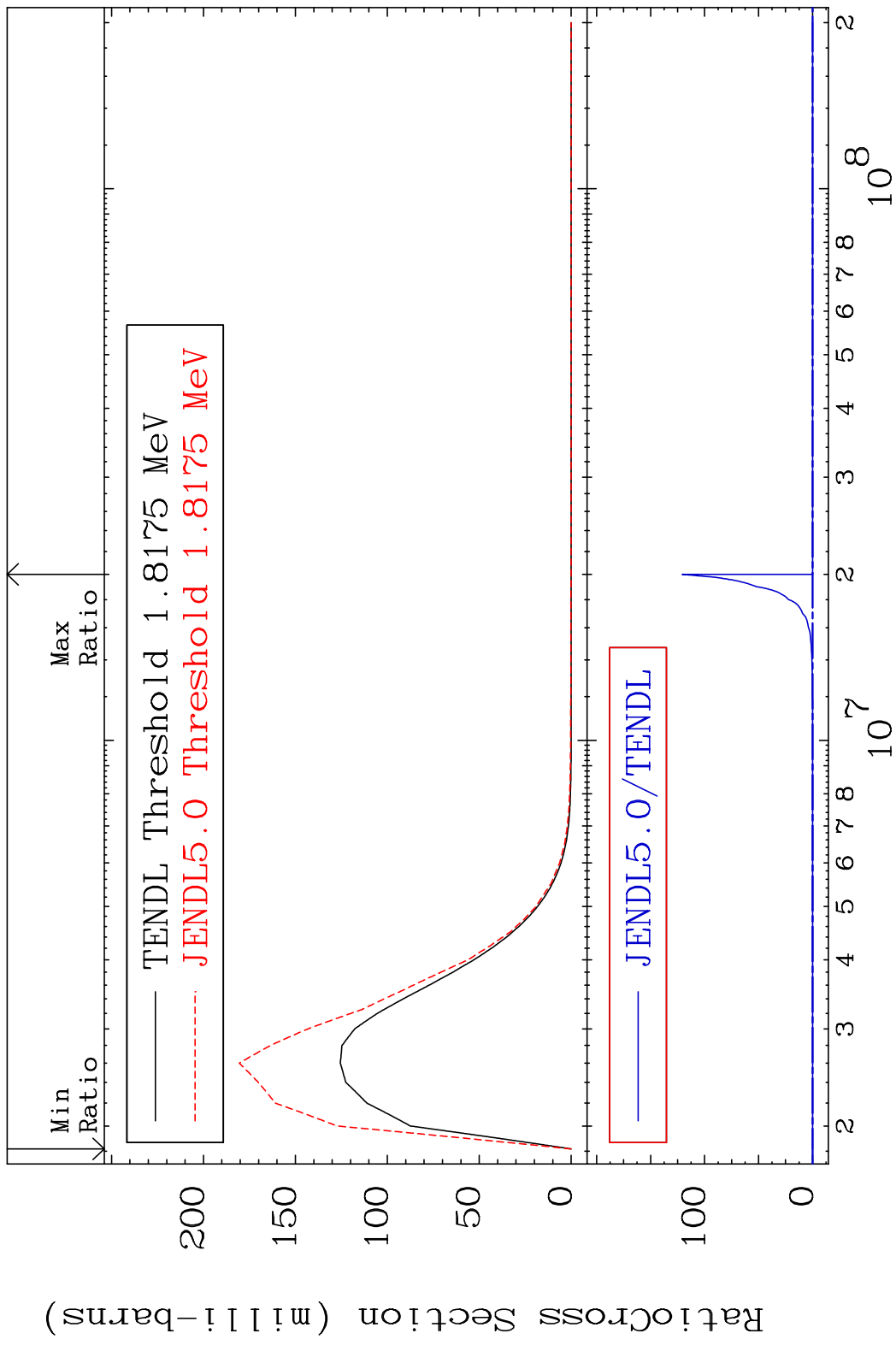
MAT 5449 MT= 52 (n, n') Level 54-Xe-132  
 Cross Section -100.0 To 37.06 %



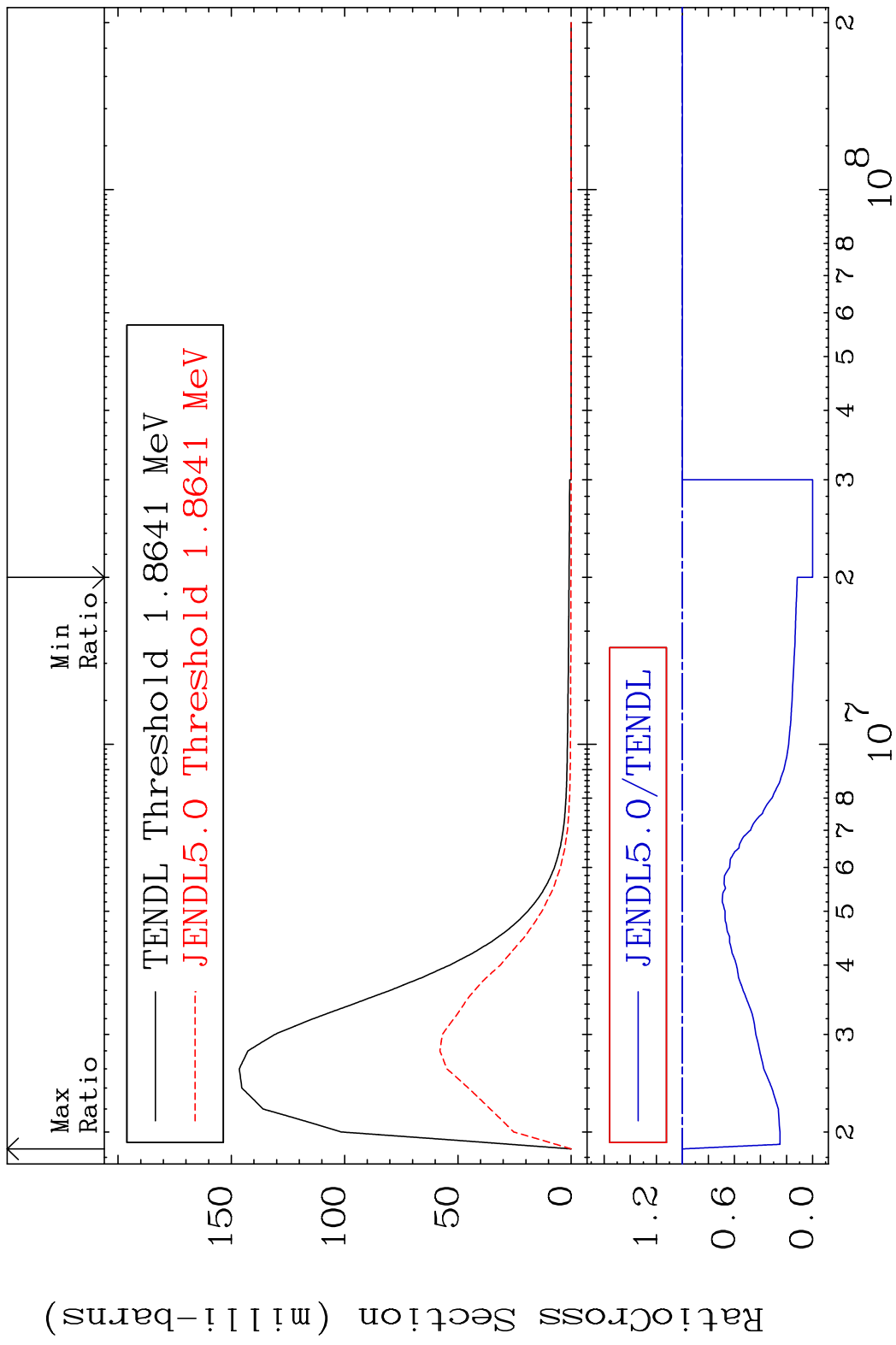
MAT 5449 MT= 53 (n, n') Level 54-Xe-132  
 Cross Section -100.0 To 40.88 %



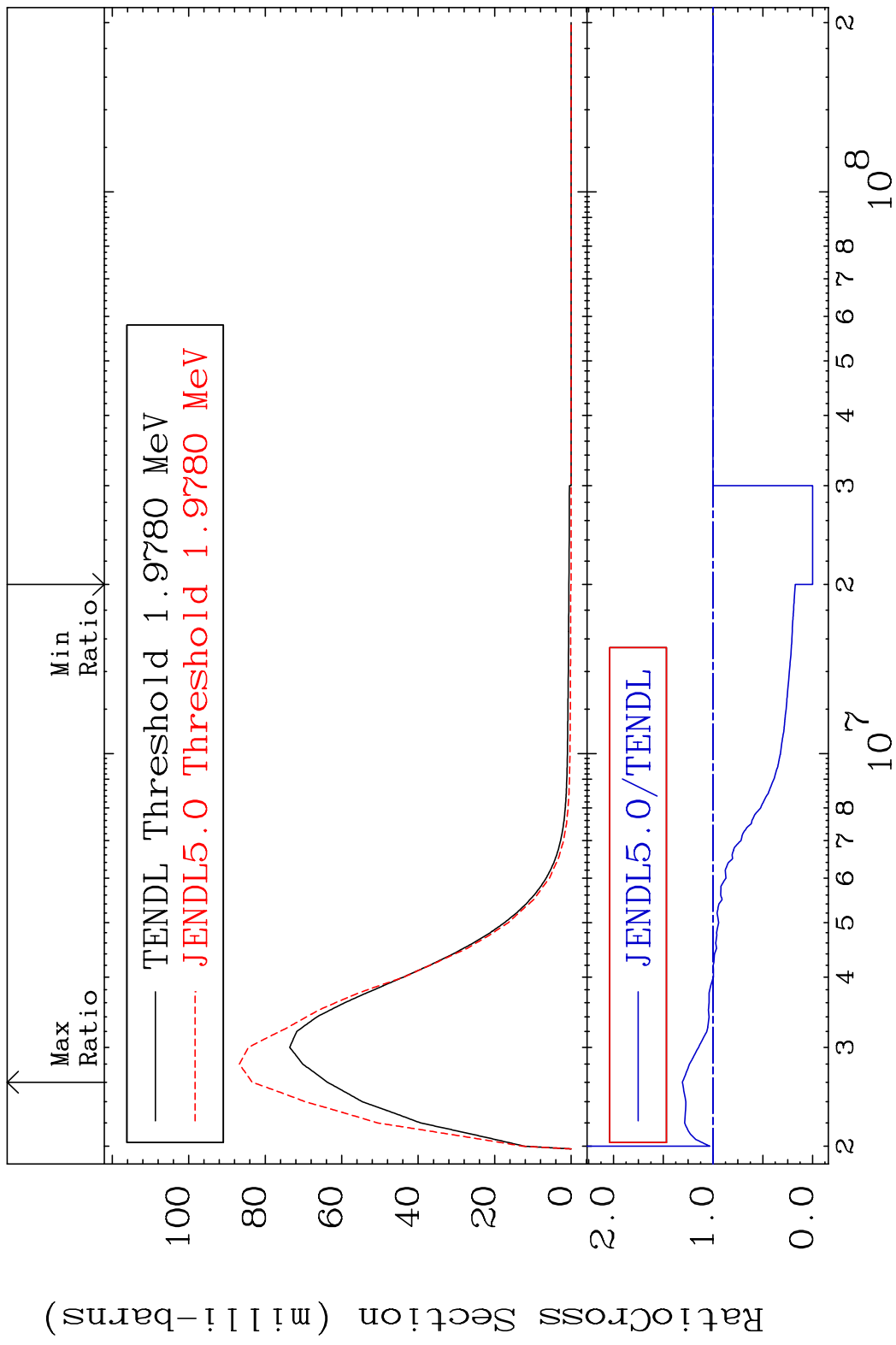
MAT 5449 MT= 54 (n, n') Level 54-Xe-132  
 Cross Section -100.0 To 9999. %



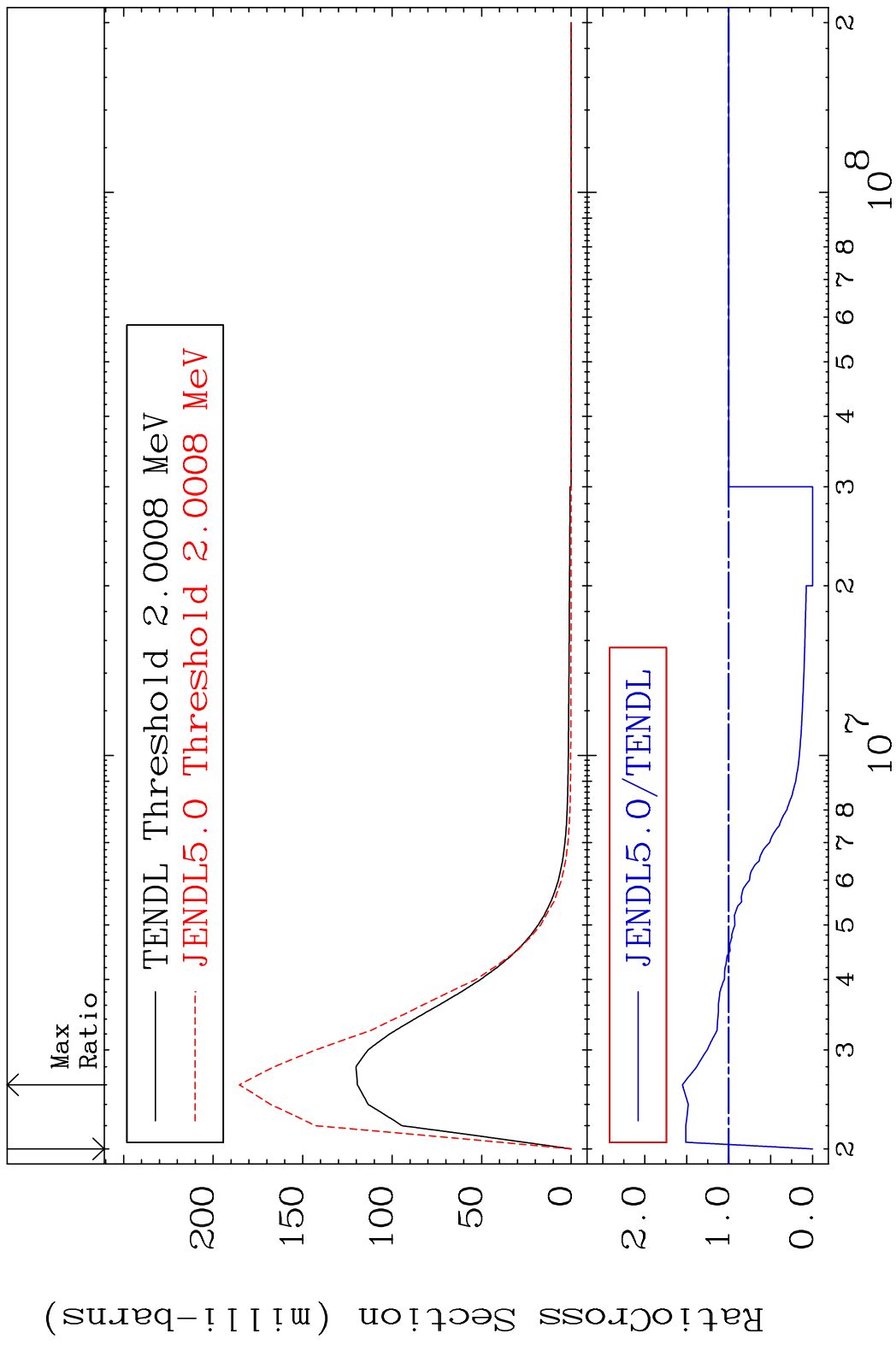
MAT 5449 MT= 55 (n, n') Level 54-Xe-132  
 Cross Section -100.0 To 0.000 %



MAT 5449 MT= 56 (n, n') Level 54-Xe-132  
 Cross Section -100.0 To 30.83 %

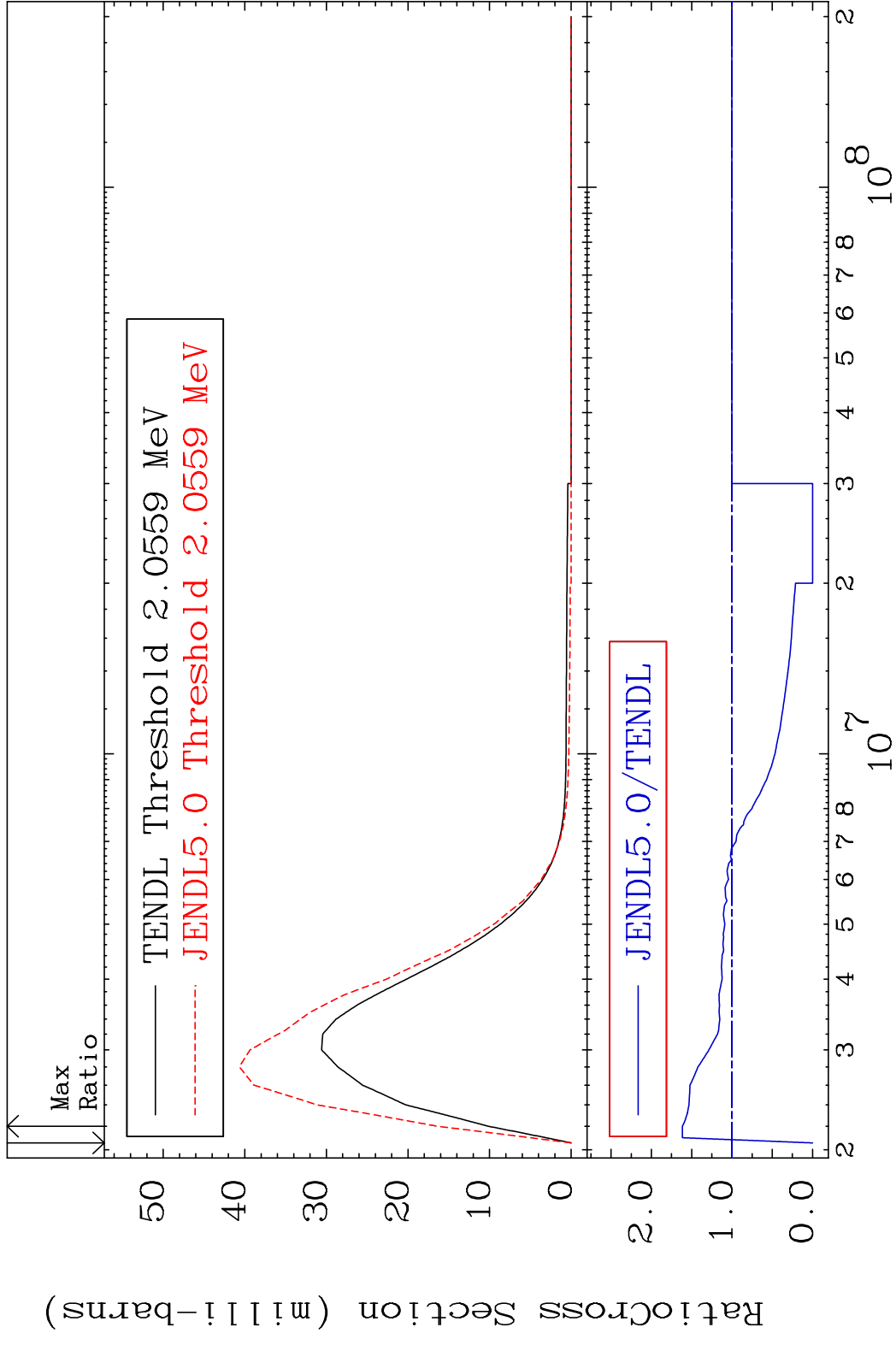


MAT 5449 MT= 57 (n,n') Level 54-Xe-132  
 Cross Section -100.0 To 55.22 %

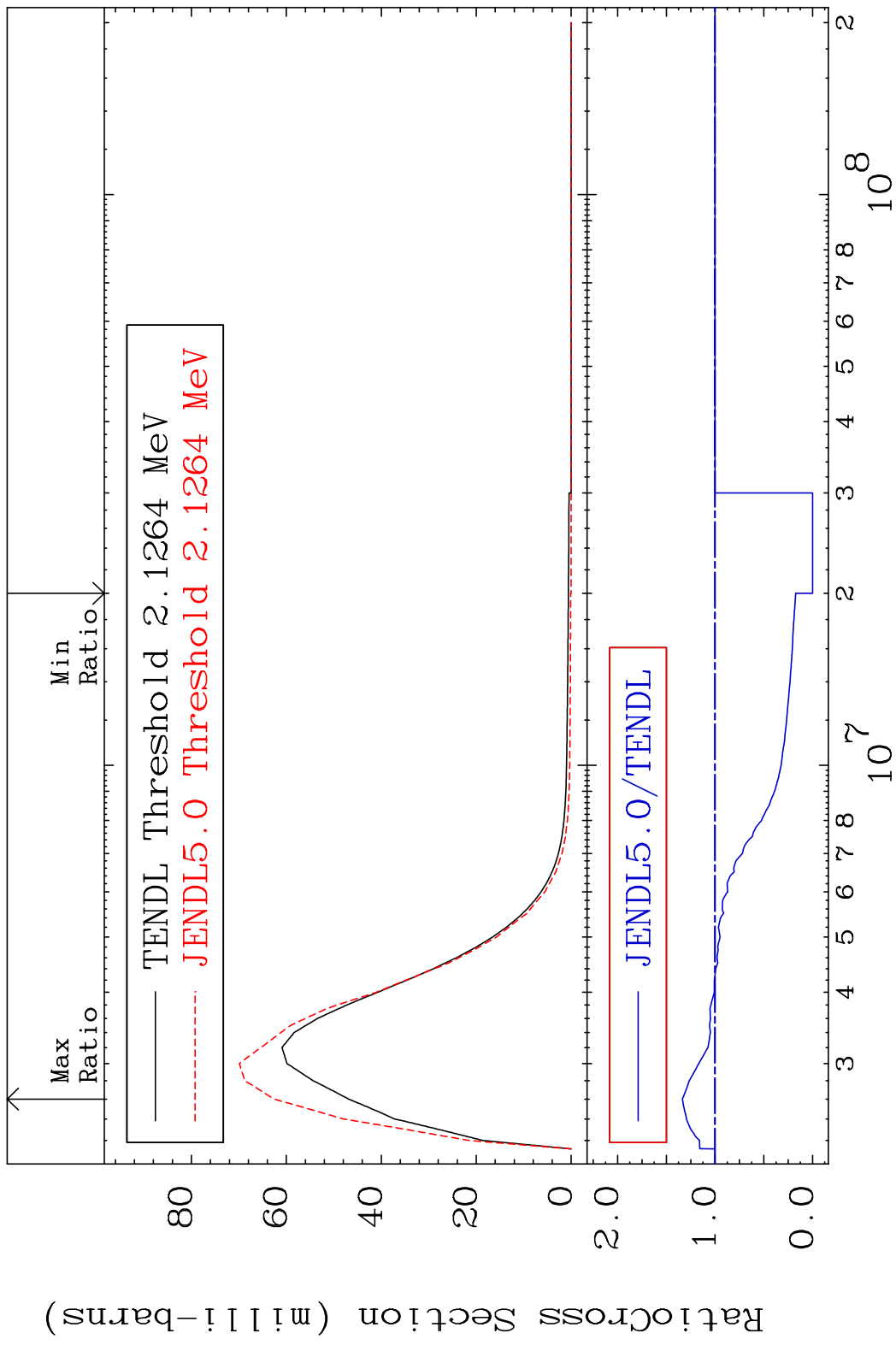


16 Incident Energy (eV) 54-Xe-132

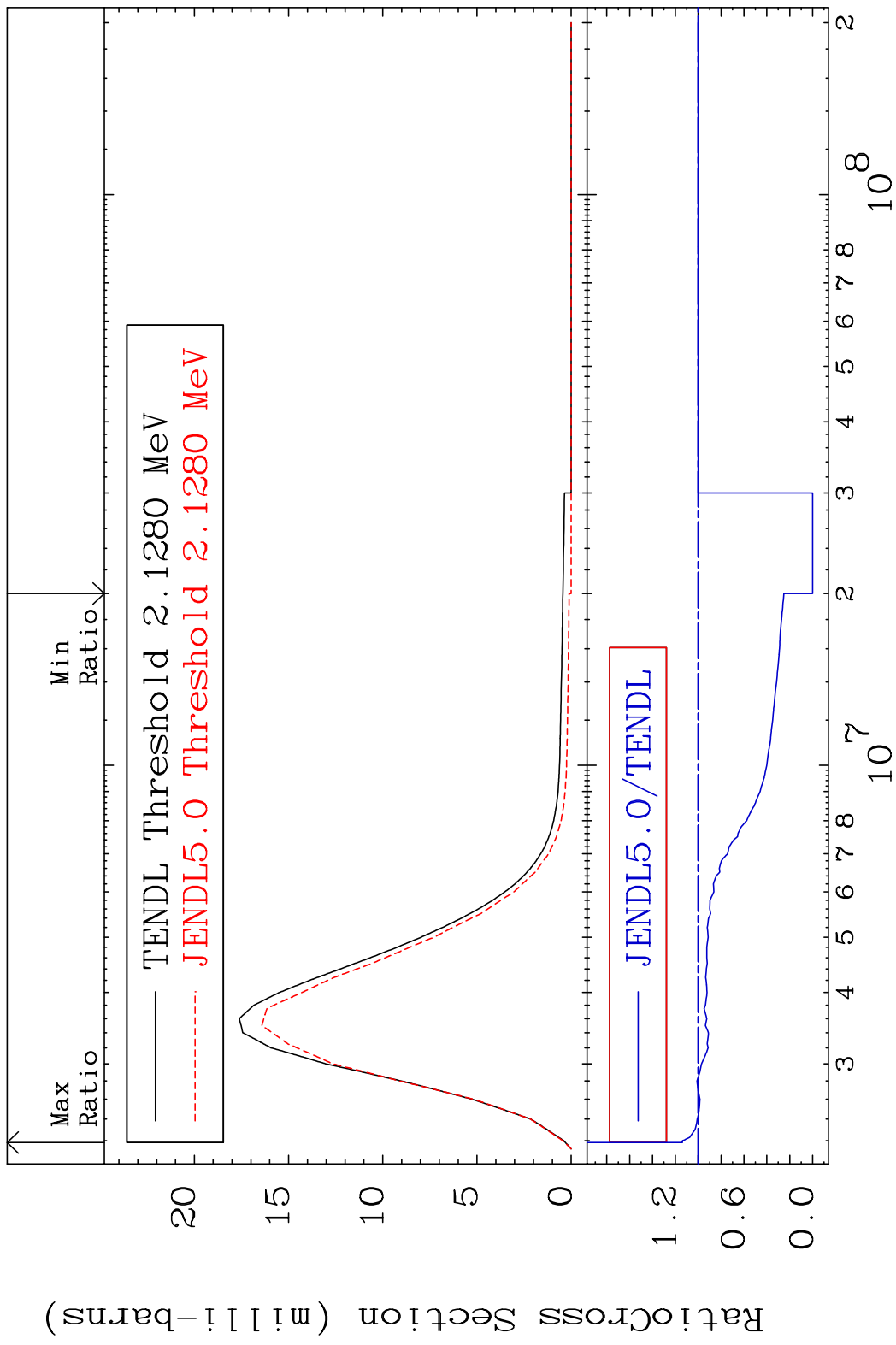
MAT 5449 MT= 58 (n, n') Level 54-Xe-132  
 Cross Section -100.0 To 61.59 %



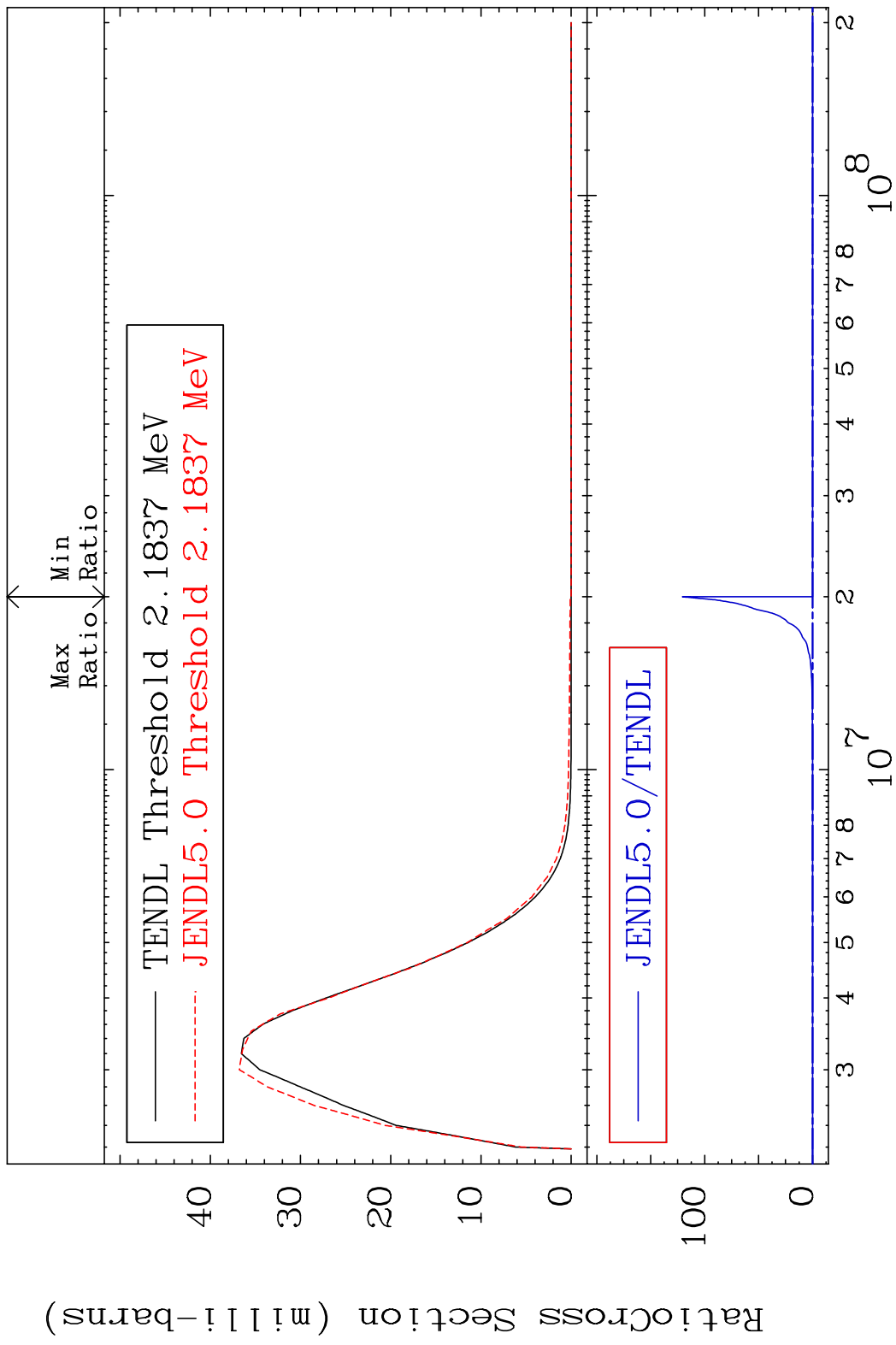
MAT 5449 MT= 59 (n, n') Level 54-Xe-132  
 Cross Section -100.0 To 33.58 %



MAT 5449 MT= 60 (n, n') Level 54-Xe-132  
 Cross Section -100.0 To 13.89 %

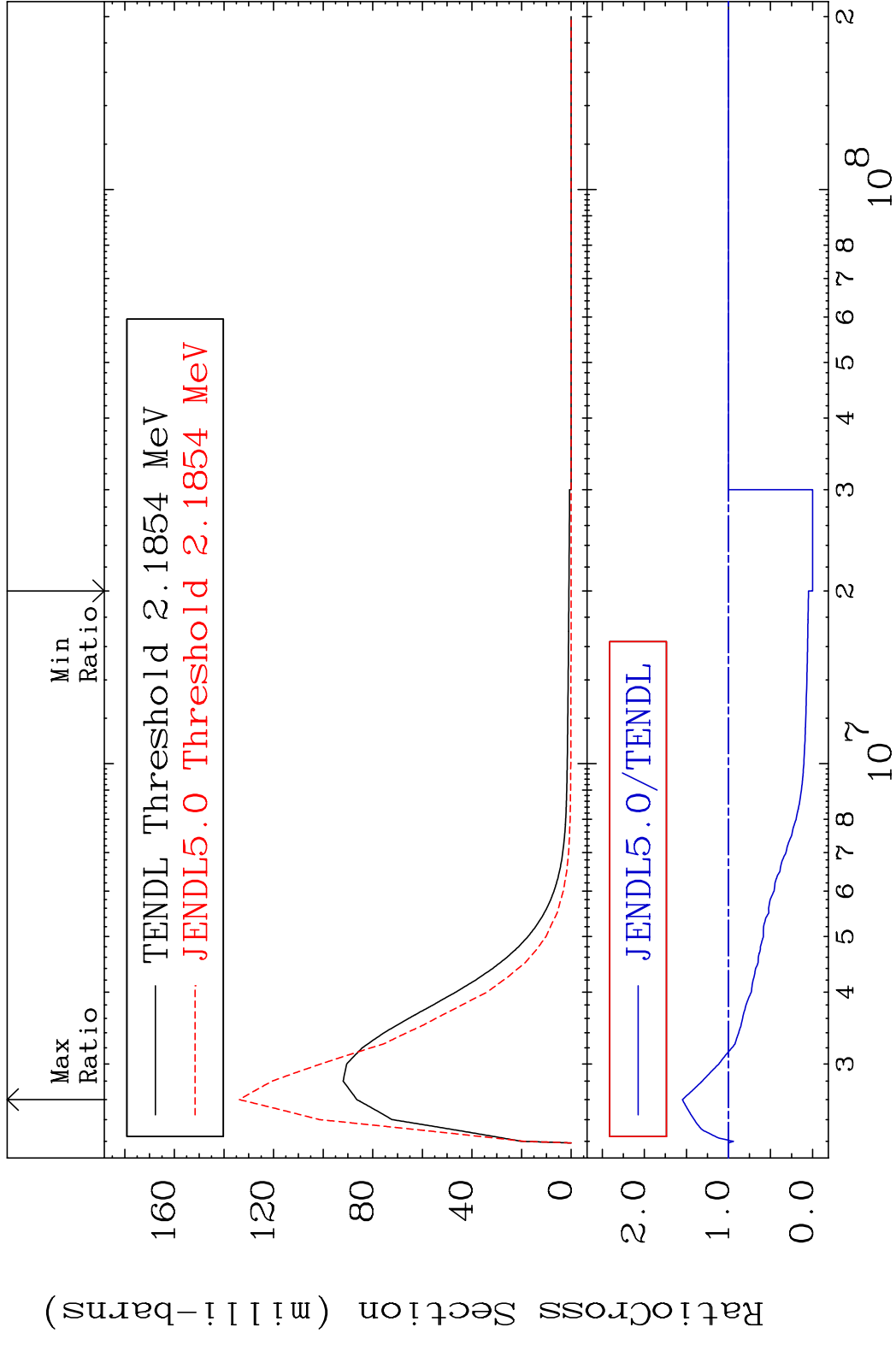


MAT 5449 MT= 61 (n, n') Level 54-Xe-132  
 Cross Section -100.0 To 9999. %

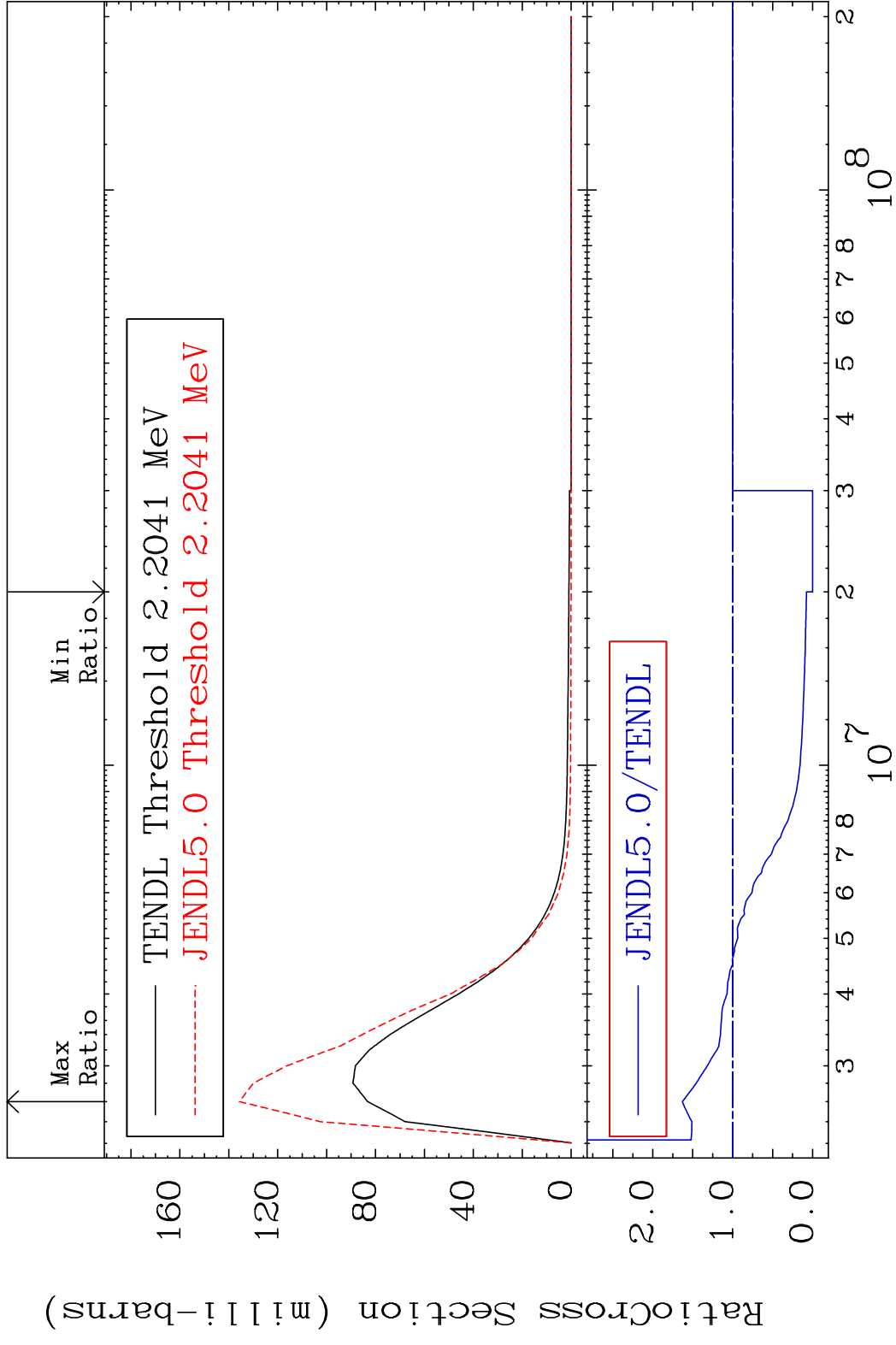


20 54-Xe-132

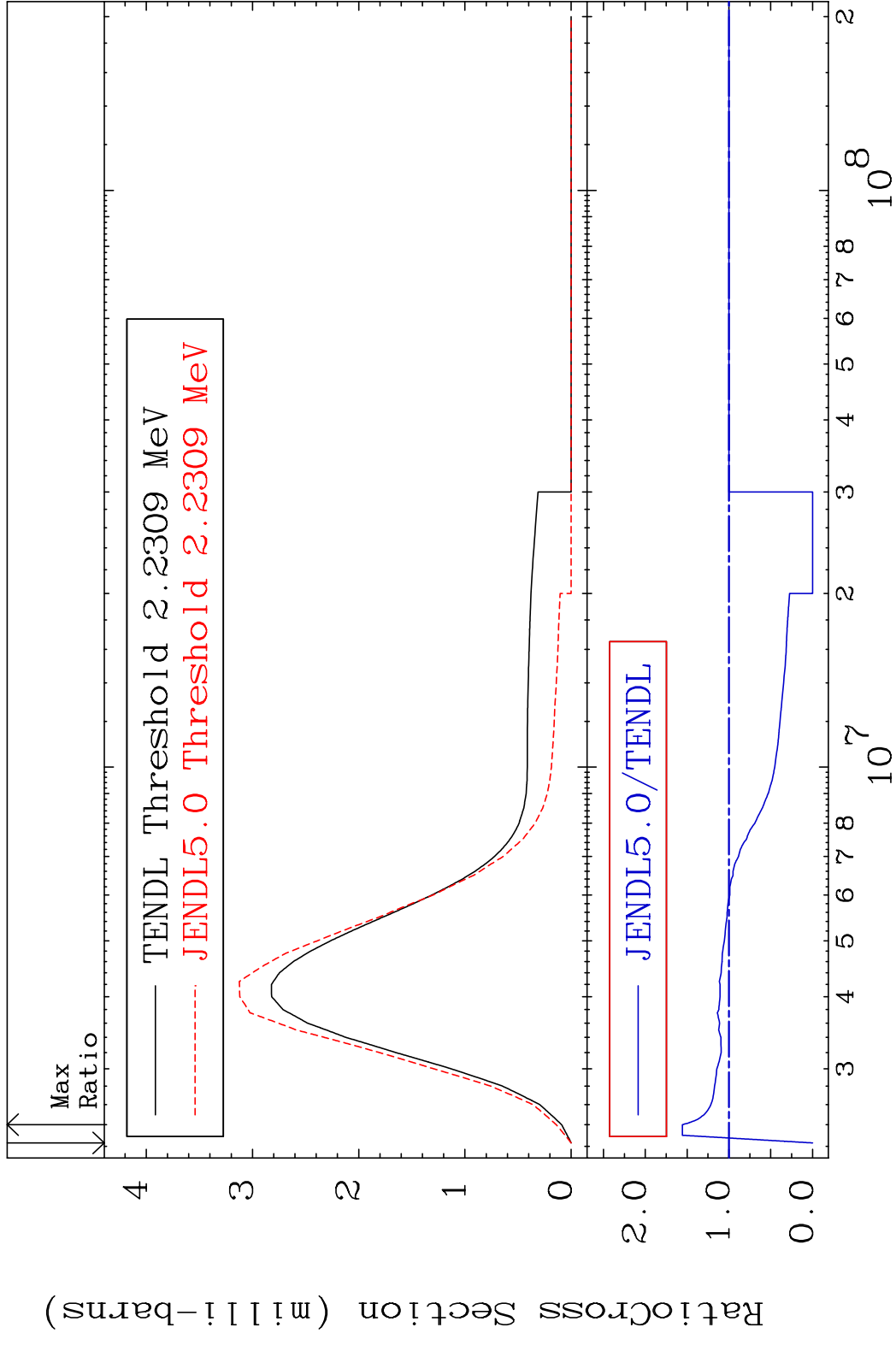
MAT 5449 MT= 62 (n, n') Level 54-Xe-132  
 Cross Section -100.0 To 54.84 %



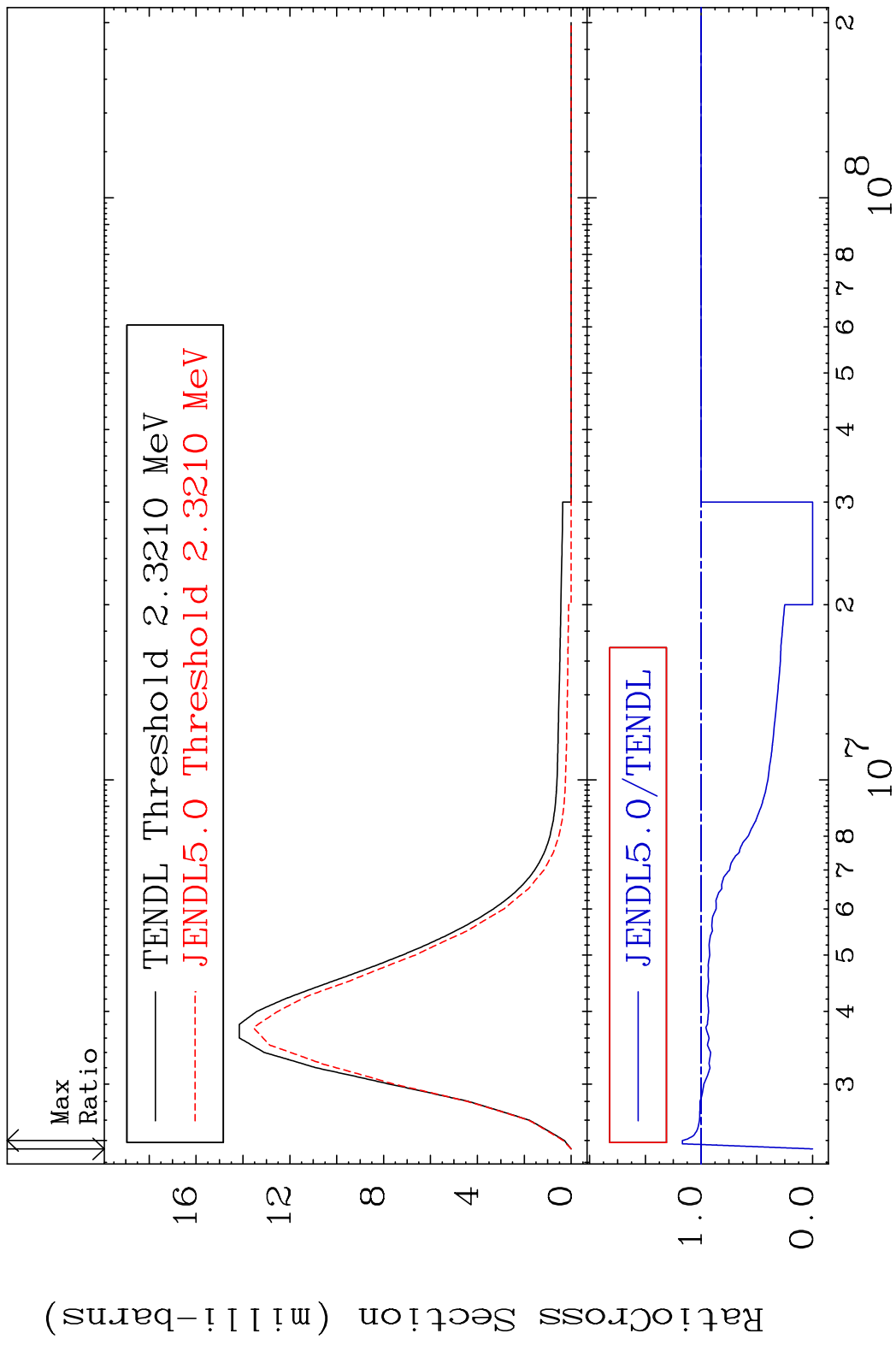
MAT 5449 MT= 63 (n, n') Level 54-Xe-132  
 Cross Section -100.0 To 62.99 %



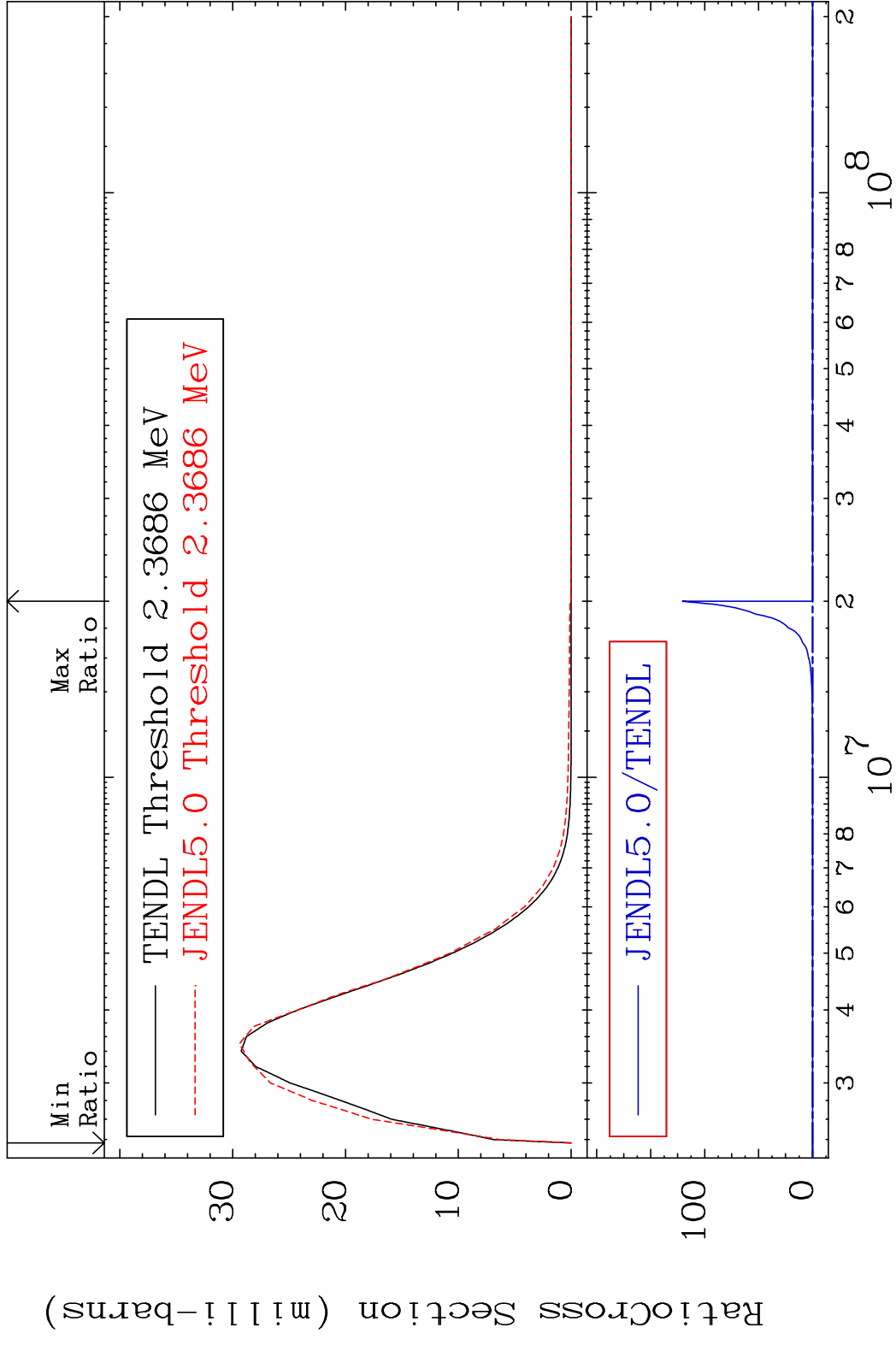
MAT 5449 MT= 64 (n,n') Level 54-Xe-132  
 Cross Section -100.0 To 55.69 %



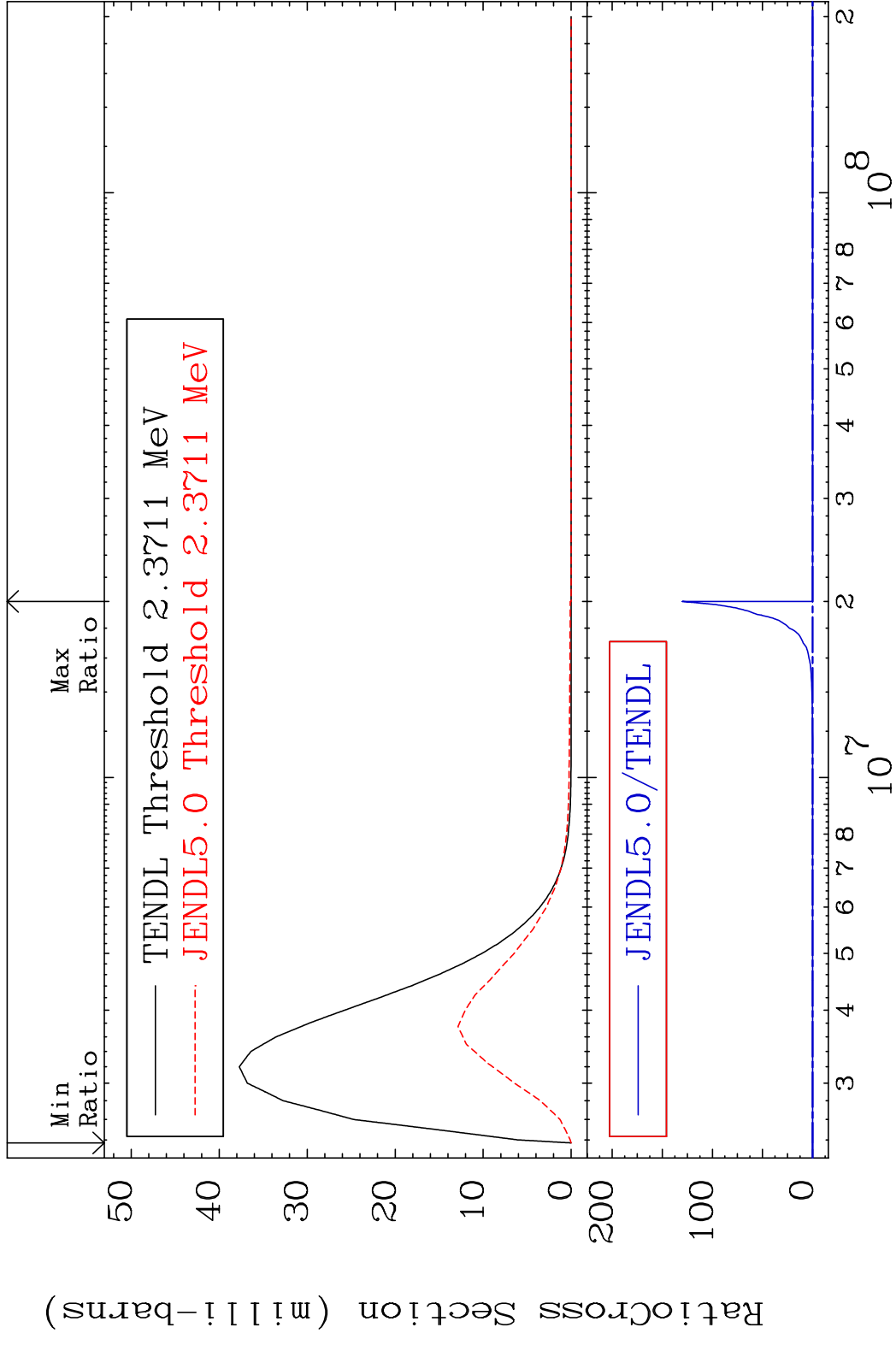
MAT 5449 MT= 65 (n,n') Level 54-Xe-132  
 Cross Section -100.0 To 16.82 %



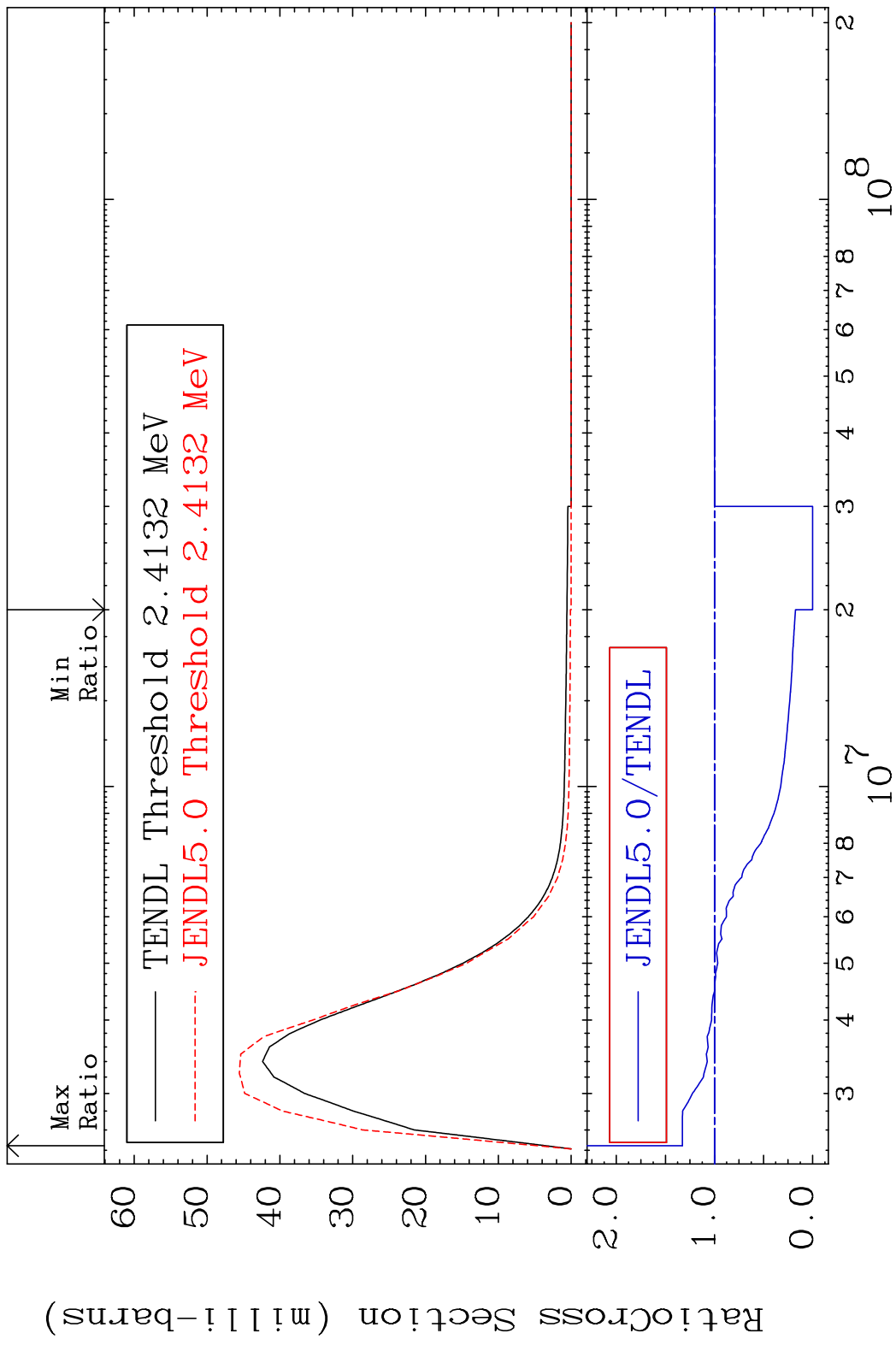
MAT 5449 MT= 66 (n, n') Level 54-Xe-132  
 Cross Section -100.0 To 9999. %



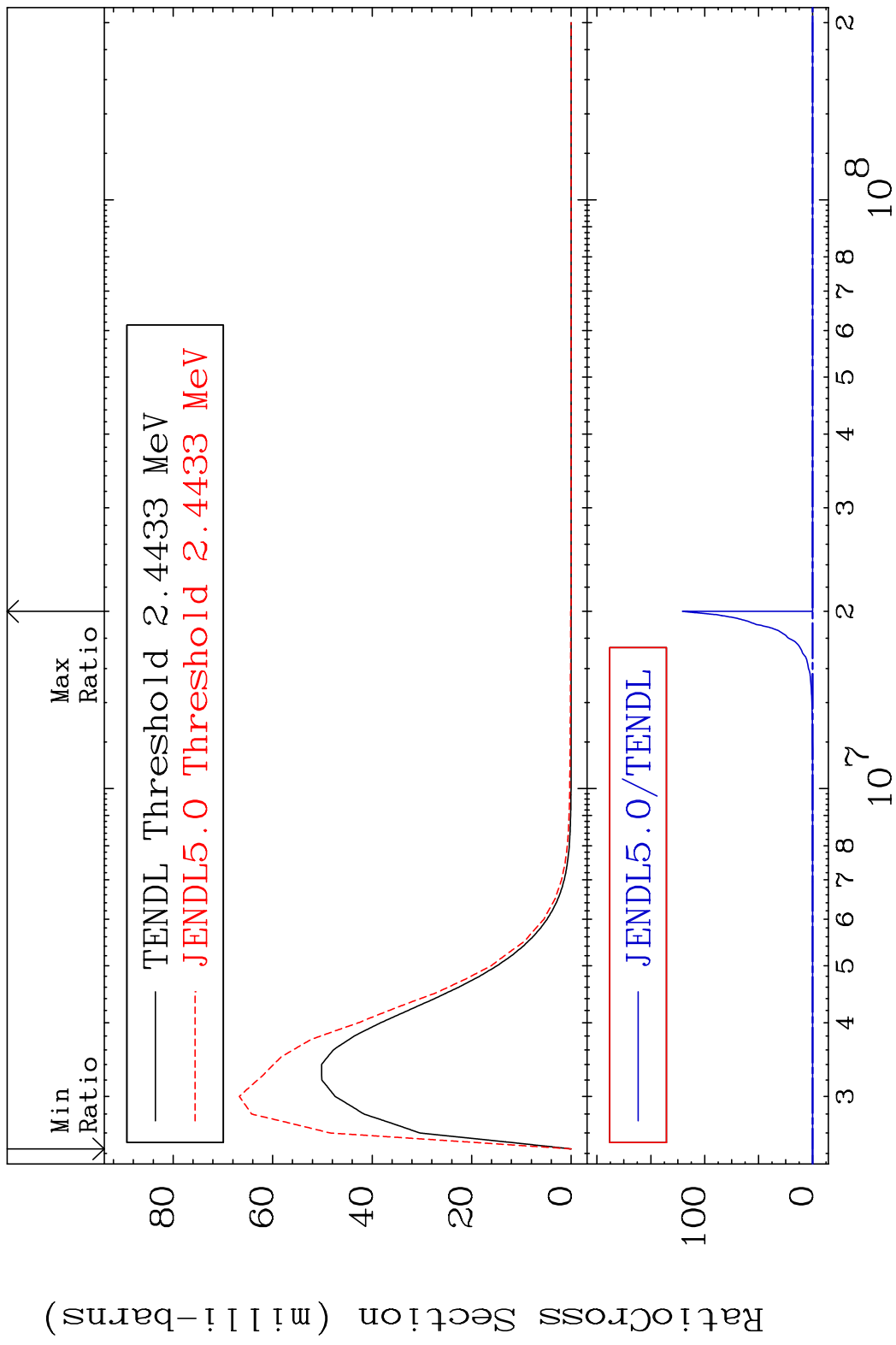
MAT 5449 MT= 67 (n, n') Level 54-Xe-132  
 Cross Section -100.0 To 9999. %



MAT 5449 MT= 68 (n,n') Level 54-Xe-132  
 Cross Section -100.0 To 32.73 %



MAT 5449 MT= 69 (n, n') Level 54-Xe-132  
 Cross Section -100.0 To 9999. %

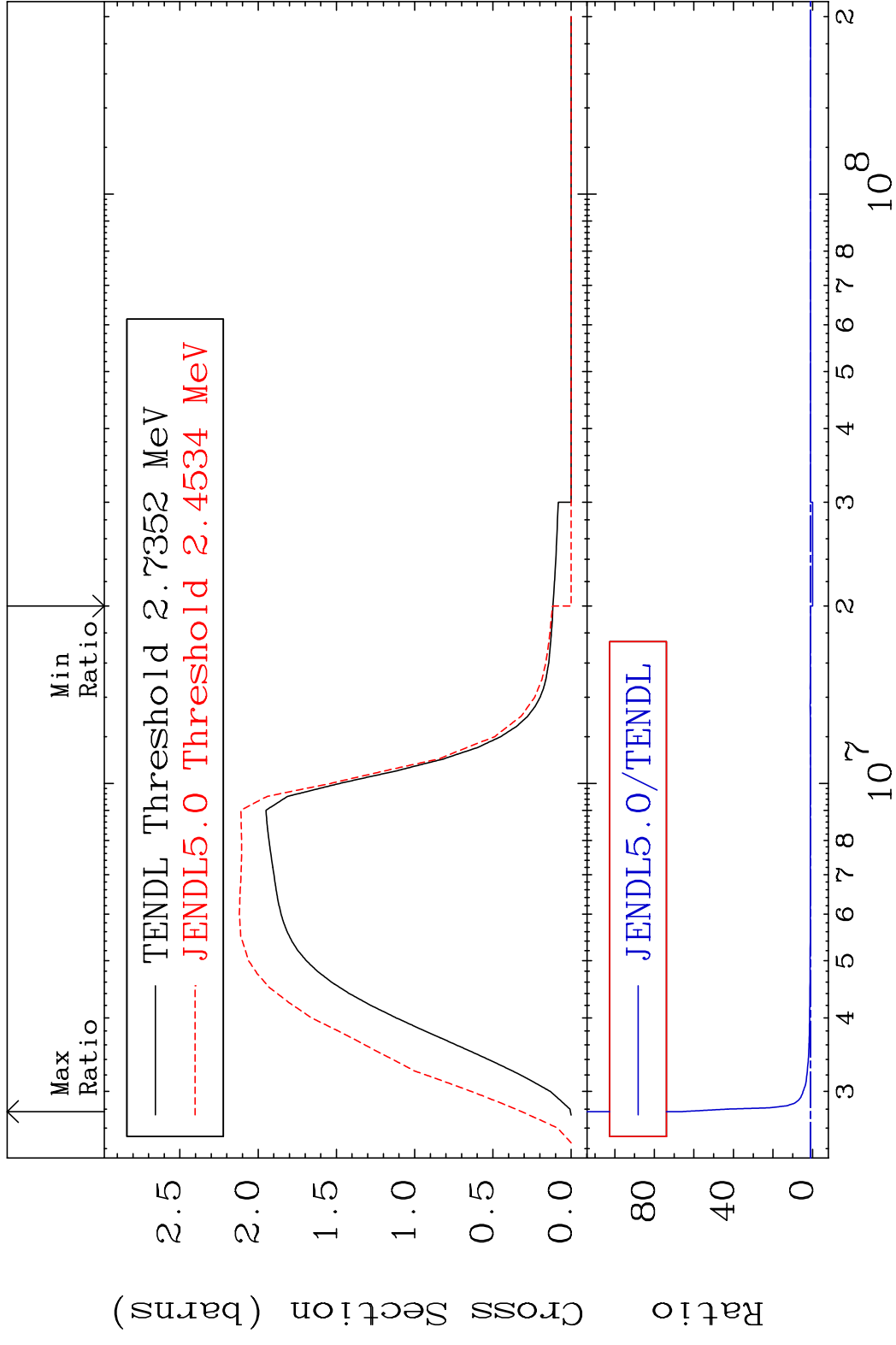


MAT 5449

(n,n') Continuum

54-Xe-132

Cross Section -100.0 To 6483. %



29

Incident Energy (eV)

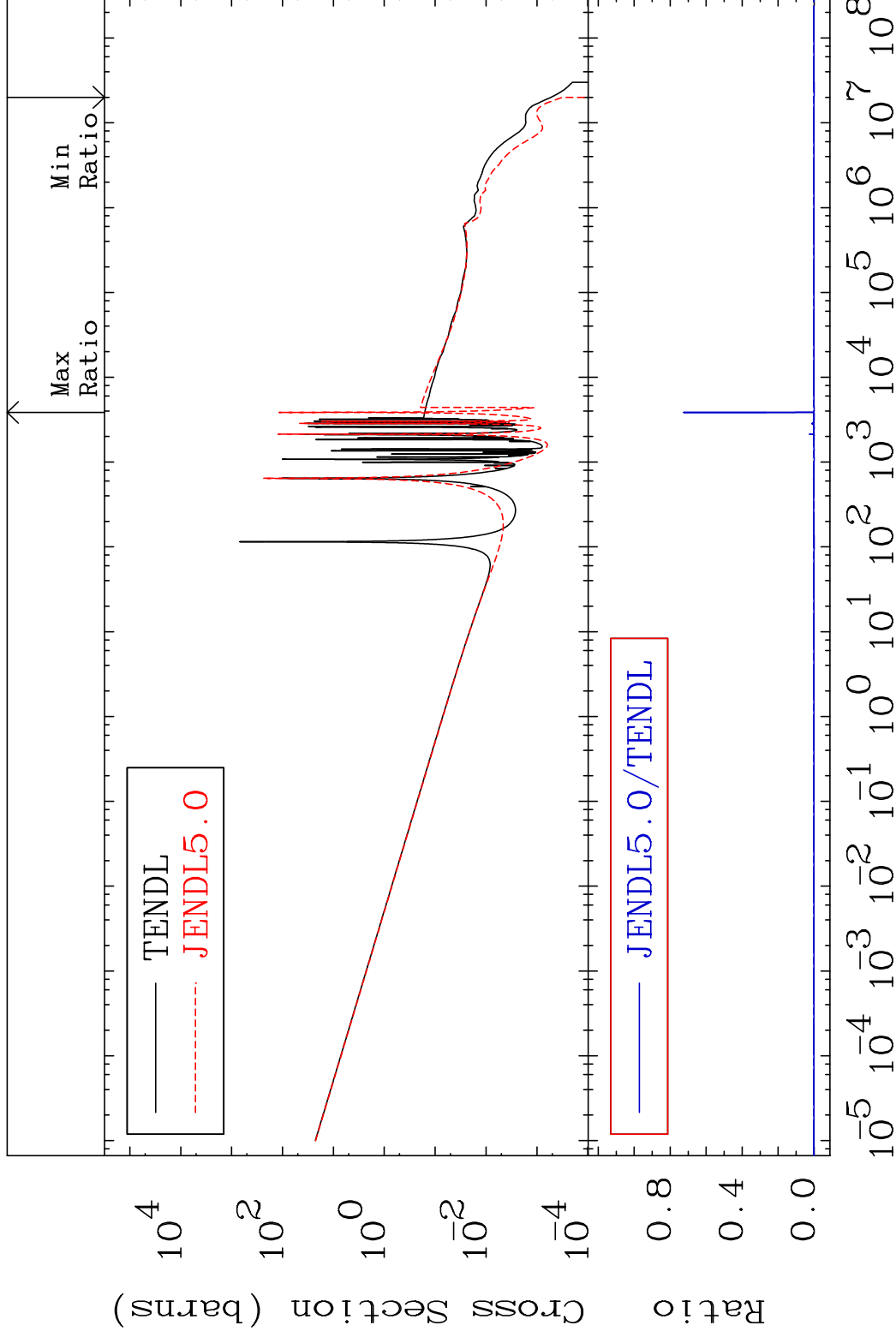
54-Xe-132

MAT 5449

(n,  $\gamma$ )

54-Xe-132

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

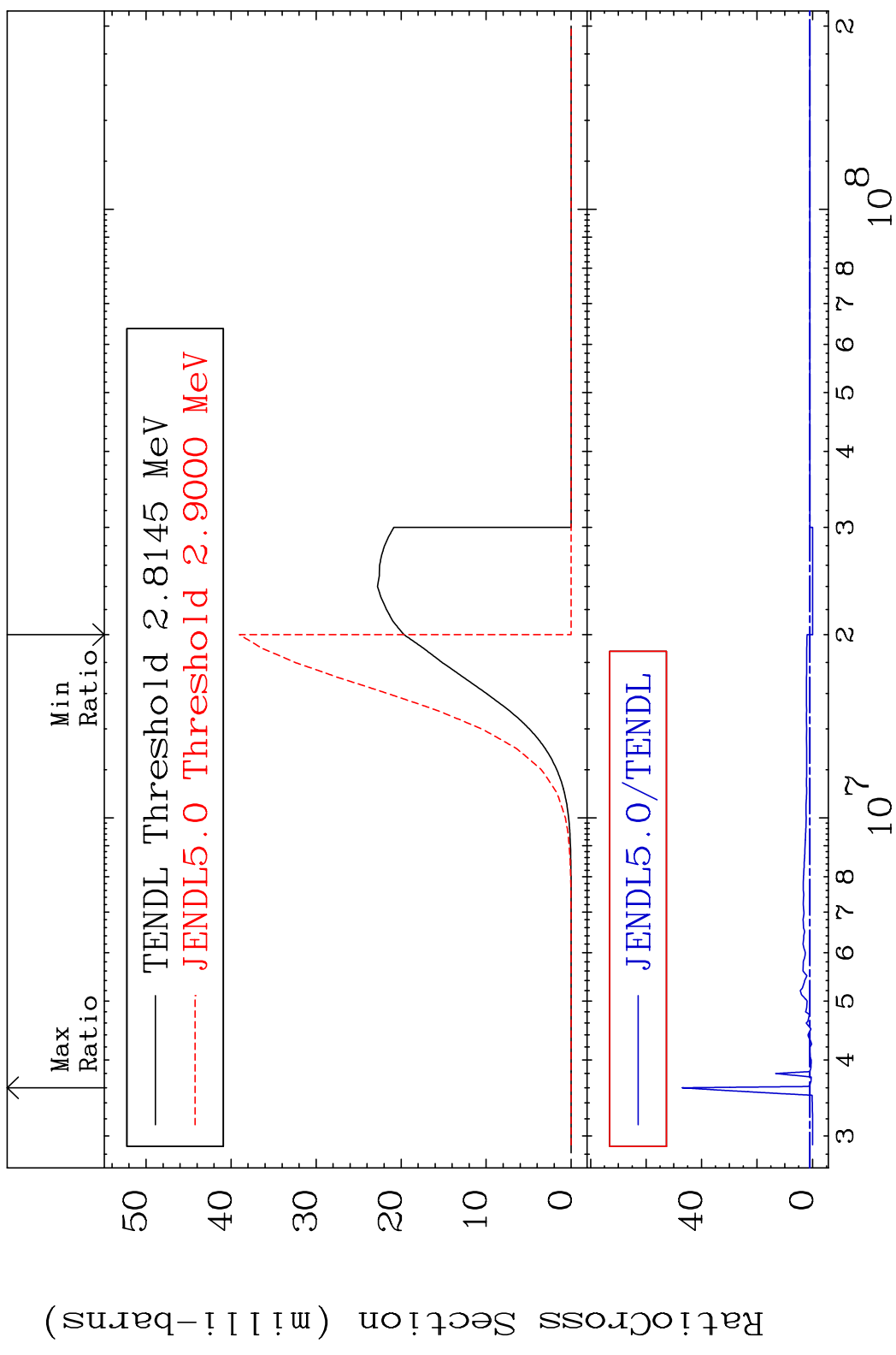
54-Xe-132

MAT 5449

(n,p)

54-Xe-132

Cross Section -100.0 To 4593. %

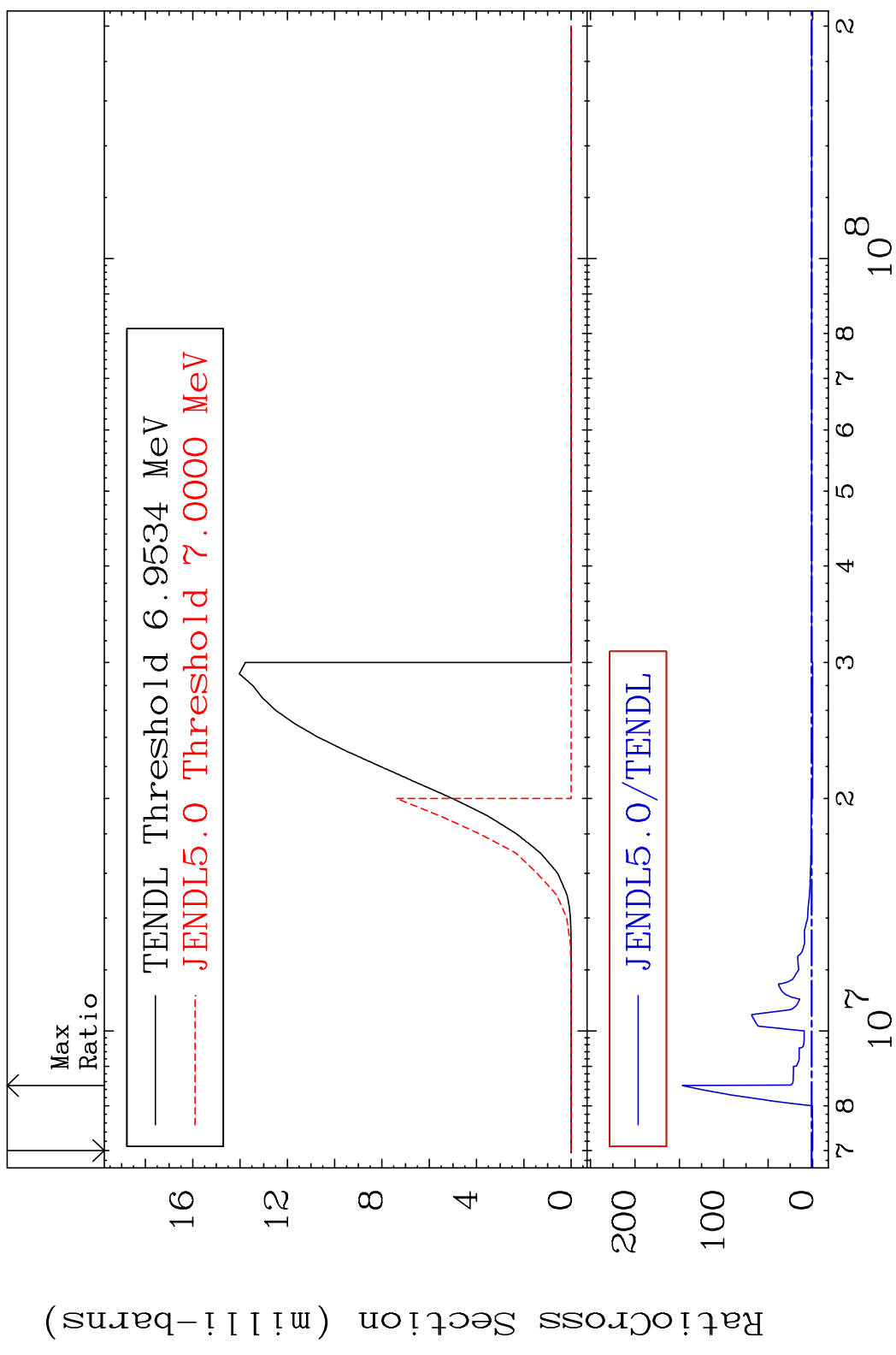


MAT 5449

(n,d)

54-Xe-132

Cross Section -100.0 To 9999. %

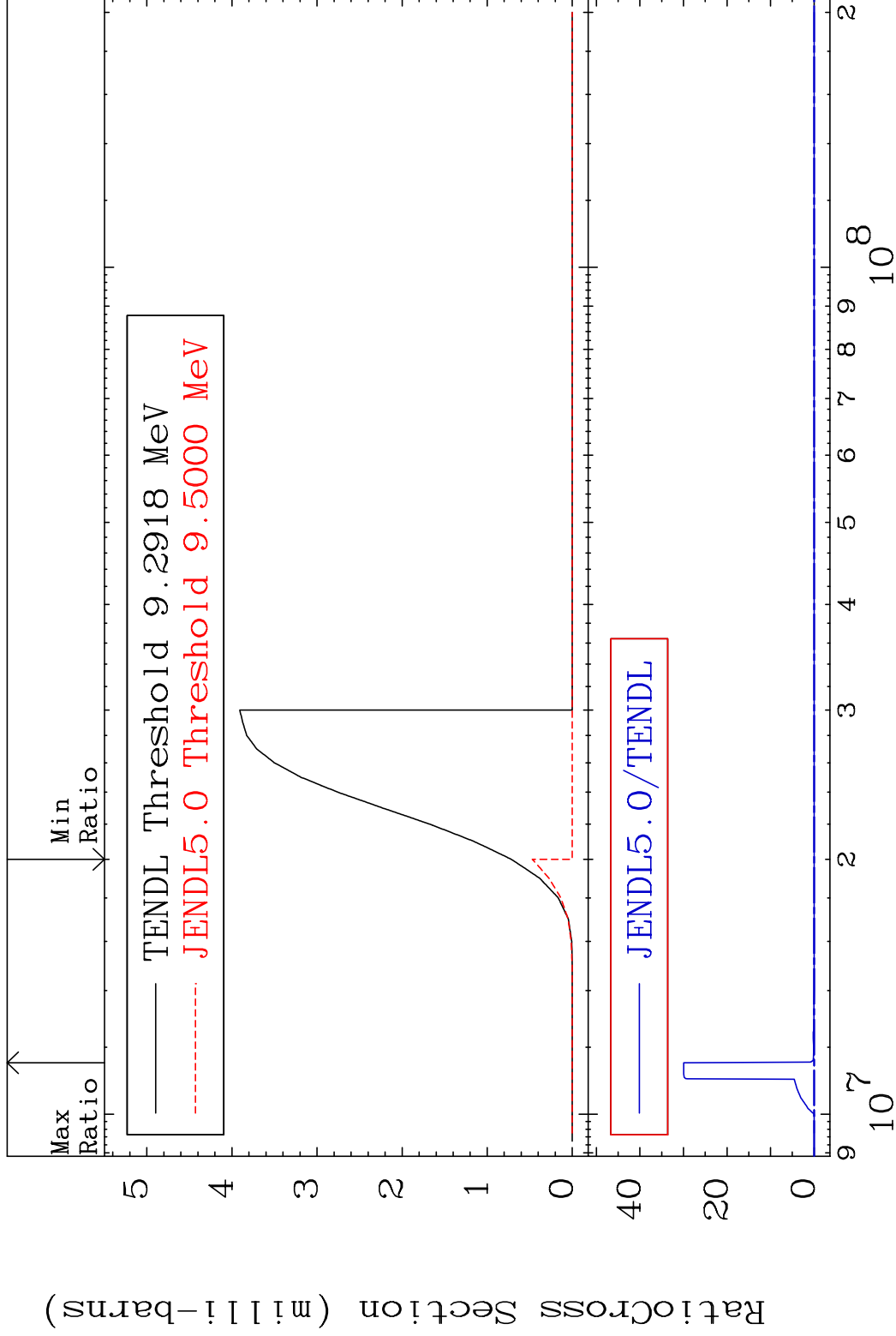


MAT 5449

(n, t)

54-Xe-132

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

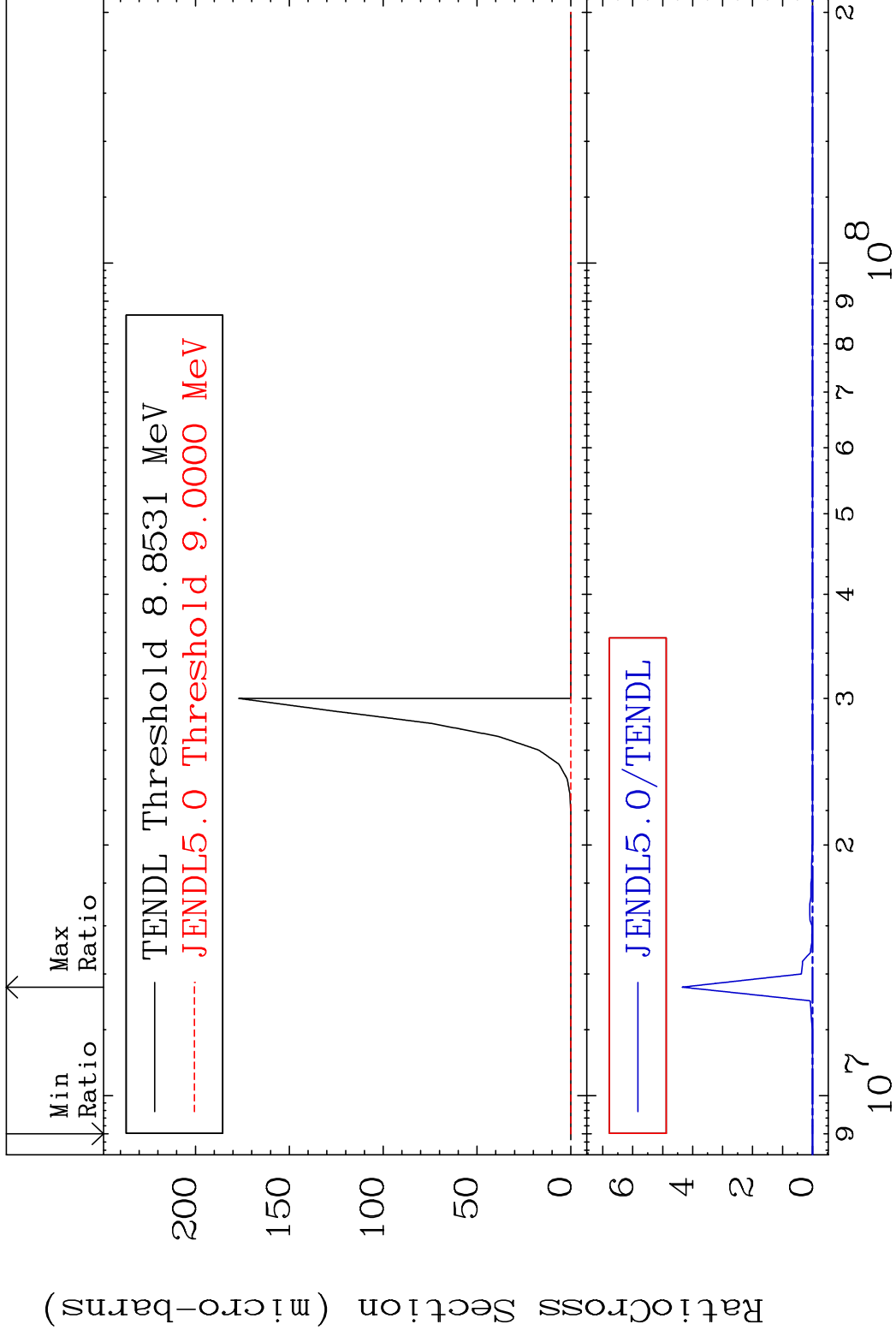
54-Xe-132

MAT 5449

(n, He-3)

54-Xe-132

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

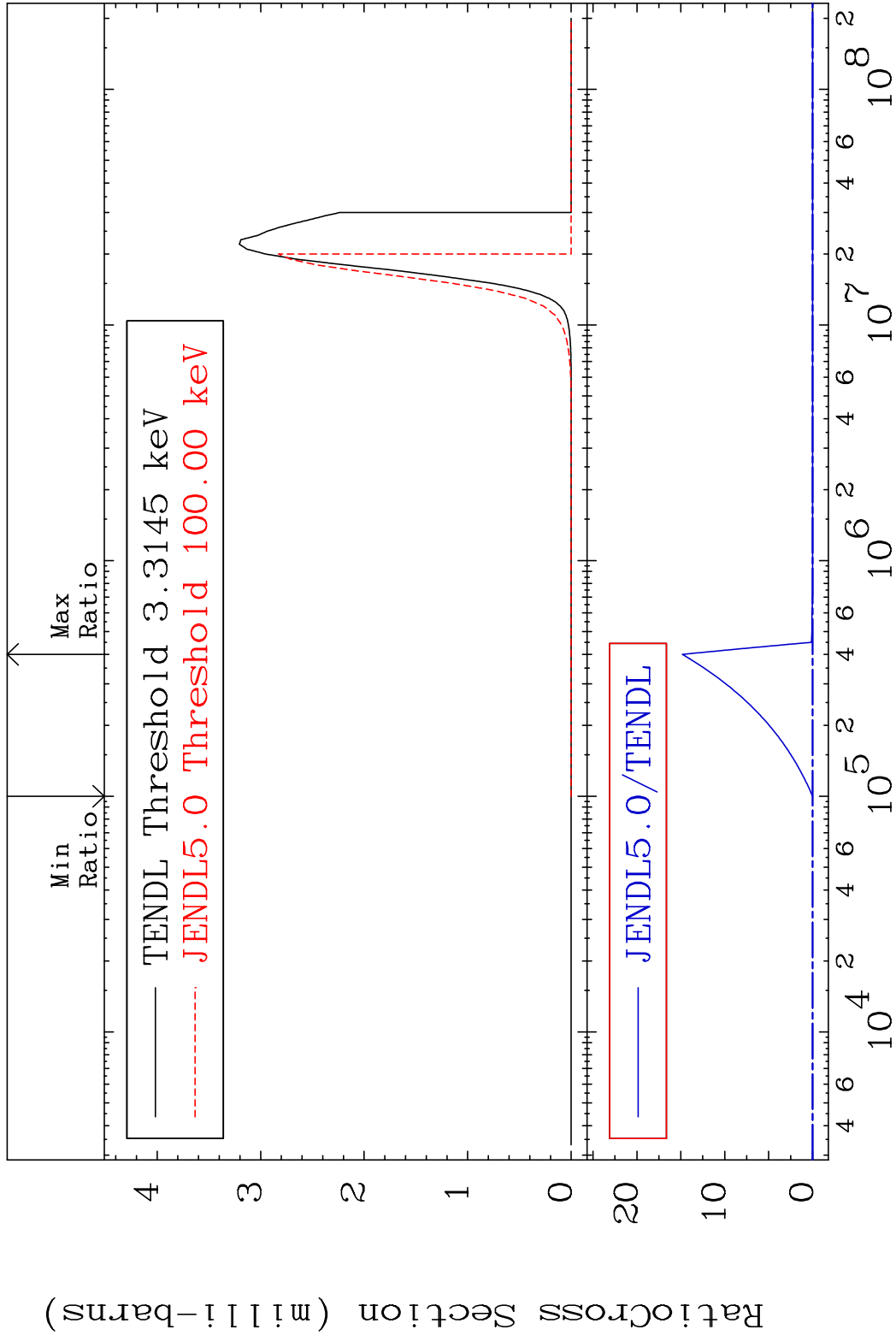
54-Xe-132

MAT 5449

(n,  $\alpha$ )

54-Xe-132

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

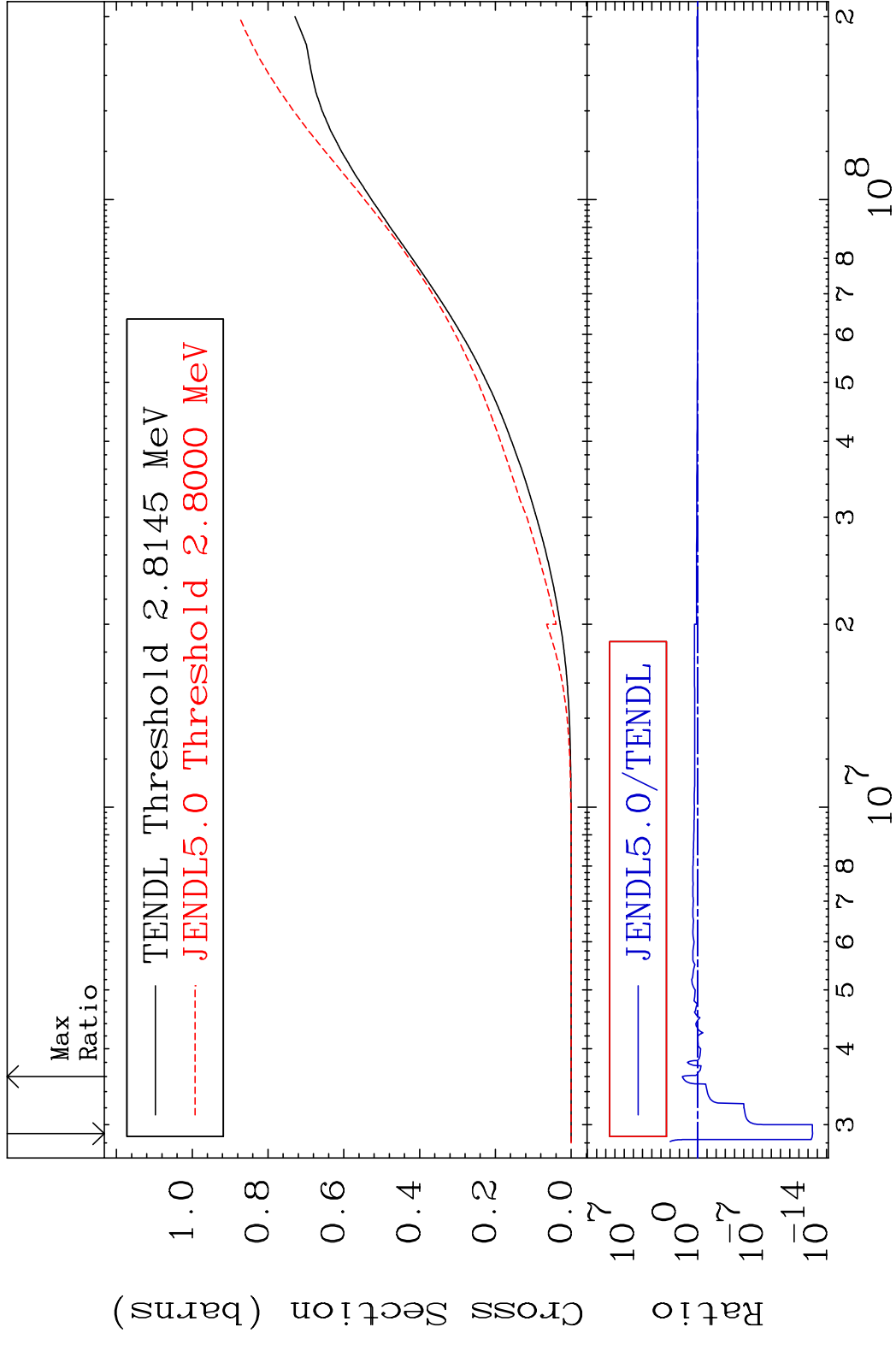
54-Xe-132

MAT 5449

Hydrogen Production

54-Xe-132

Cross Section -100.0 To 4593. %

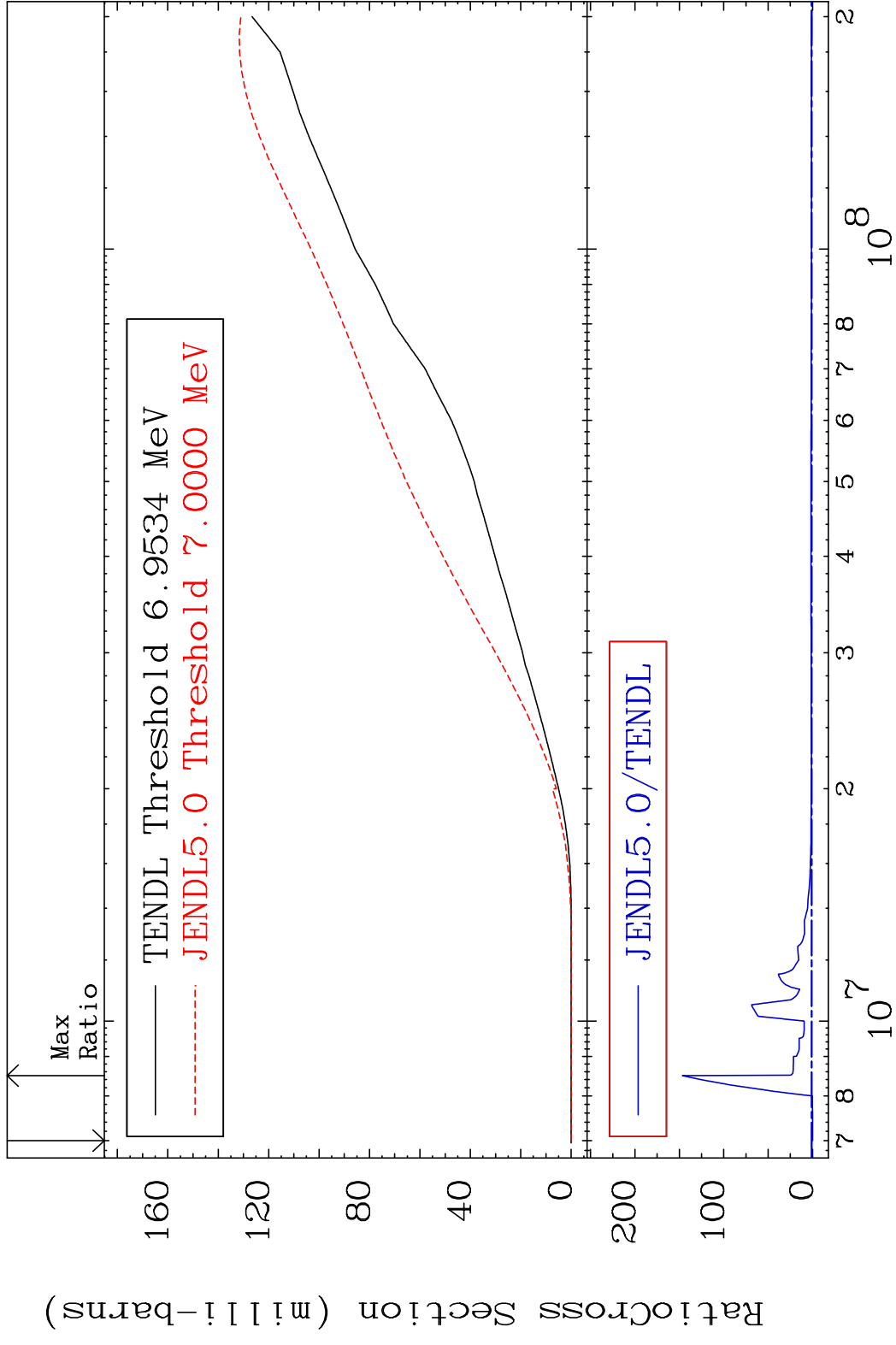


MAT 5449

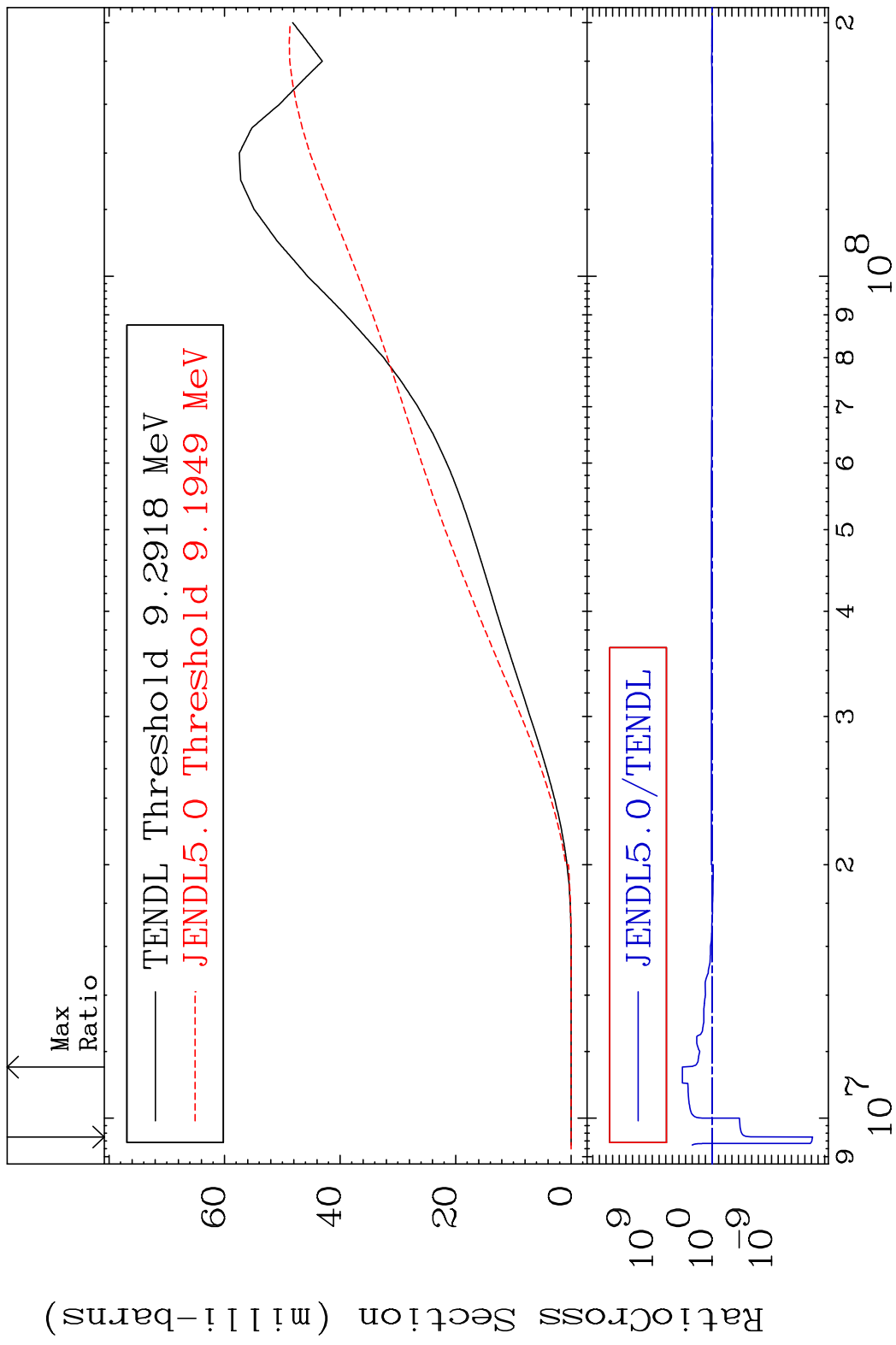
Deuterium Production

54-Xe-132

Cross Section -100.0 To 9999. %



MAT 5449 Tritium Production 54-Xe-132  
 Cross Section -100.0 To 9999. %



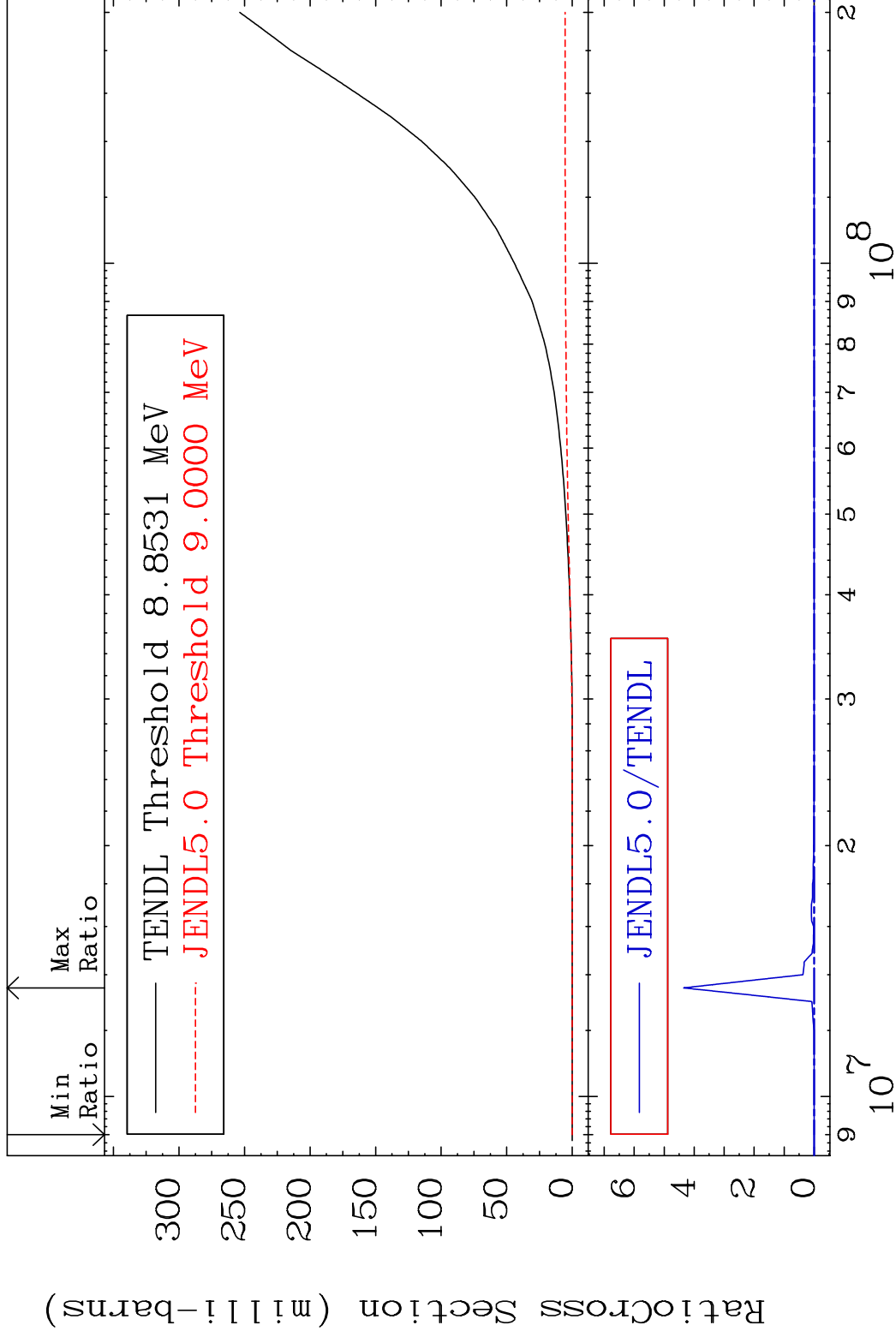
38 Incident Energy (eV) 54-Xe-132

MAT 5449

He-3 Production

54-Xe-132

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

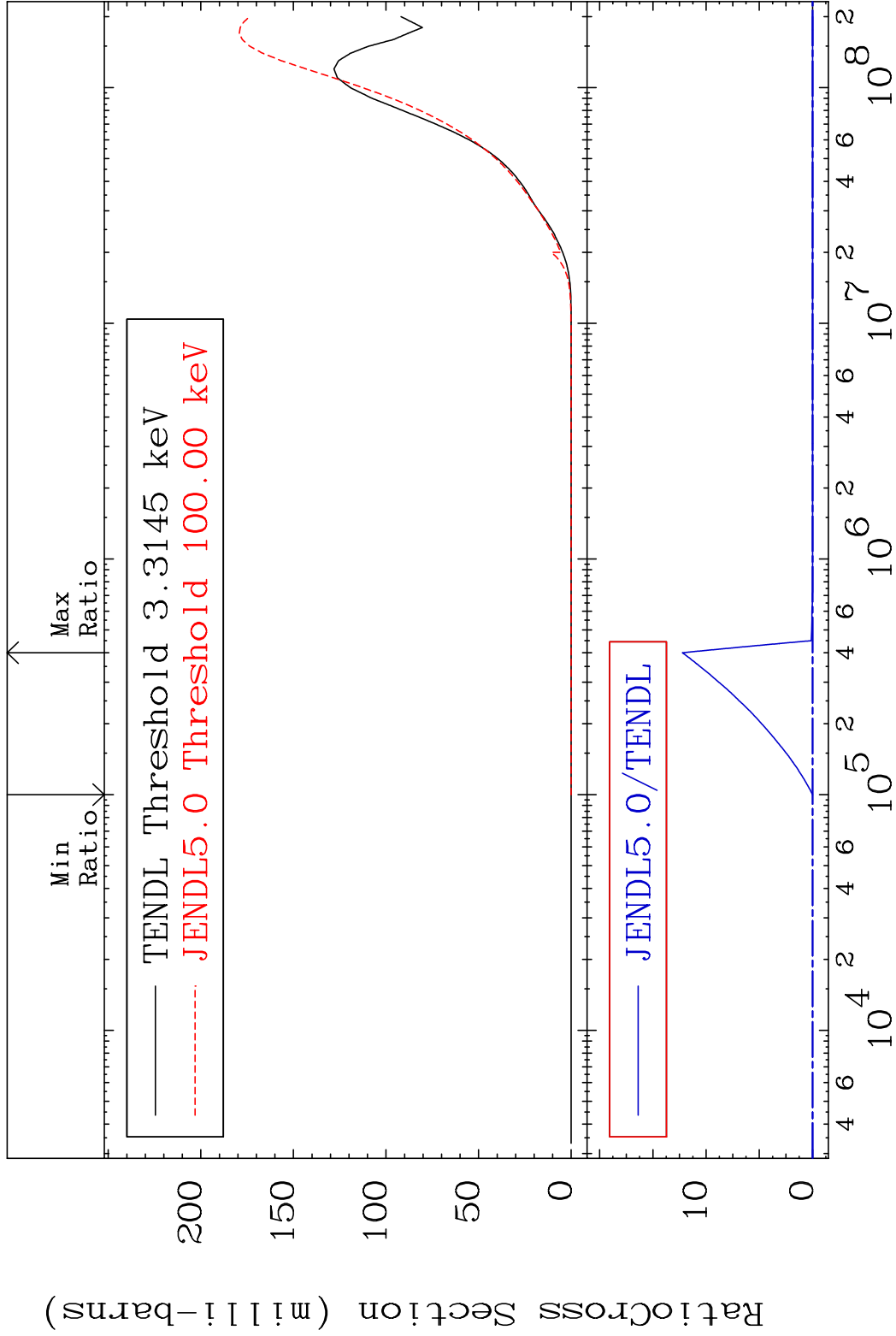
54-Xe-132

MAT 5449

He-4 Production

54-Xe-132

Cross Section -100.0 To 9999. %

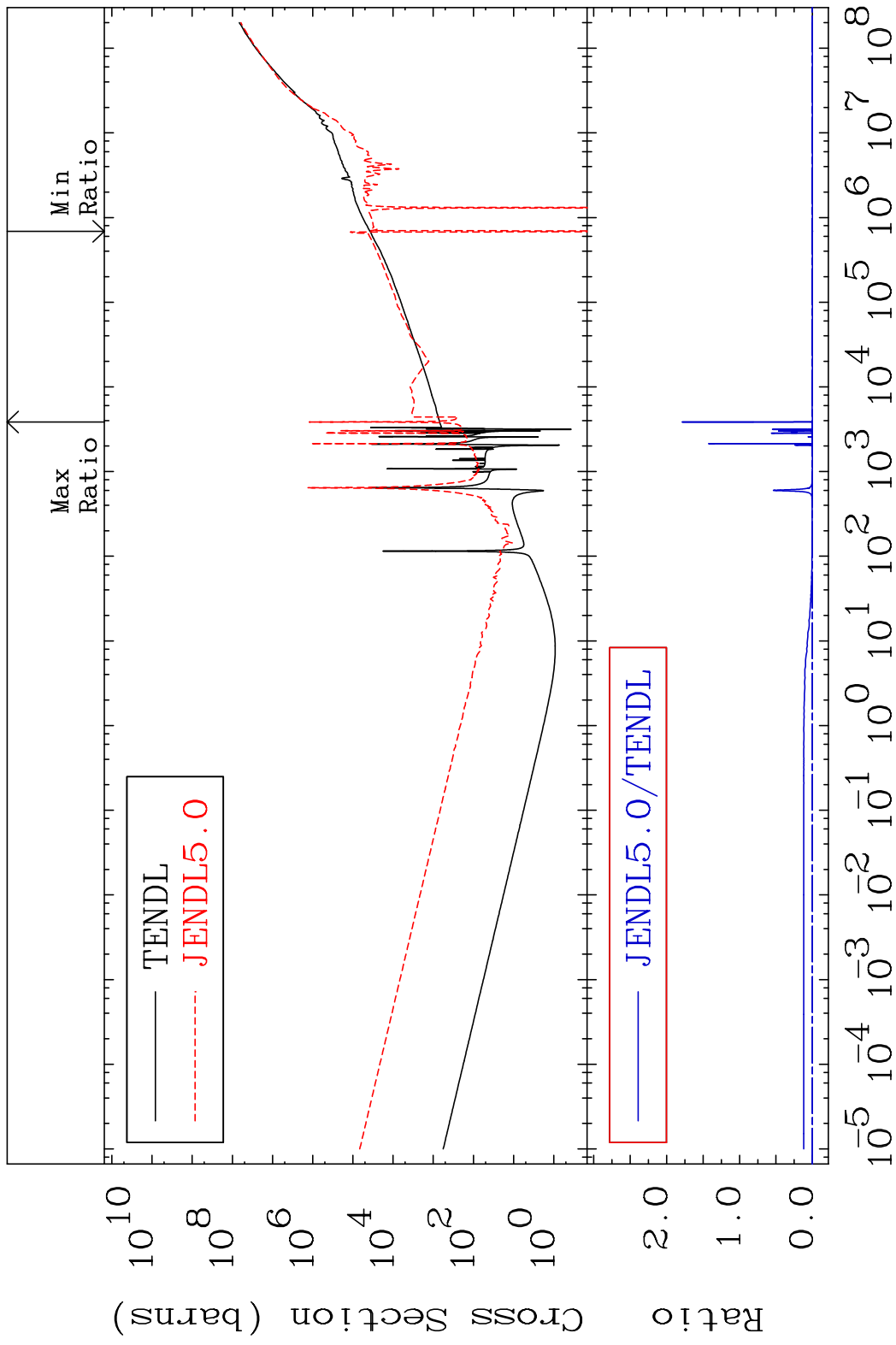


40

Incident Energy (eV)

54-Xe-132

MAT 5449 Kerma total (eV-barns) 54-Xe-132  
 Cross Section -264.3 To 9999. %



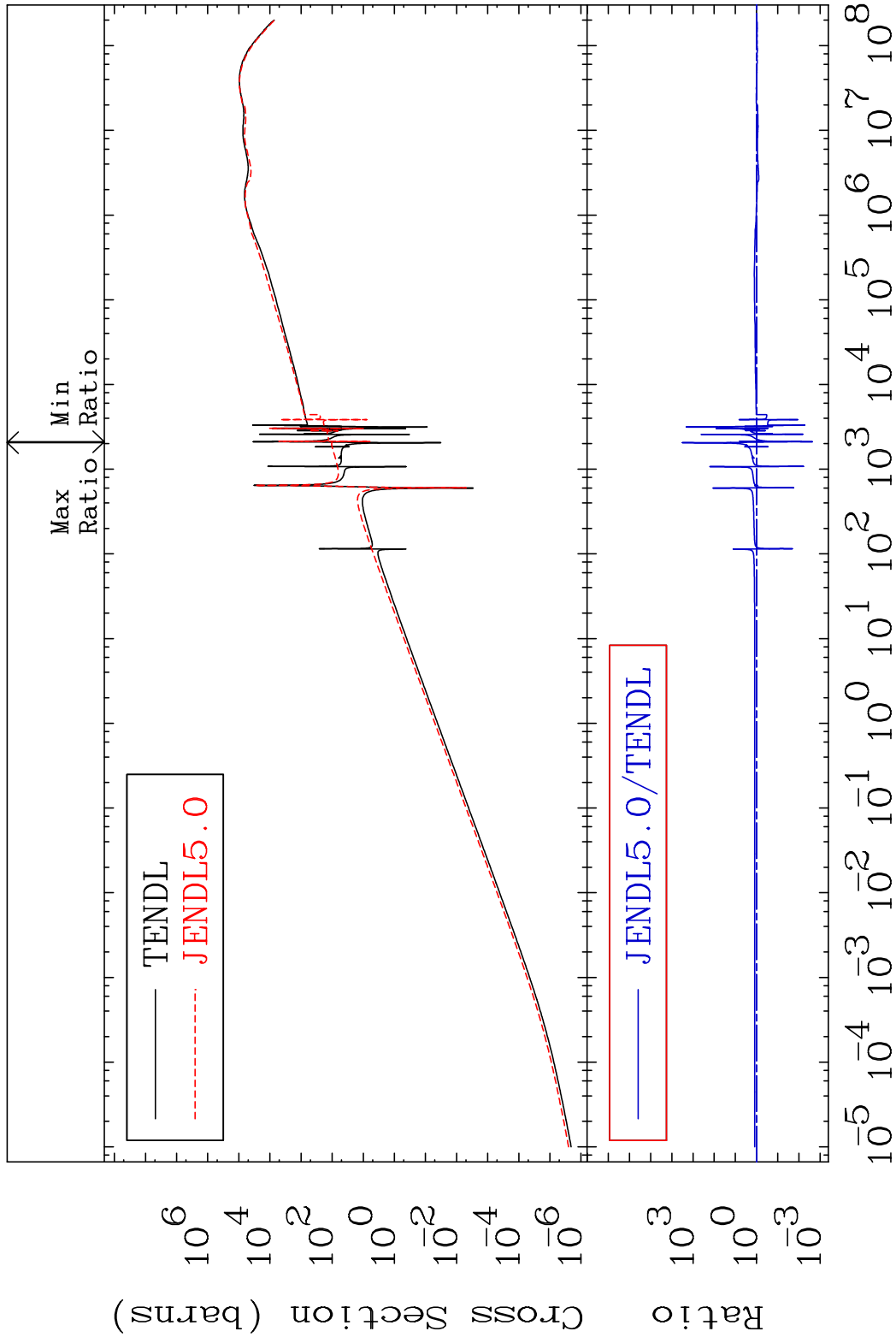
41 Incident Energy (eV) 54-Xe-132

MAT 5449

Kerma elastic

54-Xe-132

Cross Section -99.777 To 9999. %

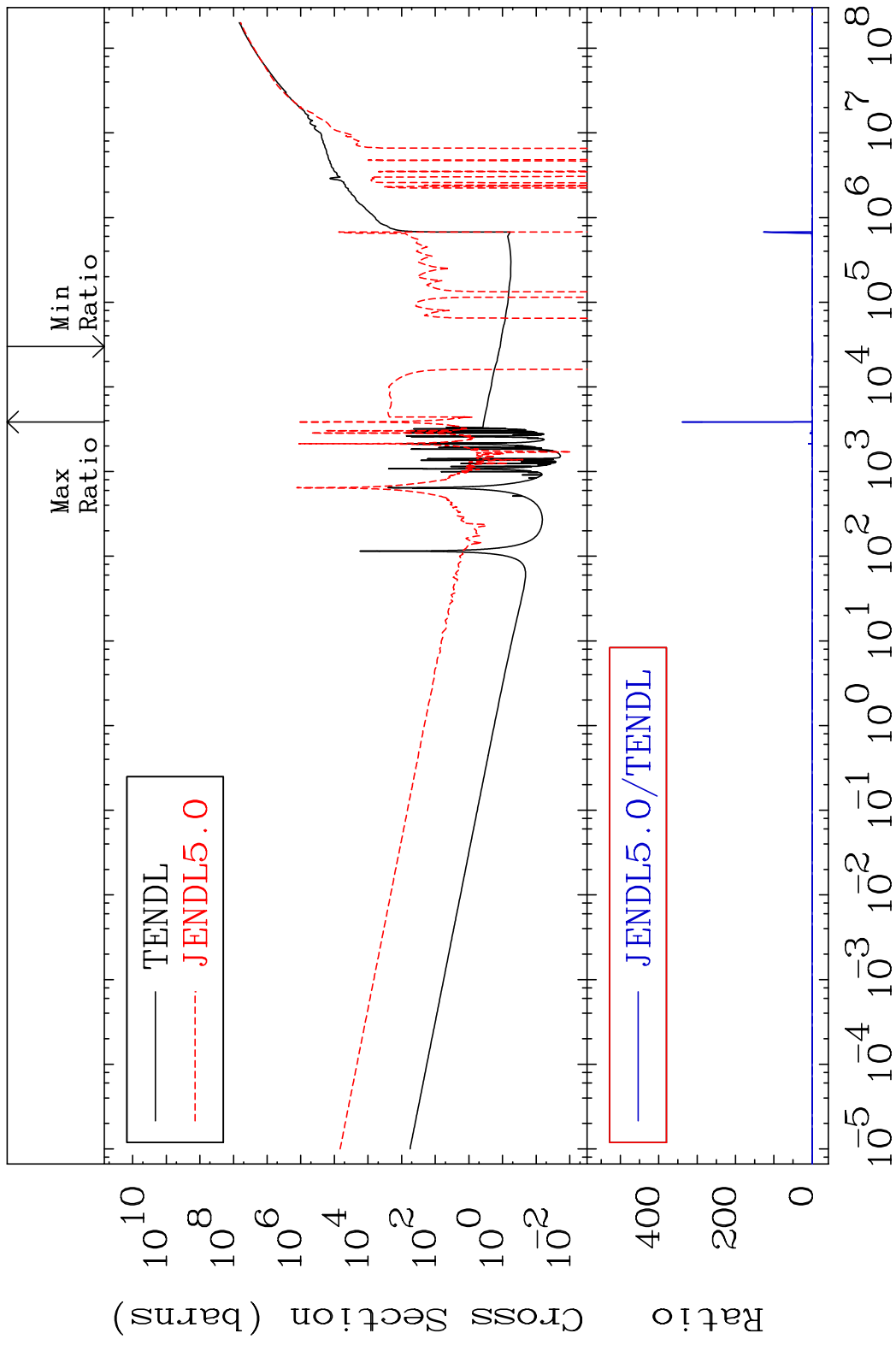


42

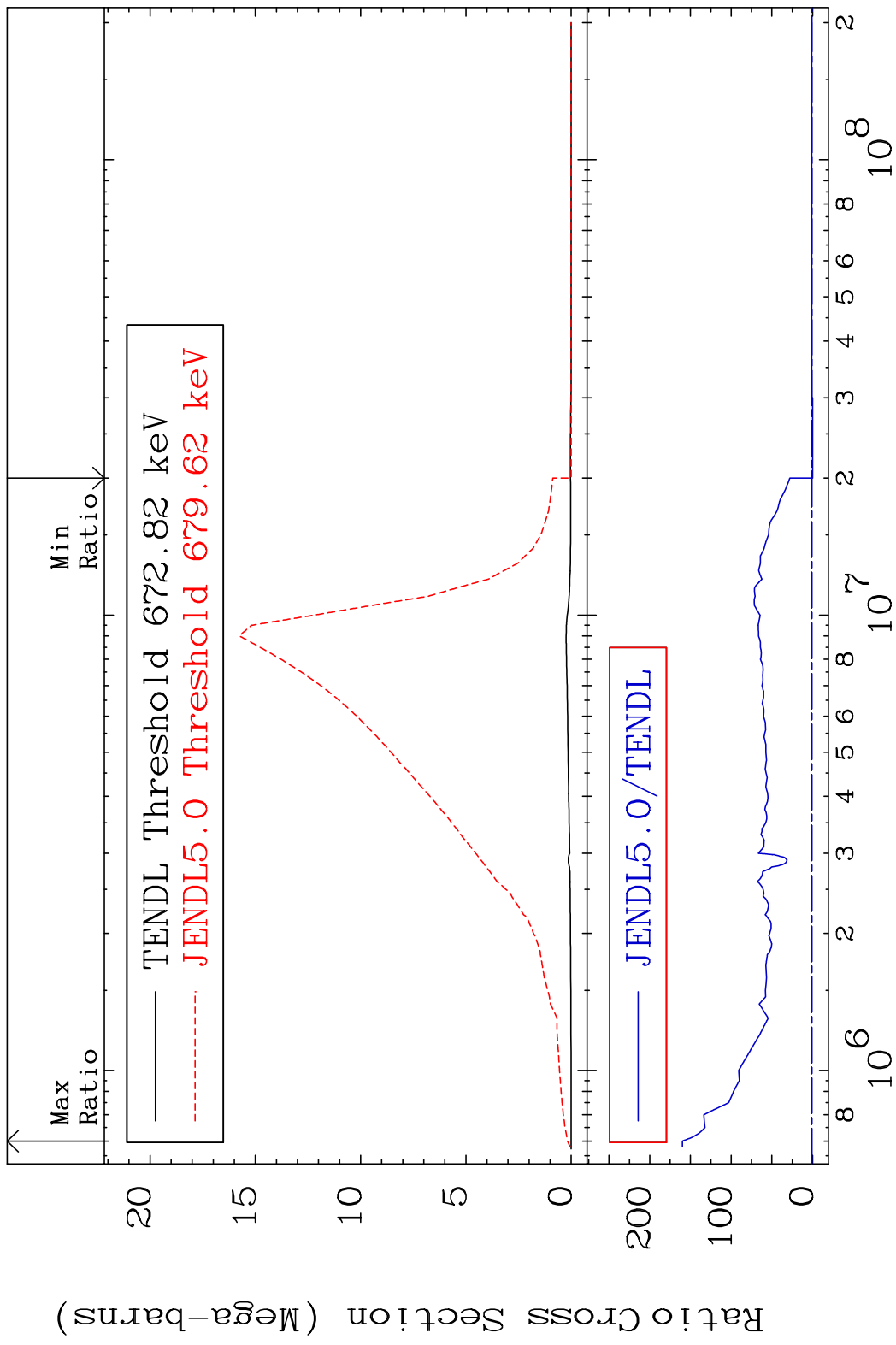
Incident Energy (eV)

54-Xe-132

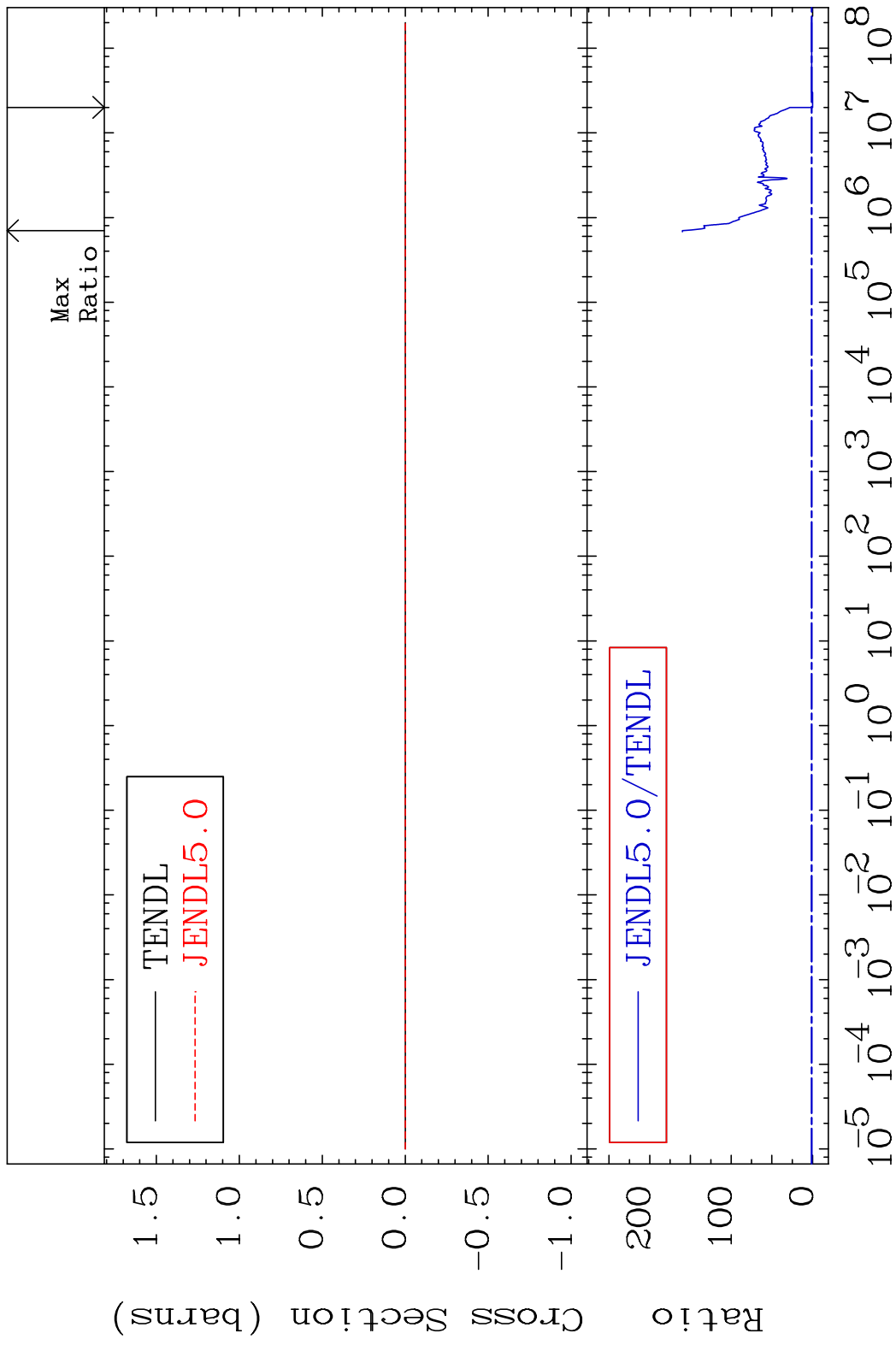
MAT 5449 Kerma non-elastic (all but mt2) 54-Xe-132  
 Cross Section -9999. To 9999. %



MAT 5449 Kerma inelastic (mt51-91) 54-Xe-132  
 Cross Section -100.0 To 9999. %

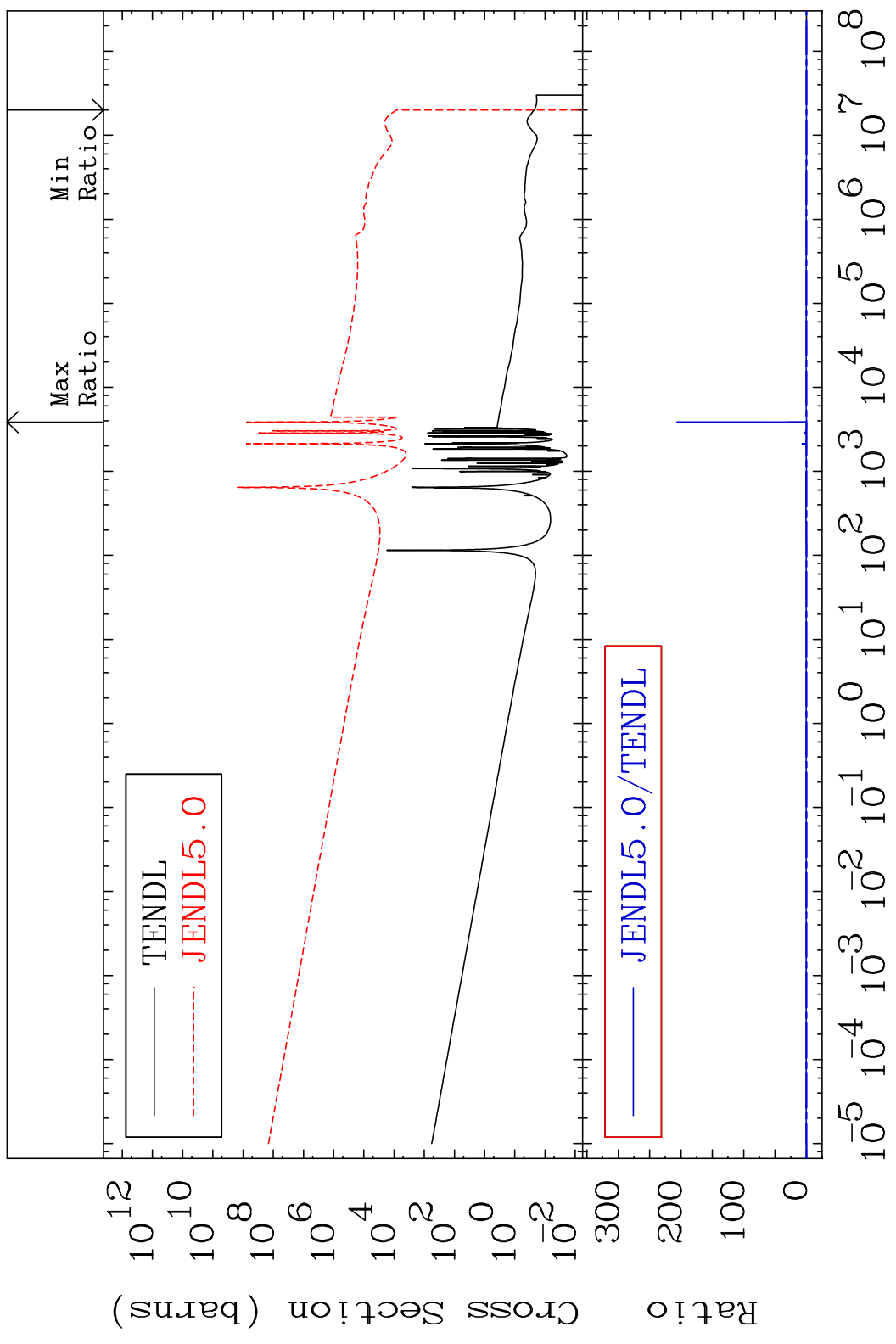


MAT 5449 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-132  
 Cross Section -100.0 To 9999. %



MAT 5449

Kerma capture (mt102) 54-Xe-132  
Cross Section -100.0 To 9999. %

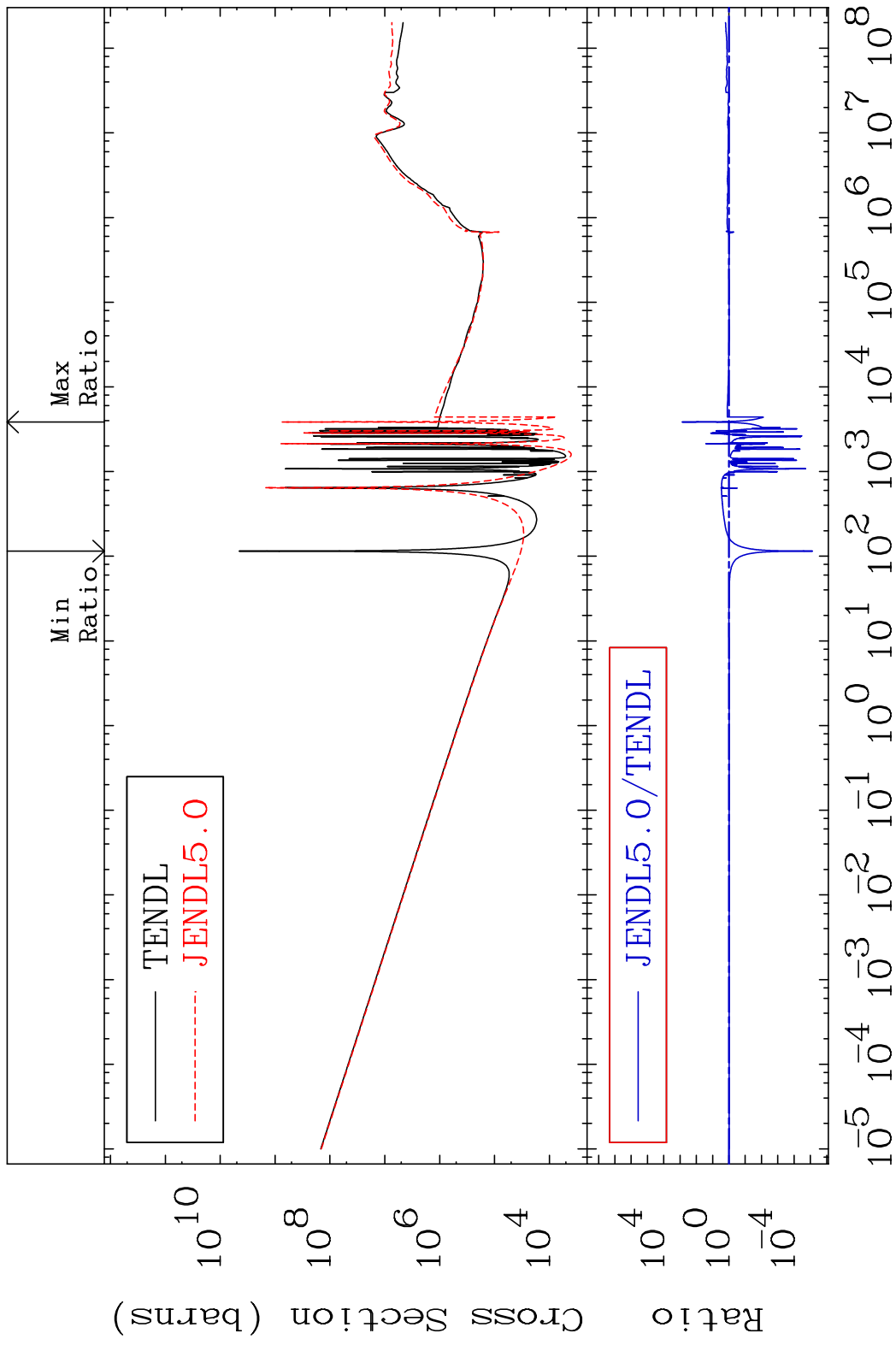


46

Incident Energy (eV)

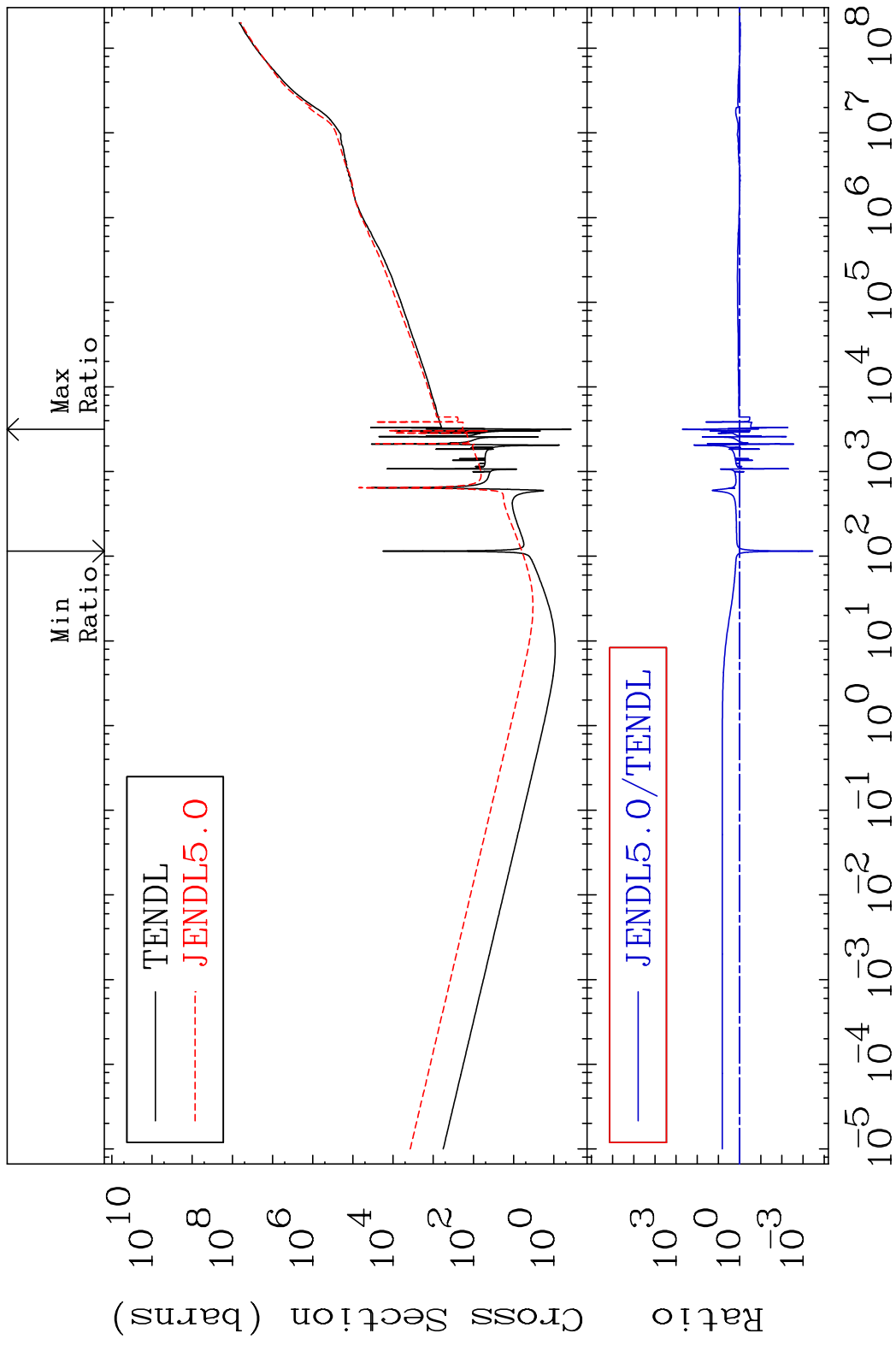
54-Xe-132

MAT 5449 Total photon (eV-barns) 54-Xe-132  
 Cross Section -100.0 To 9999. %

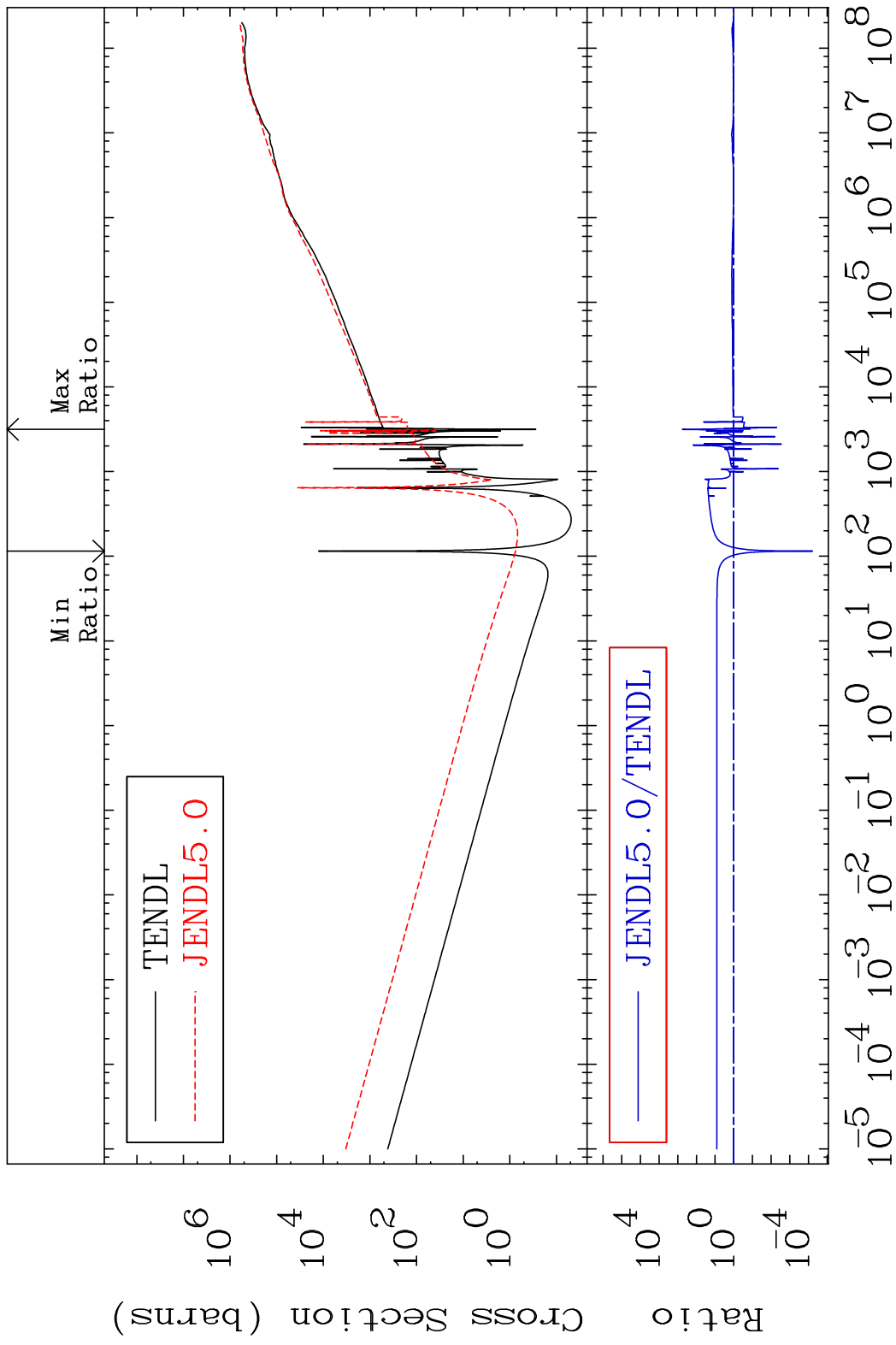


47 Incident Energy (eV) 54-Xe-132

MAT 5449 Total kinematic kerma (high limit) 54-Xe-132  
 Cross Section -99.96 To 9999. %



MAT 5449      Dpa total (eV-barns)      54-Xe-132  
Cross Section      -99.99 To 9999. %

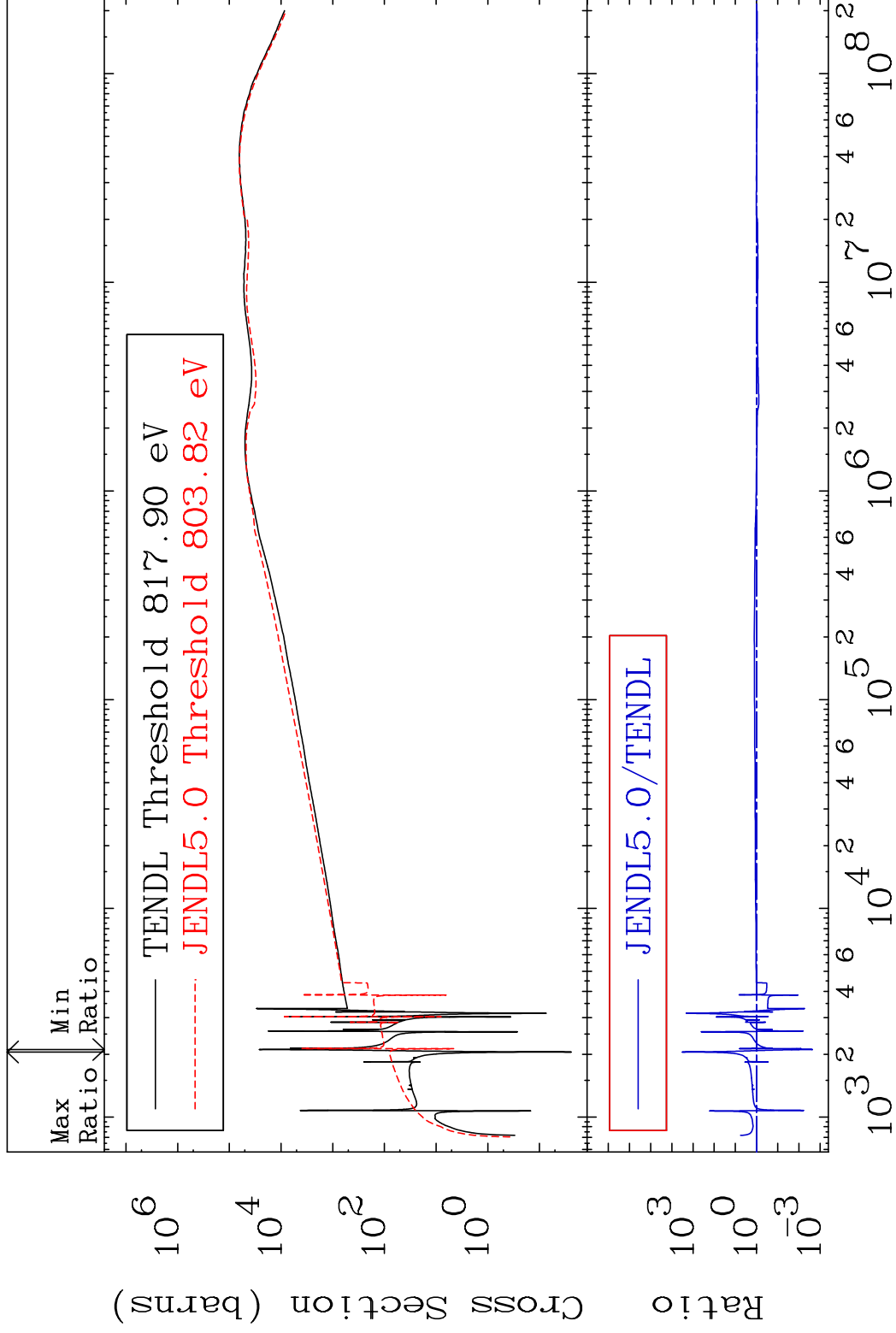


MAT 5449

Dpa elastic (mt2)

54-Xe-132

Cross Section -99.777 To 9999. %

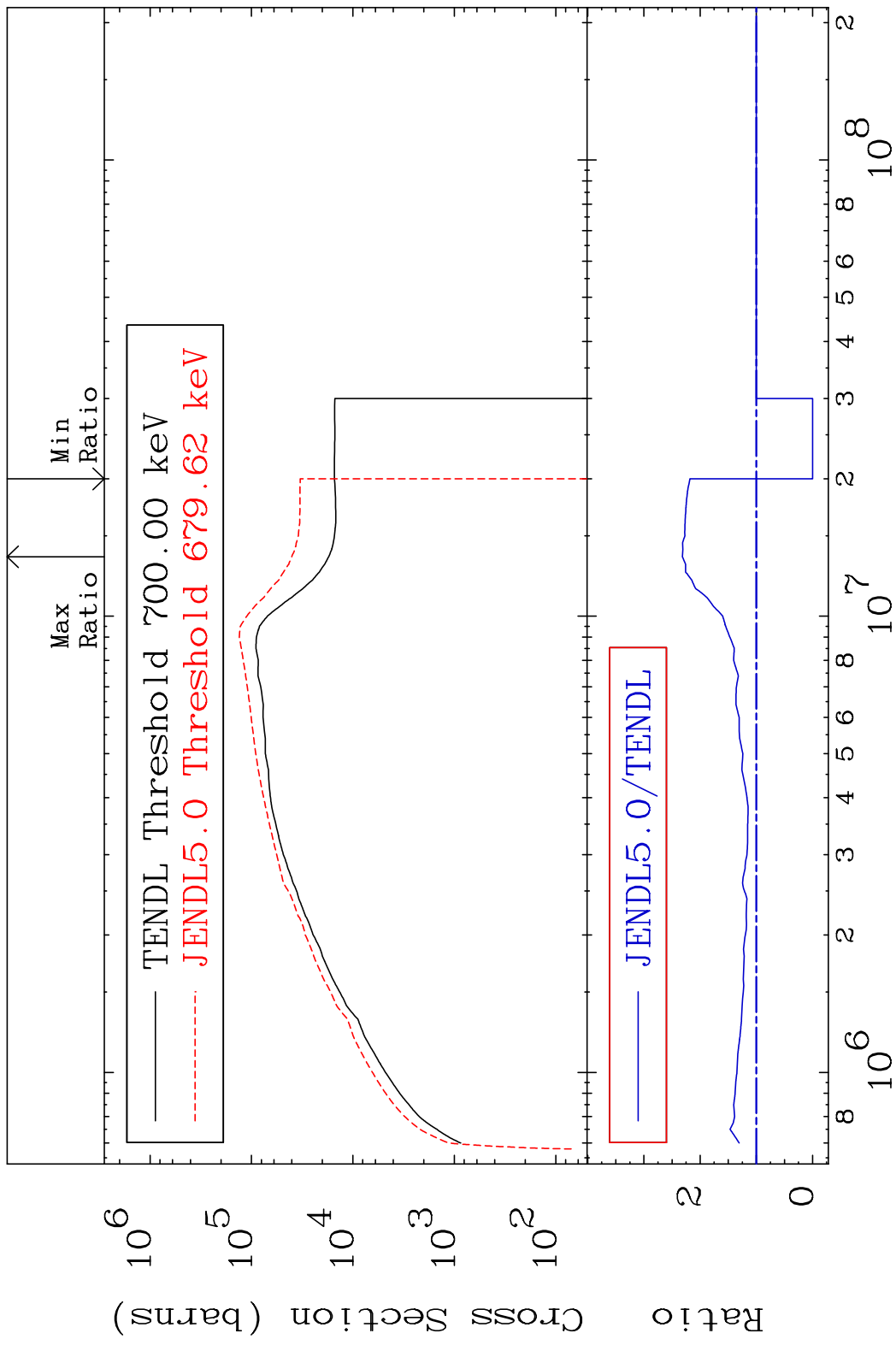


50

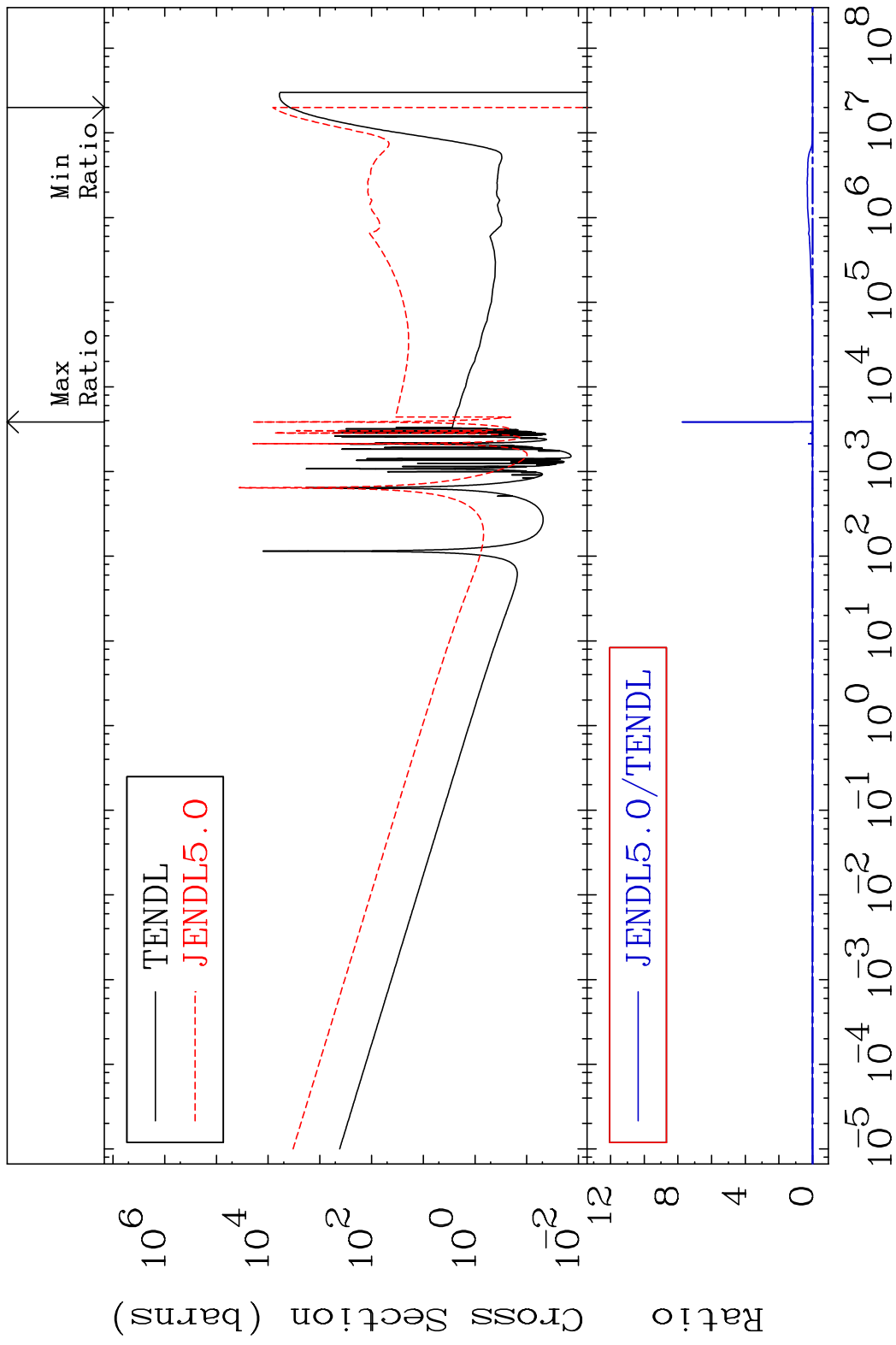
Incident Energy (eV)

54-Xe-132

MAT 5449 Dpa inelastic (mt51-91) 54-Xe-132  
 Cross Section -100.0 To 131.6 %

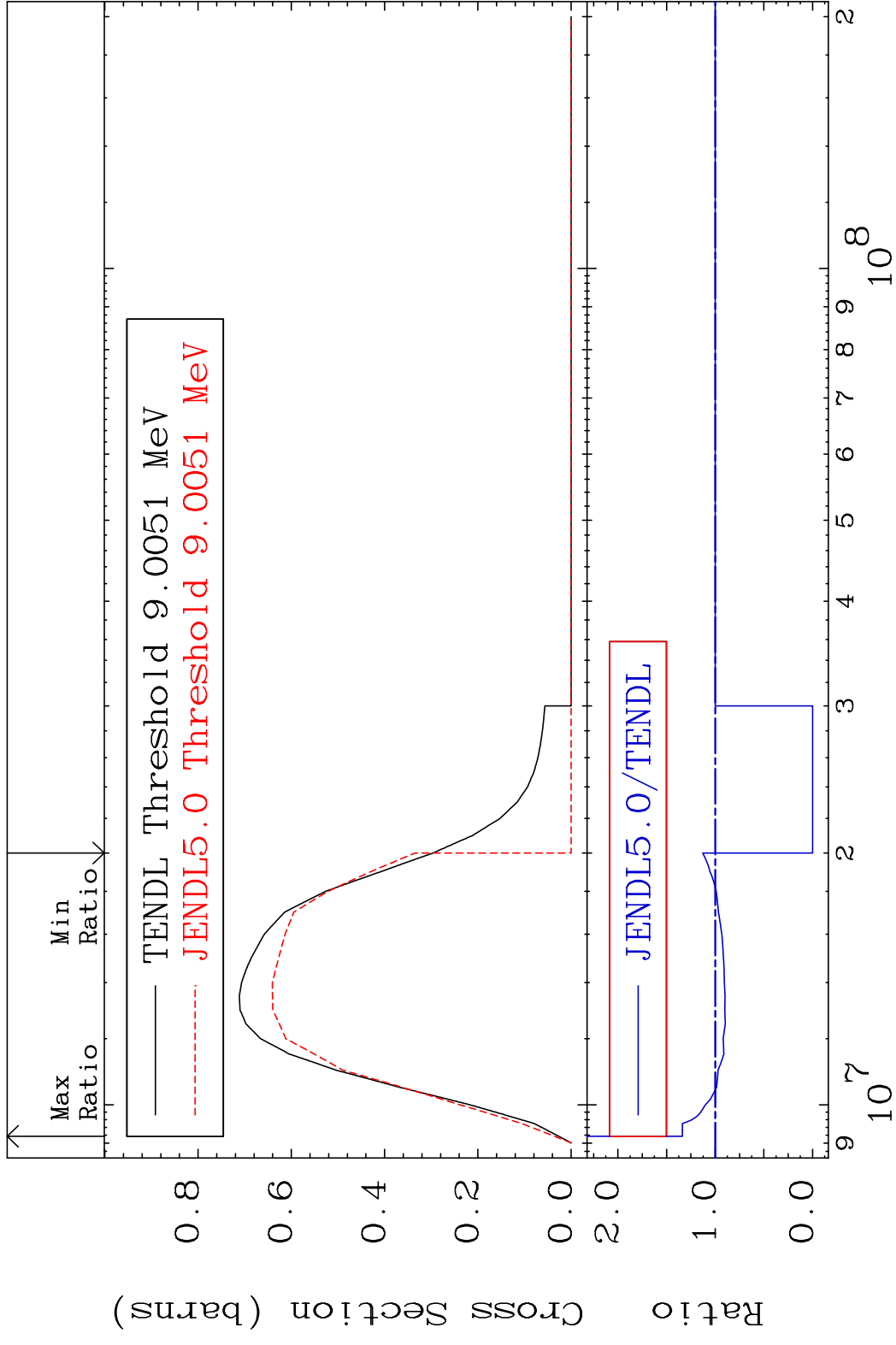


MAT 5449 Dpa disappearance (mt102 -120) 54-Xe-132  
 Cross Section -100.0 To 9999. %

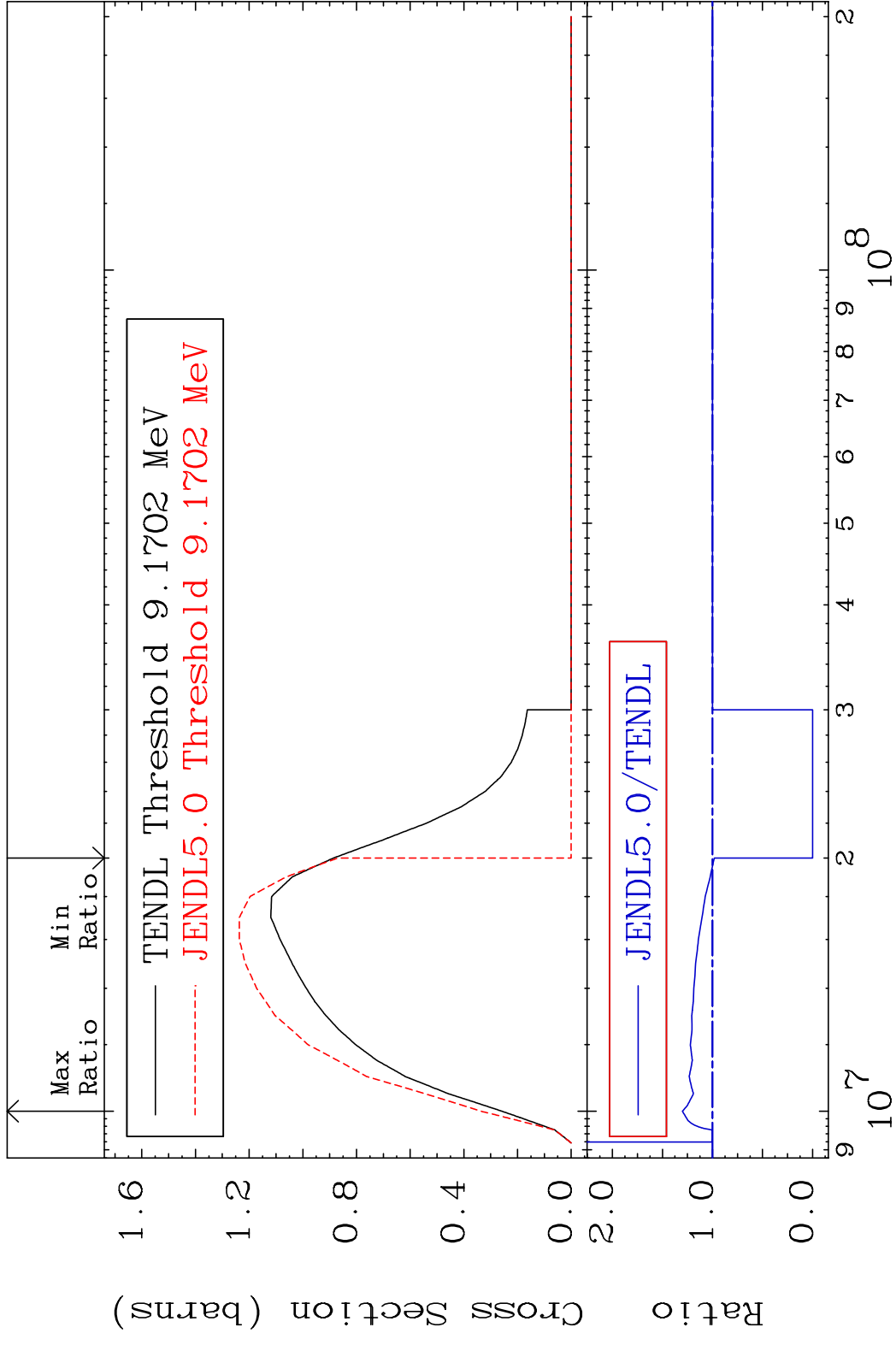


52 Incident Energy (eV) 54-Xe-132

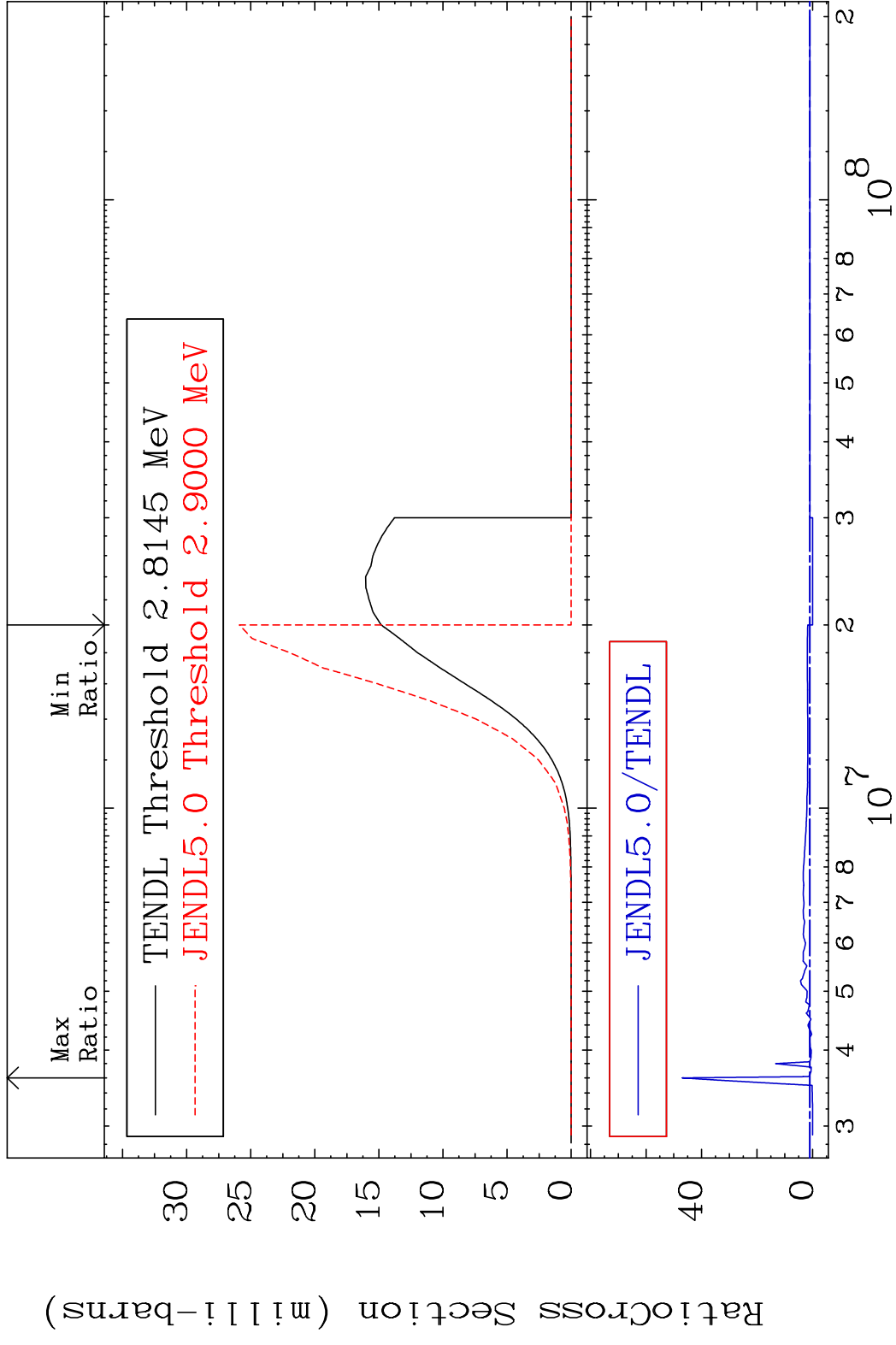
MAT 5449 (n,2n):54-Xe-131g 54-Xe-132  
 Radionuclide Production Cross Section Ratio 33.80 %



MAT 5449 (n,2n):54-Xe-131m2 54-Xe-132  
 Radionuclide Production Cross Section 180.01 dth 30.11 %



MAT 5449 (n,p):53-I -132g 54-Xe-132  
 Radionuclide Production Cross Section 1800.0 dth 4591. %



MAT 5449 (n,p):53-I -132m3 54-Xe-132  
 Radionuclide Production Cross Section 1800 d to 1185. %

