

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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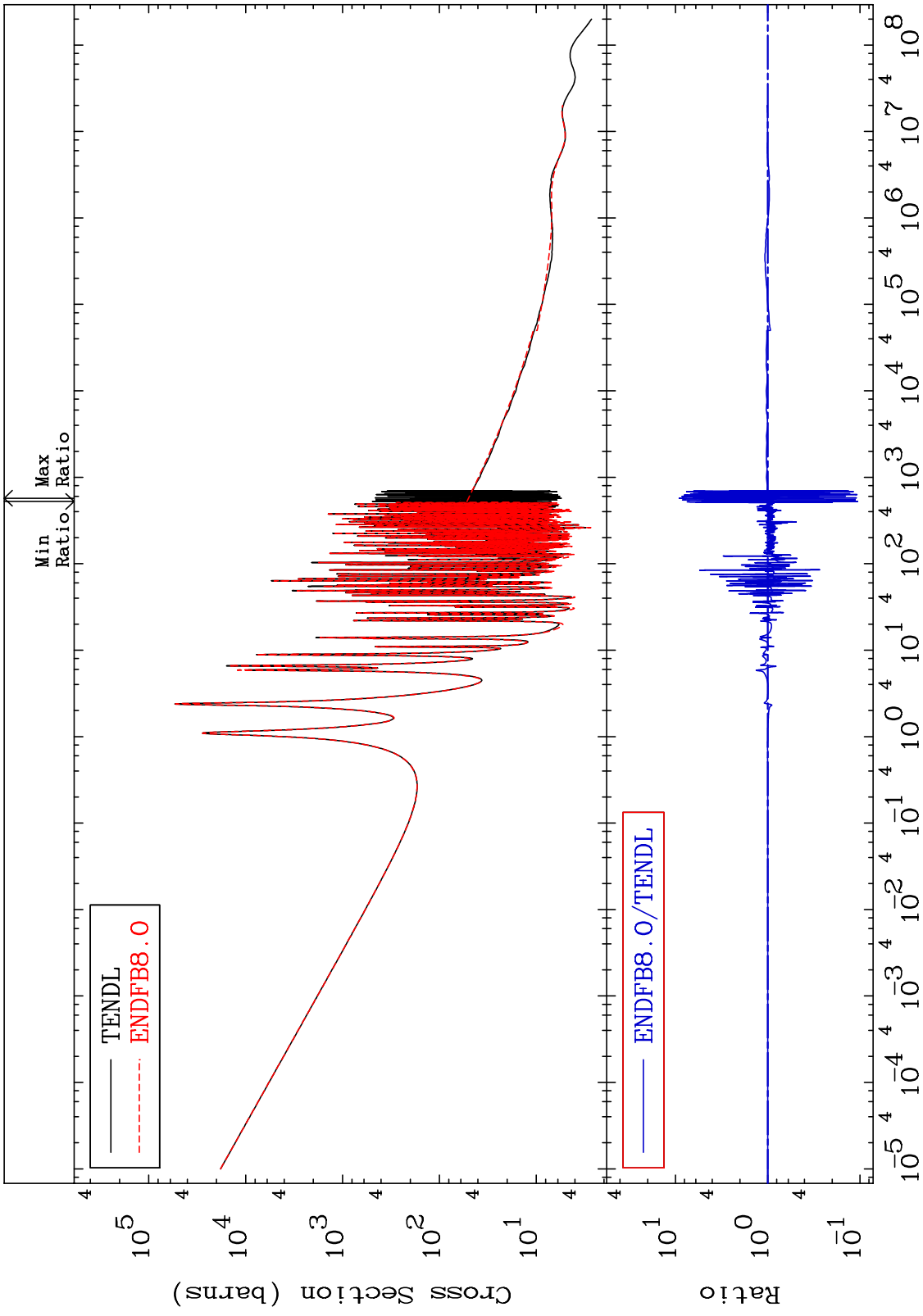
U.S.A.

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Press Mouse Button to Start

MAT 7234 72-Hf-177
Total Cross Section -89.45 To 813.5 %



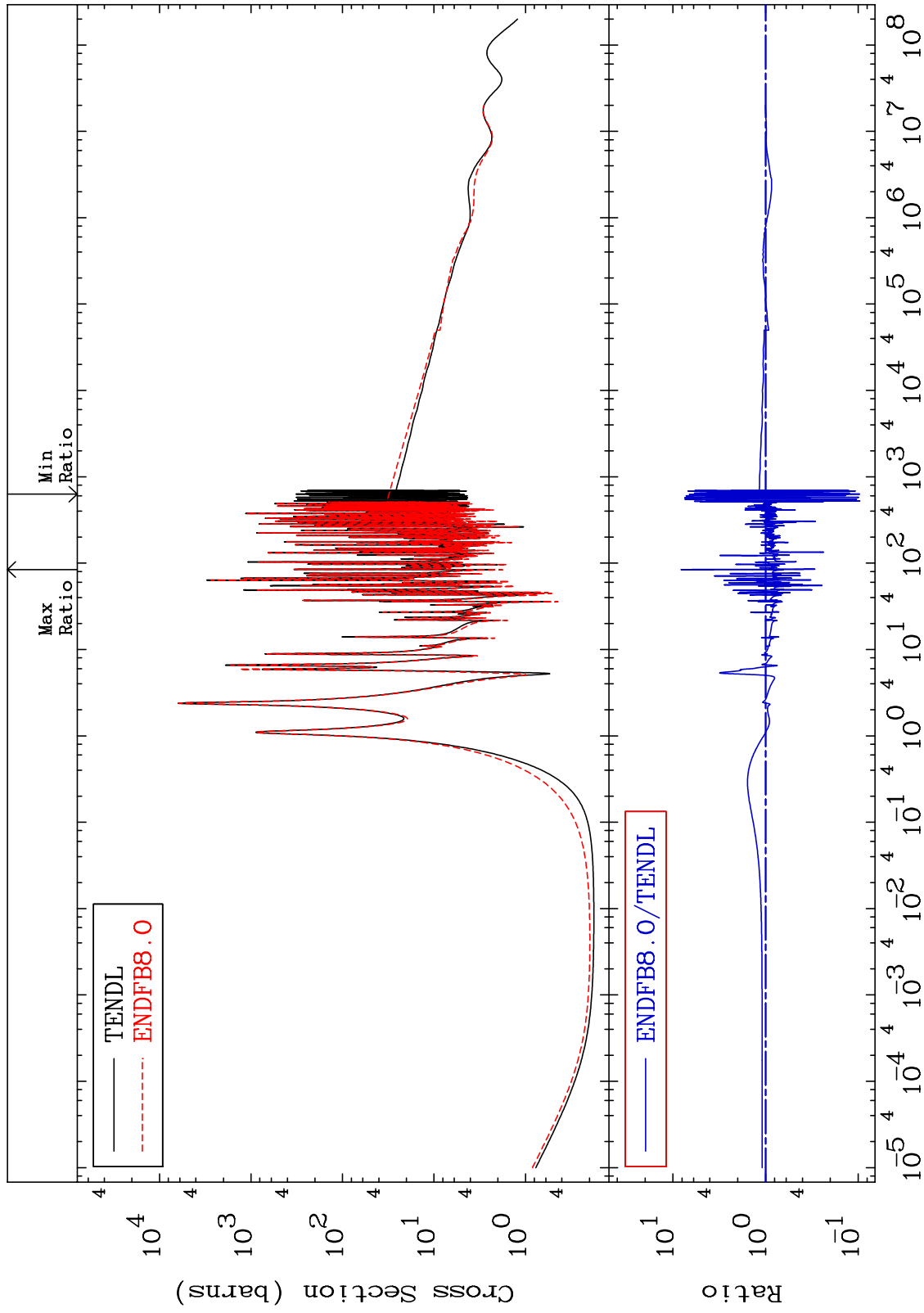
1 Incident Energy (eV) 72-Hf-177

MAT 7234

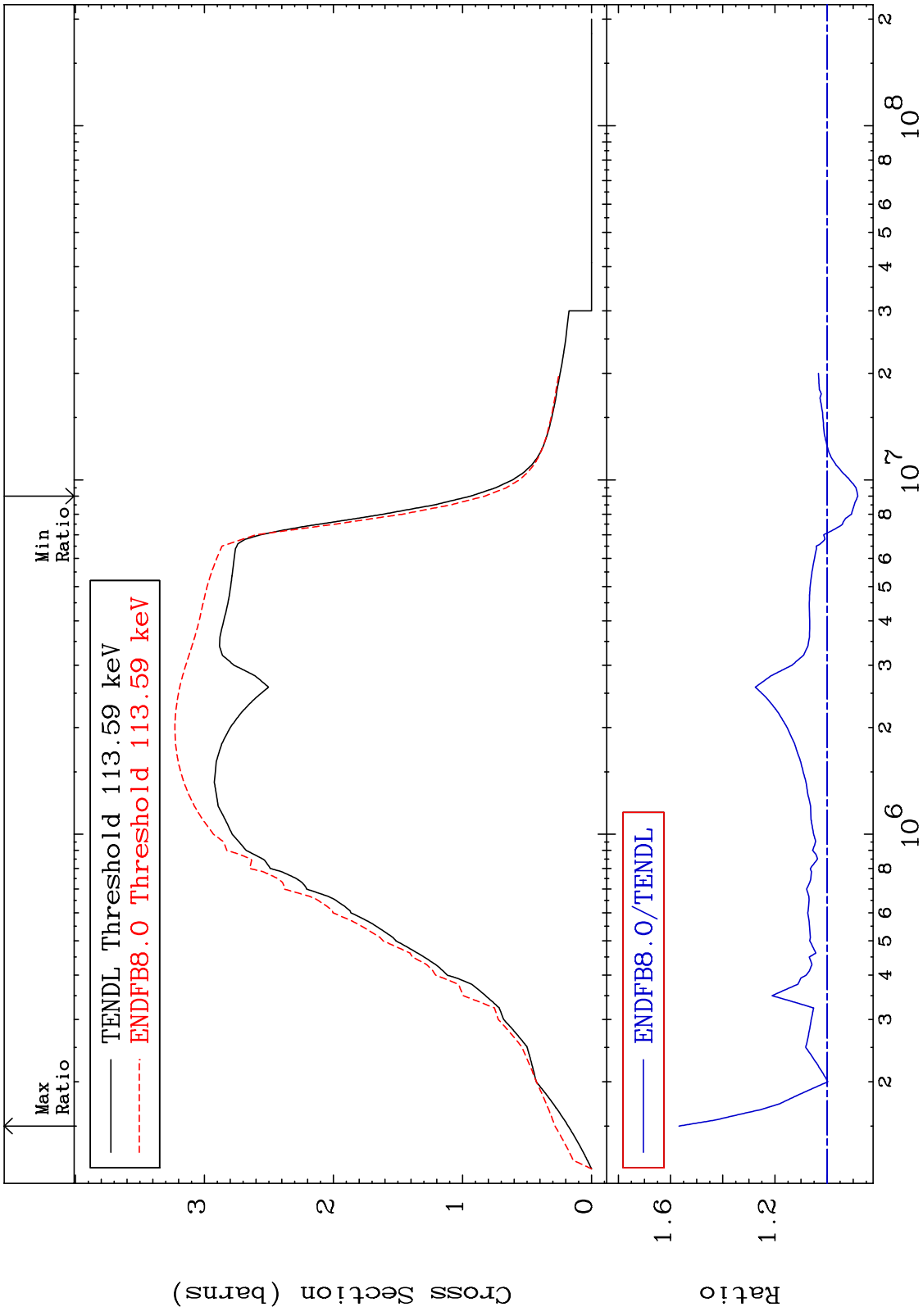
Elastic
Cross Section

72-Hf-177

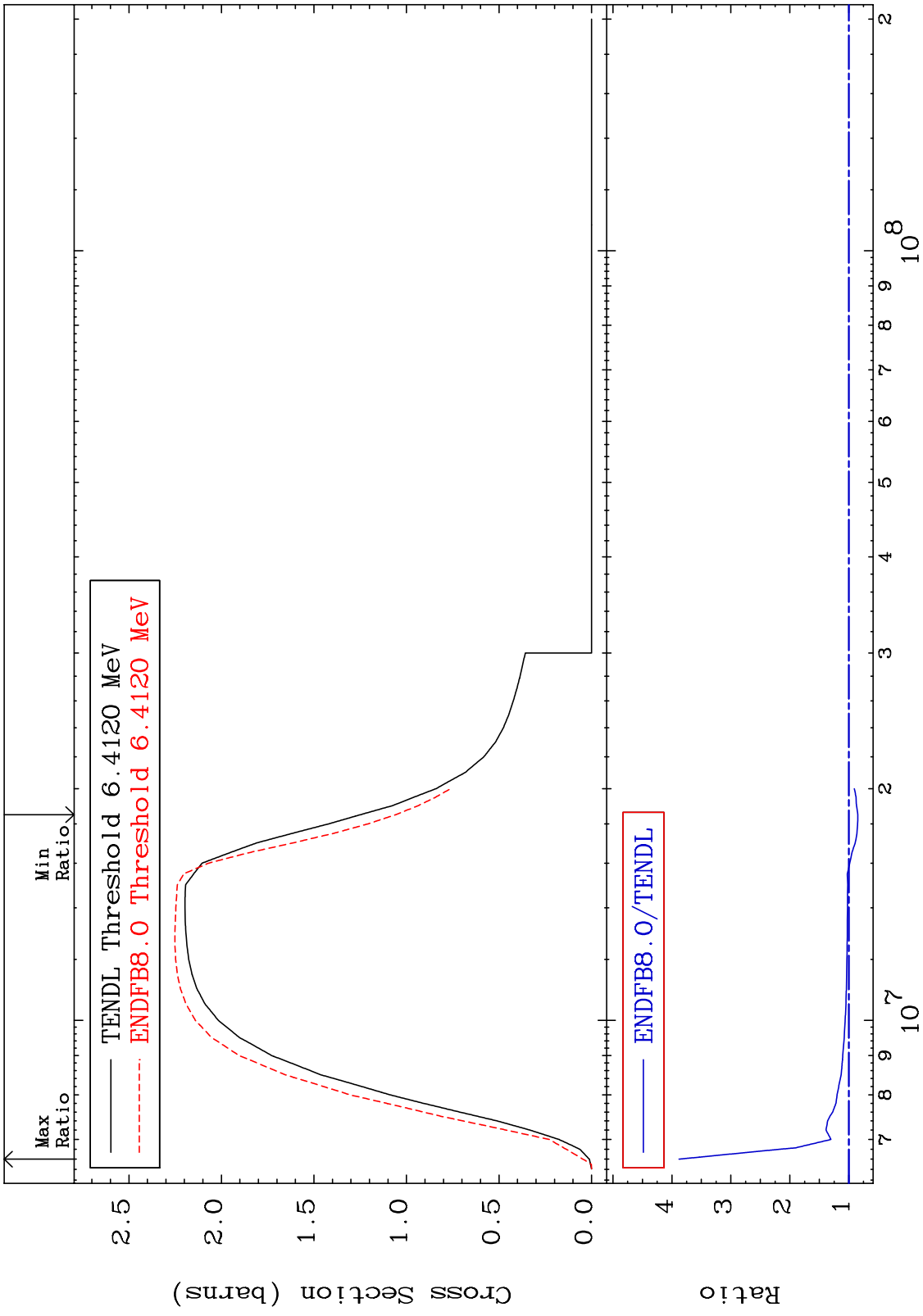
-90.38 To 714.2 %



MAT 7234 Inelastic Cross Section 72-Hf-177 -11.76 To 56.75 %

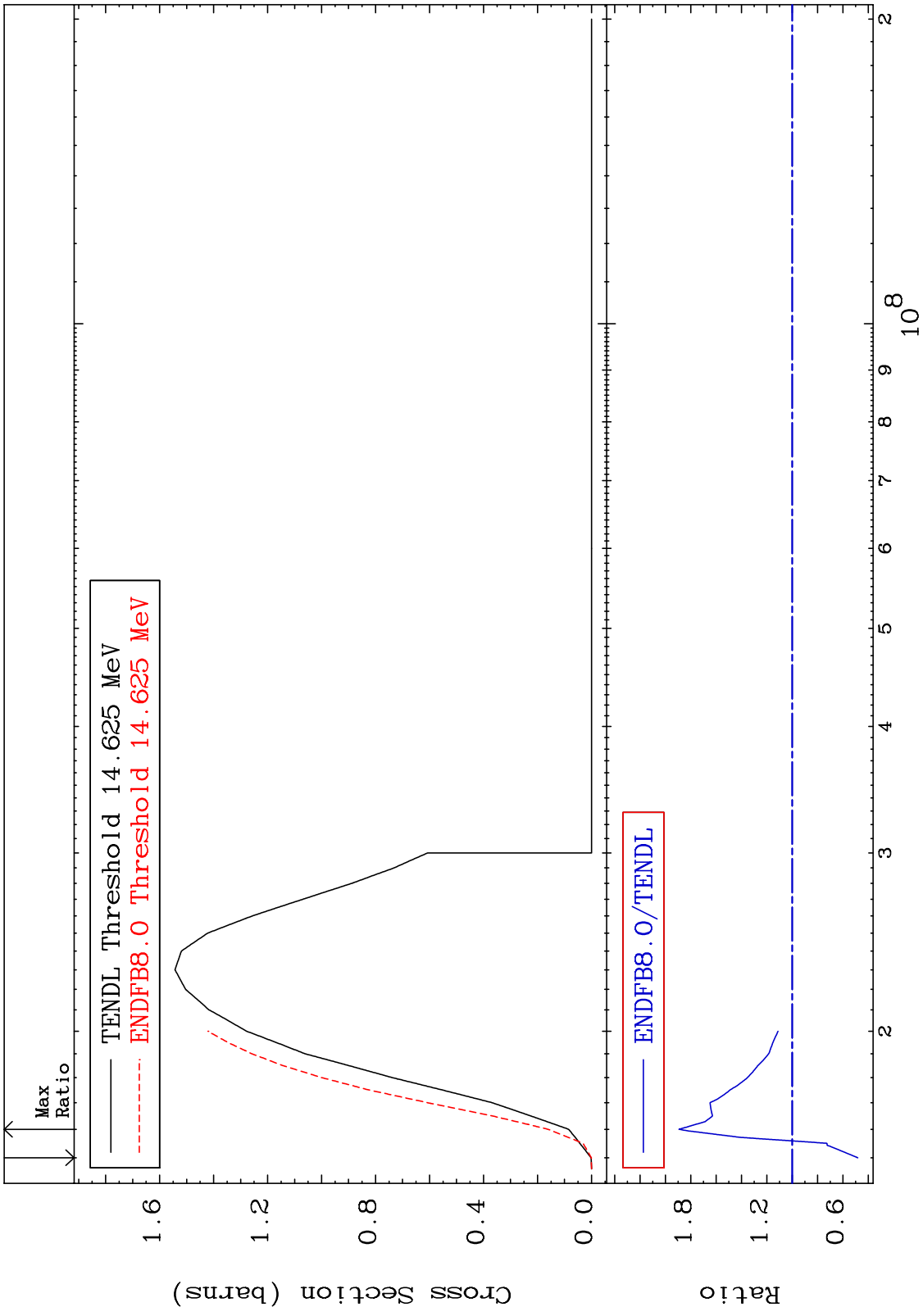


MAT 7234 (n,2n) Cross Section 72-Hf-177 -15.27 To 287.9 %



4 72-Hf-177 Incident Energy (eV)

MAT 7234 (n,3n) Cross Section 72-Hf-177 -51.71 To 89.28 %



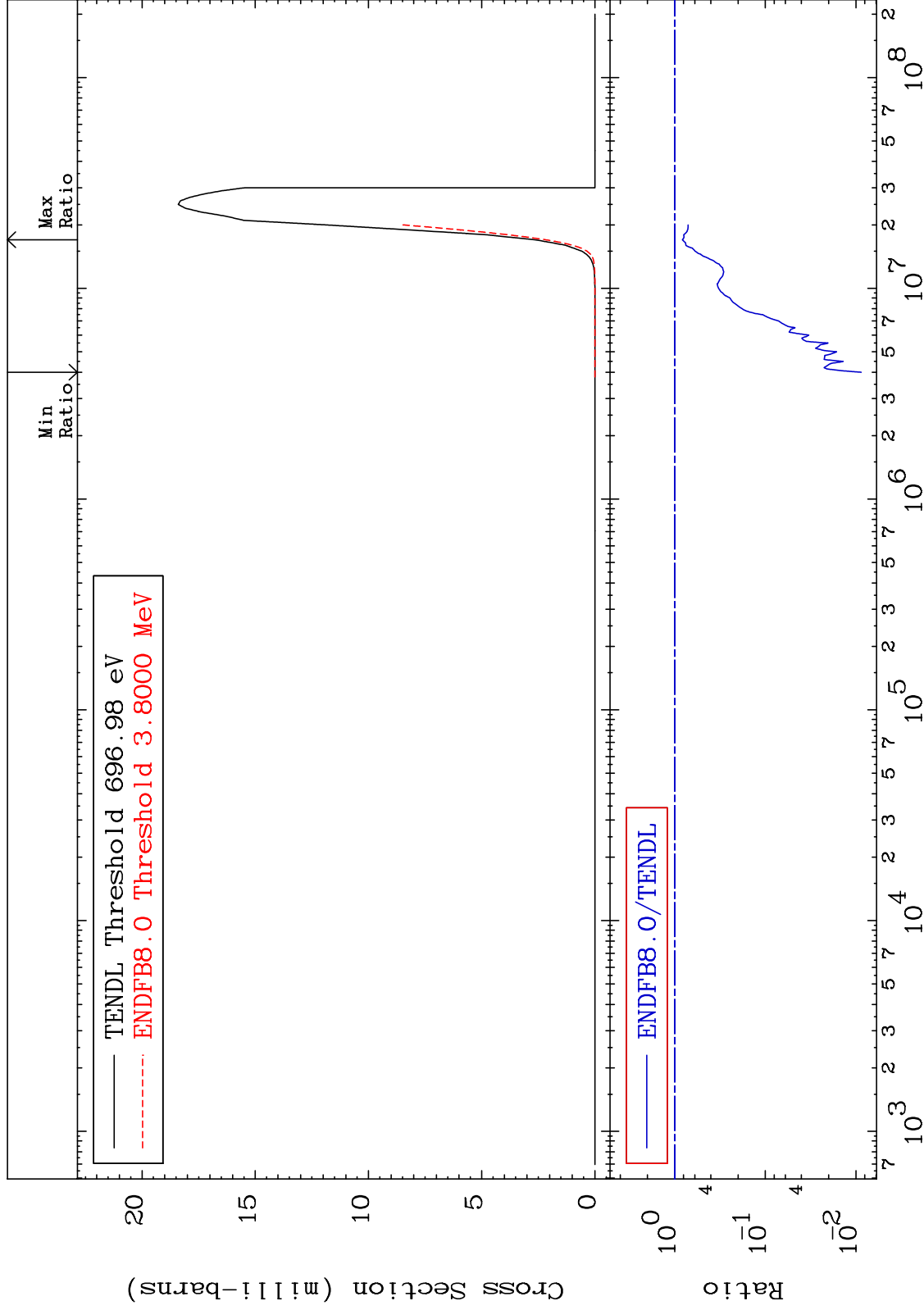
MAT 7234

(n, n') α

72-Hf-177

Cross Section

-99.13 To -17.74%

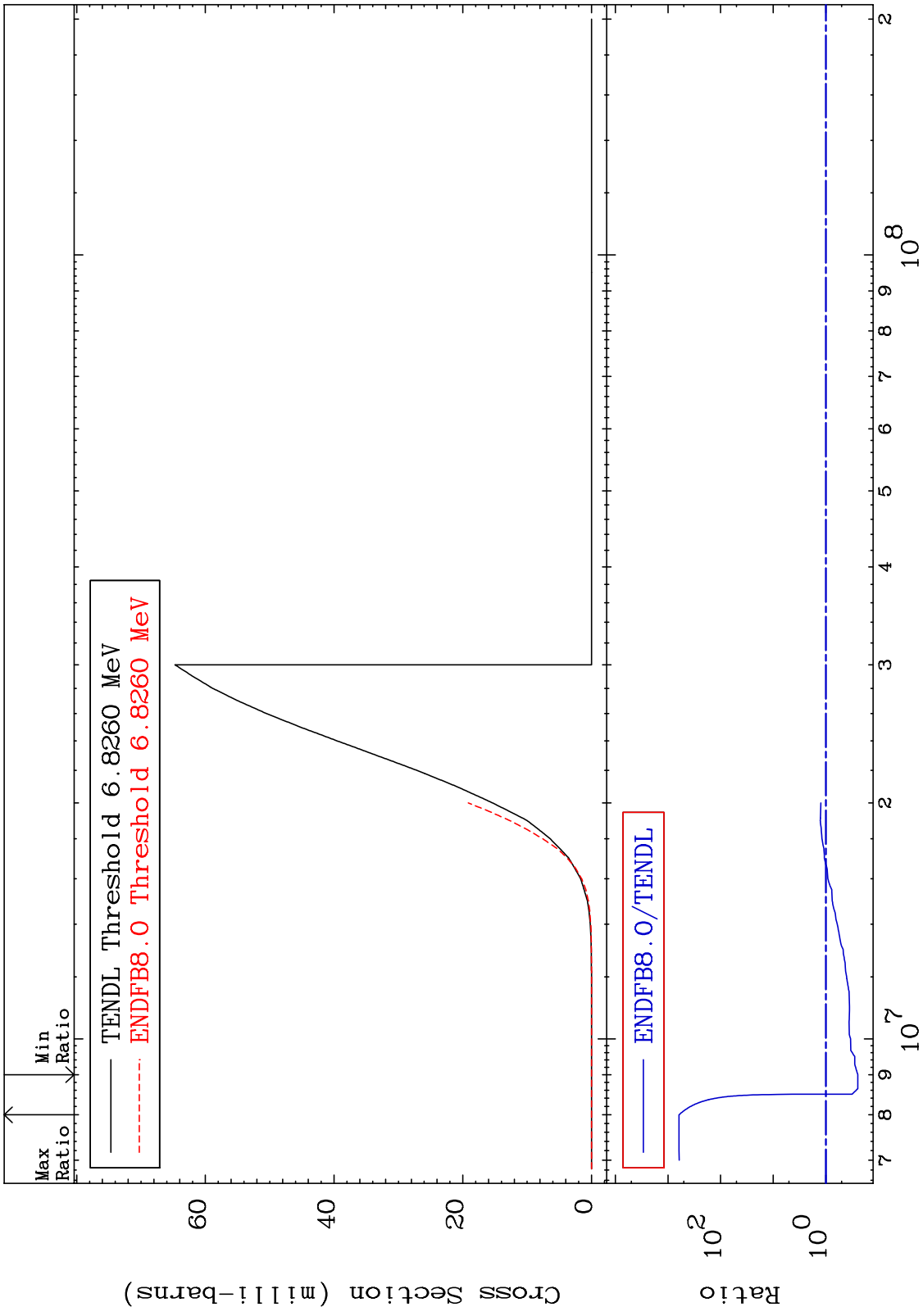


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Incident Energy (eV)

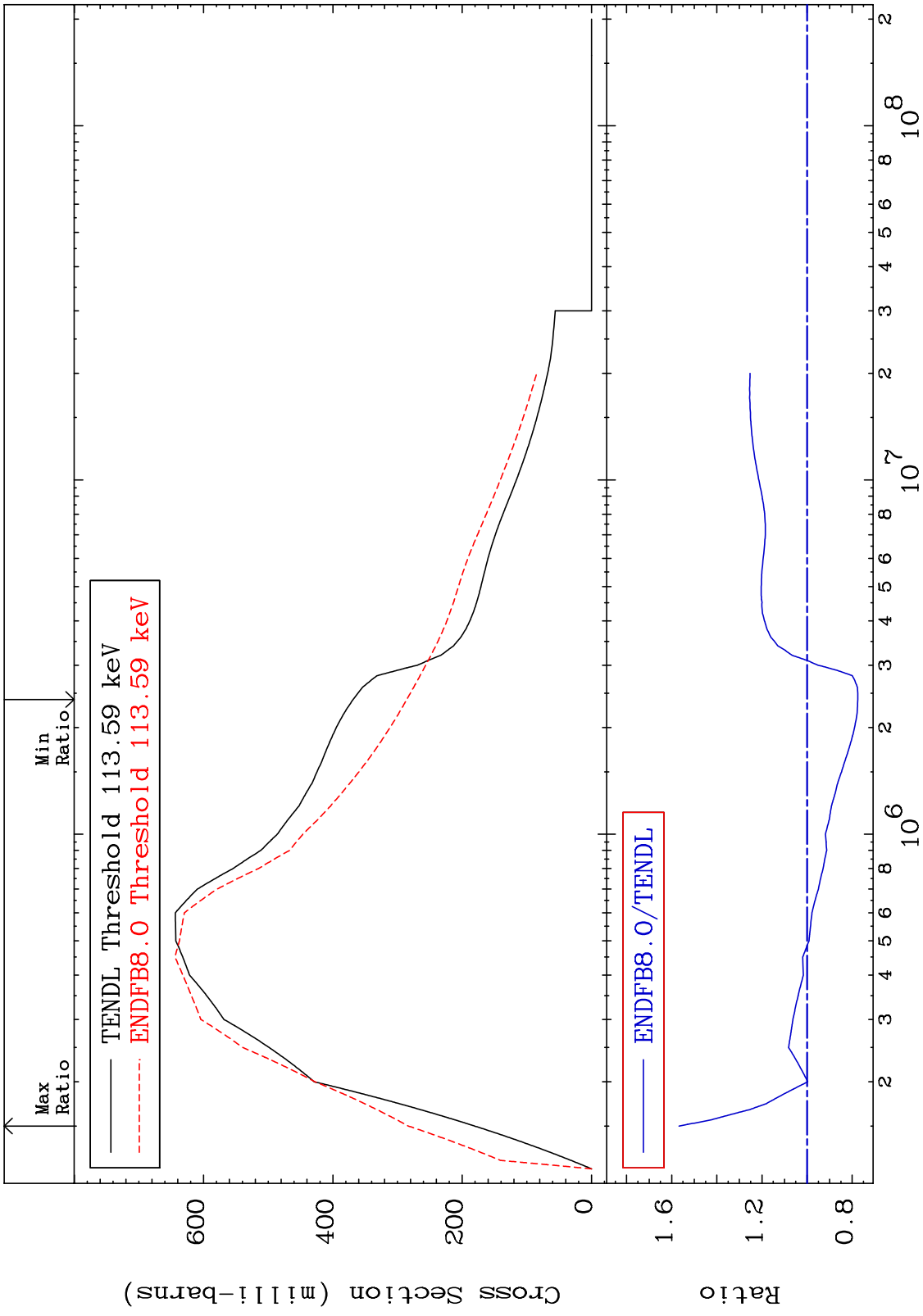
72-Hf-177

MAT 7234 (n,n') p 72-Hf-177
 Cross Section -75.43 To 9999. %



72-Hf-177

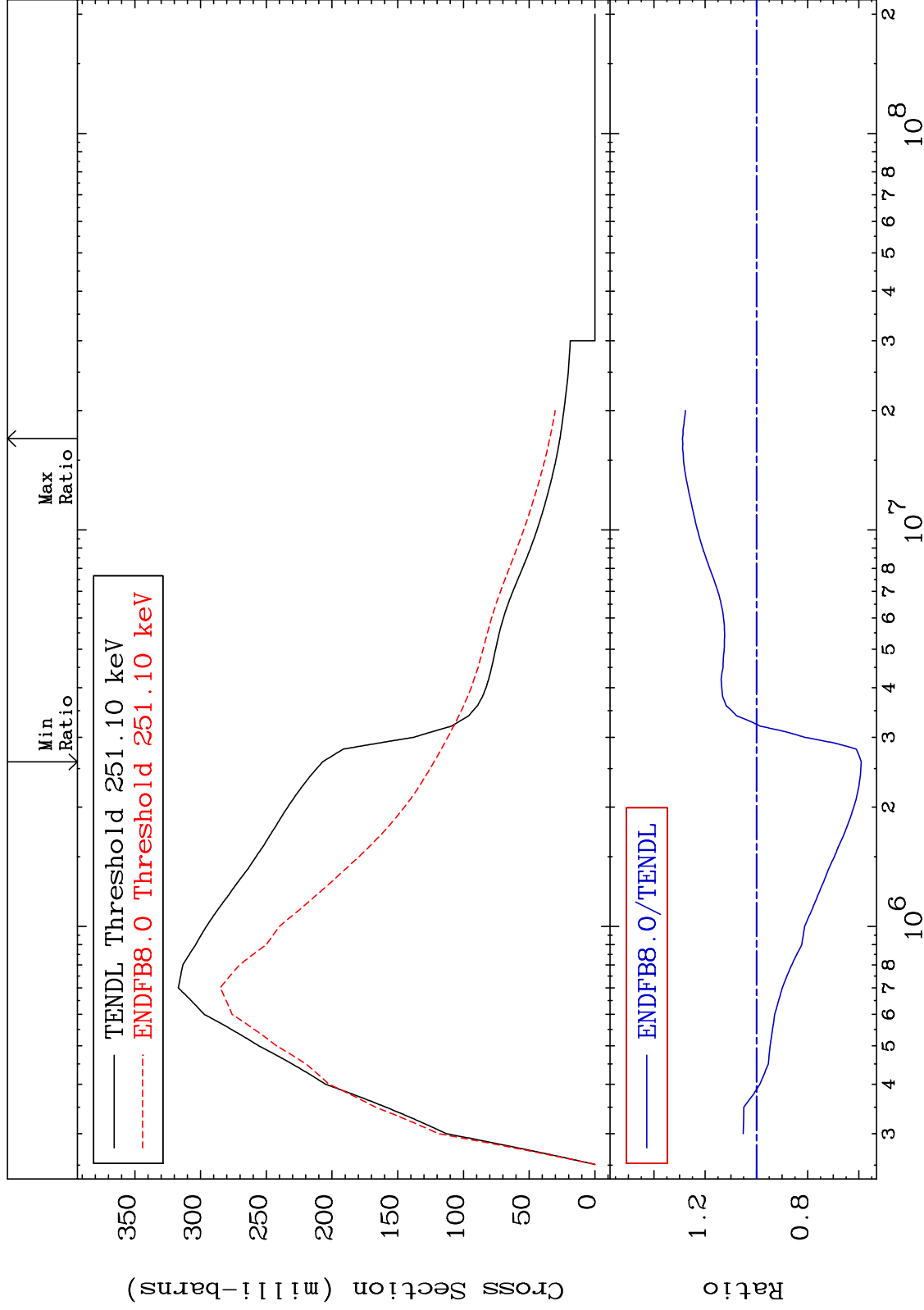
MAT 7234 MT= 51 (n,n') Level Cross Section 72-Hf-177 -22.51 To 56.75 %



MAT 7234

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

72-Hf-177
-40.92 To 28.89 %

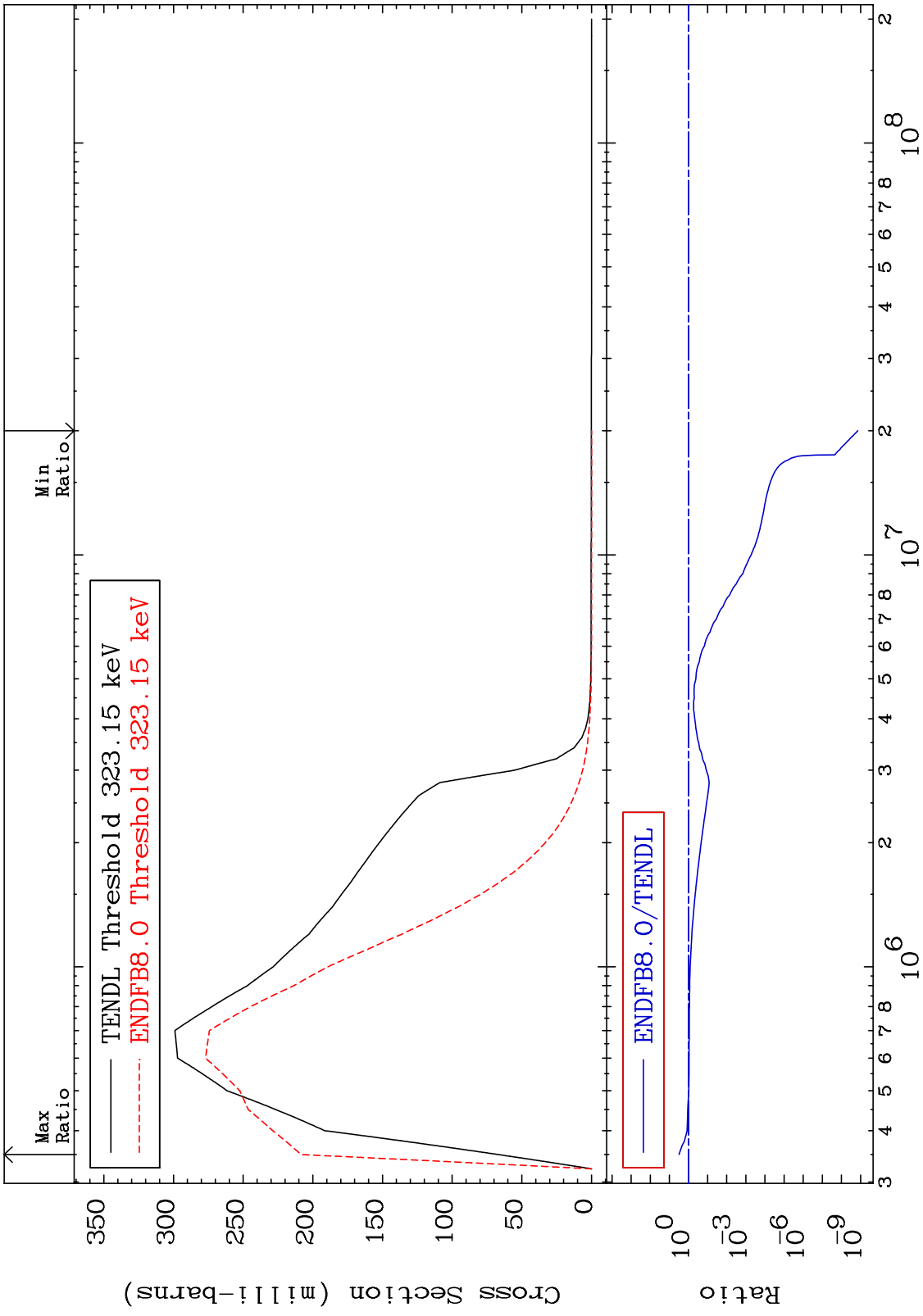


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Incident Energy (eV)

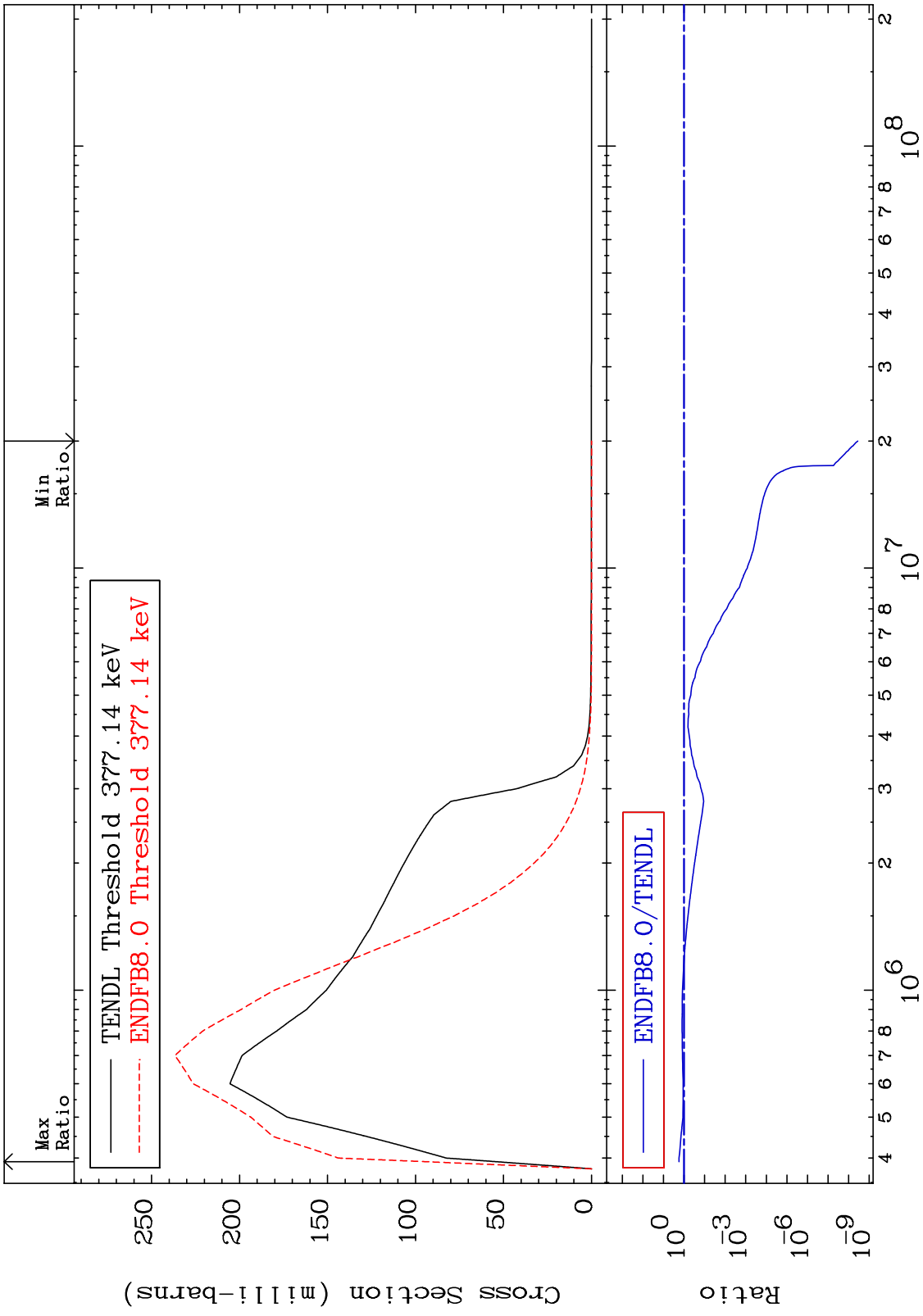
72-Hf-177

MAT 7234 MT= 53 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 211.6 %

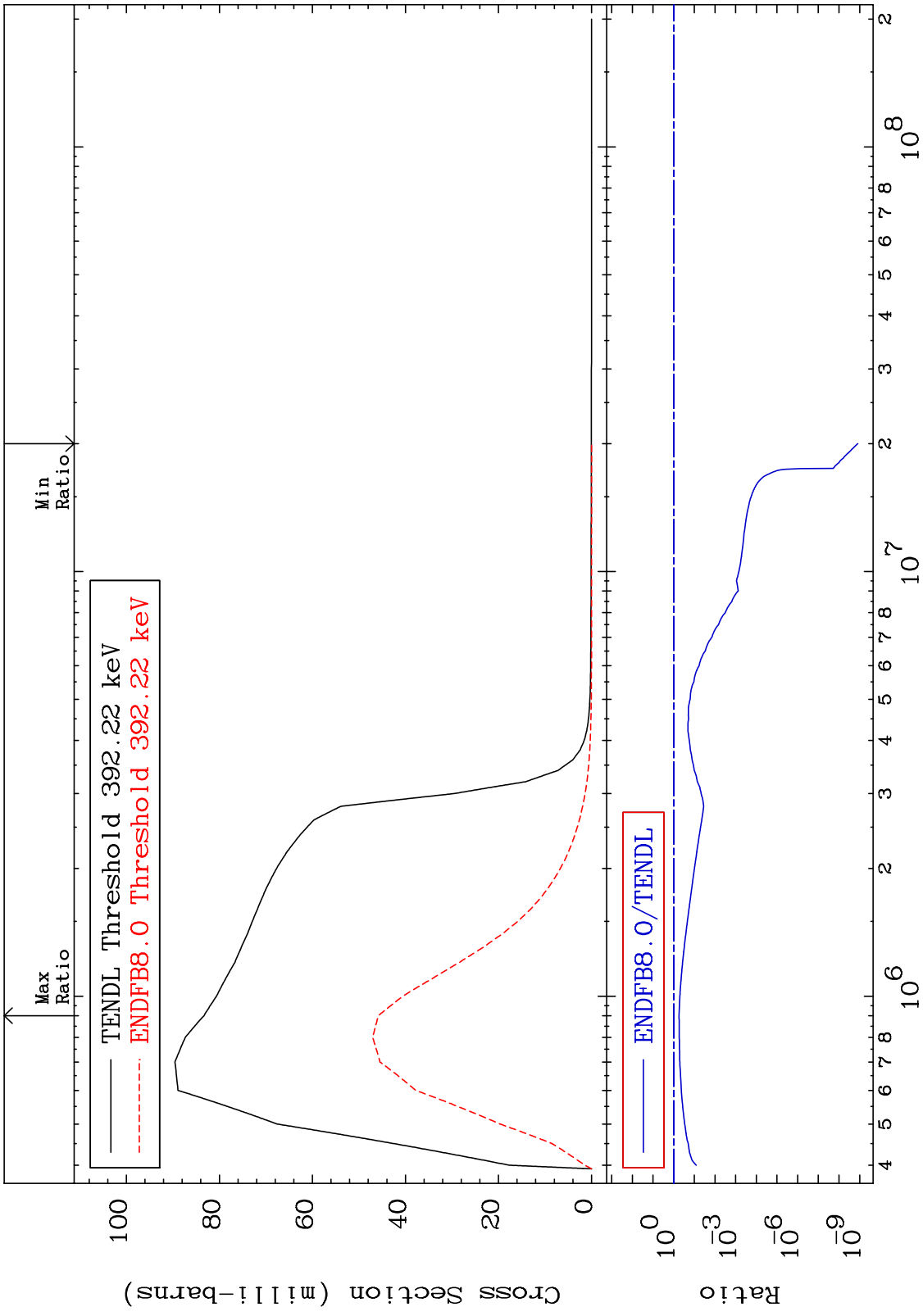


10 Incident Energy (eV) 72-Hf-177

MAT 7234 MT= 54 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 74.14 %



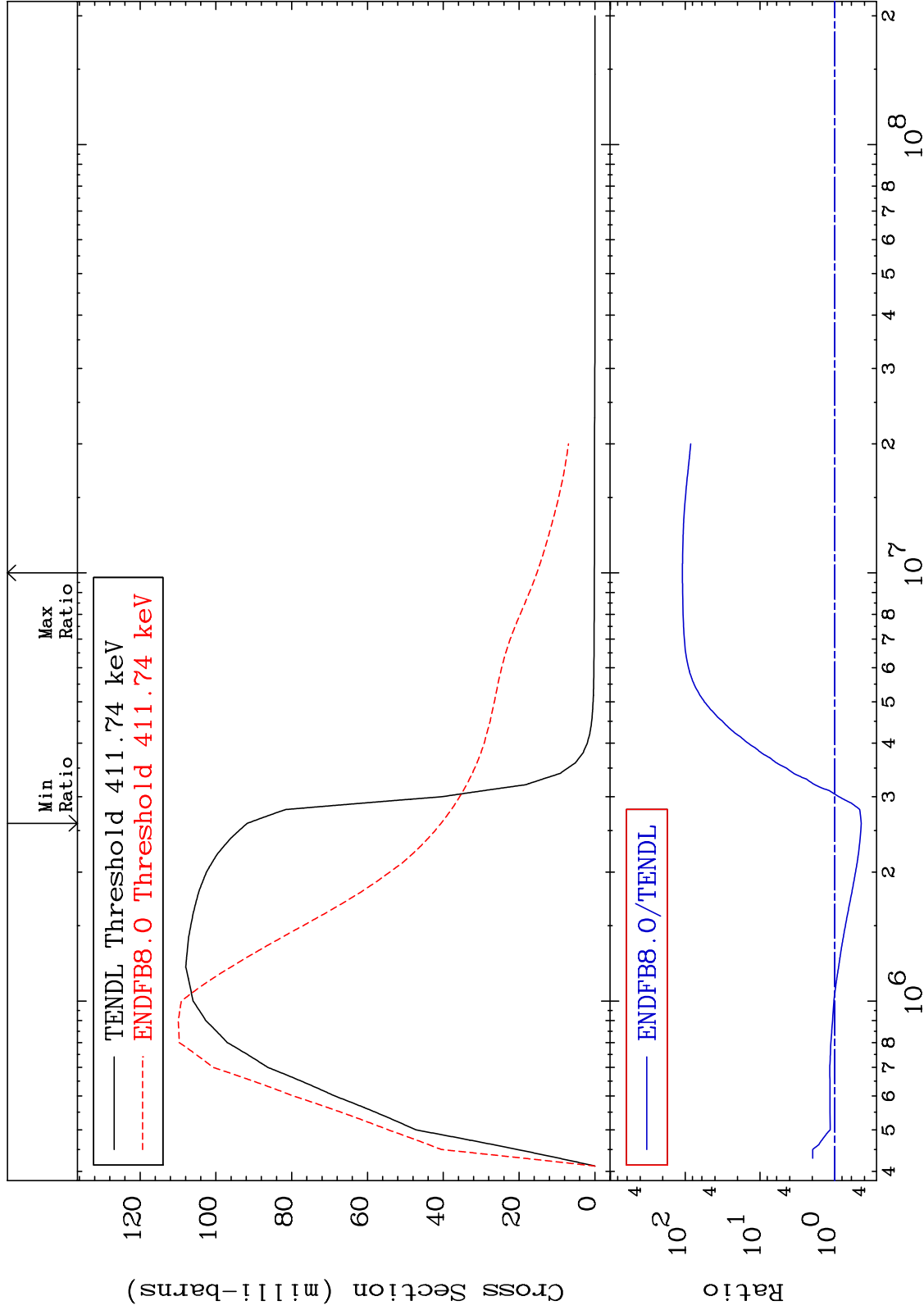
MAT 7234 MT= 55 (n,n') Level Cross Section 72-Hf-177 -100.0 To -45.01%



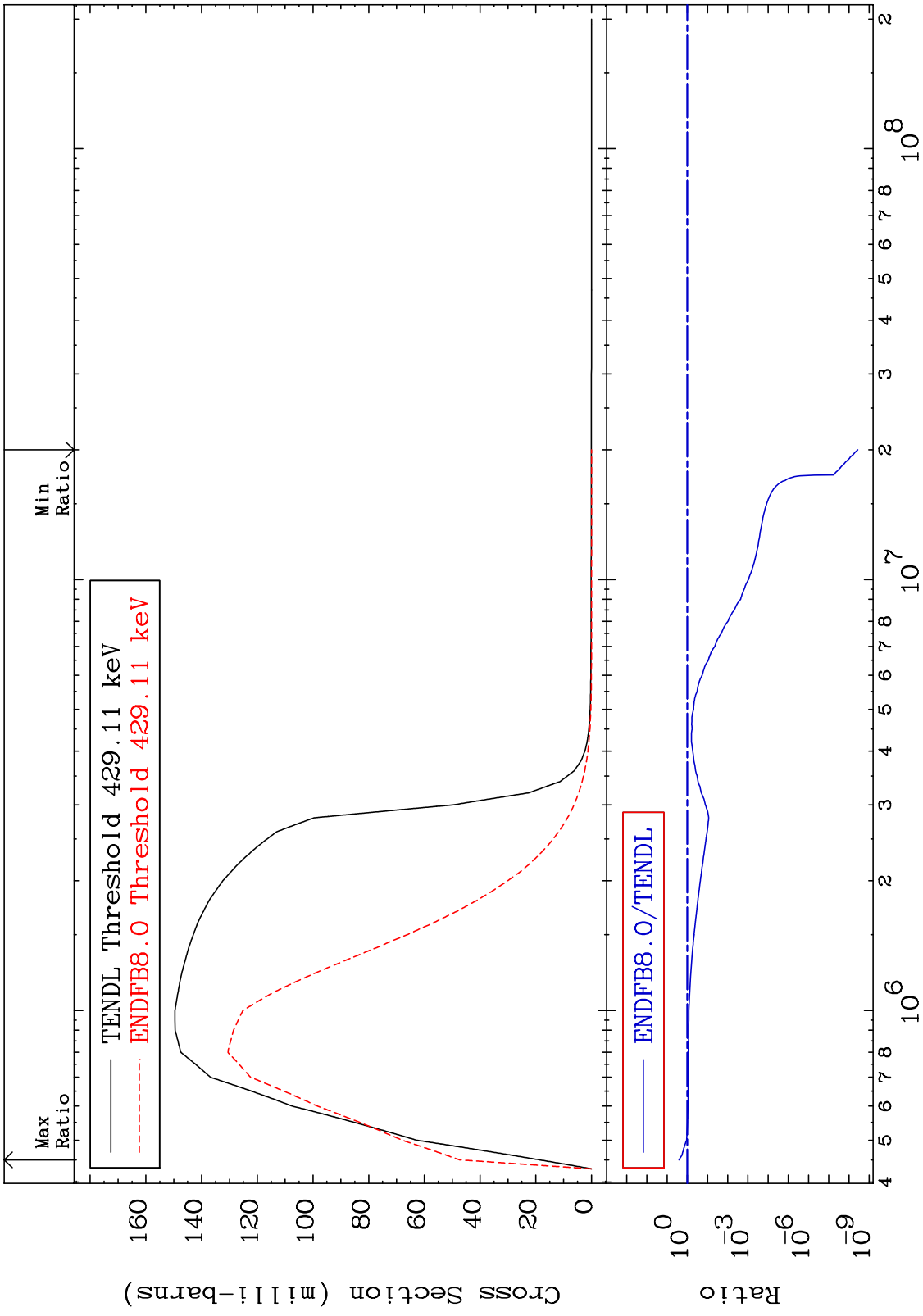
MAT 7234

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

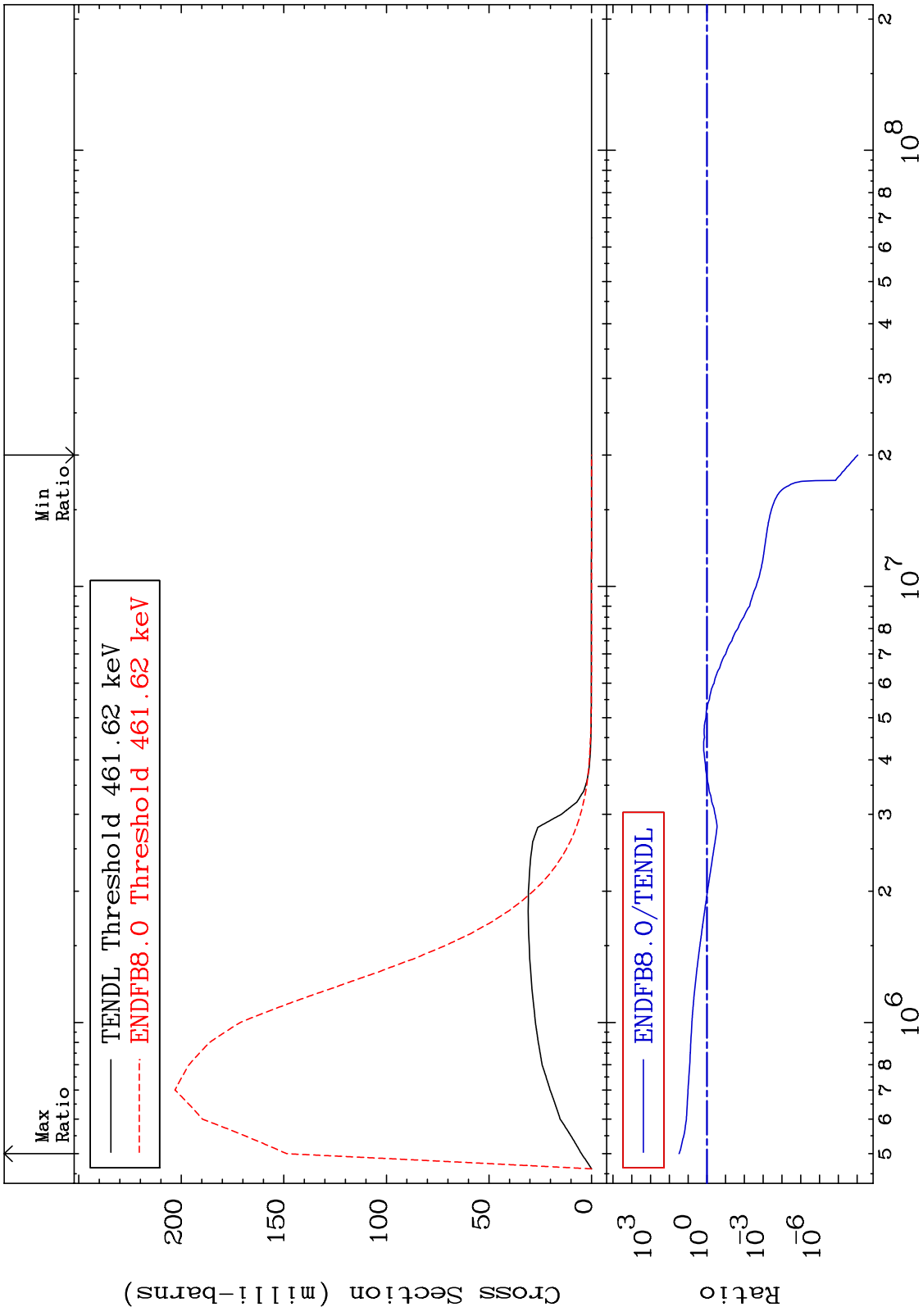
72-Hf-177
-55.76 To 9999. %



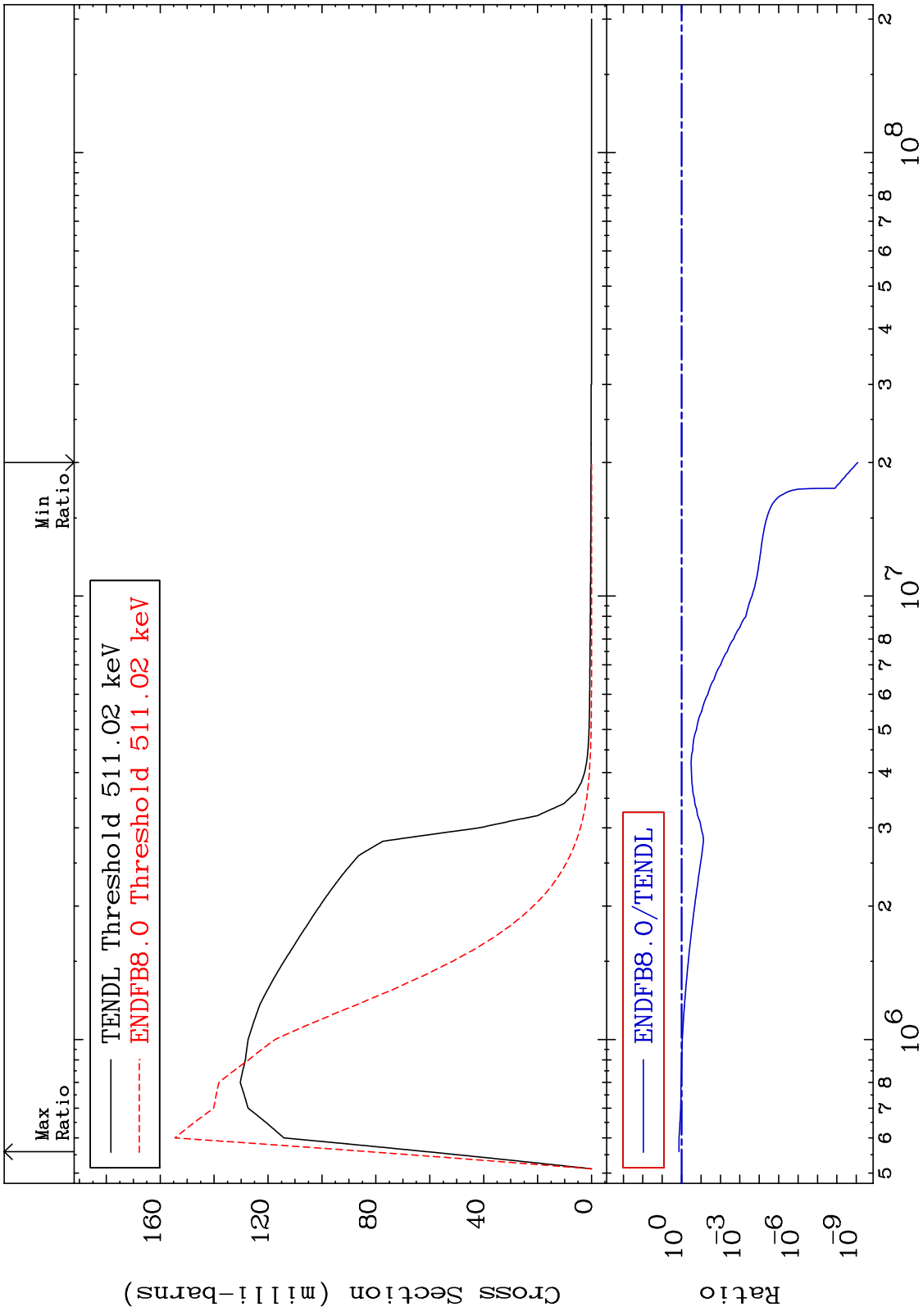
MAT 7234 MT= 57 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 155.9 %



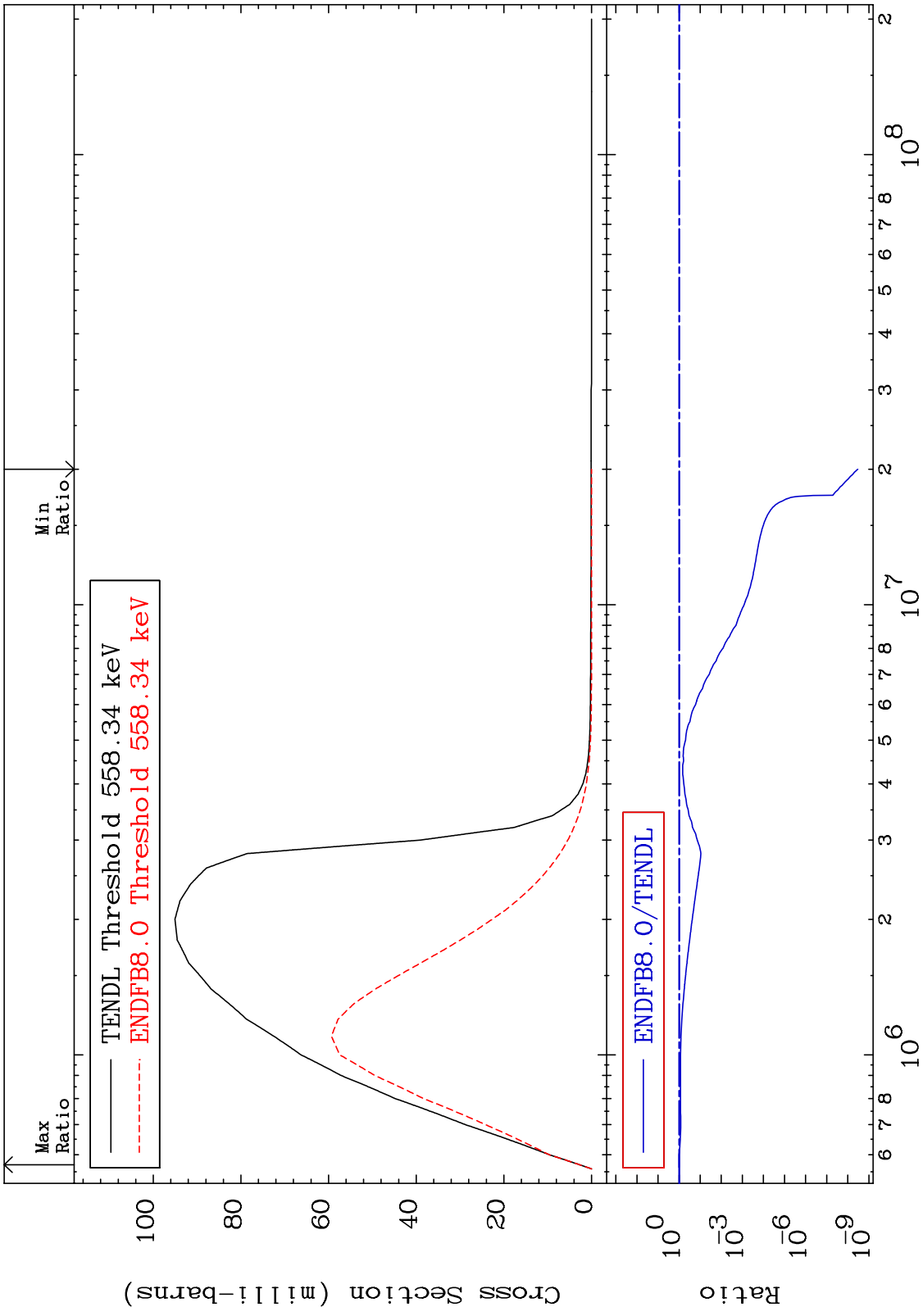
MAT 7234 MT= 58 (n,n') Level Cross Section 72-Hf-177 -100.0 To 2927. %



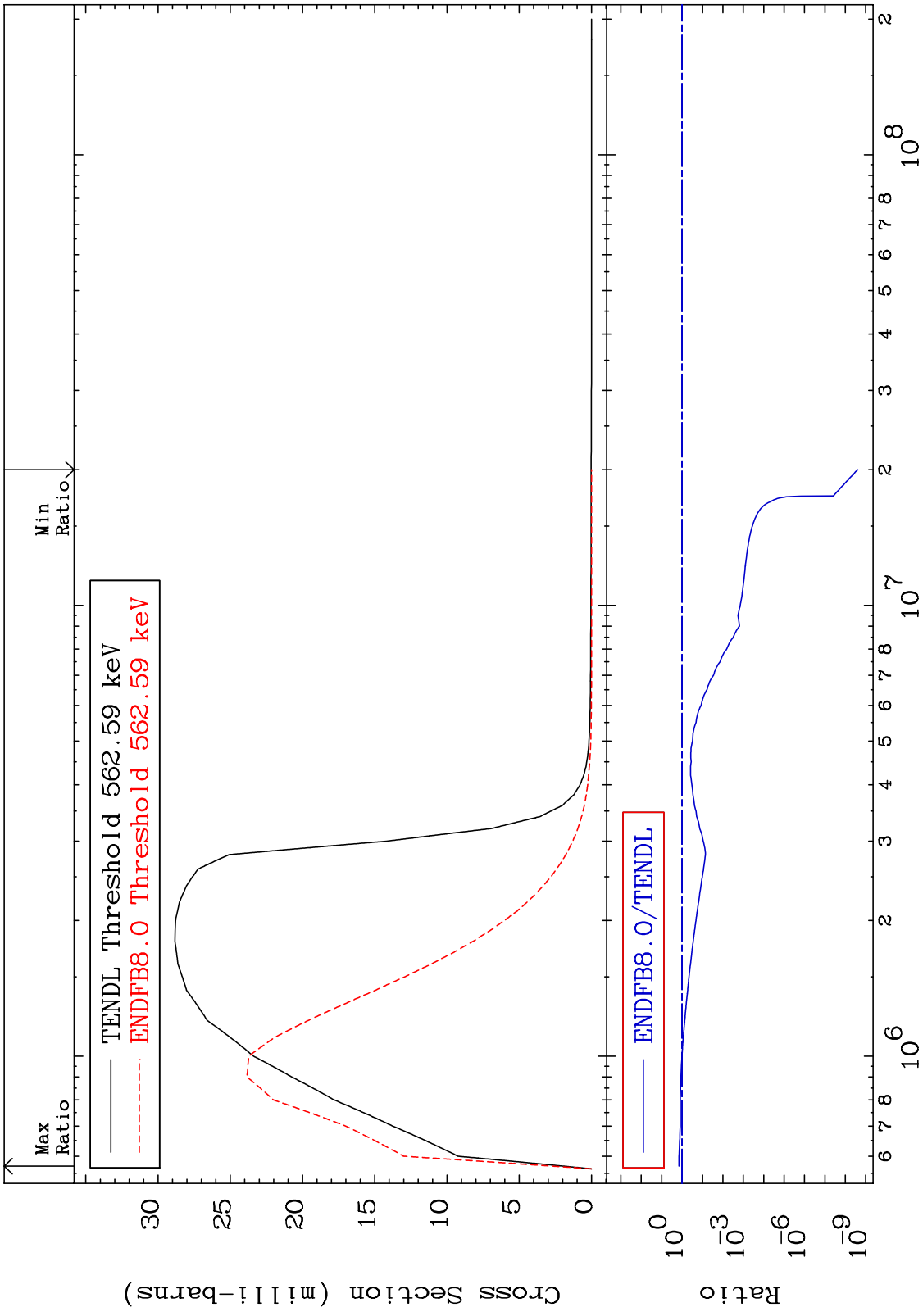
MAT 7234 MT= 59 (n,n') Level Cross Section 72-Hf-177 -100.0 To 35.39 %



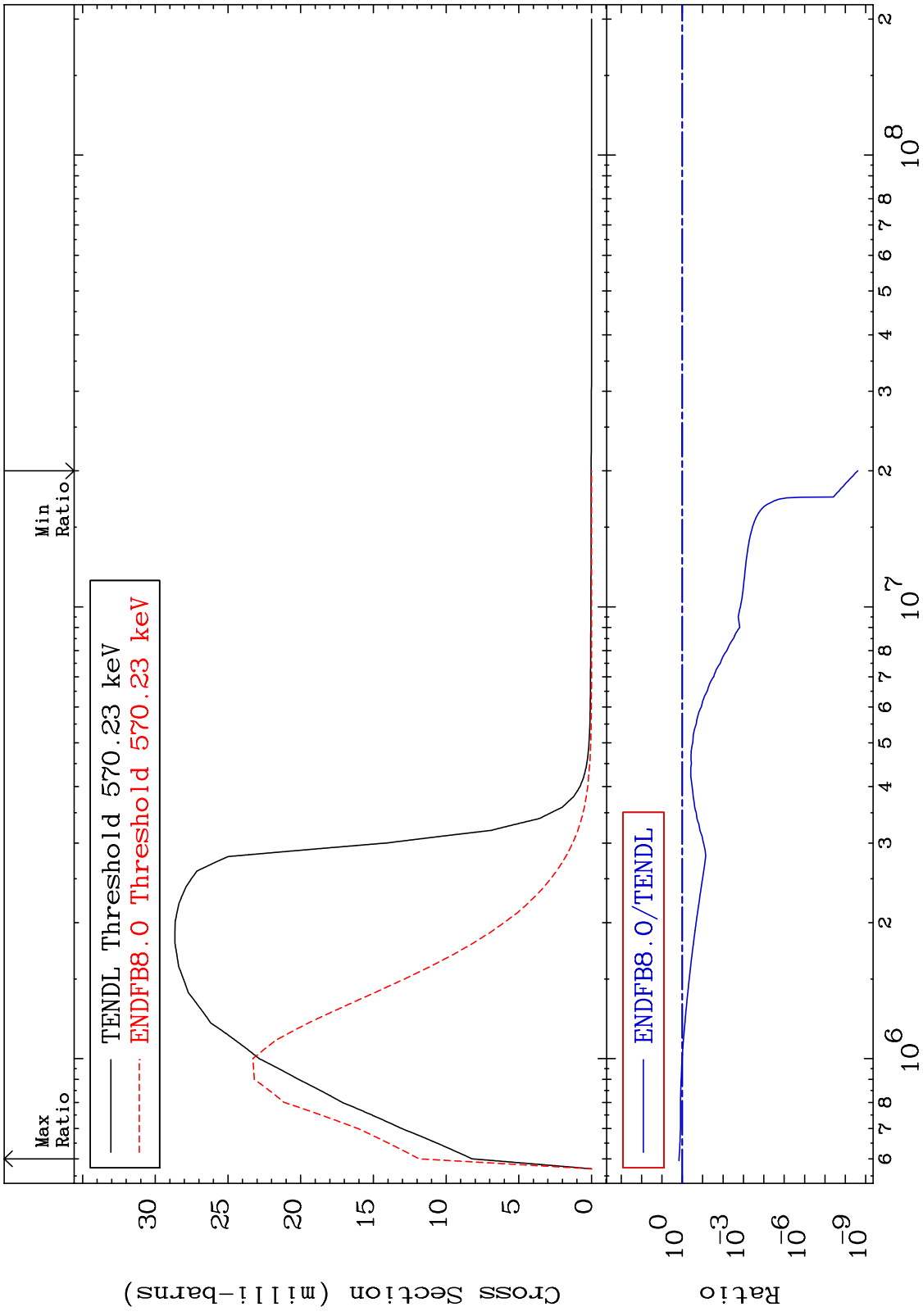
MAT 7234 MT= 60 (n,n') Level Cross Section 72-Hf-177 -100.0 To 0.580 %



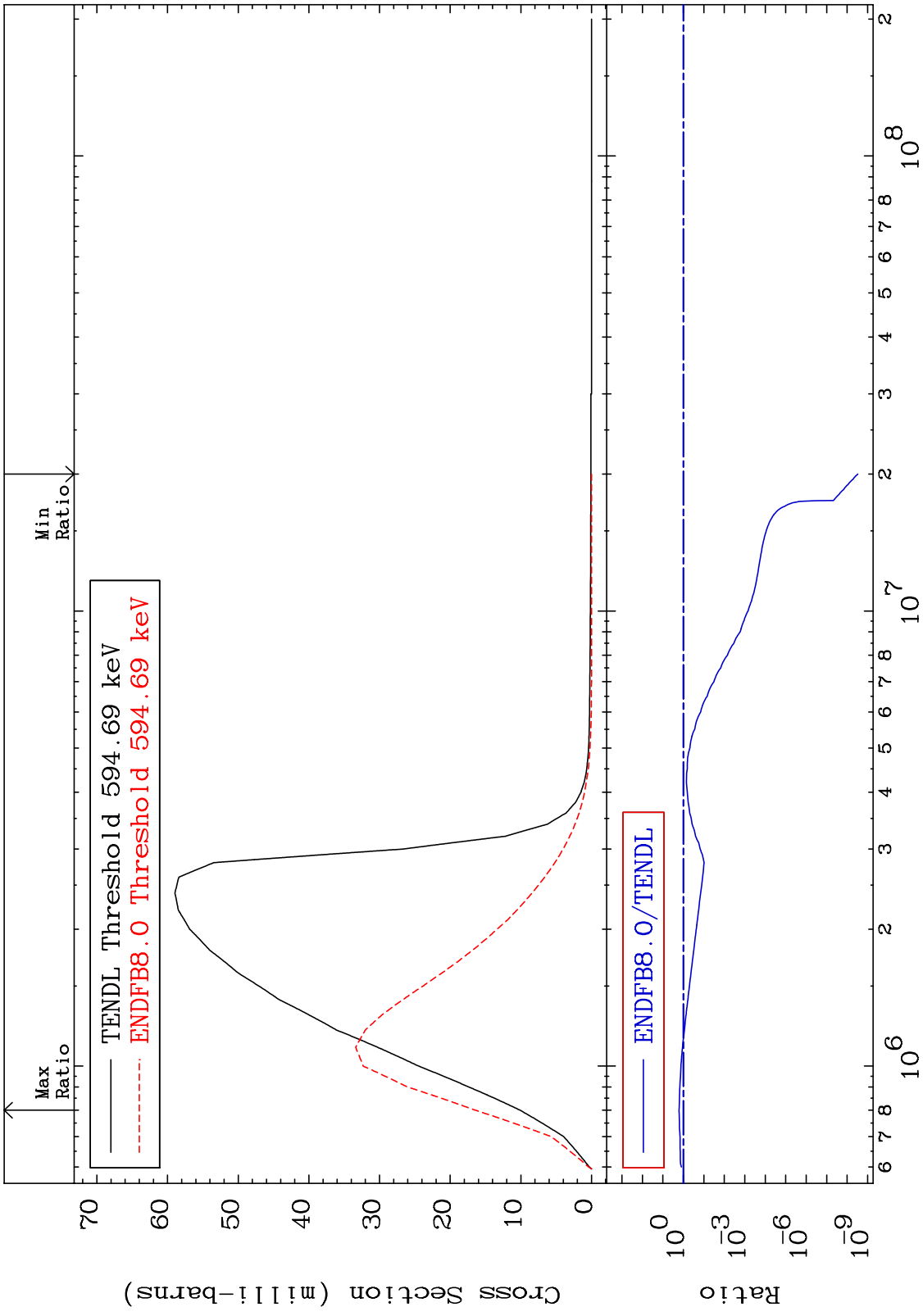
MAT 7234 MT= 61 (n,n') Level Cross Section 72-Hf-177 -100.0 To 40.75 %



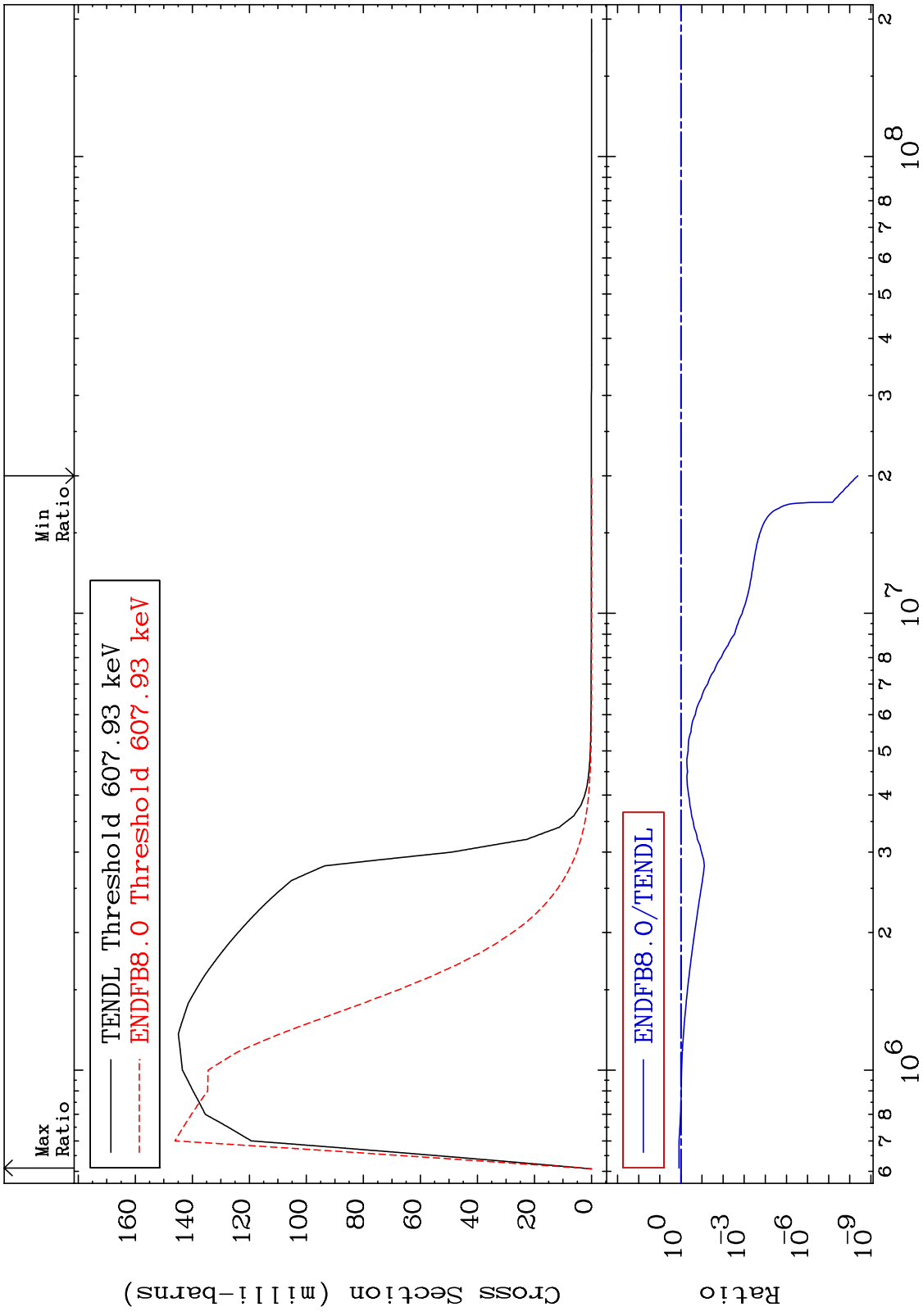
MAT 7234 MT= 62 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 44.54 %



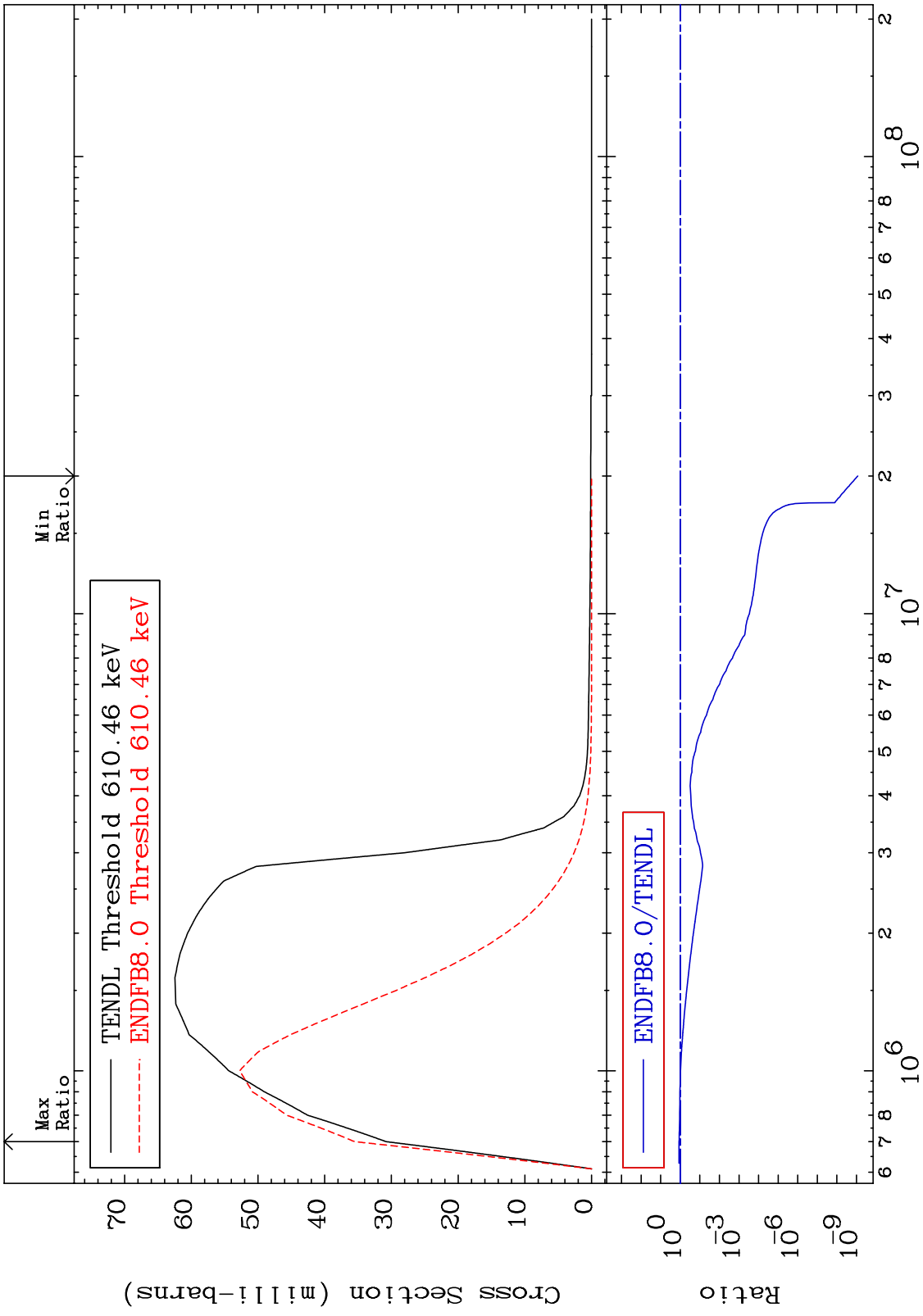
MAT 7234 MT= 63 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 62.59 %



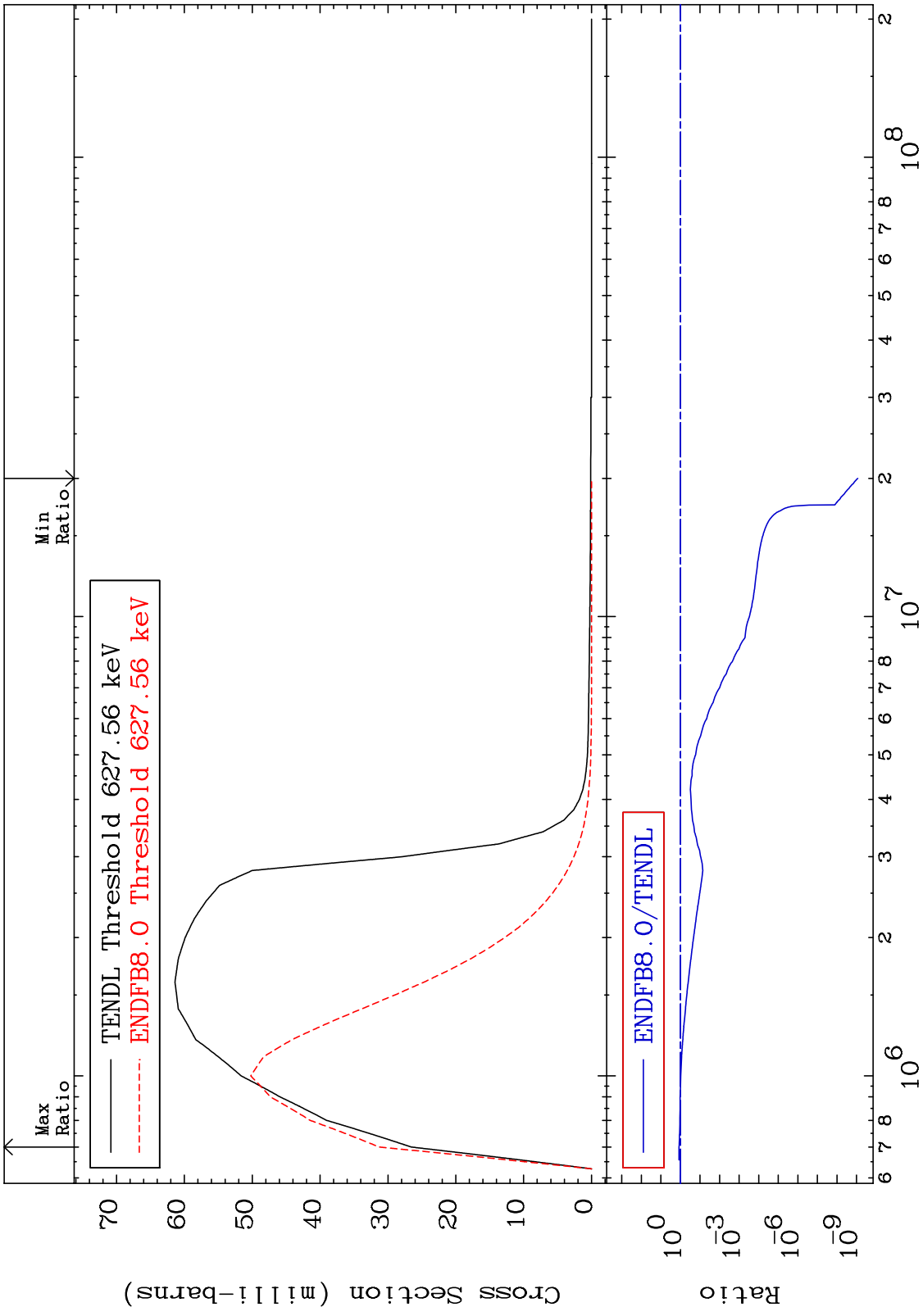
MAT 7234 MT= 64 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 22.37 %



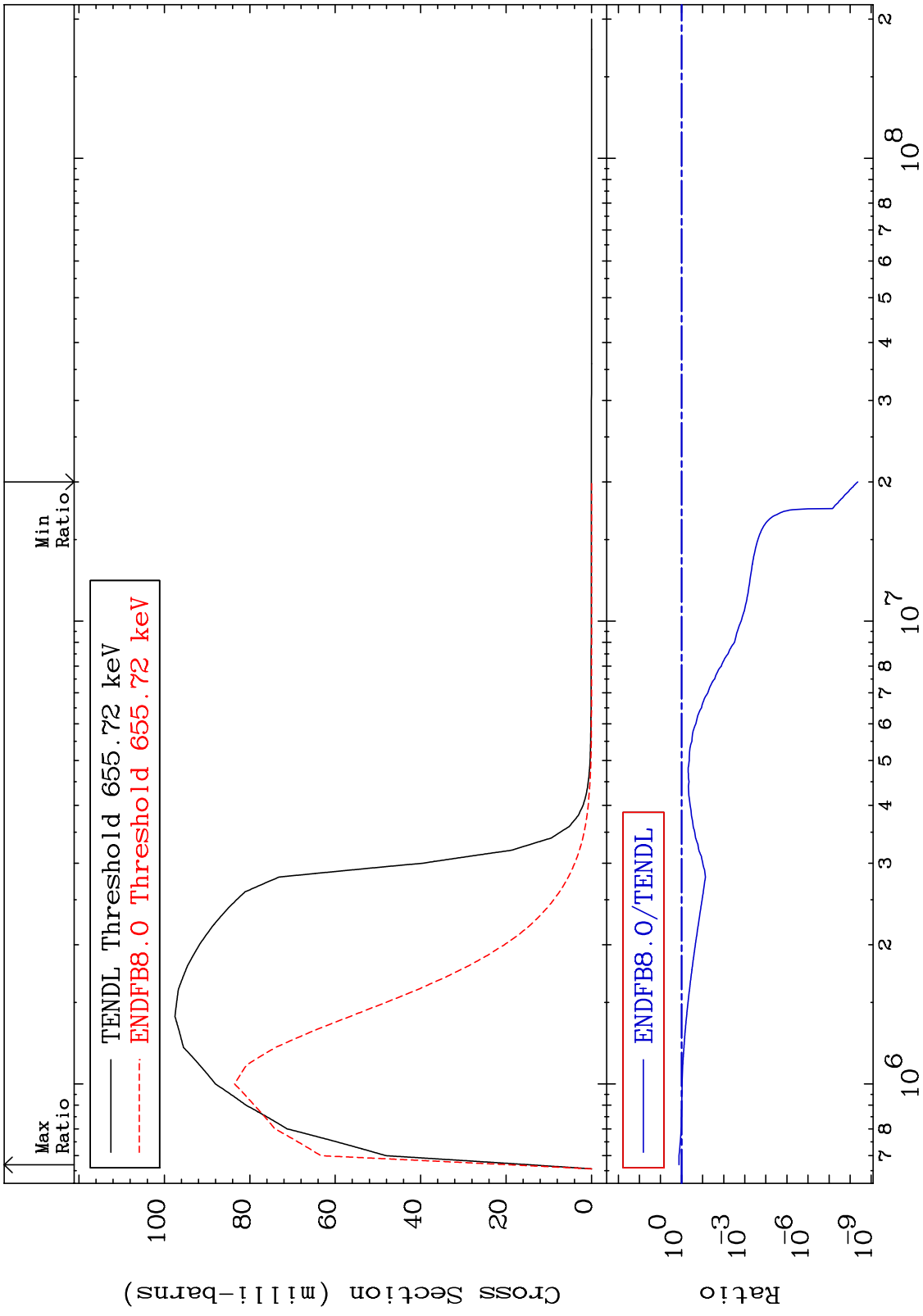
MAT 7234 MT= 65 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 15.37 %



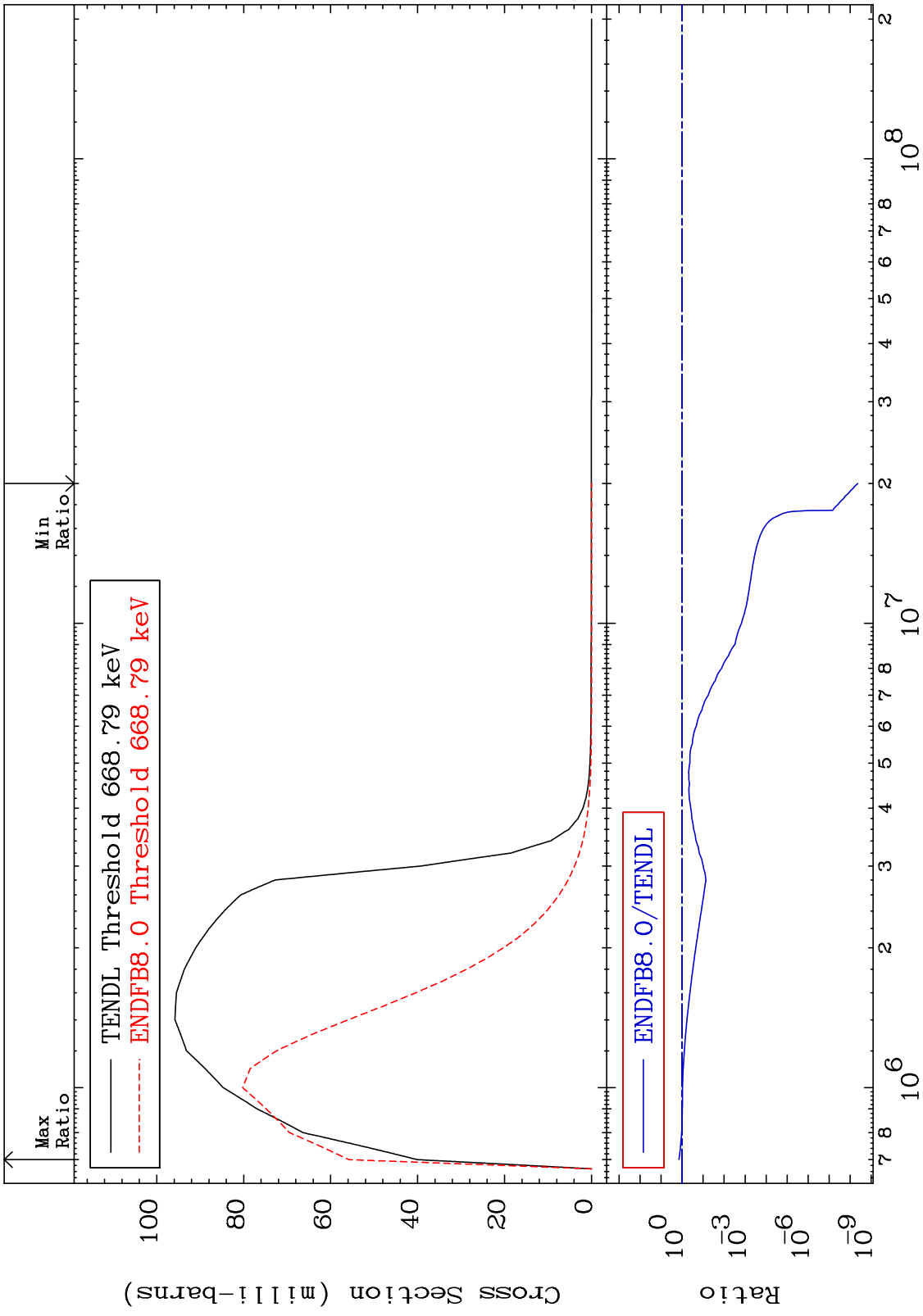
MAT 7234 MT= 66 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 17.74 %



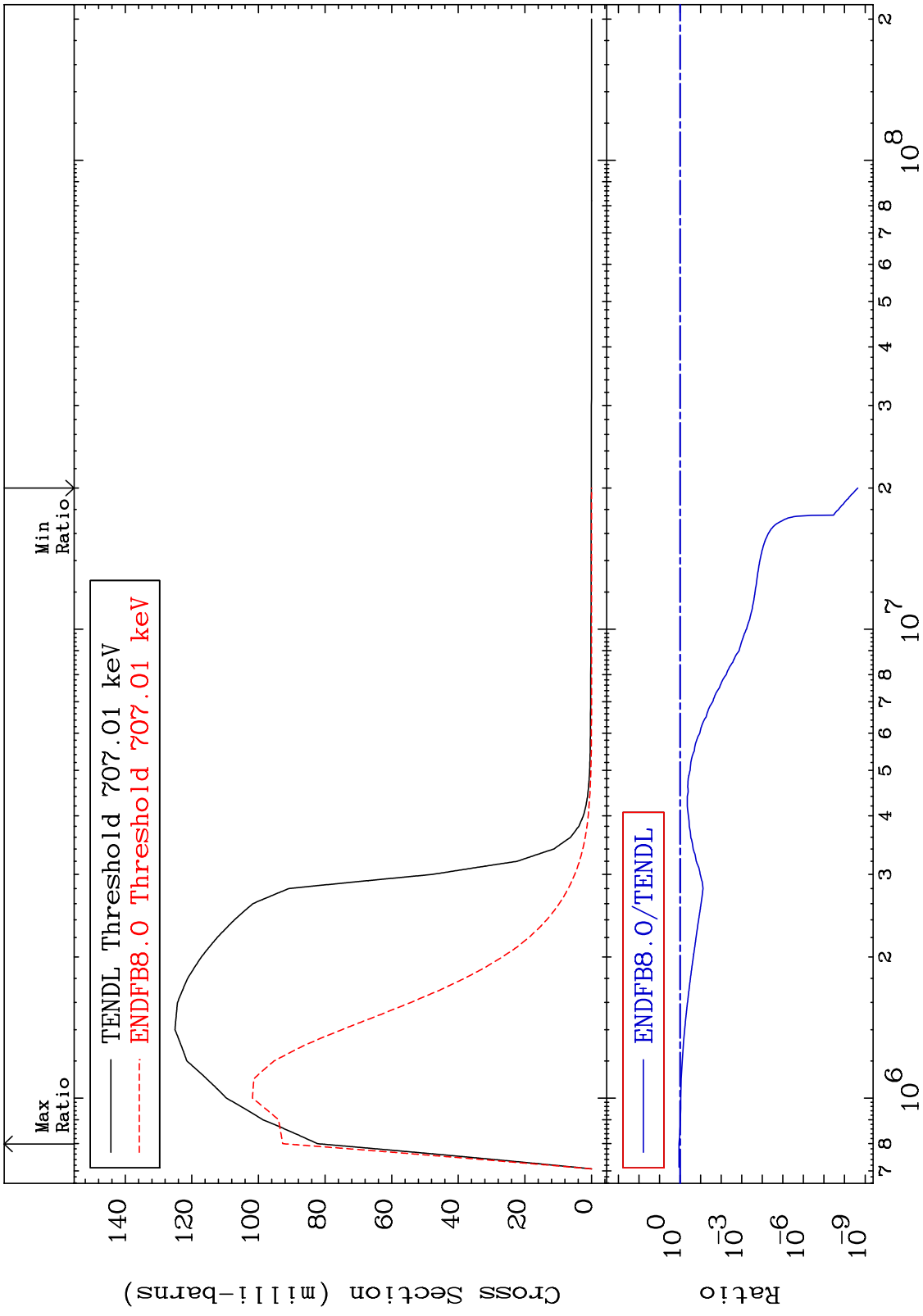
MAT 7234 MT= 67 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 31.73 %



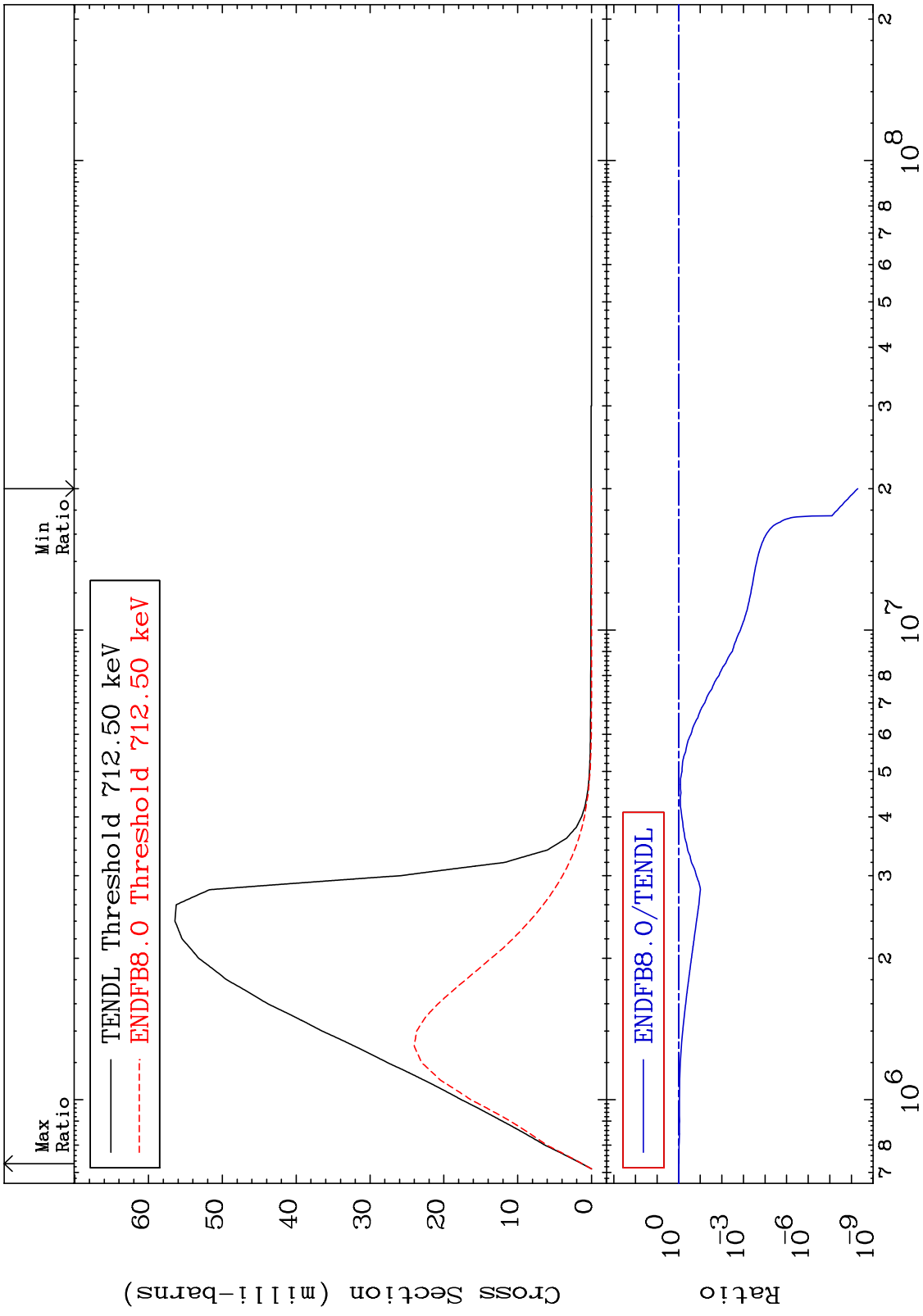
MAT 7234 MT= 68 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 39.32 %



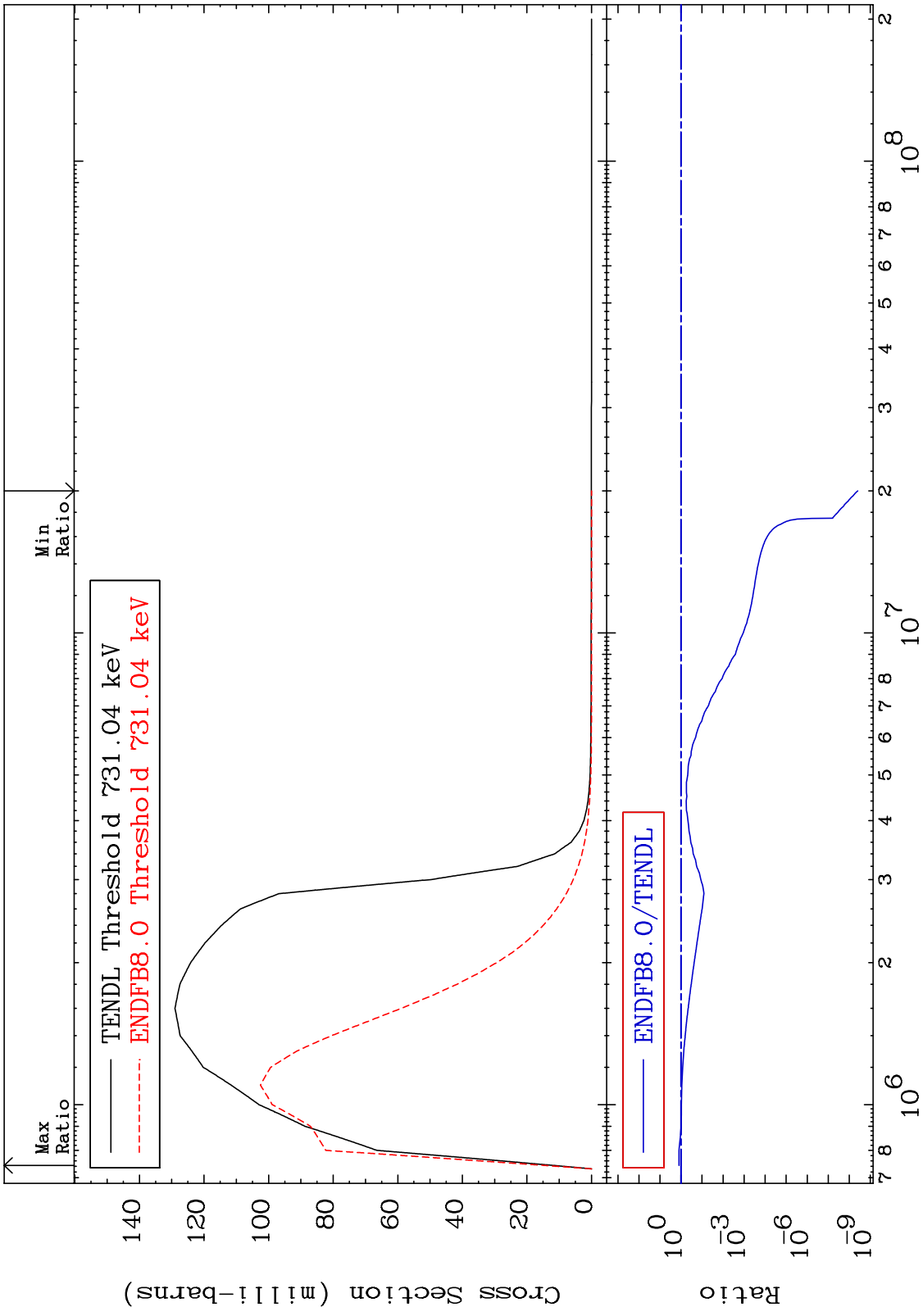
MAT 7234 MT= 69 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 12.59 %



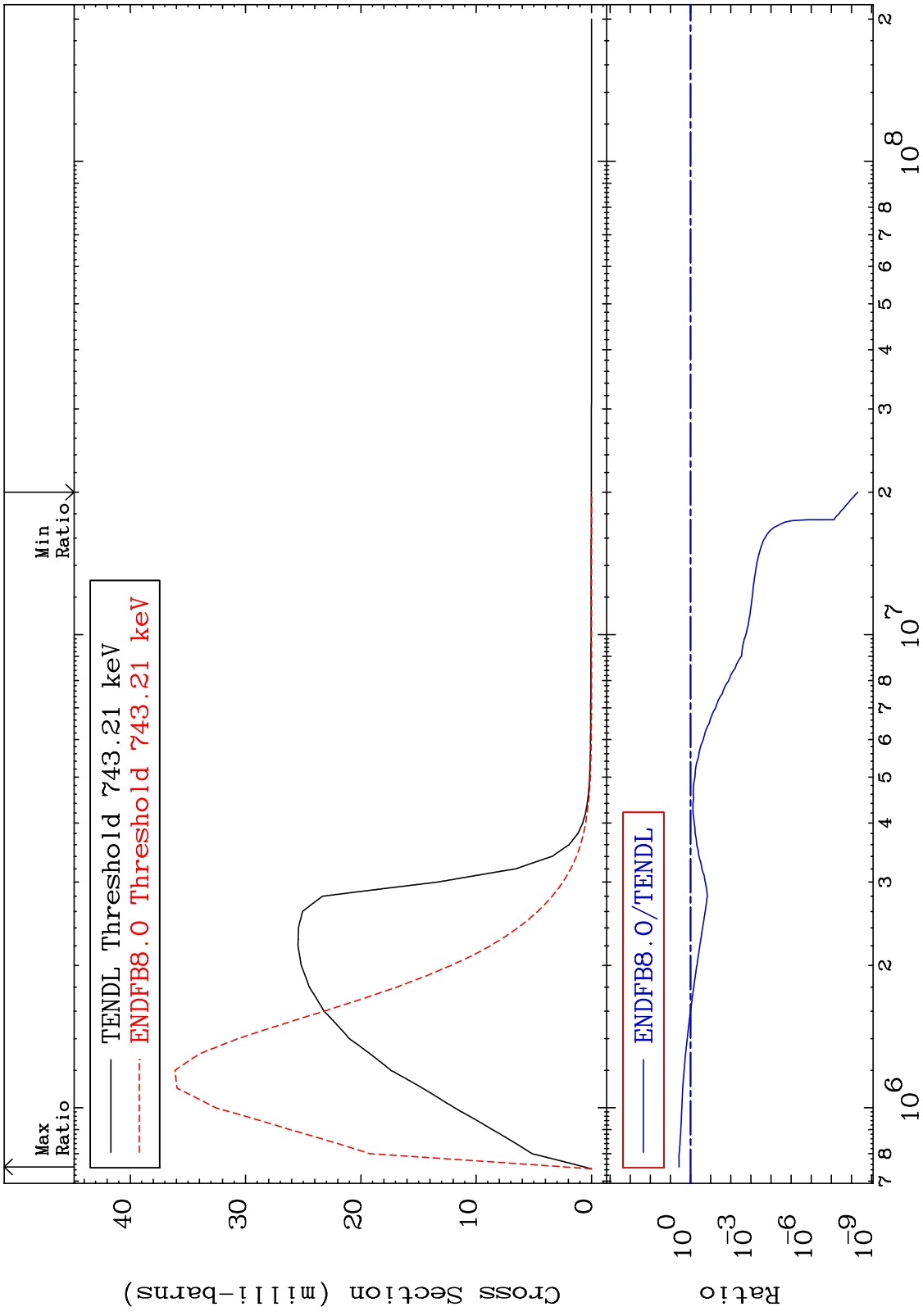
MAT 7234 MT= 70 (n,n') Level Cross Section 72-Hf-177 -100.0 To -3.962%



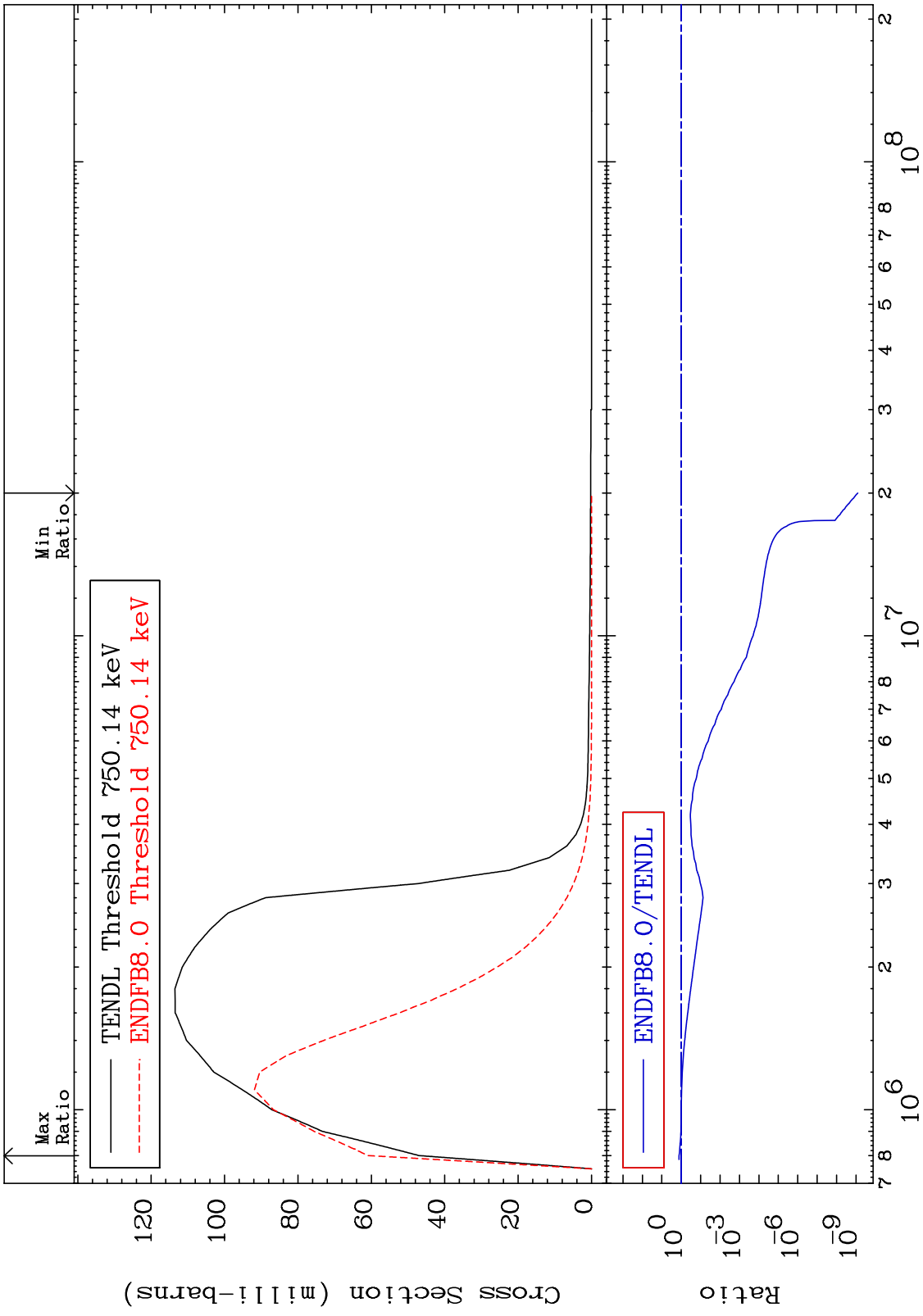
MAT 7234 MT= 71 (n,n') Level Cross Section 72-Hf-177 -100.0 To 23.80 %



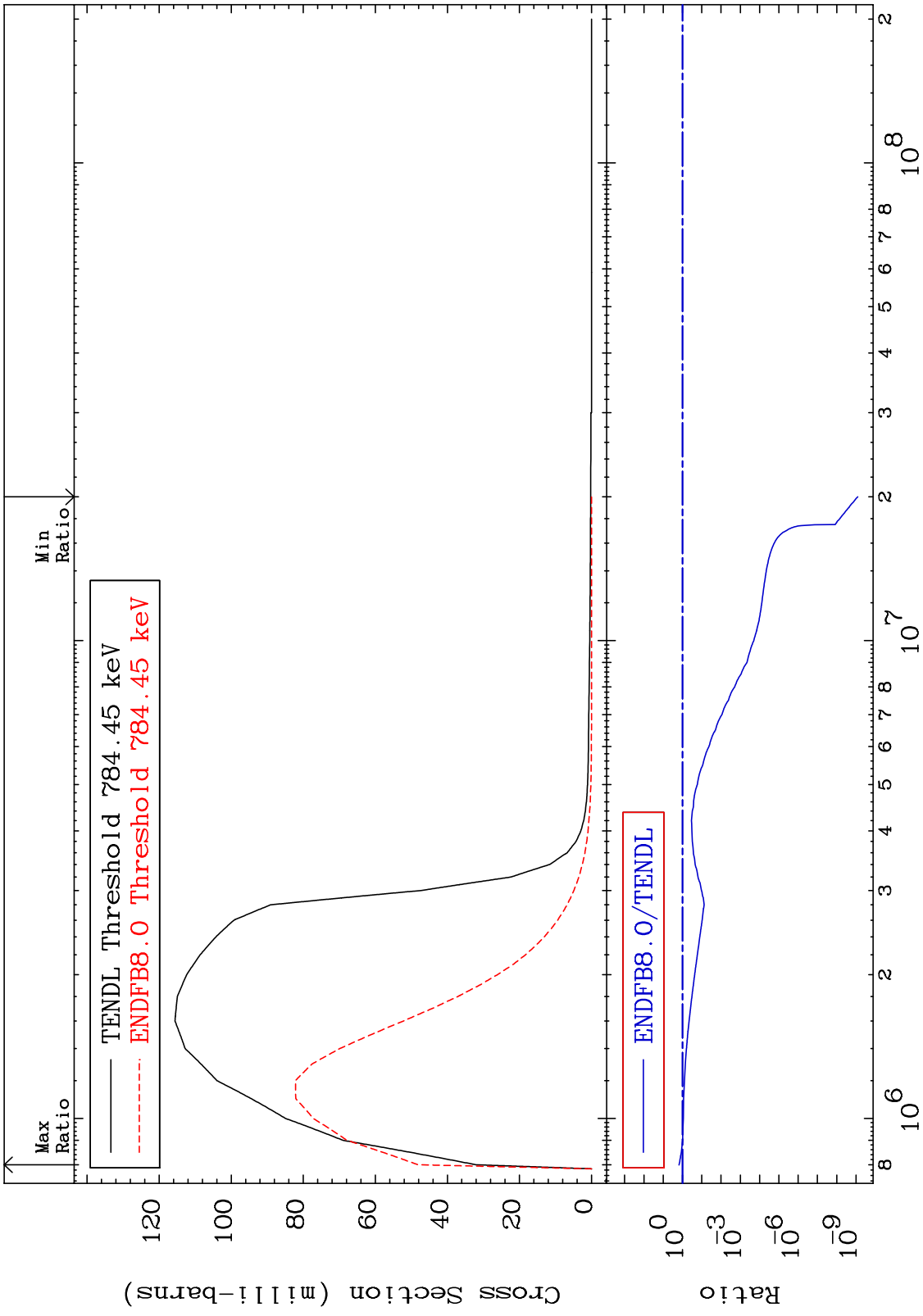
MAT 7234 MT= 72 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 272.5 %



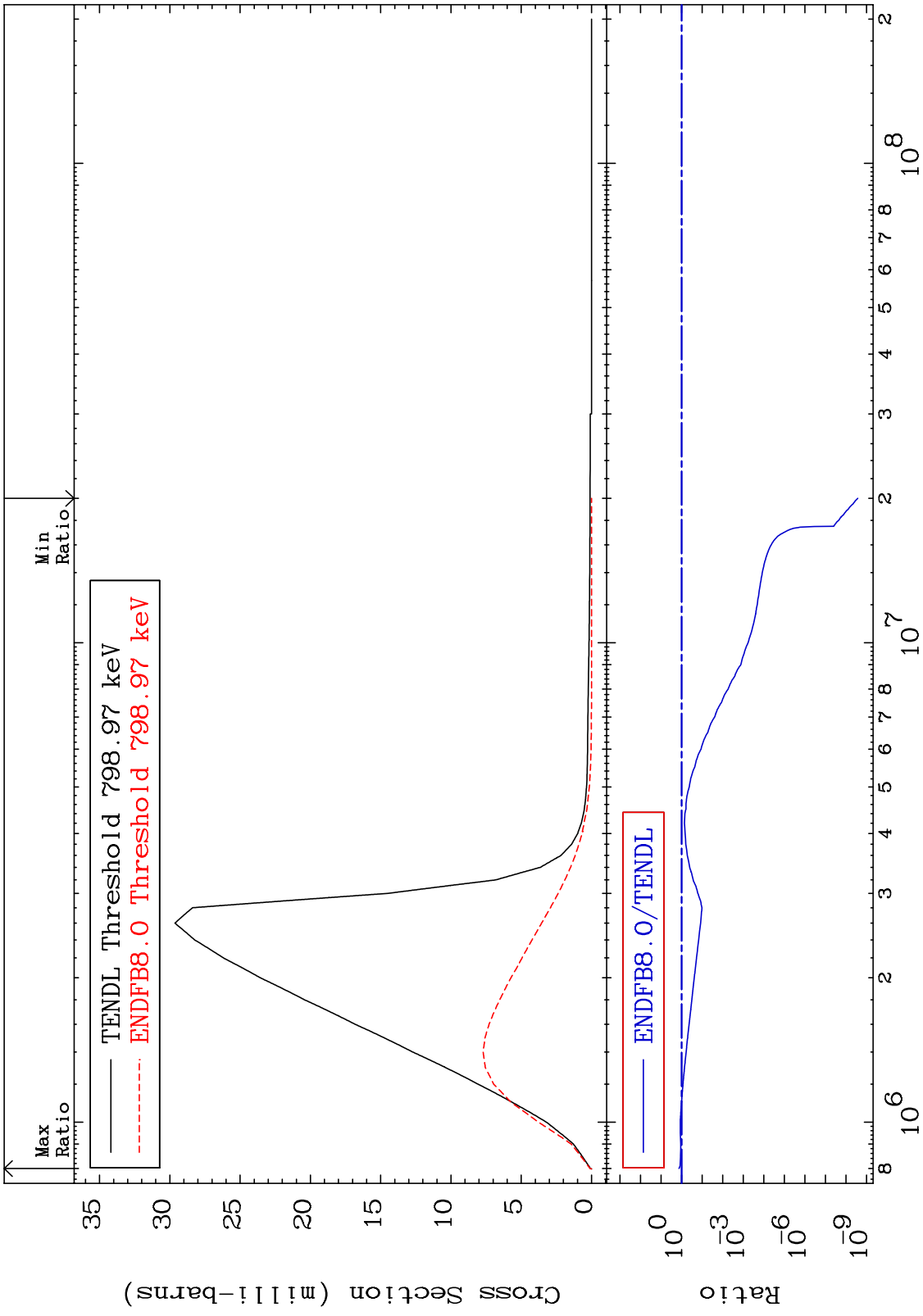
MAT 7234 MT= 73 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 29.48 %



MAT 7234 MT= 74 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 50.25 %

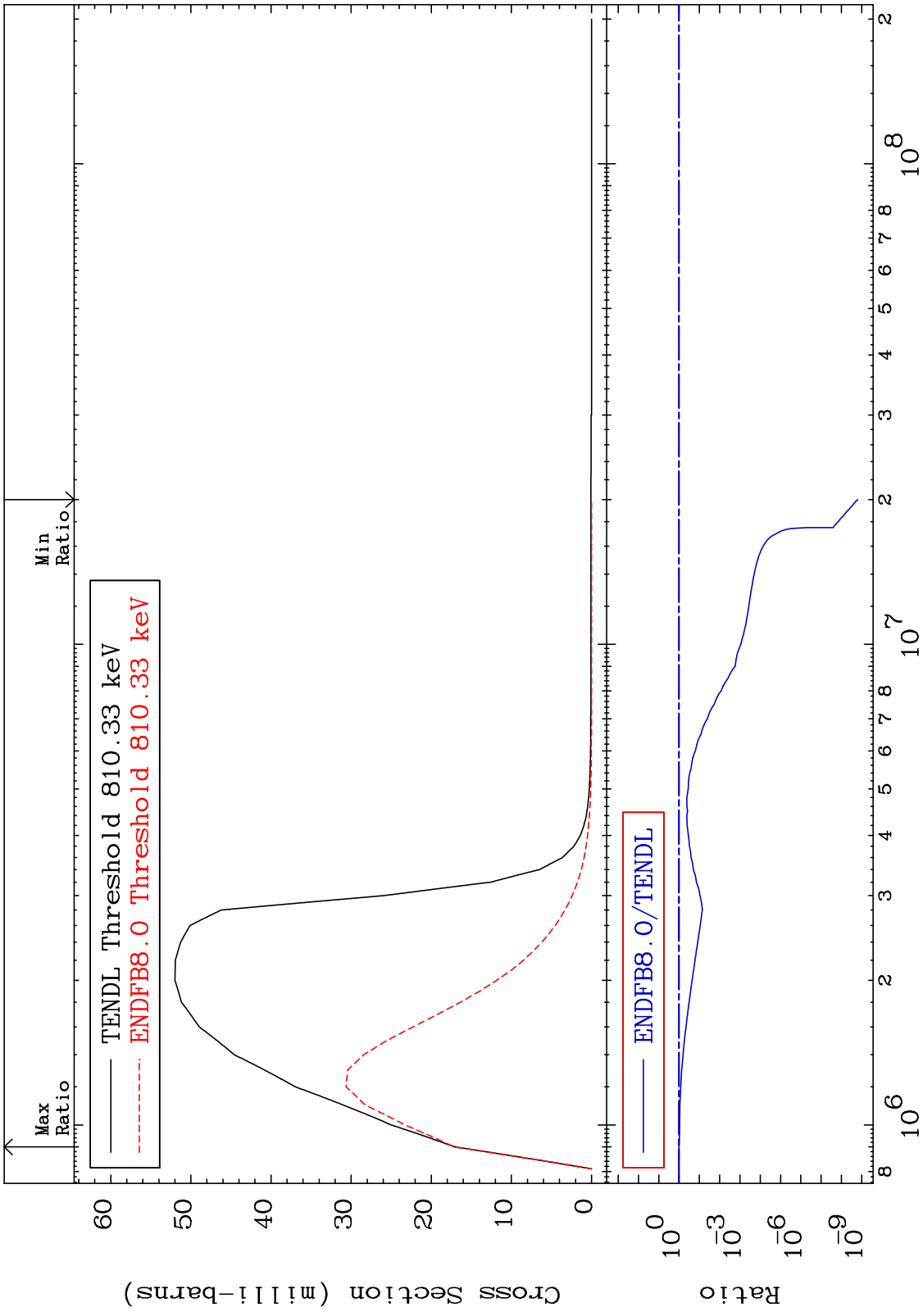


MAT 7234 MT= 75 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 34.27 %

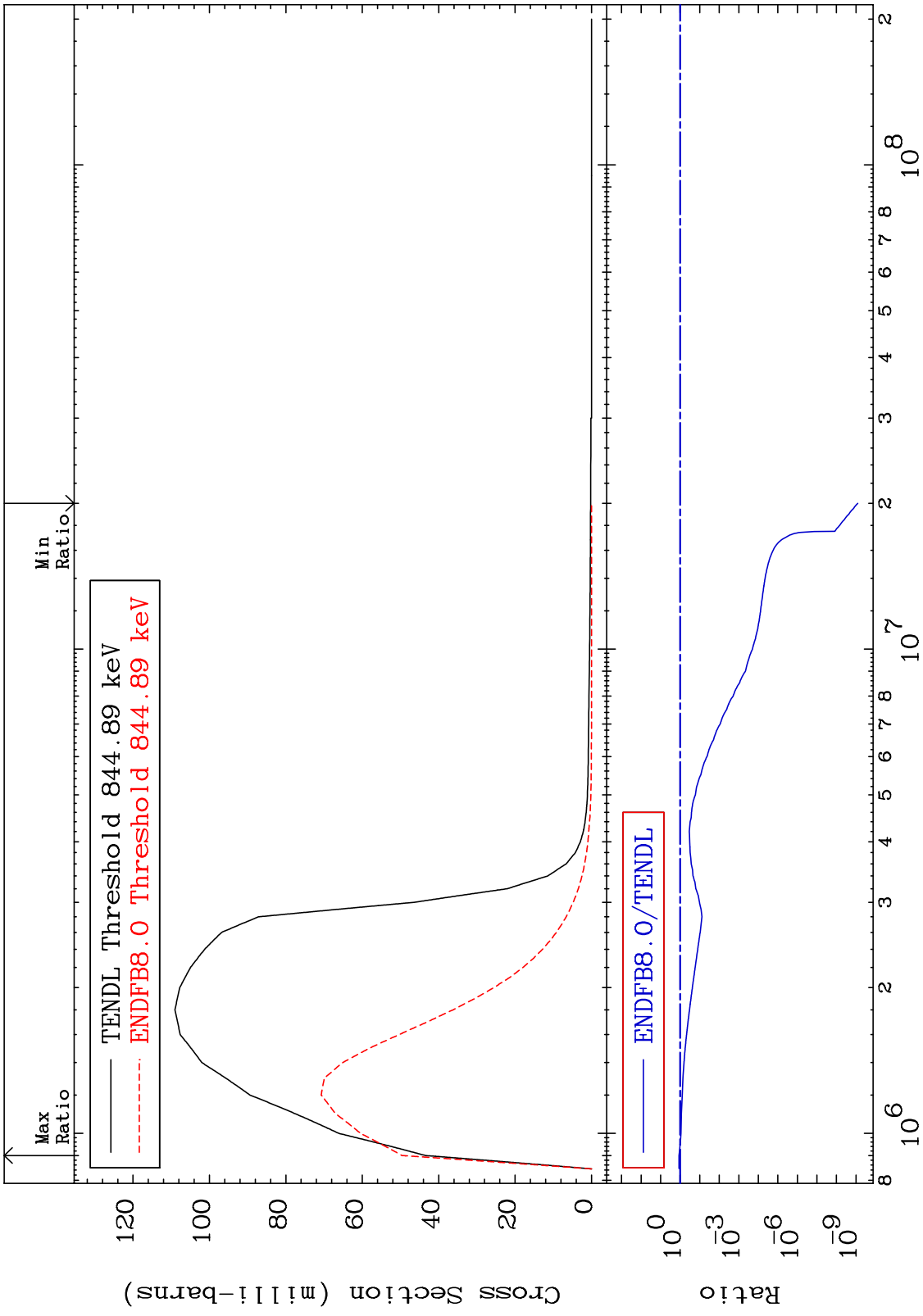


32 72-Hf-177

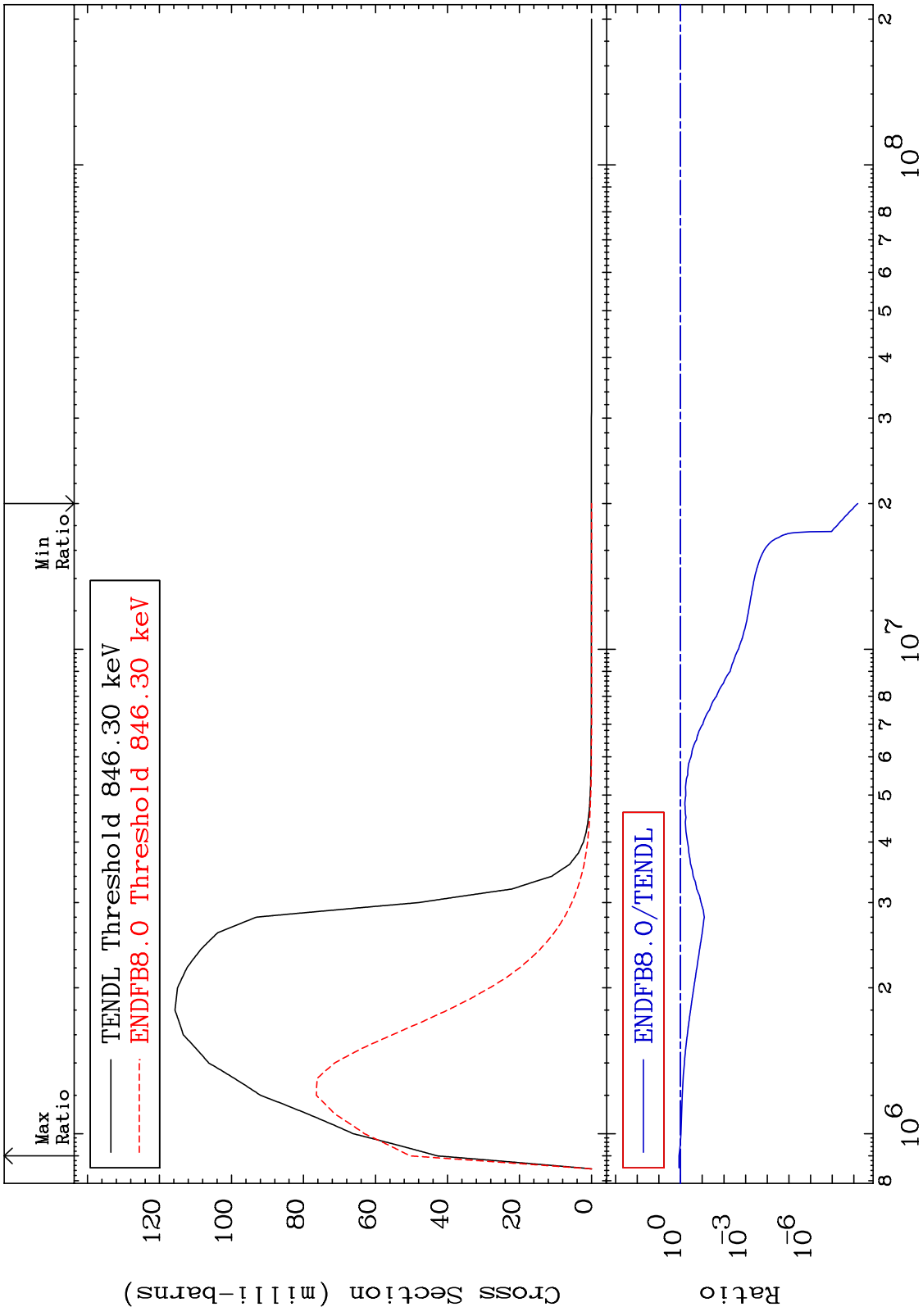
MAT 7234 MT= 76 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 0.343 %

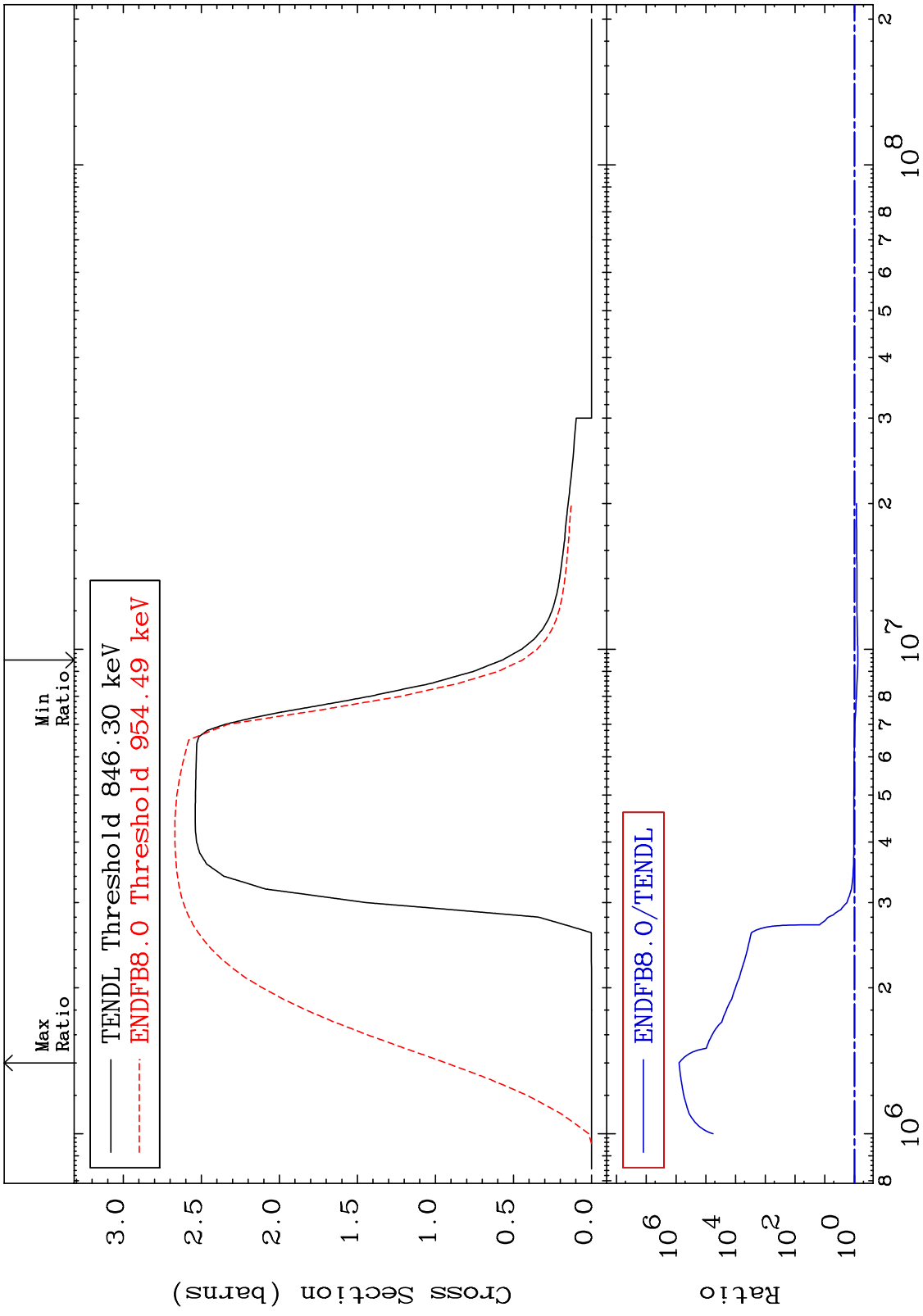


MAT 7234 MT= 77 (n,n') Level Cross Section 72-Hf-177 -100.0 To 14.18 %



MAT 7234 MT= 78 (n,n') Level Cross Section 72-Hf-177
 -100.0 To 17.72 %





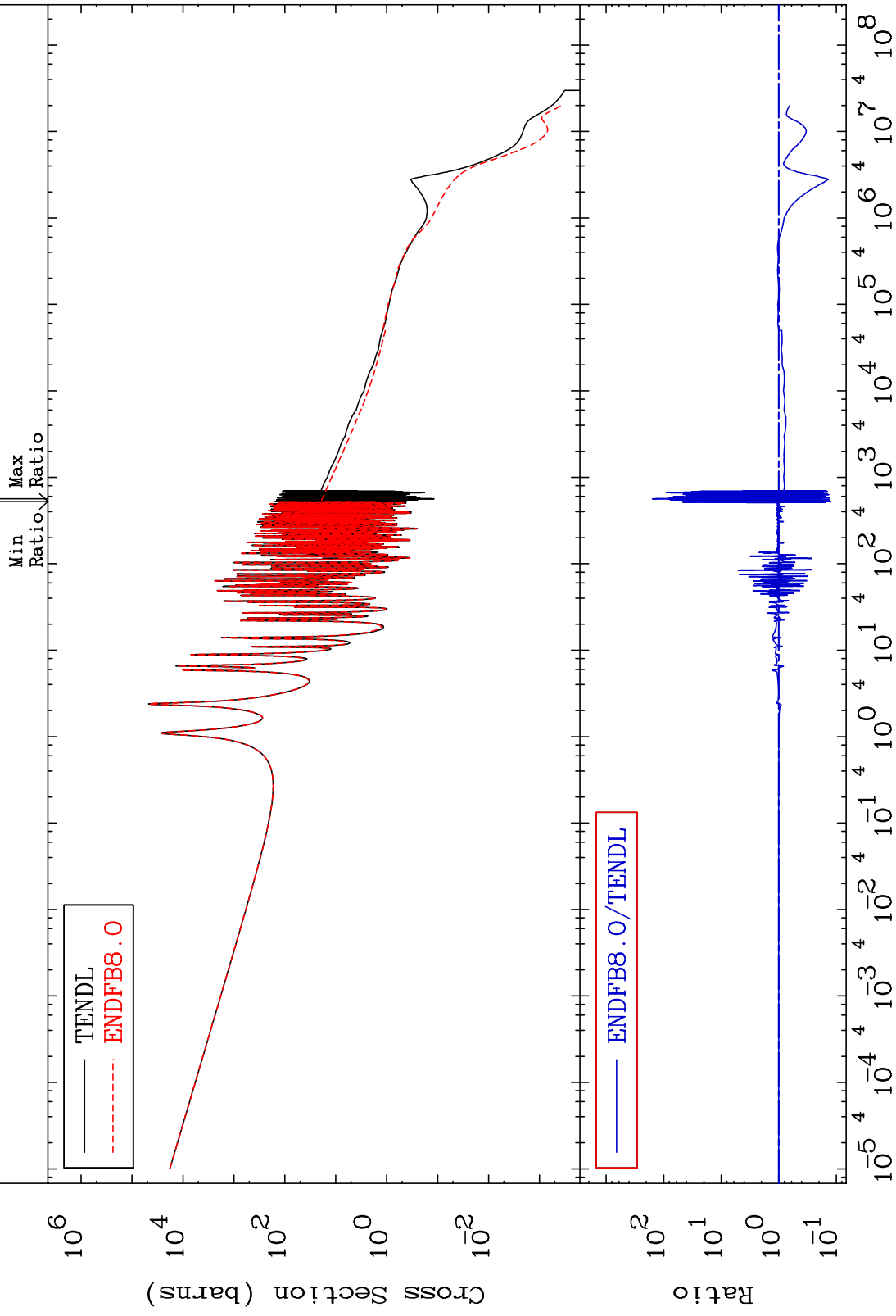
MAT 7234

(n, γ)

72-Hf-177

-87.59 To 9999. %

Cross Section



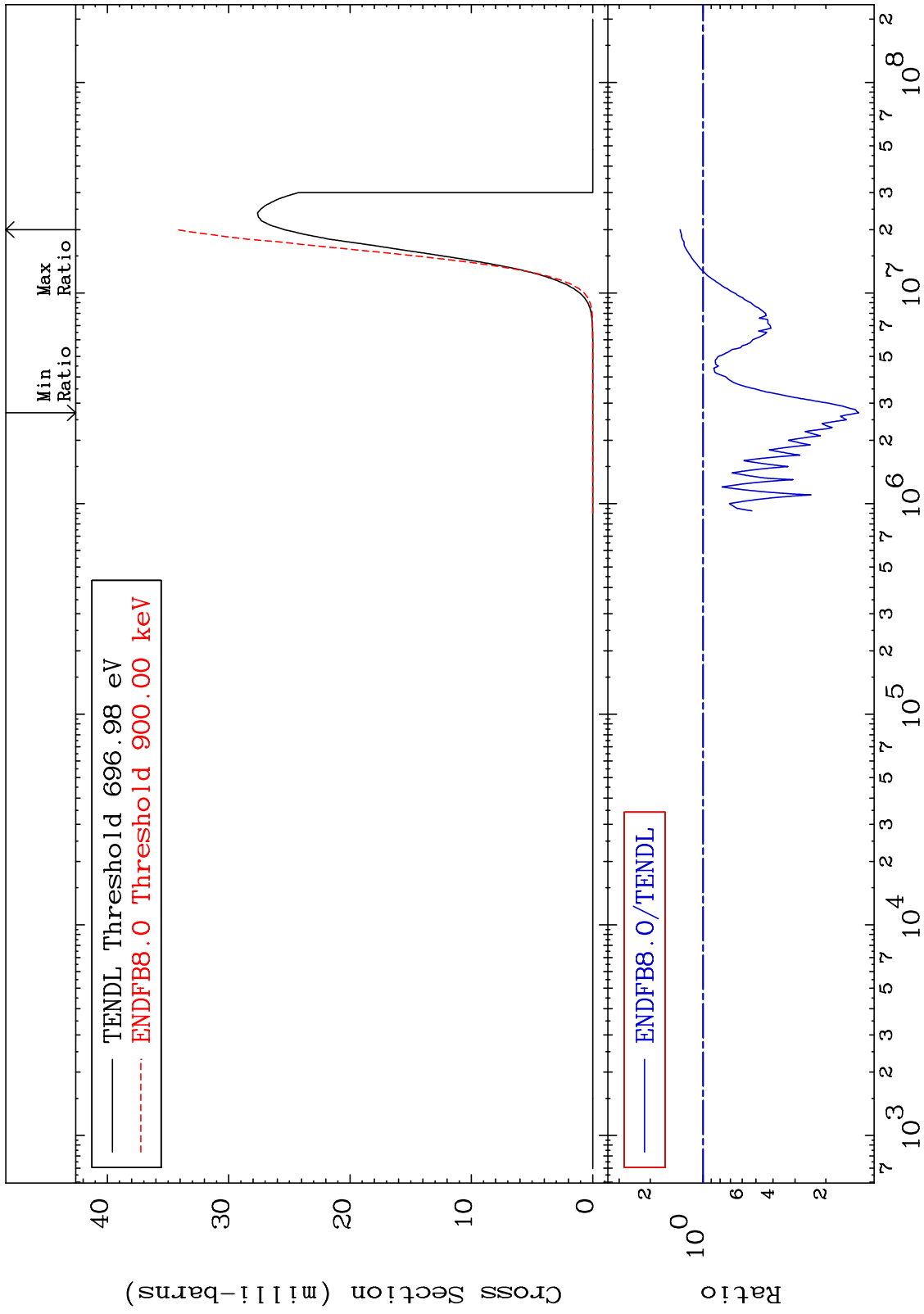
MAT 7234

(n,p)

72-Hf-177

Cross Section

-87.02 To 35.00 %



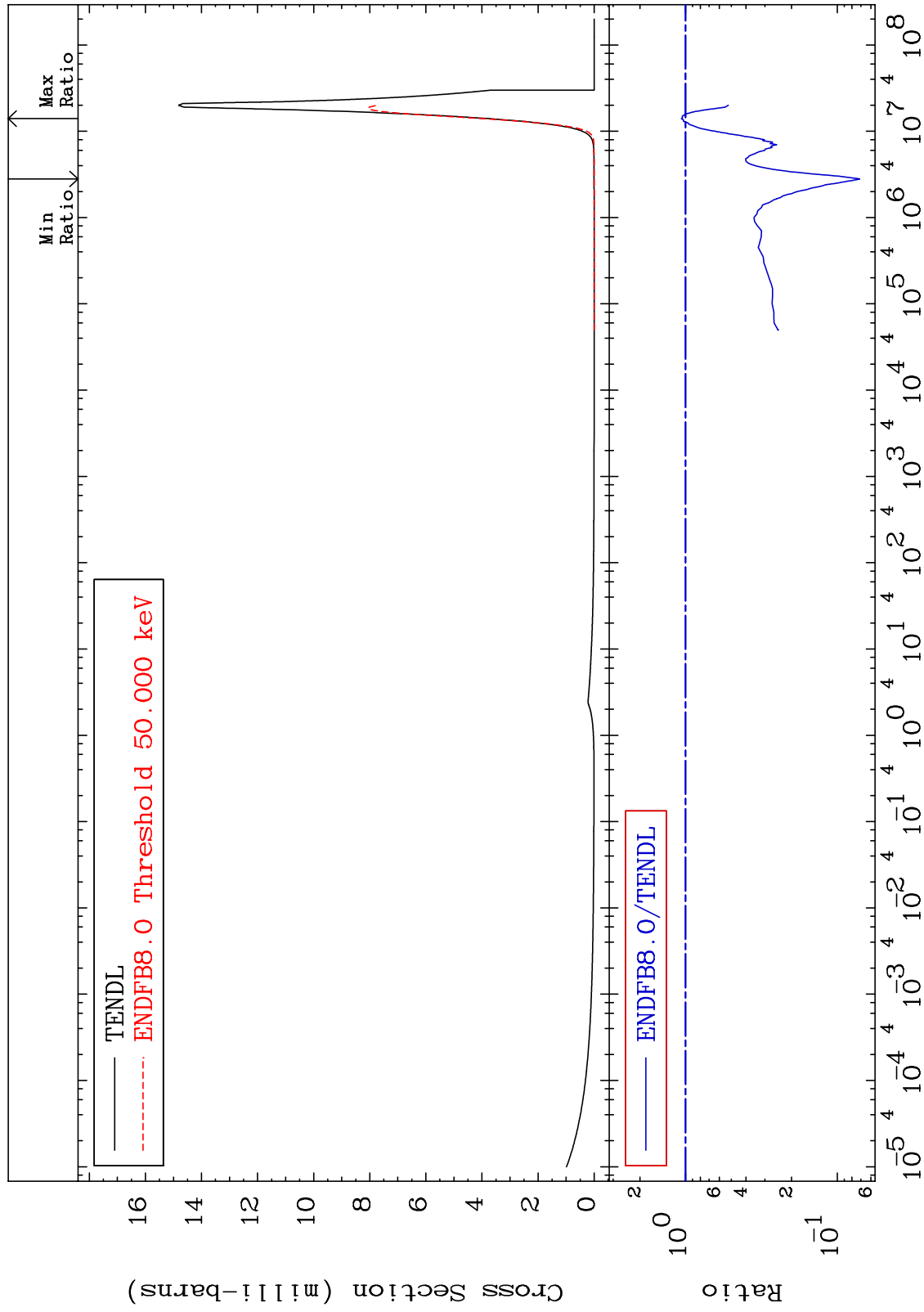
MAT 7234

(n, α)

72-Hf-177

Cross Section

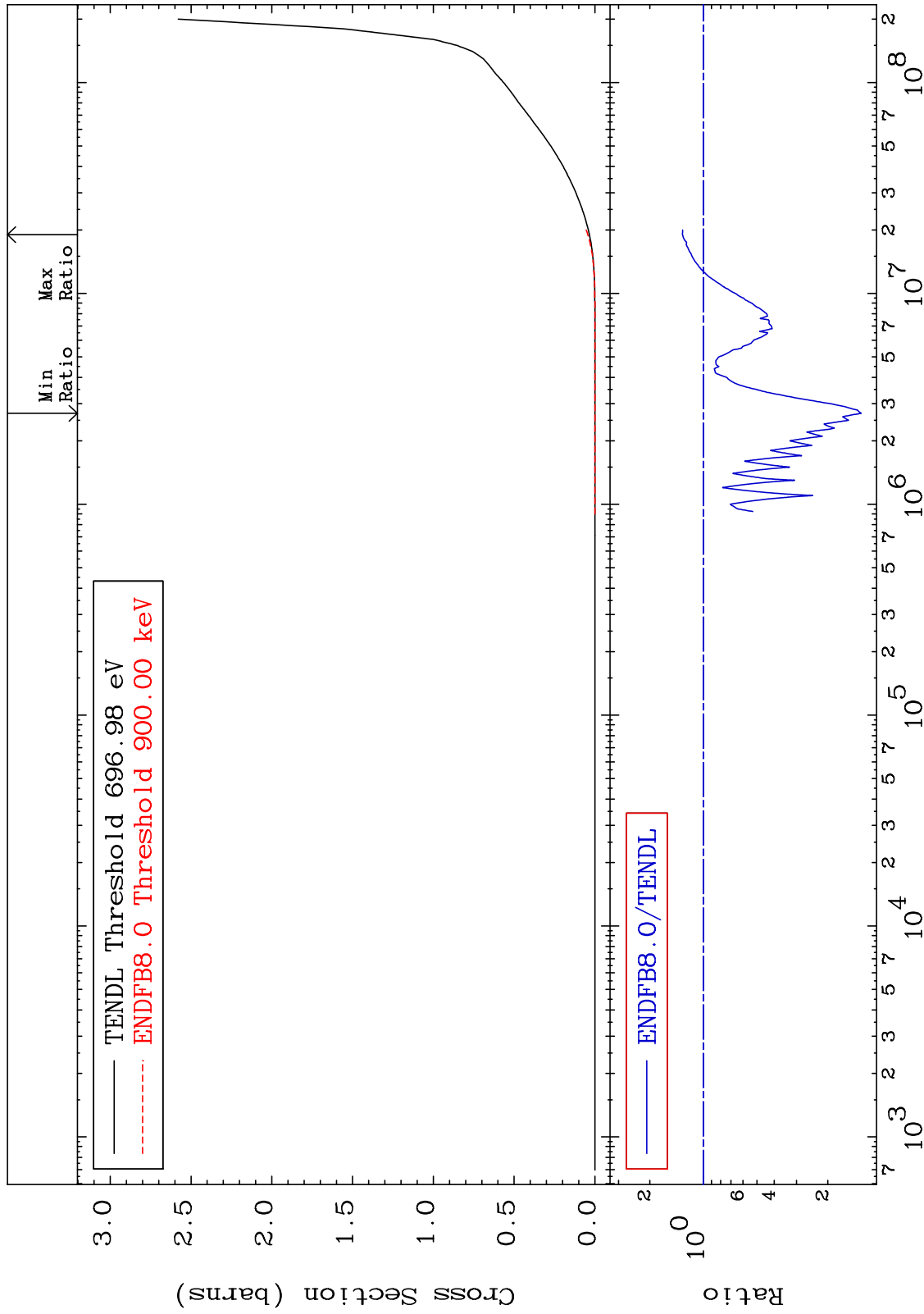
-92.90 To 6.492 %



MAT 7234

Hydrogen Production Cross Section

72-Hf-177
-87.02 To 31.15 %



40

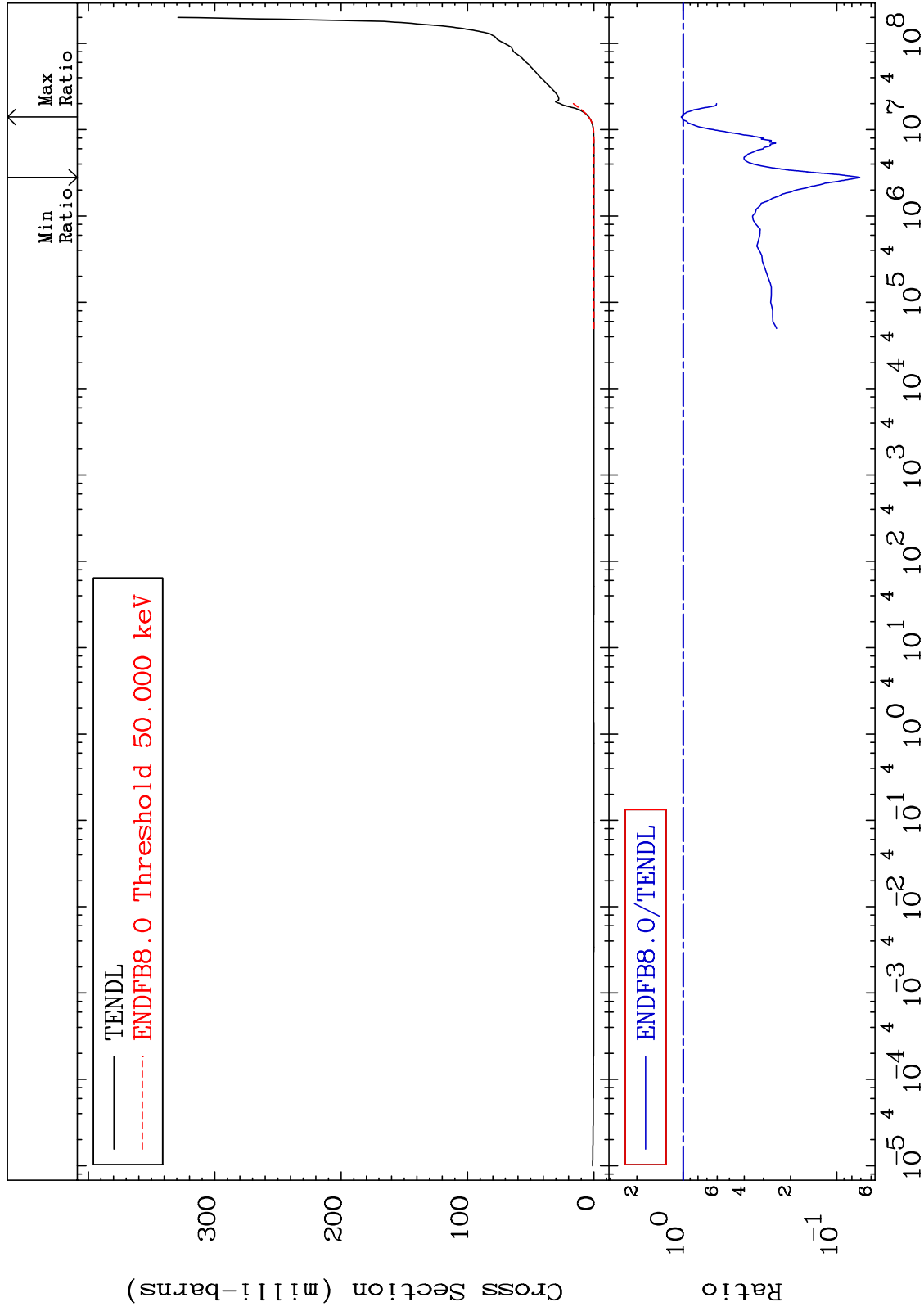
Incident Energy (eV)

72-Hf-177

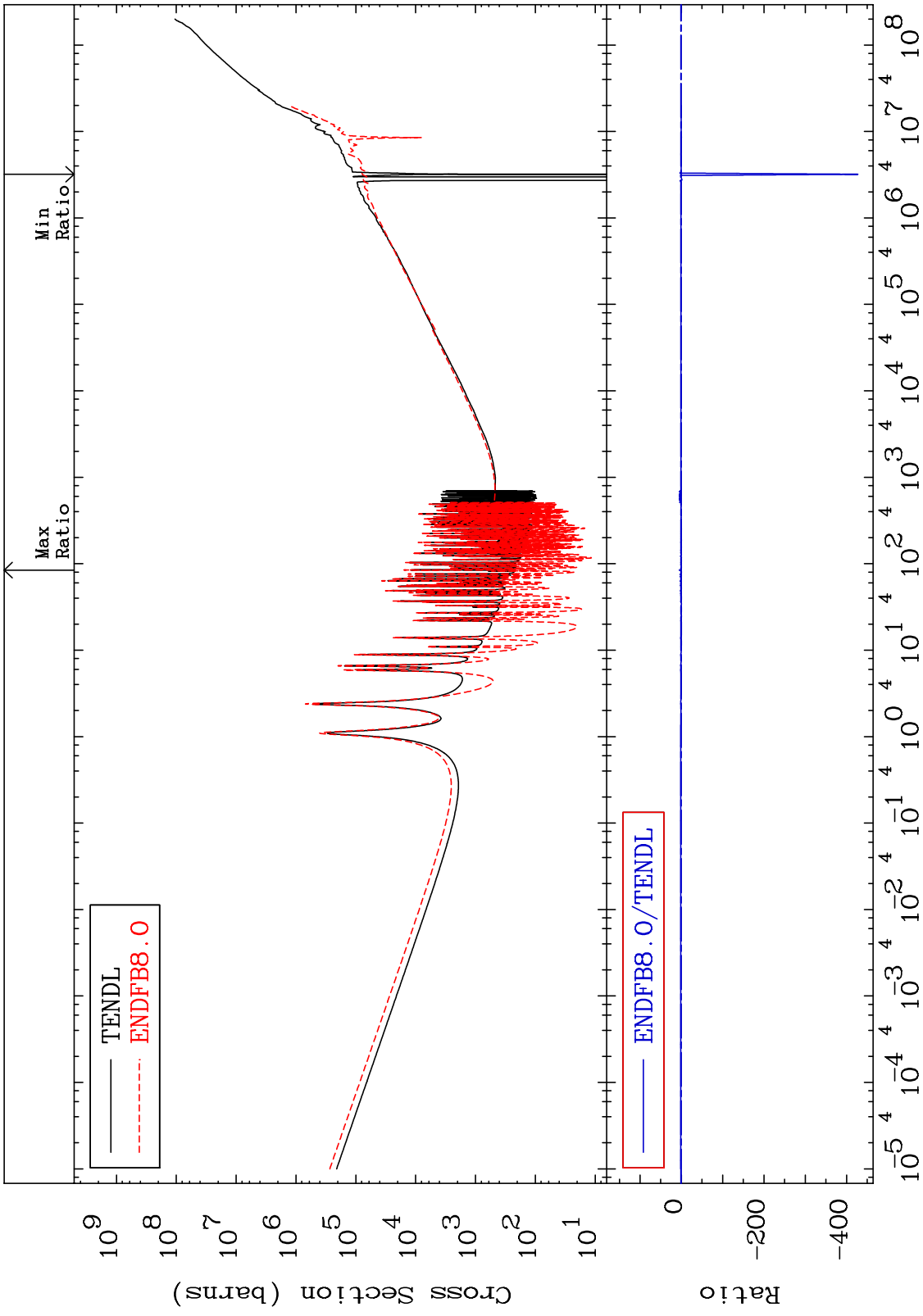
MAT 7234

He-4 Production
Cross Section

72-Hf-177
-92.90 To 2.911 %



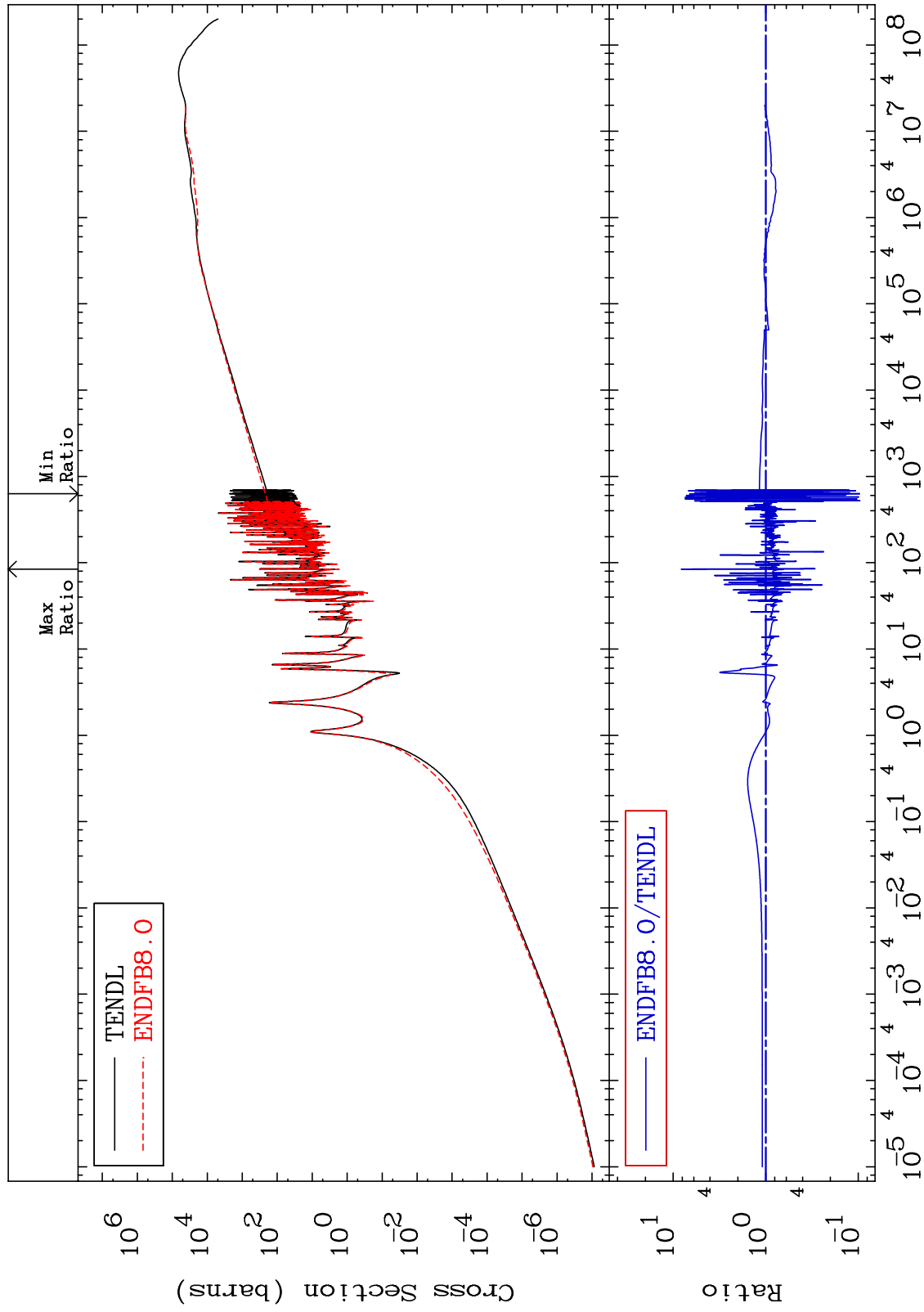
MAT 7234 Kerma total (eV-barns)
 Cross Section -9999. To 459.5 % 72-Hf-177



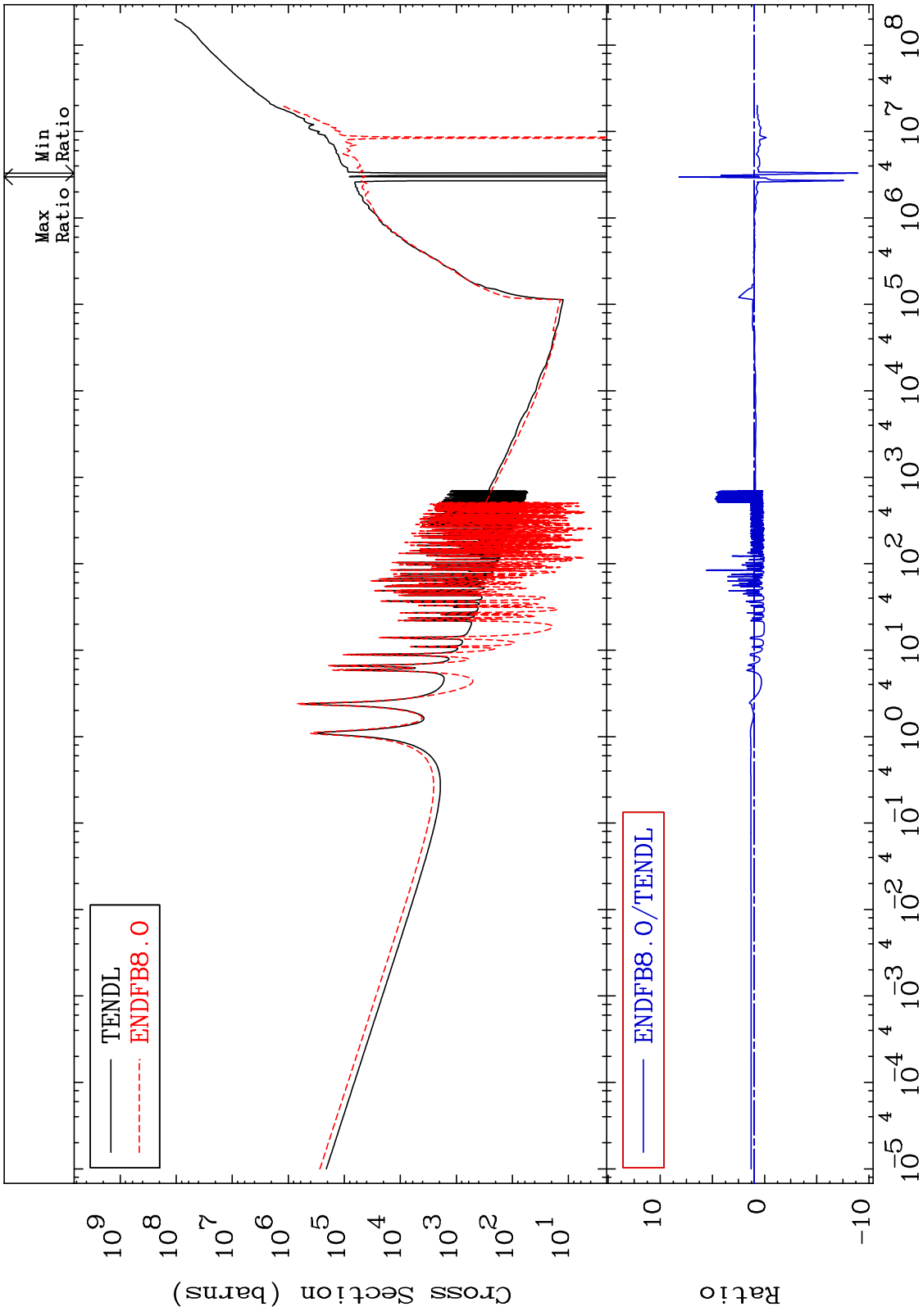
MAT 7234

Kerma elastic
Cross Section

72-Hf-177
-90.38 To 714.3 %



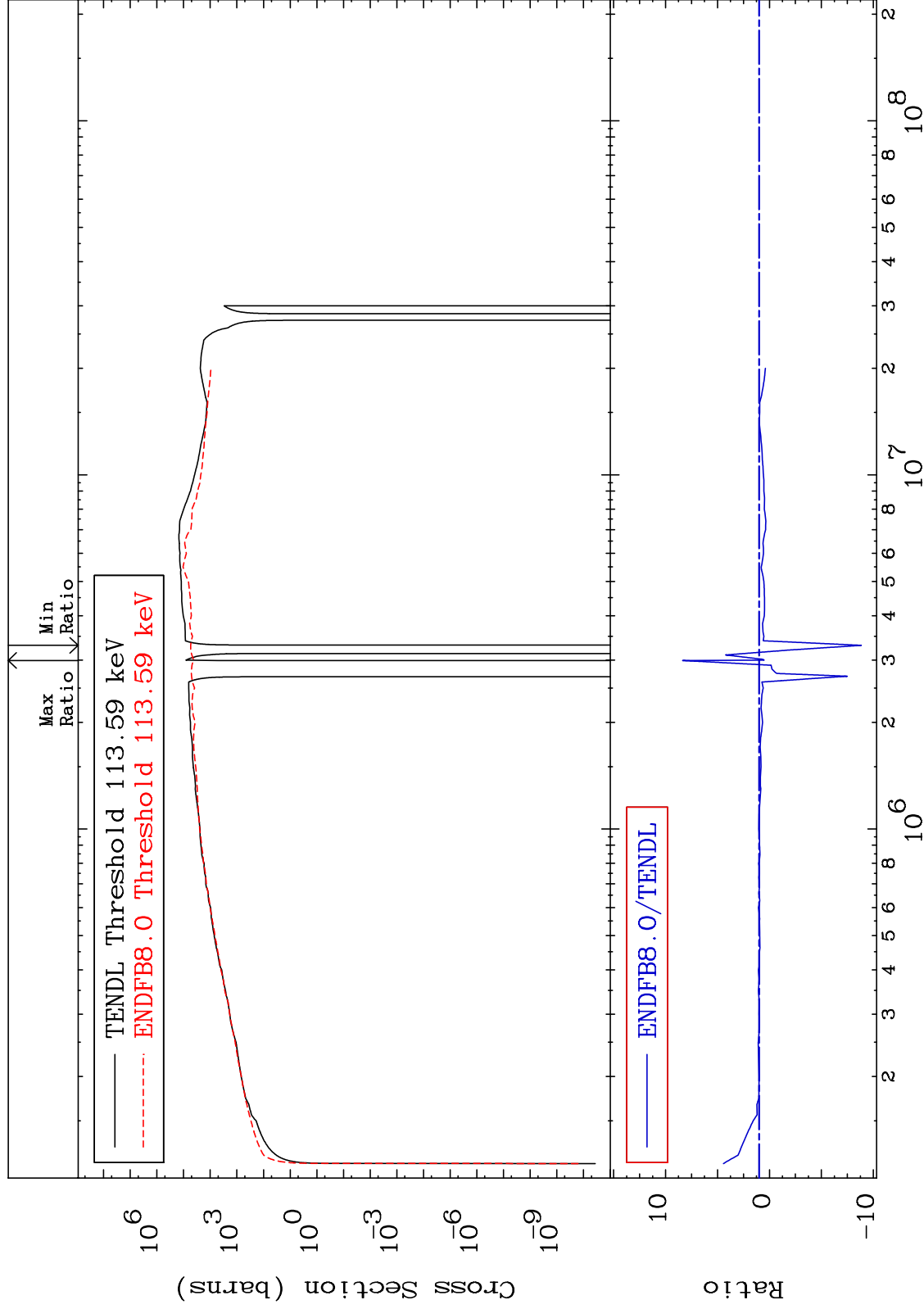
MAT 7234 Kerma non-elastic (all but mt2) Cross Section 72-Hf-177
 -994.0 To 720.1 %



MAT 7234

Kerma inelastic (mt51-91)
Cross Section

72-Hf-177
-984.4 To 735.3 %



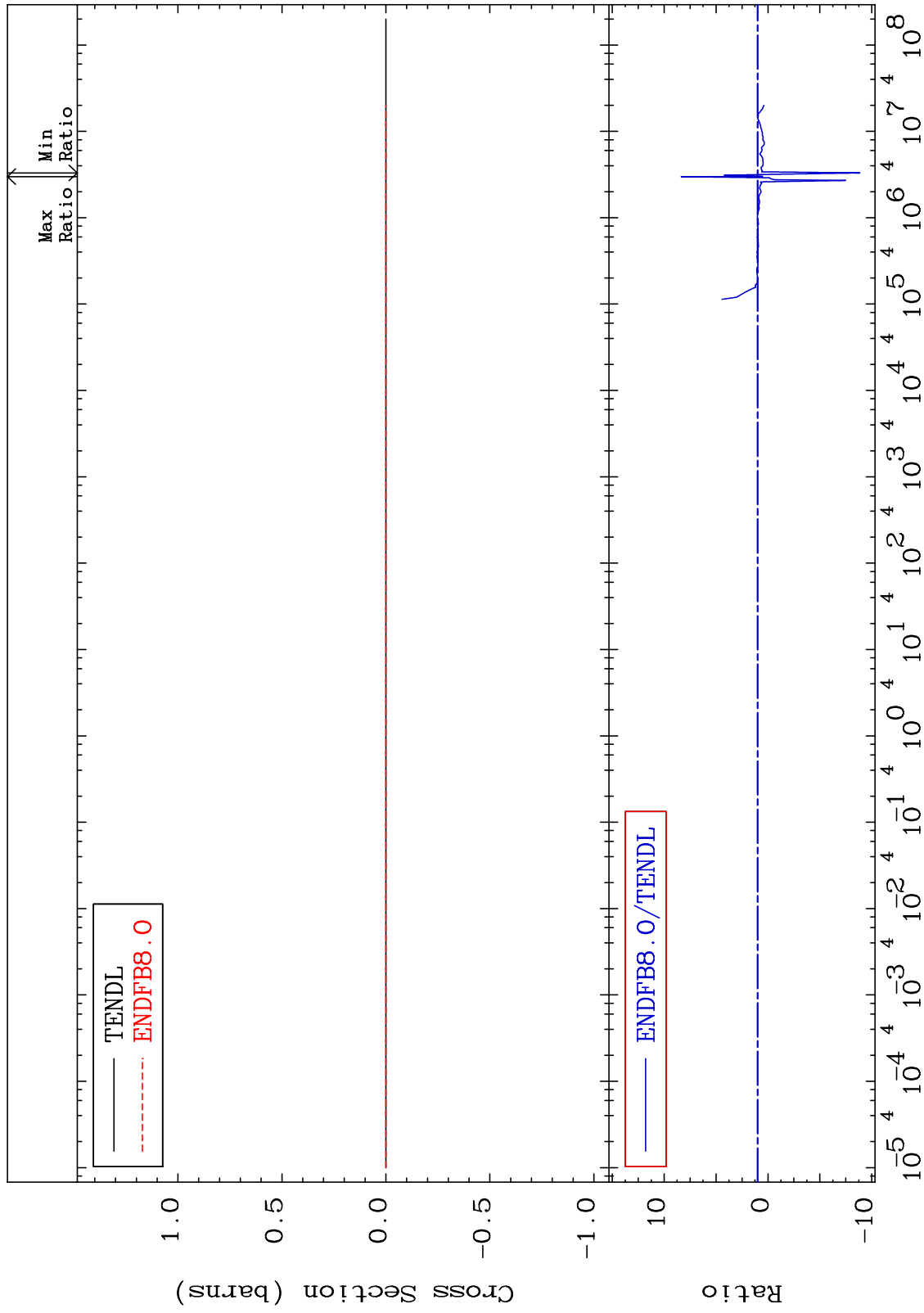
45

72-Hf-177

MAT 7234

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

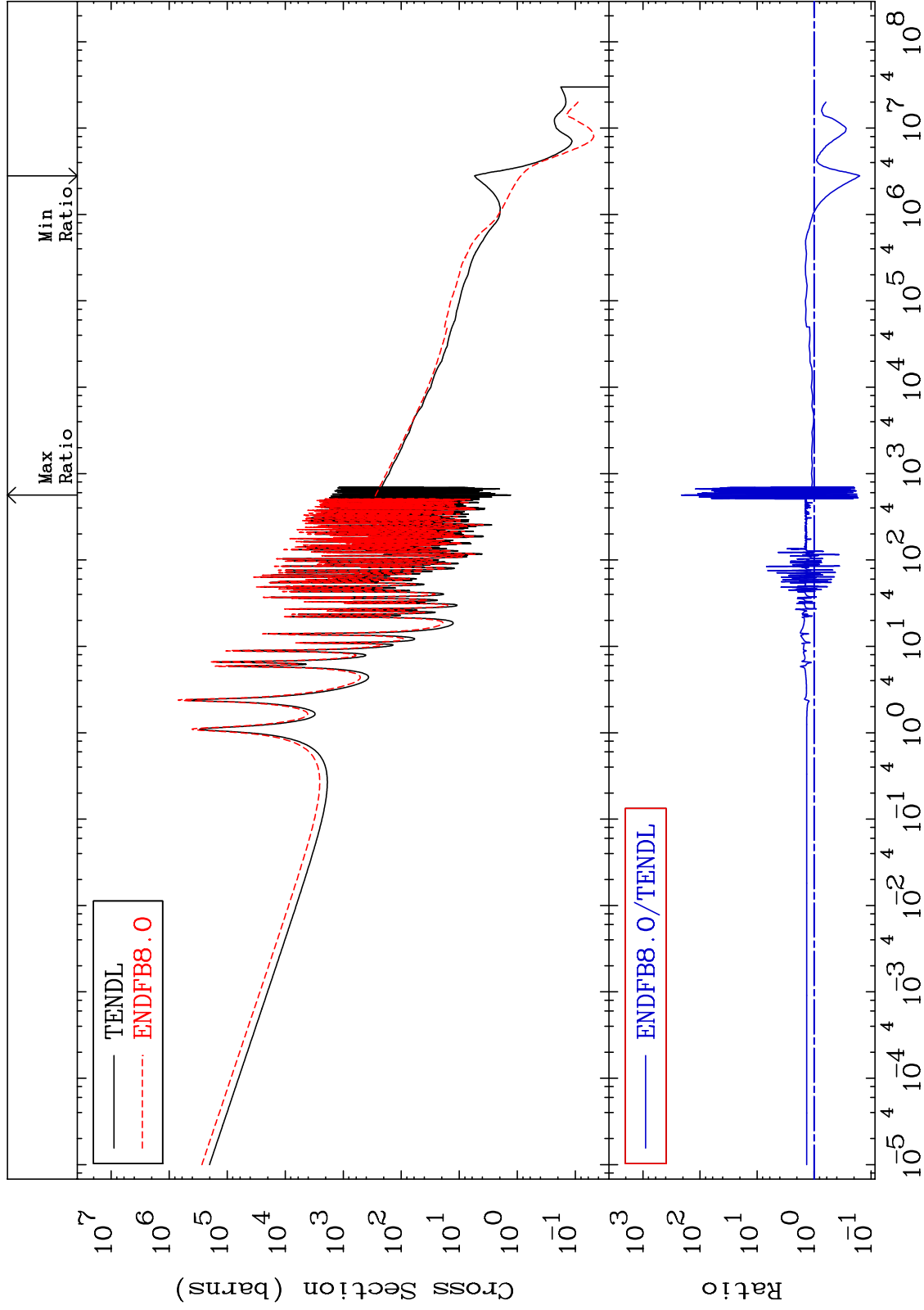
72-Hf-177
-984.4 To 735.3 %



MAT 7234

Kerma capture (mt102)
Cross Section

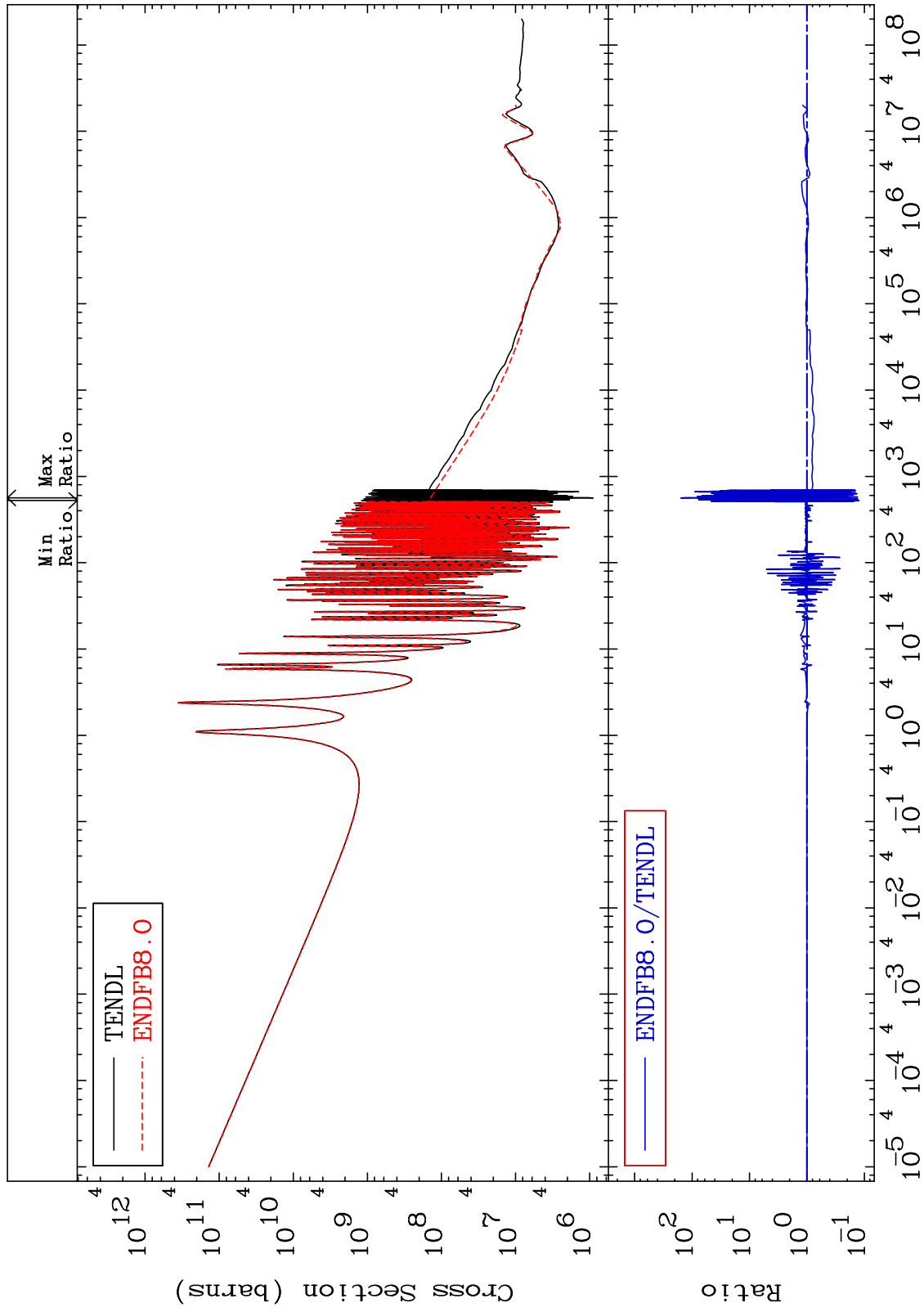
72-Hf-177
-84.17 To 9999. %



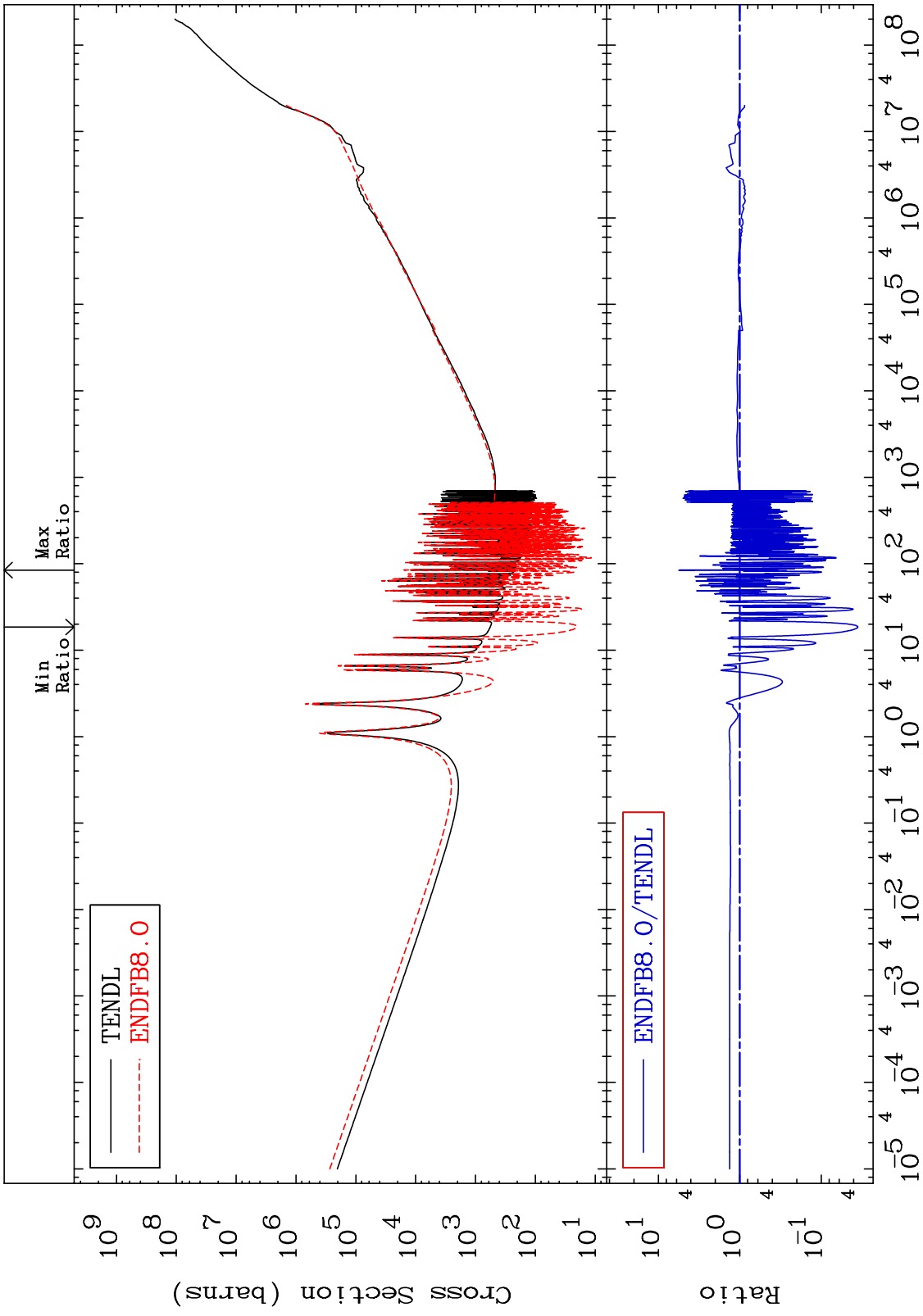
MAT 7234

Total photon (eV-barns)
Cross Section

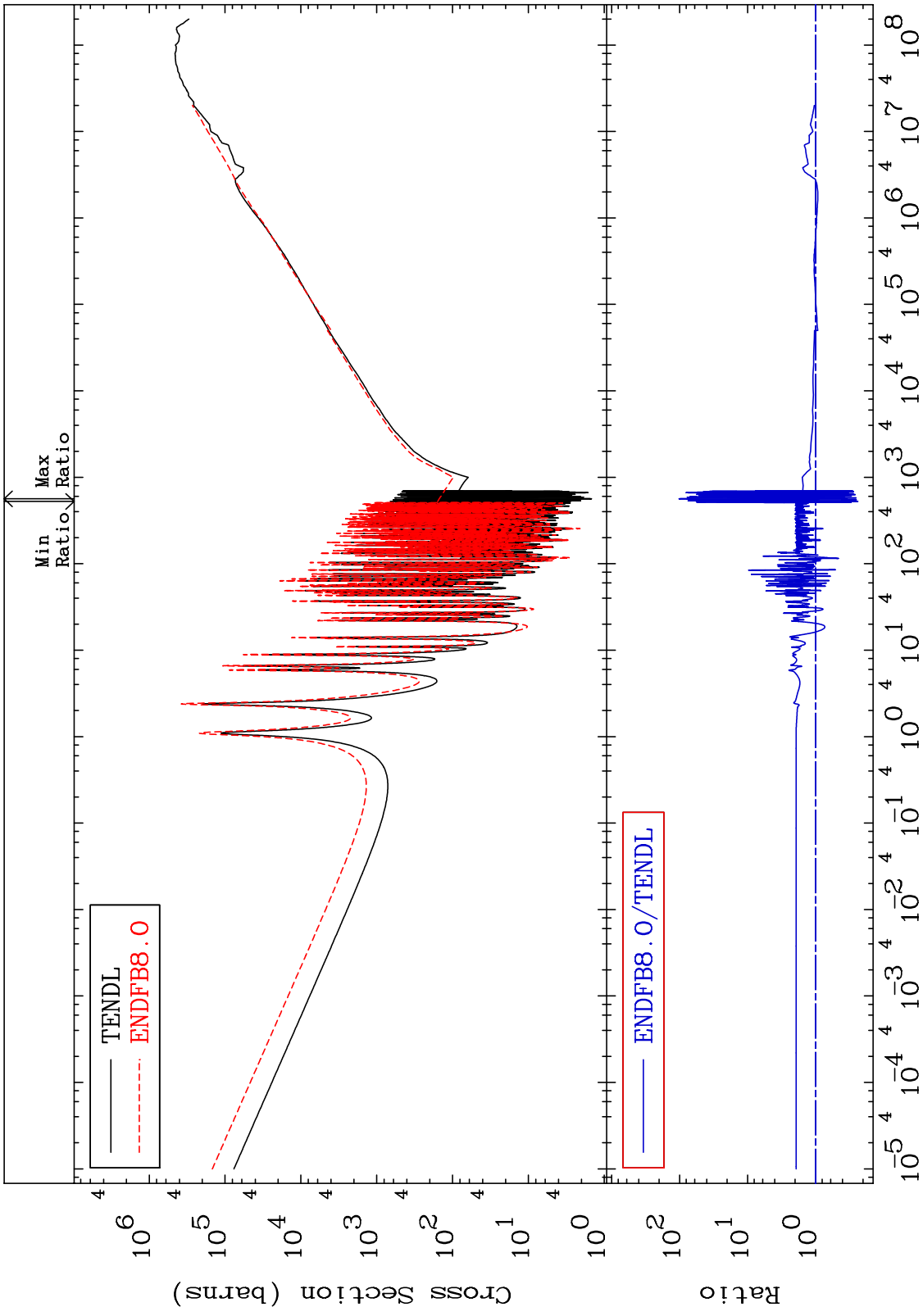
72-Hf-177
-87.59 To 9999. %



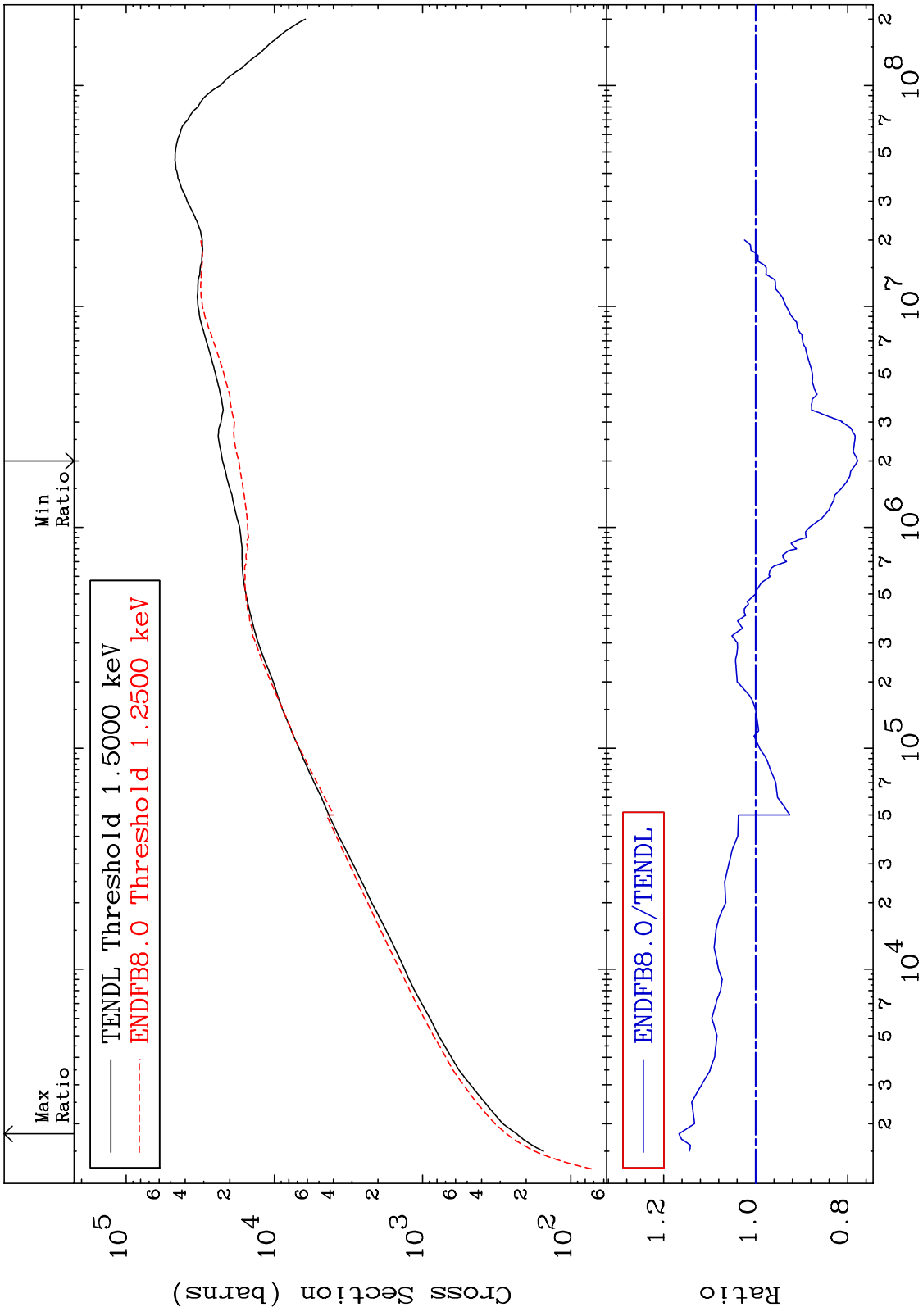
MAT 7234 Total kinematic kerma (high limit) 72-Hf-177
 Cross Section -96.46 To 459.1 %



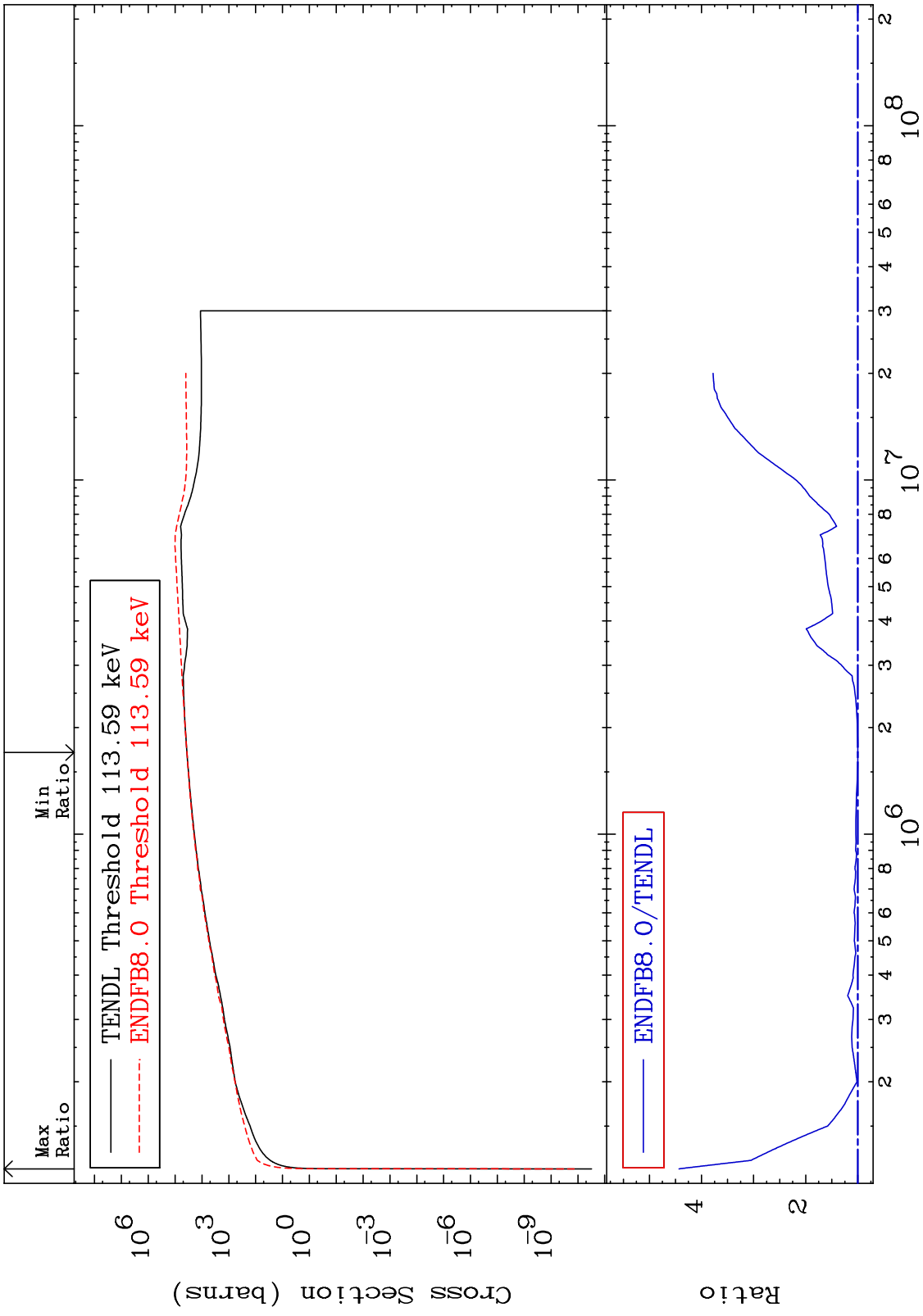
MAT 7234 Dpa total (eV-barns) 72-Hf-177
 Cross Section -76.13 To 9999. %



MAT 7234 72-Hf-177
 Dpa elastic (mt2) -22.21 To 16.65 %
 Cross Section



MAT 7234 Dpa inelastic (mt51-91) 72-Hf-177
 Cross Section 0.007 To 343.1 %



MAT 7234 Dpa disappearance (mt102 -120) 72-Hf-177
 Cross Section -86.71 To 9999. %

