

Program Complot  
(Version 2021-1)

by

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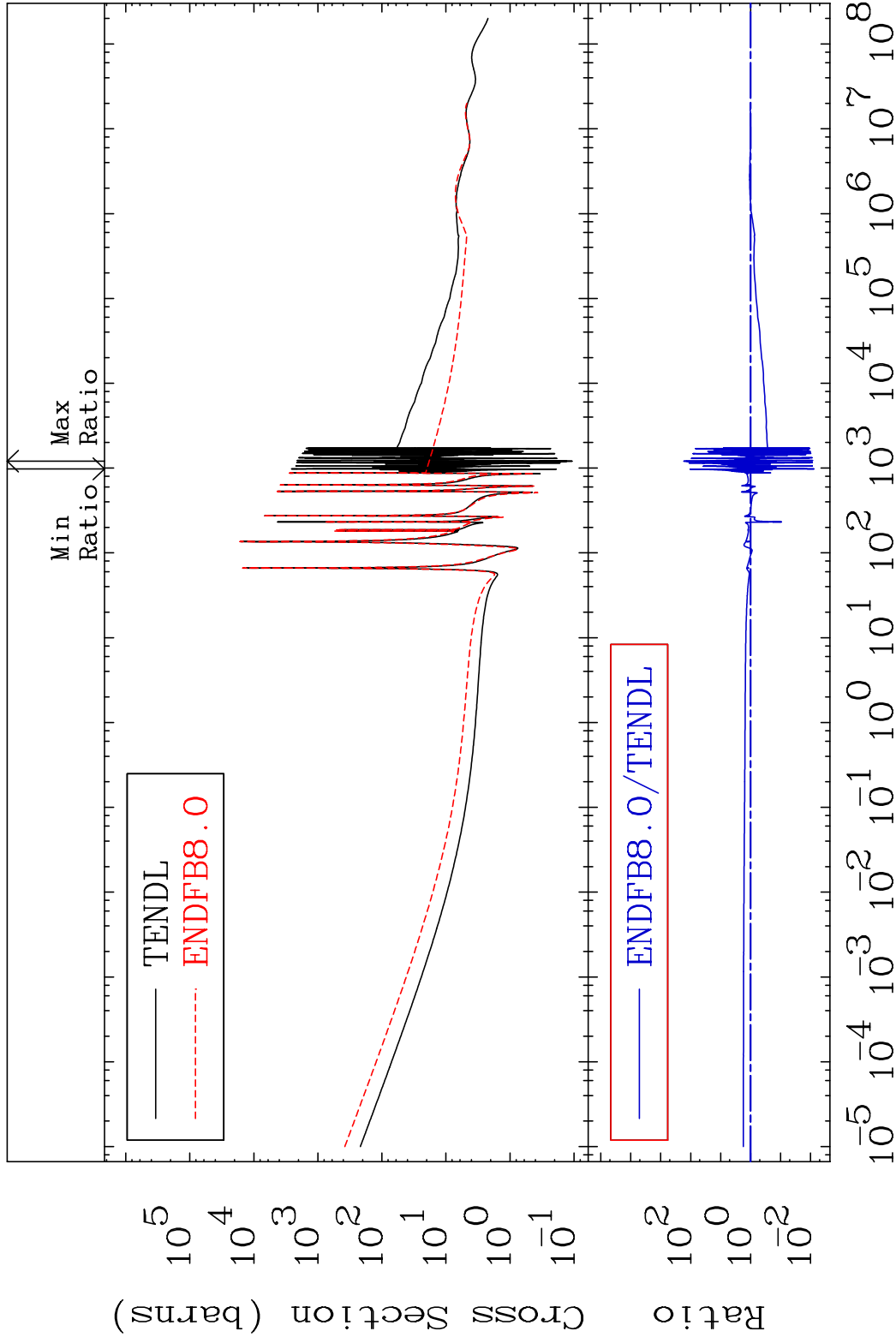
Press Mouse Button to Start

MAT 5825

Total

58-Ce-136

Cross Section -99.24 To 9999. %



1

Incident Energy (eV)

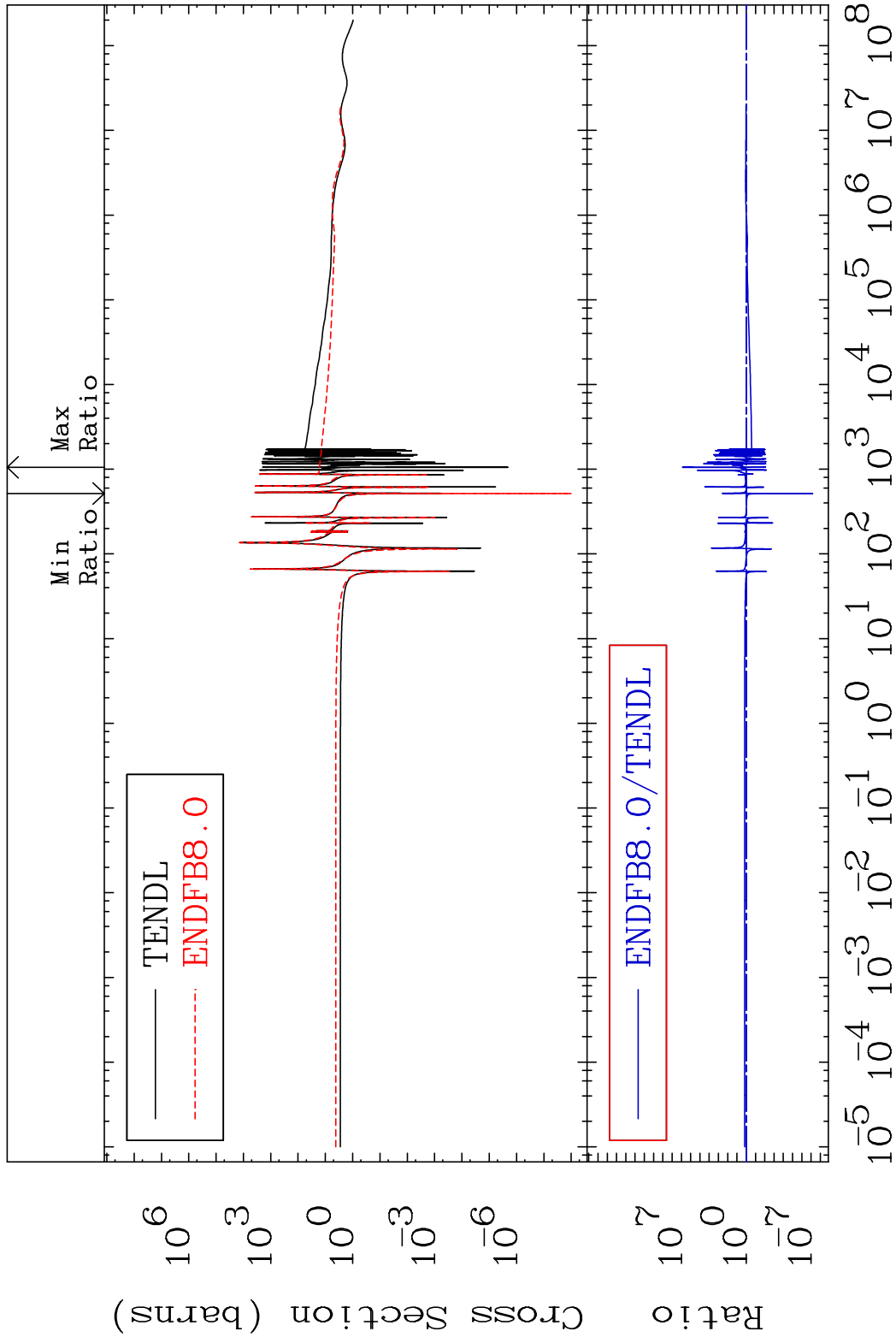
58-Ce-136

MAT 5825

Elastic

58-Ce-136

Cross Section -100.0 To 9999. %

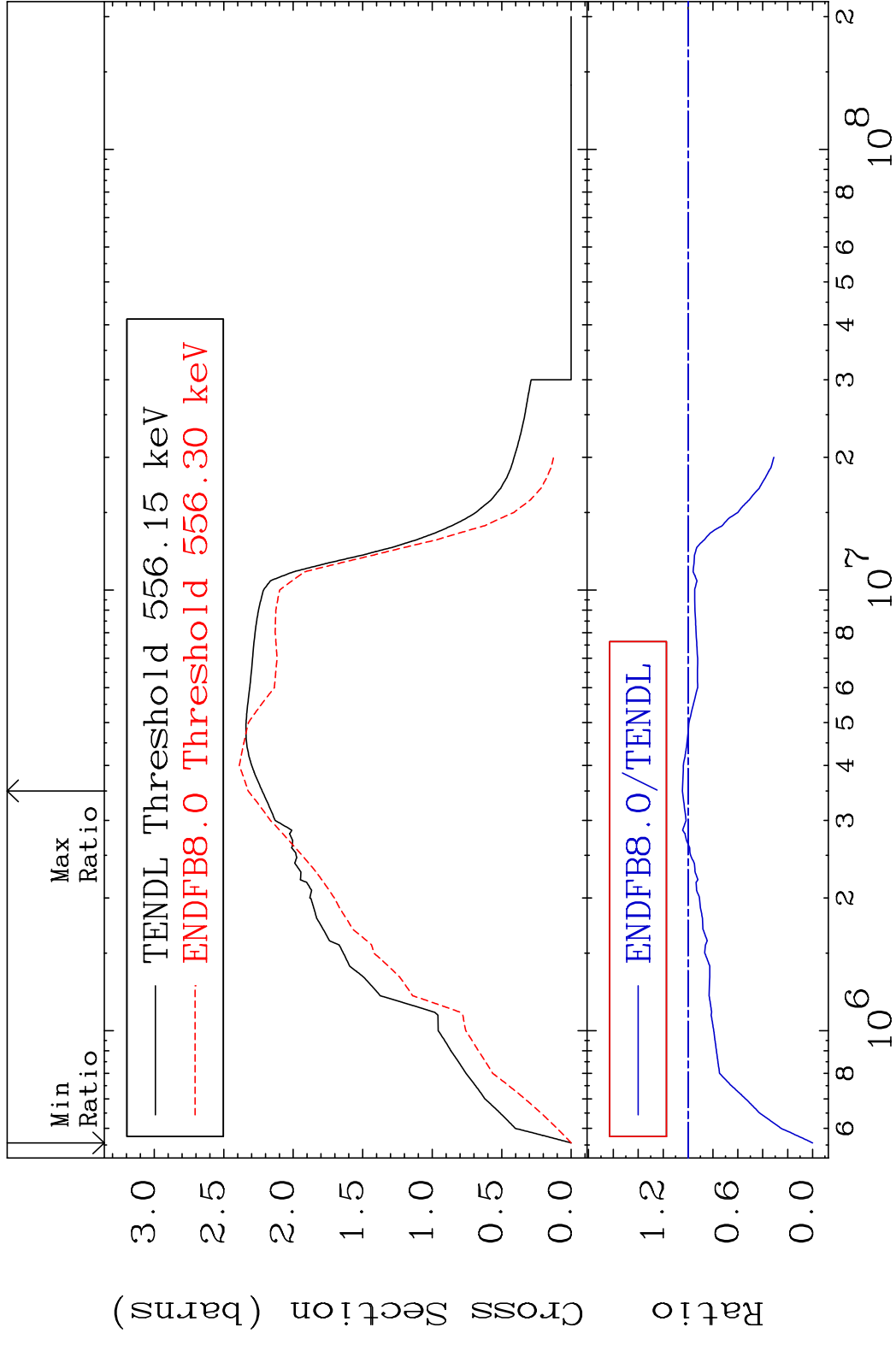


2

Incident Energy (eV)

58-Ce-136

MAT 5825 Inelastic 58-Ce-136  
 Cross Section -100.0 To 4.575 %

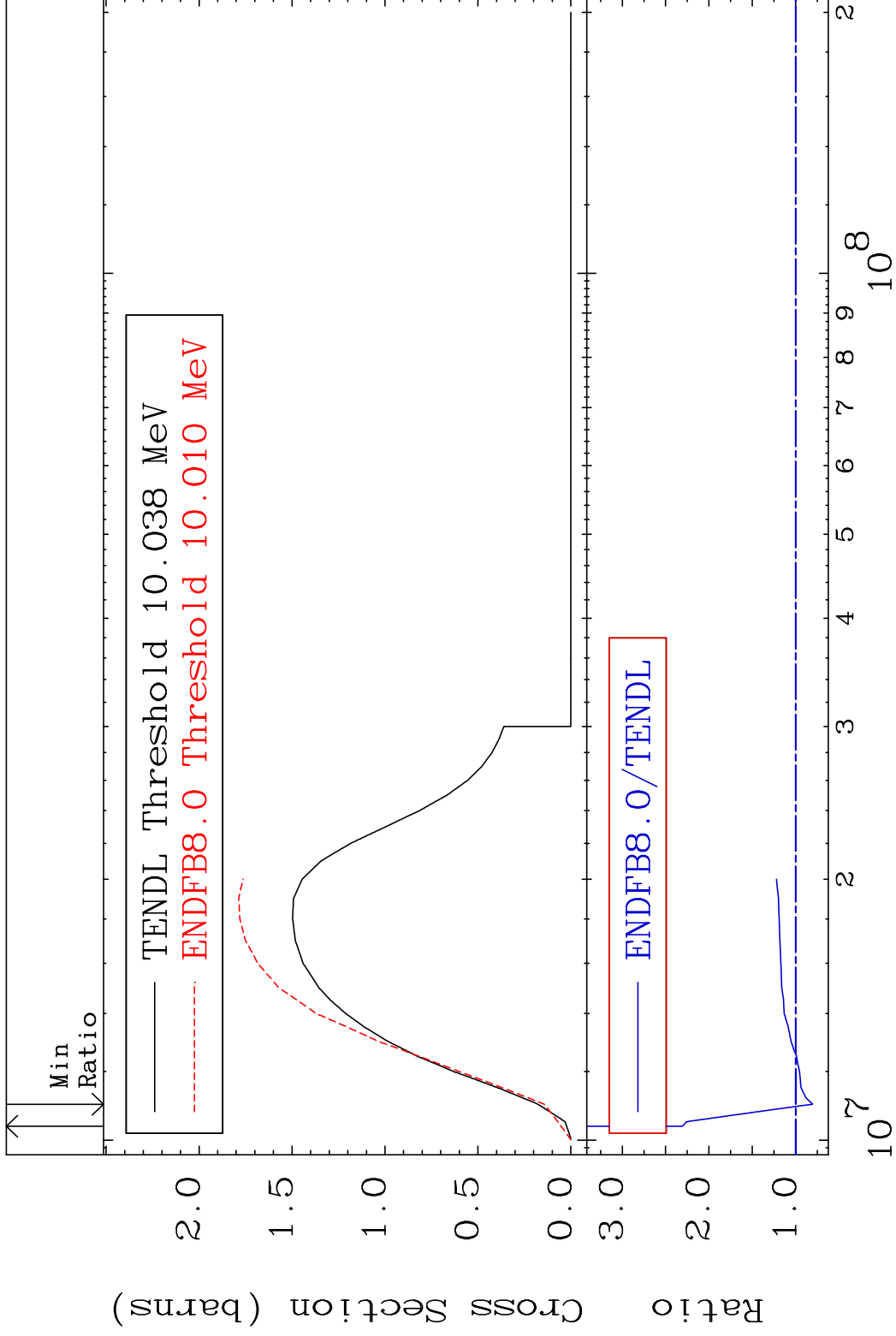


MAT 5825

(n,2n)

58-Ce-136

Cross Section -19.53 To 130.9 %



4

Incident Energy (eV)

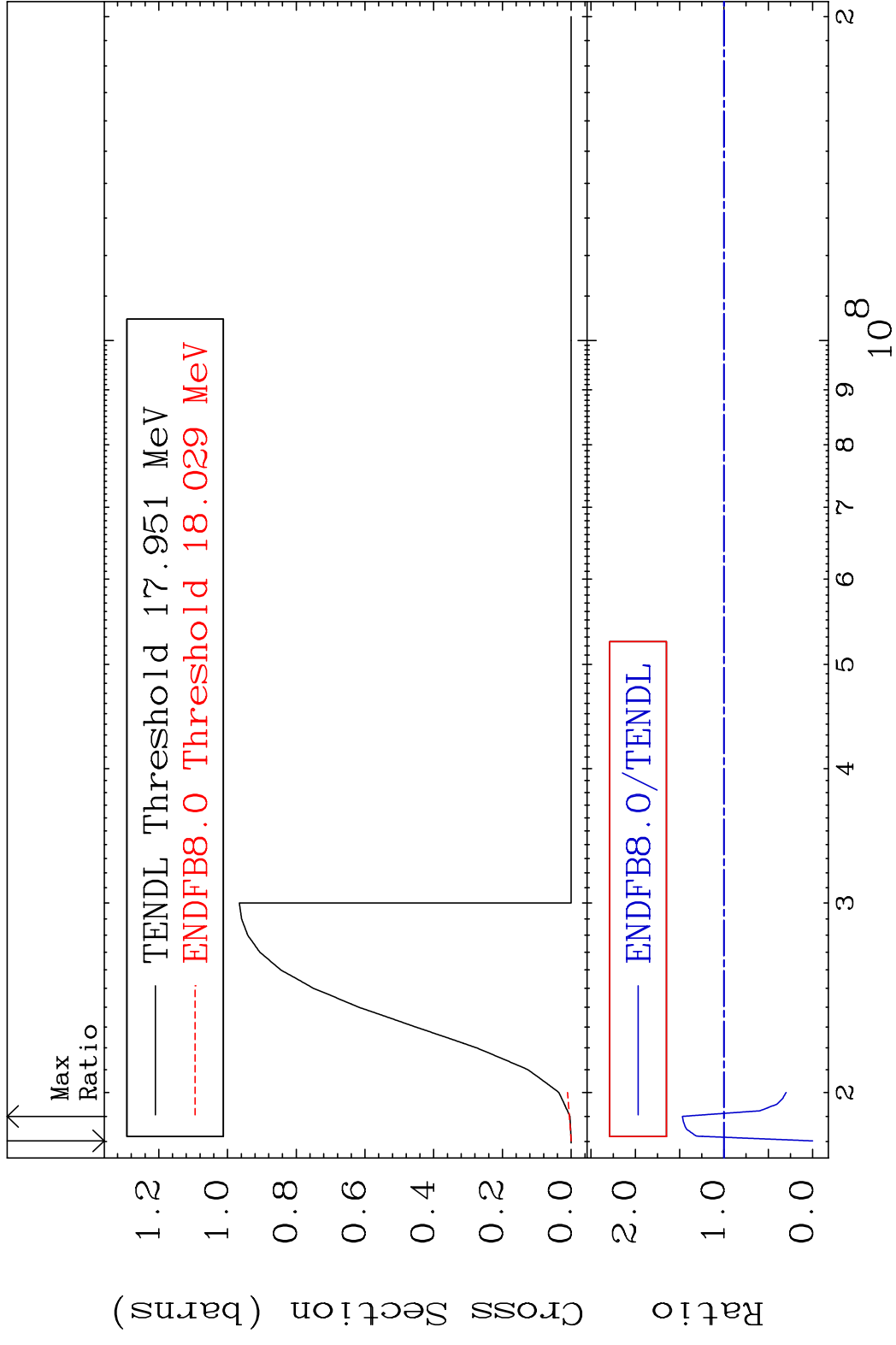
58-Ce-136

MAT 5825

(n,3n)

58-Ce-136

Cross Section -100.0 To 46.94 %

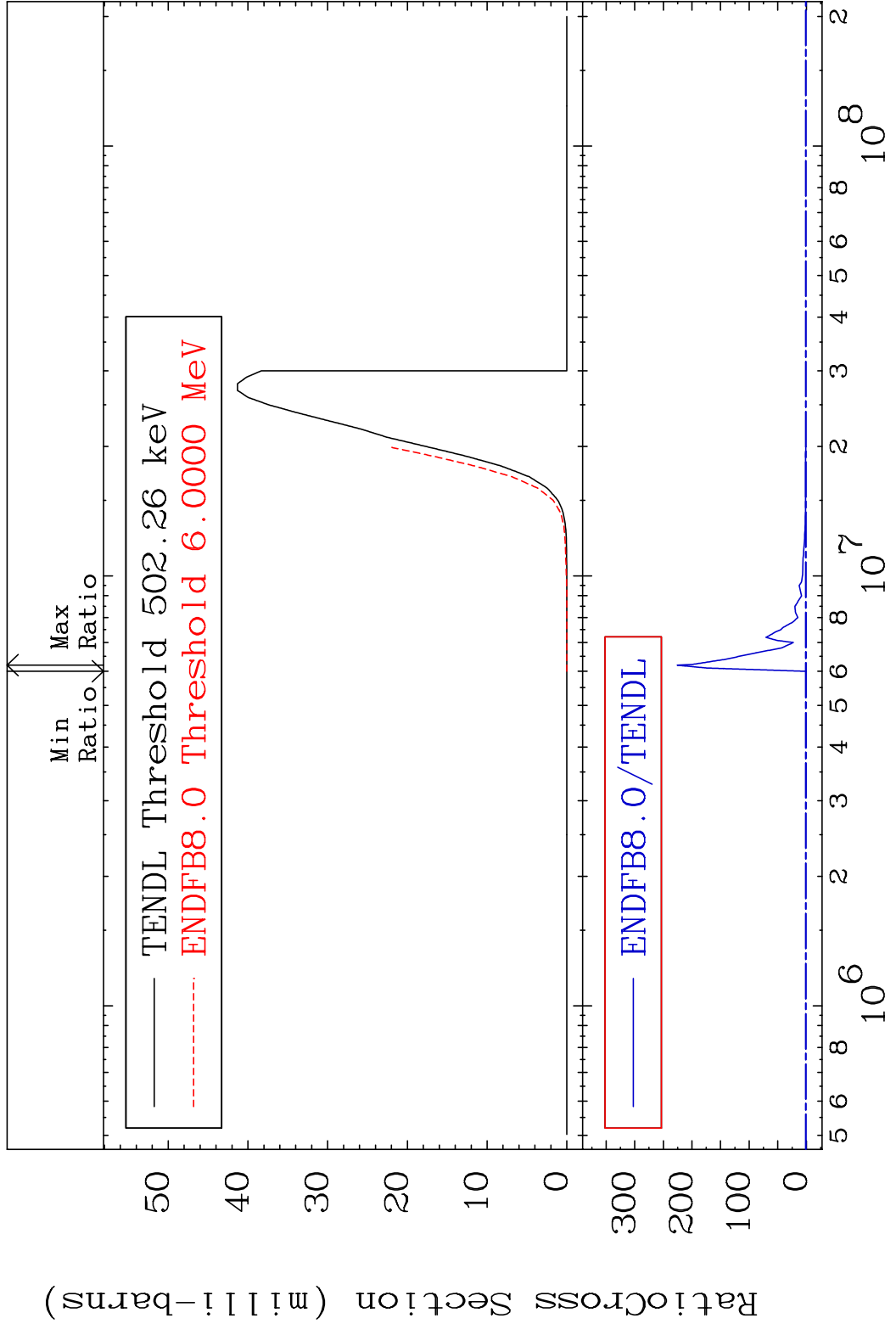


5

Incident Energy (eV)

58-Ce-136

MAT 5825 (n, n')  $\alpha$  58-Ce-136  
 Cross Section -100.0 To 9999. %

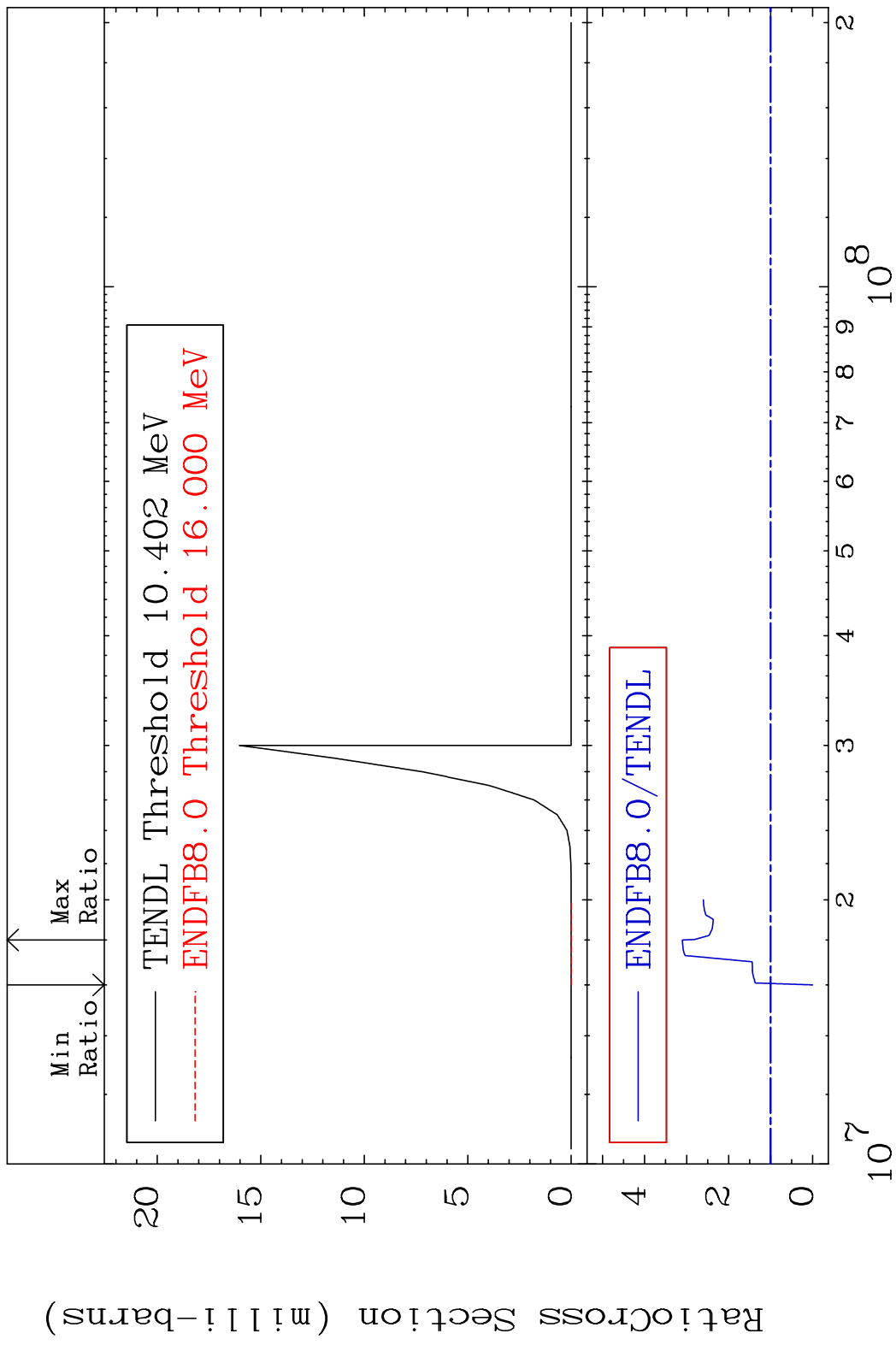


MAT 5825

(n,2n)  $\alpha$

58-Ce-136

Cross Section -100.0 To 210.1 %



7

Incident Energy (eV)

58-Ce-136

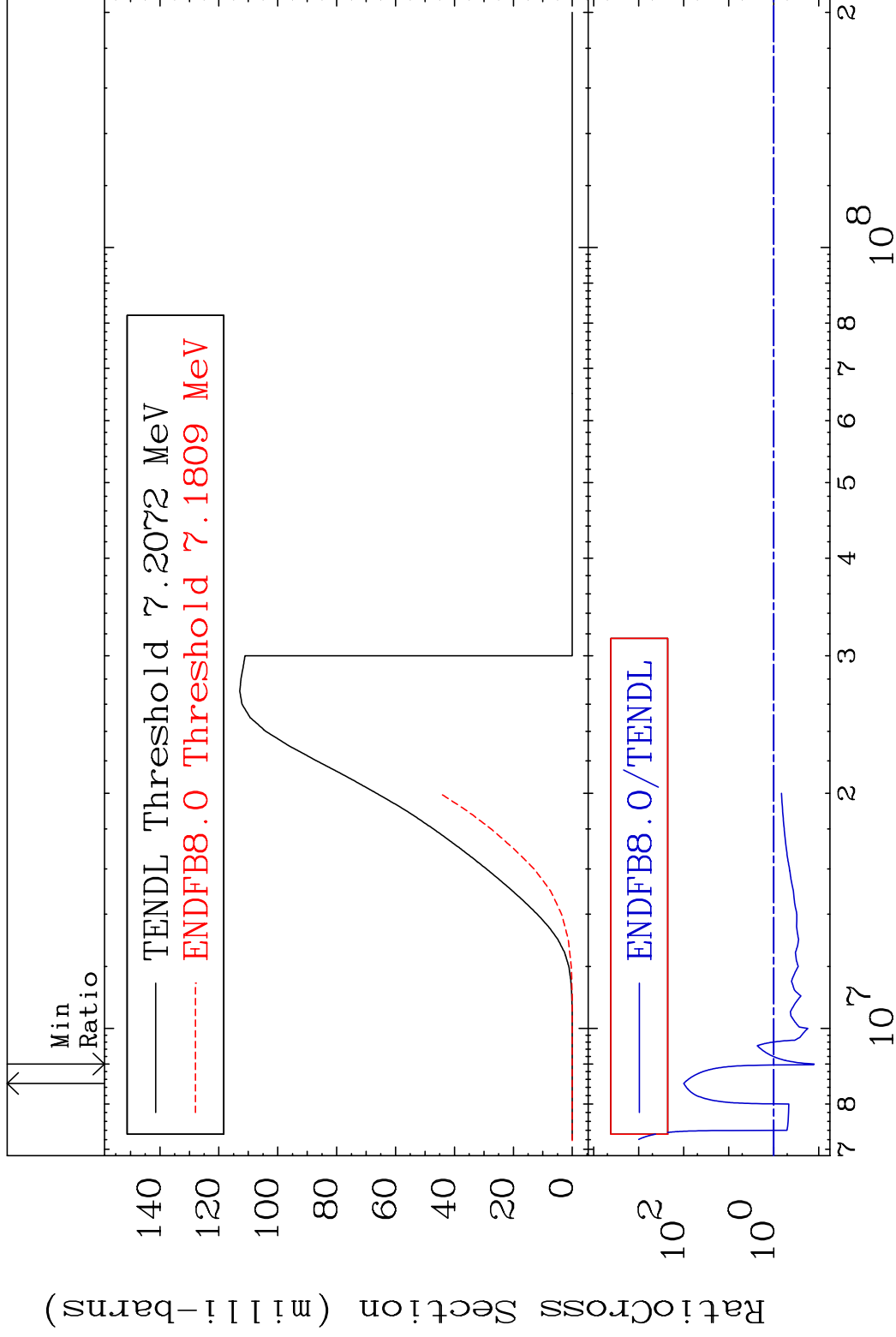


MAT 5825

(n, n') p

58-Ce-136

Cross Section -87.33 To 9955. %



8

Incident Energy (eV)

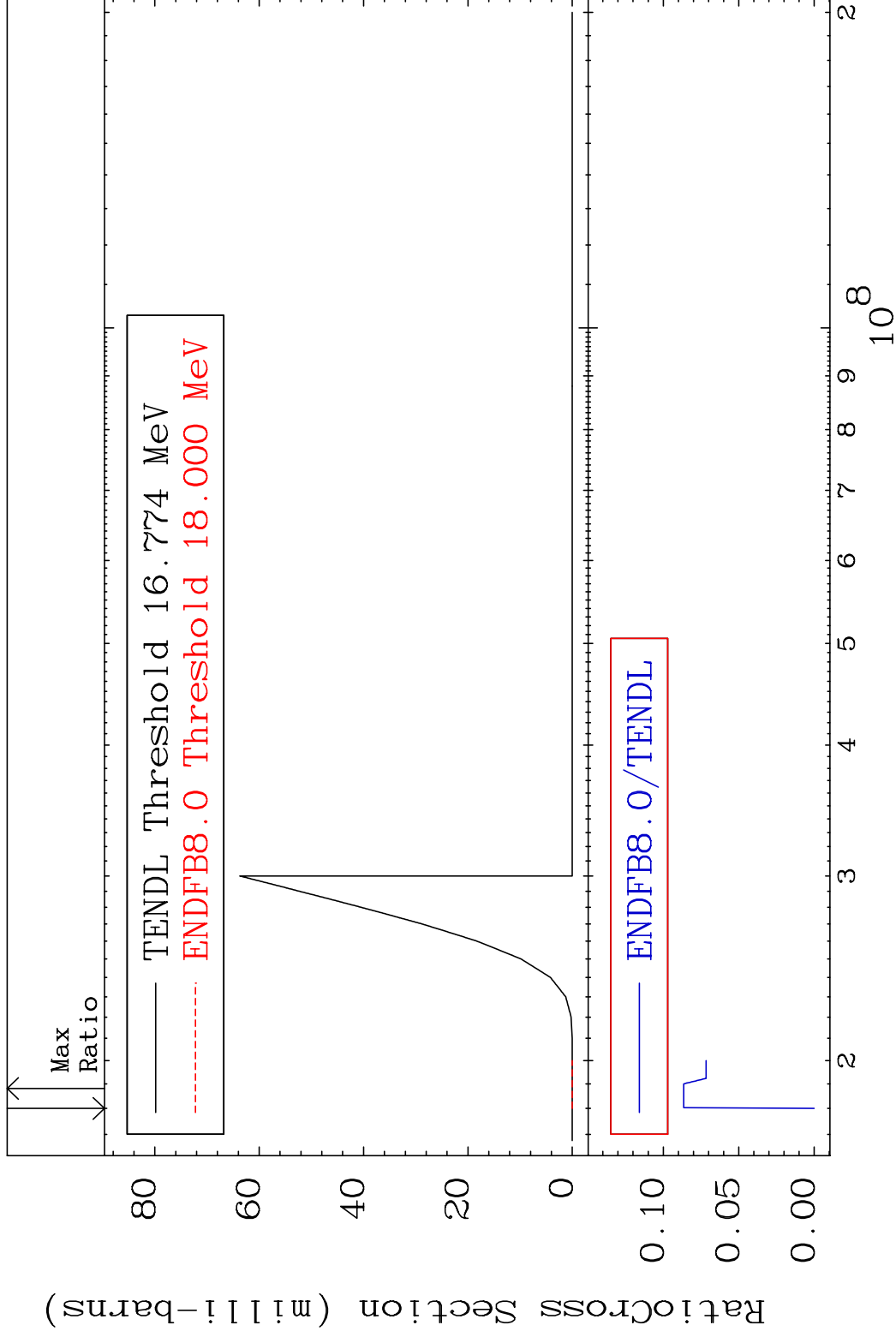
58-Ce-136

MAT 5825

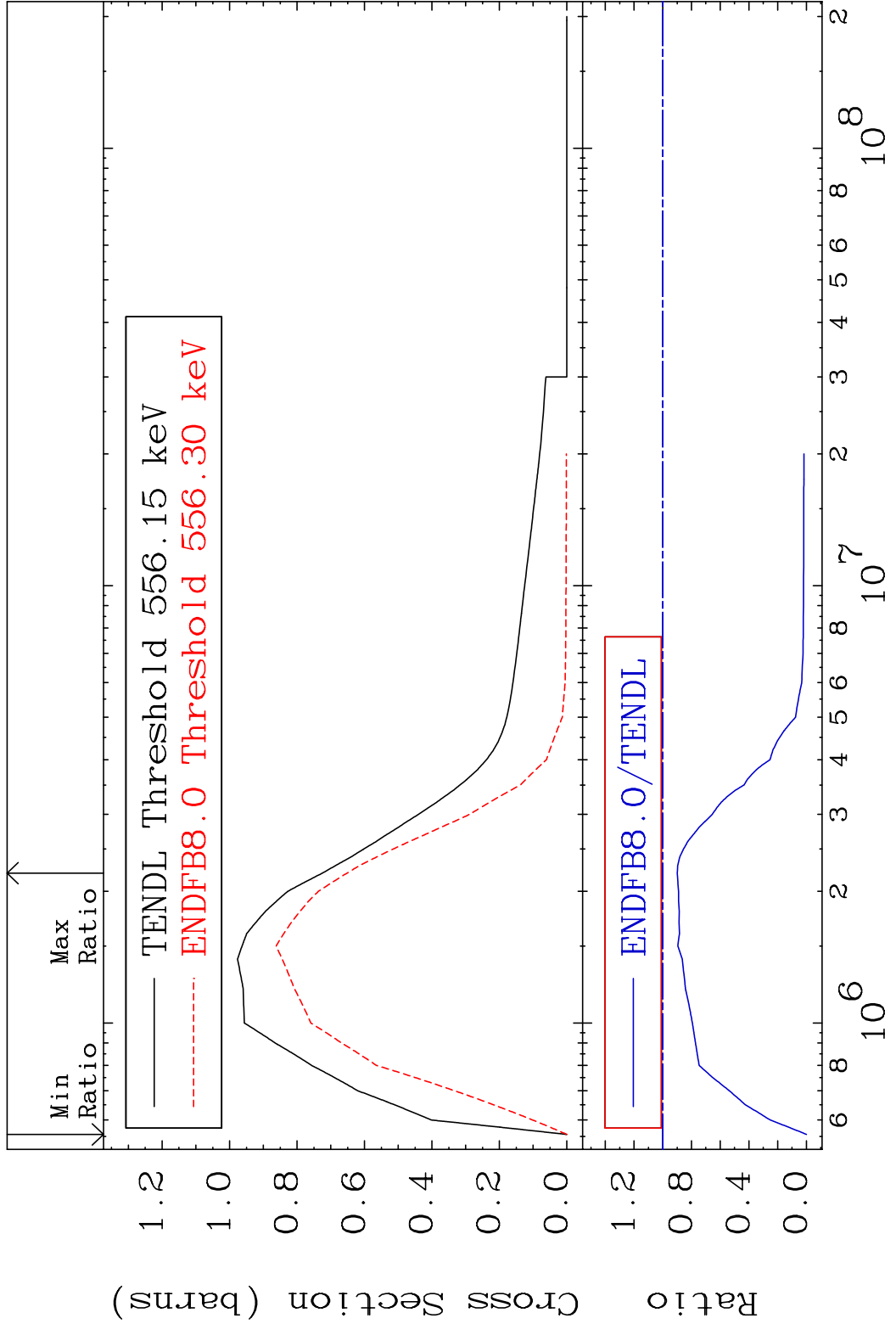
(n,2n) p

58-Ce-136

Cross Section -100.0 To -91.35%

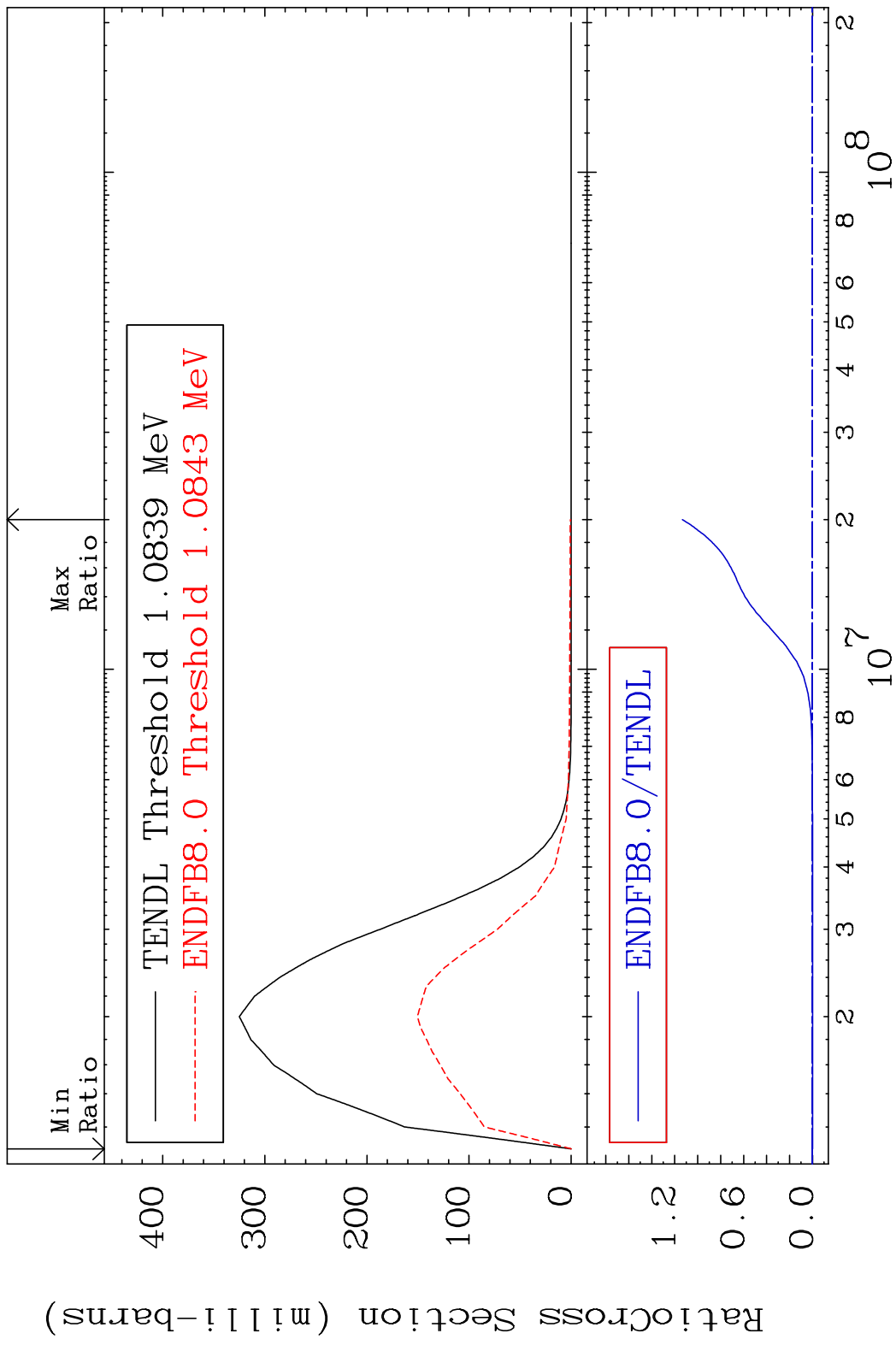


MAT 5825 MT= 51 (n,n') Level 58-Ce-136  
 Cross Section -100.0 To -10.05%

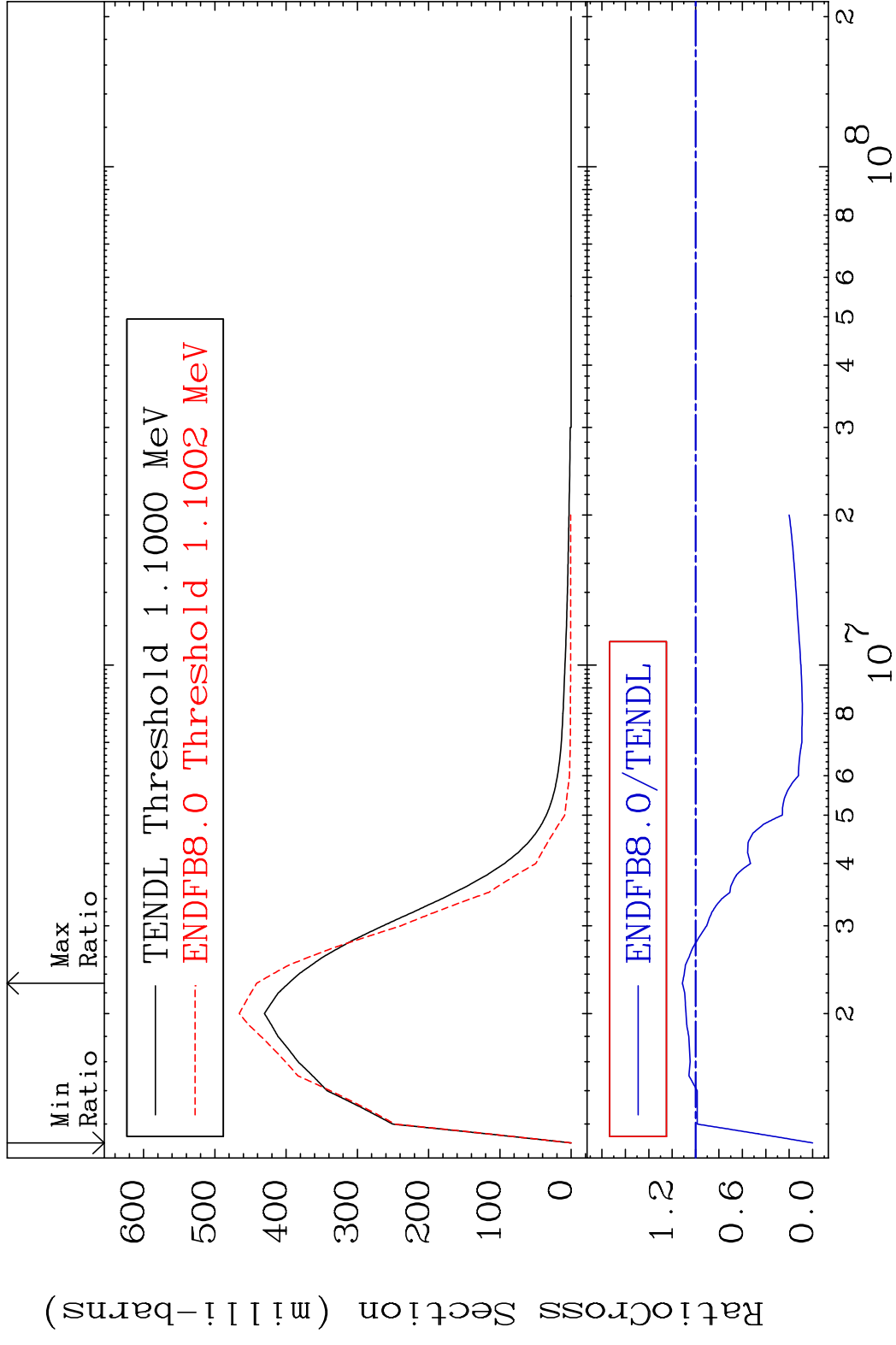


10 Incident Energy (eV) 58-Ce-136

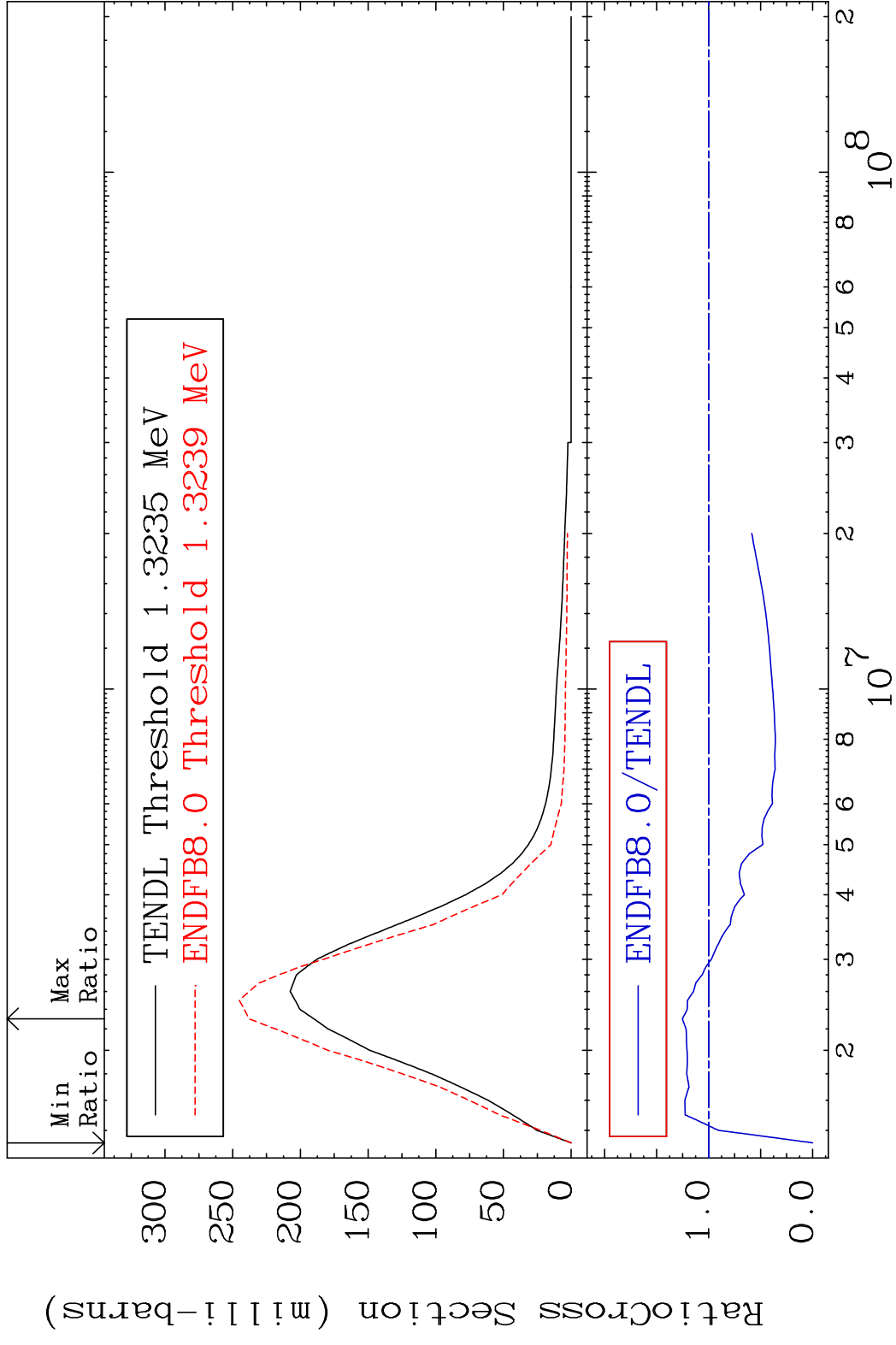
MAT 5825 MT= 52 (n, n') Level 58-Ce-136  
 Cross Section -100.0 To 9999. %



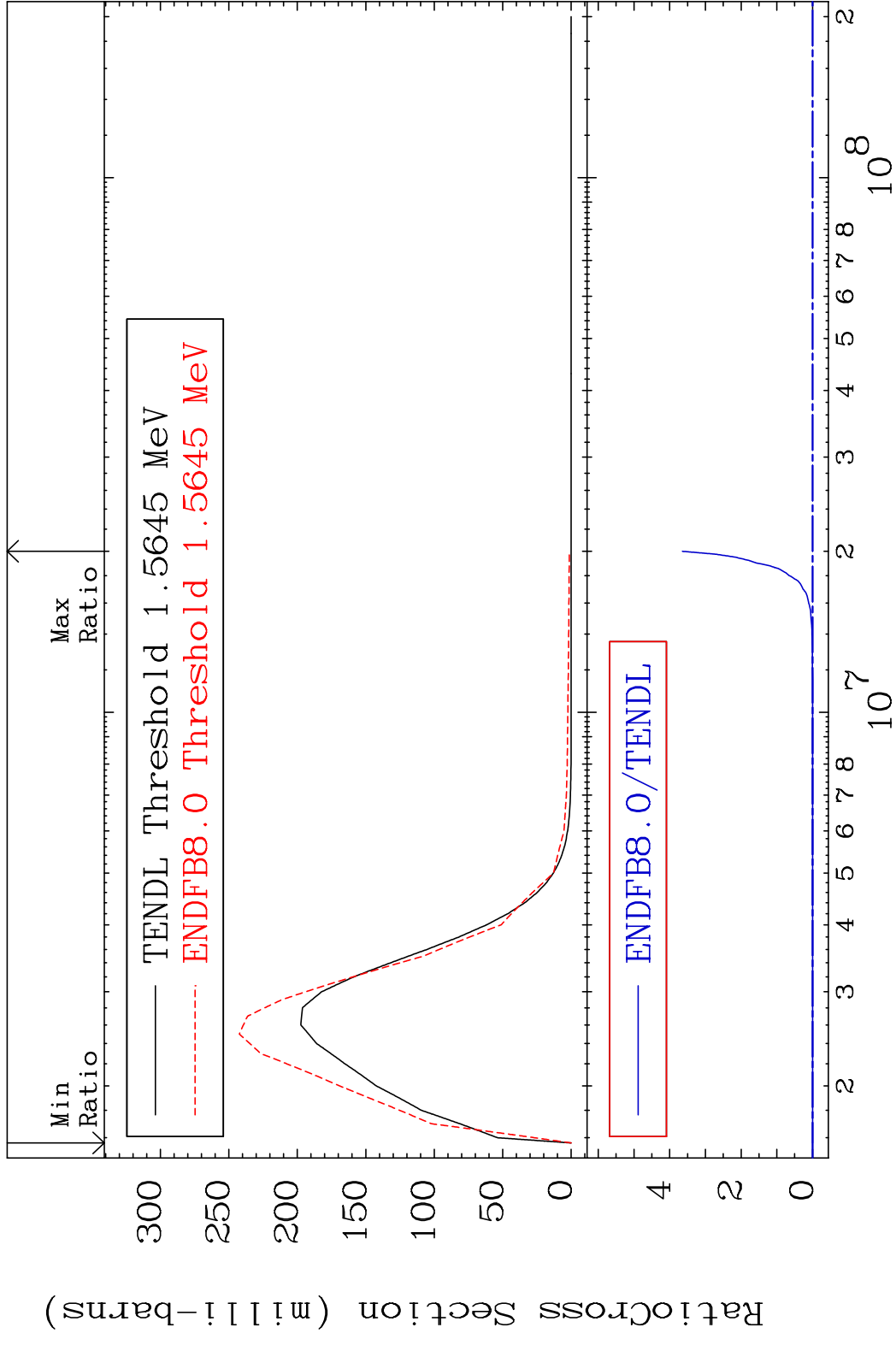
MAT 5825 MT= 53 (n, n') Level 58-Ce-136  
 Cross Section -100.0 To 11.29 %



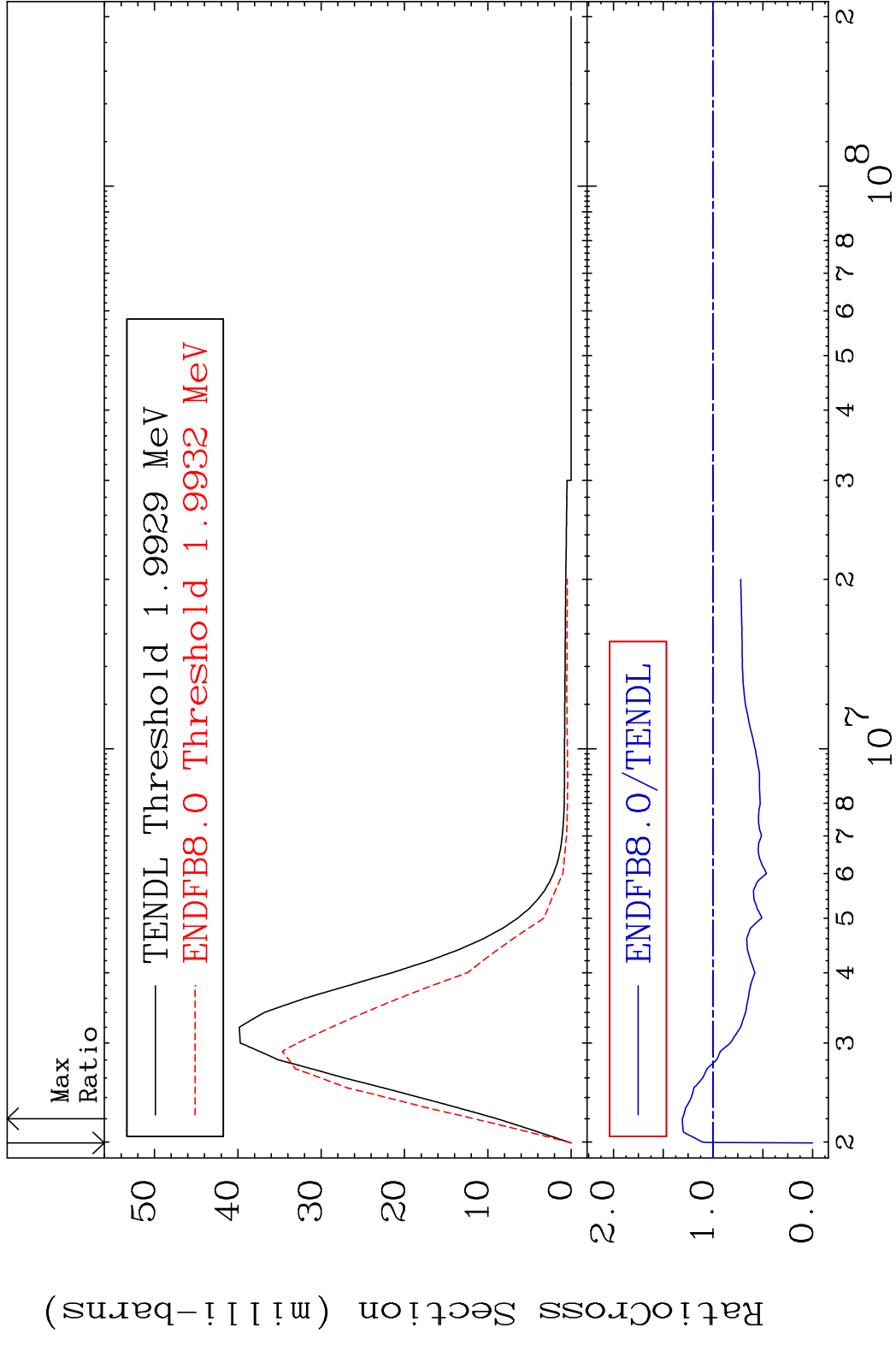
MAT 5825 MT= 54 (n,n') Level 58-Ce-136  
 Cross Section -100.0 To 25.24 %



MAT 5825 MT= 55 (n, n') Level 58-Ce-136  
 Cross Section -100.0 To 9999. %



MAT 5825      MT= 56 (n,n') Level      58-Ce-136  
 Cross Section    -100.0 To 30.83 %



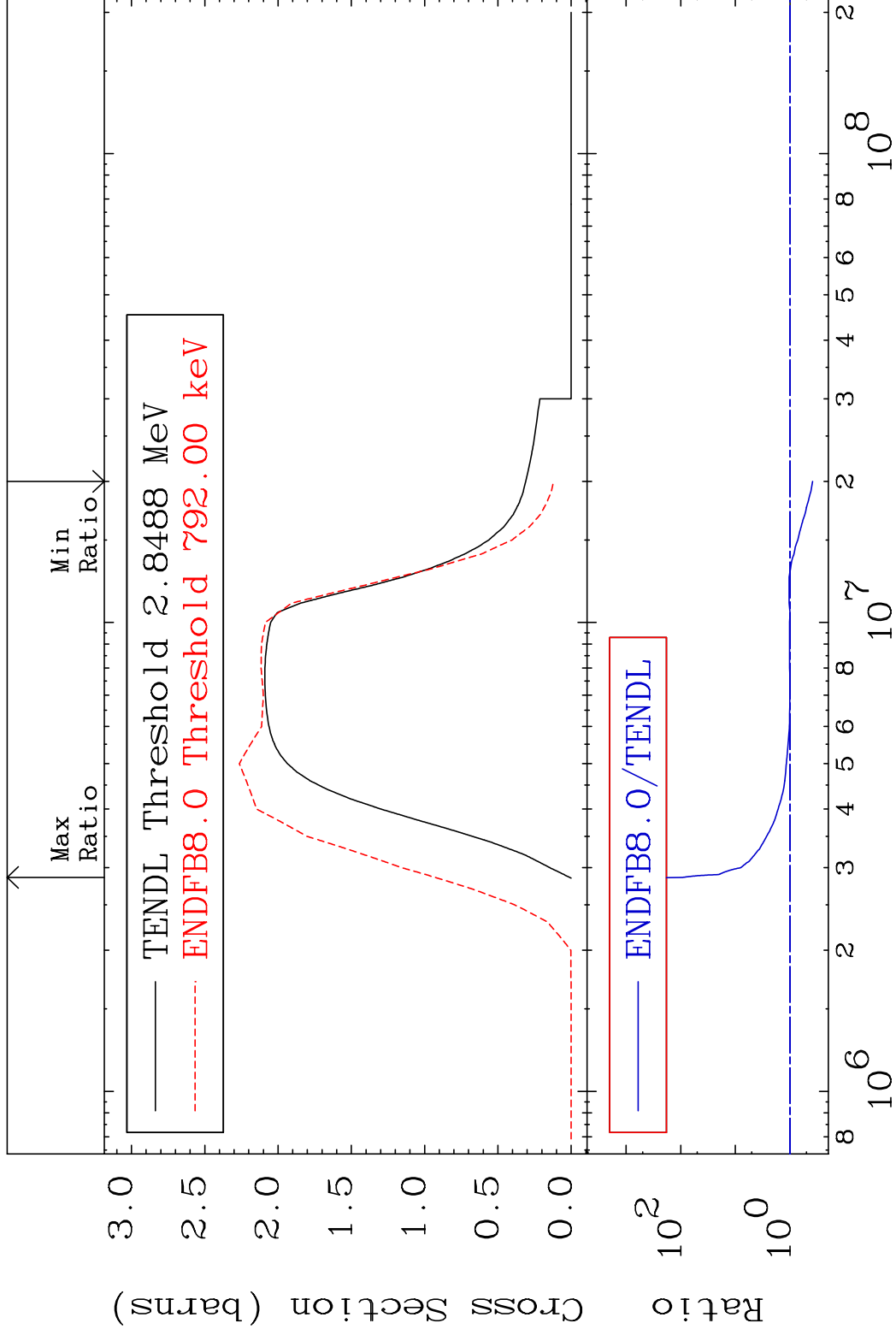


MAT 5825

(n, n') Continuum

58-Ce-136

Cross Section -61.41 To 9254. %



16

Incident Energy (eV)

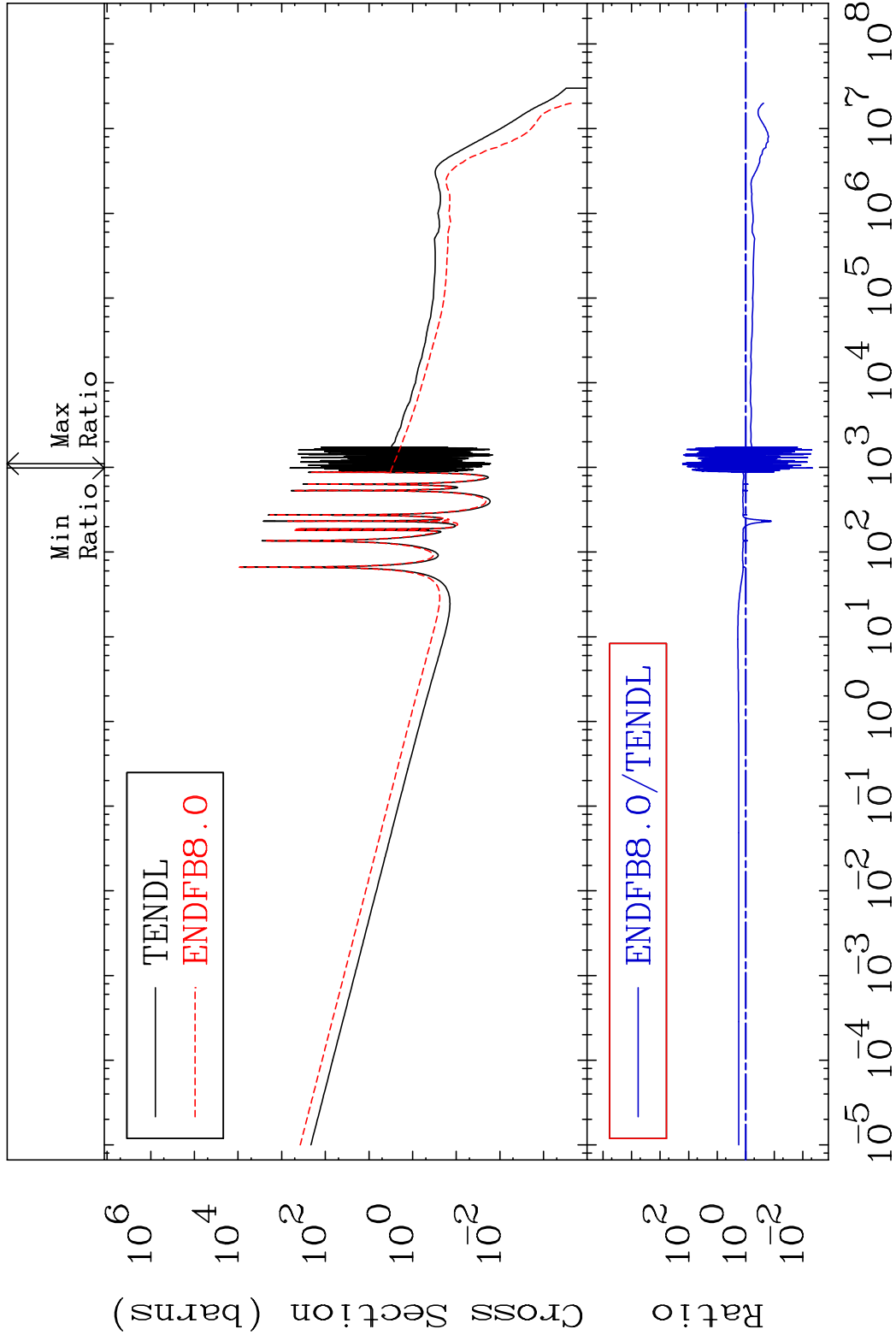
58-Ce-136

MAT 5825

(n,  $\gamma$ )

58-Ce-136

Cross Section -99.54 To 9999. %



17

Incident Energy (eV)

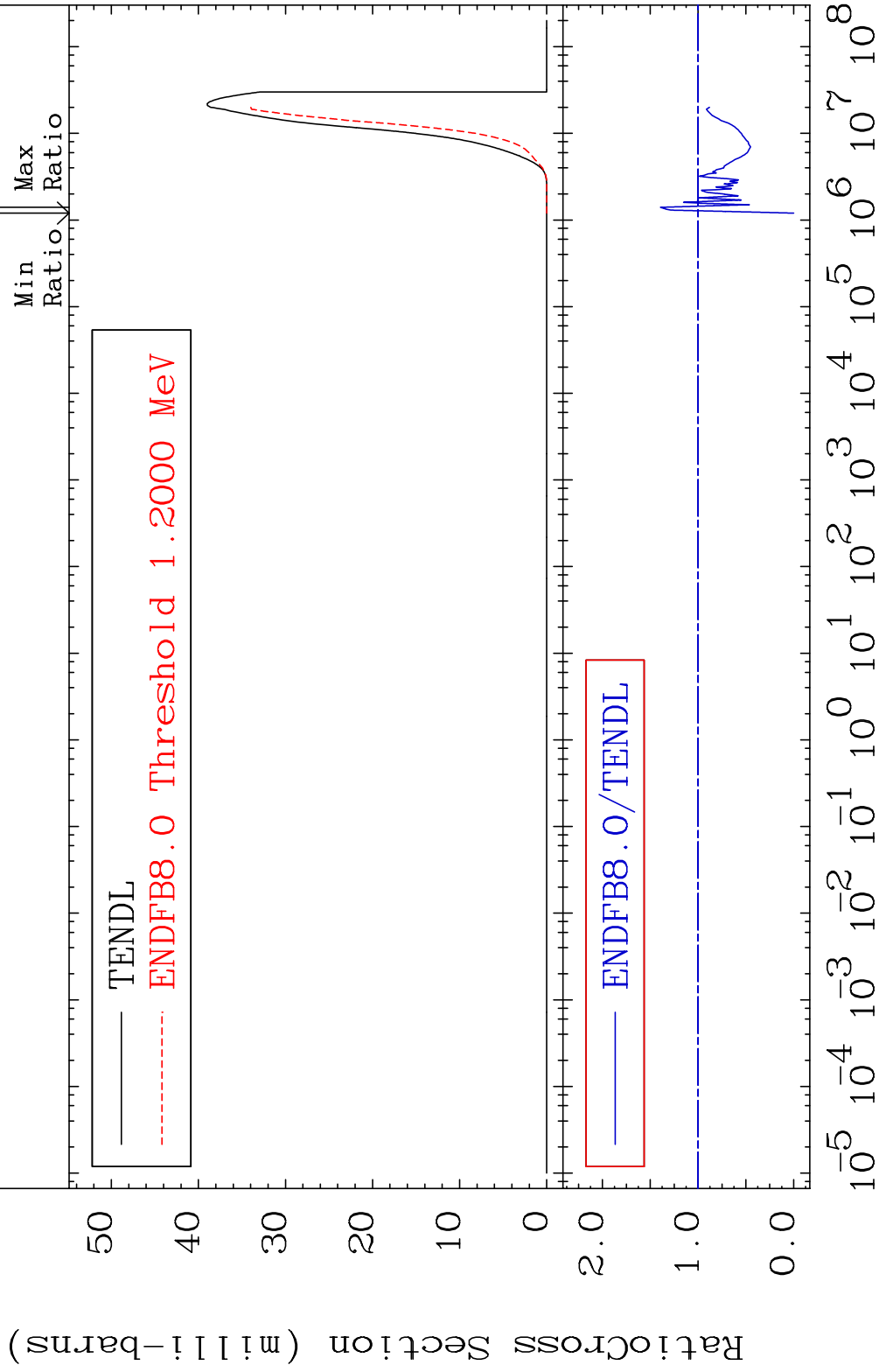
58-Ce-136

MAT 5825

(n,p)

58-Ce-136

Cross Section -100.0 To 39.36 %



18

Incident Energy (eV)

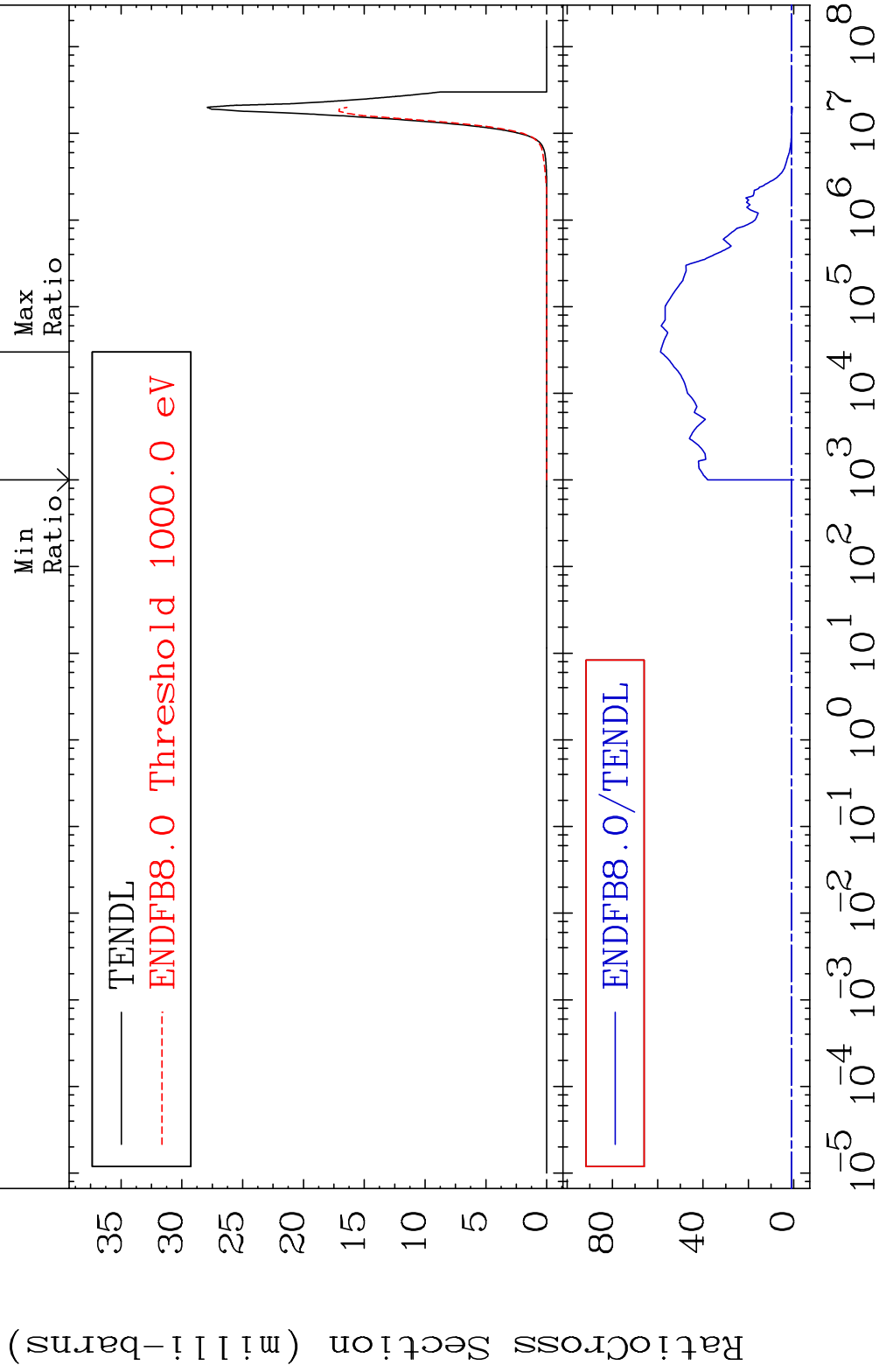
58-Ce-136

MAT 5825

(n,  $\alpha$ )

58-Ce-136

Cross Section -100.0 To 5781. %



19

Incident Energy (eV)

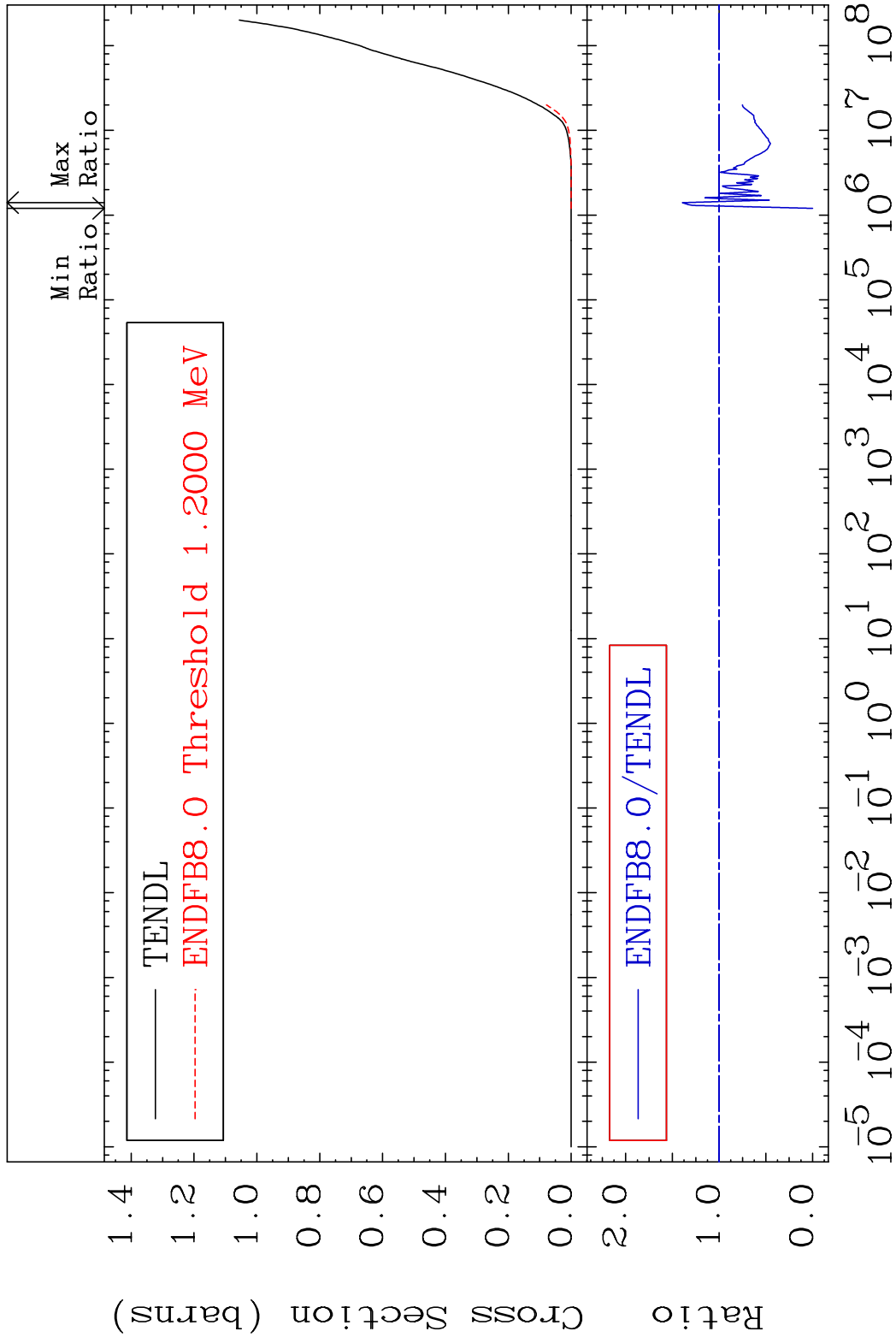
58-Ce-136

MAT 5825

Hydrogen Production

58-Ce-136

Cross Section -100.0 To 39.36 %



20

Incident Energy (eV)

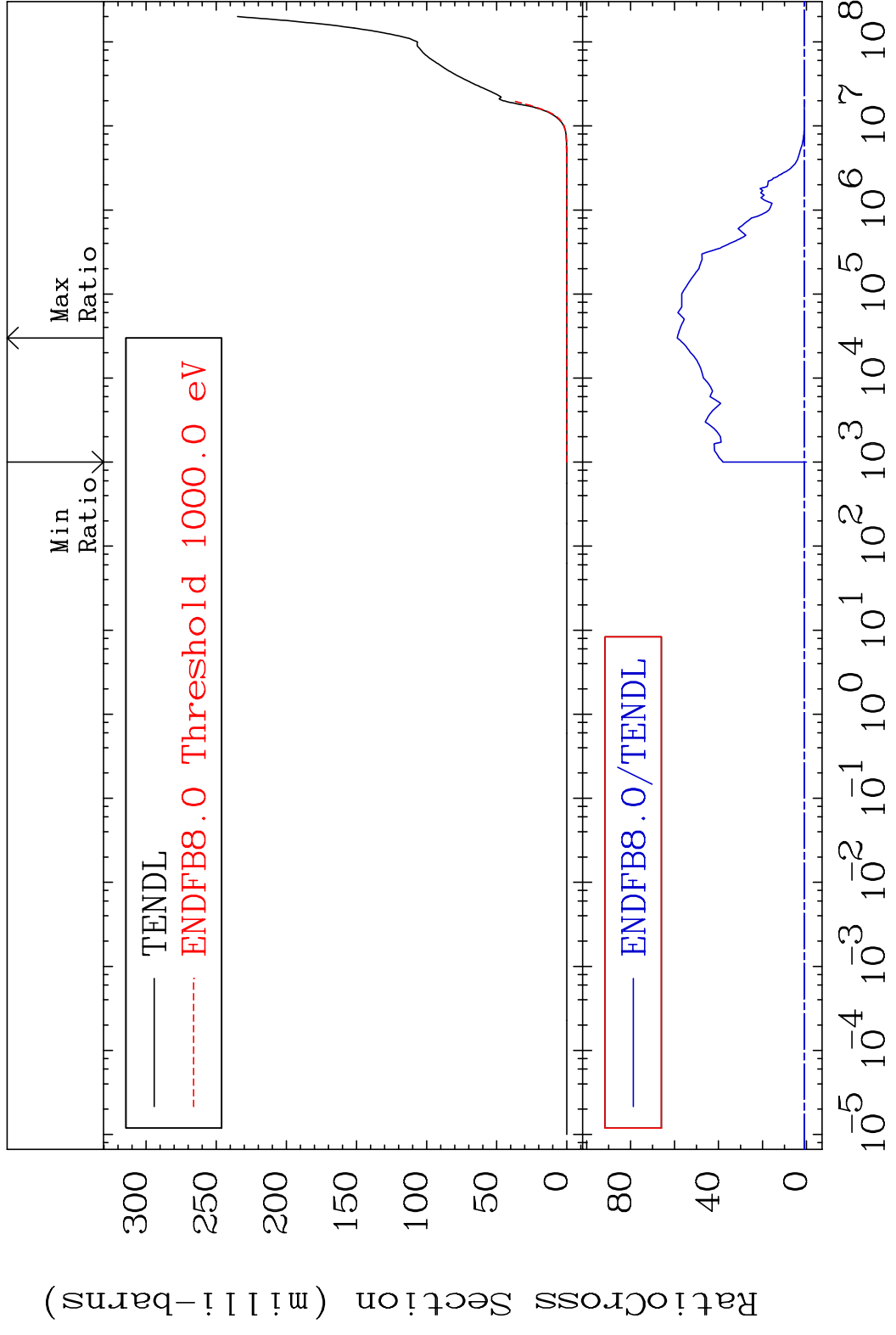
58-Ce-136

MAT 5825

He-4 Production

58-Ce-136

Cross Section -100.0 To 5781.0 %

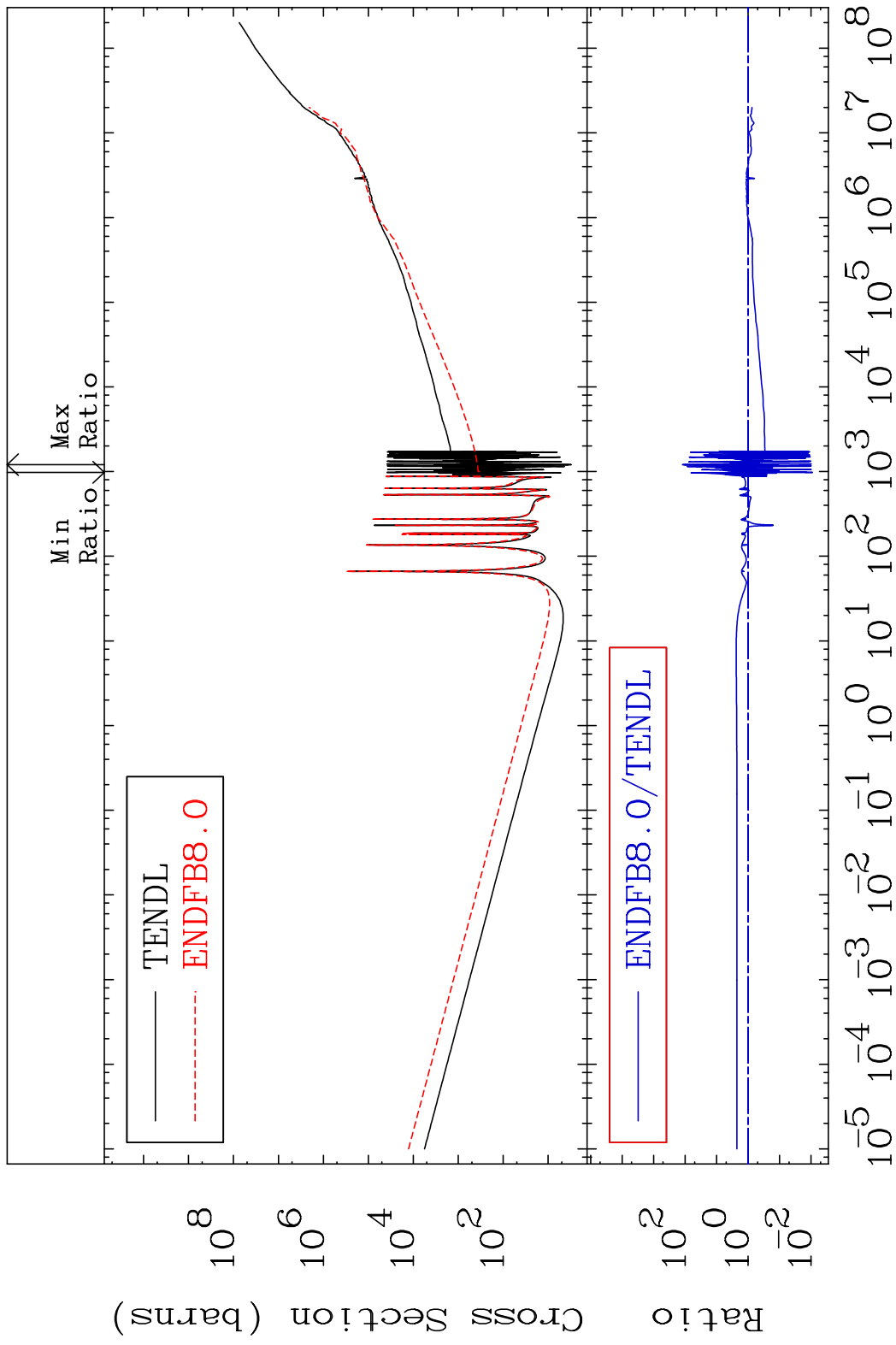


21

Incident Energy (eV)

58-Ce-136

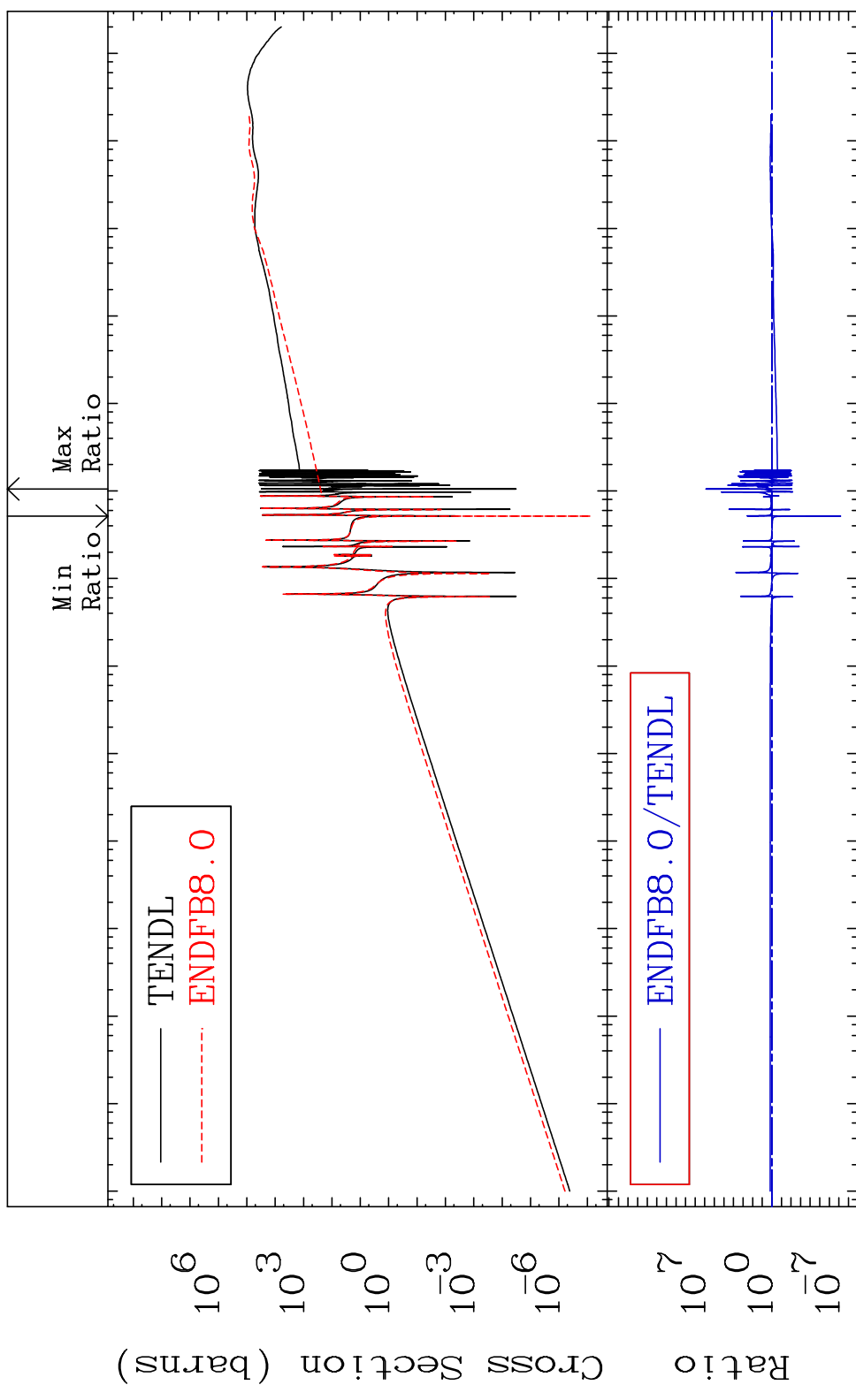
MAT 5825 Kerma total (eV-barns) 58-Ce-136  
 Cross Section -99.11 To 9999. %



22 Incident Energy (eV) 58-Ce-136

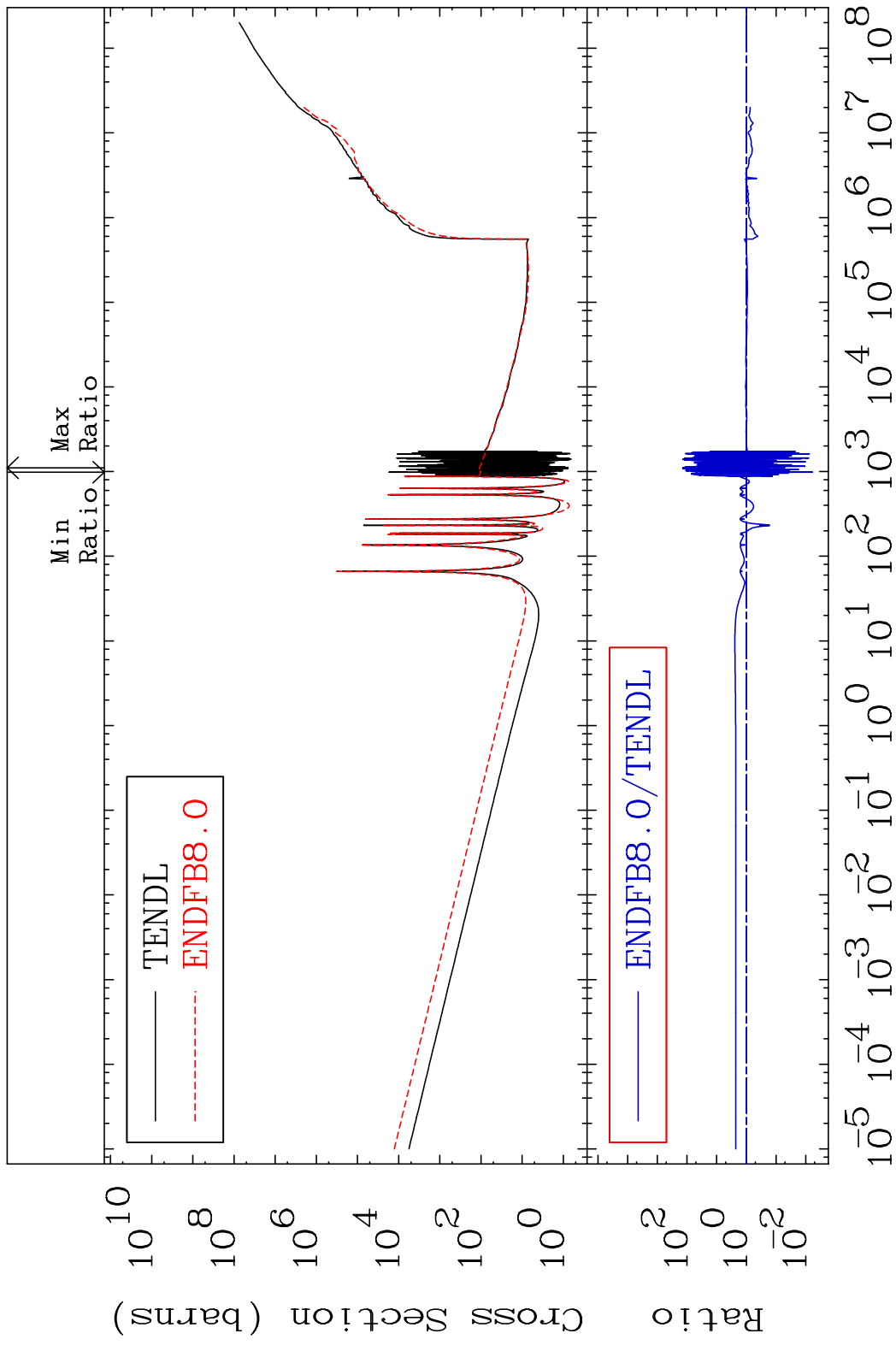
MAT 5825

Kerma elastic  
Cross Section -100.0 To 9999. %  
58-Ce-136

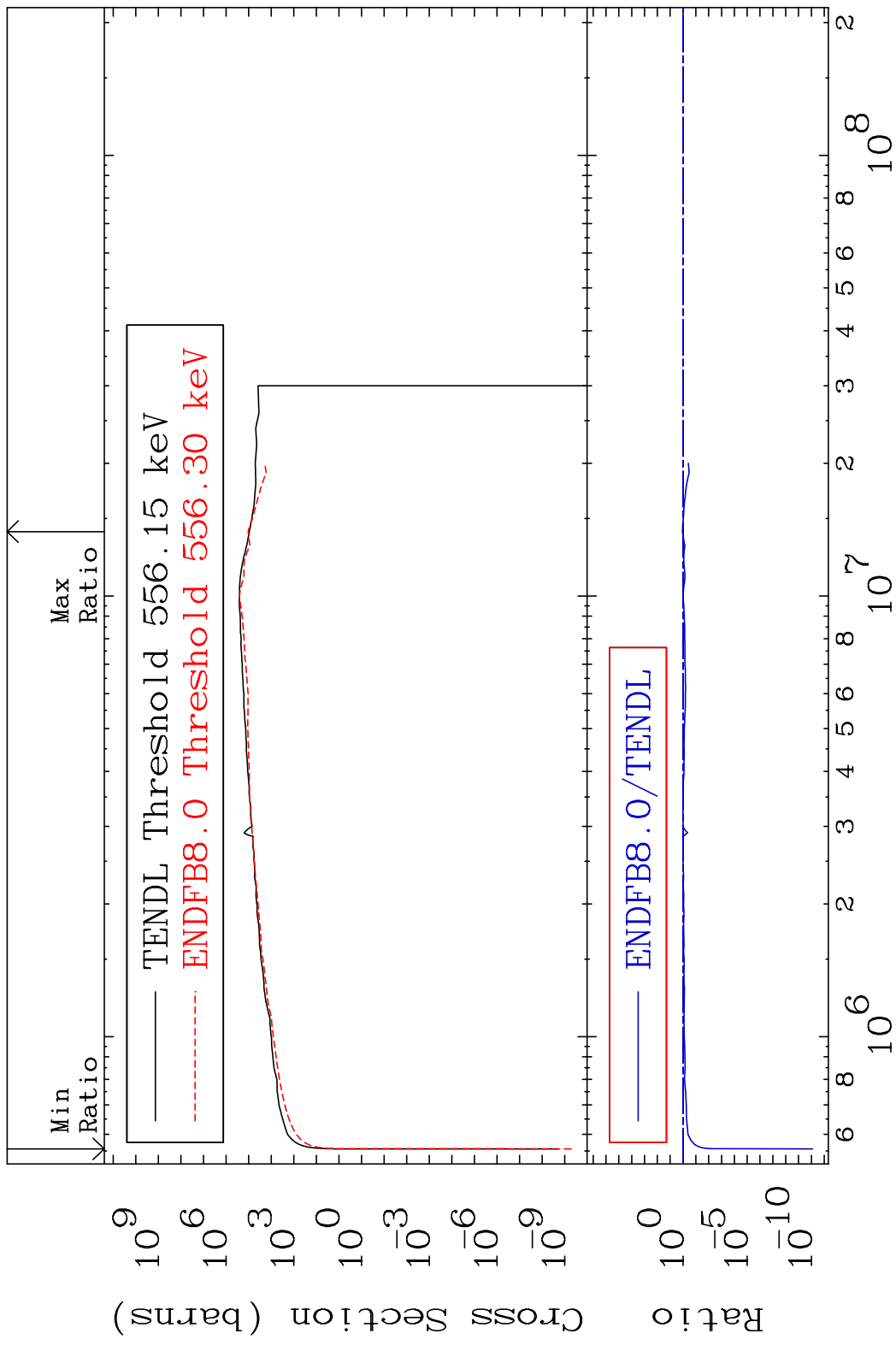




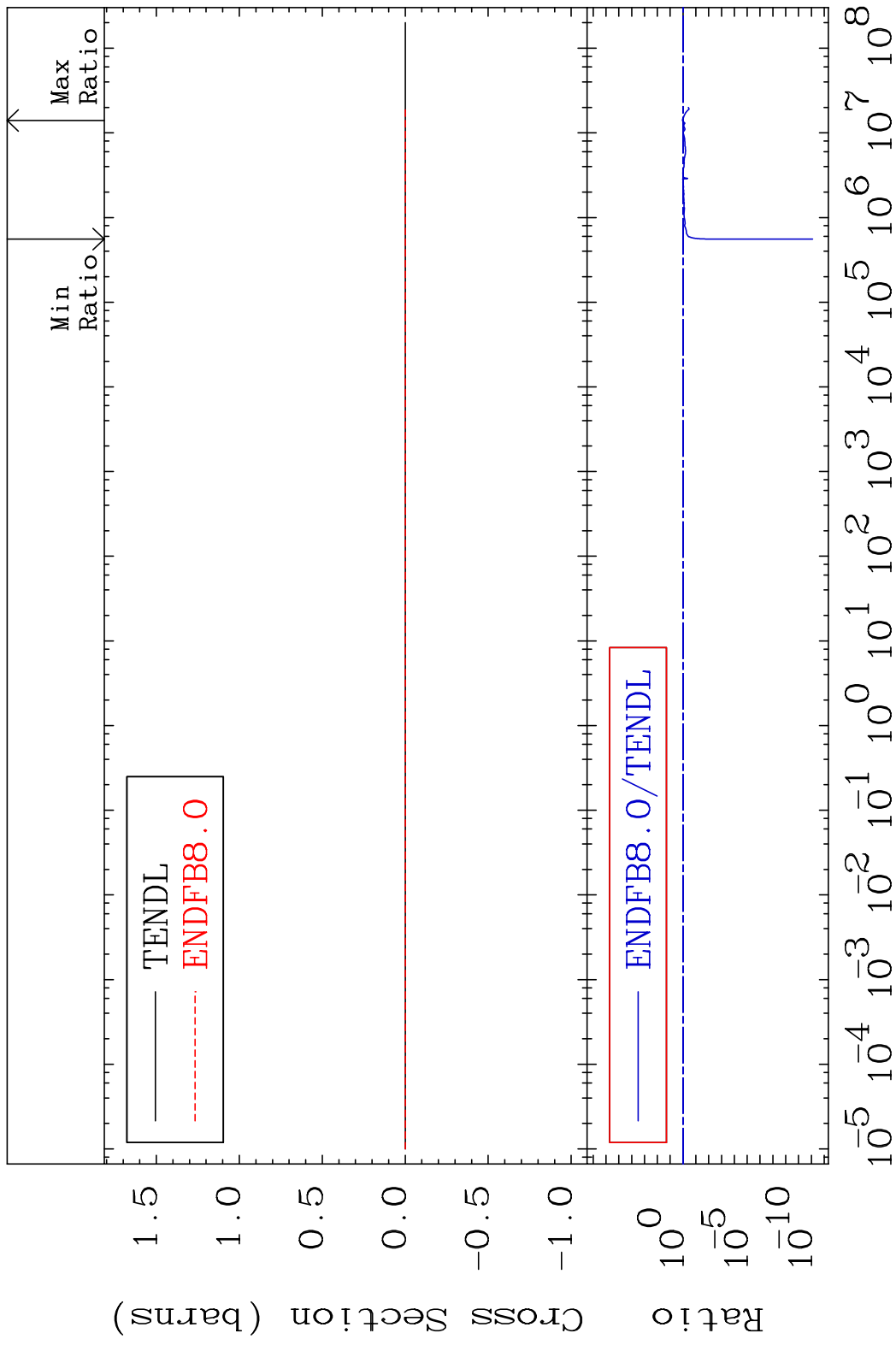
MAT 5825 Kerma non-elastic (all but mt2) 58-Ce-136  
 Cross Section -99.41 To 9999. %



MAT 5825 Kerma inelastic (mt51-91) 58-Ce-136  
 Cross Section -100.0 To 12.60 %



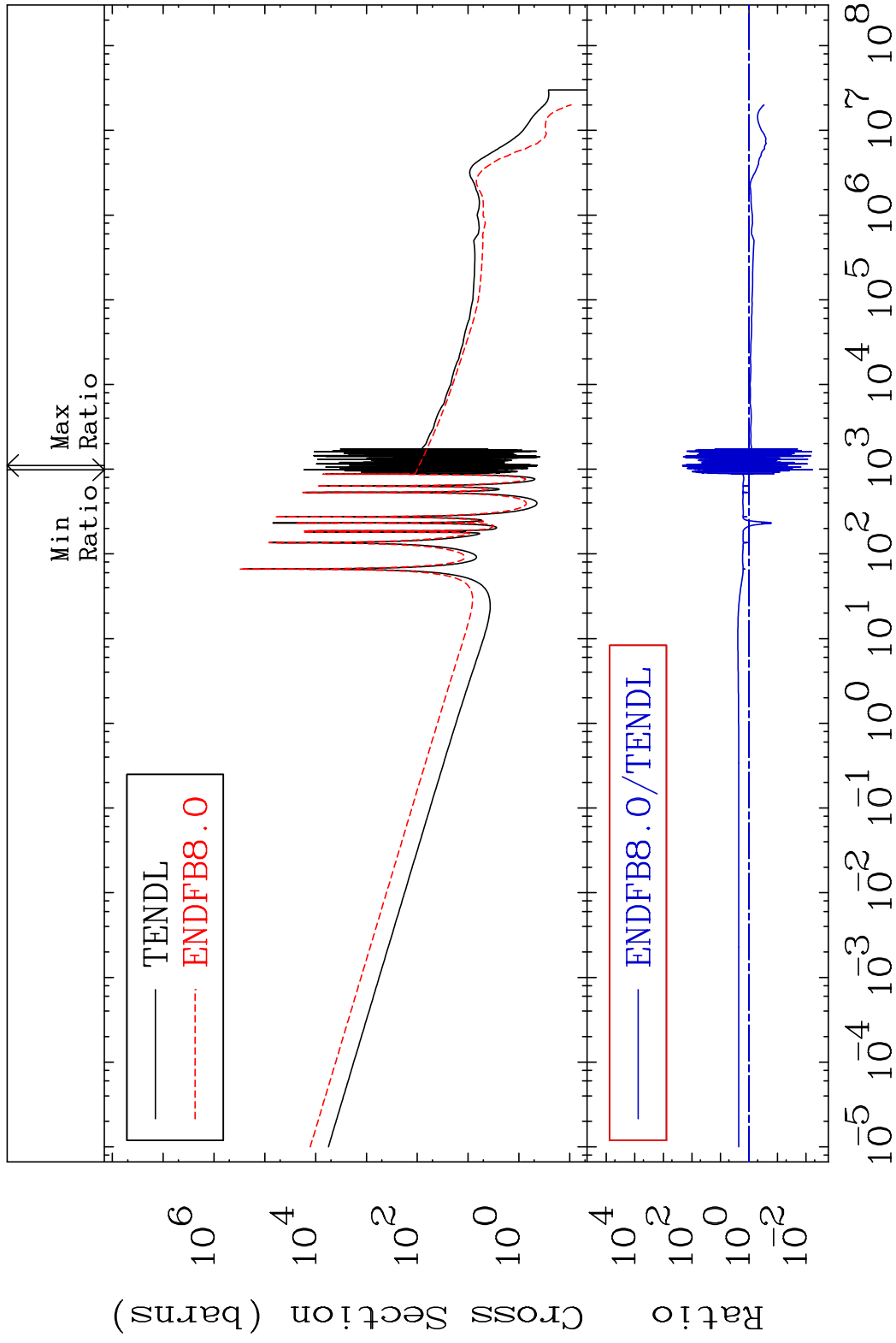
MAT 5825 Kerma fission (mt18 or mt19-20-21-38) 58-Ce-136  
 Cross Section -100.0 To 12.60 %



MAT 5825

Kerma capture (mt102) 58-Ce-136

Cross Section -99.41 To 9999. %

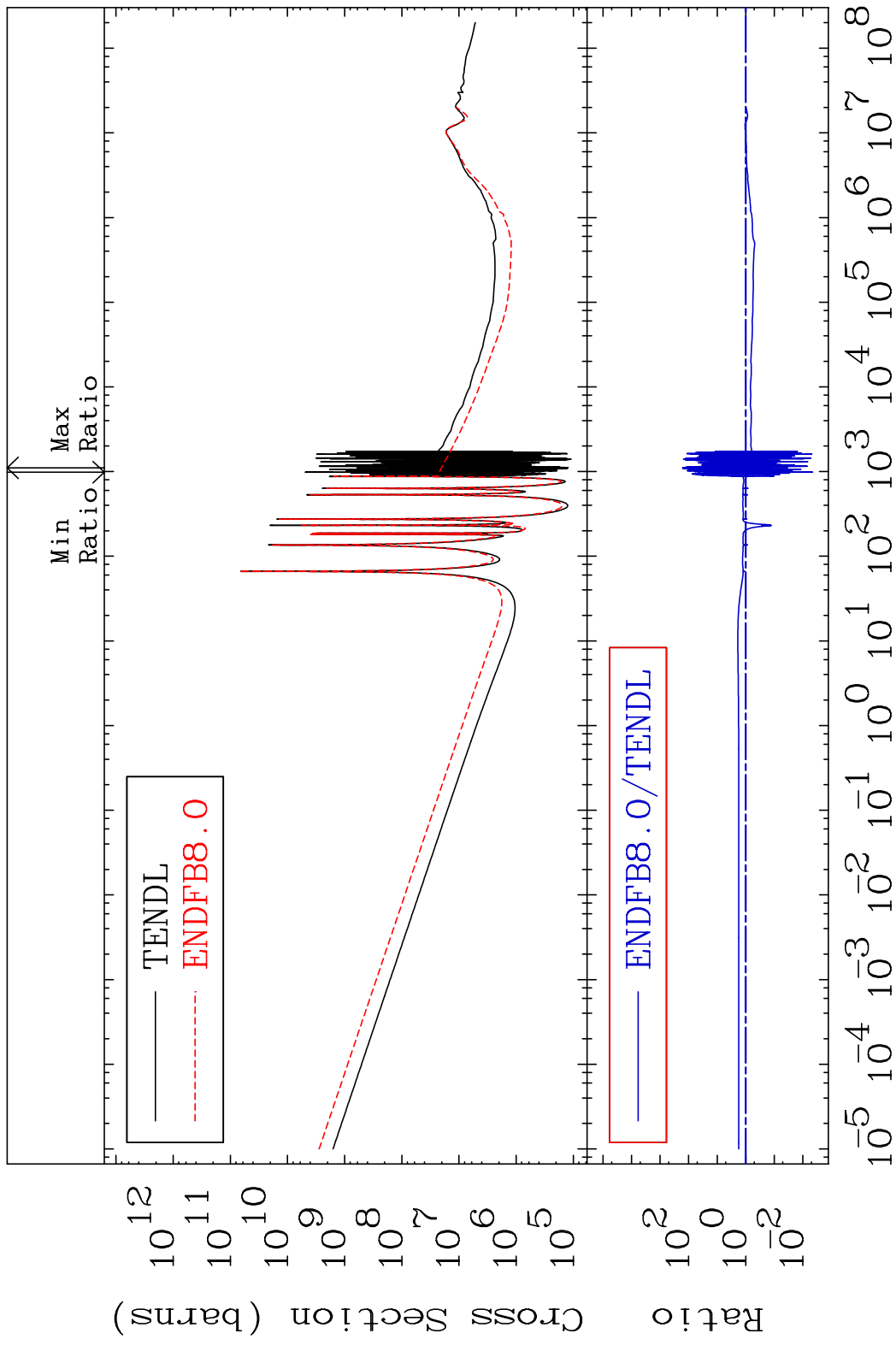


27

Incident Energy (eV)

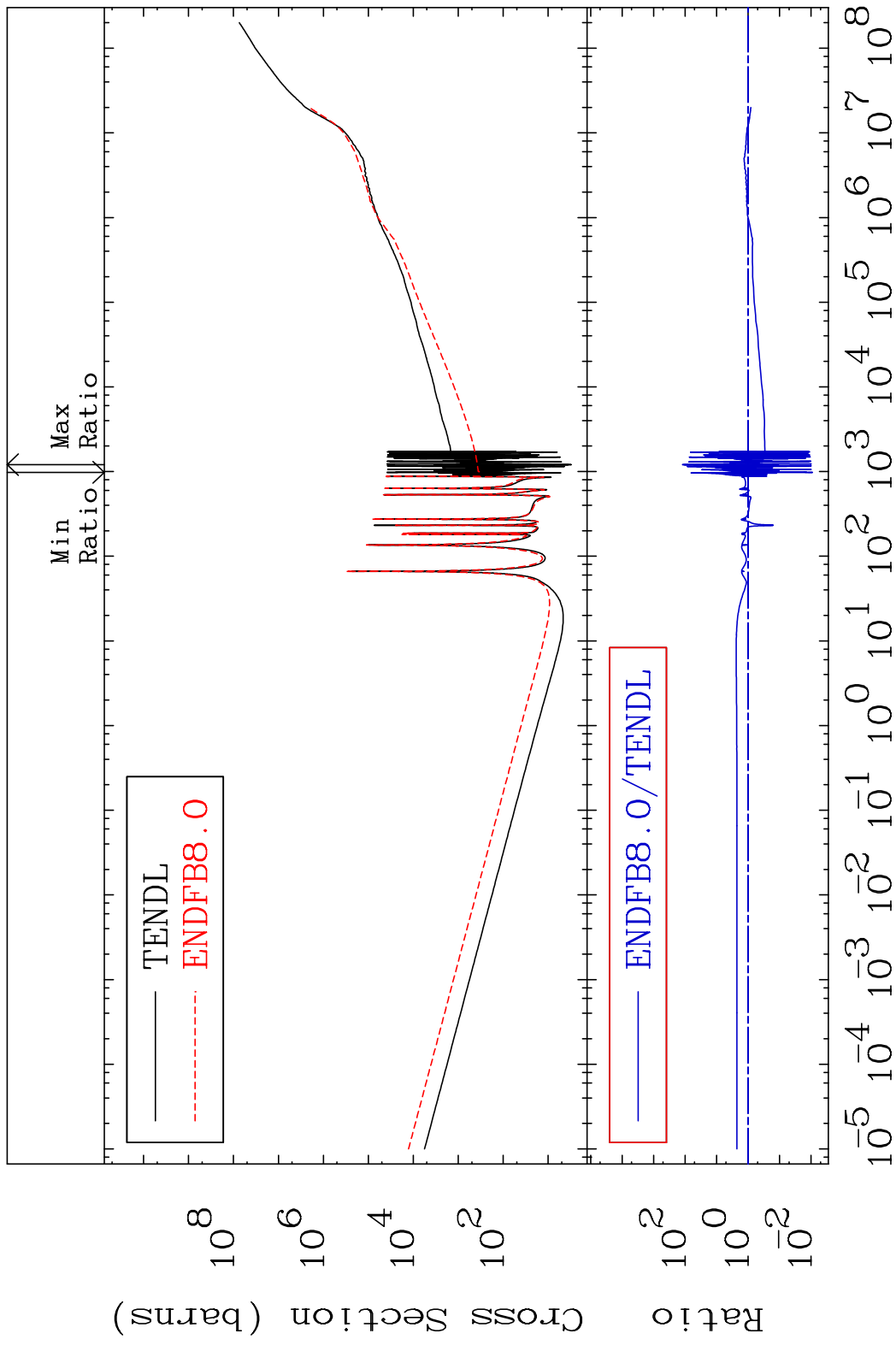
58-Ce-136

MAT 5825 Total photon (eV-barns) 58-Ce-136  
 Cross Section -99.55 To 9999. %

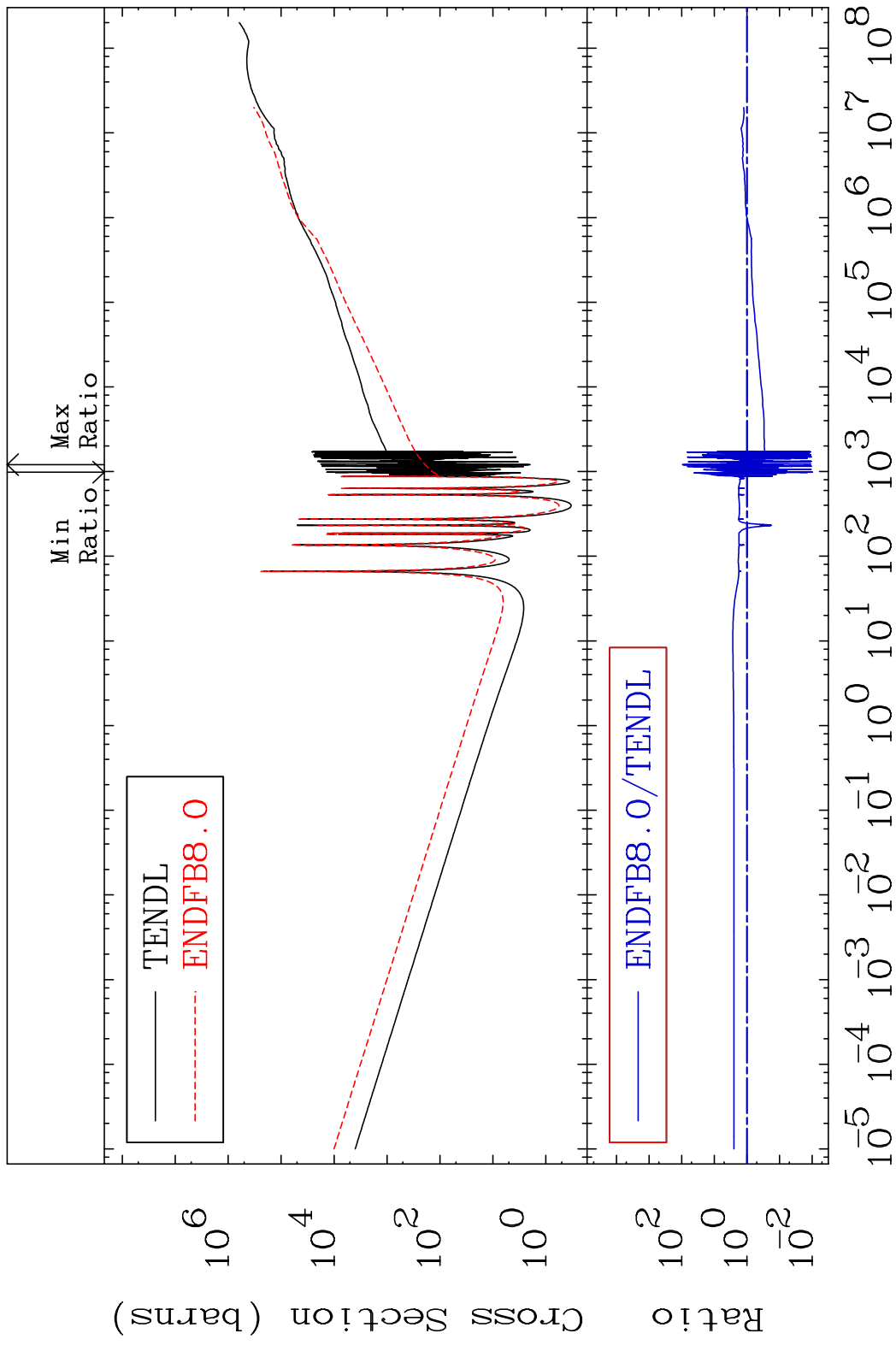


28 Incident Energy (eV) 58-Ce-136

MAT 5825 Total kinematic kerma (high limit) 58-Ce-136  
 Cross Section -99.11 To 9999. %

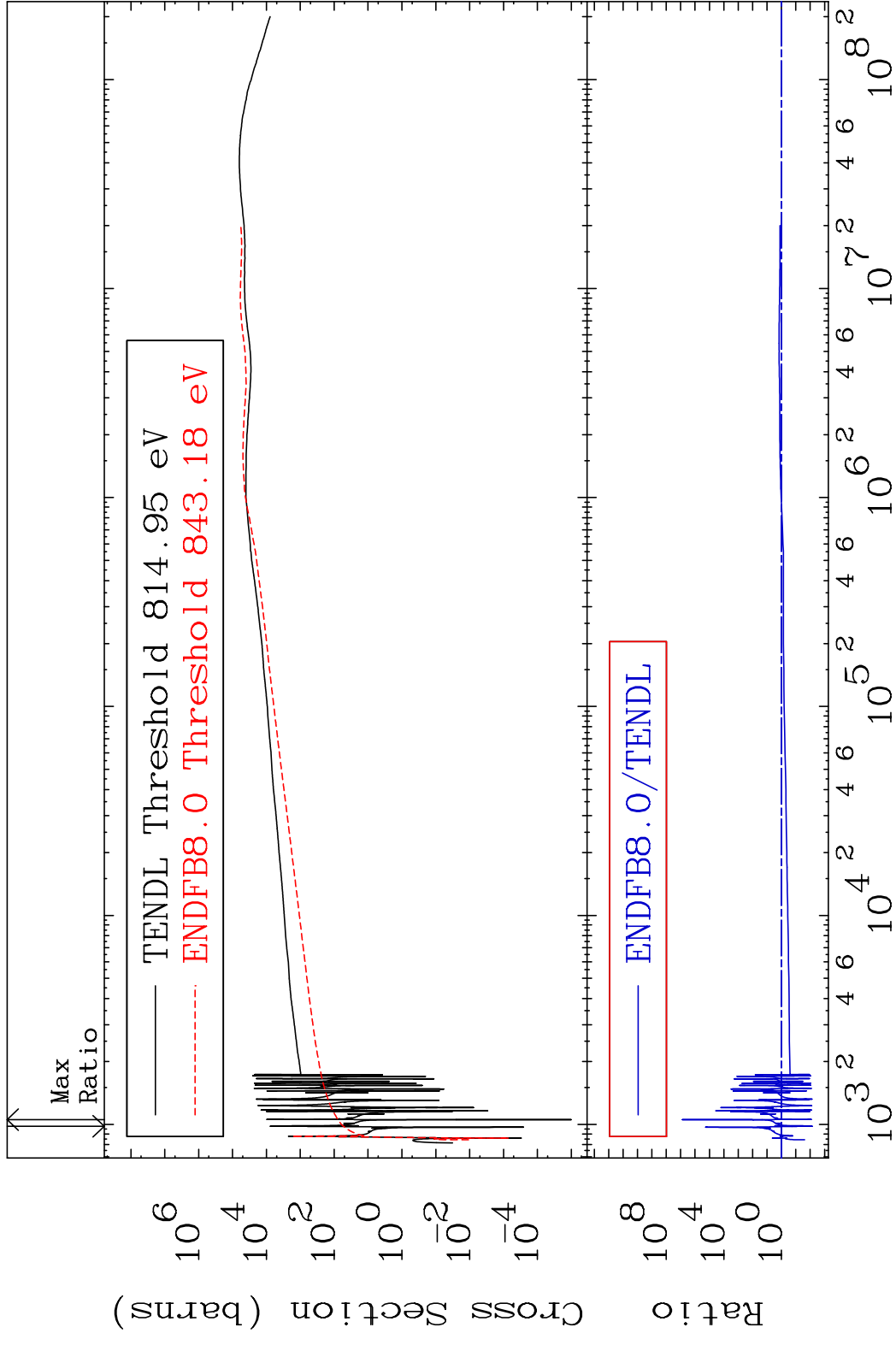


MAT 5825      Dpa total (eV-barns)      58-Ce-136  
 Cross Section      -99.03 To 9476. %



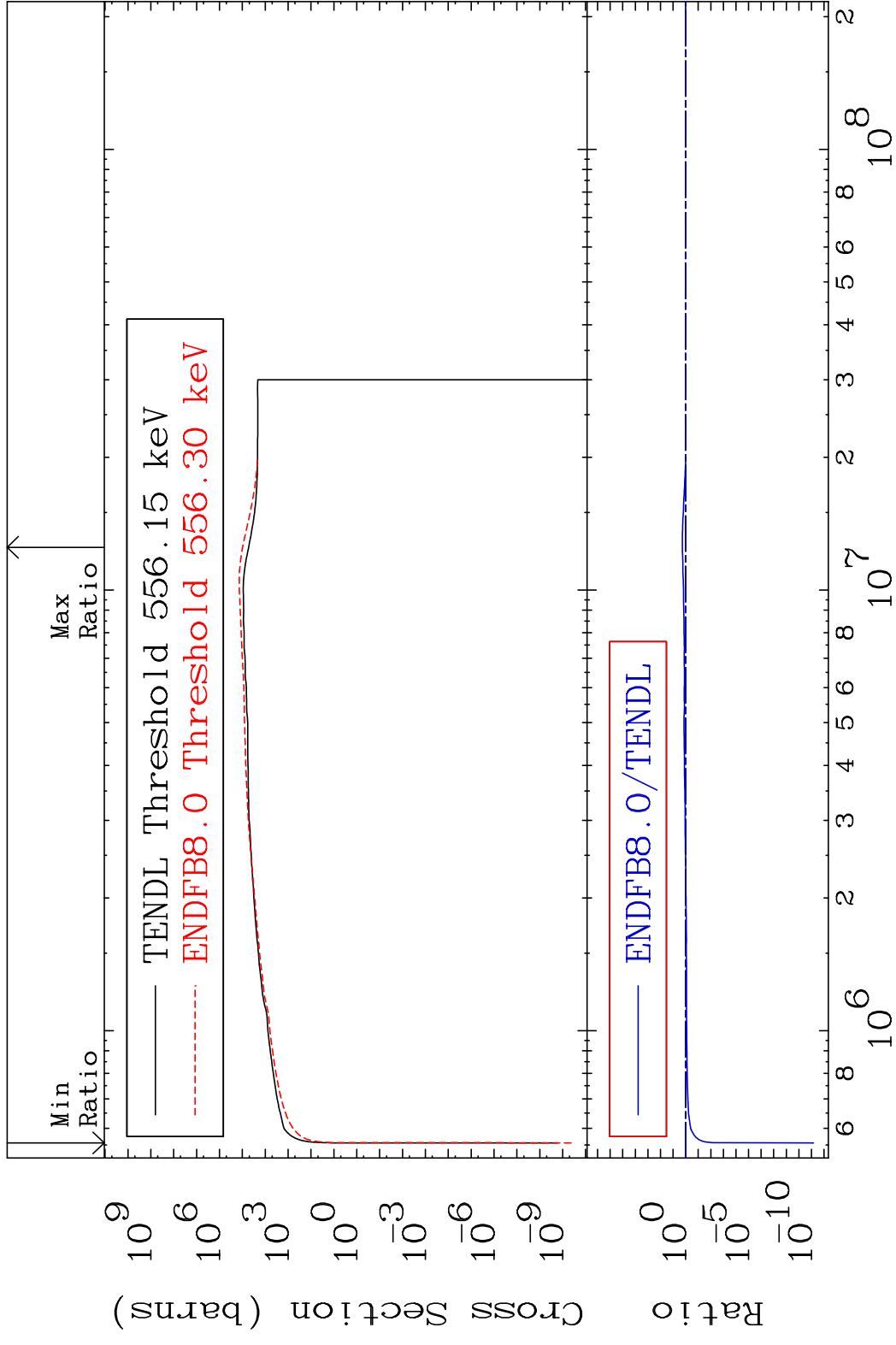
30      Incident Energy (eV)      58-Ce-136

MAT 5825      Dpa elastic (mt2)      58-Ce-136  
 Cross Section      -99.31 To 9999. %





MAT 5825 Dpa inelastic (mt51-91) 58-Ce-136  
 Cross Section -100.0 To 81.89 %



MAT 5825 Dpa disappearance (mt102 -120) 58-Ce-136  
 Cross Section -99.35 To 9999. %

