

Program Complot
(Version 2021-1)

by

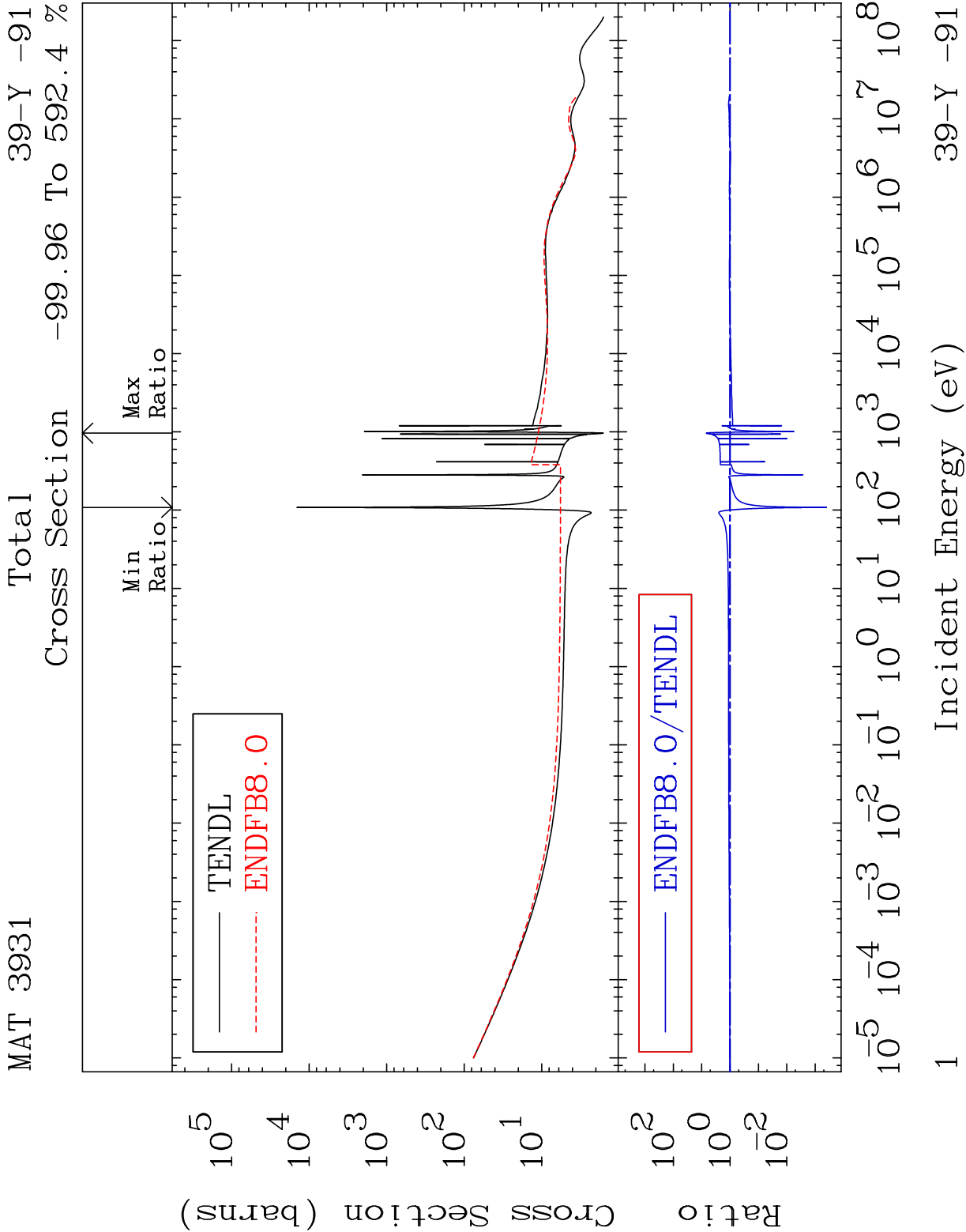
Dermott E. Cullen
(Present Contact Information)

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

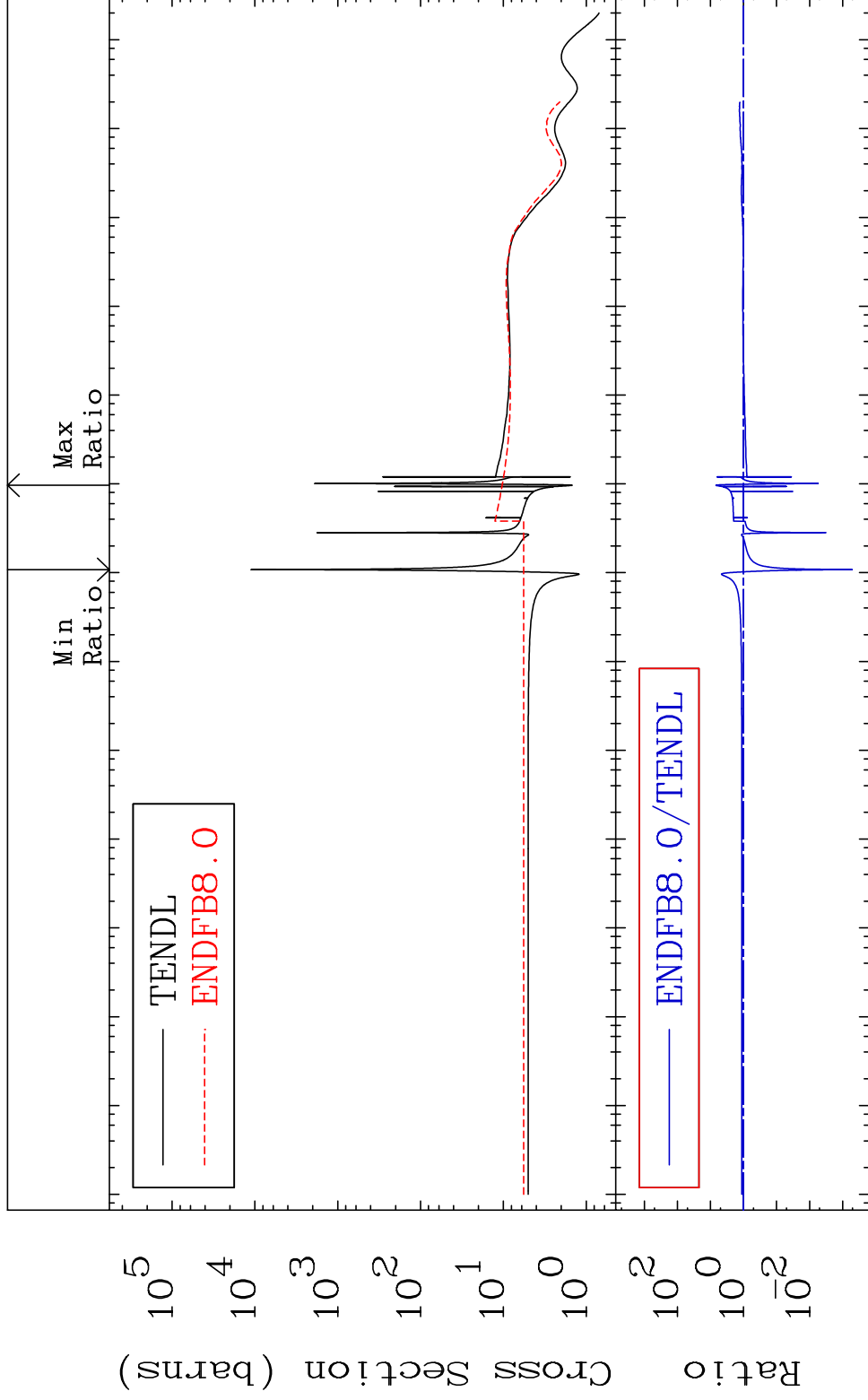


MAT 3931

Elastic

39-Y -91

Cross Section -99.95 To 598.4 %



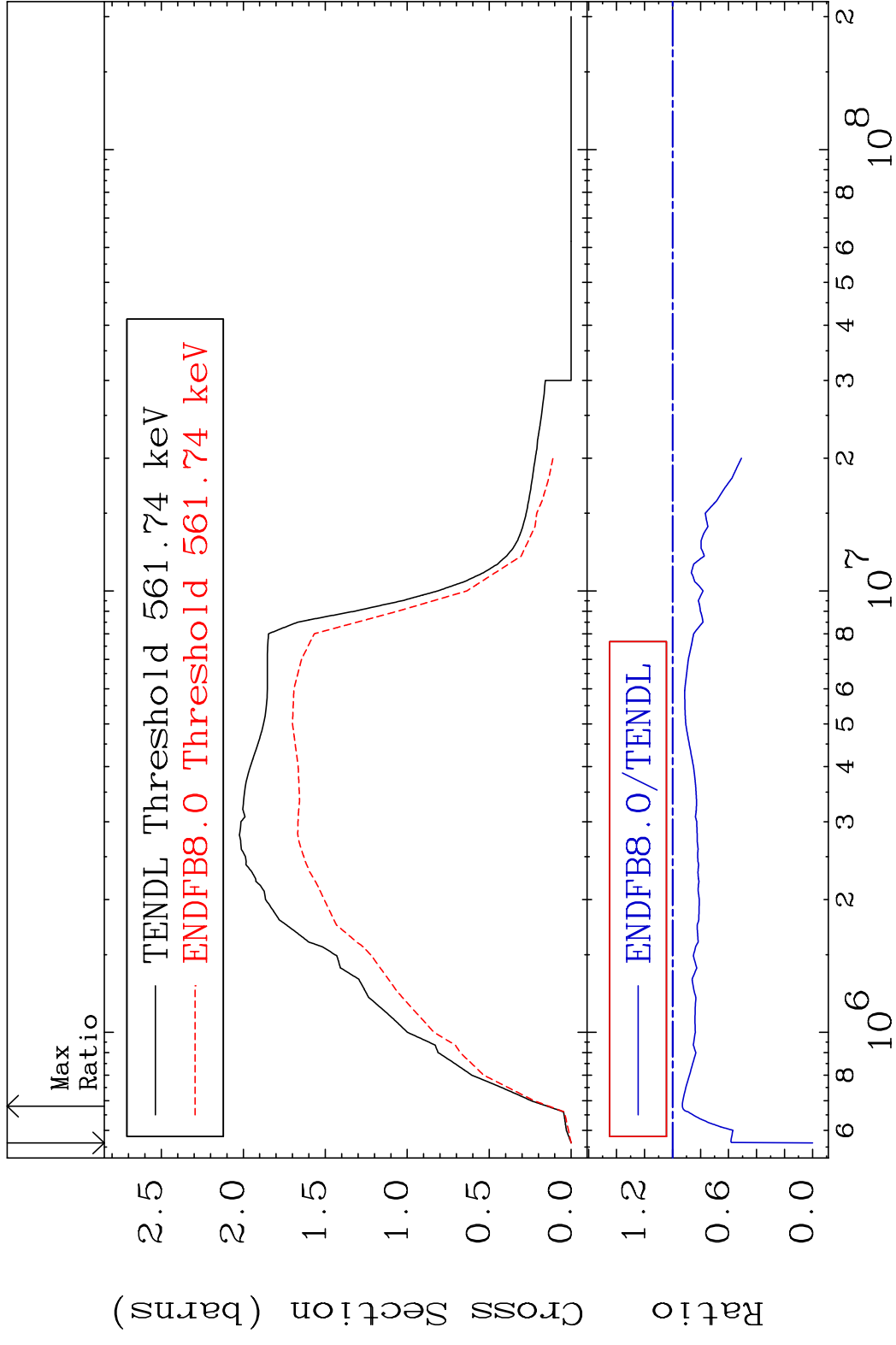
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

2

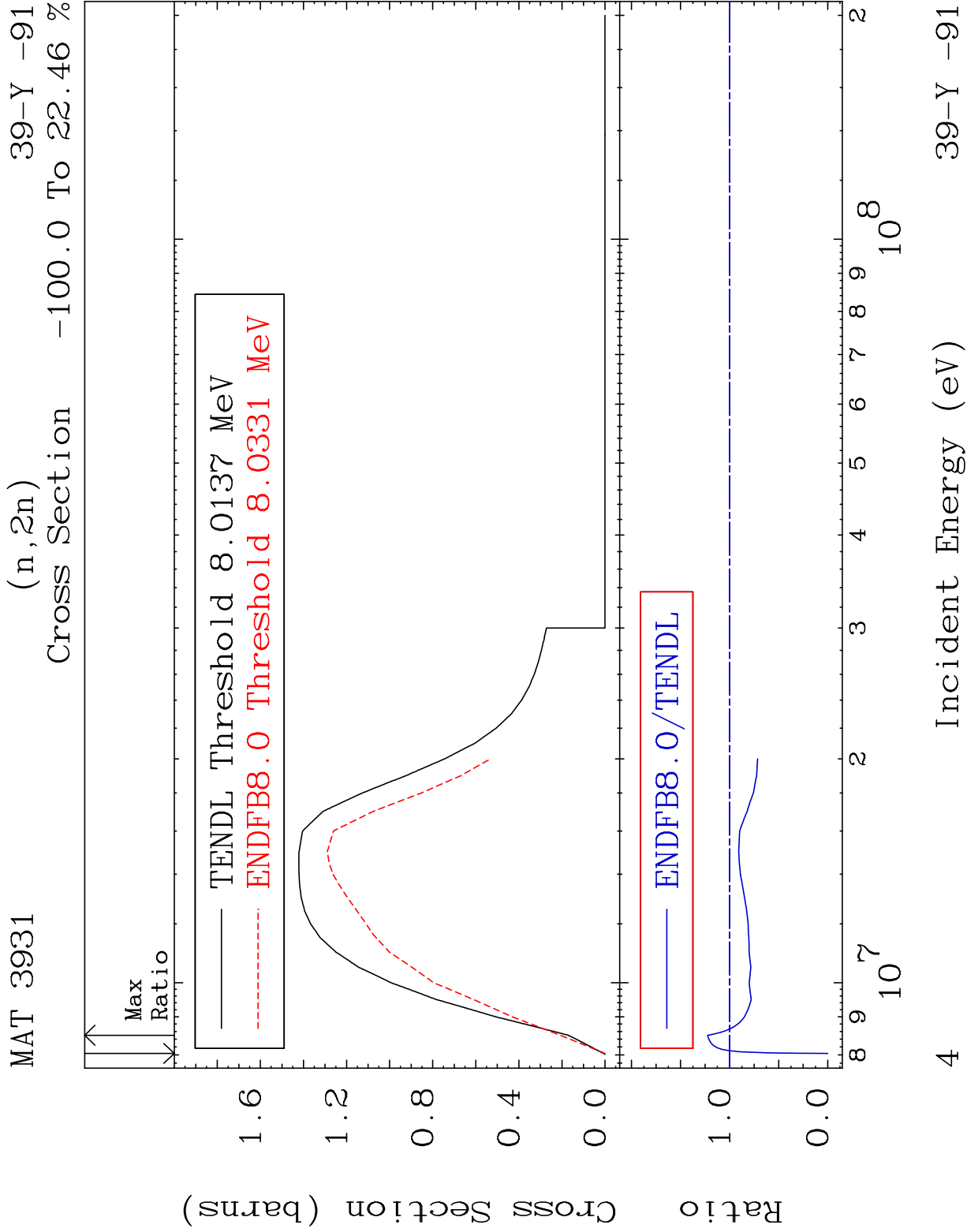
Incident Energy (eV)

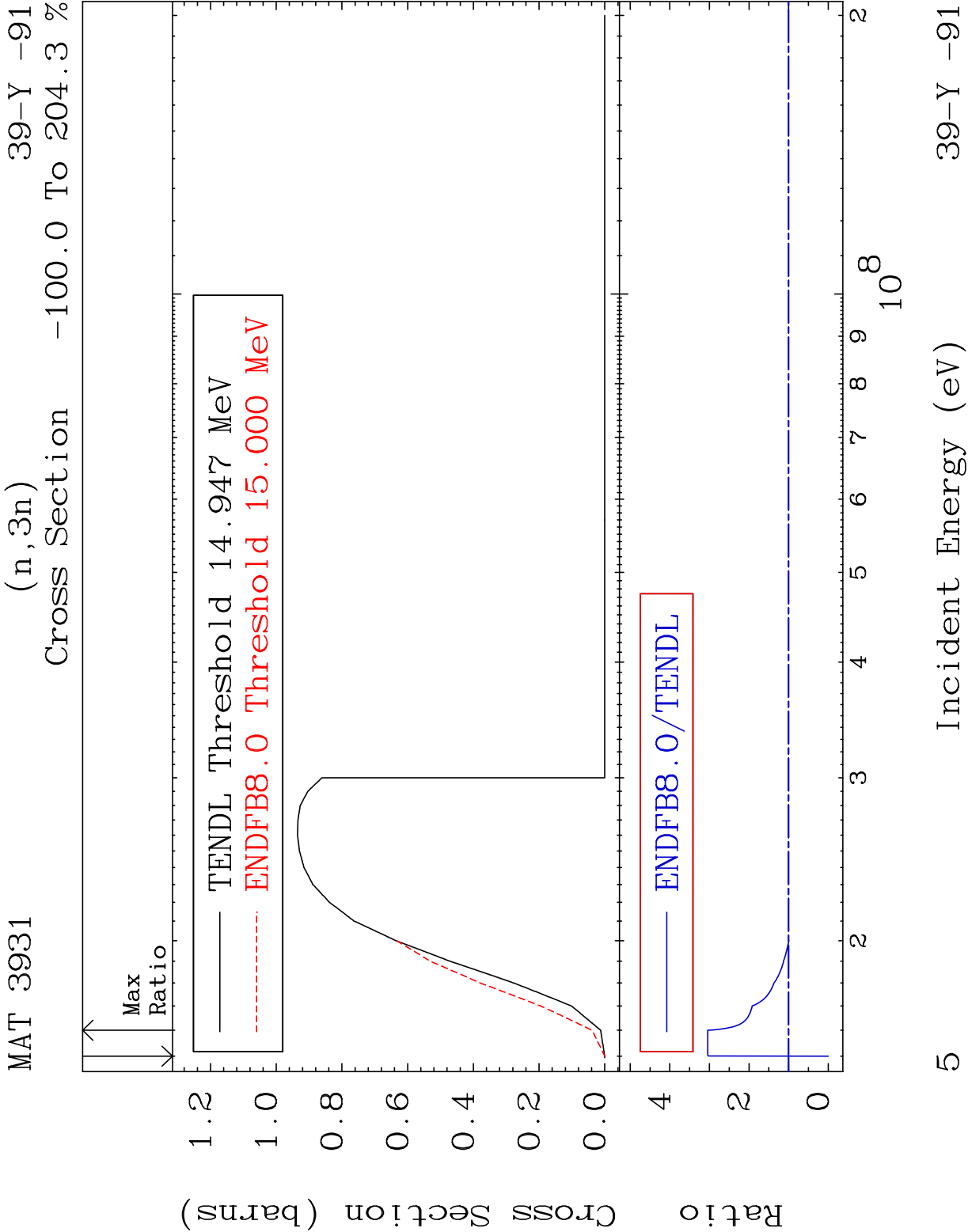
39-Y -91

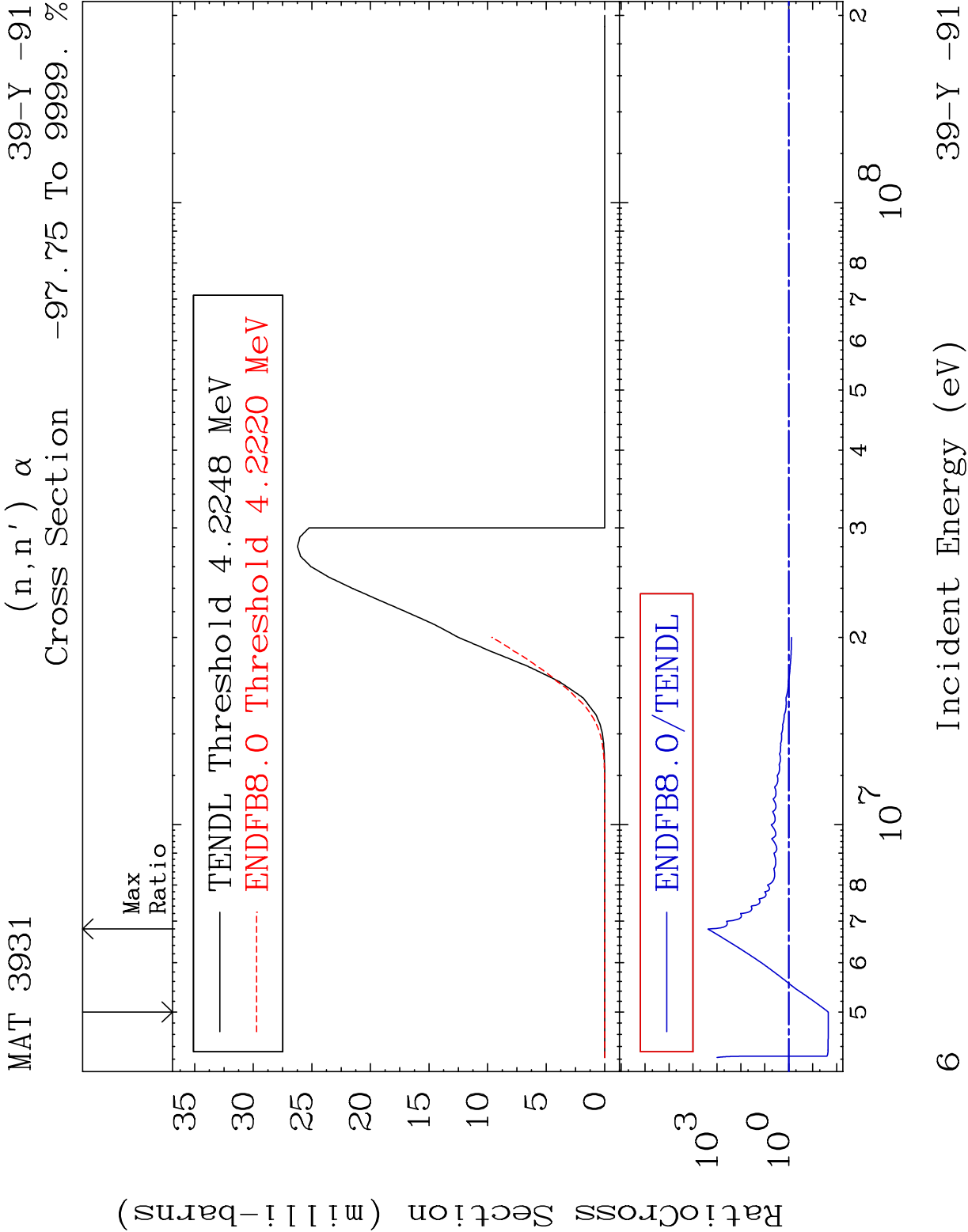
MAT 3931 Inelastic 39-Y -91
Cross Section -100.0 To -6.994%

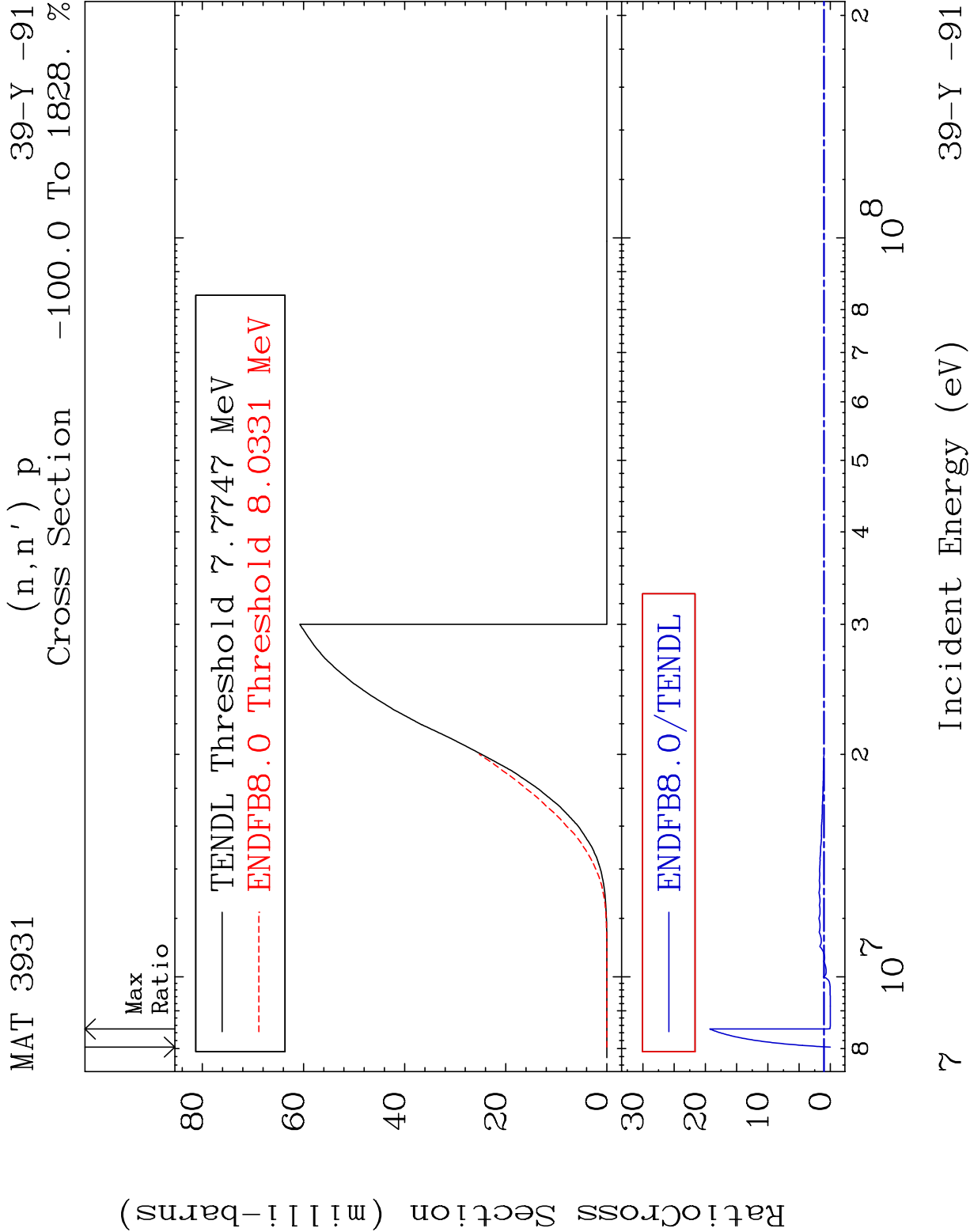


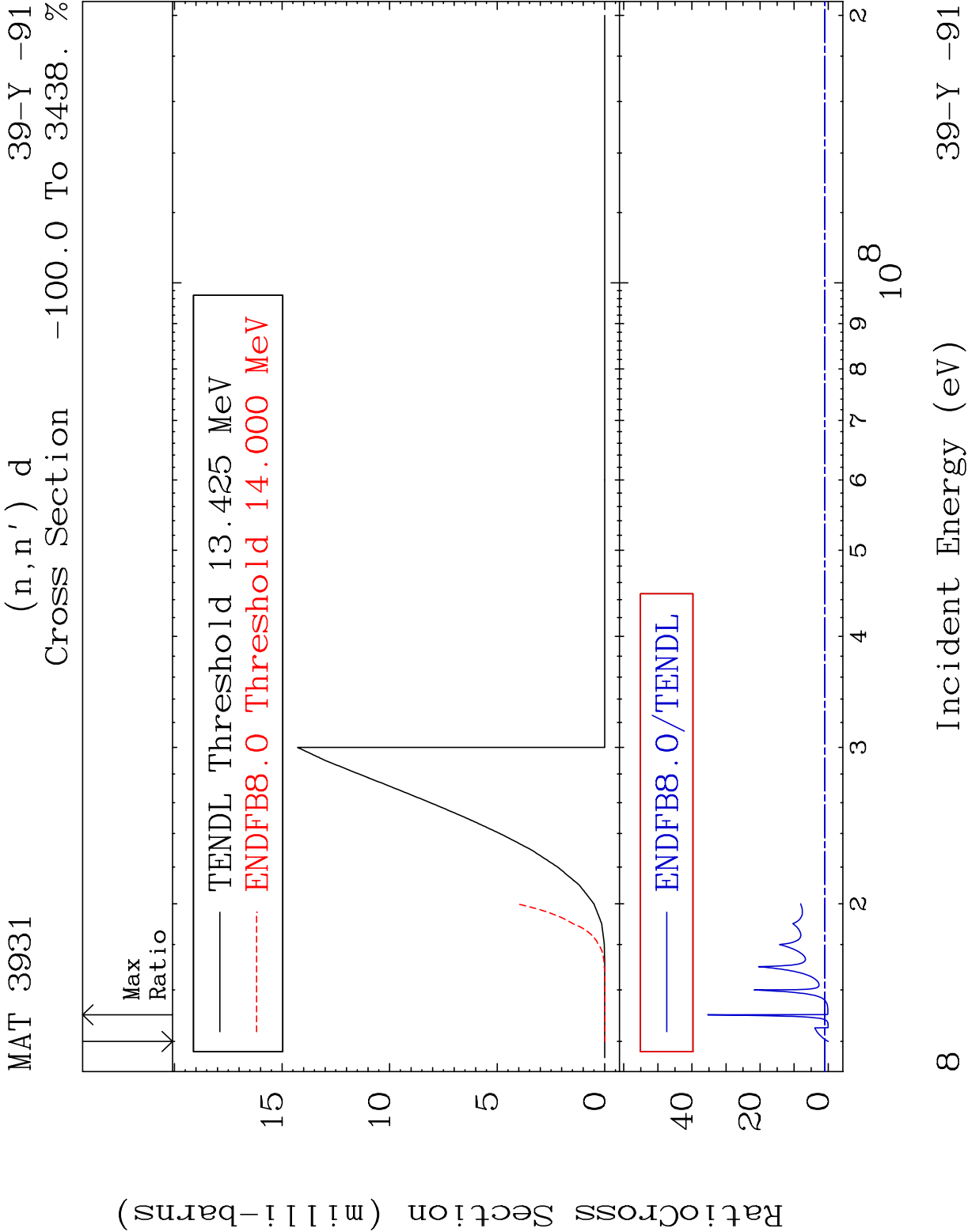
3 Incident Energy (eV) 39-Y -91

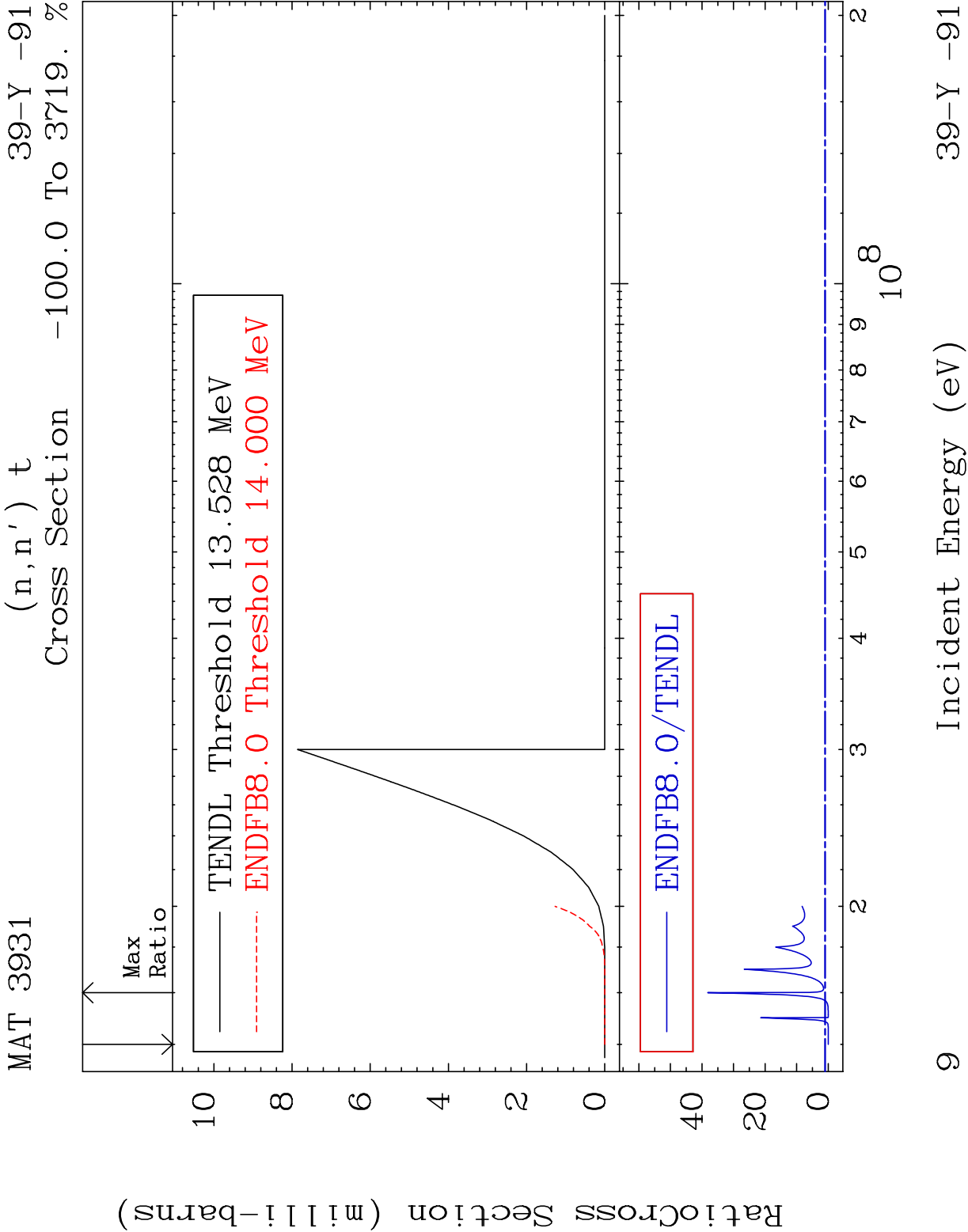


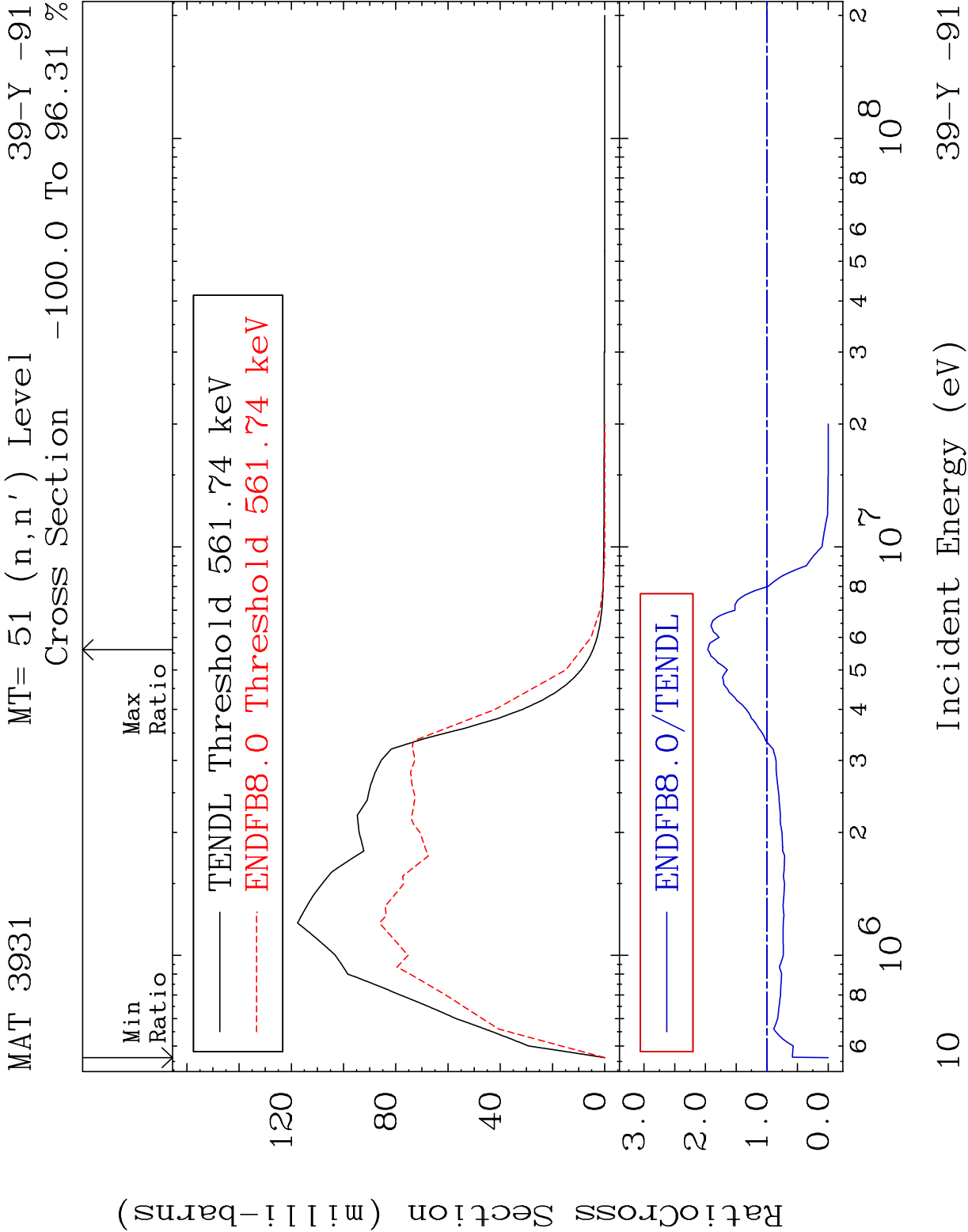




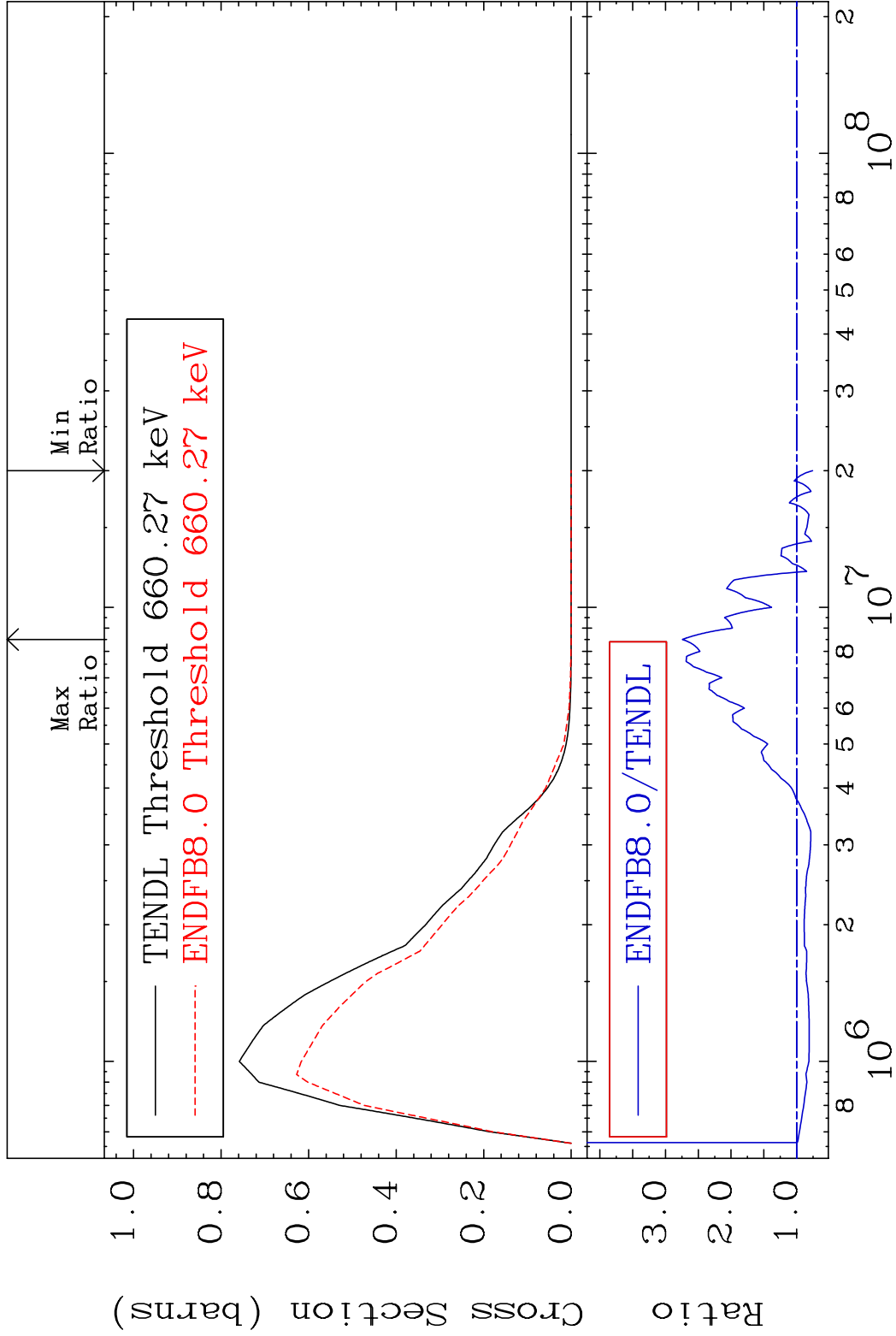


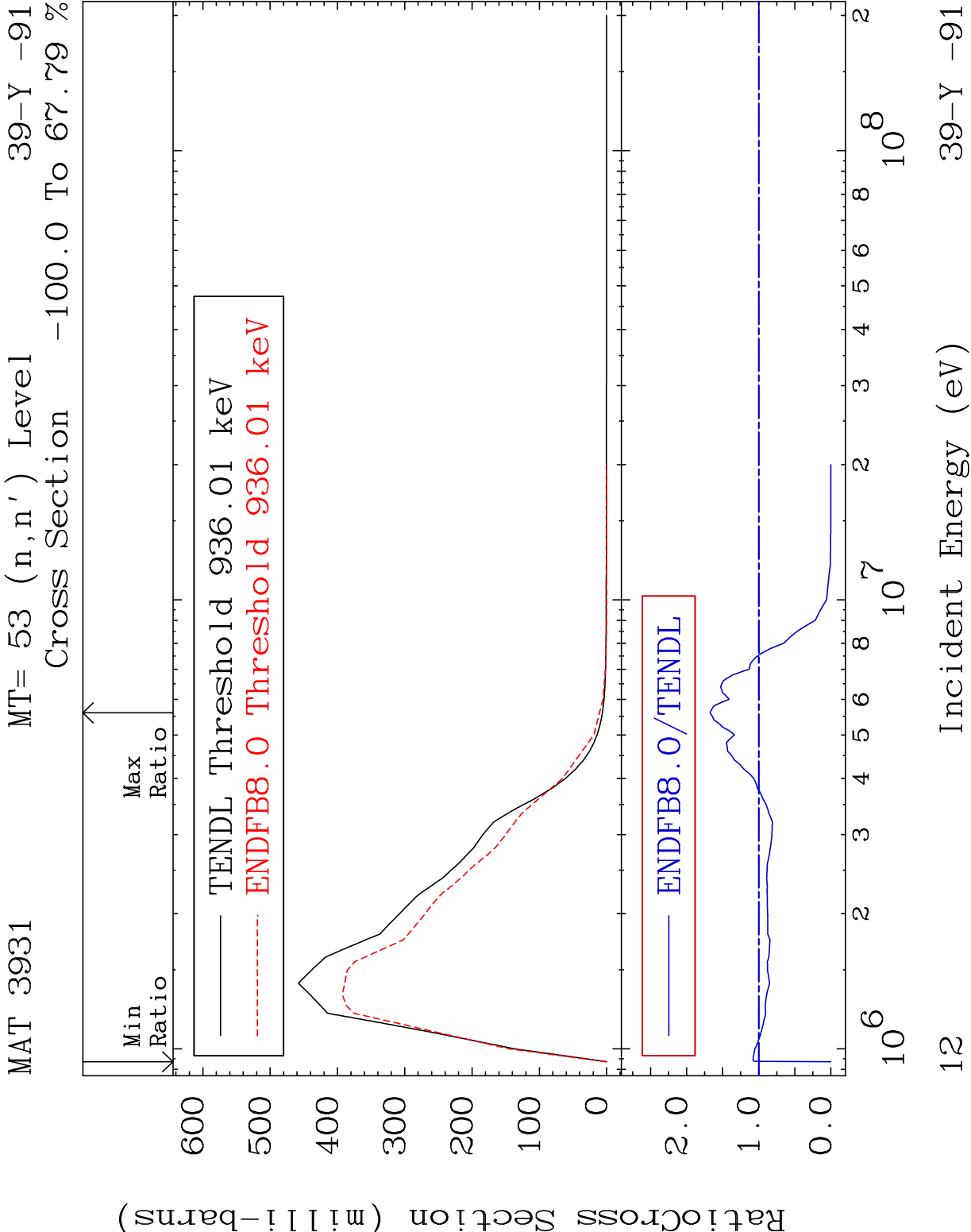






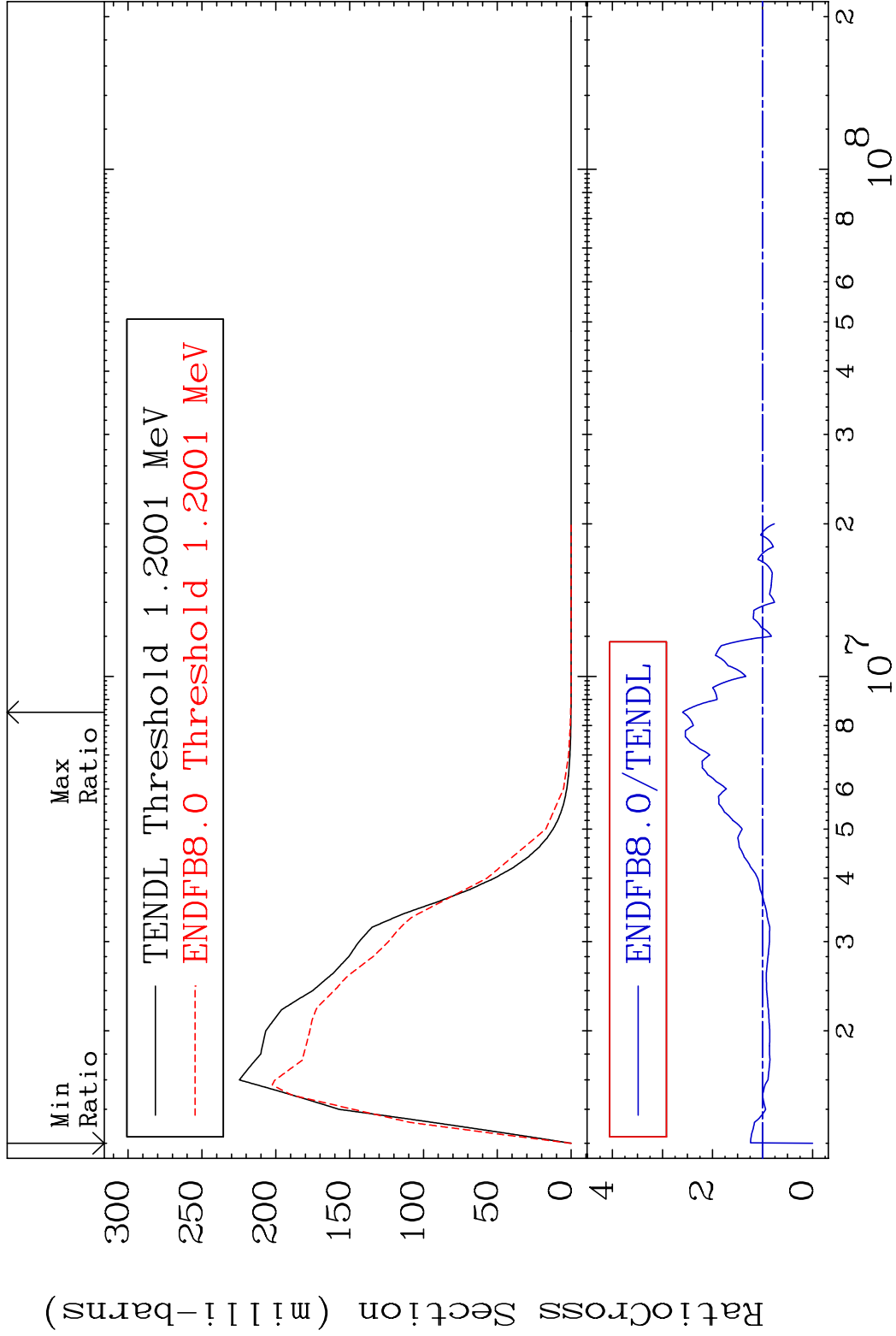
MAT 3931 MT= 52 (n,n') Level 39-Y -91
Cross Section -24.21 To 174.2 %



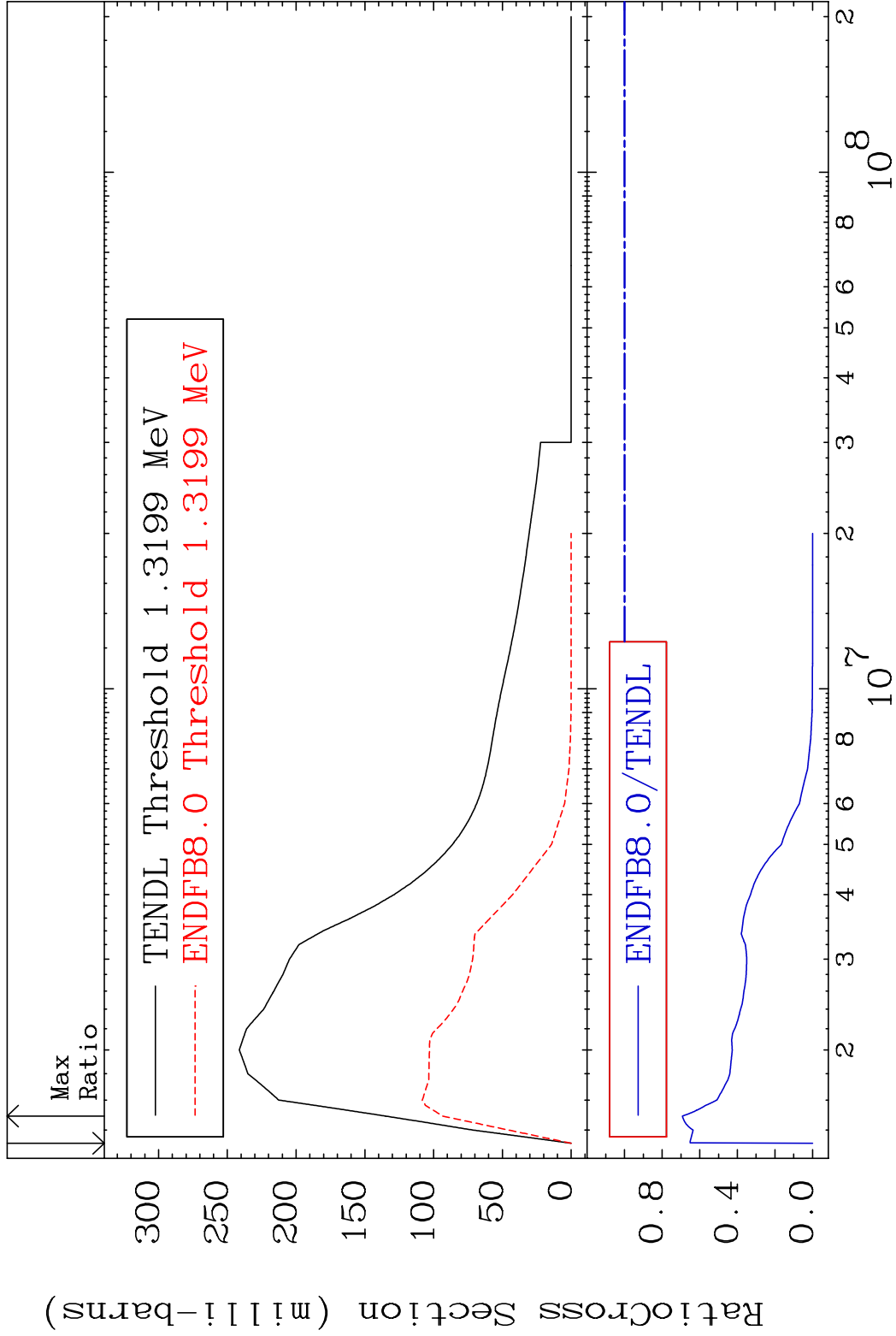


MAT 3931 MT= 54 (n,n') Level 39-Y -91

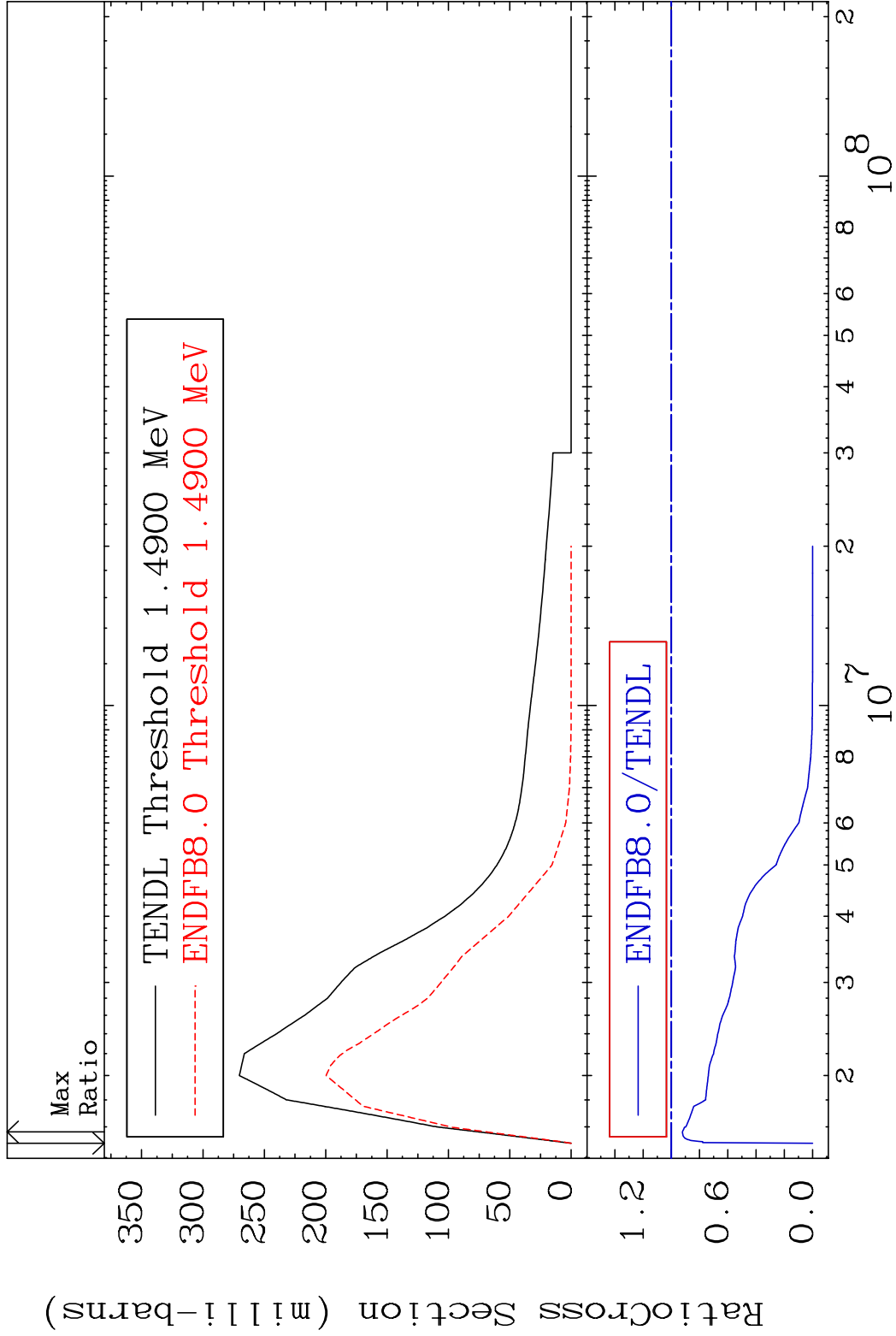
Cross Section -100.0 To 160.3 %



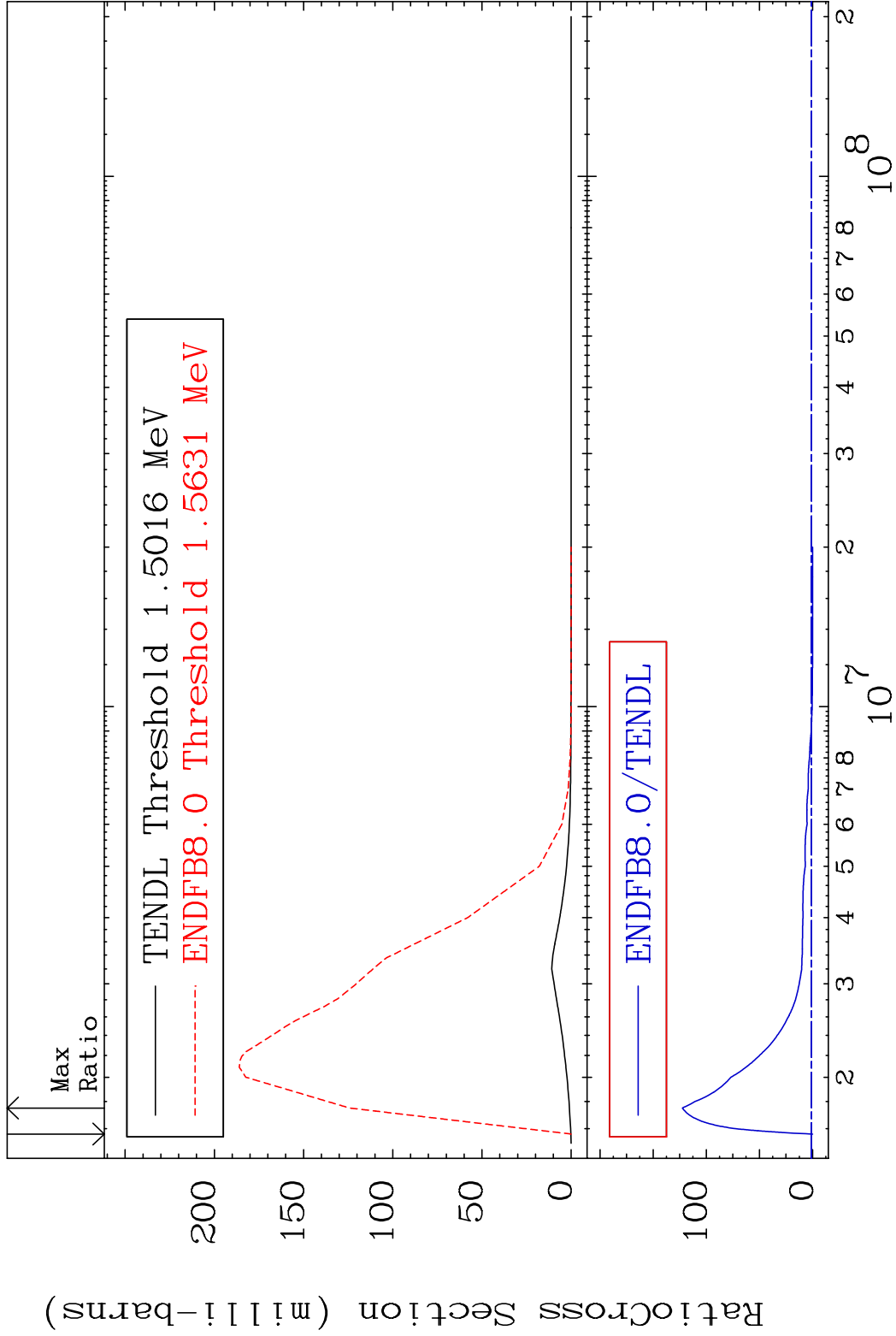
MAT 3931 MT= 55 (n,n') Level 39-Y -91
Cross Section -100.0 To -30.74%

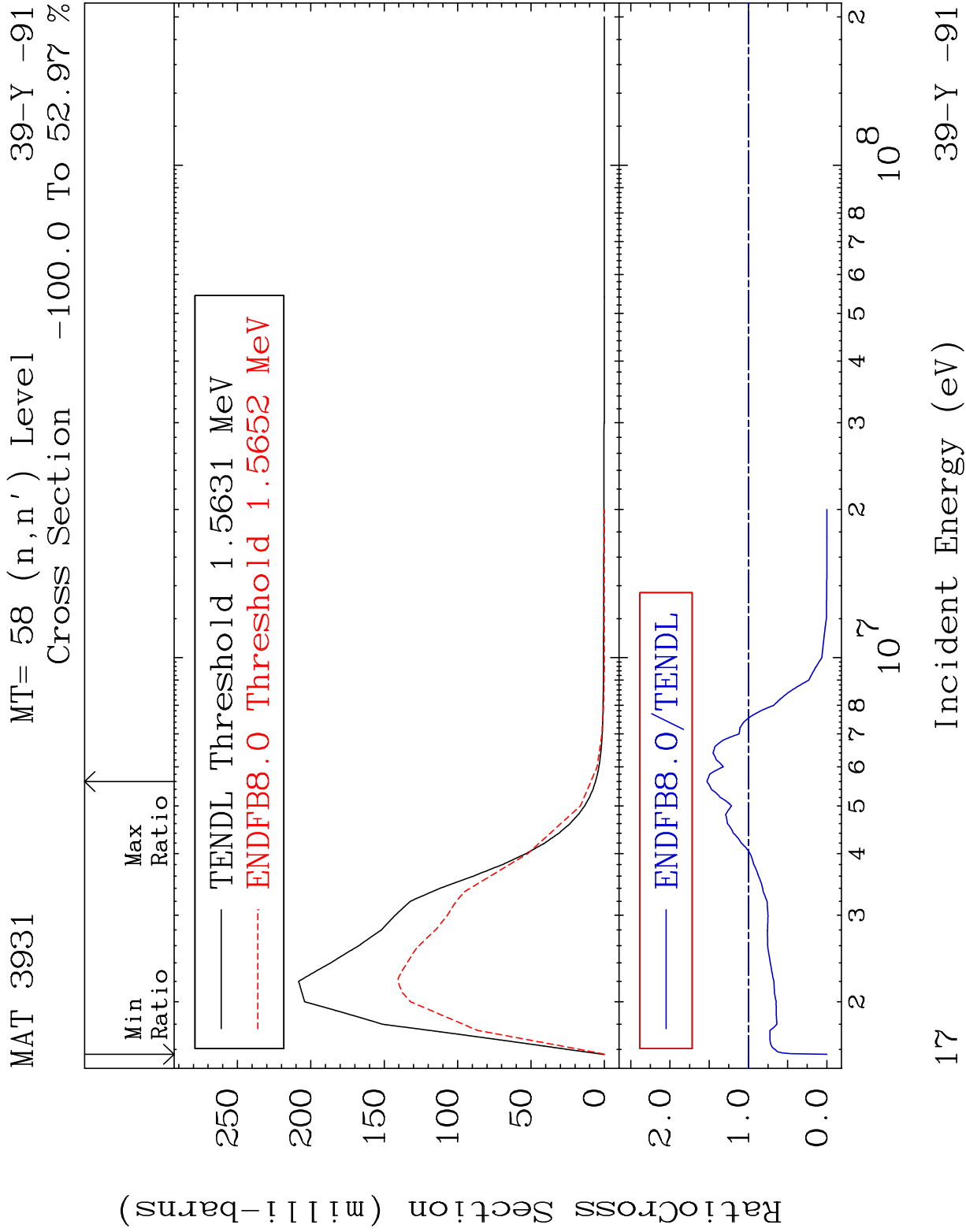


MAT 3931 MT= 56 (n,n') Level 39-Y -91
Cross Section -100.0 To -7.816%

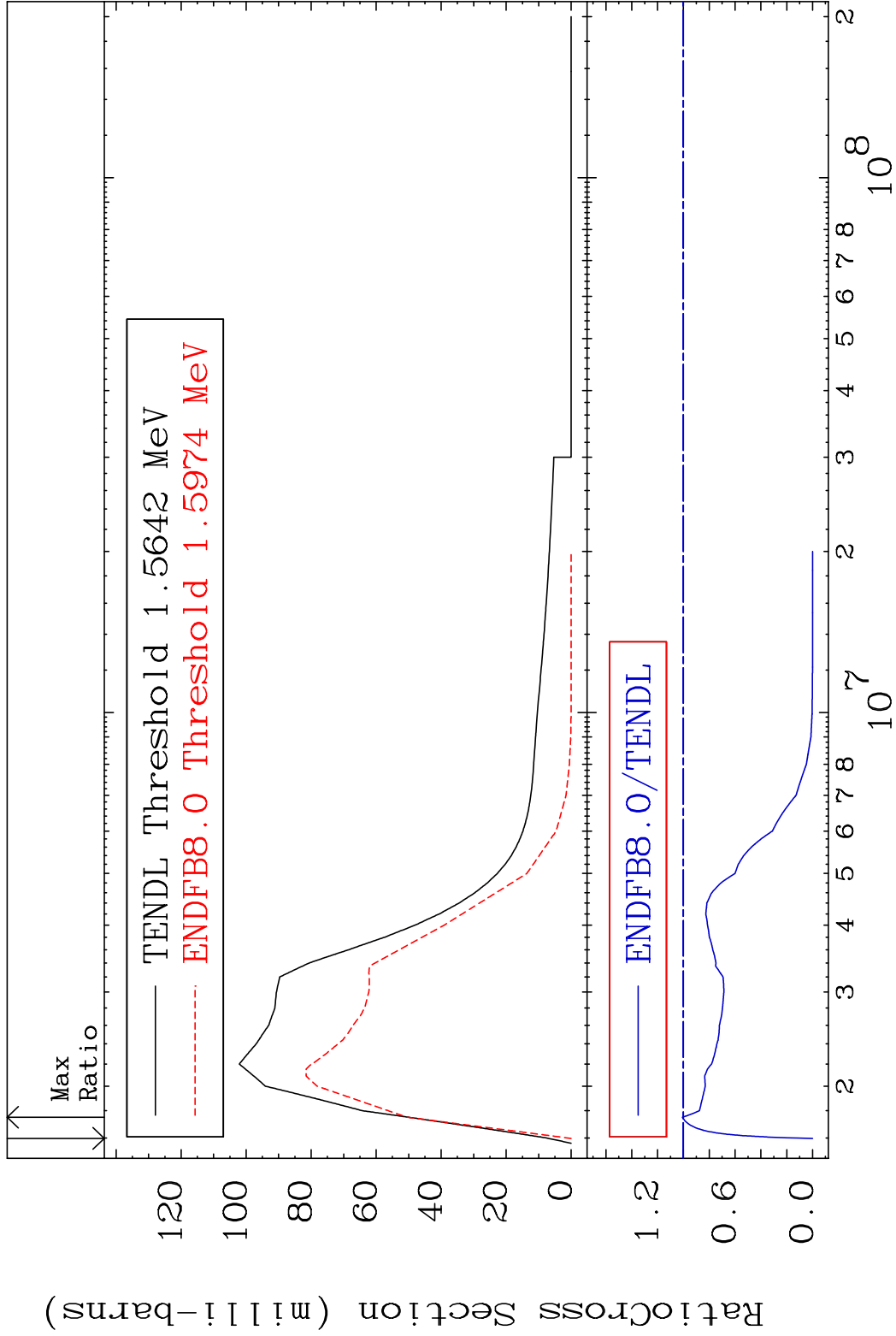


MAT 3931 MT= 57 (n,n') Level 39-Y -91
Cross Section -100.0 To 9999. %

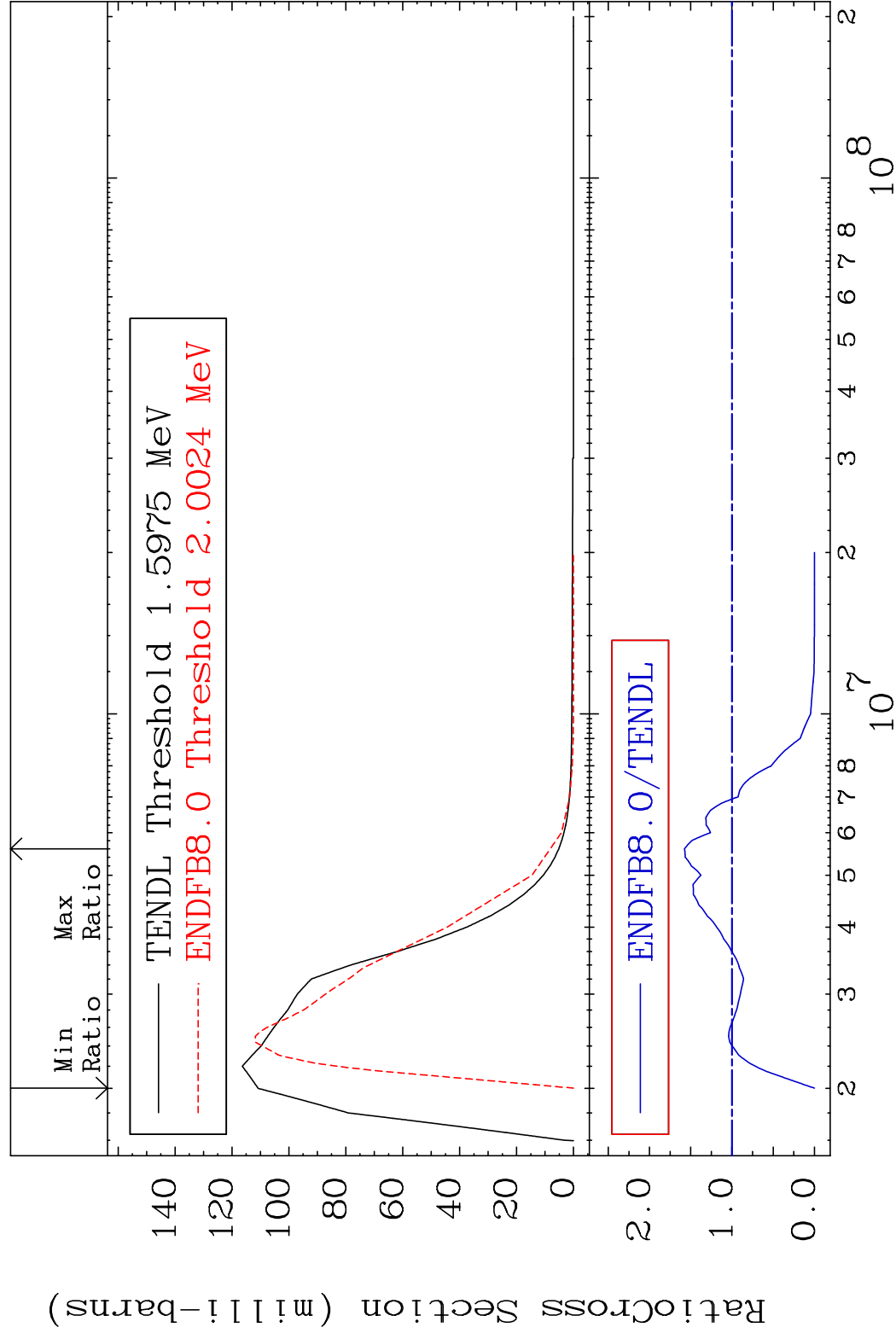




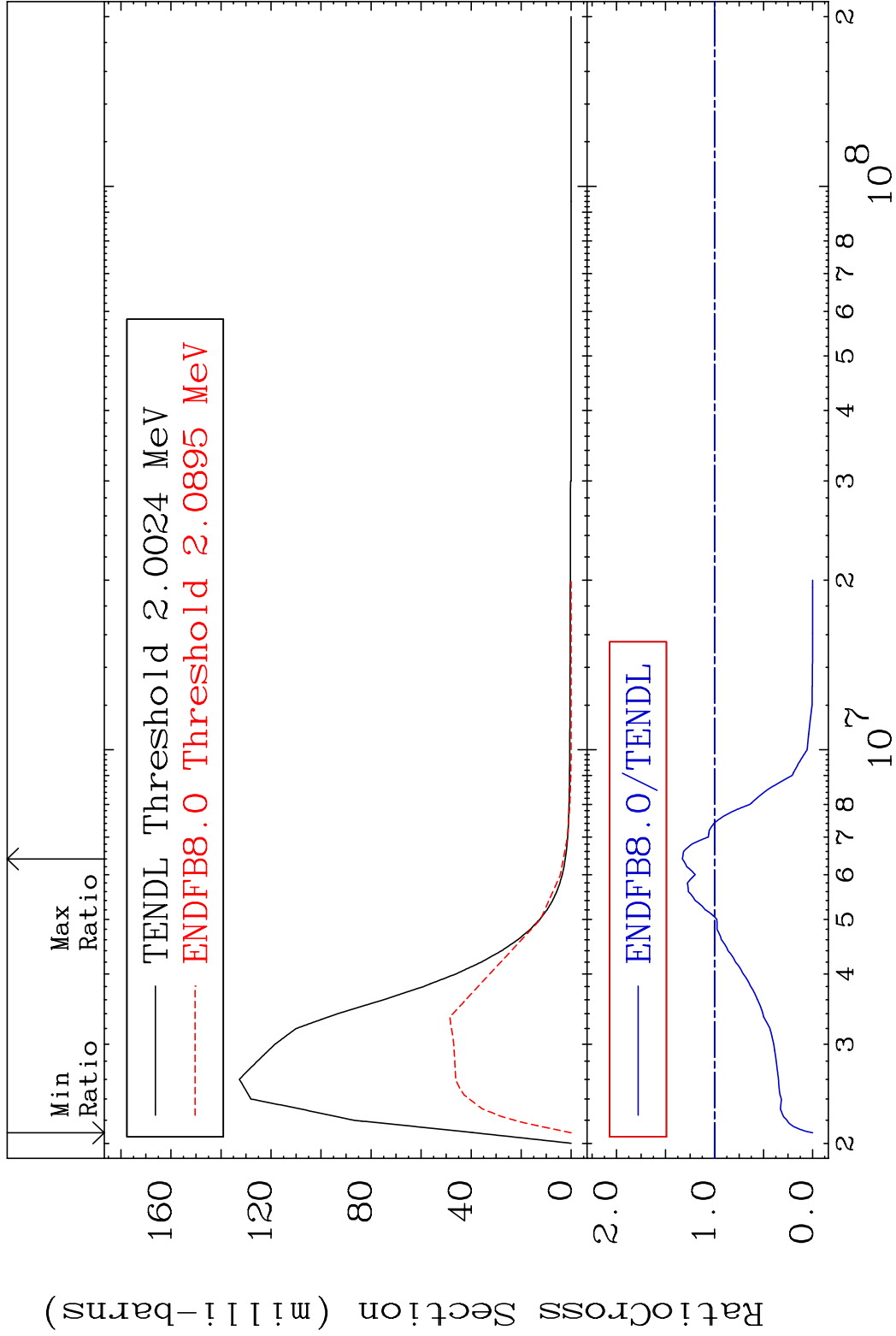
MAT 3931 MT= 59 (n,n') Level 39-Y -91
Cross Section -100.0 To 0.810 %



MAT 3931 MT= 60 (n,n') Level 39-Y -91
Cross Section -100.0 To 57.58 %



MAT 3931 MT= 61 (n,n') Level 39-Y -91
Cross Section -100.0 To 32.88 %



20 Incident Energy (eV) 39-Y -91

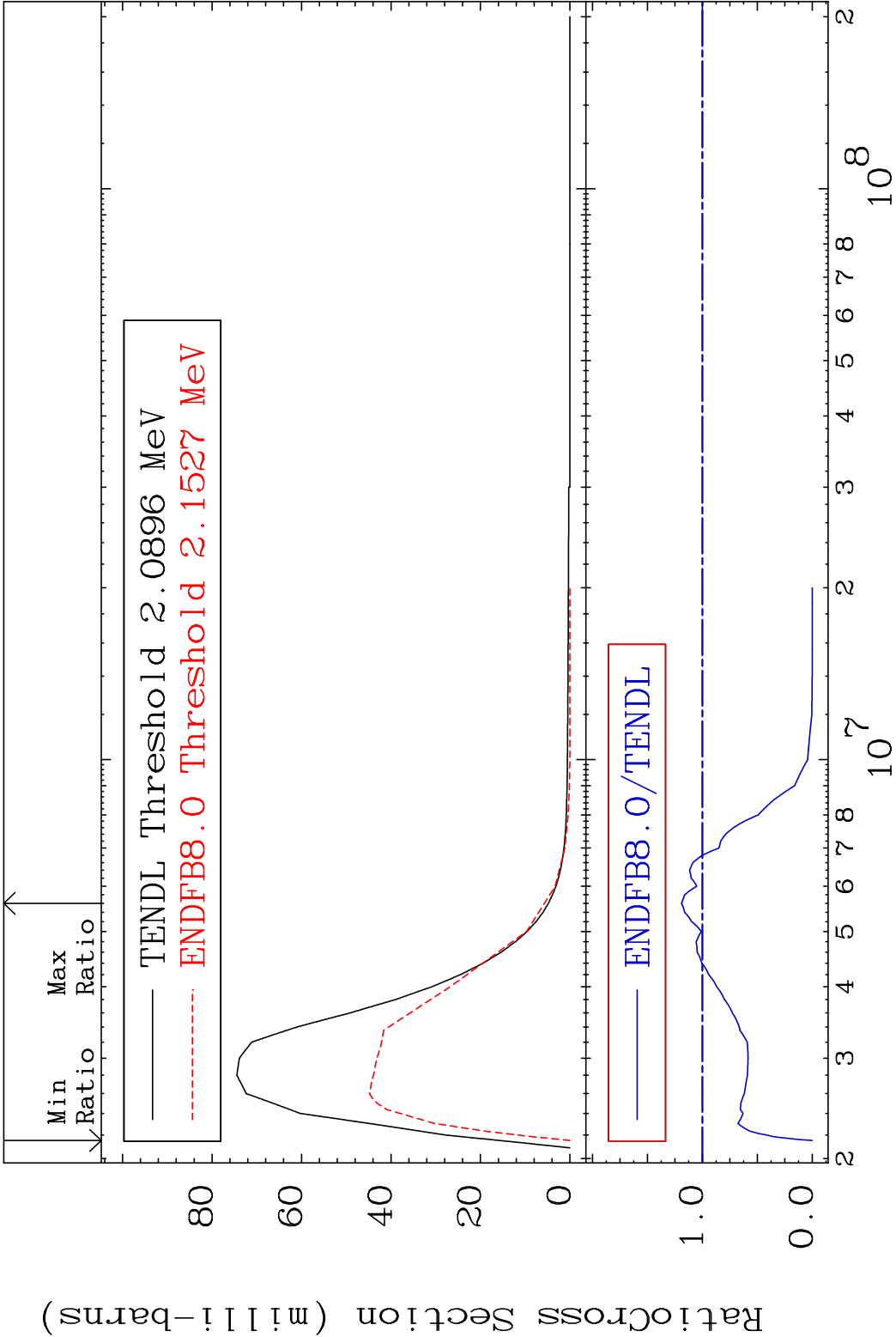
MAT 3931

MT= 62 (n,n') Level

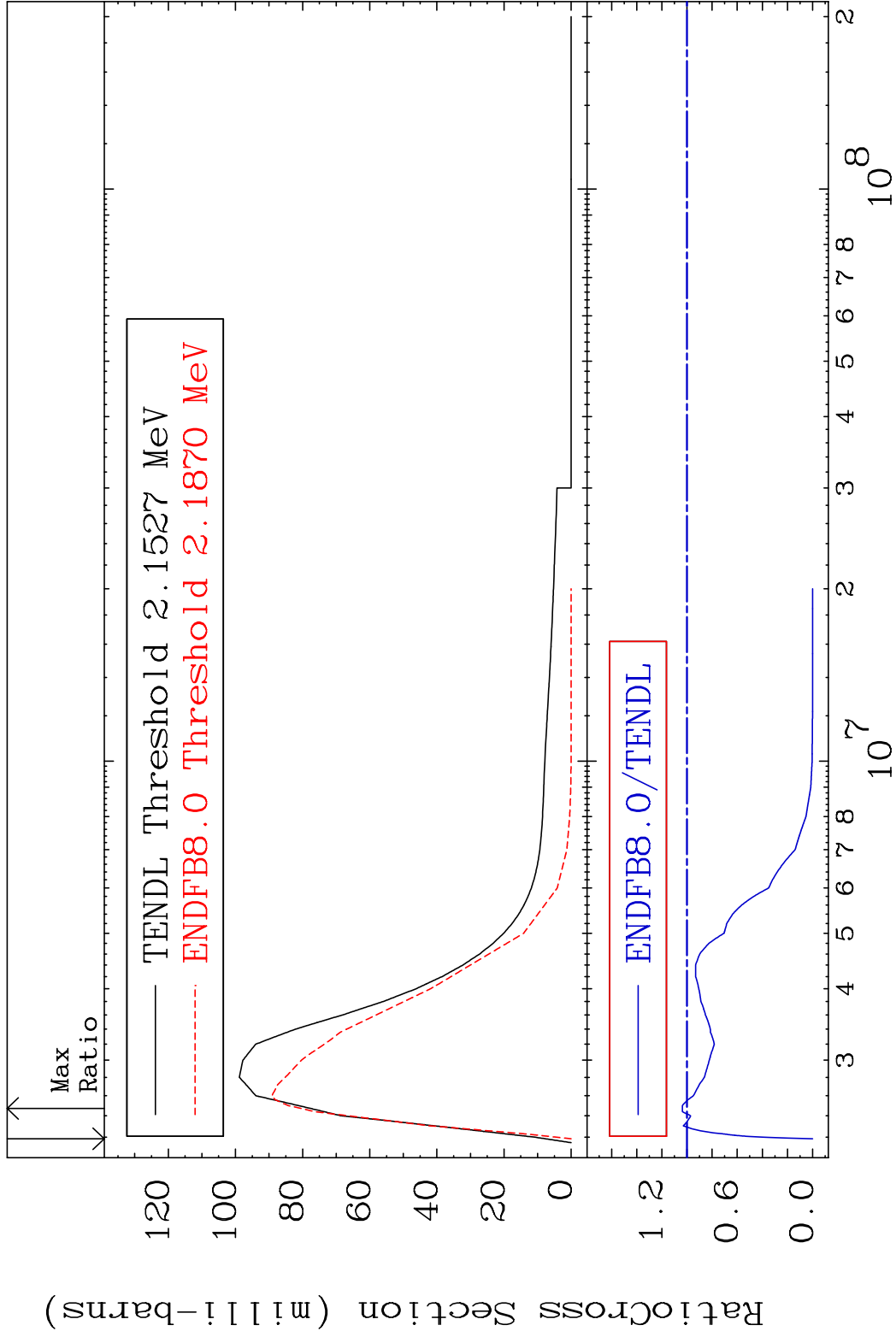
39-Y -91

Cross Section

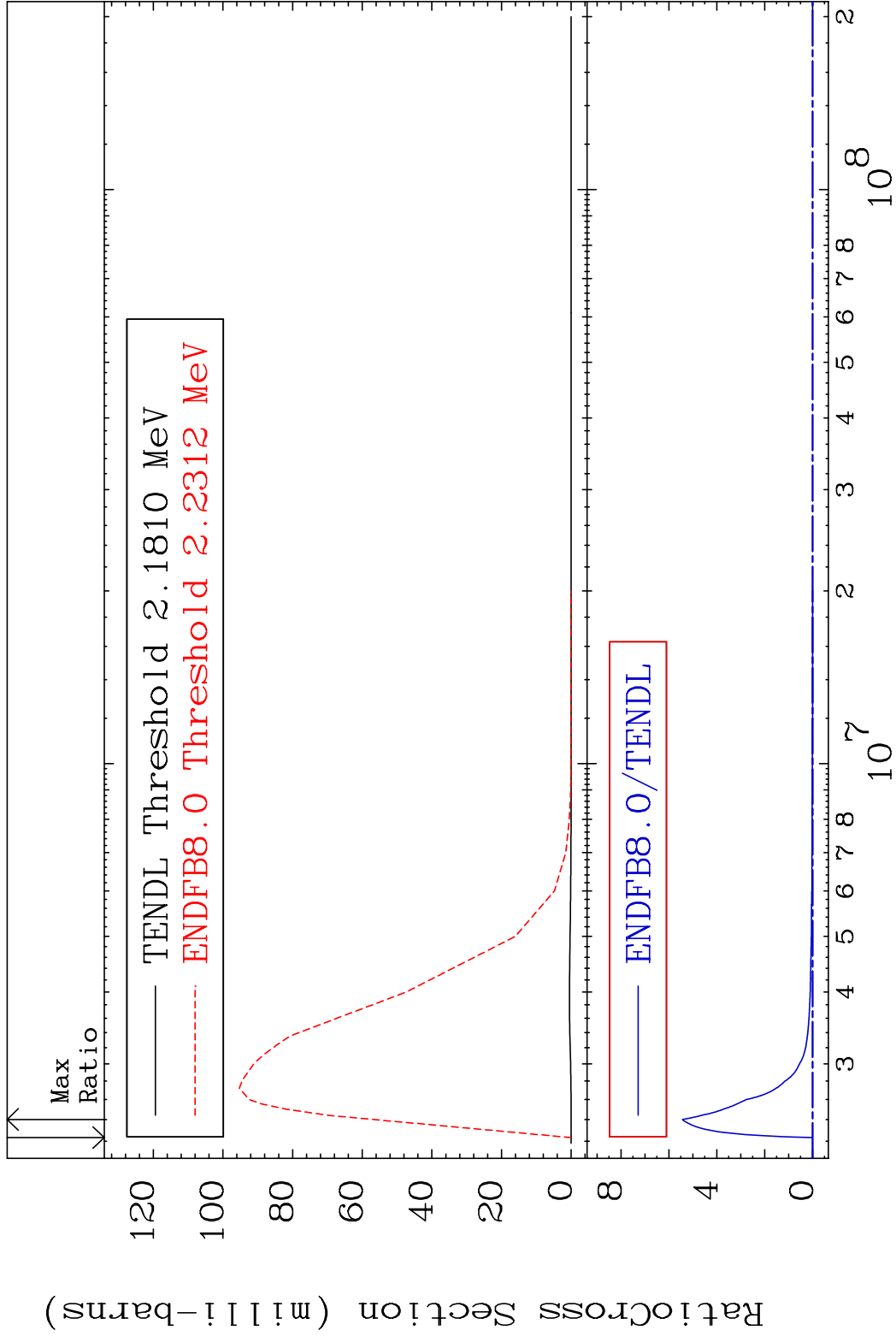
-100.0 To 19.01 %



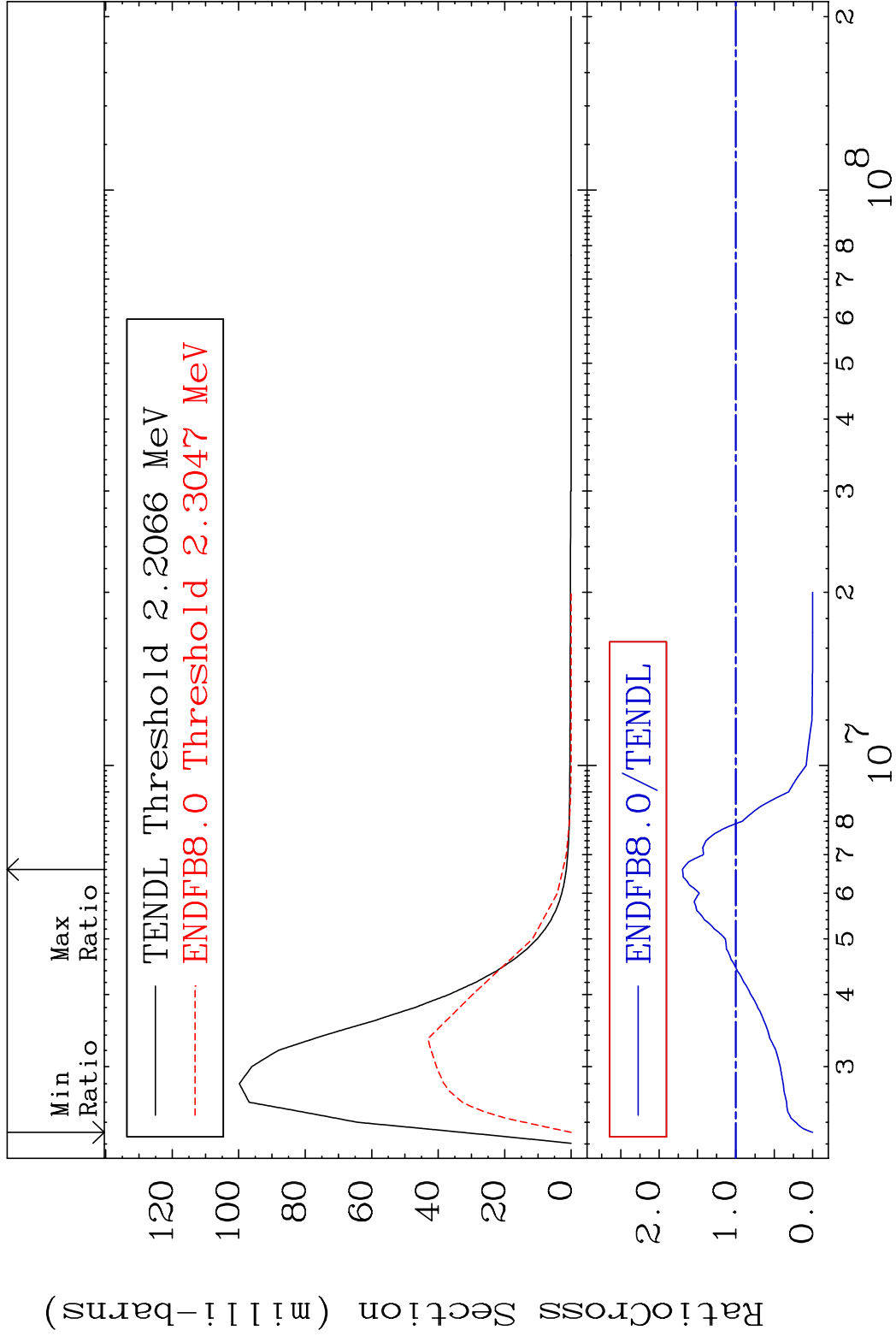
MAT 3931 MT= 63 (n,n') Level 39-Y -91
 Cross Section -100.0 To 3.687 %

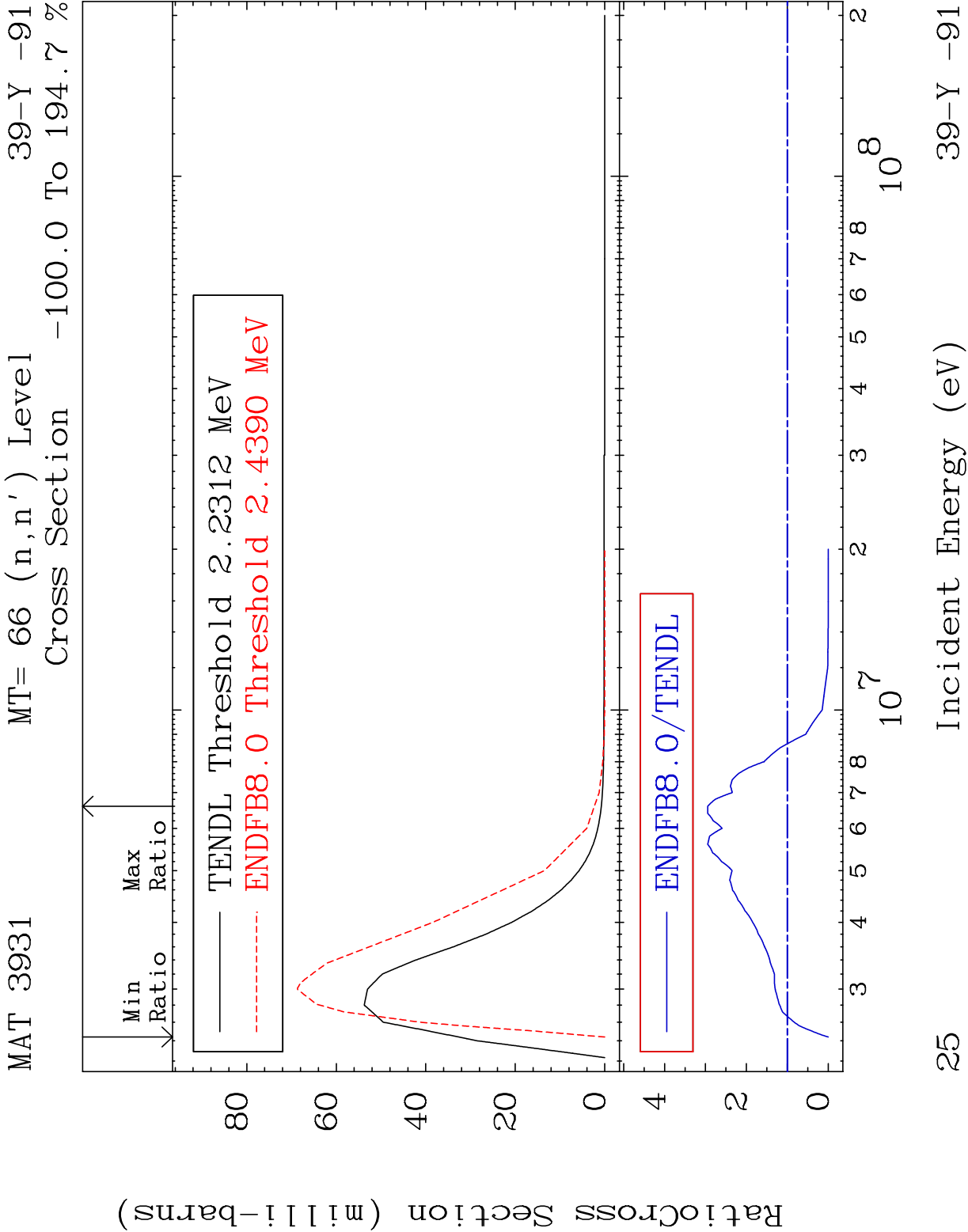


MAT 3931 MT= 64 (n,n') Level 39-Y -91
Cross Section -100.0 To 9999. %

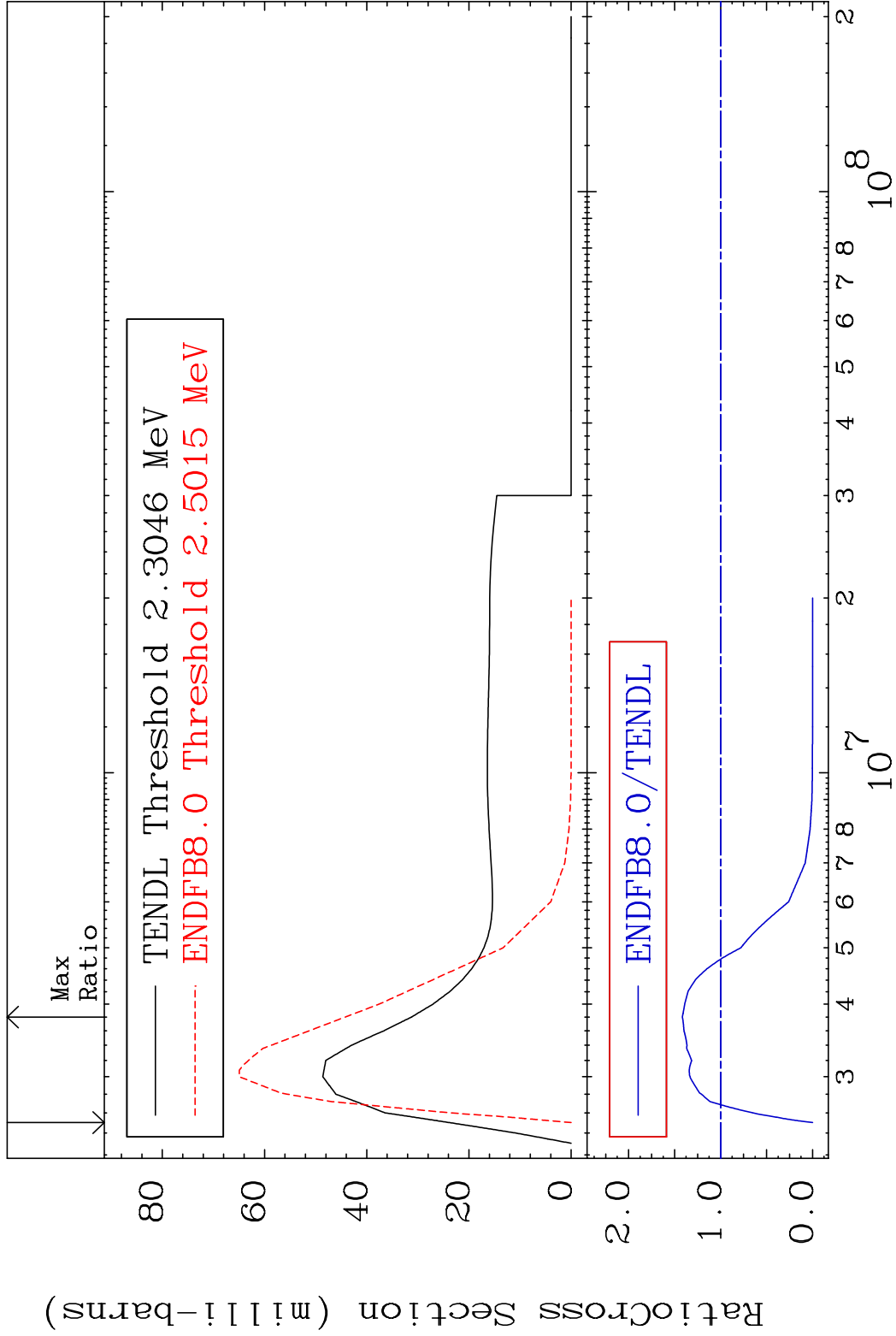


MAT 3931 MT= 65 (n,n') Level 39-Y -91
Cross Section -100.0 To 69.73 %





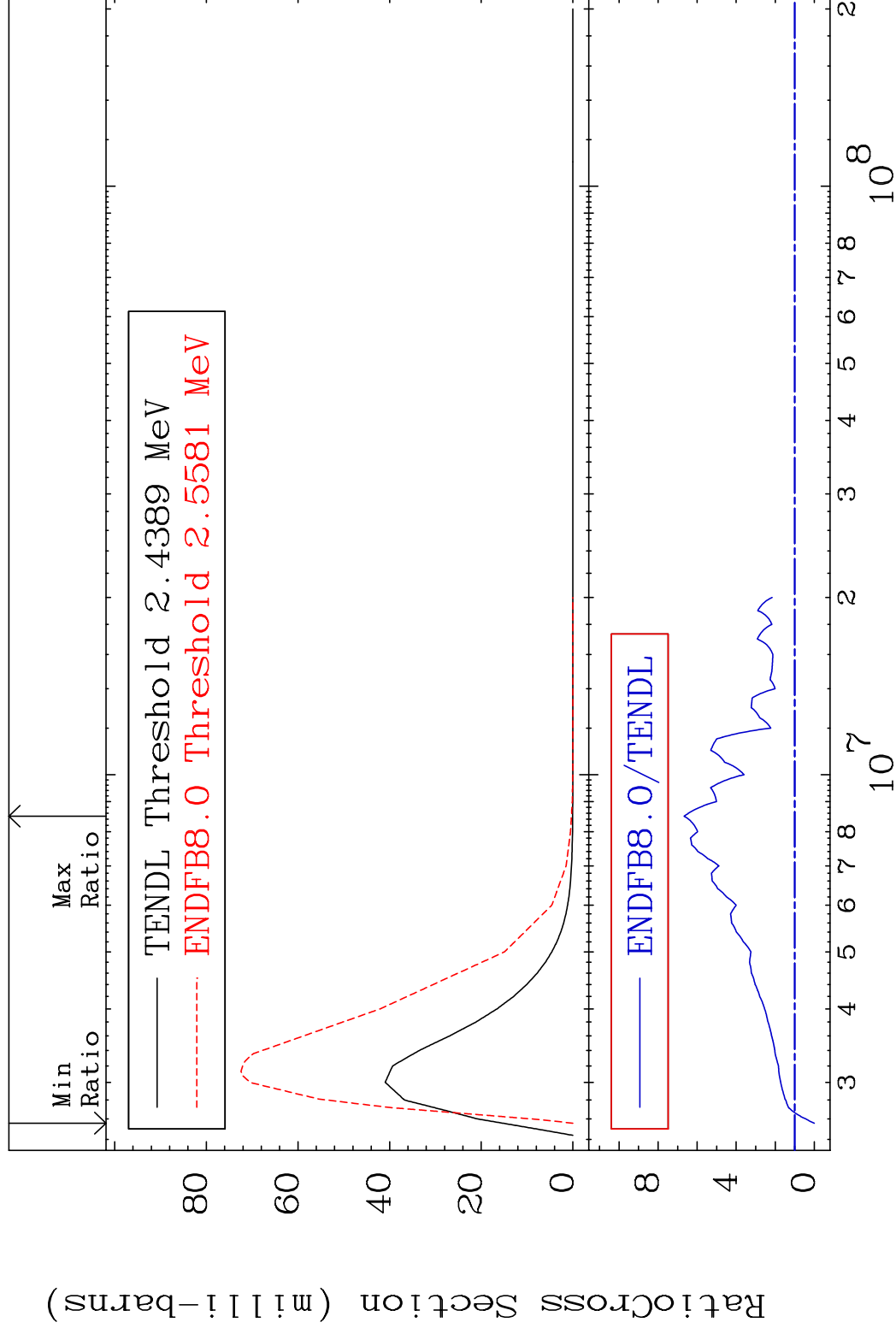
MAT 3931 MT= 67 (n,n') Level 39-Y -91
Cross Section -100.0 To 41.60 %



MAT 3931

MT= 68 (n, n') Level

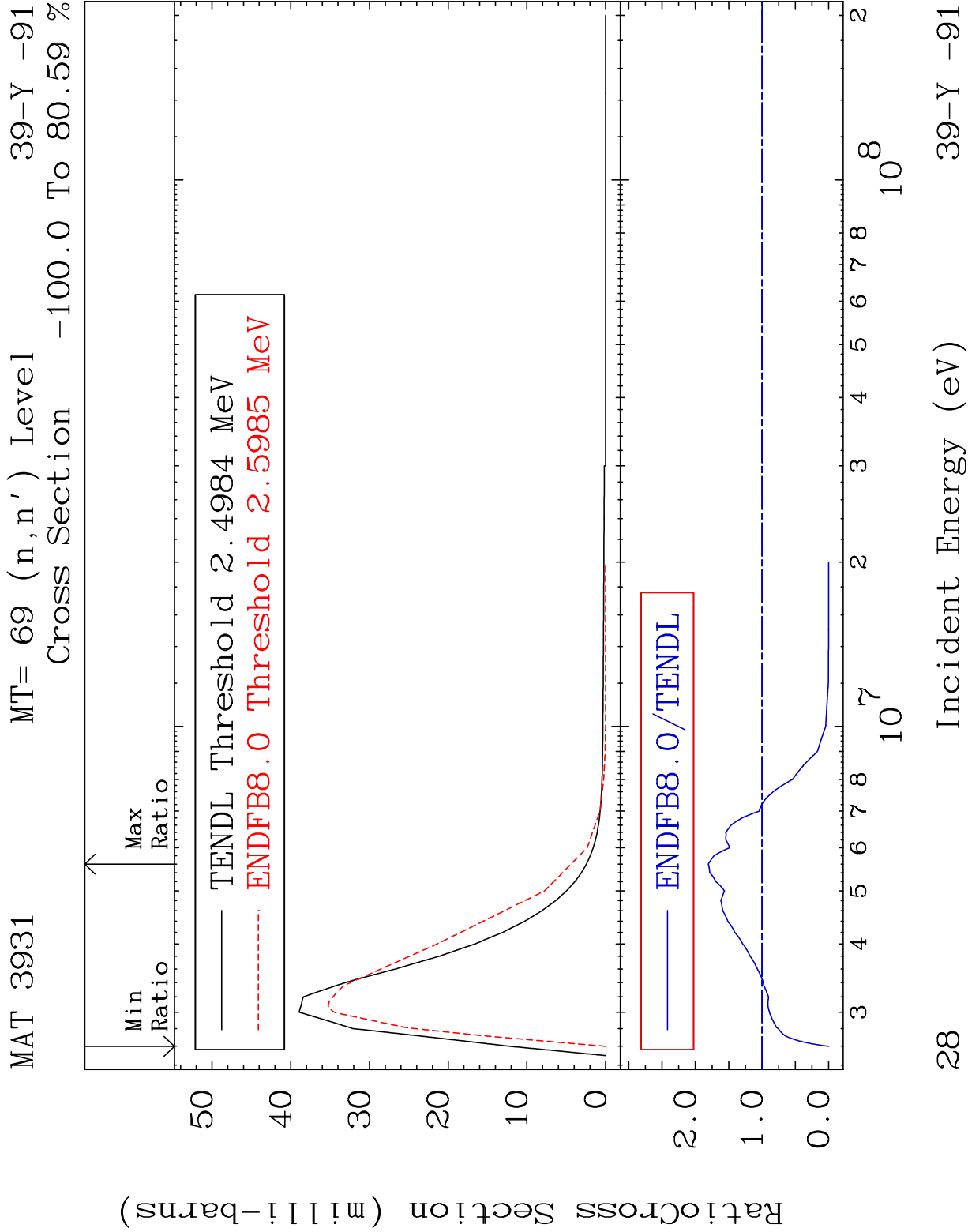
39-Y -91

Cross Section
-100.0 To 567.0 %

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Incident Energy (eV)

39-Y -91



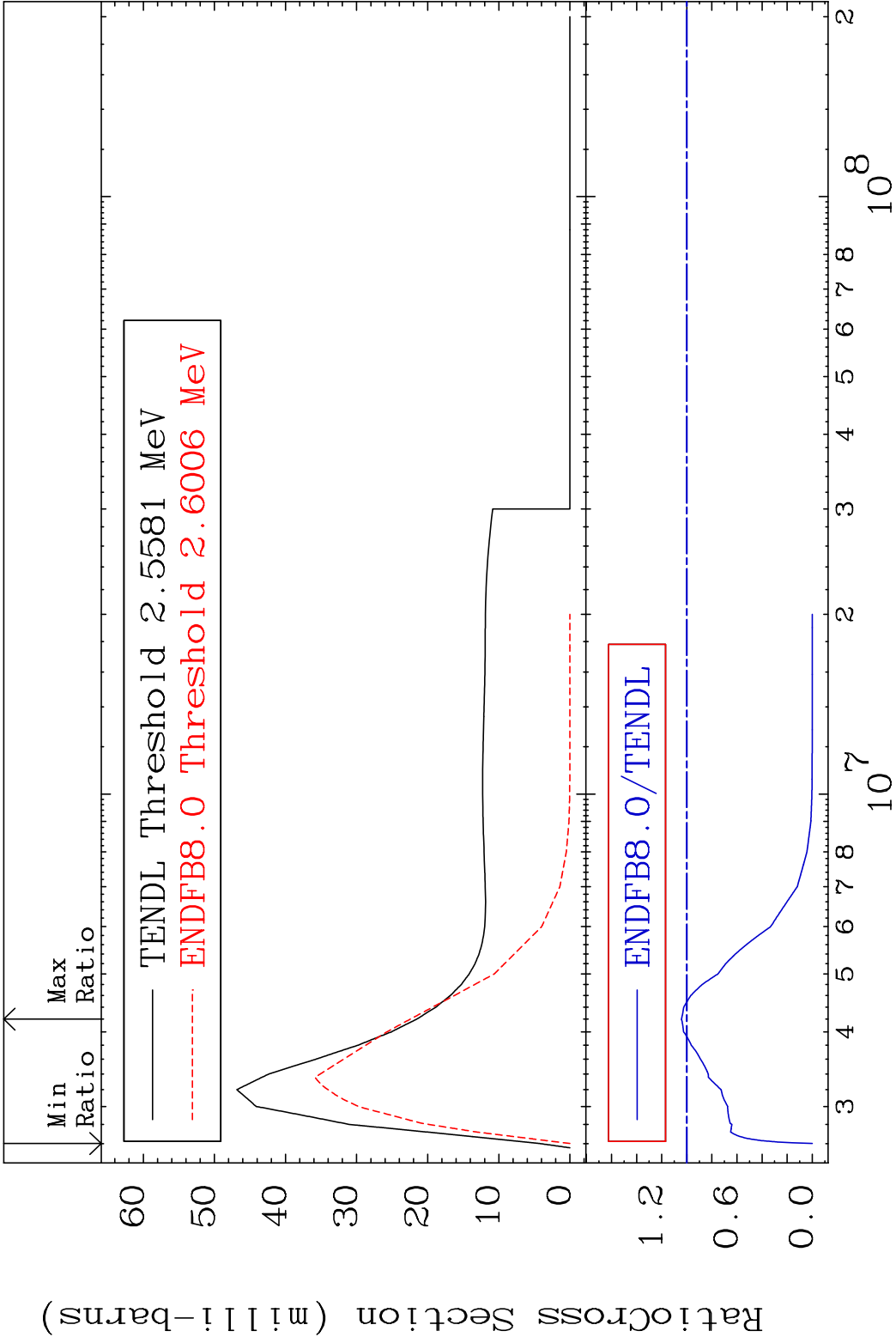
MAT 3931

MT= 70 (n,n') Level

39-Y -91

Cross Section

-100.0 To 4.189 %

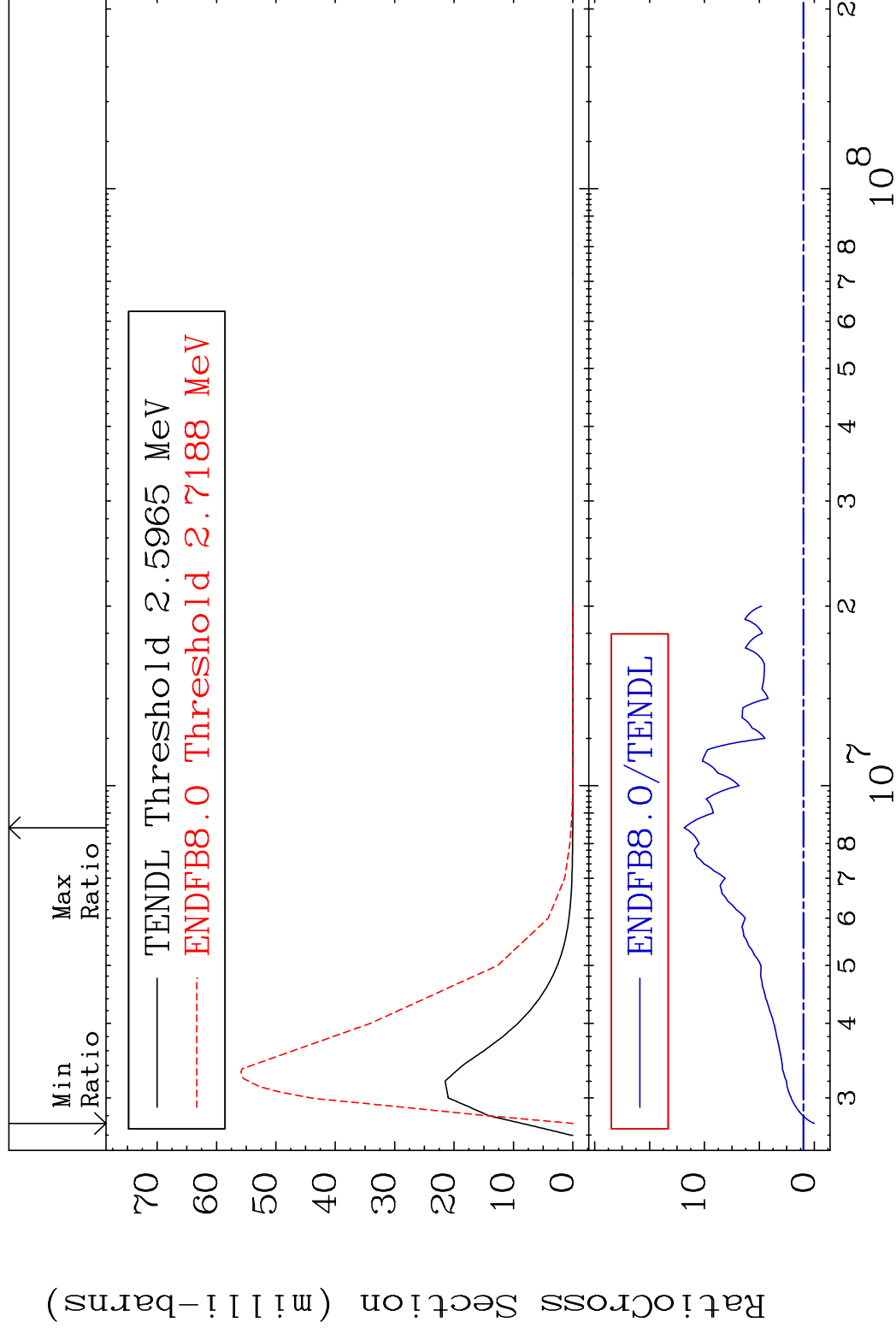


MAT 3931

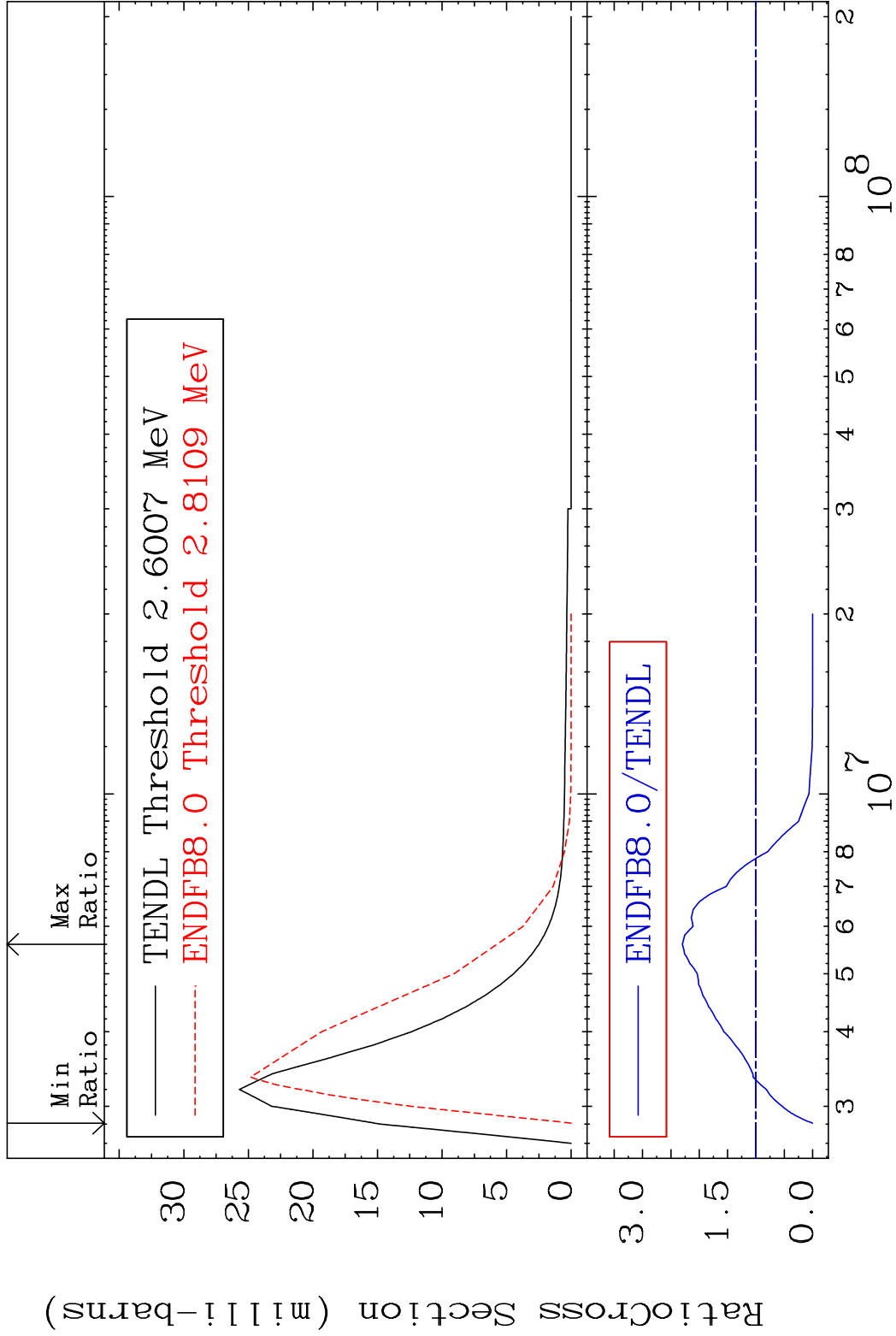
MT=71 (n,n') Level

39-Y -91

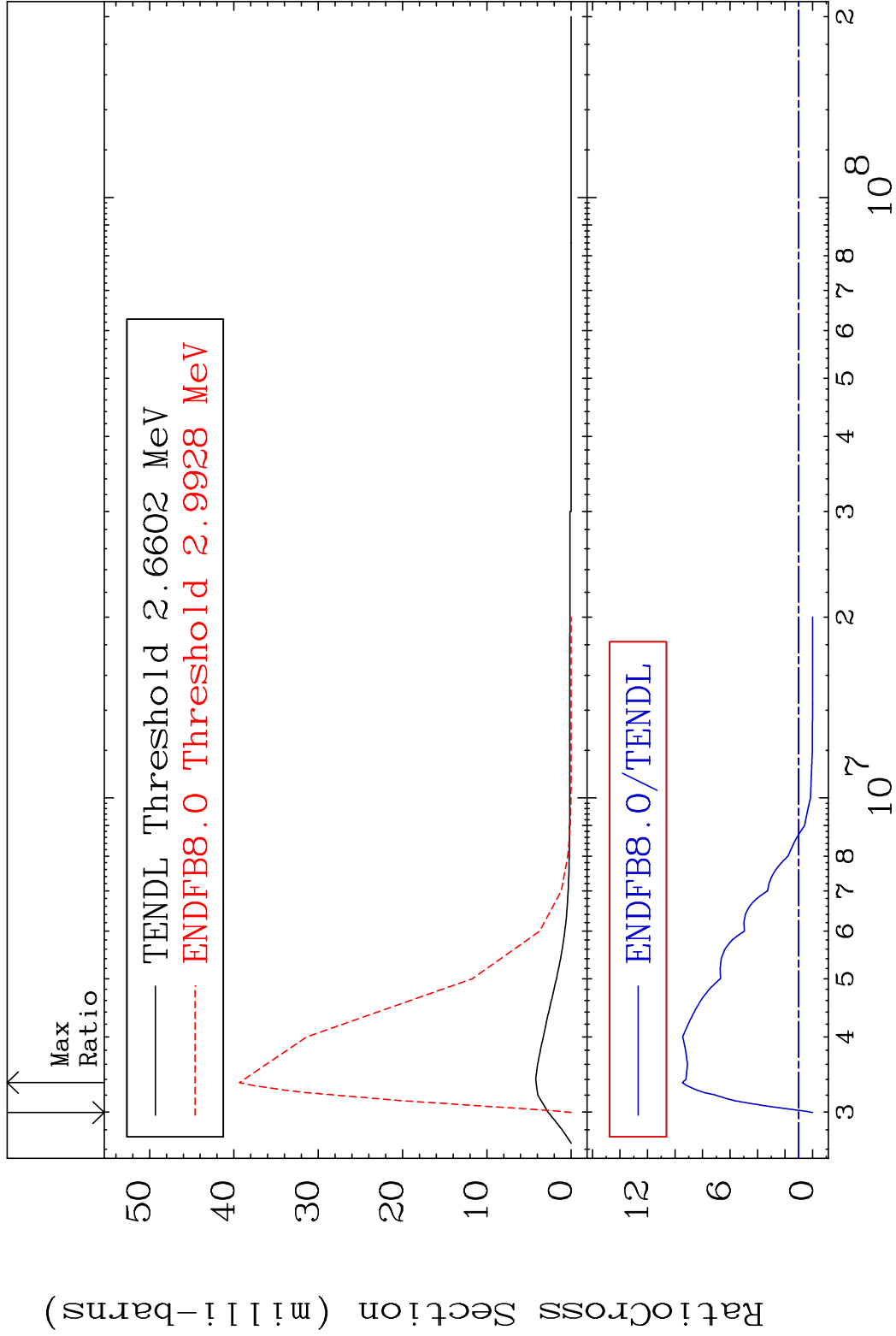
Cross Section	-100.0 To 1086. %

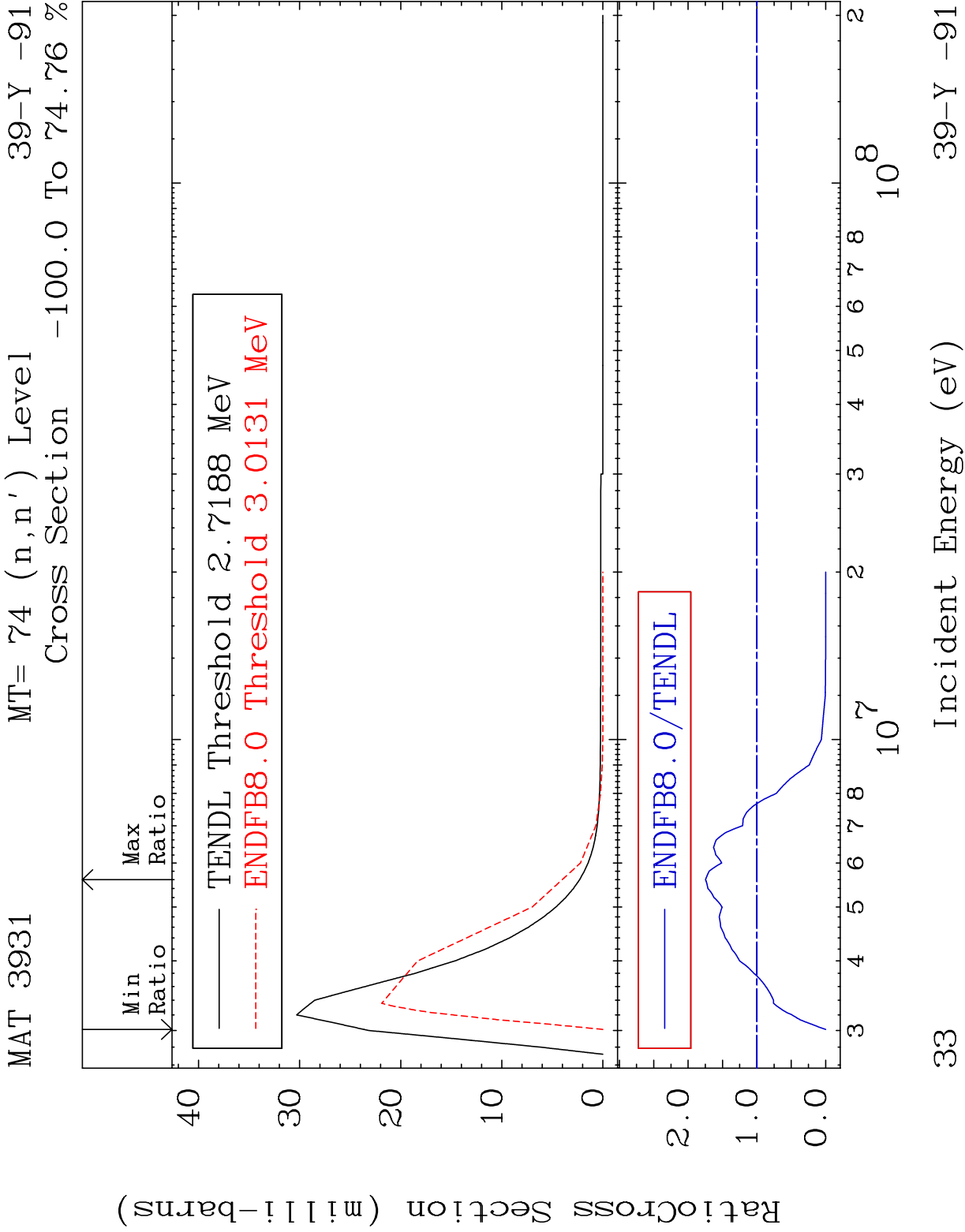


MAT 3931 MT= 72 (n,n') Level 39-Y -91
Cross Section -100.0 To 129.8 %

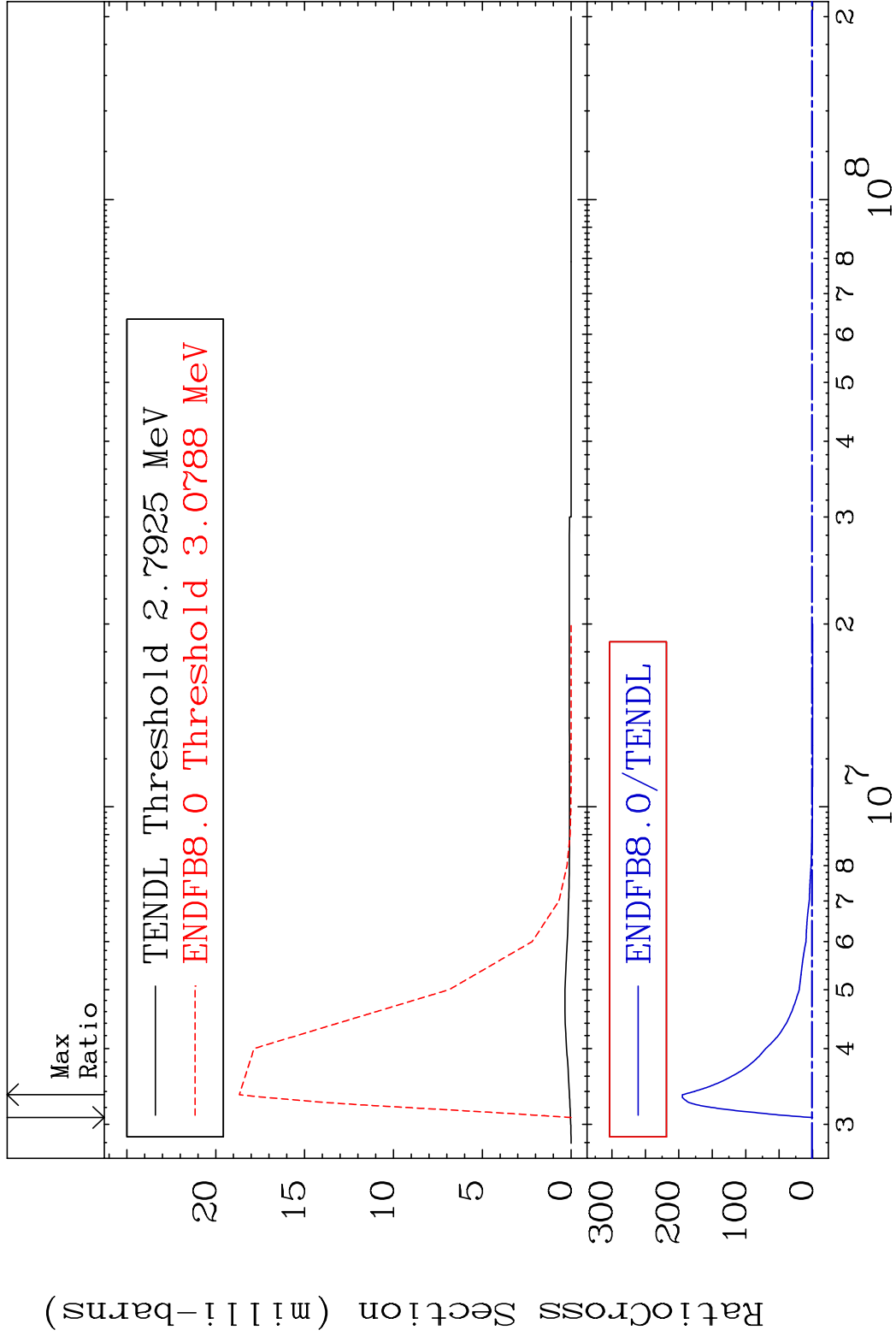


MAT 3931 MT= 73 (n,n') Level 39-Y -91
Cross Section -100.0 To 846.6 %

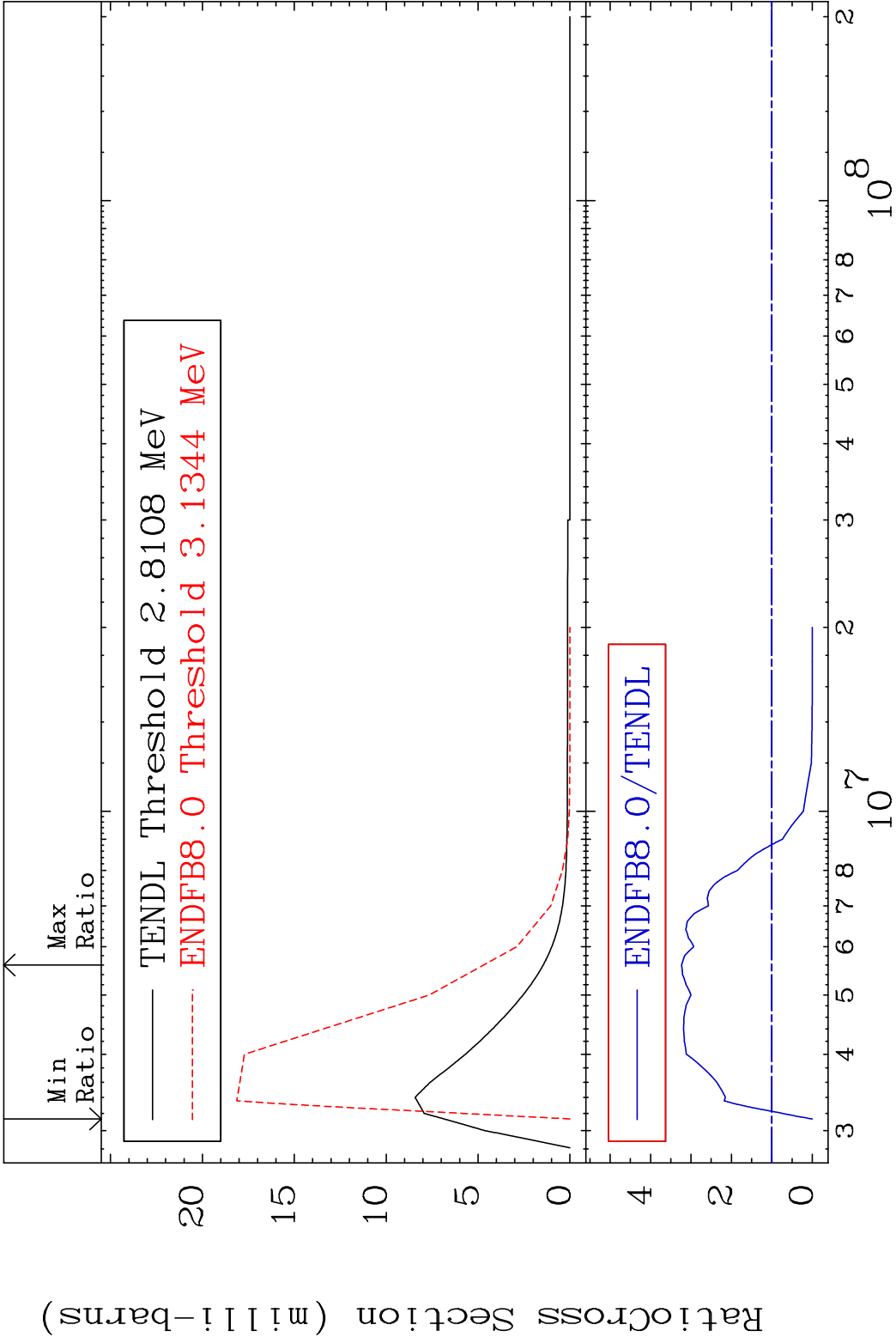




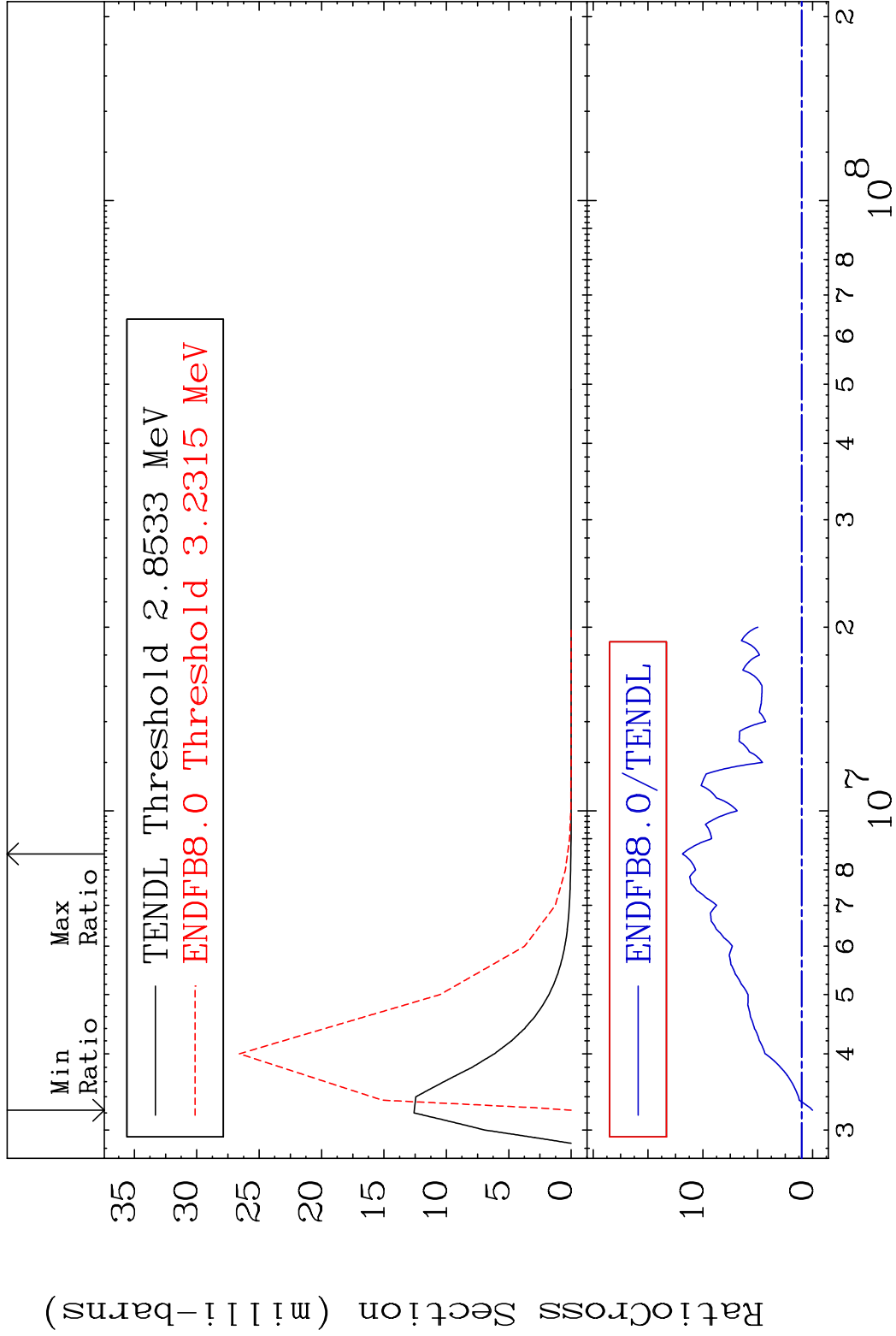
MAT 3931 MT= 75 (n,n') Level 39-Y -91
Cross Section -100.0 To 9999. %



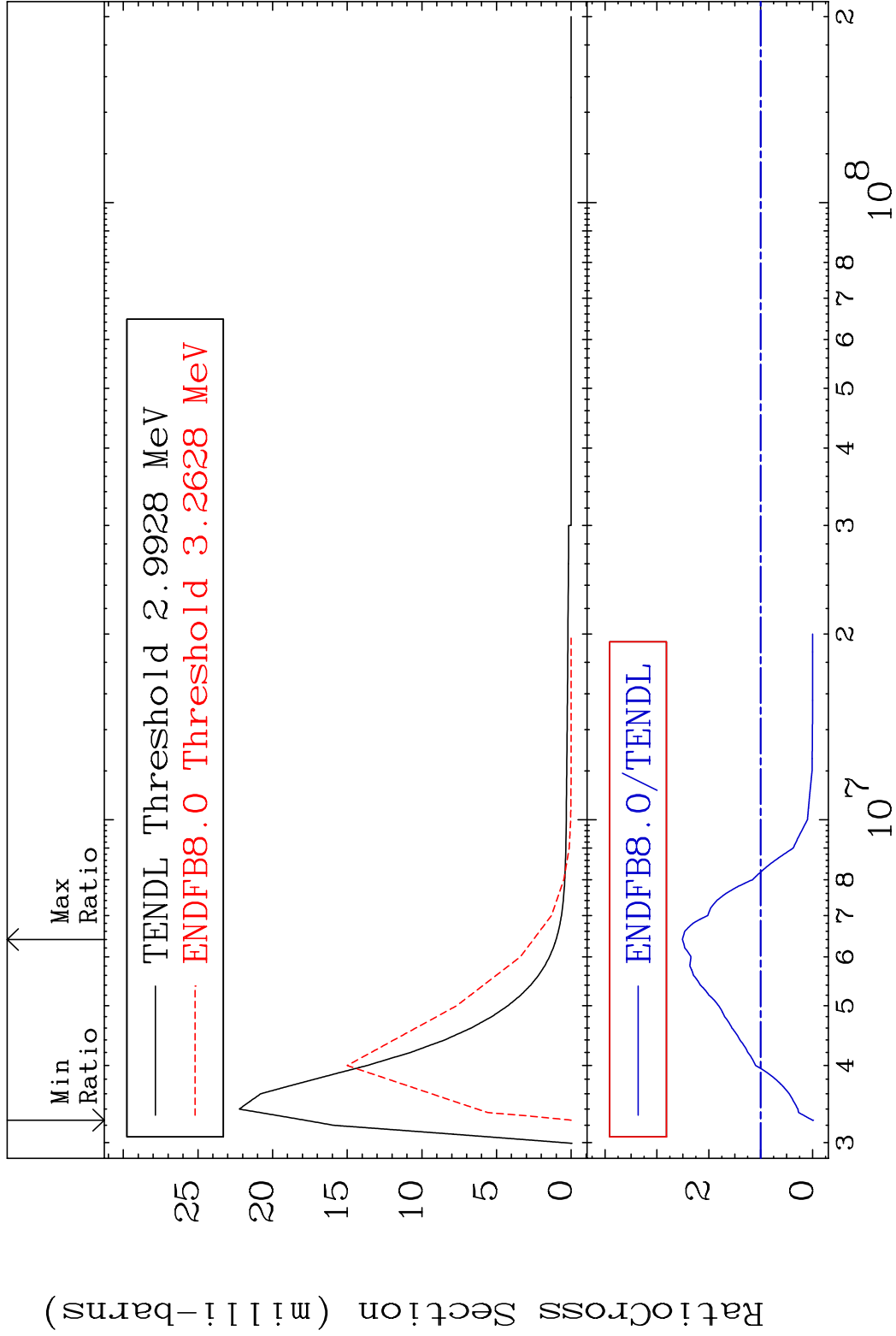
MAT 3931 MT= 76 (n,n') Level 39-Y -91
 Cross Section -100.0 To 223.4 %

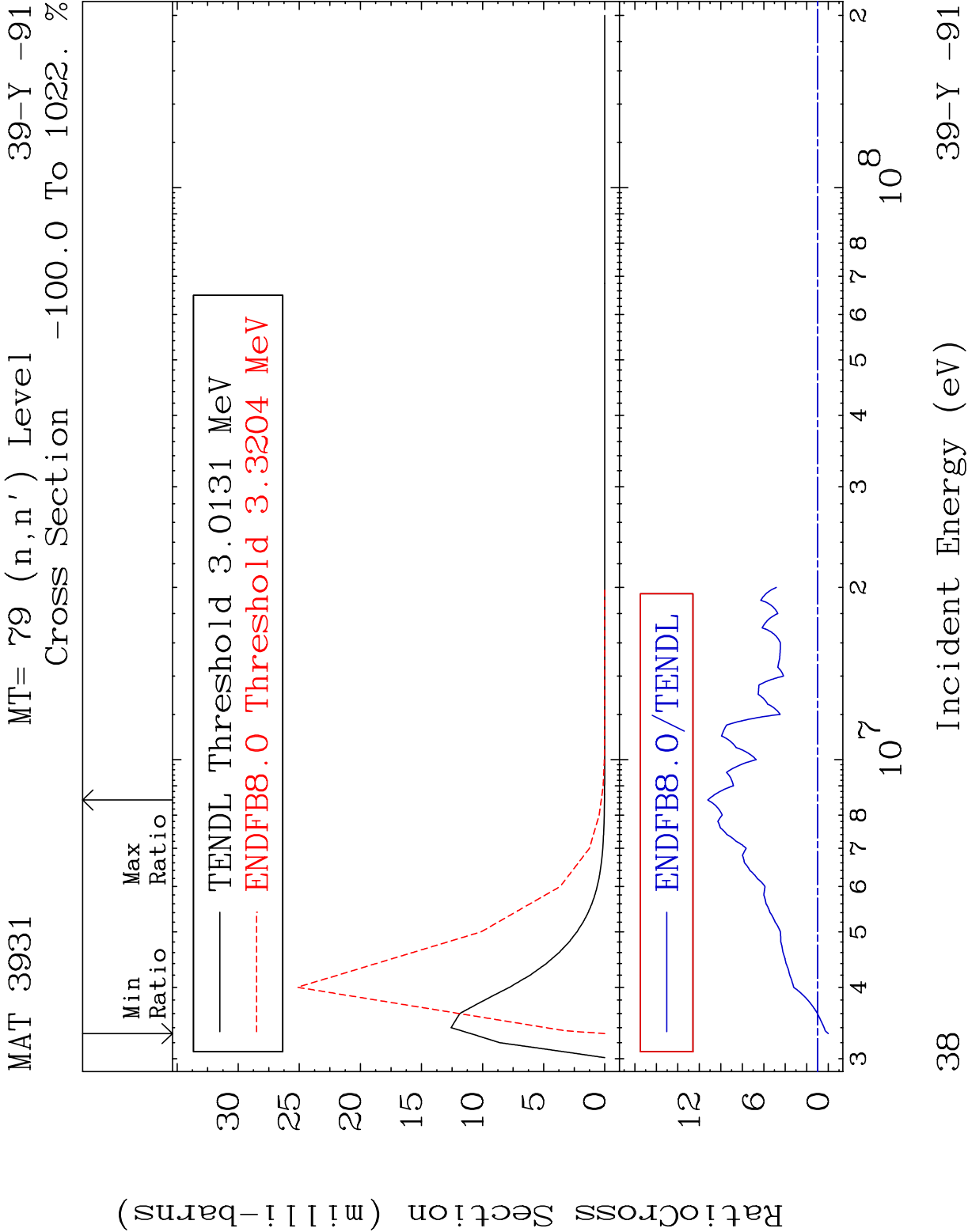


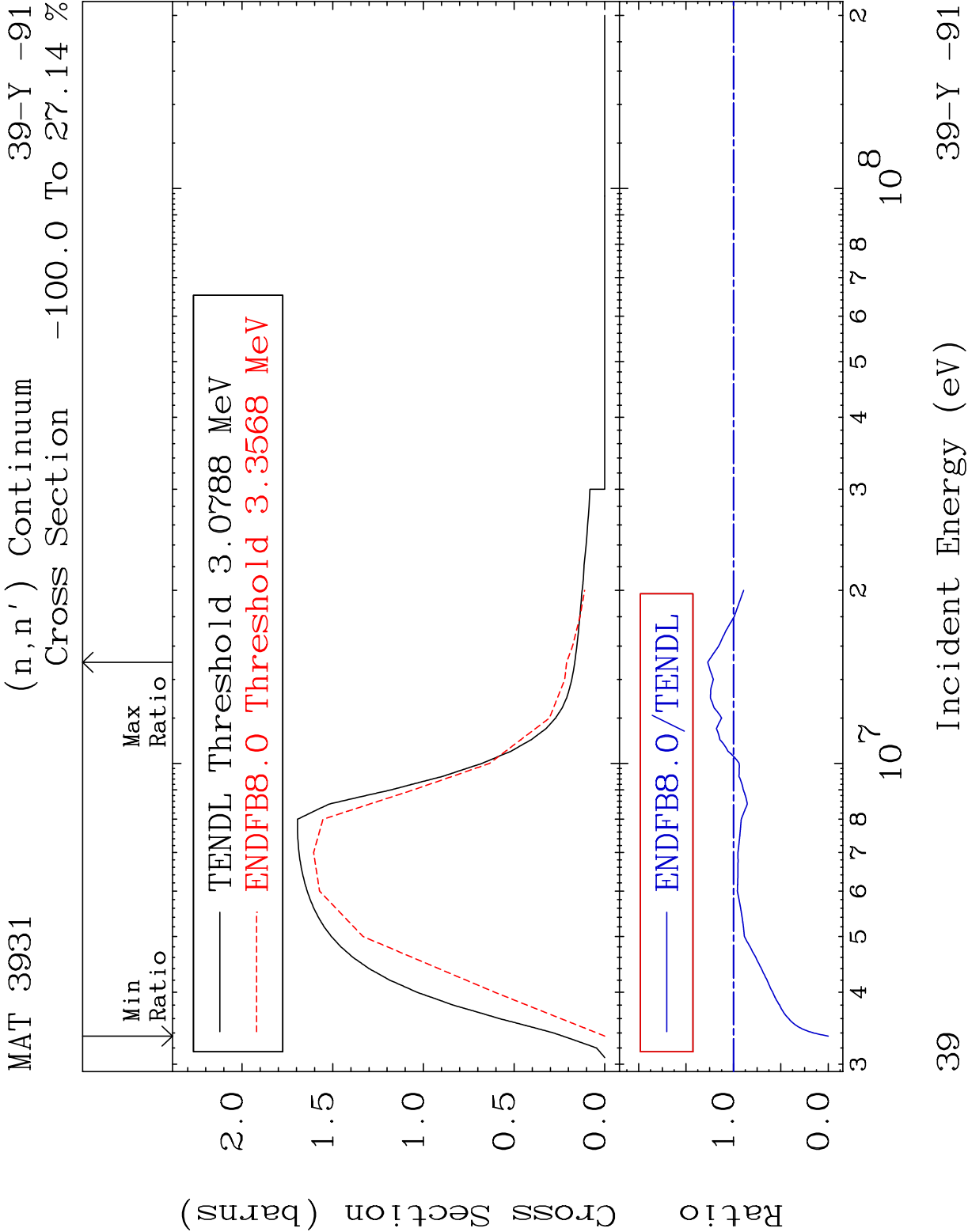
MAT 3931 MT= 77 (n,n') Level 39-Y -91
Cross Section -100.0 To 1087. %



MAT 3931 MT= 78 (n,n') Level 39-Y -91
Cross Section -100.0 To 151.0 %





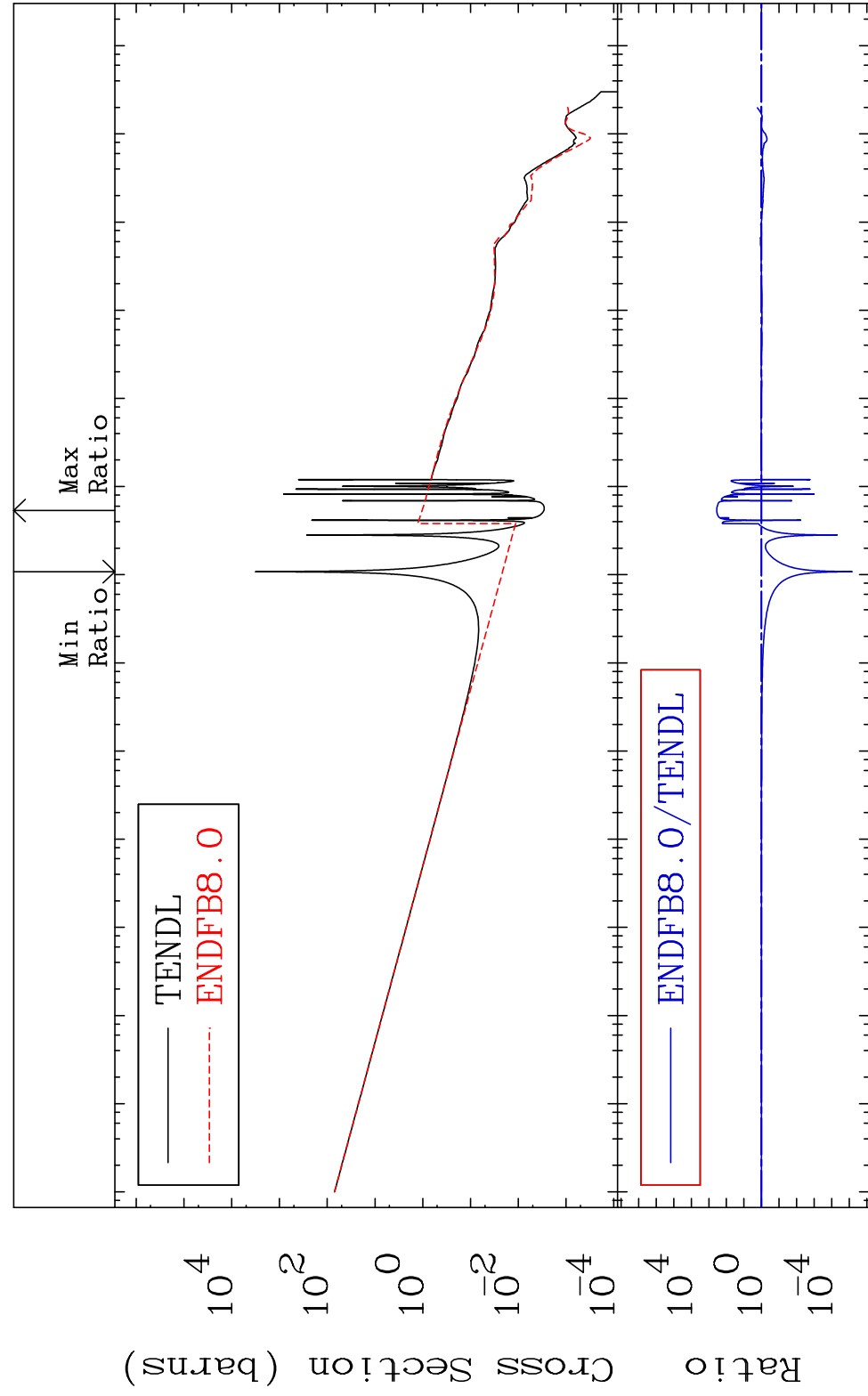


MAT 3931

(n, γ)

39-Y -91

Cross Section -100.0 To 9999. %

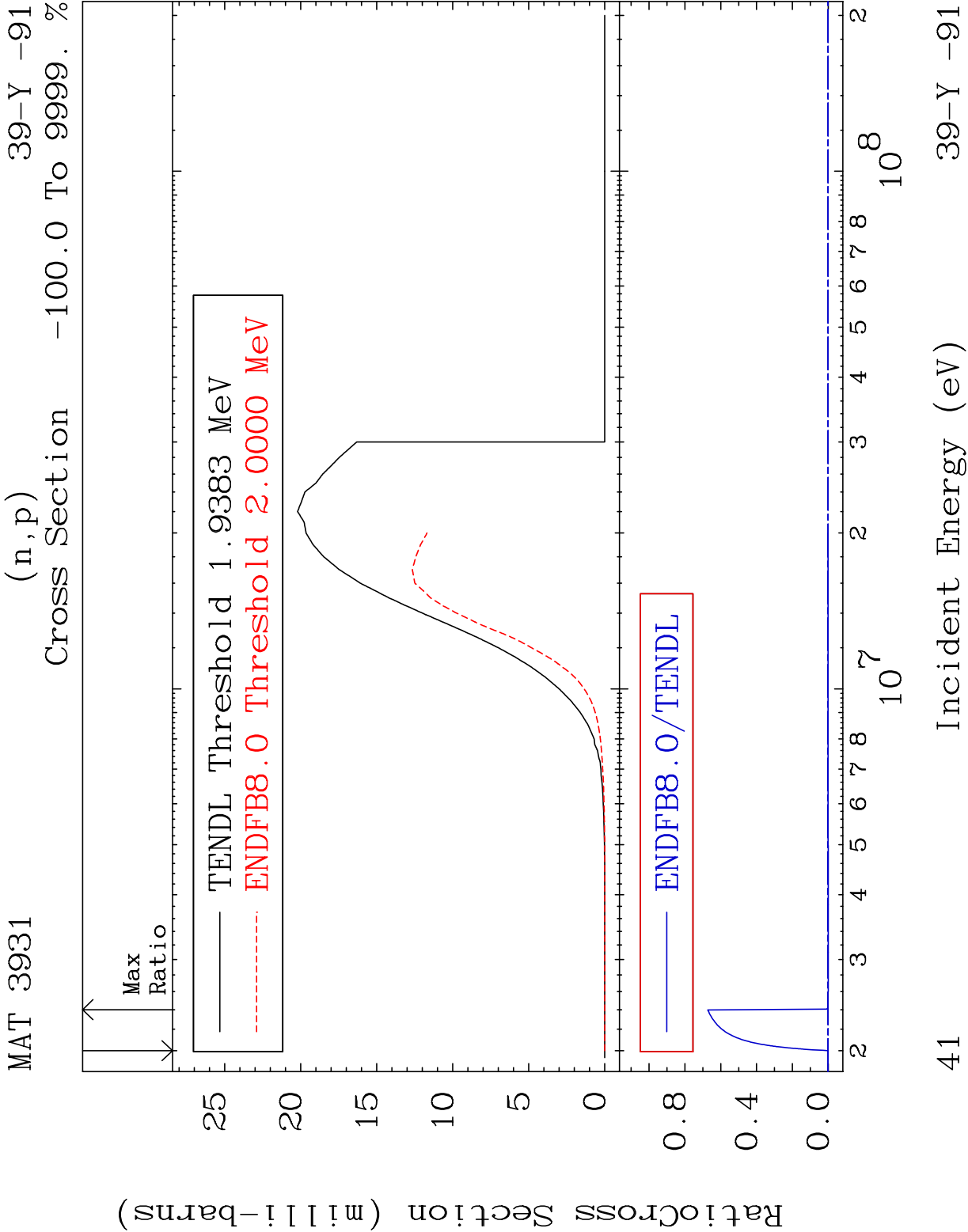


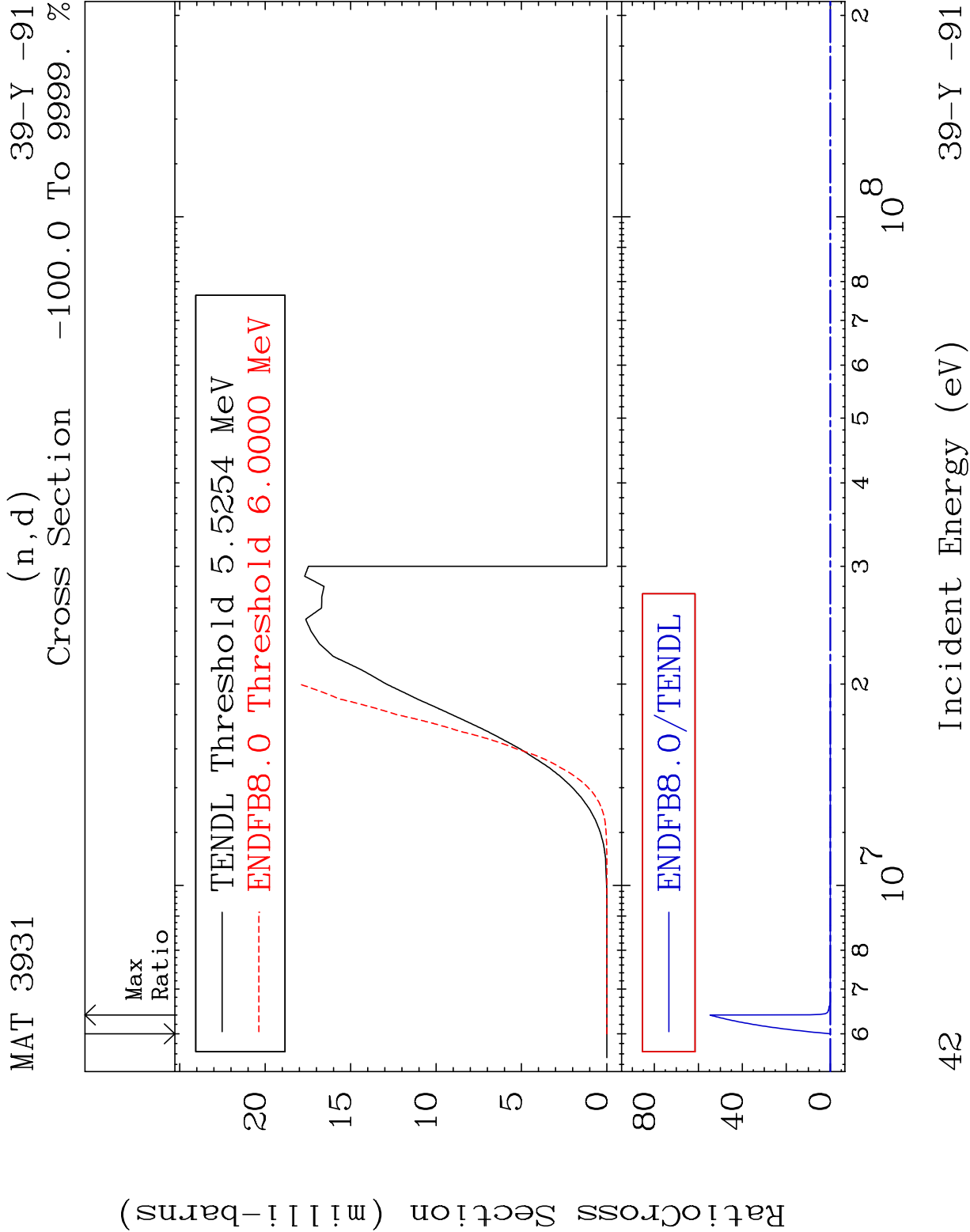
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

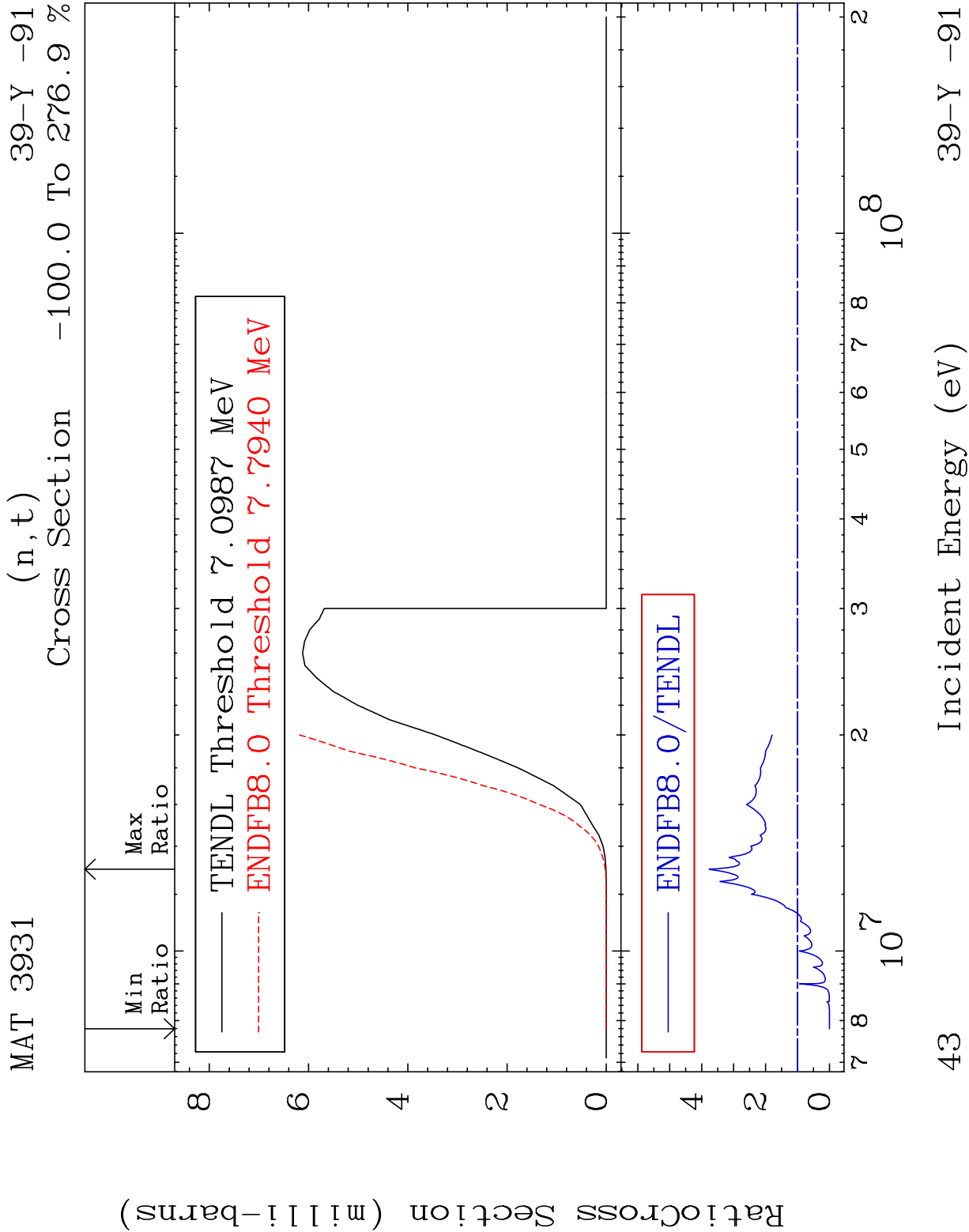
40

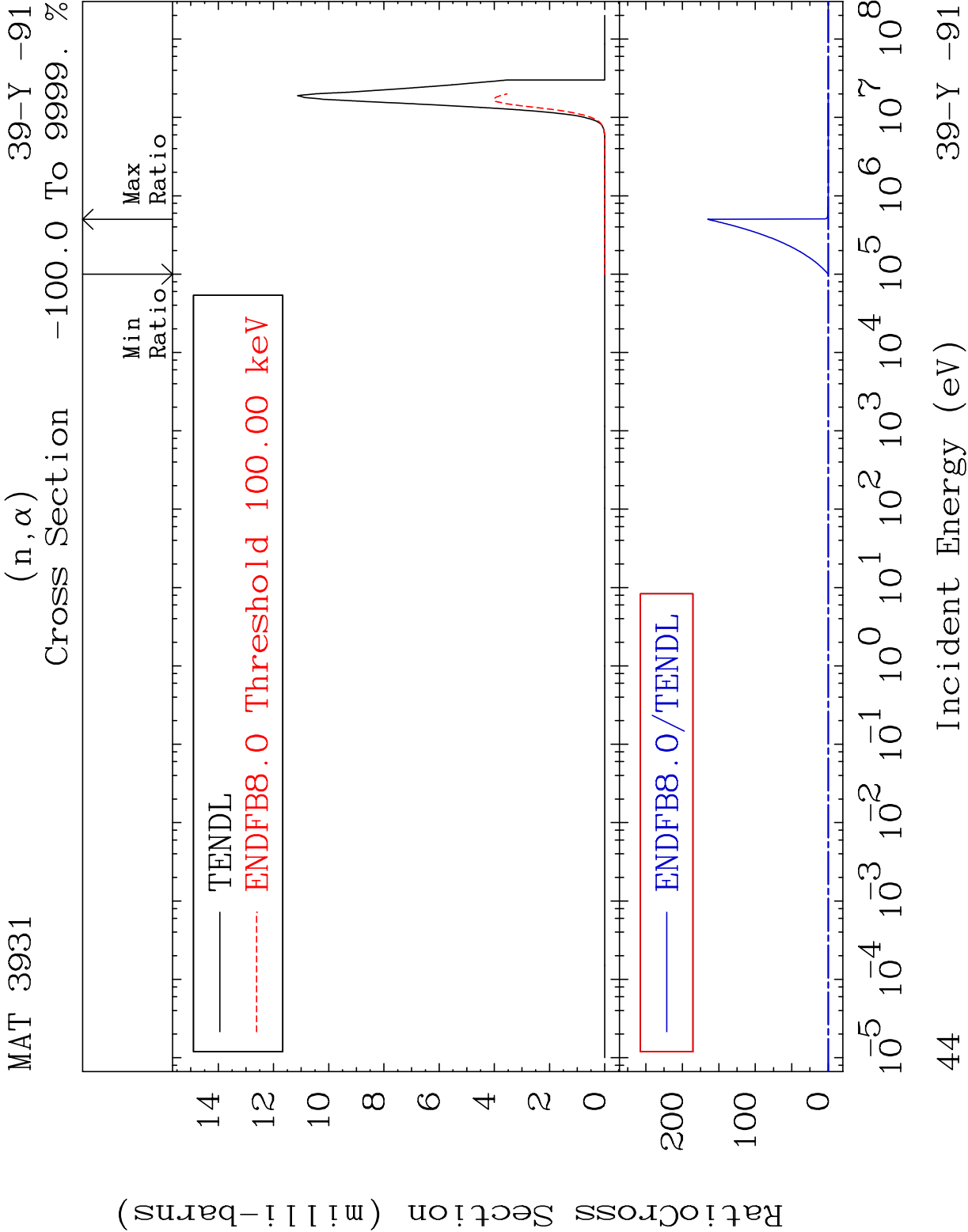
Incident Energy (eV)

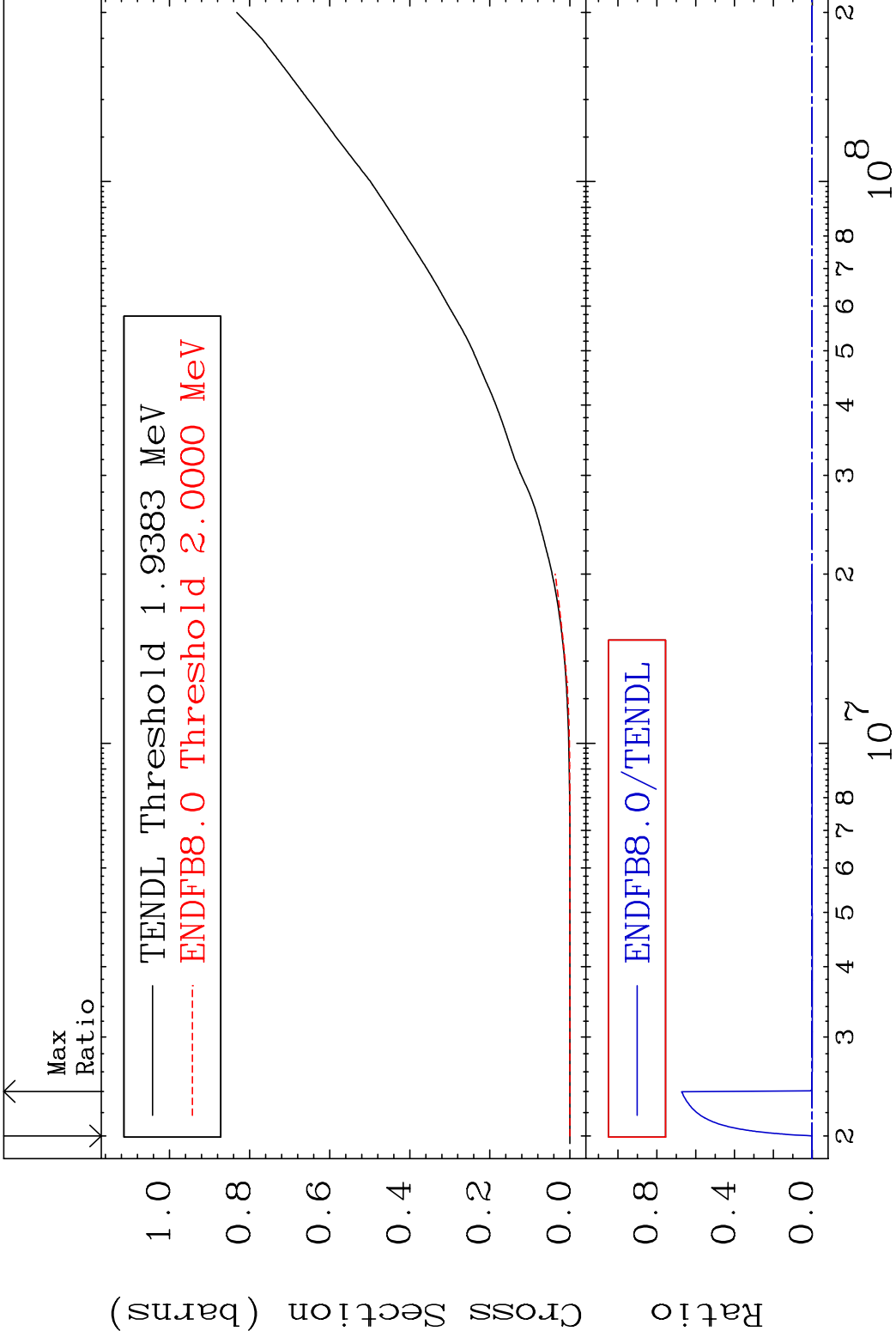
39-Y -91

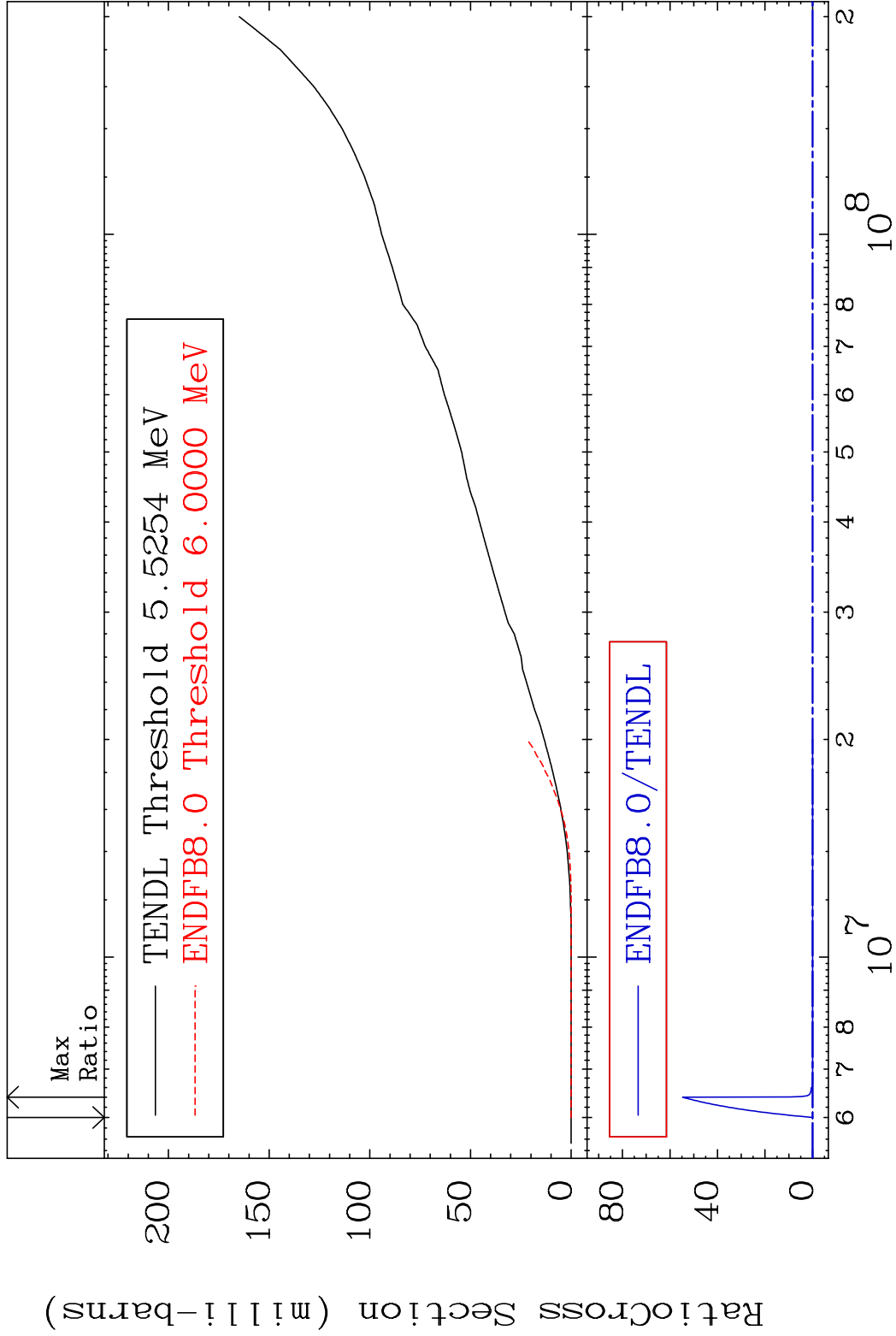


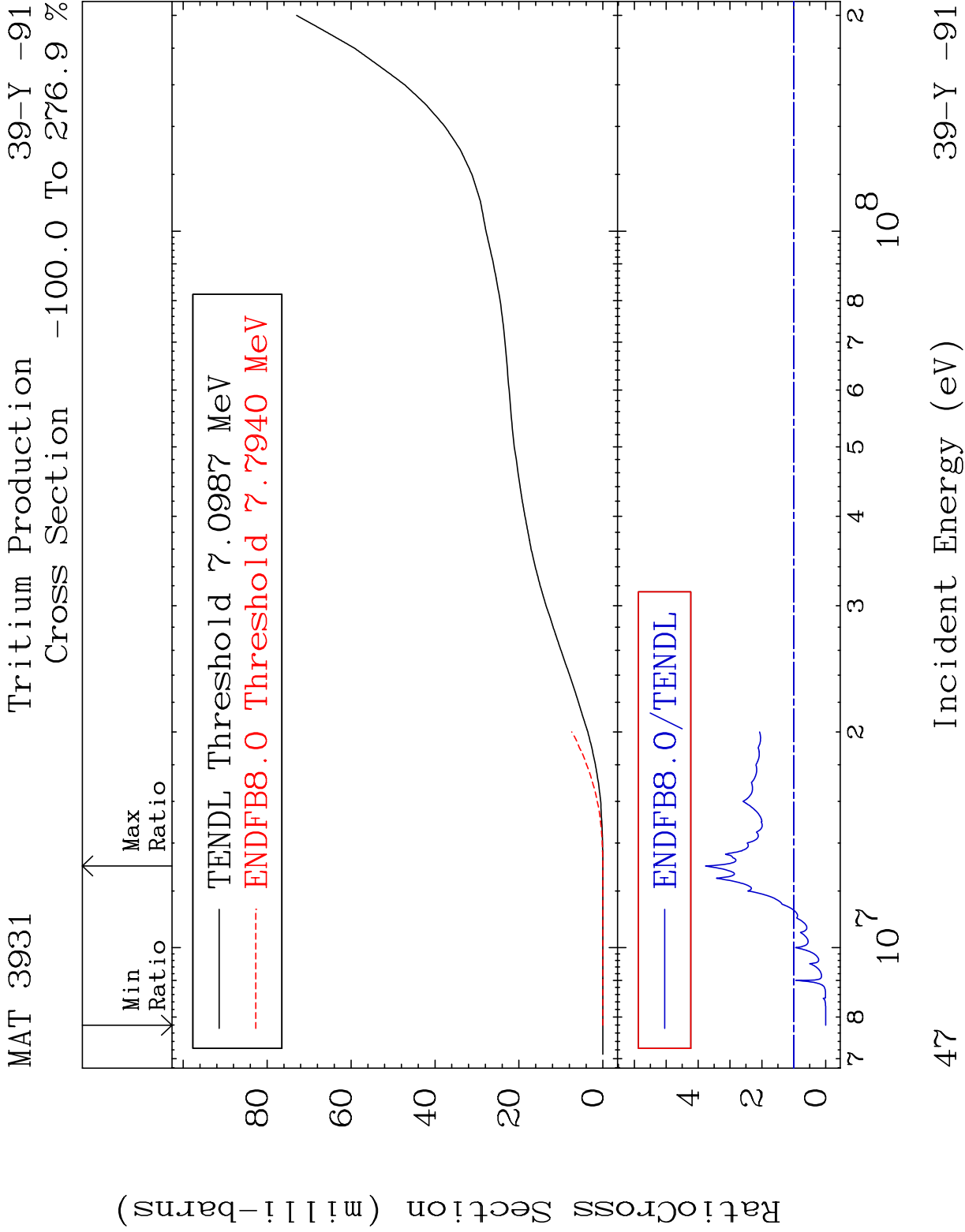






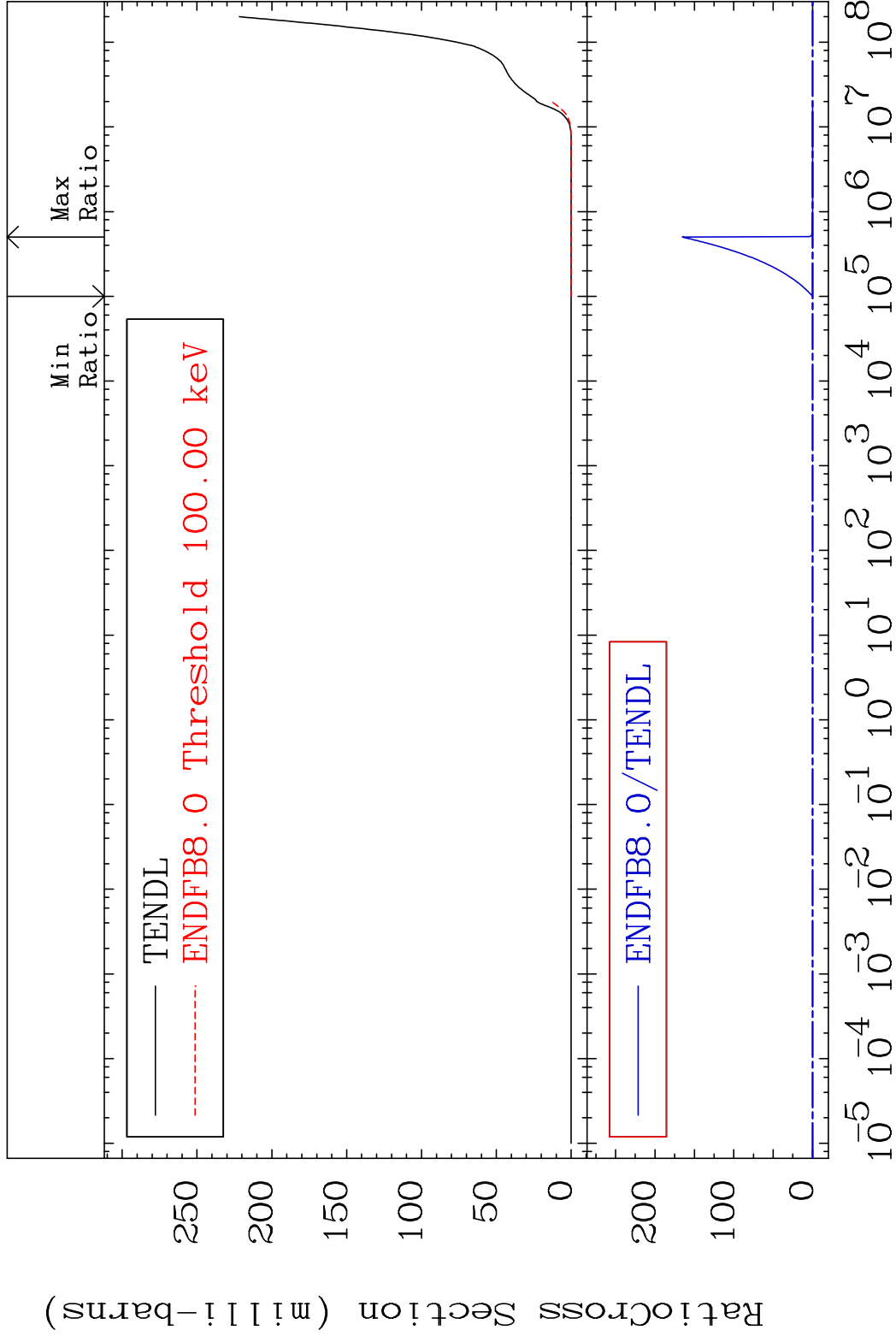


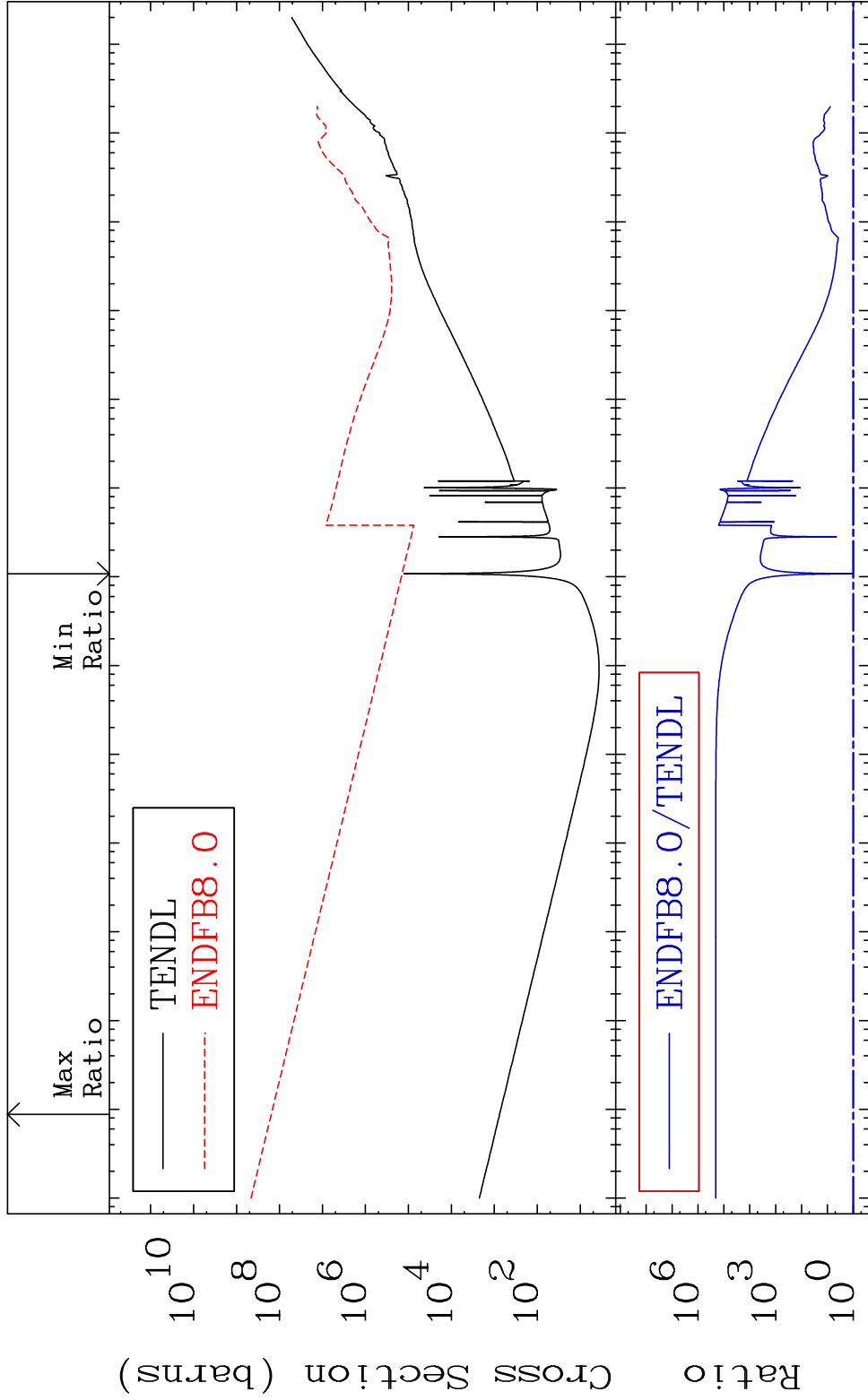




47

39-Y -91



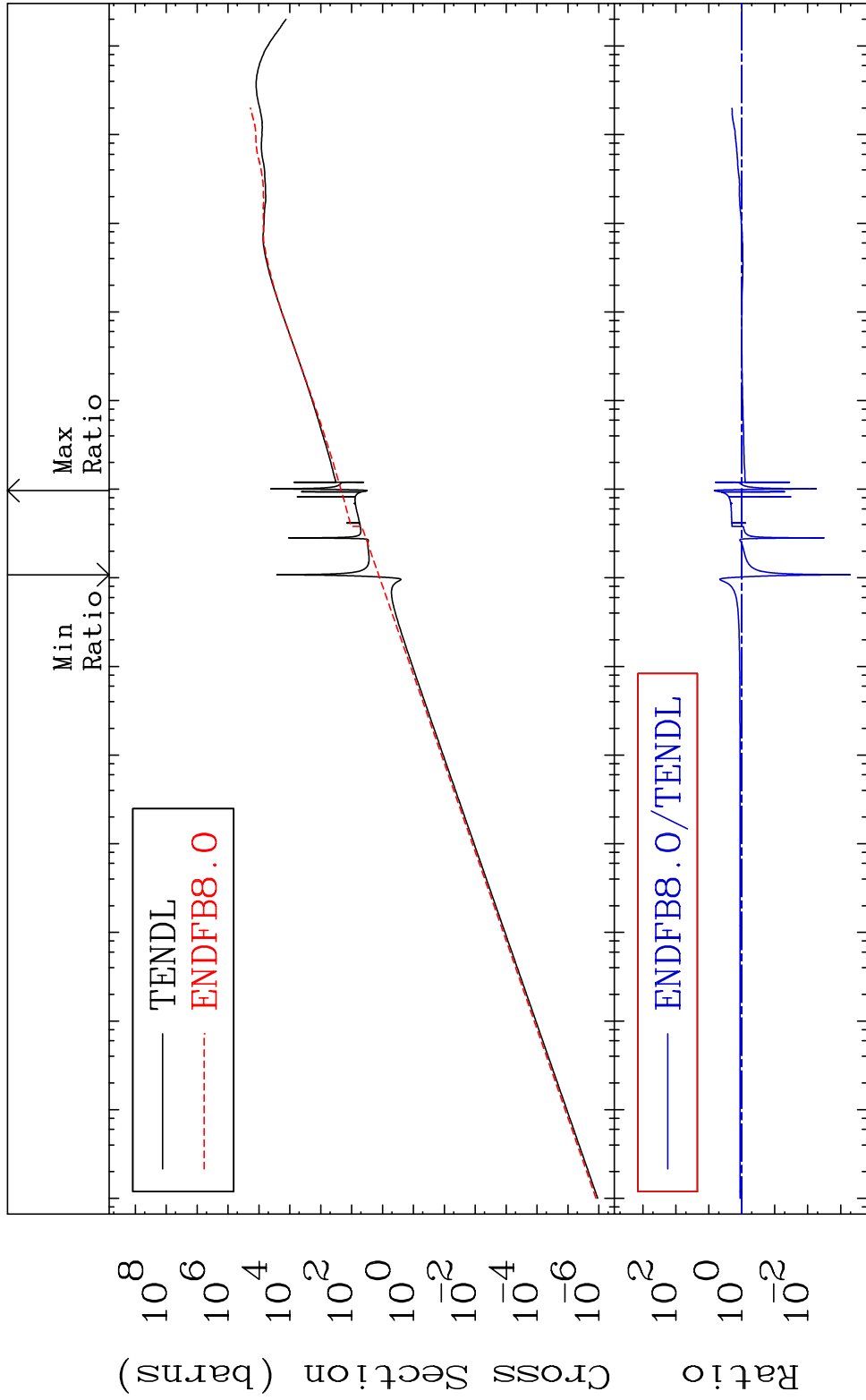


MAT 3931

Kerma elastic

39-Y -91

Cross Section -99.95 To 598.0 %

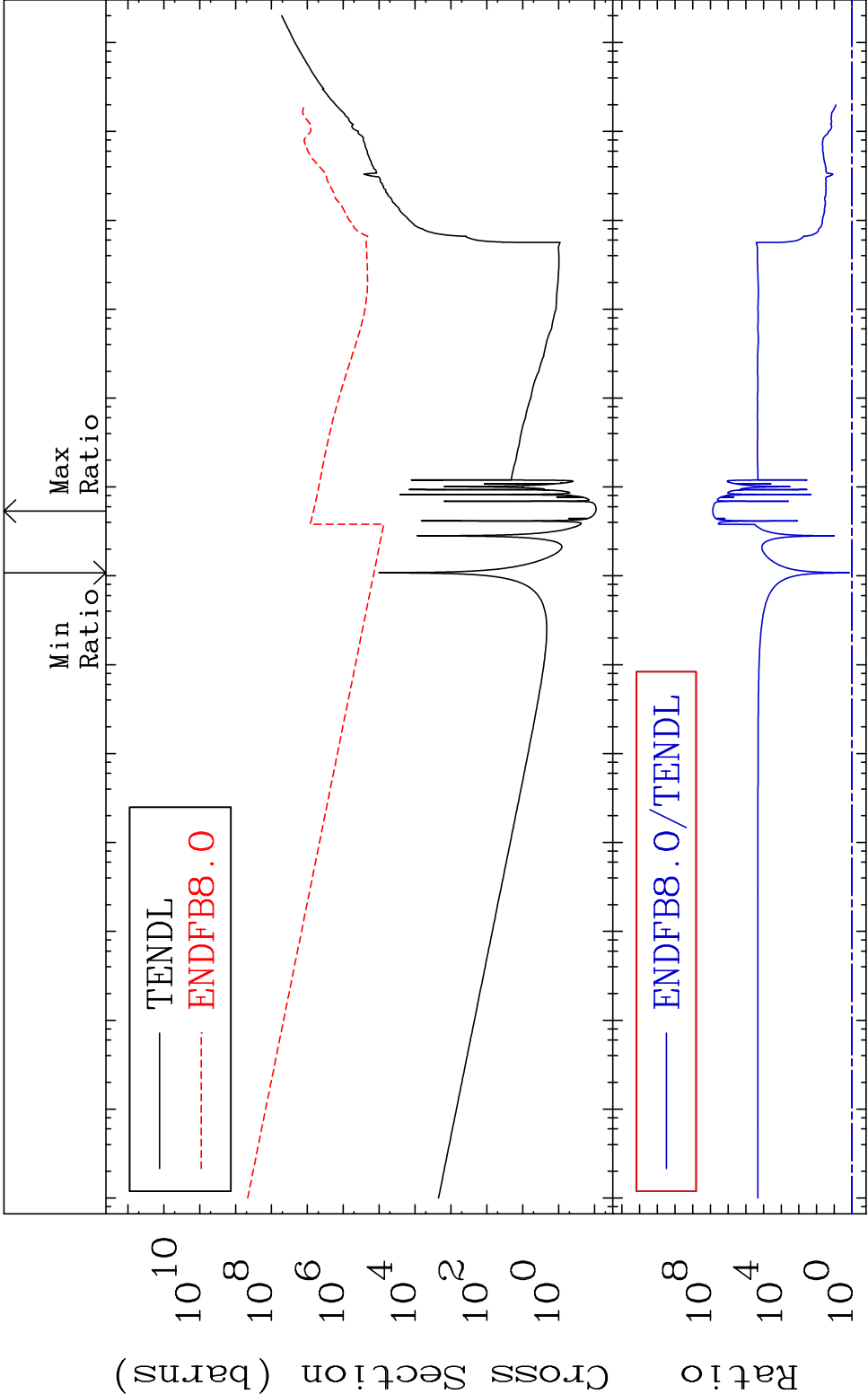


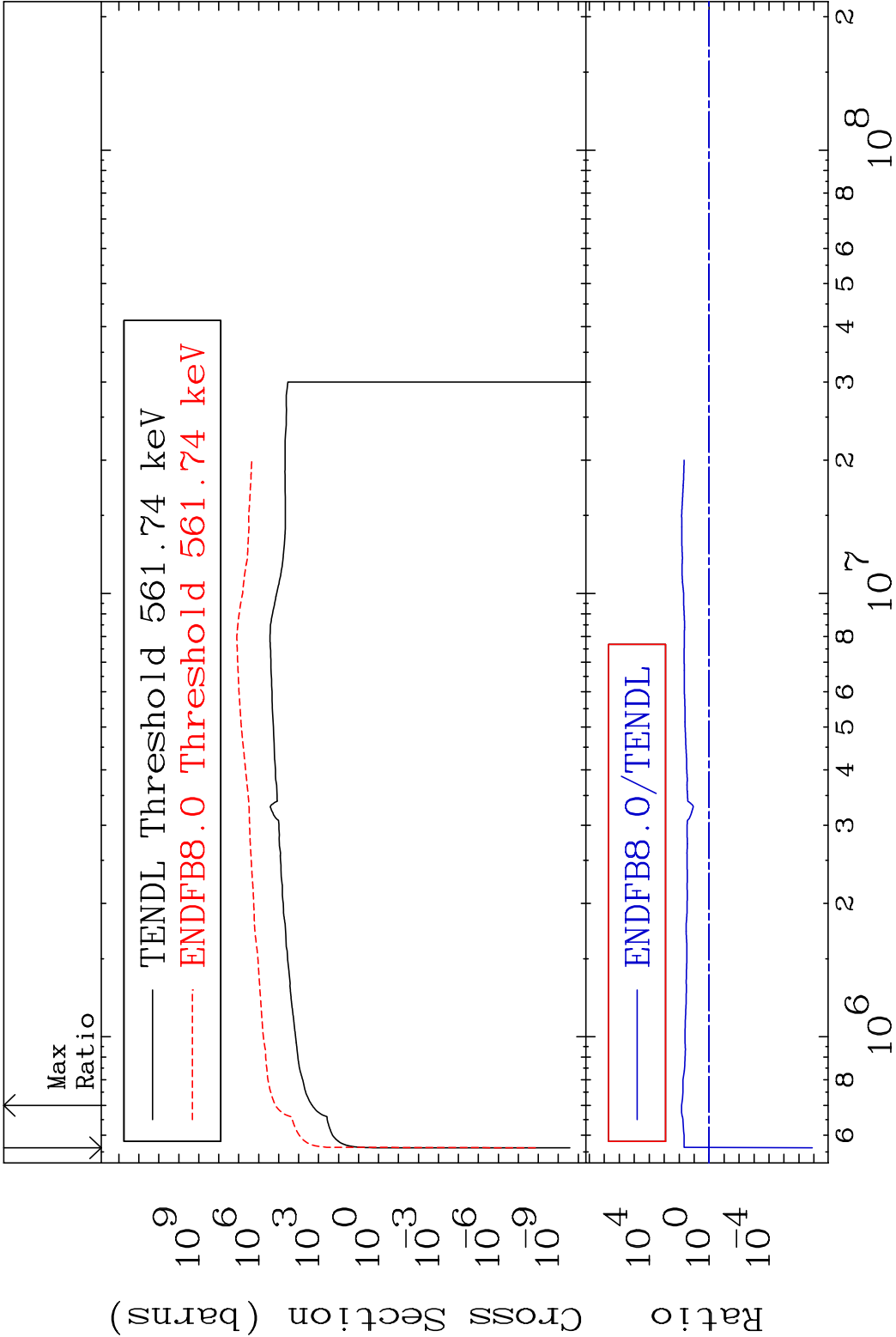
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

50

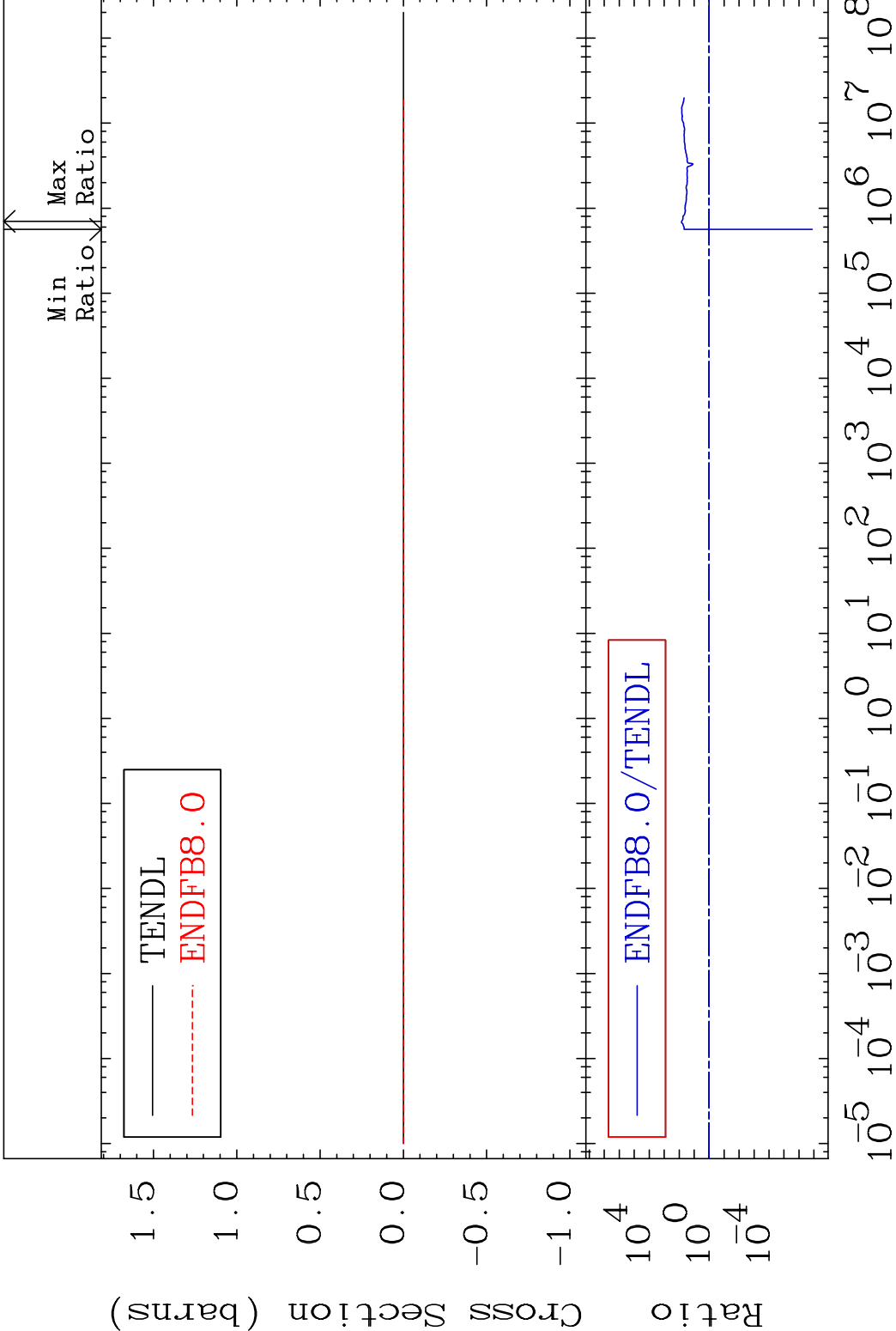
Incident Energy (eV)

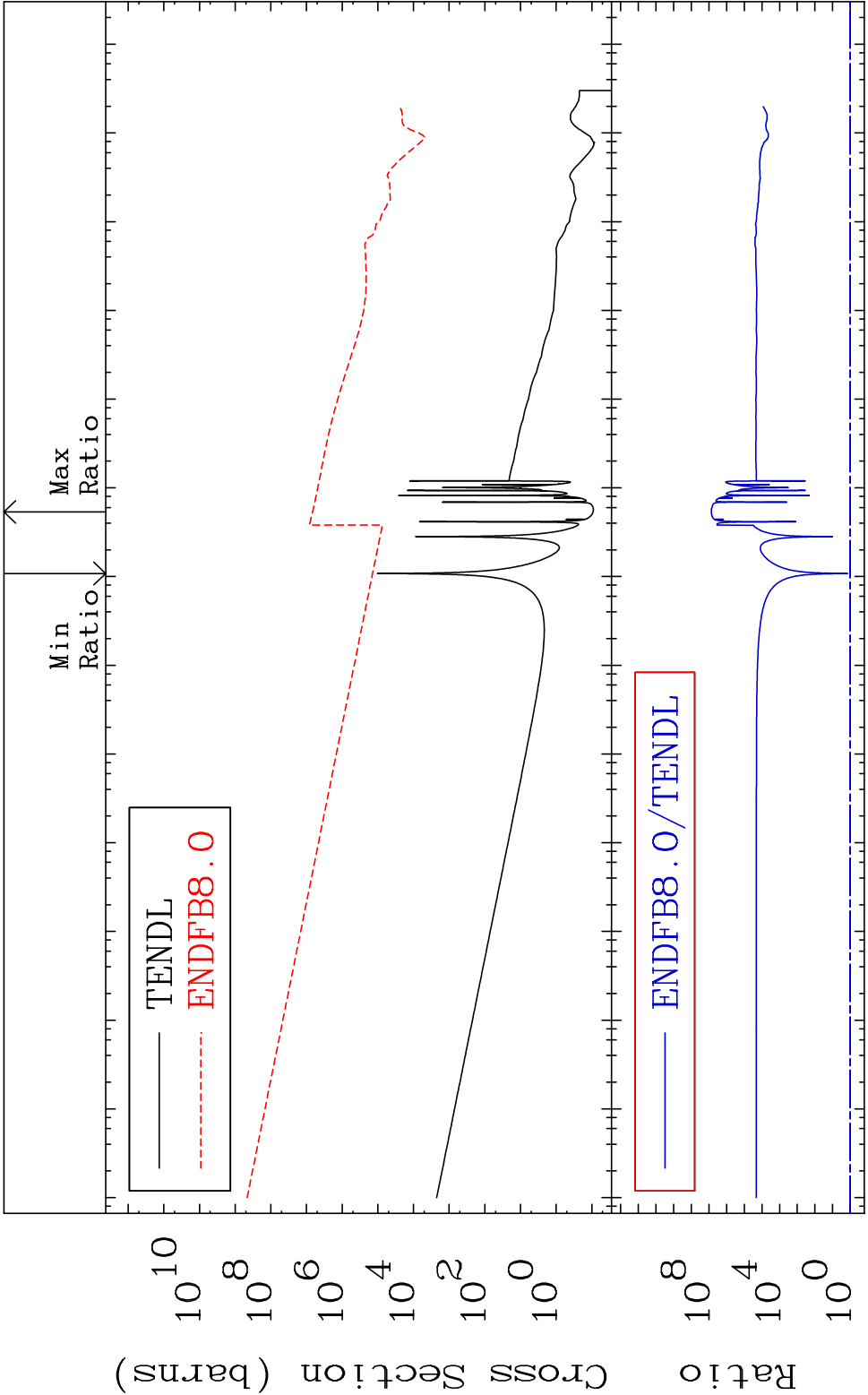
39-Y -91

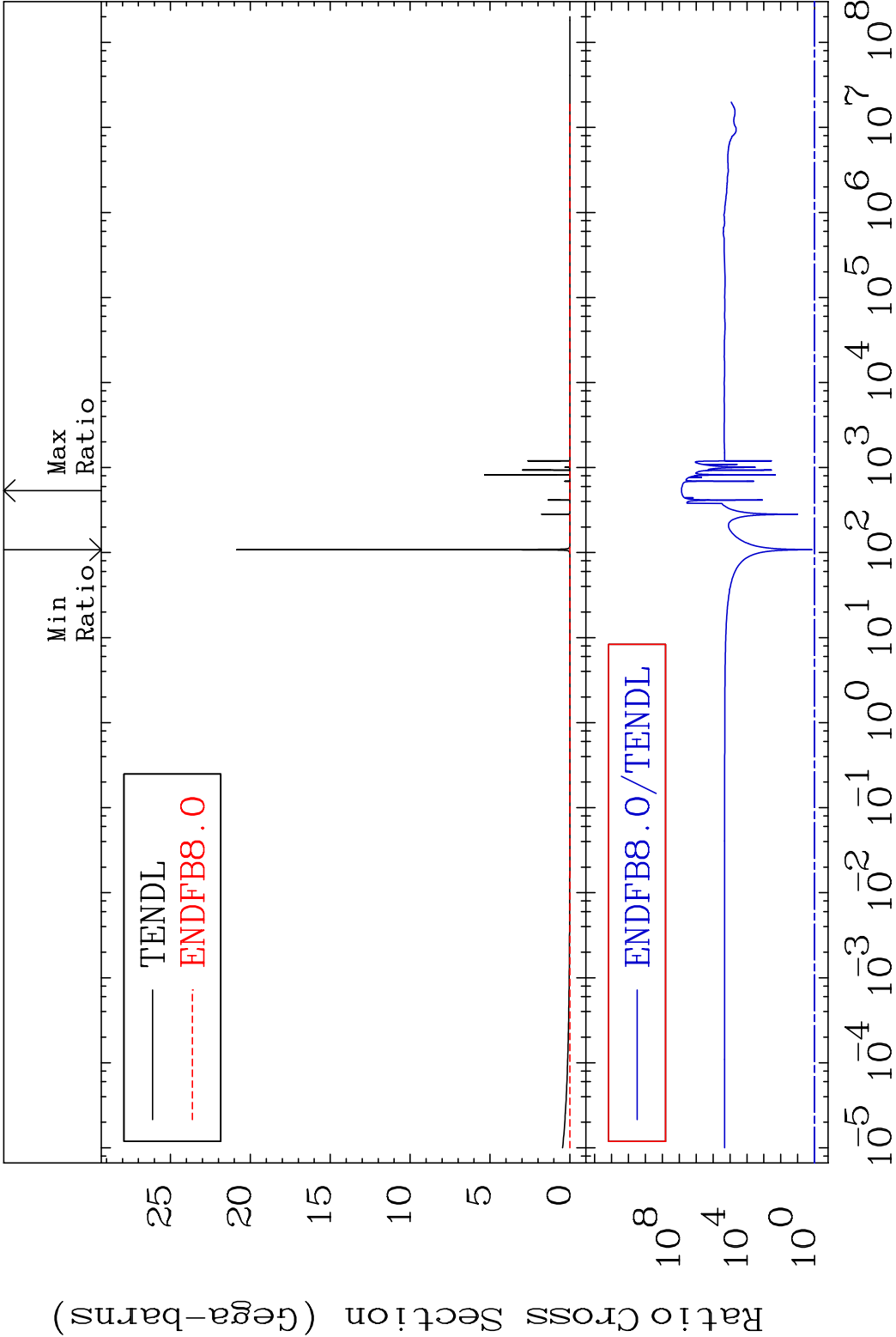




MAT 3931 Kerma fission (mt18 or mt19-20-21-38) 39-Y -91
Cross Section -100.0 To 6855. %

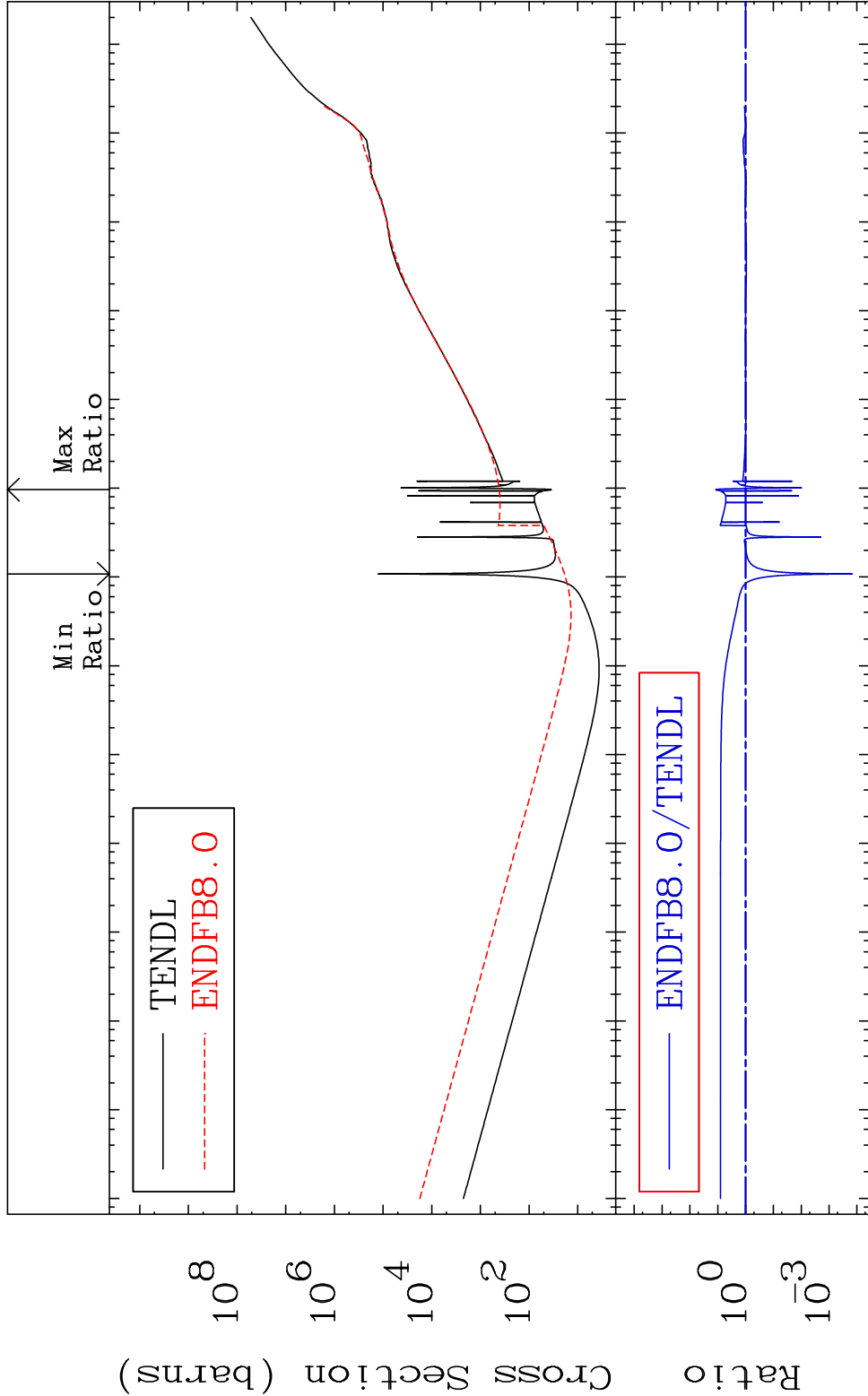






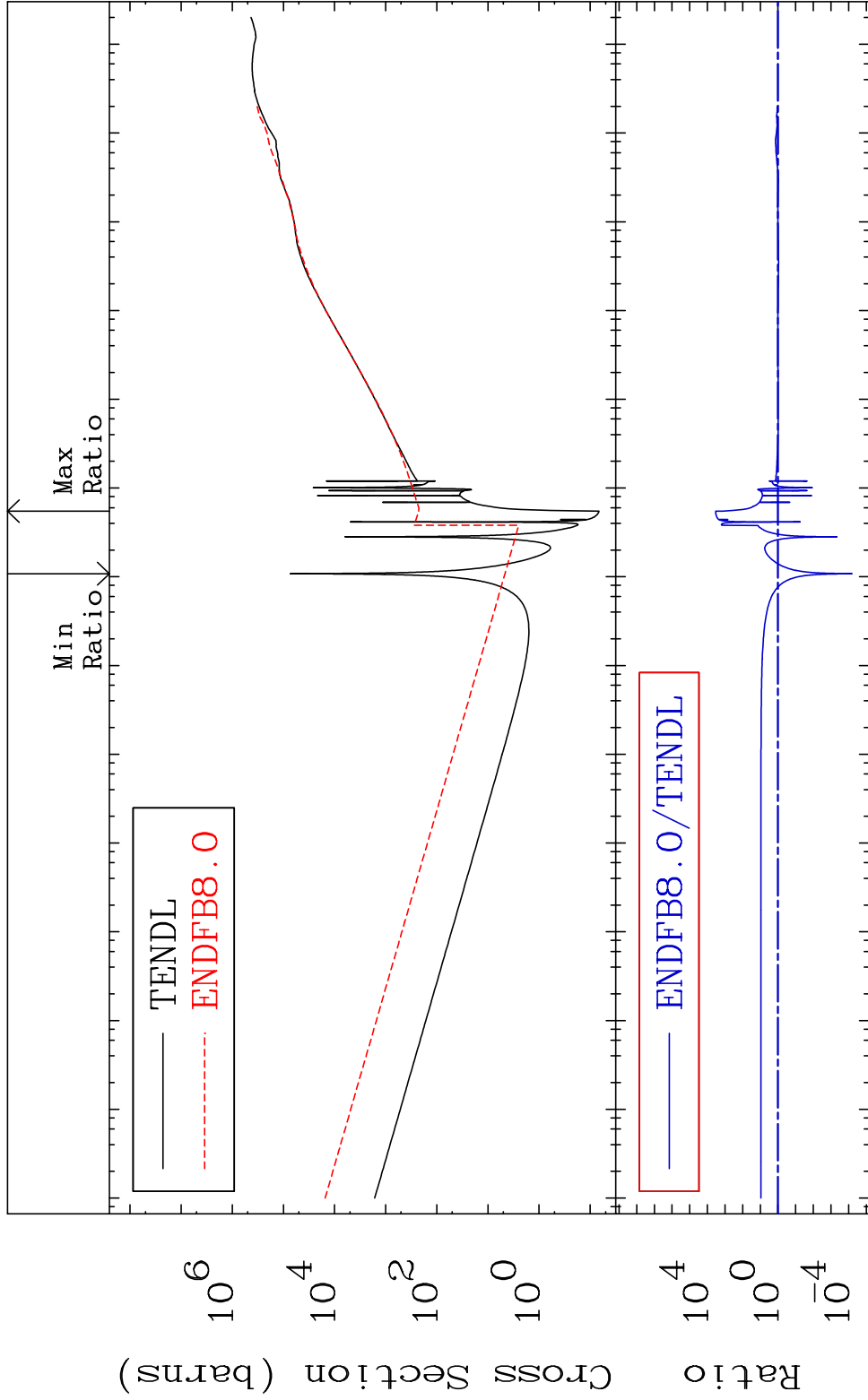
MAT 3931 Total kinematic kerma (high limit) 39-Y -91

Cross Section -99.99 To 1087. %



56 Incident Energy (eV) 39-Y -91

MAT 3931 Dpa total (eV-barns) 39-Y -91
Cross Section -99.99 To 9999. %



10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
57 Incident Energy (eV) 39-Y -91

