

Program Complot  
(Version 2021-1)

by

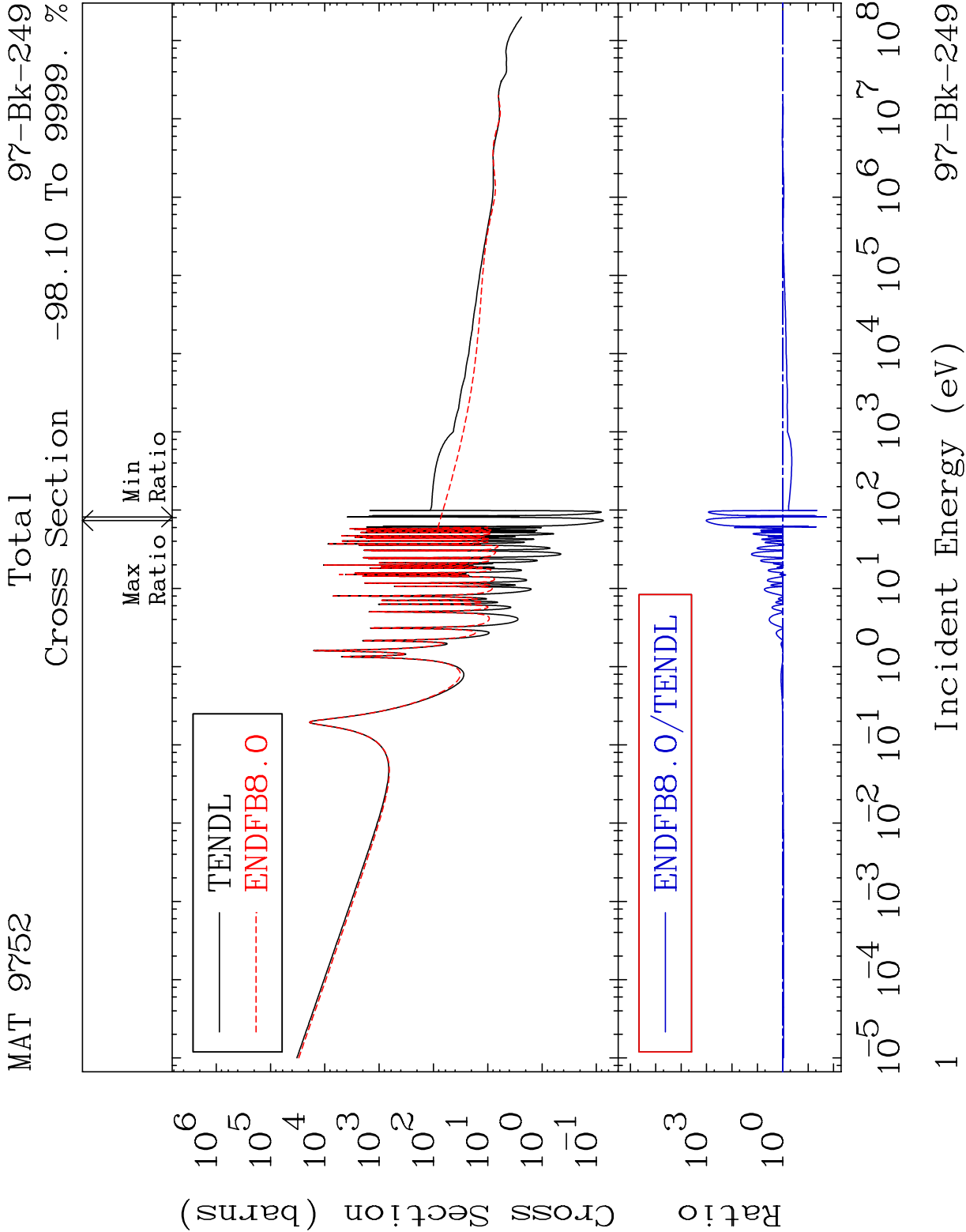
Dermott E. Cullen  
(Present Contact Information)

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

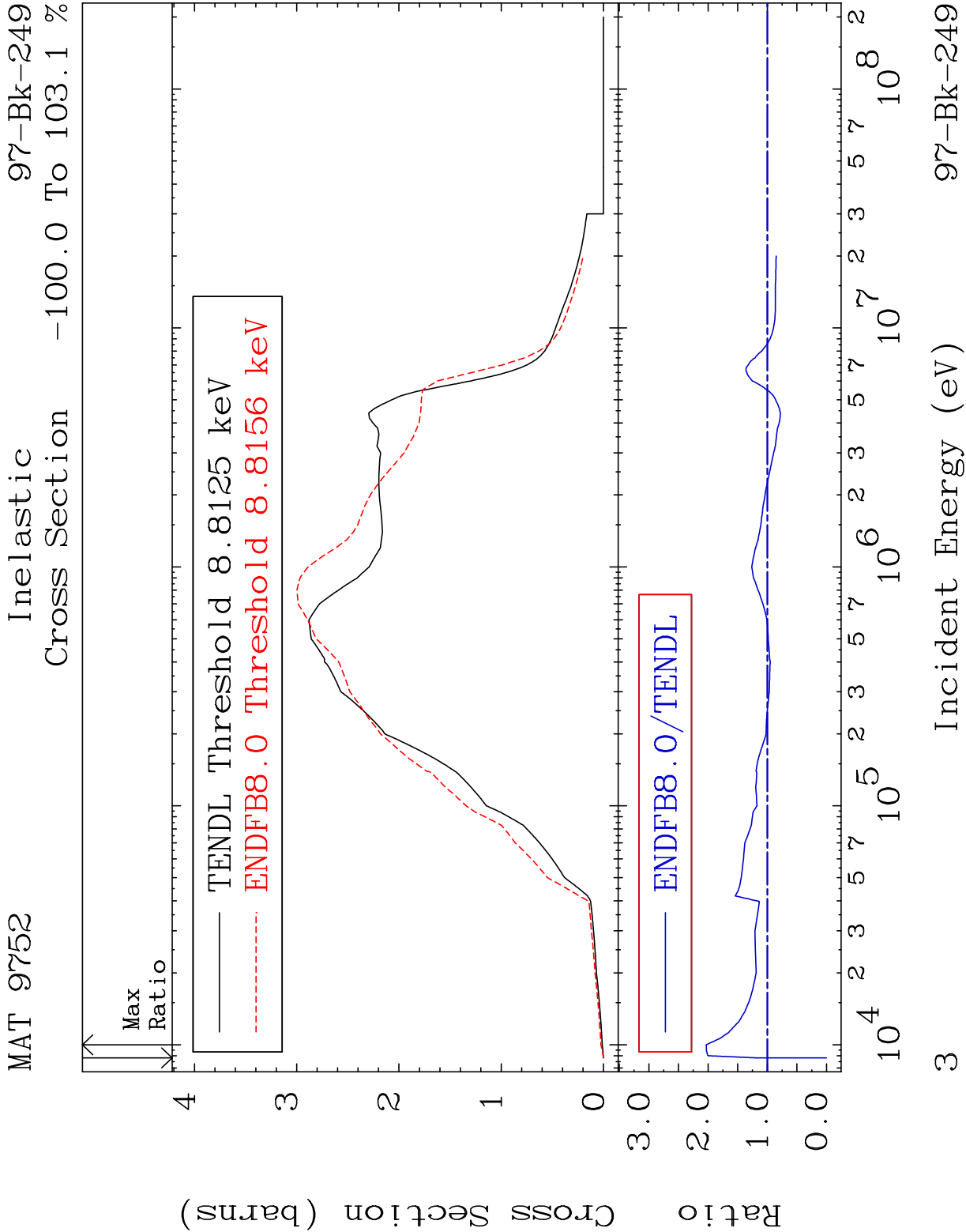
Tele: 925-443-1911

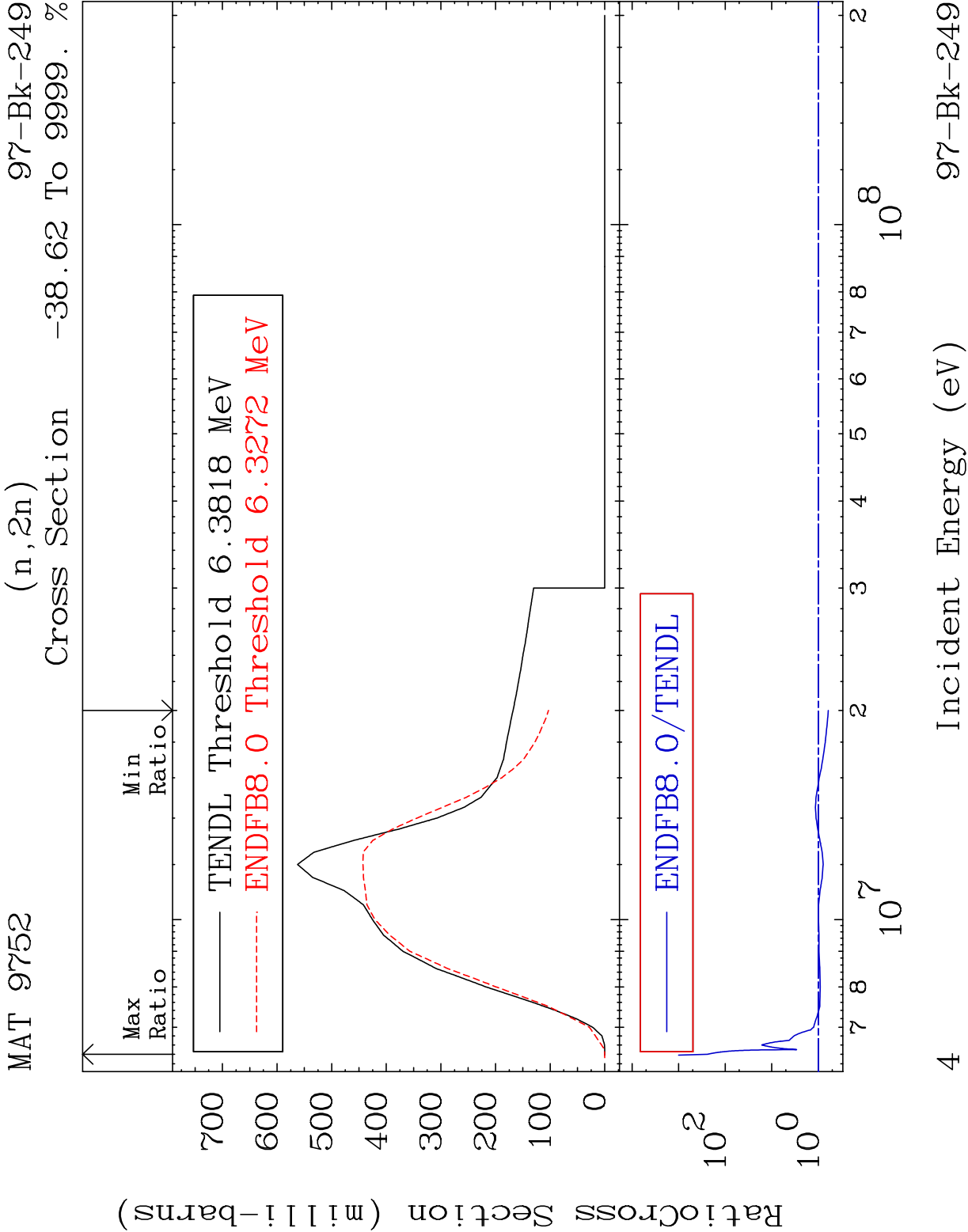
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

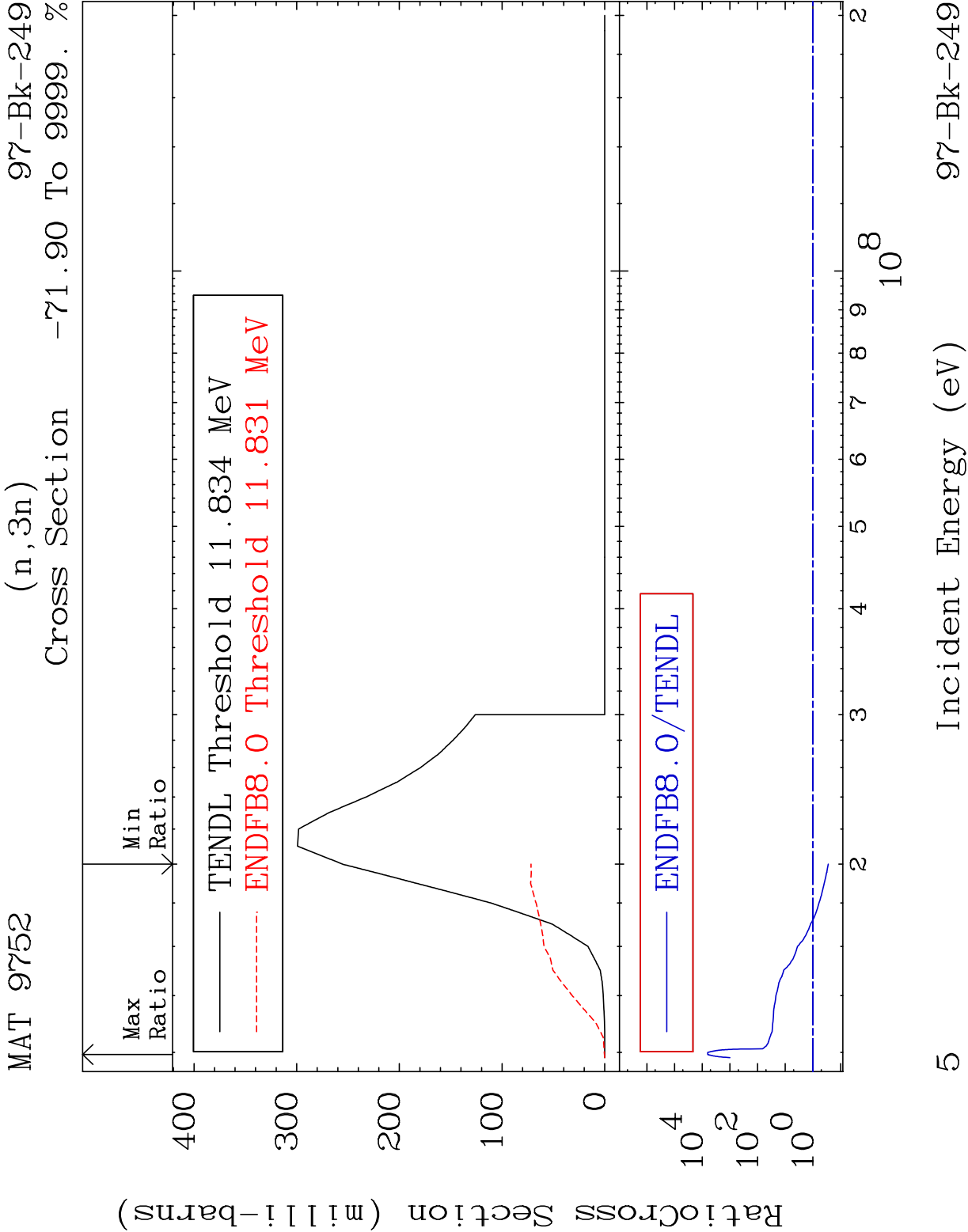
Press Mouse Button to Start









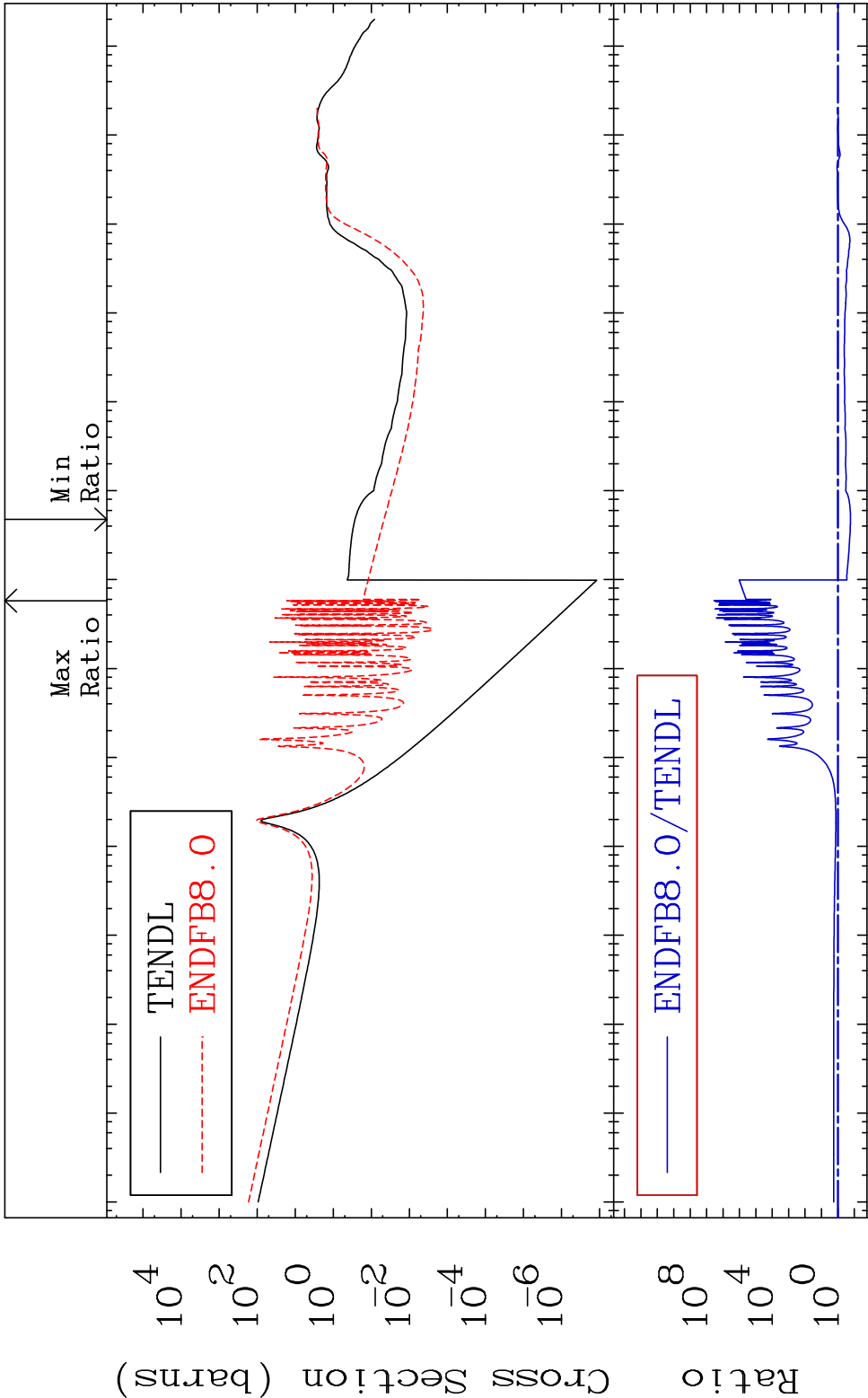


MAT 9752

Fission

97-Bk-249

Cross Section      -82.73 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>

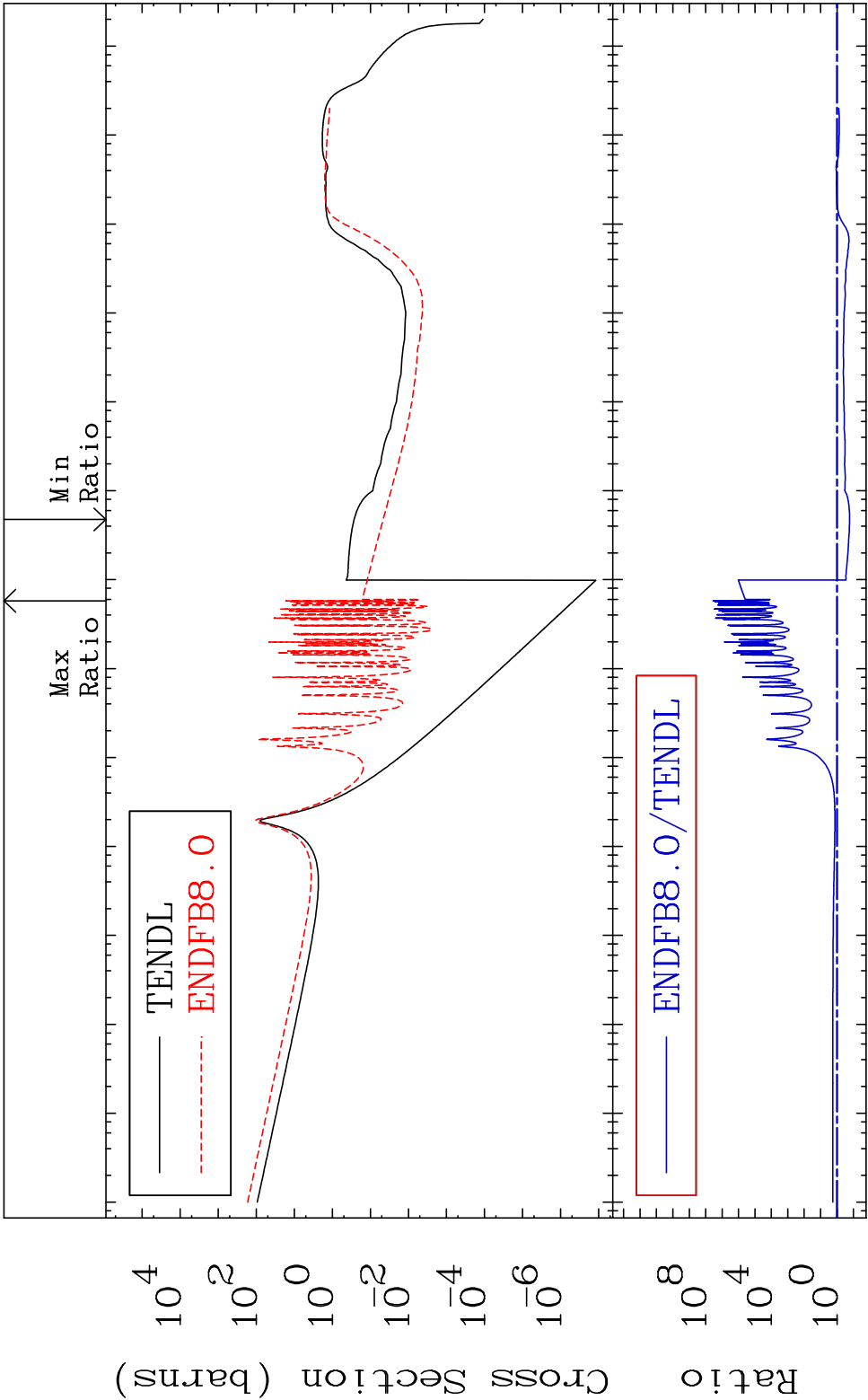
MAT 9752

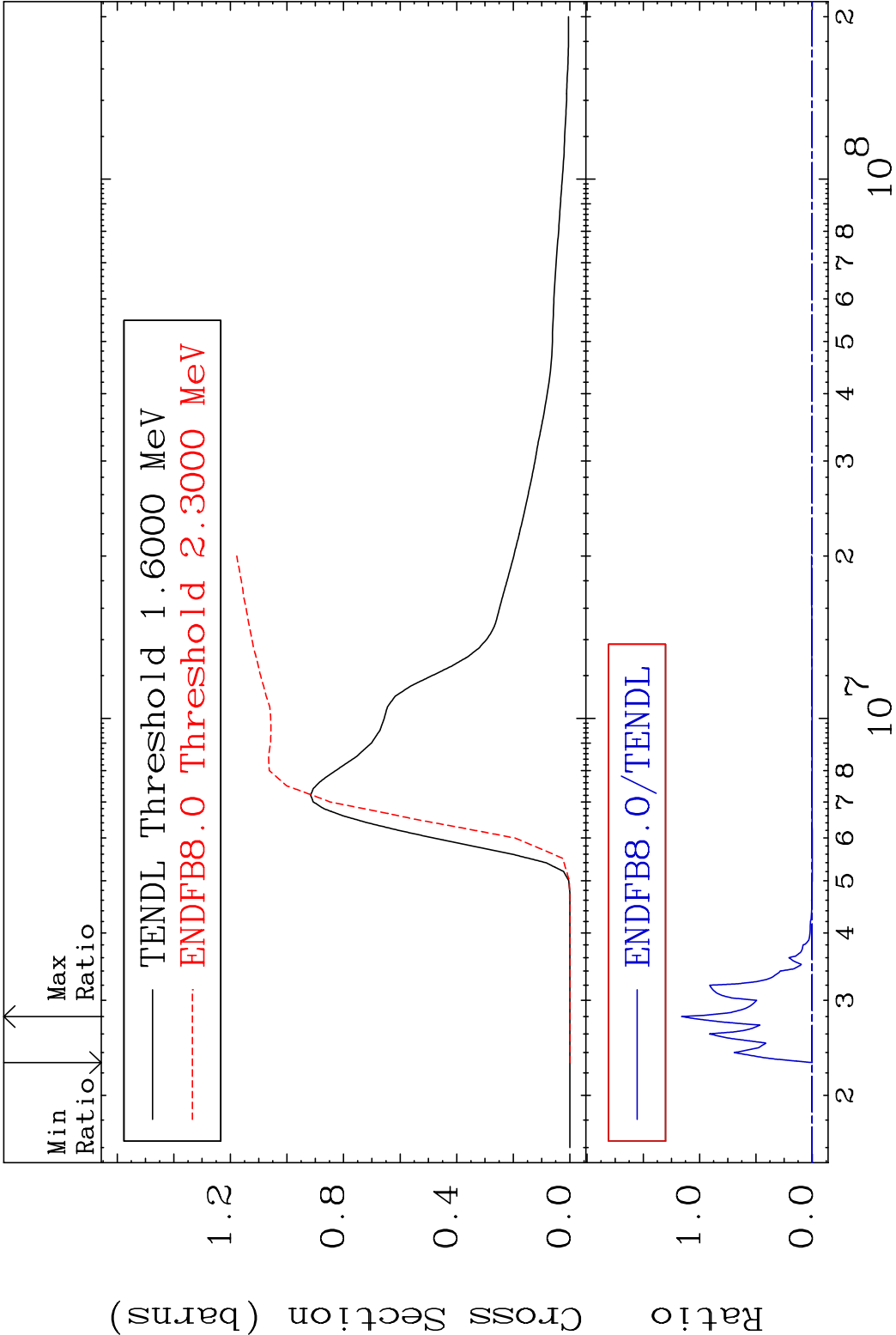
(n,f) First Chance

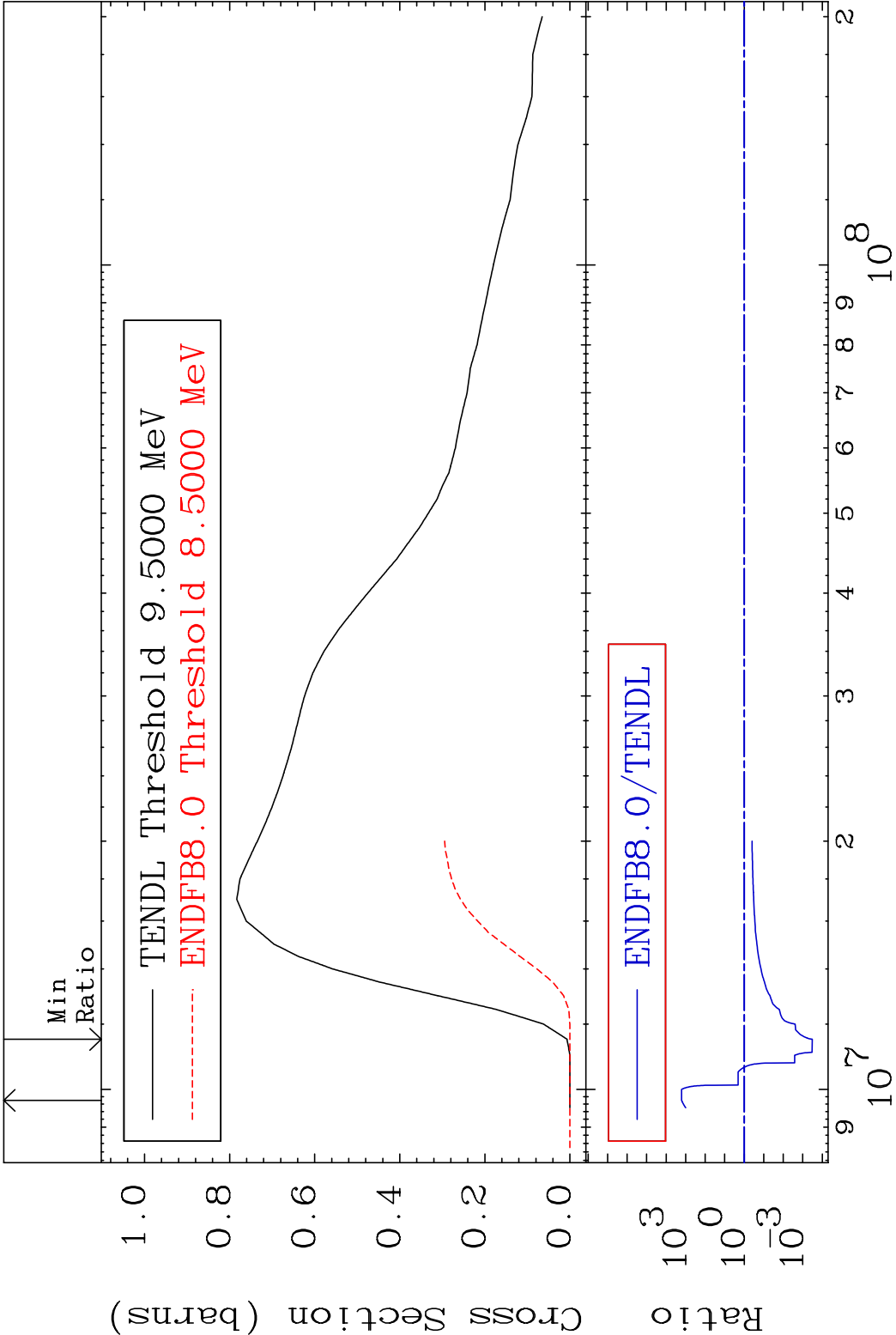
97-Bk-249

Cross Section

-82.73 To 9999. %





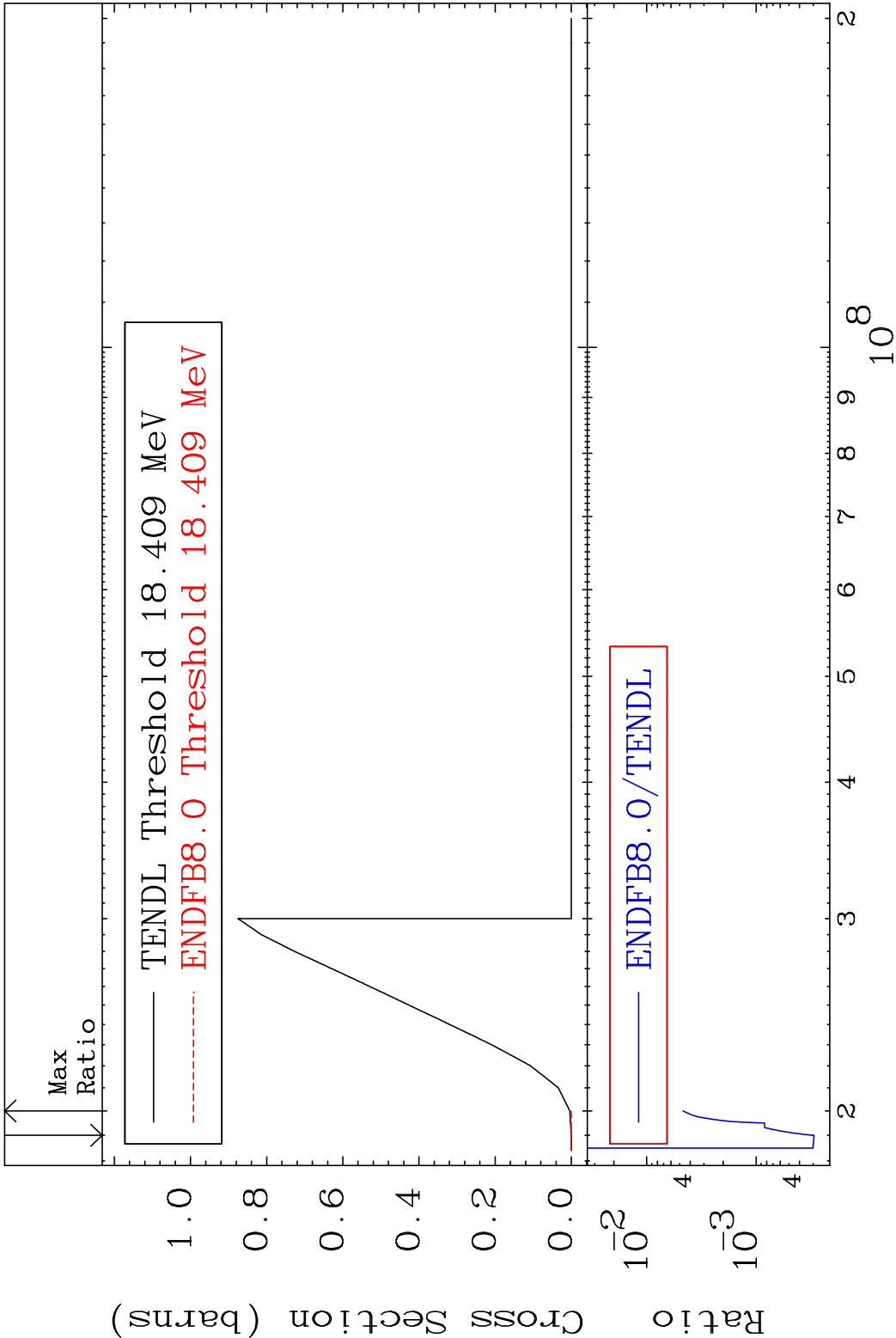


MAT 9752

(n,4n)

97-Bk-249

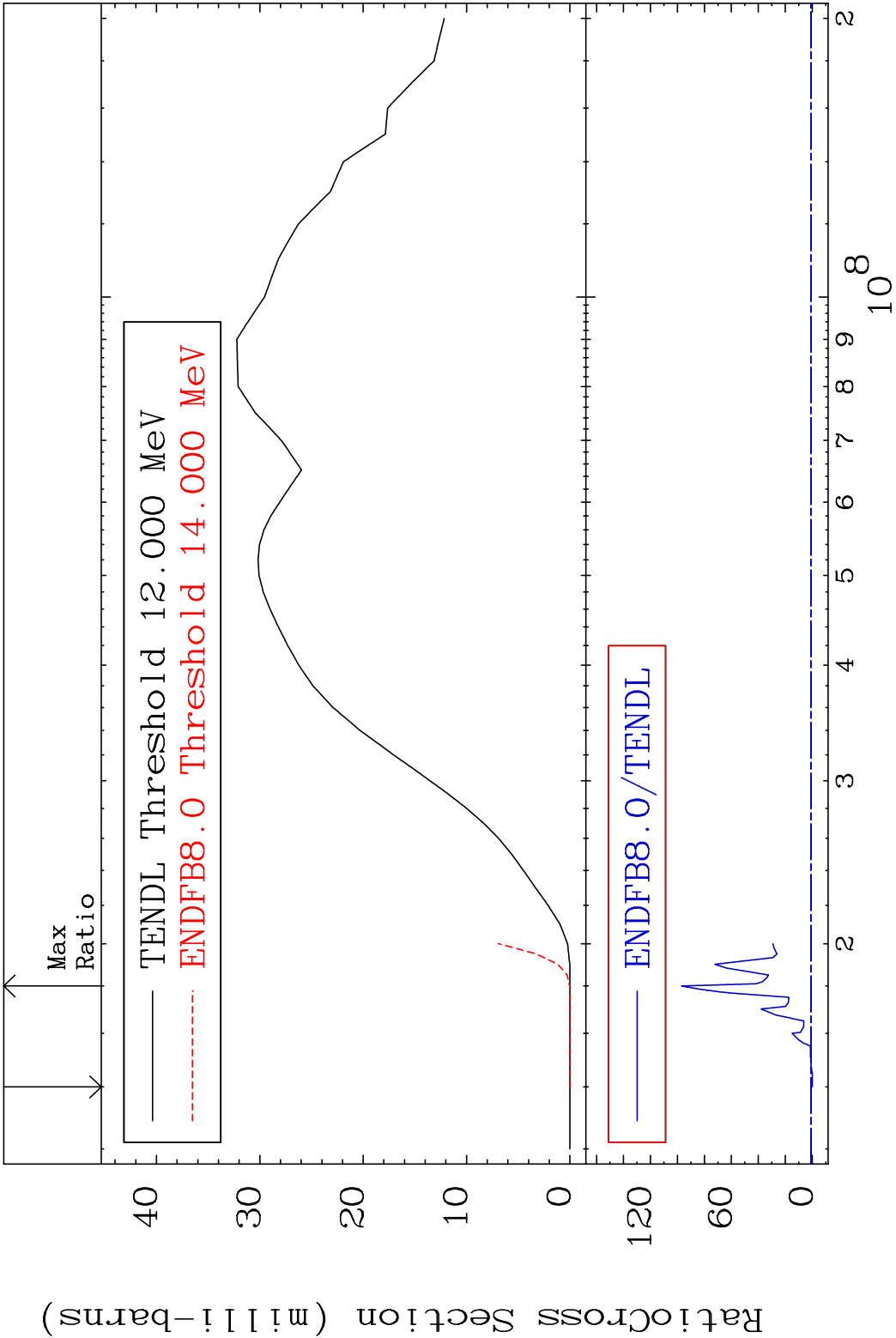
Cross Section      -99.97 To -99.53%



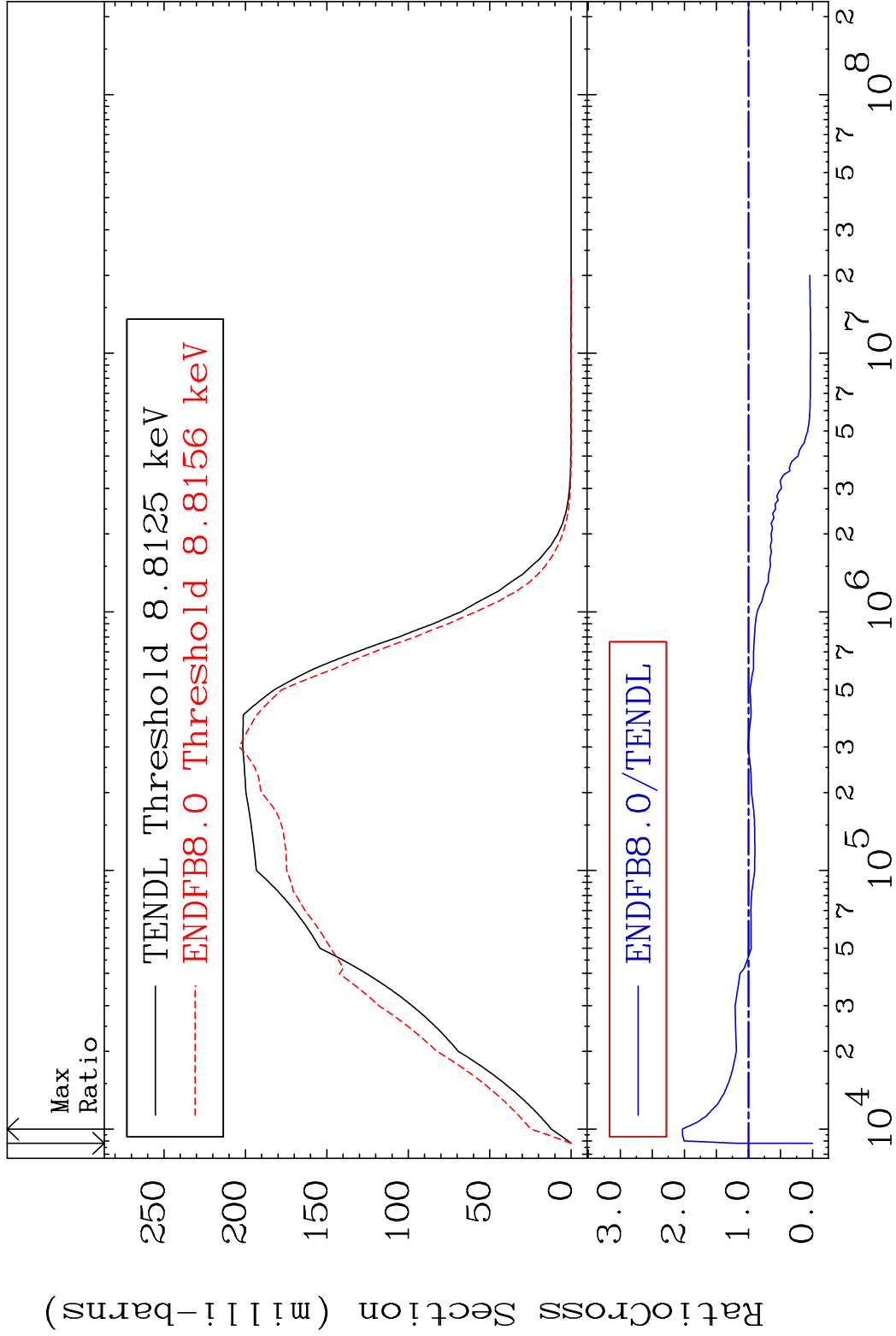
10

Incident Energy (eV)

97-Bk-249

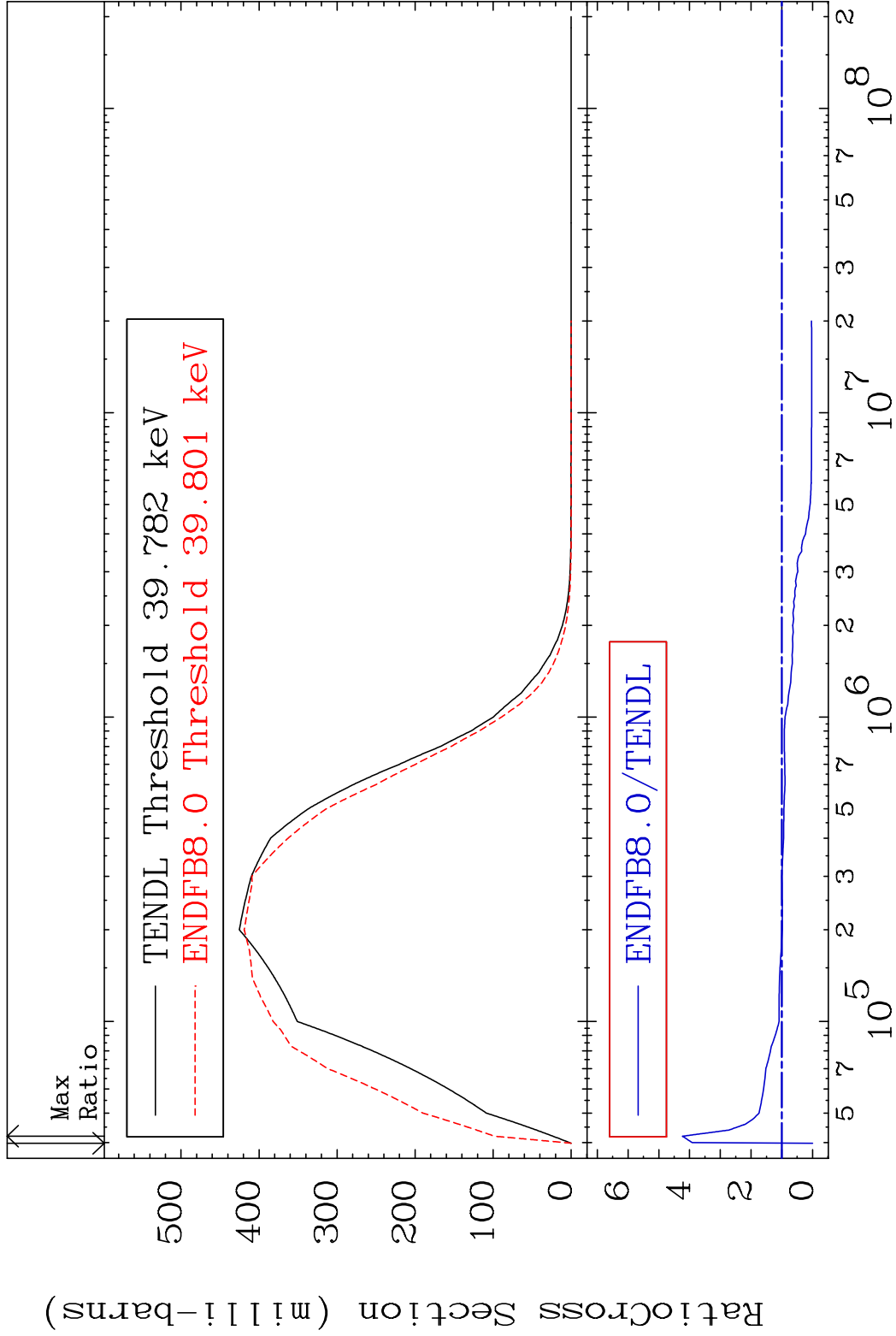


MAT 9752      MT= 51 (n,n') Level      97-Bk-249  
Cross Section    -100.0 To 103.1 %

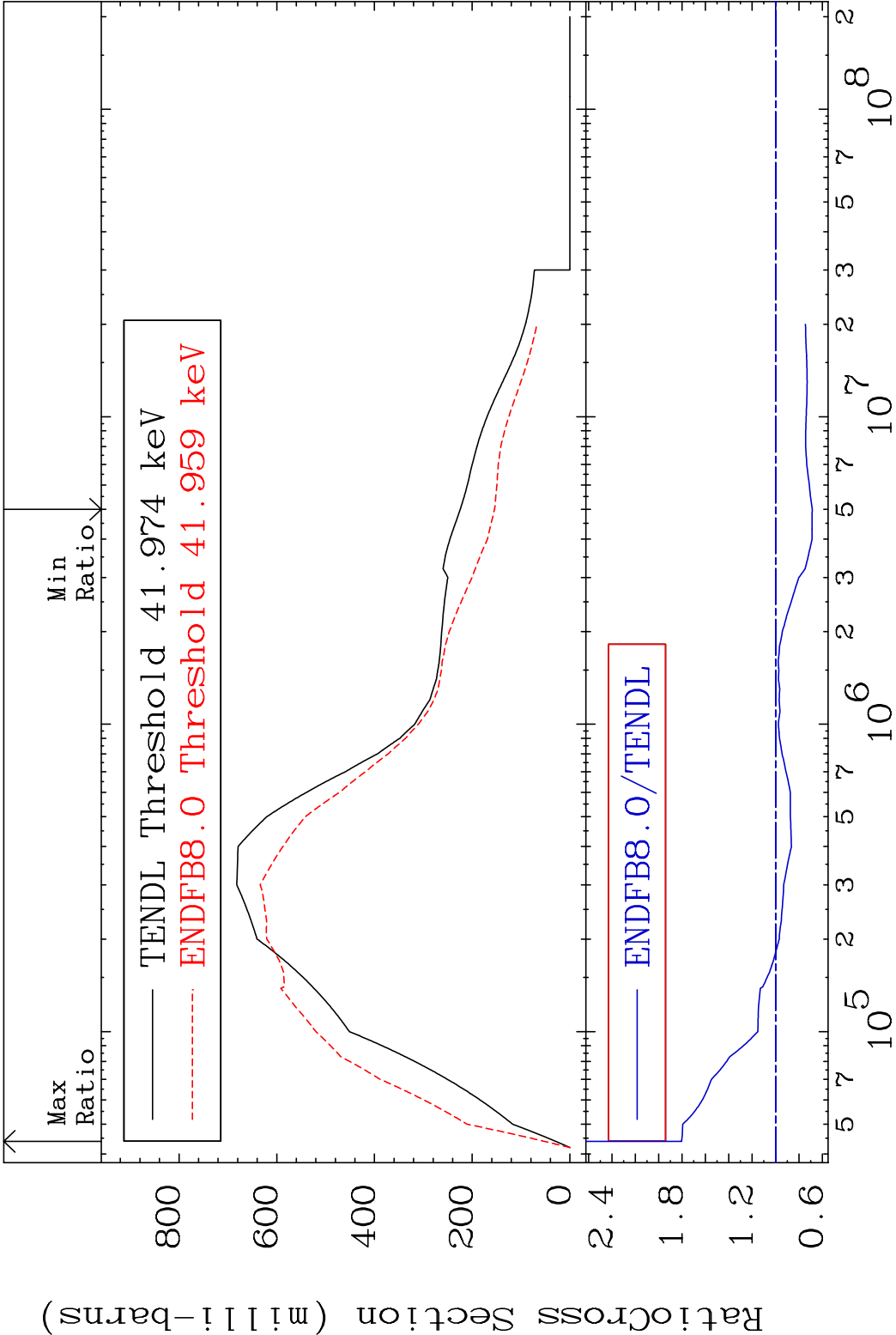


12      Incident Energy (eV)      97-Bk-249

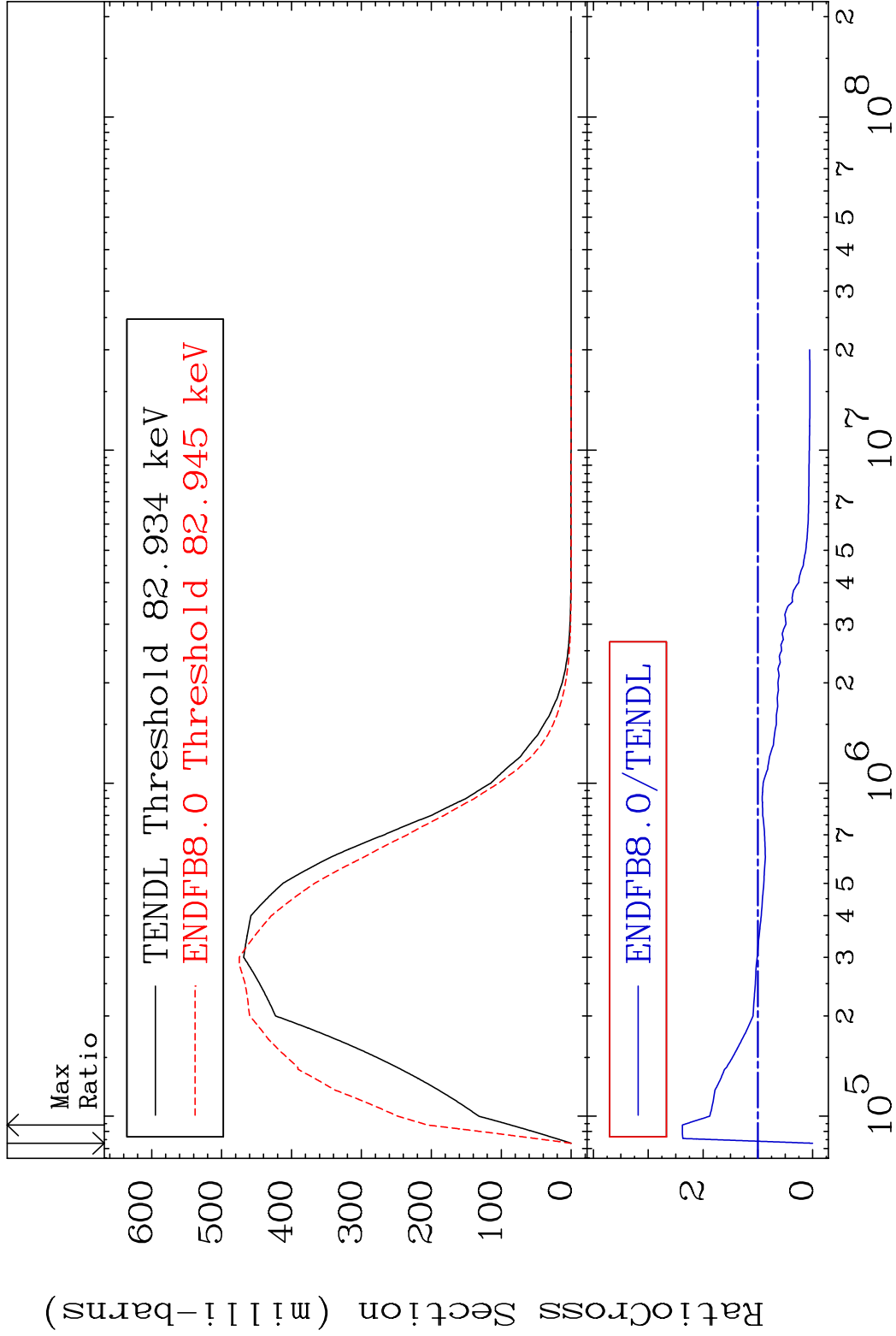
MAT 9752      MT= 52 (n,n') Level      97-Bk-249  
Cross Section    -100.0 To 323.4 %



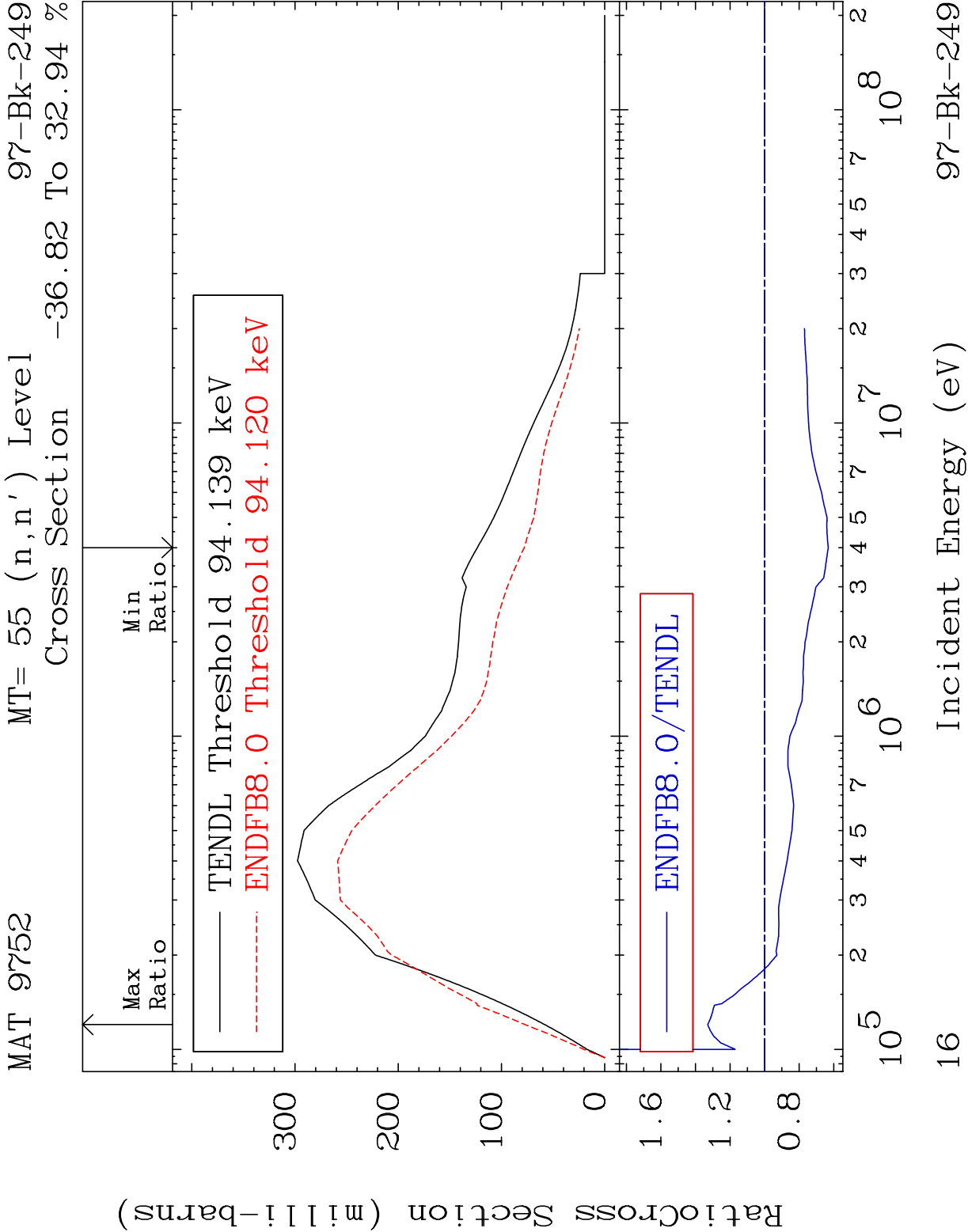
MAT 9752      MT= 53 (n,n') Level      97-Bk-249  
Cross Section    -31.38 To 80.43 %



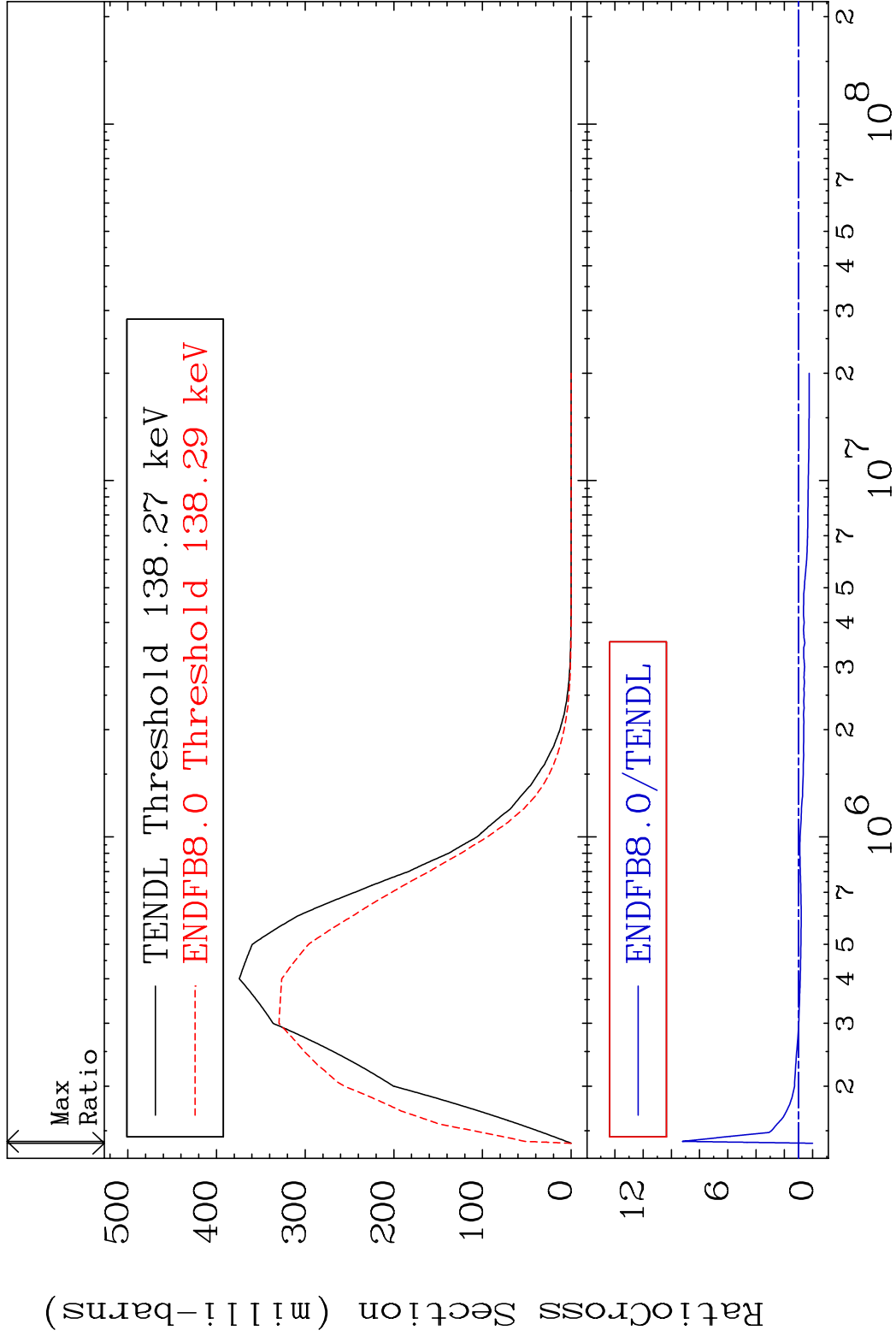
MAT 9752      MT= 54 (n,n') Level      97-Bk-249  
Cross Section    -100.0 To 137.8 %



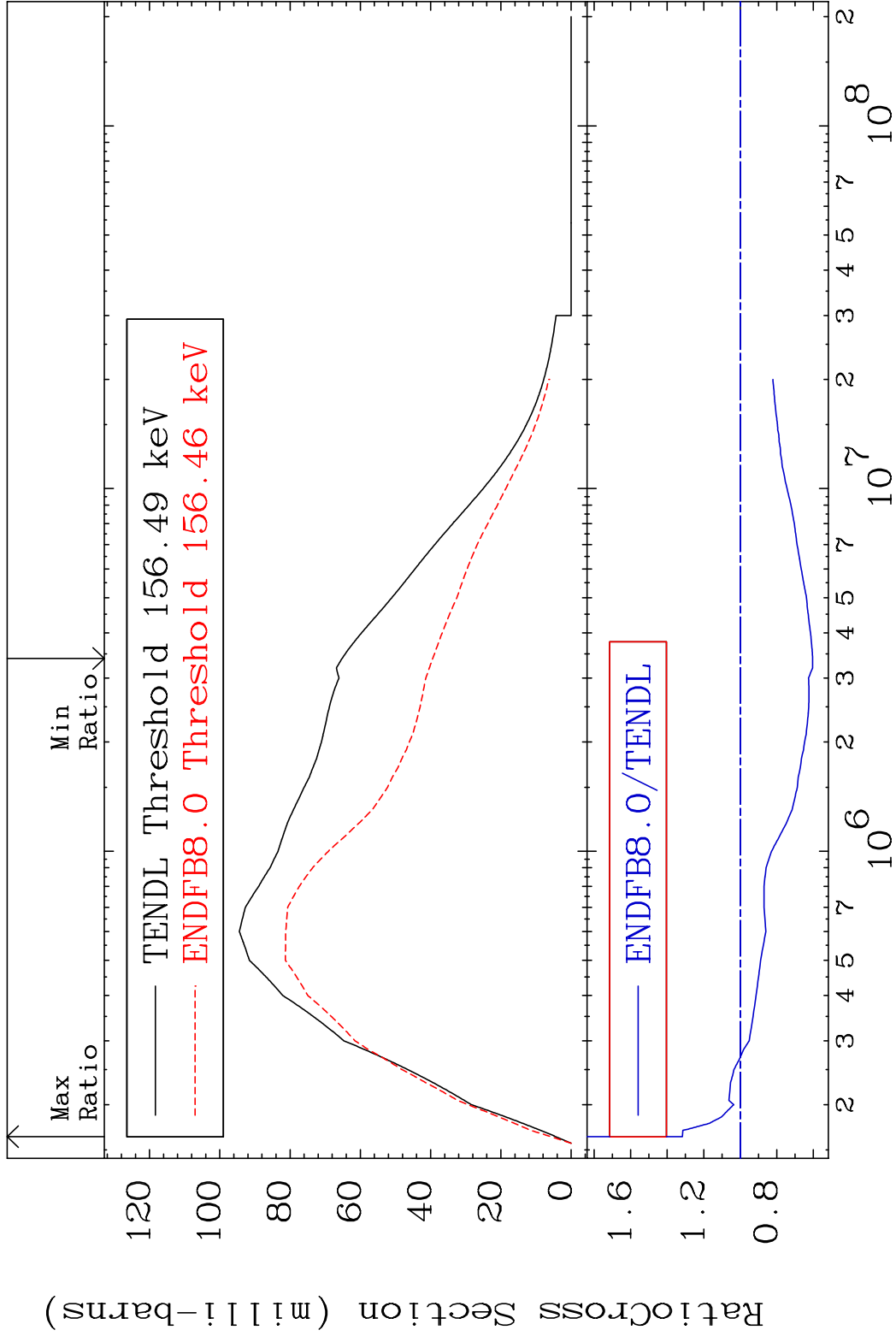
15      Incident Energy (eV)      97-Bk-249



MAT 9752      MT= 56 (n,n') Level      97-Bk-249  
Cross Section    -100.0 To 822.2 %



MAT 9752      MT= 57 (n,n') Level      97-Bk-249  
Cross Section      -39.59 To 31.70 %



MAT 9752

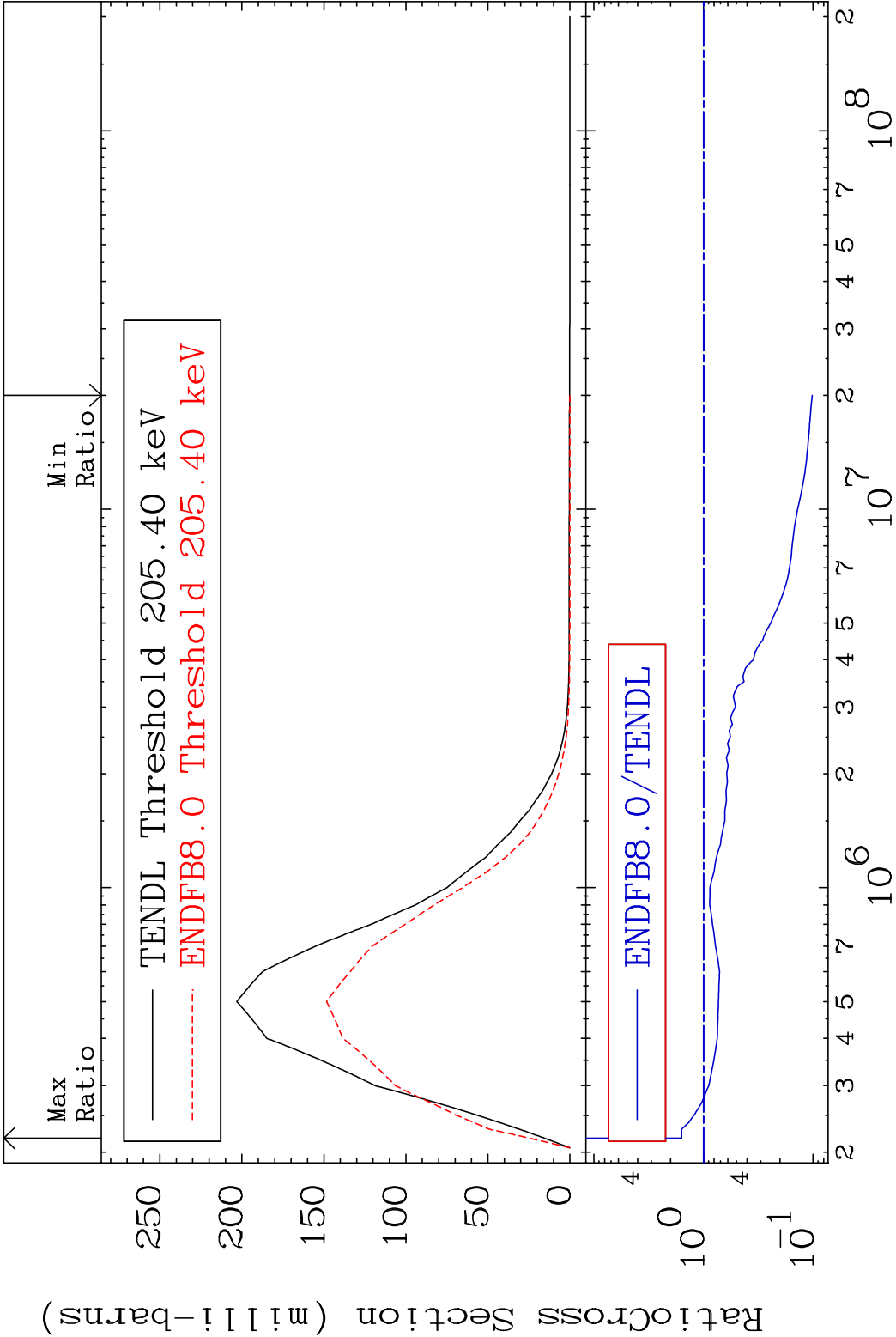
MT= 58 (n,n')

Level

97-Bk-249

Cross Section

-89.82 To 58.81 %

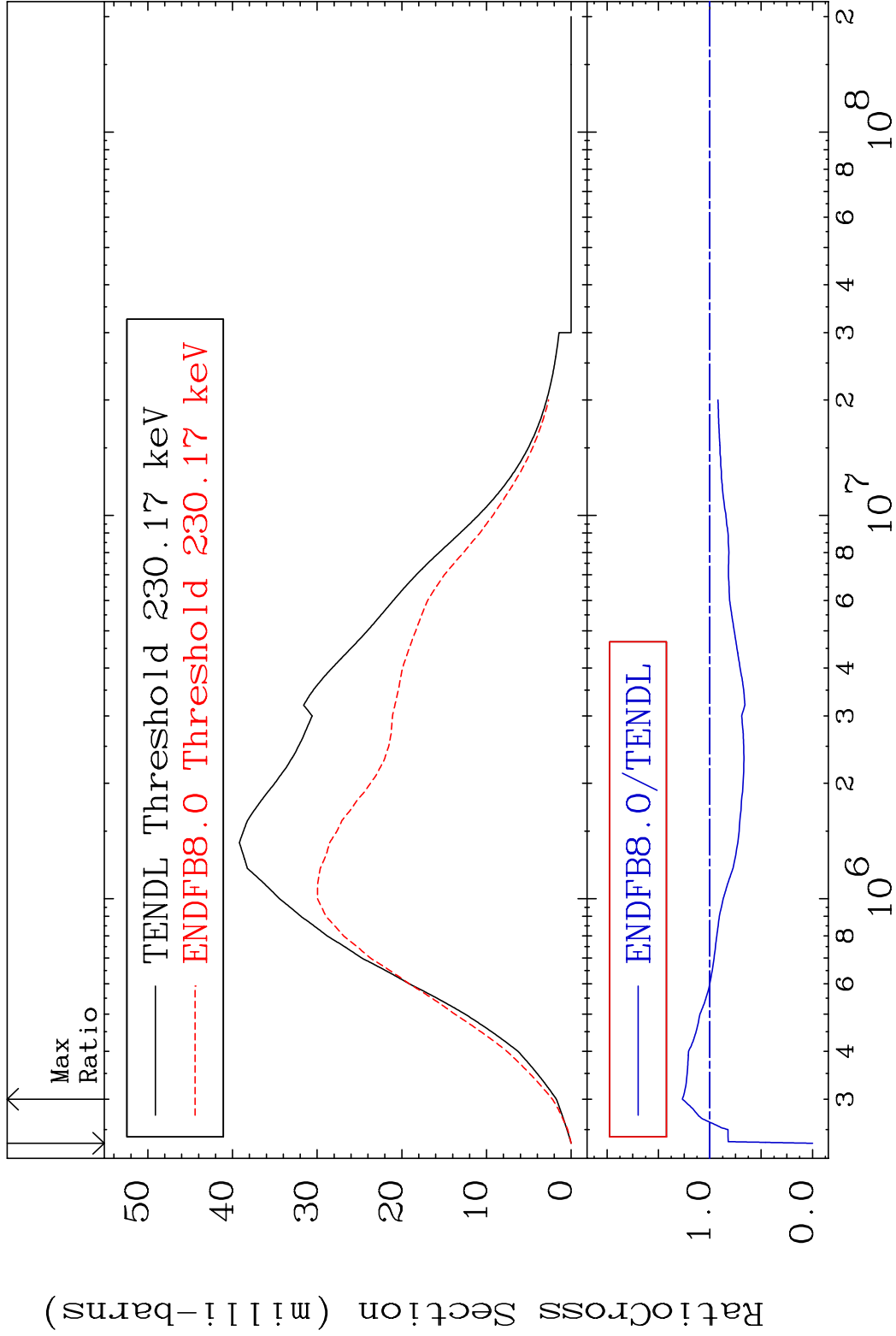


19

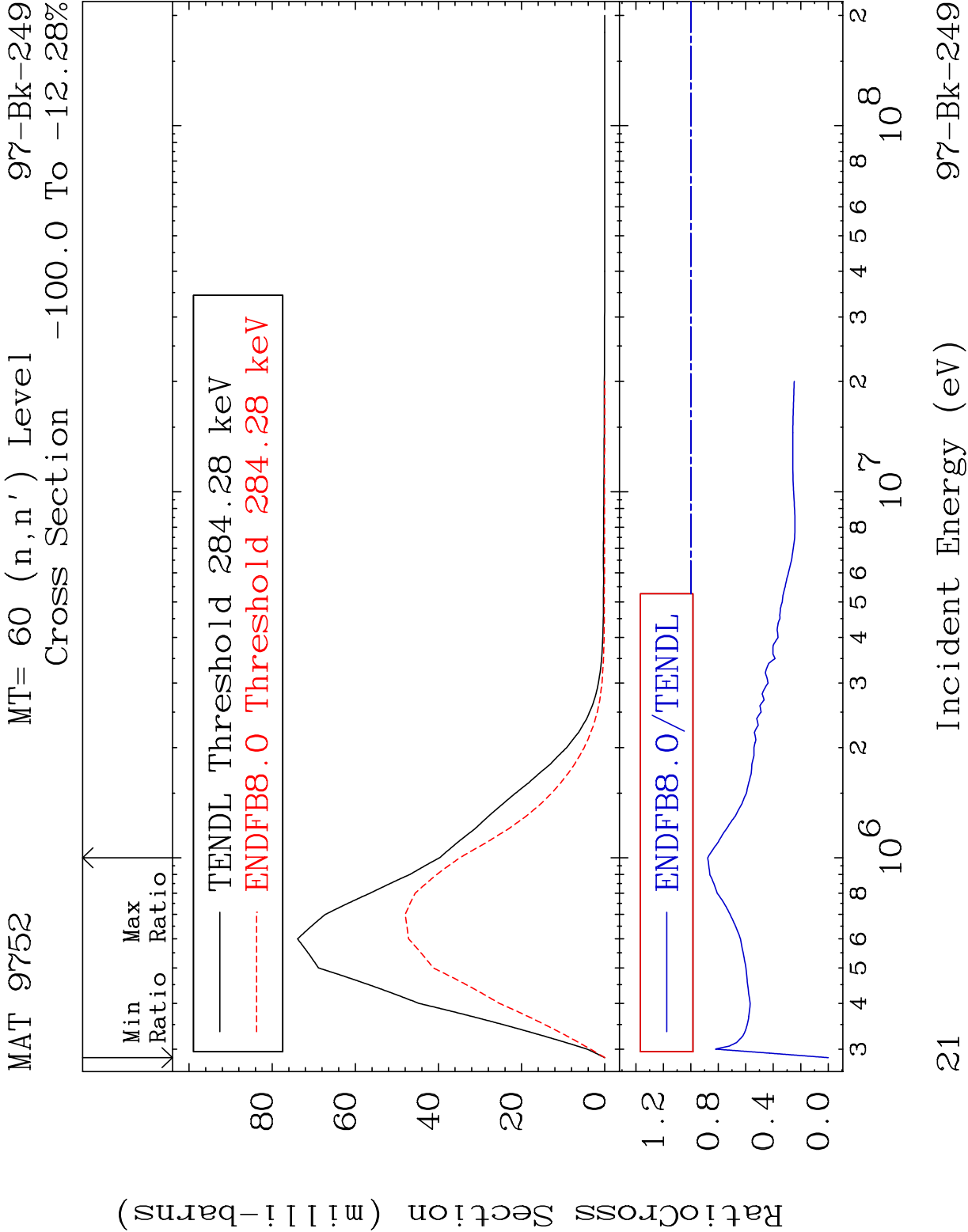
Incident Energy (eV)

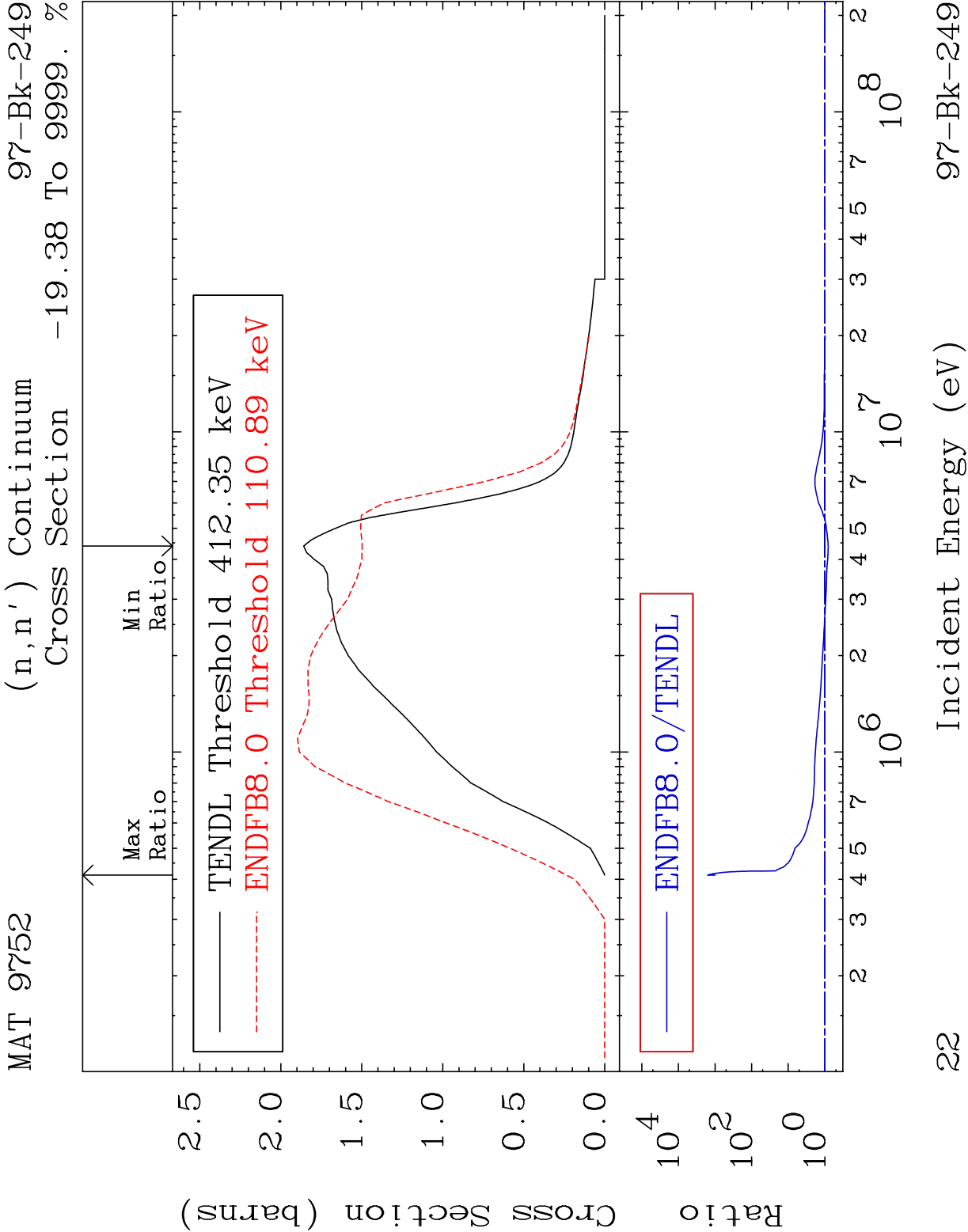
97-Bk-249

MAT 9752      MT= 59 (n,n') Level      97-Bk-249  
Cross Section    -100.0 To 26.72 %

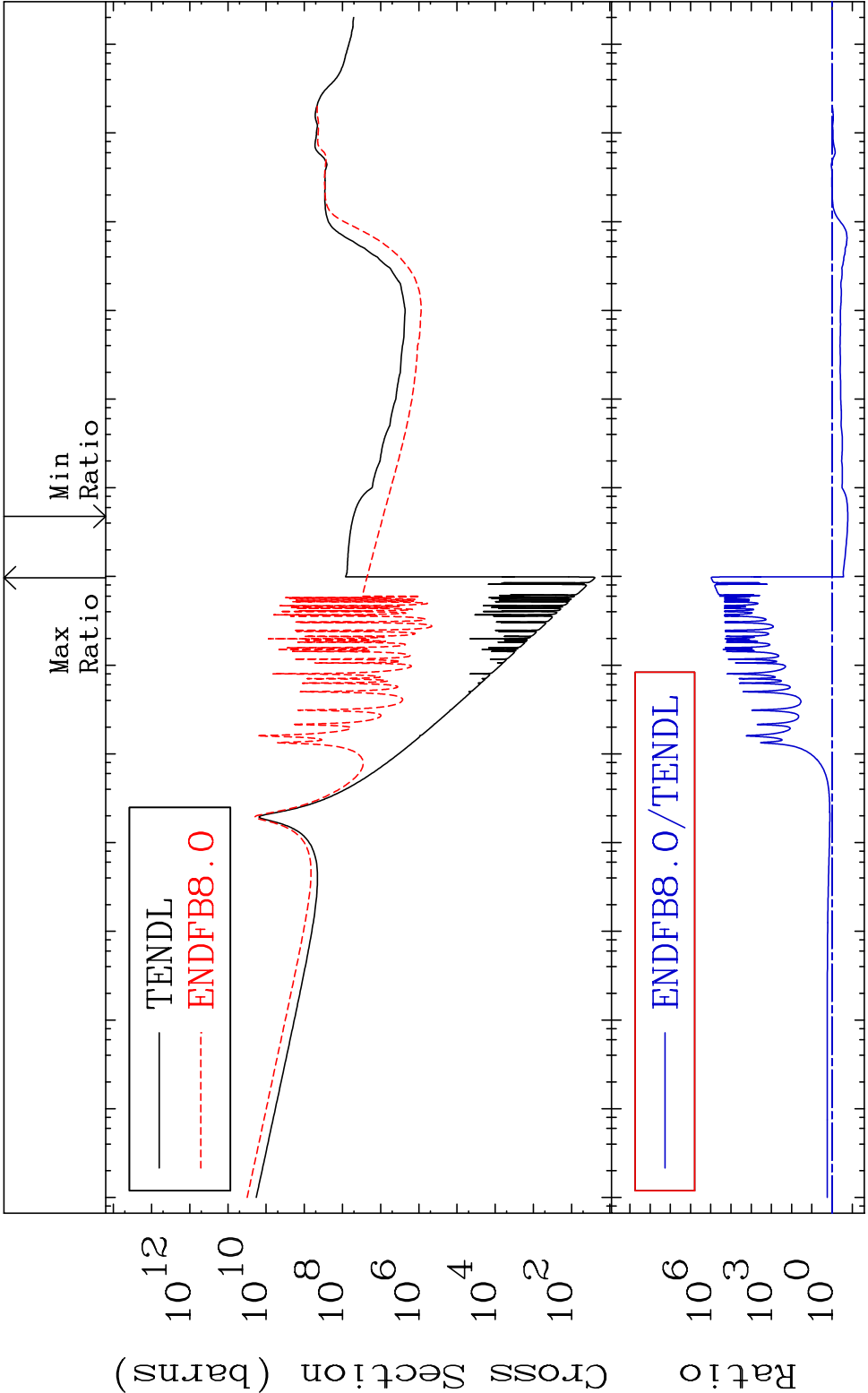


20      Incident Energy (eV)      97-Bk-249

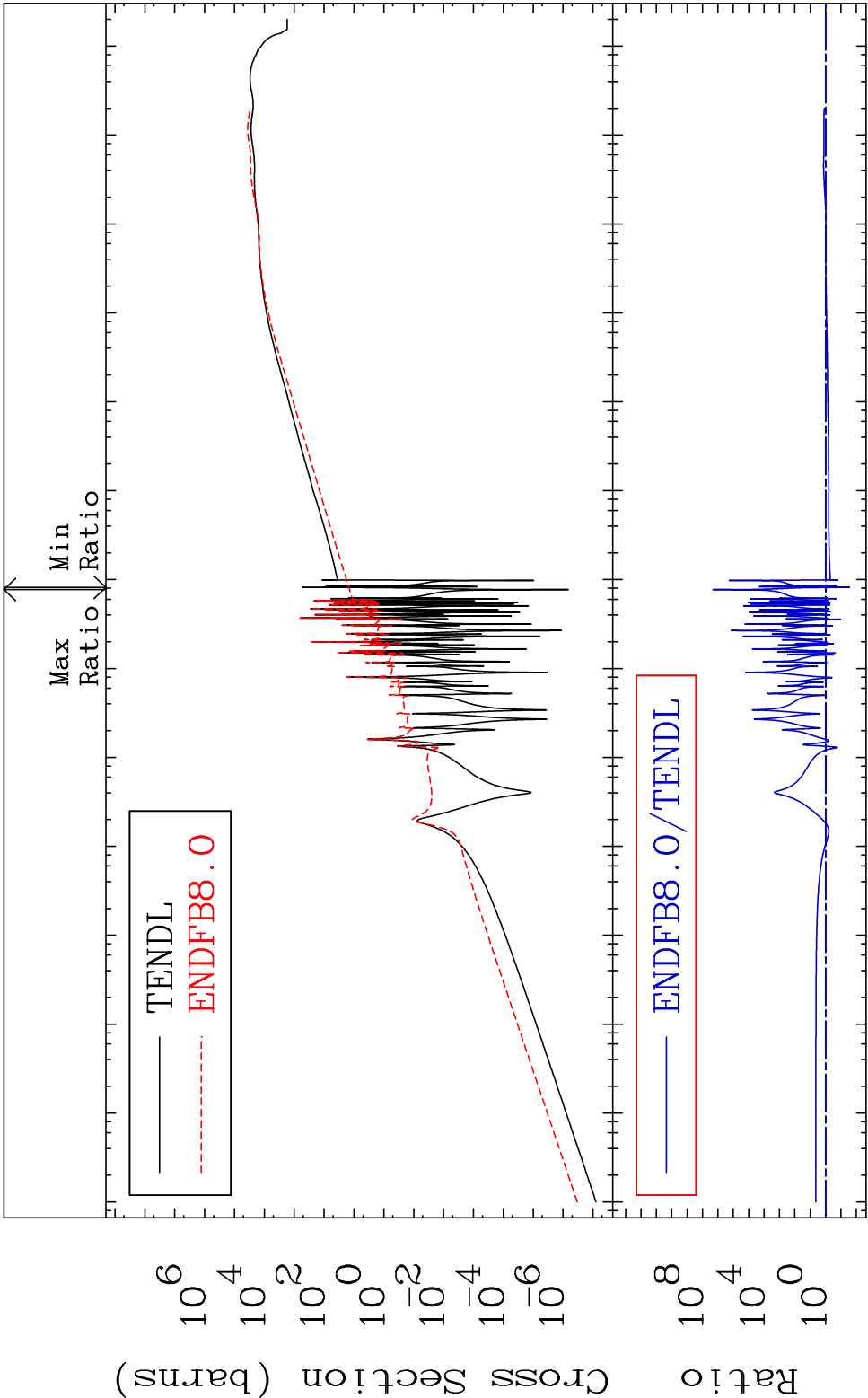


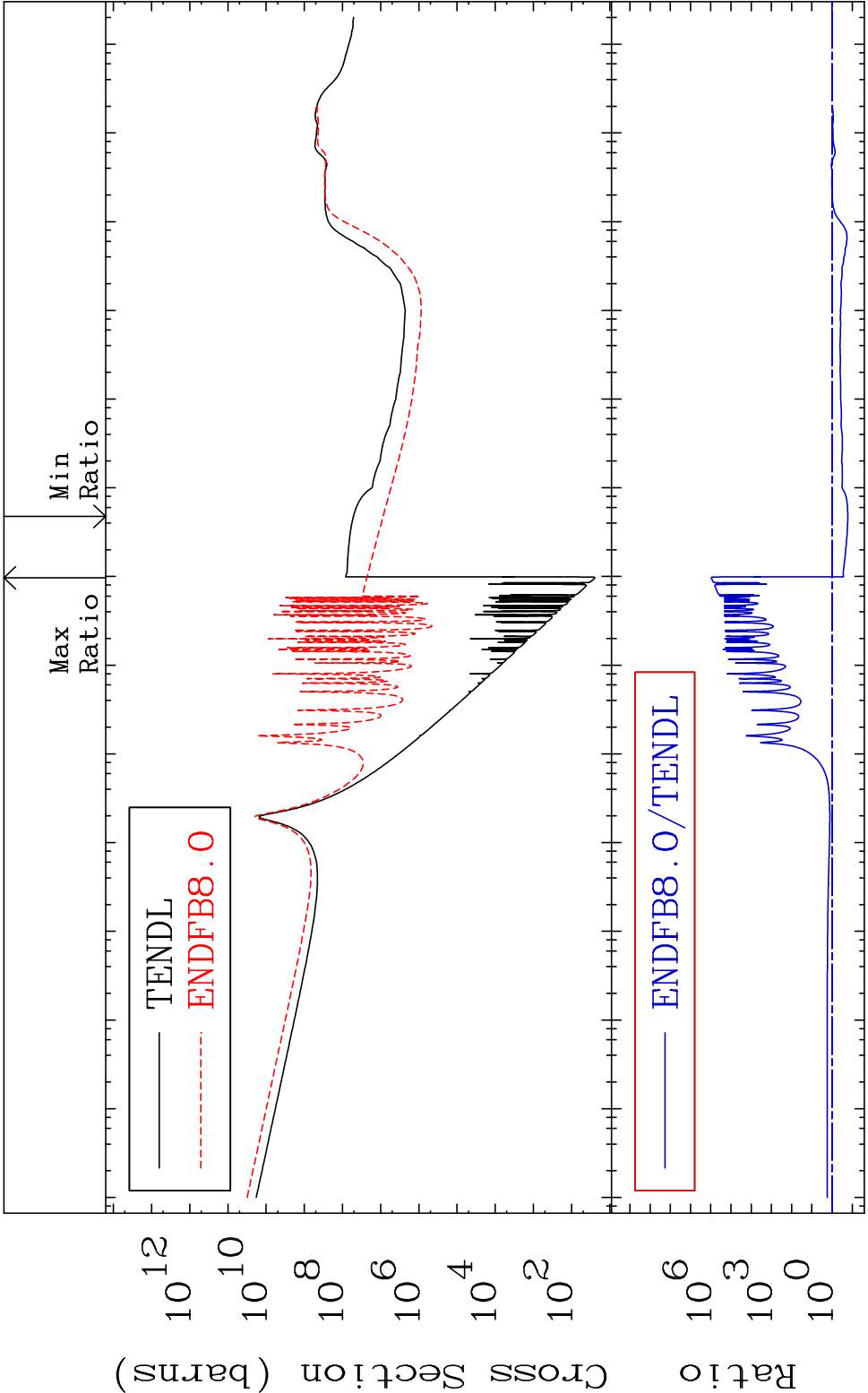




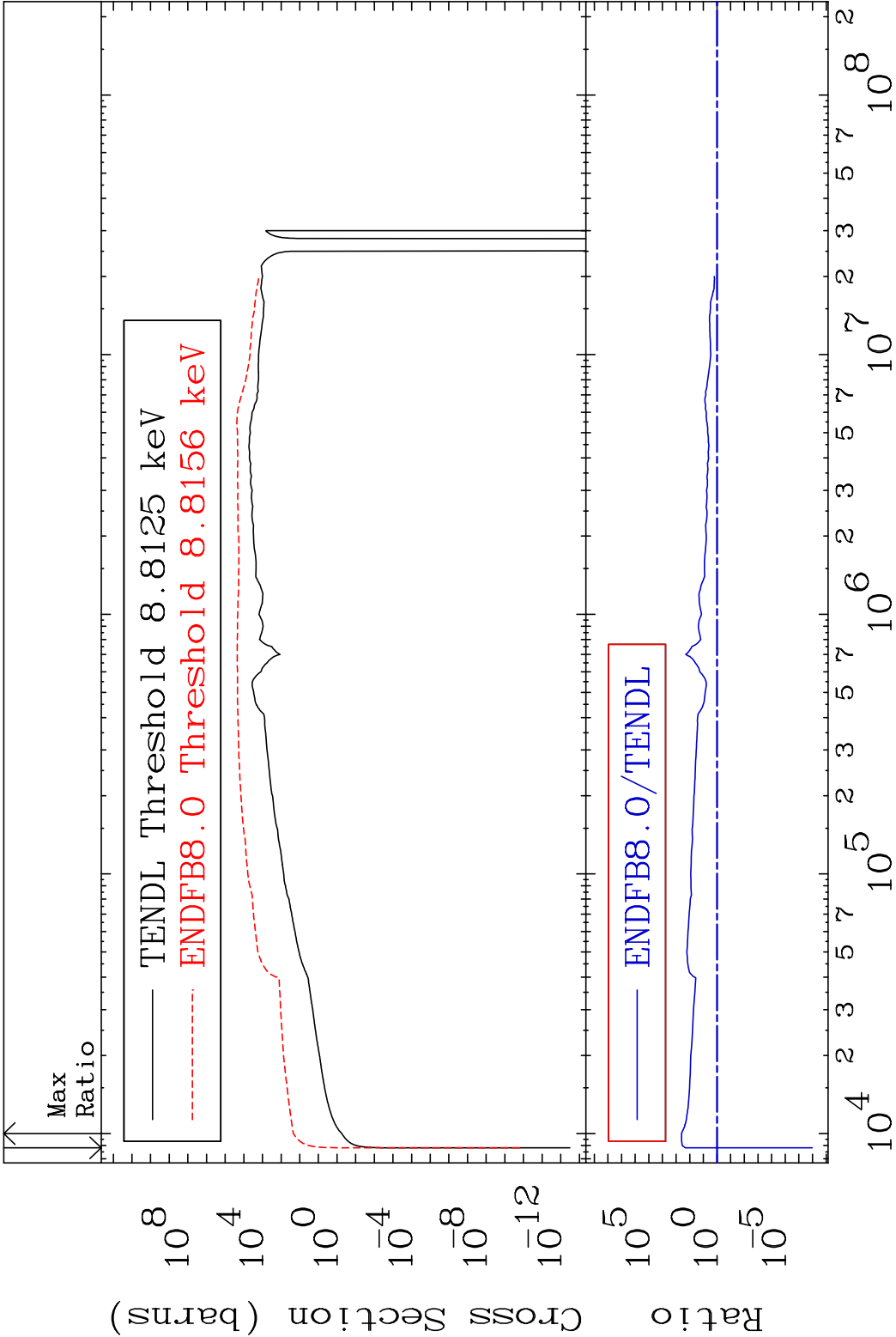


|          |               |                   |
|----------|---------------|-------------------|
| MAT 9752 | Kerma elastic | 97-Bk-249         |
|          | Cross Section | -97.22 To 9999. % |

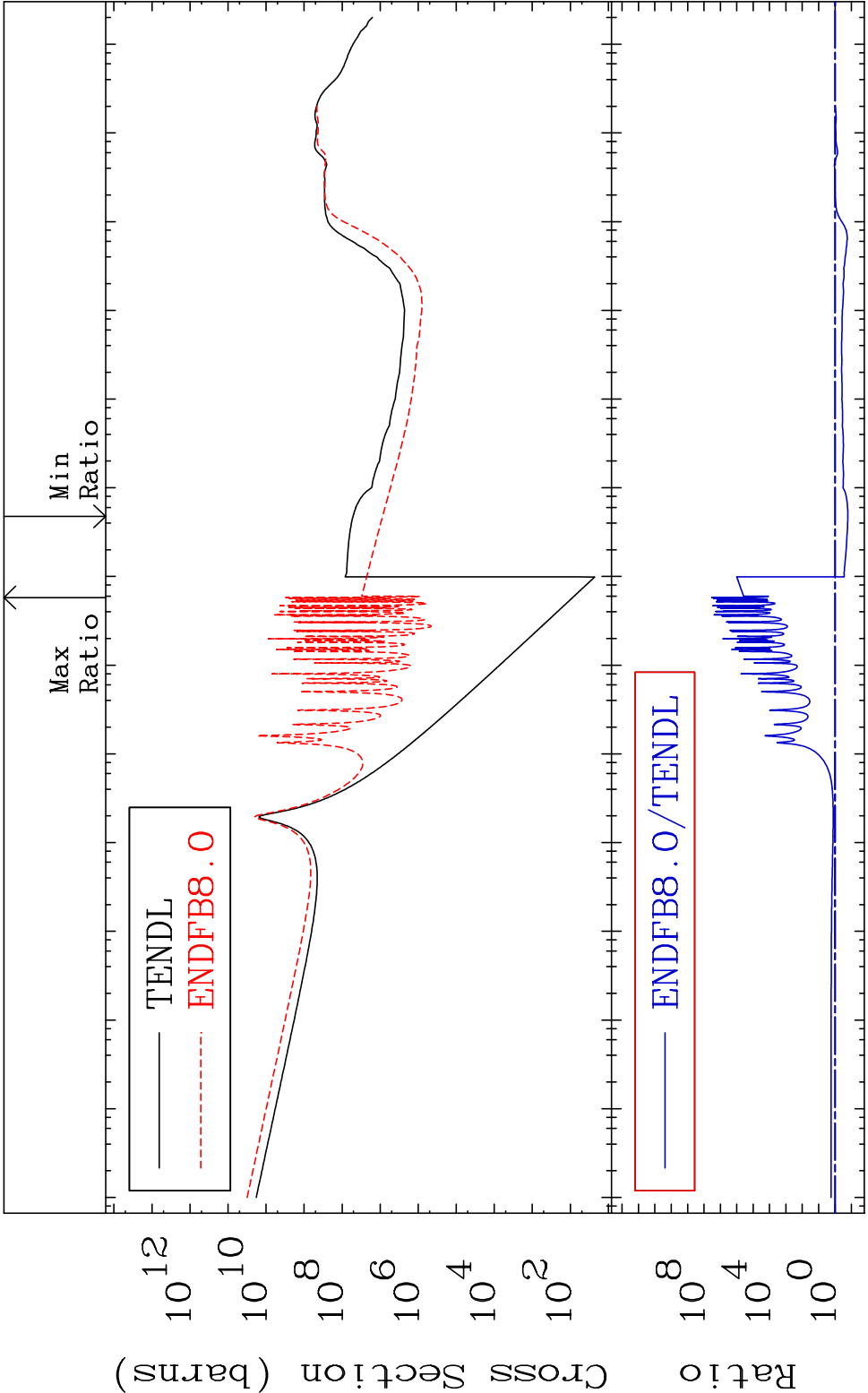




MAT 9752      Kerma inelastic (mt51-91)      97-Bk-249  
Cross Section      -100.0 To 9999. %

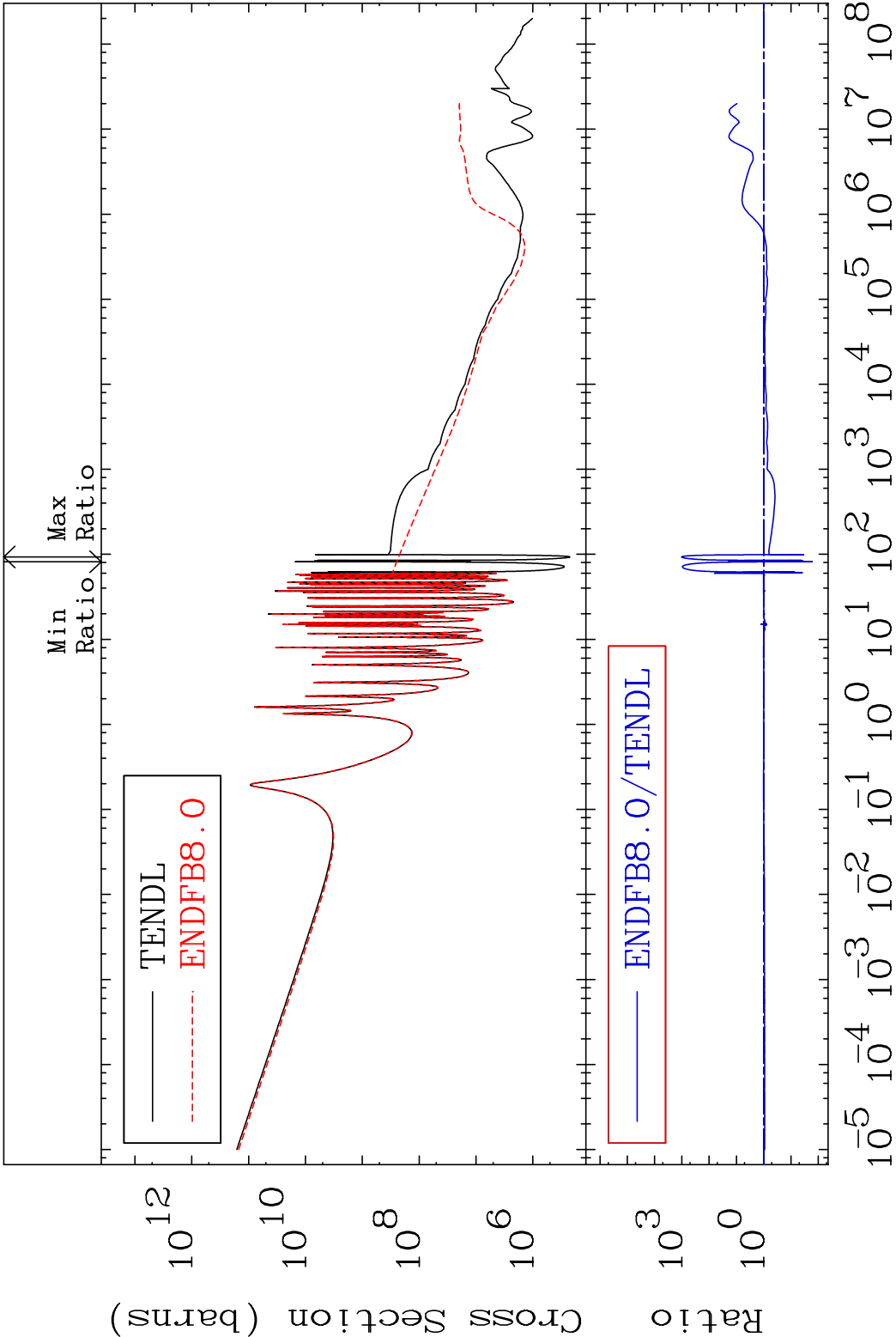


MAT 9752Kerma fission (mt18 or mt19-20-21-38)p7-Bk-249  
Cross Section -83.30 To 9999. %



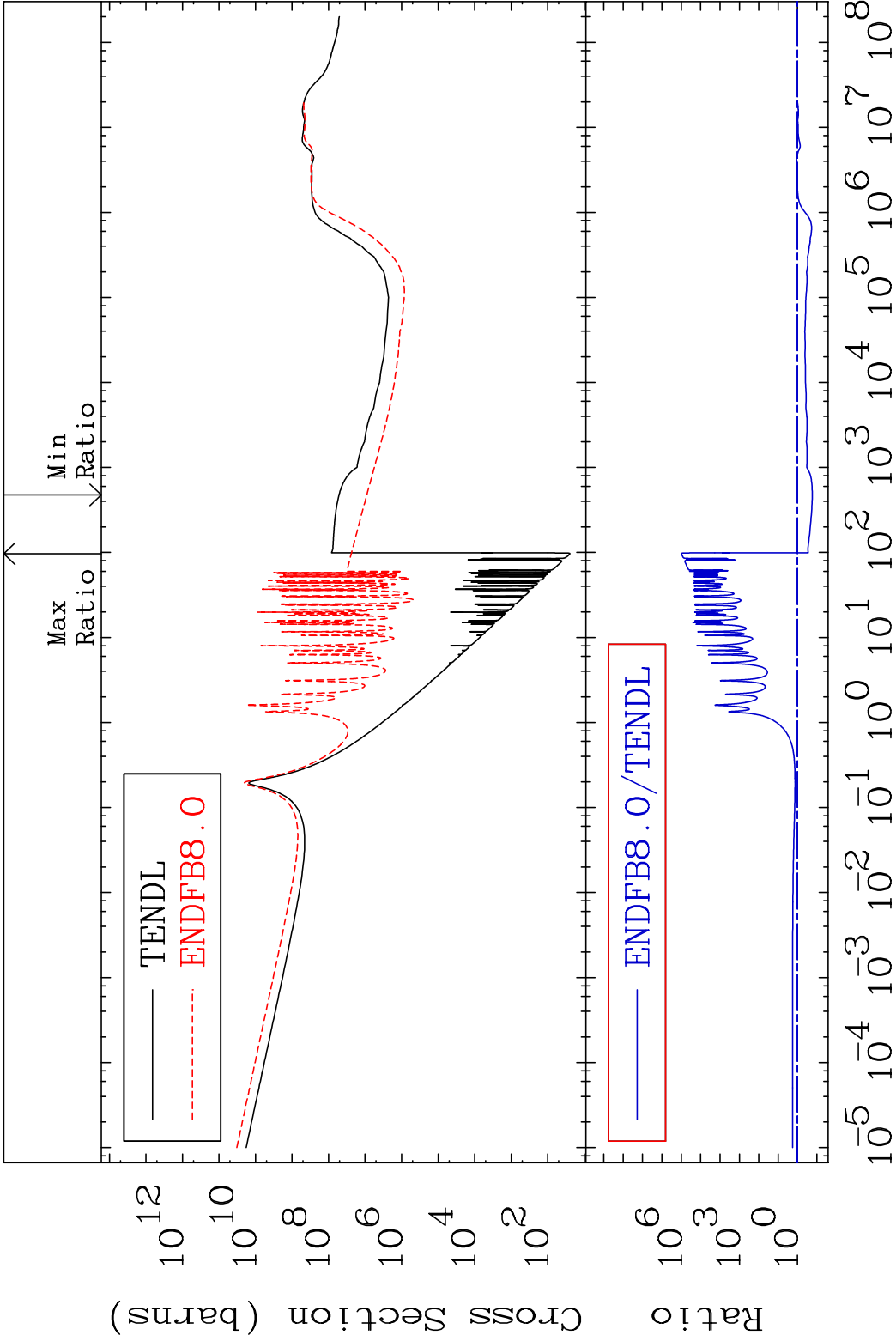


MAT 9752      Total photon (eV-barns)      97-Bk-249  
Cross Section    -98.35 To 9999. %

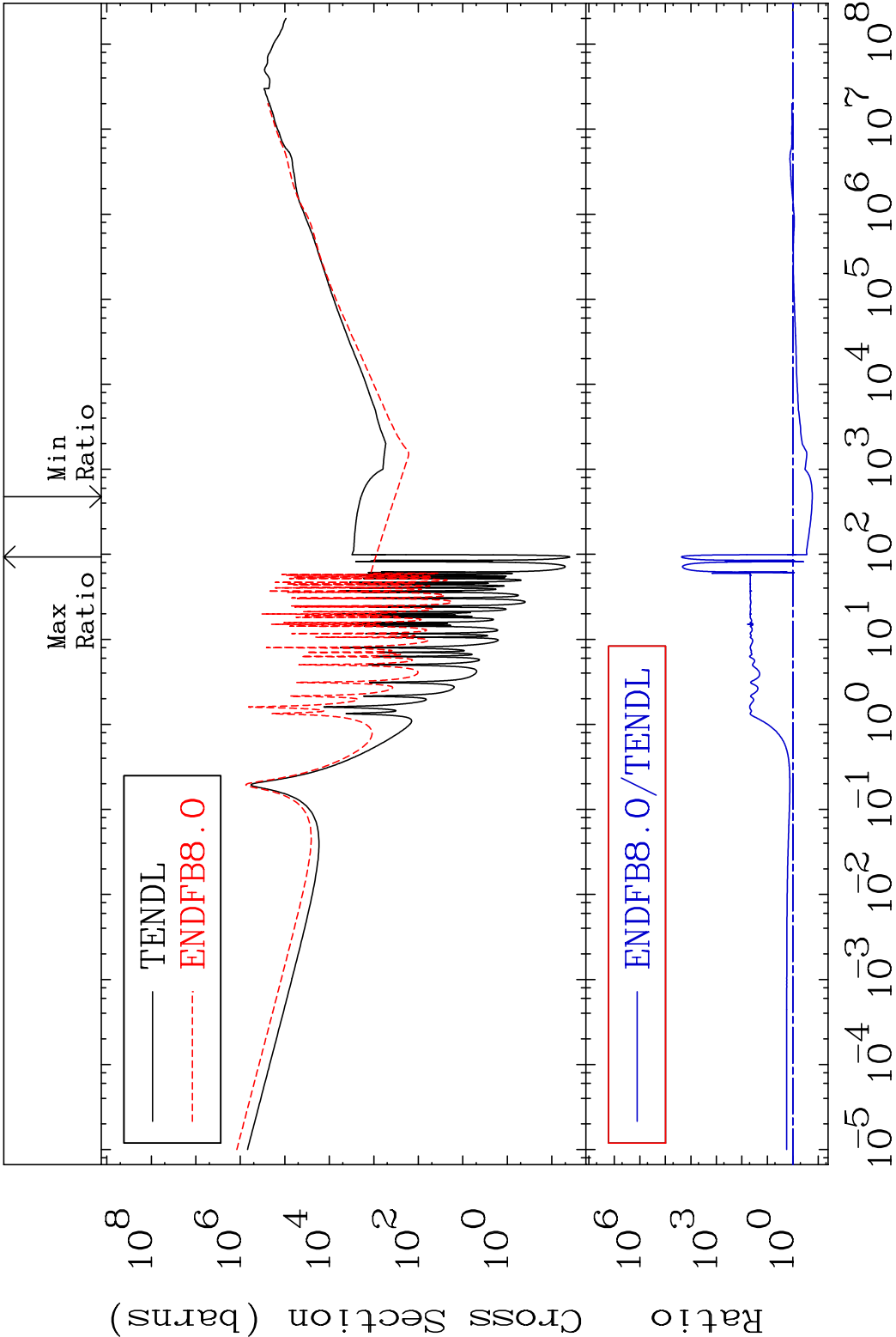


30      Incident Energy (eV)      97-Bk-249

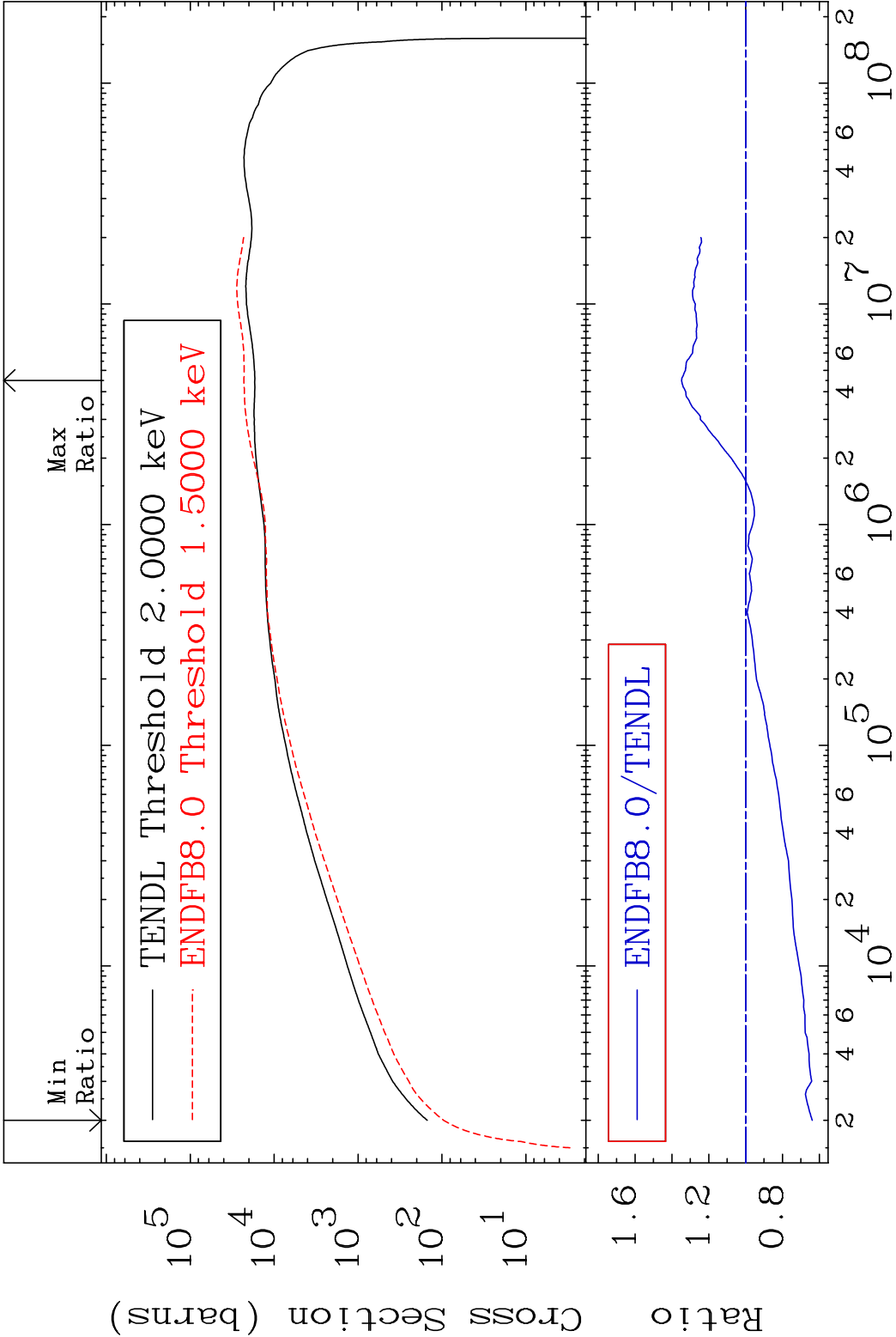
MAT 9752 Total kinematic kerma (high limit) 97-Bk-249  
Cross Section -82.67 To 9999. %



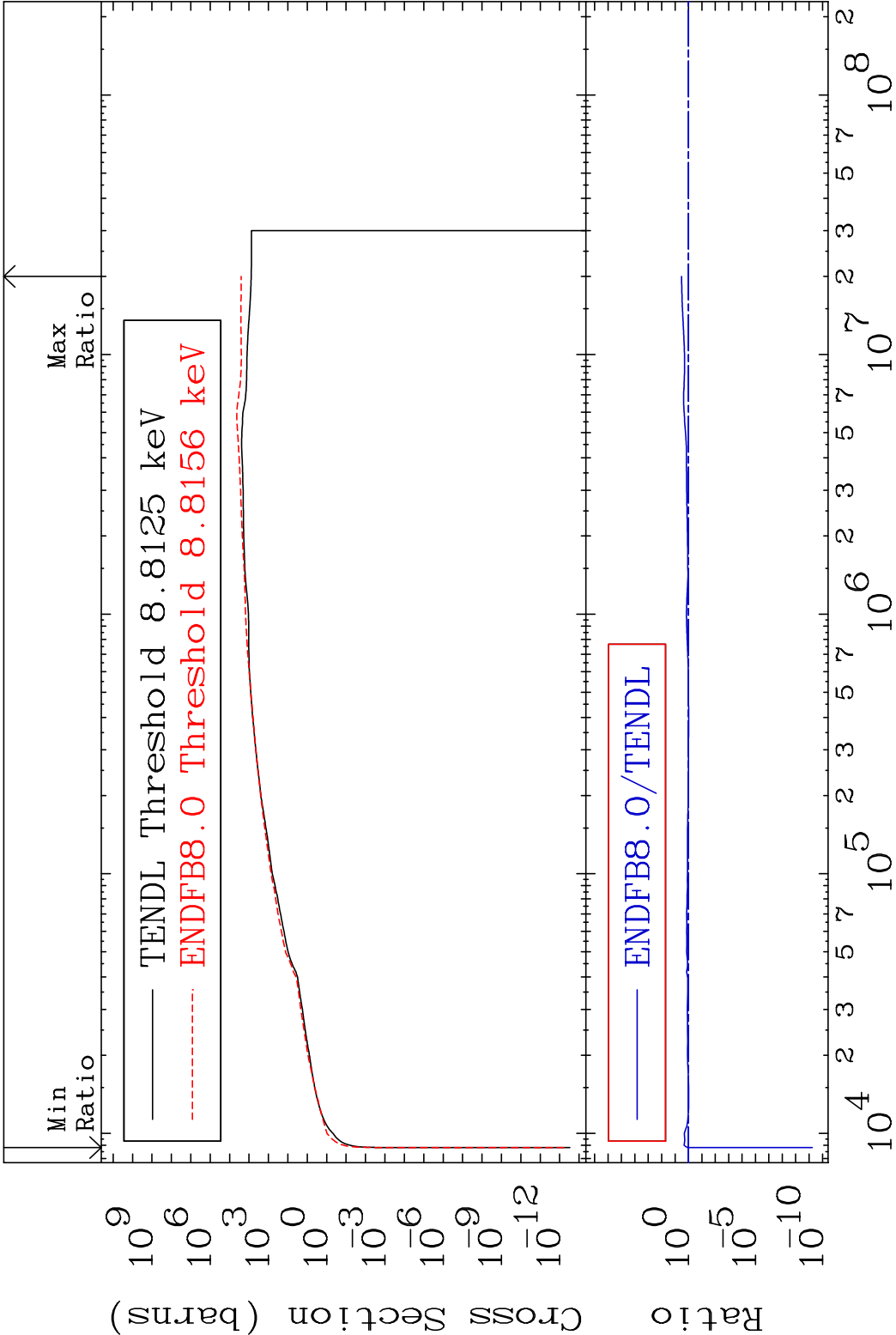
MAT 9752      Dpa total (eV-barns)      97-Bk-249  
Cross Section      -82.69 To 9999. %



MAT 9752      Dpa elastic (mt2)      97-Bk-249  
Cross Section      -36.15 To 34.78 %



MAT 9752      Dpa inelastic (mt51-91)      97-Bk-249  
Cross Section      -100.0 To 228.4 %



MAT 9752    Dpa disappearance (mt102 -120)    97-Bk-249  
Cross Section    -100.0 To 9999. %

