

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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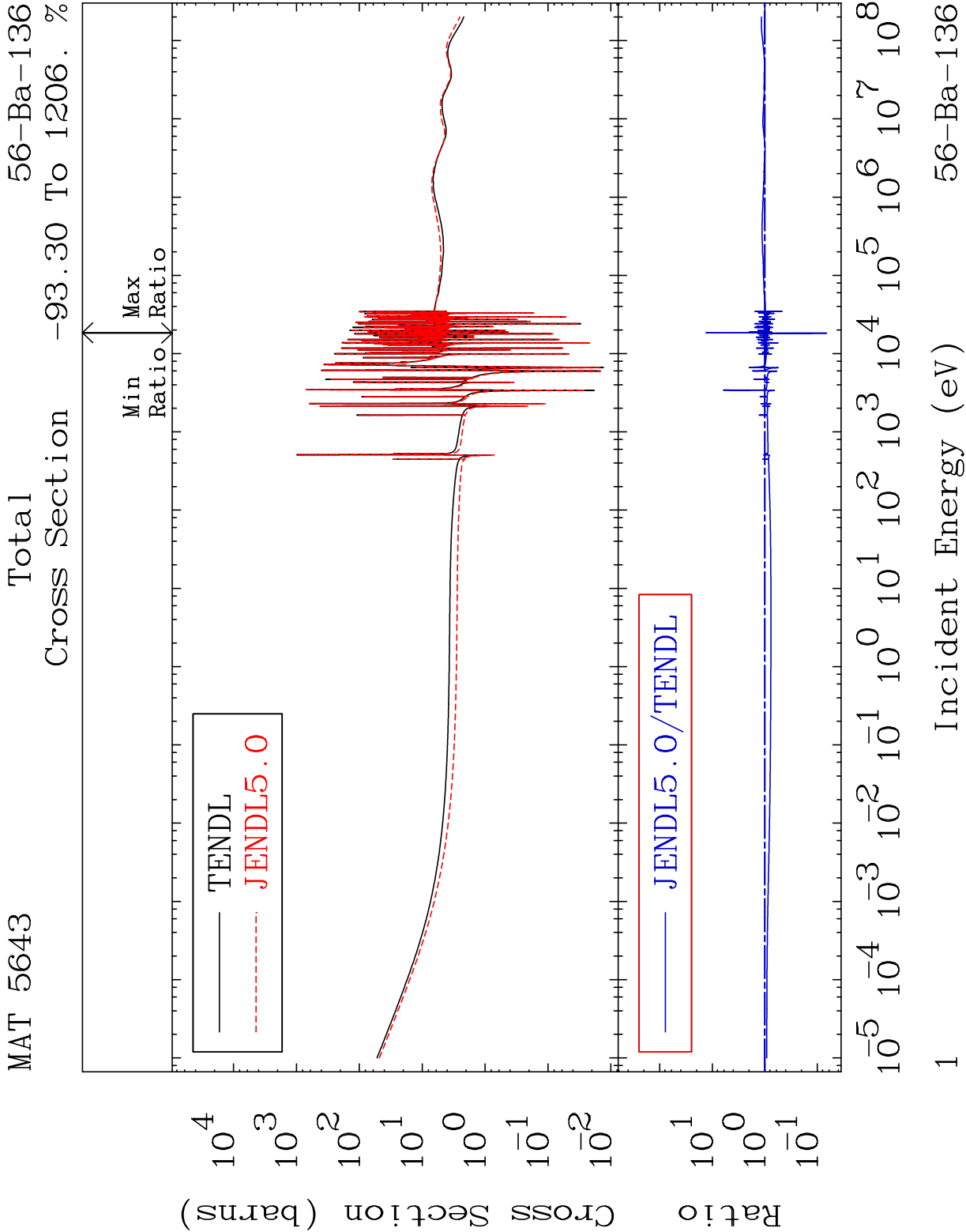
U.S.A.

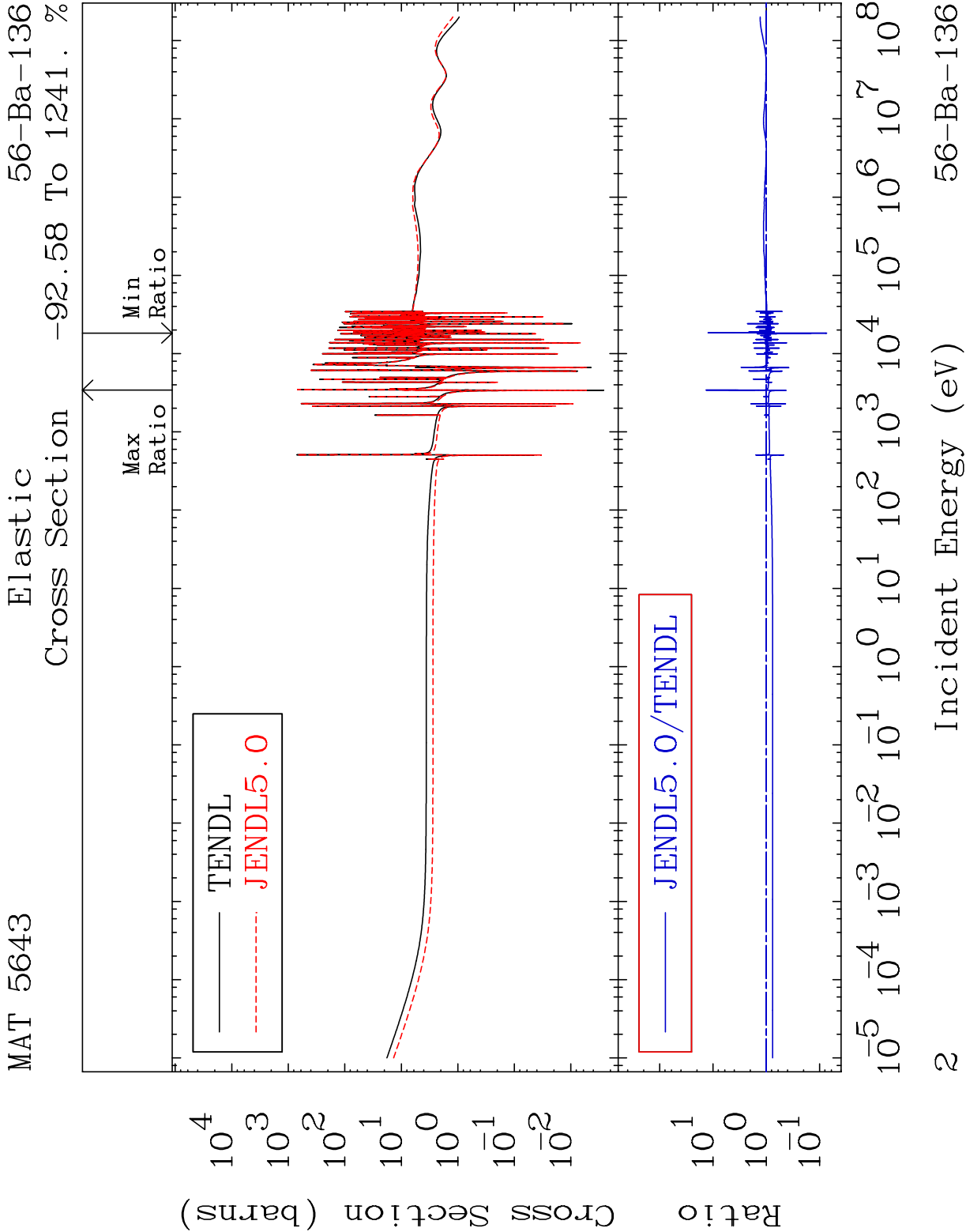
Tele: 925-443-1911

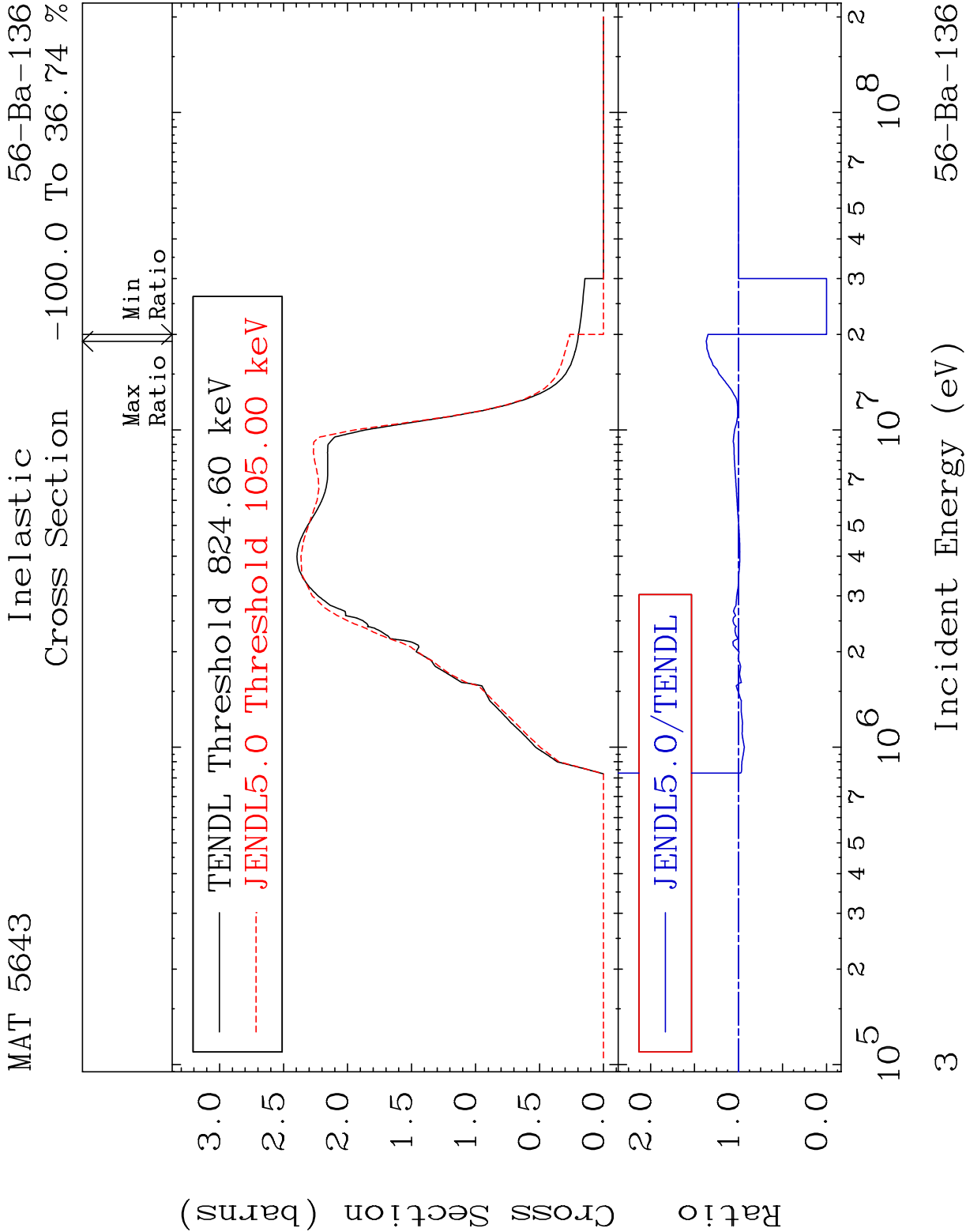
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

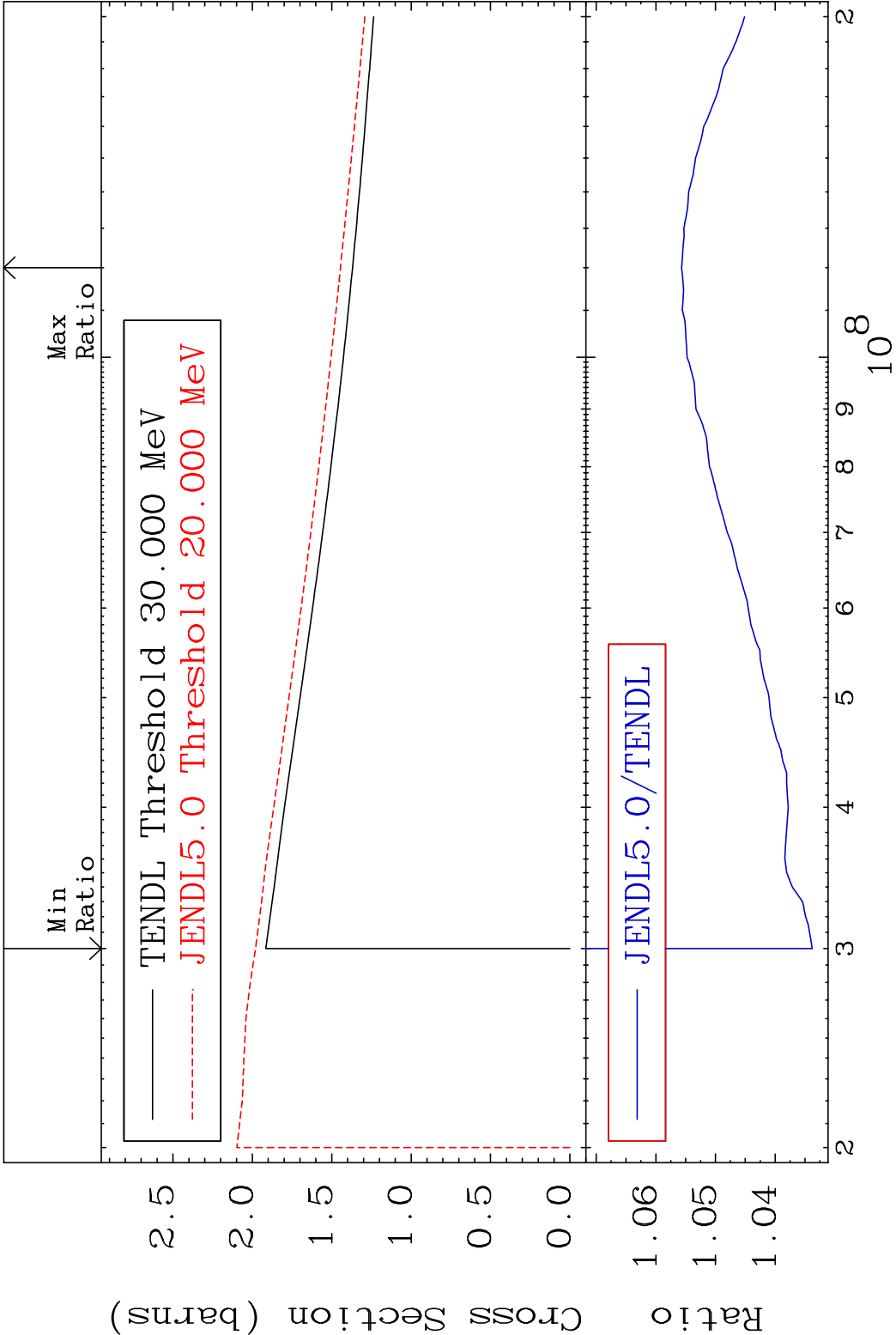
Press Mouse Button to Start



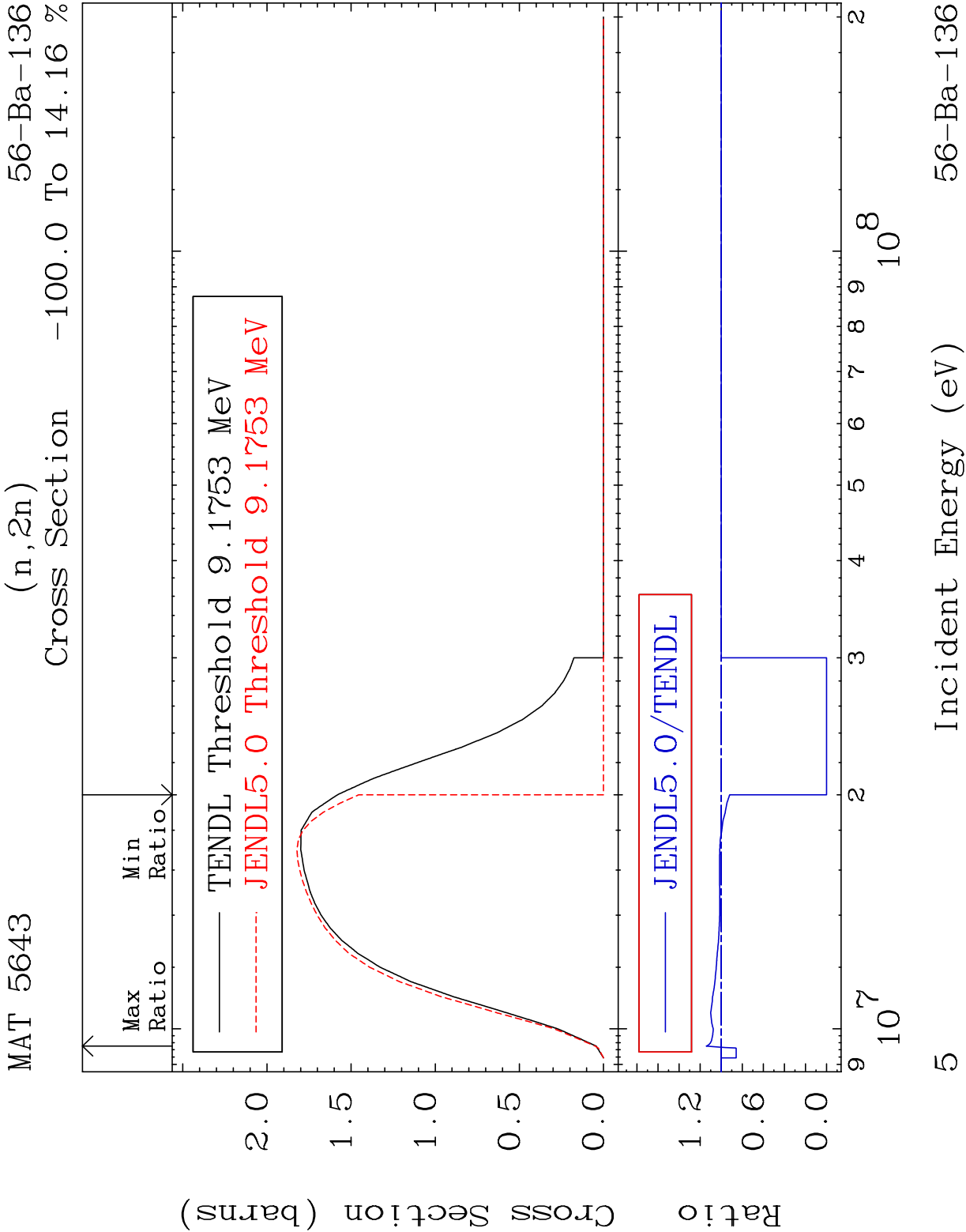




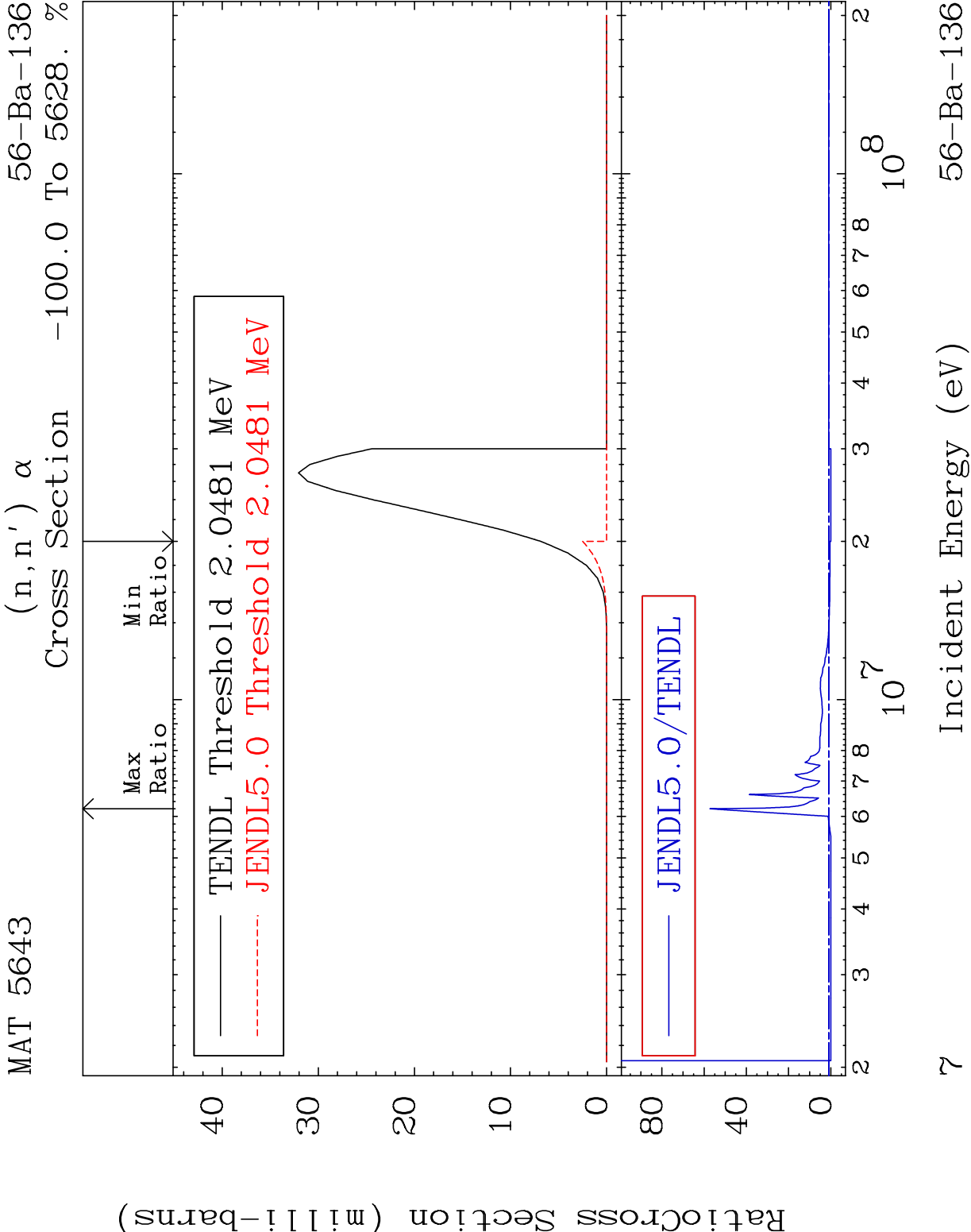
MAT 5643 (n, remainder) 56-Ba-136  
Cross Section 3.378 To 5.569 %



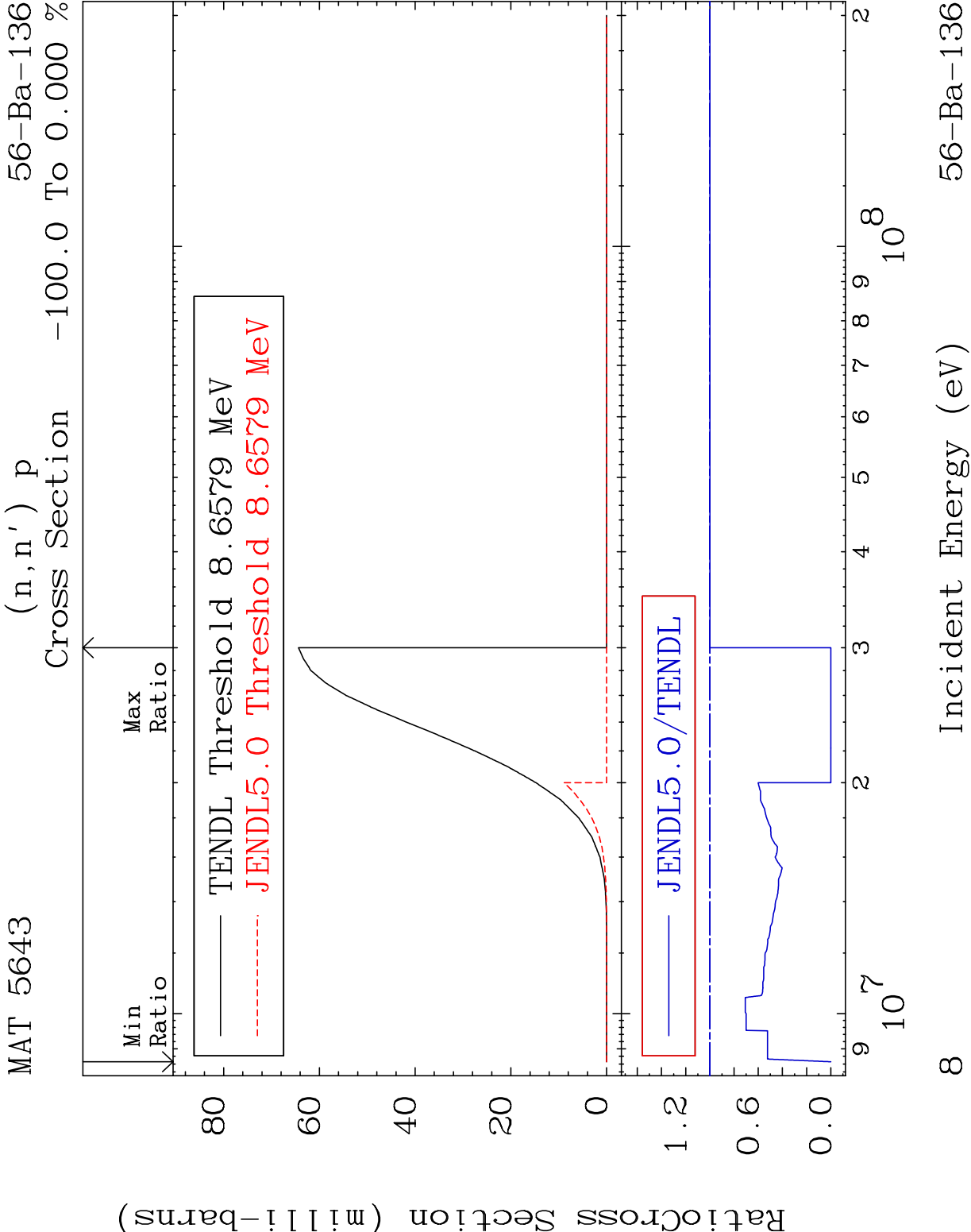
4 Incident Energy (eV) 56-Ba-136

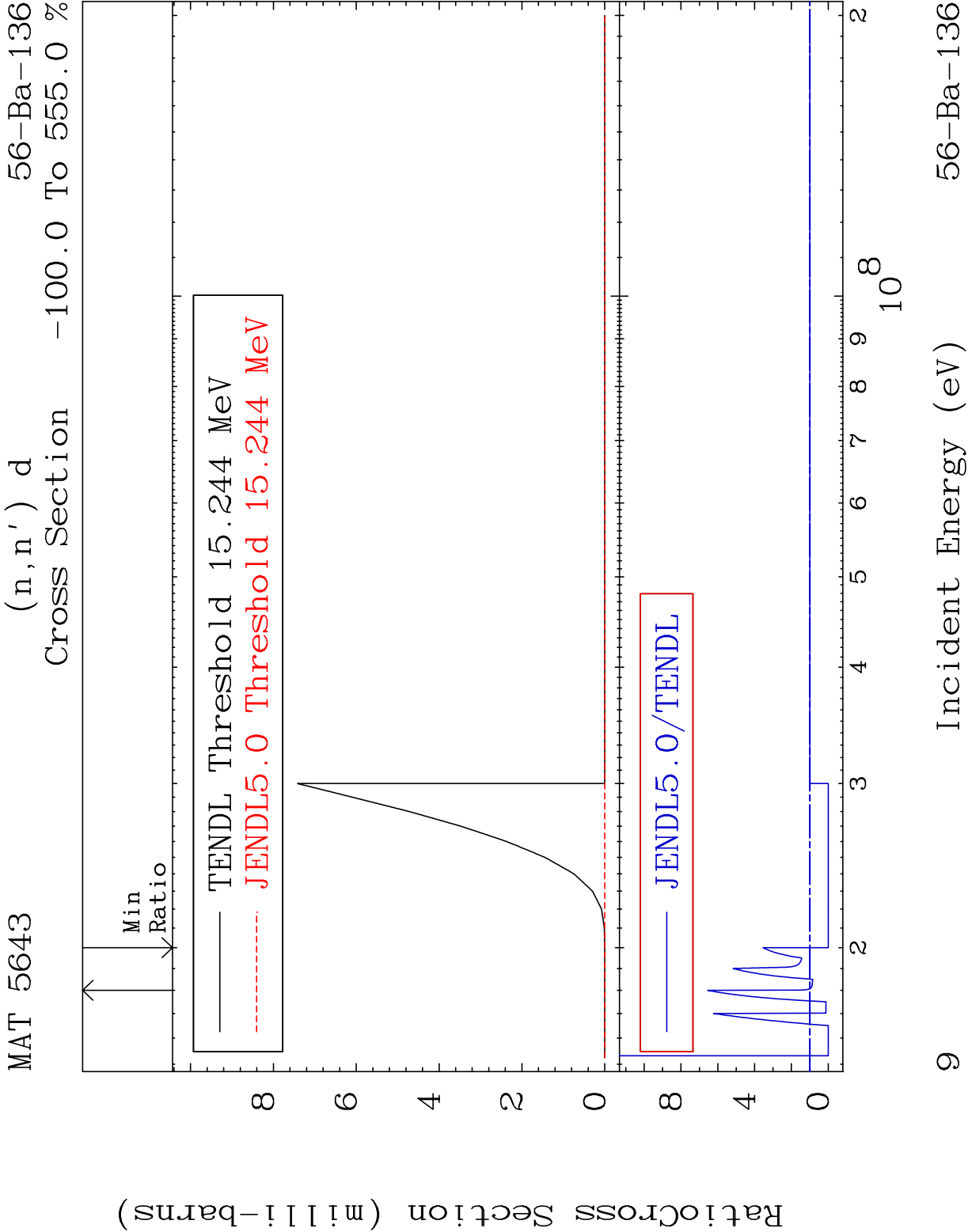


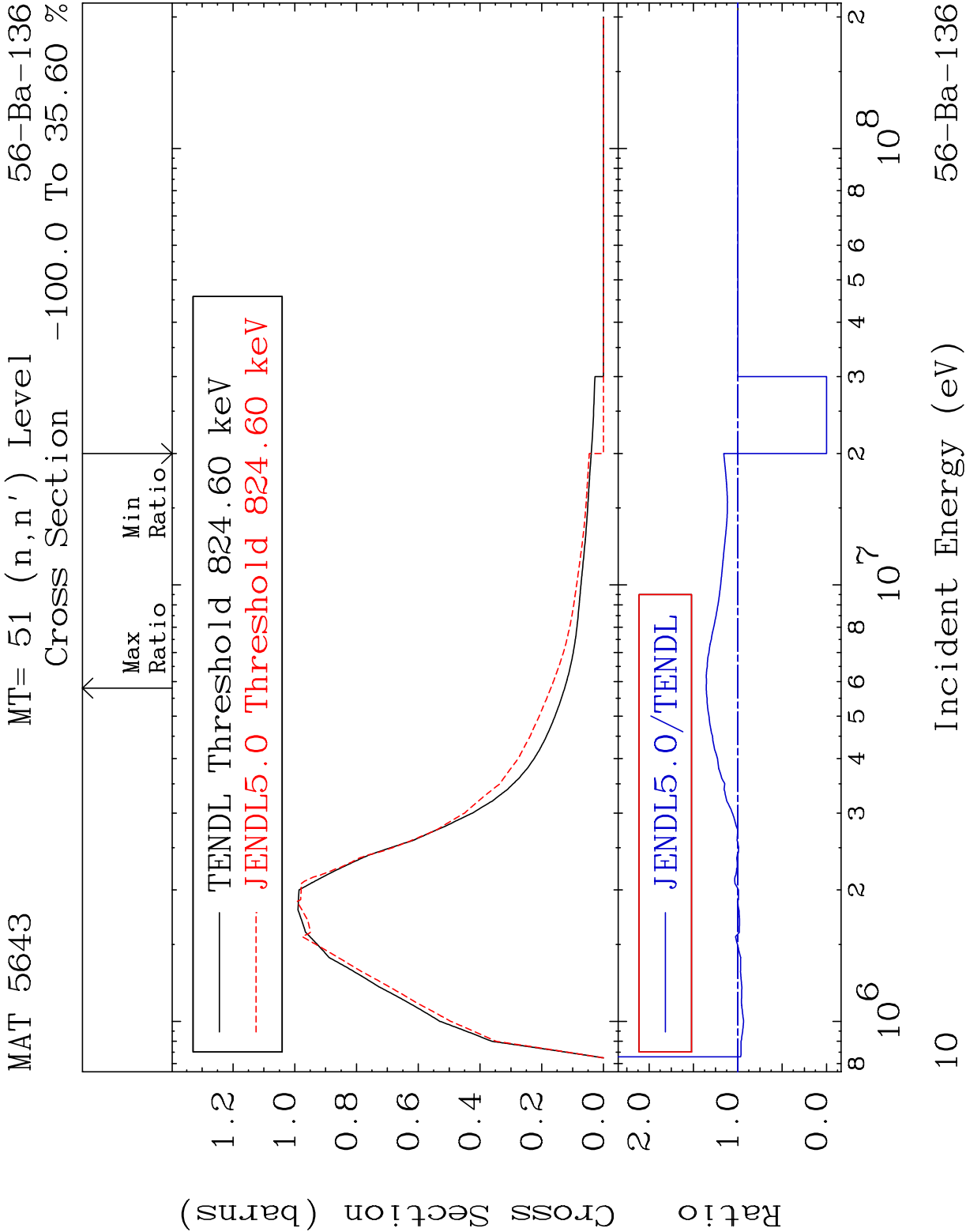


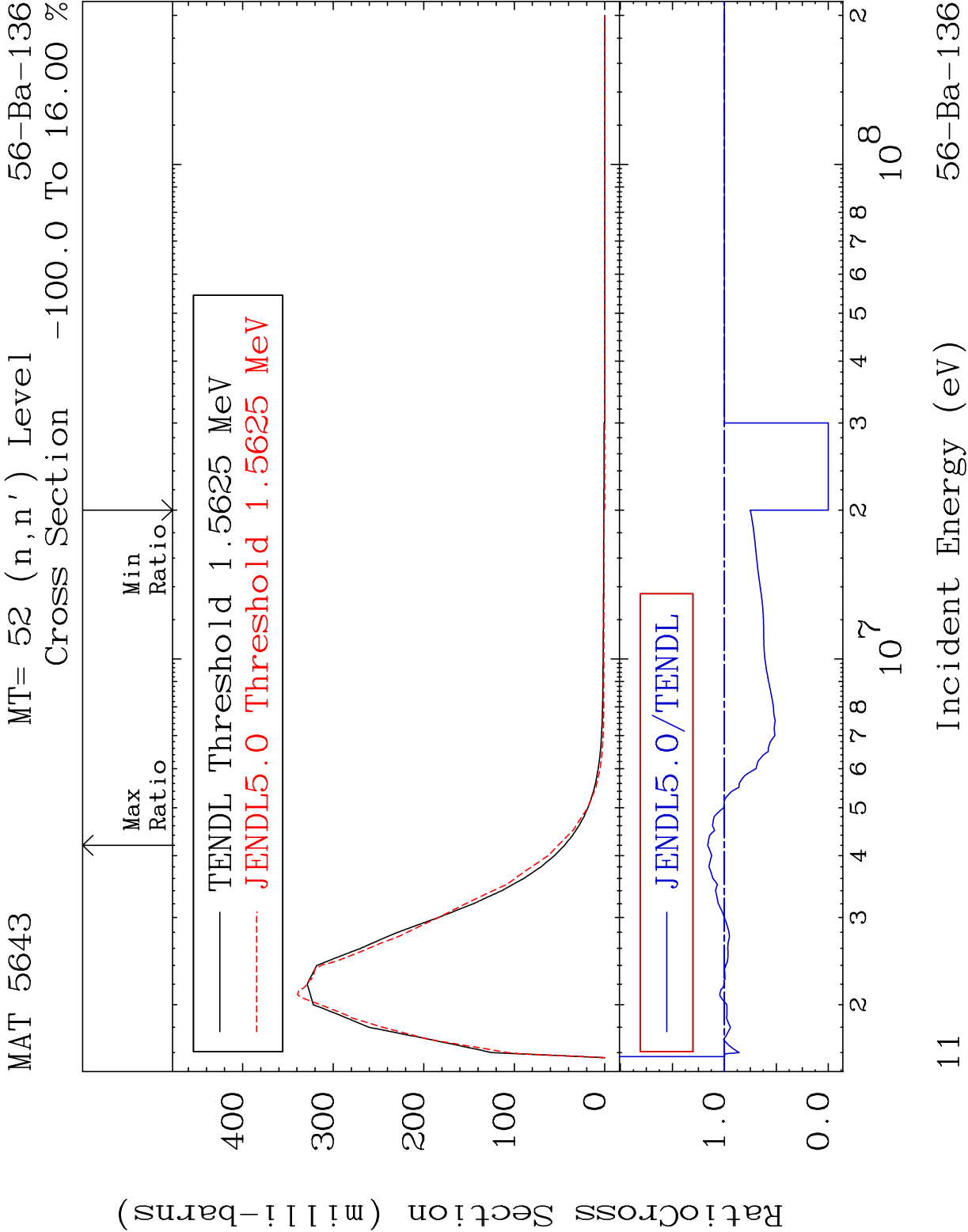


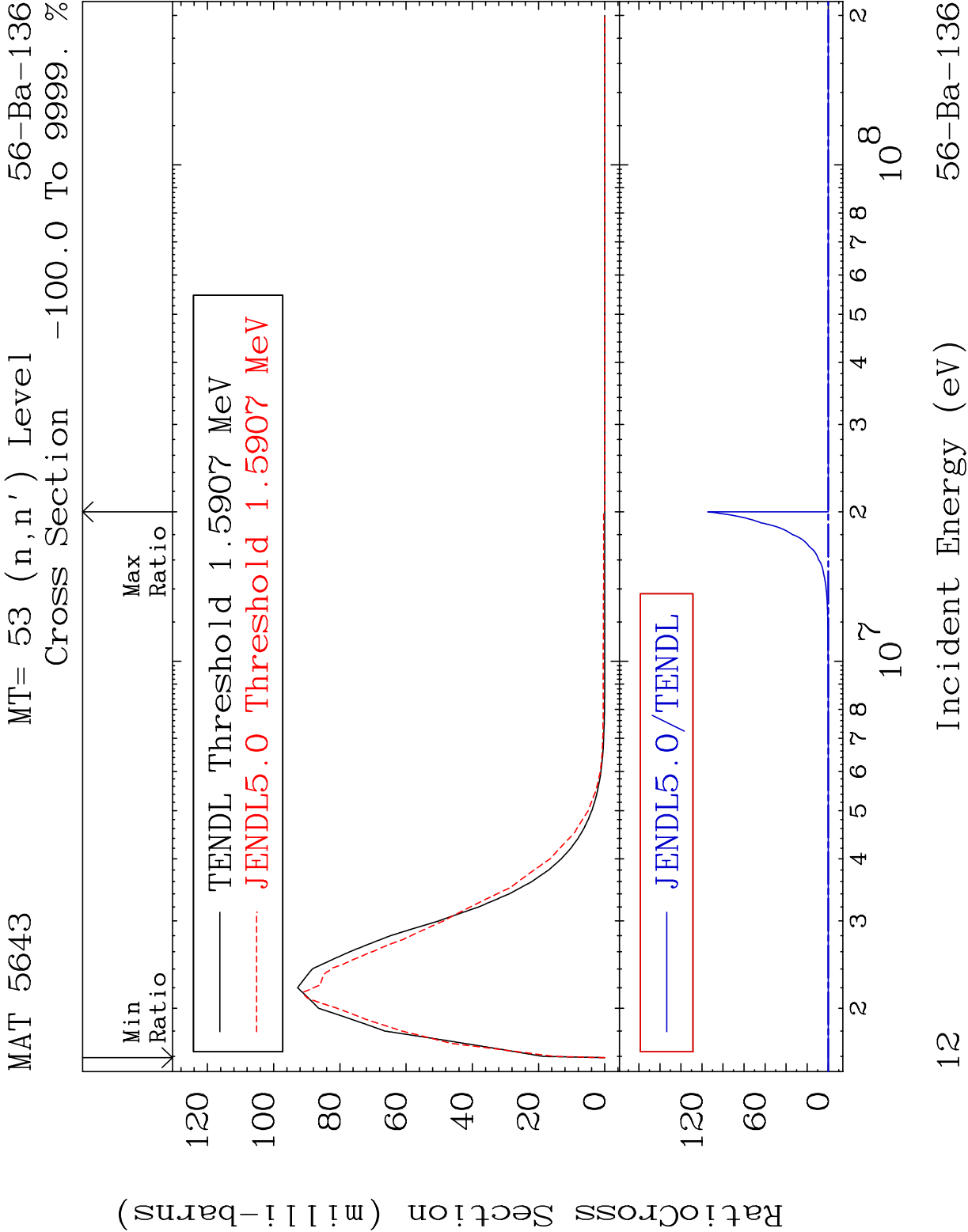




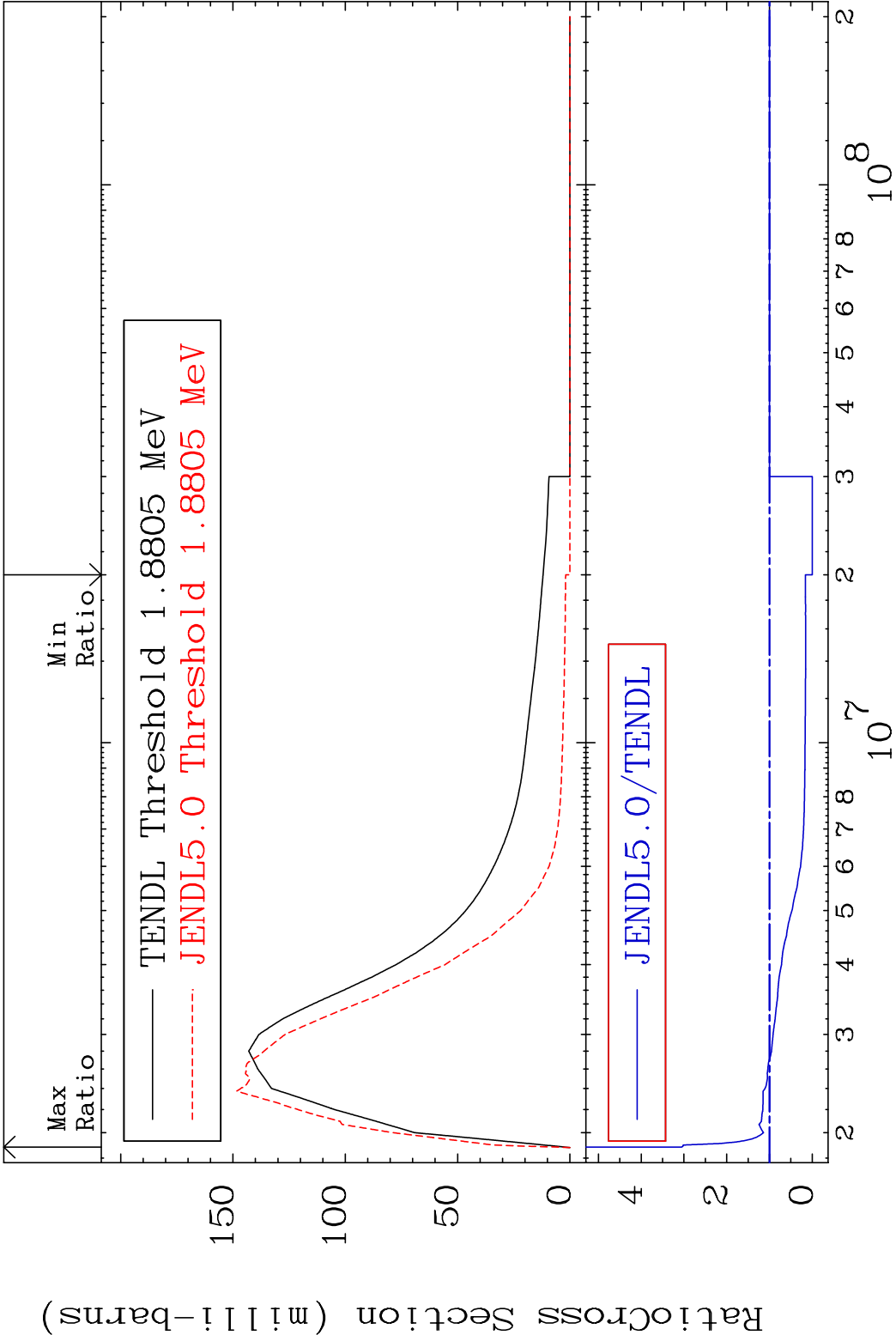




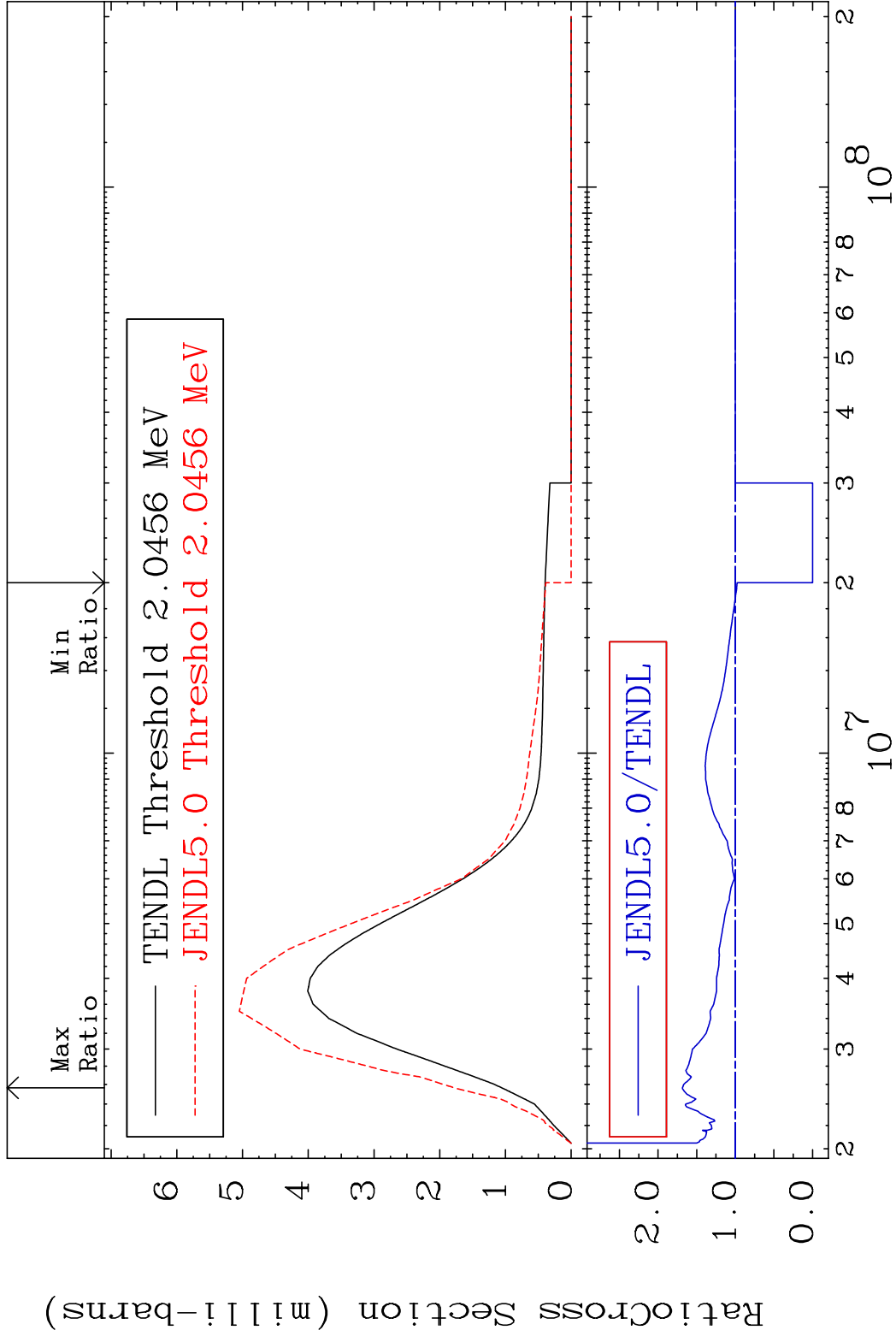




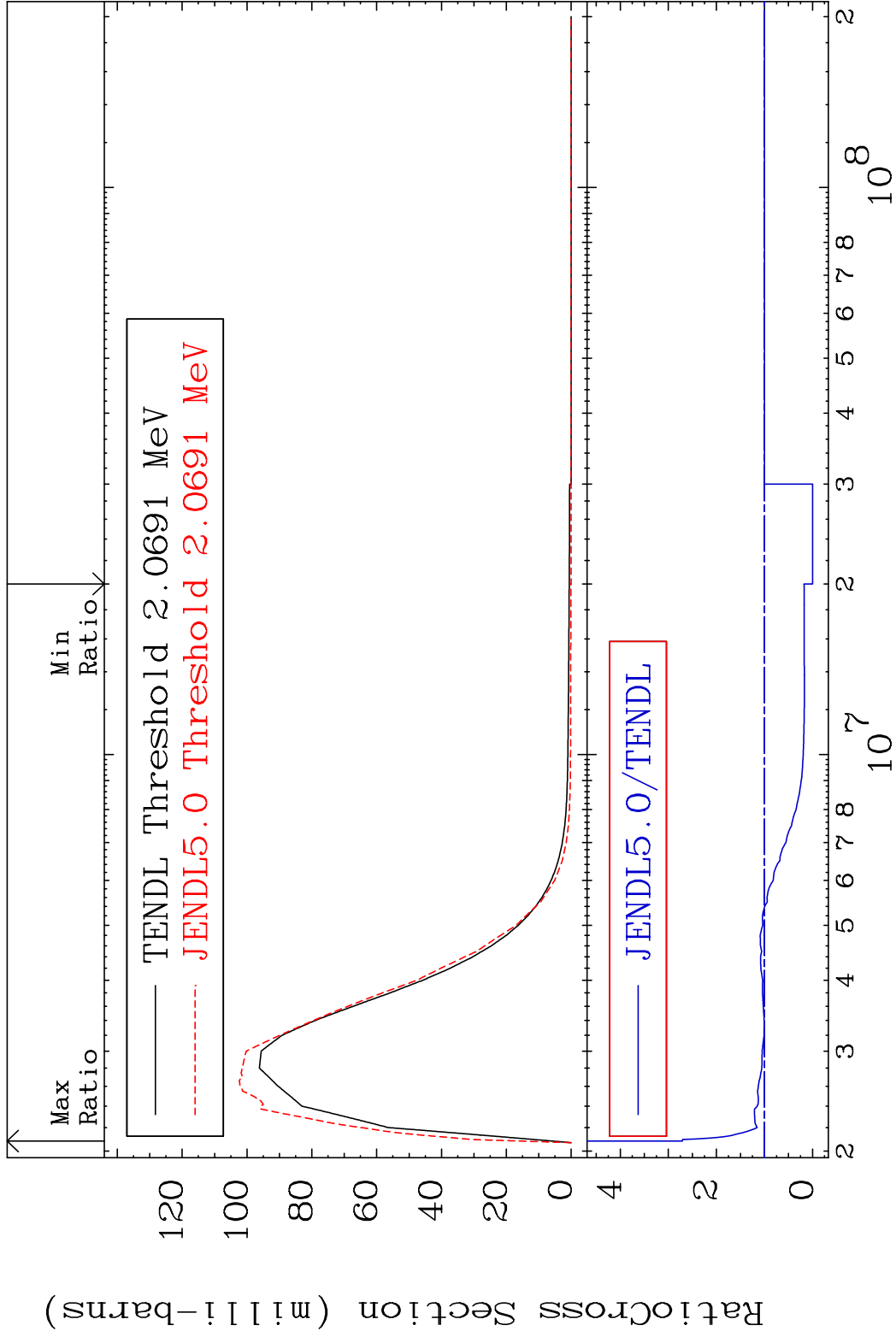
MAT 5643      MT= 54 (n,n') Level      56-Ba-136  
Cross Section    -100.0 To 205.6 %



MAT 5643      MT= 55 (n,n') Level      56-Ba-136  
Cross Section    -100.0 To 68.57 %



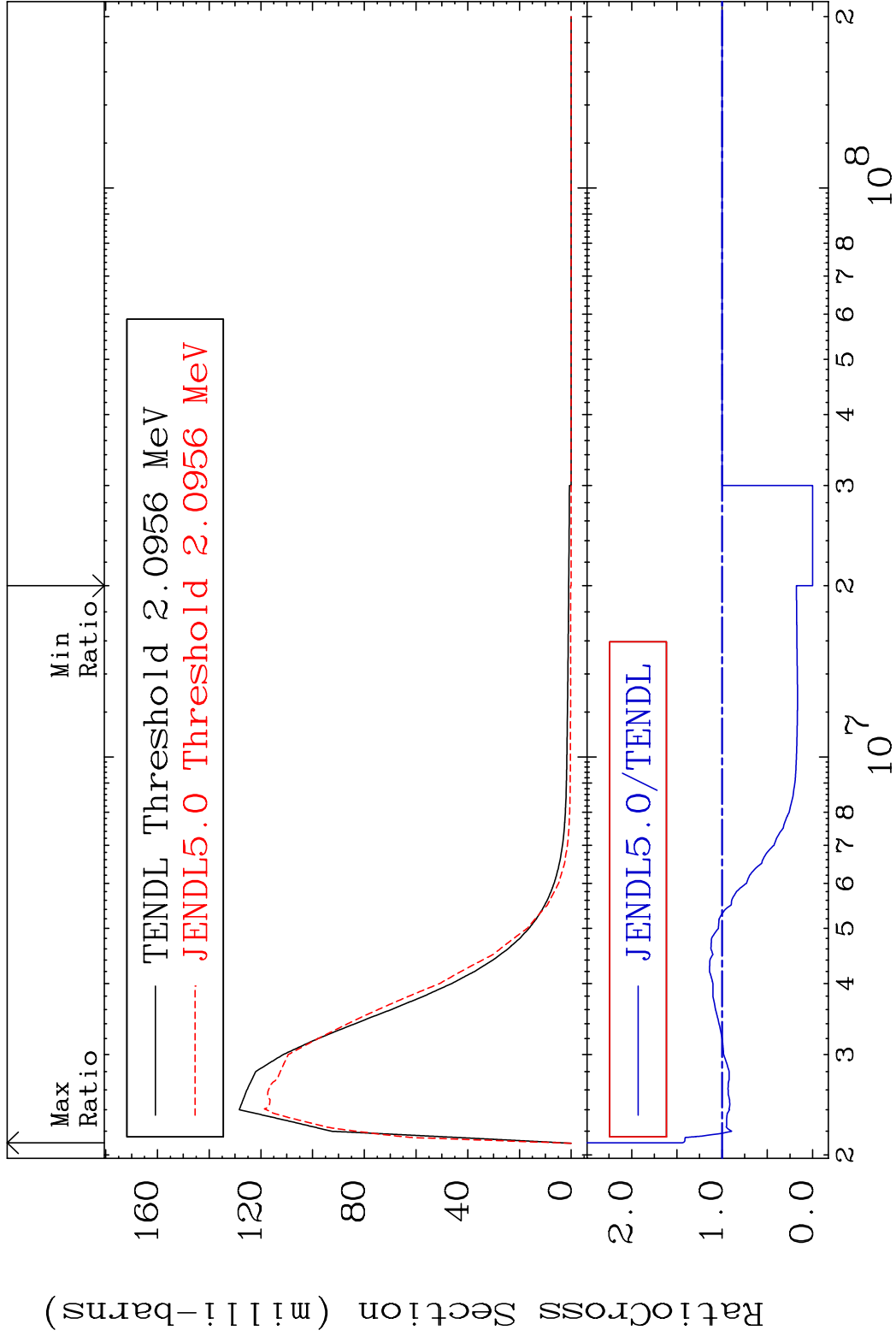
MAT 5643      MT= 56 (n,n') Level      56-Ba-136  
Cross Section    -100.0 To 170.9 %



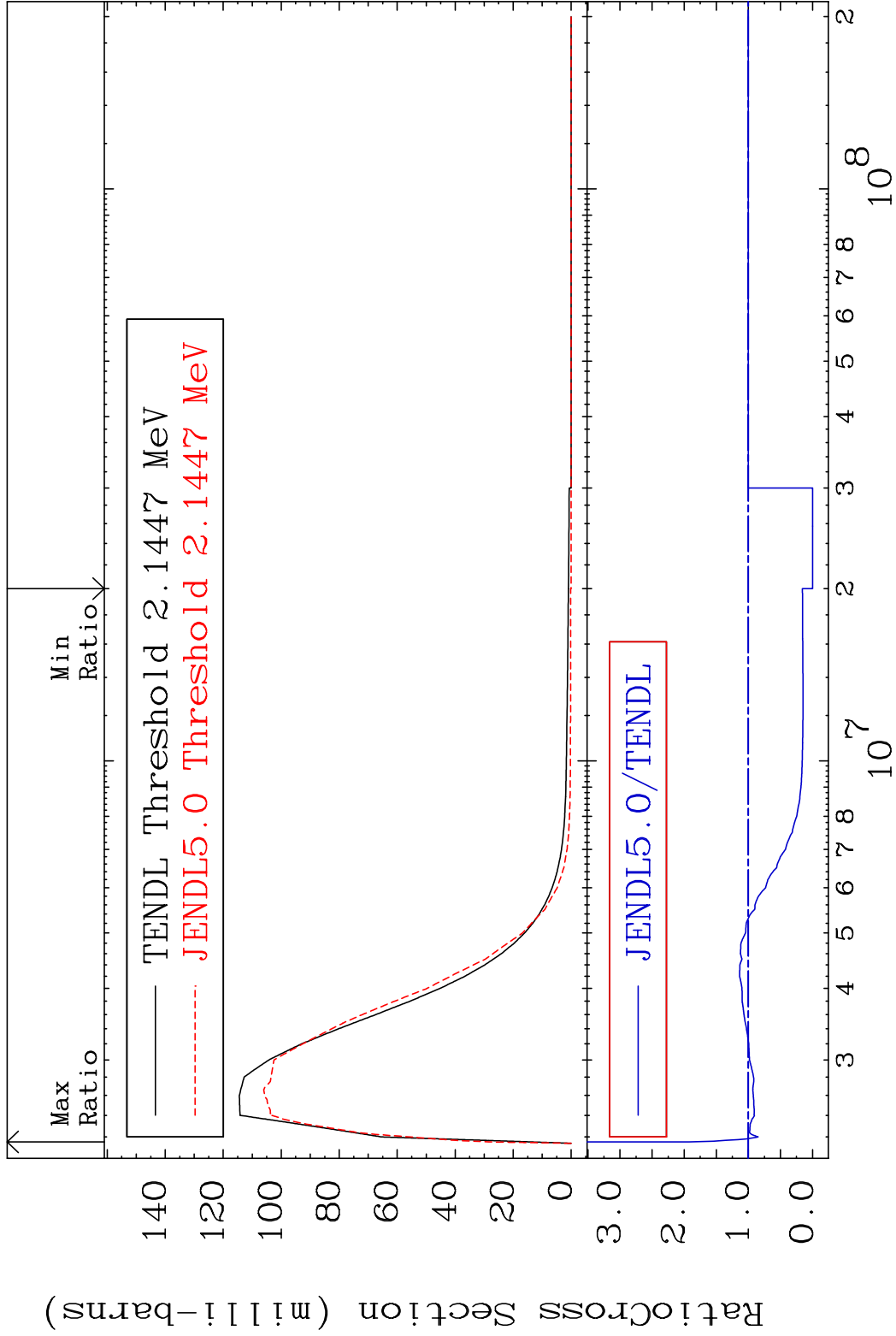
15      Incident Energy (eV)      56-Ba-136

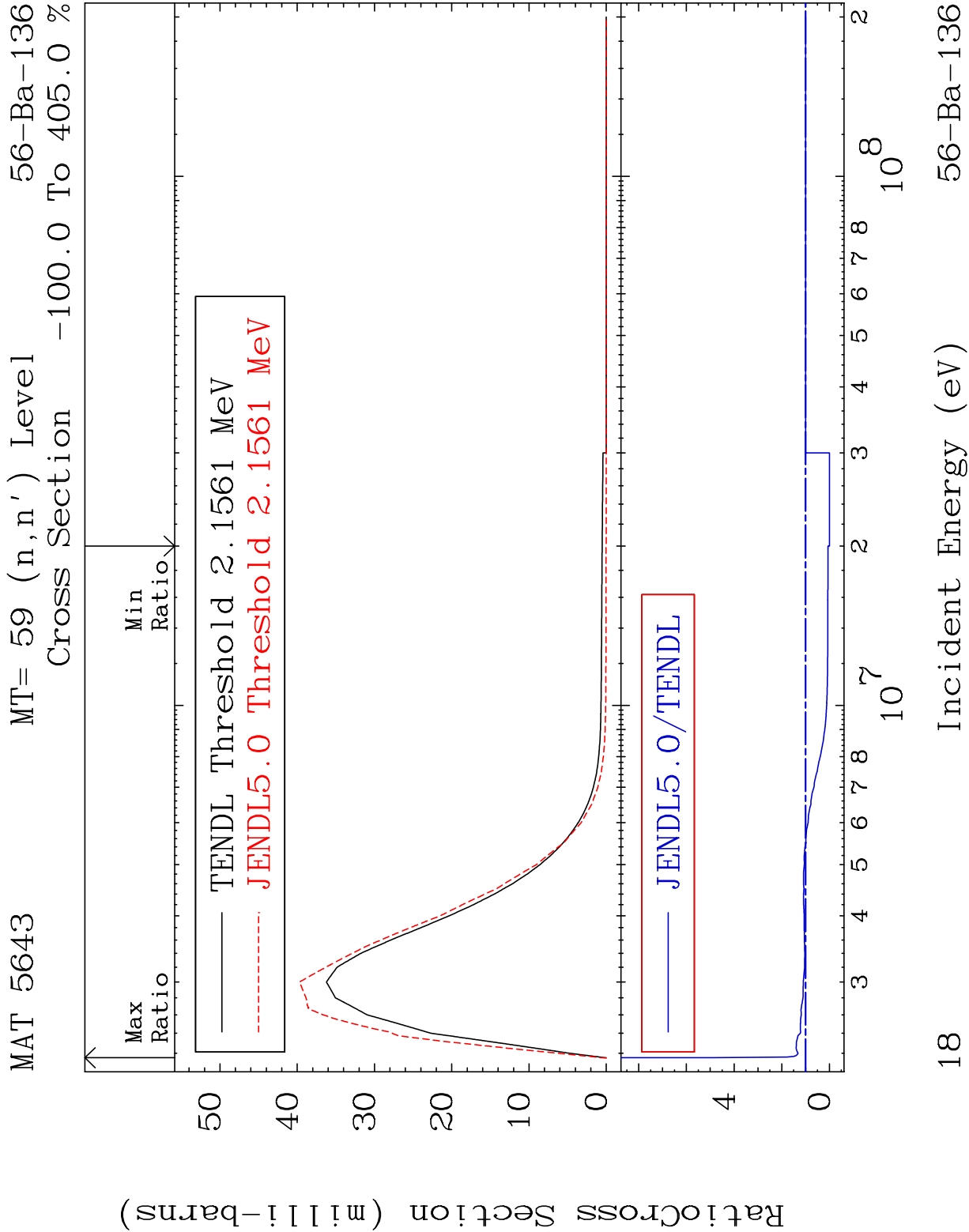


MAT 5643      MT= 57 (n,n') Level      56-Ba-136  
Cross Section    -100.0 To 43.95 %

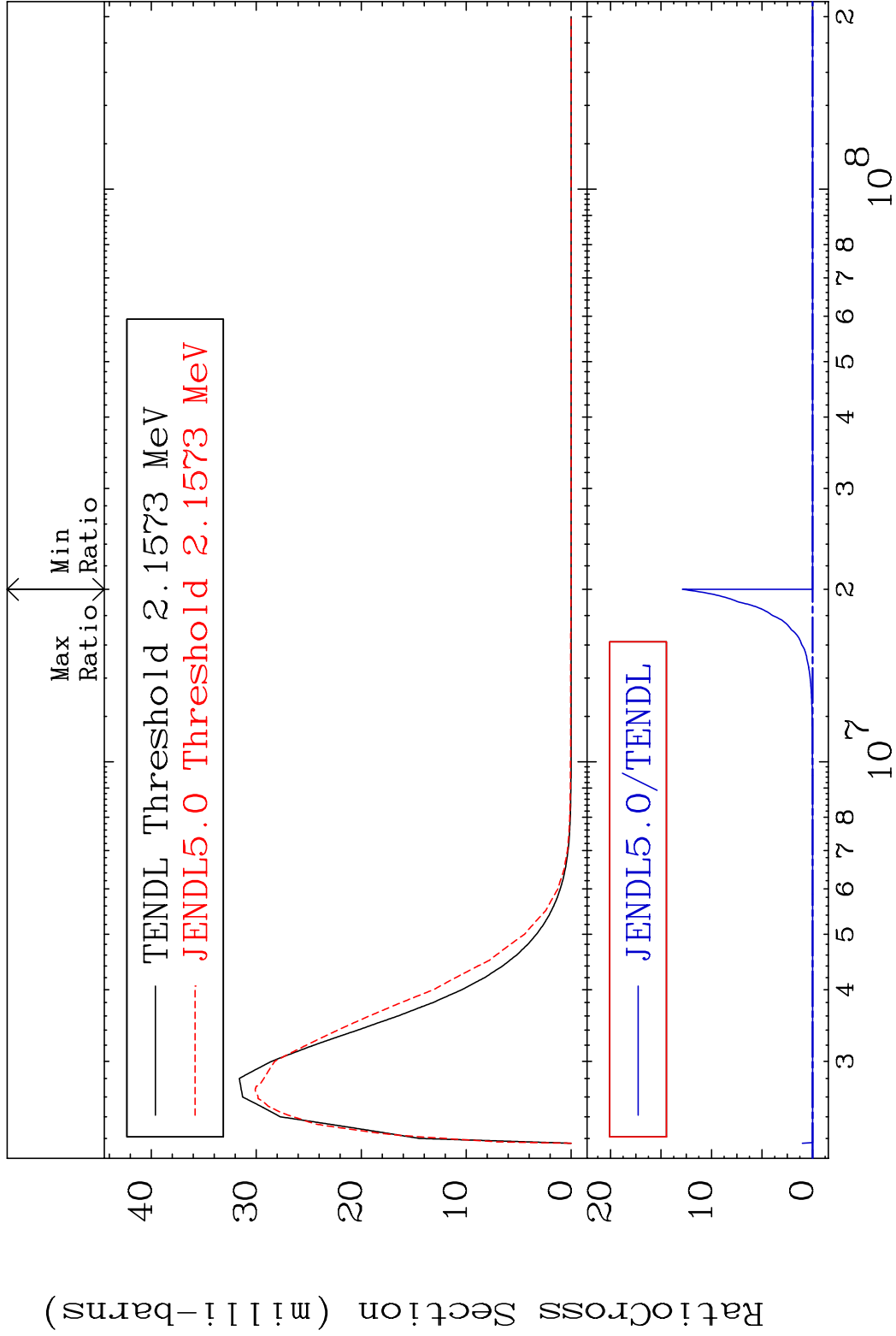


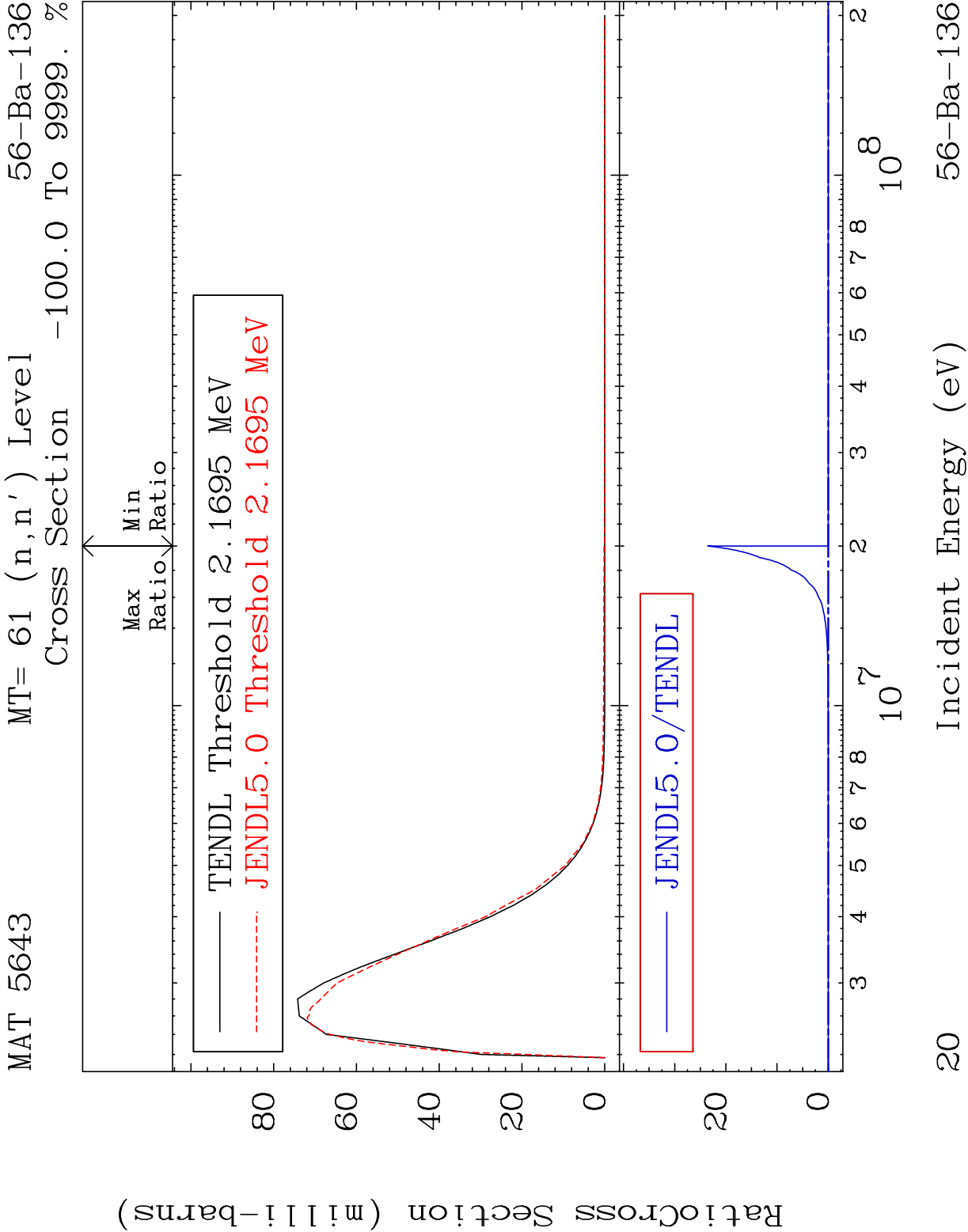
MAT 5643      MT= 58 (n,n') Level      56-Ba-136  
Cross Section    -100.0 To 102.9 %

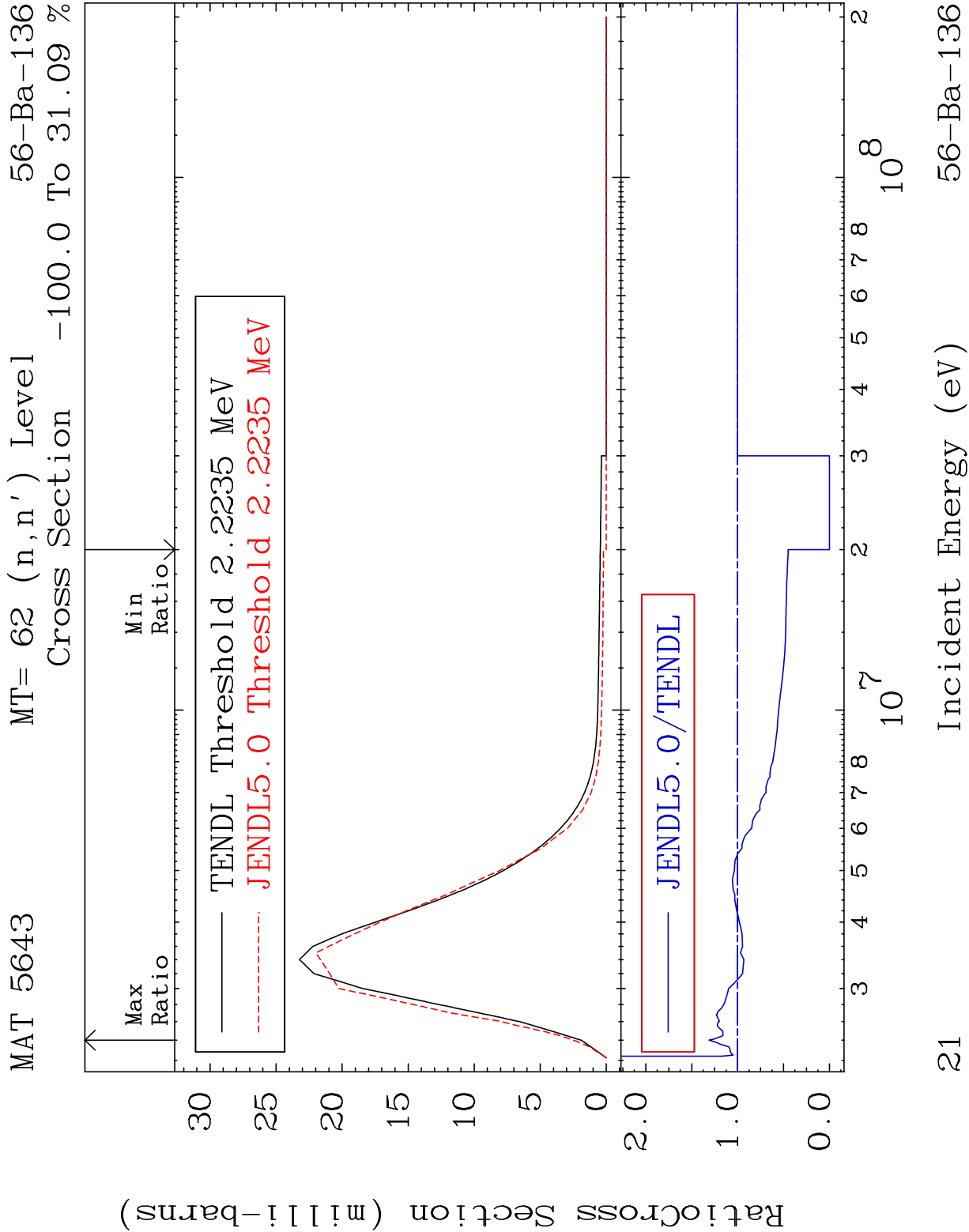


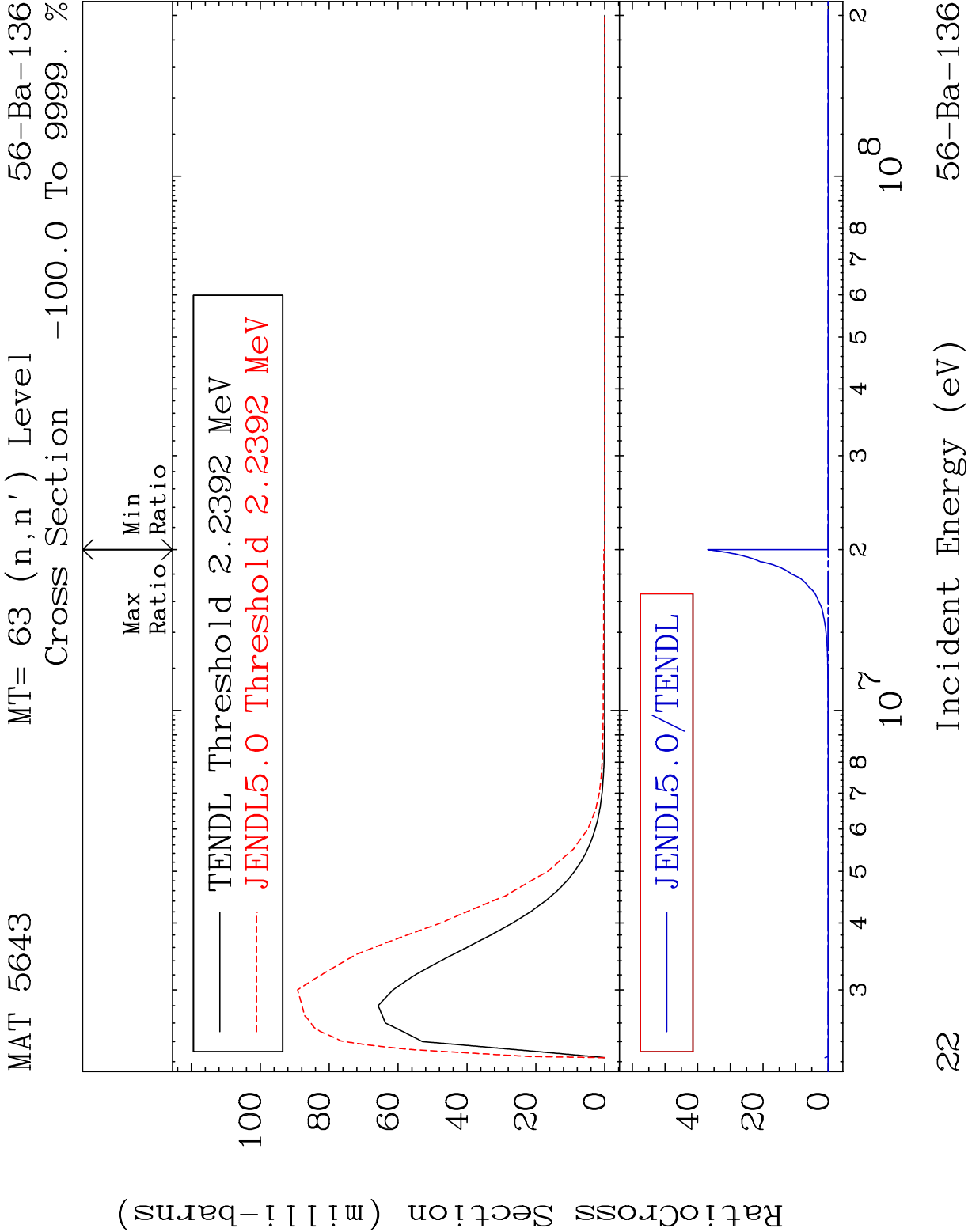


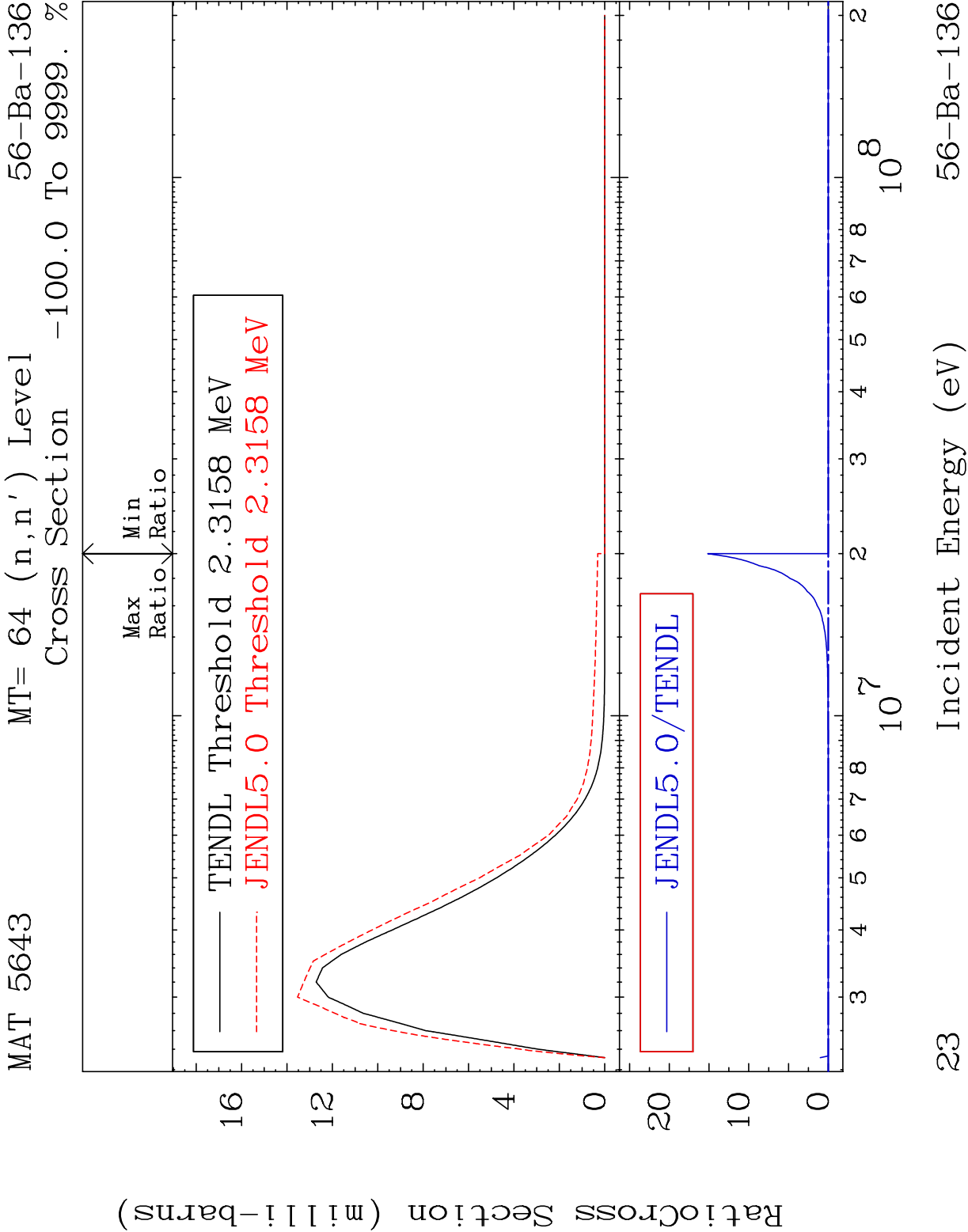
MAT 5643      MT= 60 (n,n') Level      56-Ba-136  
Cross Section    -100.0 To 9999. %



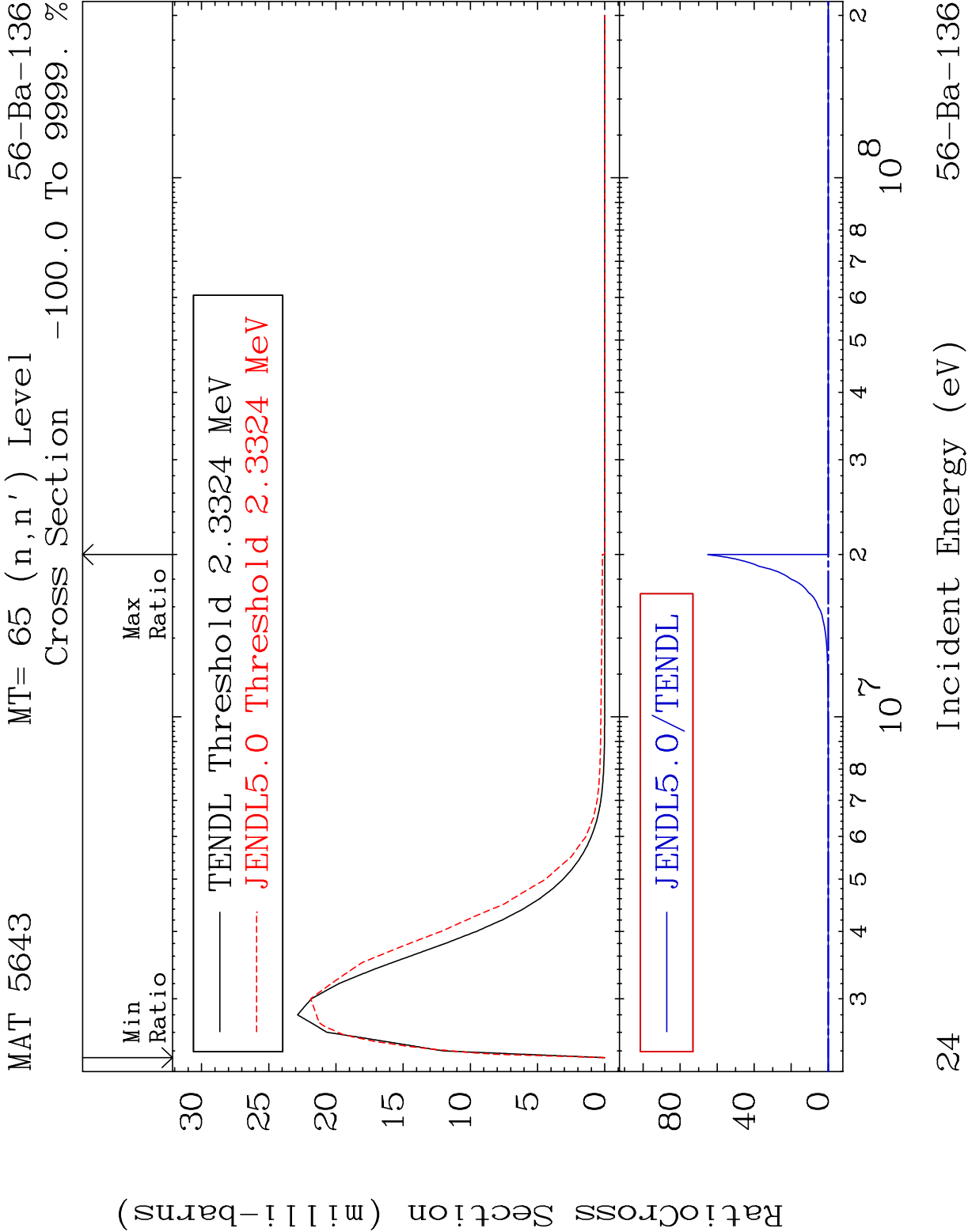


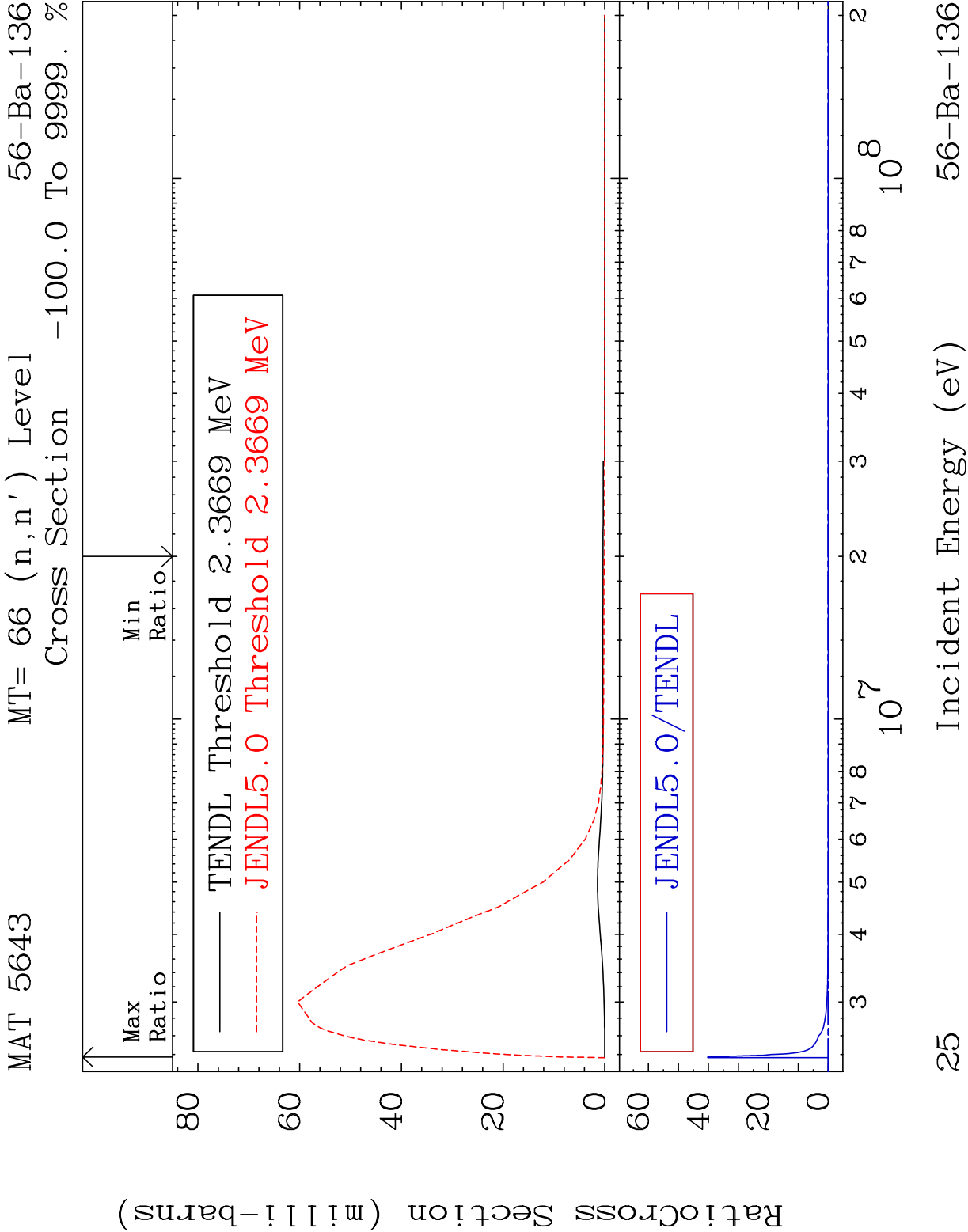




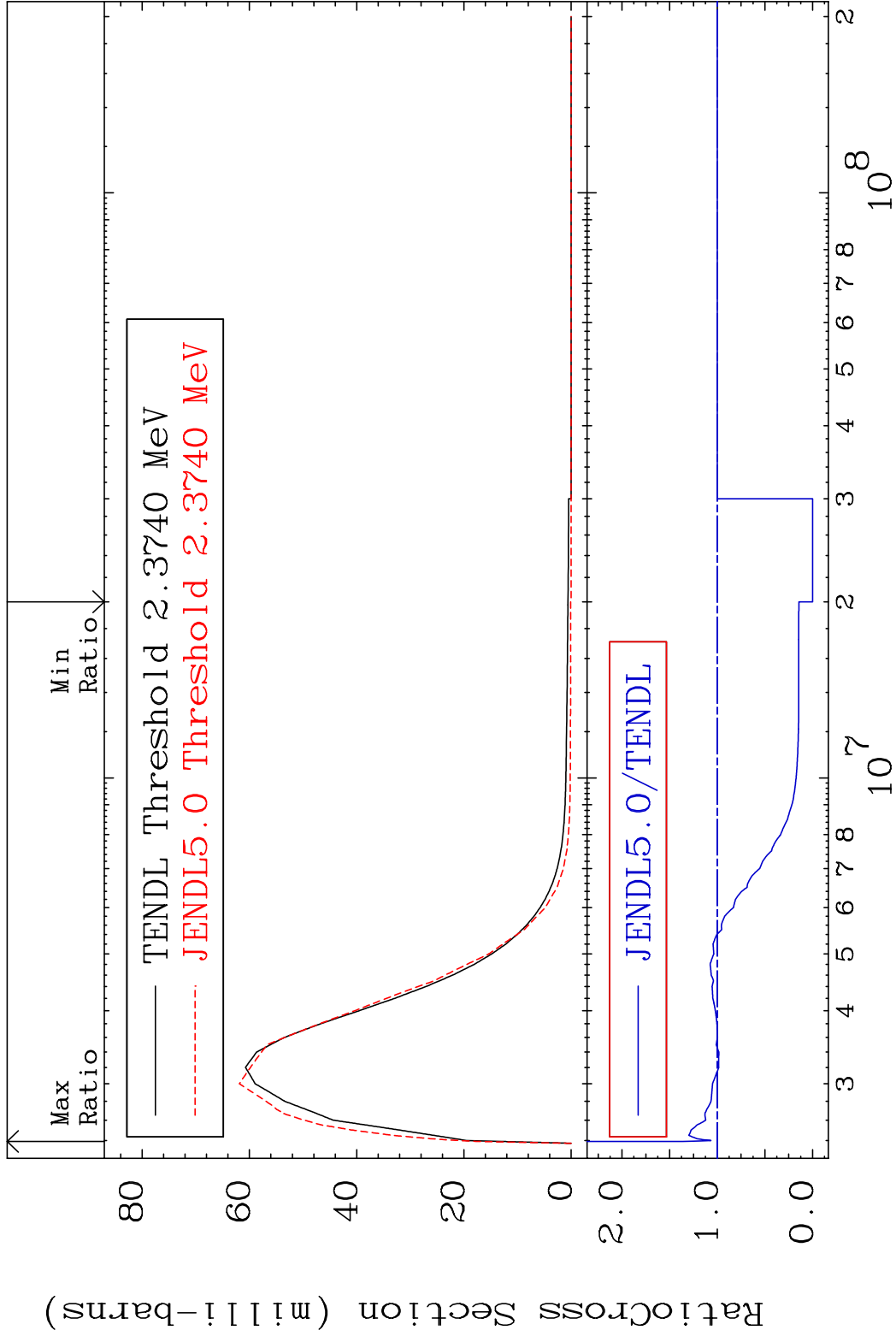


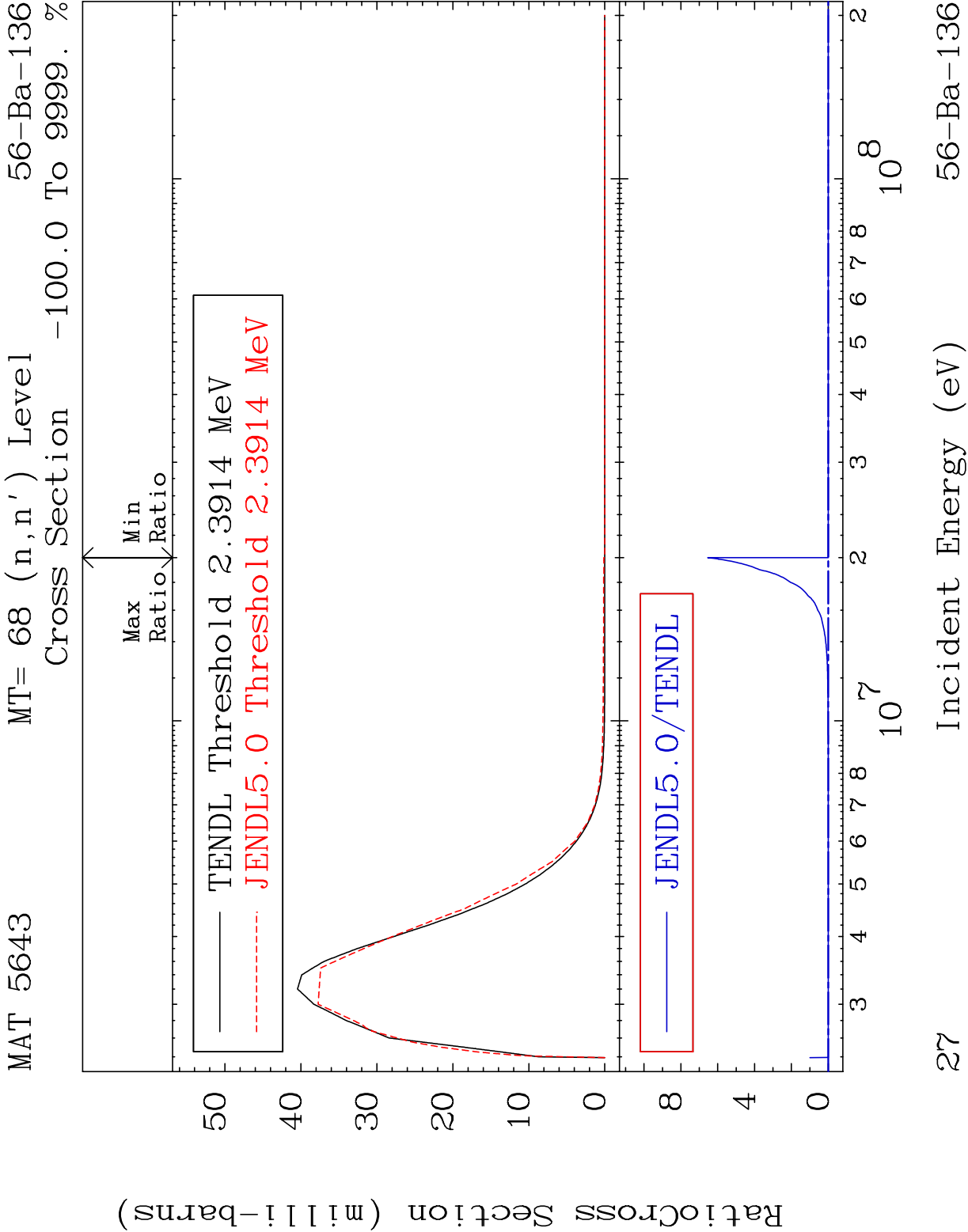




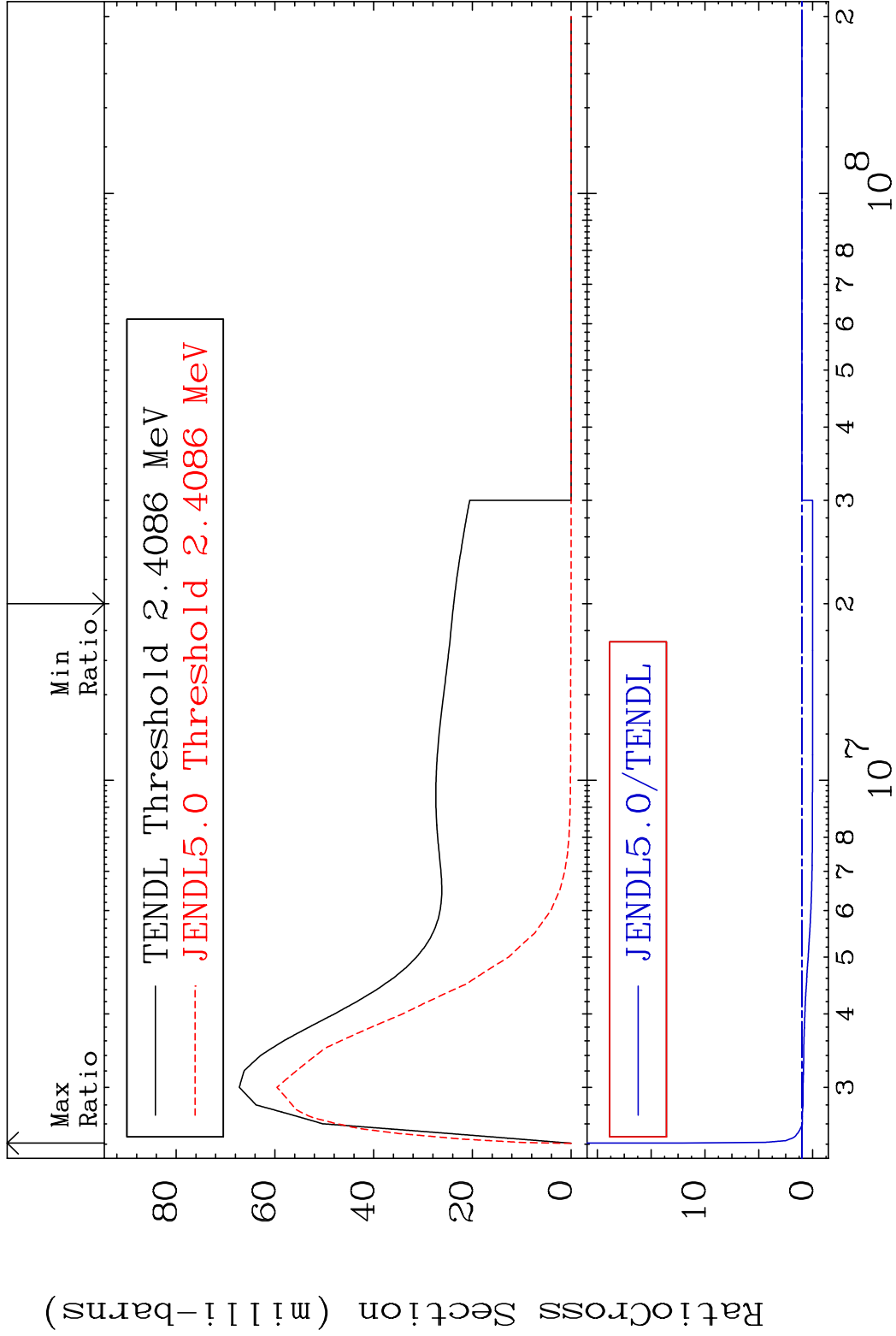


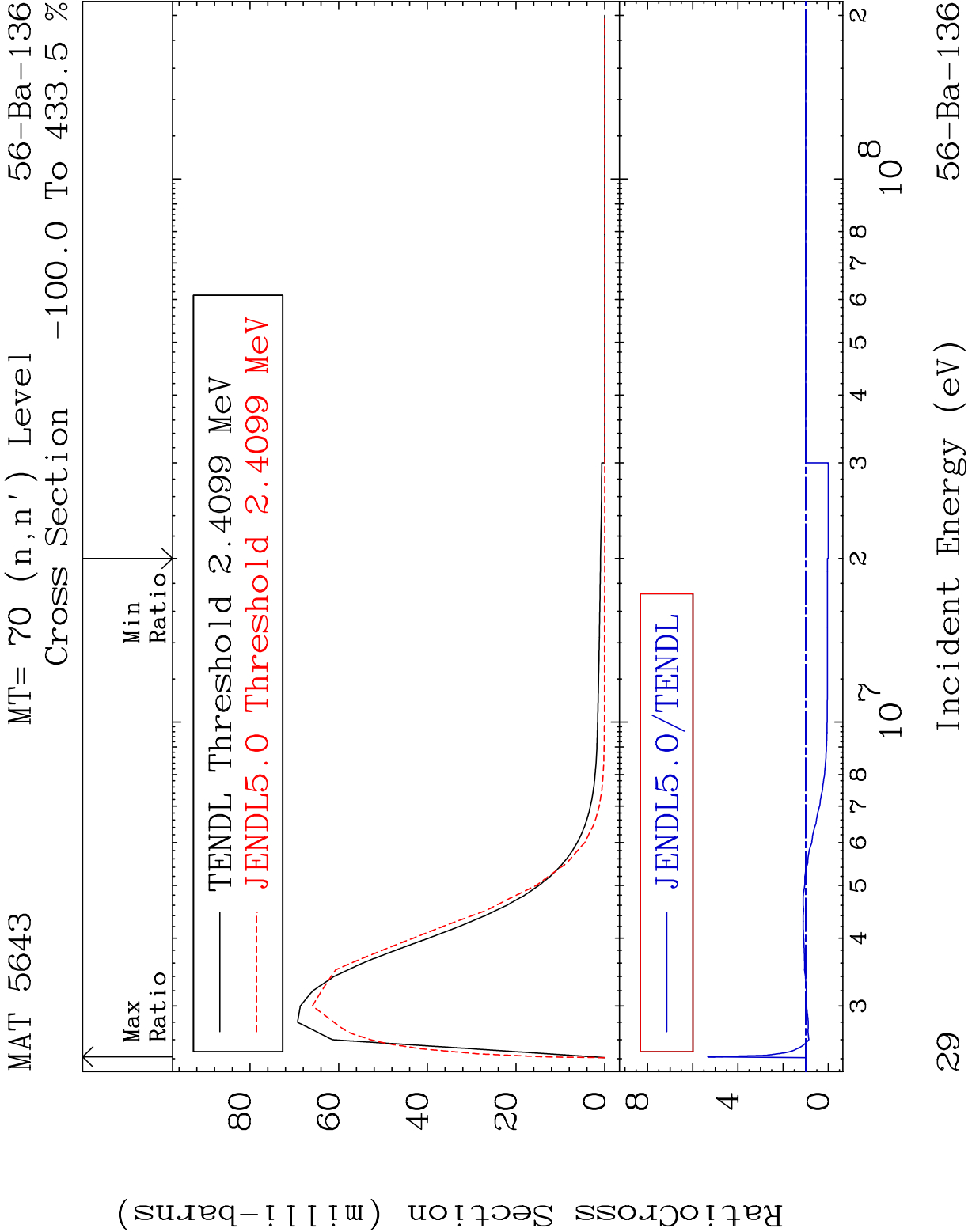
MAT 5643      MT= 67 (n,n') Level      56-Ba-136  
Cross Section    -100.0 To 36.67 %





MAT 5643      MT= 69 (n,n') Level      56-Ba-136  
Cross Section    -100.0 To 1110. %





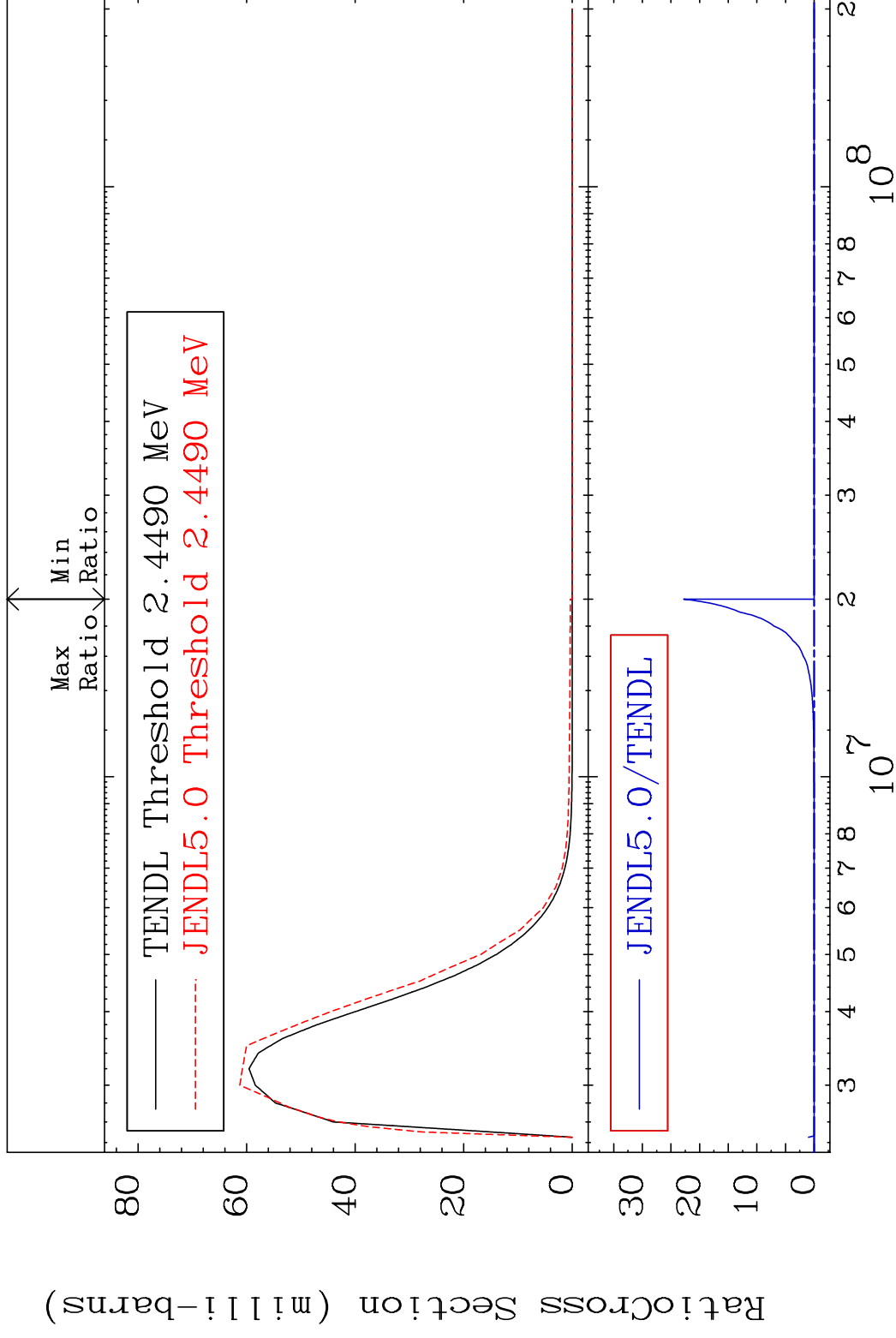


MAT 5643

MT= 72 (n, n') Level

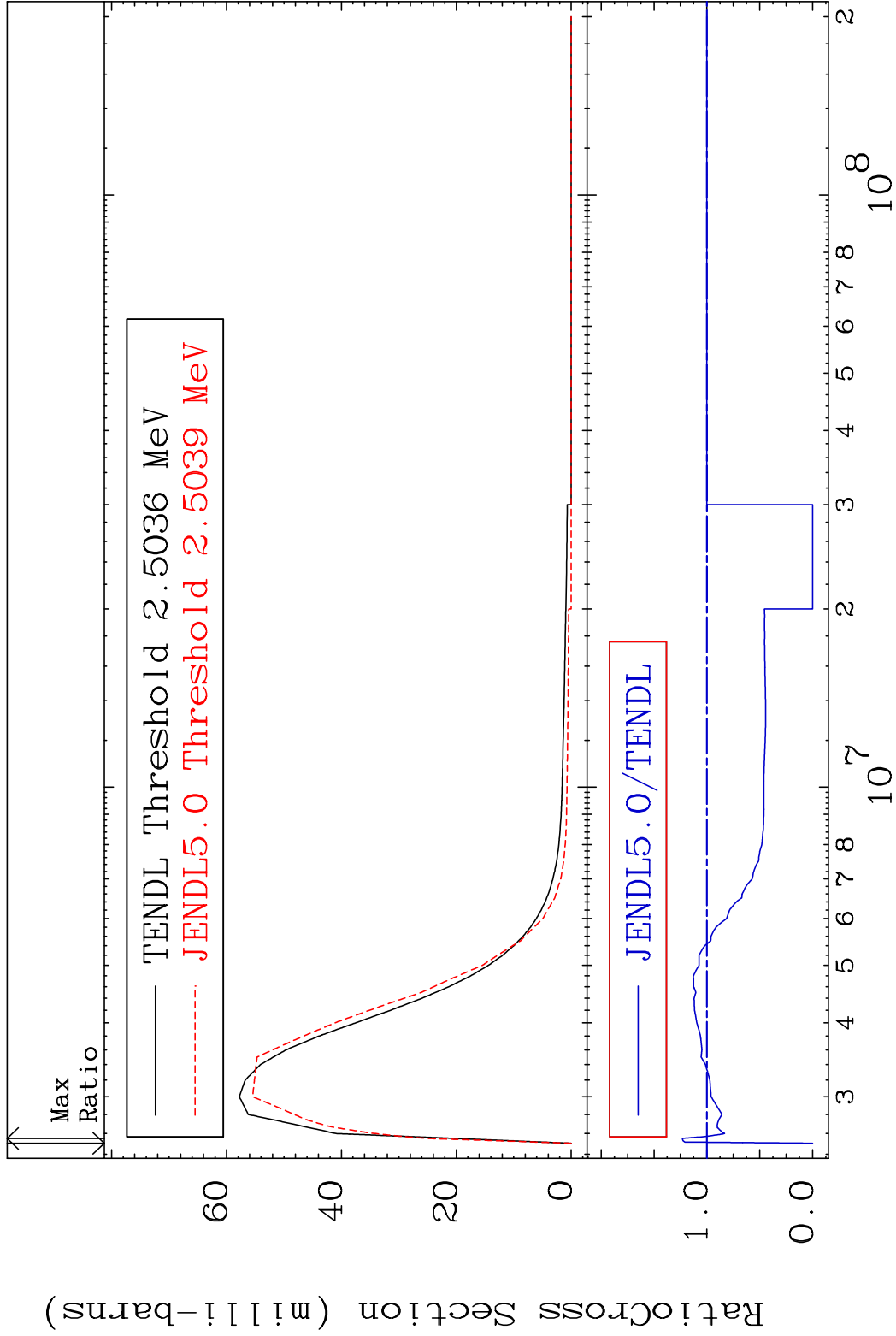
56-Ba-136

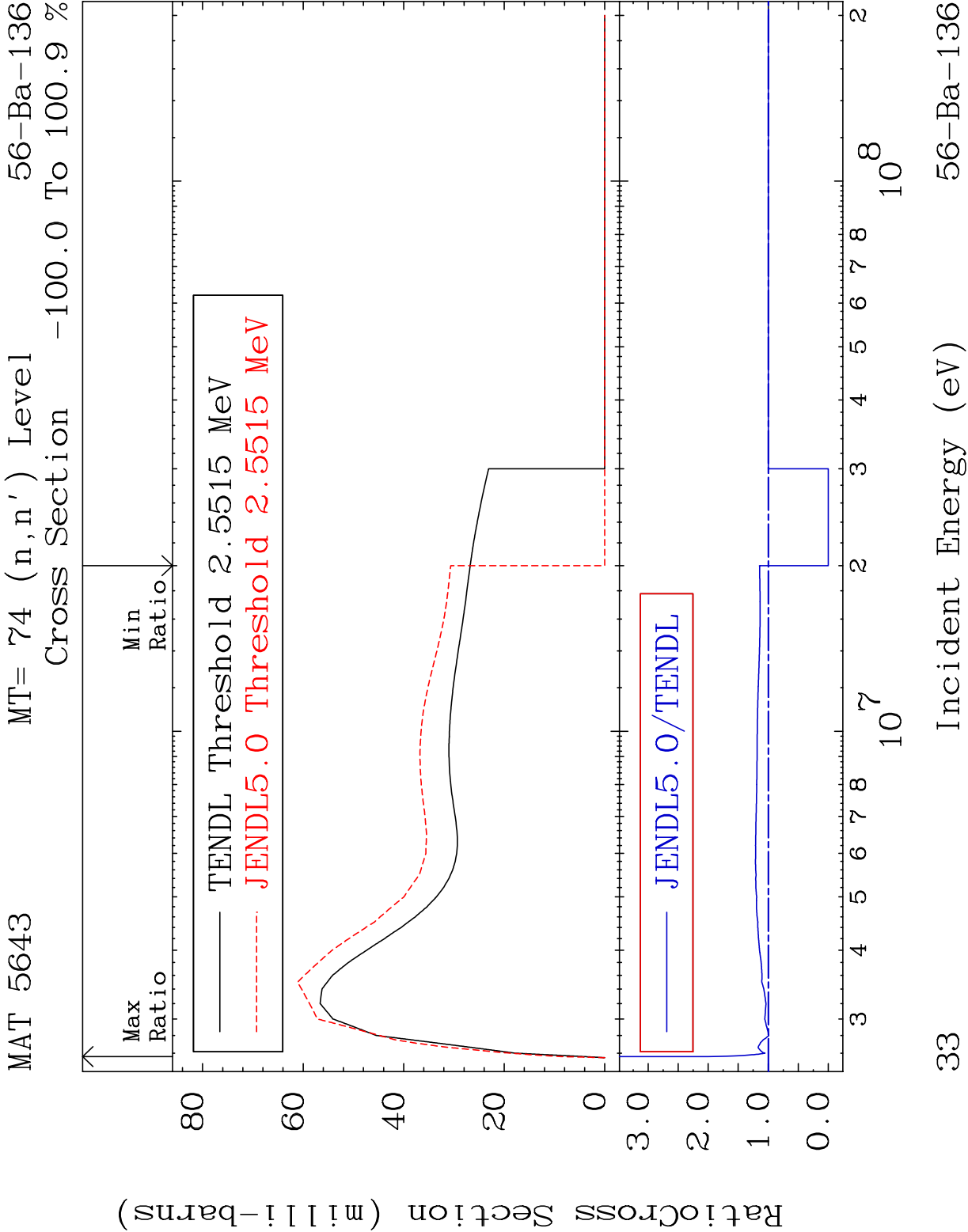
Cross Section -100.0 To 9999. %

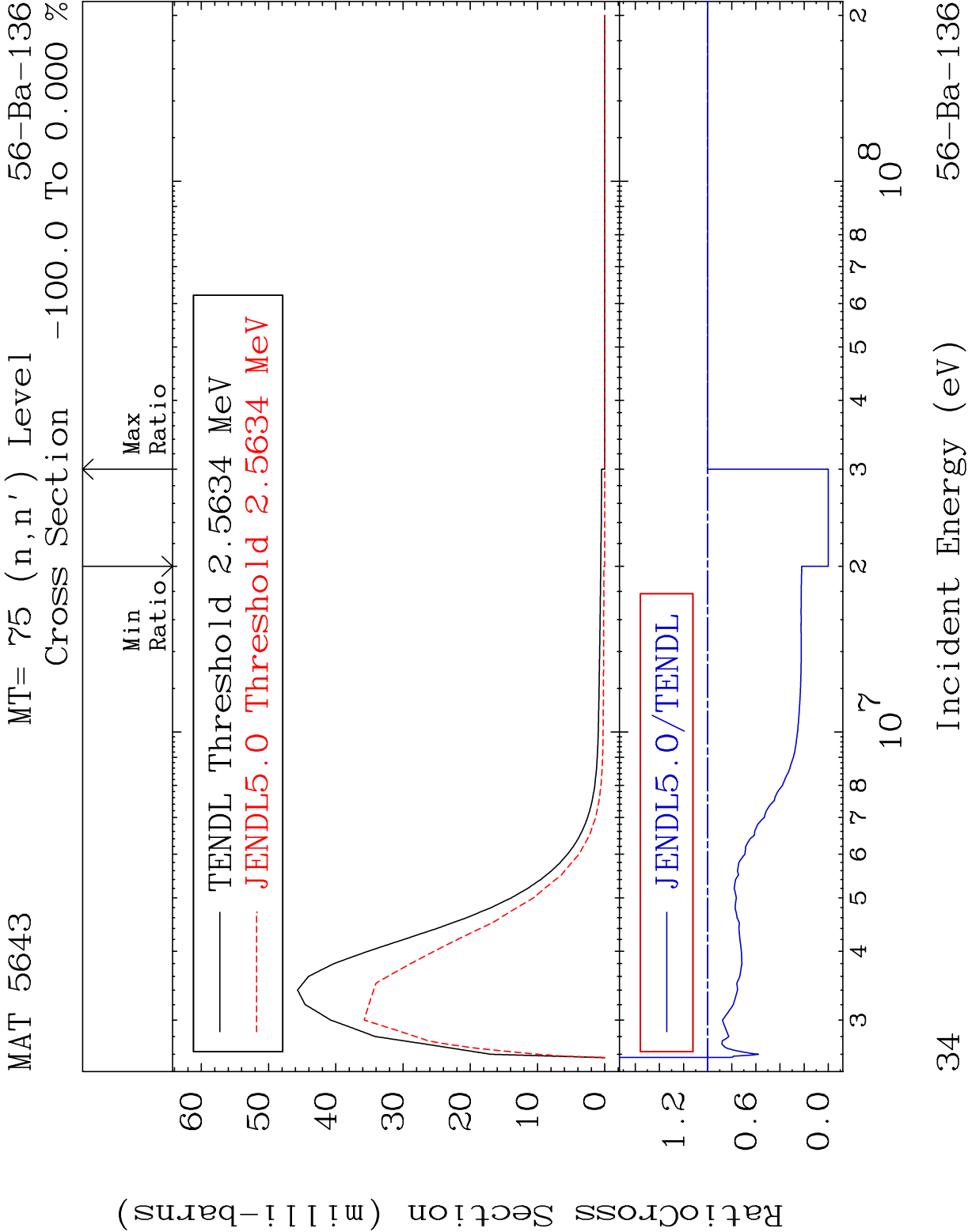




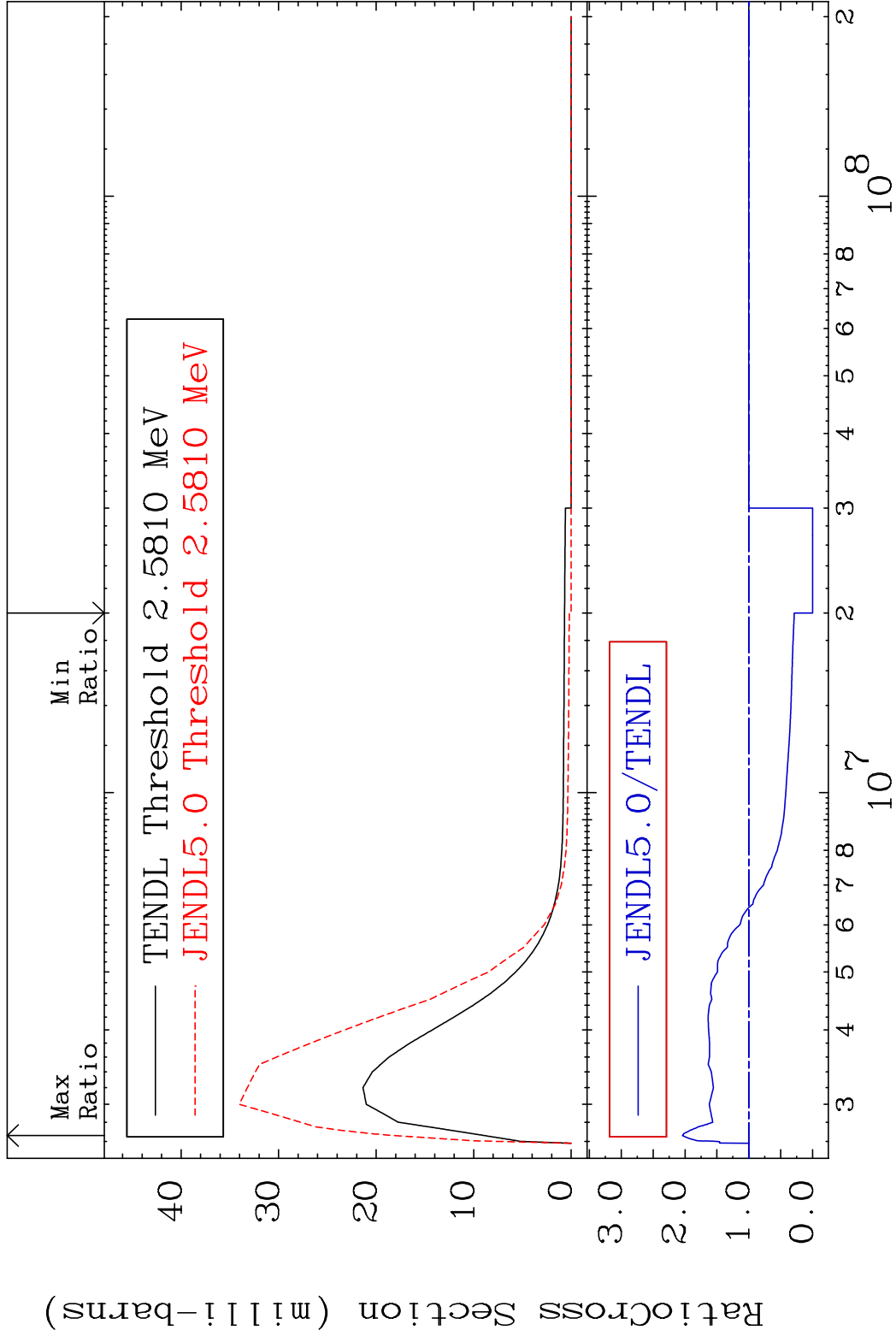
MAT 5643      MT= 73 (n,n') Level      56-Ba-136  
Cross Section    -100.0 To 23.18 %

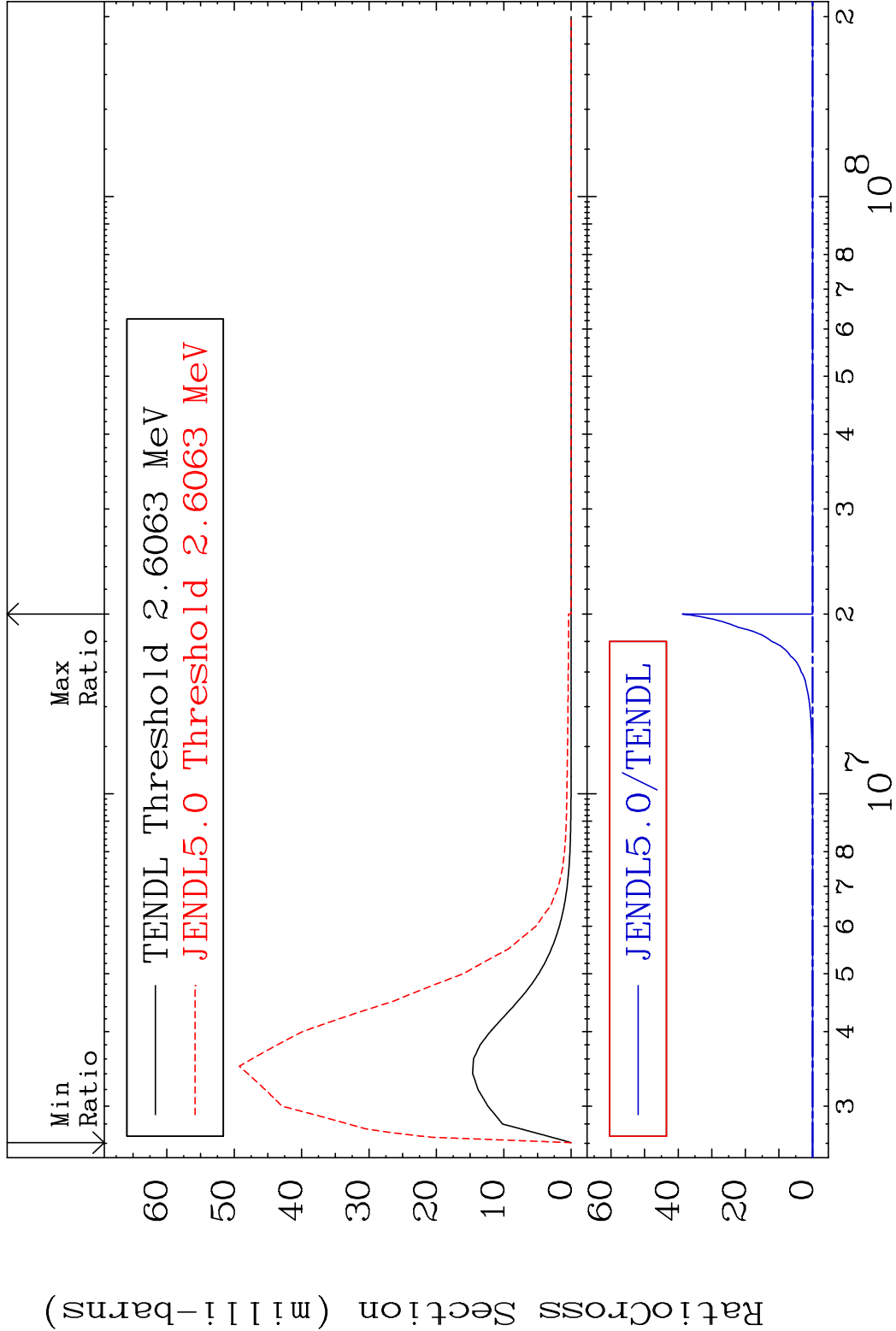


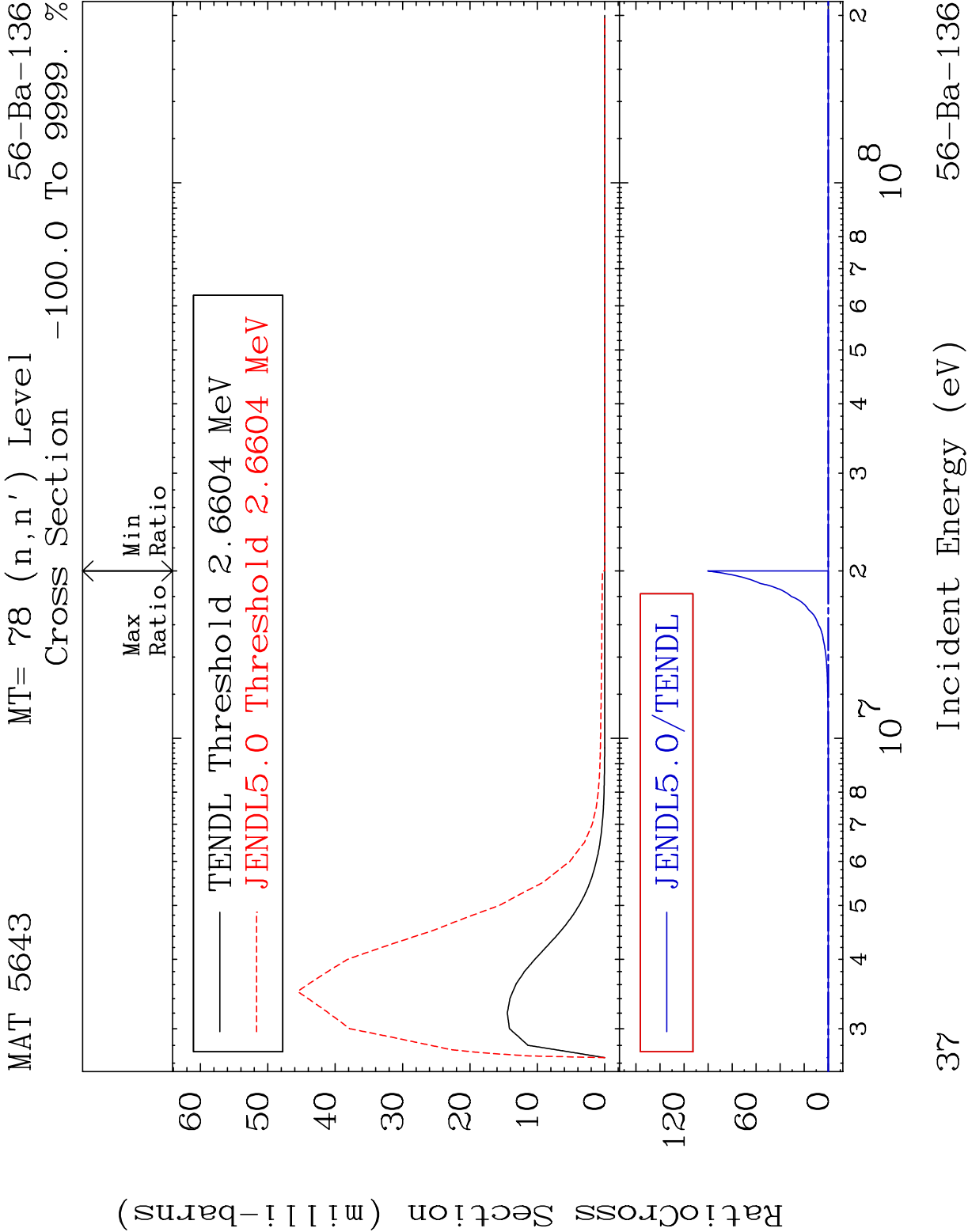




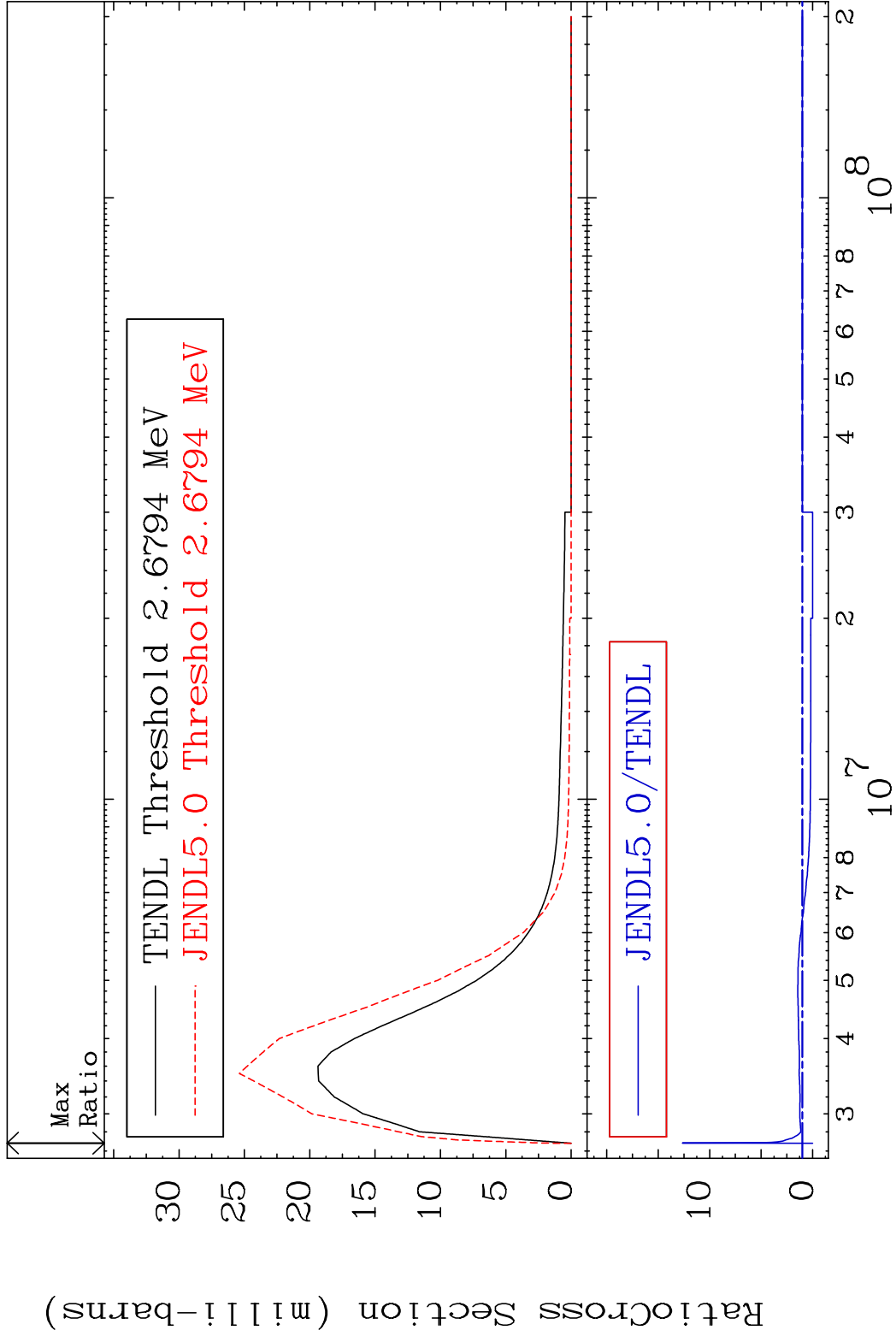
MAT 5643      MT= 76 (n,n') Level      56-Ba-136  
Cross Section    -100.0 To 104.2 %





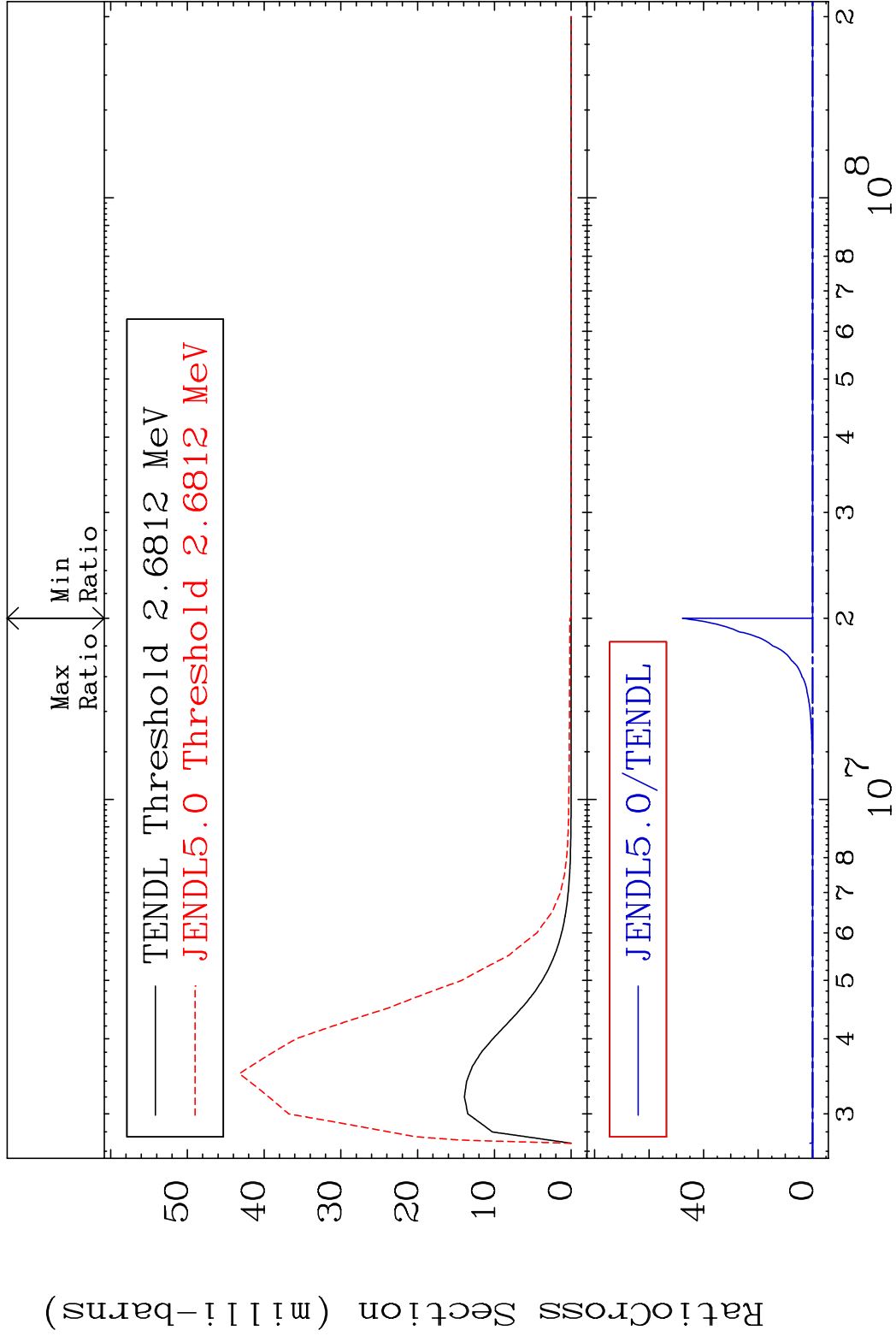


MAT 5643      MT= 79 (n,n') Level      56-Ba-136  
Cross Section    -100.0 To 1165. %

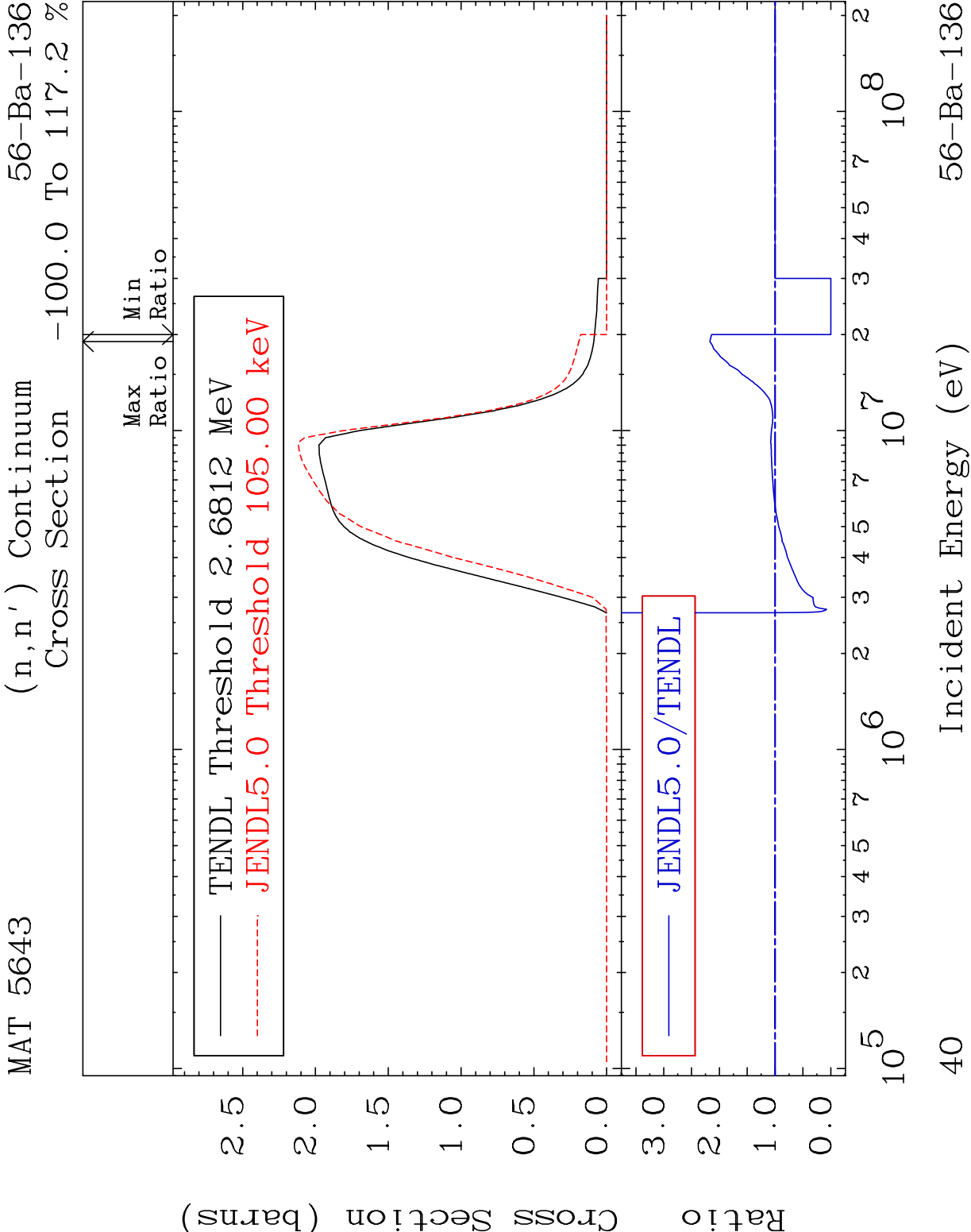


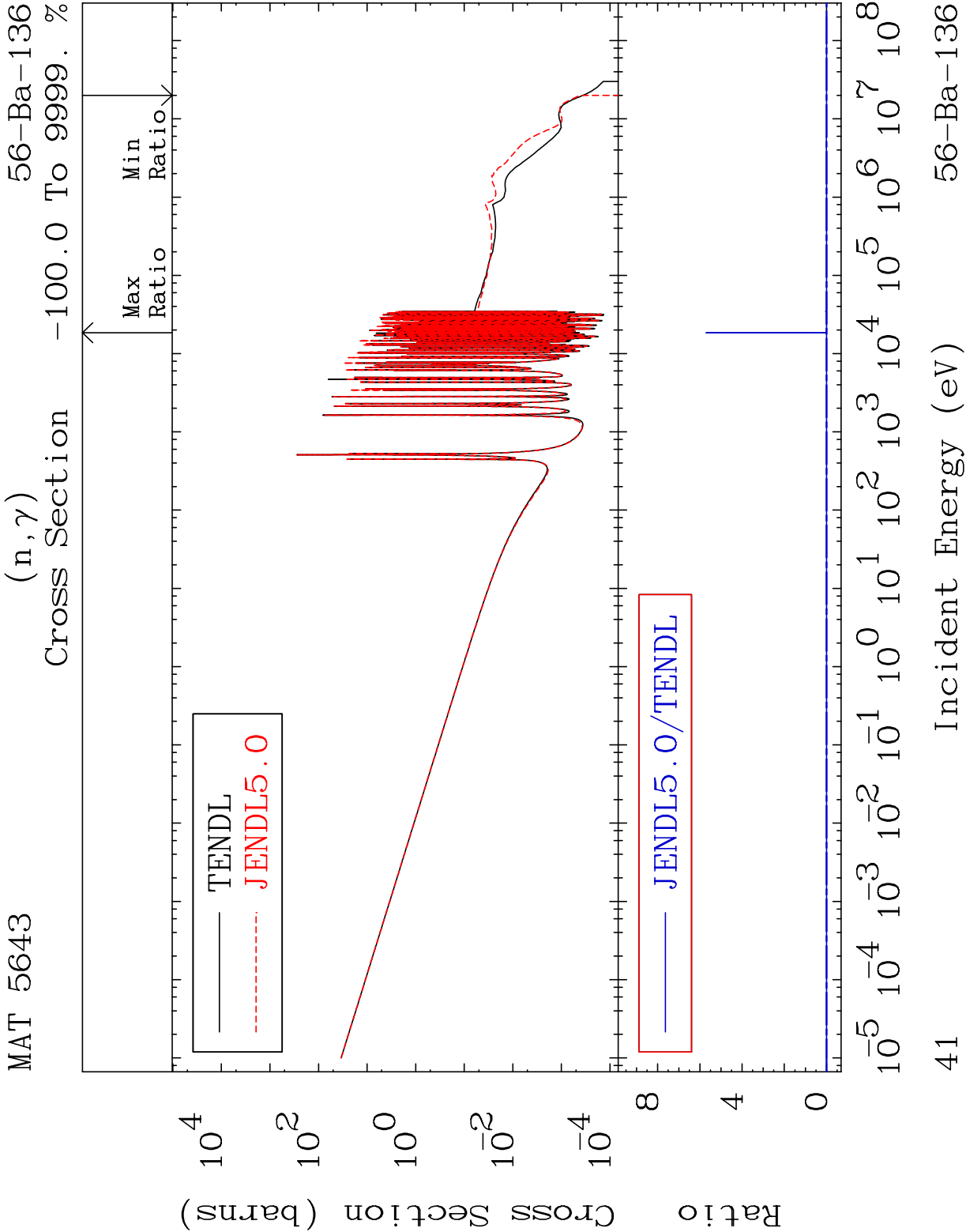
MAT 5643      MT= 80 (n,n') Level      56-Ba-136

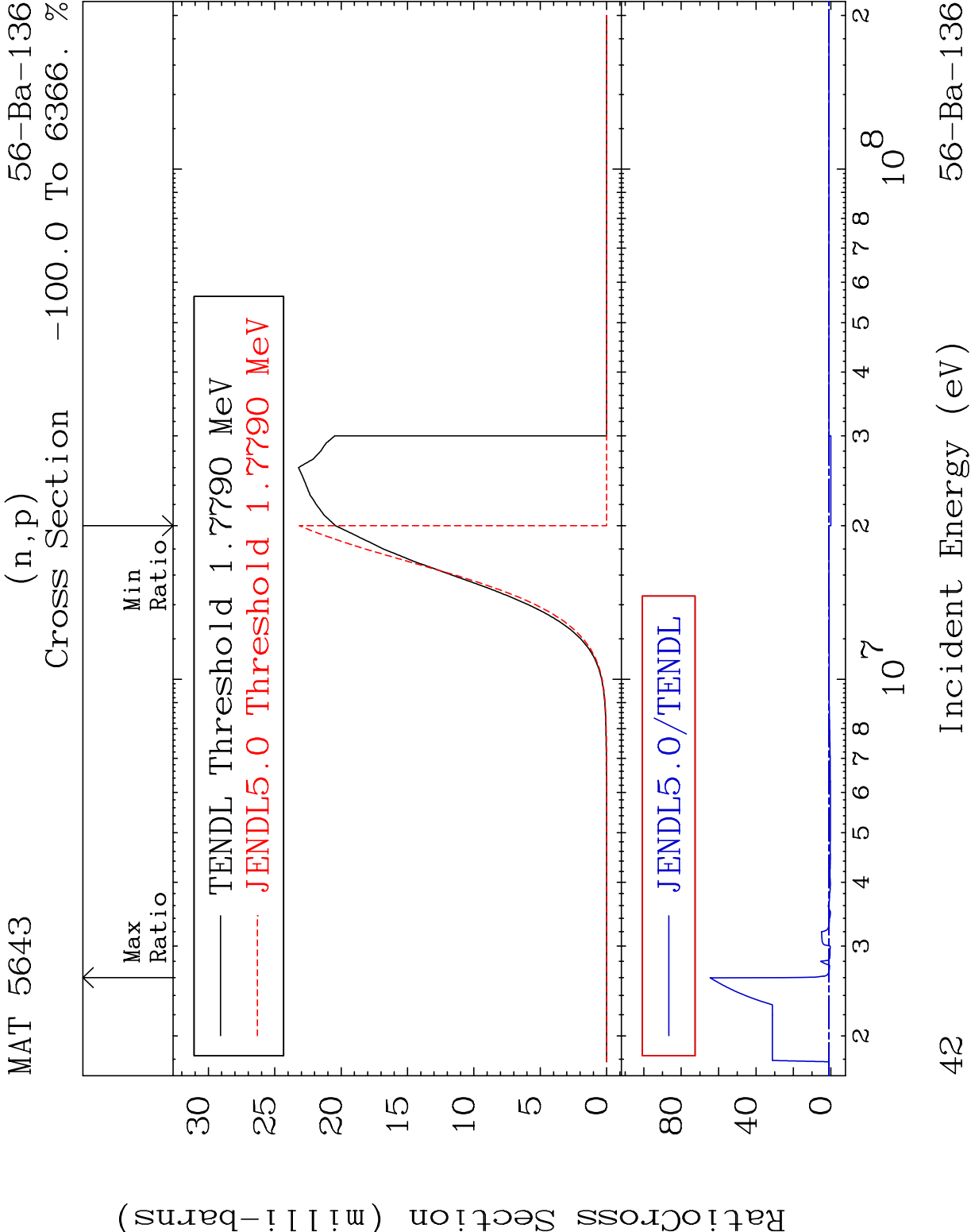
Cross Section      -100.0 To 9999. %

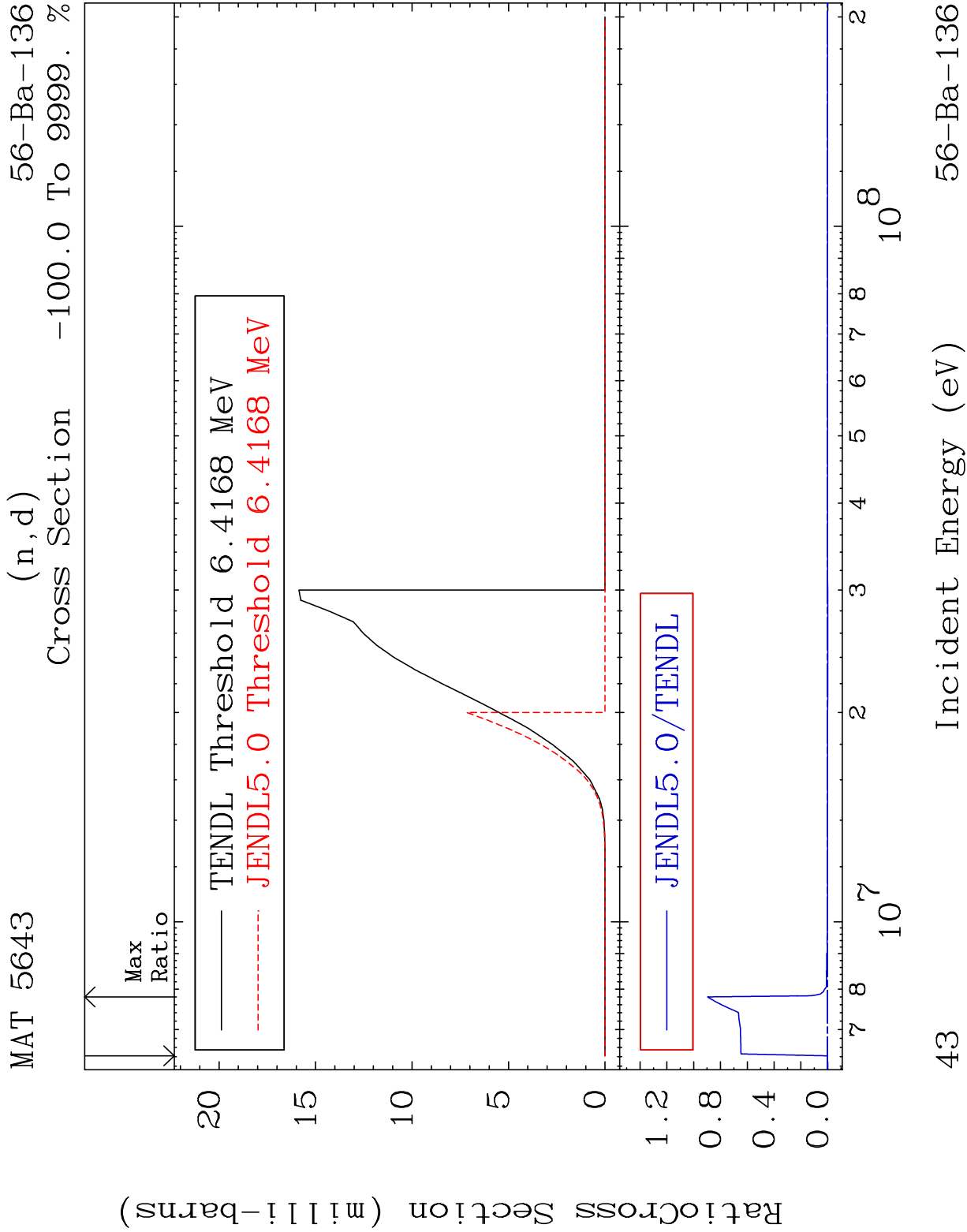


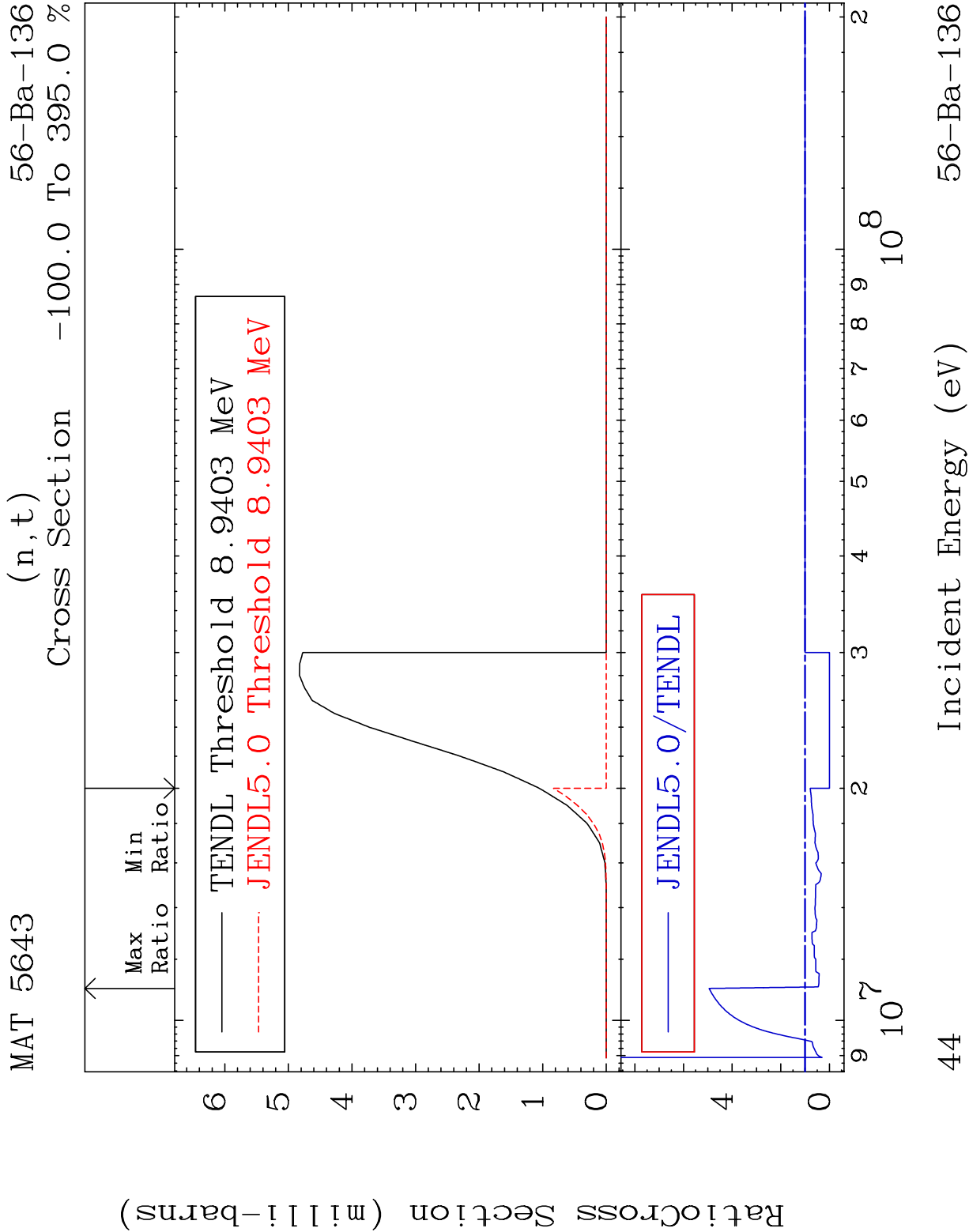


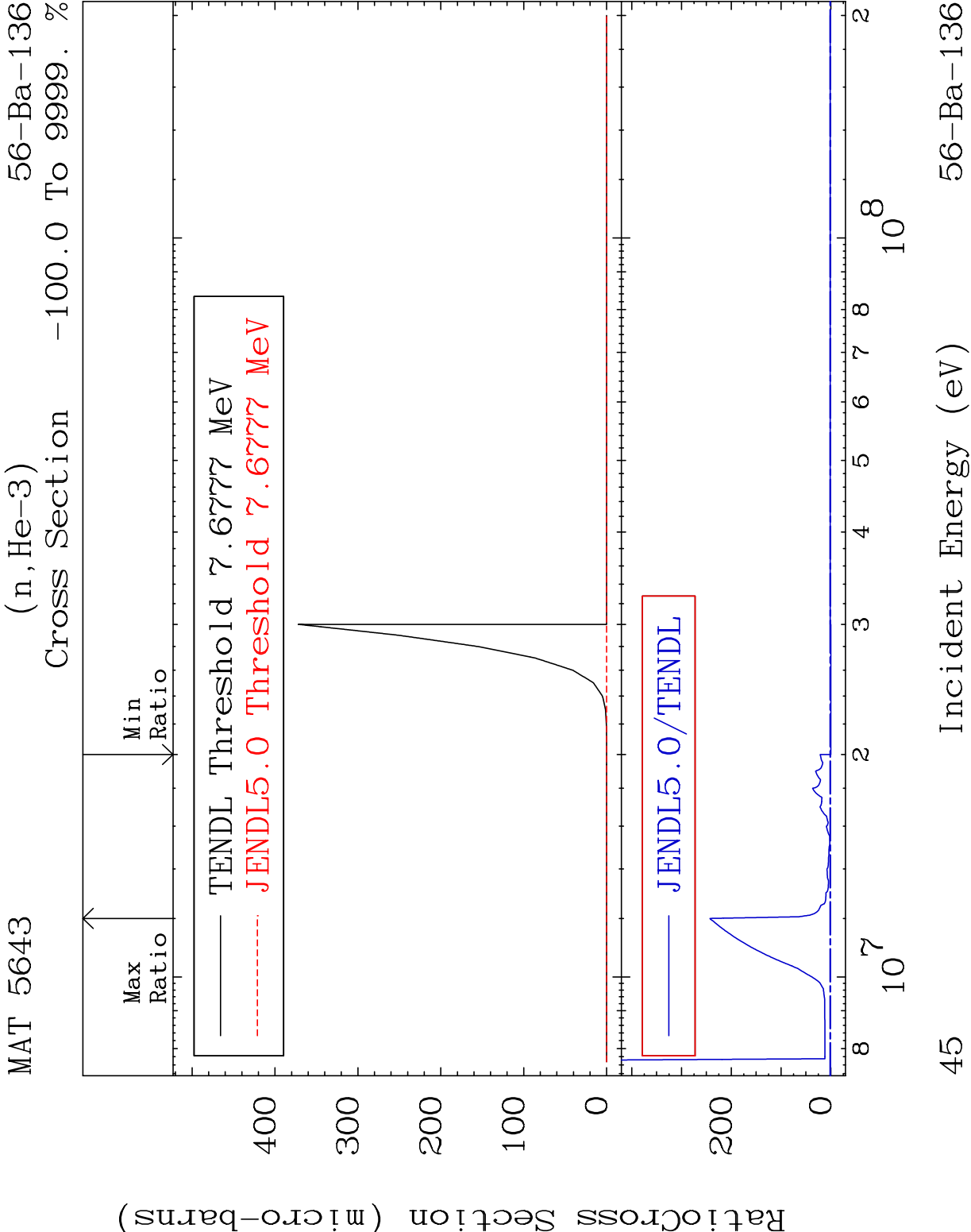


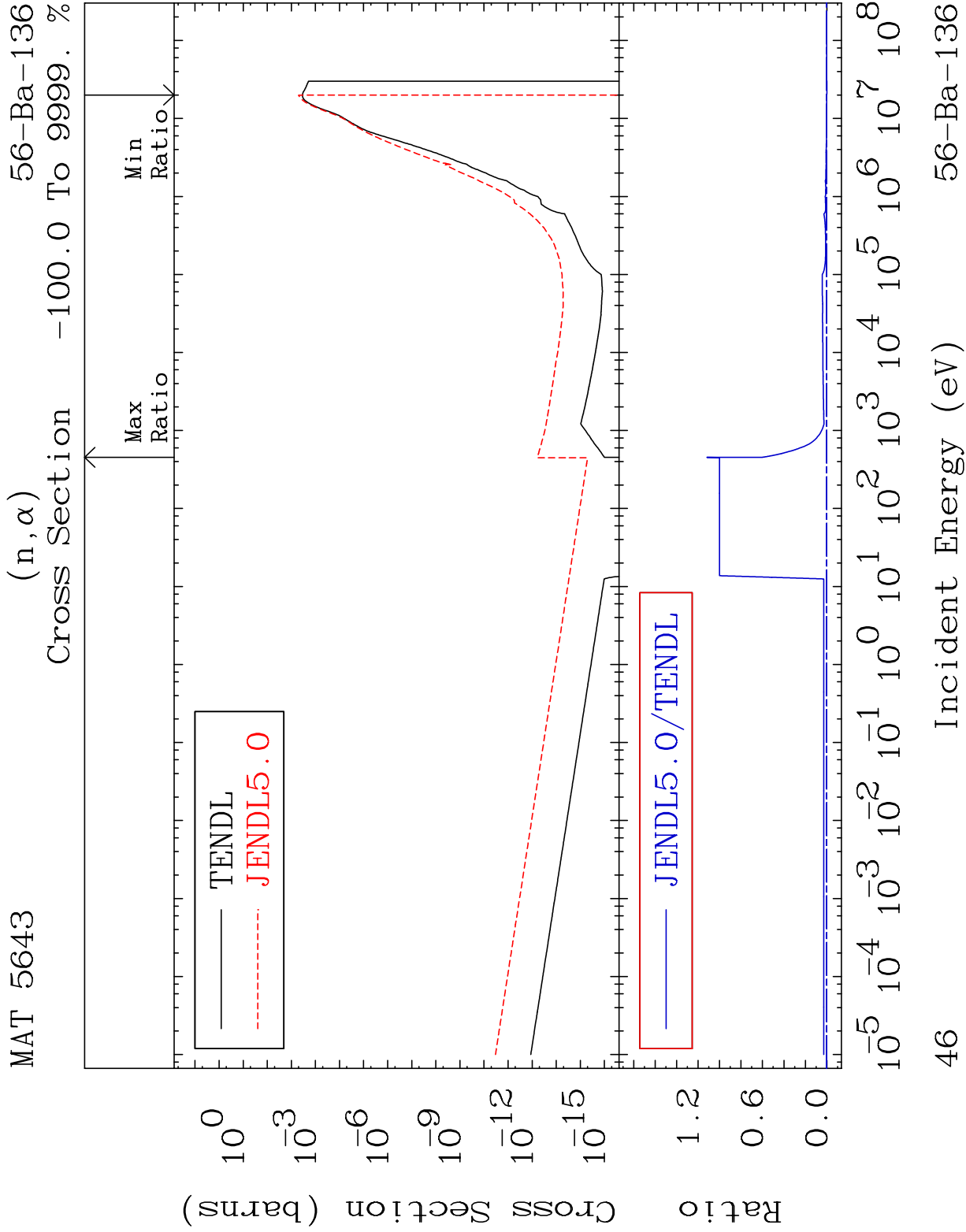


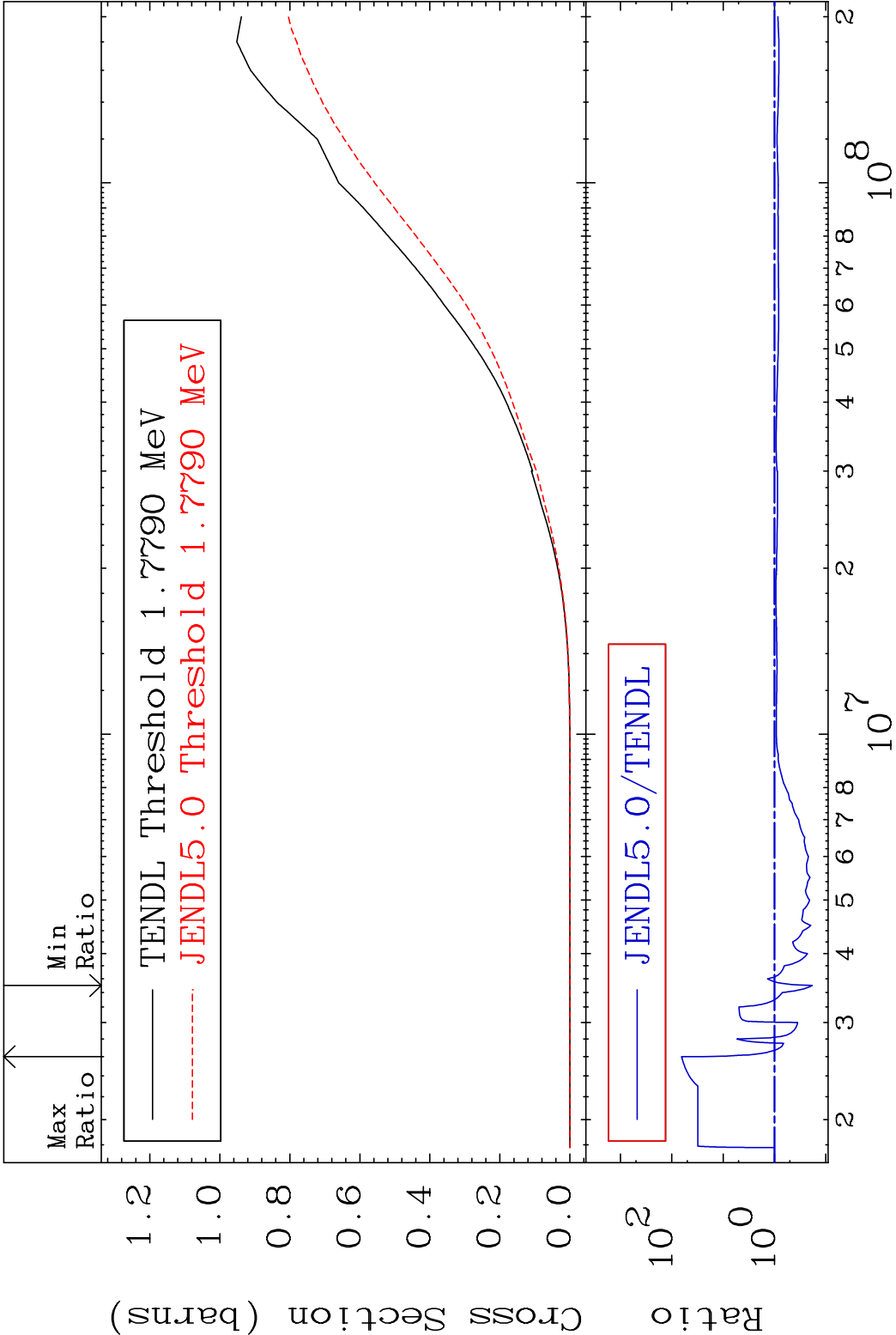




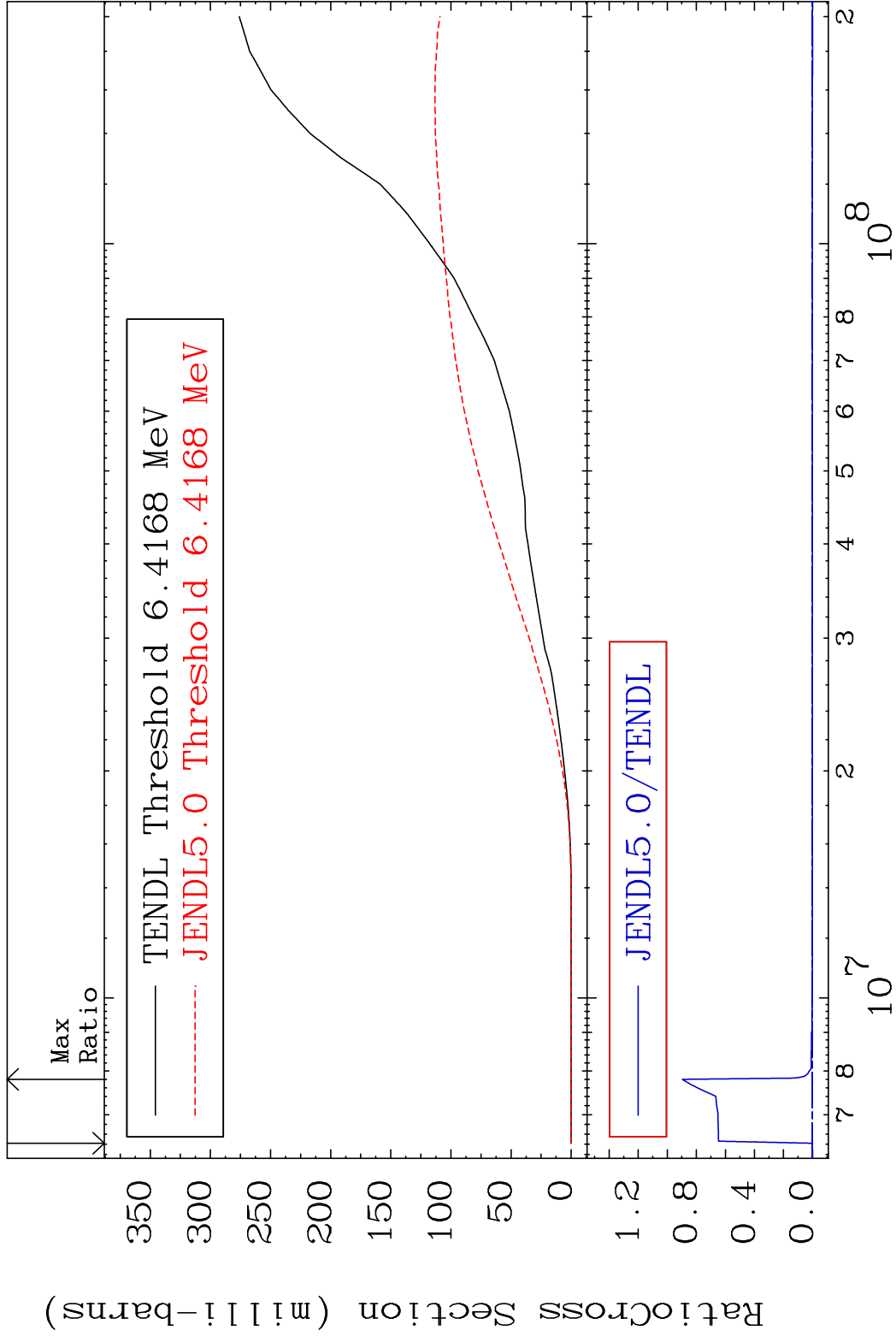




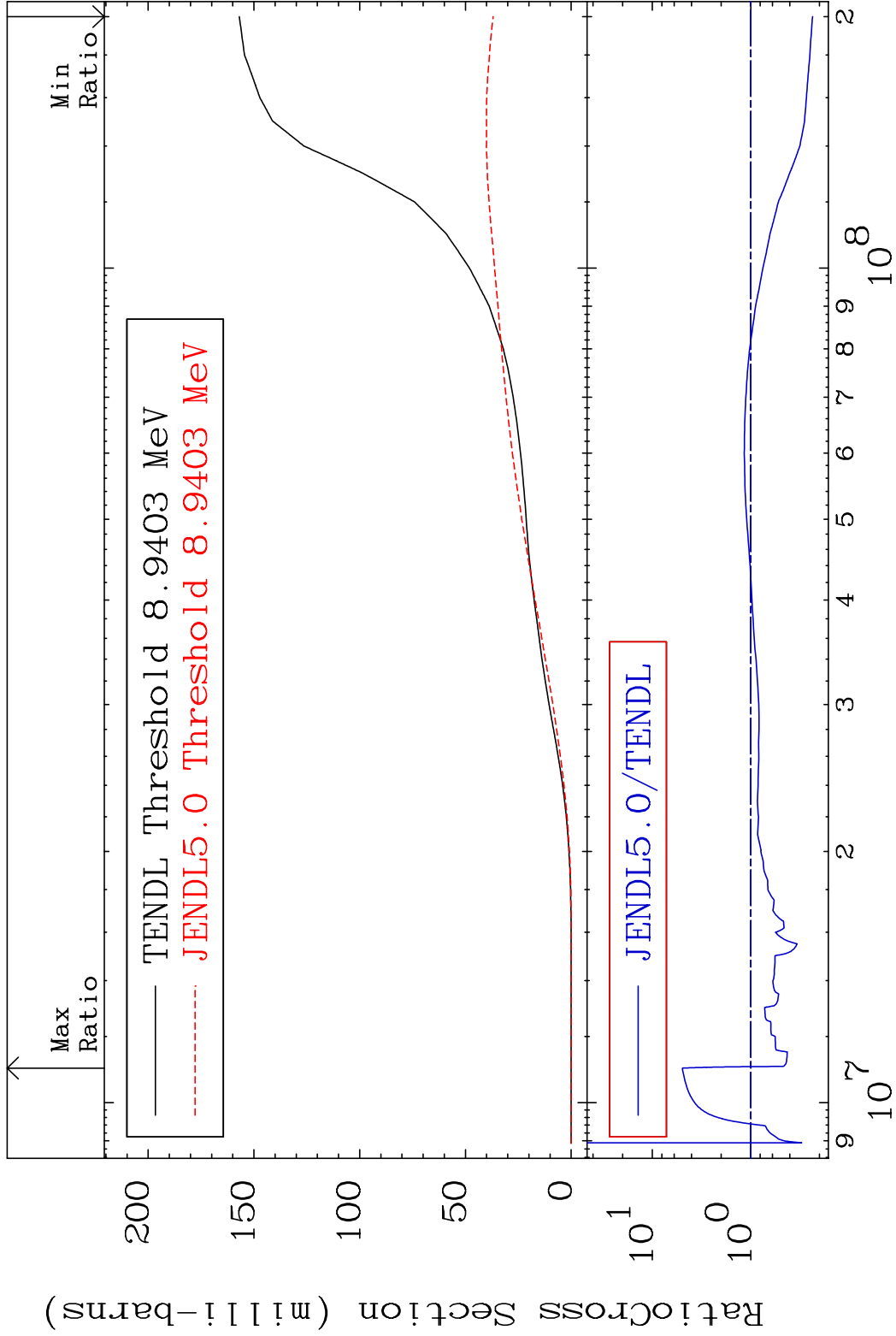






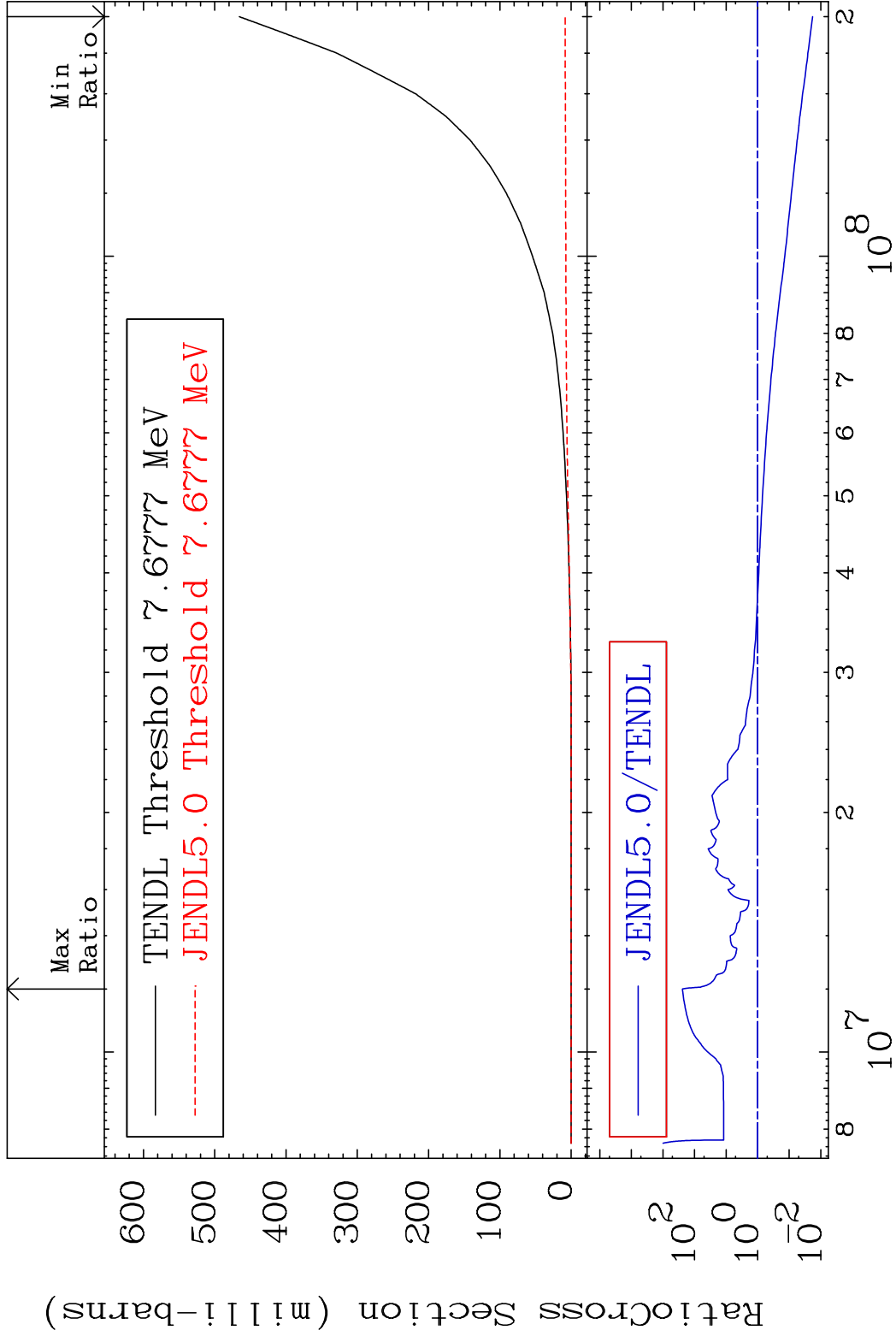


MAT 5643      Tritium Production      56-Ba-136  
Cross Section      -76.48 To 395.0 %

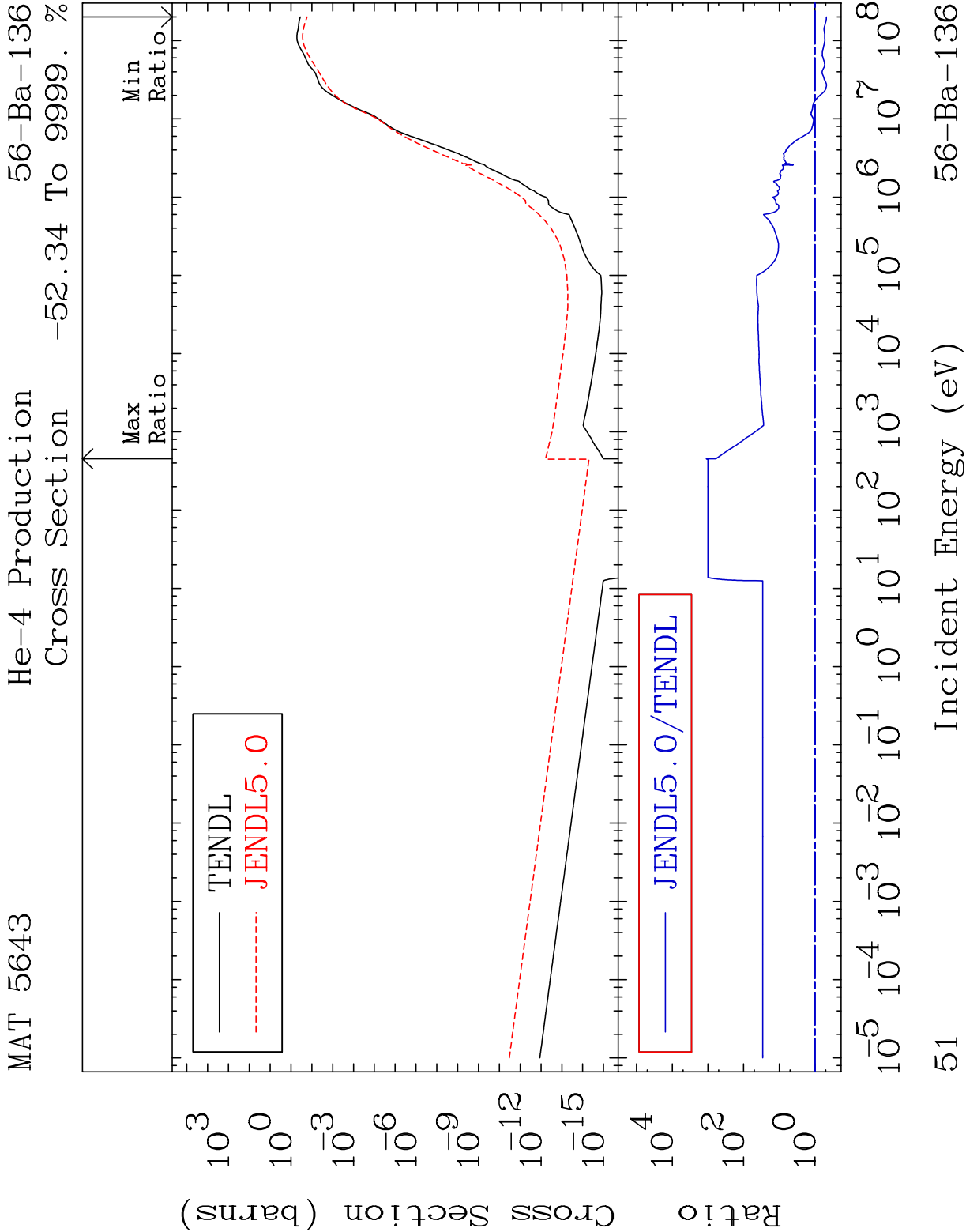


49      Incident Energy (eV)      56-Ba-136

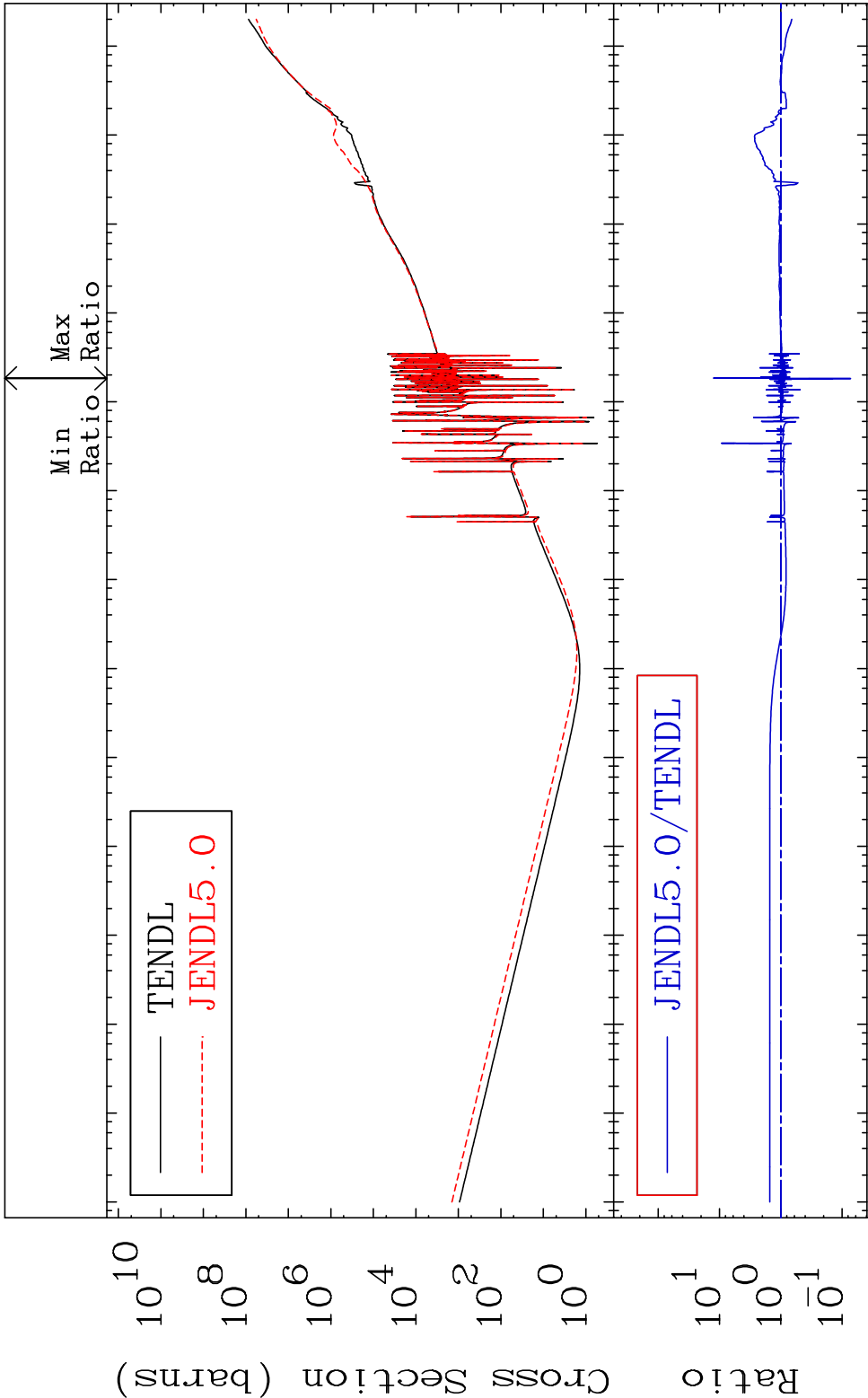
MAT 5643      He-3 Production      56-Ba-136  
Cross Section      -98.18 To 9999. %

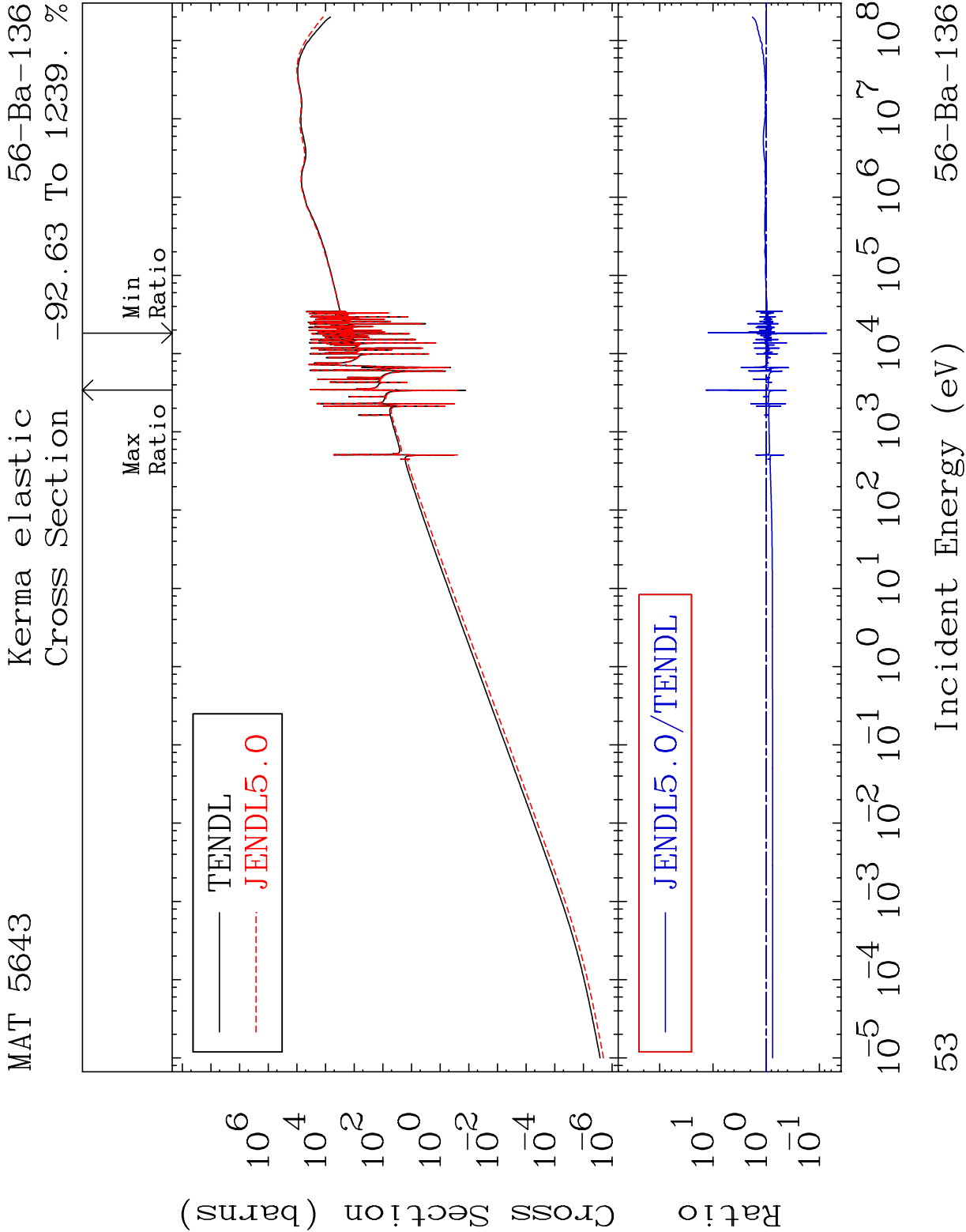


50      Incident Energy (eV)      56-Ba-136

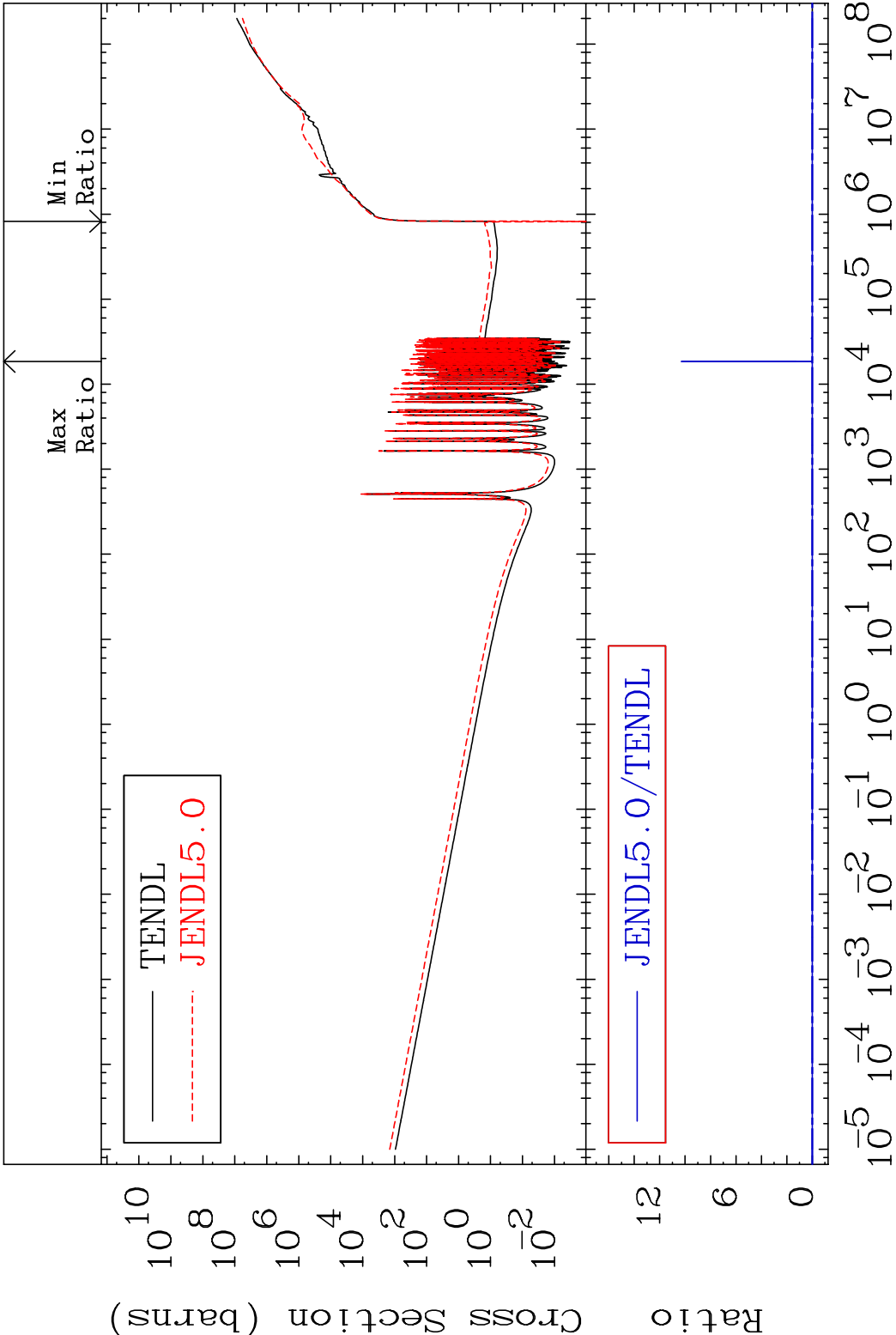


MAT 5643      Kerma total (eV-barns)      56-Ba-136  
Cross Section      -92.70 To 1140. %

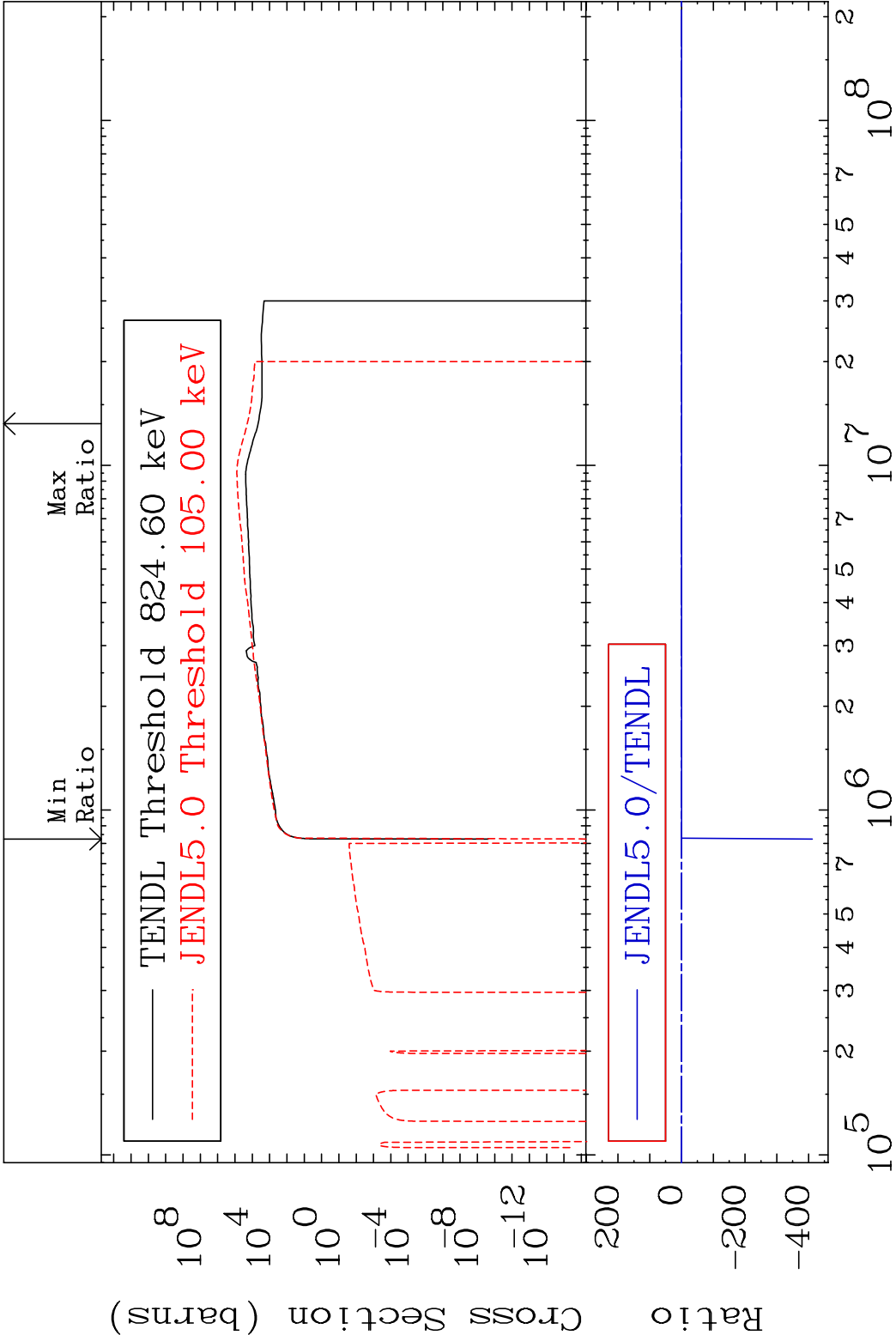




MAT 5643    Kerma non-elastic (all but mt2)    56-Ba-136  
 Cross Section    -190.7 To 9999. %

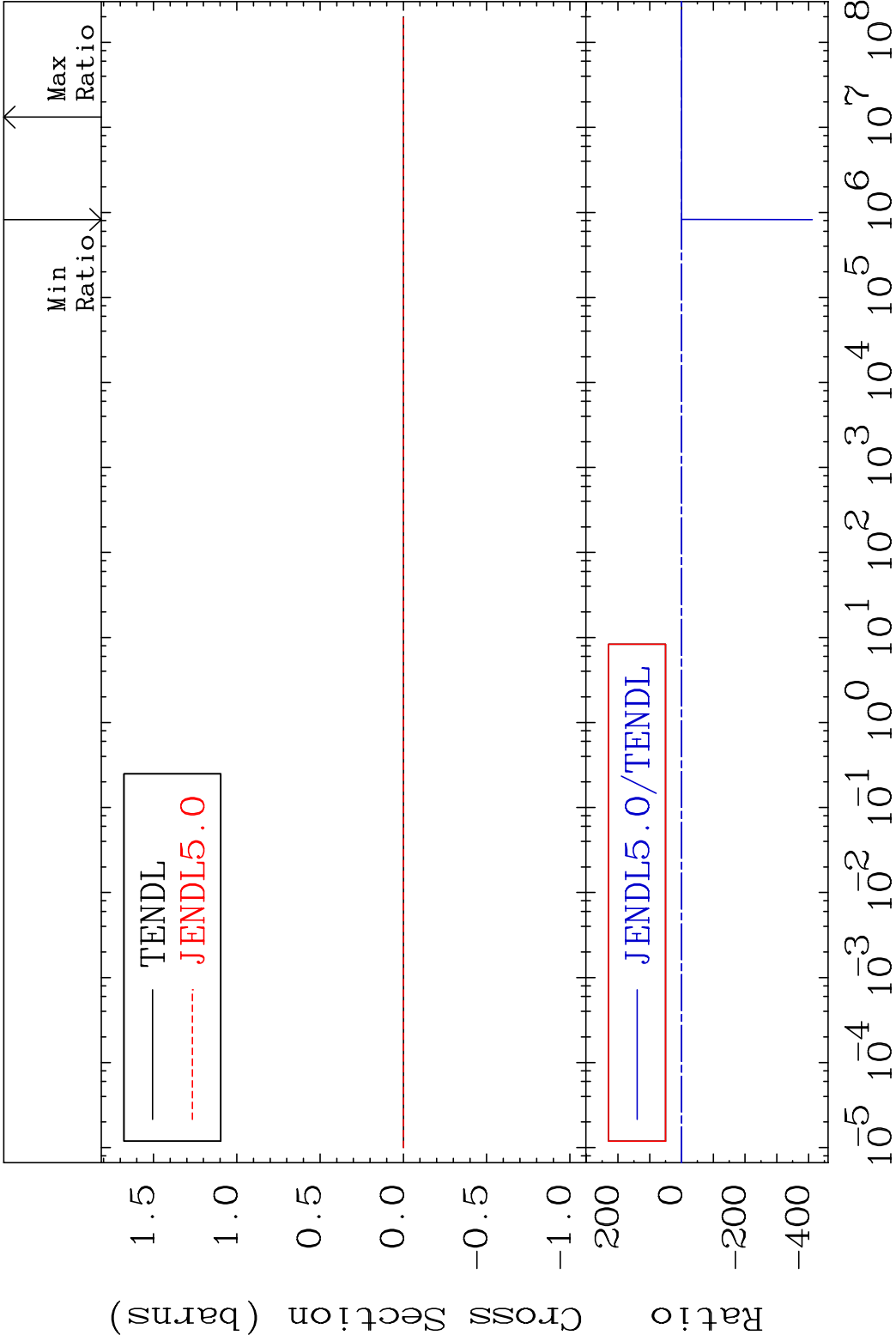


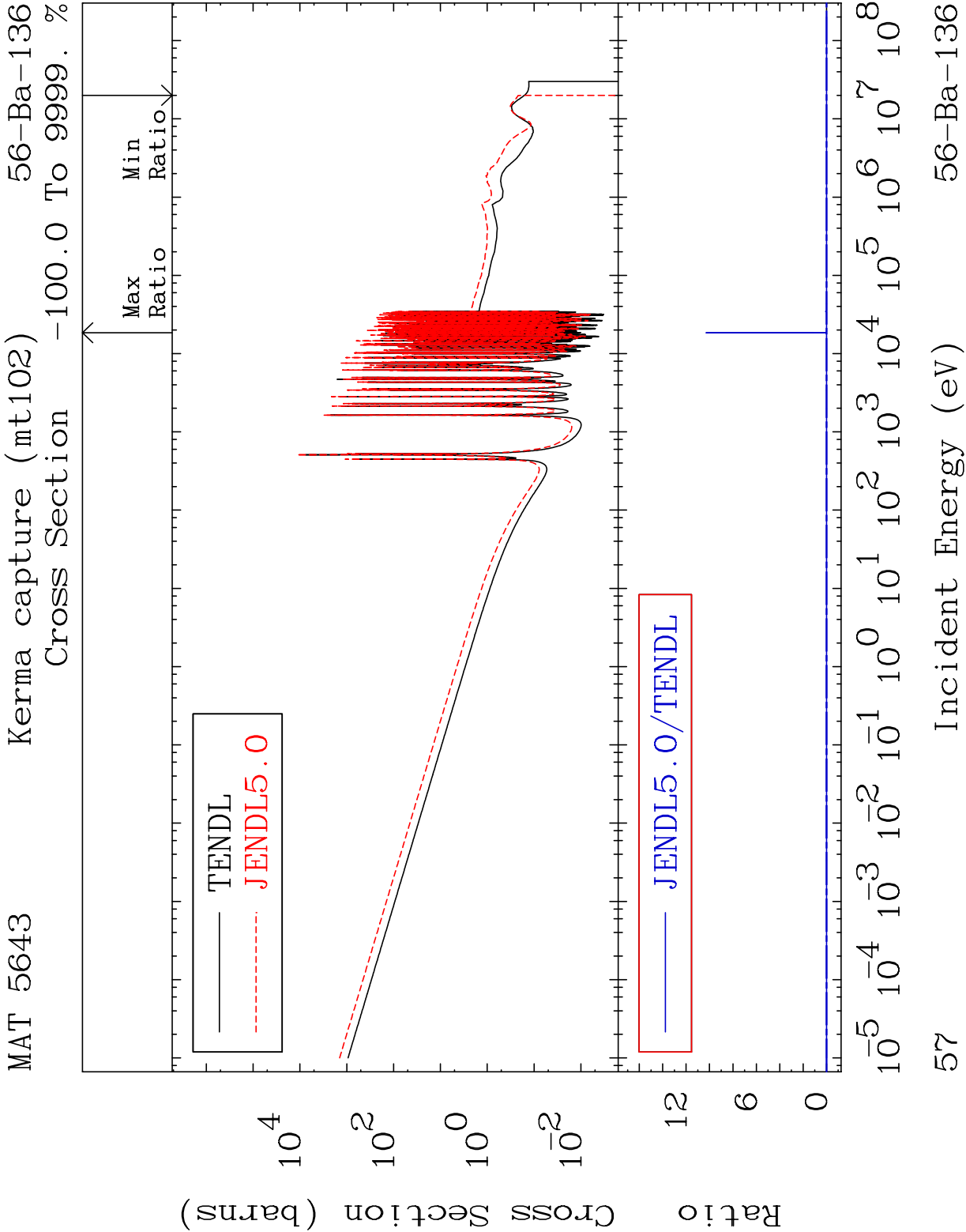
54    Incident Energy (eV)    56-Ba-136

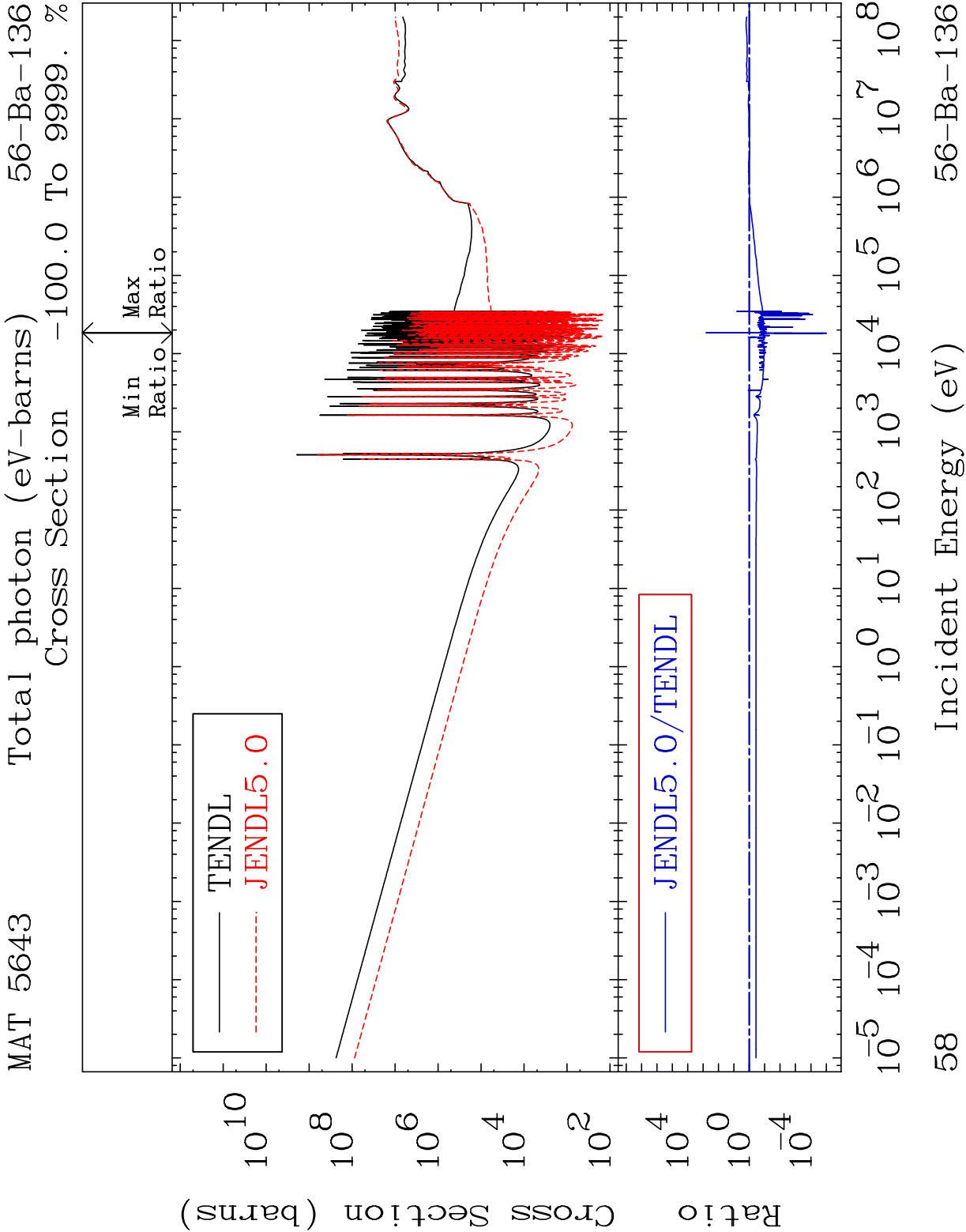




MAT 5643Kerma fission (mt18 or mt19-20-21-38)56-Ba-136  
Cross Section -9999. To 329.1 %

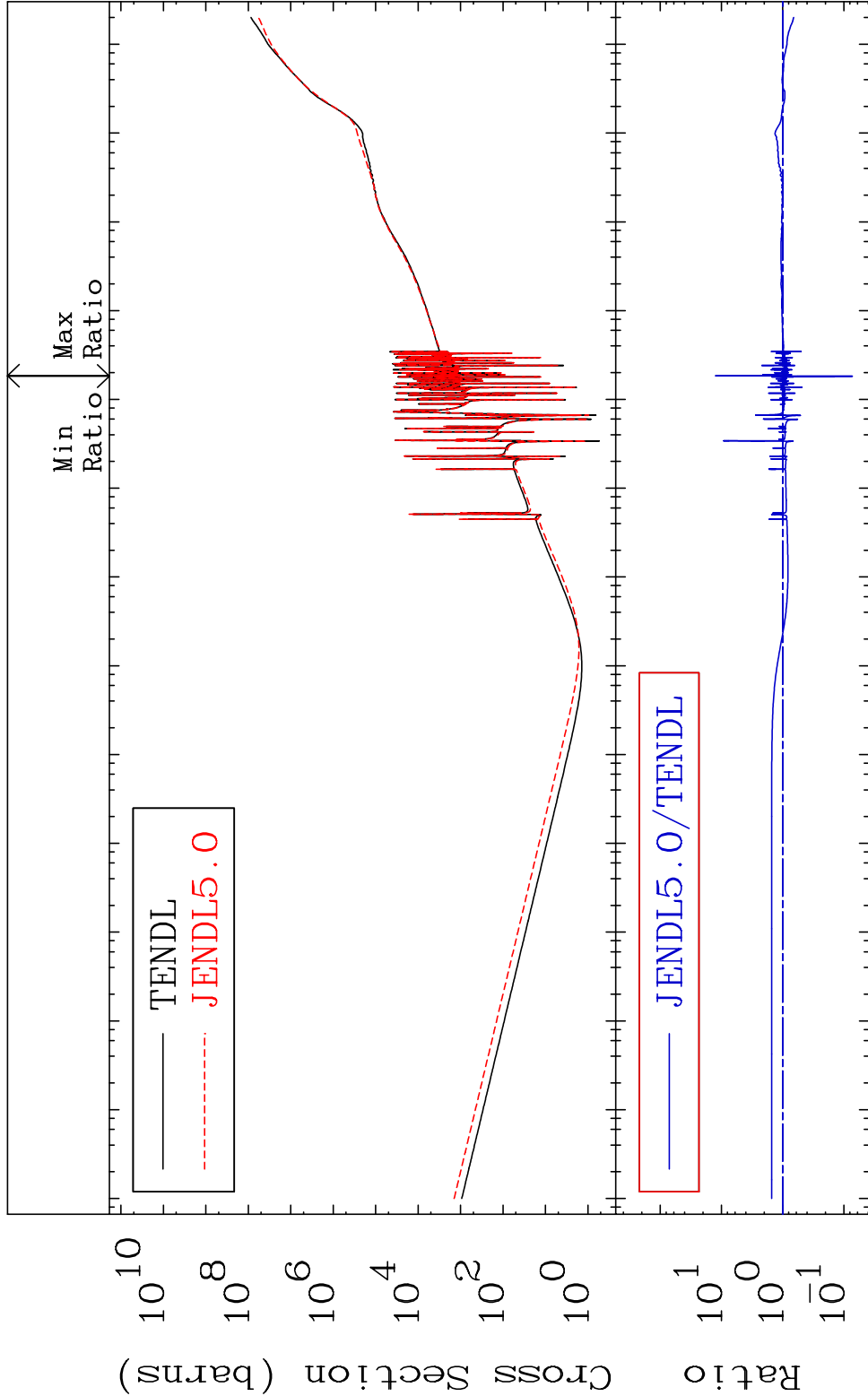


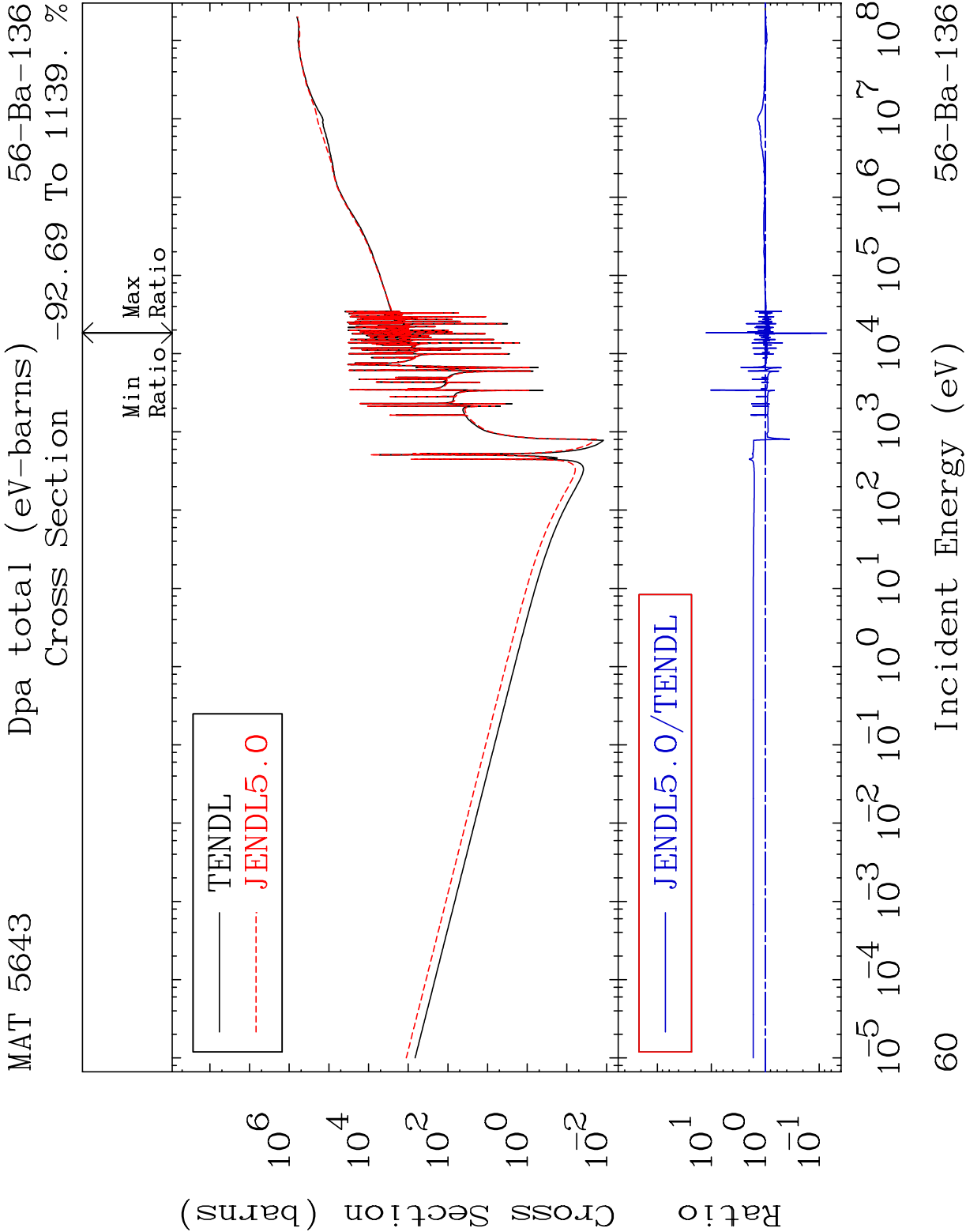




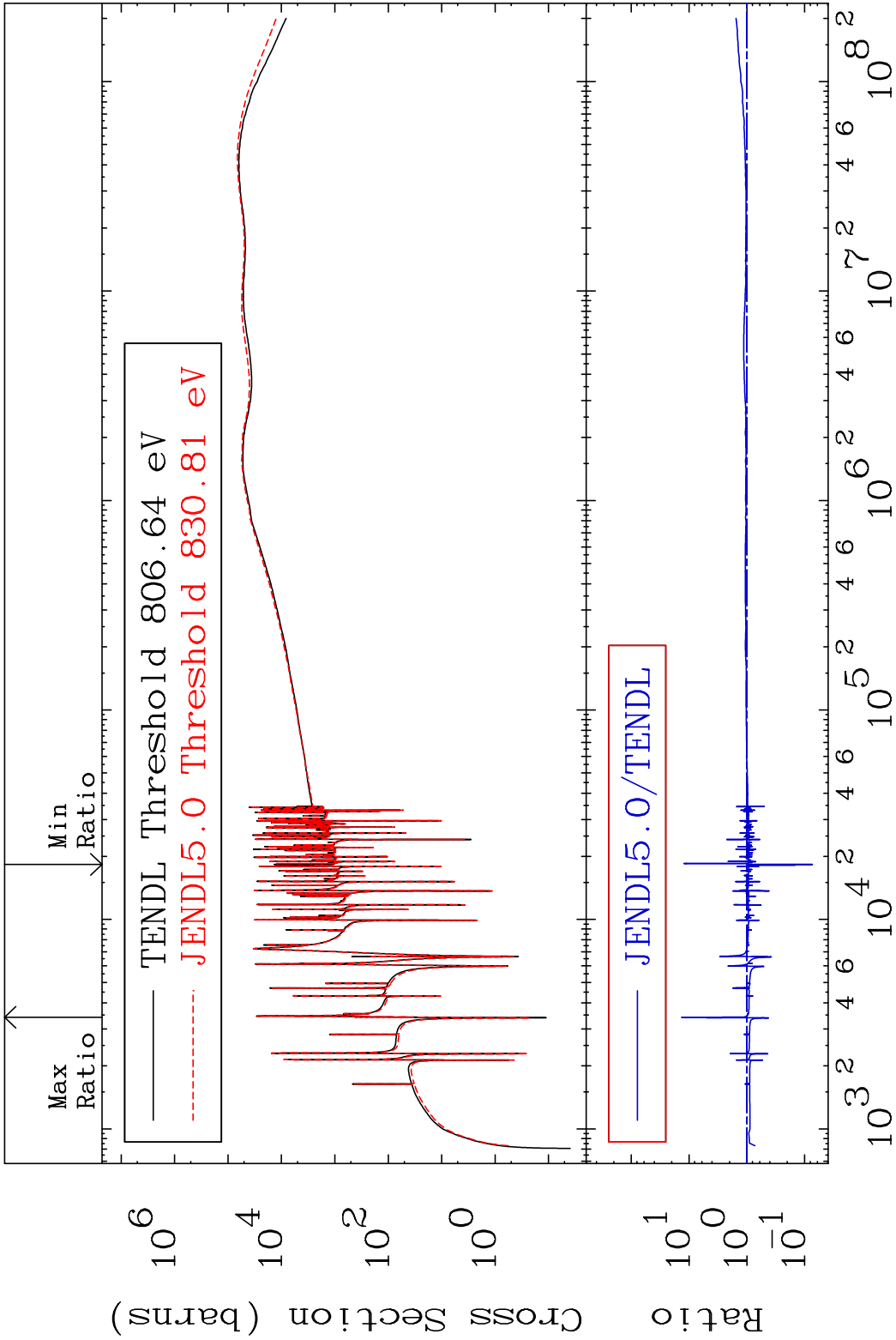
MAT 5643 Total kinematic kerma (high limit) 56-Ba-136

Cross Section -92.70 To 1140. %

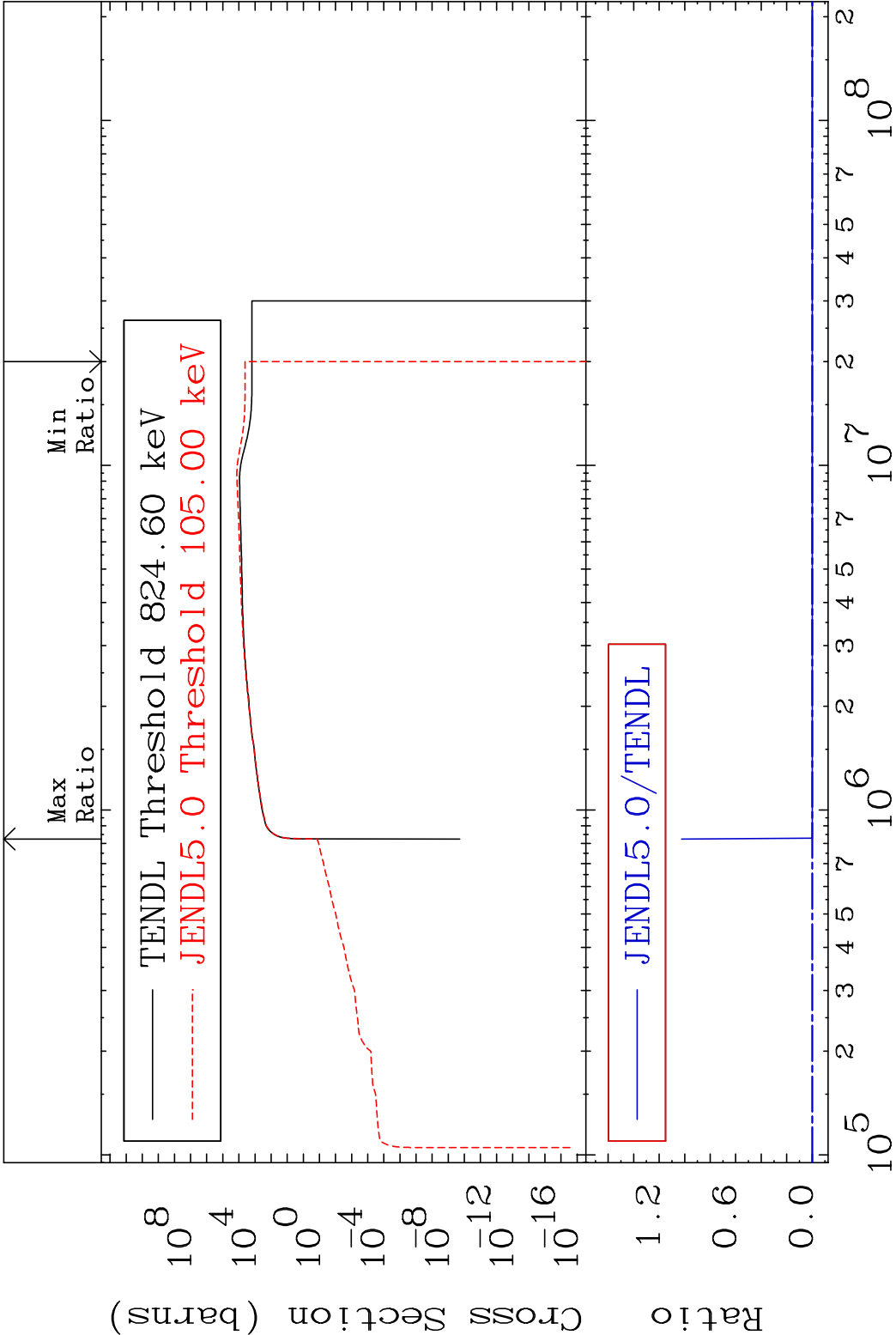




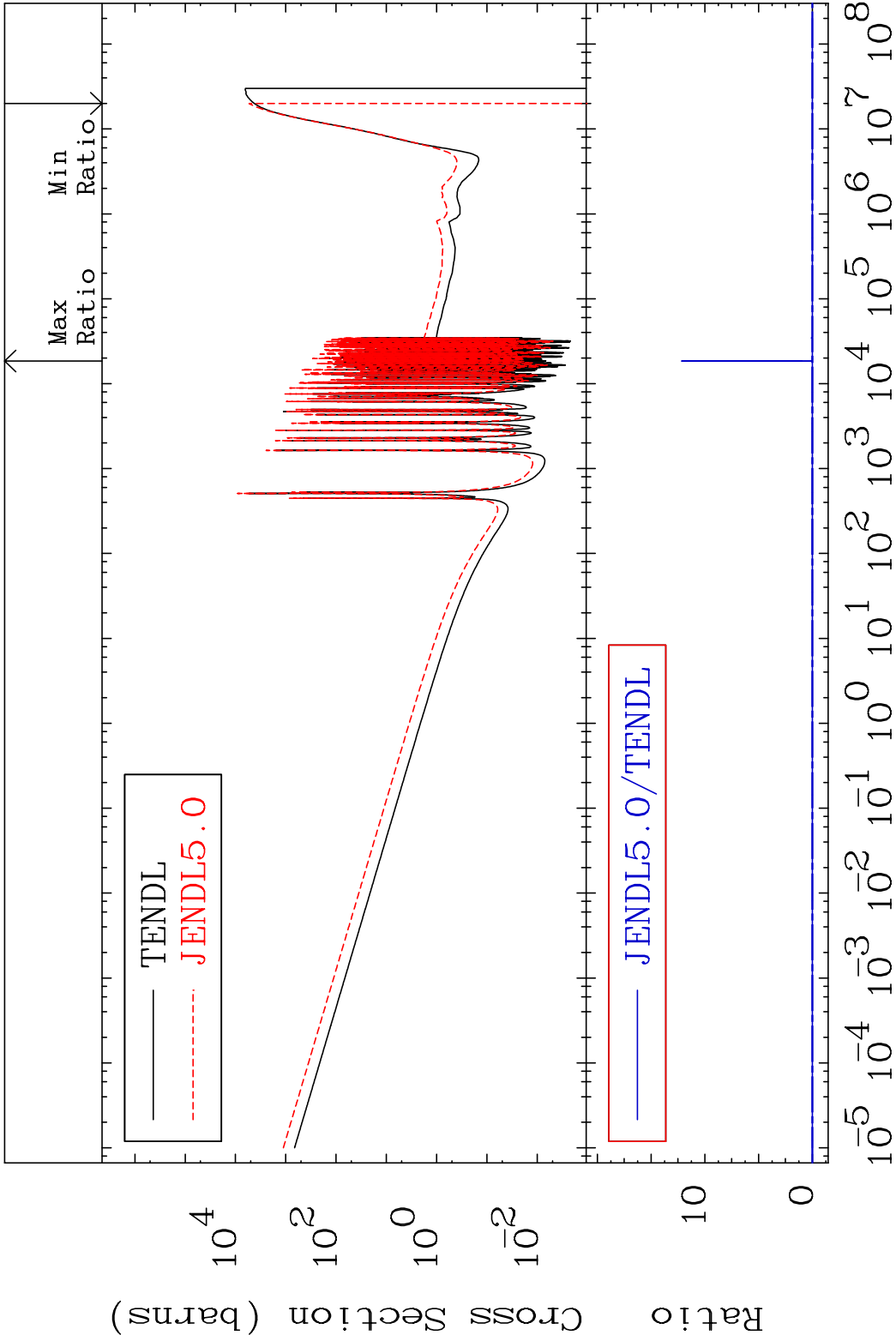
|          |                   |                   |
|----------|-------------------|-------------------|
| MAT 5643 | Dpa elastic (mt2) | 56-Ba-136         |
|          | Cross Section     | -92.63 To 1239. % |



MAT 5643      Dpa inelastic (mt51-91)      56-Ba-136  
Cross Section      -100.0 To 9999. %

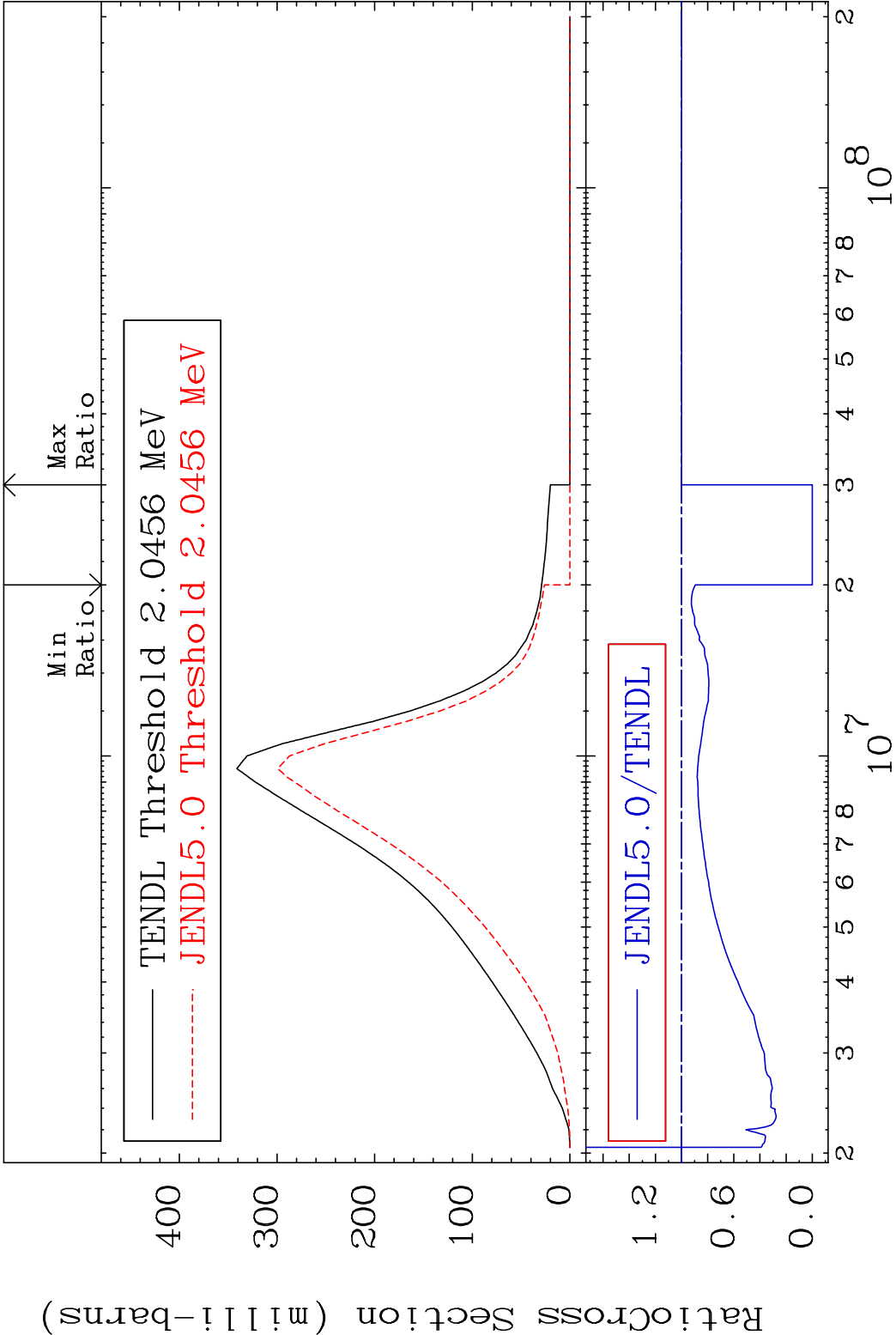


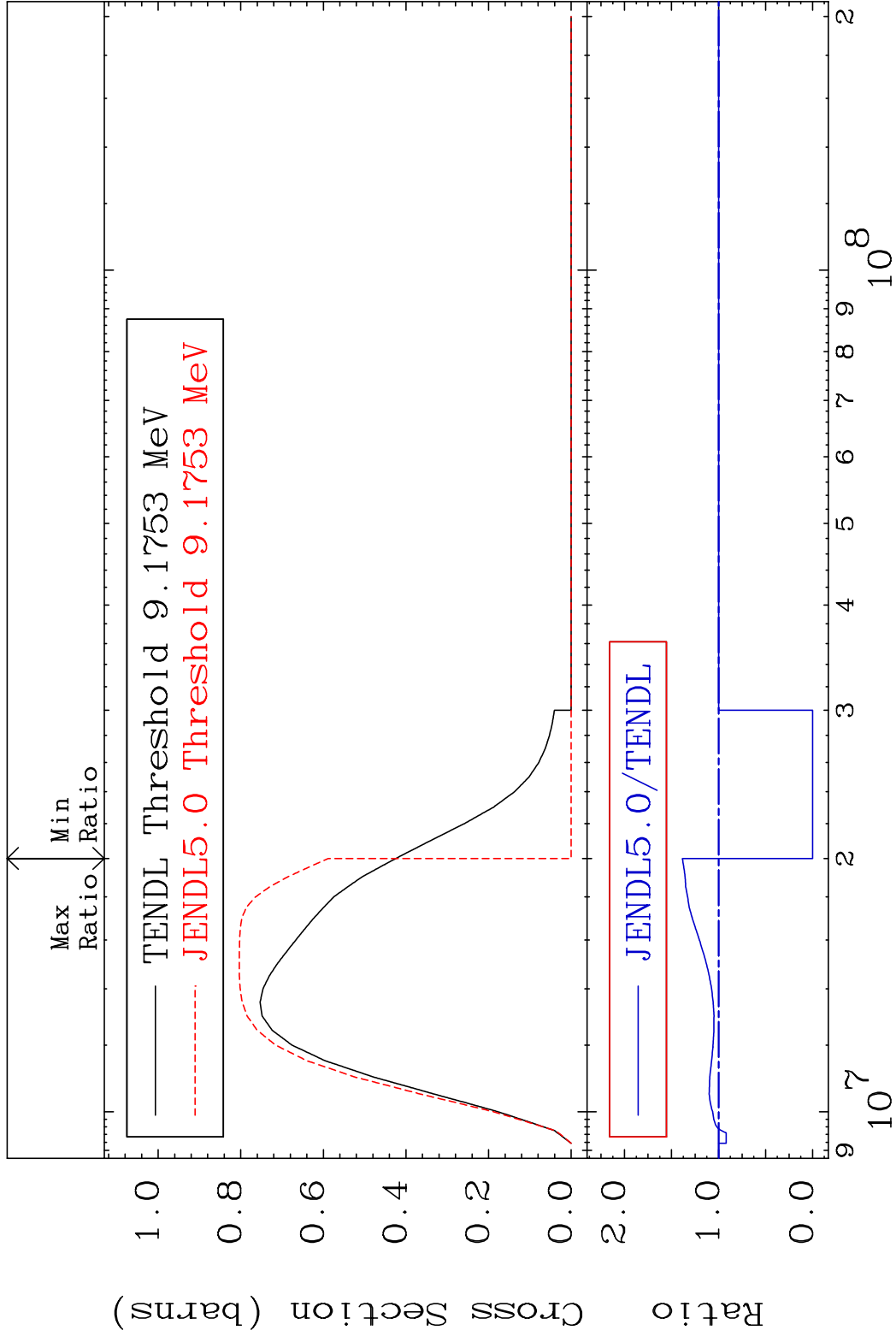
MAT 5643    Dpa disappearance (mt102 -120)    56-Ba-136  
Cross Section    -100.0 To 9999. %

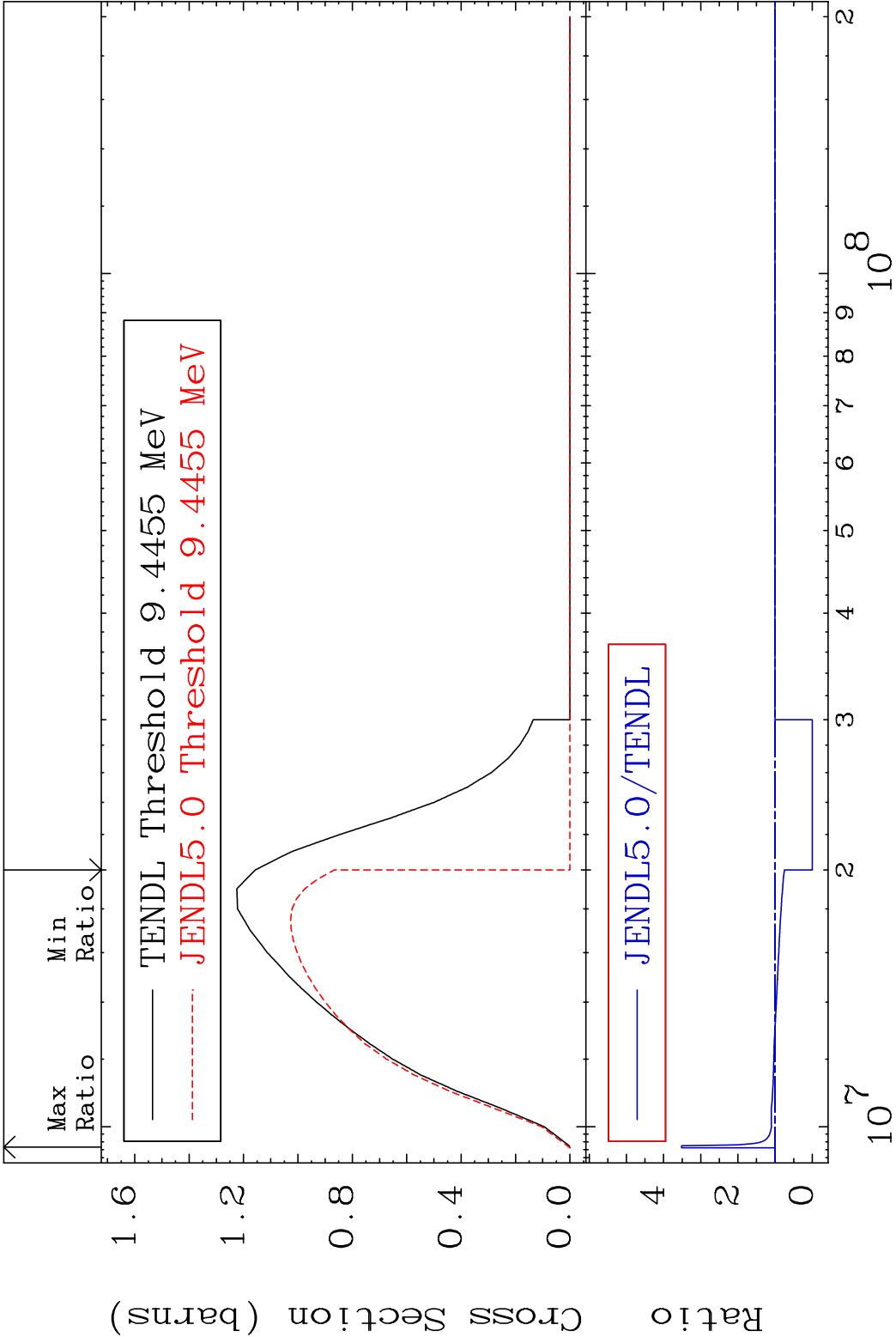


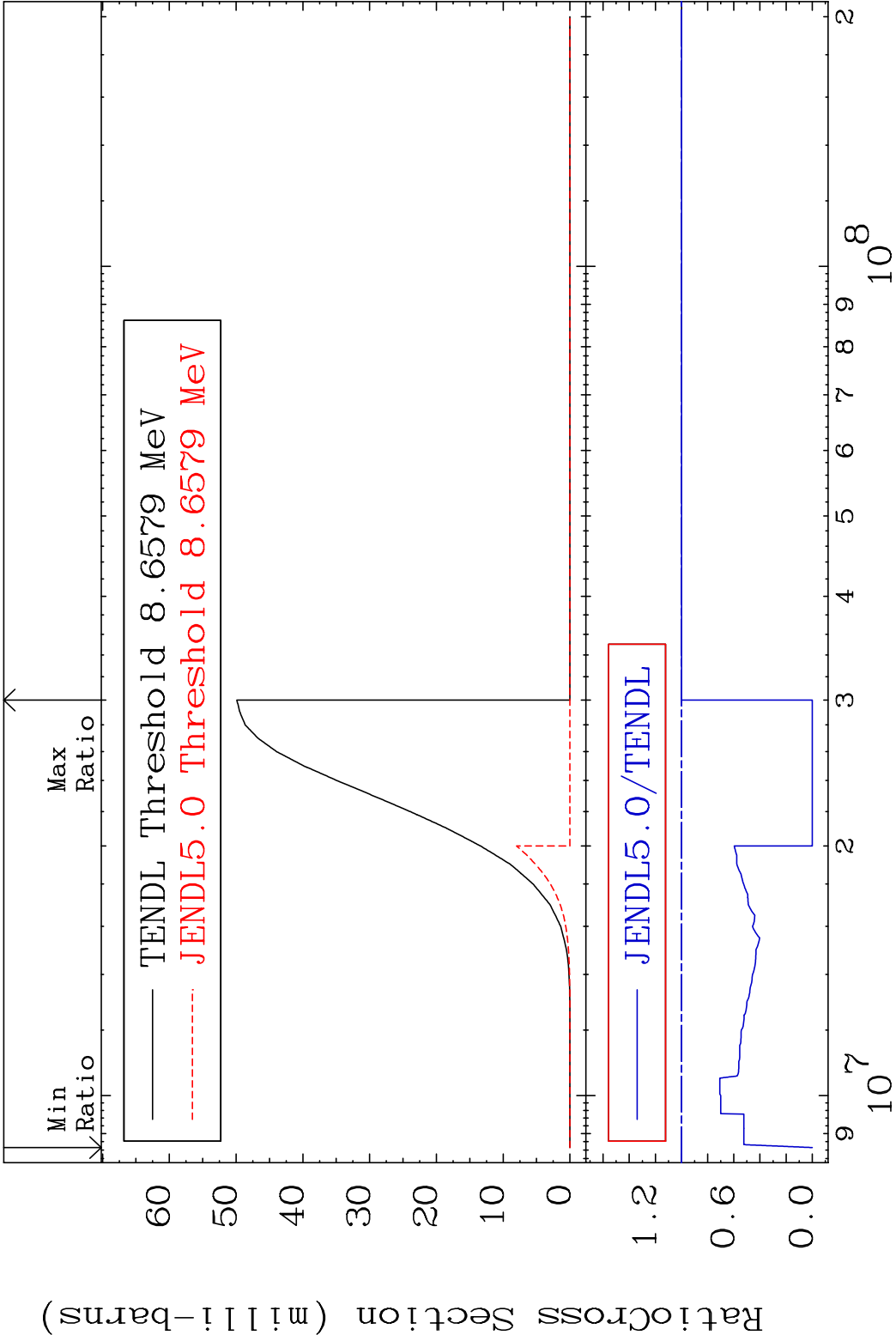
63    Incident Energy (eV)    56-Ba-136

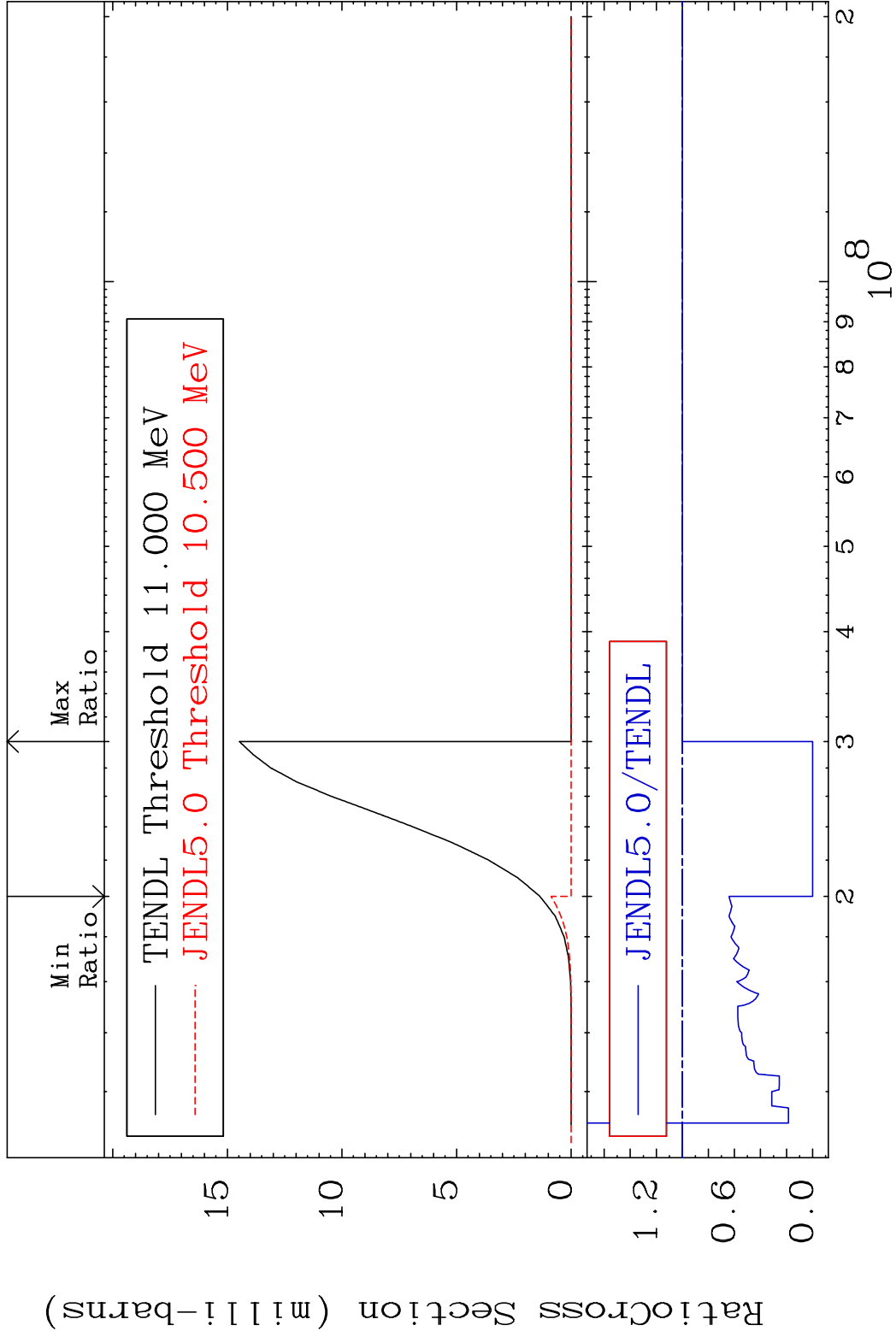


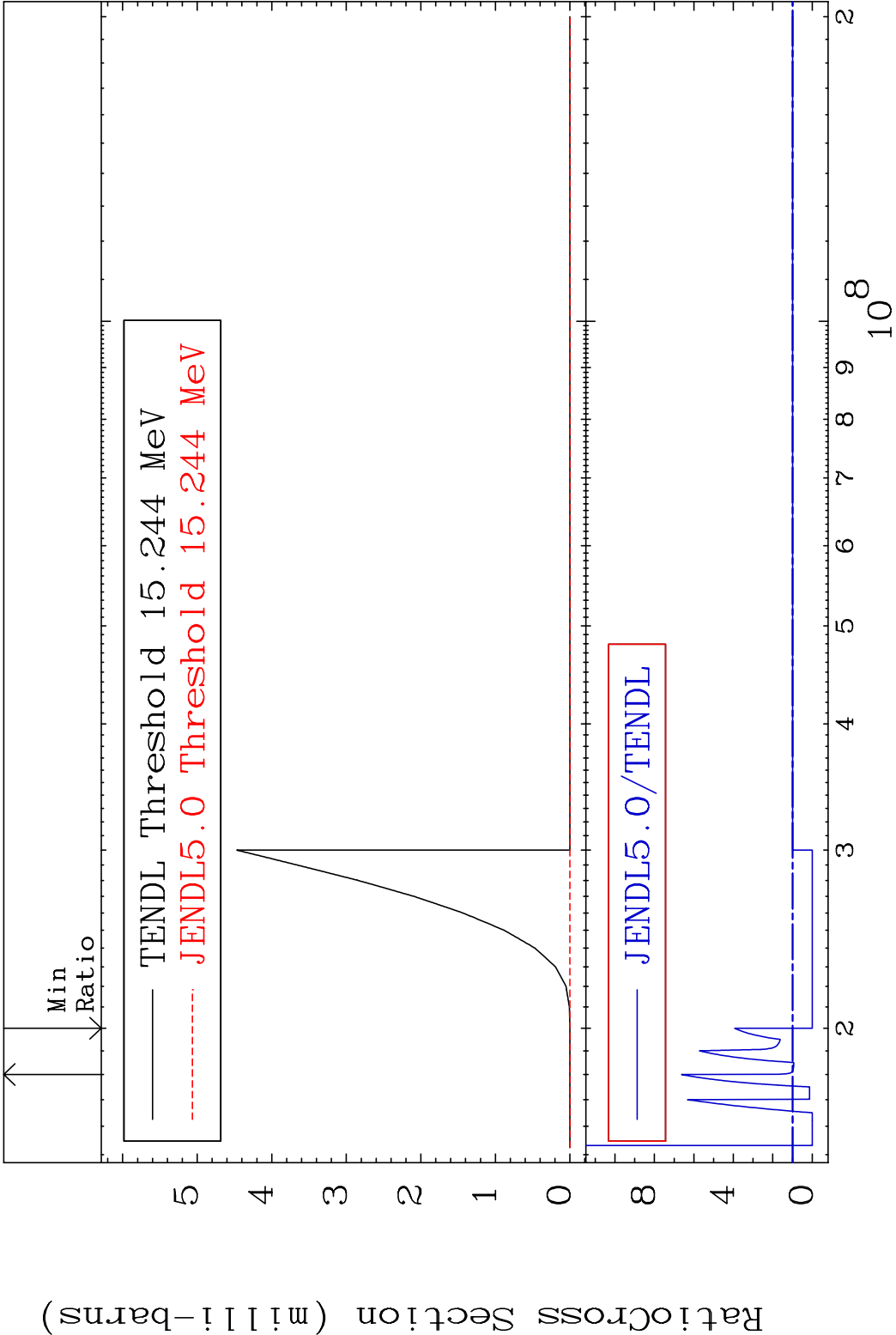


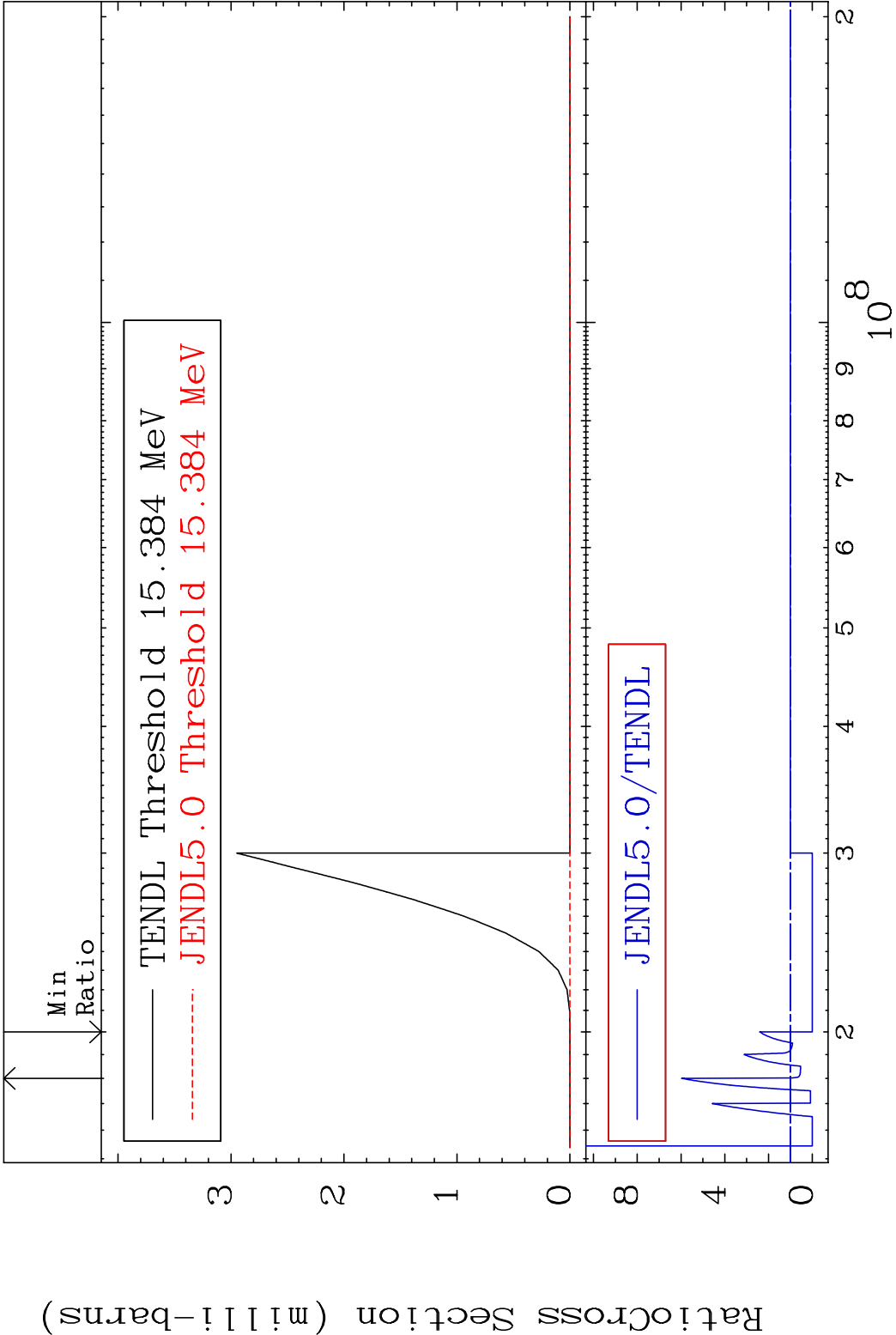


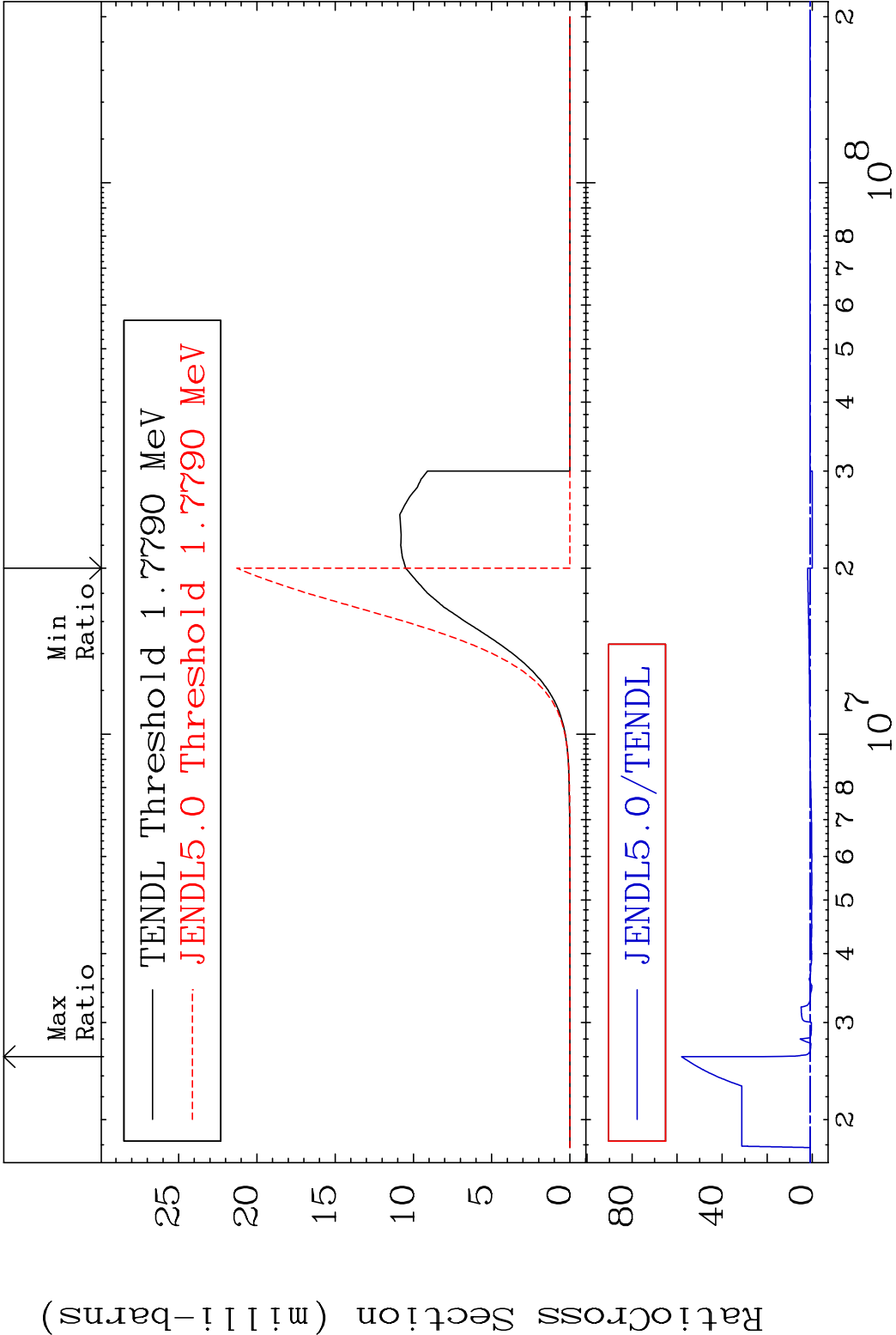




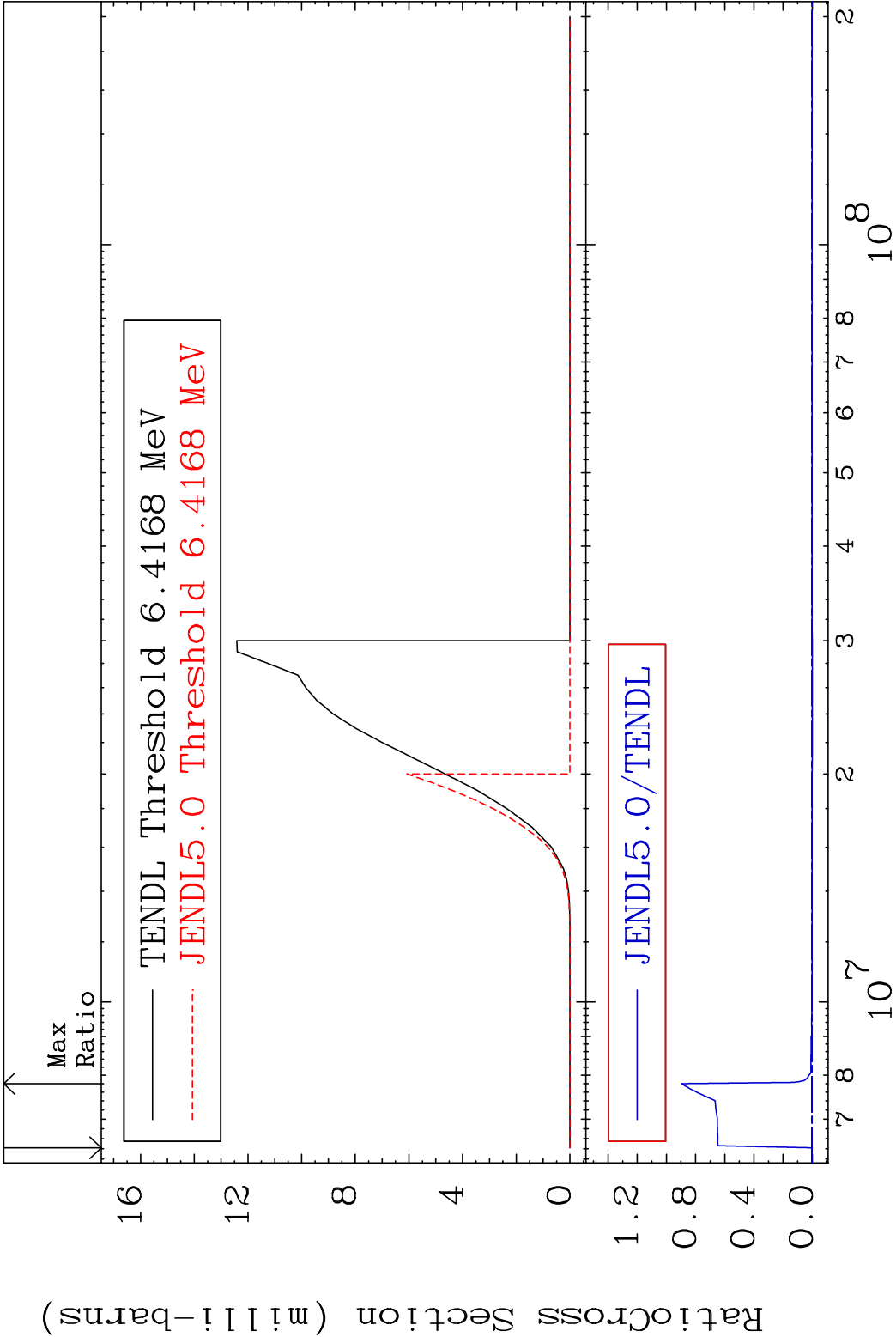


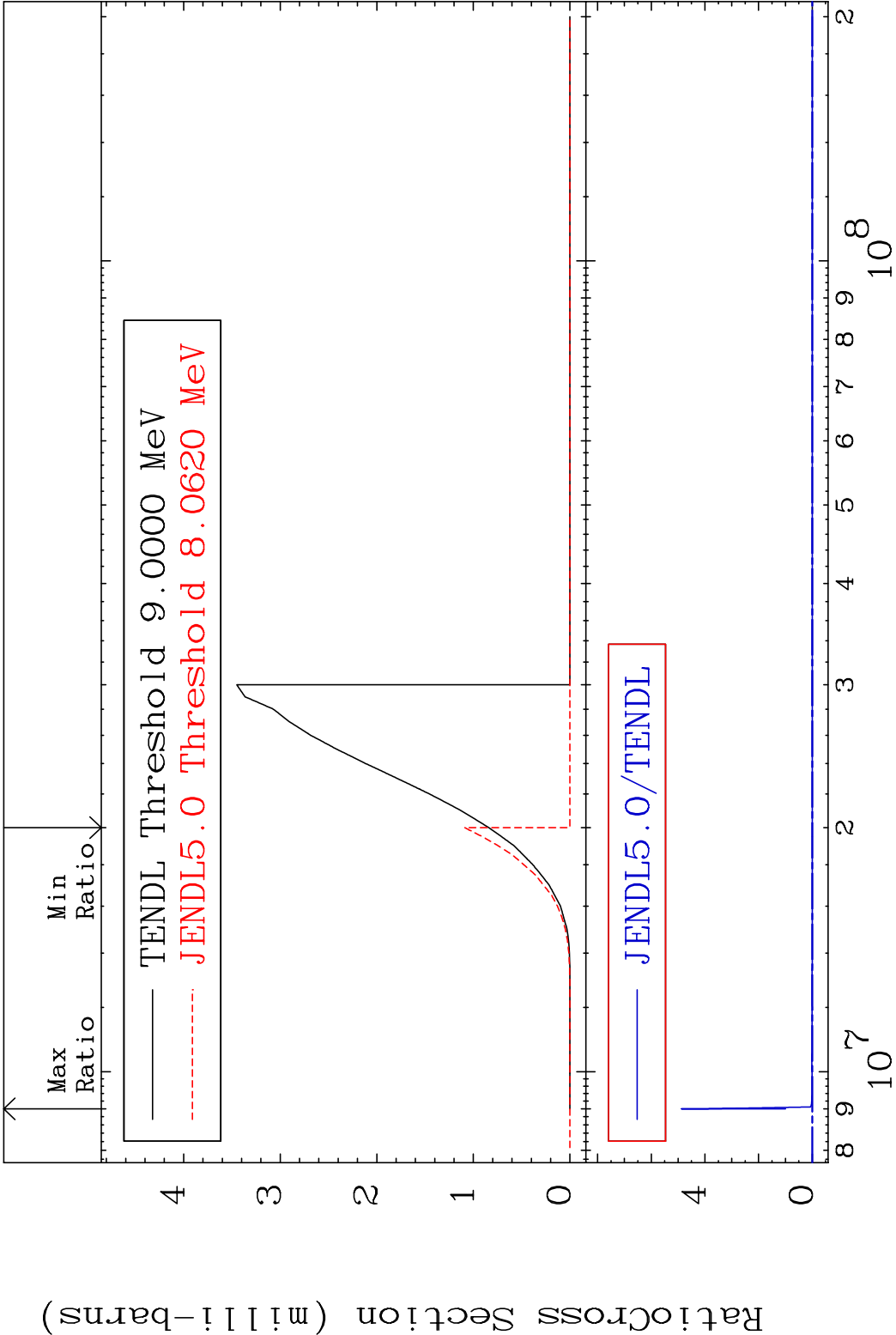


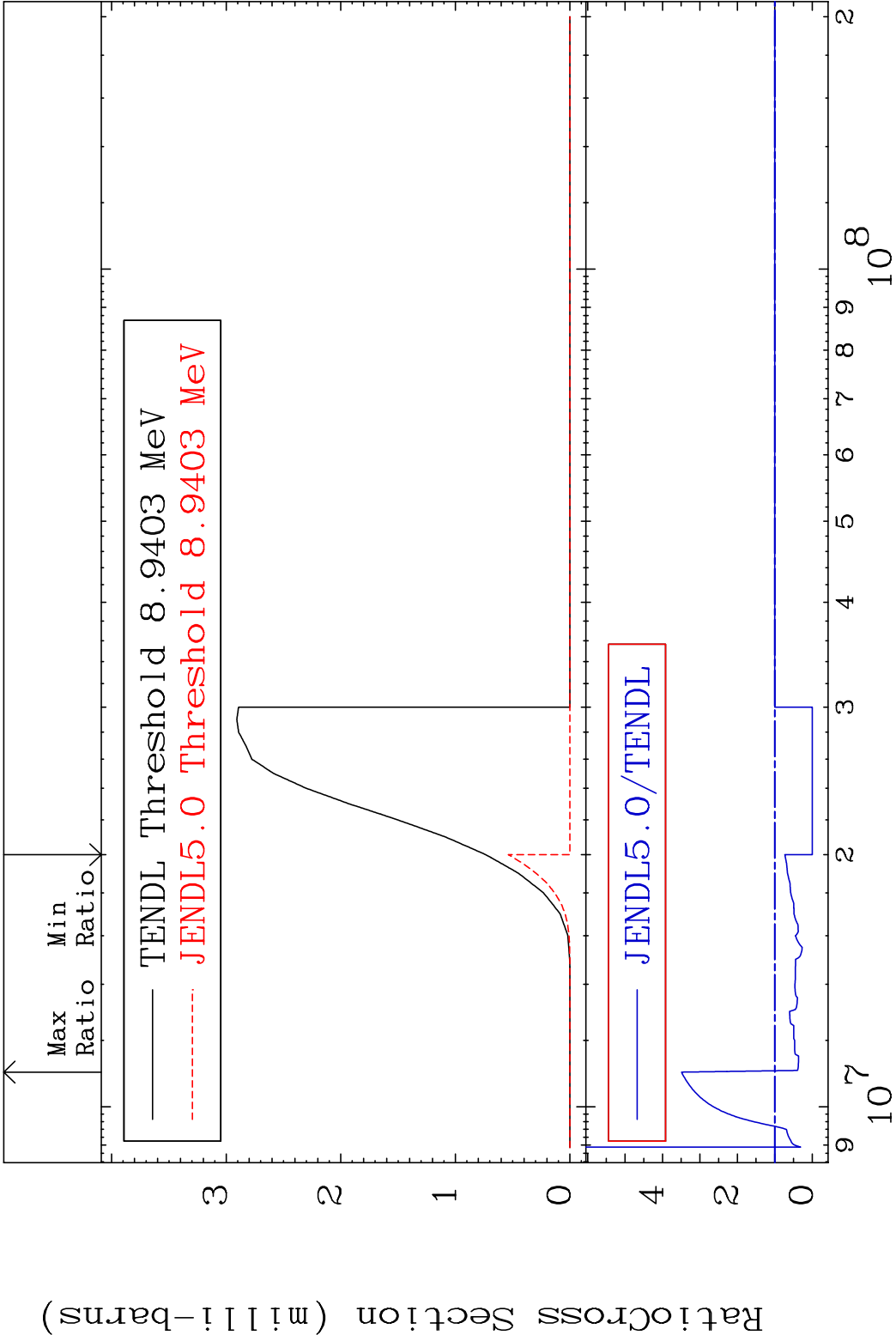


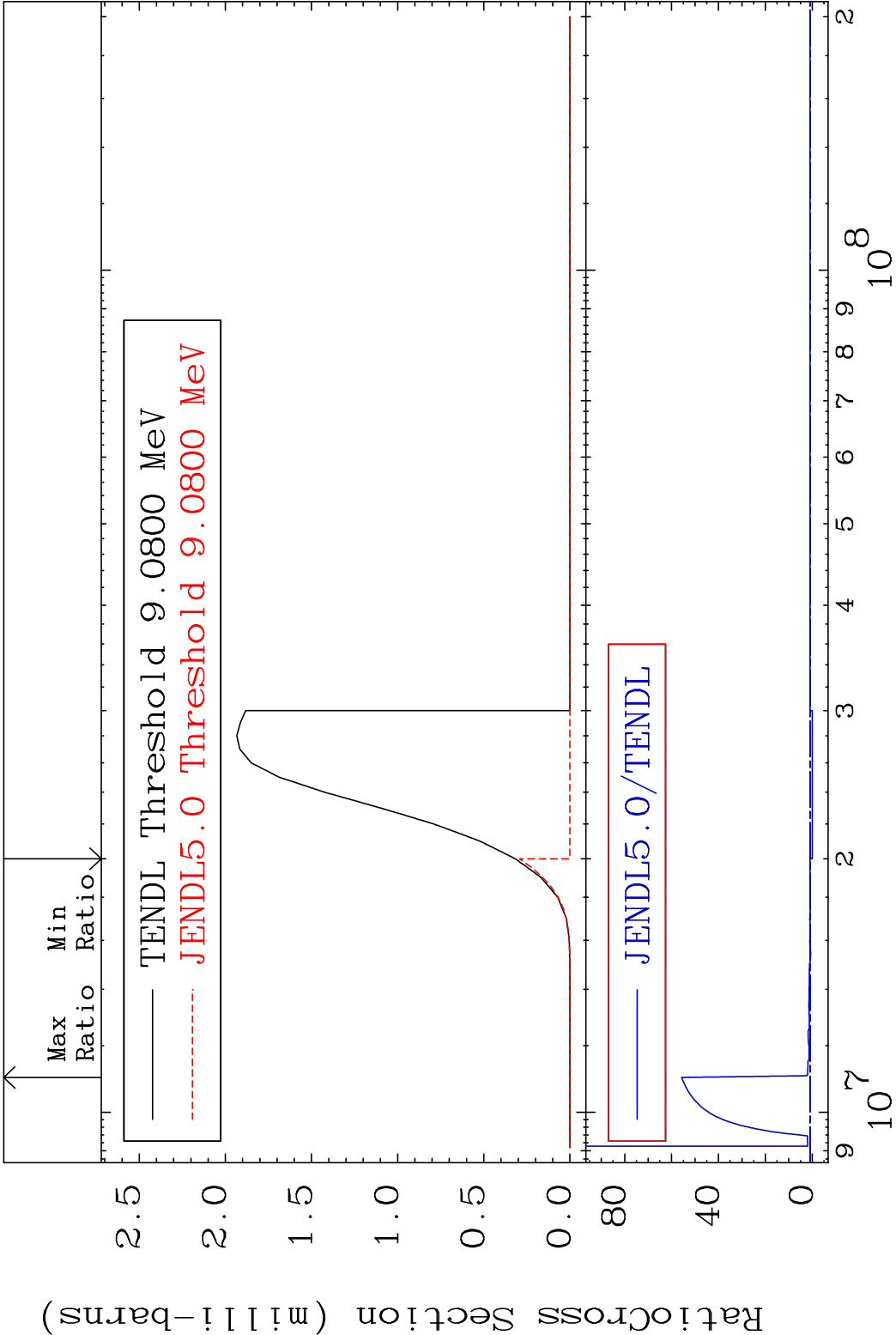


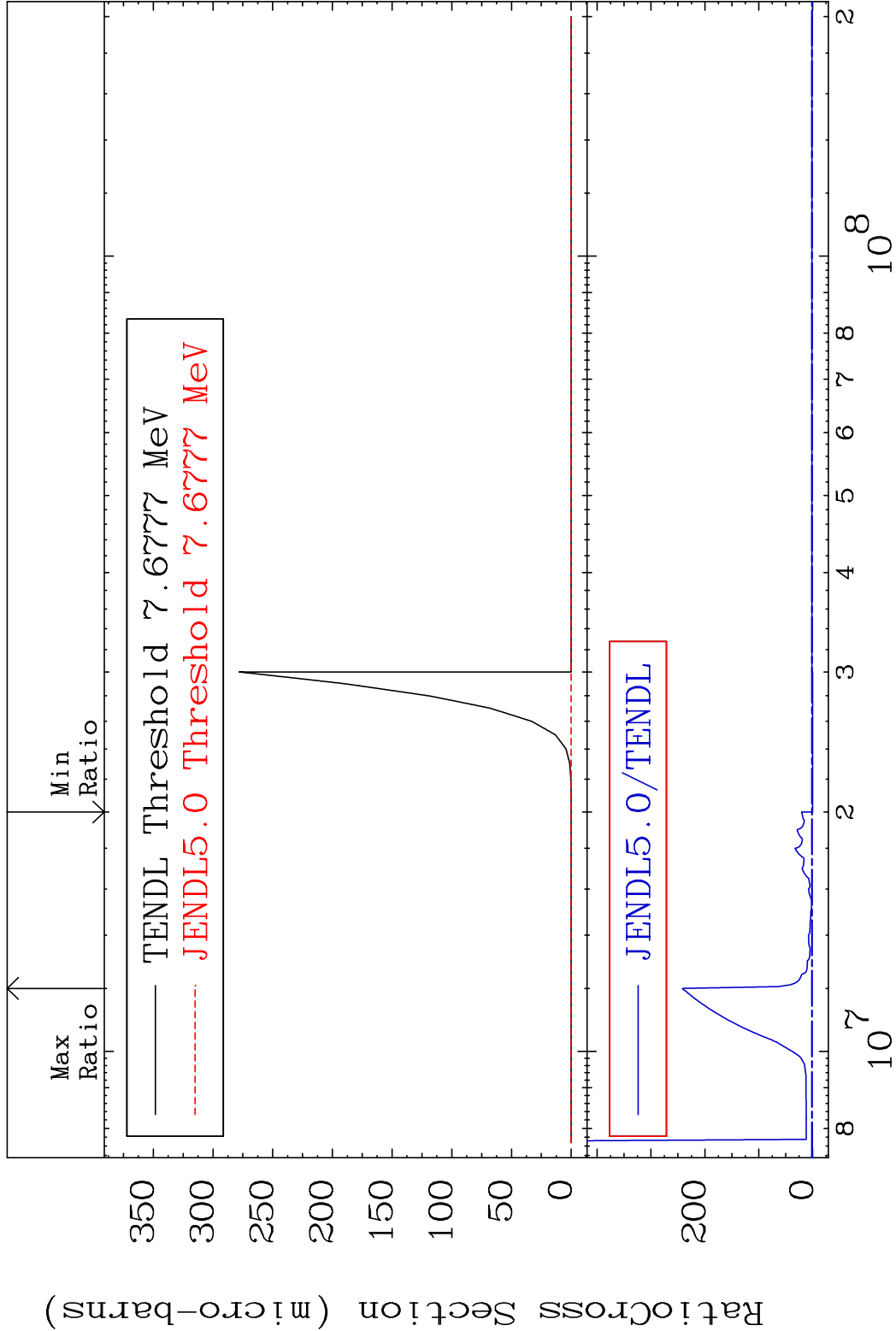


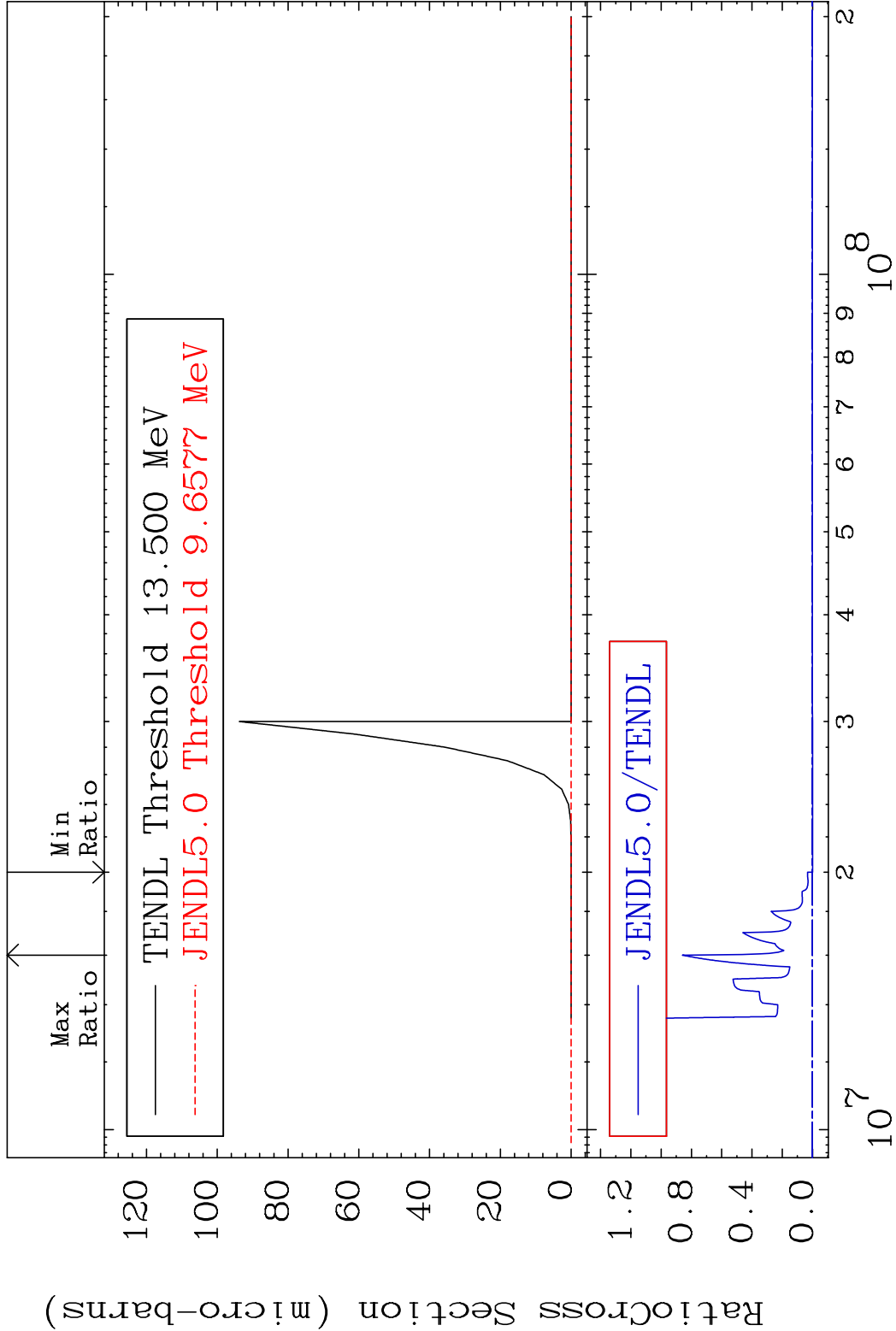




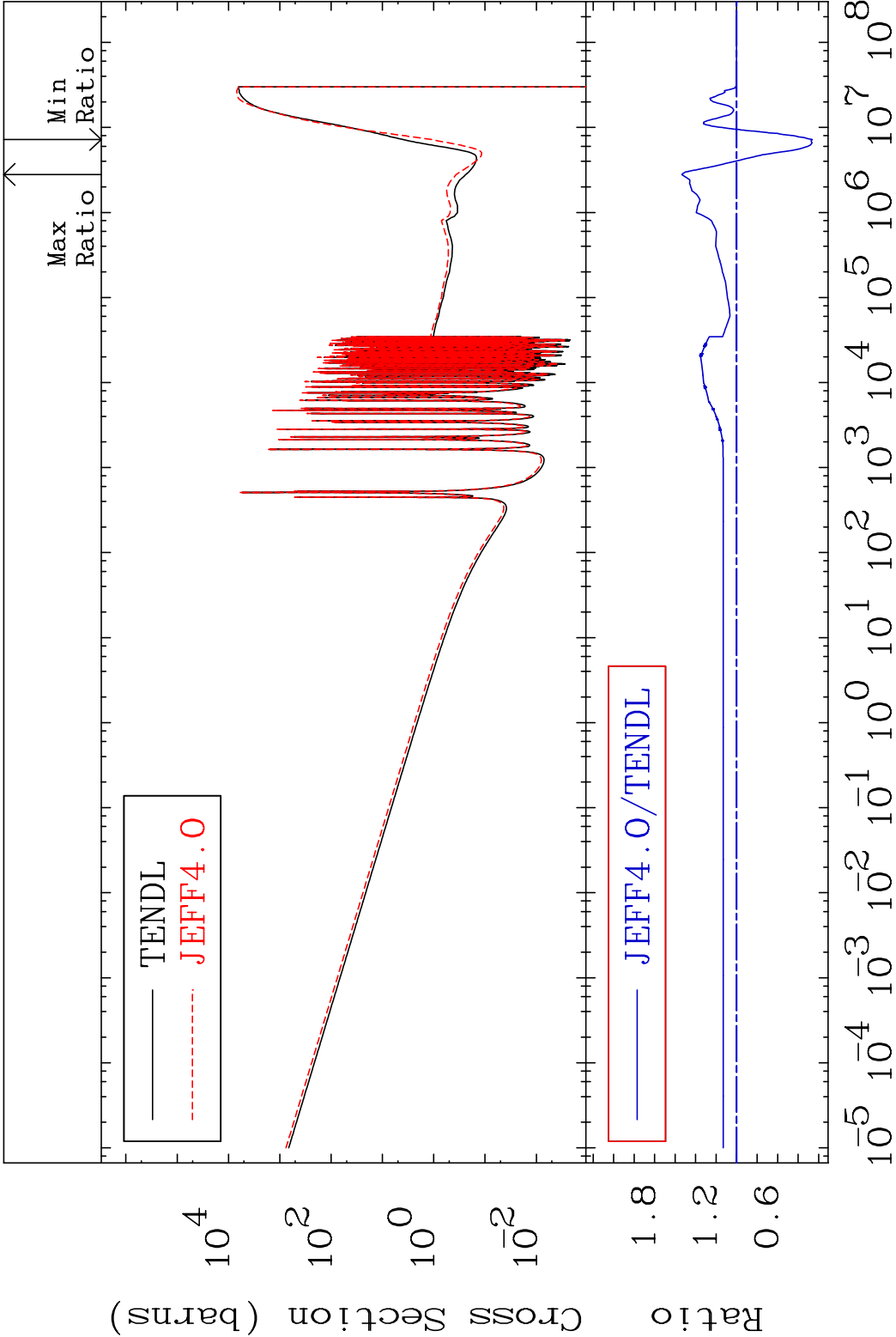




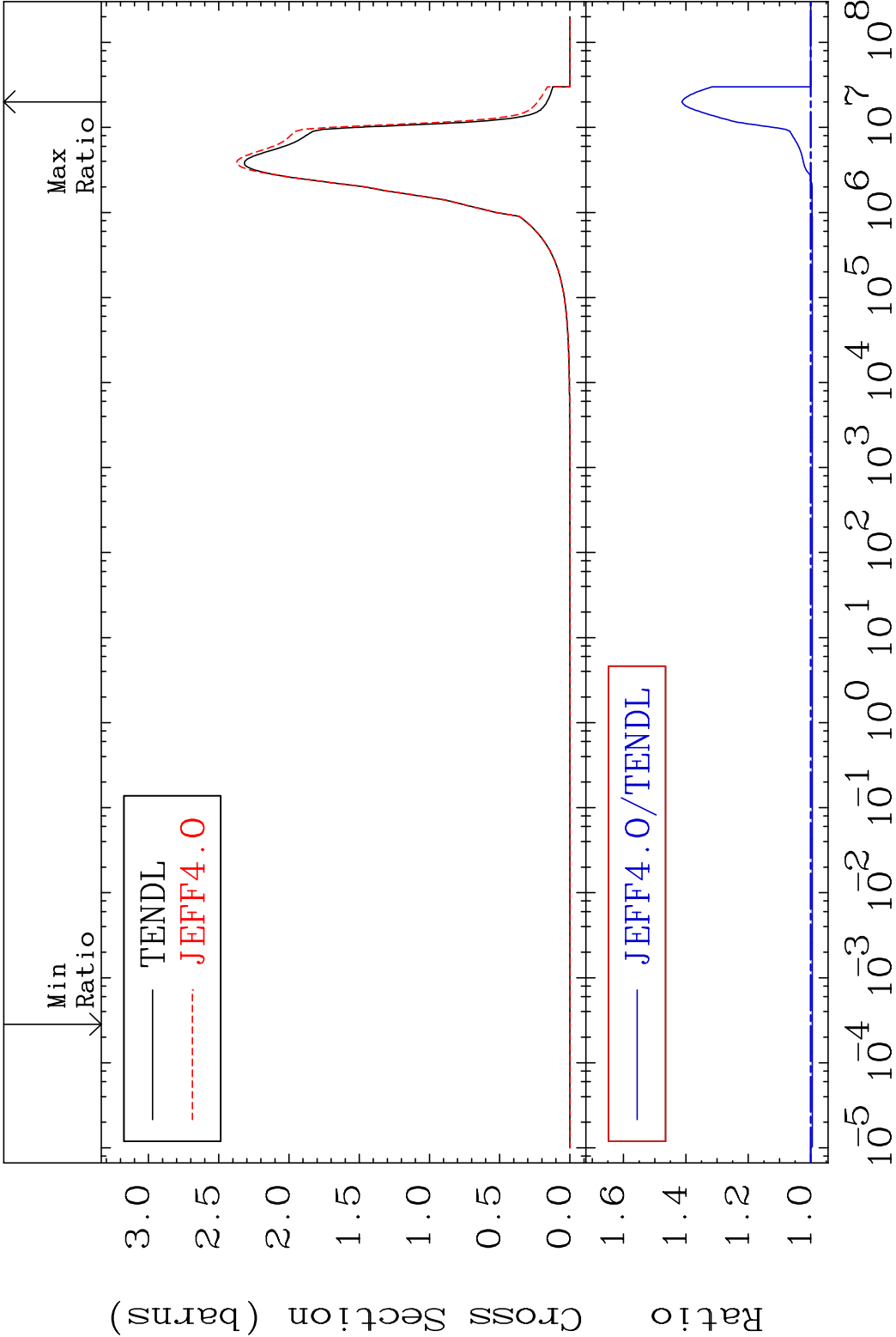




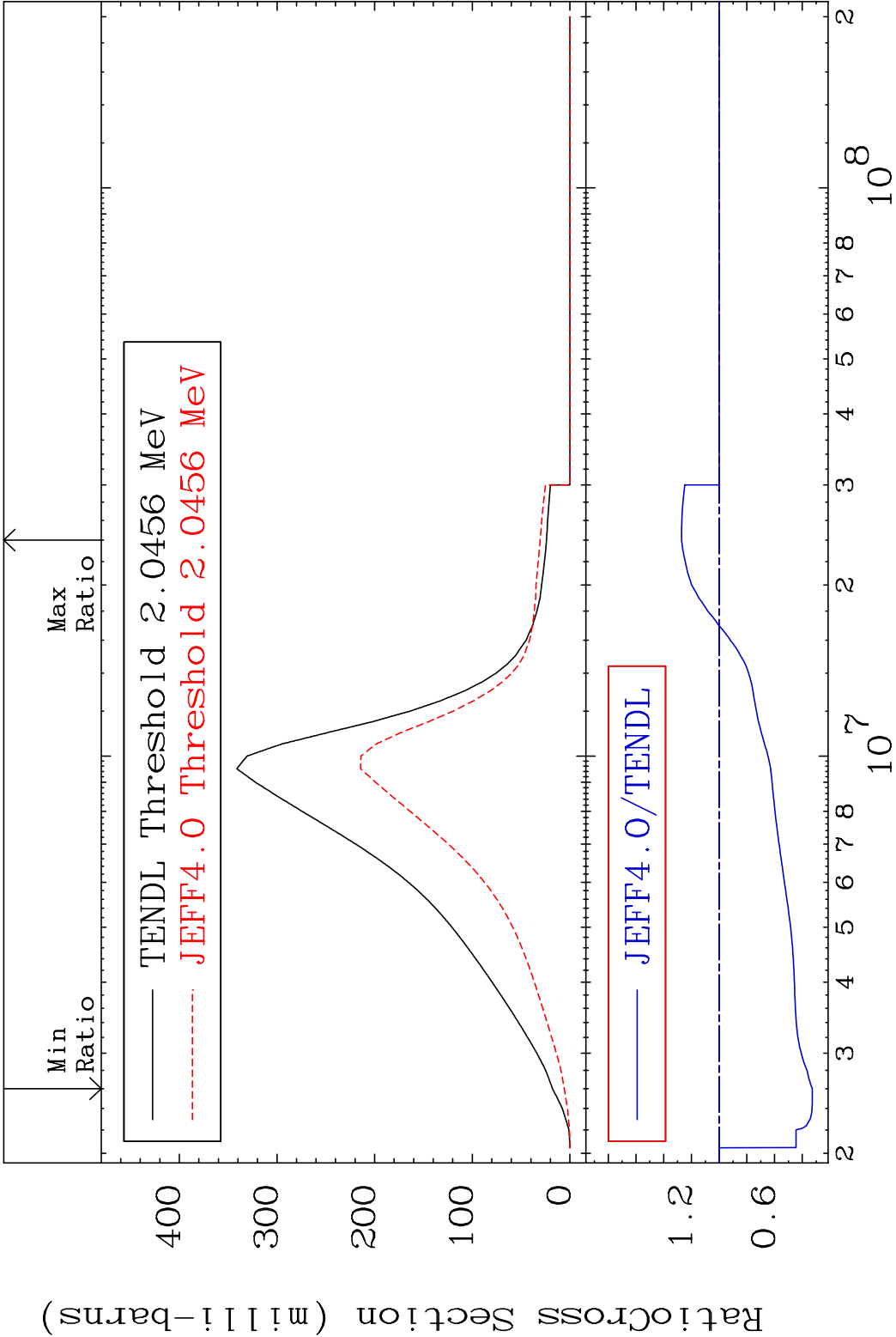
MAT 5643    Dpa disappearance (mt102 -120)    56-Ba-136  
Cross Section    -73.78 To 53.76 %

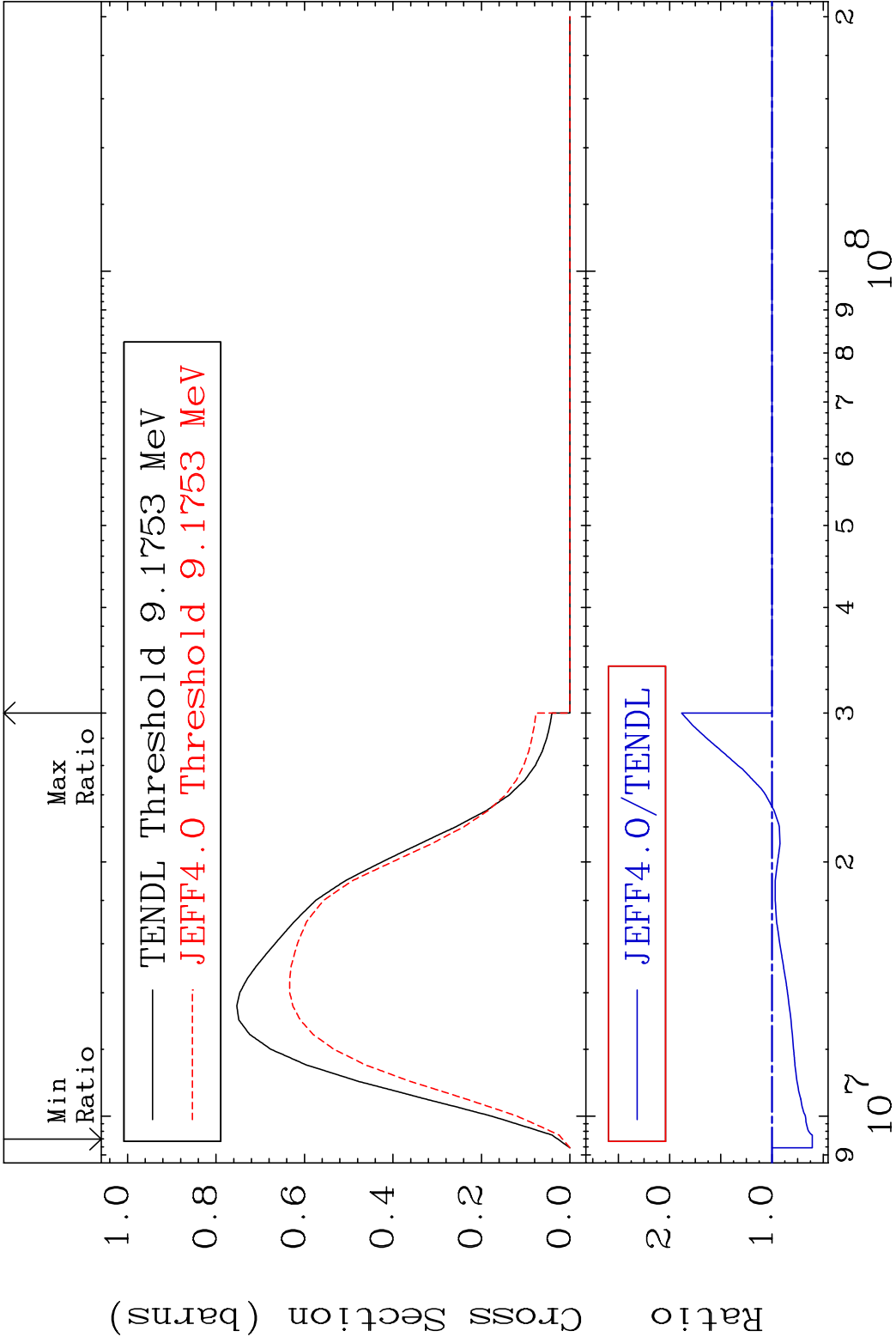


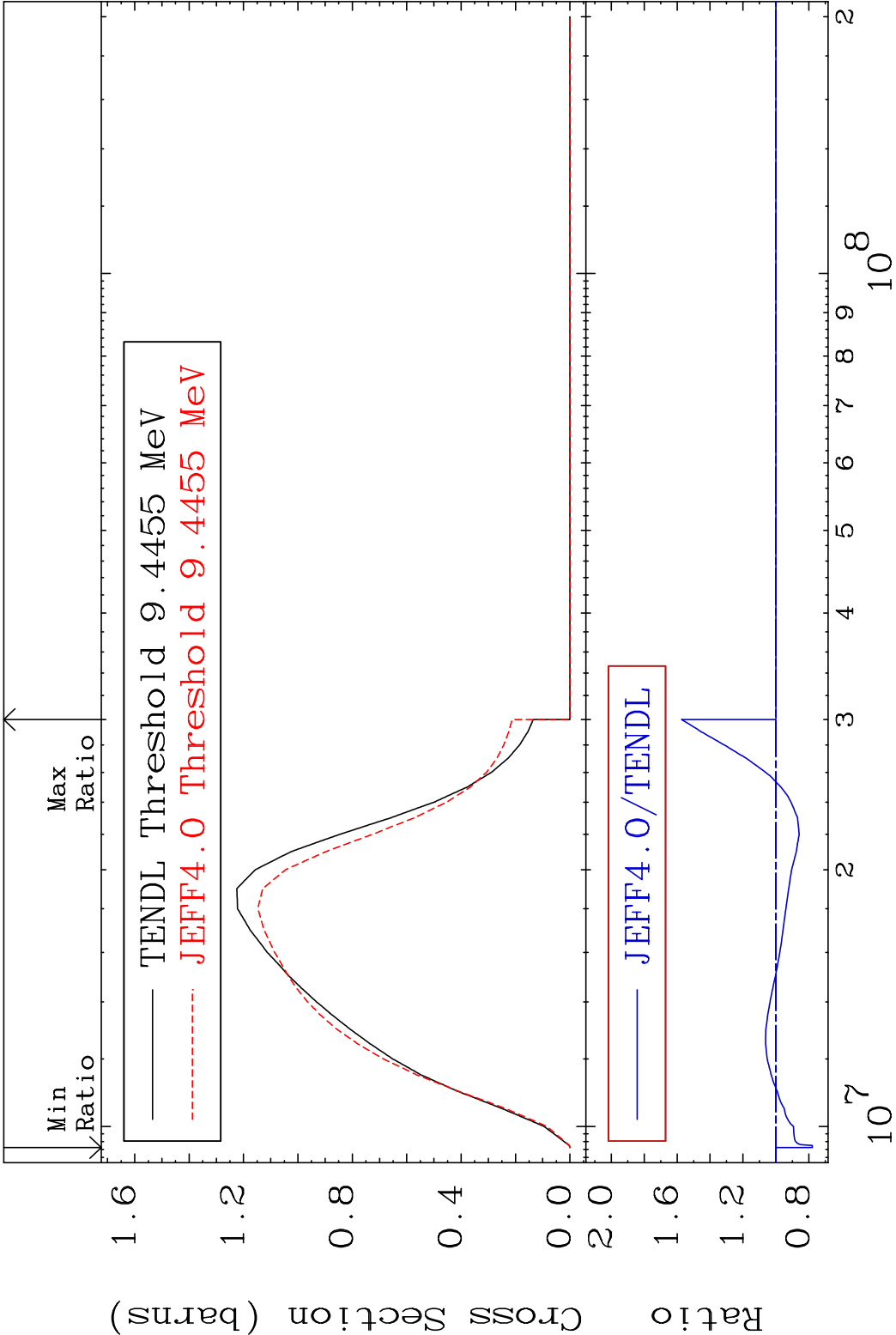
78    Incident Energy (eV)    56-Ba-136

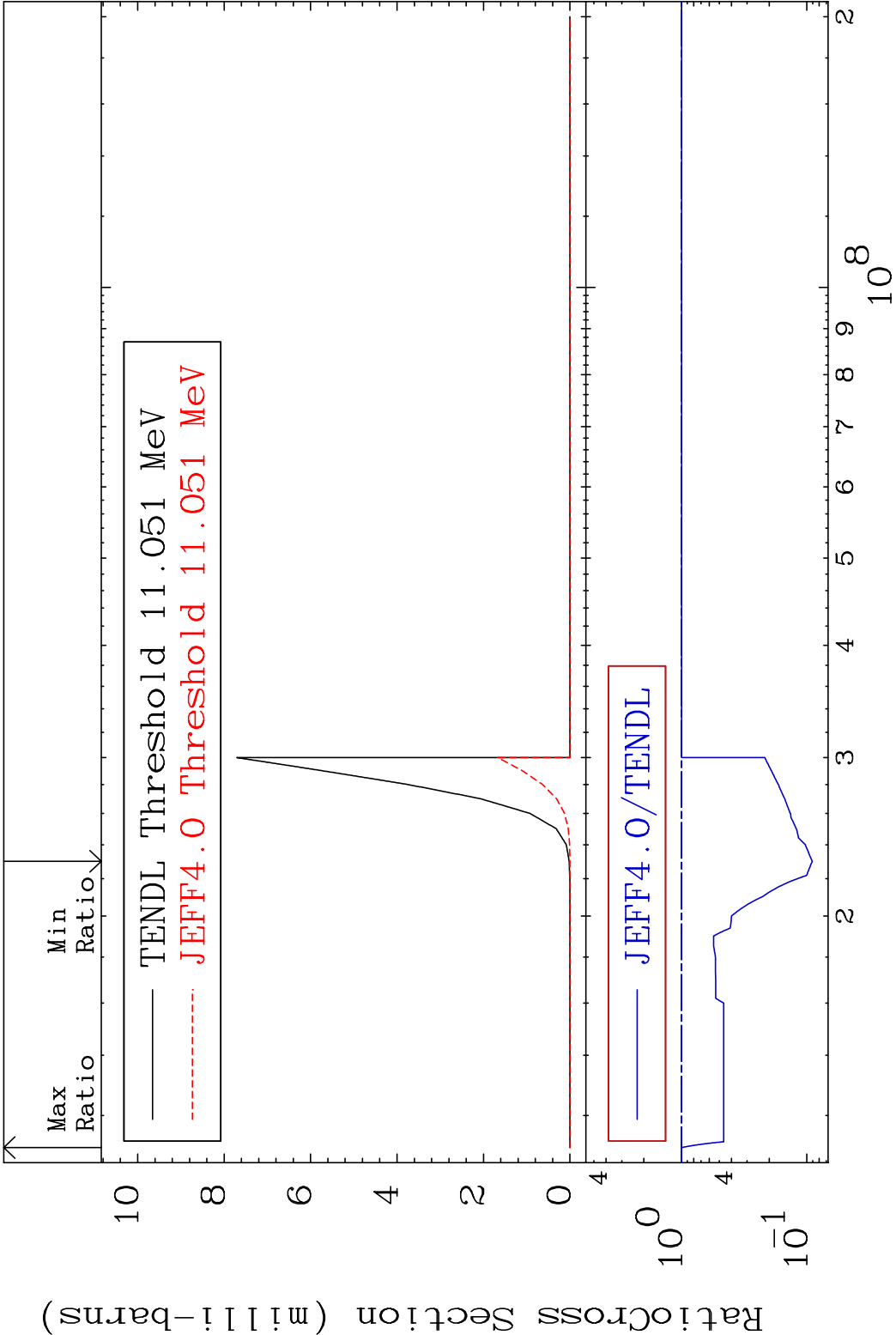


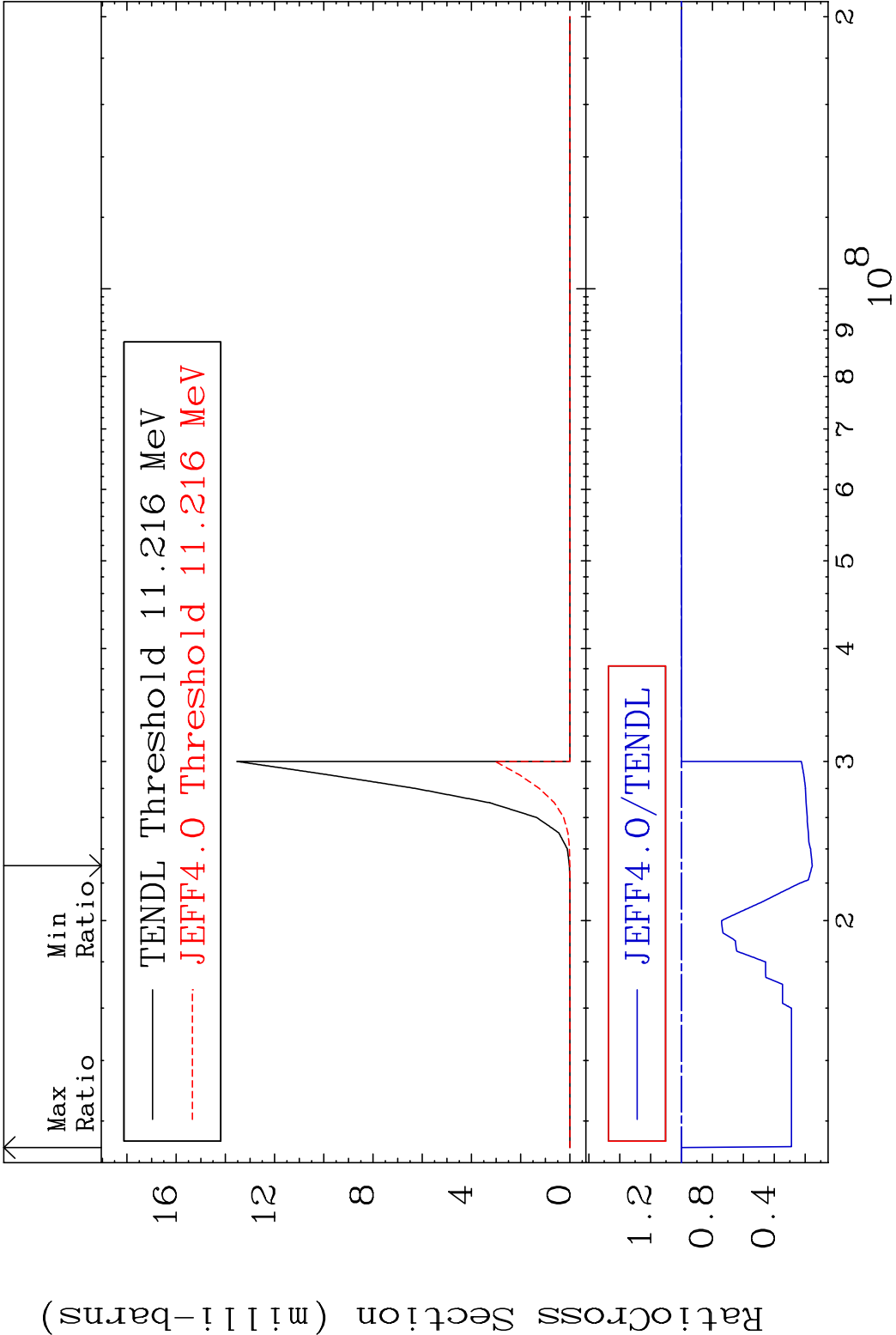


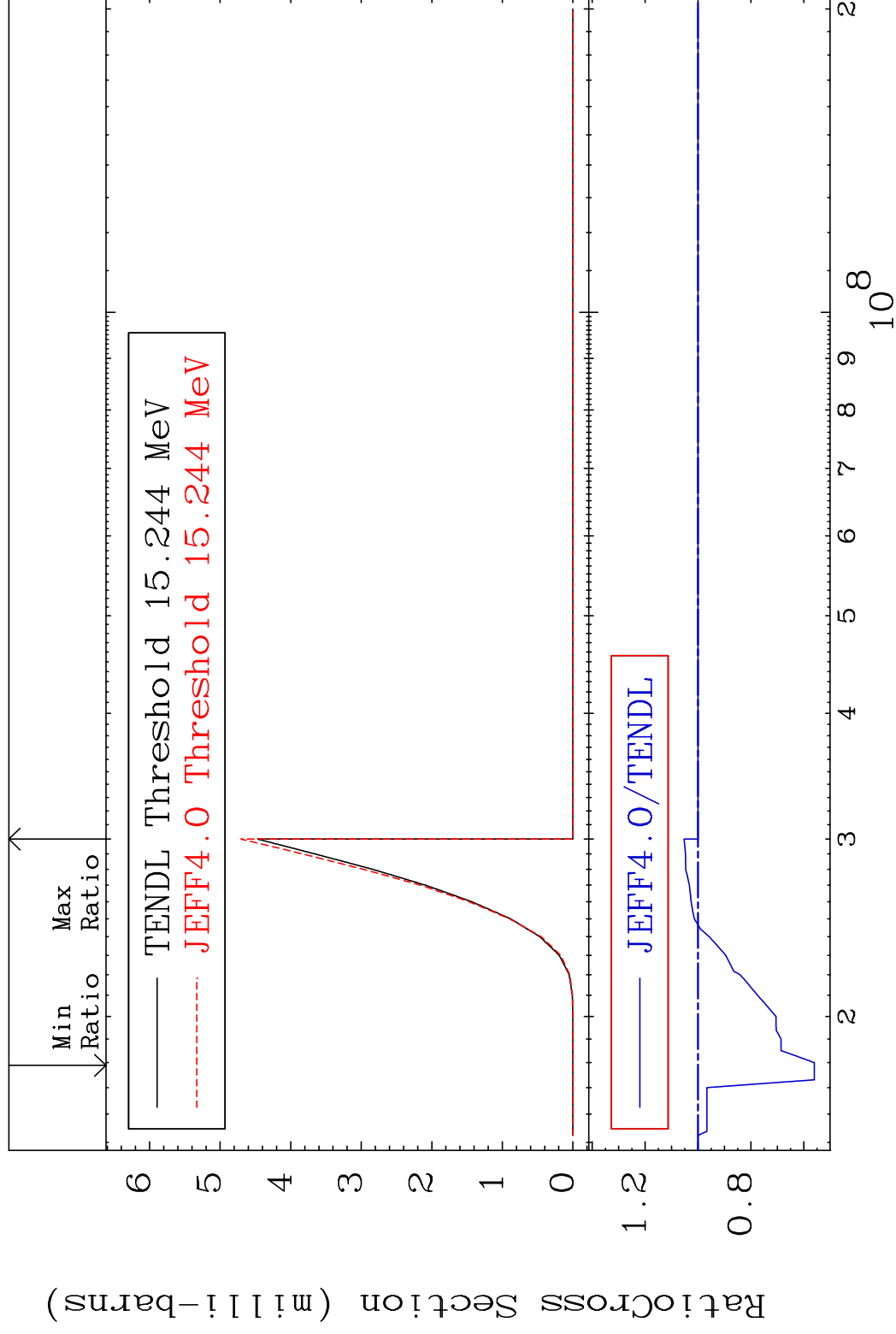


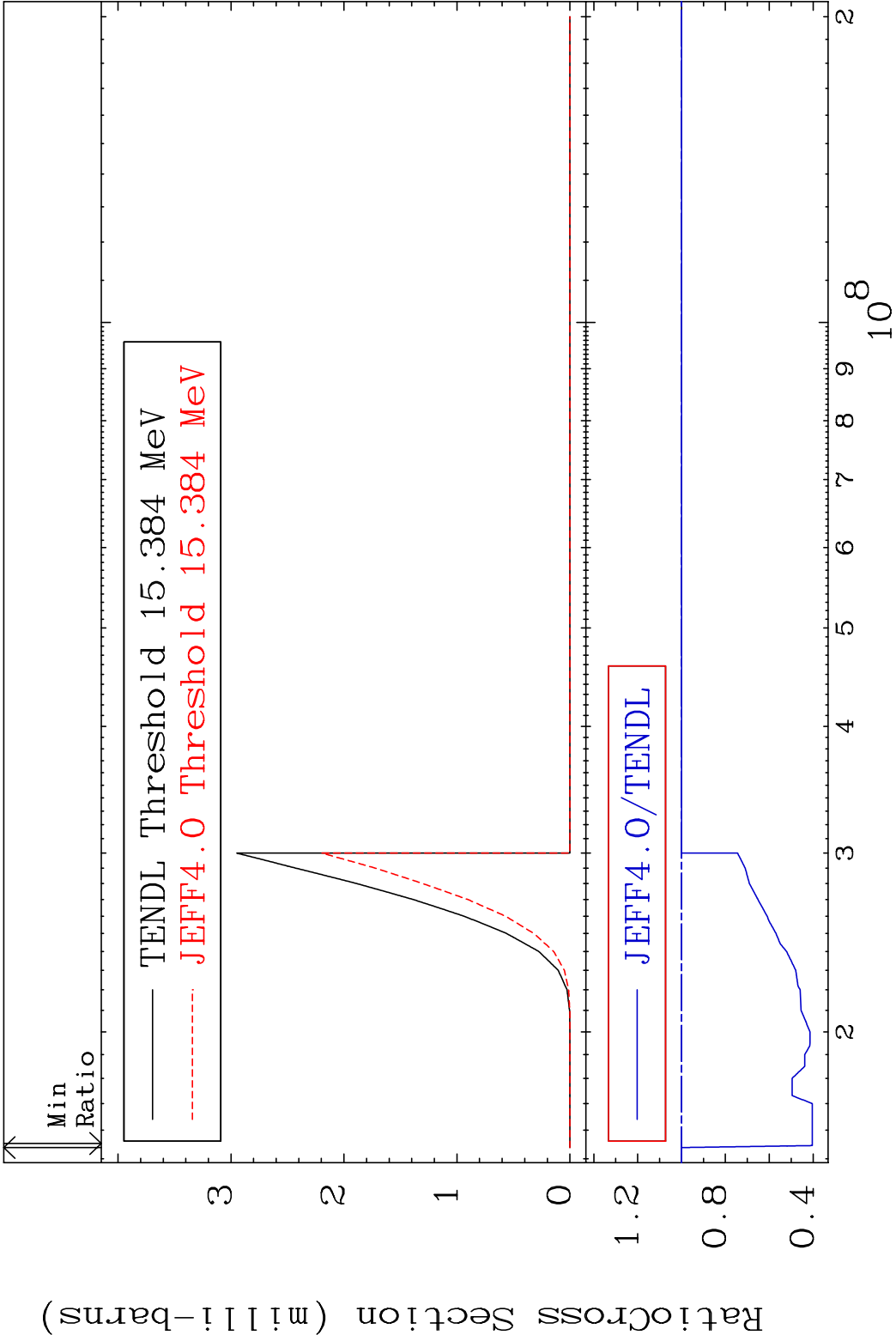


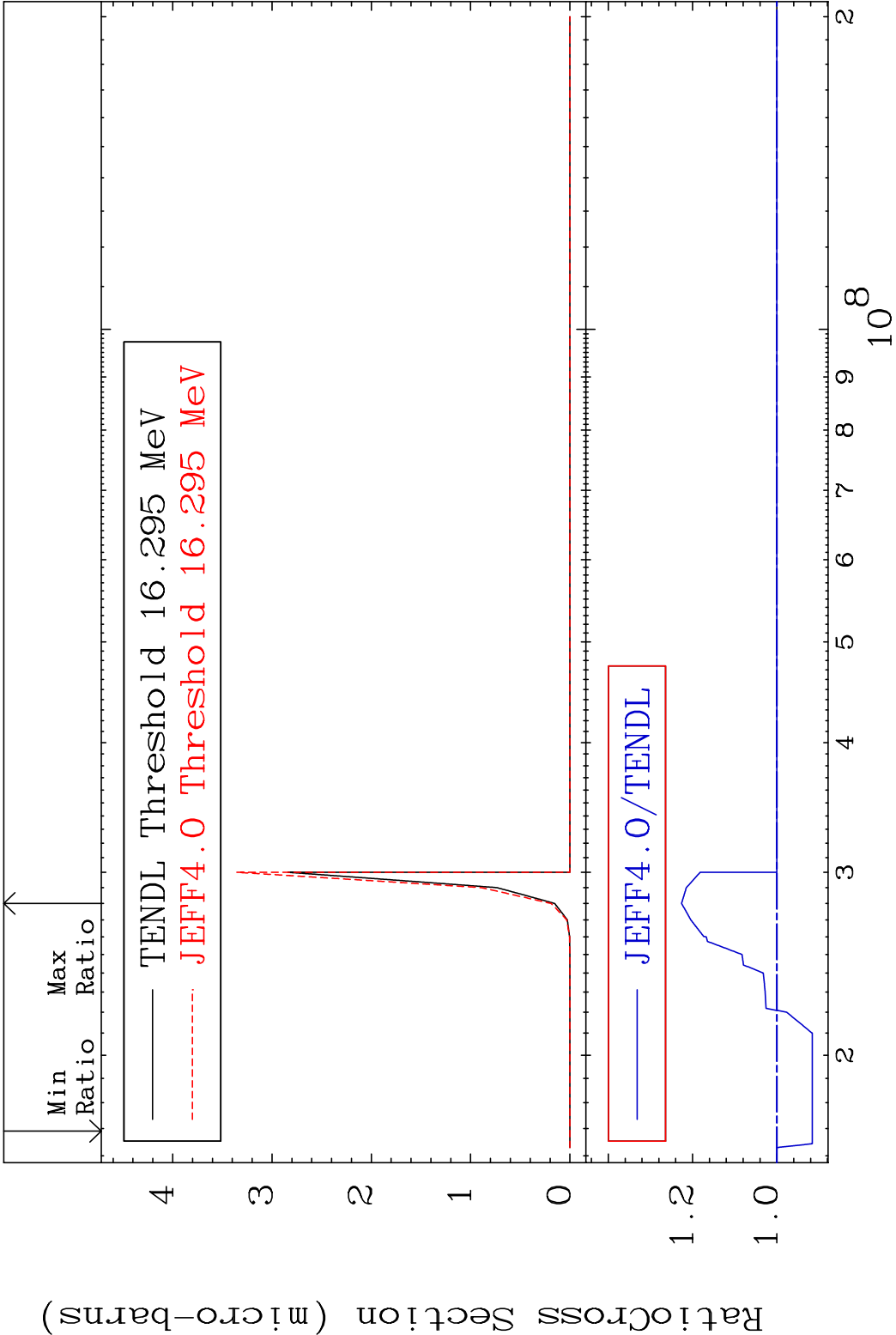




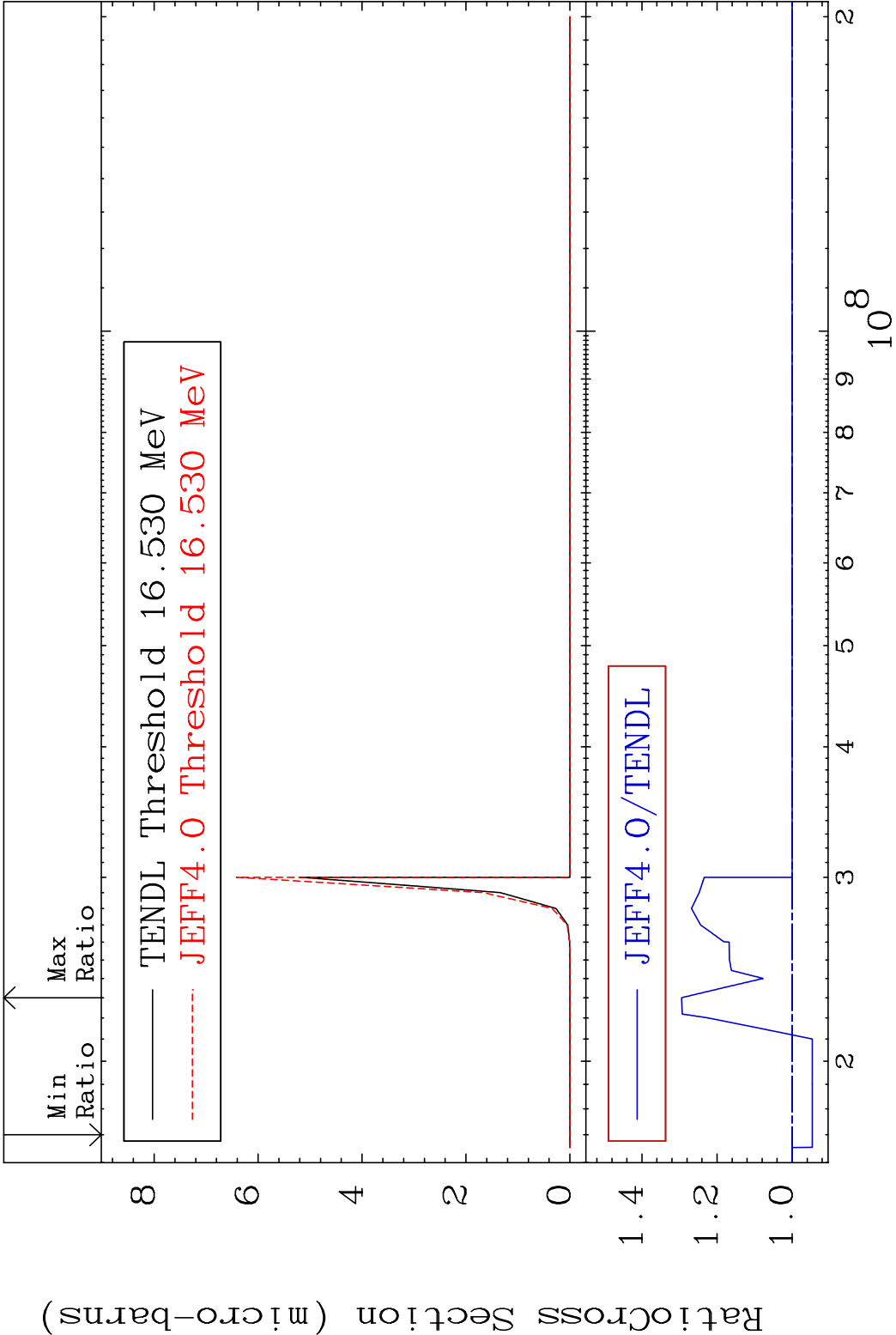


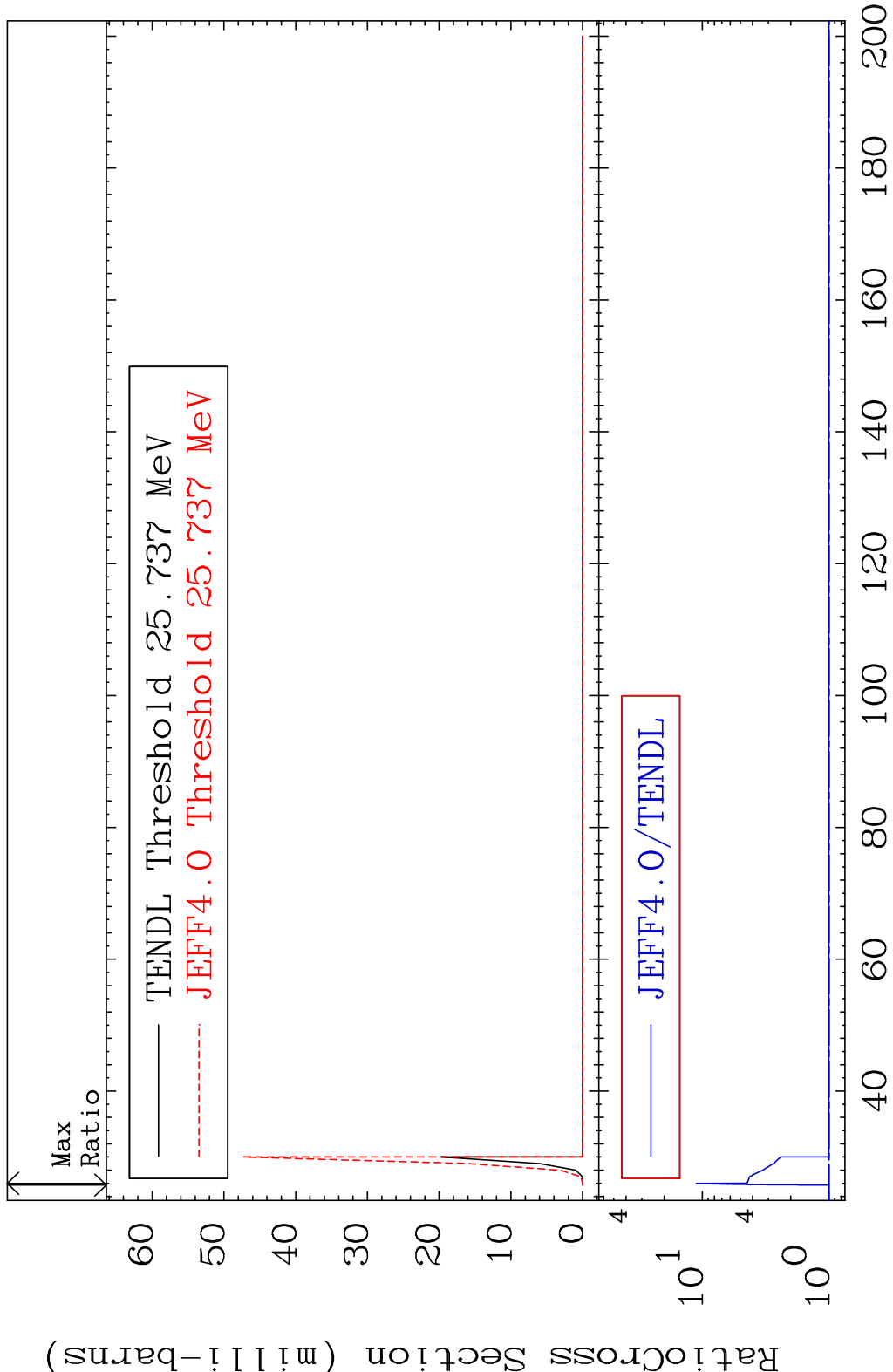


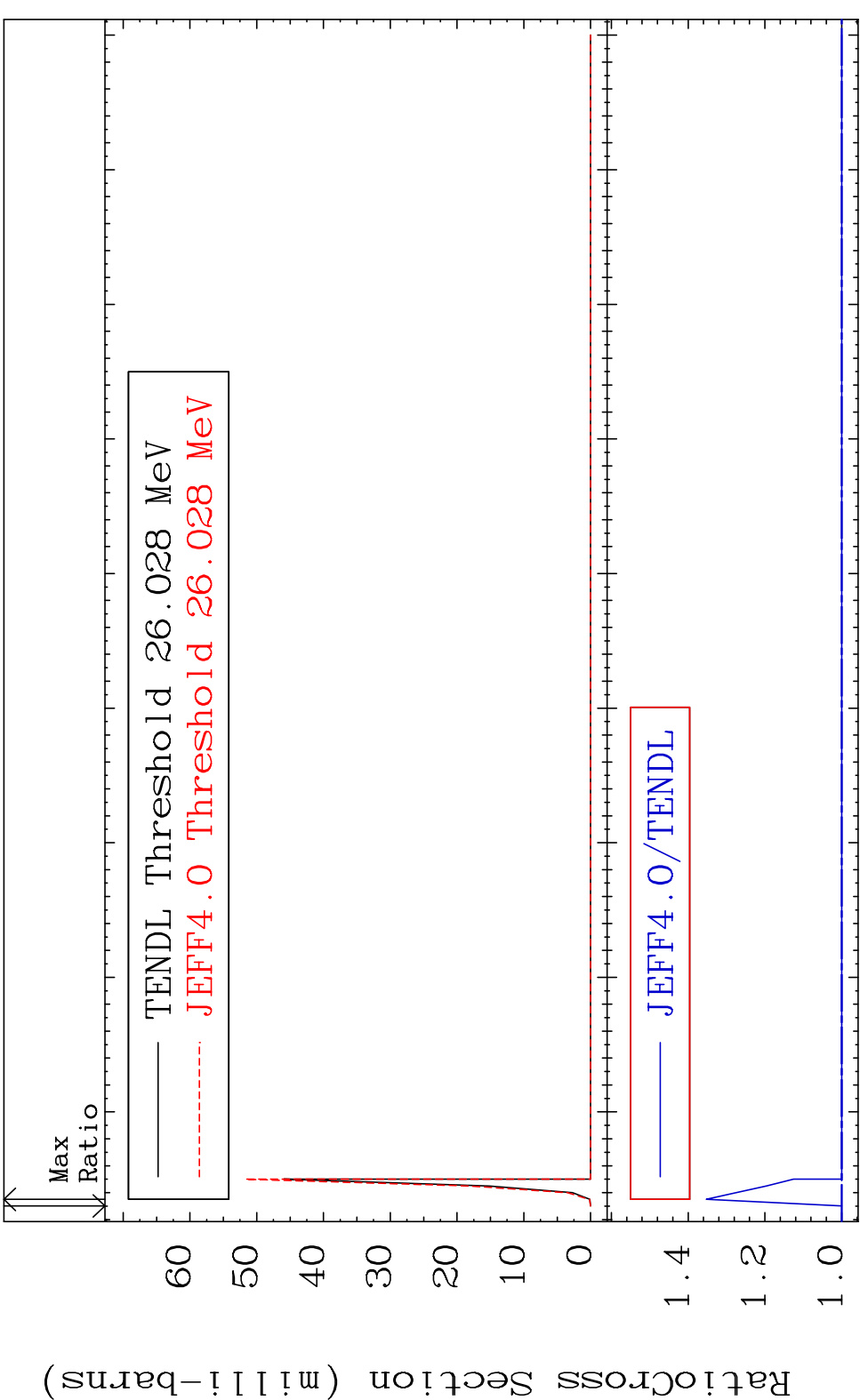


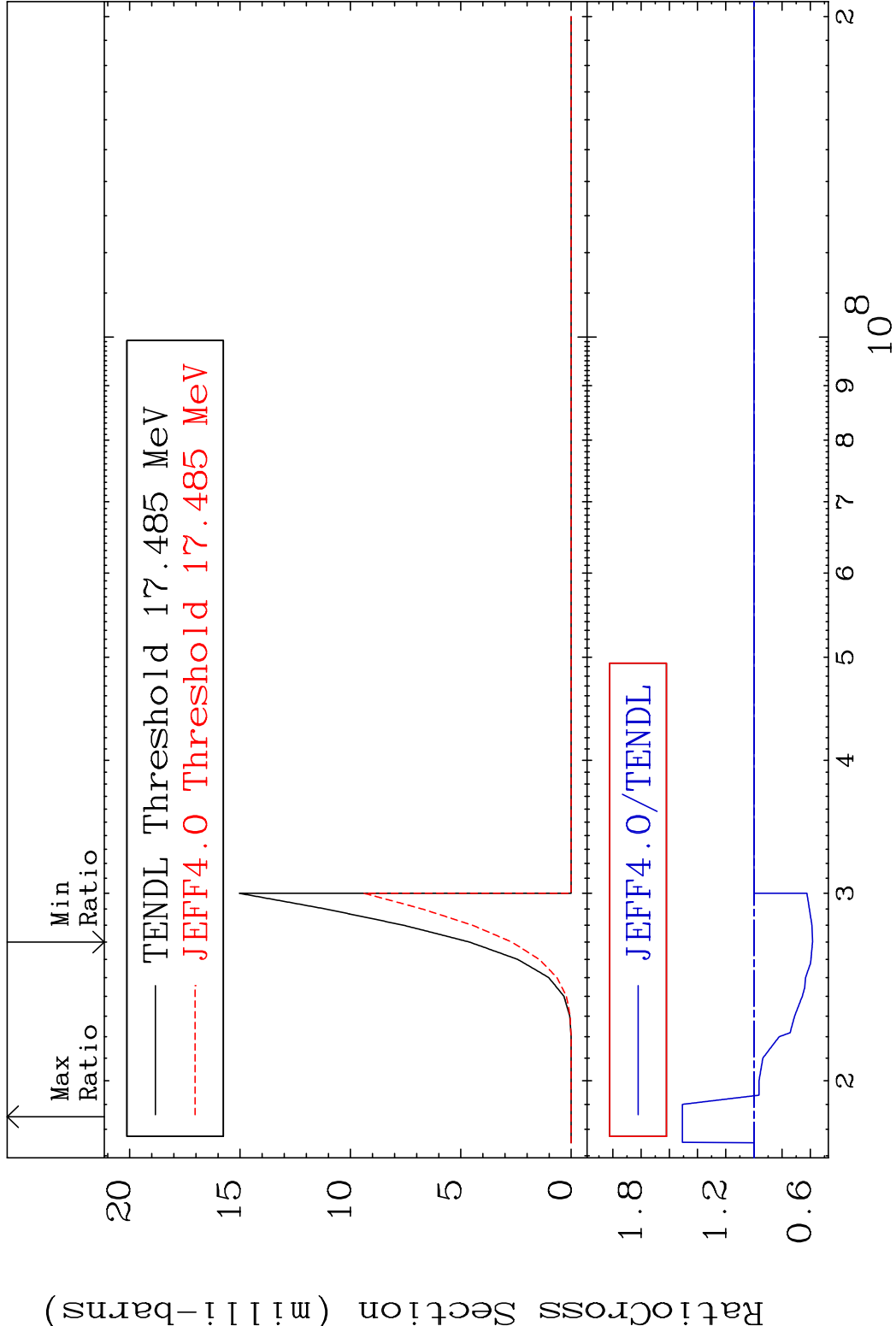


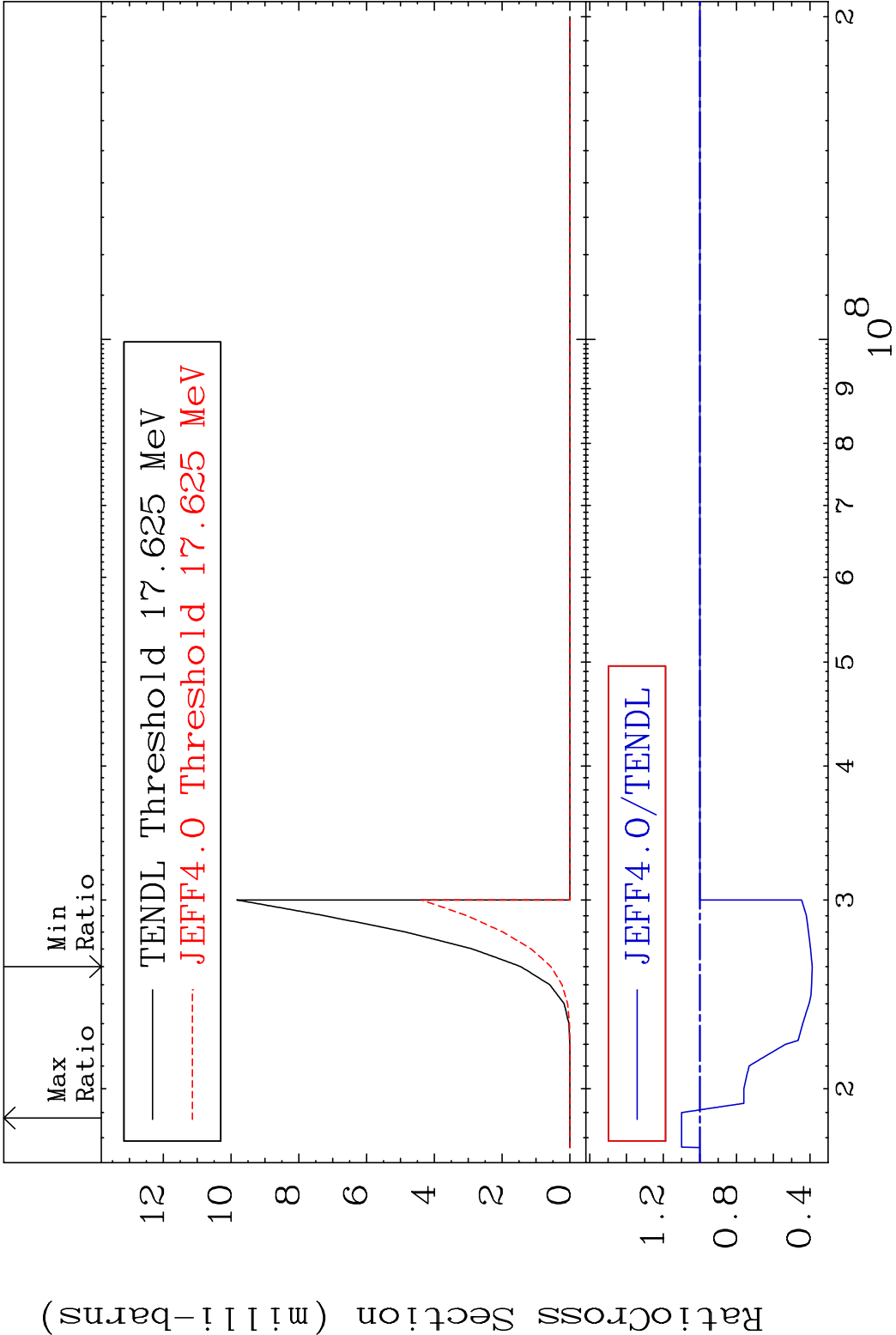


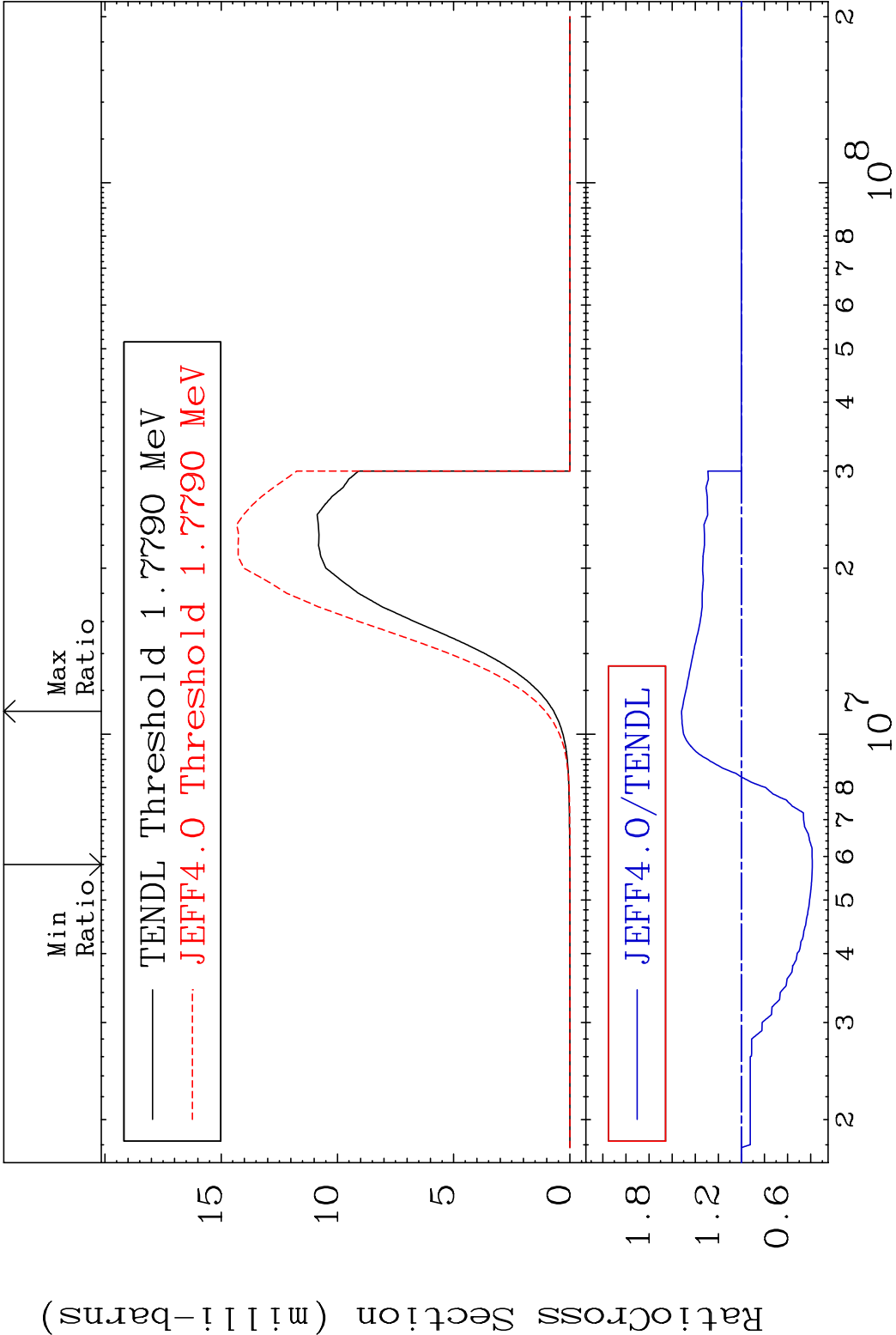


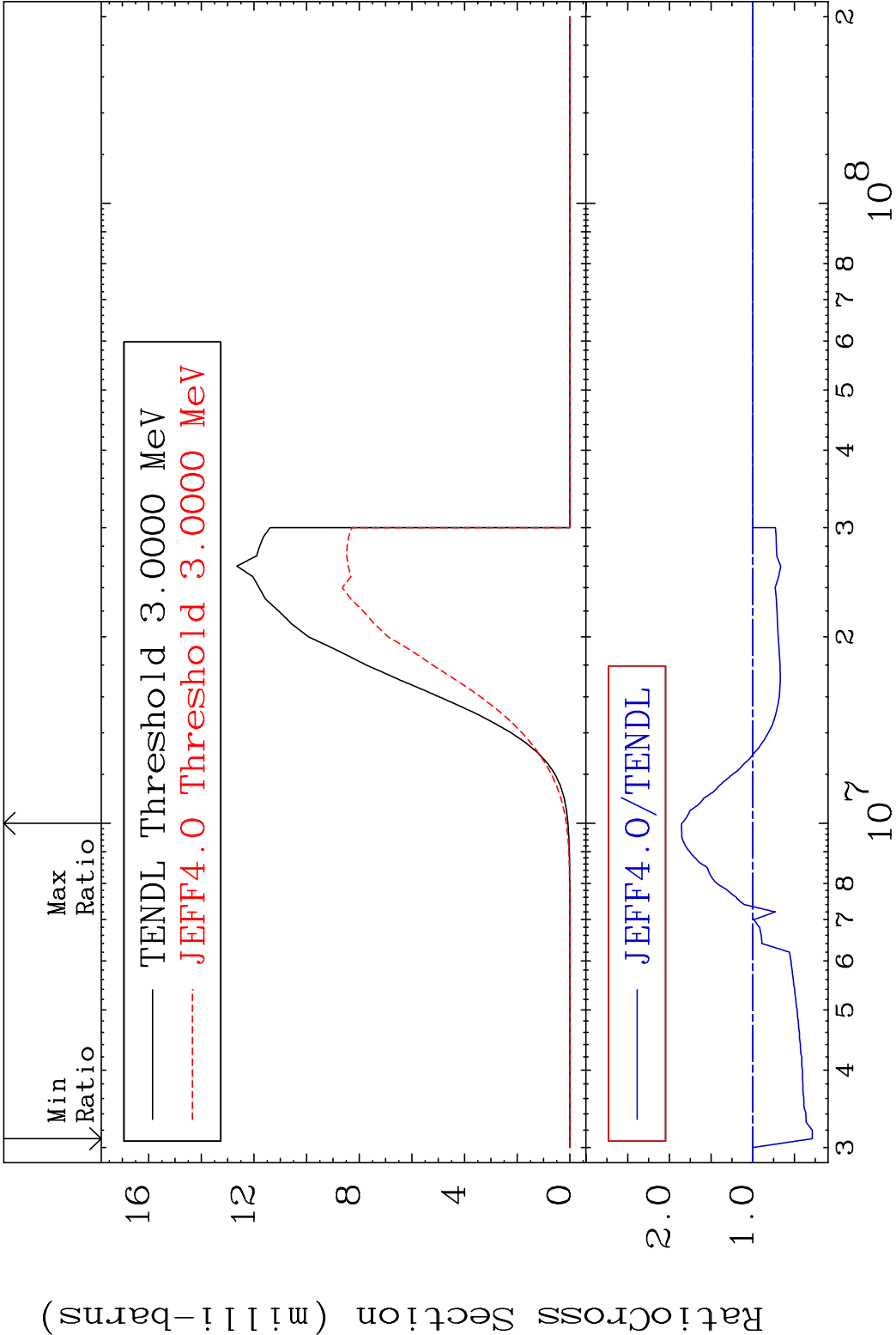


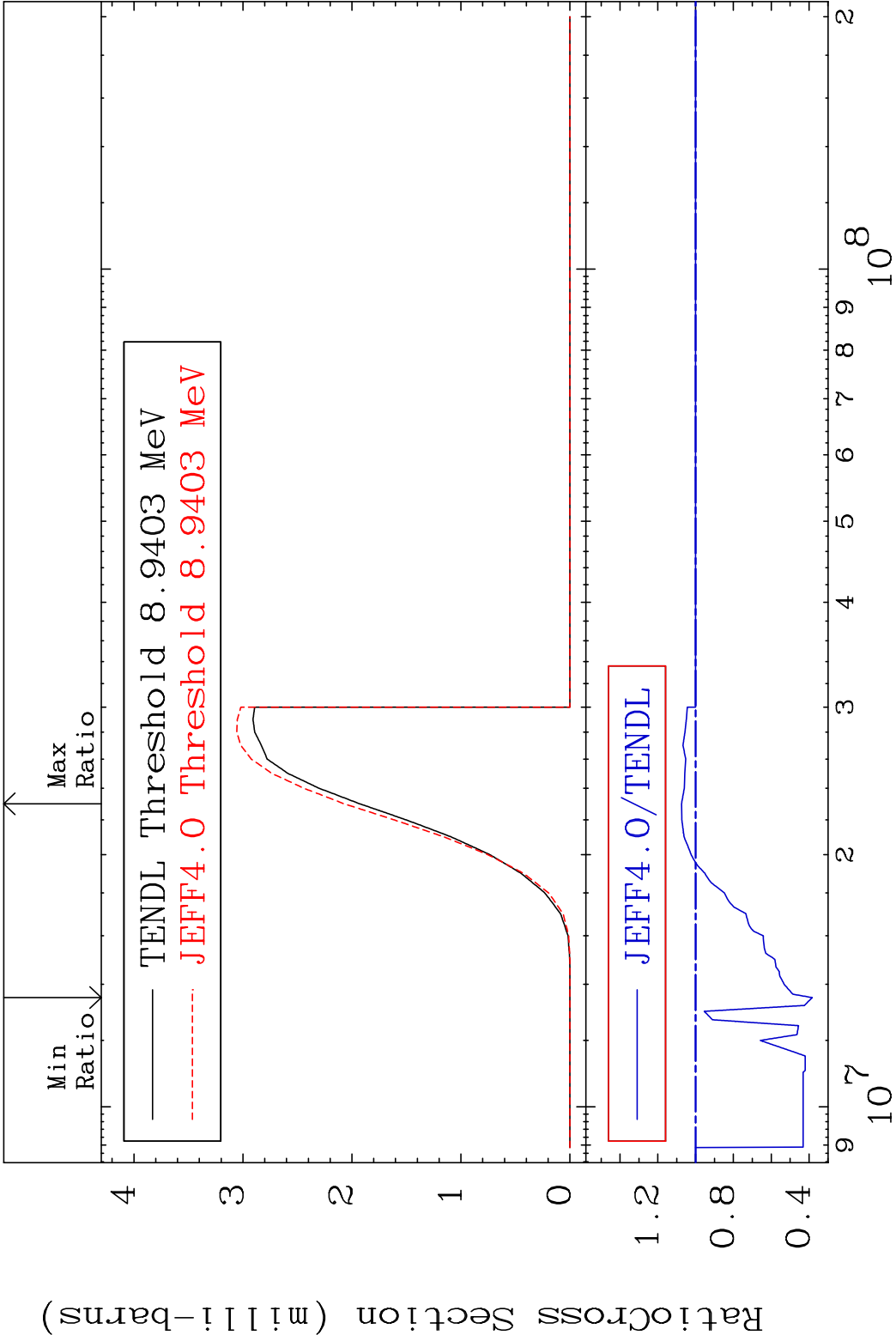




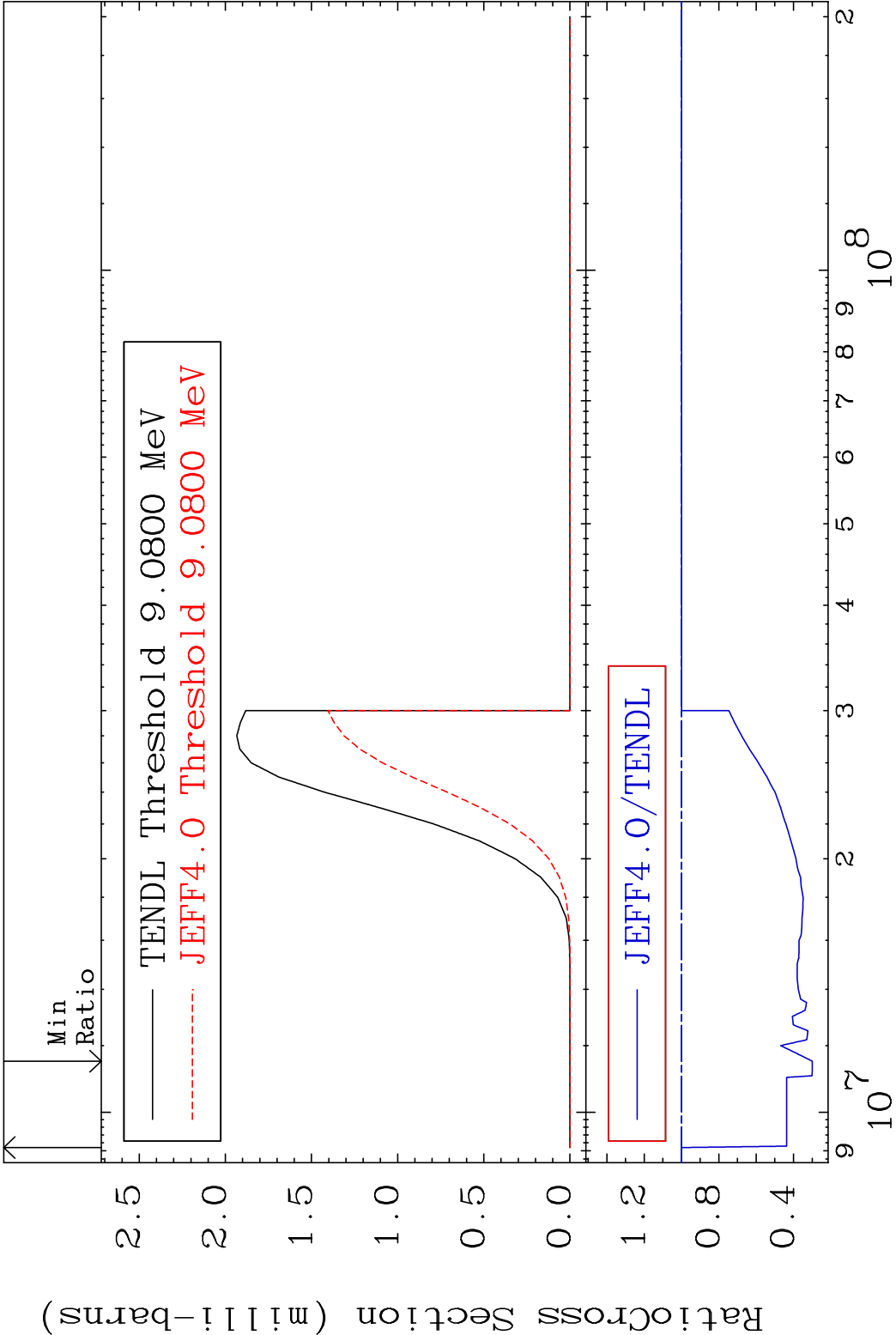


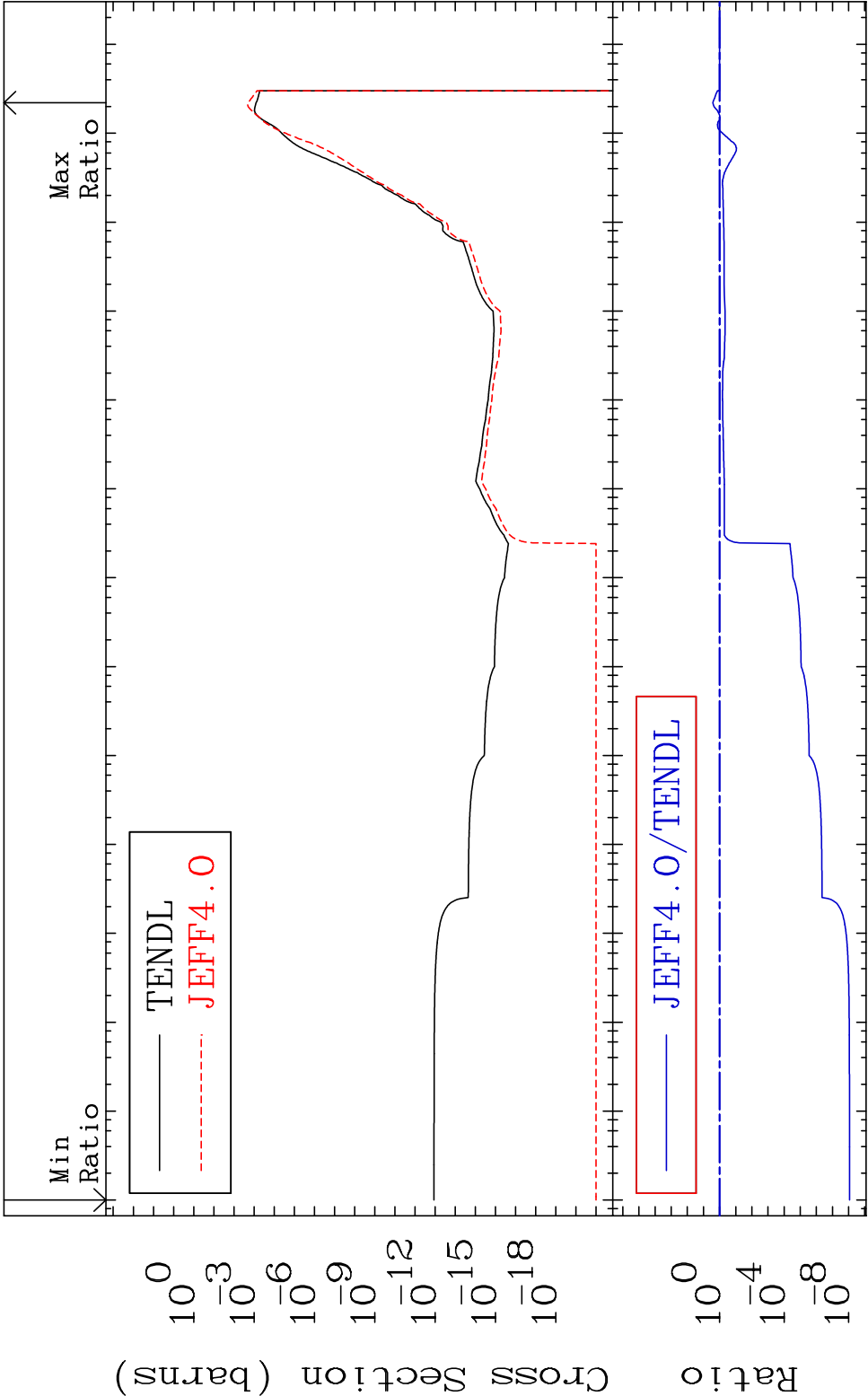


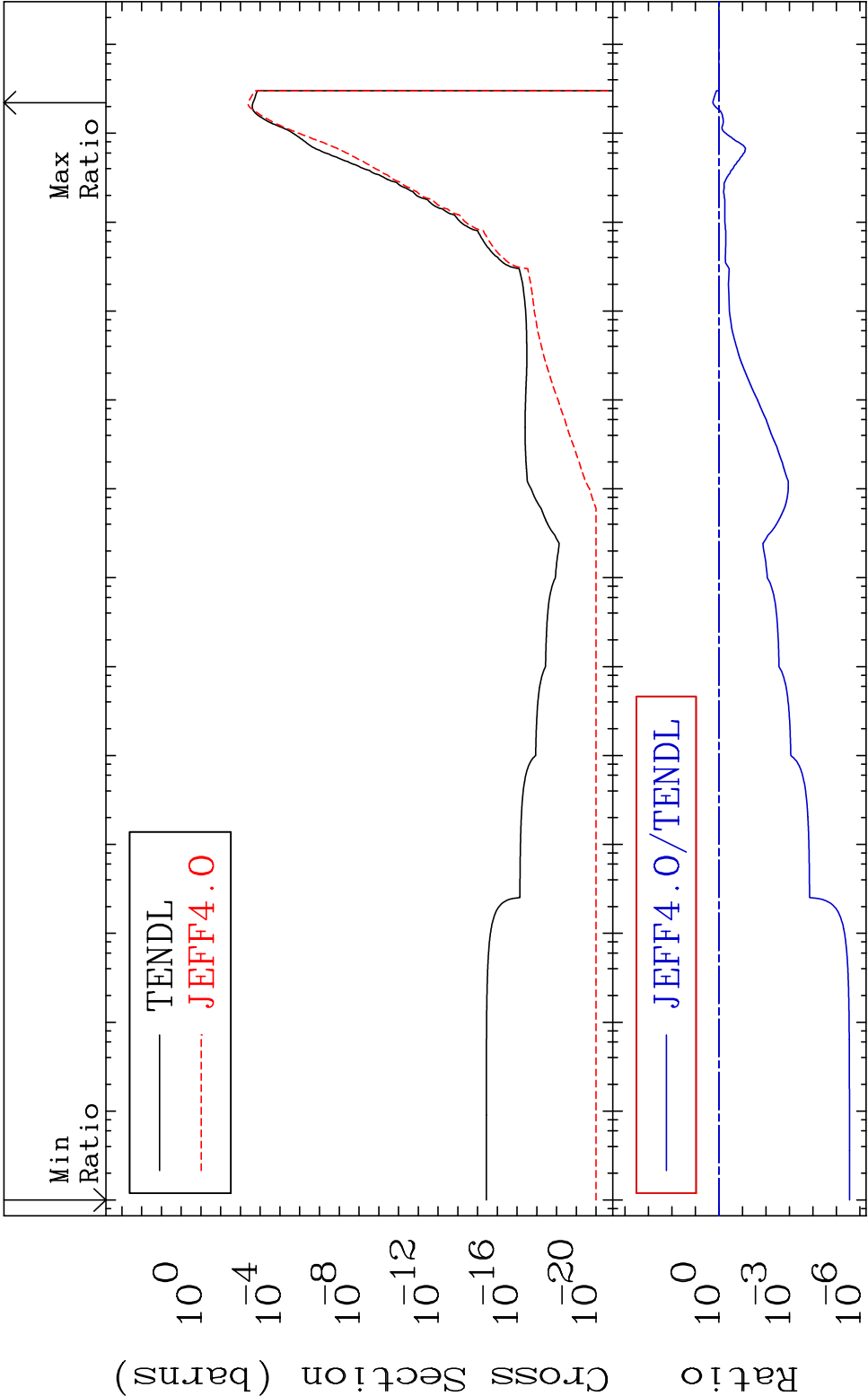


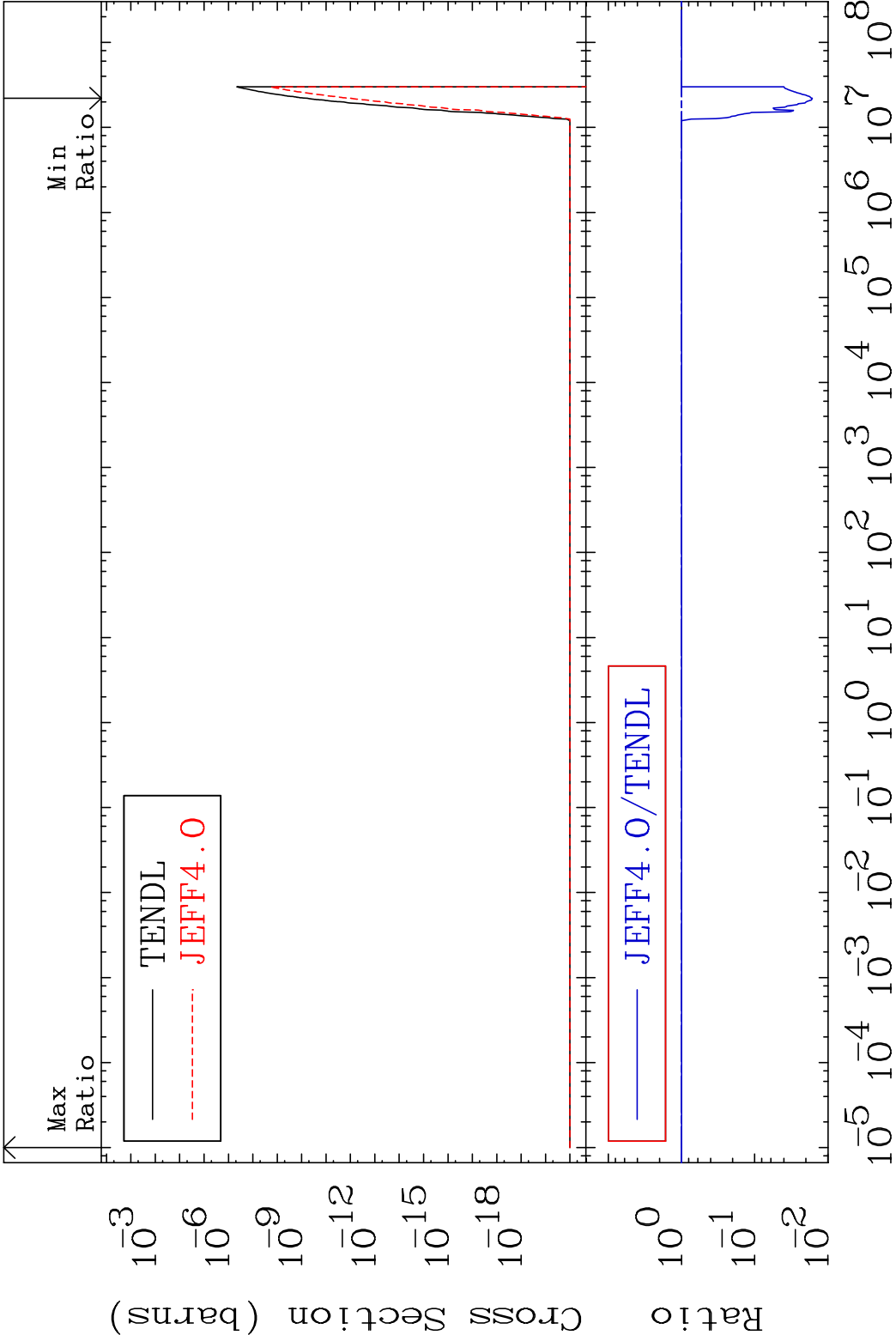


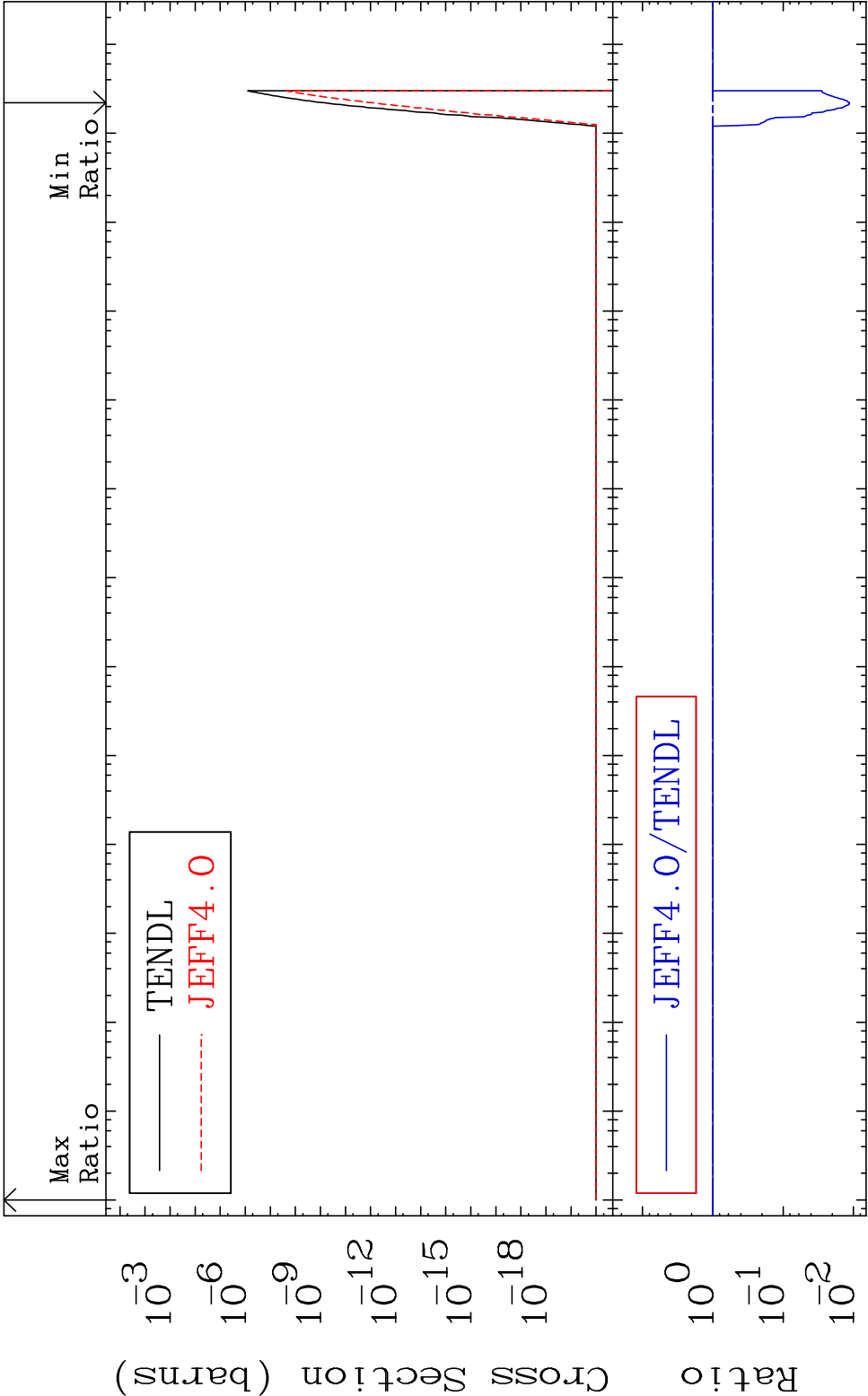


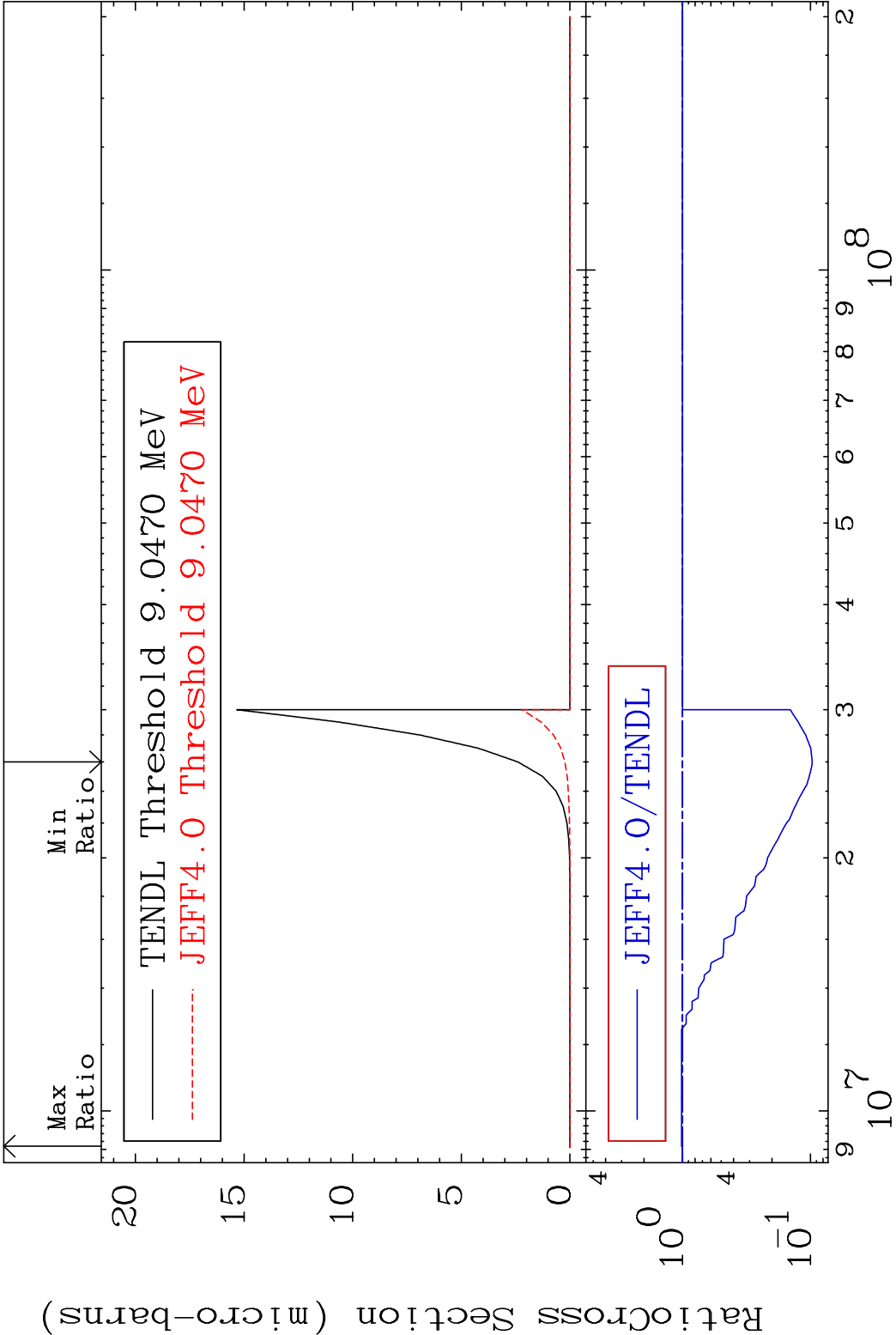


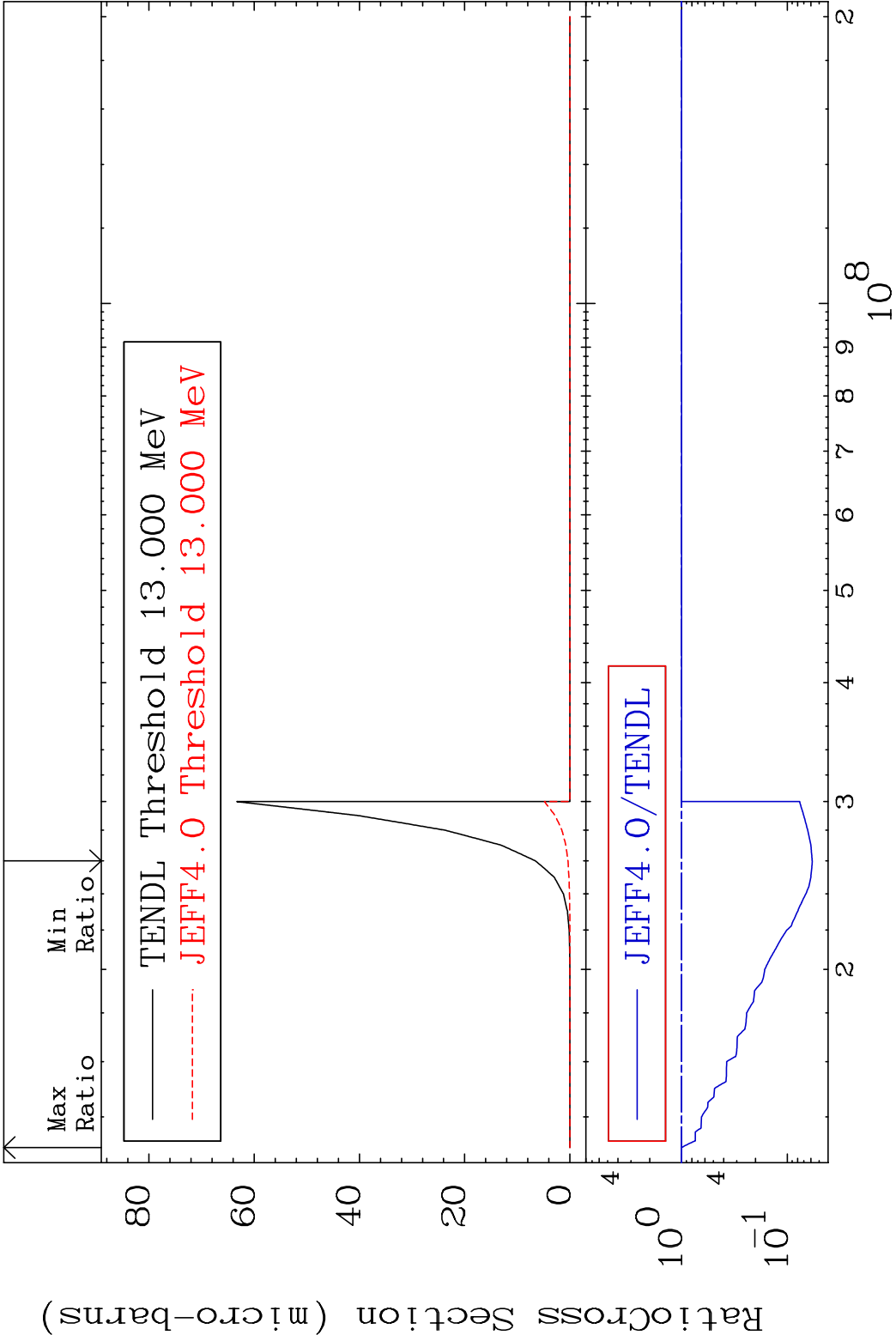












Radionuclide Production Cross Section (micro-barns)

