

Program Complot  
(Version 2018-1)

by

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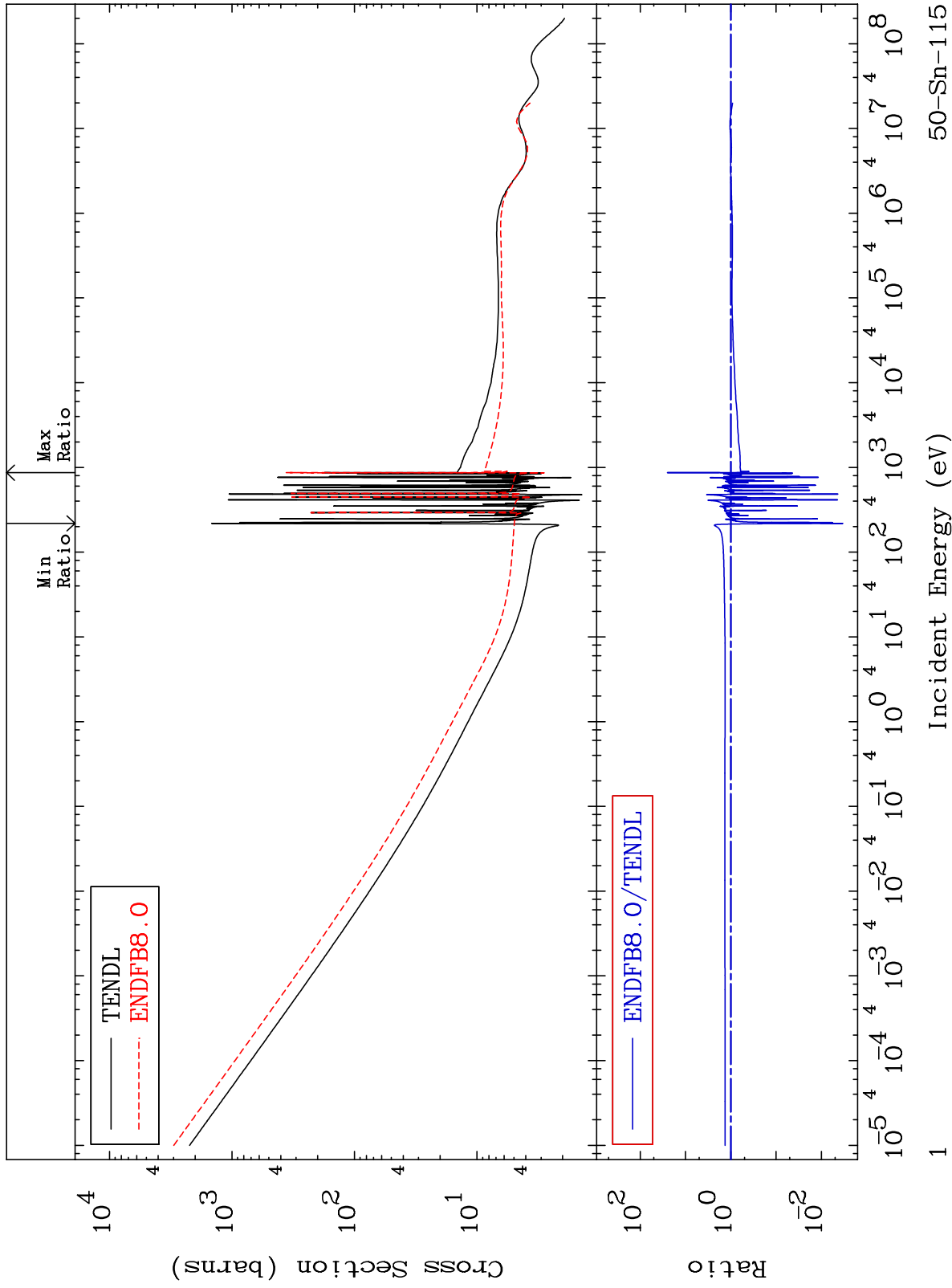
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5034

Total  
Cross Section

50-Sn-115  
-99.66 To 2395. %



50-Sn-115

Incident Energy (eV)

1

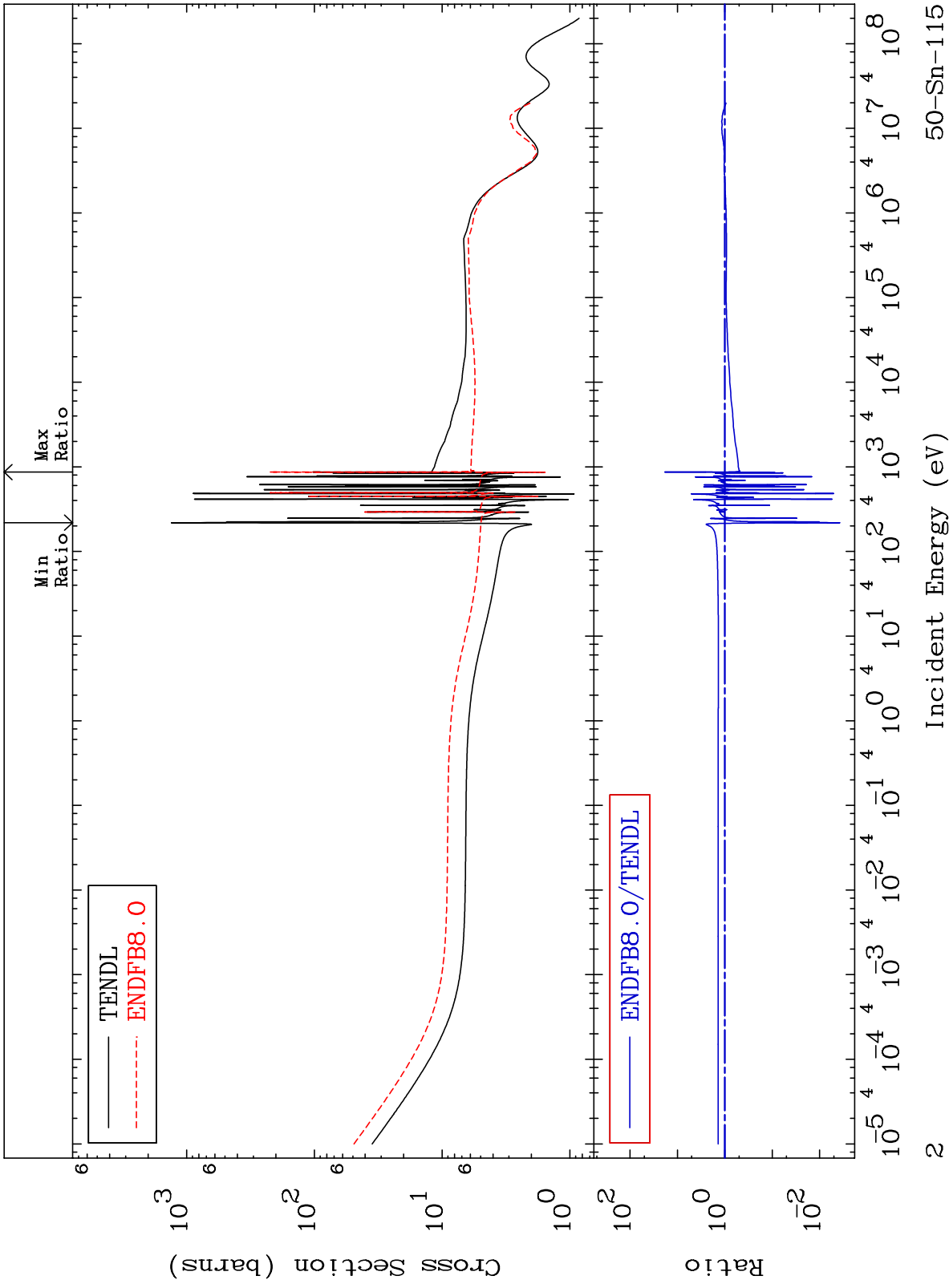
MAT 5034

Elastic

50-Sn-115

-99.62 To 1753. %

Cross Section



50-Sn-115

Incident Energy (eV)

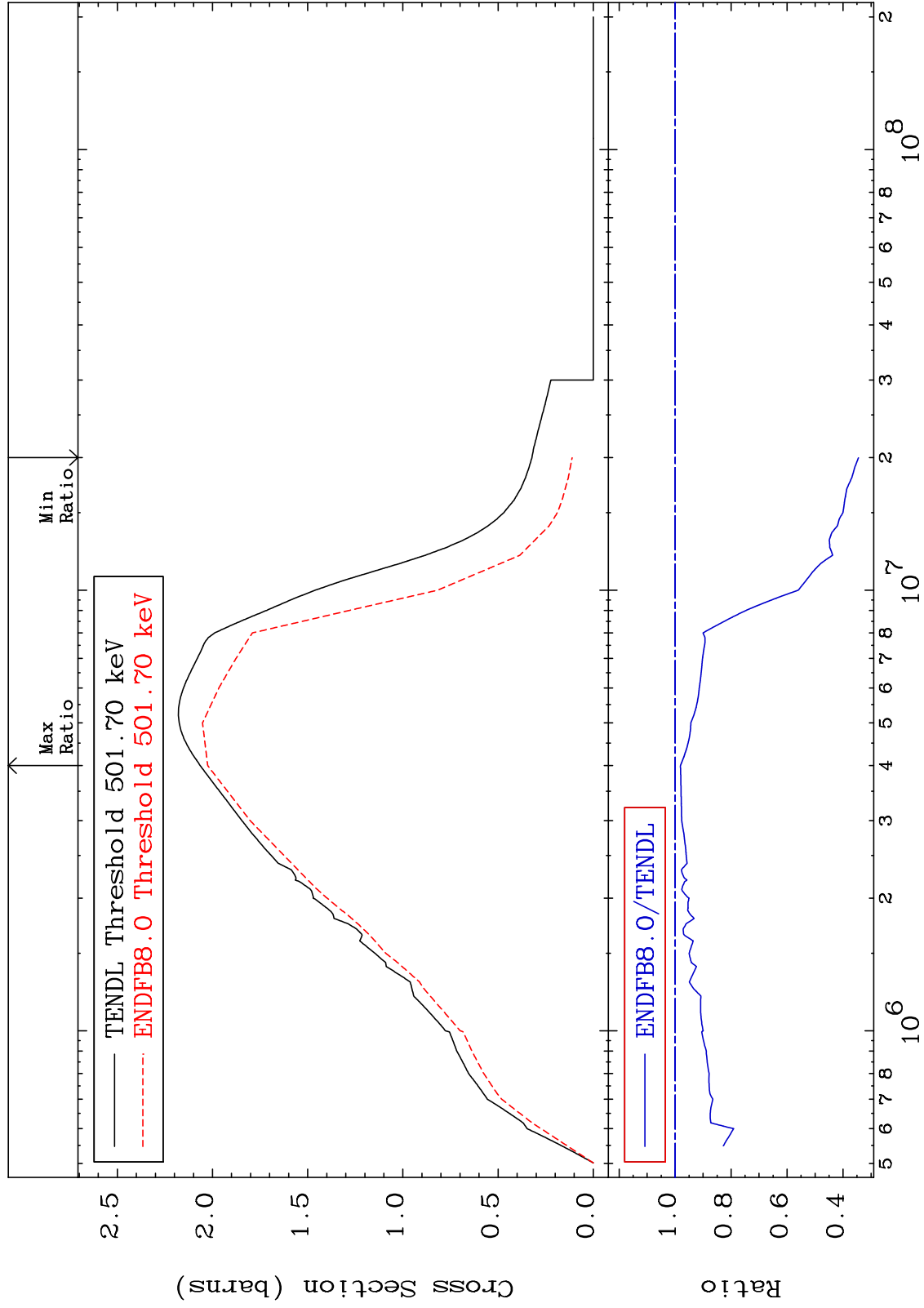
MAT 5034

Inelastic

50-Sn-115

Cross Section

-65.53 To -1.907%



3

Incident Energy (eV)

50-Sn-115

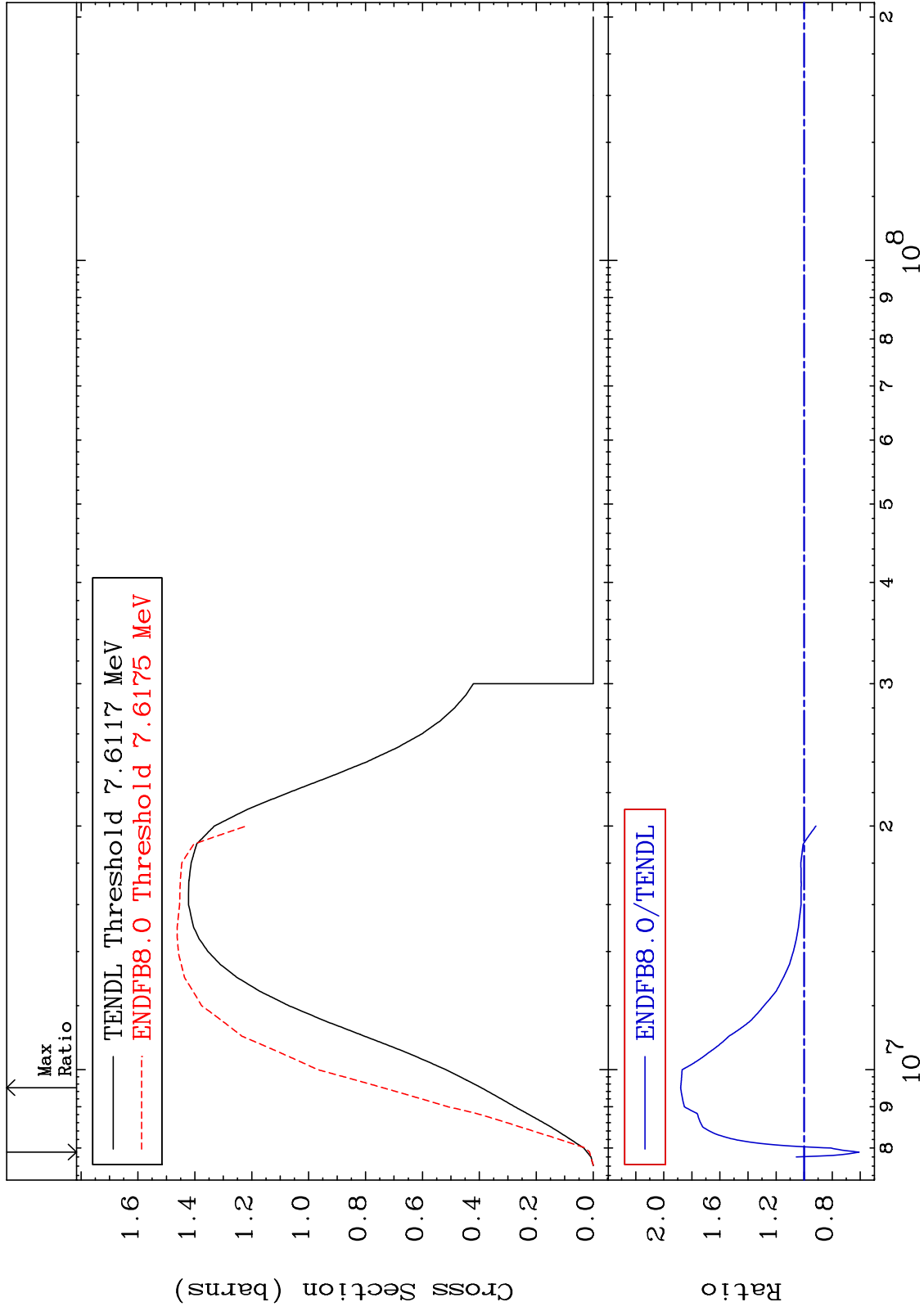
MAT 5034

(n,2n)

50-Sn-115

Cross Section

-39.20 To 88.00 %



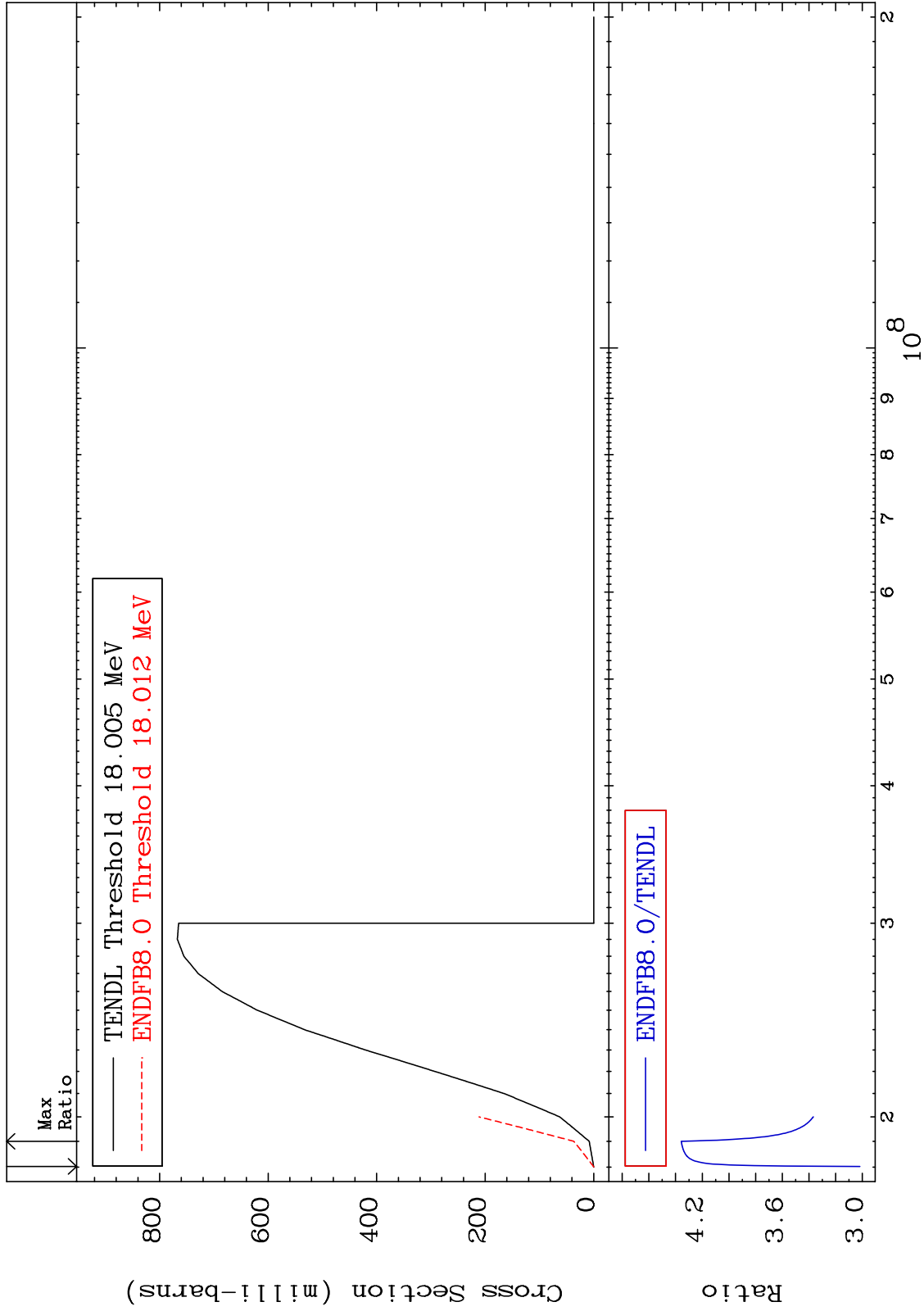
MAT 5034

(n,3n)

50-Sn-115

Cross Section

201.8 To 335.8 %



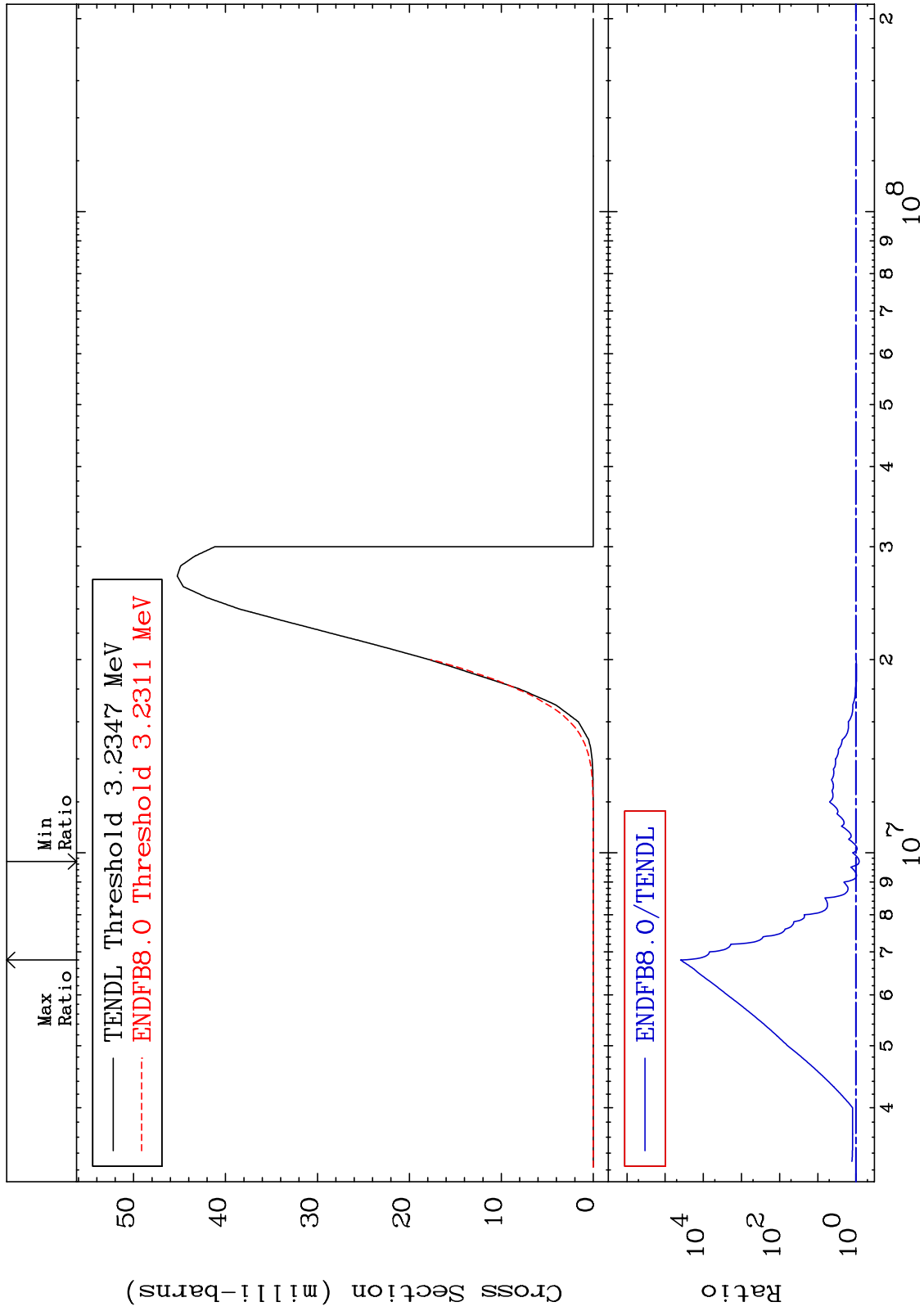
MAT 5034

(n,n')  $\alpha$

50-Sn-115

Cross Section

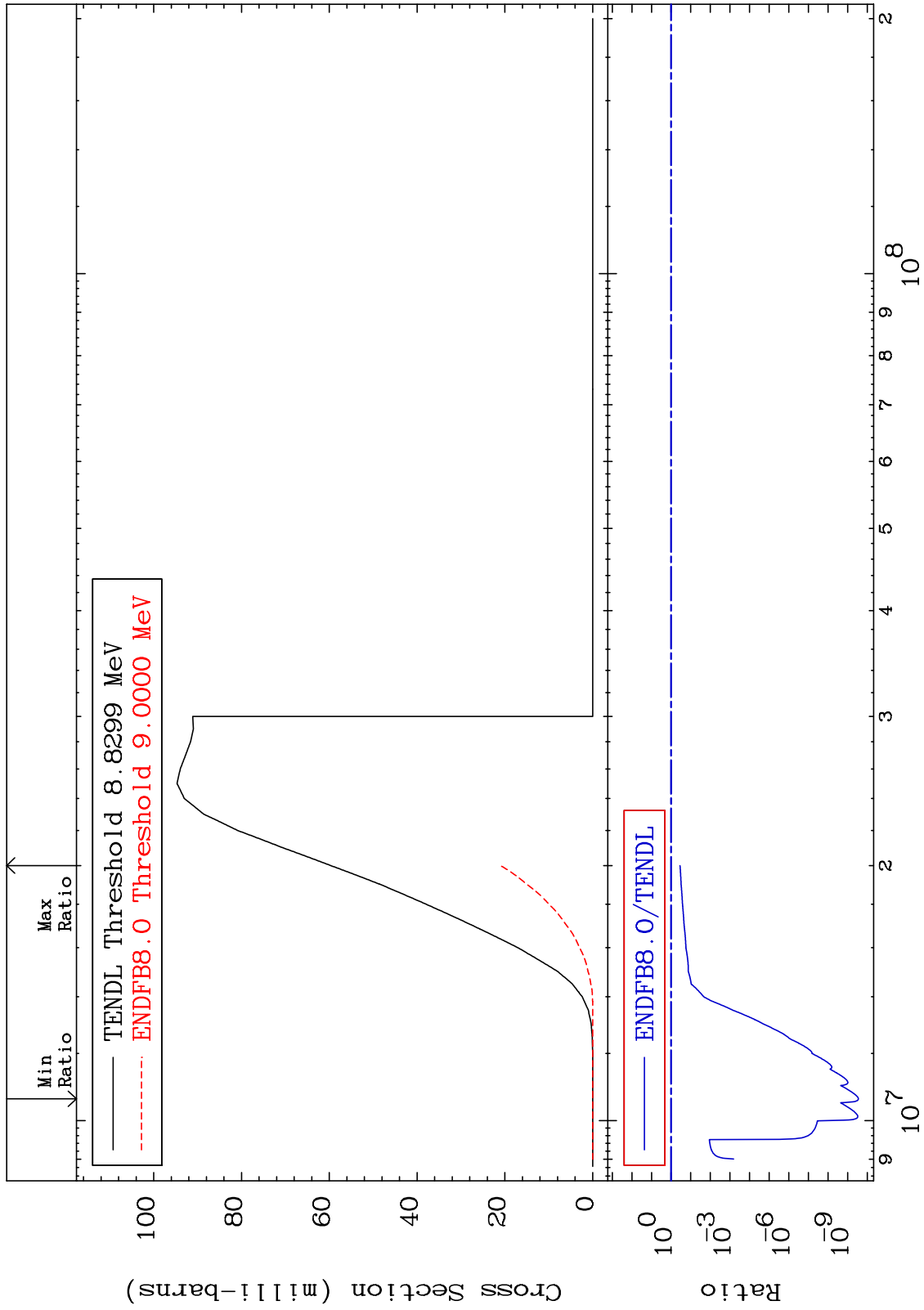
-17.69 To 9999. %



MAT 5034

(n,n') p  
Cross Section

50-Sn-115  
-100.0 To -64.84%



50-Sn-115

Incident Energy (eV)

7



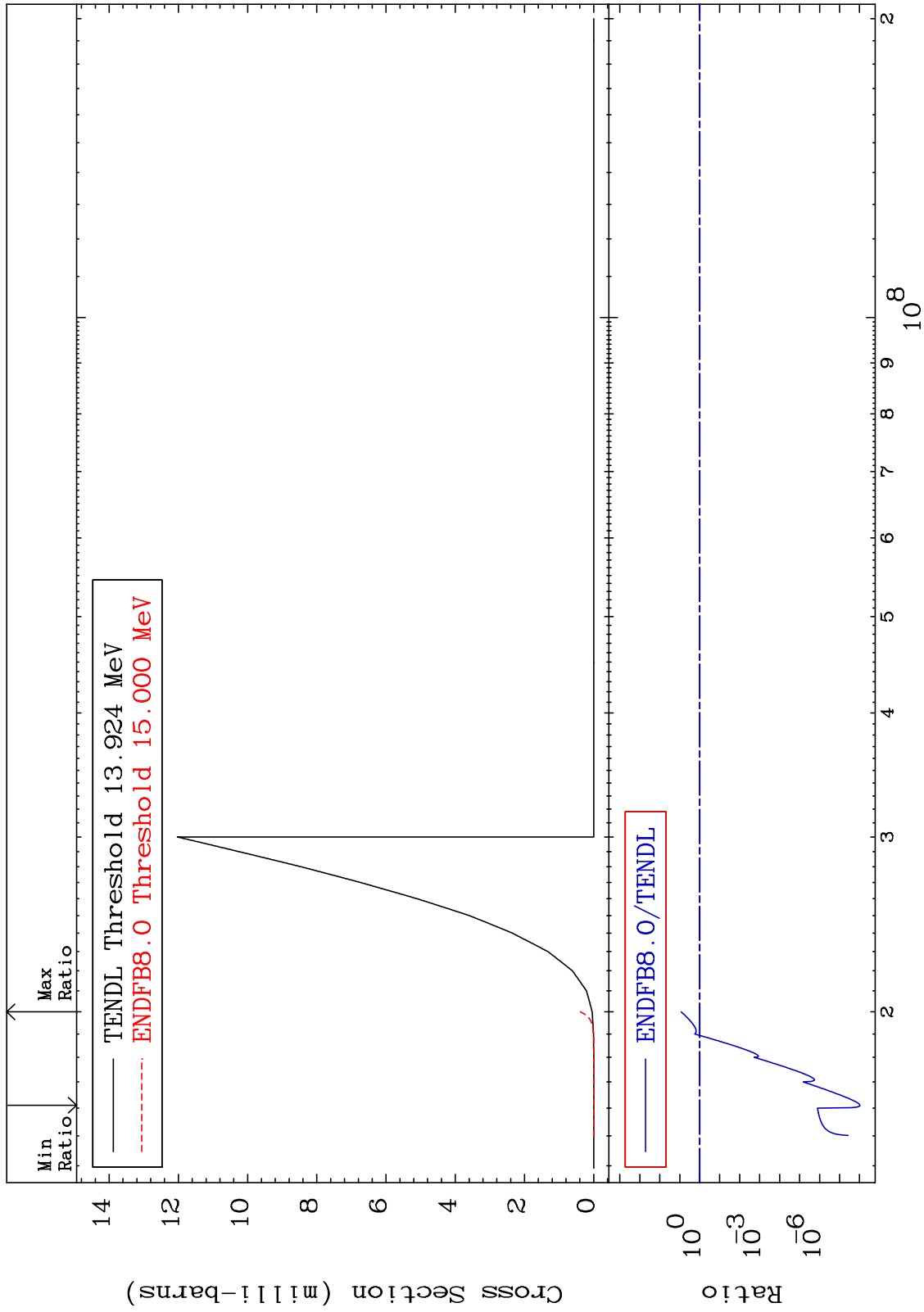
MAT 5034

(n,n') d

50-Sn-115

Cross Section

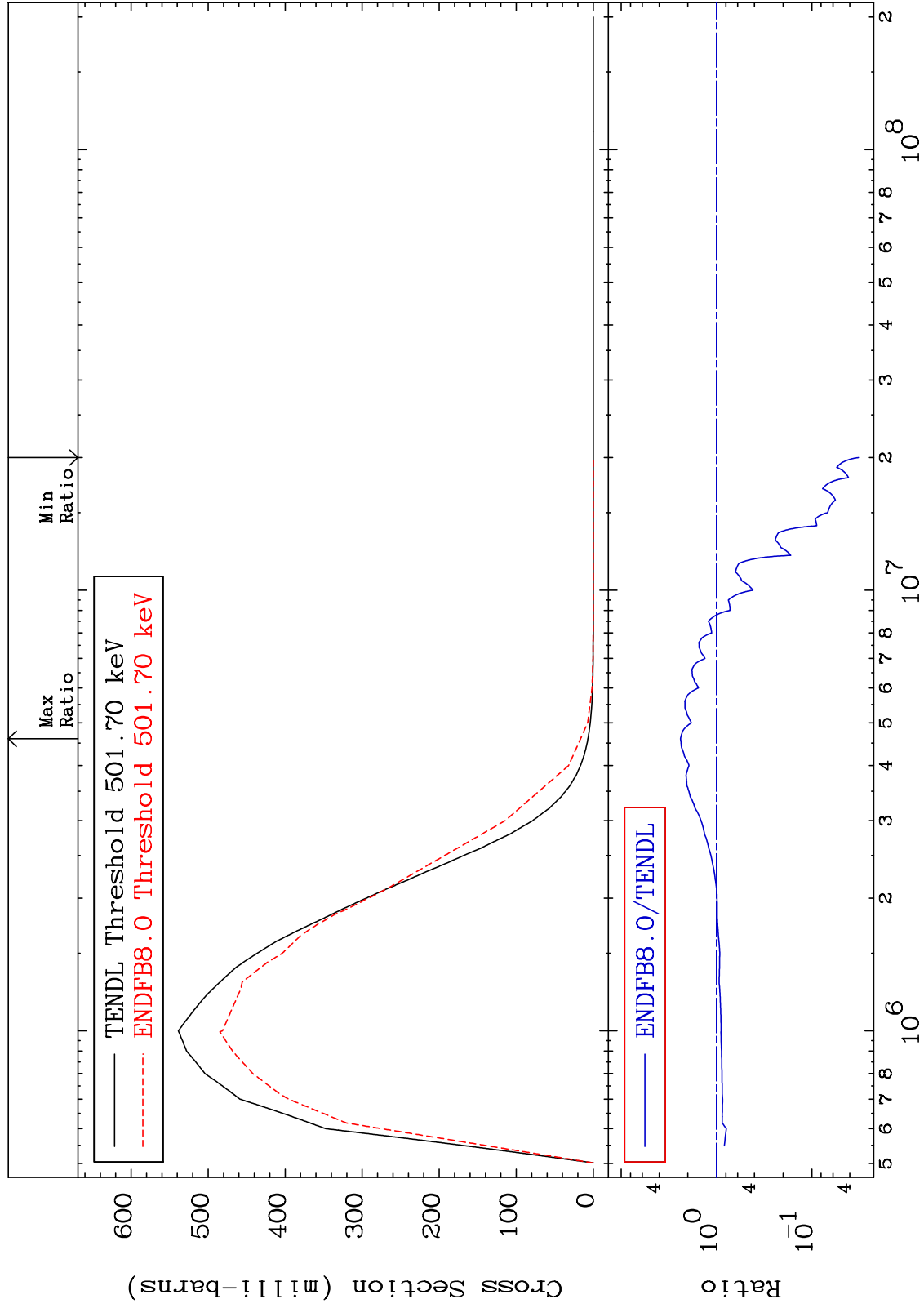
-100.0 To 746.0 %



MAT 5034

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

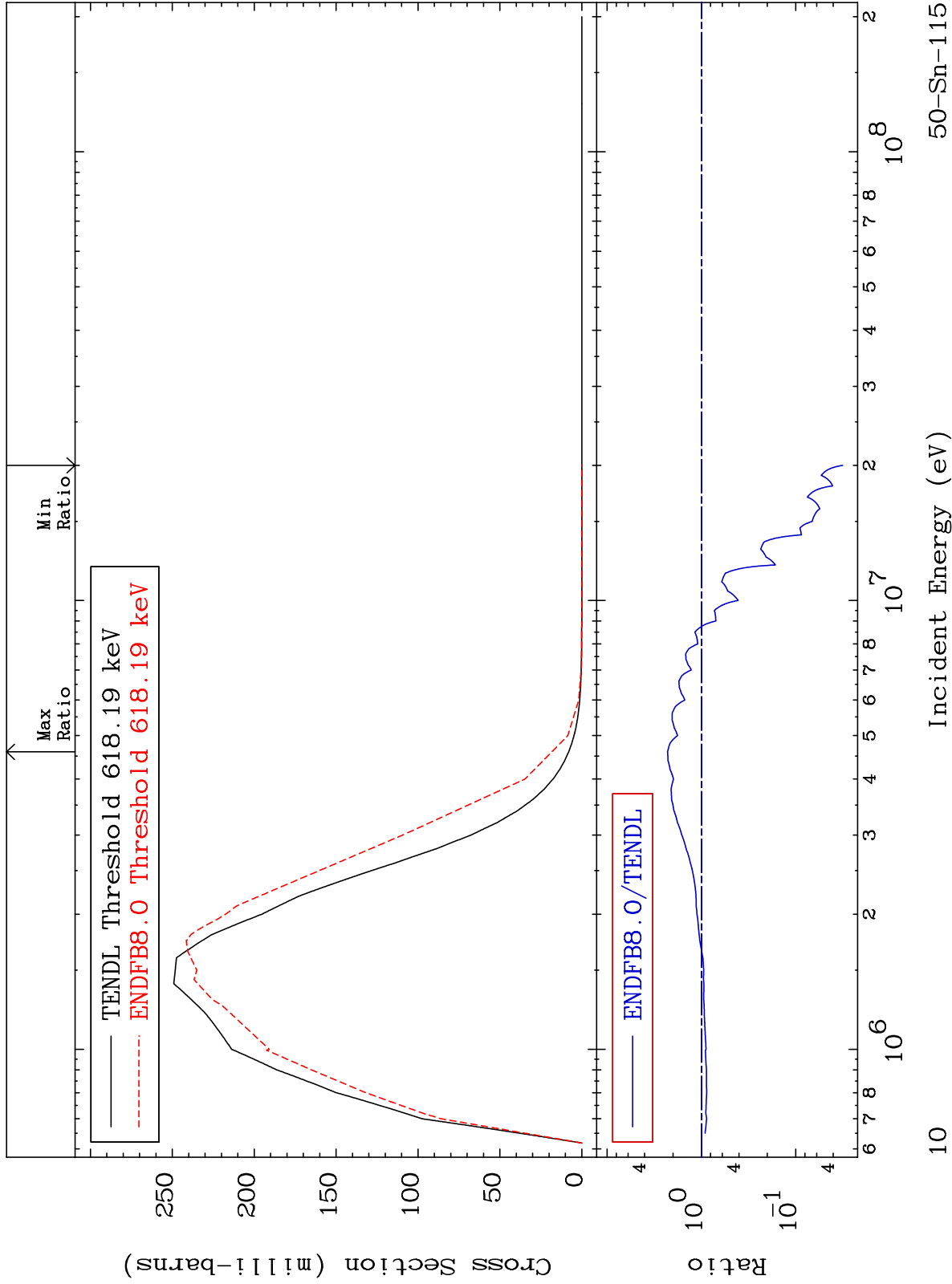
50-Sn-115  
-96.76 To 139.2 %



MAT 5034

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

50-Sn-115  
-96.82 To 128.7 %



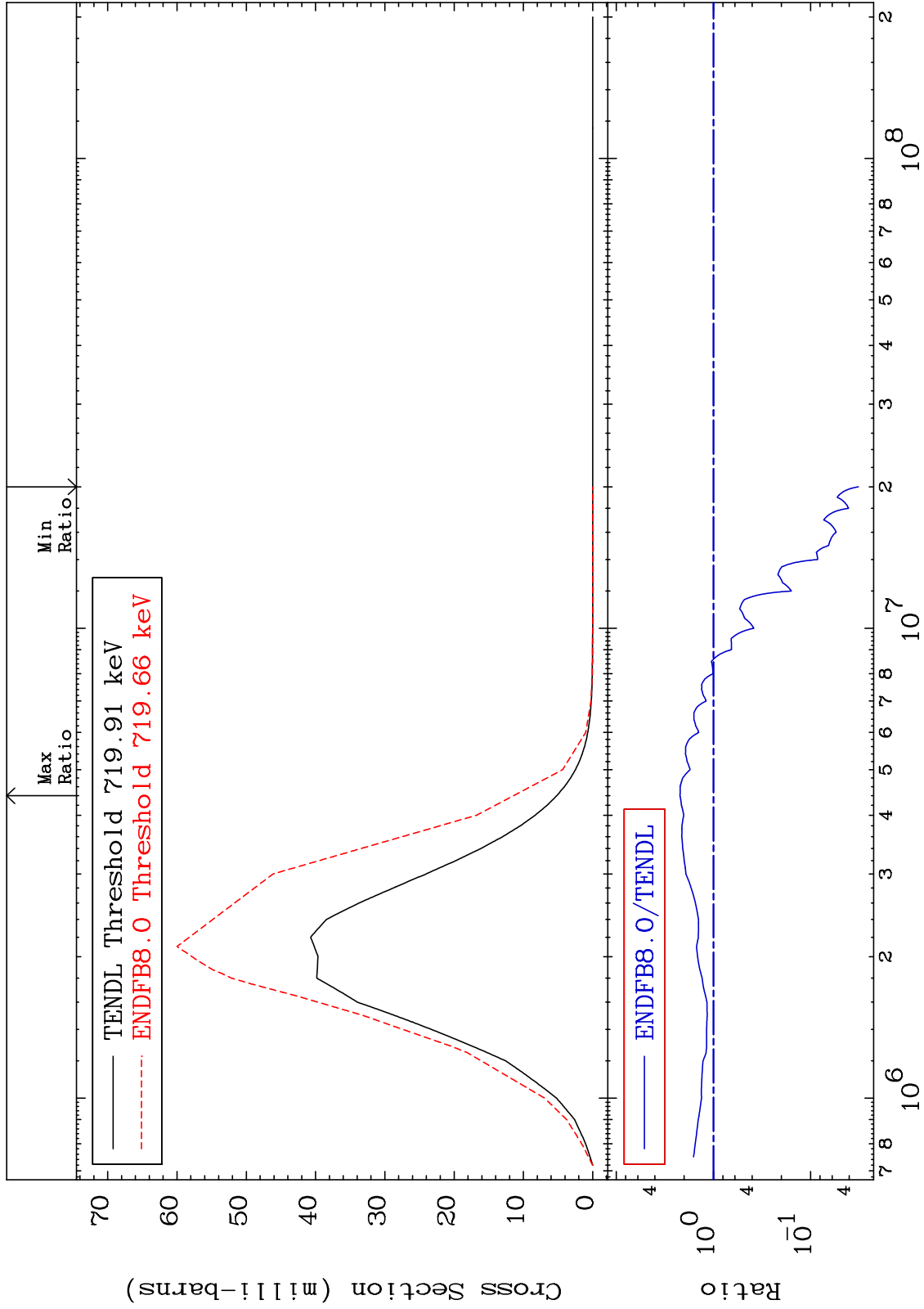
50-Sn-115

Incident Energy (eV)

MAT 5034

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

50-Sn-115  
-96.78 To 120.8 %



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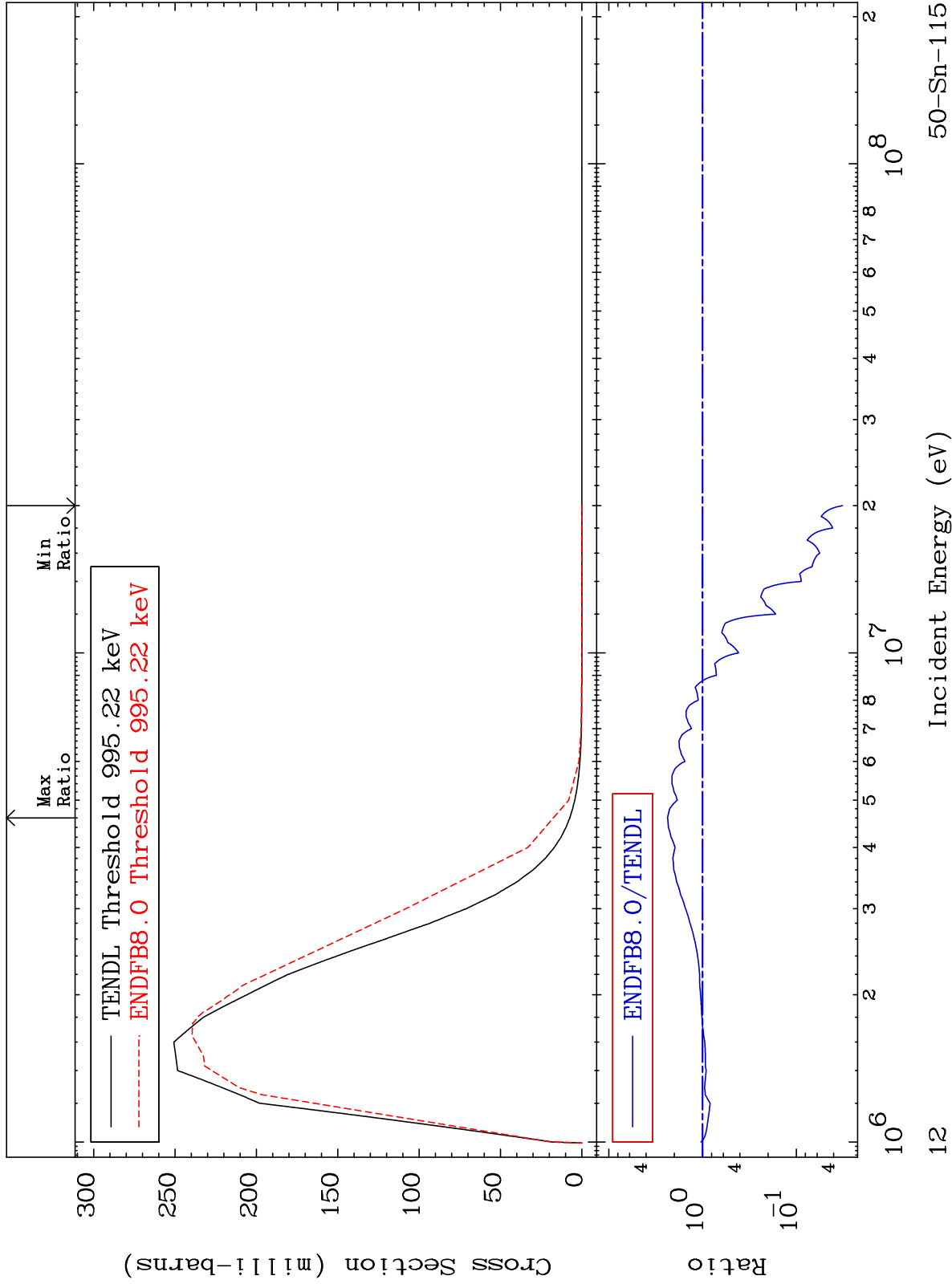
Incident Energy (eV)

50-Sn-115

MAT 5034

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

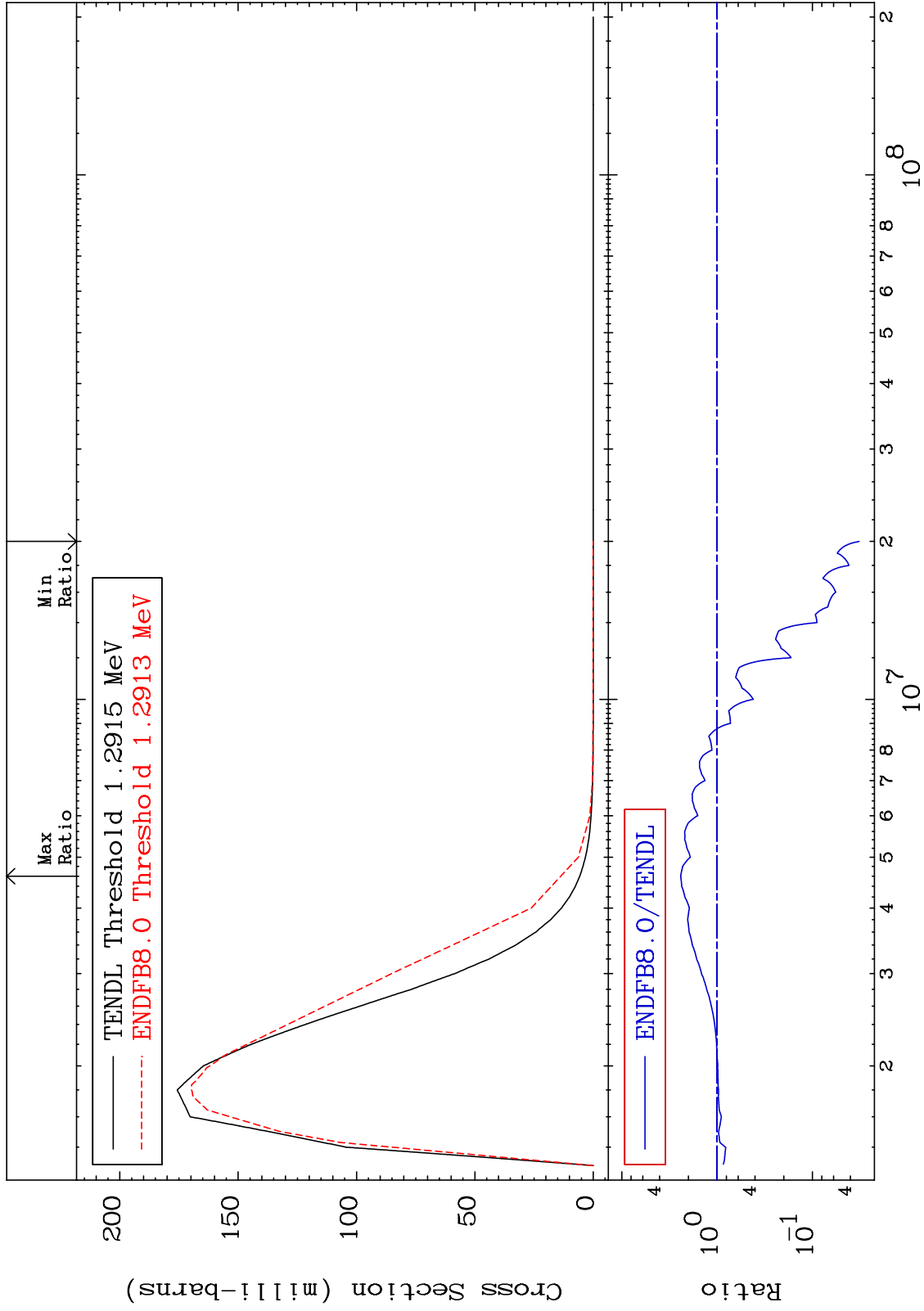
50-Sn-115  
-96.79 To 136.2 %



MAT 5034

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

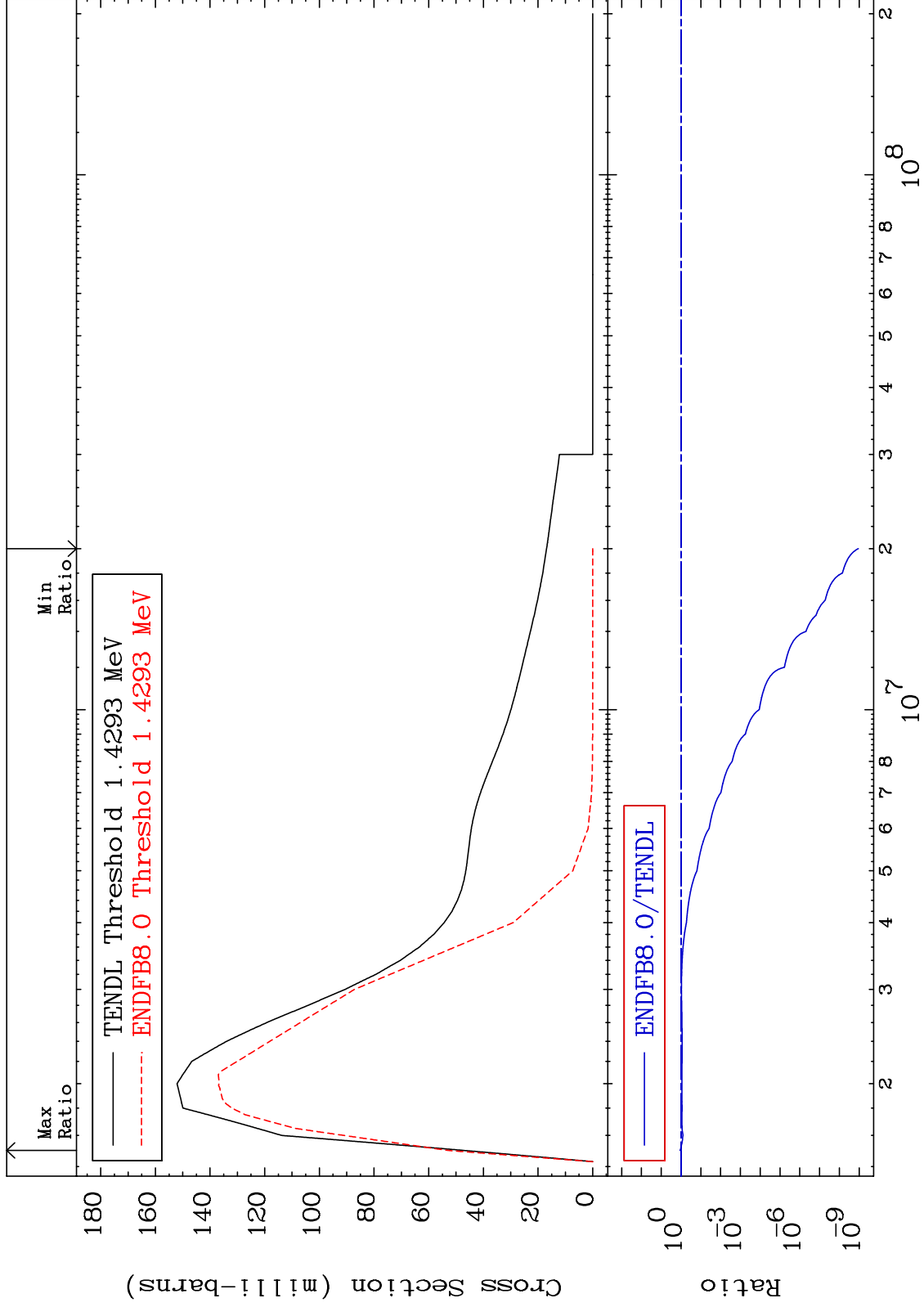
50-Sn-115  
-96.76 To 141.3 %



MAT 5034

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

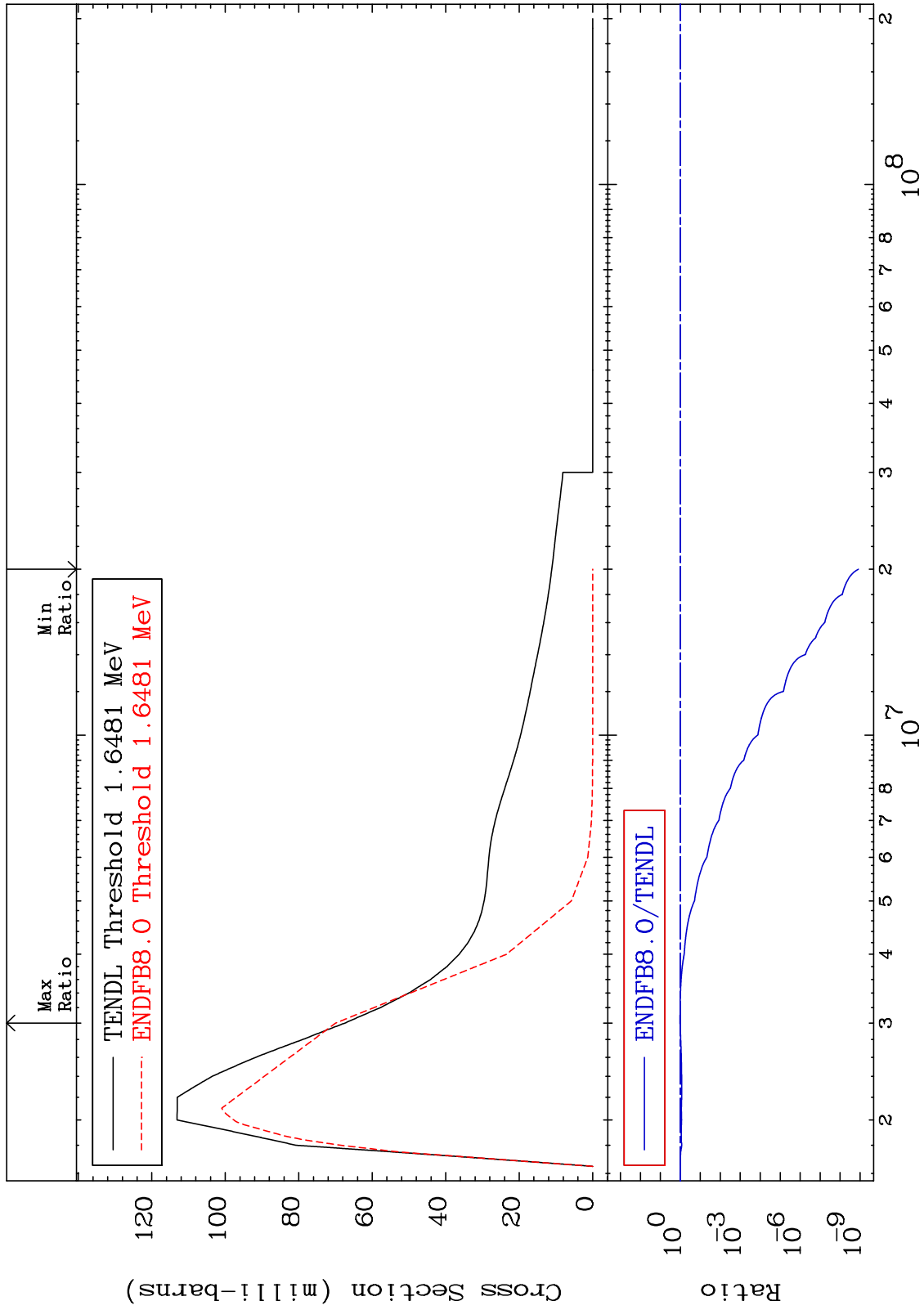
50-Sn-115  
-100.0 To 12.53 %



MAT 5034

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

50-Sn-115  
-100.0 To 3.800 %

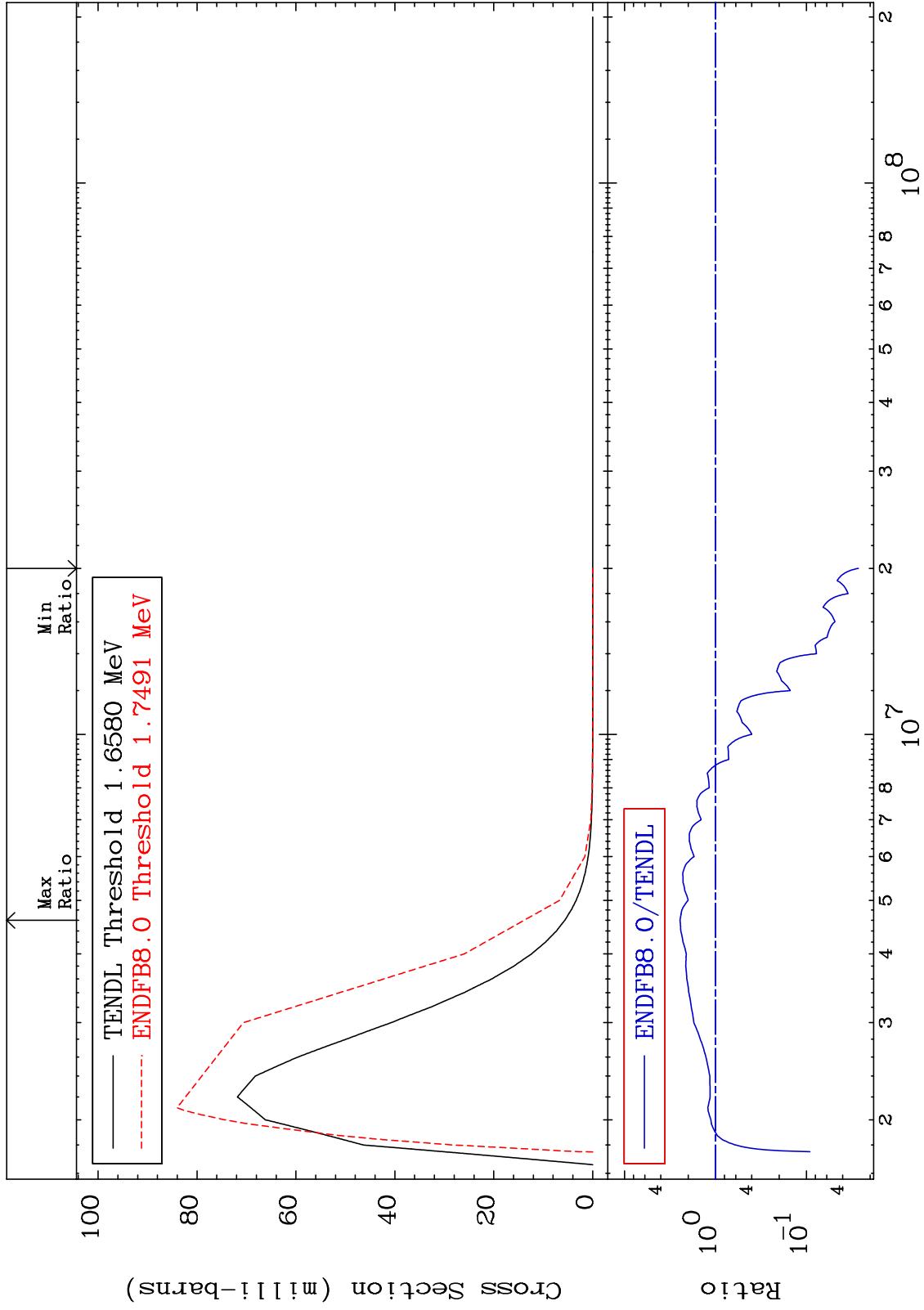




MAT 5034

MT= 58 (n,n') Level  
Cross Section

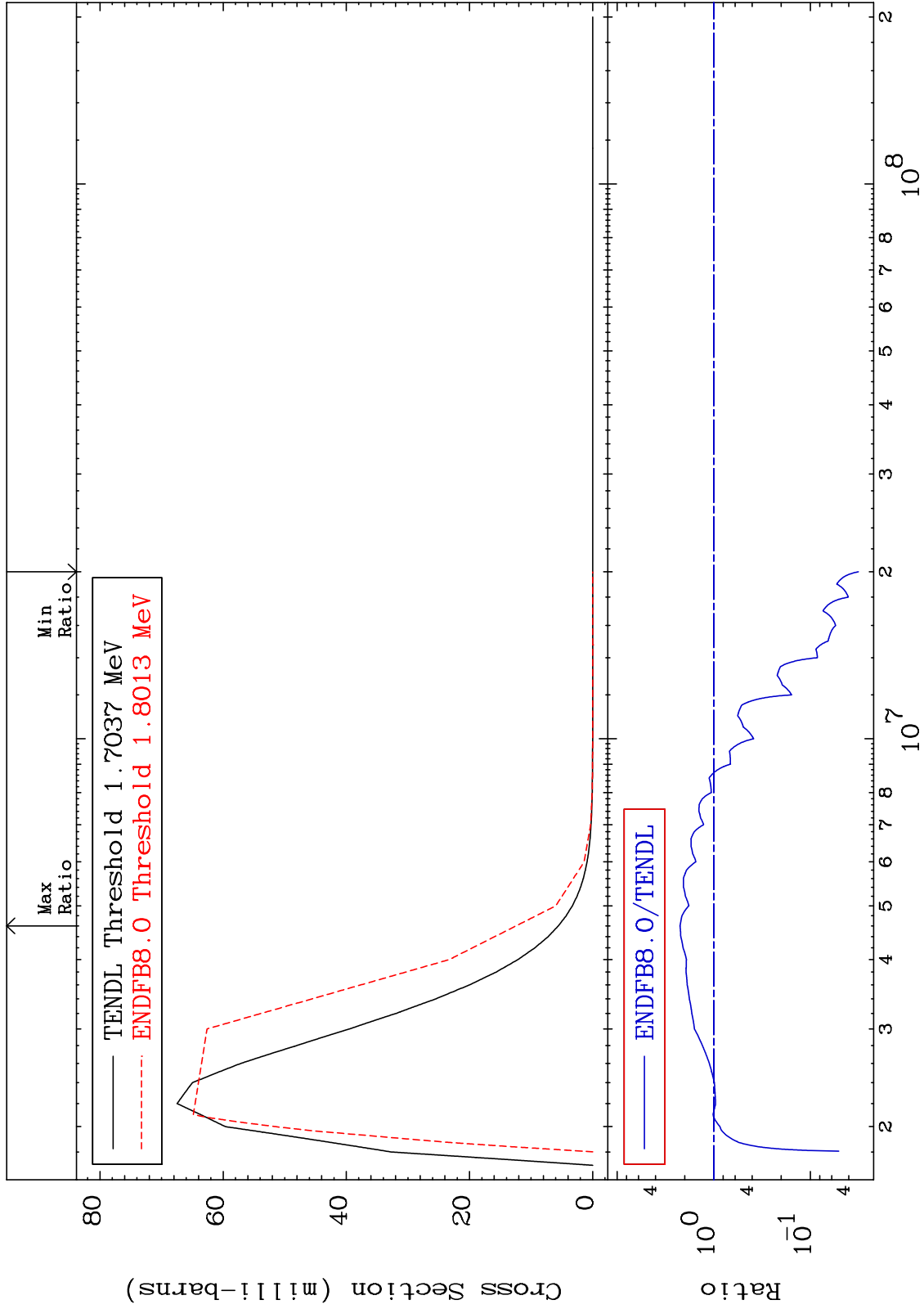
50-Sn-115  
-97.32 To 145.8 %



MAT 5034

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

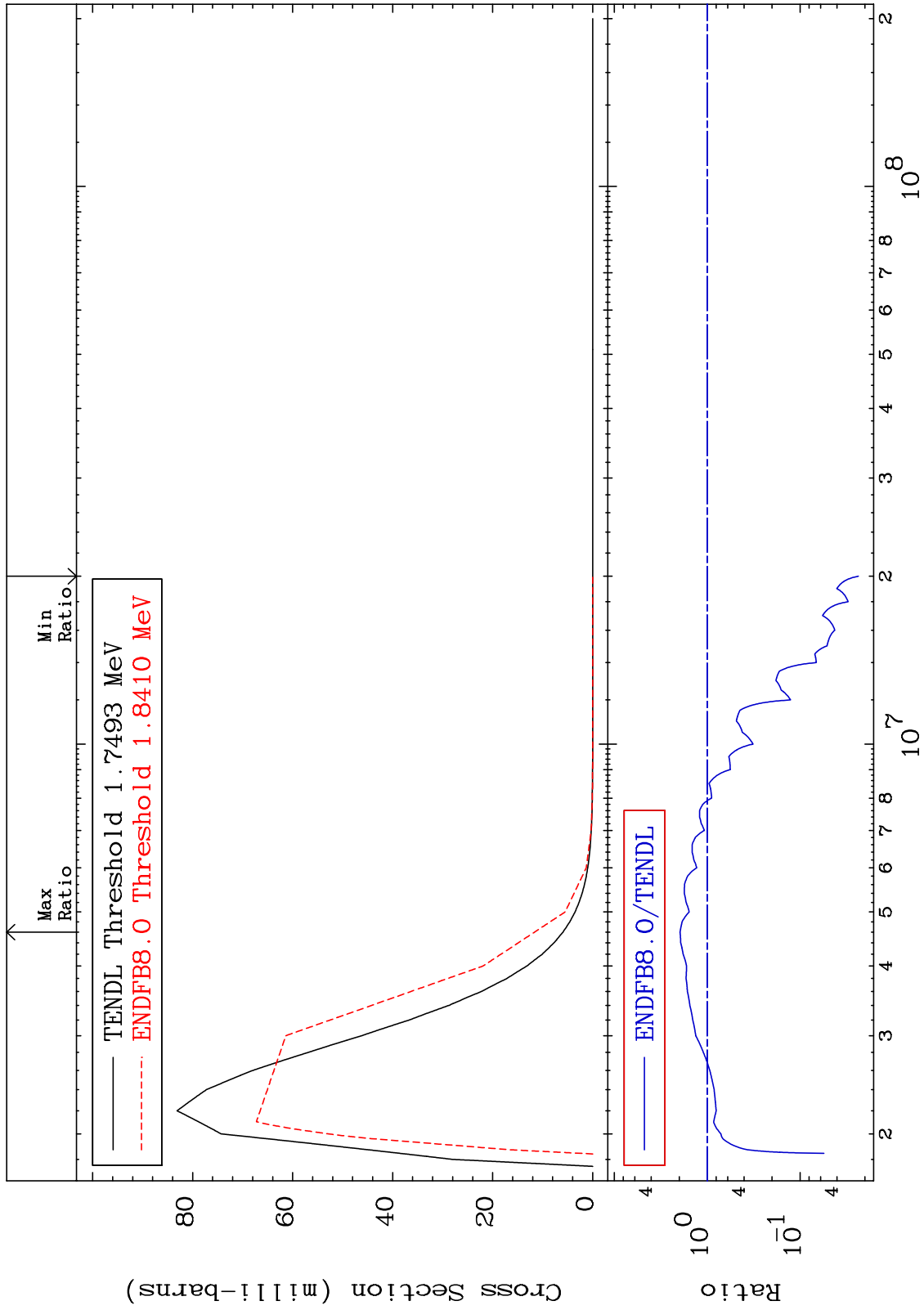
50-Sn-115  
-96.82 To 123.5 %



MAT 5034

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

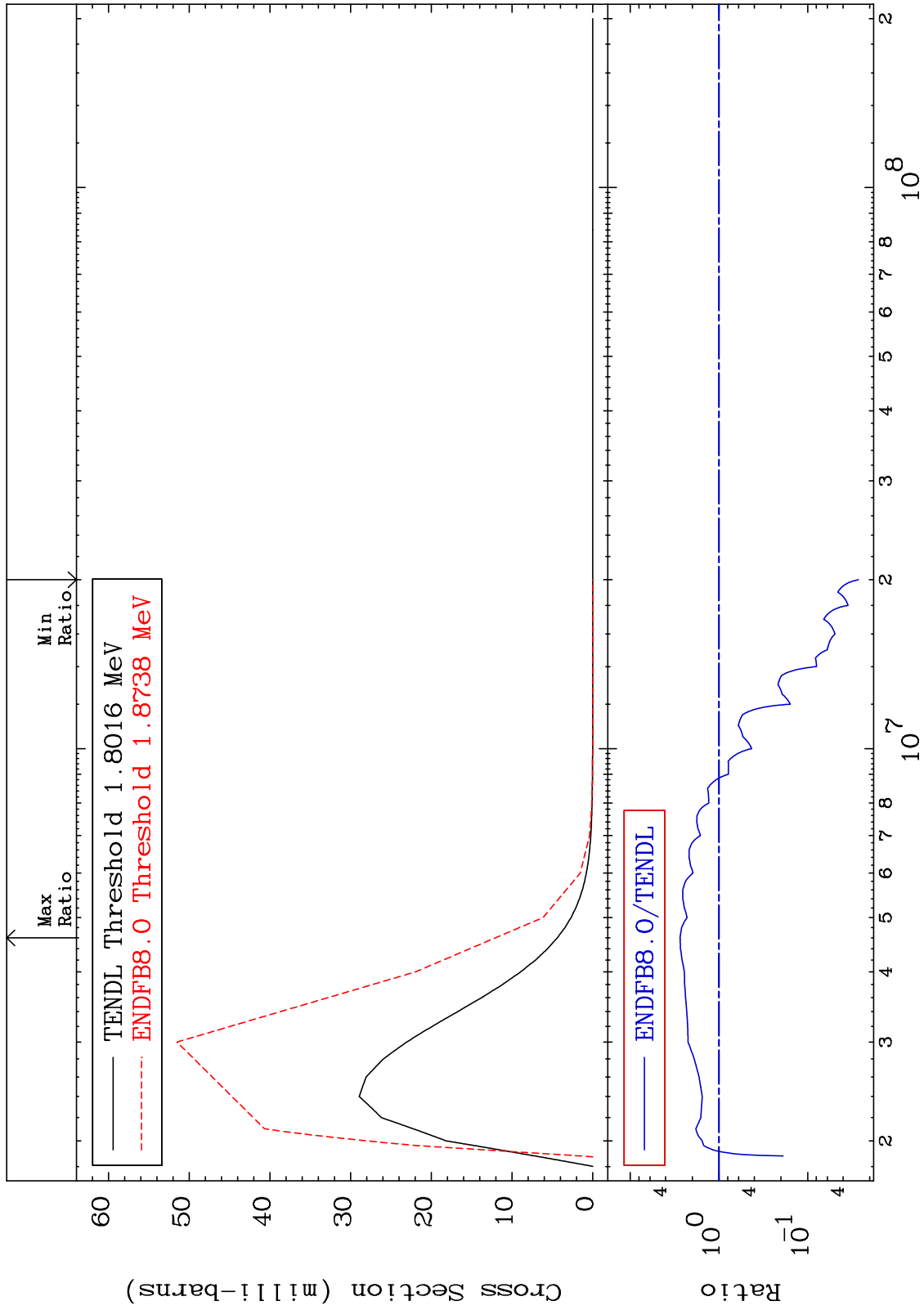
50-Sn-115  
-97.65 To 96.05 %

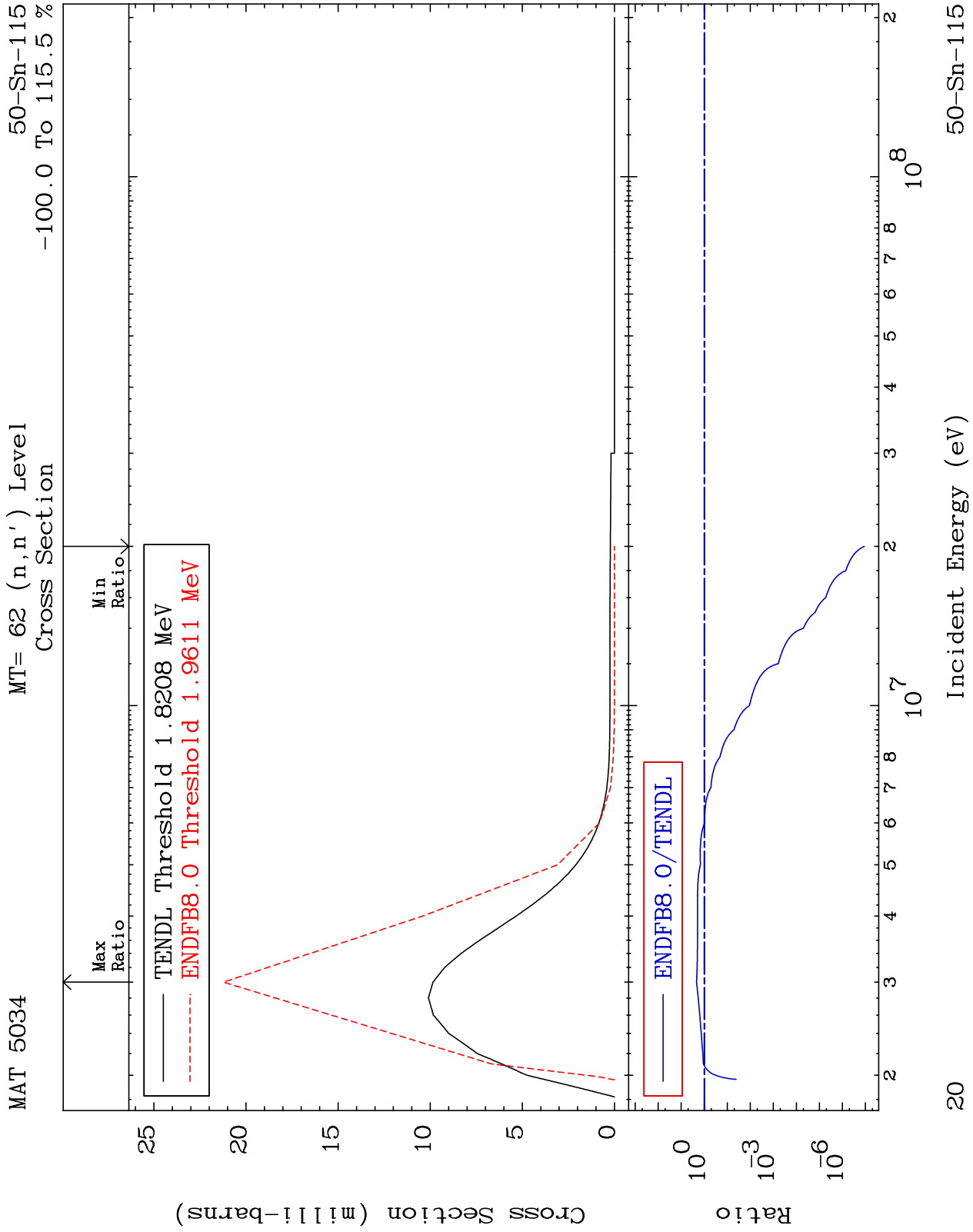


MAT 5034

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

50-Sn-115  
-97.31 To 175.1 %

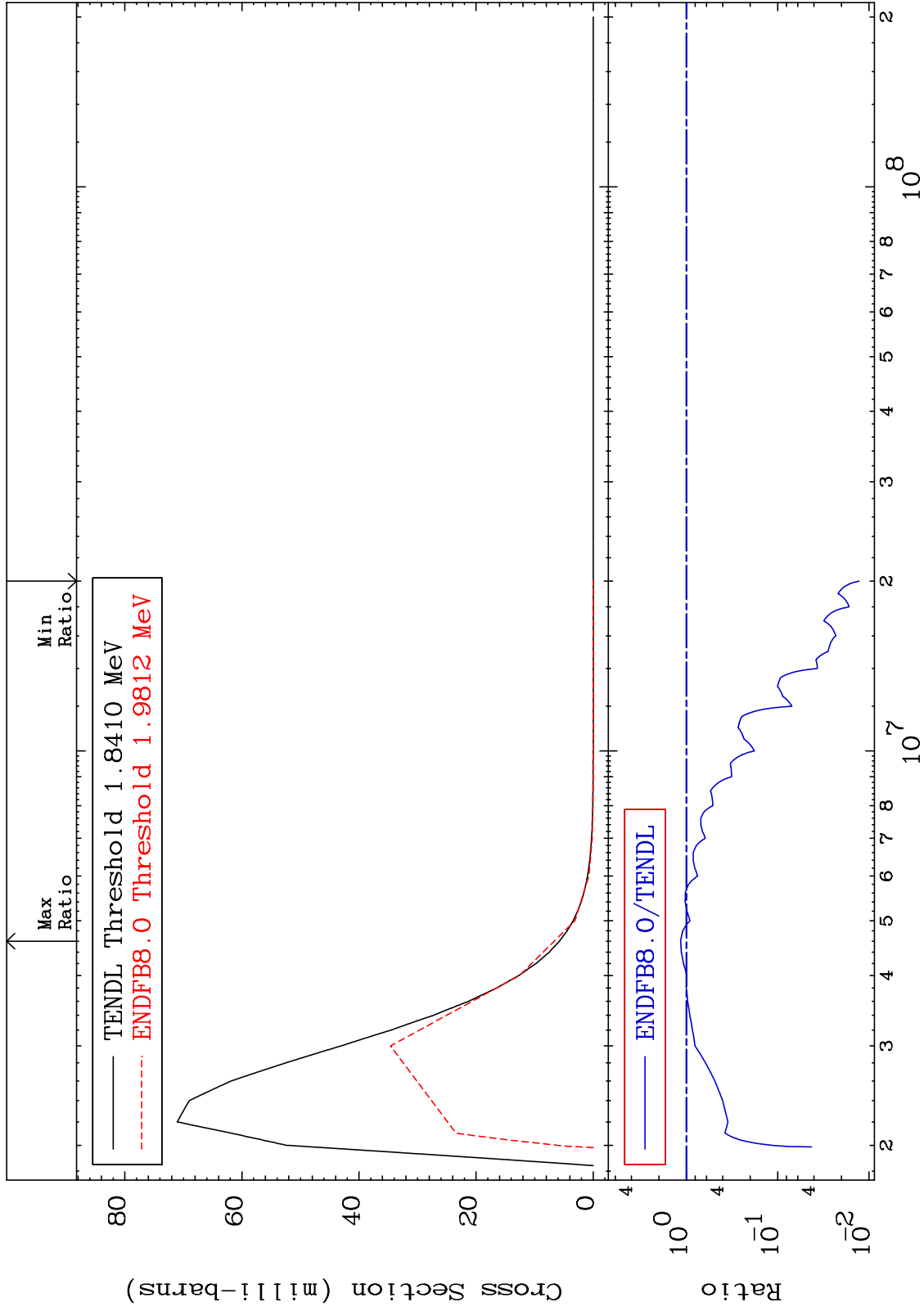




MAT 5034

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

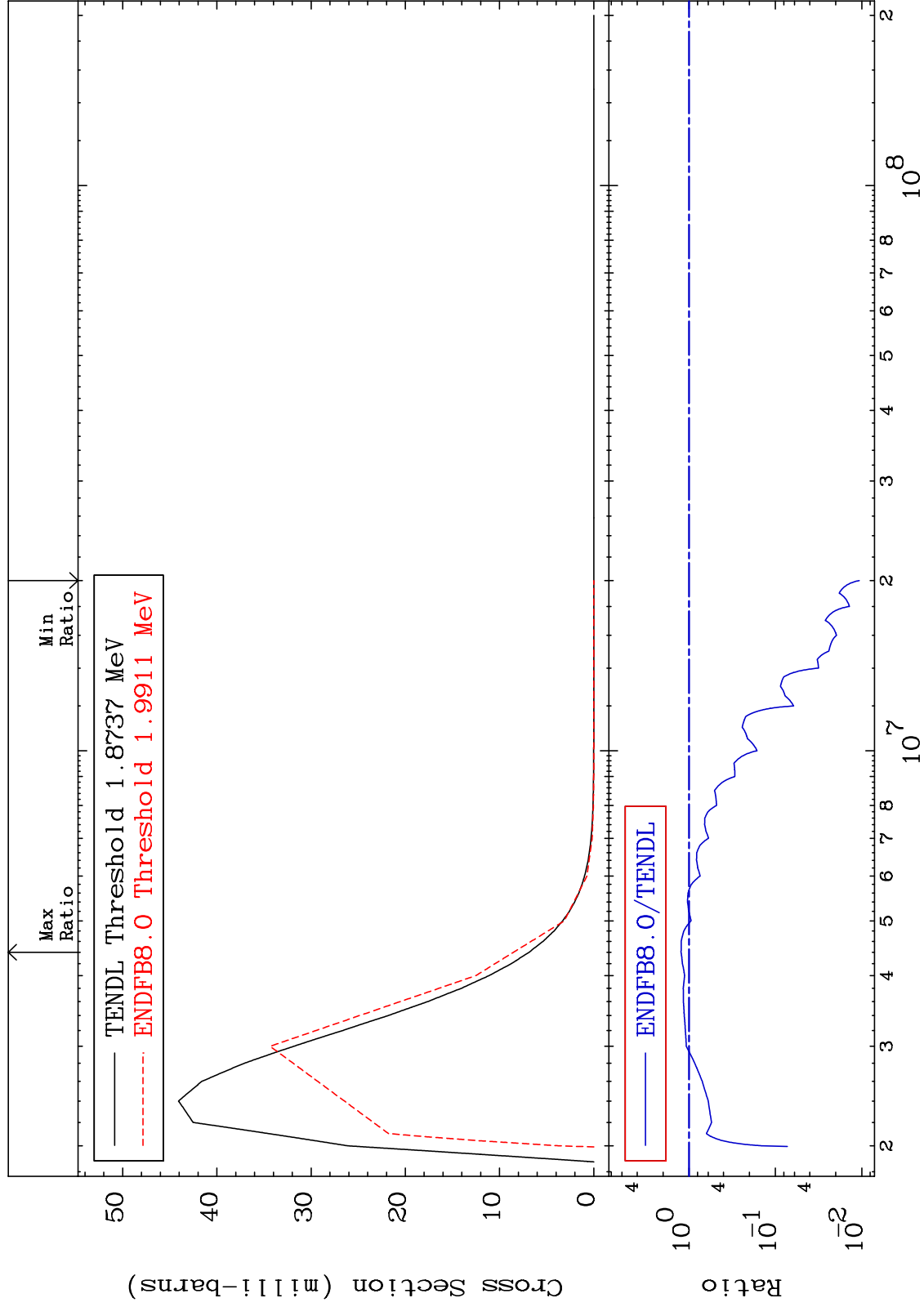
50-Sn-115  
-98.72 To 15.52 %



MAT 5034

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

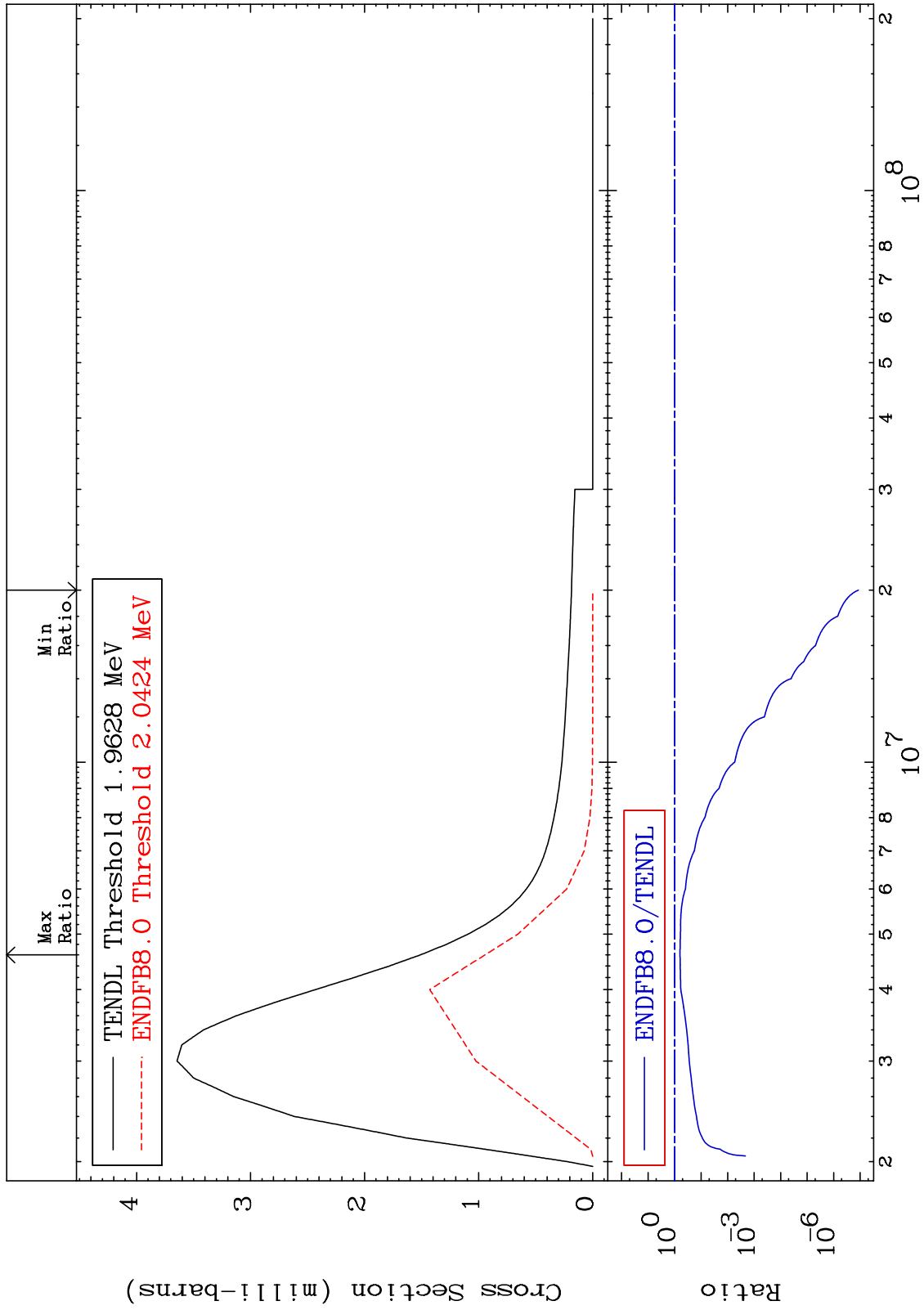
50-Sn-115  
-98.93 To 24.00 %



MAT 5034

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

50-Sn-115  
-100.0 To -37.44%

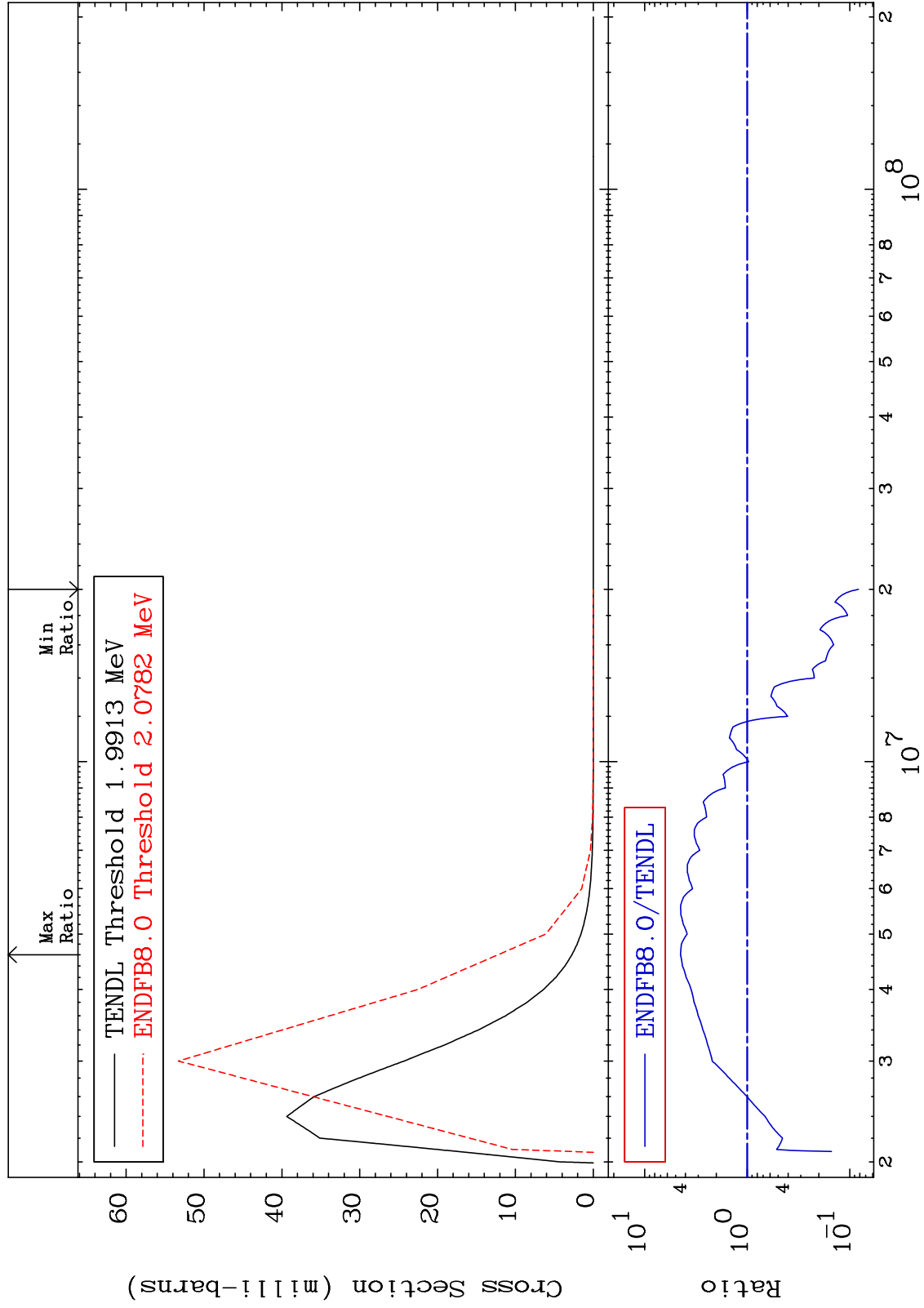




MAT 5034

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

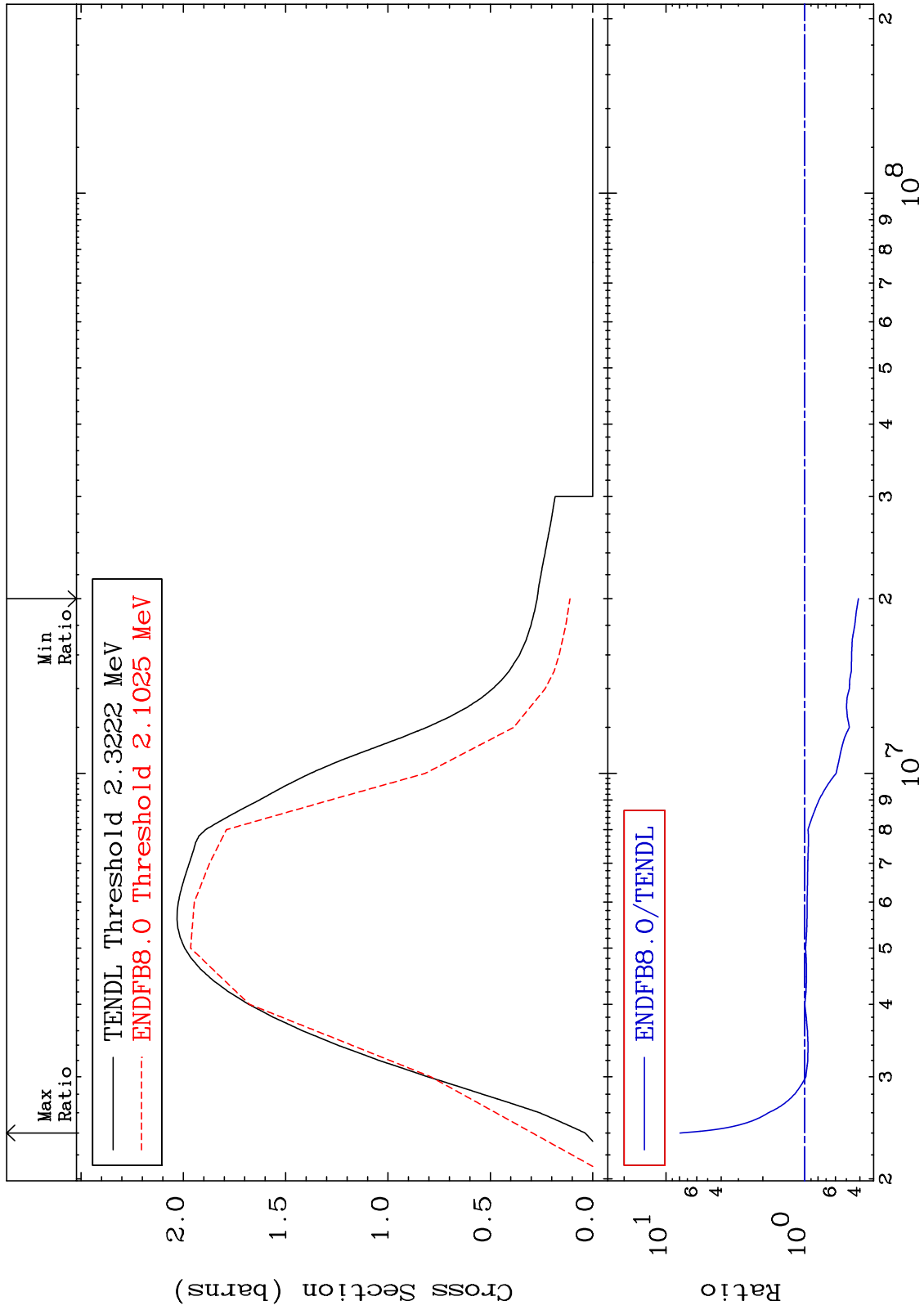
50-Sn-115  
-91.77 To 347.9 %



MAT 5034

(n, n') Continuum  
Cross Section

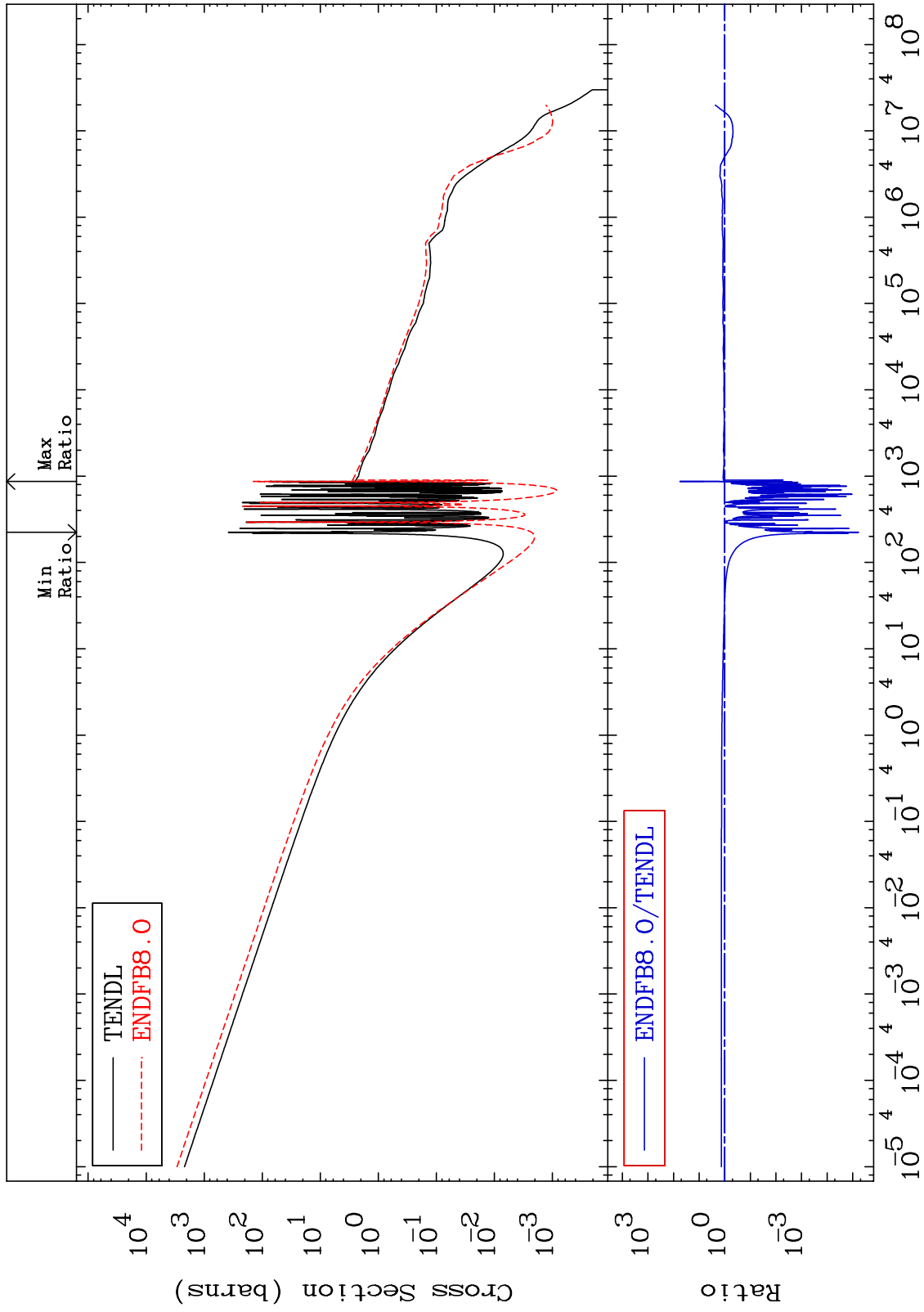
50-Sn-115  
-59.04 To 691.9 %



MAT 5034

(n,  $\gamma$ )  
Cross Section

50-Sn-115  
-100.0 To 5500. %



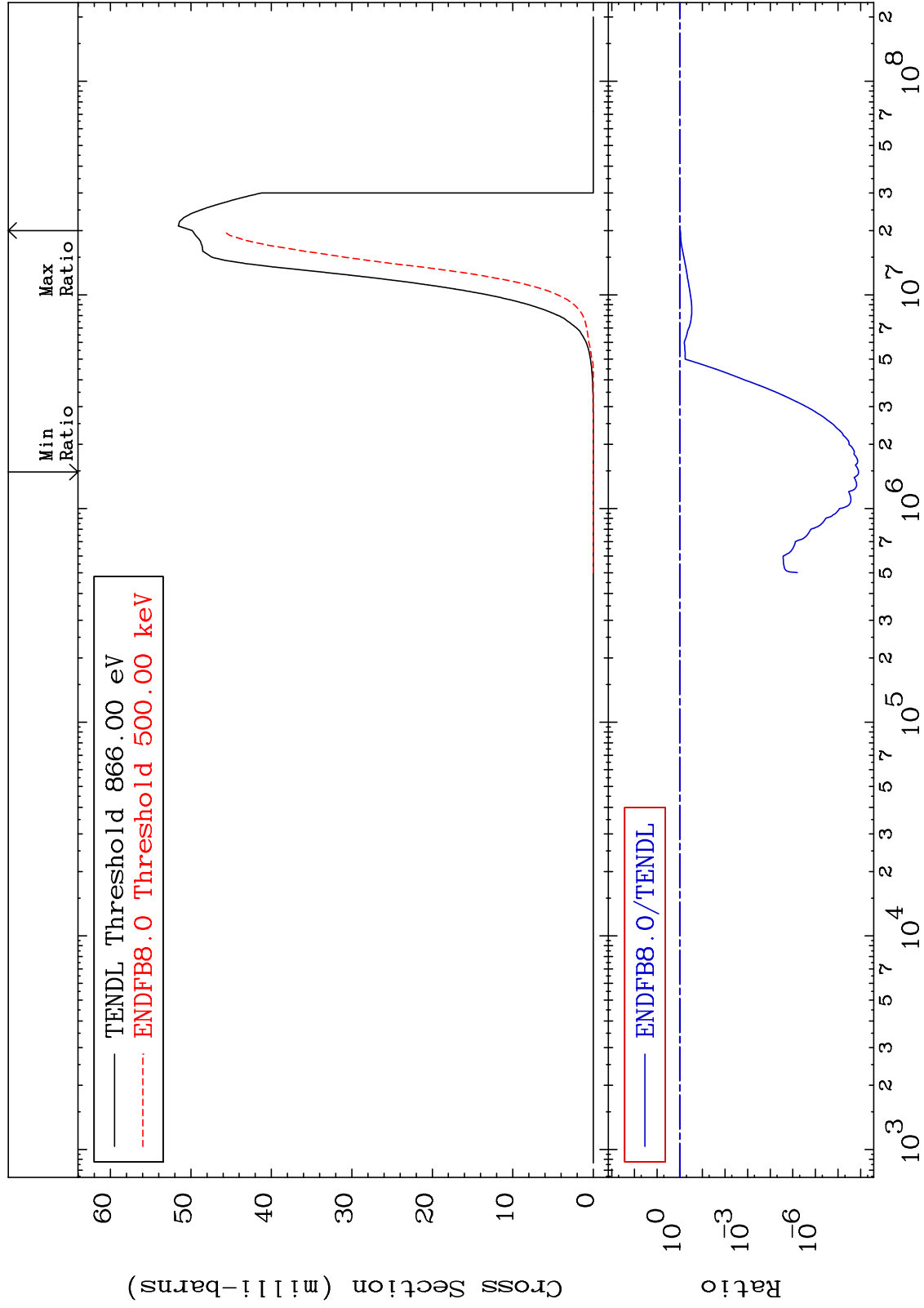
MAT 5034

(n,p)

50-Sn-115

Cross Section

-100.0 To -7.636%



27

Incident Energy (eV)

50-Sn-115

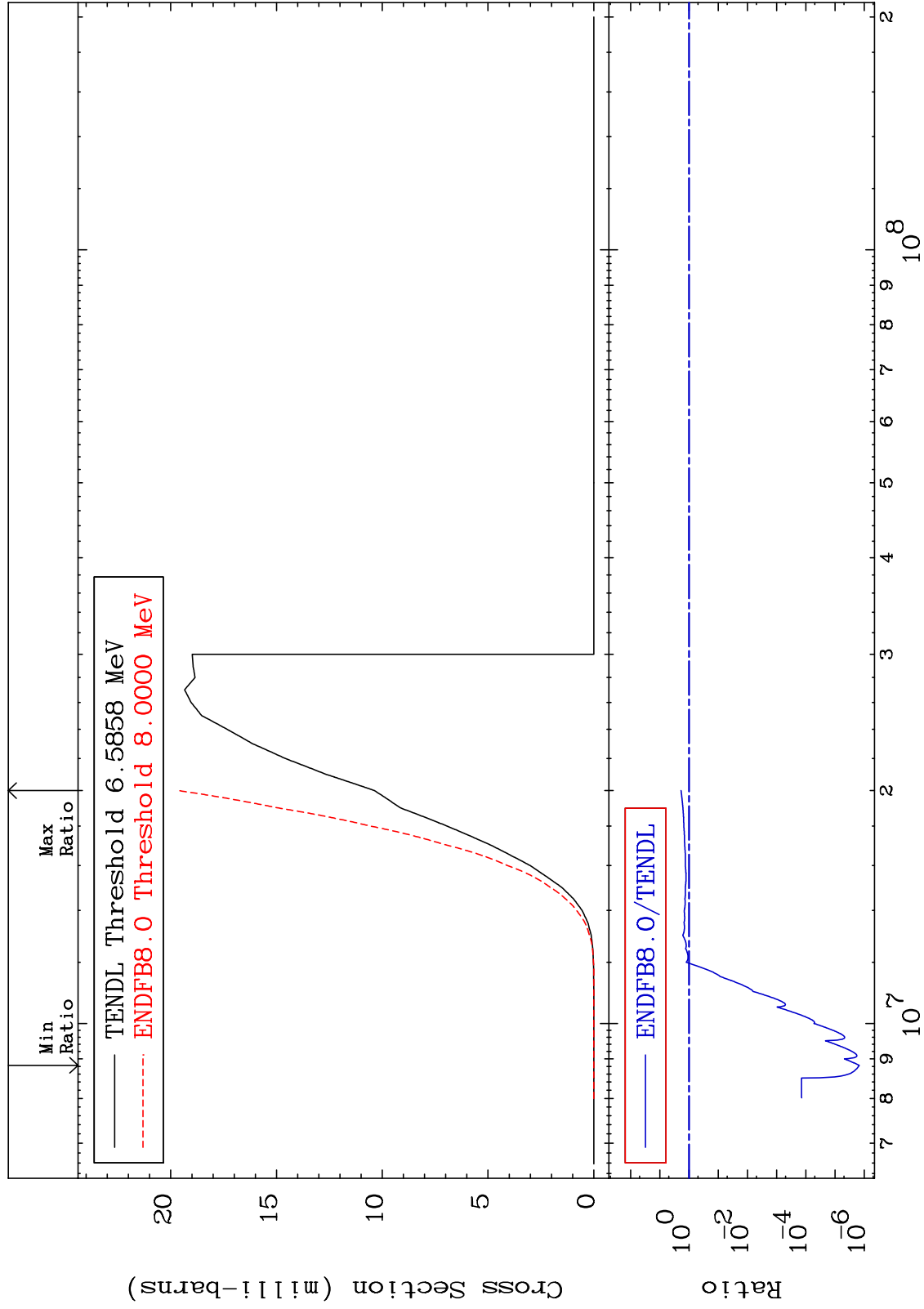
MAT 5034

(n, d)

50-Sn-115

Cross Section

-100.0 To 89.36 %



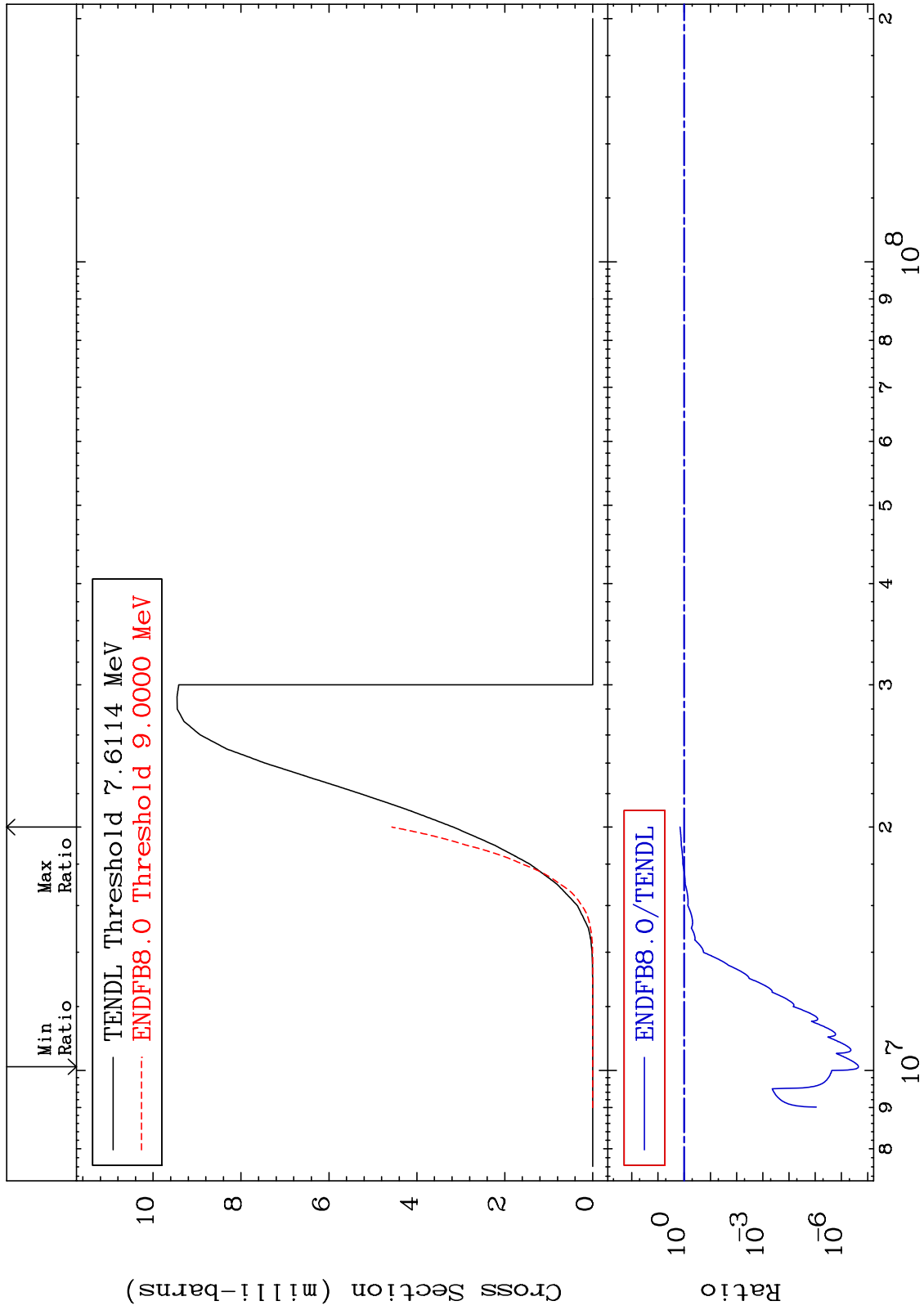
MAT 5034

(n, t)

50-Sn-115

Cross Section

-100.0 To 43.95 %



29

Incident Energy (eV)

50-Sn-115

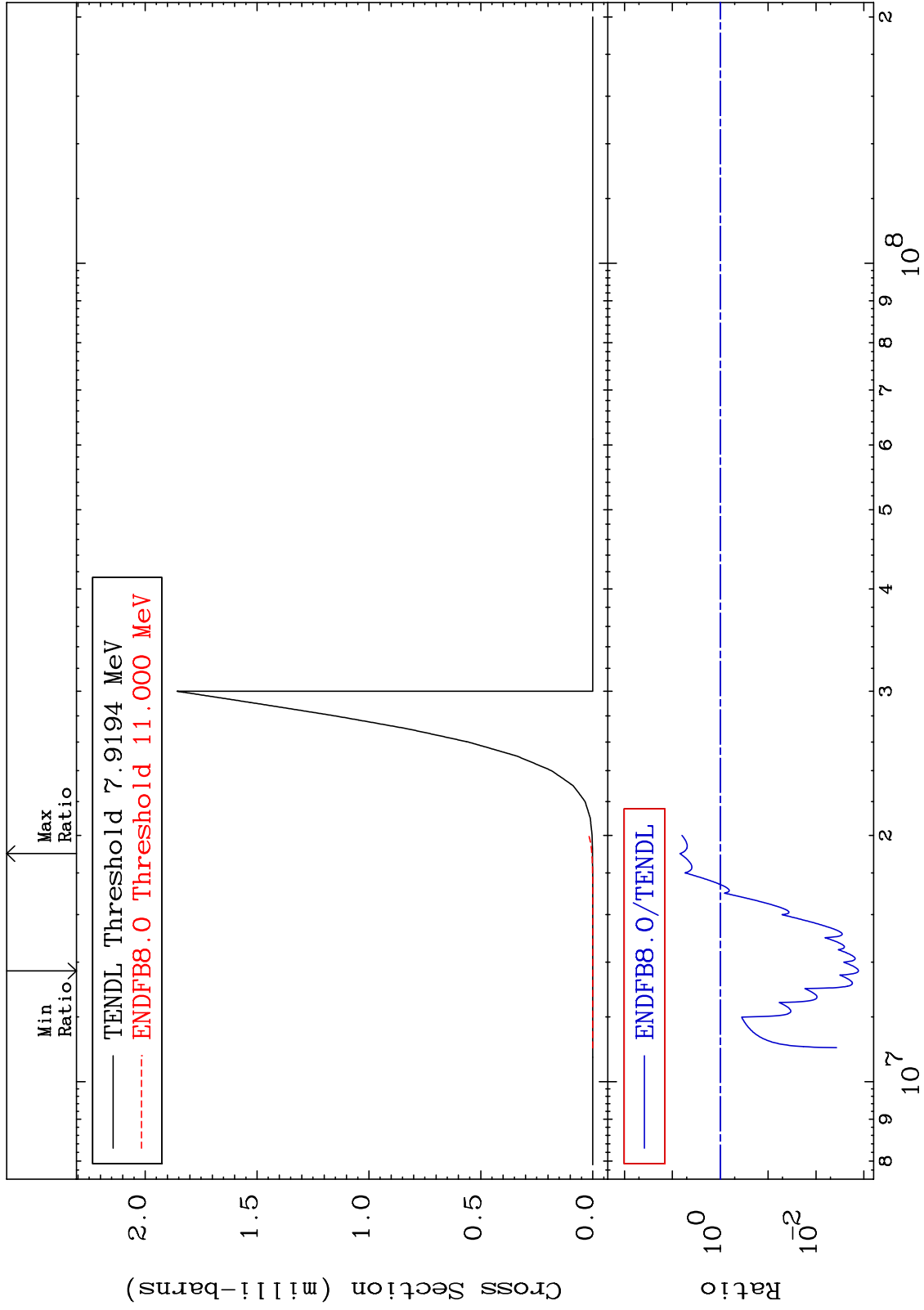
MAT 5034

(n, He-3)

50-Sn-115

Cross Section

-99.87 To 593.1 %



50-Sn-115

Incident Energy (eV)

30

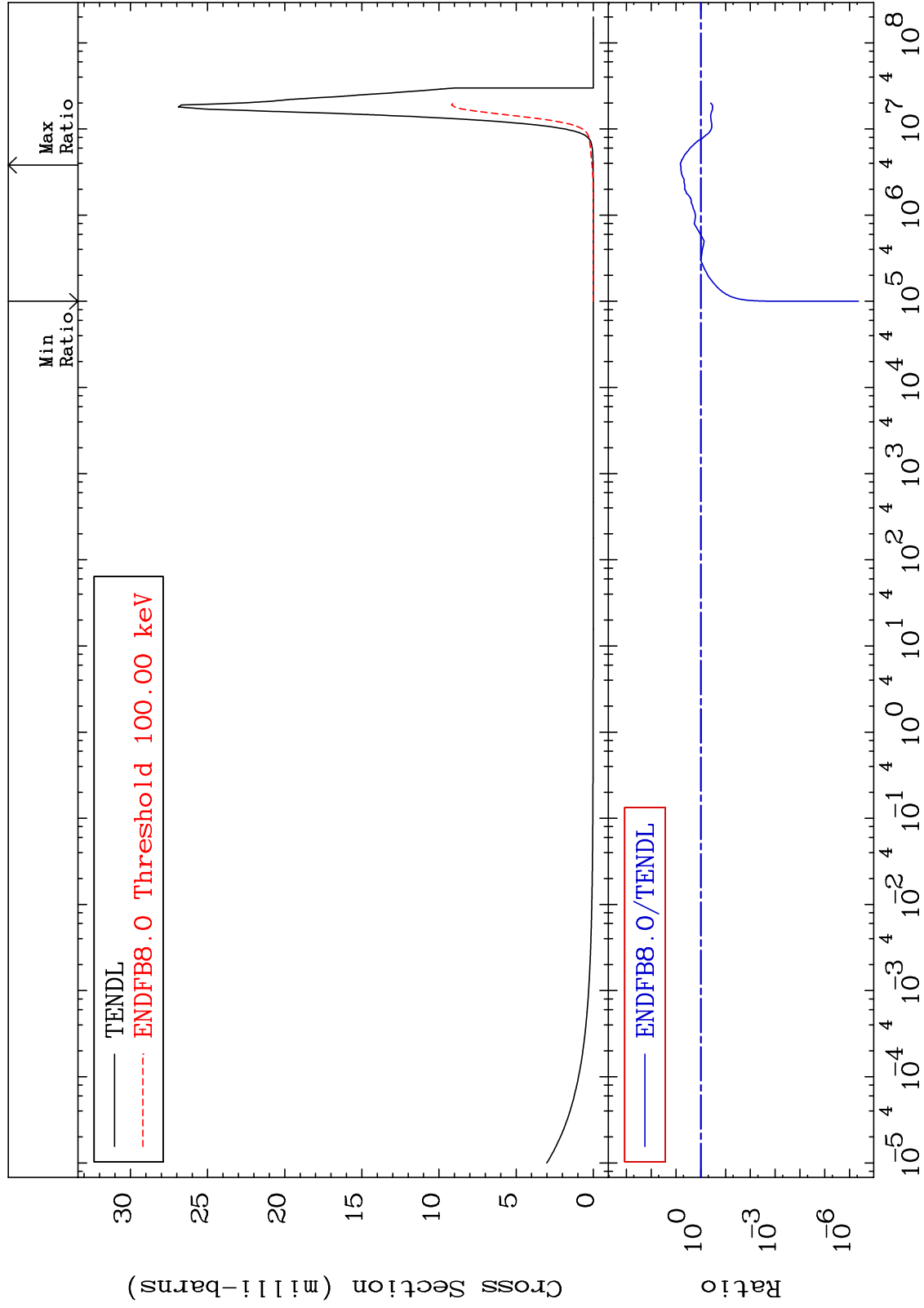
MAT 5034

(n,  $\alpha$ )

50-Sn-115

Cross Section

-100.0 To 558.1 %



31

Incident Energy (eV)

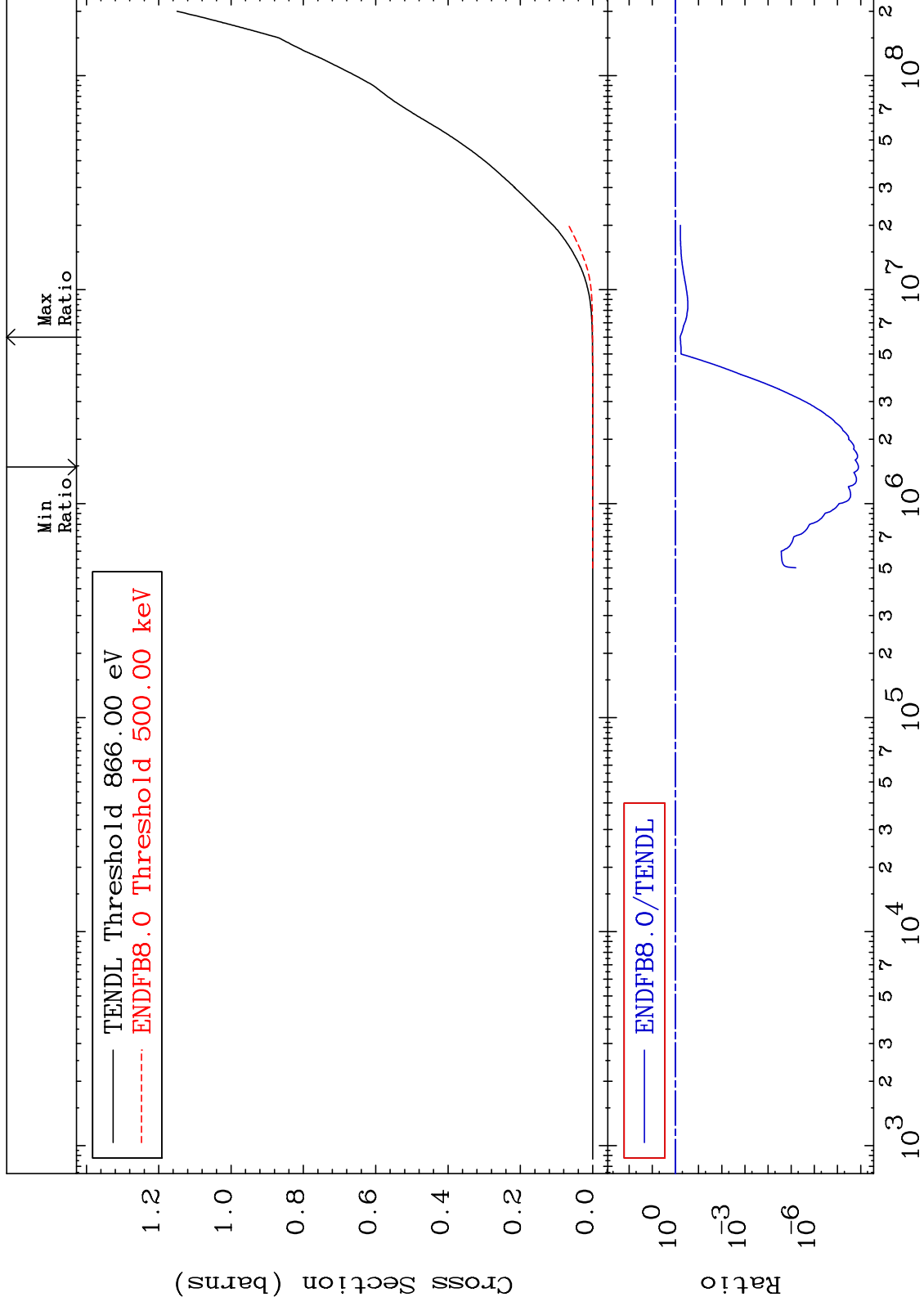
50-Sn-115



MAT 5034

Hydrogen Production  
Cross Section

50-Sn-115  
-100.0 To -36.69%



32

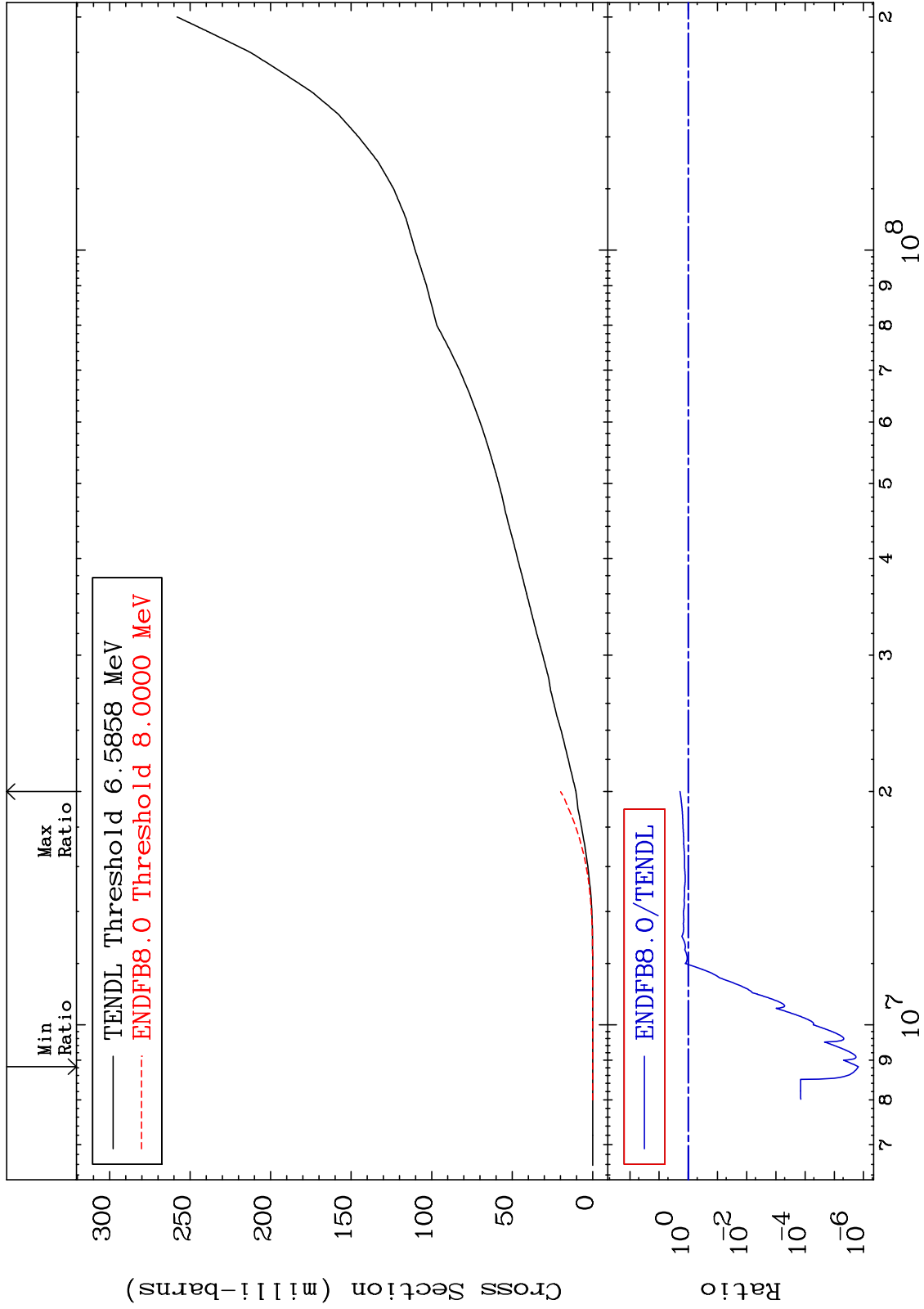
Incident Energy (eV)

50-Sn-115

MAT 5034

Deuterium Production  
Cross Section

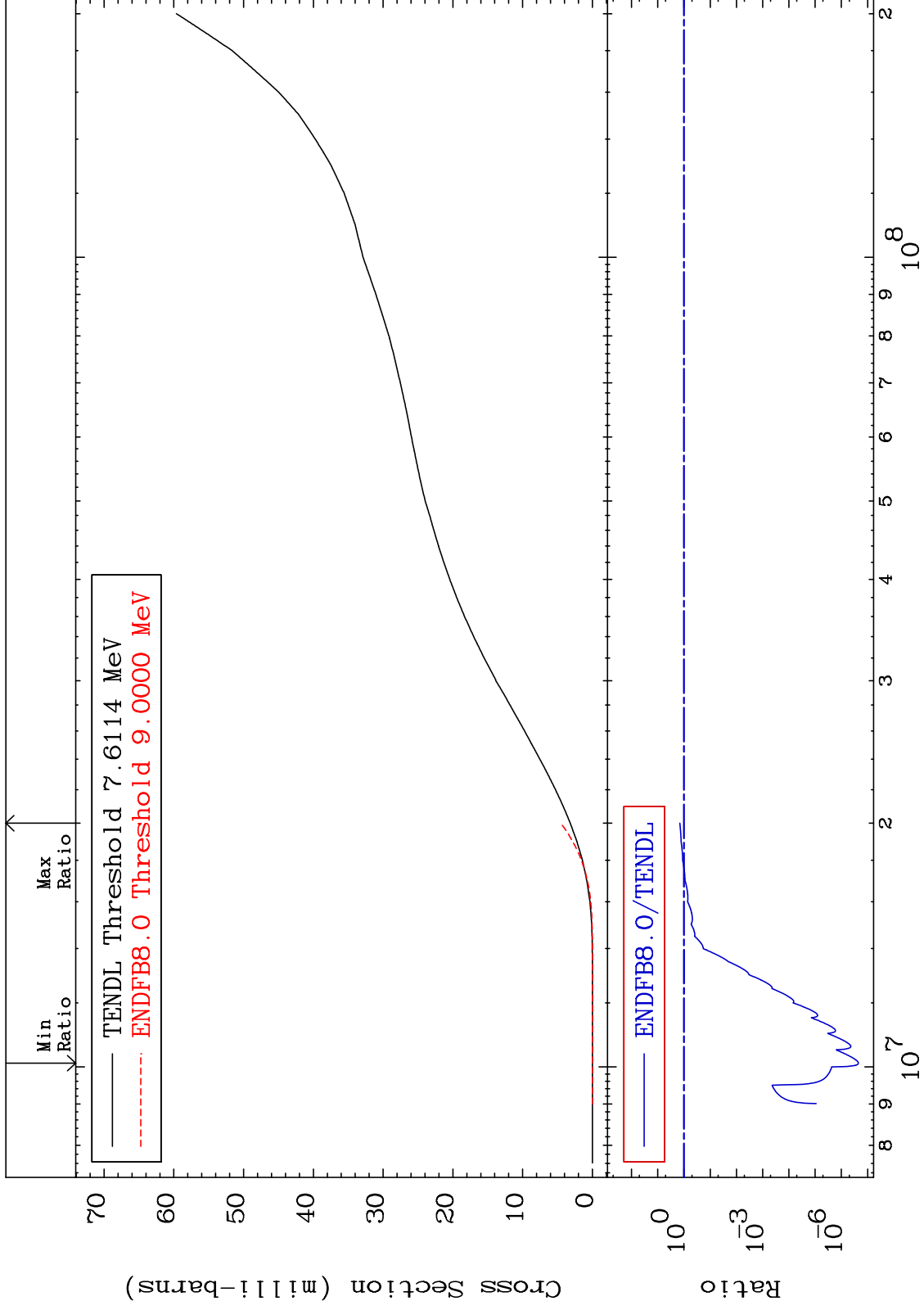
50-Sn-115  
-100.0 To 92.22 %



MAT 5034

Tritium Production  
Cross Section

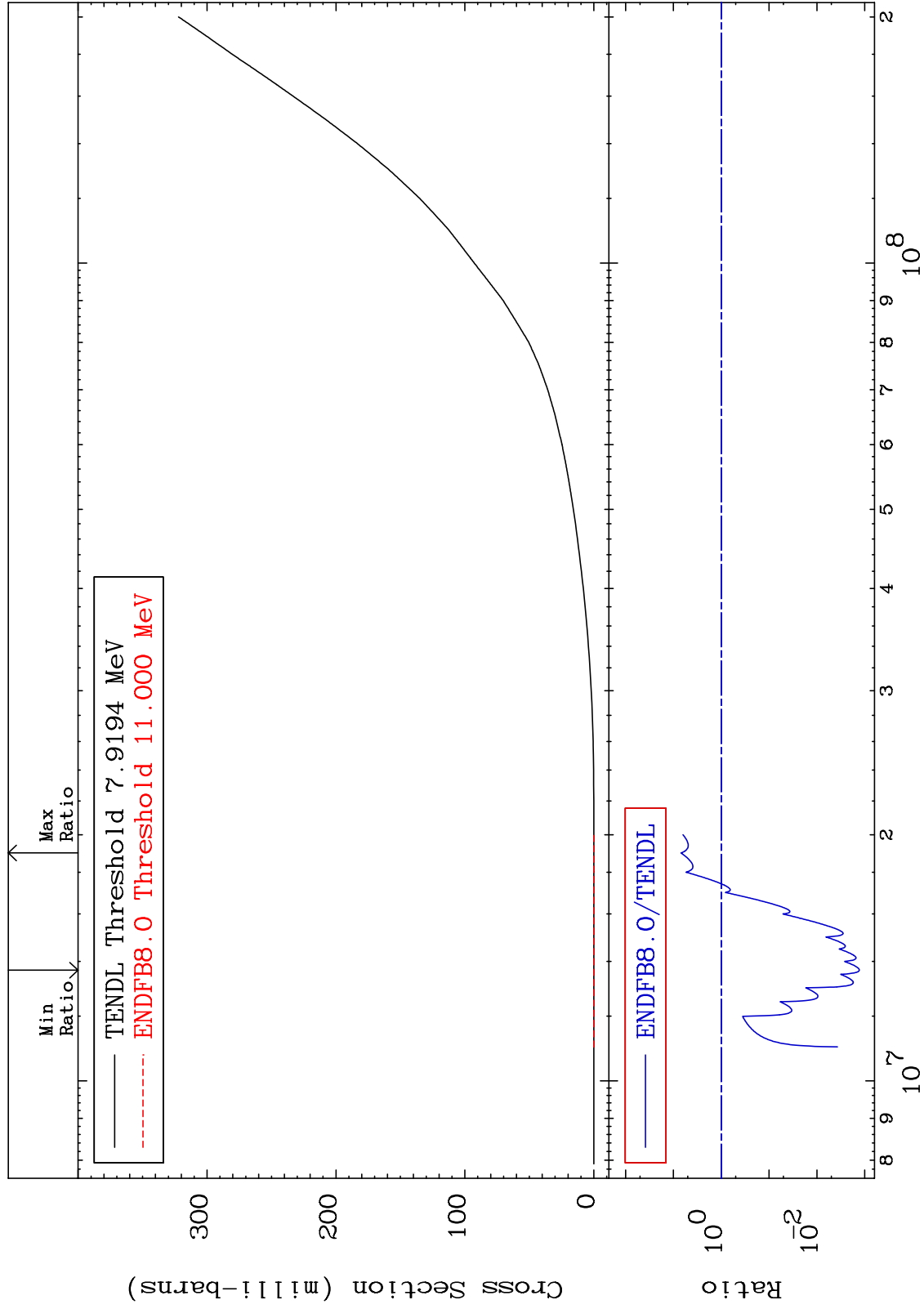
50-Sn-115  
-100.0 To 43.95 %



MAT 5034

He-3 Production  
Cross Section

50-Sn-115  
-99.87 To 593.1 %



35

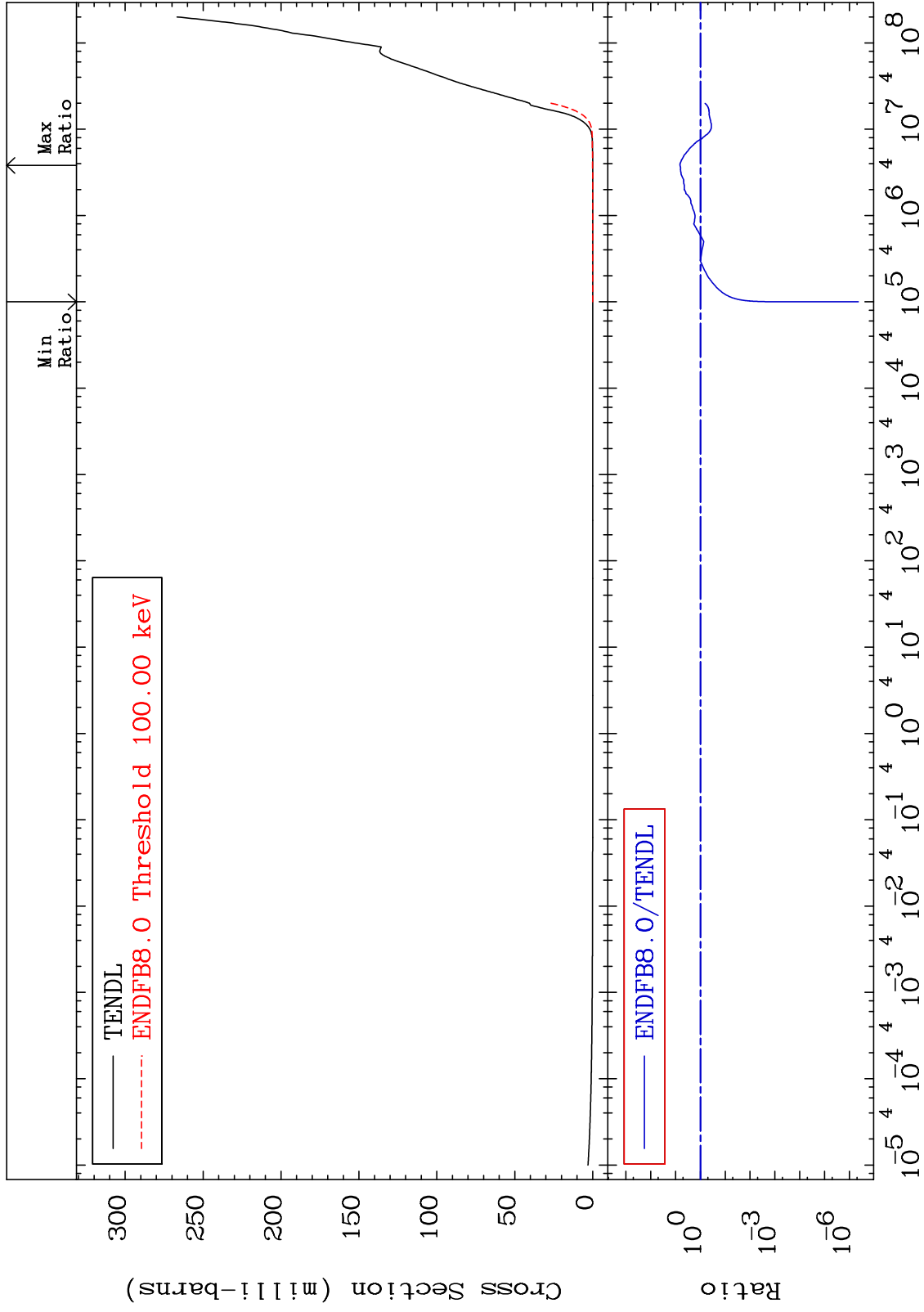
Incident Energy (eV)

50-Sn-115

MAT 5034

He-4 Production  
Cross Section

50-Sn-115  
-100.0 To 558.1 %



36

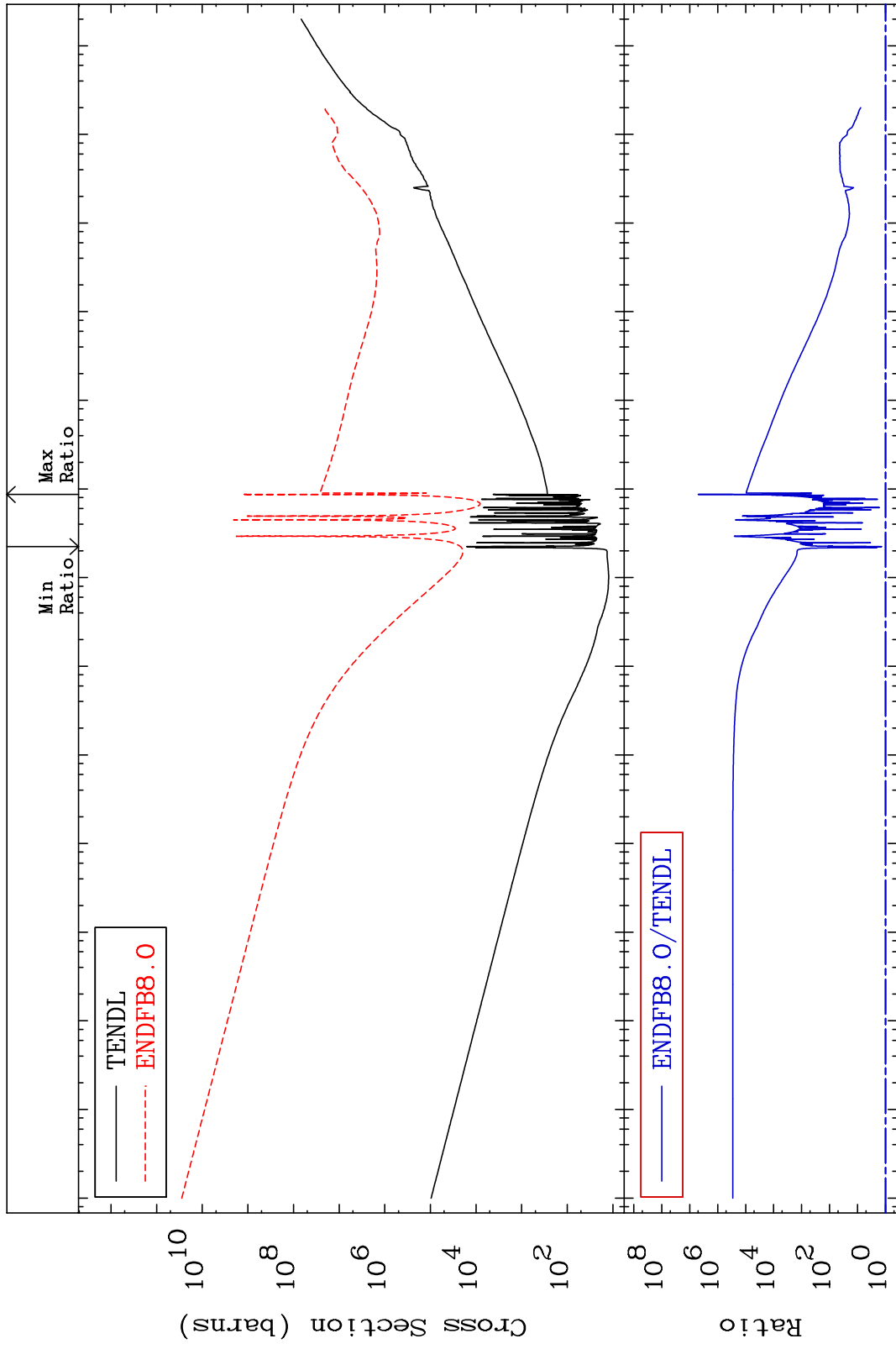
Incident Energy (eV)

50-Sn-115

MAT 5034

Kerma total (eV-barns)  
Cross Section

50-Sn-115  
38.70 To 9999. %

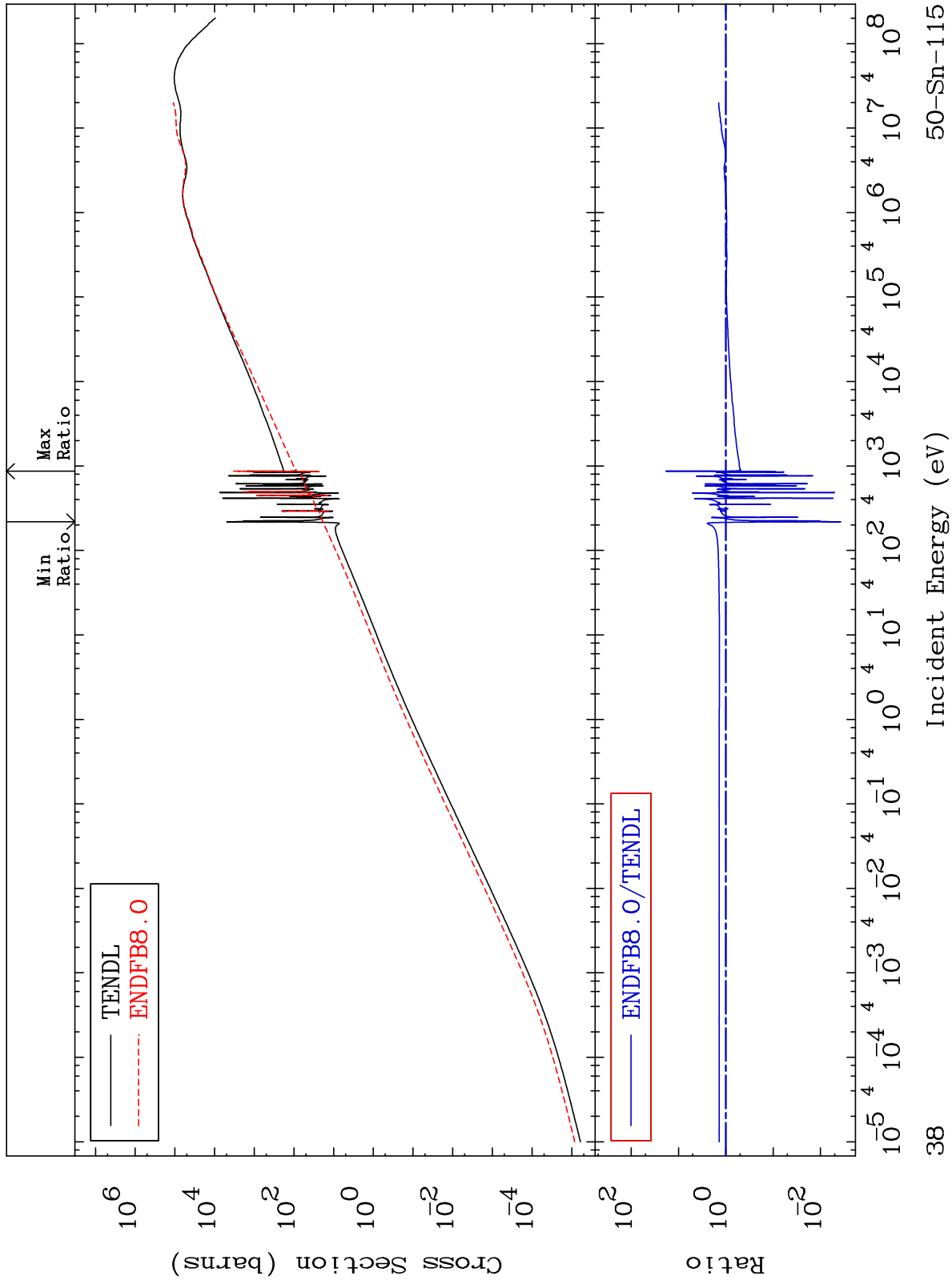


Incident Energy (eV) 50-Sn-115

MAT 5034

Kerma elastic  
Cross Section

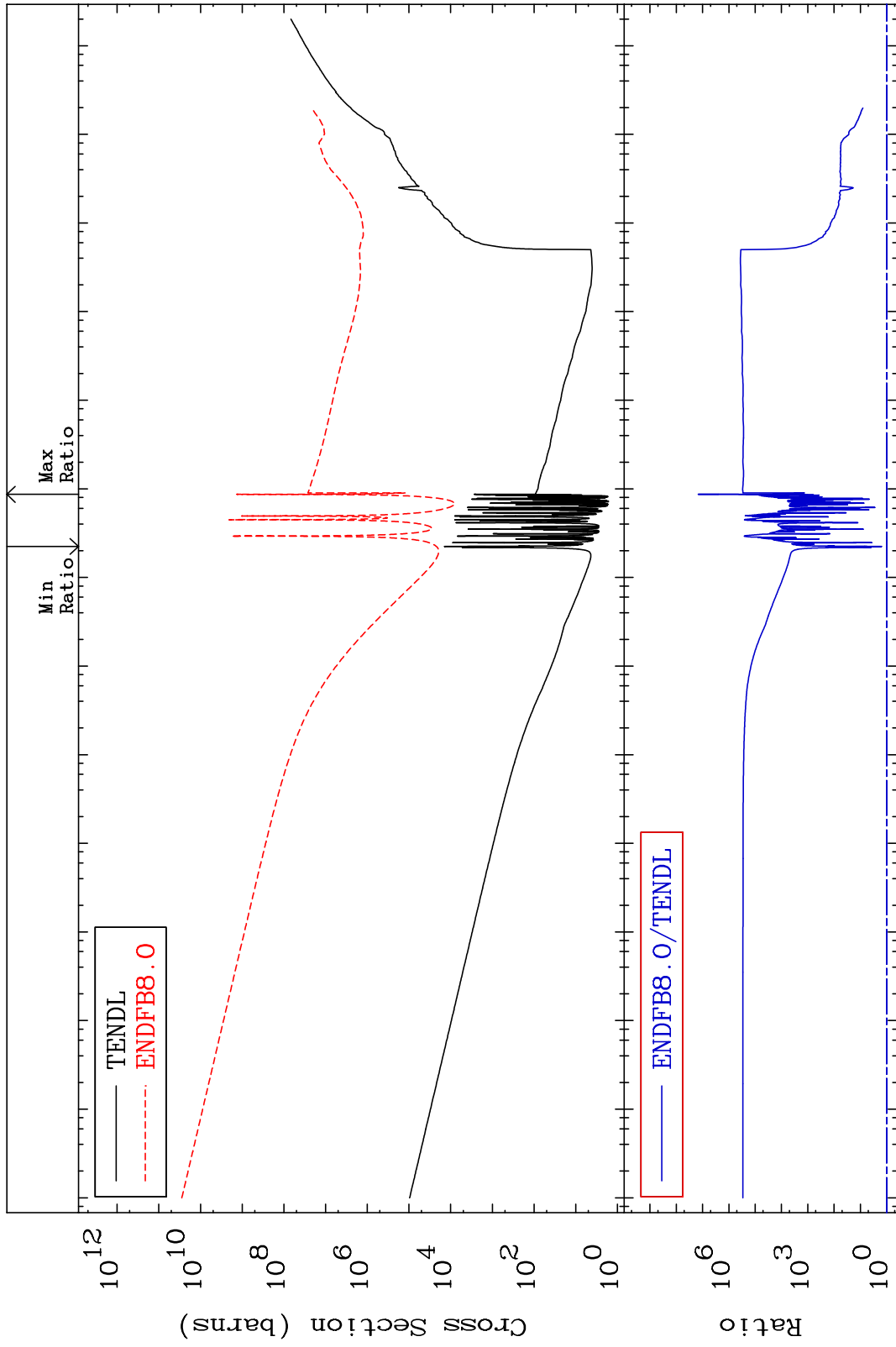
50-Sn-115  
-99.62 To 1754. %



MAT 5034

Kerma non-elastic (all but mt2)  
Cross Section

57.10 To 9999. %  
50-Sn-115



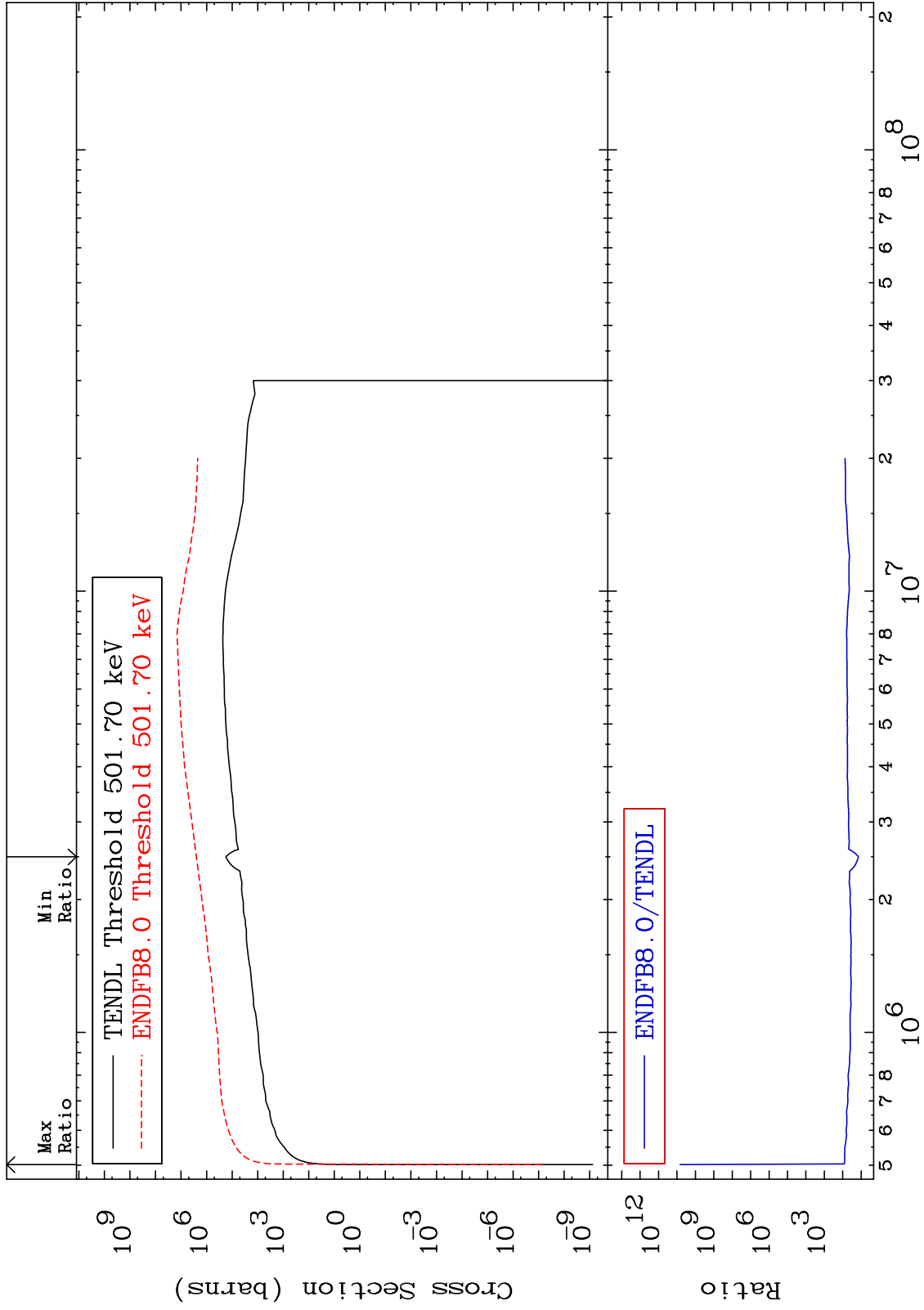
Incident Energy (eV)  
50-Sn-115



MAT 5034

Kerma inelastic (mt51-91)  
Cross Section

50-Sn-115  
1314. To 9999. %



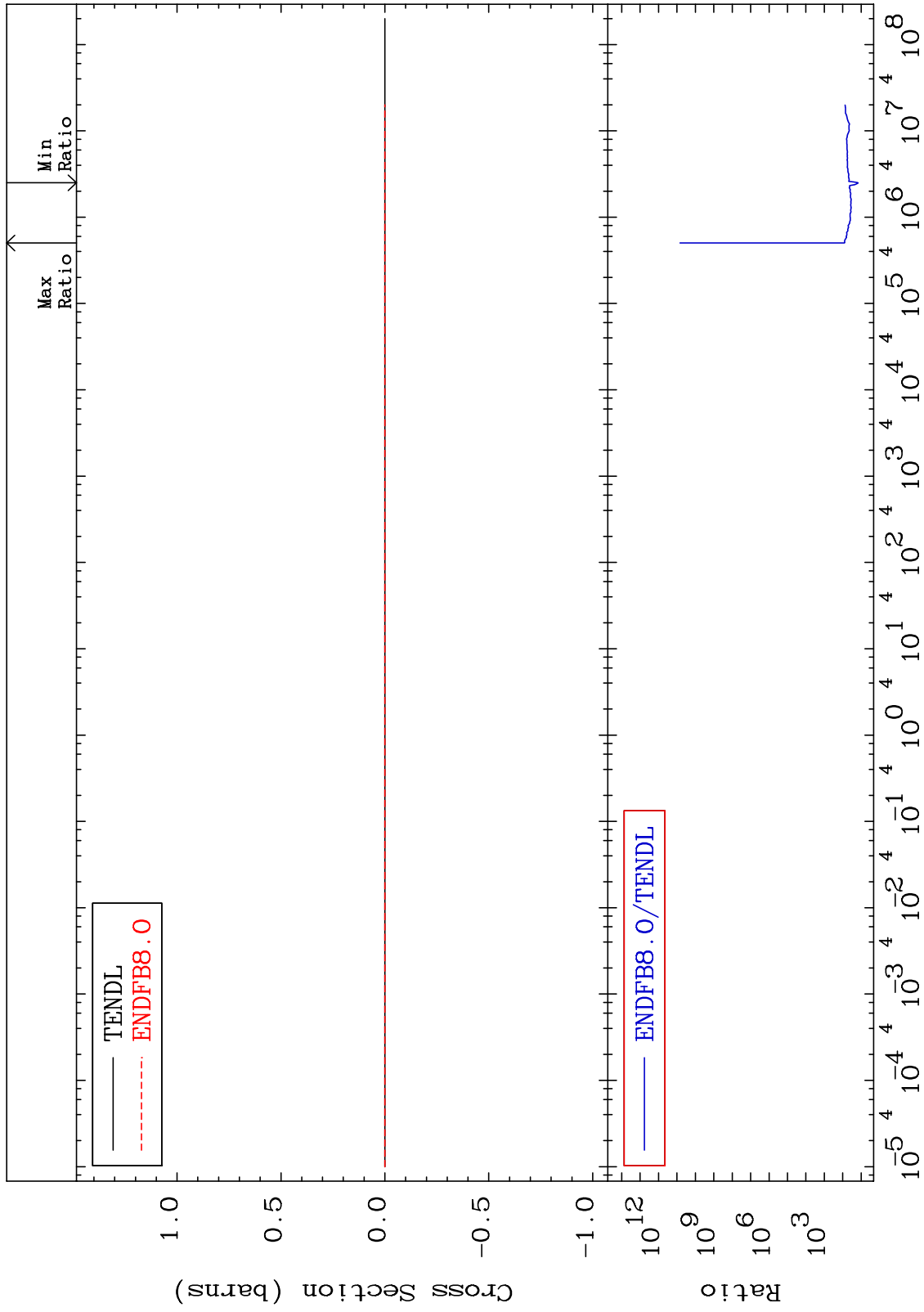
40

50-Sn-115

MAT 5034

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

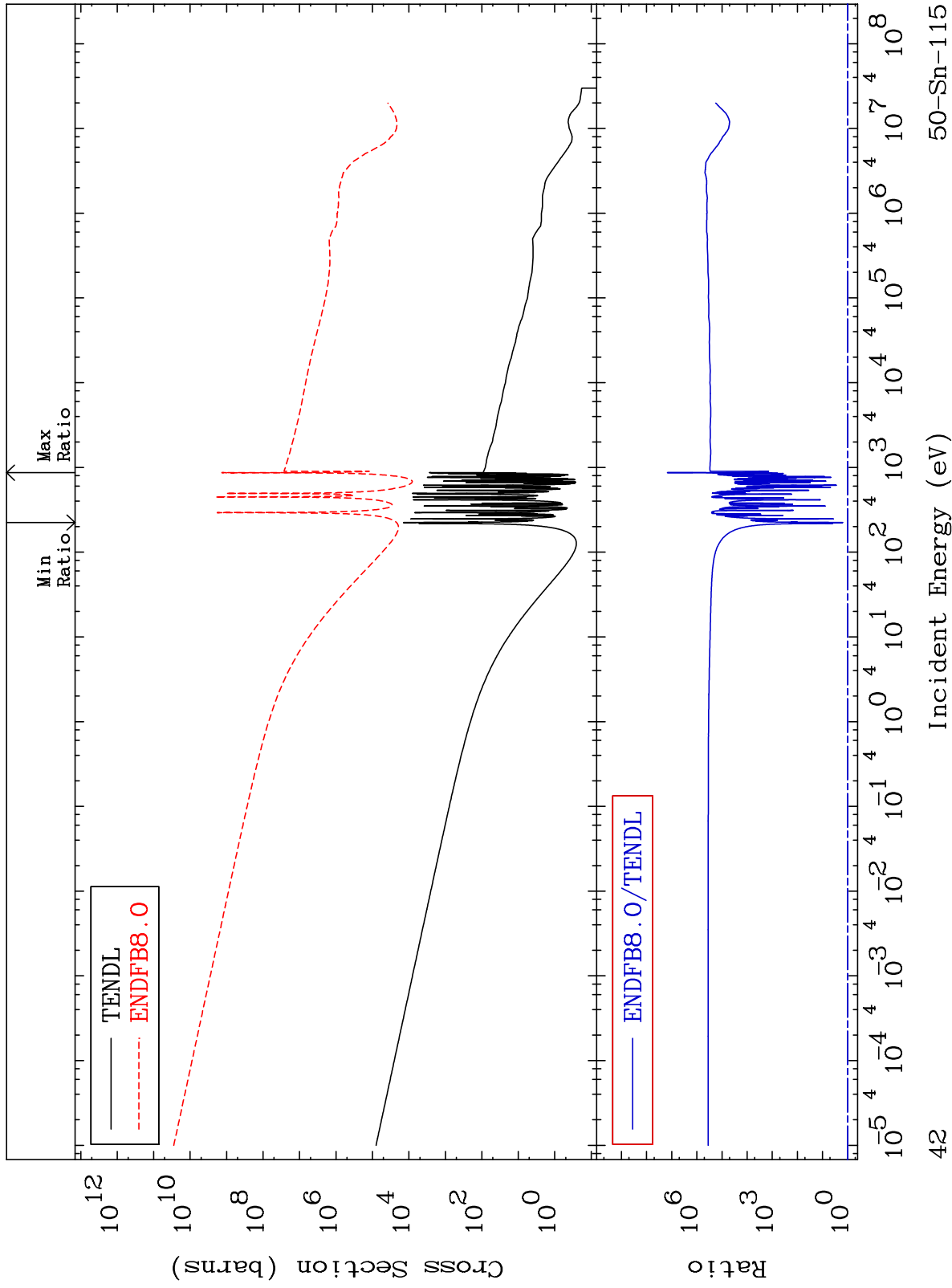
50-Sn-115  
1314. To 9999. %



MAT 5034

Kerma capture (mt102)  
Cross Section

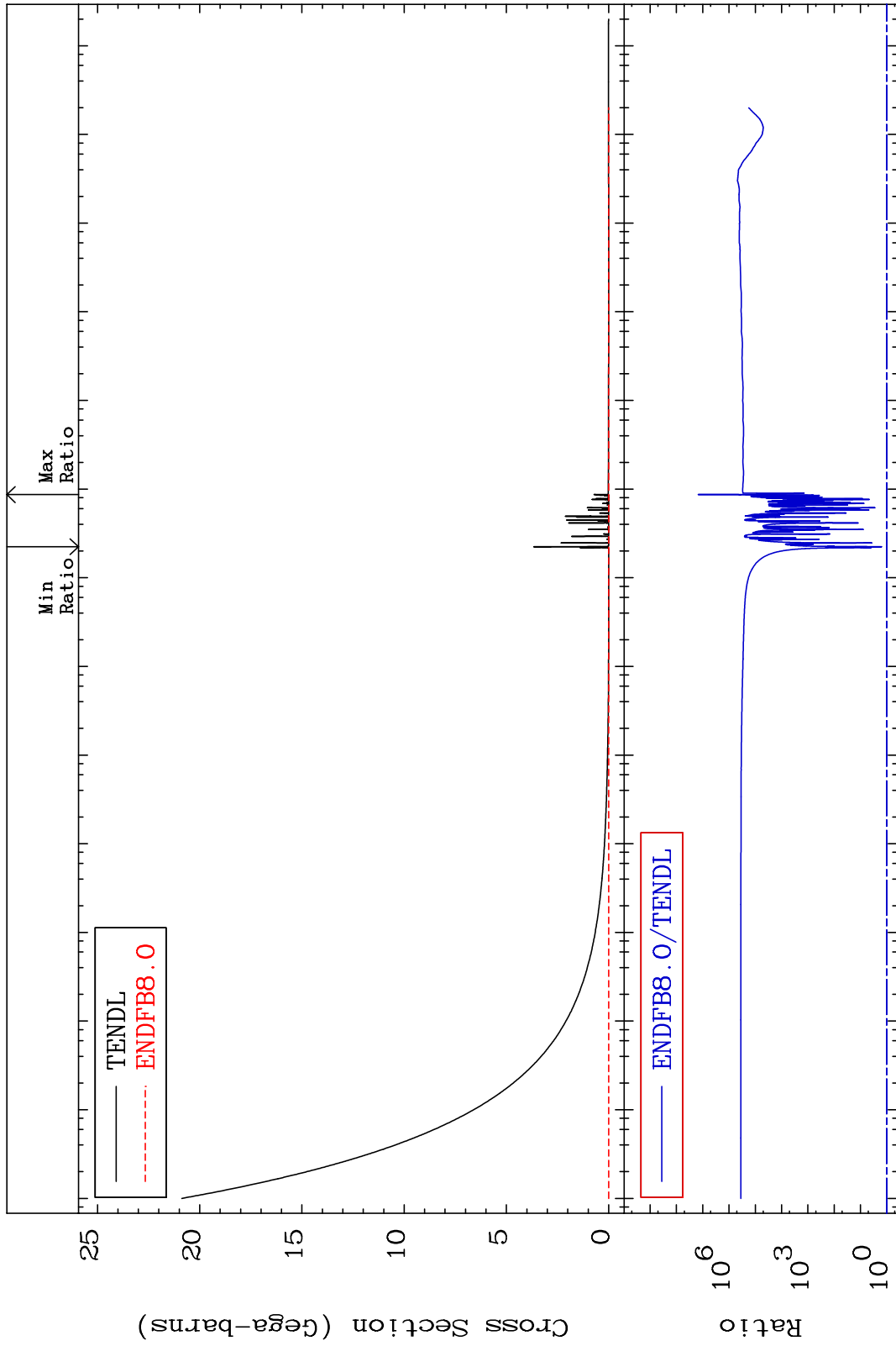
50-Sn-115  
57.13 To 9999. %



MAT 5034

Total photon (eV-barns)  
Cross Section

50-Sn-115  
57.13 To 9999. %



43

Incident Energy (eV)

50-Sn-115

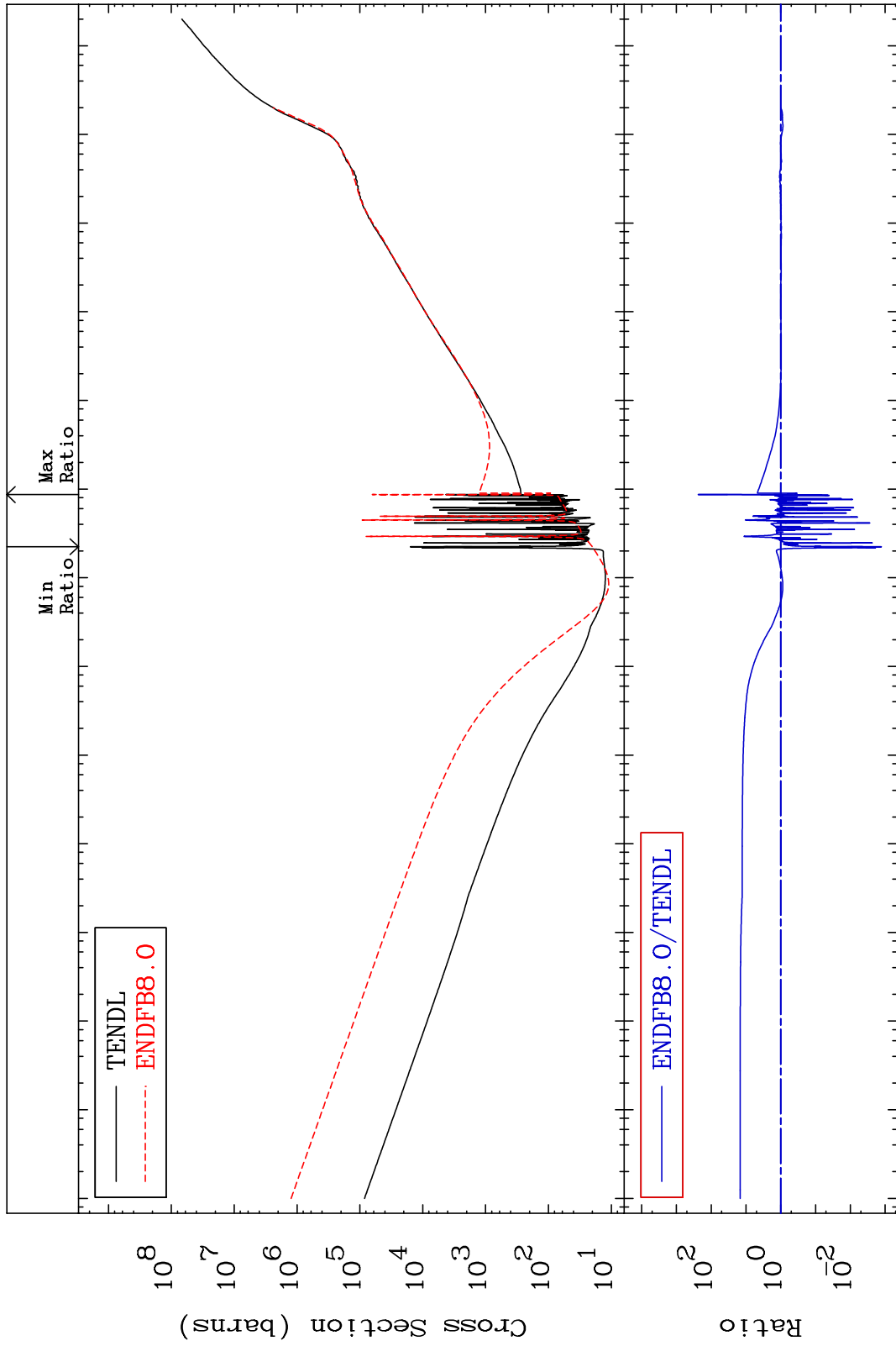
MAT 5034

Total kinematic kerma (high limit)

50-Sn-115

-99.87 To 9999. %

Cross Section



Incident Energy (eV) 50-Sn-115

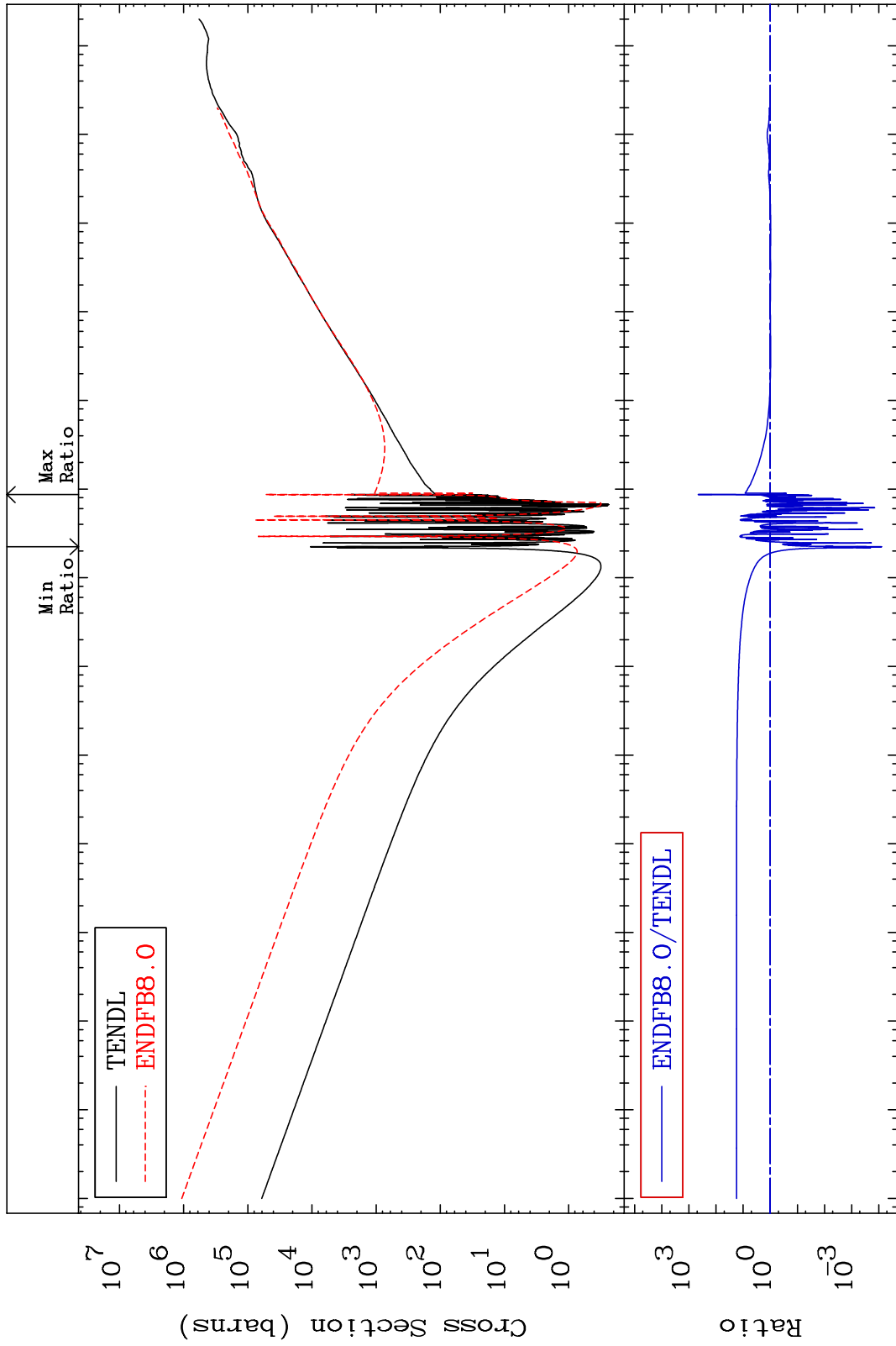
MAT 5034

Dpa total (eV-barns)

50-Sn-115

-99.99 To 9999. %

Cross Section



45

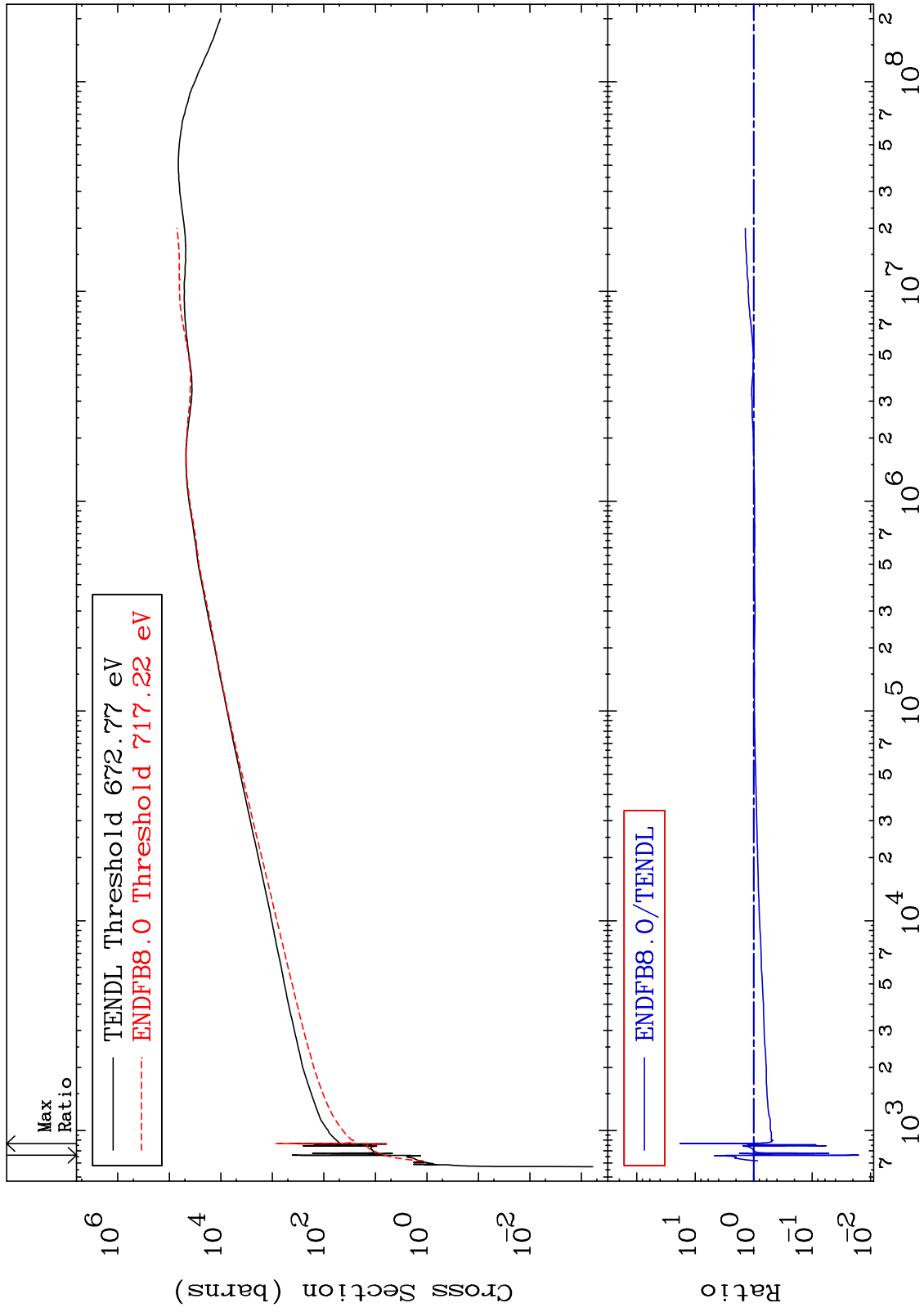
Incident Energy (eV)

50-Sn-115

MAT 5034

Dpa elastic (mt2)  
Cross Section

50-Sn-115  
-98.39 To 1725. %



46

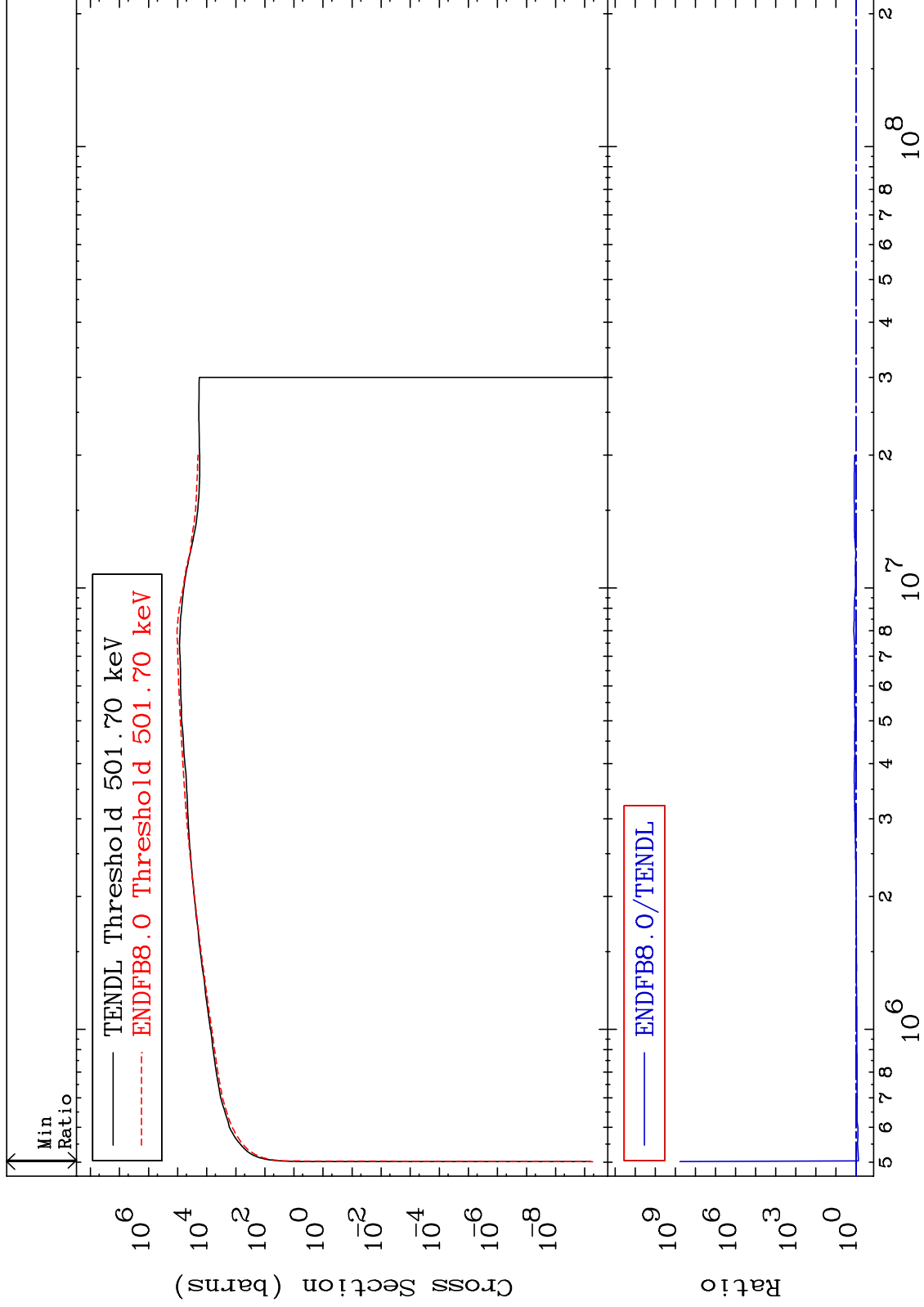
Incident Energy (eV)

50-Sn-115

MAT 5034

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-115  
-25.01 To 9999. %





MAT 5034

Dpa disappearance (mt102 -120)

50-Sn-115

-99.99 To 9999. %

Cross Section

