

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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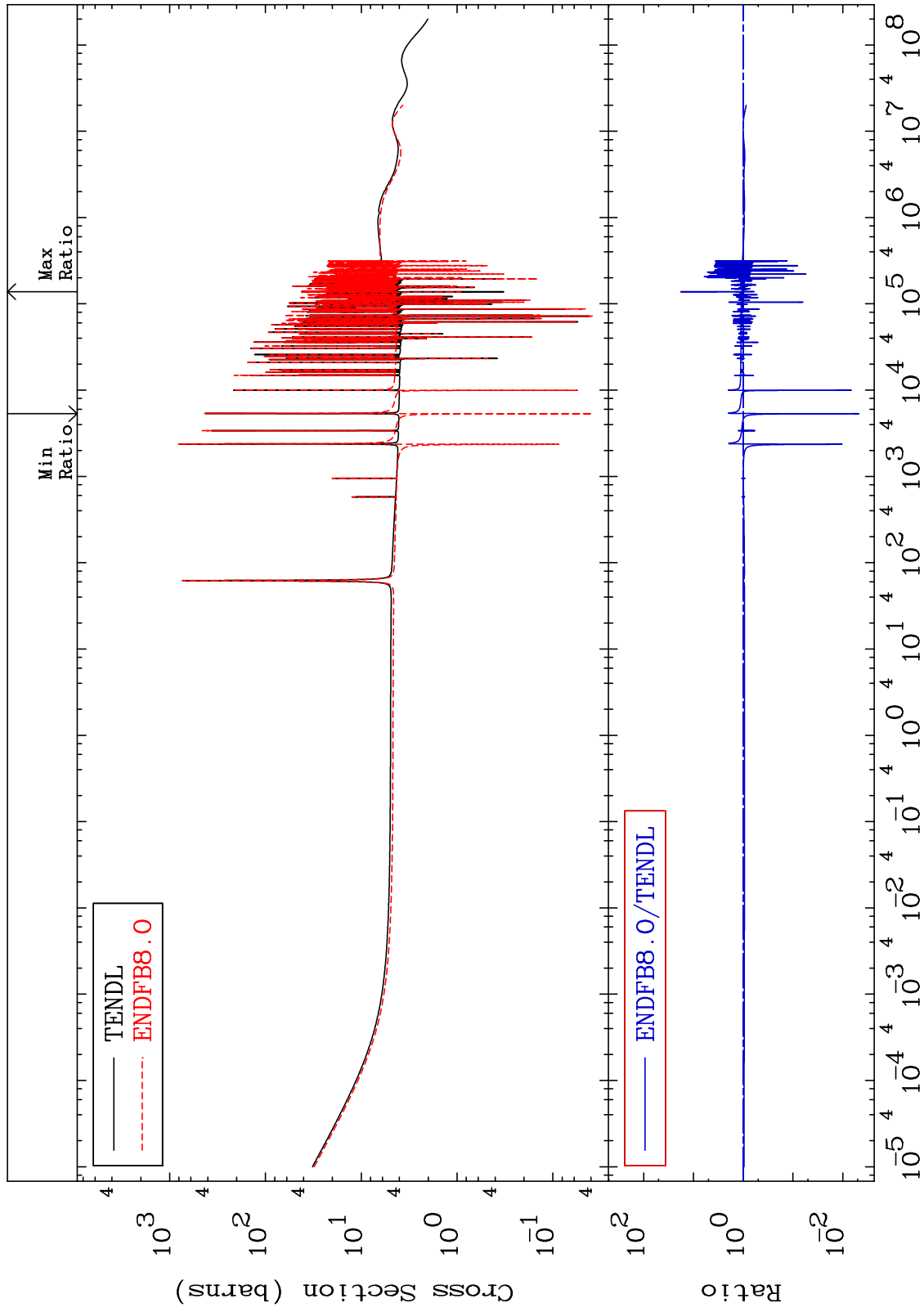
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5061

Total
Cross Section

50-Sn-124
-99.53 To 1707. %



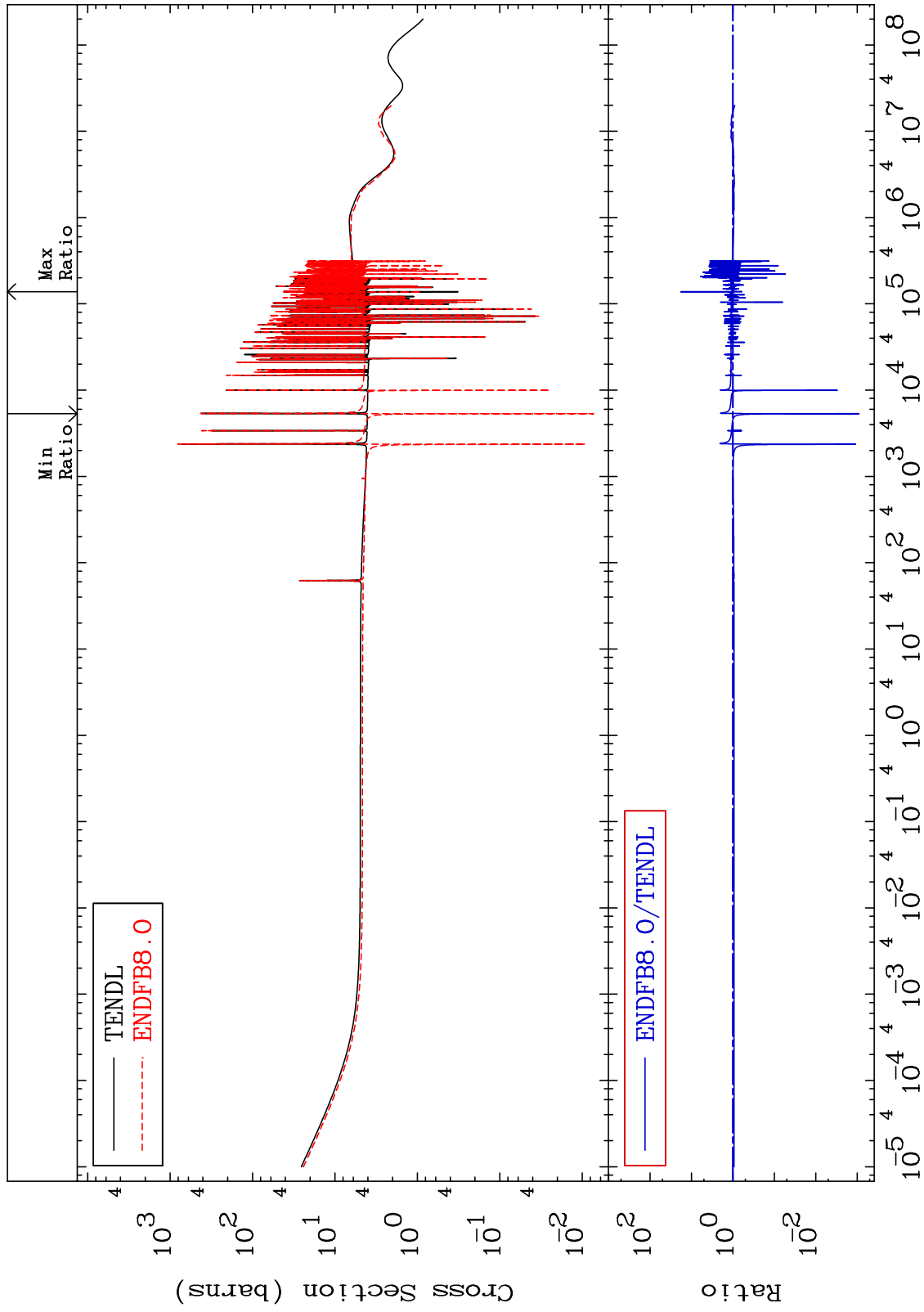
Incident Energy (eV)

50-Sn-124

MAT 5061

Elastic
Cross Section

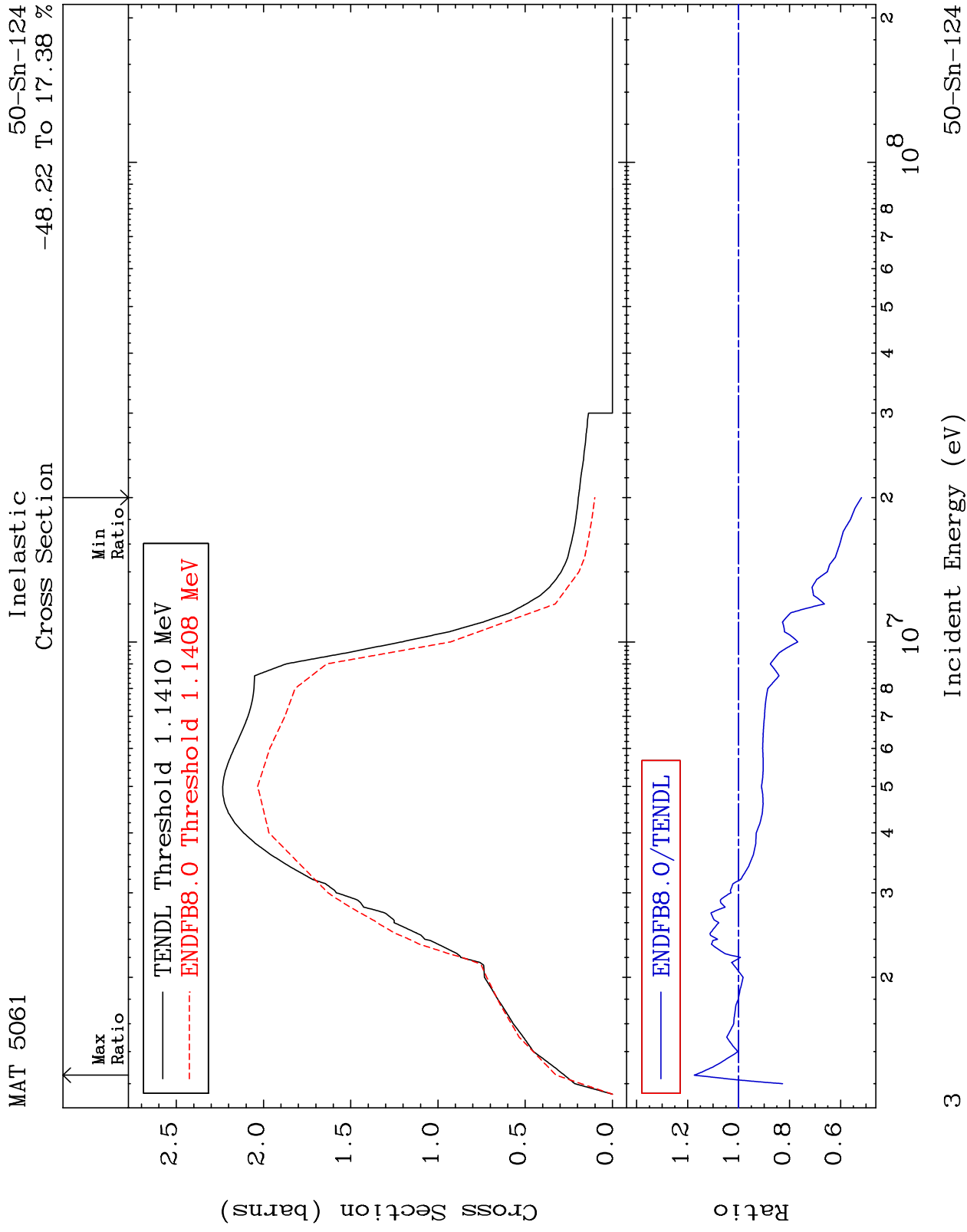
50-Sn-124
-99.91 To 1722. %



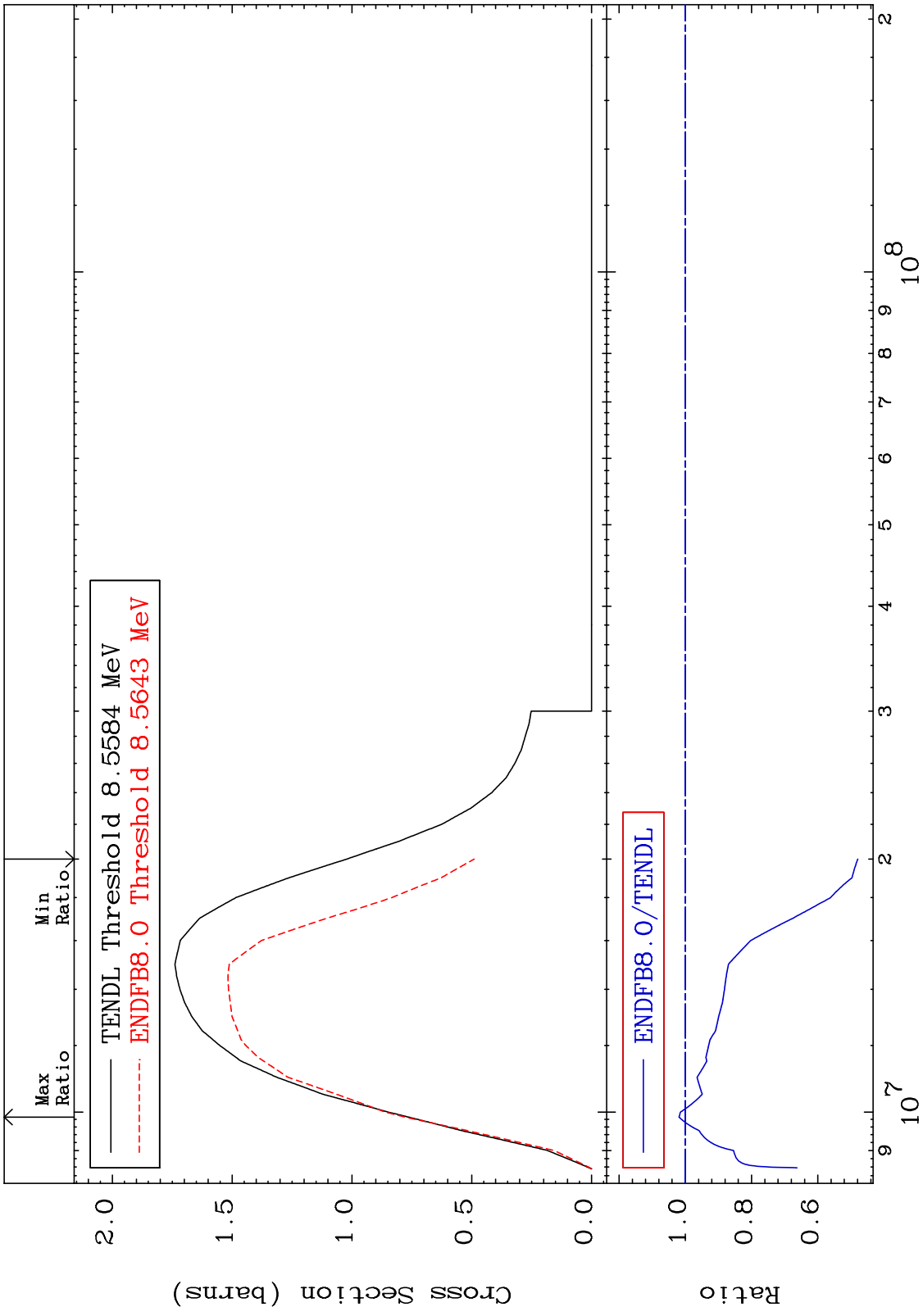
2

Incident Energy (eV)

50-Sn-124

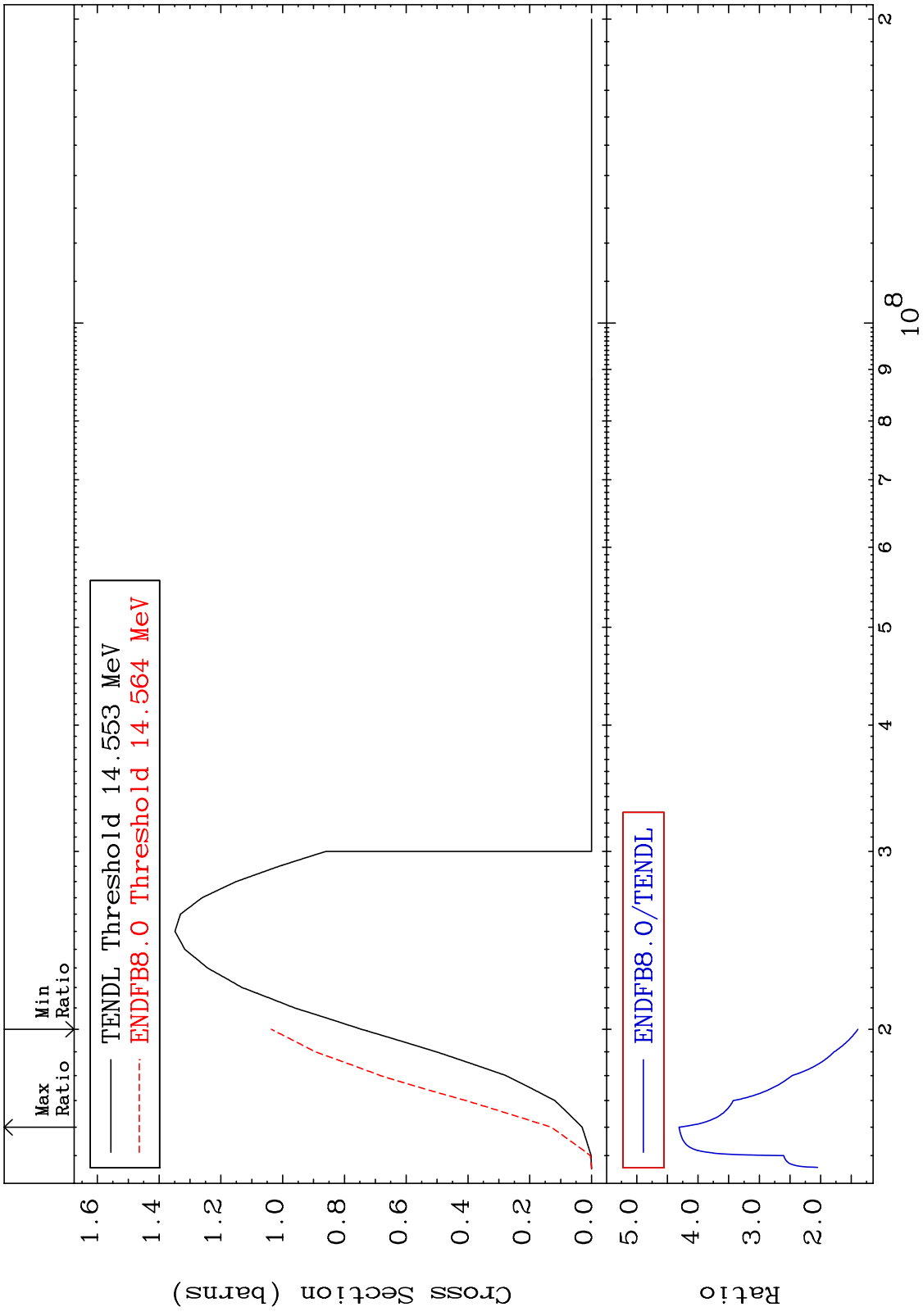


MAT 5061 (n,2n) Cross Section 50-Sn-124 -52.08 To 1.895 %



4 Incident Energy (eV) 50-Sn-124

MAT 5061 (n,3n) Cross Section 50-Sn-124 To 331.0 %



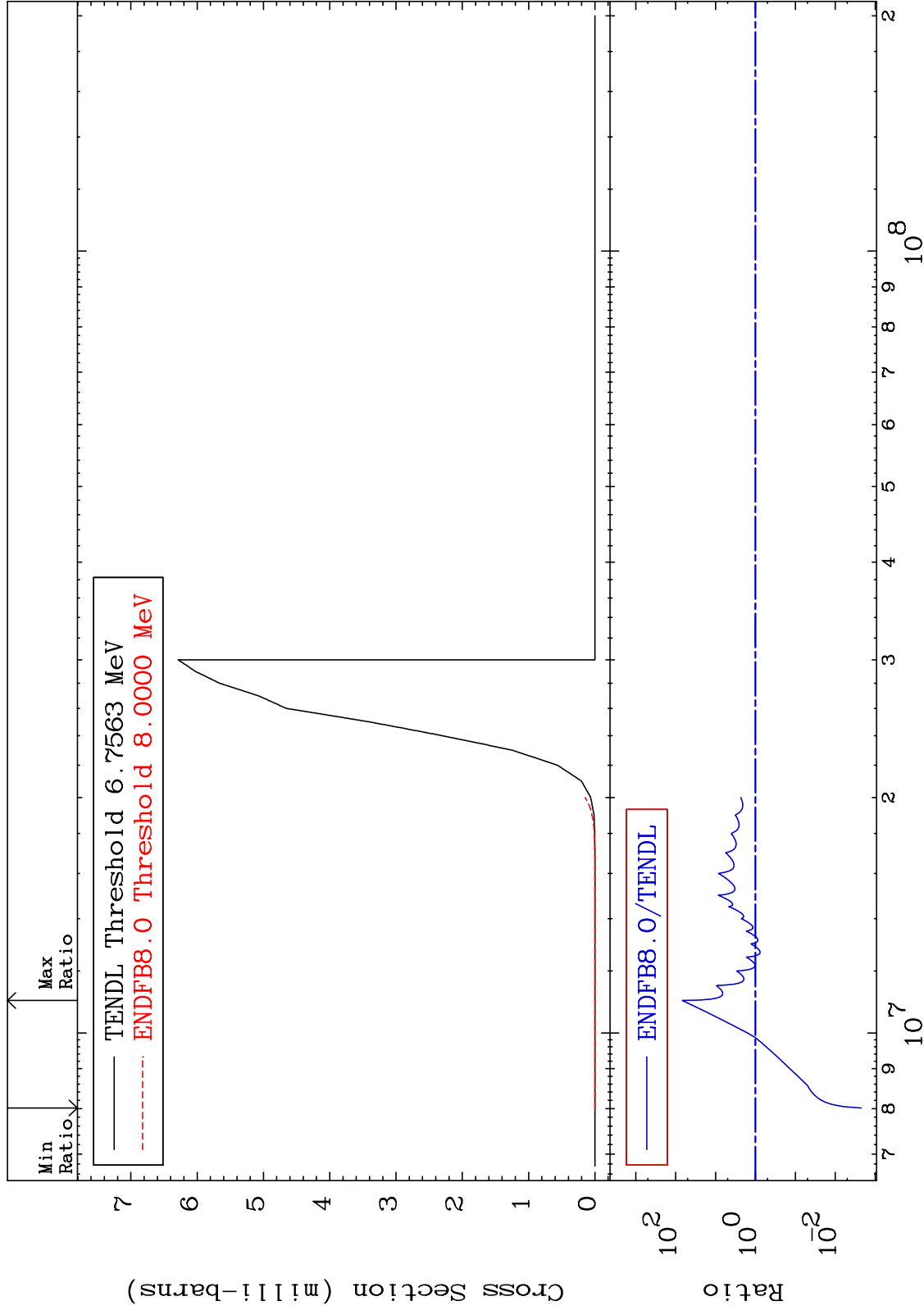
MAT 5061

(n,n') α

50-Sn-124

Cross Section

-99.78 To 6669. %

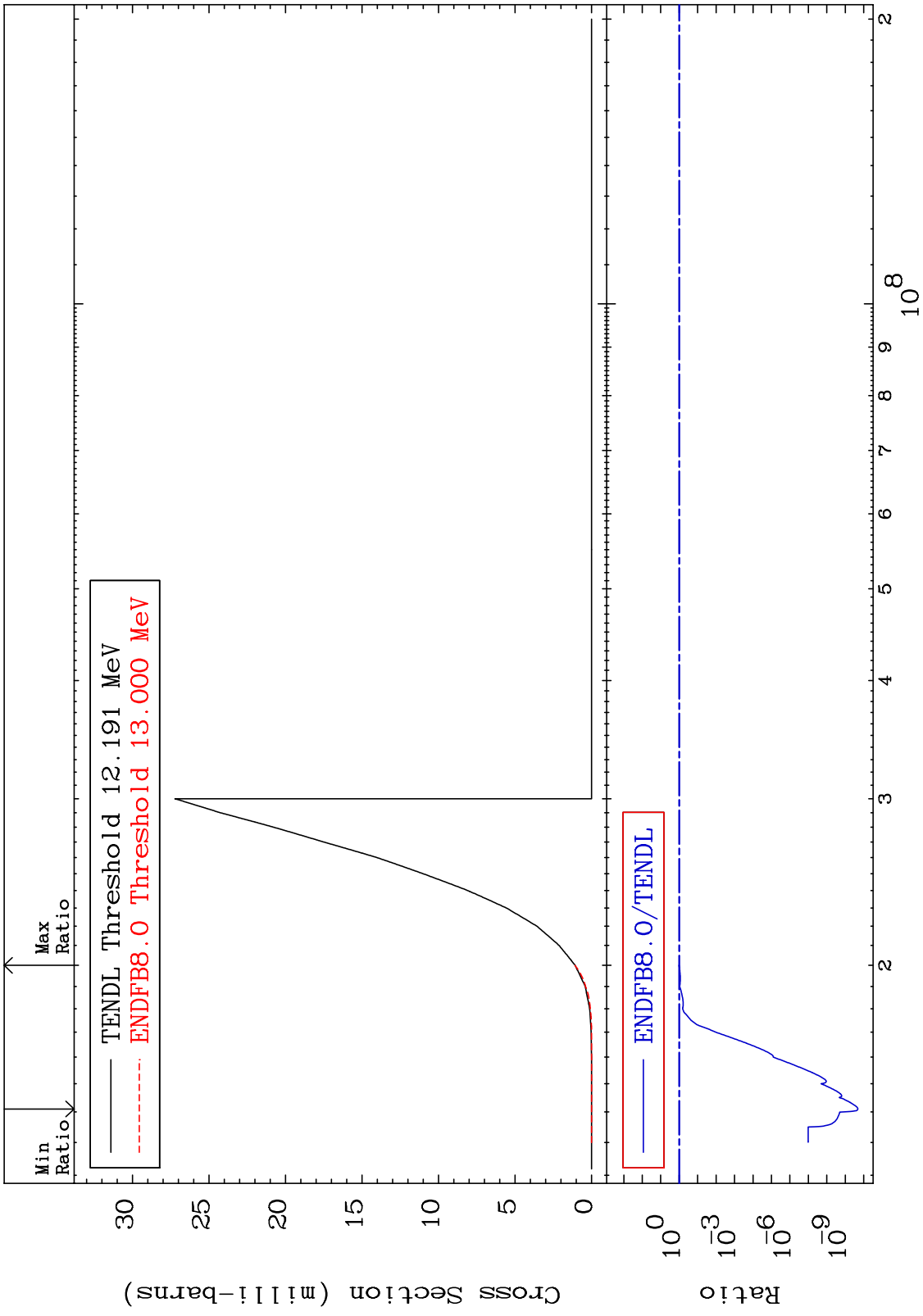


6

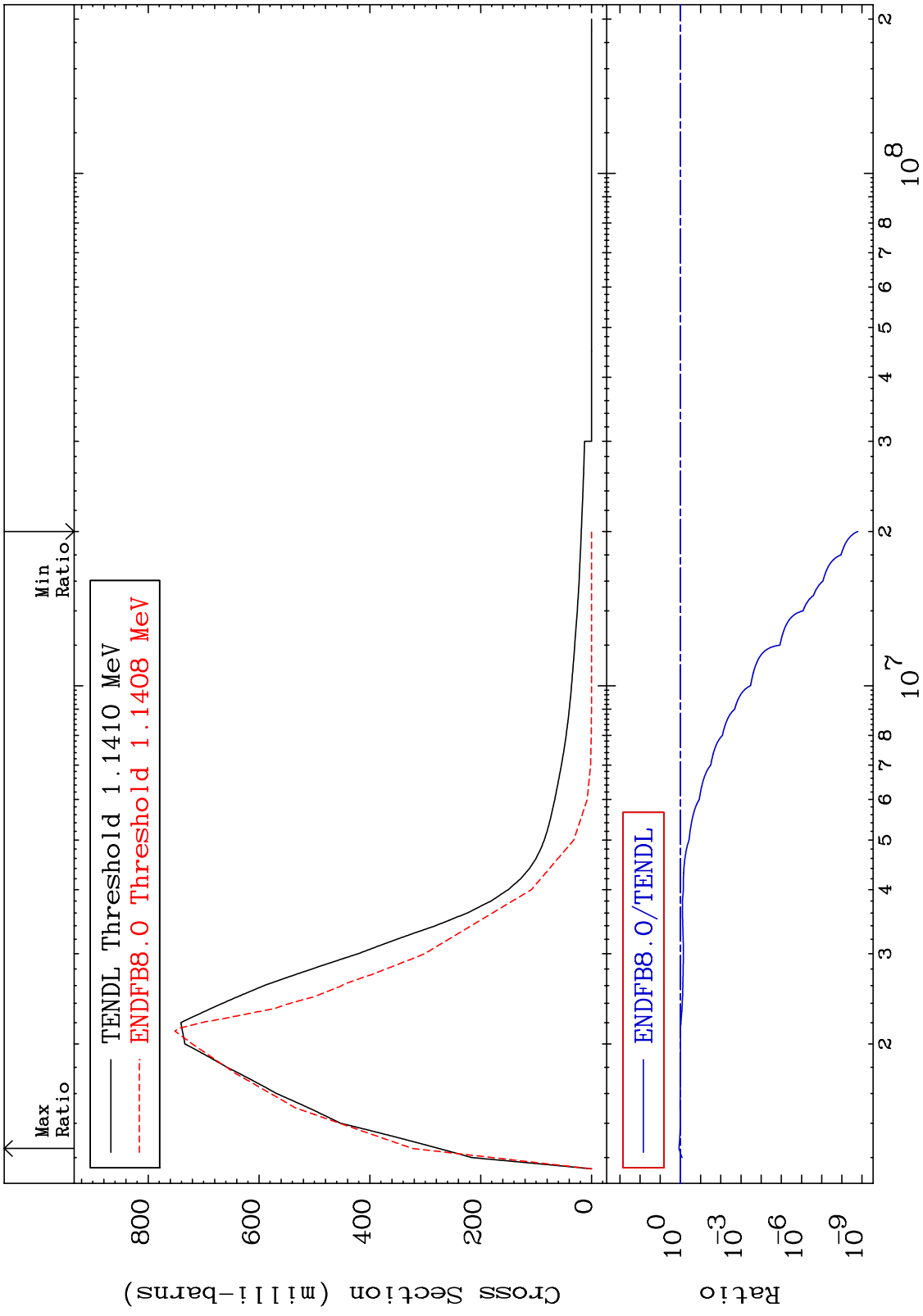
Incident Energy (eV)

50-Sn-124

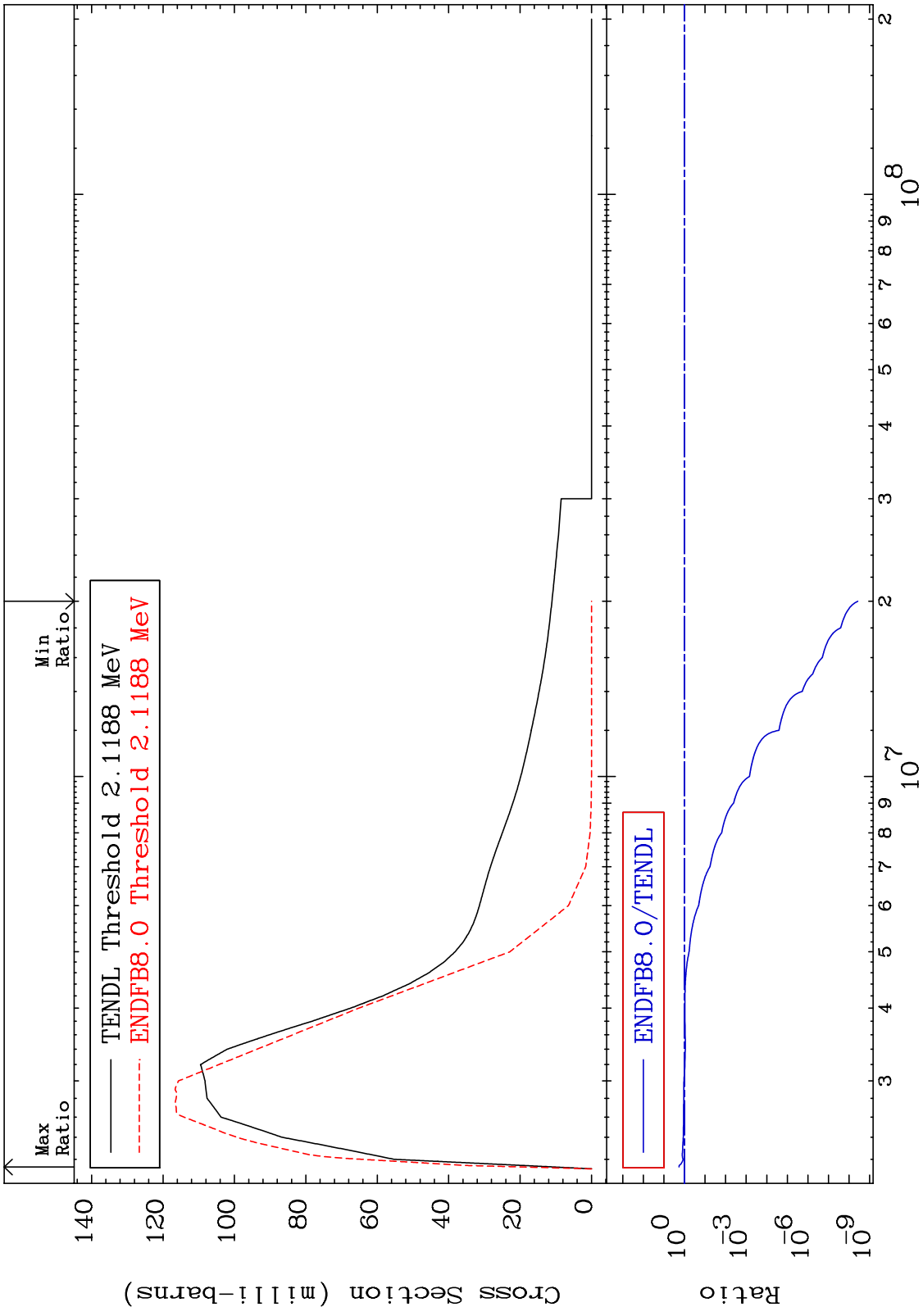
MAT 5061 (n, n') p 50-Sn-124
 Cross Section -100.0 To 1.644 %



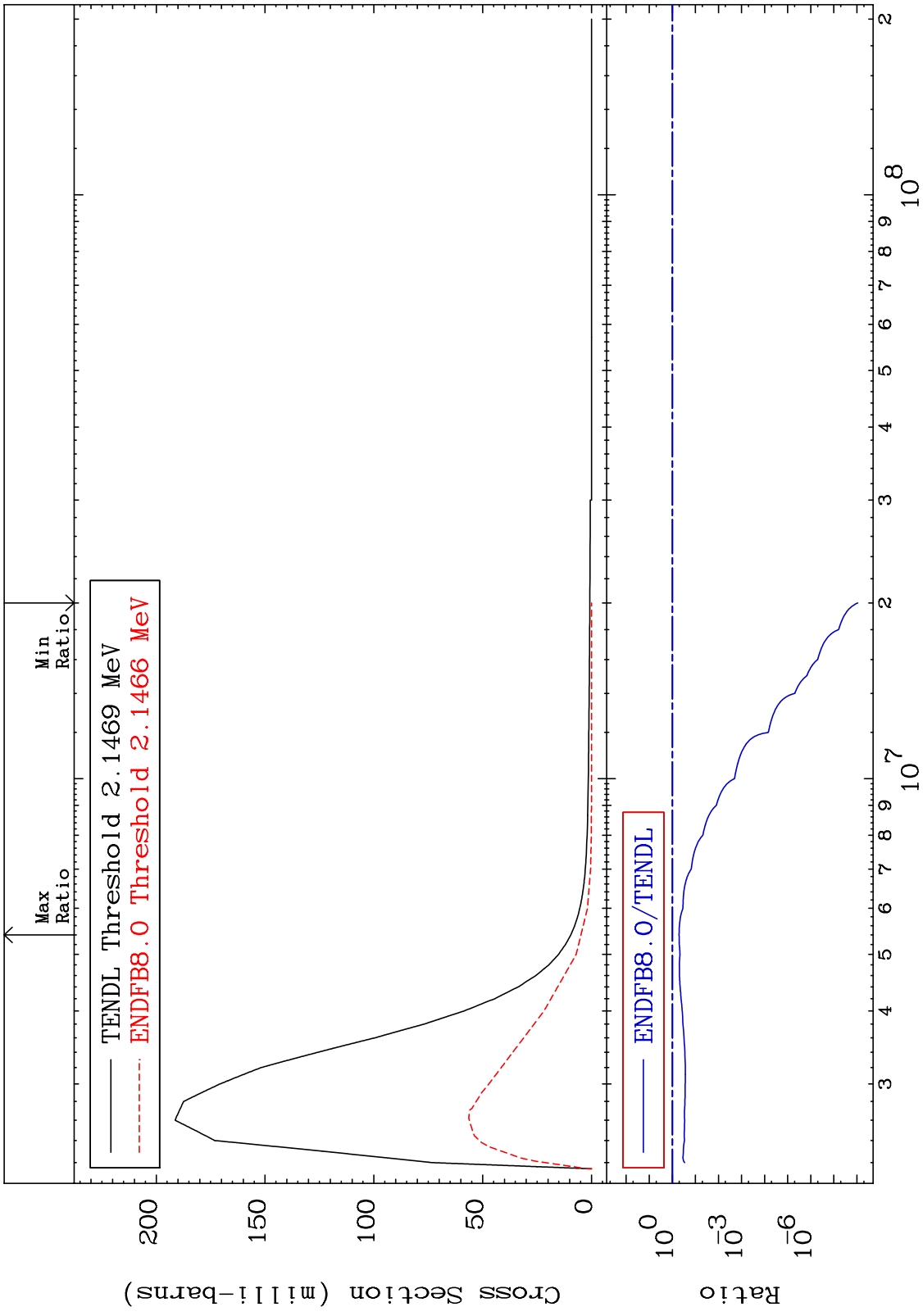
MAT 5061 MT= 51 (n,n') Level Cross Section 50-Sn-124 -100.0 To 17.38 %



MAT 5061 MT= 52 (n,n') Level Cross Section 50-Sn-124 -100.0 To 84.15 %

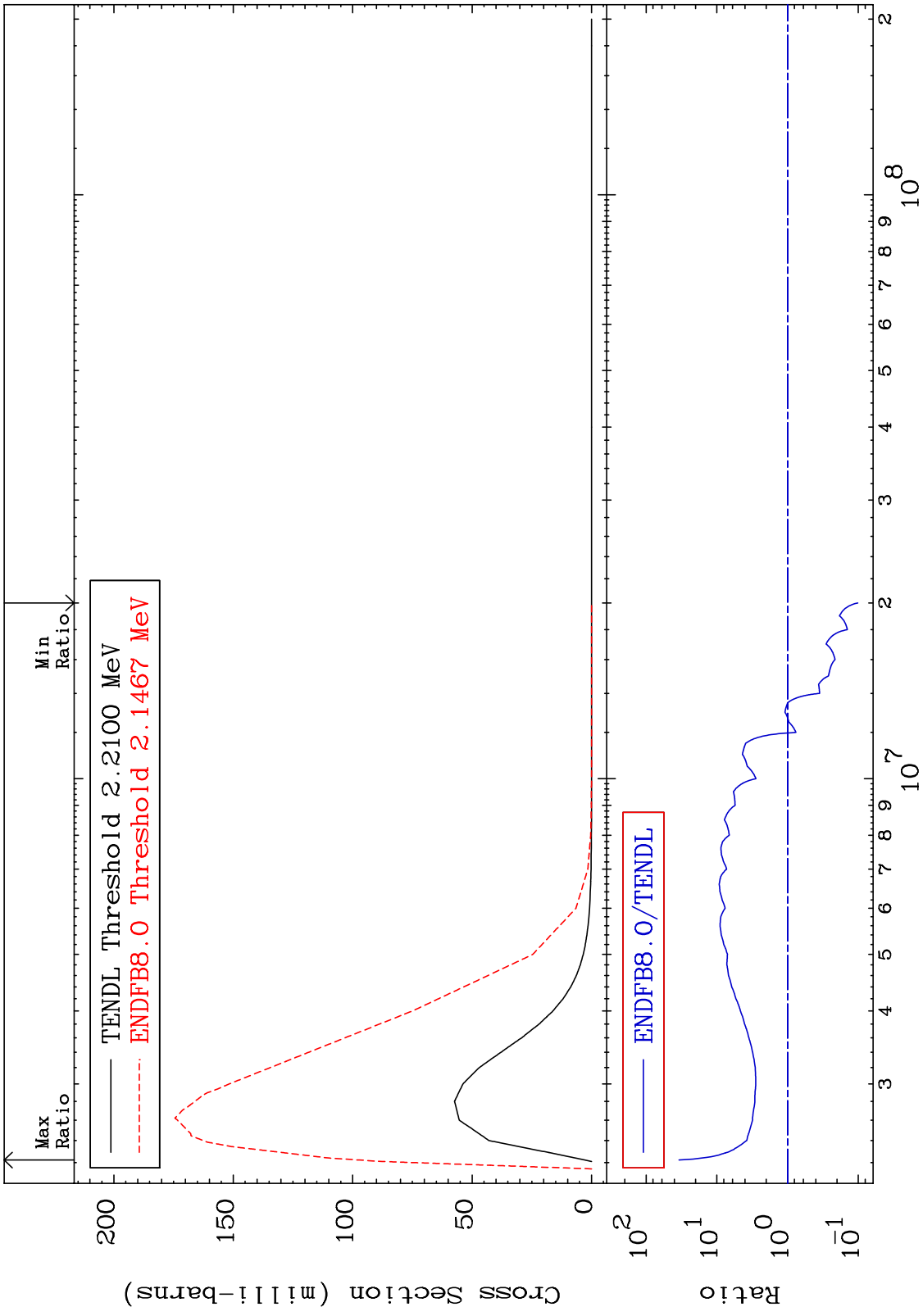


MAT 5061 MT= 53 (n,n') Level Cross Section 50-Sn-124 -100.0 To -48.92%

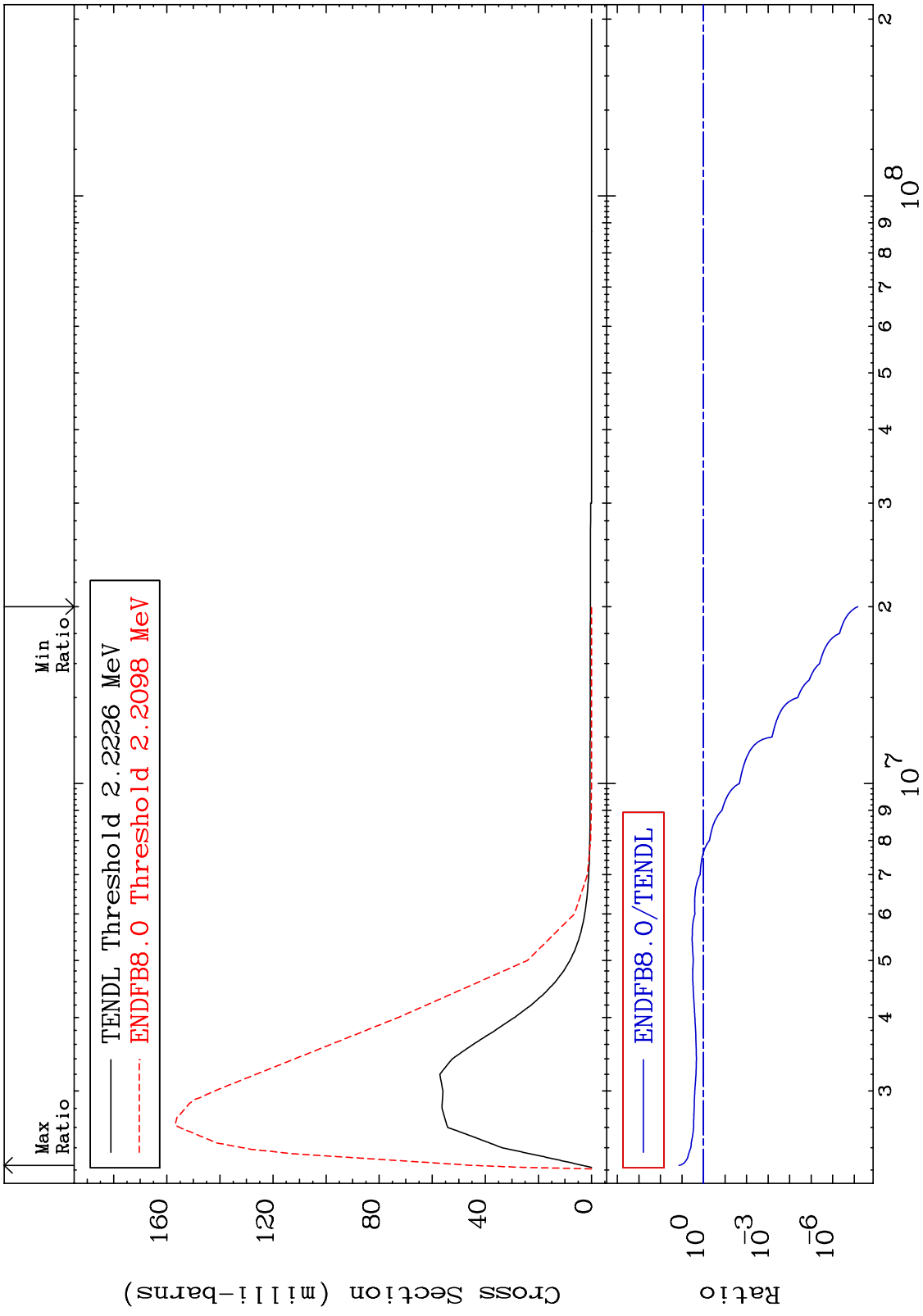


10 Incident Energy (eV) 50-Sn-124

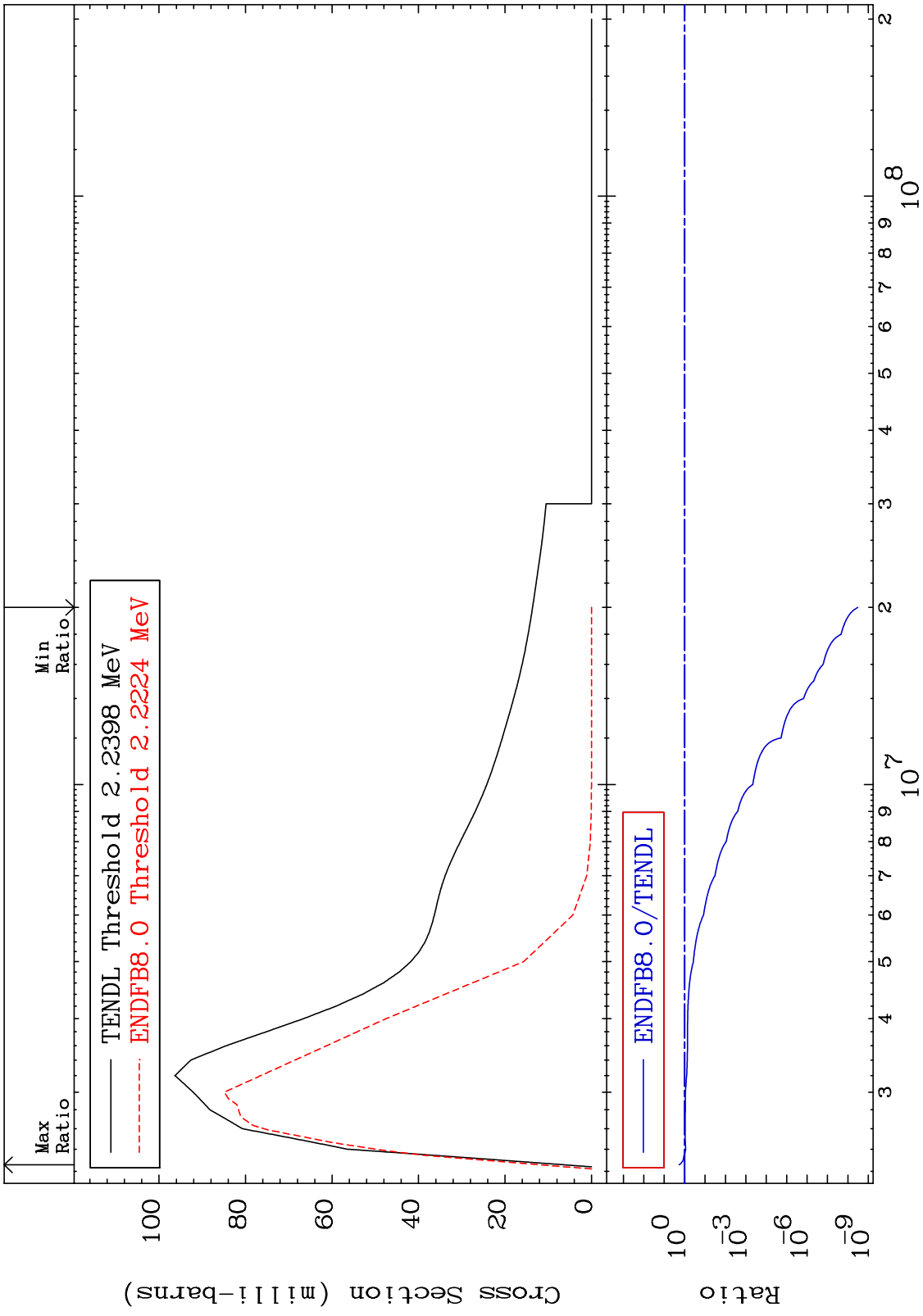
MAT 5061 MT= 54 (n,n') Level Cross Section 50-Sn-124
 -89.85 To 3327. %



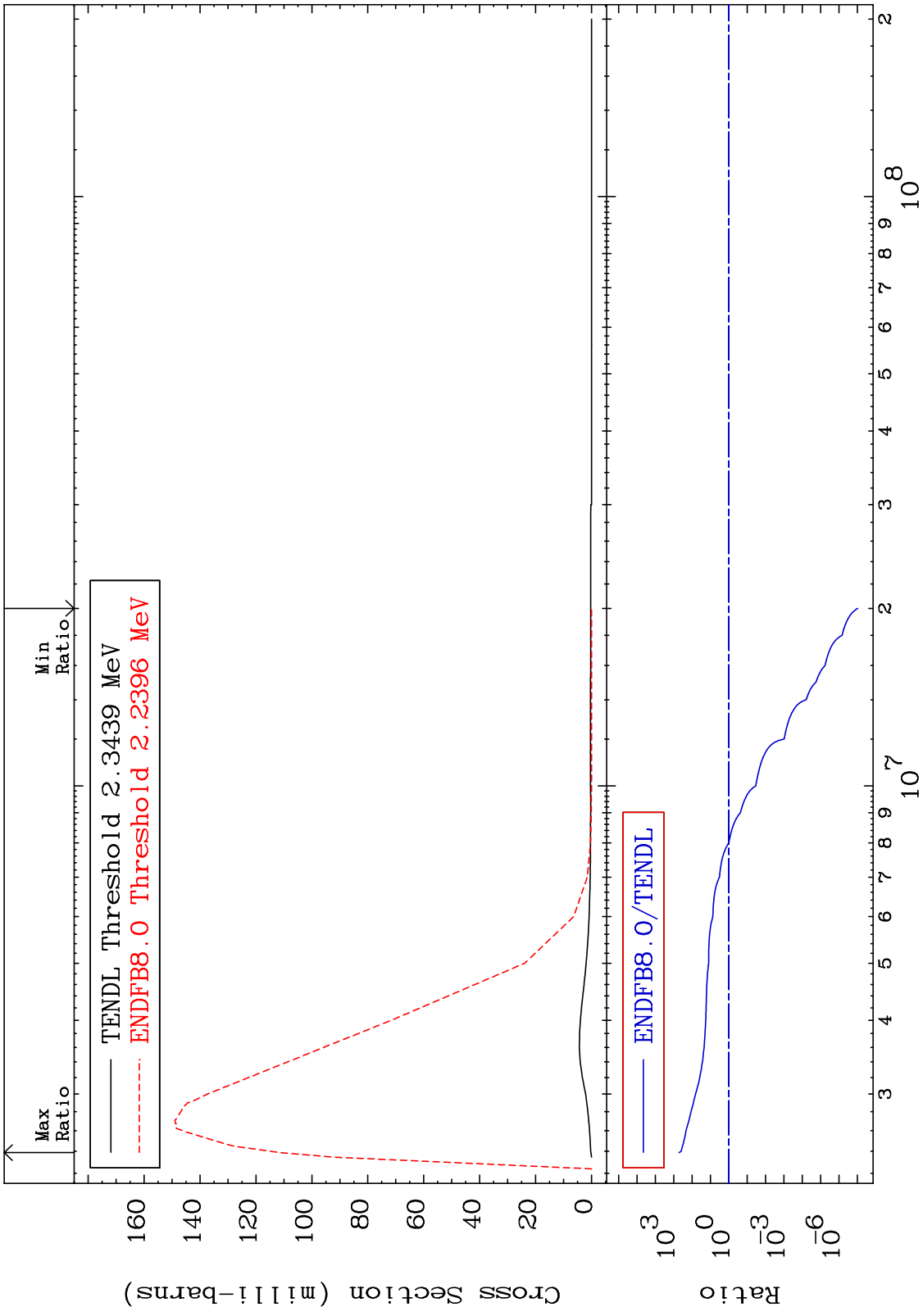
MAT 5061 MT= 55 (n,n') Level Cross Section 50-Sn-124 -100.0 To 1264. %



MAT 5061 MT= 56 (n,n') Level Cross Section 50-Sn-124 -100.0 To 87.62 %



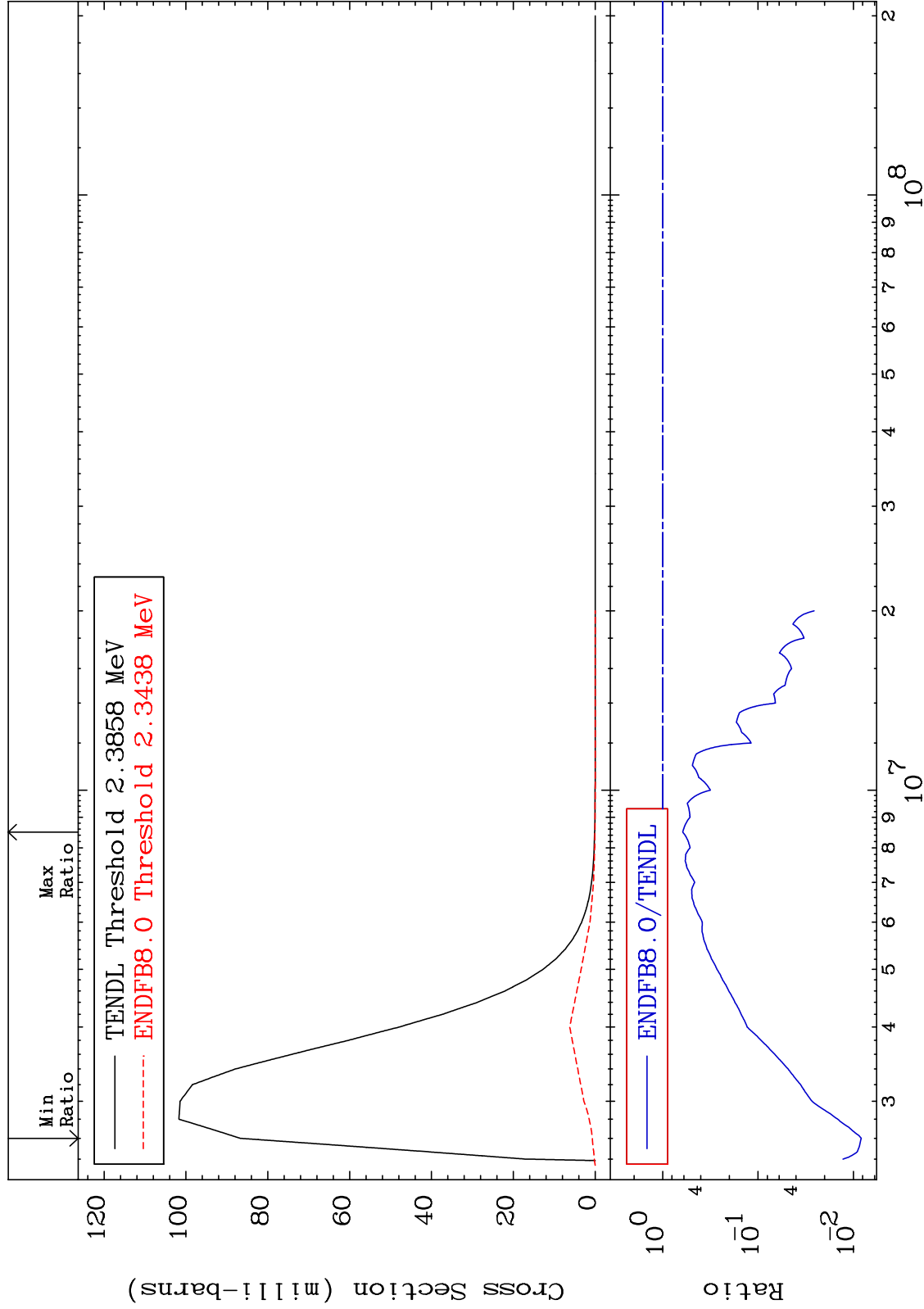
MAT 5061 MT= 57 (n,n') Level Cross Section 50-Sn-124 -100.0 To 9999. %



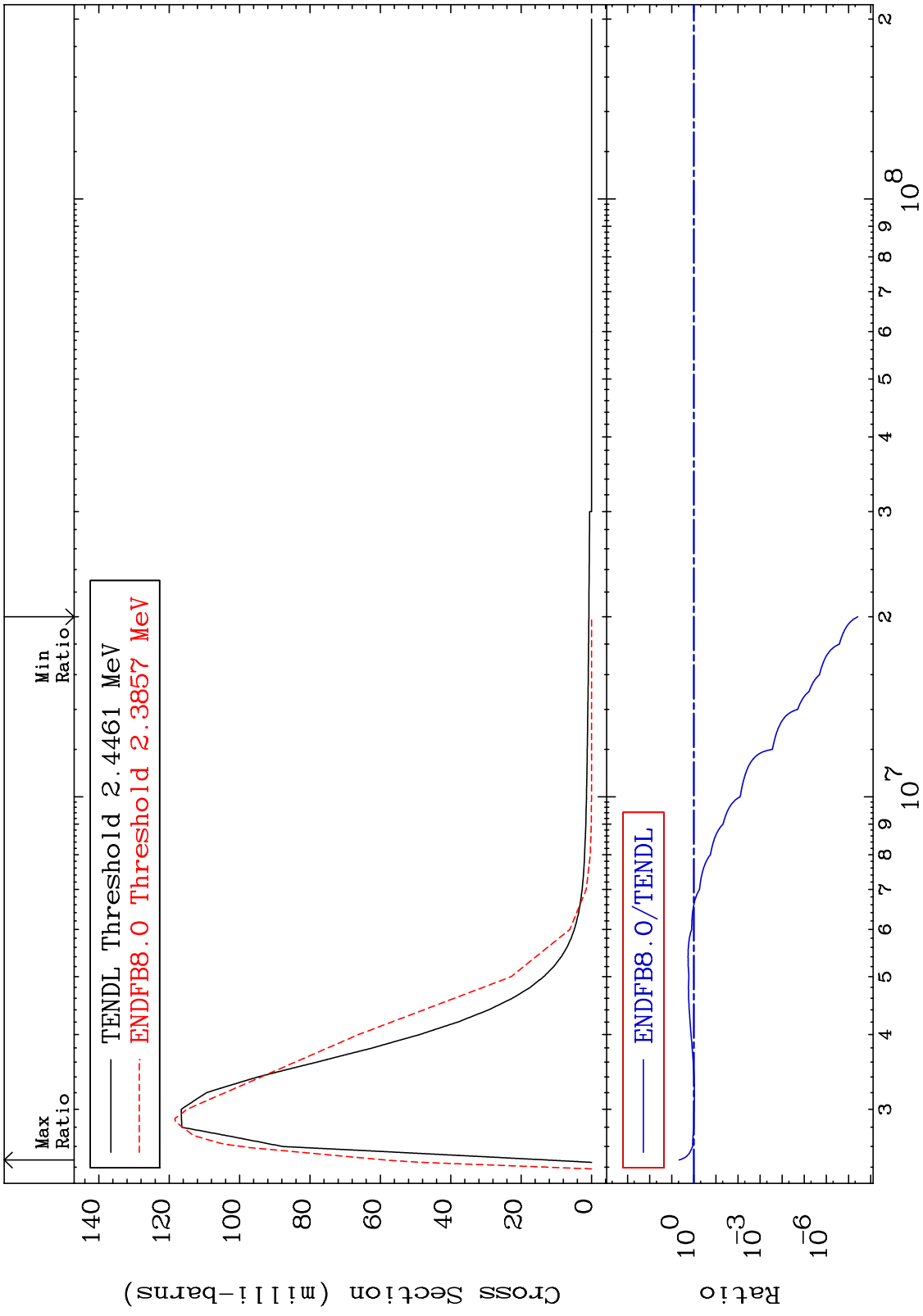
MAT 5061

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

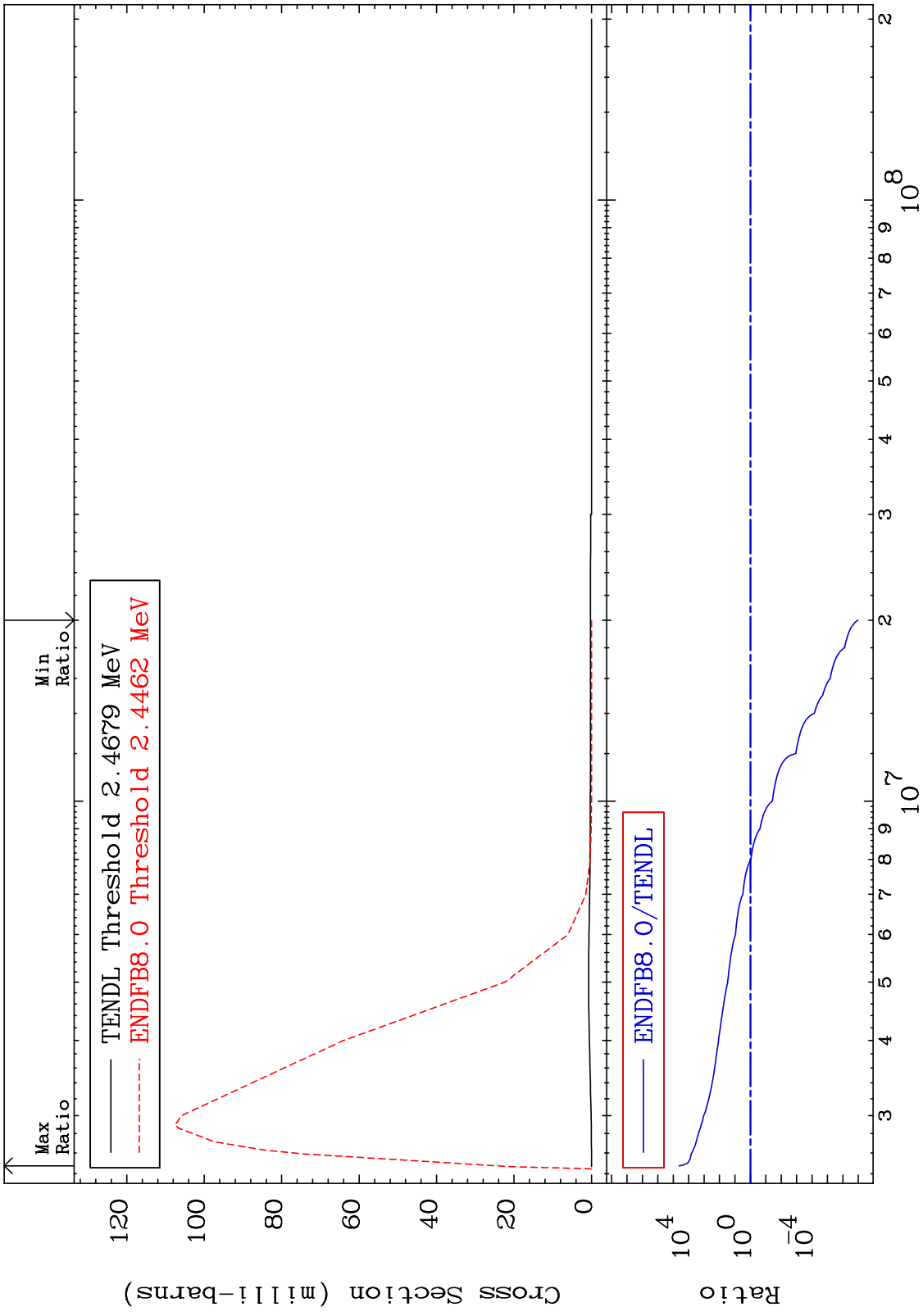
50-Sn-124
-99.17 To -38.24%



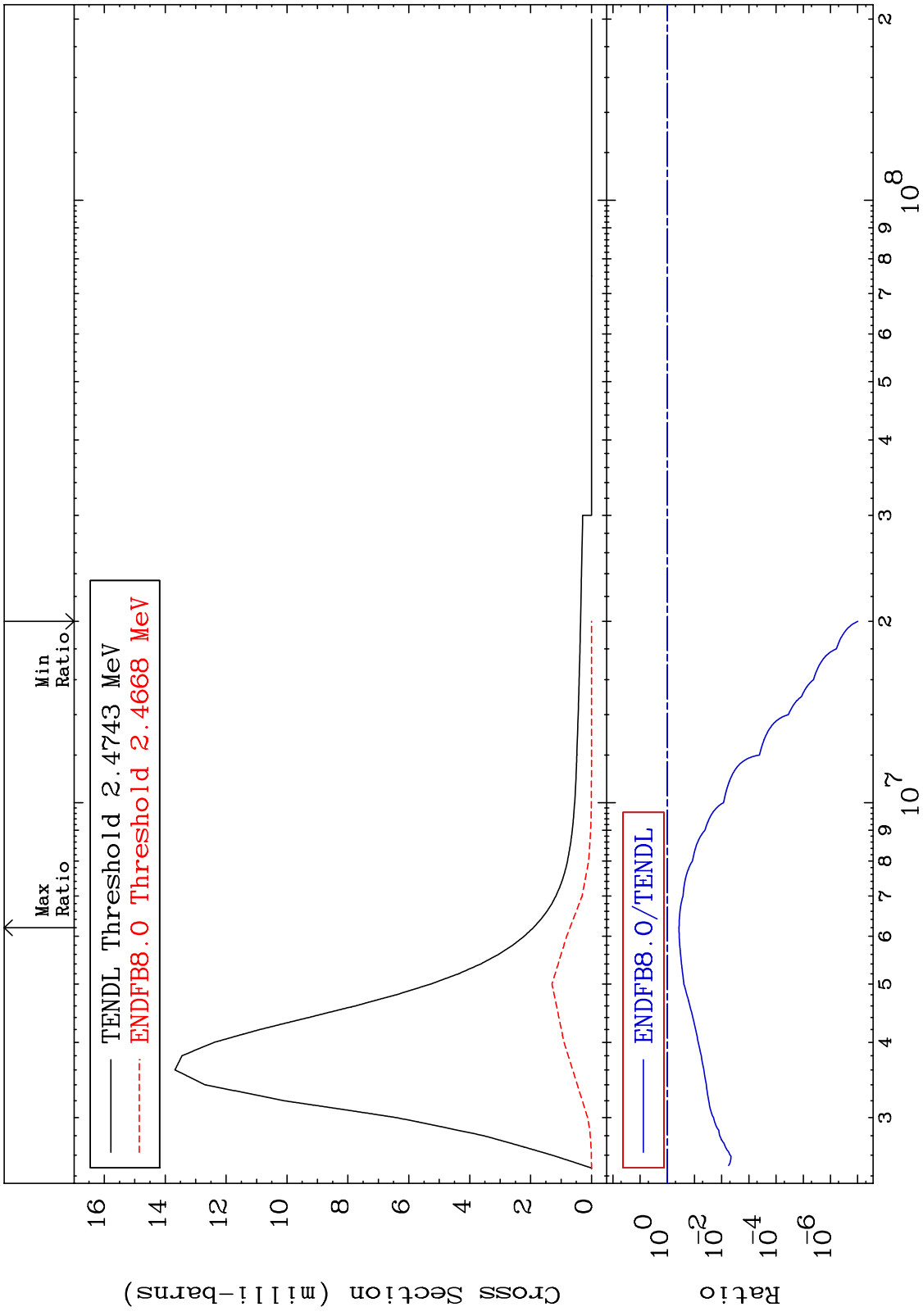
MAT 5061 MT= 59 (n,n') Level Cross Section 50-Sn-124 -100.0 To 369.8 %



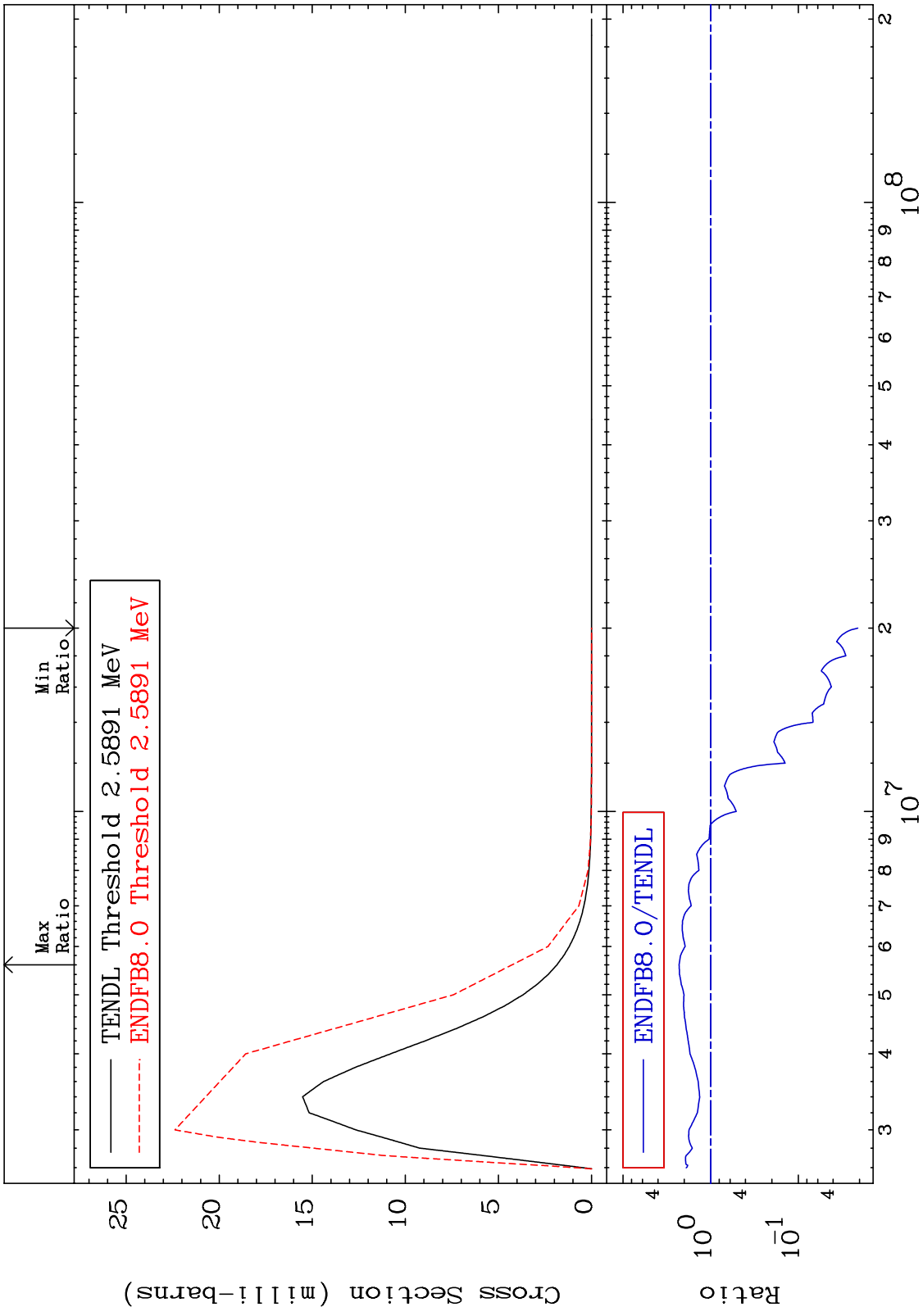
MAT 5061 MT= 60 (n,n') Level Cross Section 50-Sn-124 -100.0 To 9999. %



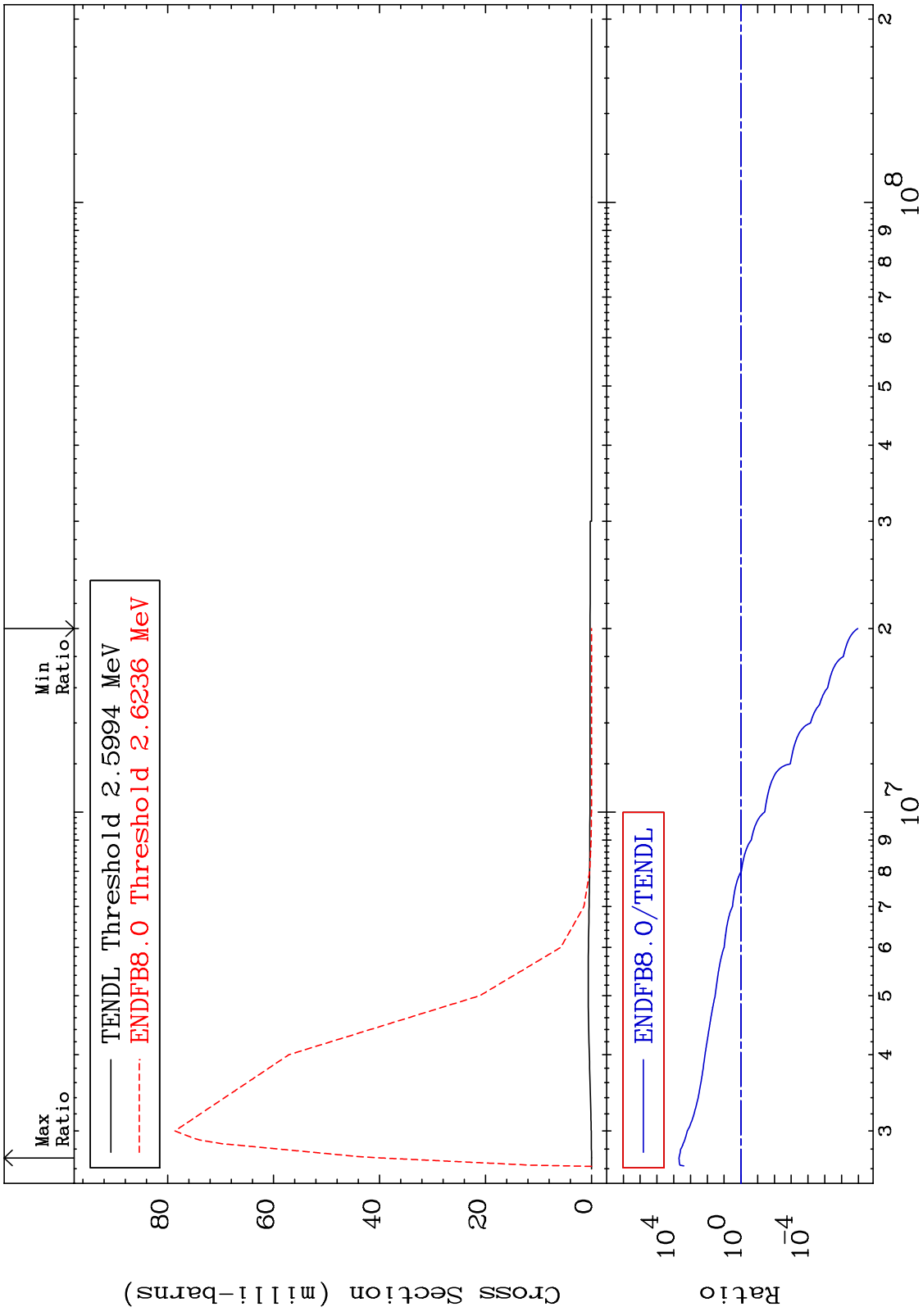
MAT 5061 MT= 61 (n,n') Level Cross Section 50-Sn-124 -100.0 To -62.97%



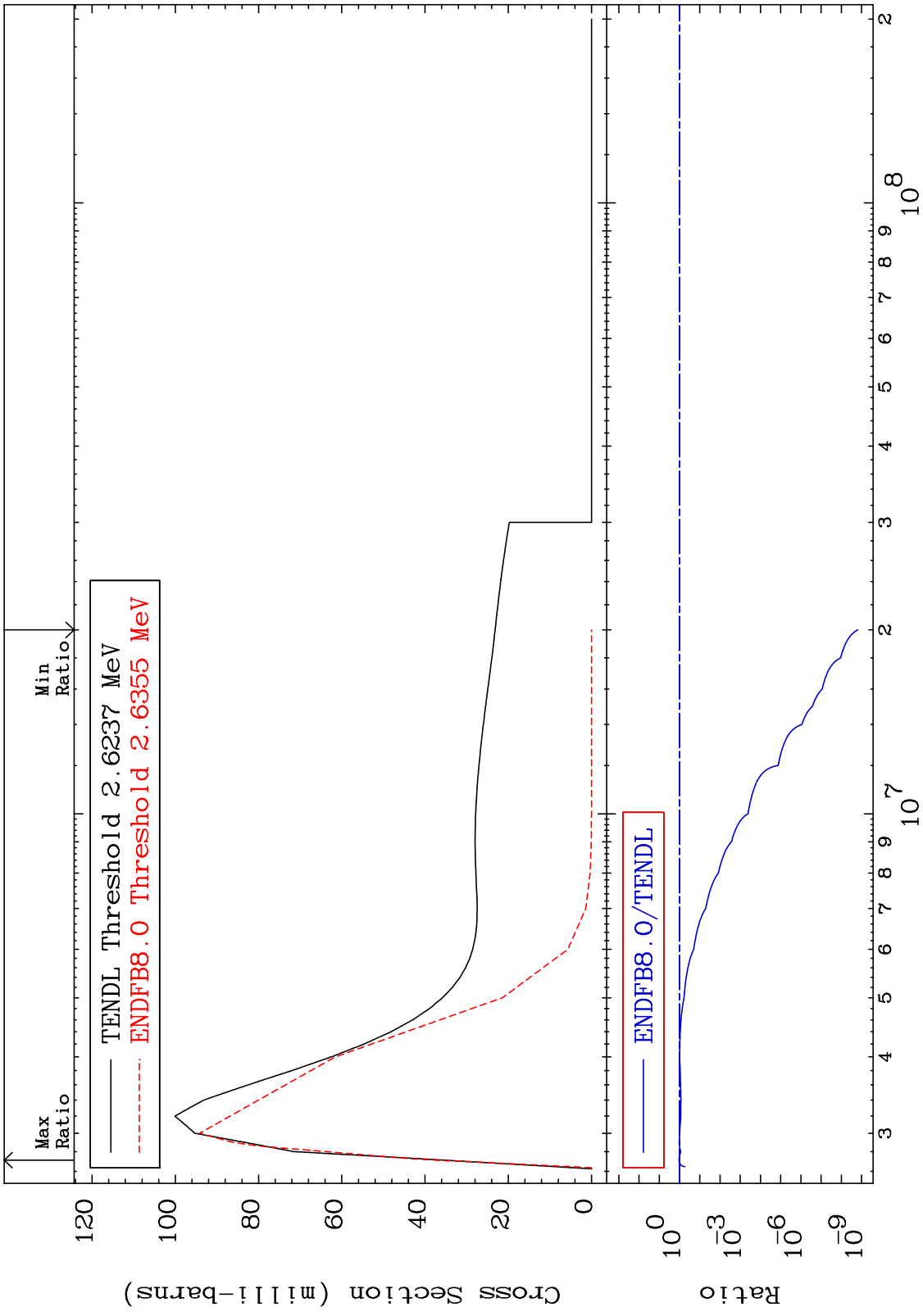
MAT 5061 MT= 62 (n,n') Level Cross Section 50-Sn-124 -97.91 To 129.5 %



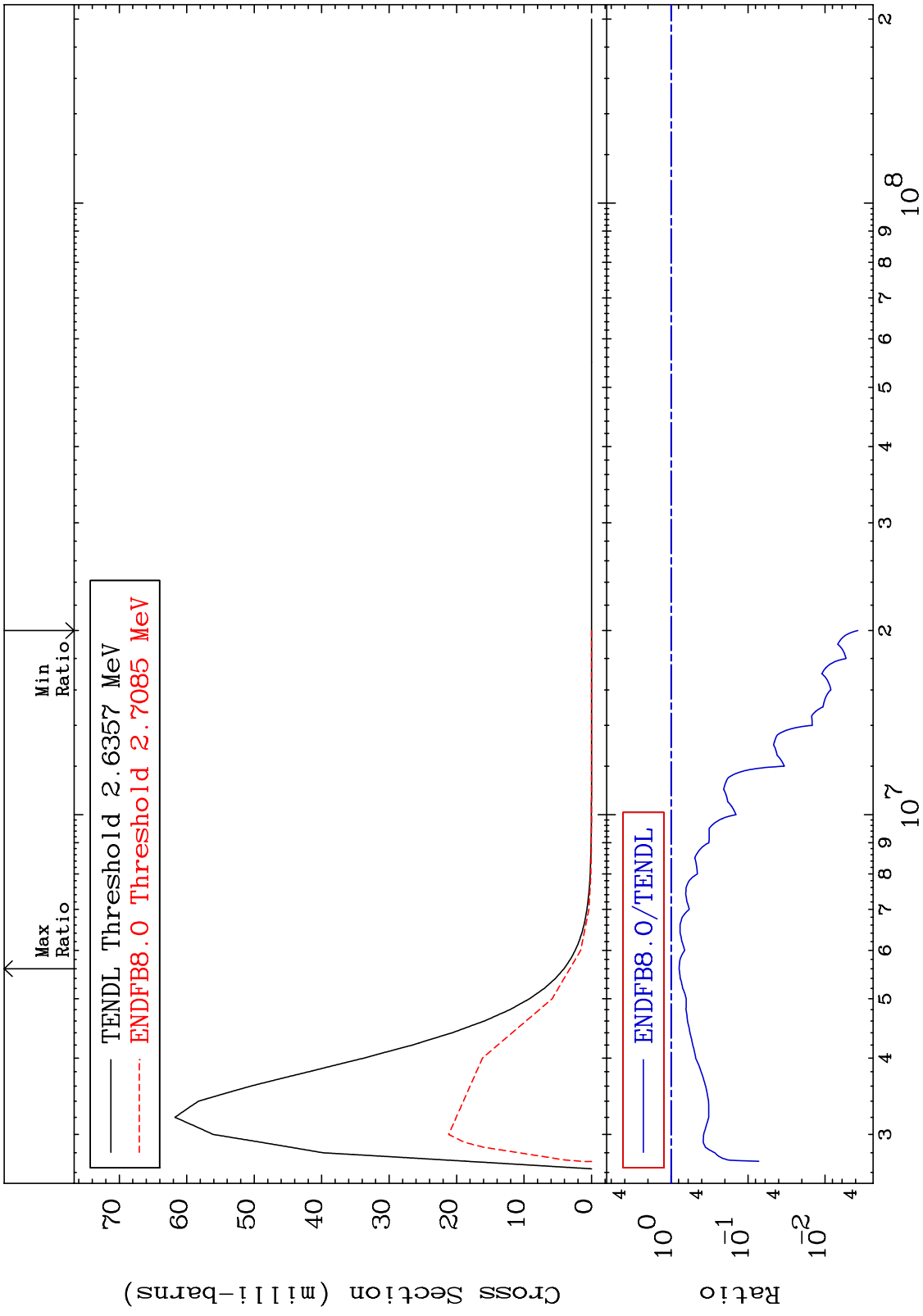
MAT 5061 MT= 63 (n,n') Level Cross Section 50-Sn-124 -100.0 To 9999. %



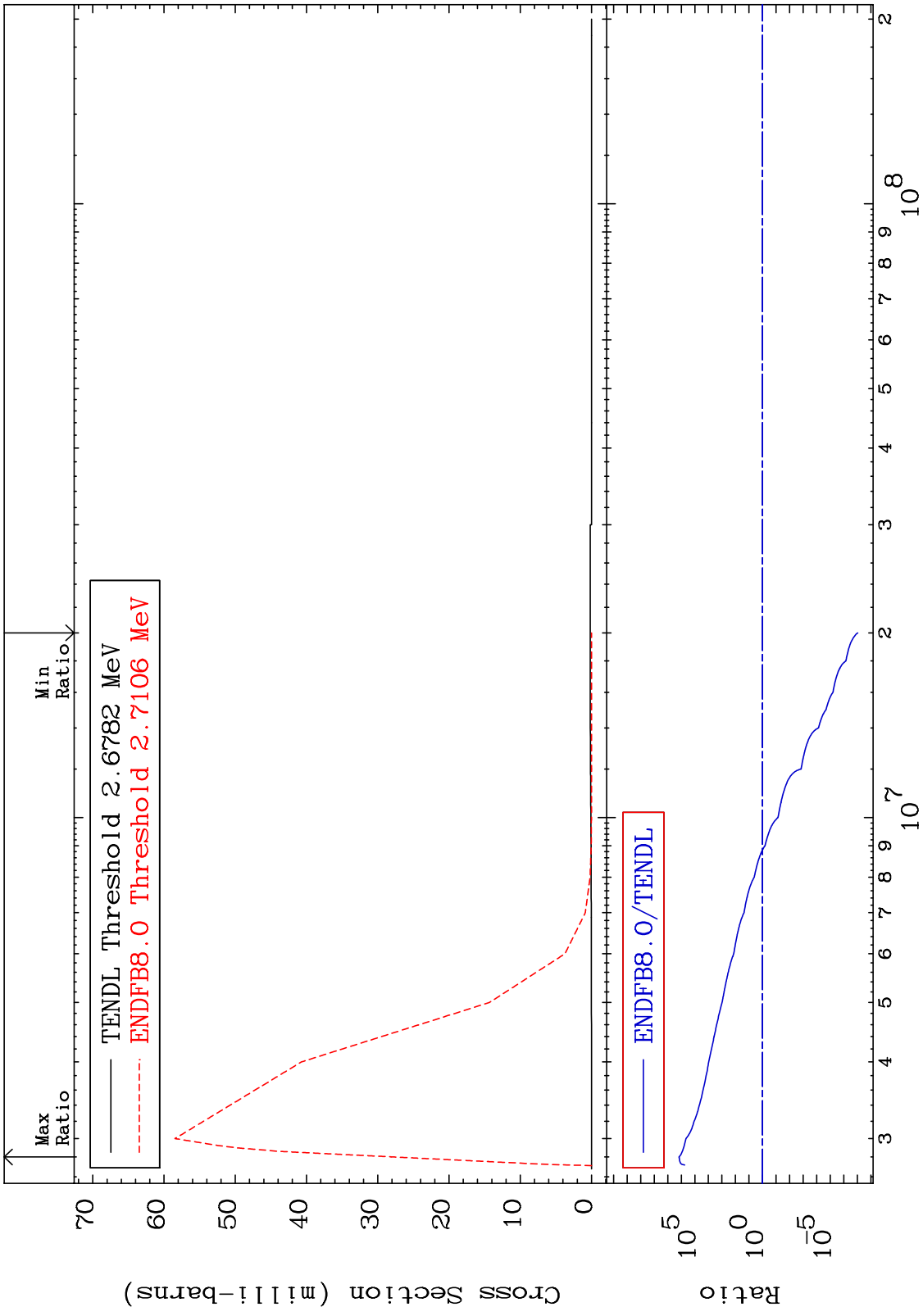
MAT 5061 MT= 64 (n,n') Level Cross Section 50-Sn-124 -100.0 To 5.551 %



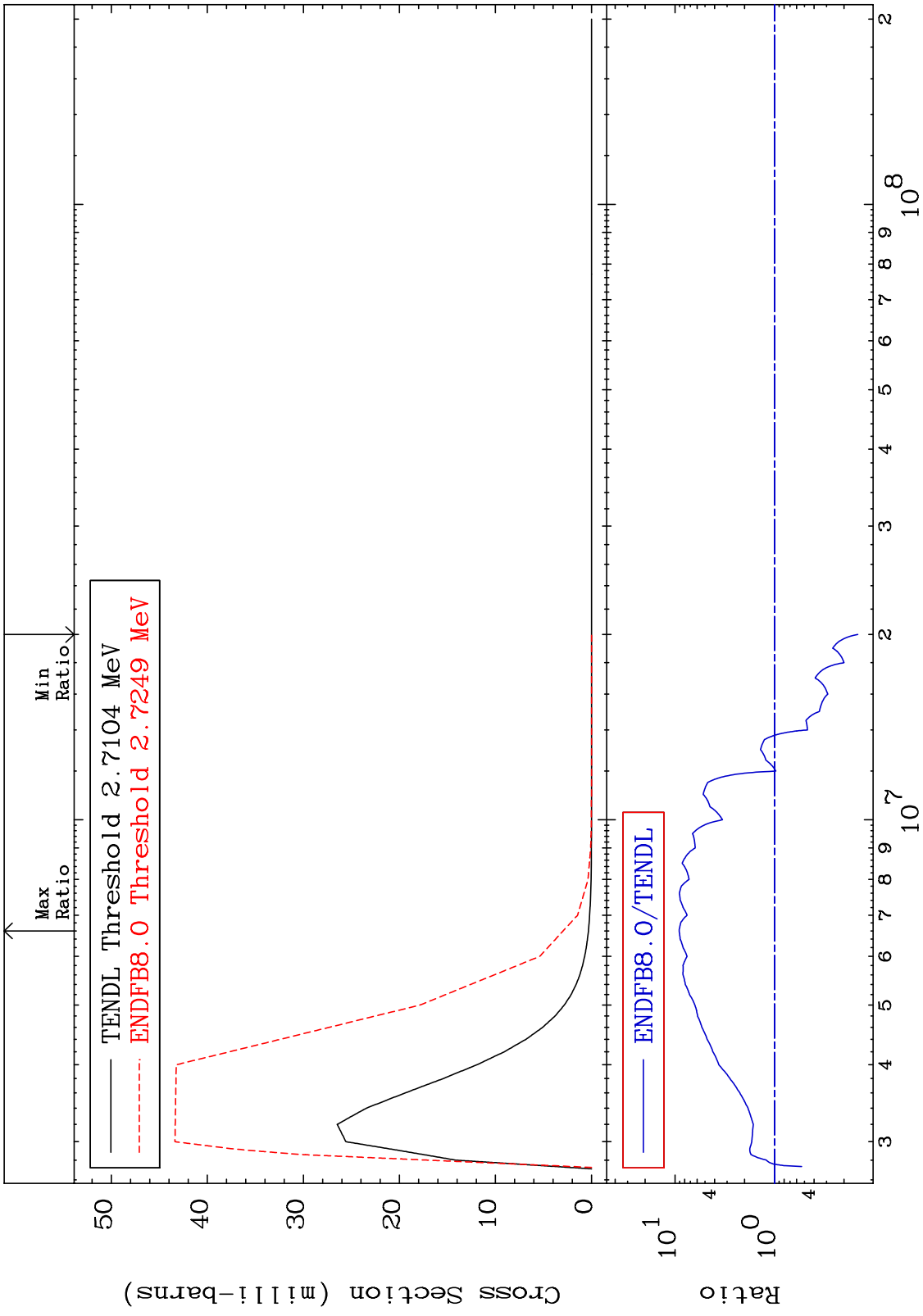
MAT 5061 MT= 65 (n,n') Level Cross Section 50-Sn-124 -99.62 To -21.15%



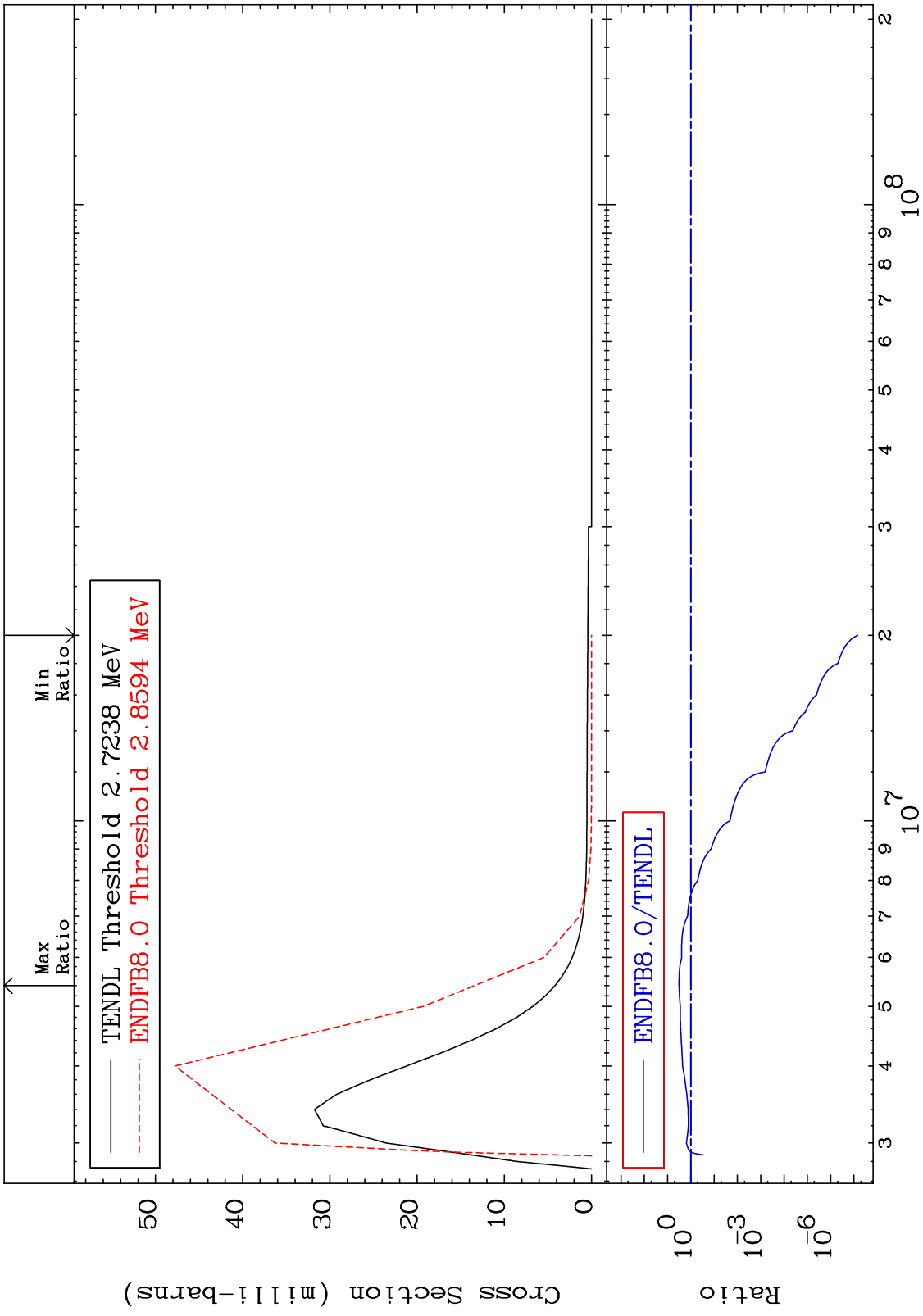
MAT 5061 MT= 66 (n,n') Level Cross Section 50-Sn-124 -100.0 To 9999. %



MAT 5061 MT= 67 (n,n') Level Cross Section 50-Sn-124 -85.46 To 810.8 %

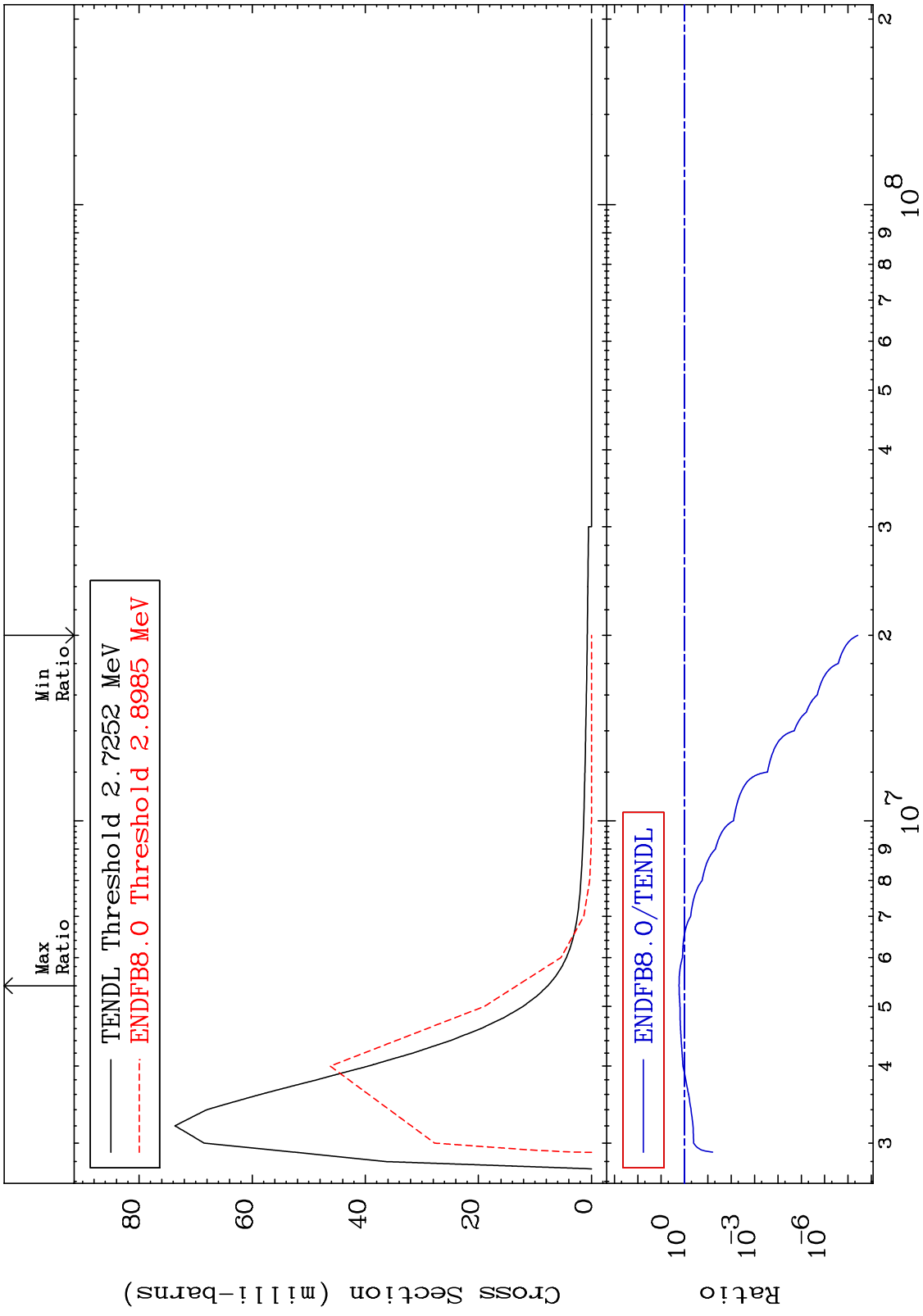


MAT 5061 MT= 68 (n,n') Level Cross Section 50-Sn-124 -100.0 To 221.0 %

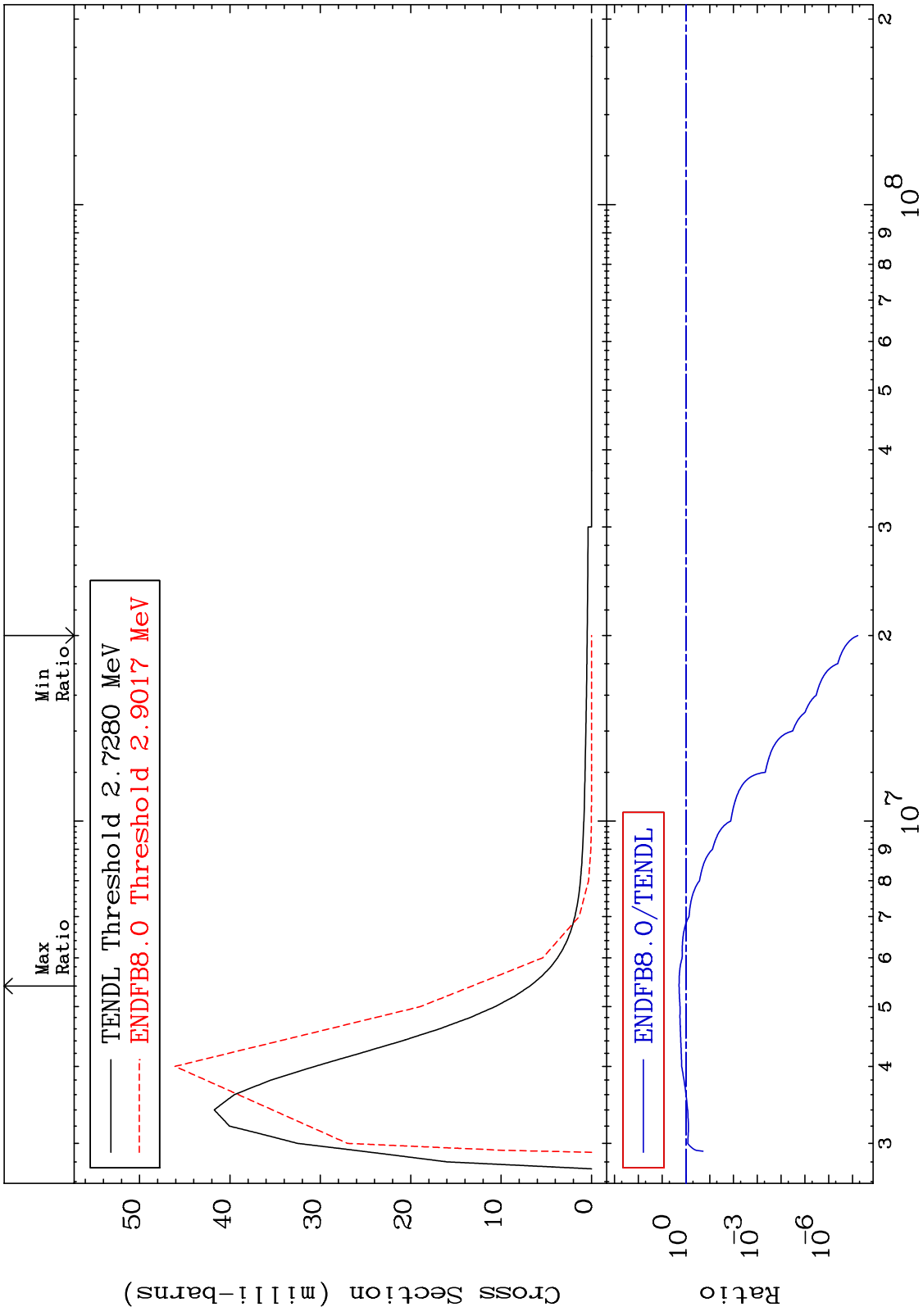


25 Incident Energy (eV) 50-Sn-124

MAT 5061 MT= 69 (n,n') Level Cross Section 50-Sn-124
 -100.0 To 71.35 %



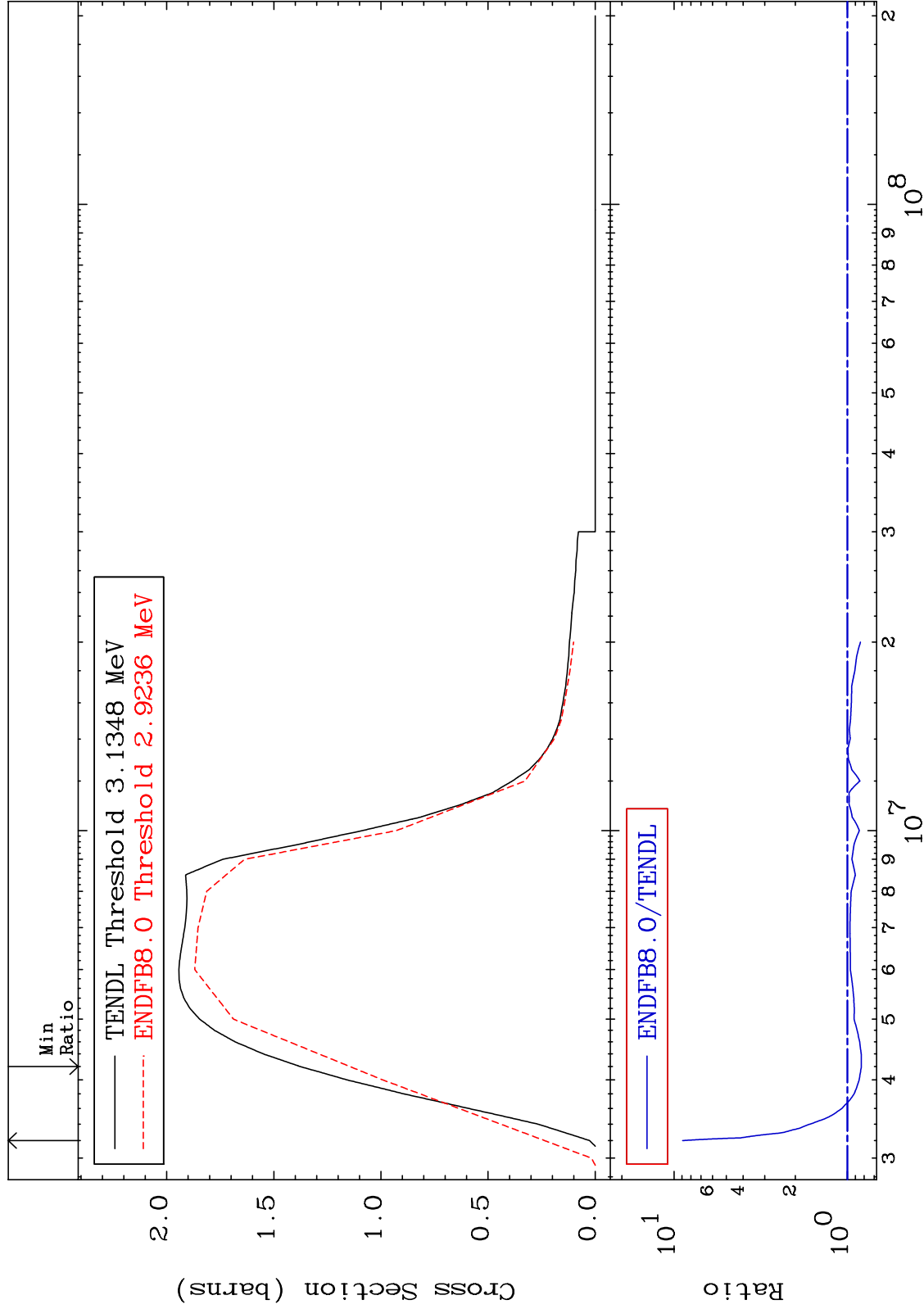
MAT 5061 MT= 70 (n,n') Level Cross Section 50-Sn-124 -100.0 To 94.27 %



MAT 5061

(n,n') Continuum
Cross Section

50-Sn-124
-16.89 To 792.2 %



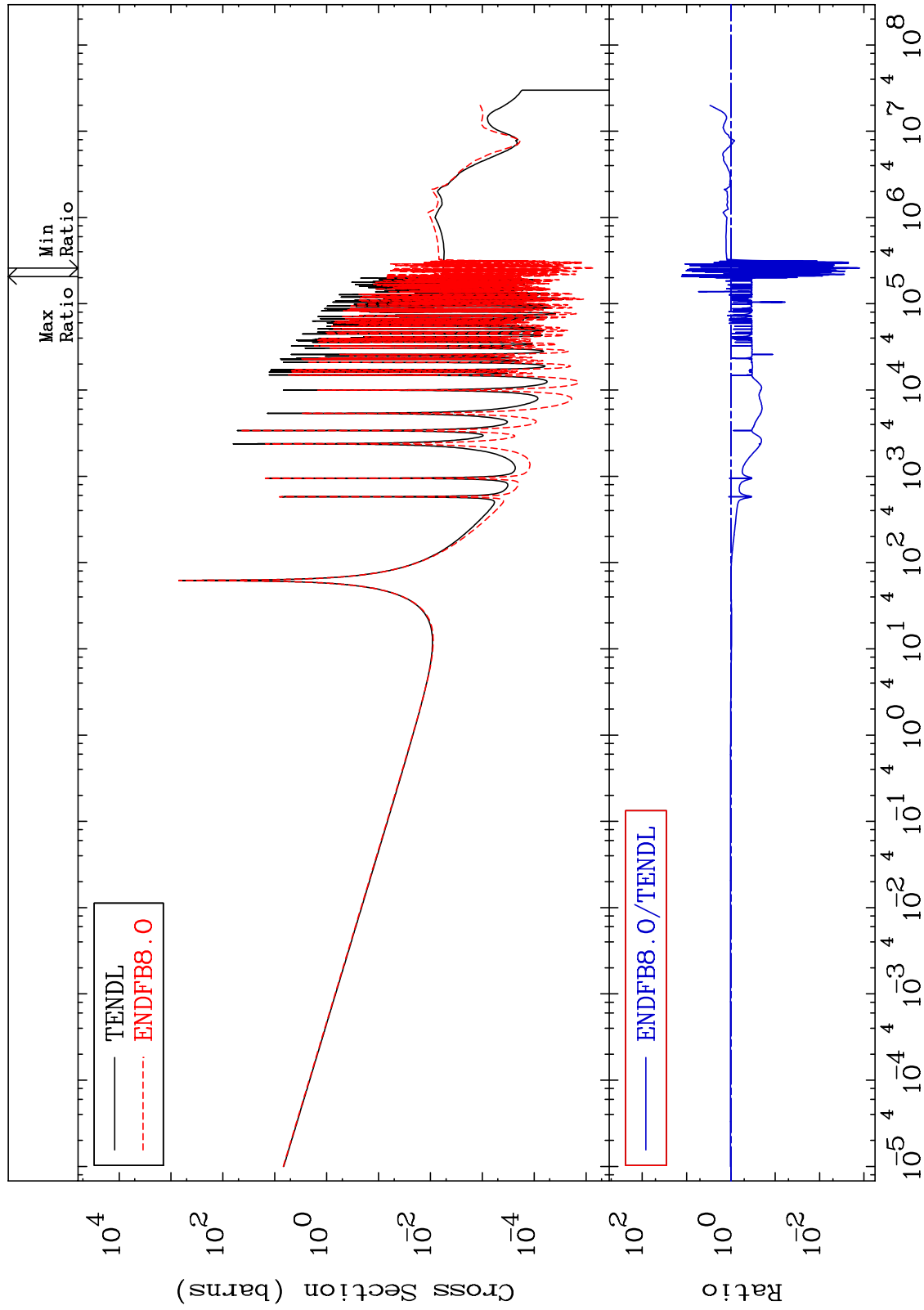
MAT 5061

(n, γ)

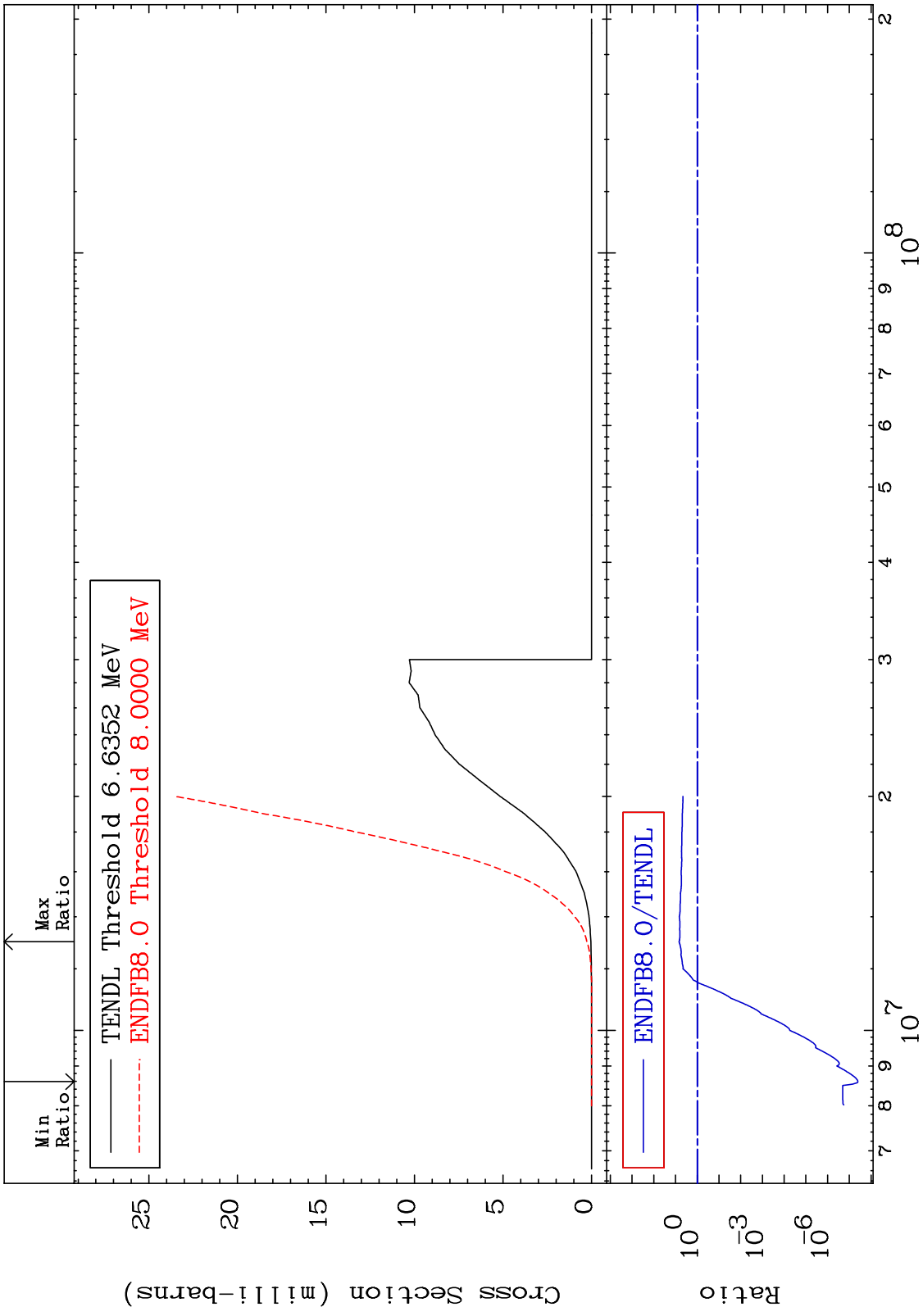
50-Sn-124

Cross Section

-99.88 To 1202. %



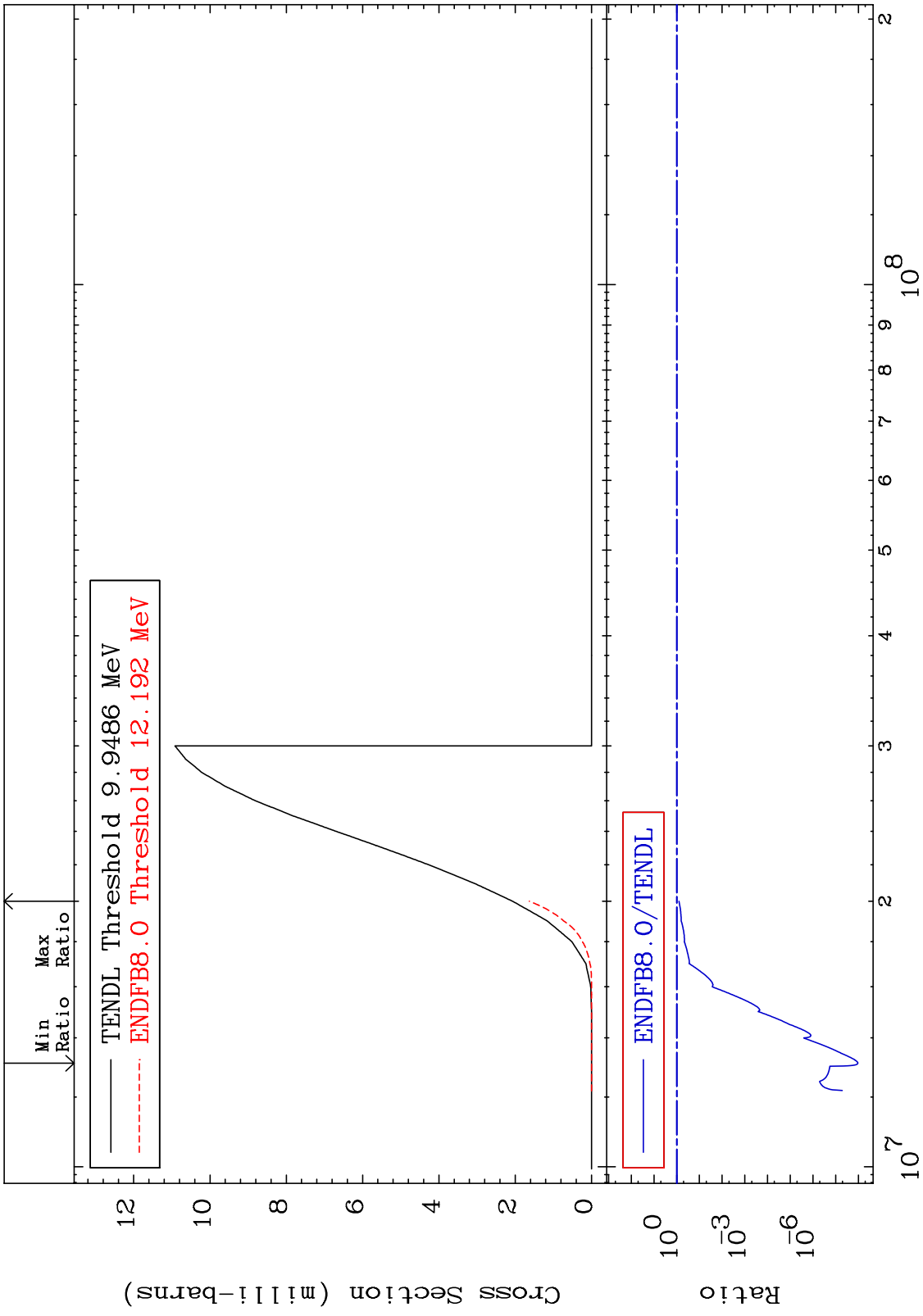
MAT 5061 (n,p) Cross Section 50-Sn-124 -100.0 To 588.9 %



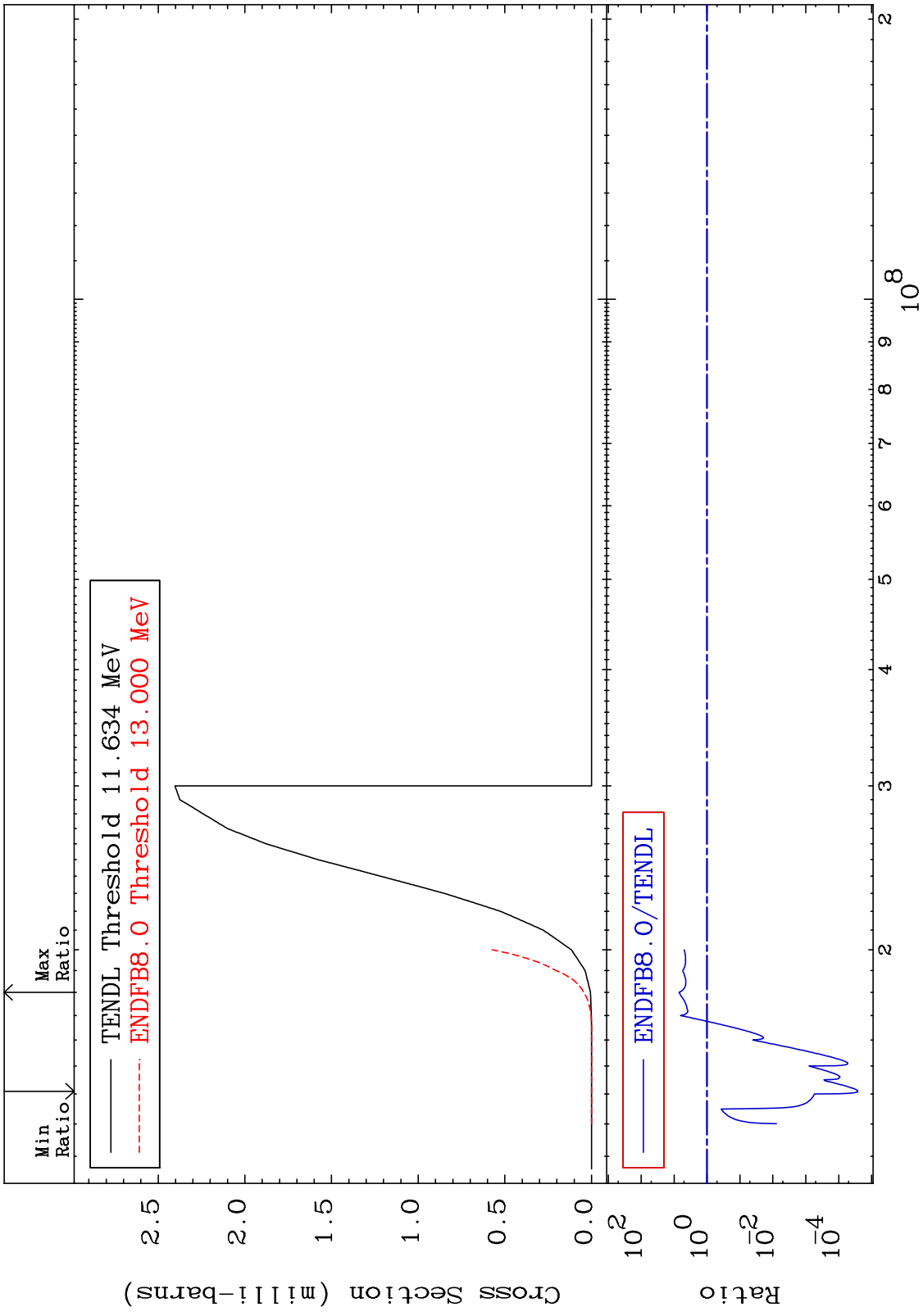
30 Incident Energy (eV) 50-Sn-124

MAT 5061 50-Sn-124
-100.0 To -21.17%

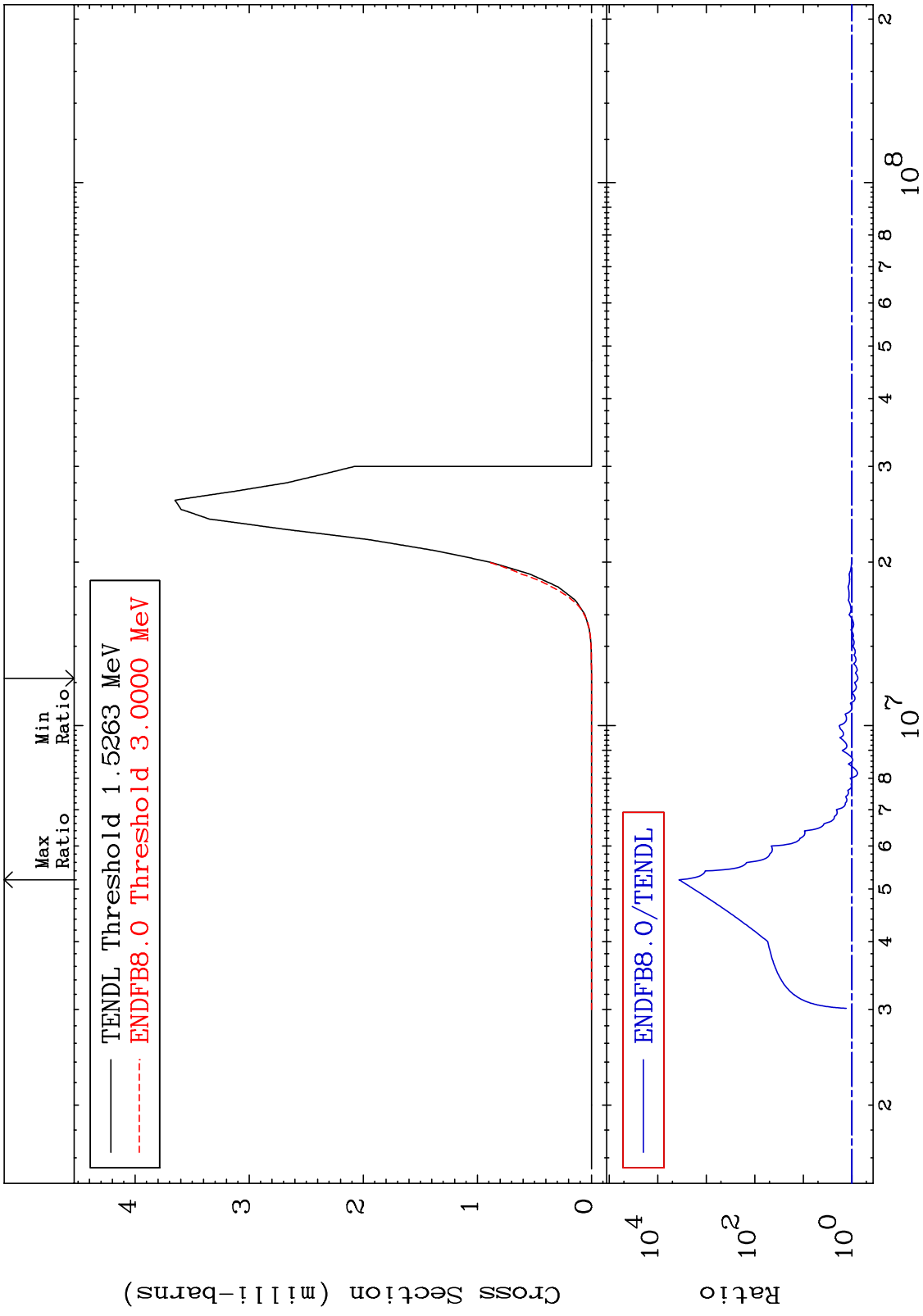
(n,d)
 Cross Section



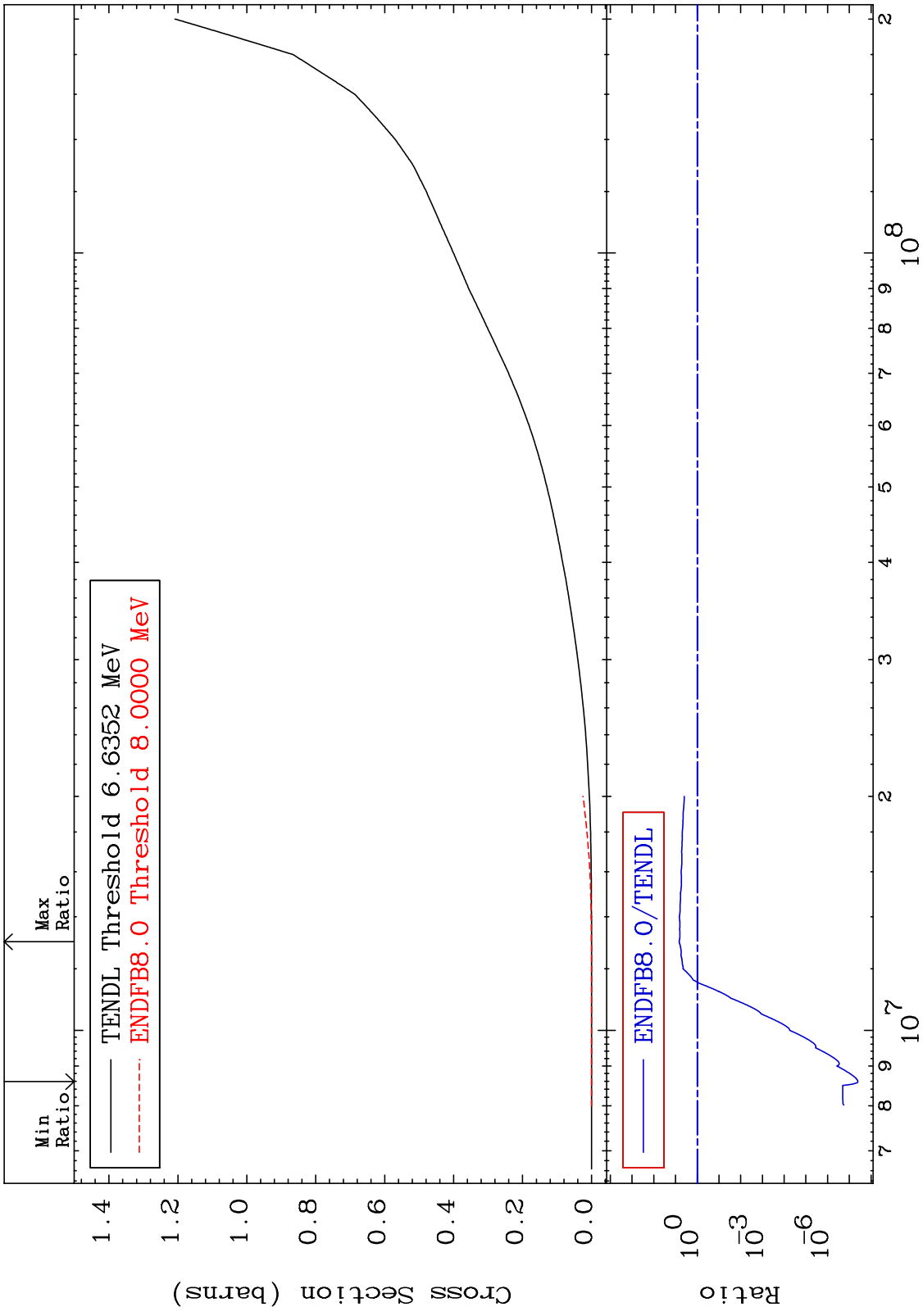
MAT 5061 (n,t) 50-Sn-124
 Cross Section -100.0 To 608.4 %



MAT 5061 50-Sn-124
-24.91 To 9999. %



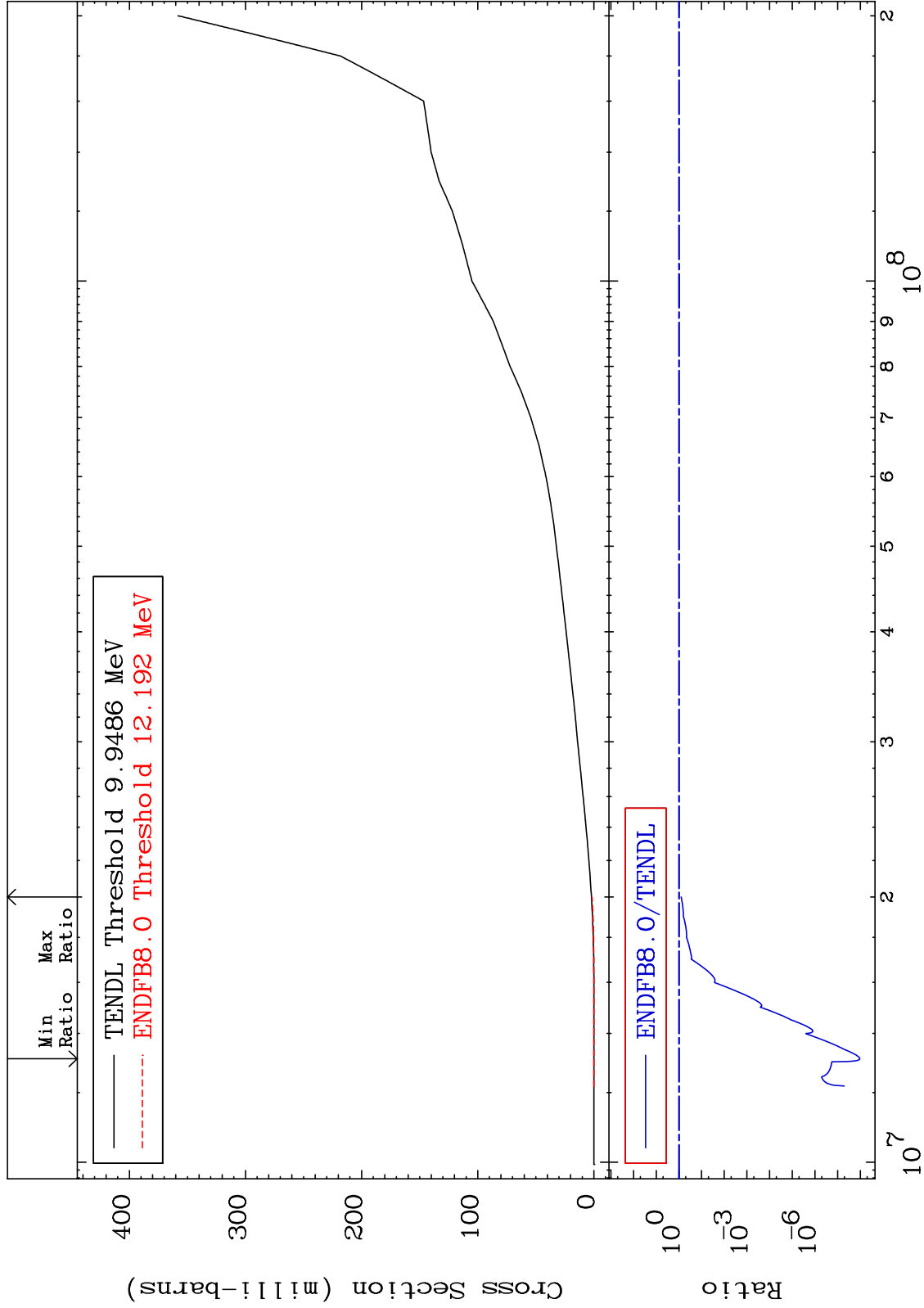
MAT 5061 Hydrogen Production Cross Section 50-Sn-124 -100.0 To 588.9 %



MAT 5061

Deuterium Production
Cross Section

50-Sn-124
-100.0 To -21.17%

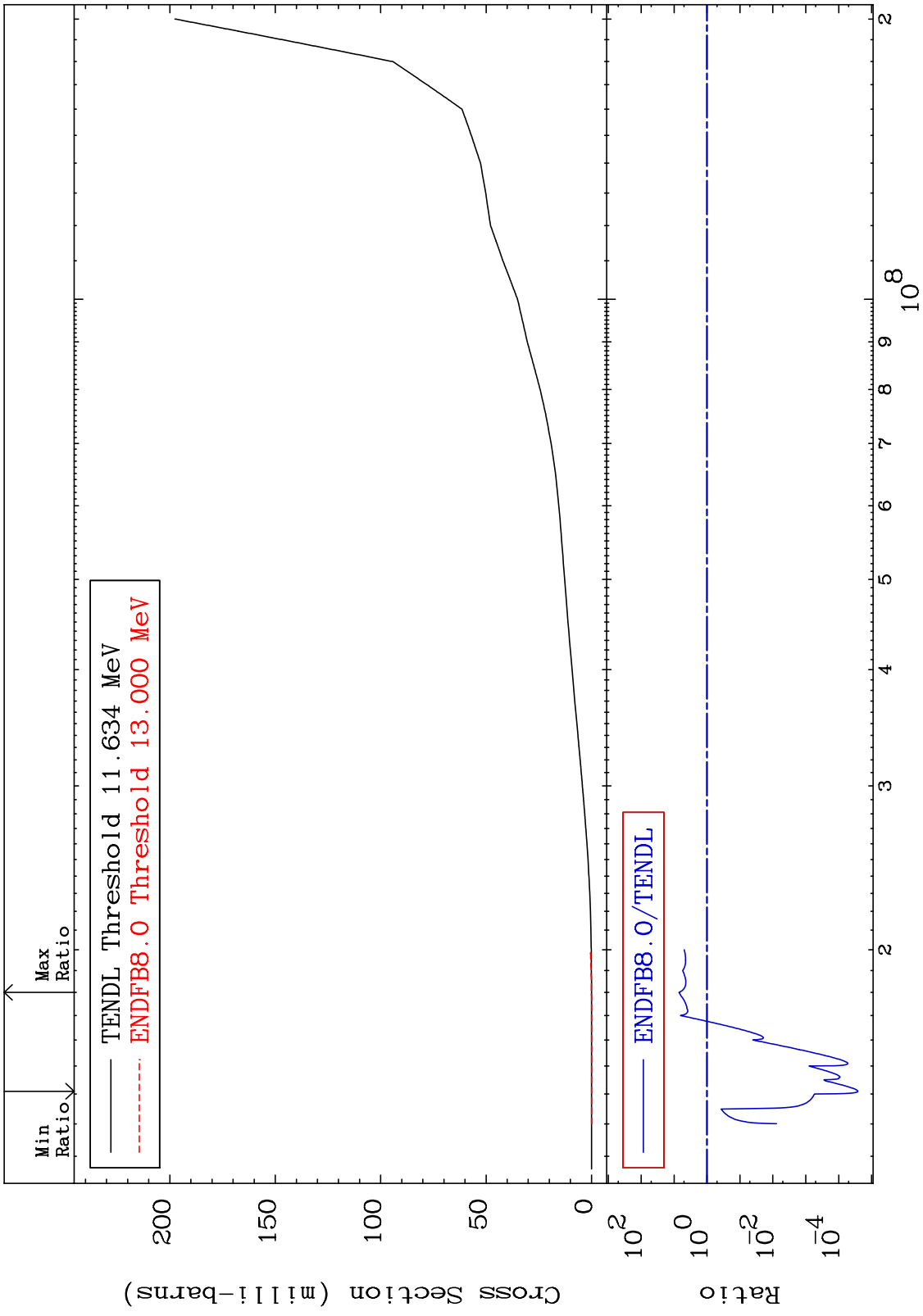


35

Incident Energy (eV)

50-Sn-124

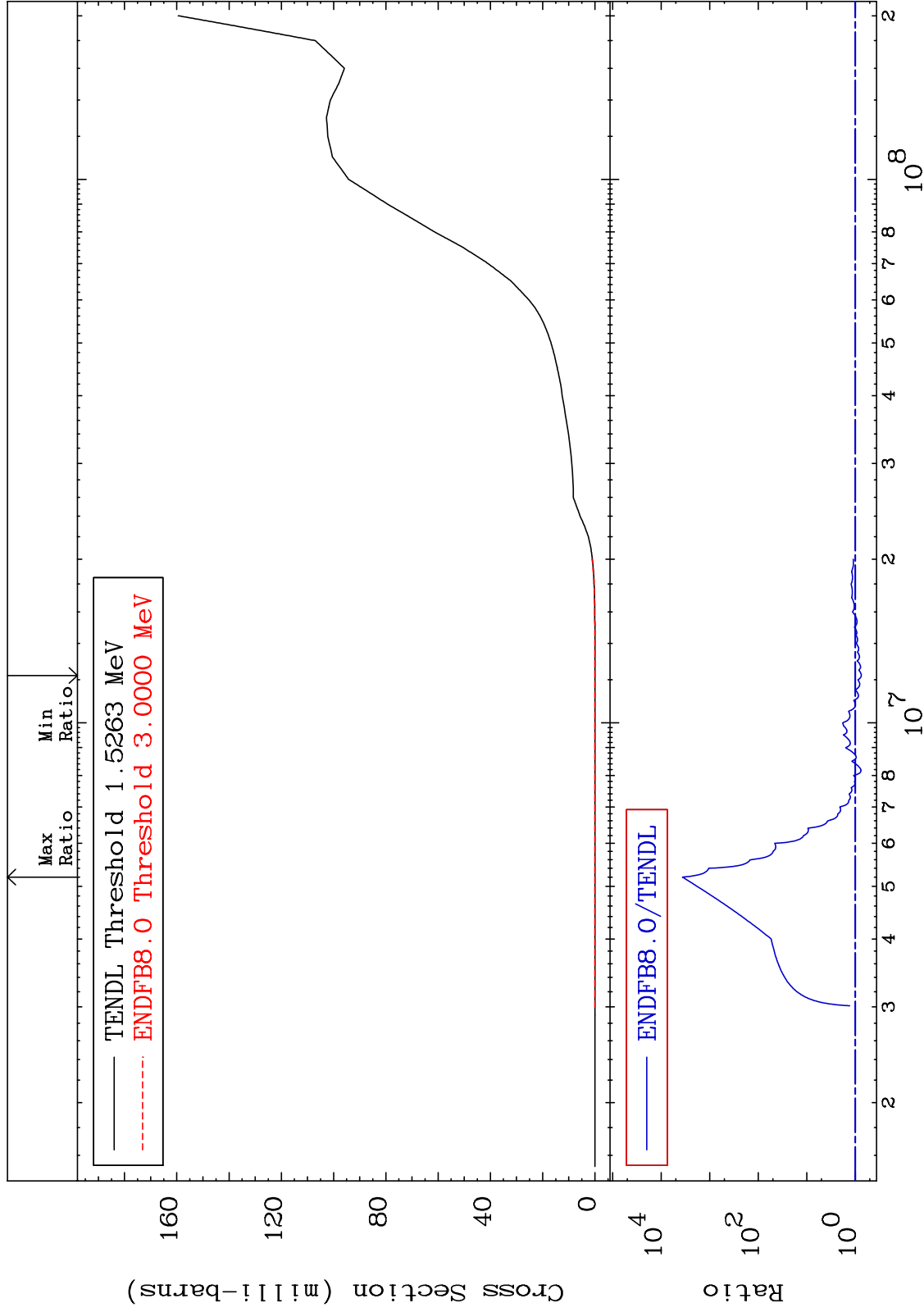
MAT 5061 Tritium Production Cross Section 50-Sn-124
 -100.0 To 608.4 %



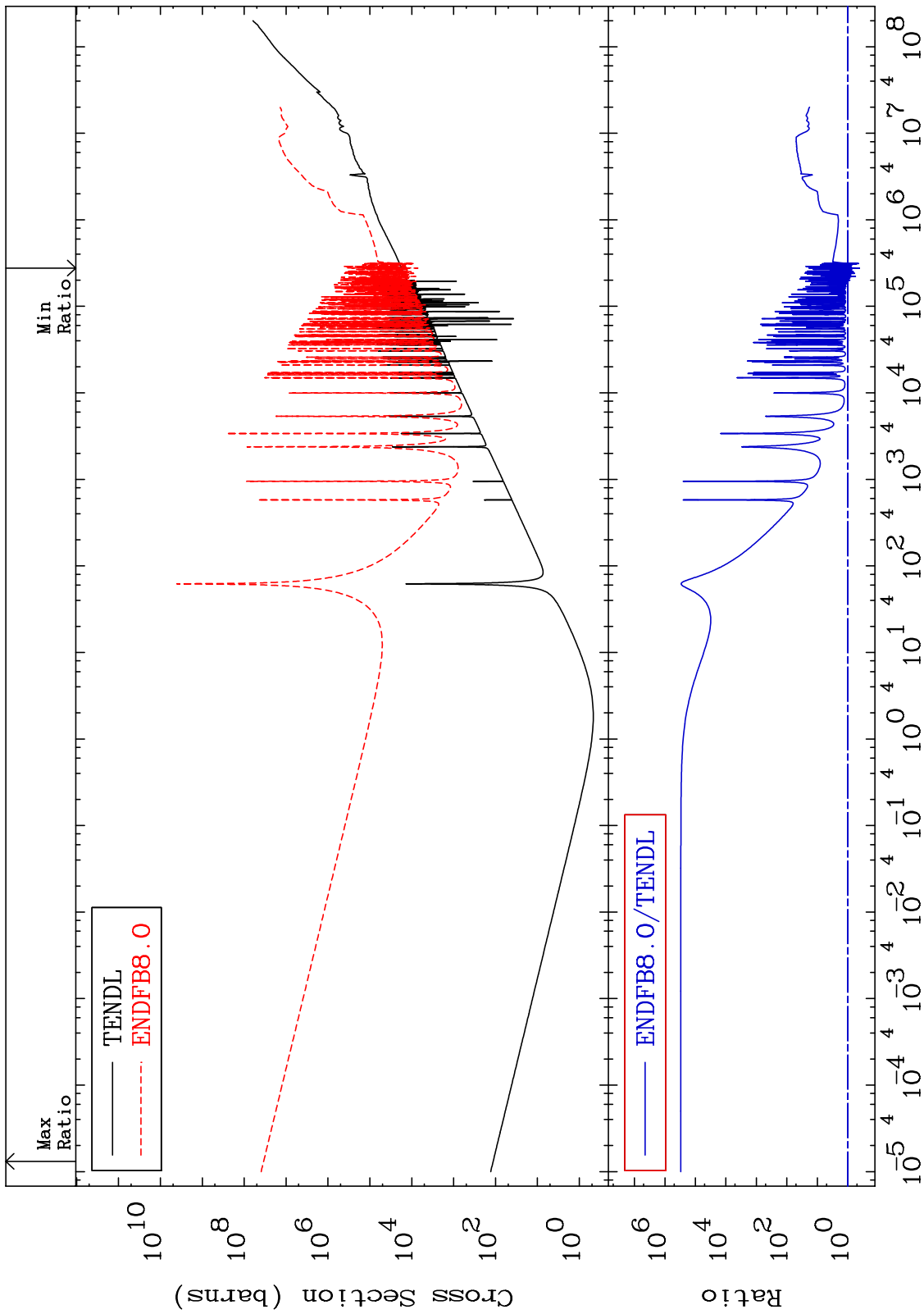
MAT 5061

He-4 Production
Cross Section

50-Sn-124
-24.91 To 9999. %



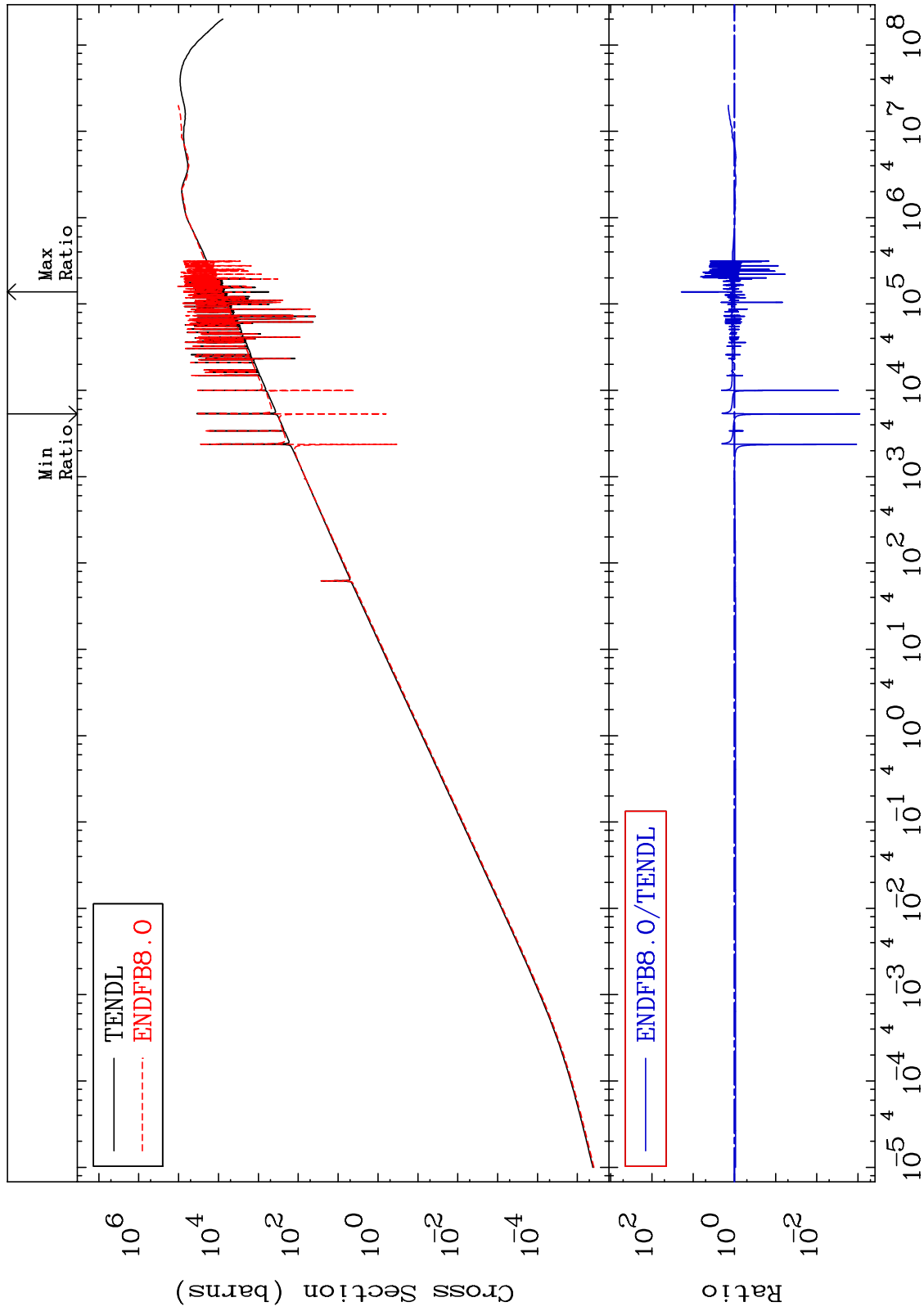
MAT 5061 Kerma total (eV-barns) 50-Sn-124
Cross Section -59.00 To 9999. %



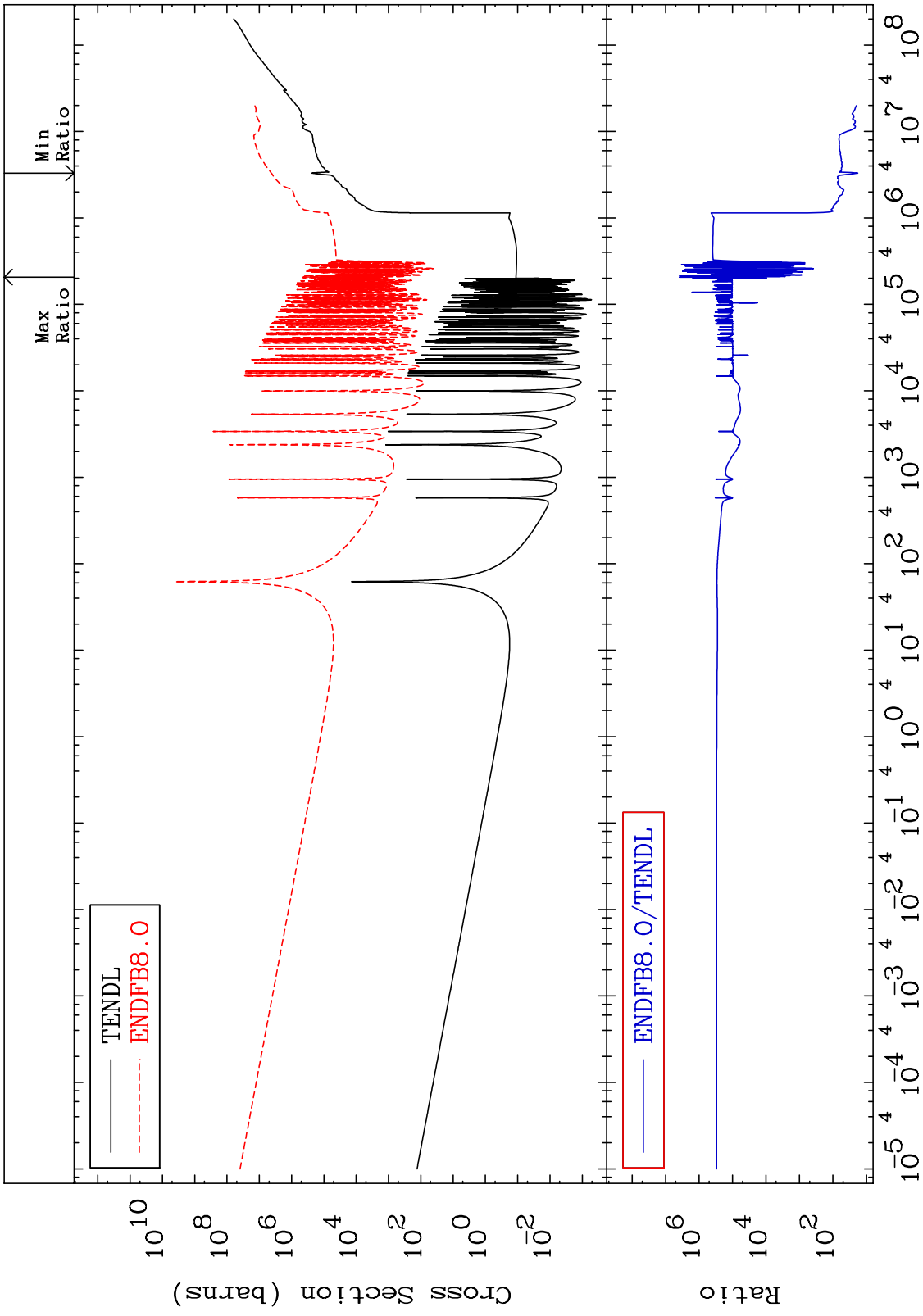
MAT 5061

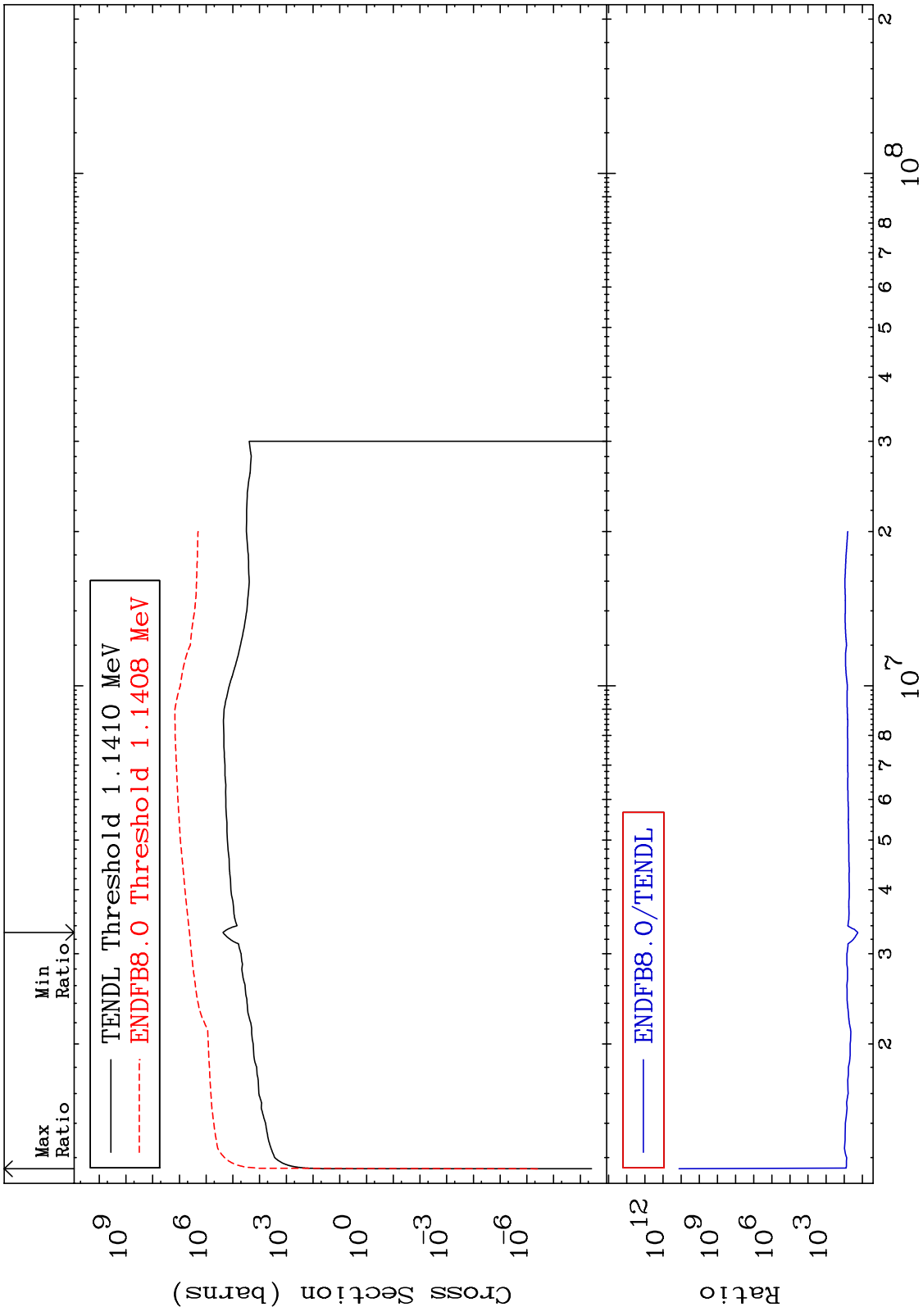
Kerma elastic
Cross Section

50-Sn-124
-99.91 To 1844. %



MAT 5061 Kerma non-elastic (all but mt2) 50-Sn-124
 Cross Section 1706. To 9999. %

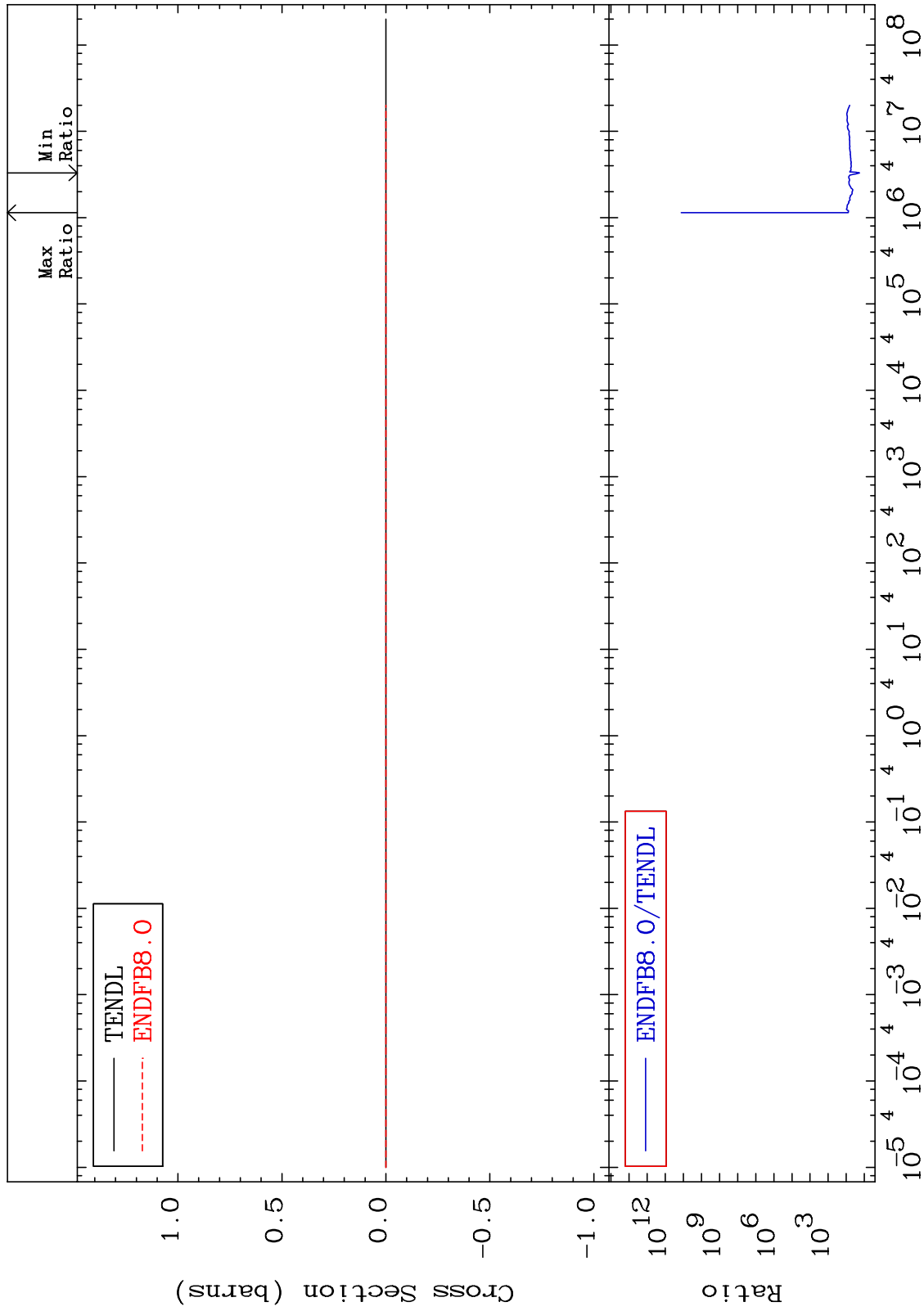




MAT 5061

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

50-Sn-124
1695. To 9999. %



42

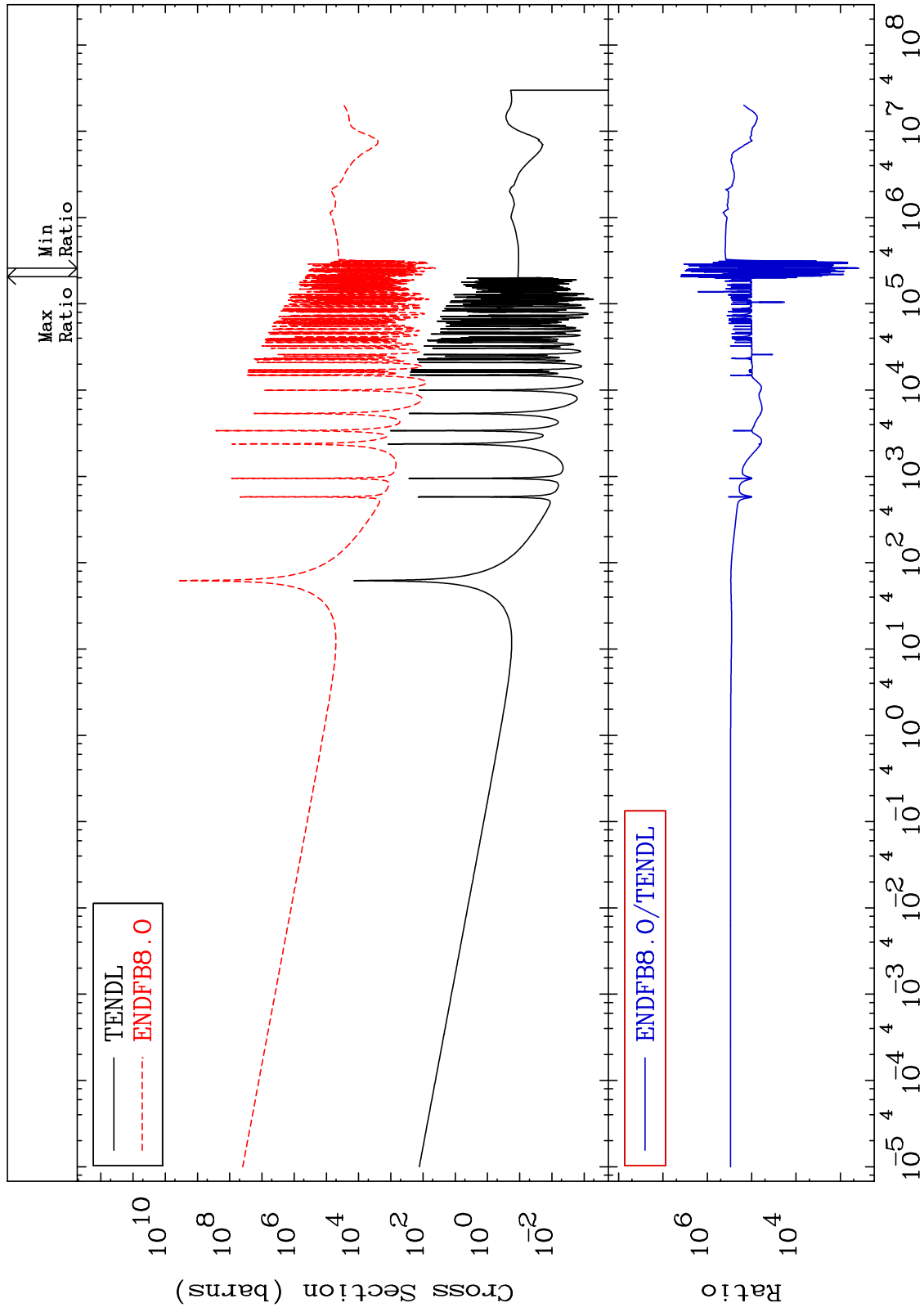
Incident Energy (eV)

50-Sn-124

MAT 5061

Kerma capture (mt102)
Cross Section

50-Sn-124
9999. To 9999. %



43

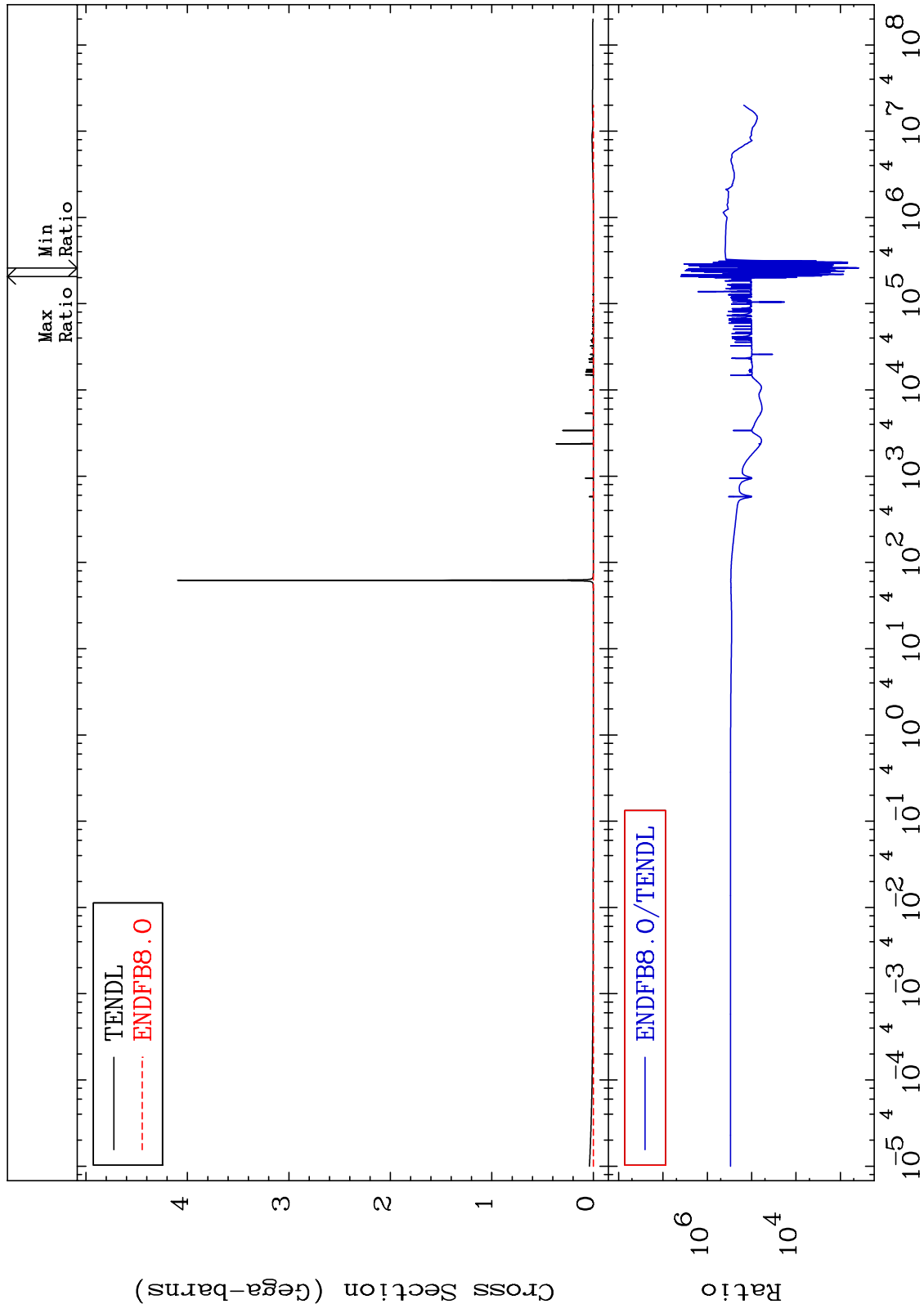
Incident Energy (eV)

50-Sn-124

MAT 5061

Total photon (eV-barns)
Cross Section

50-Sn-124
9999. To 9999. %

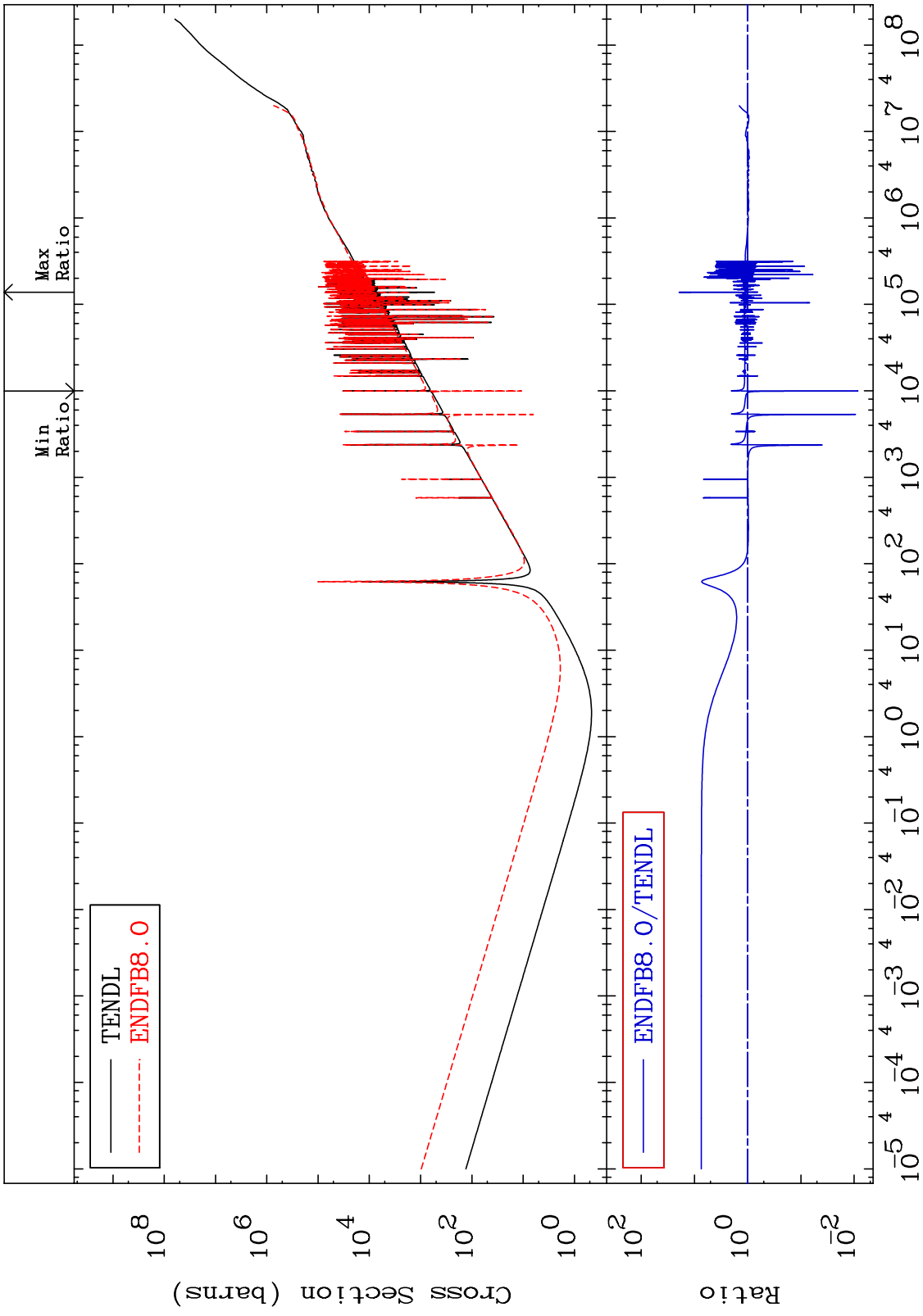


44

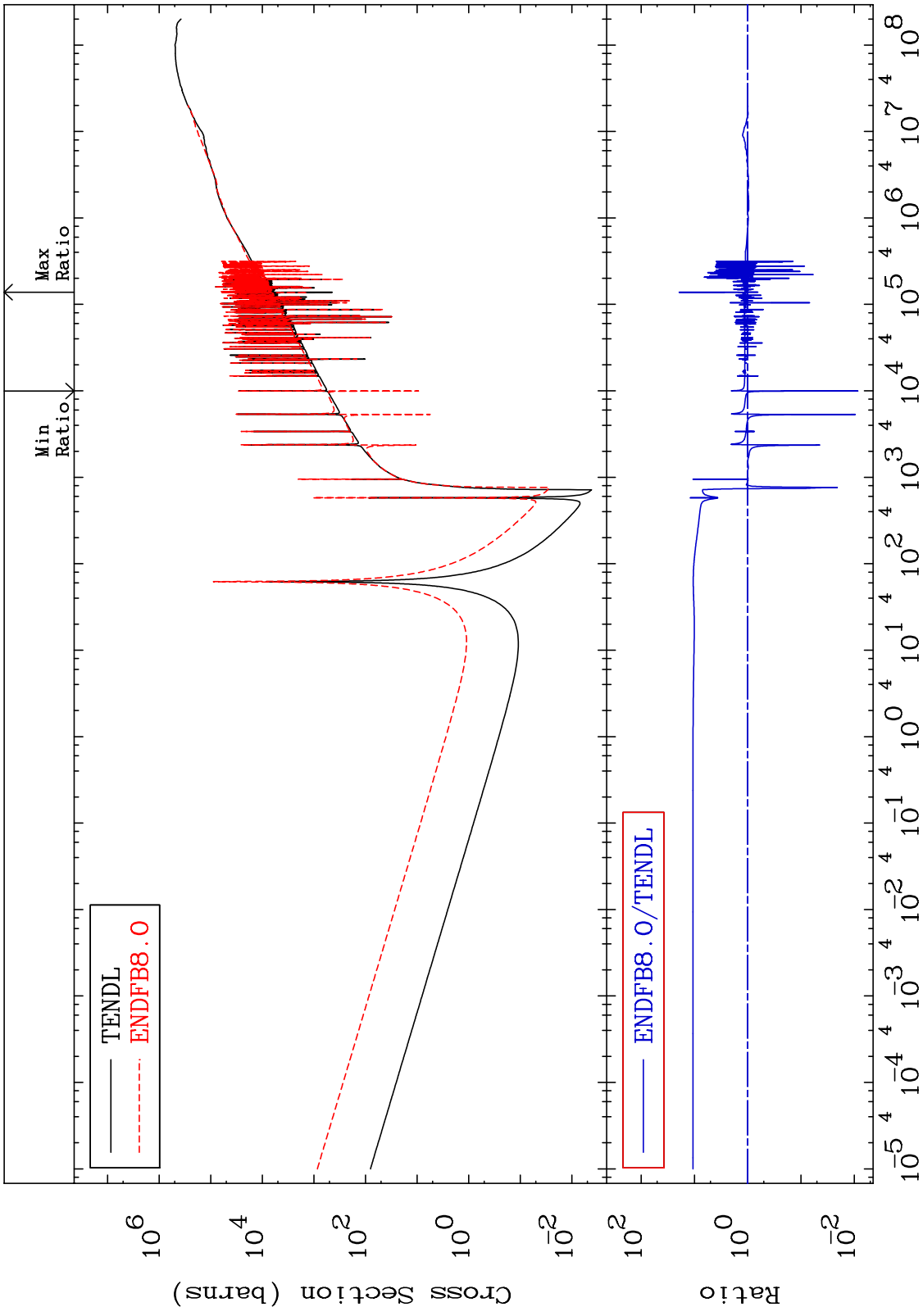
Incident Energy (eV)

50-Sn-124

MAT 5061 Total kinematic kerma (high limit) 50-Sn-124
 Cross Section -99.15 To 1845. %



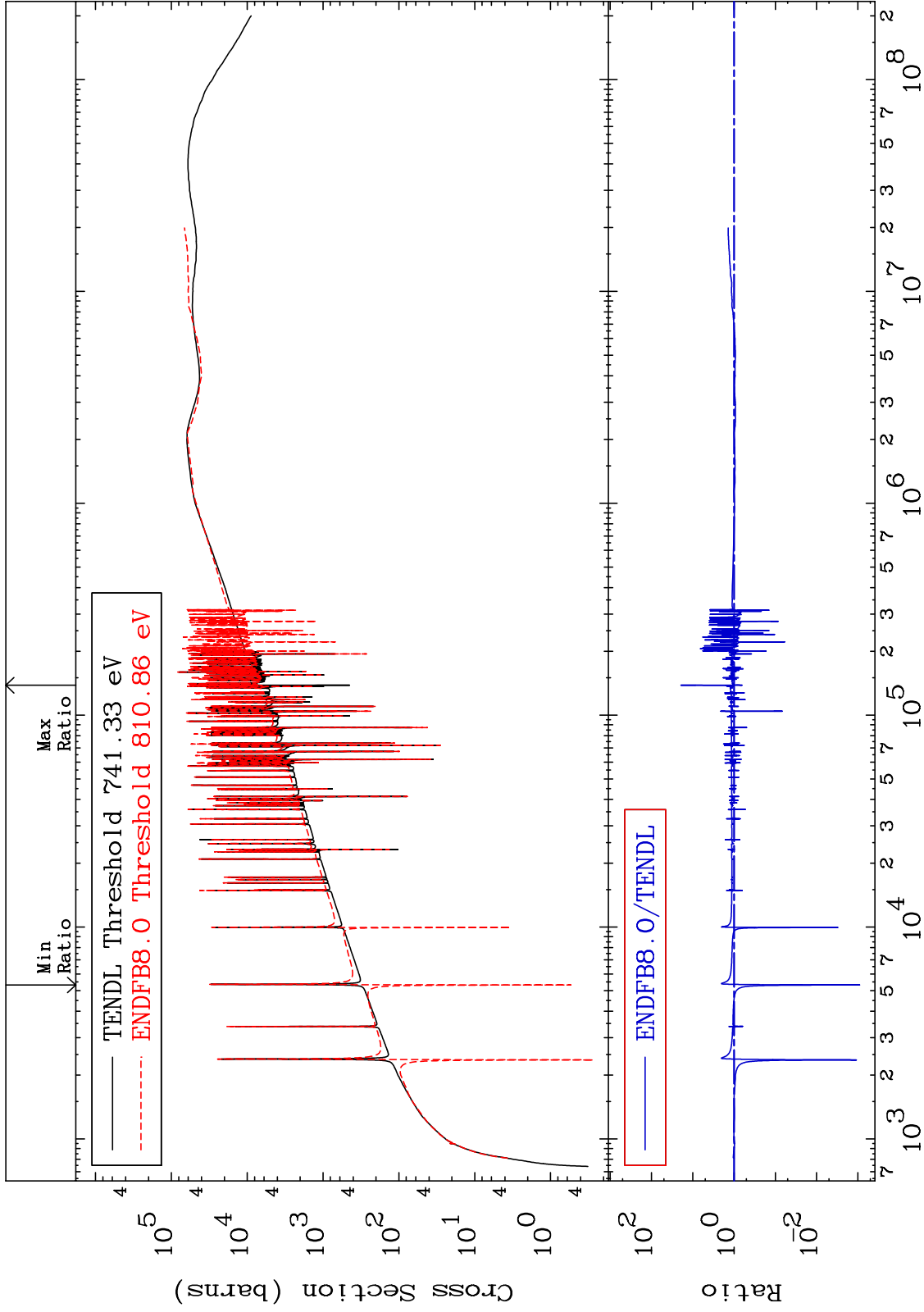
MAT 5061 Dpa total (eV-barns) 50-Sn-124
 Cross Section -99.14 To 1842. %

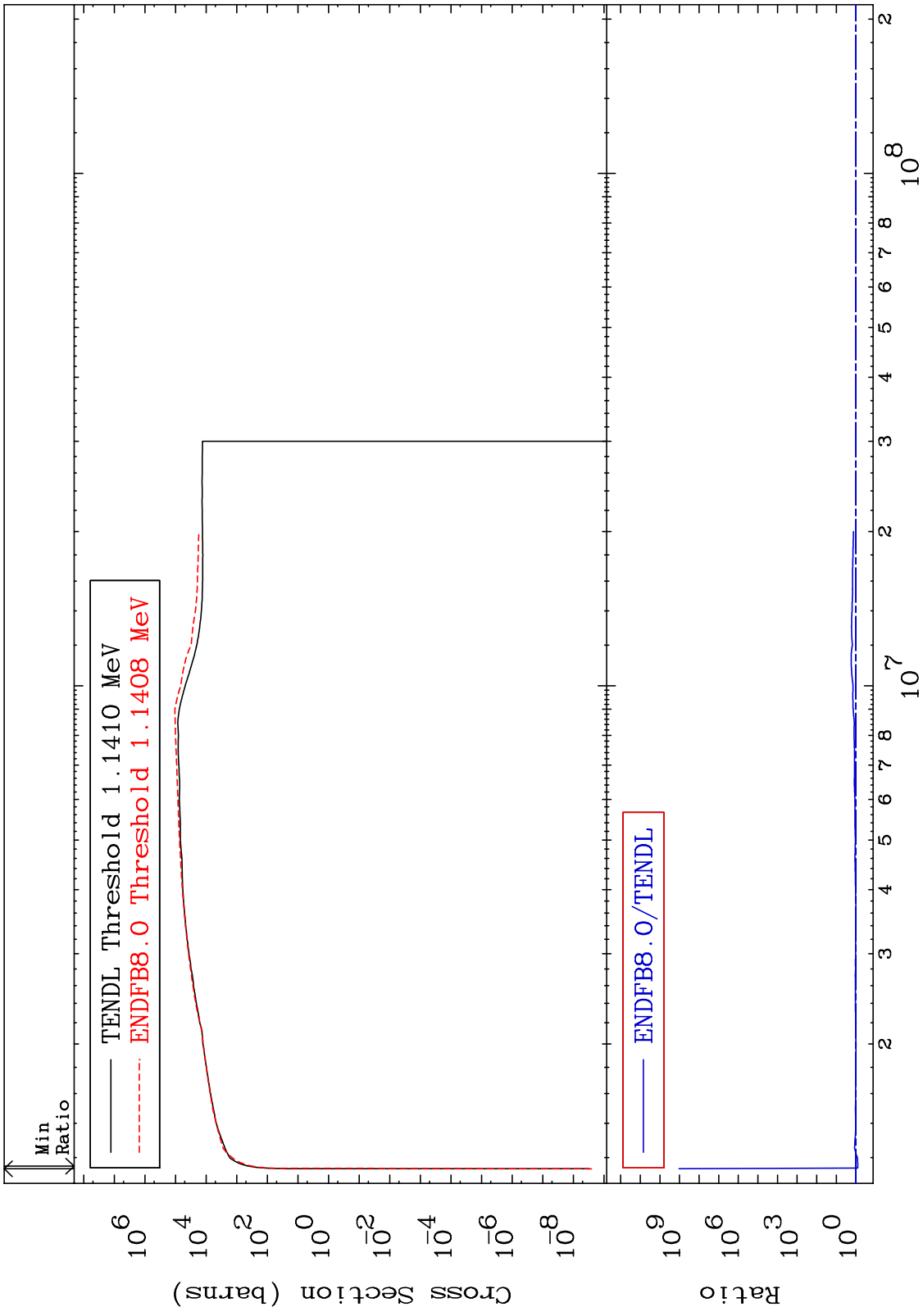


MAT 5061

Dpa elastic (mt2)
Cross Section

50-Sn-124
-99.91 To 1841. %





MAT 5061 Dpa disappearance (mt102 -120) 50-Sn-124
 Cross Section -80.57 To 9999. %

