

Program Complot  
(Version 2021-1)

by

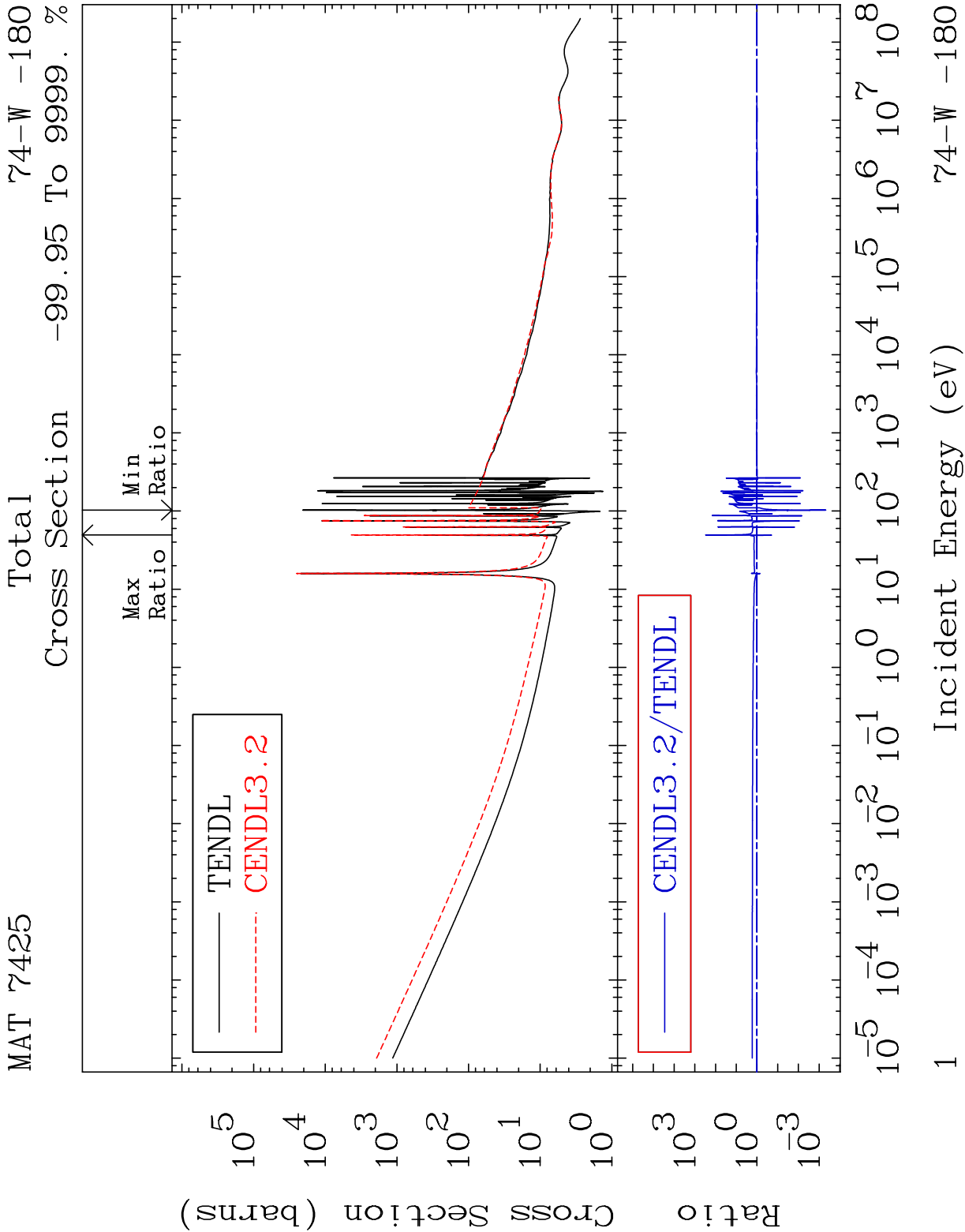
Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

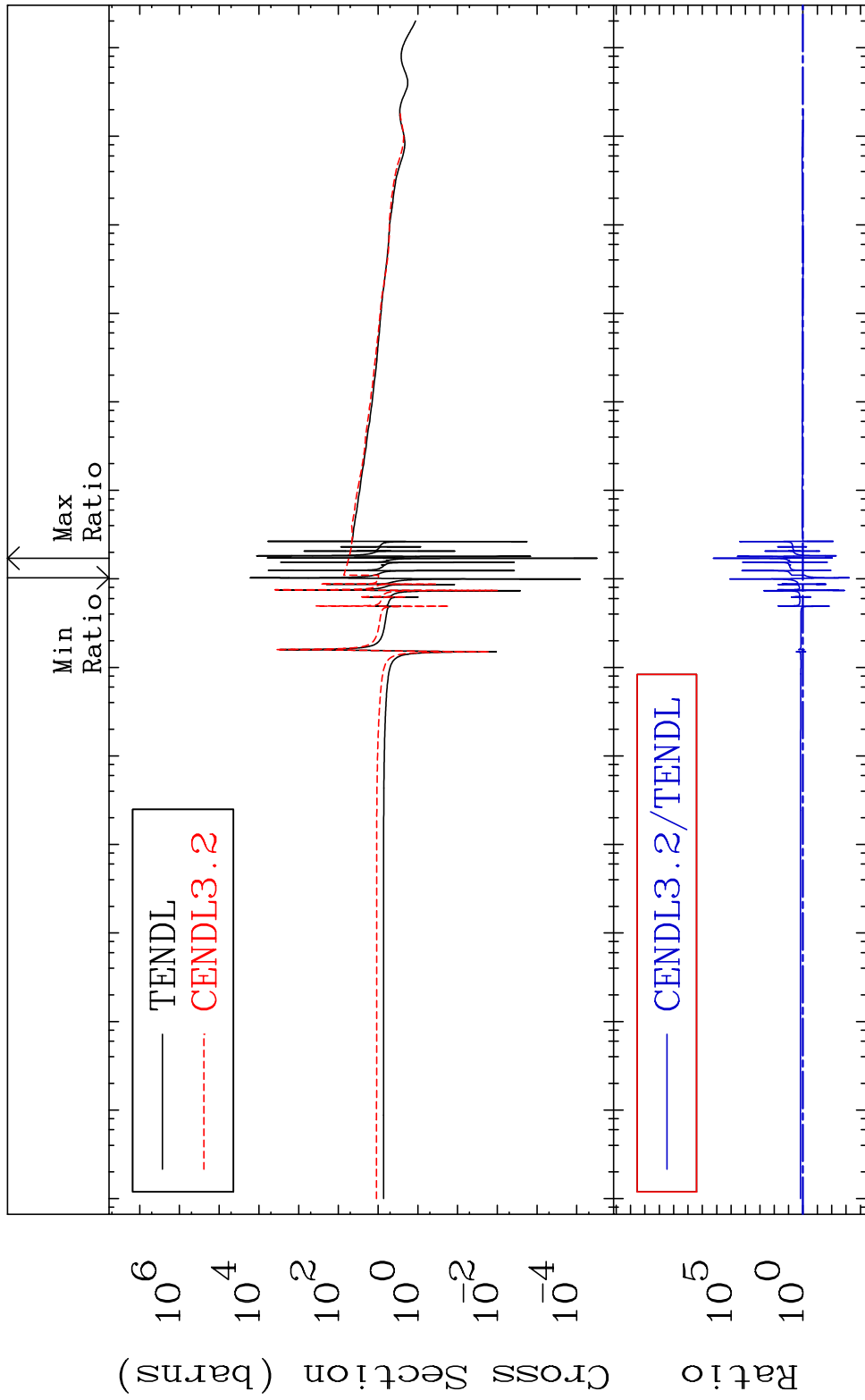


MAT 7425

Elastic

74-W -180

Cross Section -99.94 To 9999. %

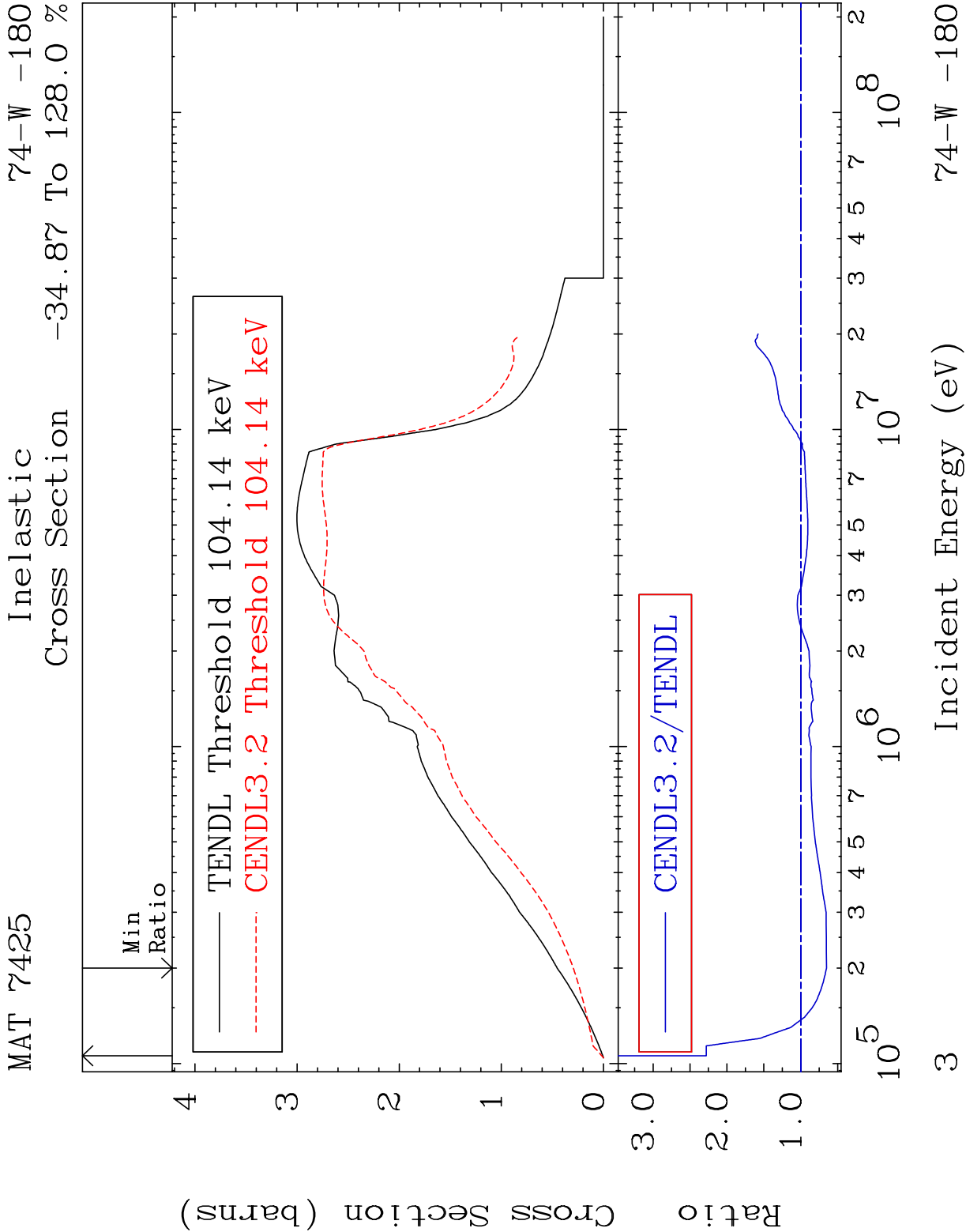


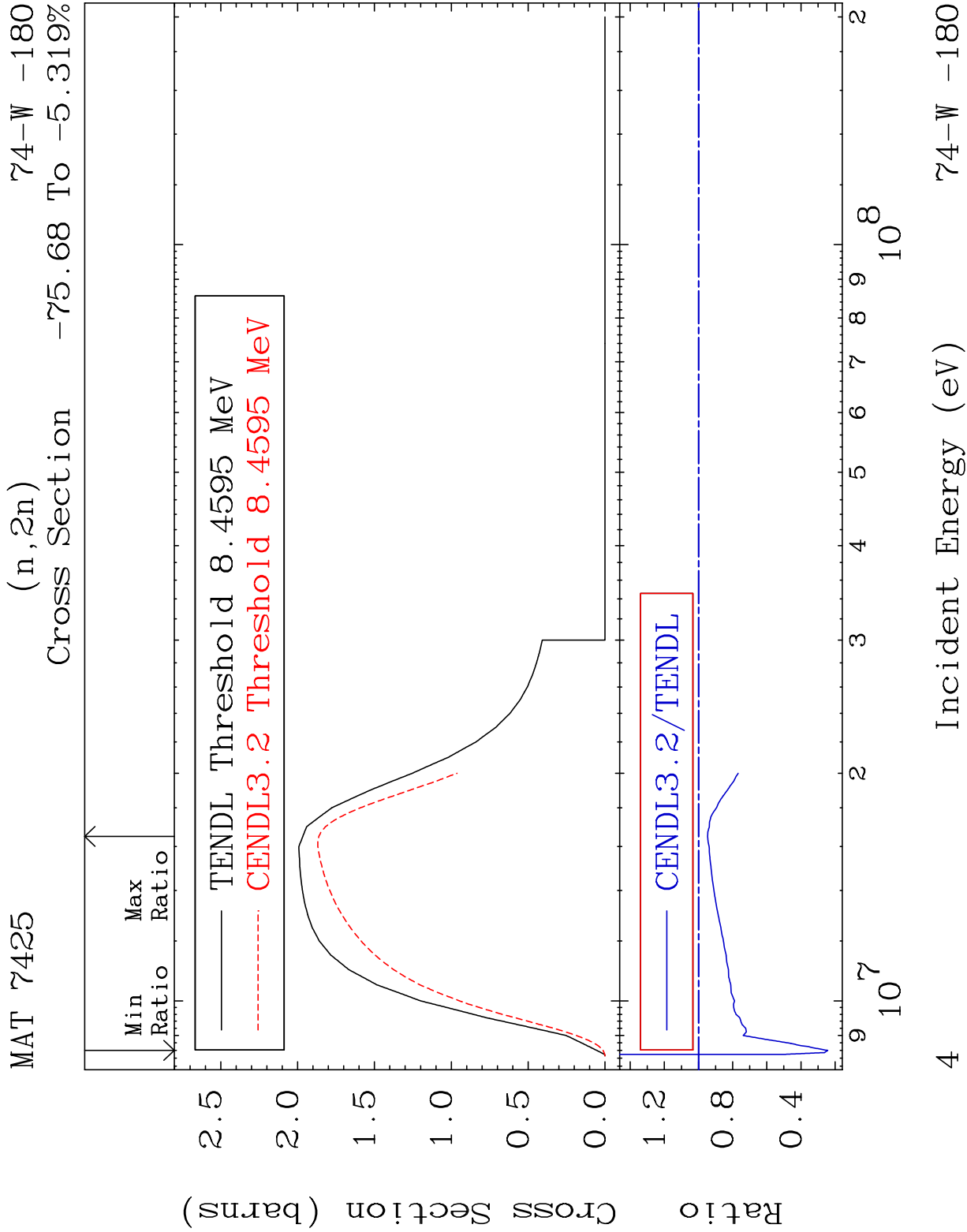
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

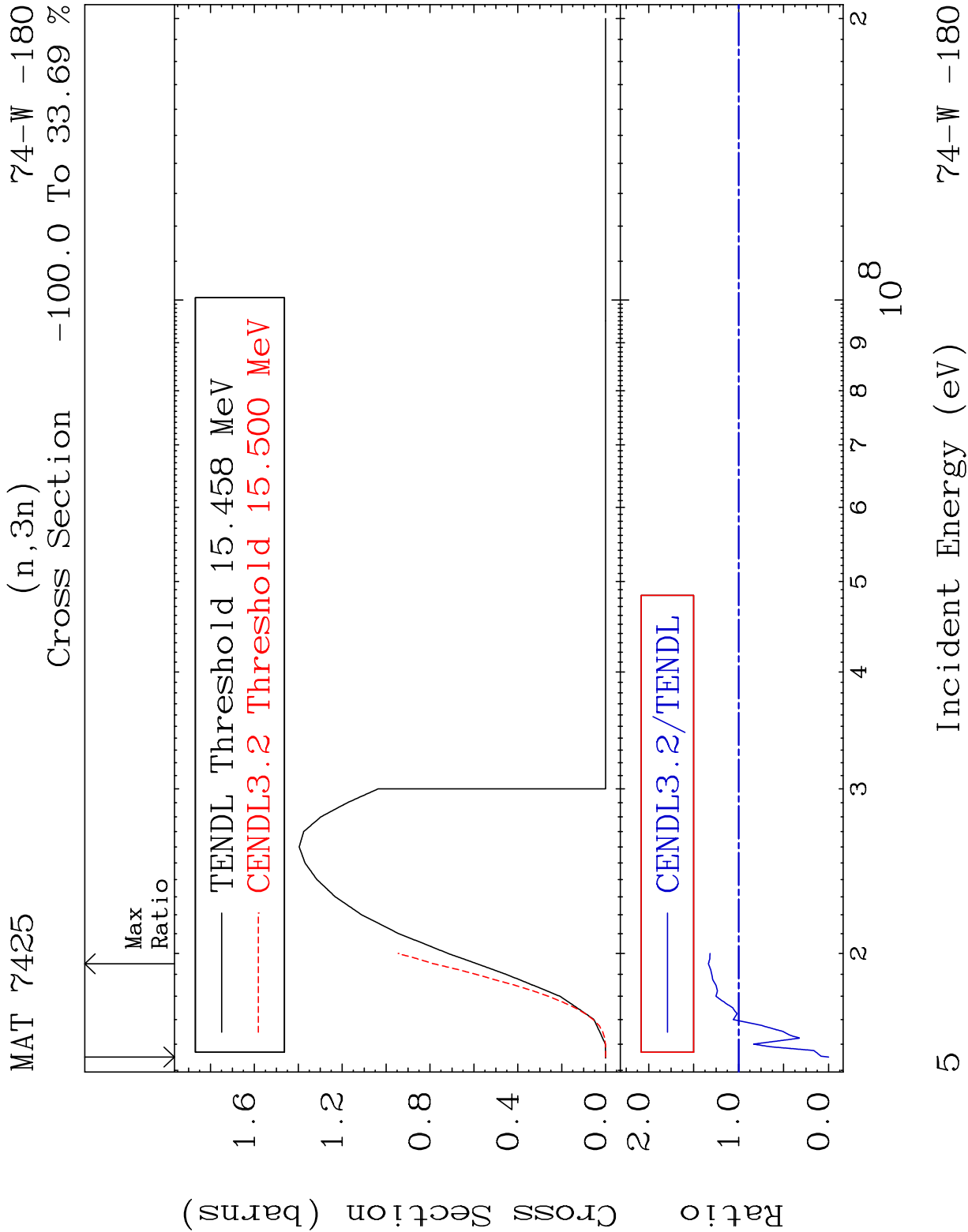
2

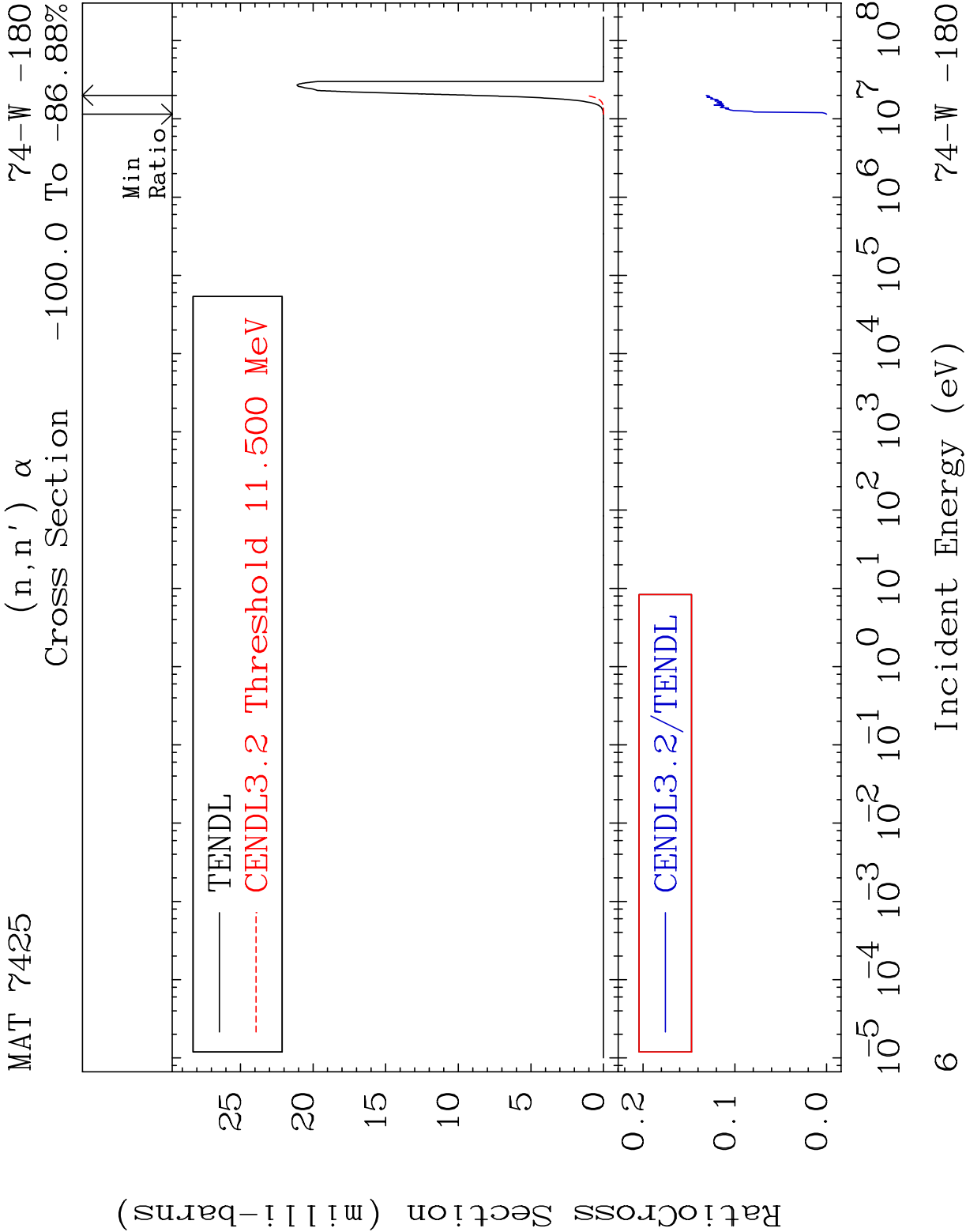
Incident Energy (eV)

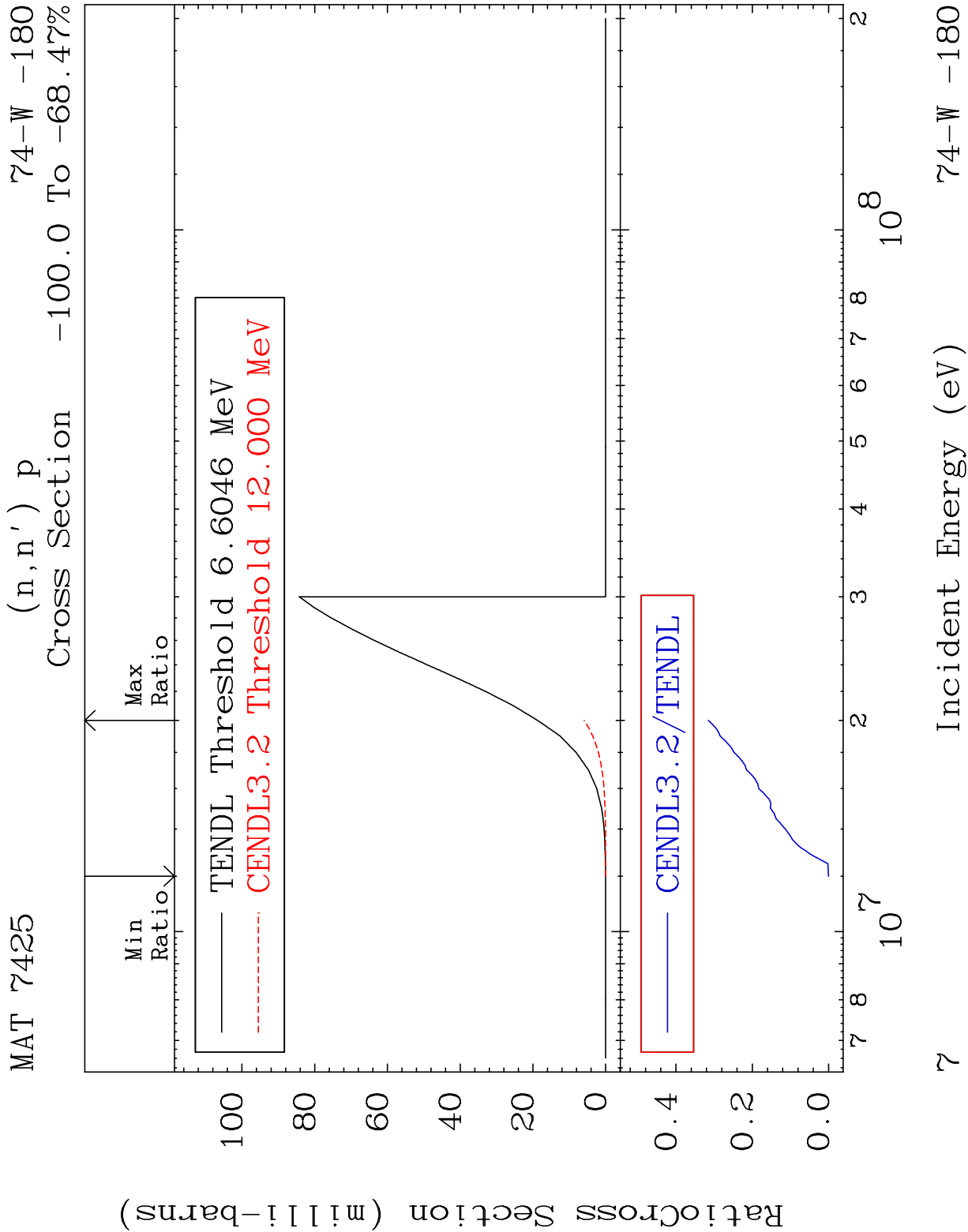
74-W -180



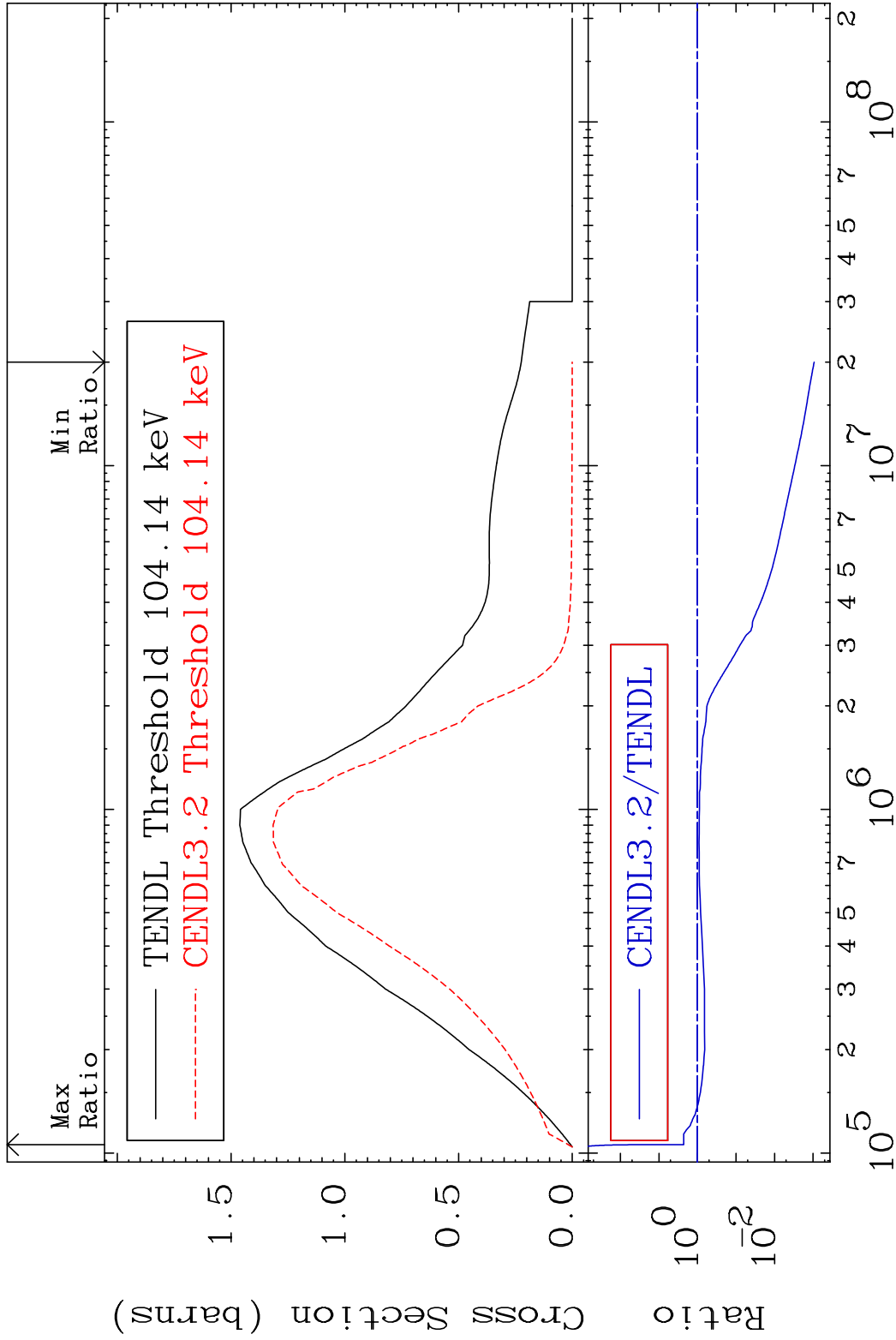




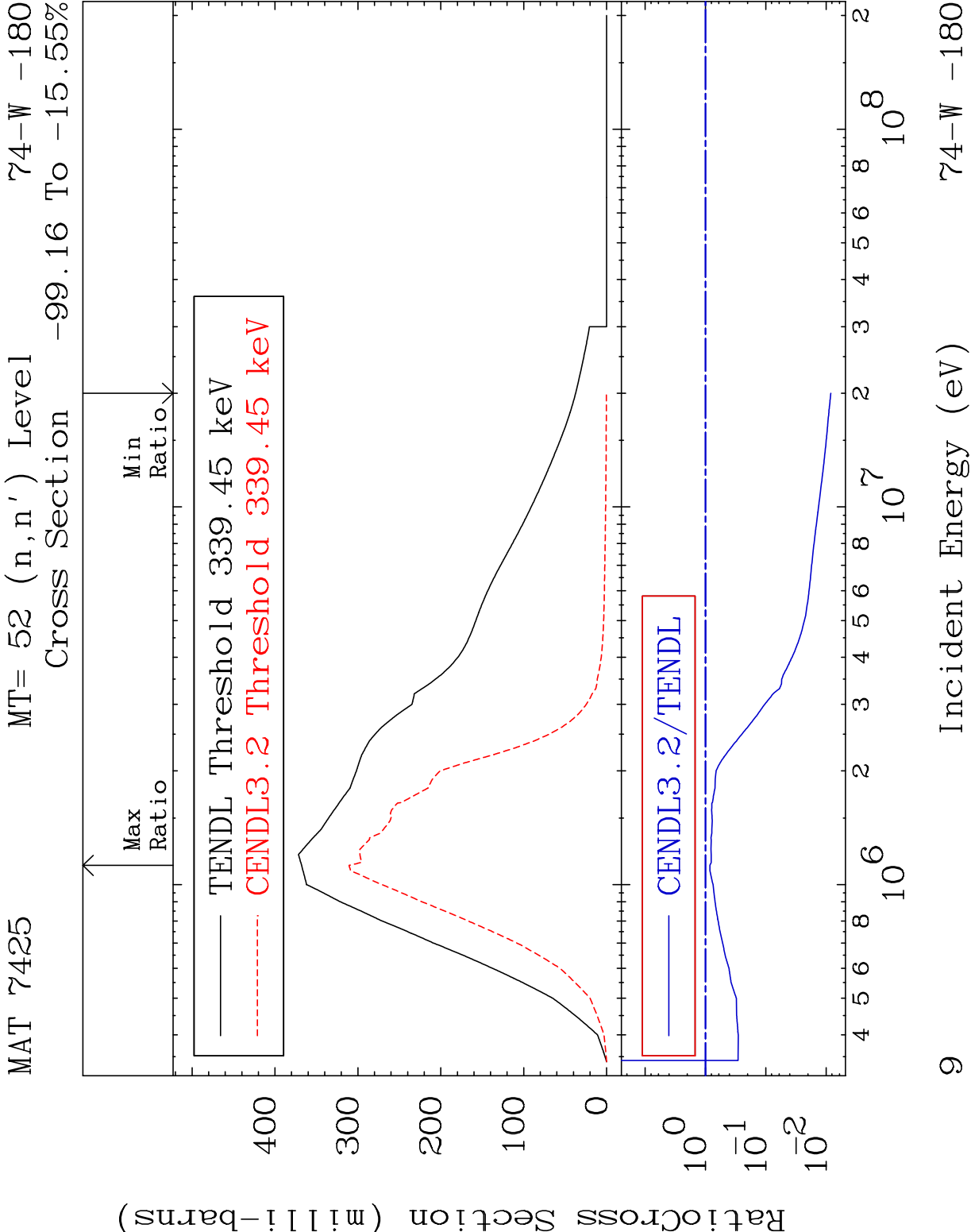


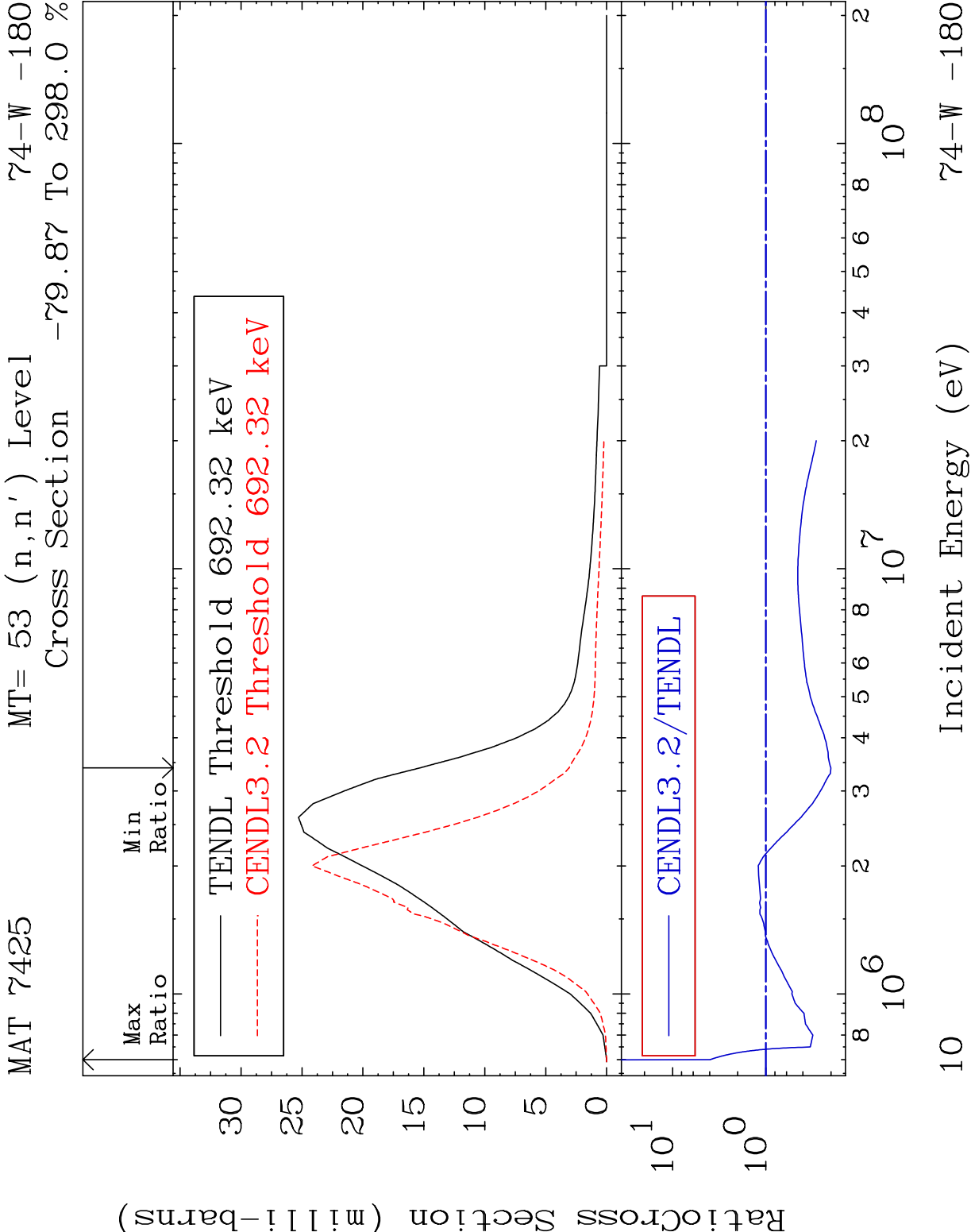


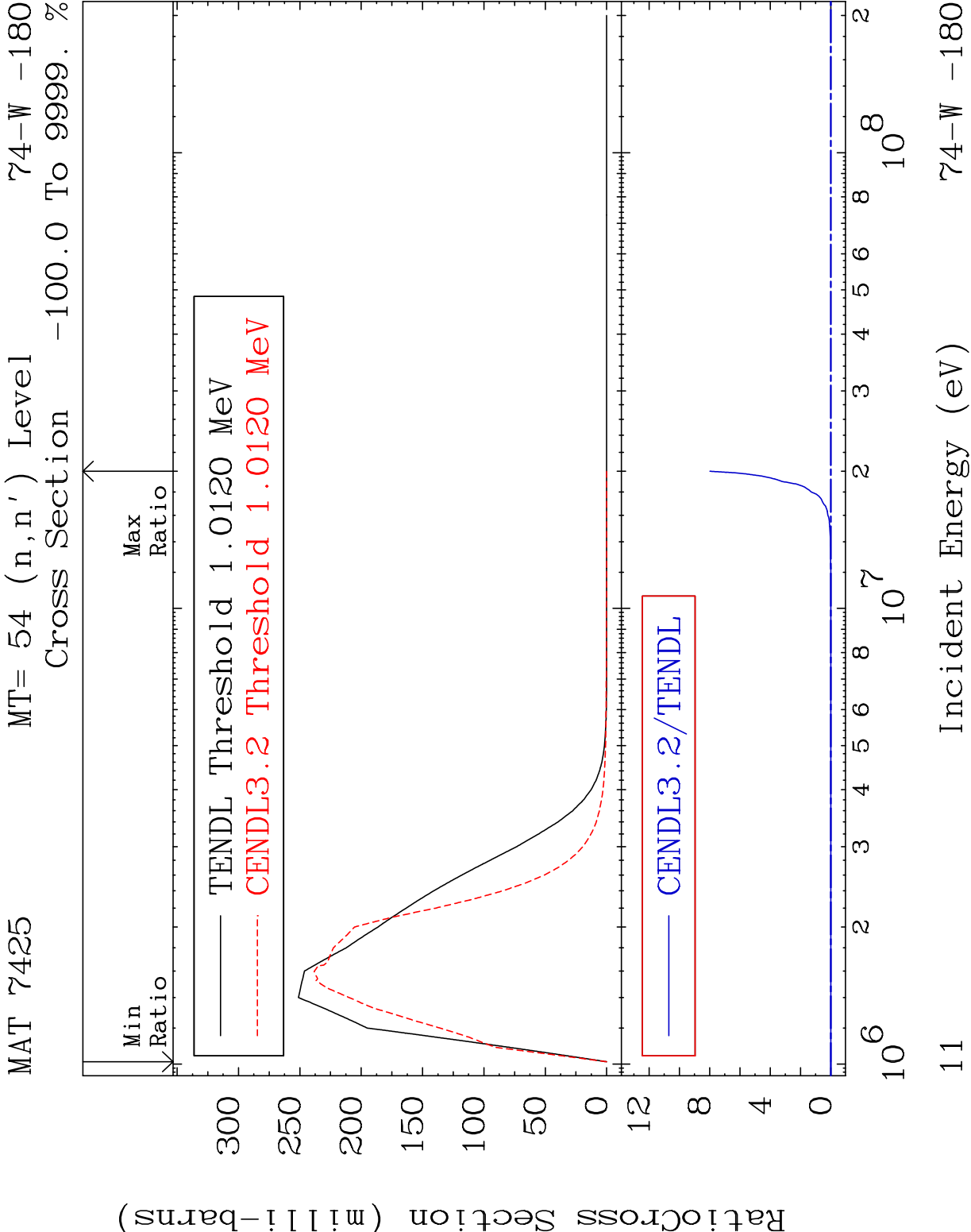
MAT 7425      MT= 51 (n,n') Level      74-W -180  
 Cross Section    -99.91 To 128.0 %



8      Incident Energy (eV)      74-W -180





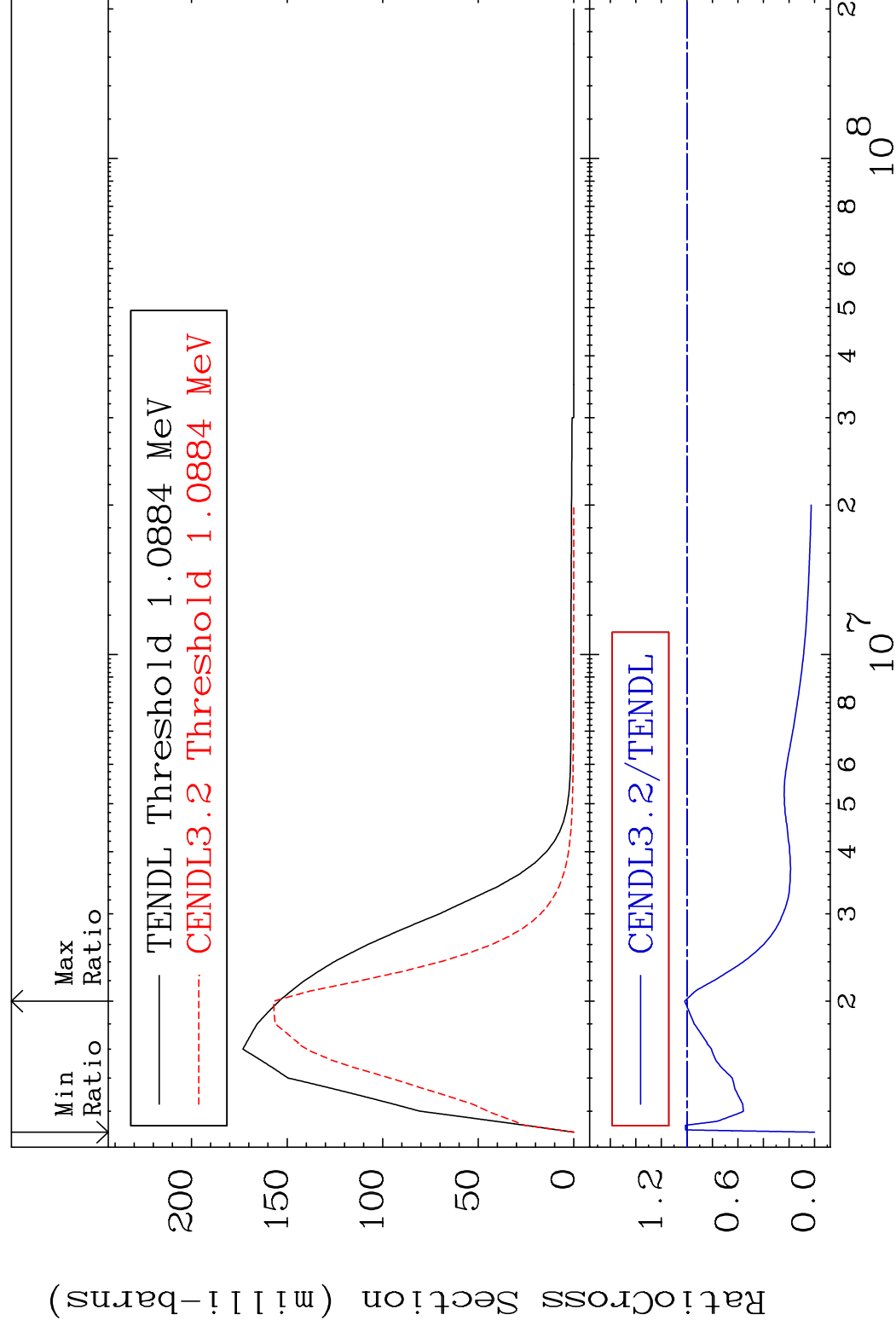


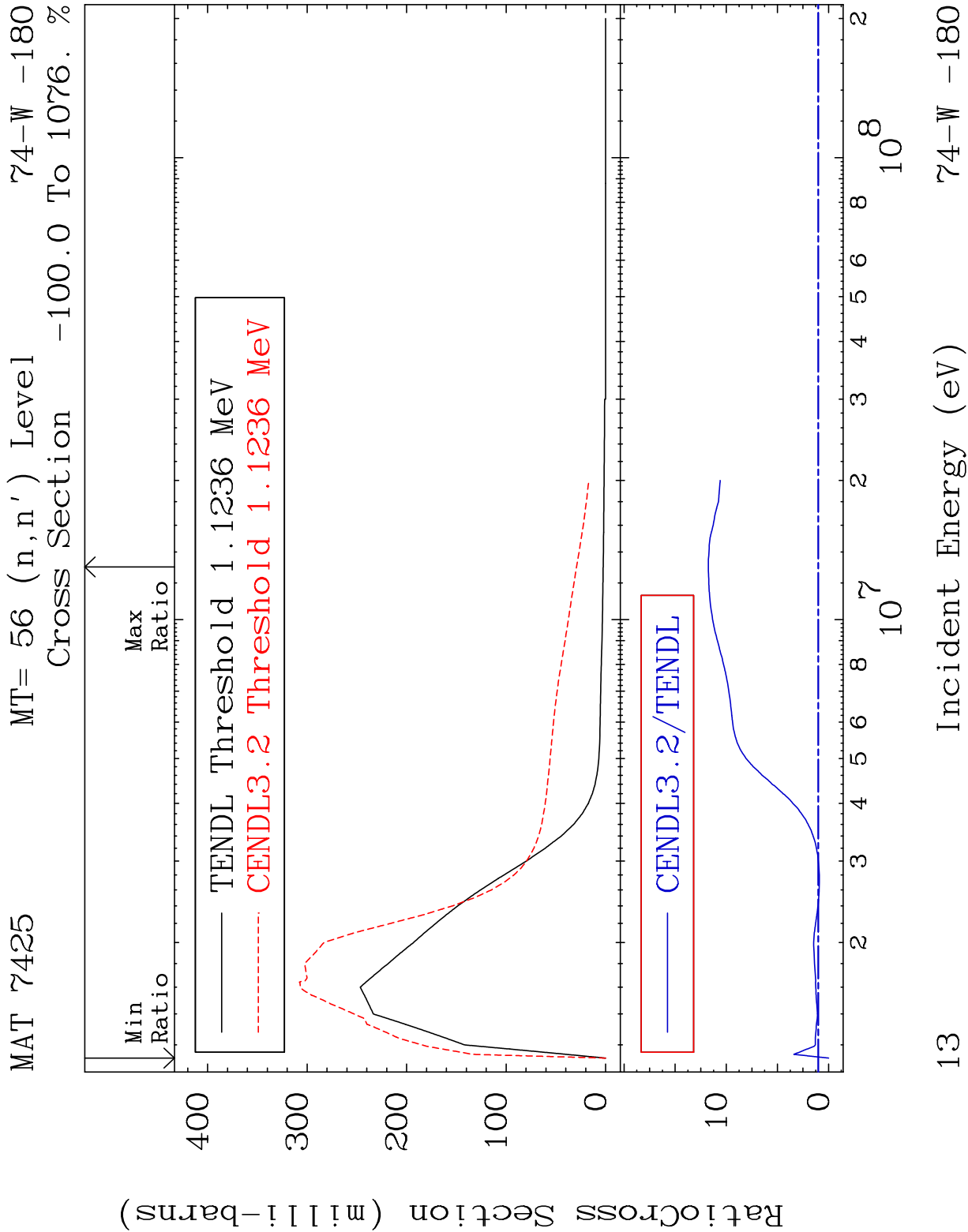
MAT 7425

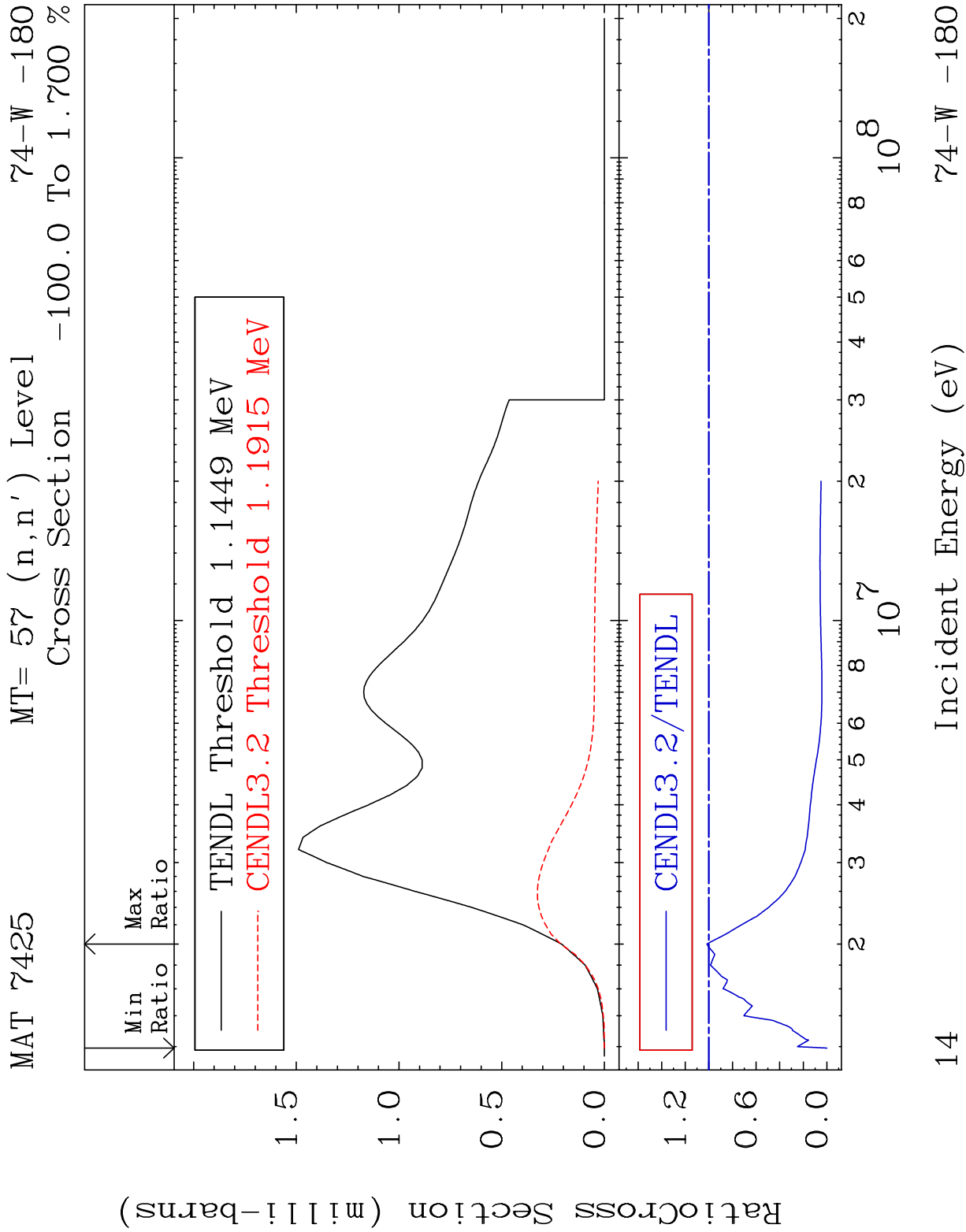
MT= 55 (n, n') Level

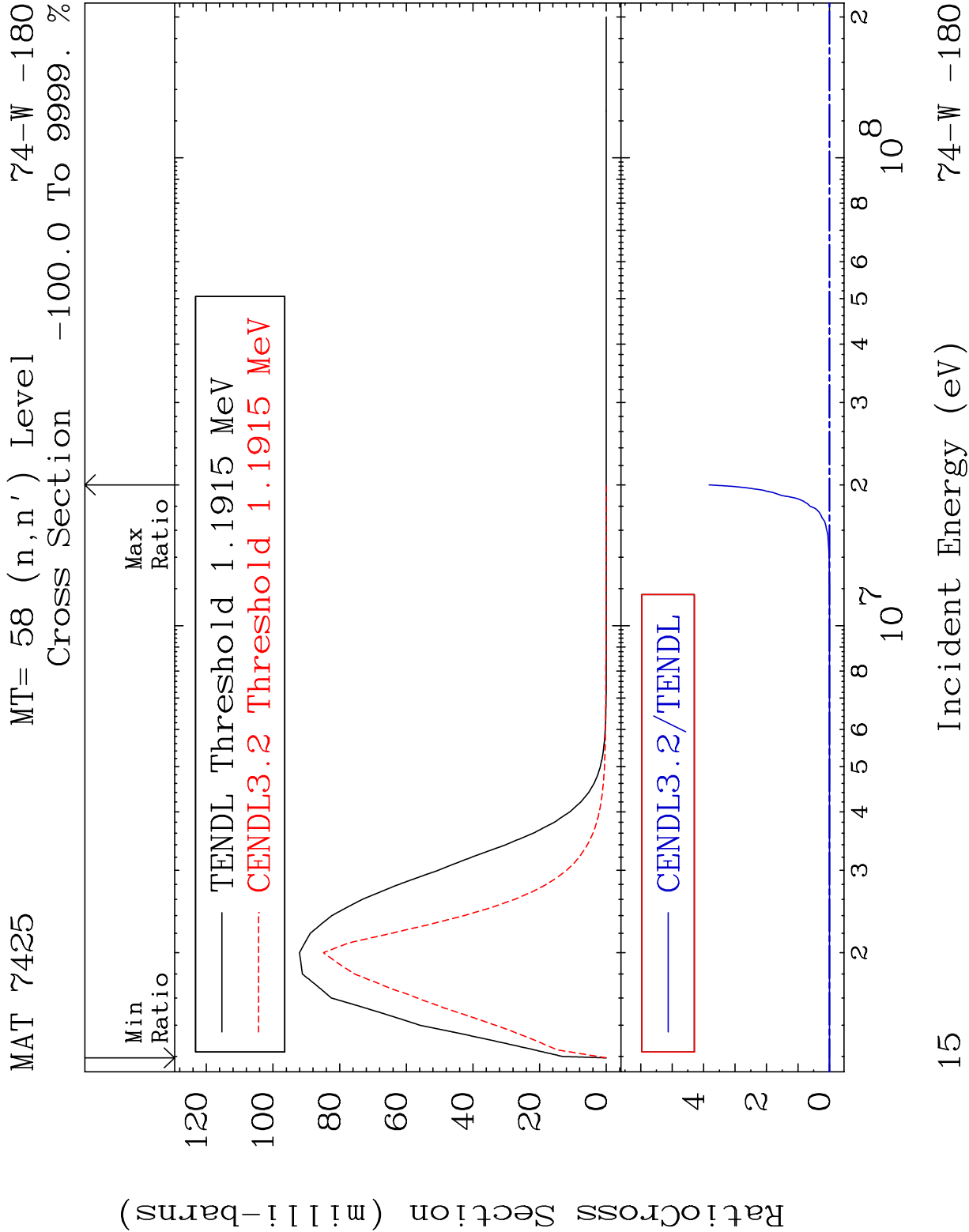
24-W -180

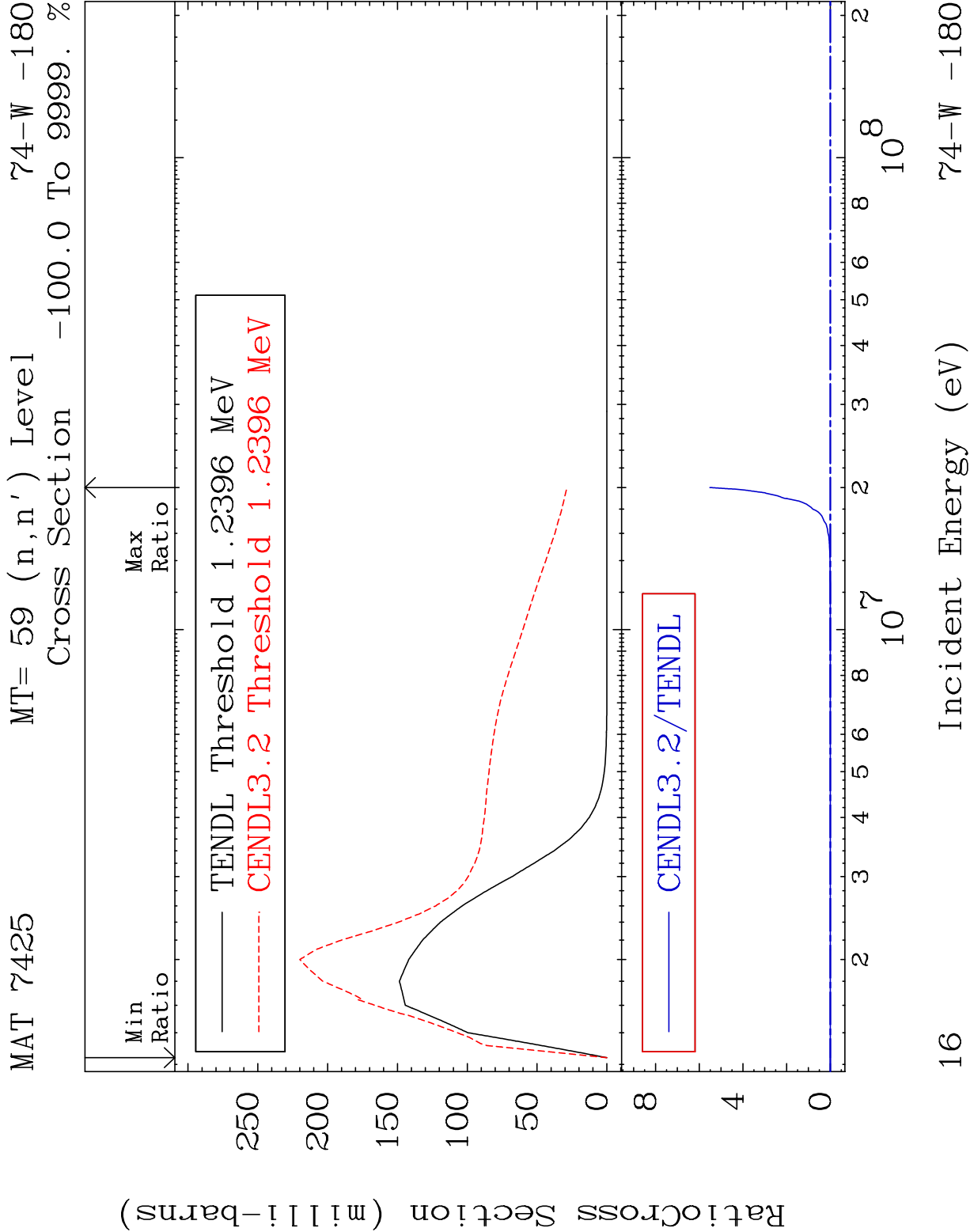
Cross Section -100.0 To 1.740 %

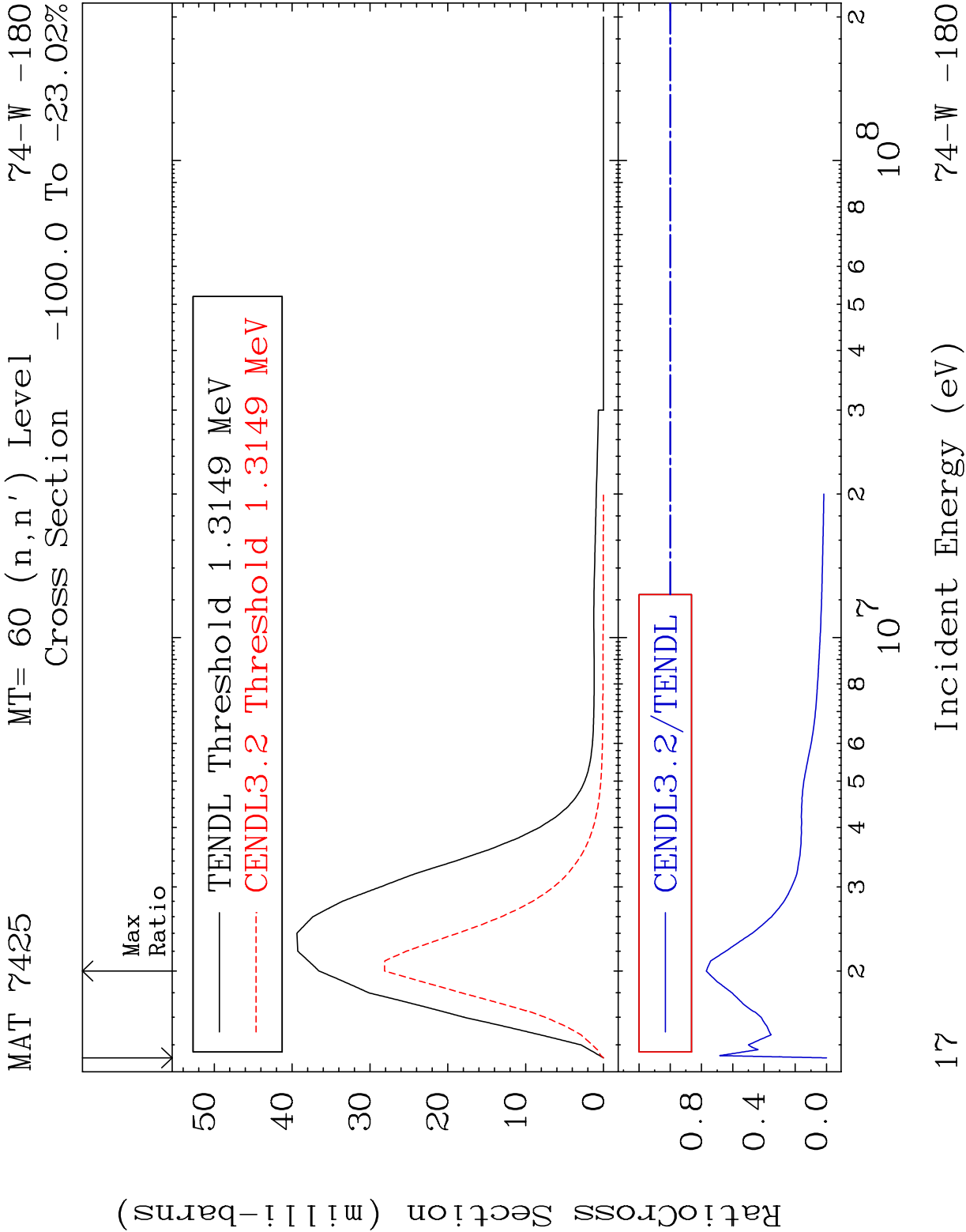


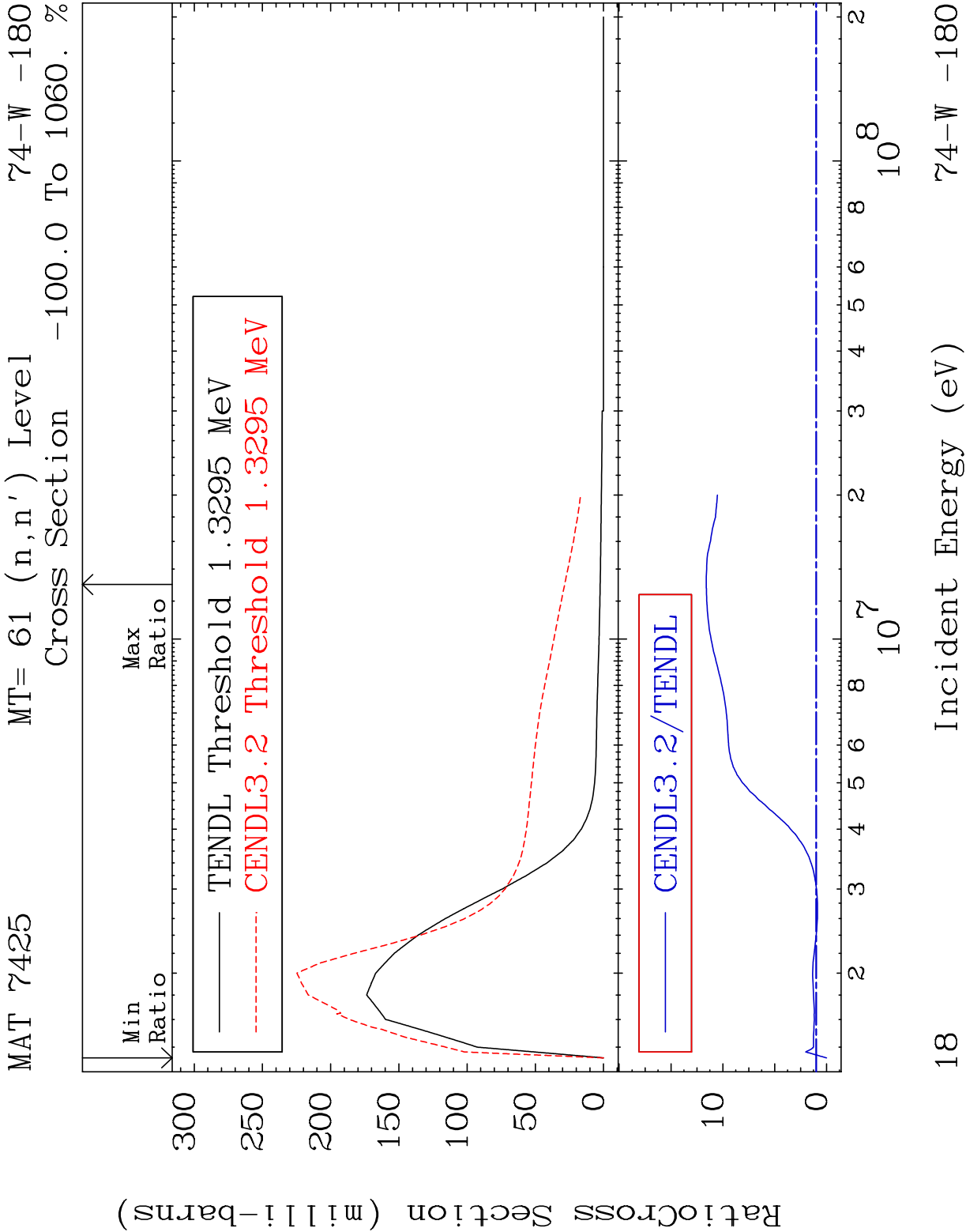


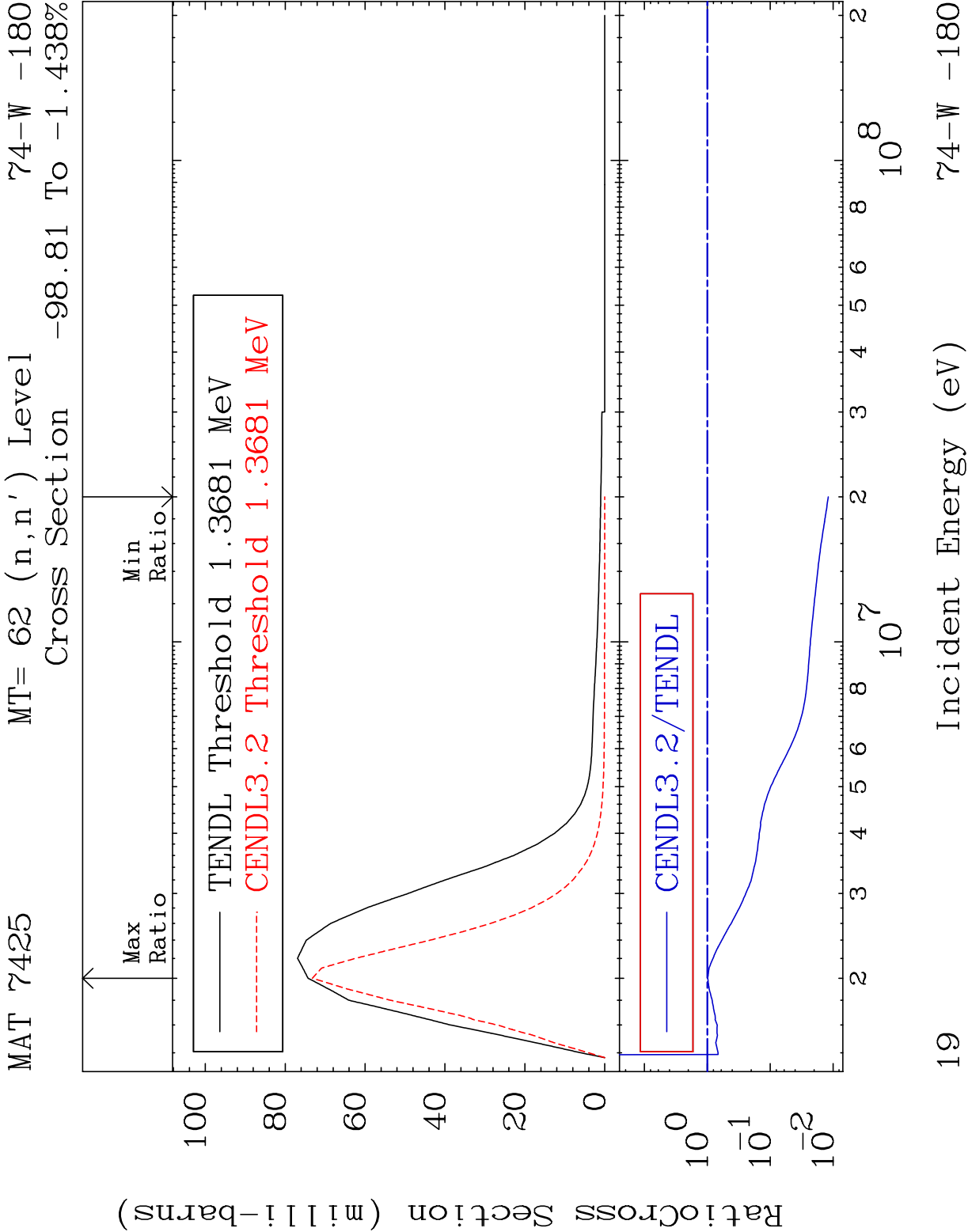


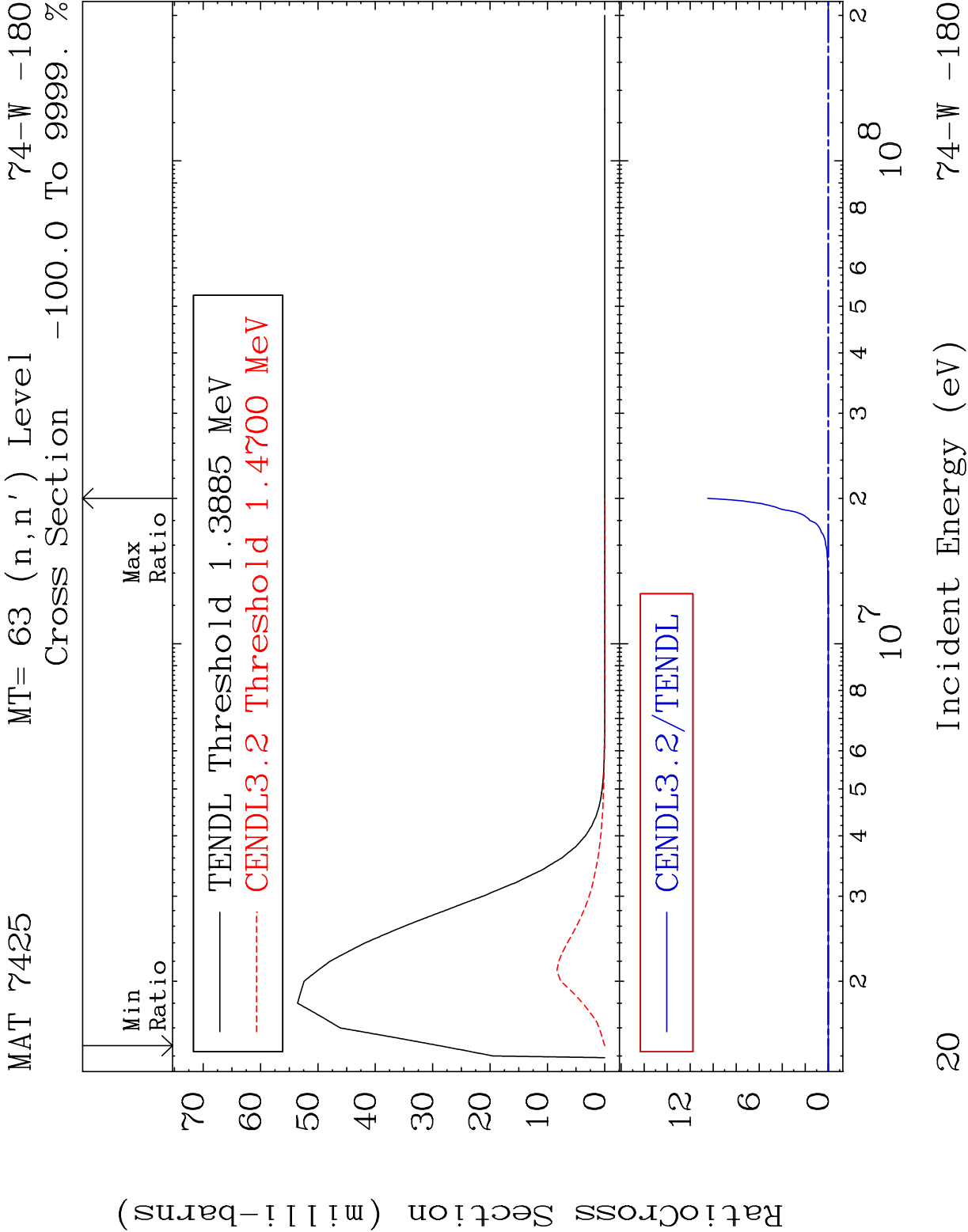




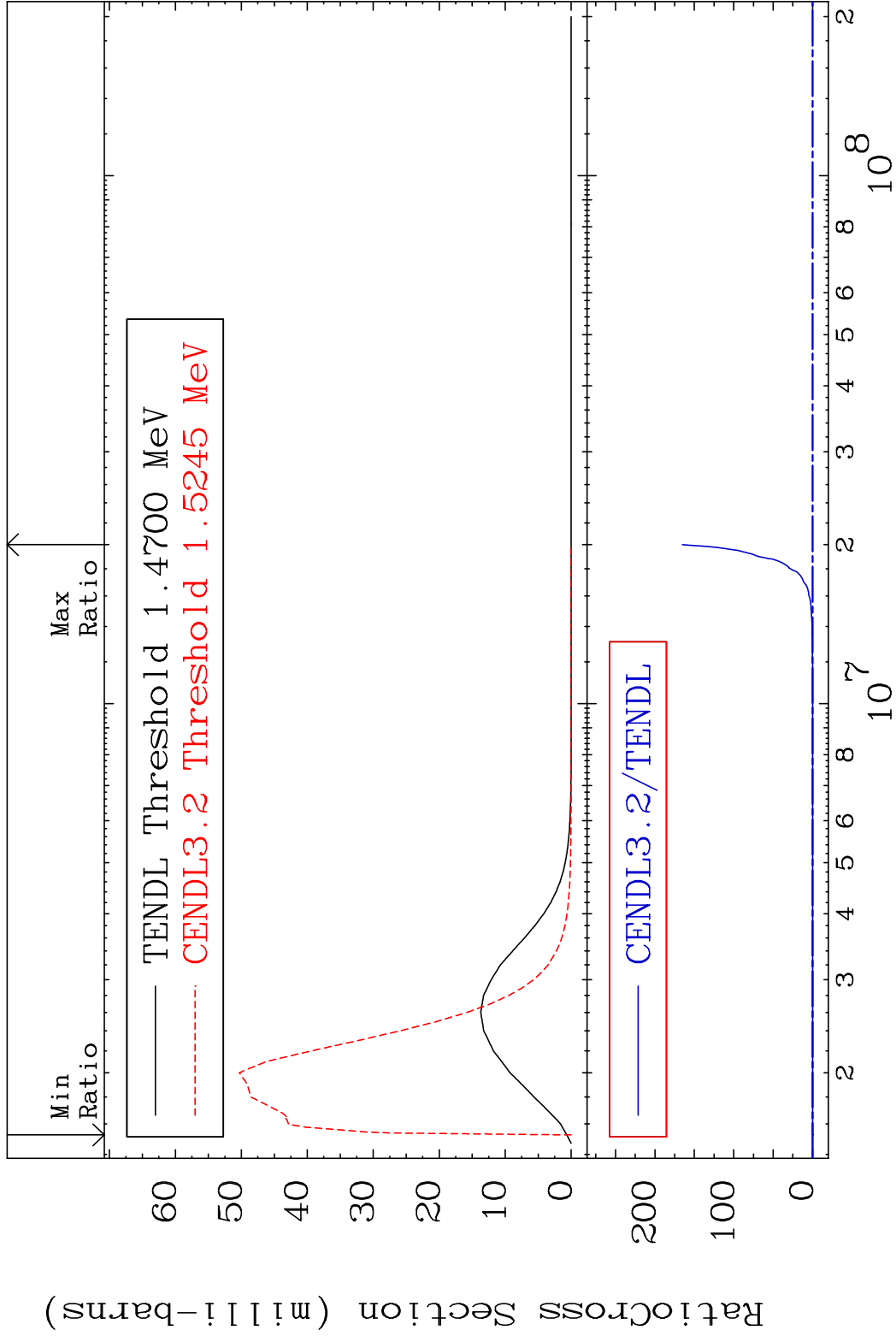




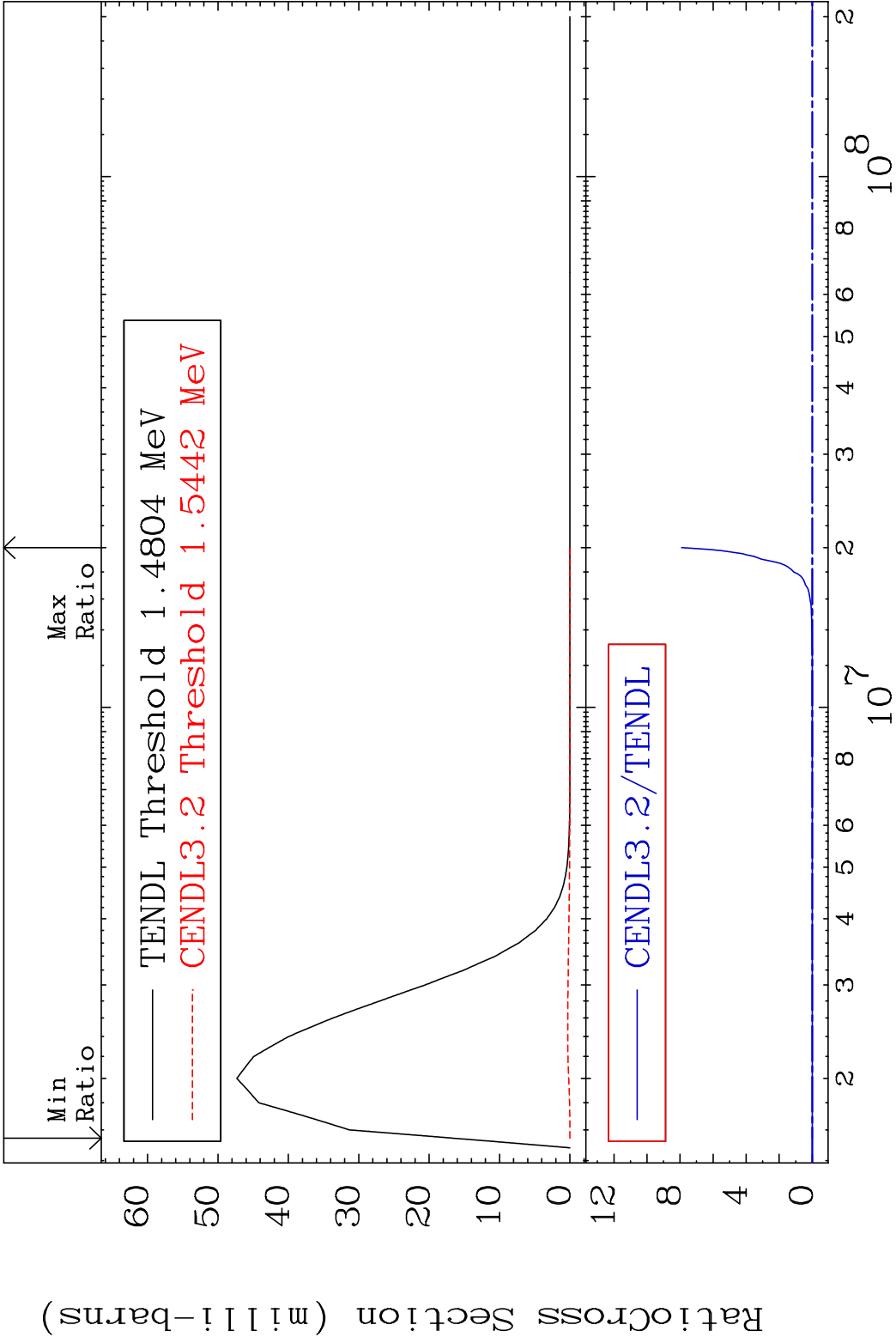


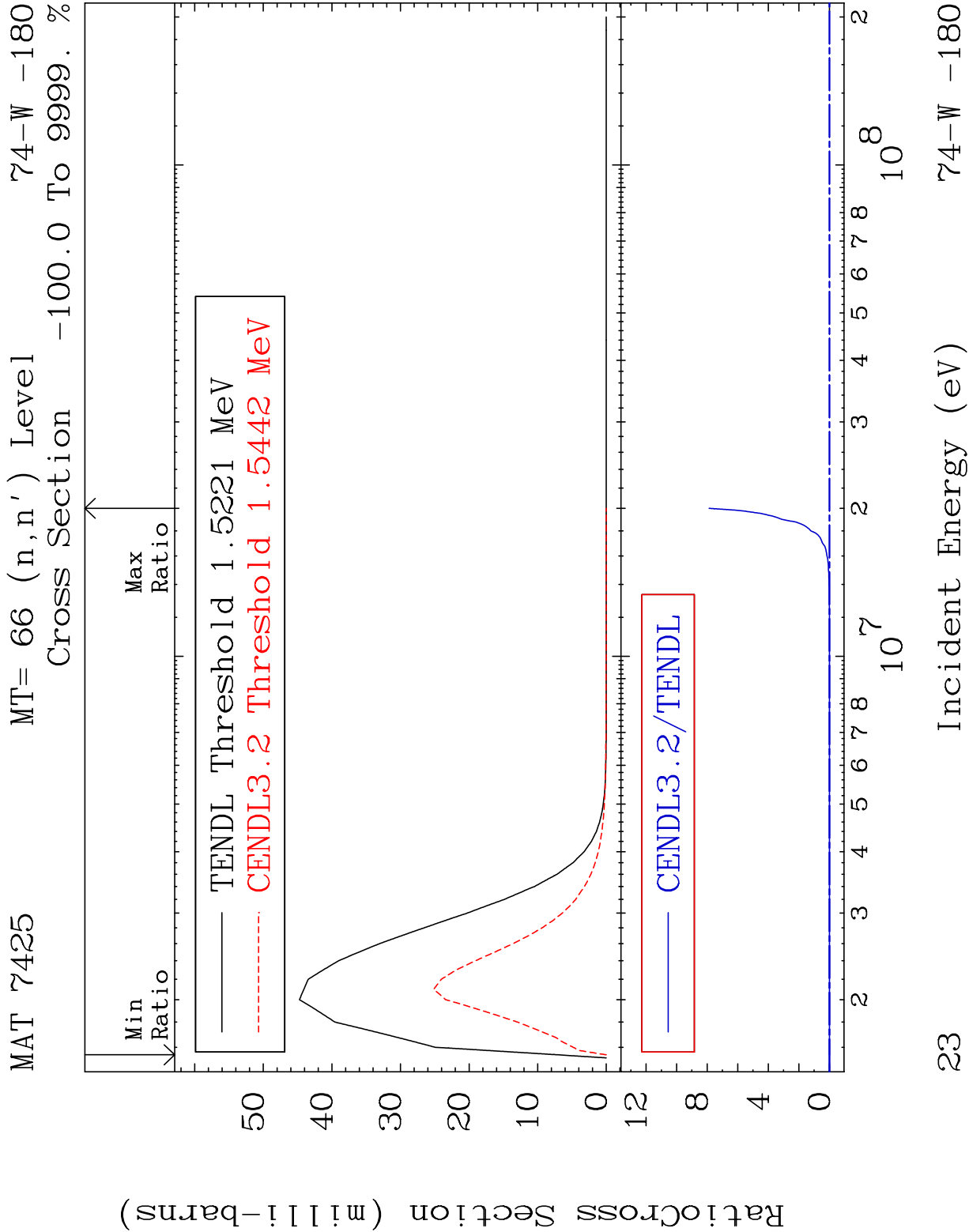


MAT 7425      MT= 64 (n,n') Level      74-W -180  
Cross Section    -100.0 To 9999. %

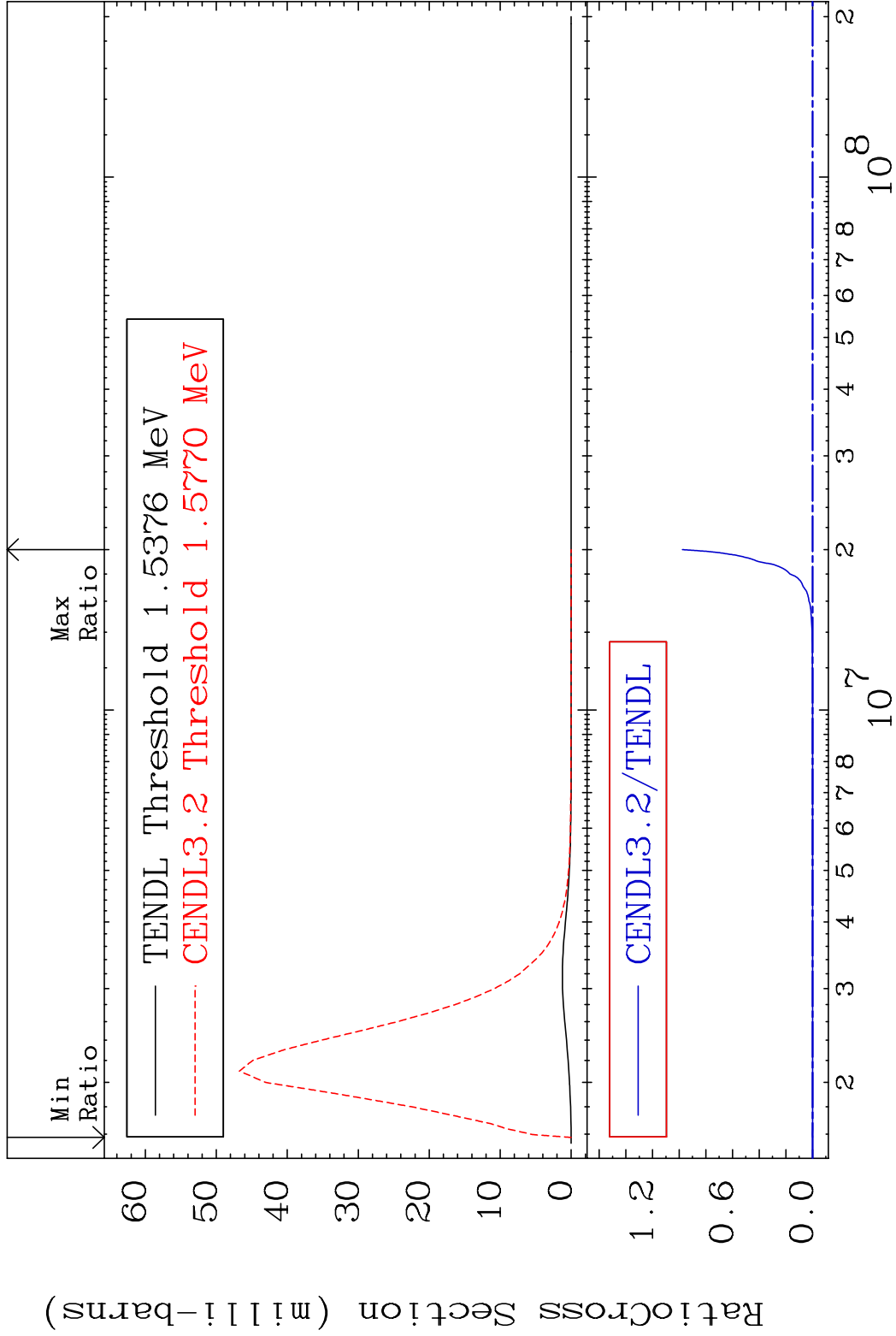


MAT 7425      MT= 65 (n,n') Level      74-W -180  
 Cross Section    -100.0 To 9999. %

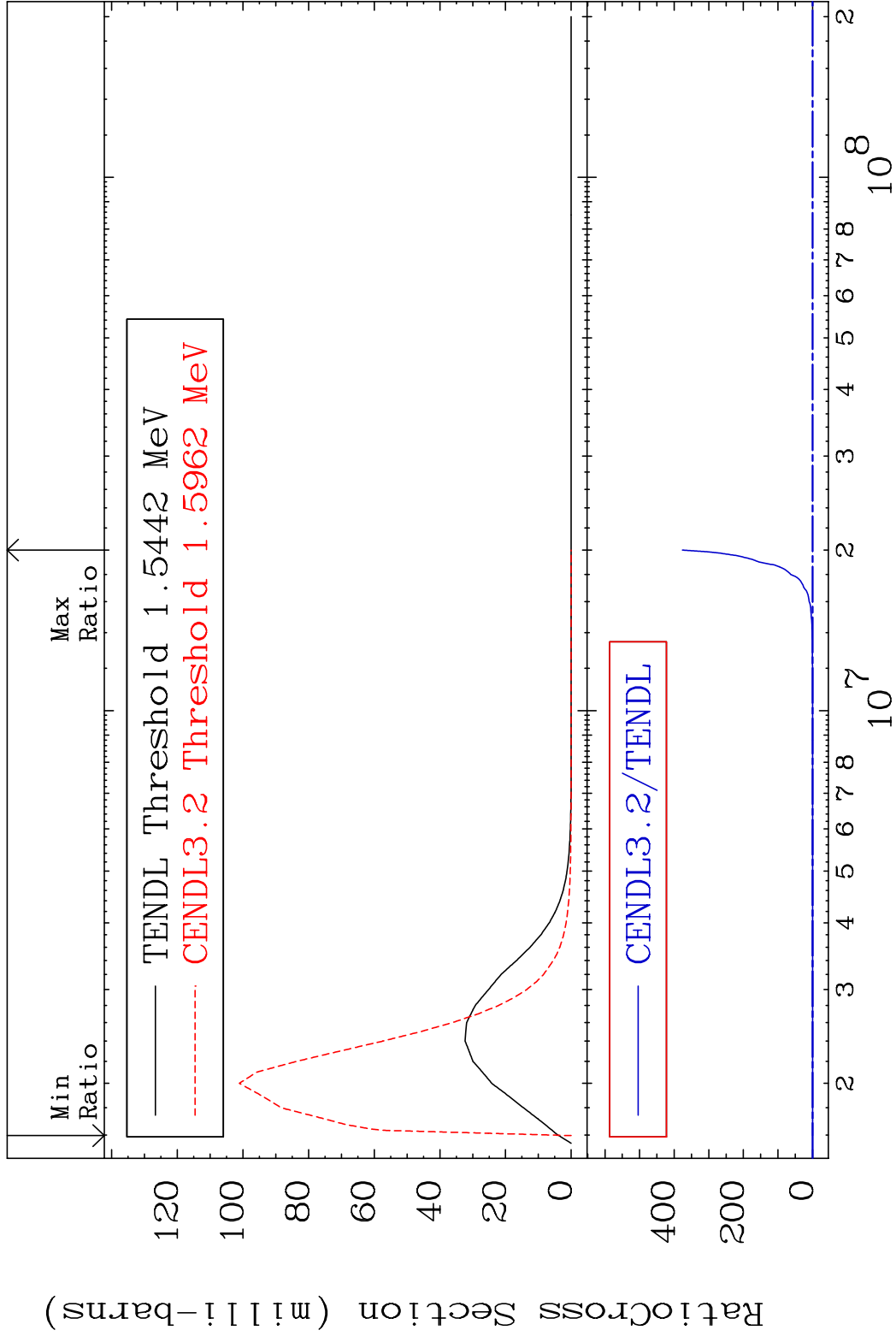


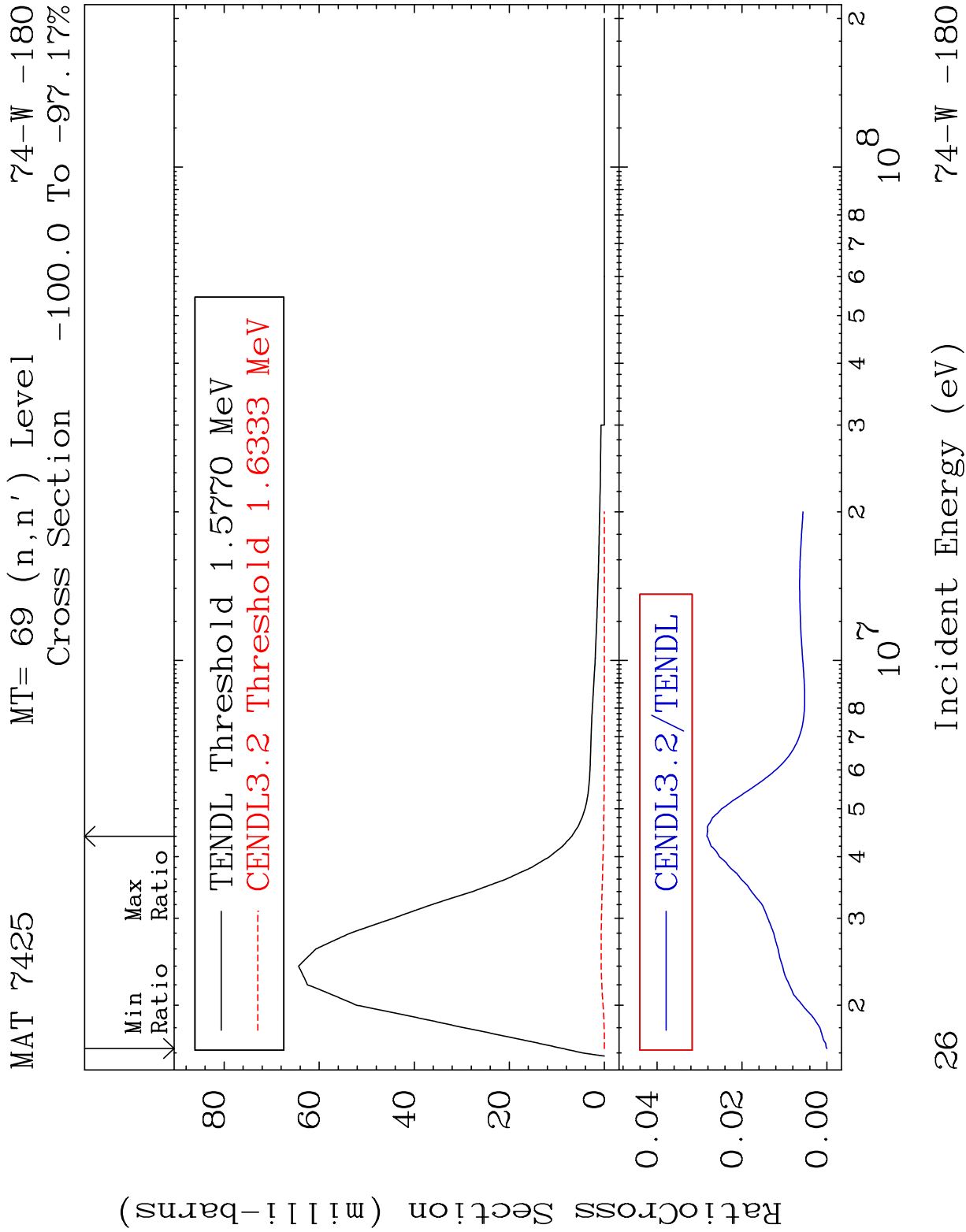


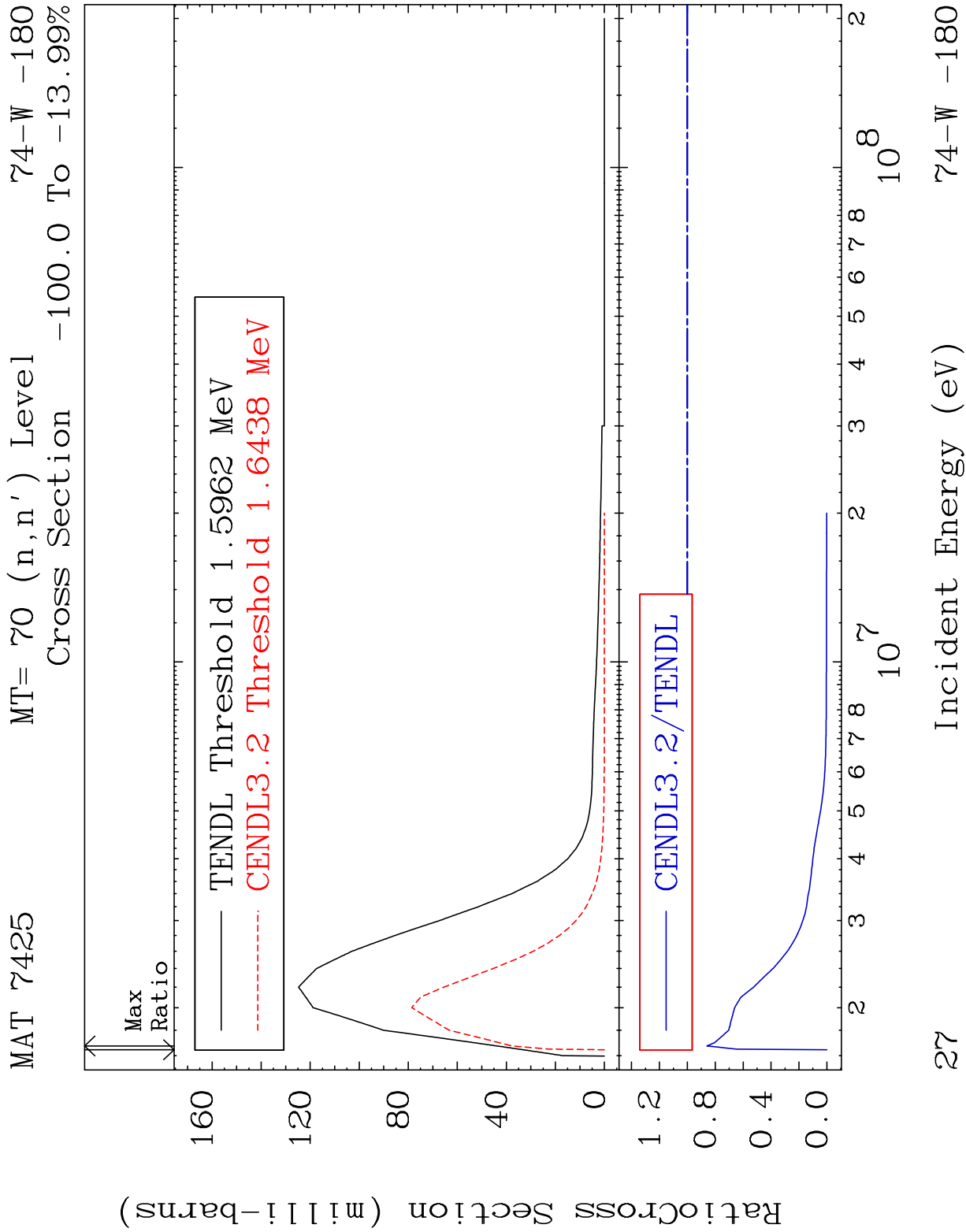
MAT 7425      MT= 67 (n,n') Level      74-W -180  
Cross Section    -100.0 To 9999. %



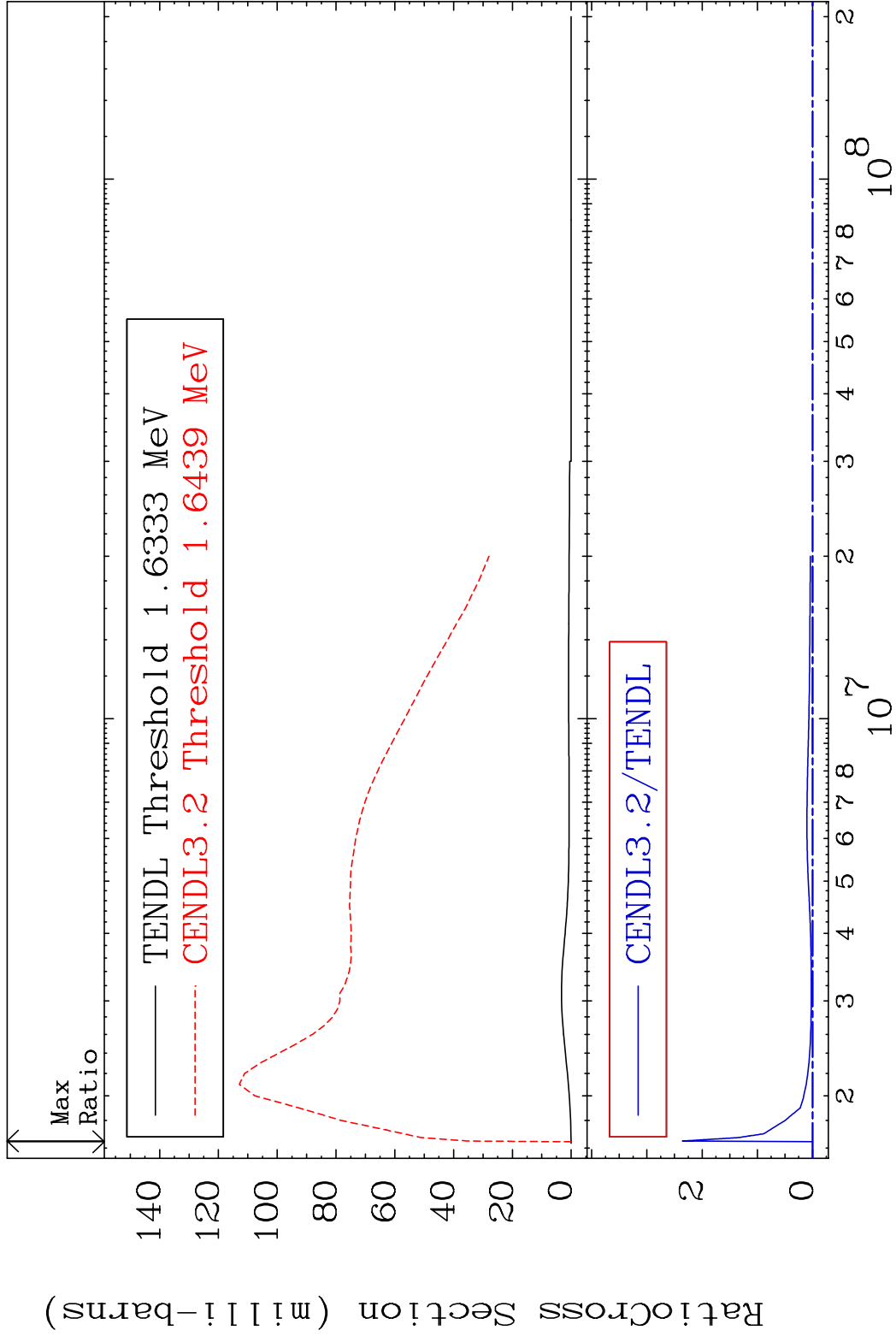
MAT 7425      MT= 68 (n,n') Level      74-W -180  
Cross Section    -100.0 To 9999. %



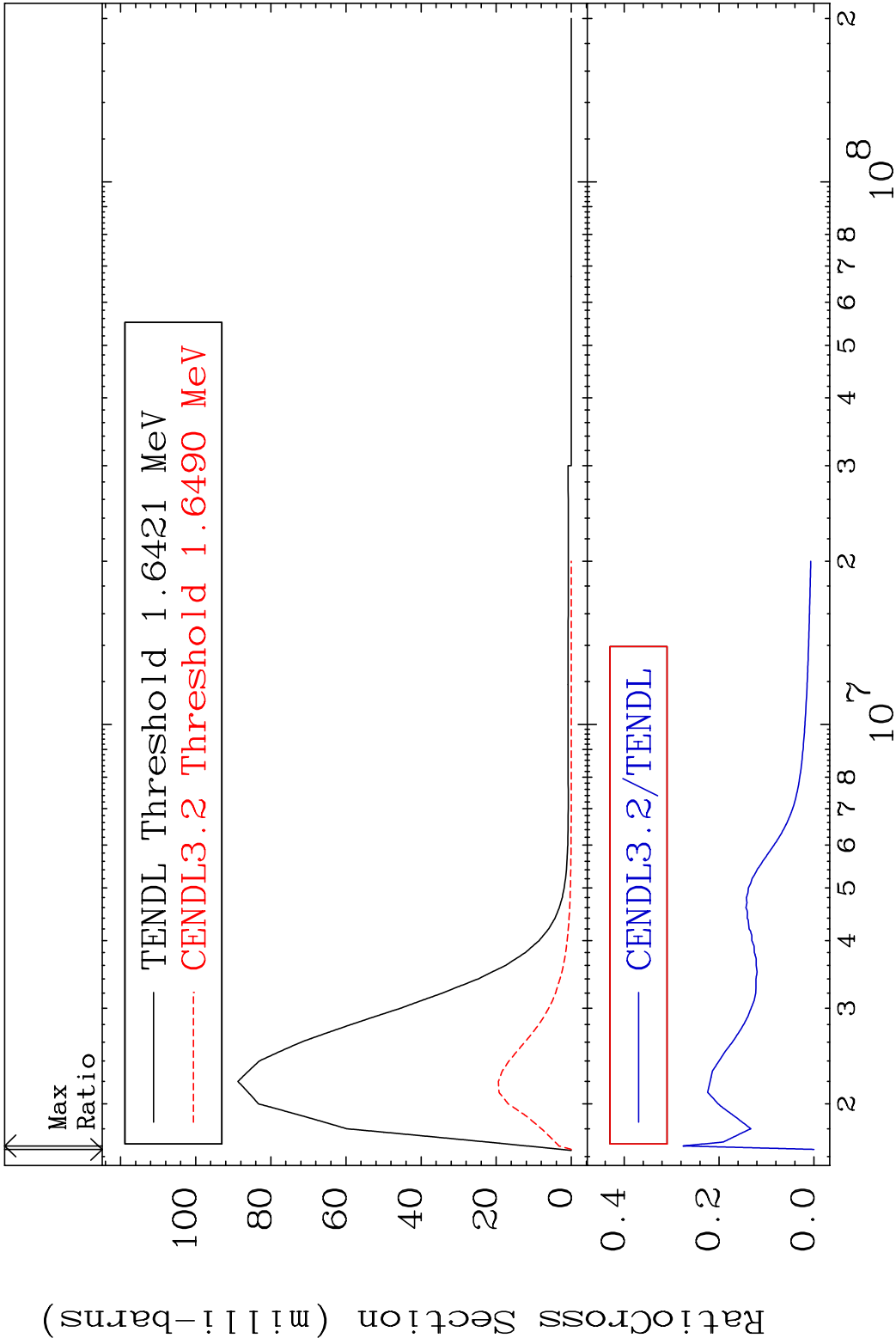


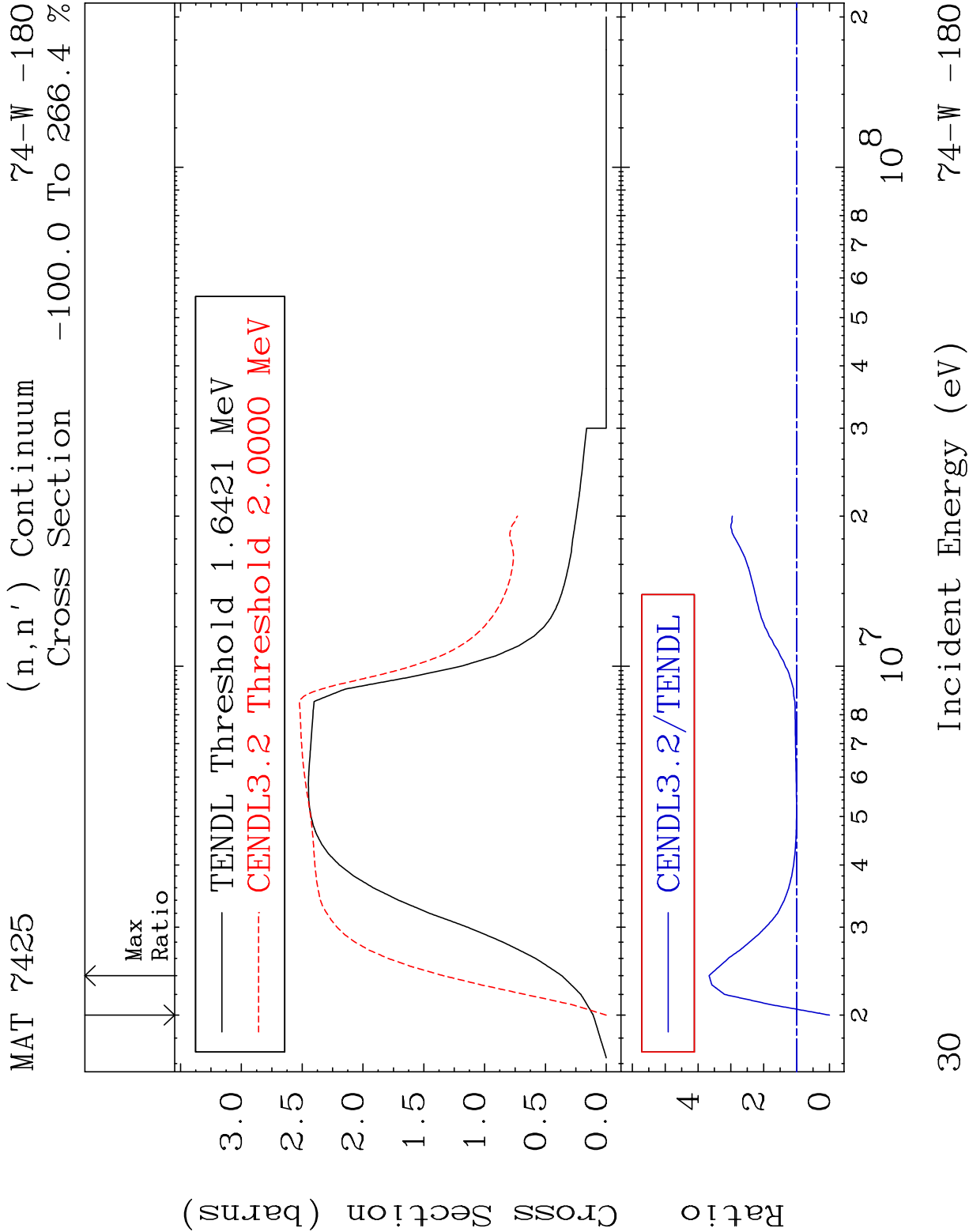


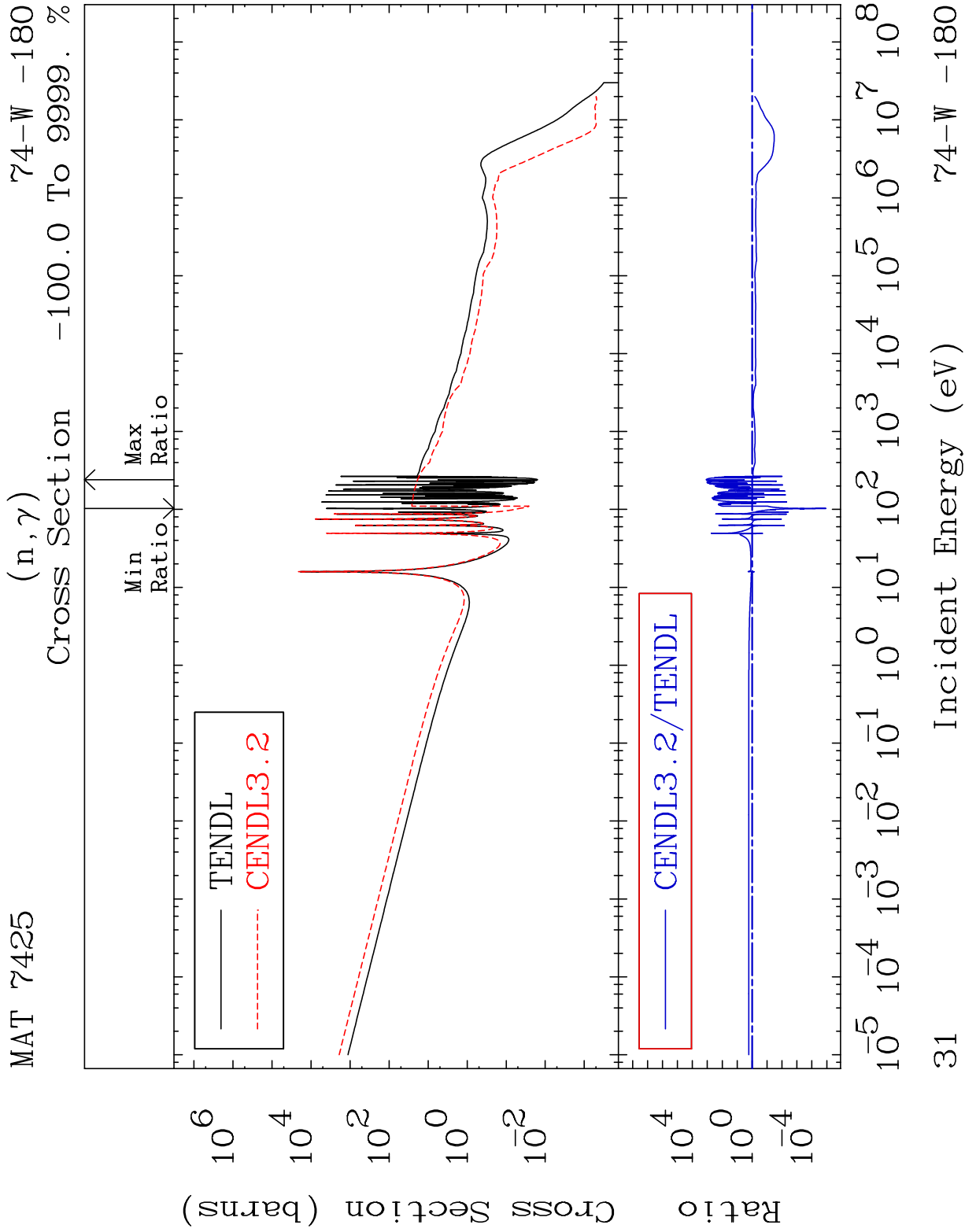
MAT 7425      MT= 71 (n,n') Level      74-W -180  
Cross Section    -100.0 To 9999. %

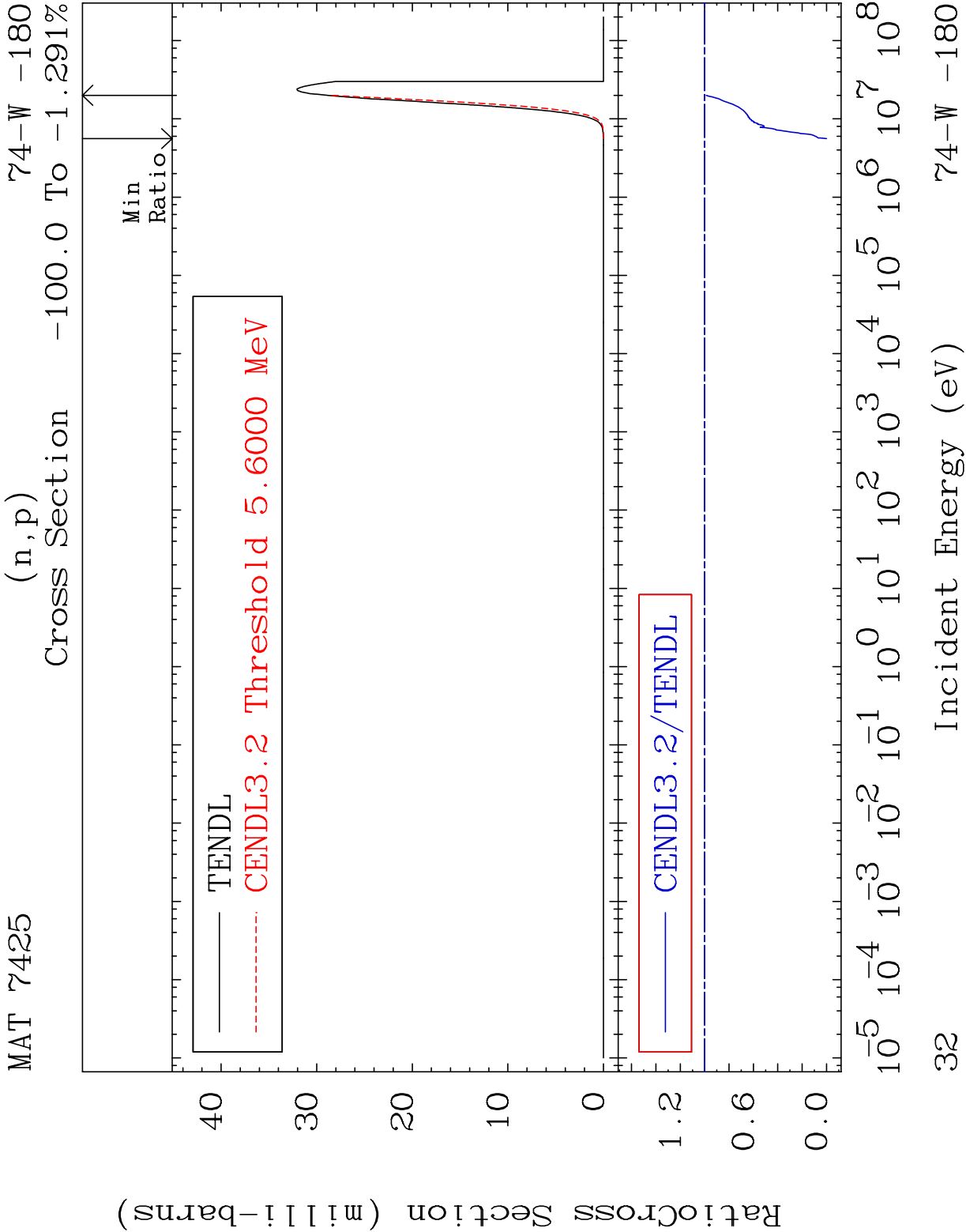


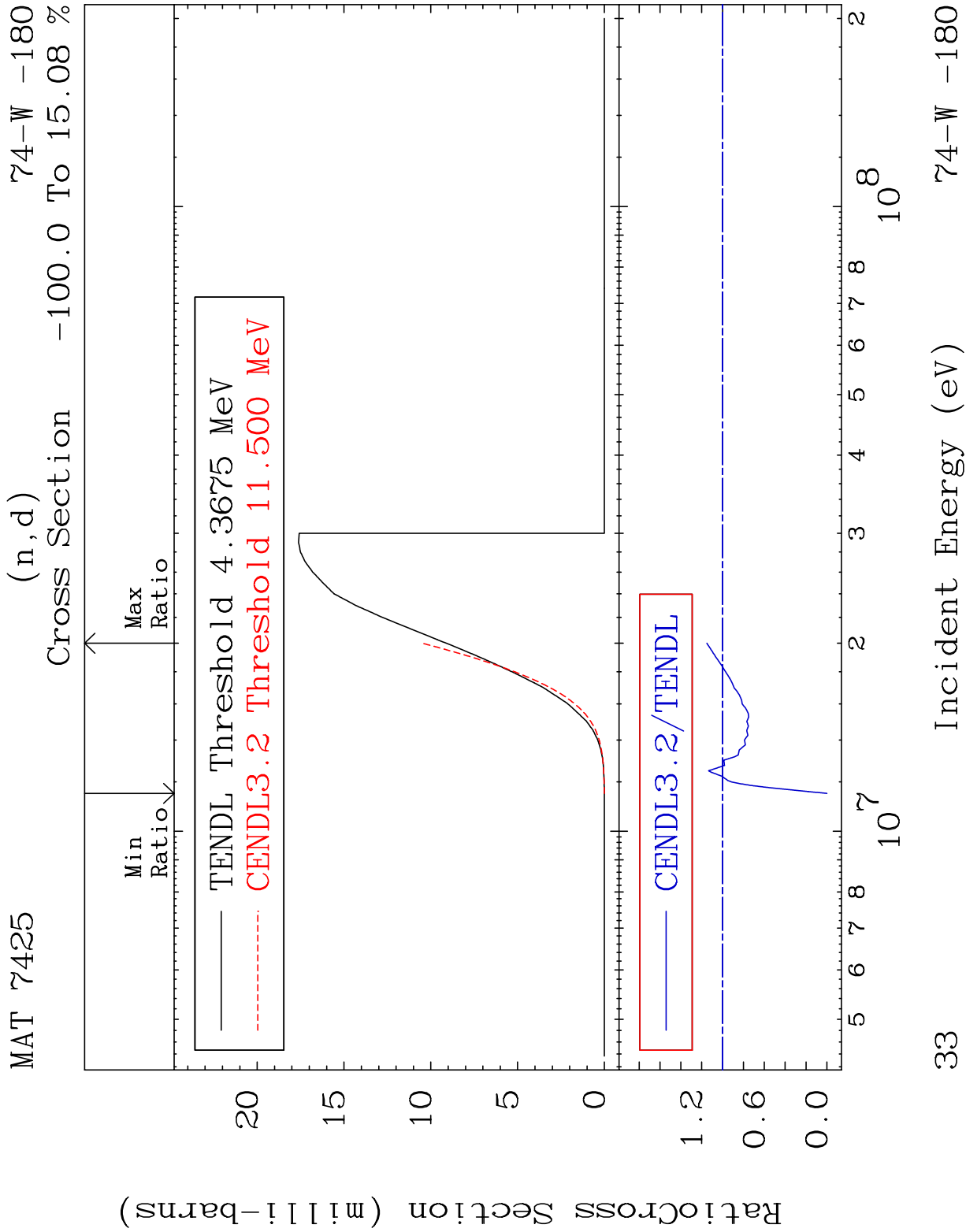
MAT 7425      MT= 72 (n,n') Level      74-W -180  
 Cross Section    -100.0 To -72.42%

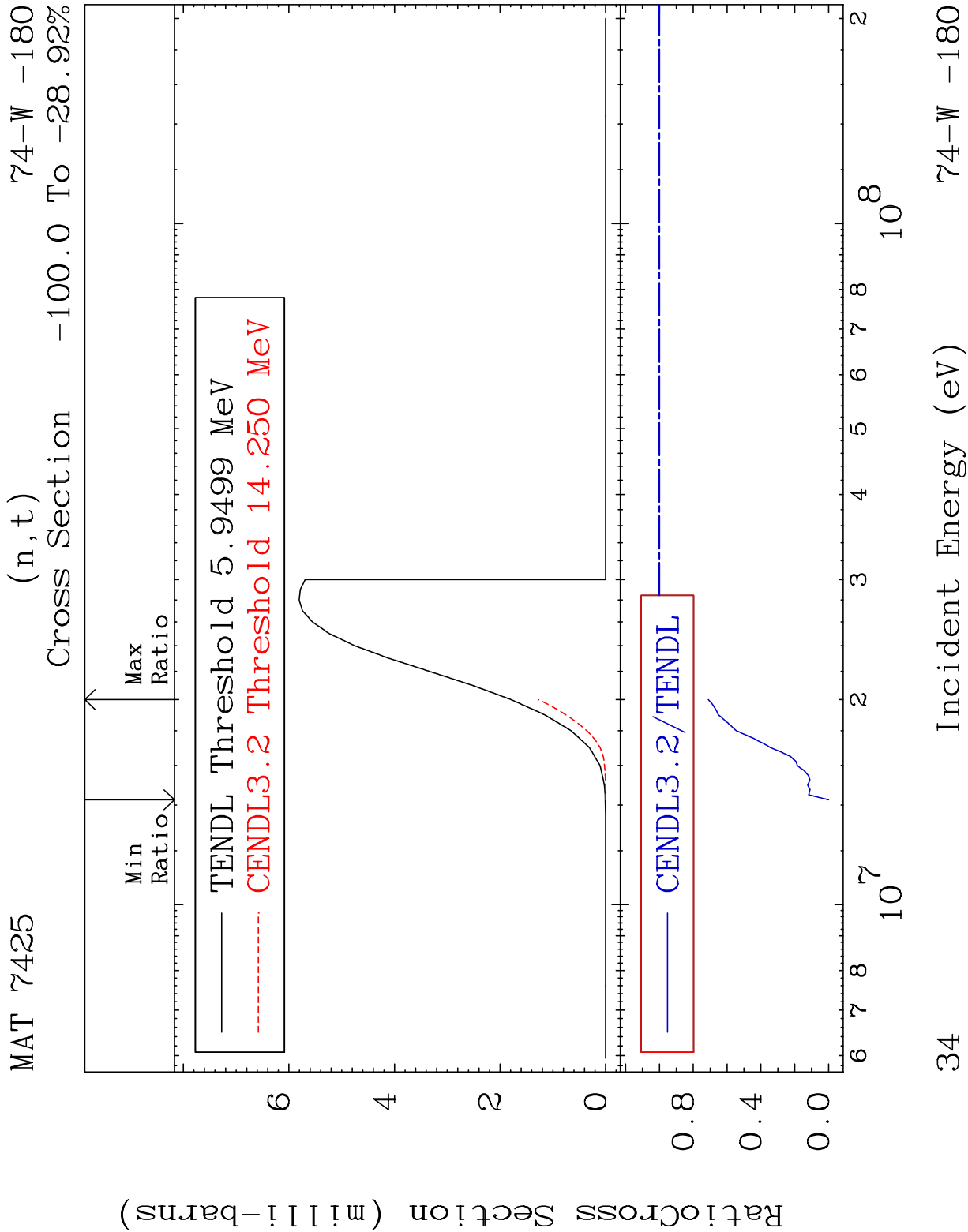


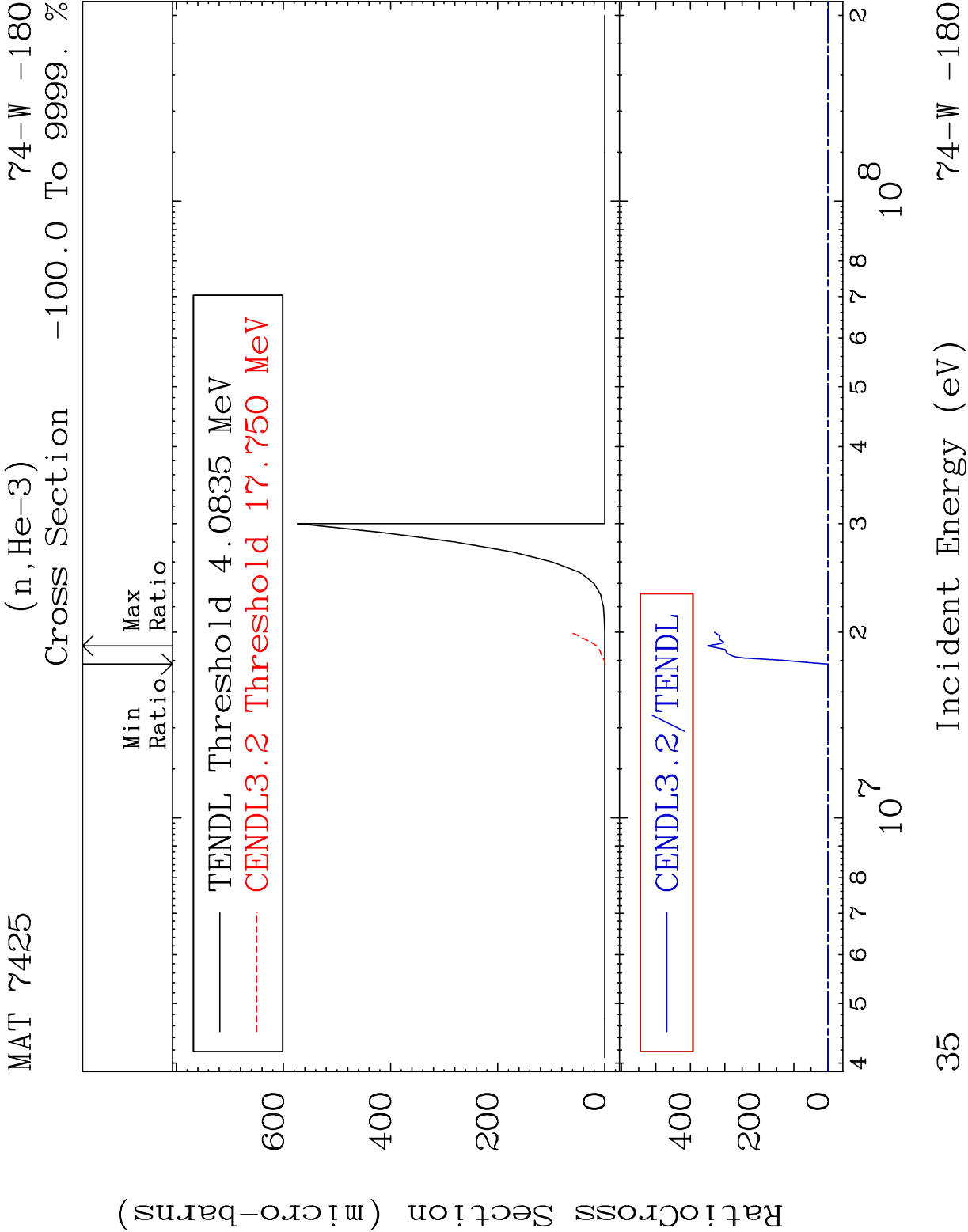


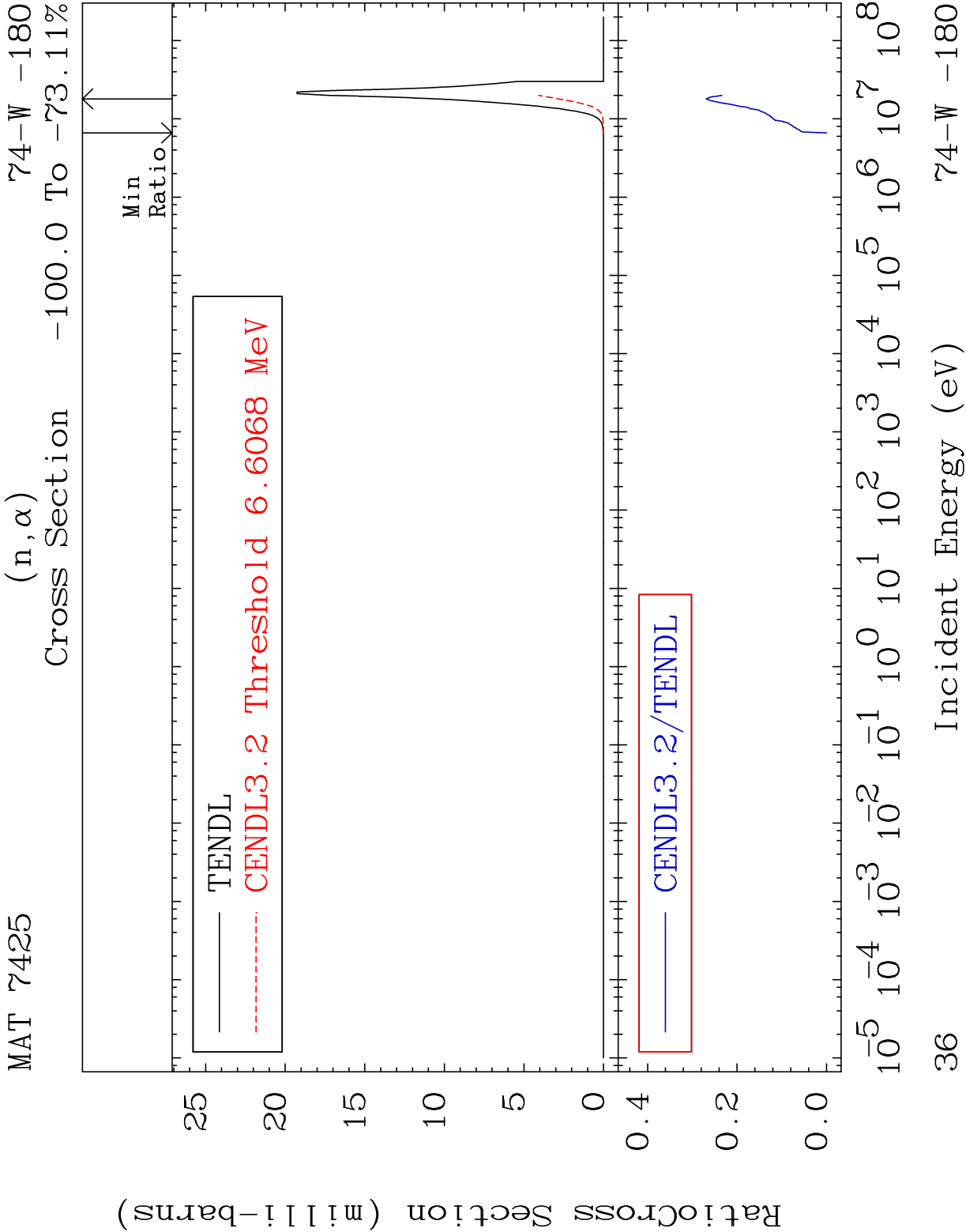


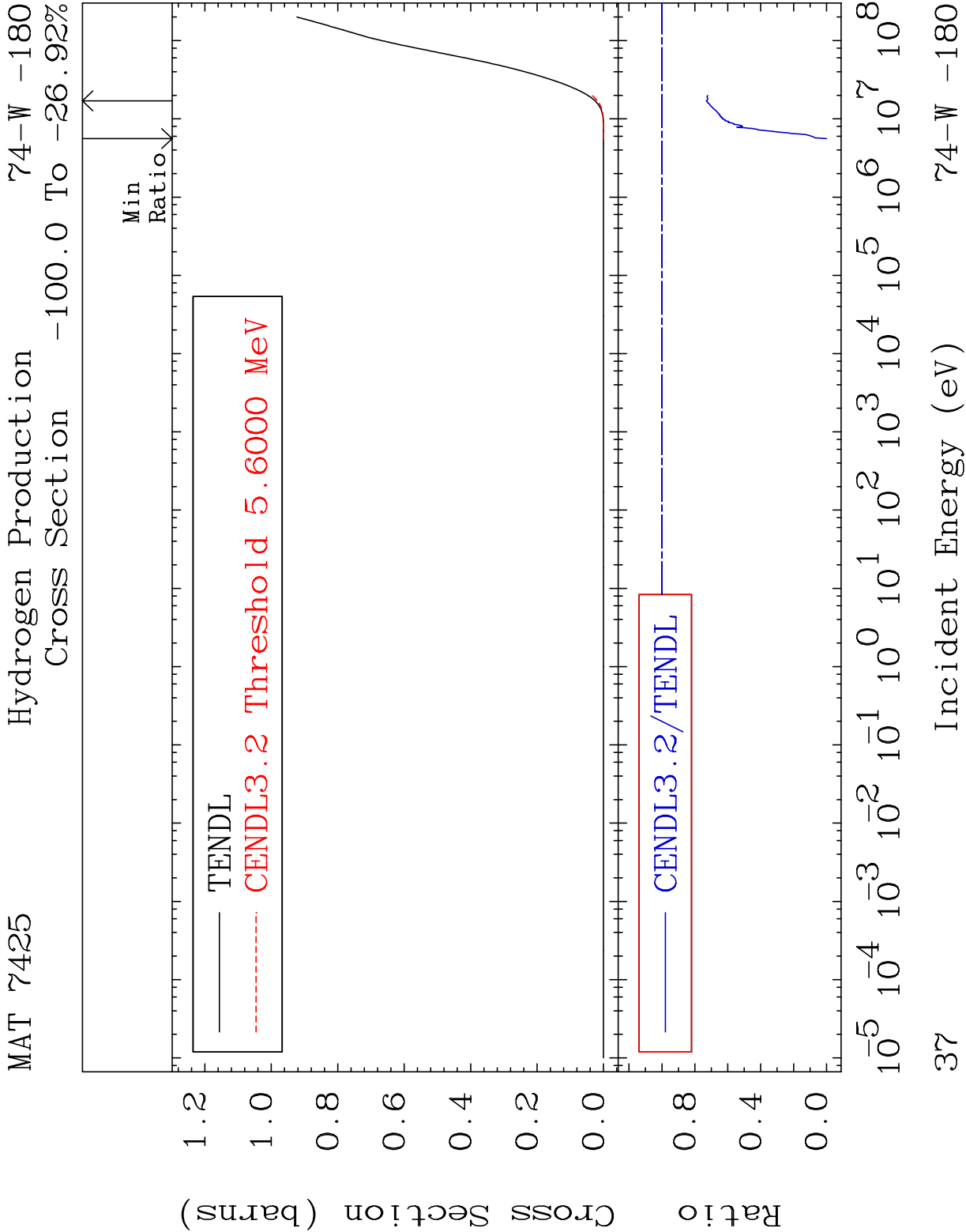




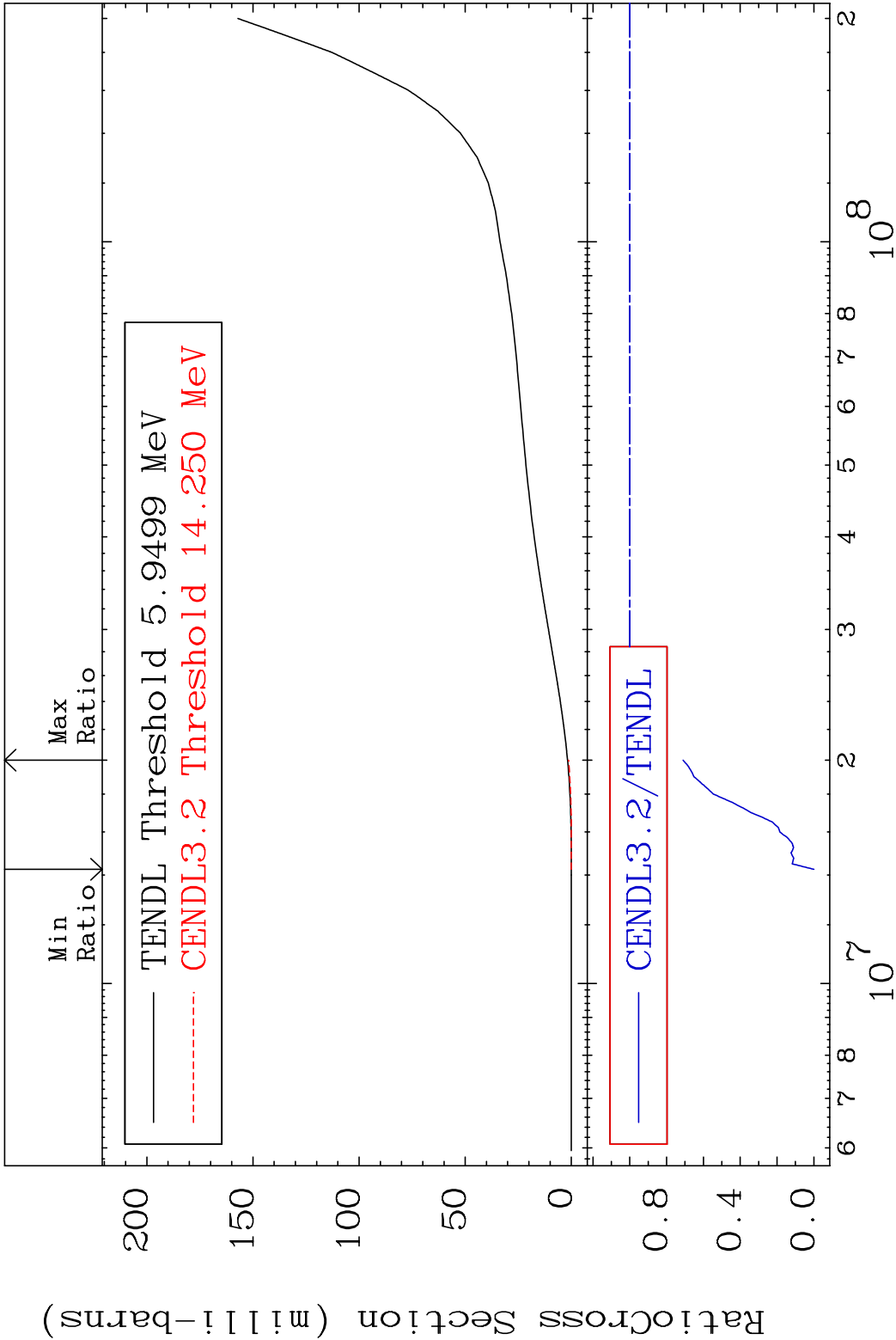


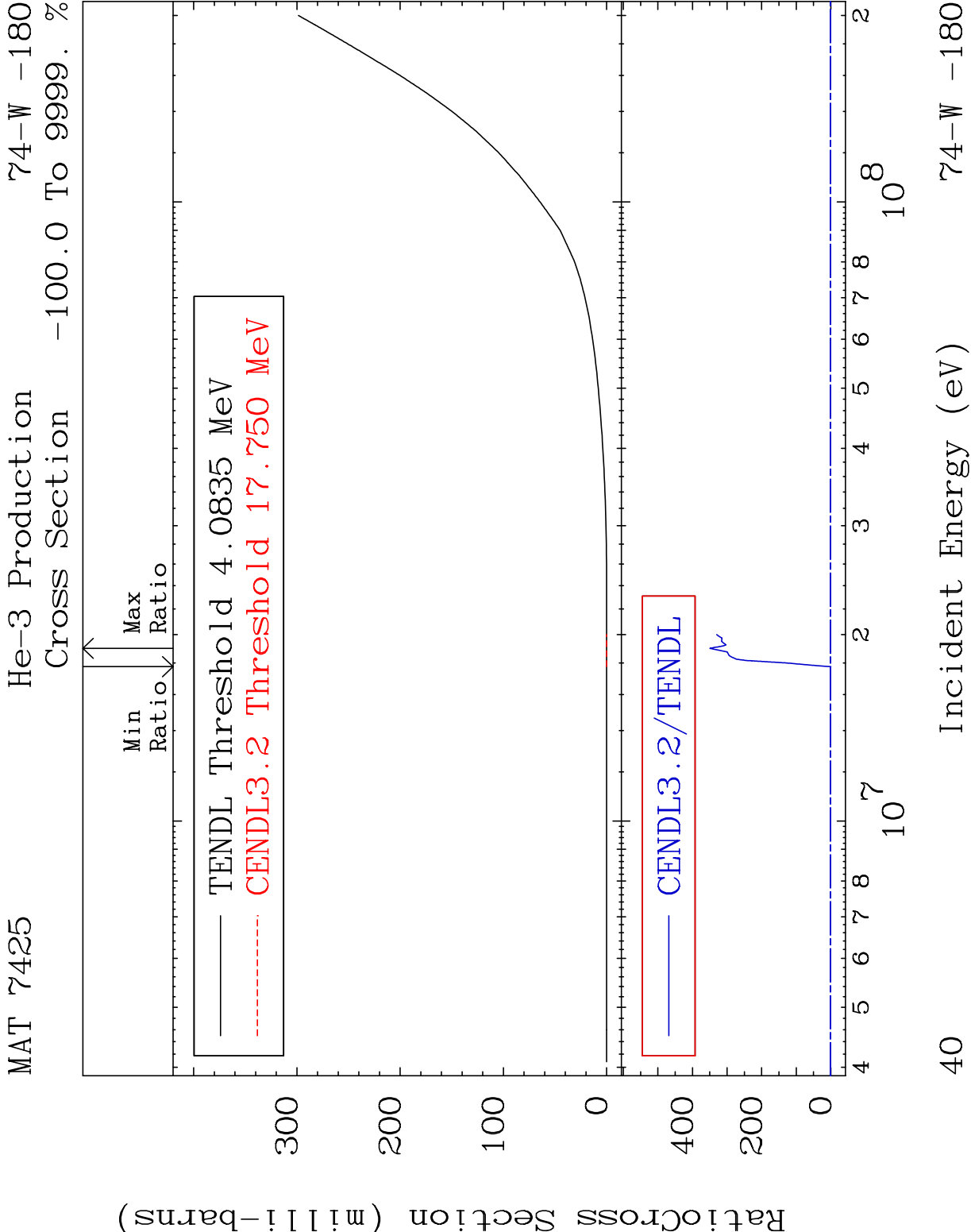


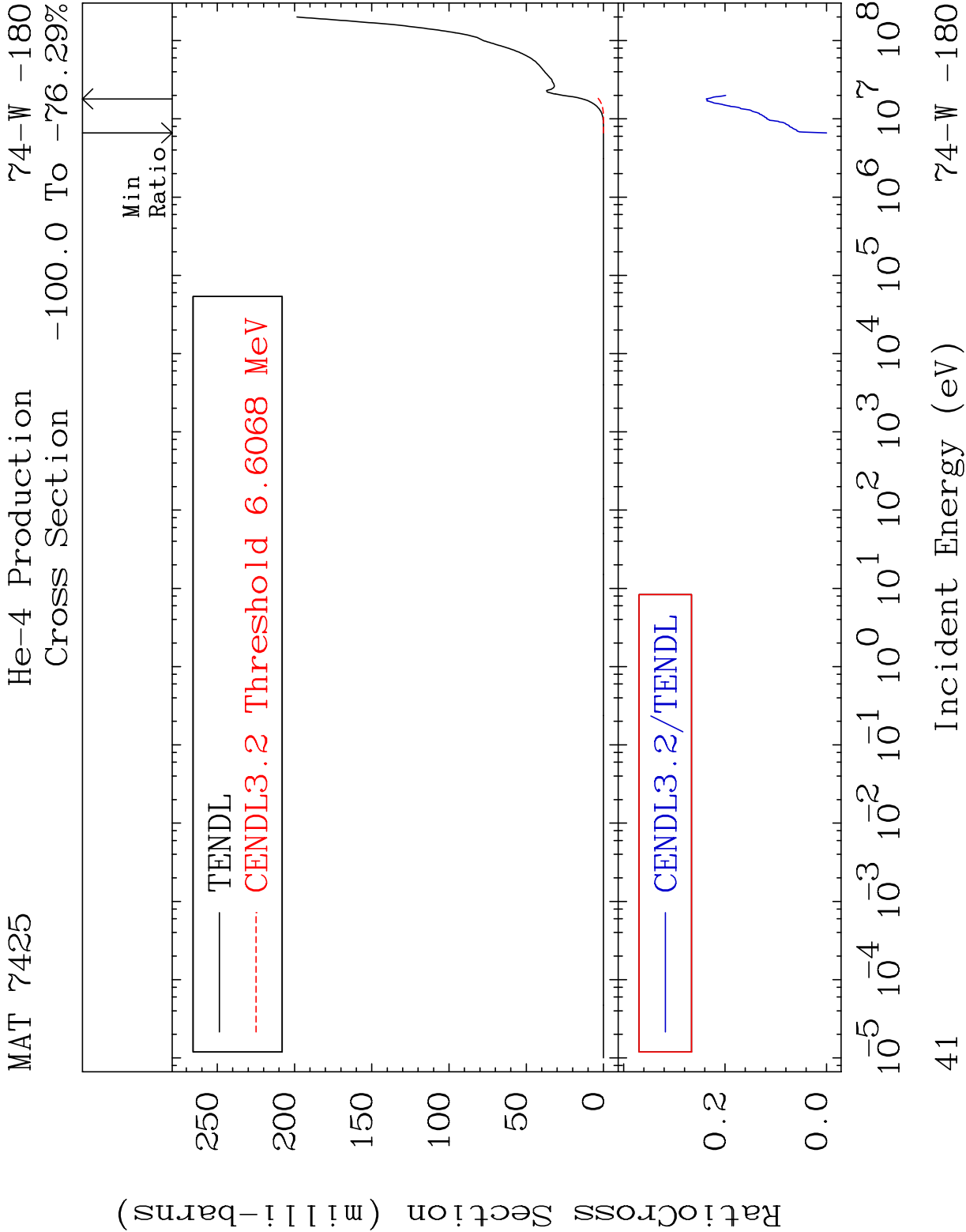






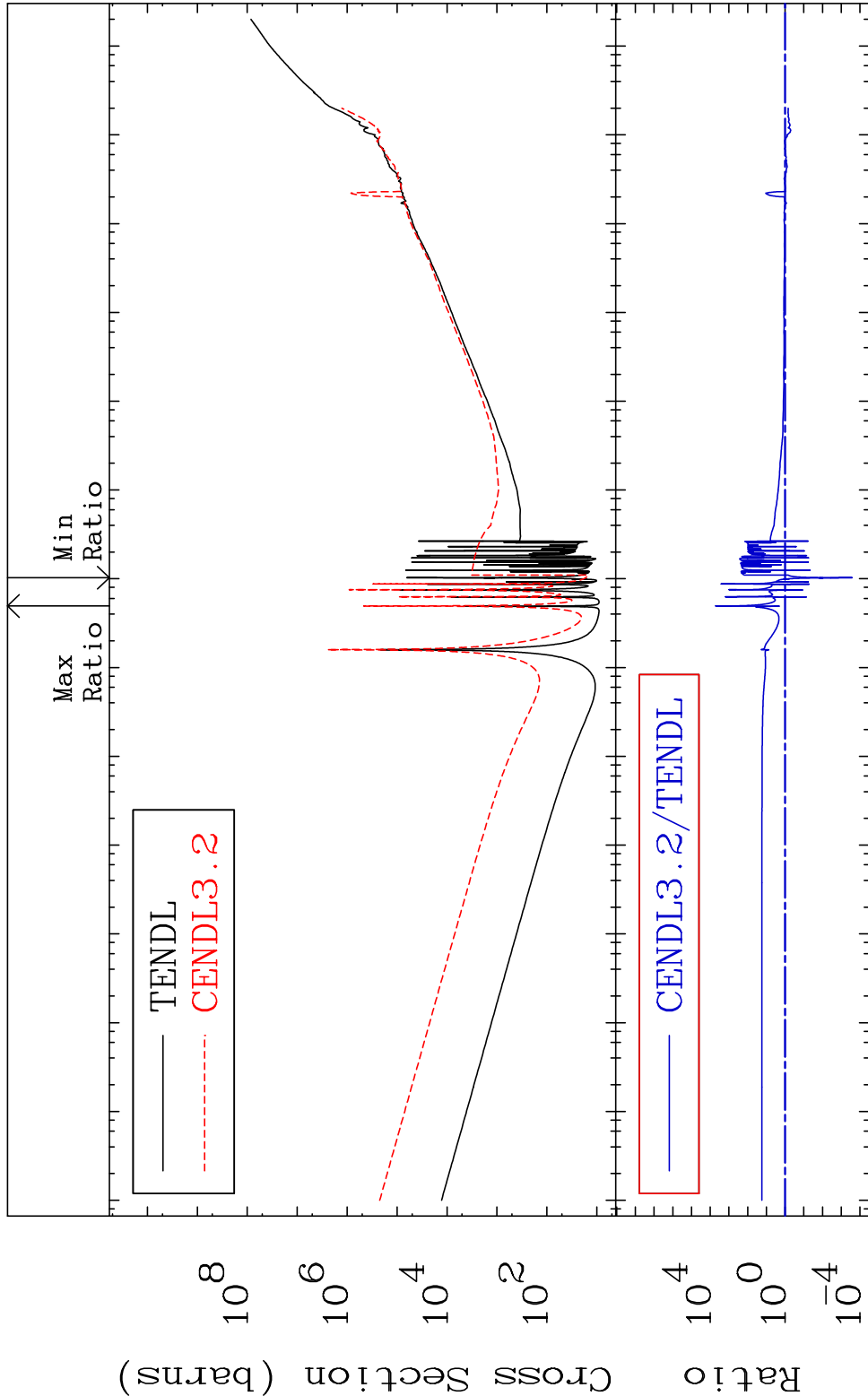




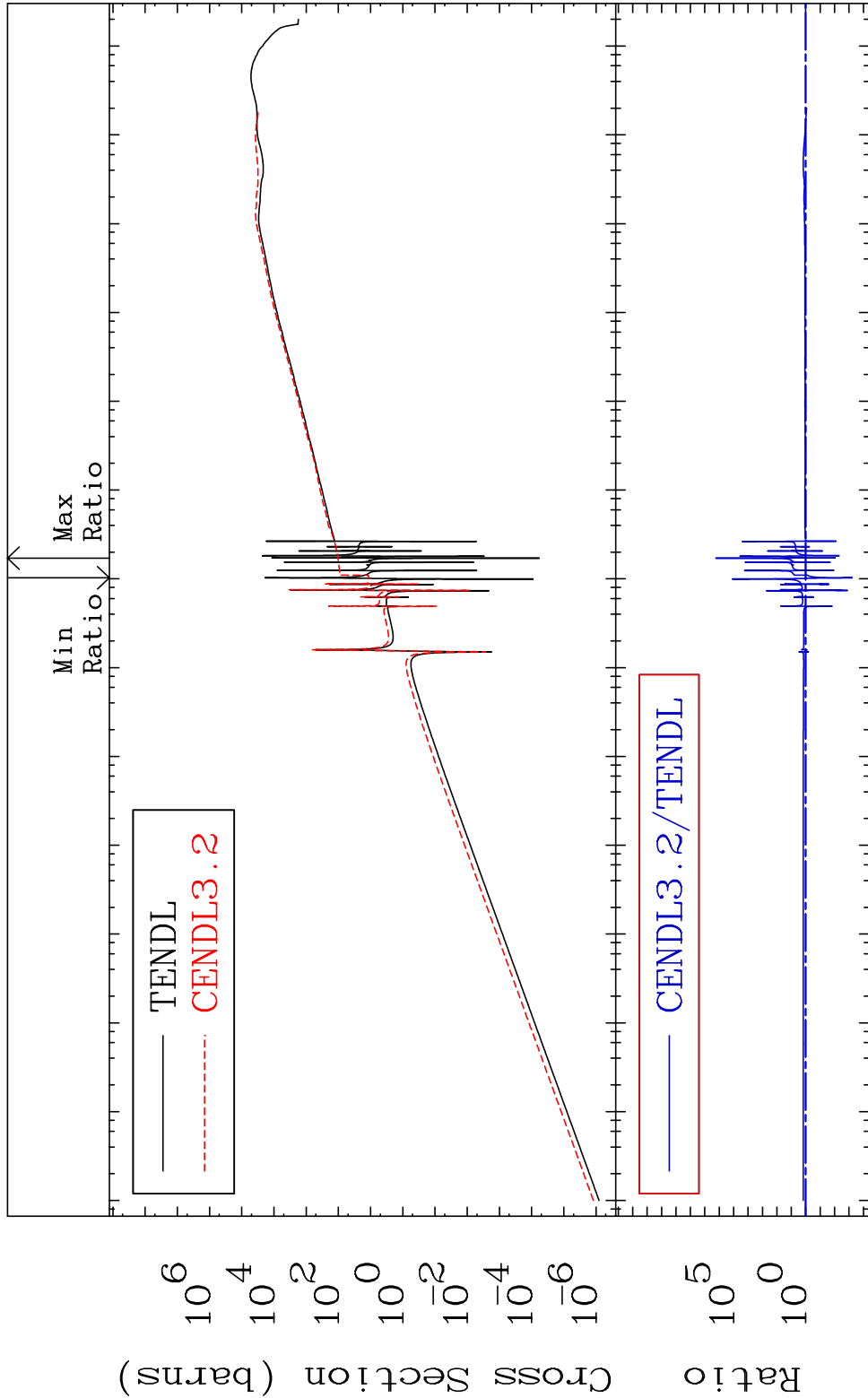


MAT 7425      Kerma total (eV-barns)      74-W -180

Cross Section      -99.97 To 9999. %

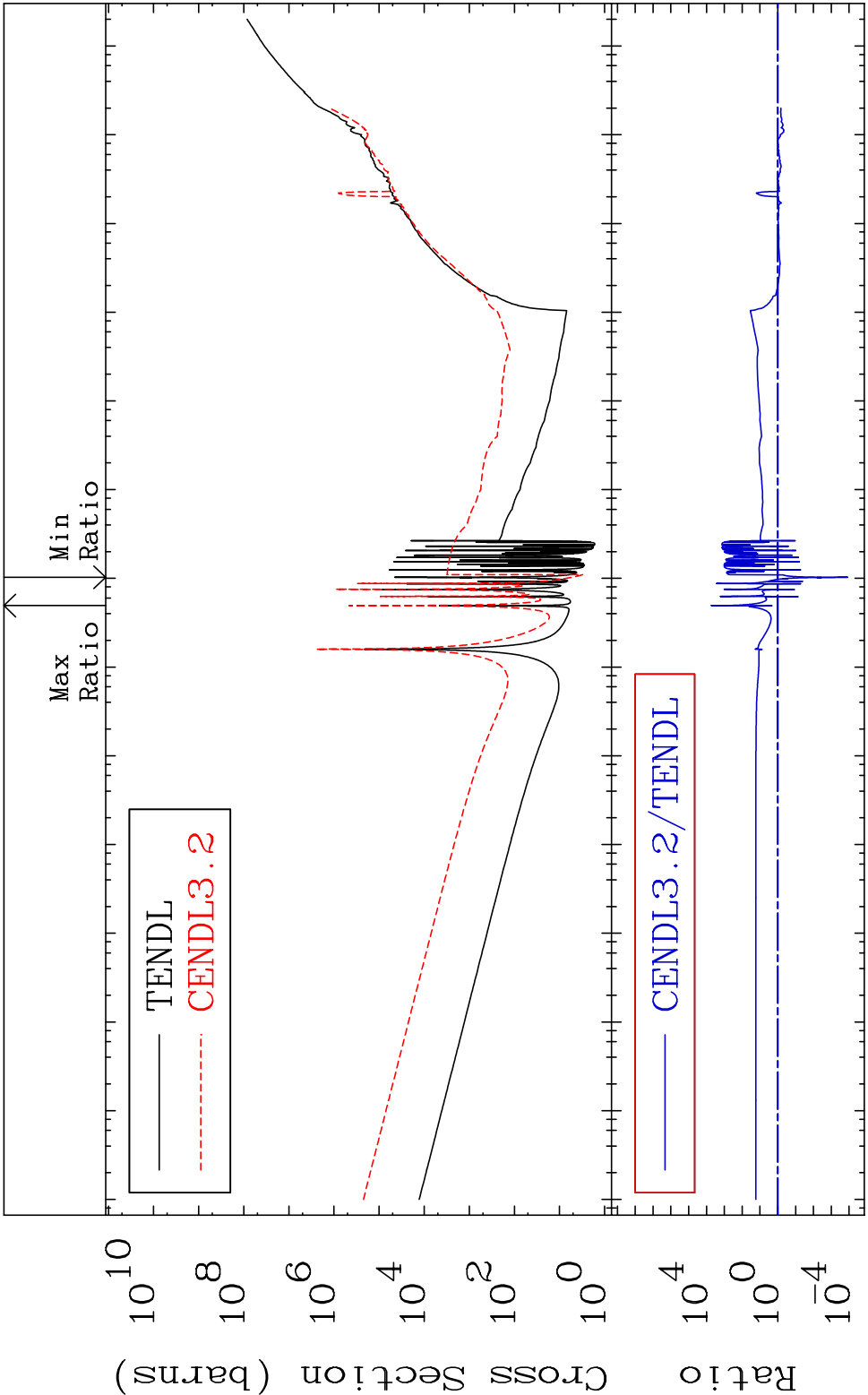


MAT 7425      Kerma elastic      74-W -180  
Cross Section      -99.94 To 9999. %



43      Incident Energy (eV)      74-W -180

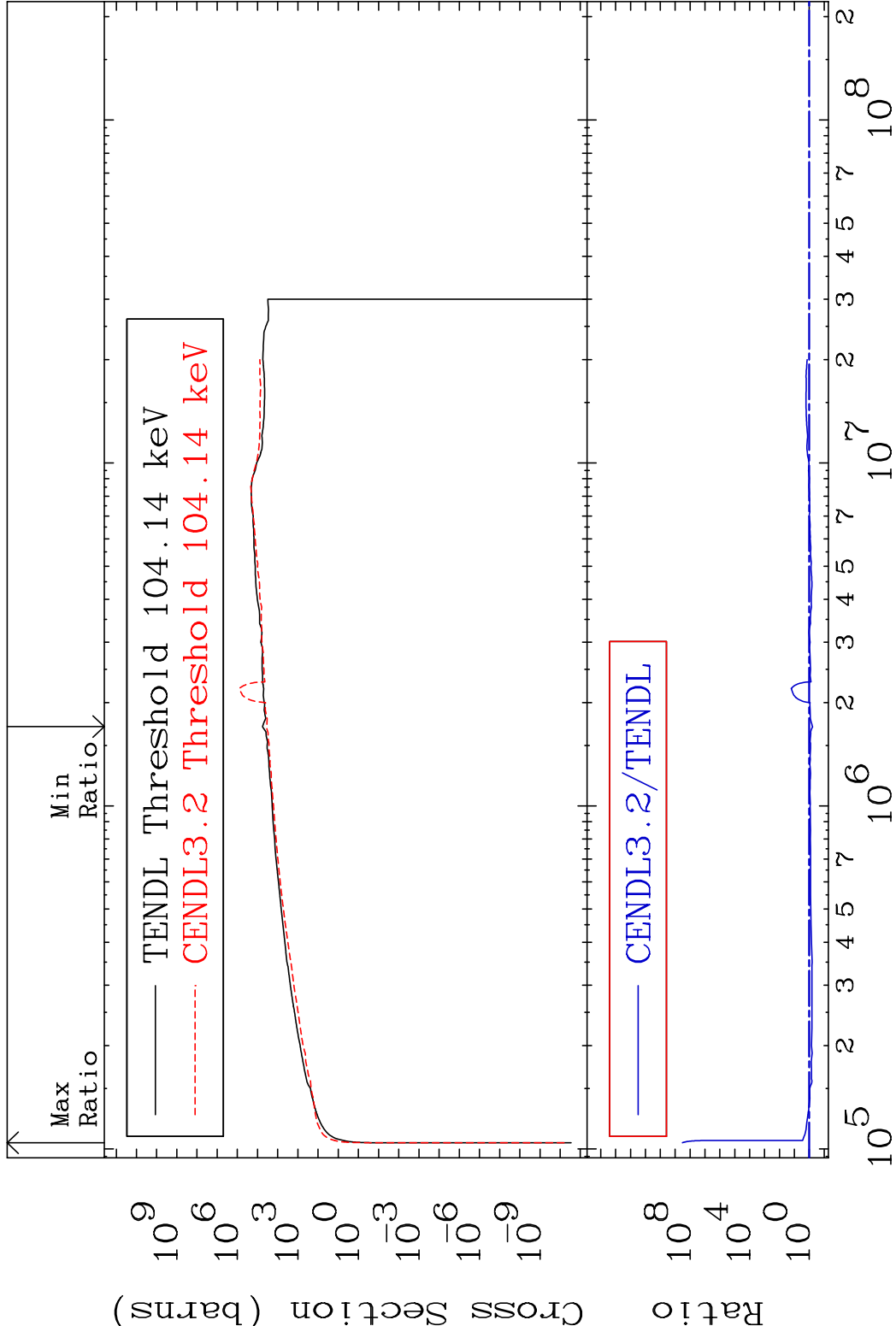
MAT 7425    Kerma non-elastic (all but mt2)    74-W -180  
 Cross Section    -99.99 To 9999. %



10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

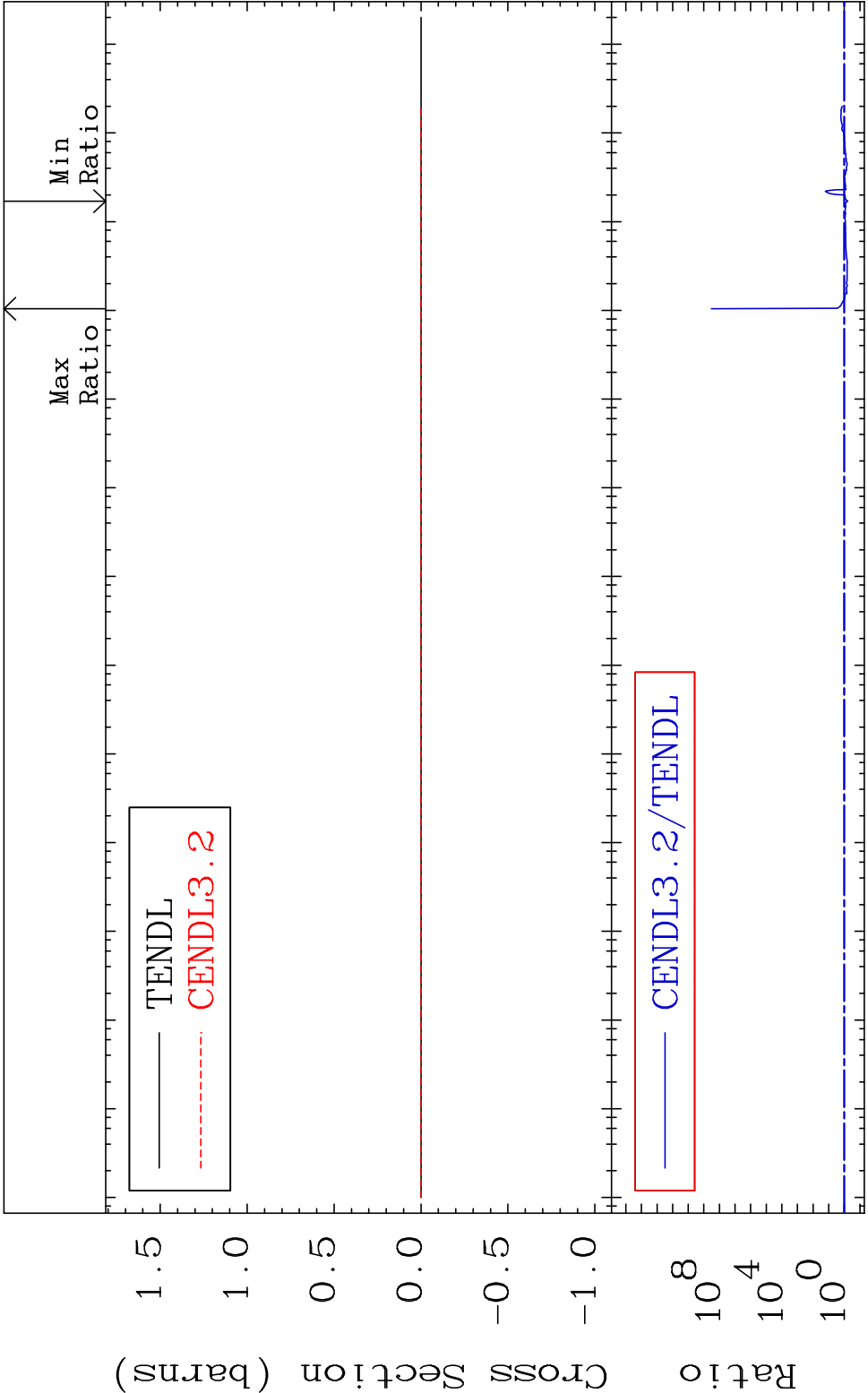
44    Incident Energy (eV)    74-W -180

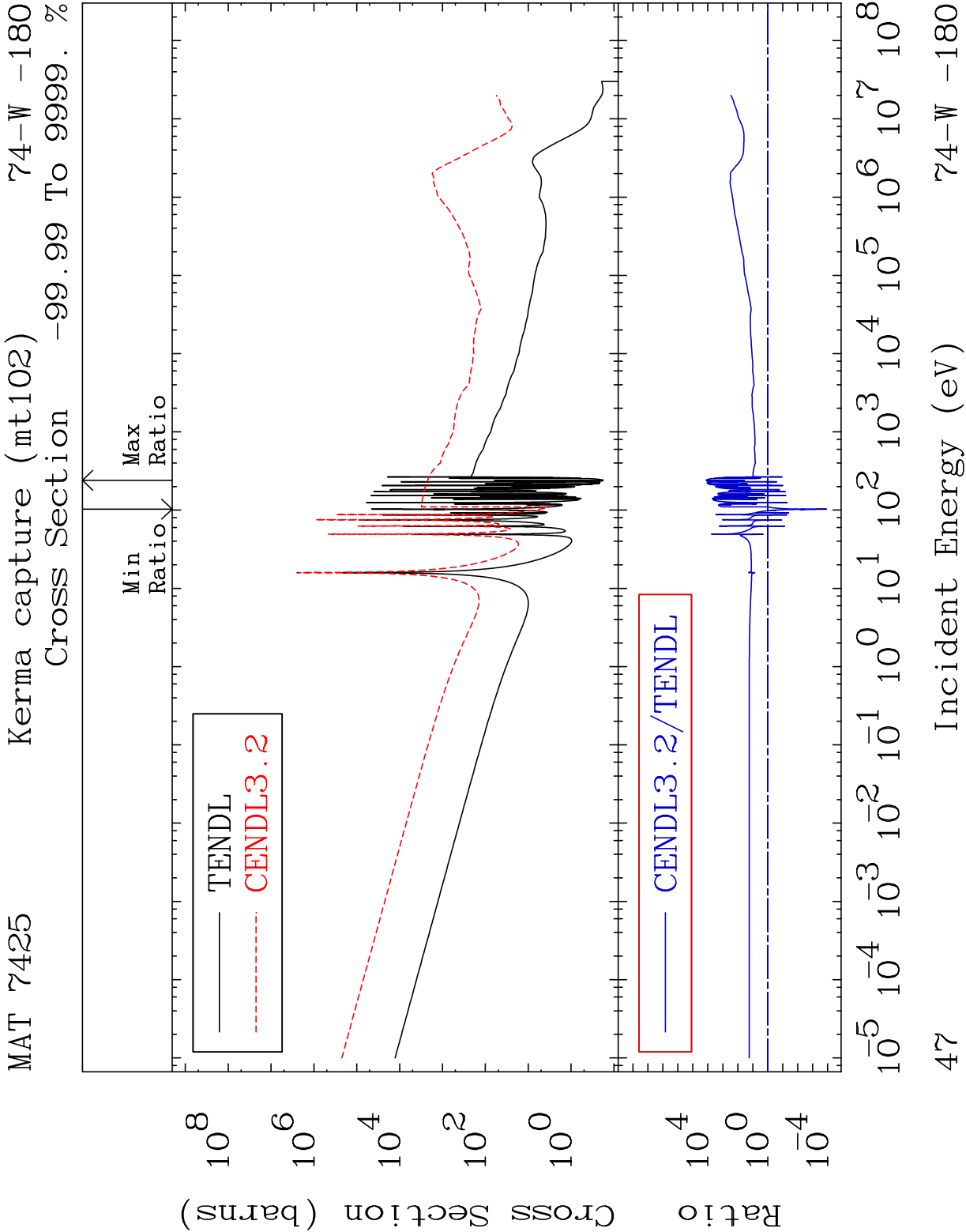
MAT 7425      Kerma inelastic (mt51-91)      74-W -180  
Cross Section      -39.84 To 9999. %

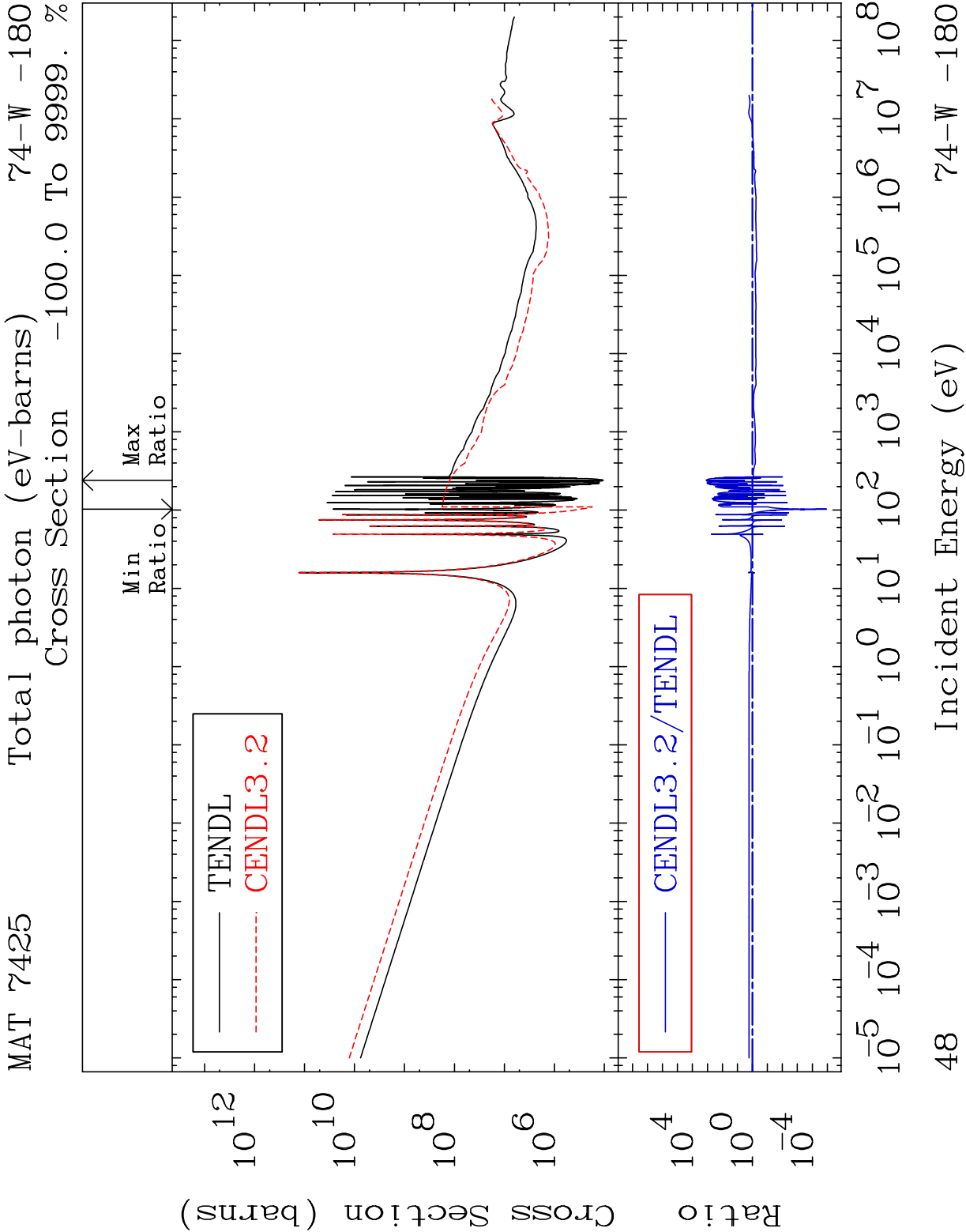


45      Incident Energy (eV)      74-W -180

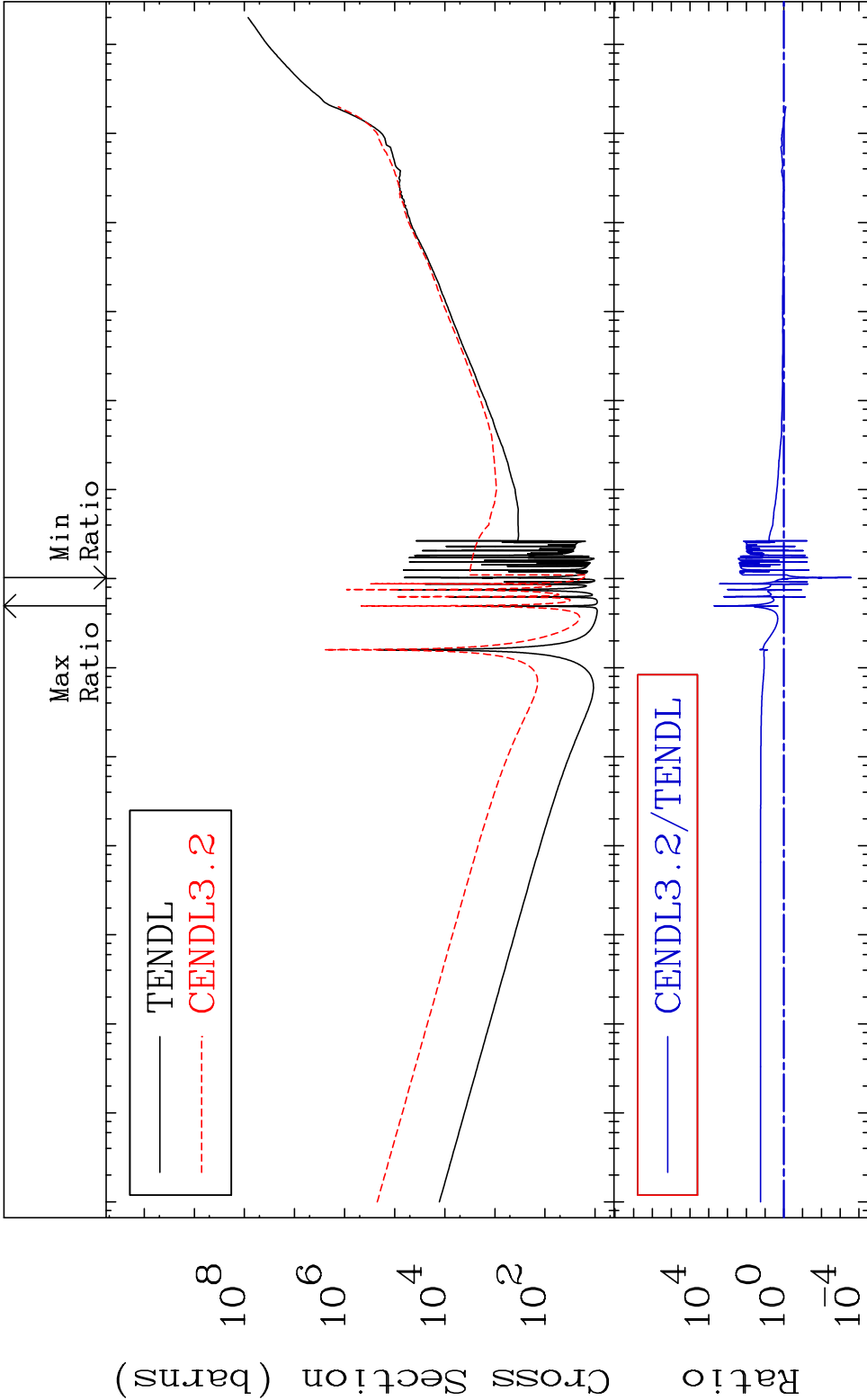
MAT 7425 Kerma fission (mt18 or mt19-20-21-38)74-W -180  
Cross Section -39.84 To 9999. %



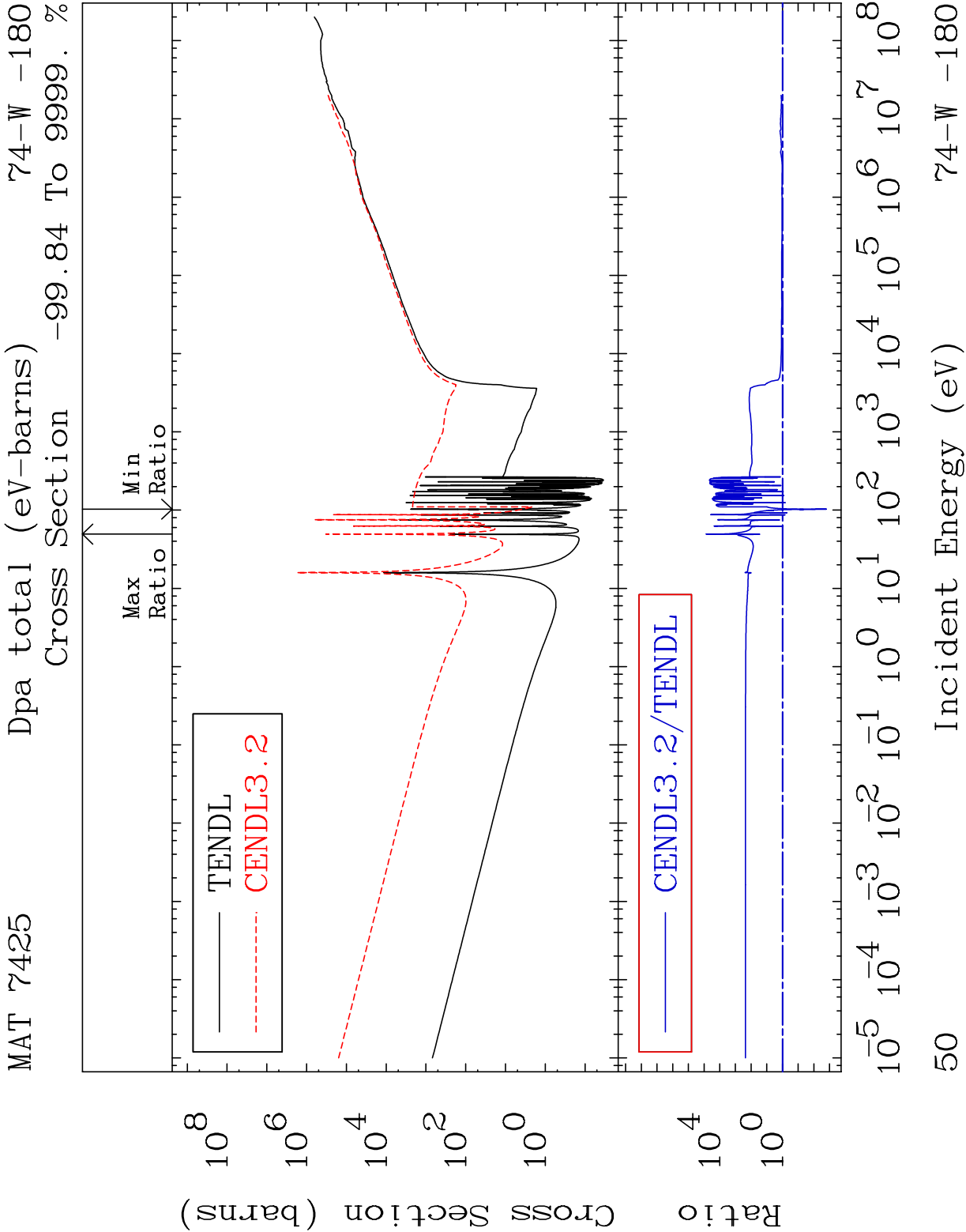




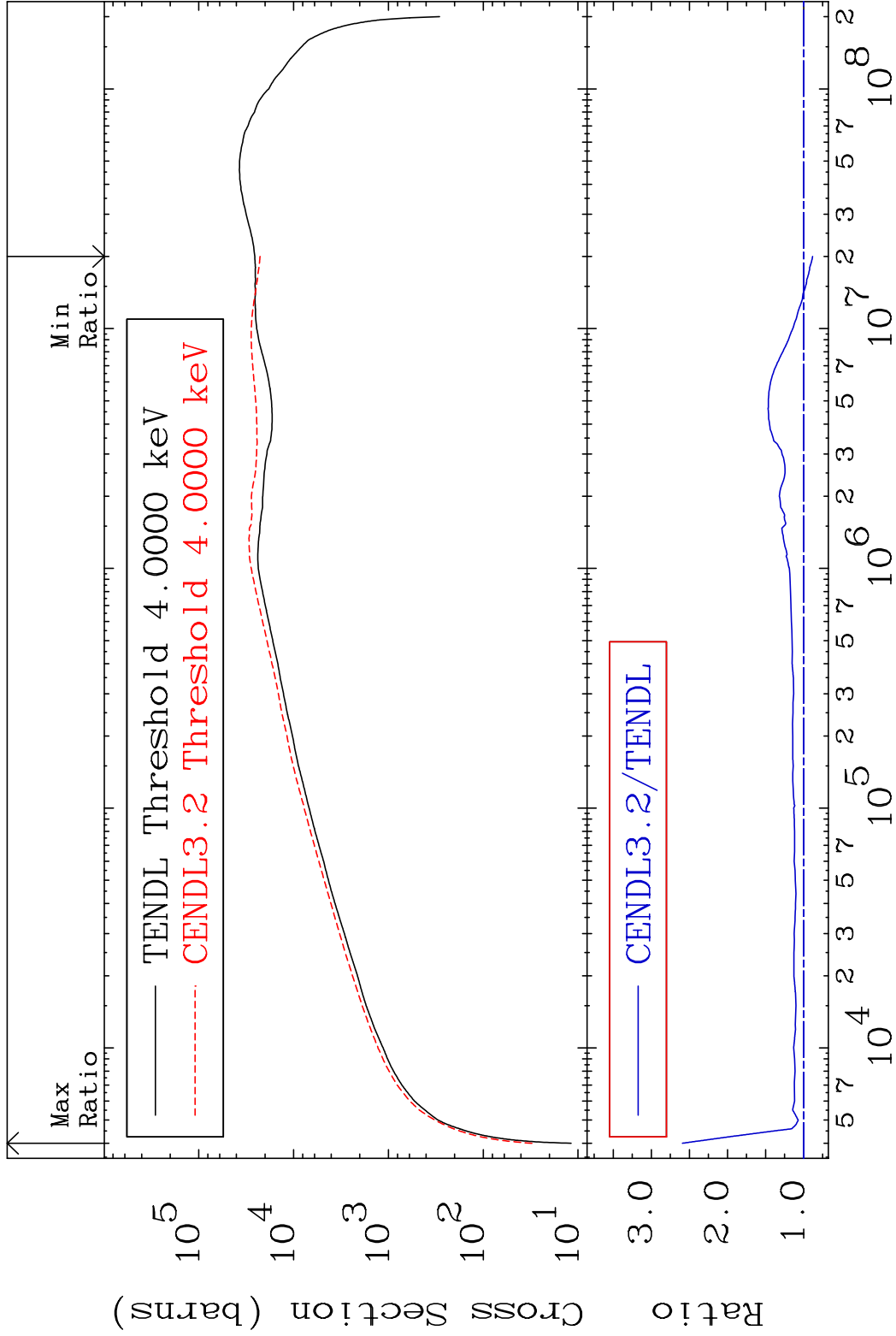
MAT 7425 Total kinematic kerma (high limit) 74-W -180  
Cross Section -99.97 To 9999. %

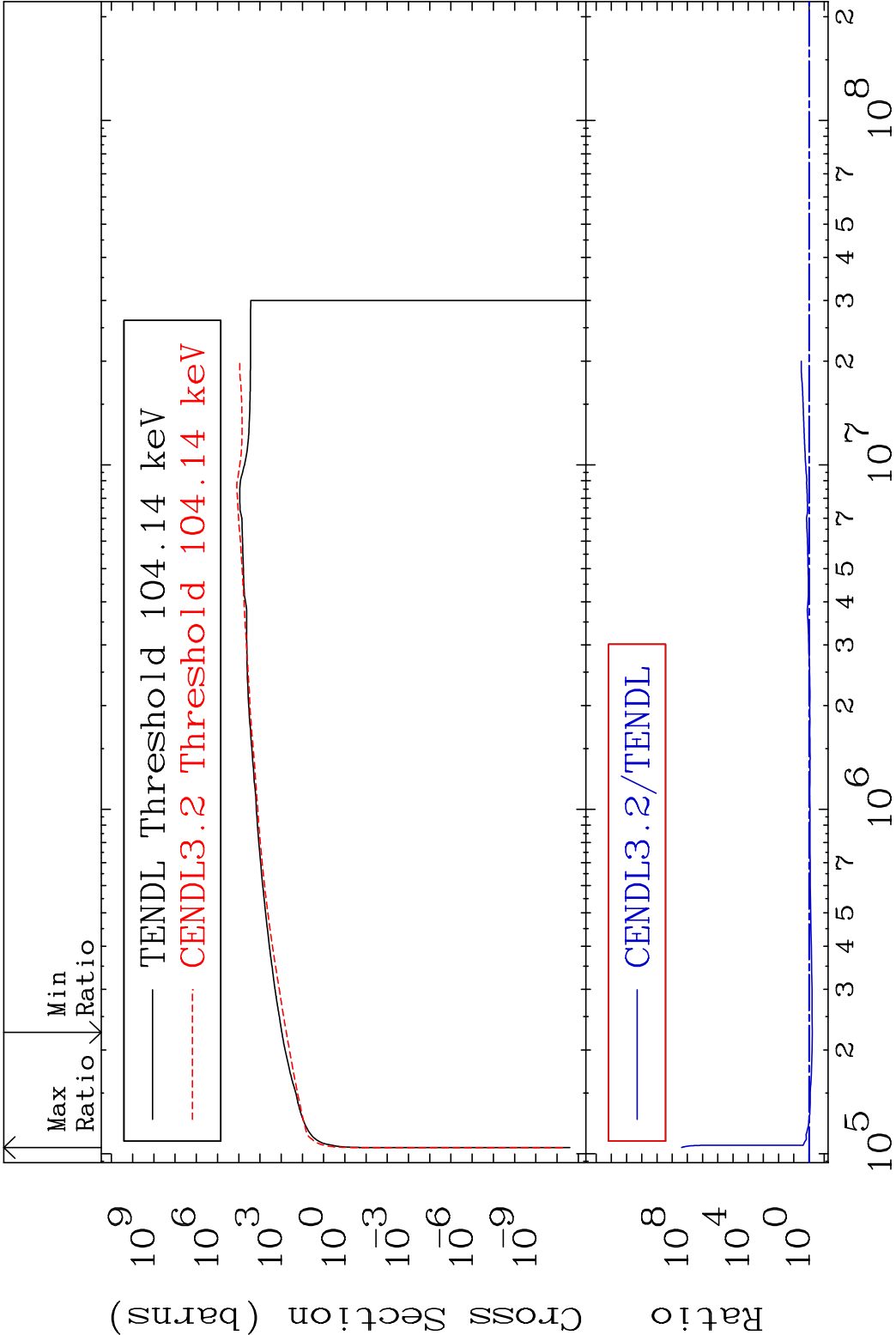


49 Incident Energy (eV) 74-W -180

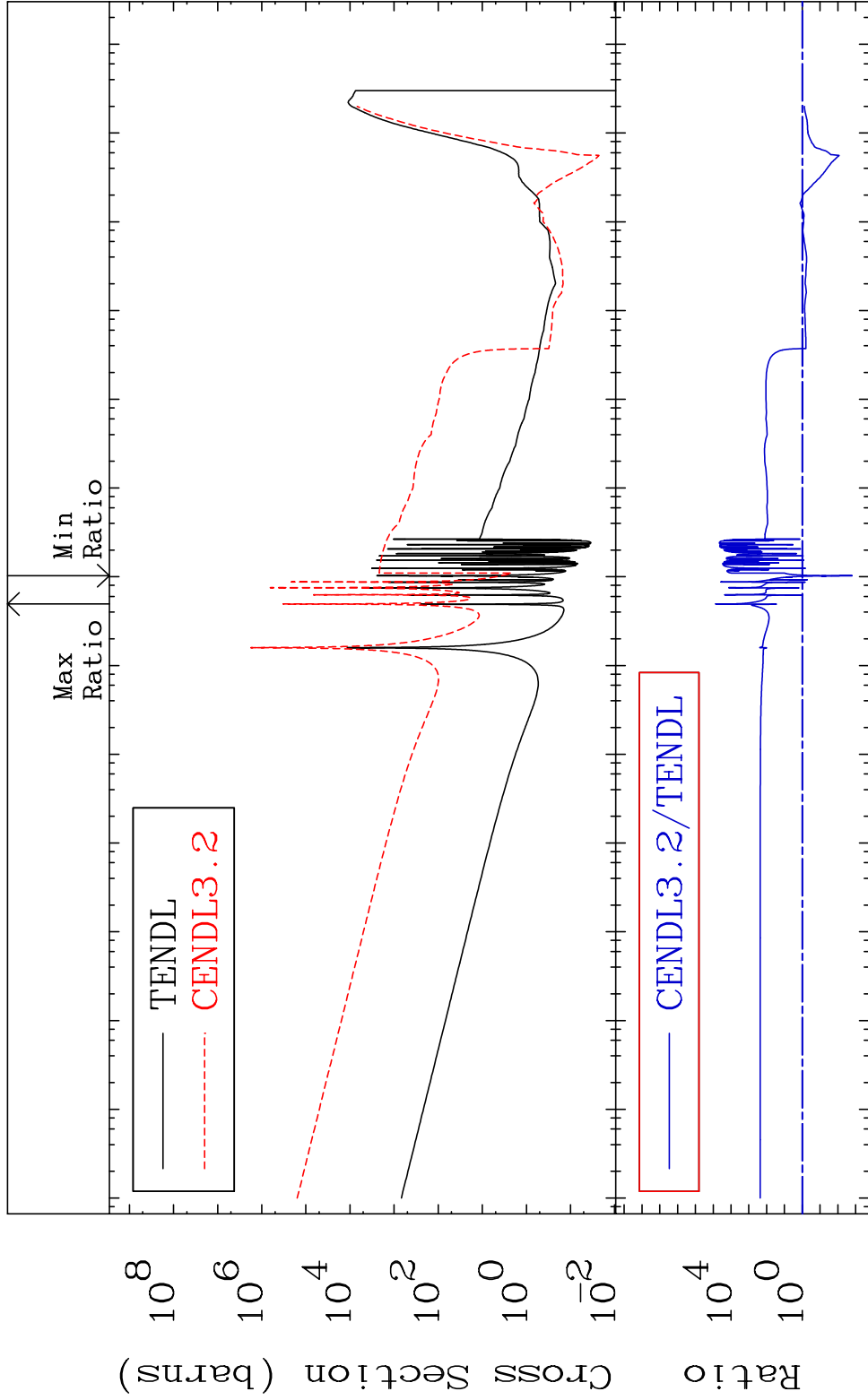


MAT 7425      Dpa elastic (mt2)      74-W -180  
Cross Section      -11.76 To 159.3 %

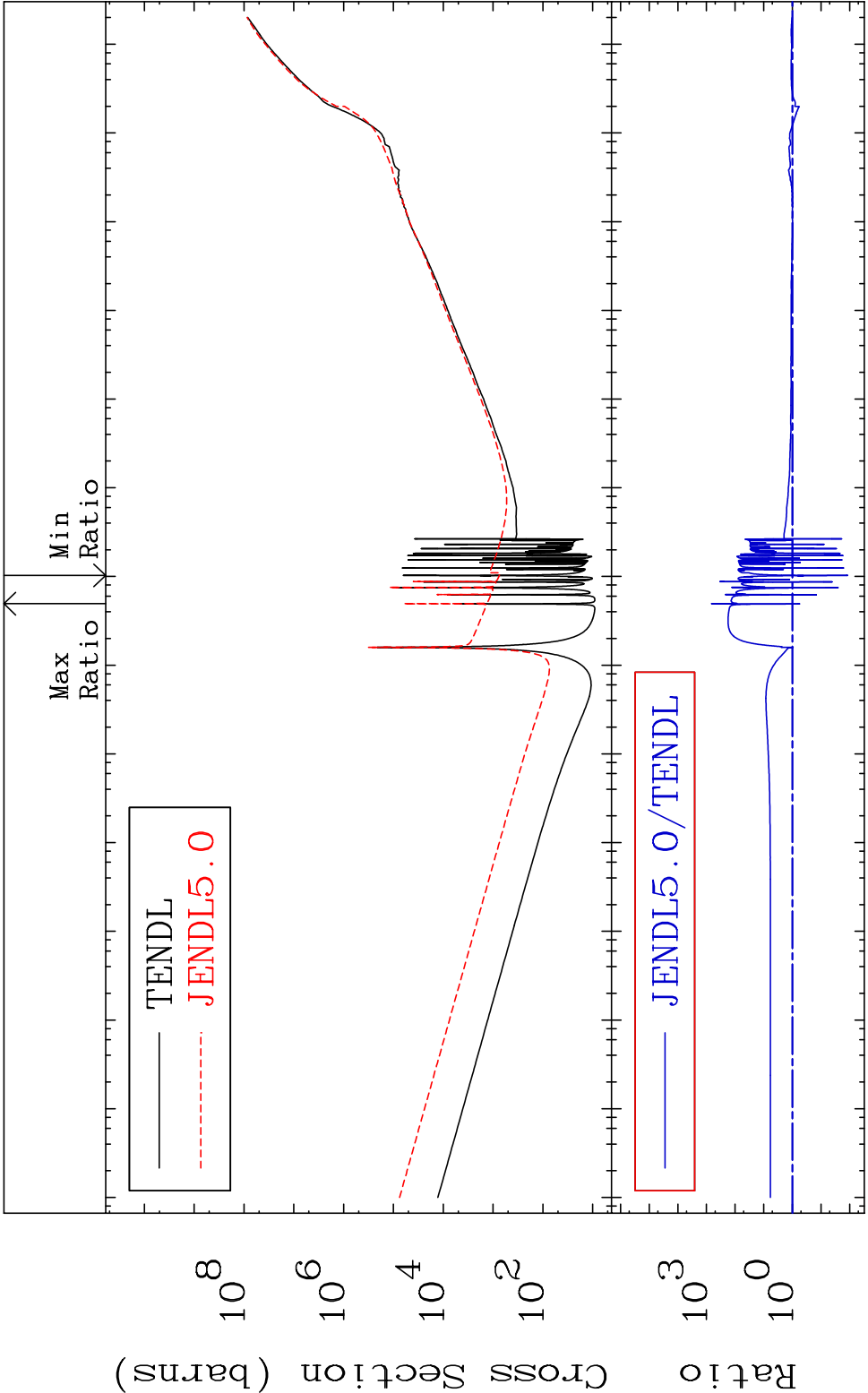




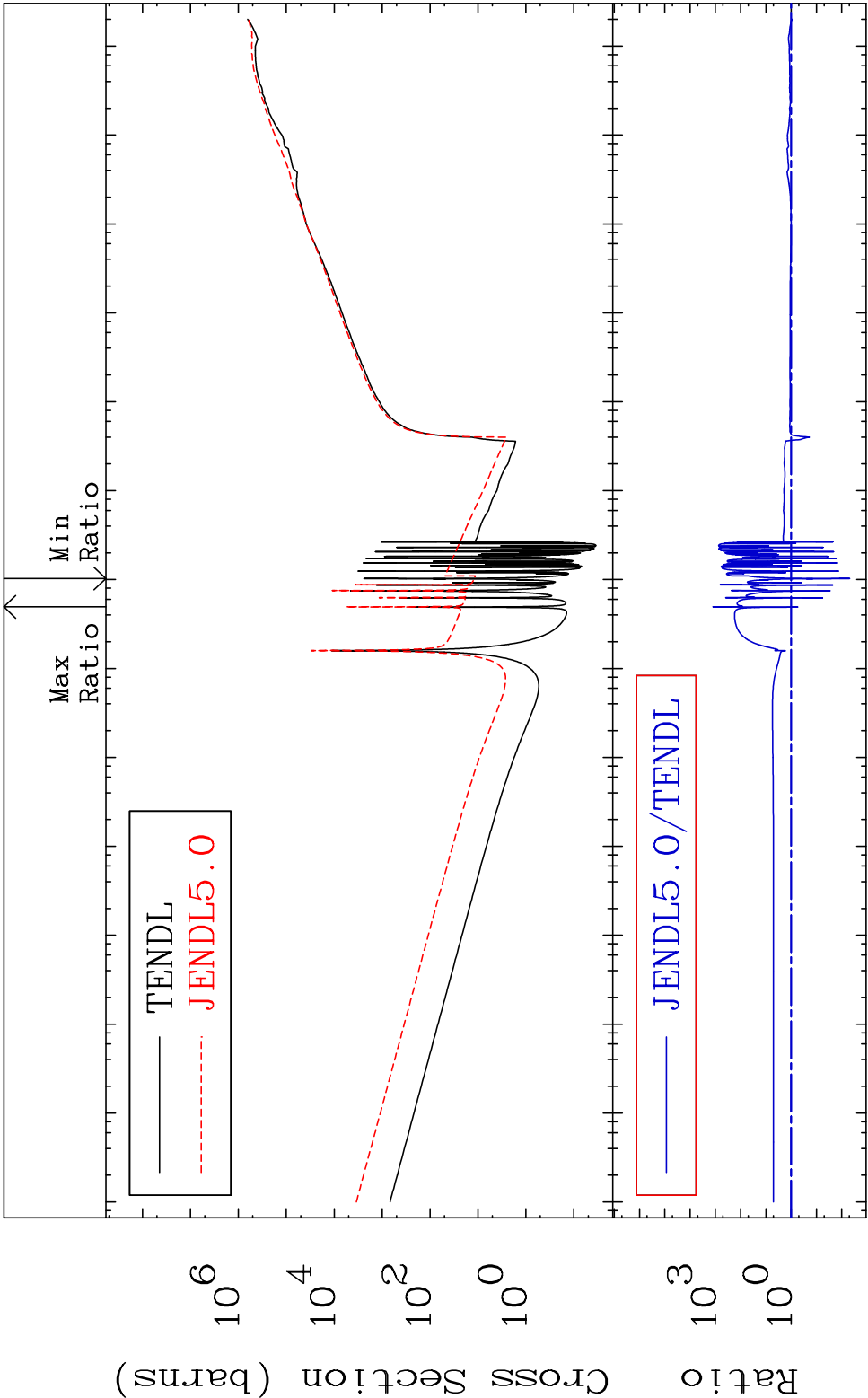
MAT 7425    Dpa disappearance (mt102 -120)    74-W -180  
Cross Section    -99.84 To 9999. %

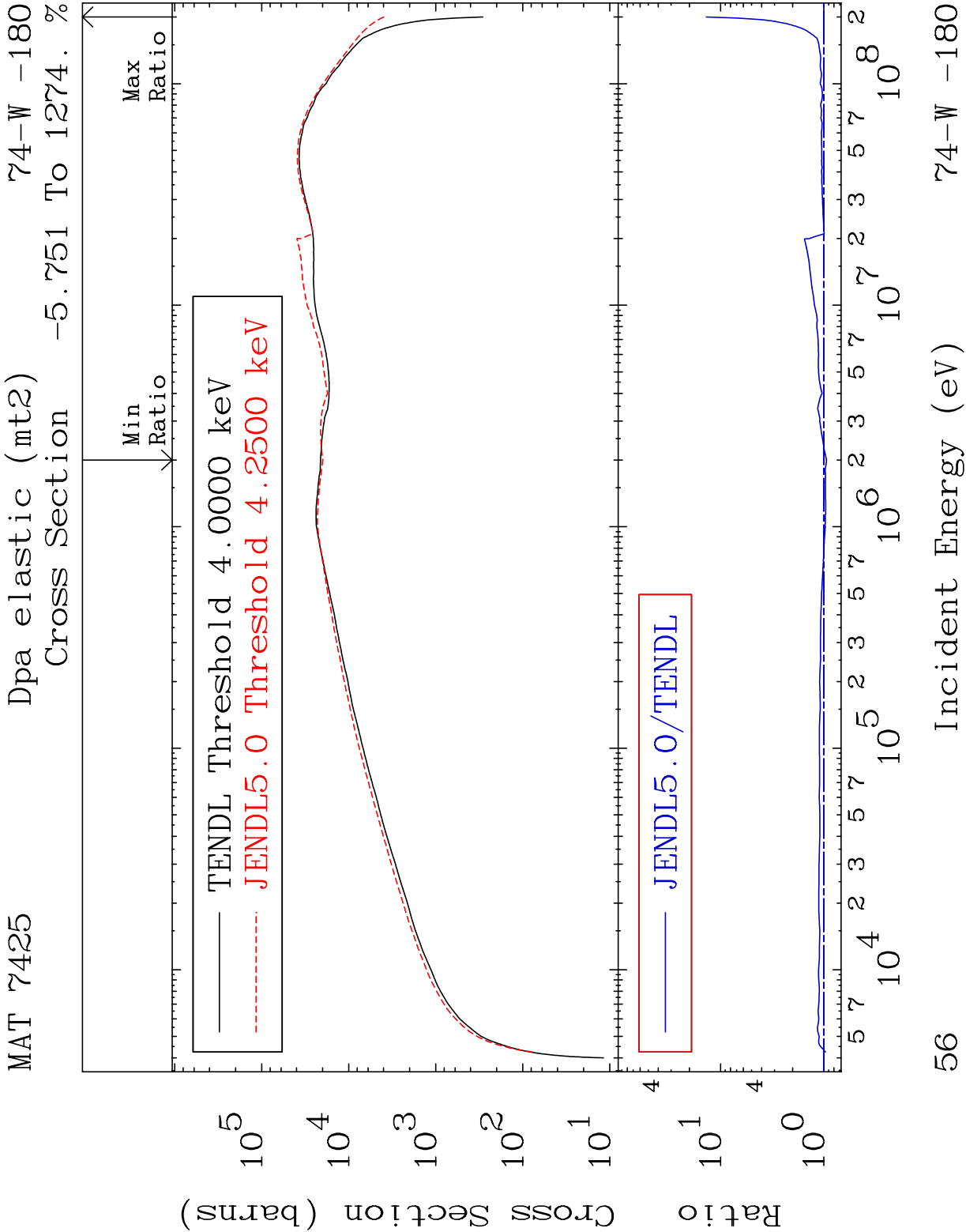


MAT 7425 Total kinematic kerma (high limit) 74-W -180  
Cross Section -98.83 To 9999. %

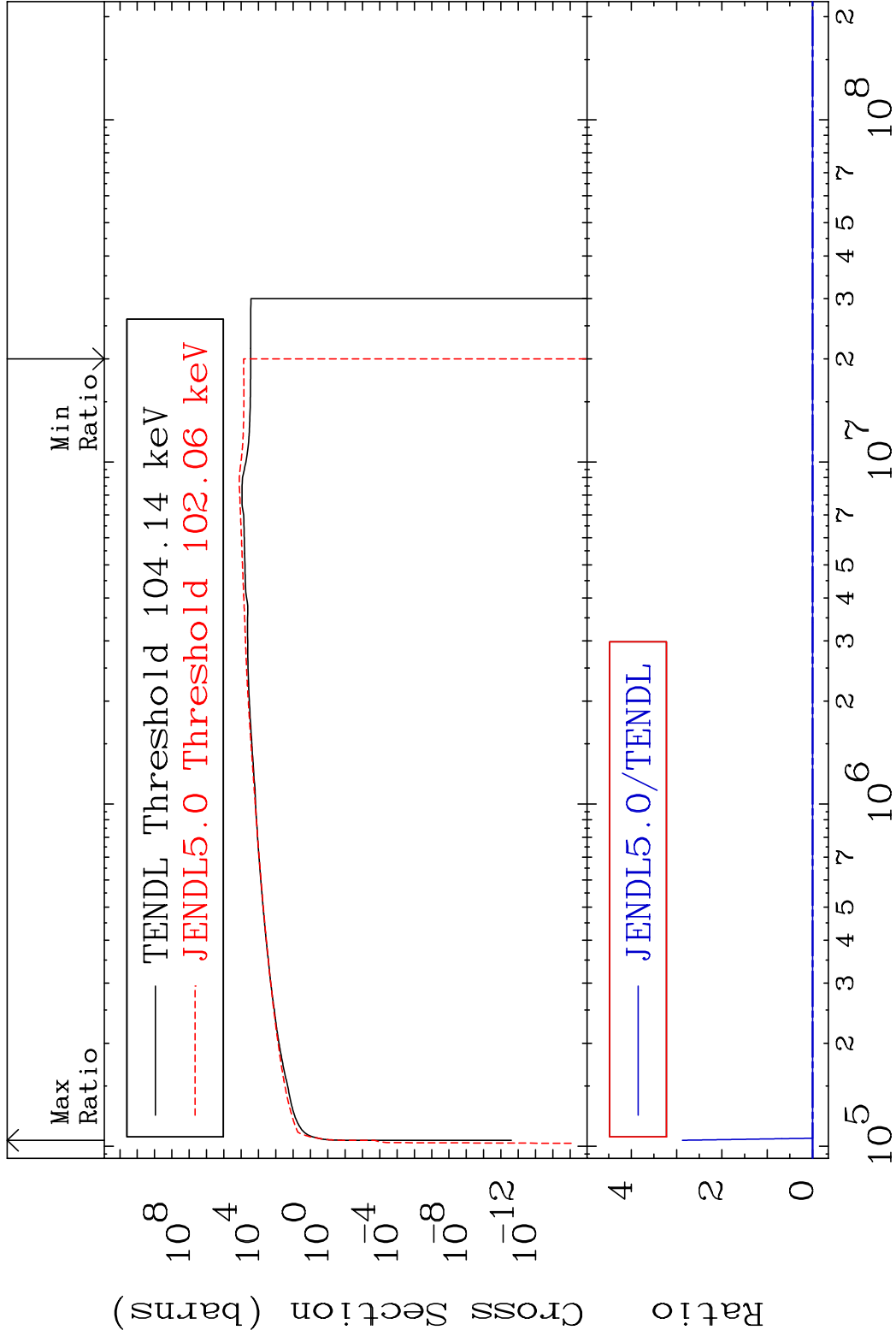


MAT 7425      Dpa total (eV-barns)      74-W -180  
Cross Section      -99.51 To 9999. %



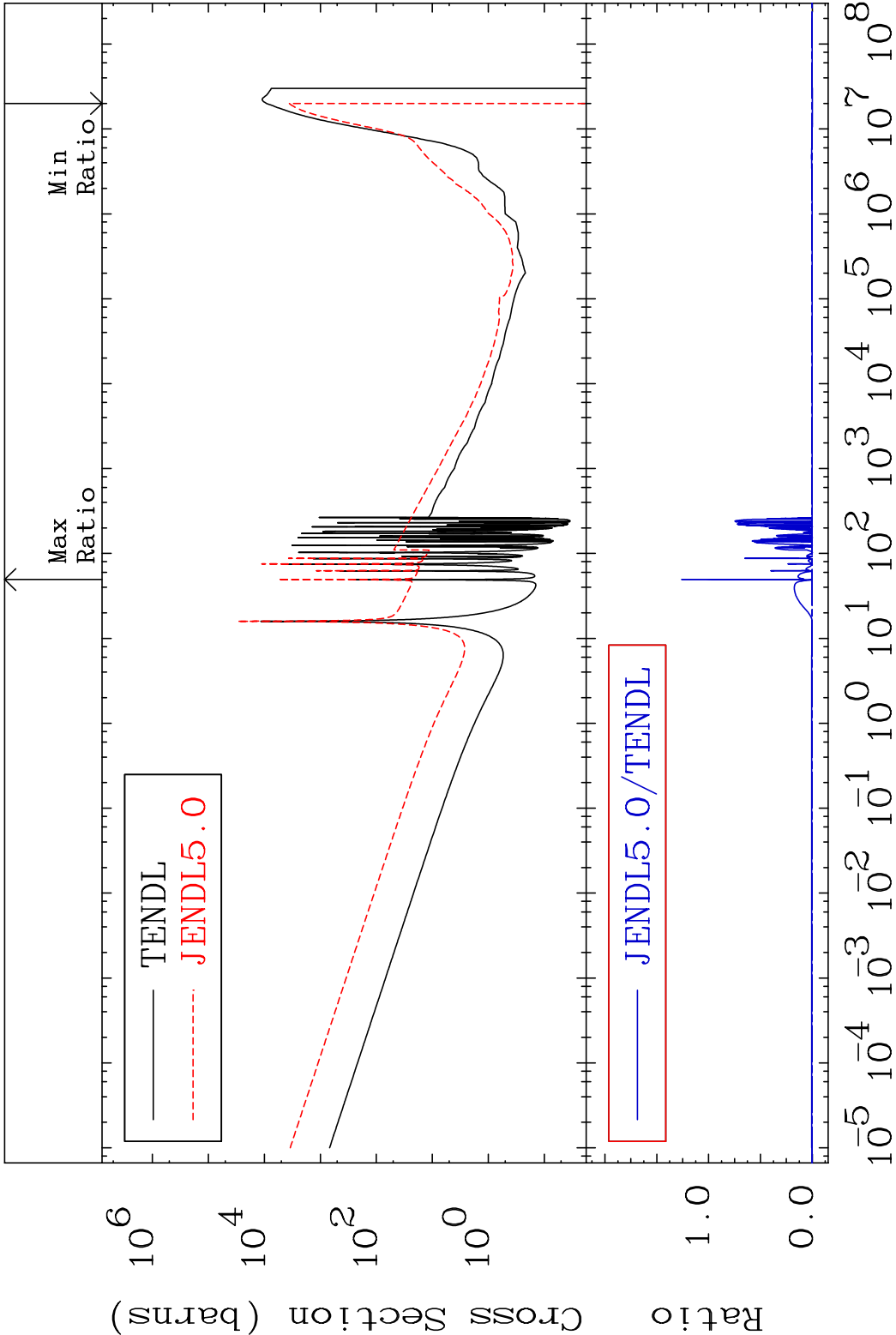


MAT 7425      Dpa inelastic (mt51-91)      74-W -180  
Cross Section      -100.0 To 9999. %

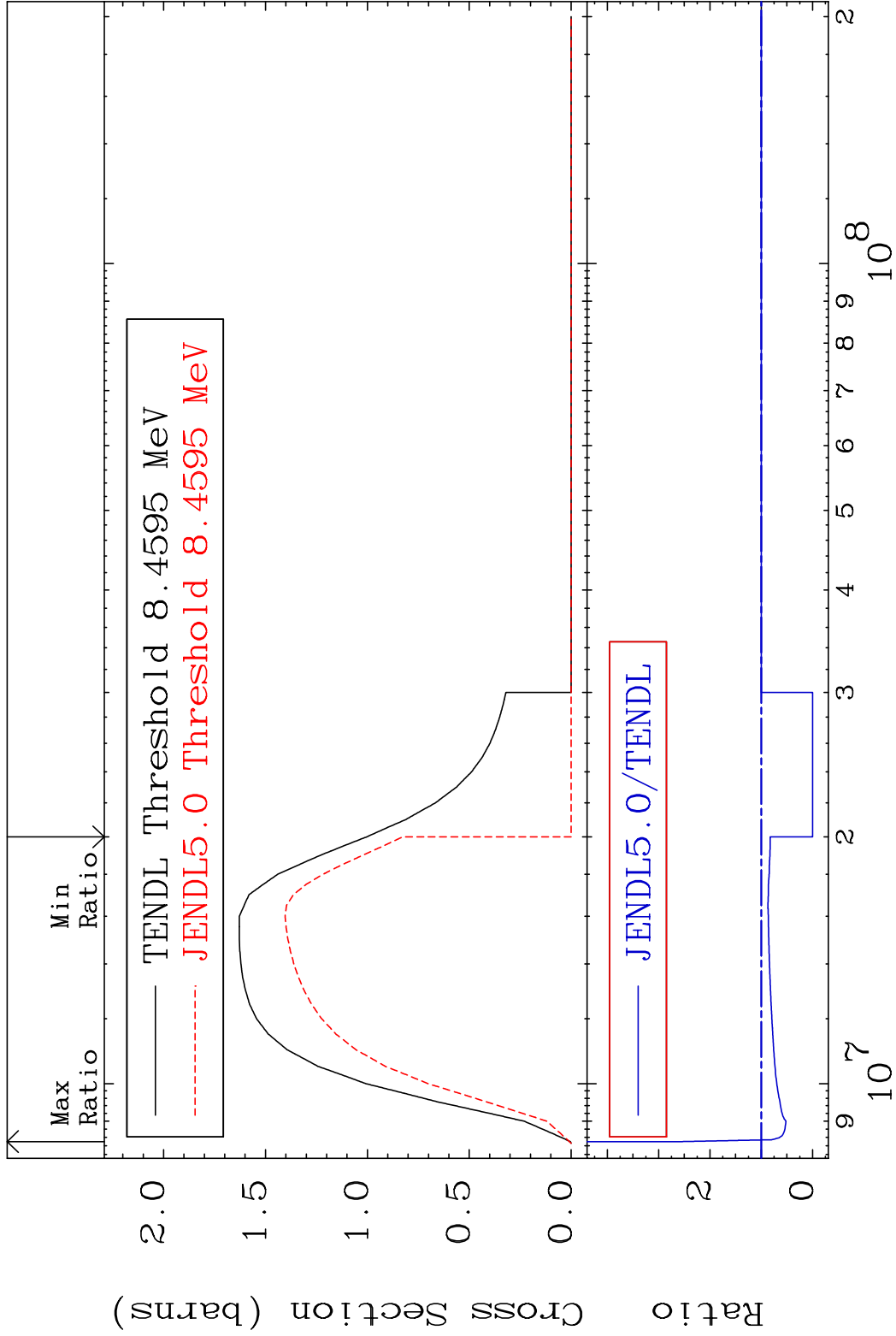


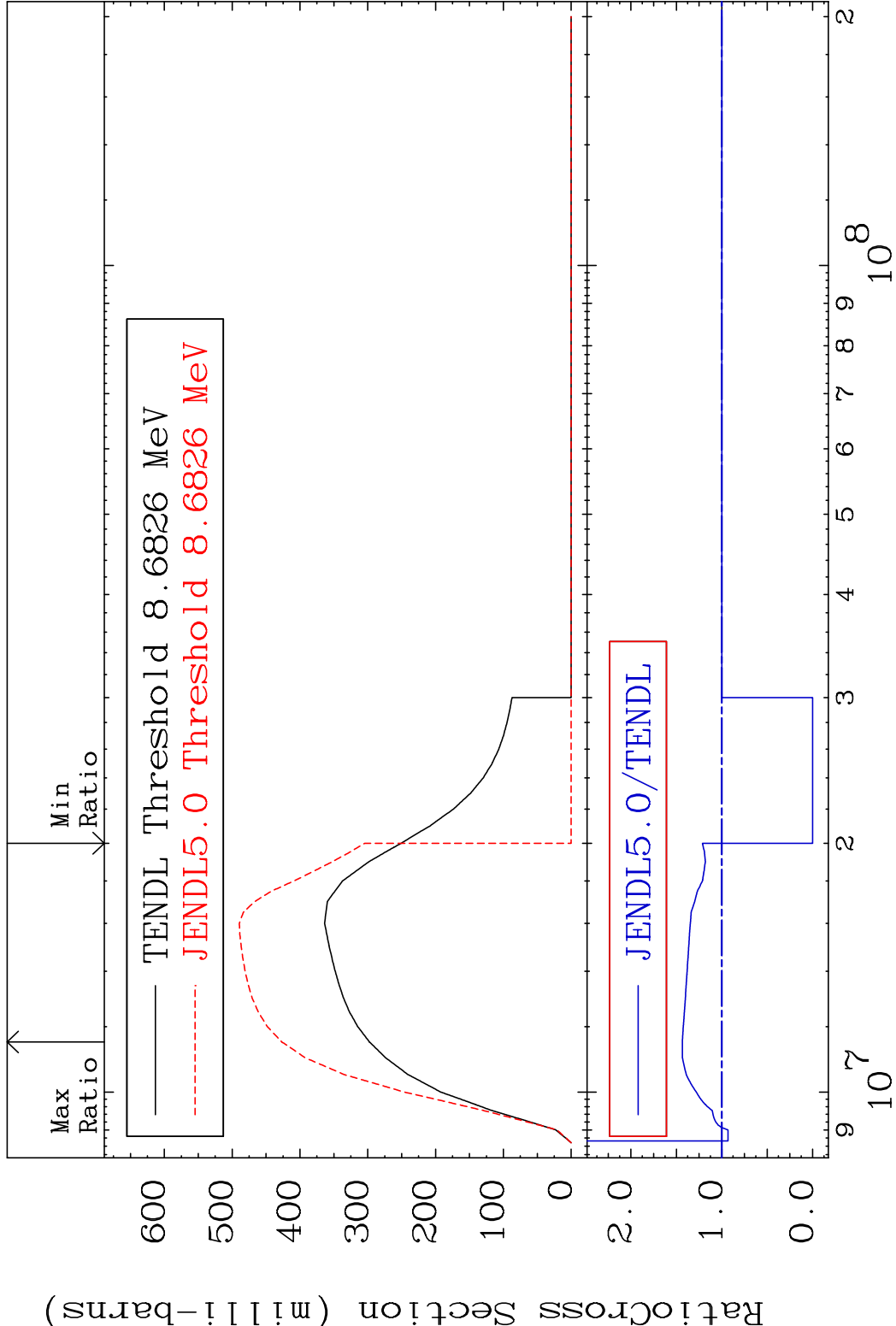
57      Incident Energy (eV)      74-W -180

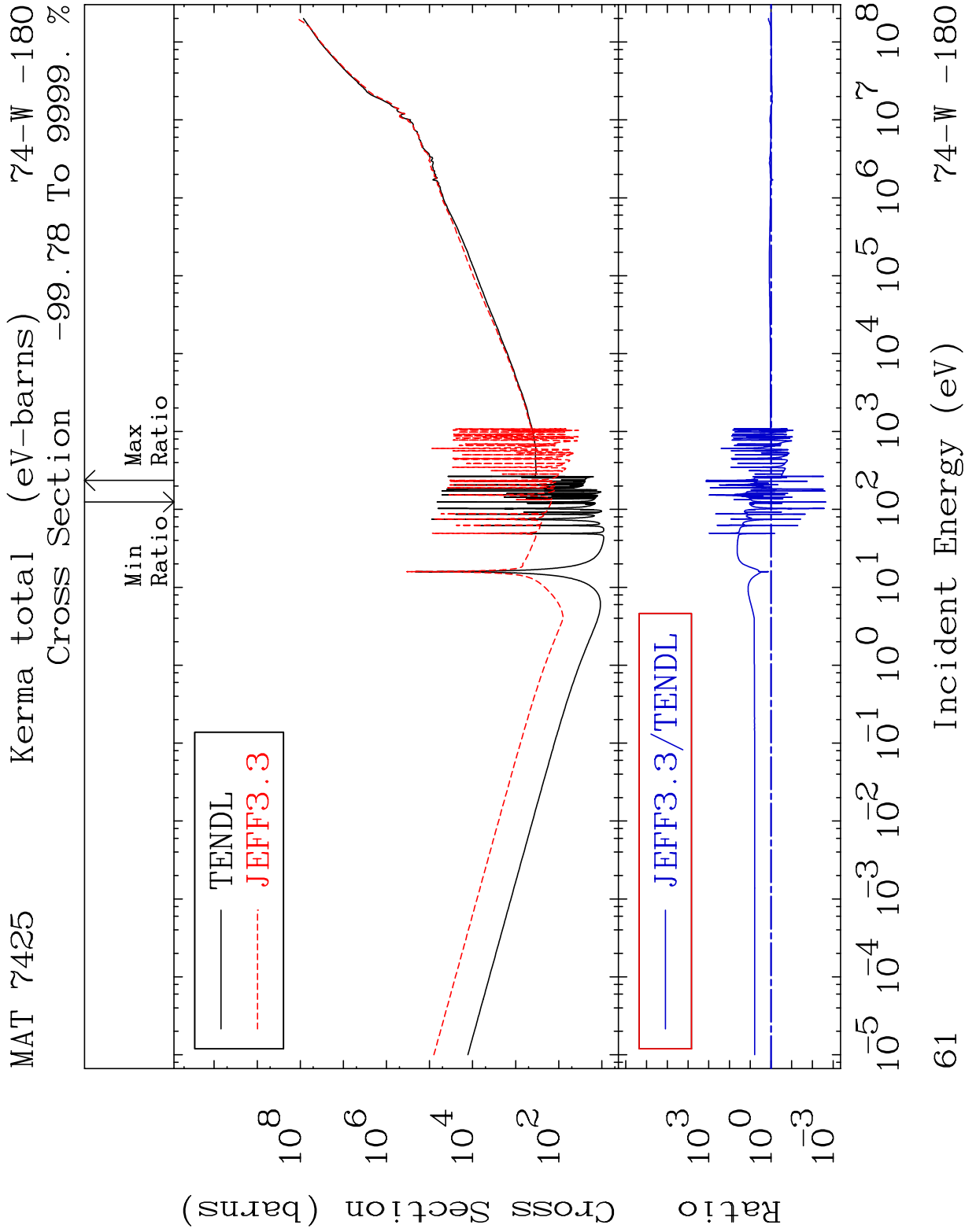
MAT 7425    Dpa disappearance (mt102 -120)    74-W -180  
Cross Section    -100.0 To 9999. %

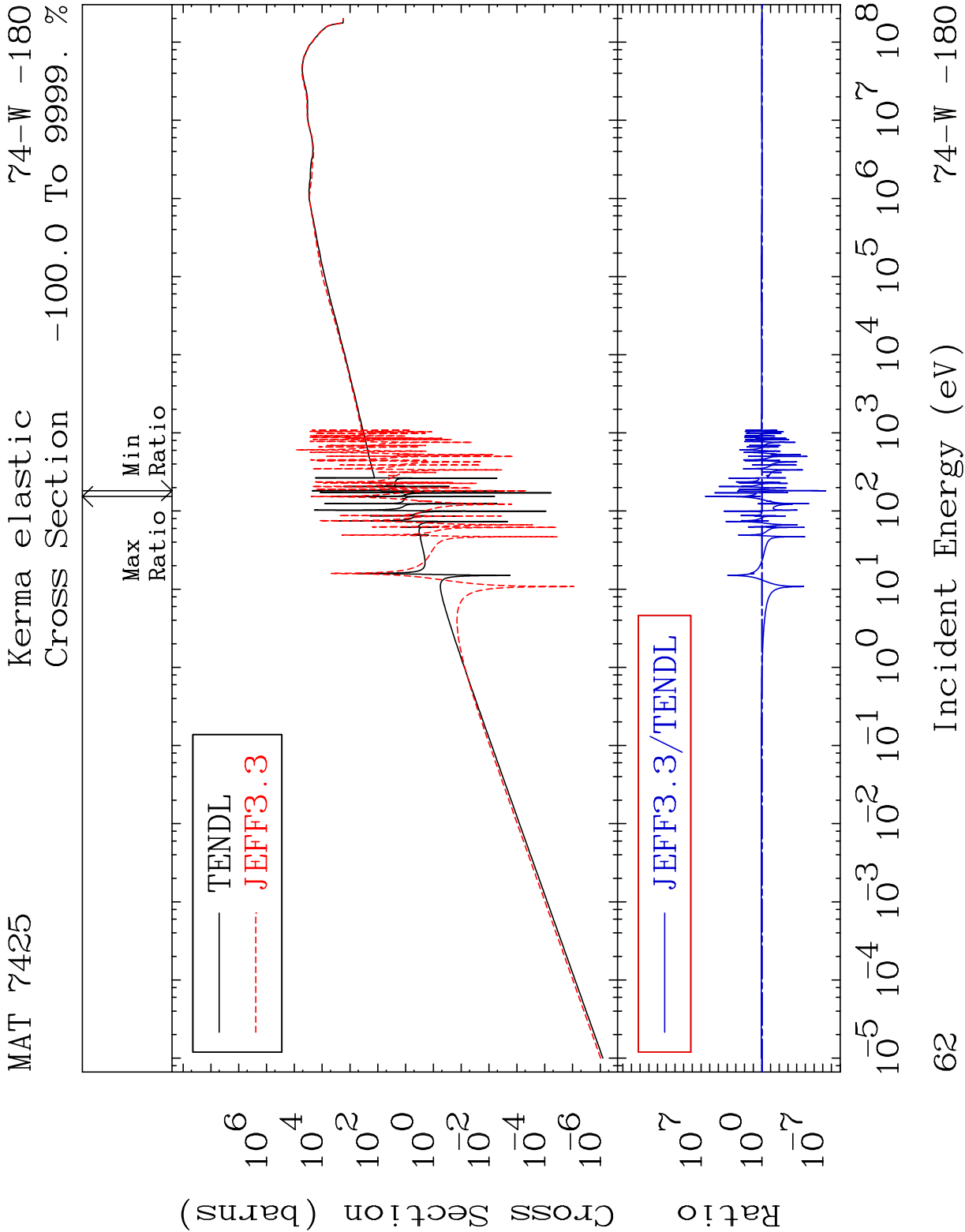


58    Incident Energy (eV)    74-W -180

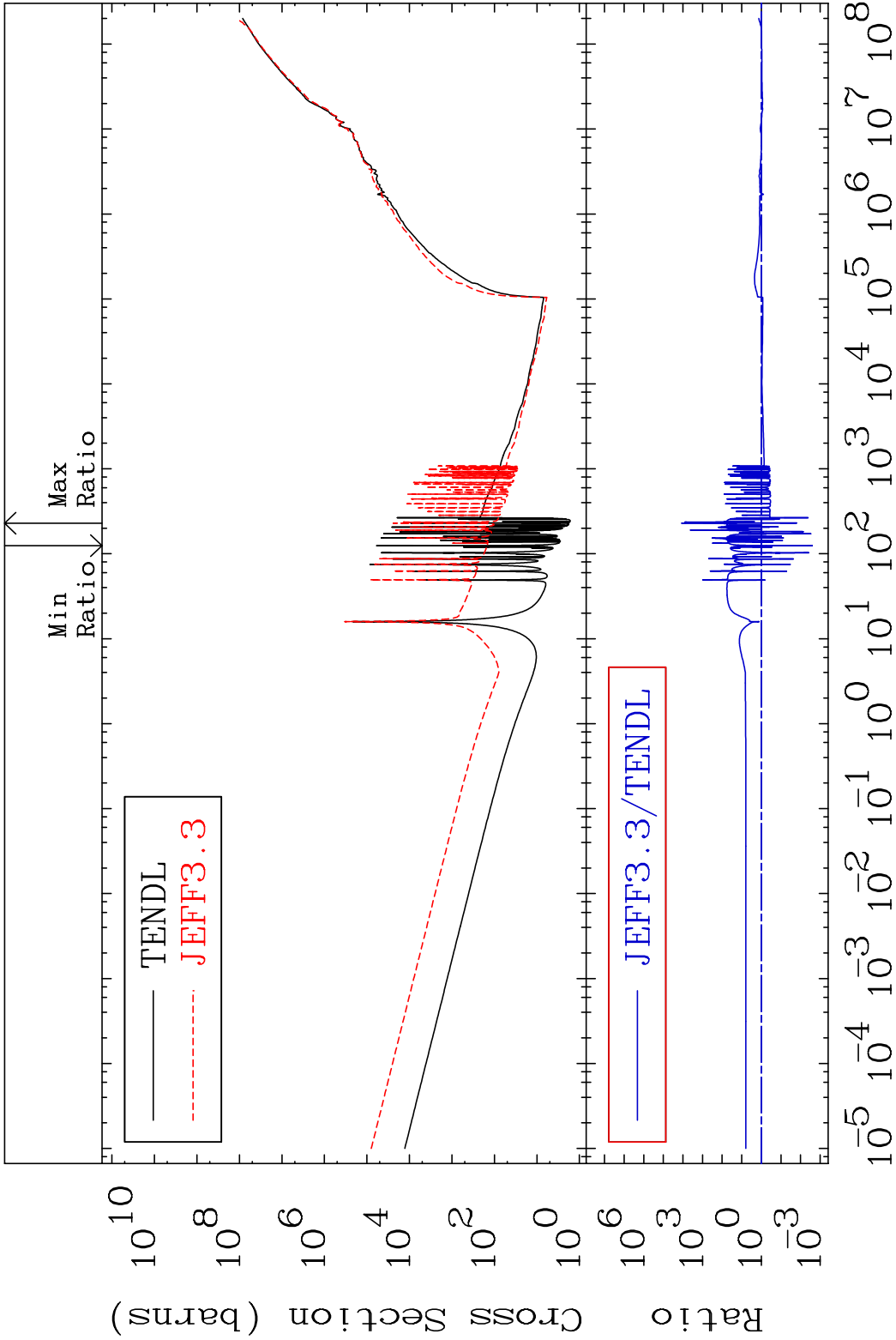




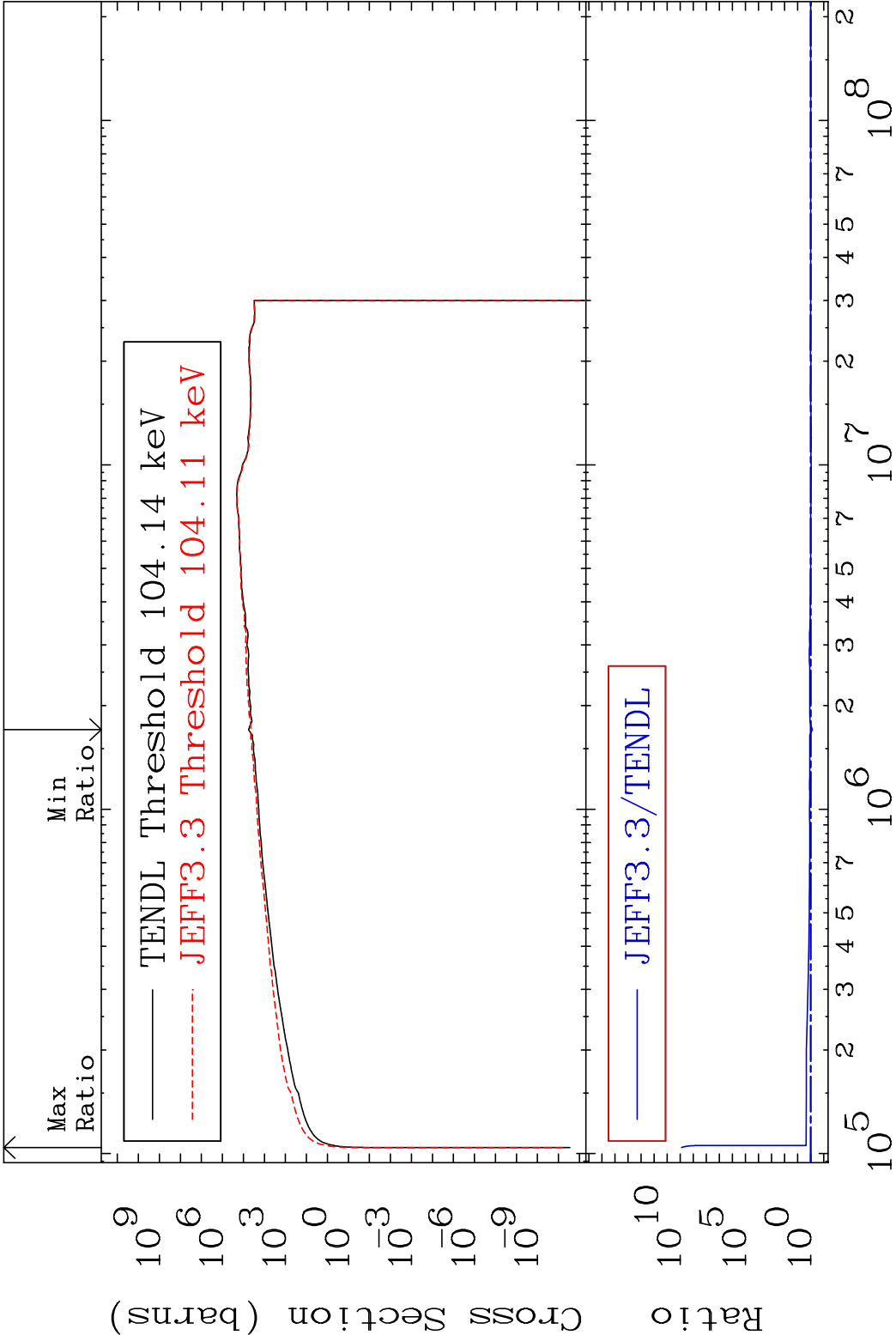




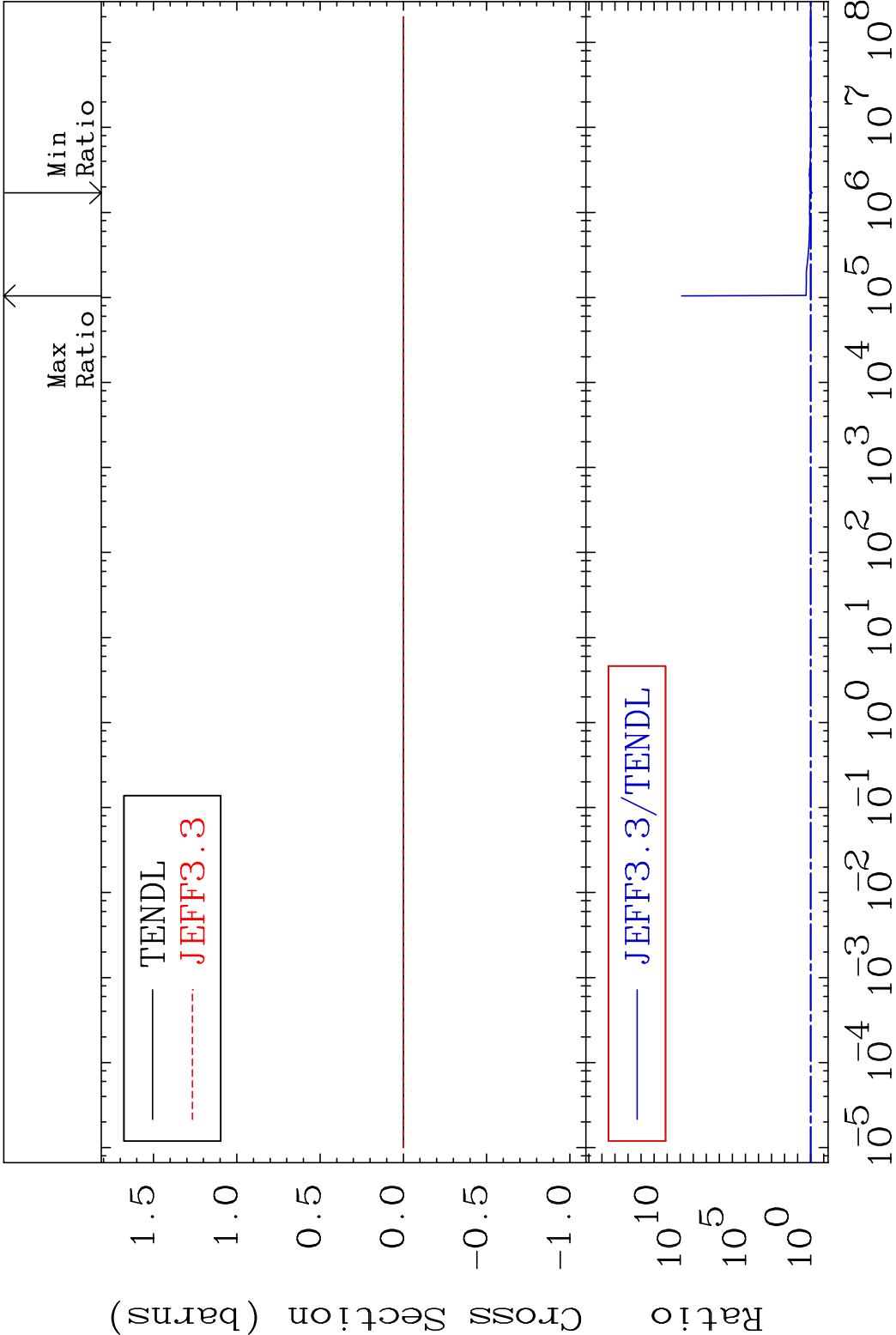
MAT 7425      Kerma non-elastic (all but mt2)      74-W -180  
 Cross Section      -99.75 To 9999. %



63      Incident Energy (eV)      74-W -180



MAT 7425 Kerma fission (mt18 or mt19-20-21-38)74-W -180  
Cross Section -22.56 To 9999. %

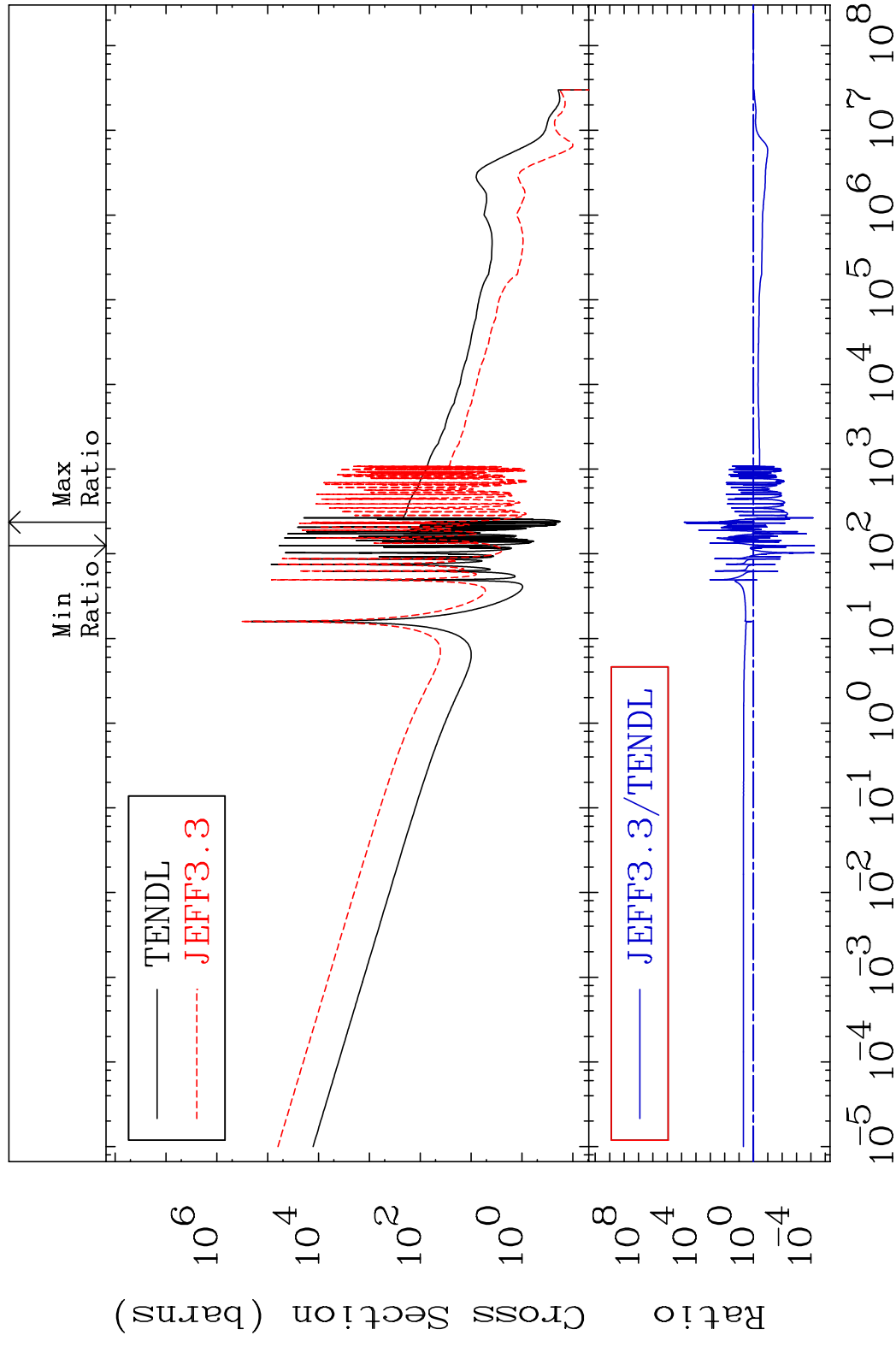


MAT 7425

Kerma capture (mt102)

24-W-180

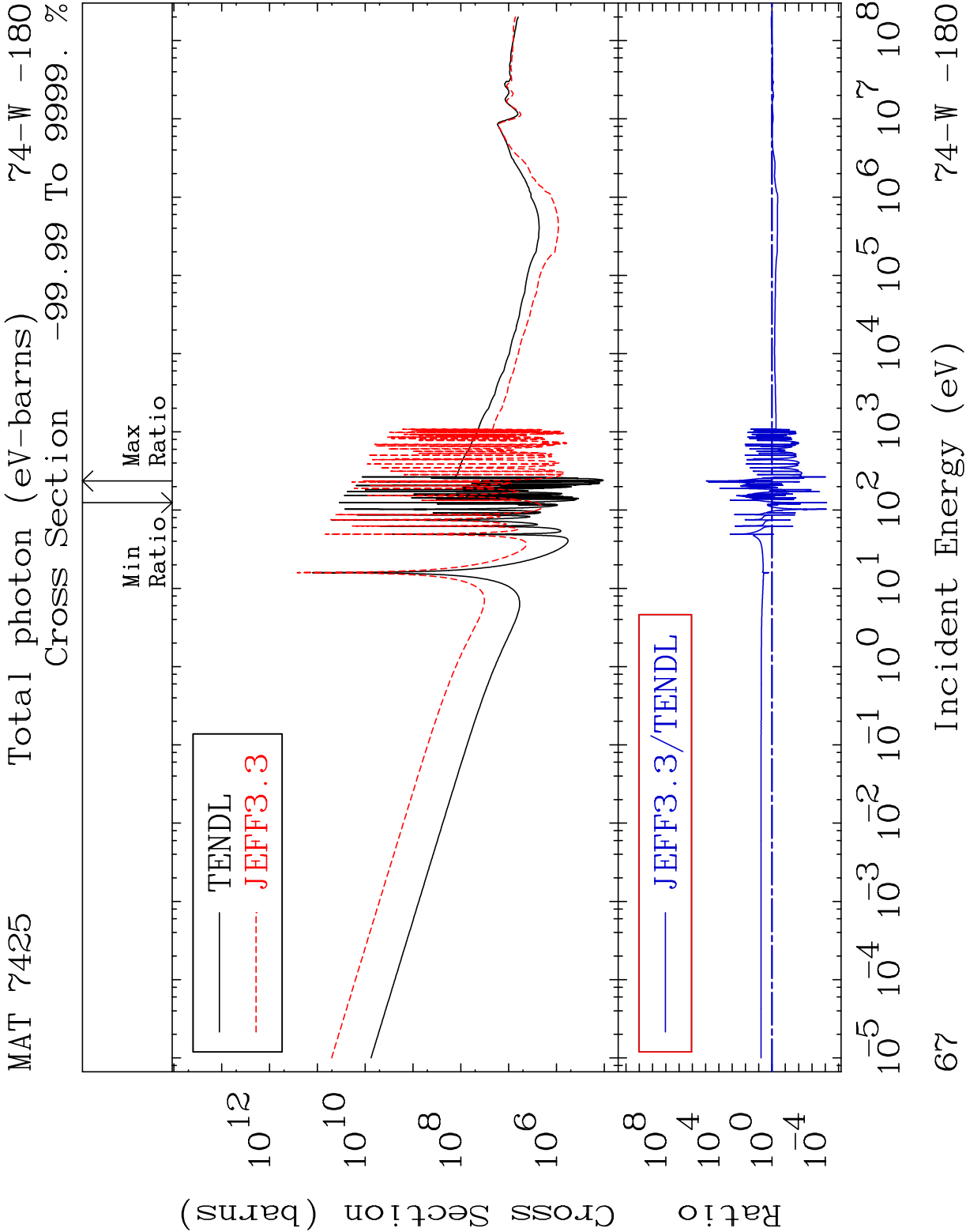
Cross Section -99.99 To 9999. %



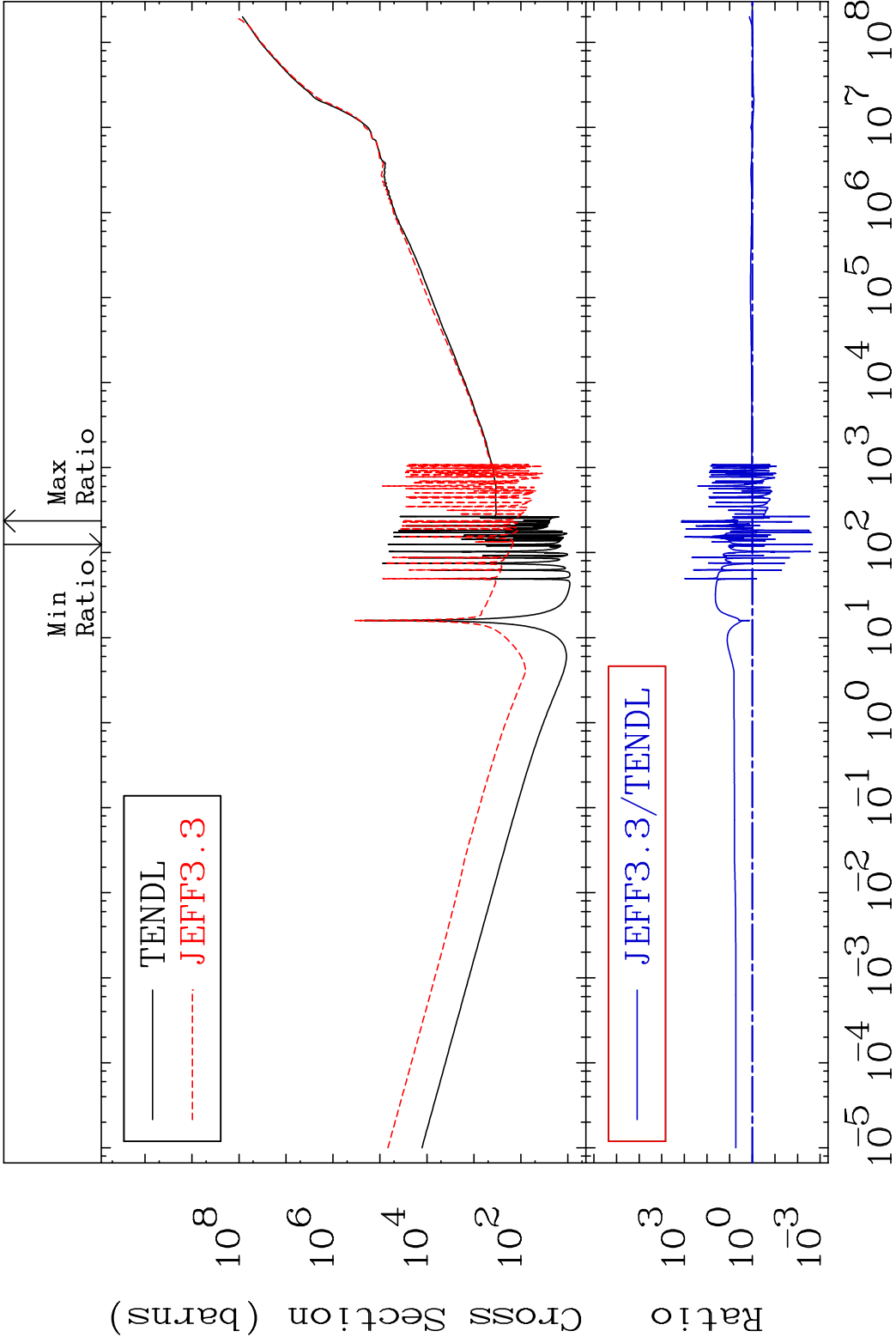
99

Incident Energy (eV)

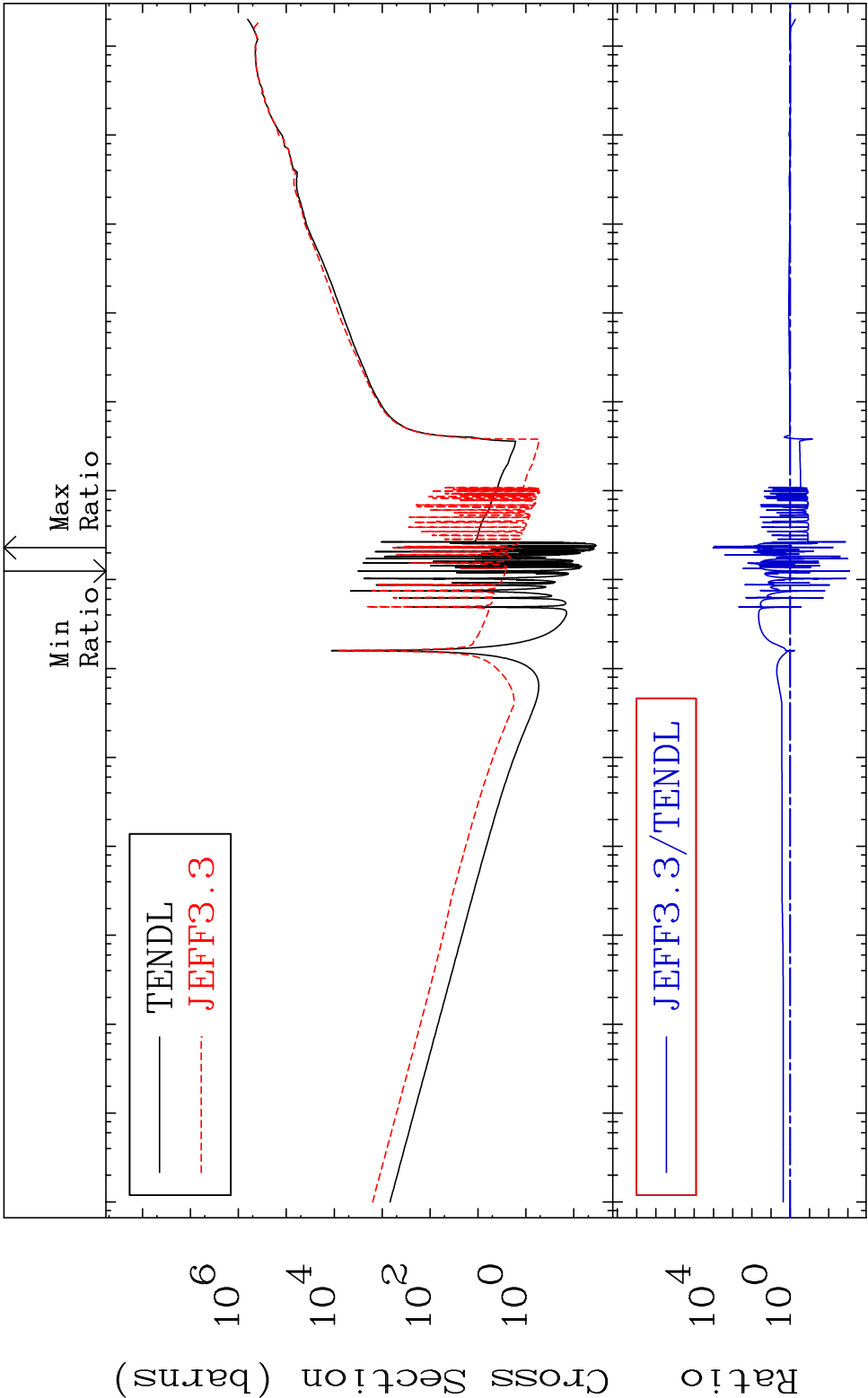
24-W -180

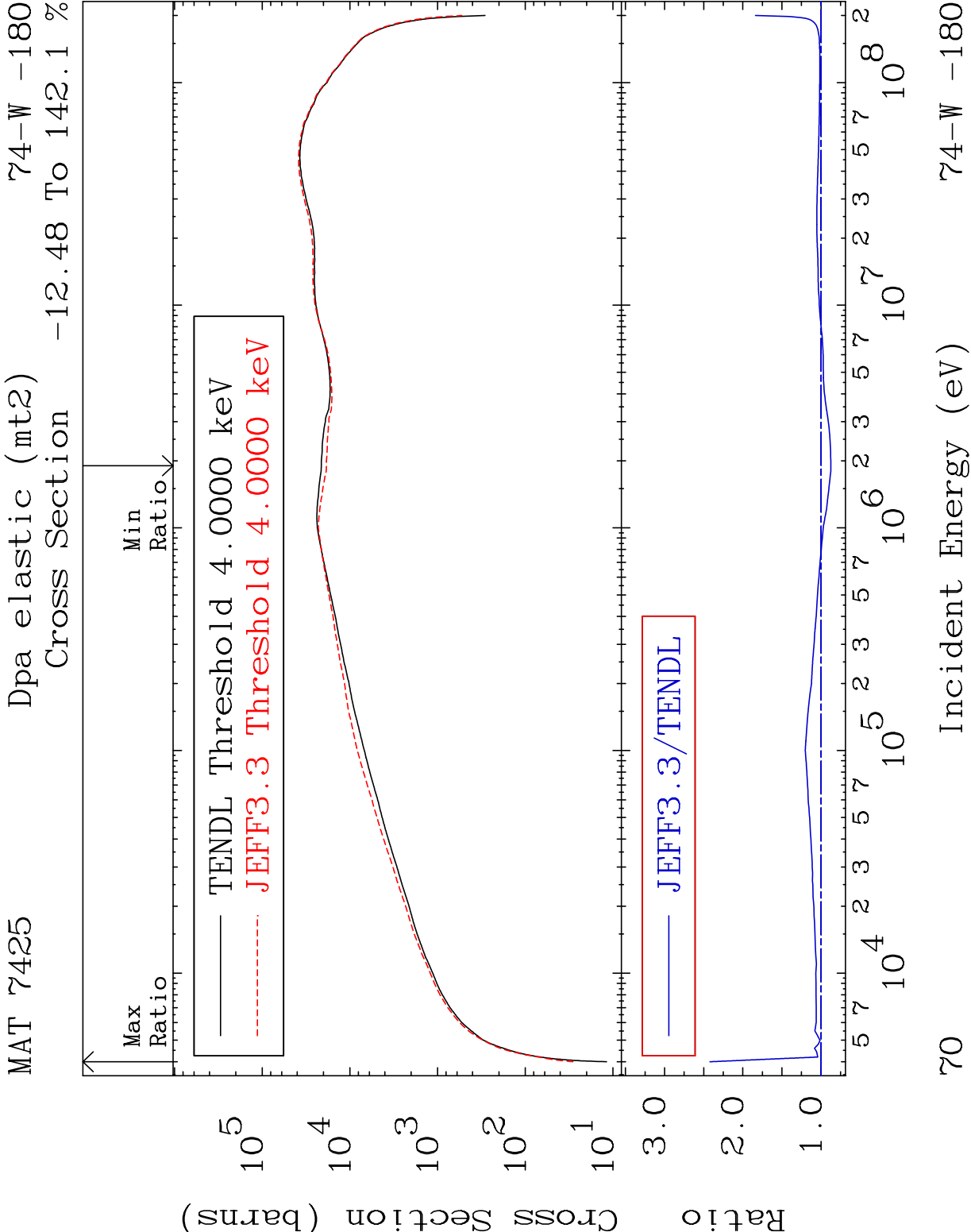


MAT 7425 Total kinematic kerma (high limit) 74-W -180  
Cross Section -99.78 To 9999. %

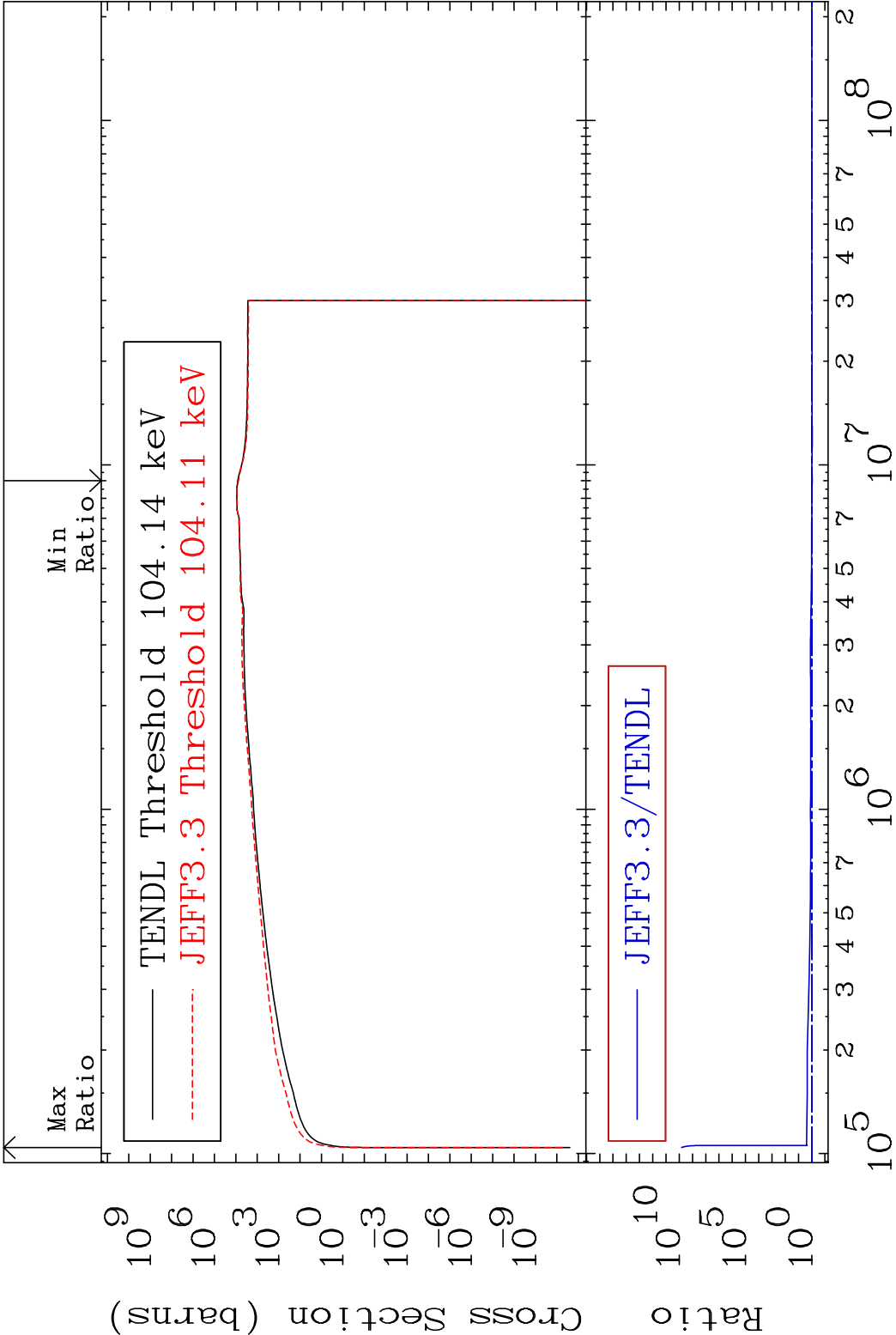


MAT 7425      Dpa total (eV-barns)      74-W -180  
 Cross Section      -99.92 To 9999. %



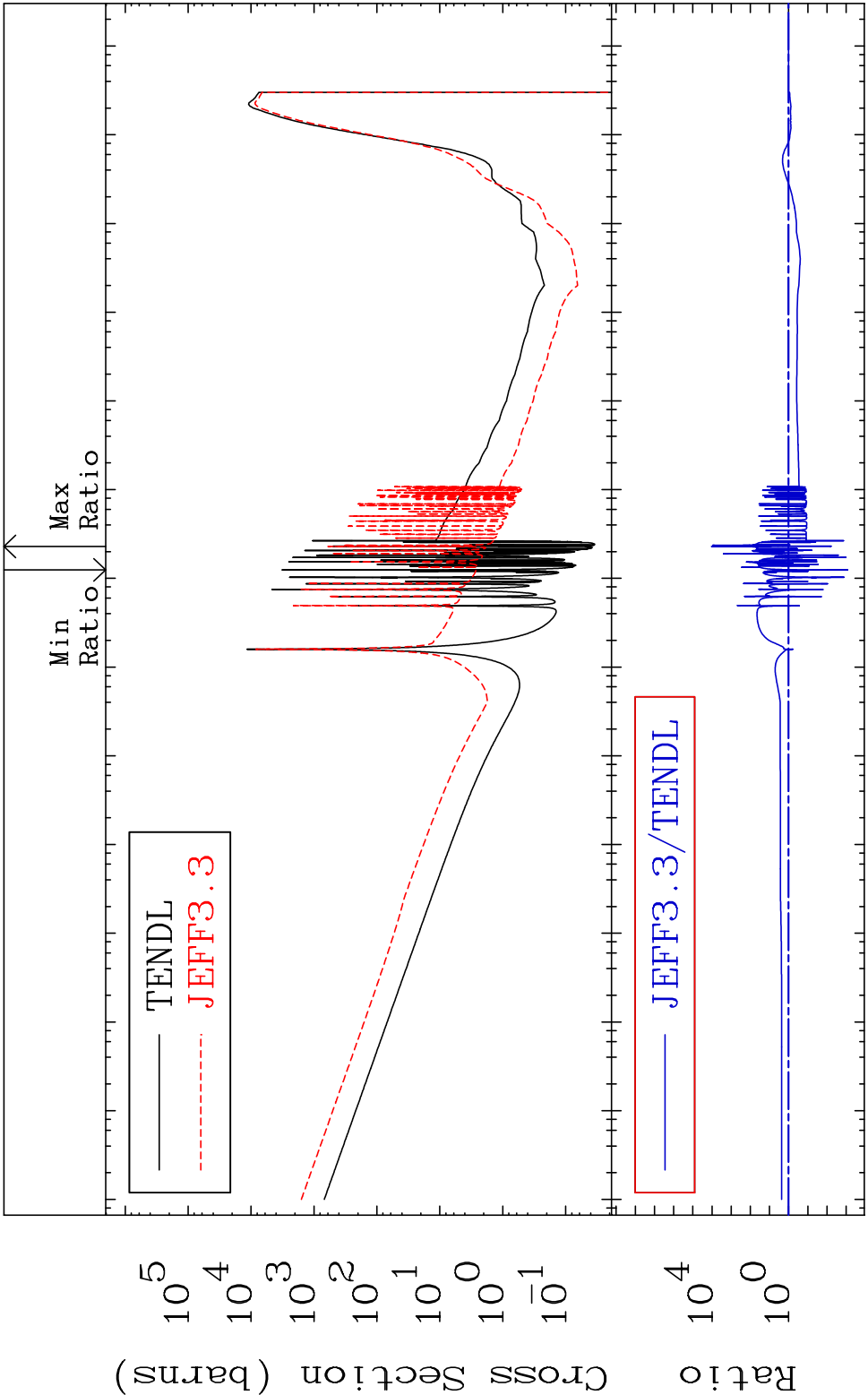


MAT 7425      Dpa inelastic (mt51-91)      74-W -180  
Cross Section      -8.285 To 9999. %

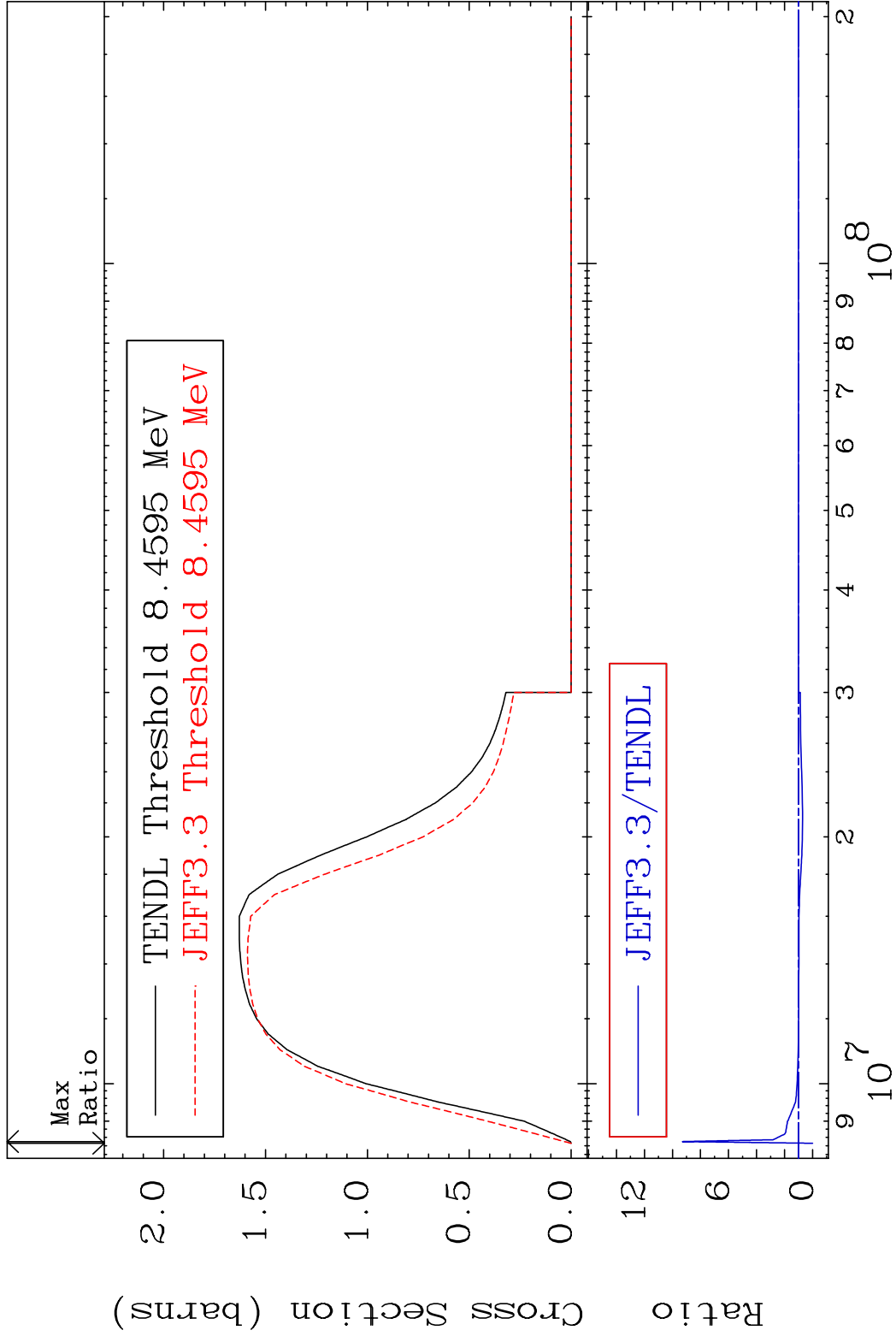


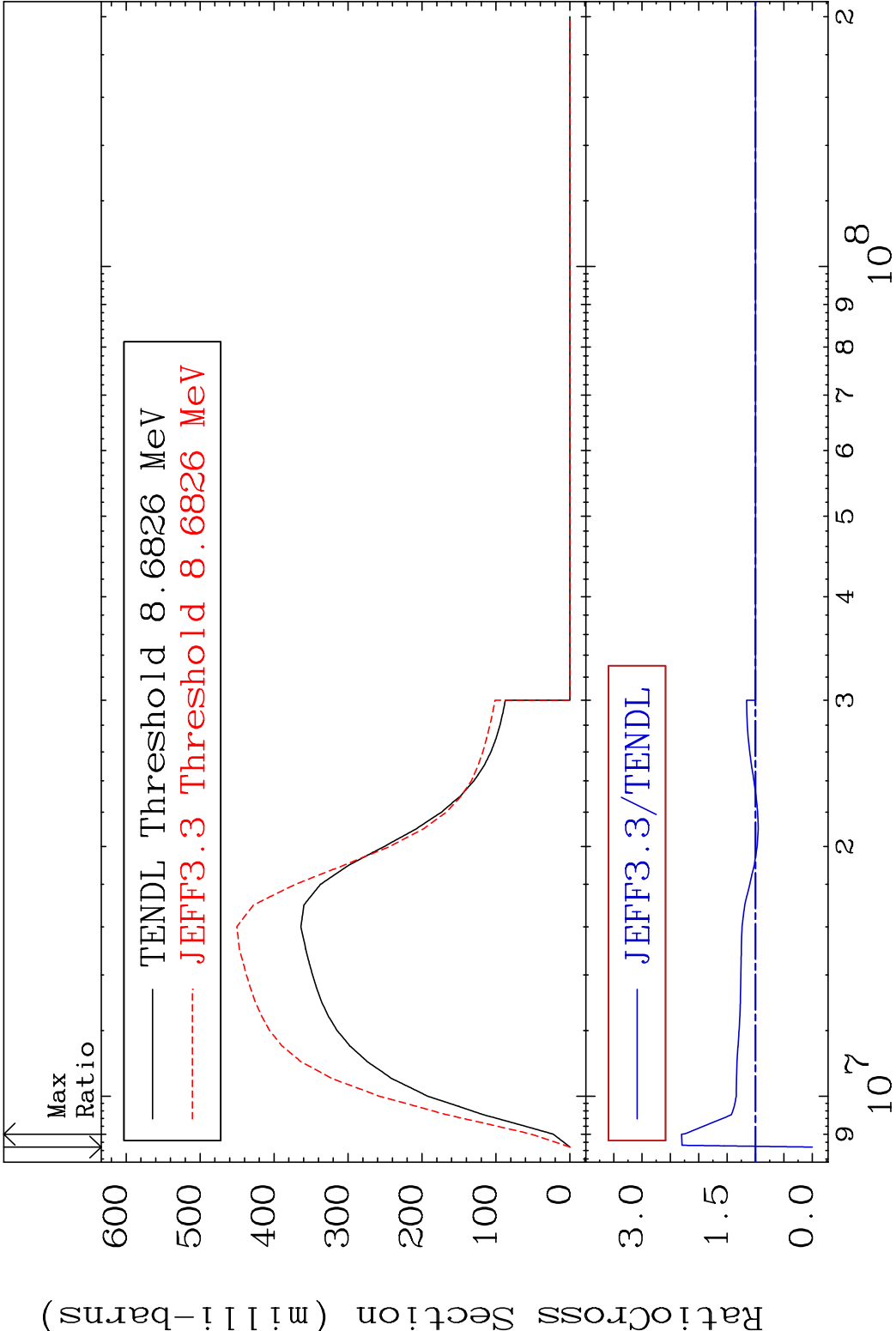
71      Incident Energy (eV)      74-W -180

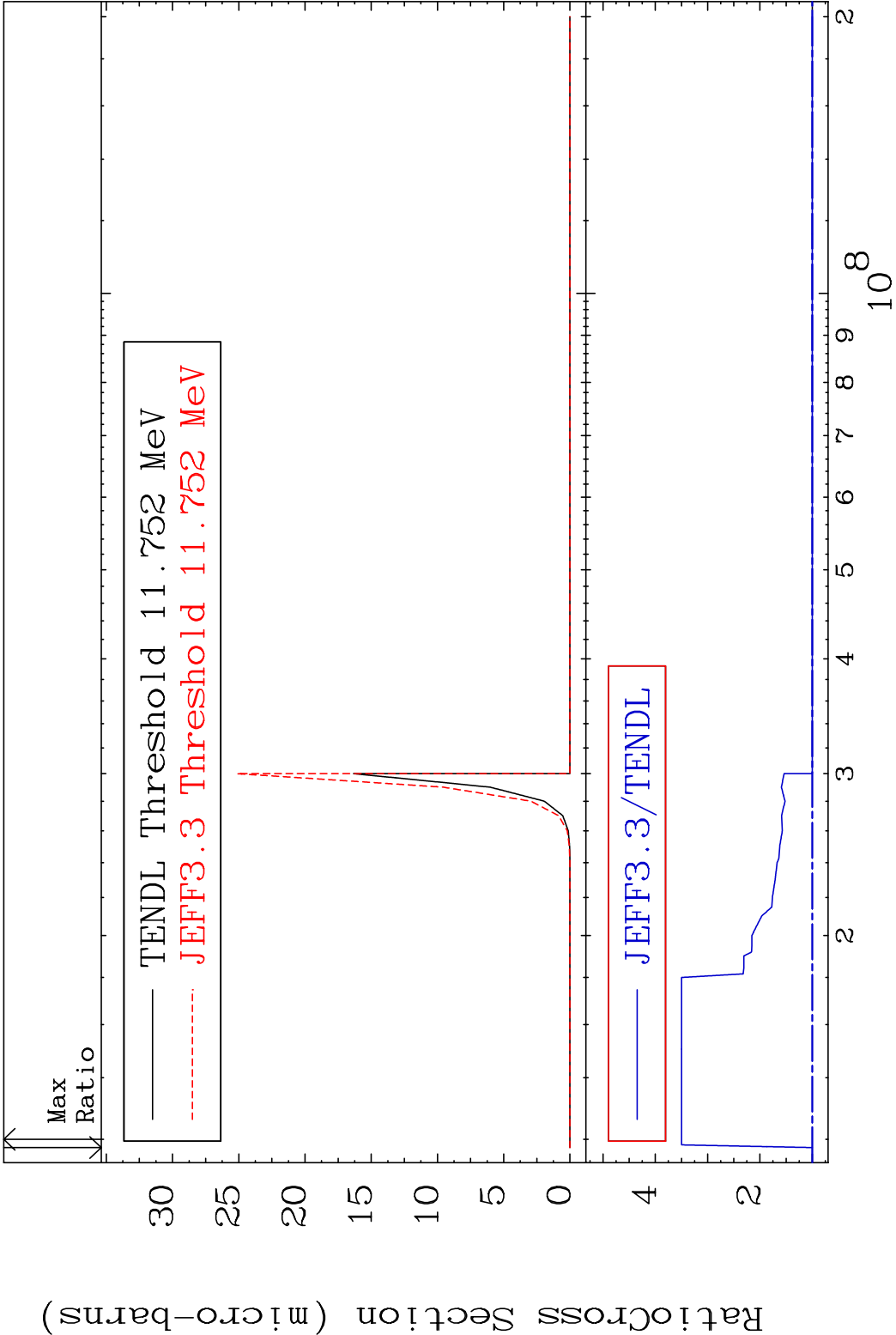
MAT 7425    Dpa disappearance (mt102 -120)    74-W -180  
 Cross Section    -99.92 To 9999. %

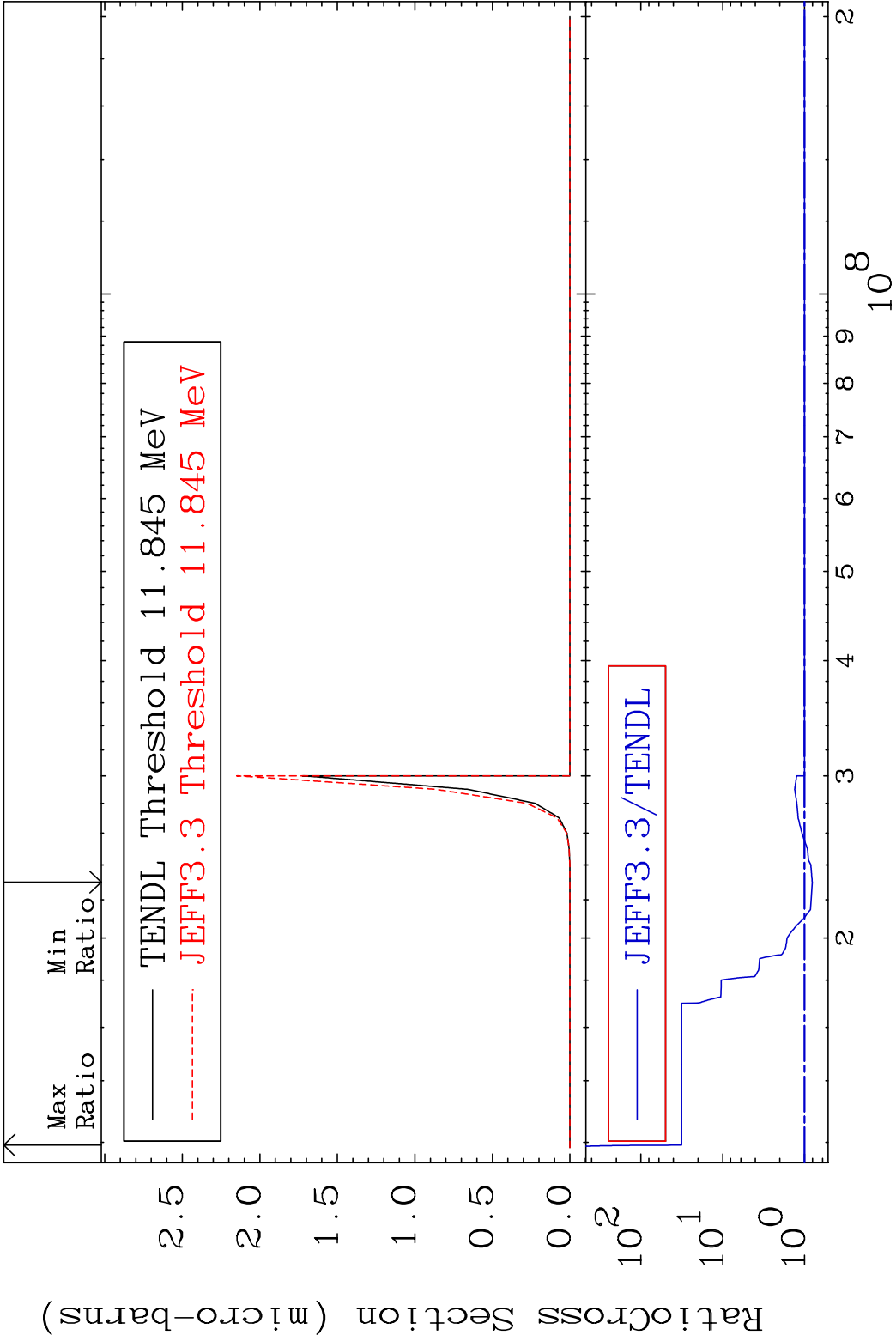


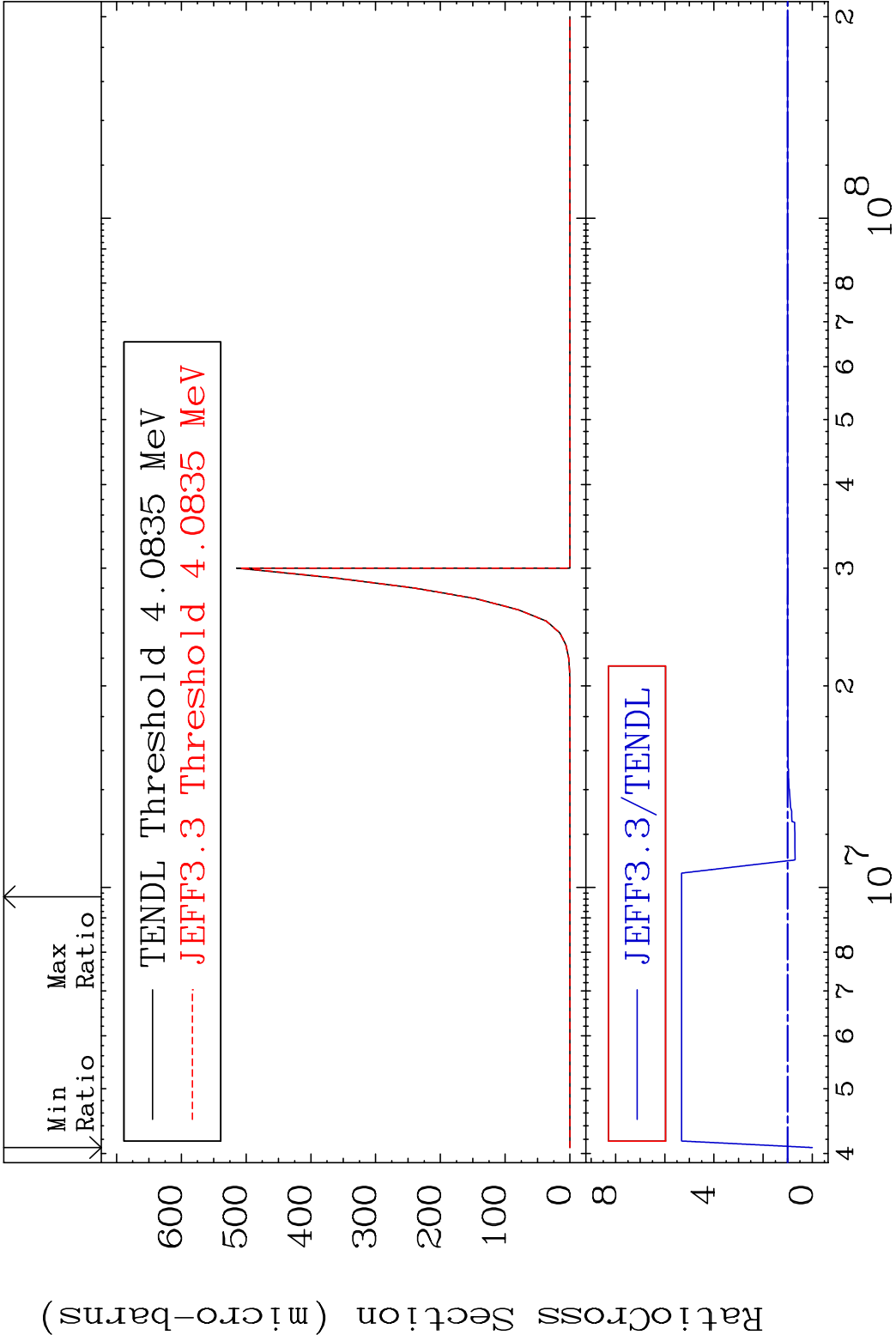
72    Incident Energy (eV)    74-W -180











Radionuclide Production Cross Section (micro-barns)

