

Program Complot
(Version 2021-1)

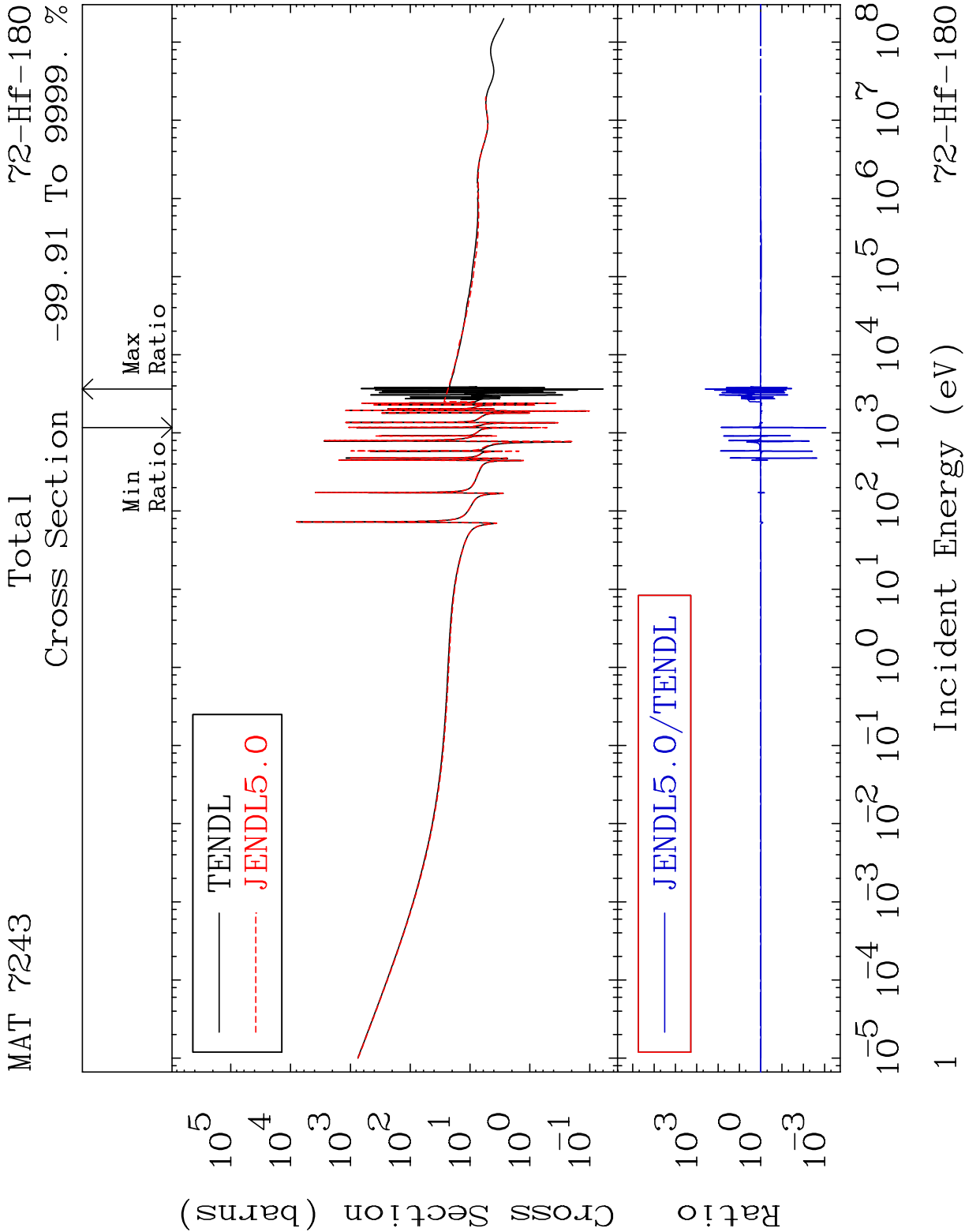
by

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Press Mouse Button to Start

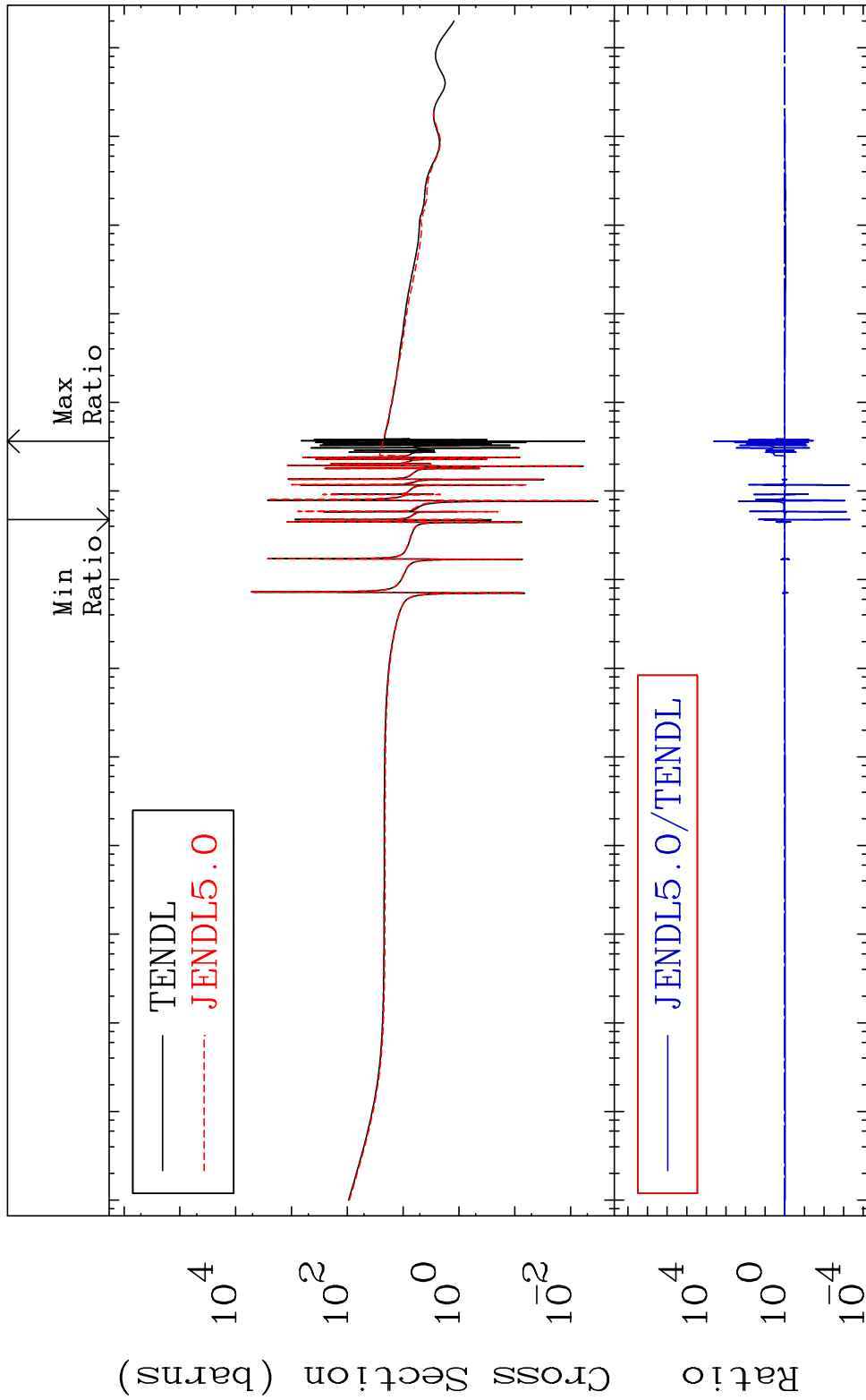


MAT 7243

Elastic

72-Hf-180

Cross Section -99.95 To 9999. %

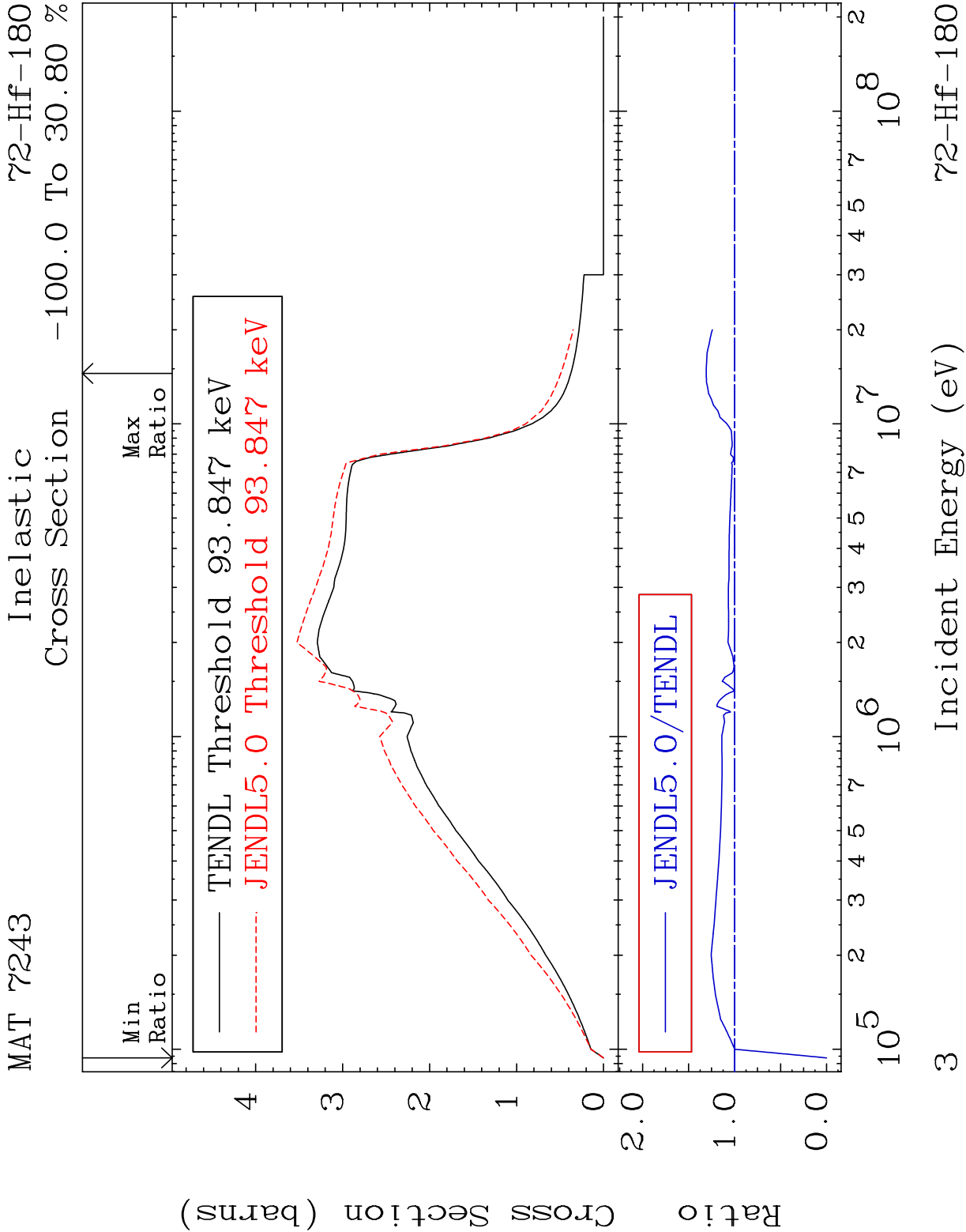


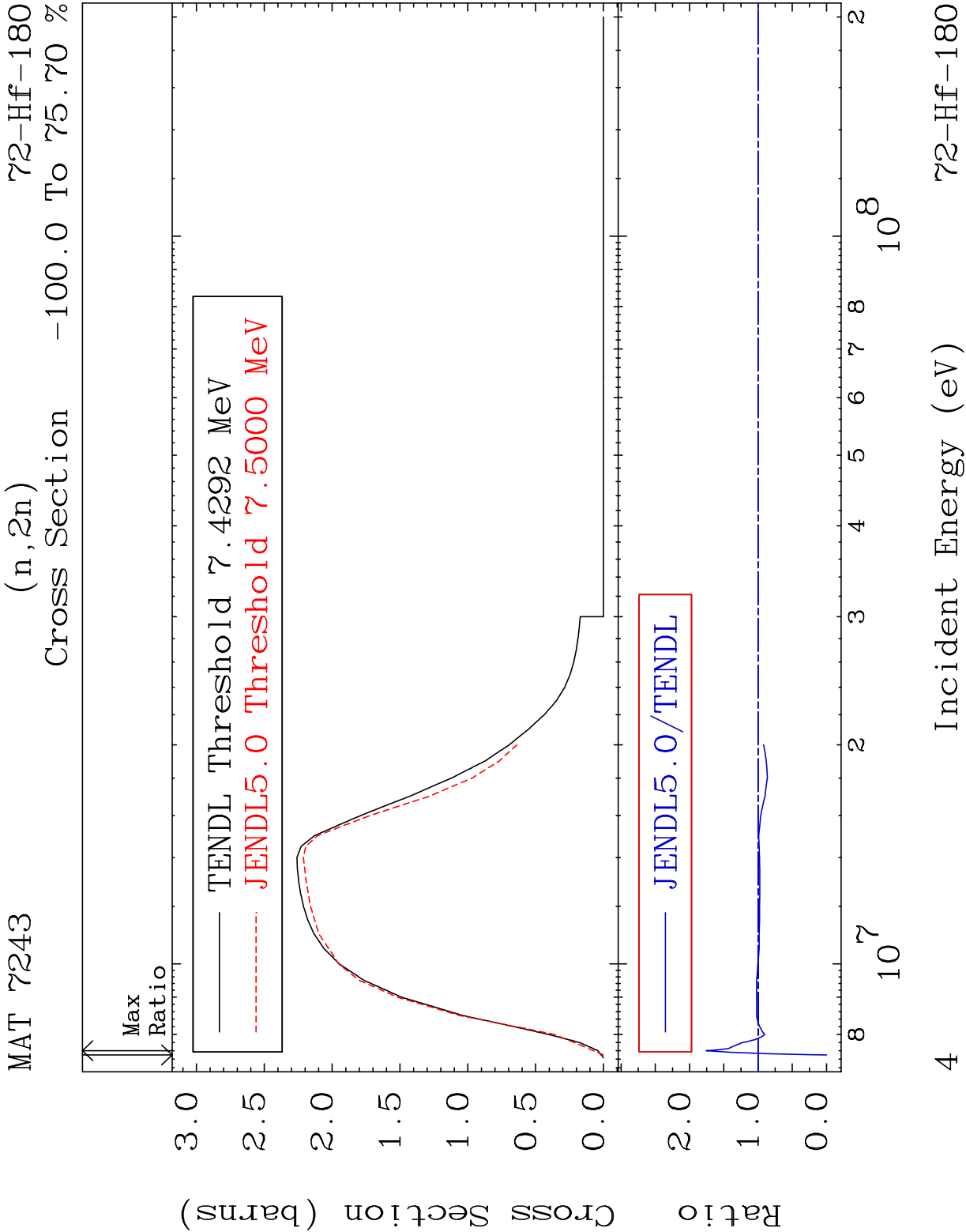
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

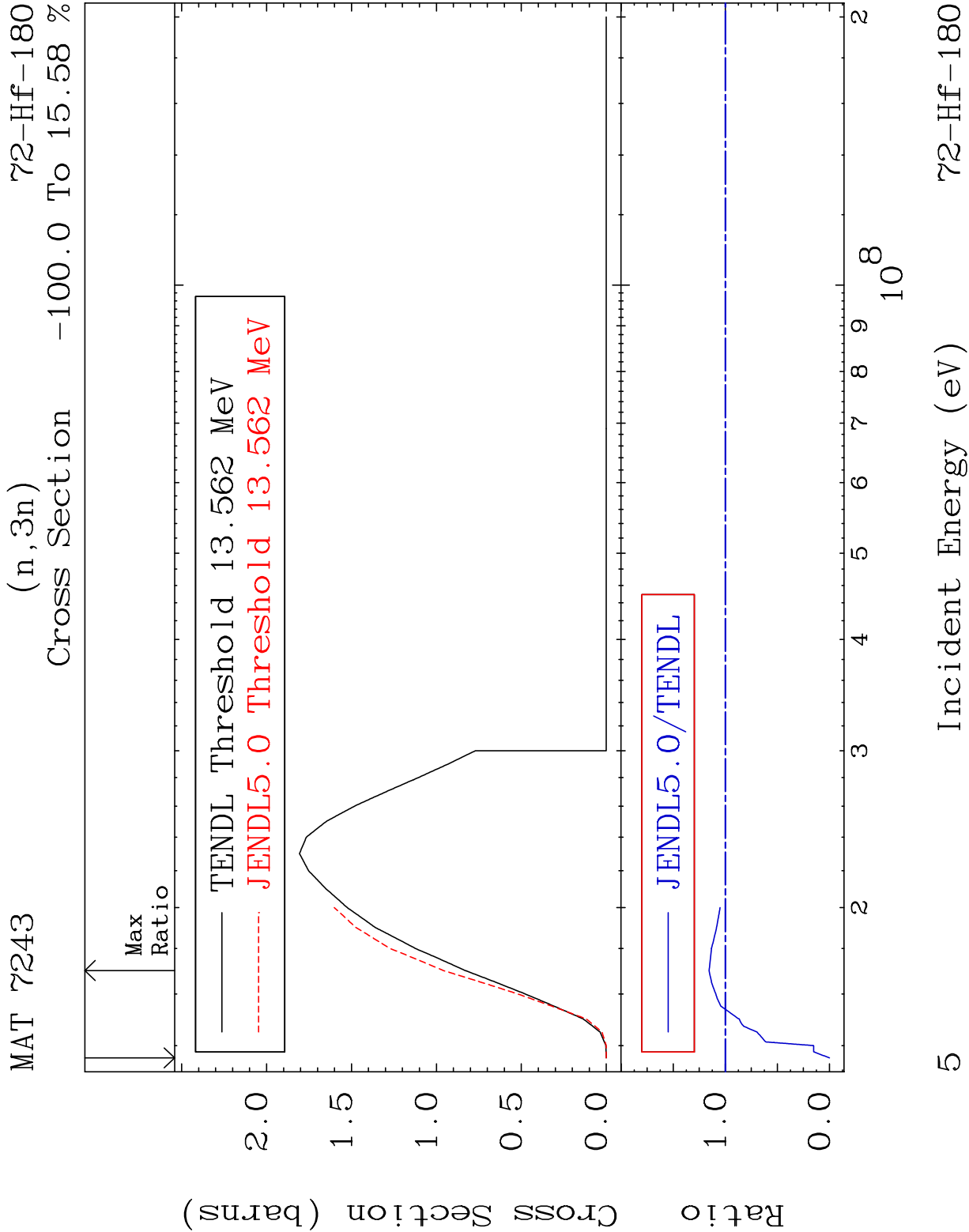
2

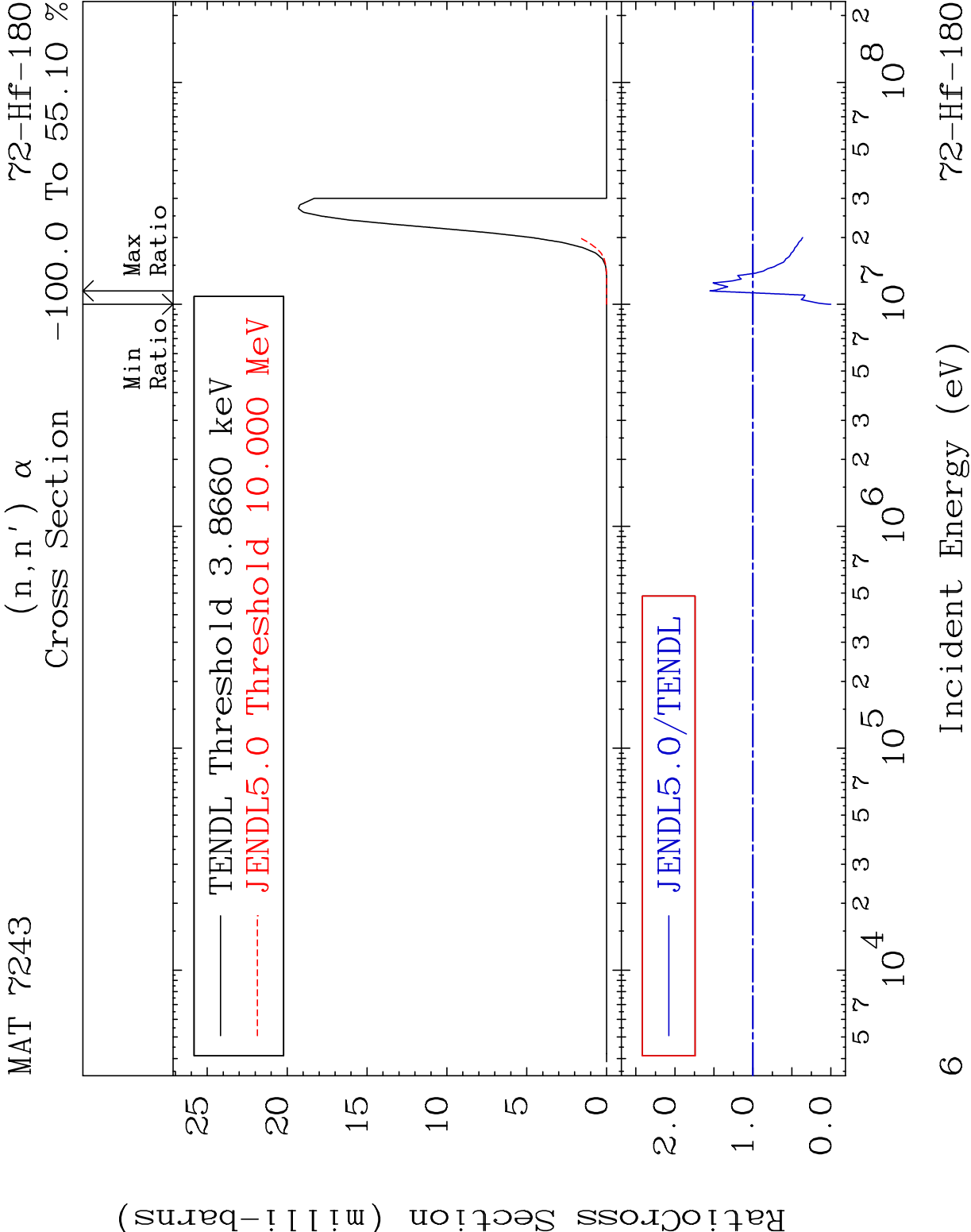
Incident Energy (eV)

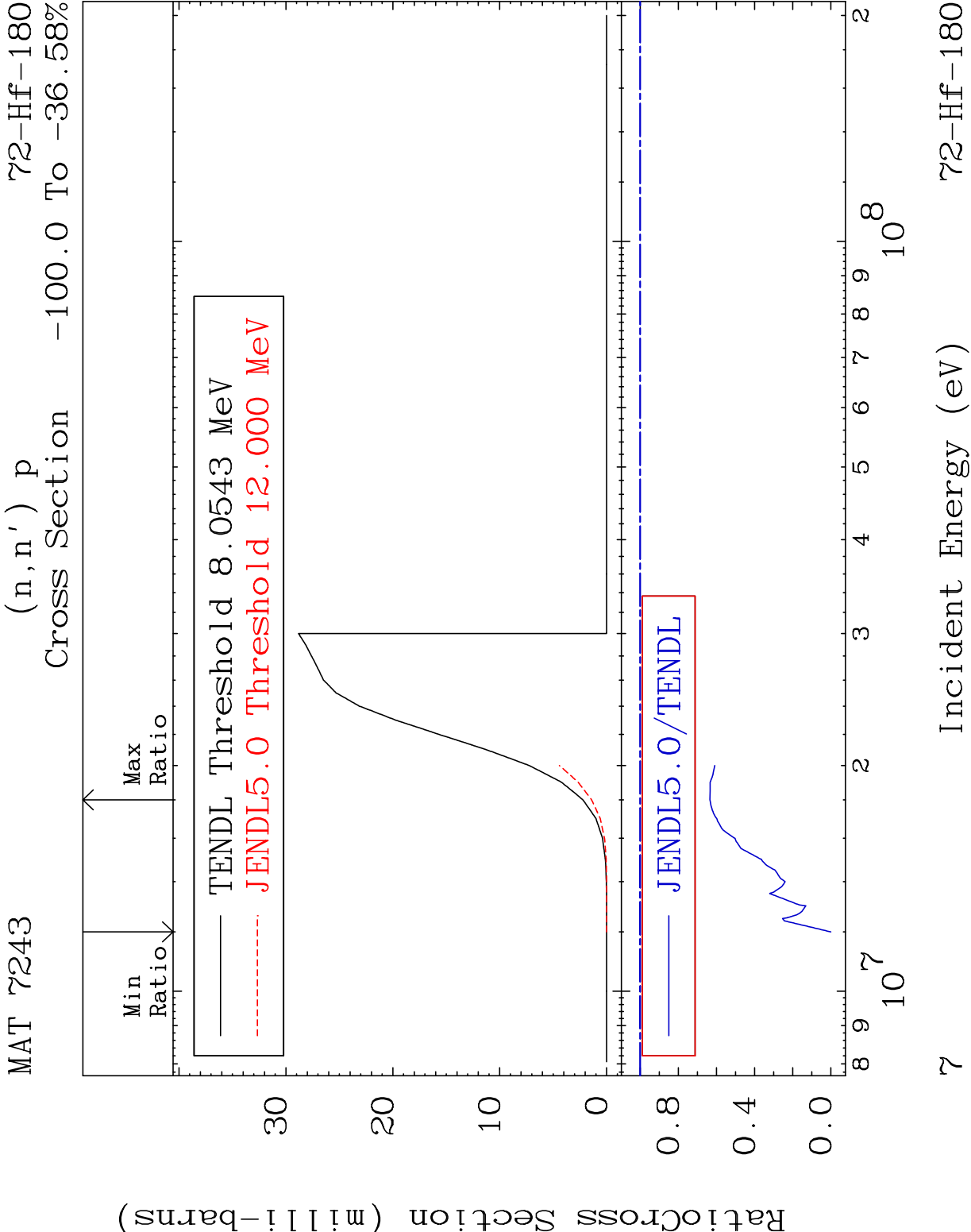
72-Hf-180



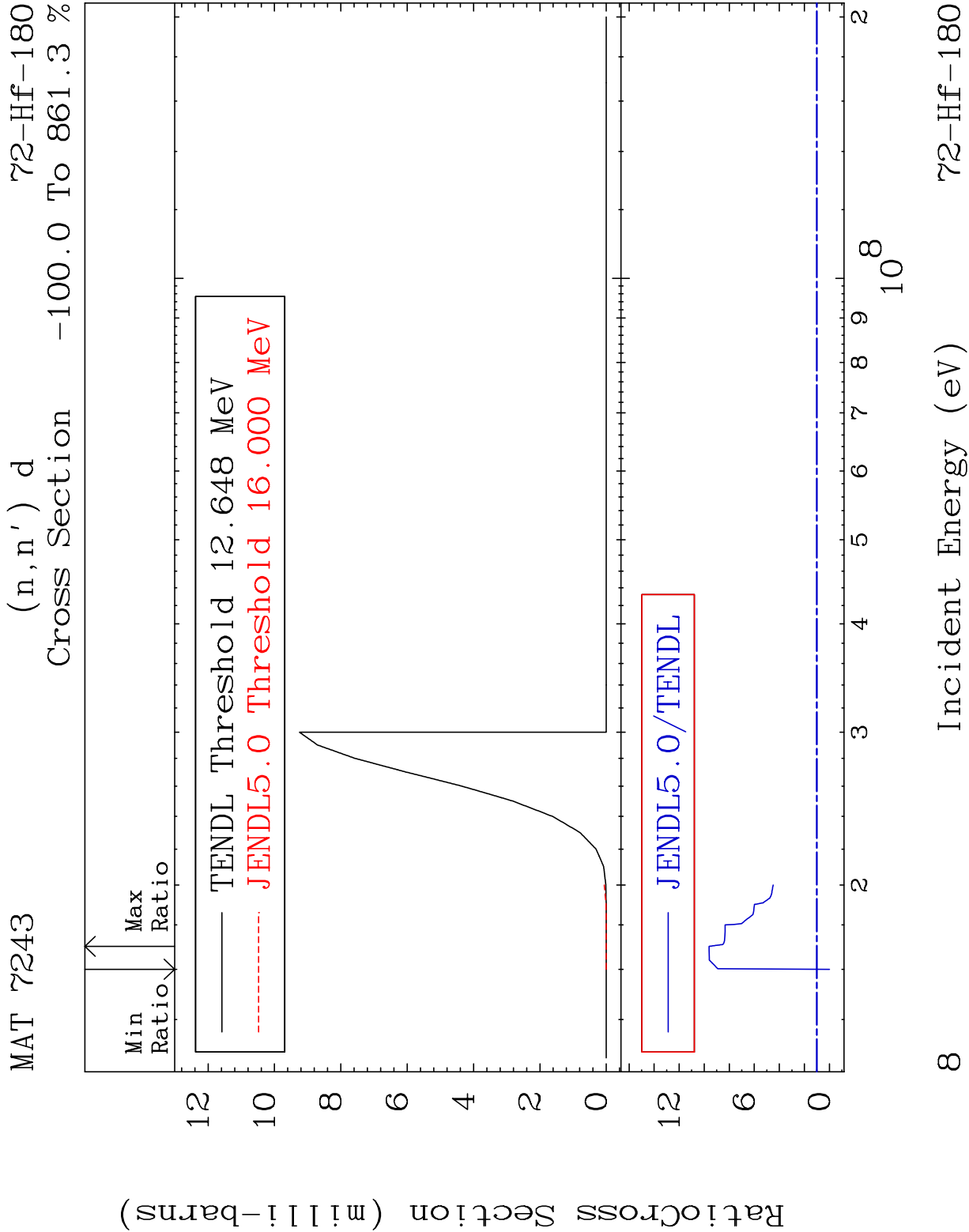




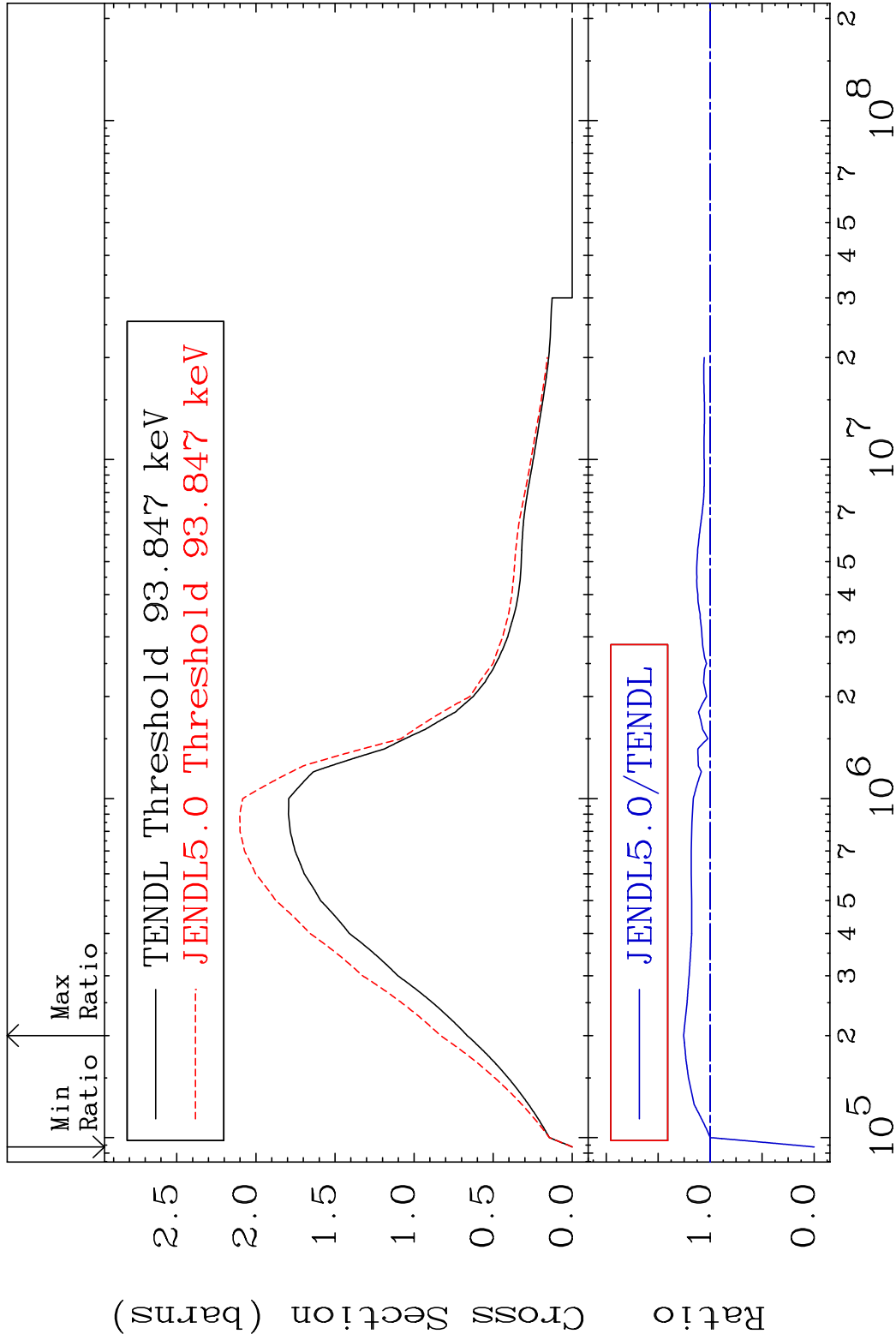




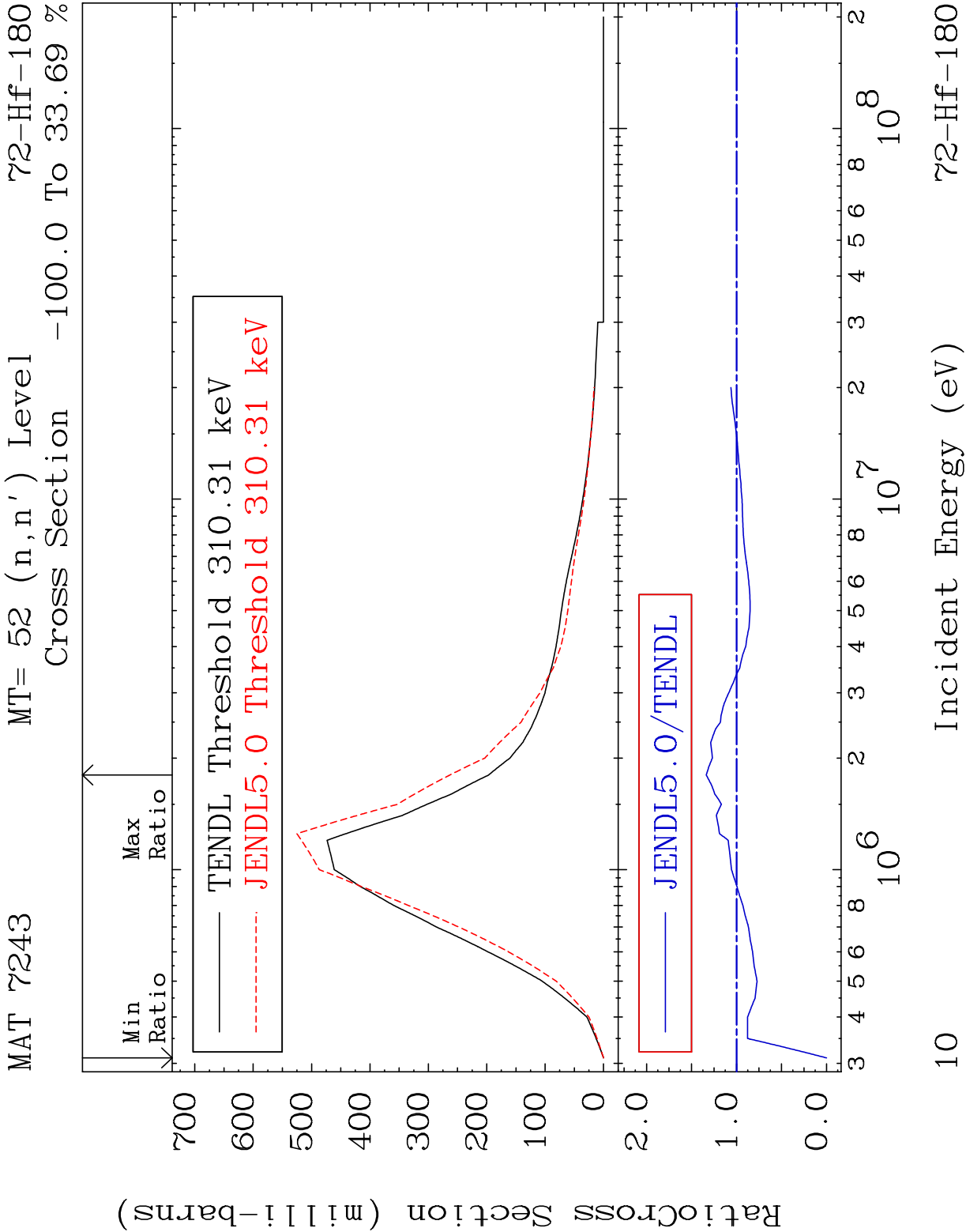
72-Hf-180



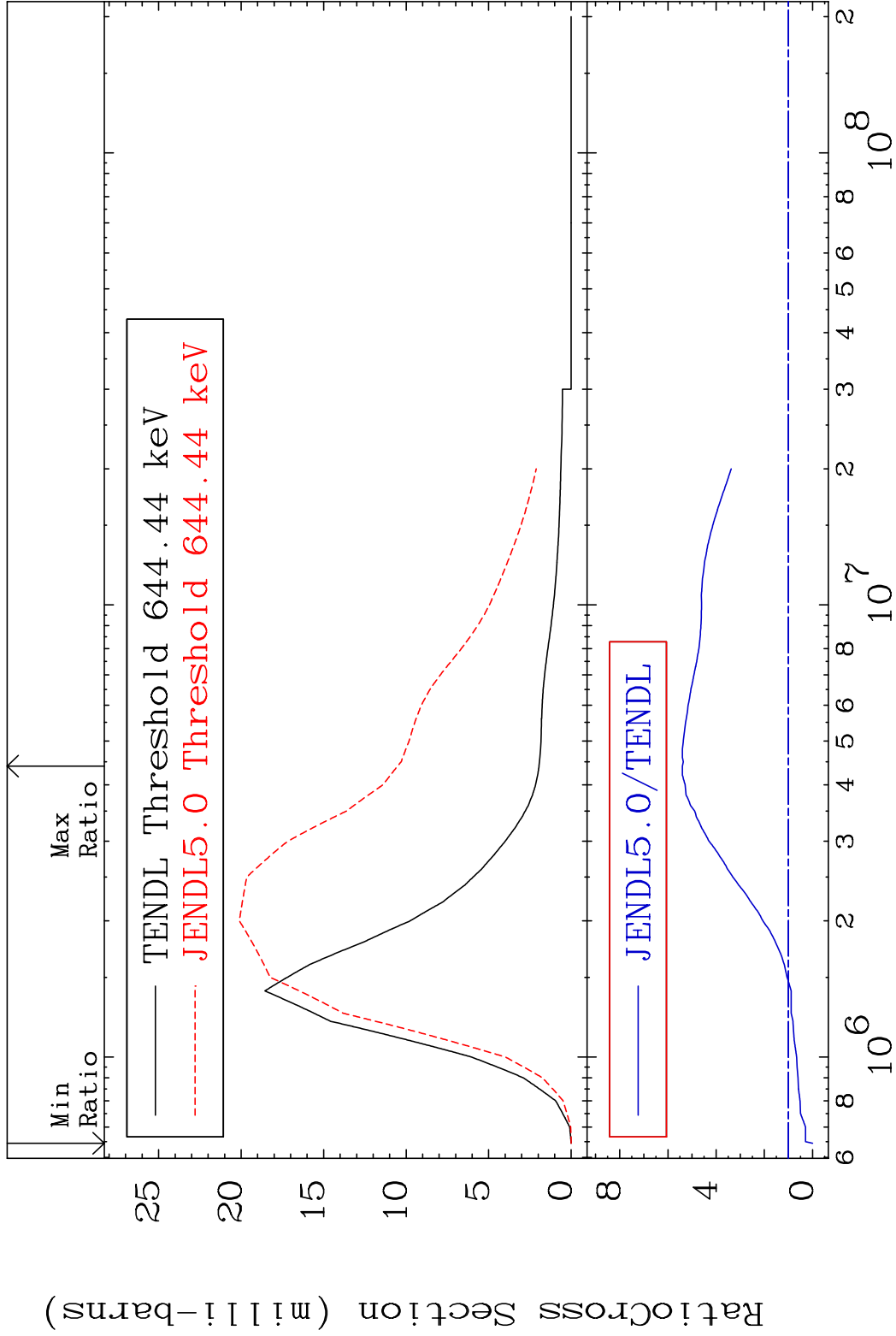
MAT 7243 MT= 51 (n,n') Level 72-Hf-180
Cross Section -100.0 To 25.45 %

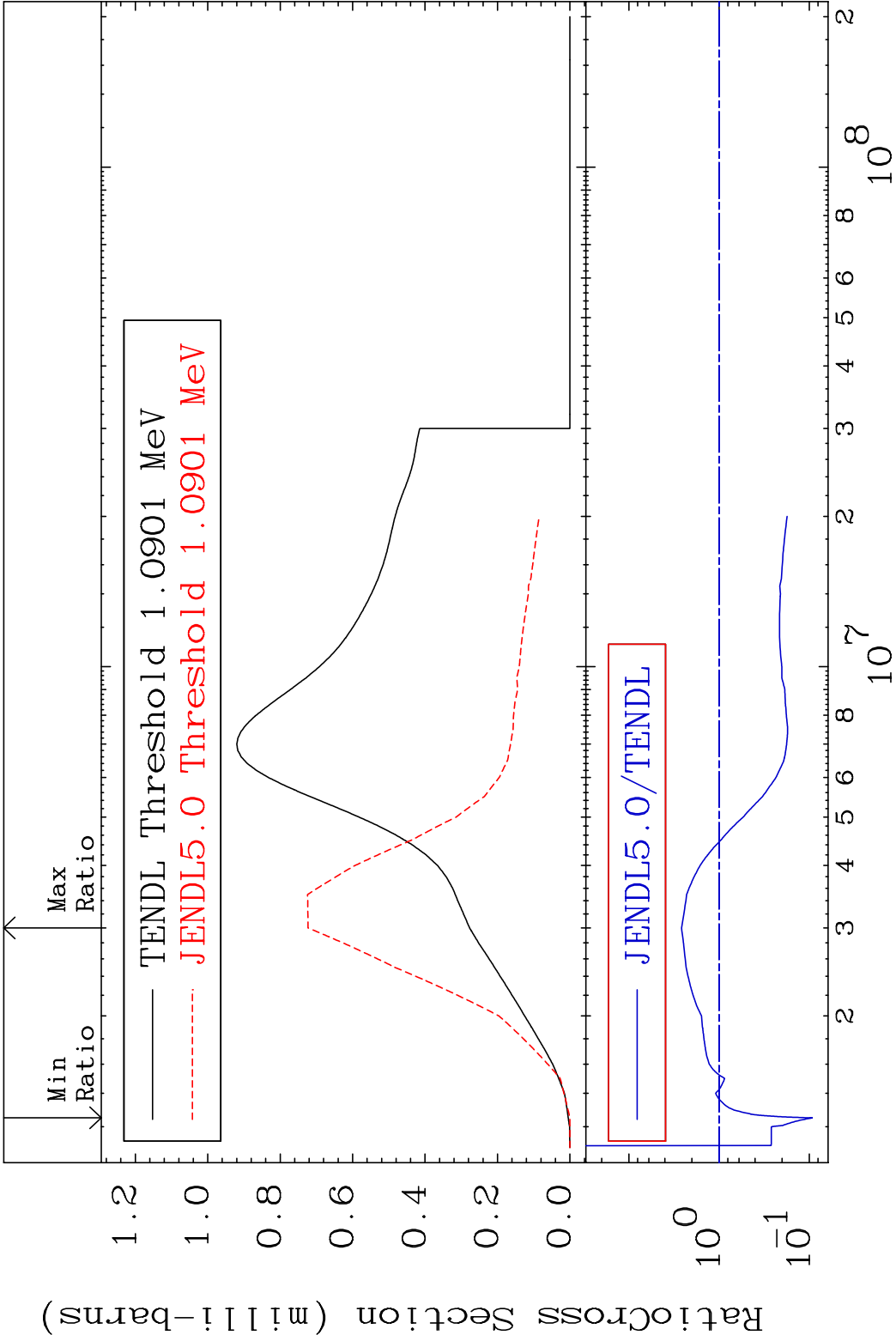


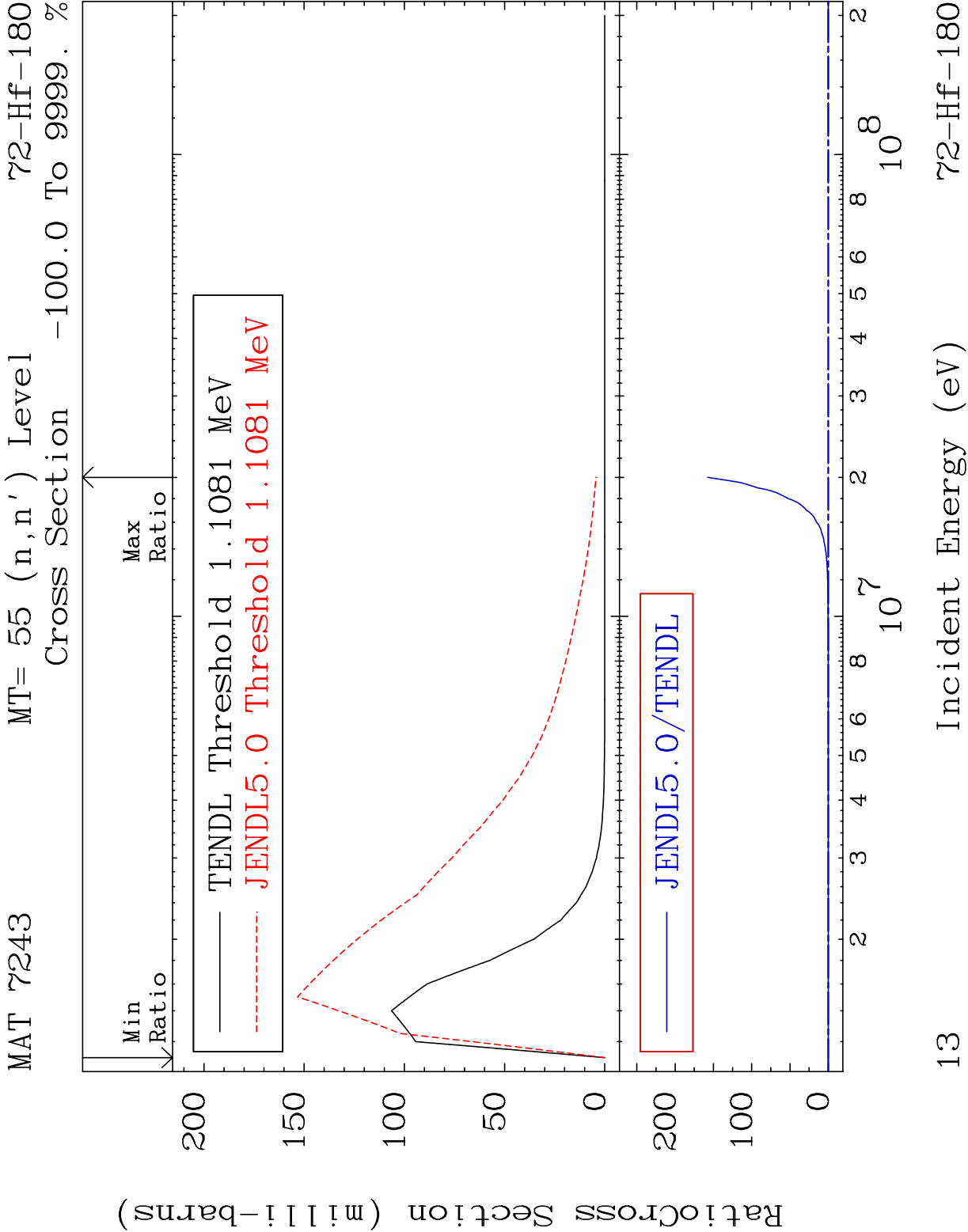
9 Incident Energy (eV) 72-Hf-180

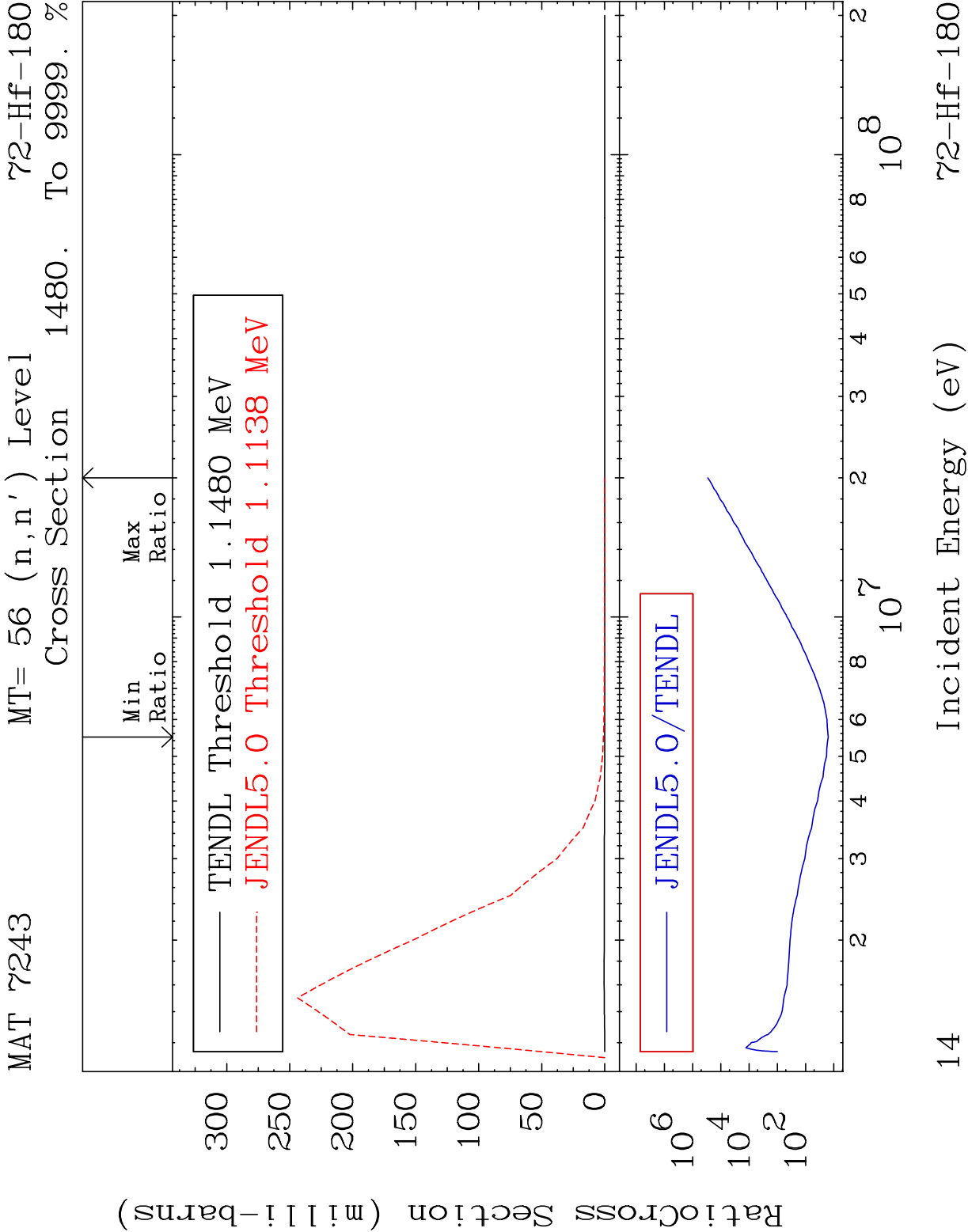


MAT 7243 MT= 53 (n,n') Level 72-Hf-180
Cross Section -100.0 To 440.1 %







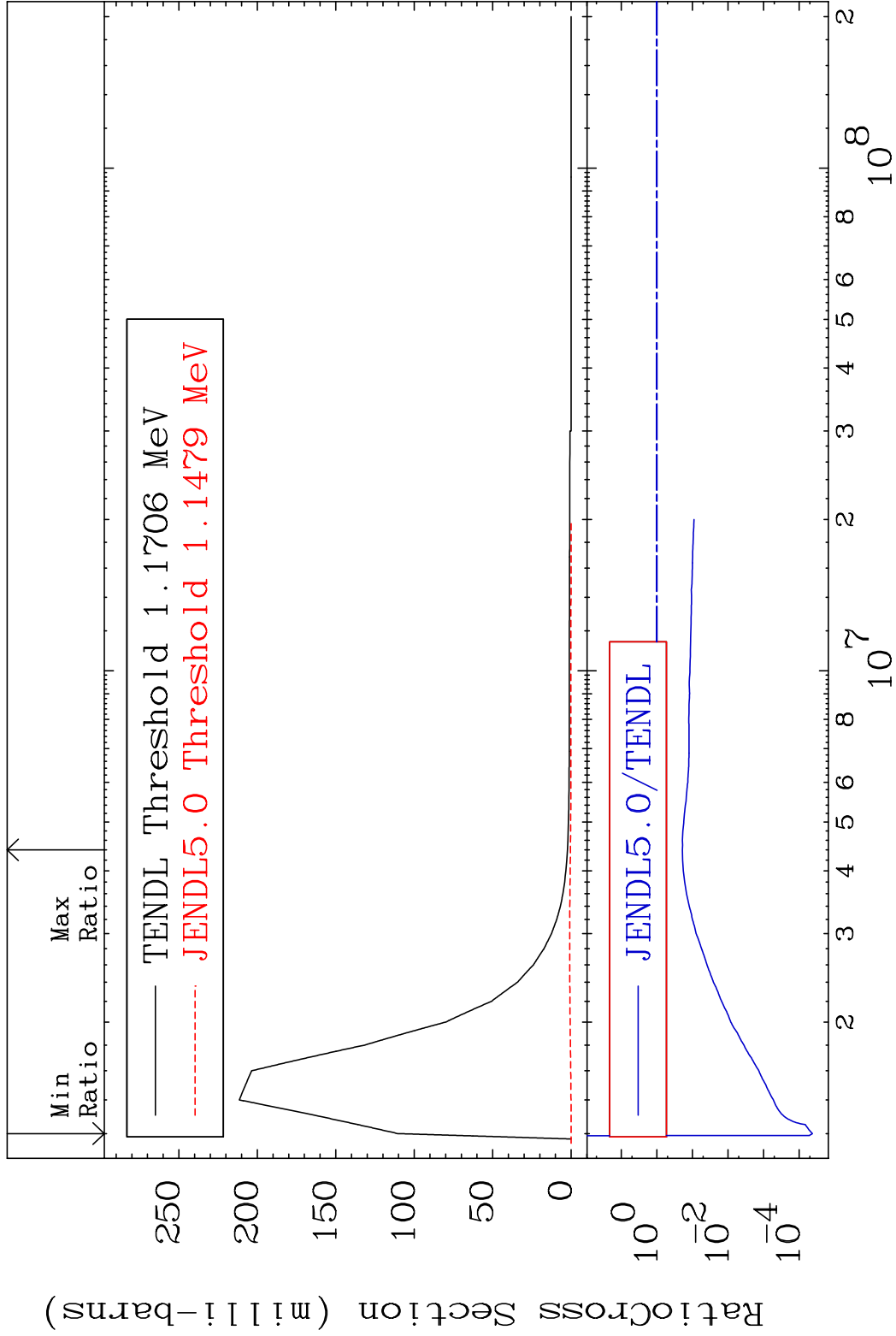


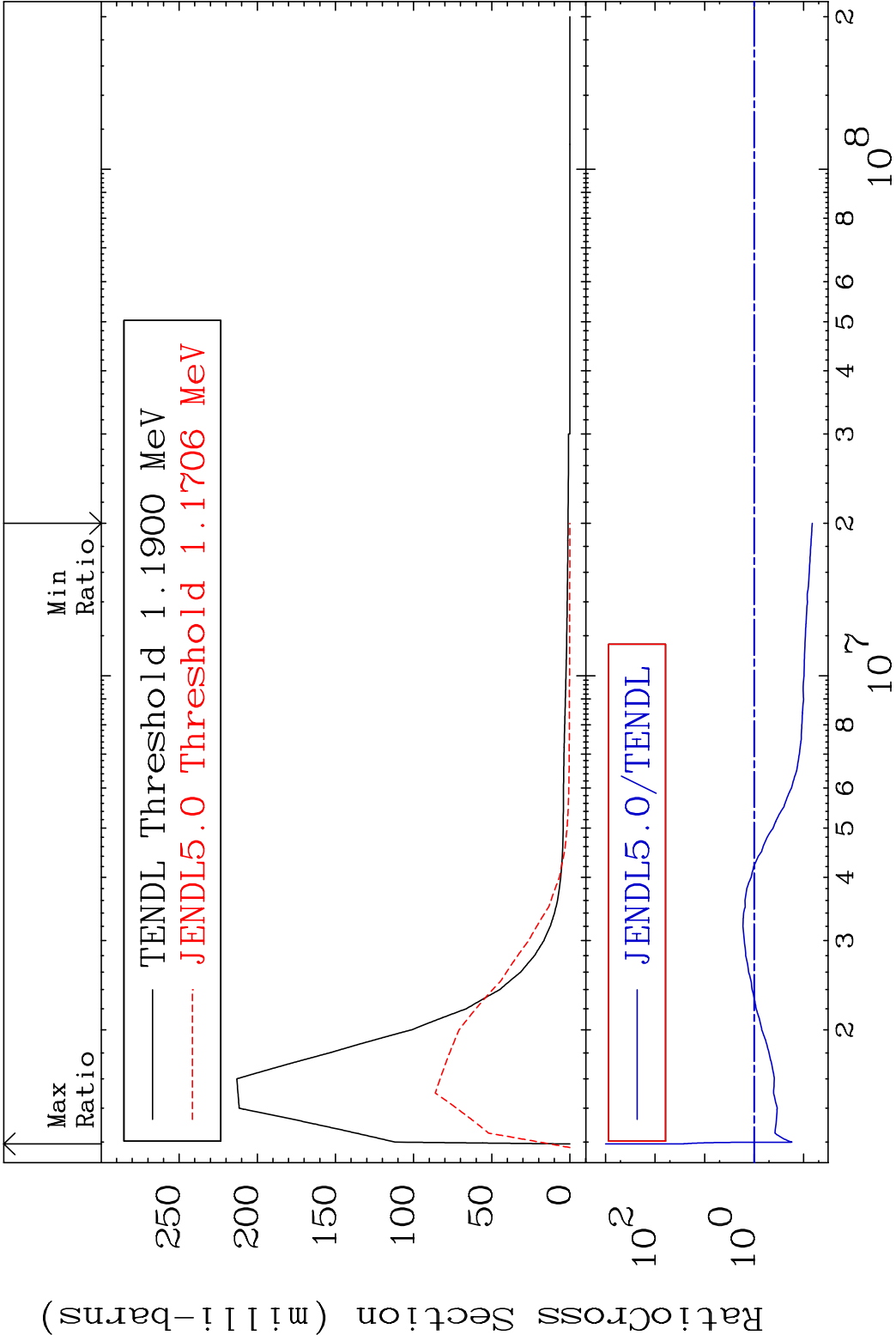
RatioCross Section (milli-barns)

300
250
200
150
100
50
0
 10^6
 10^4
 10^2

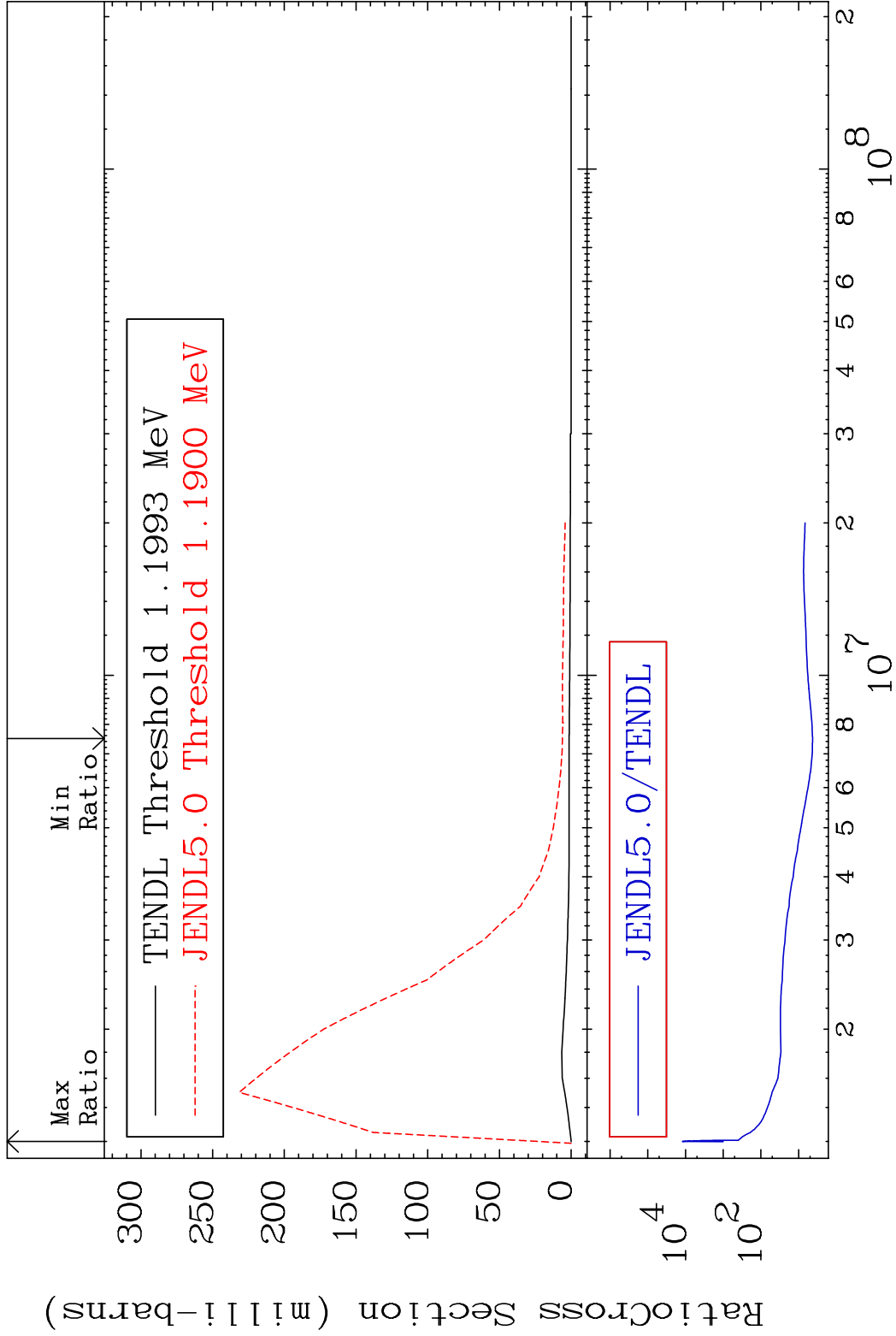
2
3
4
5
6
7
8
10
2

MAT 7243 MT= 57 (n,n') Level 72-Hf-180
Cross Section -100.0 To -80.81%





MAT 7243 MT= 59 (n,n') Level 72-Hf-180
Cross Section 328.0 To 9999. %



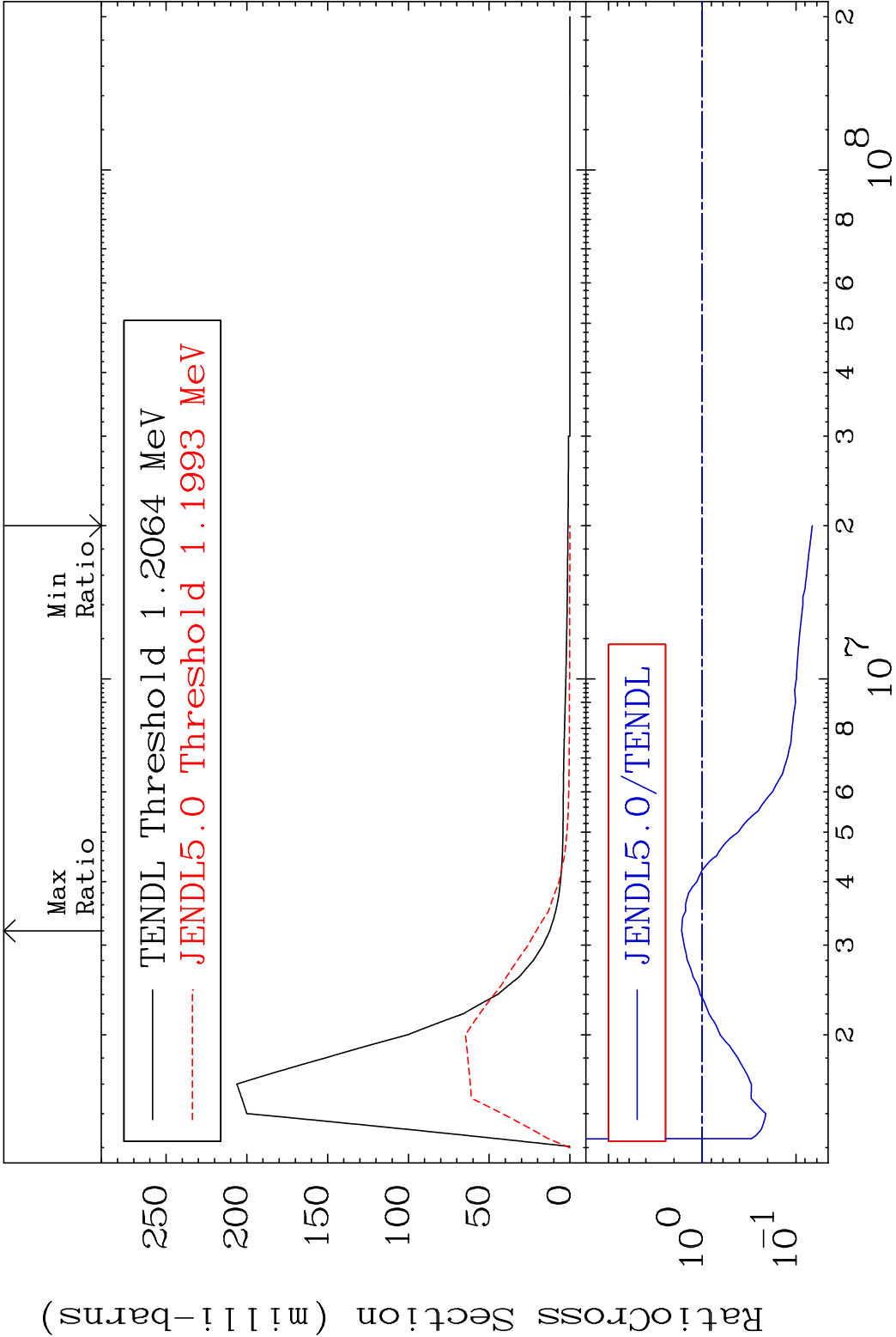
MAT 7243

MT= 60 (n,n') Level

72-Hf-180

Cross Section

-93.29 To 66.12 %



MAT 7243

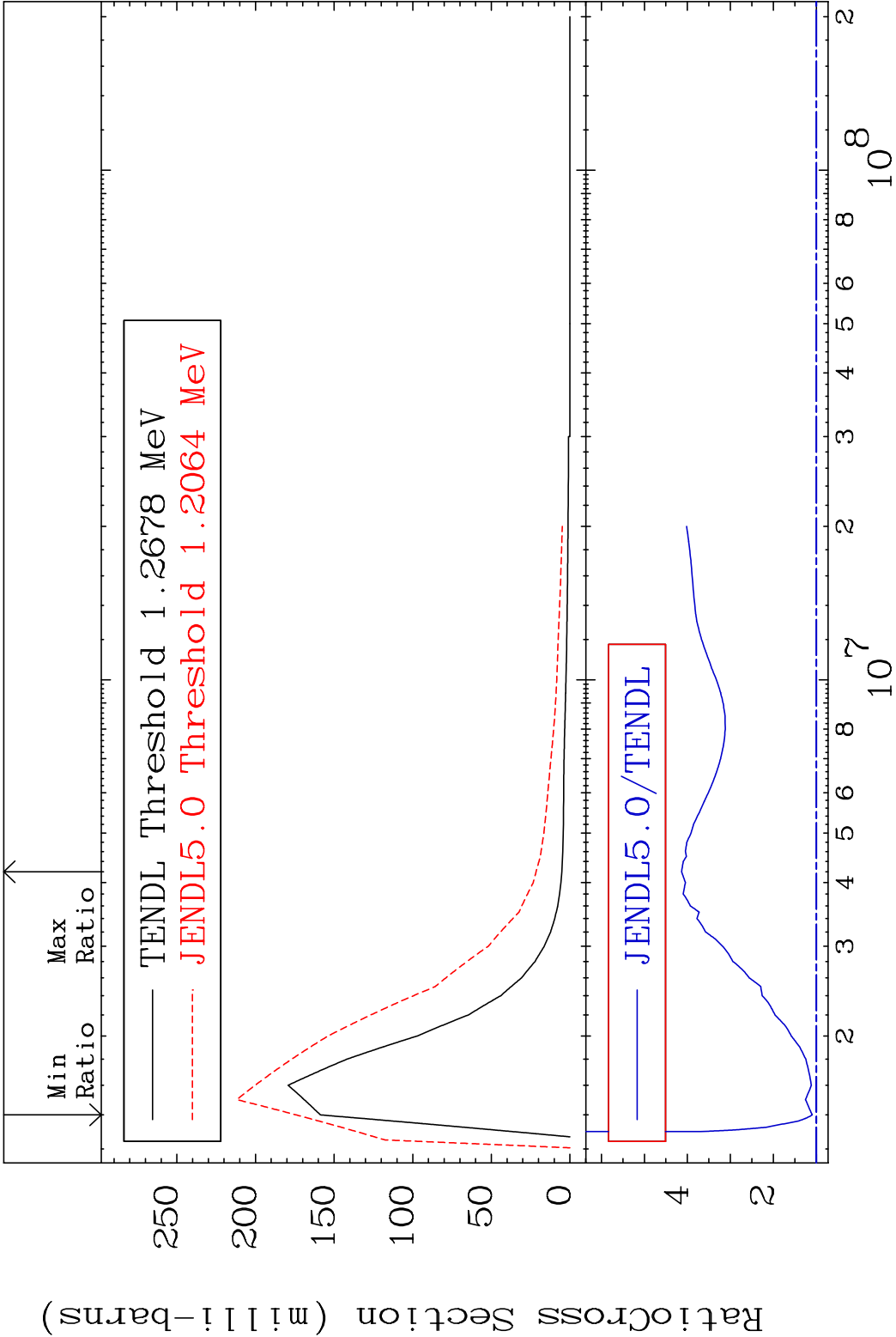
MT= 61 (n,n') Level

72-Hf-180

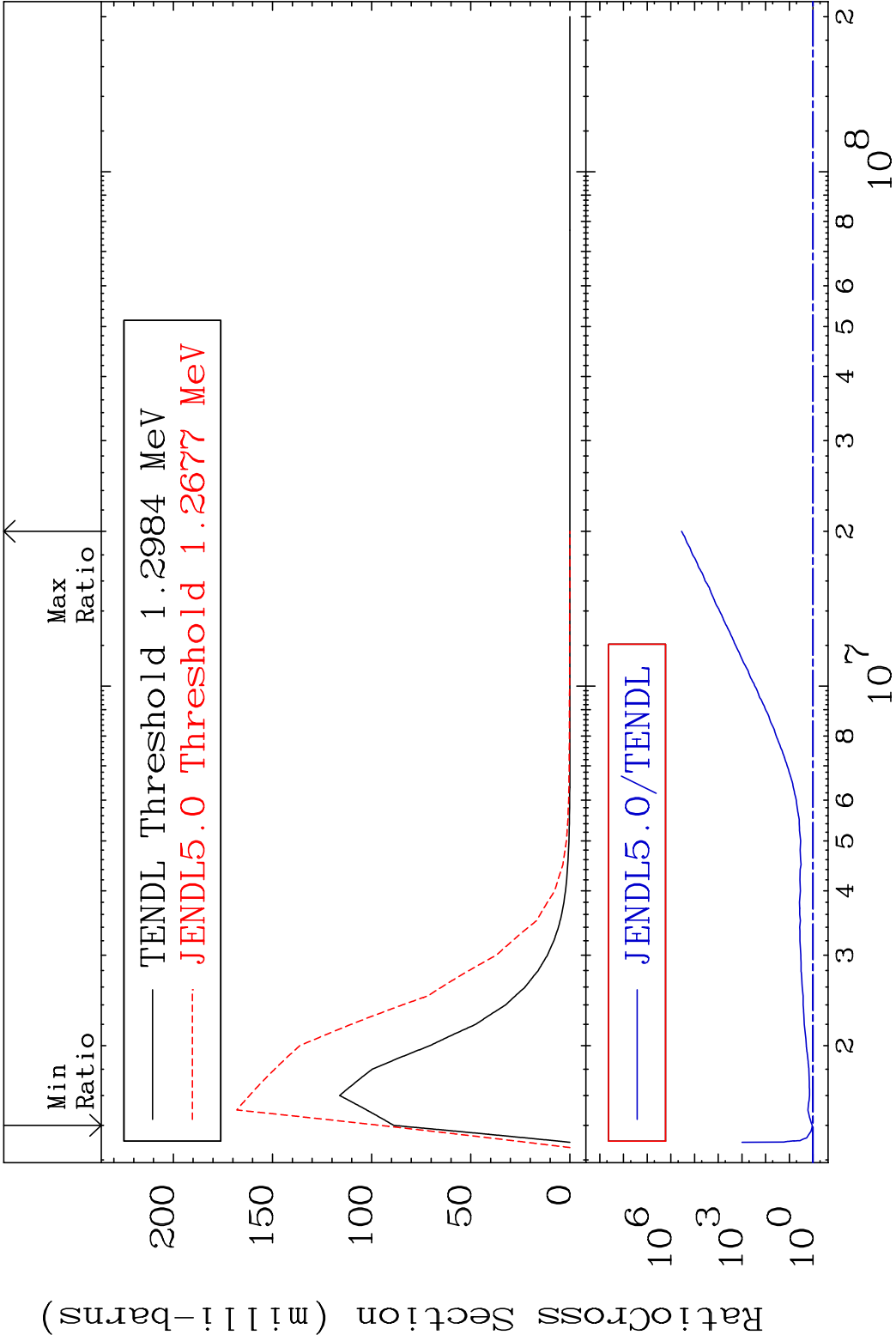
Cross Section

9.691

To 313.6 %



MAT 7243 MT= 62 (n,n') Level 72-Hf-180
Cross Section 7.663 To 9999. %



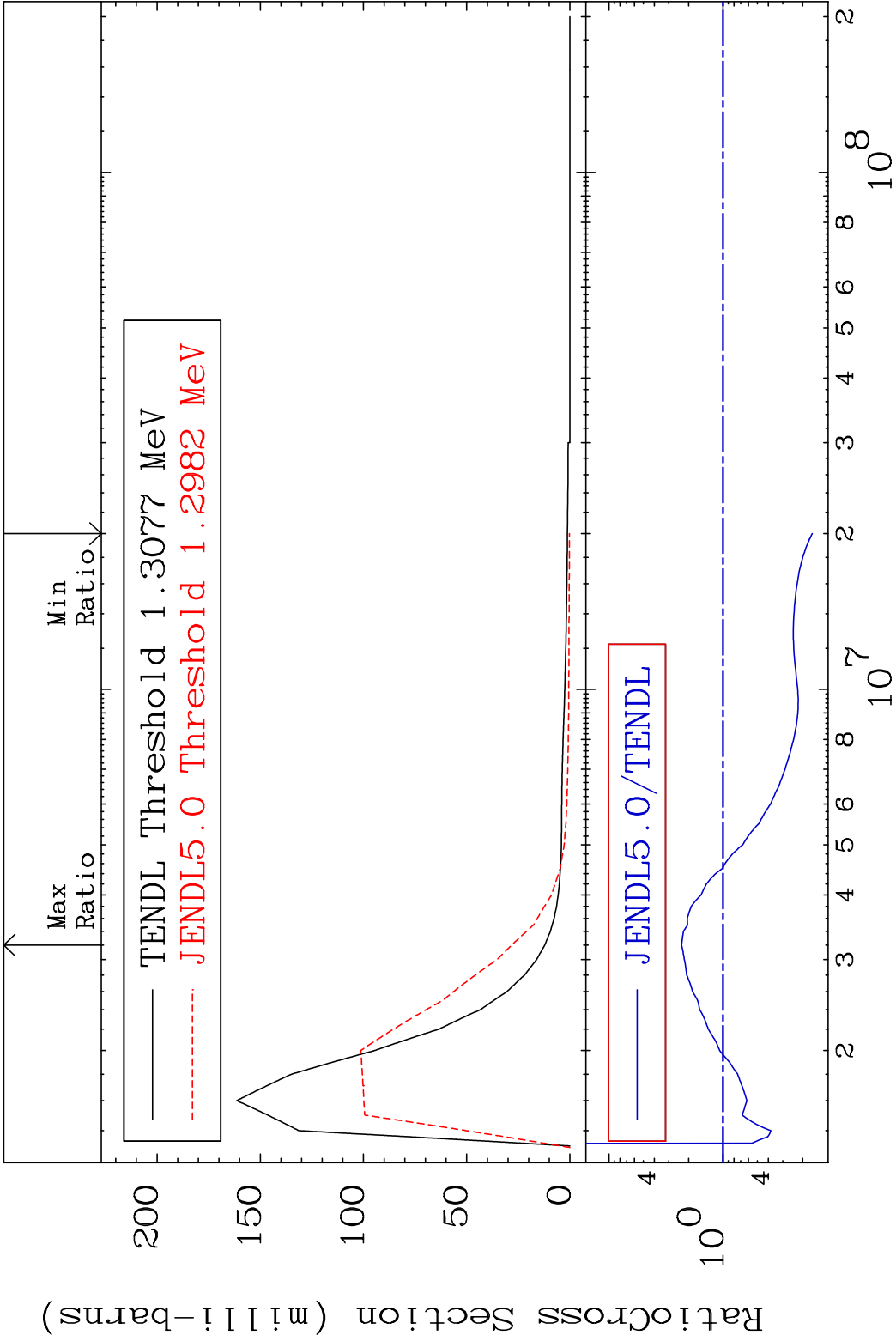
MAT 7243

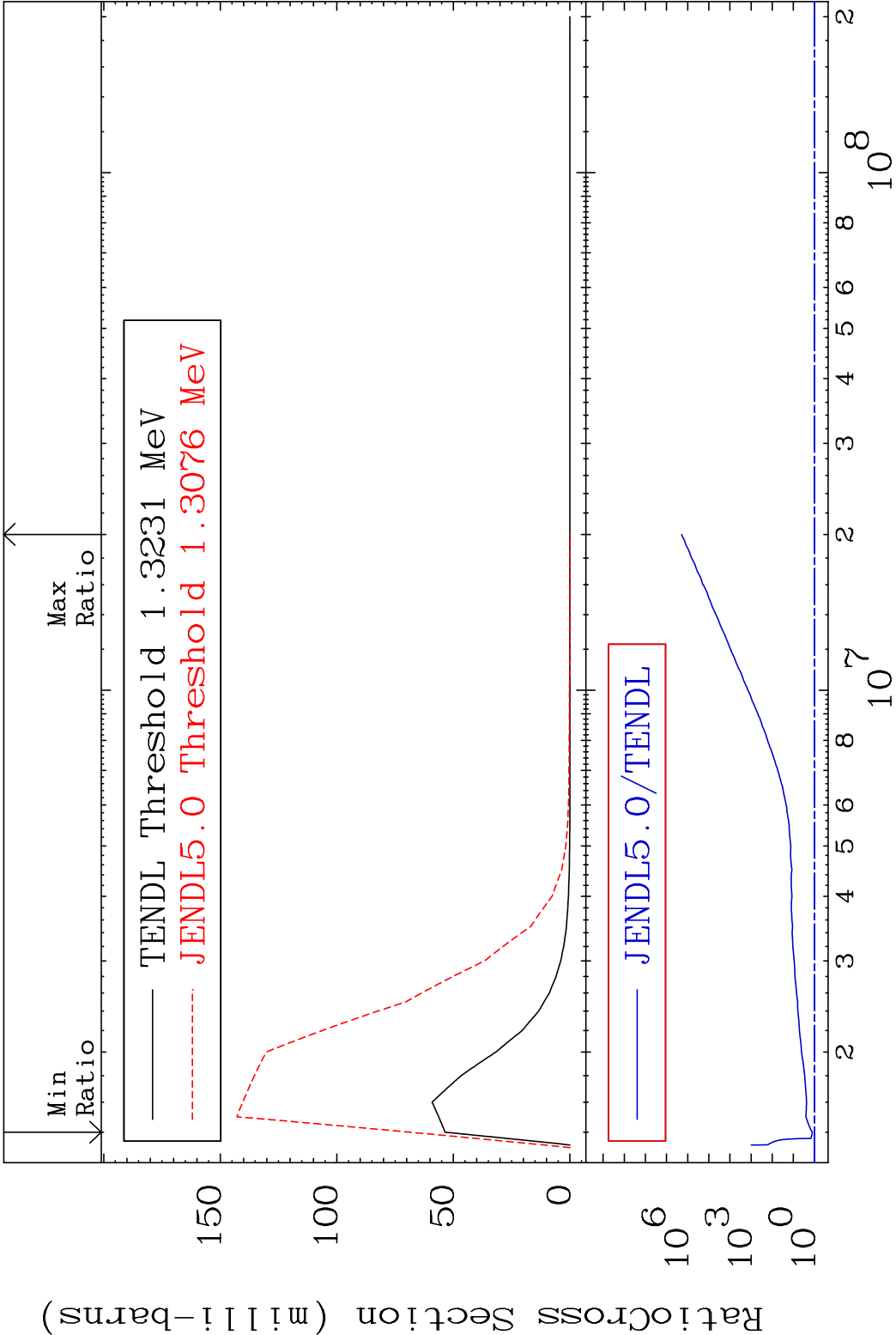
MT= 63 (n,n') Level

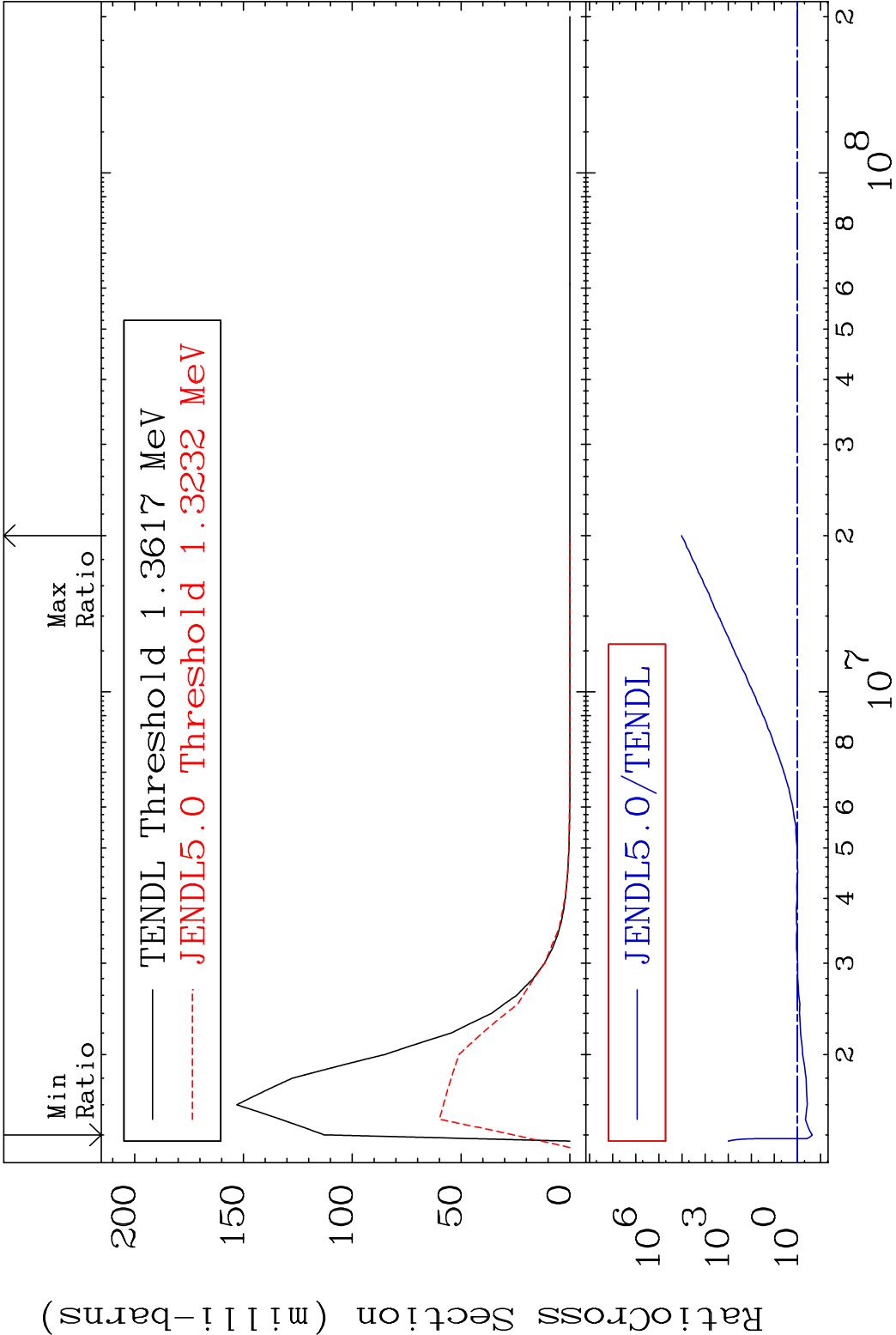
72-Hf-180

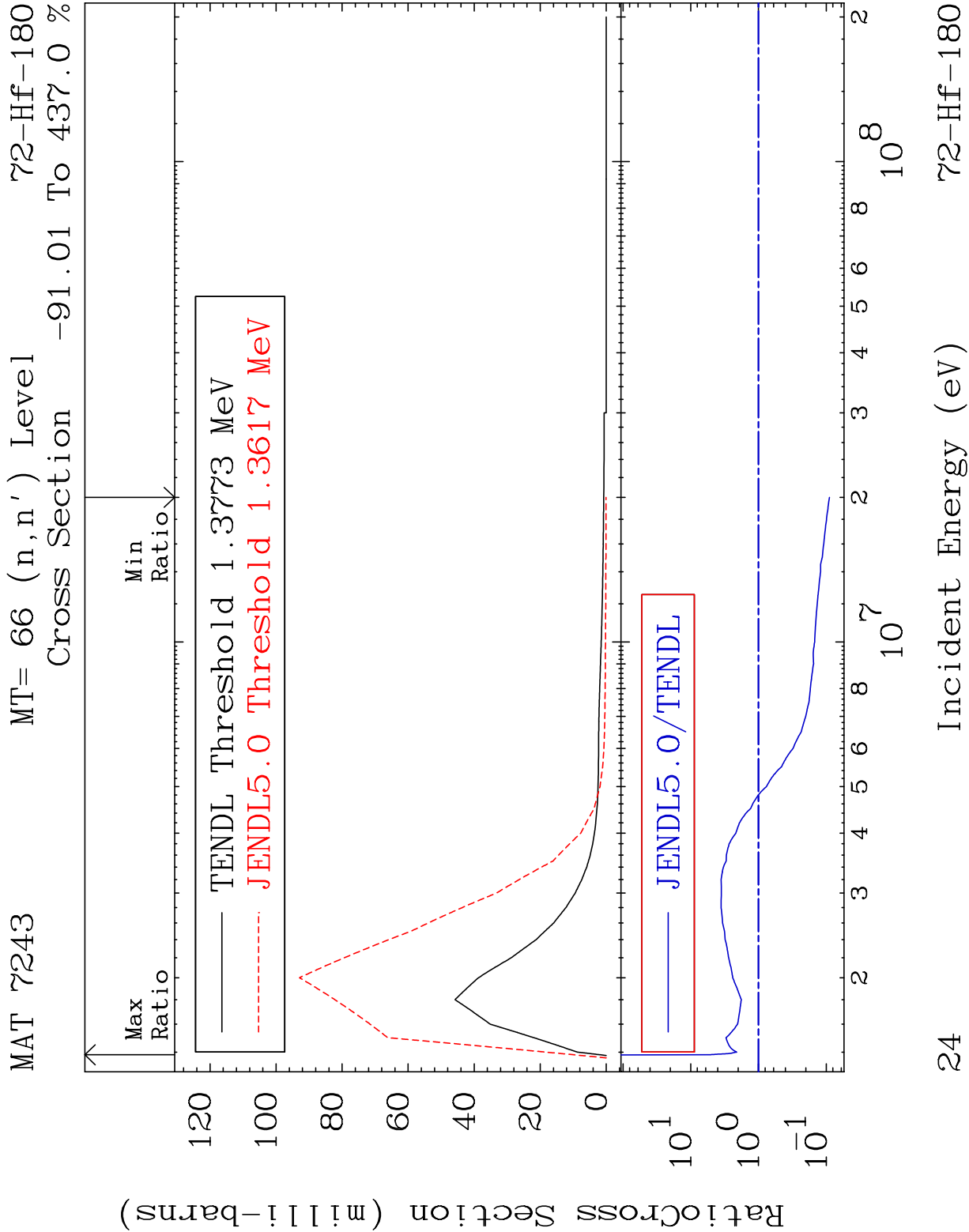
Cross Section

-83.48 To 131.2 %

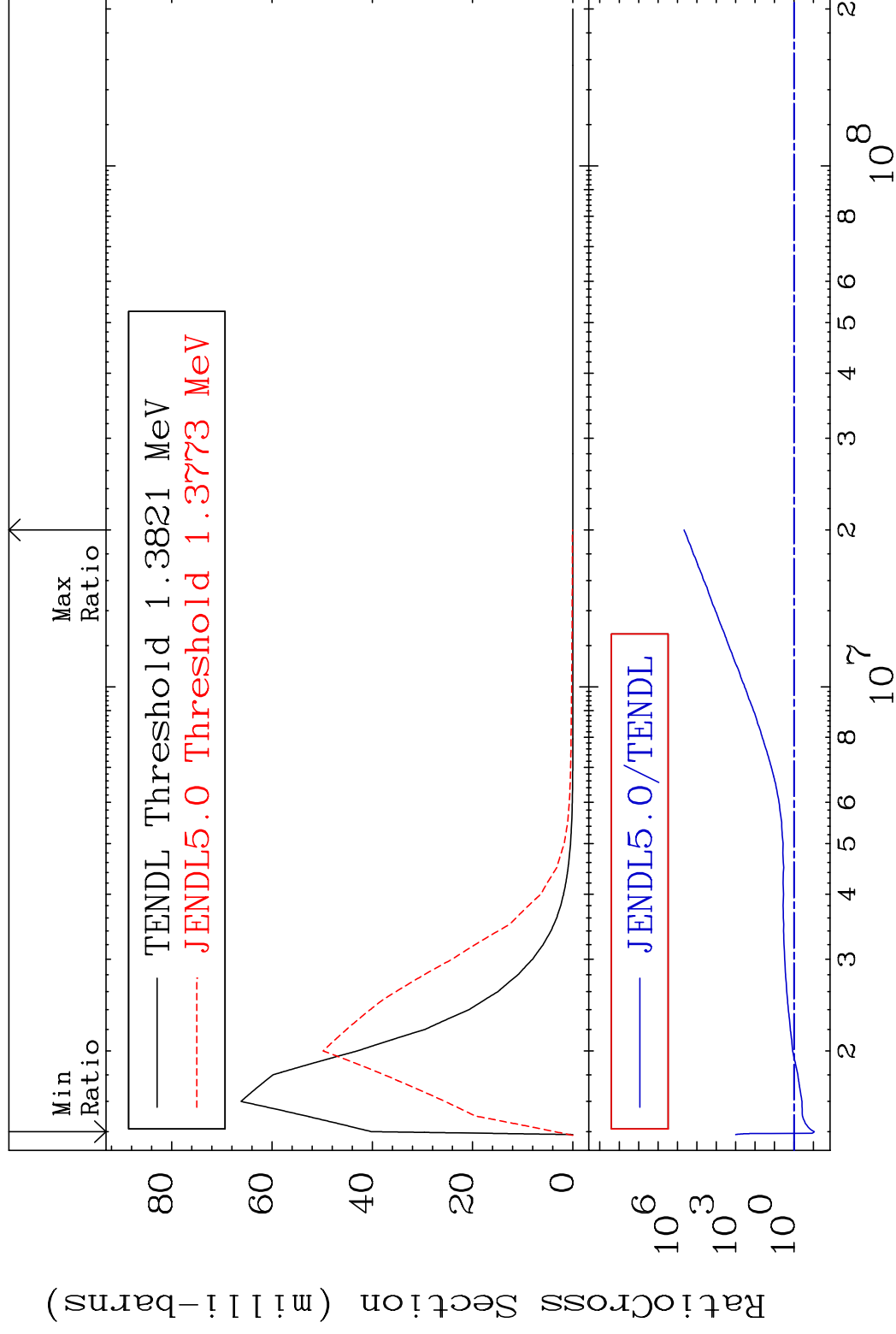


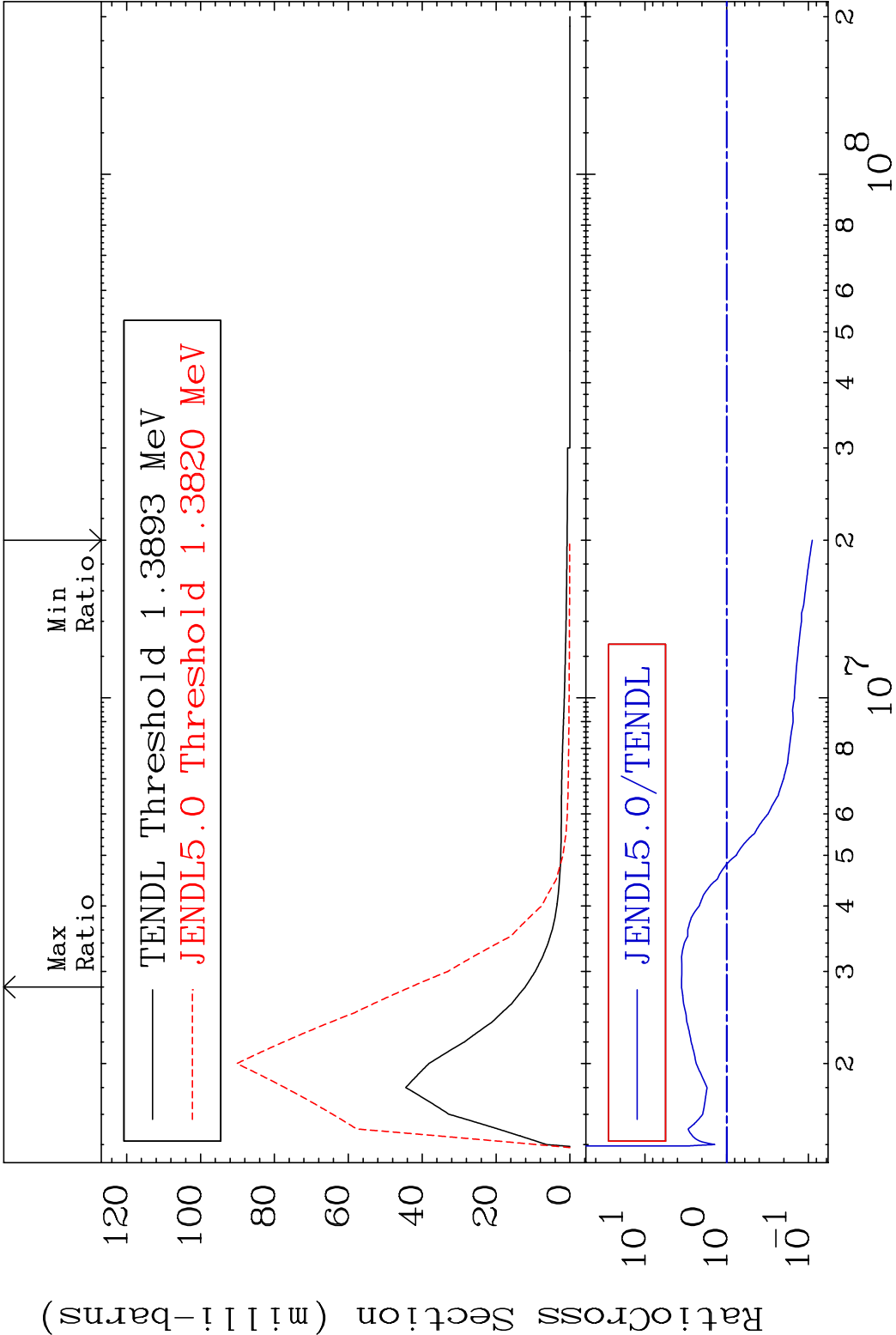


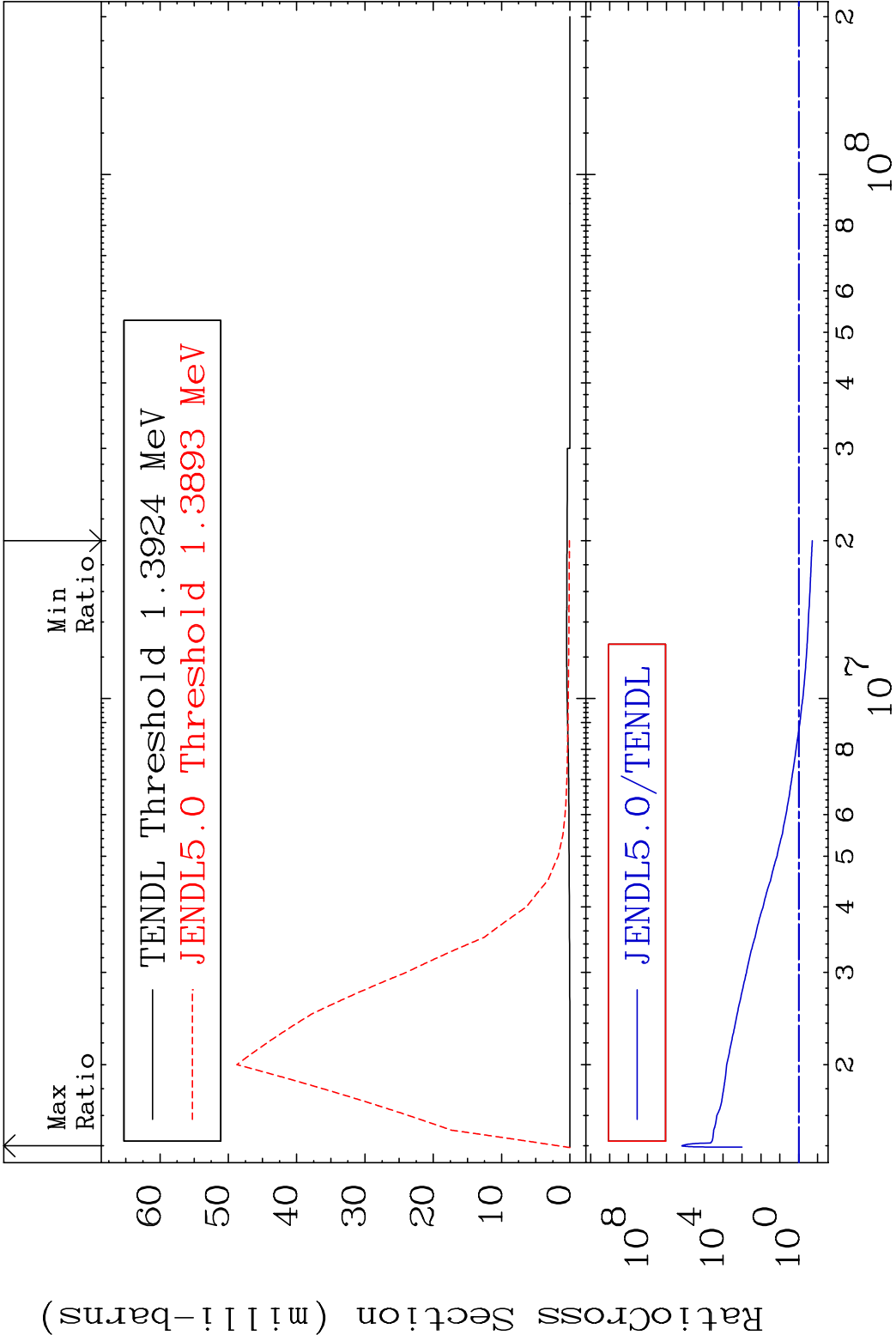


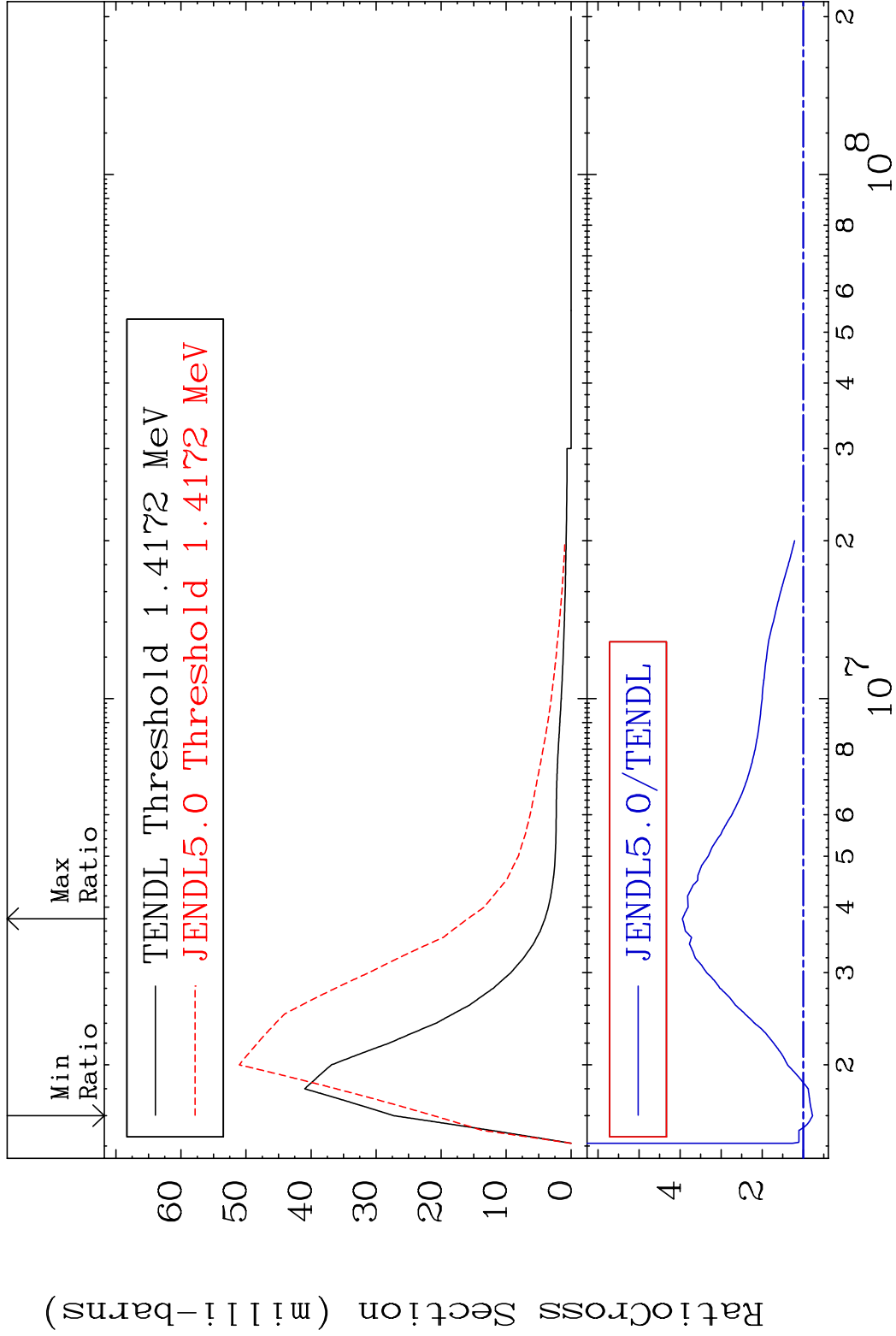


24









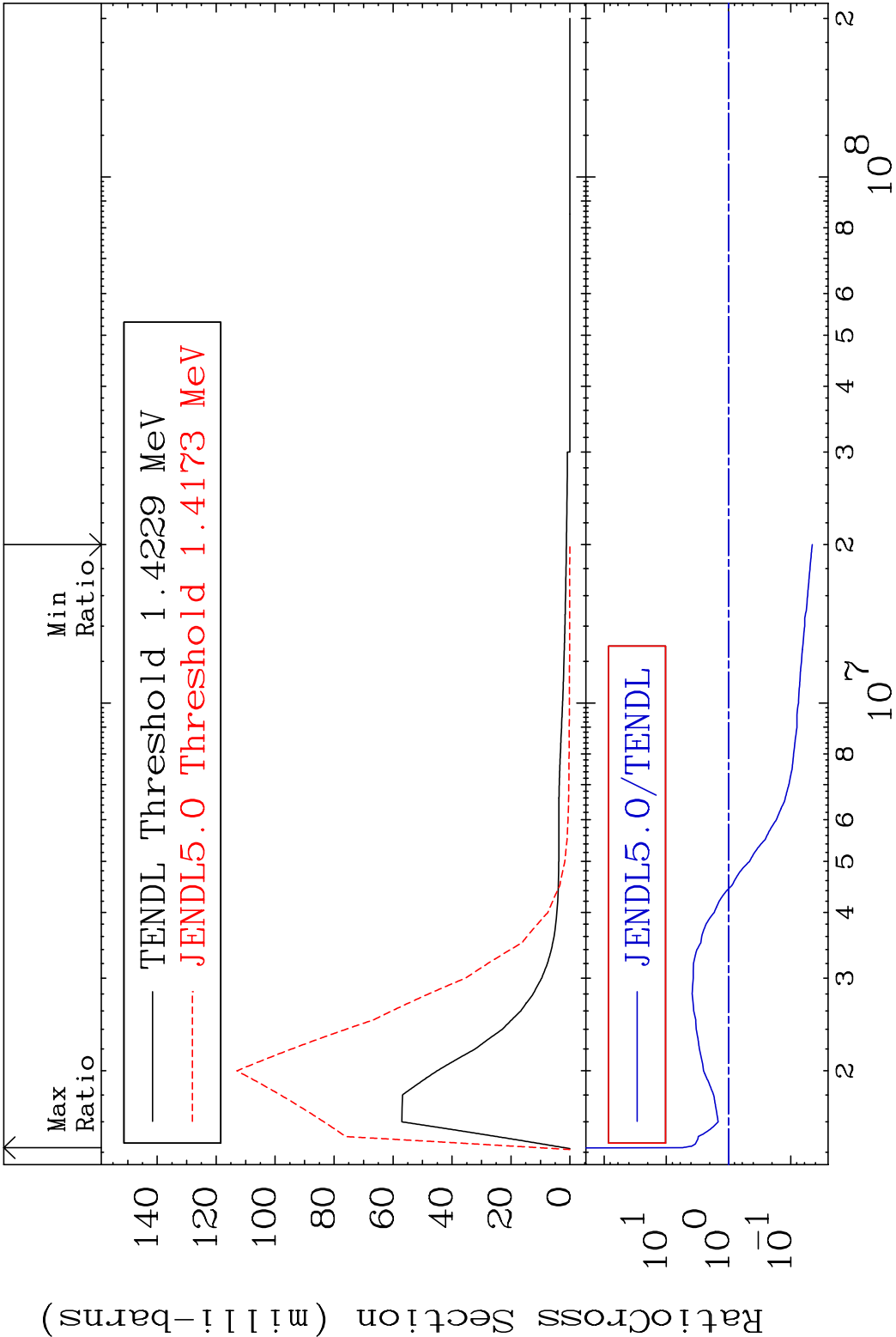
MAT 7243

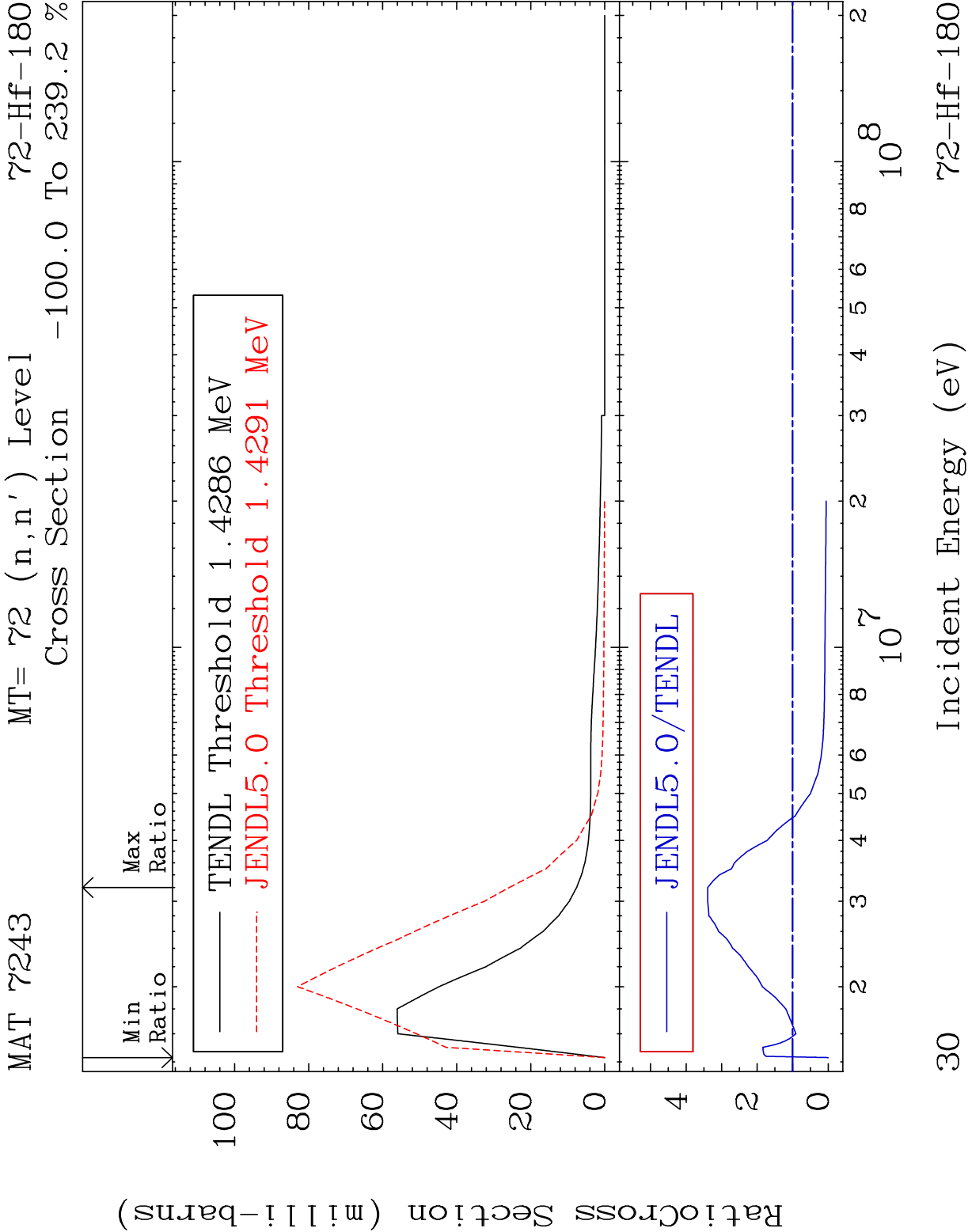
MT= 71 (n,n') Level

72-Hf-180

Cross Section

-95.50 To 469.2 %





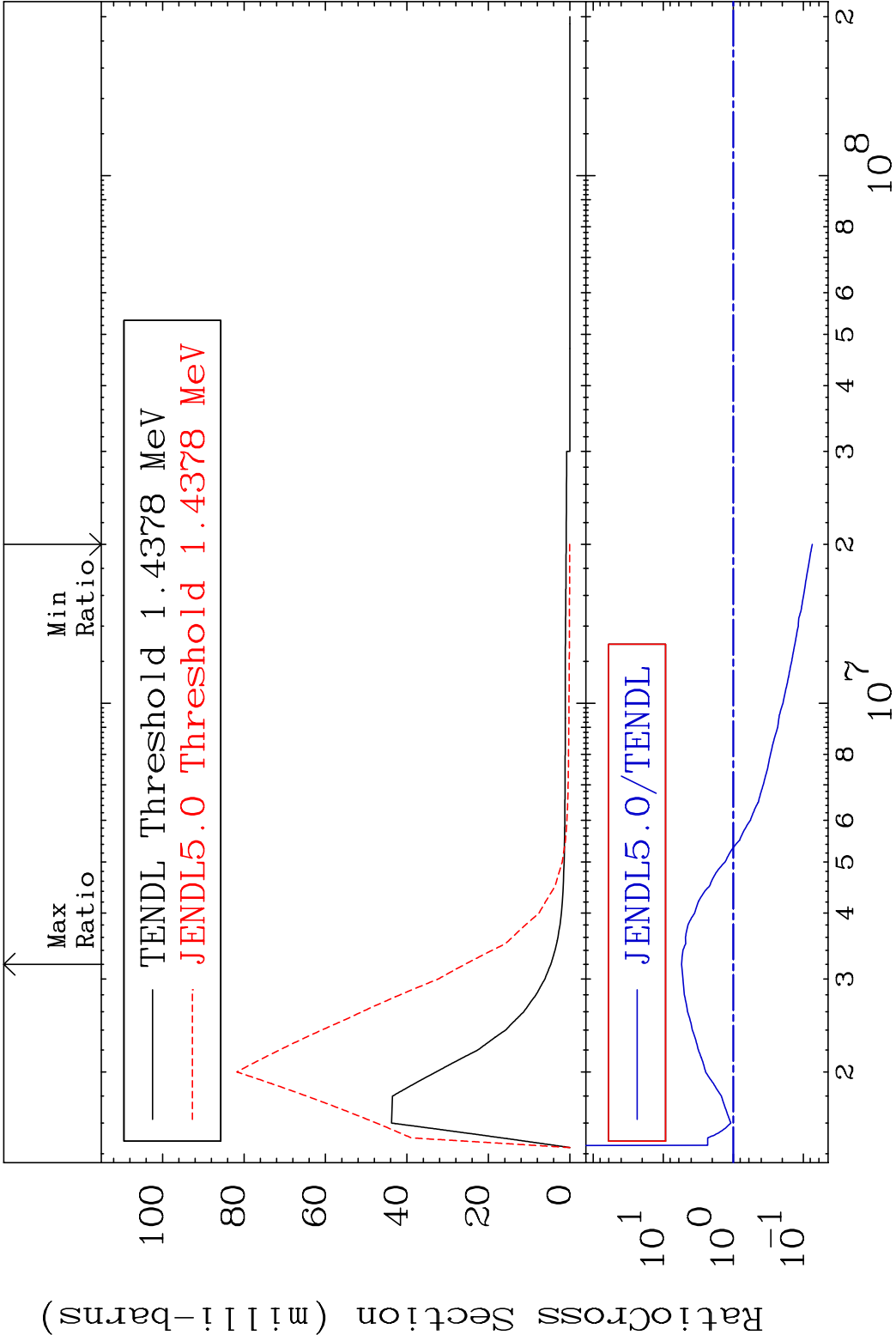
MAT 7243

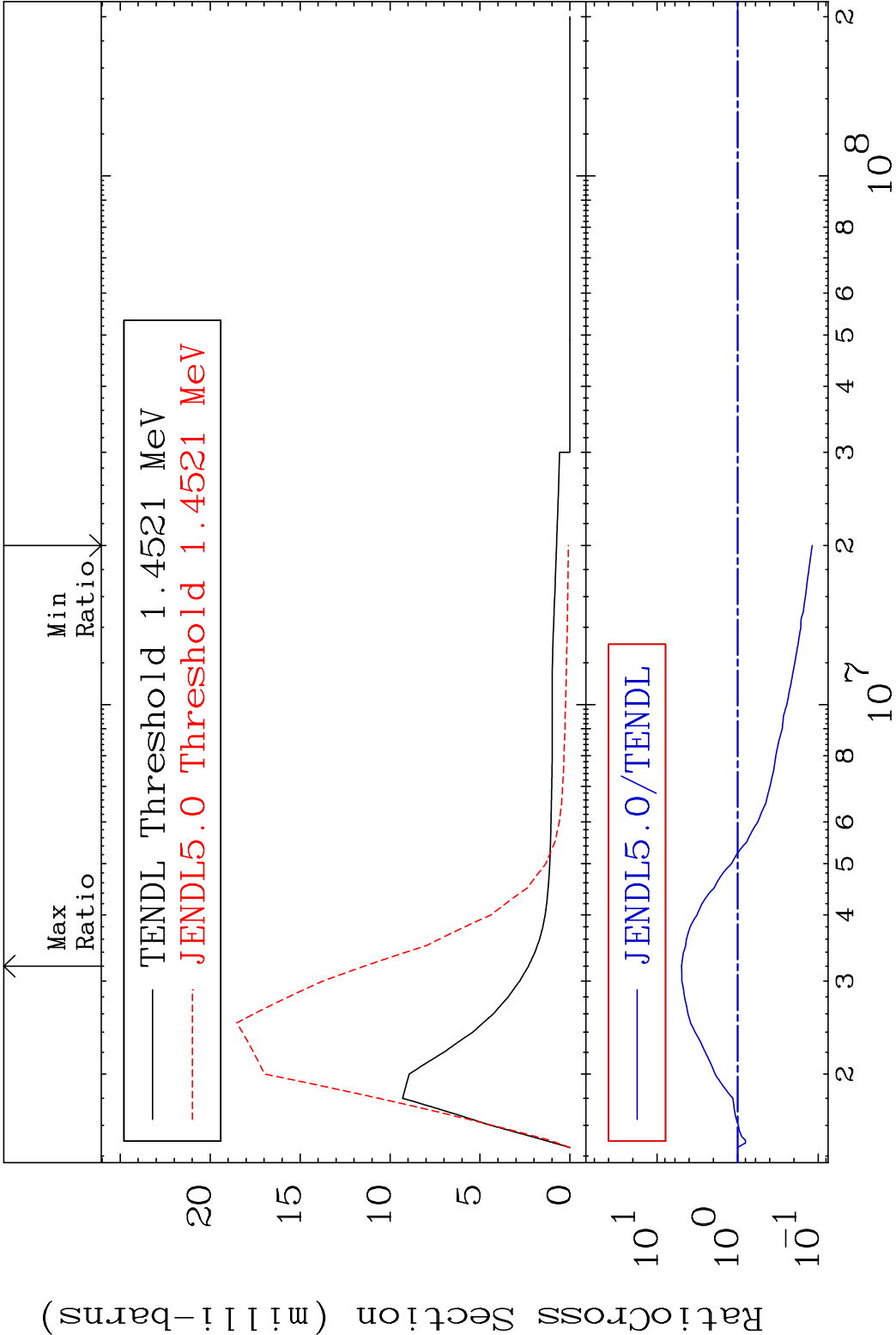
MT= 73 (n,n') Level

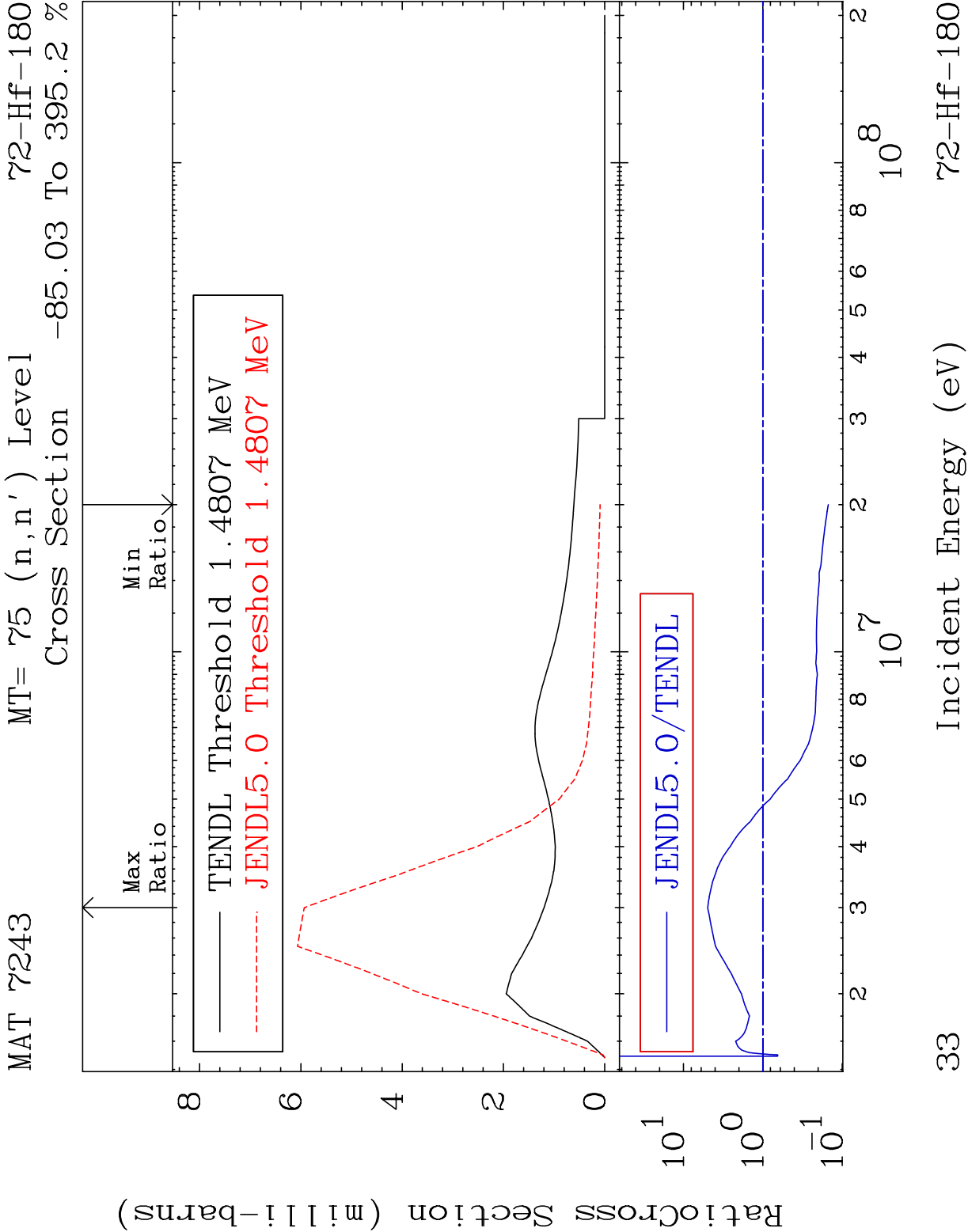
72-Hf-180

Cross Section

-92.52 To 449.3 %







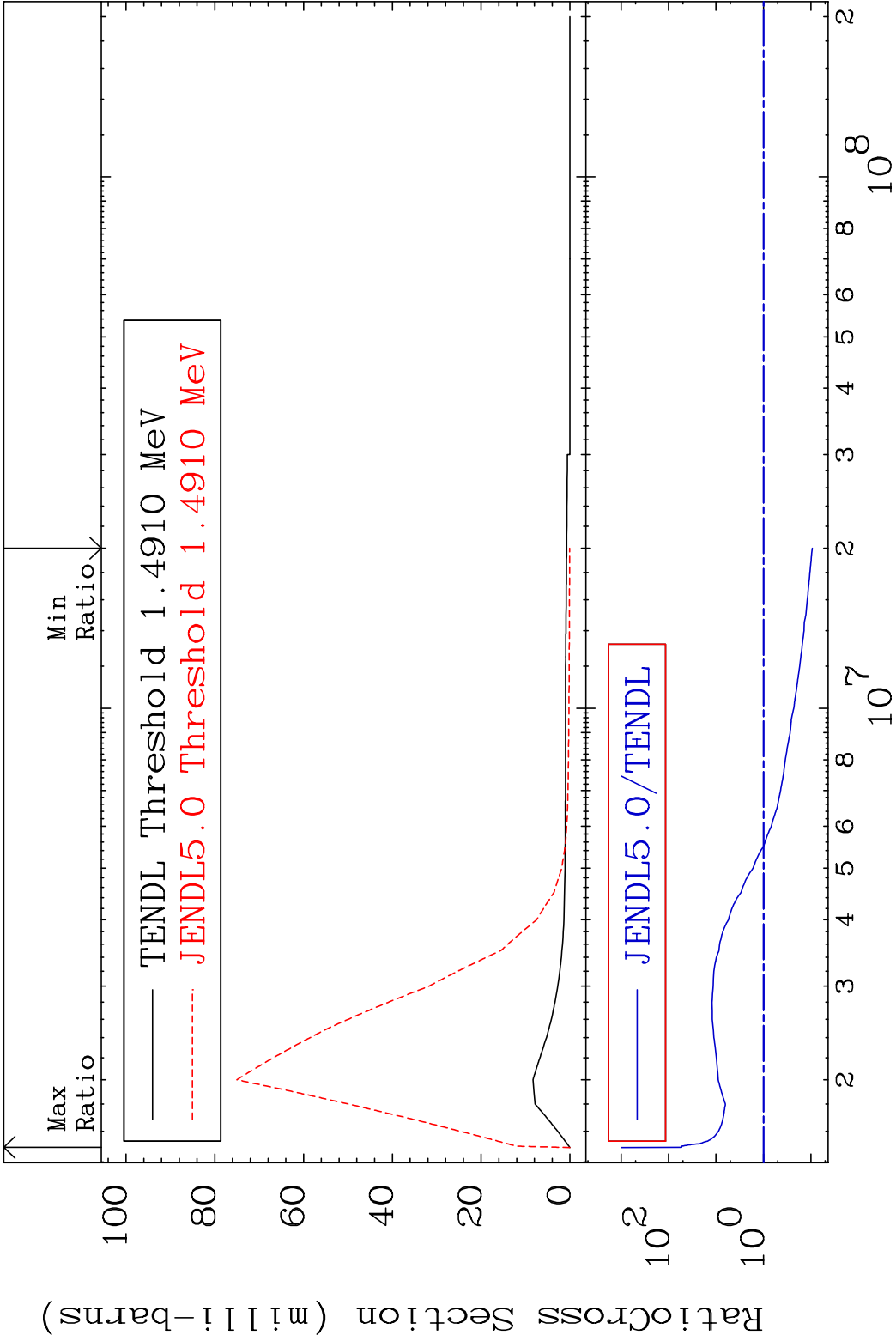
MAT 7243

MT= 76 (n,n') Level

72-Hf-180

Cross Section

-90.65 To 5236. %

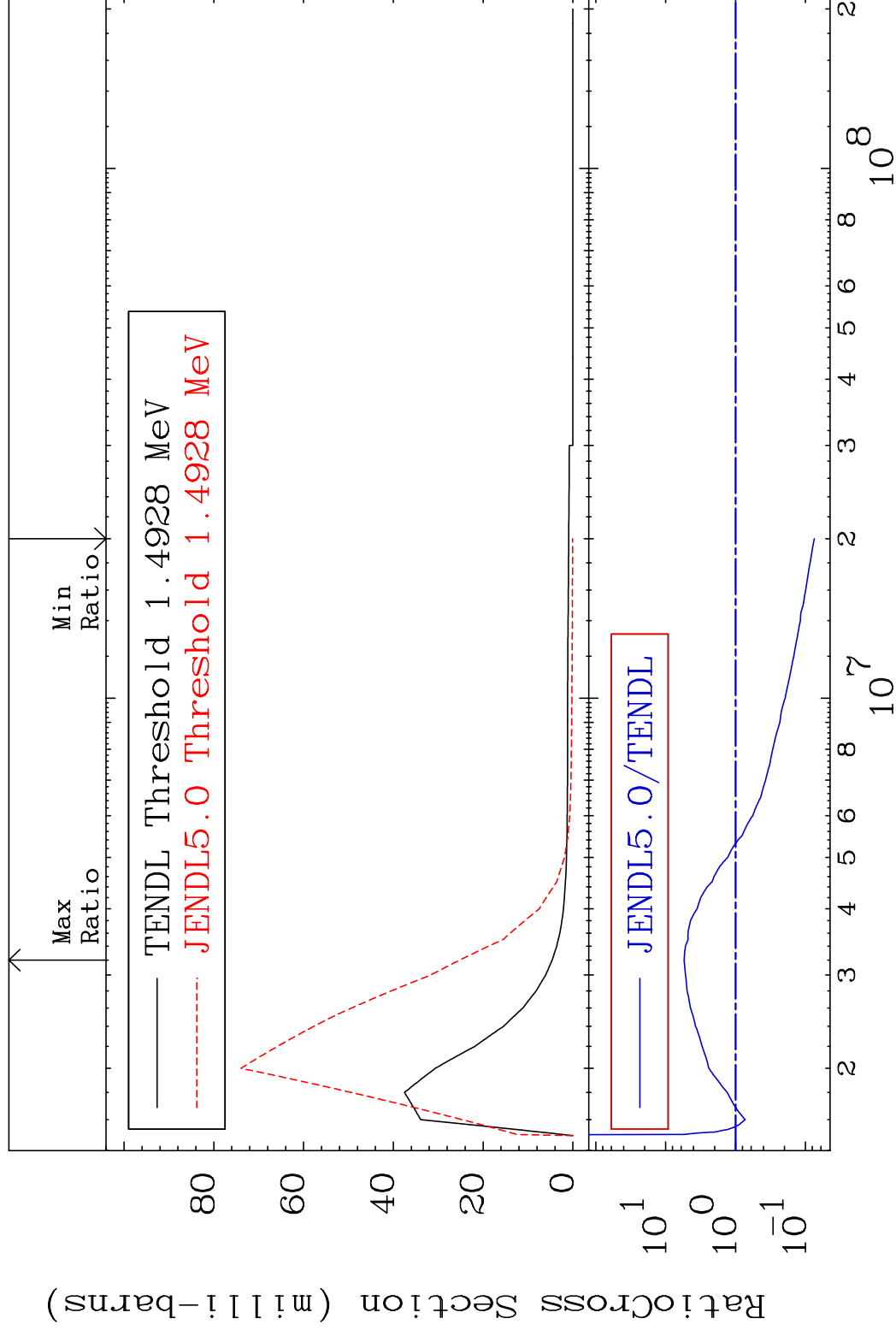


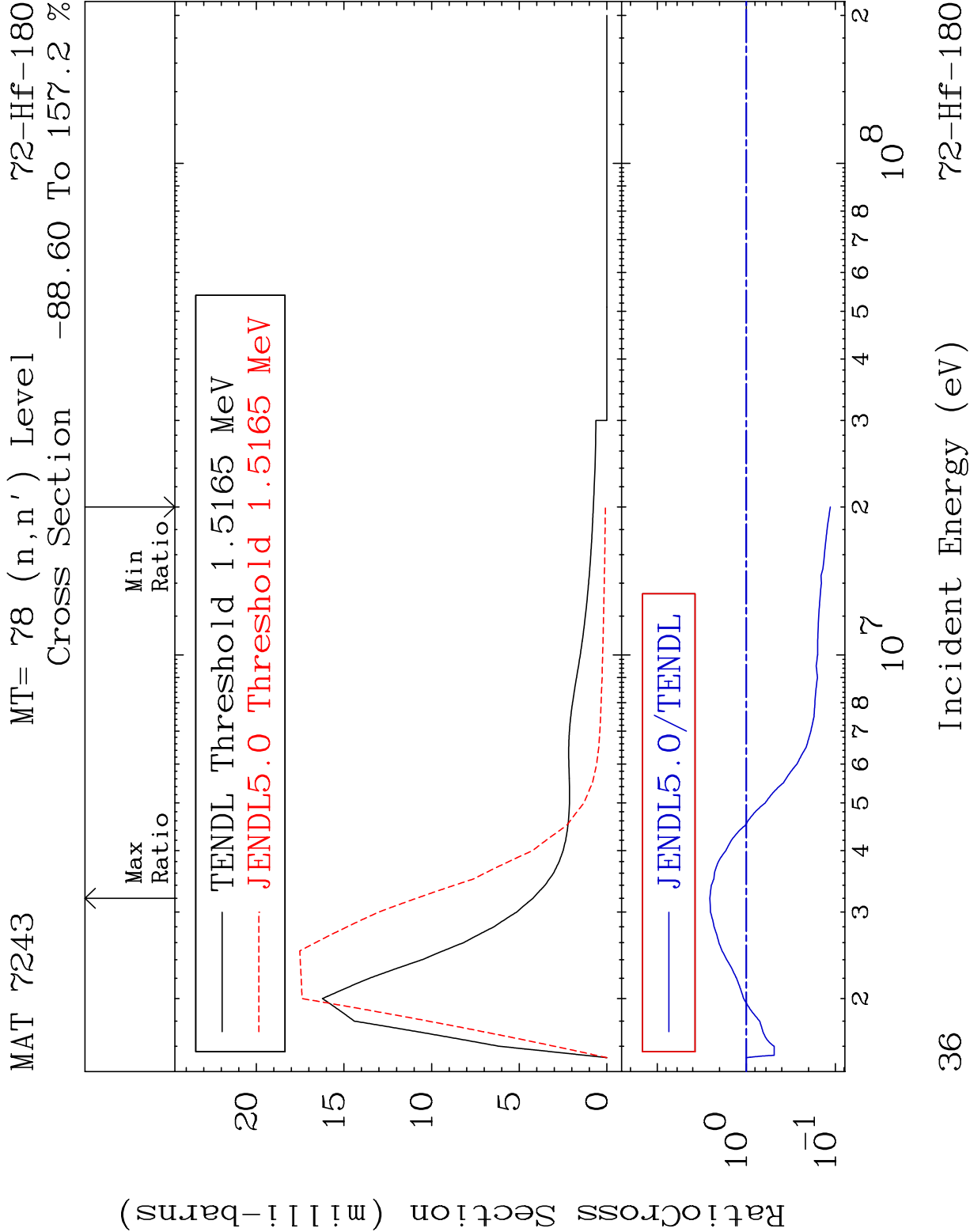
MAT 7243

MT= $\gamma\gamma$ (n,n') Level

72-Hf-180

Cross Section	-92.51 To 446.6 %





MAT 7243

MT= 79 (n,n')

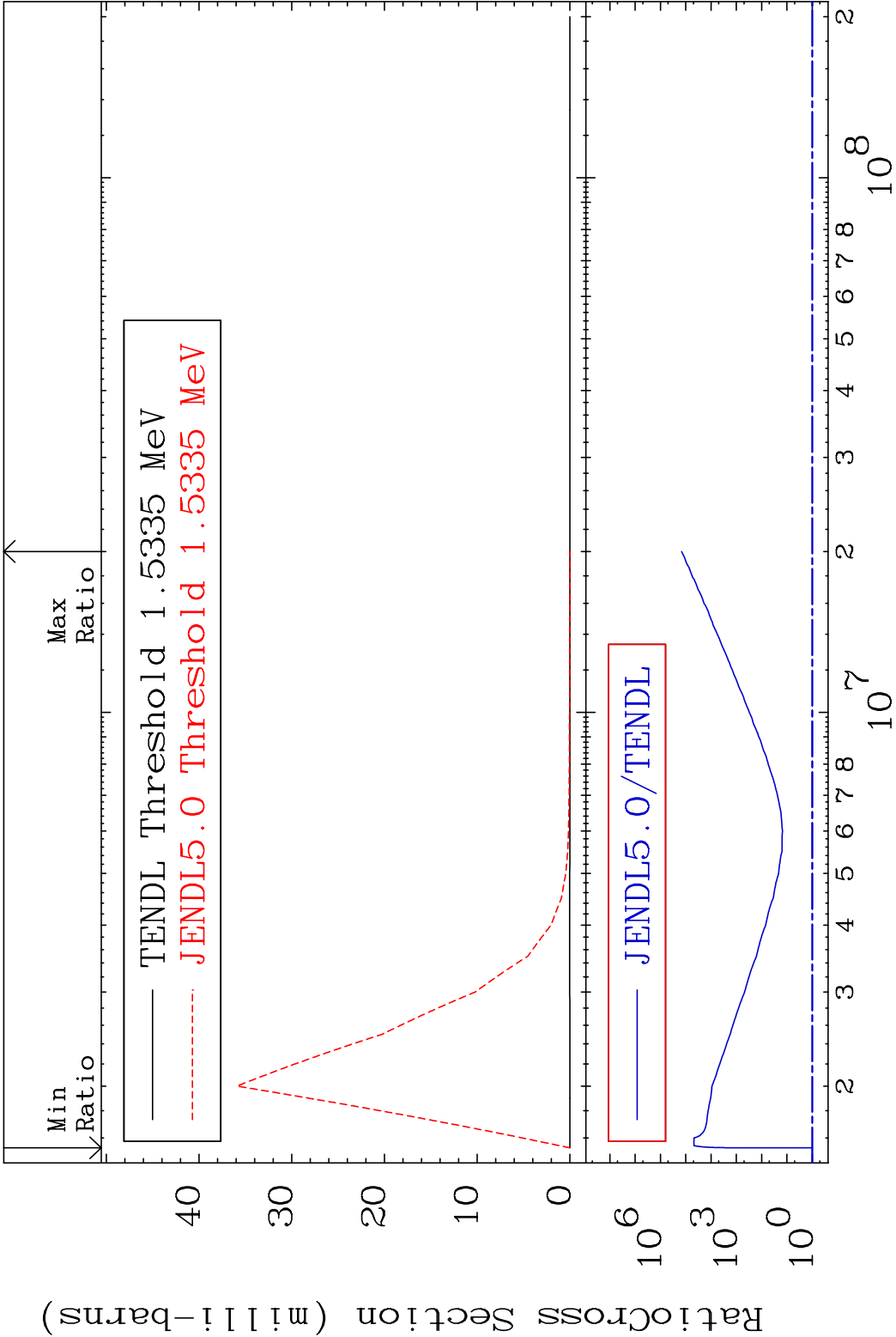
Level

72-Hf-180

Cross Section

0.000

To 9999. %



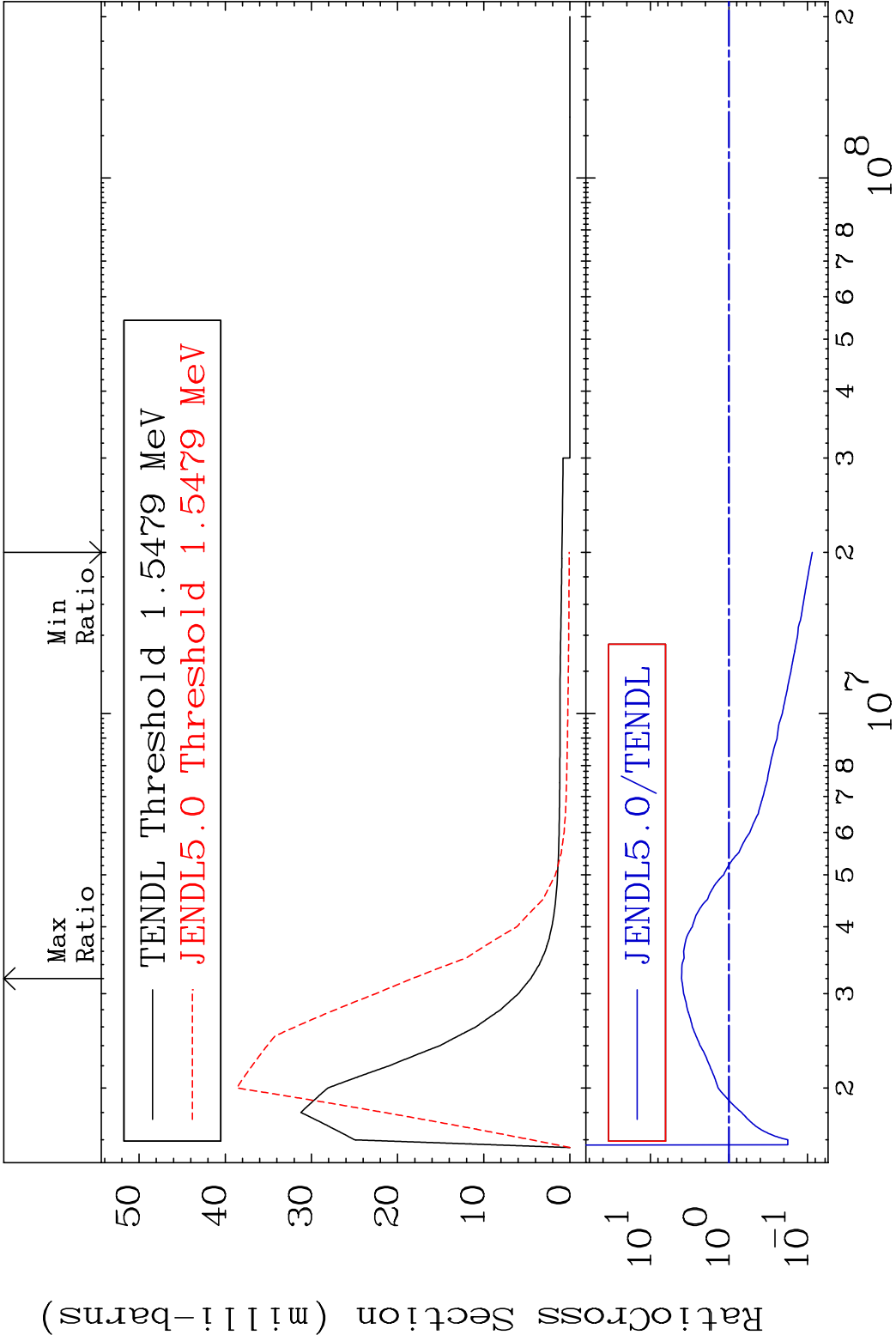
MAT 7243

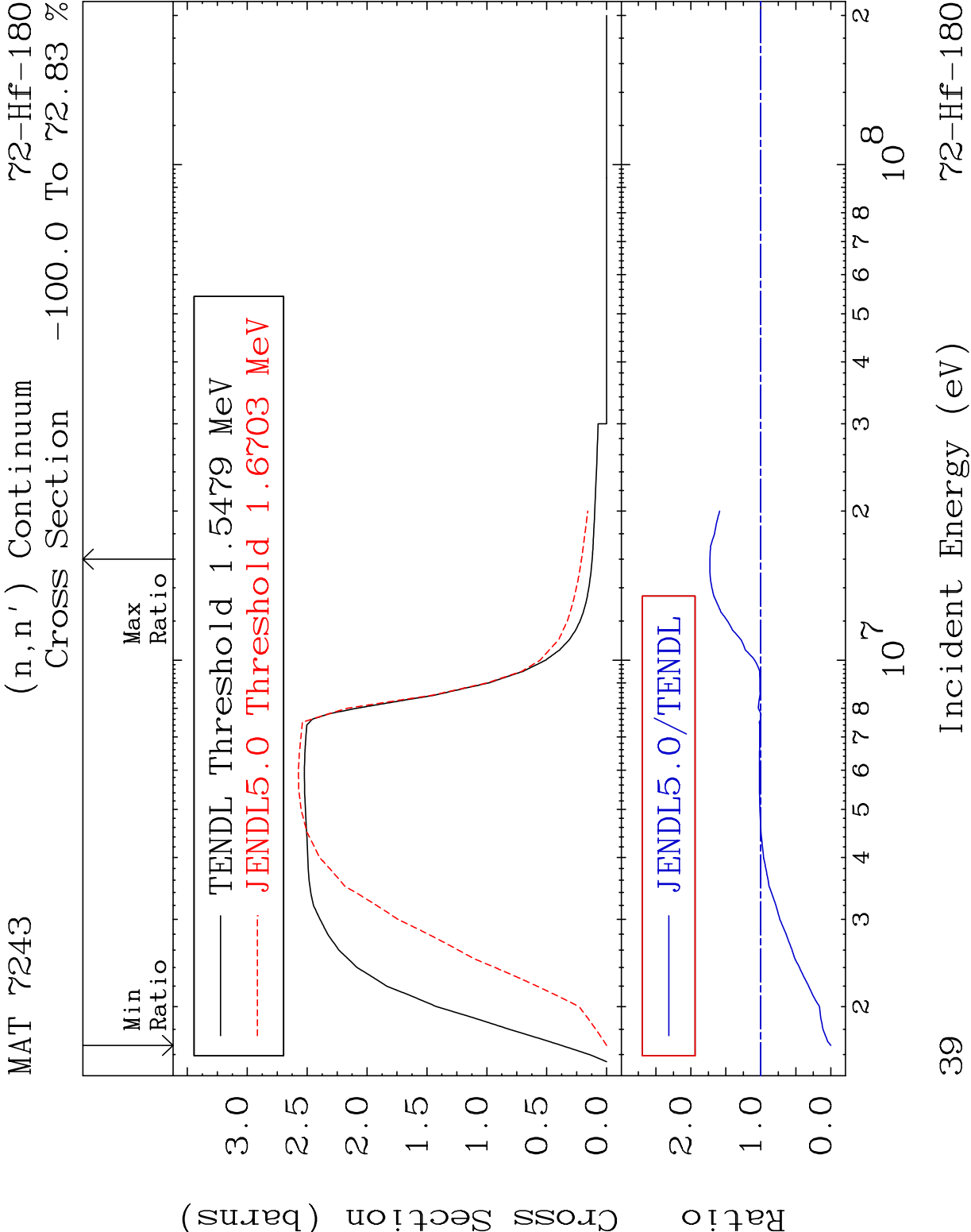
MT= 80 (n,n') Level

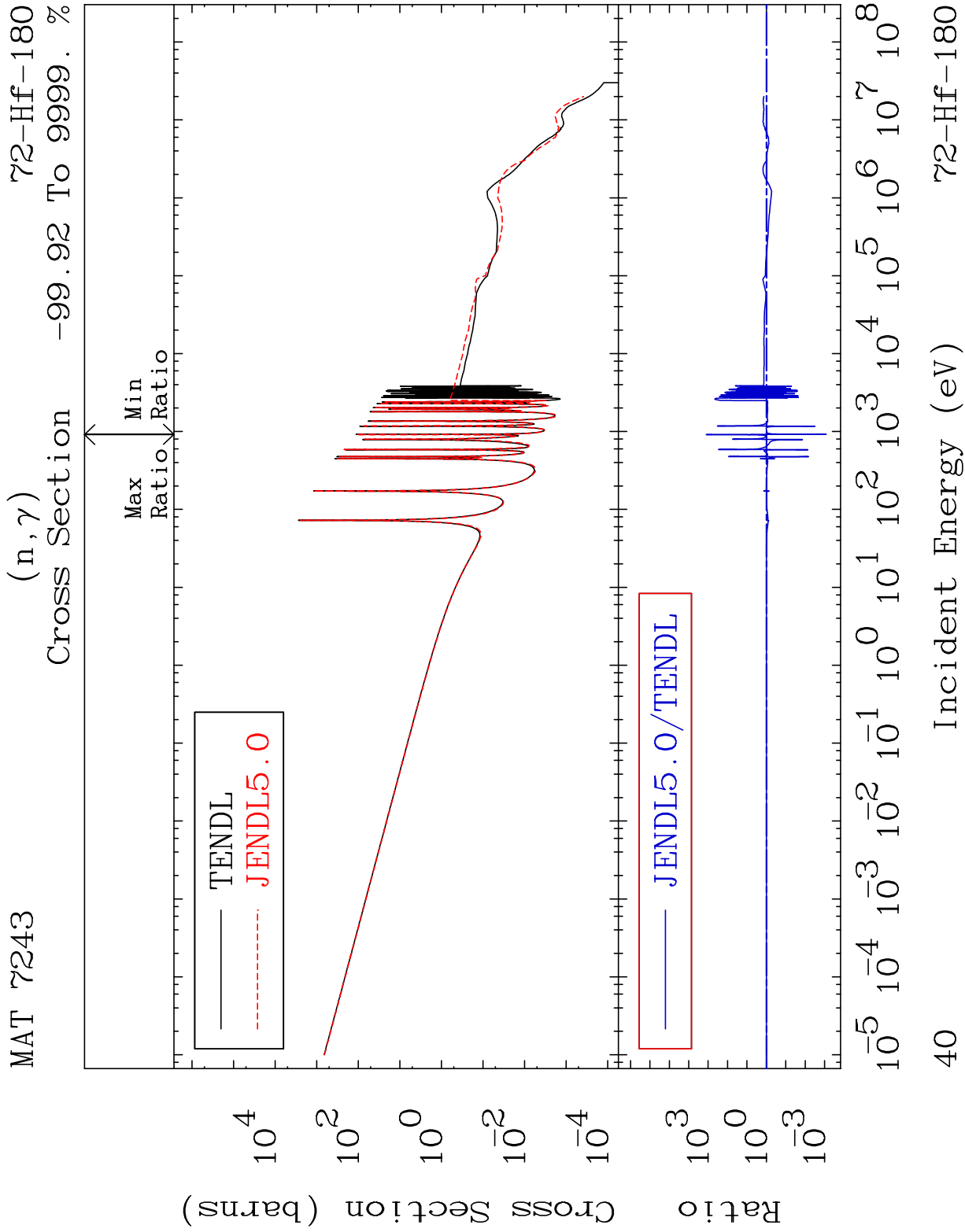
72-Hf-180

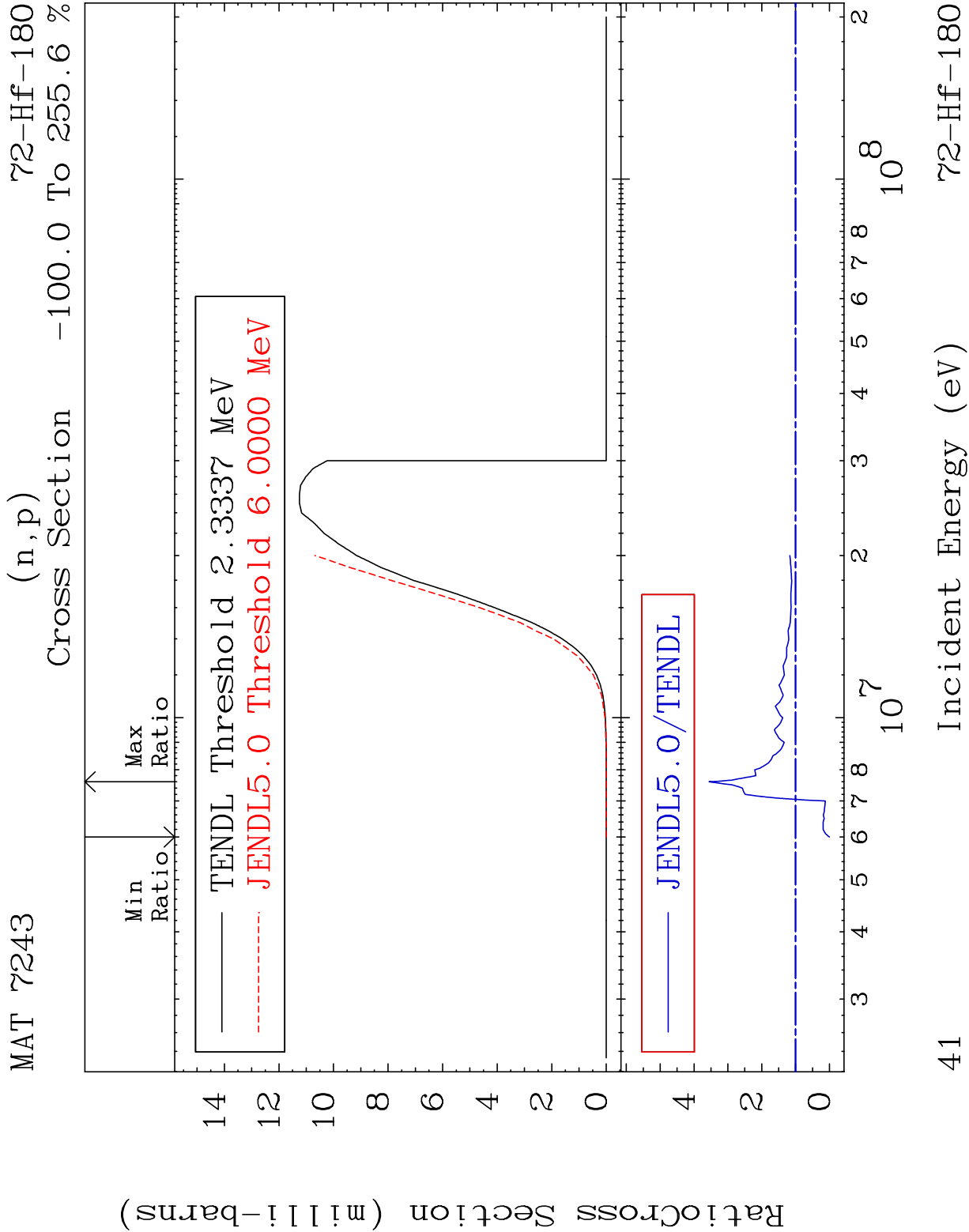
Cross Section

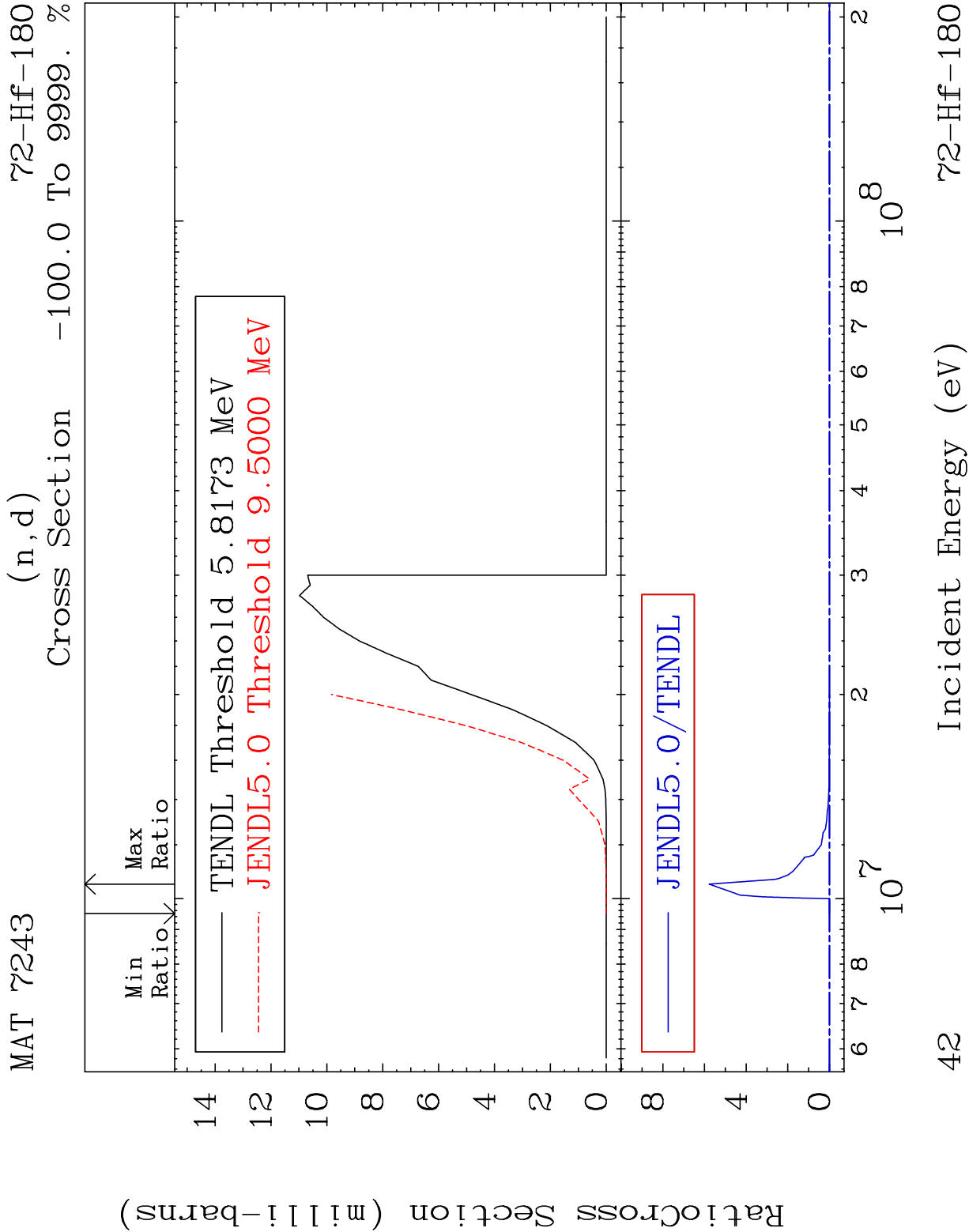
-91.27 To 302.1 %

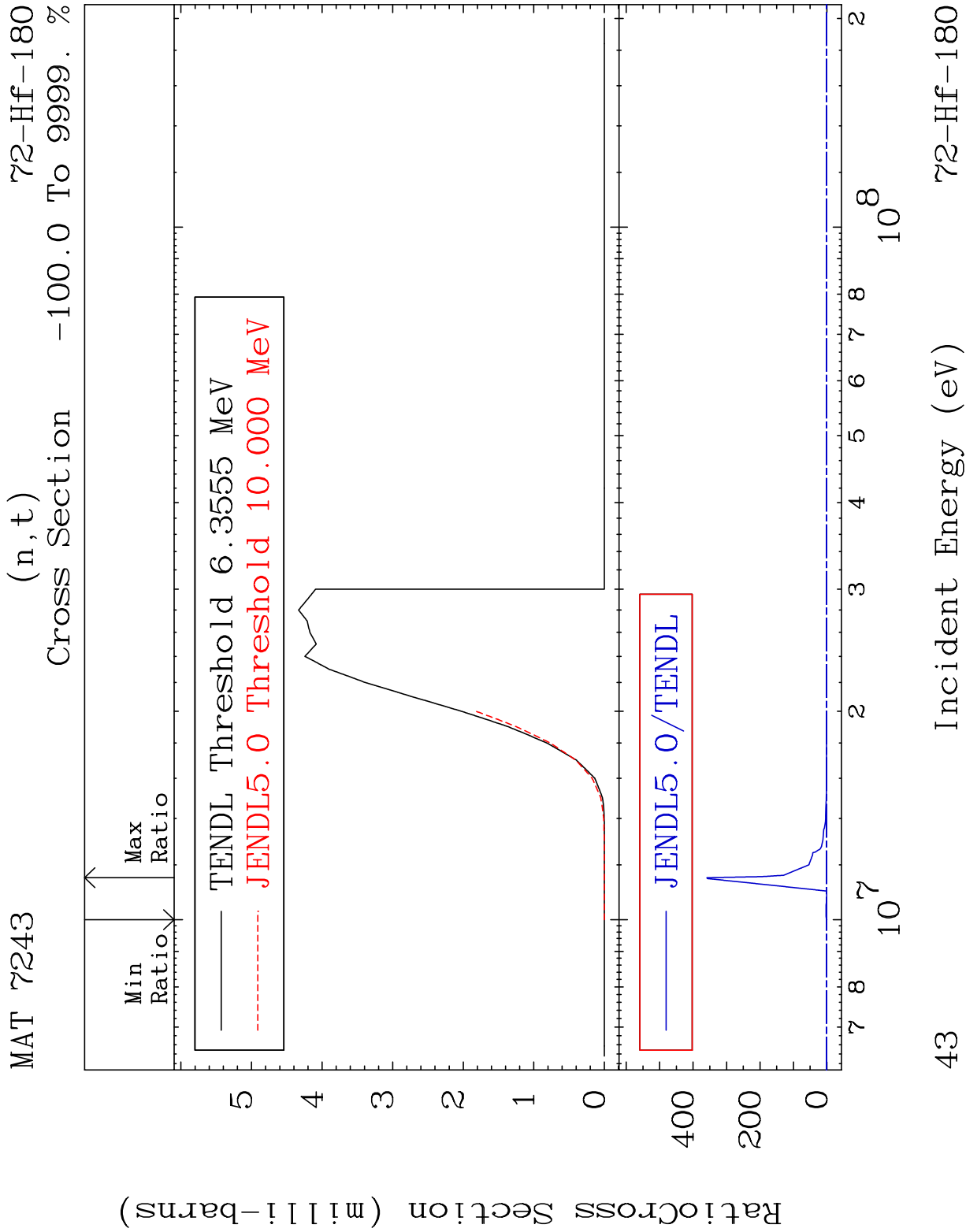










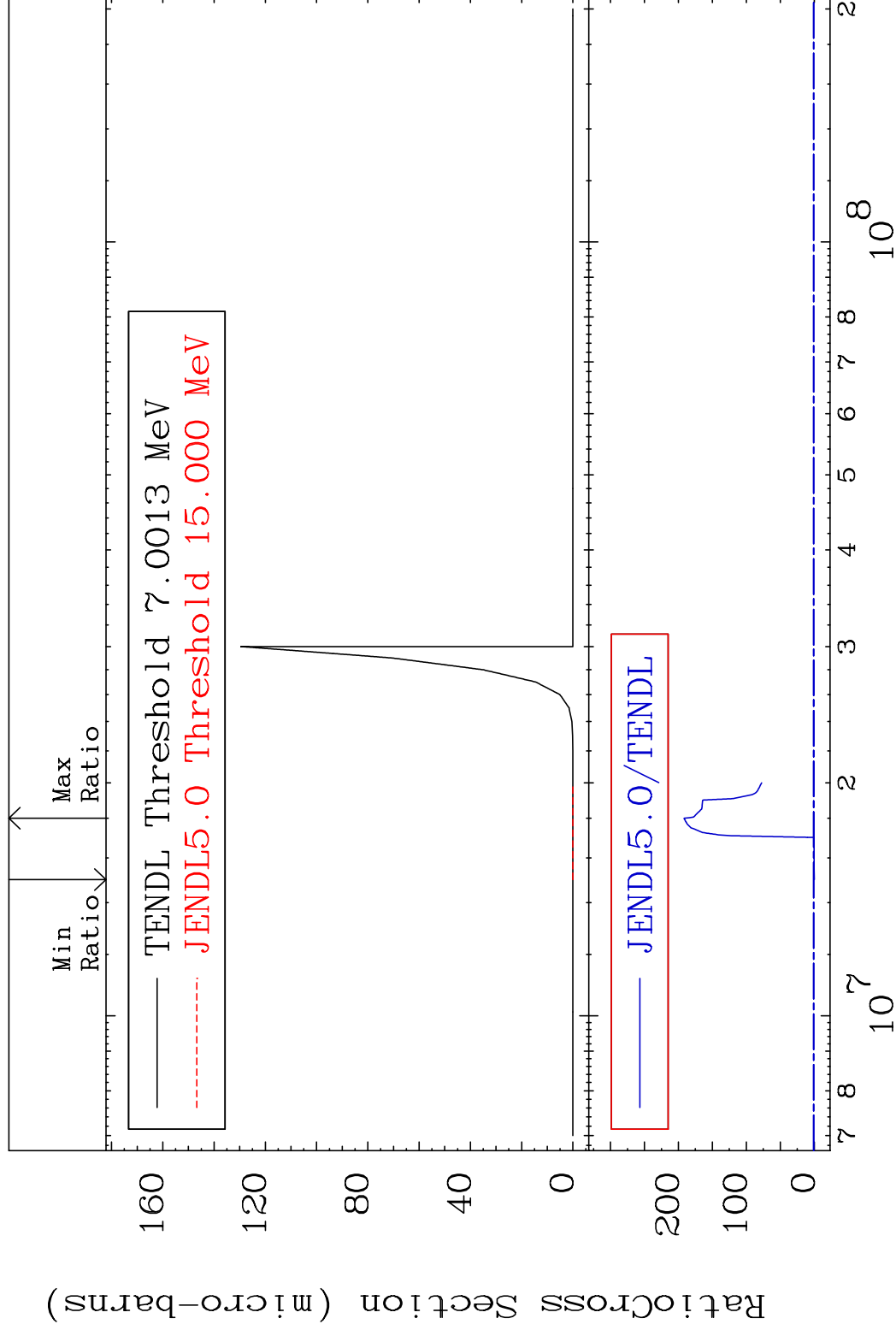


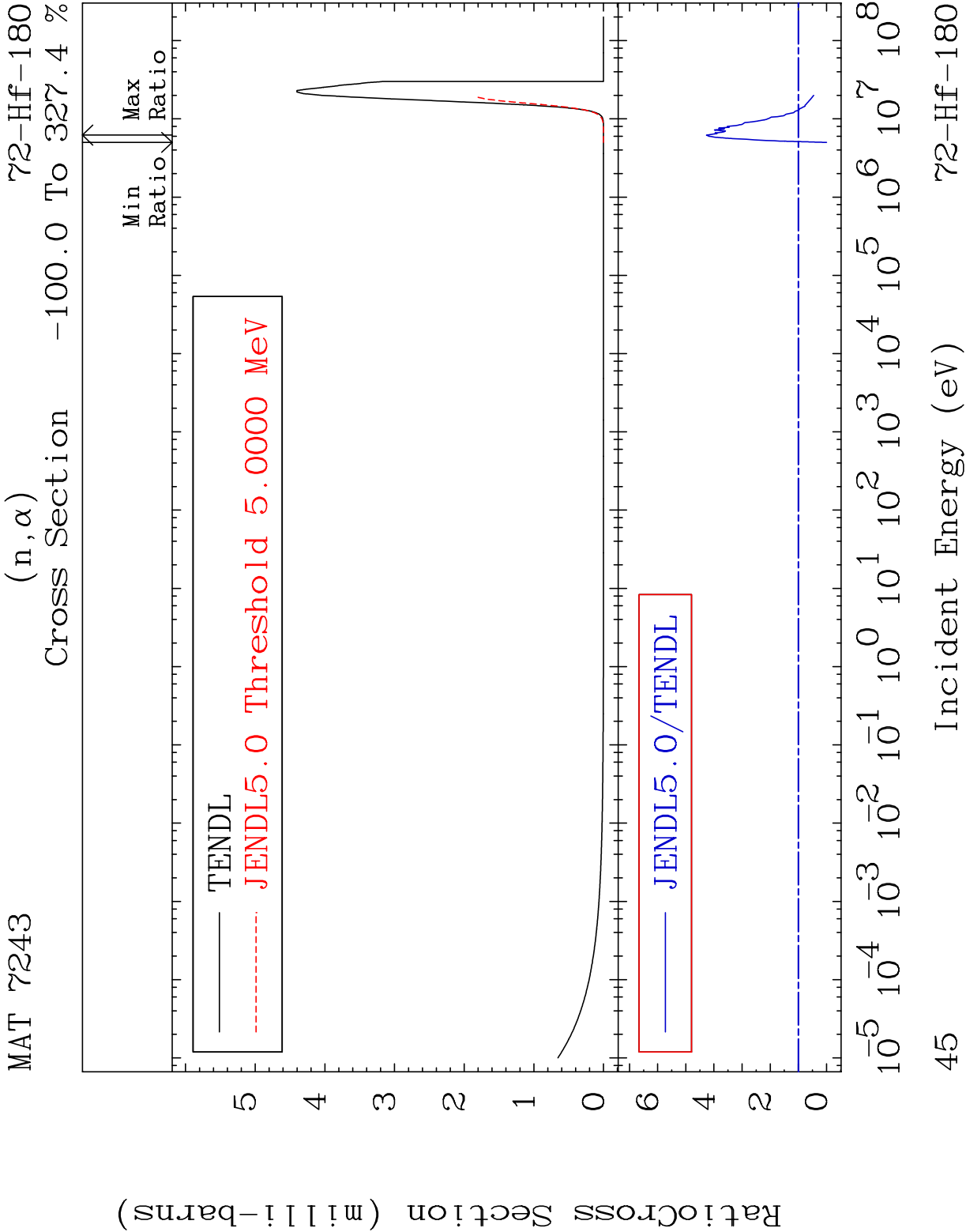
MAT 7243

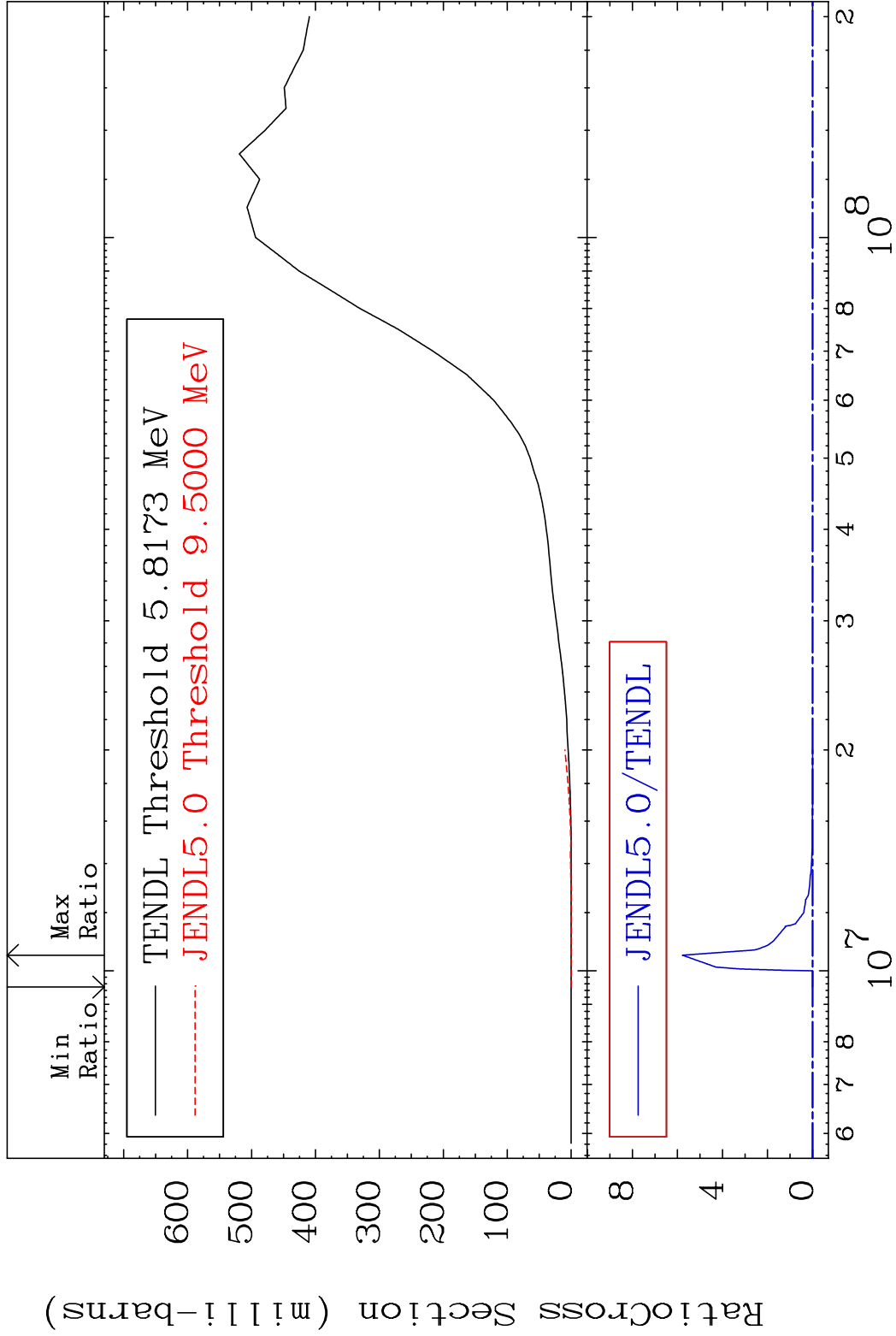
 $(n, \text{He-3})$

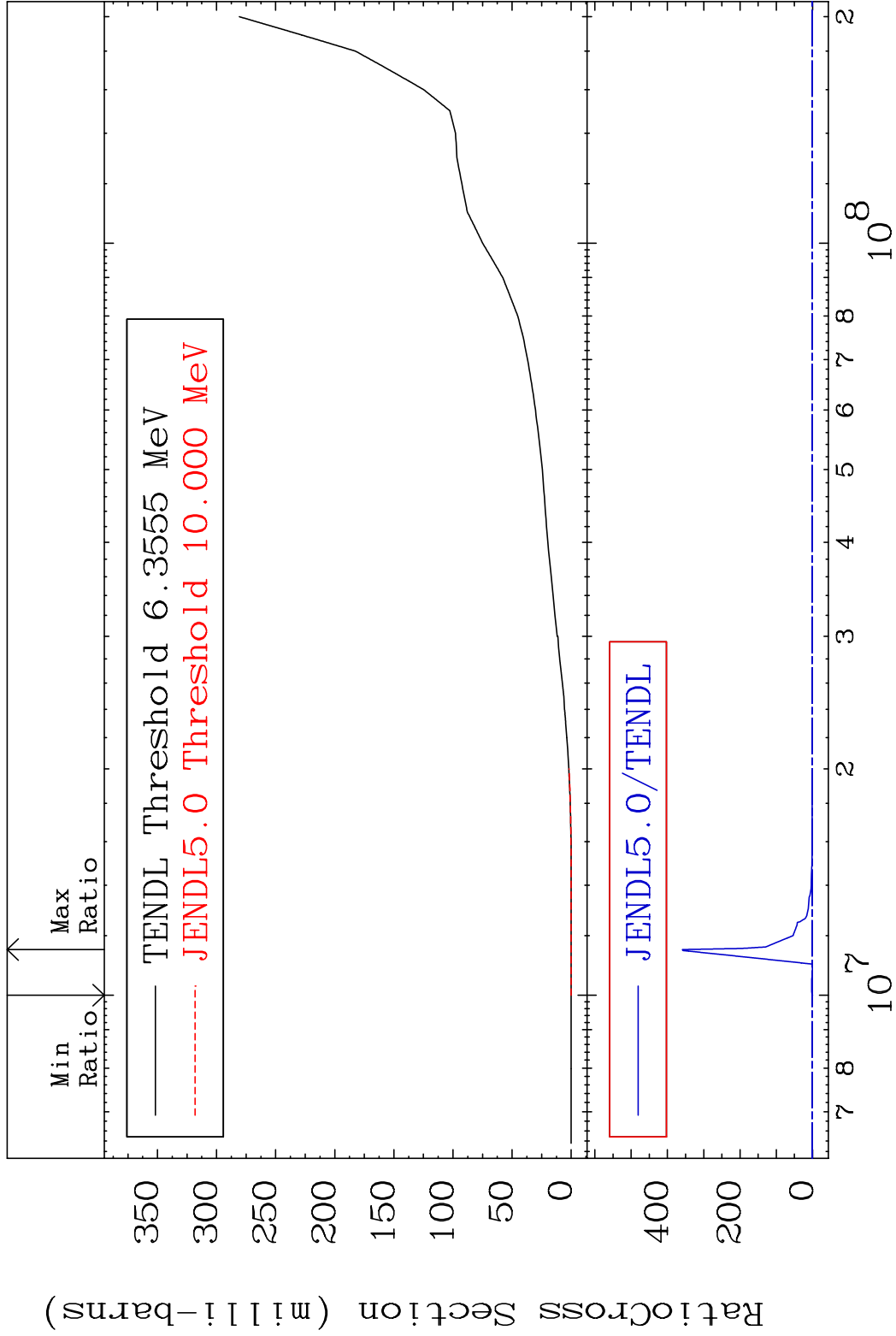
72-Hf-180

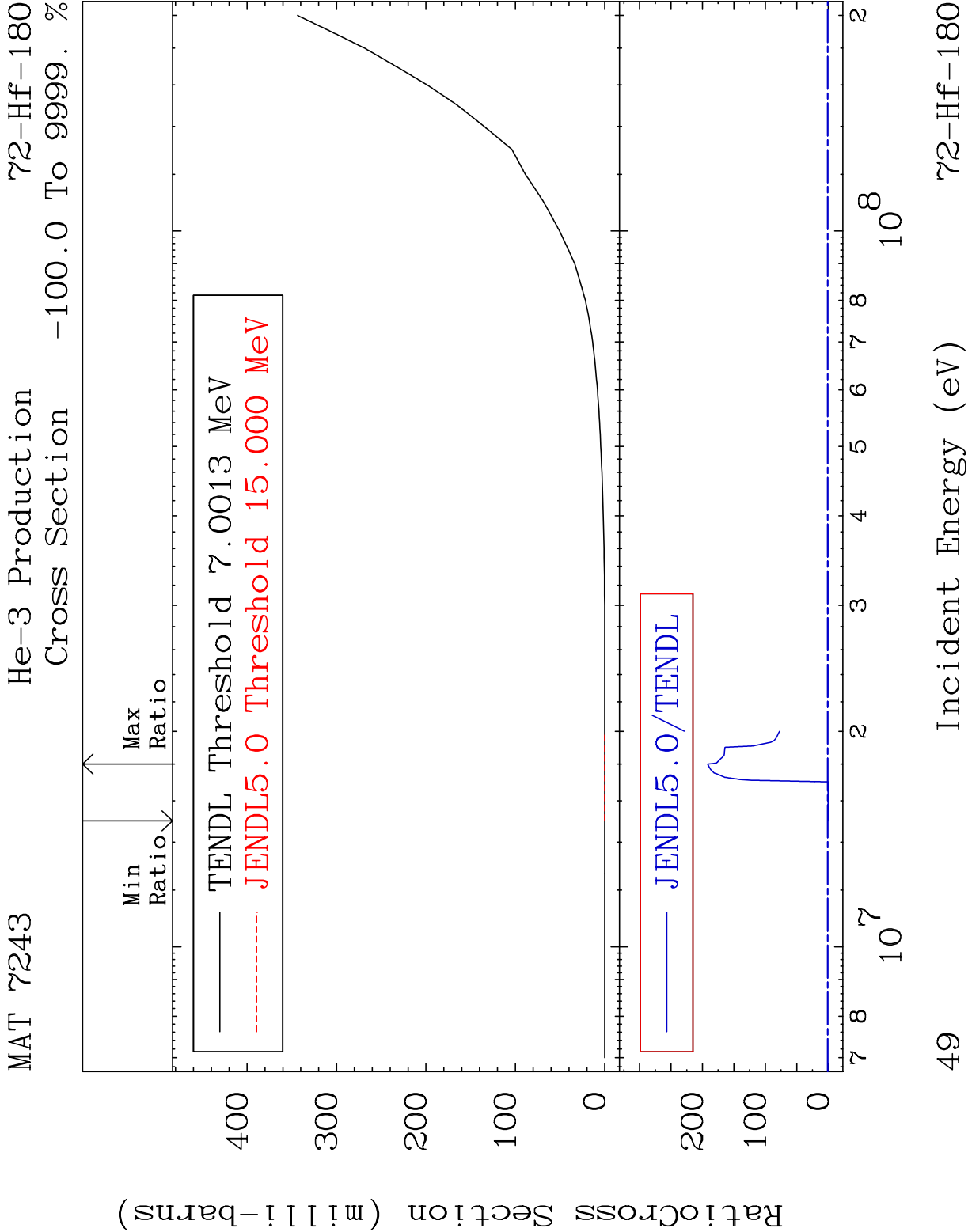
Cross Section -100.0 To 9999. %

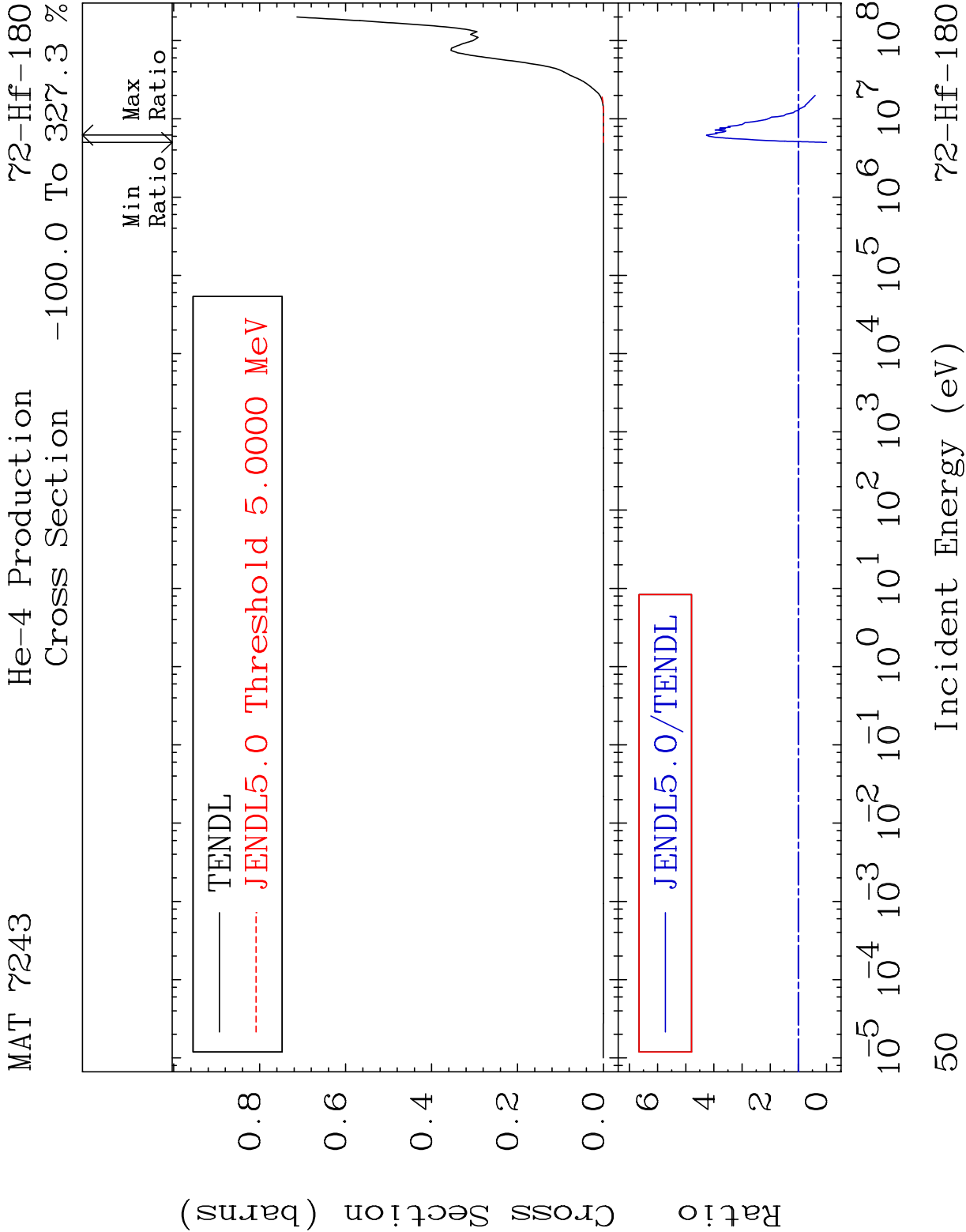


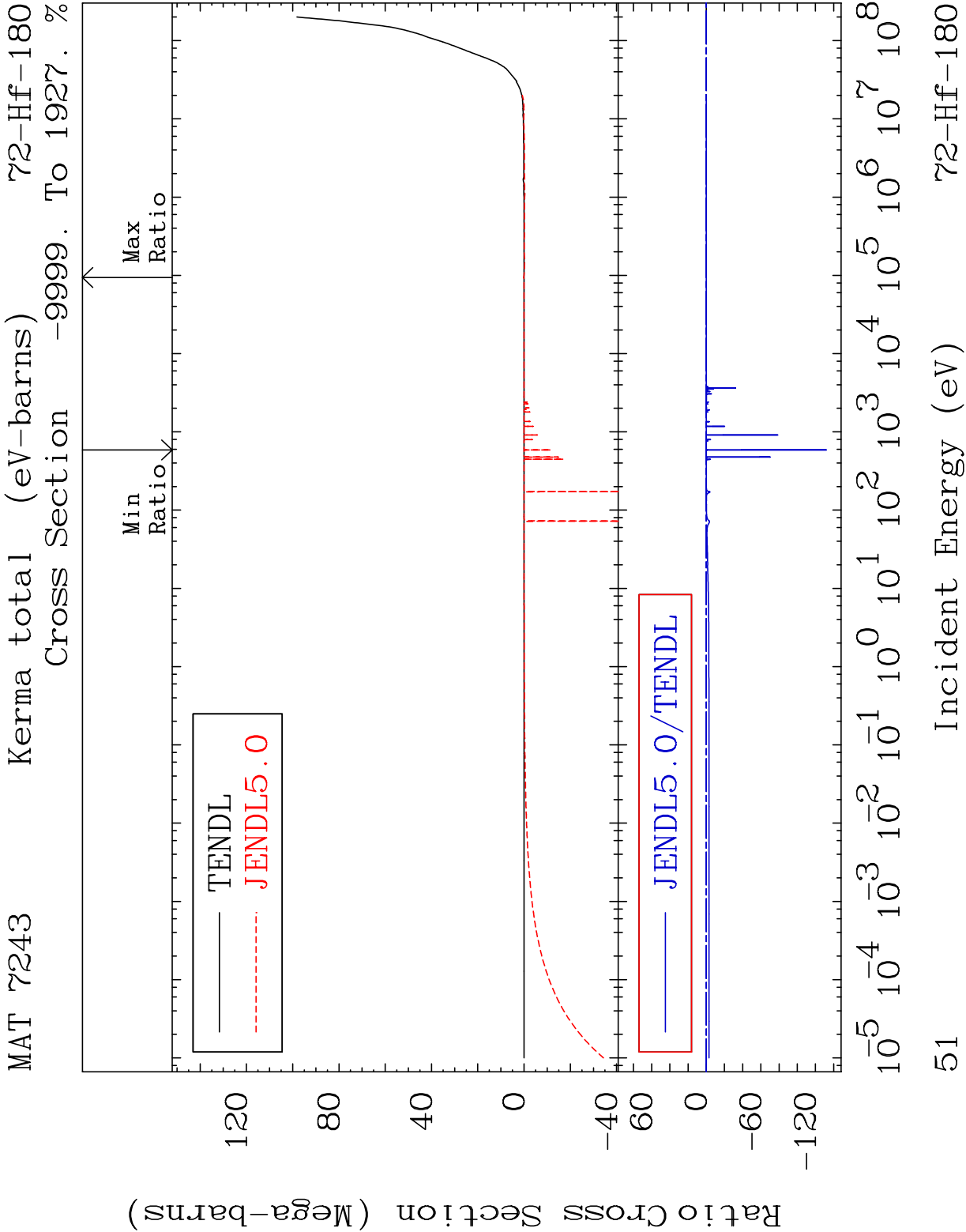


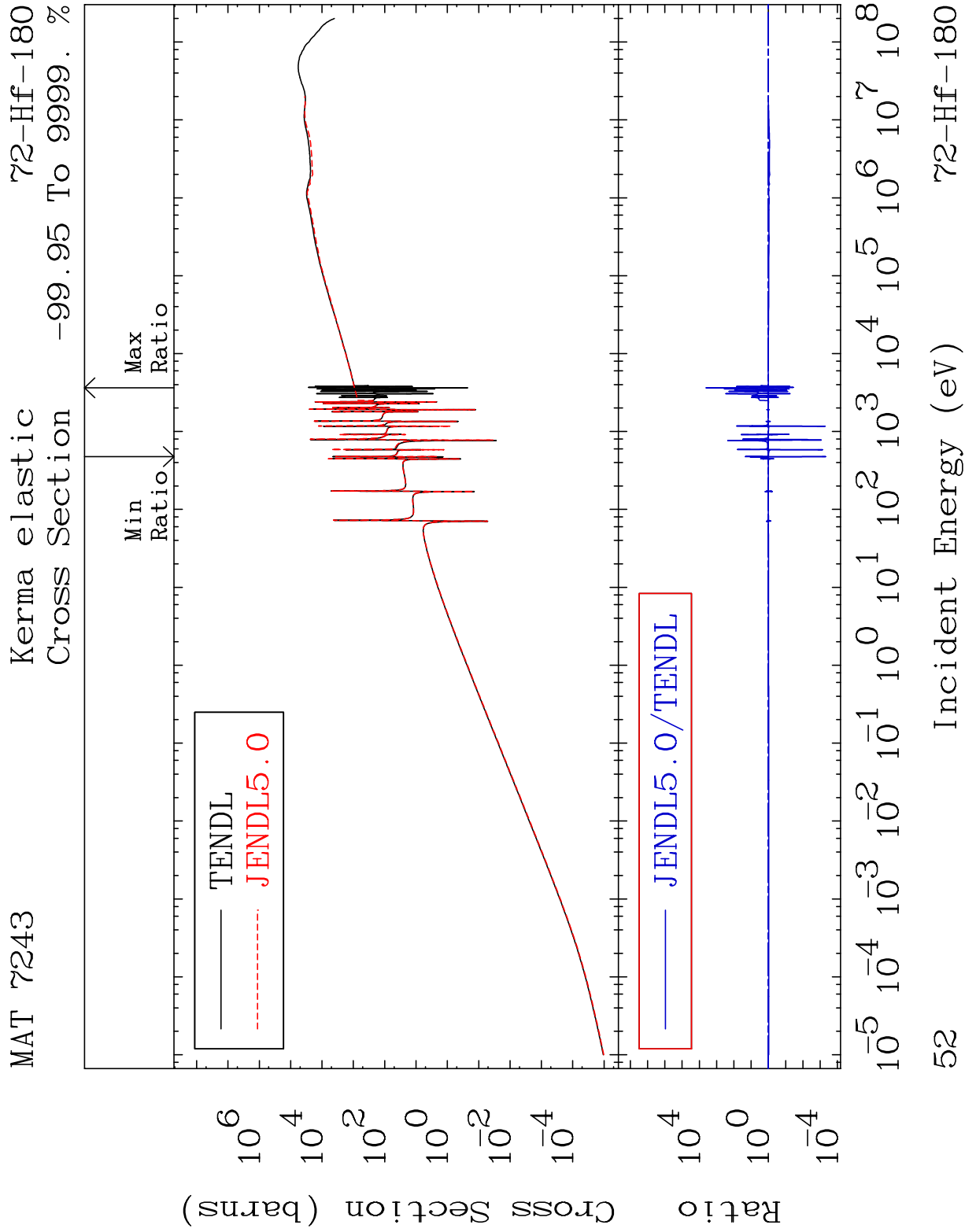




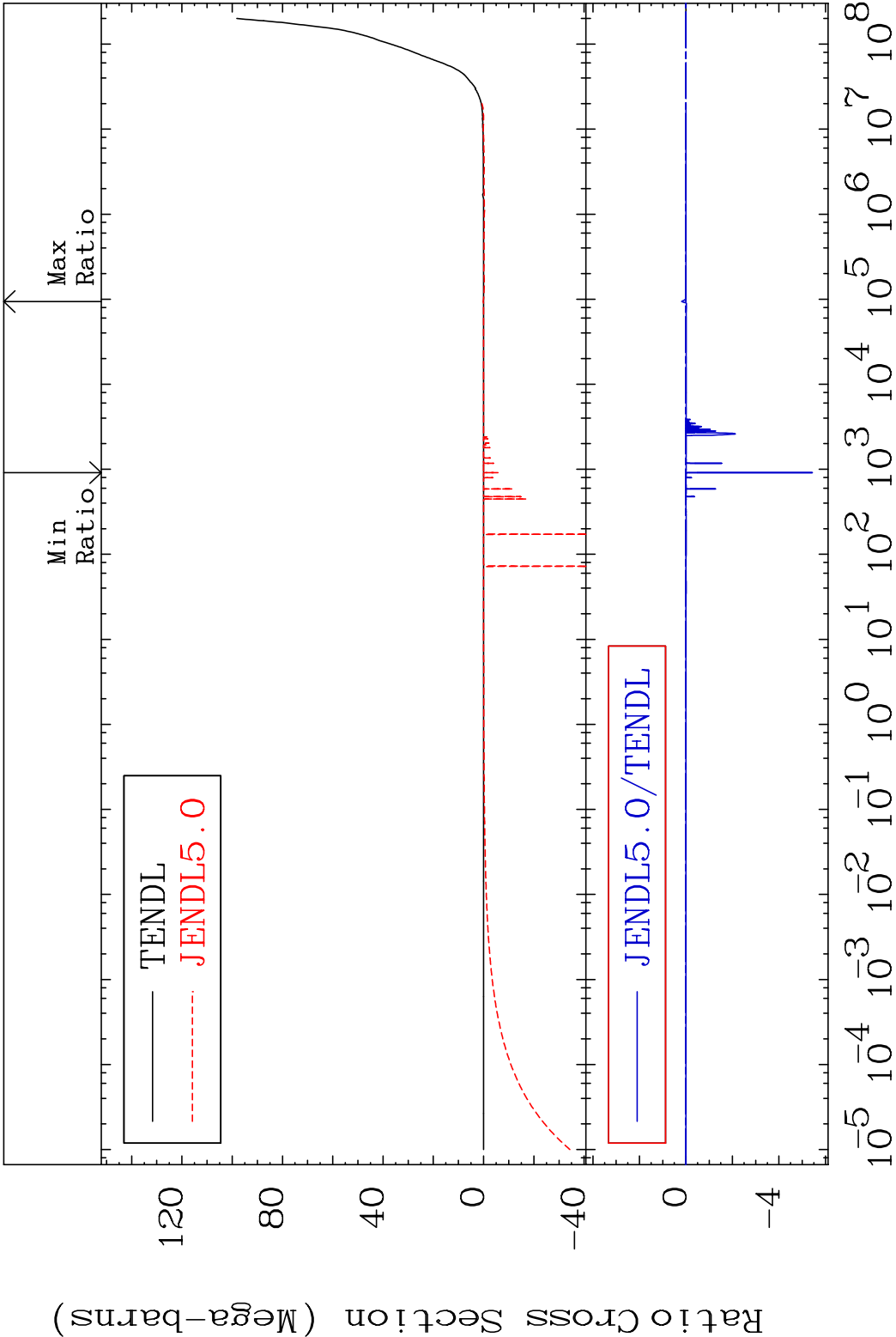


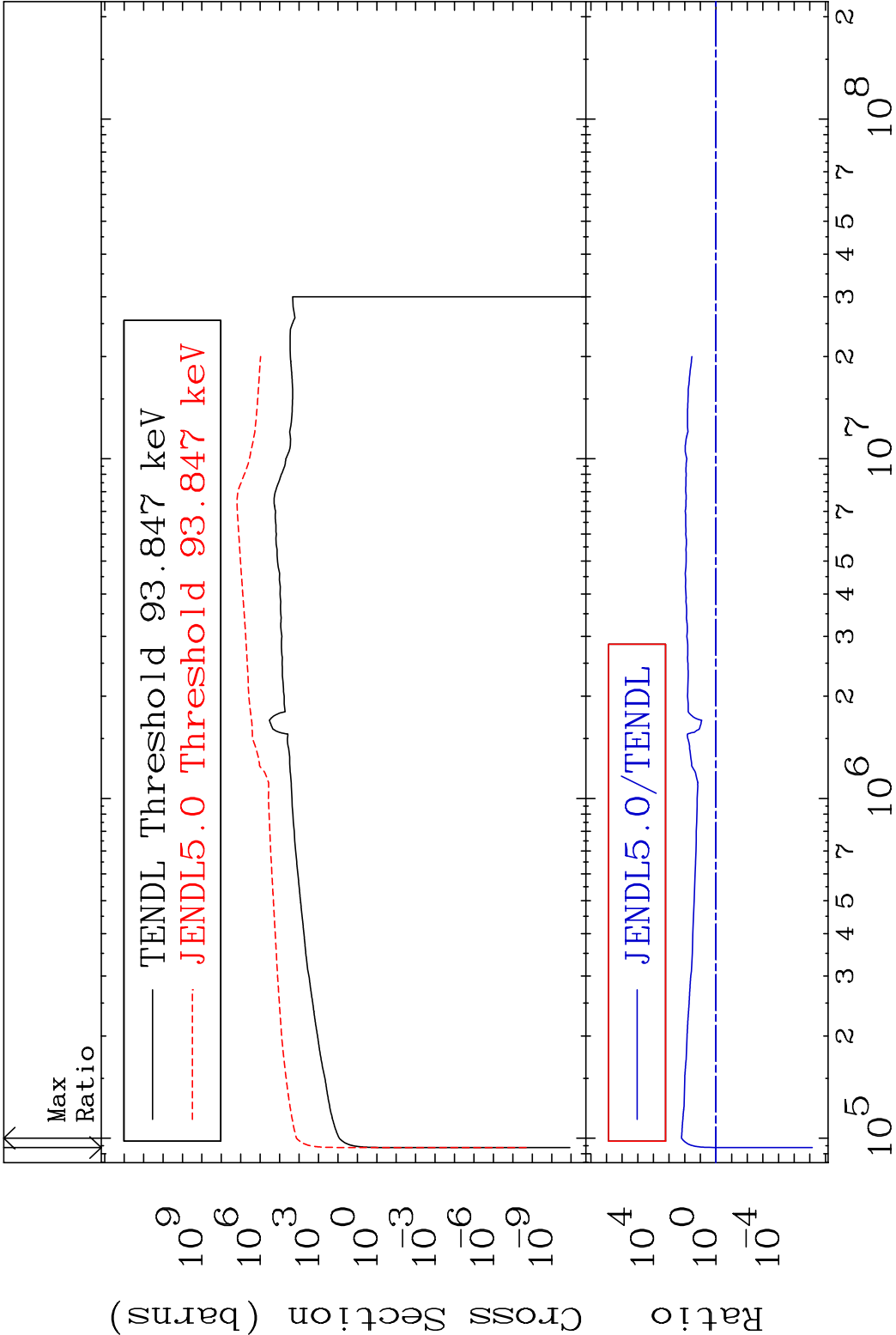




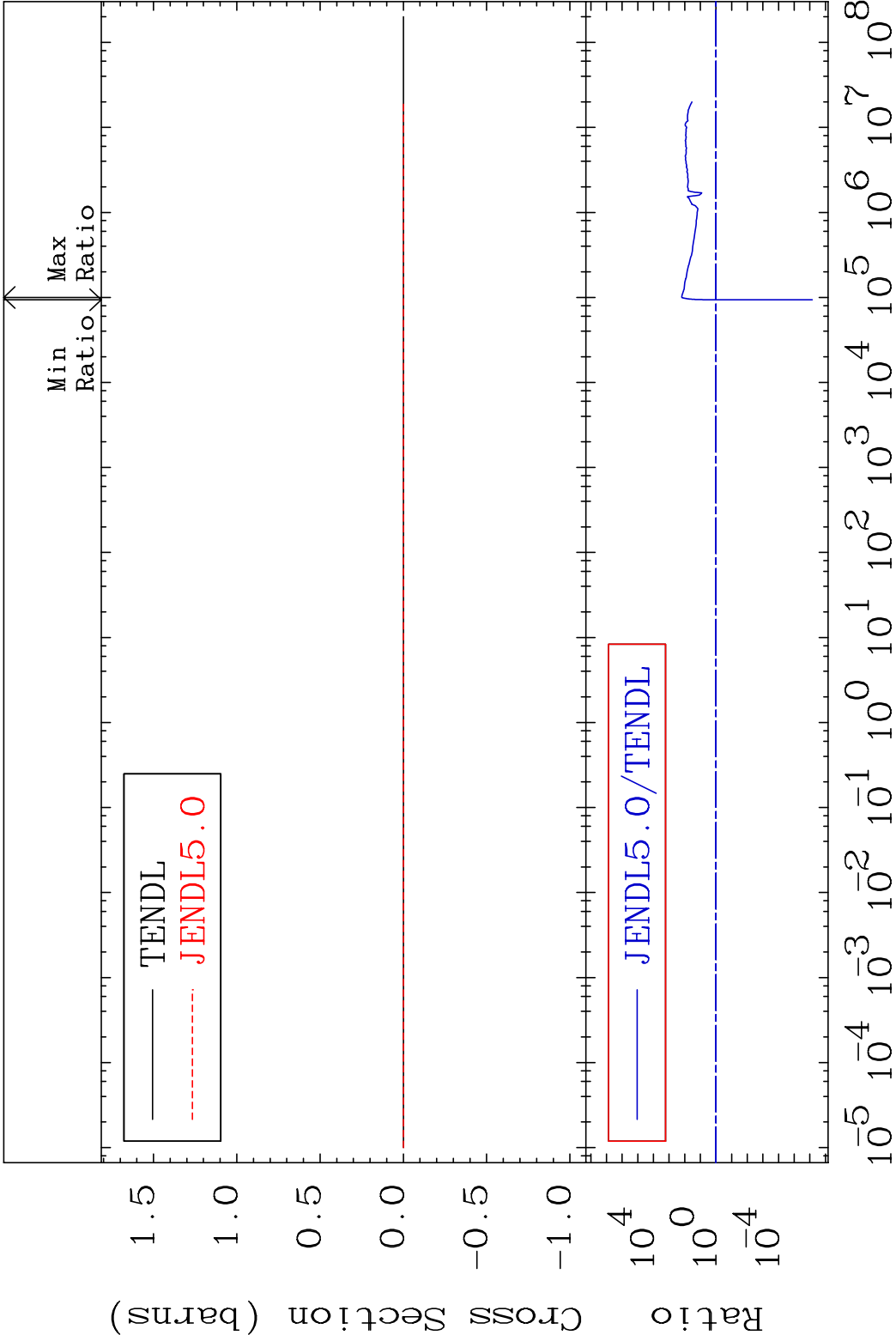


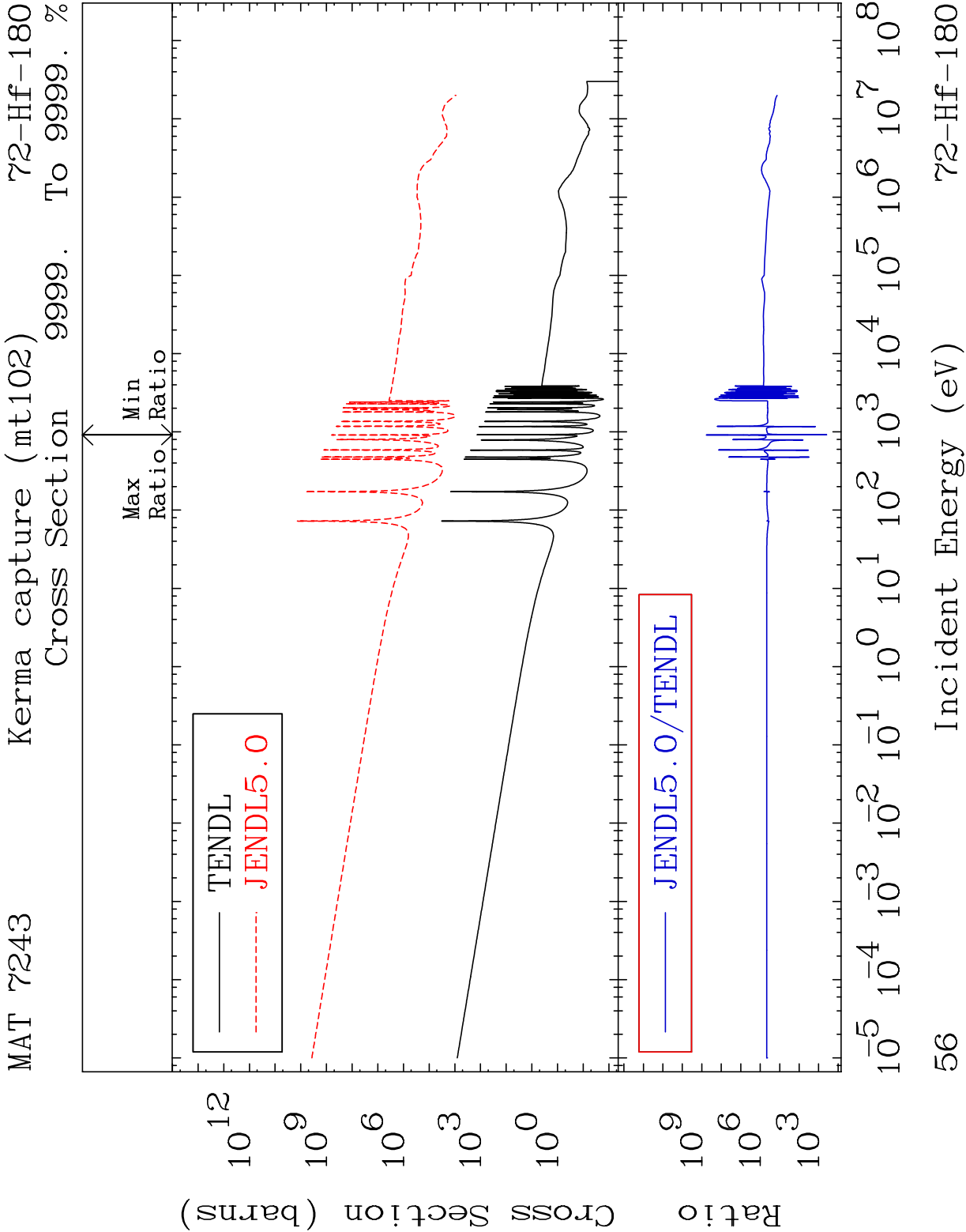
MAT 7243 Kerma non-elastic (all but mt2) 72-Hf-180
Cross Section -9999. To 9999. %

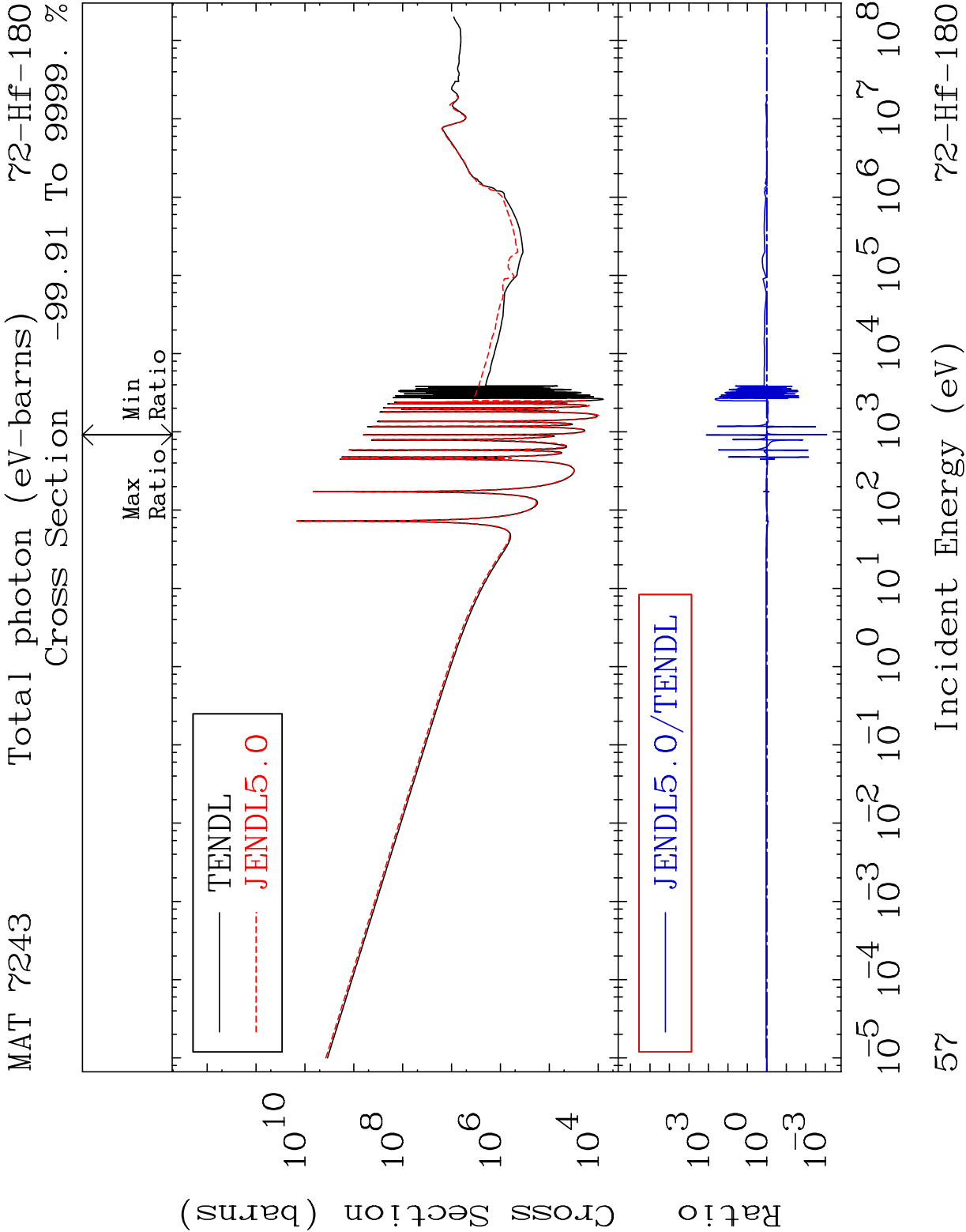




MAT 7243Kerma fission (mt18 or mt19-20-21-38)72-Hf-180
Cross Section -100.0 To 9999. %

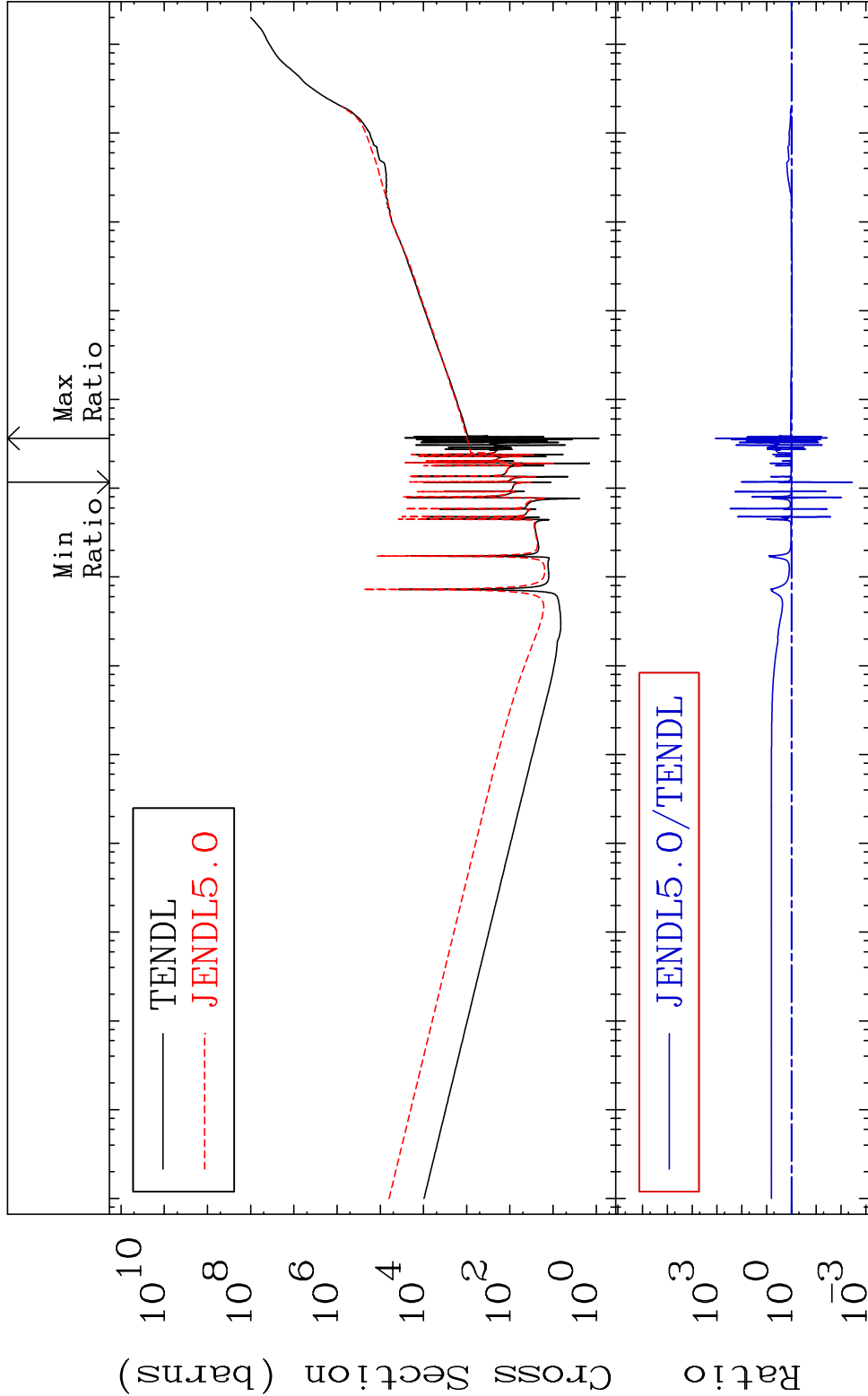




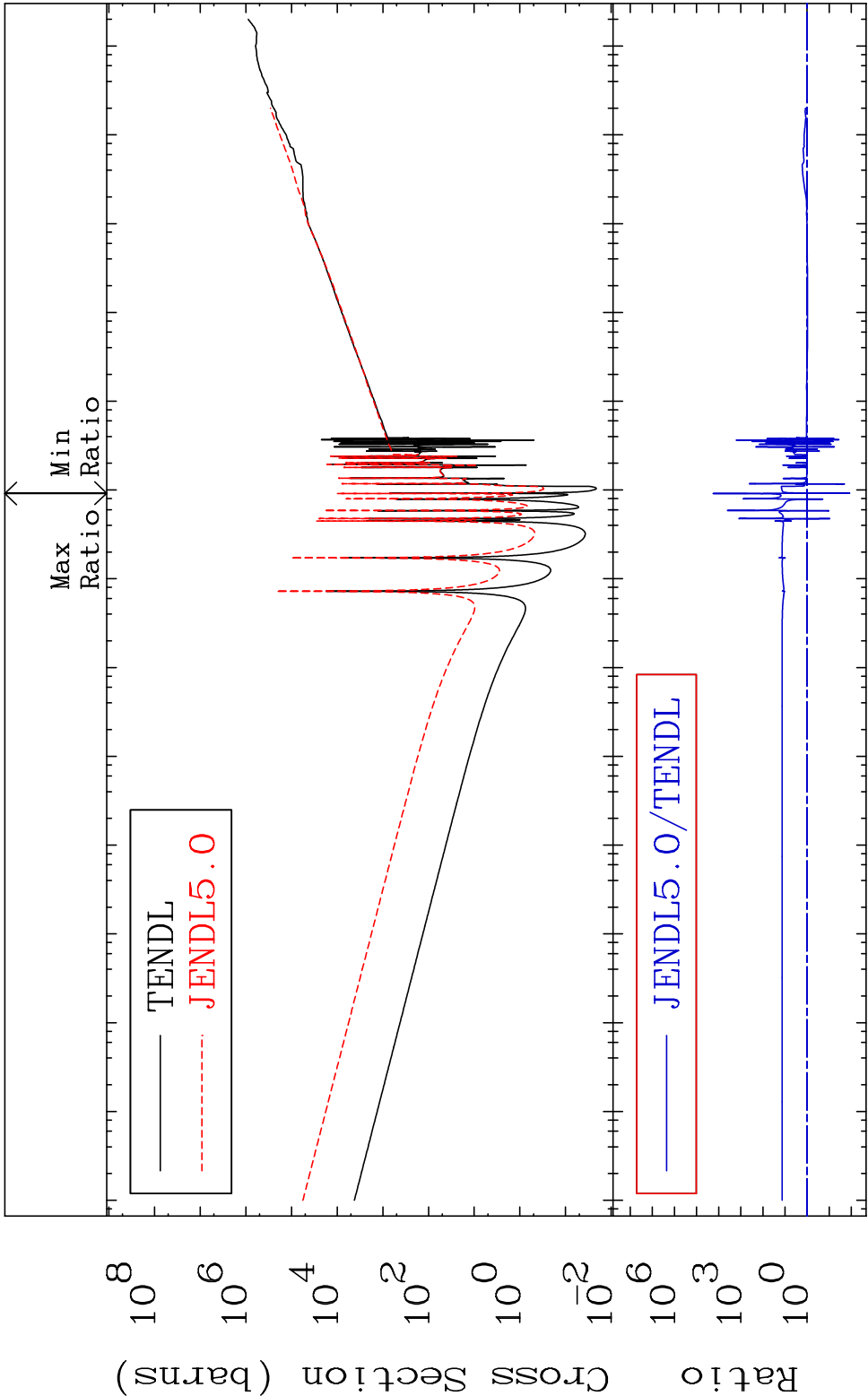


MAT 7243 Total kinematic kerma (high limit) 72-Hf-180

Cross Section -99.65 To 9999. %

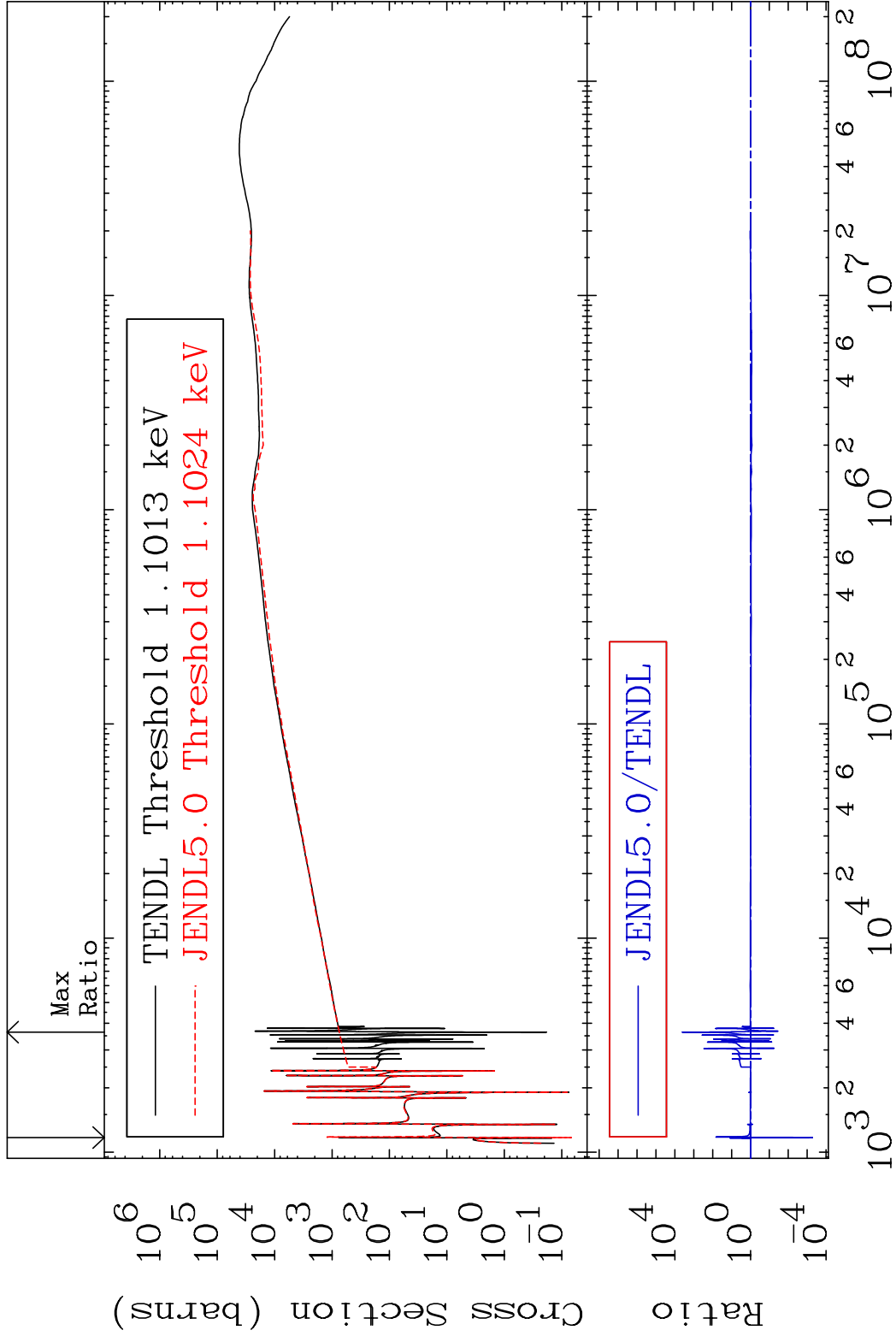


MAT 7243 Dpa total (eV-barns) 72-Hf-180
Cross Section -98.80 To 9999. %



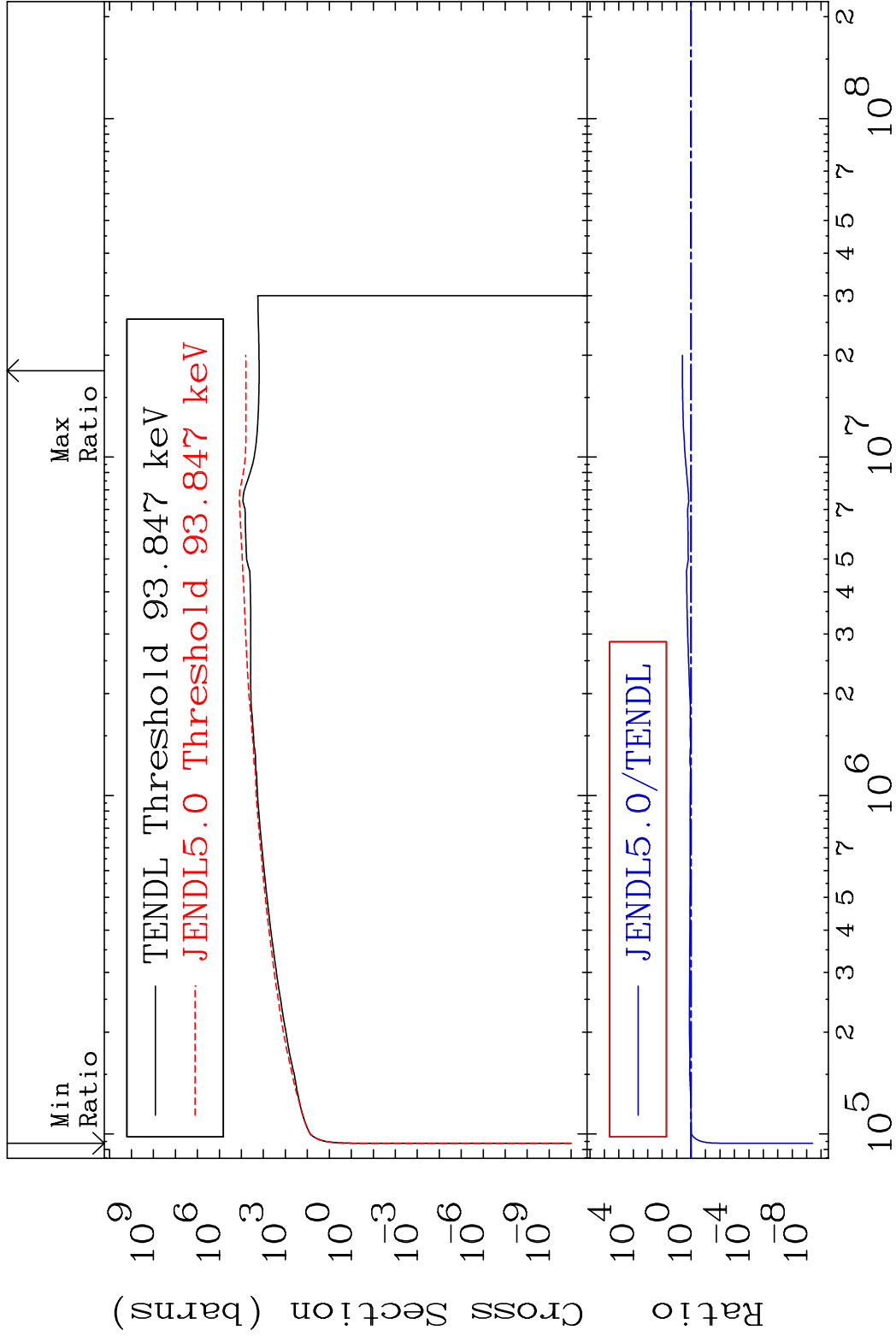
59 Incident Energy (eV) 72-Hf-180

MAT 7243 Dpa elastic (mt2) 72-Hf-180
Cross Section -99.95 To 9999. %



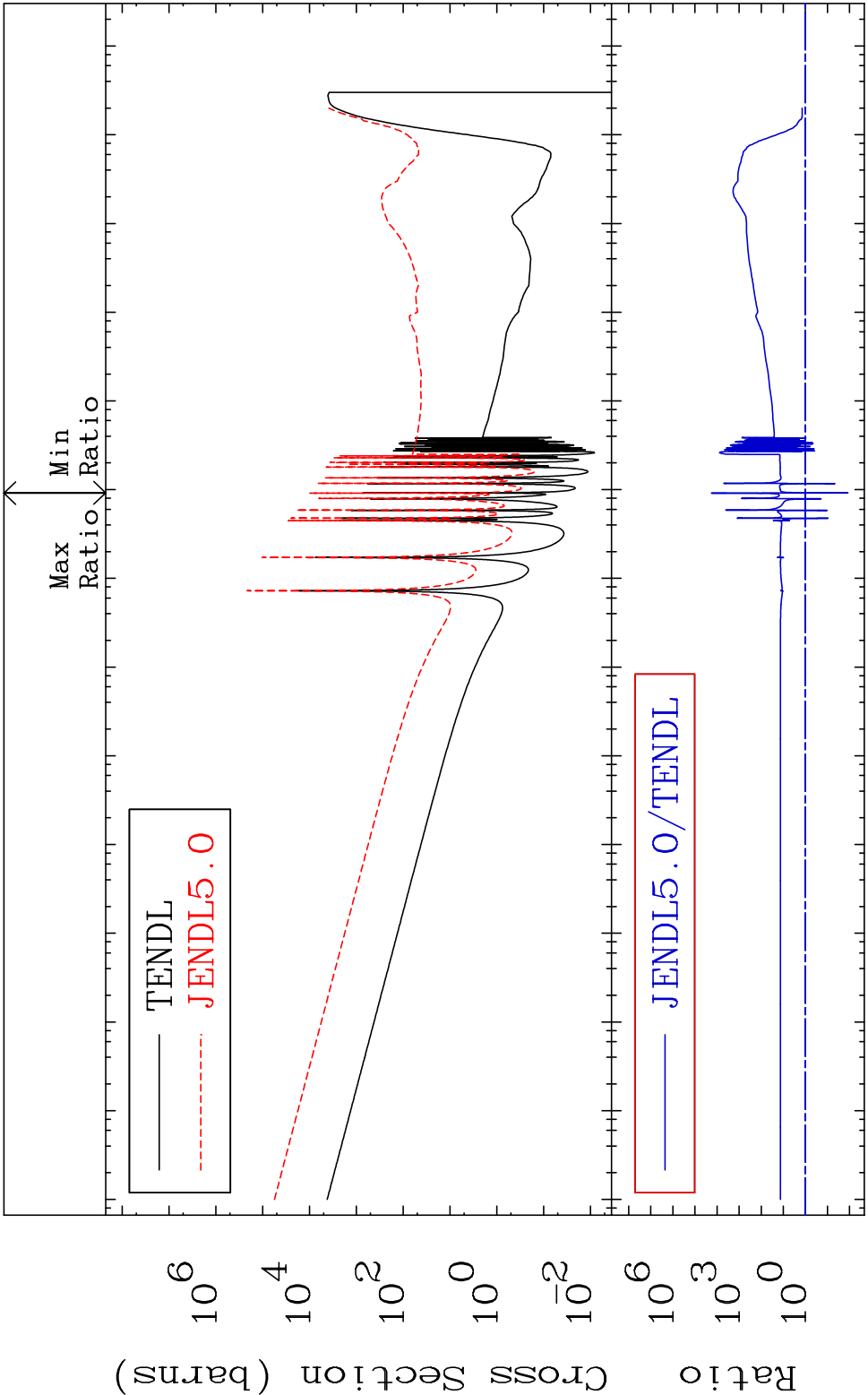
60 Incident Energy (eV) 72-Hf-180

MAT 7243 Dpa inelastic (mt51-91) 72-Hf-180
Cross Section -100.0 To 301.6 %



61 Incident Energy (eV) 72-Hf-180

MAT 7243 Dpa disappearance (mt102 -120) 72-Hf-180
 Cross Section -98.80 To 9999. %



62 Incident Energy (eV) 72-Hf-180

