

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

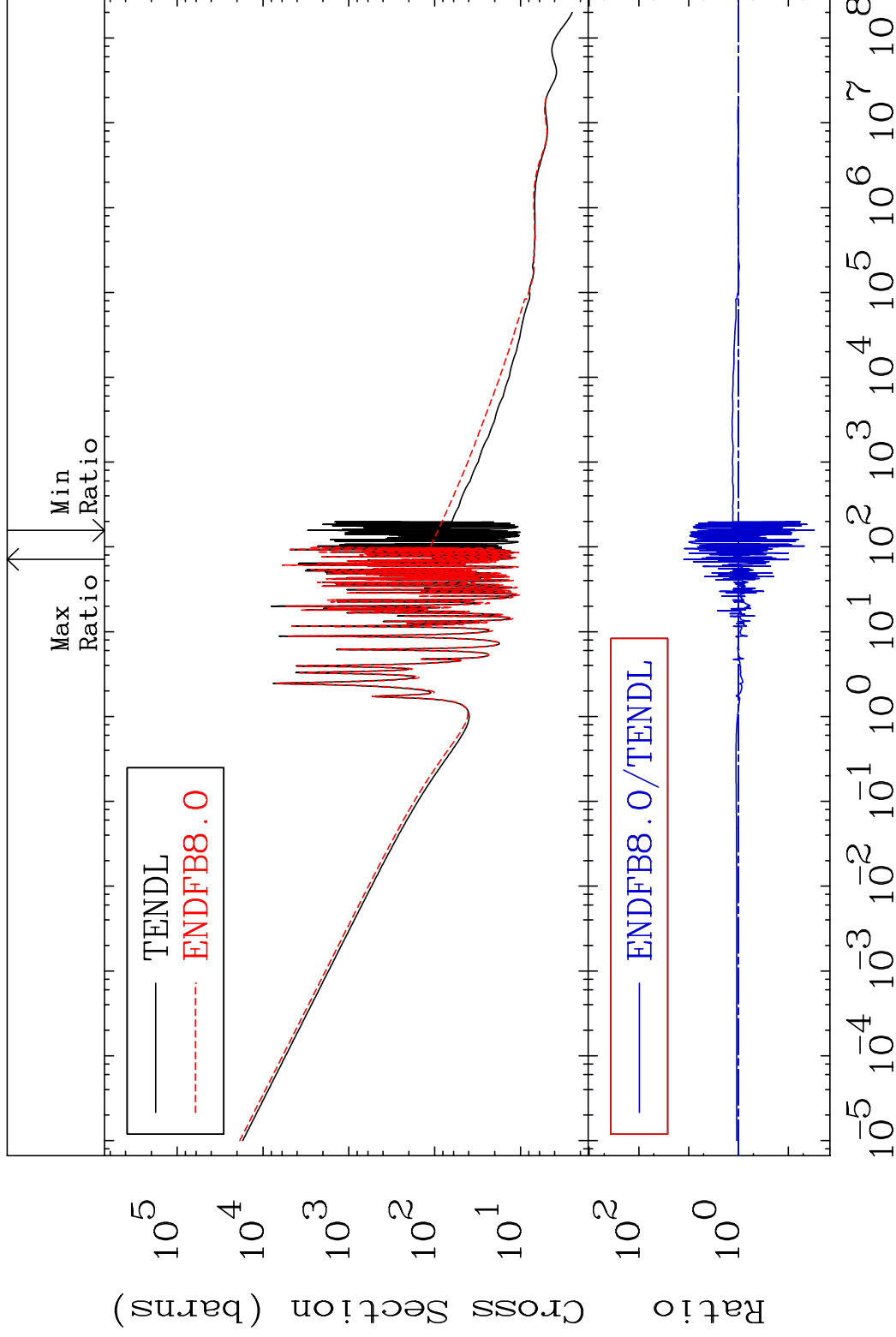
MAT 6331

Total

63-Eu-153

Cross Section

-96.98 To 1161. %



1

Incident Energy (eV)

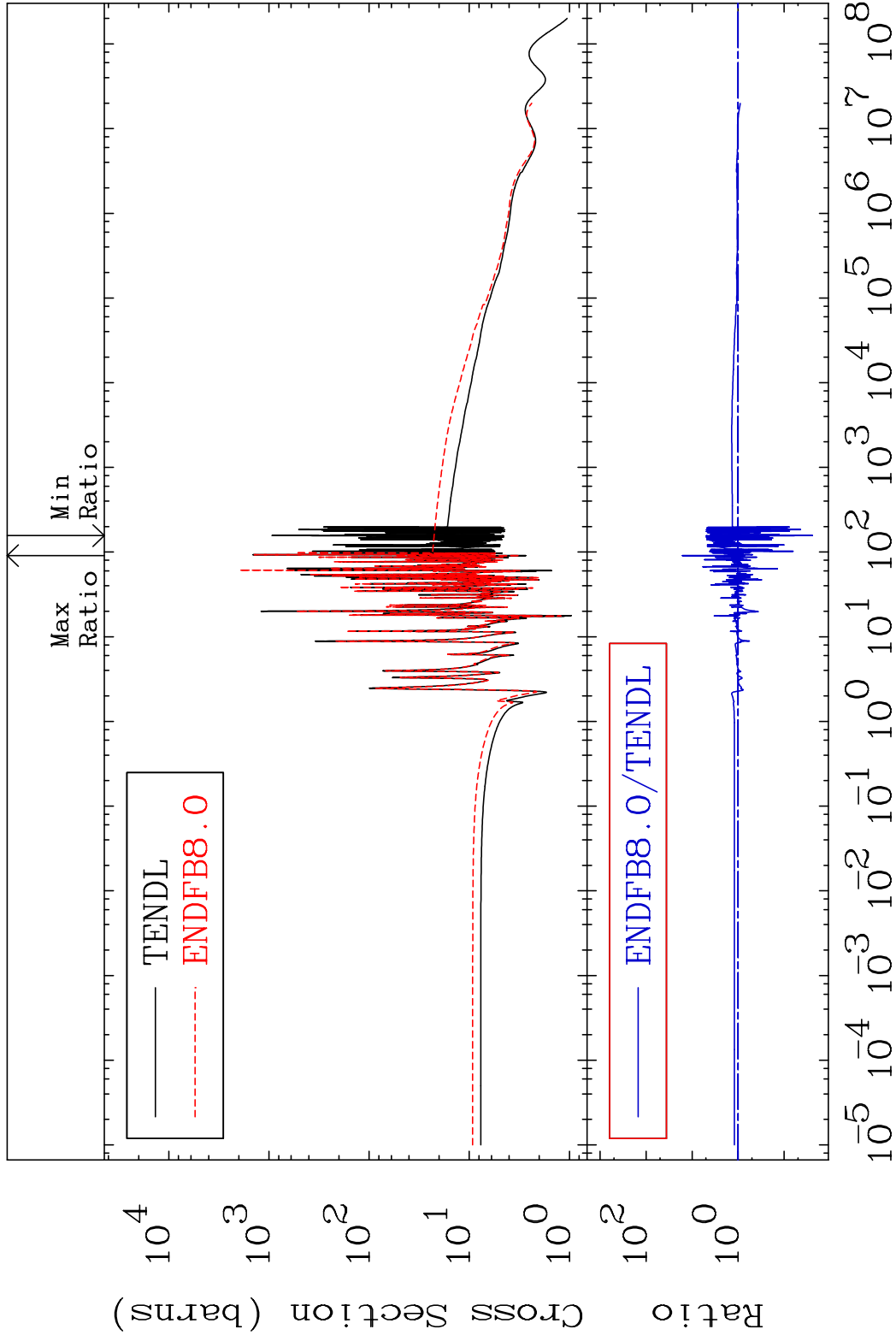
63-Eu-153

MAT 6331

Elastic

63-Eu-153

Cross Section -97.60 To 1528. %

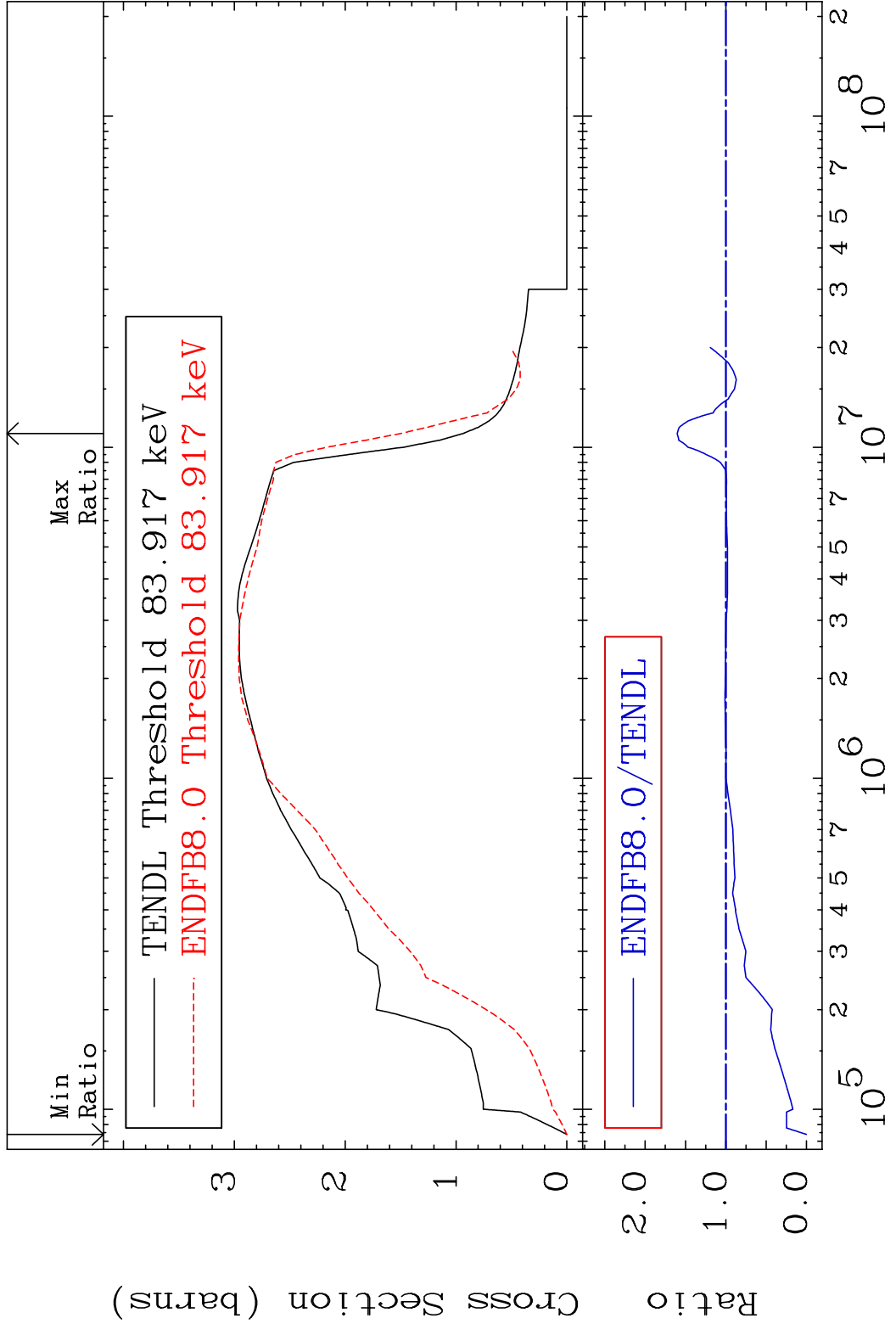


2

Incident Energy (eV)

63-Eu-153

MAT 6331 Inelastic Cross Section -100.0 To 60.29 % 63-Eu-153



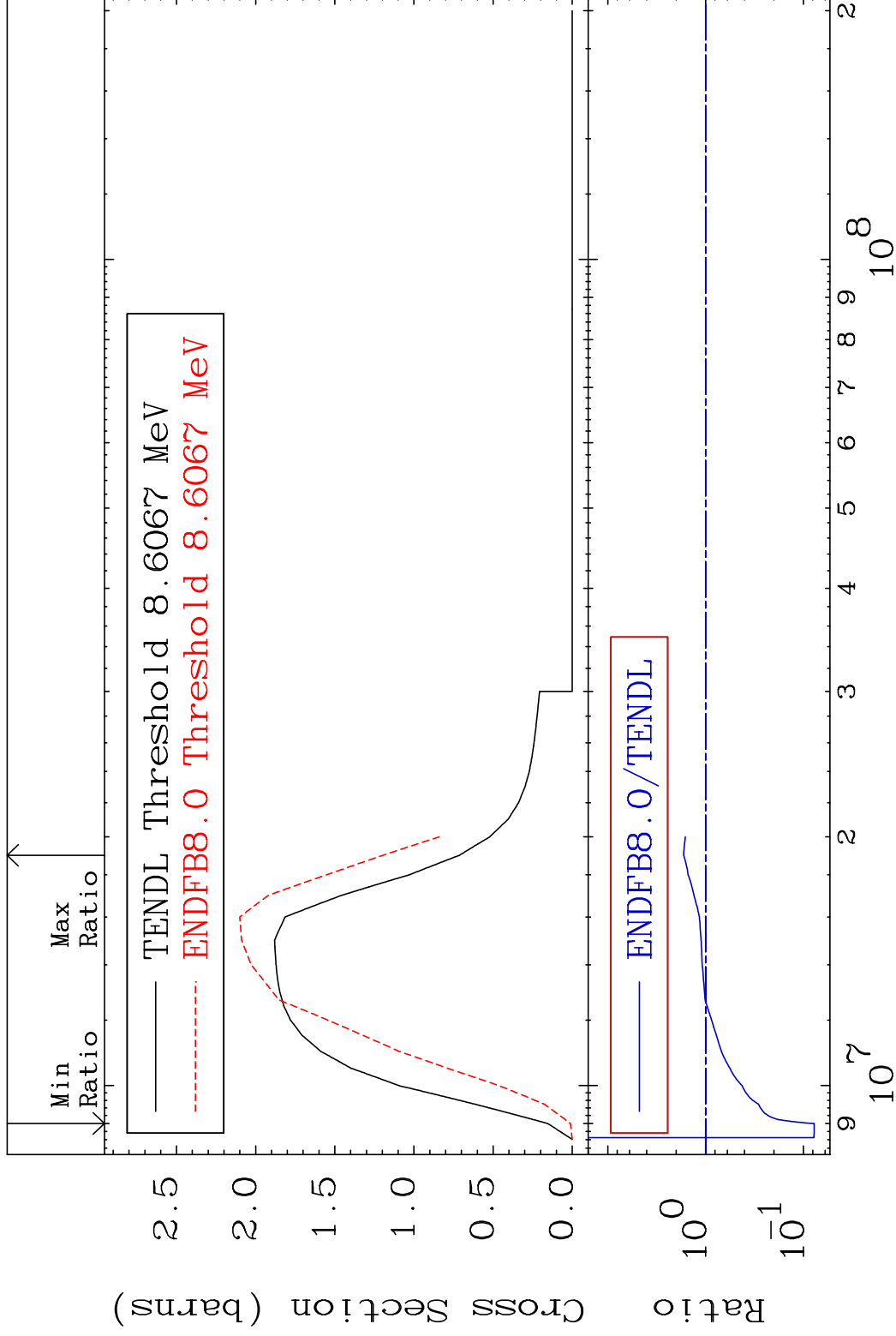
3 Incident Energy (eV) 63-Eu-153

MAT 6331

(n,2n)

63-Eu-153

Cross Section -92.23 To 67.63 %



4

Incident Energy (eV)

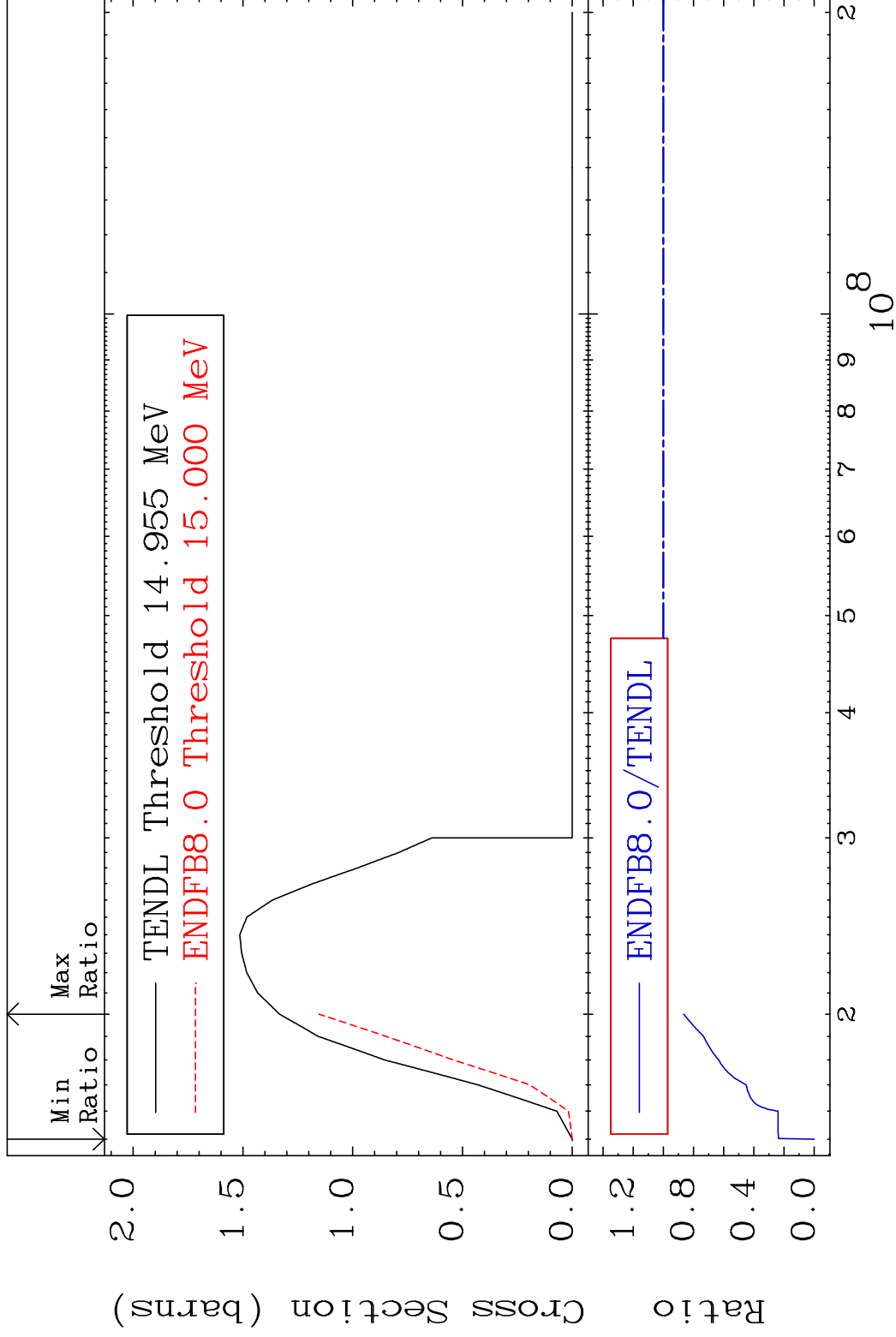
63-Eu-153

MAT 6331

(n,3n)

63-Eu-153

Cross Section -100.0 To -13.49%



5

Incident Energy (eV)

63-Eu-153

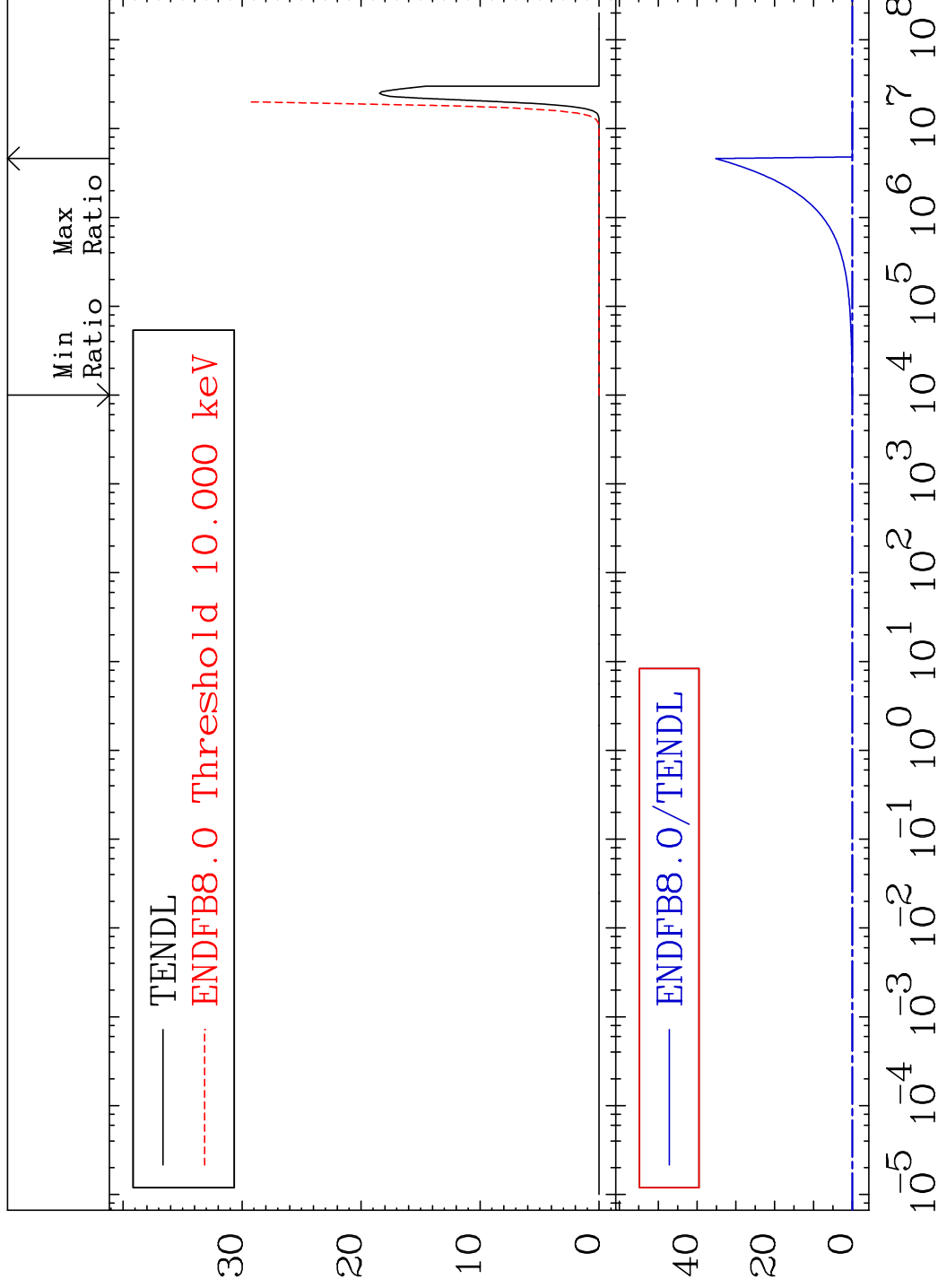
MAT 6331

(n, n')  $\alpha$

63-Eu-153

Cross Section -100.0 To 9999. %

RatioCross Section (milli-barns)

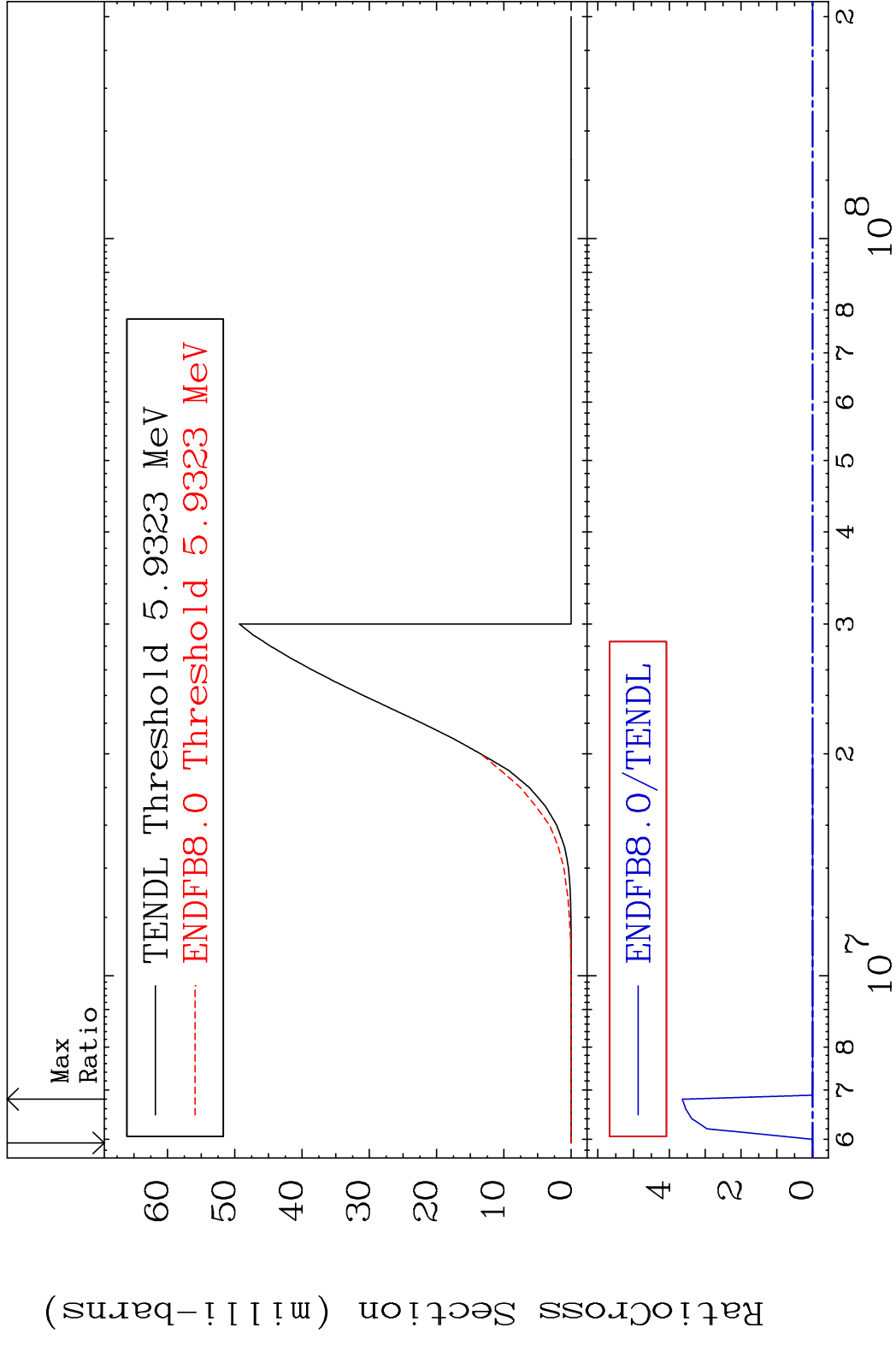


6

Incident Energy (eV)

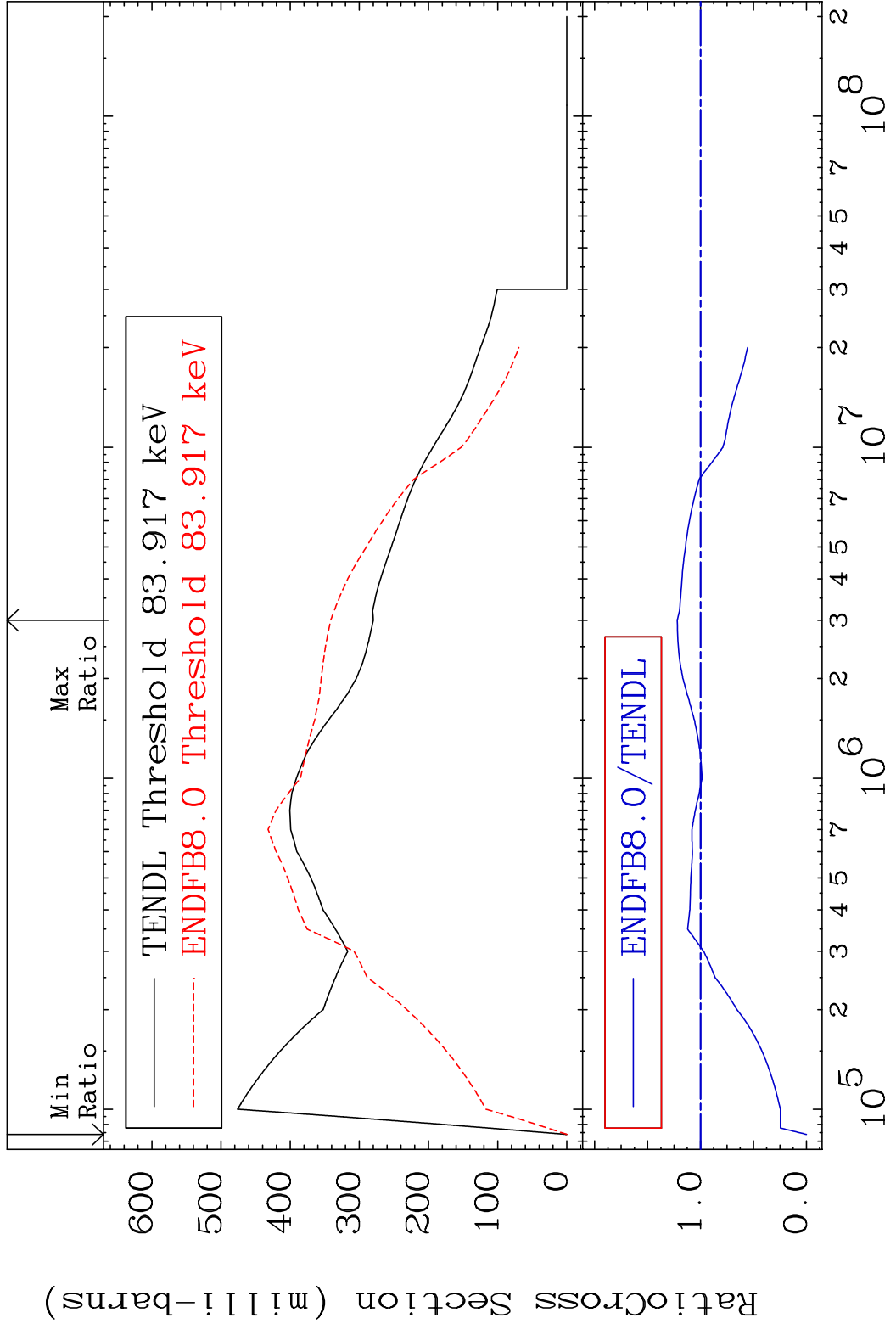
63-Eu-153

MAT 6331 (n, n') p 63-Eu-153  
 Cross Section -100.0 To 9999. %



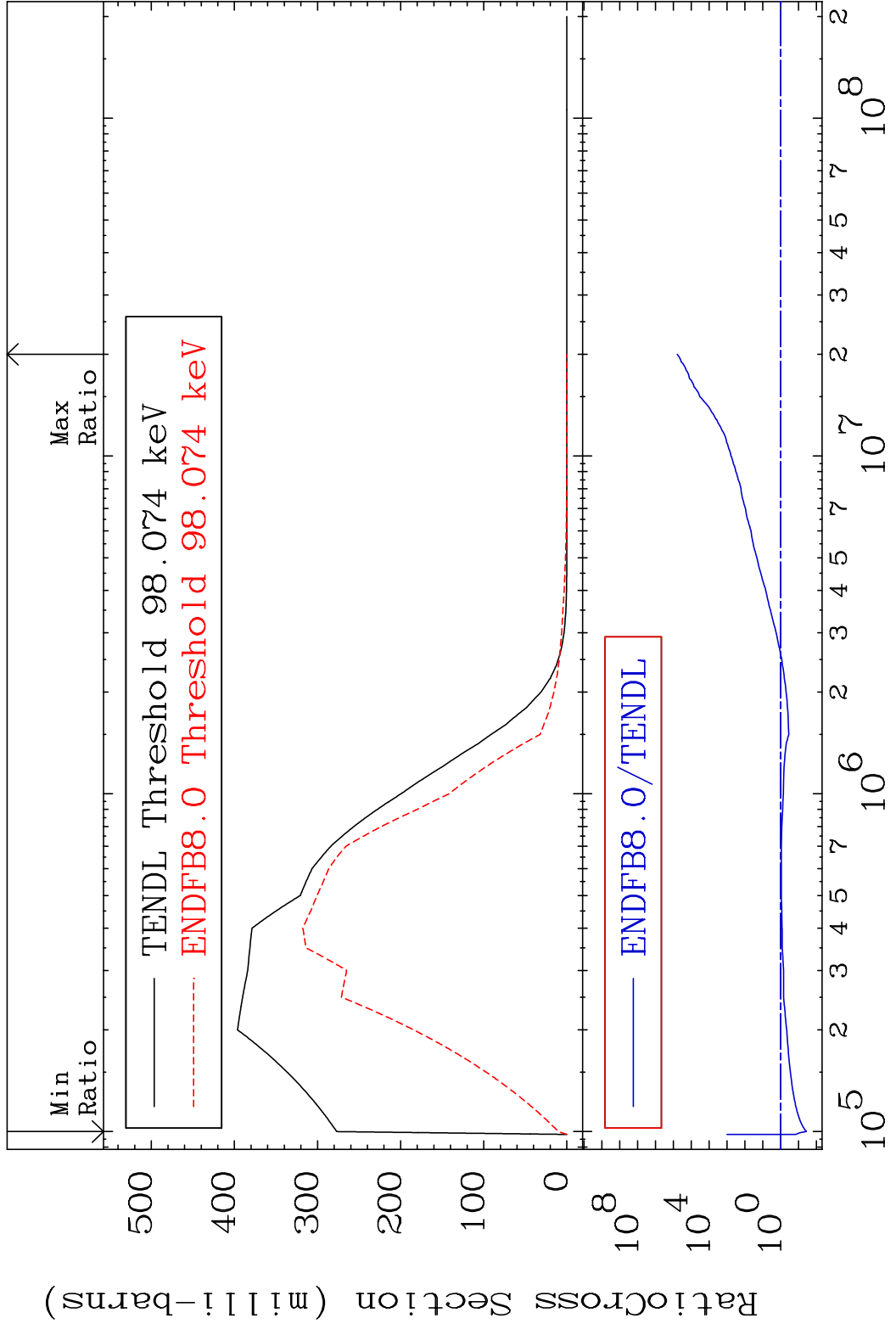
7 Incident Energy (eV) 63-Eu-153

MAT 6331 MT= 51 (n, n') Level 63-Eu-153  
 Cross Section -100.0 To 22.04 %



8 8 63-Eu-153

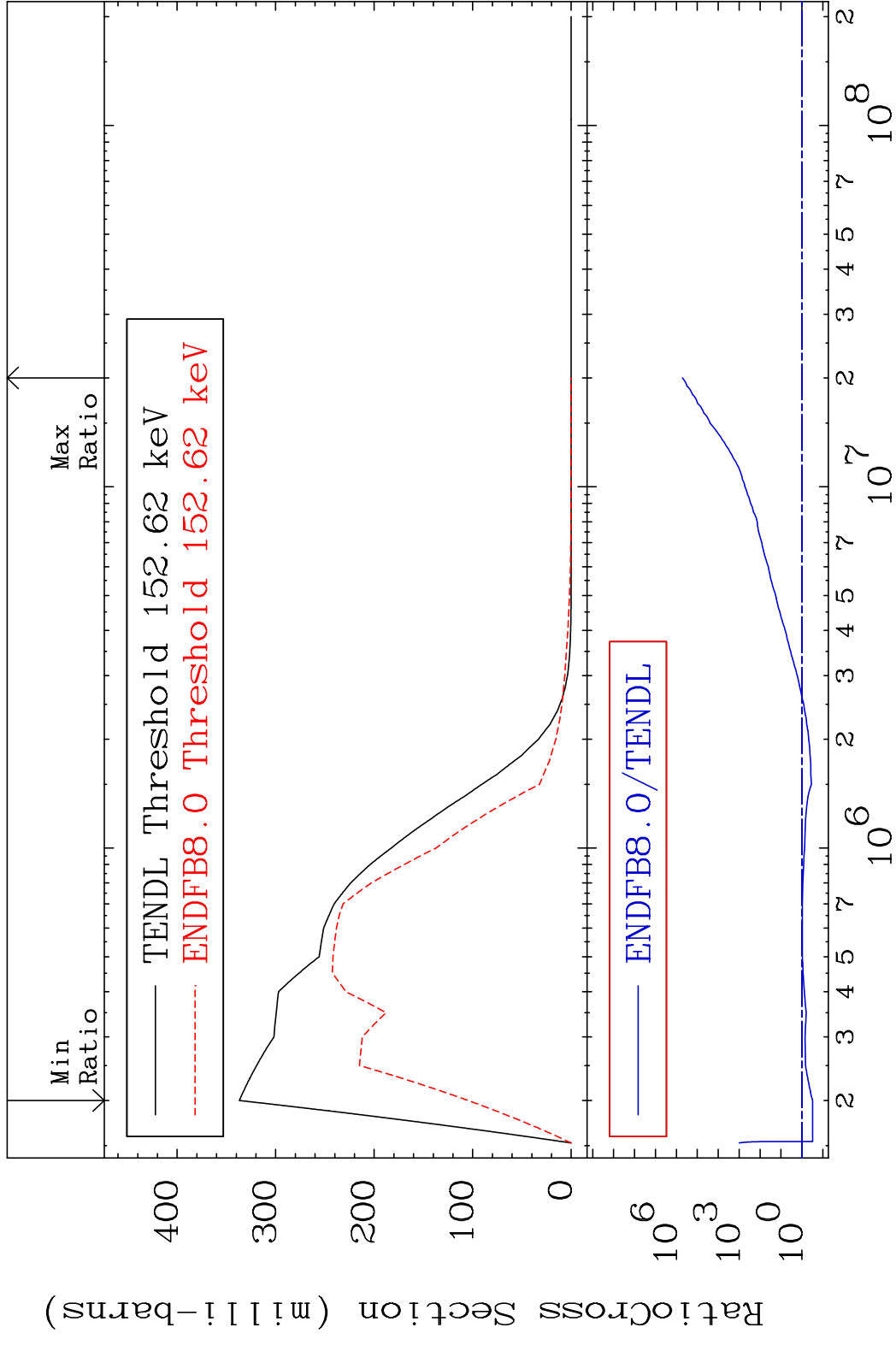
MAT 6331 MT= 52 (n, n') Level 63-Eu-153  
 Cross Section -96.32 To 9999. %



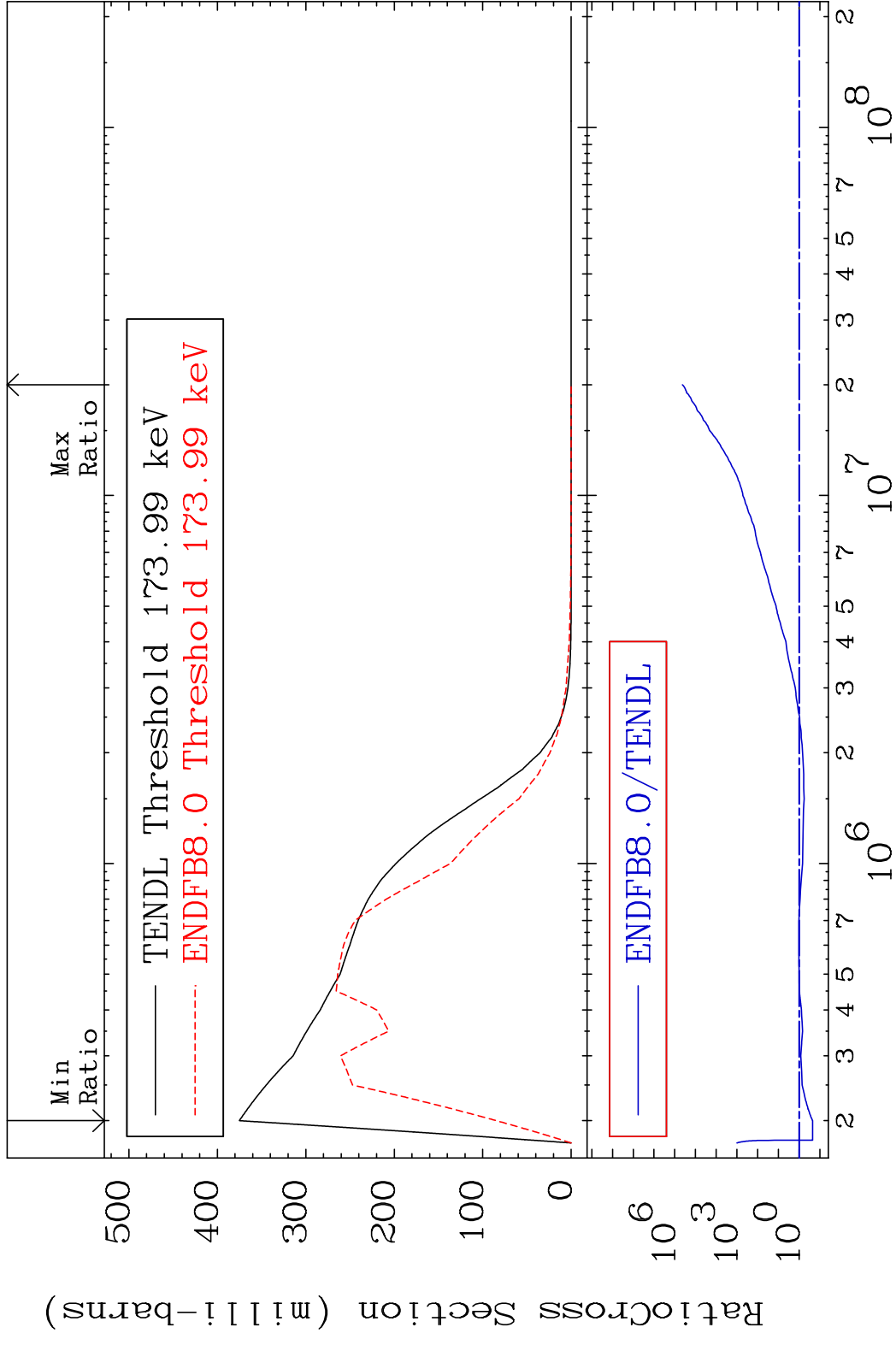
9 Incident Energy (eV) 63-Eu-153



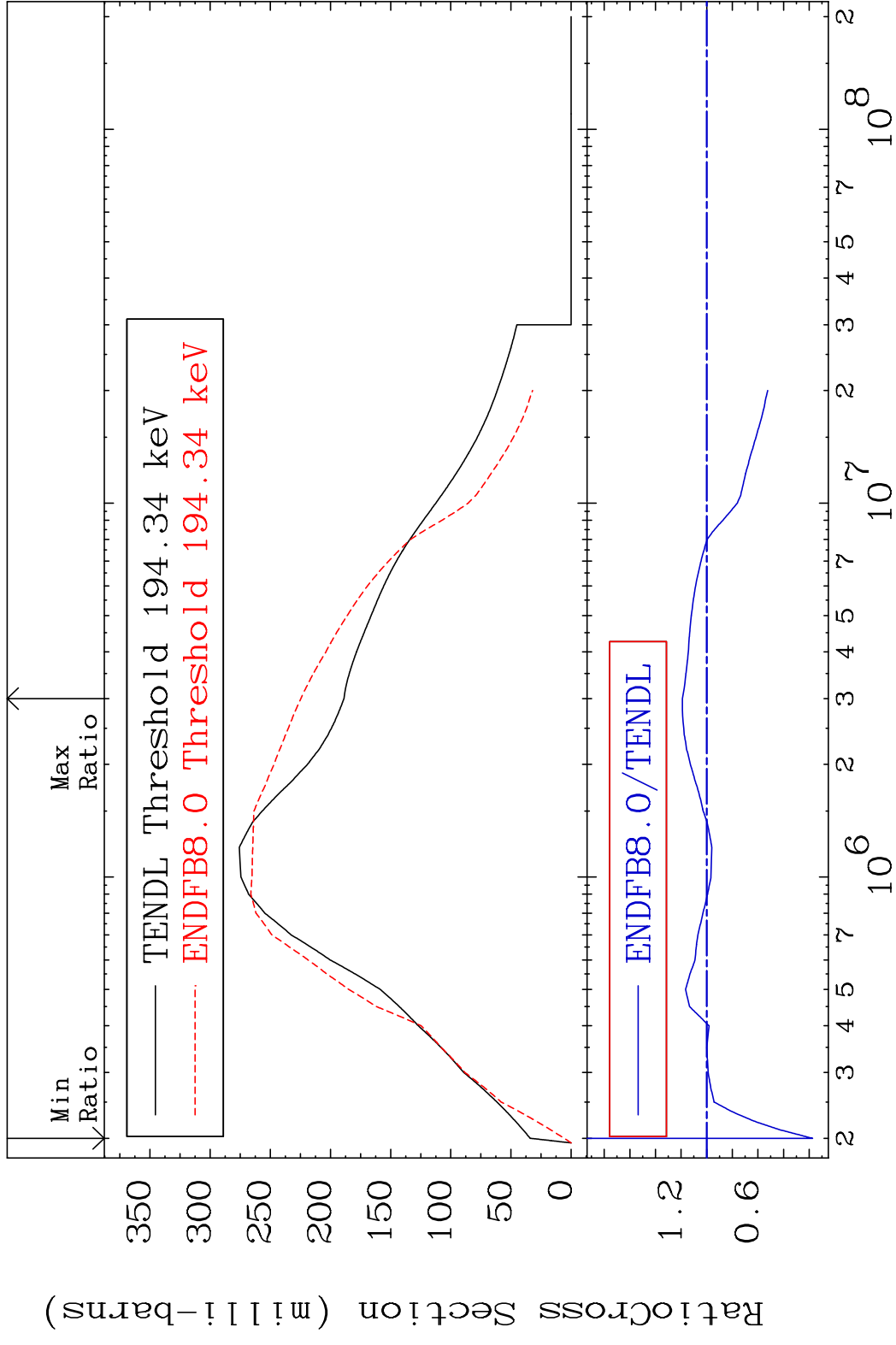
MAT 6331 MT= 54 (n, n') Level 63-Eu-153  
 Cross Section -68.96 To 9999. %



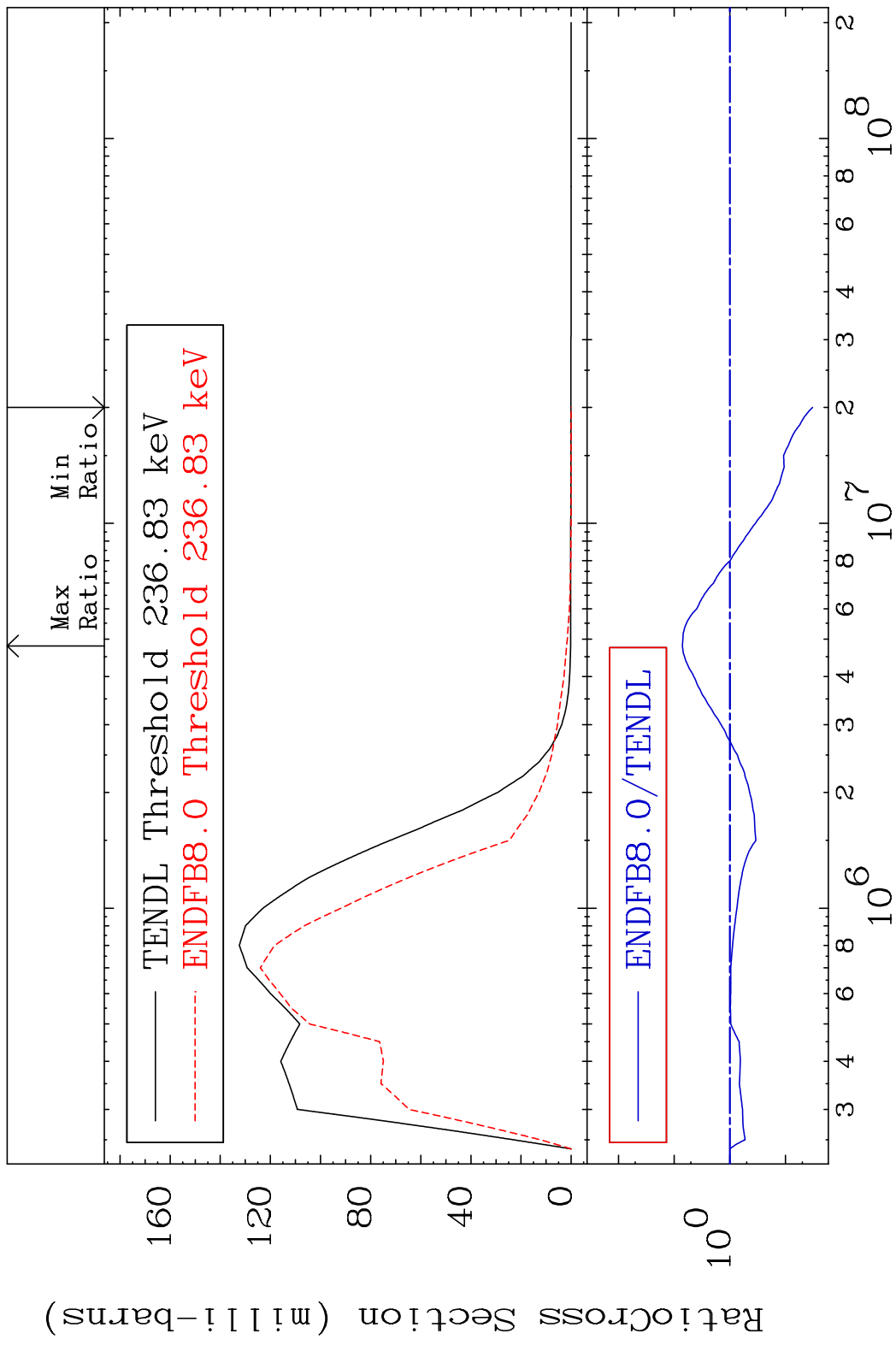
MAT 6331 MT= 55 (n,n') Level 63-Eu-153  
 Cross Section -77.45 To 9999. %



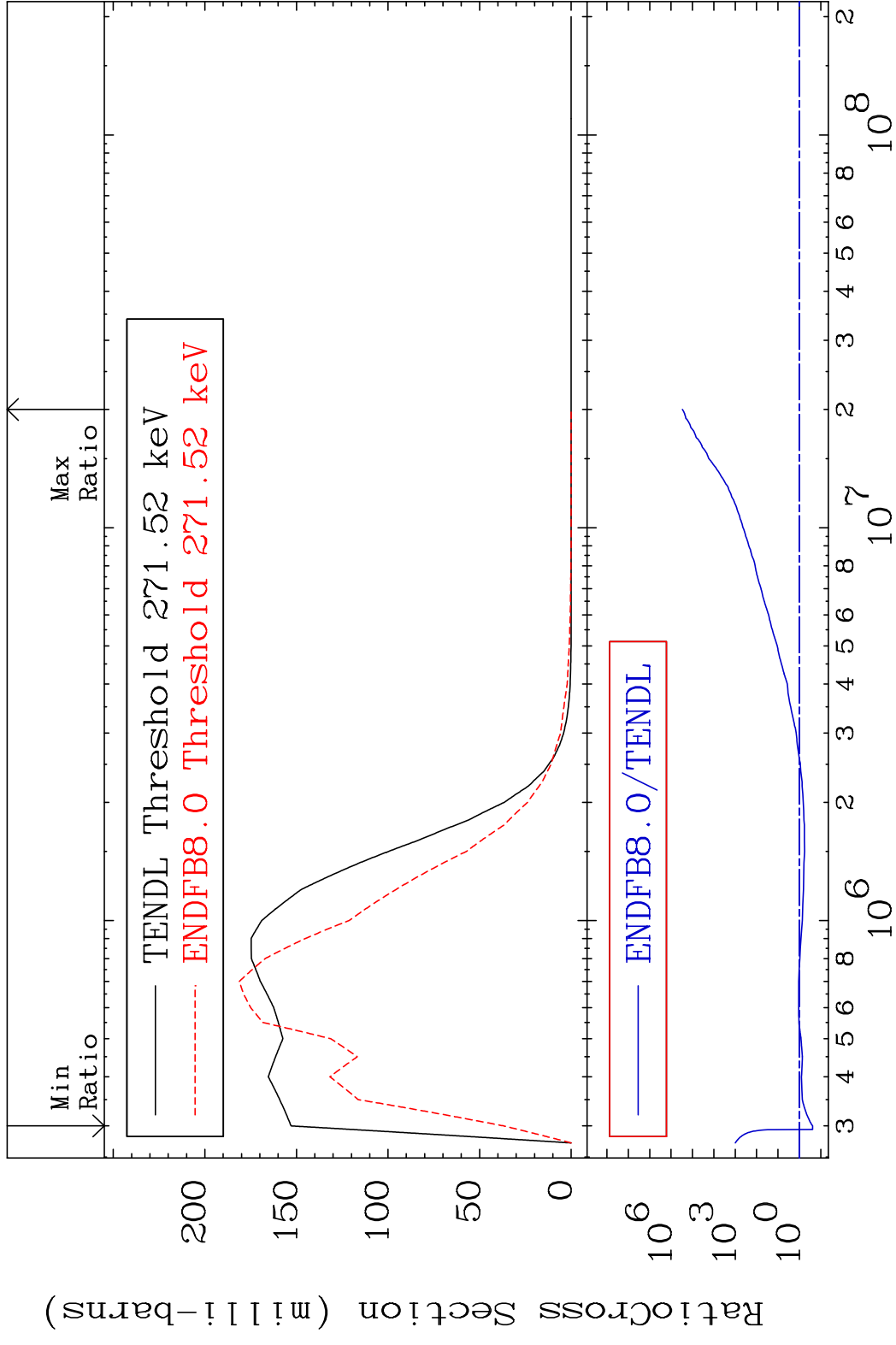
MAT 6331 MT= 56 (n, n') Level 63-Eu-153  
 Cross Section -82.65 To 18.99 %



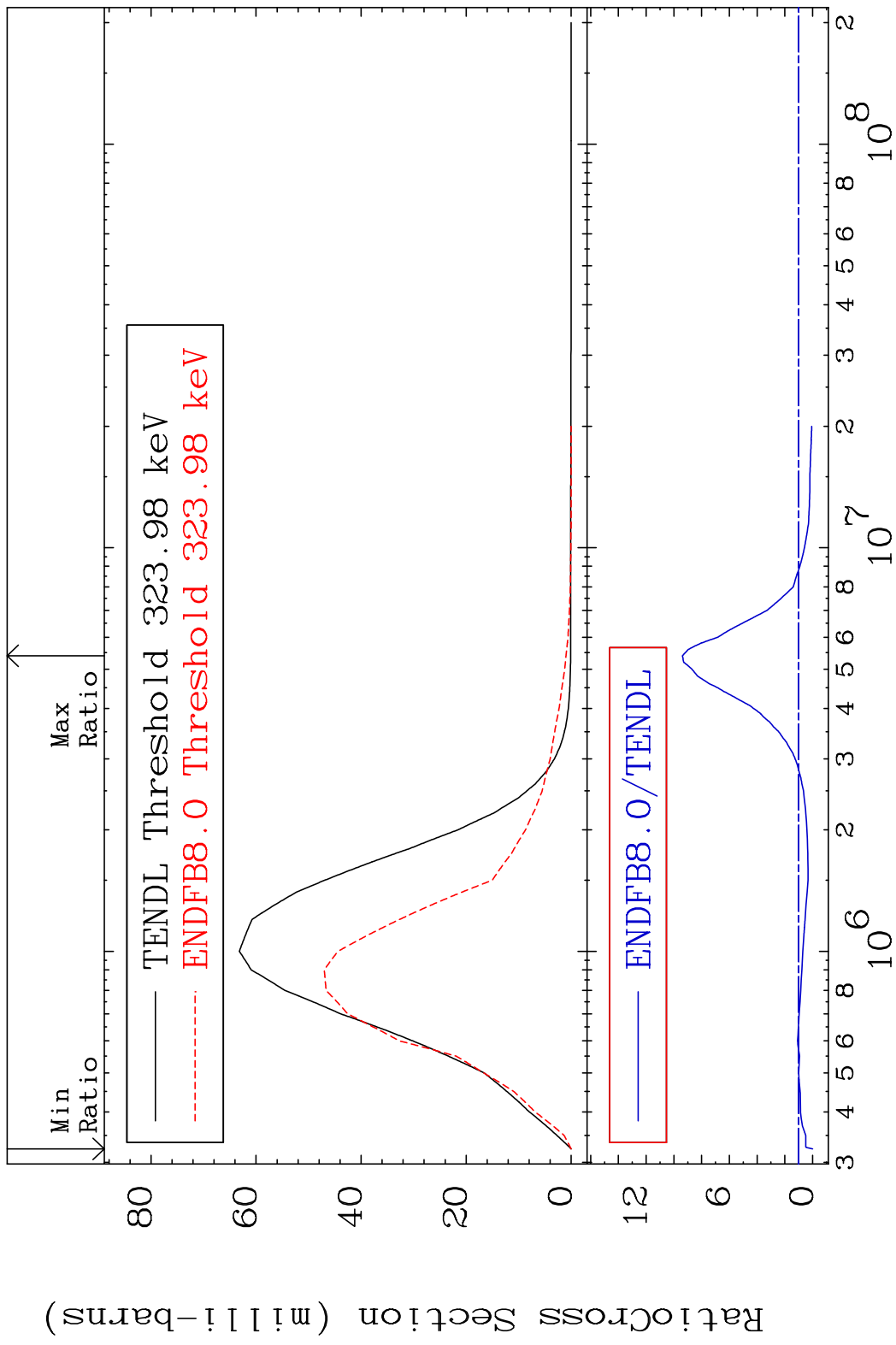
MAT 6331 MT= 57 (n, n') Level 63-Eu-153  
 Cross Section -96.74 To 613.1 %



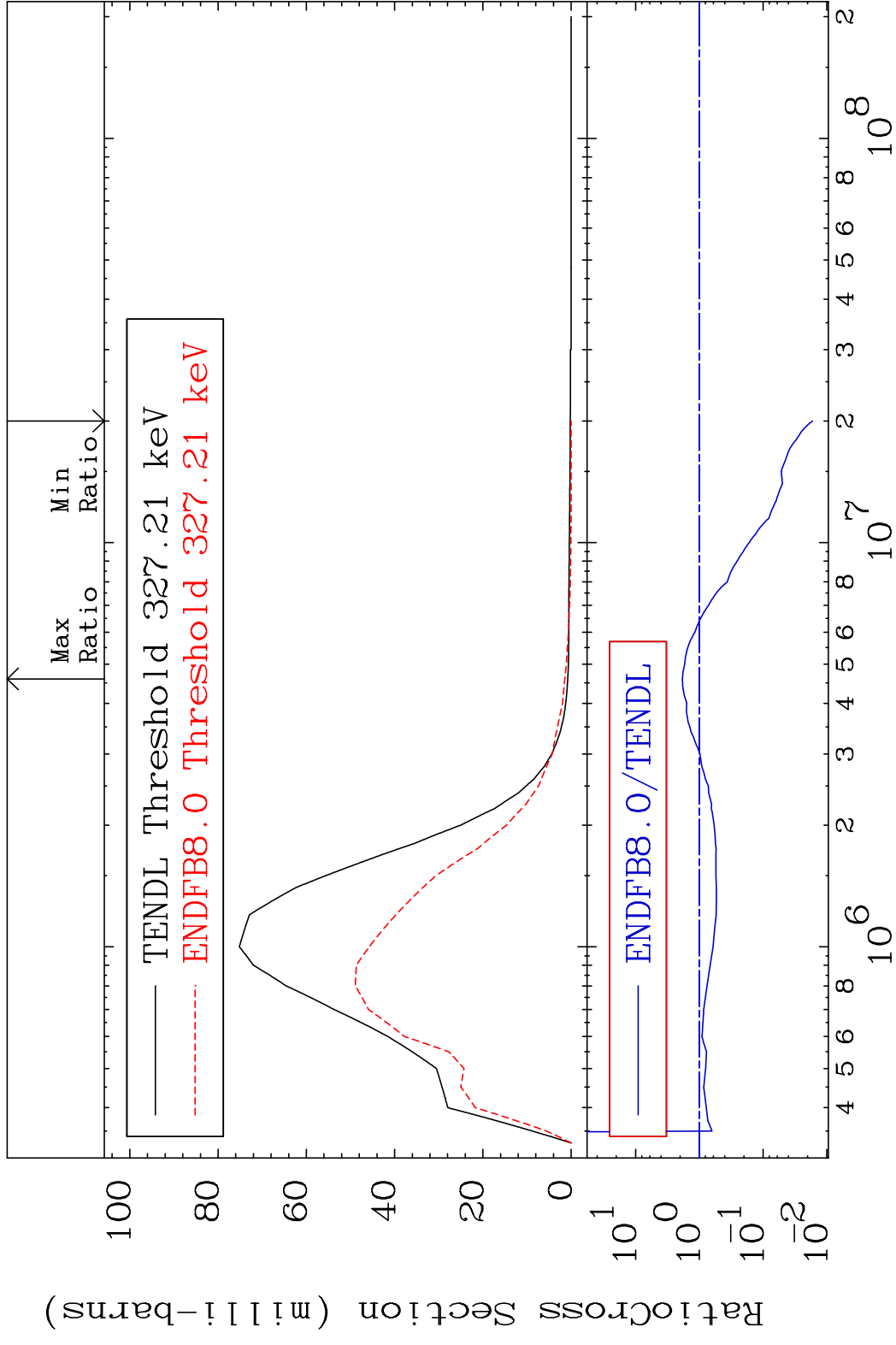
MAT 6331 MT= 58 (n,n') Level 63-Eu-153  
 Cross Section -75.86 To 9999. %



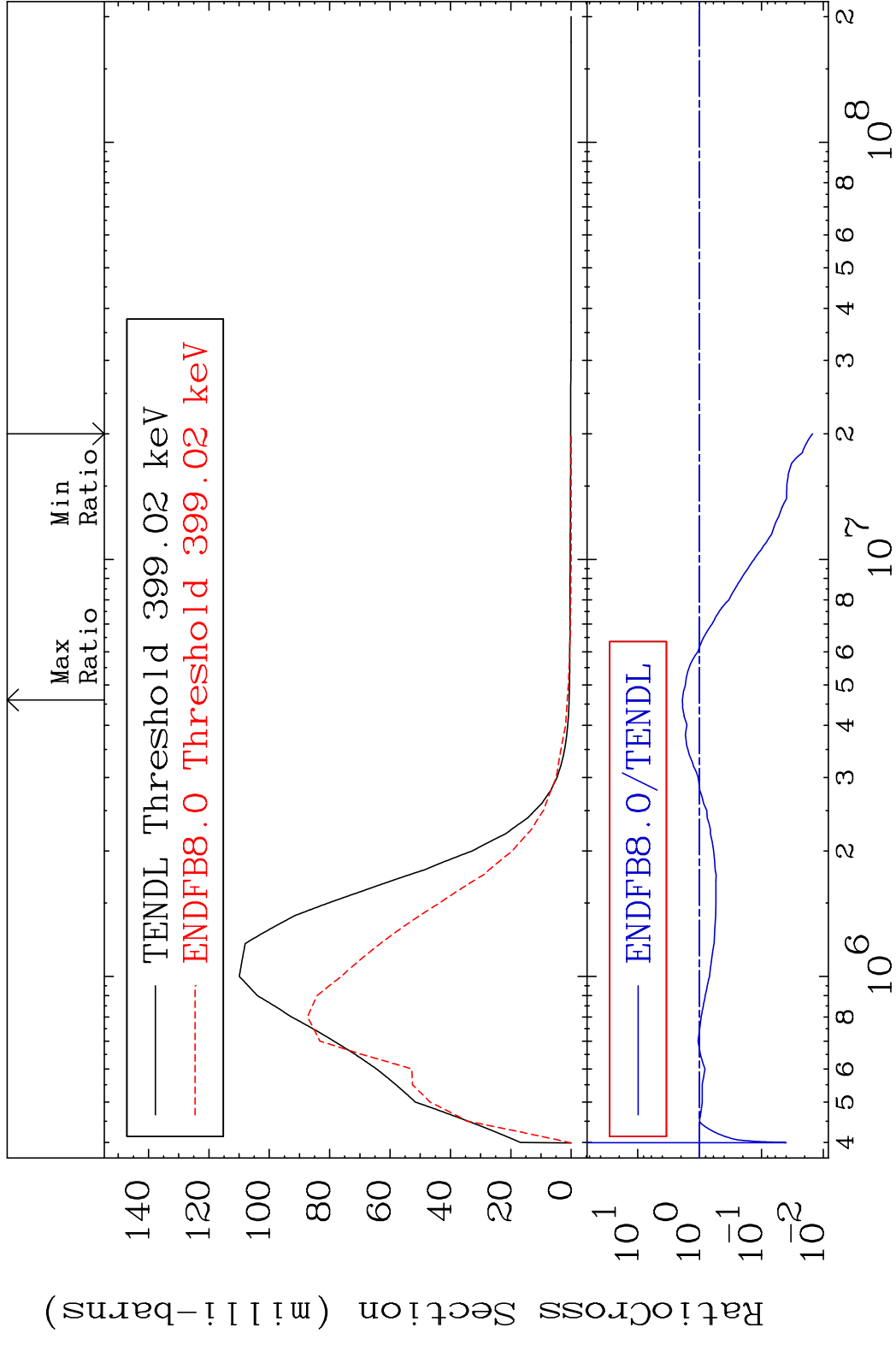
MAT 6331 MT= 59 (n, n') Level 63-Eu-153  
 Cross Section -100.0 To 838.9 %



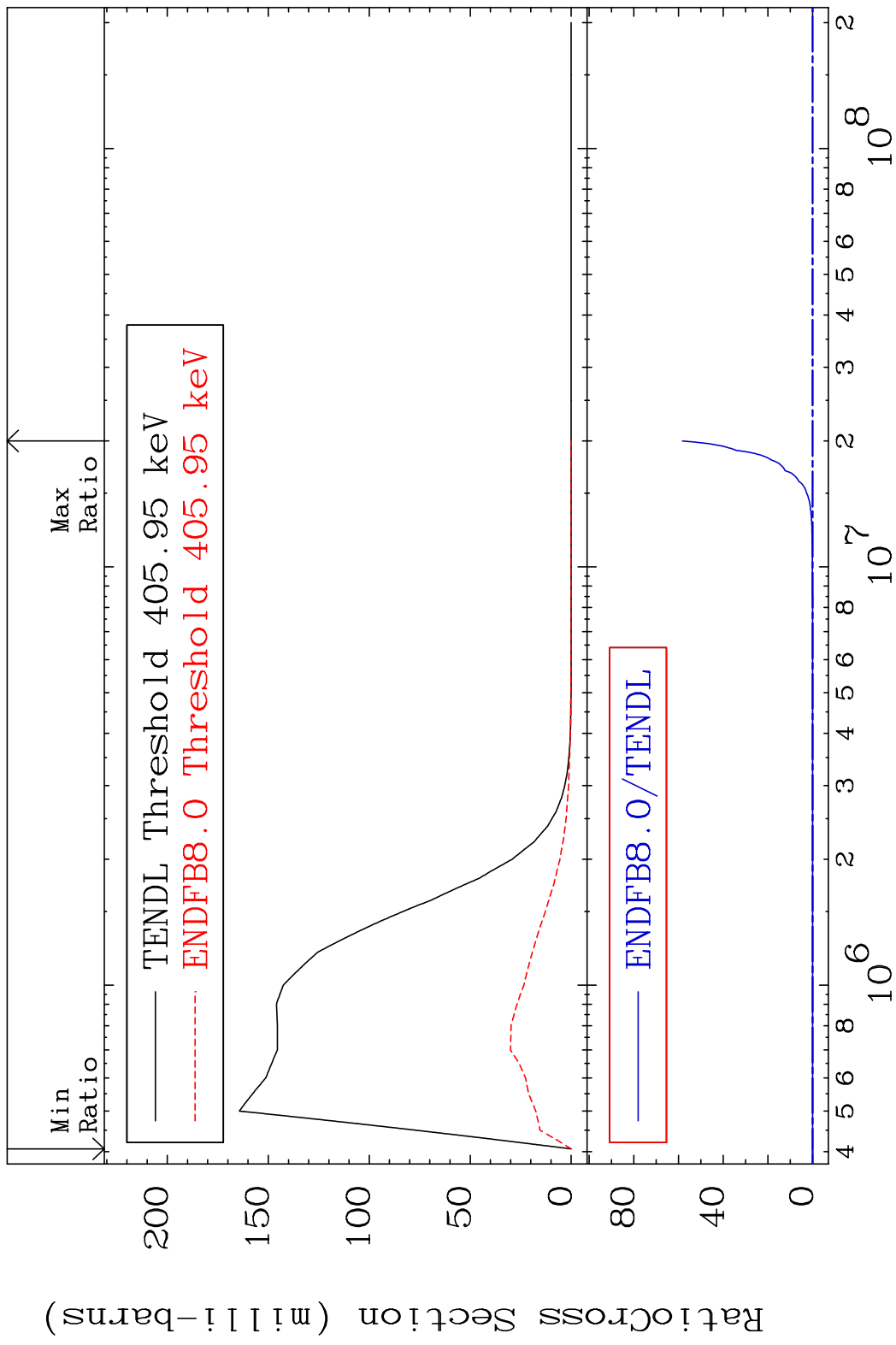
MAT 6331 MT= 60 (n, n') Level 63-Eu-153  
 Cross Section -98.32 To 84.58 %



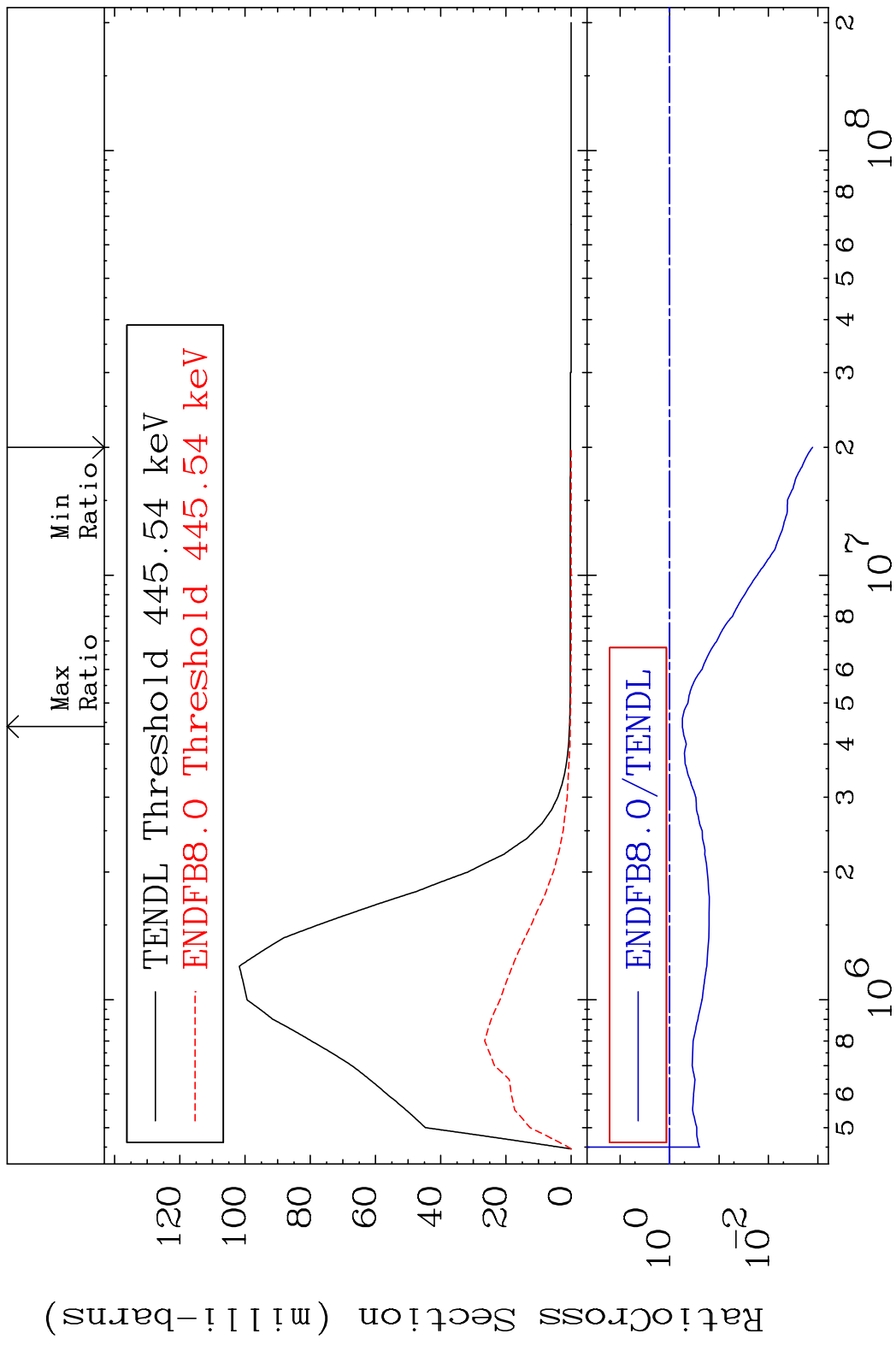
MAT 6331 MT= 61 (n, n') Level 63-Eu-153  
 Cross Section -98.51 To 89.94 %



MAT 6331 MT= 62 (n, n') Level 63-Eu-153  
 Cross Section -100.0 To 9999. %

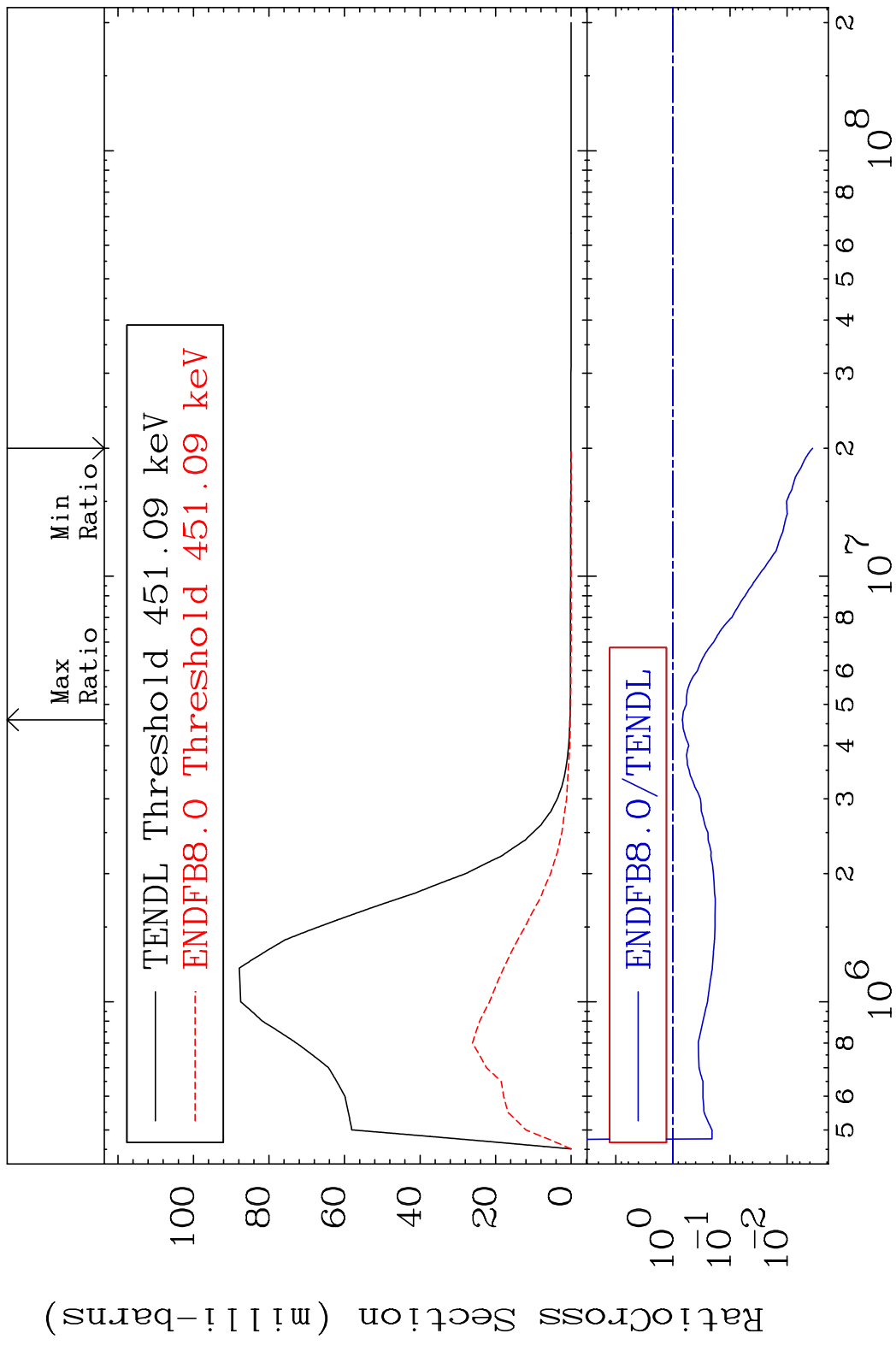


MAT 6331 MT= 63 (n, n') Level 63-Eu-153  
 Cross Section -99.87 To -44.90%

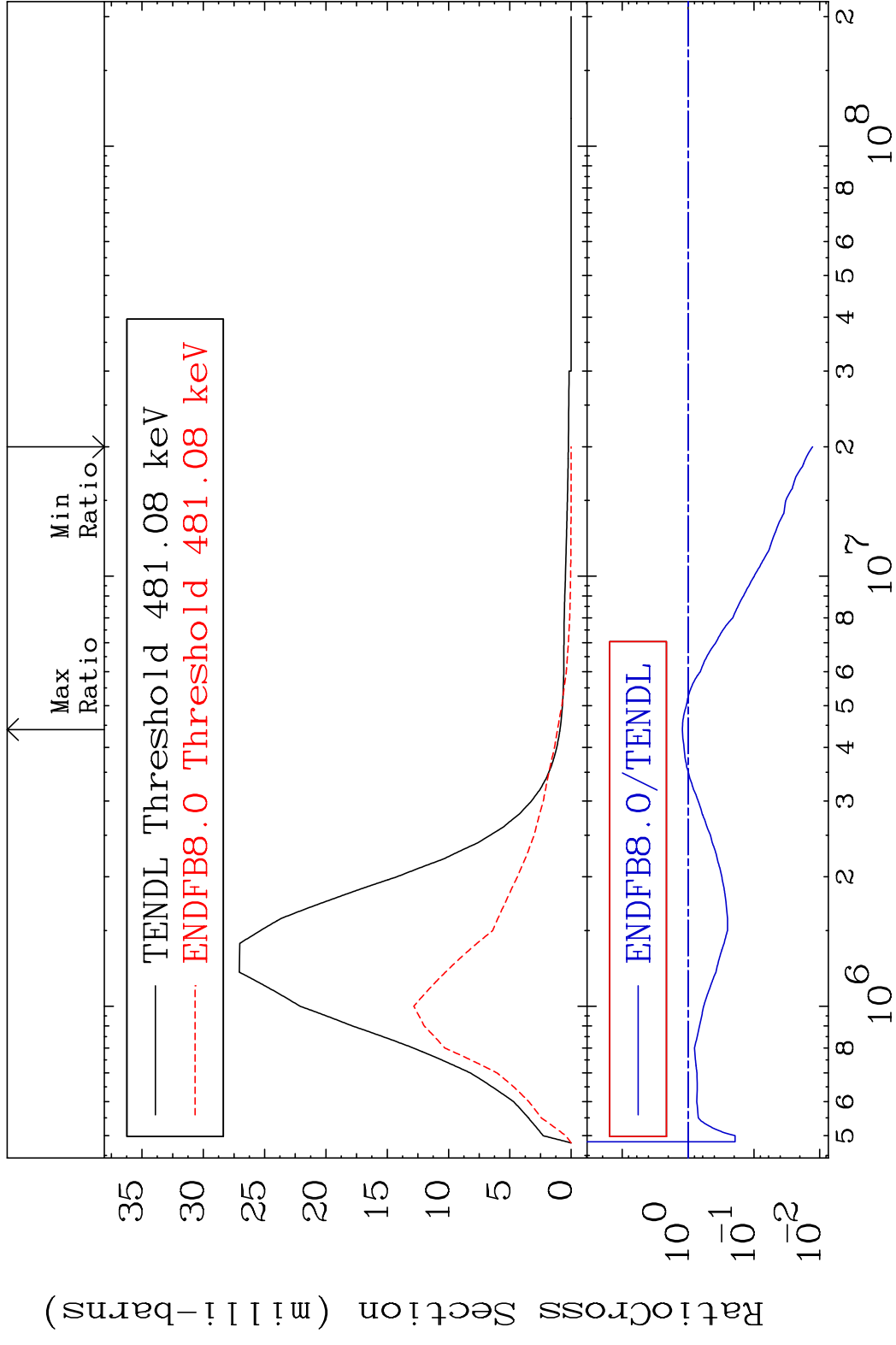


20 Incident Energy (eV) 63-Eu-153

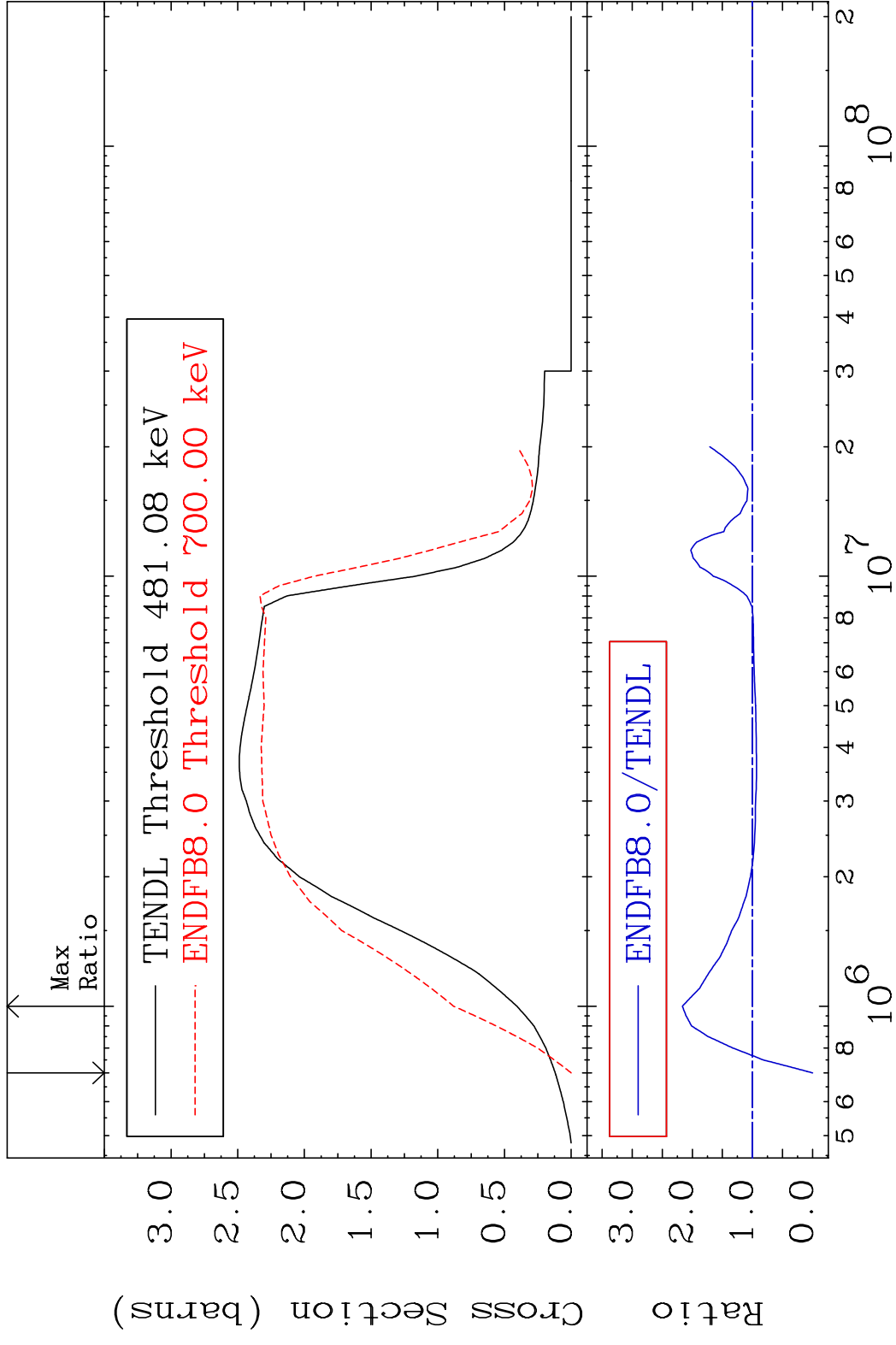
MAT 6331 MT= 64 (n, n') Level 63-Eu-153  
 Cross Section -99.64 To -31.84%



MAT 6331 MT= 65 (n, n') Level 63-Eu-153  
 Cross Section -98.71 To 22.29 %



MAT 6331 (n, n') Continuum 63-Eu-153  
 Cross Section -100.0 To 116.6 %

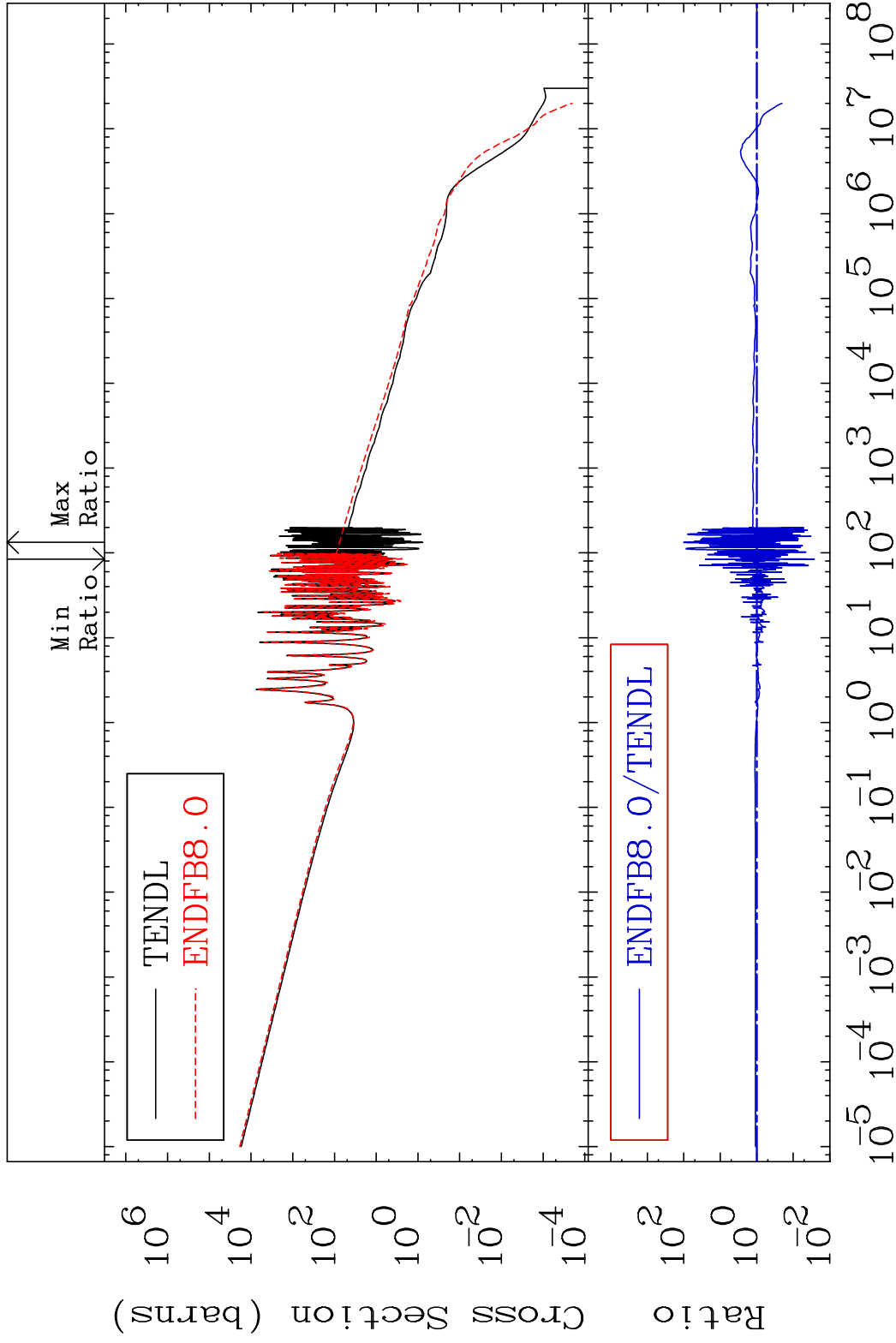


MAT 6331

(n,  $\gamma$ )

63-Eu-153

Cross Section -97.32 To 9986. %



24

Incident Energy (eV)

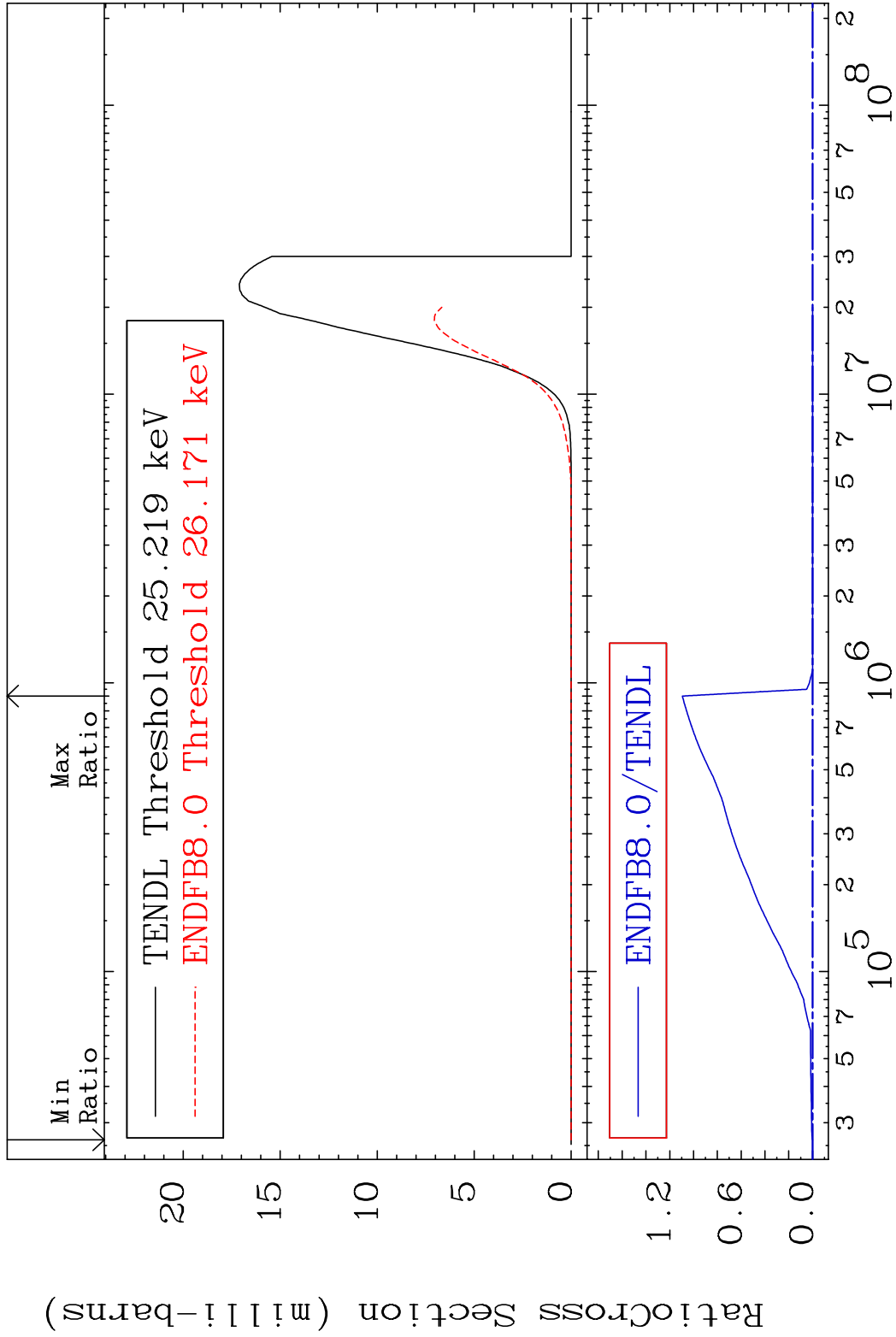
63-Eu-153

MAT 6331

(n,p)

63-Eu-153

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

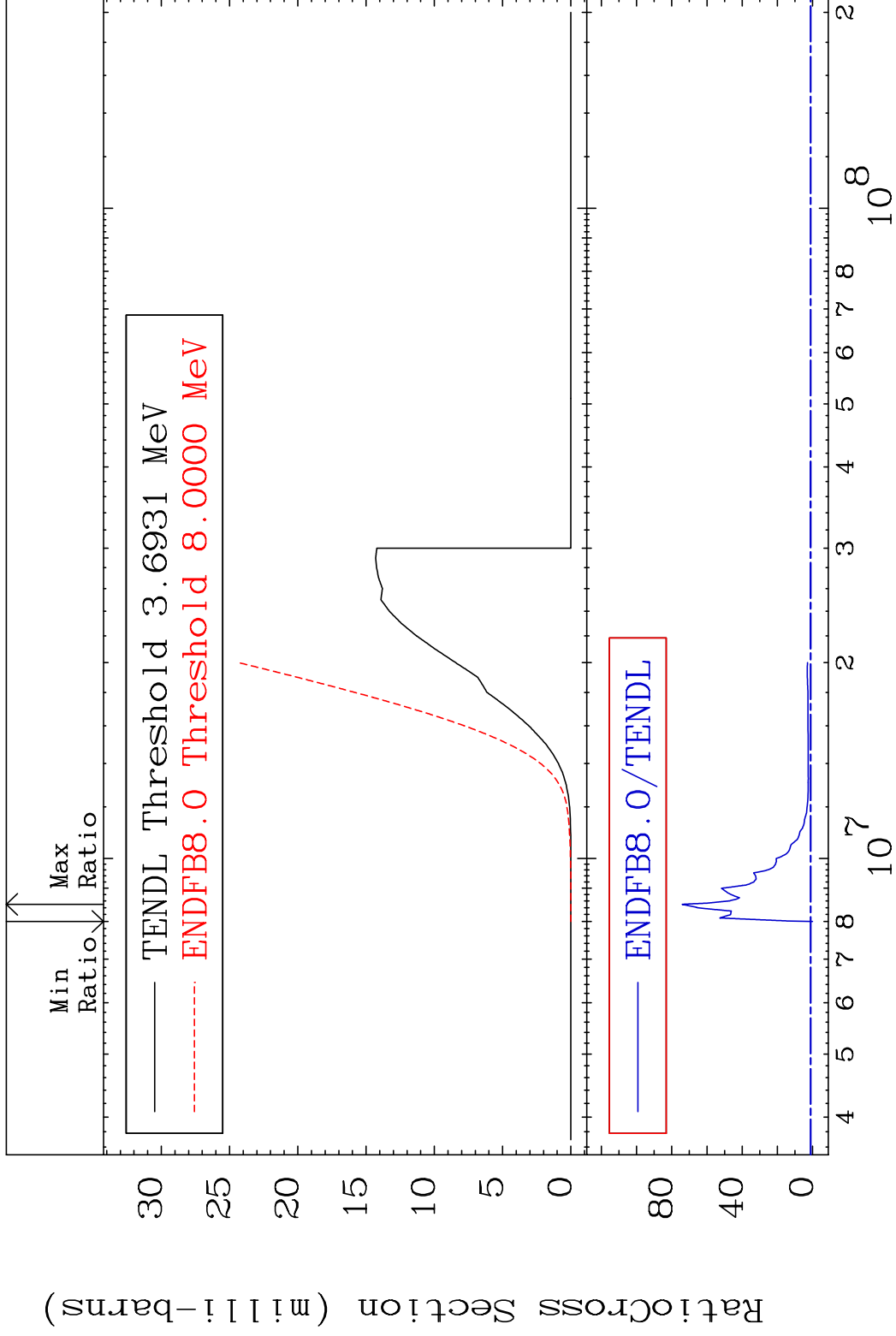
63-Eu-153

MAT 6331

(n,d)

63-Eu-153

Cross Section -100.0 To 7311. %



26

Incident Energy (eV)

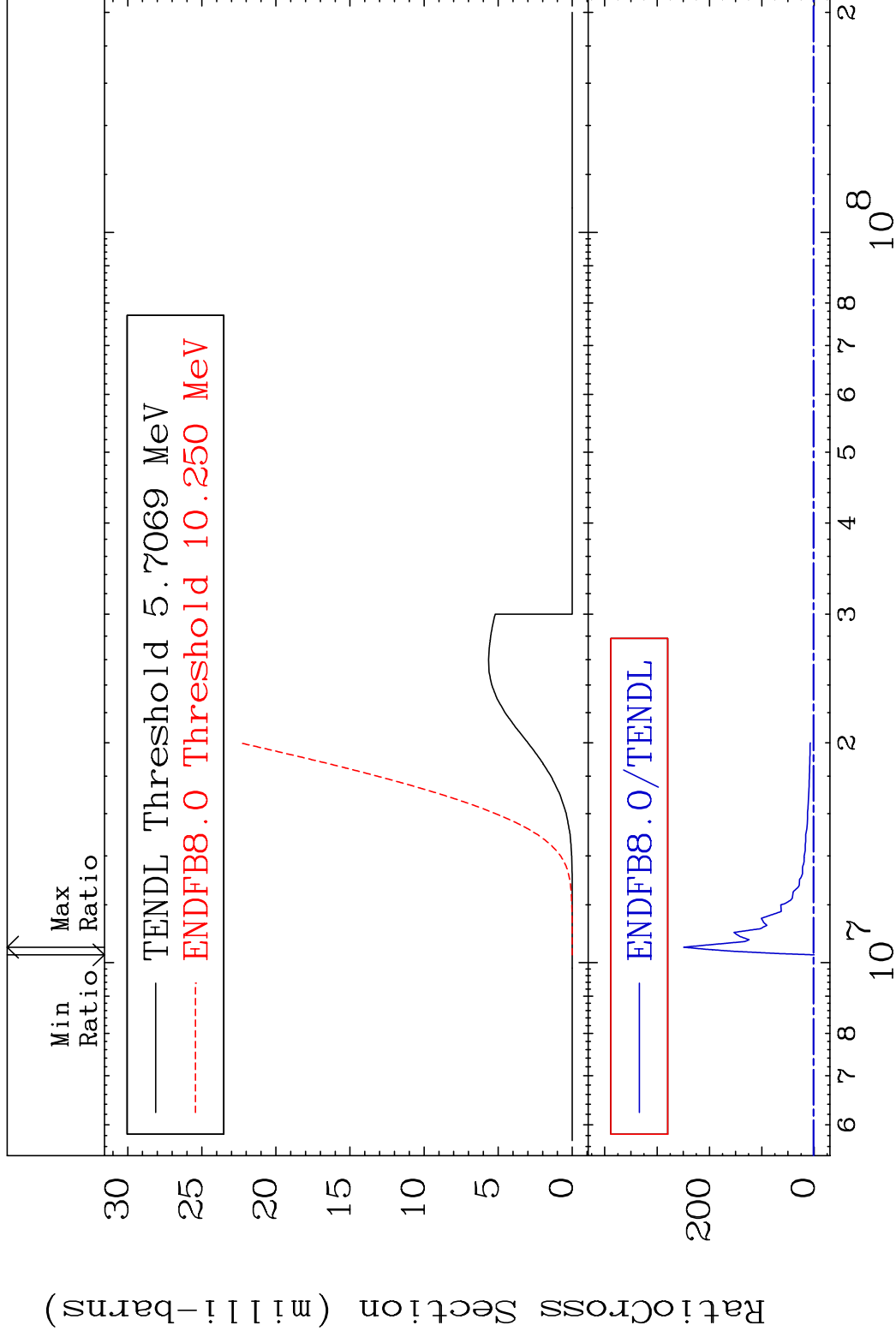
63-Eu-153

MAT 6331

(n, t)

63-Eu-153

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

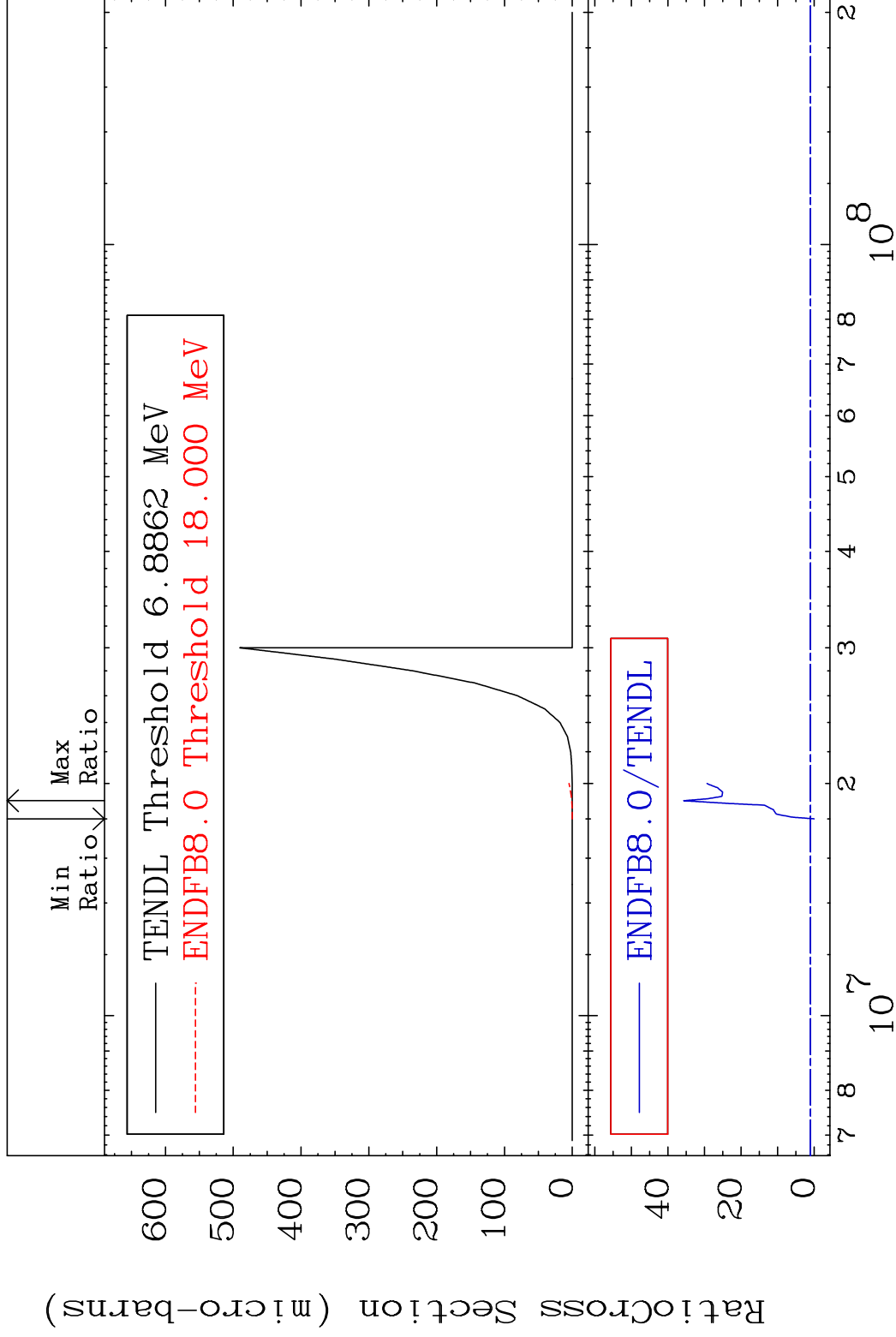
63-Eu-153

MAT 6331

(n, He-3)

63-Eu-153

Cross Section -100.0 To 3470. %



28

Incident Energy (eV)

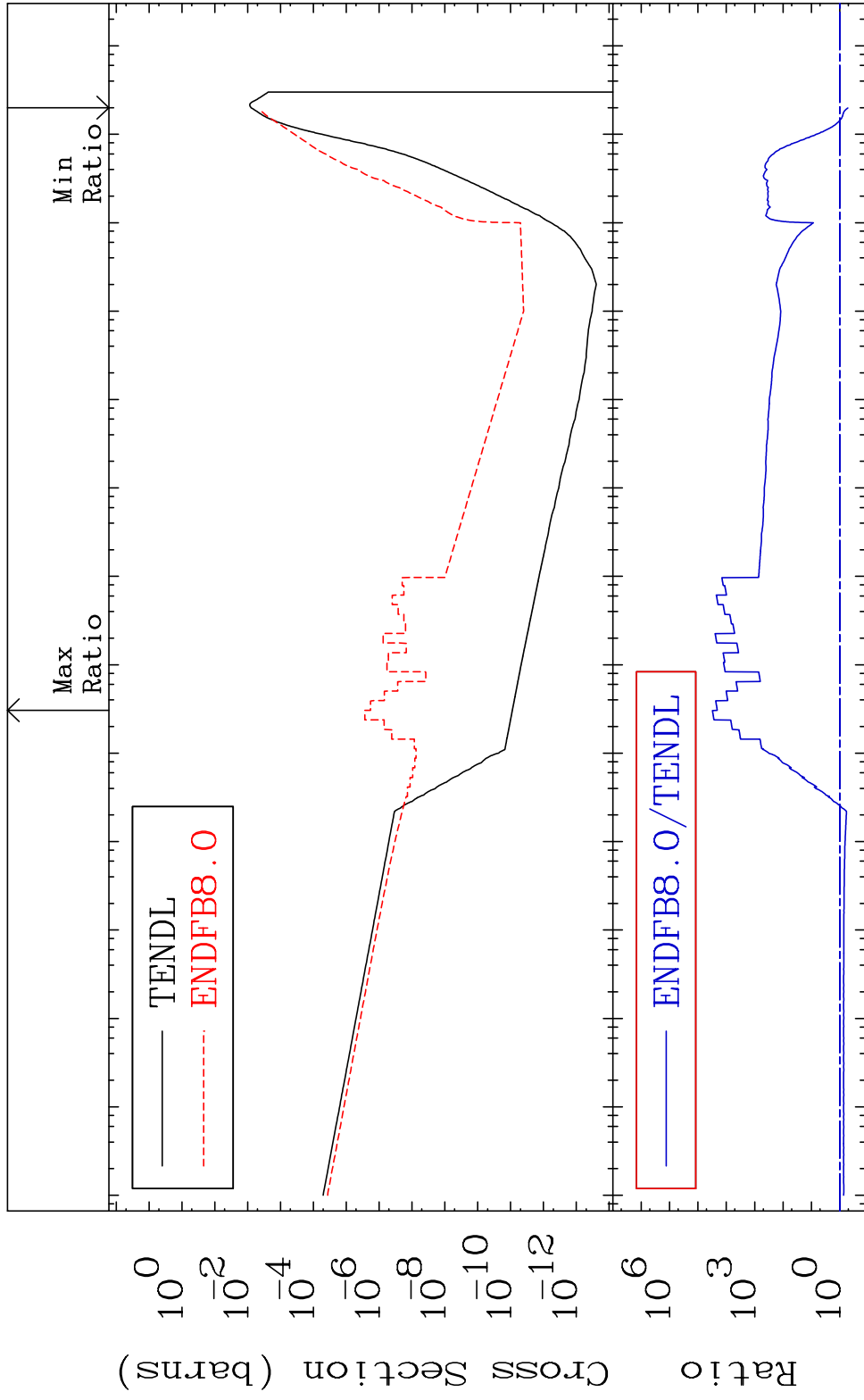
63-Eu-153

MAT 6331

(n,  $\alpha$ )

63-Eu-153

Cross Section -49.49 To 9999. %

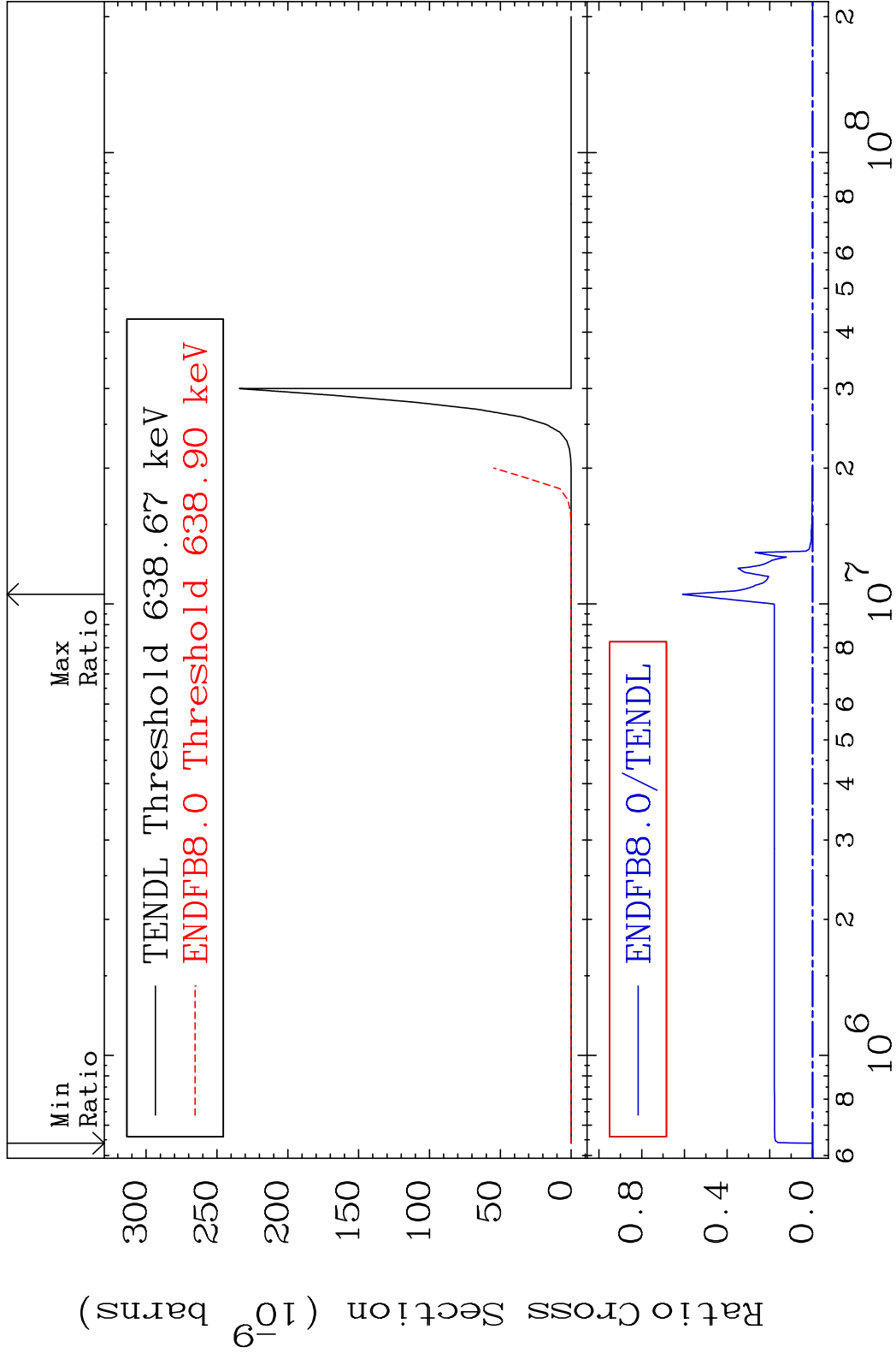


29

Incident Energy (eV)

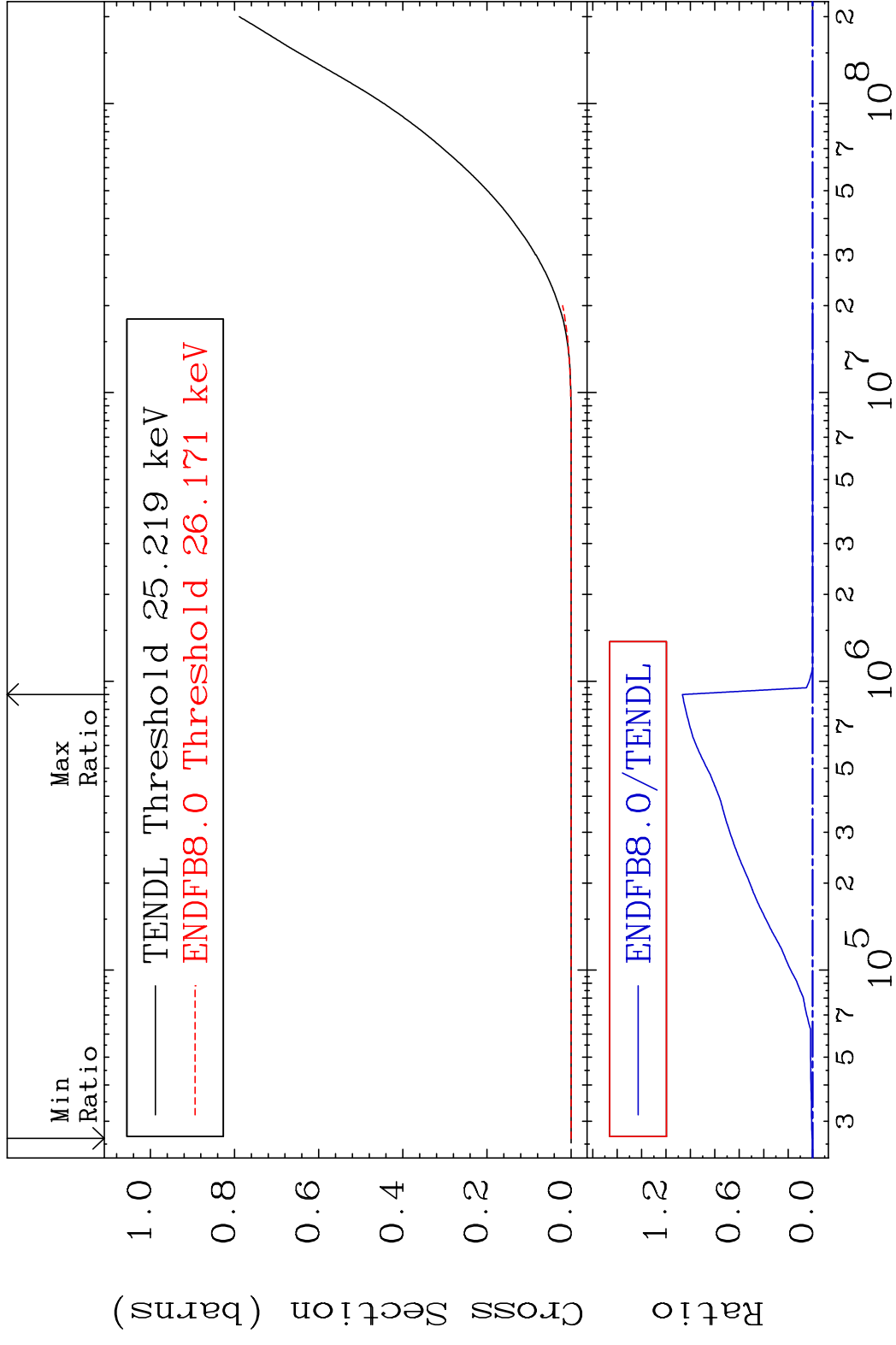
63-Eu-153

MAT 6331 (n,p)  $\alpha$  63-Eu-153  
 Cross Section -100.0 To 9999. %

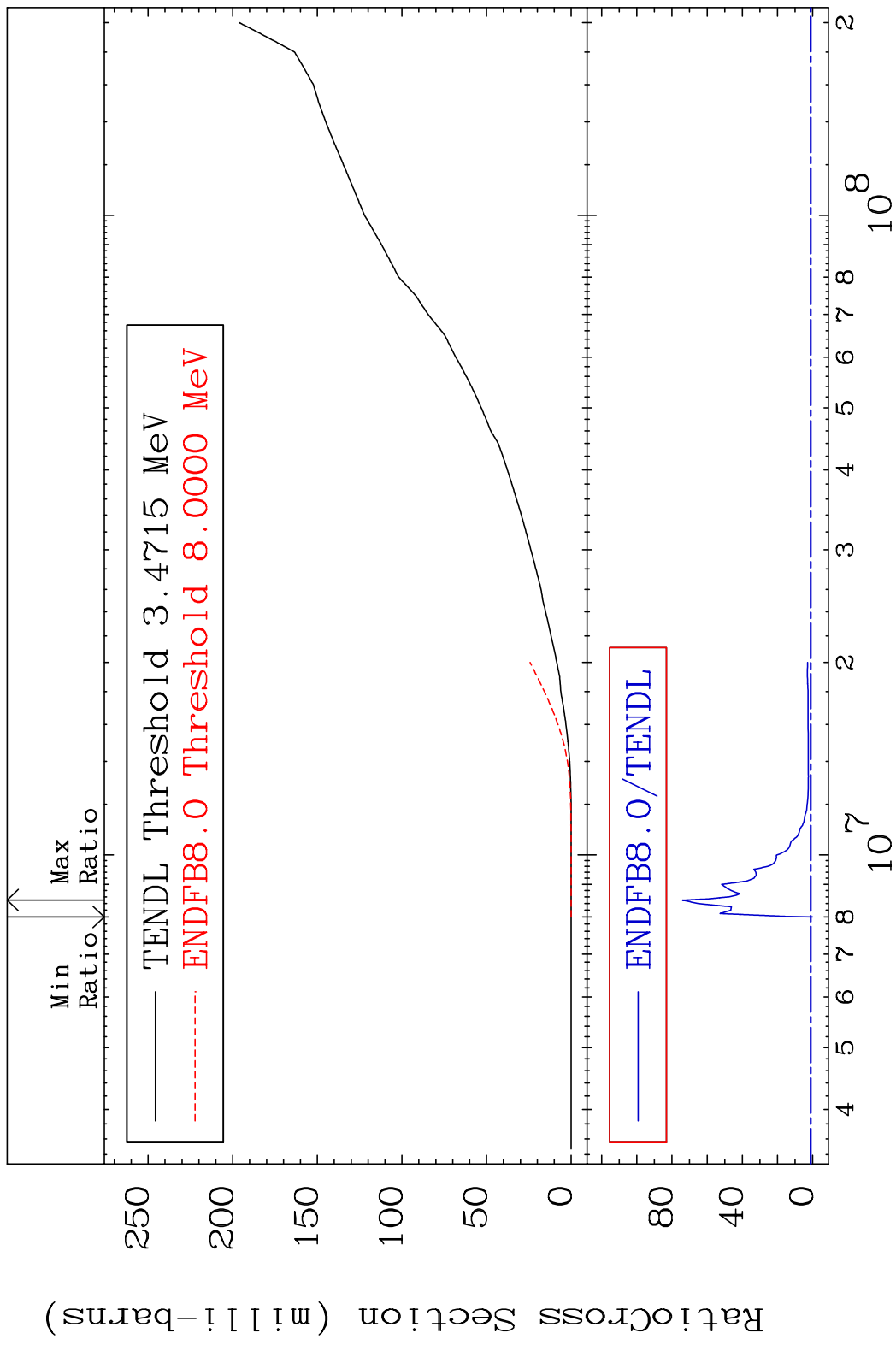


30 63-Eu-153

MAT 6331 Hydrogen Production 63-Eu-153  
 Cross Section -100.0 To 9999. %

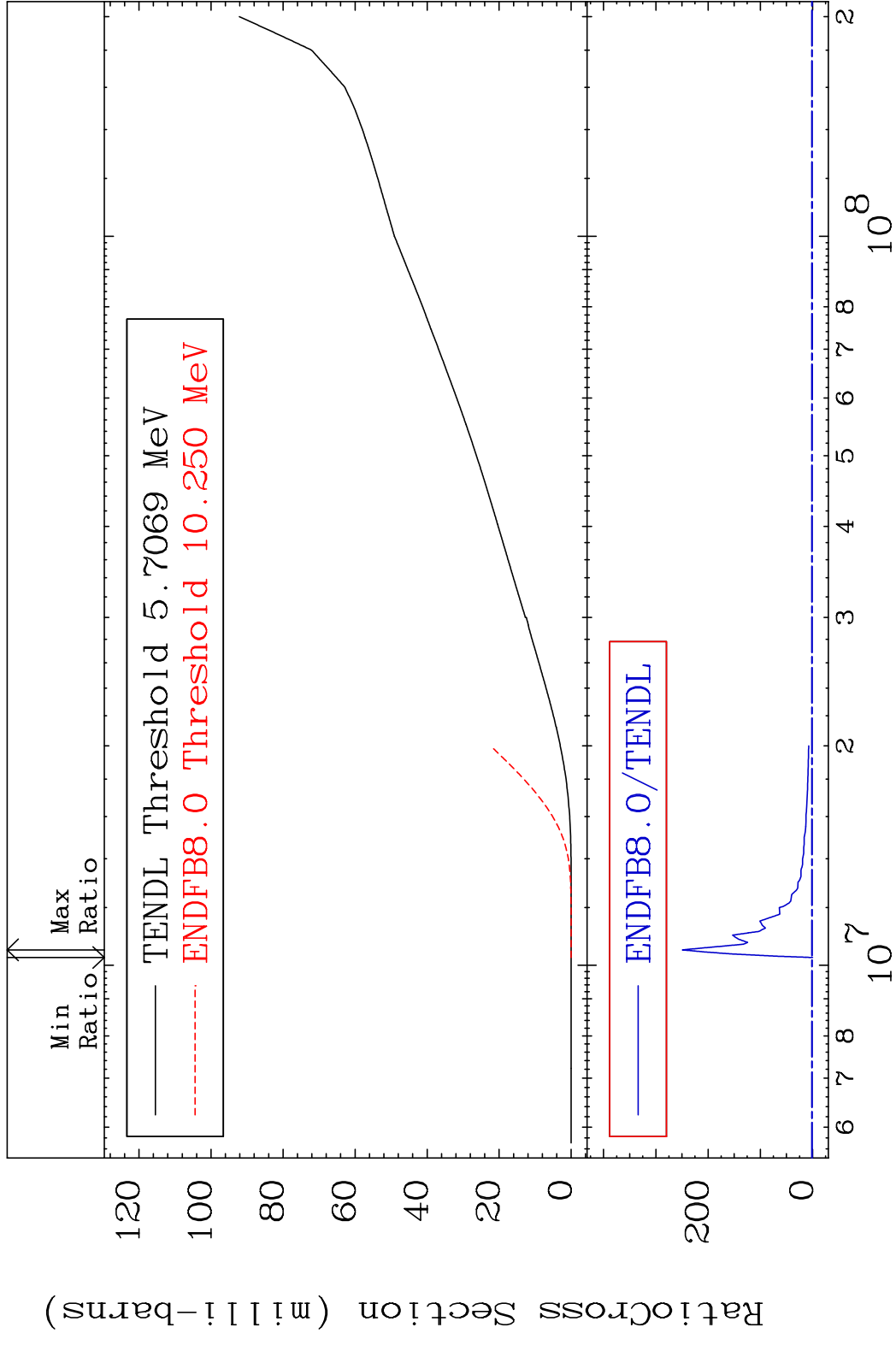


MAT 6331 Deuterium Production 63-Eu-153  
 Cross Section -100.0 To 7311. %



32 Incident Energy (eV) 63-Eu-153

MAT 6331 Tritium Production 63-Eu-153  
 Cross Section -100.0 To 9999. %

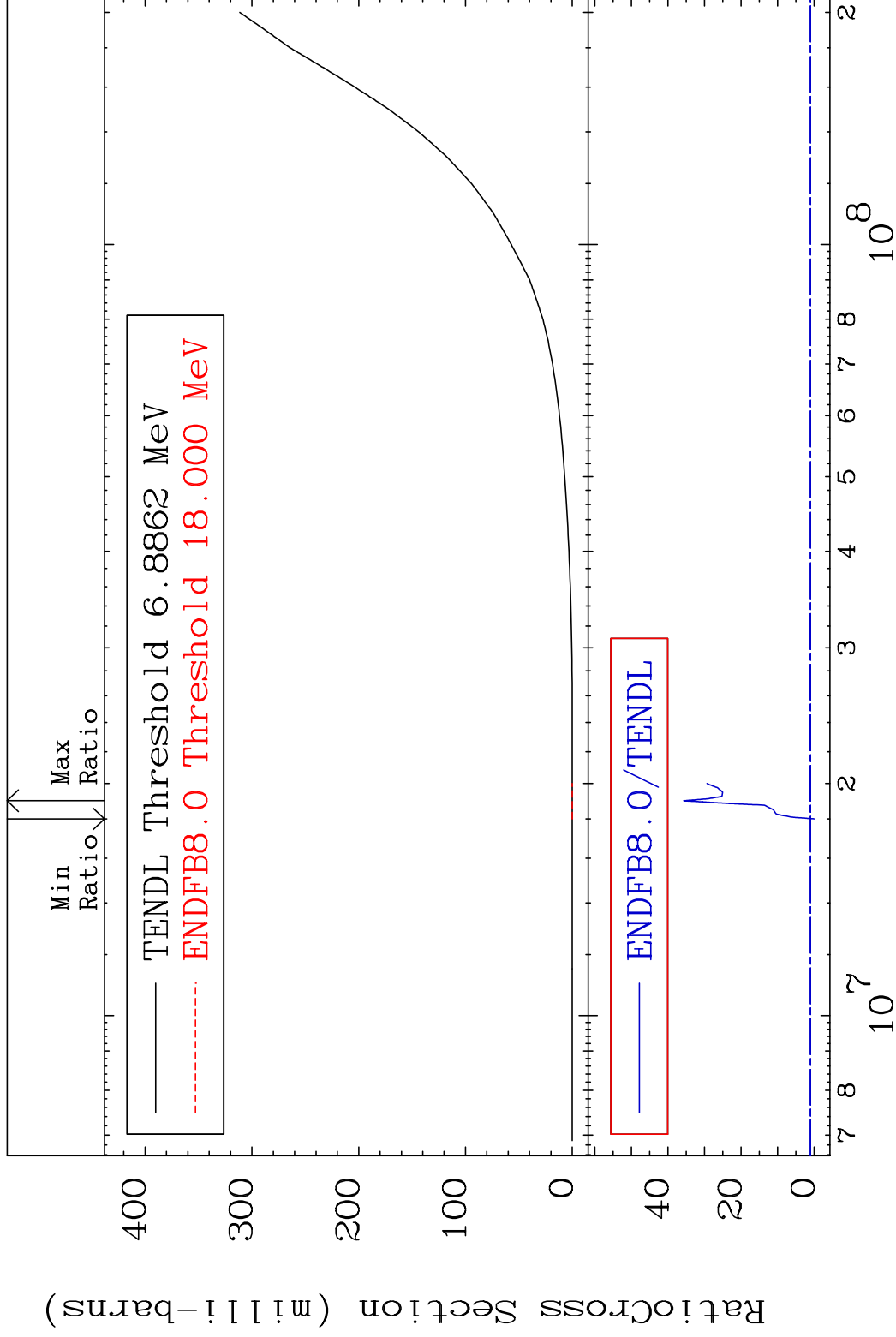


MAT 6331

He-3 Production

63-Eu-153

Cross Section -100.0 To 3470. %



34

Incident Energy (eV)

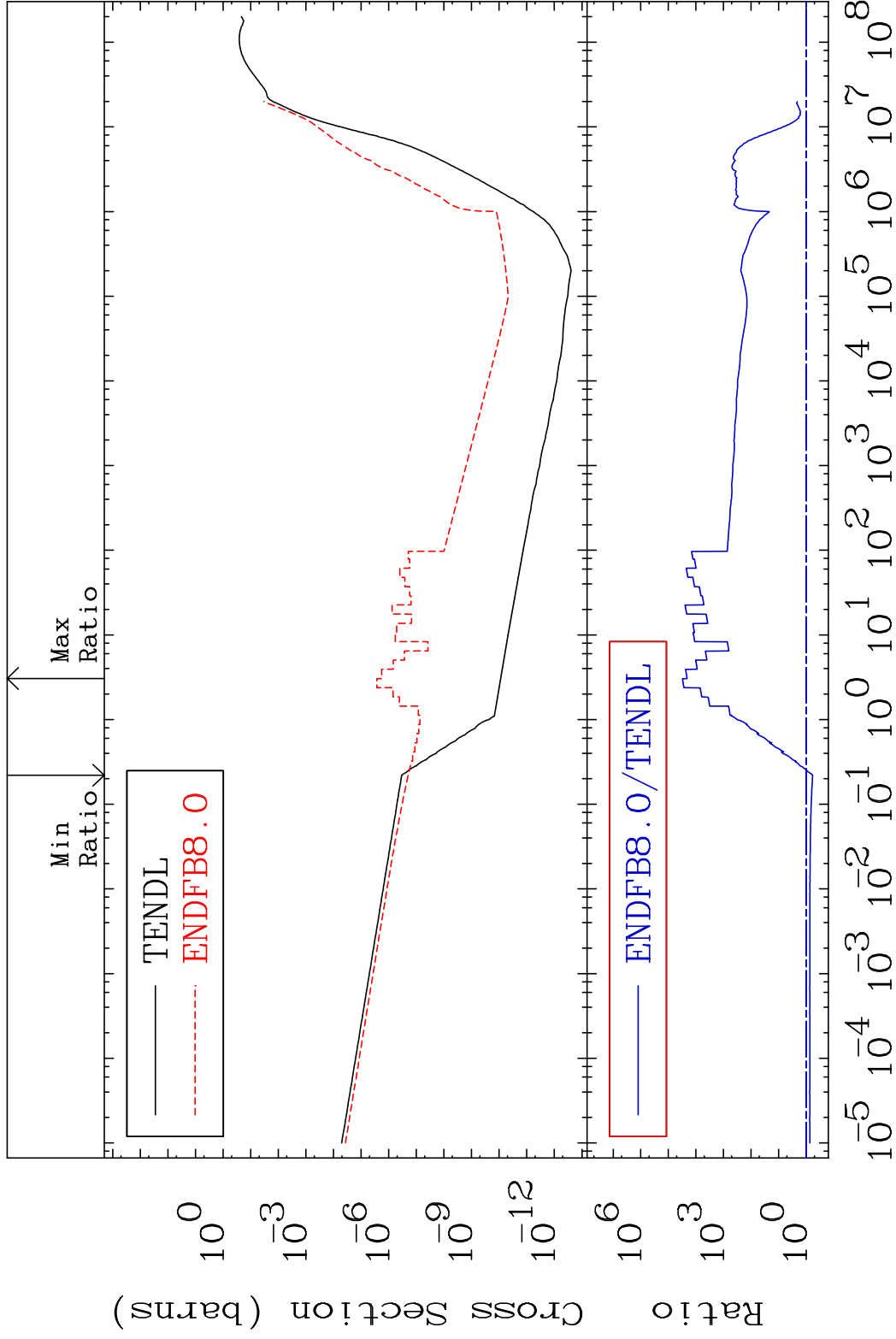
63-Eu-153

MAT 6331

He-4 Production

63-Eu-153

Cross Section -41.62 To 9999. %

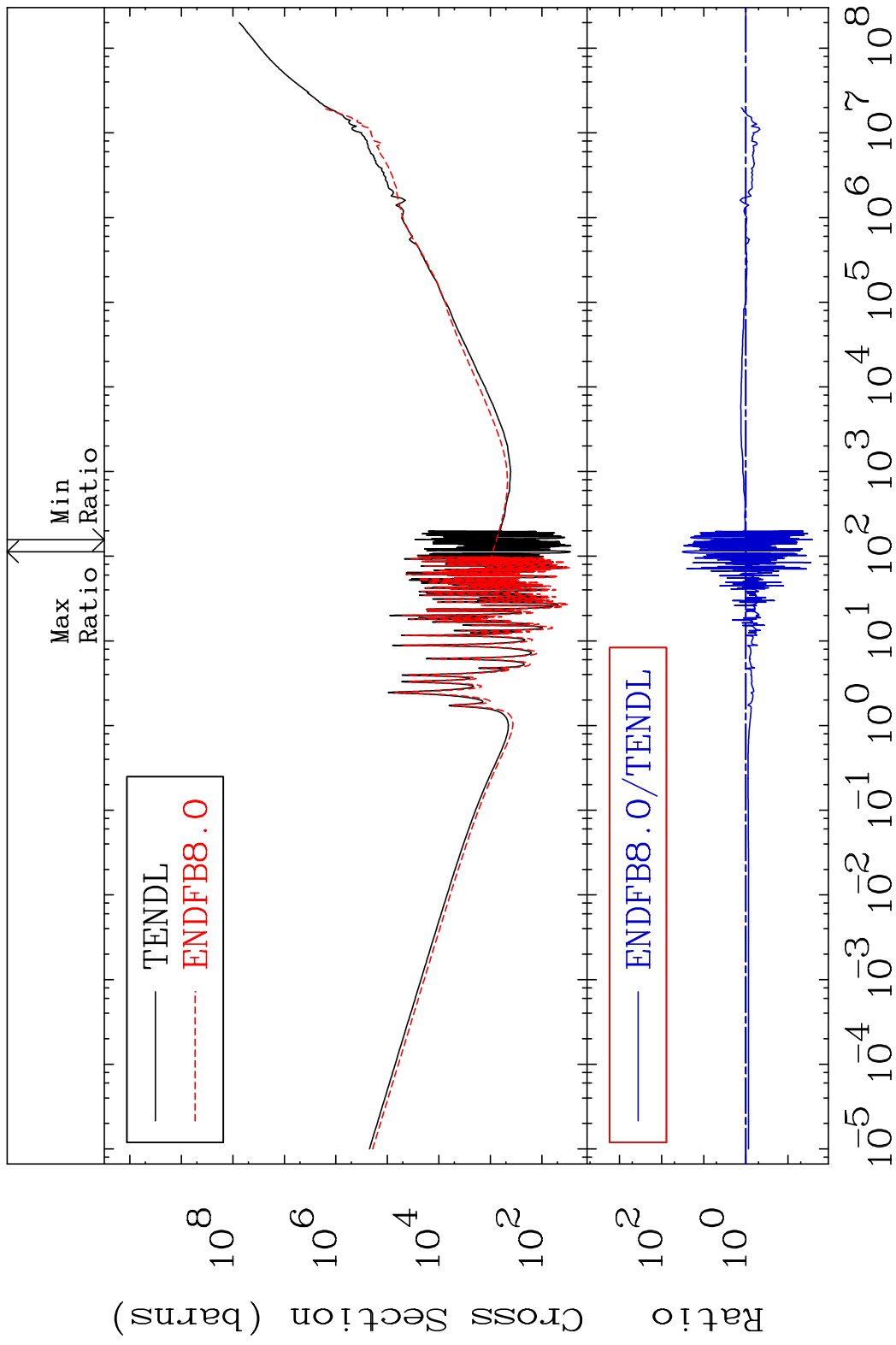


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Incident Energy (eV)

63-Eu-153

MAT 6331 Kerma total (eV-barns) 63-Eu-153  
 Cross Section -97.38 To 3122. %

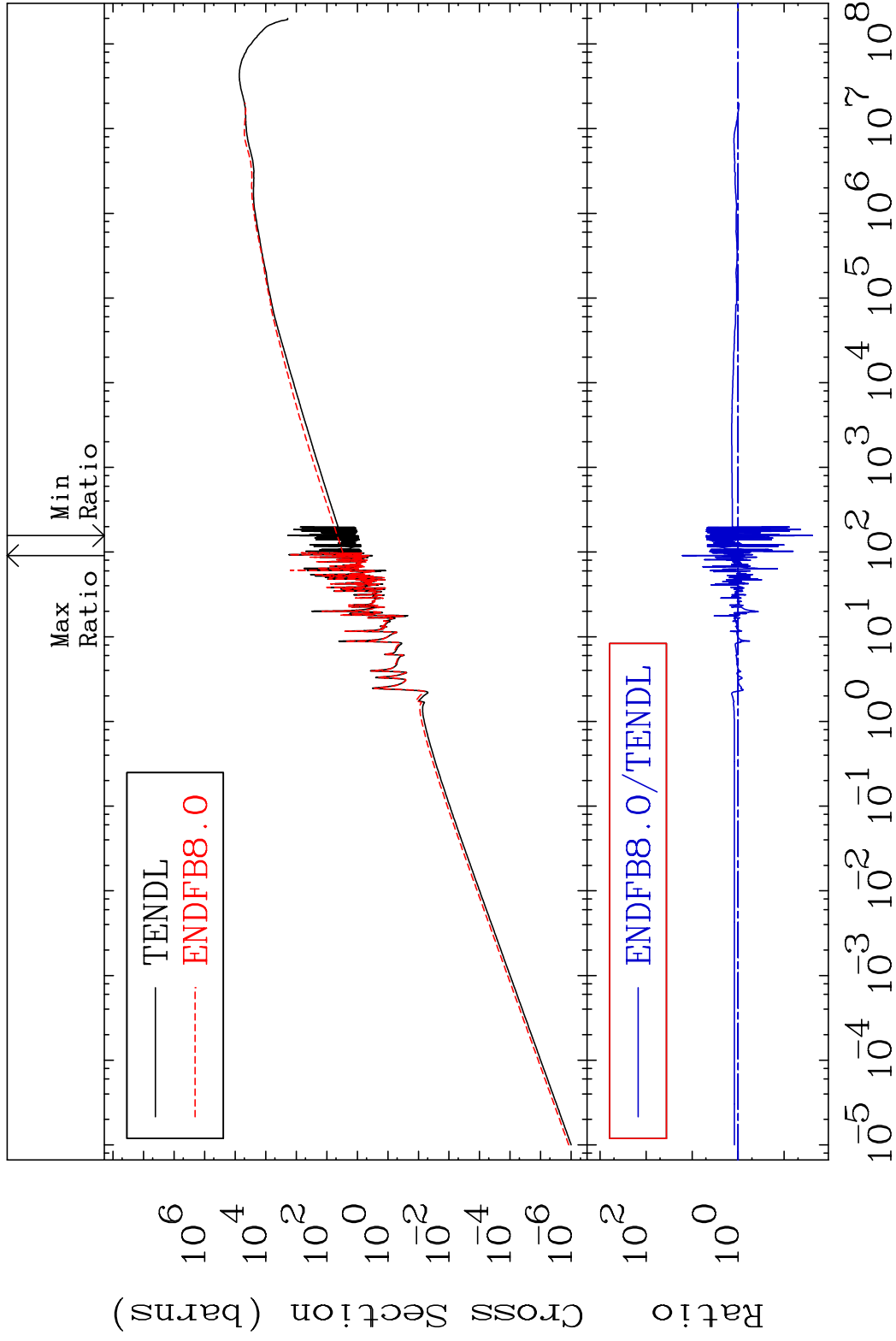


36 Incident Energy (eV) 63-Eu-153

MAT 6331

Kerma elastic  
Cross Section

63-Eu-153  
-97.60 To 1528. %

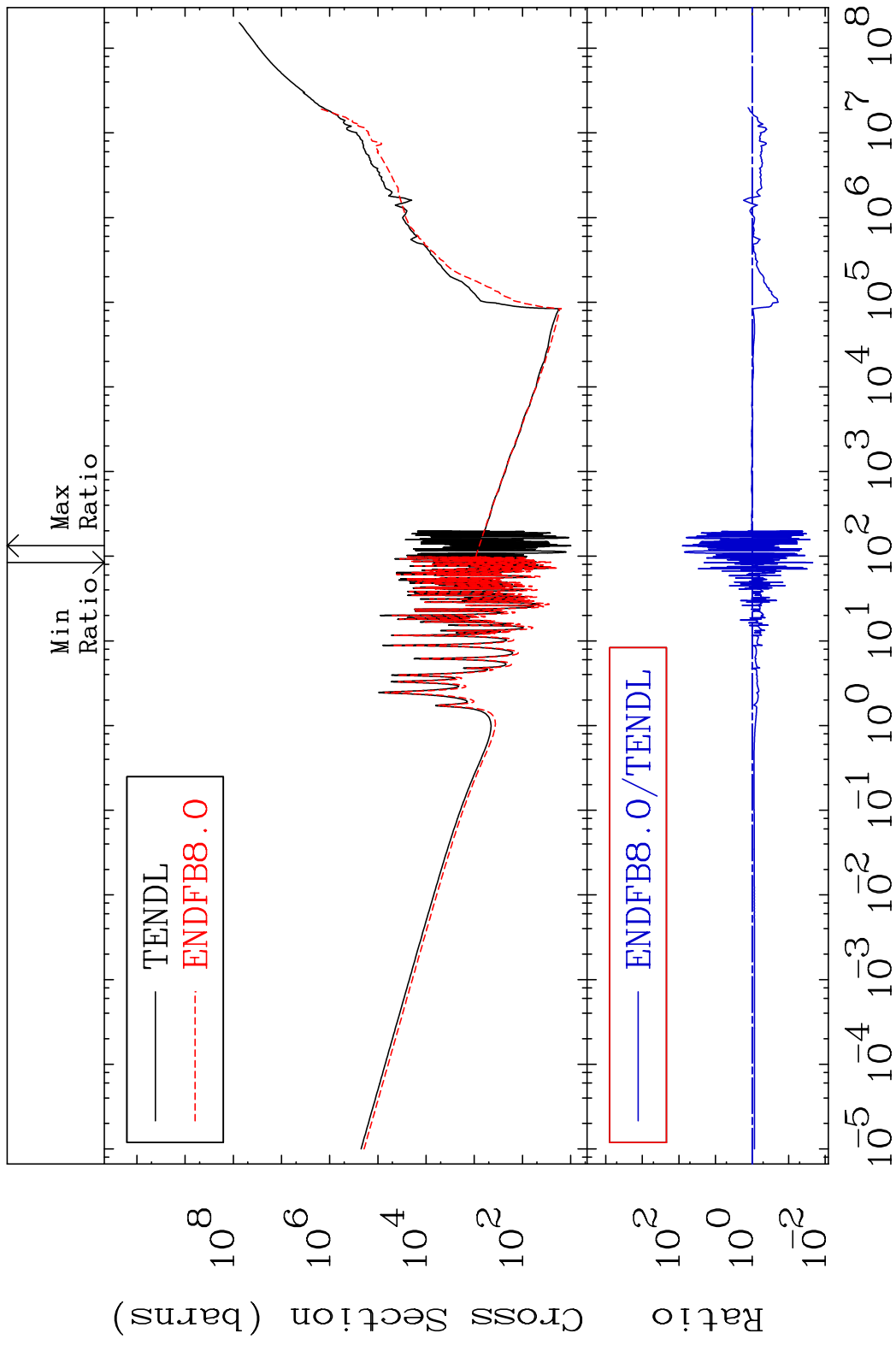


37

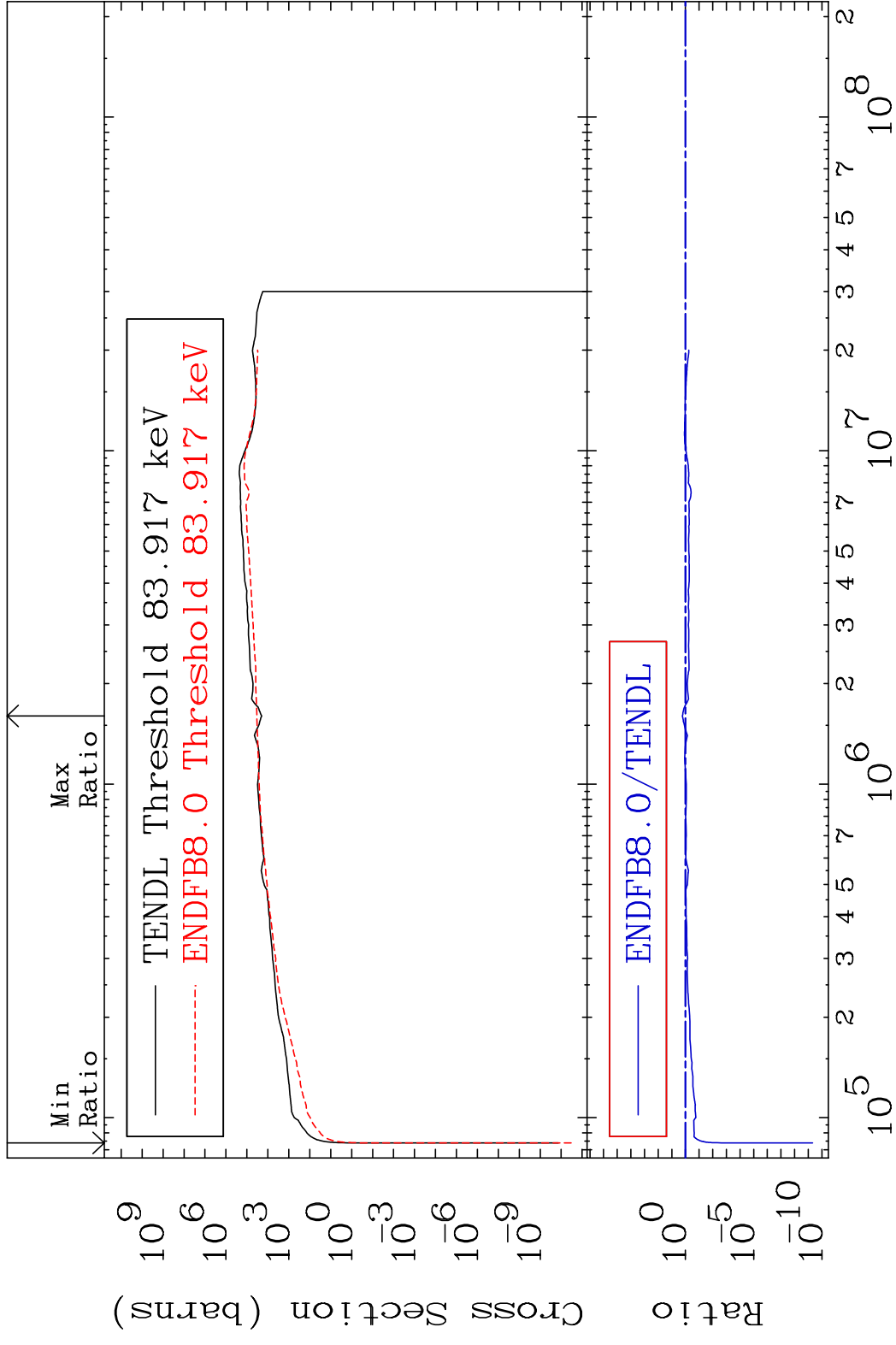
Incident Energy (eV)

63-Eu-153

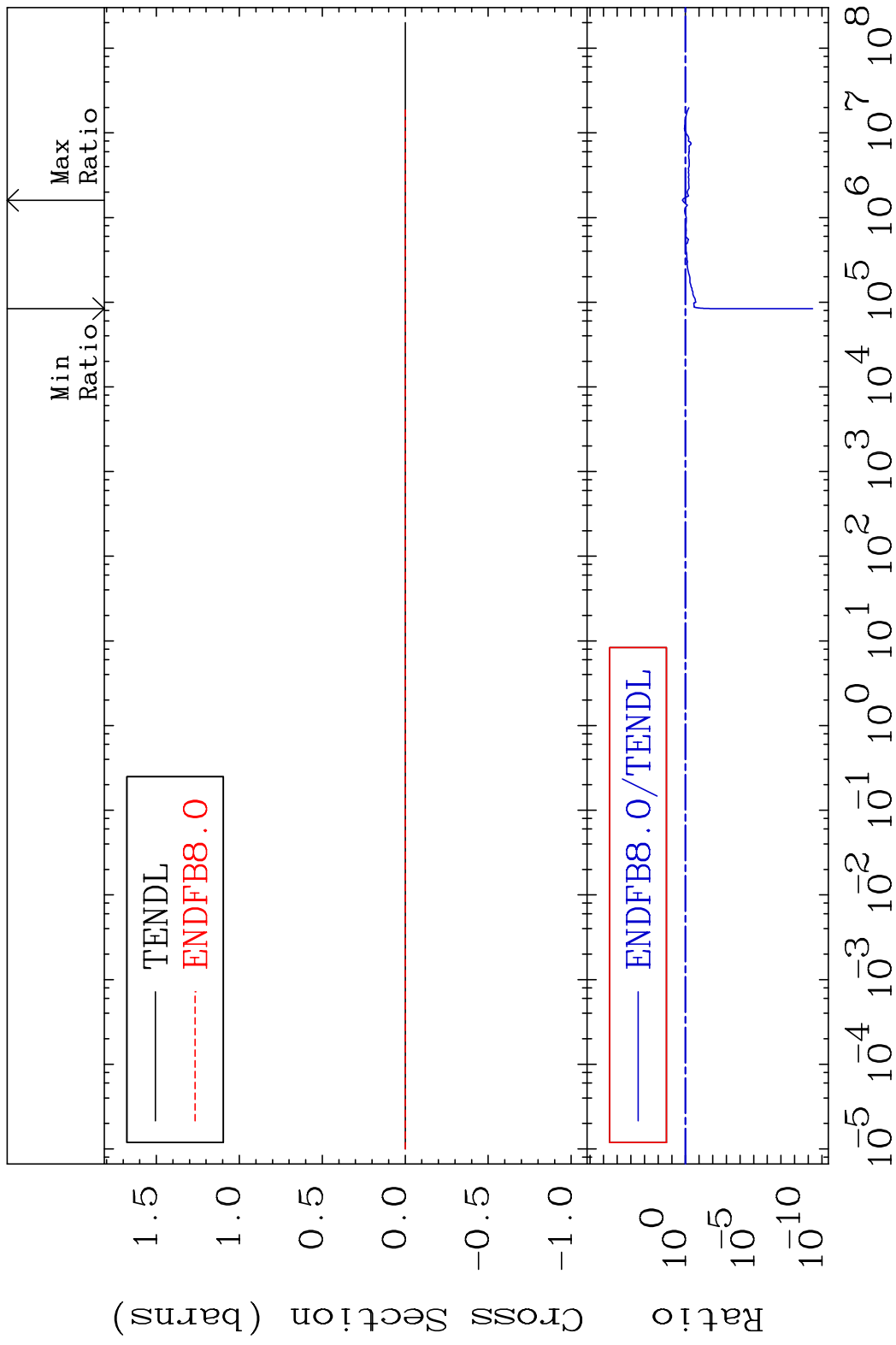
MAT 6331 Kerma non-elastic (all but mt2) 63-Eu-153  
 Cross Section -97.78 To 7958. %



MAT 6331 Kerma inelastic (mt51-91) 63-Eu-153  
 Cross Section -100.0 To 68.78 %

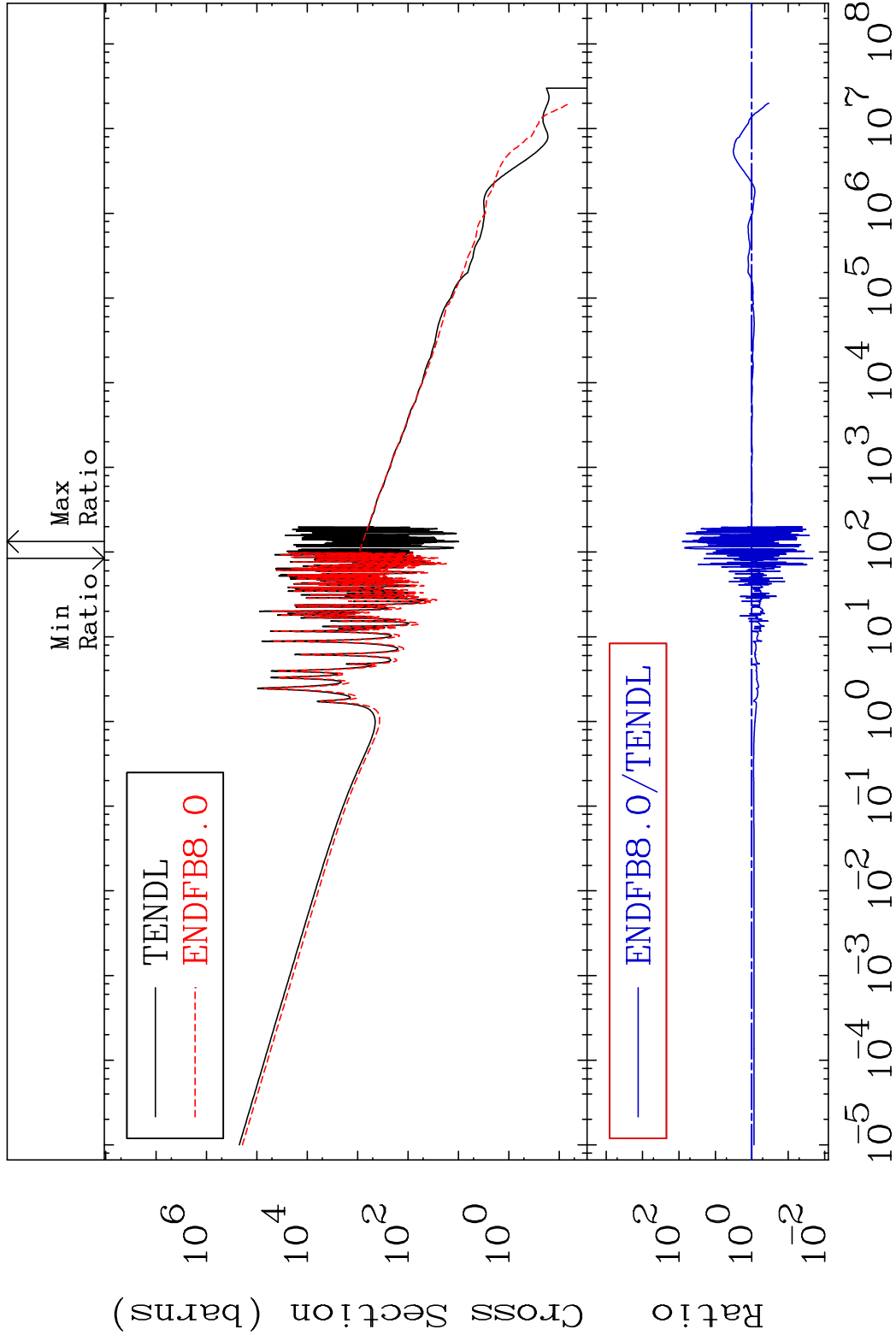


MAT 6331 Kerma fission (mt18 or mt19-20-21-38) 63-Eu-153  
 Cross Section -100.0 To 68.78 %



MAT 6331

Kerma capture (mt102) 63-Eu-153  
Cross Section -97.86 To 7957. %

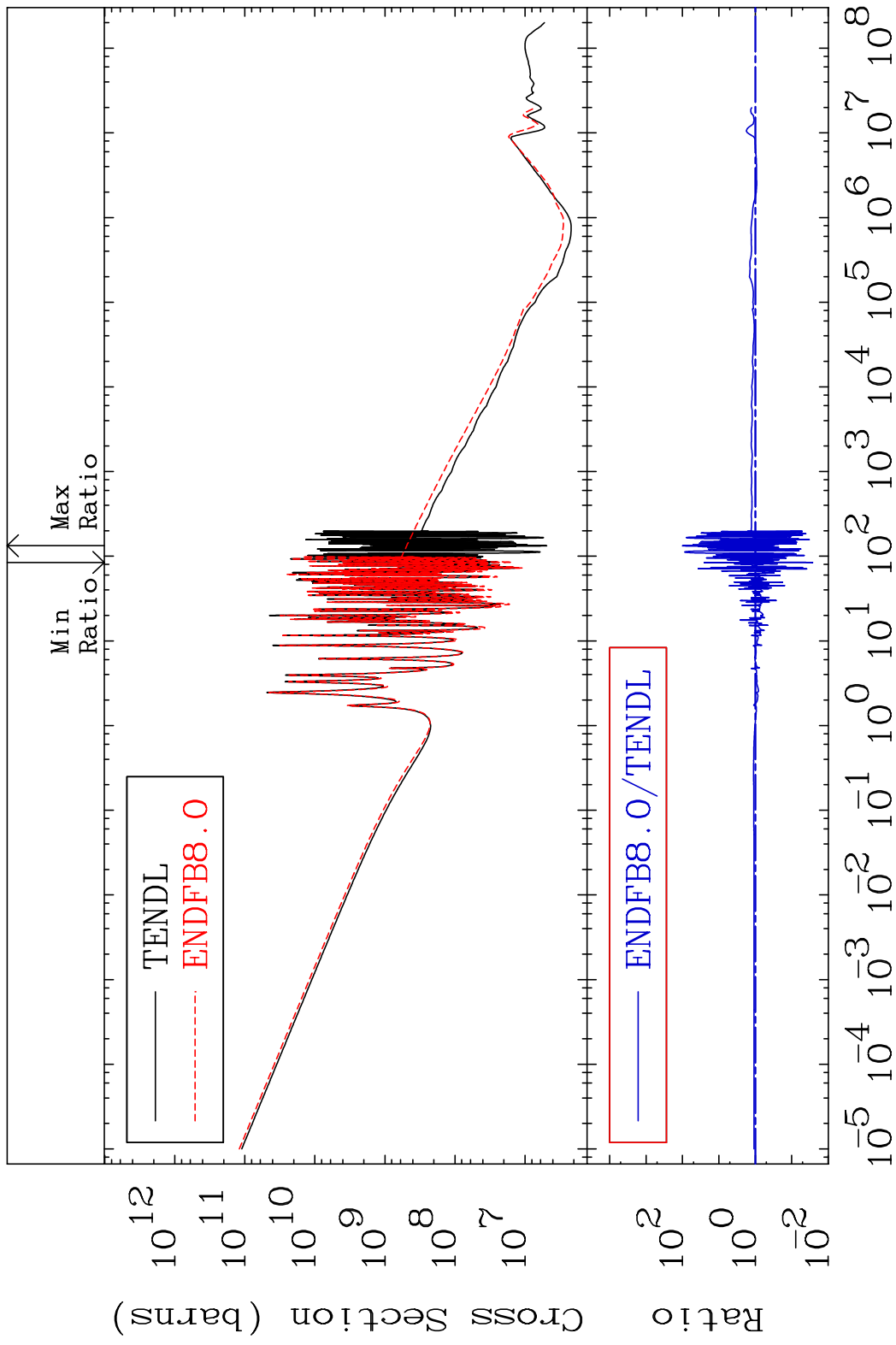


41

Incident Energy (eV)

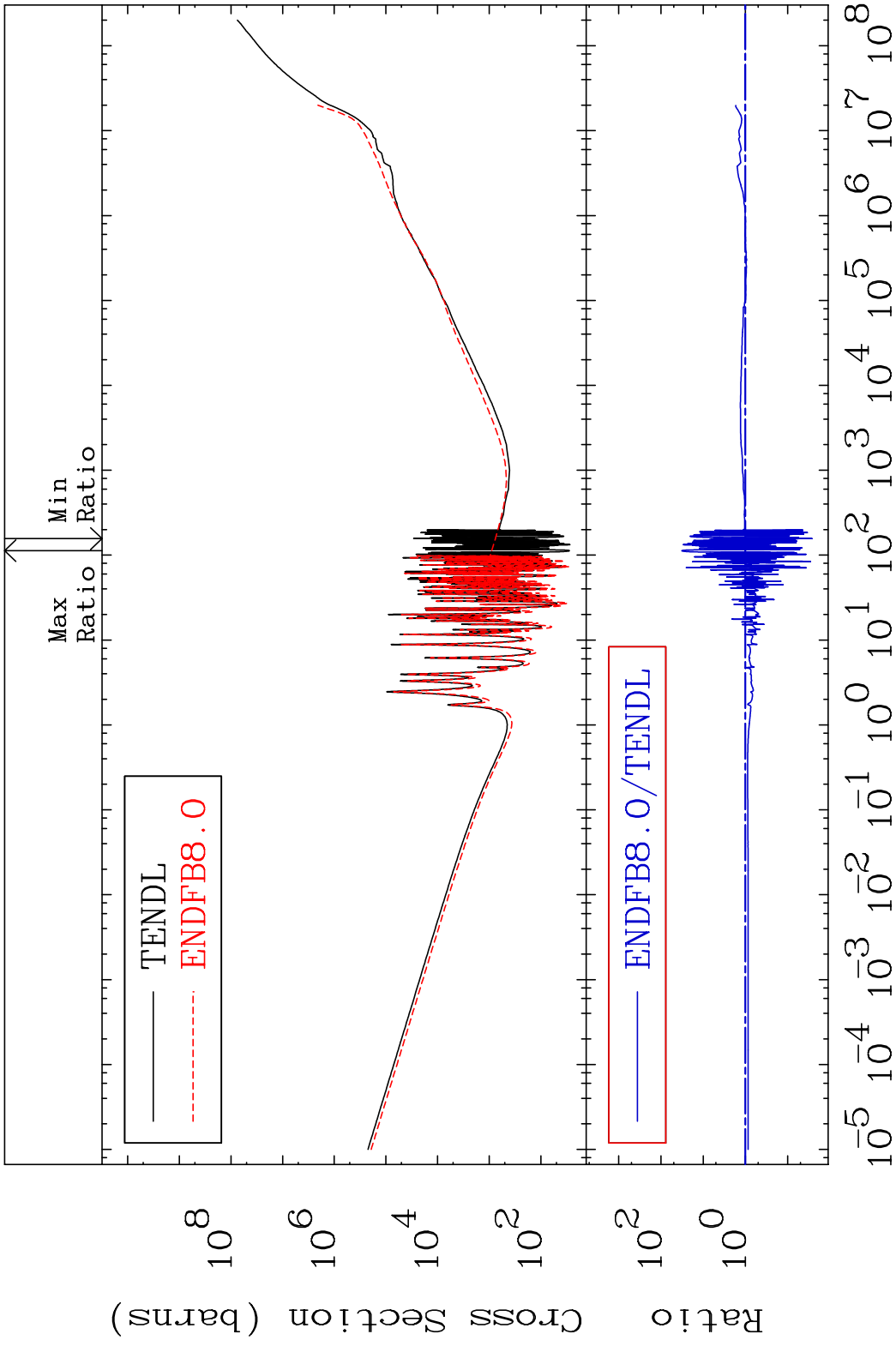
63-Eu-153

MAT 6331 Total photon (eV-barns) 63-Eu-153  
 Cross Section -97.32 To 9986. %

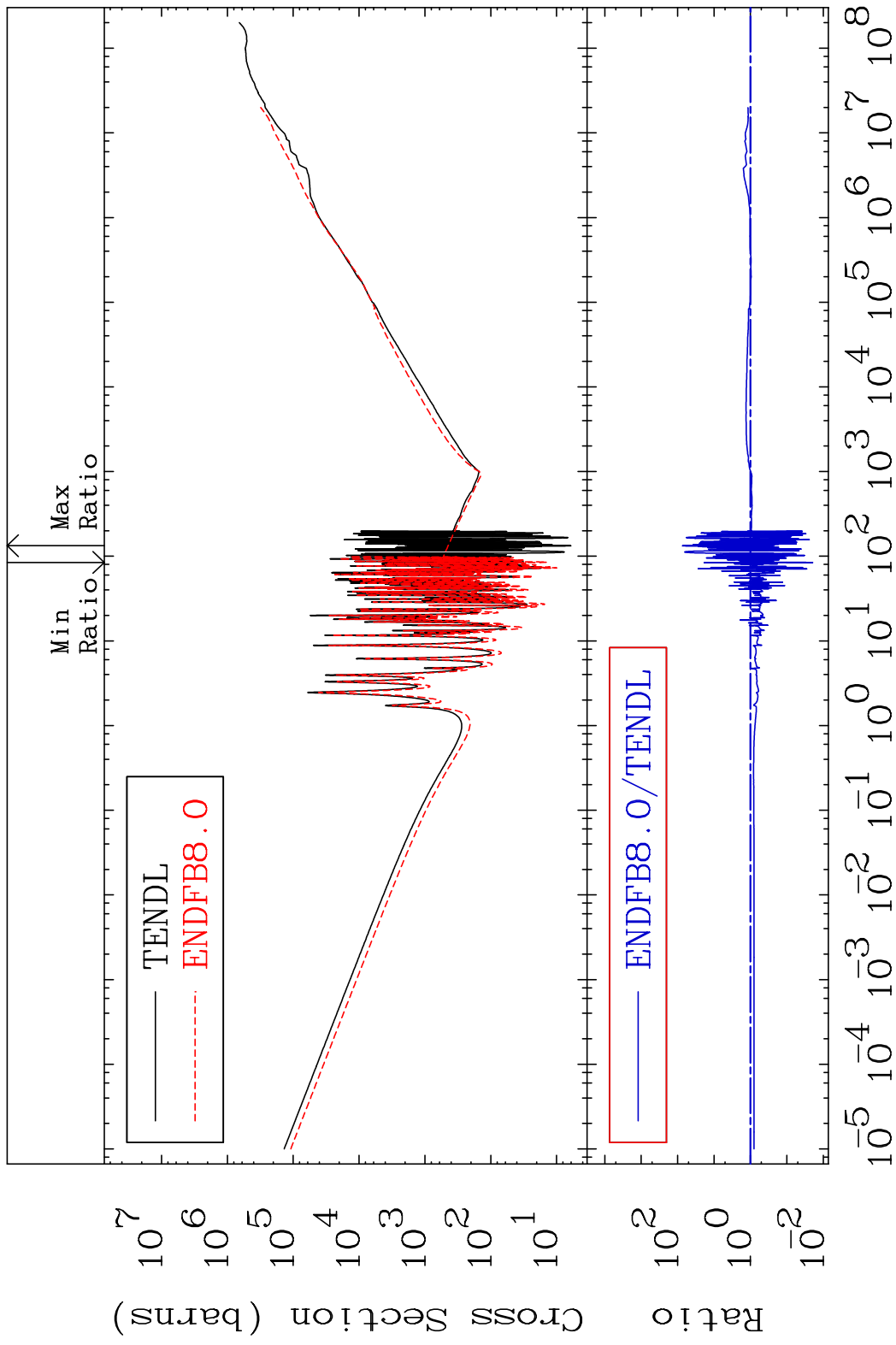


42 Incident Energy (eV) 63-Eu-153

MAT 6331 Total kinematic kerma (high limit) 63-Eu-153  
 Cross Section -97.38 To 3122. %



MAT 6331      Dpa total (eV-barns)      63-Eu-153  
 Cross Section      -98.03 To 7301. %

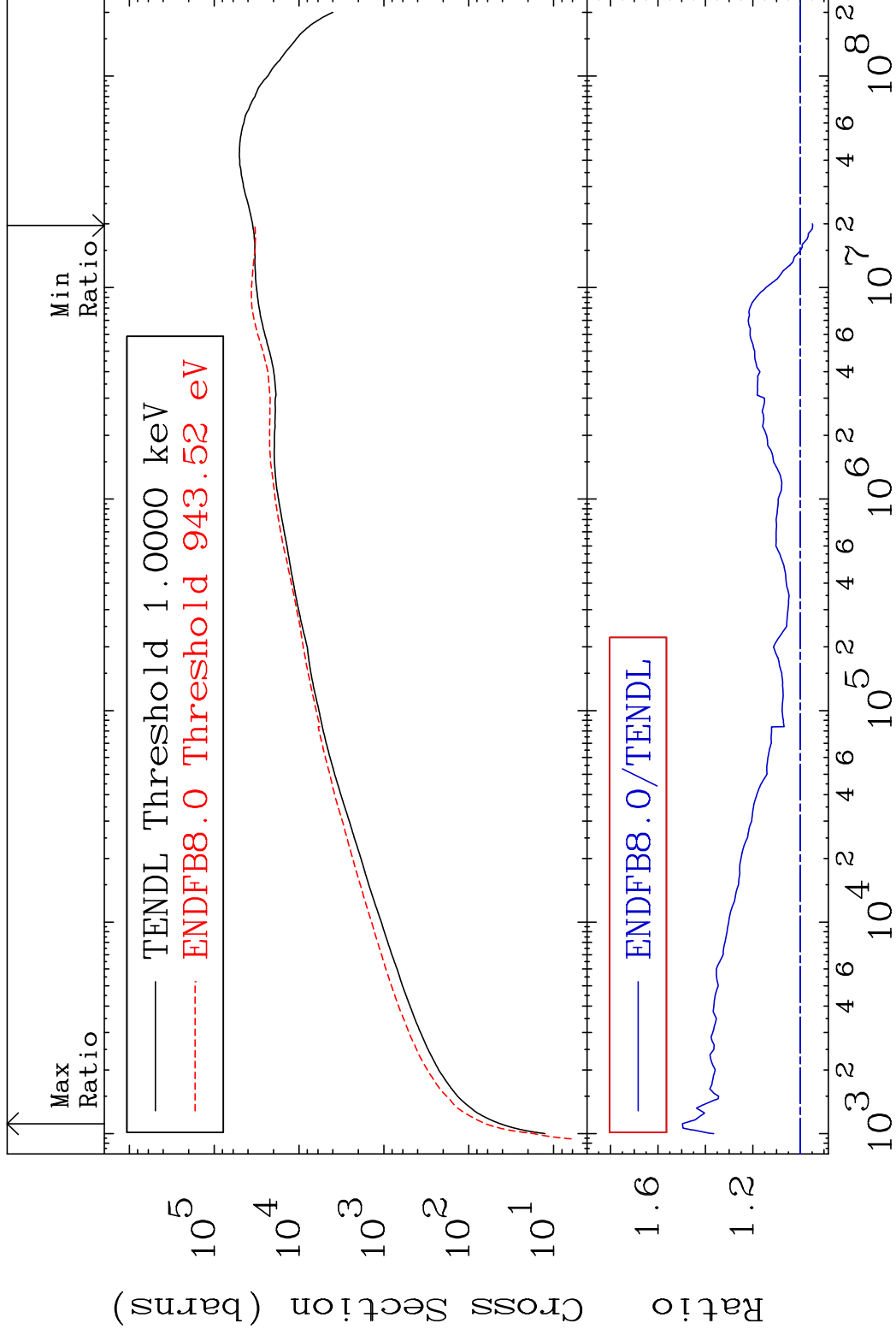


MAT 6331

Dpa elastic (mt2)

63-Eu-153

Cross Section -5.201 To 49.72 %

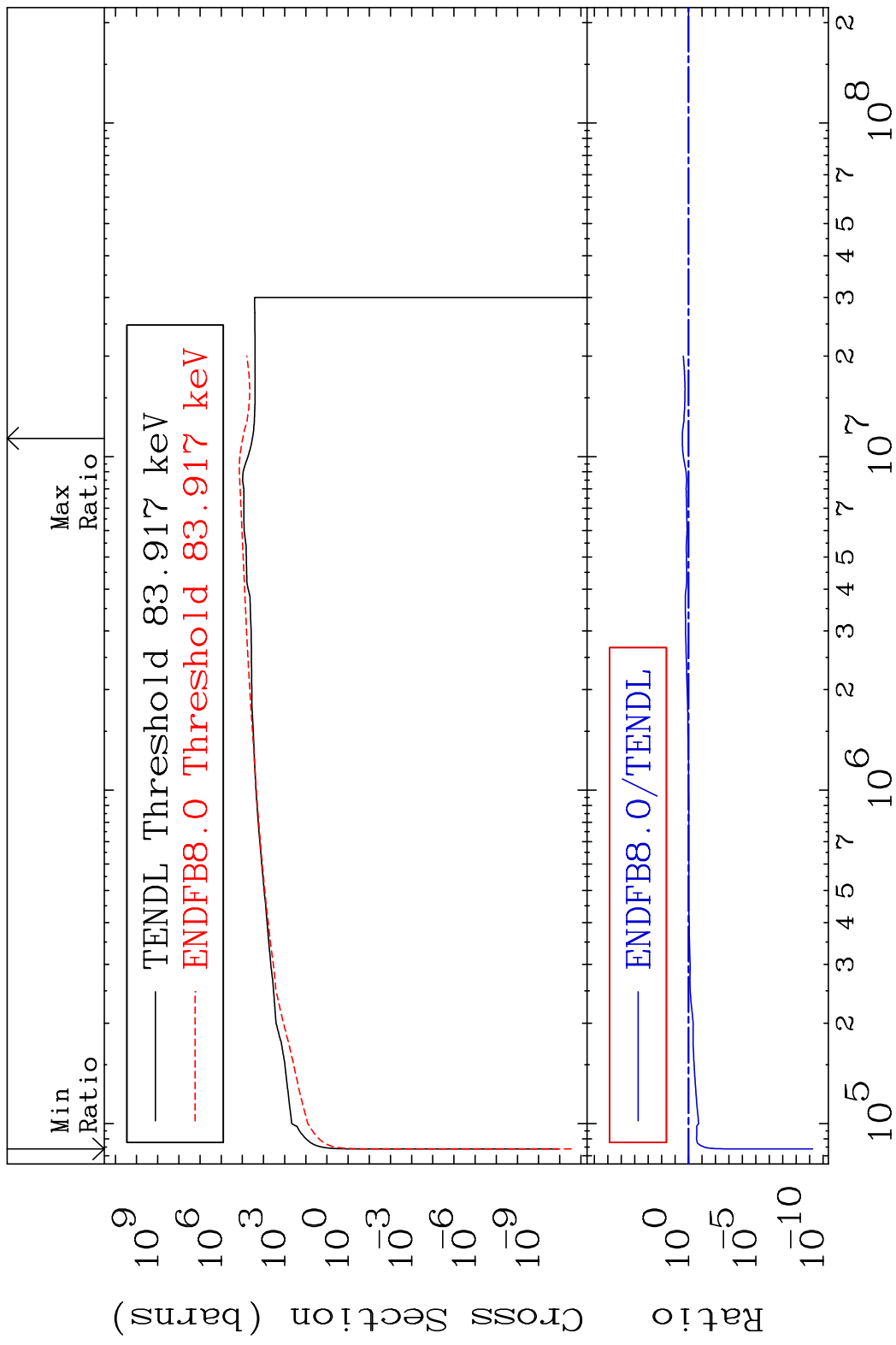


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Incident Energy (eV)

63-Eu-153

MAT 6331    Dpa inelastic (mt51-91)    63-Eu-153  
 Cross Section    -100.0 To 184.4 %



46    Incident Energy (eV)    63-Eu-153

MAT 6331 Dpa disappearance (mt102 -120) 63-Eu-153  
 Cross Section -98.03 To 7301. %

