

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

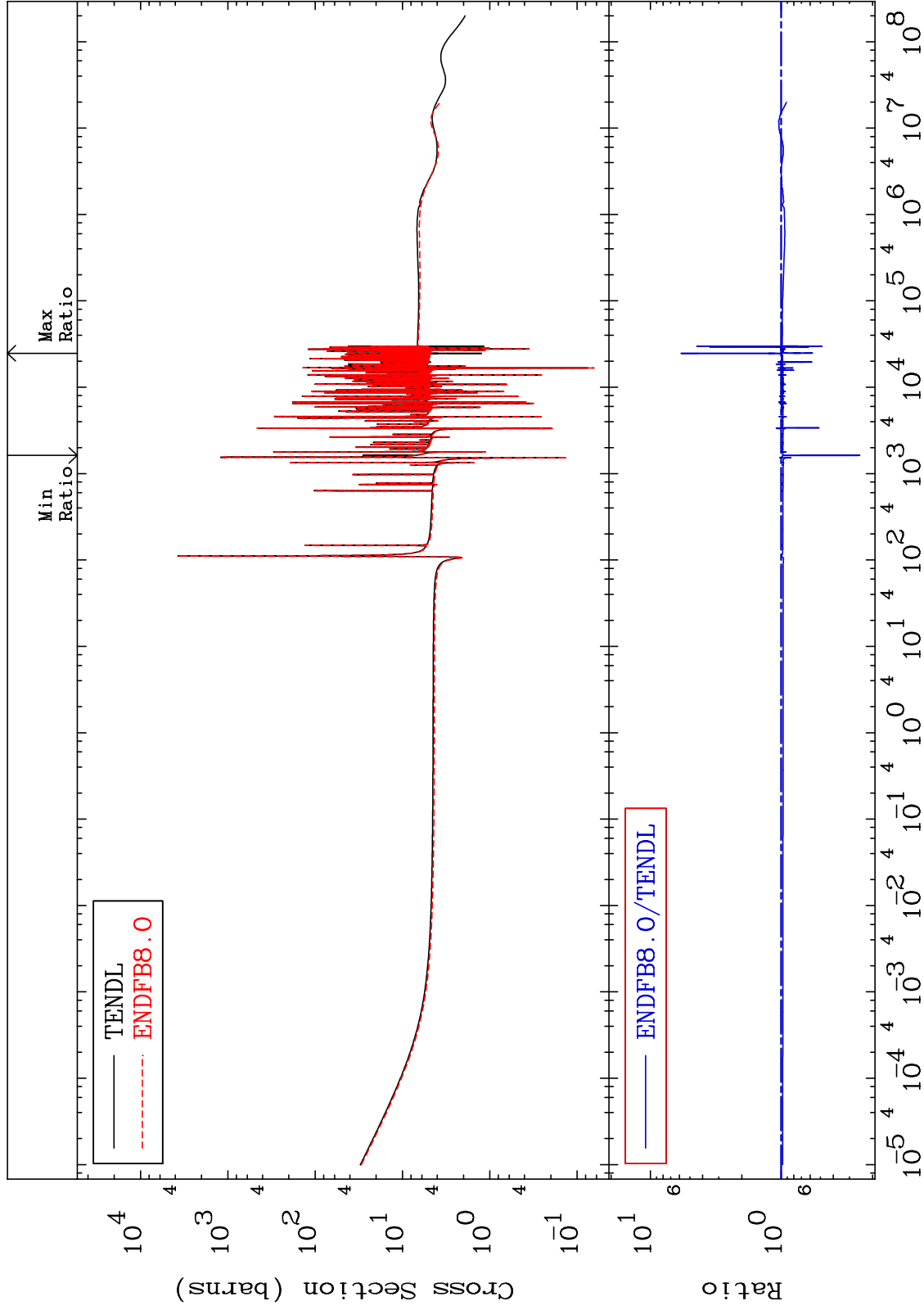
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5037

Total
Cross Section

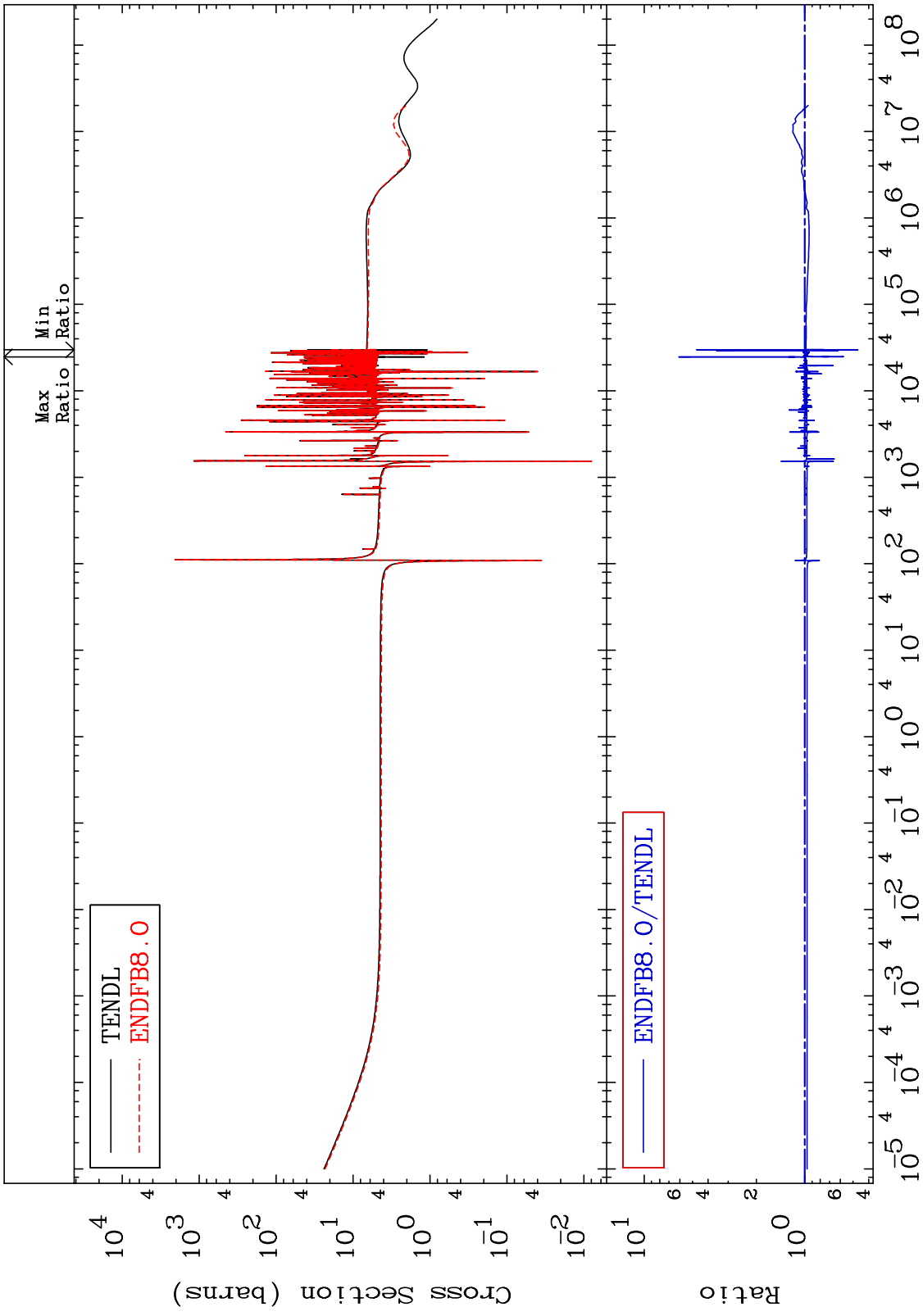
50-Sn-116
-74.94 To 481.3 %



Incident Energy (eV)

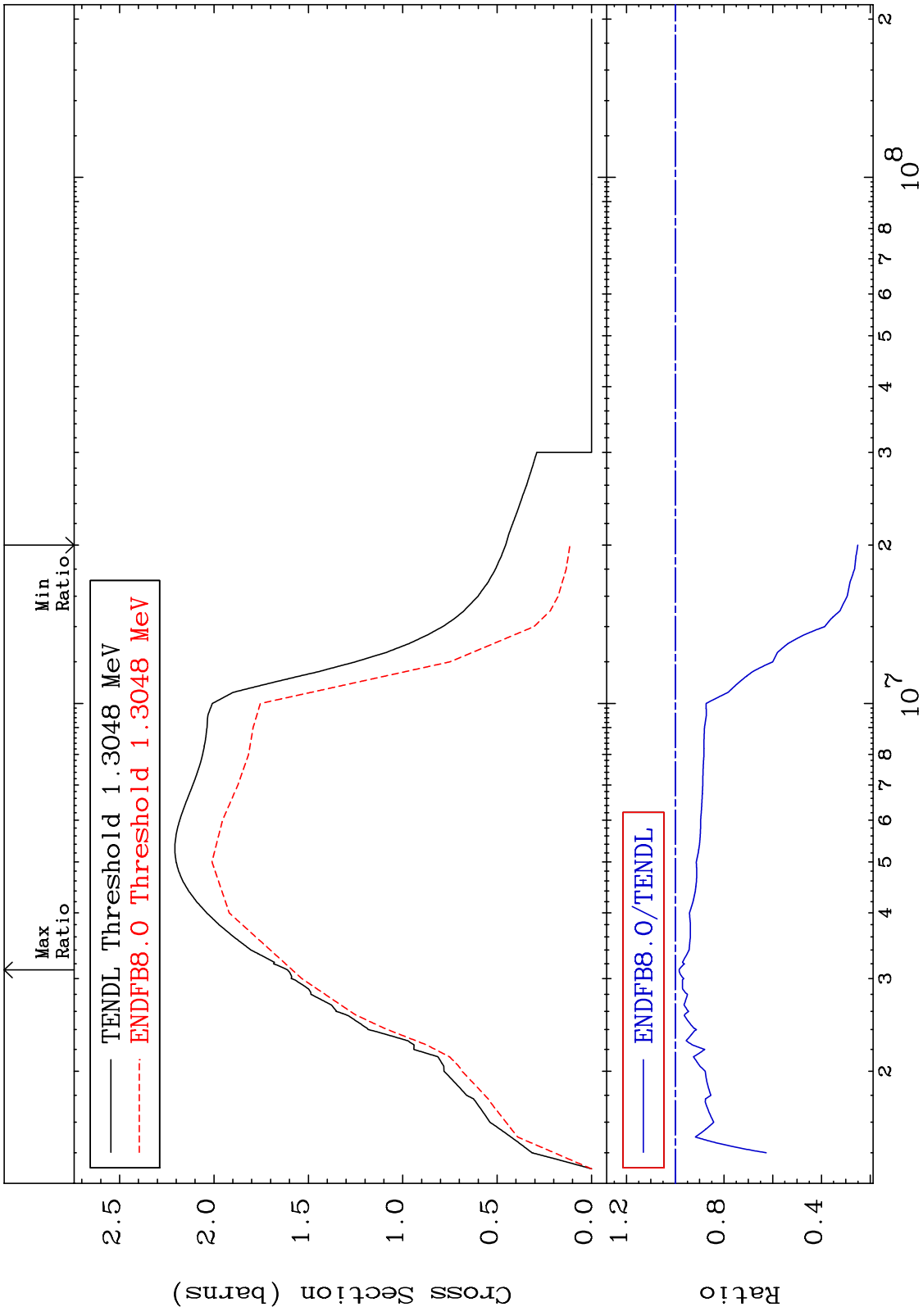
50-Sn-116

MAT 5037 Elastic Cross Section 50-Sn-116 -53.31 To 506.1 %

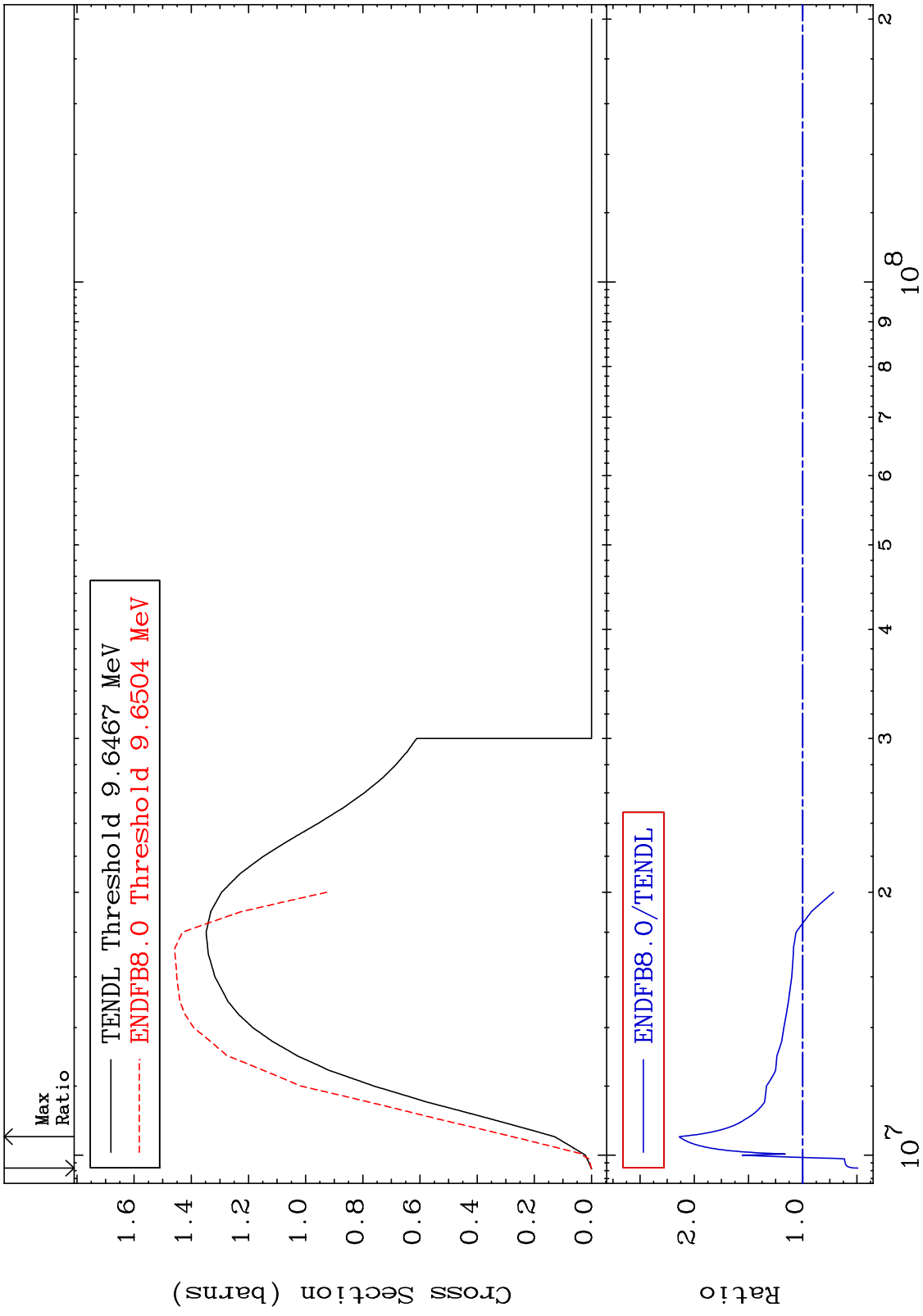


2 50-Sn-116

MAT 5037 50-Sn-116
-74.93 To -1.568%

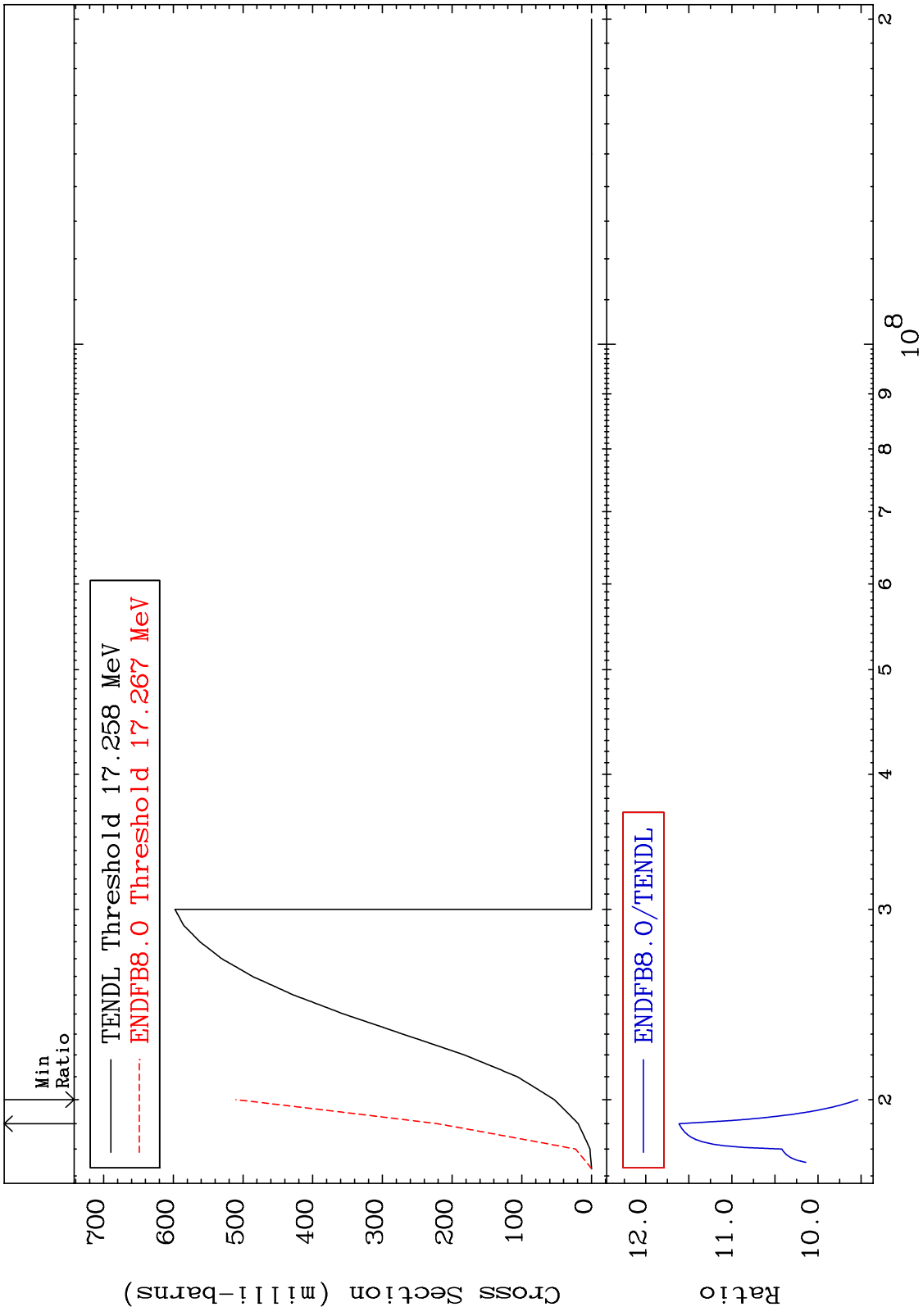


MAT 5037 (n,2n) Cross Section 50-Sn-116 -50.86 To 114.1 %



4 Incident Energy (eV) 50-Sn-116

MAT 5037 (n,3n) Cross Section 50-Sn-116 To 1061. %
 853.8



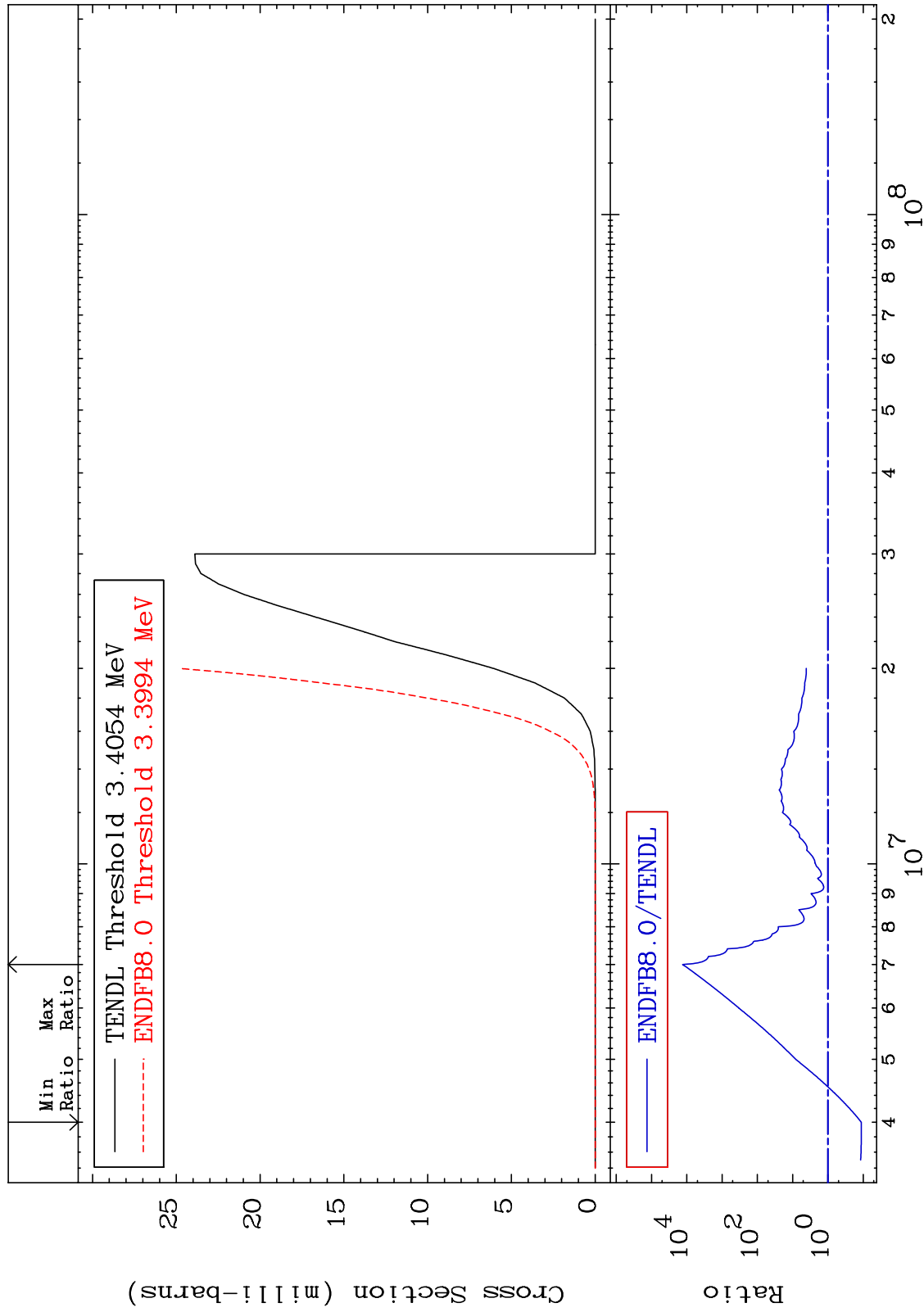
MAT 5037

(n,n') α

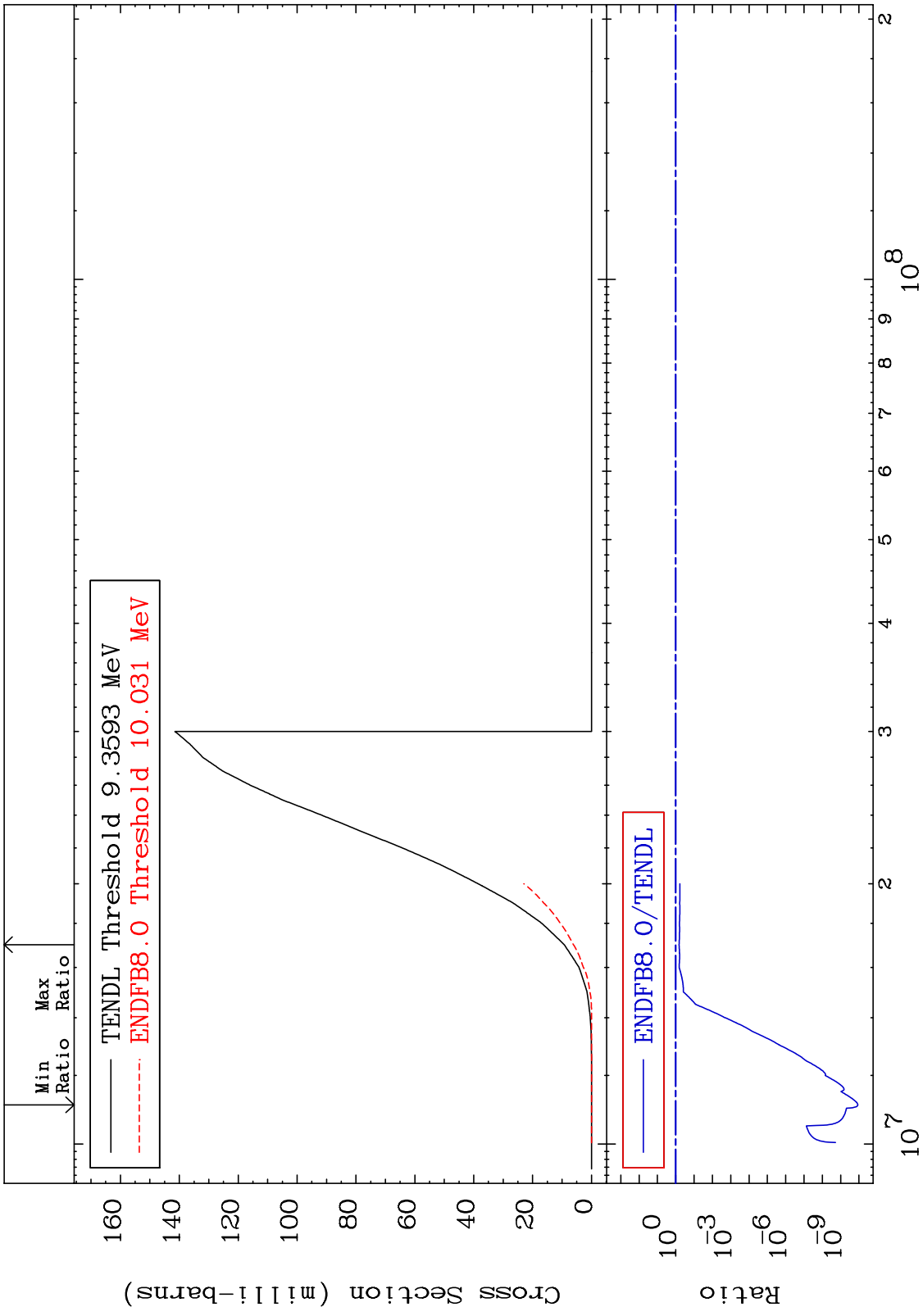
50-Sn-116

Cross Section

-88.74 To 9999. %

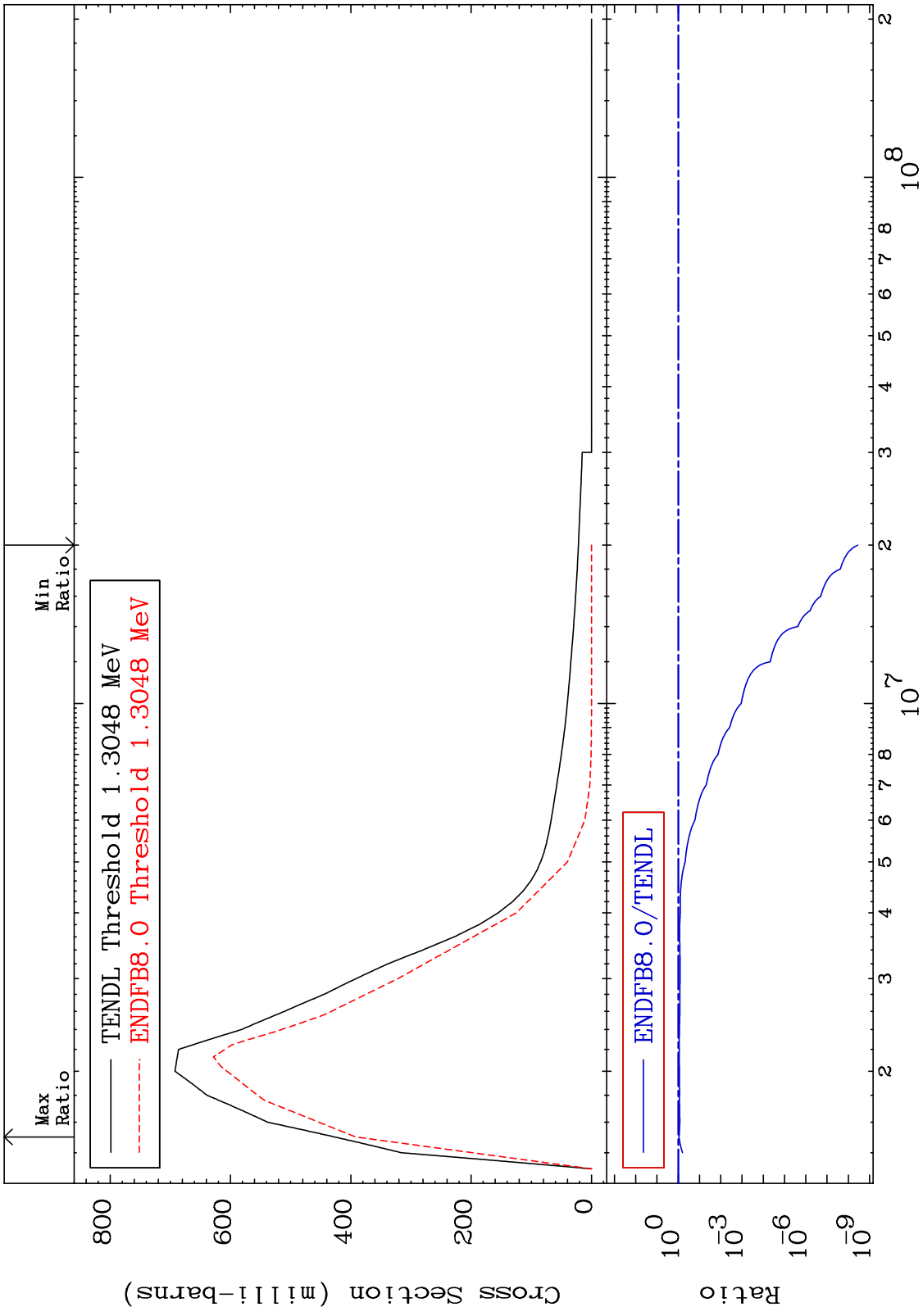


MAT 5037 (n,n') p 50-Sn-116
 Cross Section -100.0 To -33.84%



Incident Energy (eV) 50-Sn-116

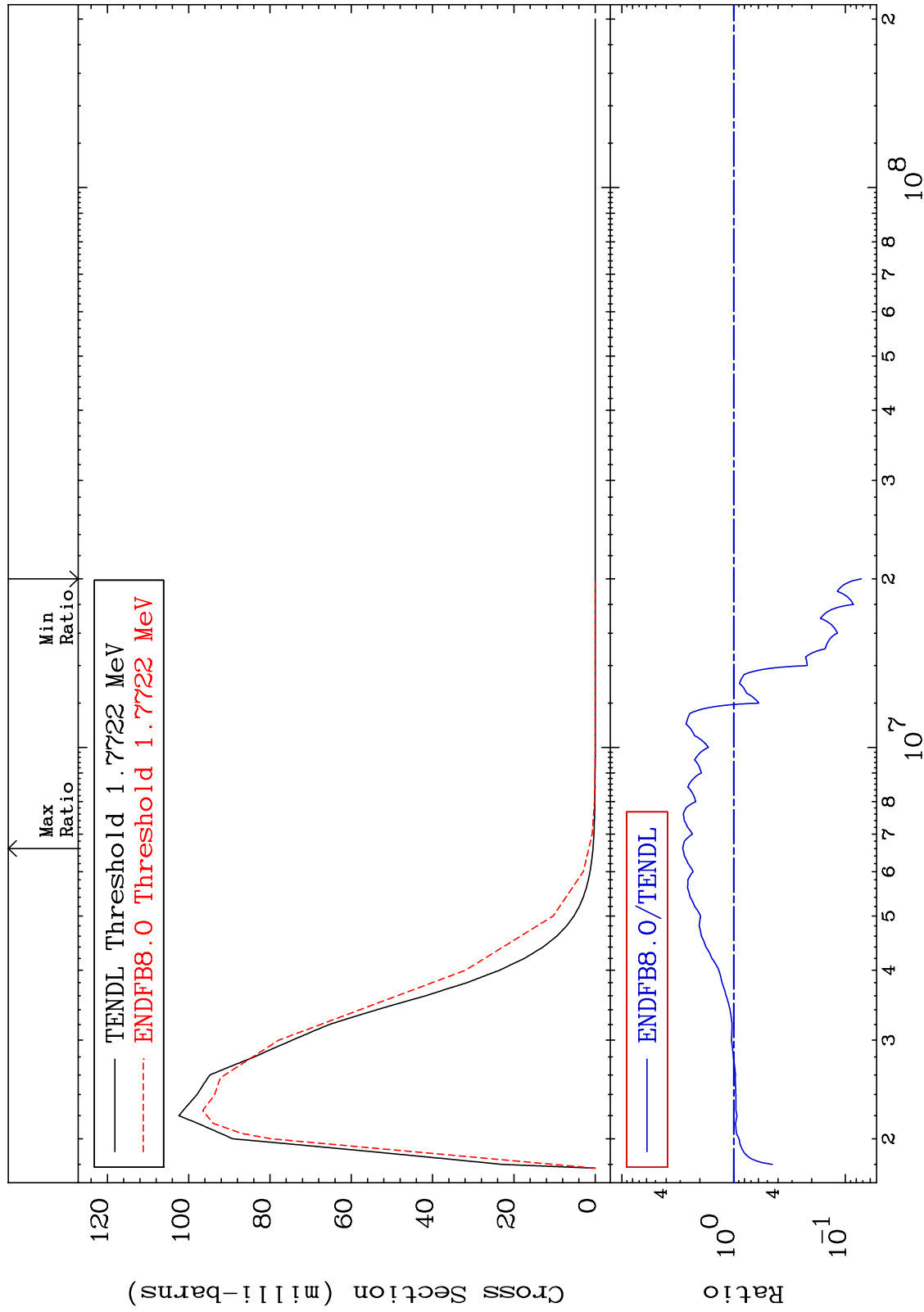
MAT 5037 MT= 51 (n,n') Level Cross Section 50-Sn-116 -100.0 To -8.249%



MAT 5037

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

50-Sn-116
-92.79 To 185.5 %



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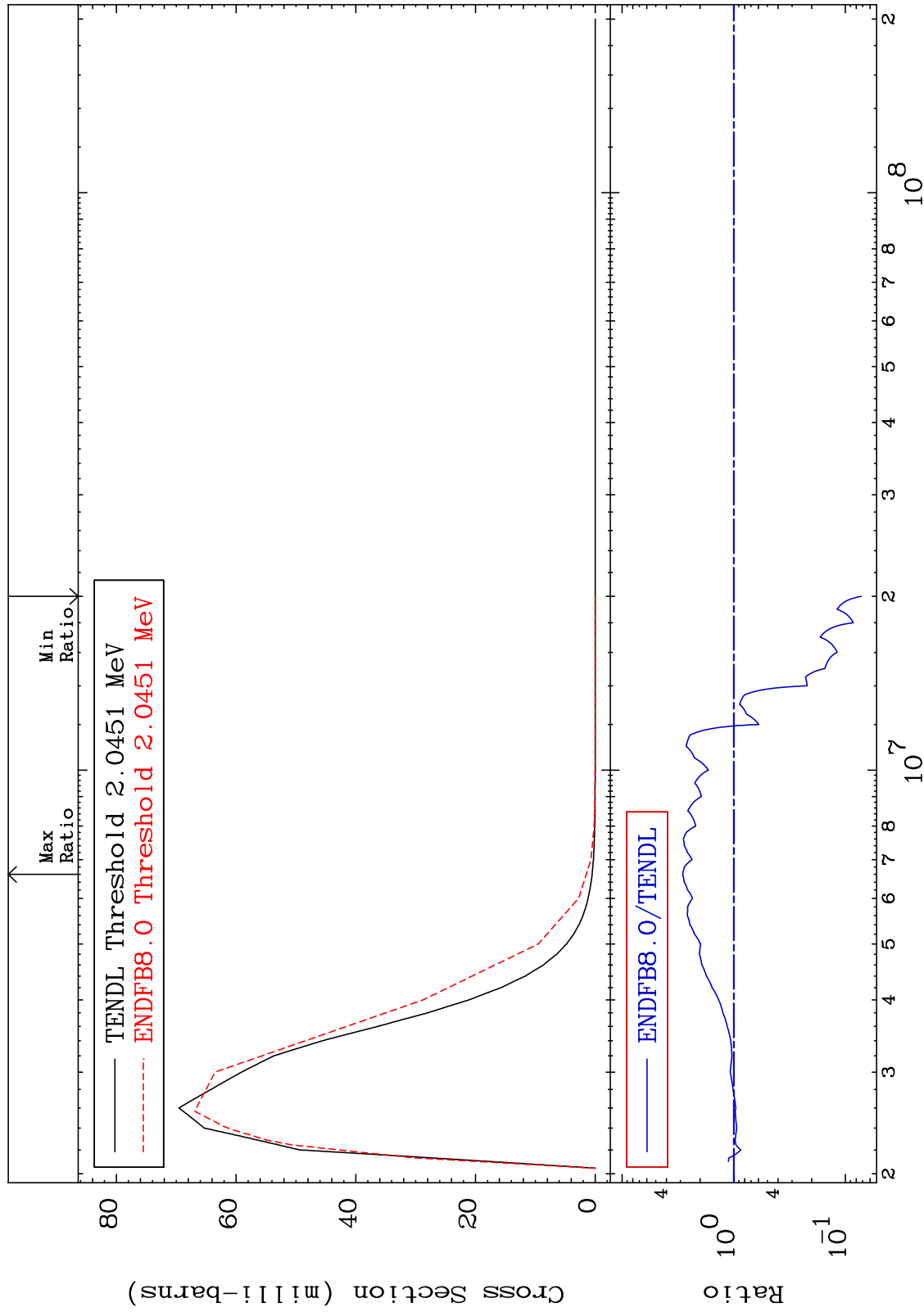
Incident Energy (eV)

50-Sn-116

MAT 5037

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

50-Sn-116
-92.81 To 186.5 %

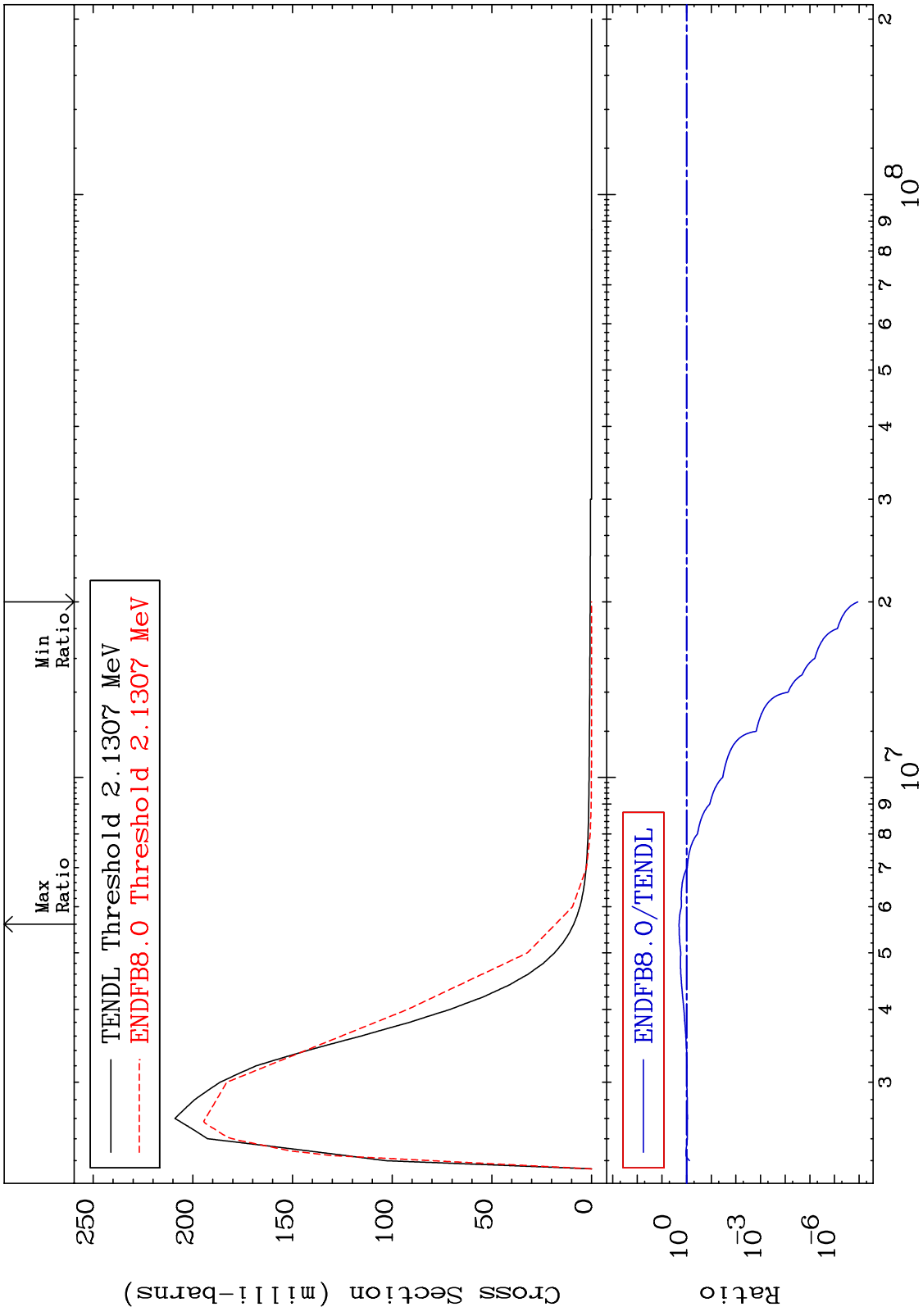


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Incident Energy (eV)

50-Sn-116

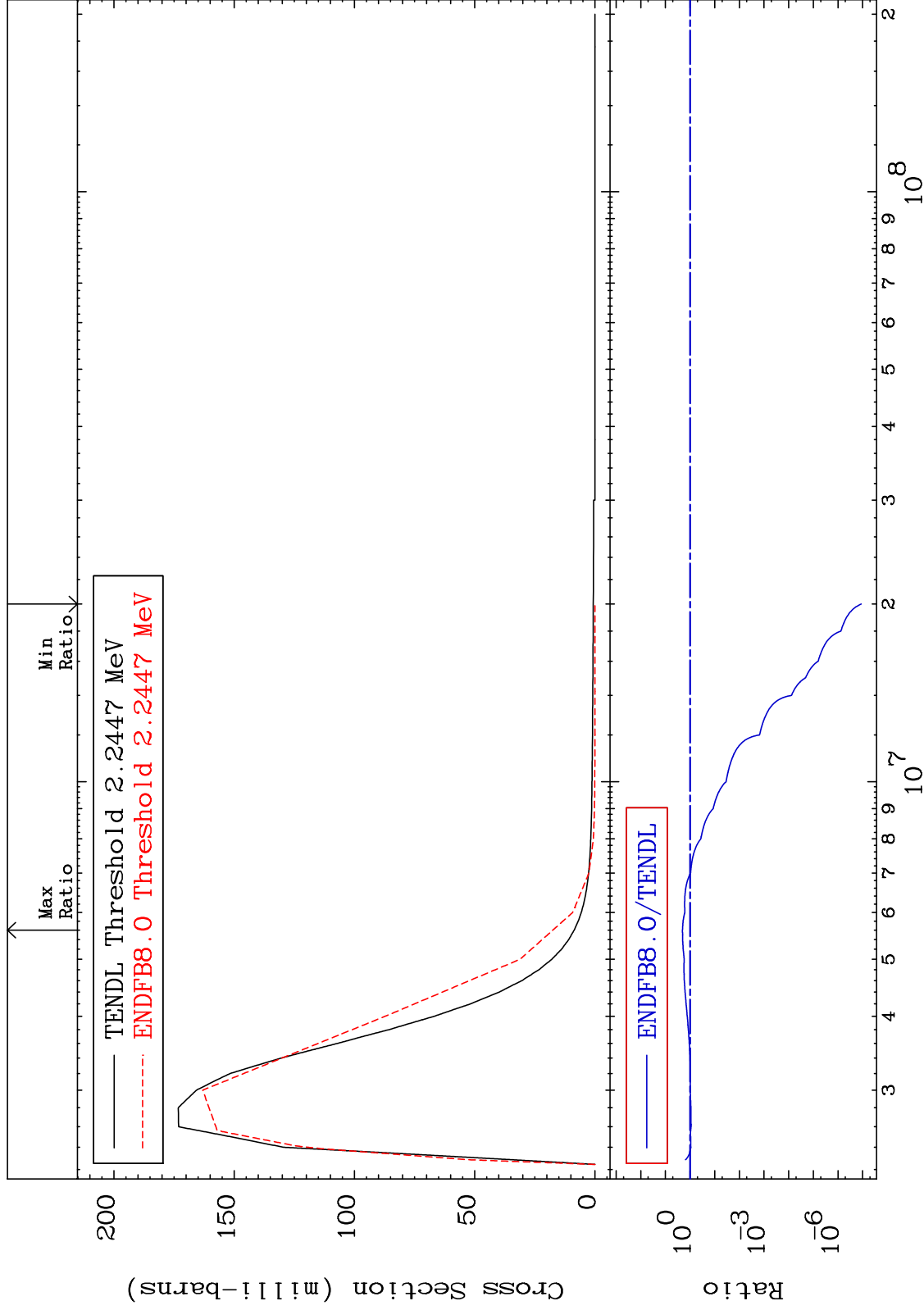
MAT 5037 MT= 54 (n,n') Level Cross Section 50-Sn-116 -100.0 To 102.8 %



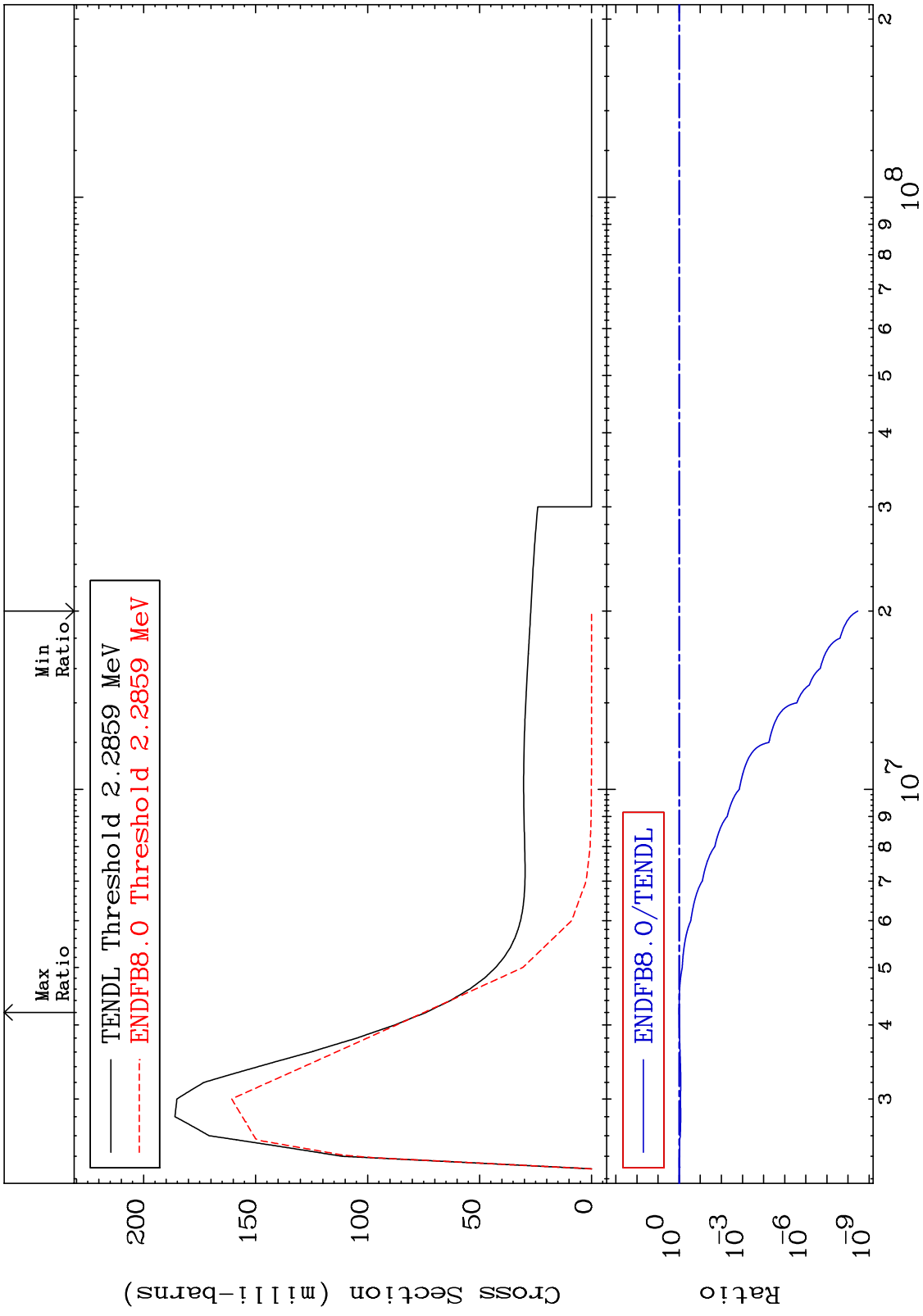
MAT 5037

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

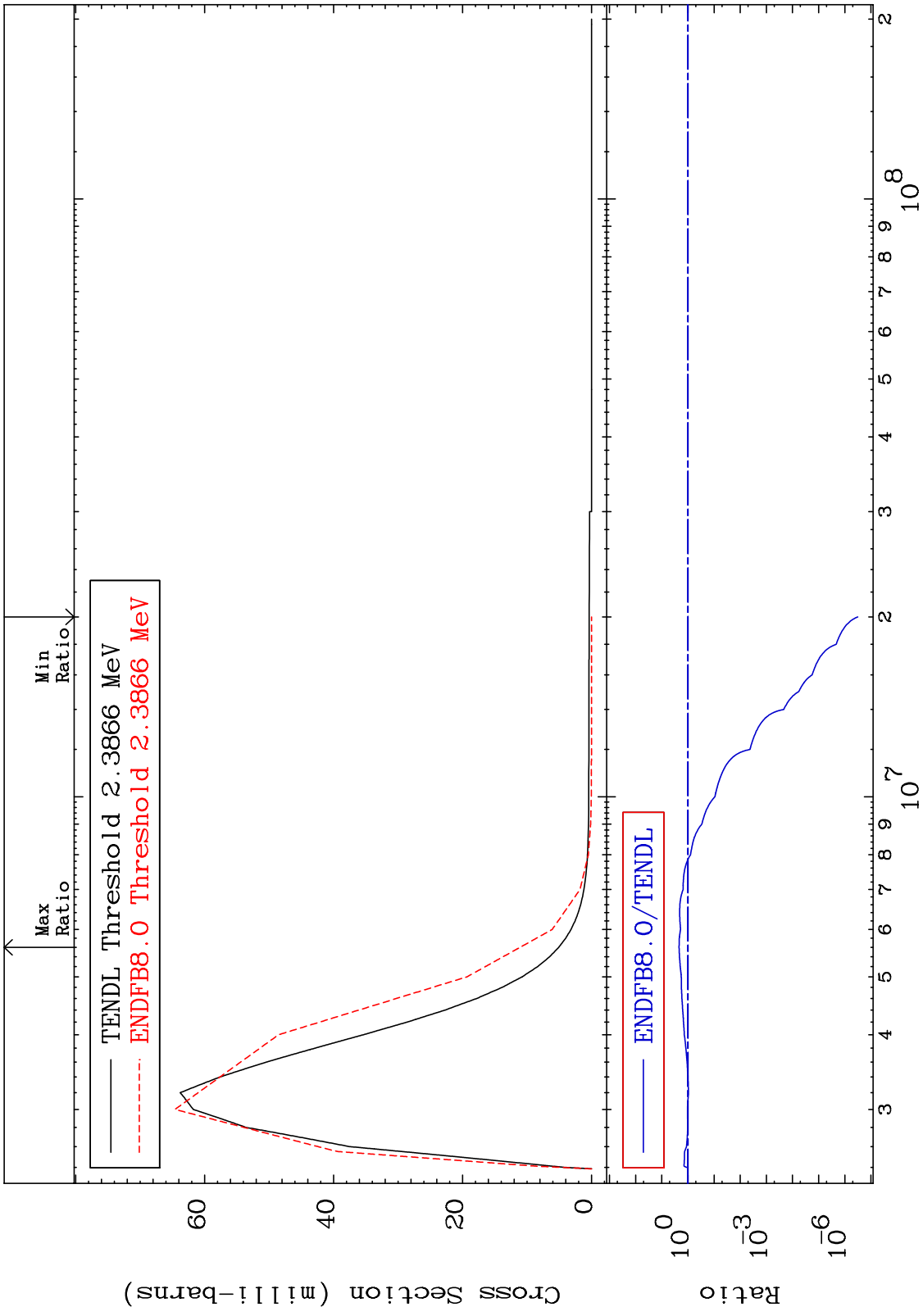
50-Sn-116
-100.0 To 103.1 %



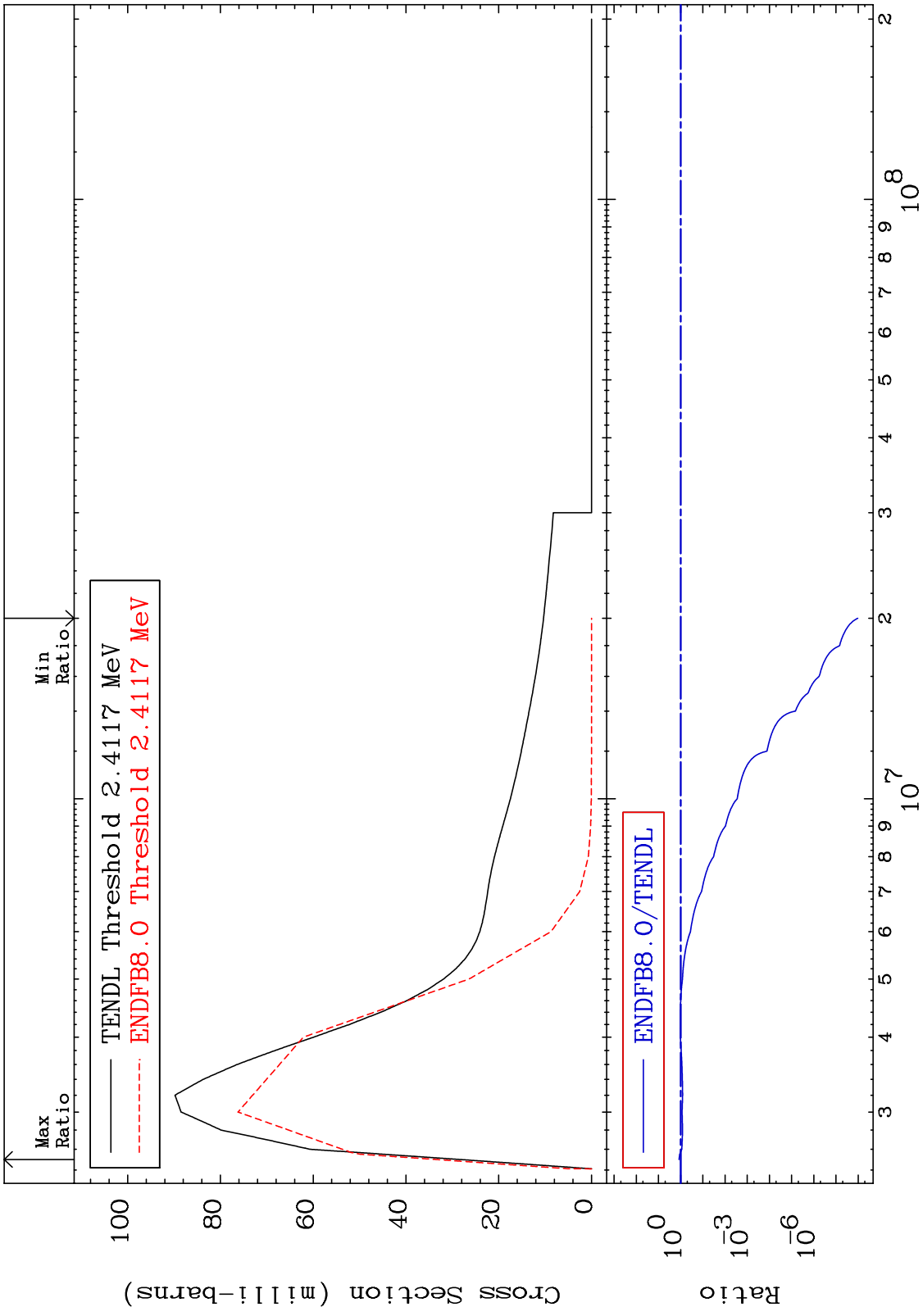
MAT 5037 MT= 56 (n,n') Level Cross Section 50-Sn-116
 -100.0 To 1.170 %



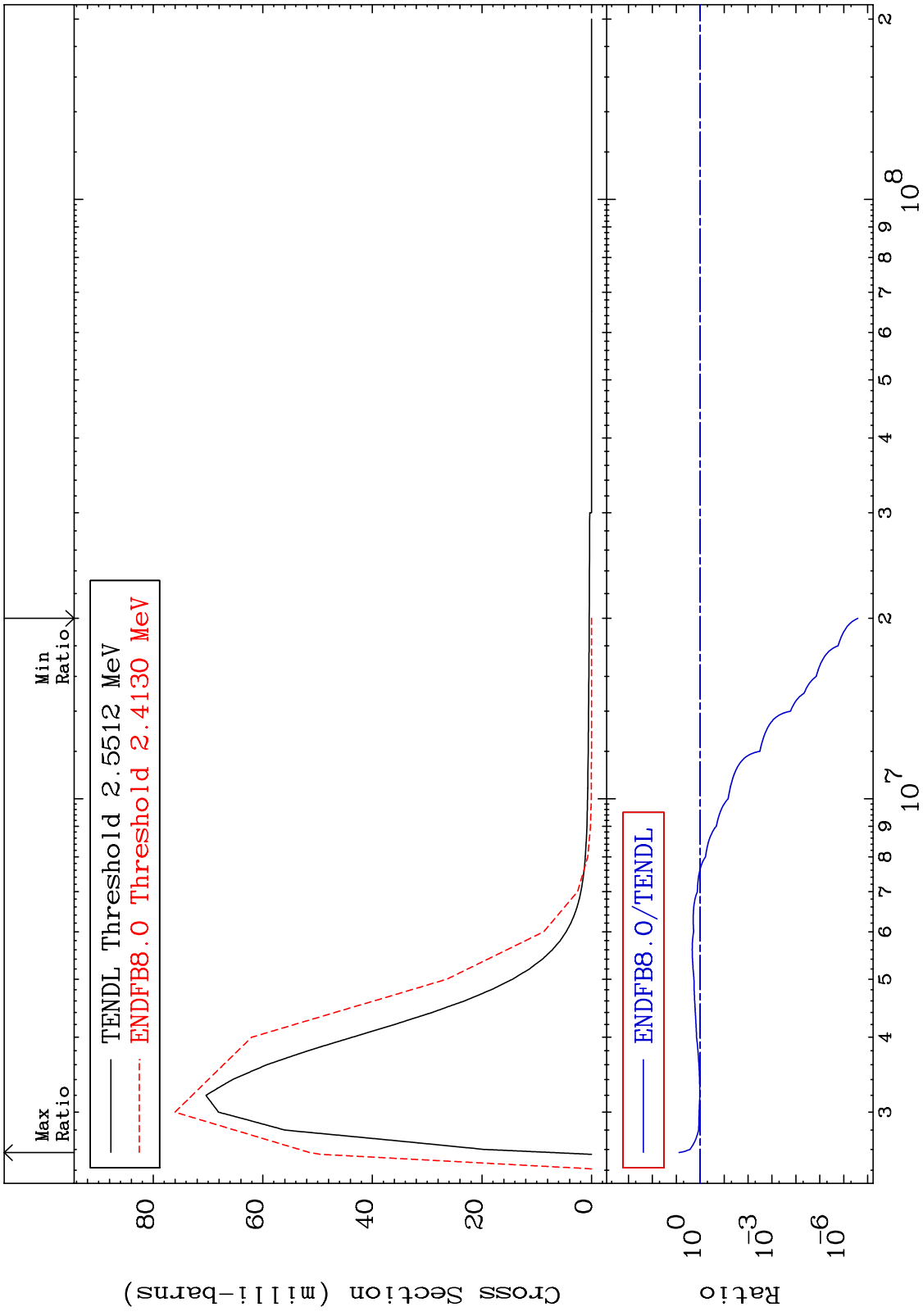
MAT 5037 MT= 57 (n,n') Level Cross Section 50-Sn-116 -100.0 To 118.2 %



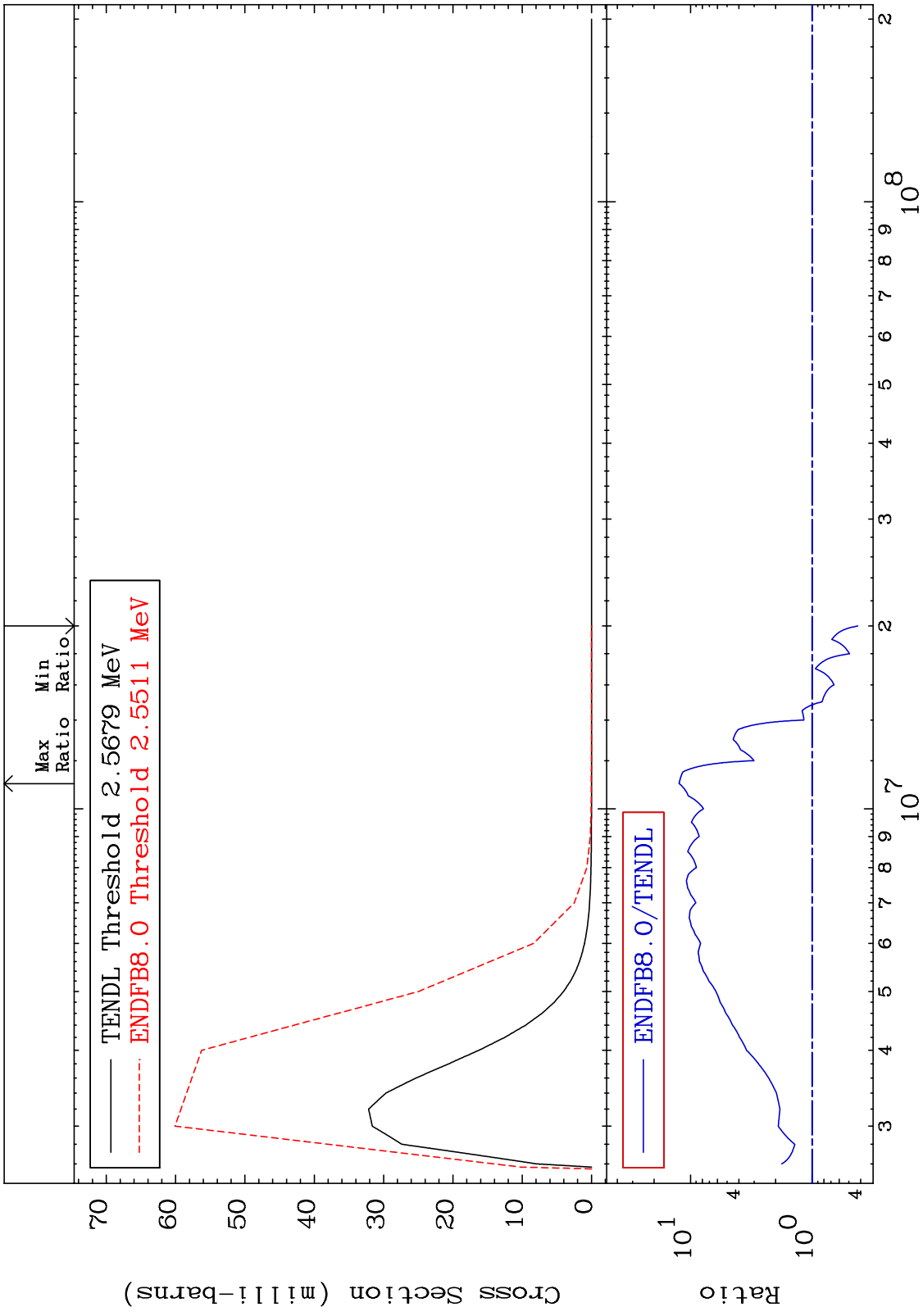
MAT 5037 MT= 58 (n,n') Level Cross Section 50-Sn-116 -100.0 To 17.90 %



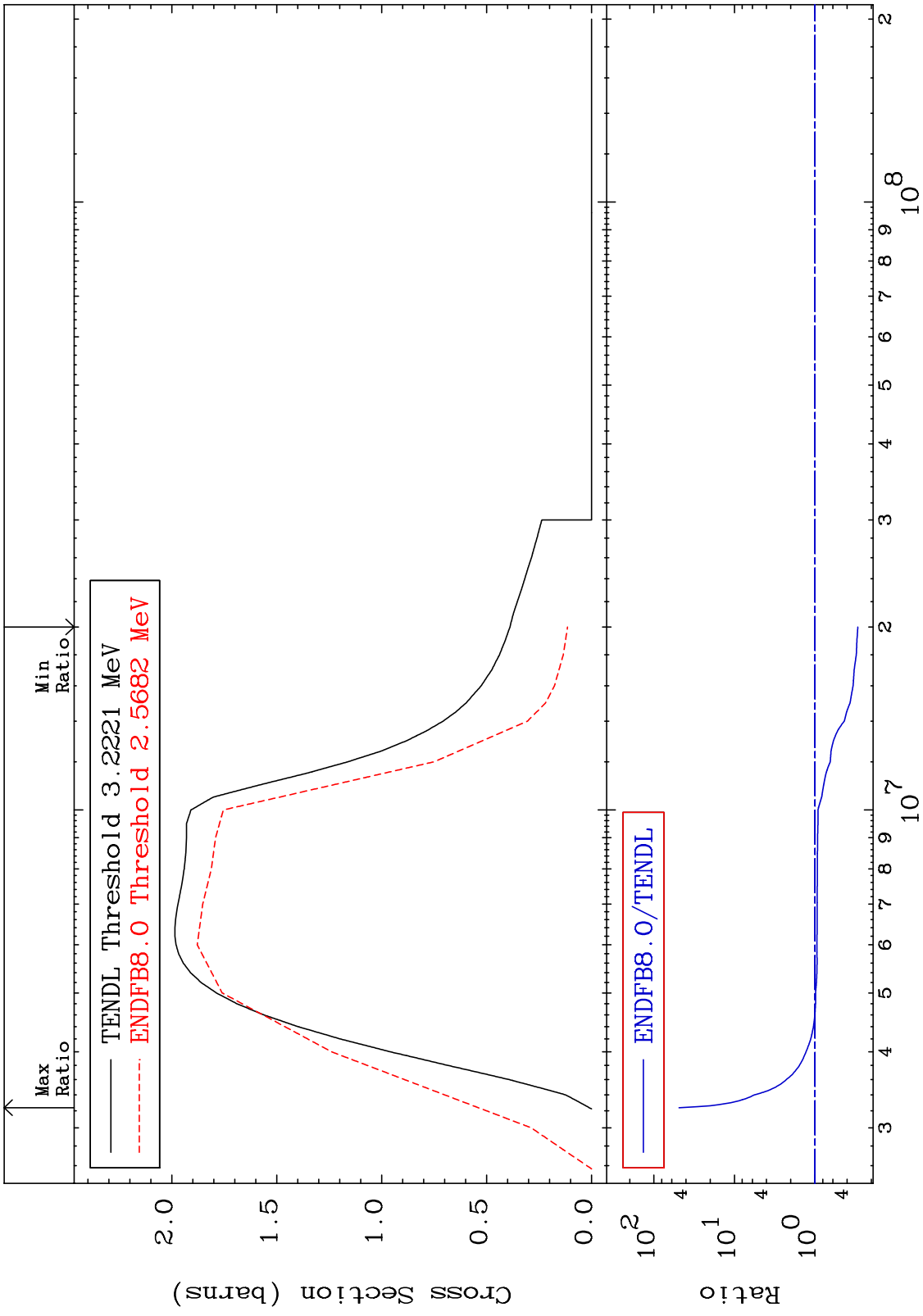
MAT 5037 MT= 59 (n,n') Level Cross Section 50-Sn-116
 -100.0 To 667.3 %



MAT 5037 MT= 60 (n,n') Level Cross Section 50-Sn-116
 -57.91 To 1144. %



MAT 5037 (n,n') Continuum Cross Section 50-Sn-116 -70.64 To 4777. %



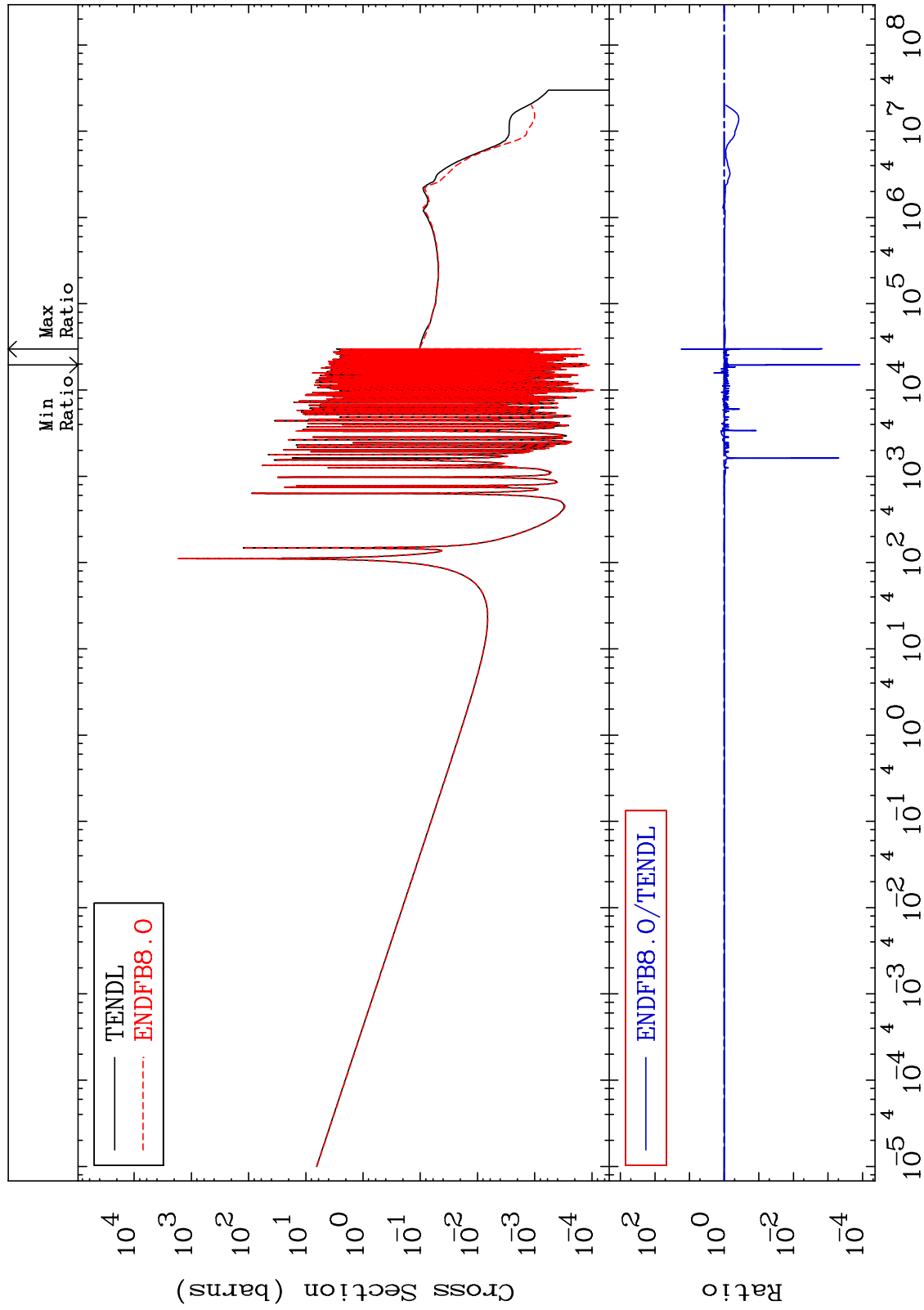
MAT 5037

(n, γ)

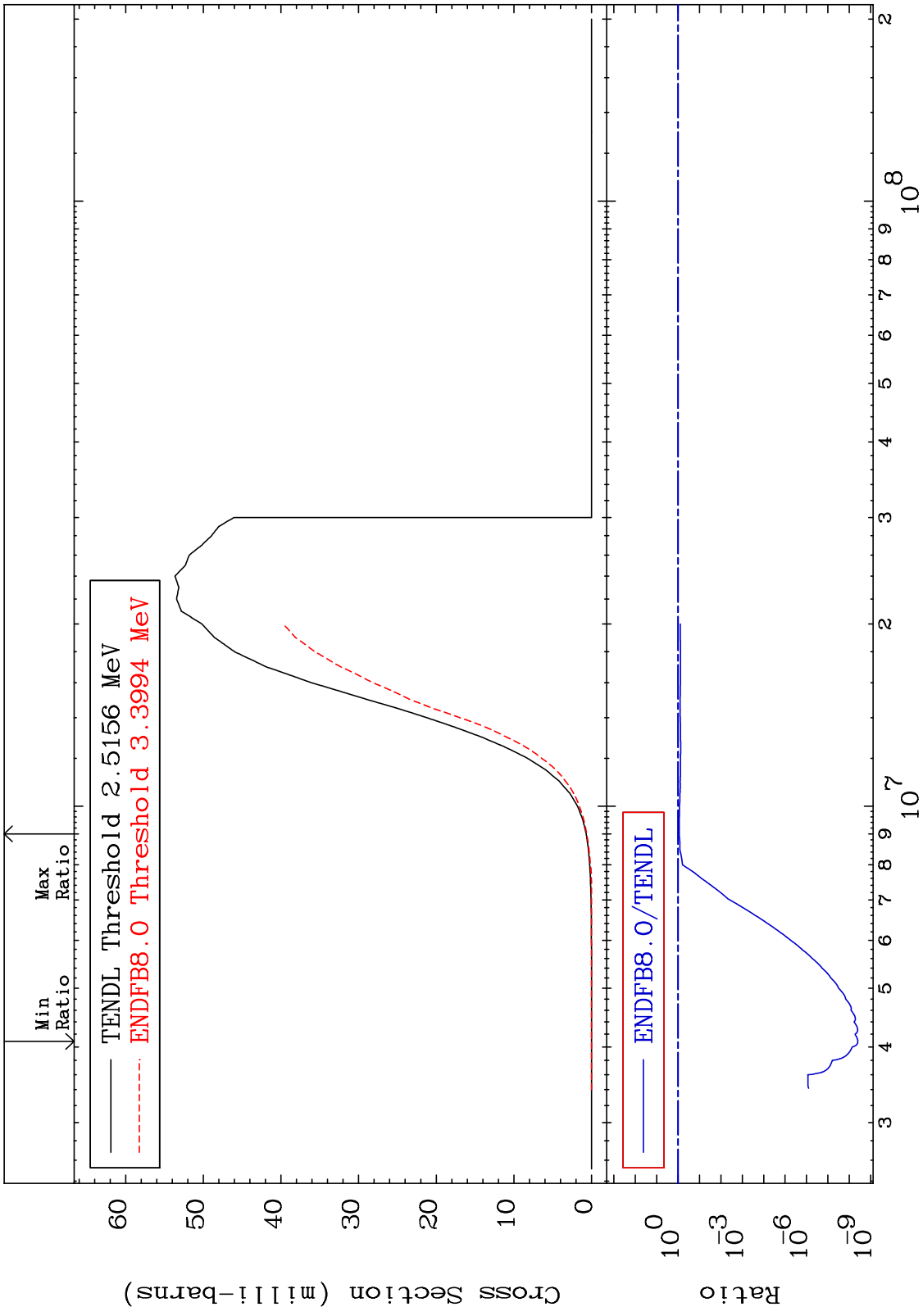
50-Sn-116

Cross Section

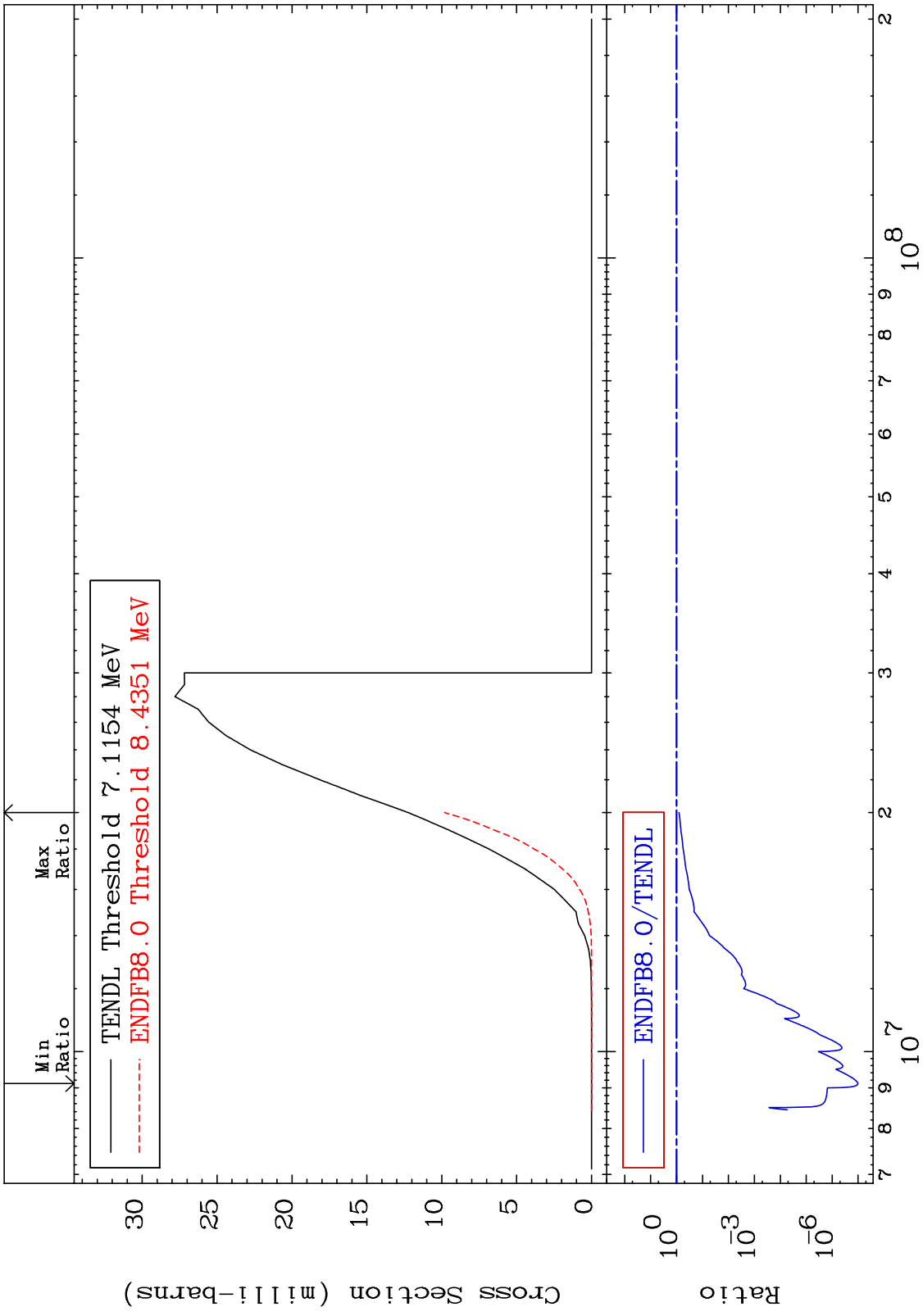
-99.99 To 1613. %



MAT 5037 (n,p) Cross Section 50-Sn-116 -100.0 To -9.463%



MAT 5037 (n,d) 50-Sn-116
 Cross Section -100.0 To -19.80%



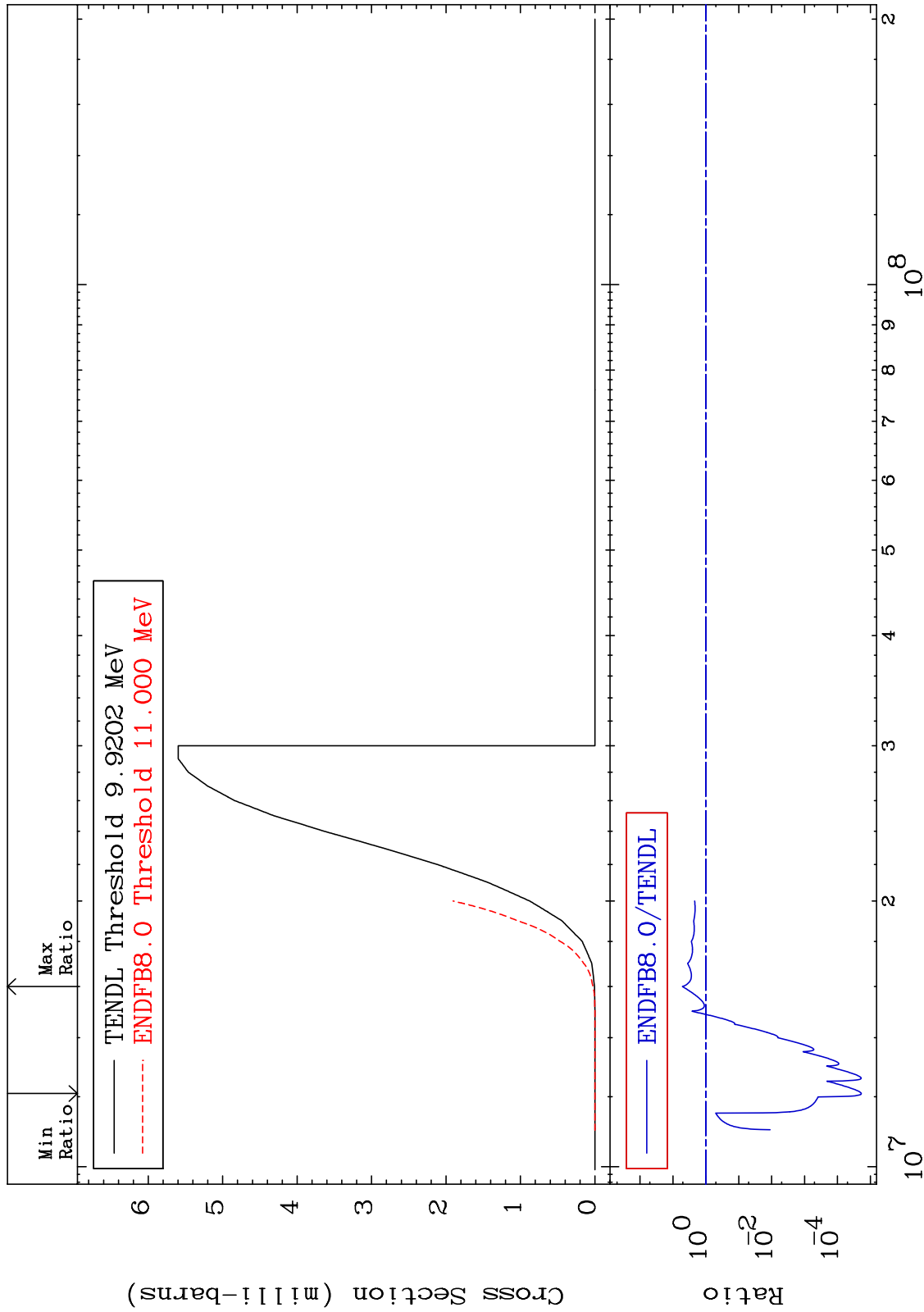
MAT 5037

(n,t)

50-Sn-116

Cross Section

-100.0 To 413.1 %

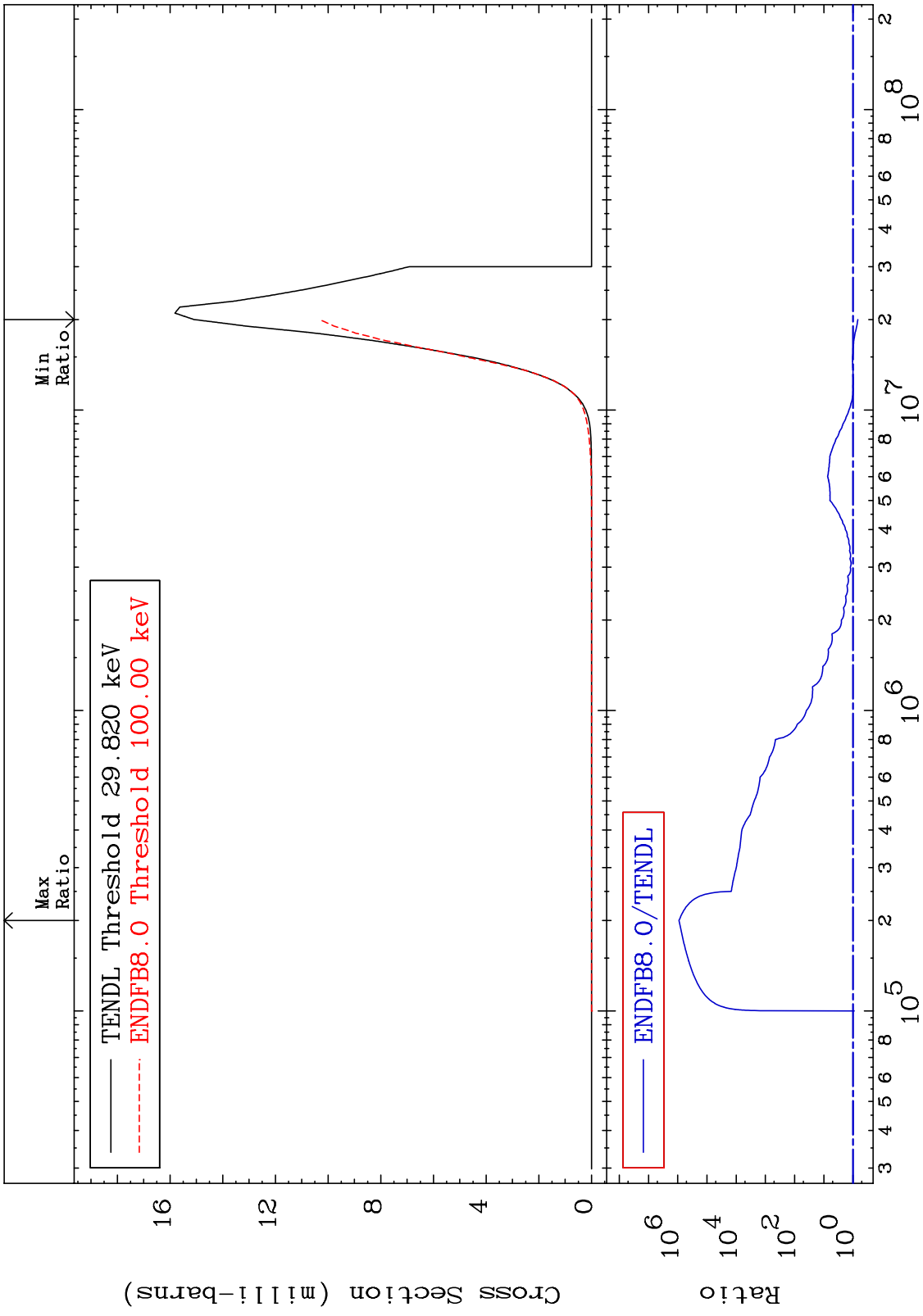


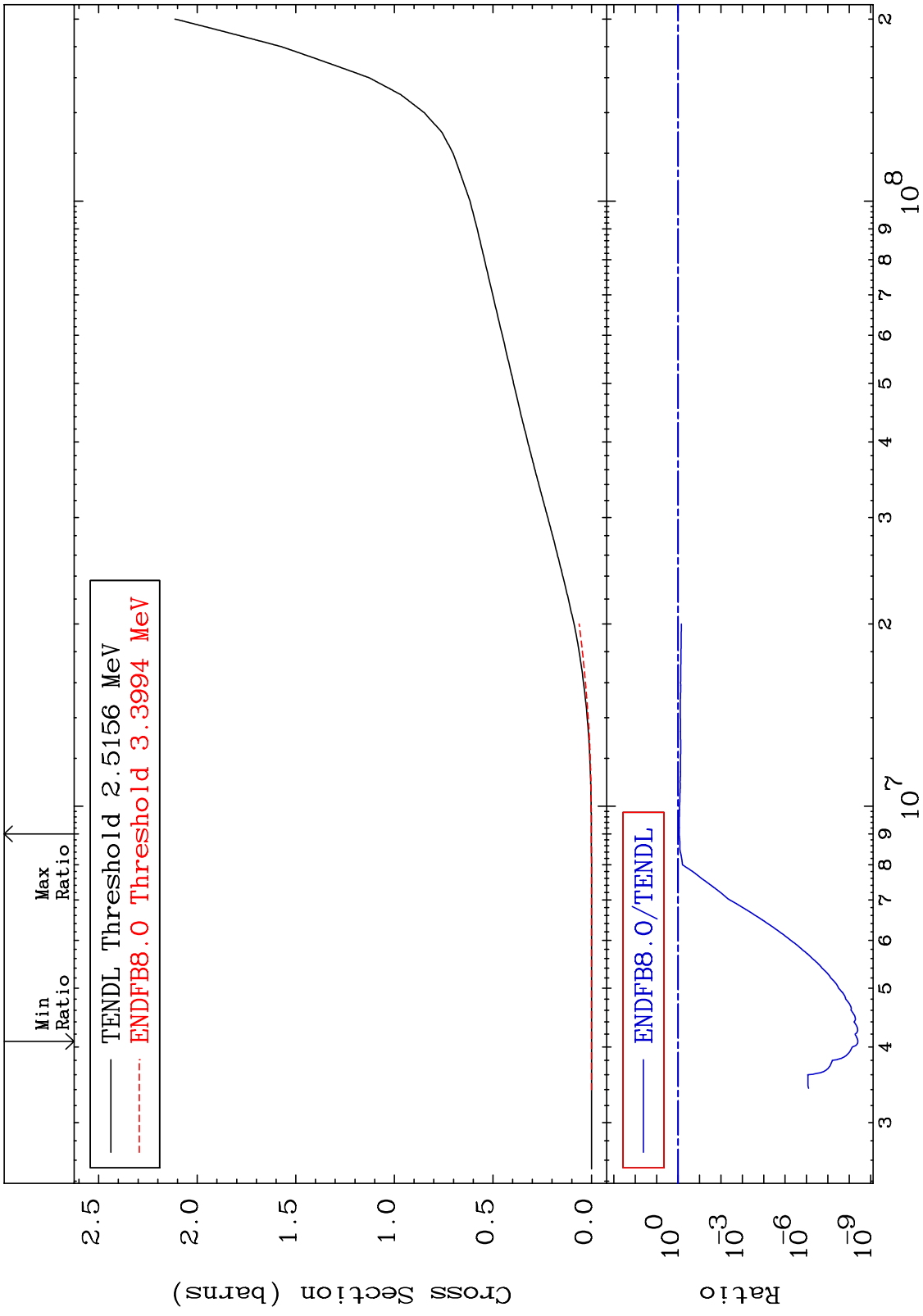
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Incident Energy (eV)

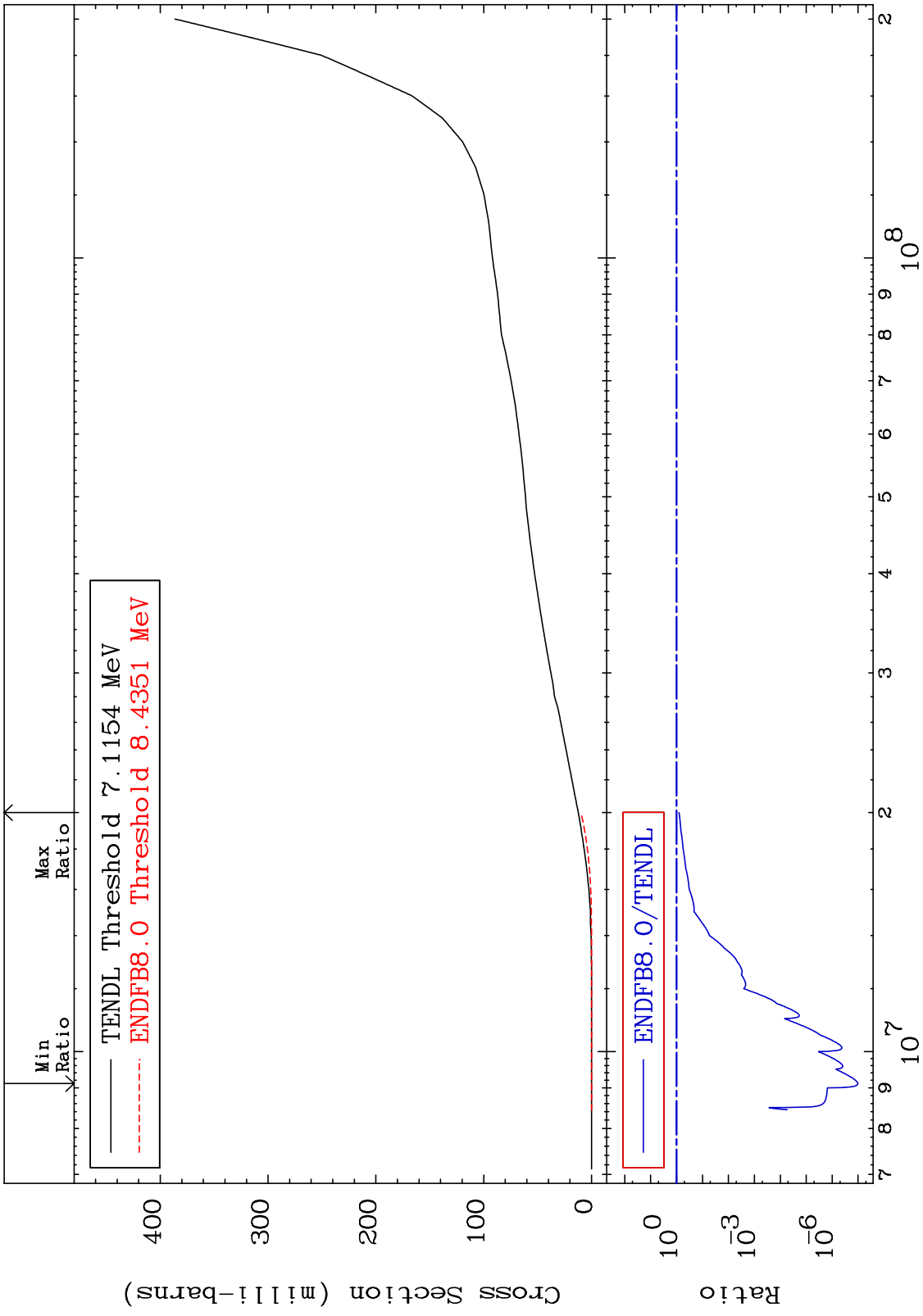
50-Sn-116

MAT 5037 (n, α) Cross Section 50-Sn-116
 -31.57 To 9999. %





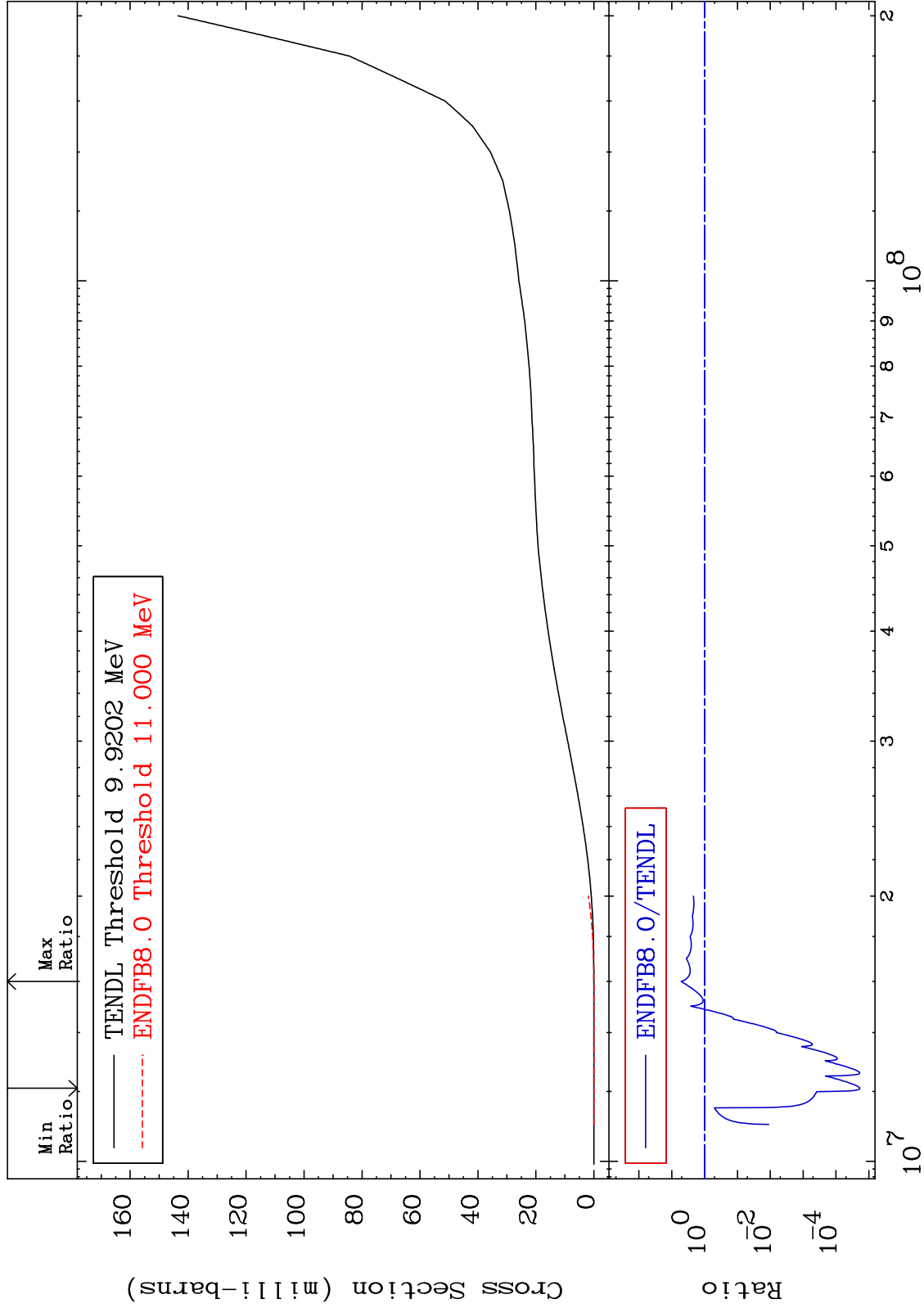
MAT 5037 Deuterium Production Cross Section 50-Sn-116 -100.0 To -19.80%



MAT 5037

Tritium Production
Cross Section

50-Sn-116
-100.0 To 413.1 %



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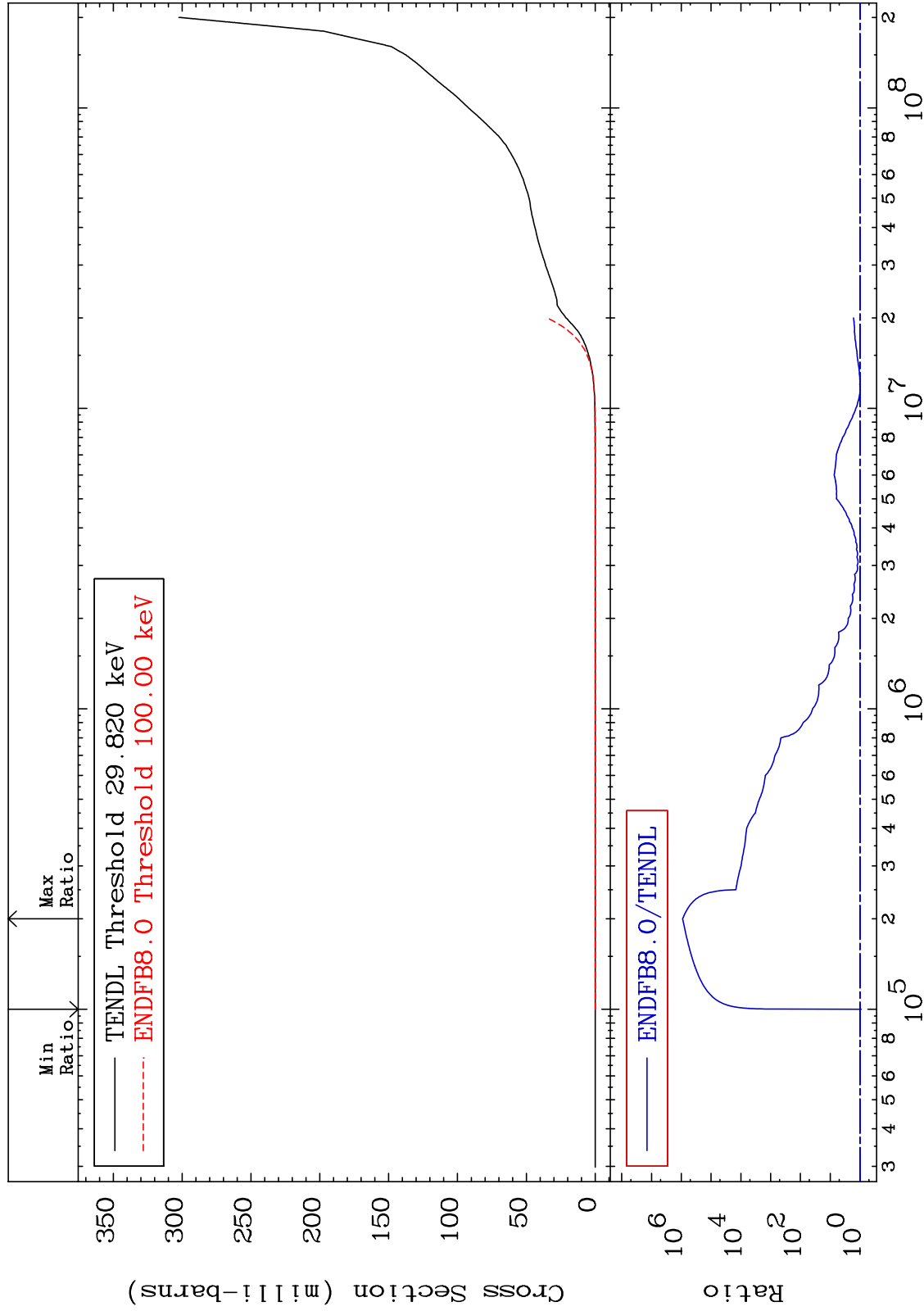
Incident Energy (eV)

50-Sn-116

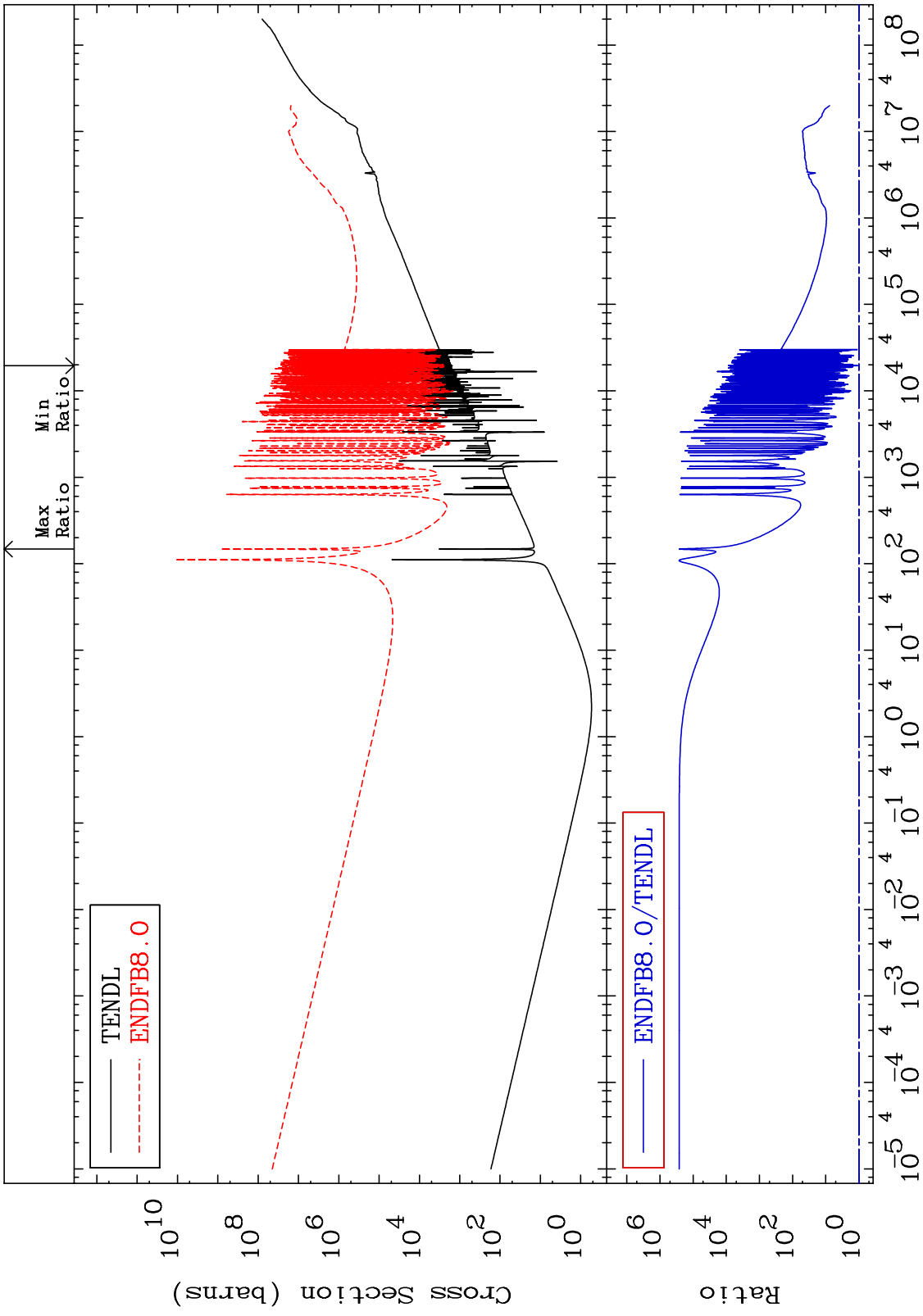
MAT 5037

He-4 Production
Cross Section

50-Sn-116
-9.914 To 9999. %



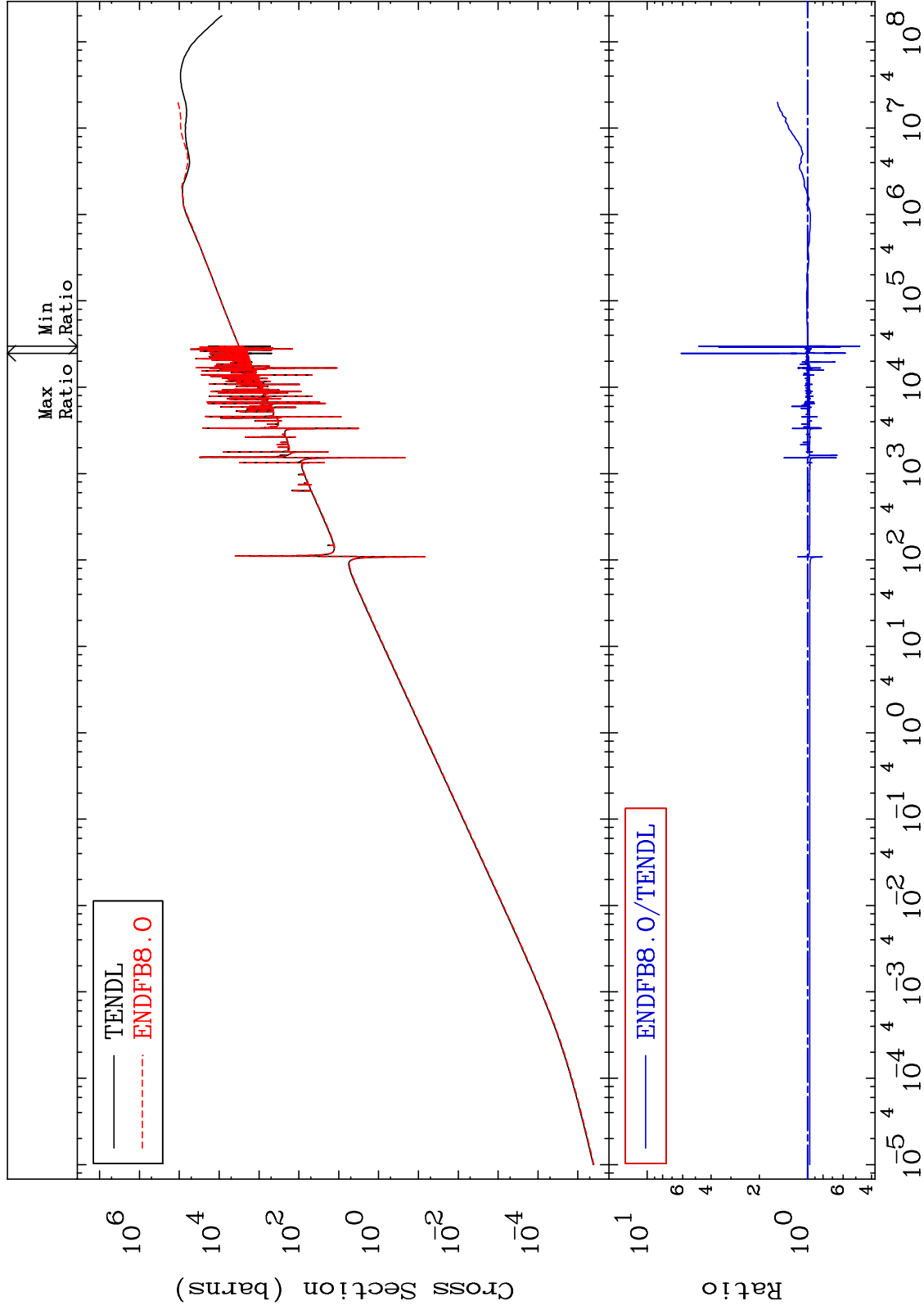
MAT 5037 Kerma total (eV-barns) 50-Sn-116
 Cross Section 7.497 To 9999. %



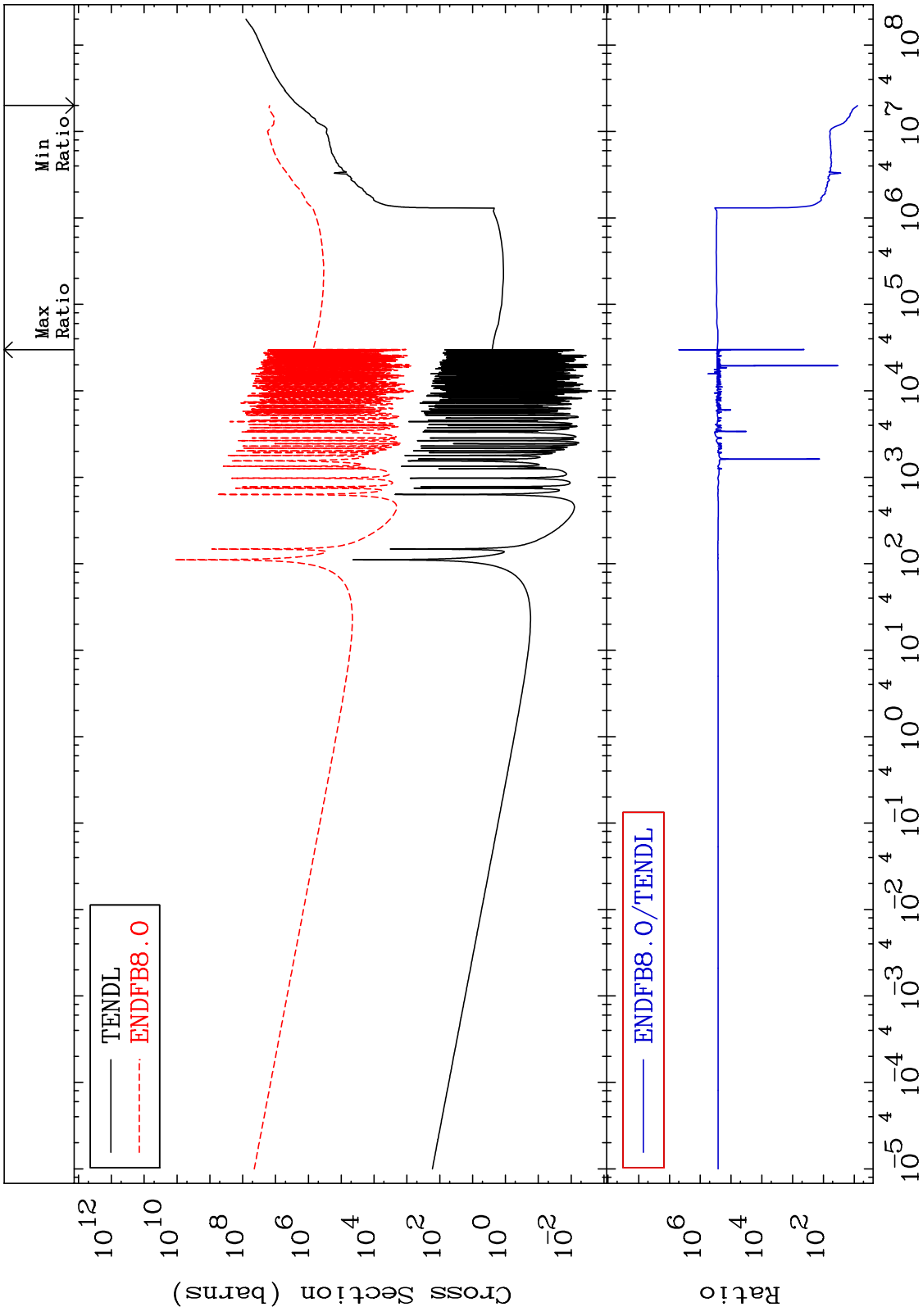
MAT 5037

Kerma elastic
Cross Section

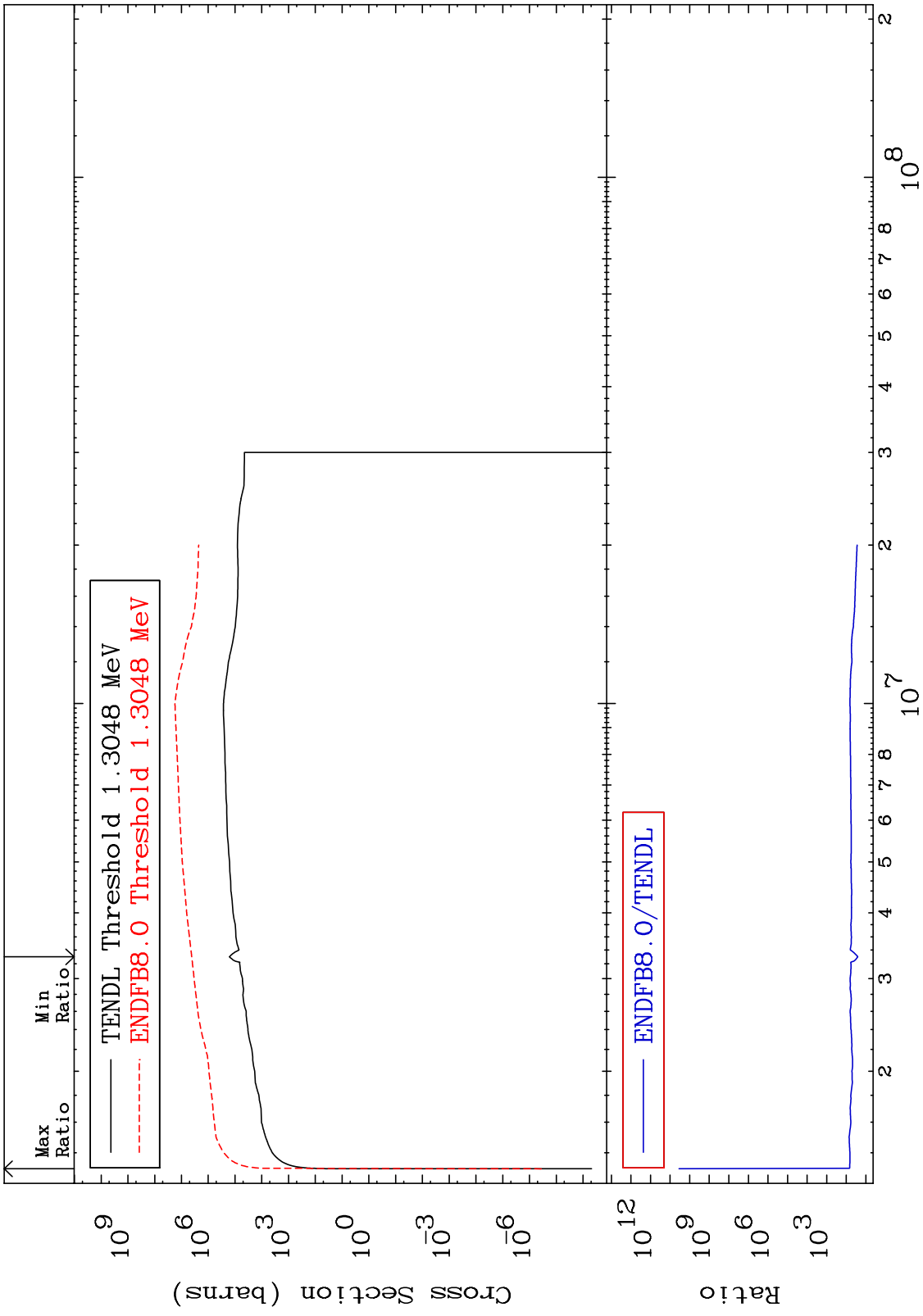
50-Sn-116
-52.72 To 512.9 %



MAT 5037 Kerma non-elastic (all but mt2) 50-Sn-116
 Cross Section 666.8 To 9999. %



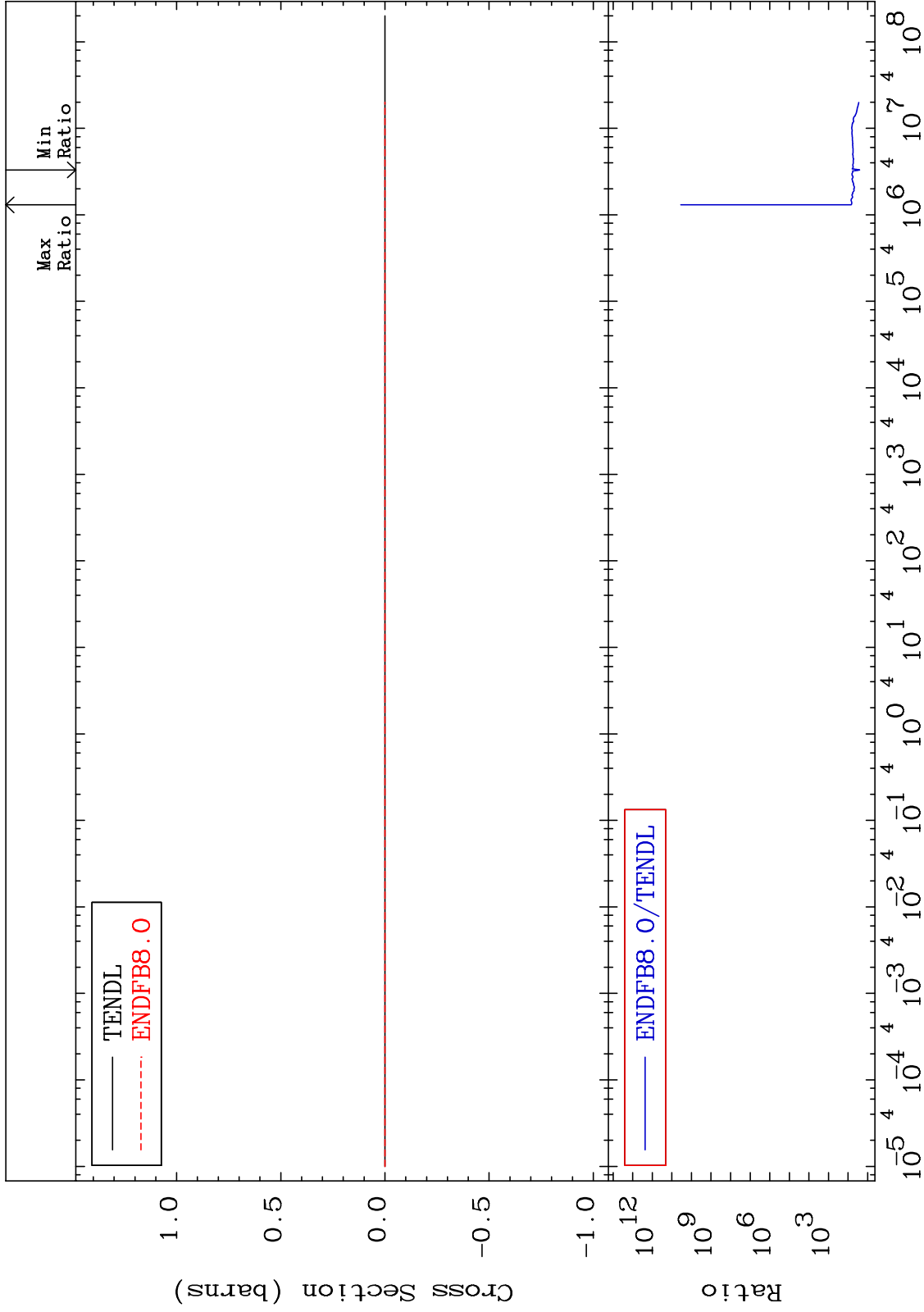
MAT 5037 Kerma inelastic (mt51-91) 50-Sn-116
 Cross Section 2458. To 9999. %



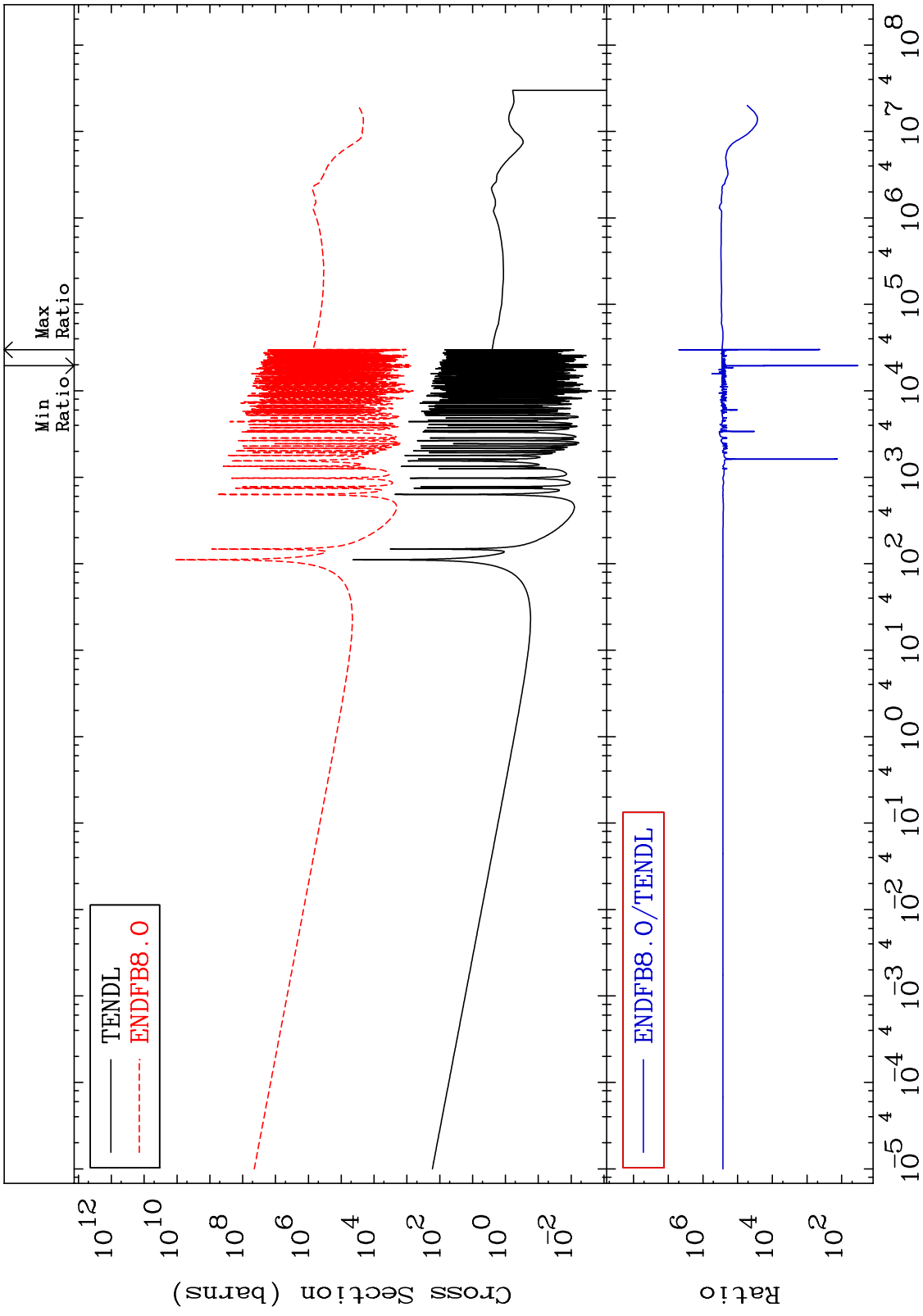
MAT 5037

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

50-Sn-116
2458. To 9999. %



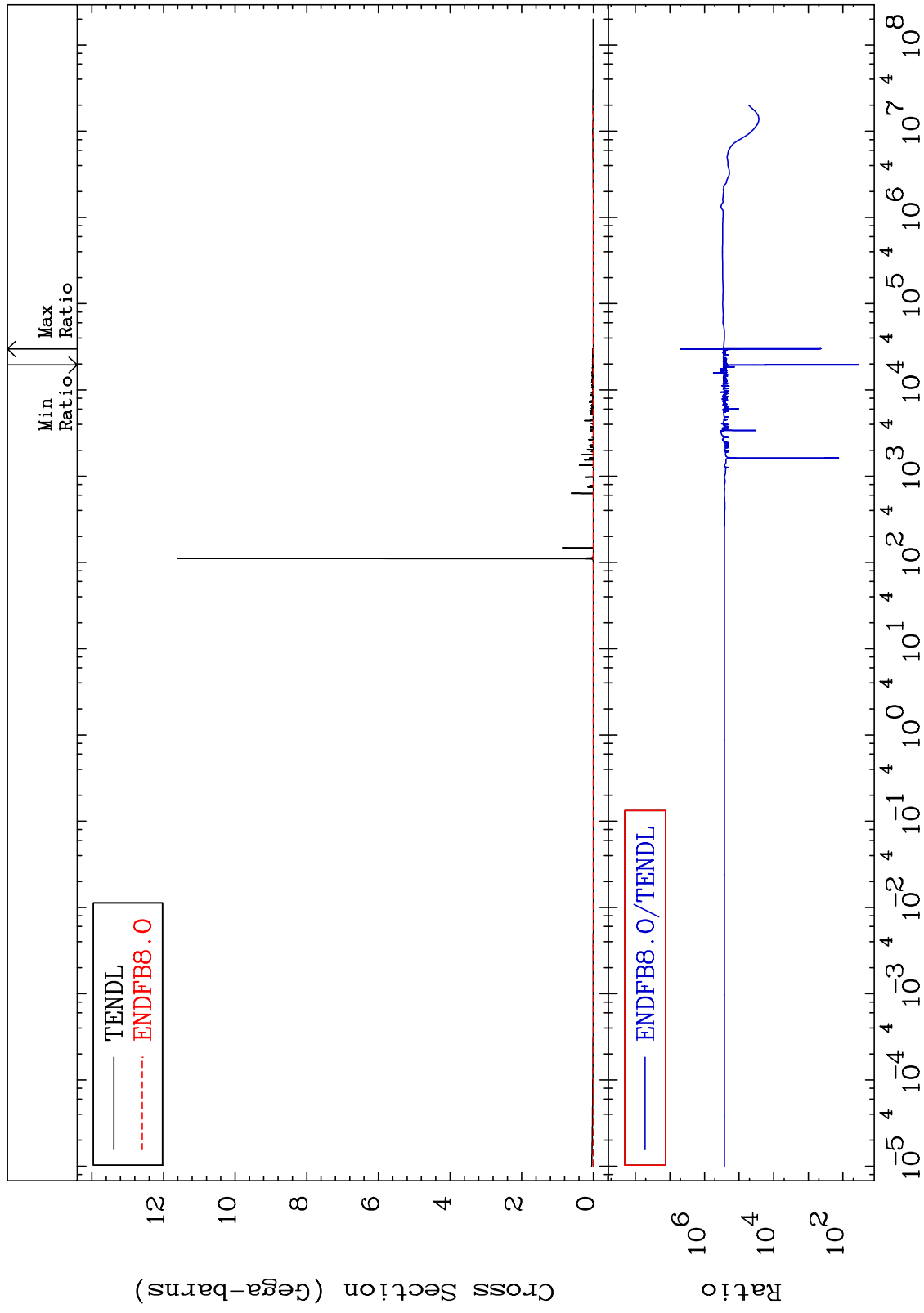
MAT 5037 Kerma capture (mt102) 50-Sn-116
 Cross Section 3331. To 9999. %



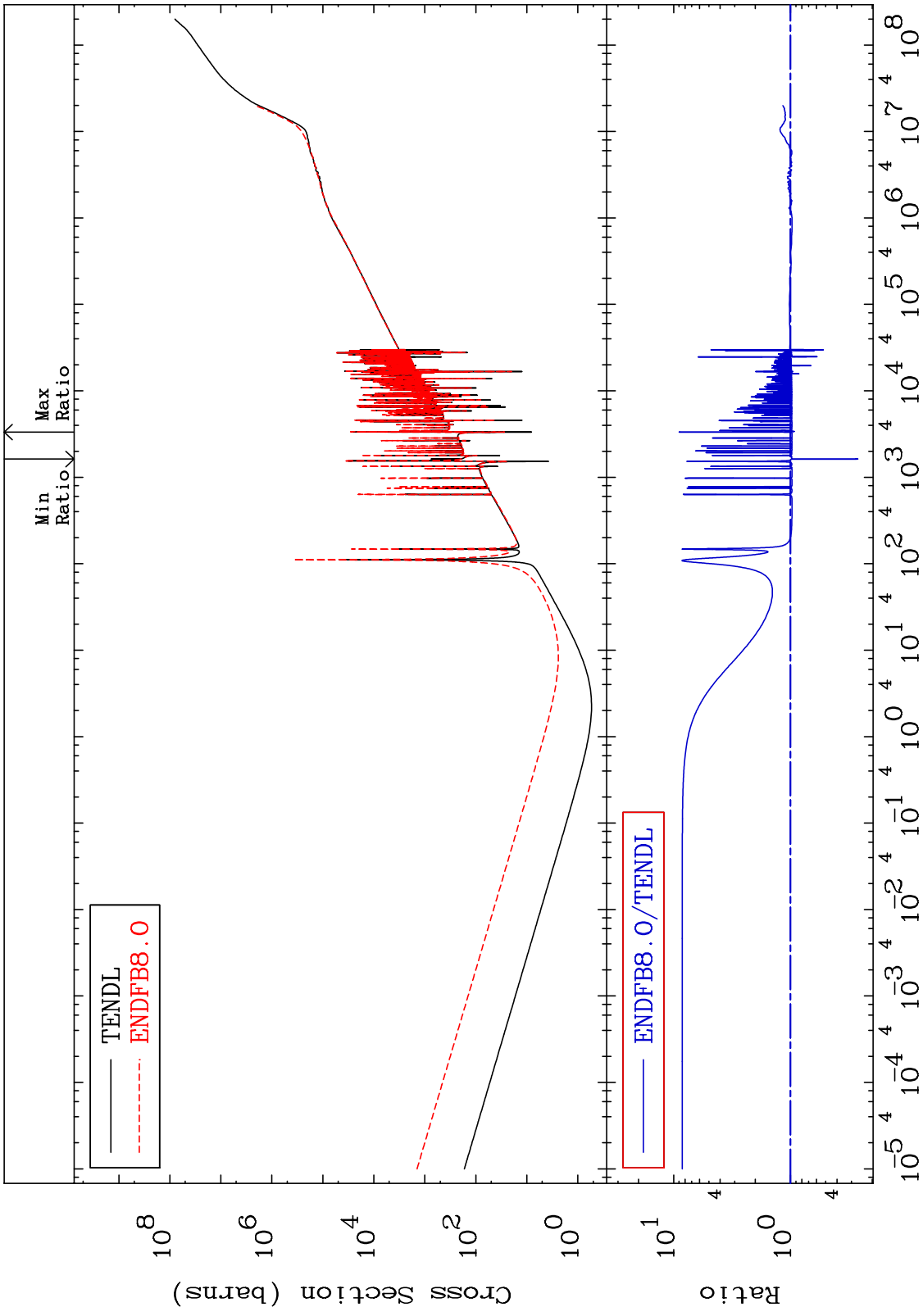
MAT 5037

Total photon (eV-barns)
Cross Section

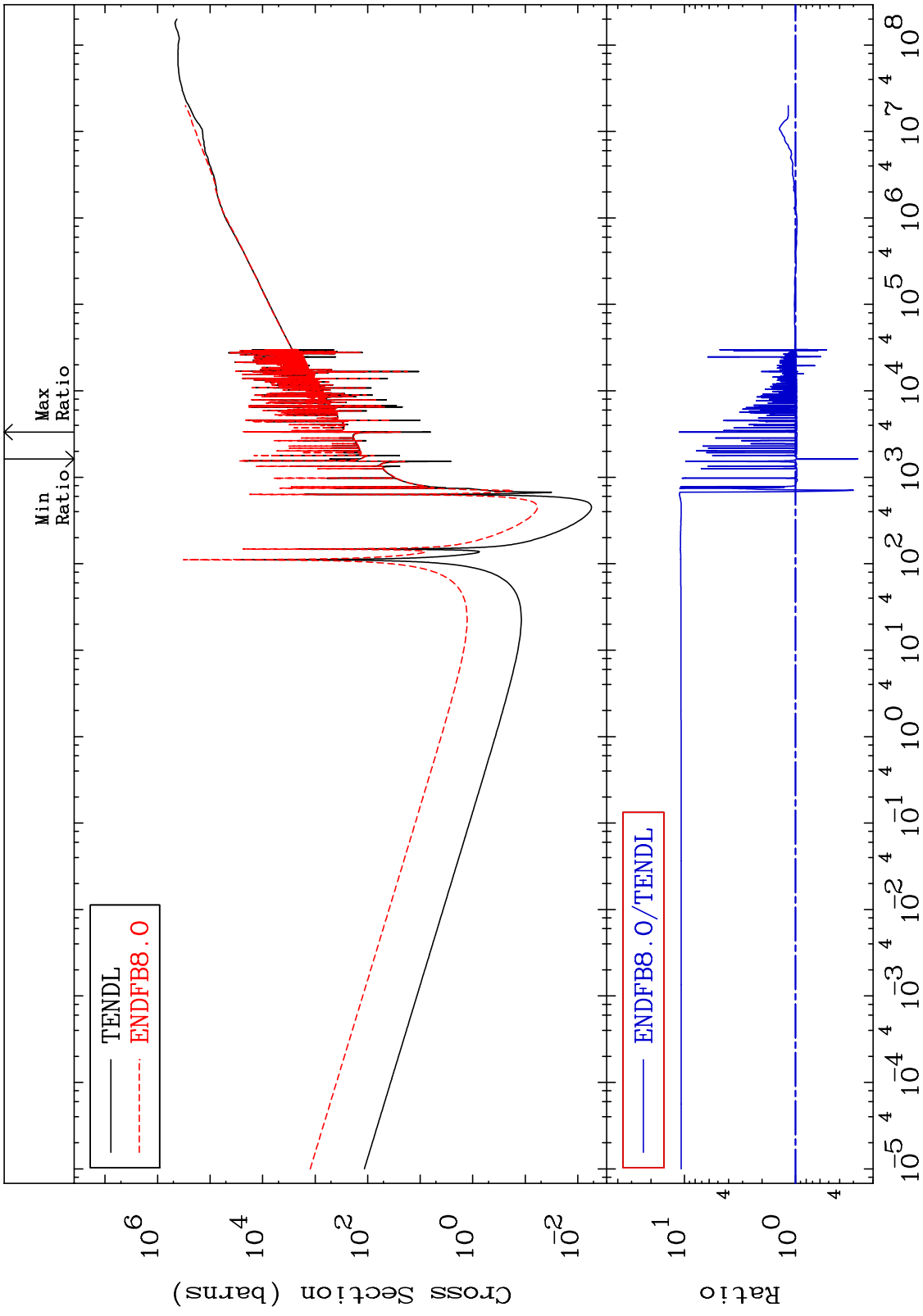
50-Sn-116
3331. To 9999. %



MAT 5037 Total kinematic kerma (high limit) 50-Sn-116
 Cross Section -73.49 To 799.4 %



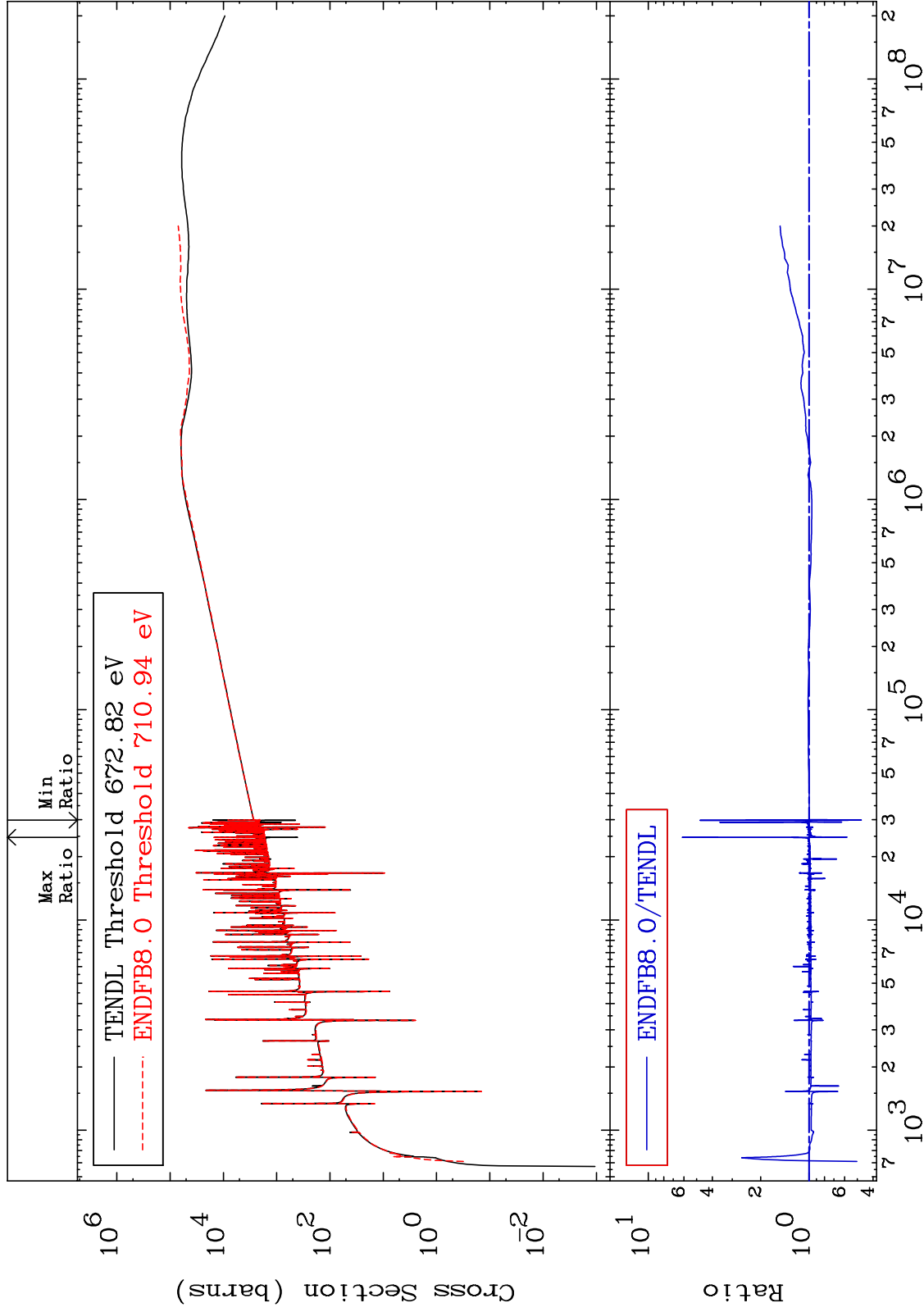
MAT 5037 Dpa total (eV-barns) 50-Sn-116
 Cross Section -72.62 To 1019. %



MAT 5037

Dpa elastic (mt2)
Cross Section

50-Sn-116
-52.72 To 512.9 %

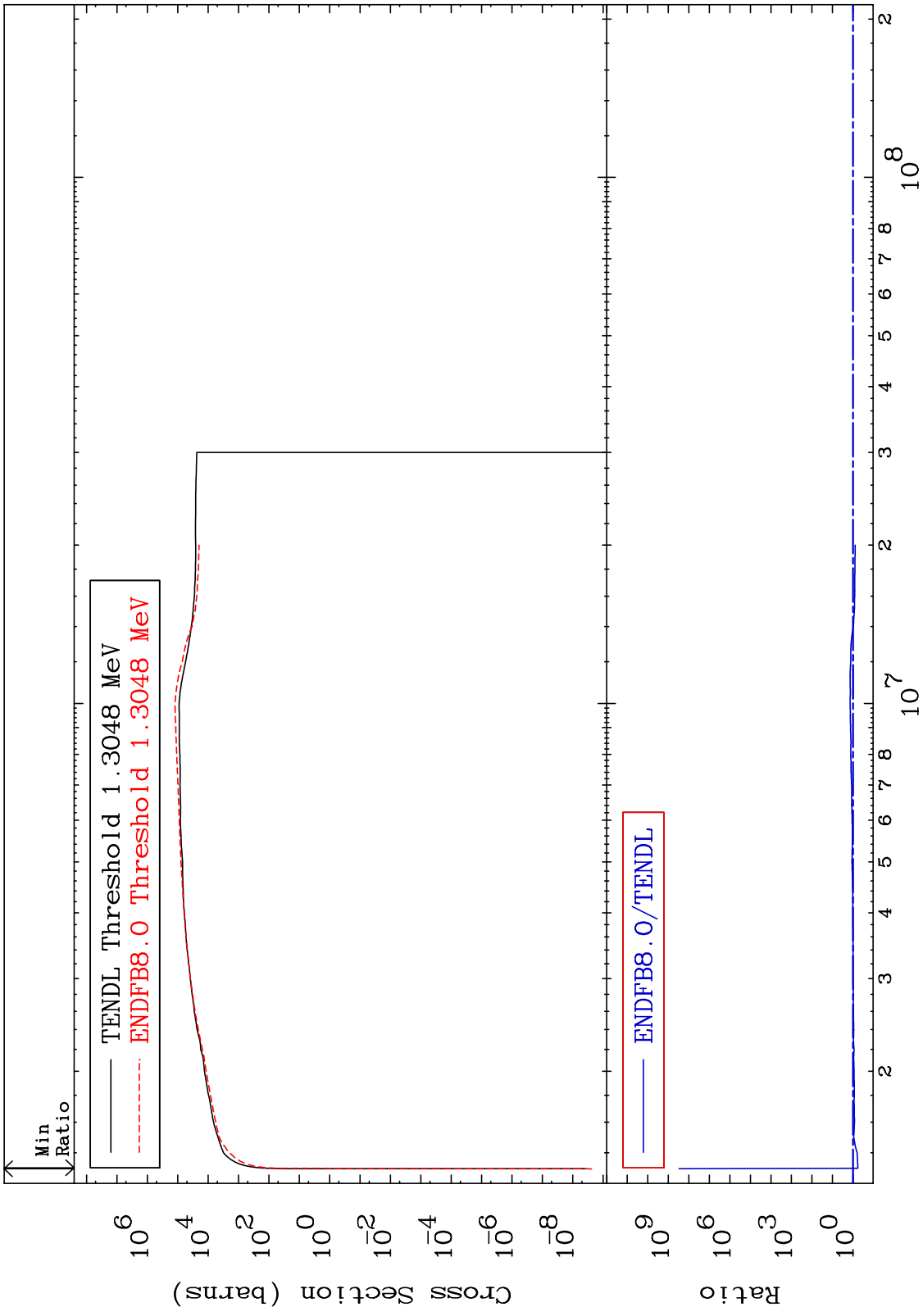


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Incident Energy (eV)

50-Sn-116

MAT 5037 Dpa inelastic (mt51-91) 50-Sn-116
 Cross Section -42.00 To 9999. %



MAT 5037 Dpa disappearance (mt102 -120) 50-Sn-116
 Cross Section -99.75 To 9999. %

