

Program Complot
(Version 2021-1)

by

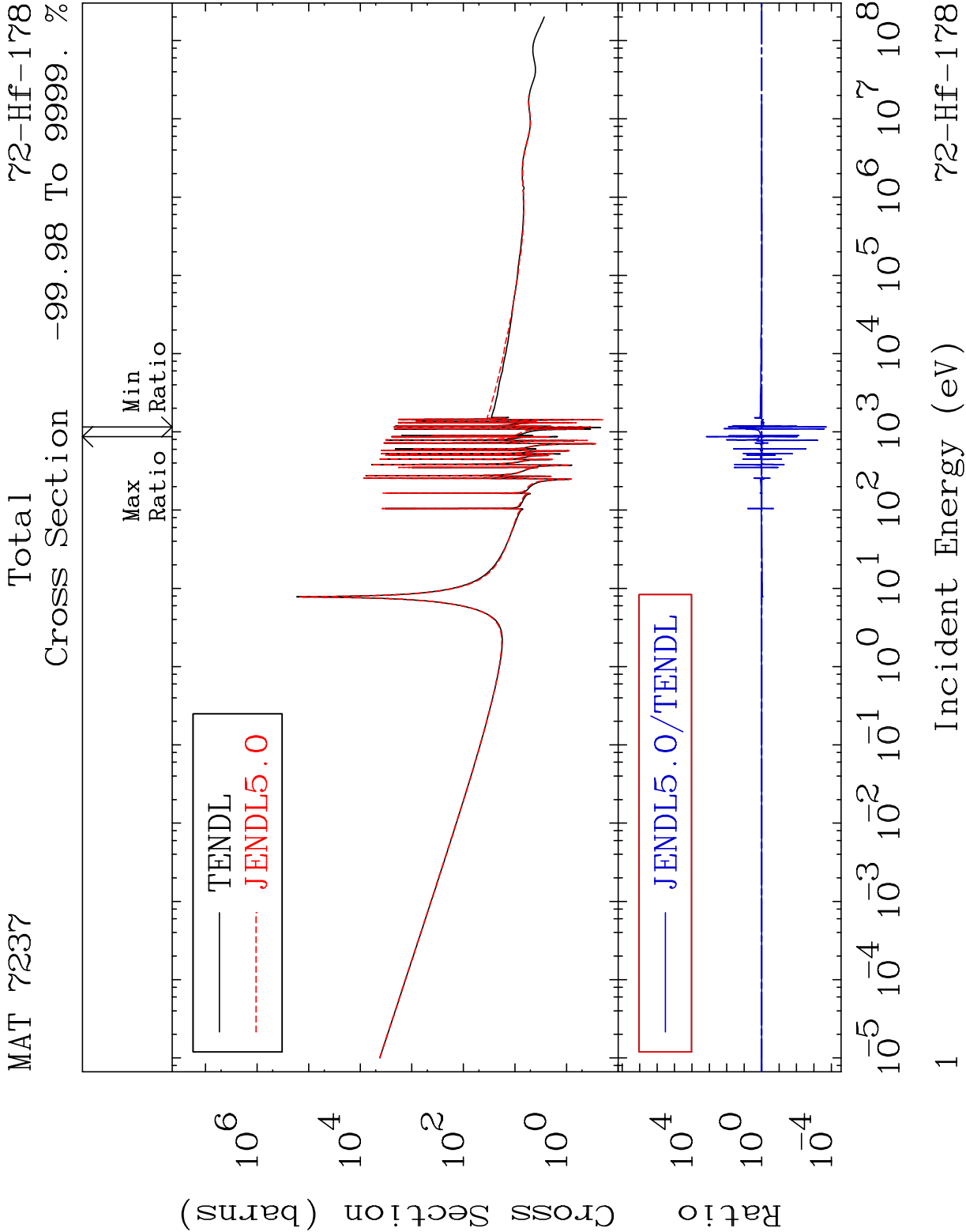
Dermott E. Cullen
(Present Contact Information)

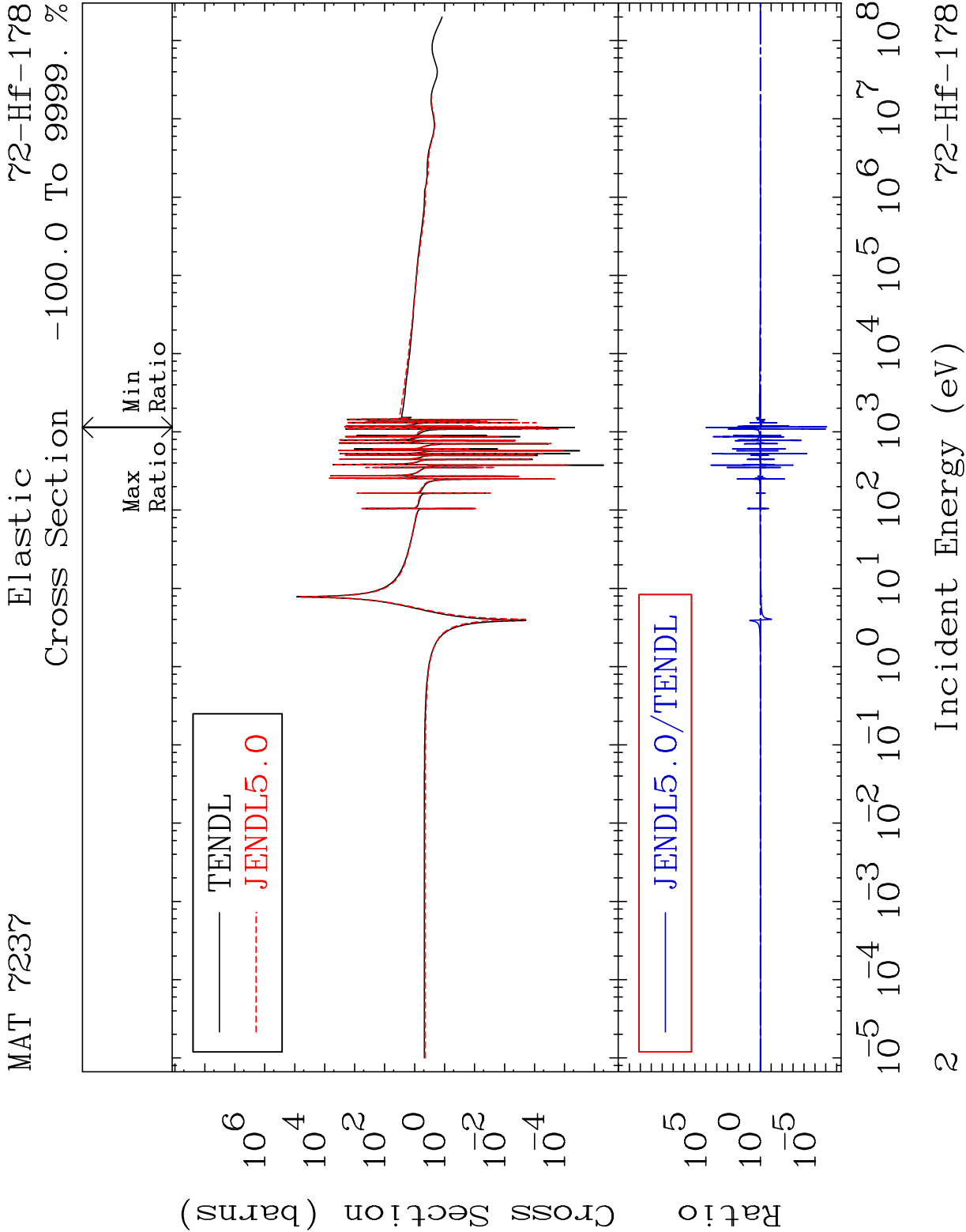
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

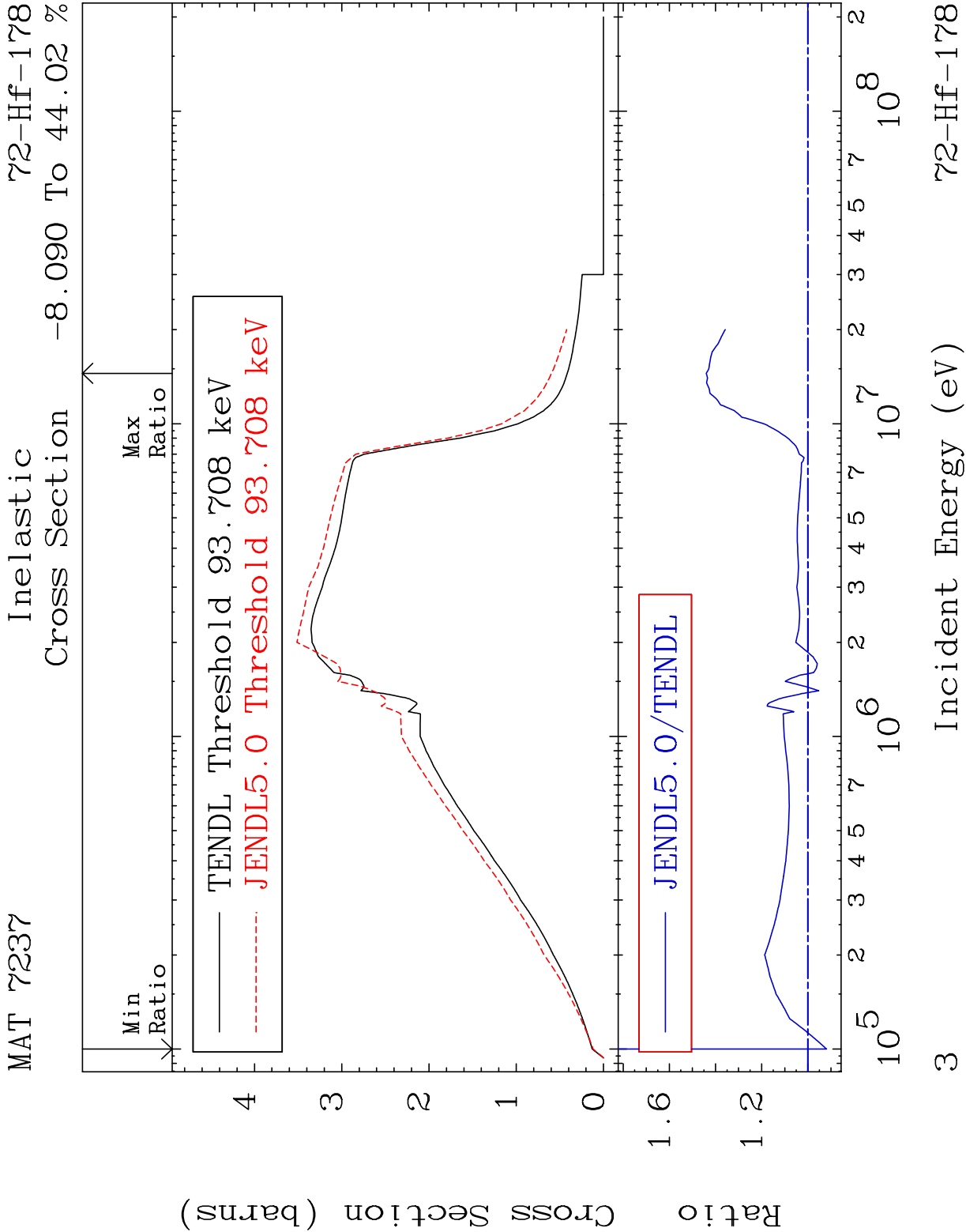
Tele: 925-443-1911

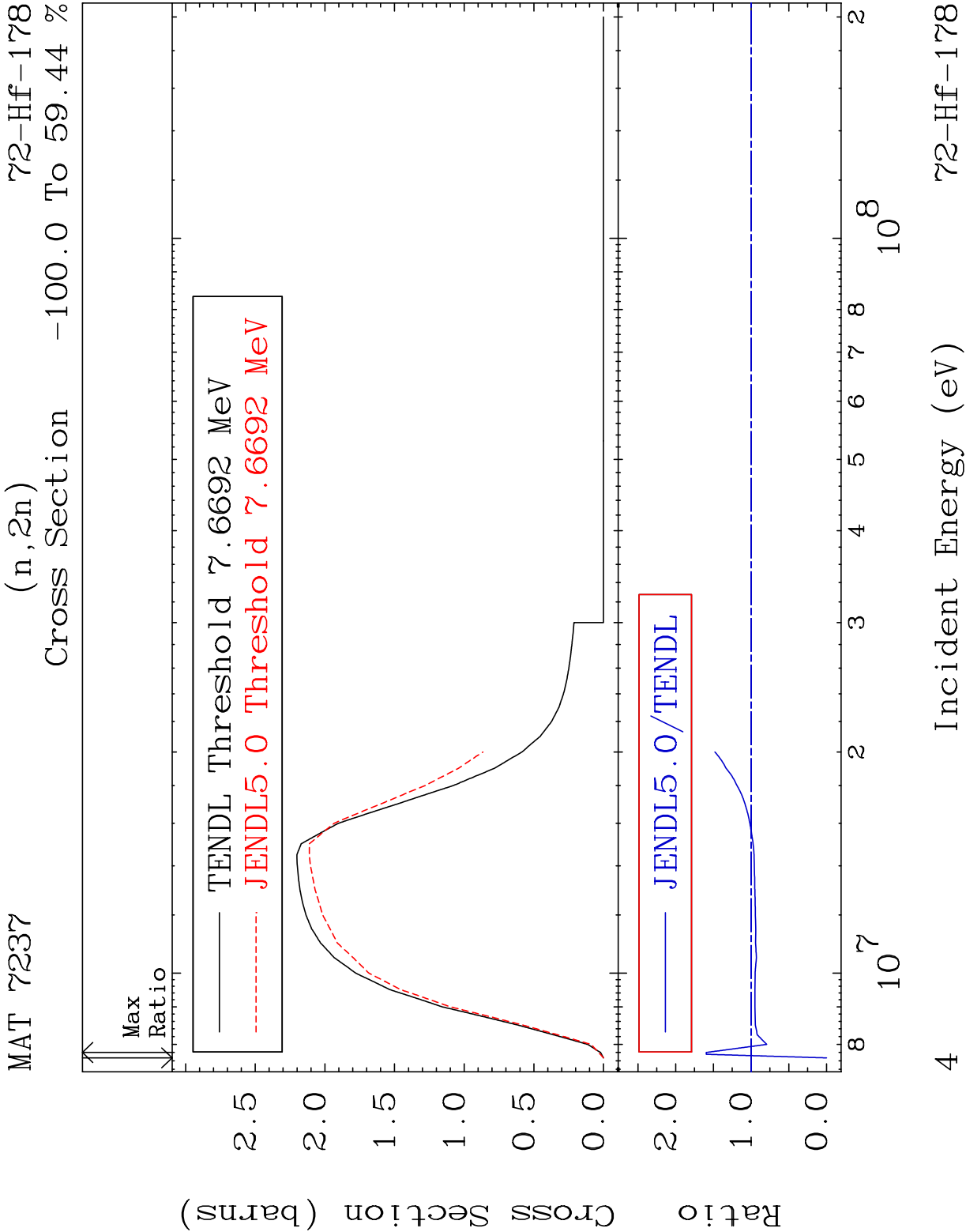
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

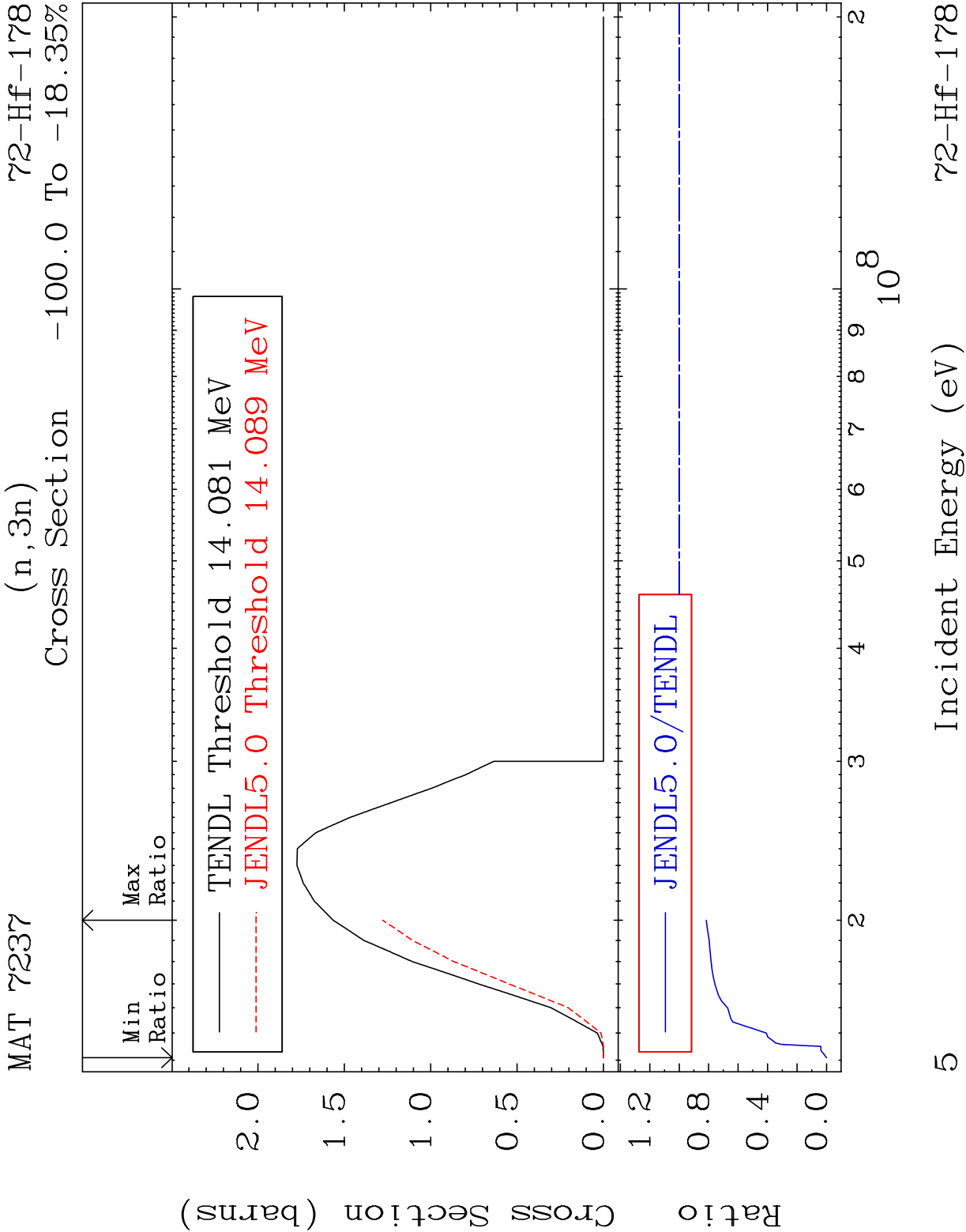
Press Mouse Button to Start

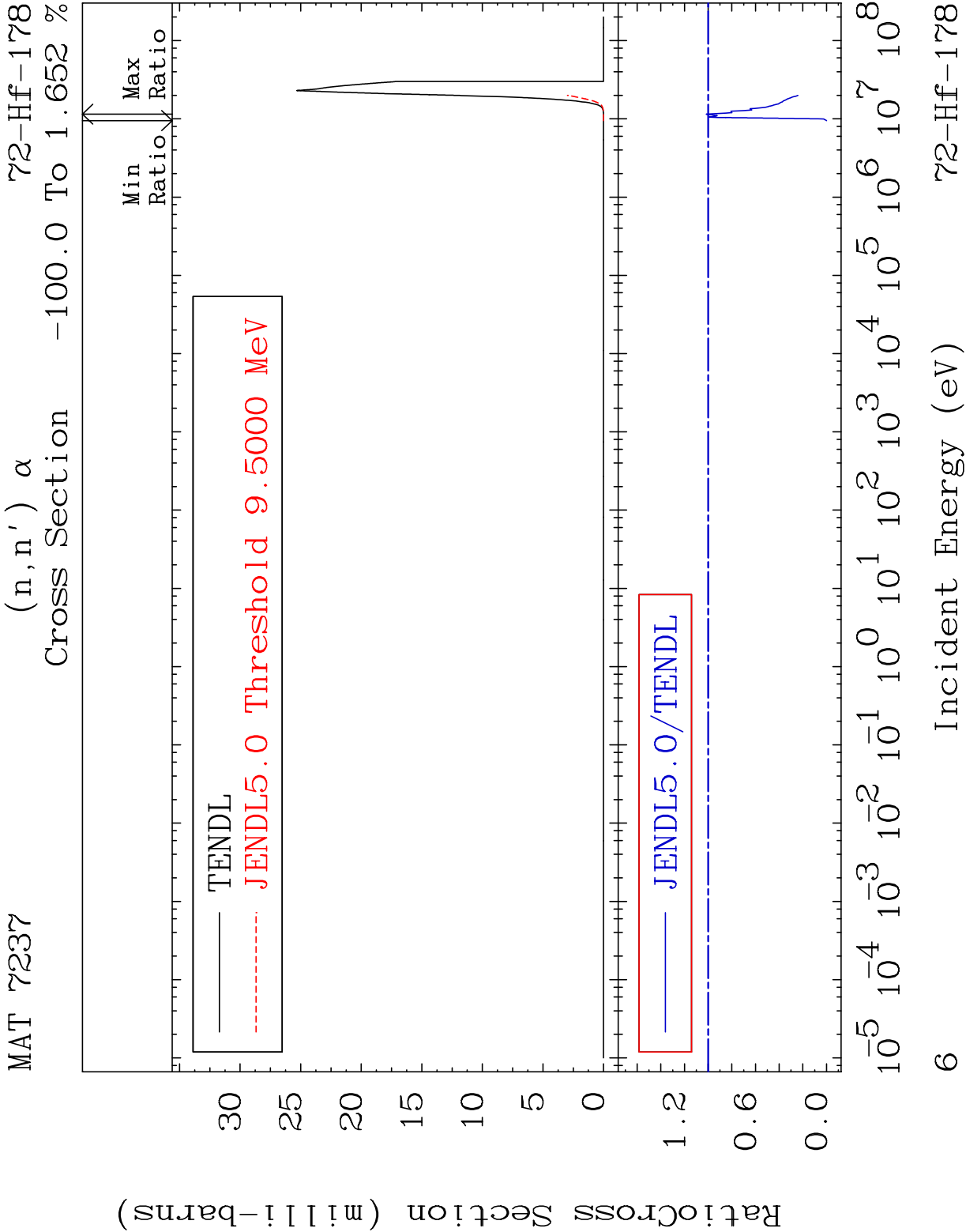


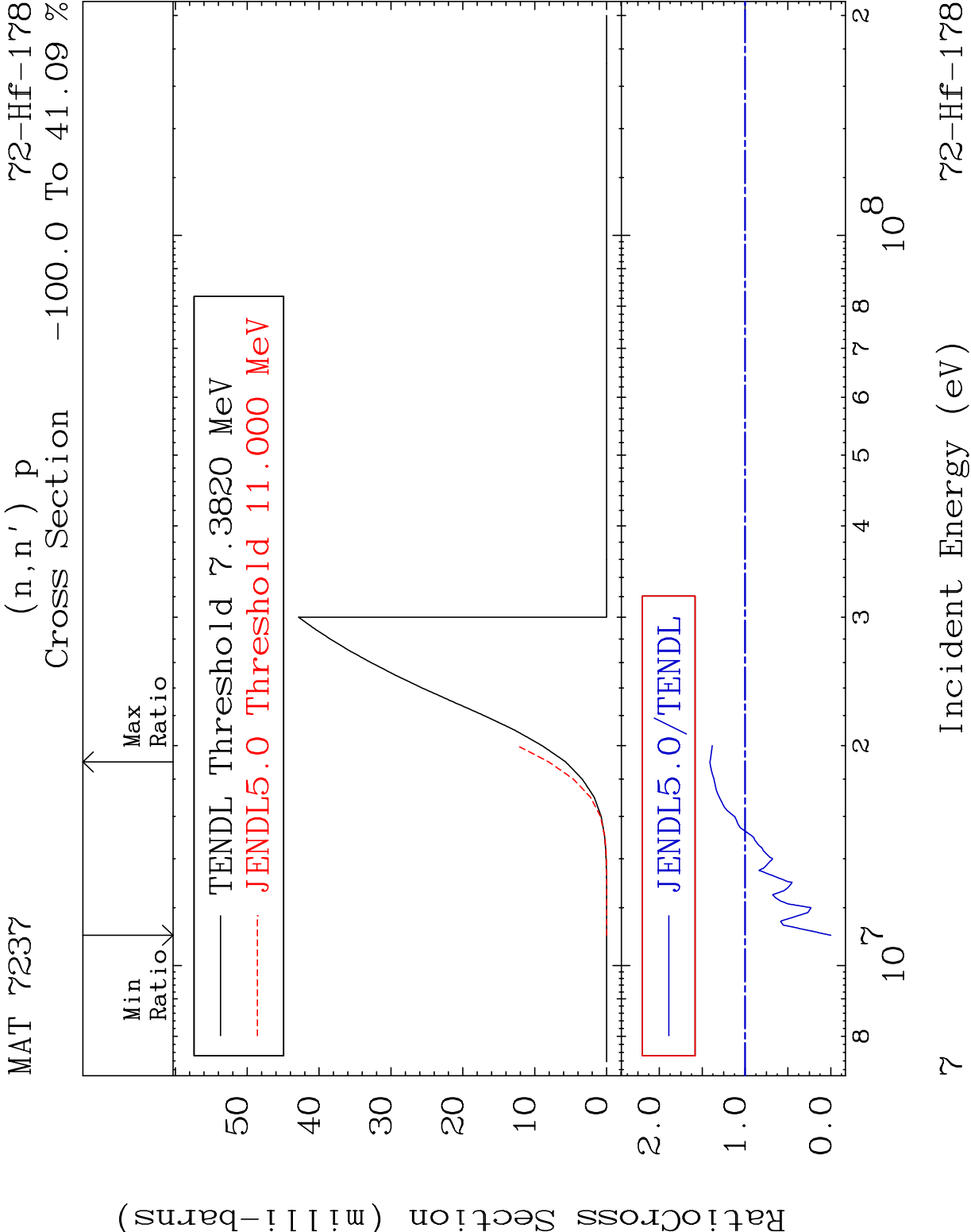


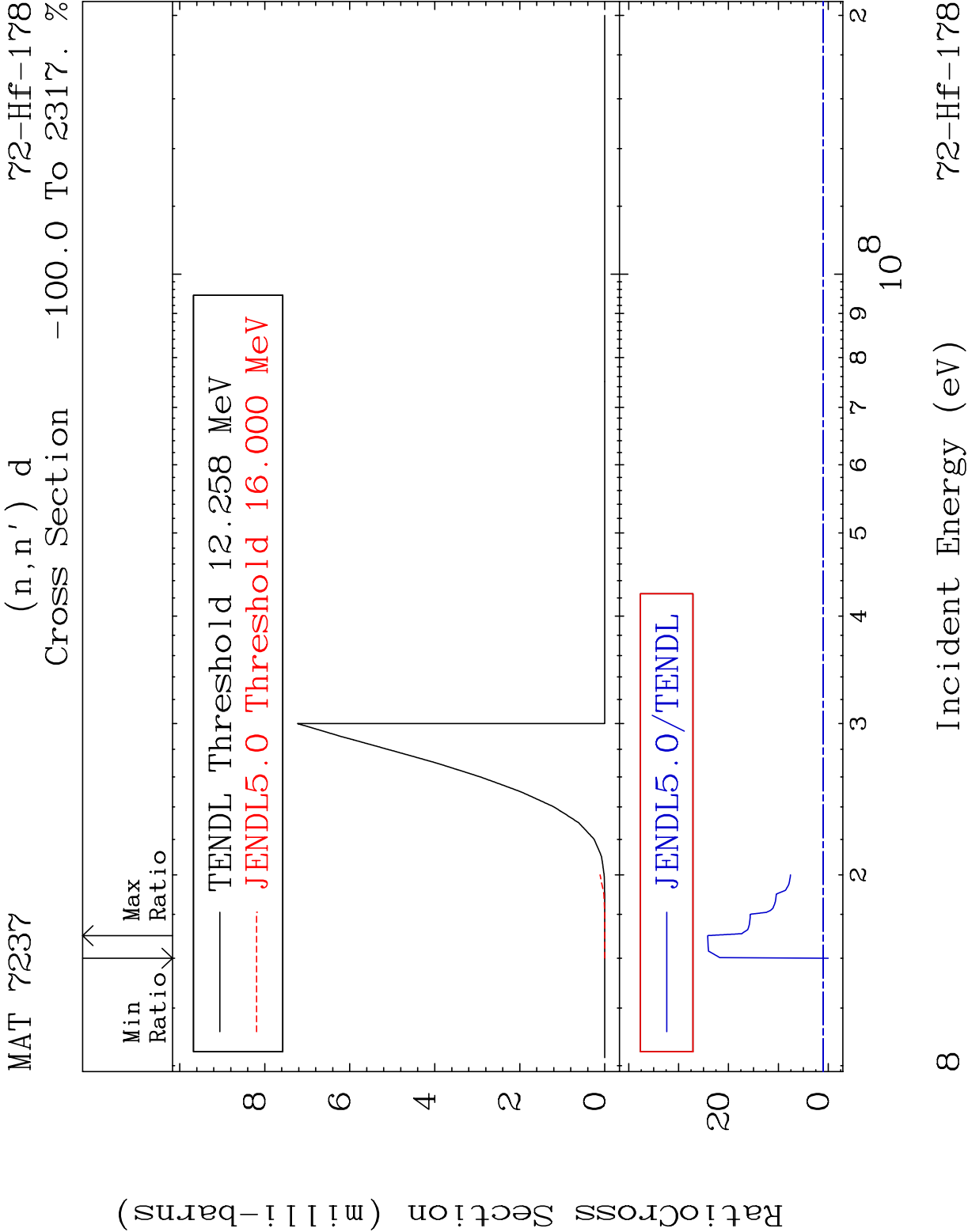




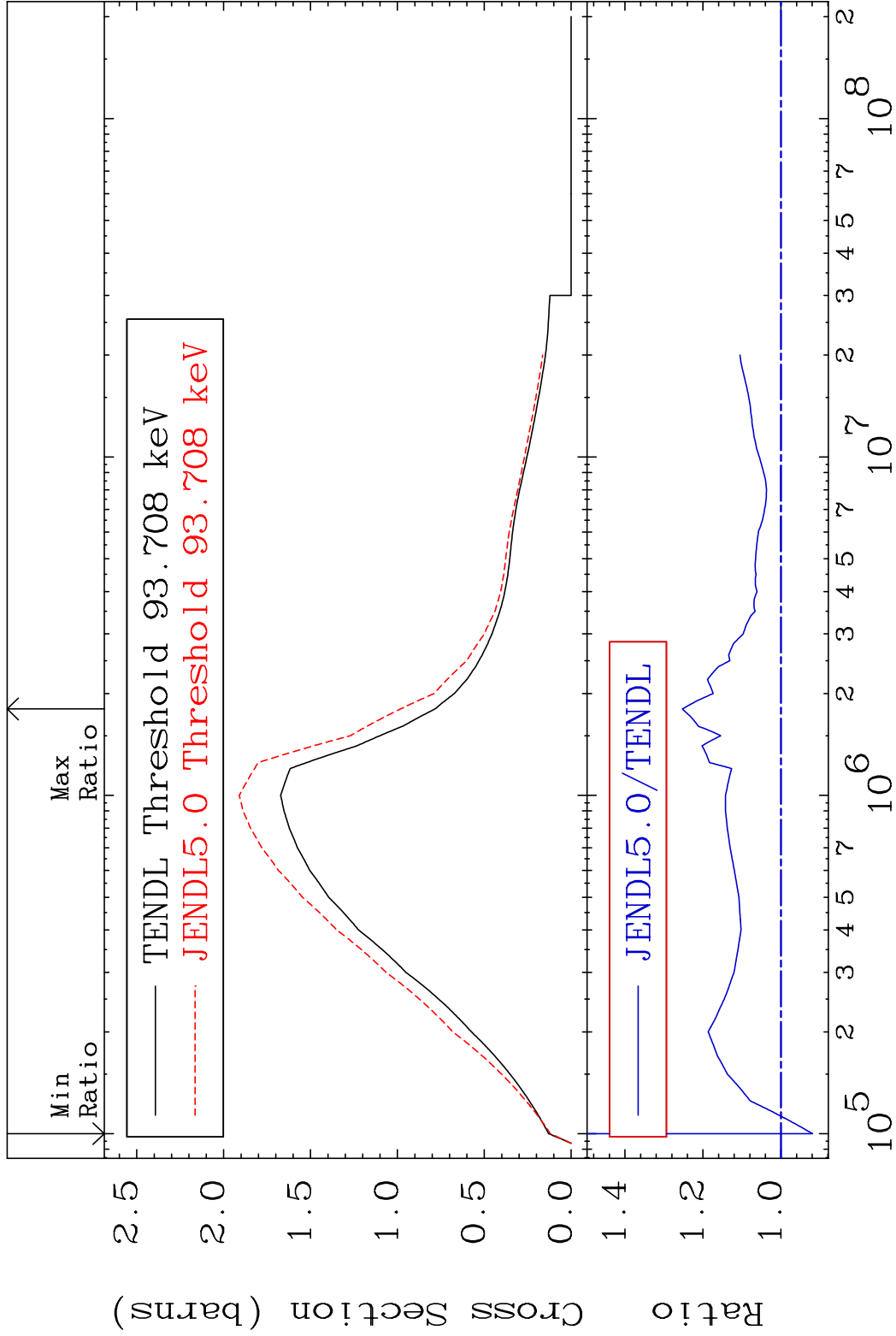








MAT 7237 MT= 51 (n,n') Level 72-Hf-178
Cross Section -8.090 To 25.29 %



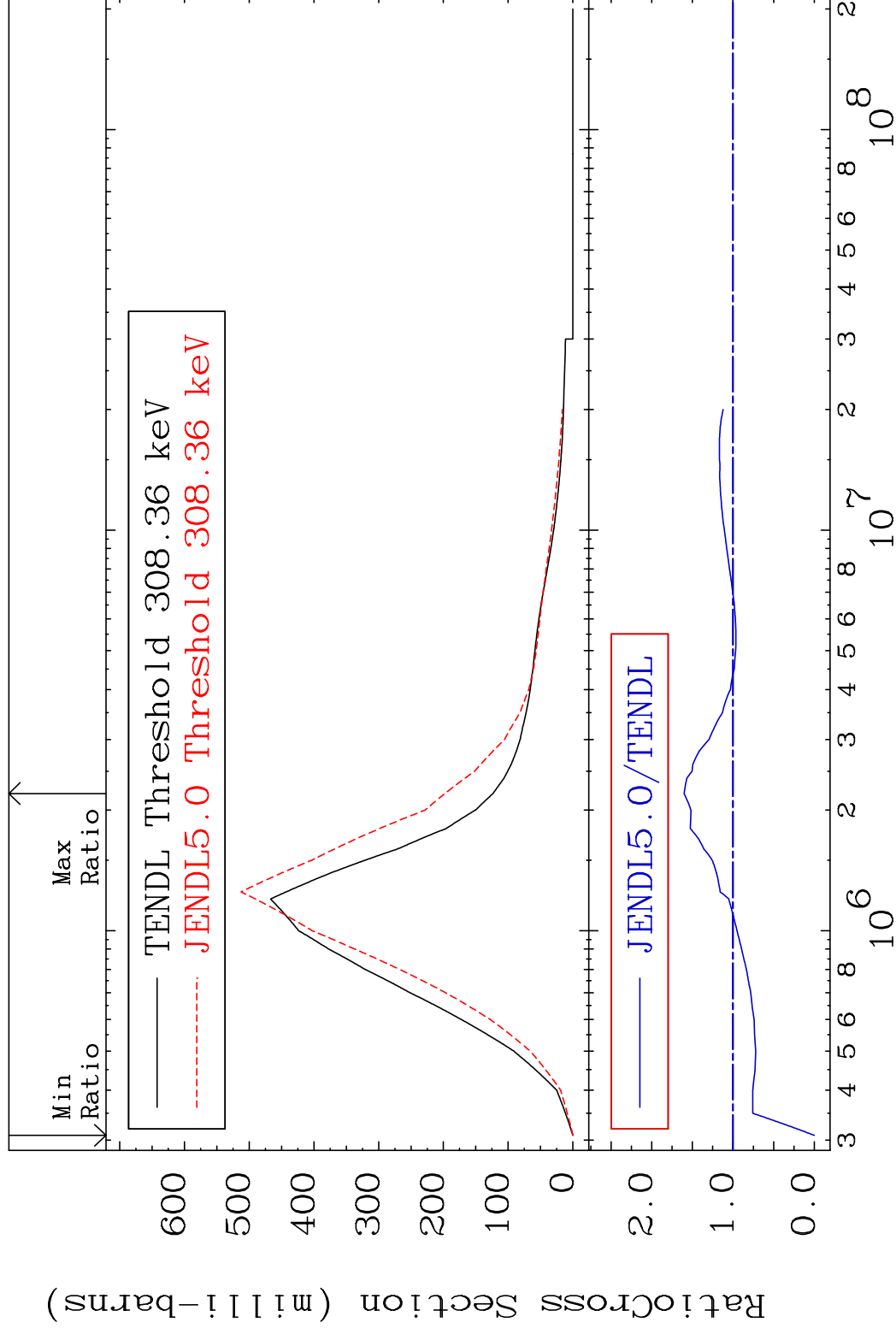
9 Incident Energy (eV) 72-Hf-178

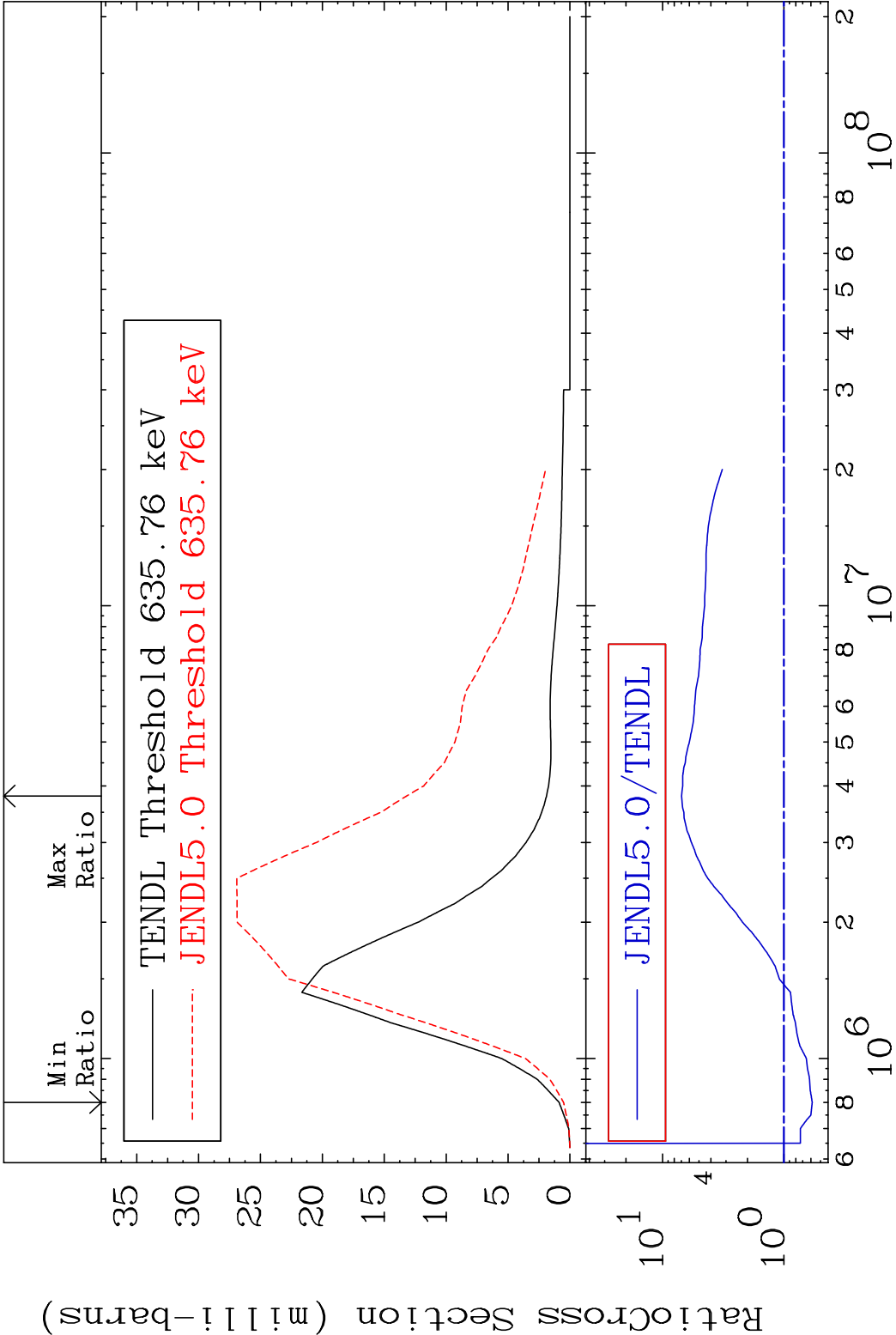
MAT 7237

MT= 52 (n, n') Level

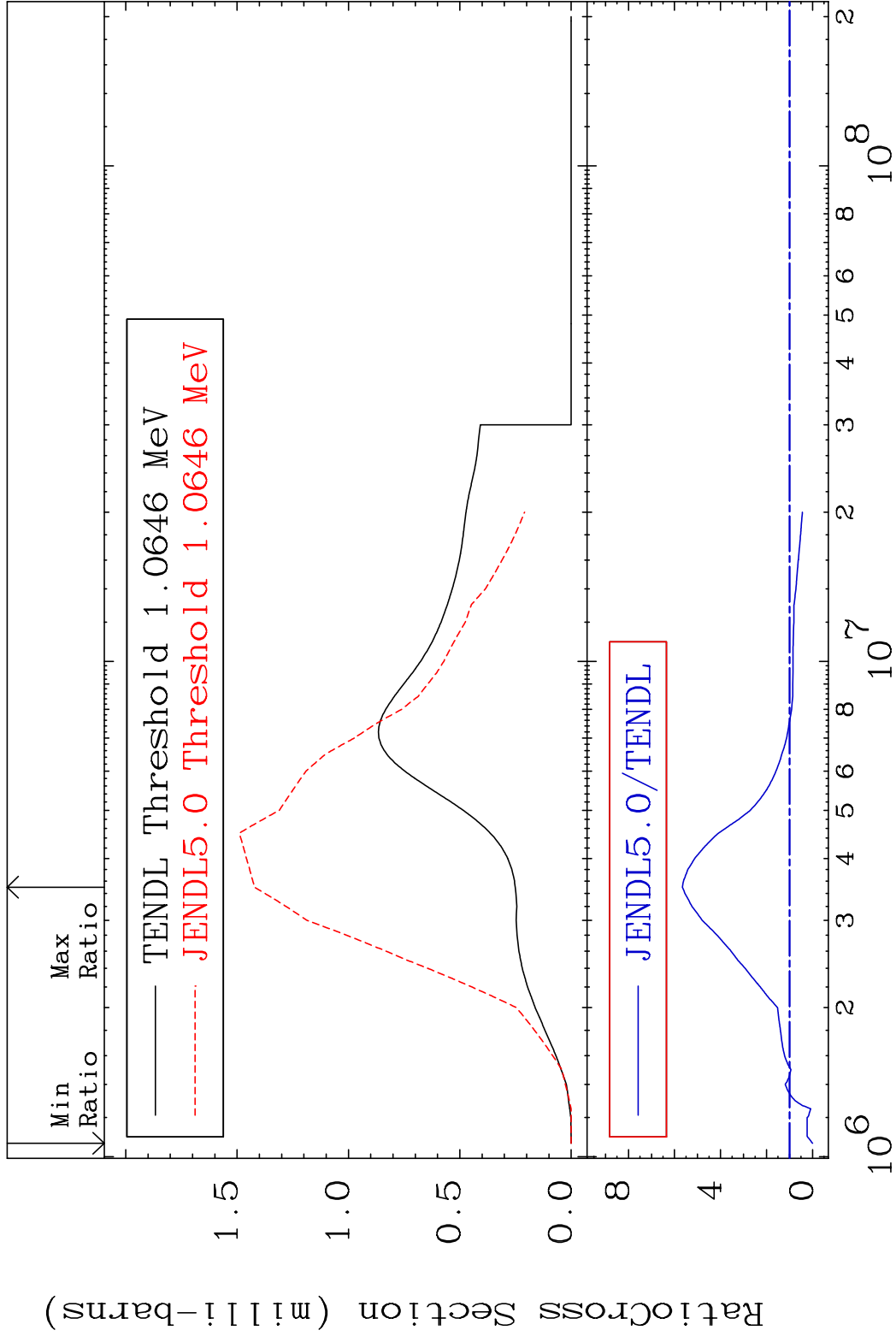
72-Hf-178

Cross Section -100.0 To 60.25 %

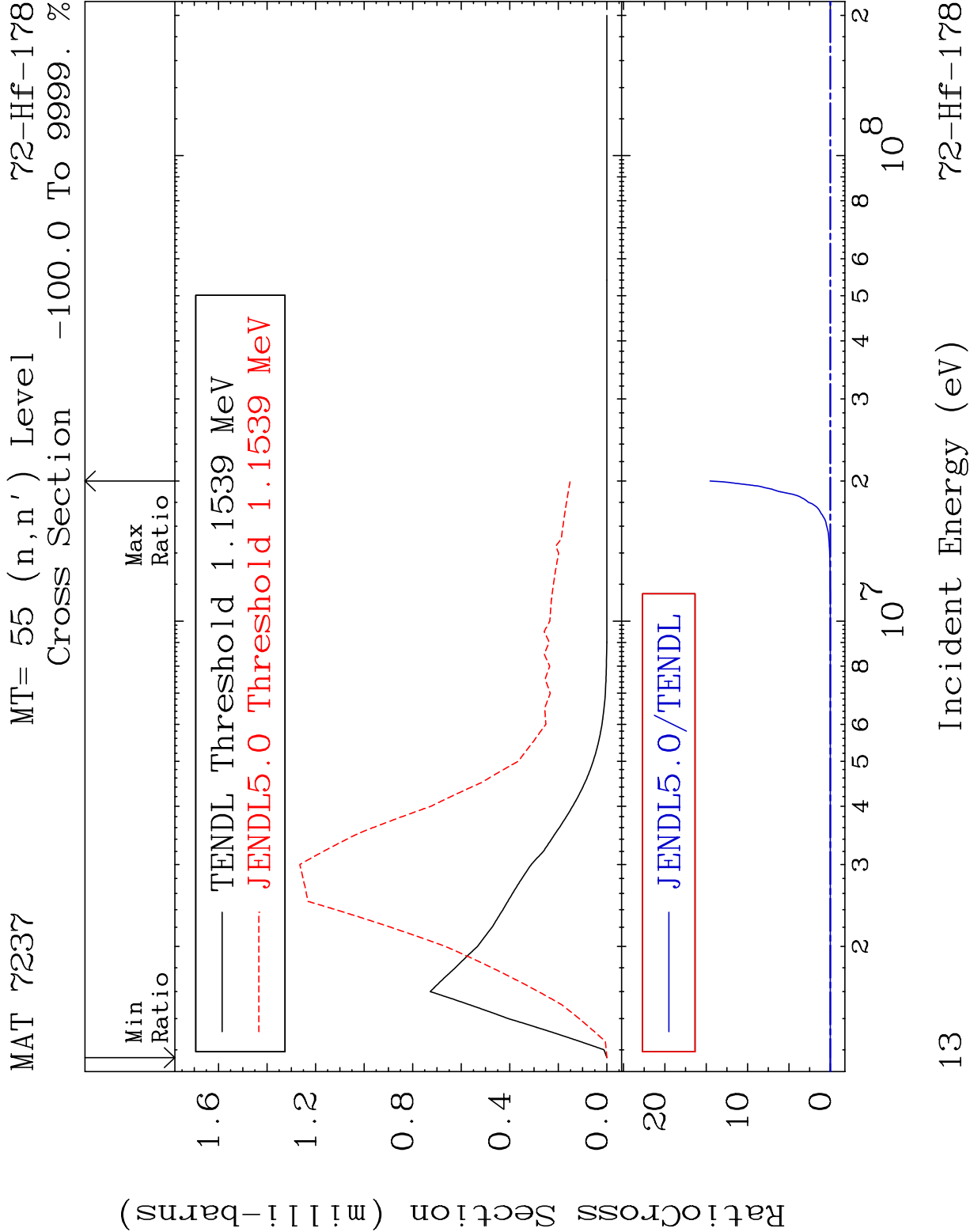


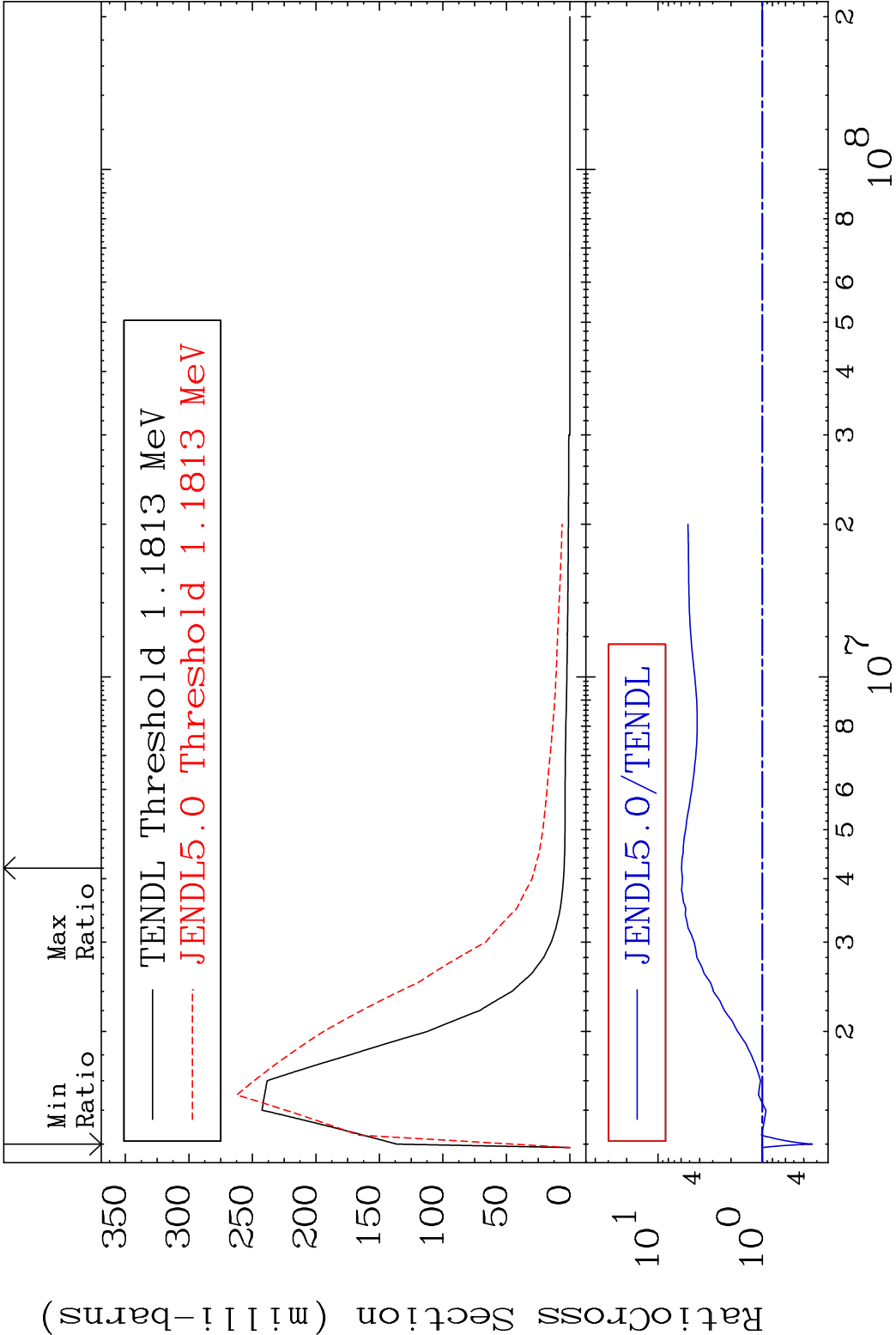


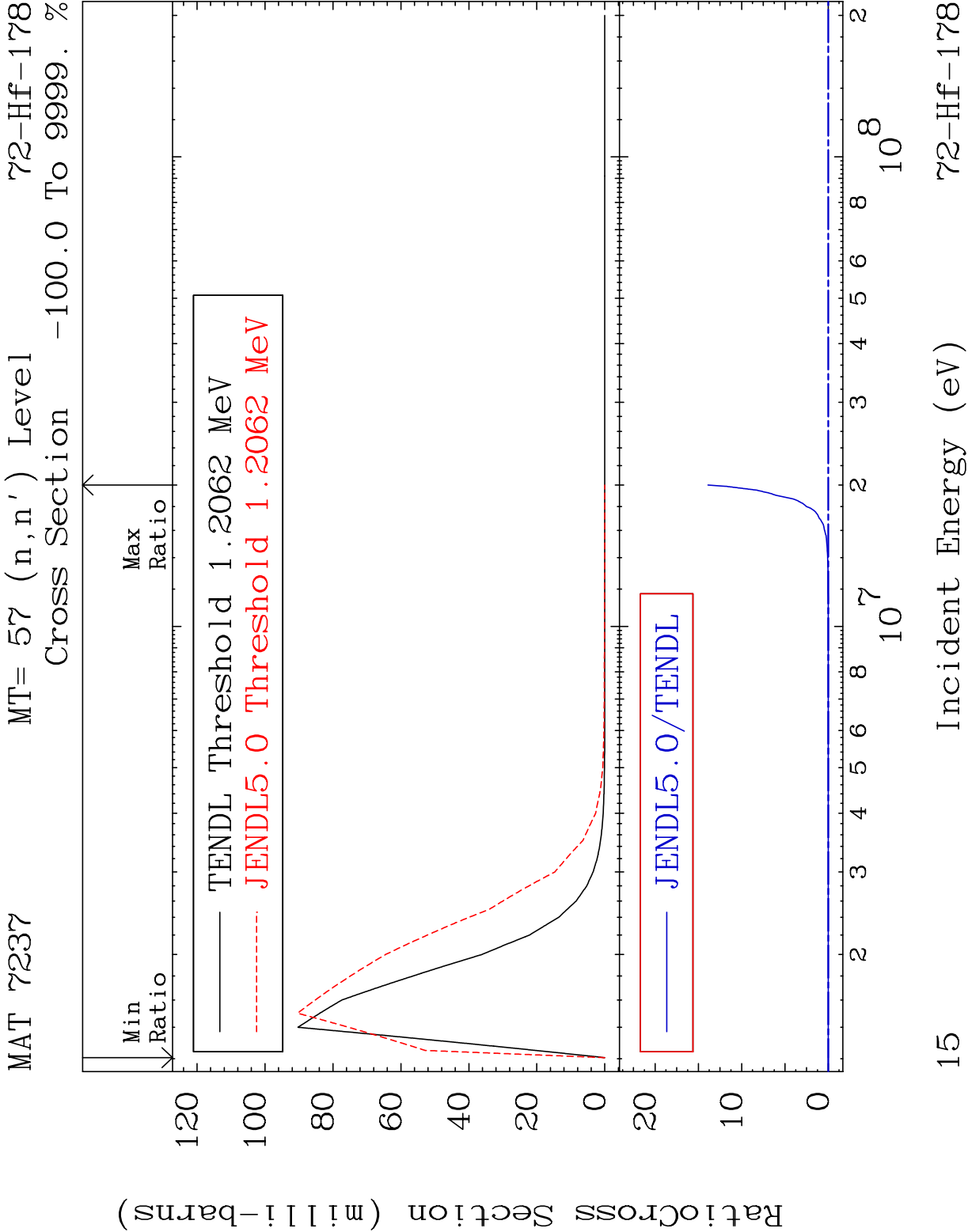
MAT 7237 MT= 54 (n,n') Level 72-Hf-178
Cross Section -100.0 To 465.9 %

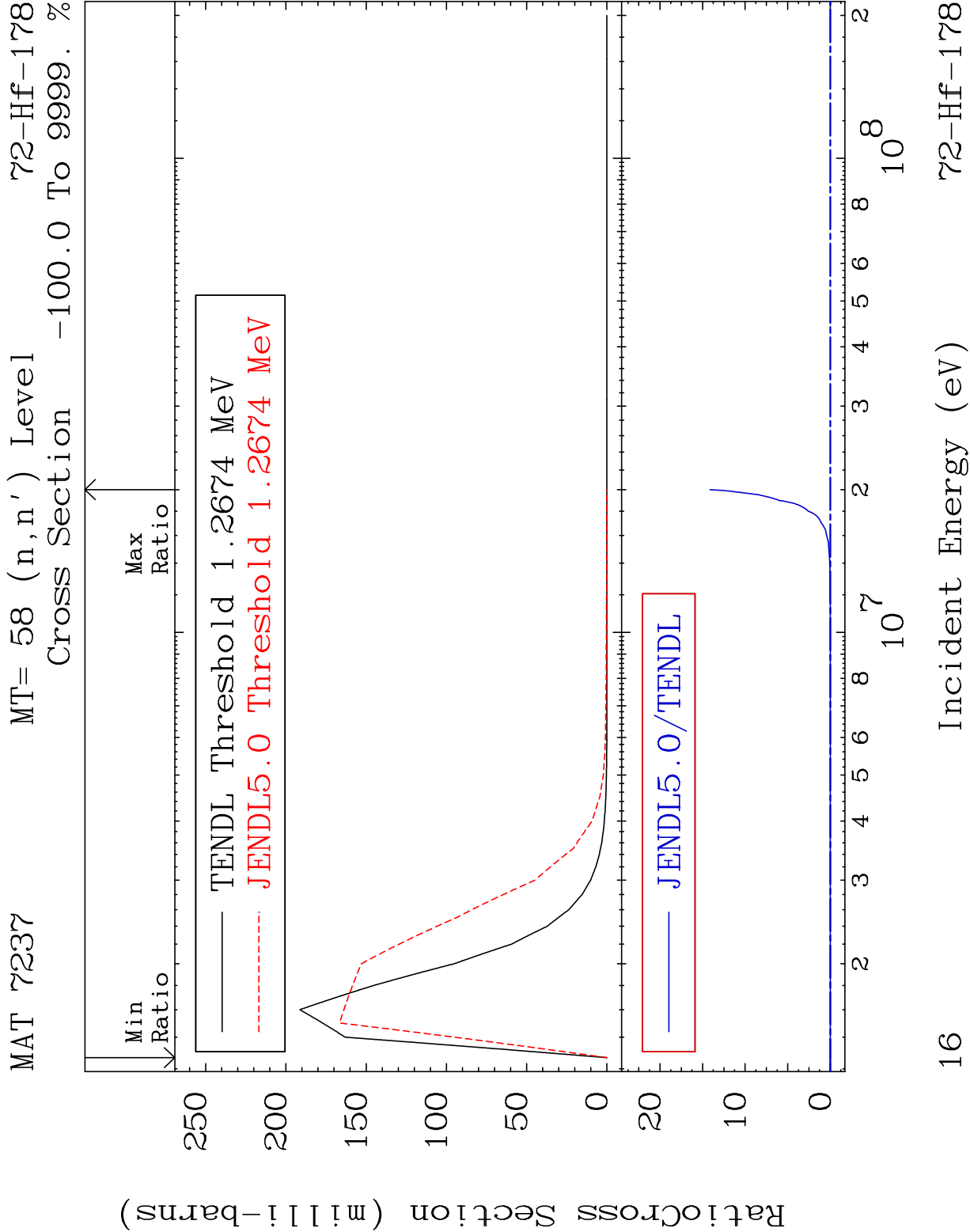


Incident Energy (eV) 72-Hf-178

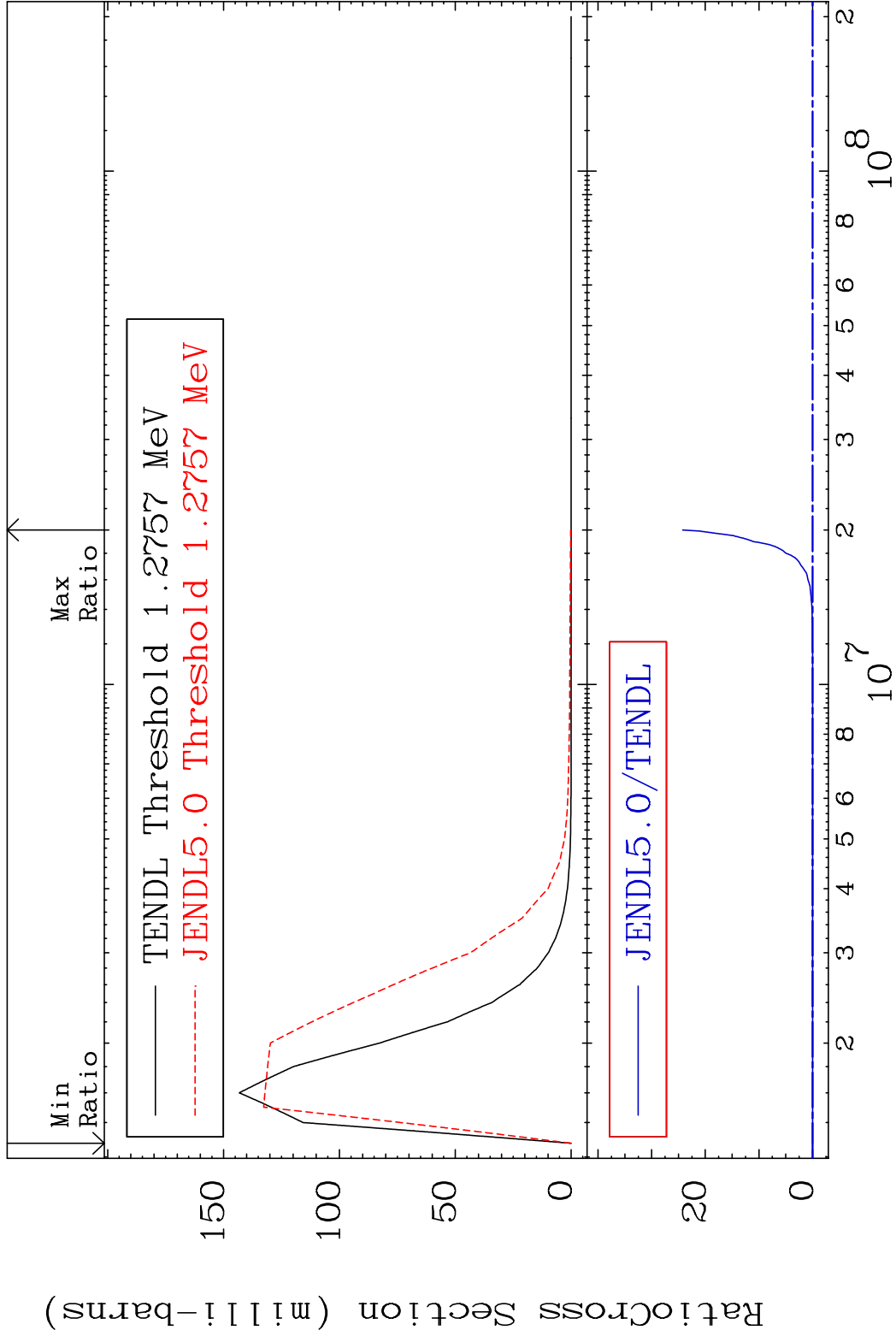




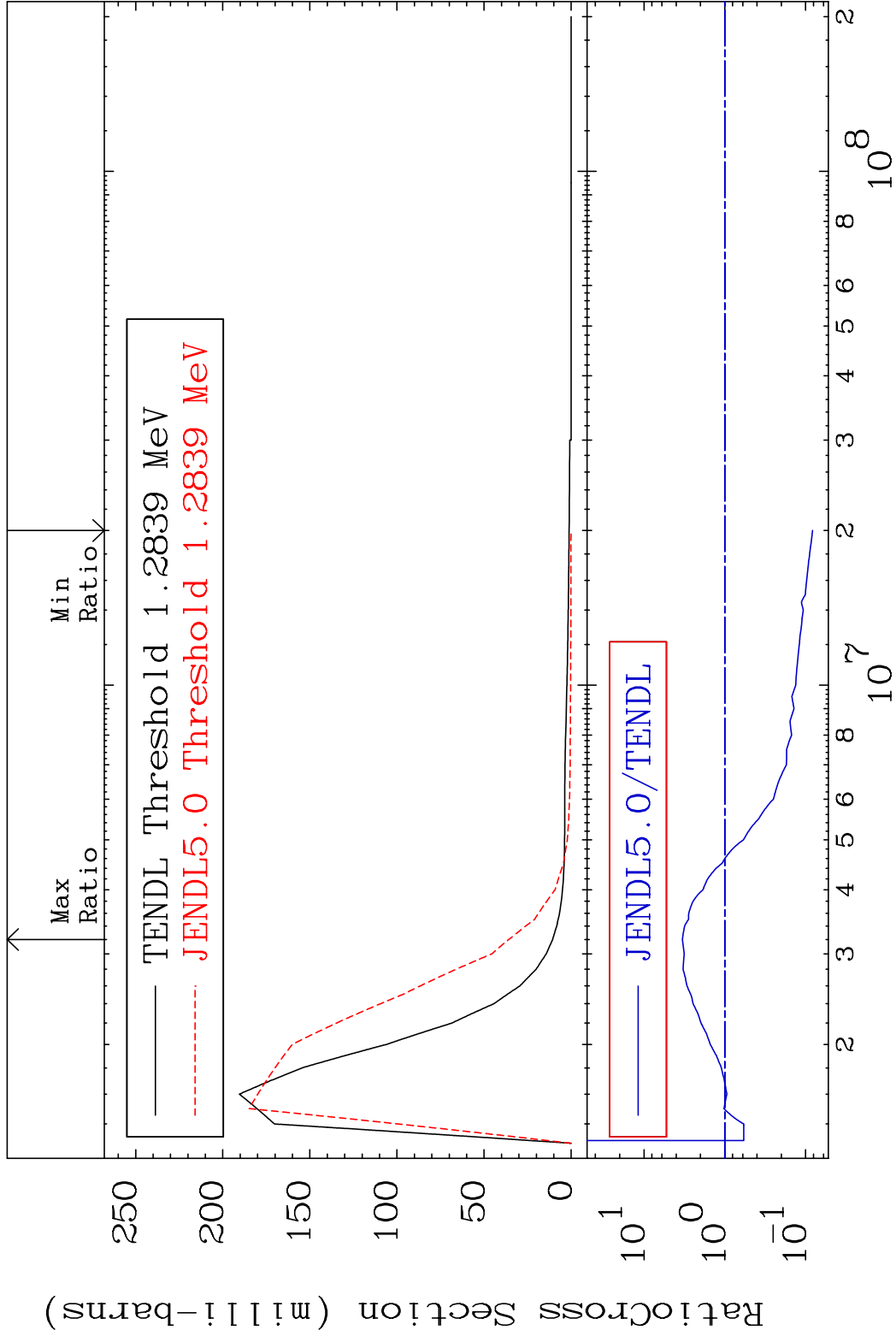




MAT 7237 MT= 59 (n,n') Level 72-Hf-178
Cross Section -100.0 To 9999. %



MAT 7237 MT= 60 (n,n') Level 72-Hf-178
Cross Section -91.79 To 235.3 %

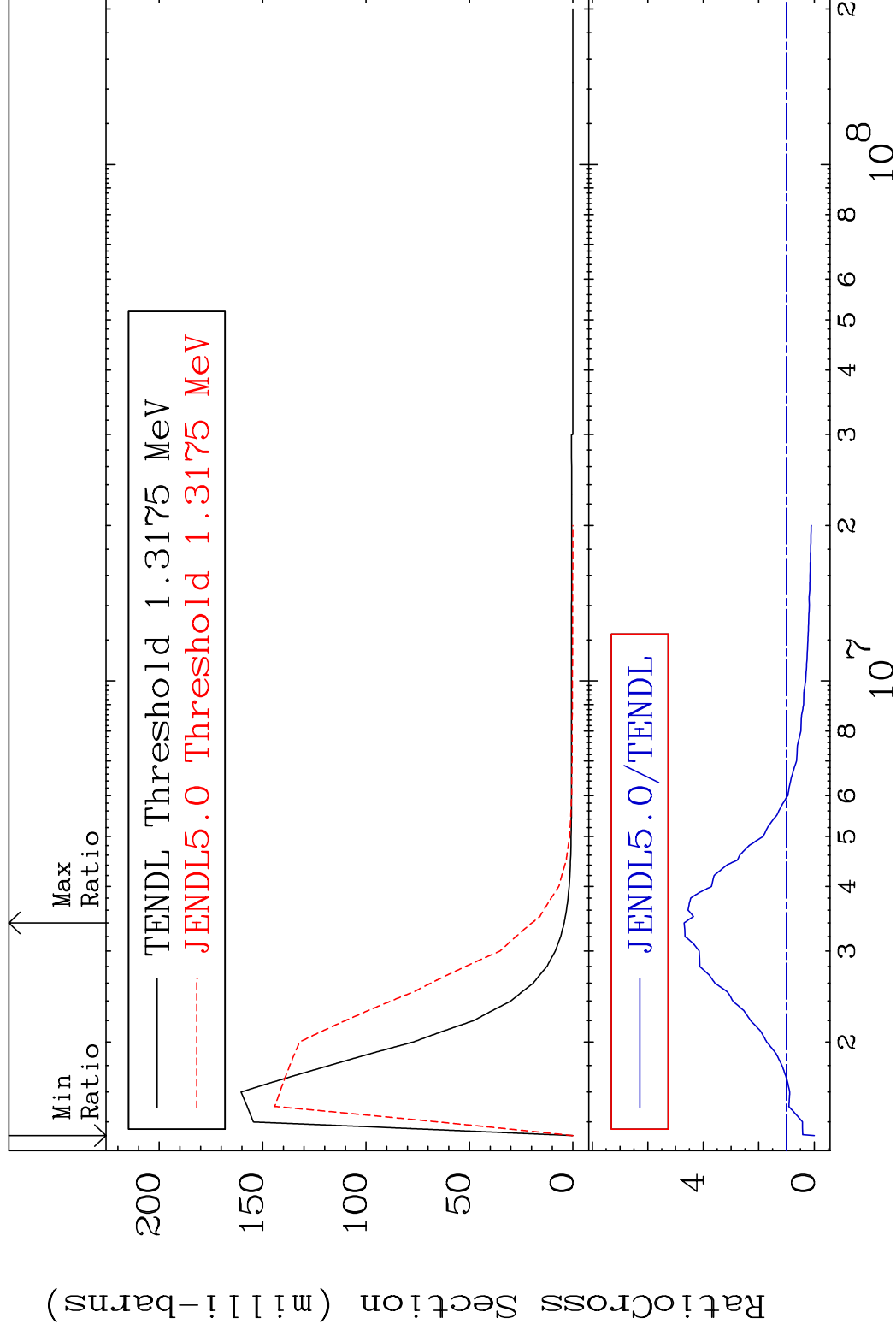


MAT 7237

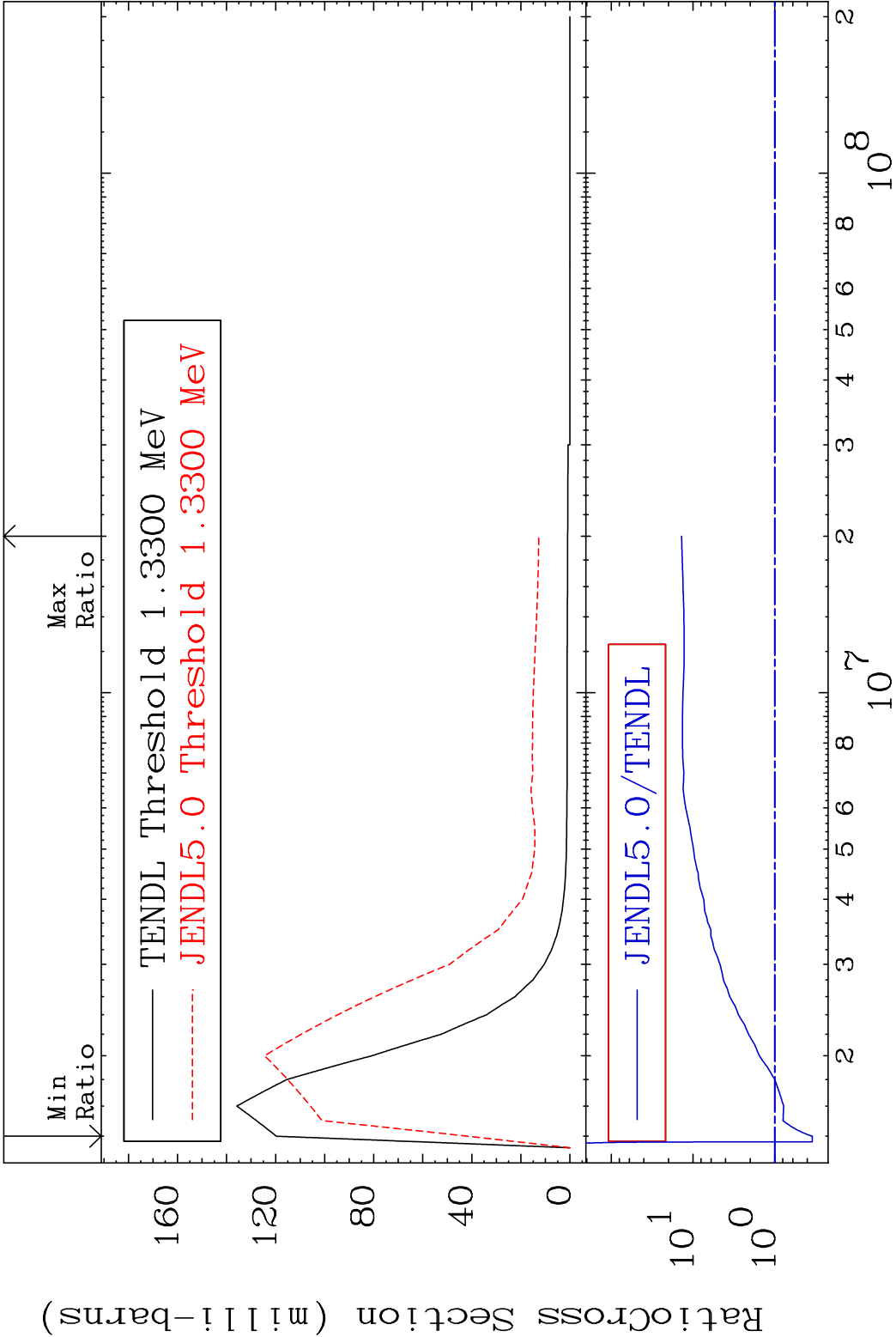
MT= 61 (n, n') Level

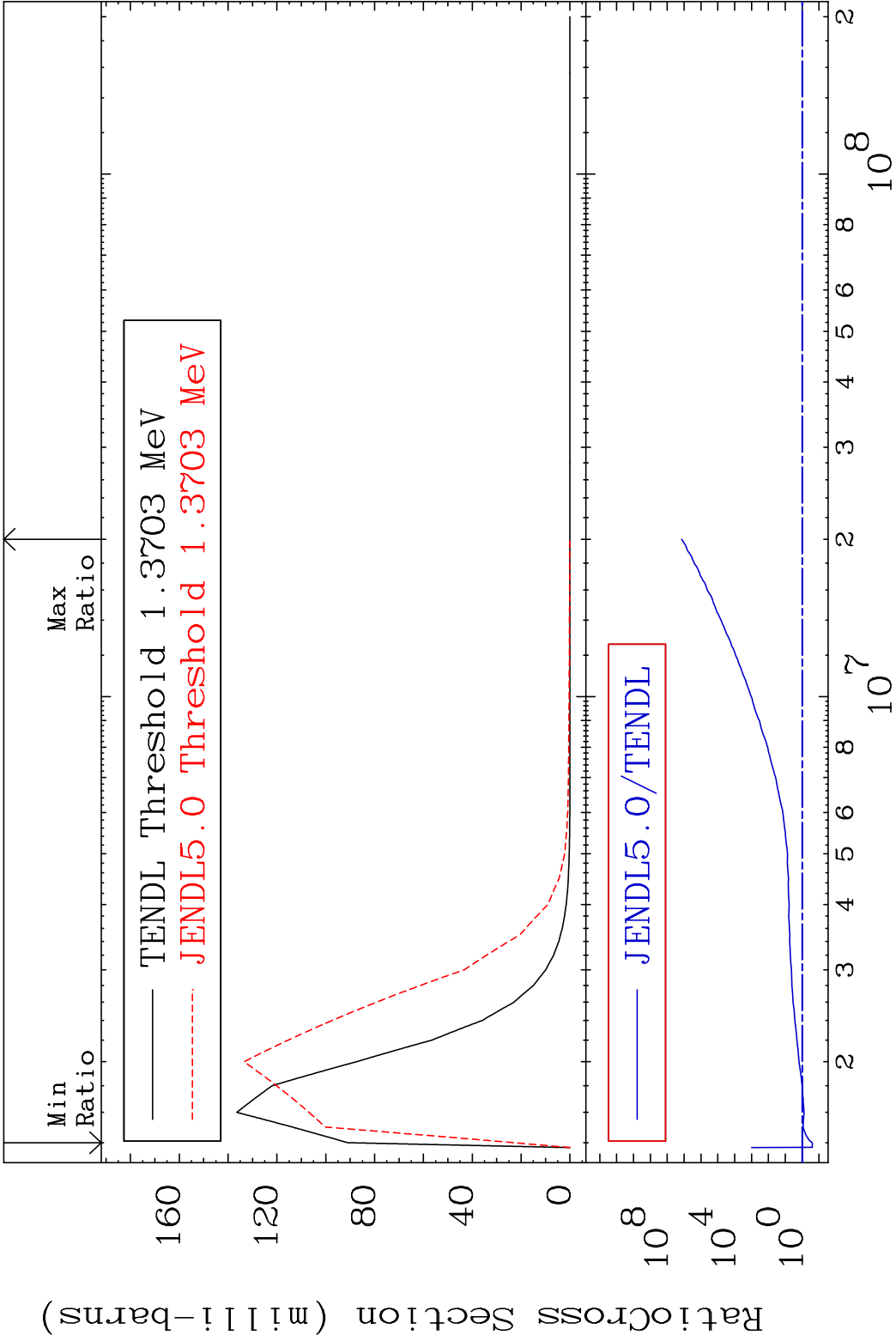
72-Hf-178

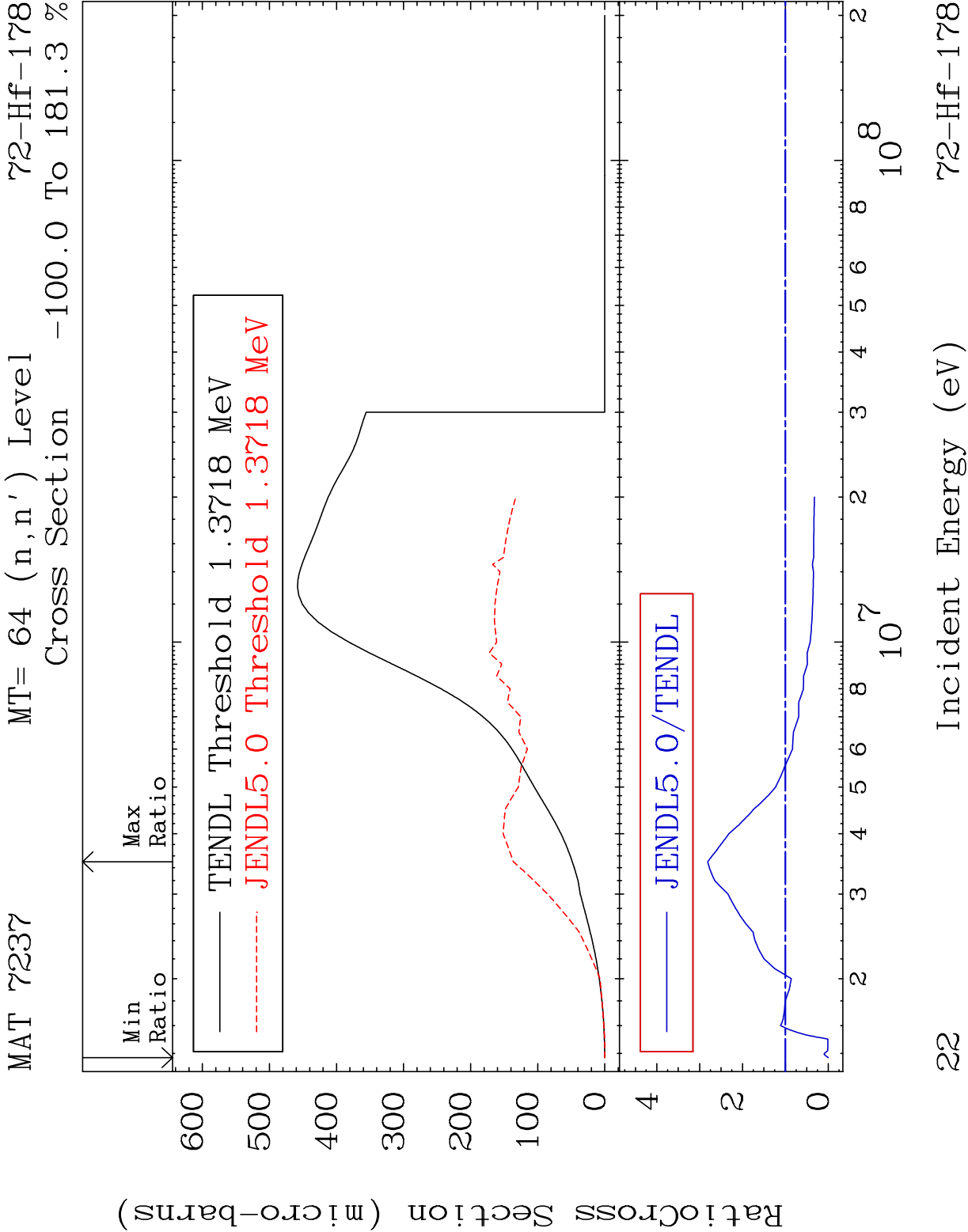
Cross Section	-100.0 To 369.3 %

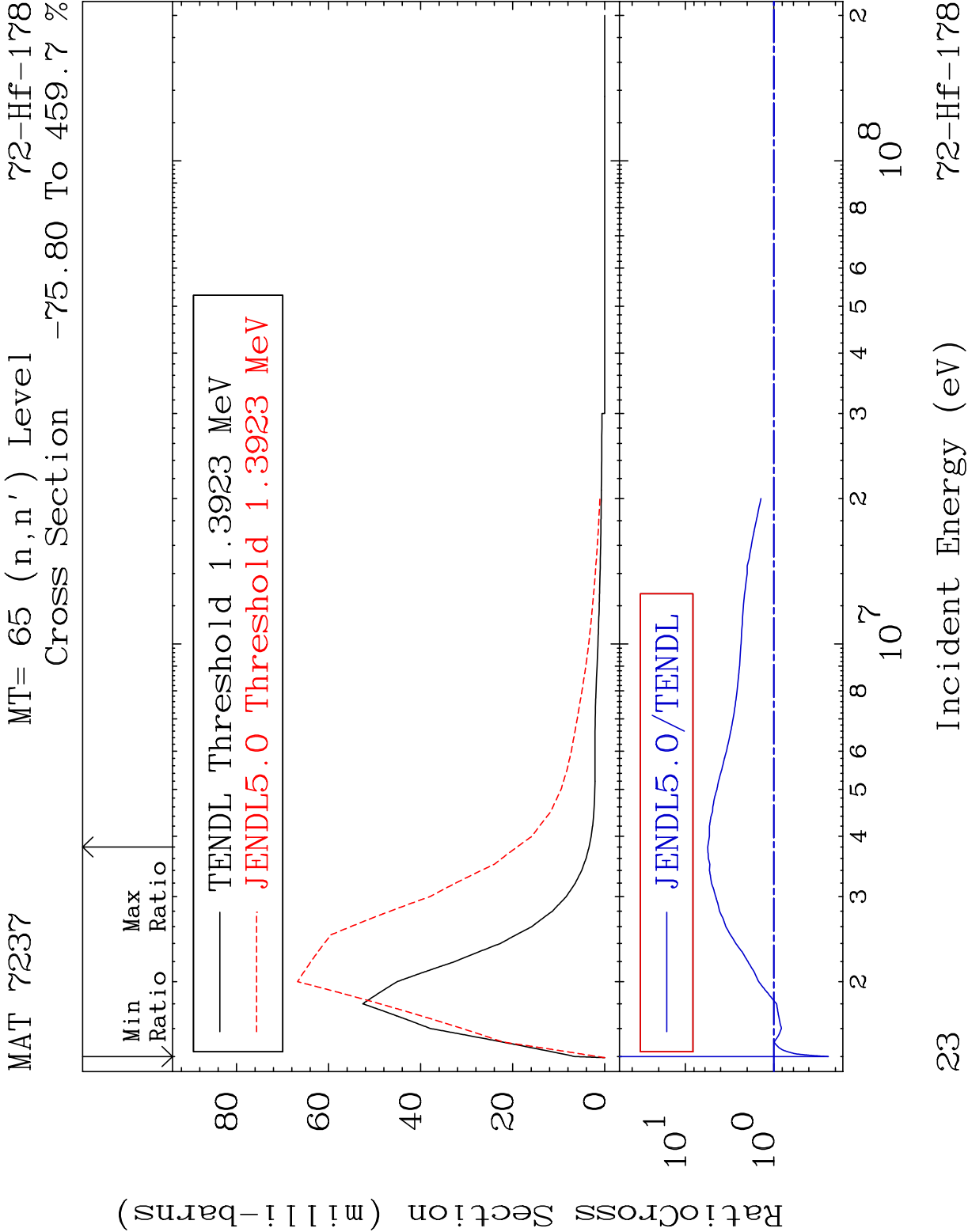


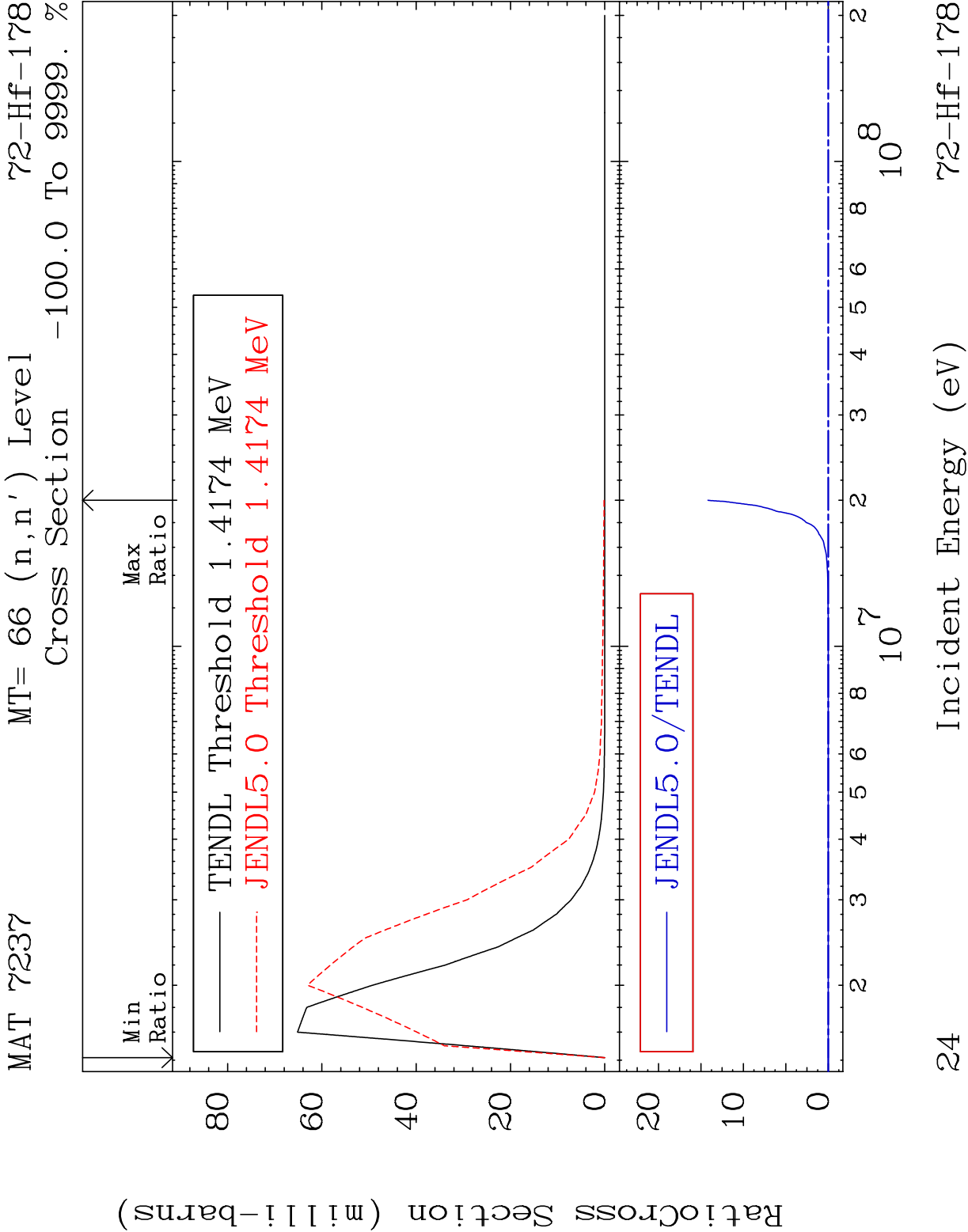
MAT 7237 MT= 62 (n,n') Level 72-Hf-178
Cross Section -65.23 To 1283. %

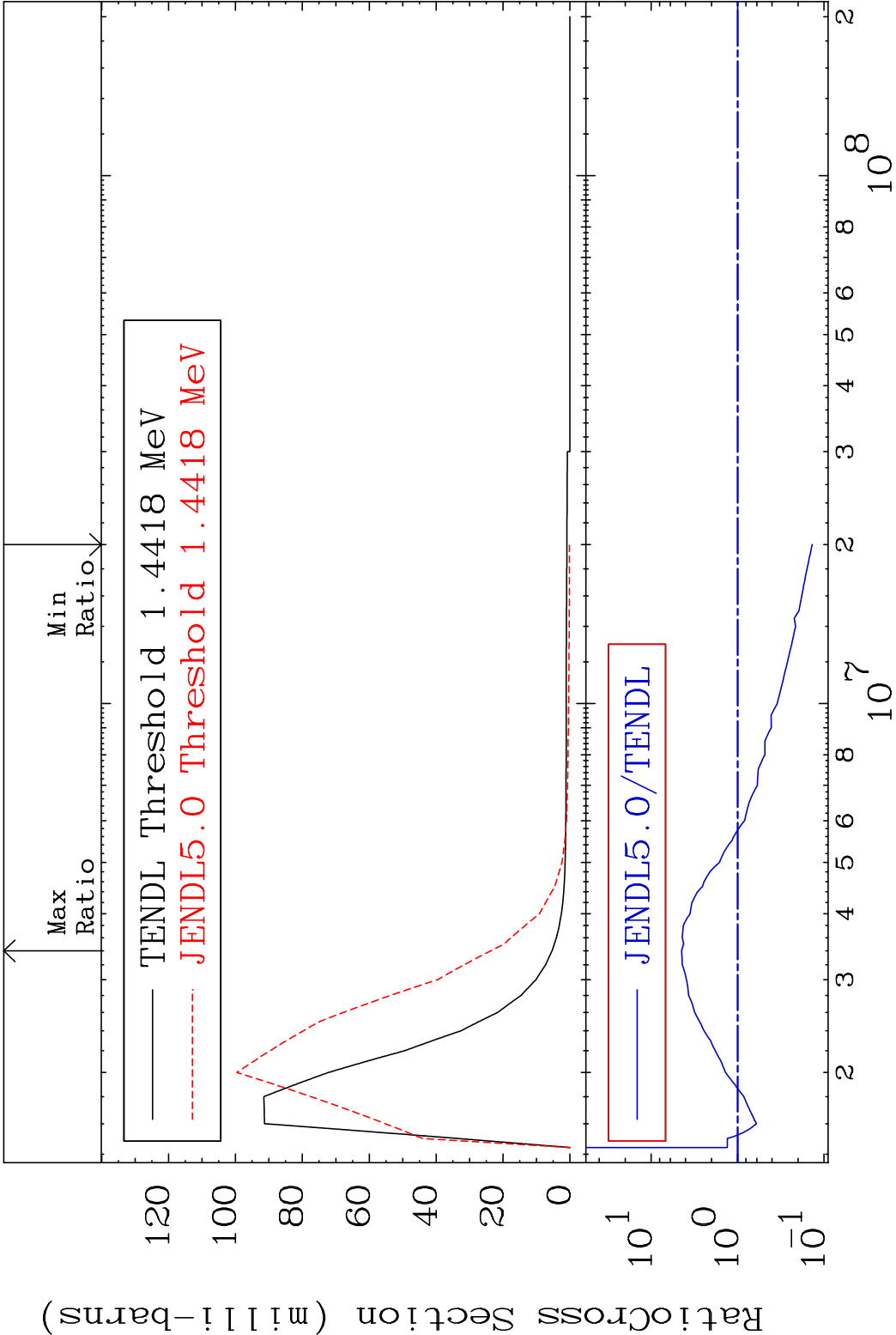


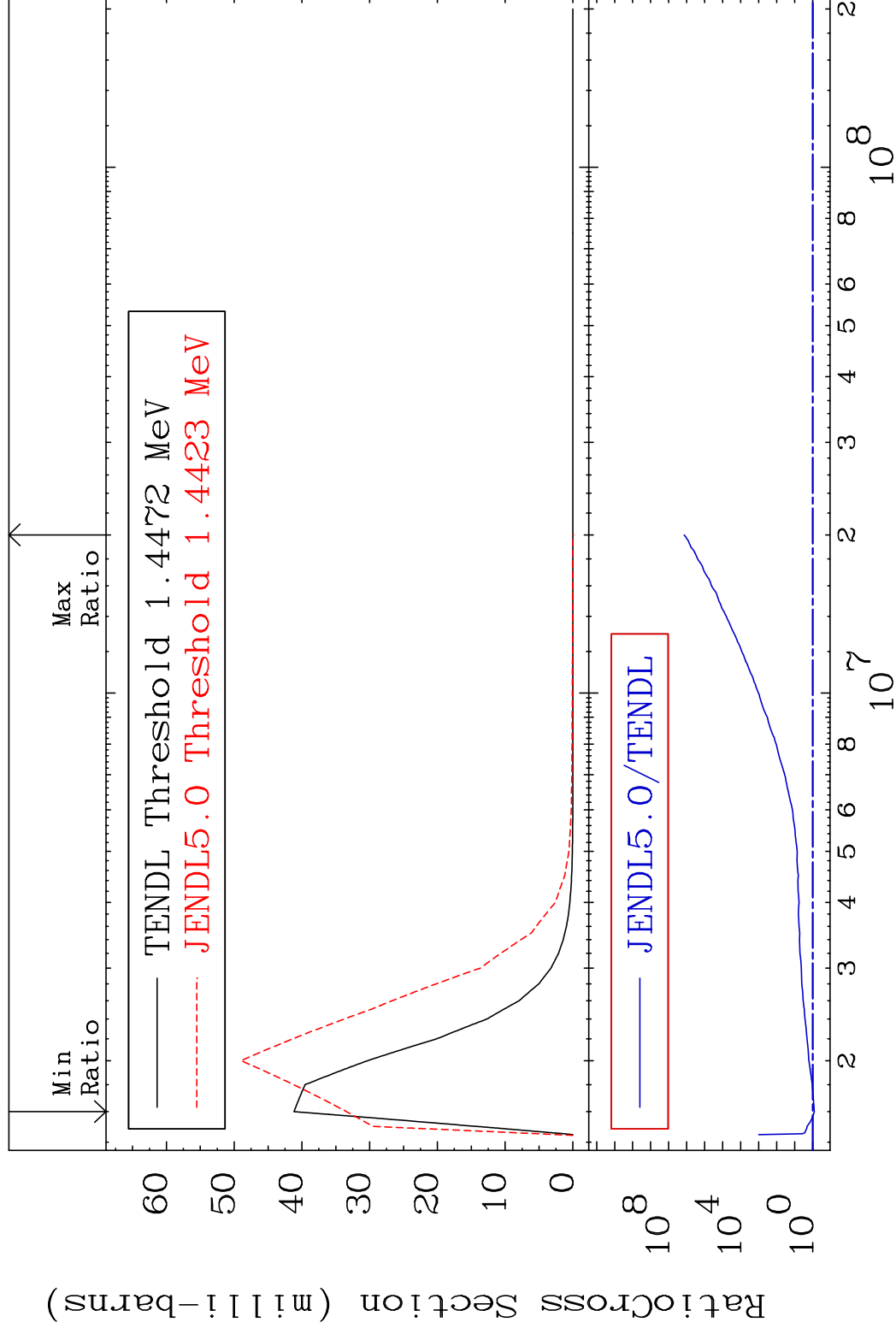




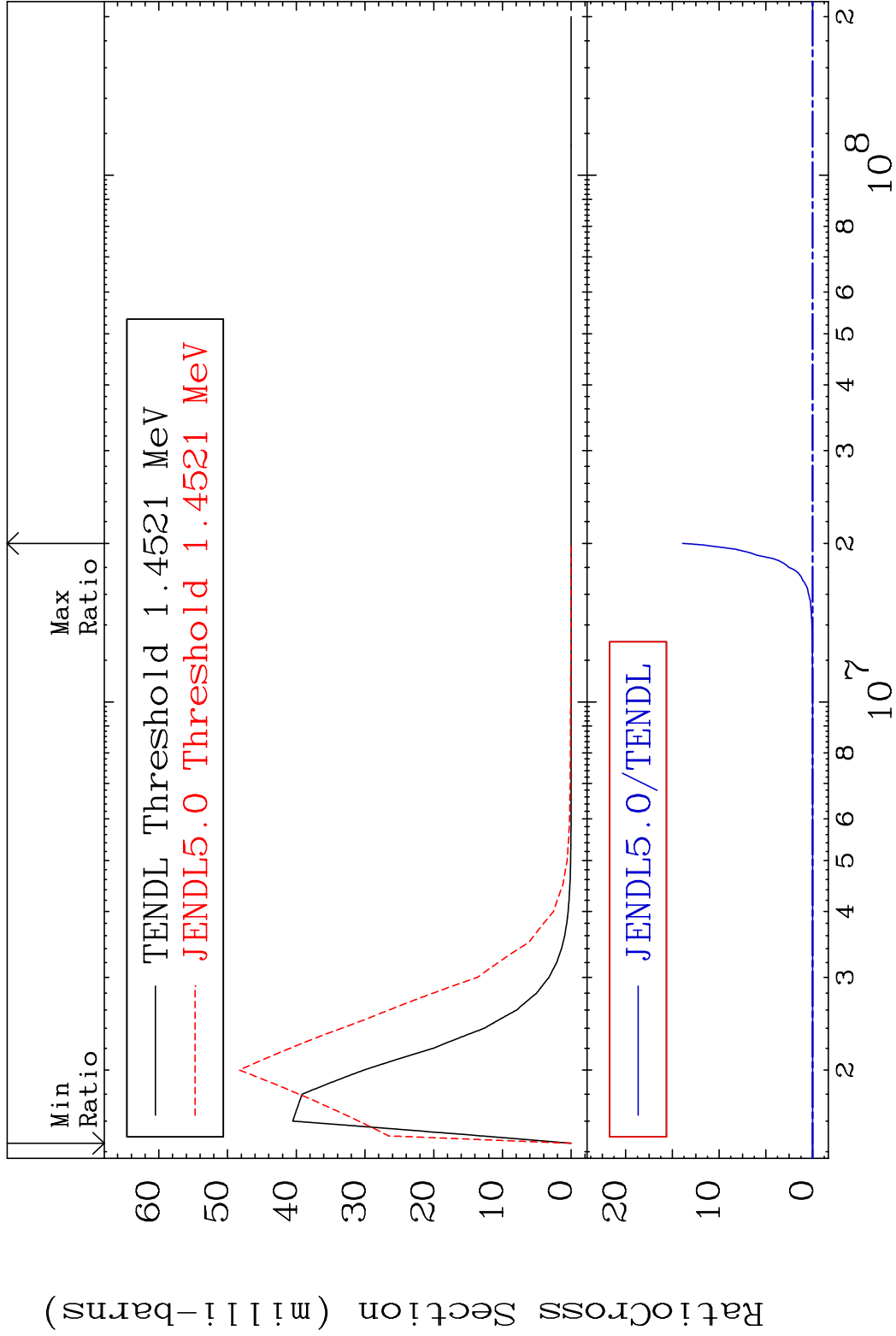


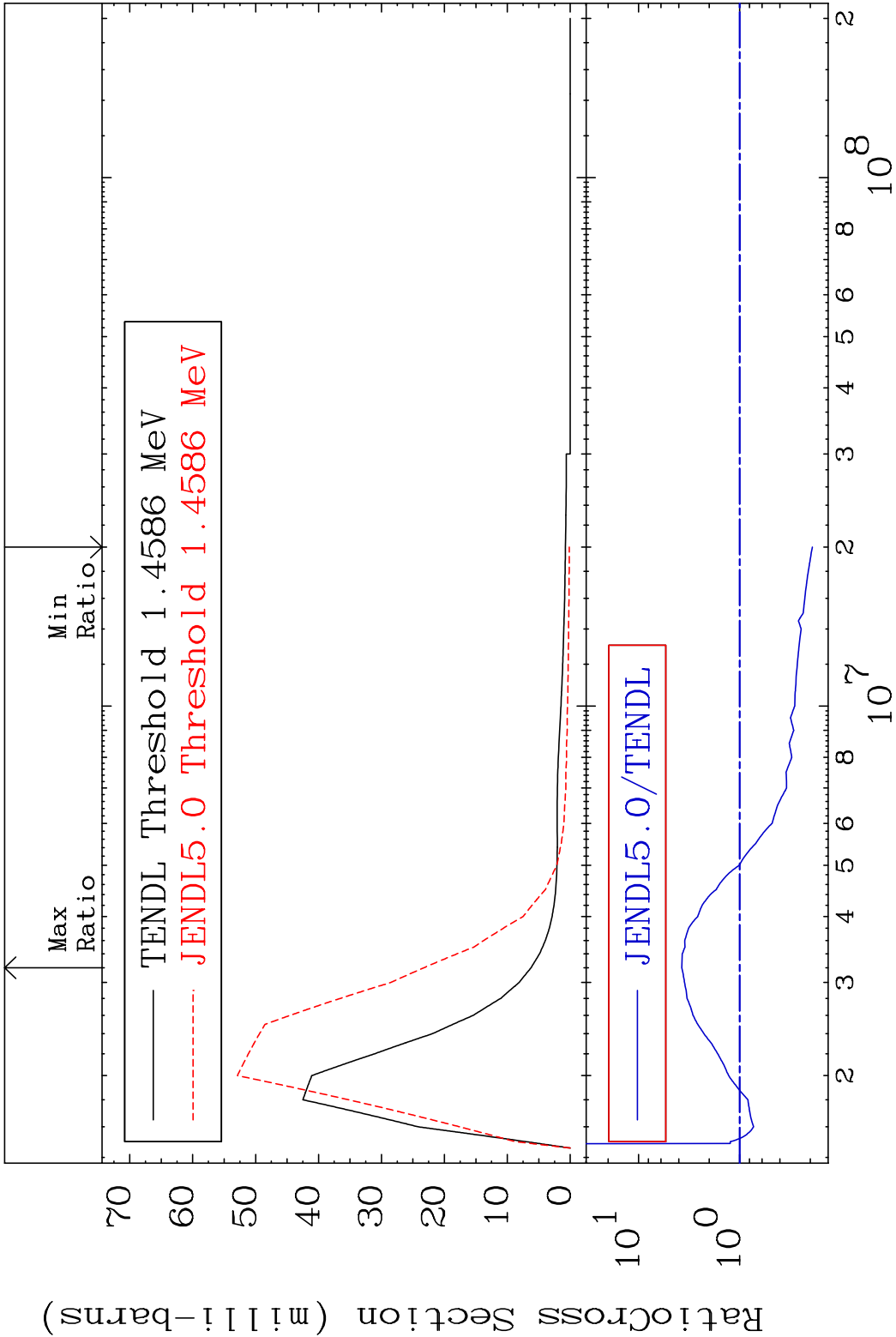


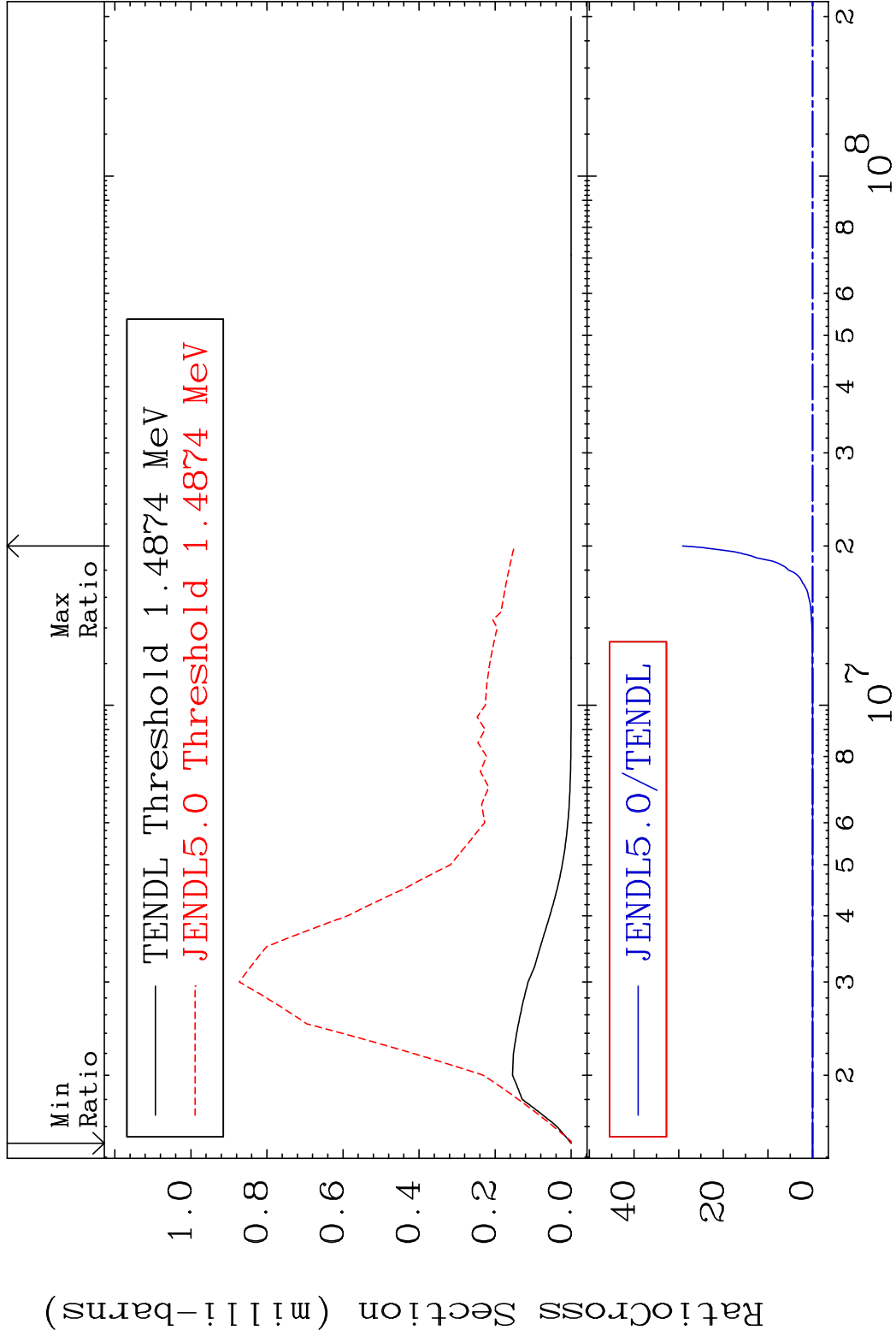




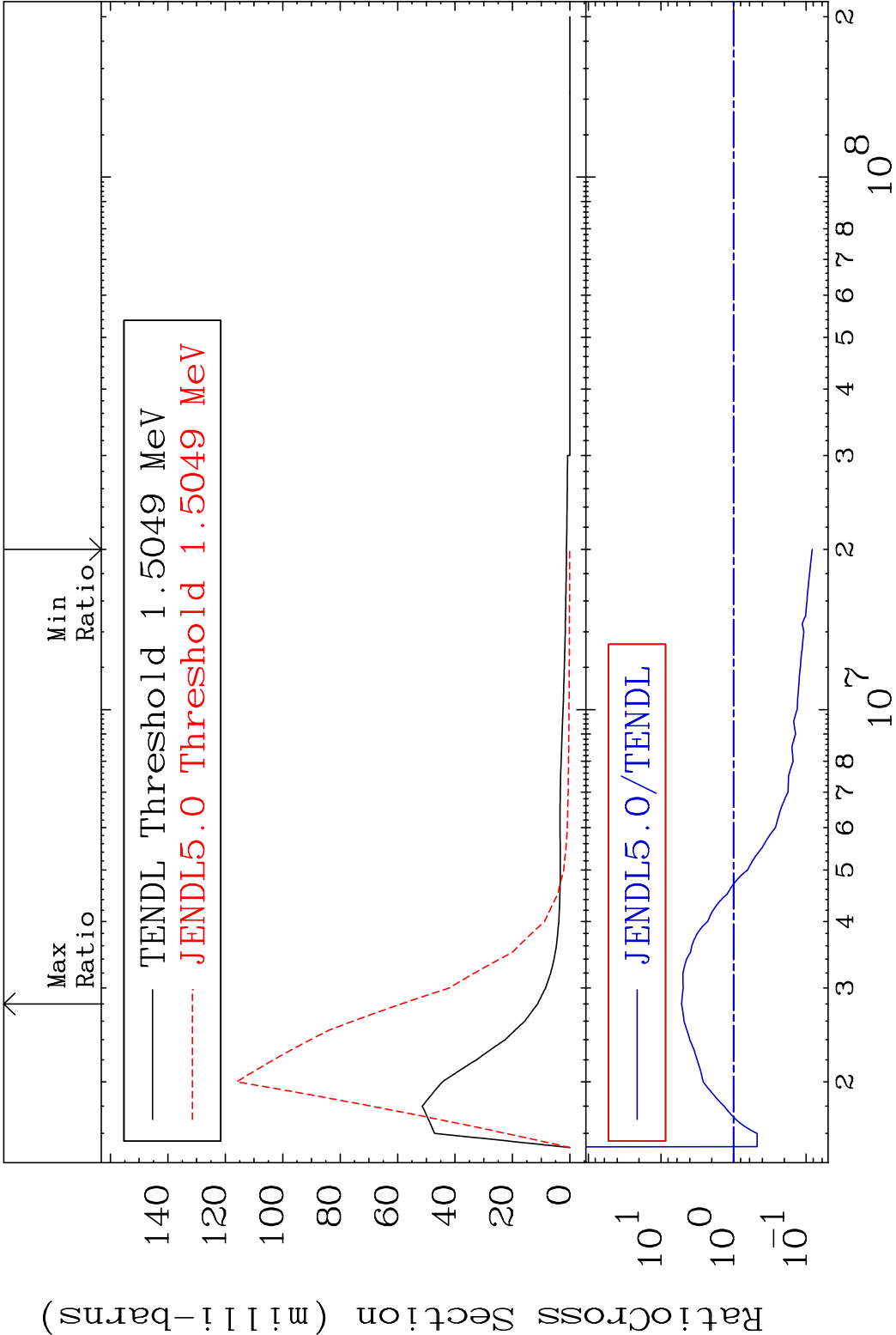
MAT 7237 MT= 69 (n,n') Level 72-Hf-178
Cross Section -100.0 To 9999. %

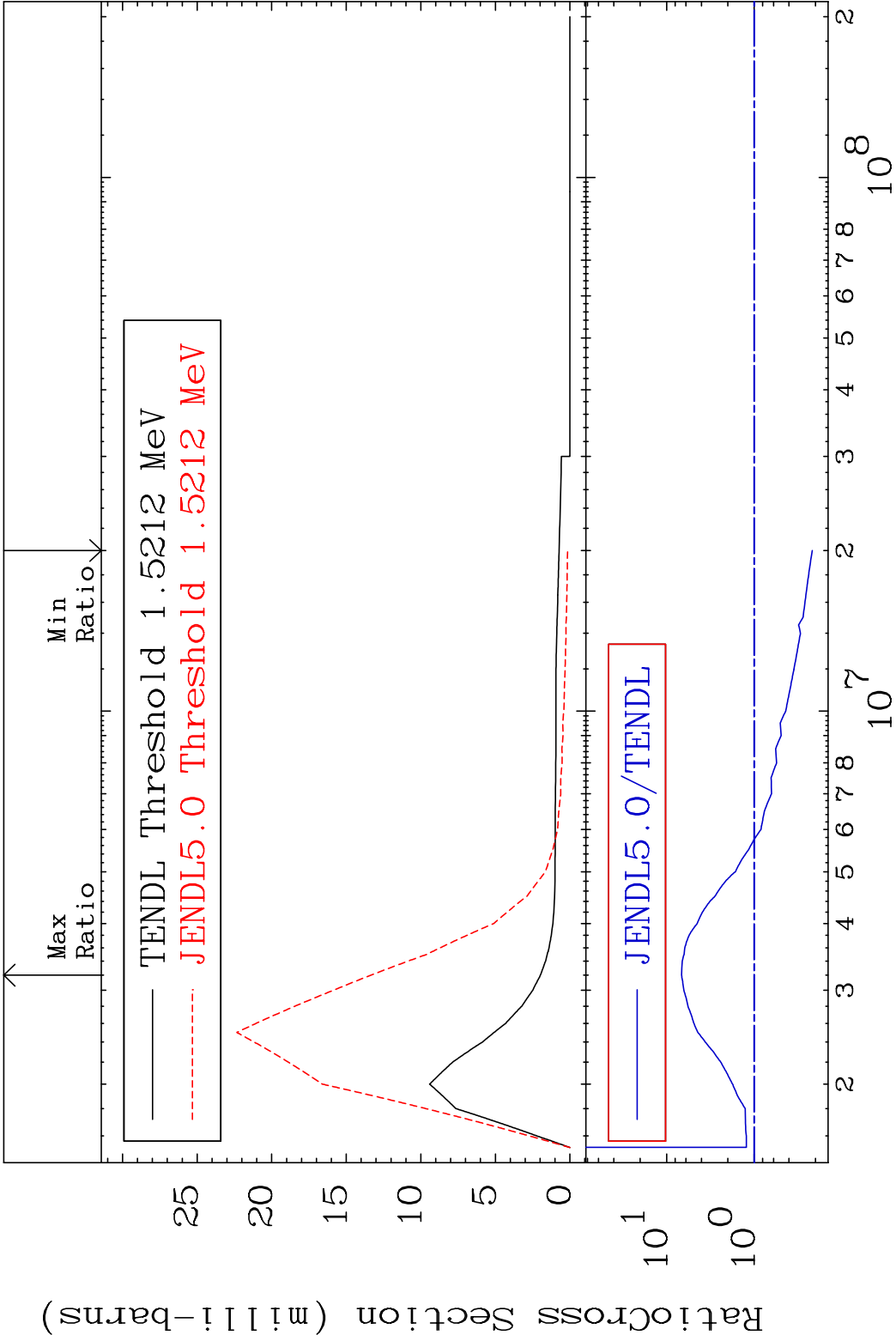






MAT 7237 MT= 72 (n,n') Level 72-Hf-178
Cross Section -91.76 To 420.2 %





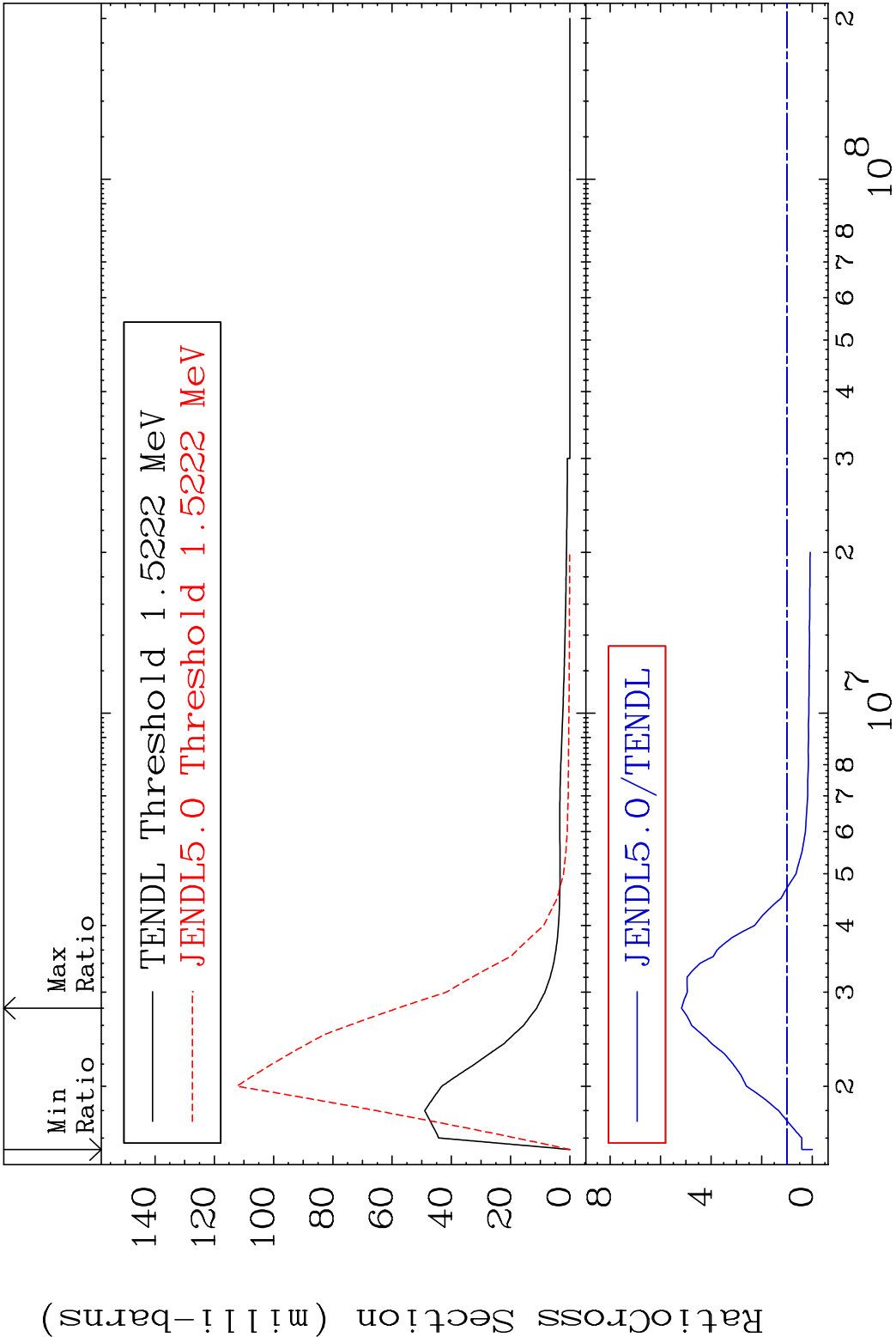
MAT 7237

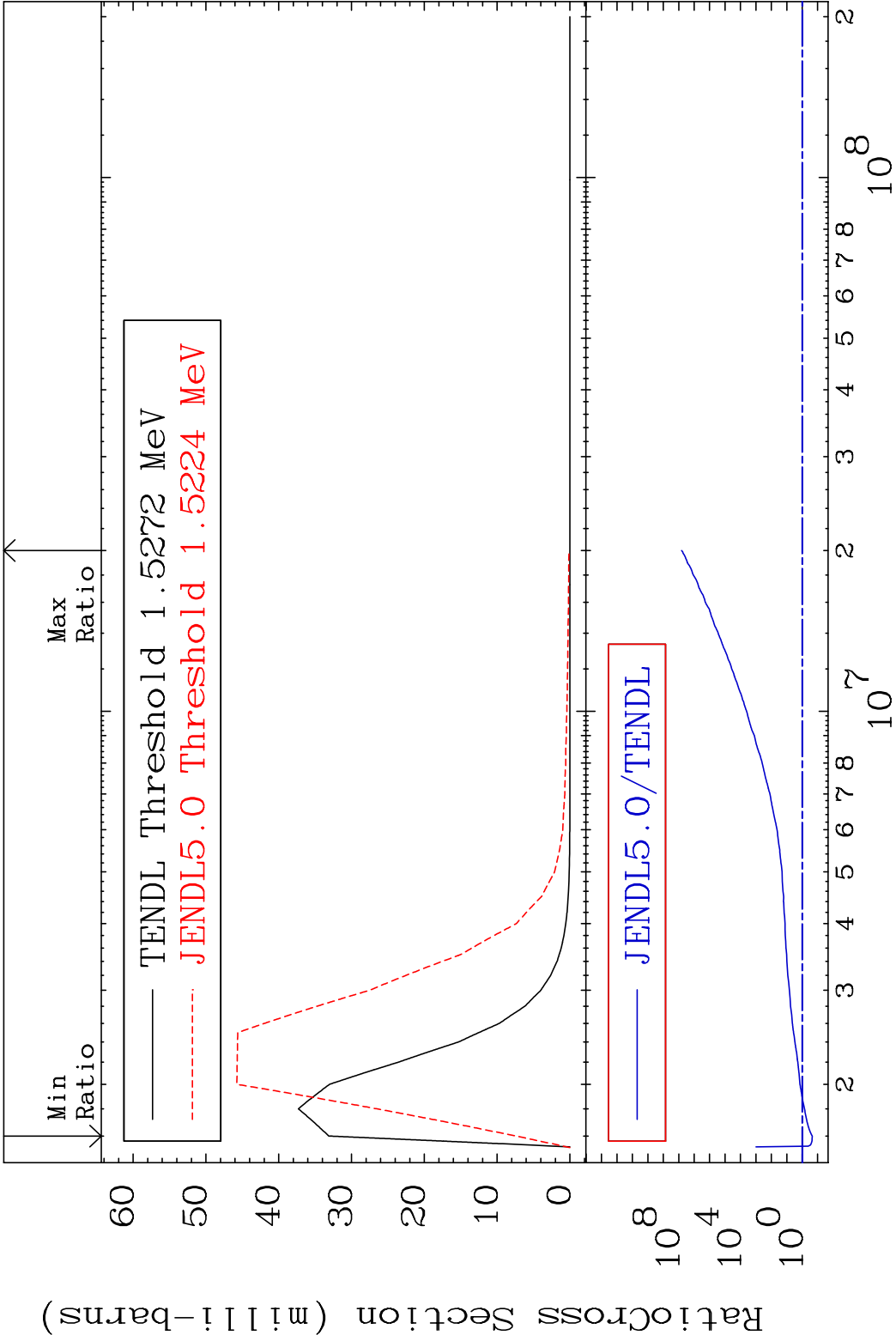
MT= 74 (n,n') Level

72-Hf-178

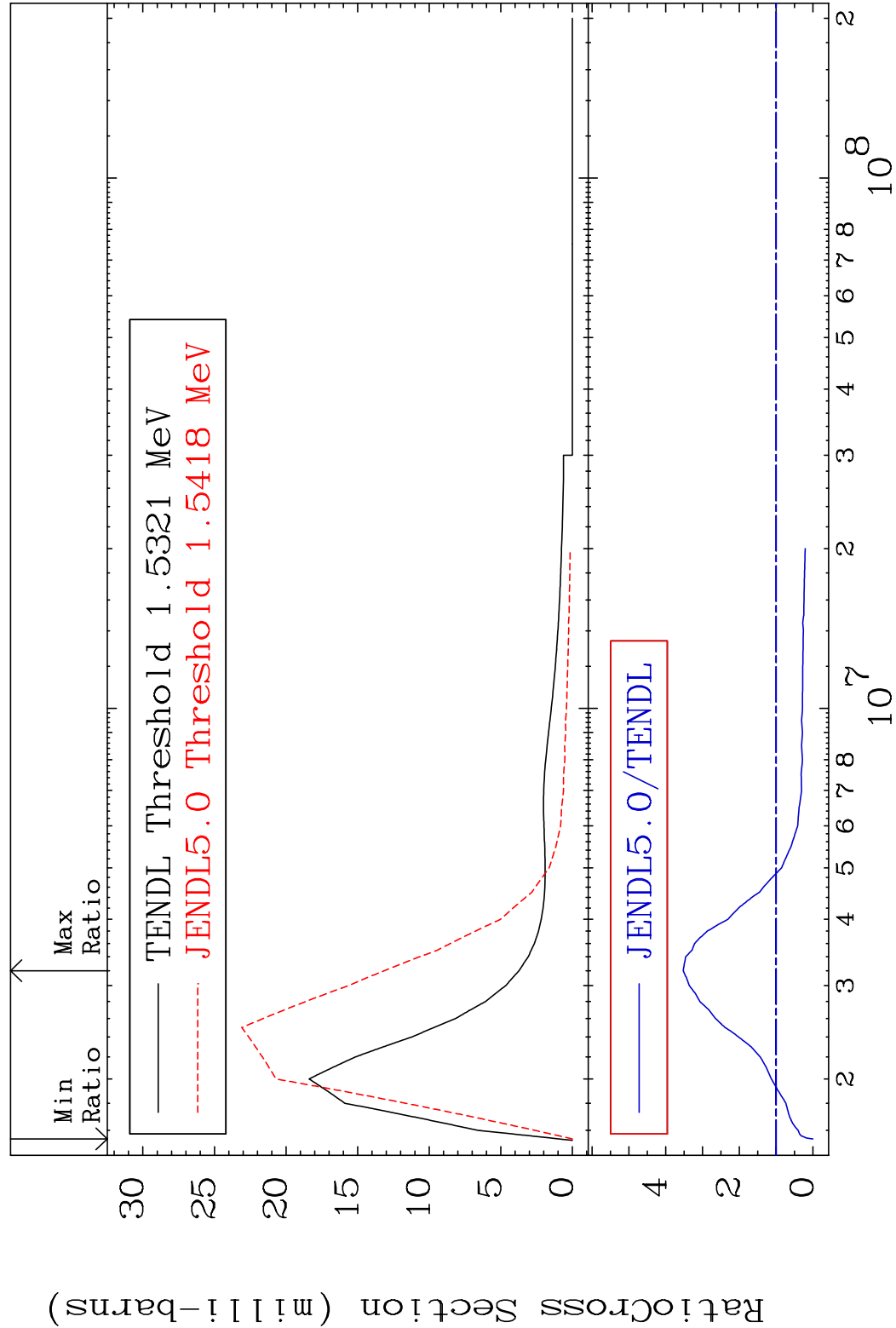
Cross Section

-100.0 To 417.1 %





MAT 7237 MT= 76 (n,n') Level 72-Hf-178
 Cross Section -100.0 To 252.3 %



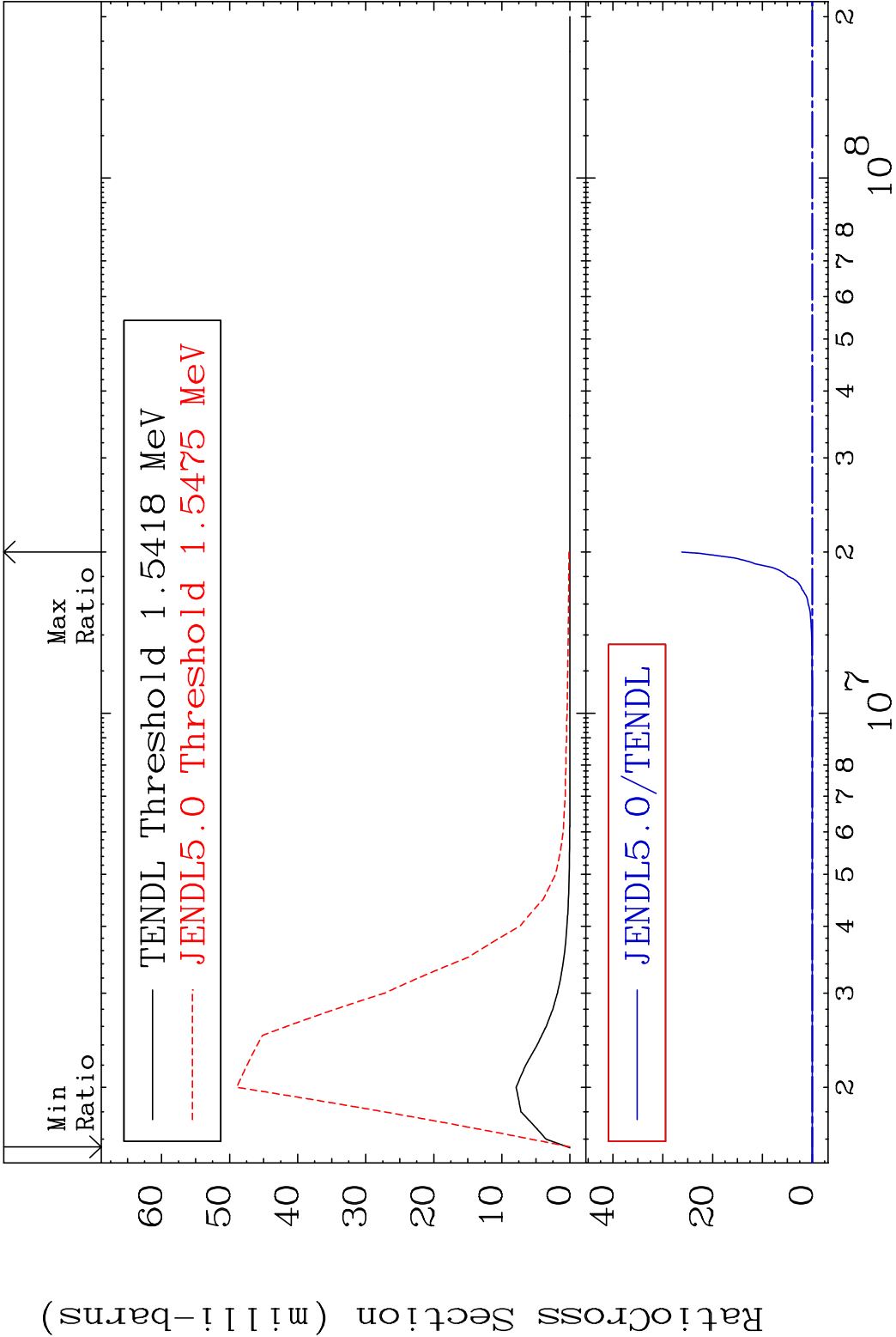
MAT 7237

MT= 77 (n,n') Level

72-Hf-178

Cross Section

-100.0 To 9999. %



MAT 7237

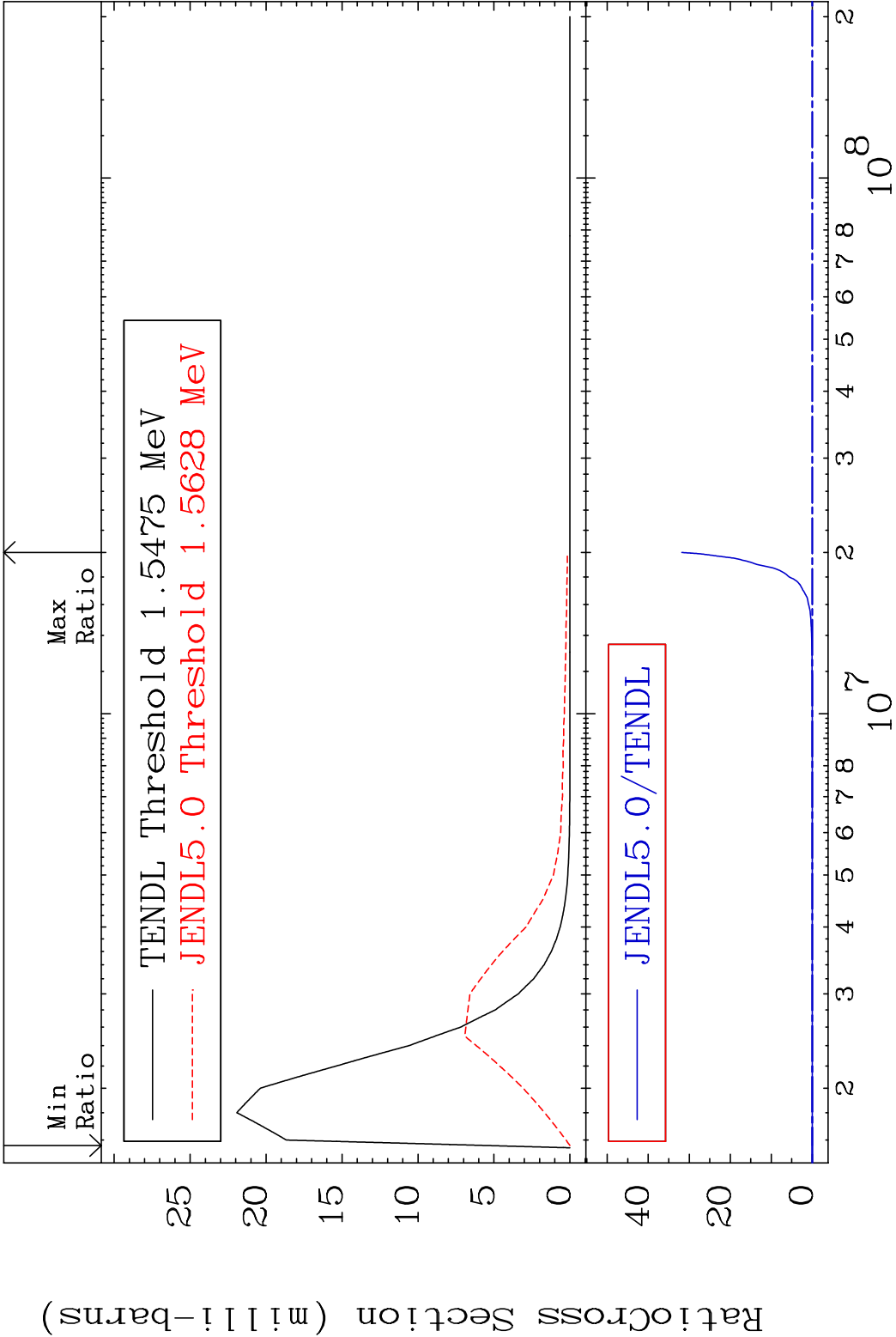
MT= 78 (n,n')

Level

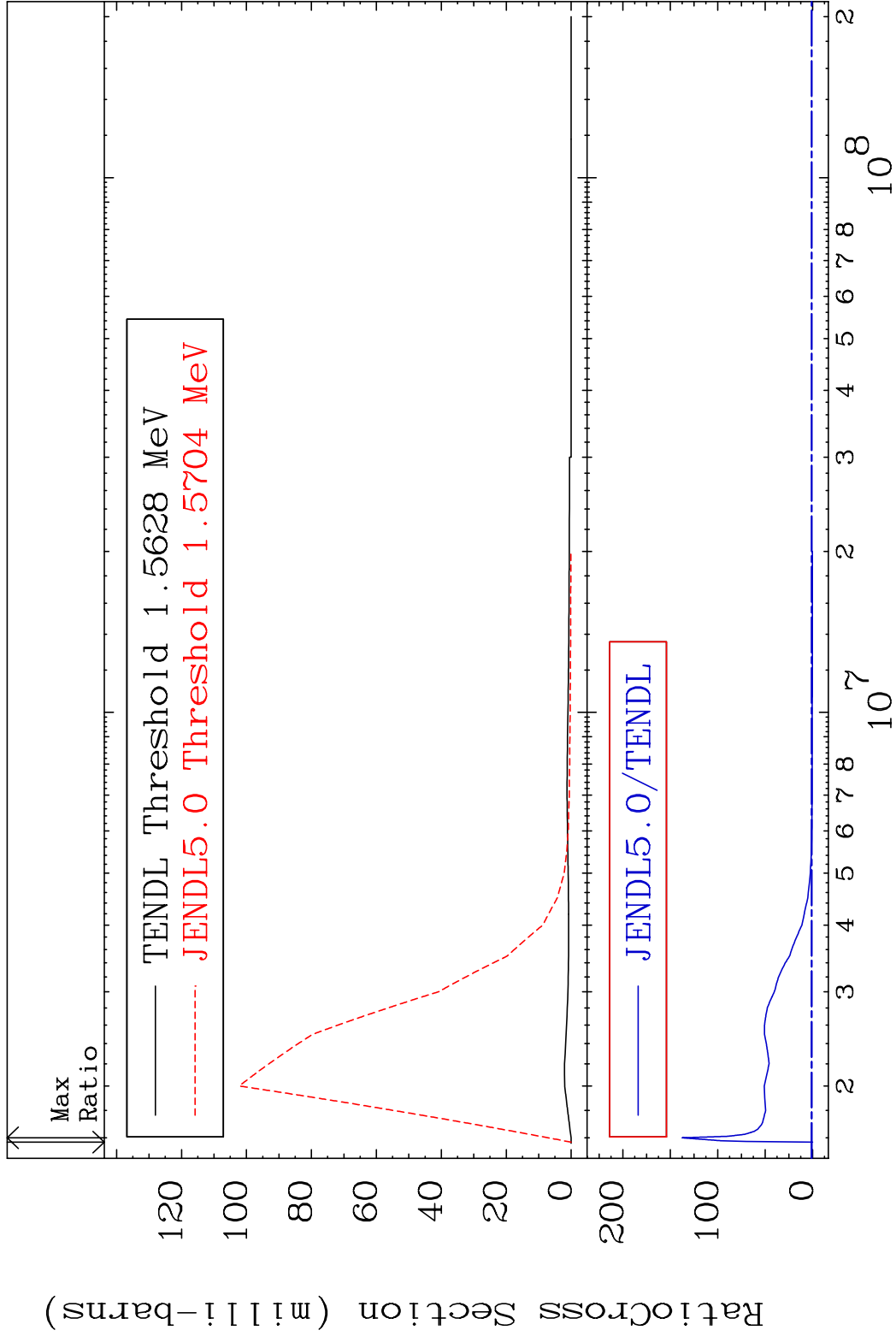
72-Hf-178

Cross Section

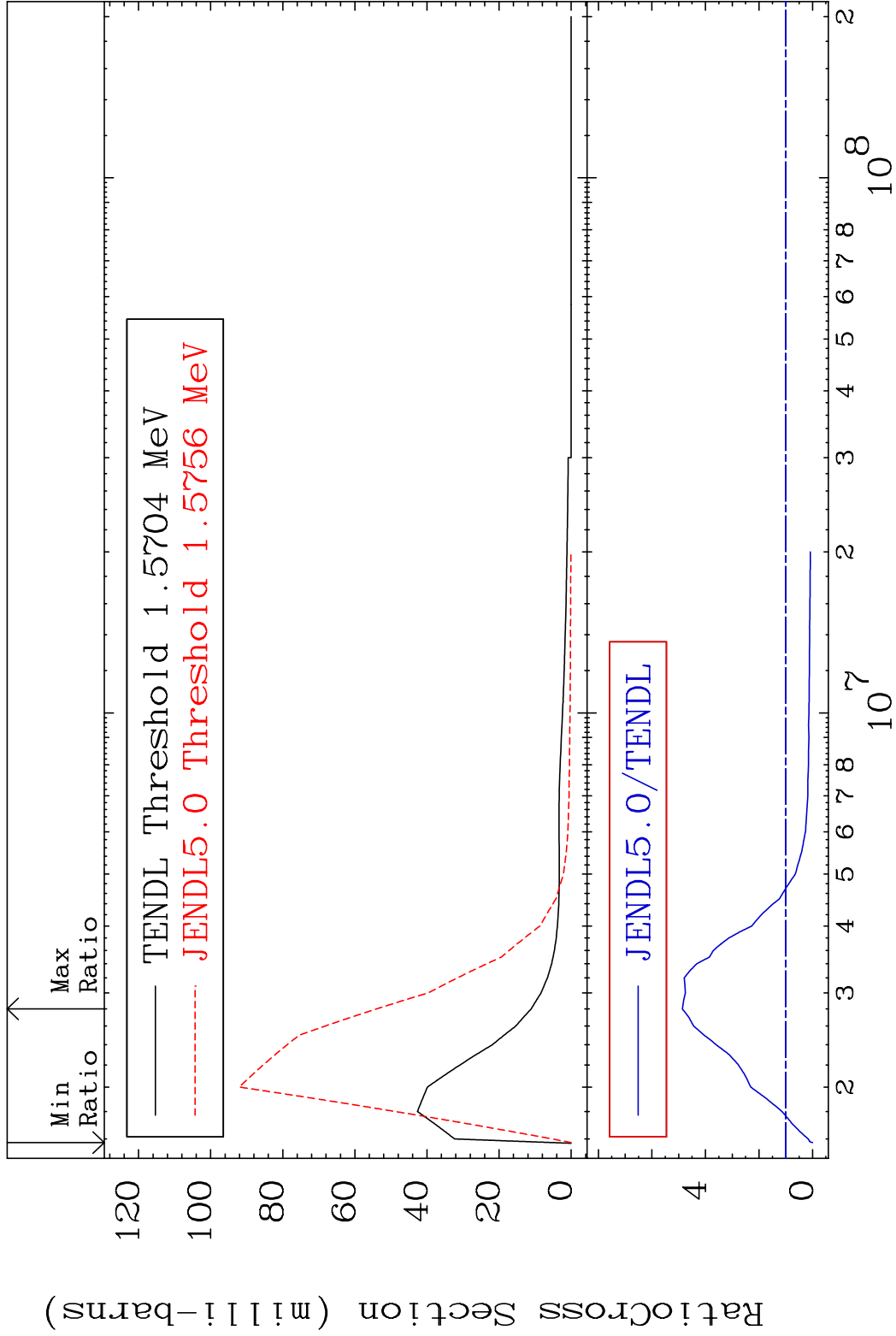
-100.0 To 9999. %

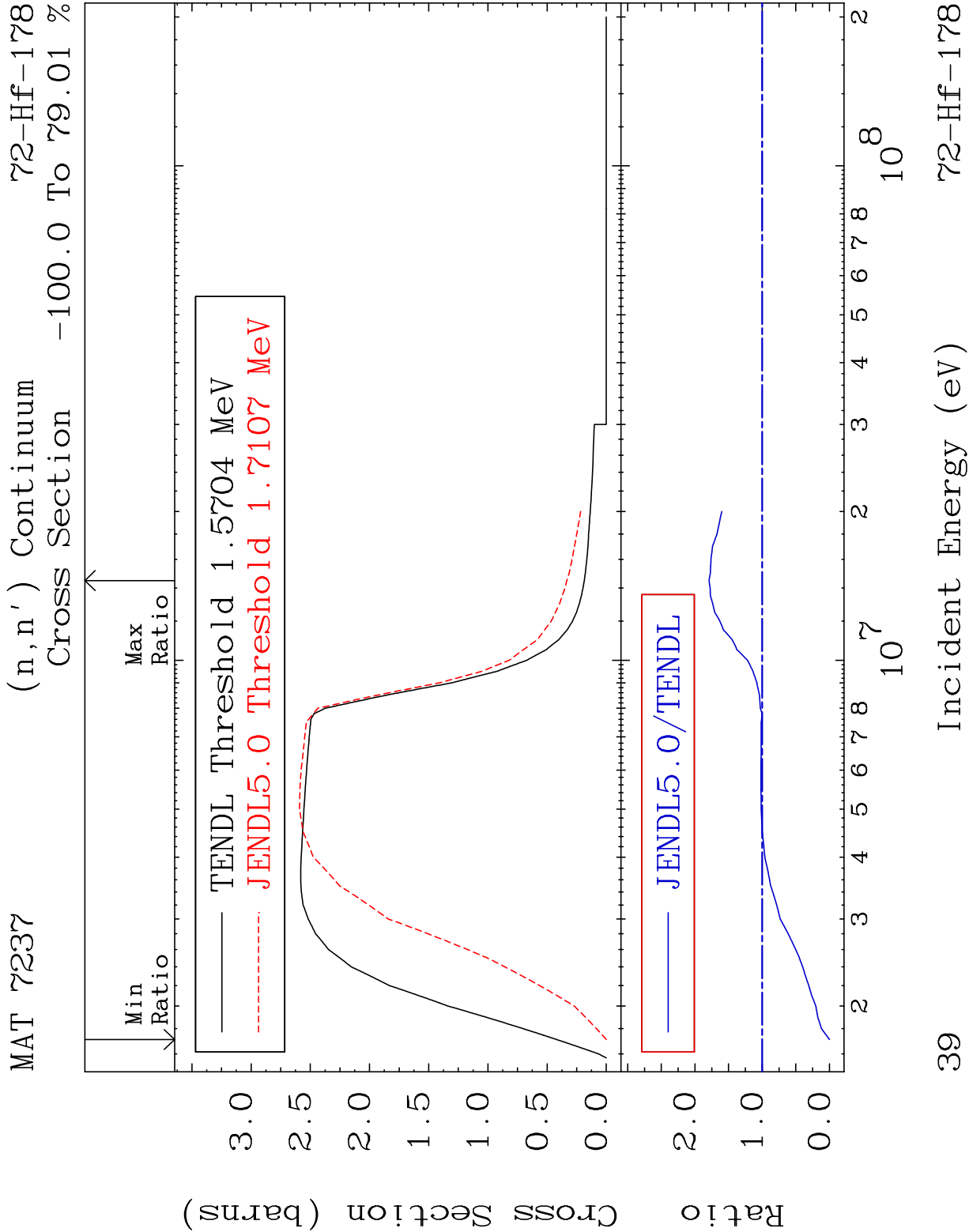


MAT 7237 MT= 79 (n,n') Level 72-Hf-178
Cross Section -100.0 To 9999. %



MAT 7237 MT= 80 (n,n') Level 72-Hf-178
Cross Section -100.0 To 386.3 %



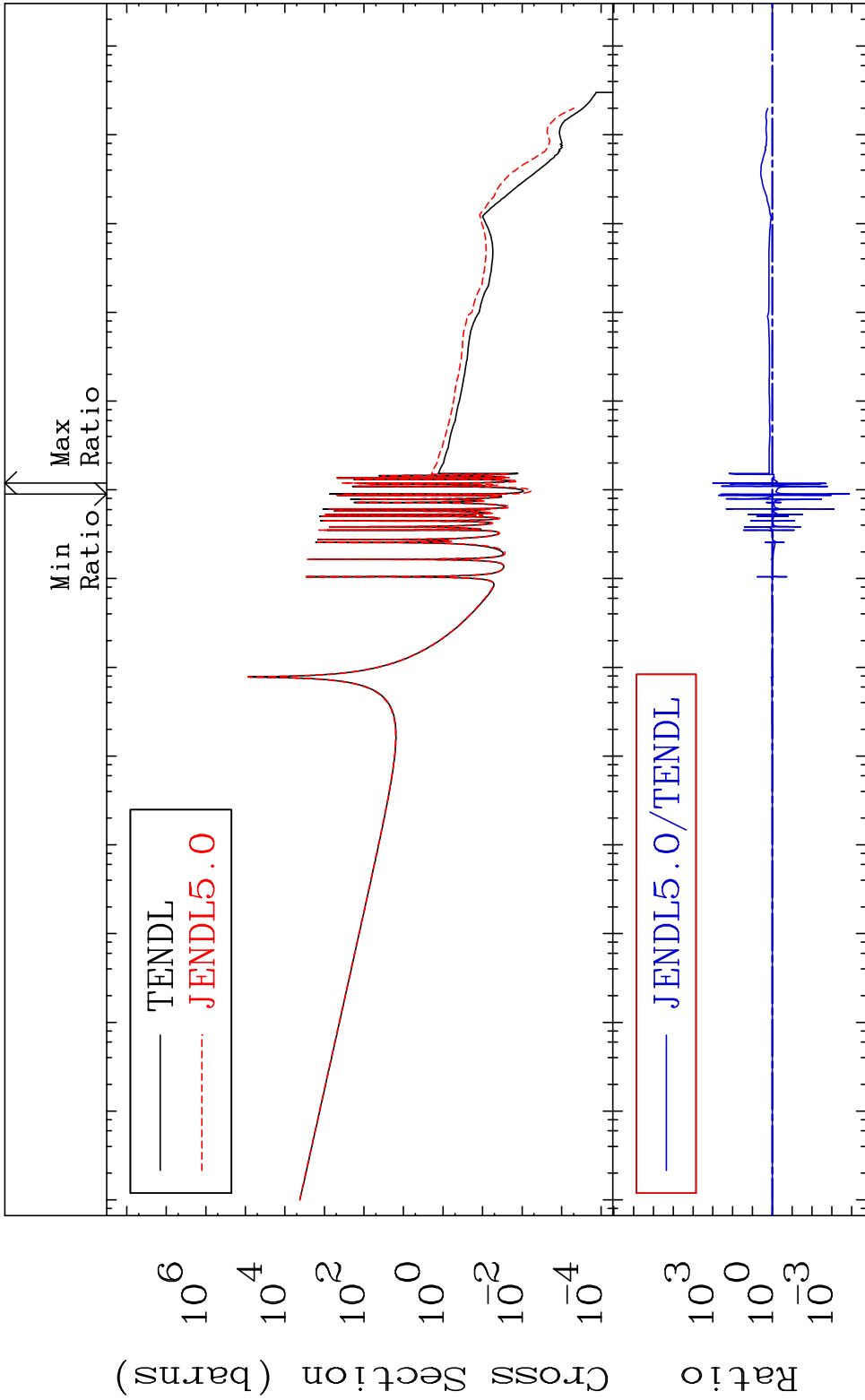


MAT 7237

(n, γ)

72-Hf-178

Cross Section -99.99 To 9999. %

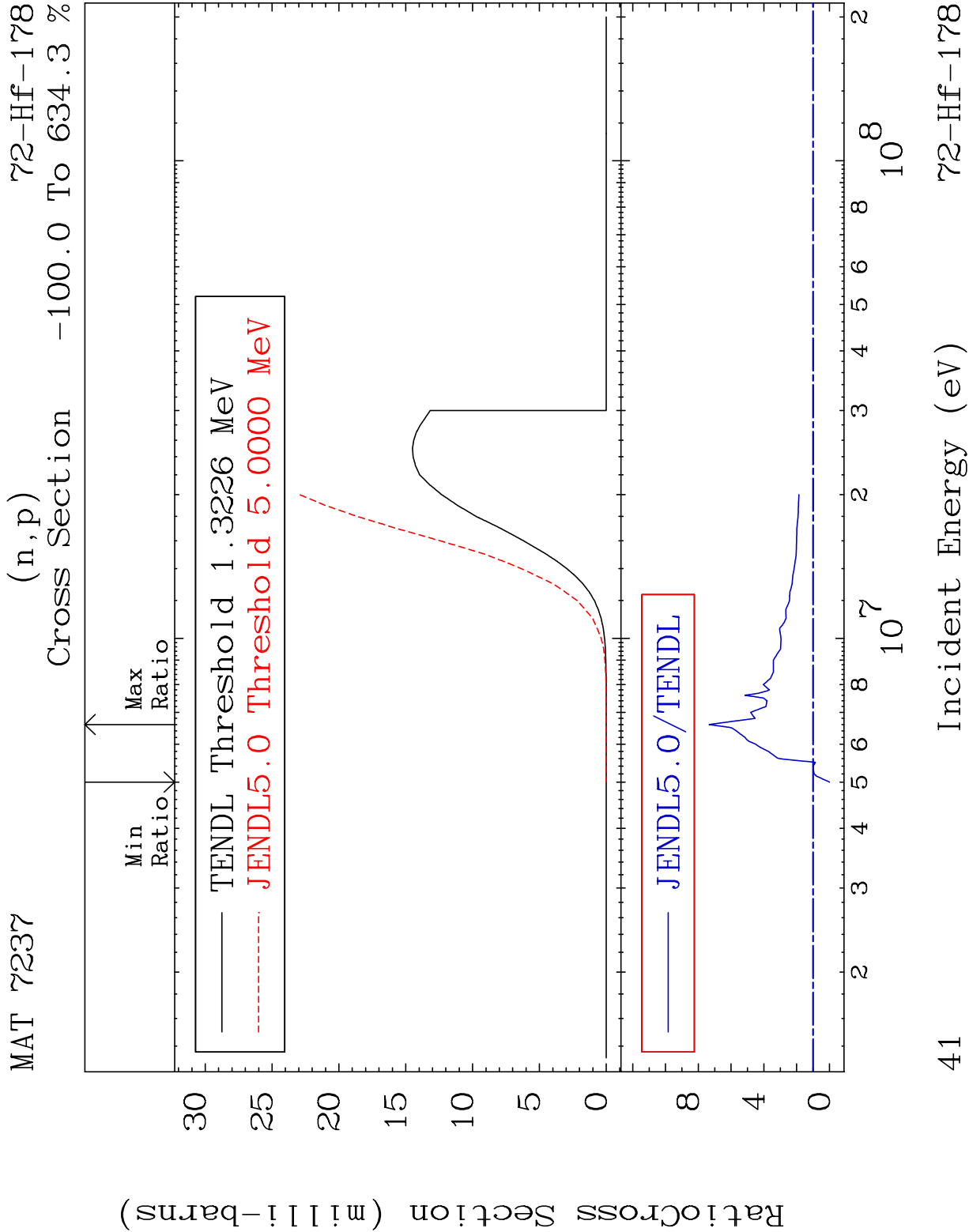


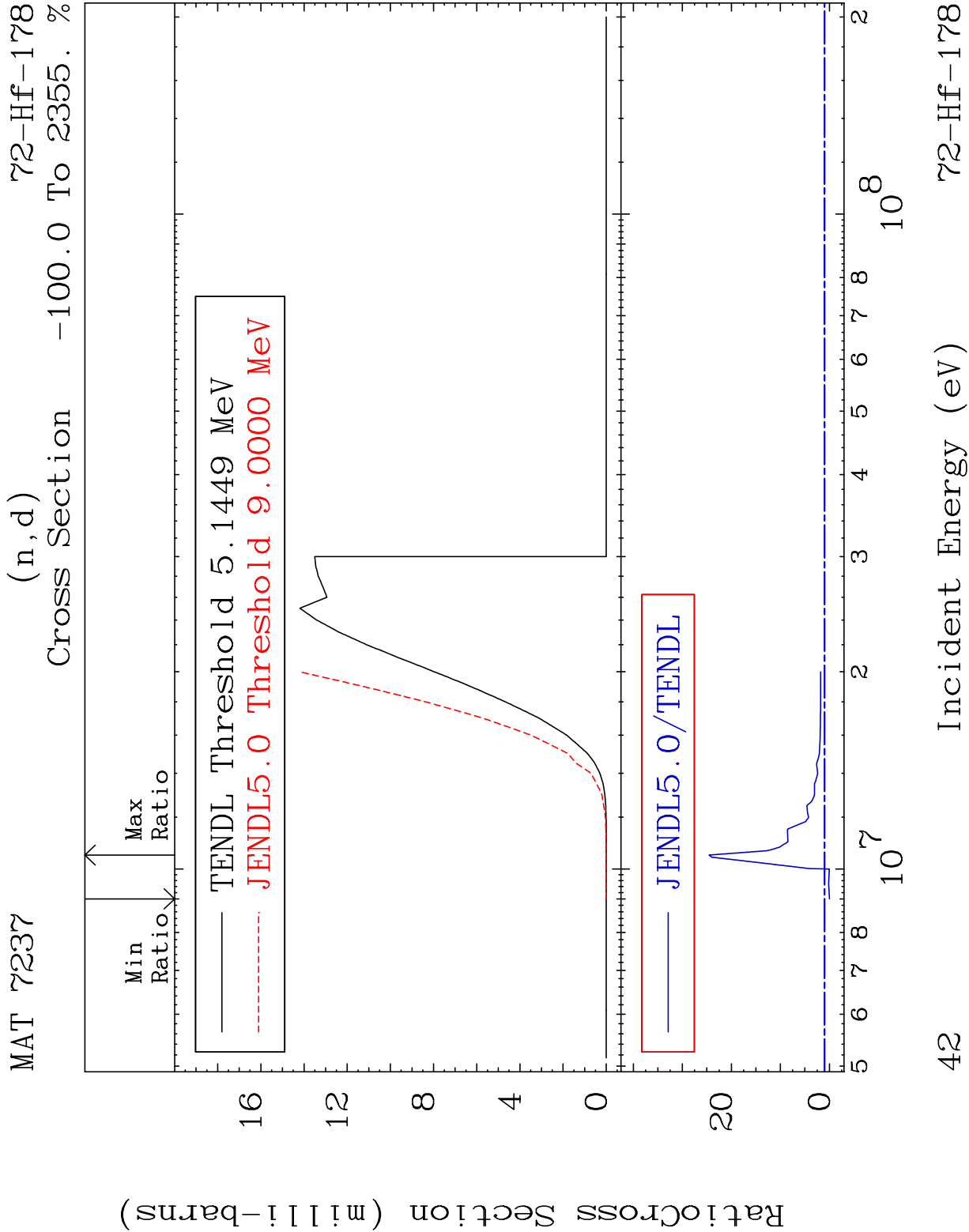
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

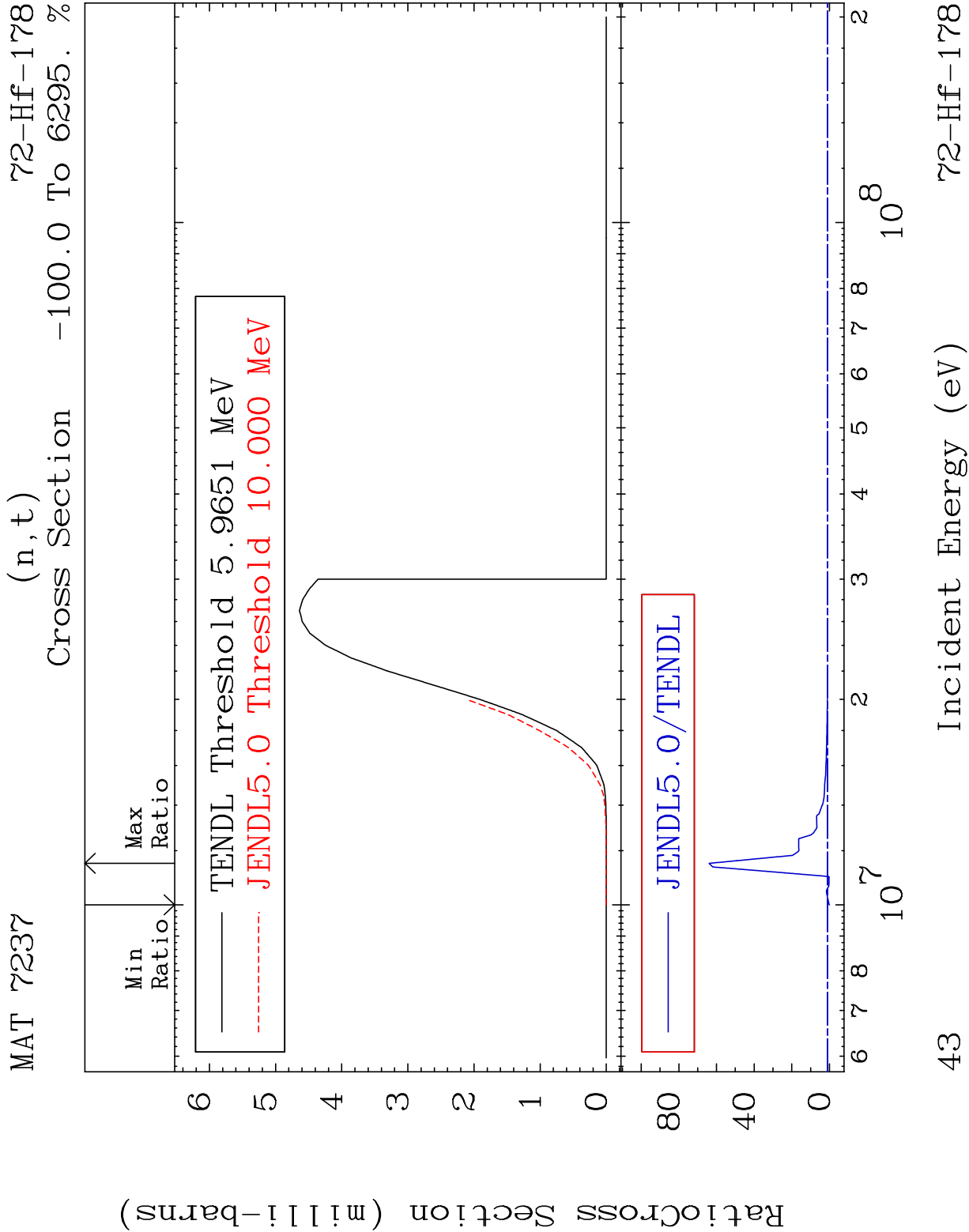
40

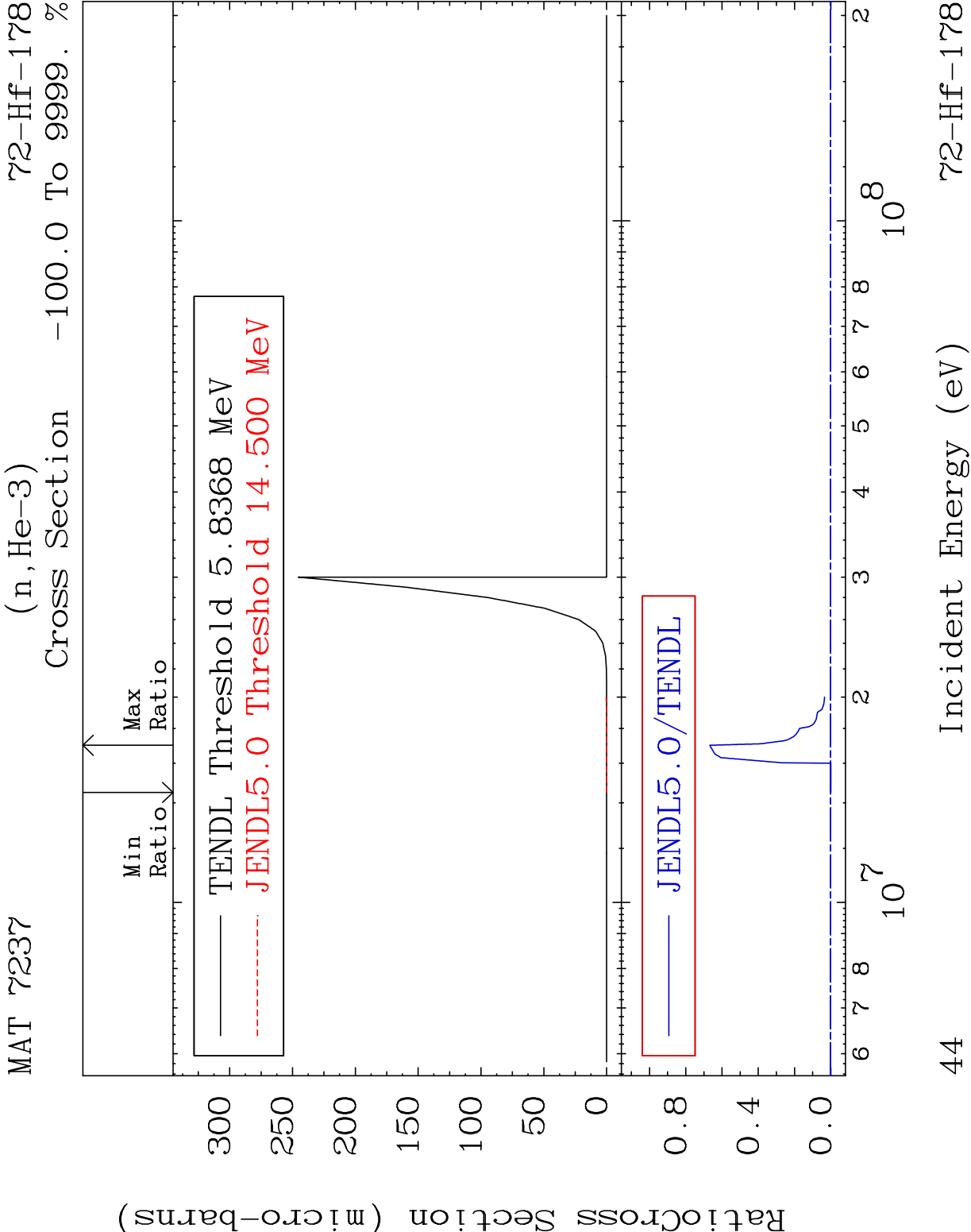
Incident Energy (eV)

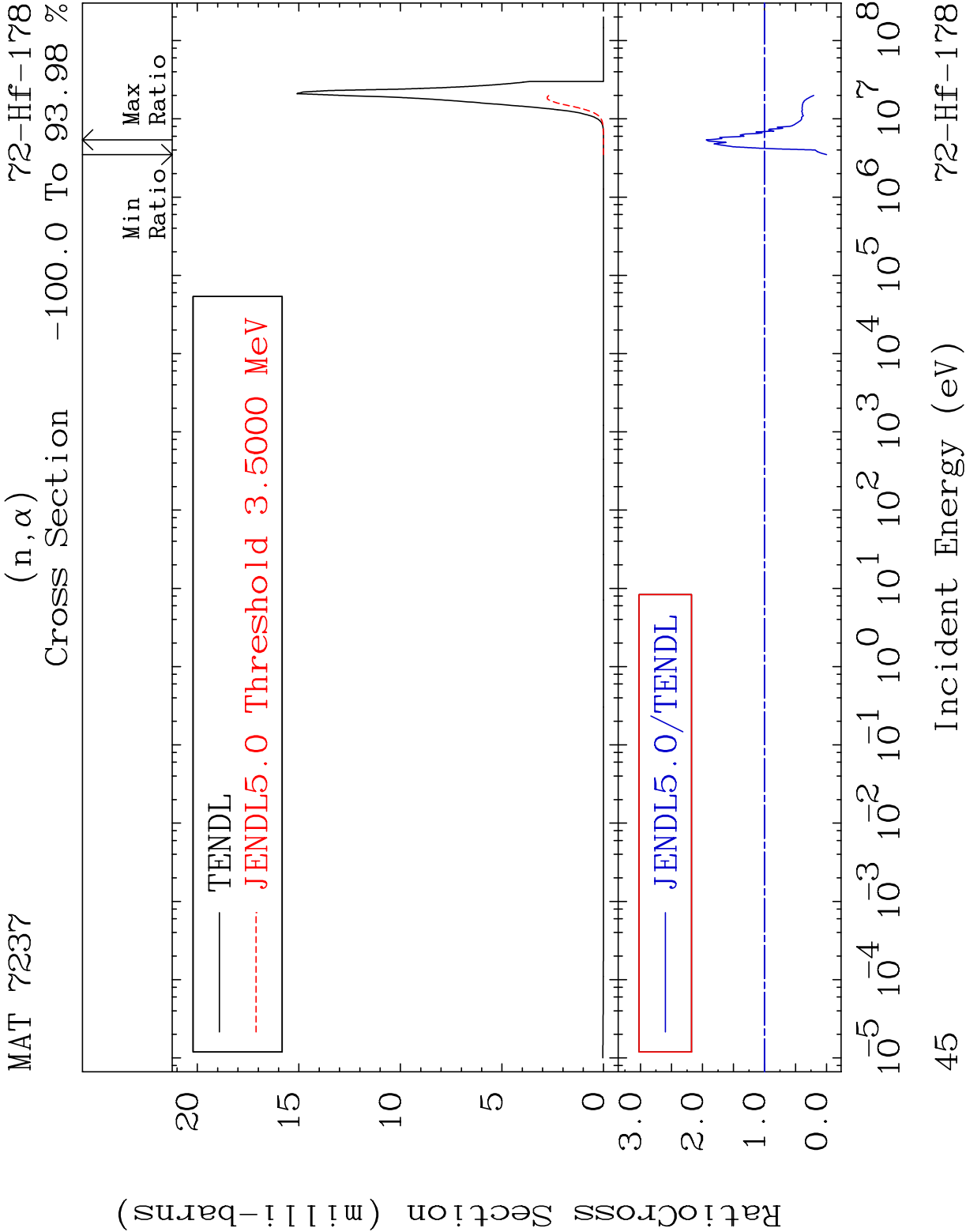
72-Hf-178

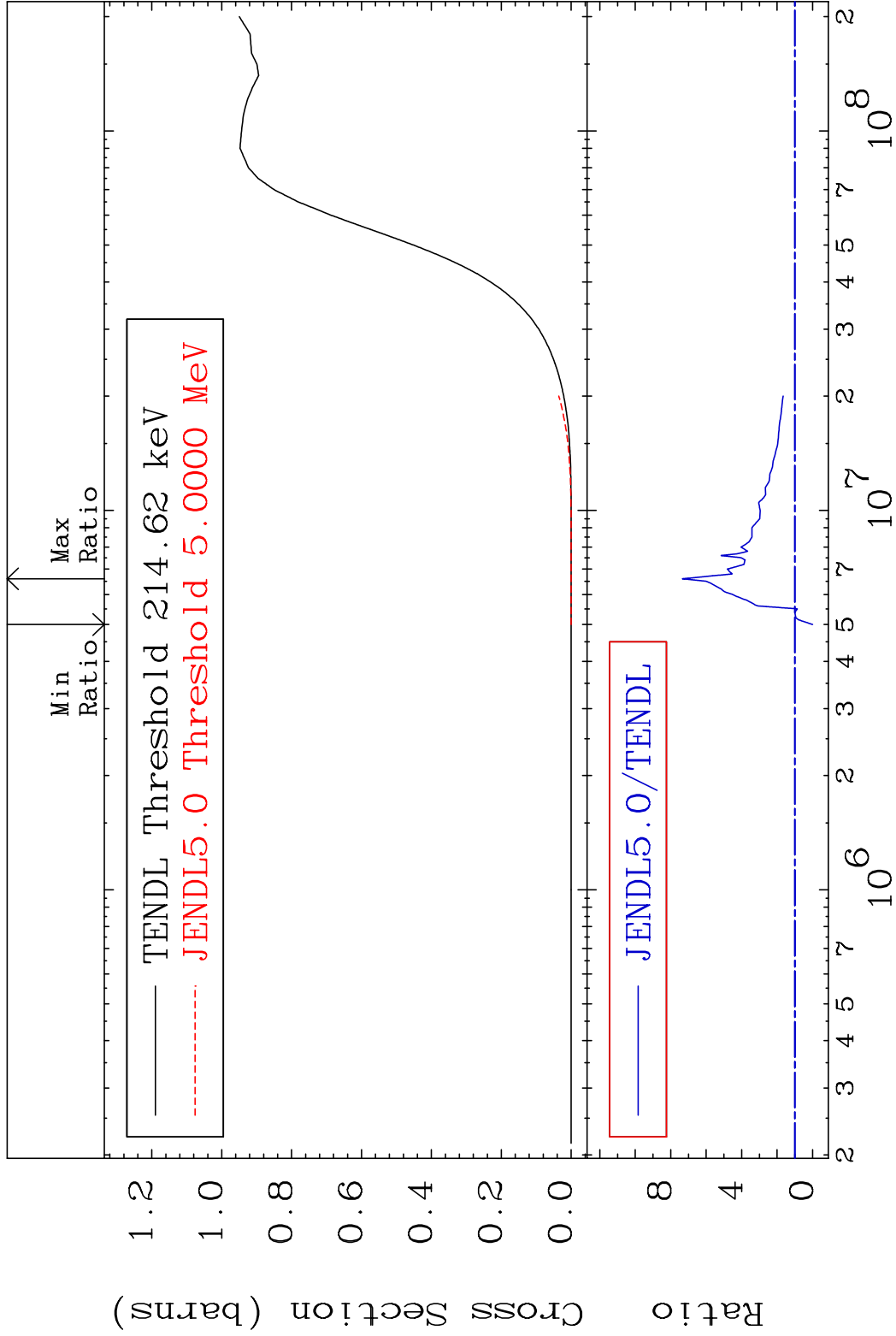




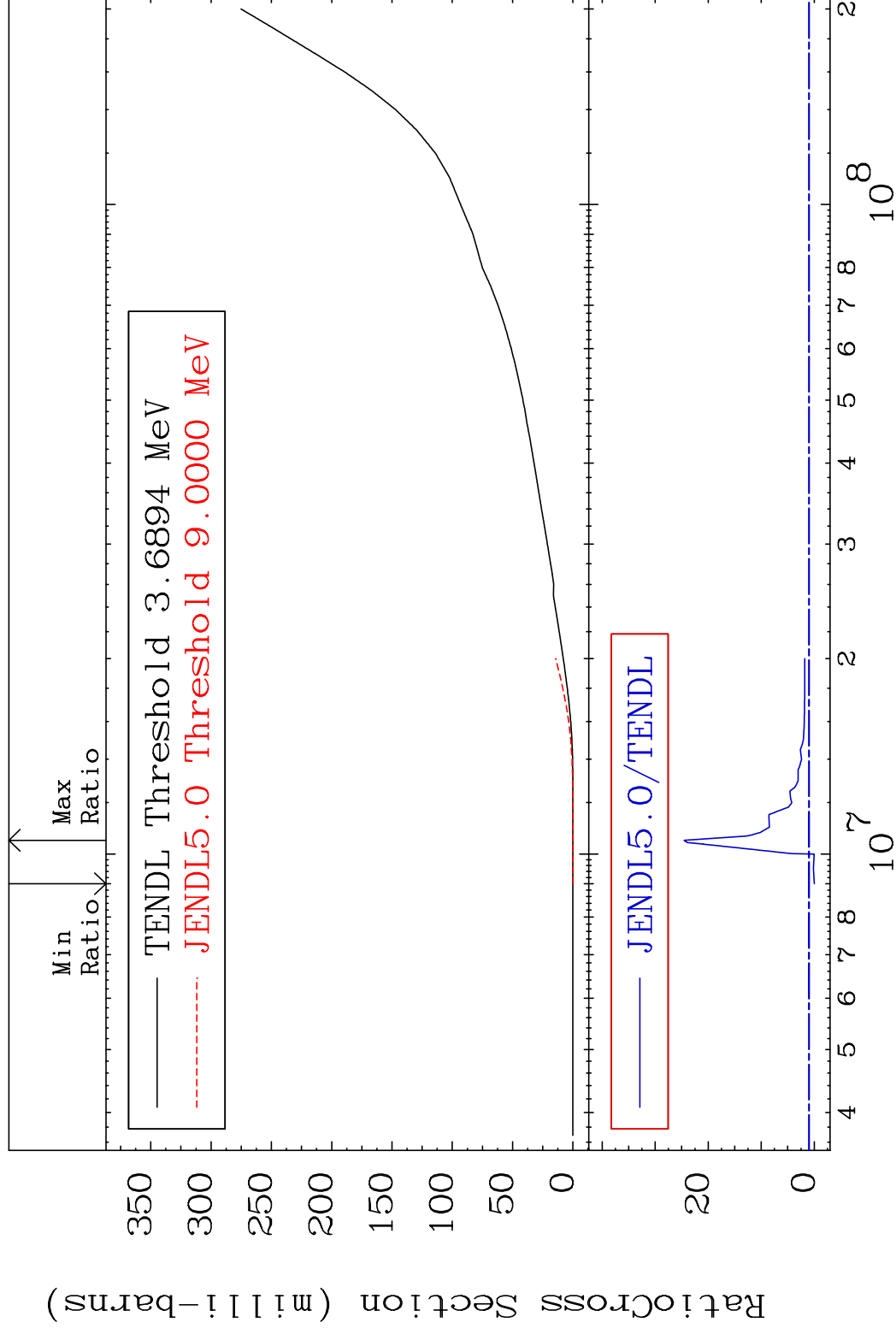


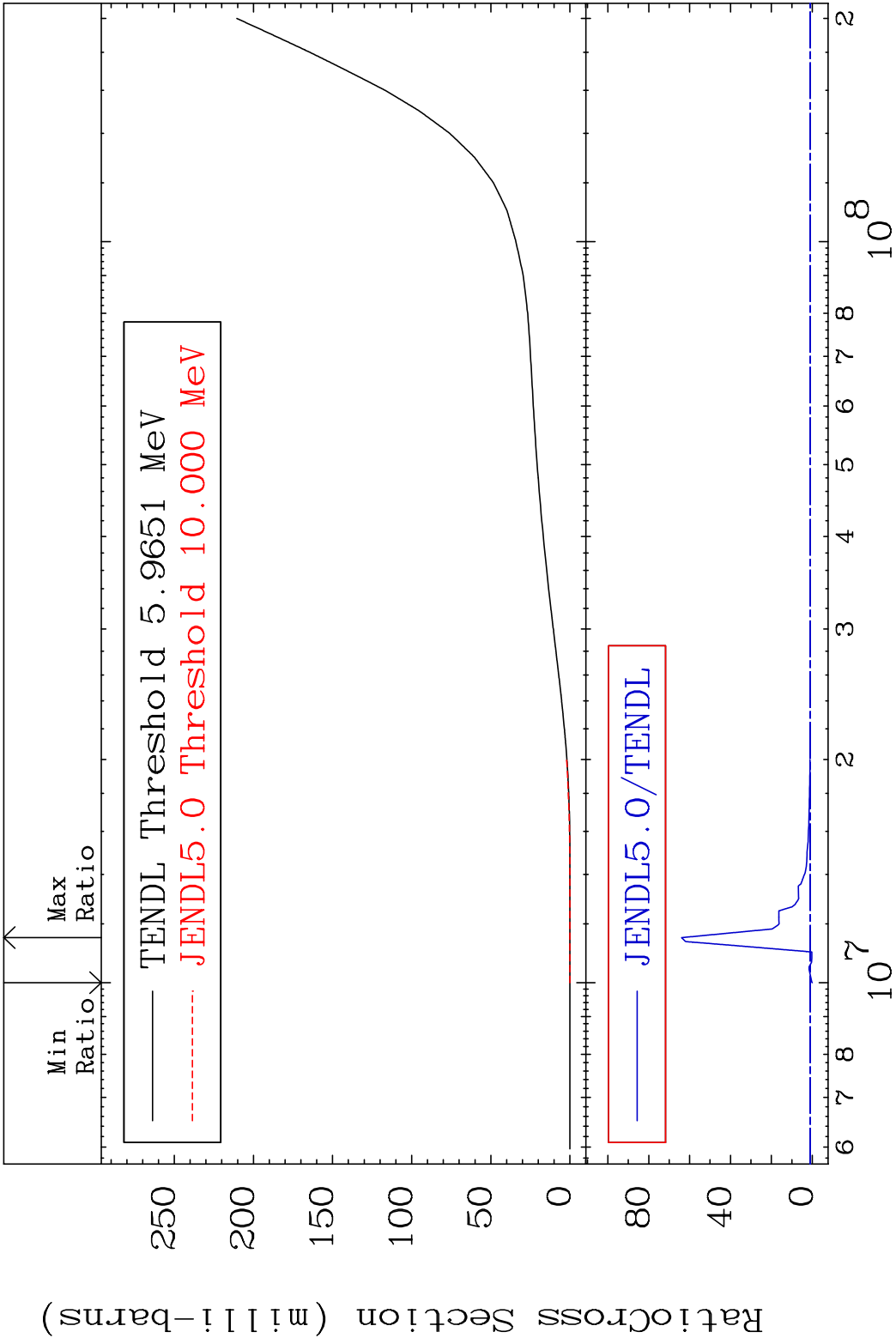


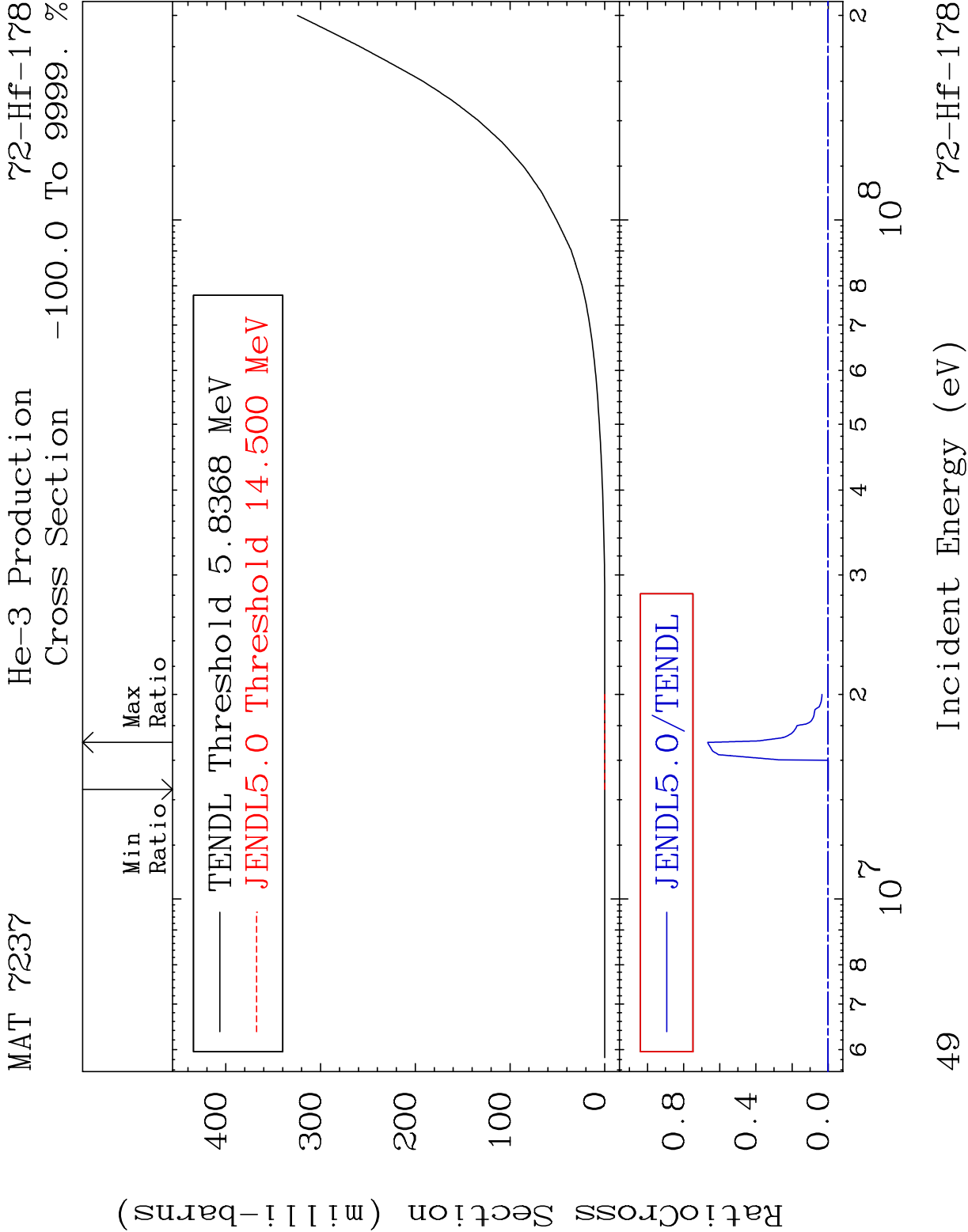




Cross Section -100.0 To 2355. %





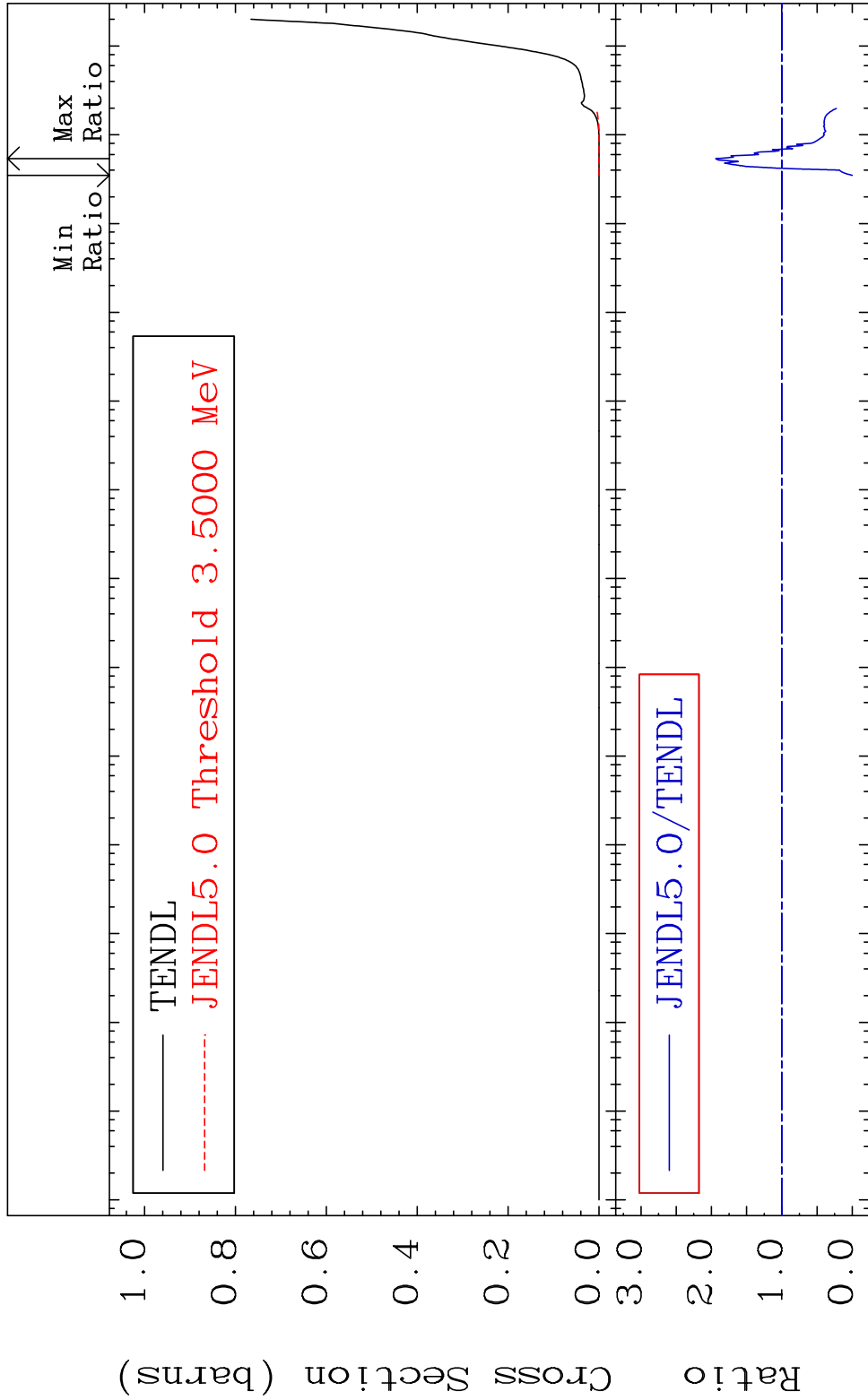


MAT 7237

He-4 Production

72-Hf-178

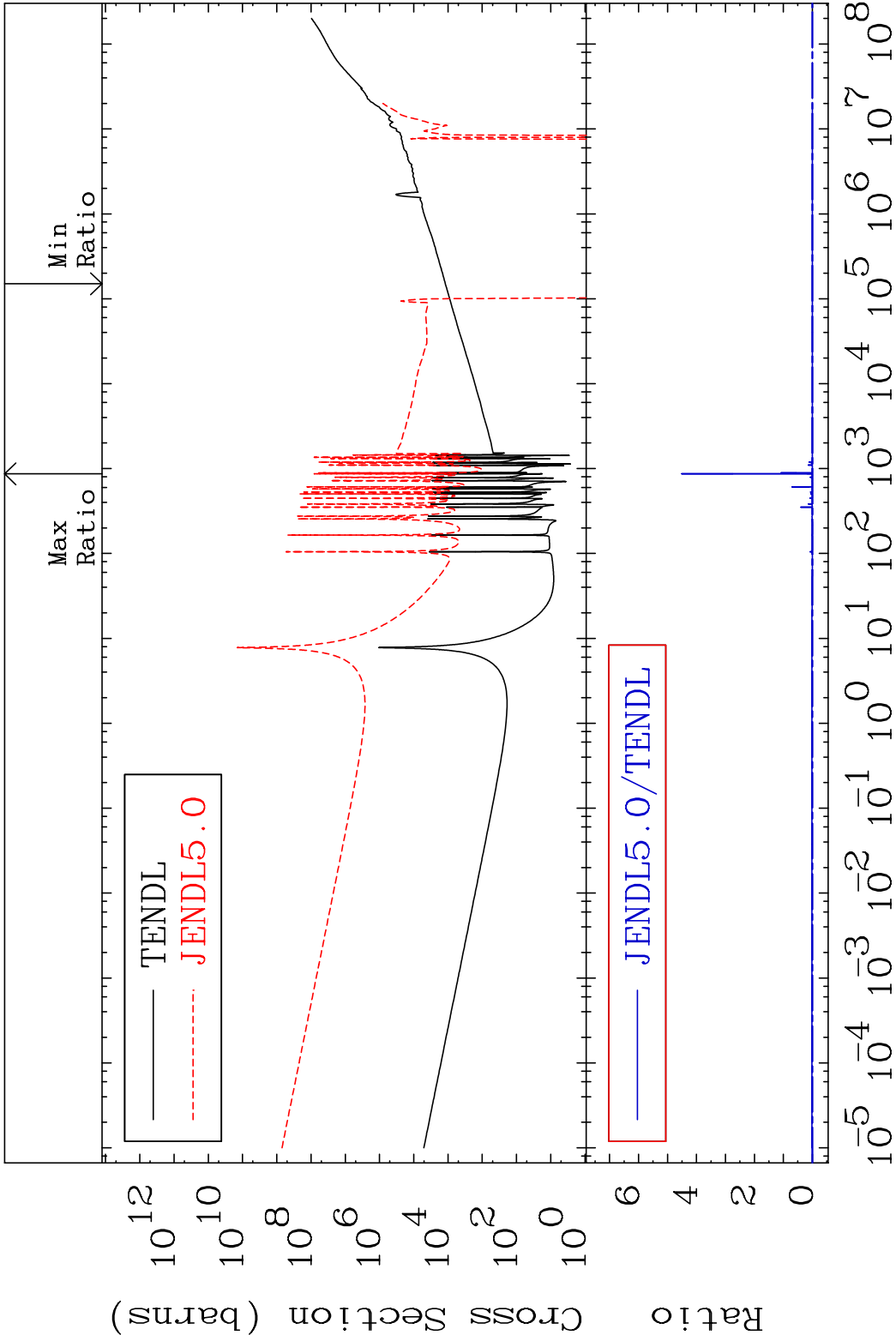
Cross Section -100.0 To 93.96 %

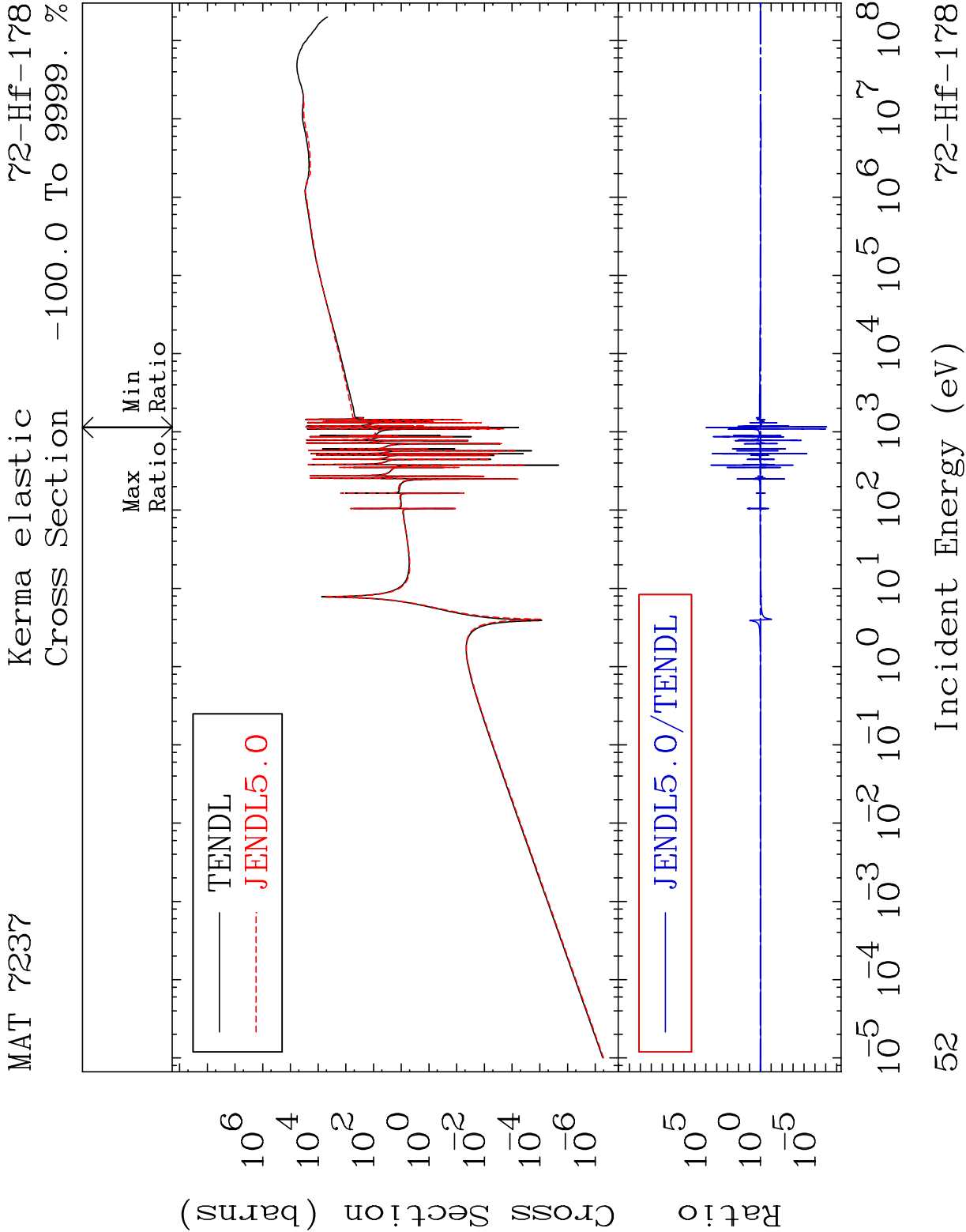


50

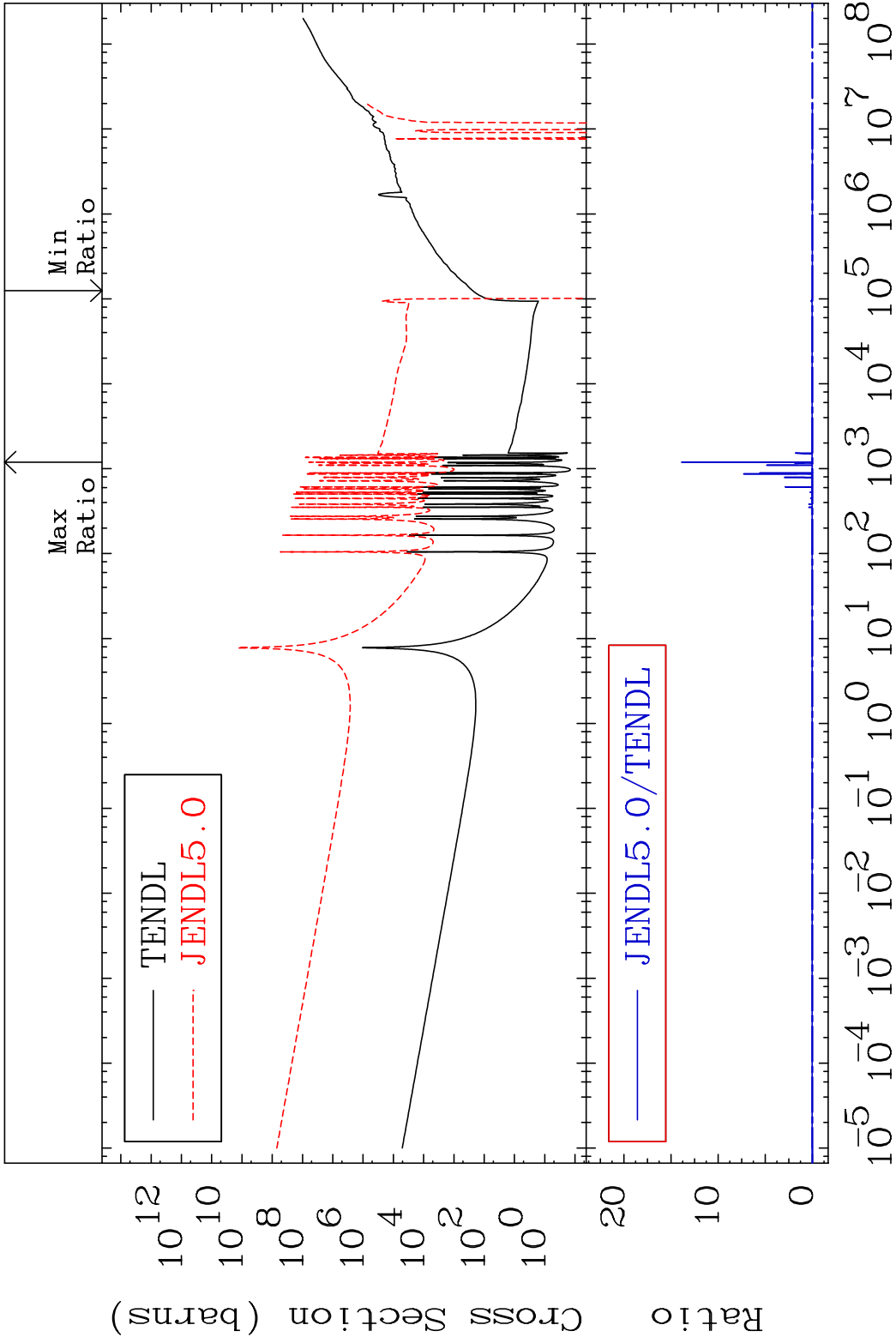
Incident Energy (eV)

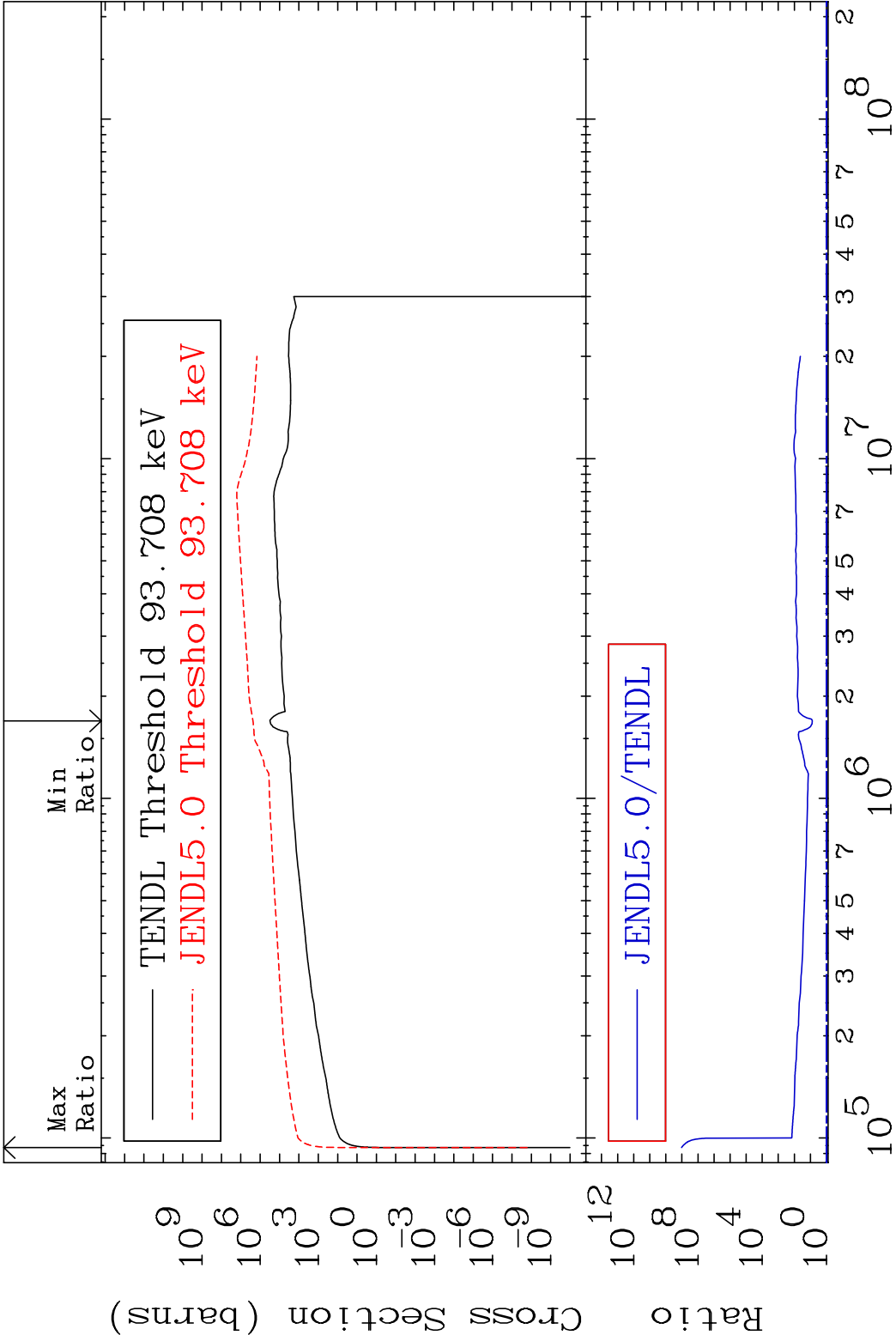
72-Hf-178



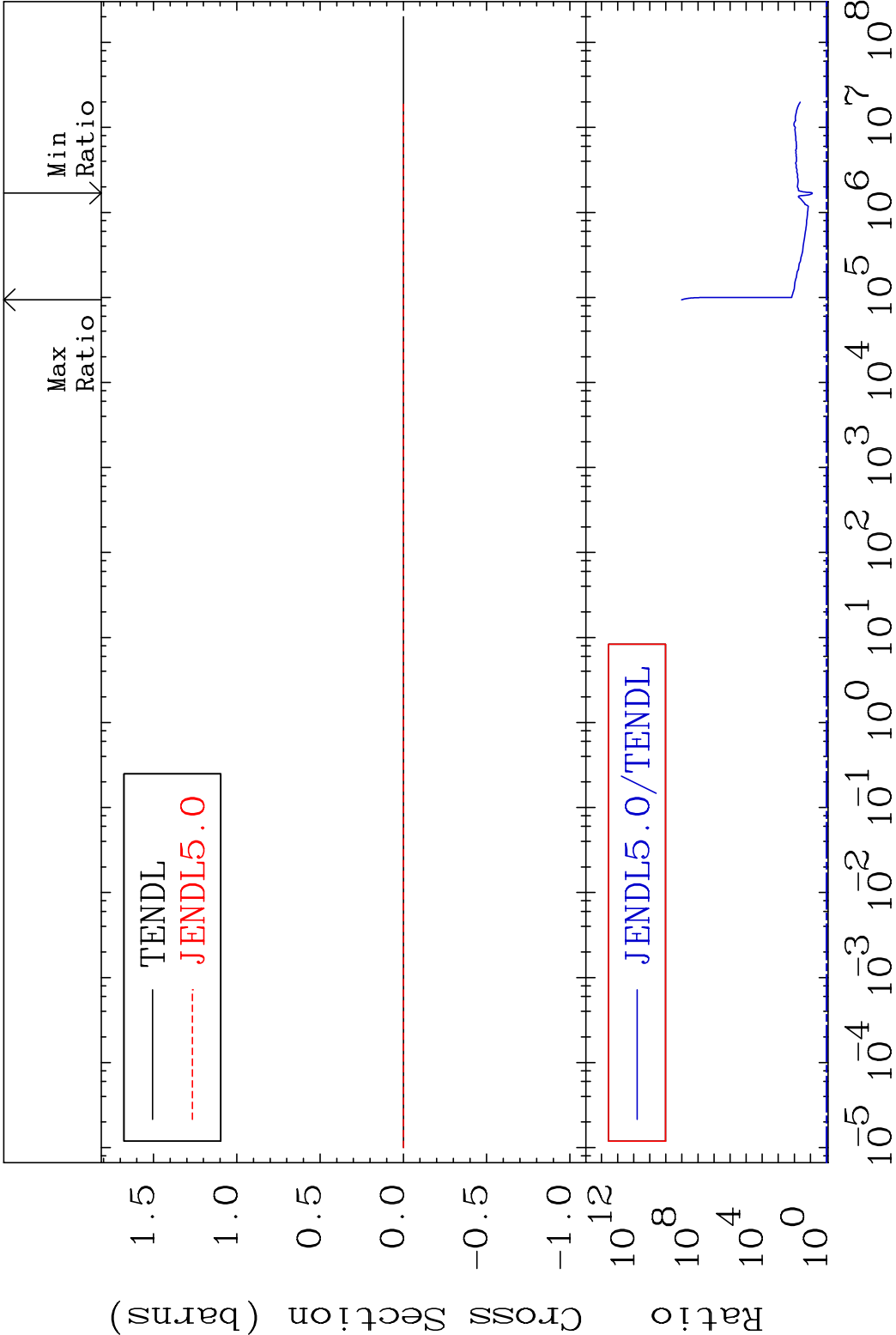


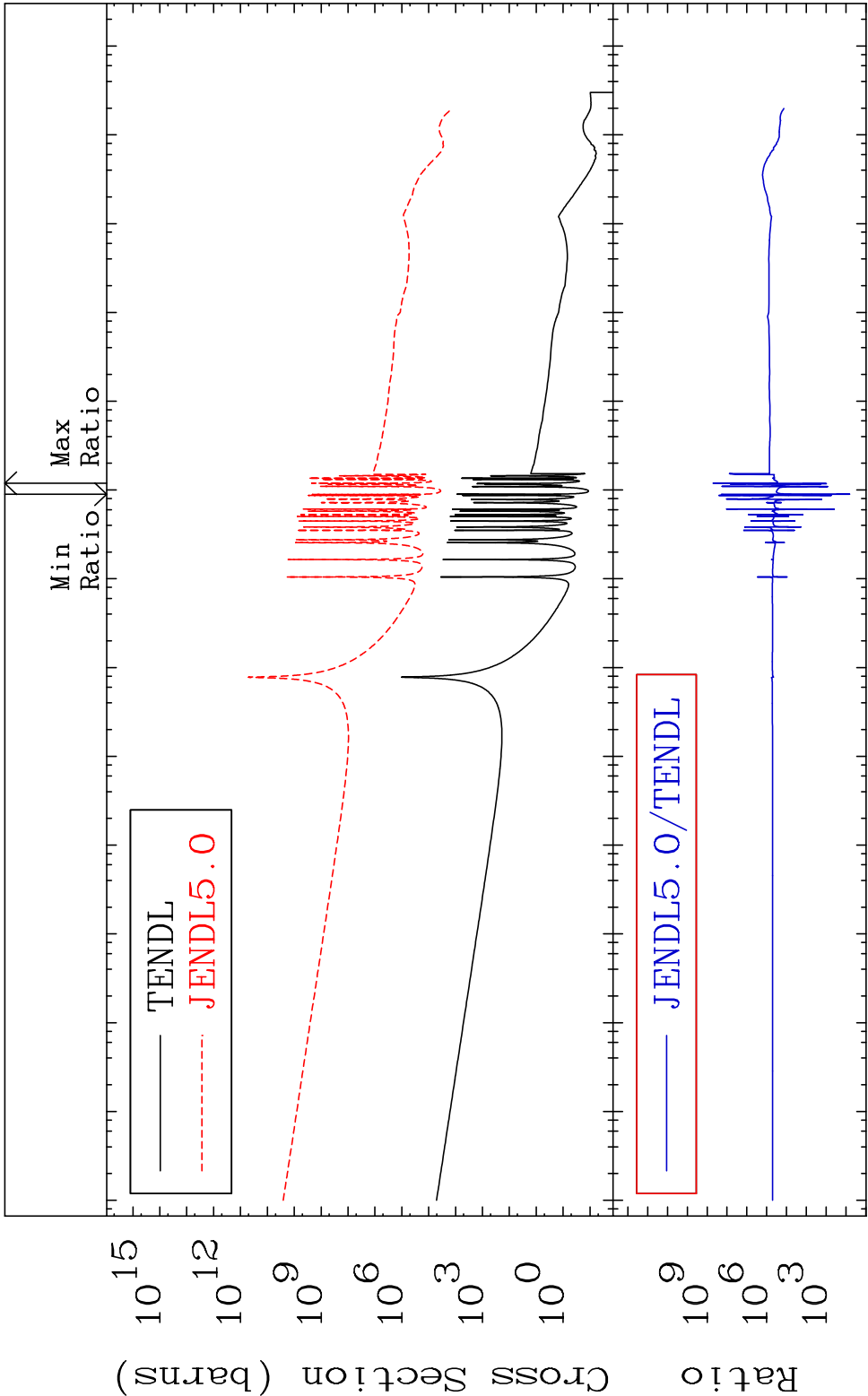
MAT 7237 Kerma non-elastic (all but mt2) 72-Hf-178
Cross Section -9999. To 9999. %

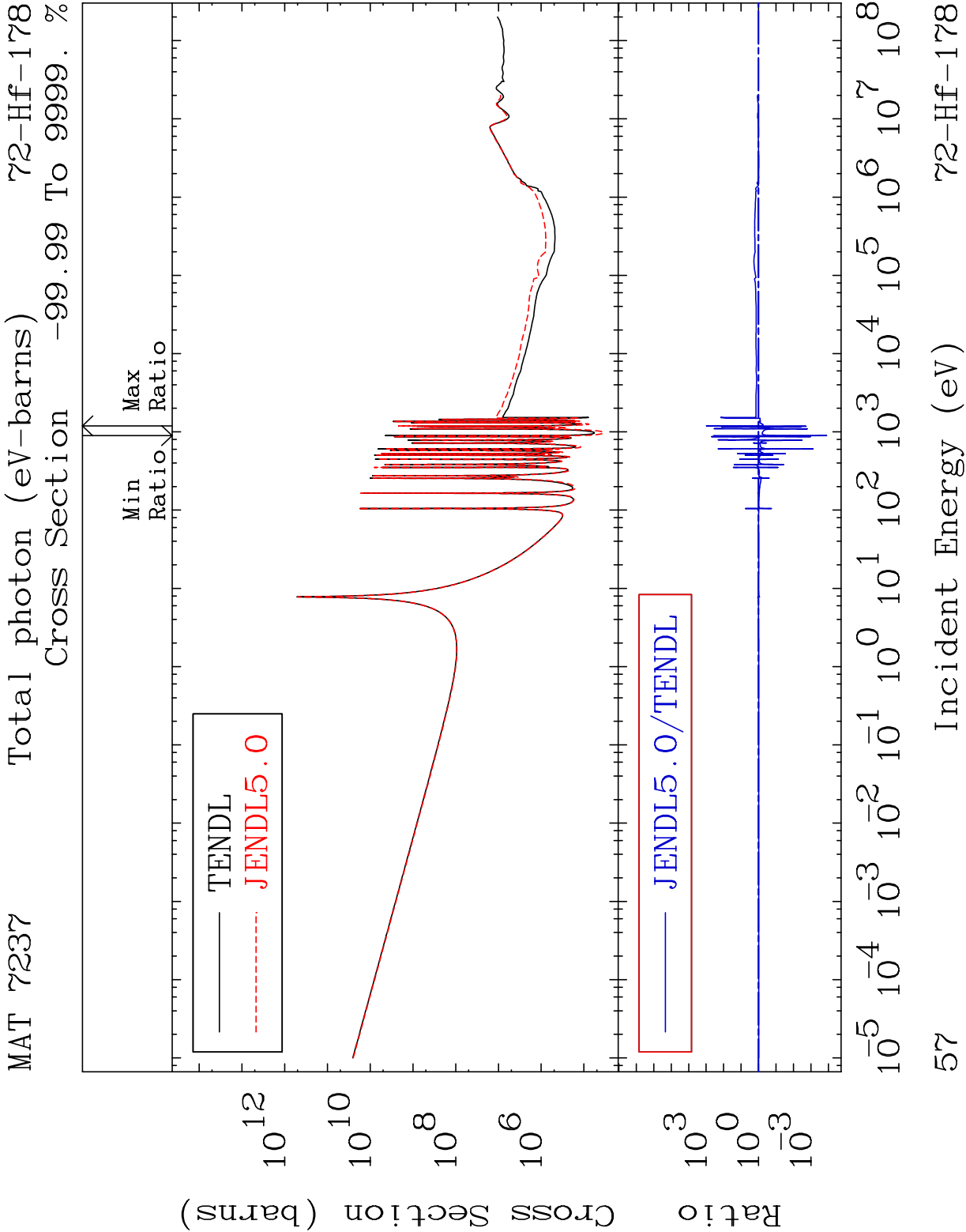




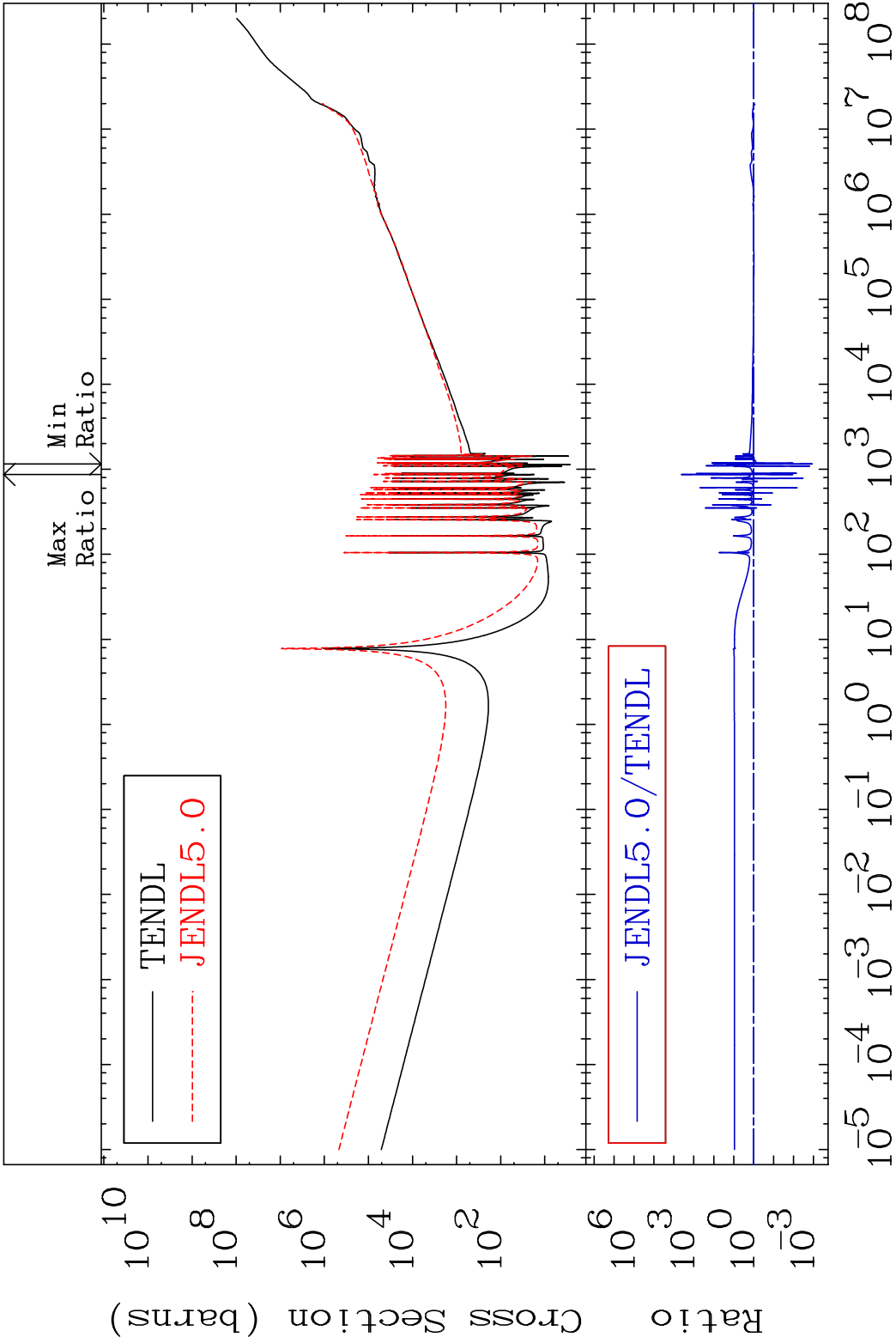
MAT 7237 Kerma fission (mt18 or mt19-20-21-38)72-Hf-178
Cross Section 668.2 To 9999. %

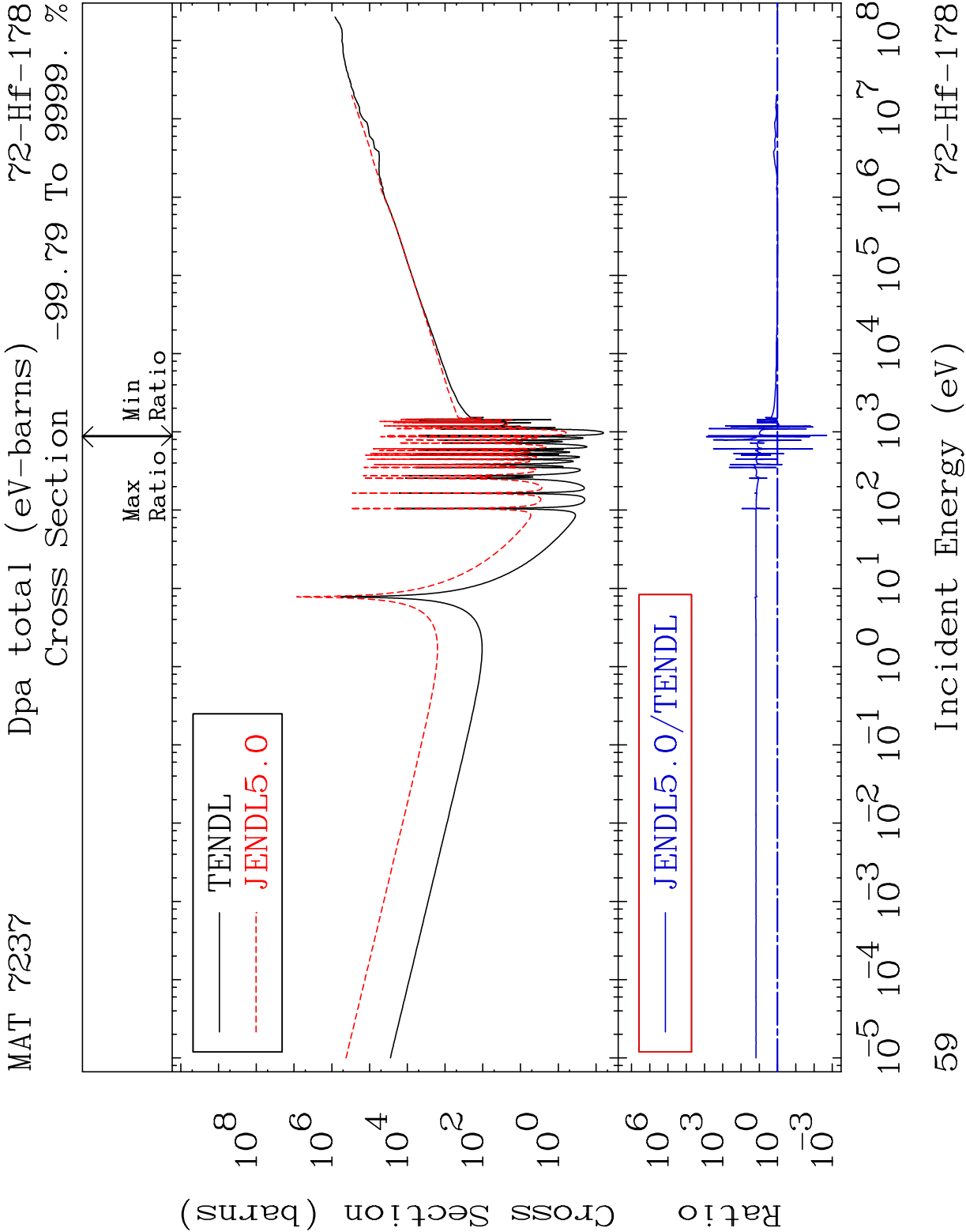




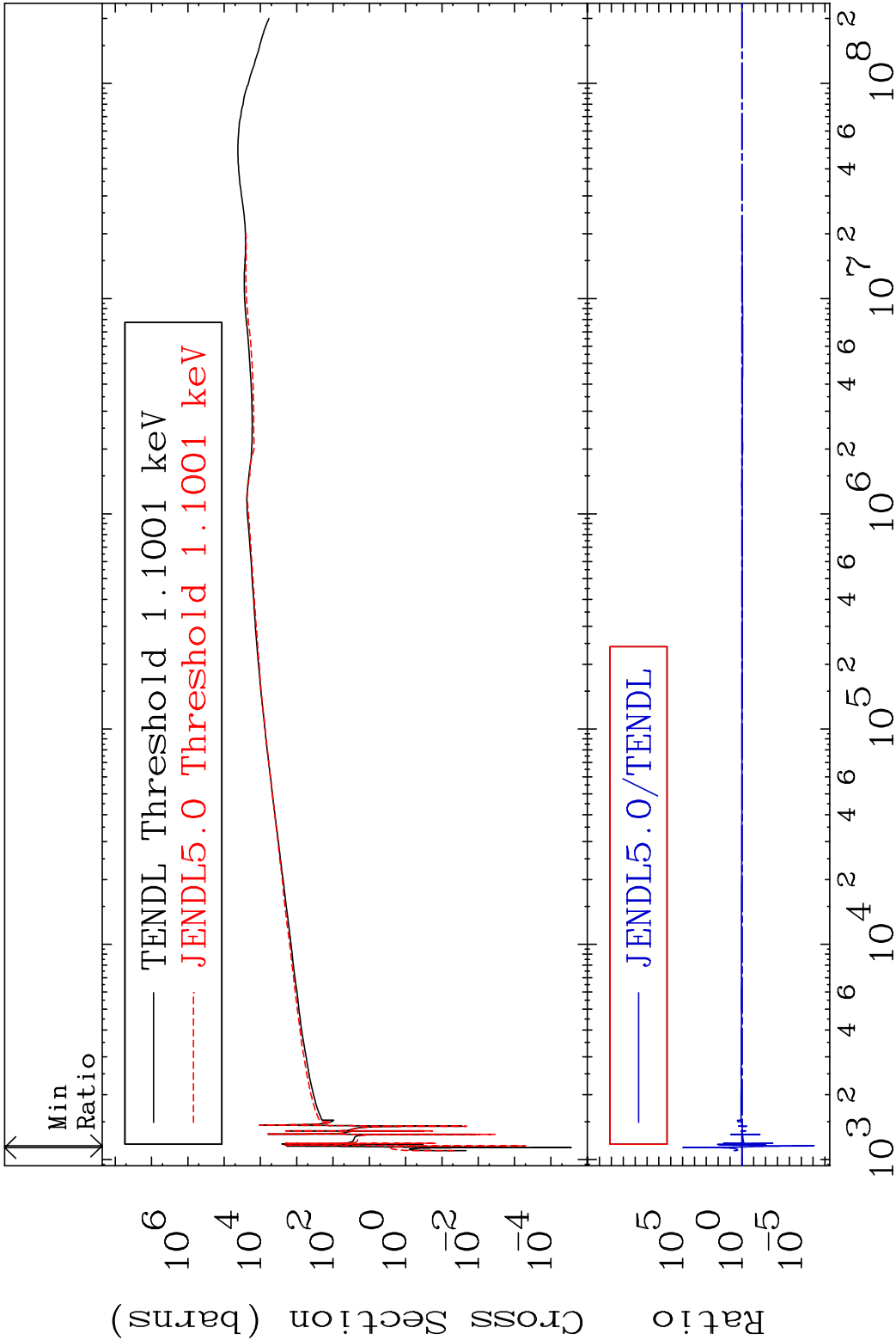


MAT 7237 Total kinematic kerma (high limit) 72-Hf-178
Cross Section -99.88 To 9999. %



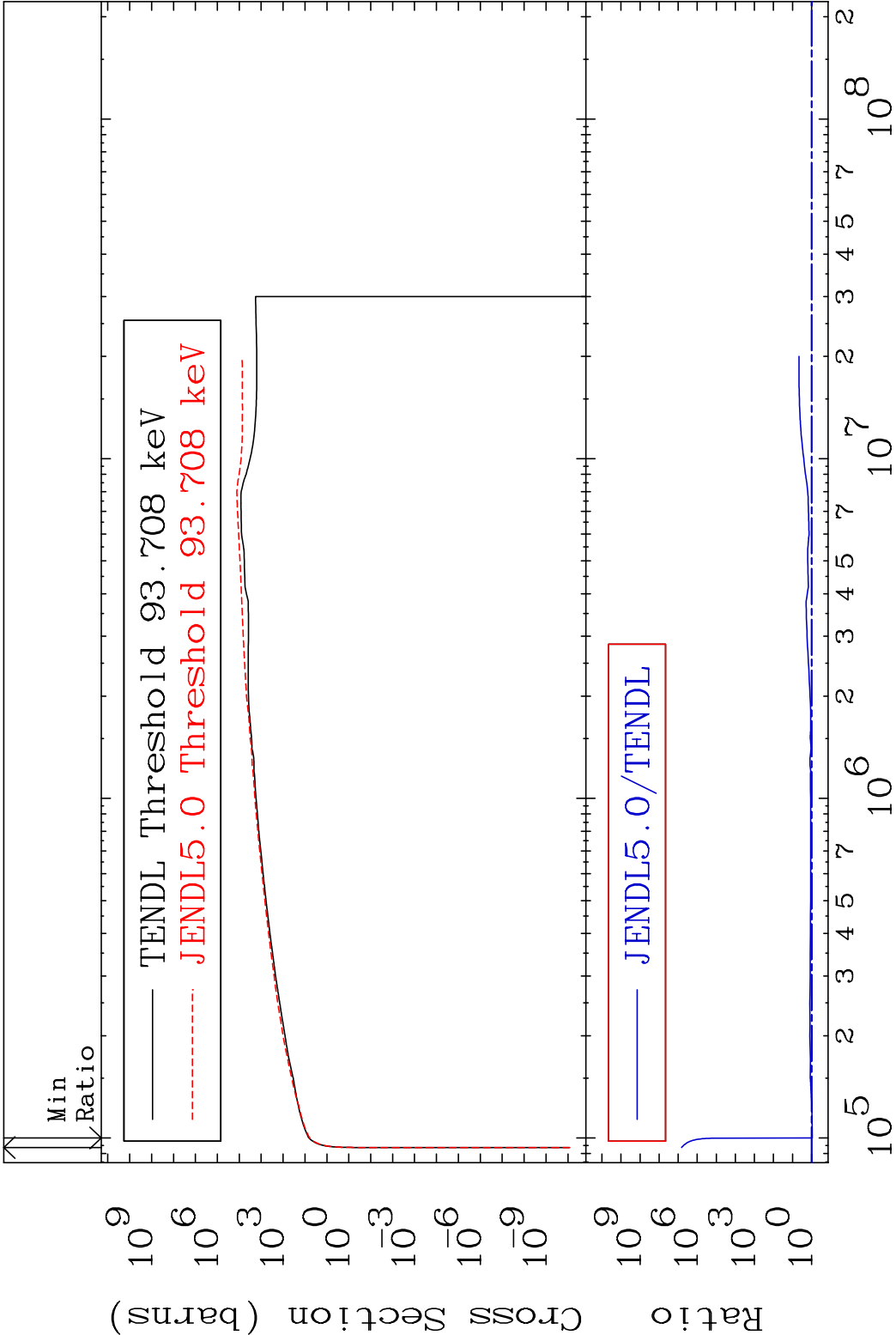


MAT 7237 Dpa elastic (mt2) 72-Hf-178
Cross Section -100.0 To 9999. %



60 Incident Energy (eV) 72-Hf-178

MAT 7237 Dpa inelastic (mt51-91) 72-Hf-178
Cross Section -7.757 To 9999. %



61 Incident Energy (eV) 72-Hf-178

MAT 7237 Dpa disappearance (mt102 -120) 72-Hf-178
Cross Section -99.79 To 9999. %

