

Program Complot  
(Version 2021-1)

by

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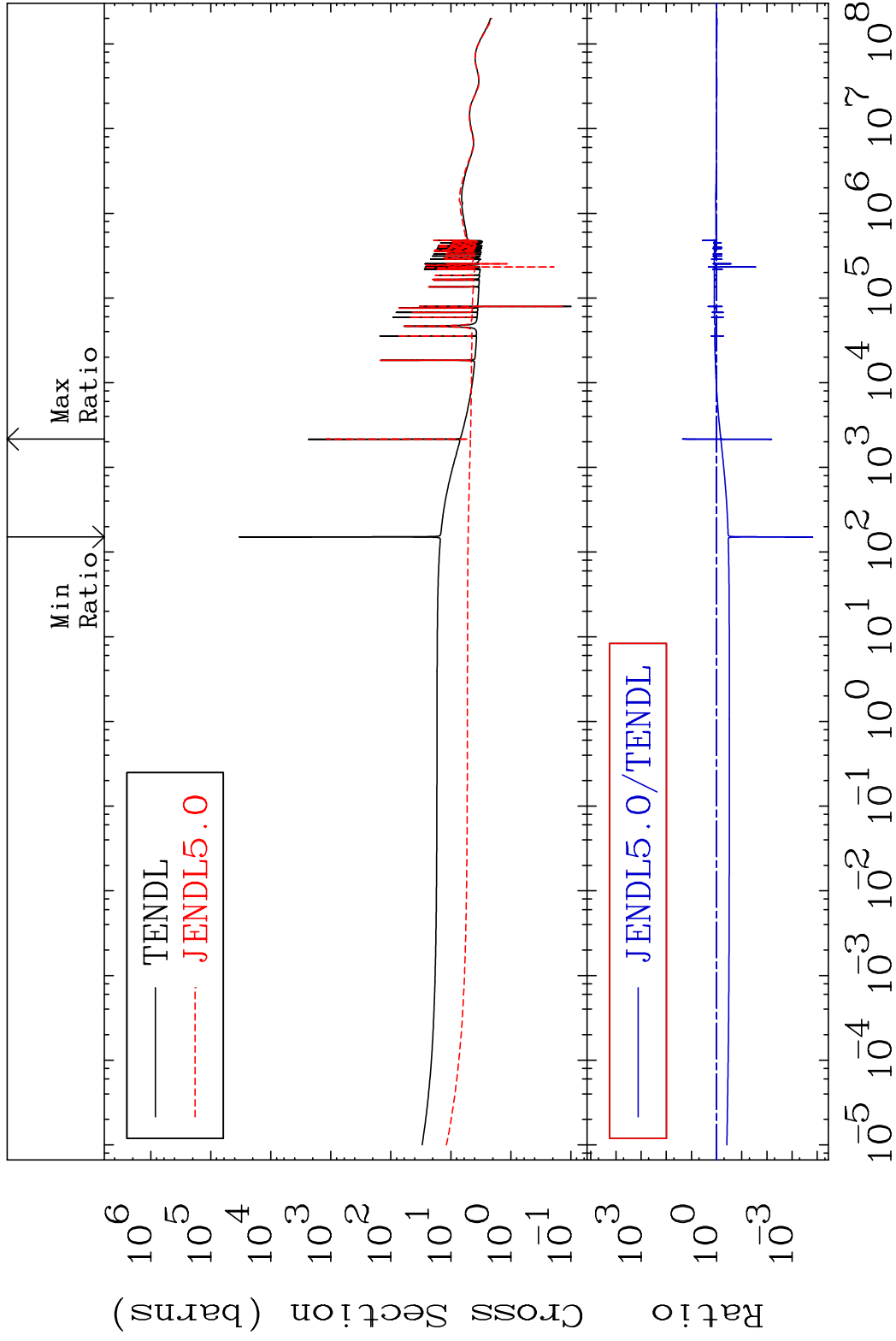
Press Mouse Button to Start

MAT 5461

Total

54-Xe-136

Cross Section -99.98 To 2198. %

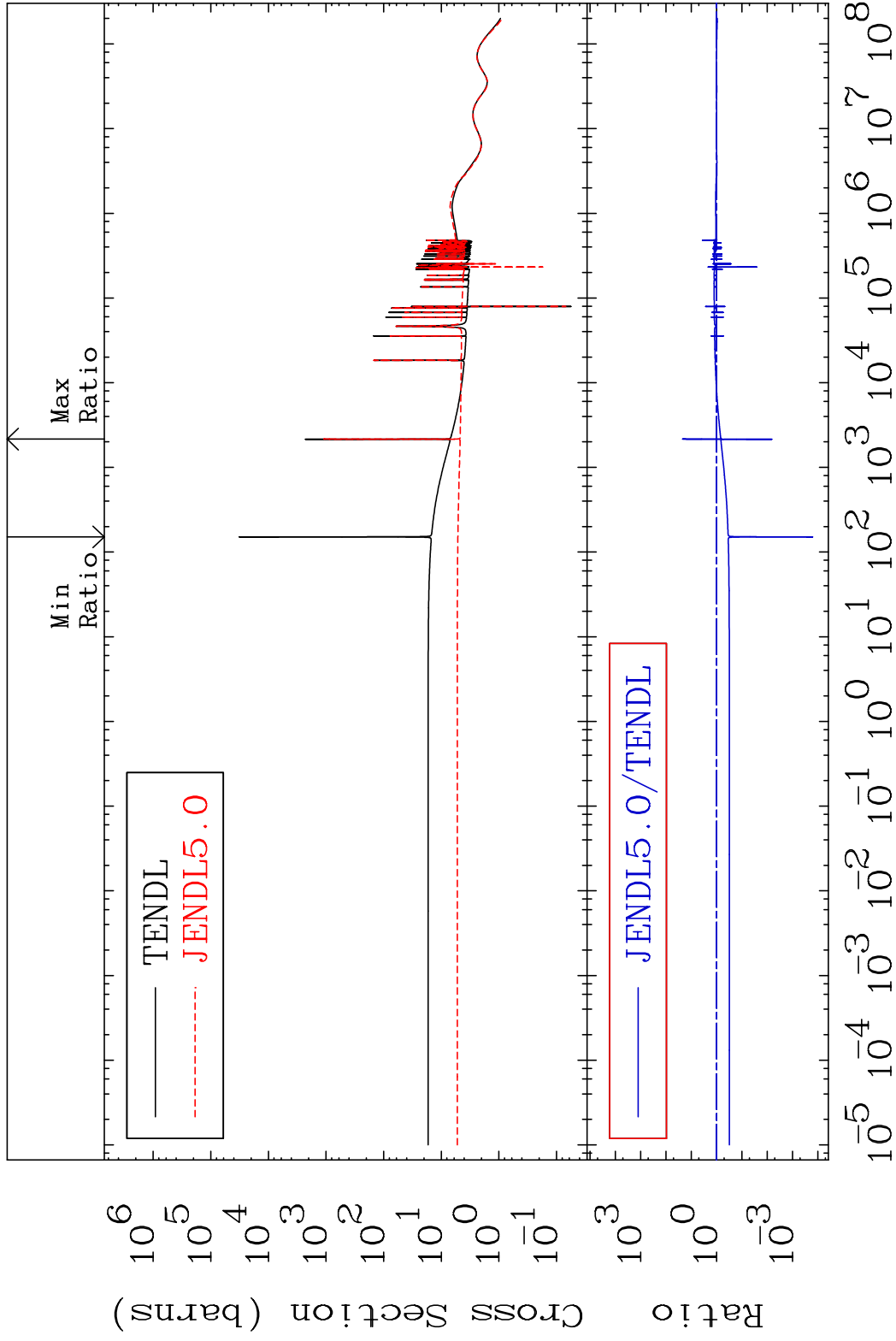


MAT 5461

Elastic

54-Xe-136

Cross Section -99.98 To 2138. %



2

Incident Energy (eV)

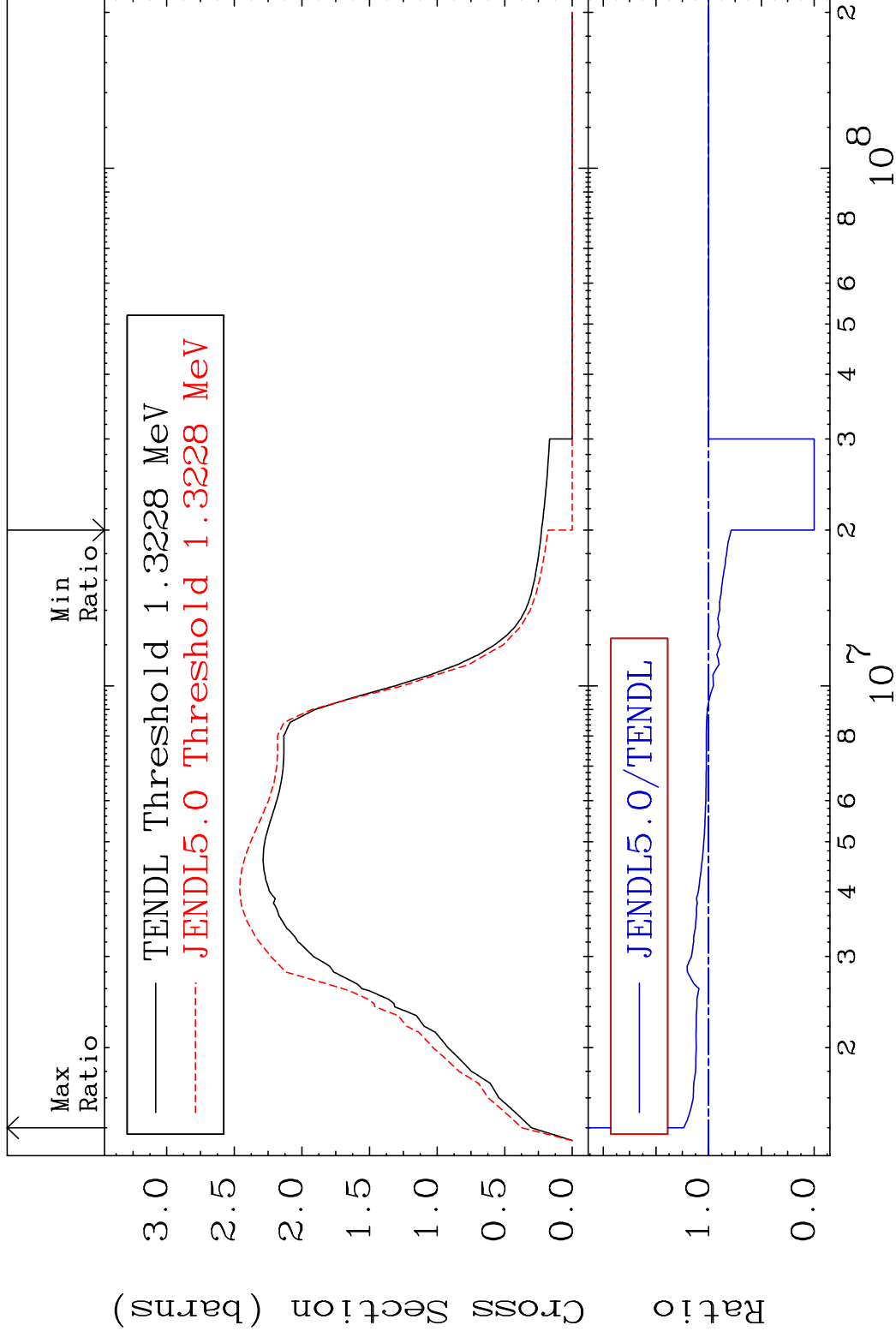
54-Xe-136

MAT 5461

Inelastic

54-Xe-136

Cross Section -100.0 To 23.75 %



3

Incident Energy (eV)

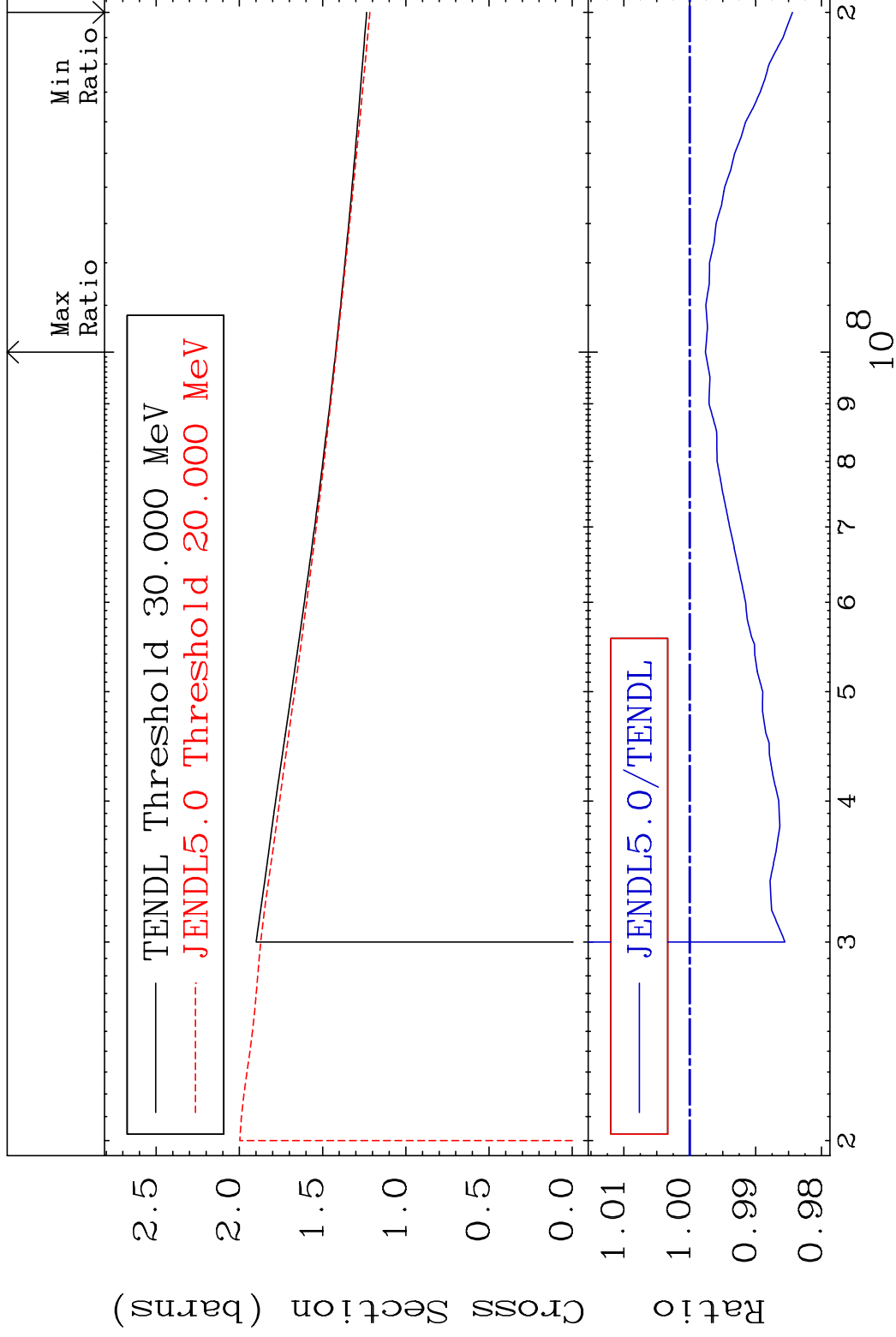
54-Xe-136

MAT 5461

(n, remainder)

54-Xe-136

Cross Section -1.566 To -0.237%



4

Incident Energy (eV)

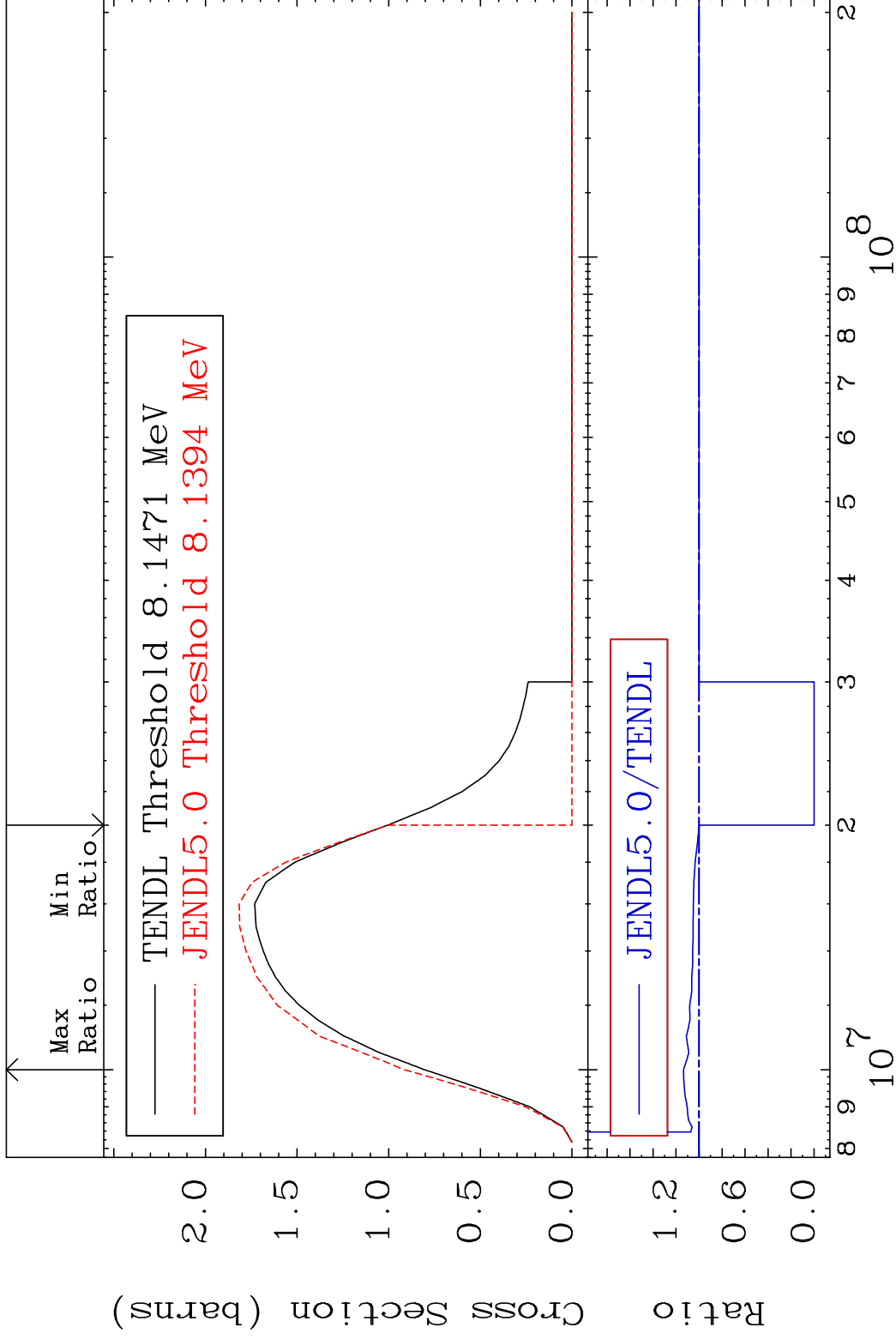
54-Xe-136

MAT 5461

(n,2n)

54-Xe-136

Cross Section -100.0 To 13.54 %



5

Incident Energy (eV)

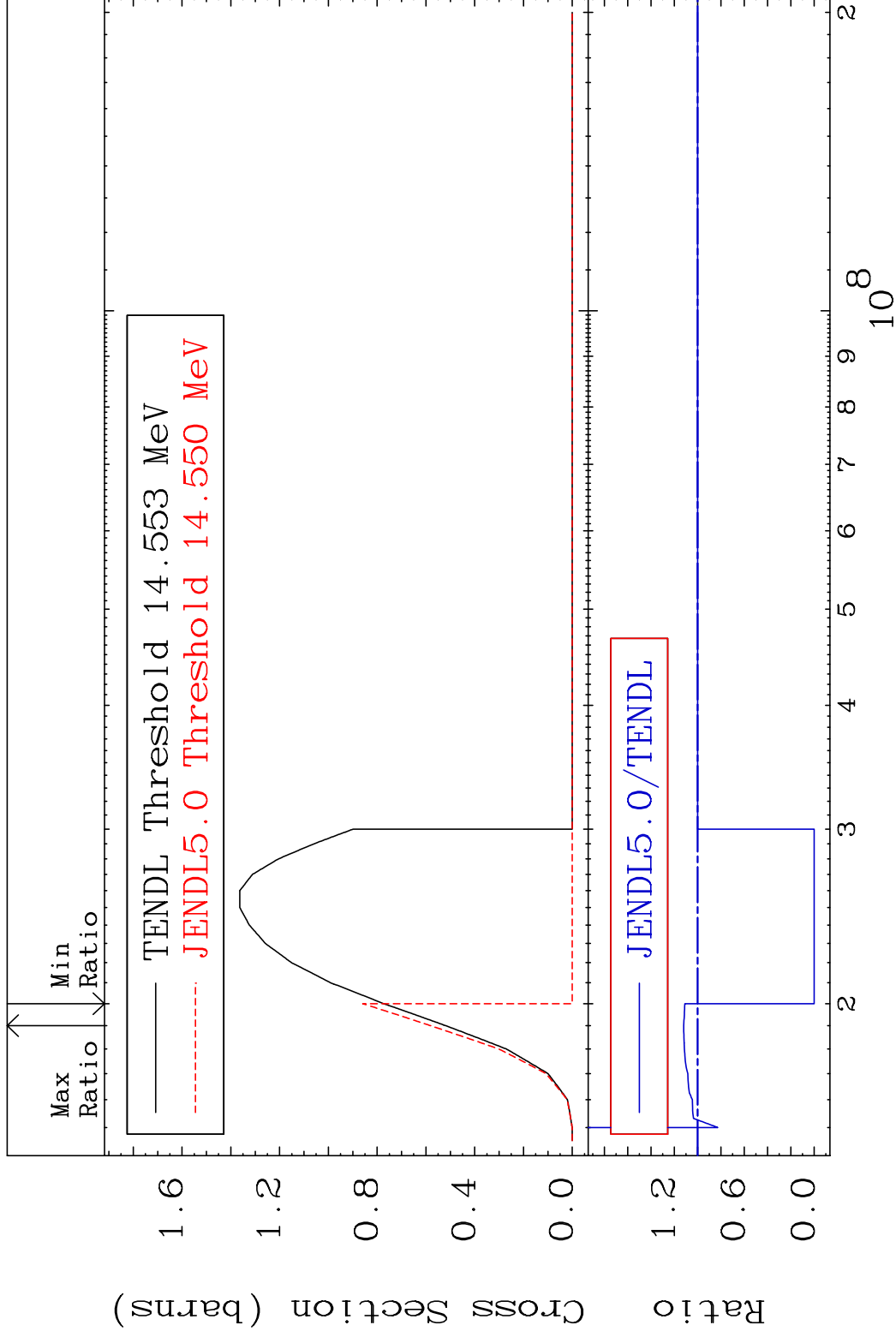
54-Xe-136

MAT 5461

(n,3n)

54-Xe-136

Cross Section -100.0 To 11.99 %



6

Incident Energy (eV)

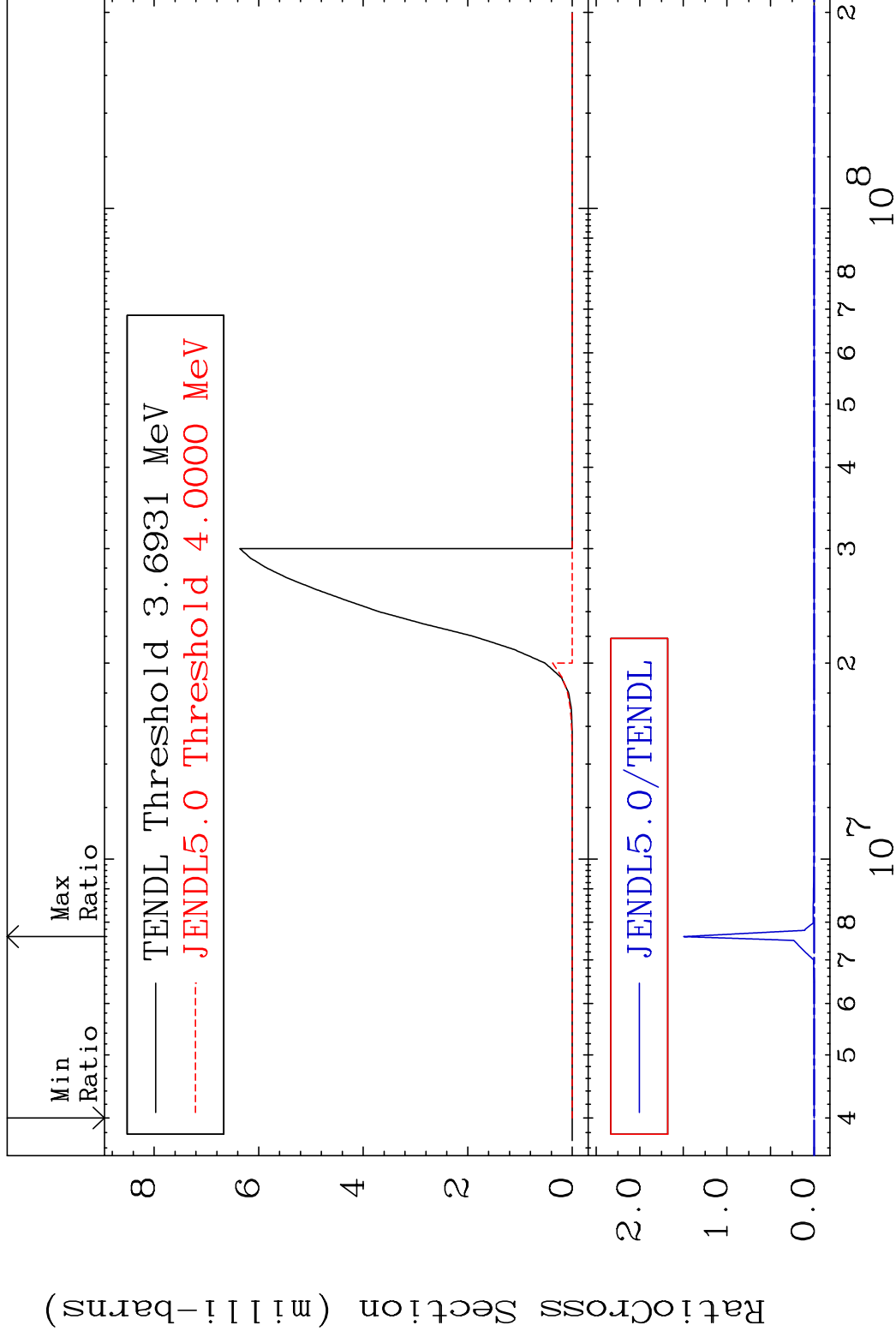
54-Xe-136

MAT 5461

(n, n')  $\alpha$

54-Xe-136

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

54-Xe-136

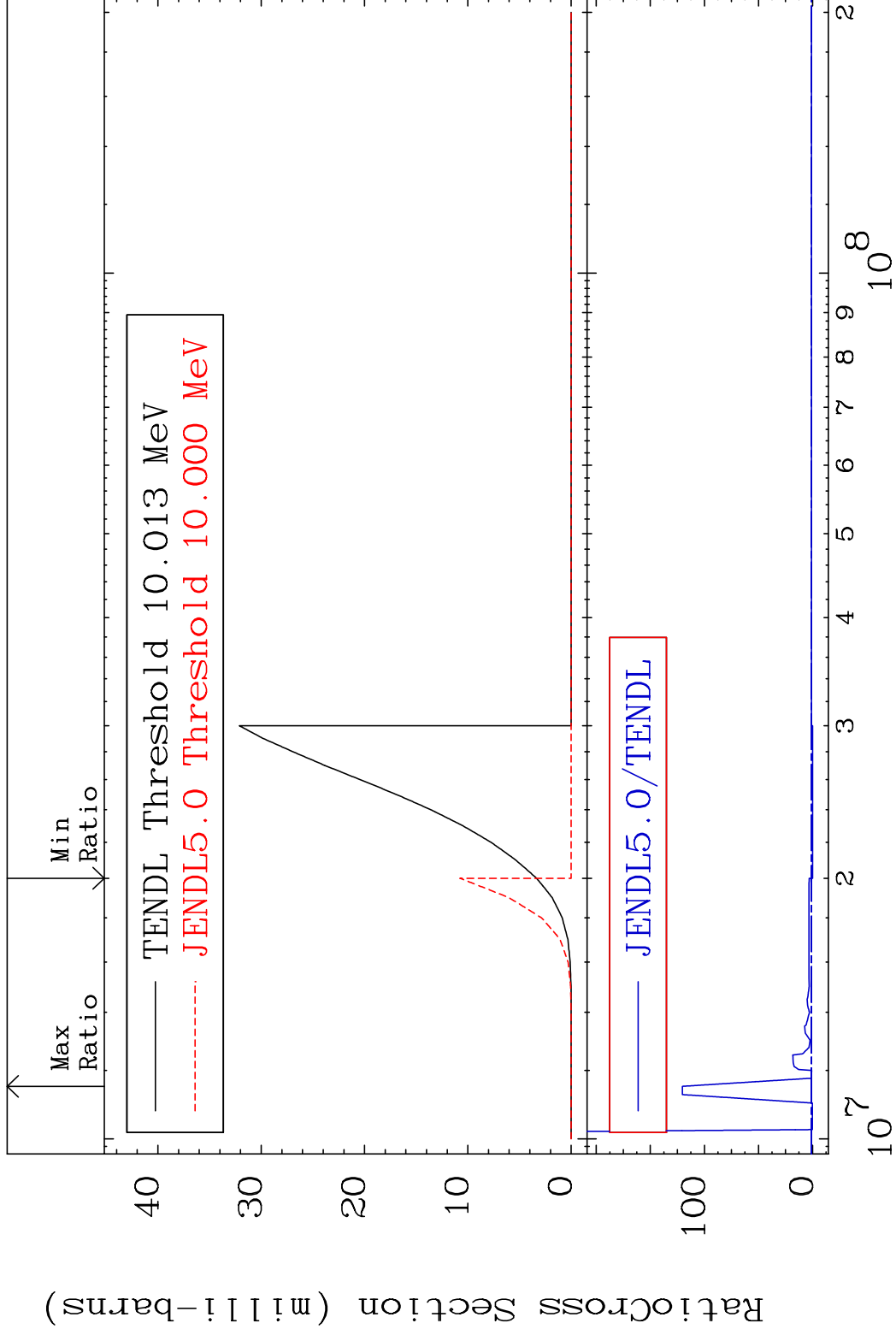


MAT 5461

(n, n') p

54-Xe-136

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

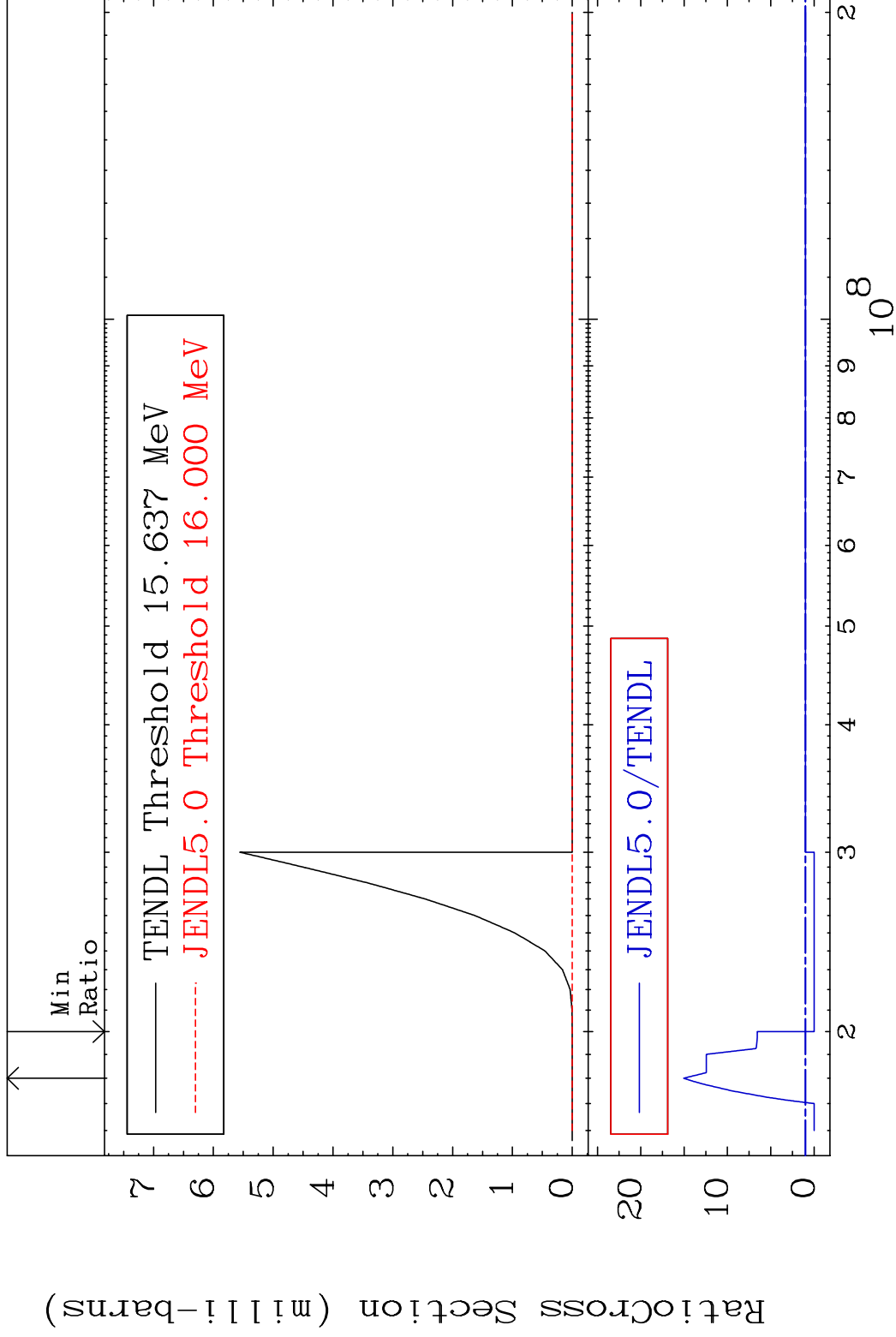
54-Xe-136

MAT 5461

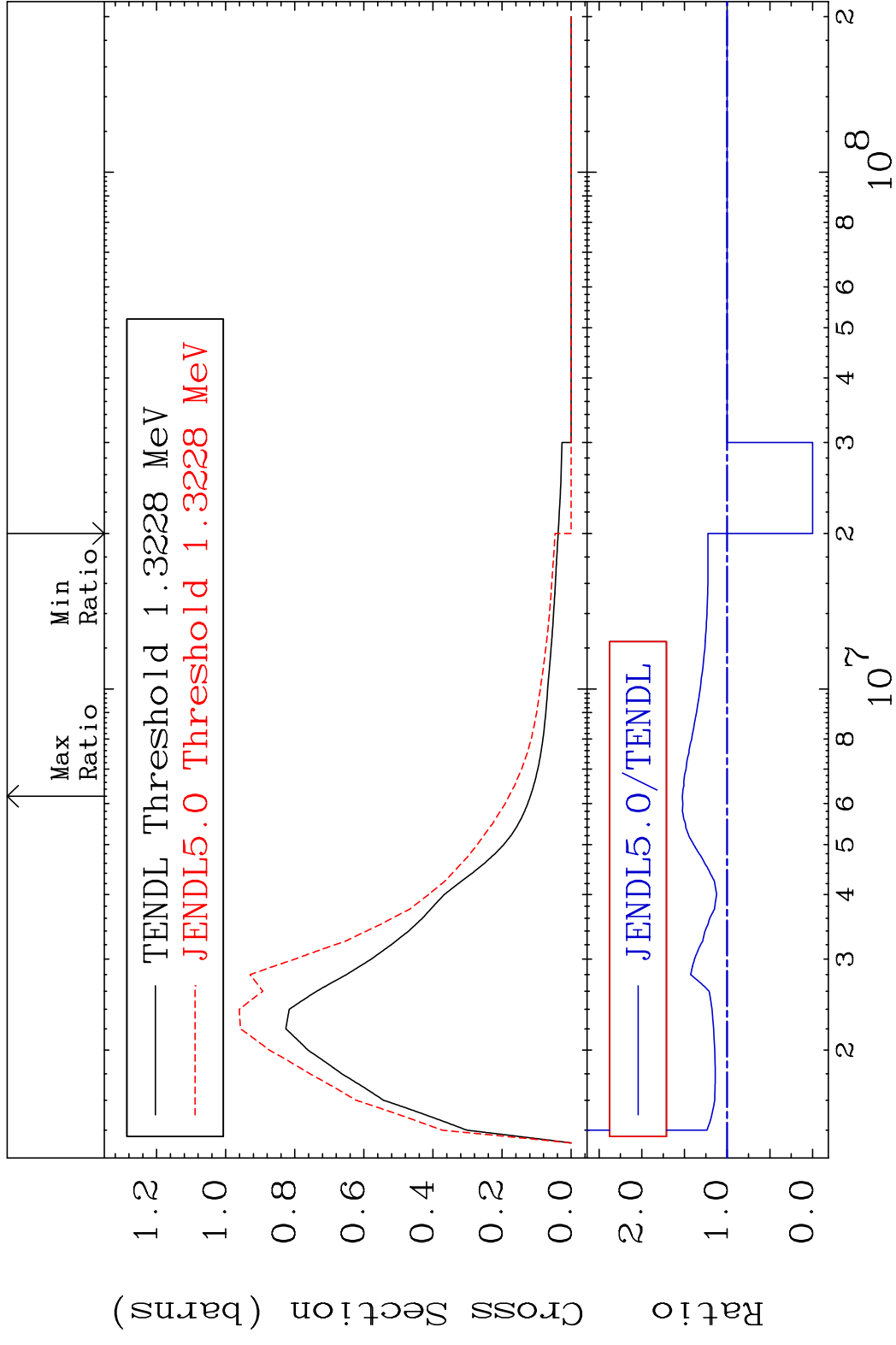
(n, n') d

54-Xe-136

Cross Section -100.0 To 1405. %

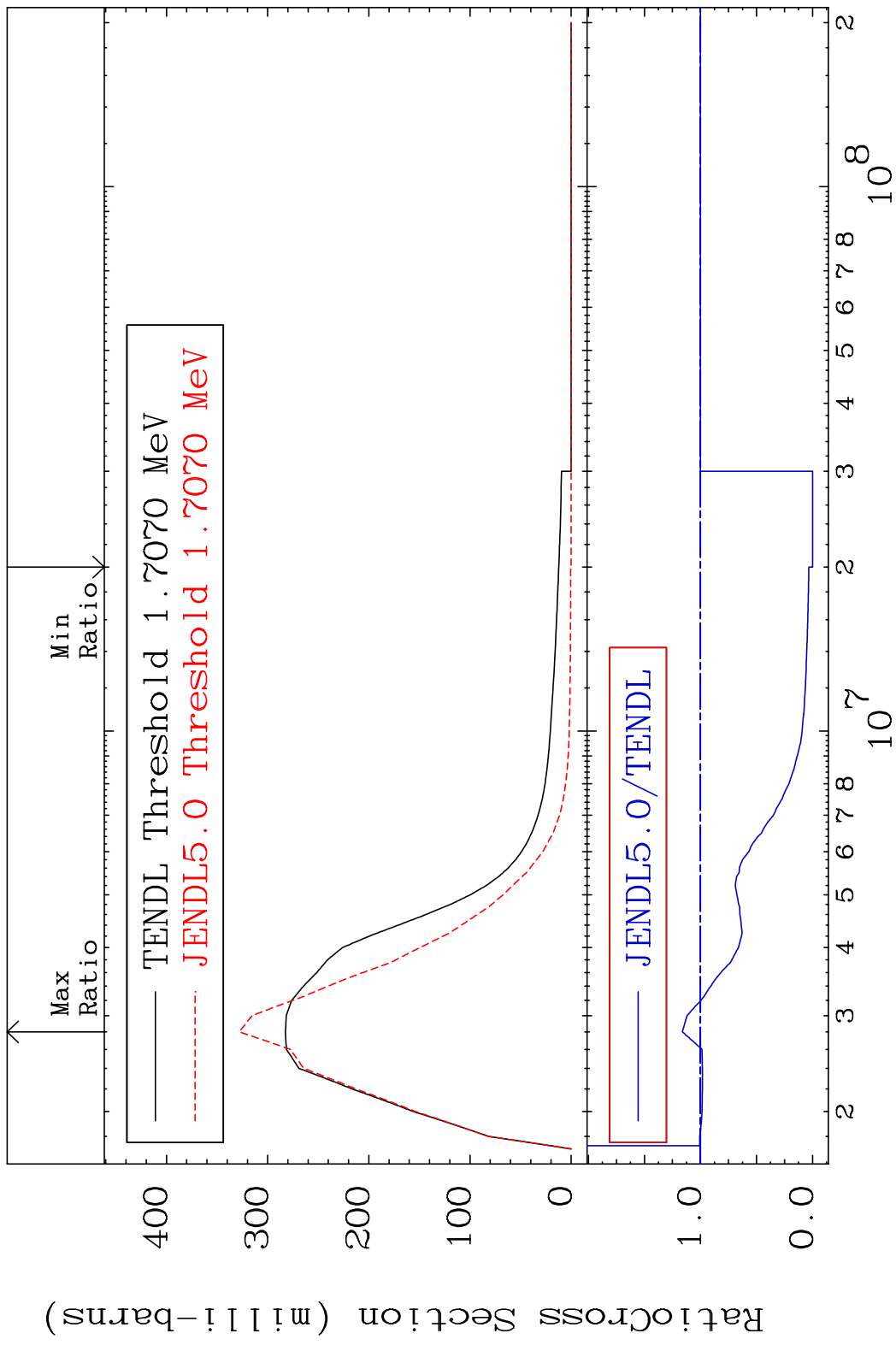


MAT 5461 MT= 51 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 52.51 %

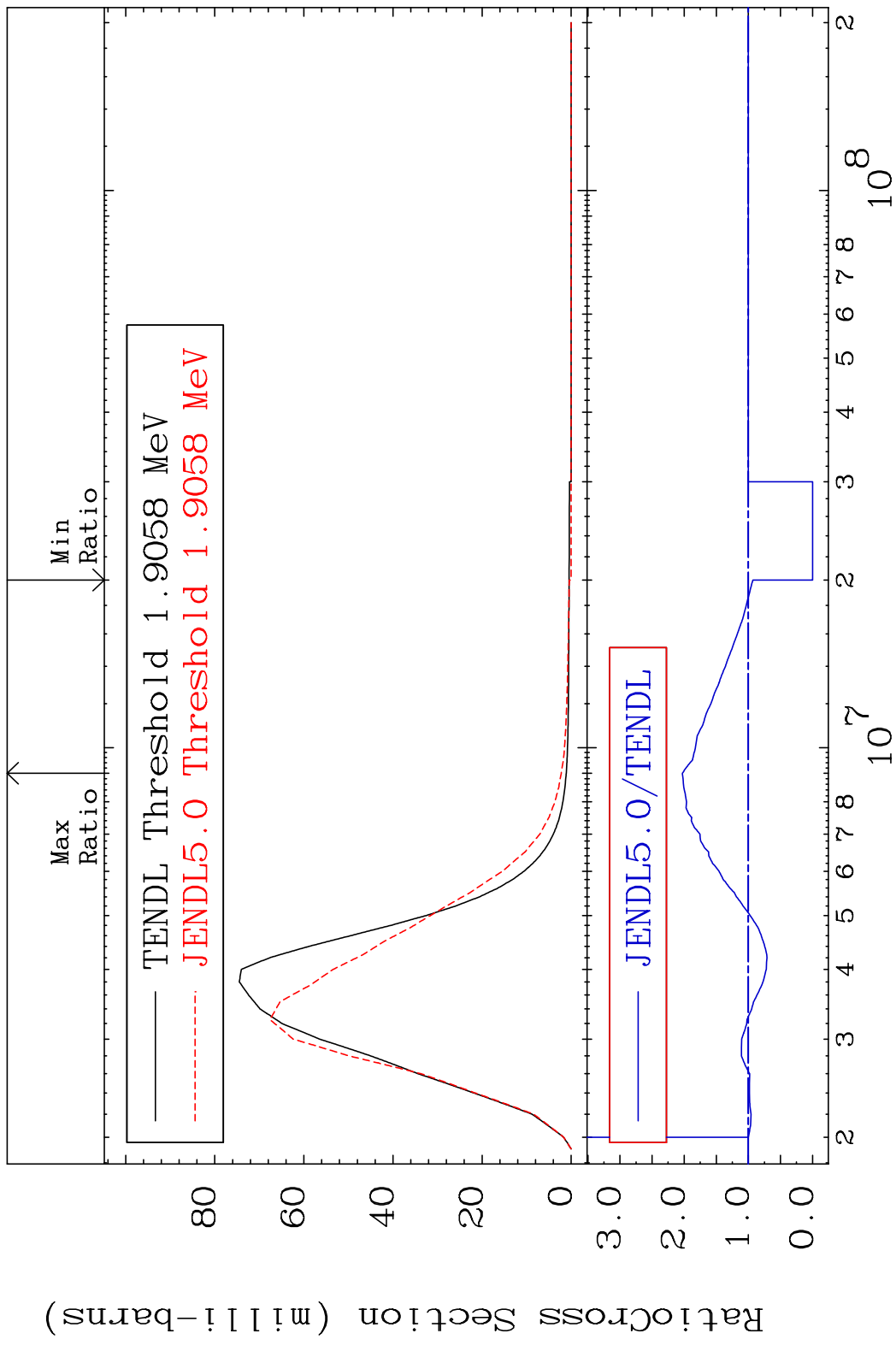


10 Incident Energy (eV) 54-Xe-136

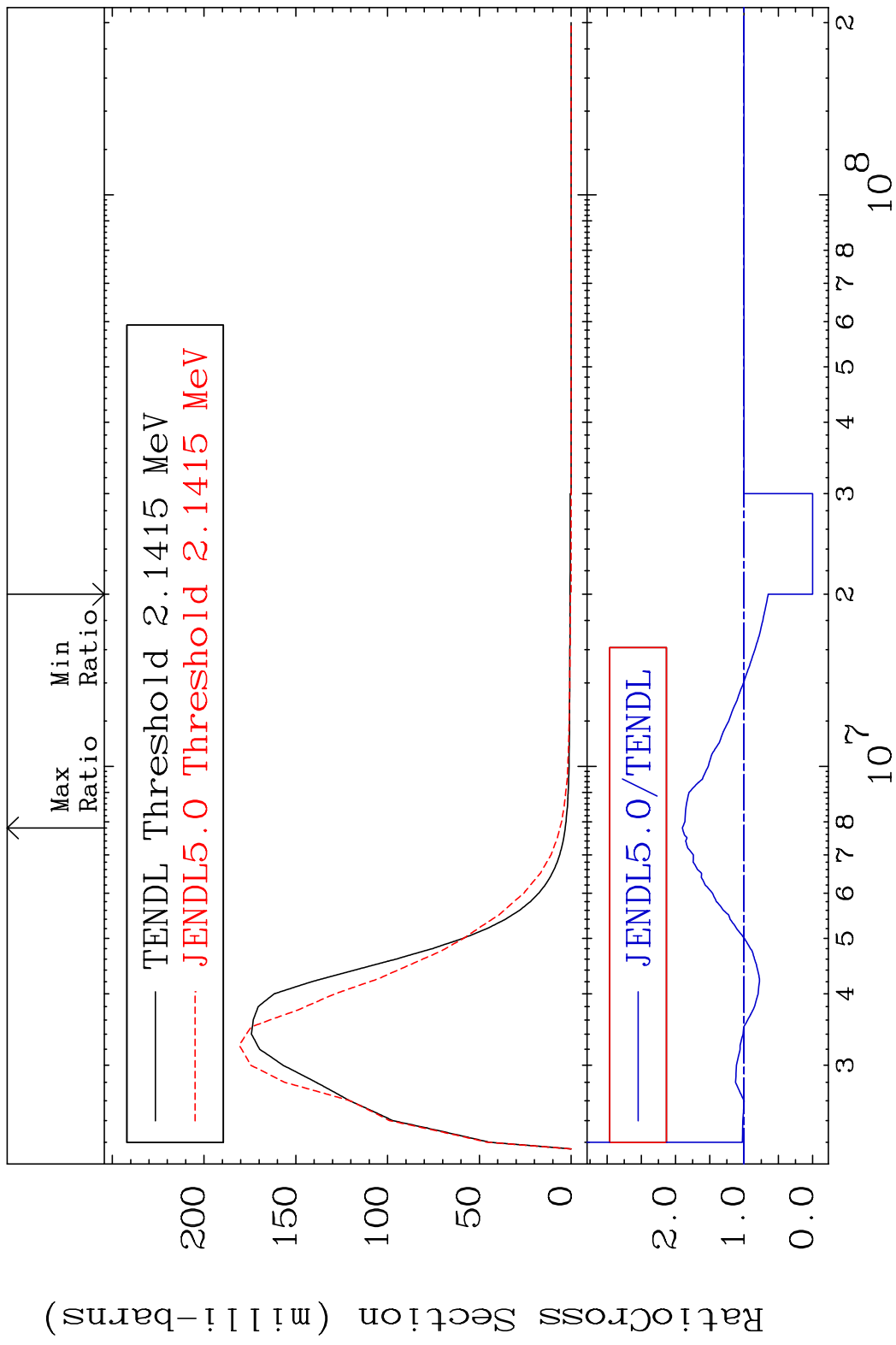
MAT 5461 MT= 52 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 16.16 %



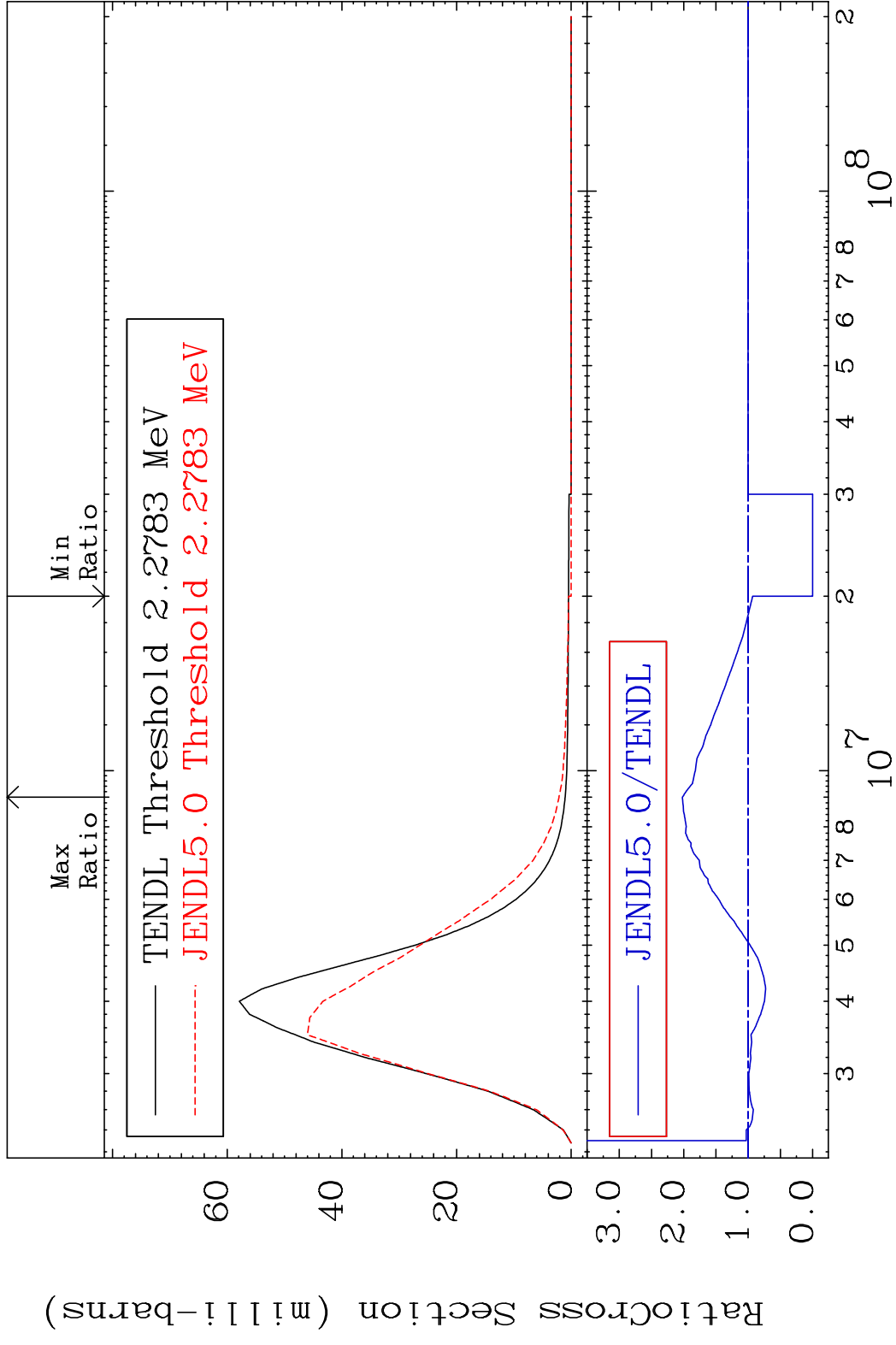
MAT 5461 MT= 53 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 102.8 %



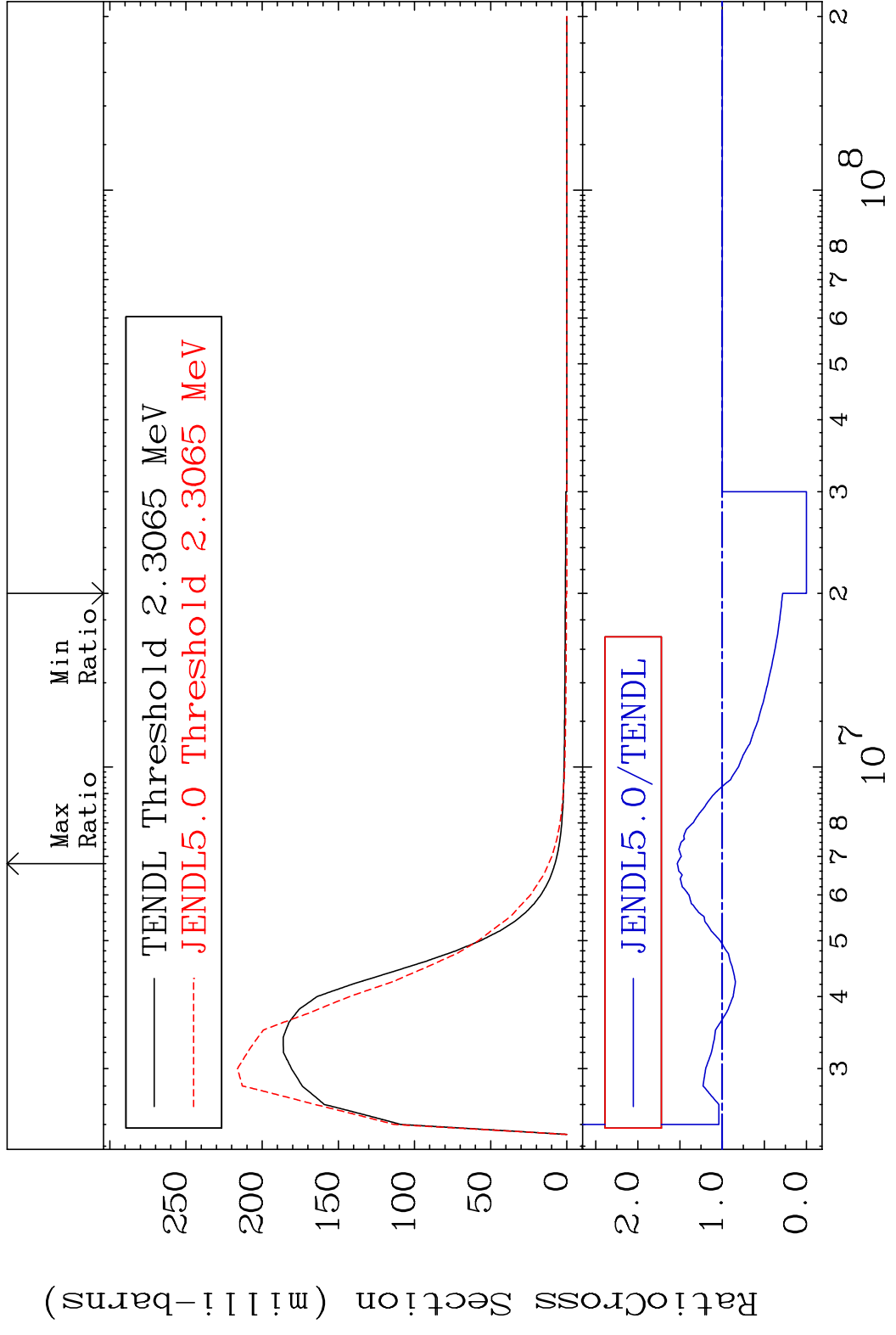
MAT 5461 MT= 54 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 90.08 %



MAT 5461 MT= 55 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 102.1 %



MAT 5461 MT= 56 (n,n') Level 54-Xe-136  
 Cross Section -100.0 To 53.38 %



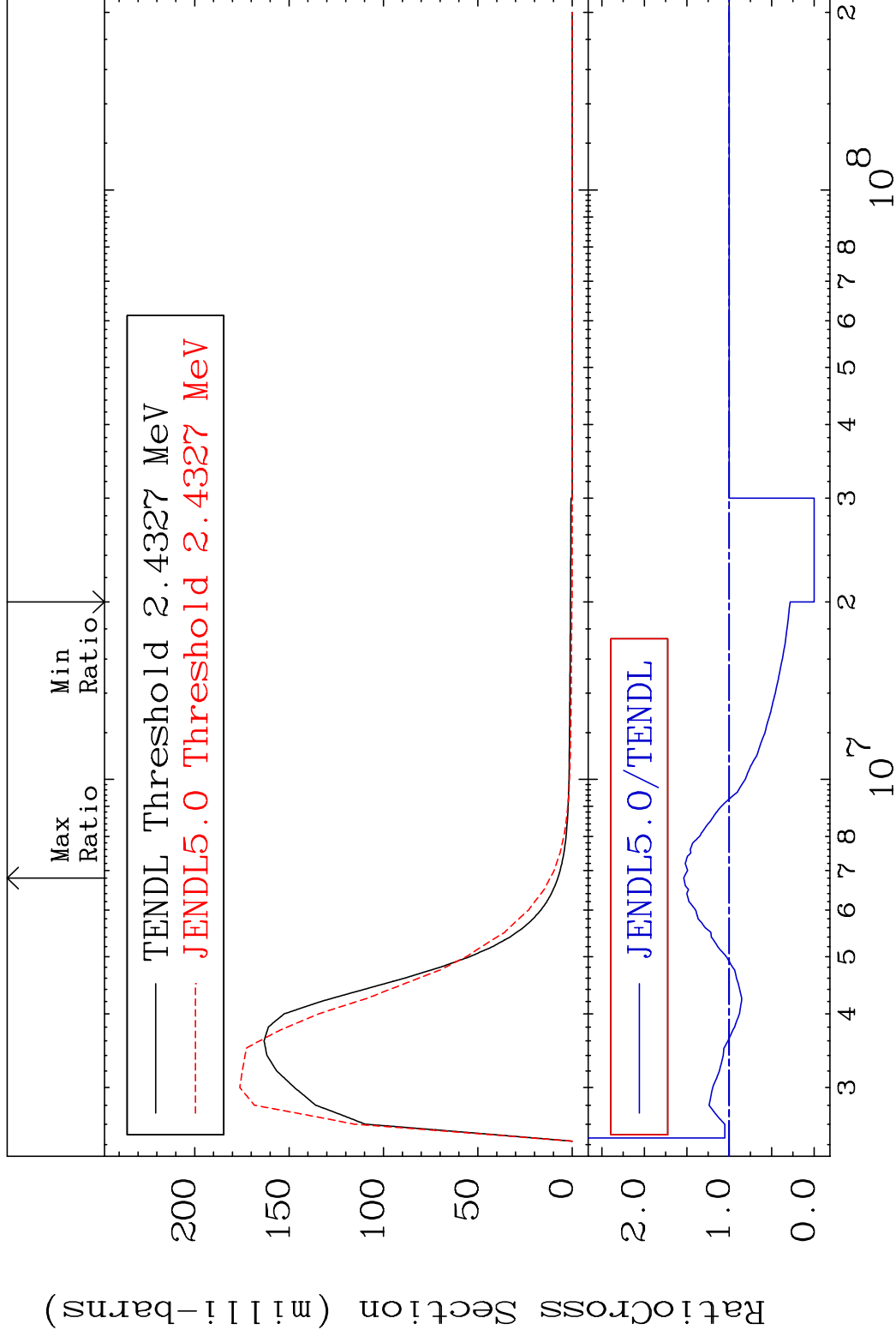


MAT 5461

MT= 57 (n, n') Level

54-Xe-136

Cross Section -100.0 To 53.74 %

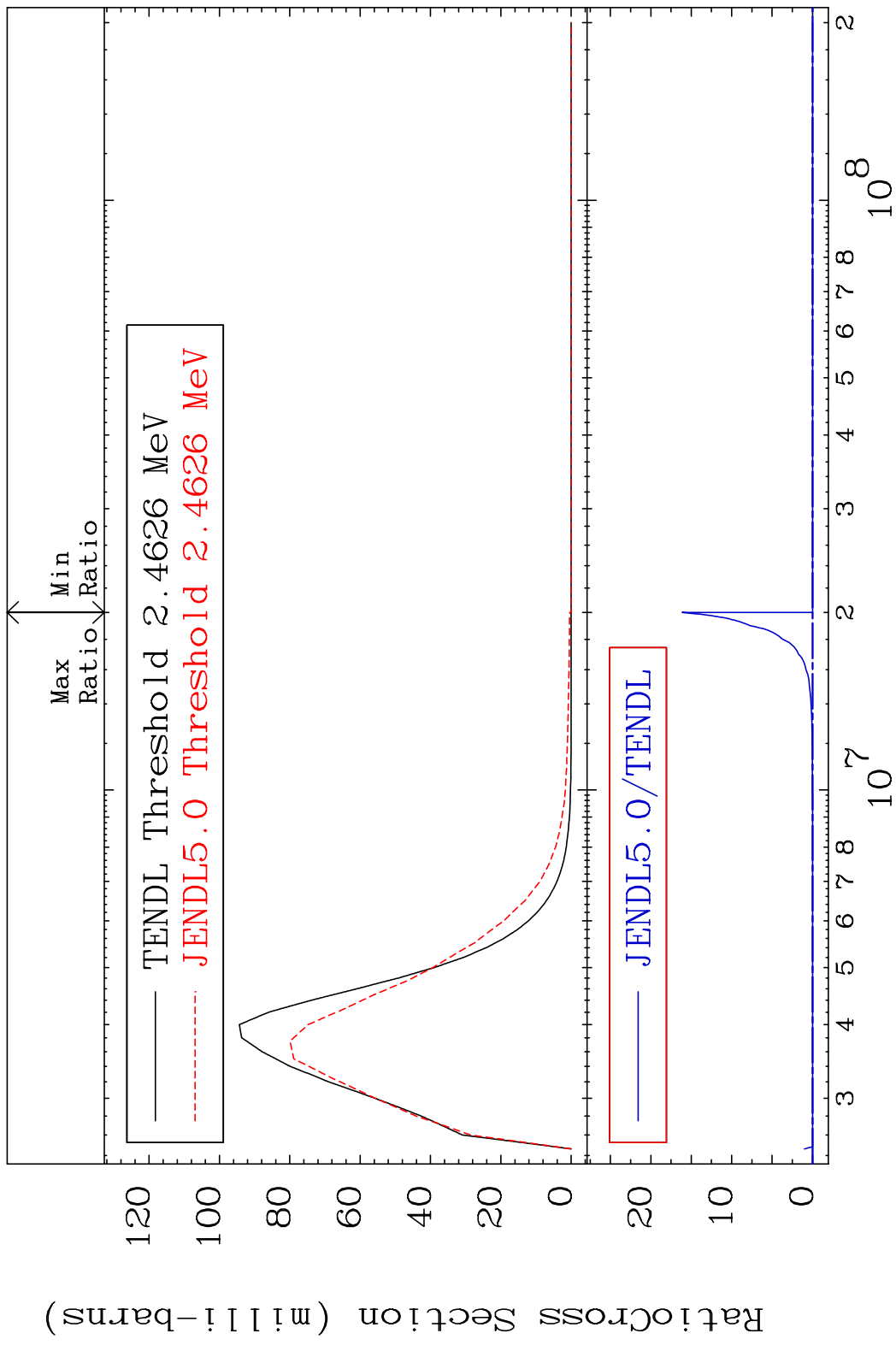


16

Incident Energy (eV)

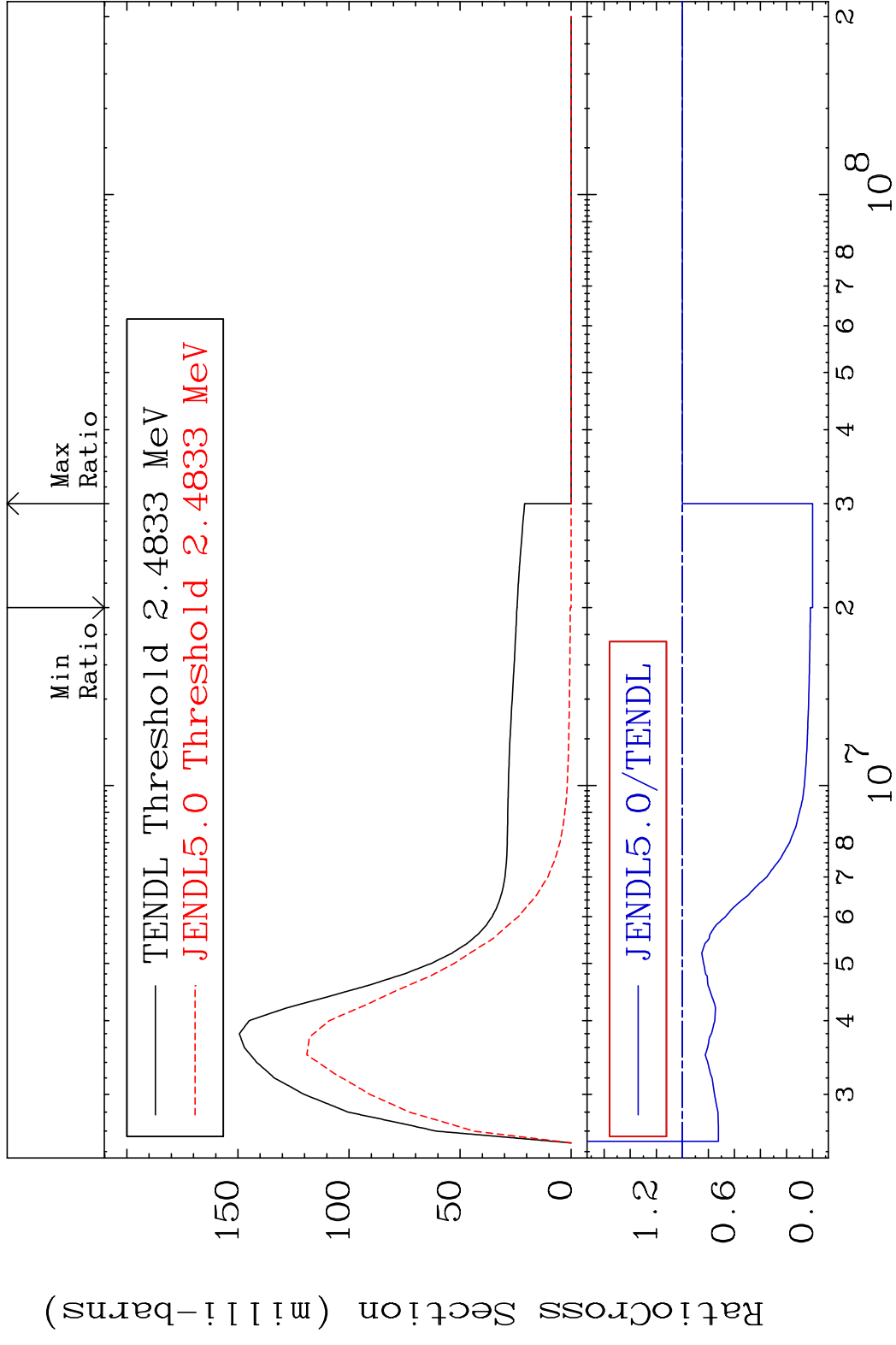
54-Xe-136

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

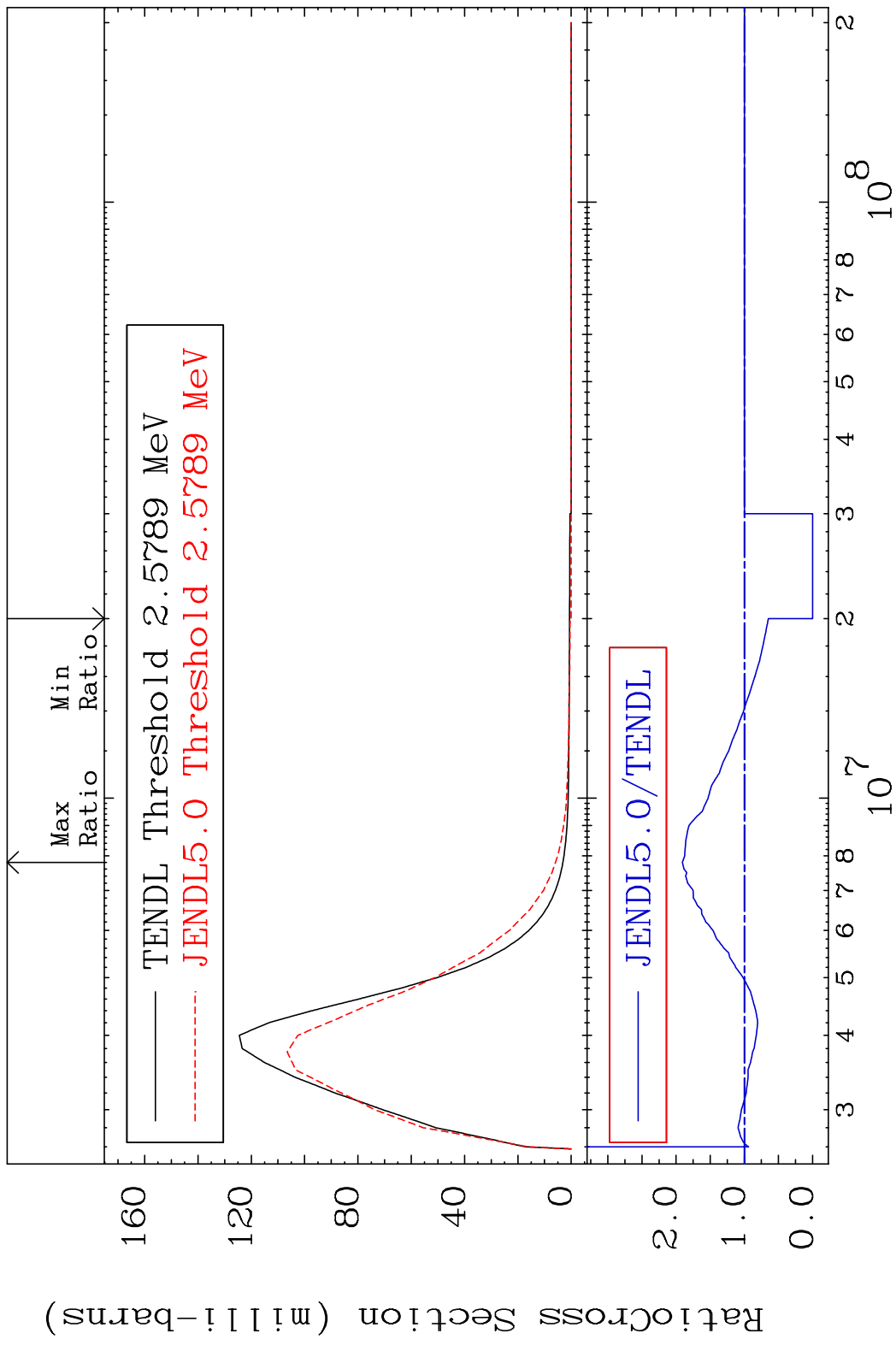


17 54-Xe-136

MAT 5461 MT= 59 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 0.000 %

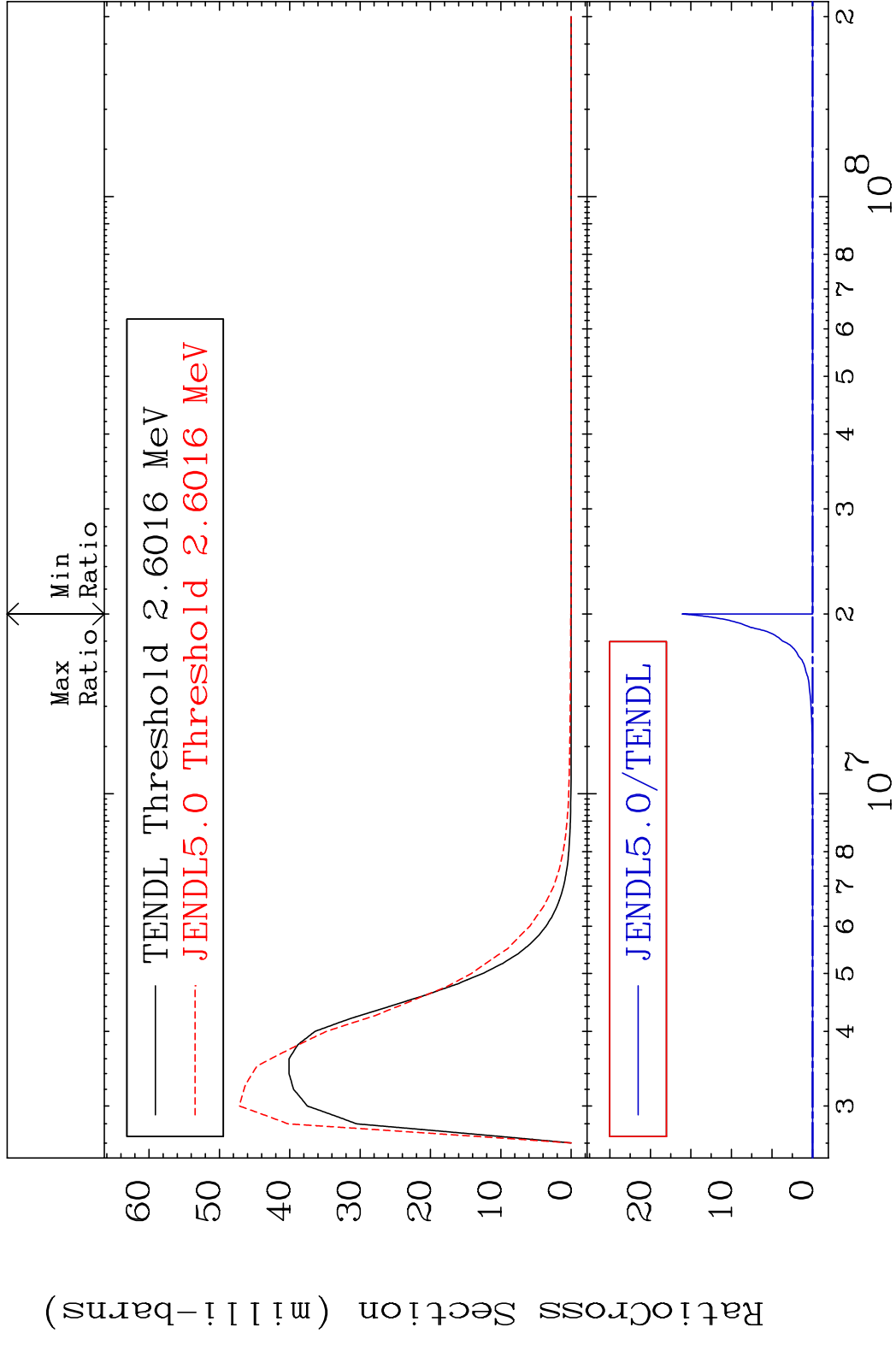


MAT 5461 MT= 60 (n, n') Level 54-Xe-136  
 Cross Section -100.0 To 90.82 %



19 54-Xe-136

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

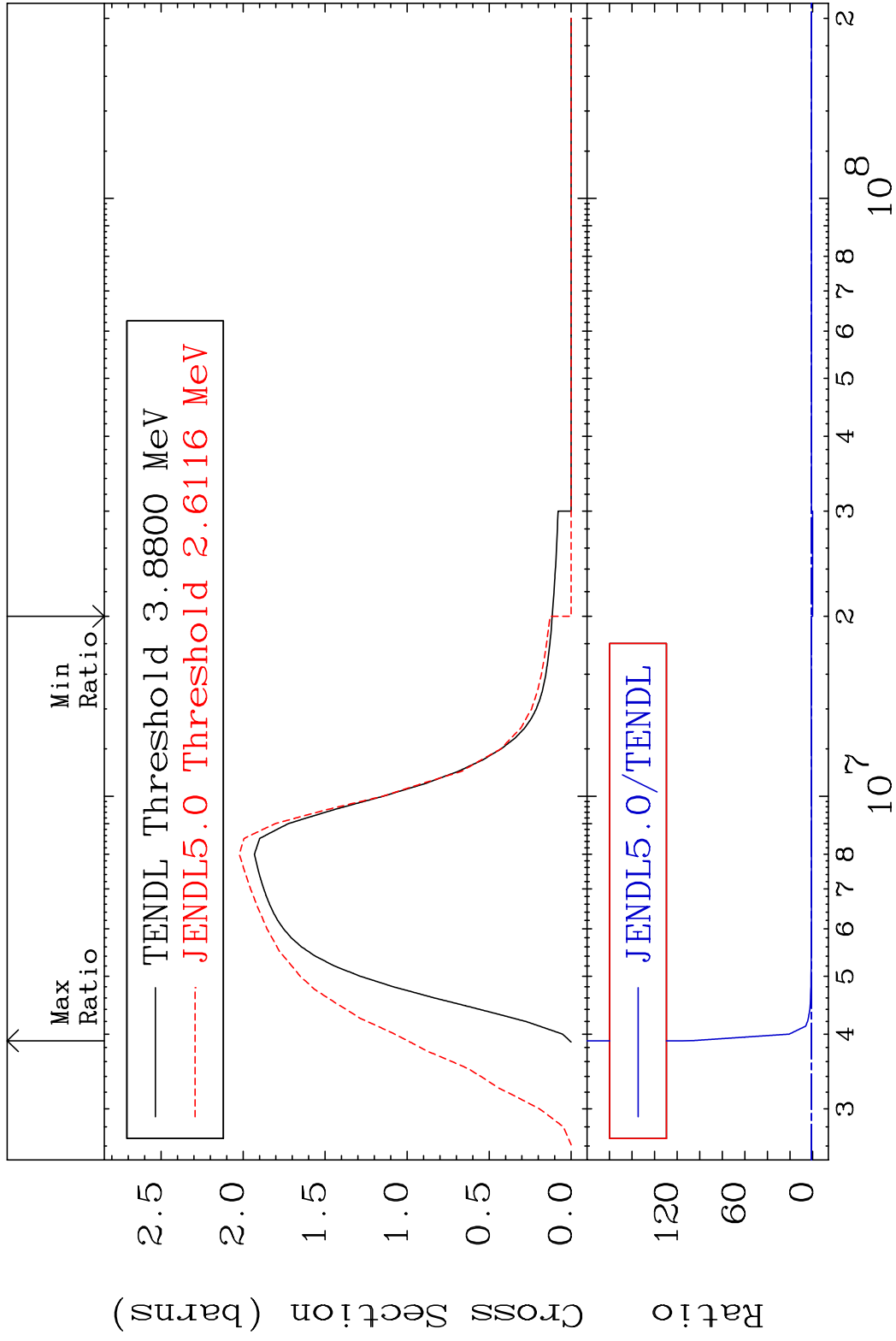


MAT 5461

(n,n') Continuum

54-Xe-136

Cross Section -100.0 To 9999. %

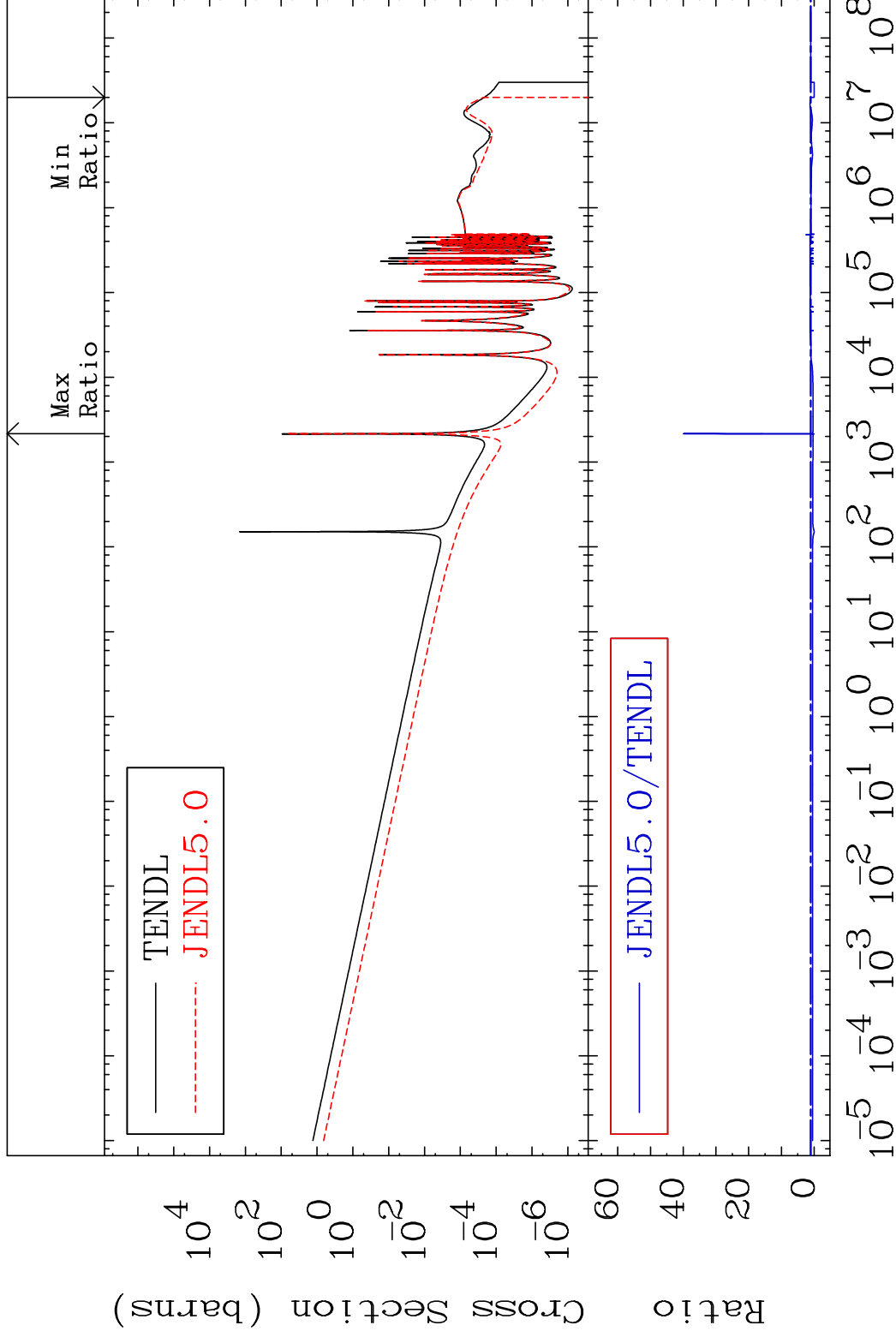


MAT 5461

(n,  $\gamma$ )

54-Xe-136

Cross Section -100.0 To 3886. %



22

Incident Energy (eV)

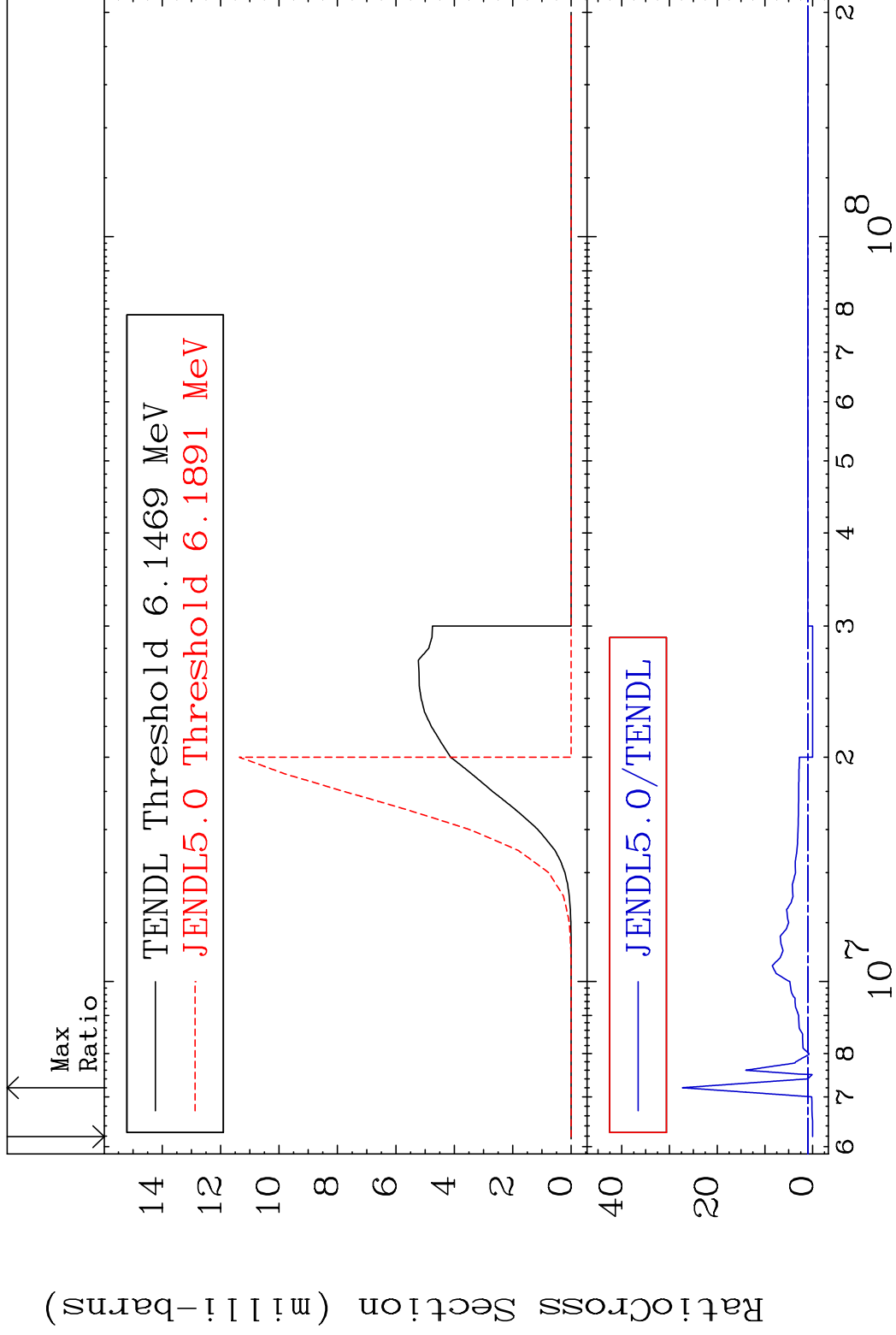
54-Xe-136

MAT 5461

(n,p)

54-Xe-136

Cross Section -100.0 To 2630. %



23

Incident Energy (eV)

54-Xe-136

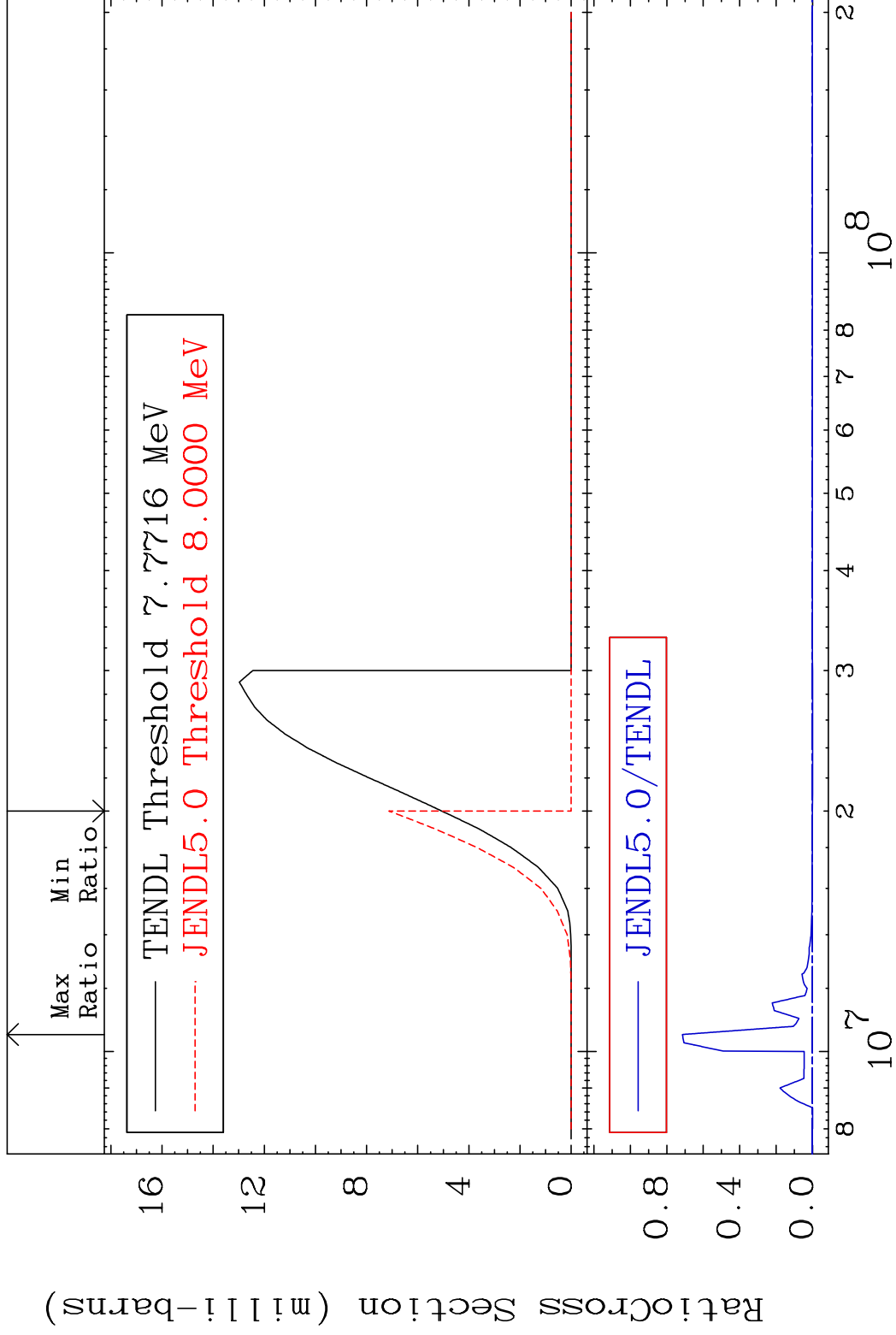


MAT 5461

(n,d)

54-Xe-136

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

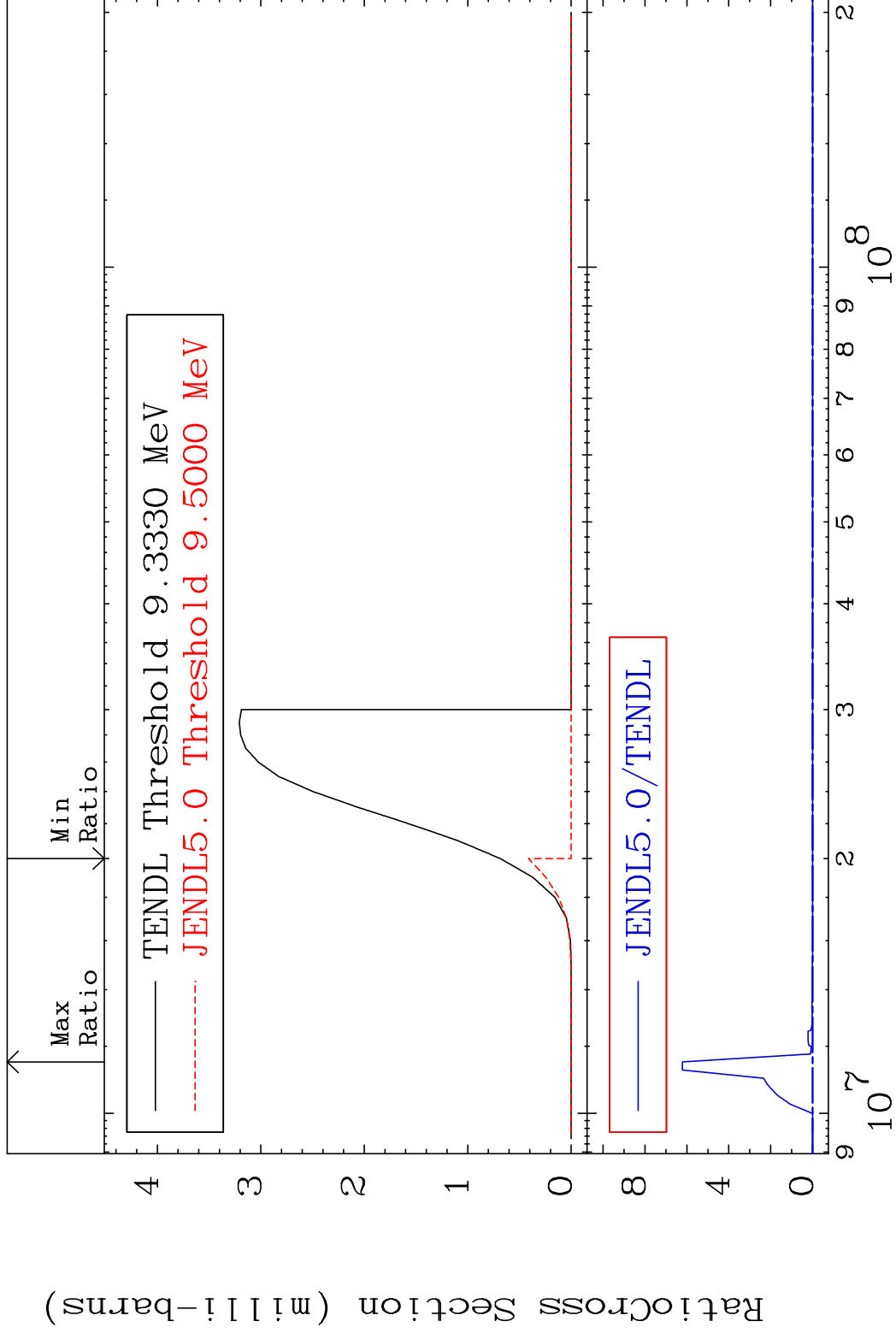
54-Xe-136

MAT 5461

(n, t)

54-Xe-136

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

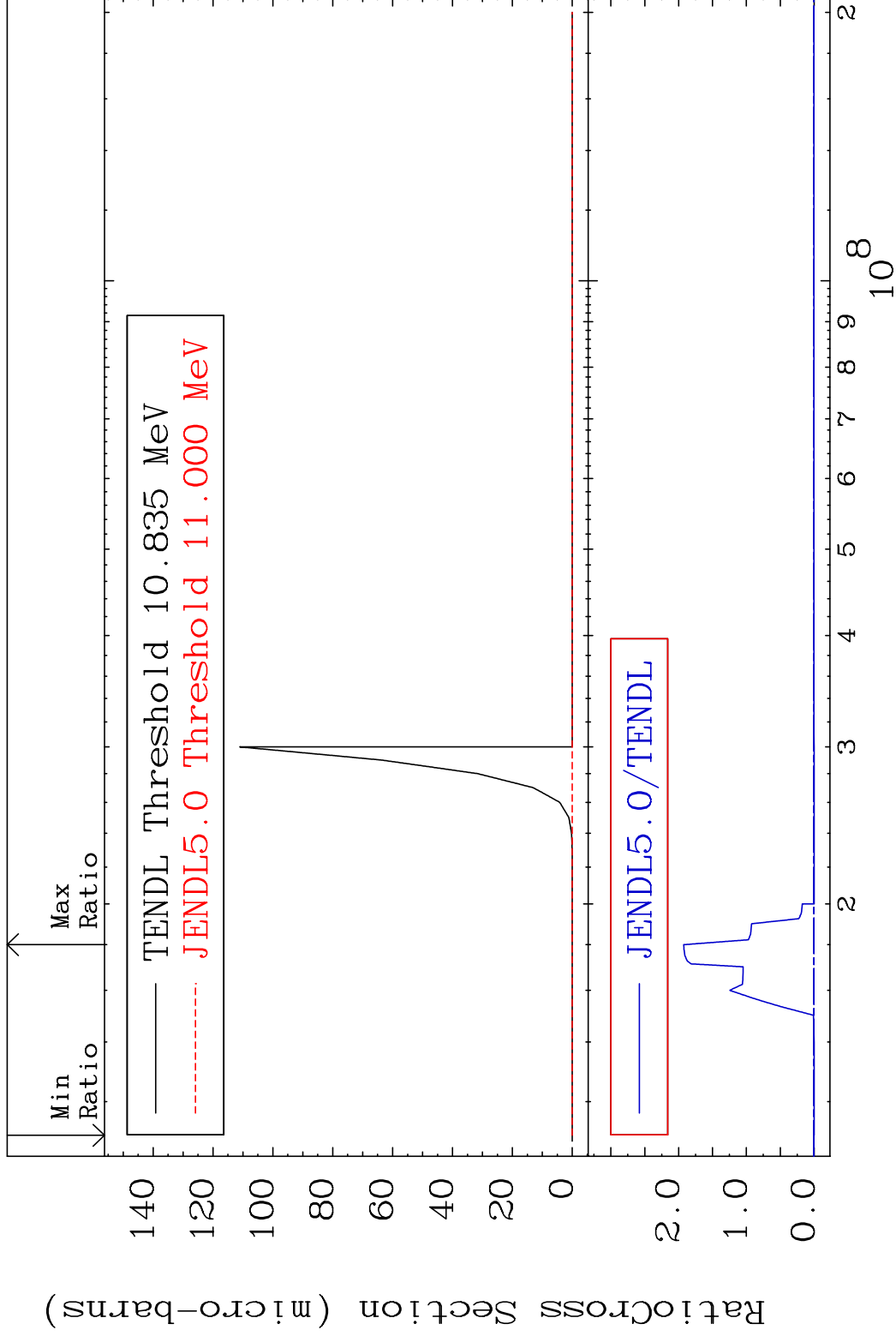
54-Xe-136

MAT 5461

(n, He-3)

54-Xe-136

Cross Section -100.0 To 9999. %

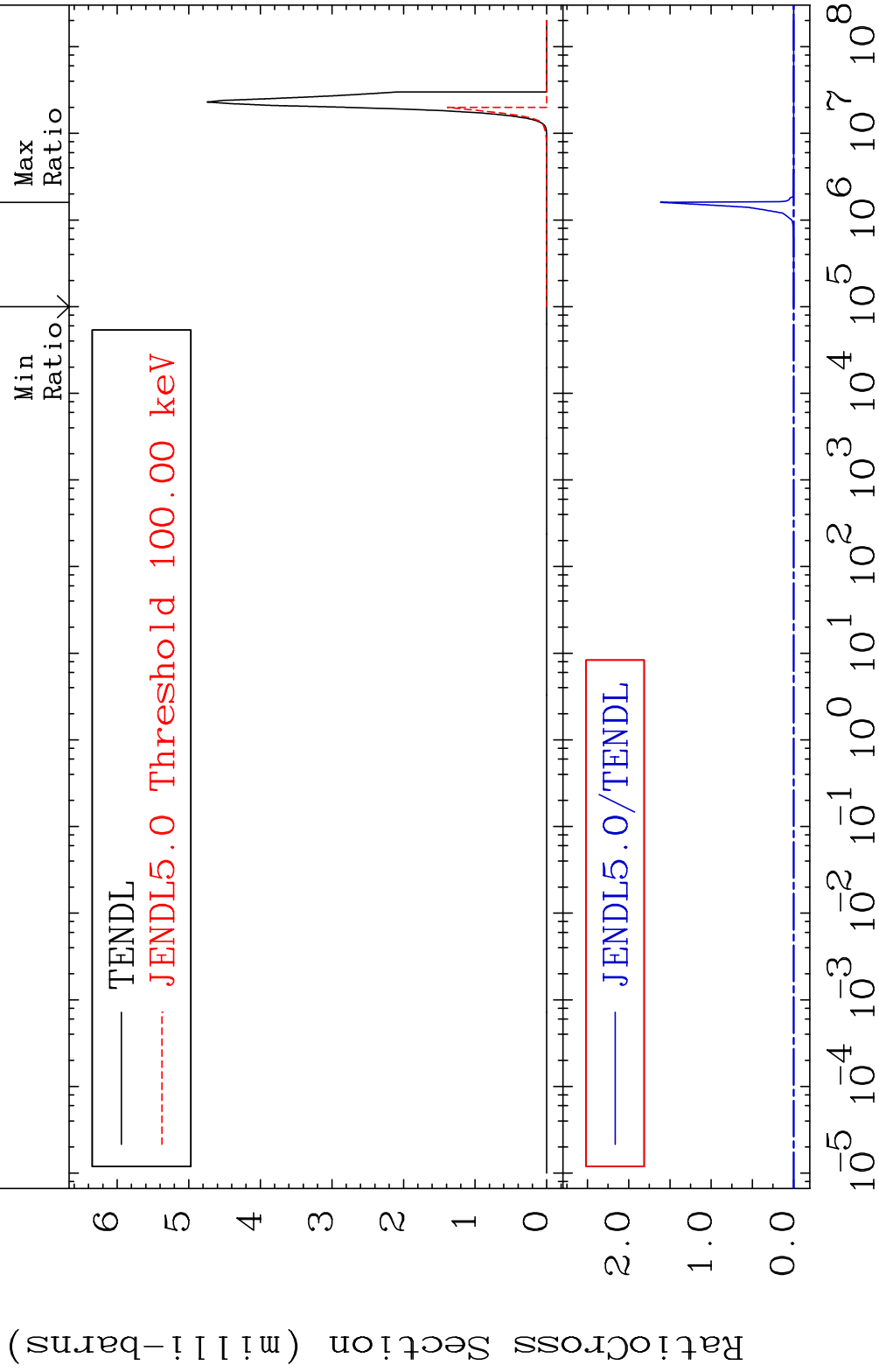


MAT 5461

(n,  $\alpha$ )

54-Xe-136

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

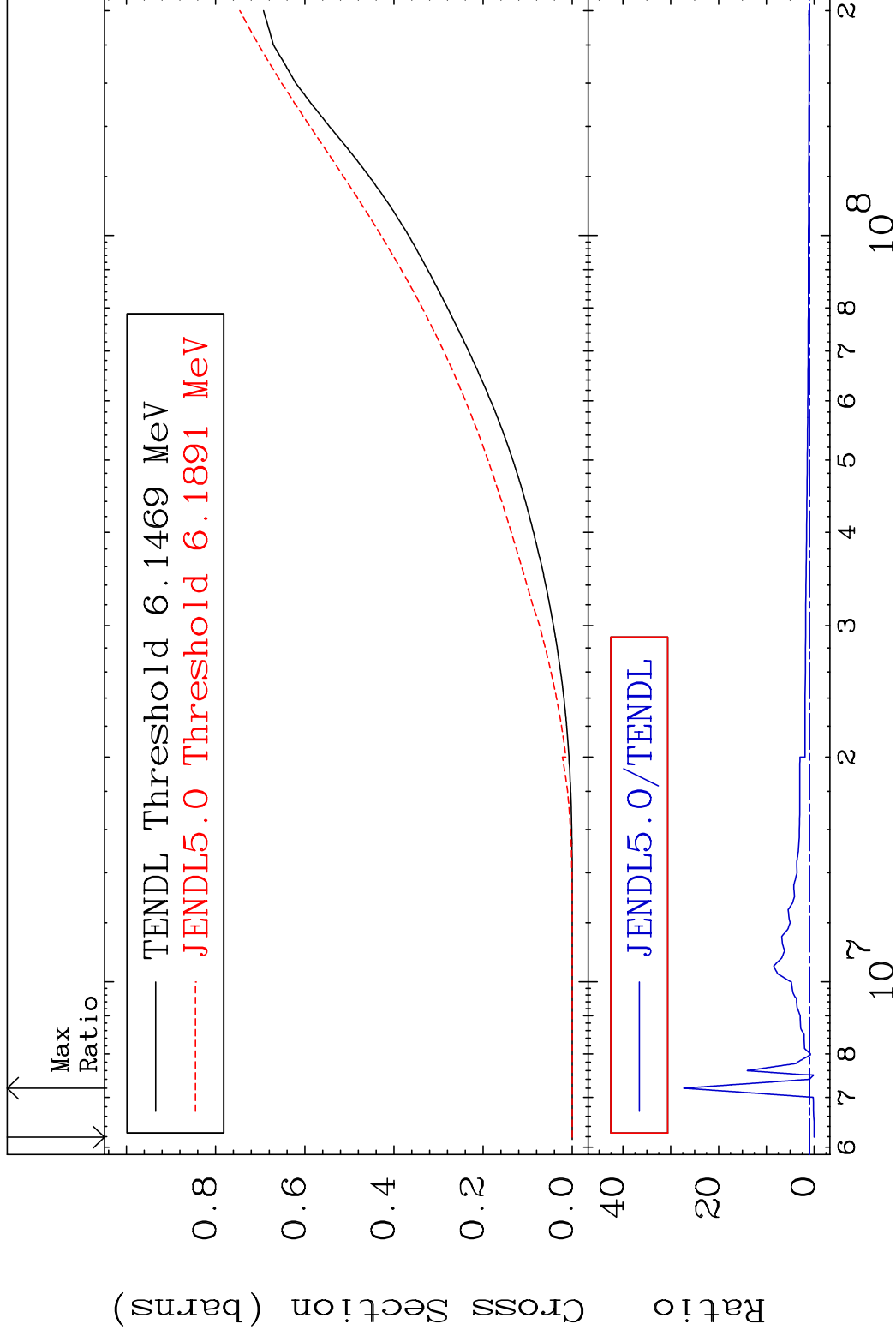
54-Xe-136

MAT 5461

Hydrogen Production

54-Xe-136

Cross Section -100.0 To 2630. %



28

Incident Energy (eV)

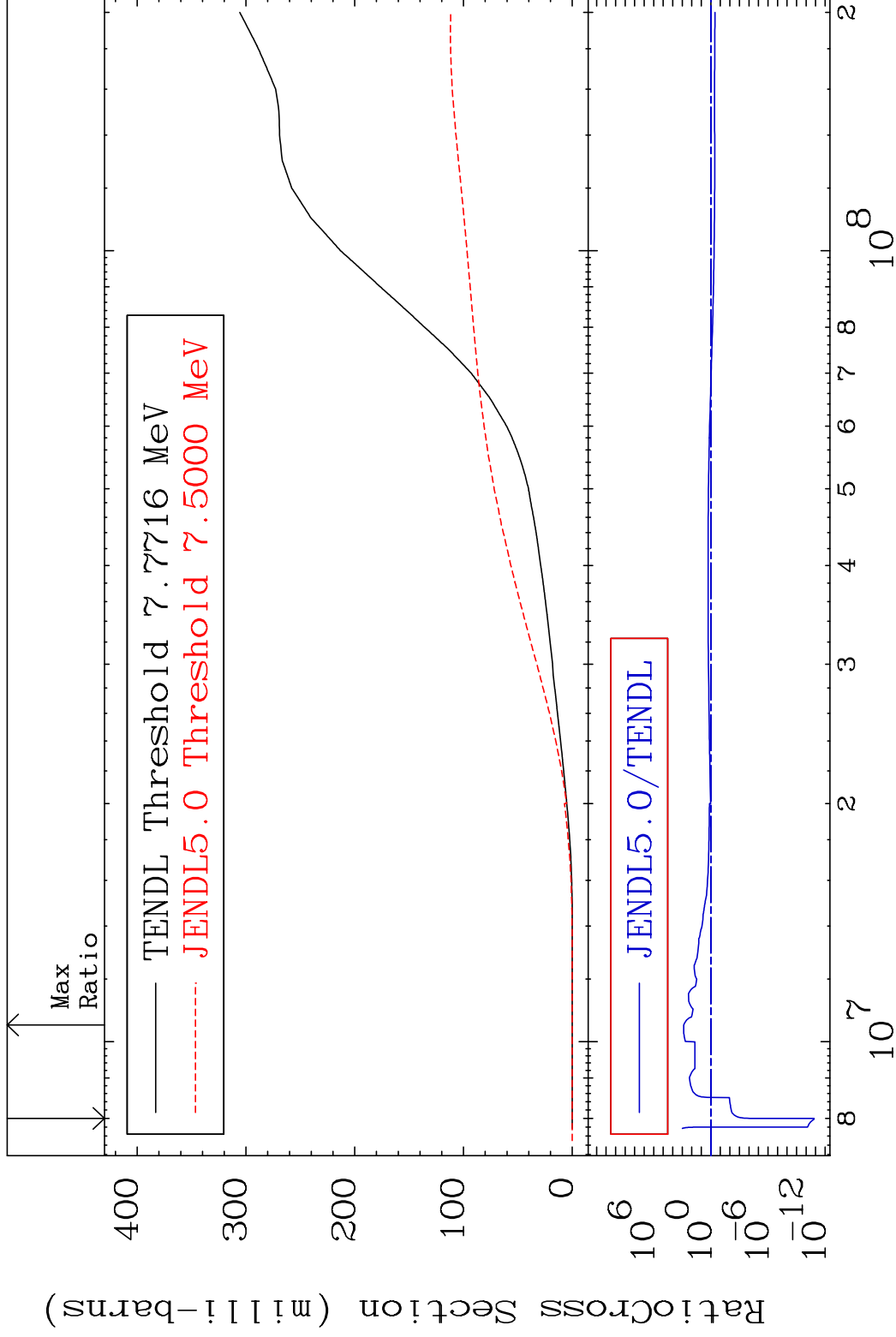
54-Xe-136

MAT 5461

Deuterium Production

54-Xe-136

Cross Section -100.0 To 9999. %

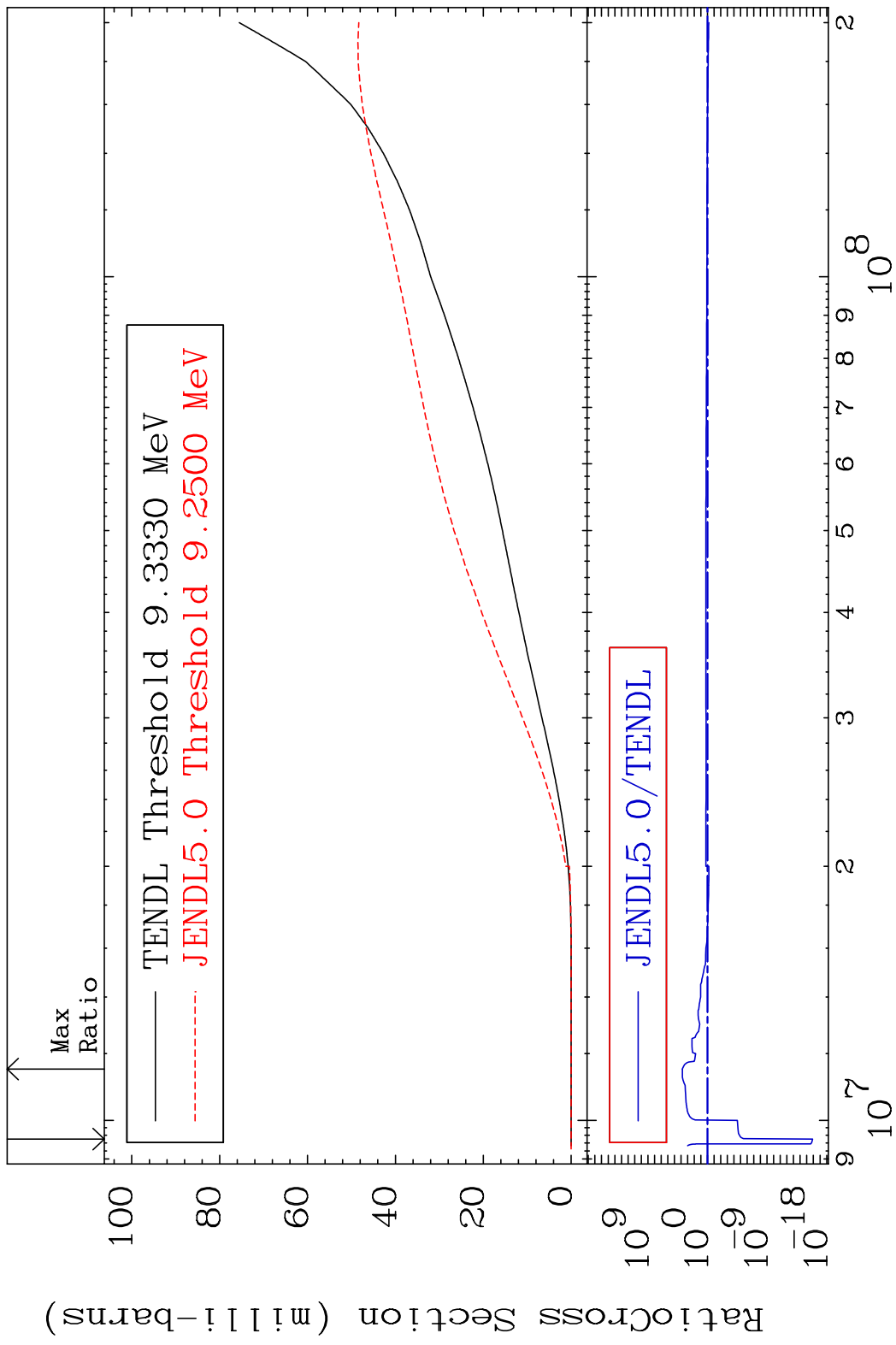


29

Incident Energy (eV)

54-Xe-136

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

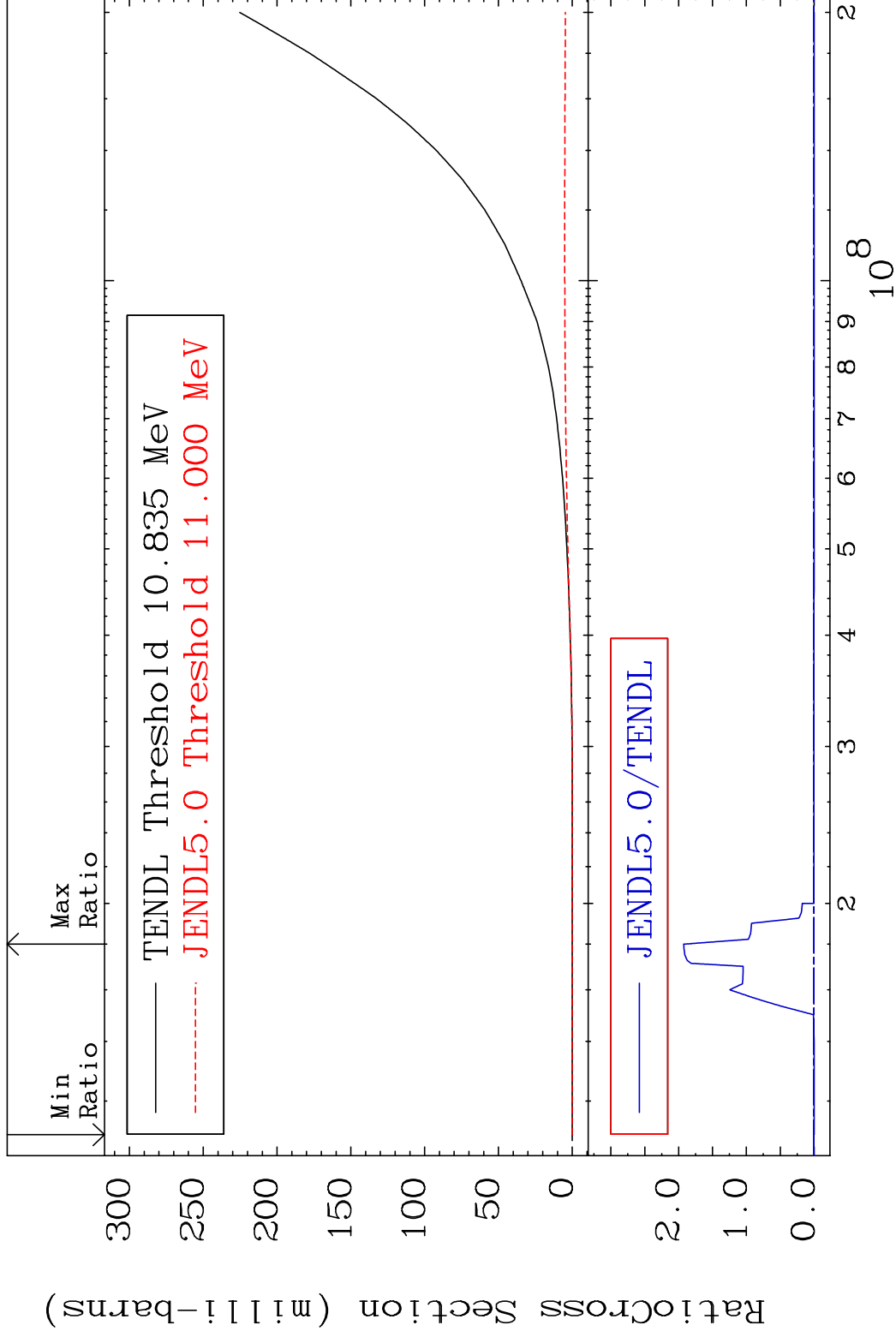


MAT 5461

He-3 Production

54-Xe-136

Cross Section -100.0 To 9999. %



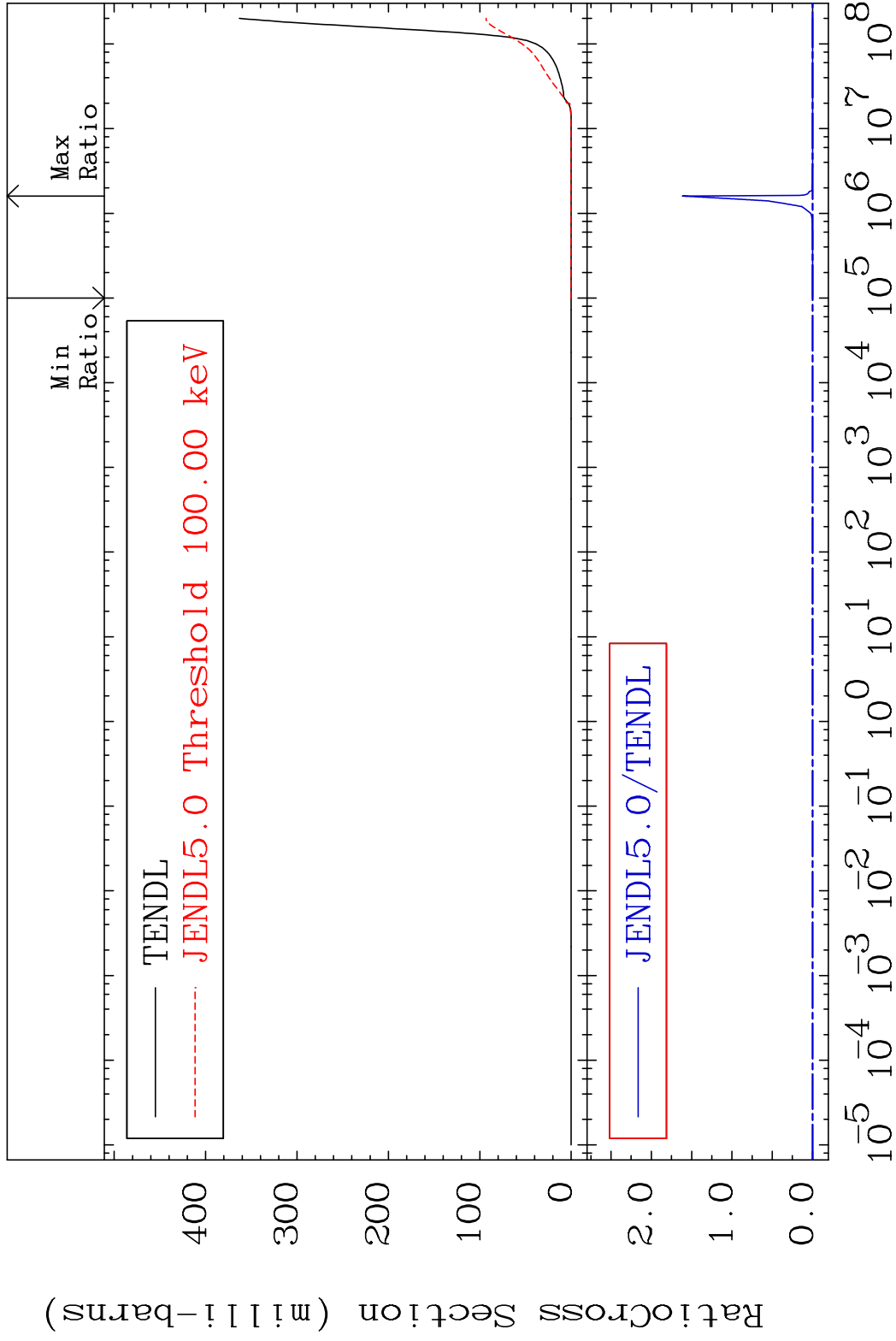


MAT 5461

He-4 Production

54-Xe-136

Cross Section -100.0 To 9999. %

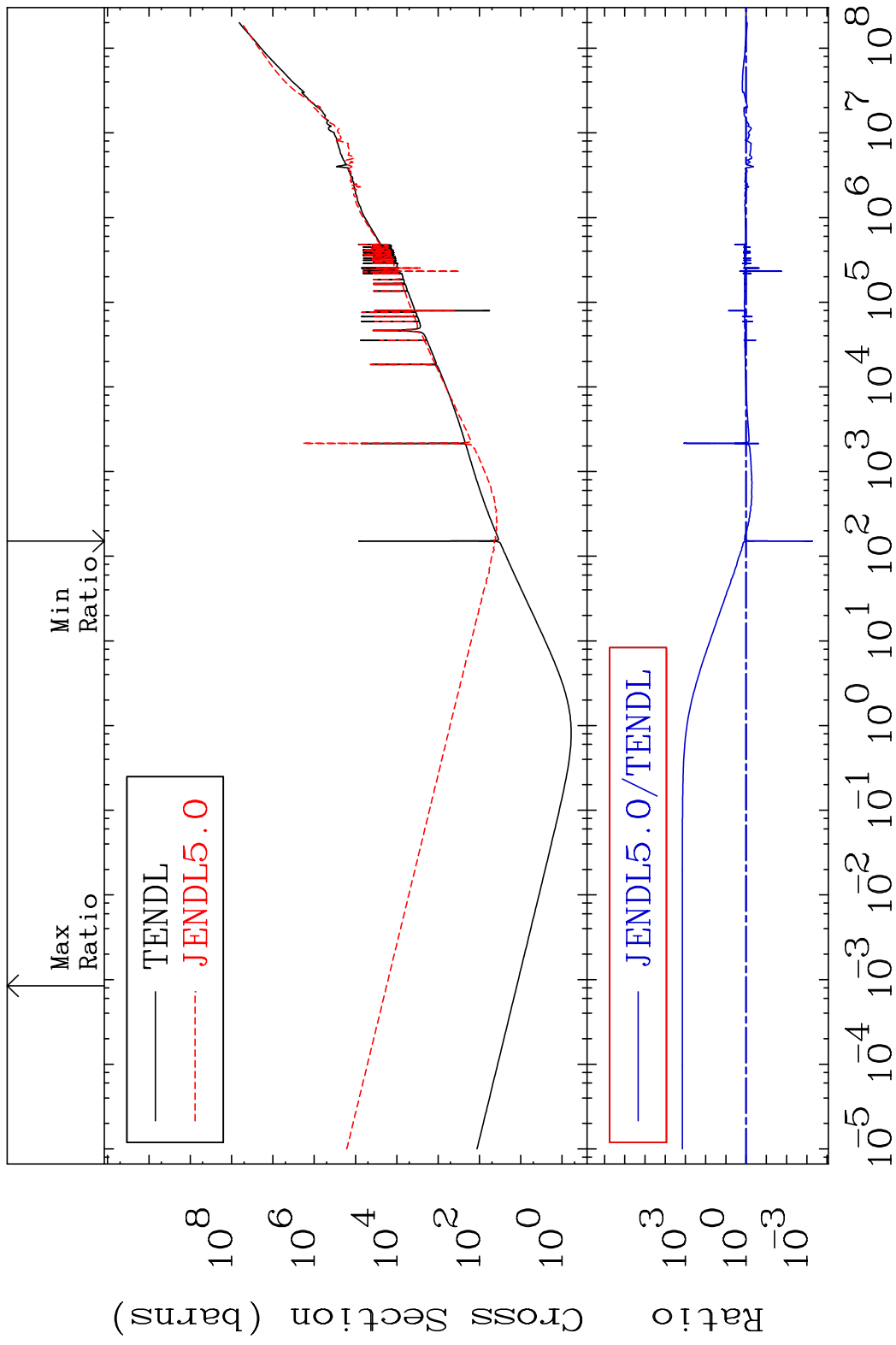


32

Incident Energy (eV)

54-Xe-136

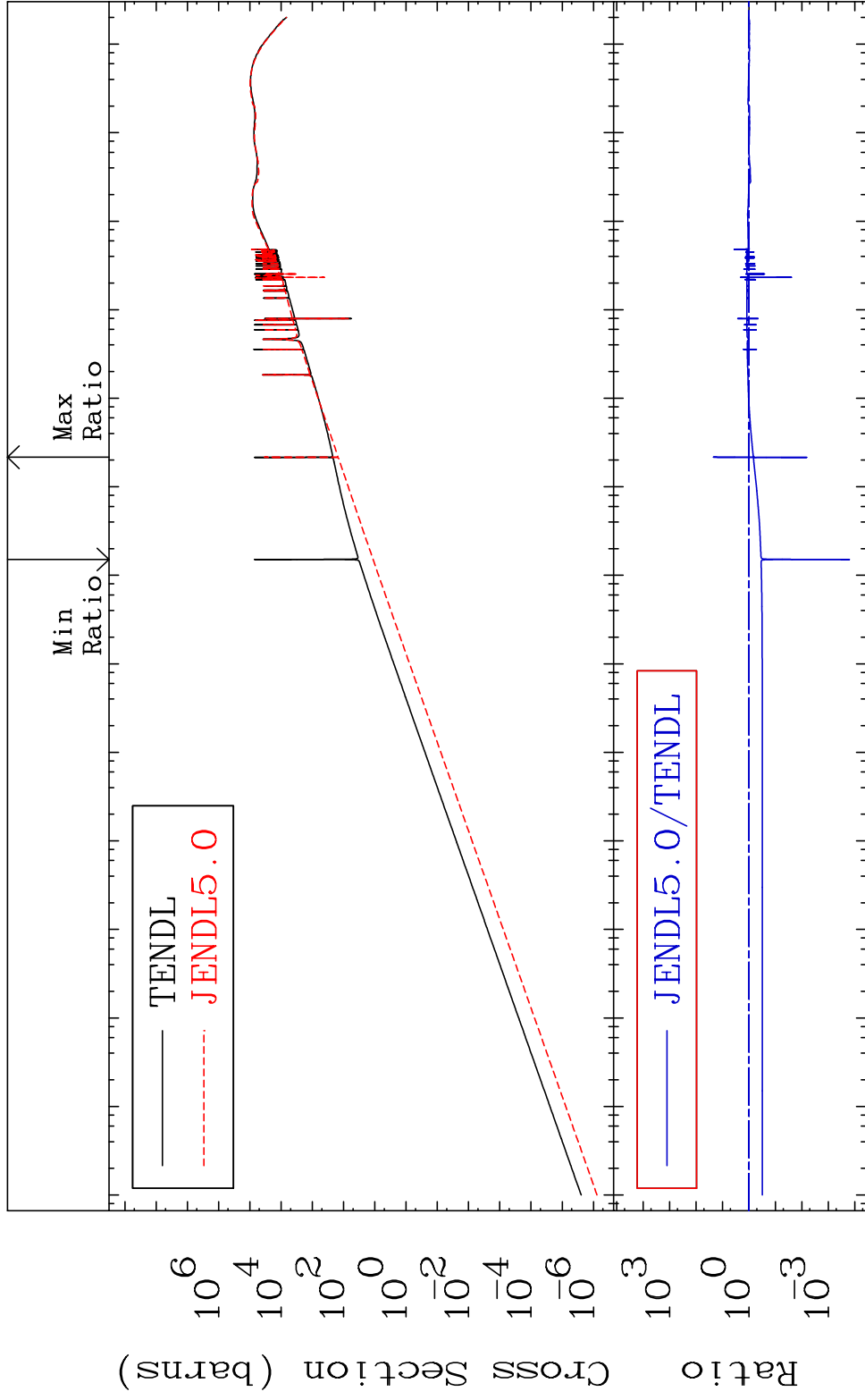
MAT 5461 Kerma total (eV-barns) 54-Xe-136  
 Cross Section -99.95 To 9999. %



MAT 5461

Kerma elastic  
Cross Section

54-Xe-136  
-99.98 To 2134. %

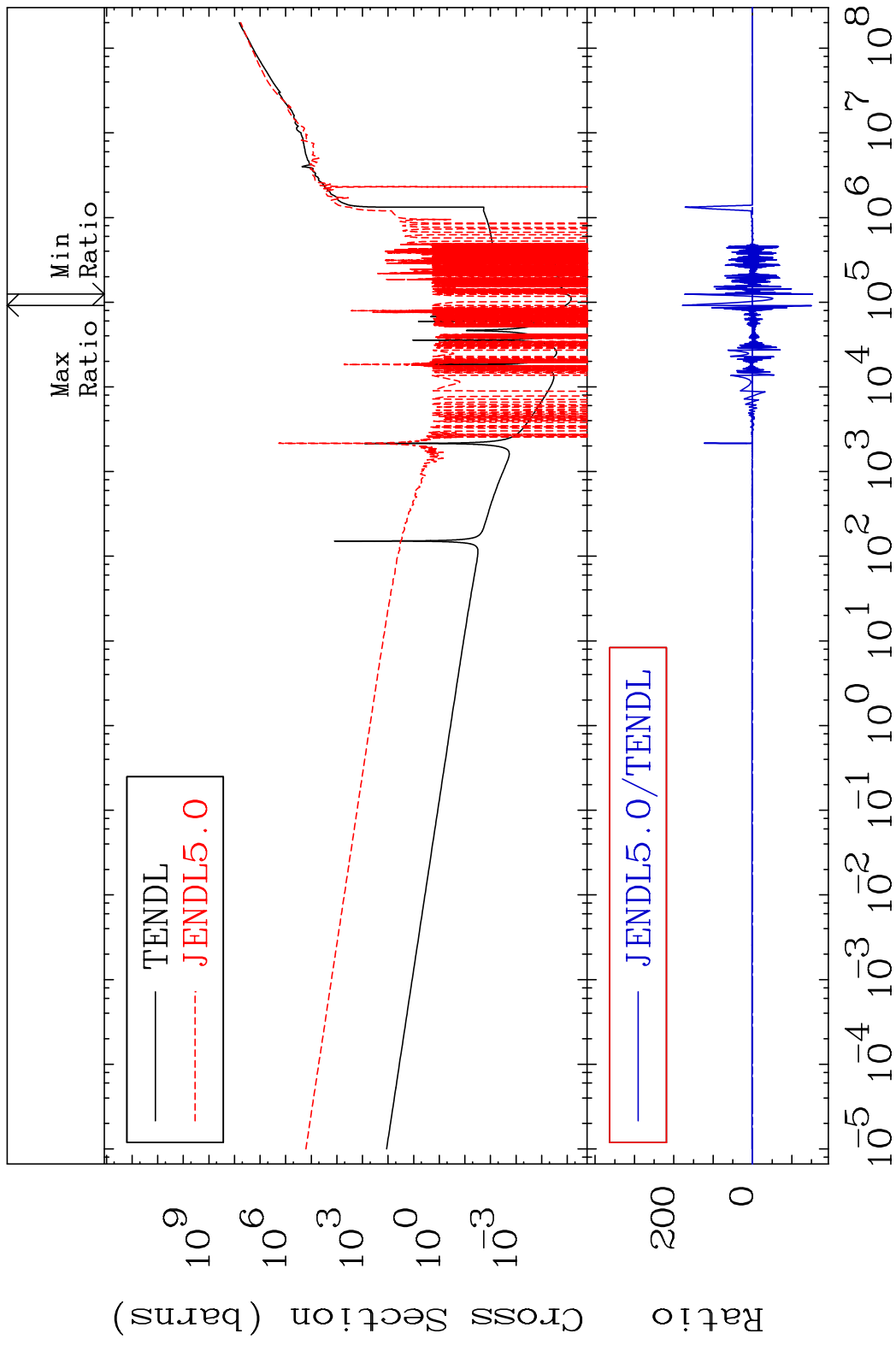


34

Incident Energy (eV)

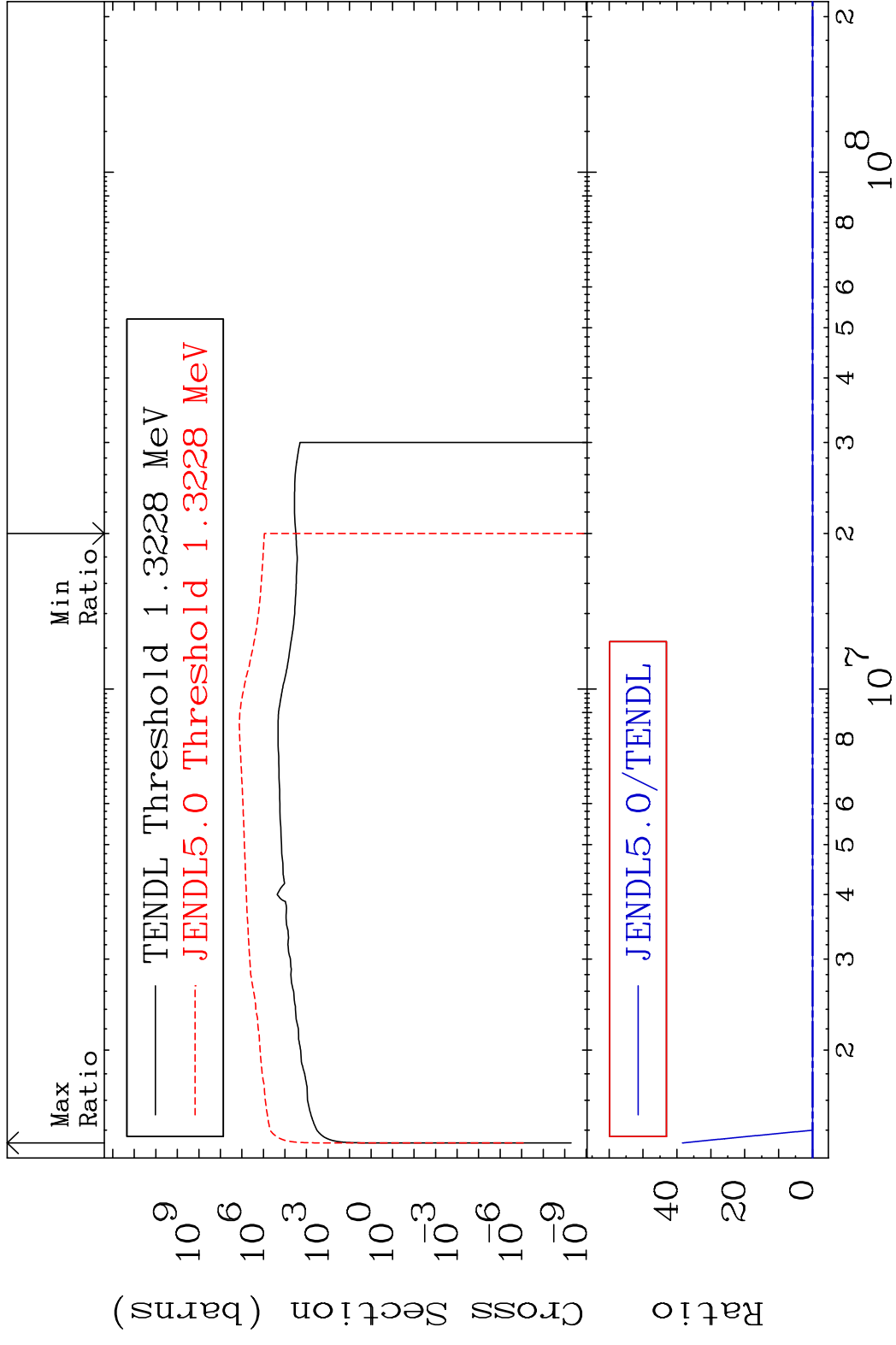
54-Xe-136

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

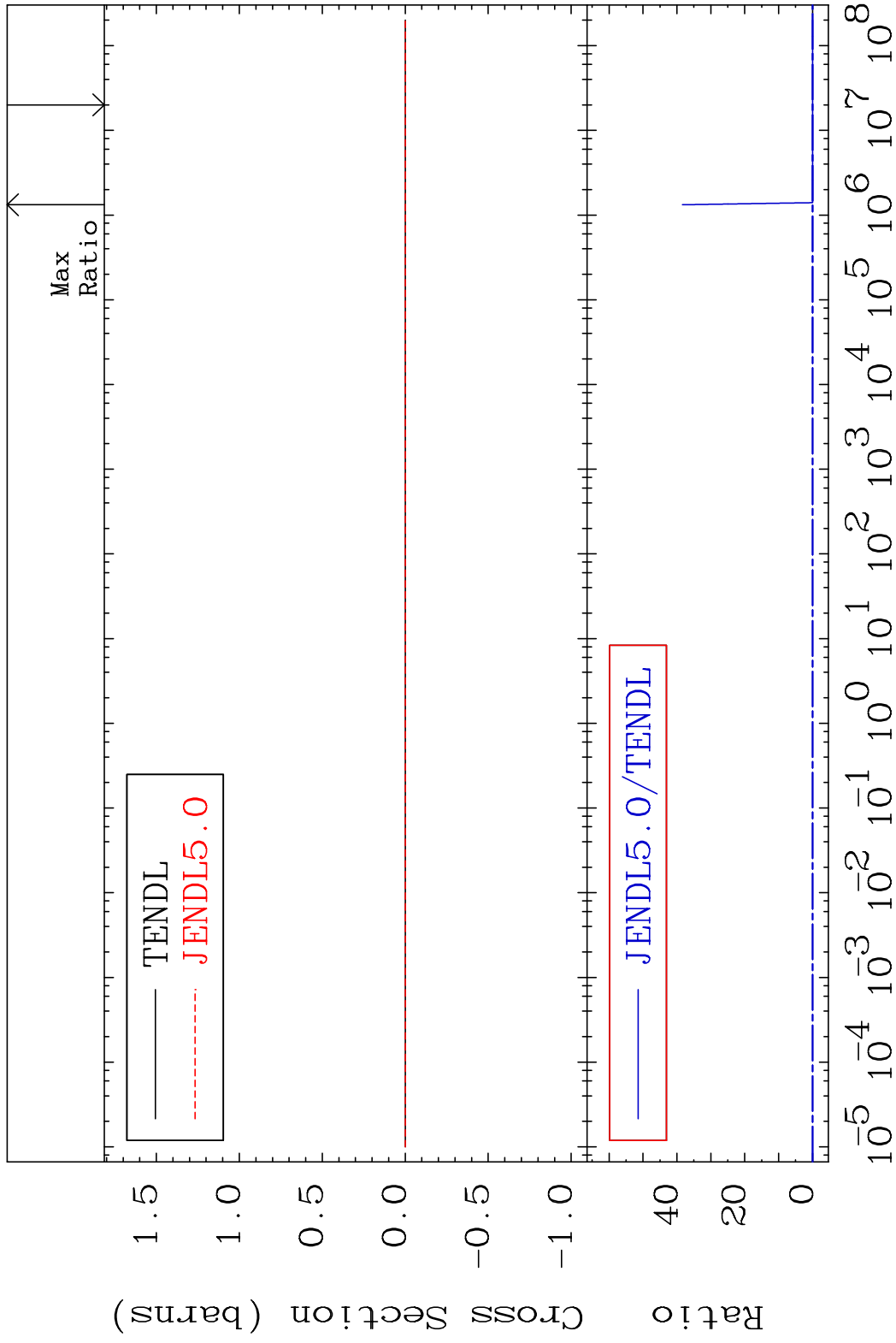


35 Incident Energy (eV) 54-Xe-136

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



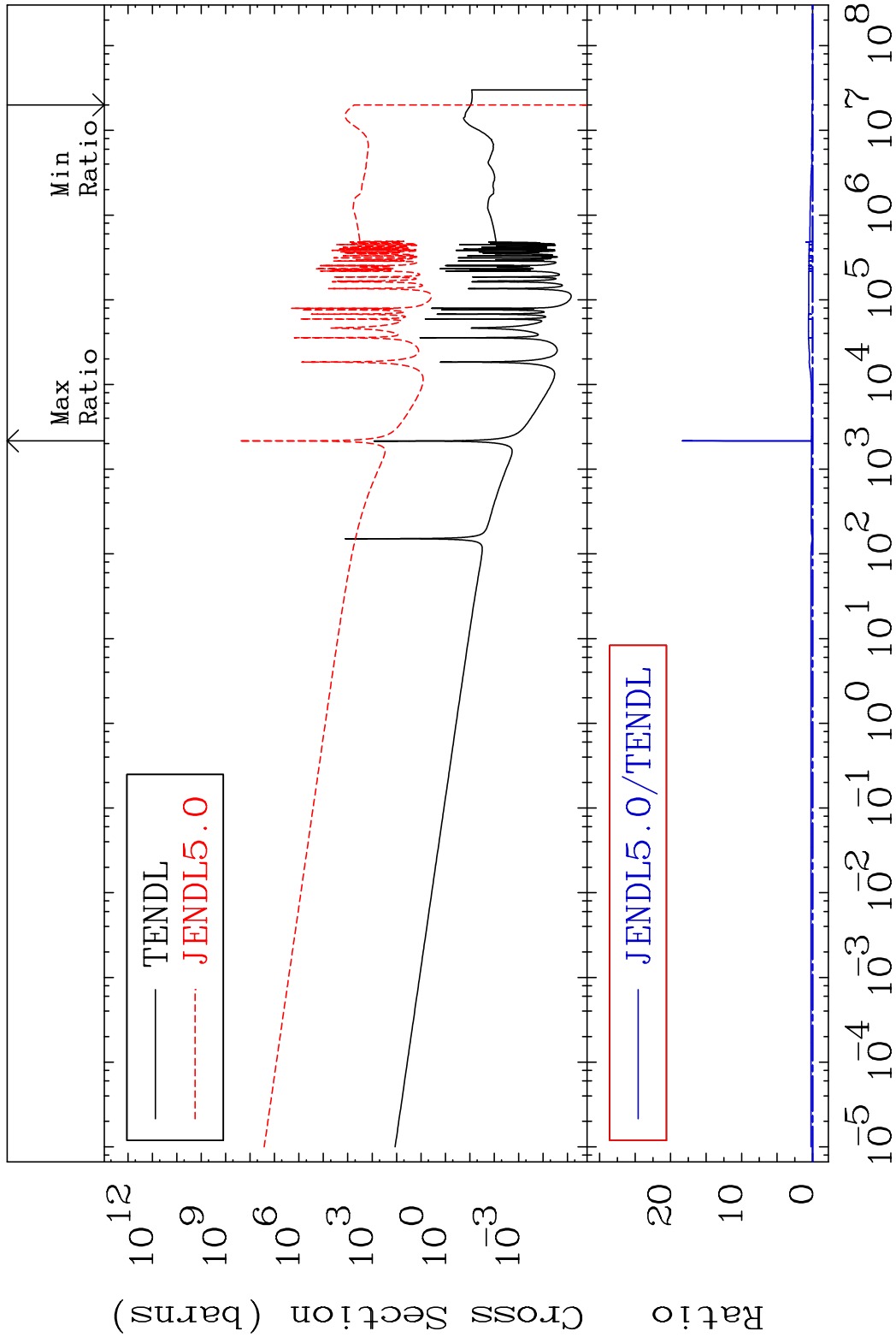
MAT 5461 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-136  
 Cross Section -100.0 To 9999. %



MAT 5461

Kerma capture (mt102) 54-Xe-136

Cross Section -100.0 To 9999. %

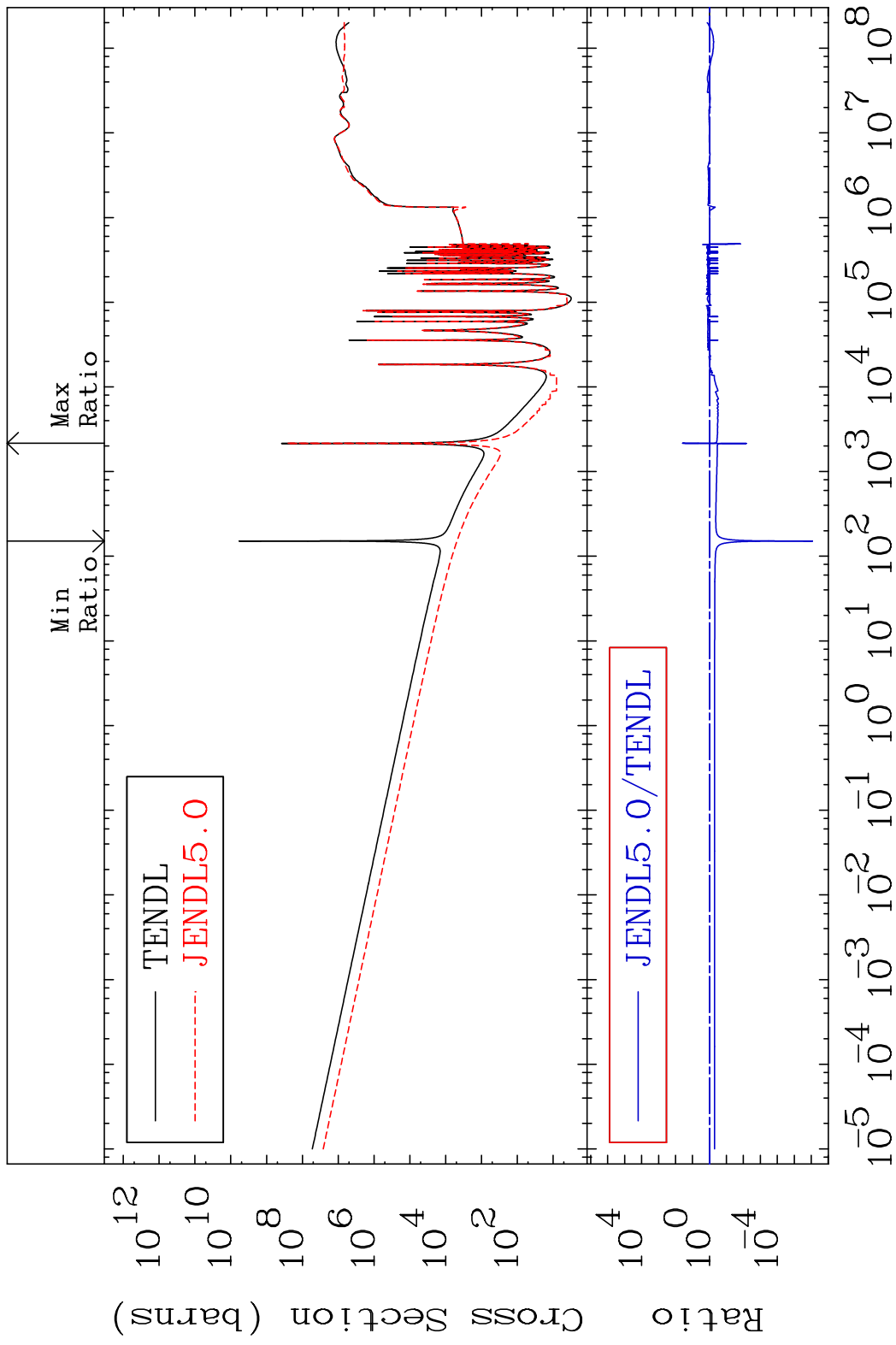


38

Incident Energy (eV)

54-Xe-136

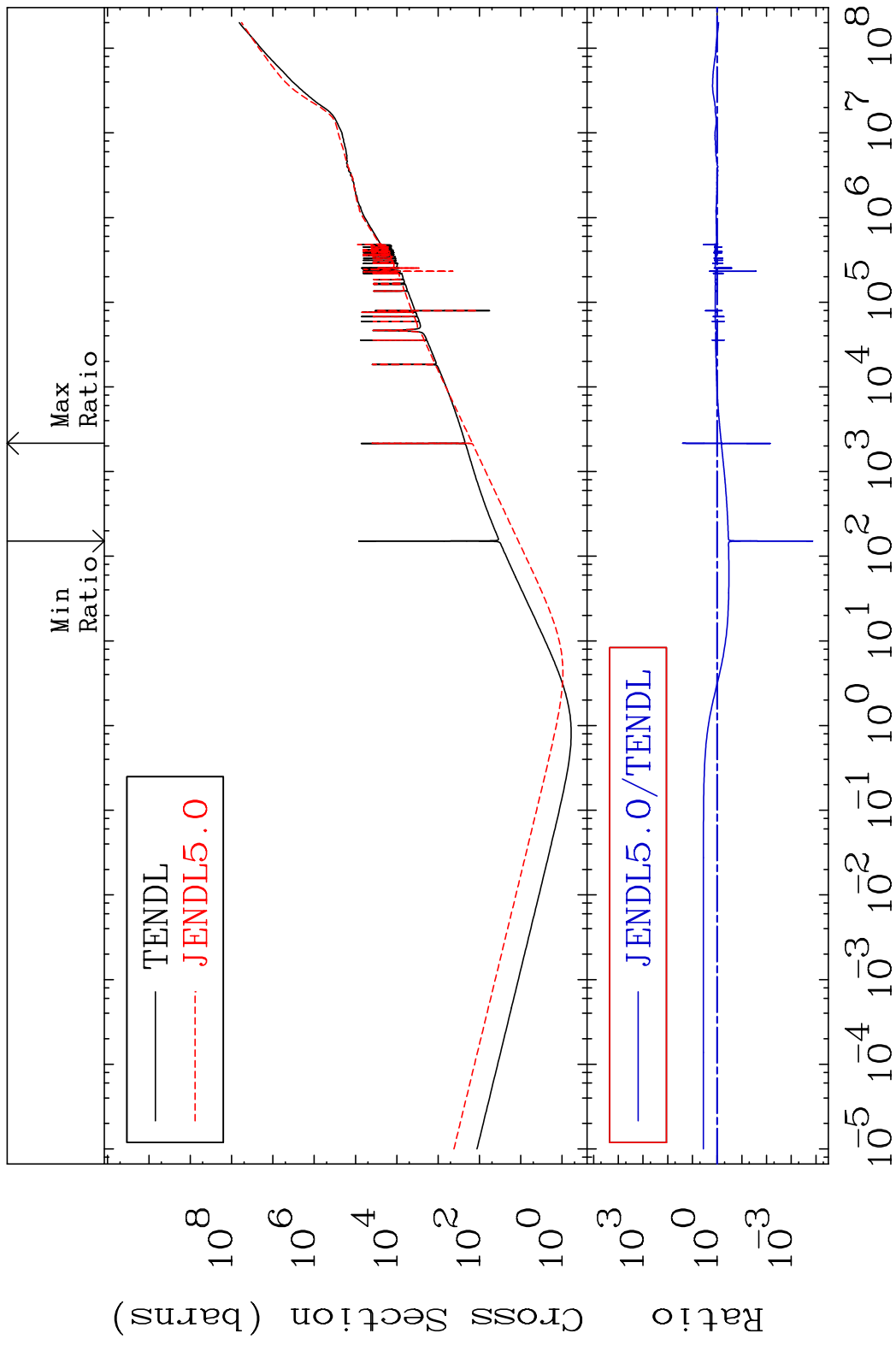
MAT 5461 Total photon (eV-barns) 54-Xe-136  
 Cross Section -100.0 To 3859. %



39 Incident Energy (eV) 54-Xe-136



MAT 5461 Total kinematic kerma (high limit) 54-Xe-136  
 Cross Section -99.99 To 2464. %

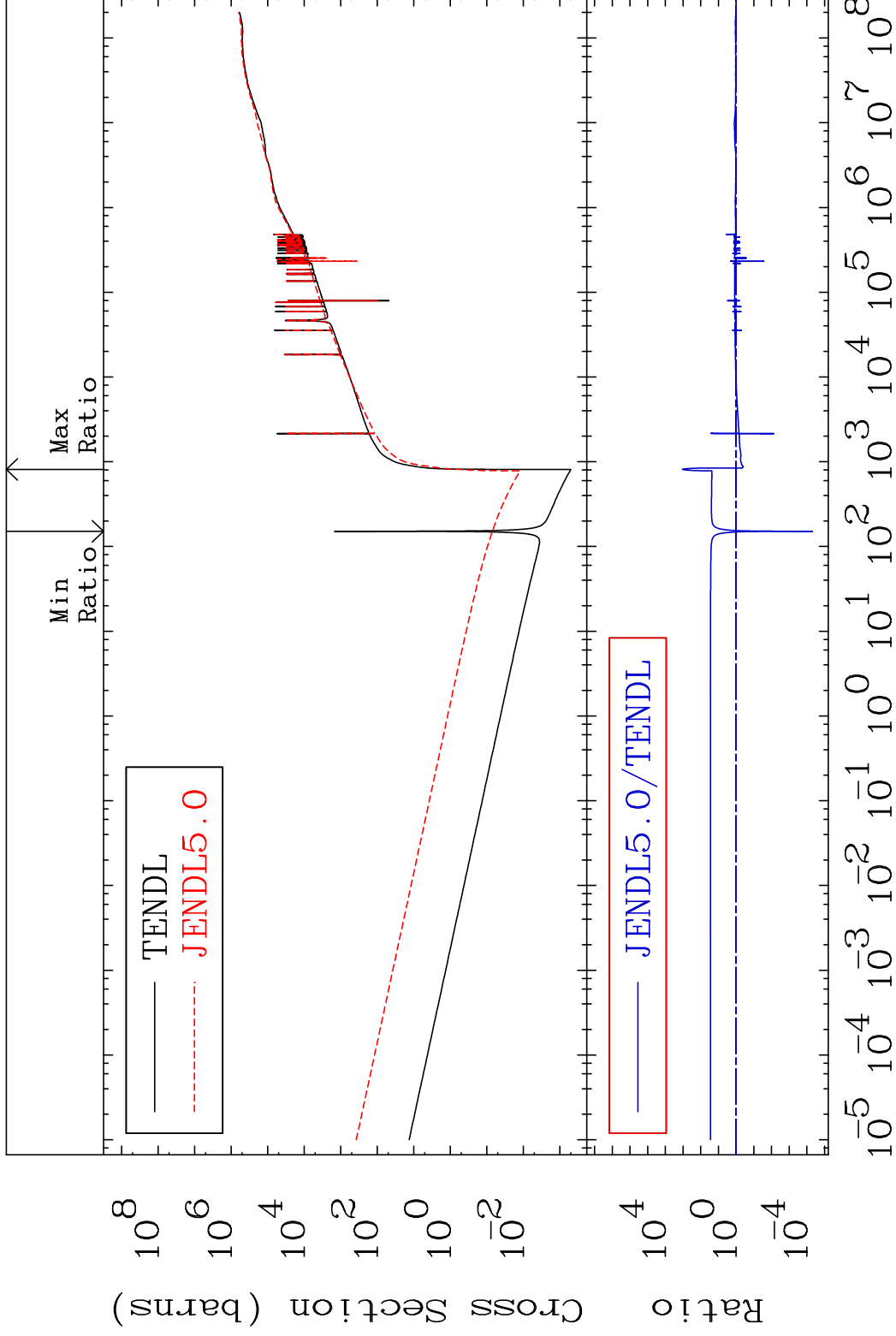


MAT 5461

Dpa total (eV-barns)

54-Xe-136

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

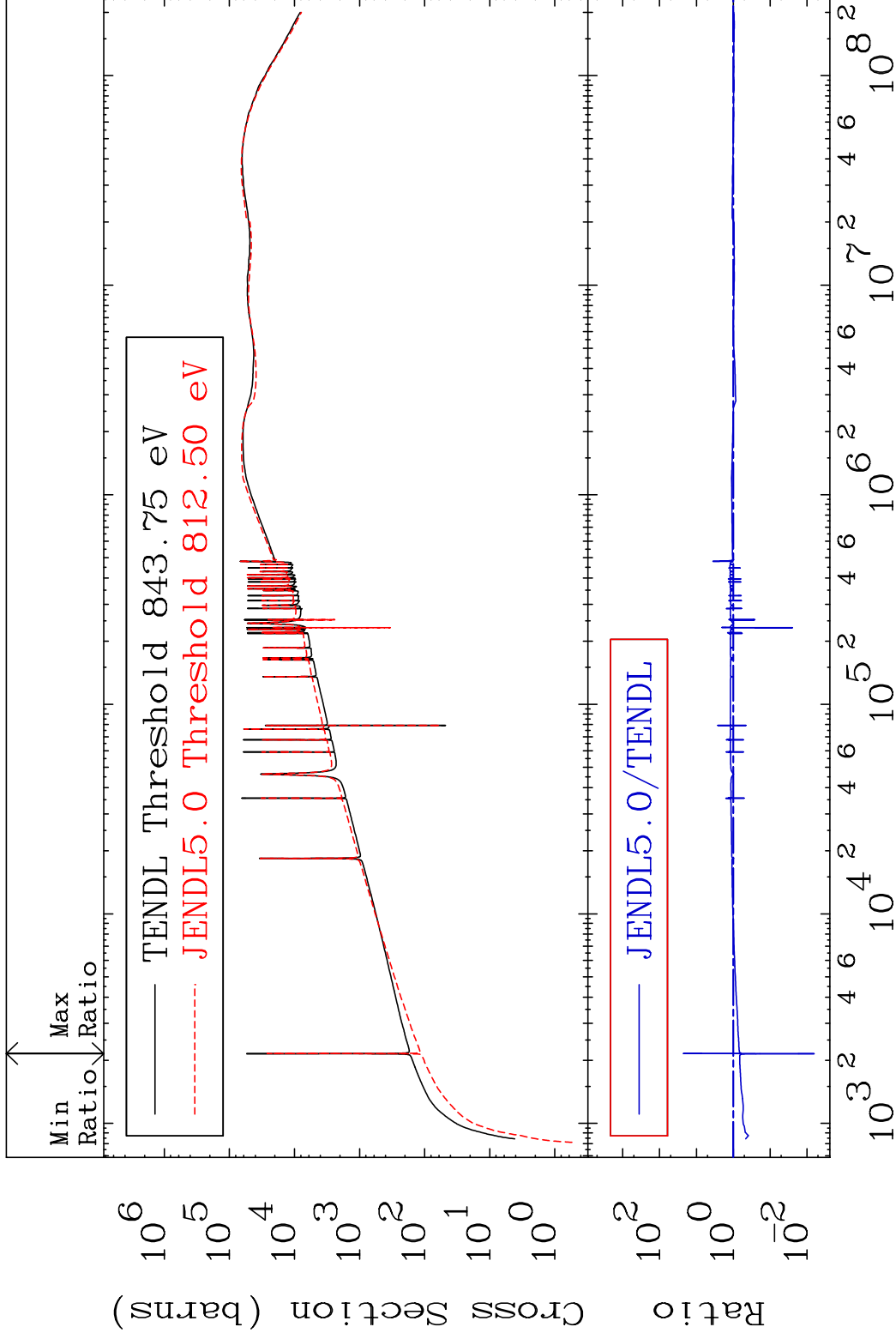
54-Xe-136

MAT 5461

Dpa elastic (mt2)

54-Xe-136

Cross Section -99.36 To 2150. %

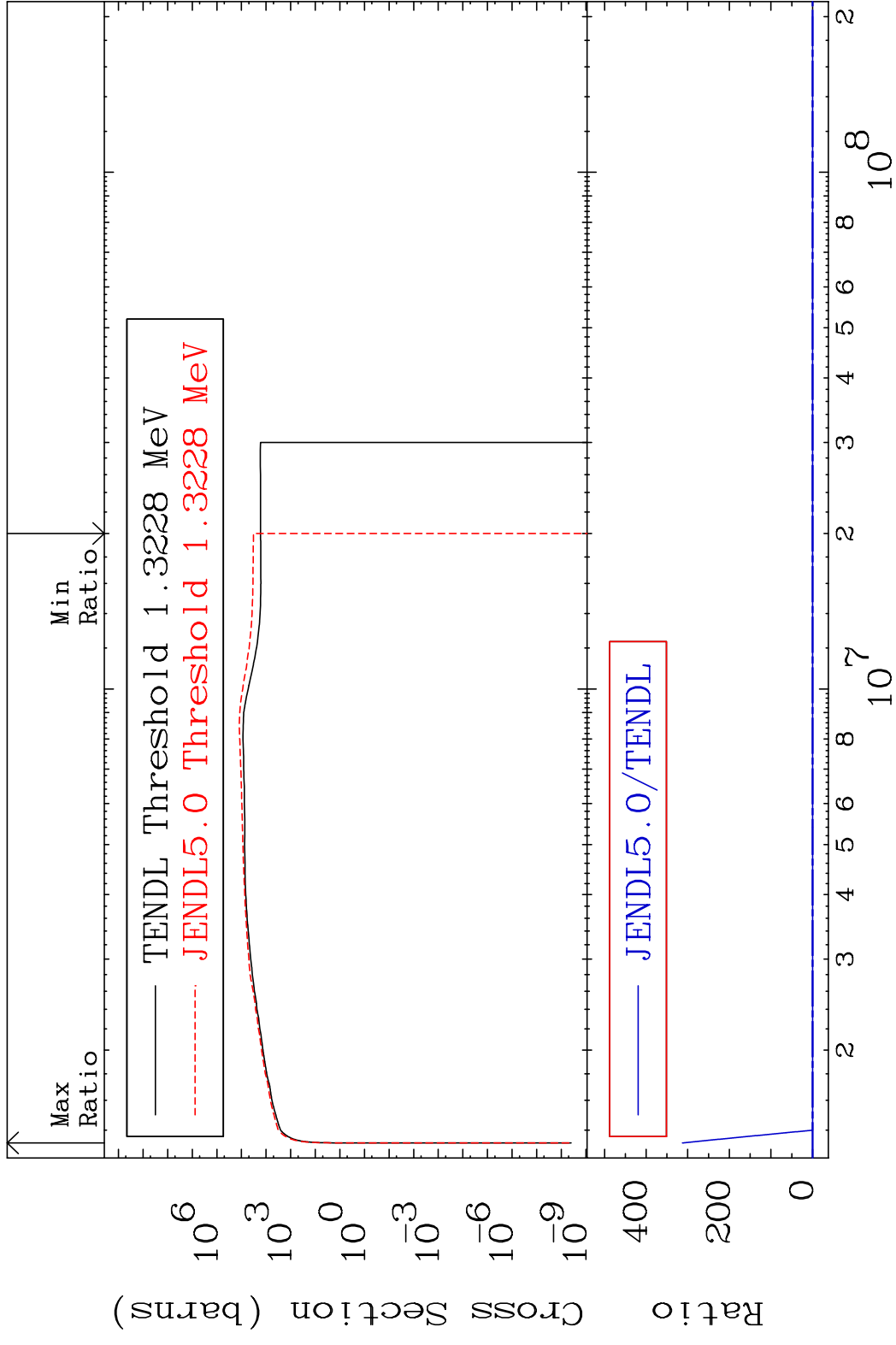


42

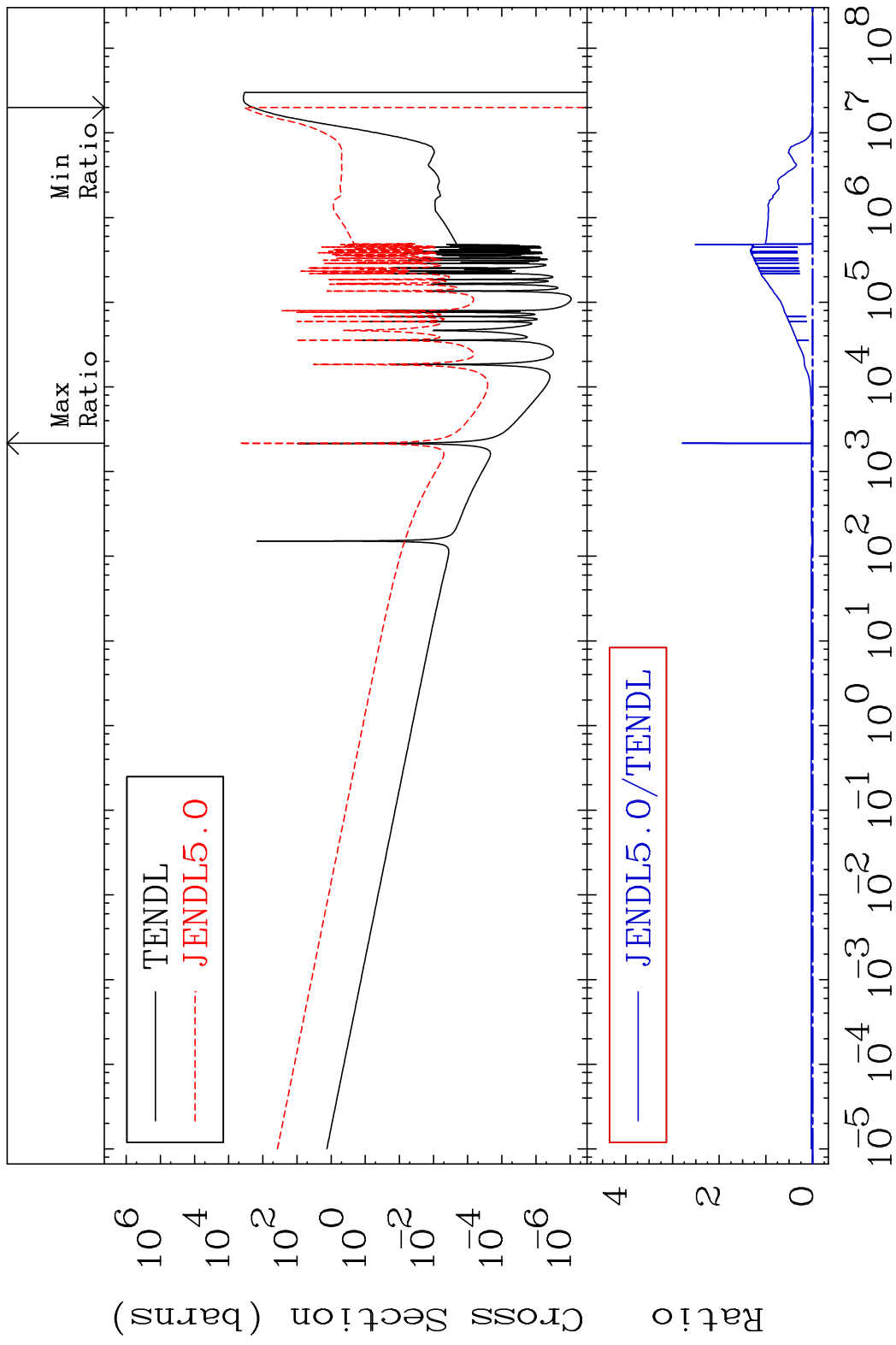
Incident Energy (eV)

54-Xe-136

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

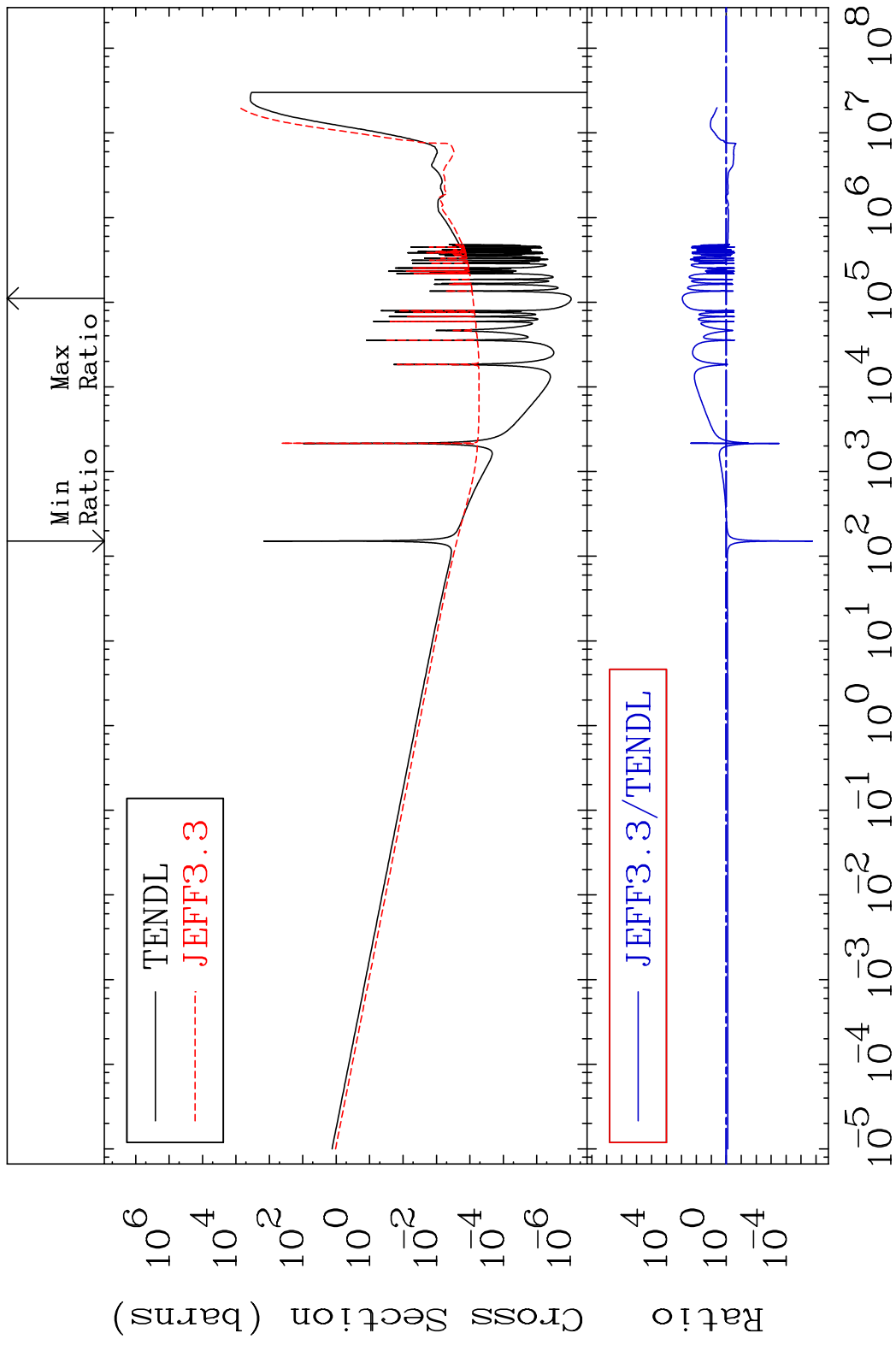


MAT 5461 Dpa disappearance (mt102 -120) 54-Xe-136  
 Cross Section -100.0 To 9999. %



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