

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

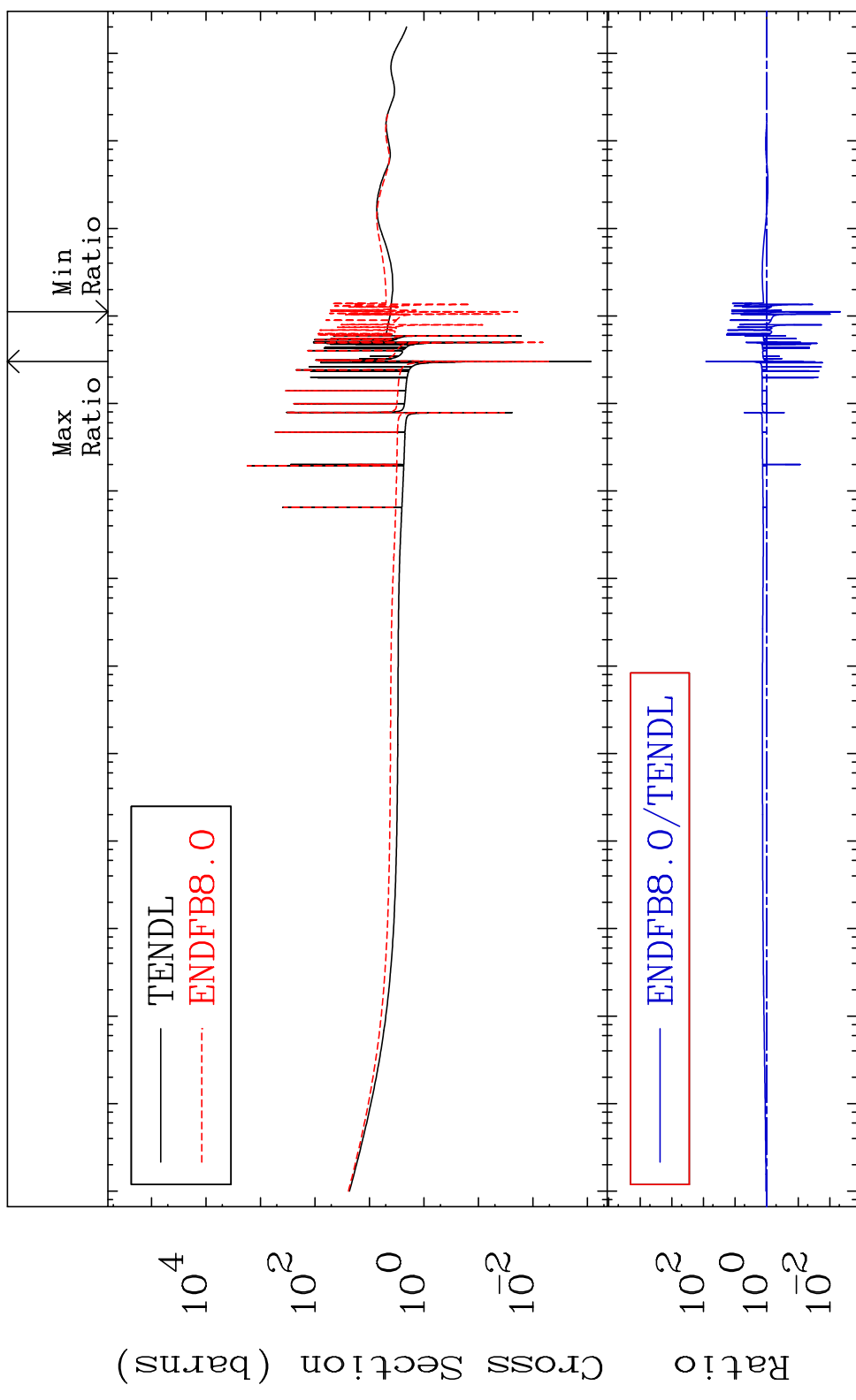
MAT 5649

Total

56-Ba-138

Cross Section

-99.54 To 8367. %



1

Incident Energy (eV)

56-Ba-138

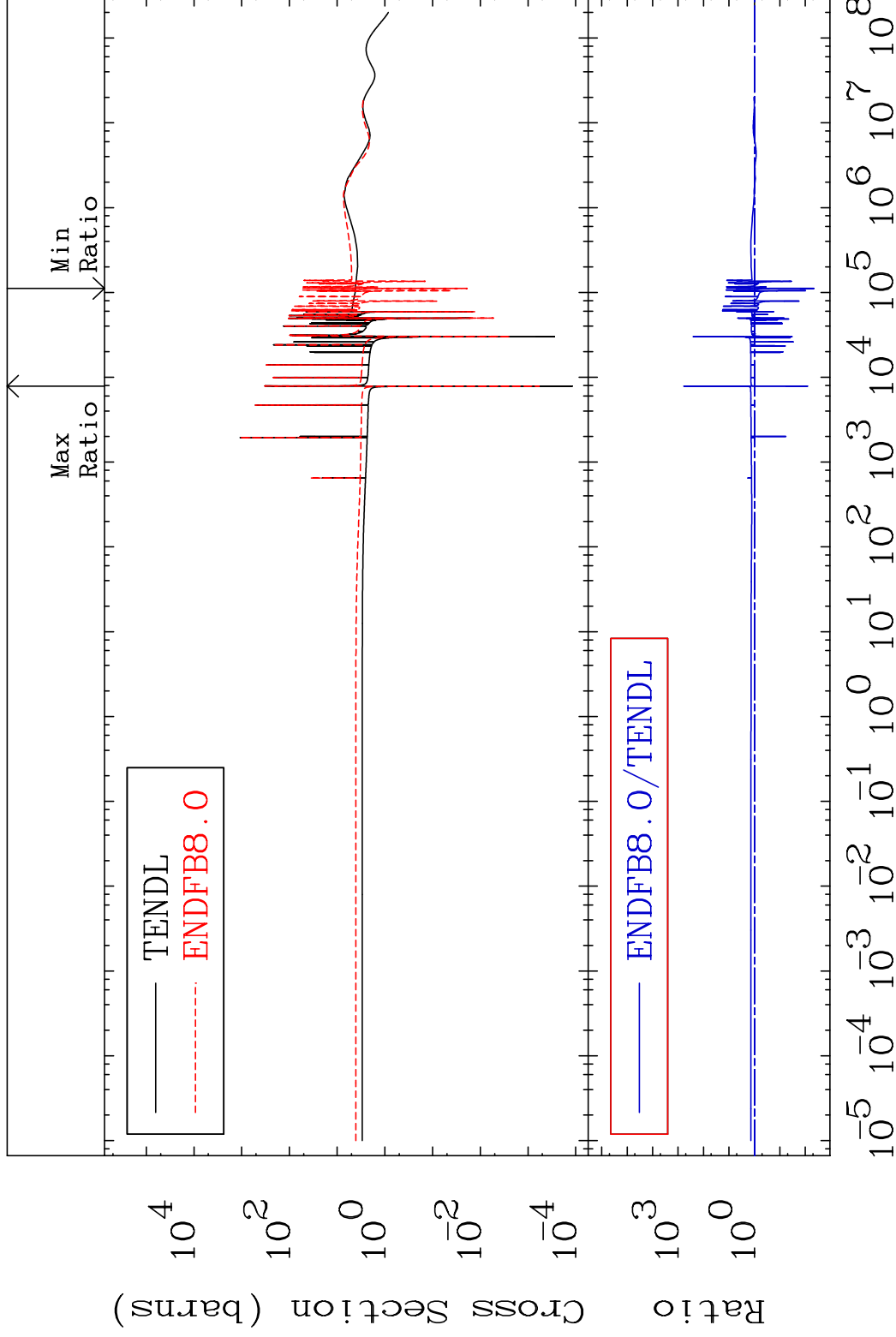
MAT 5649

Elastic

56-Ba-138

Cross Section

-99.55 To 9999. %

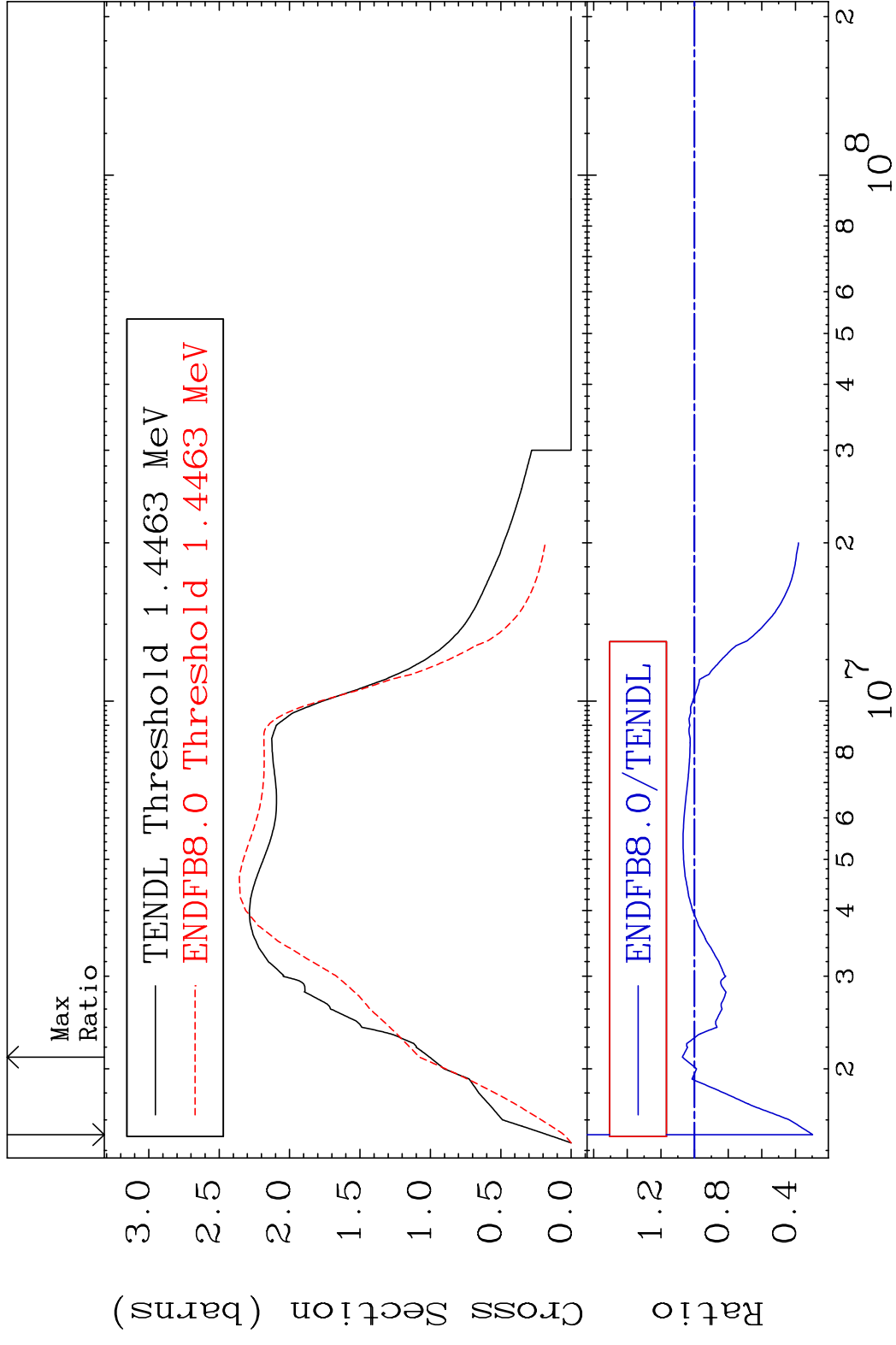


2

Incident Energy (eV)

56-Ba-138

MAT 5649 Inelastic 56-Ba-138  
 Cross Section -70.18 To 7.243 %



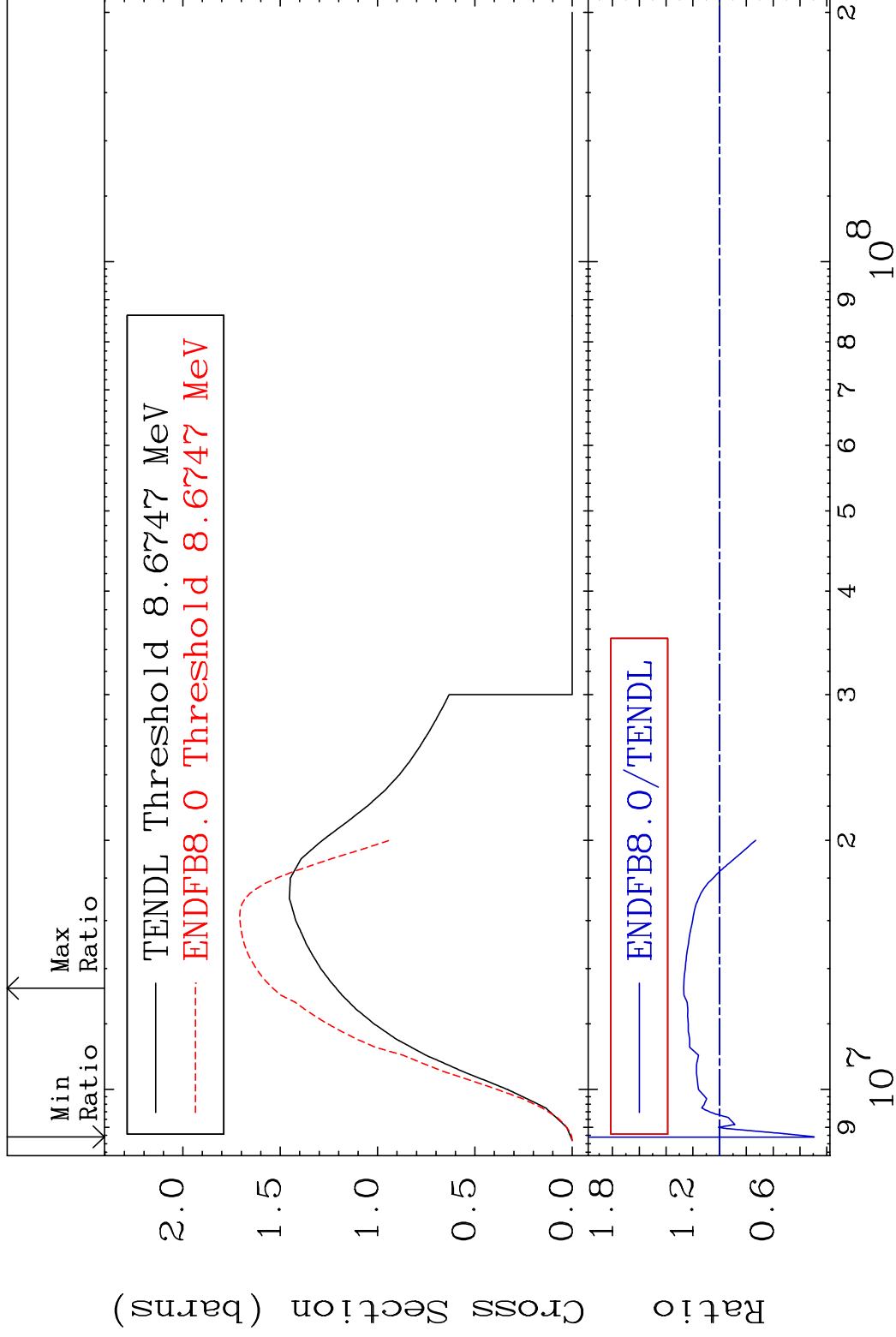
3 Incident Energy (eV) 56-Ba-138

MAT 5649

(n,2n)

56-Ba-138

Cross Section -70.59 To 26.85 %



4

Incident Energy (eV)

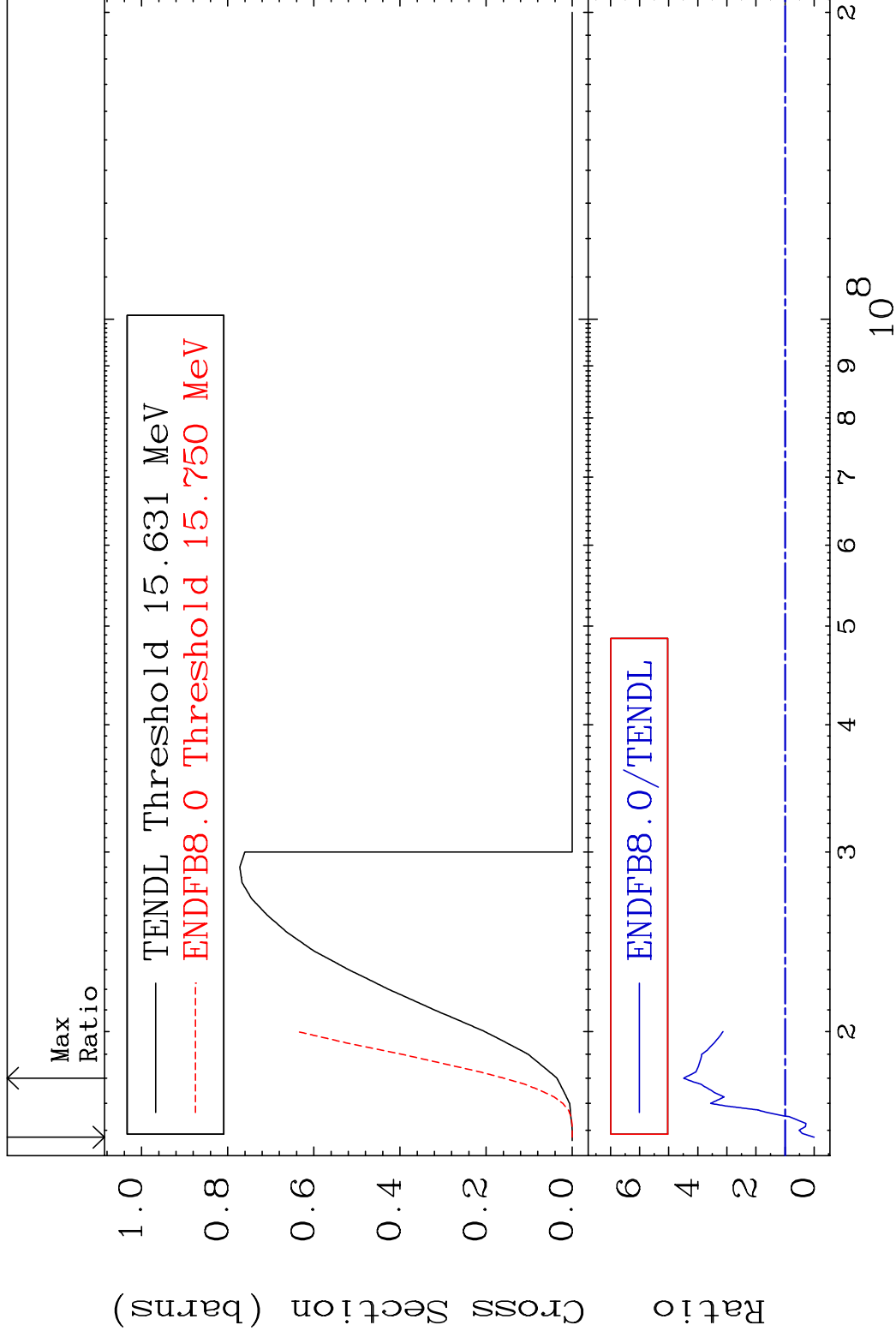
56-Ba-138

MAT 5649

(n,3n)

56-Ba-138

Cross Section -100.0 To 348.6 %

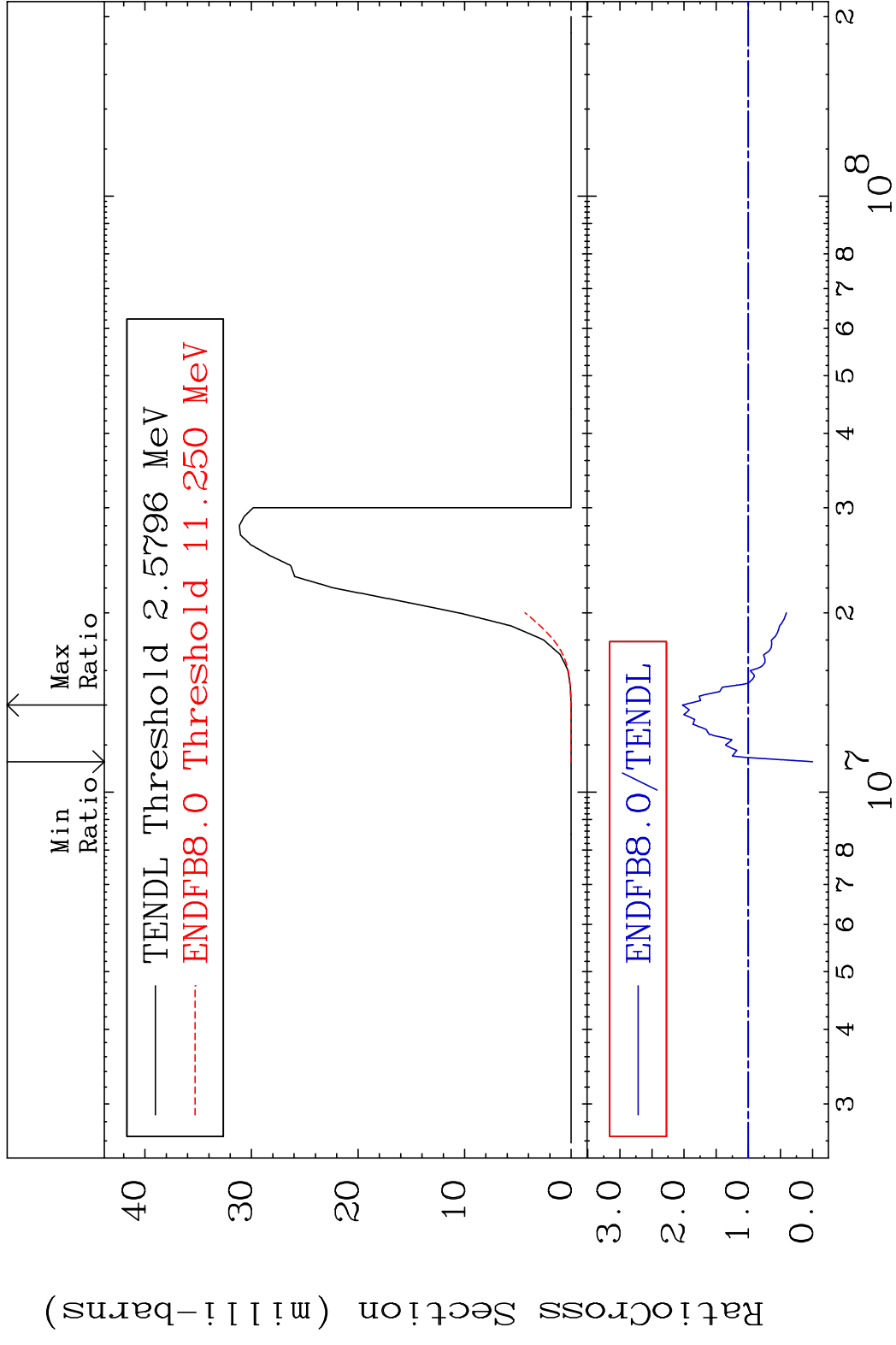


5

Incident Energy (eV)

56-Ba-138

MAT 5649 (n, n')  $\alpha$  56-Ba-138  
 Cross Section -100.0 To 102.7 %



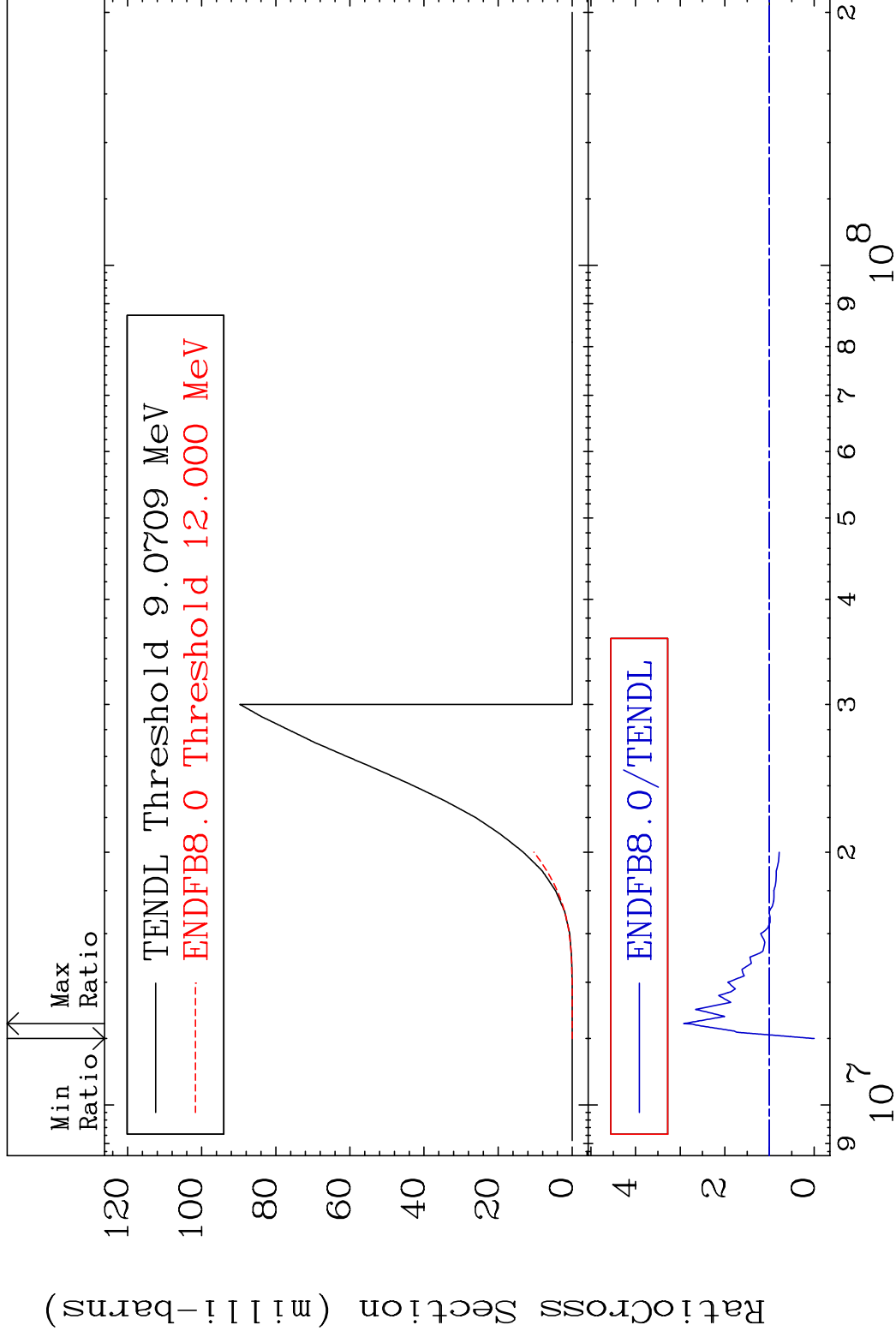
6 Incident Energy (eV) 56-Ba-138

MAT 5649

(n, n') p

56-Ba-138

Cross Section -100.0 To 192.2 %



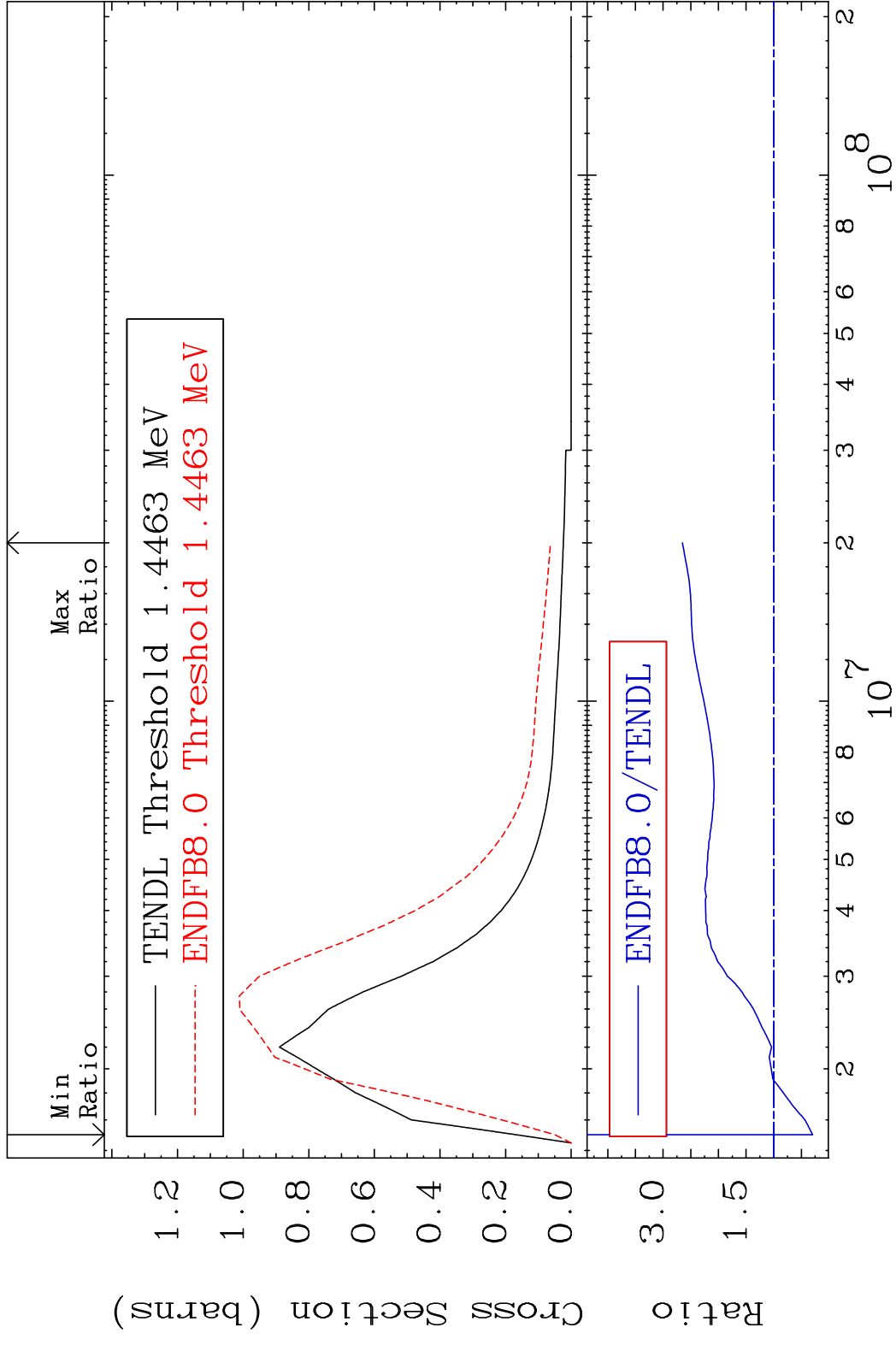
7

Incident Energy (eV)

56-Ba-138

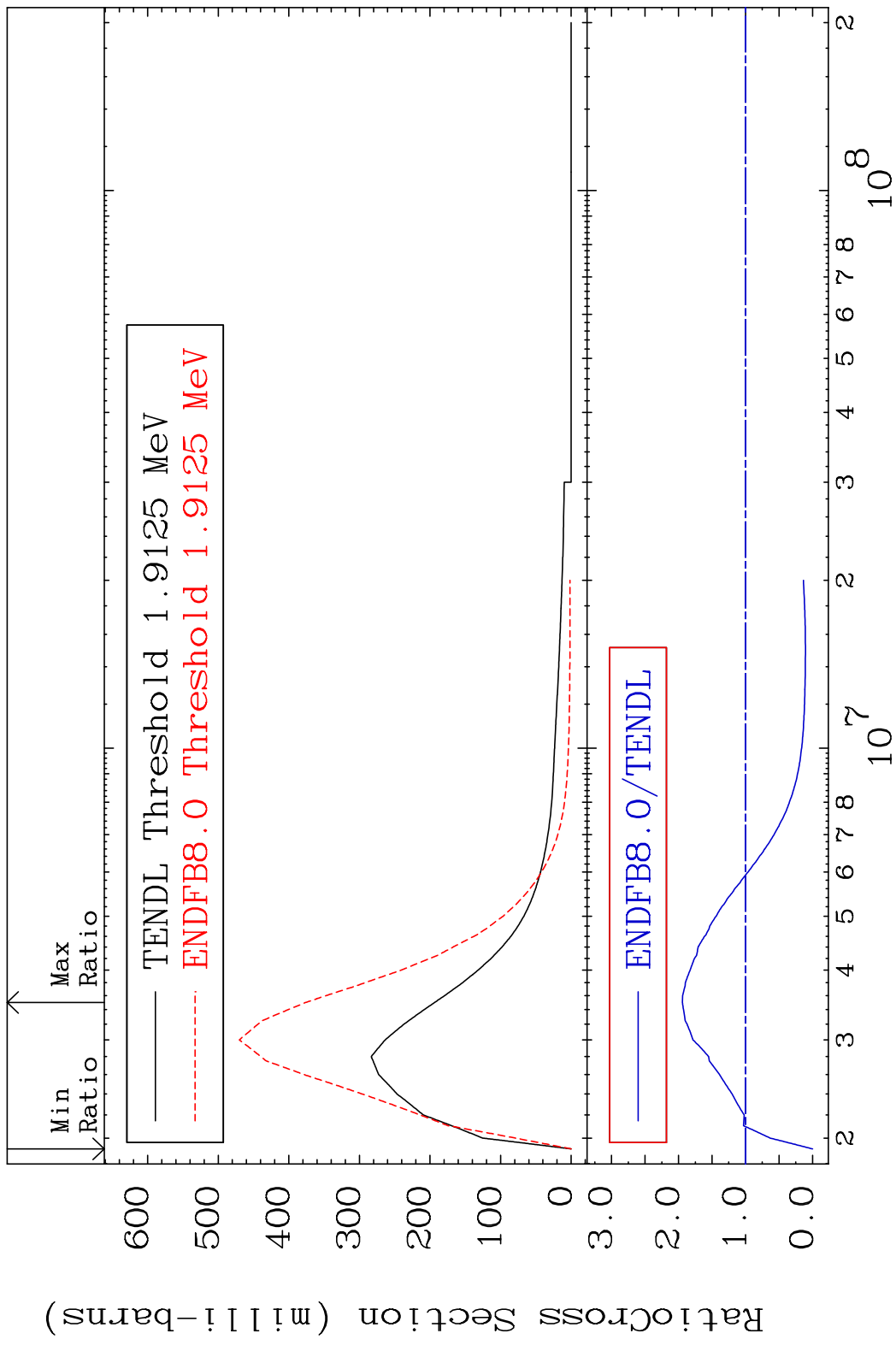


MAT 5649 MT= 51 (n, n') Level 56-Ba-138  
 Cross Section -70.18 To 165.2 %



8 Incident Energy (eV) 56-Ba-138

MAT 5649 MT= 52 (n, n') Level 56-Ba-138  
 Cross Section -100.0 To 94.30 %

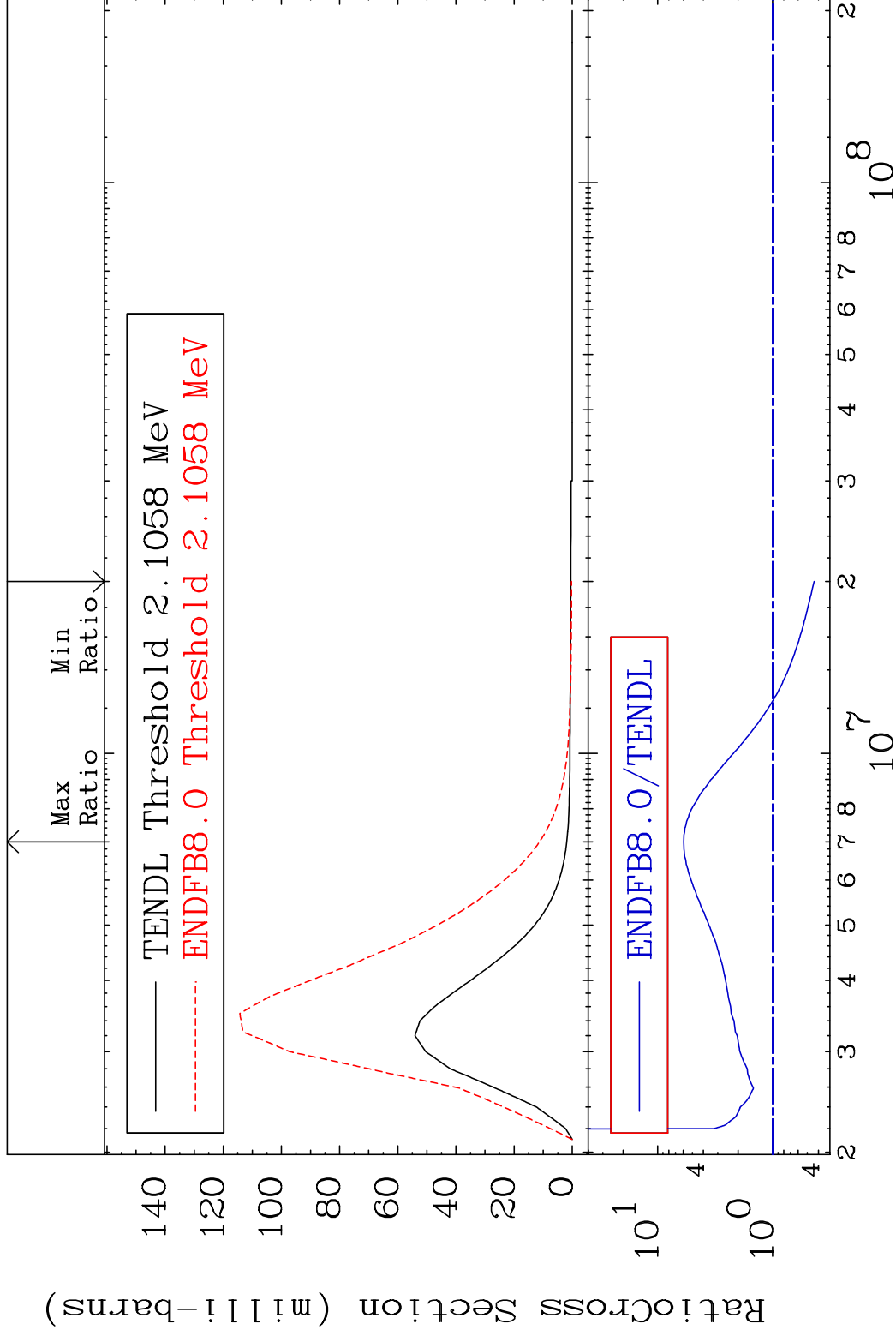


MAT 5649

MT= 53 (n, n') Level

56-Ba-138

Cross Section -56.37 To 494.5 %



10

Incident Energy (eV)

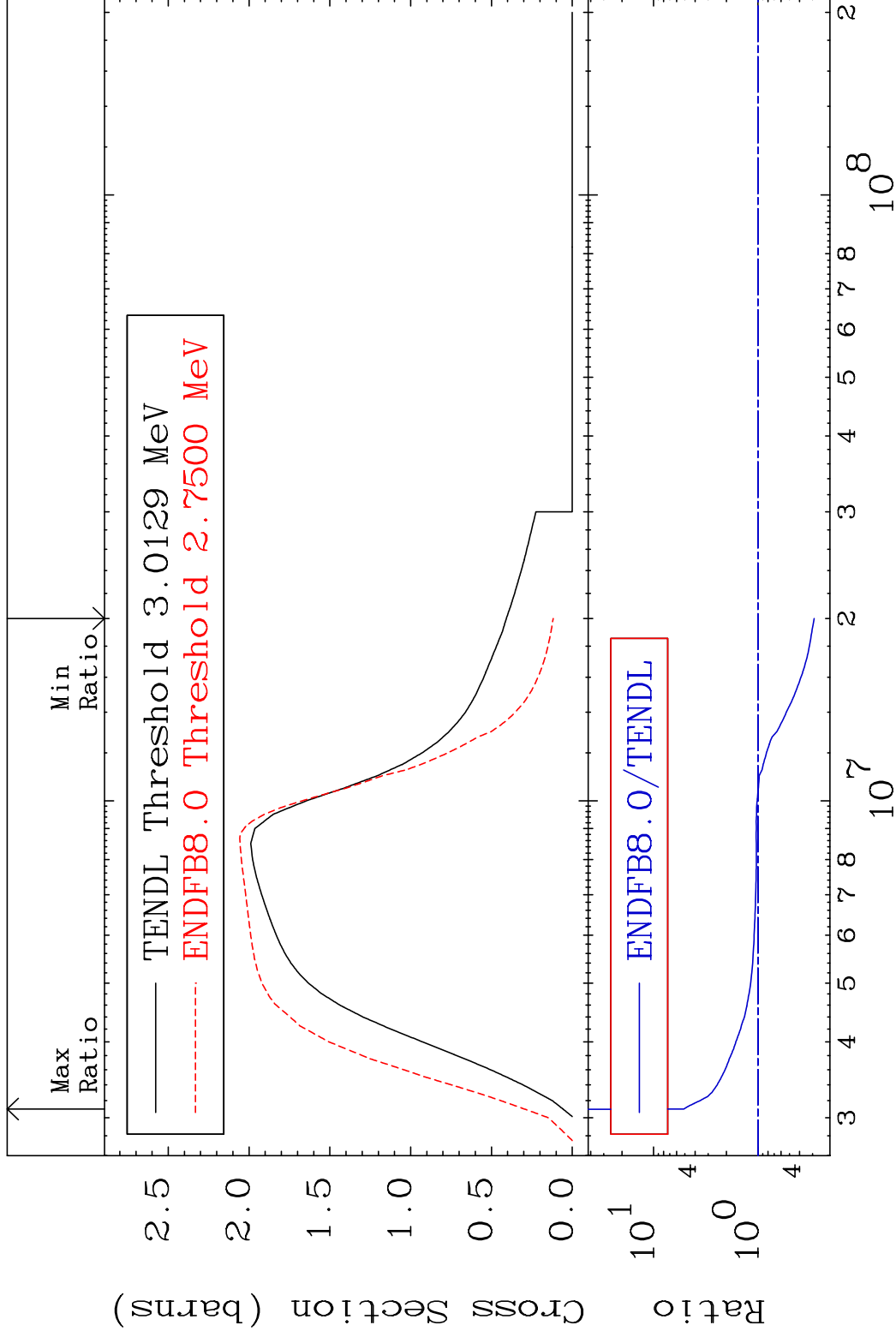
56-Ba-138

MAT 5649

(n,n') Continuum

56-Ba-138

Cross Section -71.02 To 414.2 %

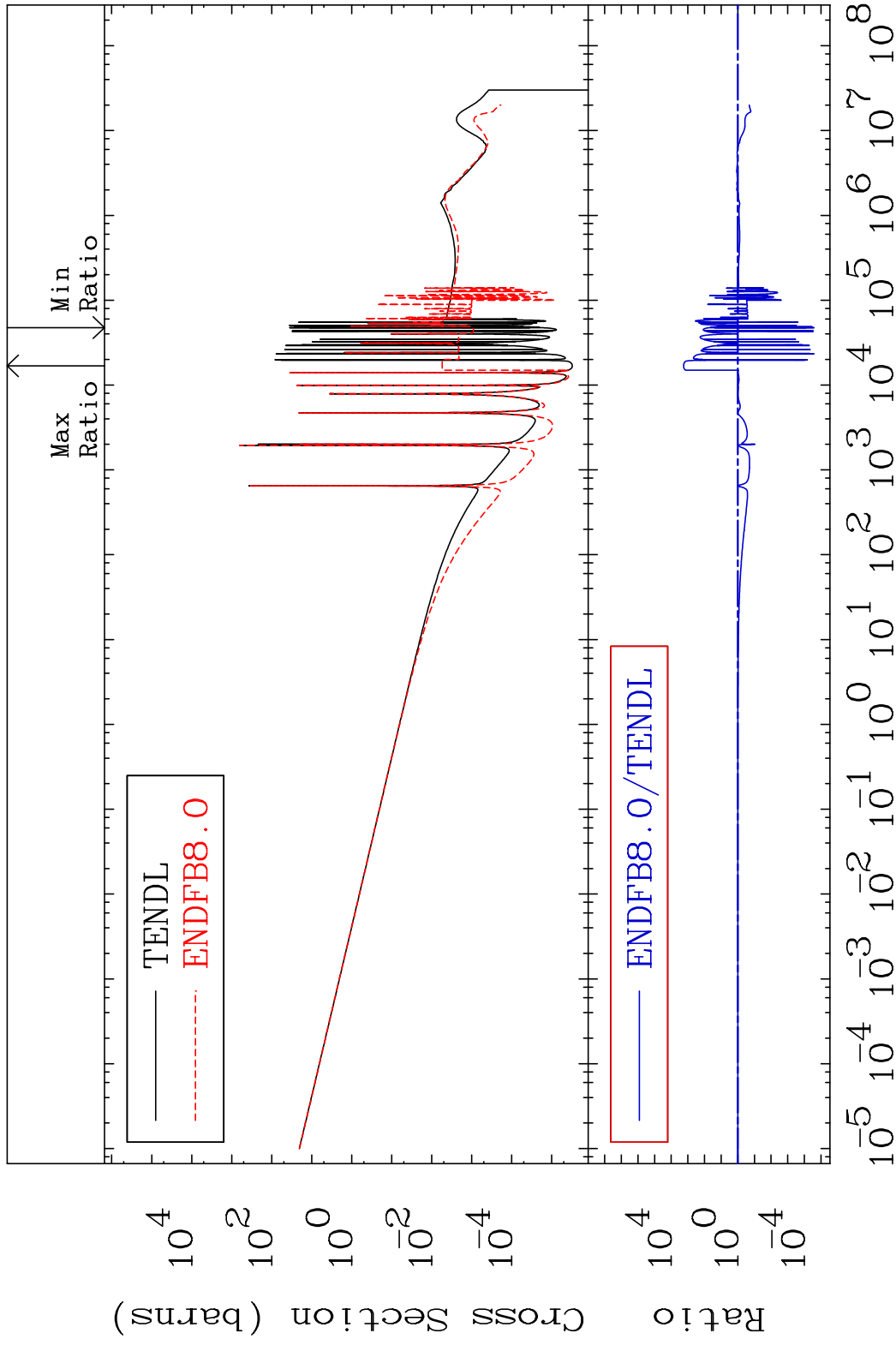


MAT 5649

(n,  $\gamma$ )

56-Ba-138

Cross Section -100.0 To 9999. %



12

Incident Energy (eV)

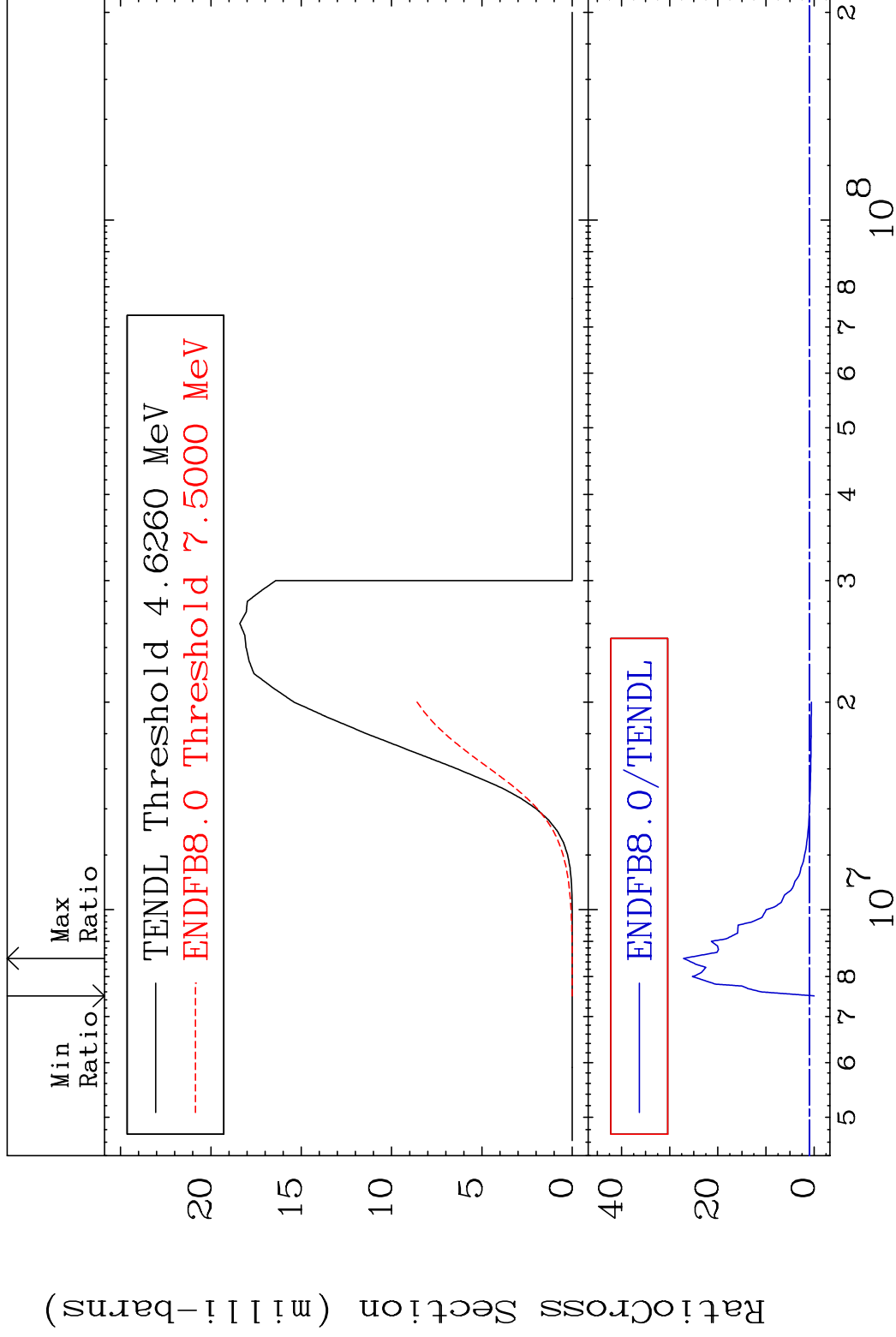
56-Ba-138

MAT 5649

(n,p)

56-Ba-138

Cross Section -100.0 To 2609. %



13

Incident Energy (eV)

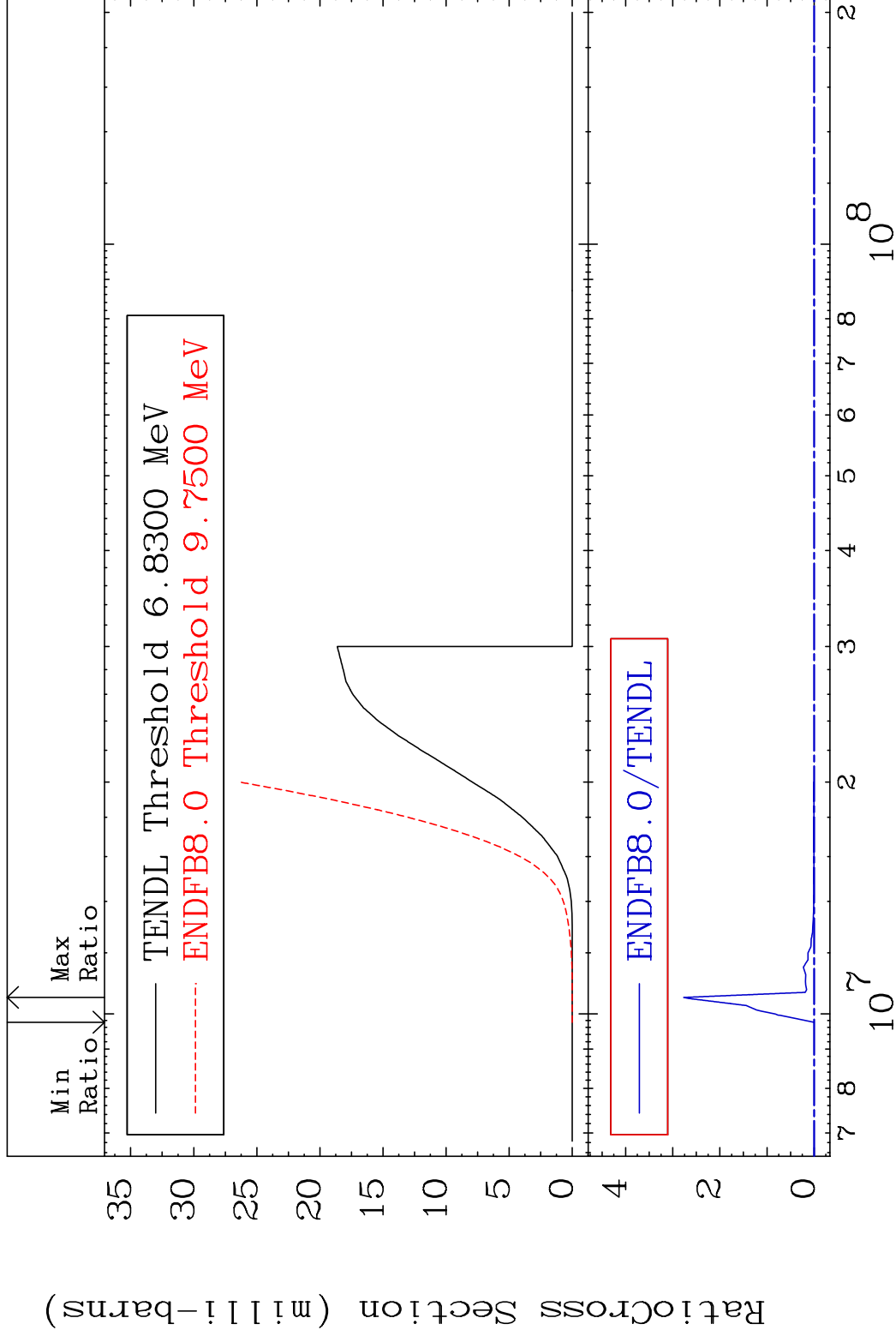
56-Ba-138

MAT 5649

(n,d)

56-Ba-138

Cross Section -100.0 To 9999. %



14

Incident Energy (eV)

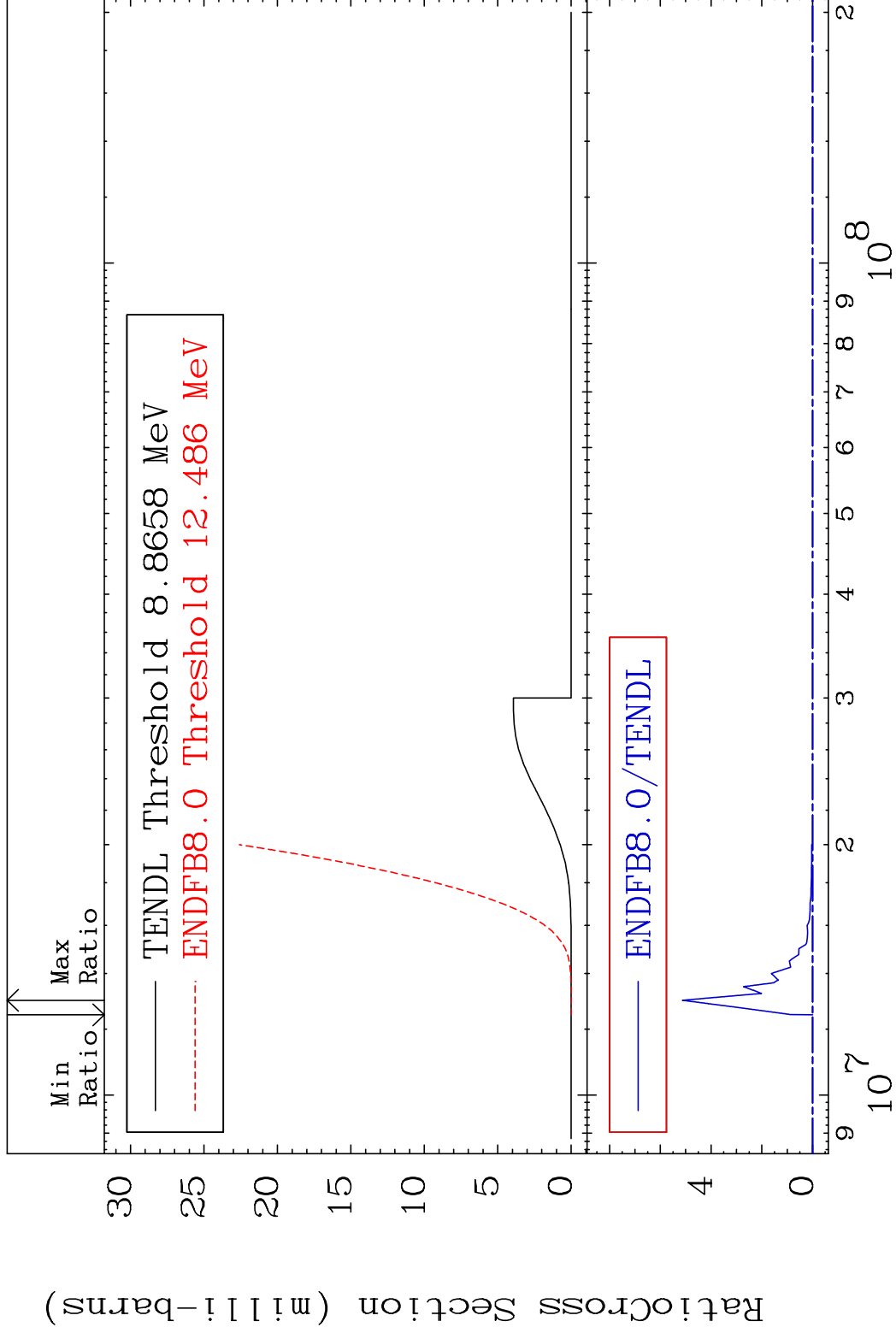
56-Ba-138

MAT 5649

(n, t)

56-Ba-138

Cross Section -100.0 To 9999. %



15

Incident Energy (eV)

56-Ba-138

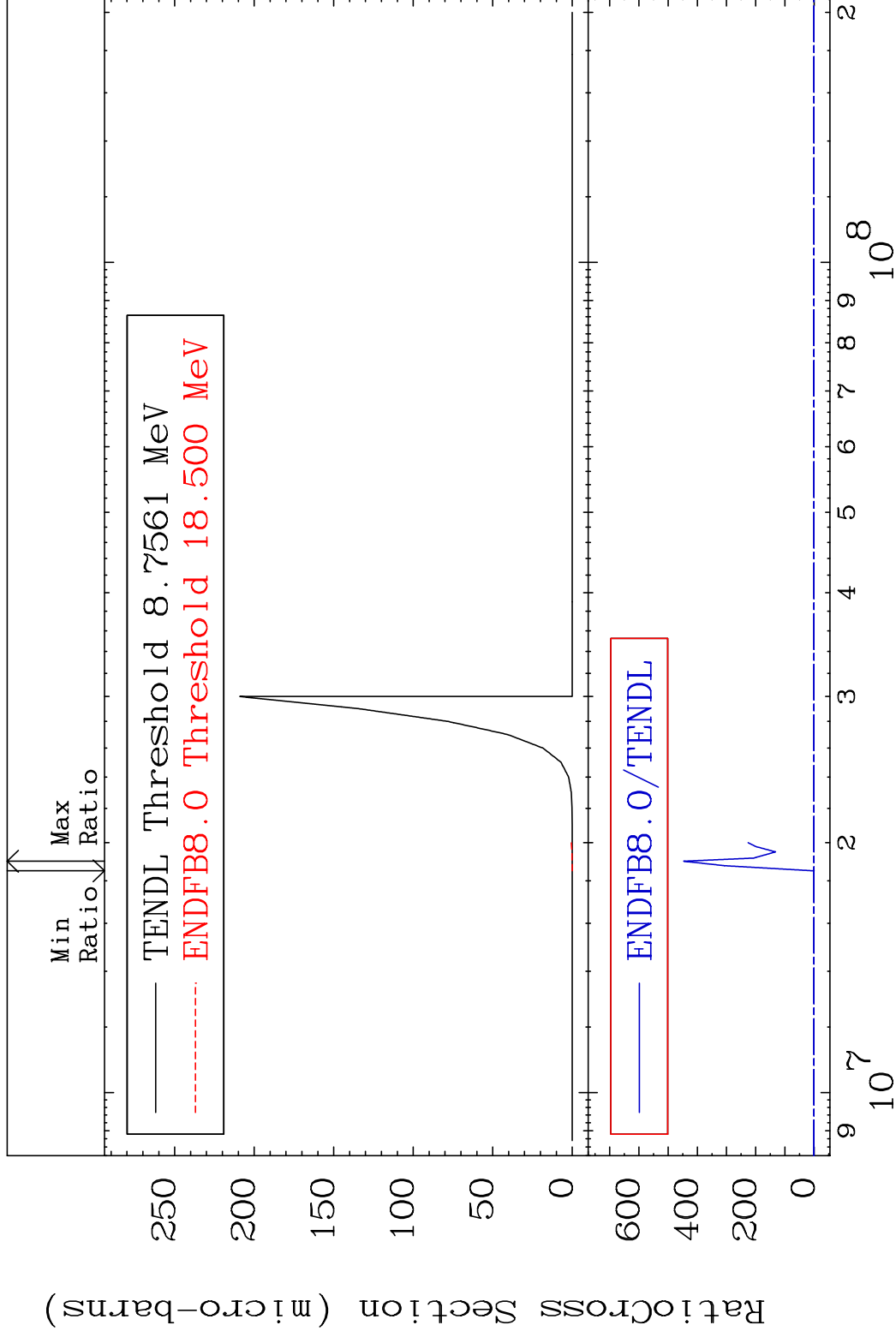


MAT 5649

(n, He-3)

56-Ba-138

Cross Section -100.0 To 9999. %



16

Incident Energy (eV)

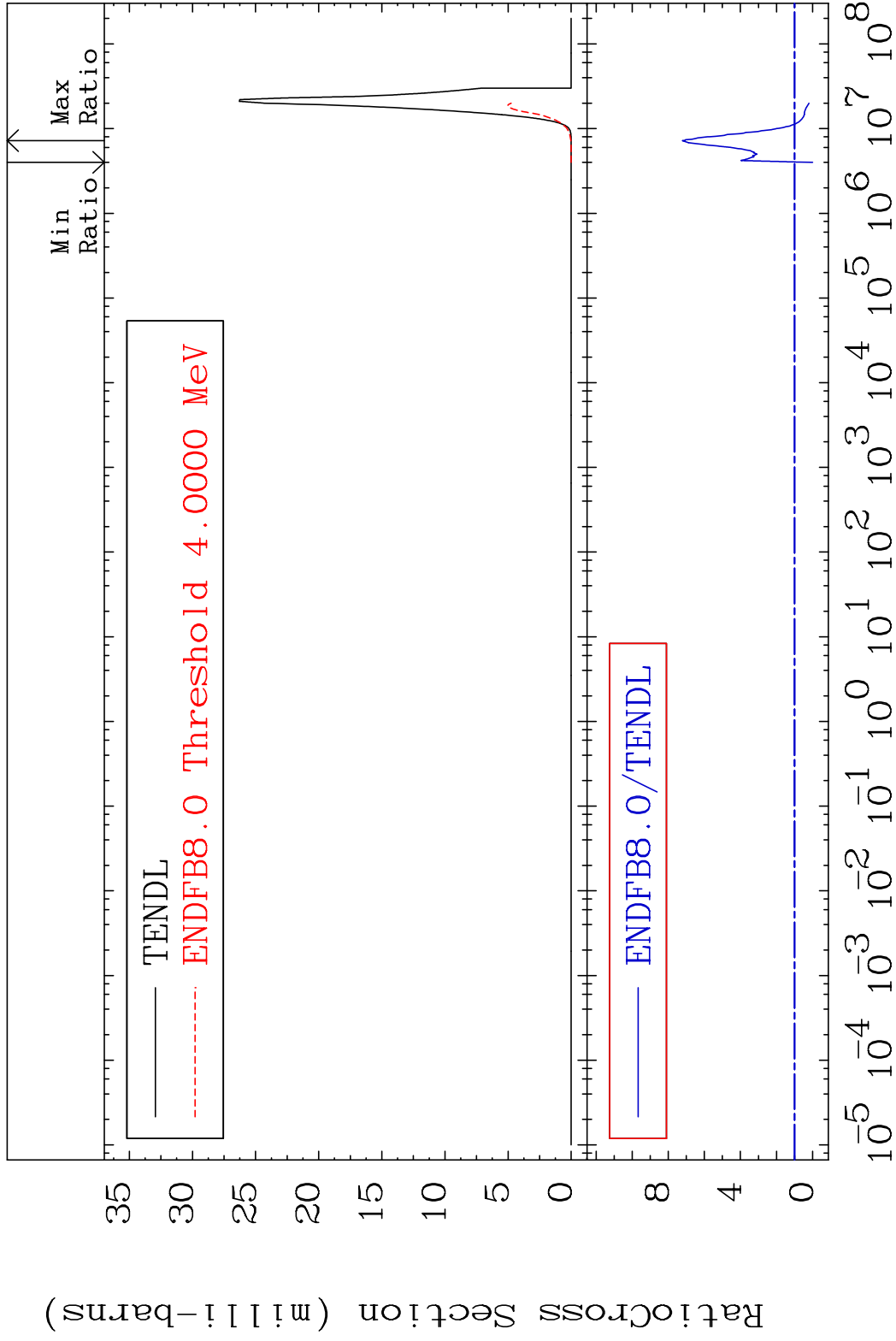
56-Ba-138

MAT 5649

(n,  $\alpha$ )

56-Ba-138

Cross Section -100.0 To 622.0 %



17

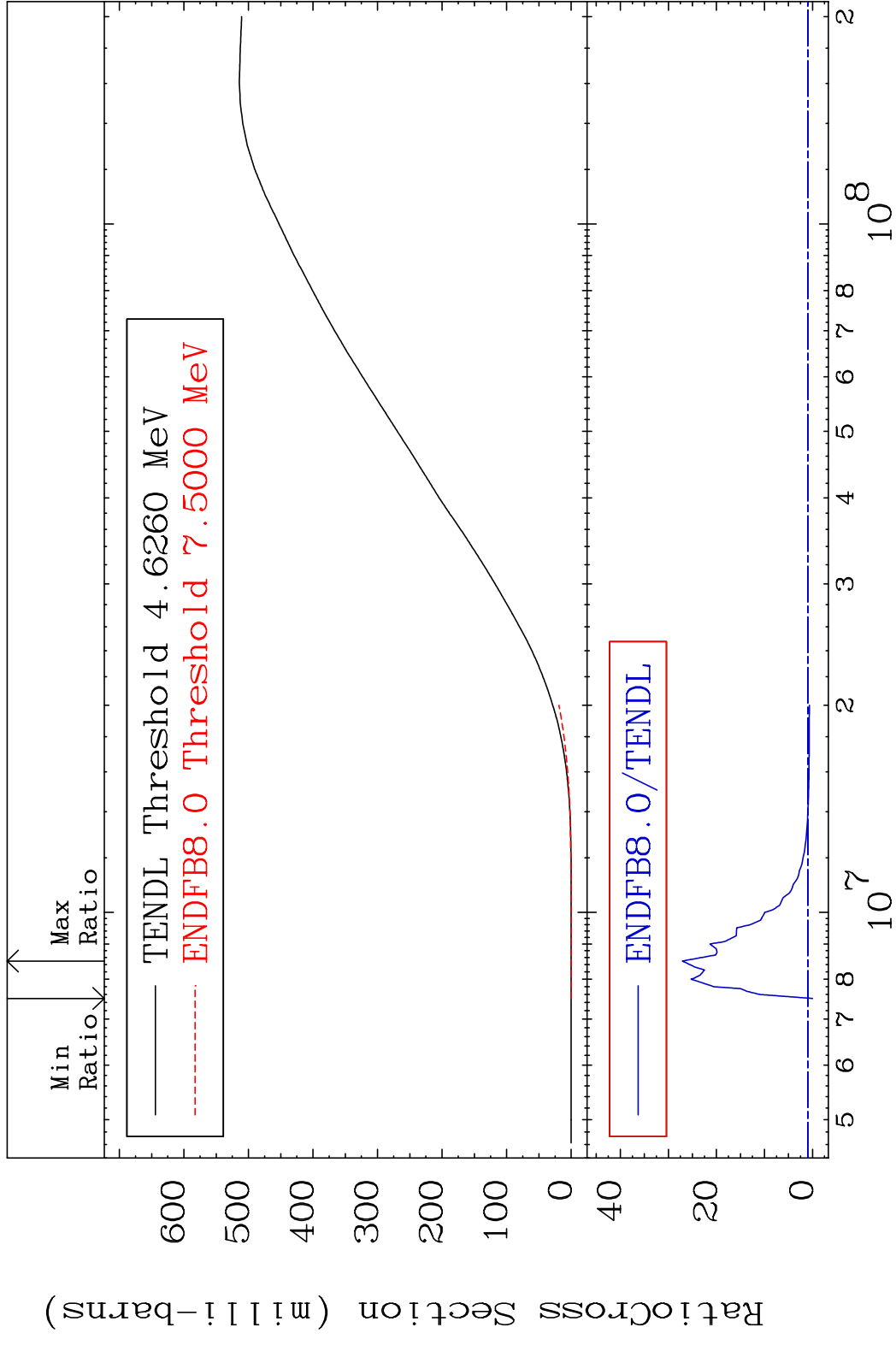
Incident Energy (eV)

56-Ba-138

MAT 5649

Hydrogen Production 56-Ba-138

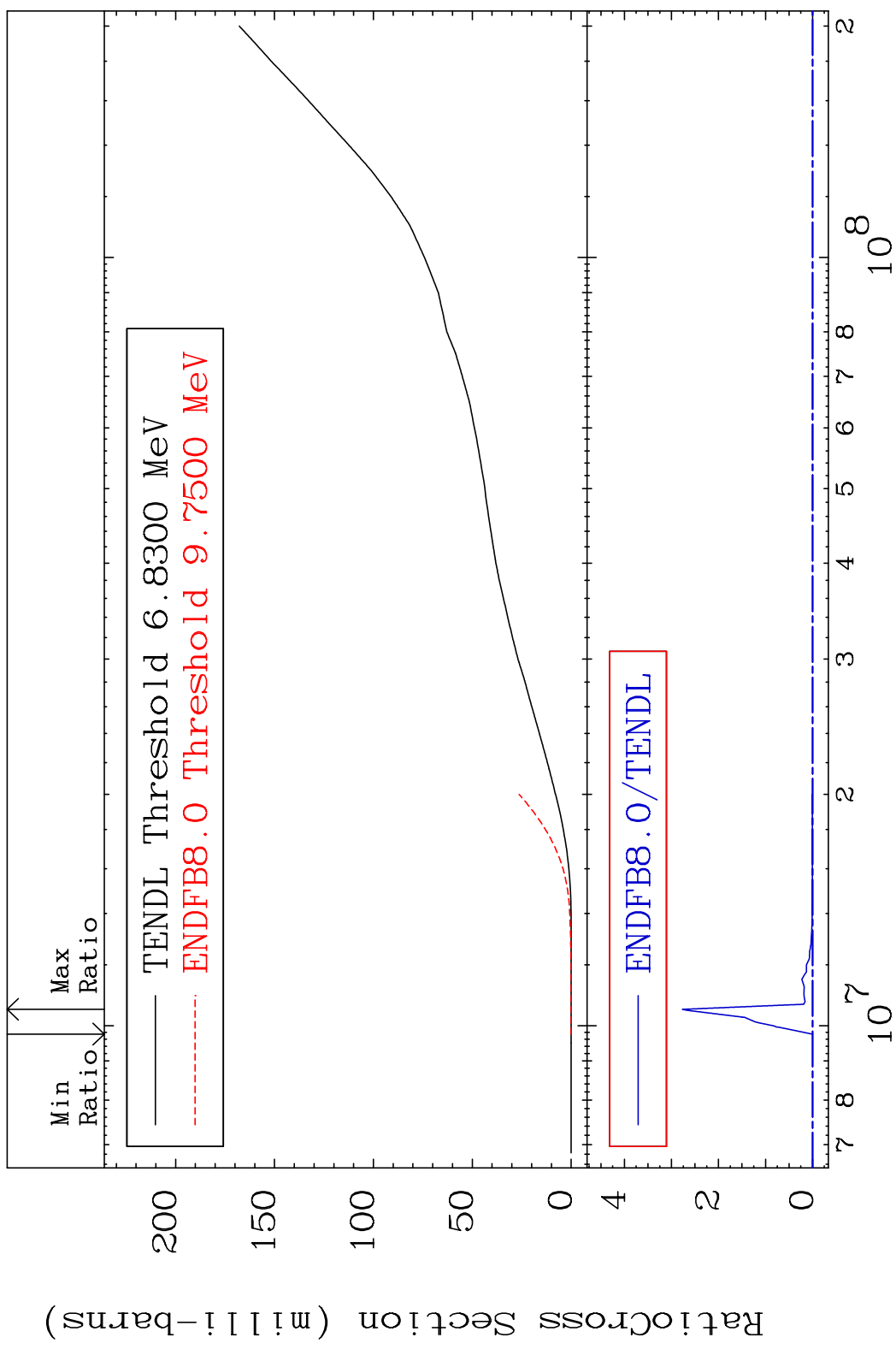
Cross Section -100.0 To 2609. %



MAT 5649

Deuterium Production 56-Ba-138

Cross Section -100.0 To 9999. %



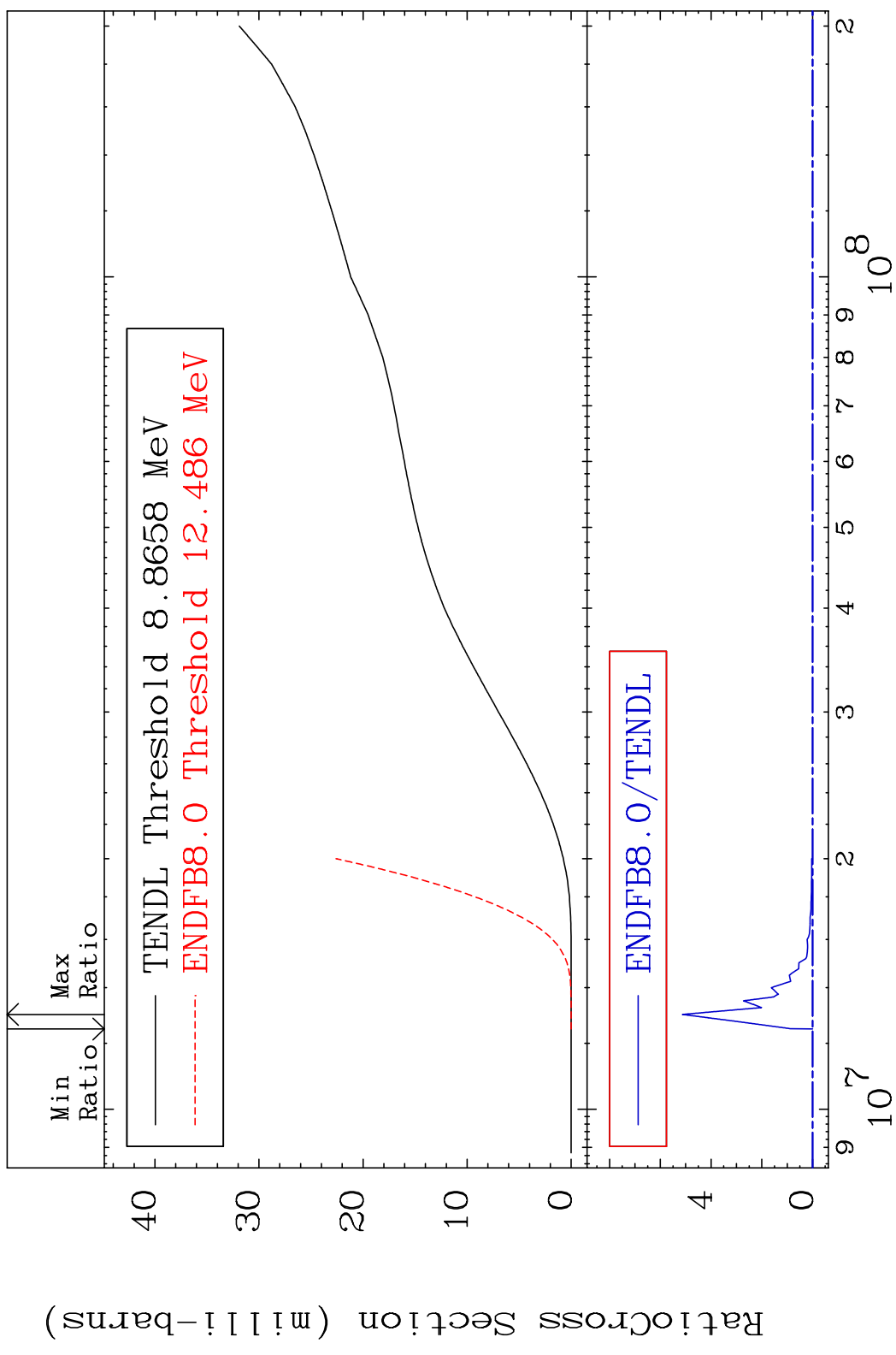
19

Incident Energy (eV)

56-Ba-138

MAT 5649

Tritium Production 56-Ba-138  
Cross Section -100.0 To 9999. %



20

Incident Energy (eV)

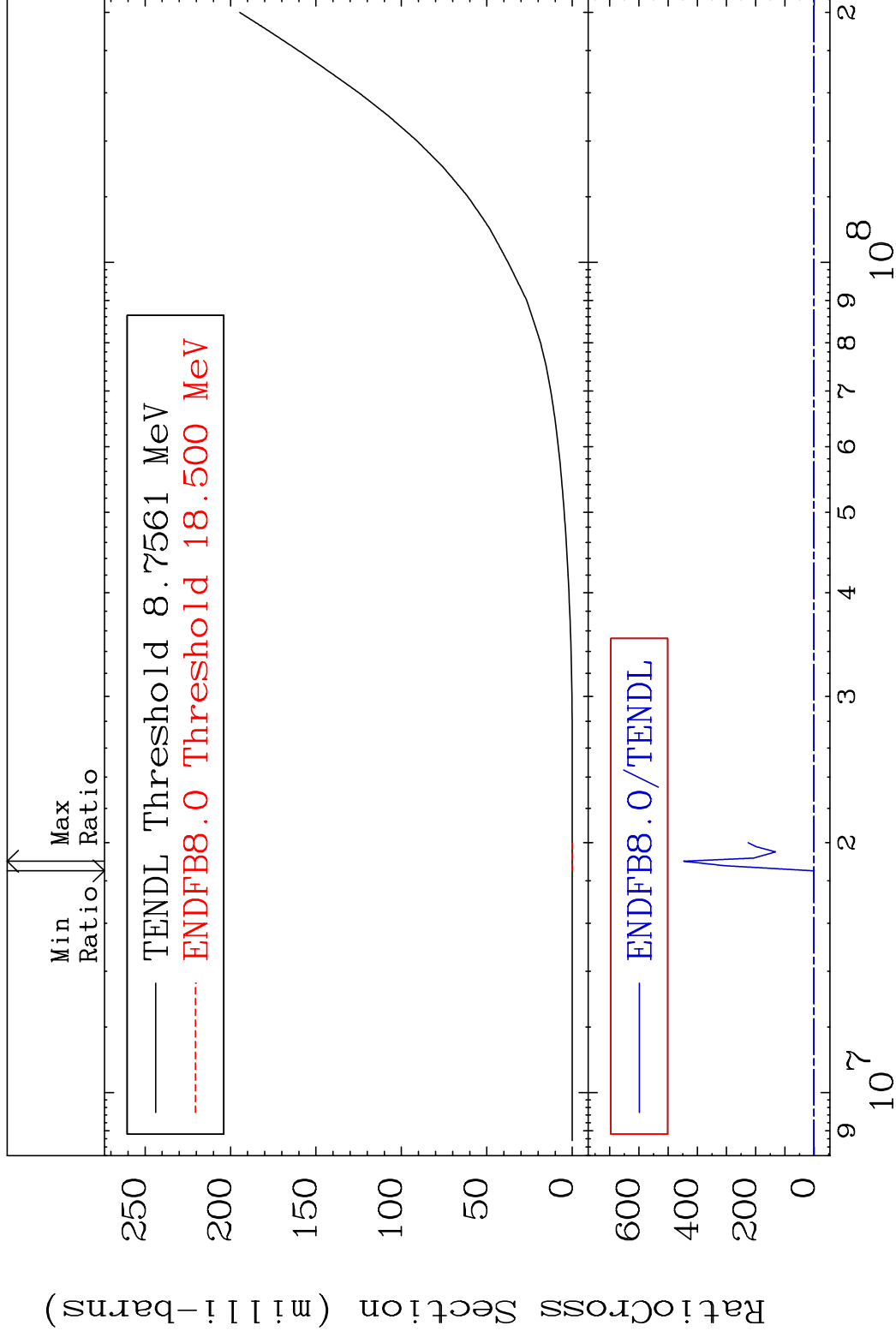
56-Ba-138

MAT 5649

He-3 Production

56-Ba-138

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

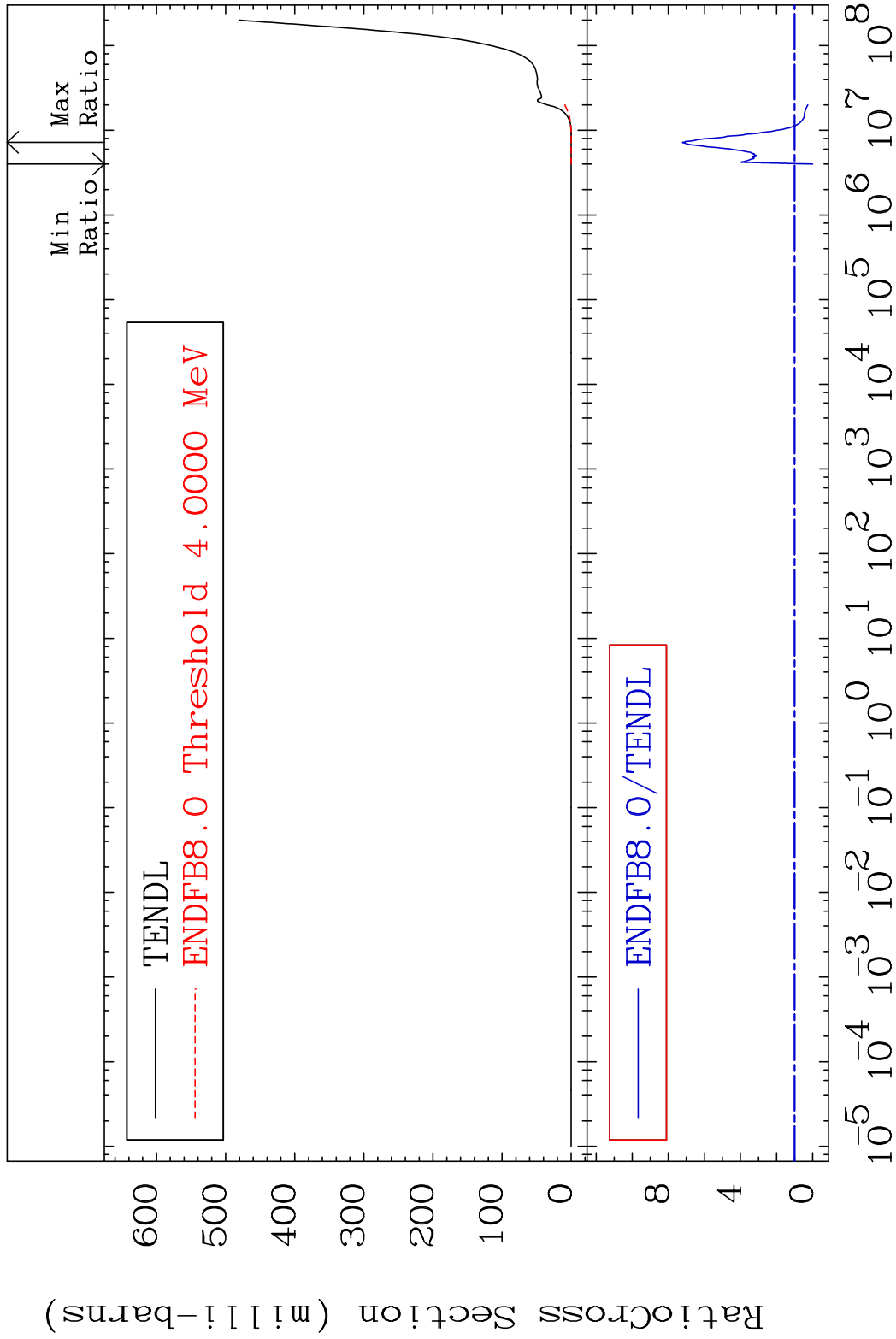
56-Ba-138

MAT 5649

He-4 Production

56-Ba-138

Cross Section -100.0 To 622.0 %

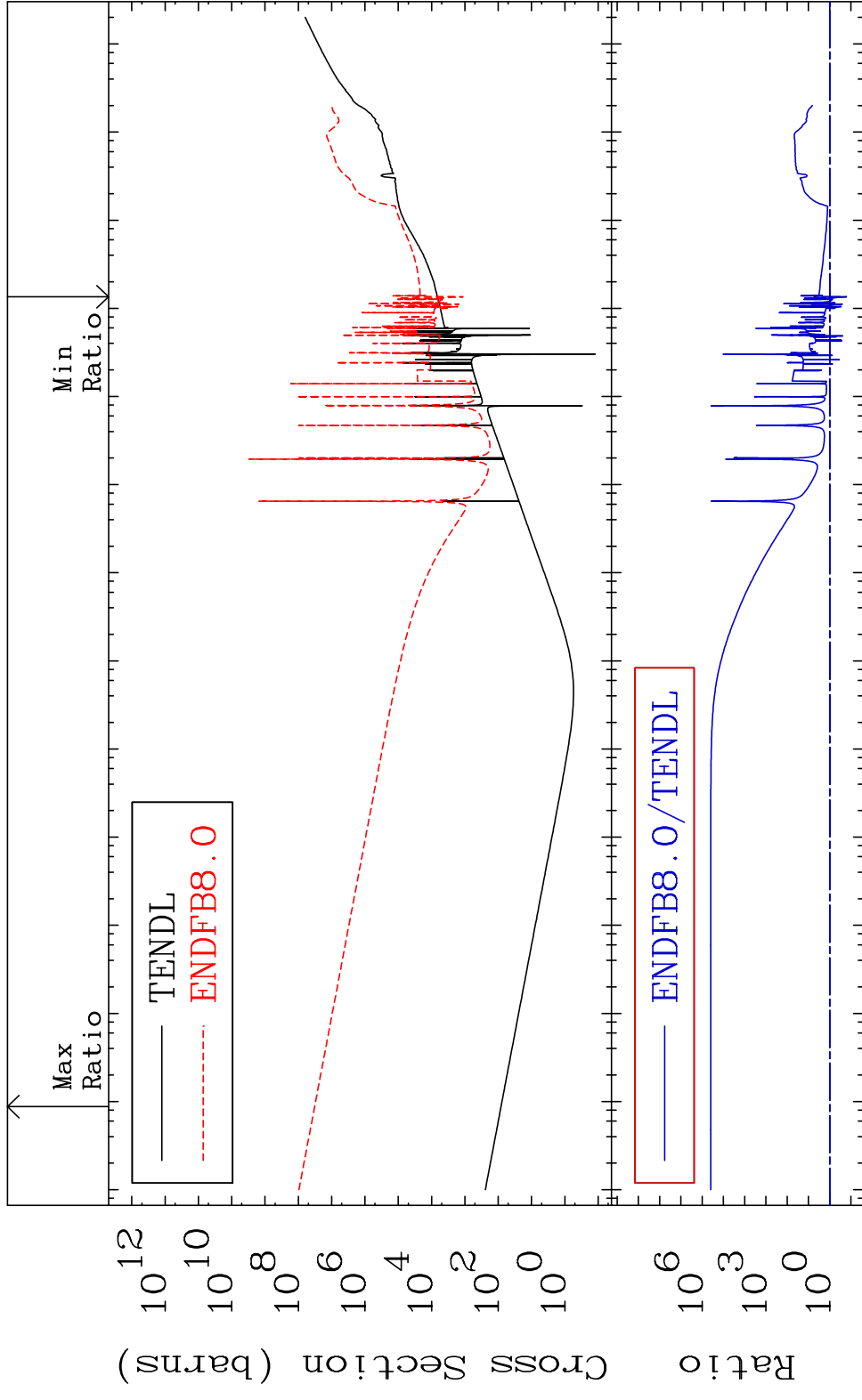


22

Incident Energy (eV)

56-Ba-138

MAT 5649 Kerma total (eV-barns) 56-Ba-138  
 Cross Section -83.47 To 9999. %



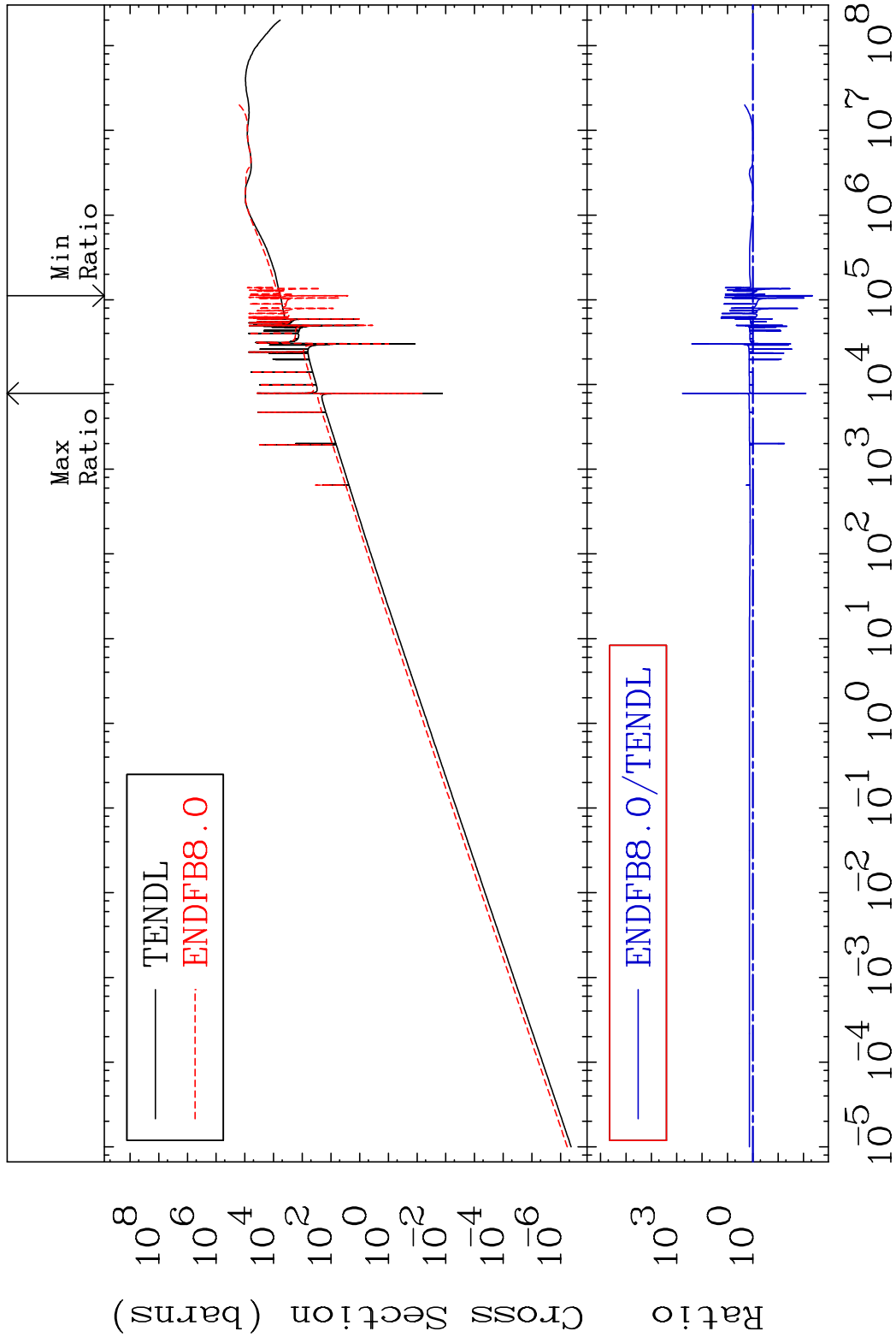


MAT 5649

Kerma elastic

56-Ba-138

Cross Section -99.56 To 9999. %

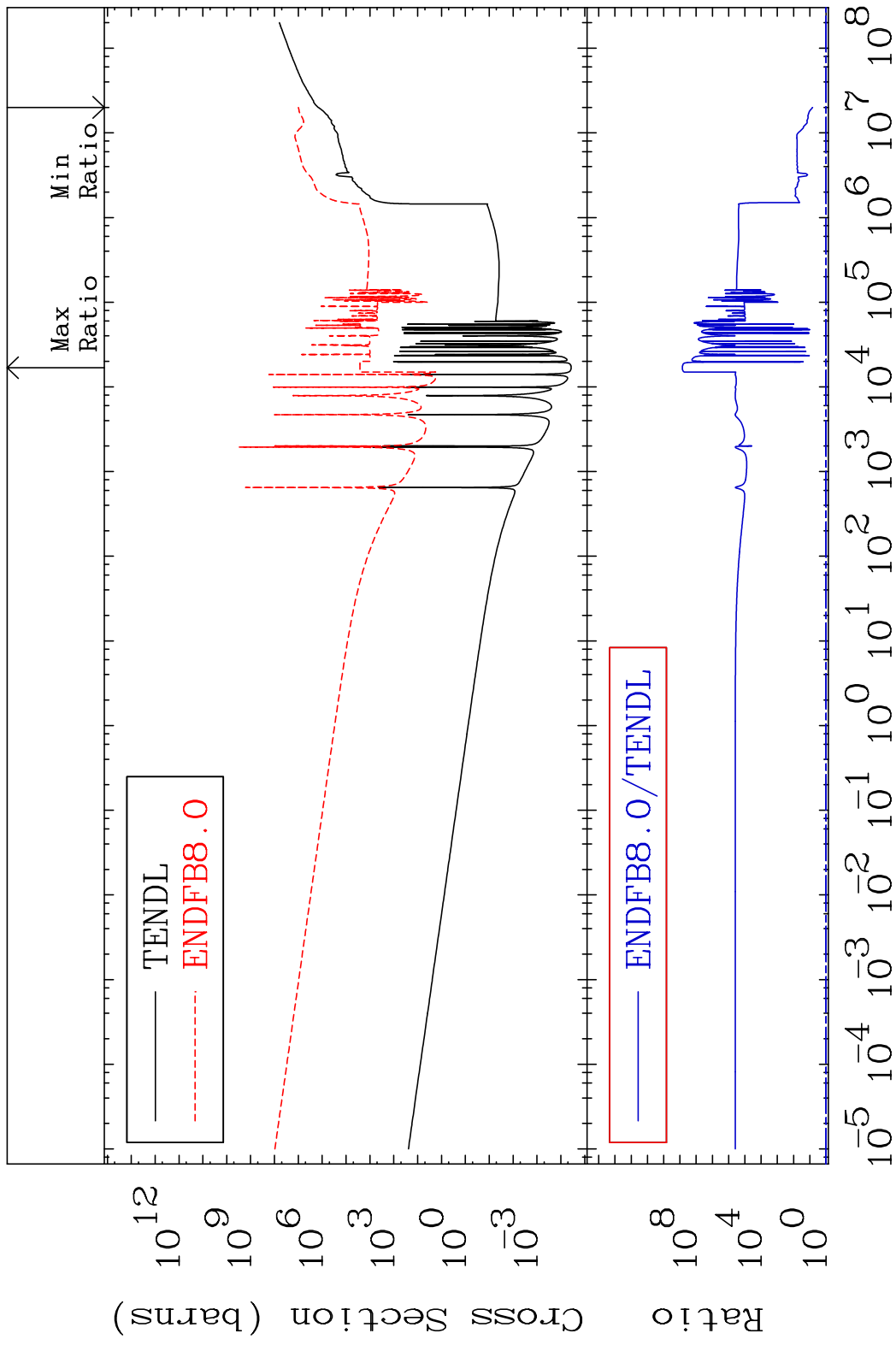


24

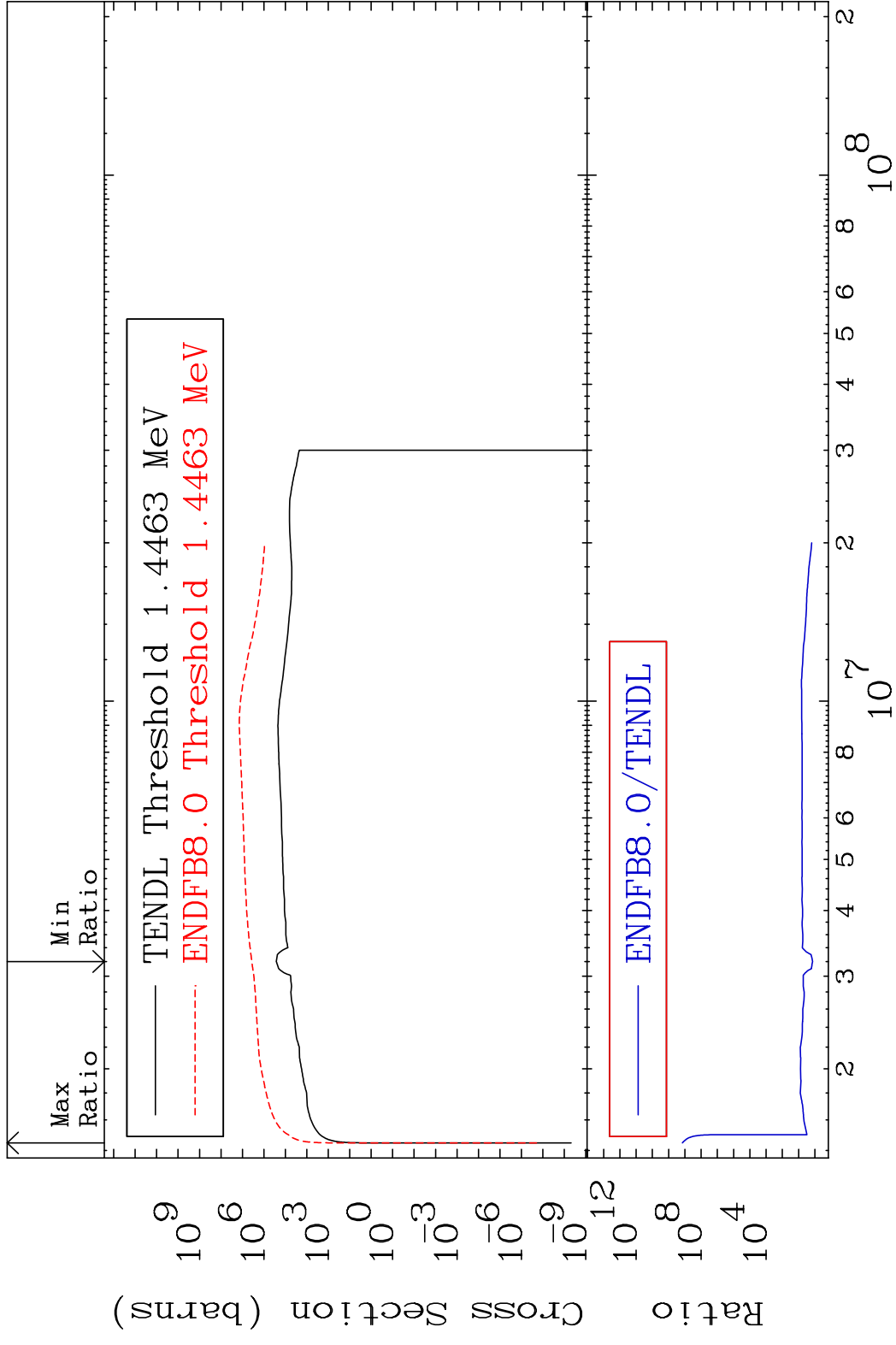
Incident Energy (eV)

56-Ba-138

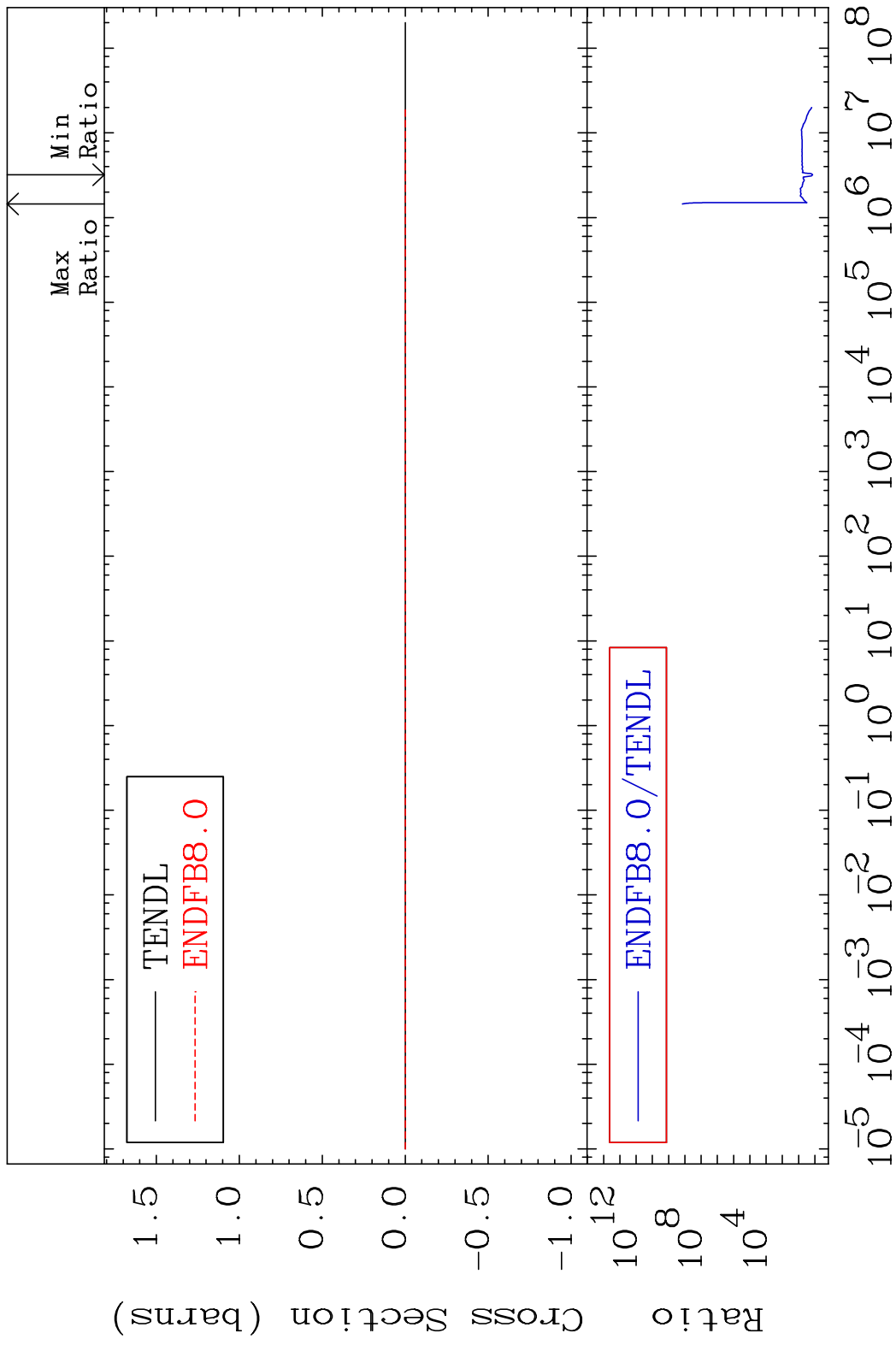
MAT 5649 Kerma non-elastic (all but mt2) 56-Ba-138  
 Cross Section 578.5 To 9999. %



MAT 5649 Kerma inelastic (mt51-91) 56-Ba-138  
 Cross Section 1283. To 9999. %

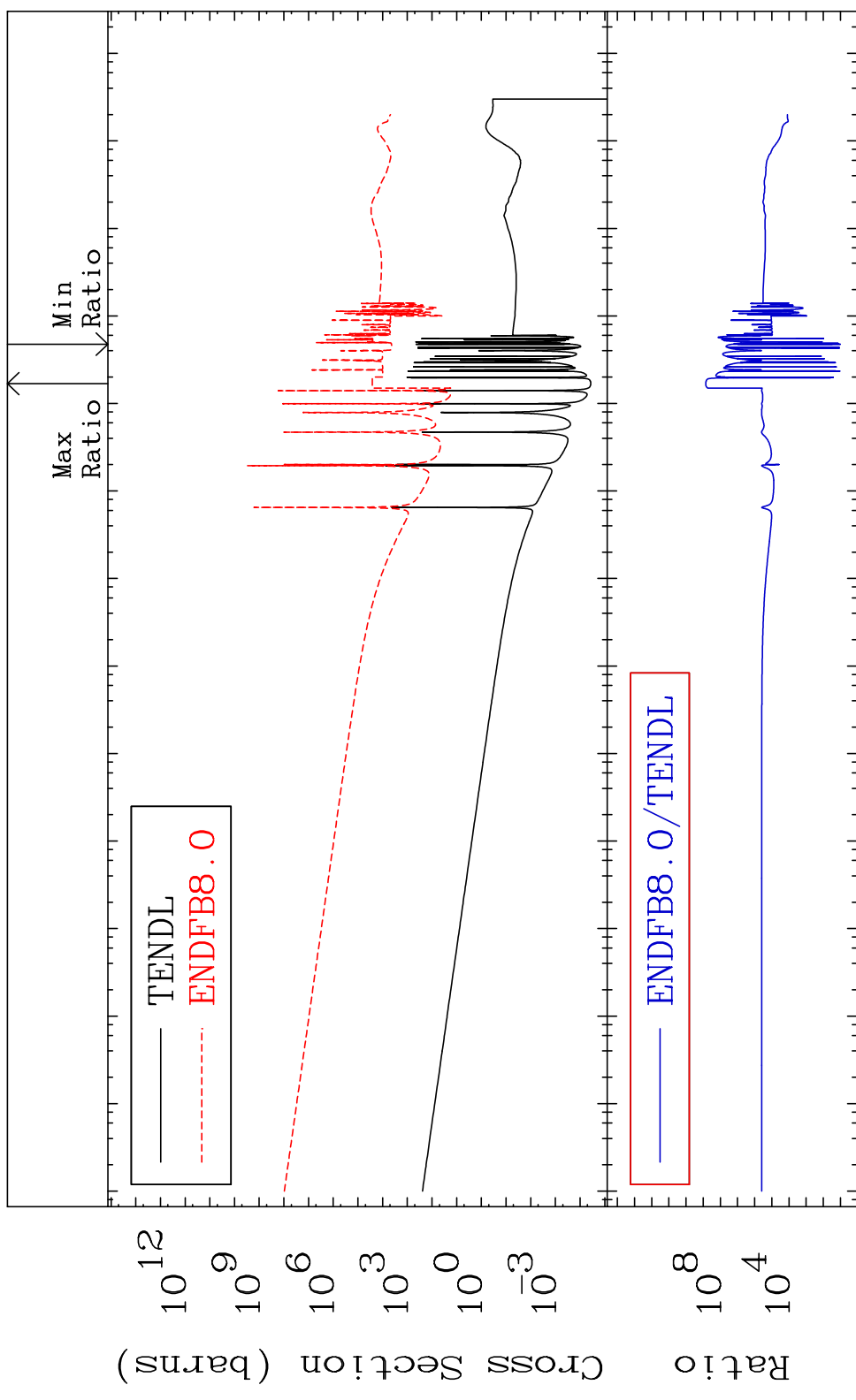


MAT 5649 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-138  
 Cross Section 1283. To 9999. %

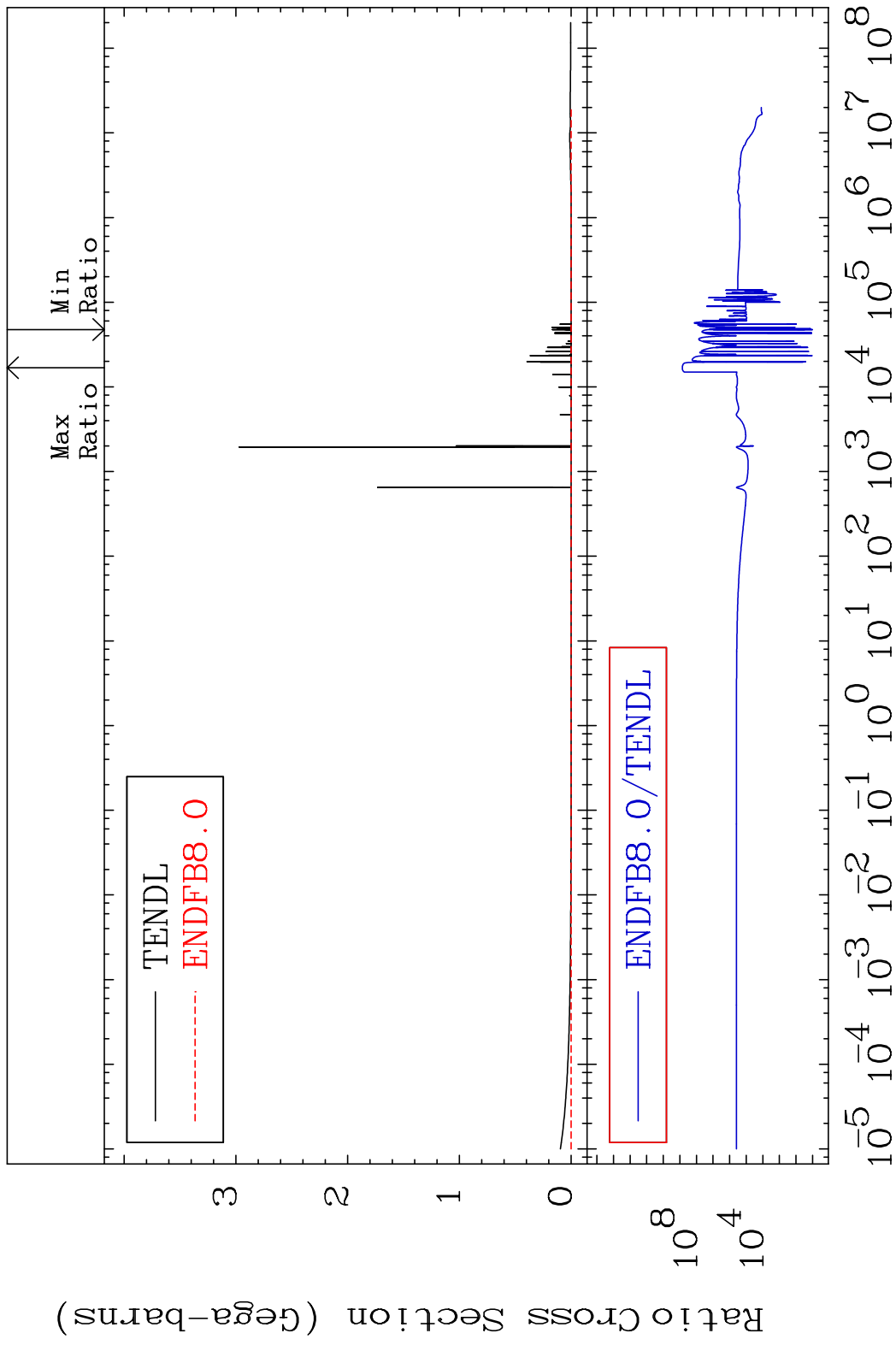


MAT 5649

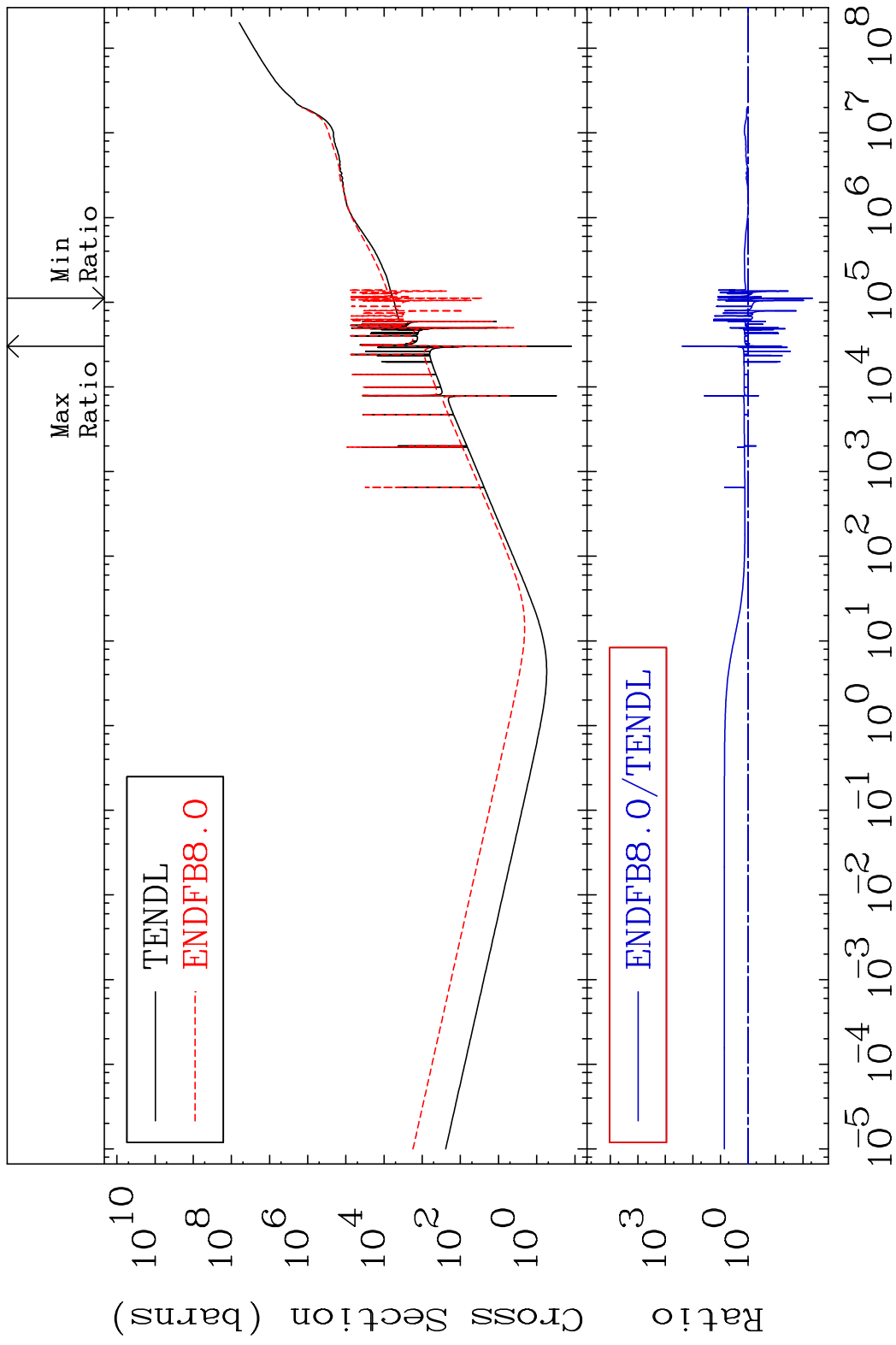
Kerma capture (mt102) 56-Ba-138  
Cross Section 902.5 To 9999. %



MAT 5649 Total photon (eV-barns) 56-Ba-138  
 Cross Section 902.5 To 9999. %



MAT 5649 Total kinematic kerma (high limit) 56-Ba-138  
 Cross Section -99.55 To 9999. %

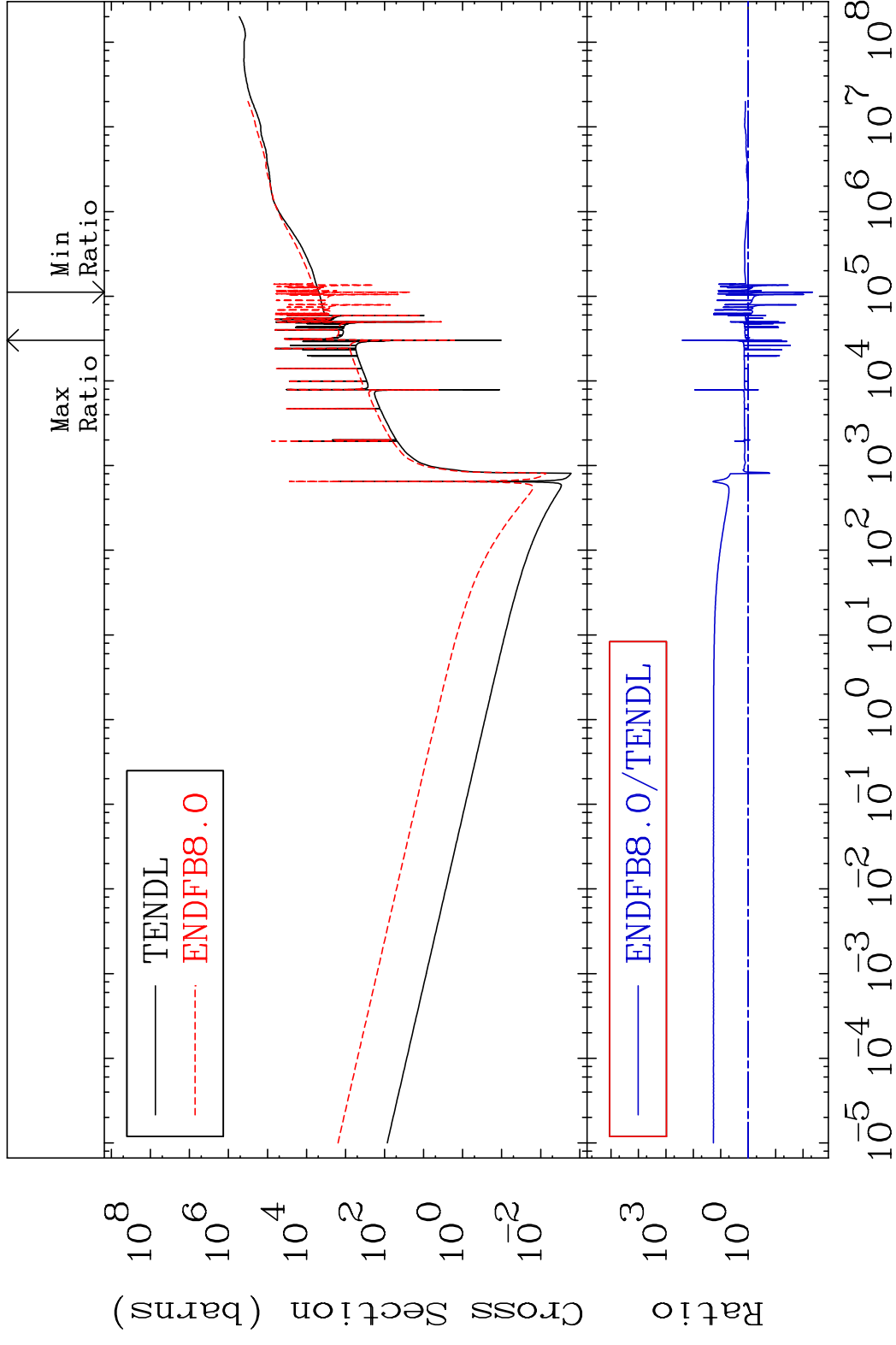


MAT 5649

Dpa total (eV-barns)

56-Ba-138

Cross Section -99.55 To 9999. %



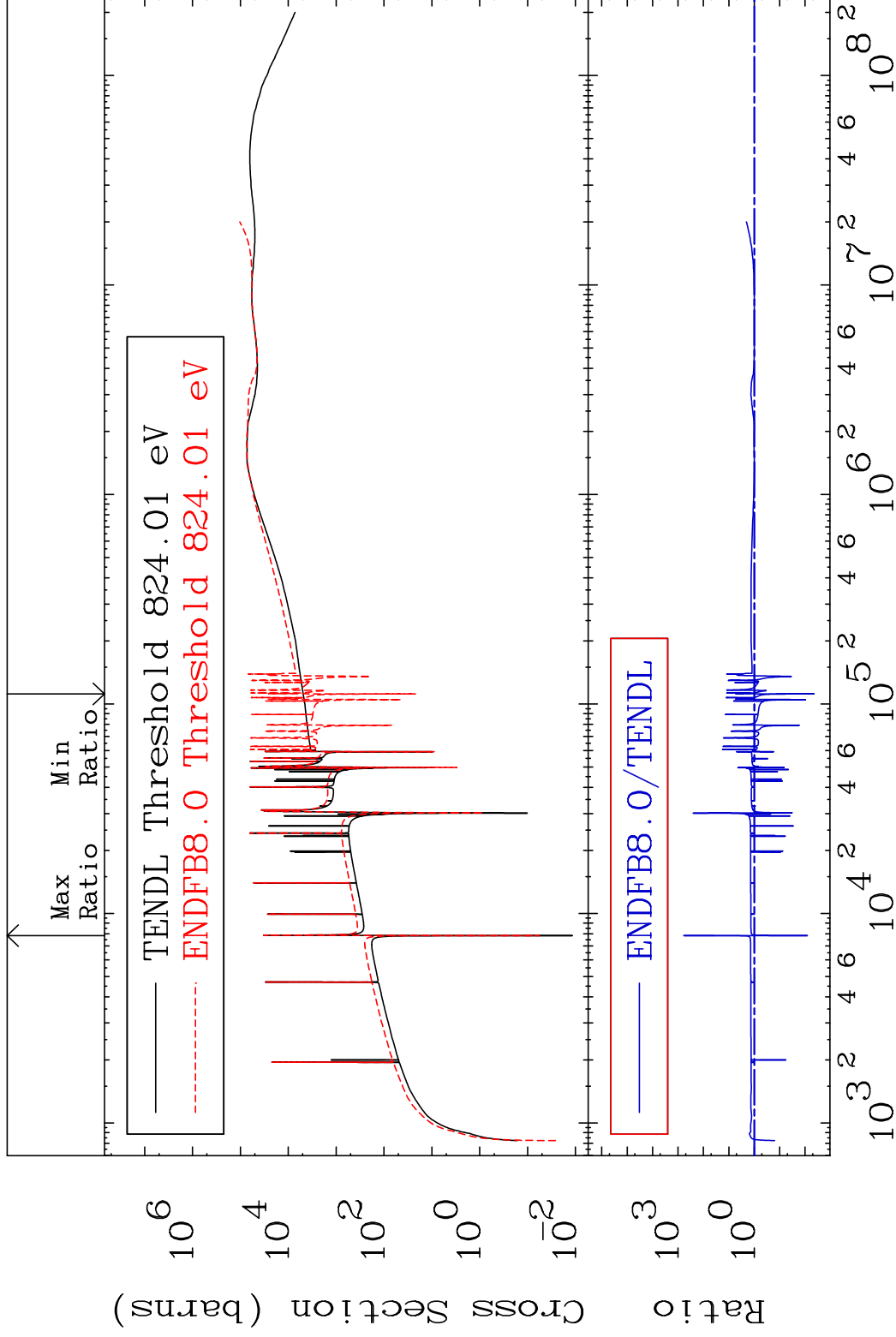


MAT 5649

Dpa elastic (mt2)

56-Ba-138

Cross Section -99.56 To 9999. %

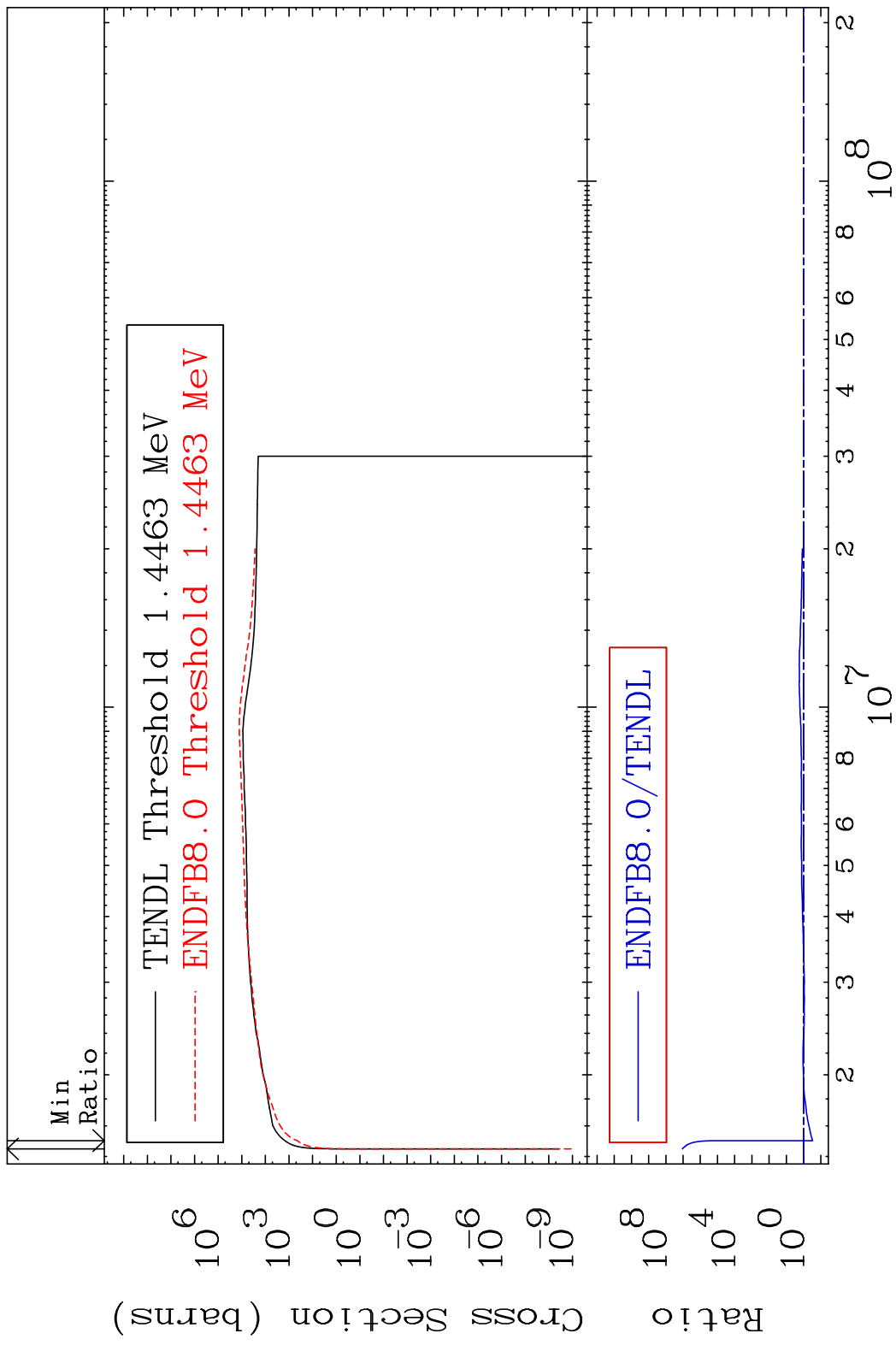


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Incident Energy (eV)

56-Ba-138

MAT 5649      Dpa inelastic (mt51-91)      56-Ba-138  
 Cross Section      -70.25 To 9999. %



MAT 5649 Dpa disappearance (mt102 -120) 56-Ba-138  
 Cross Section -99.85 To 9999. %

