

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

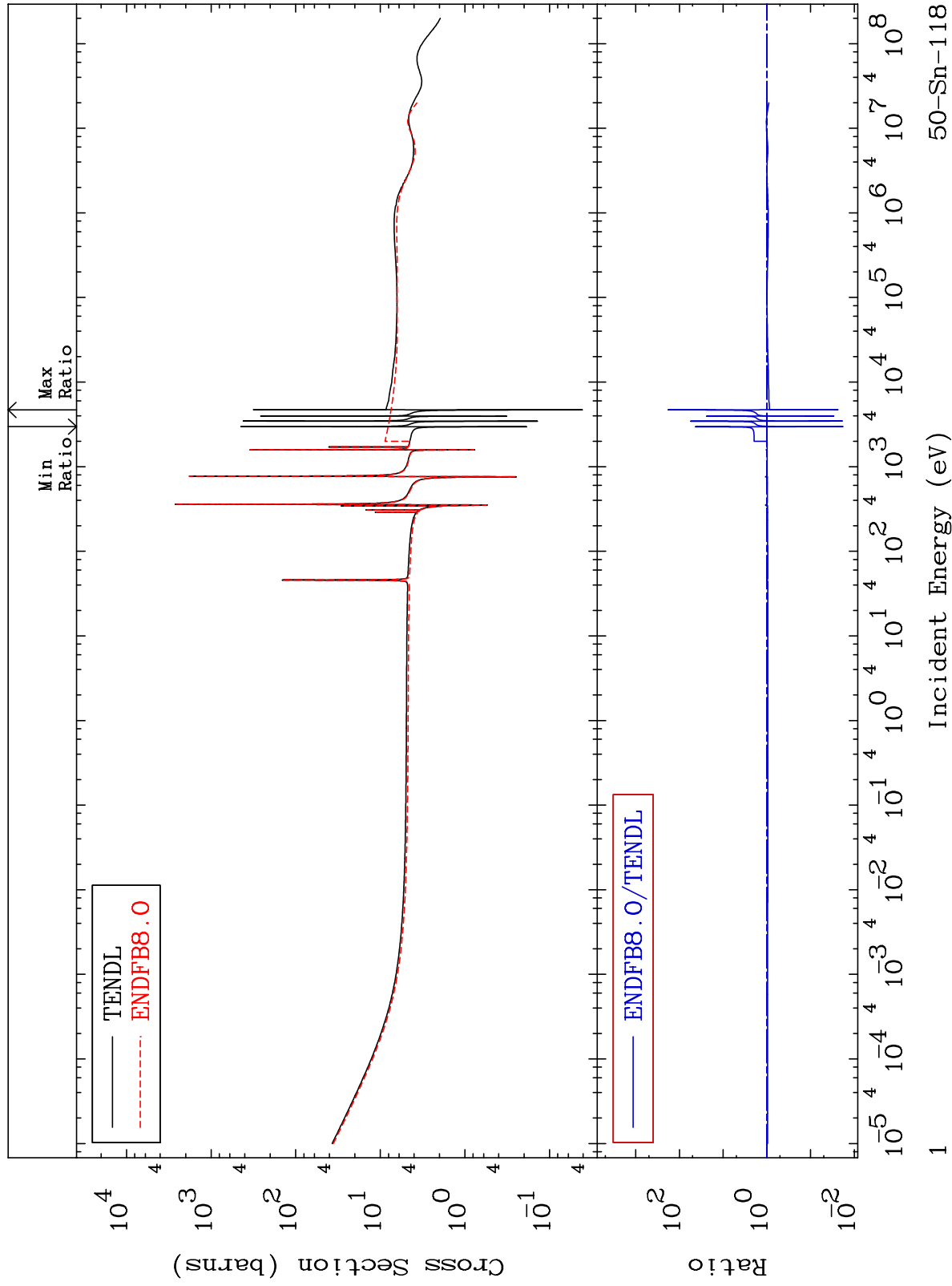
MAT 5043

Total

50-Sn-118

Cross Section

-98.18 To 9999. %

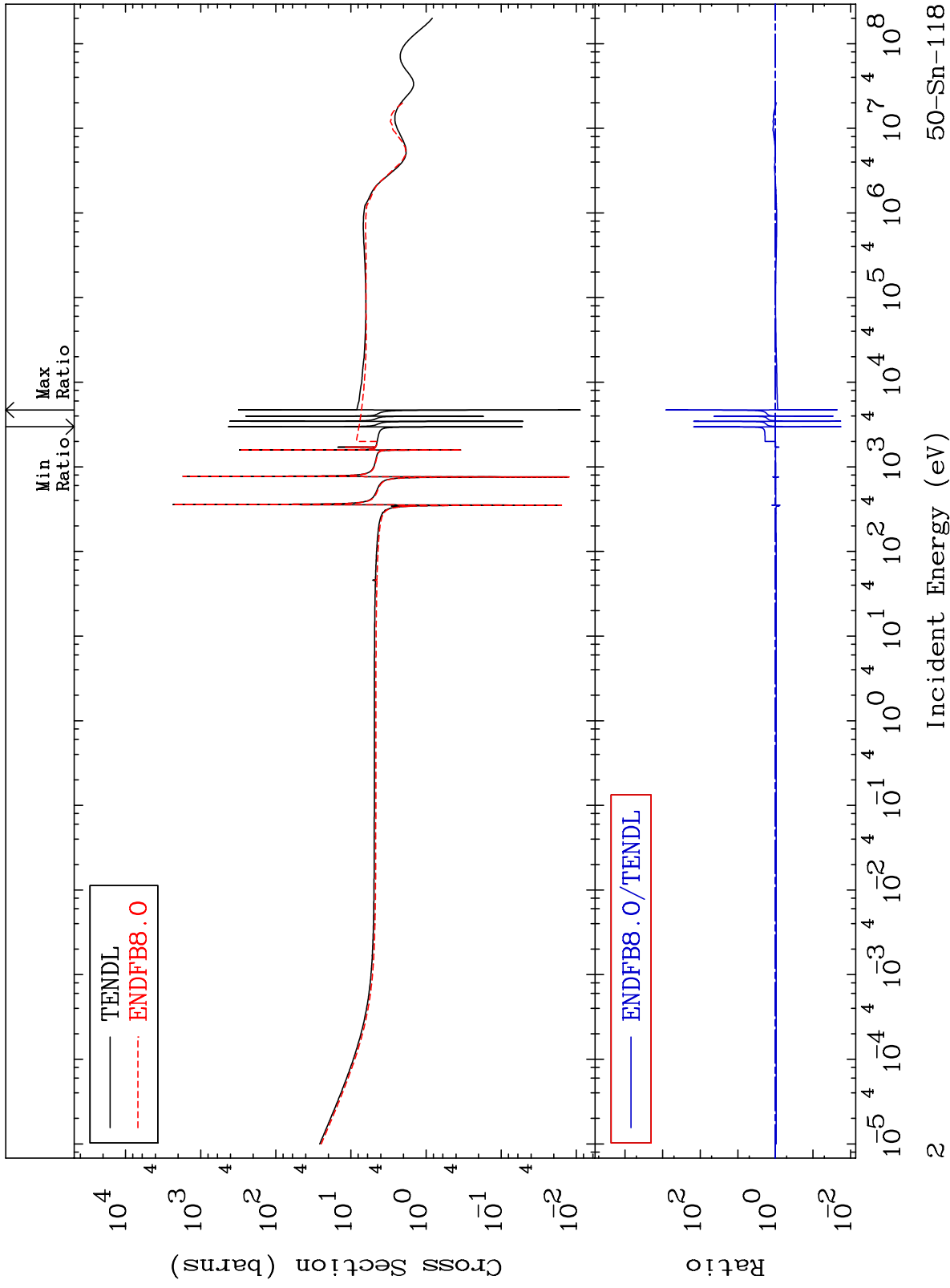


50-Sn-118

MAT 5043

Elastic  
Cross Section

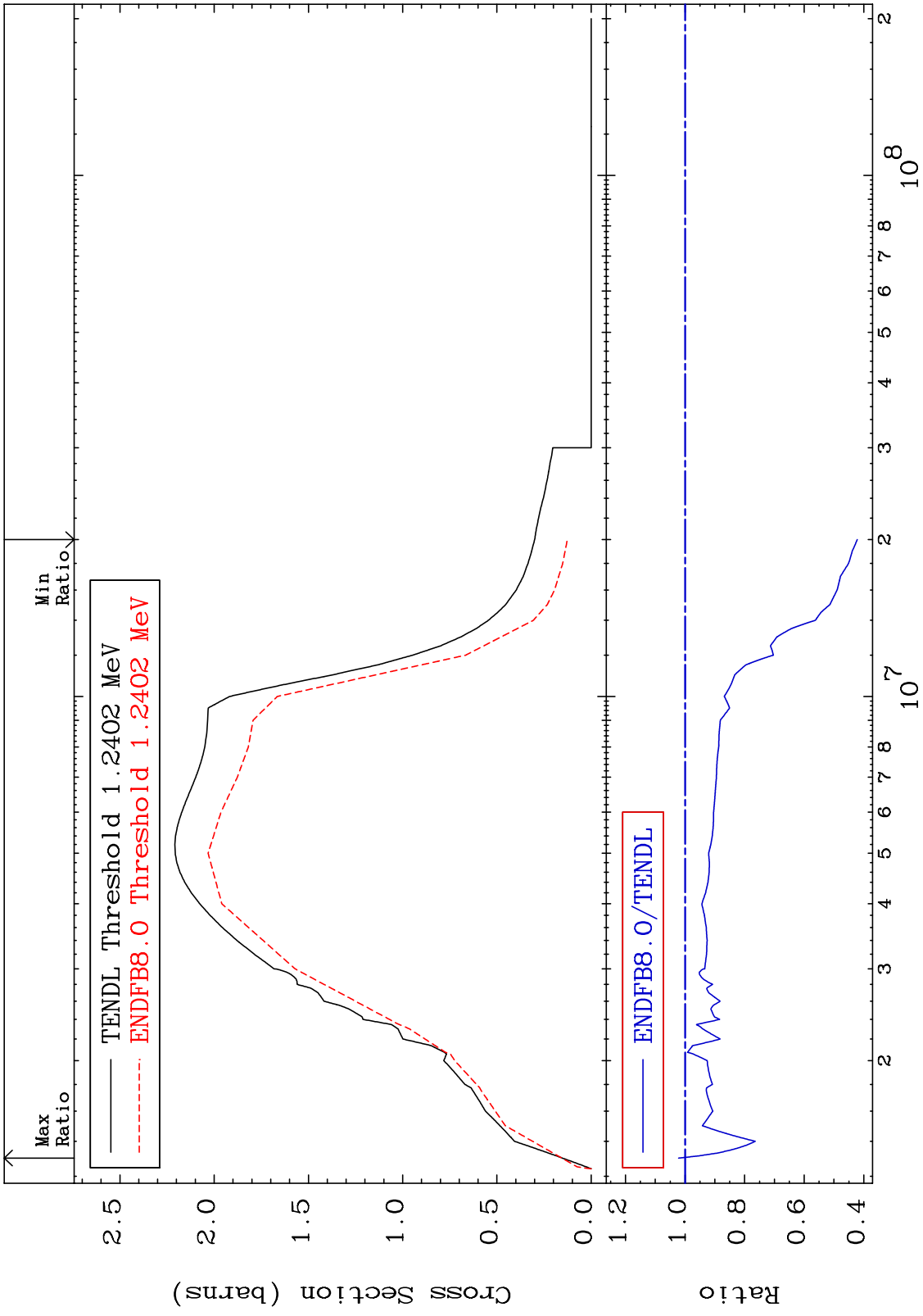
50-Sn-118  
-98.18 To 9999. %



50-Sn-118

Incident Energy (eV)

MAT 5043      Inelastic Cross Section      50-Sn-118      -57.84 To 2.153 %



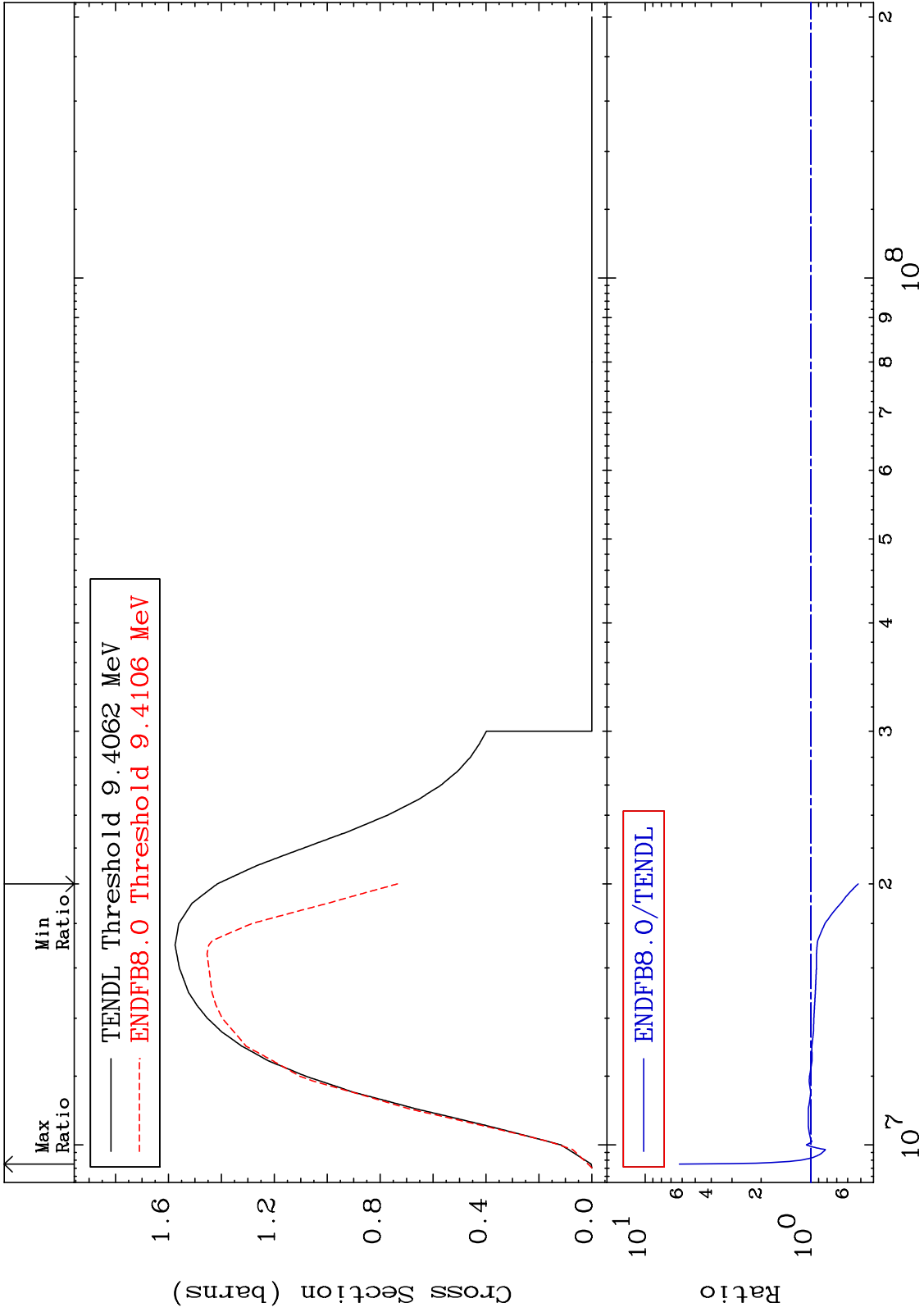
MAT 5043

(n,2n)

50-Sn-118

Cross Section

-48.11 To 522.8 %



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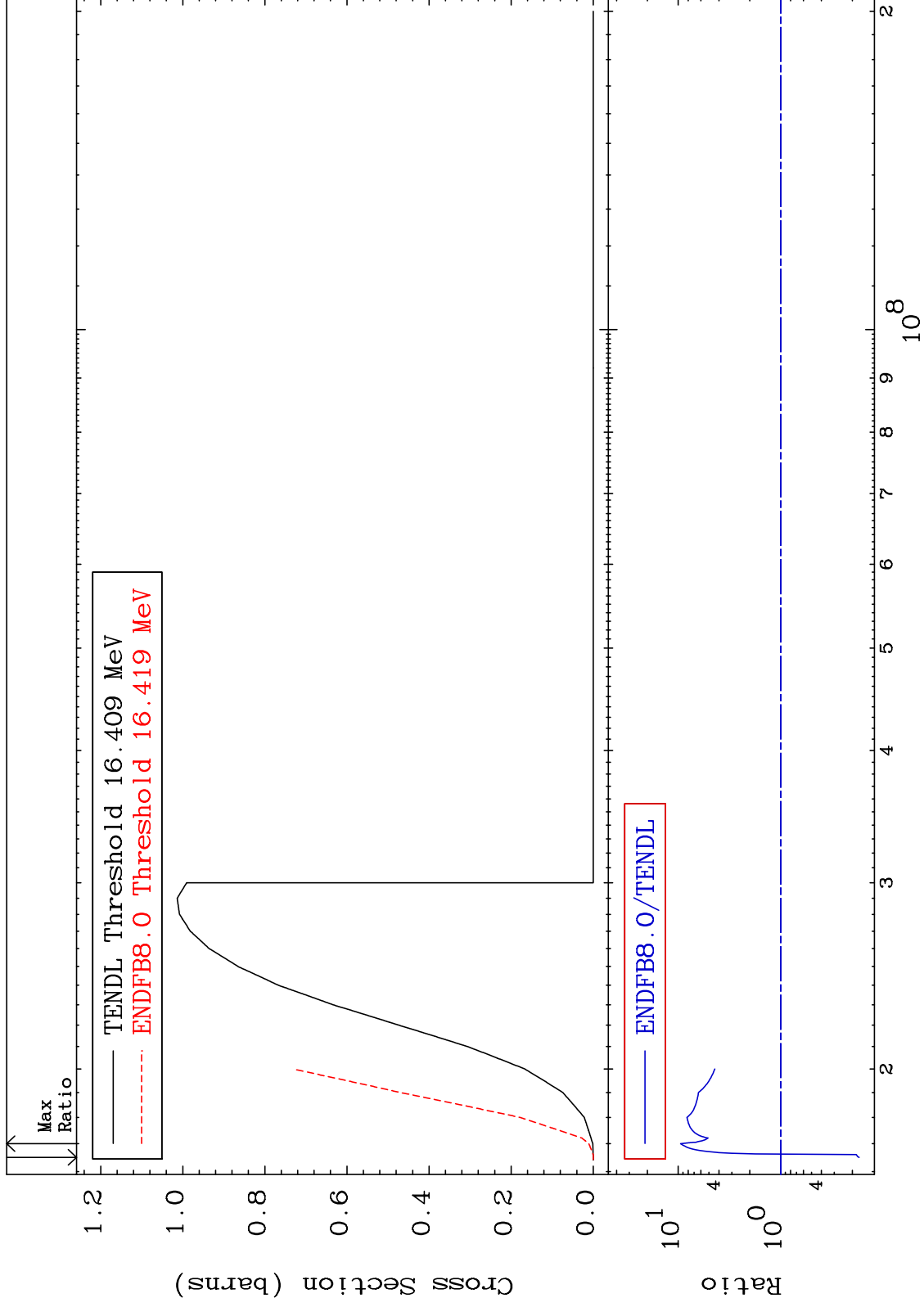
Incident Energy (eV)

50-Sn-118

MAT 5043

(n,3n)  
Cross Section

50-Sn-118  
-82.87 To 846.8 %



Incident Energy (eV)

50-Sn-118

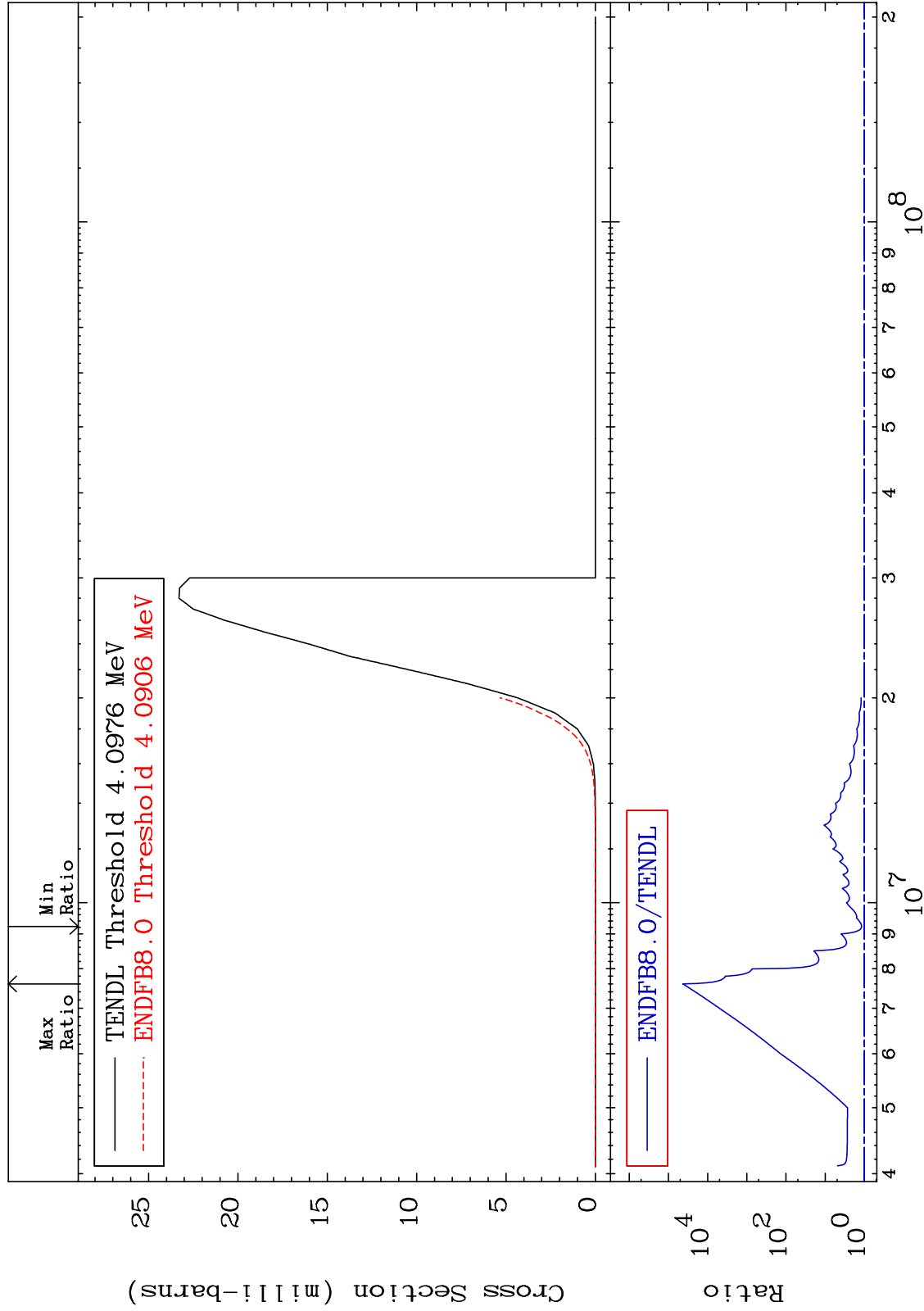
MAT 5043

(n,n')  $\alpha$

50-Sn-118

18.06 To 9999. %

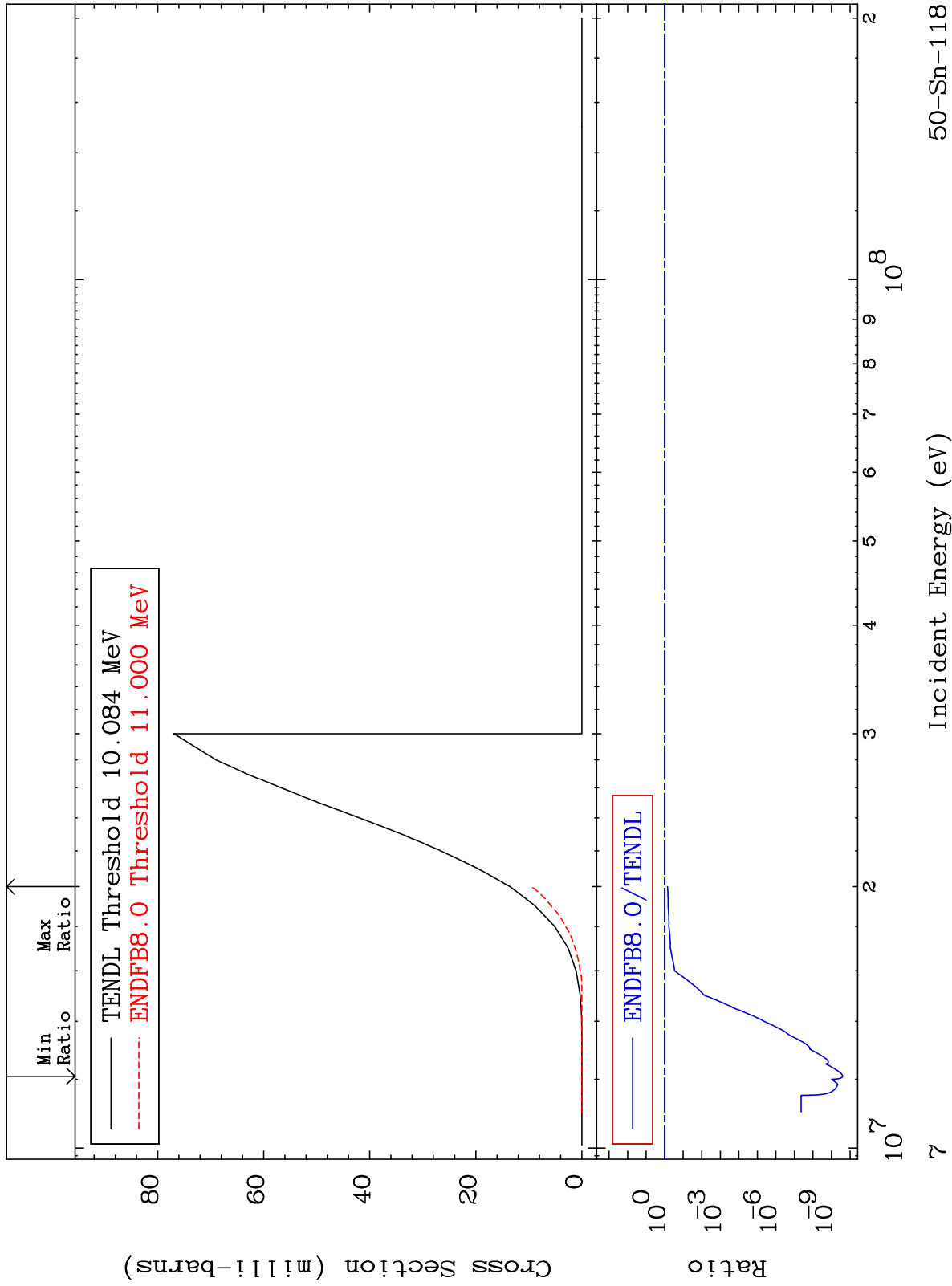
Cross Section



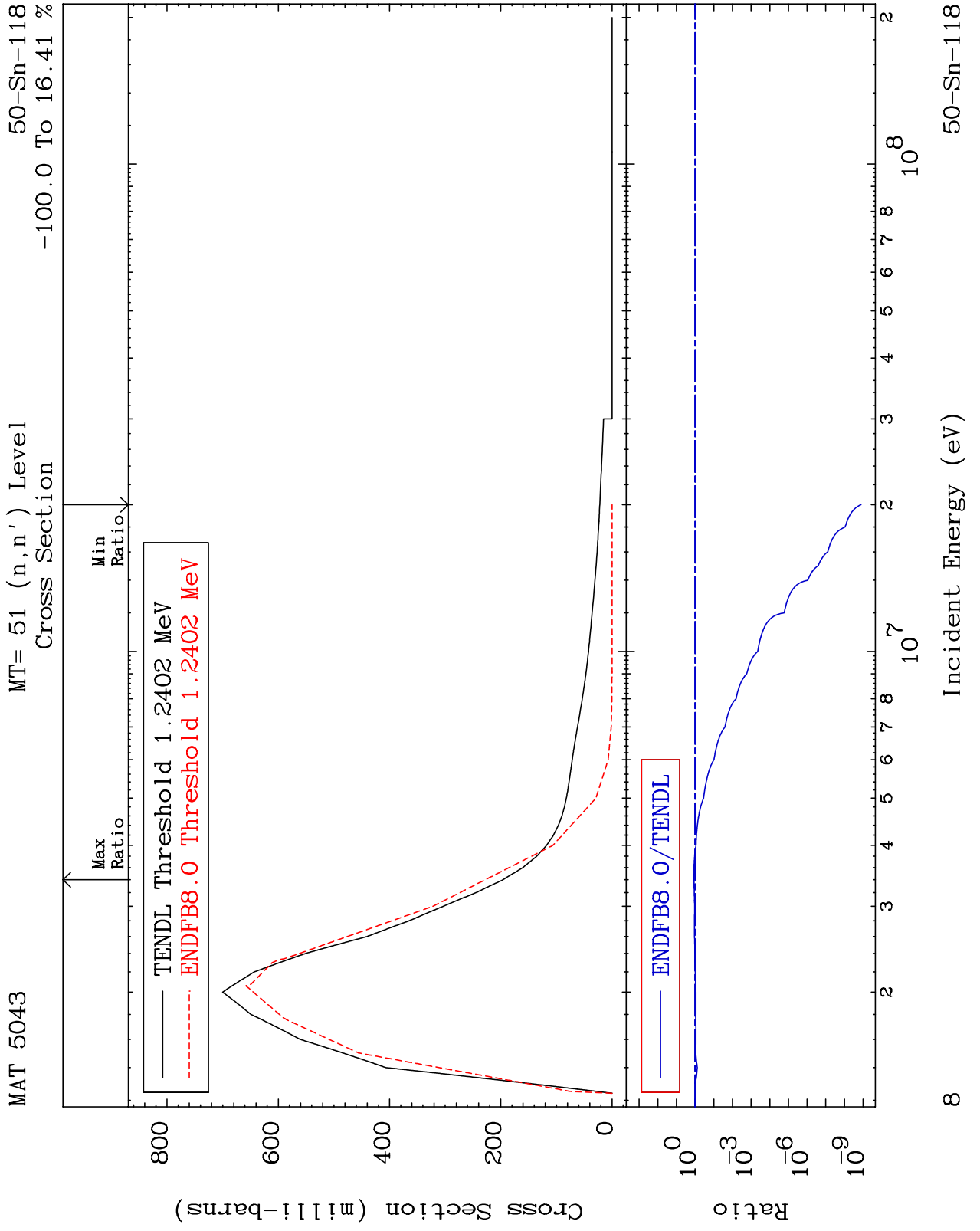
MAT 5043

(n,n') p  
Cross Section

50-Sn-118  
-100.0 To -30.14%



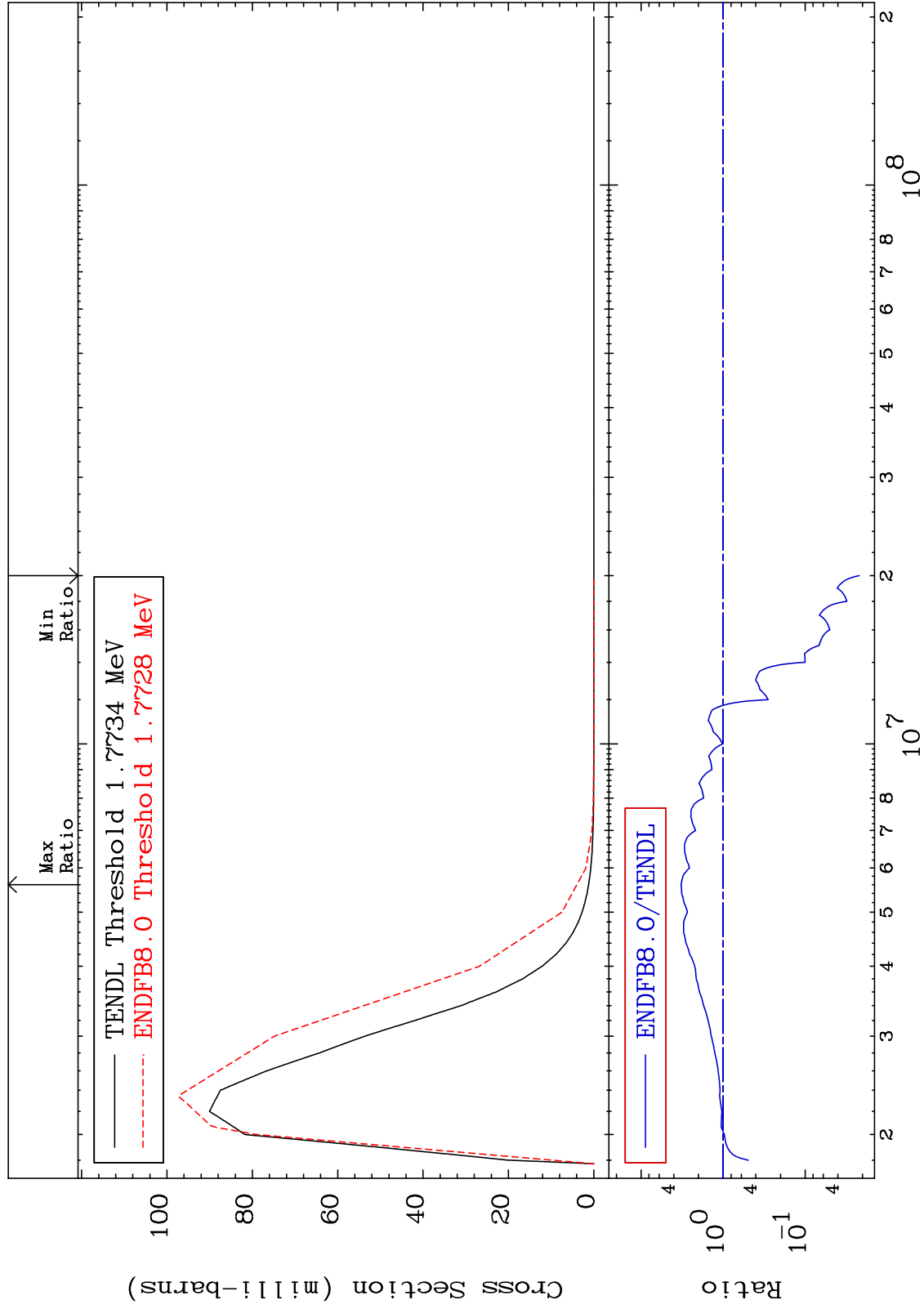




MAT 5043

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

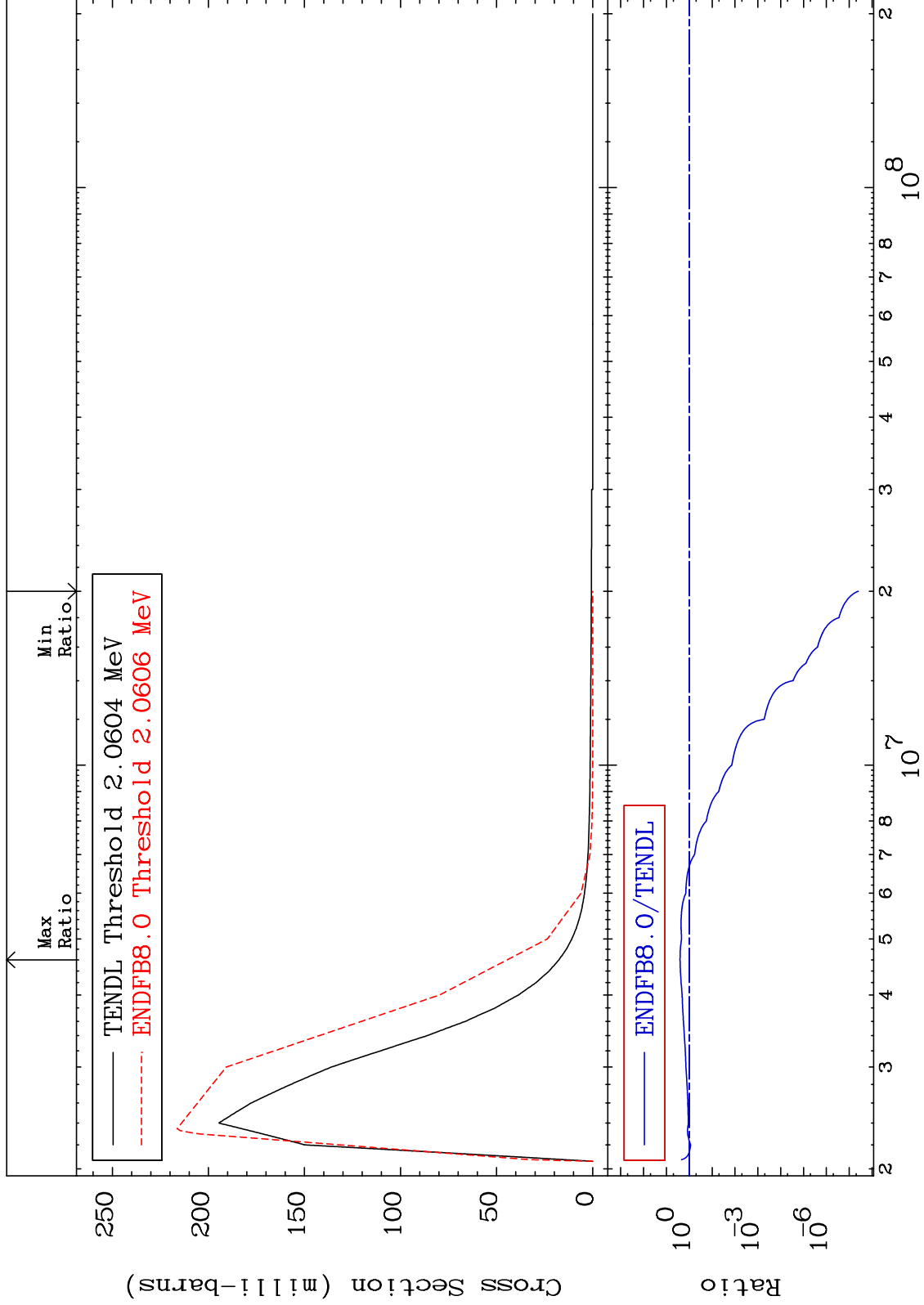
50-Sn-118  
-97.81 To 225.7 %



MAT 5043

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

50-Sn-118  
-100.0 To 154.1 %



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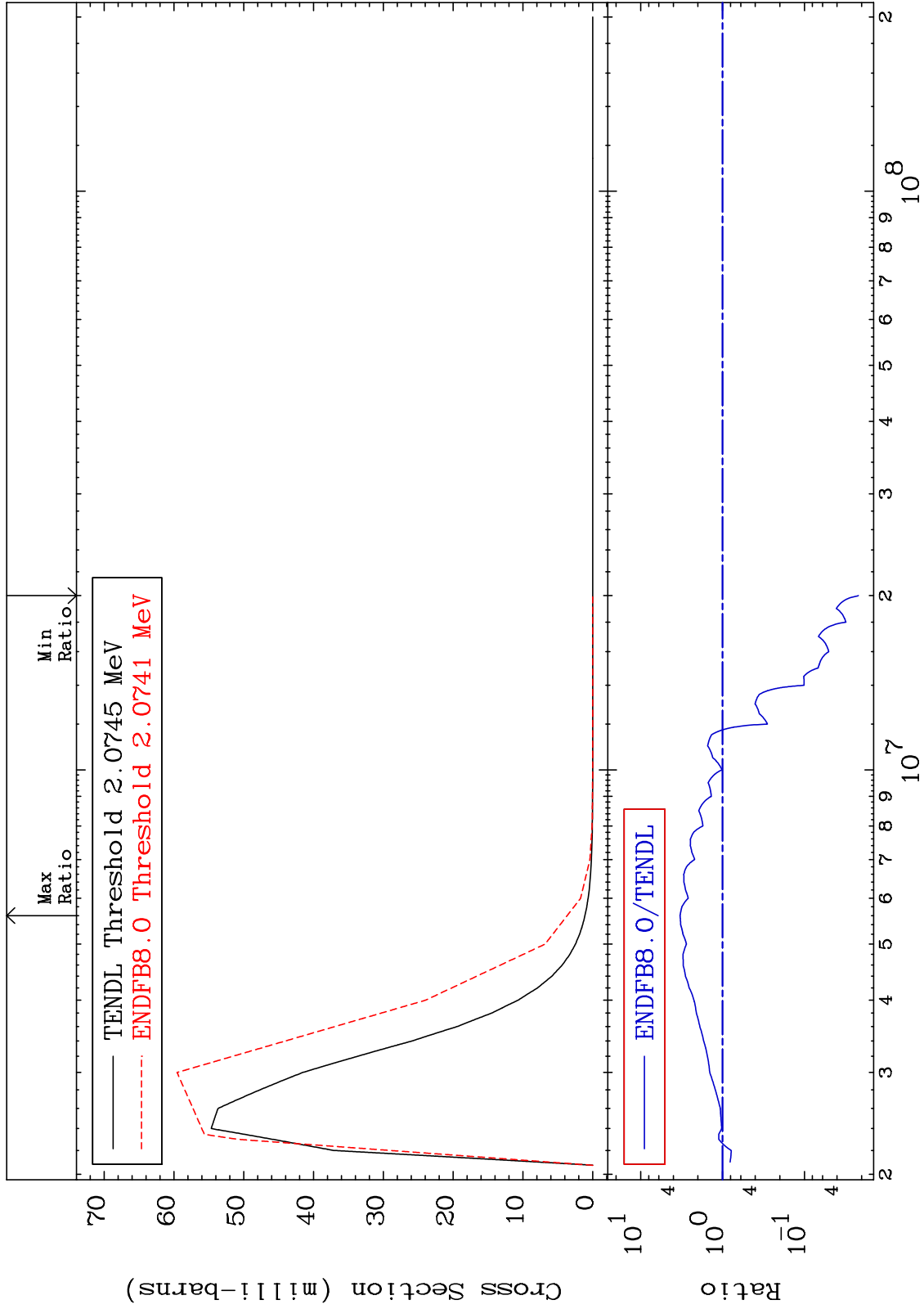
Incident Energy (eV)

50-Sn-118

MAT 5043

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

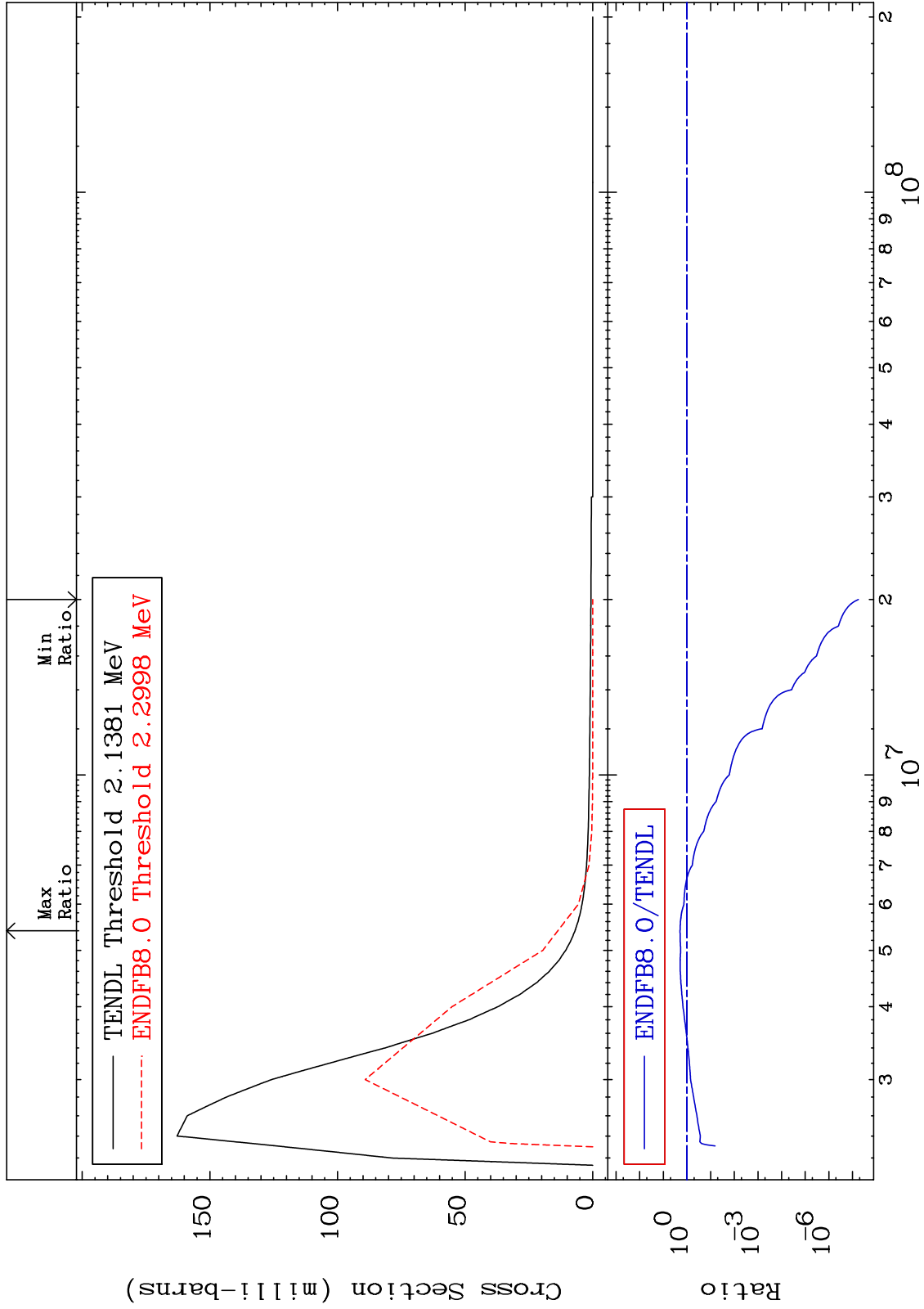
50-Sn-118  
-97.81 To 231.1 %

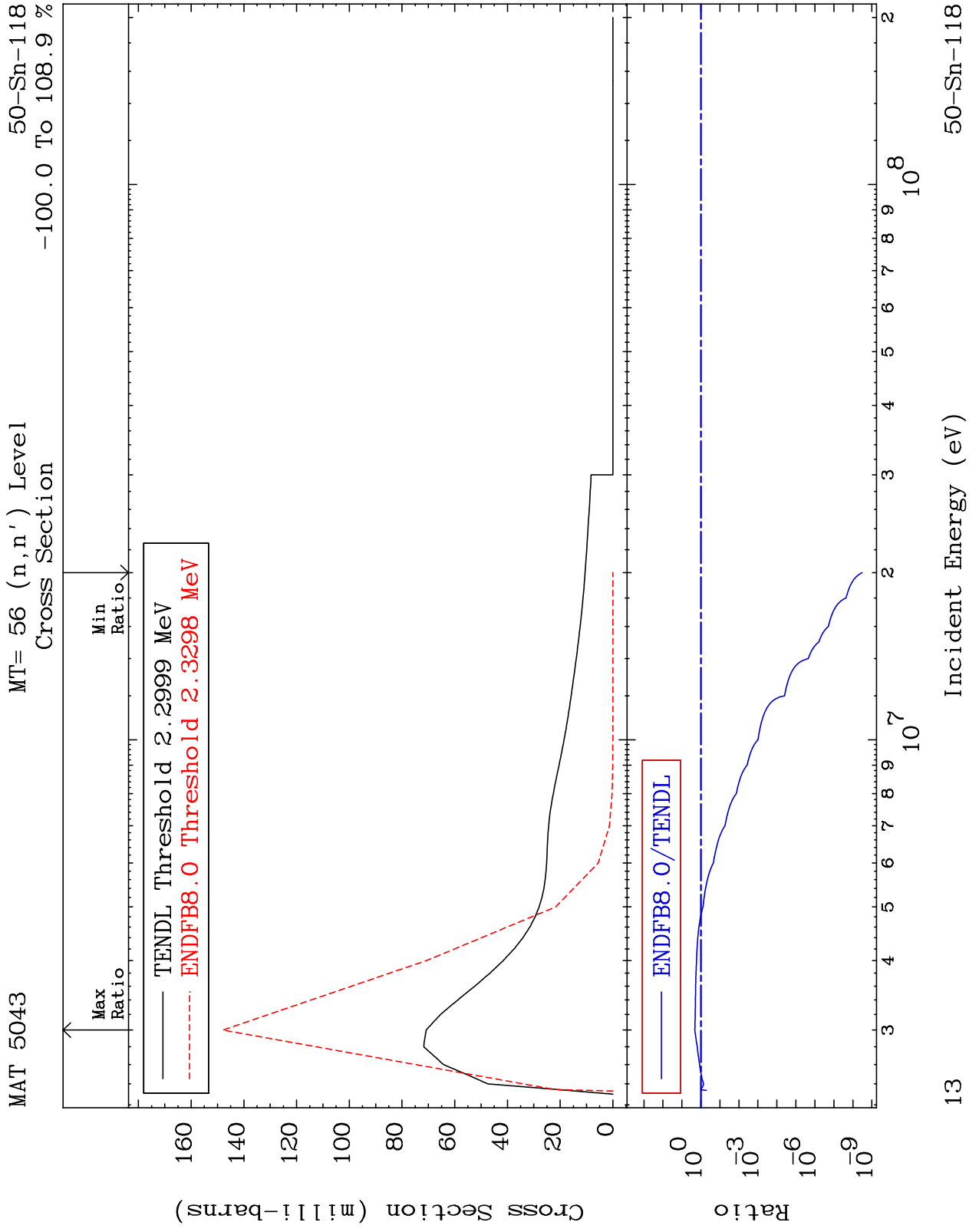


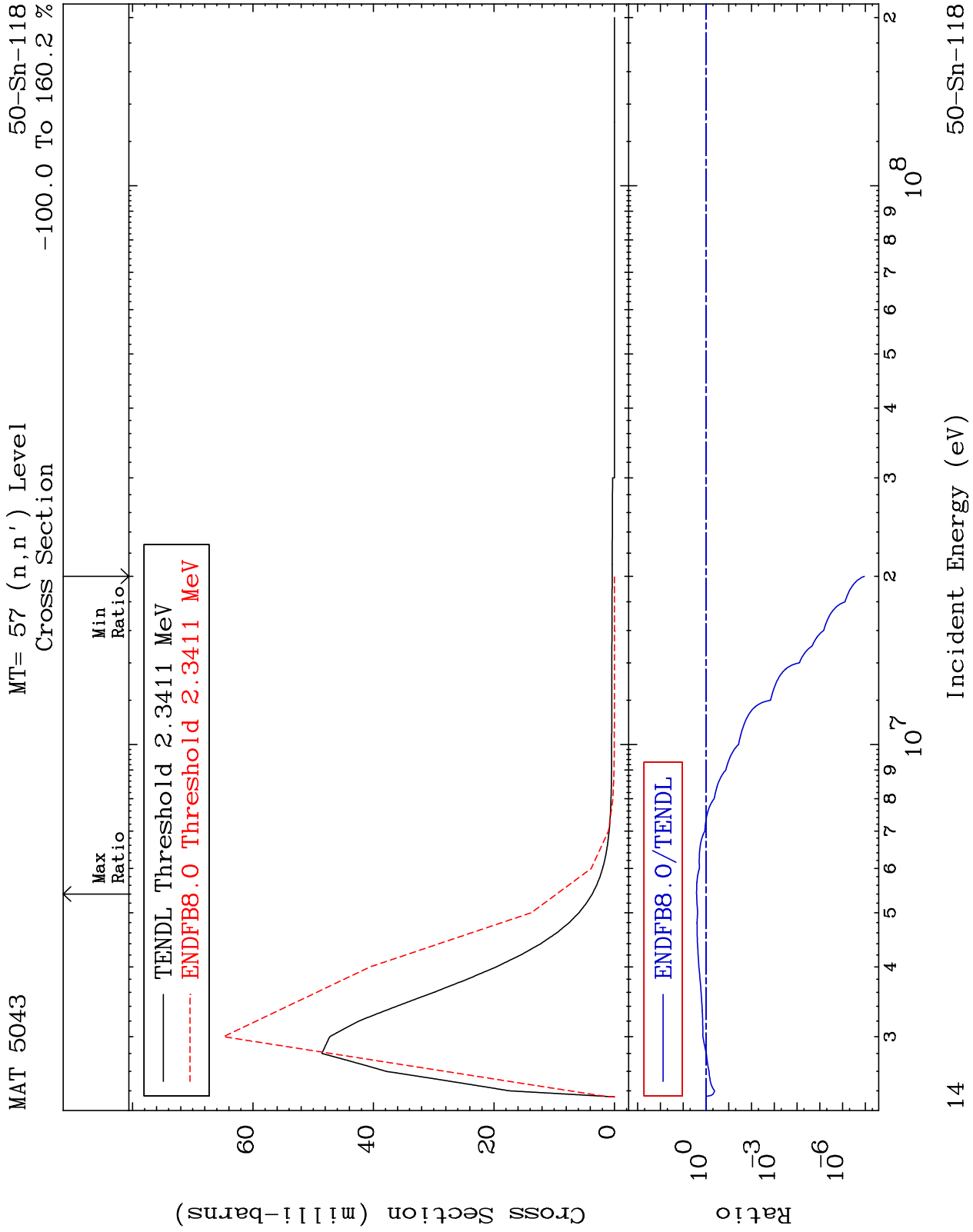
MAT 5043

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

50-Sn-118  
-100.0 To 97.24 %



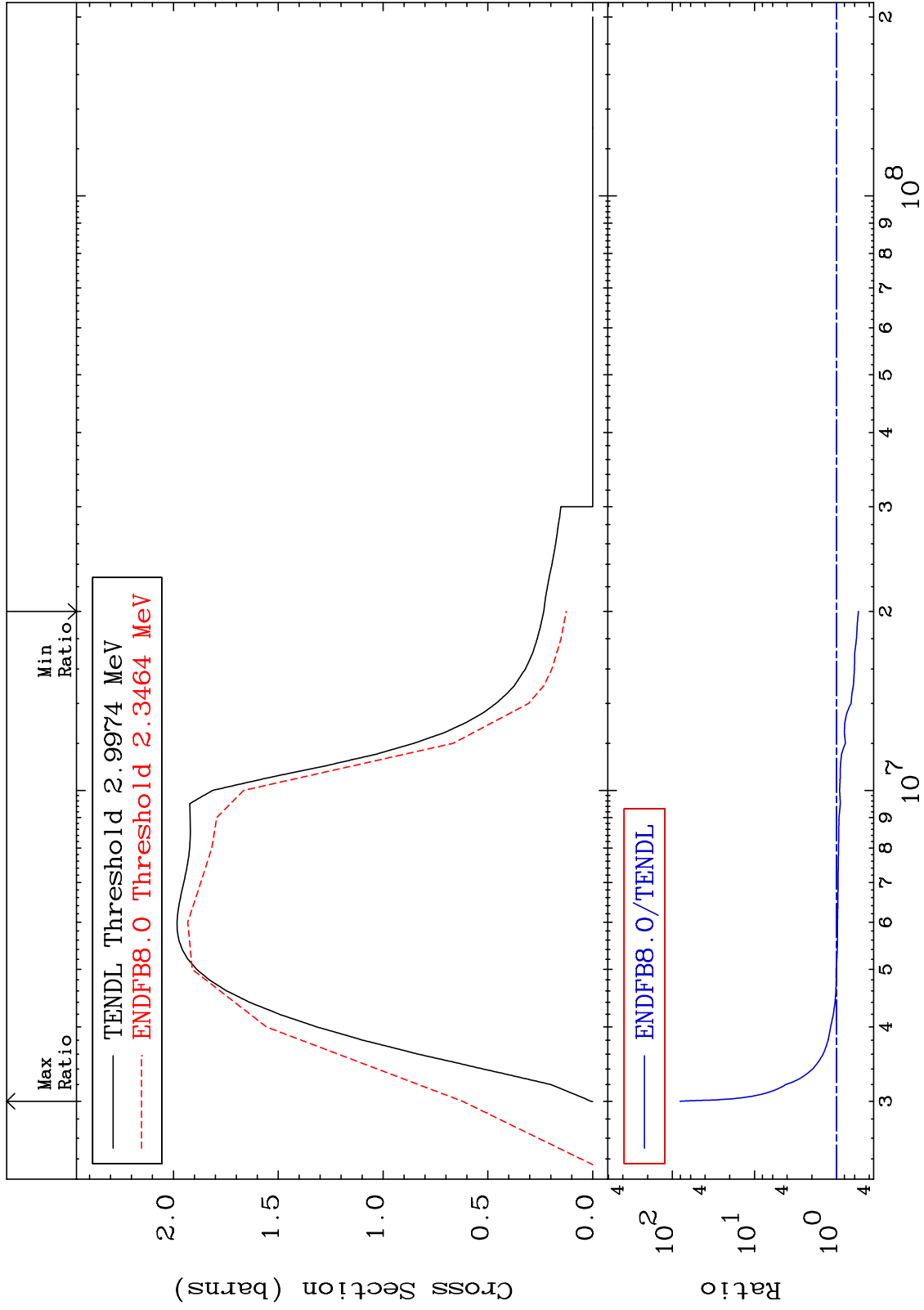




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(n, n') Continuum  
Cross Section

50-Sn-118  
-45.84 To 7963. %





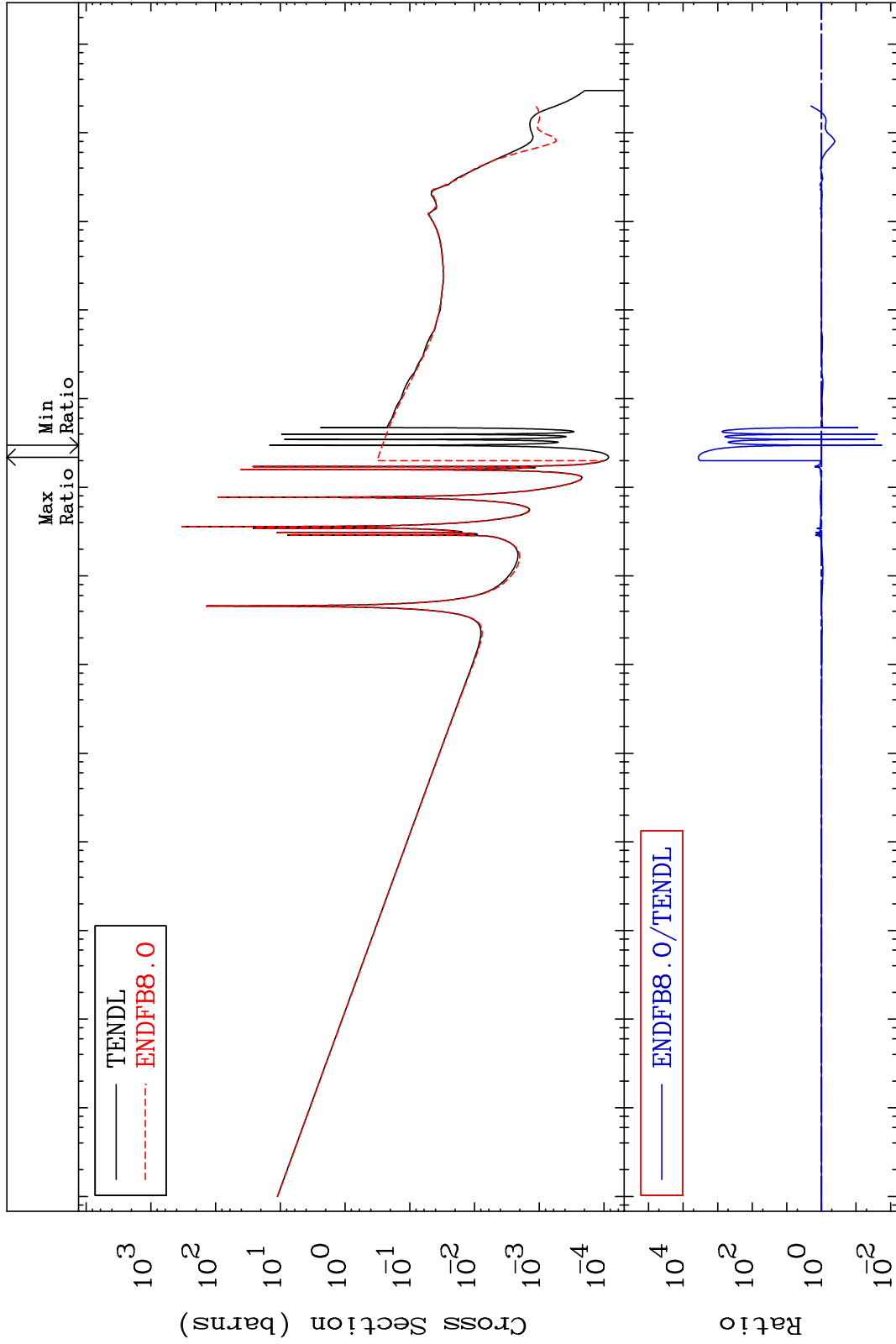
MAT 5043

(n,  $\gamma$ )

50-Sn-118

Cross Section

-98.18 To 9999. %



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50-Sn-118

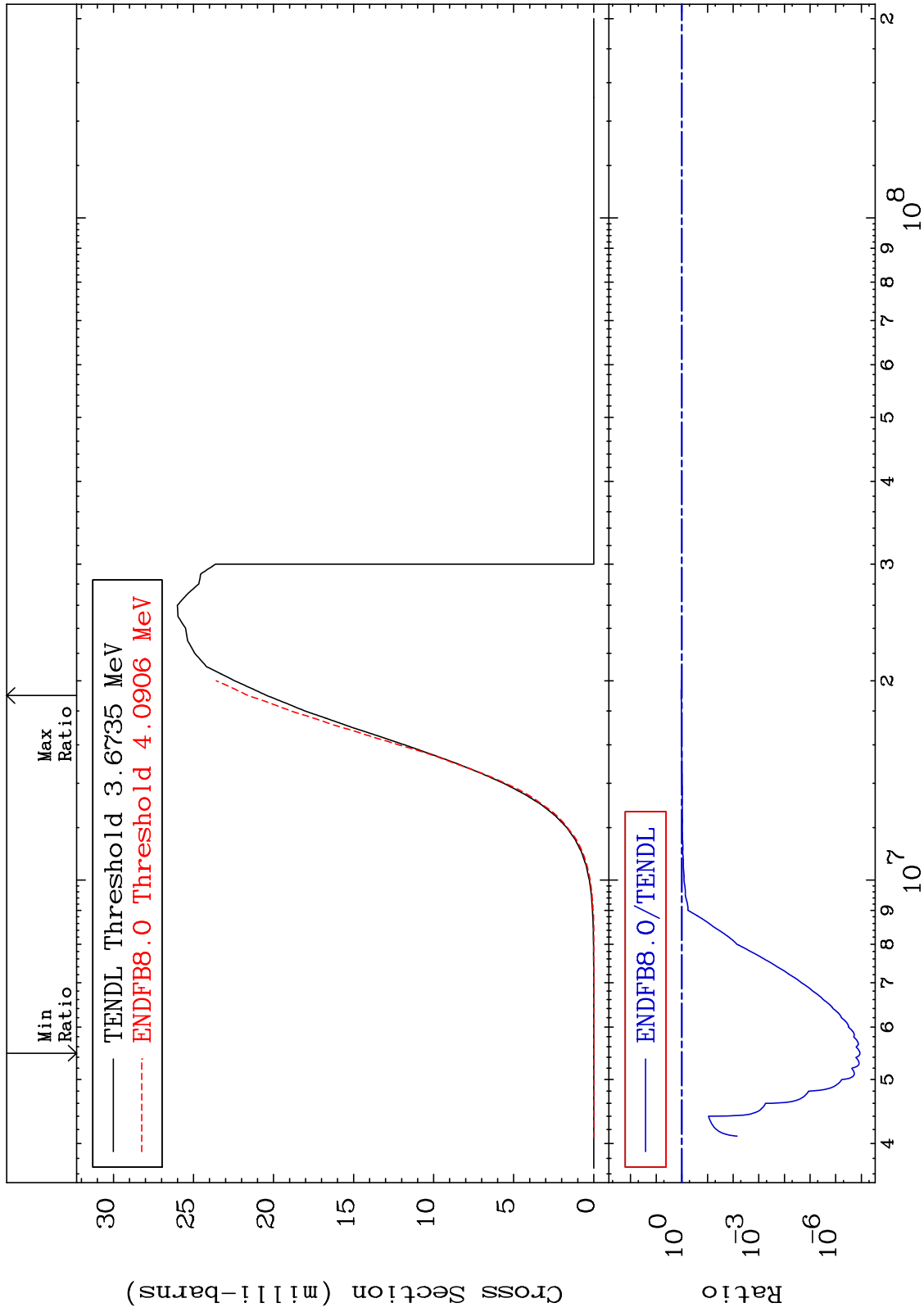
MAT 5043

(n,p)

50-Sn-118

Cross Section

-100.0 To 5.747 %



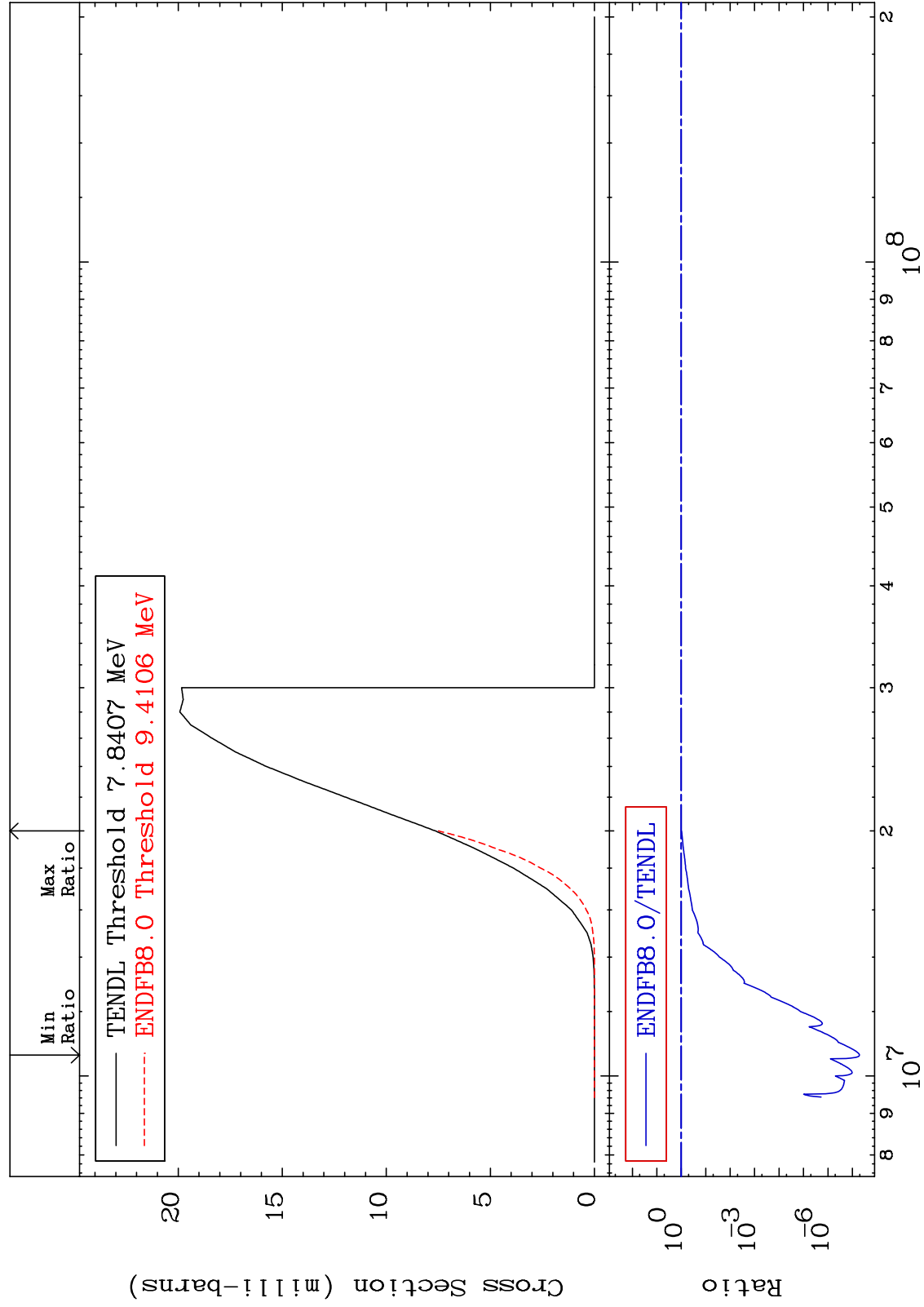
MAT 5043

(n, d)

50-Sn-118

Cross Section

-100.0 To -1.919%



18

Incident Energy (eV)

50-Sn-118

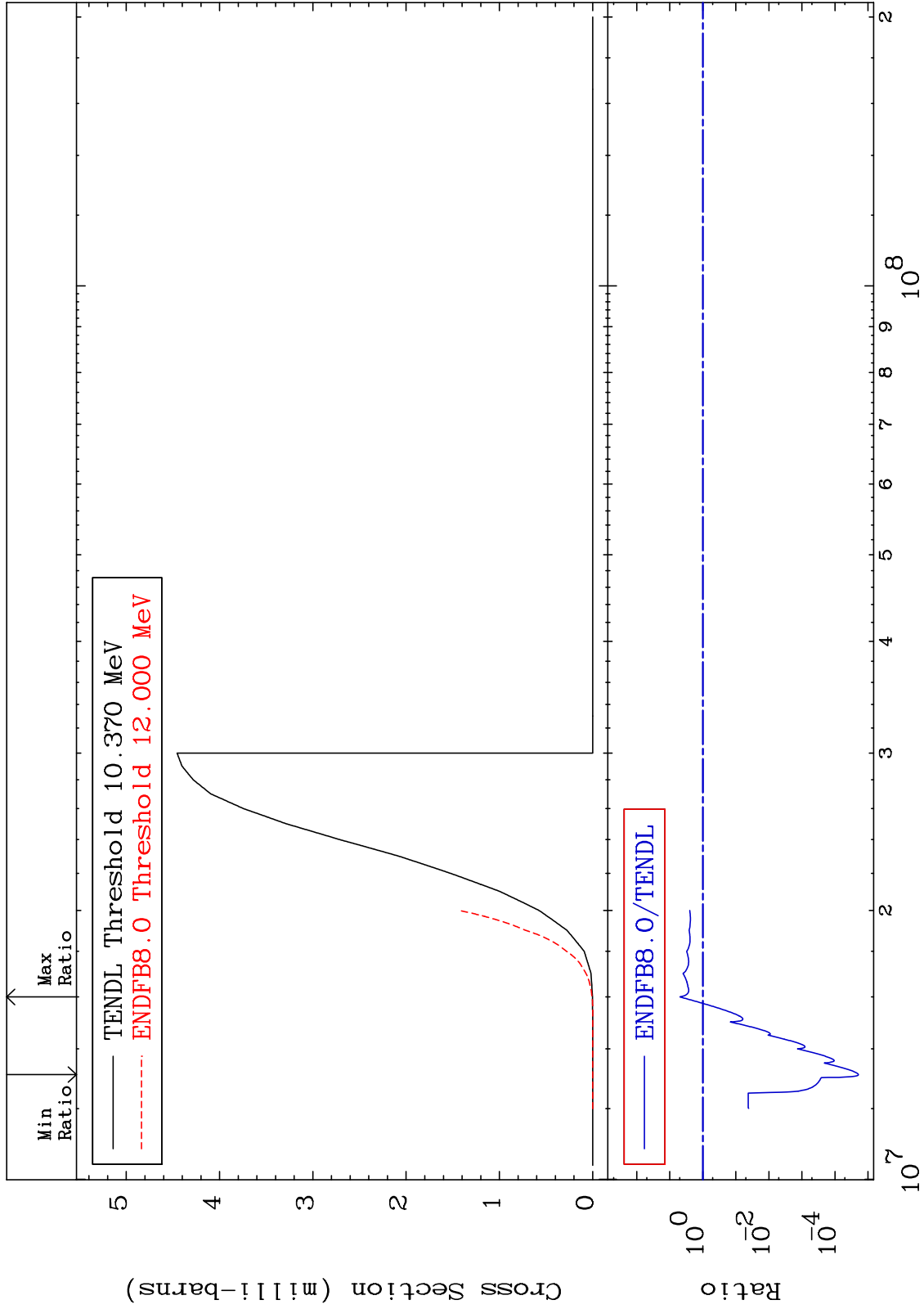
MAT 5043

(n, t)

50-Sn-118

Cross Section

-100.0 To 390.6 %



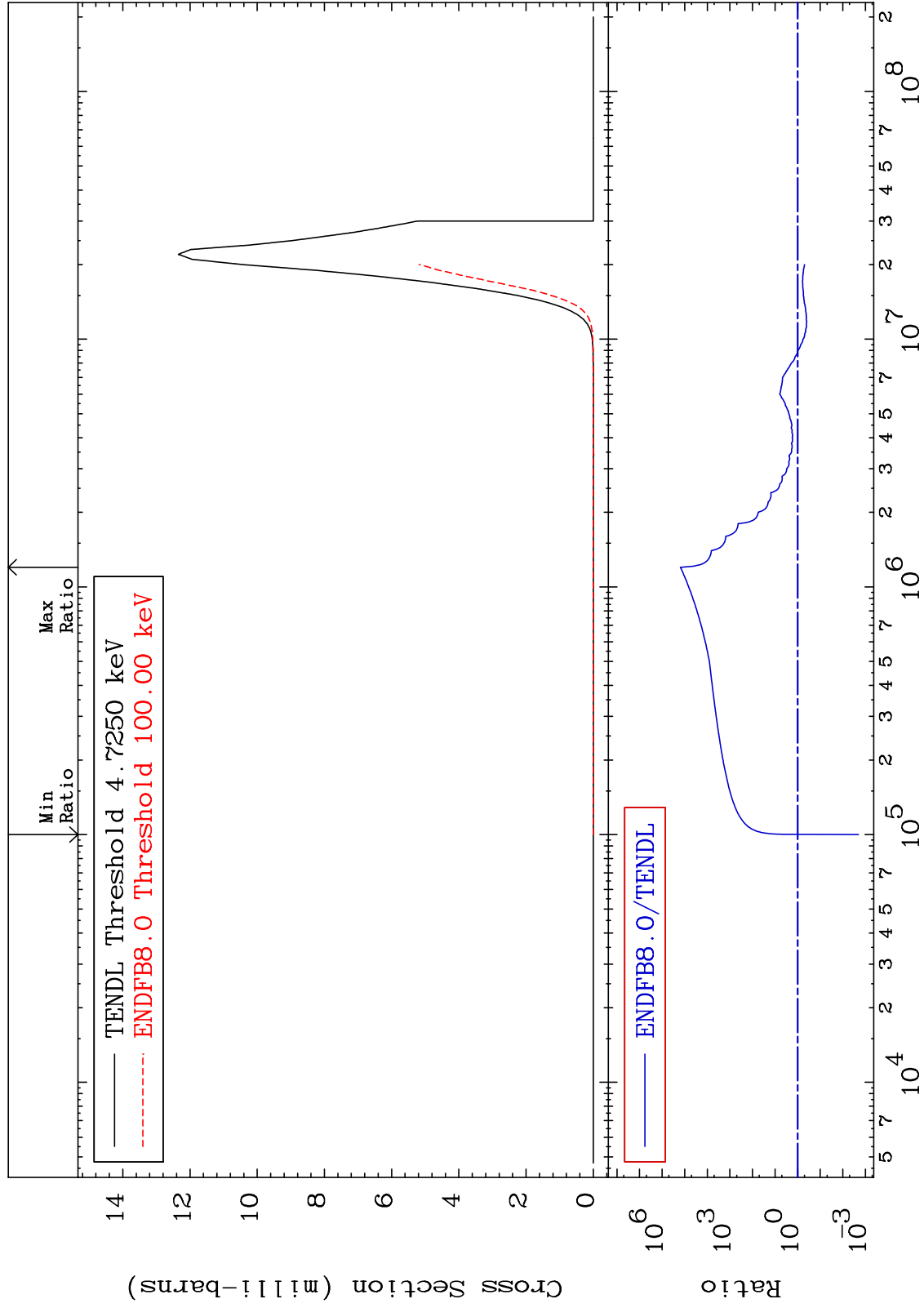
50-Sn-118

Incident Energy (eV)

19

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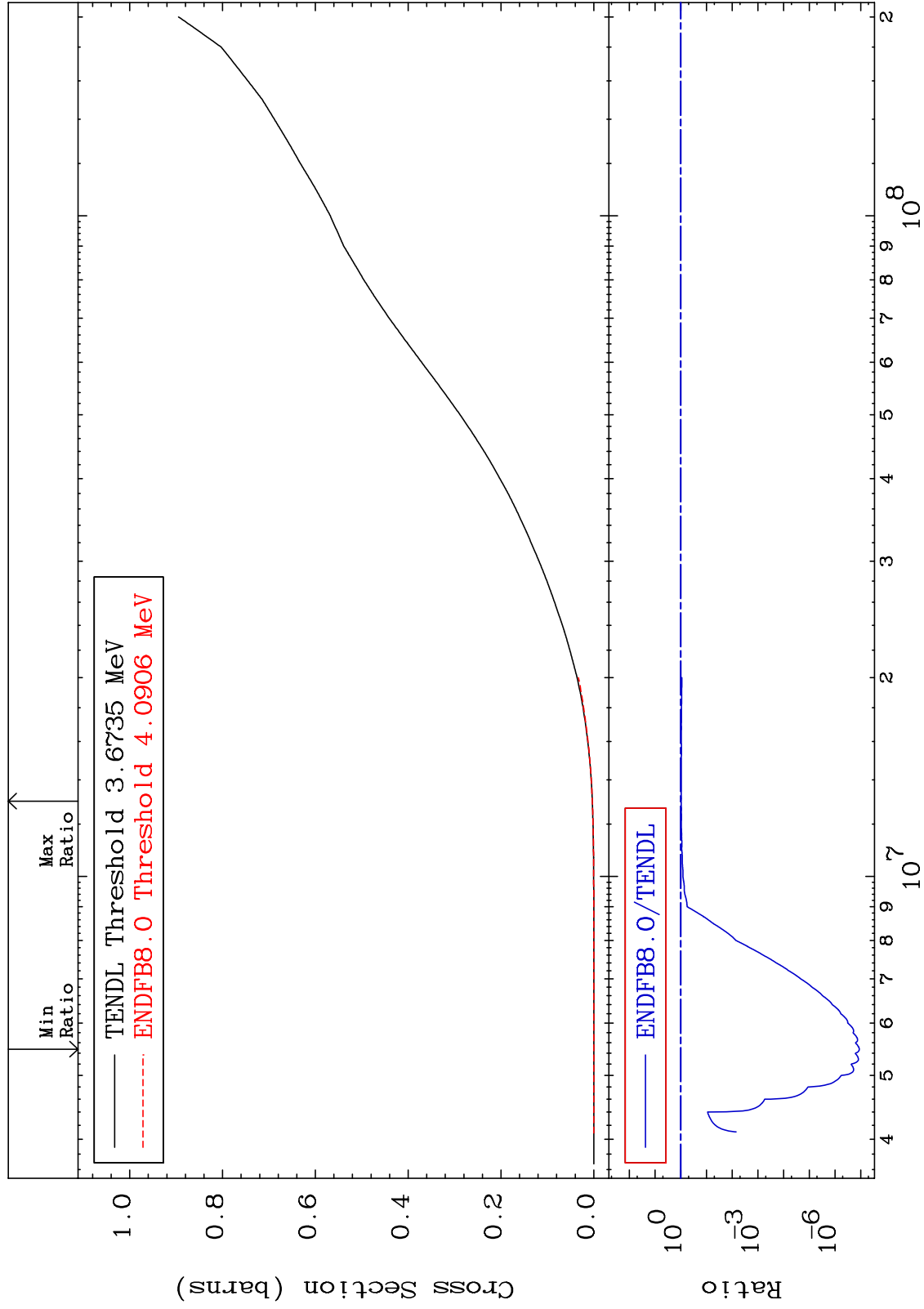
(n,  $\alpha$ ) Cross Section  
50-Sn-118  
-99.80 To 9999. %



MAT 5043

Hydrogen Production  
Cross Section

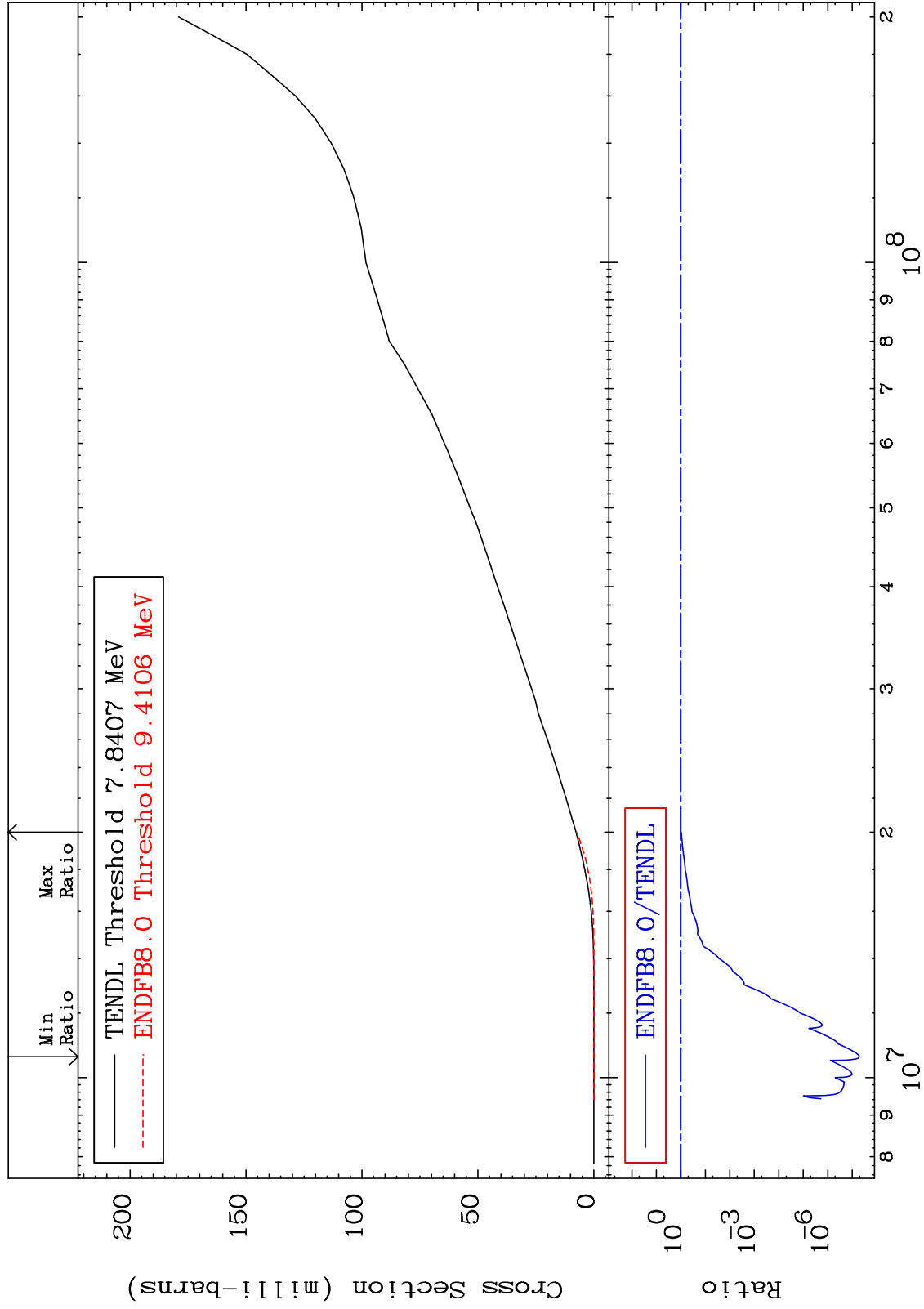
50-Sn-118  
-100.0 To -1.922%



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Deuterium Production  
Cross Section

50-Sn-118  
-100.0 To -1.919%



22

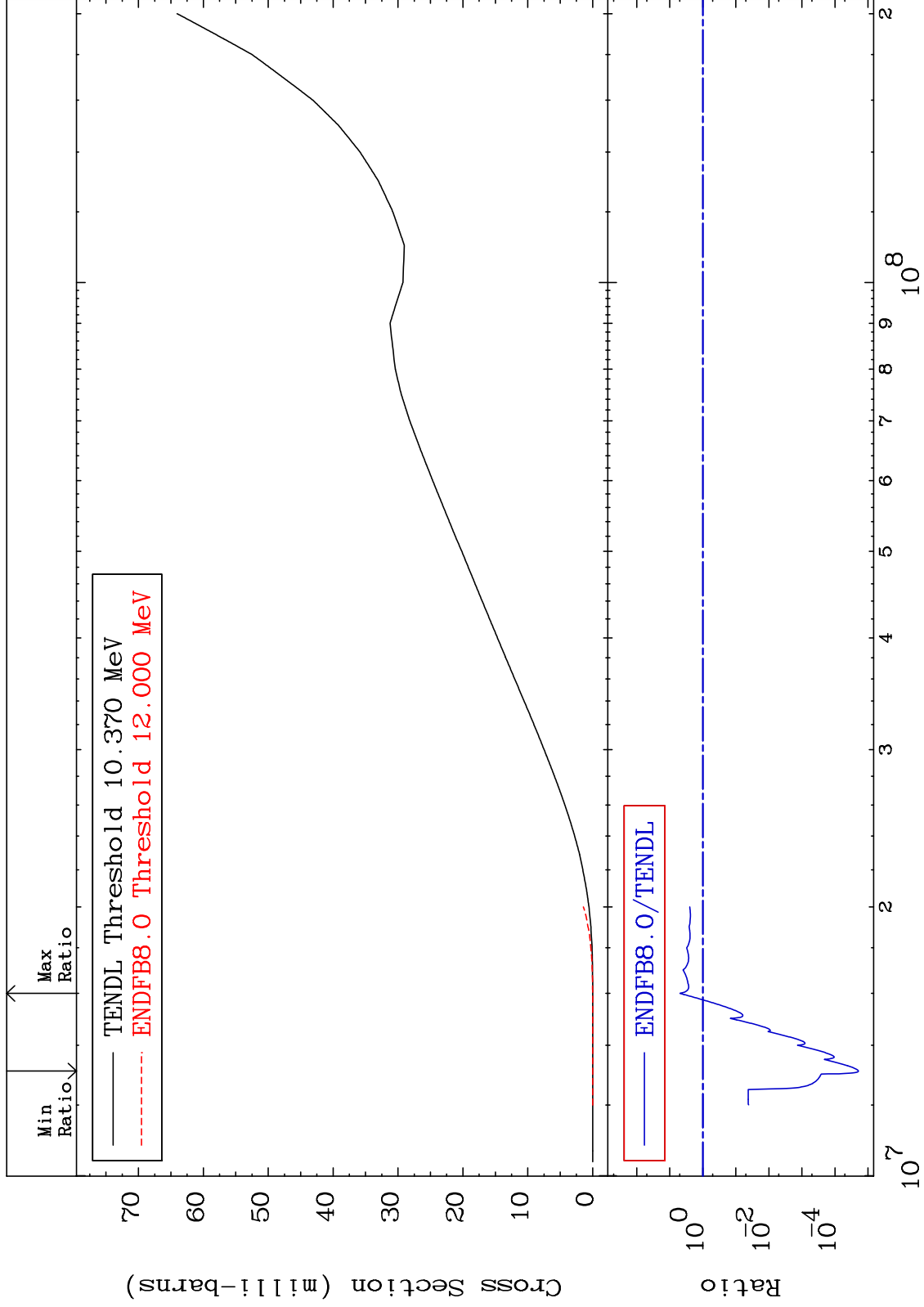
Incident Energy (eV)

50-Sn-118

MAT 5043

Tritium Production  
Cross Section

50-Sn-118  
-100.0 To 390.6 %



Incident Energy (eV)

50-Sn-118

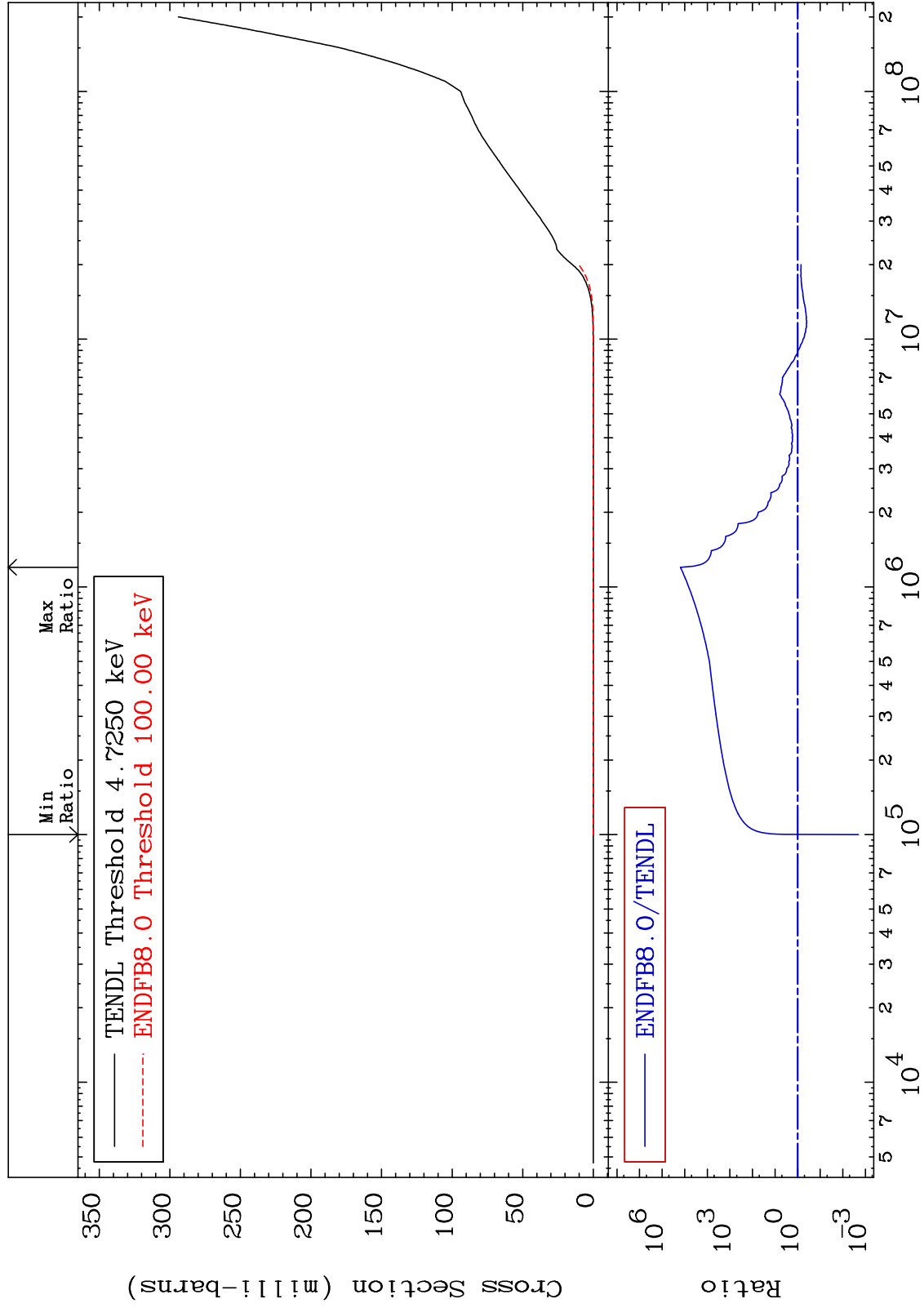
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He-4 Production  
Cross Section

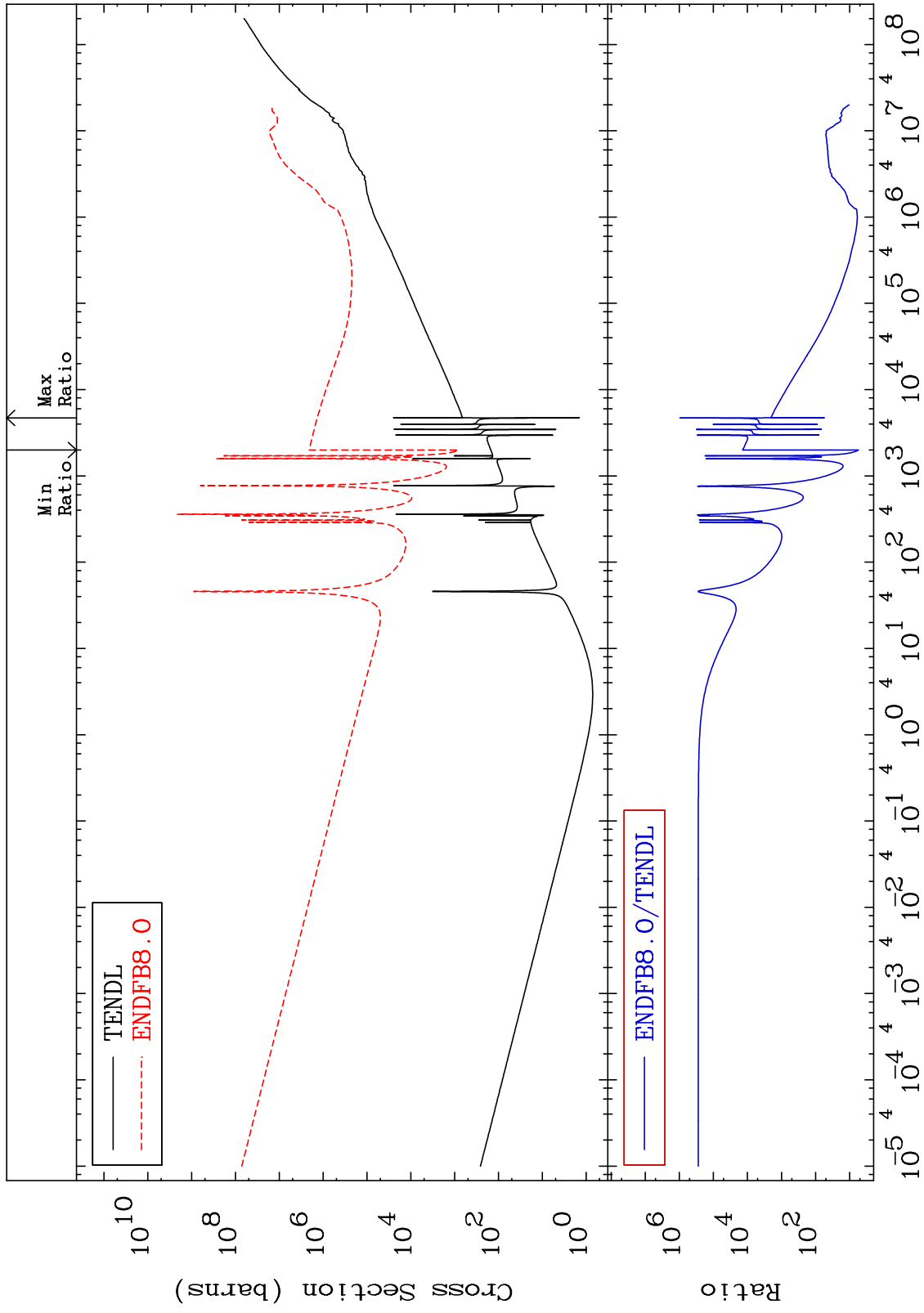
50-Sn-118  
-99.80 To 9999. %



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Kerma total (eV-barns)  
Cross Section

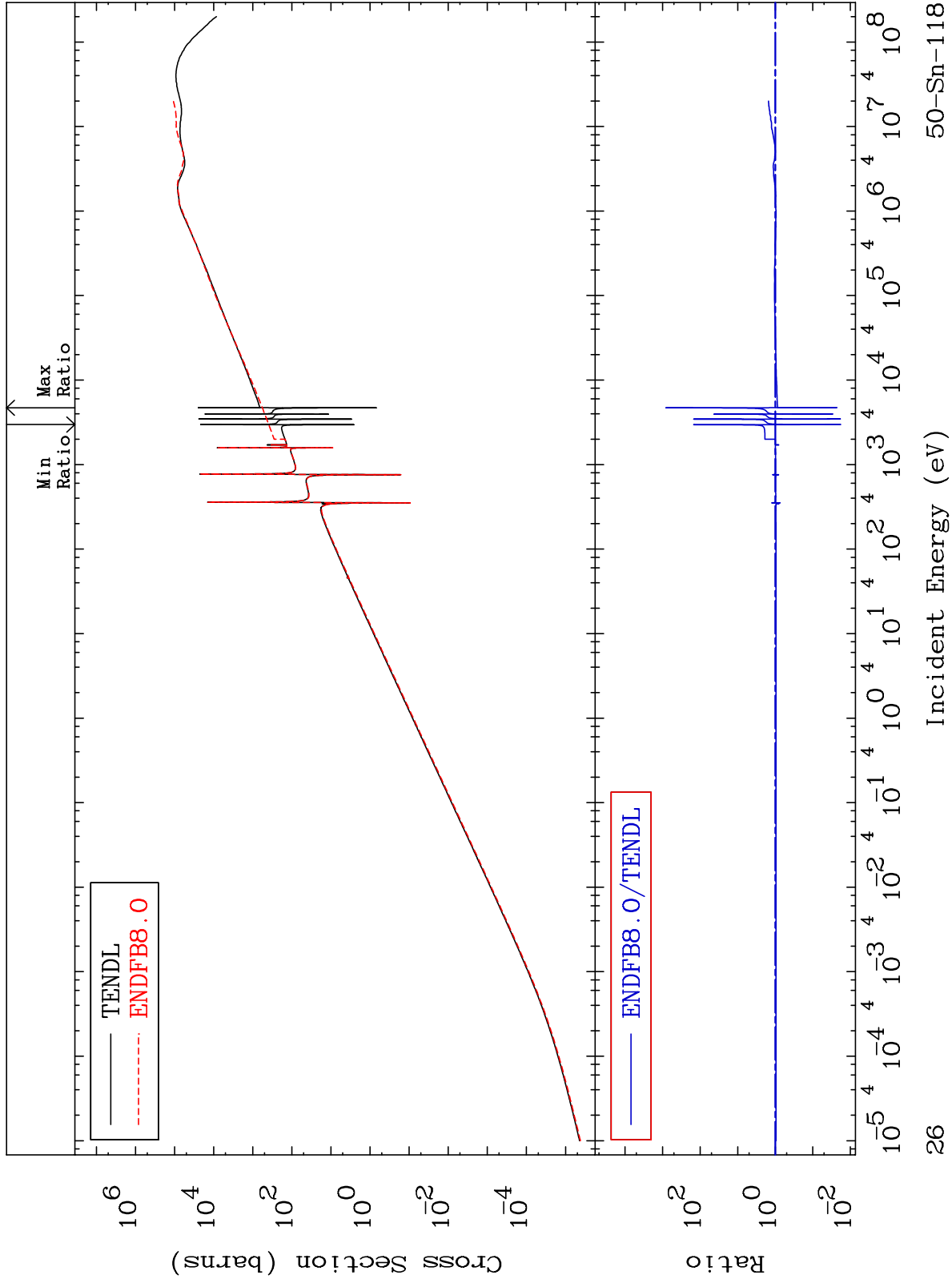
50-Sn-118  
450.2 To 9999. %



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Kerma elastic  
Cross Section

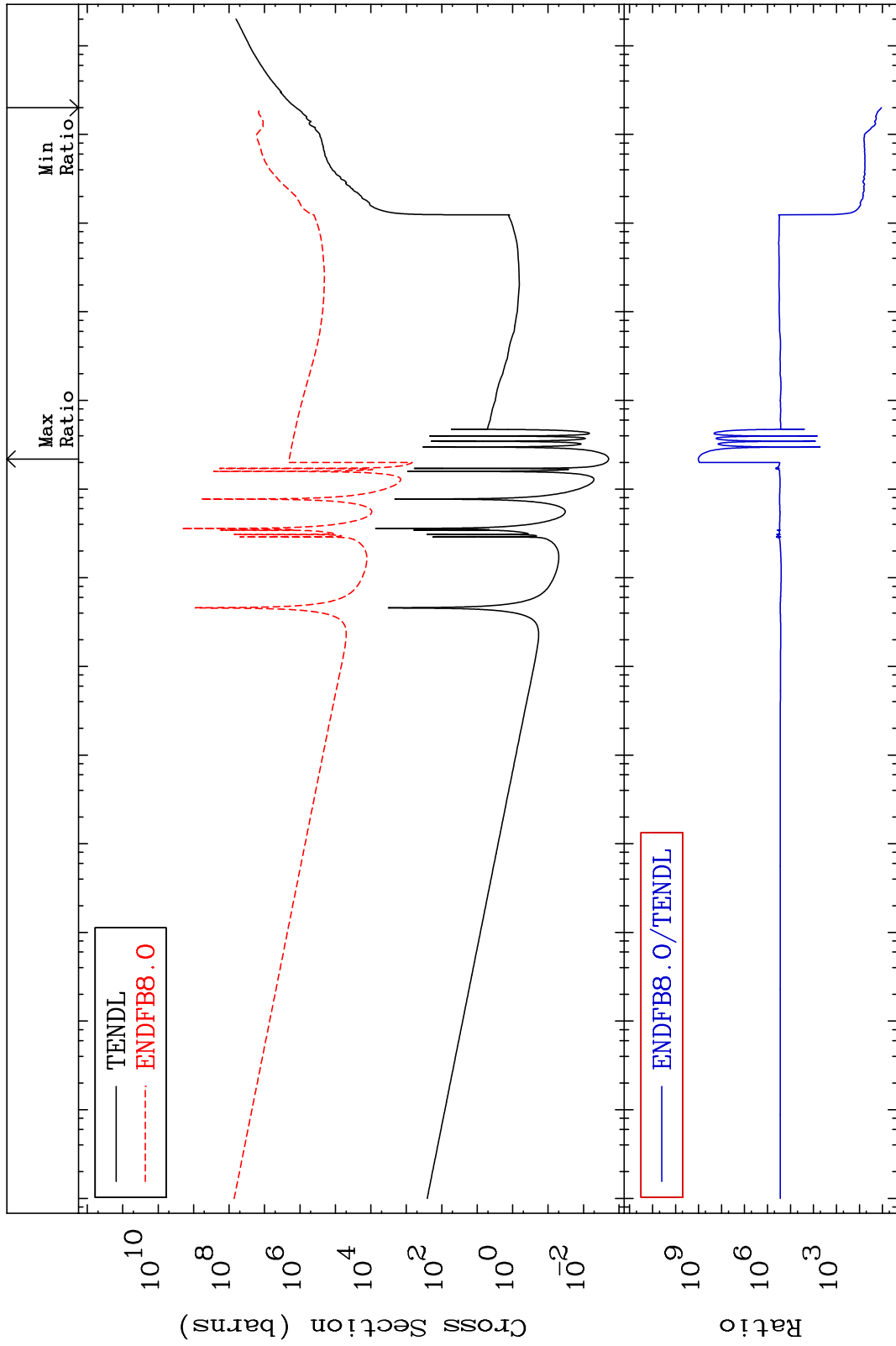
50-Sn-118  
-98.17 To 9999. %



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Kerma non-elastic (all but mt2)  
Cross Section

50-Sn-118  
991.6 To 9999. %



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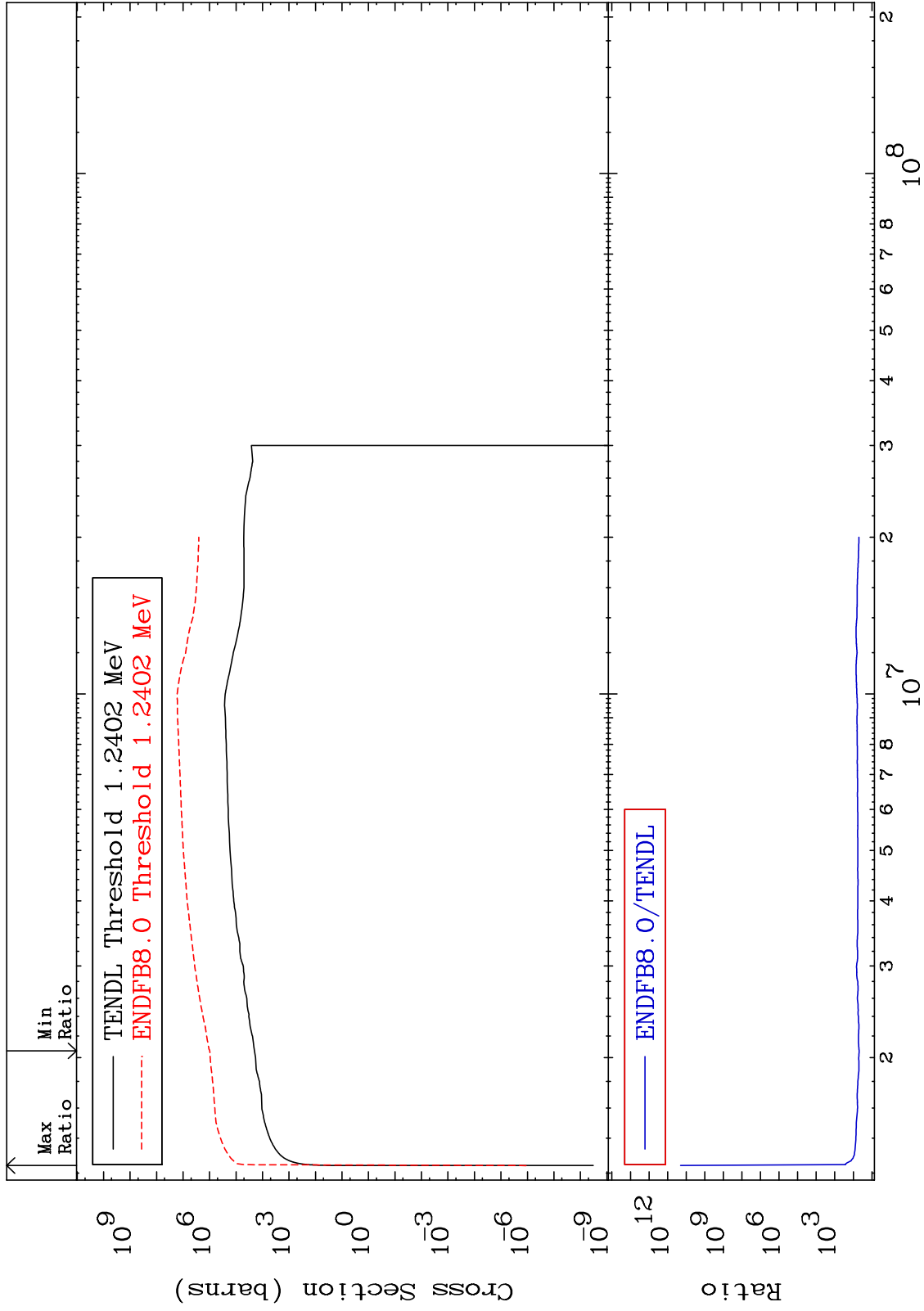
Incident Energy (eV)

50-Sn-118

MAT 5043

Kerma inelastic (mt51-91)  
Cross Section

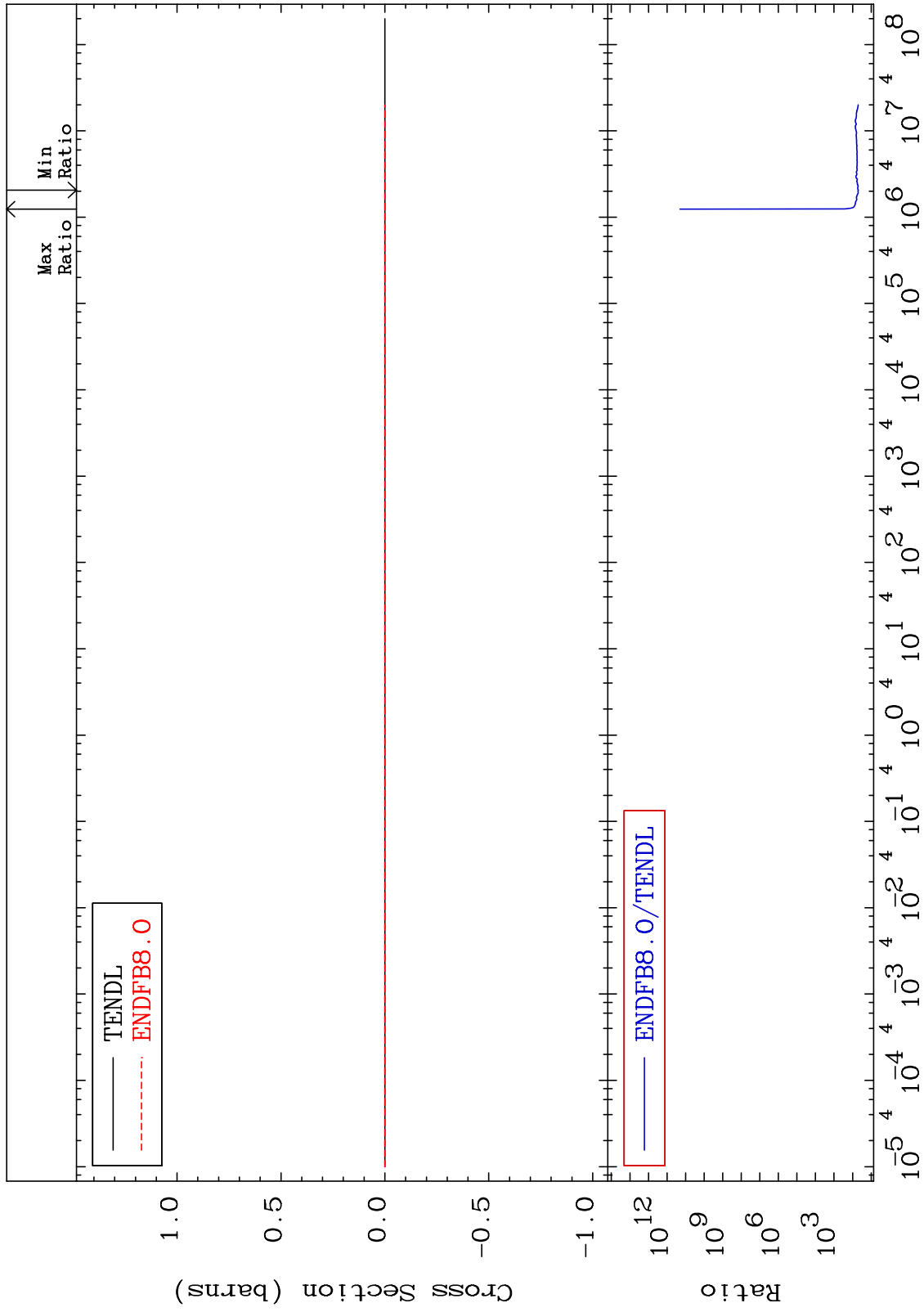
50-Sn-118  
4757. To 9999. %



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

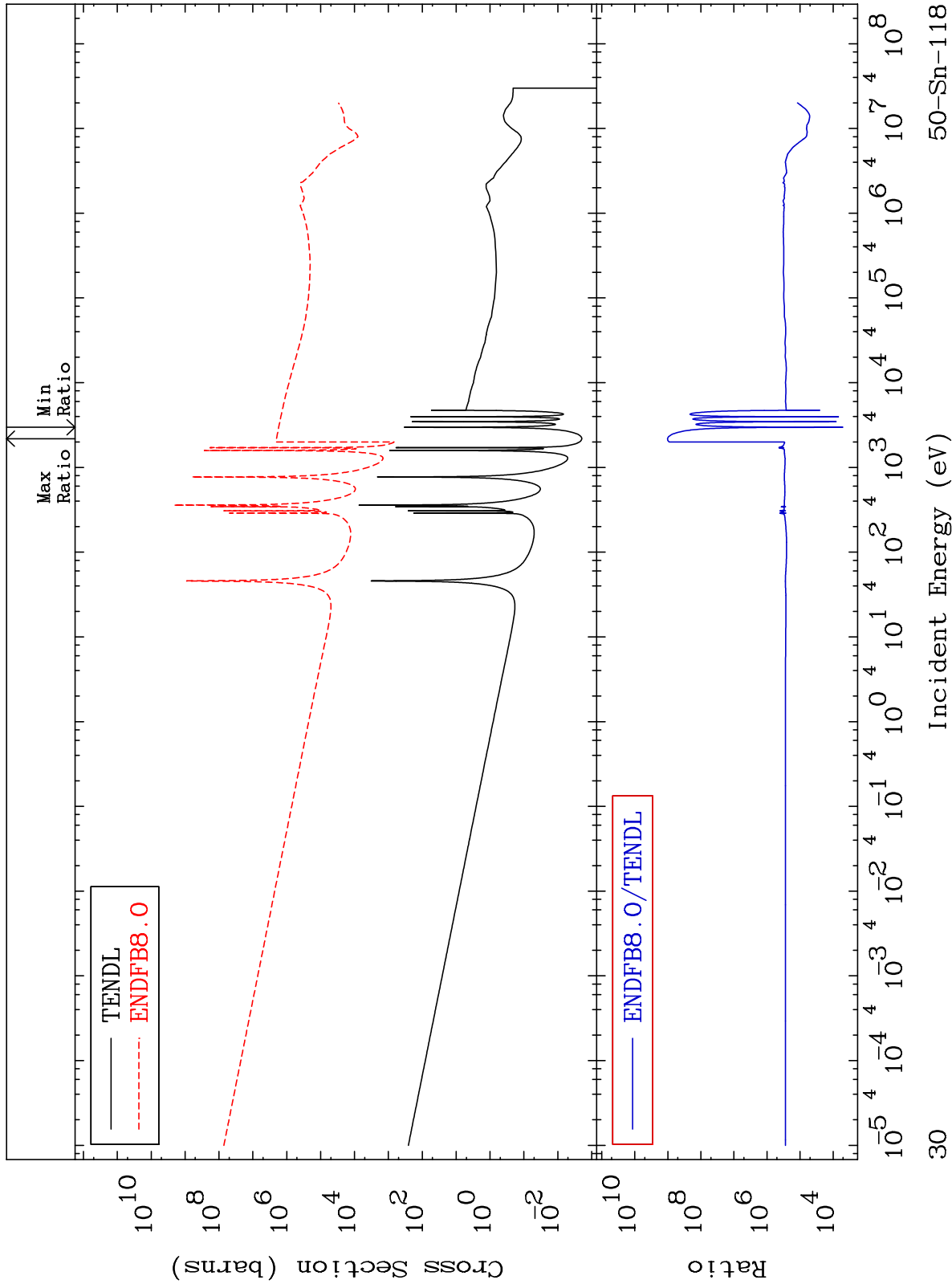
50-Sn-118  
4757. To 9999. %



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Kerma capture (mt102)  
Cross Section

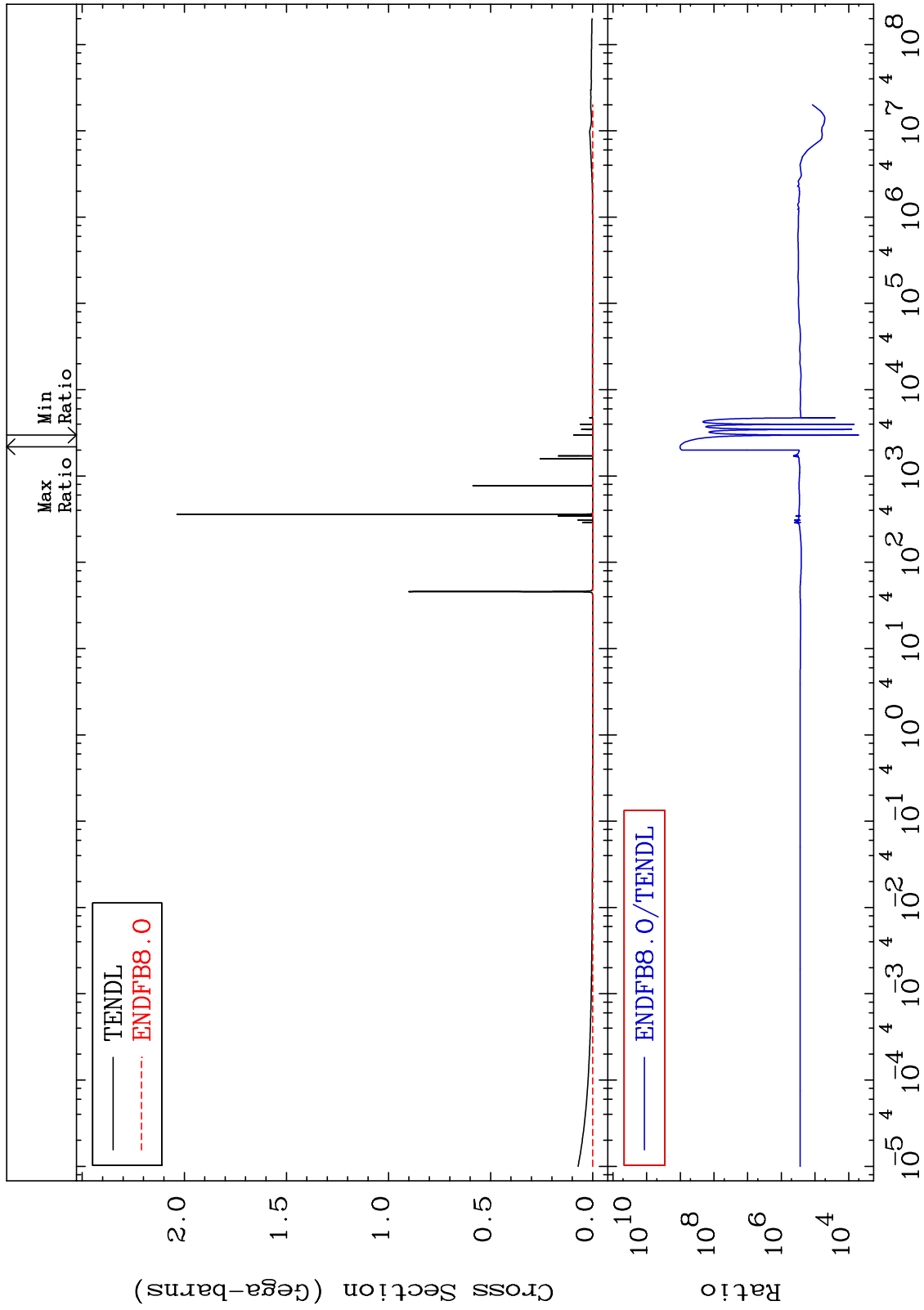
50-Sn-118  
9999. To 9999. %



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Total photon (eV-barns)  
Cross Section

50-Sn-118  
9999. To 9999. %

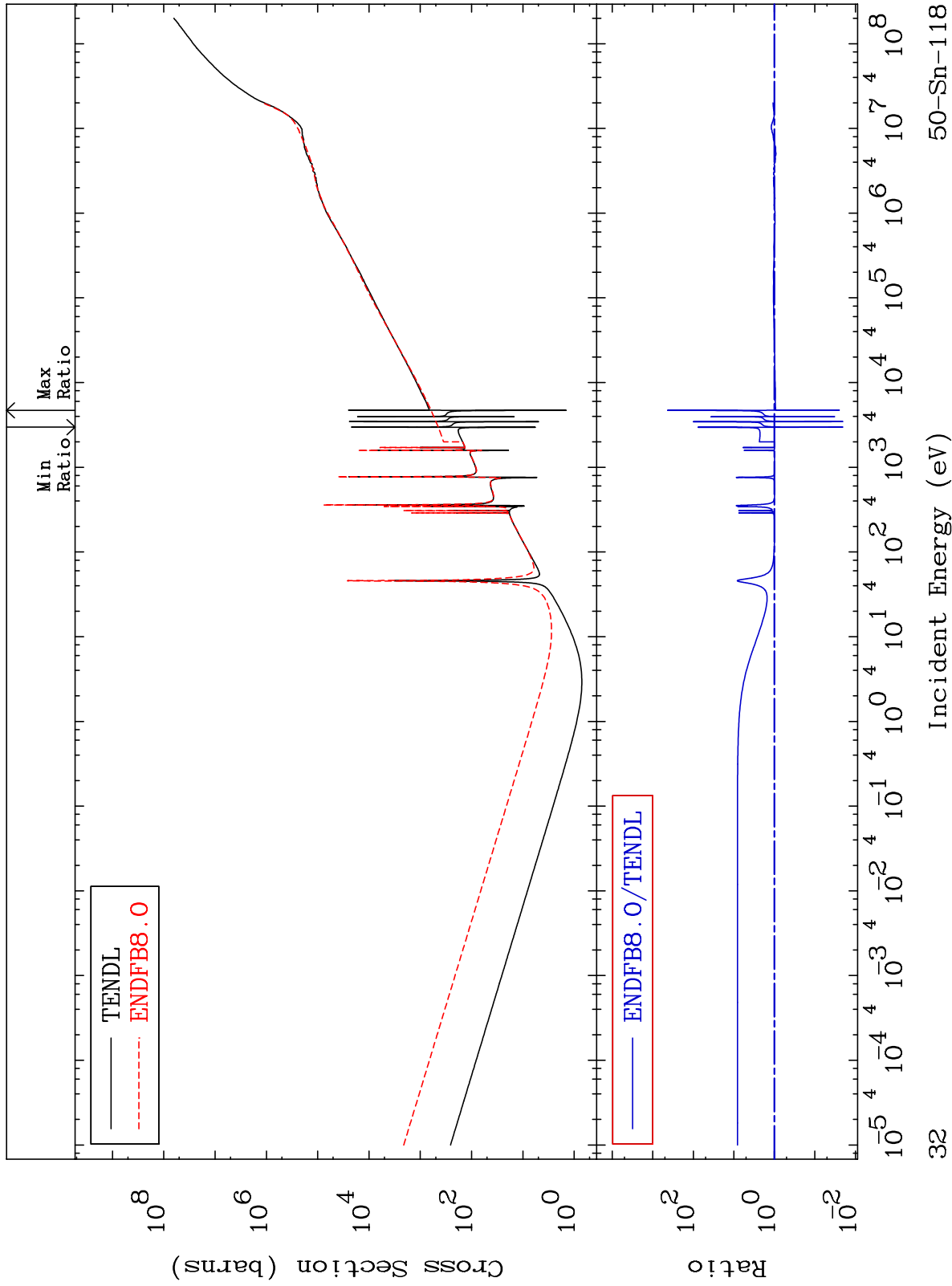




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Total kinematic kerma (high limit)  
Cross Section

50-Sn-118  
-97.94 To 9999. %



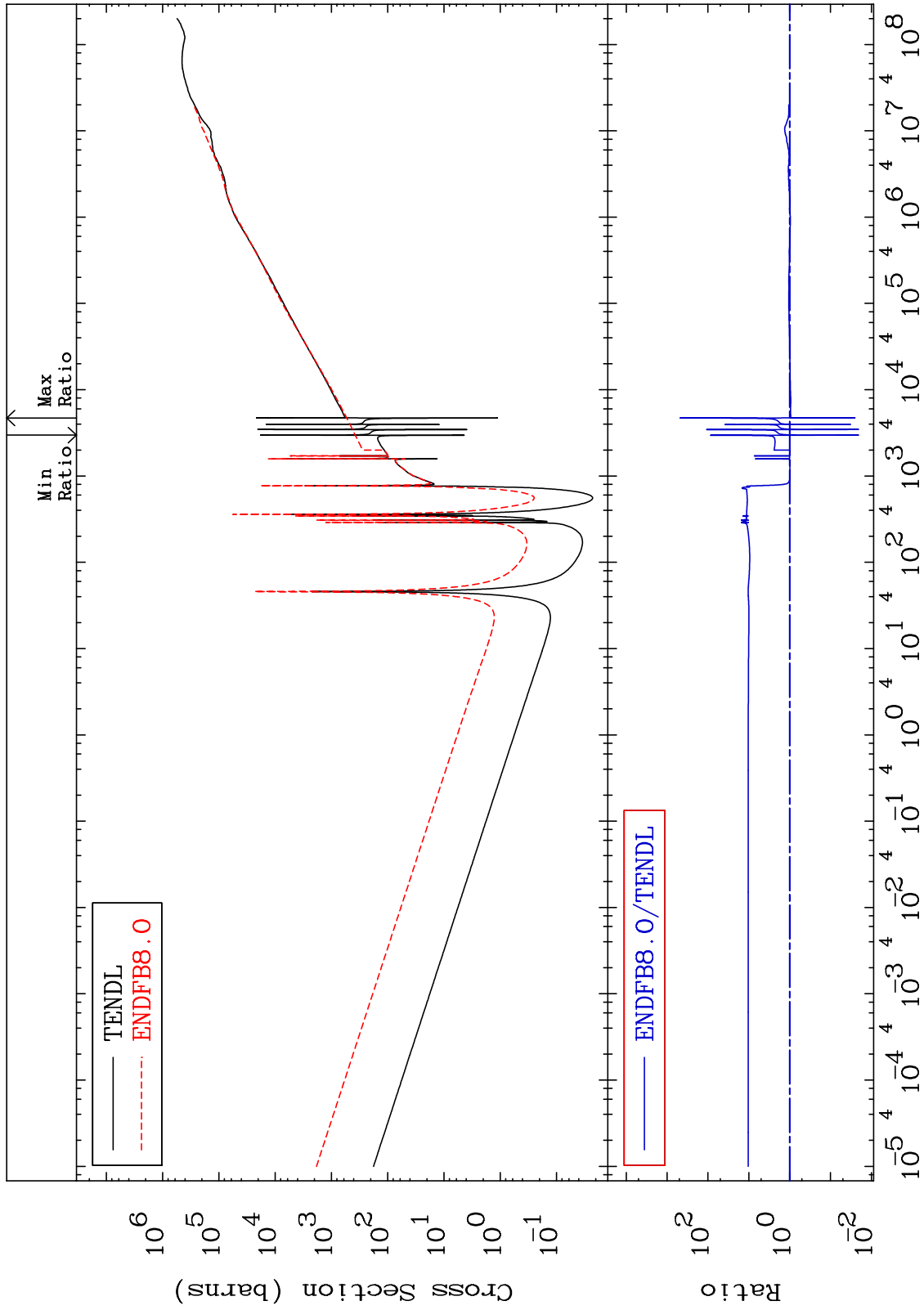
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50-Sn-118

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Dpa total (eV-barns)  
Cross Section

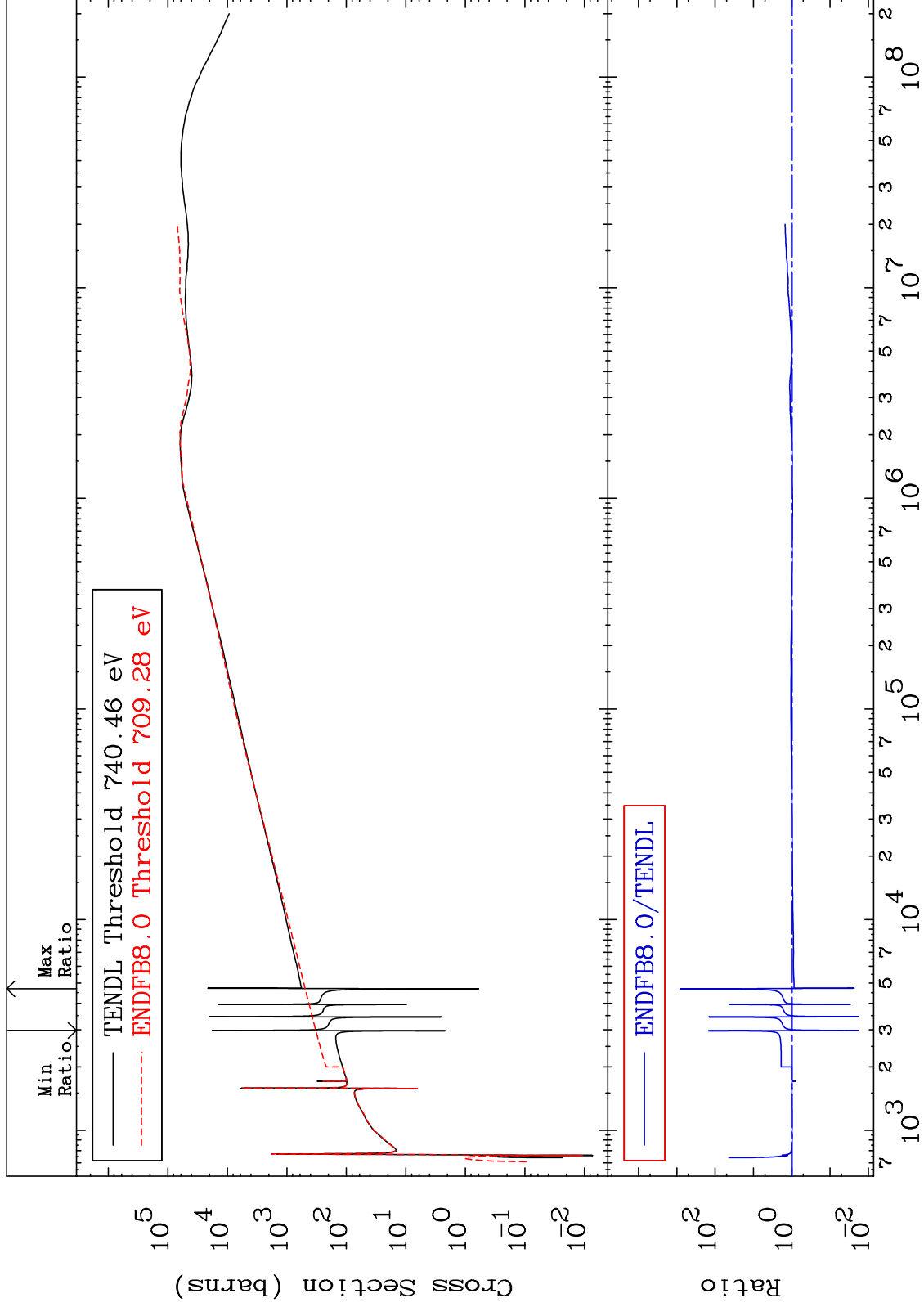
50-Sn-118  
-97.93 To 9999. %



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Dpa elastic (mt2)  
Cross Section

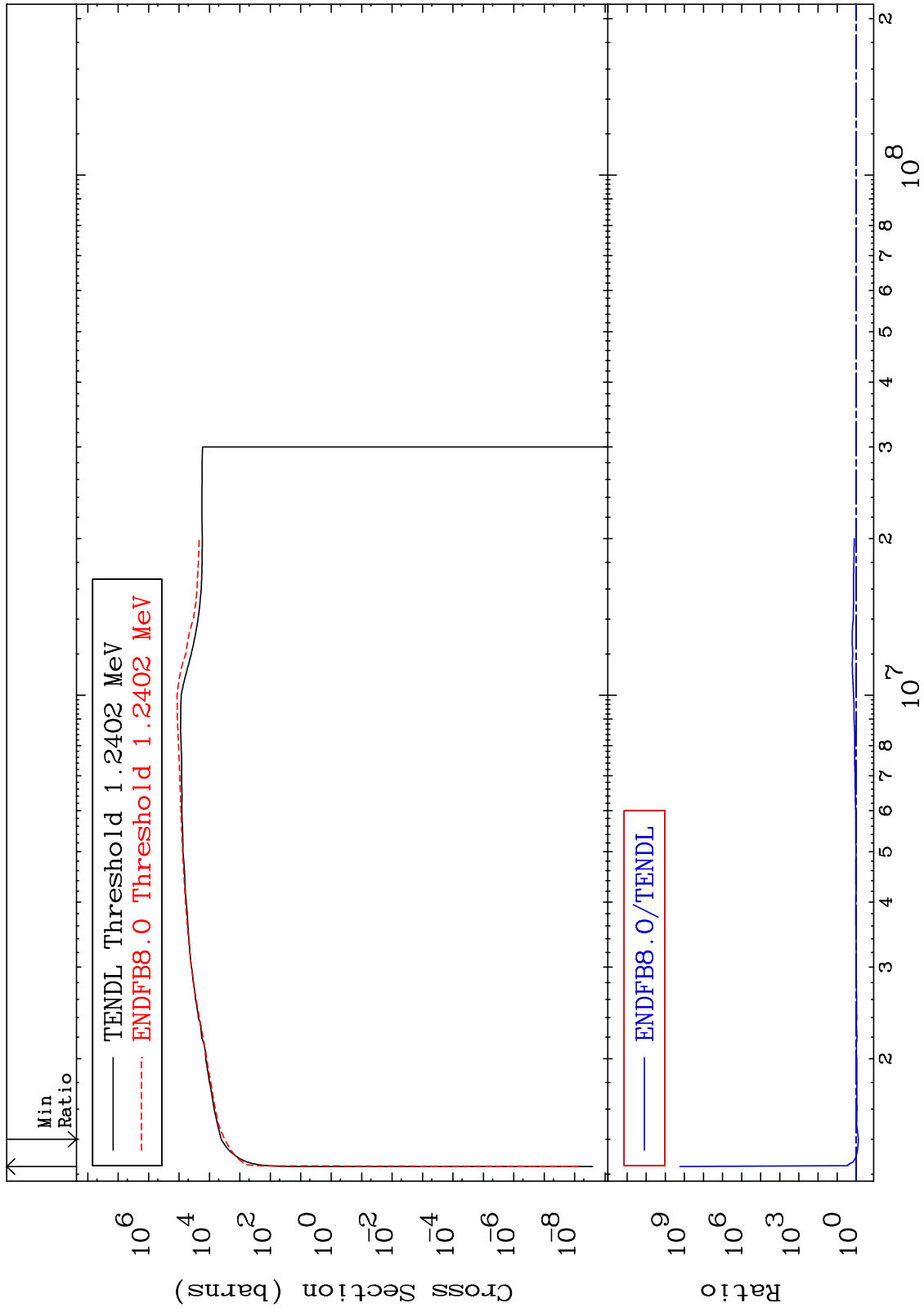
50-Sn-118  
-98.18 To 9999. %



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Dpa inelastic (mt51-91)  
Cross Section

50-Sn-118  
-23.33 To 9999. %



MAT 5043

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-118  
-78.43 To 9999. %

