

Program Complot  
(Version 2021-1)

by

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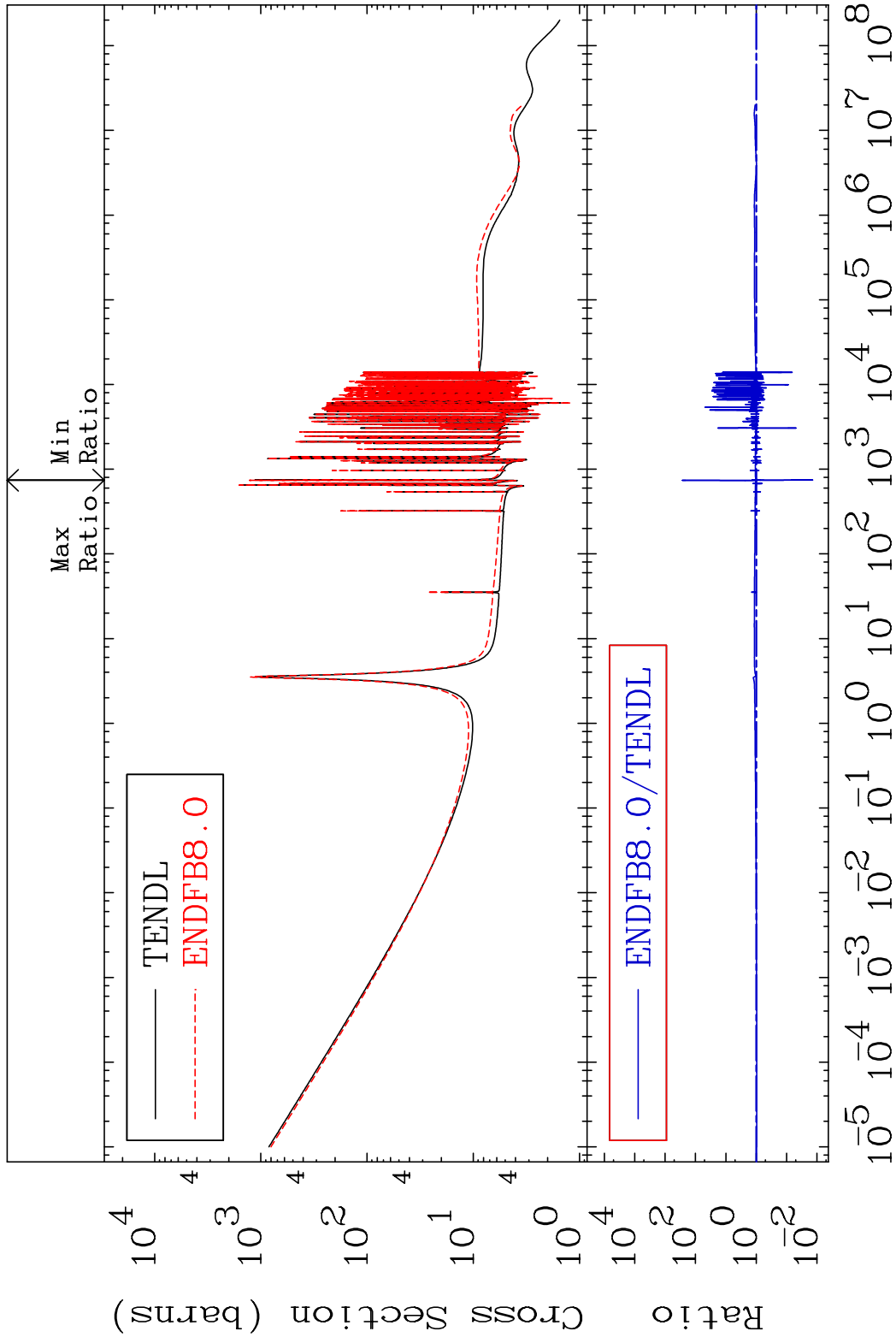
Press Mouse Button to Start

MAT 3834

Total

38-Sr-87

Cross Section -98.61 To 9999. %



1

Incident Energy (eV)

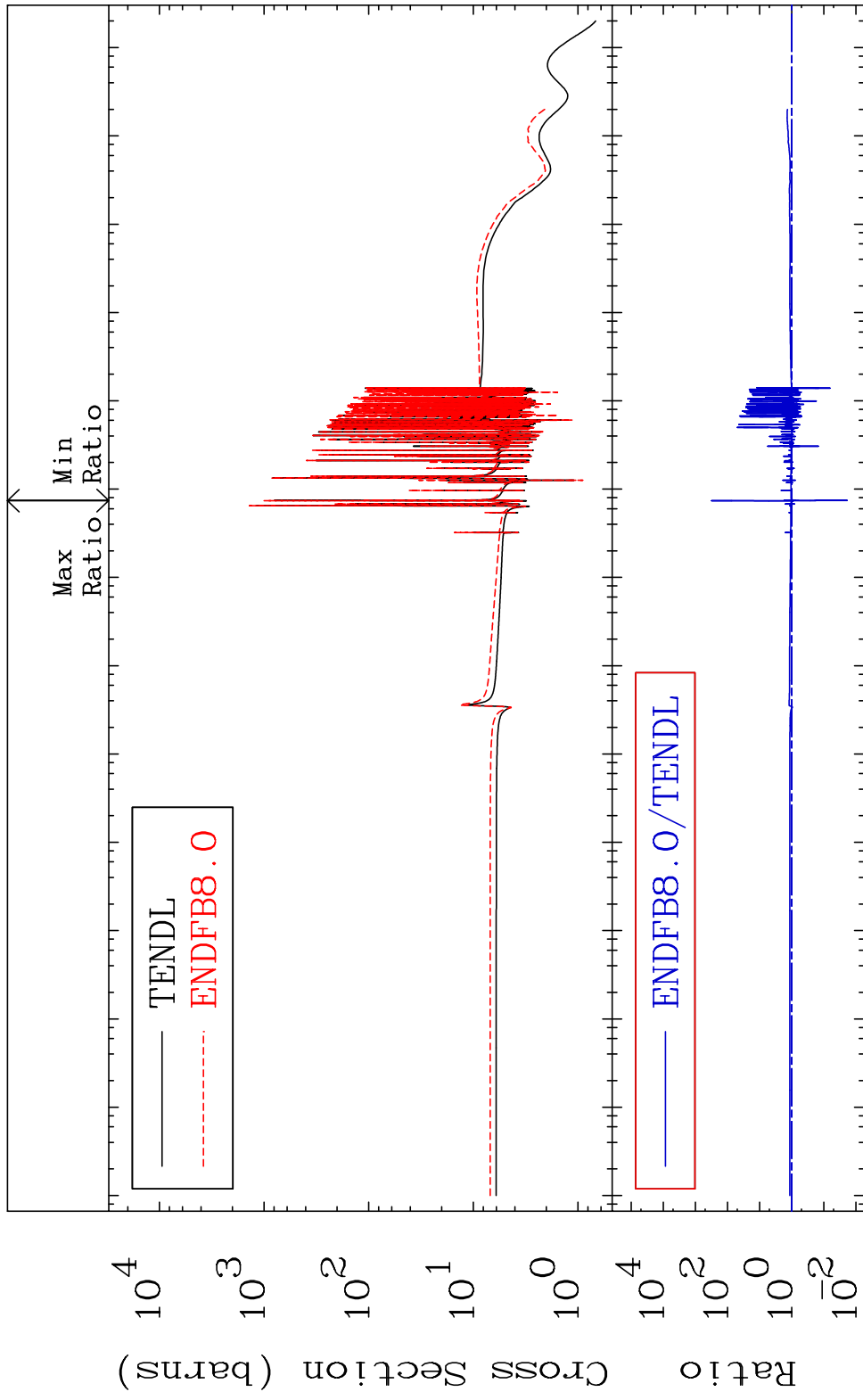
38-Sr-87

MAT 3834

Elastic

38-Sr-87

Cross Section -98.14 To 9999. %



2

Incident Energy (eV)

38-Sr-87

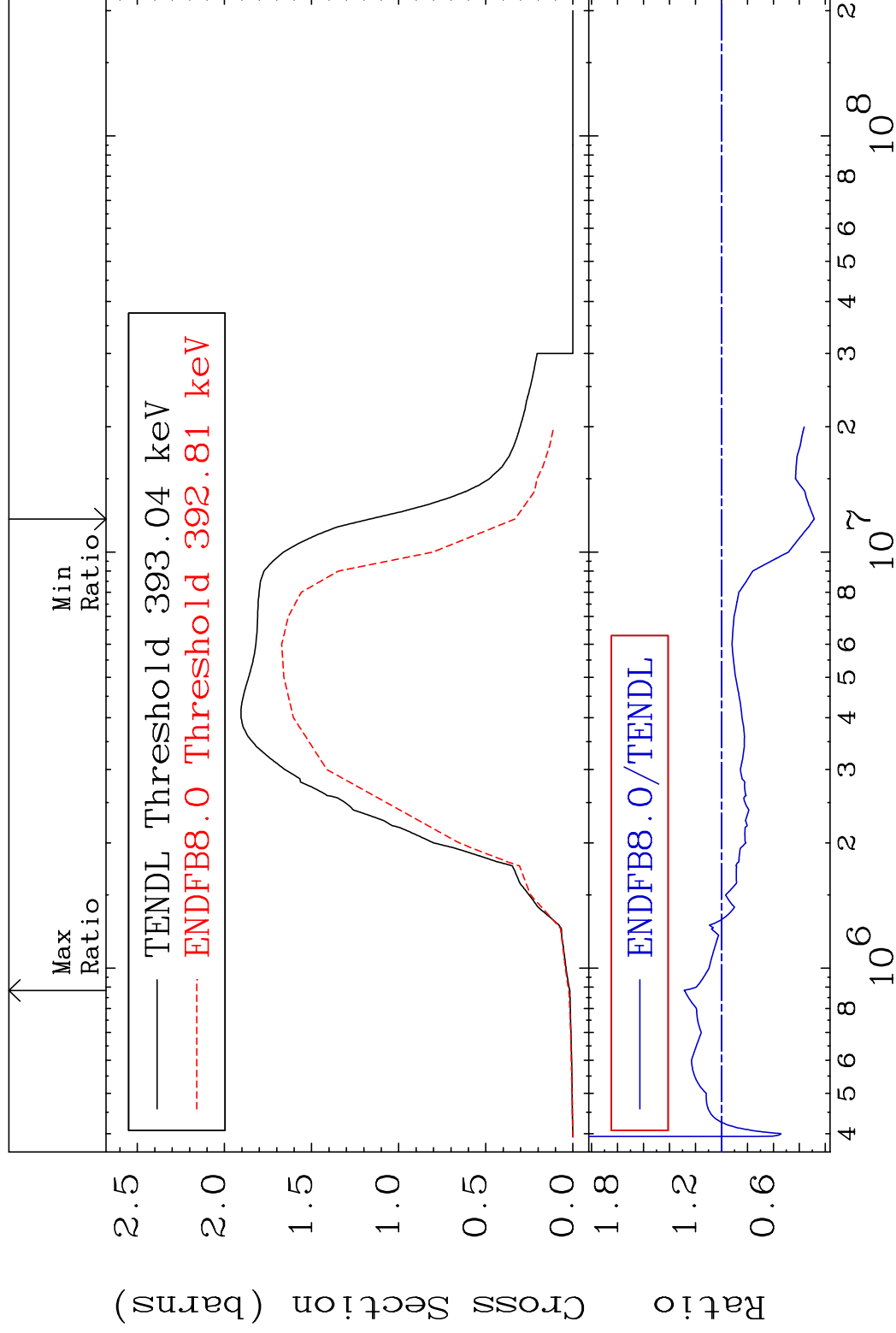
MAT 3834

Inelastic

38-Sr-87

Cross Section

-71.47 To 28.75 %



3

Incident Energy (eV)

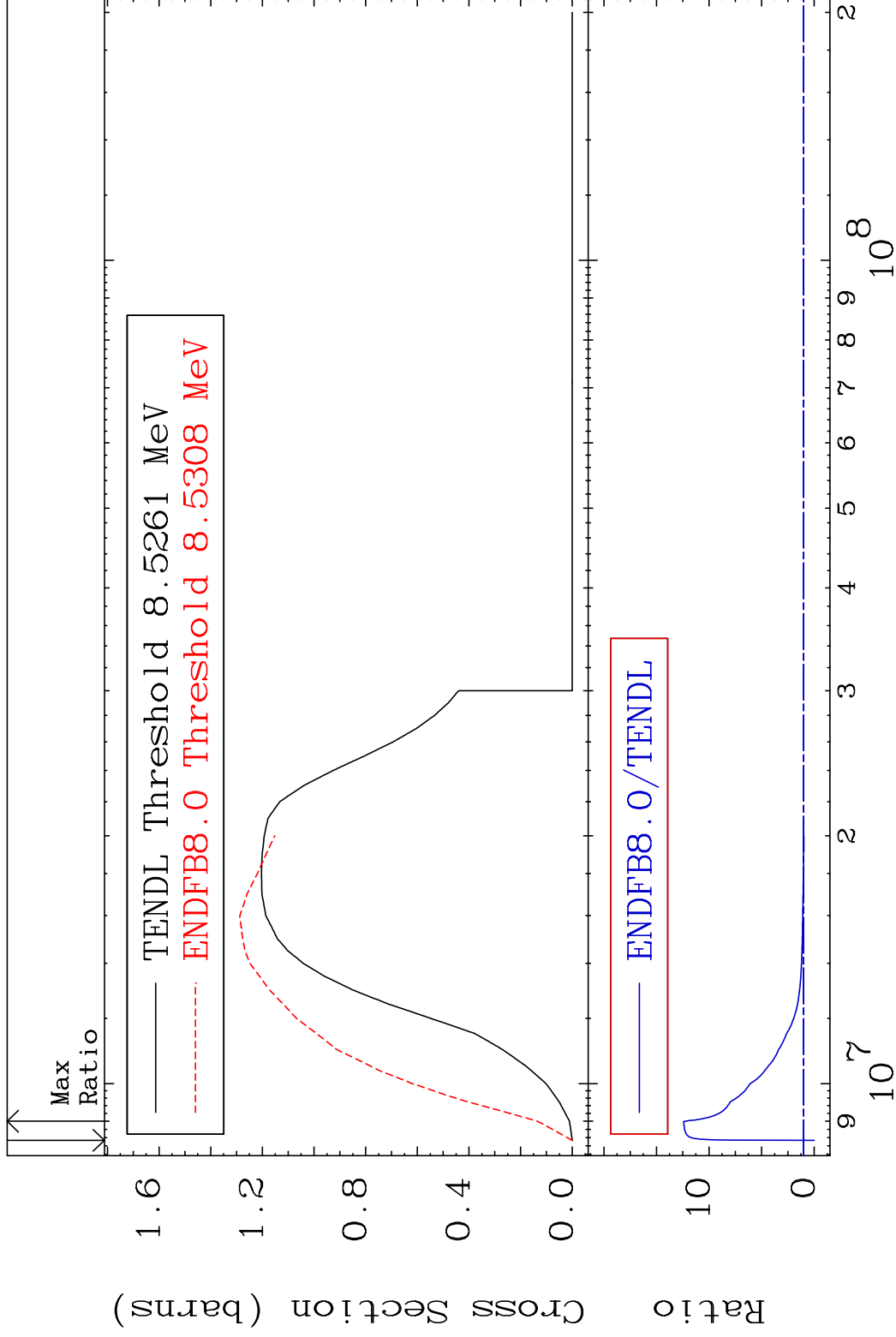
38-Sr-87

MAT 3834

(n,2n)

38-Sr-87

Cross Section -100.0 To 1141. %



38-Sr-87

Incident Energy (eV)

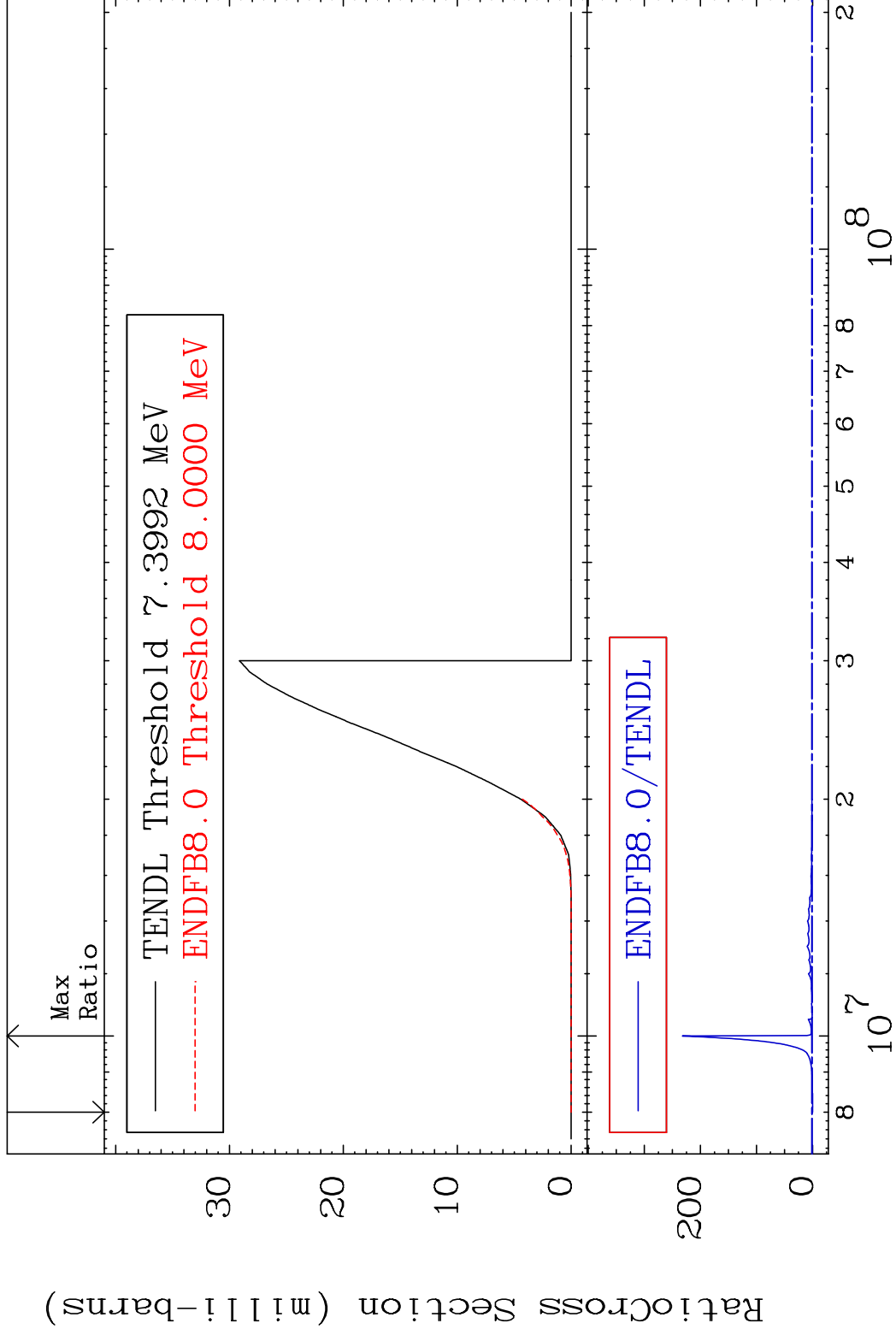
4

MAT 3834

(n, n')  $\alpha$

38-Sr-87

Cross Section -100.0 To 9999. %



5

Incident Energy (eV)

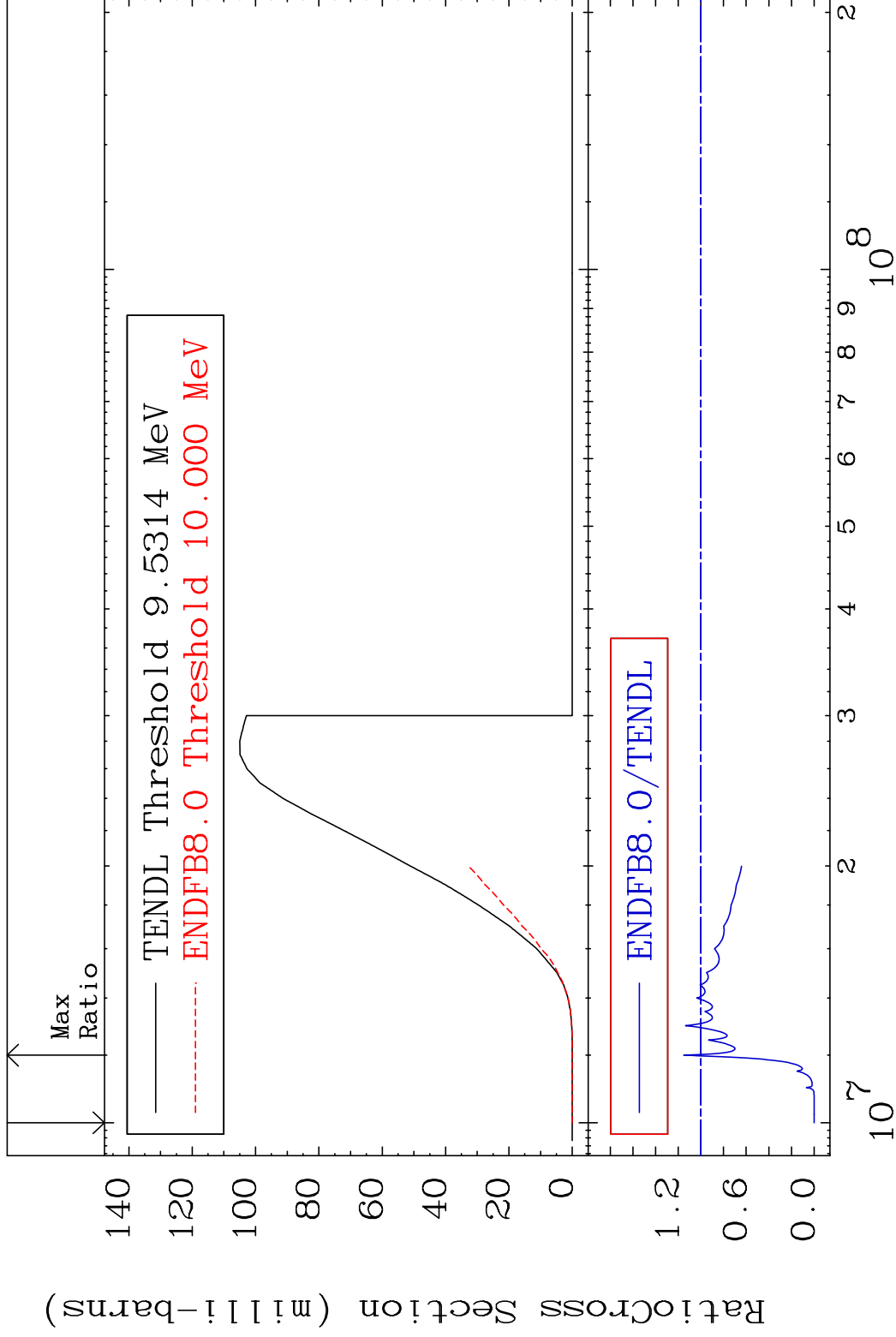
38-Sr-87

MAT 3834

(n, n') p

38-Sr-87

Cross Section -100.0 To 15.18 %



6

Incident Energy (eV)

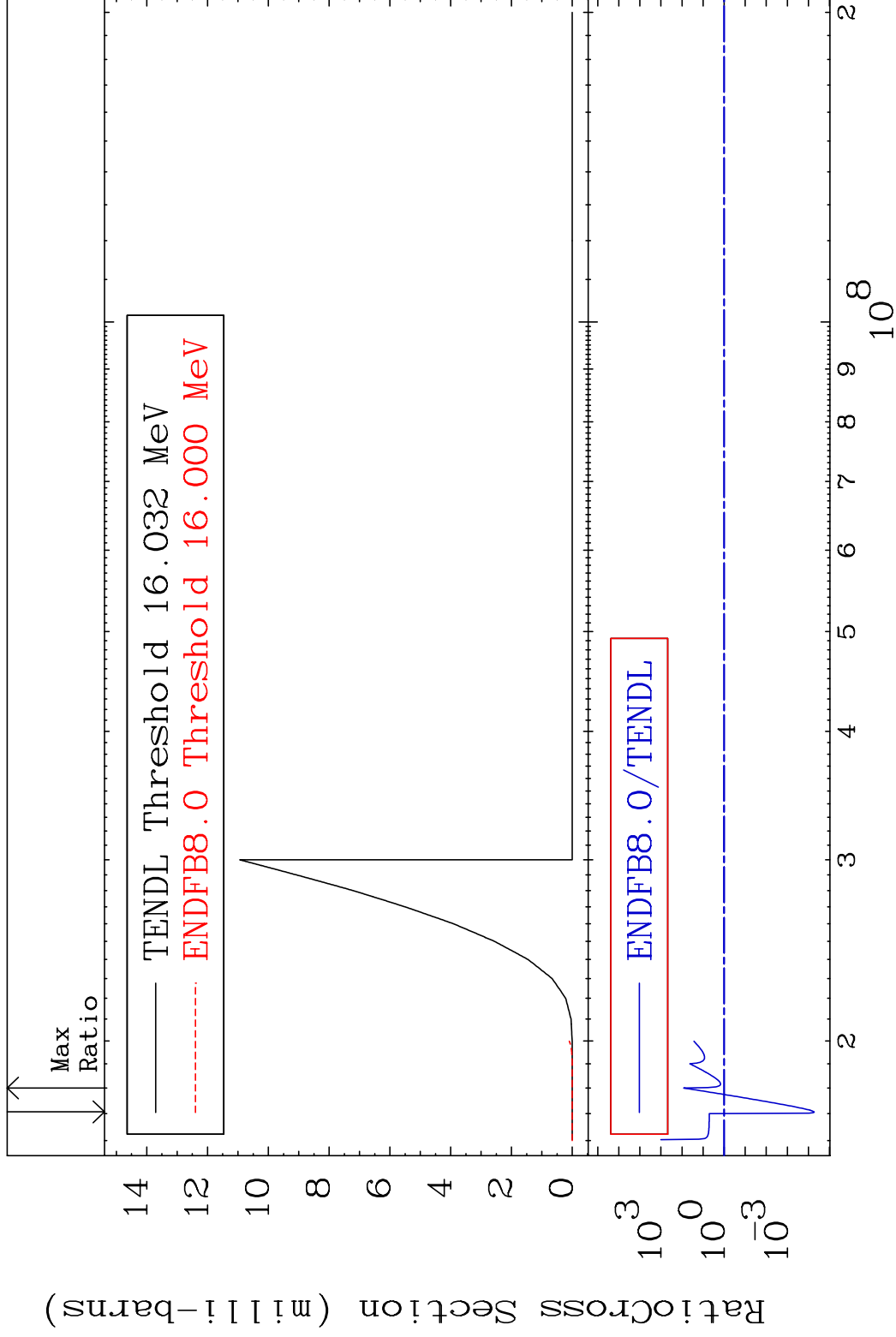
38-Sr-87

MAT 3834

(n, n') d

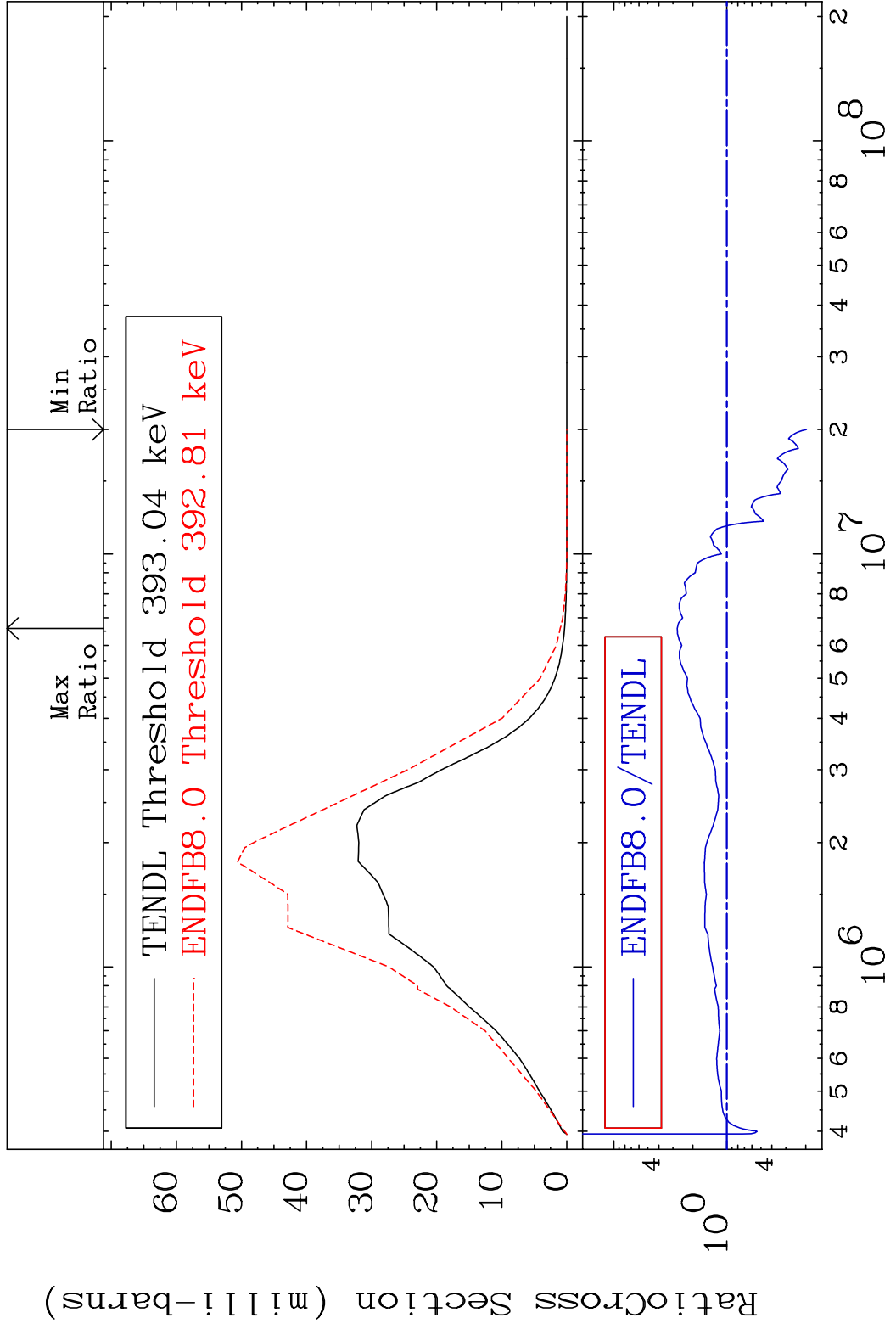
38-Sr-87

Cross Section -99.99 To 8259. %

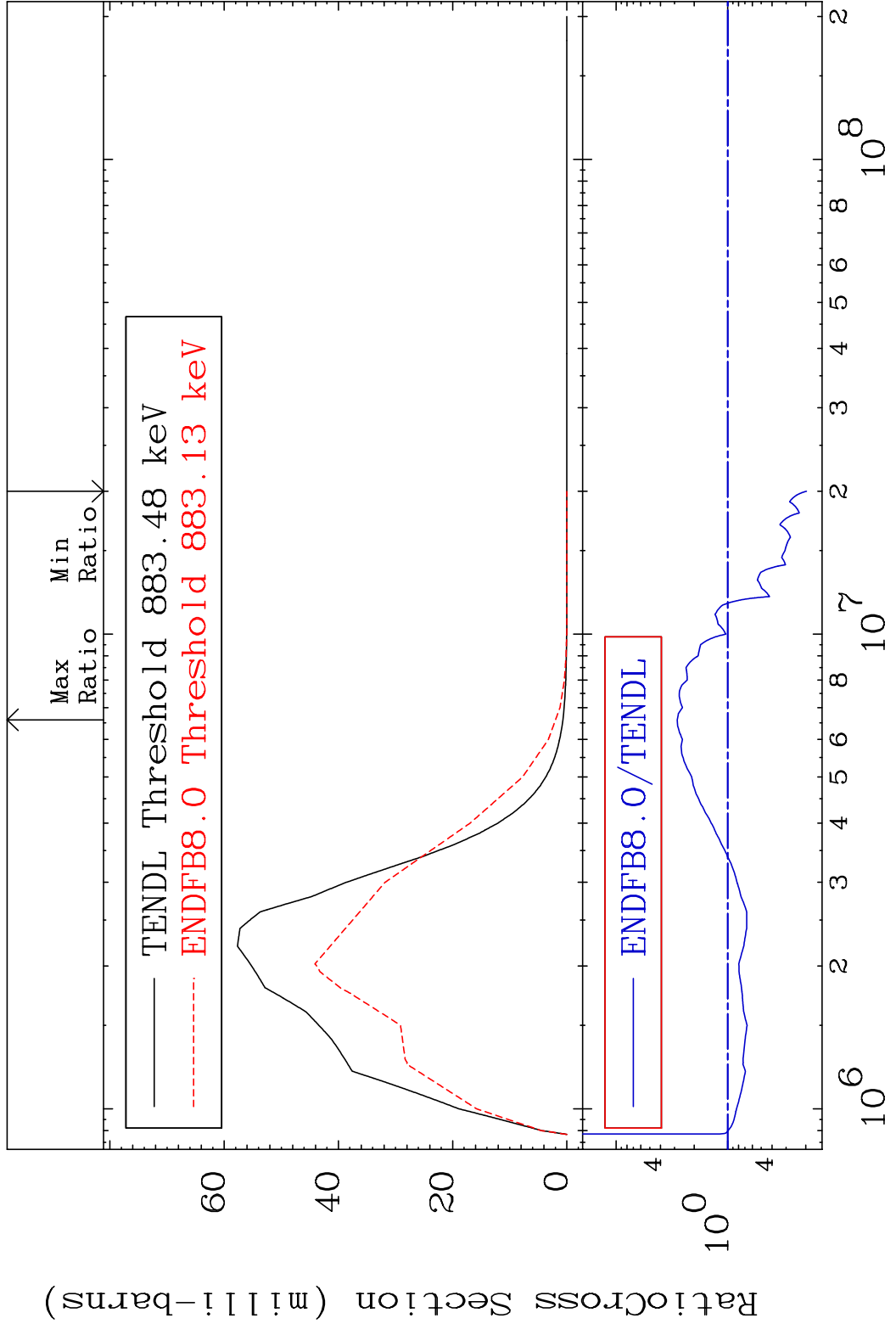




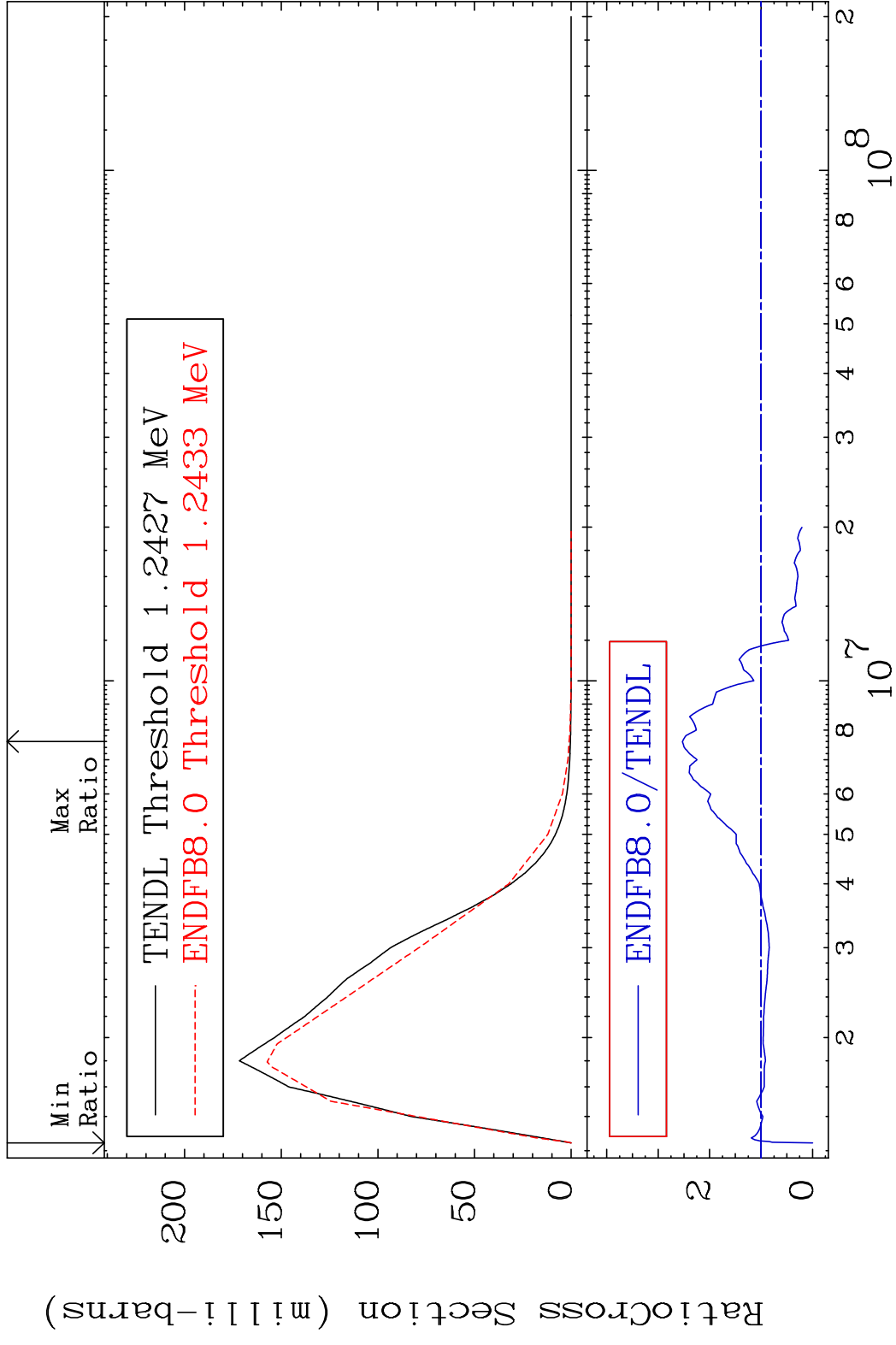
MAT 3834 MT= 51 (n, n') Level 38-Sr-87  
 Cross Section -80.23 To 175.3 %



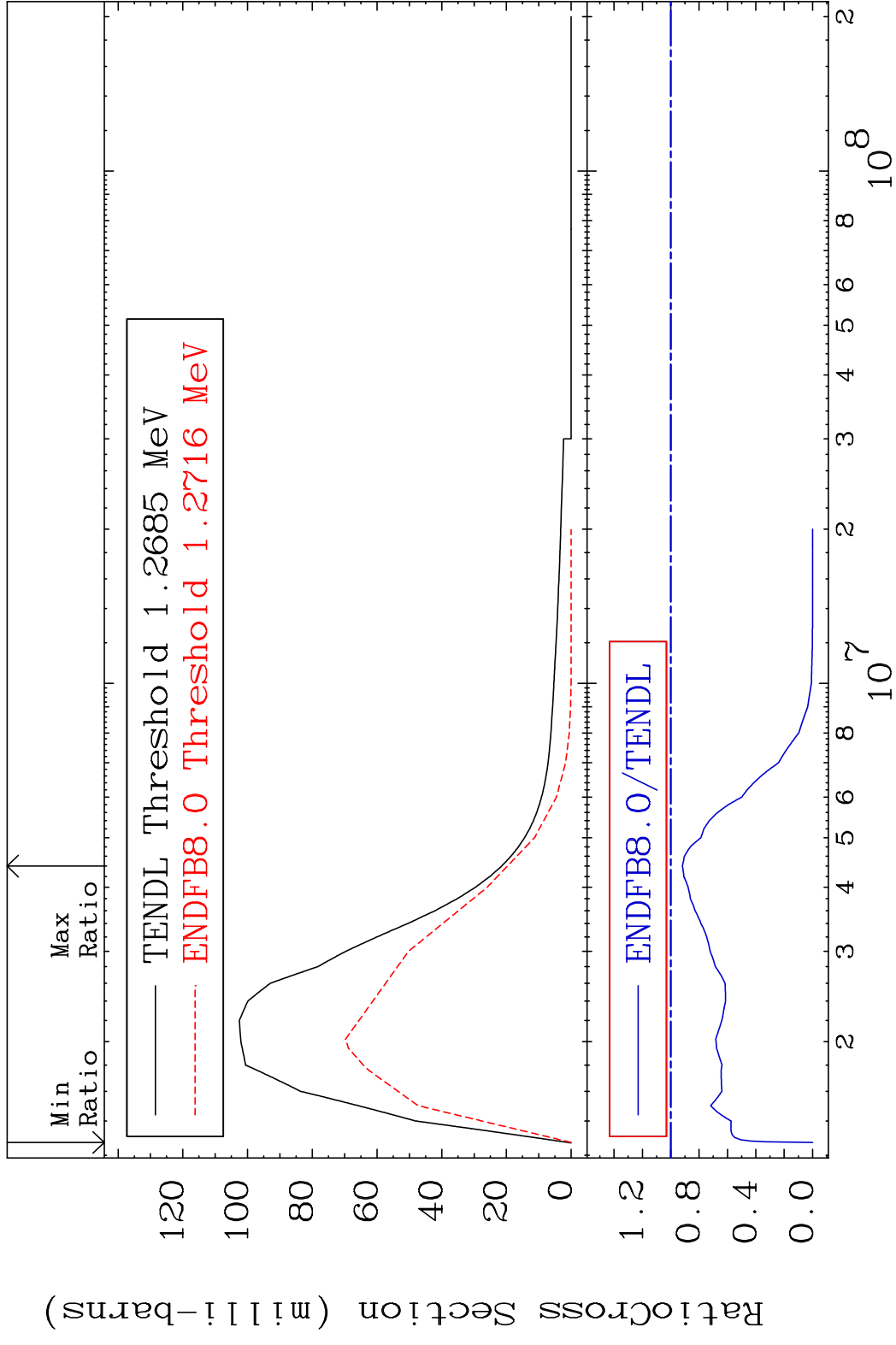
MAT 3834 MT= 52 (n, n') Level 38-Sr-87  
 Cross Section -80.29 To 183.7 %



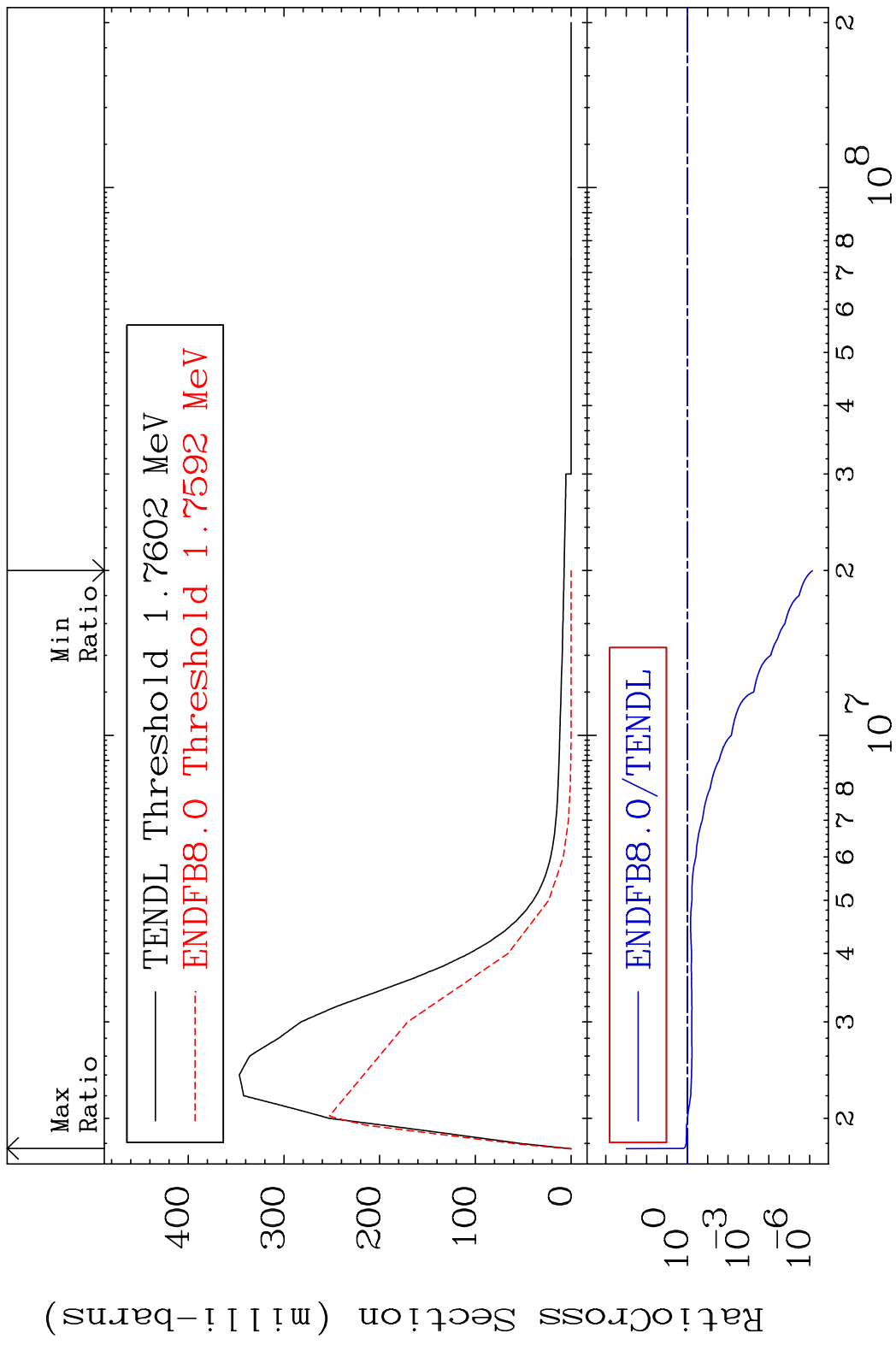
MAT 3834 MT= 53 (n, n') Level 38-Sr-87  
 Cross Section -100.0 To 153.0 %



MAT 3834 MT= 54 (n,n') Level 38-Sr-87  
 Cross Section -100.0 To -8.192%

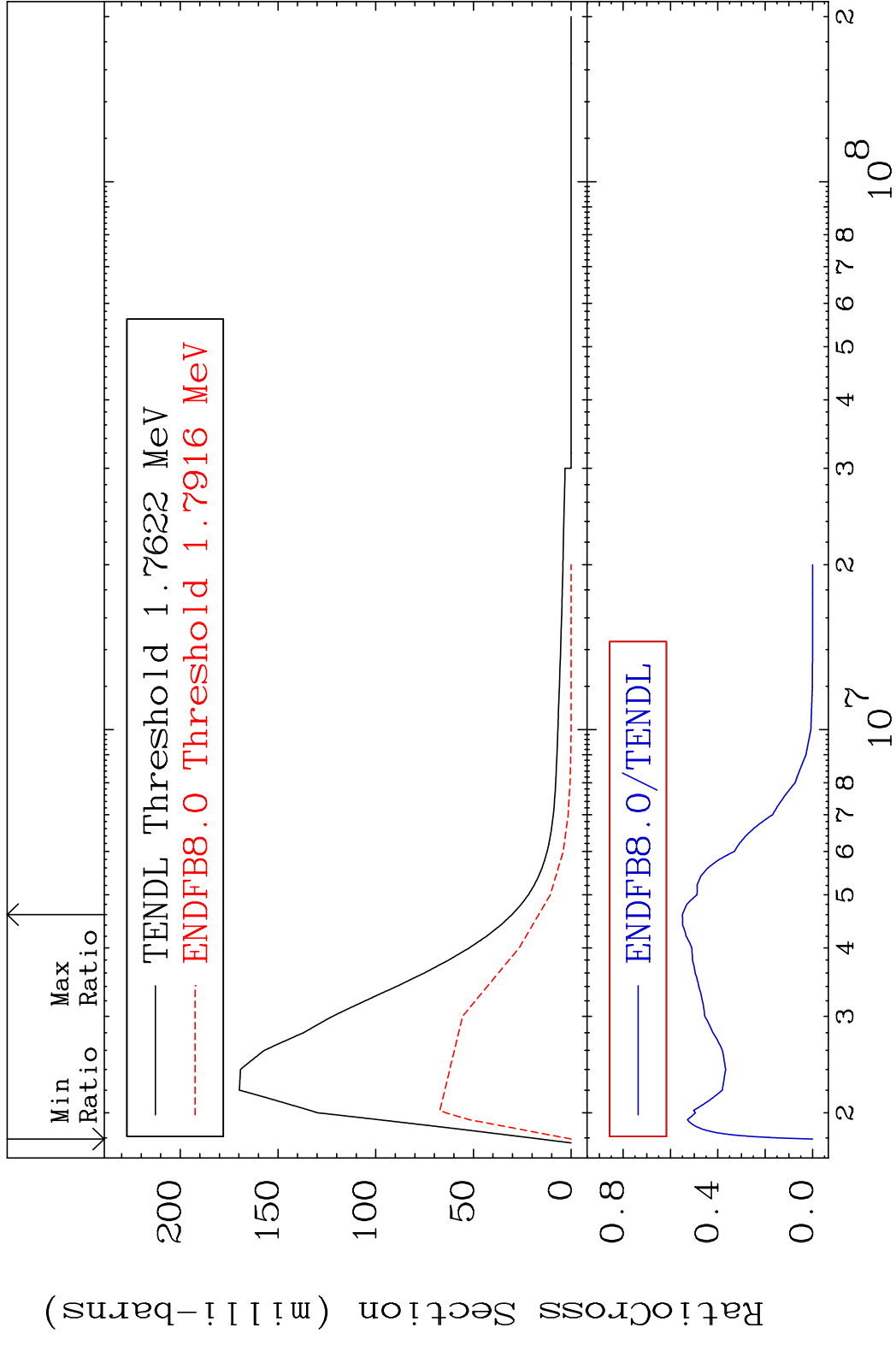


MAT 3834 MT= 55 (n, n') Level 38-Sr-87  
 Cross Section -100.0 To 75.76 %

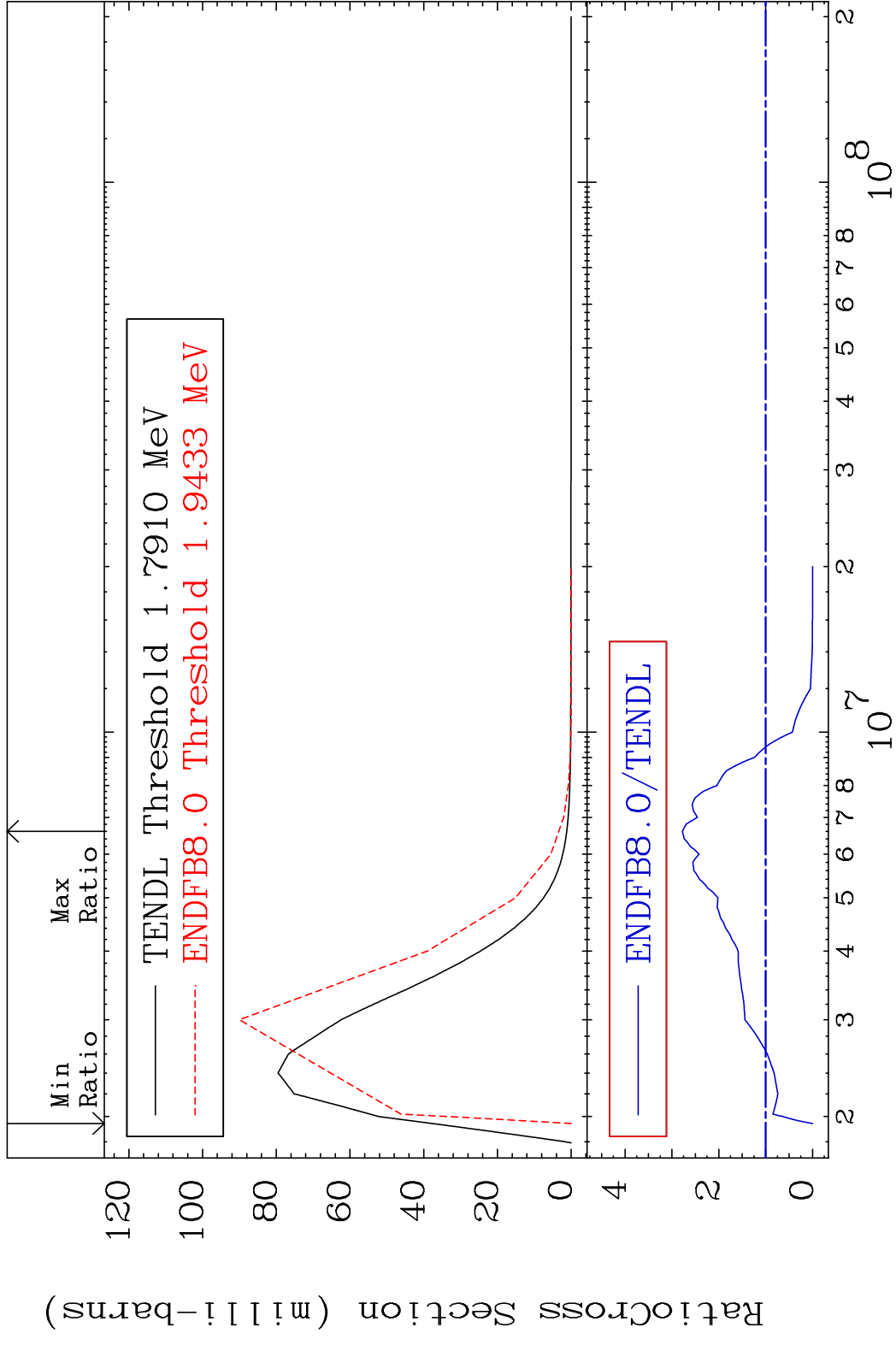


12 Incident Energy (eV) 38-Sr-87

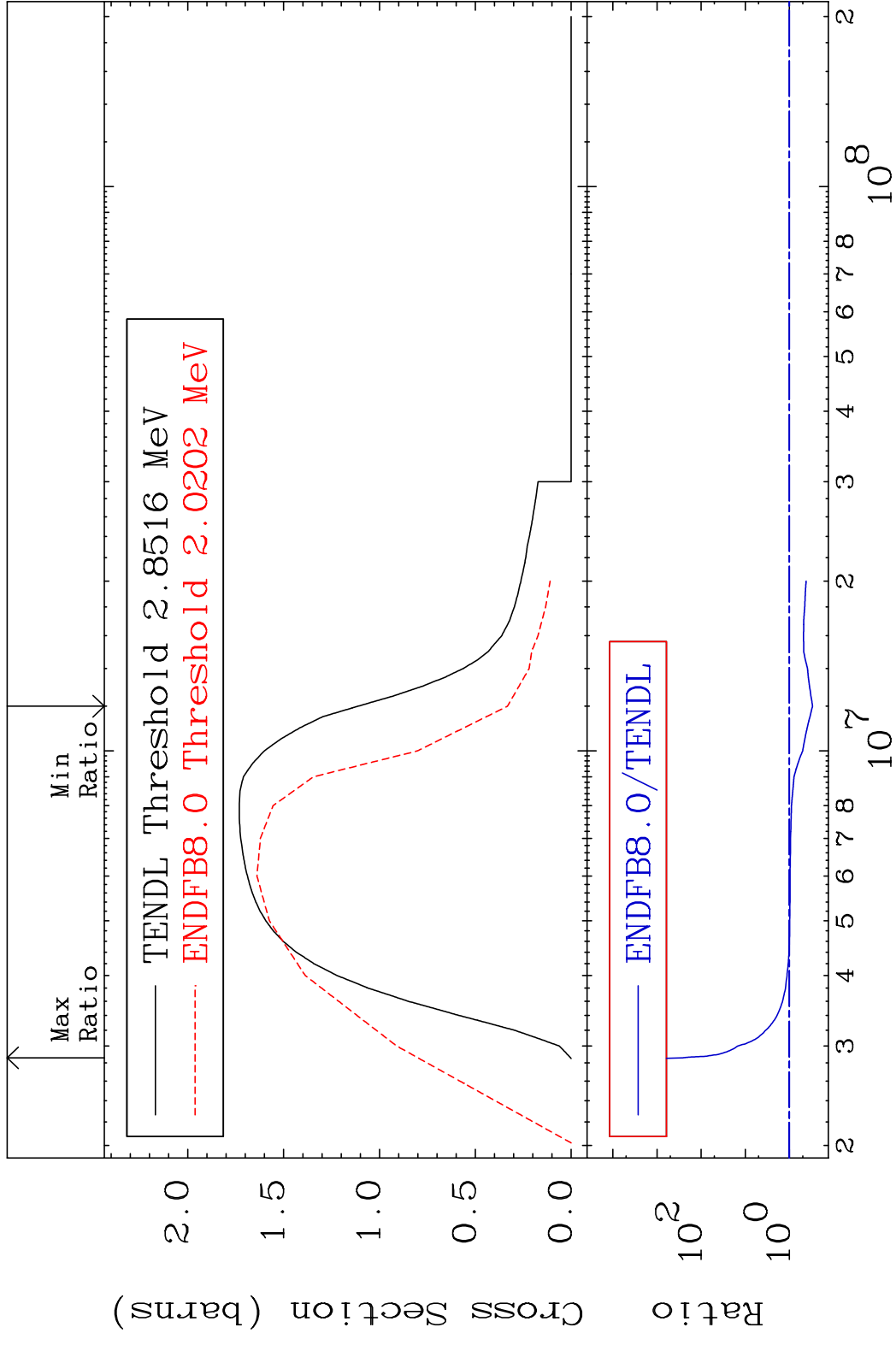
MAT 3834 MT= 56 (n,n') Level 38-Sr-87  
 Cross Section -100.0 To -45.02%



MAT 3834 MT= 57 (n, n') Level 38-Sr-87  
 Cross Section -100.0 To 177.7 %



MAT 3834 (n,n') Continuum 38-Sr-87  
 Cross Section -70.10 To 9999. %



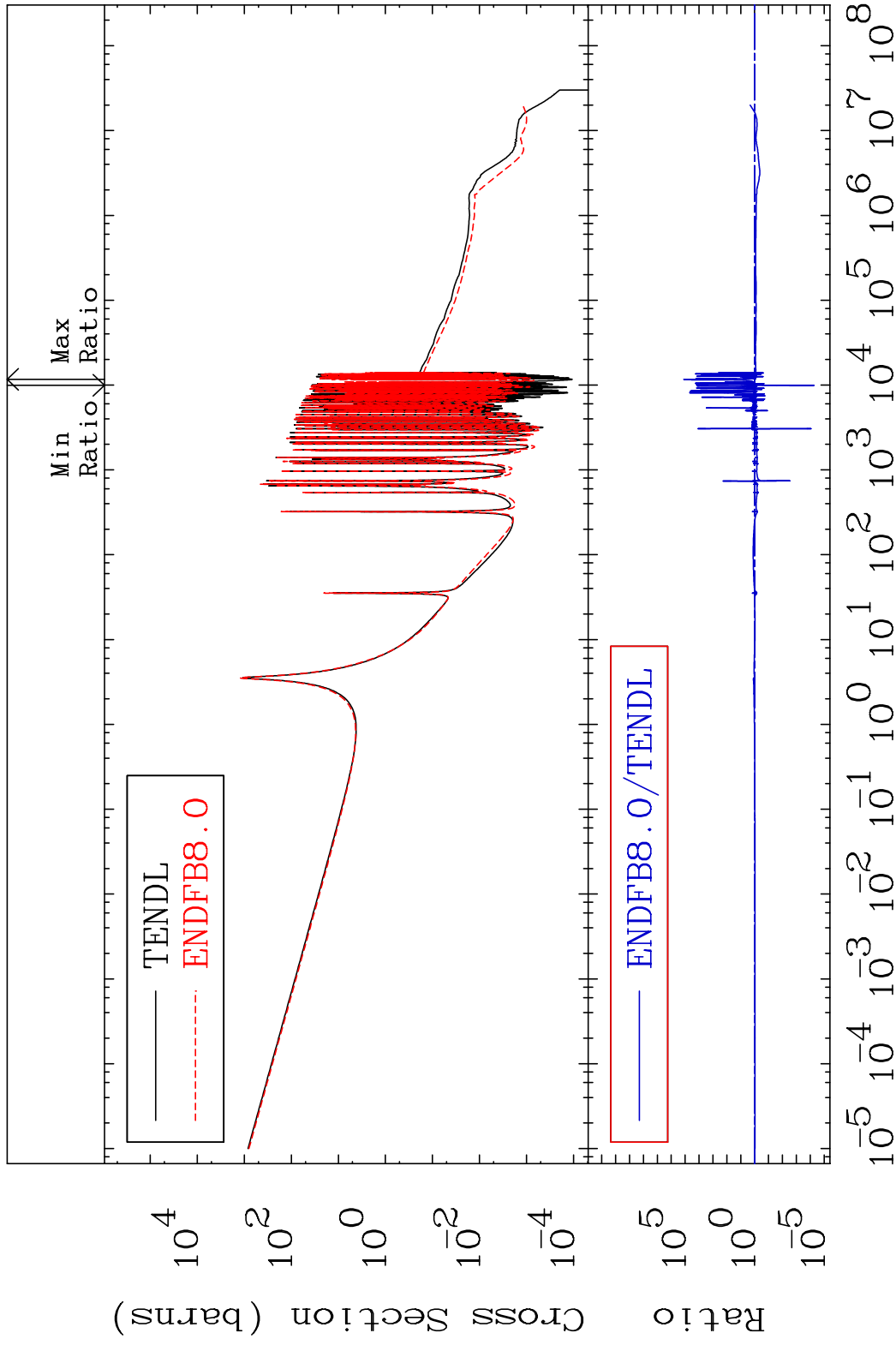


MAT 3834

(n,  $\gamma$ )

38-Sr-87

Cross Section -99.99 To 9999. %



16

Incident Energy (eV)

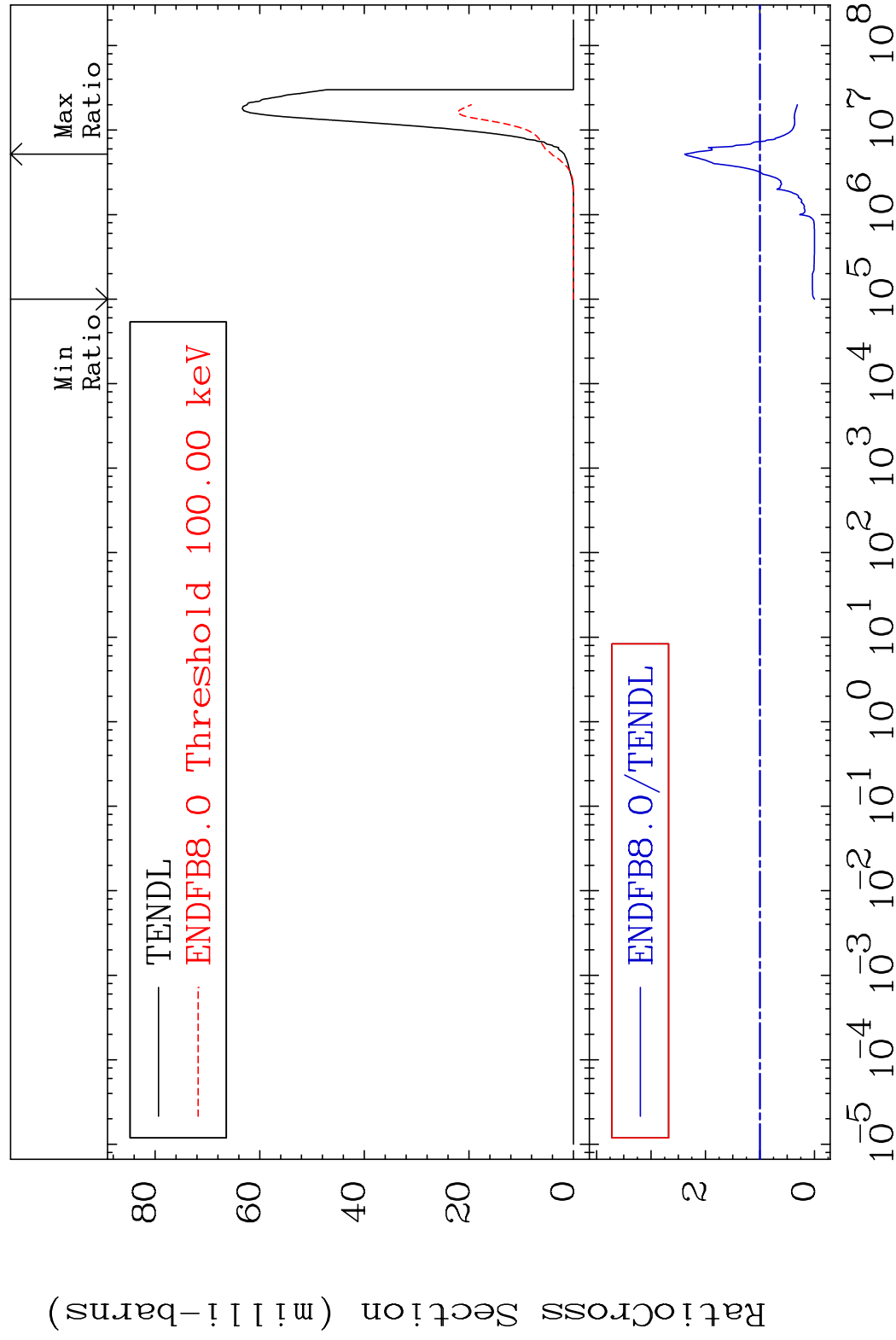
38-Sr-87

MAT 3834

(n, p)

38-Sr-87

Cross Section -100.0 To 138.6 %

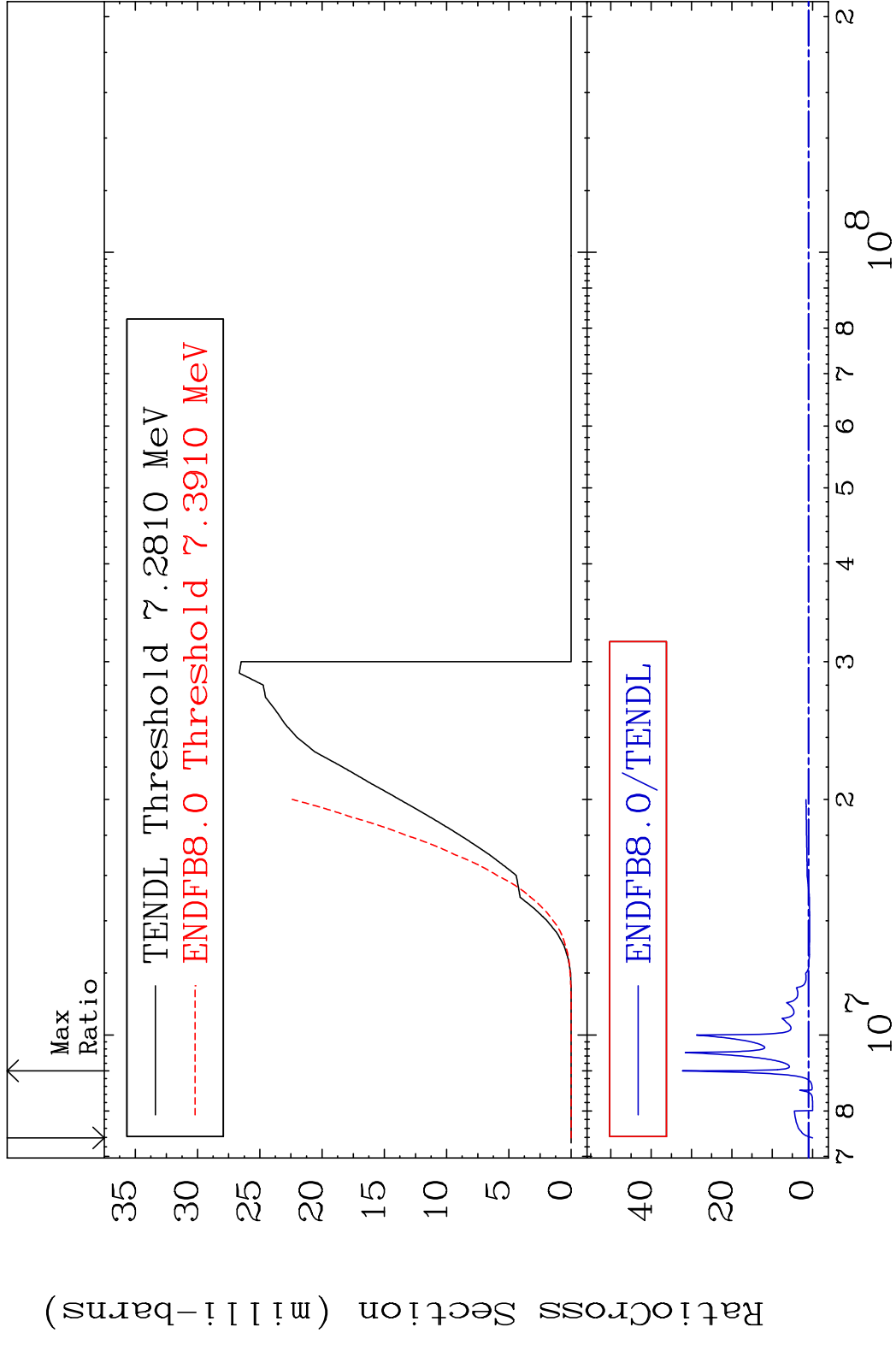


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Incident Energy (eV)

38-Sr-87

MAT 3834 (n,d) 38-Sr-87  
 Cross Section -100.0 To 3127. %

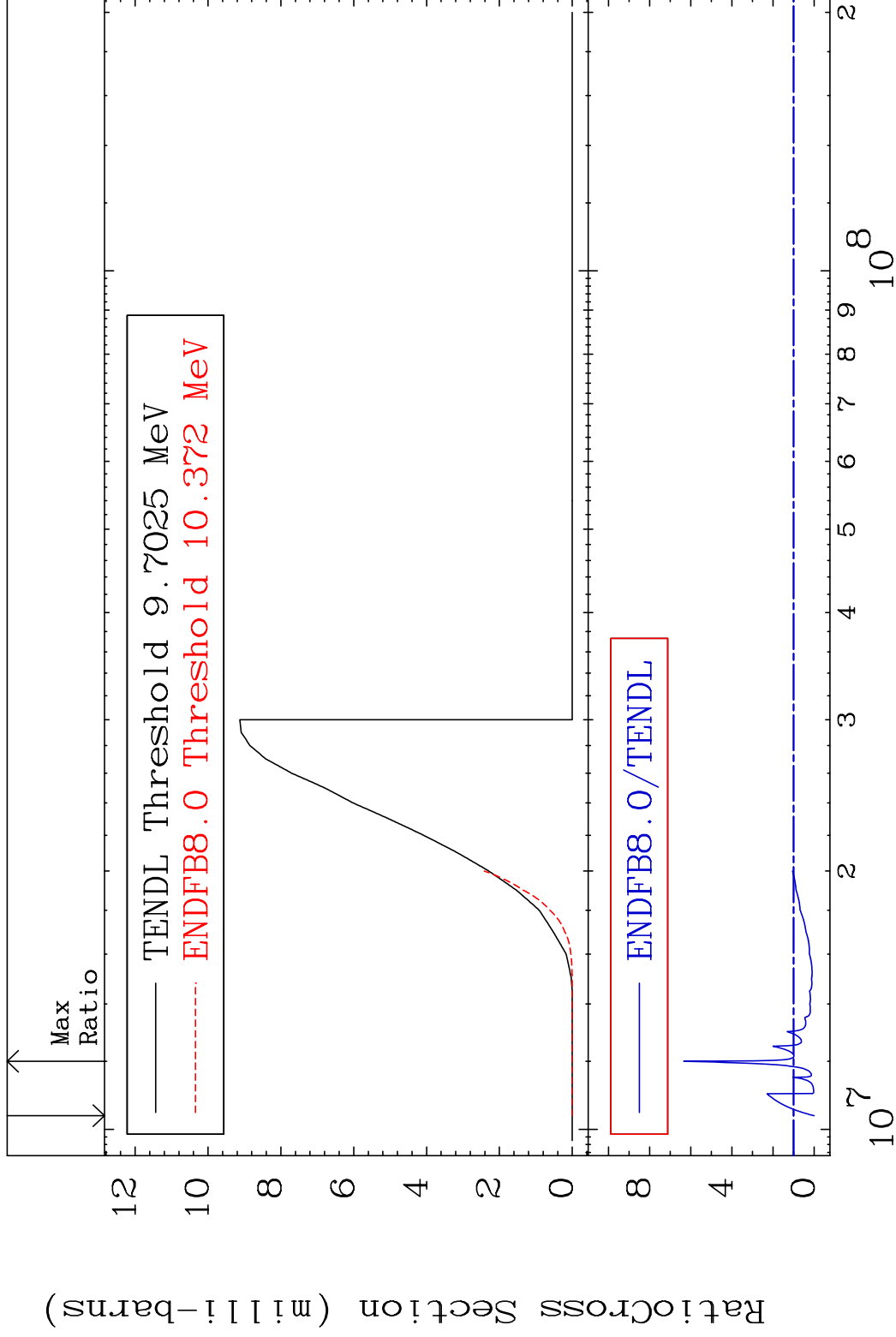


MAT 3834

(n, t)

38-Sr-87

Cross Section -100.0 To 534.6 %



19

Incident Energy (eV)

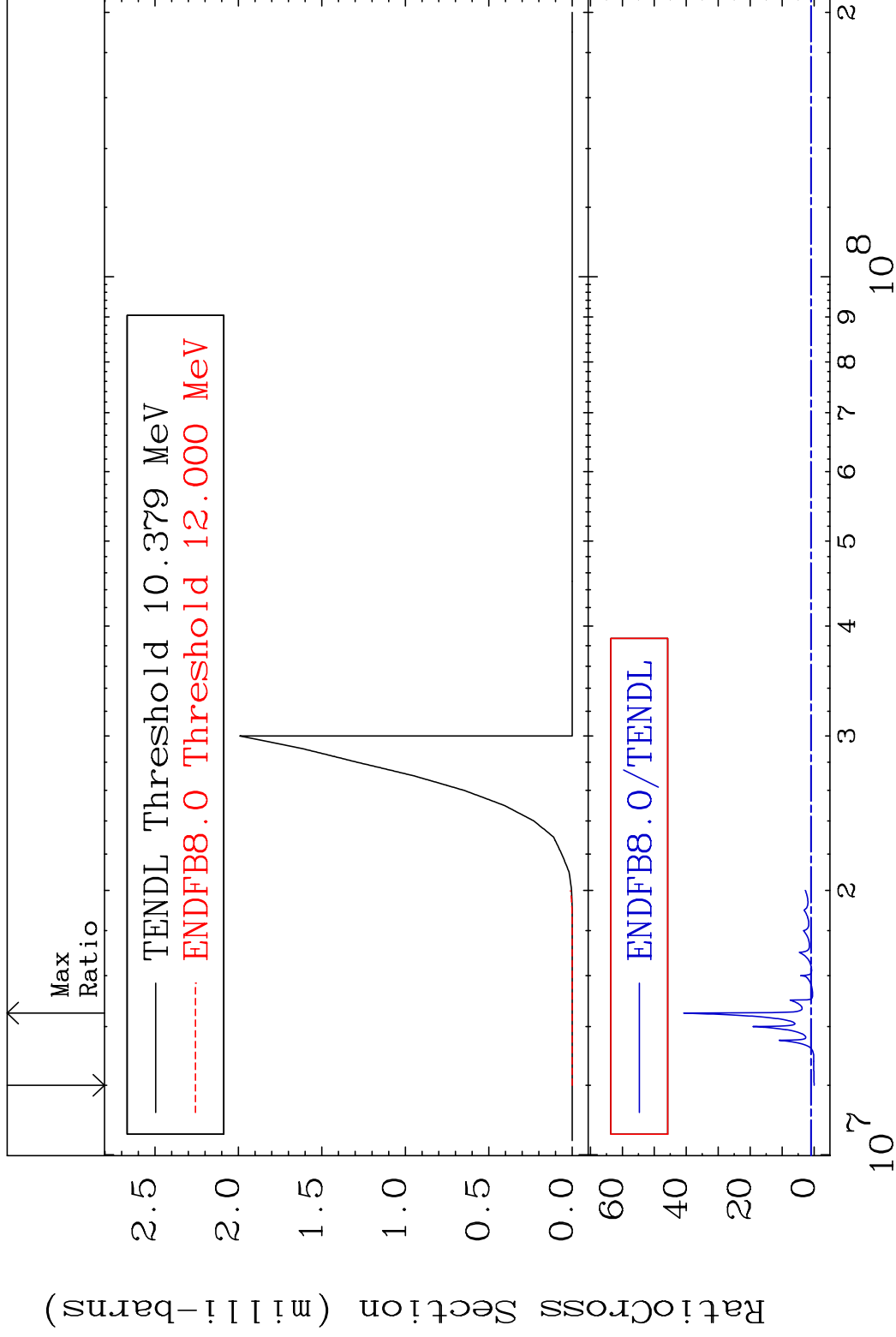
38-Sr-87

MAT 3834

(n, He-3)

38-Sr-87

Cross Section -100.0 To 3982. %



20

Incident Energy (eV)

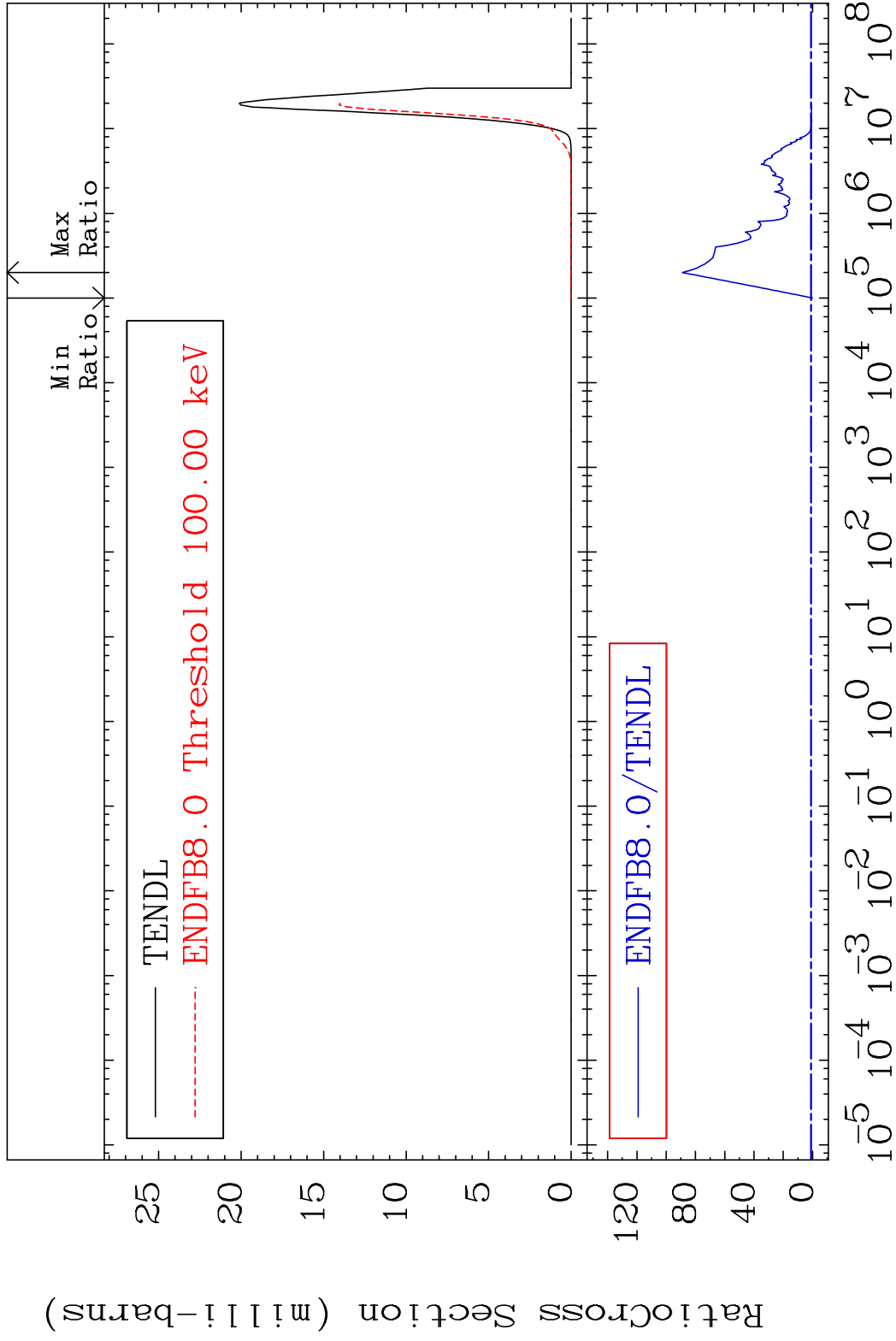
38-Sr-87

MAT 3834

(n,  $\alpha$ )

38-Sr-87

Cross Section -100.0 To 8796. %



21

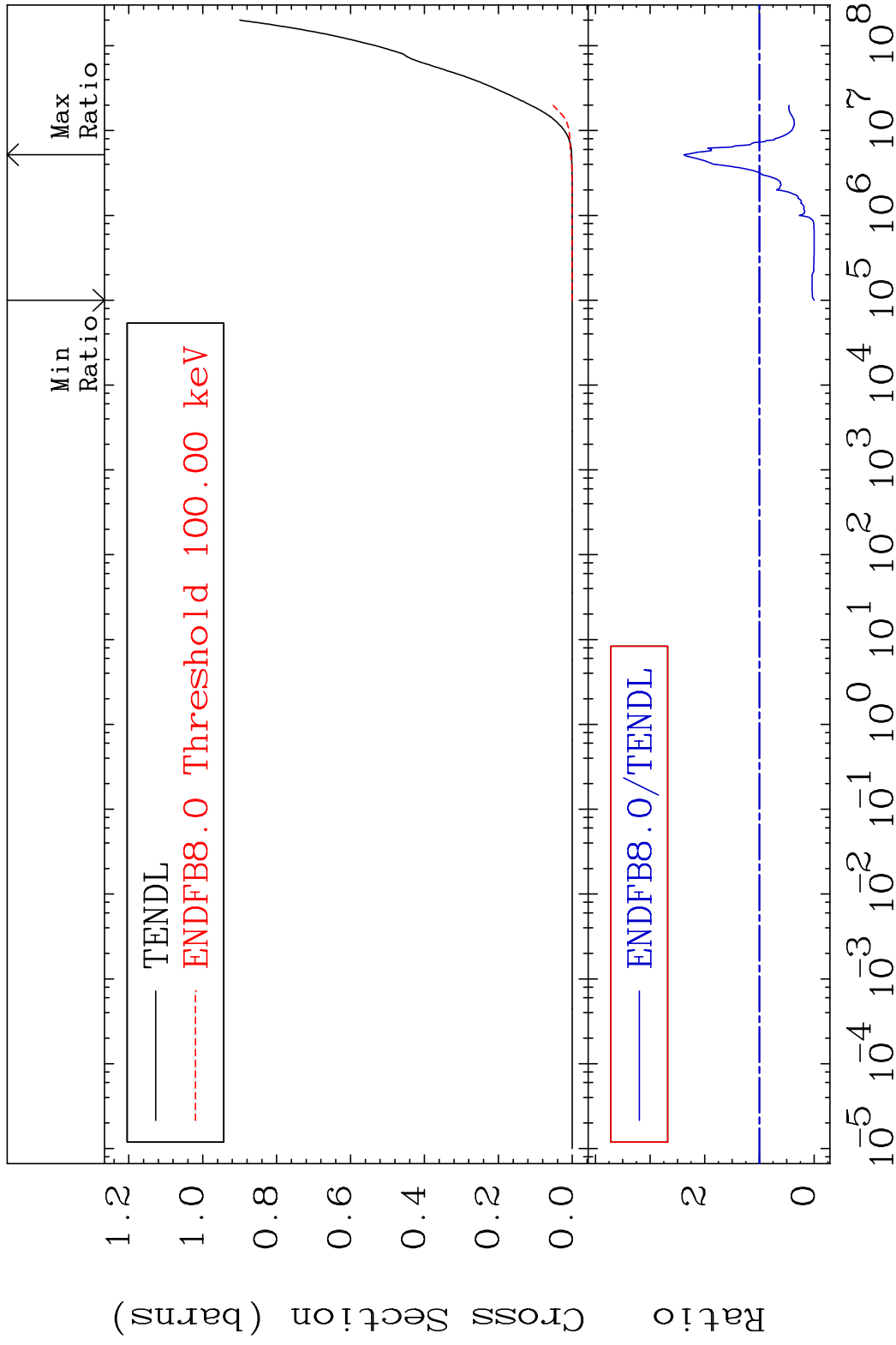
Incident Energy (eV)

38-Sr-87

MAT 3834

Hydrogen Production 38-Sr-87

Cross Section -100.0 To 138.6 %

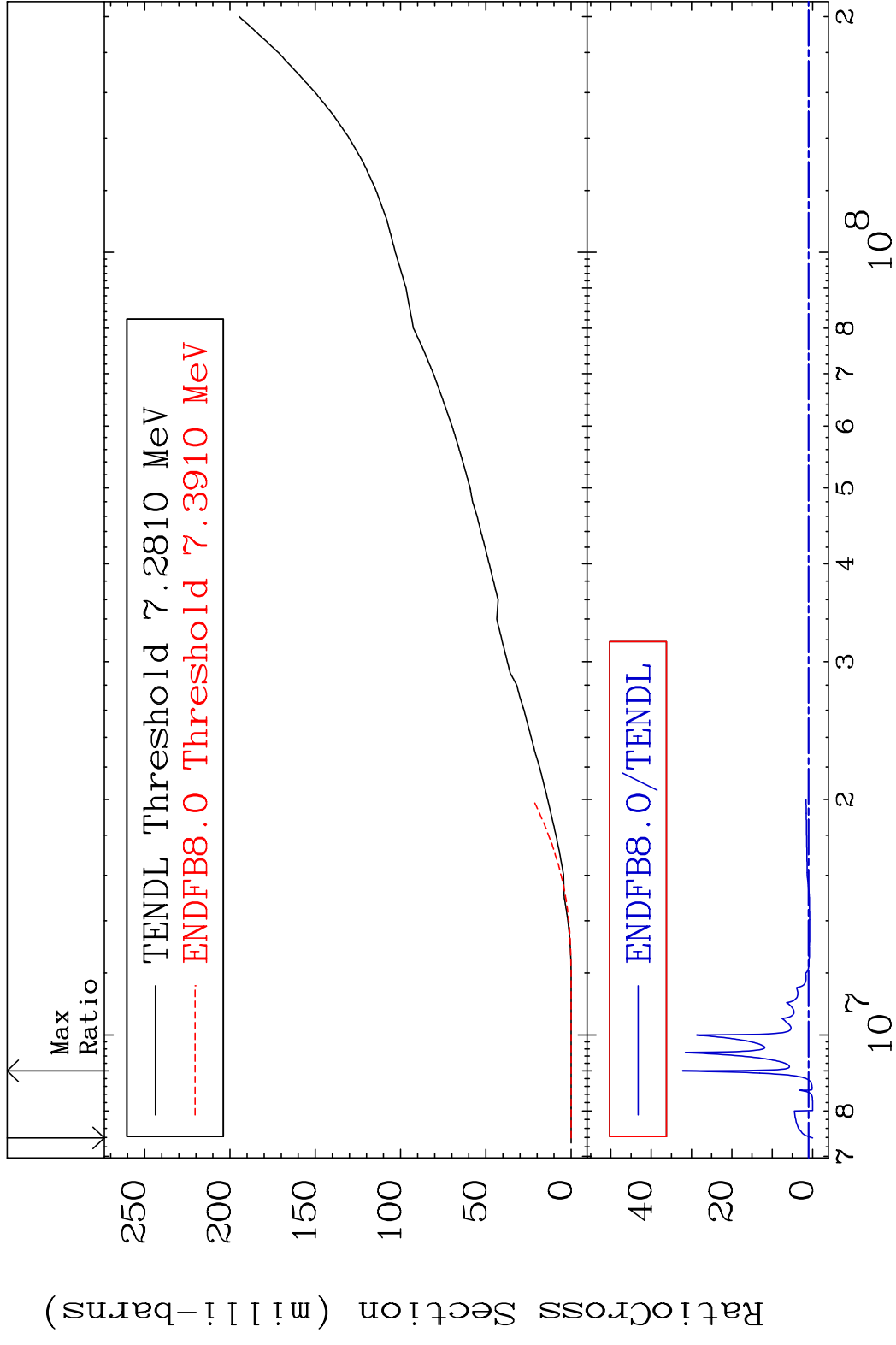


22

Incident Energy (eV)

38-Sr-87

MAT 3834 Deuterium Production 38-Sr-87  
 Cross Section -100.0 To 3127. %



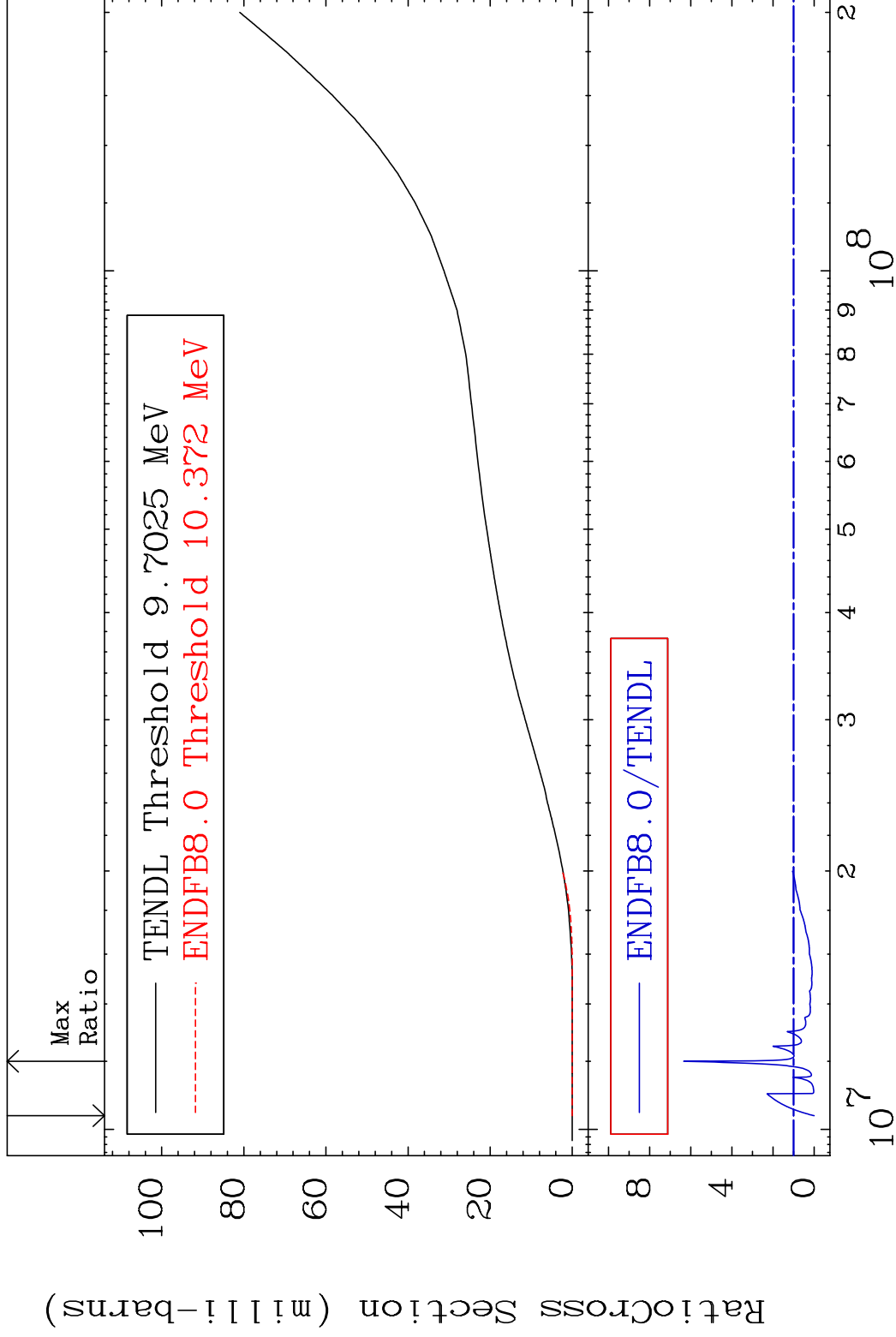


MAT 3834

Tritium Production

38-Sr-87

Cross Section -100.0 To 534.6 %



24

Incident Energy (eV)

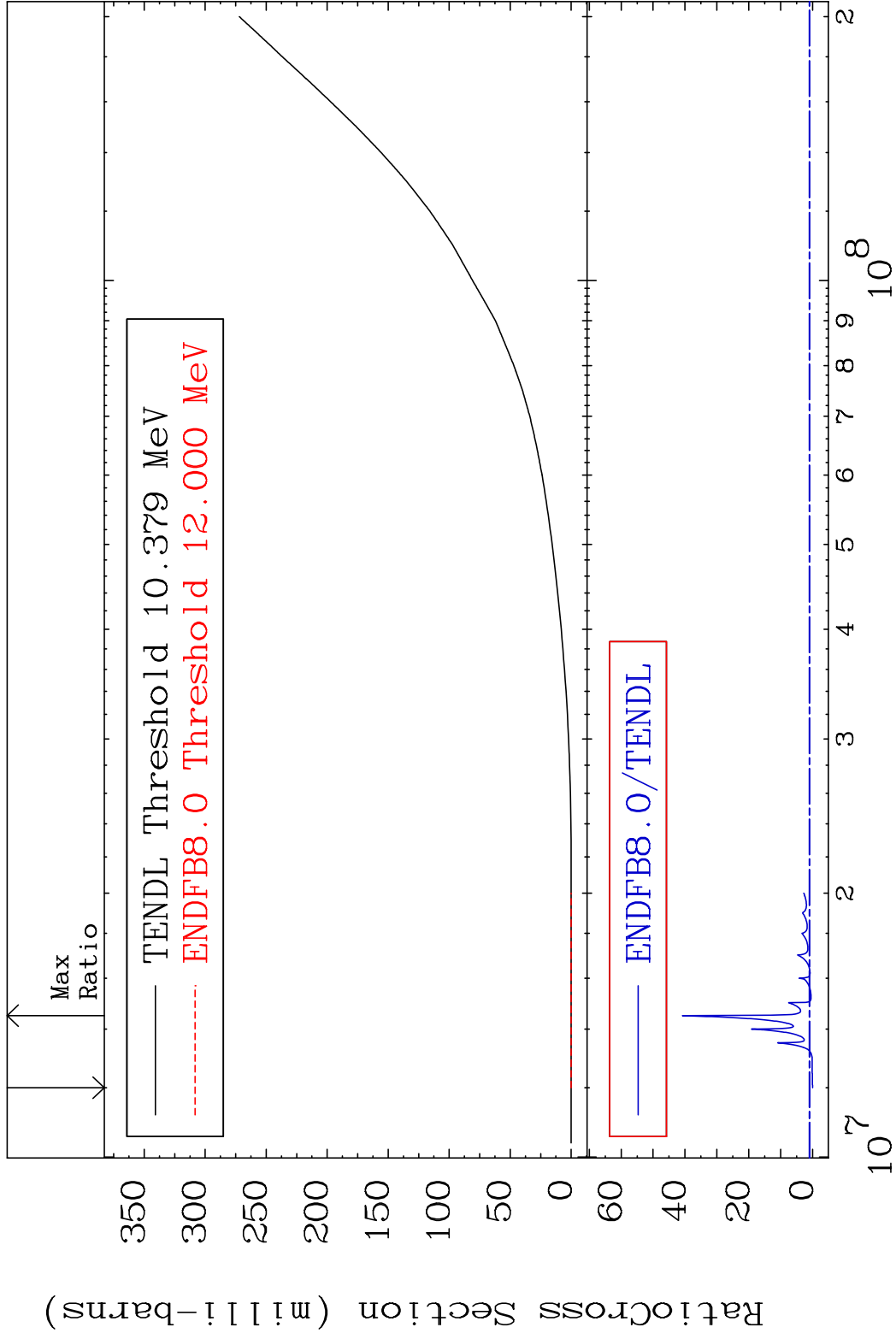
38-Sr-87

MAT 3834

He-3 Production

38-Sr-87

Cross Section -100.0 To 3982. %



25

Incident Energy (eV)

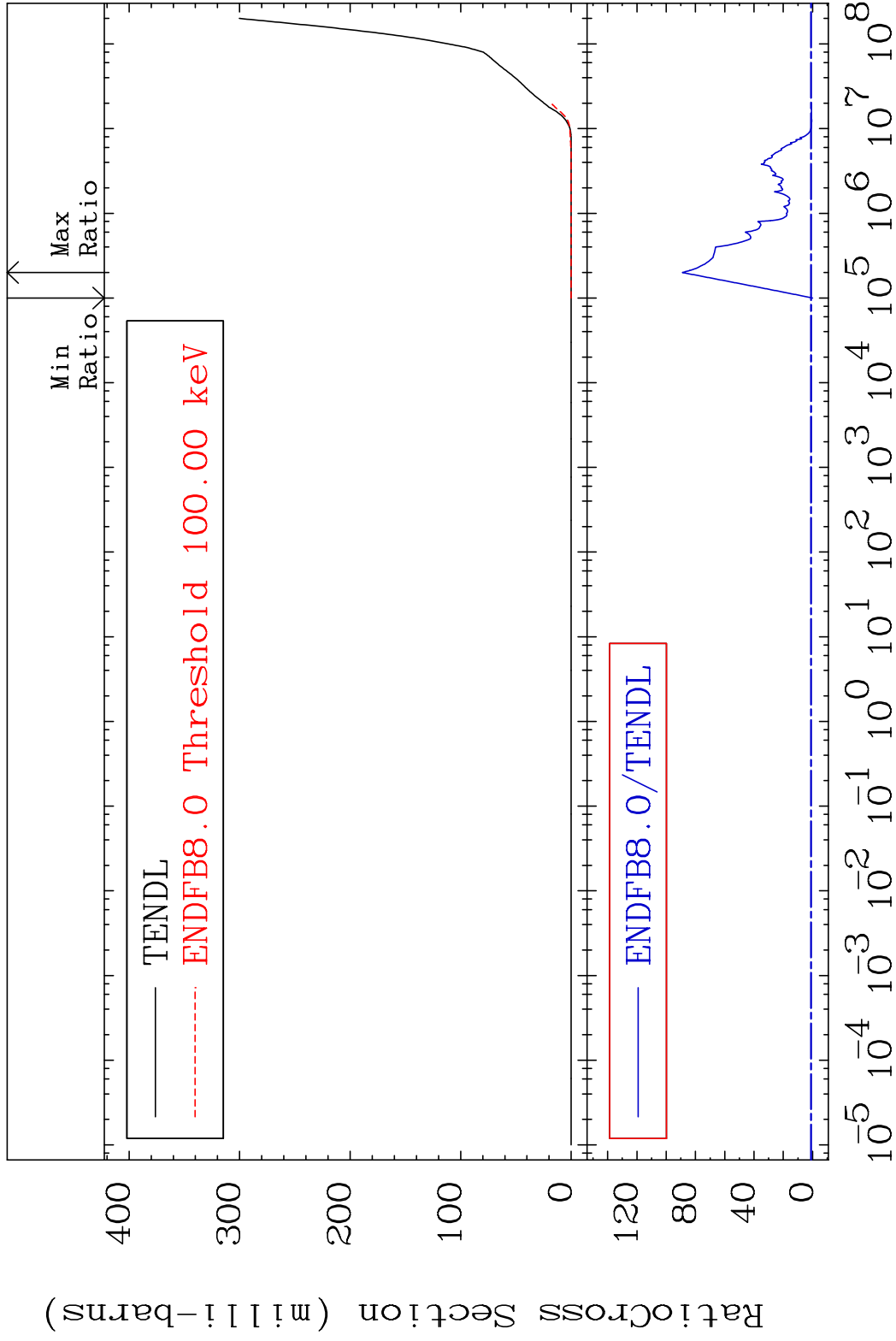
38-Sr-87

MAT 3834

He-4 Production

38-Sr-87

Cross Section -100.0 To 8796. %

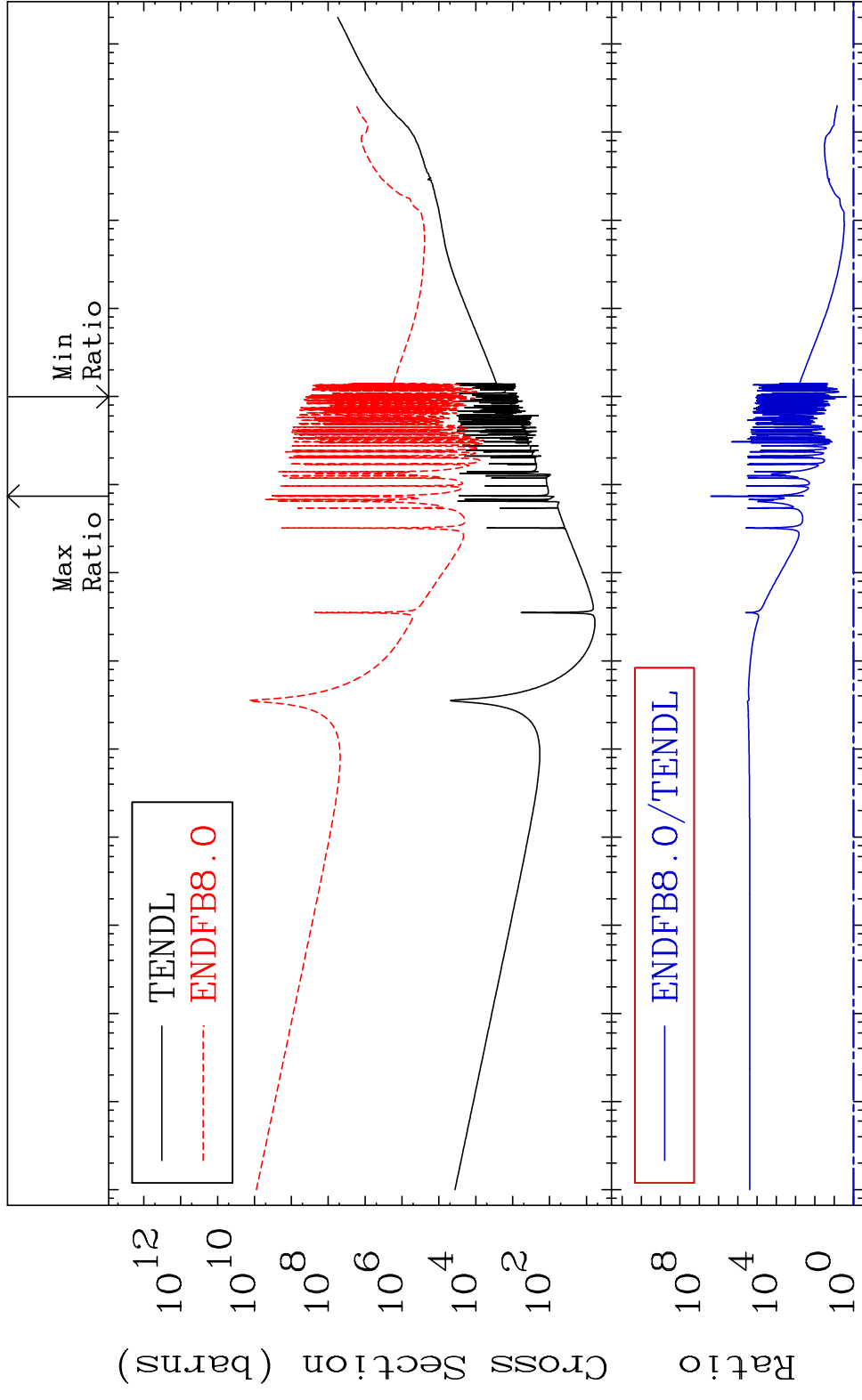


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Incident Energy (eV)

38-Sr-87

MAT 3834 Kerma total (eV-barns) 38-Sr-87  
 Cross Section 134.3 To 9999. %



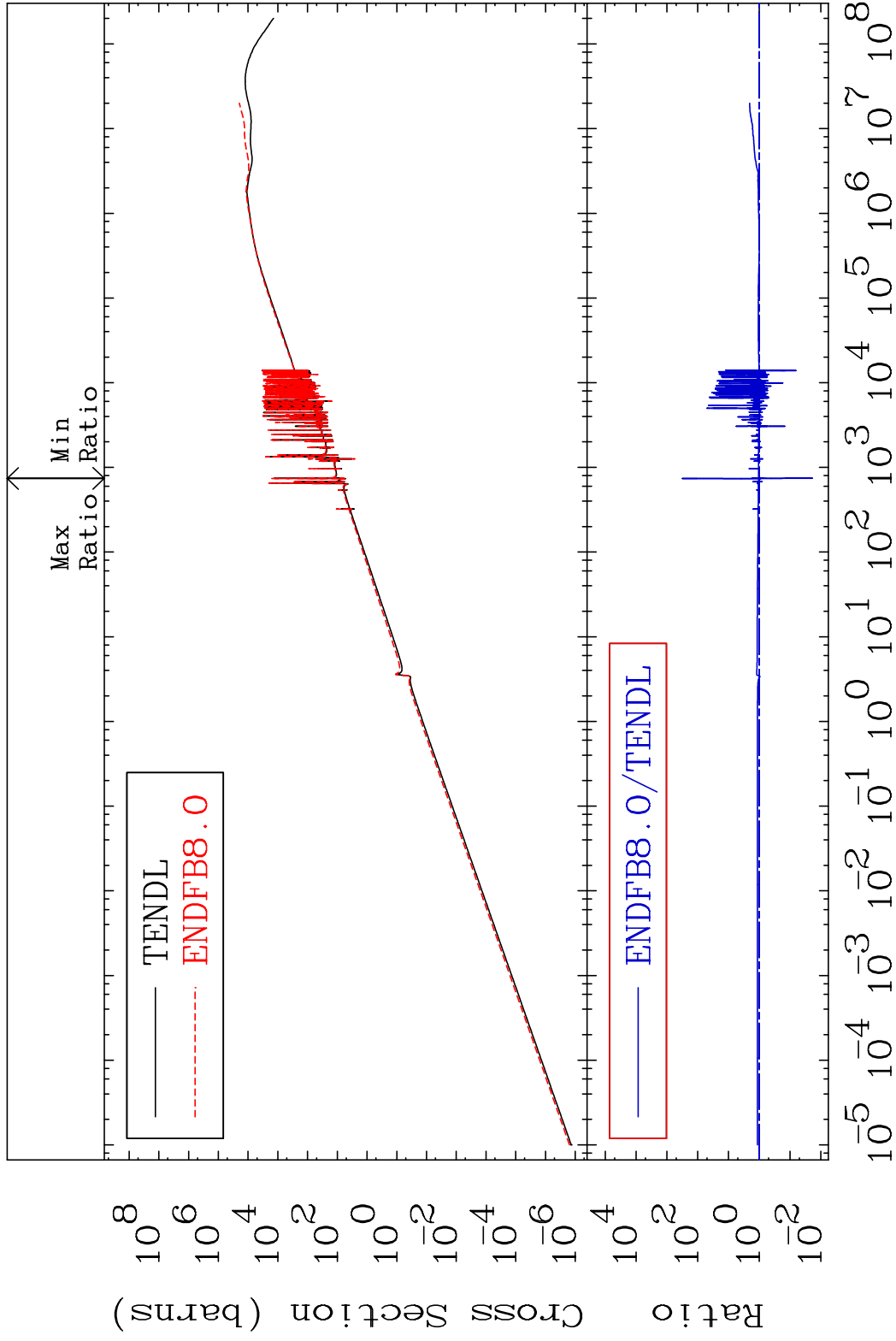
MAT 3834

Kerma elastic

38-Sr-87

Cross Section

-98.15 To 9999. %

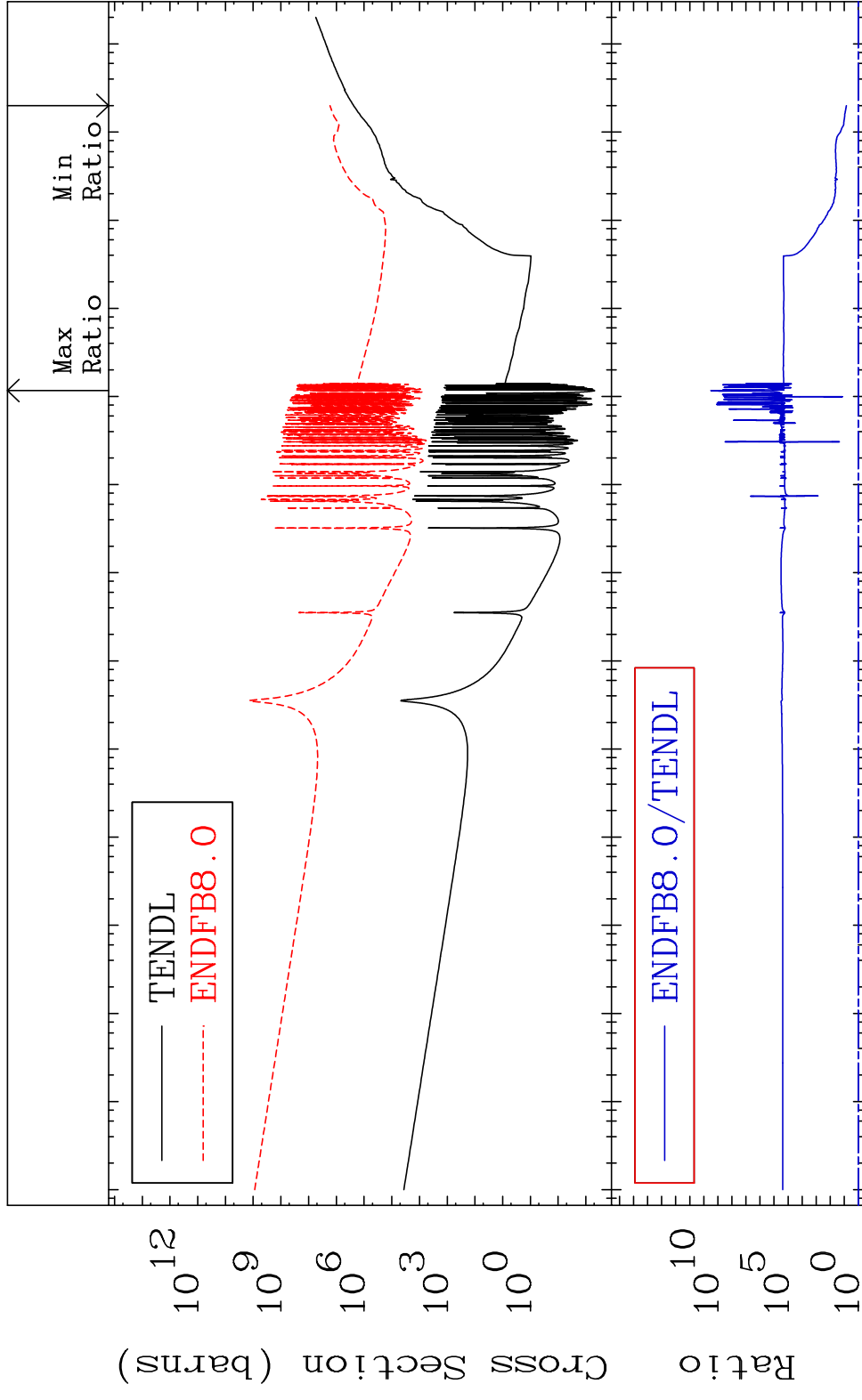


28

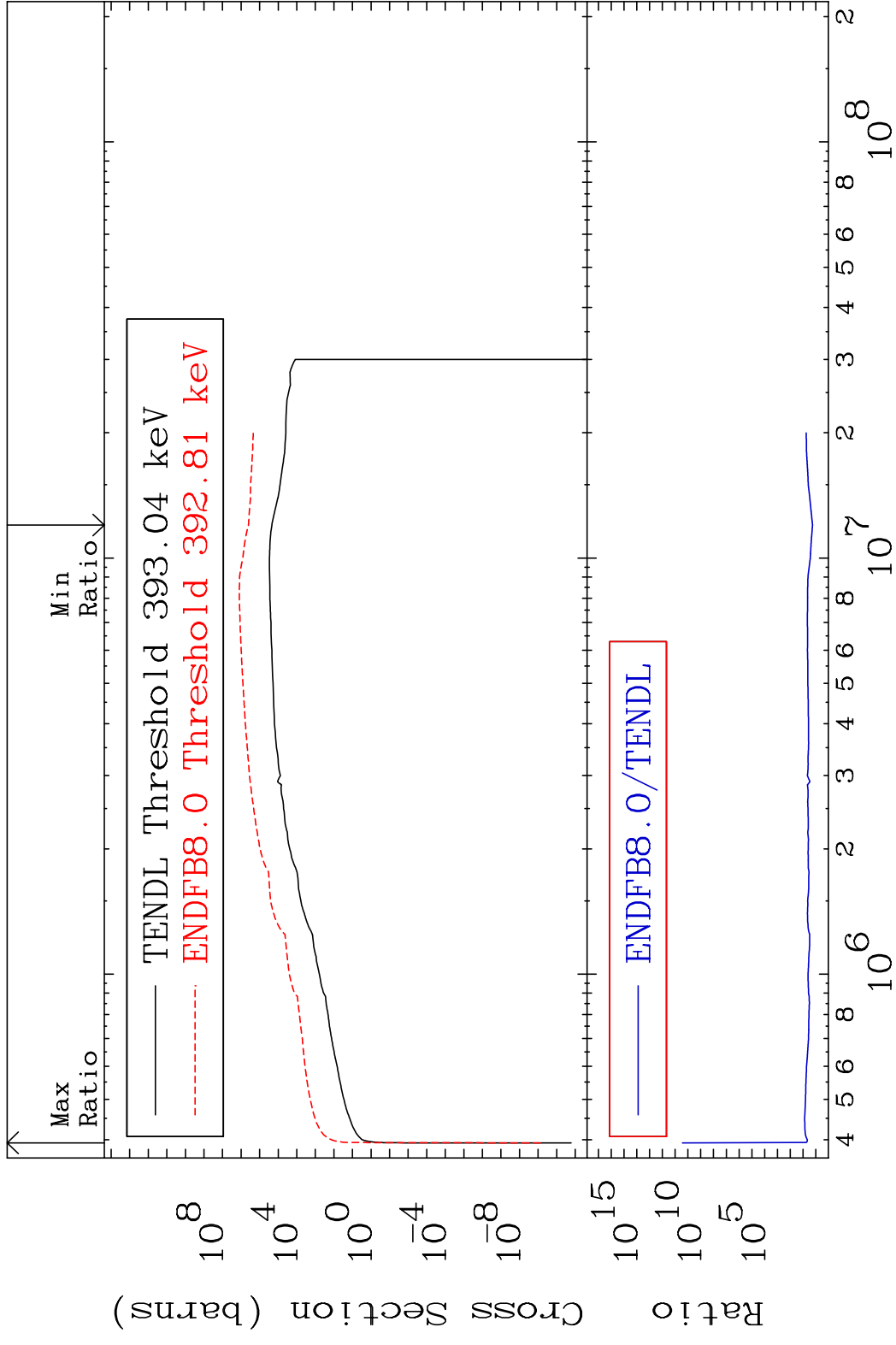
Incident Energy (eV)

38-Sr-87

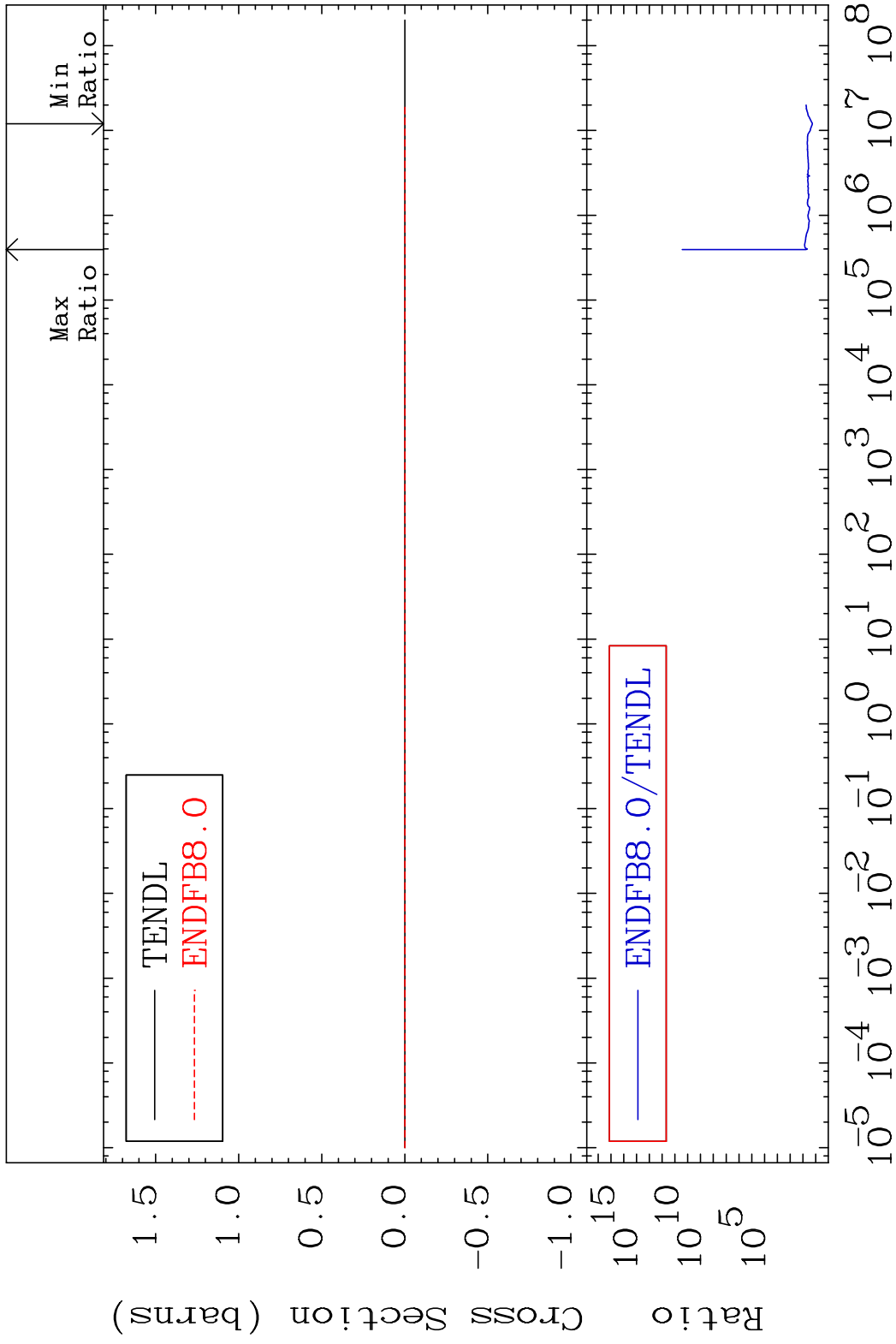
MAT 3834 Kerma non-elastic (all but mt2) 38-Sr-87  
 Cross Section 613.8 To 9999. %



MAT 3834 Kerma inelastic (mt51-91) 38-Sr-87  
 Cross Section 1709. To 9999. %

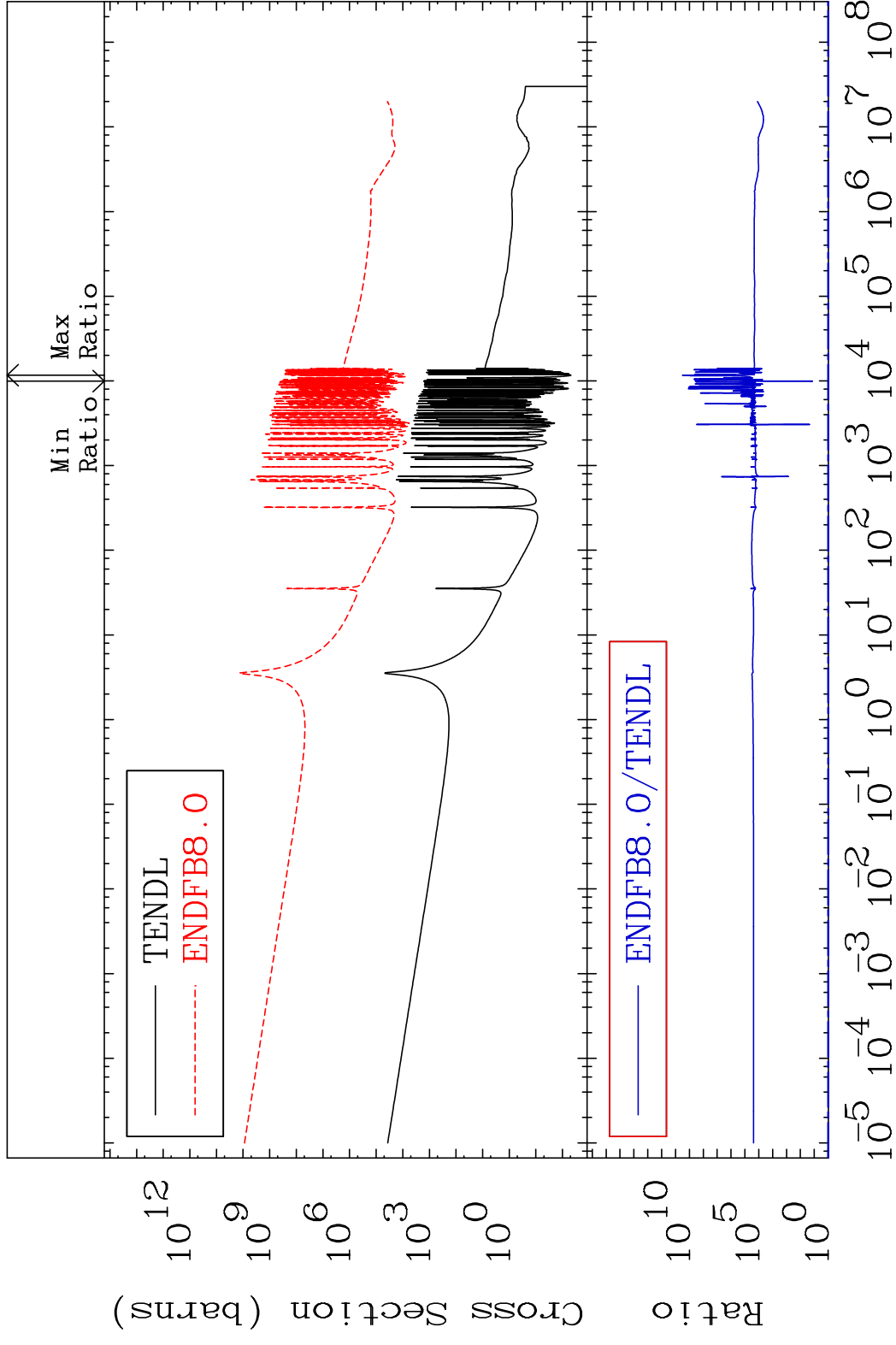


MAT 3834 Kerma fission (mt18 or mt19-20-21-38) 38-Sr-87  
 Cross Section 1709. To 9999. %



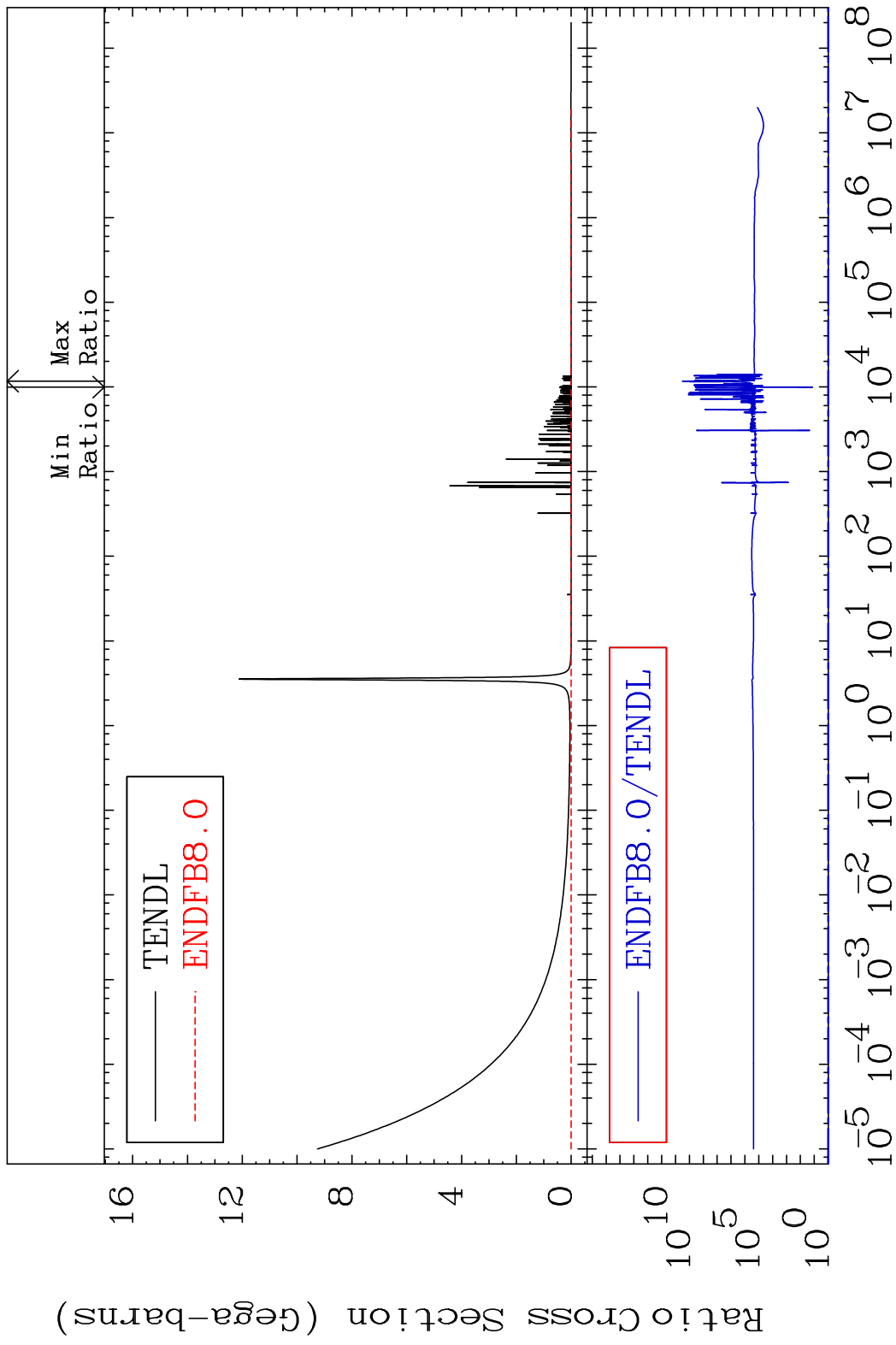


MAT 3834 Kerma capture (mt102) 38-Sr-87  
 Cross Section 1231. To 9999. %

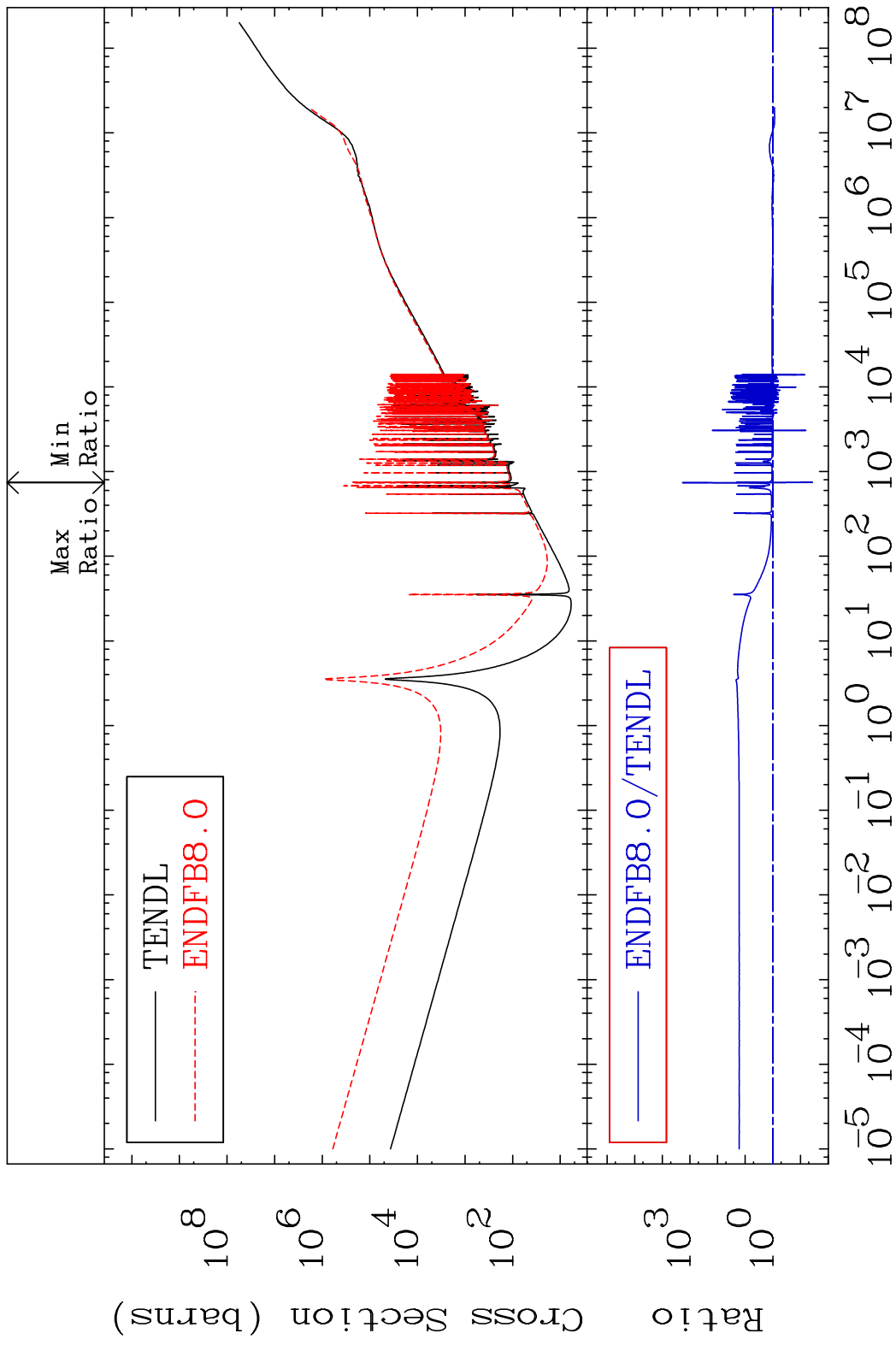


32 Incident Energy (eV) 38-Sr-87

MAT 3834 Total photon (eV-barns) 38-Sr-87  
 Cross Section 1231. To 9999. %



MAT 3834 Total kinematic kerma (high limit) 38-Sr-87  
 Cross Section -96.35 To 9999. %

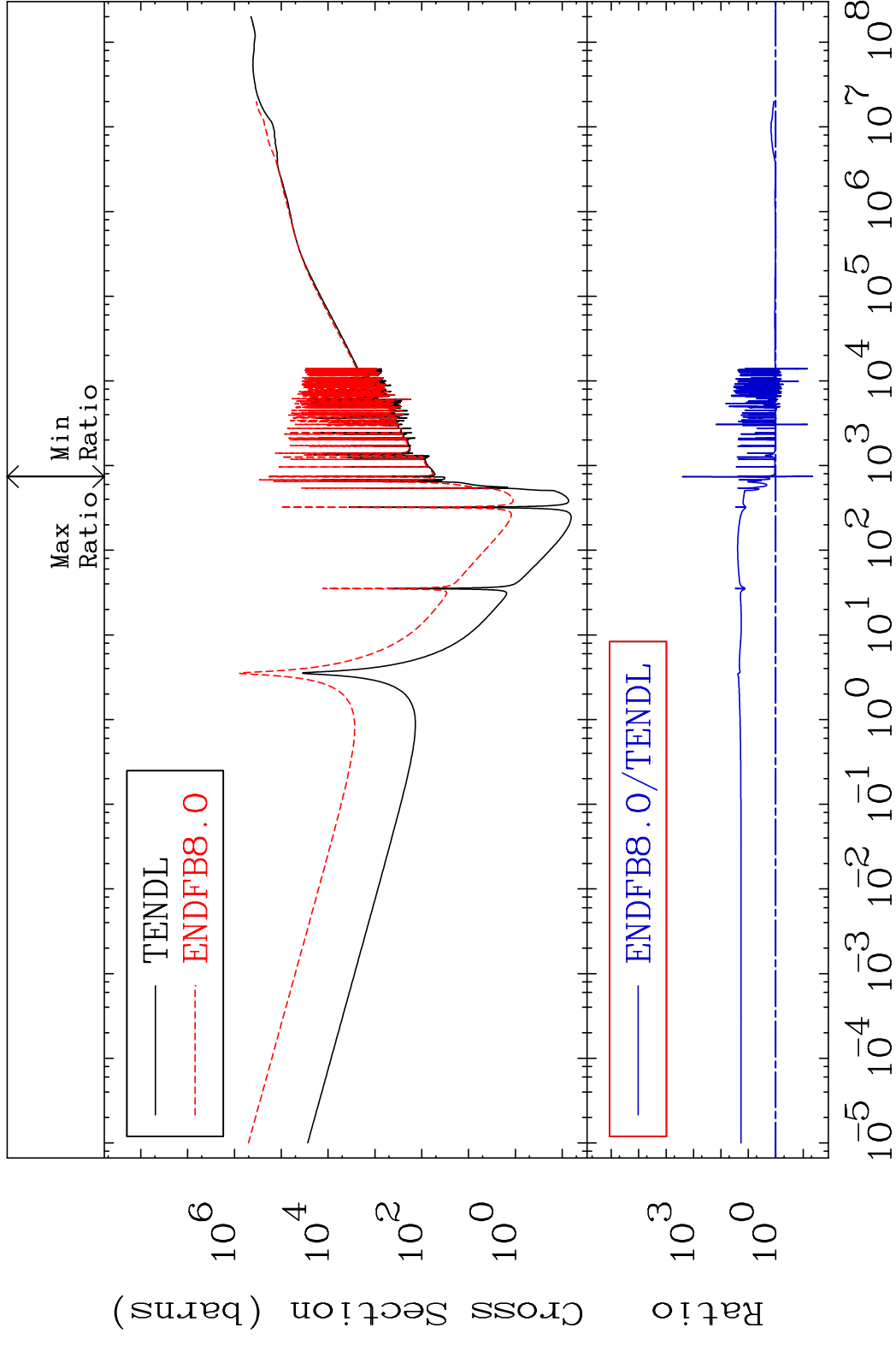


MAT 3834

Dpa total (eV-barns)

38-Sr-87

Cross Section -95.45 To 9999. %

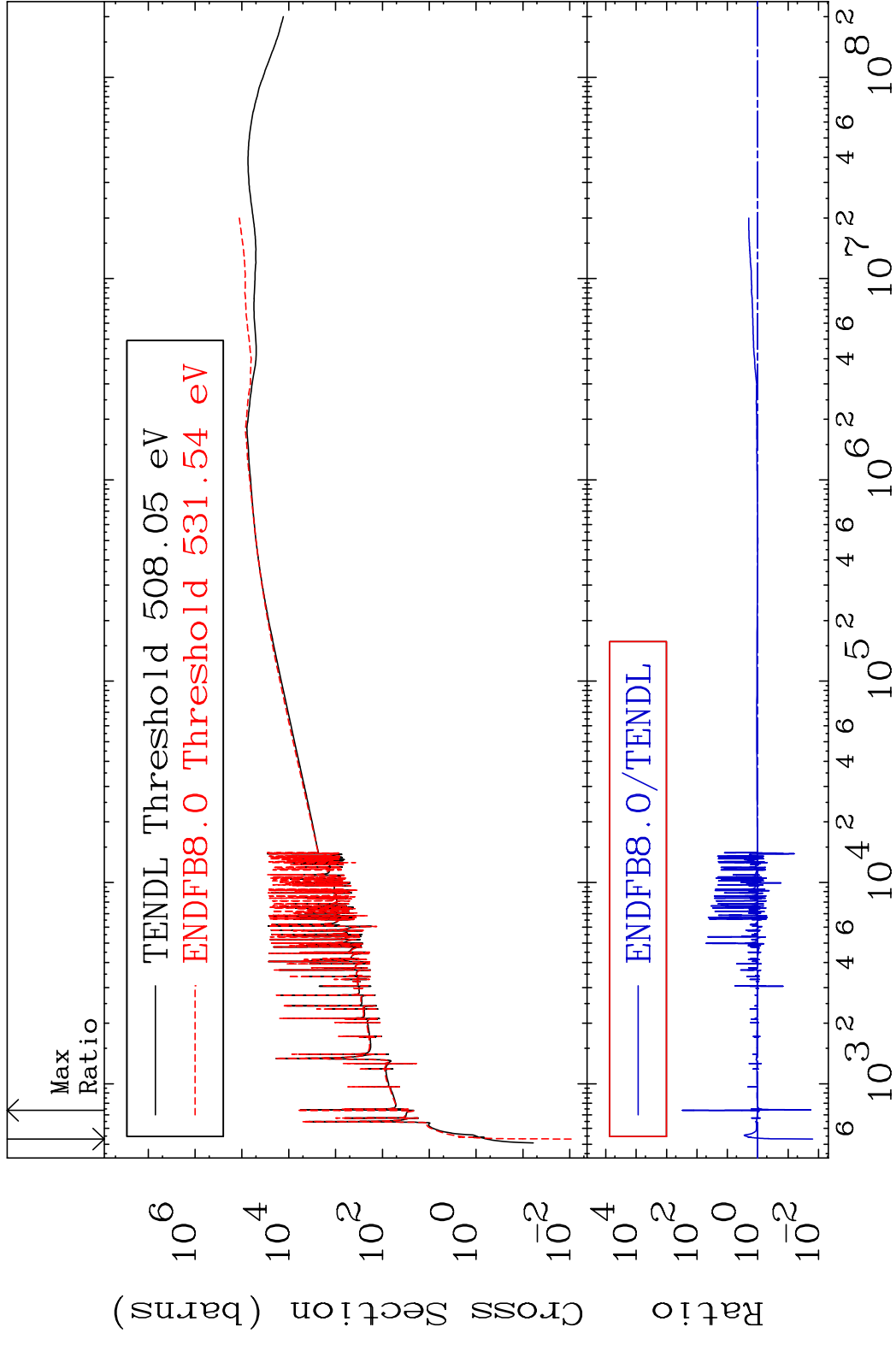


35

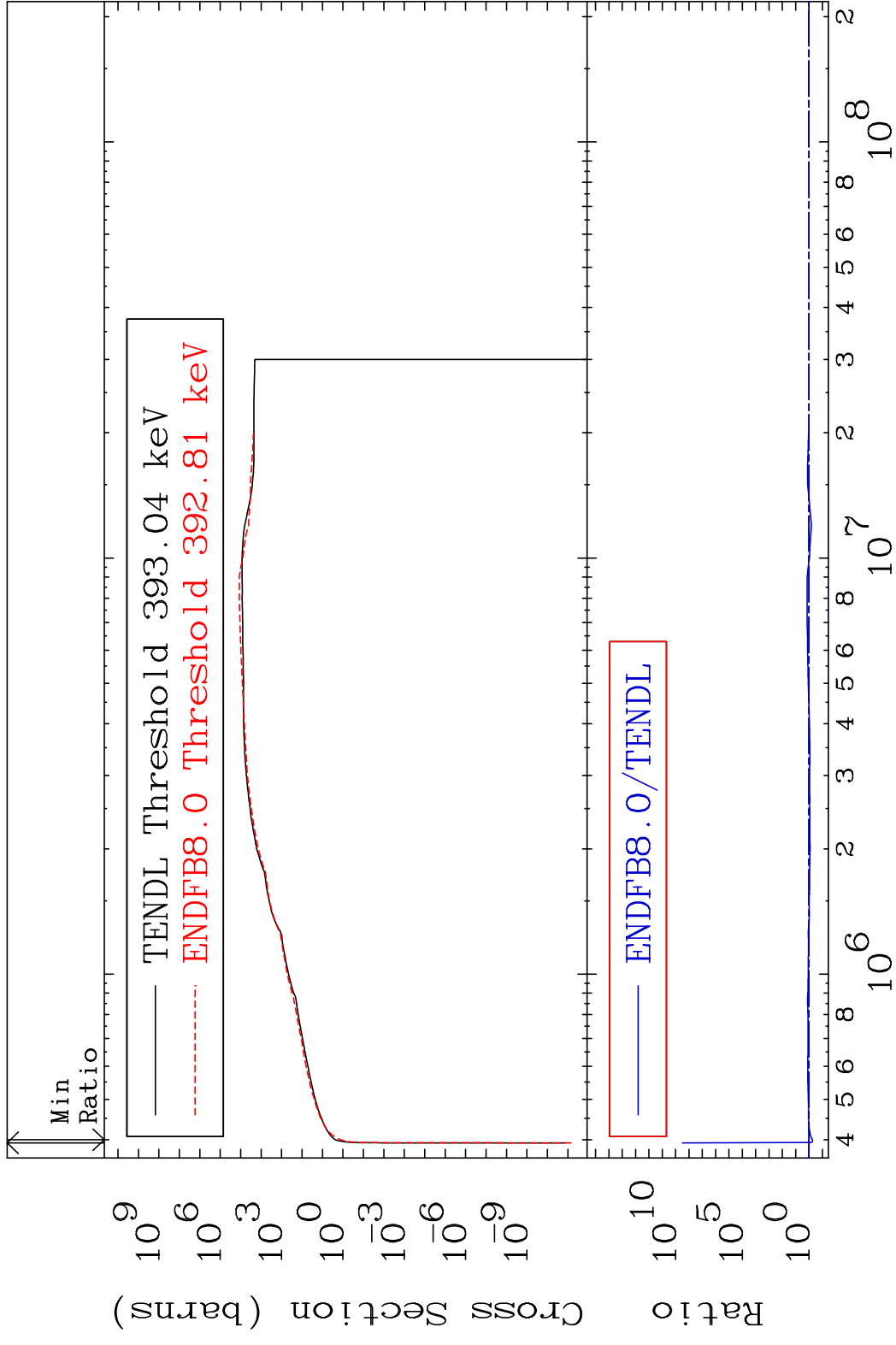
Incident Energy (eV)

38-Sr-87

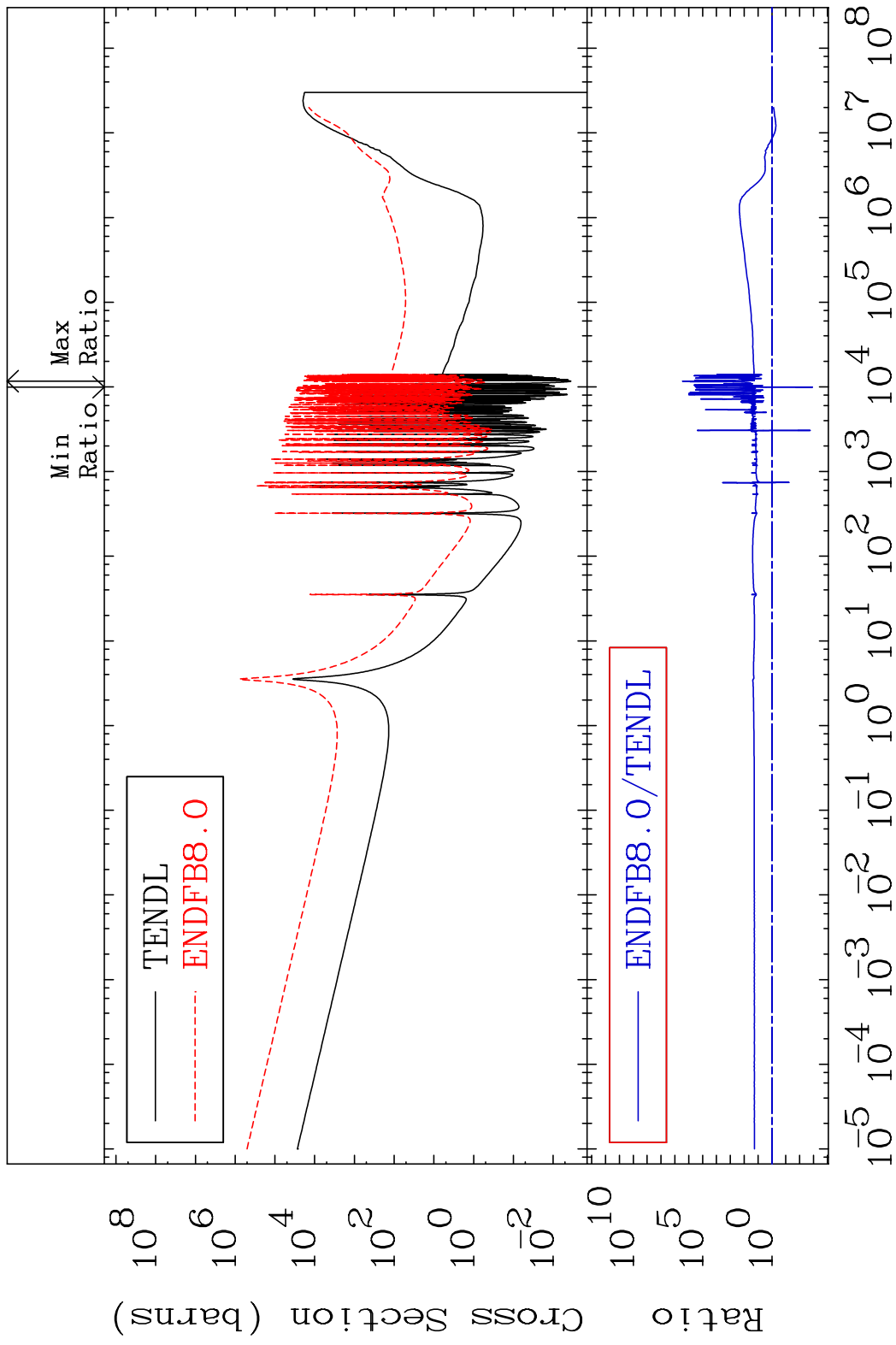
MAT 3834      Dpa elastic (mt2)      38-Sr-87  
 Cross Section      -98.43 To 9999. %



MAT 3834 Dpa inelastic (mt51-91) 38-Sr-87  
 Cross Section -46.01 To 9999. %



MAT 3834 Dpa disappearance (mt102 -120) 38-Sr-87  
 Cross Section -99.88 To 9999. %



38 Incident Energy (eV) 38-Sr-87