

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

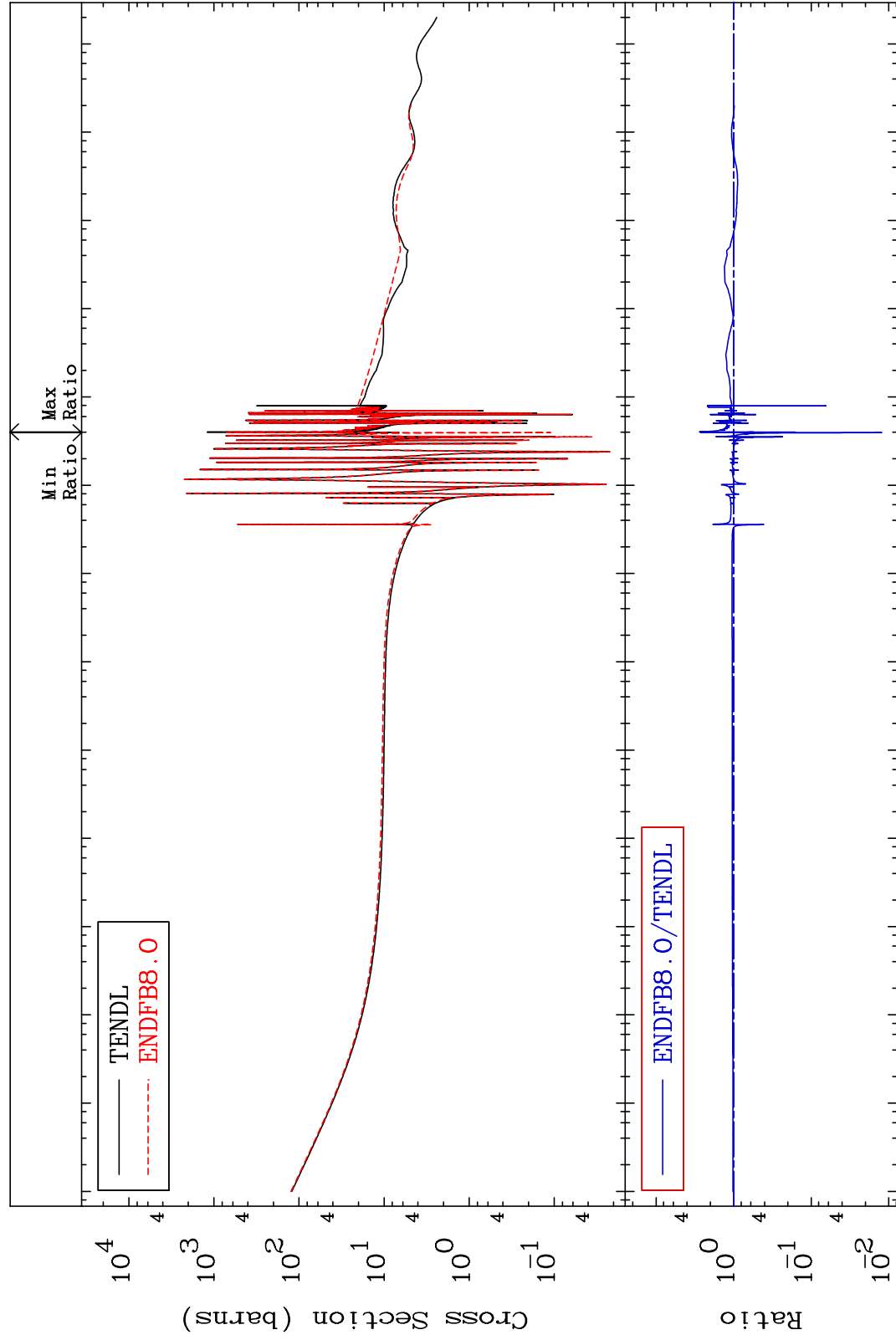
MAT 6037

Total

60-Nd-146

Cross Section

-98.76 To 178.9 %



Incident Energy (eV)

60-Nd-146

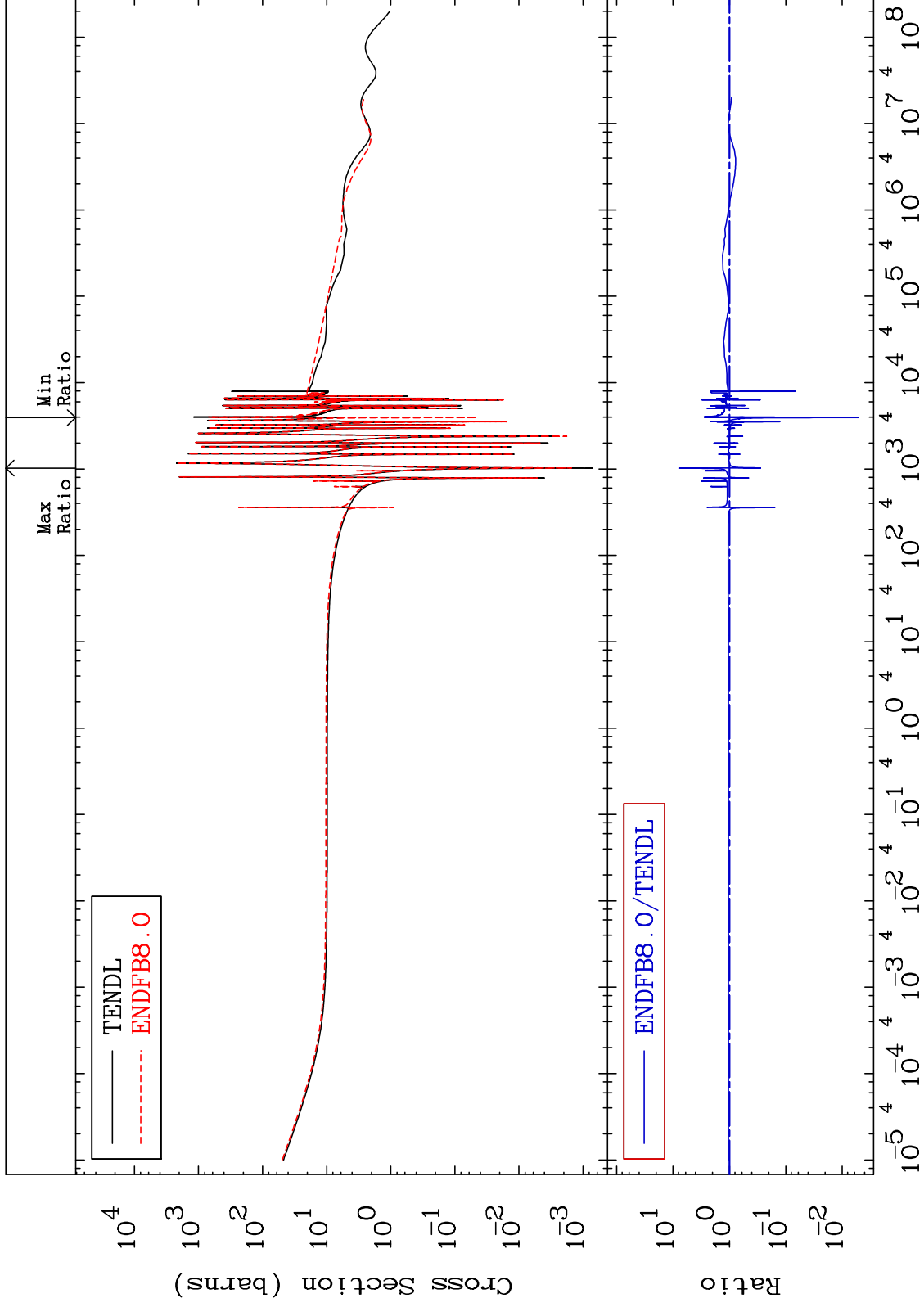
MAT 6037

Elastic

60-Nd-146

Cross Section

-99.48 To 658.7 %

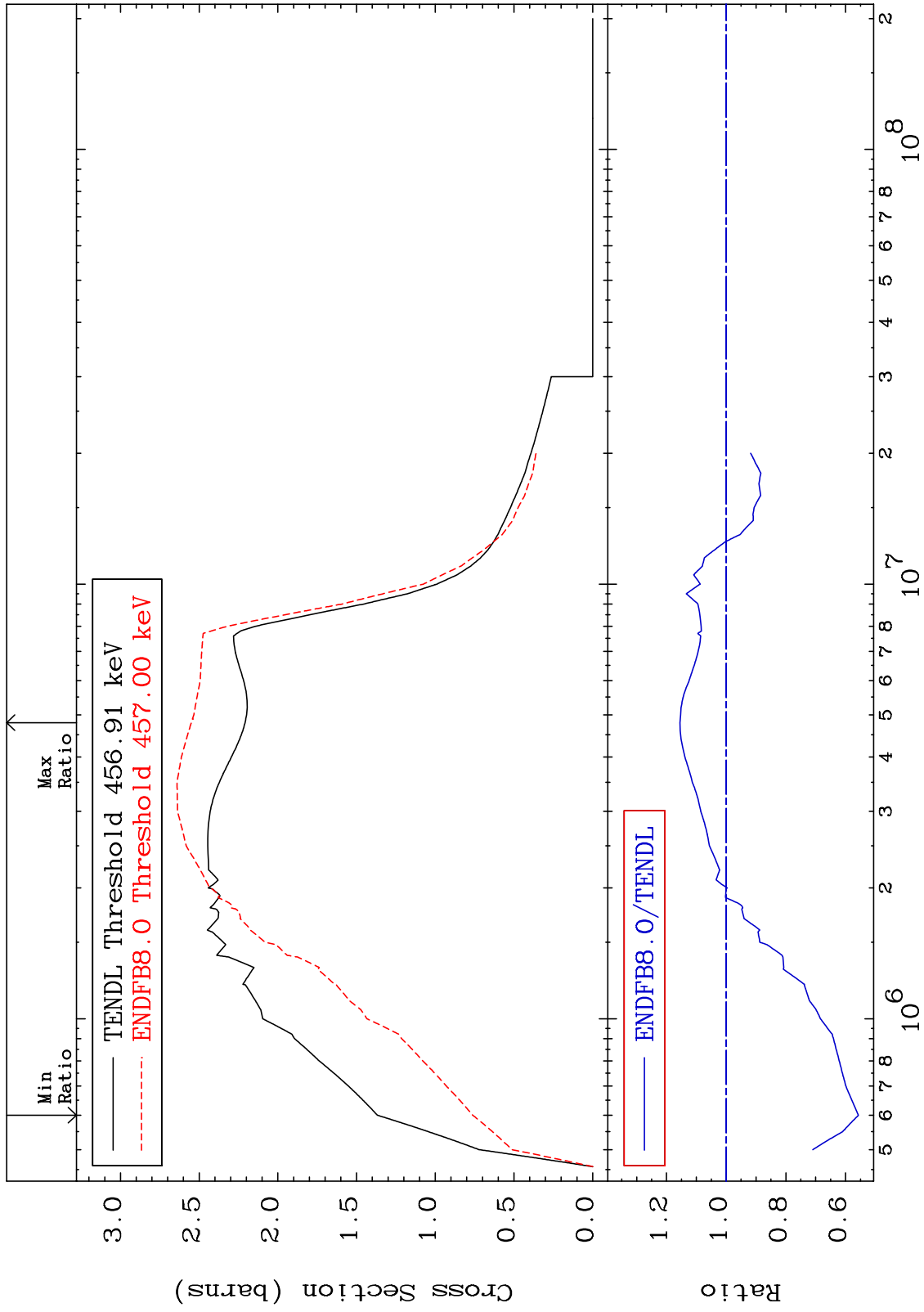


Incident Energy (eV)

60-Nd-146

2

MAT 6037 60-Nd-146 -44.31 To 15.47 % Inelastic Cross Section



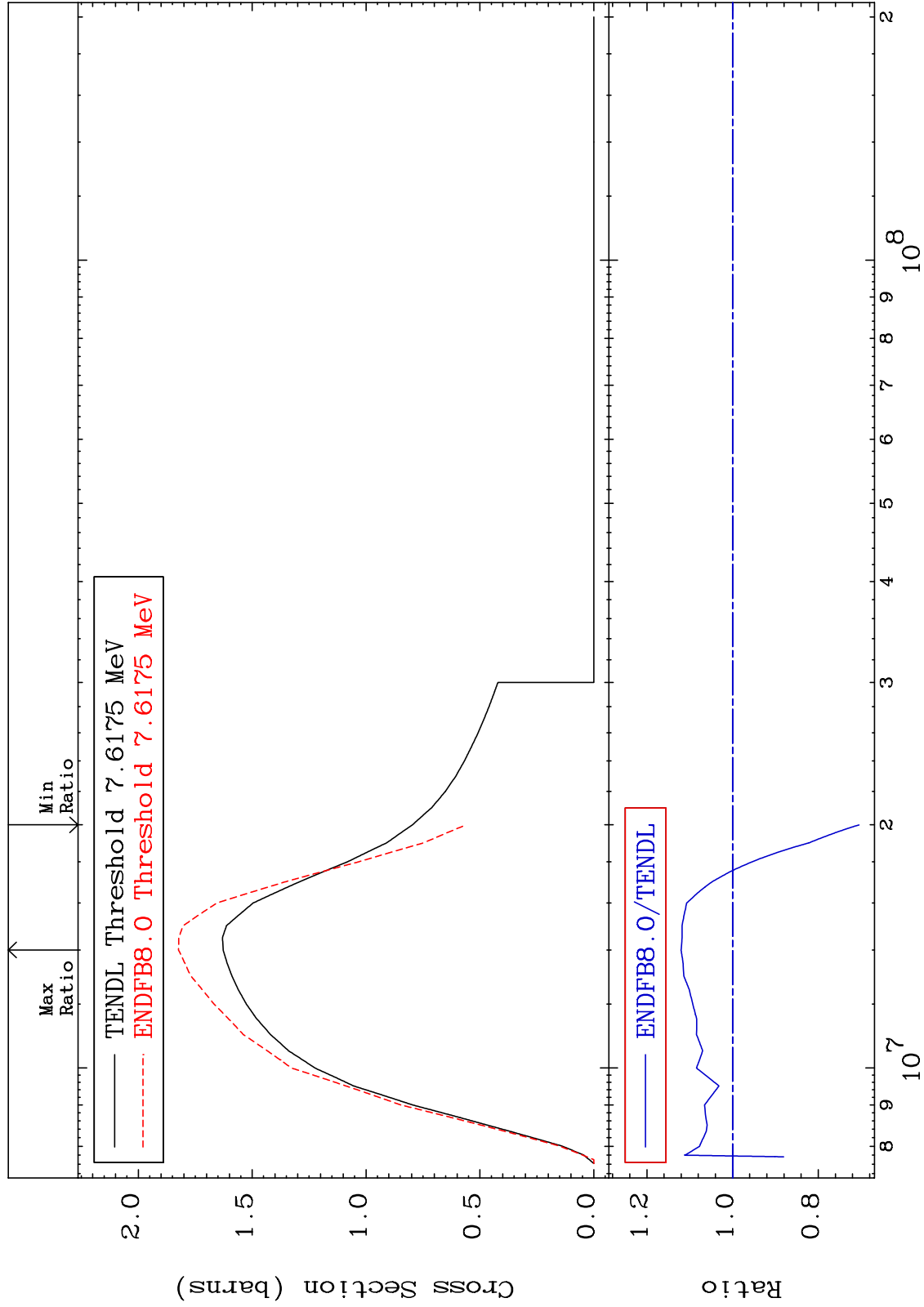
MAT 6037

(n,2n)

60-Nd-146

Cross Section

-29.58 To 12.02 %



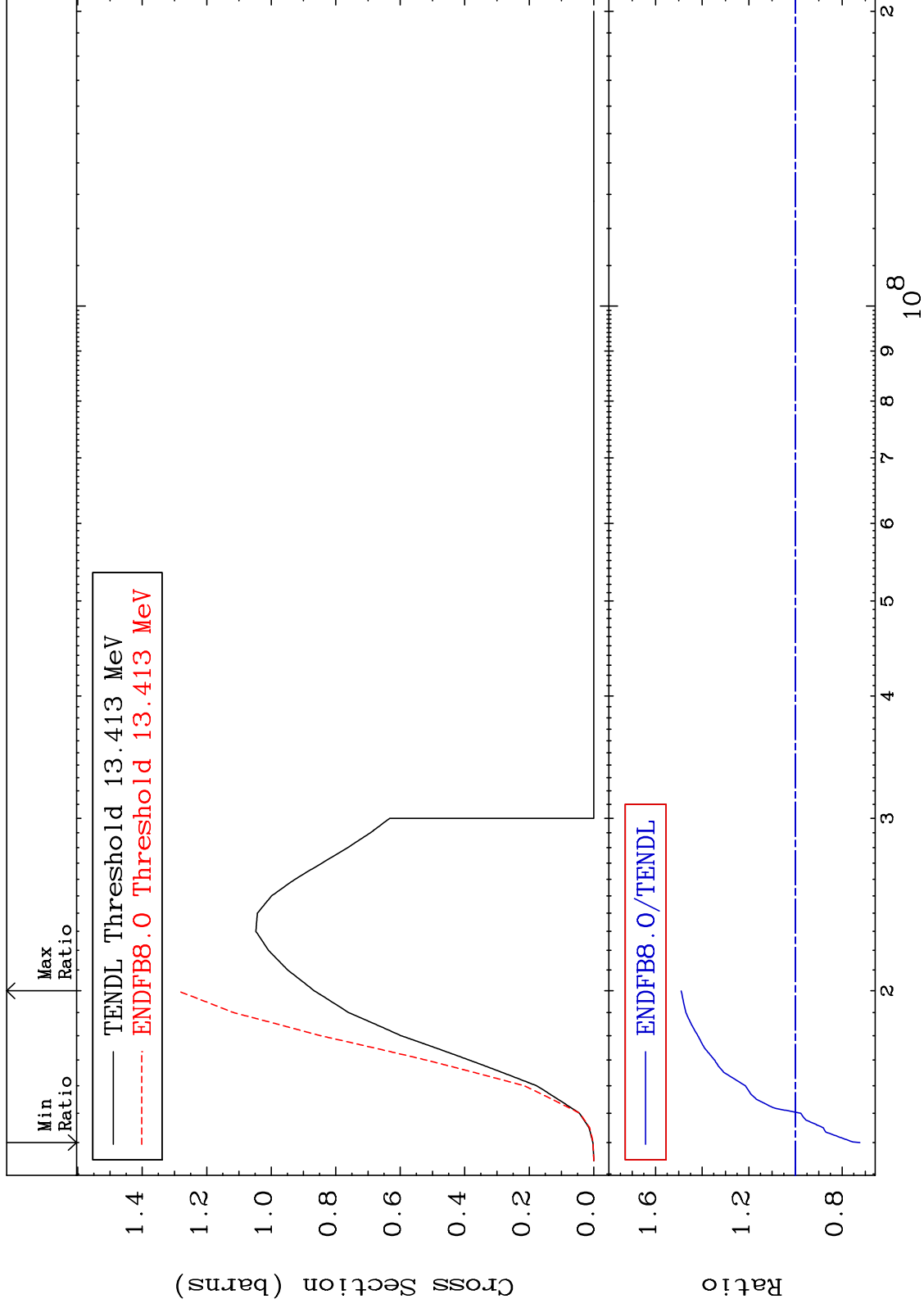
MAT 6037

(n,3n)

60-Nd-146

Cross Section

-27.65 To 48.97 %



5

Incident Energy (eV)

60-Nd-146

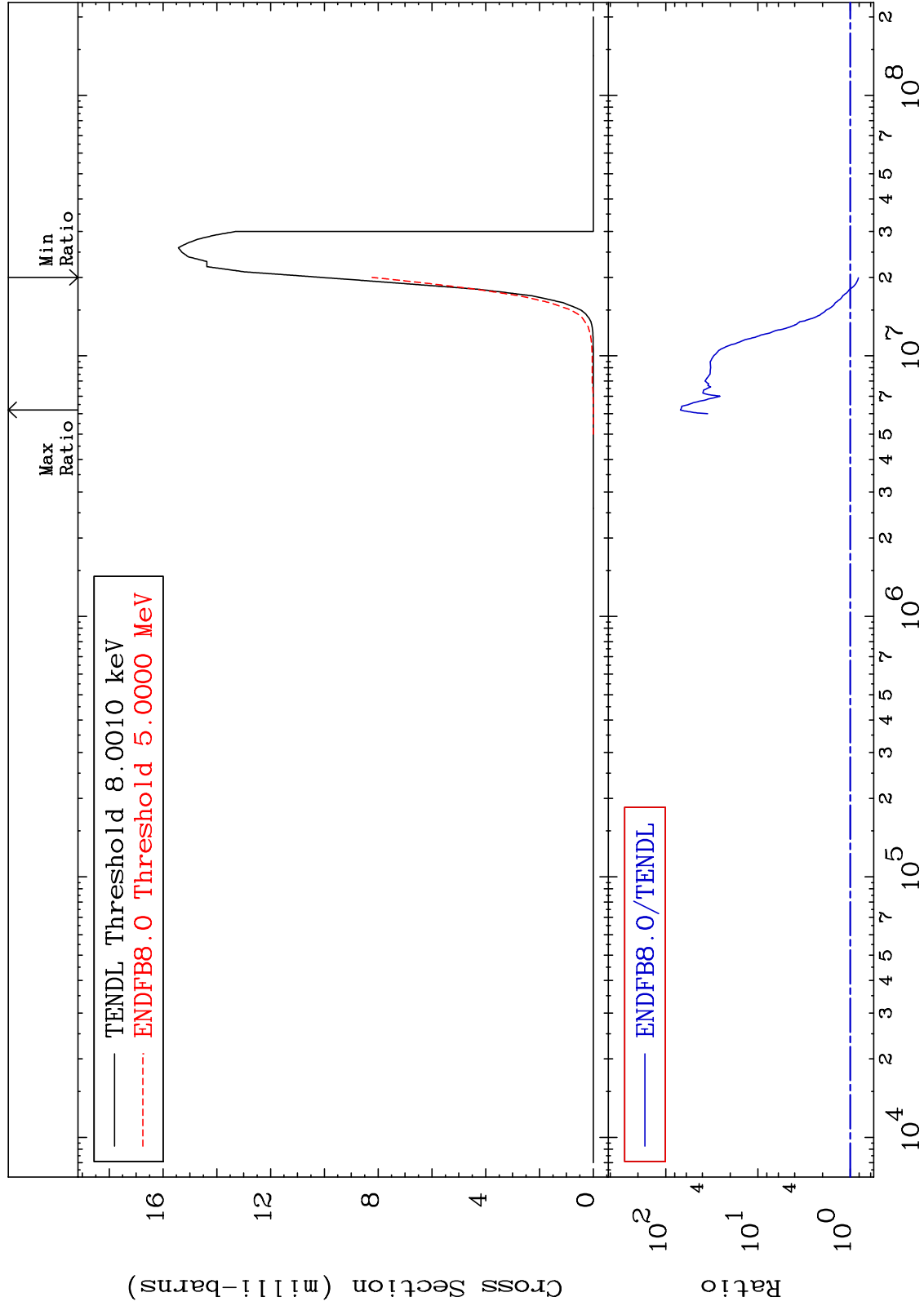
MAT 6037

(n, n')  $\alpha$

60-Nd-146

Cross Section

-18.69 To 6824. %



6

Incident Energy (eV)

60-Nd-146

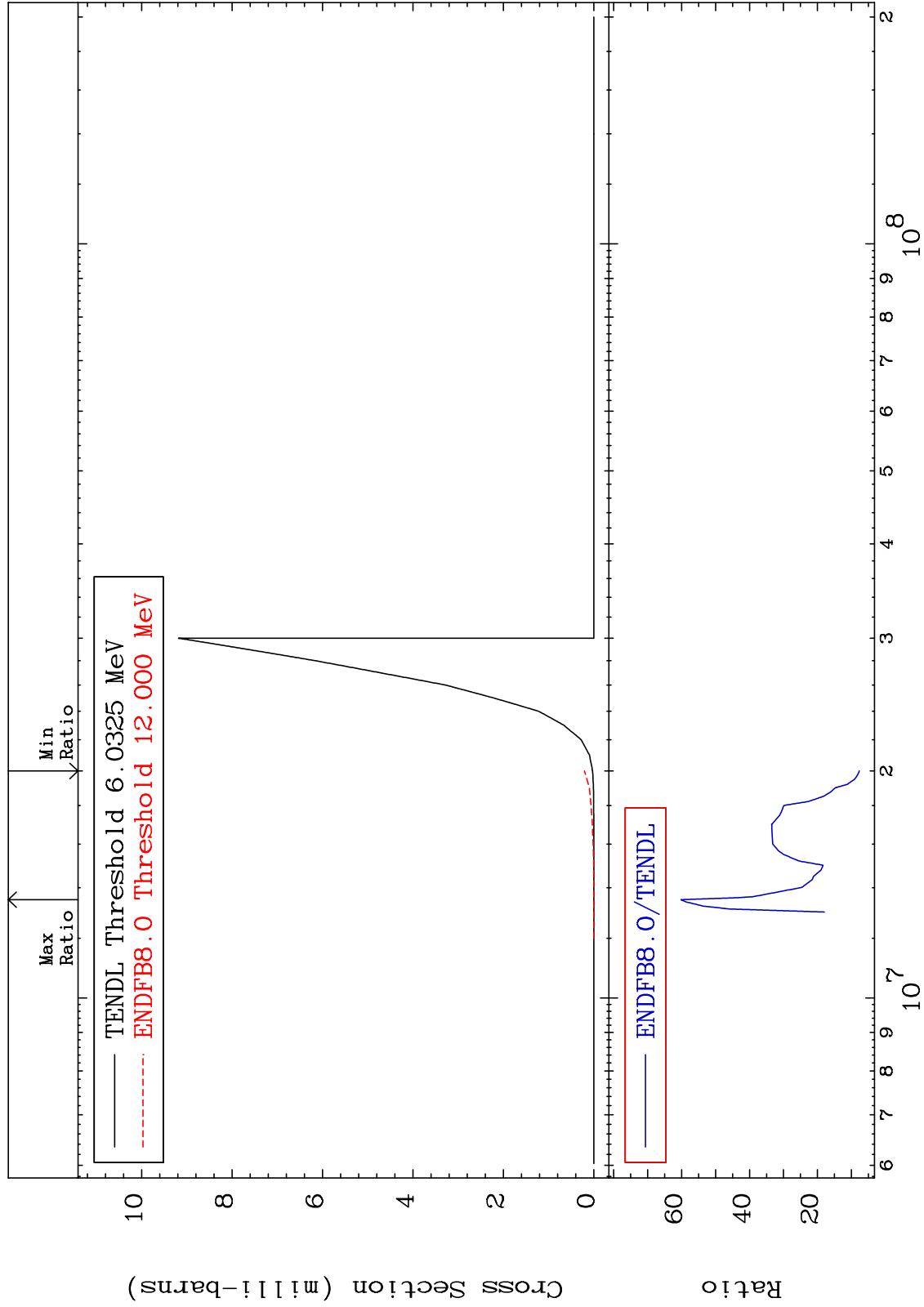
MAT 6037

(n,2n)  $\alpha$

60-Nd-146

668.7 To 5917. %

Cross Section



7

Incident Energy (eV)

60-Nd-146



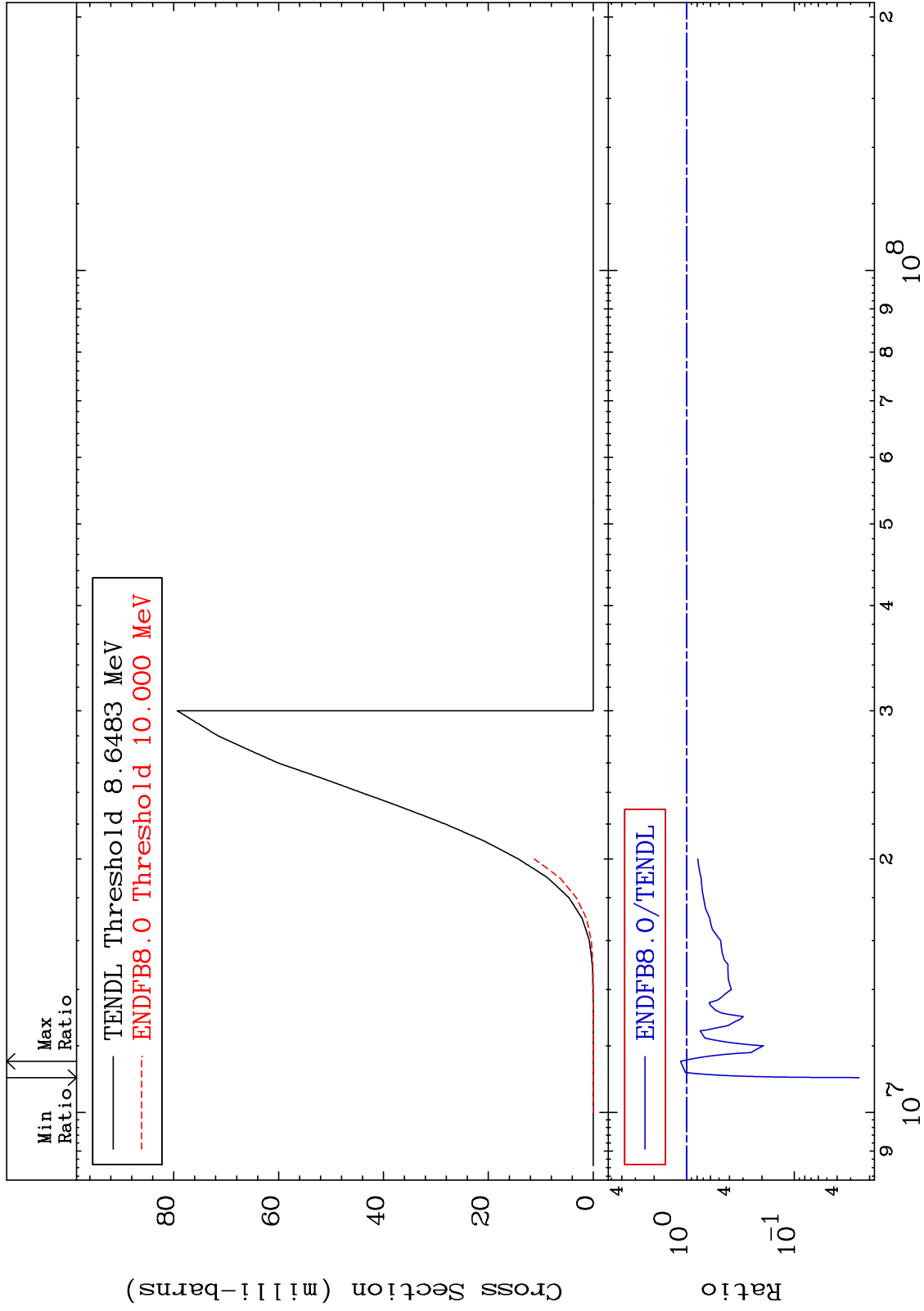
MAT 6037

(n,n') p

60-Nd-146

Cross Section

-97.50 To 13.76 %



8

Incident Energy (eV)

60-Nd-146

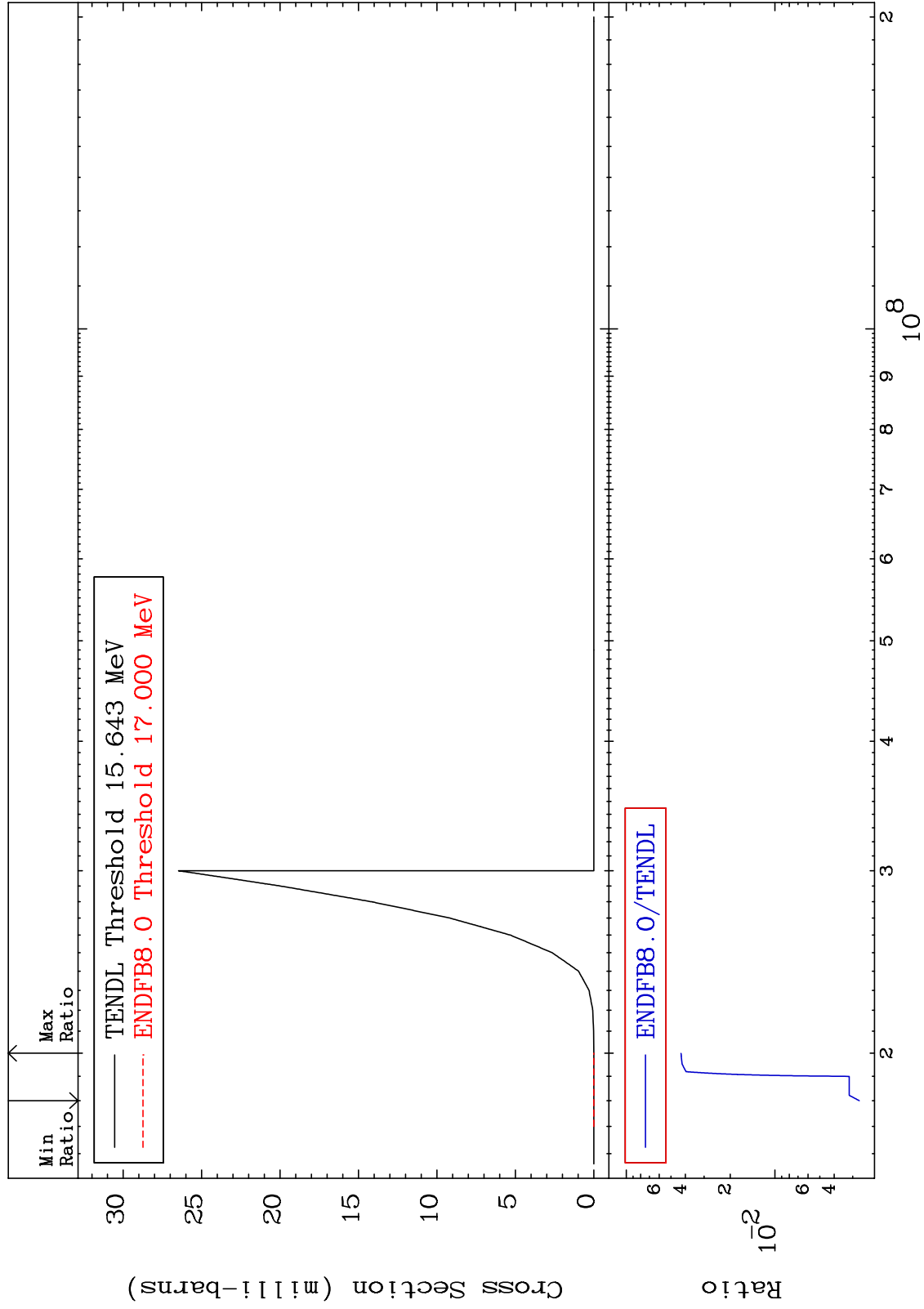
MAT 6037

(n,2n) p

60-Nd-146

Cross Section

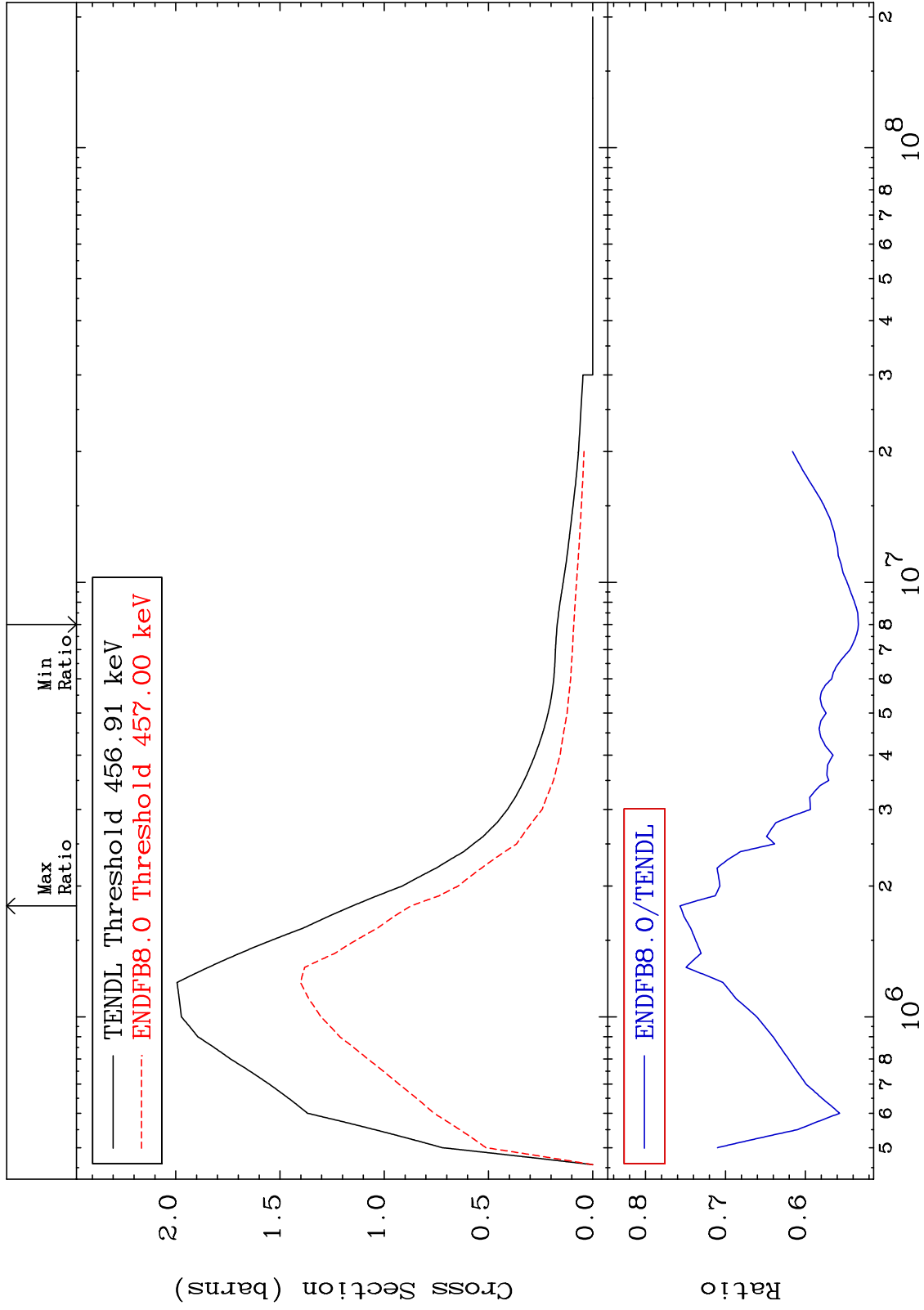
-99.73 To -95.72%



MAT 6037

MT= 51 (n,n') Level  
Cross Section

60-Nd-146  
-46.66 To -24.31%

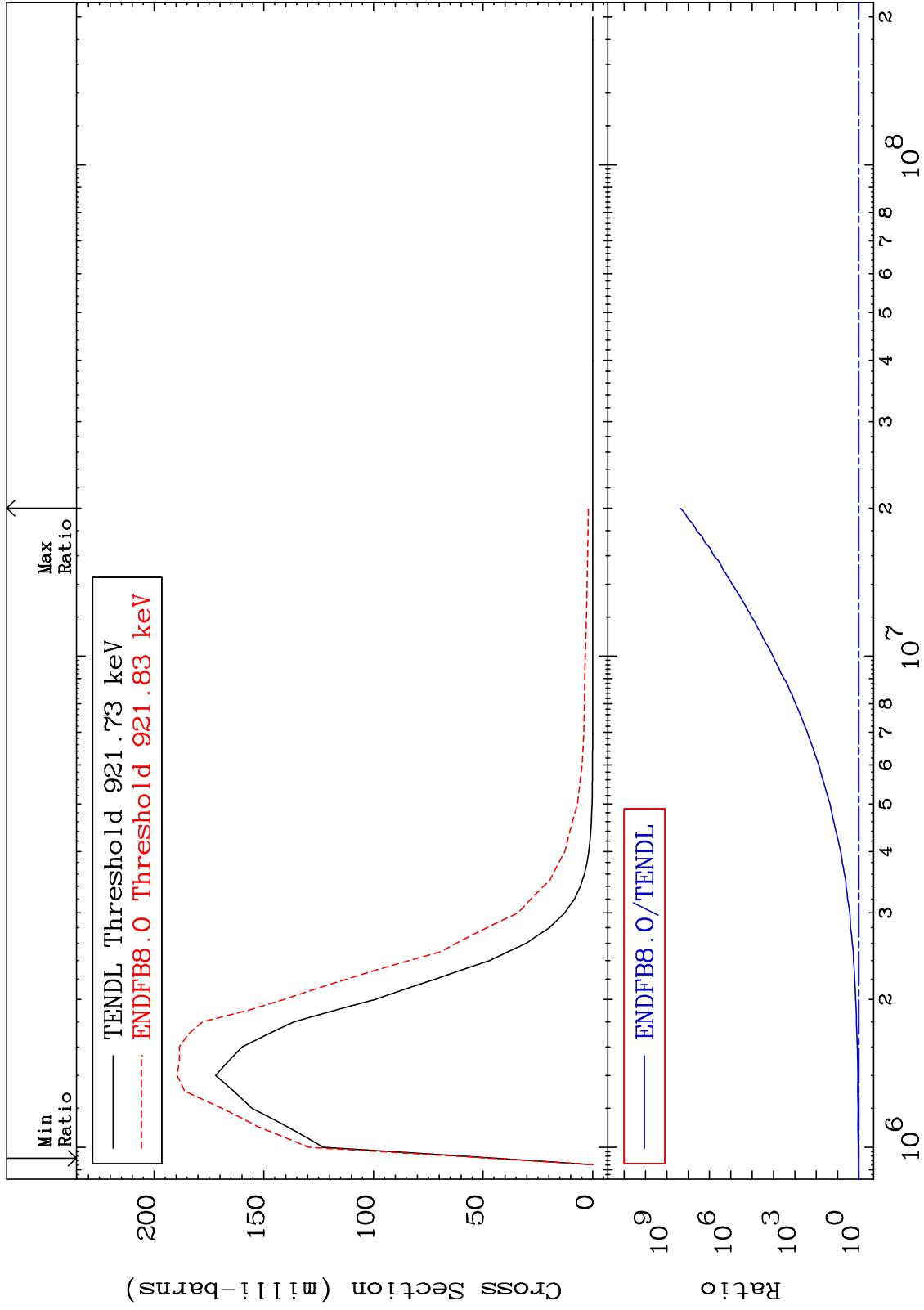


10 60-Nd-146

MAT 6037

MT= 52 (n,n') Level  
Cross Section

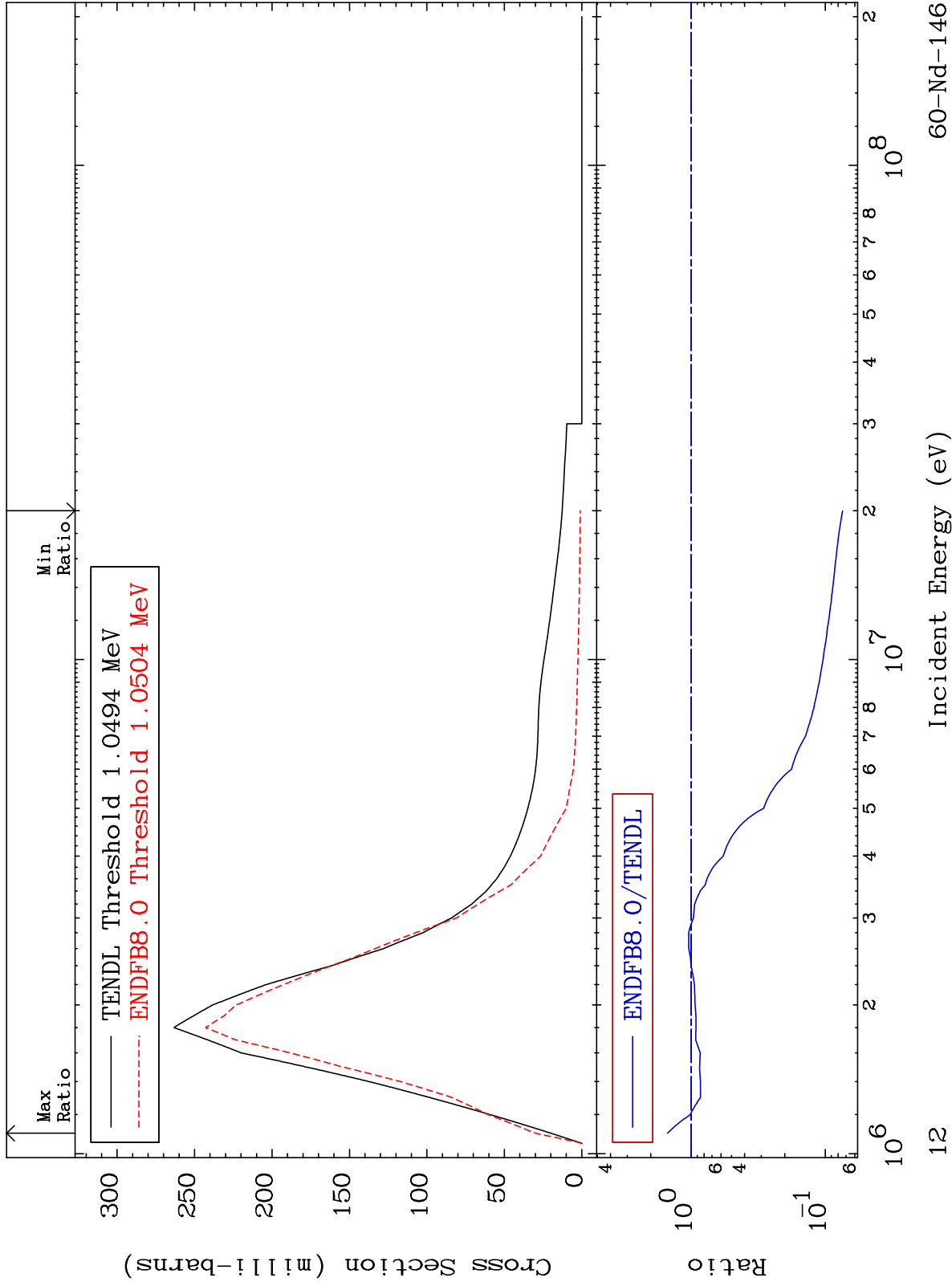
60-Nd-146  
To 9999. %



MAT 6037

MT= 53 (n,n') Level  
Cross Section

60-Nd-146  
-92.59 To 50.13 %



60-Nd-146

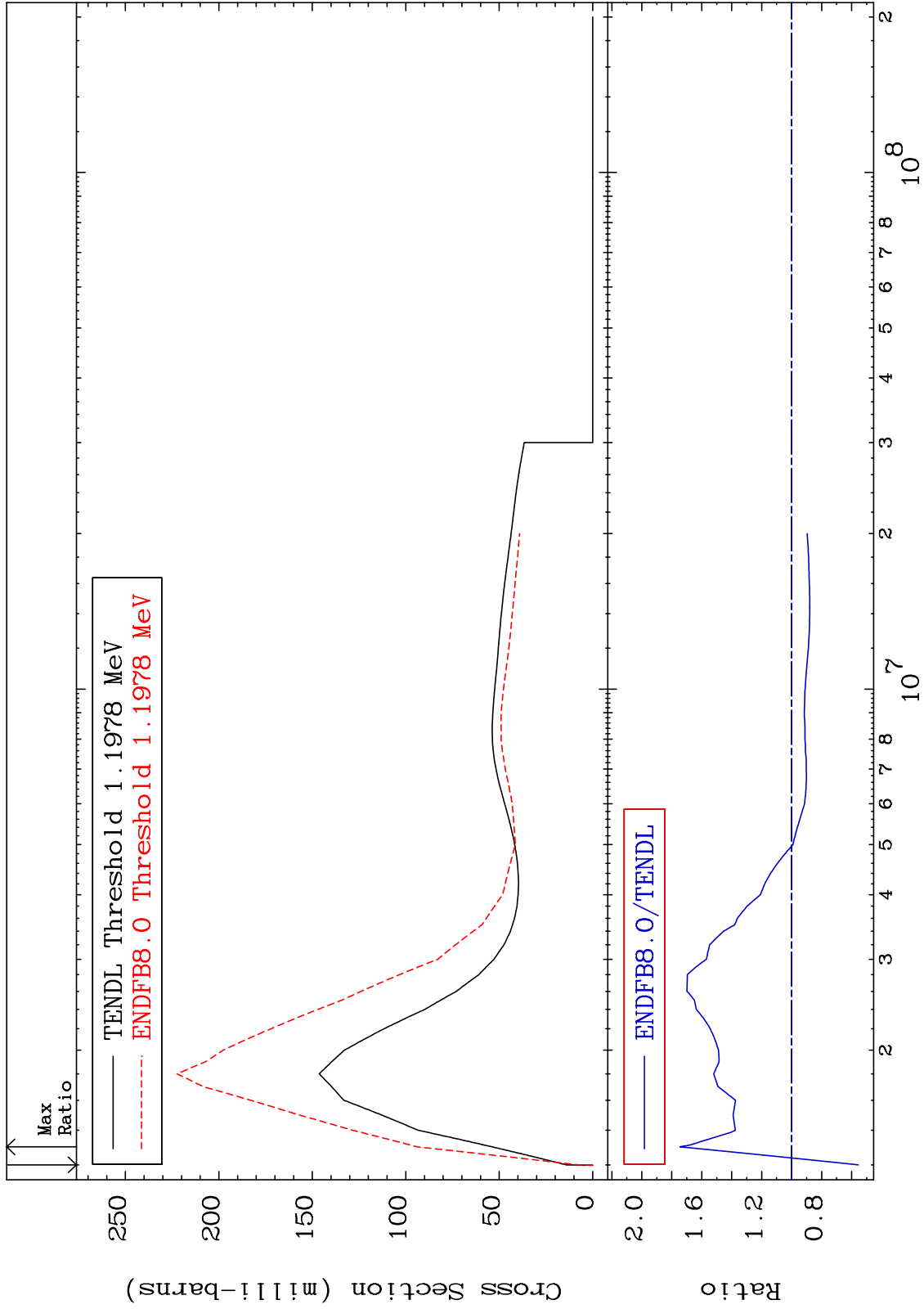
Incident Energy (eV)

12

MAT 6037

MT= 54 (n,n') Level  
Cross Section

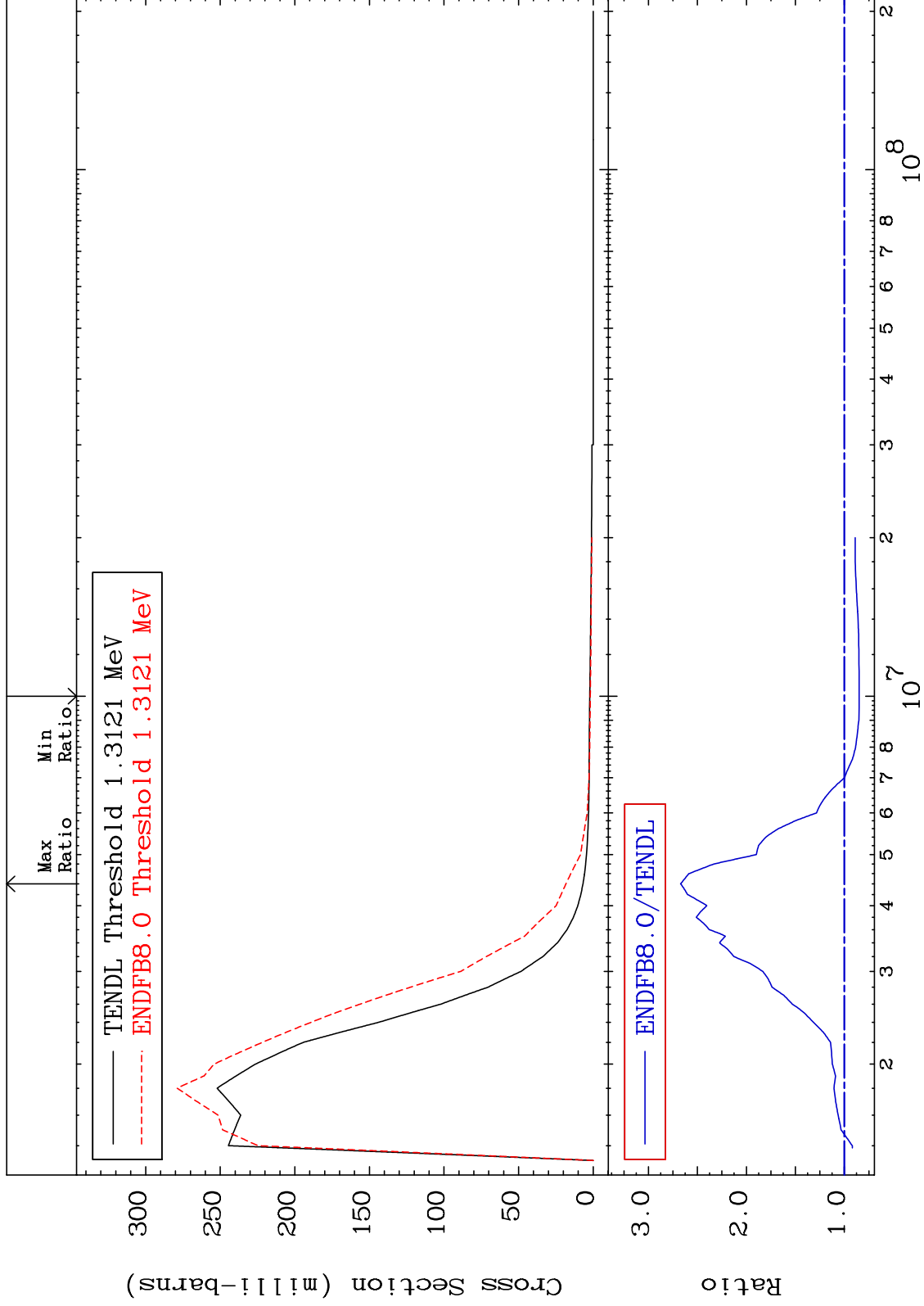
60-Nd-146  
-44.55 To 74.49 %



MAT 6037

MT= 55 (n,n') Level  
Cross Section

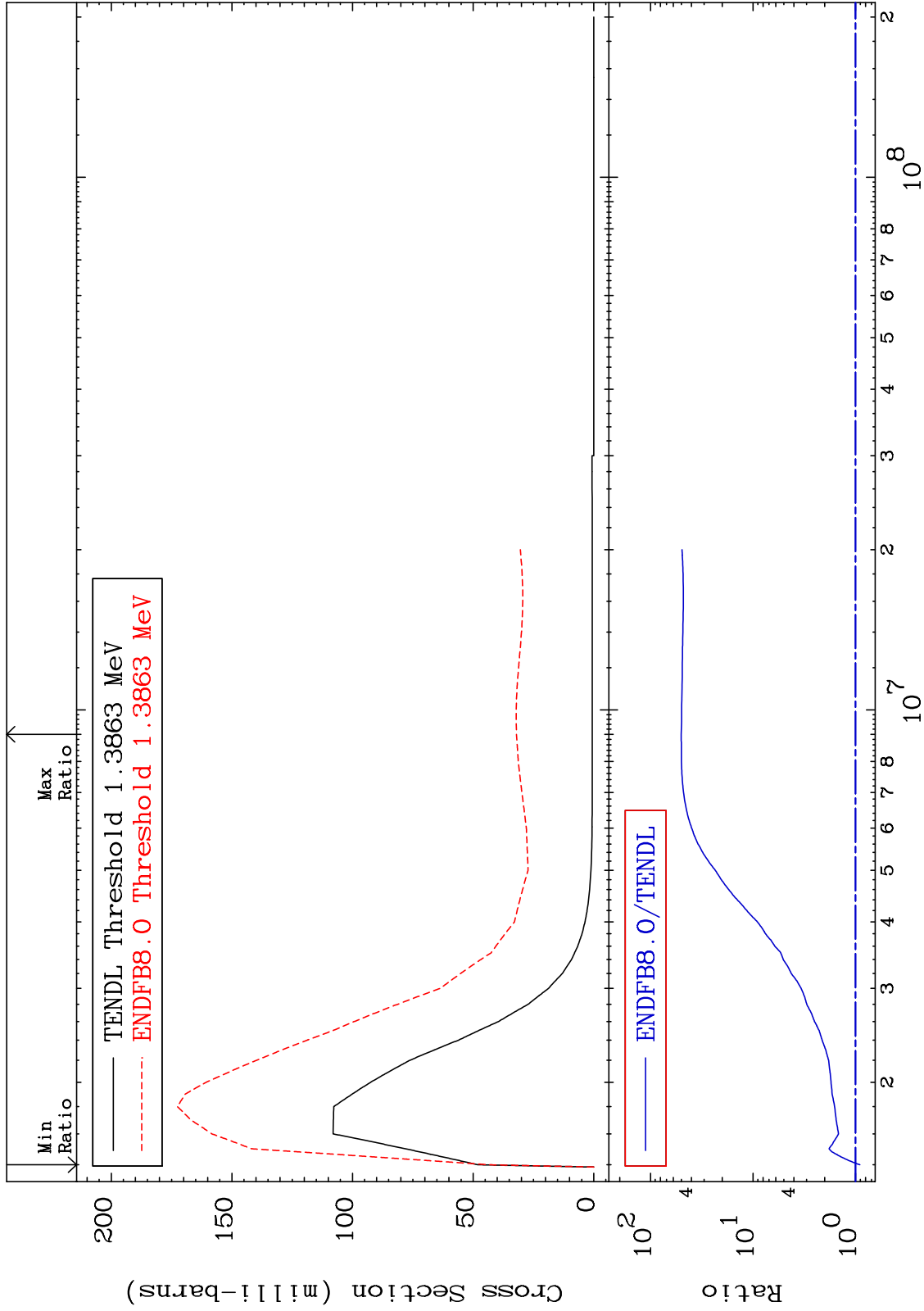
60-Nd-146  
-15.13 To 167.1 %



MAT 6037

MT= 56 (n,n') Level  
Cross Section

60-Nd-146  
-9.328 To 4919. %

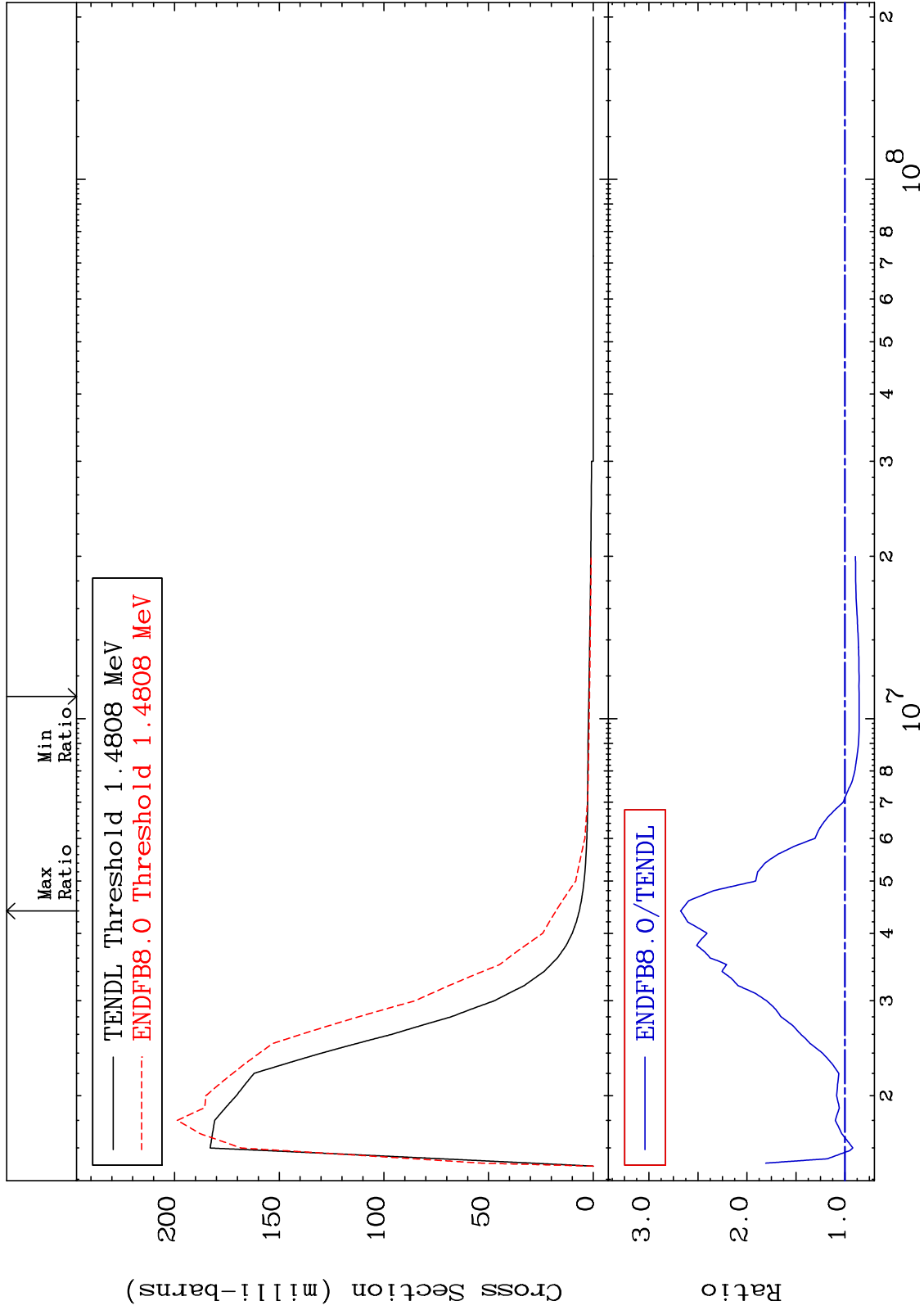




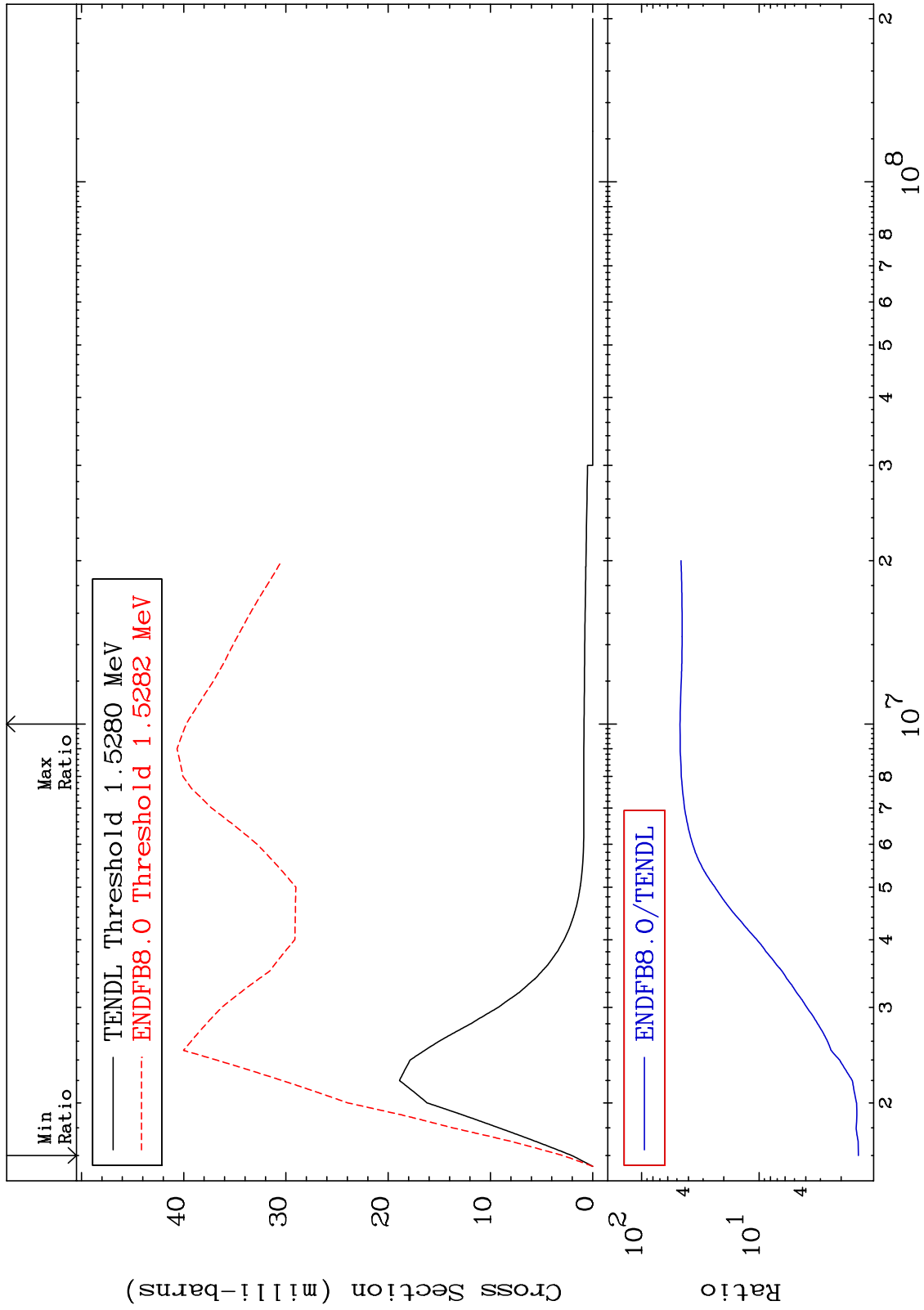
MAT 6037

MT= 57 (n,n') Level  
Cross Section

60-Nd-146  
-14.52 To 167.7 %



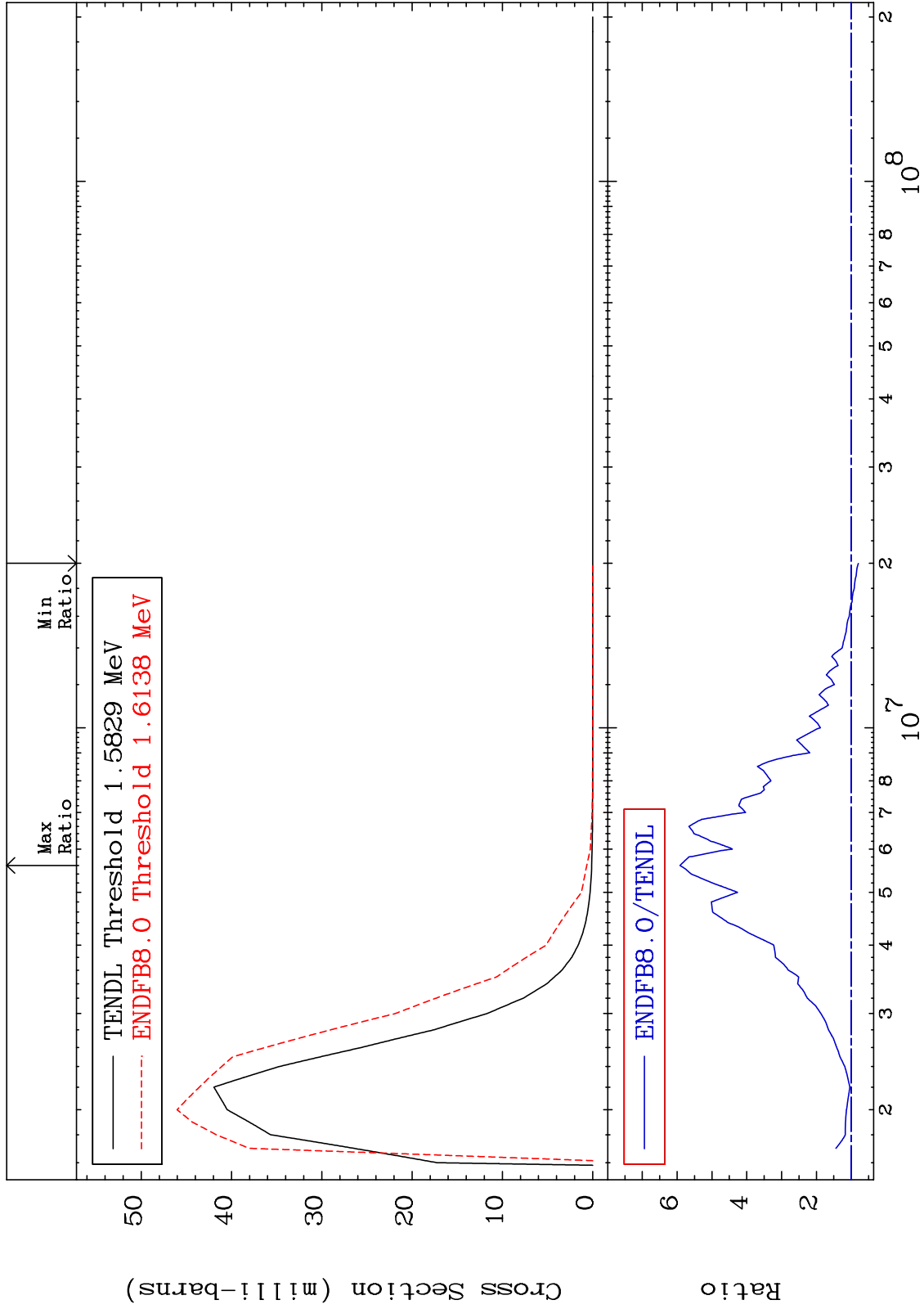
MAT 6037 MT= 58 (n,n') Level Cross Section 60-Nd-146 42.64 To 4610. %



MAT 6037

MT= 59 (n,n') Level  
Cross Section

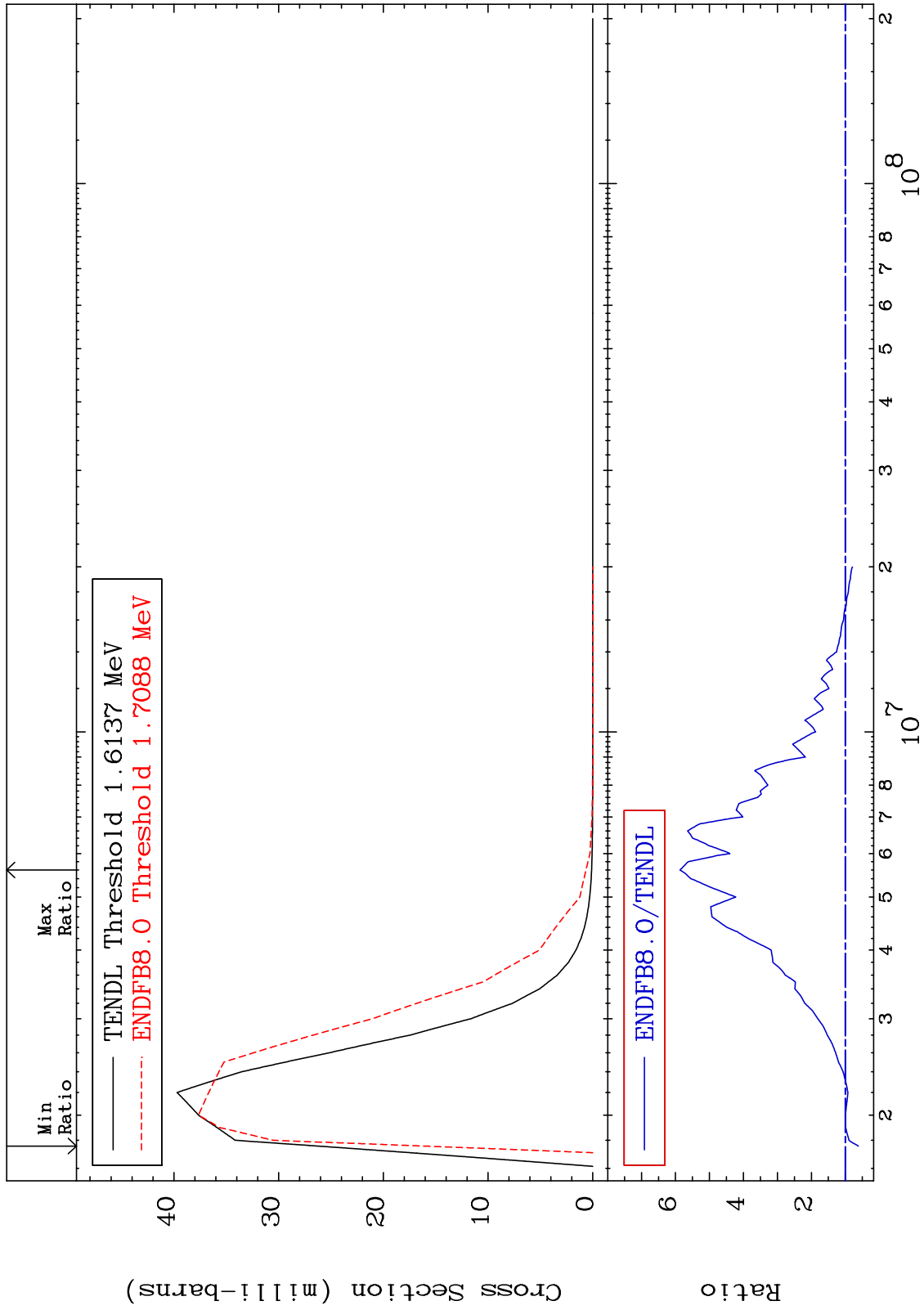
60-Nd-146  
-20.73 To 491.7 %



MAT 6037

MT= 60 (n,n') Level  
Cross Section

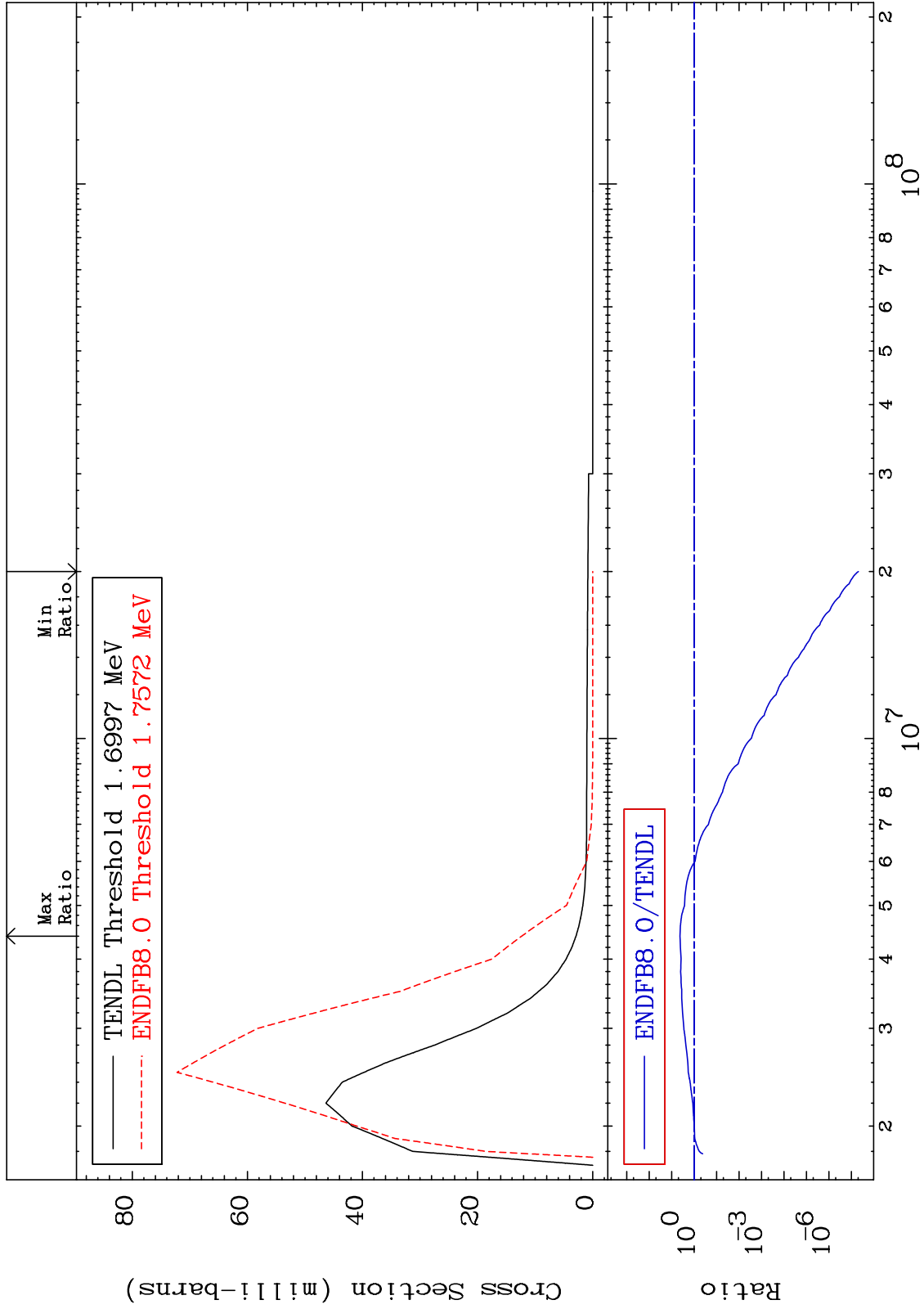
60-Nd-146  
-38.46 To 486.6 %



MAT 6037

MT= 61 (n,n') Level  
Cross Section

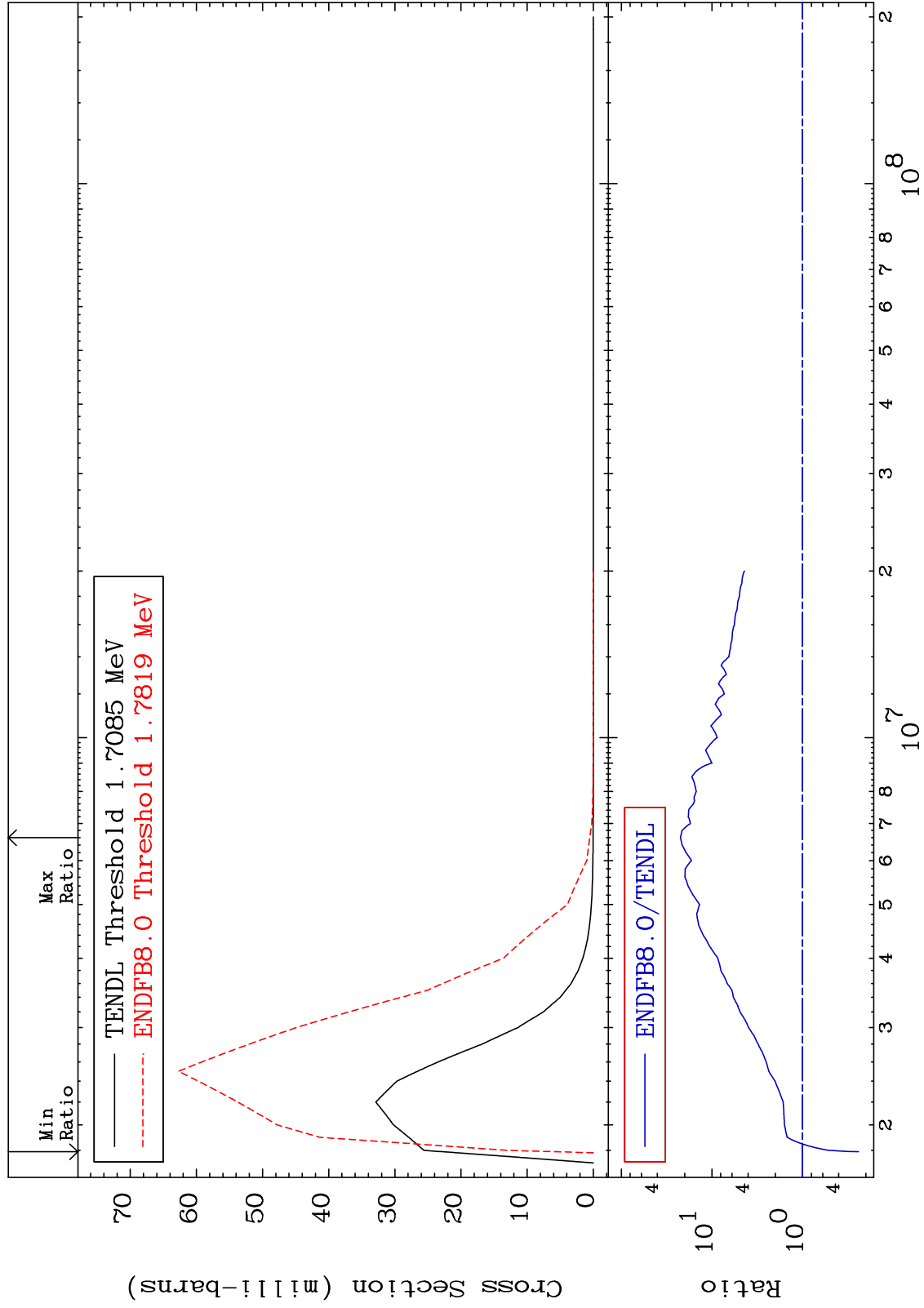
60-Nd-146  
-100.0 To 325.3 %



MAT 6037

MT= 62 (n,n') Level  
Cross Section

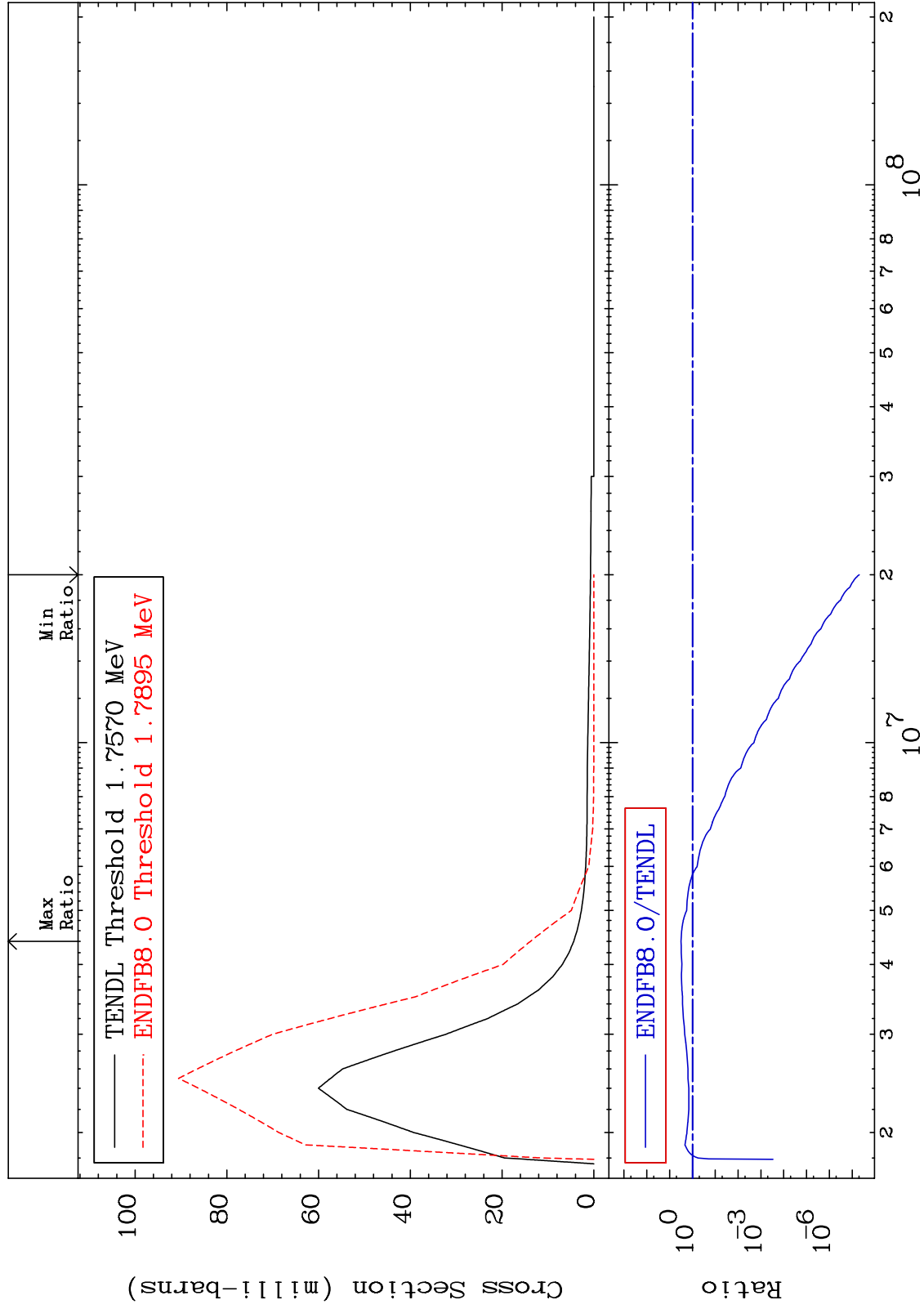
60-Nd-146  
-75.88 To 2127. %



MAT 6037

MT= 63 (n,n') Level  
Cross Section

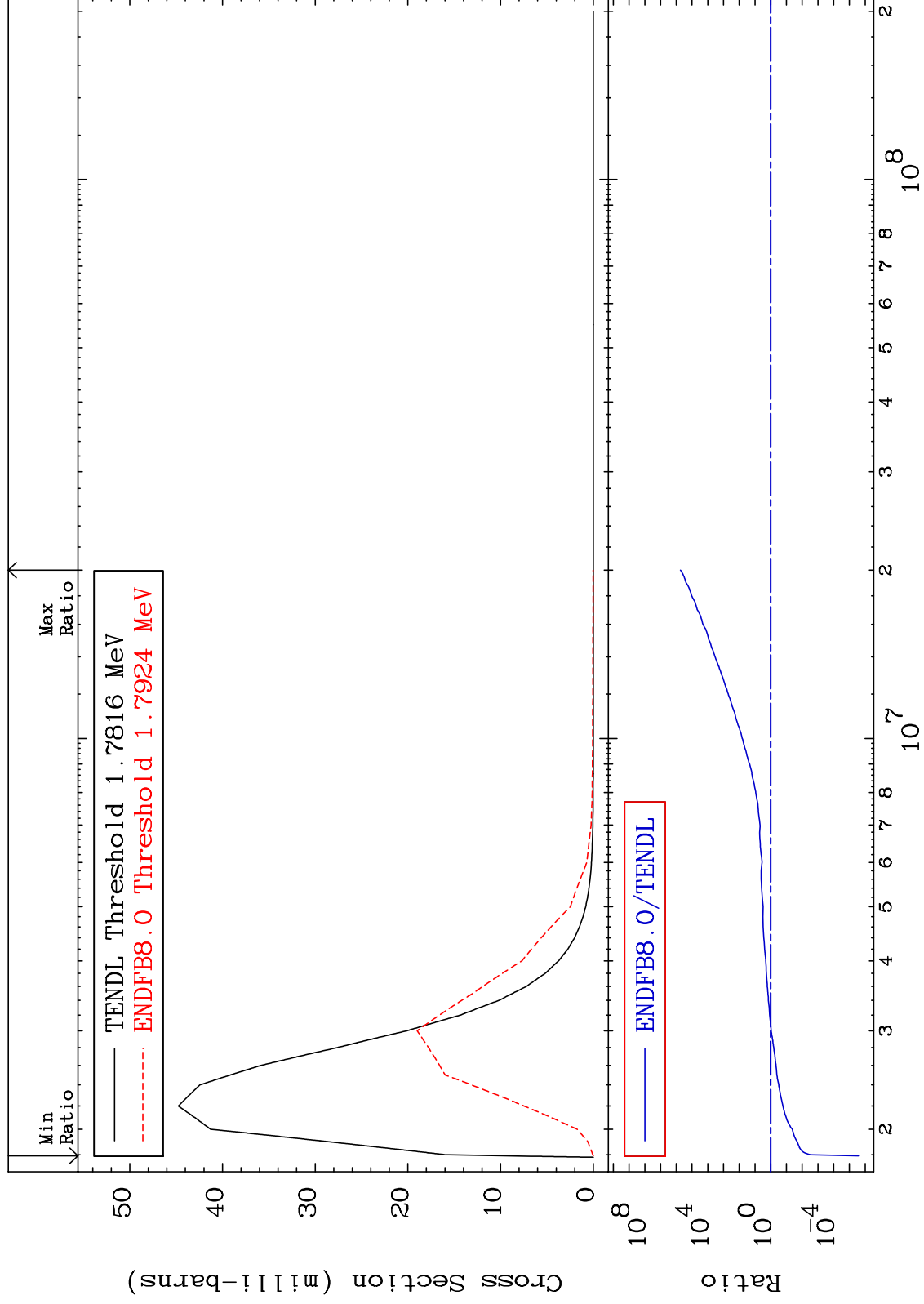
60-Nd-146  
-100.0 To 215.5 %



MAT 6037

MT= 64 (n,n') Level  
Cross Section

60-Nd-146  
-100.0 To 9999. %

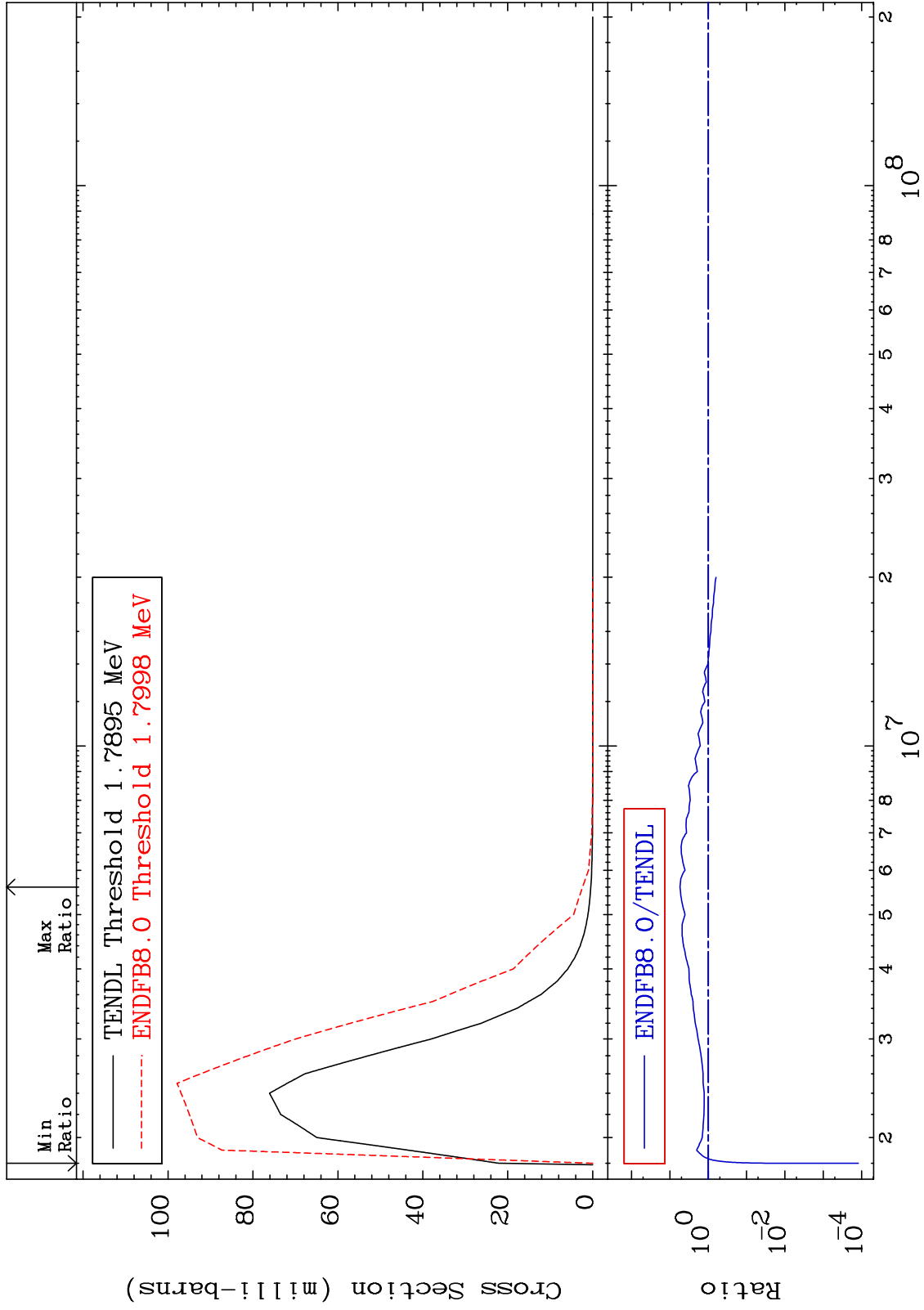




MAT 6037

MT= 65 (n,n') Level  
Cross Section

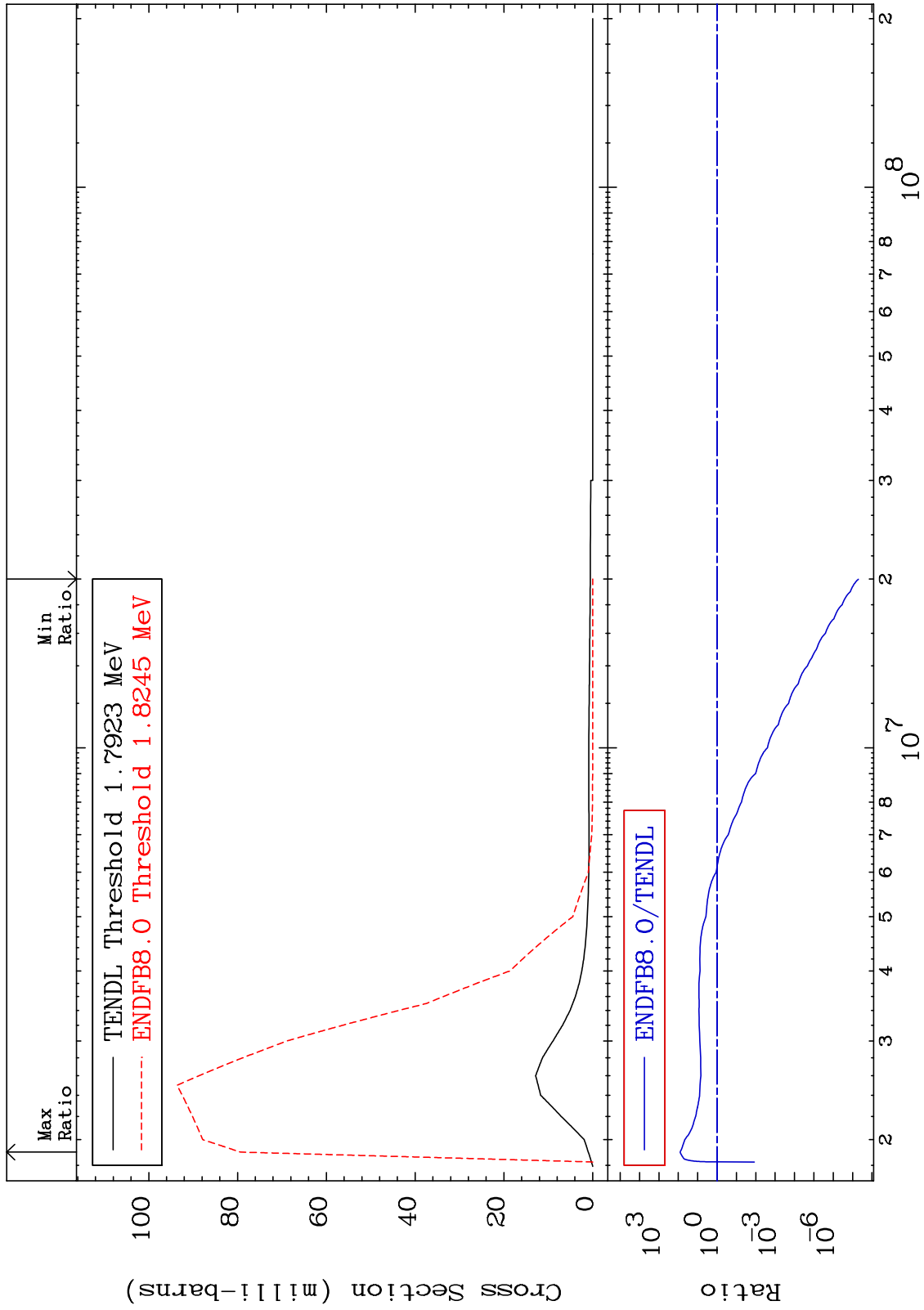
60-Nd-146  
-99.99 To 444.7 %



MAT 6037

MT= 66 (n,n') Level  
Cross Section

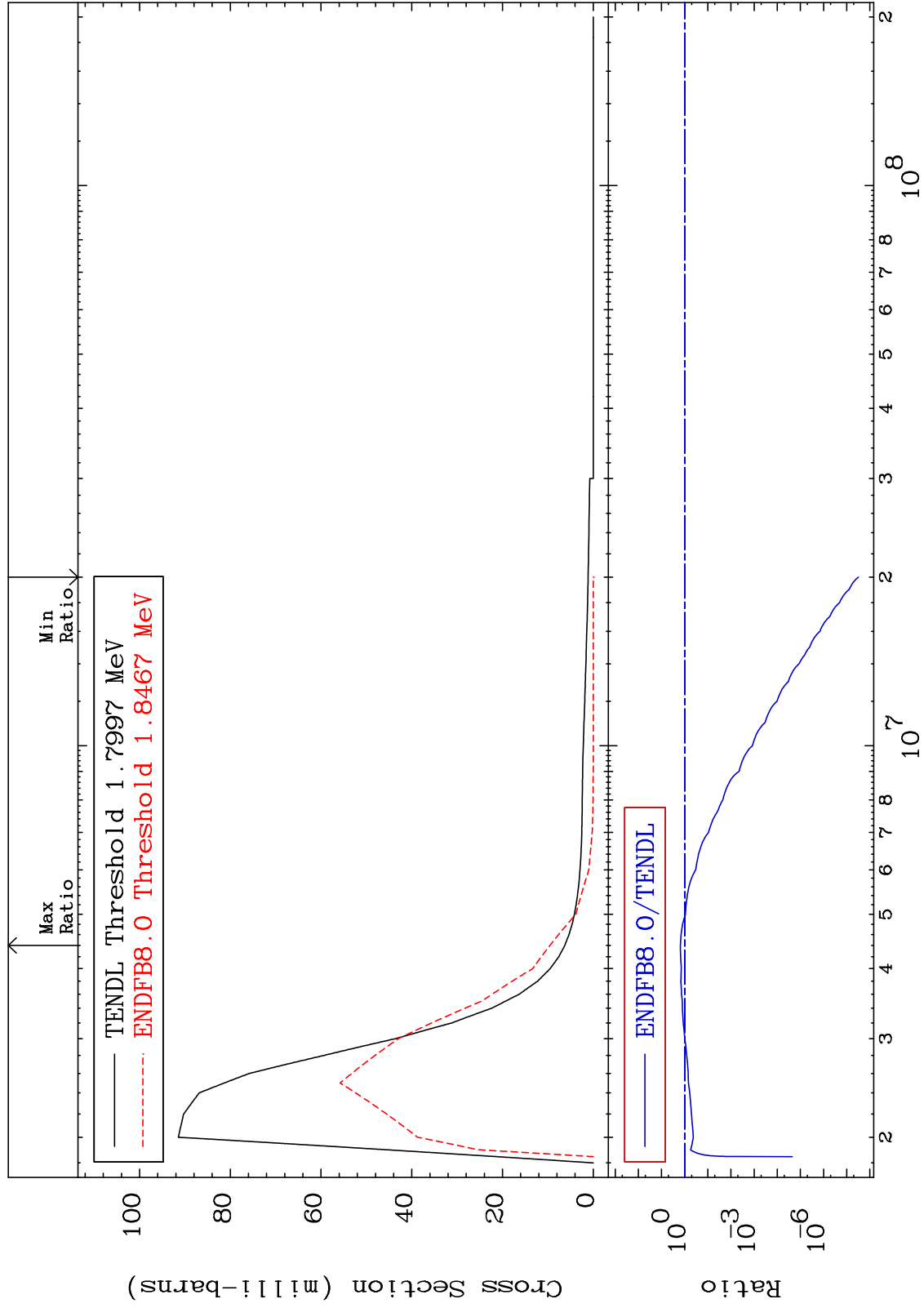
60-Nd-146  
-100.0 To 8060. %



MAT 6037

MT= 67 (n,n') Level  
Cross Section

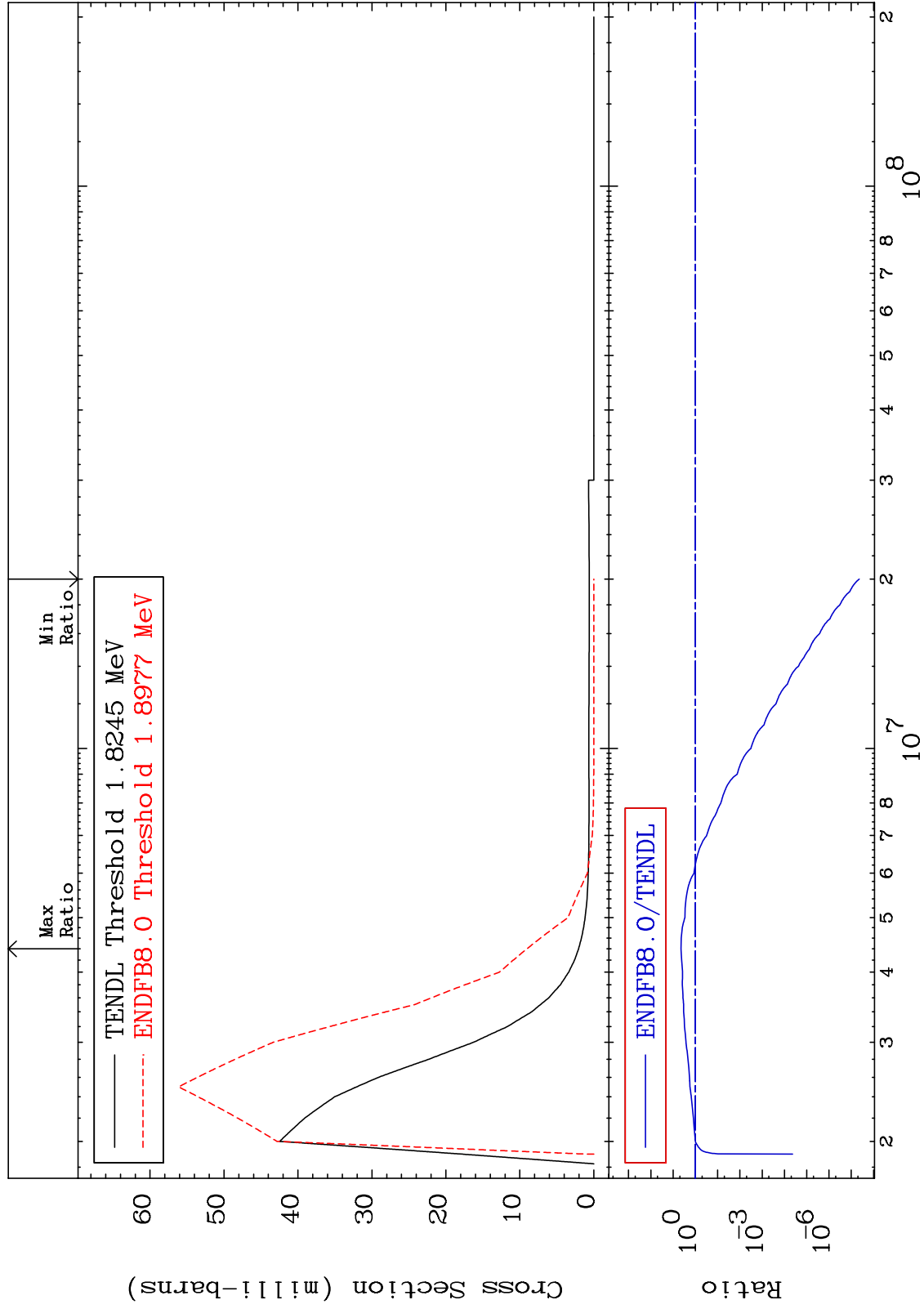
60-Nd-146  
-100.0 To 51.92 %



MAT 6037

MT= 68 (n,n') Level  
Cross Section

60-Nd-146  
-100.0 To 339.7 %

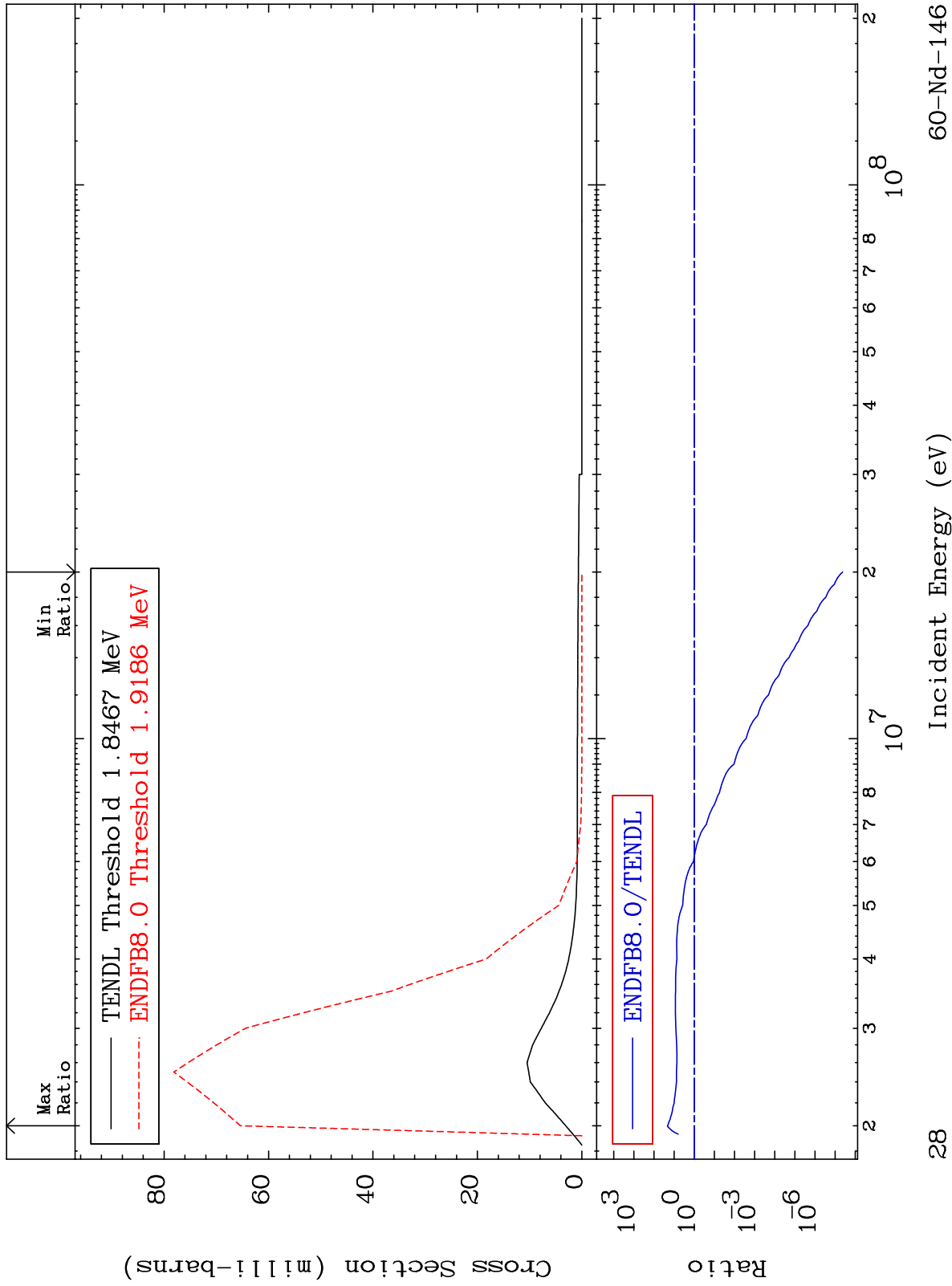


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Incident Energy (eV)

60-Nd-146

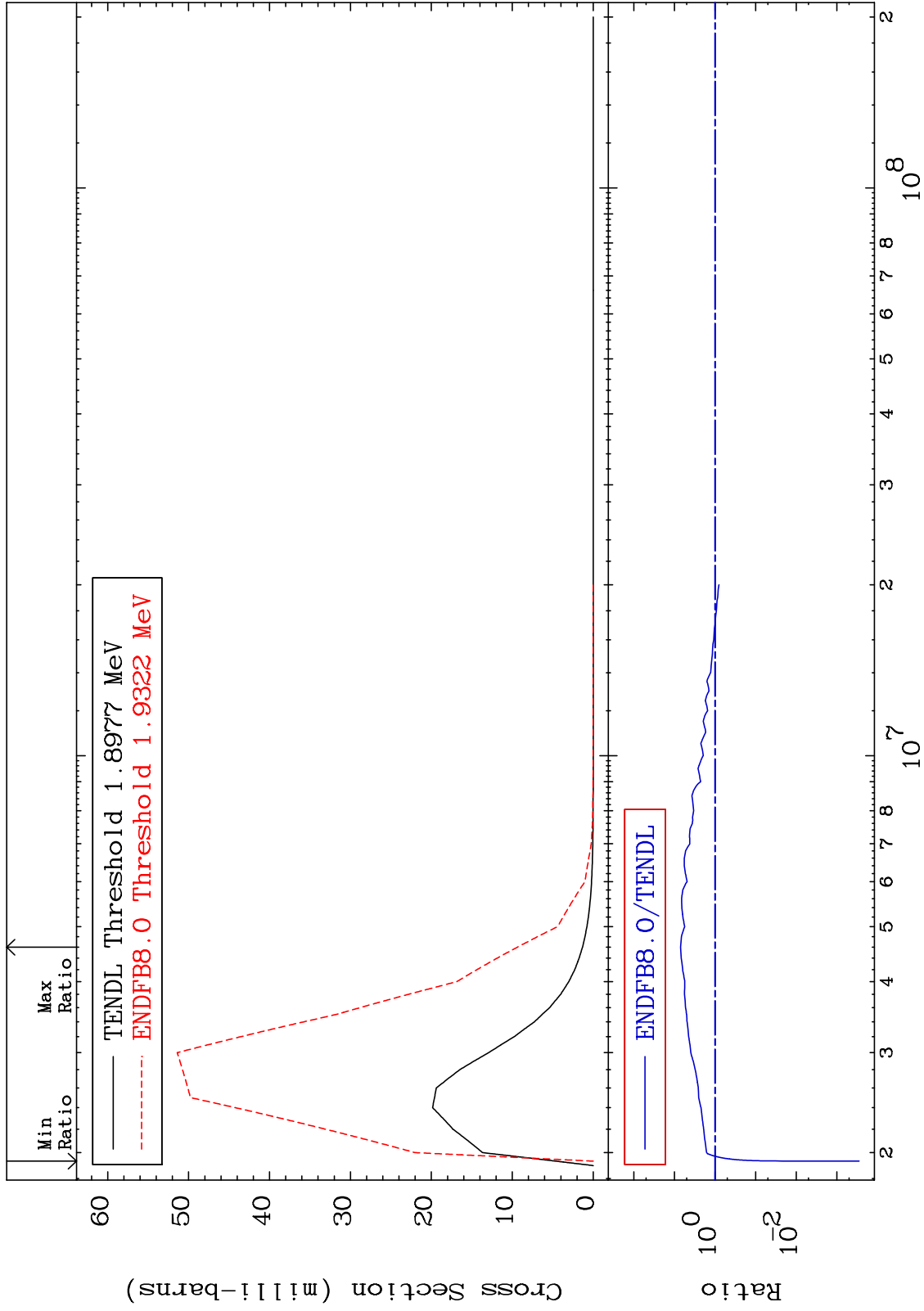
MAT 6037      MT= 69 (n,n') Level      60-Nd-146  
 Cross Section      -100.0 To 2020. %



MAT 6037

MT= 70 (n,n') Level  
Cross Section

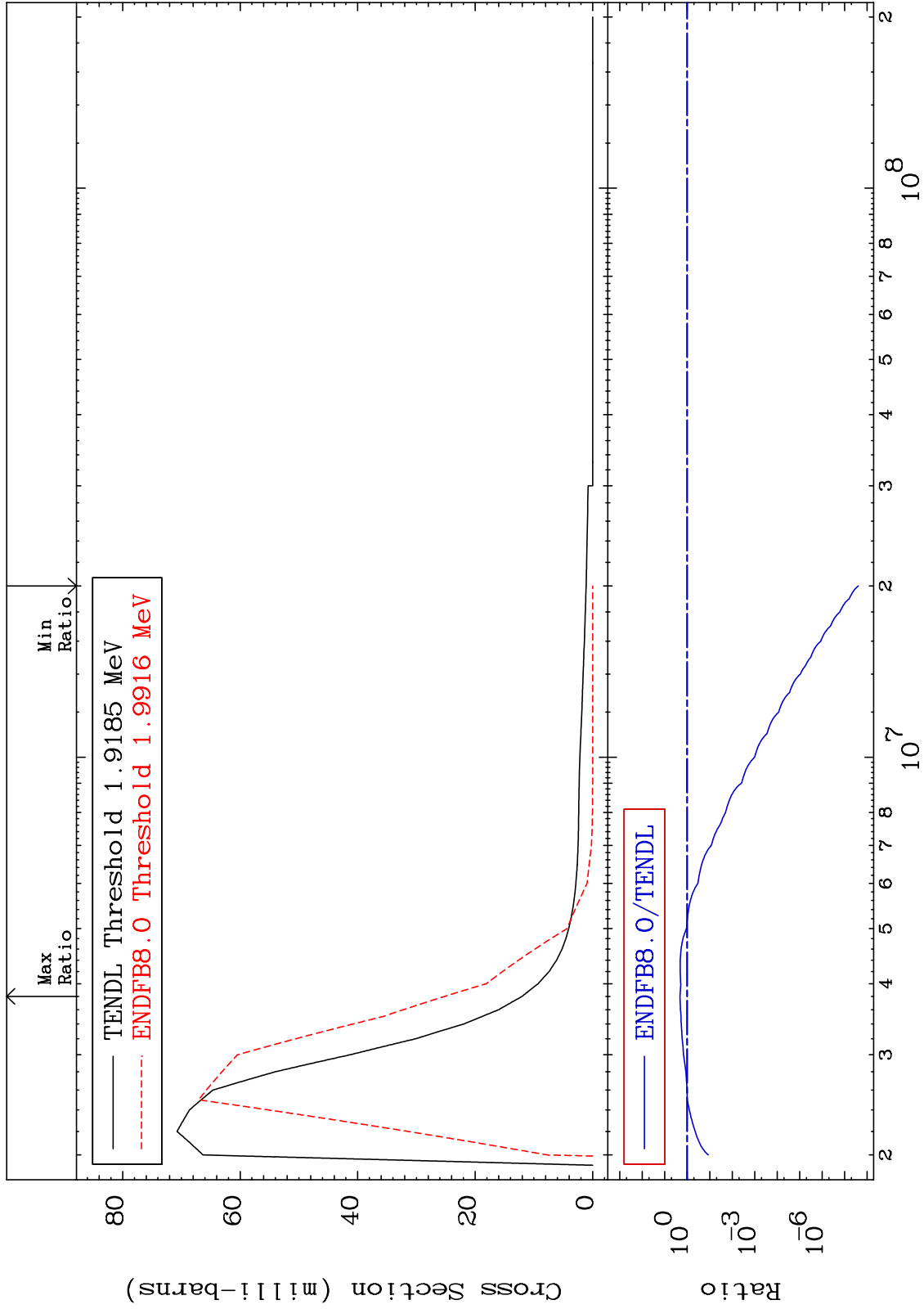
60-Nd-146  
-99.97 To 606.5 %



MAT 6037

MT= 71 (n,n') Level  
Cross Section

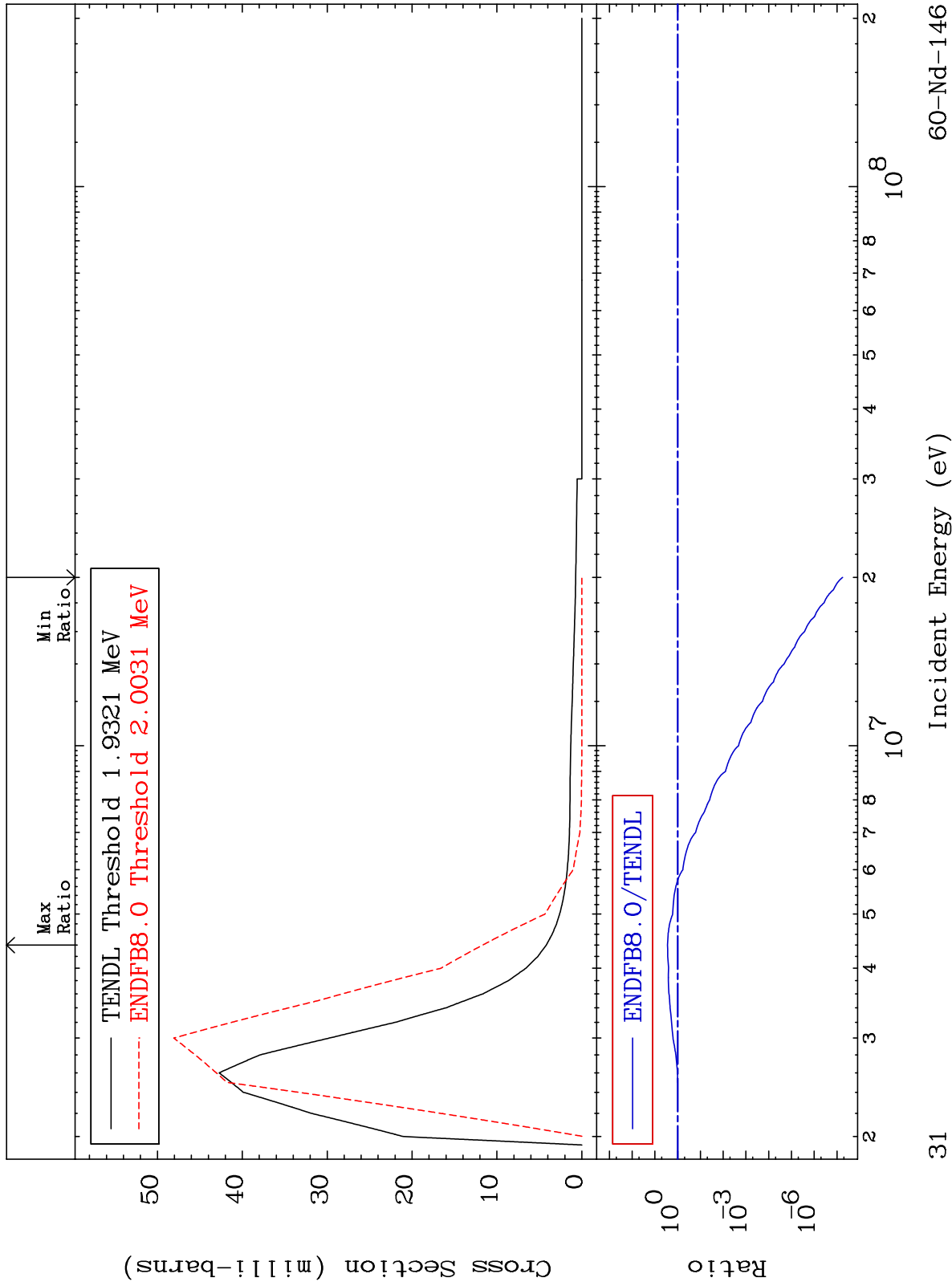
60-Nd-146  
-100.0 To 109.6 %



30

60-Nd-146

MAT 6037 MT= 72 (n,n') Level Cross Section 60-Nd-146 -100.0 To 179.0 %

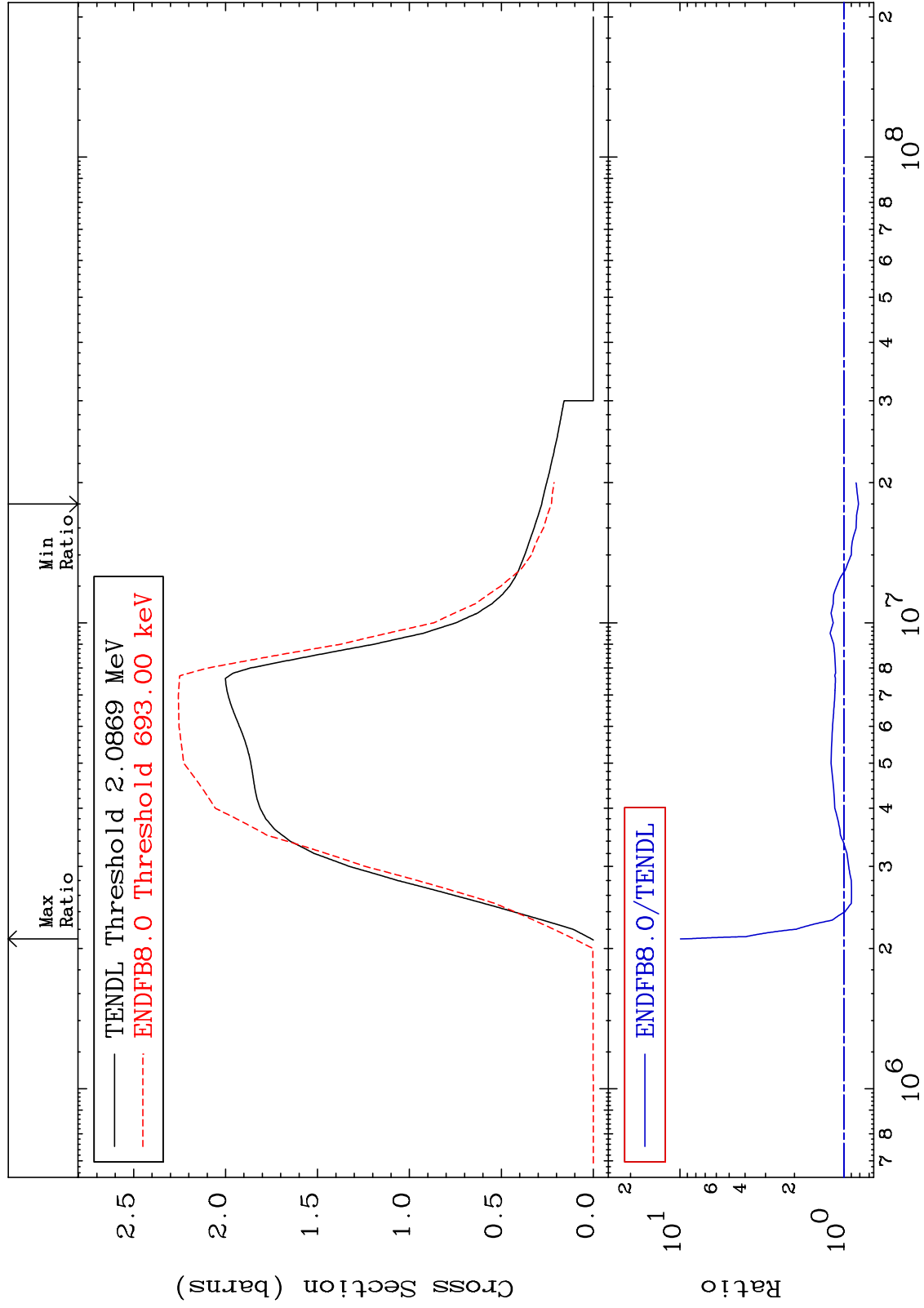




MAT 6037

(n, n') Continuum  
Cross Section

60-Nd-146  
-18.67 To 892.5 %

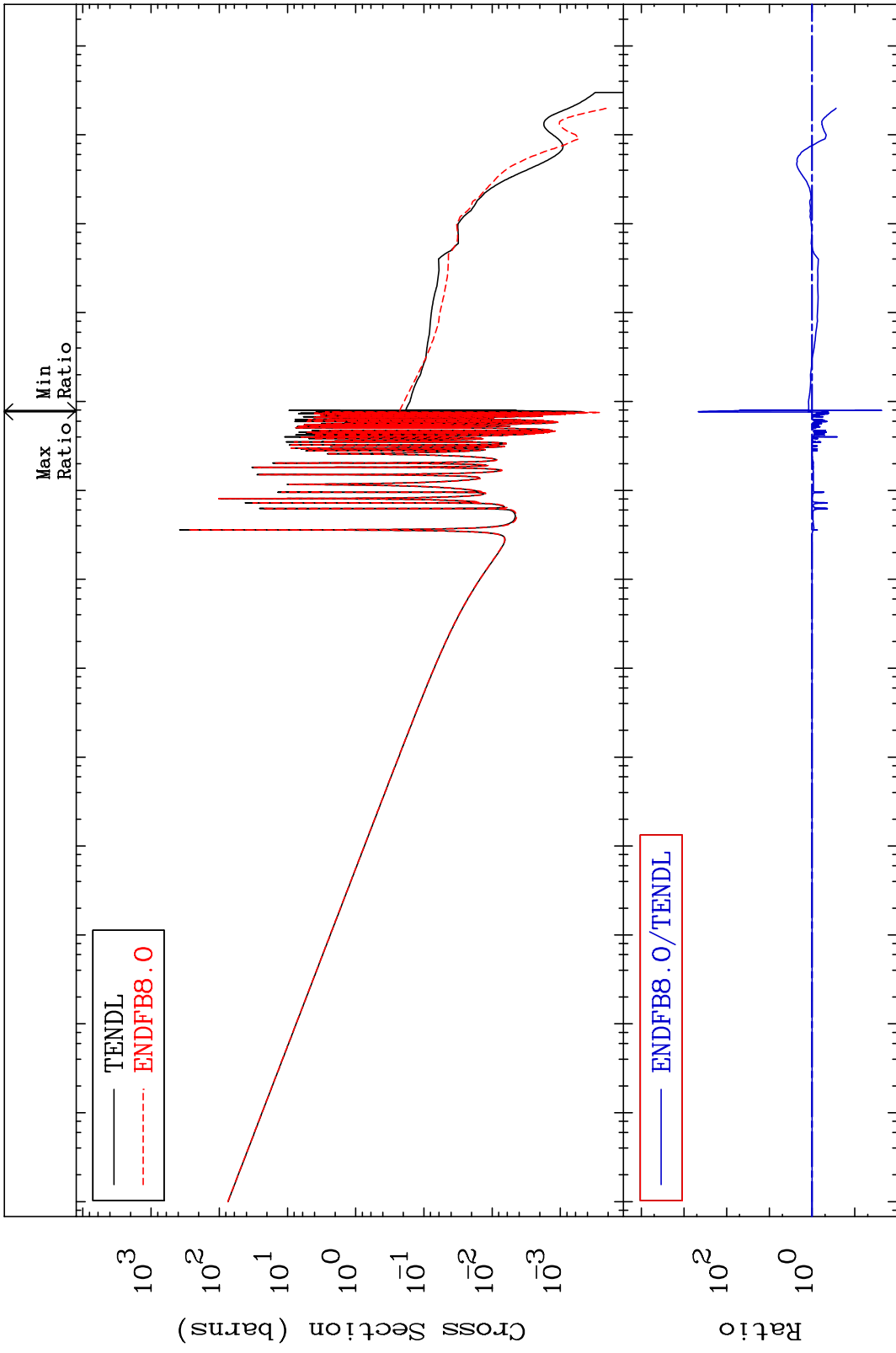


MAT 6037

(n,  $\gamma$ )

60-Nd-146  
-97.63 To 9999. %

Cross Section



Incident Energy (eV) 60-Nd-146

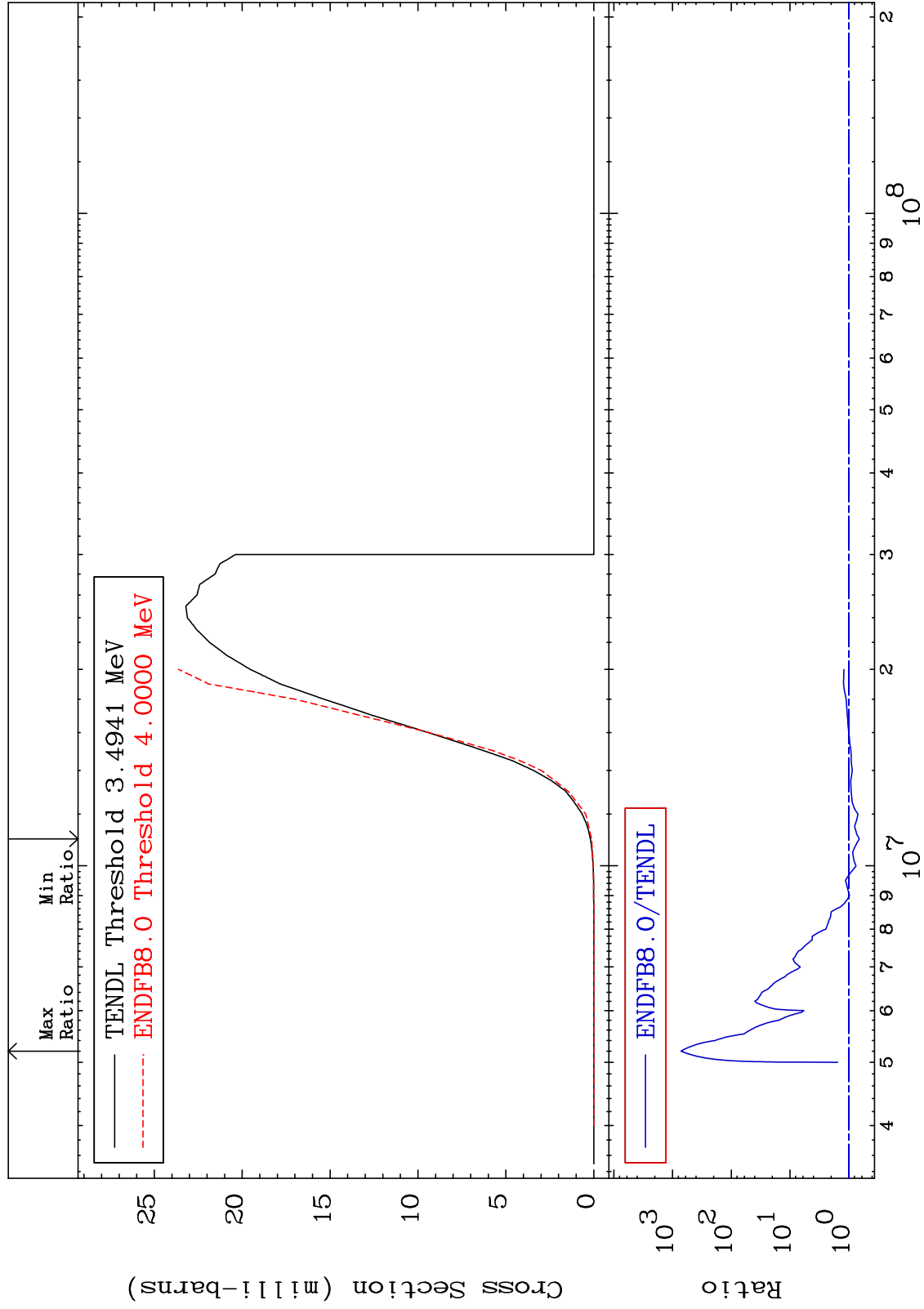
MAT 6037

(n,p)

60-Nd-146

Cross Section

-33.85 To 9999. %



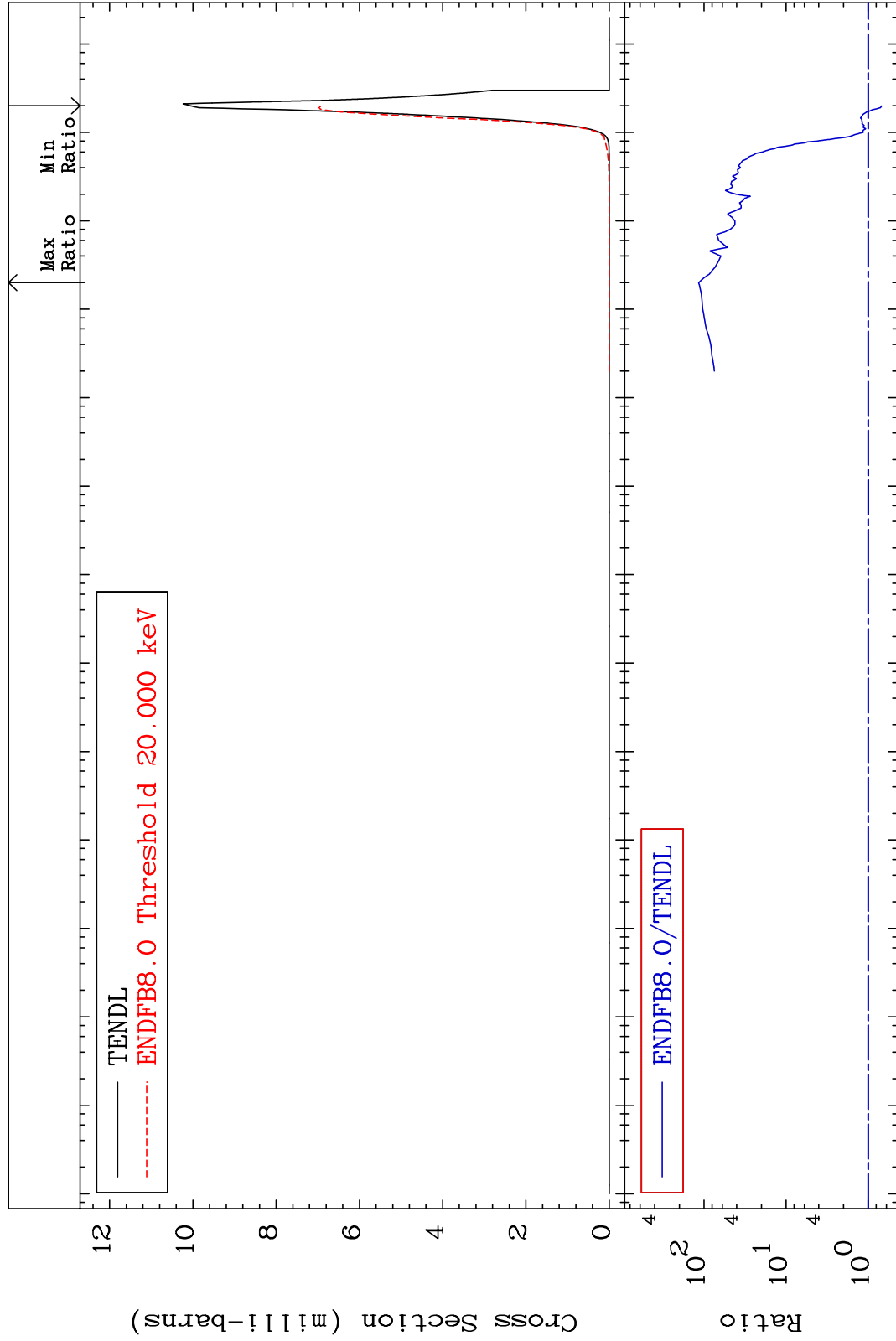
MAT 6037

(n,  $\alpha$ )

60-Nd-146

Cross Section

-31.35 To 9999. %



35

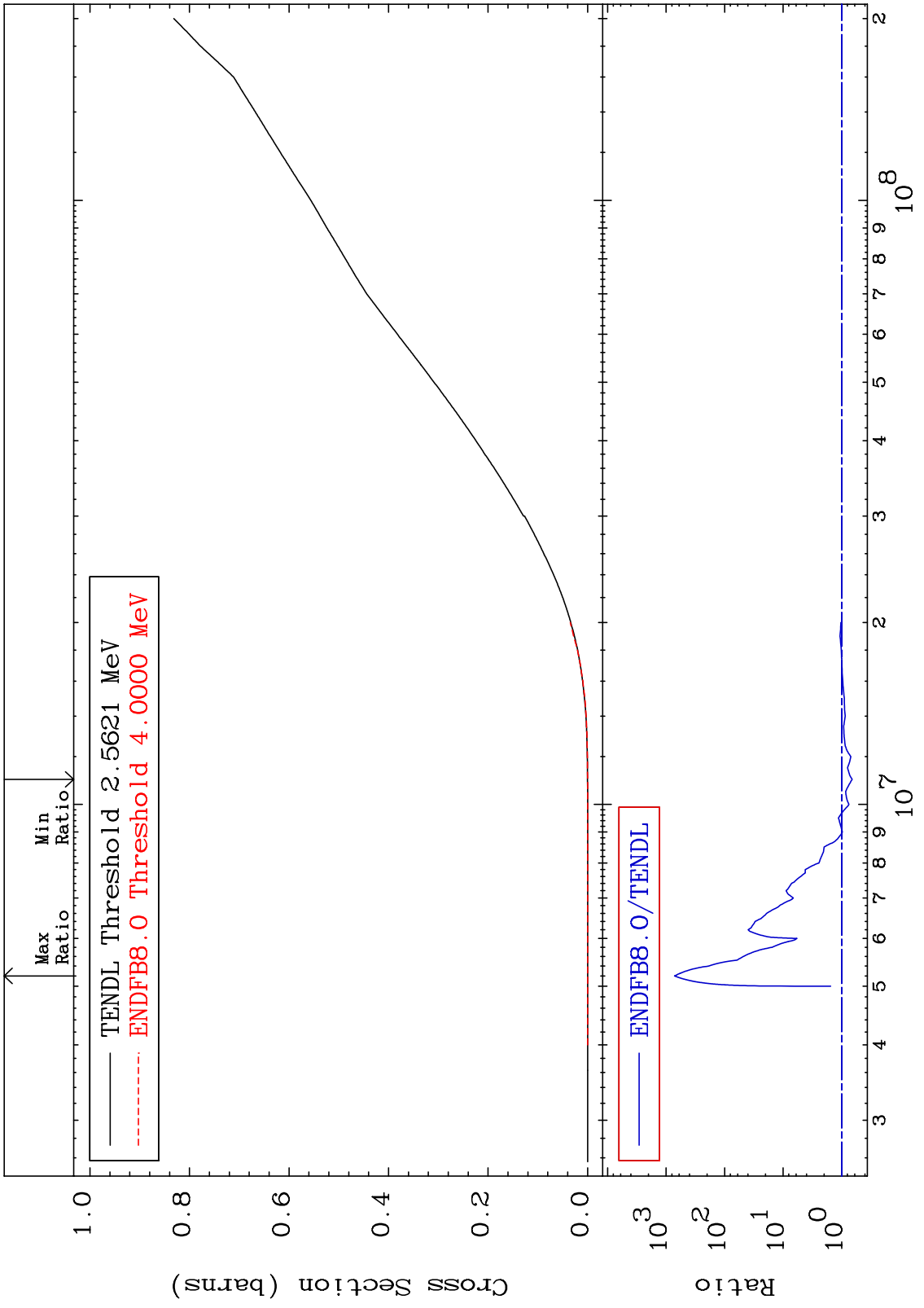
Incident Energy (eV)

60-Nd-146

MAT 6037

Hydrogen Production  
Cross Section

60-Nd-146  
-33.85 To 9999. %



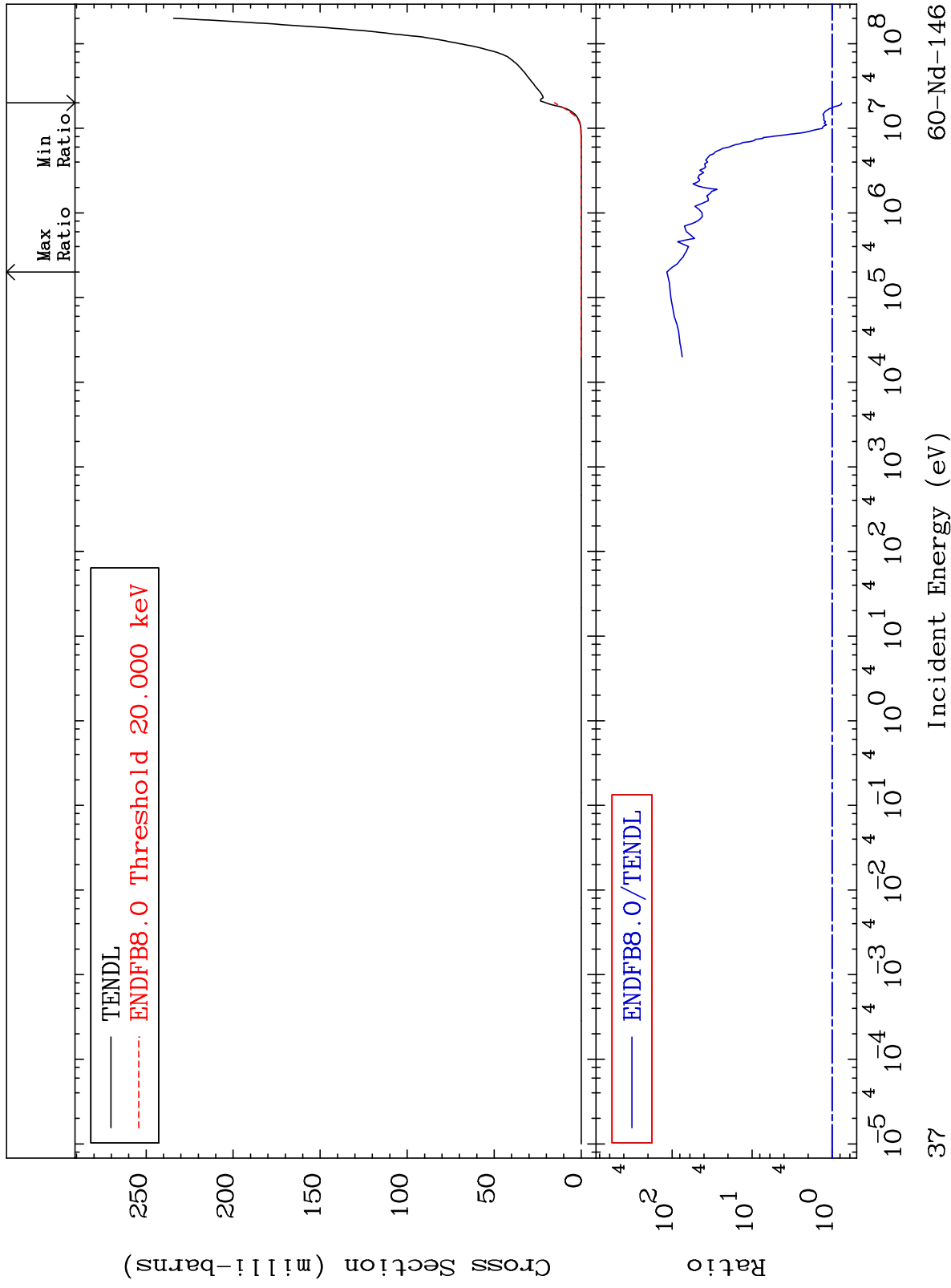
60-Nd-146

Incident Energy (eV)

MAT 6037

He-4 Production  
Cross Section

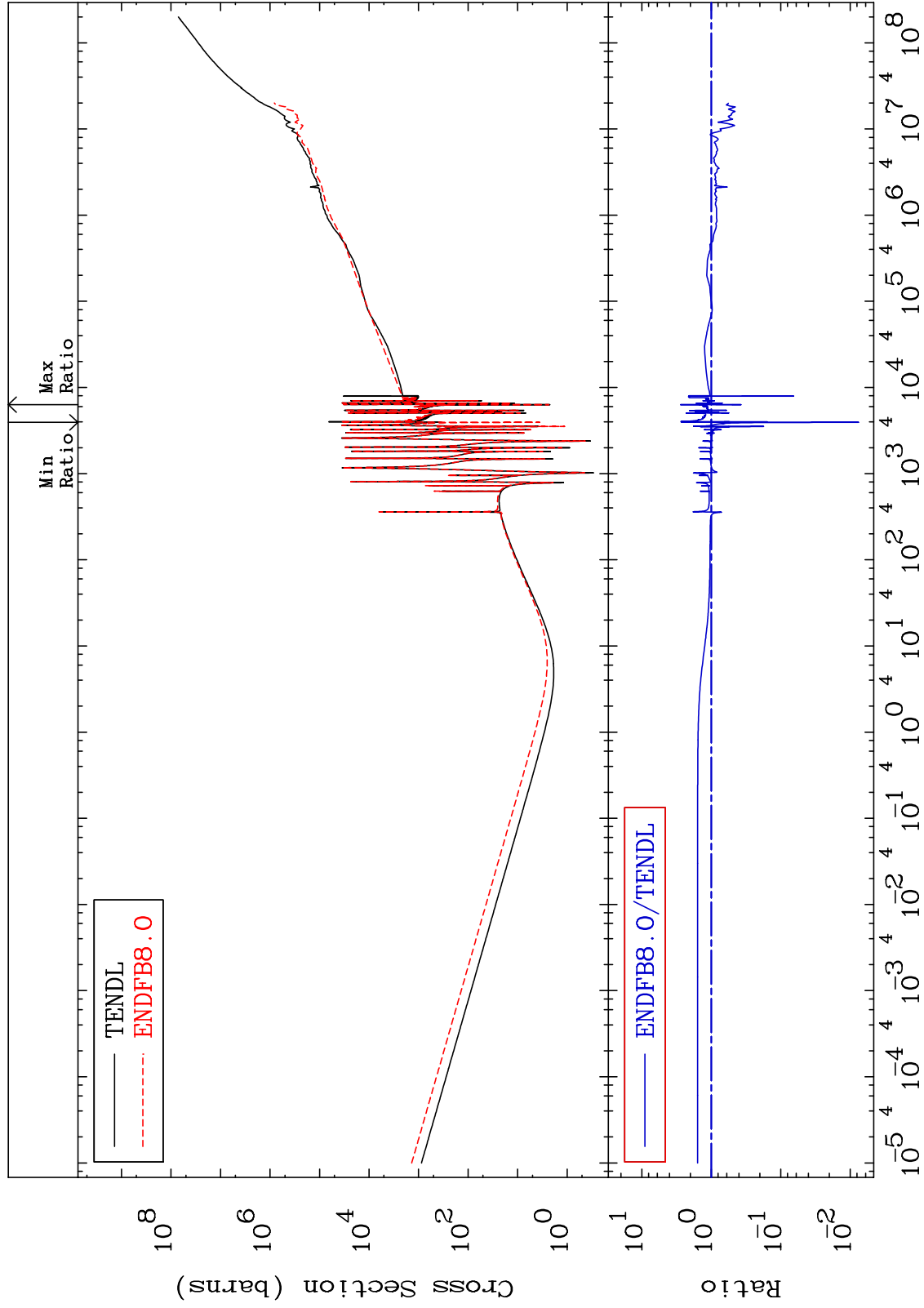
60-Nd-146  
-24.08 To 9999. %



MAT 6037

Kerma total (eV-barns)  
Cross Section

60-Nd-146  
-99.24 To 177.8 %



38

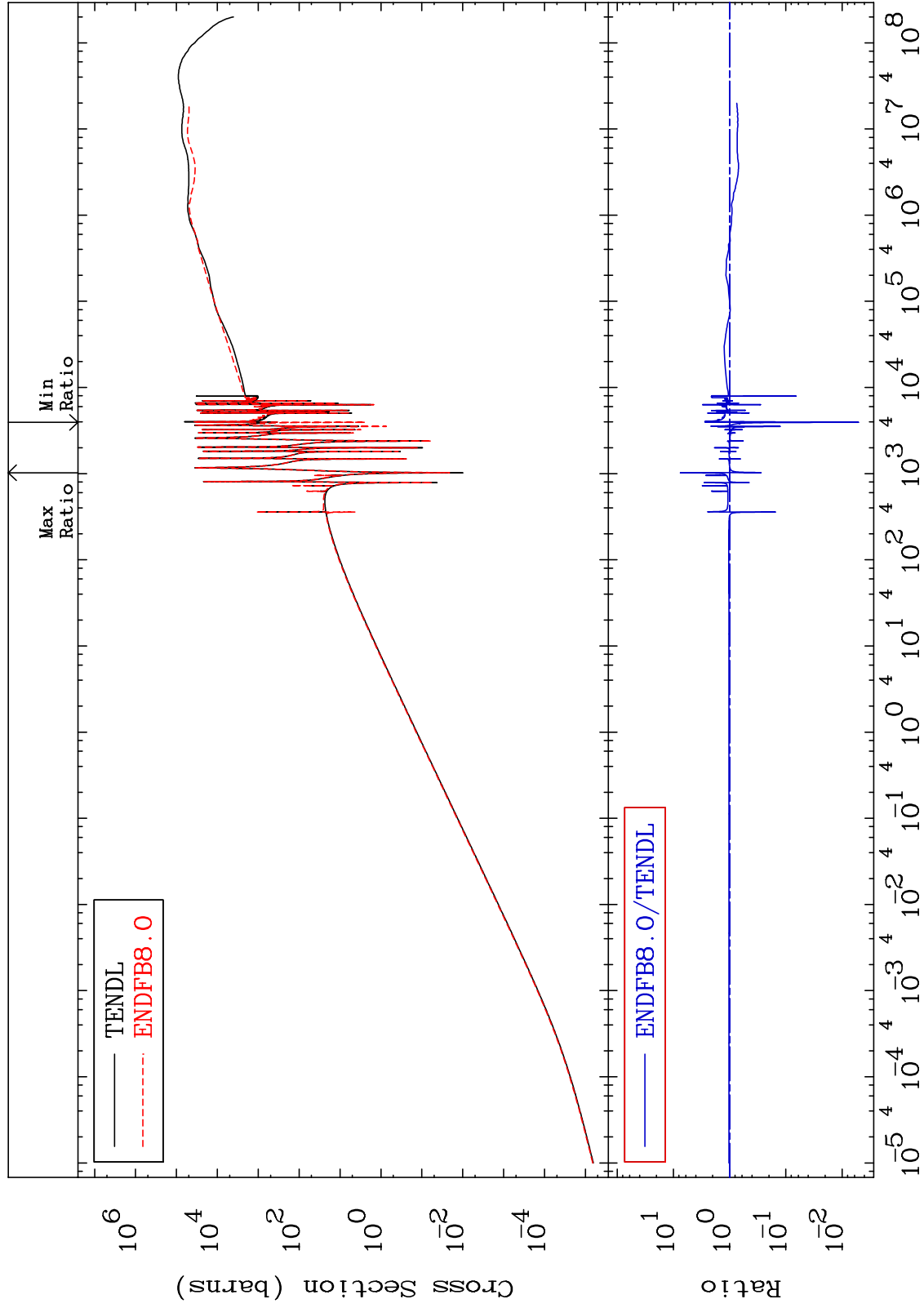
Incident Energy (eV)

60-Nd-146

MAT 6037

Kerma elastic  
Cross Section

60-Nd-146  
-99.49 To 649.6 %



39

Incident Energy (eV)

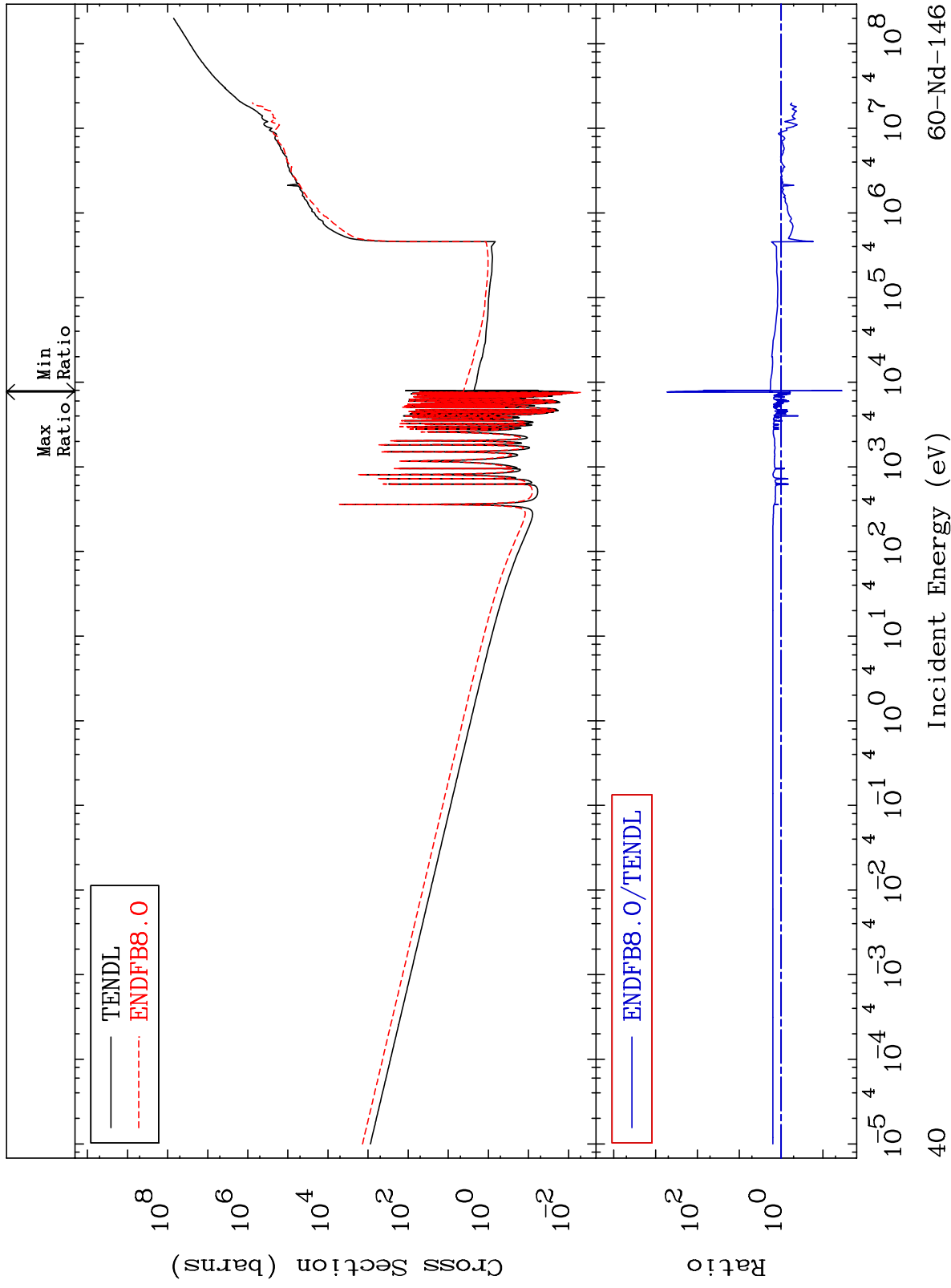
60-Nd-146



MAT 6037

Kerma non-elastic (all but mt2)  
Cross Section

60-Nd-146  
-96.46 To 9999. %



40

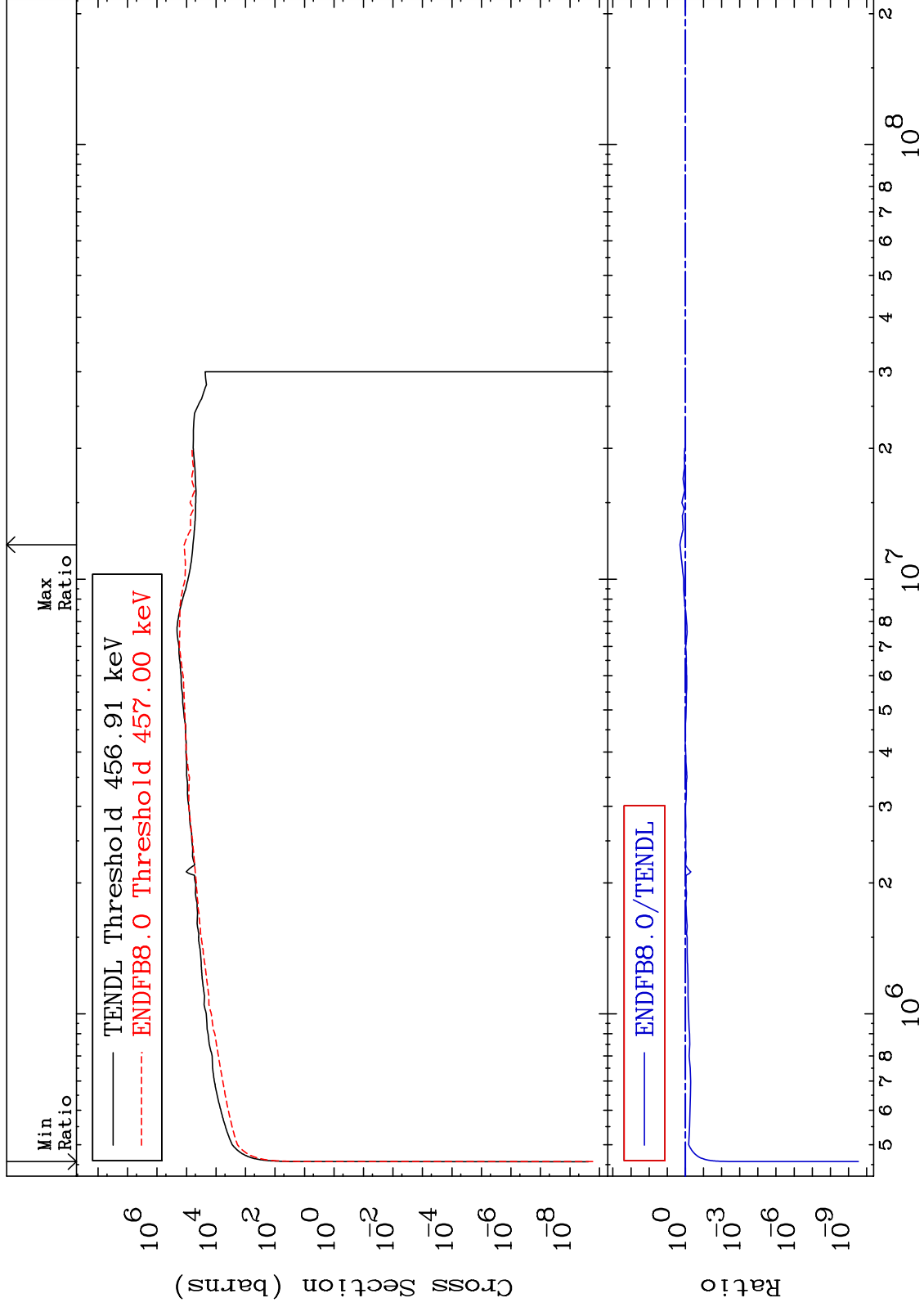
Incident Energy (eV)

60-Nd-146

MAT 6037

Kerma inelastic (mt51-91)  
Cross Section

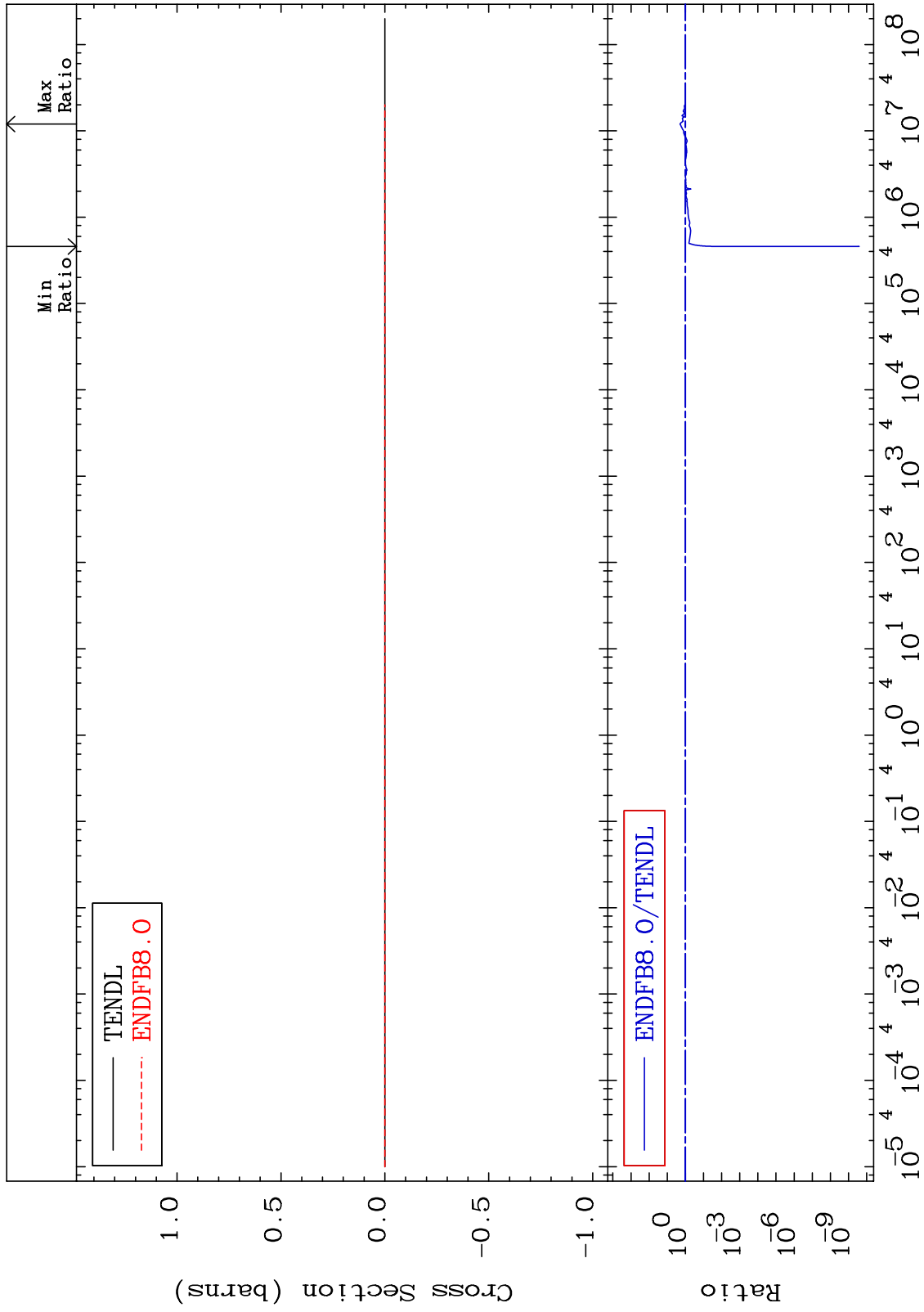
60-Nd-146  
-100.0 To 97.76 %



MAT 6037

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

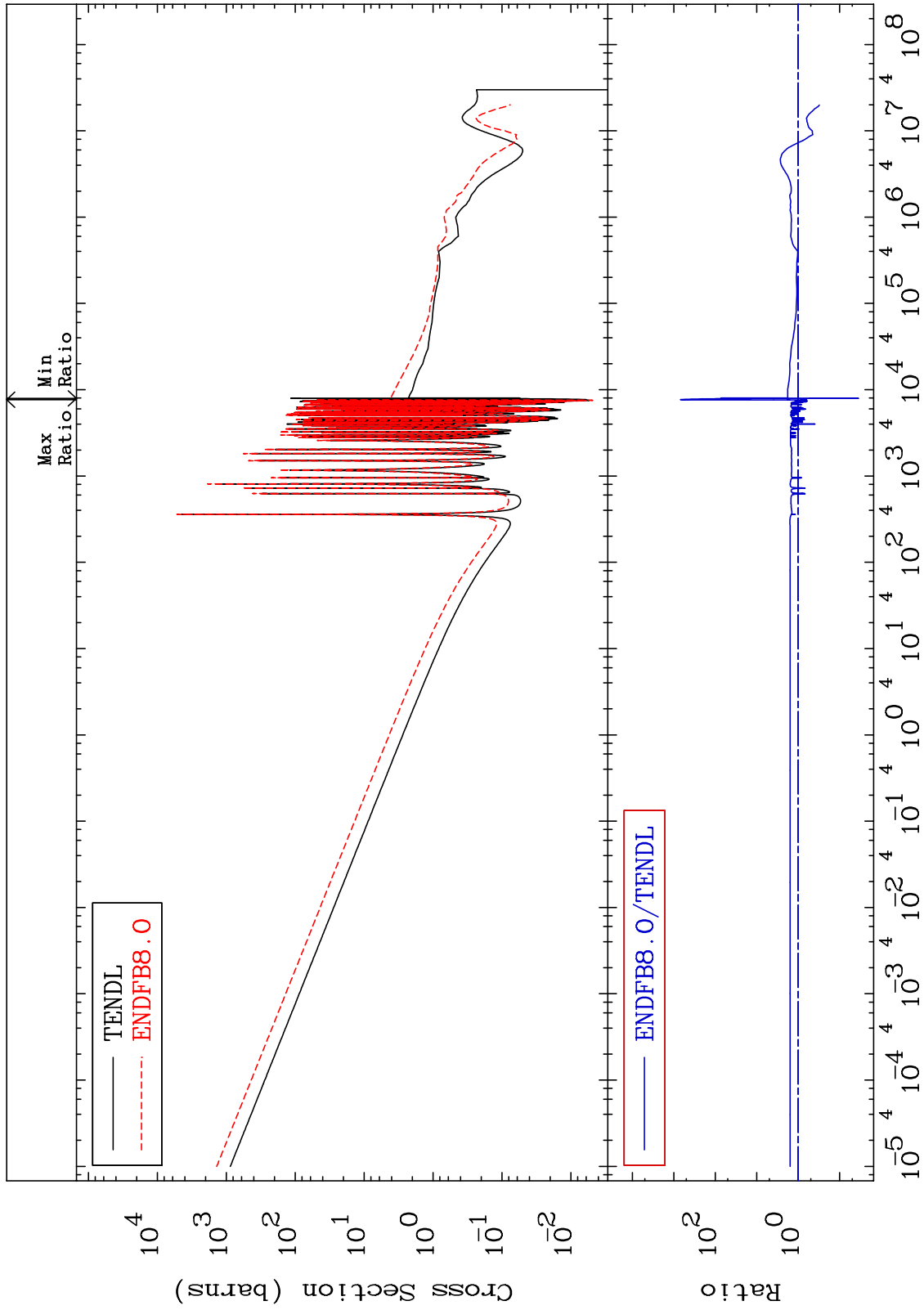
60-Nd-146  
-100.0 To 97.76 %



MAT 6037

Kerma capture (mt102)  
Cross Section

60-Nd-146  
-96.46 To 9999. %



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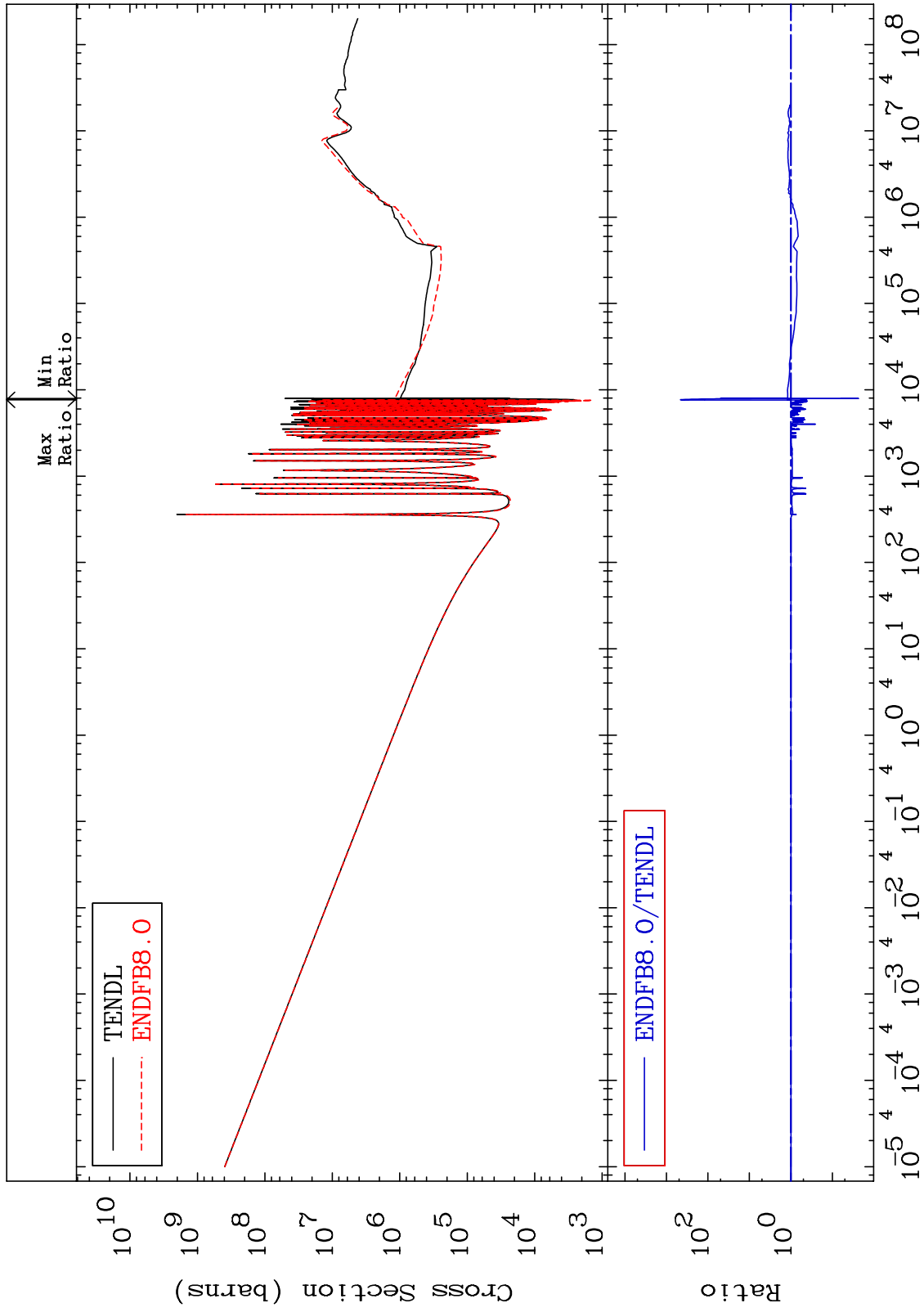
Incident Energy (eV)

60-Nd-146

MAT 6037

Total photon (eV-barns)  
Cross Section

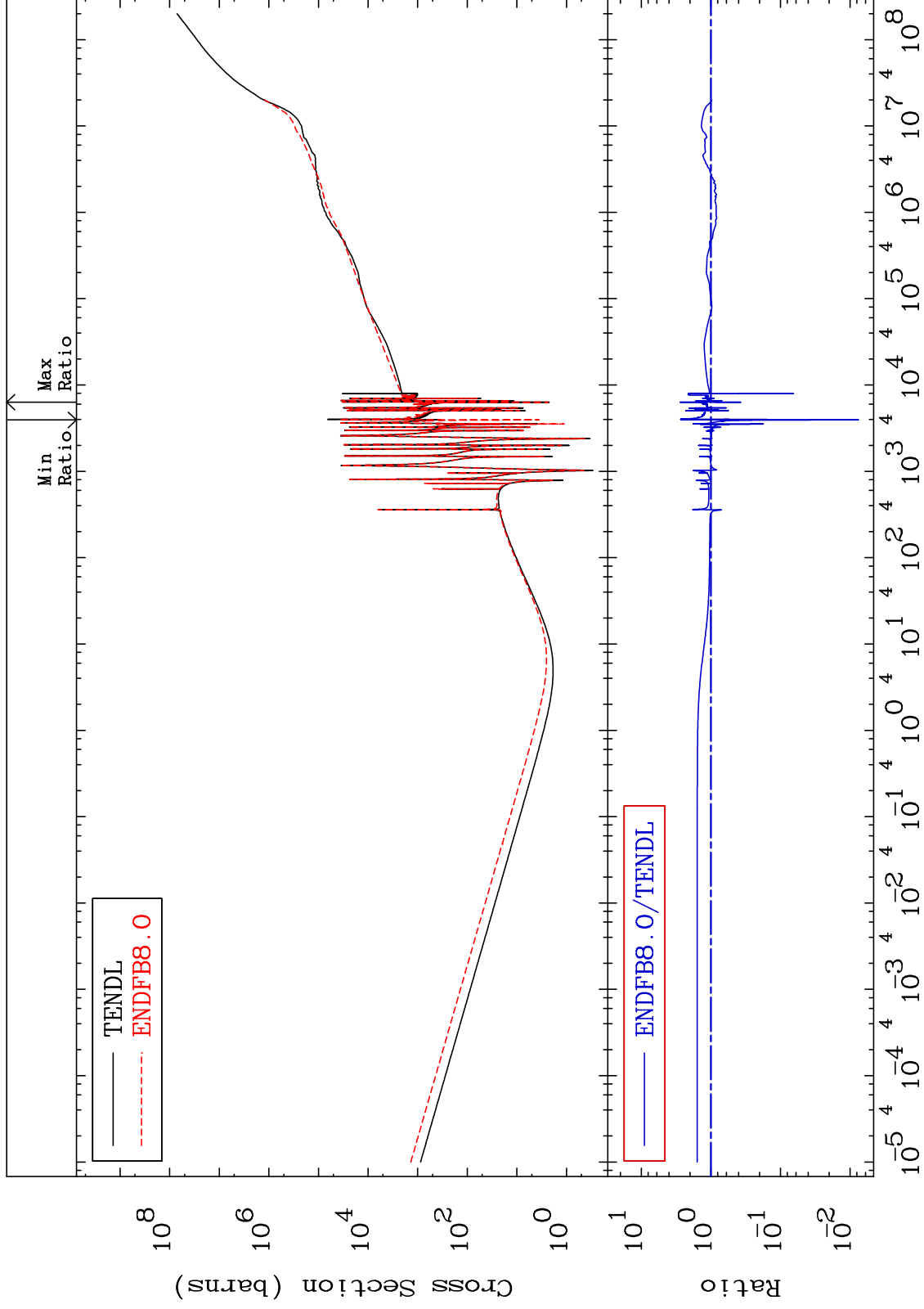
60-Nd-146  
-97.65 To 9999. %



MAT 6037

Total kinematic kerma (high limit)  
Cross Section

60-Nd-146  
-99.24 To 177.8 %



45

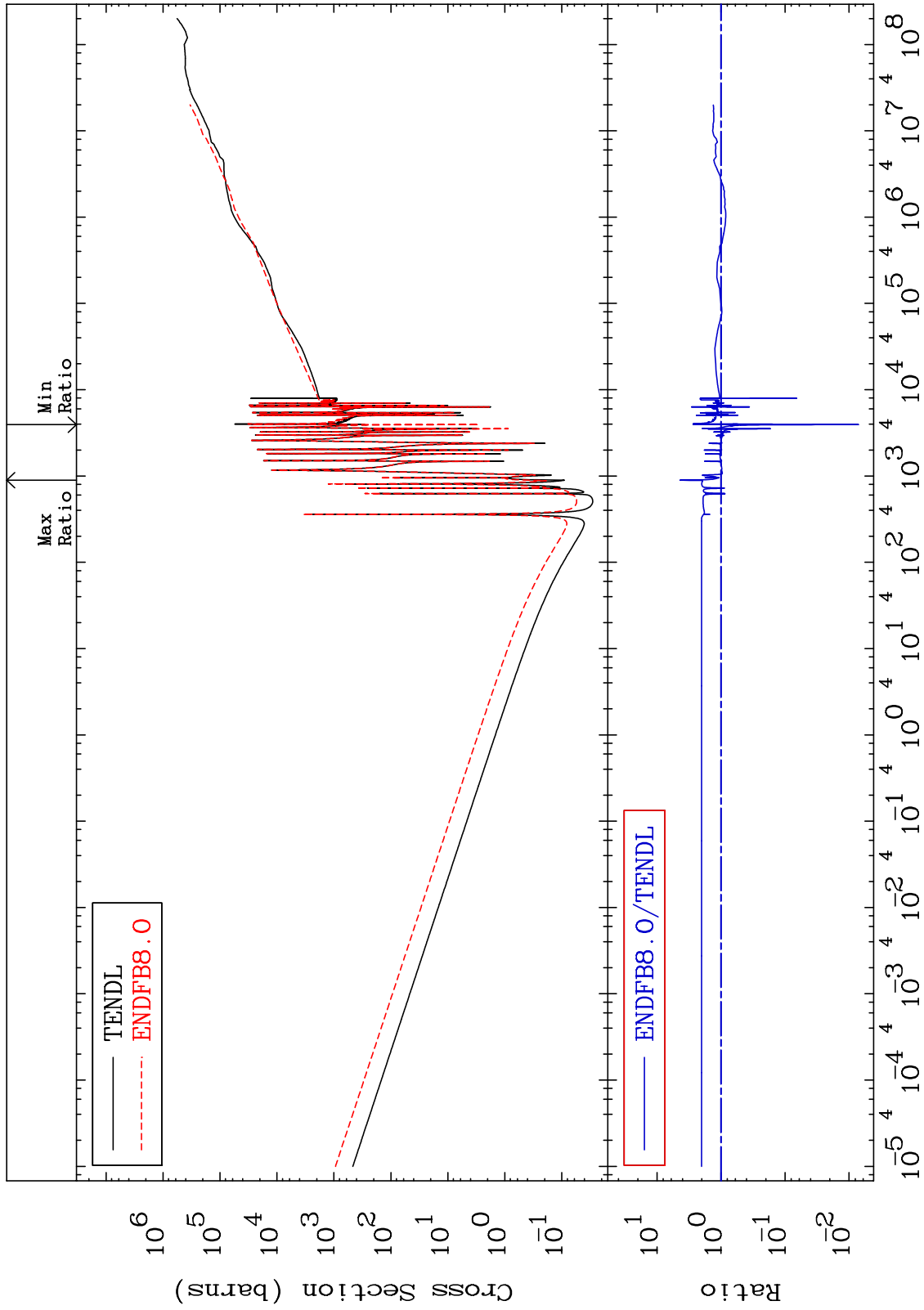
Incident Energy (eV)

60-Nd-146

MAT 6037

Dpa total (eV-barns)  
Cross Section

60-Nd-146  
-99.29 To 337.6 %



46

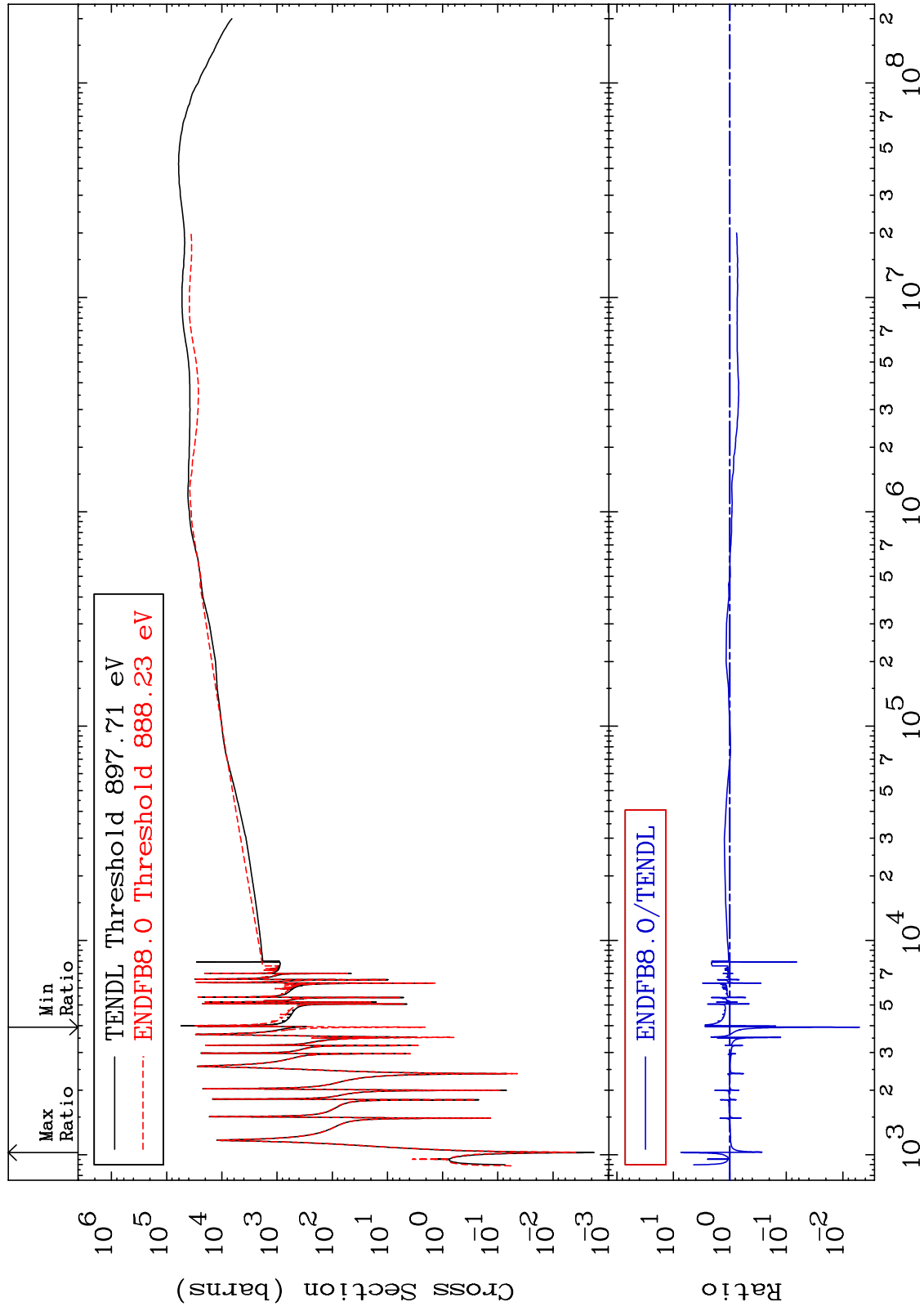
Incident Energy (eV)

60-Nd-146

MAT 6037

Dpa elastic (mt2)  
Cross Section

60-Nd-146  
-99.49 To 631.7 %



47

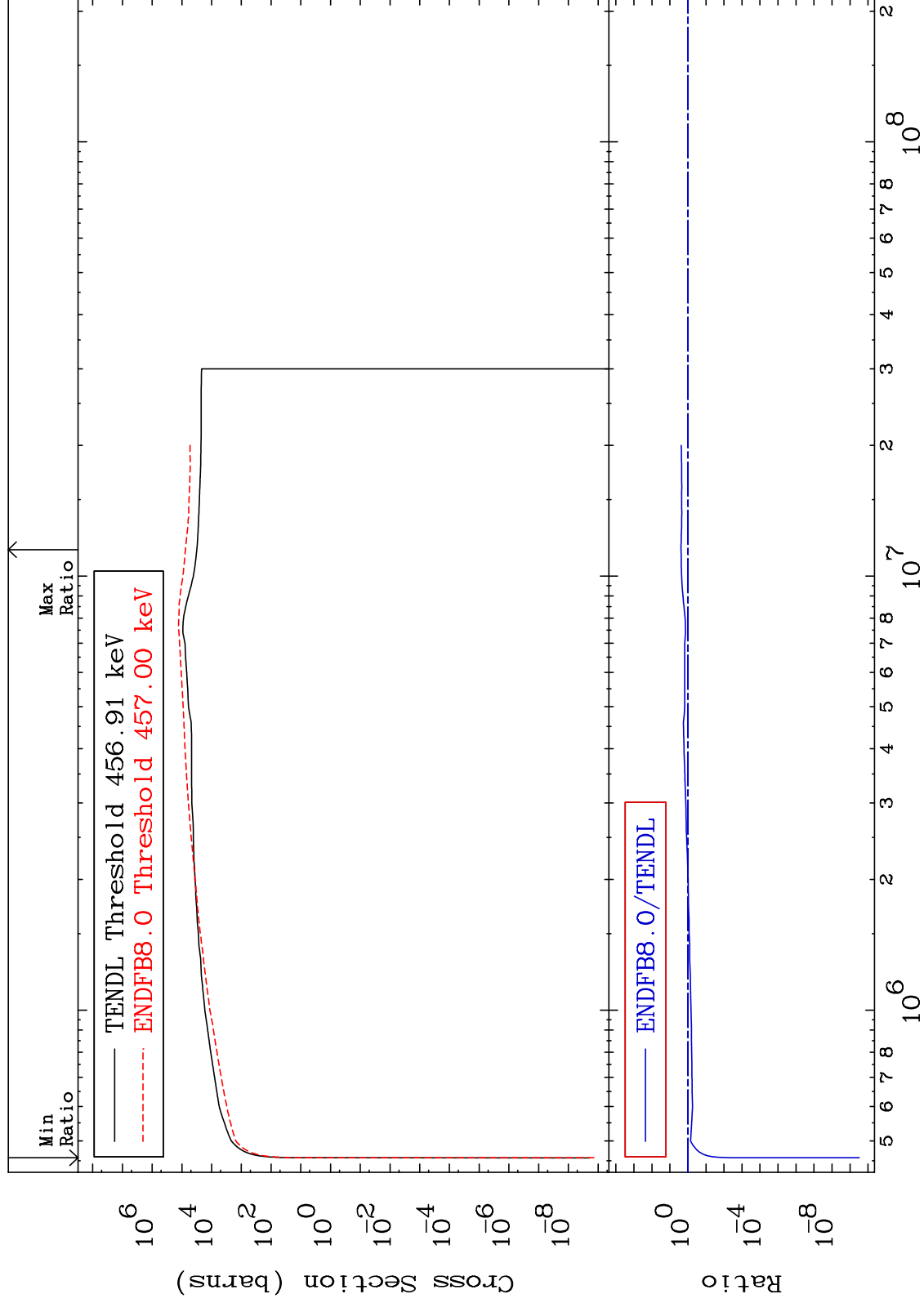
60-Nd-146



MAT 6037

Dpa inelastic (mt51-91)  
Cross Section

60-Nd-146  
-100.0 To 141.0 %



48

Incident Energy (eV)

60-Nd-146

MAT 6037

Dpa disappearance (mt102 -120)  
Cross Section

60-Nd-146  
-95.51 To 9999. %

