

Program Complot  
(Version 2021-1)

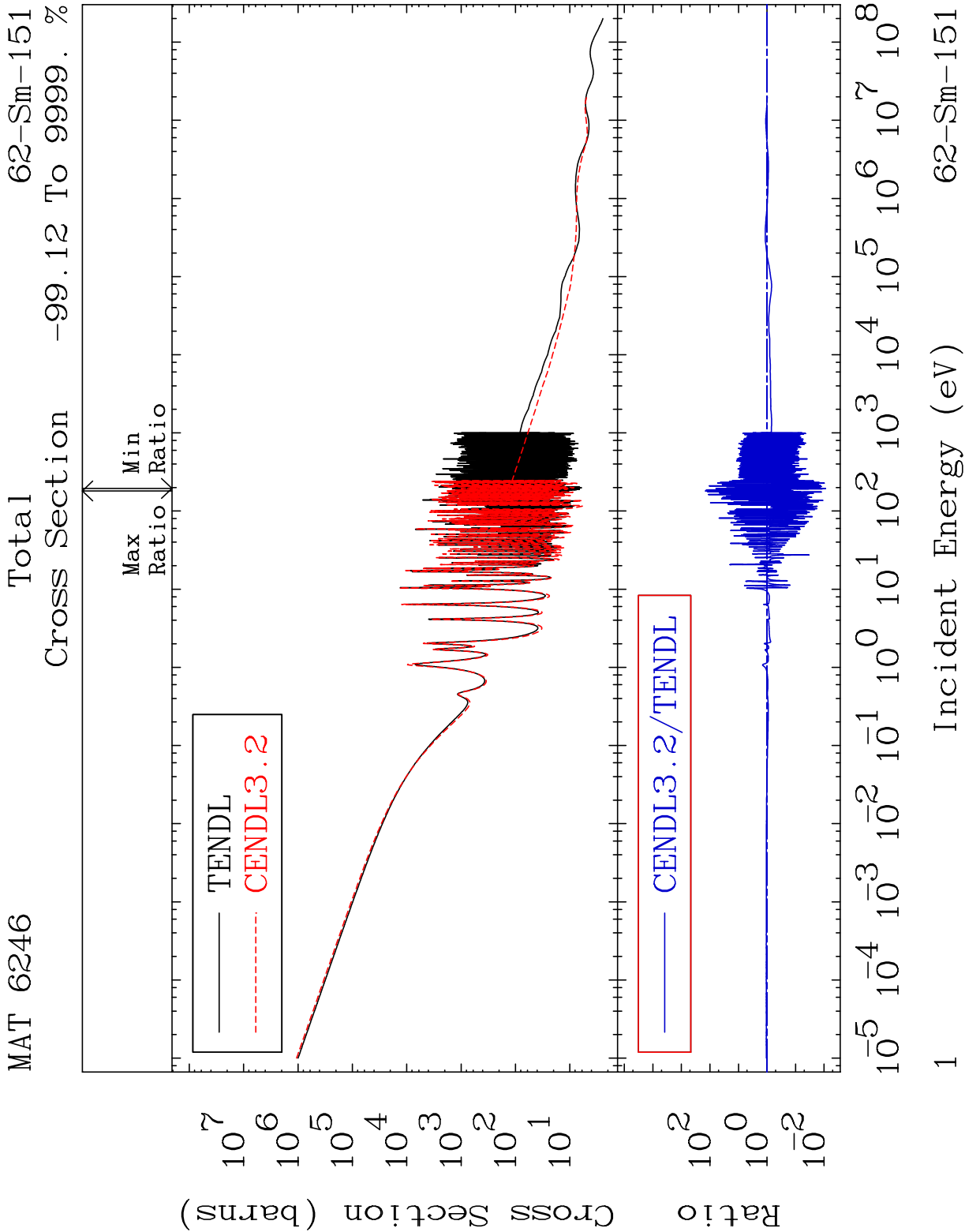
by

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

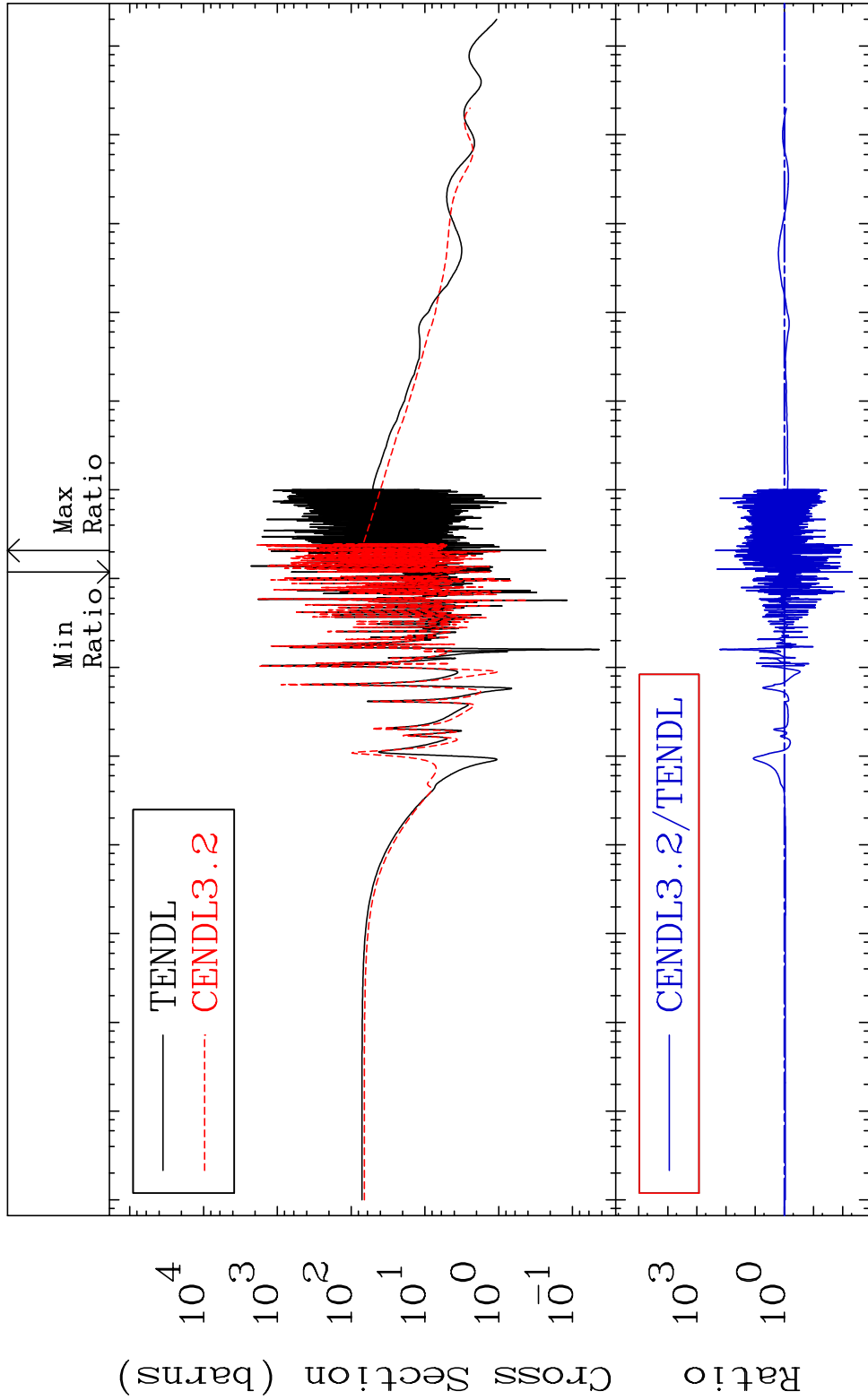


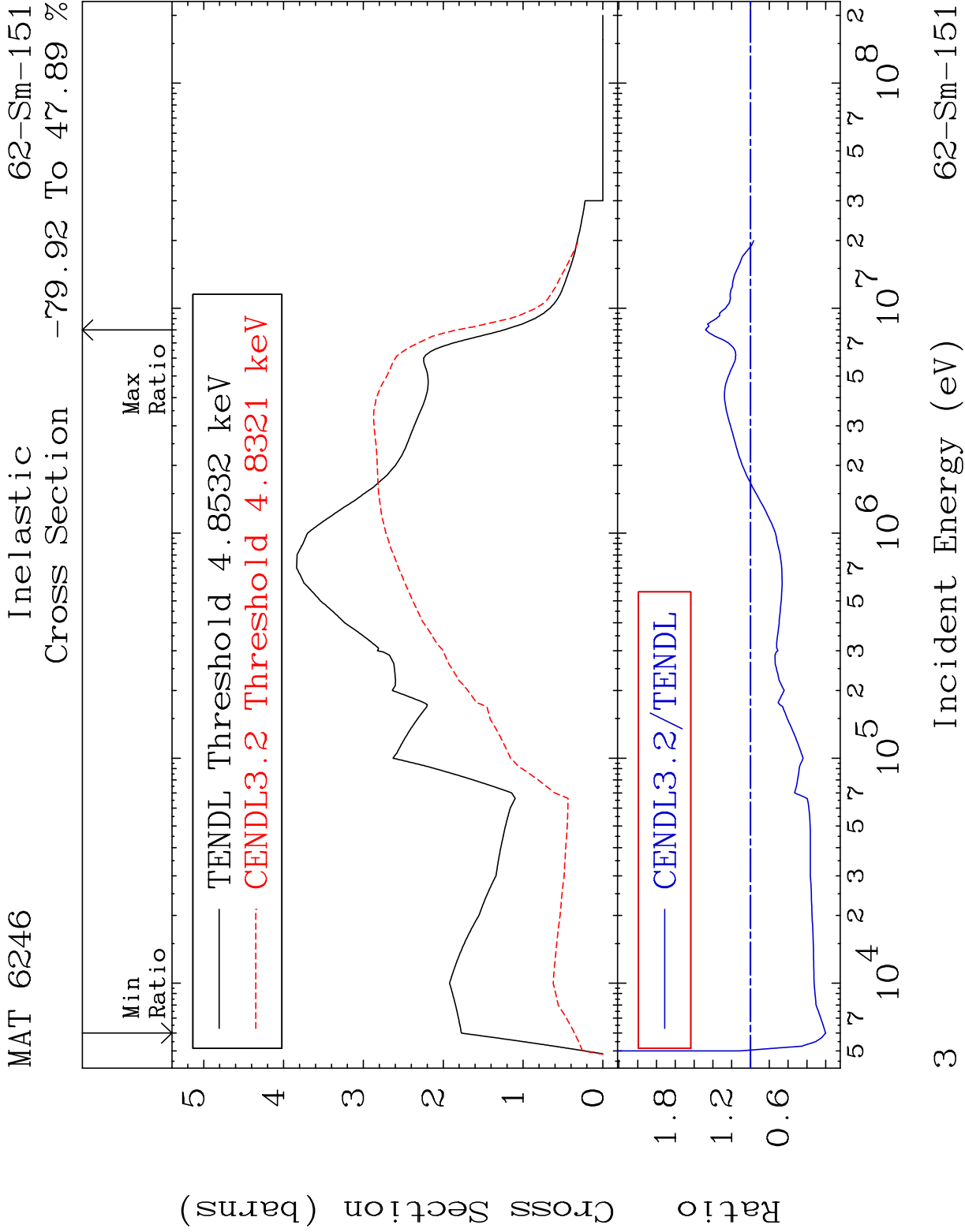
MAT 6246

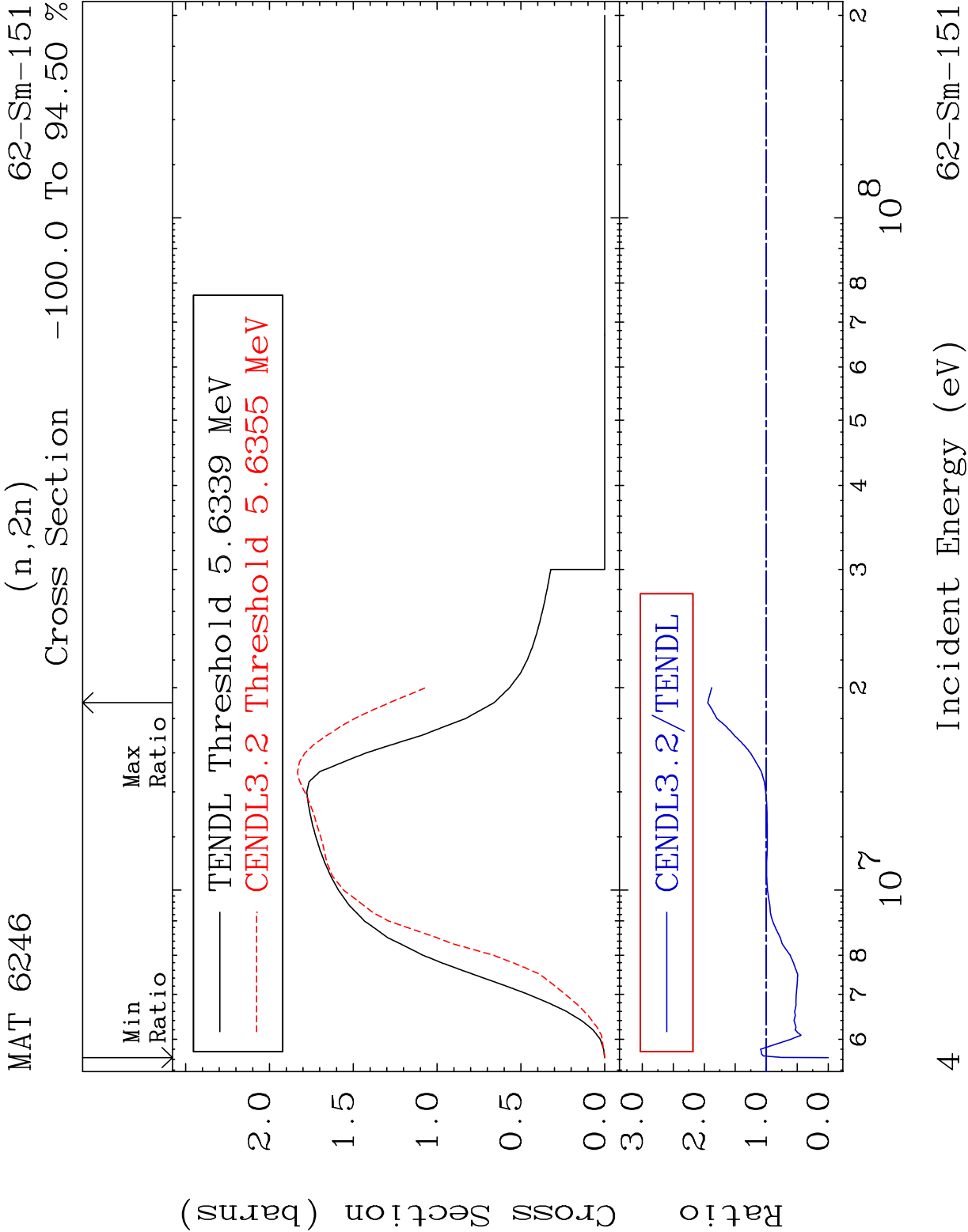
Elastic

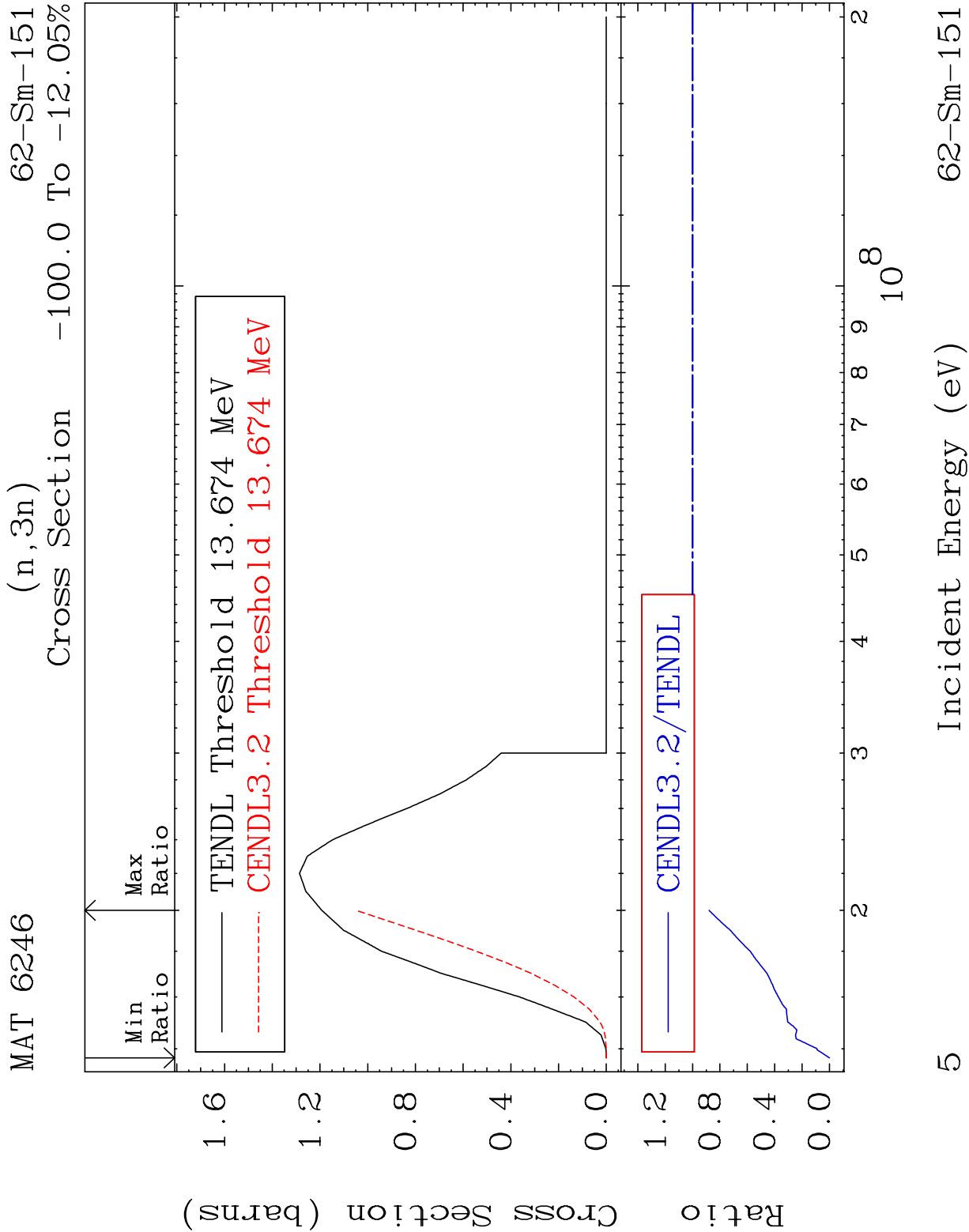
62-Sm-151

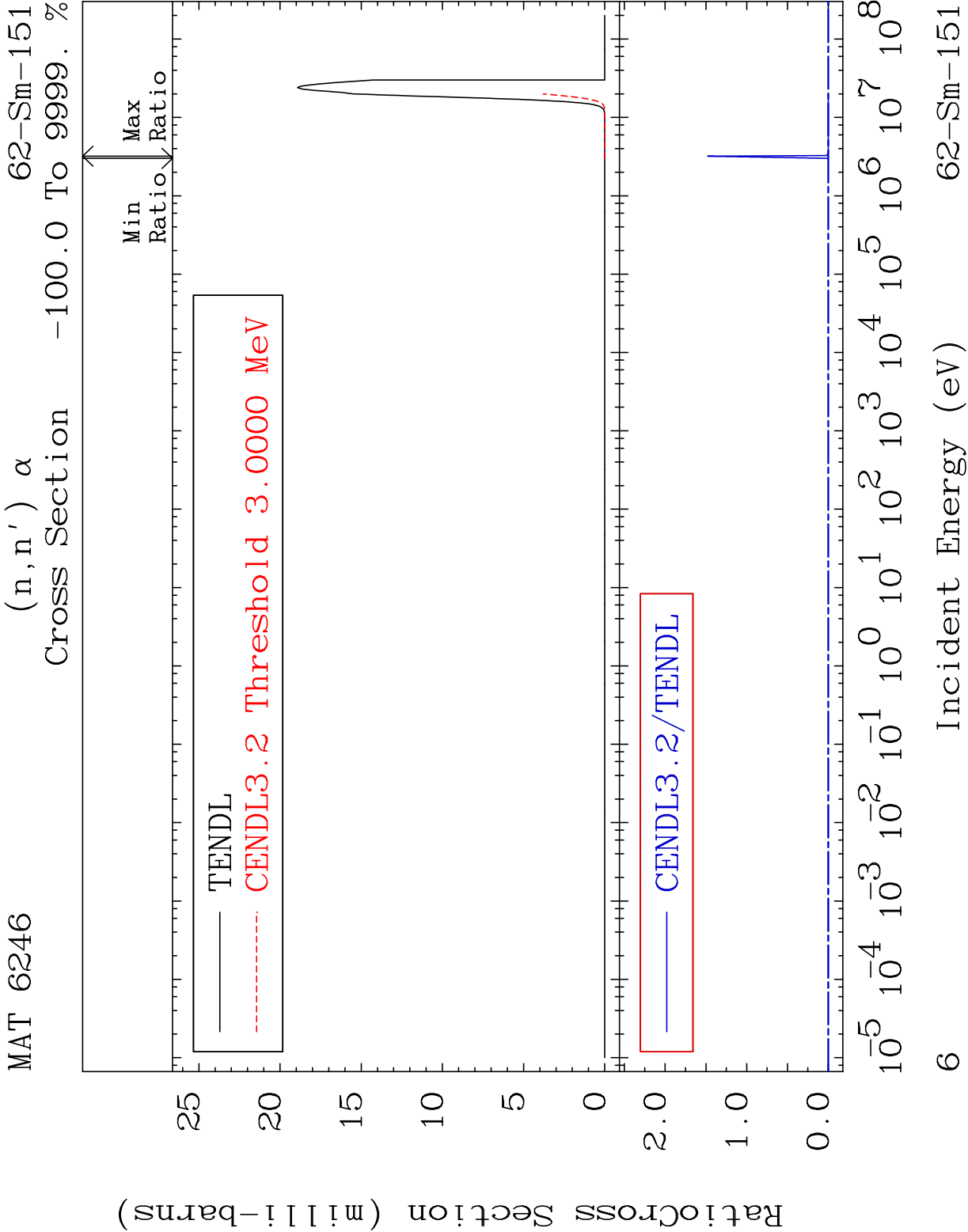
Cross Section -99.53 To 9999. %

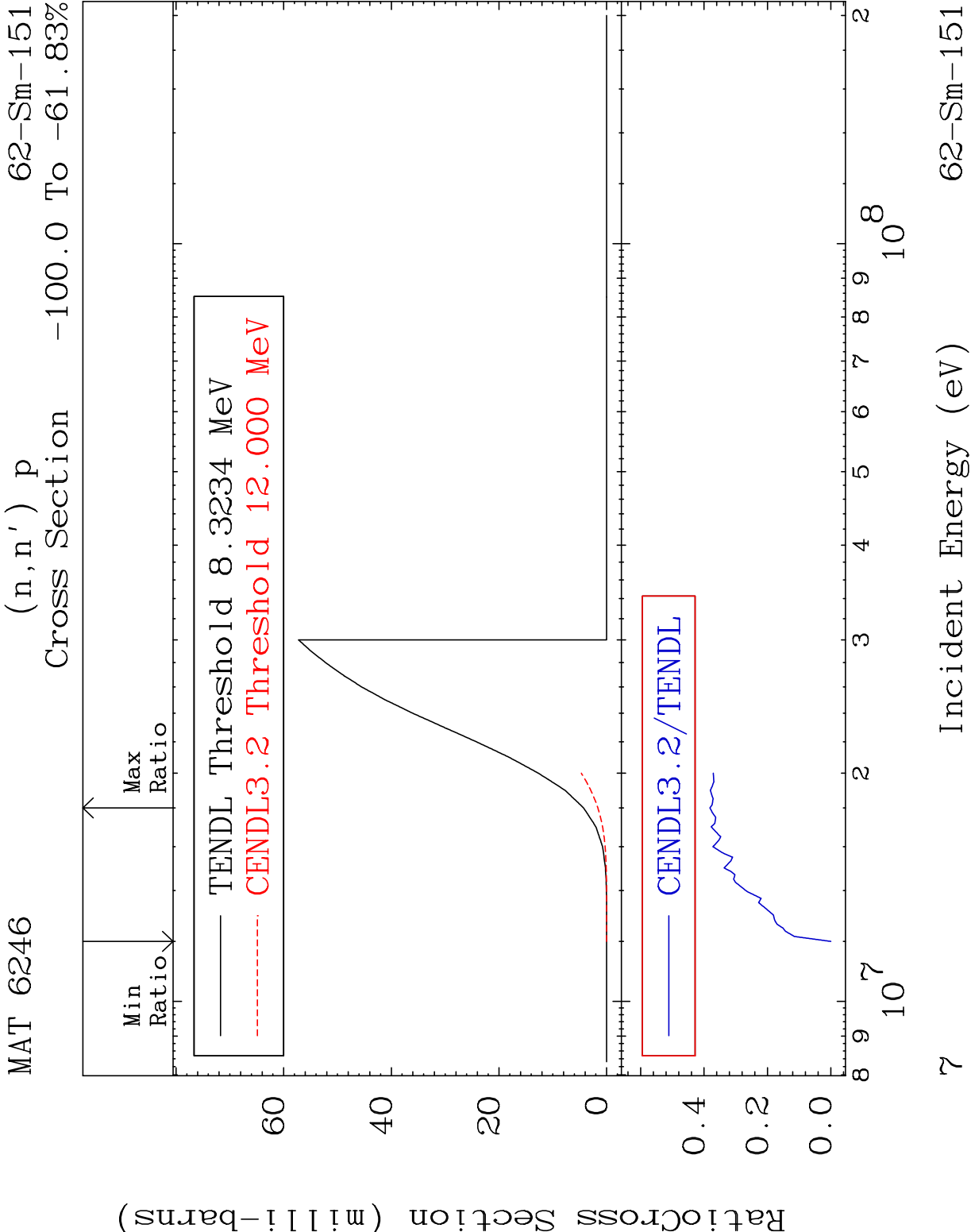












MAT 6246

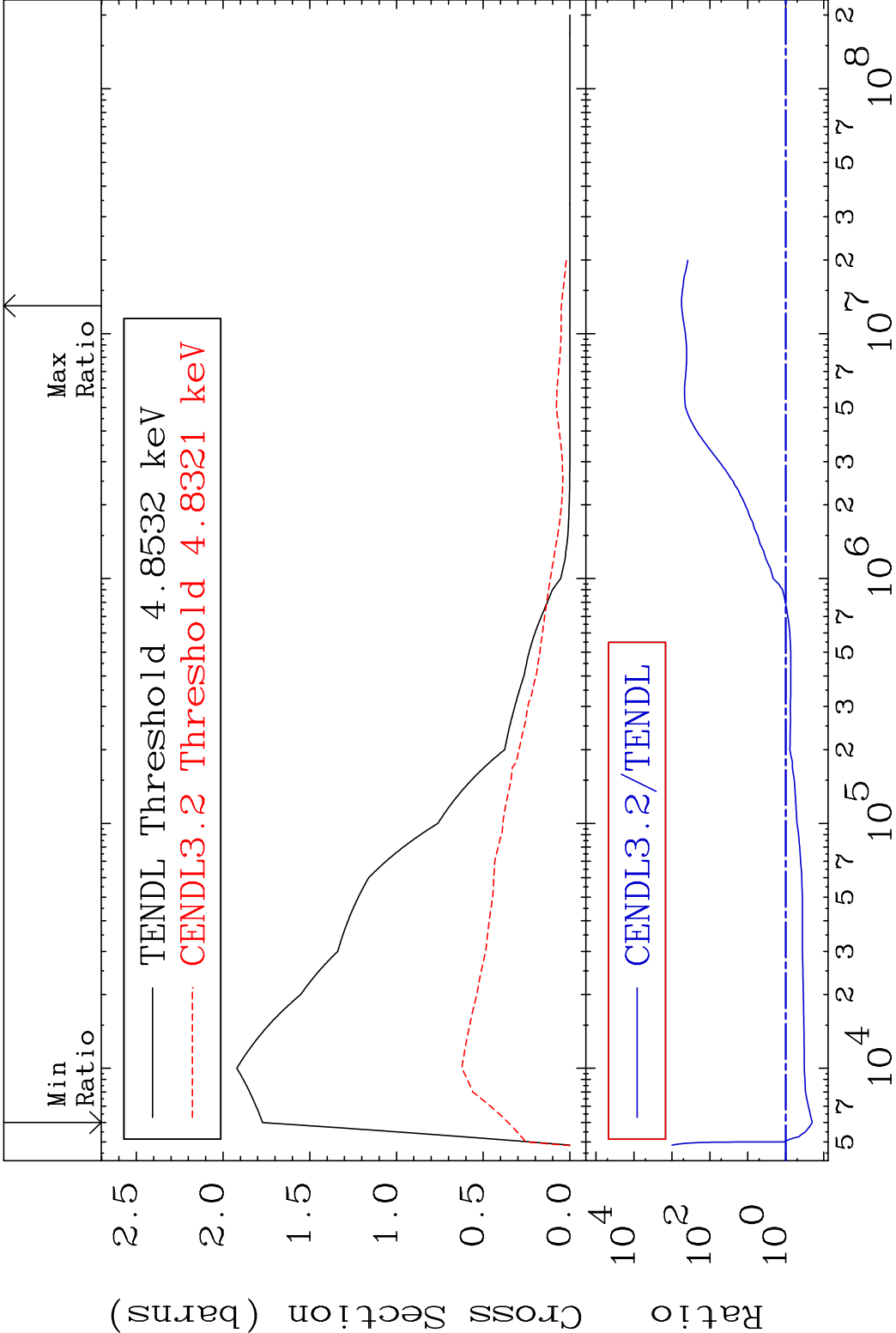
MT= 51 (n,n')

Level

62-Sm-151

Cross Section

-79.92 To 9999. %



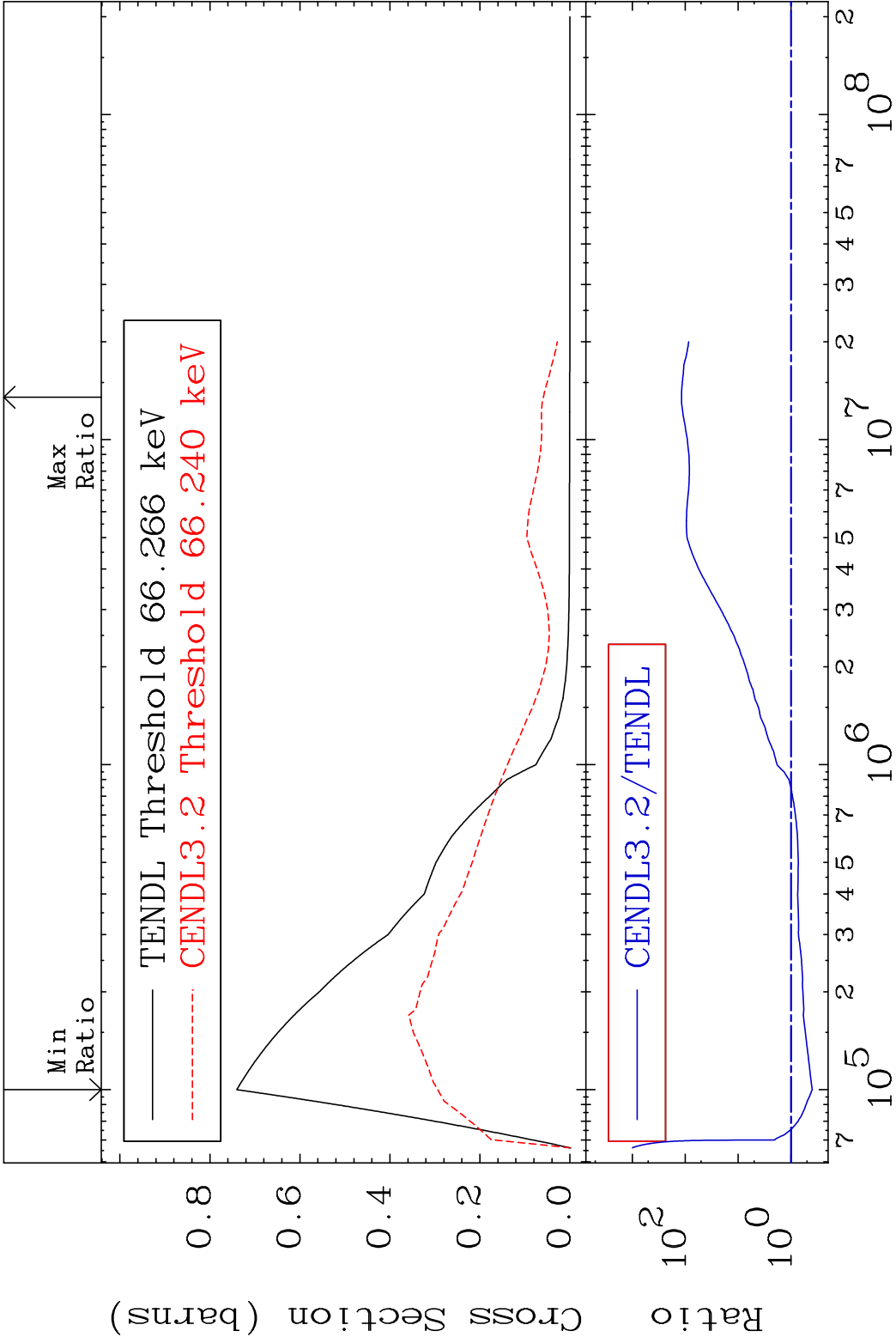
MAT 6246

MT= 52 (n,n') Level

62-Sm-151

Cross Section

-60.29 To 9999. %



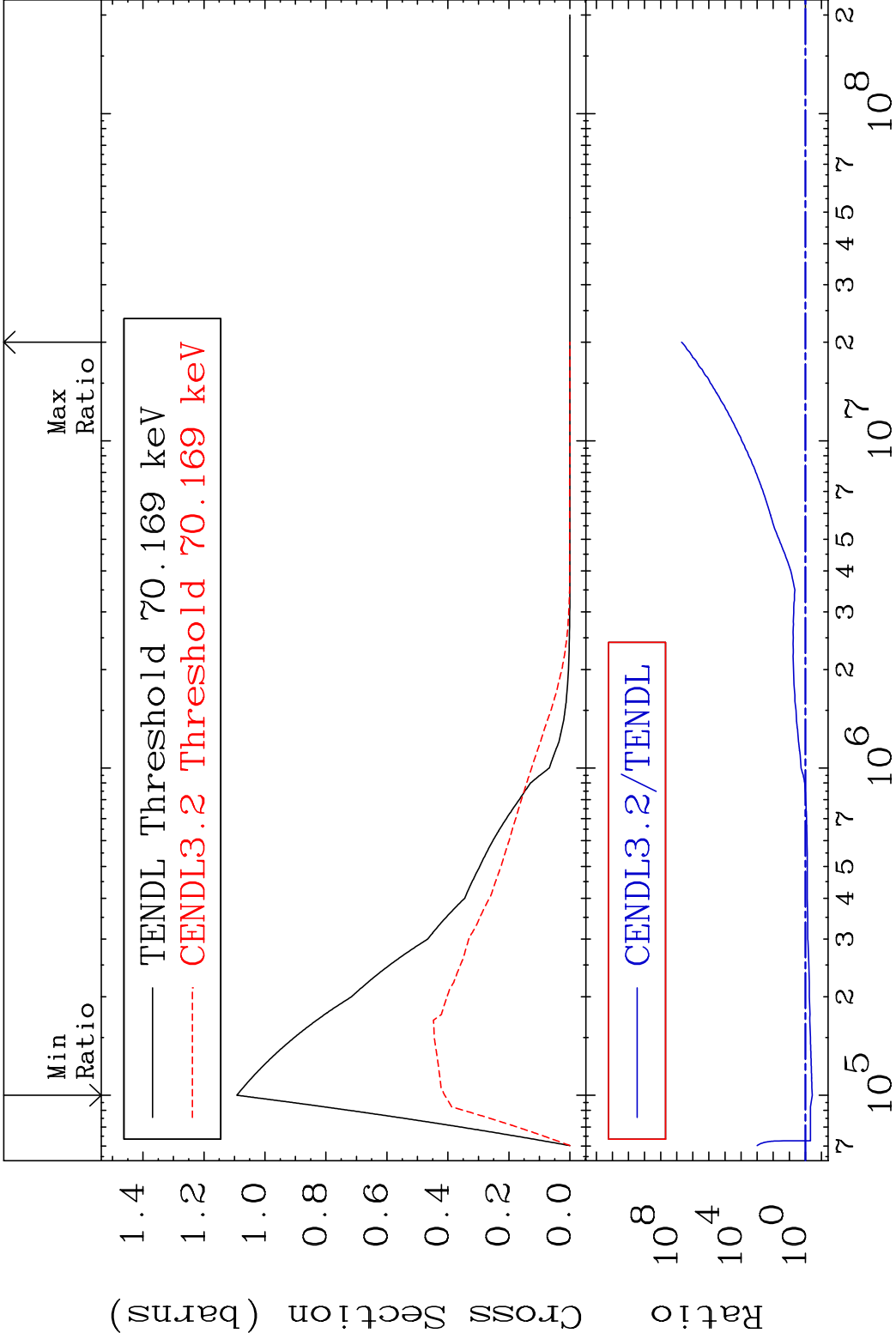
MAT 6246

MT= 53 (n,n') Level

62-Sm-151

Cross Section

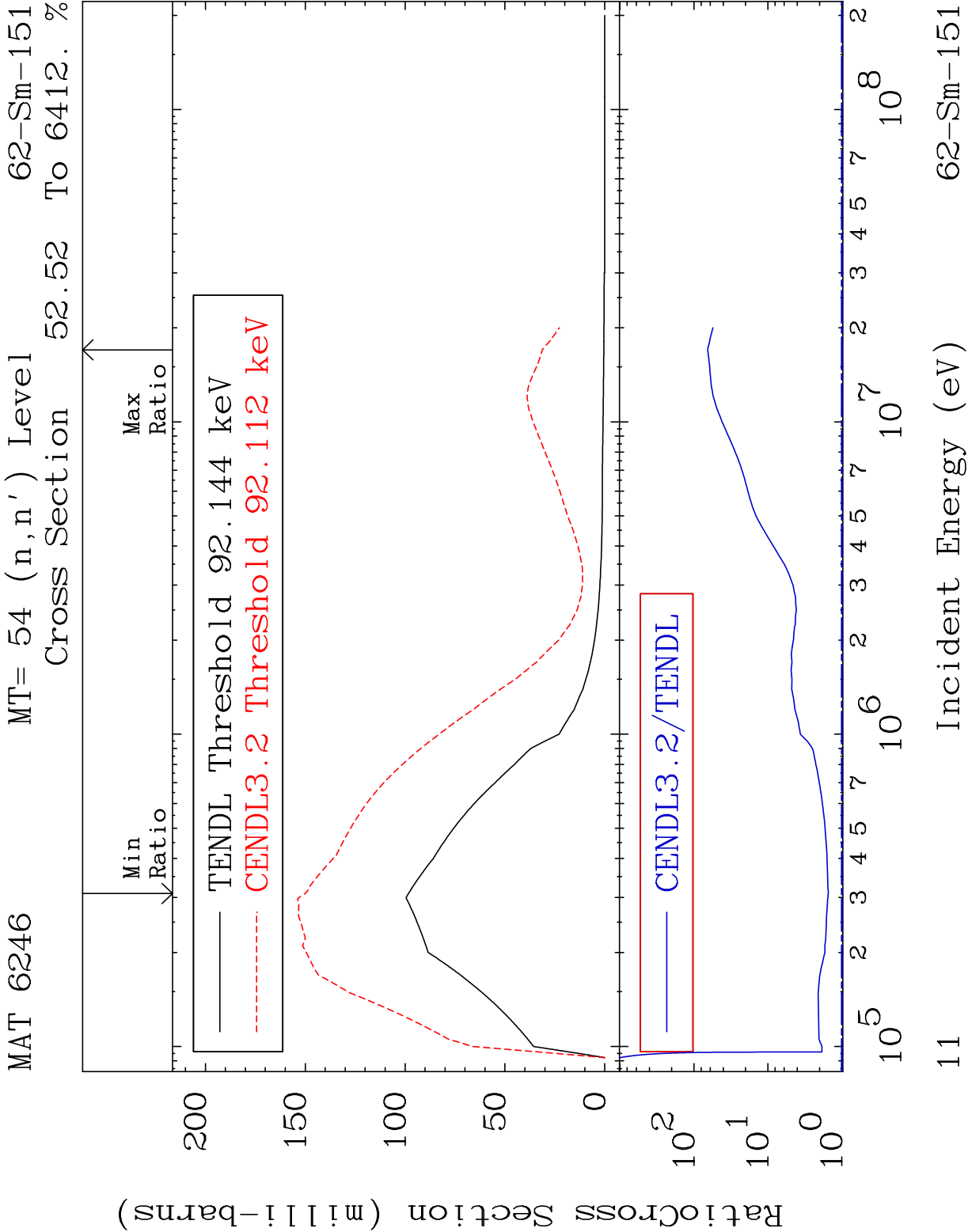
-62.41 To 9999. %

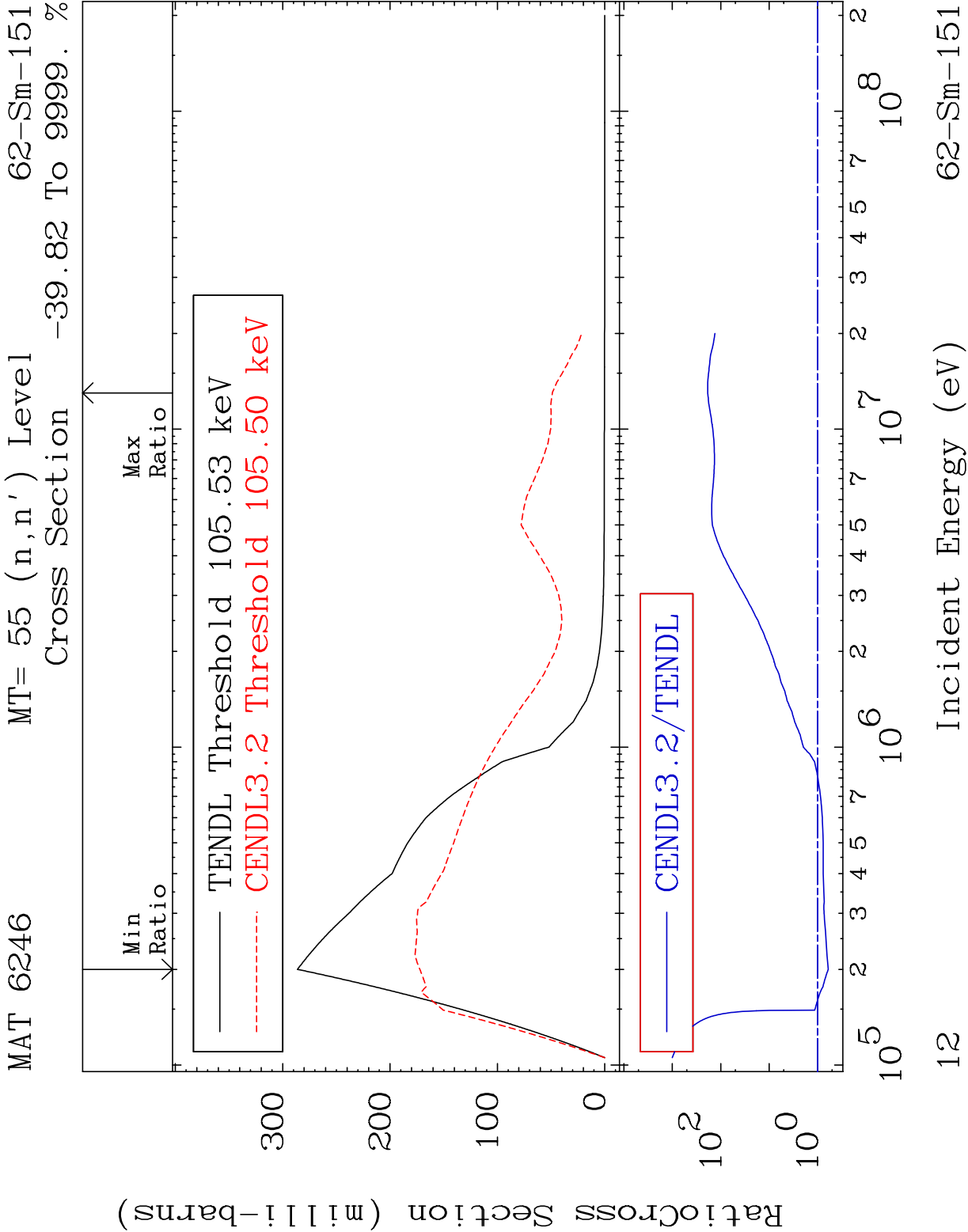


10

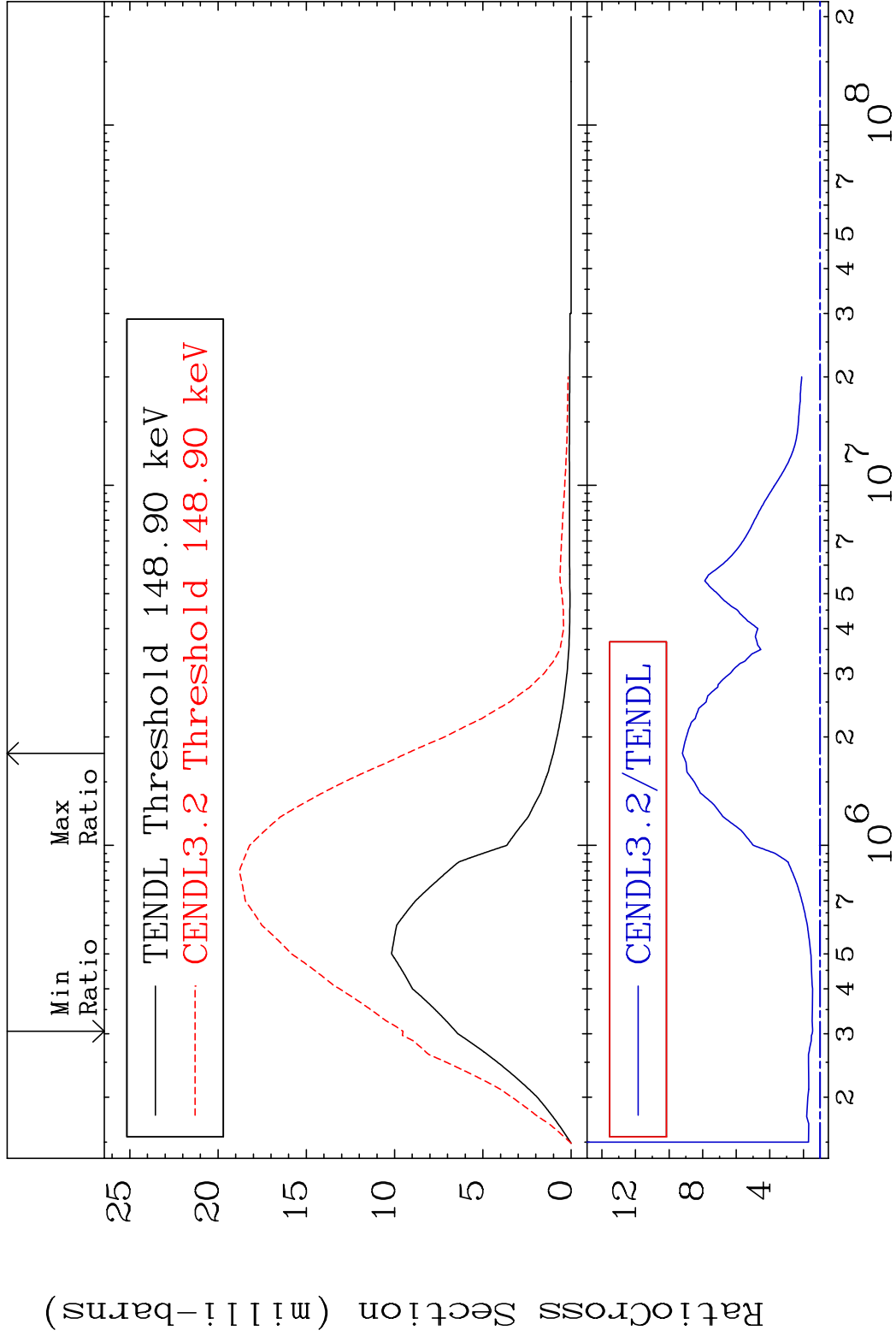
Incident Energy (eV)

62-Sm-151

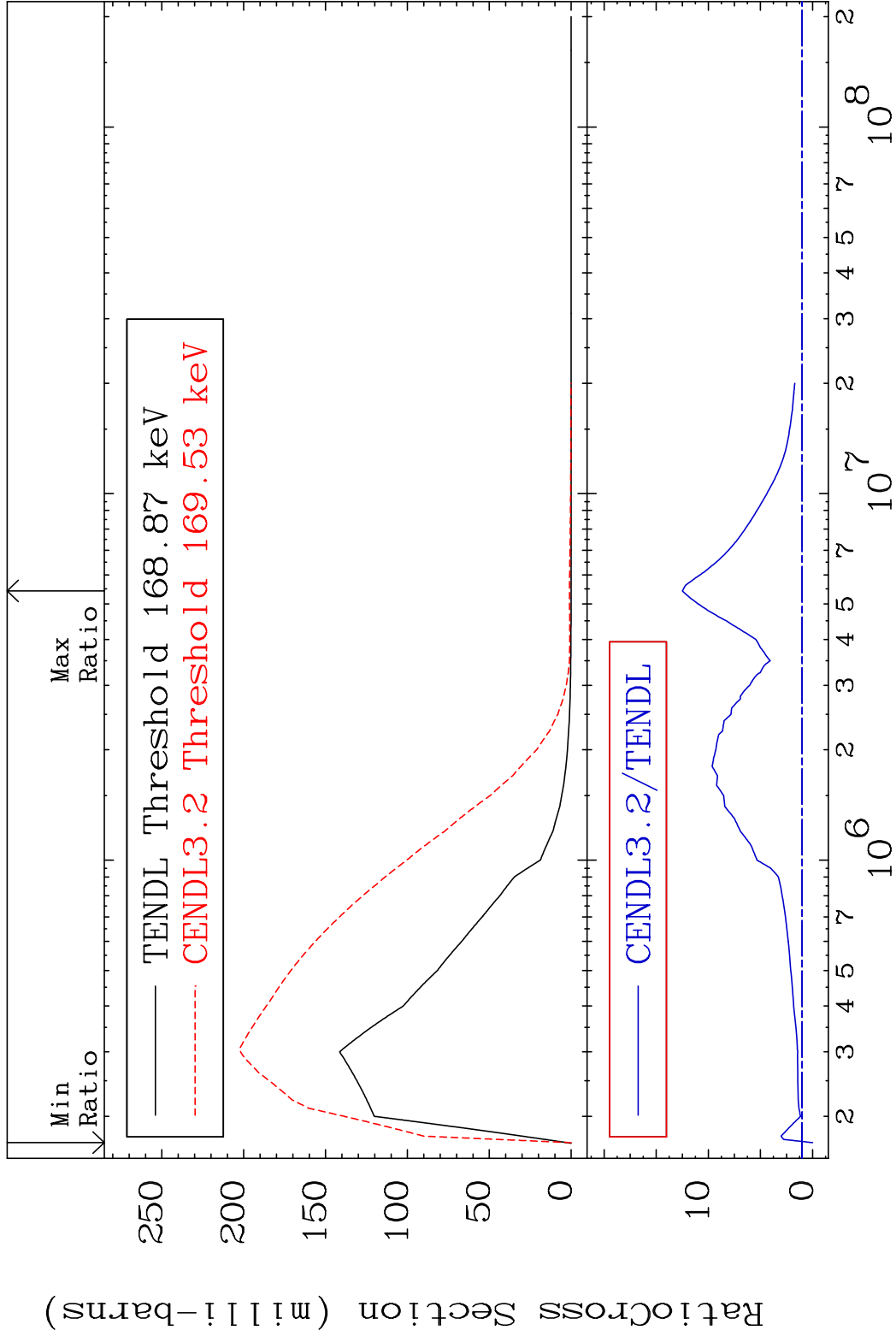




MAT 6246      MT= 56 (n,n') Level      62-Sm-151  
Cross Section    45.71    To 820.9 %

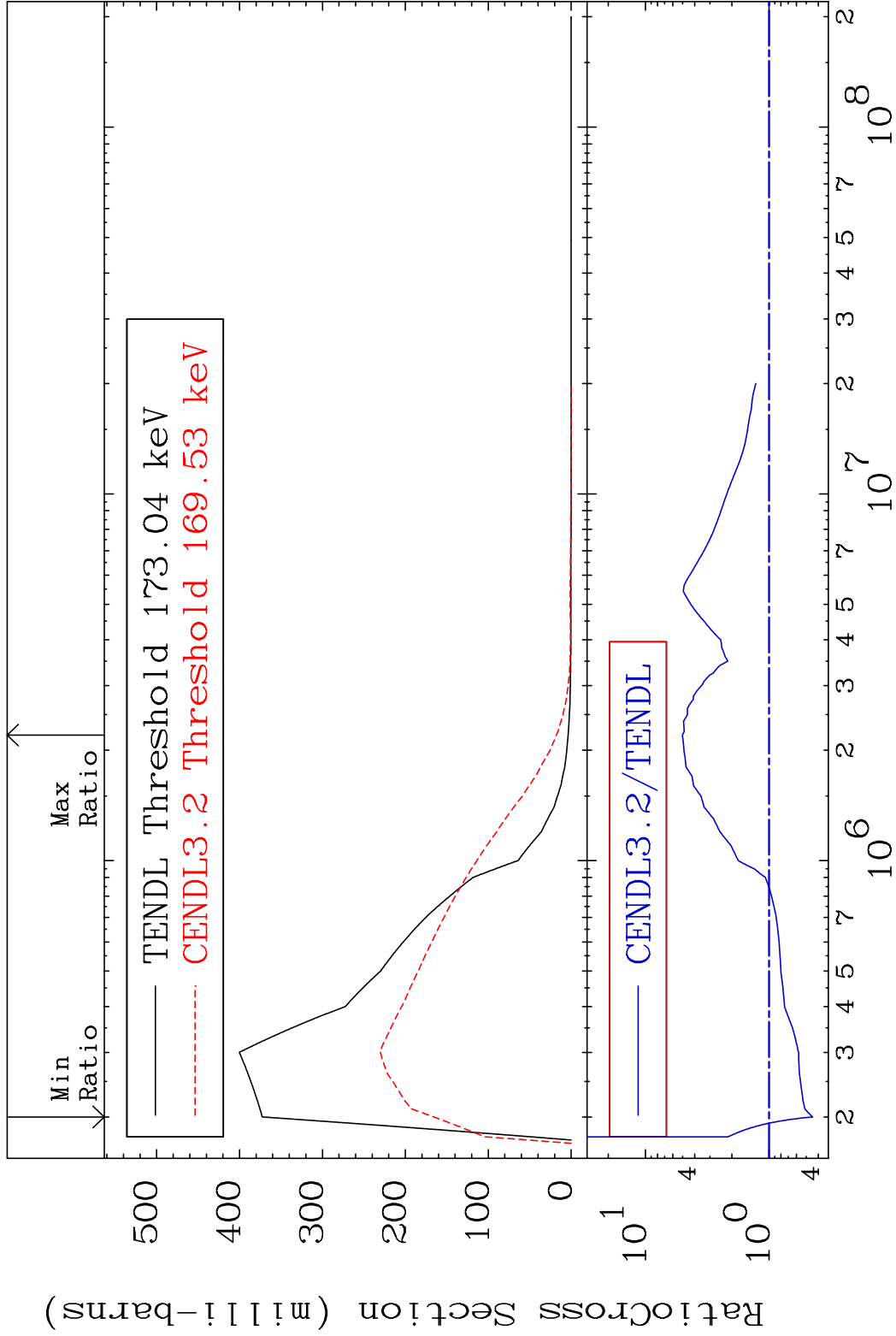


MAT 6246      MT= 57 (n,n') Level      62-Sm-151  
Cross Section    -100.0 To 1149. %

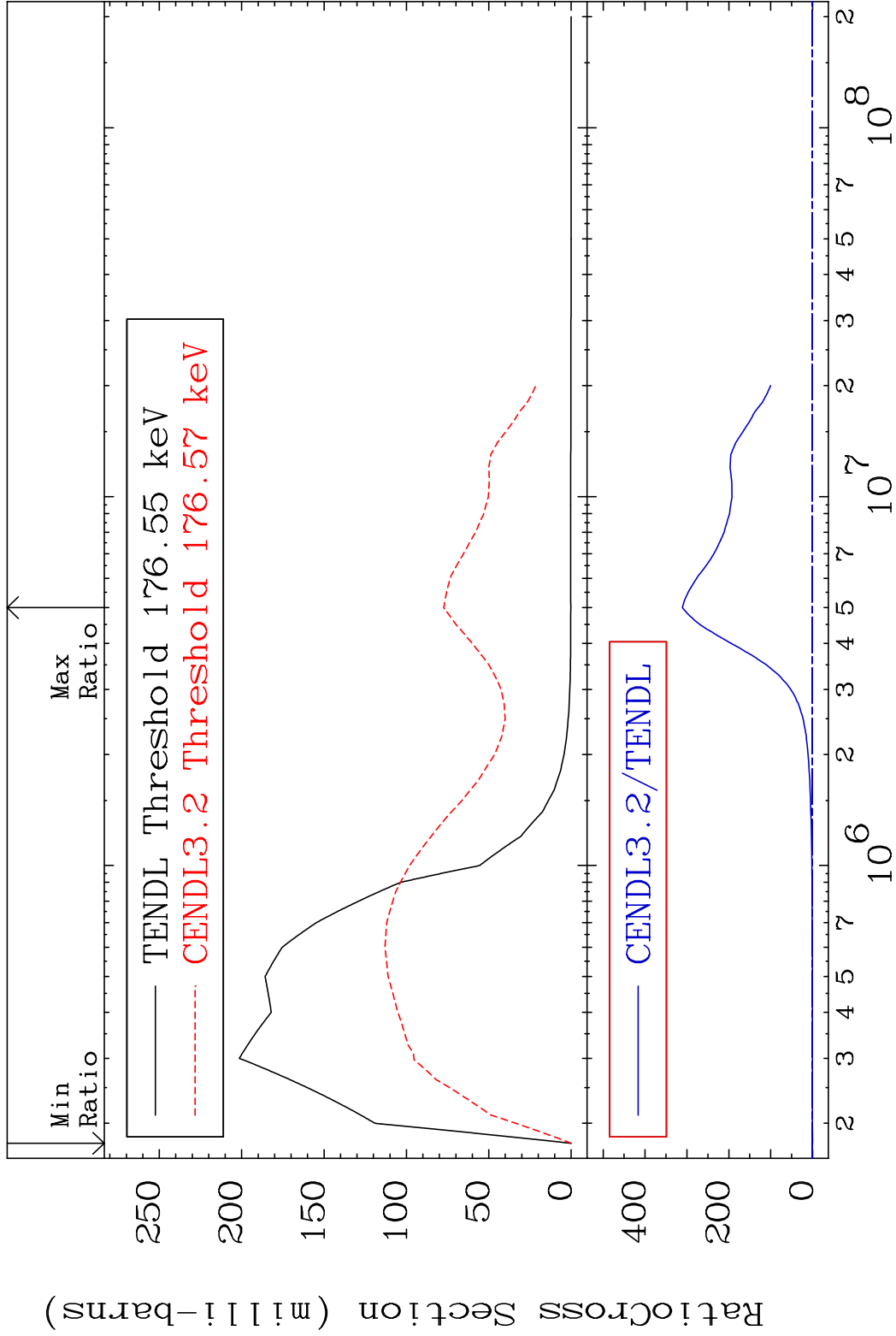


14      Incident Energy (eV)      62-Sm-151

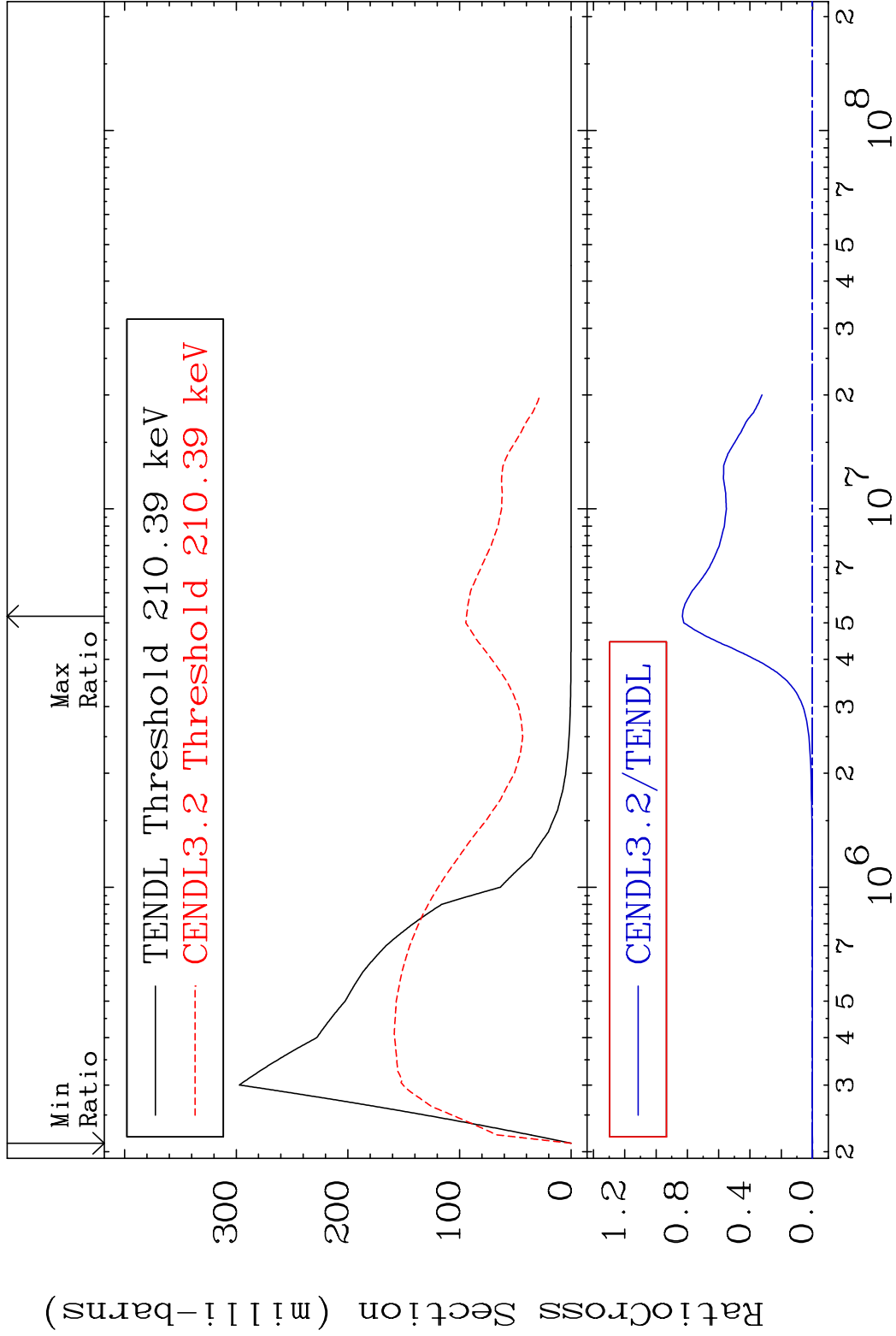
MAT 6246      MT= 58 (n,n') Level      62-Sm-151  
Cross Section    -55.56 To 402.9 %



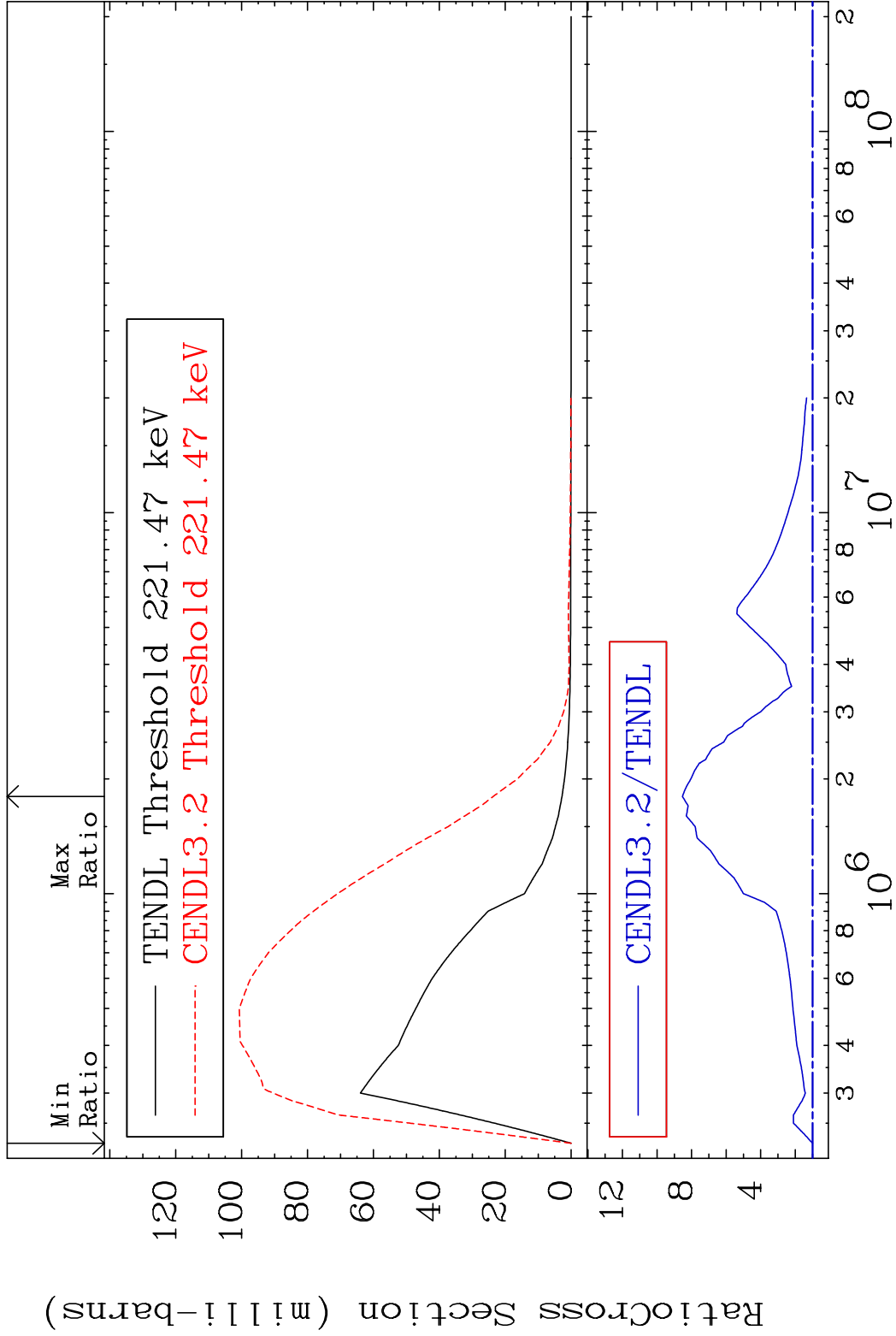
MAT 6246      MT= 59 (n,n') Level      62-Sm-151  
Cross Section    -100.0 To 9999. %



MAT 6246      MT= 60 (n,n') Level      62-Sm-151  
Cross Section    -100.0 To 9999. %



MAT 6246      MT= 61 (n,n') Level      62-Sm-151  
Cross Section    0.000    To 753.5 %



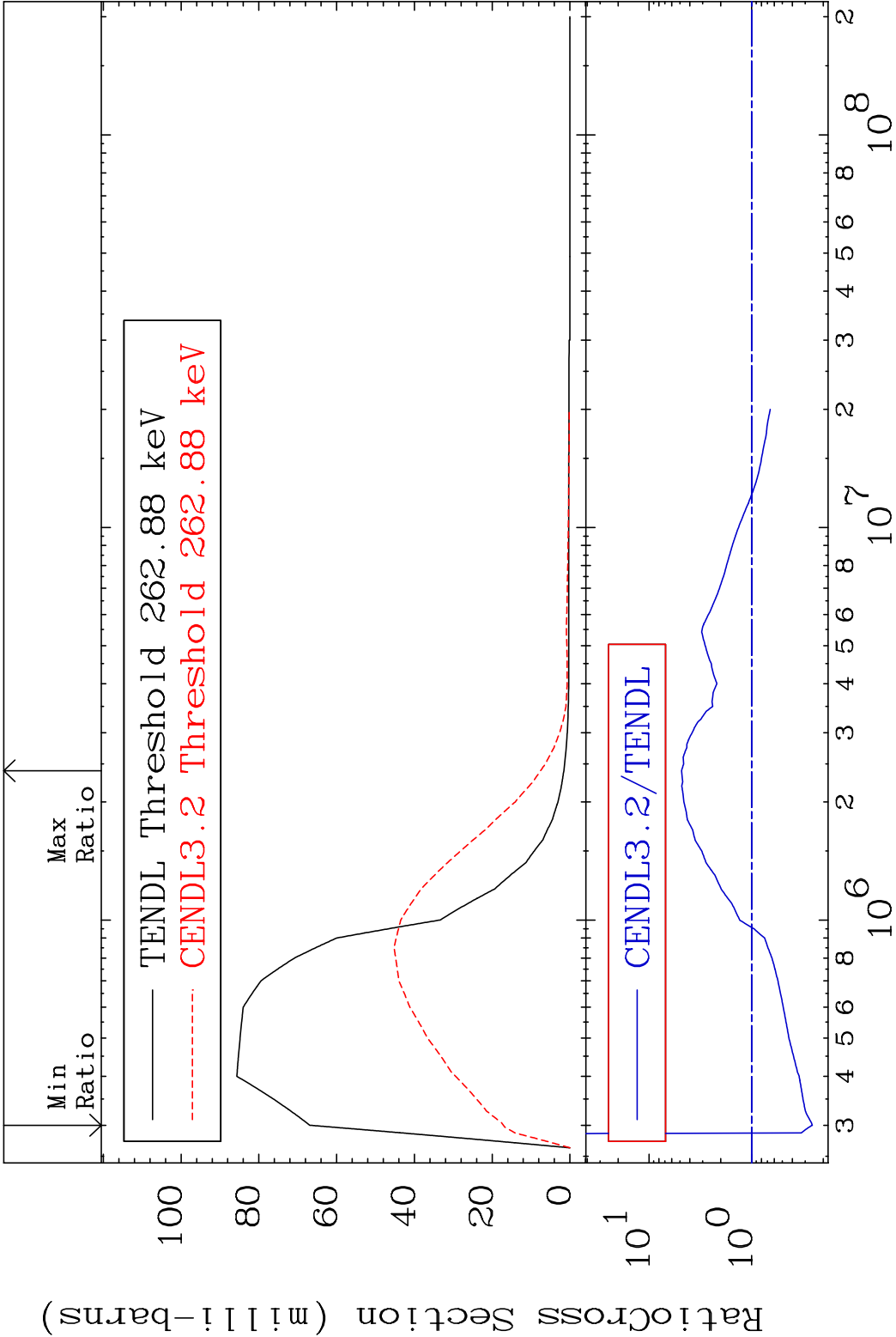
MAT 6246

MT= 62 (n,n' ) Level

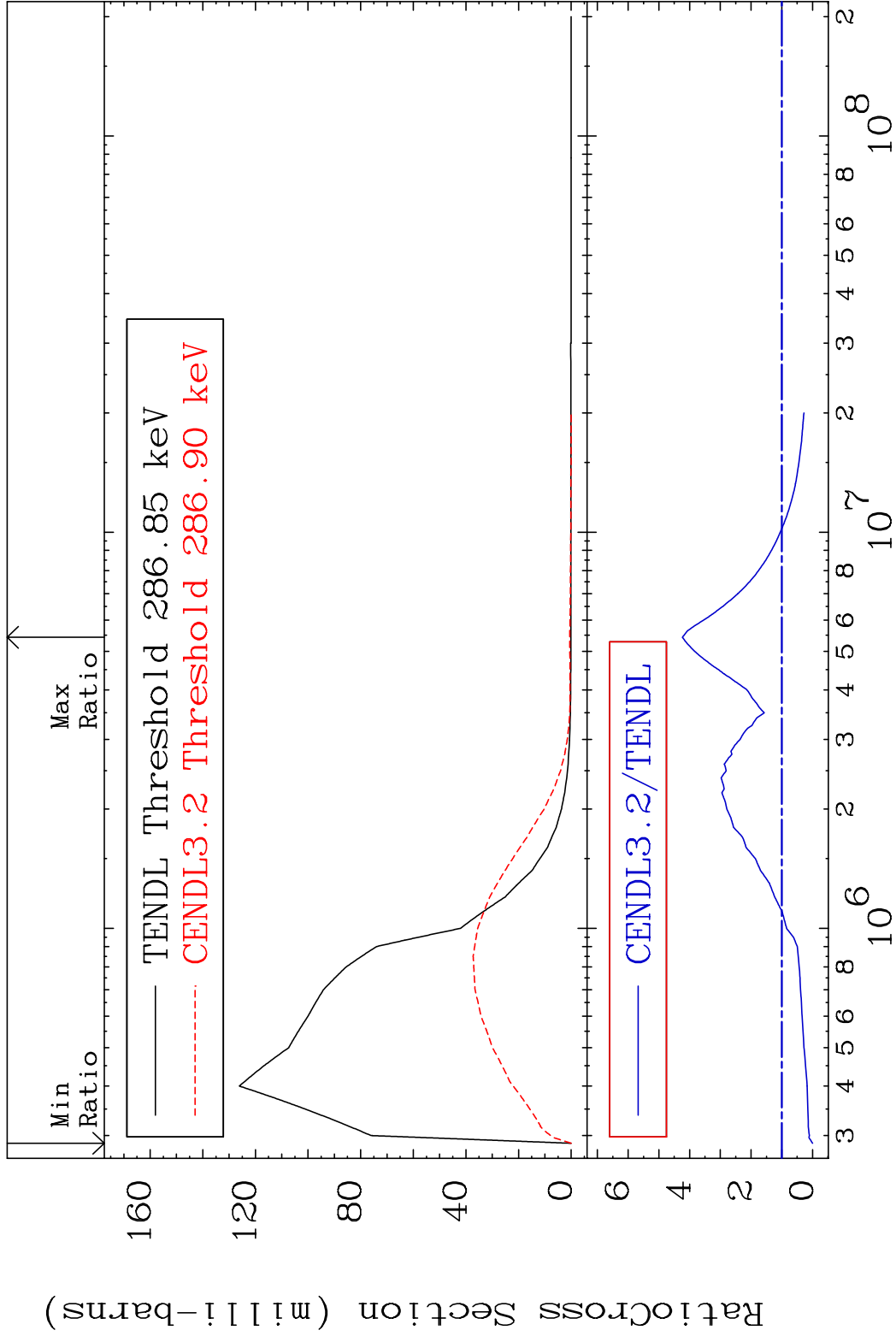
62-Sm-151

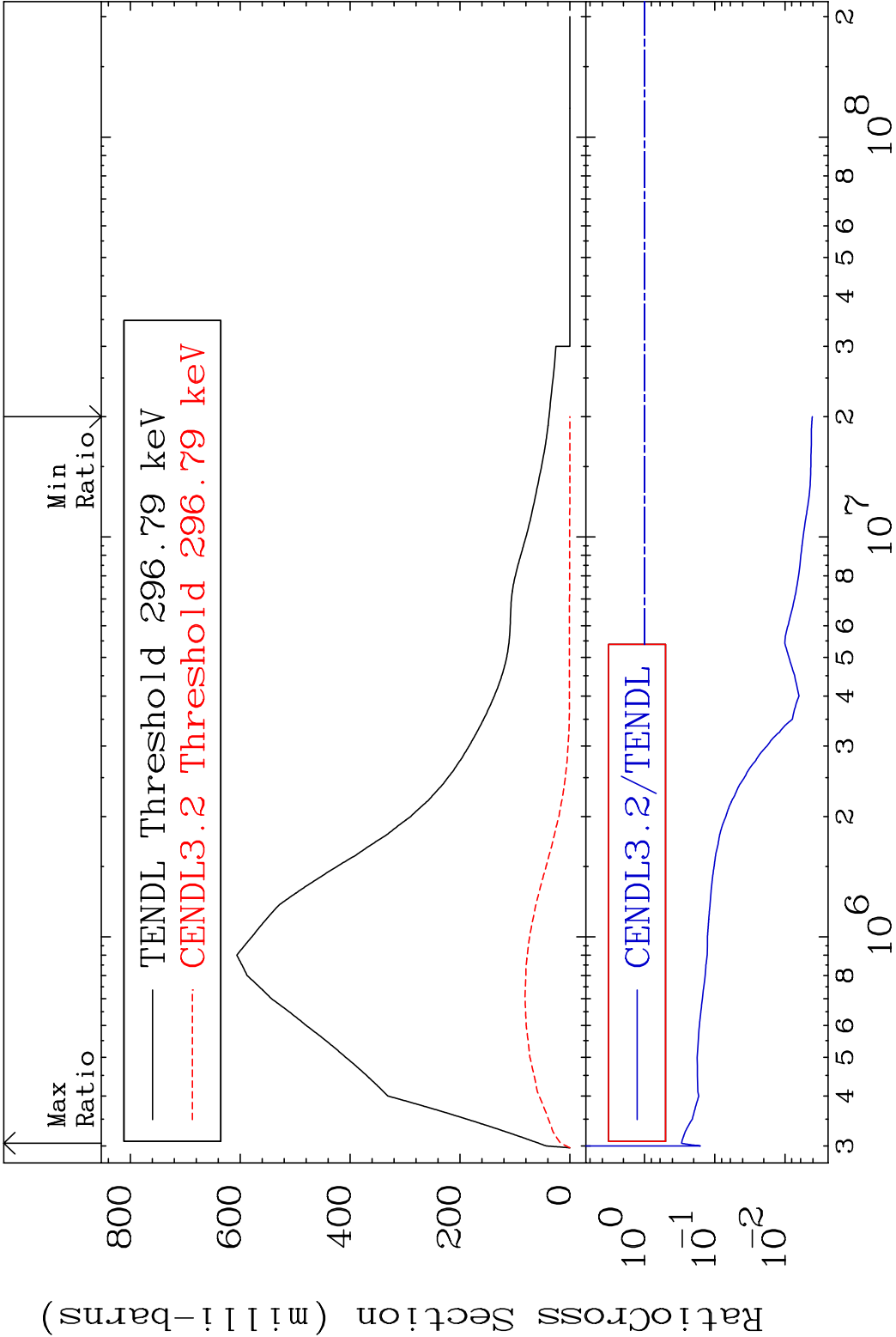
Cross Section

-74.41 To 381.7 %



MAT 6246      MT= 63 (n,n') Level      62-Sm-151  
Cross Section    -100.0 To 323.6 %





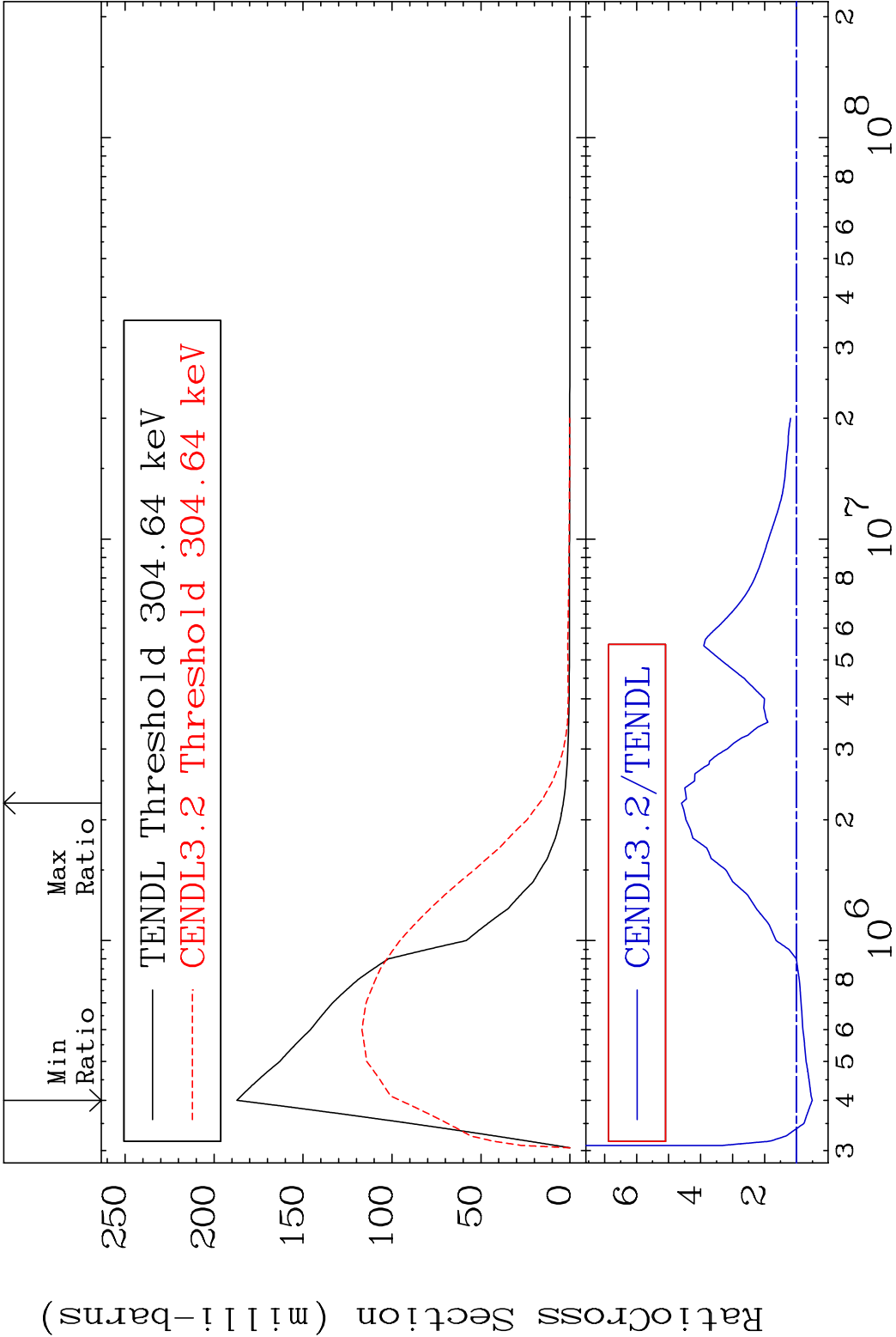
MAT 6246

MT= 65 (n,n') Level

62-Sm-151

Cross Section

-48.99 To 359.5 %



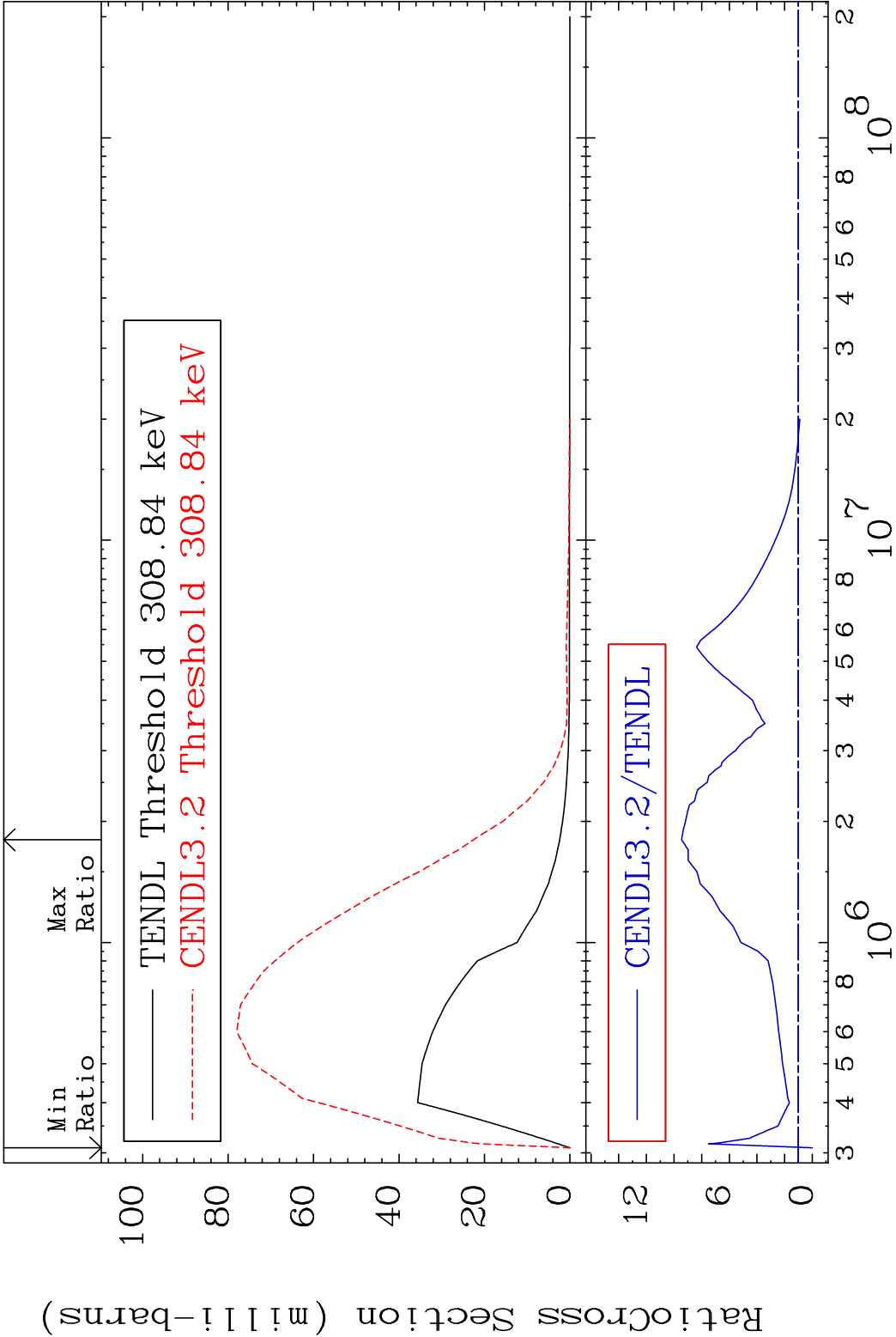
MAT 6246

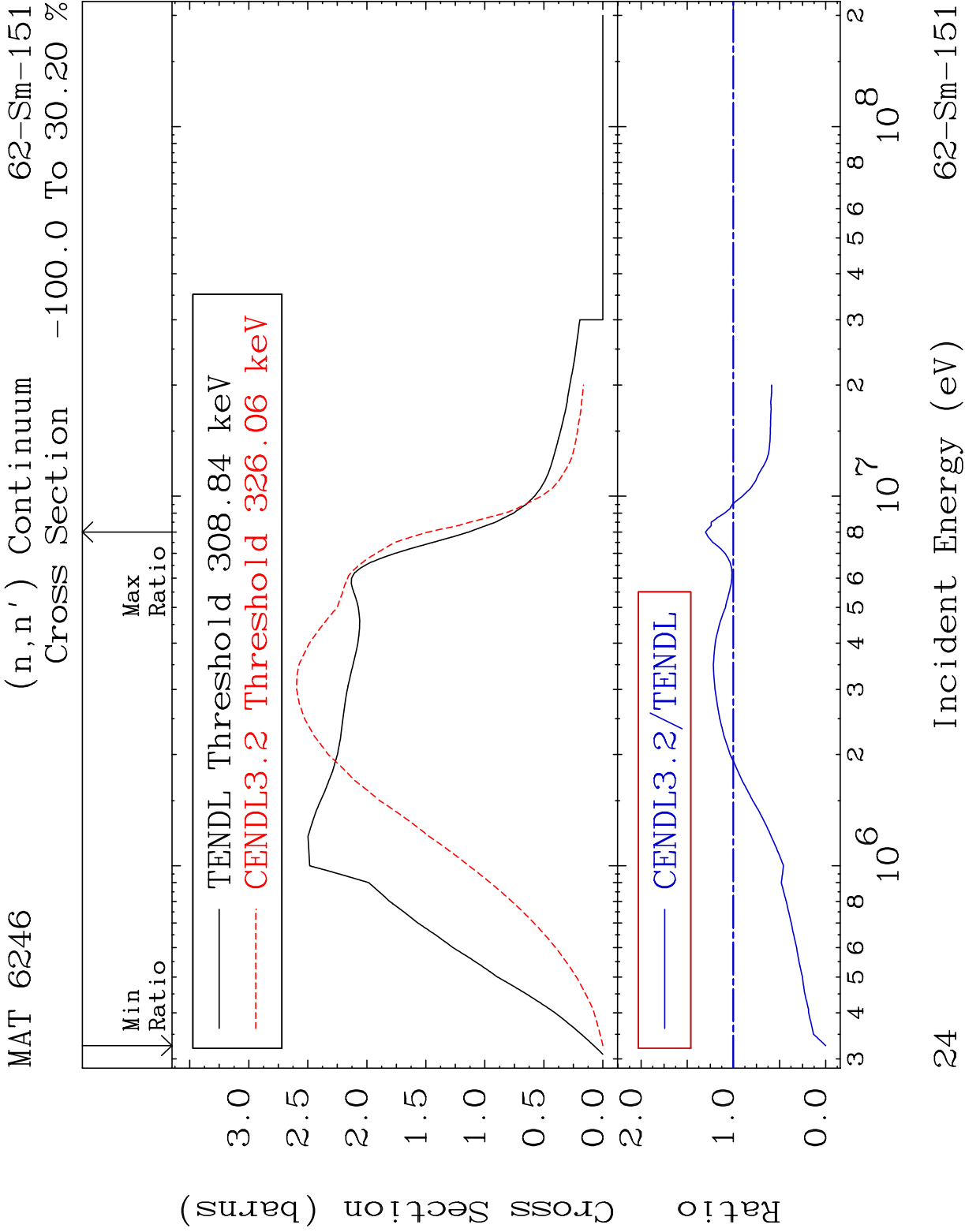
MT= 66 (n,n') Level

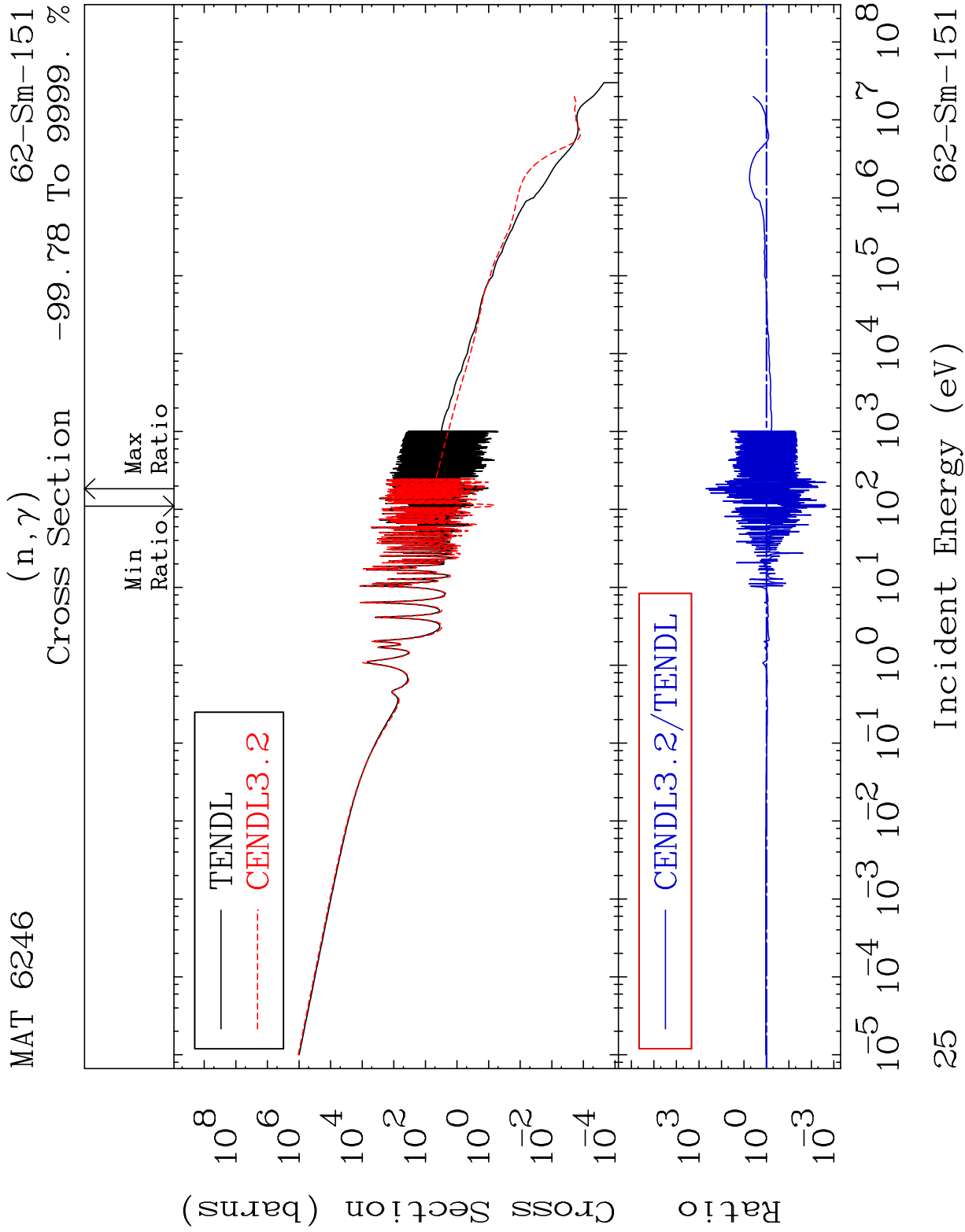
62-Sm-151

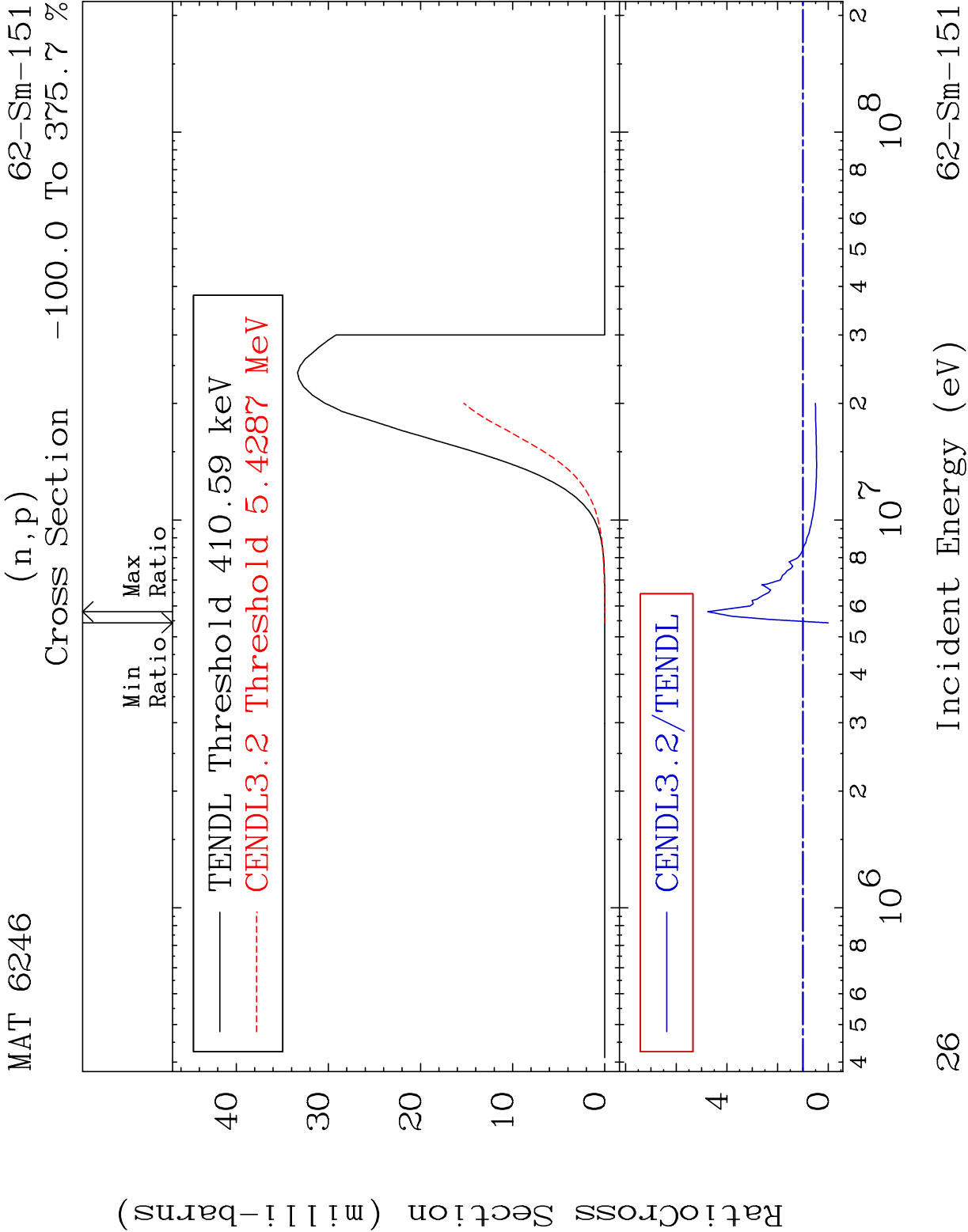
Cross Section

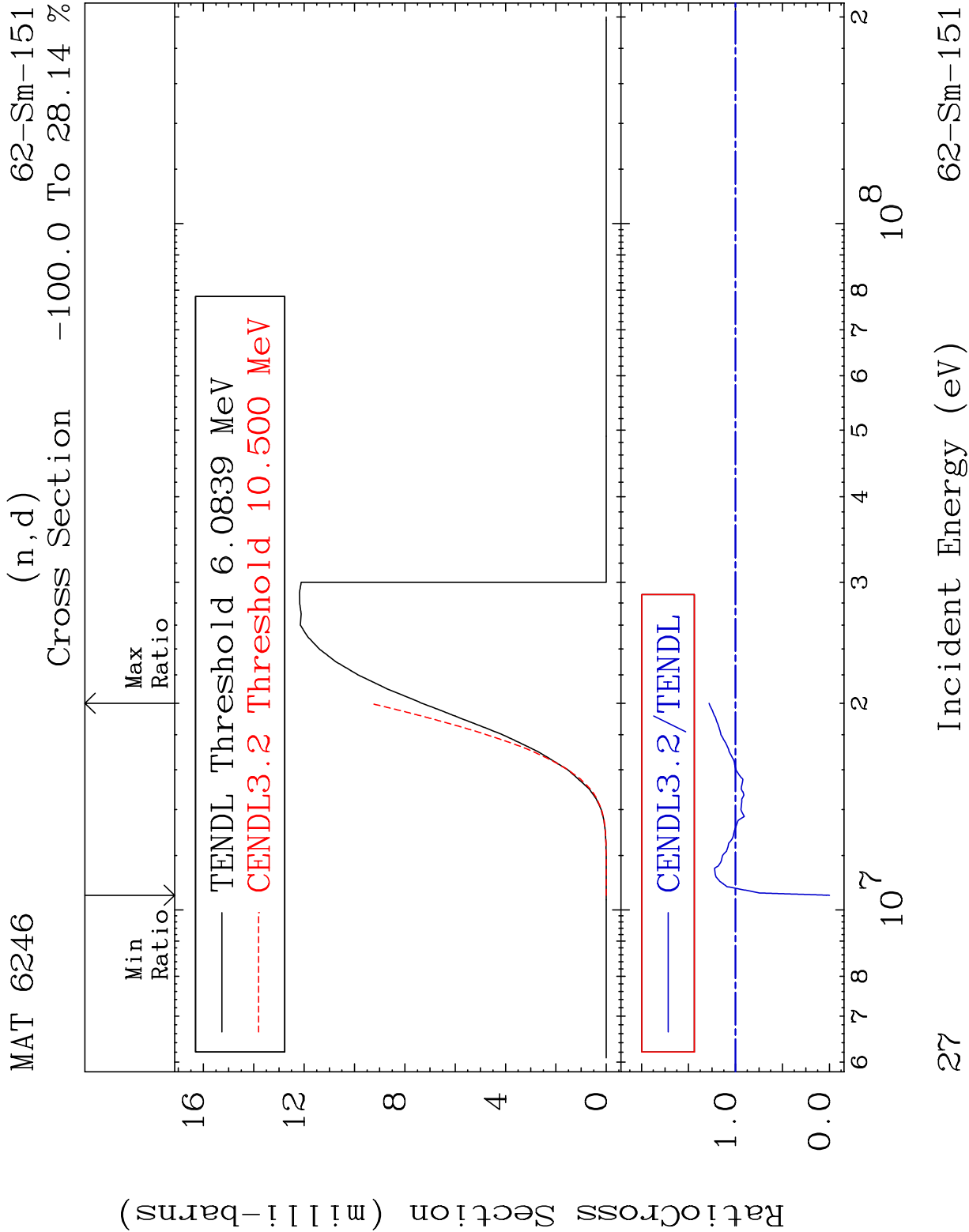
-100.0 To 845.6 %

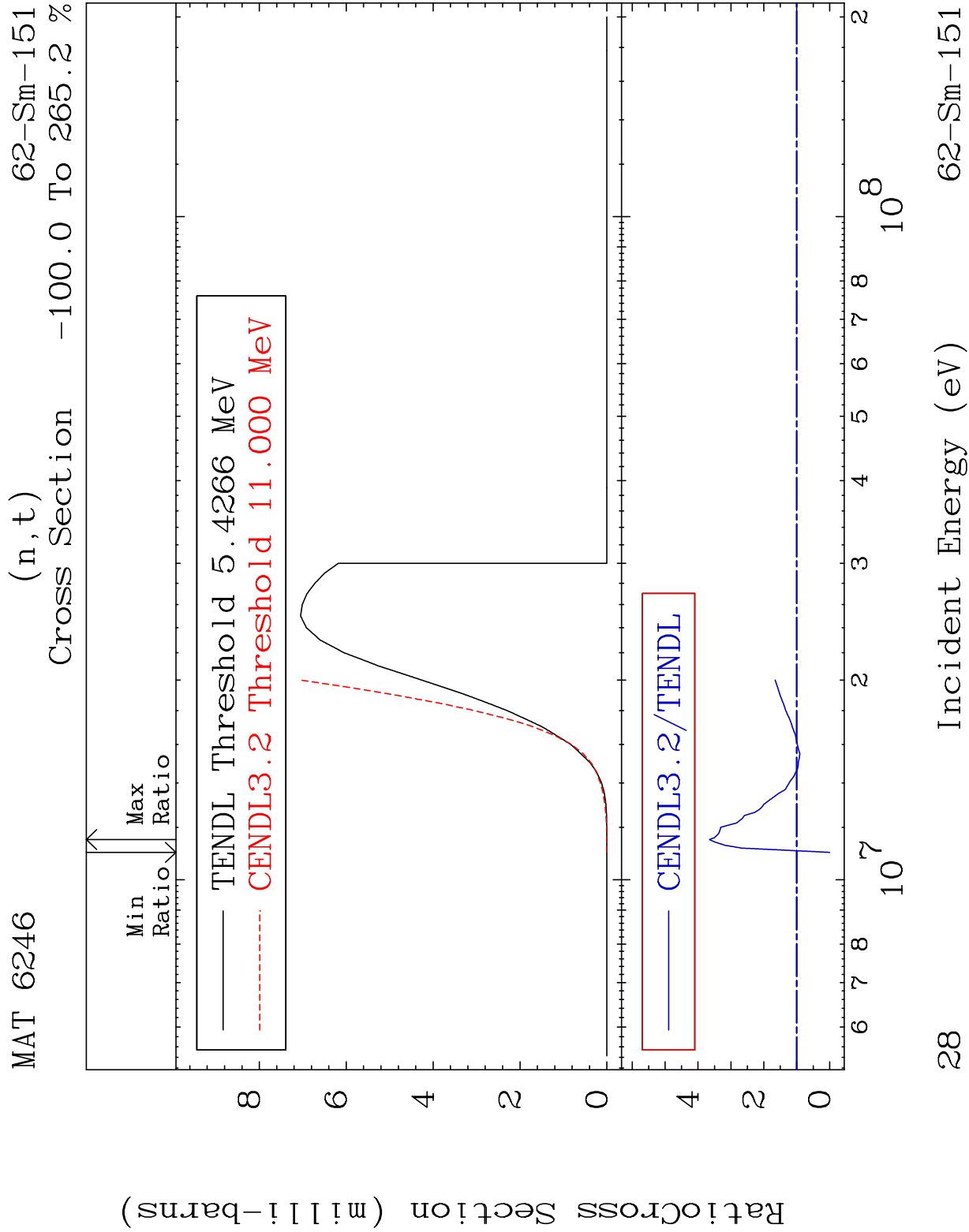


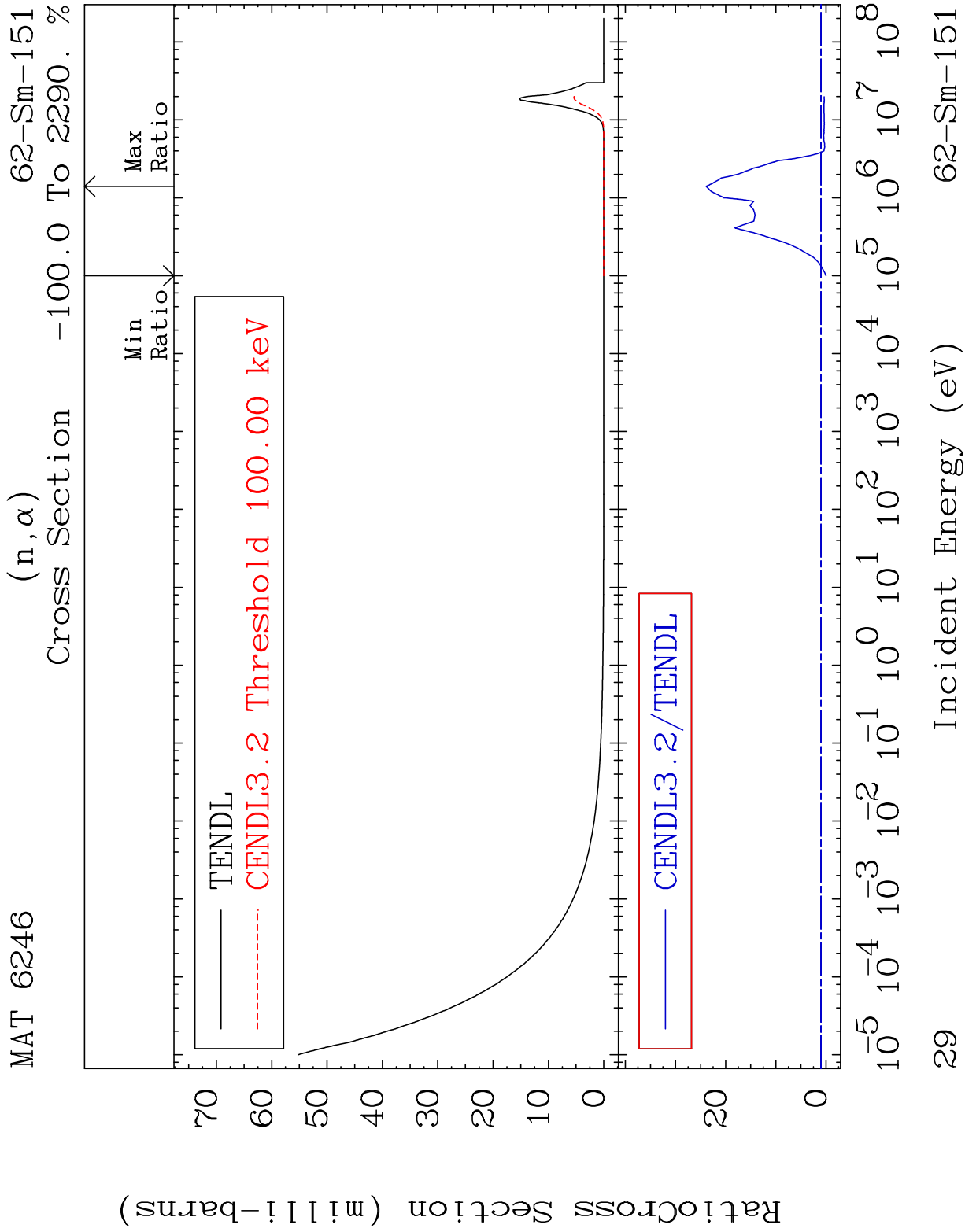


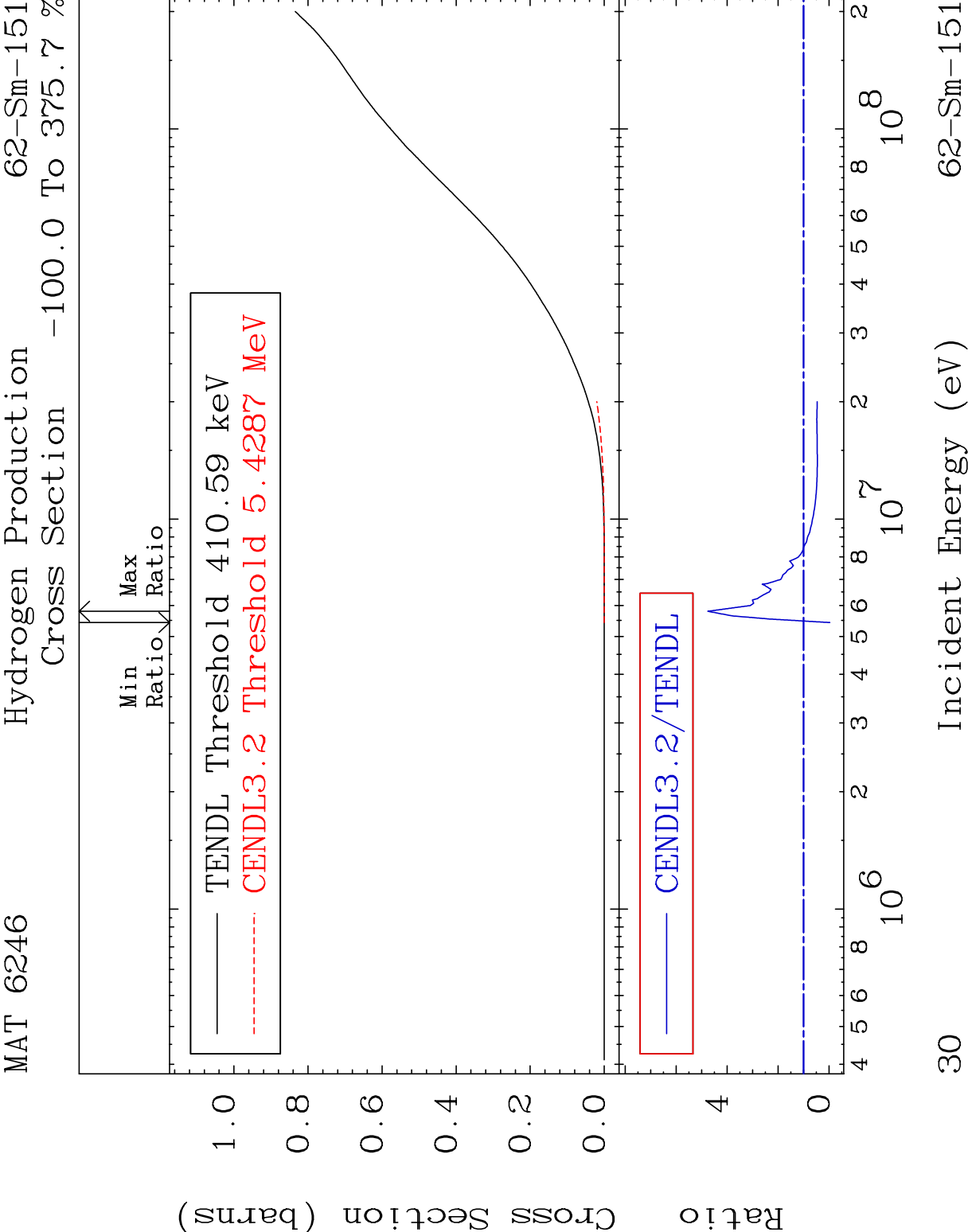


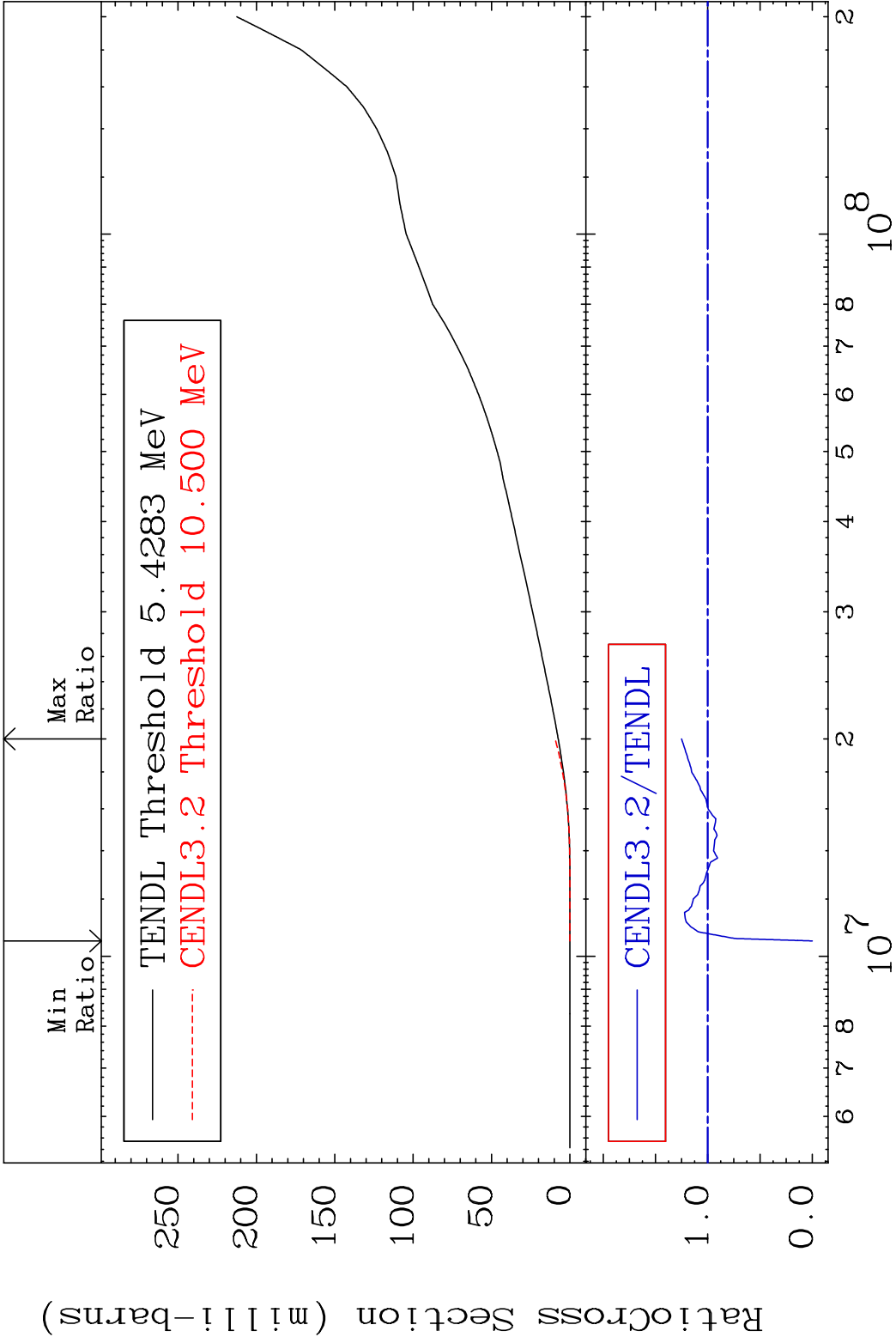


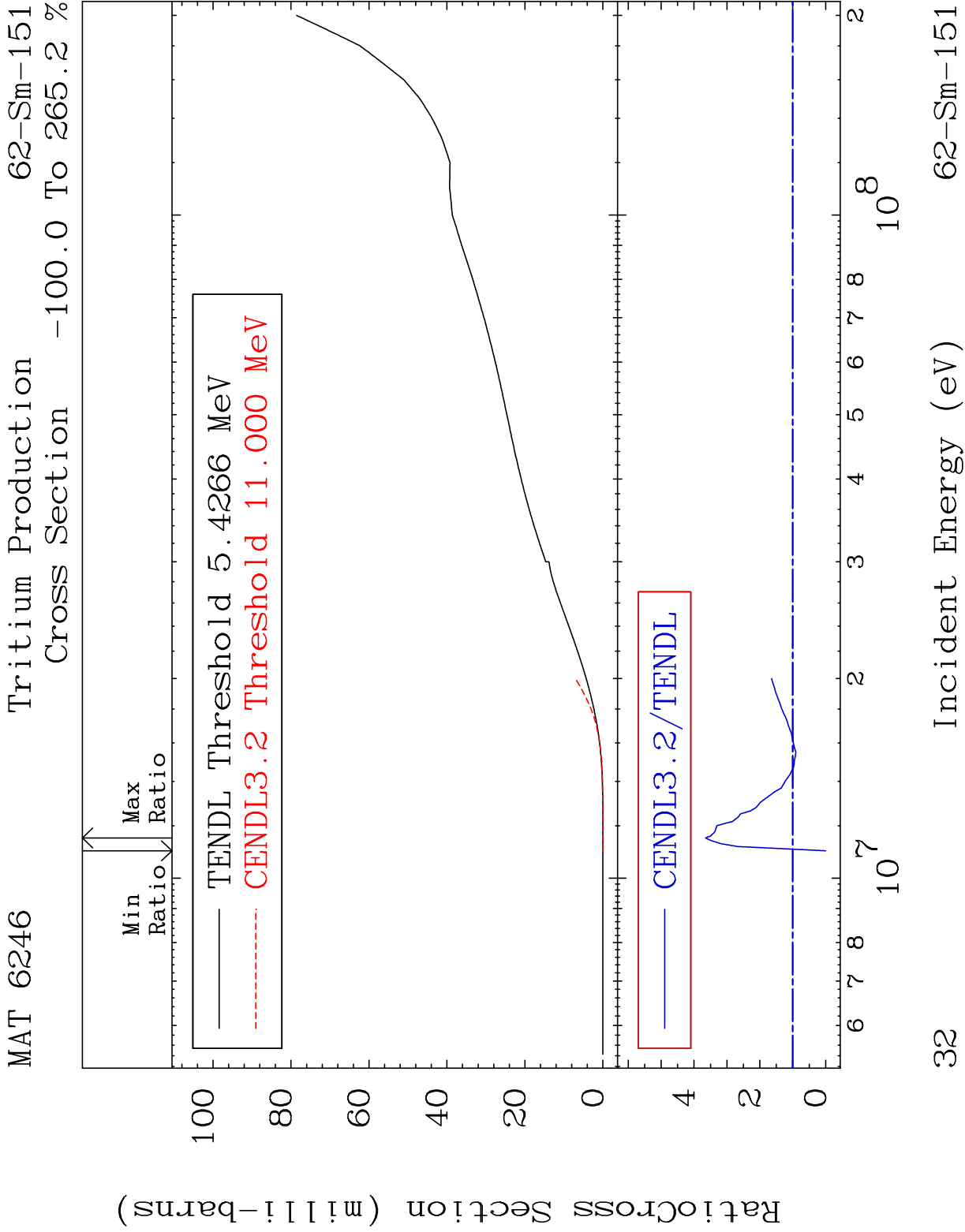


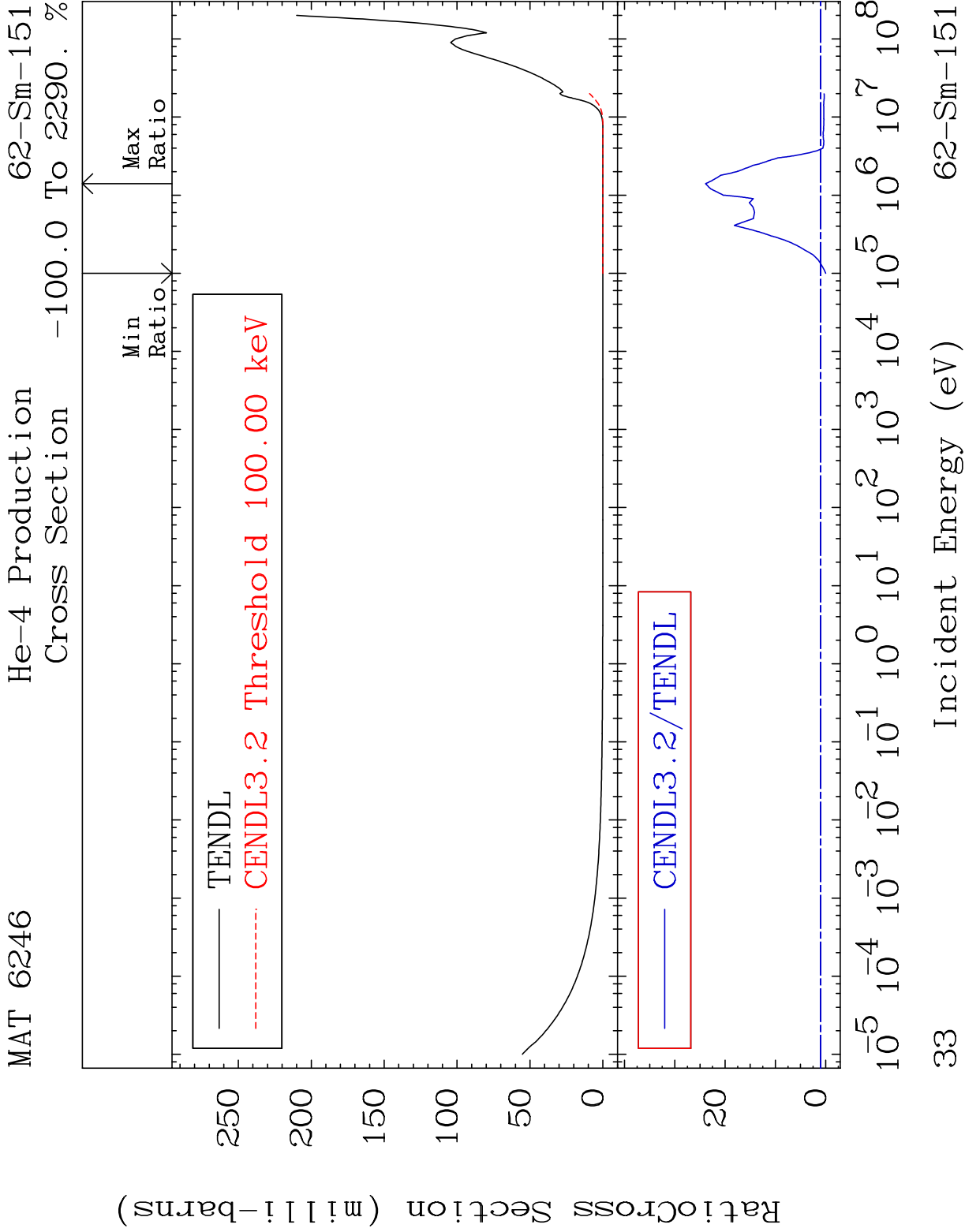




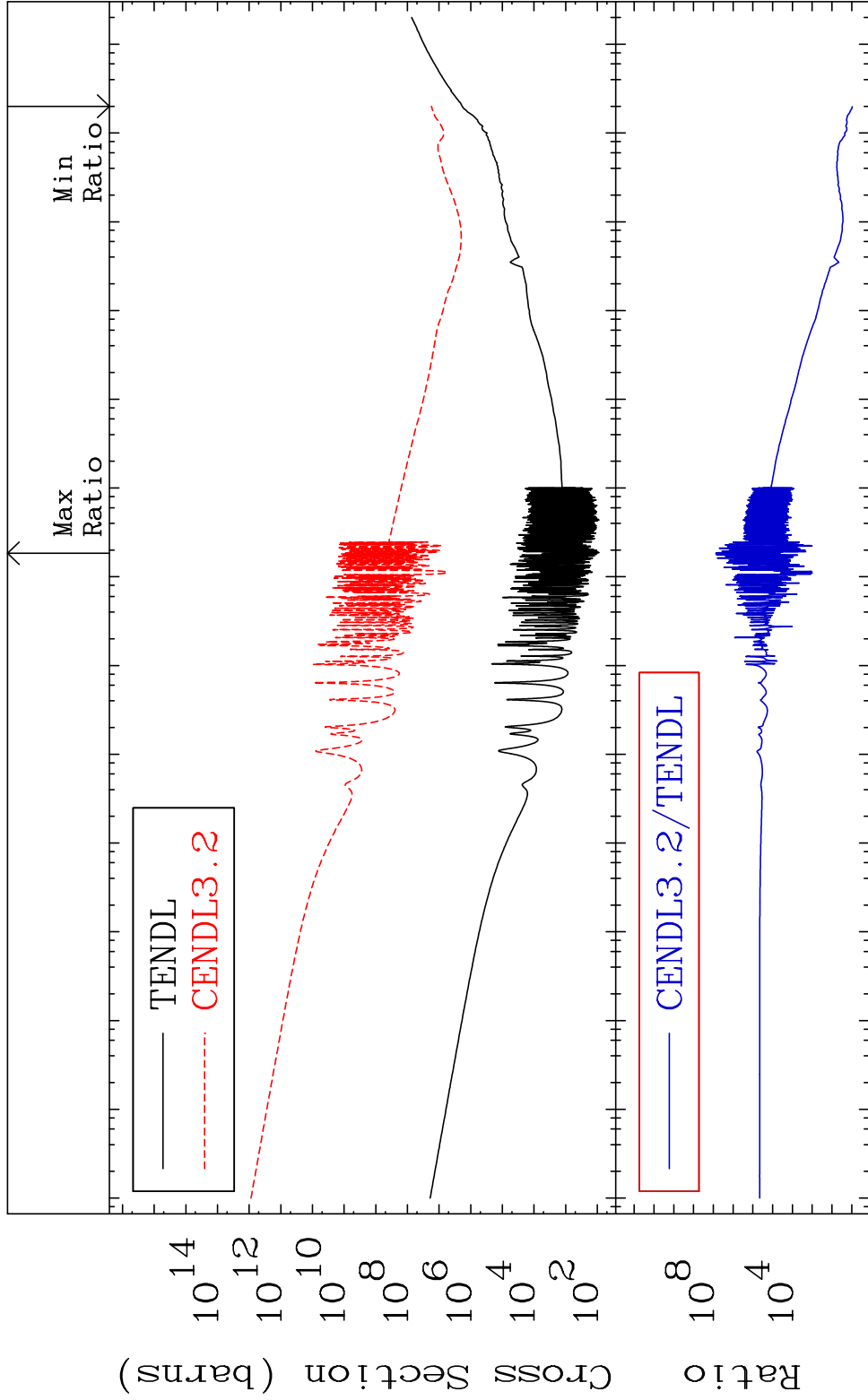






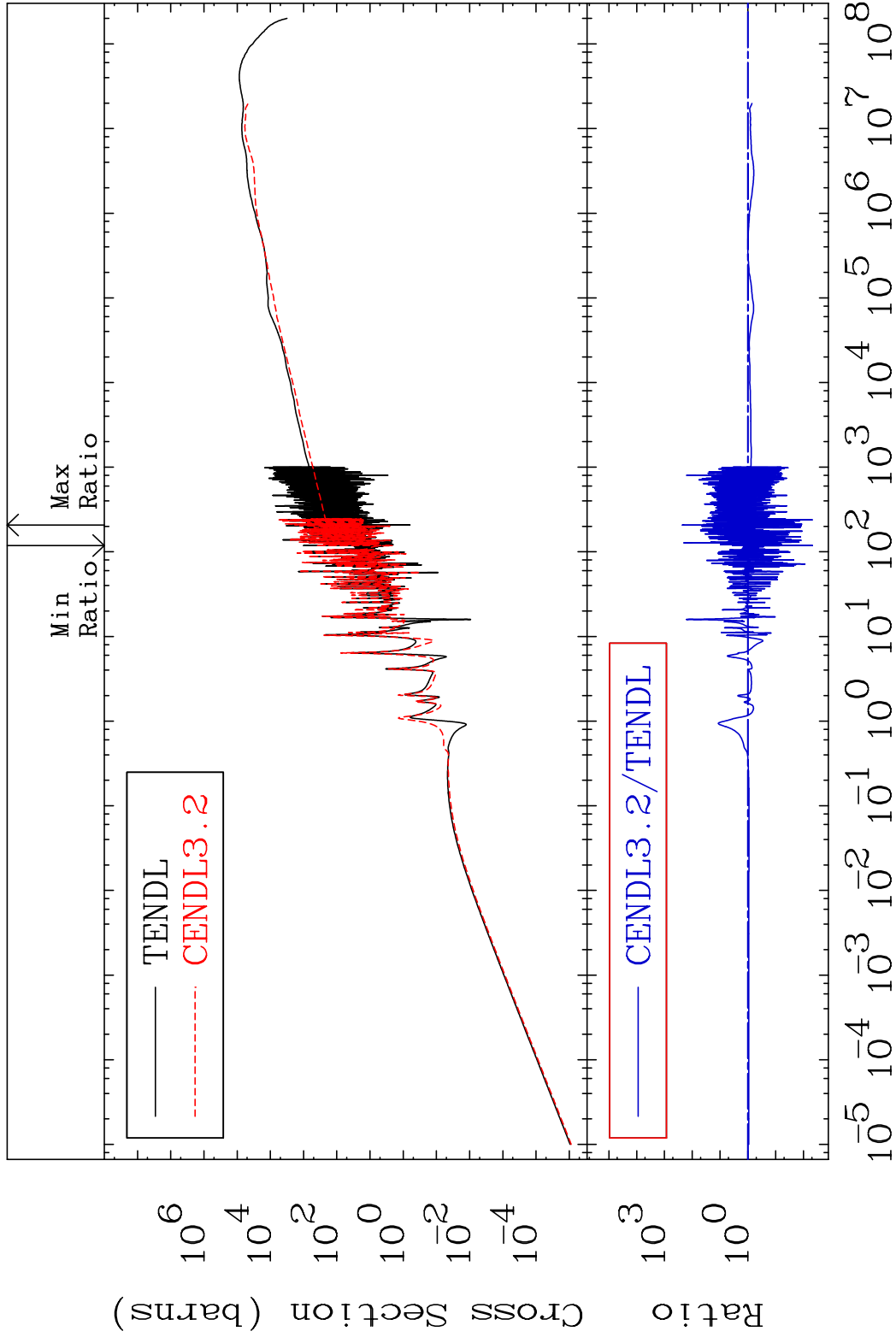


MAT 6246      Kerma total (eV-barns)      62-Sm-151  
Cross Section      847.7      To 9999. %

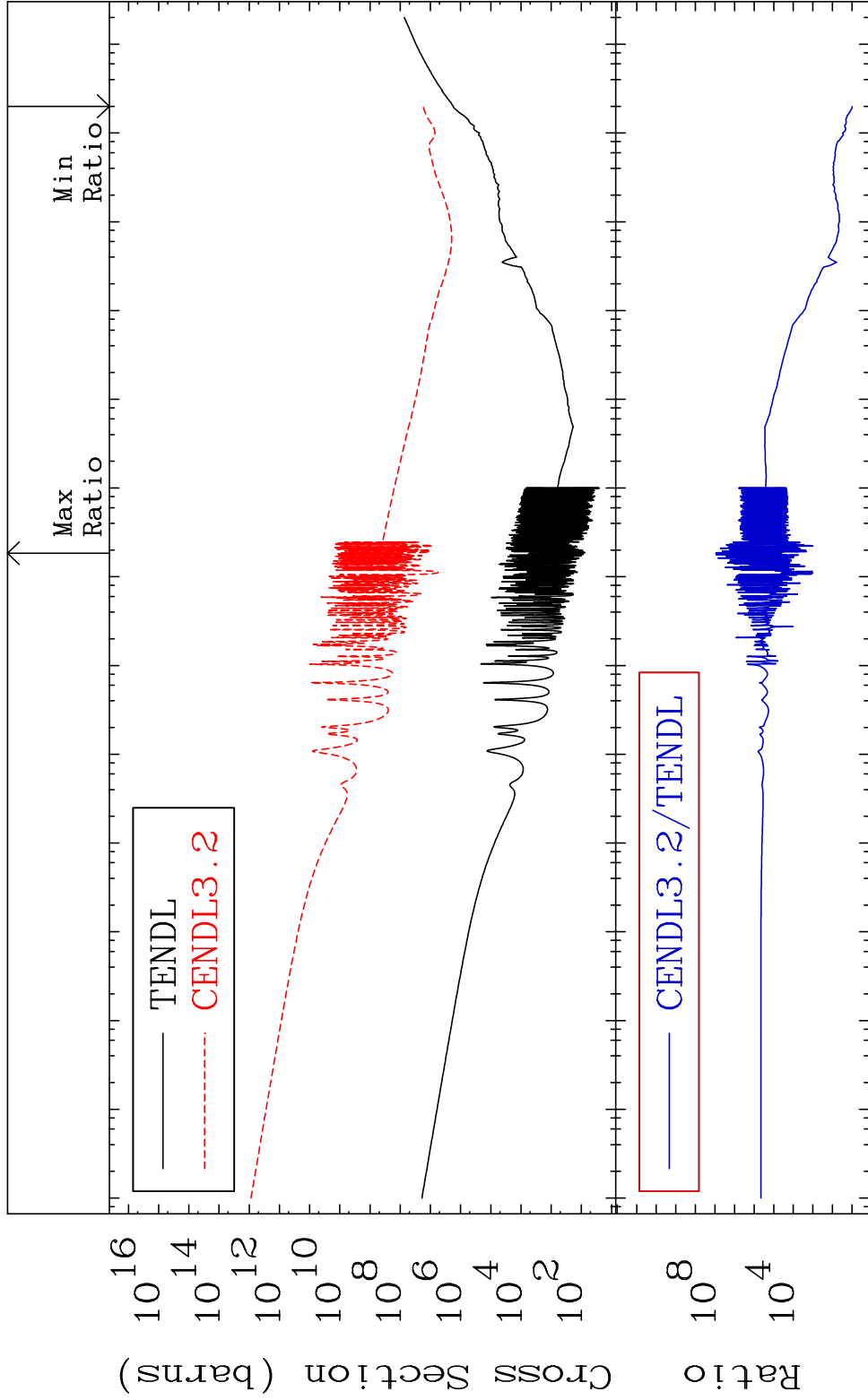


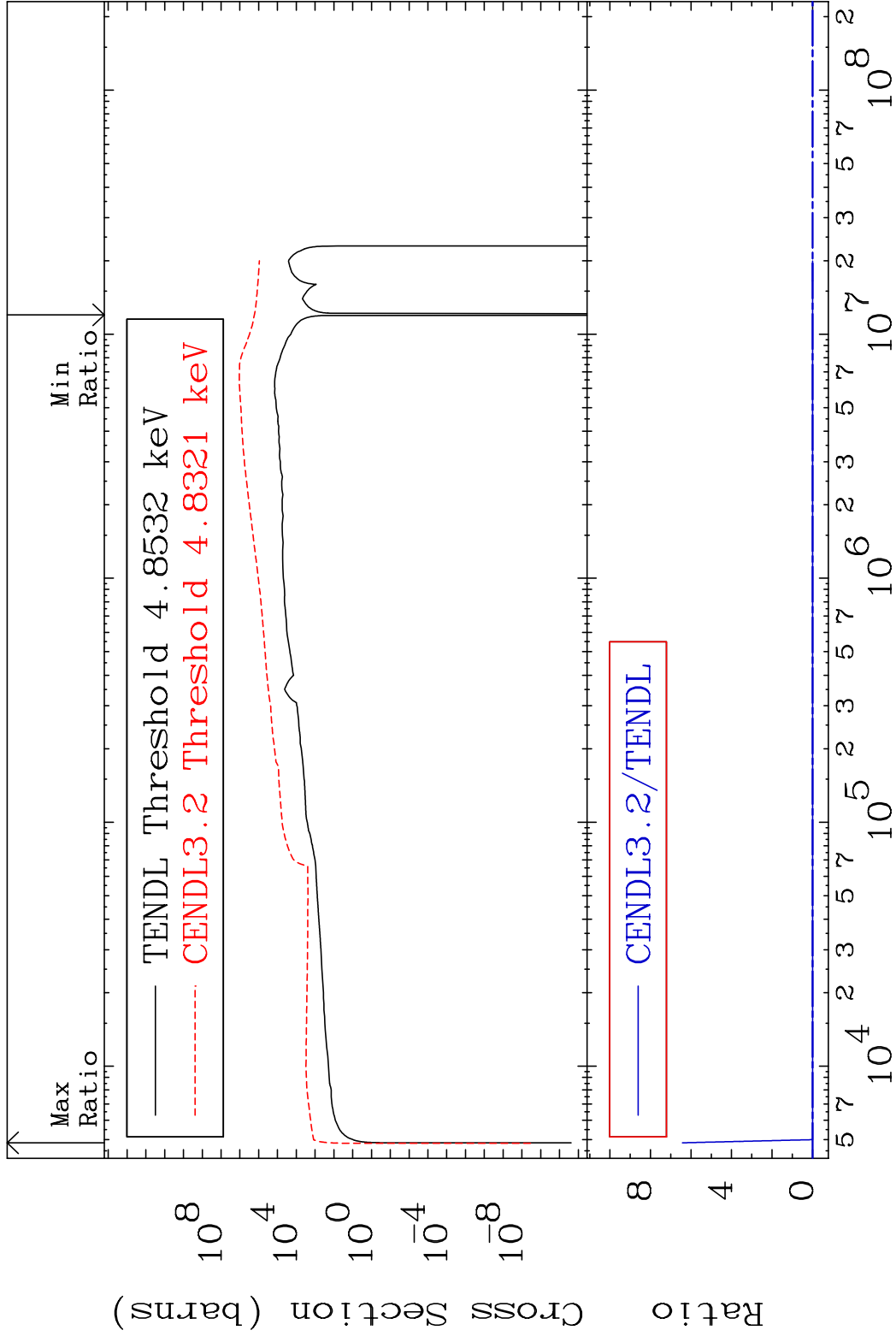
34      Incident Energy (eV)      62-Sm-151

|          |                                |                                |
|----------|--------------------------------|--------------------------------|
| MAT 6246 | Kerma elastic<br>Cross Section | 62-Sm-151<br>-99.53 To 9999. % |
|----------|--------------------------------|--------------------------------|

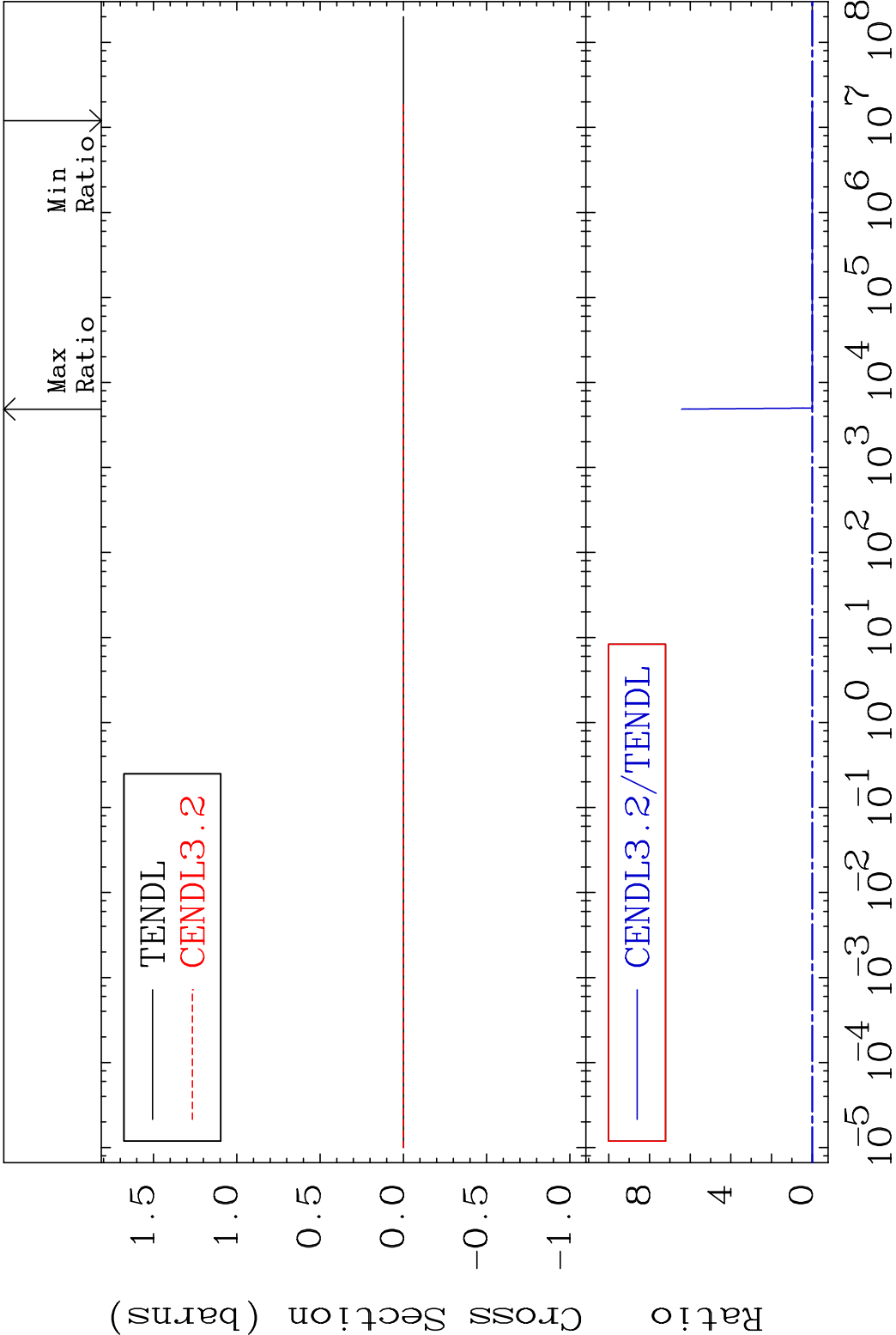


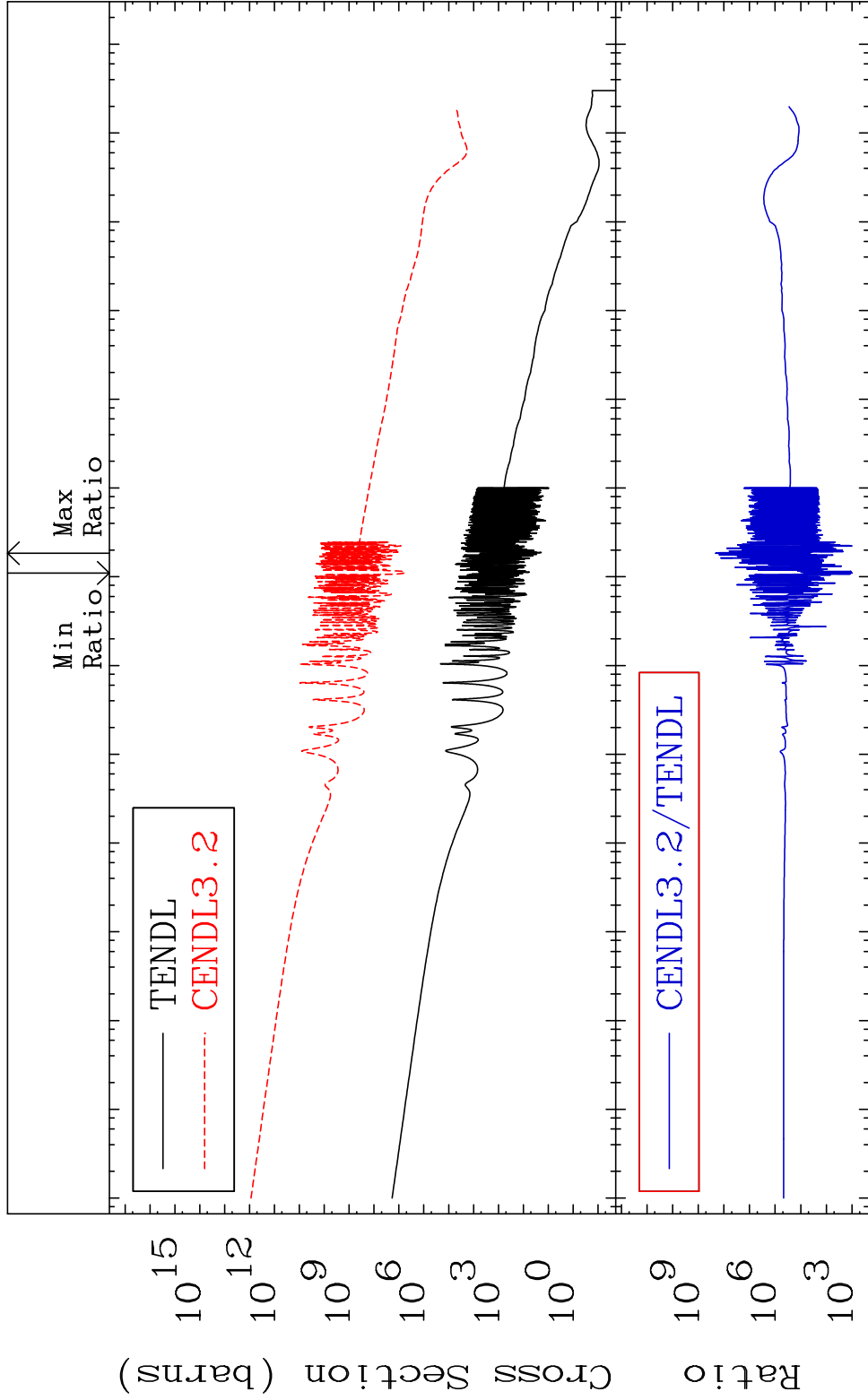
MAT 6246      Kerma non-elastic (all but mt2)      62-Sm-151  
 Cross Section      880.3      To 9999. %

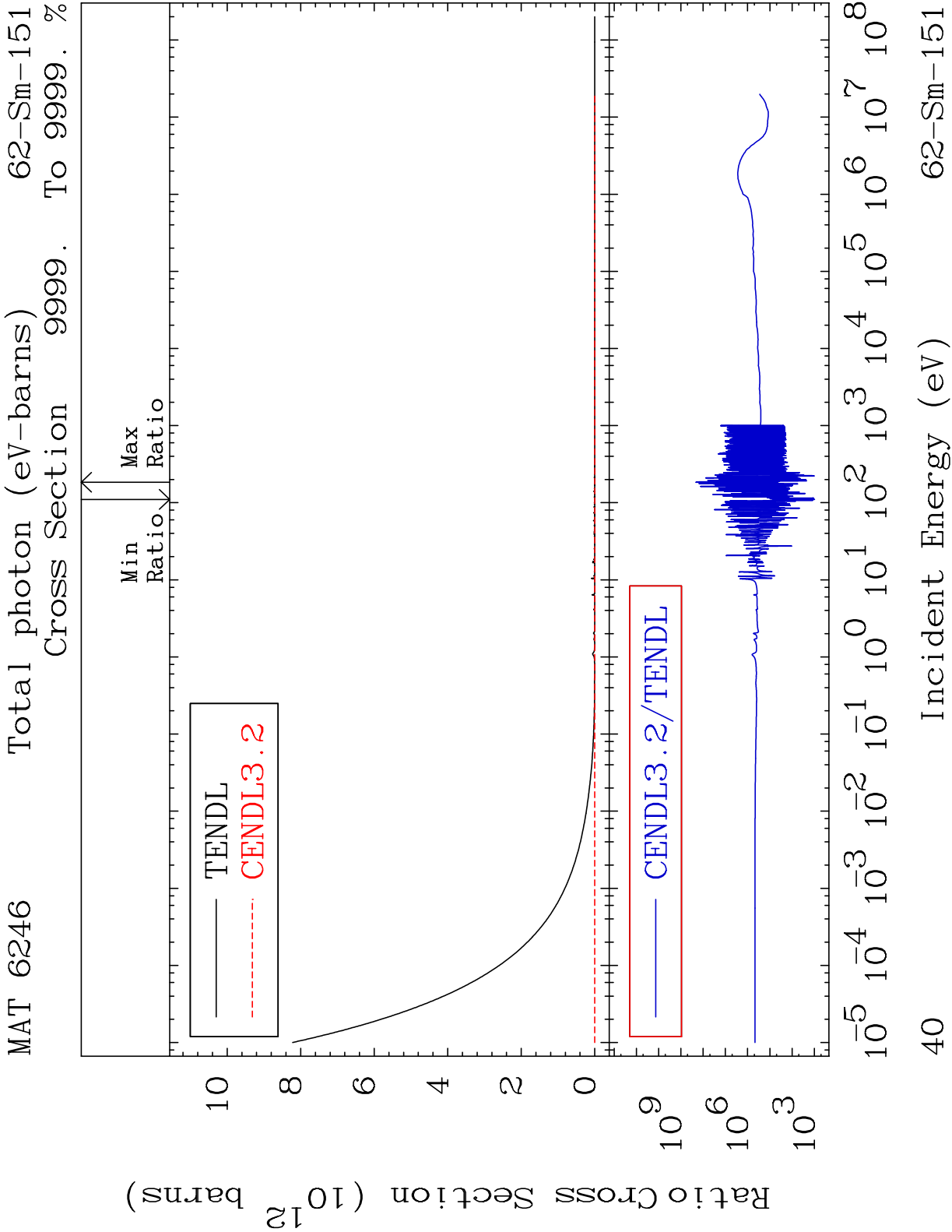




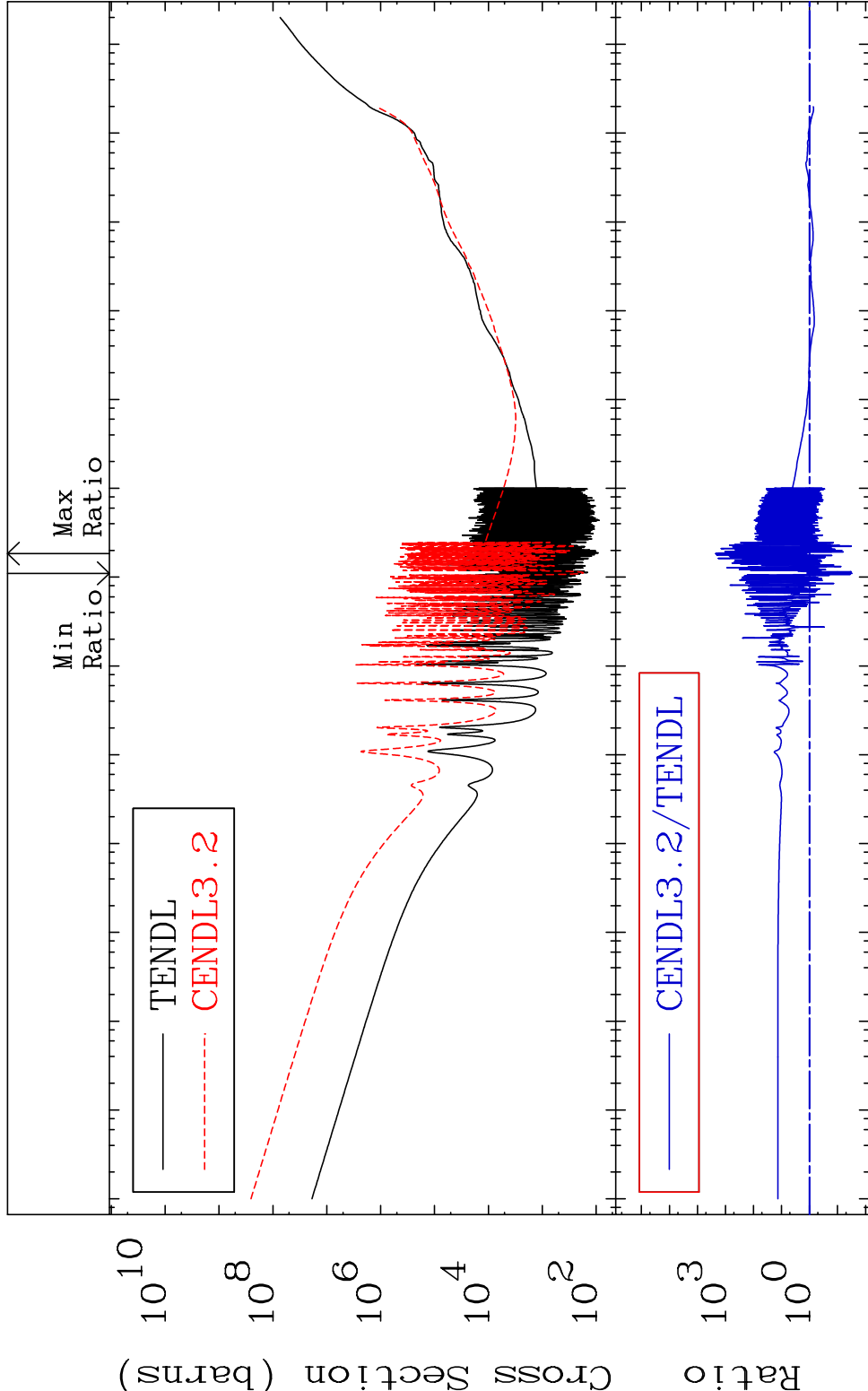
MAT 6246 Kerma fission (mt18 or mt19-20-21-38) 62-Sm-151  
Cross Section -9999. To 9999. %





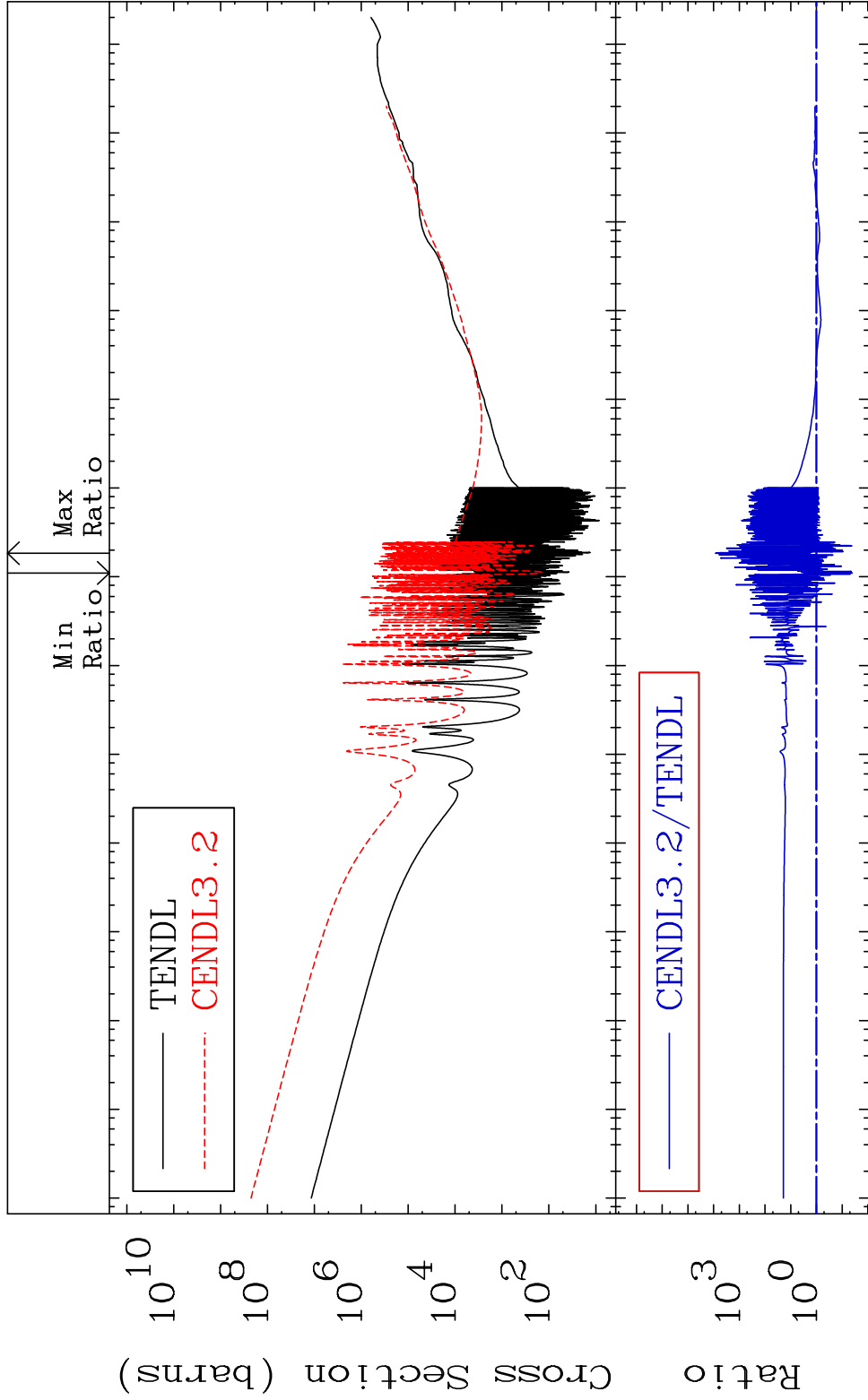


MAT 6246 Total kinematic kerma (high limit) 62-Sm-151  
Cross Section -97.01 To 9999. %



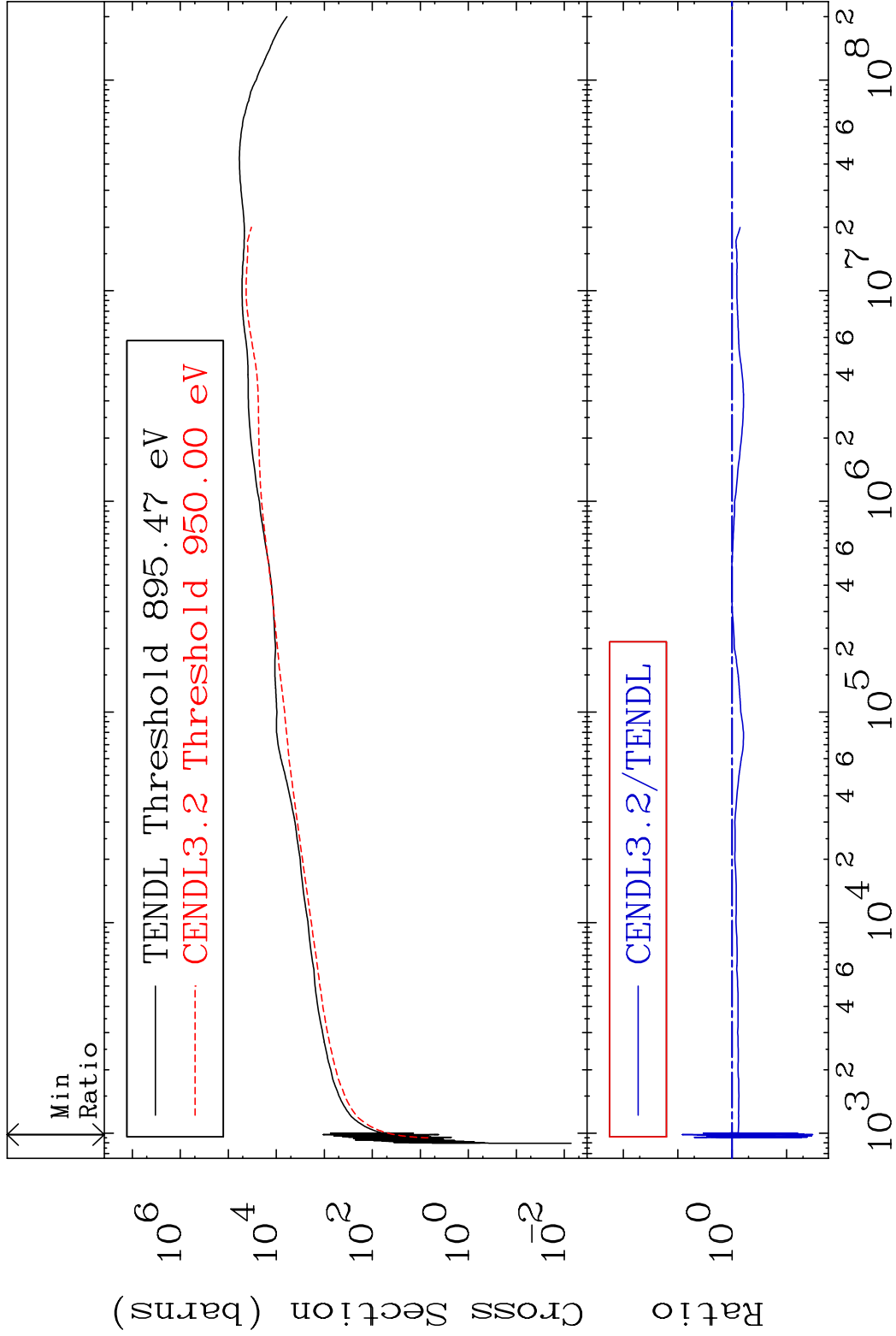
41 Incident Energy (eV) 62-Sm-151

MAT 6246      Dpa total (eV-barns)      62-Sm-151  
Cross Section      -95.96 To 9999. %

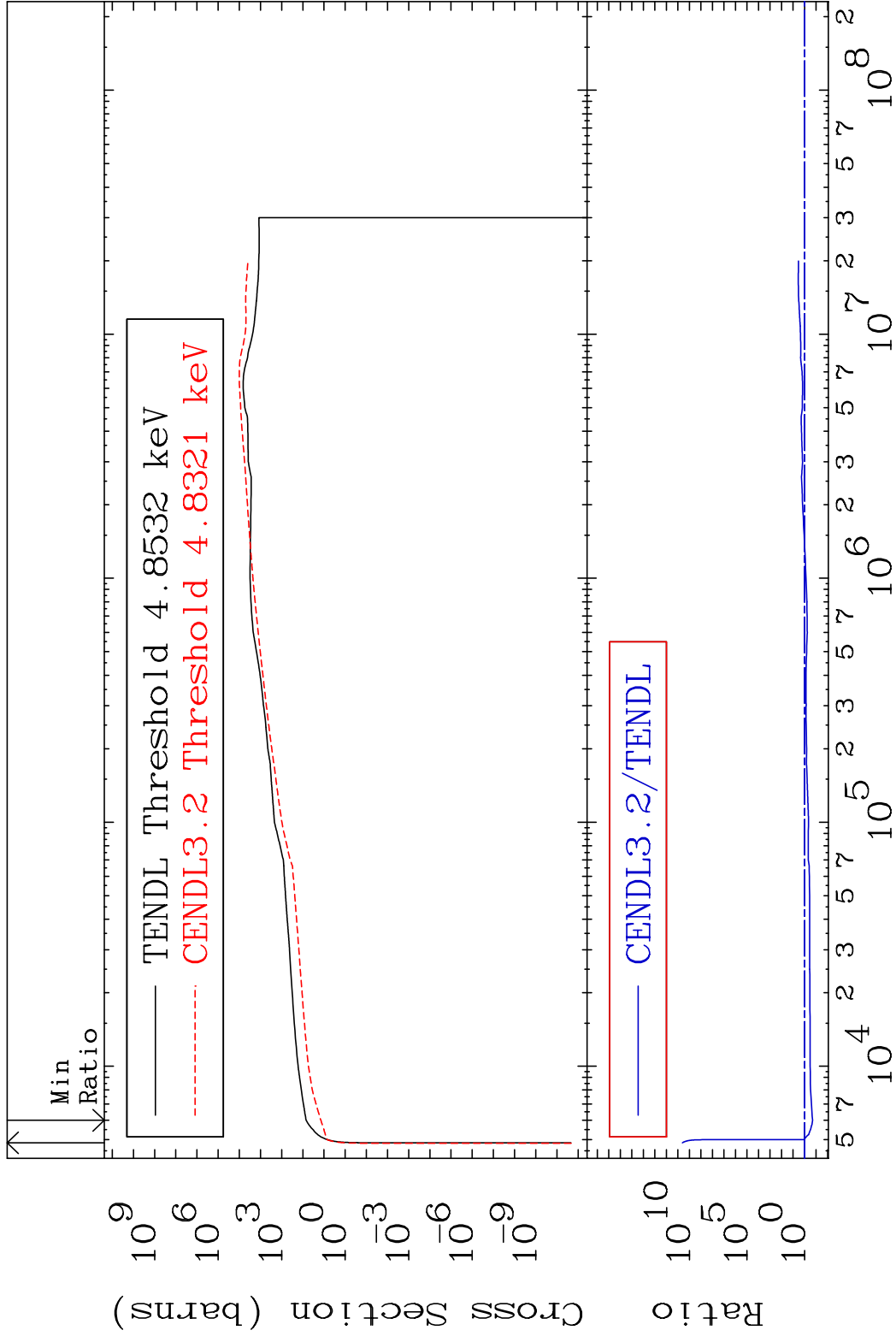


42      Incident Energy (eV)      62-Sm-151

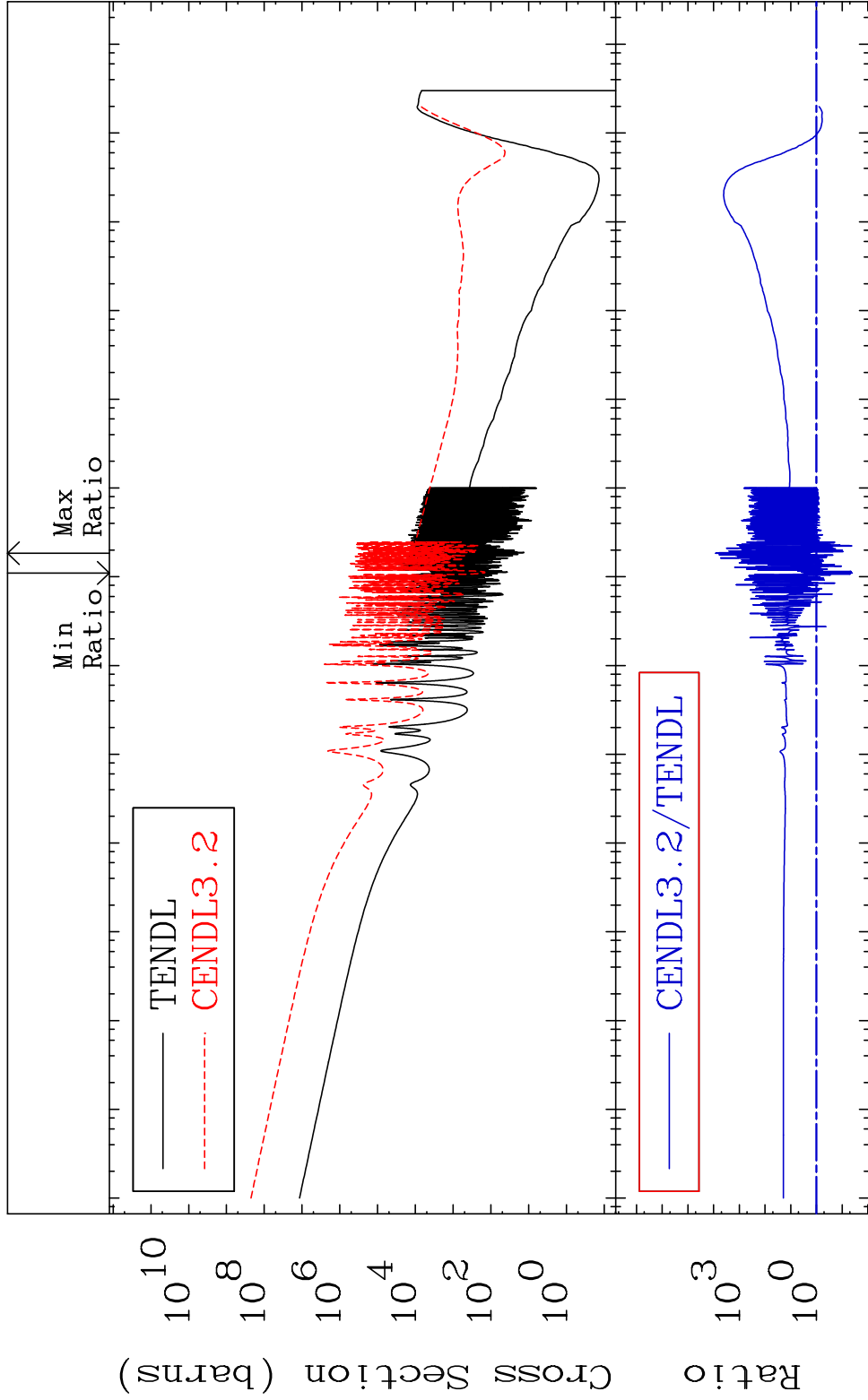
MAT 6246      Dpa elastic (mt2)      62-Sm-151  
Cross Section      -96.66 To 724.4 %



43      Incident Energy (eV)      62-Sm-151

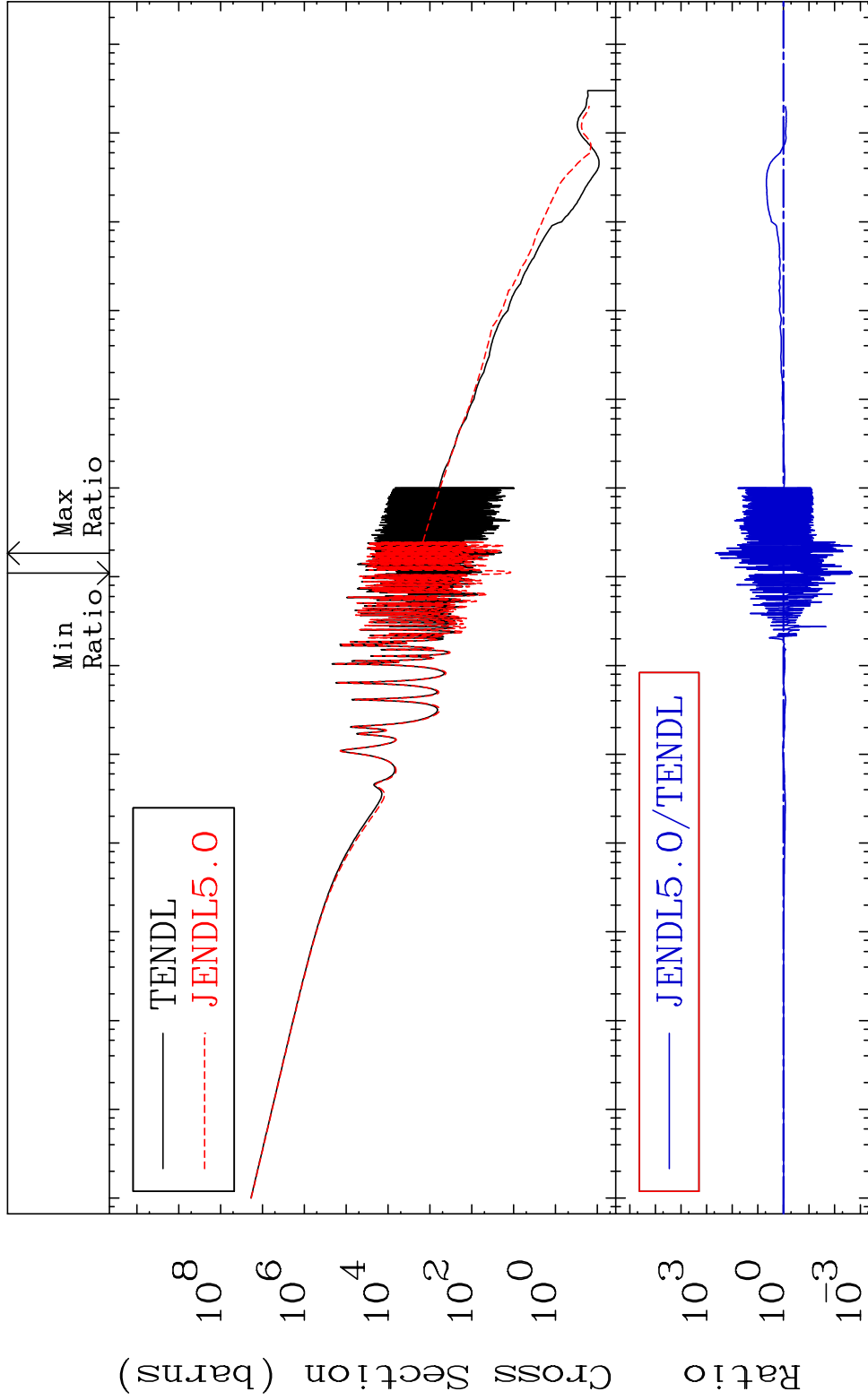


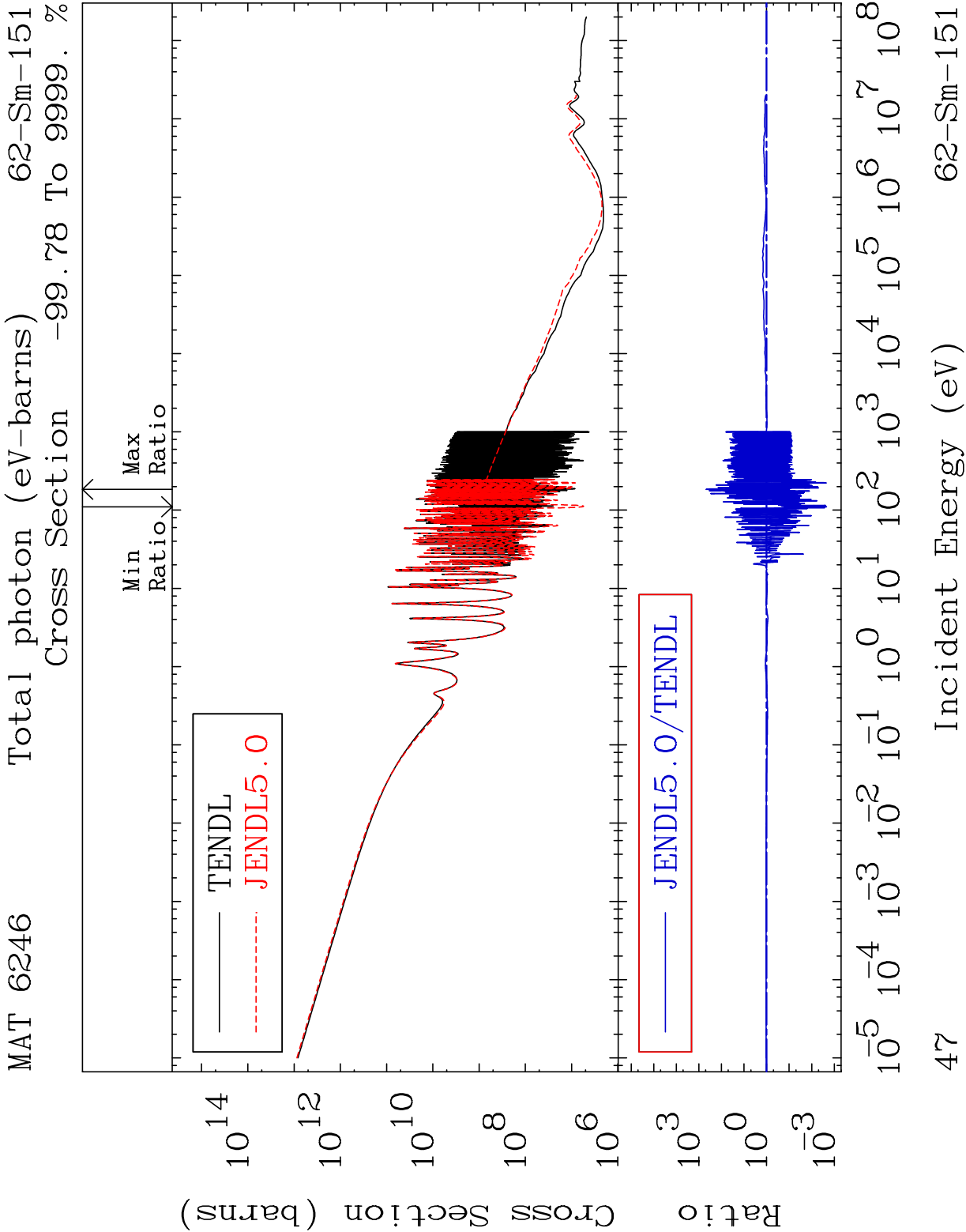
MAT 6246    Dpa disappearance (mt102 -120)    62-Sm-151  
 Cross Section    -95.96 To 9999. %



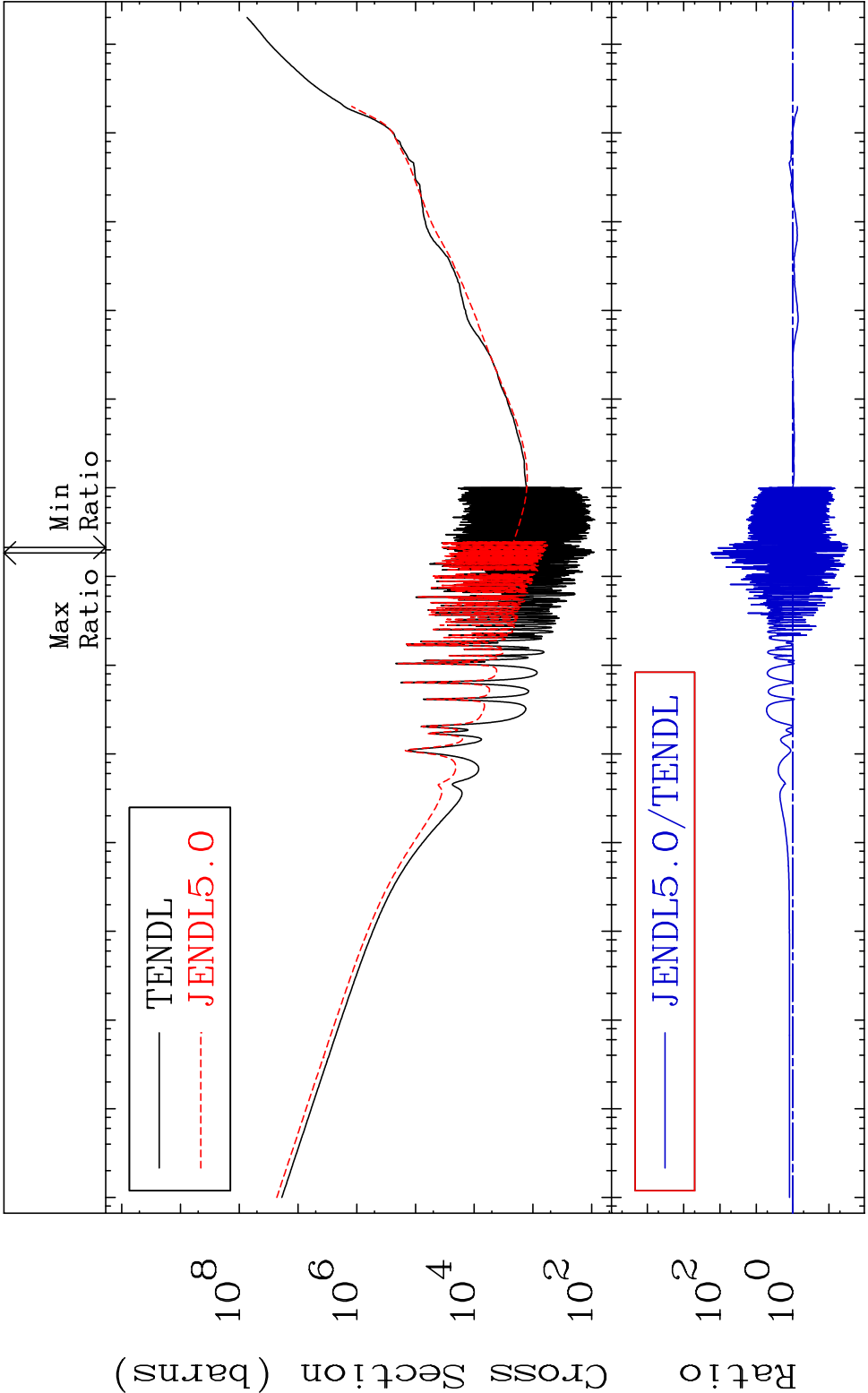
45    Incident Energy (eV)    62-Sm-151

MAT 6246      Kerma capture (mt102)      62-Sm-151  
Cross Section      -99.79 To 9999. %



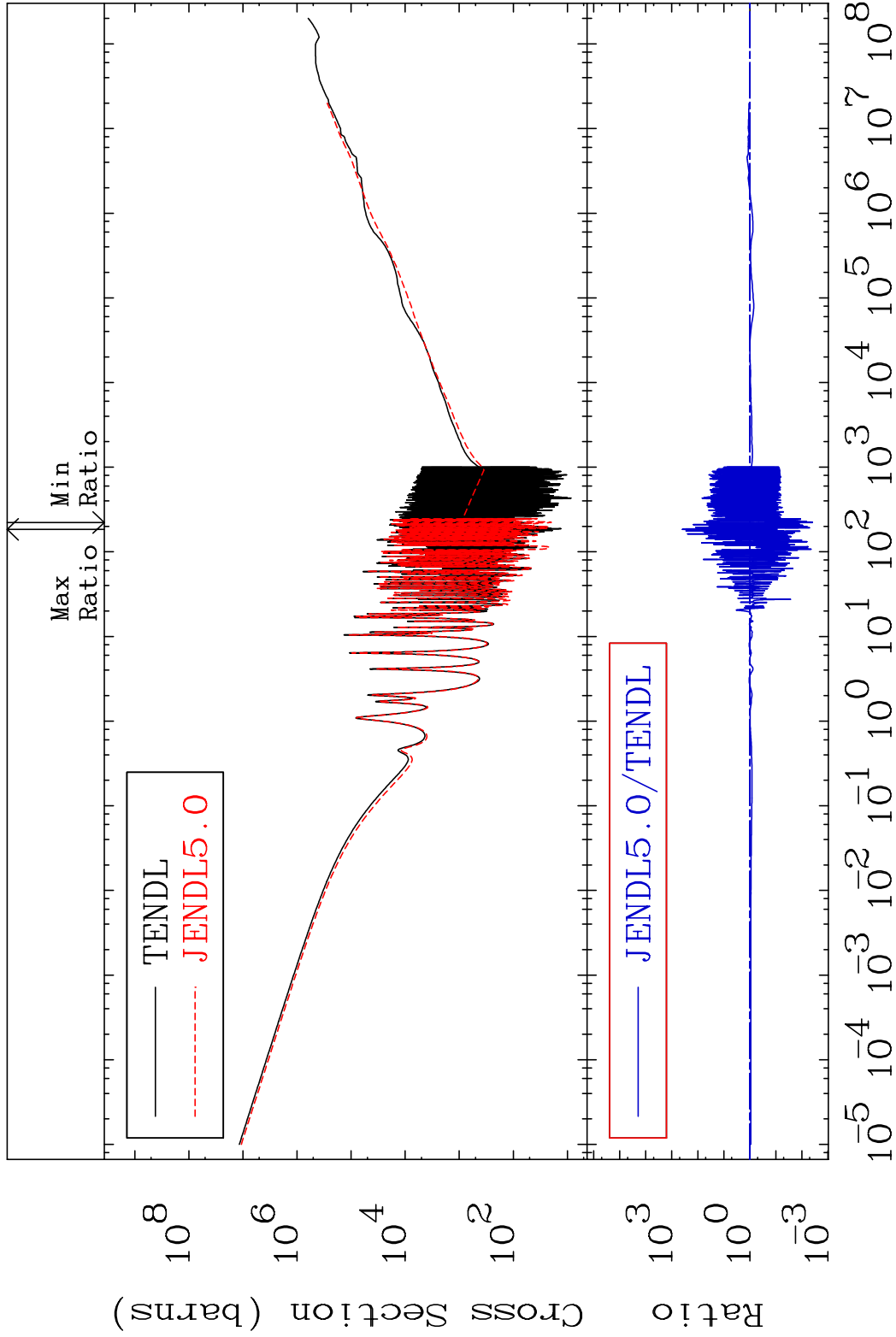


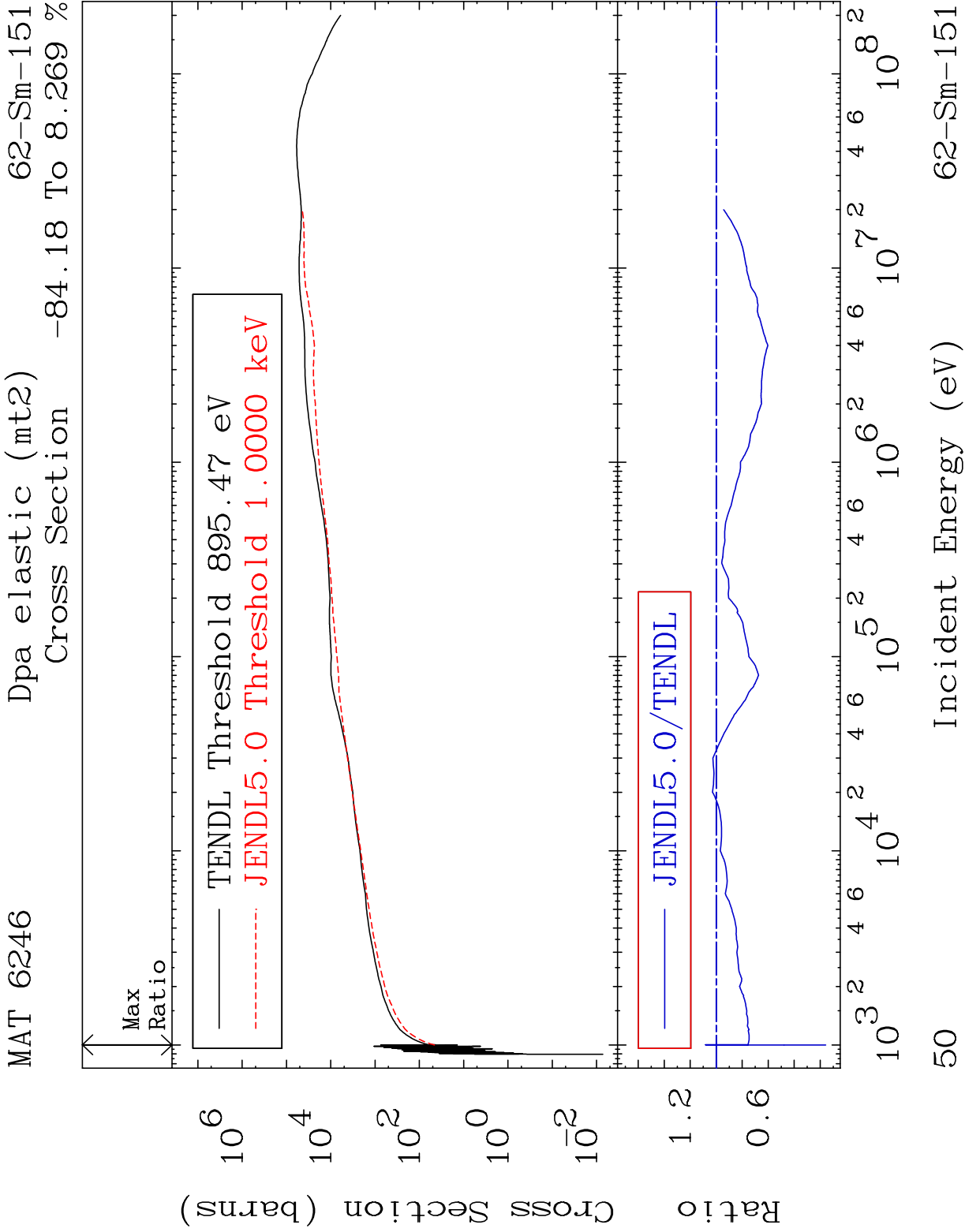
MAT 6246 Total kinematic kerma (high limit) 62-Sm-151  
Cross Section -96.97 To 9999. %

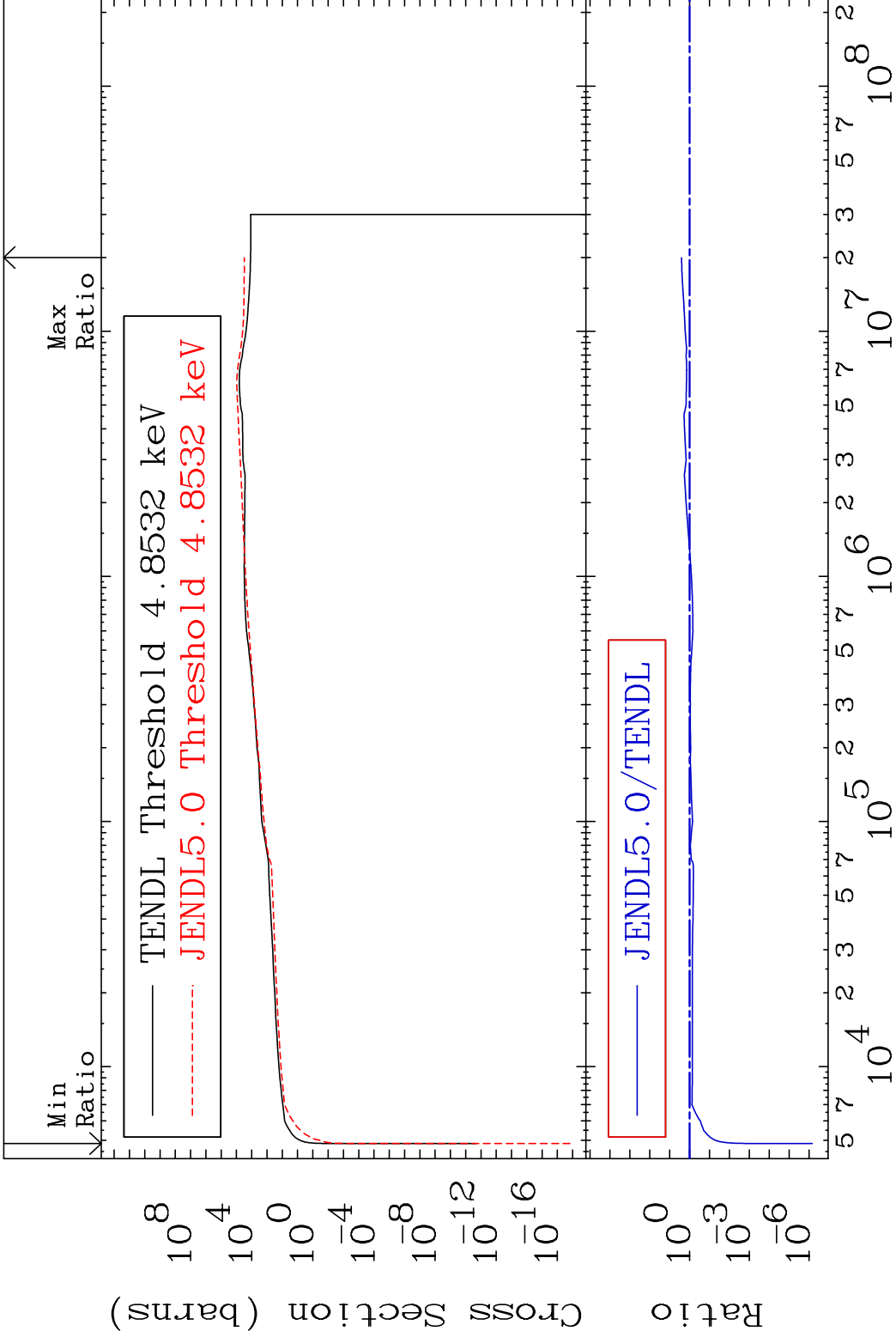


48 Incident Energy (eV) 62-Sm-151

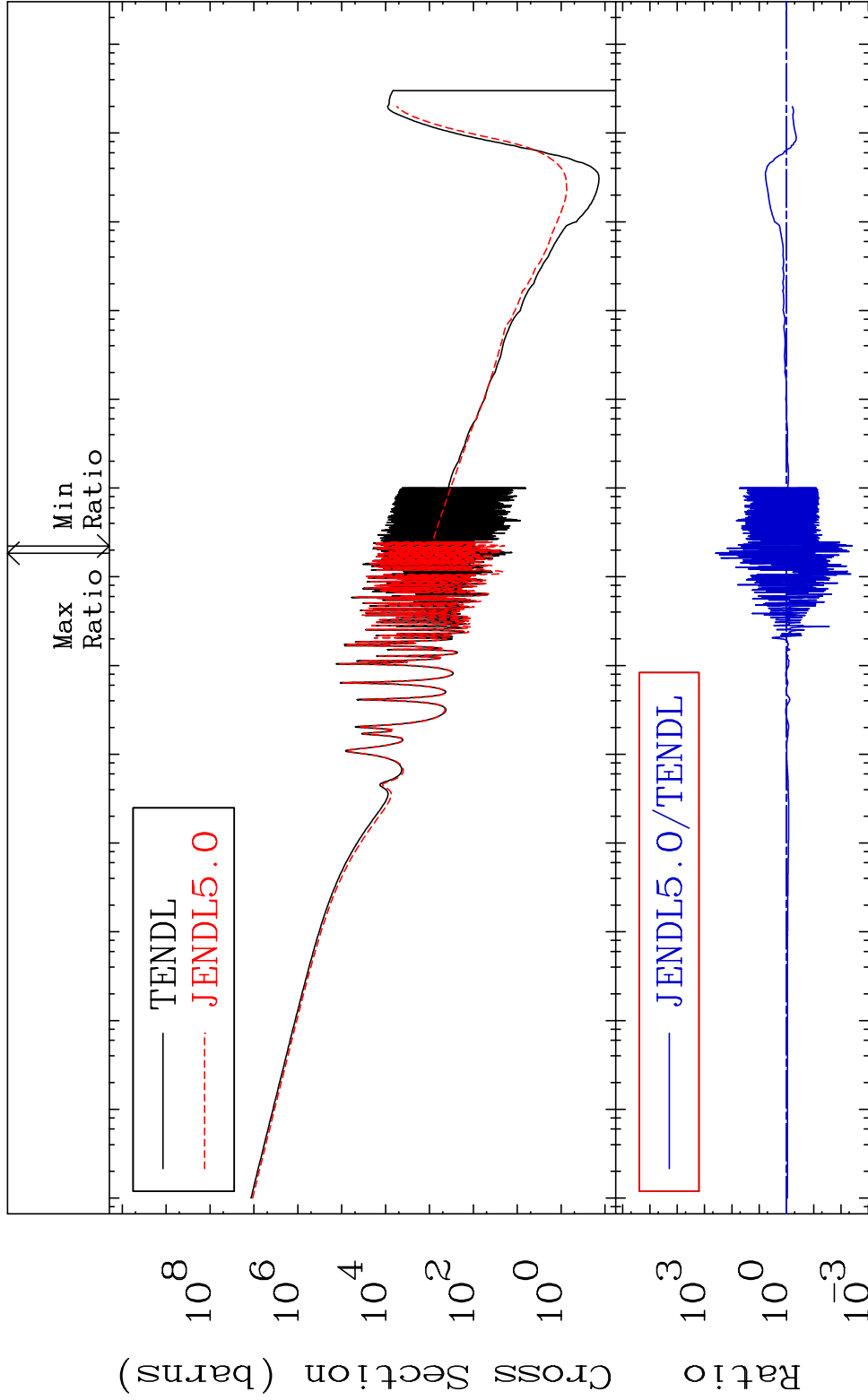
MAT 6246      Dpa total (eV-barns)      62-Sm-151  
Cross Section      -99.61 To 9999. %

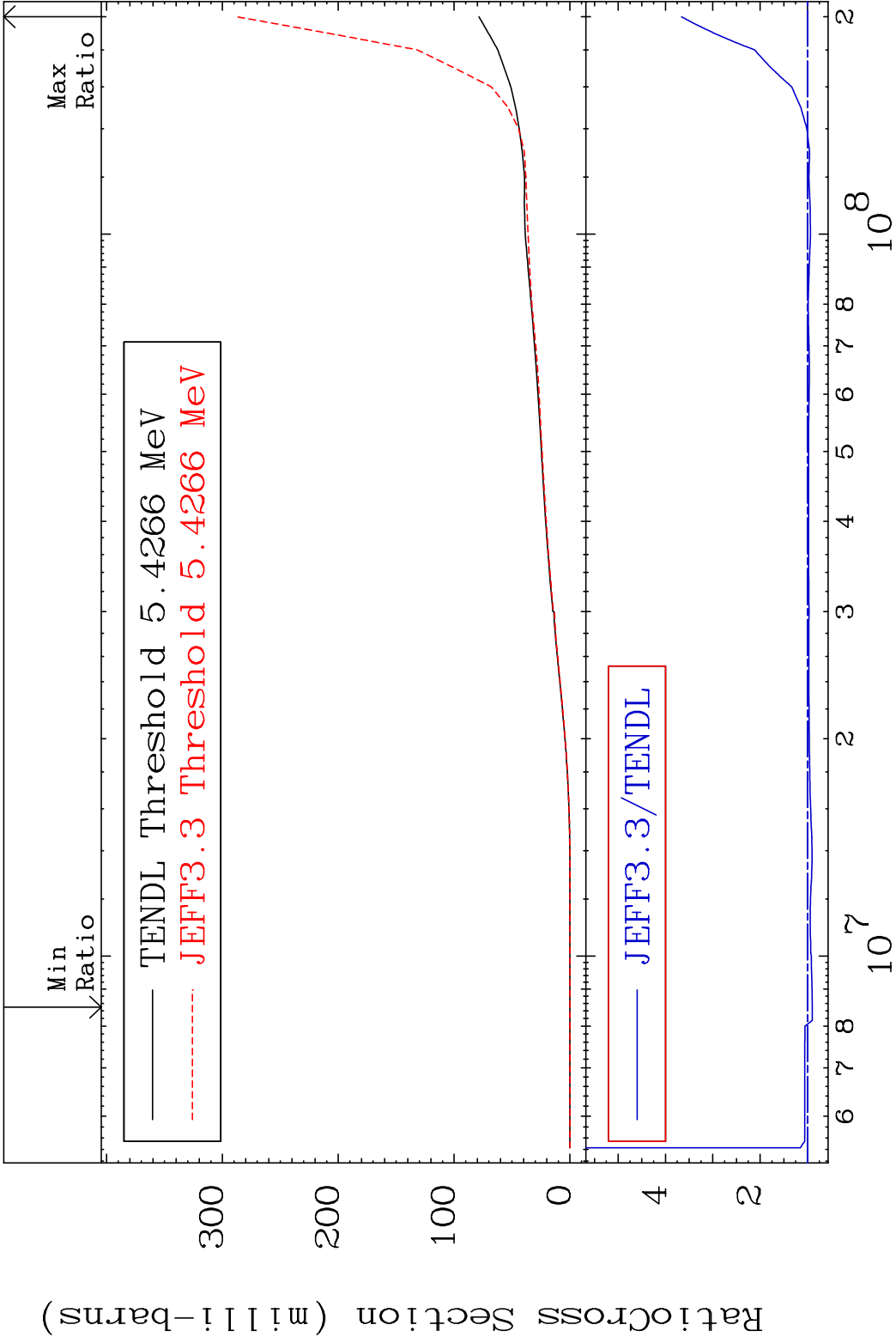


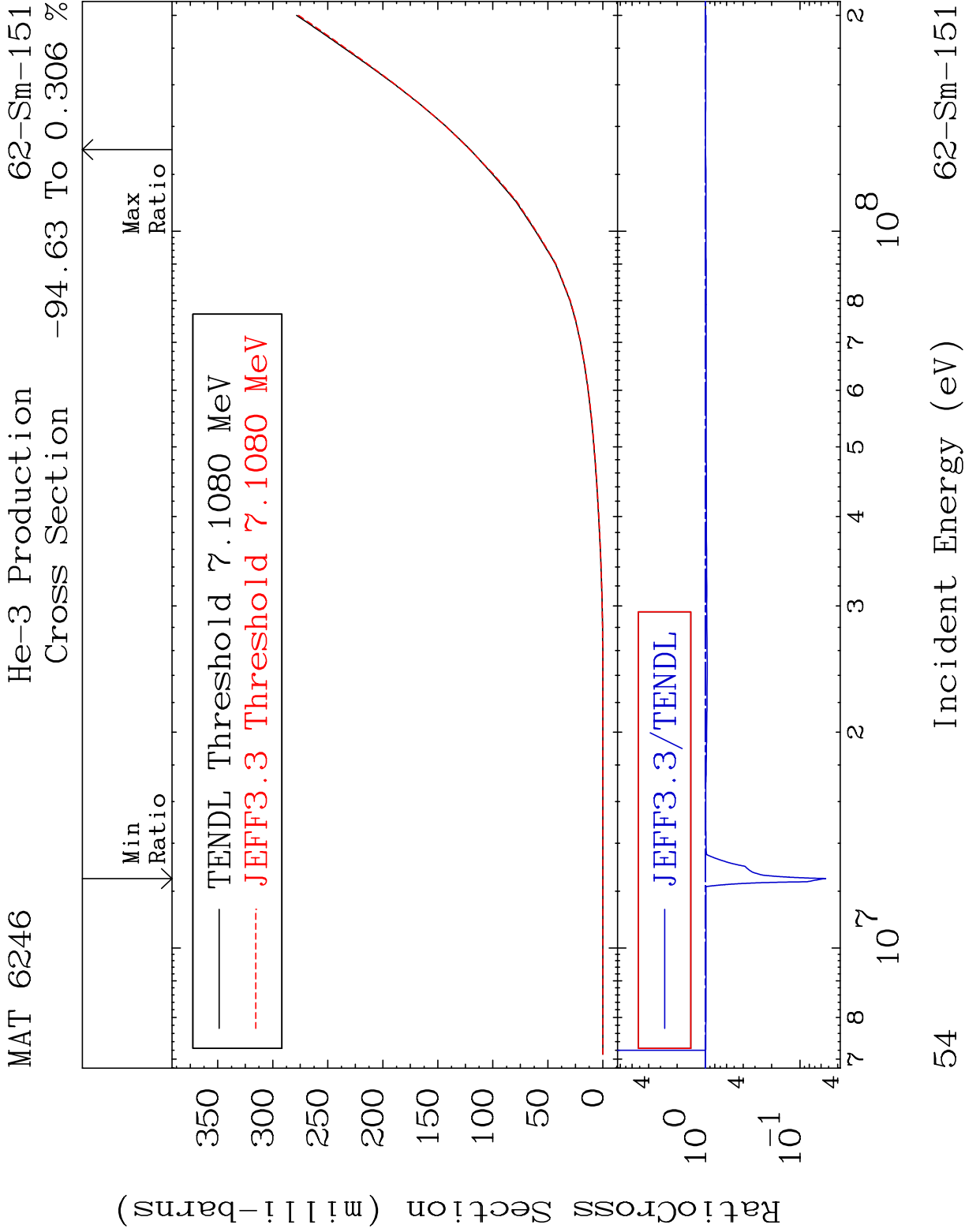


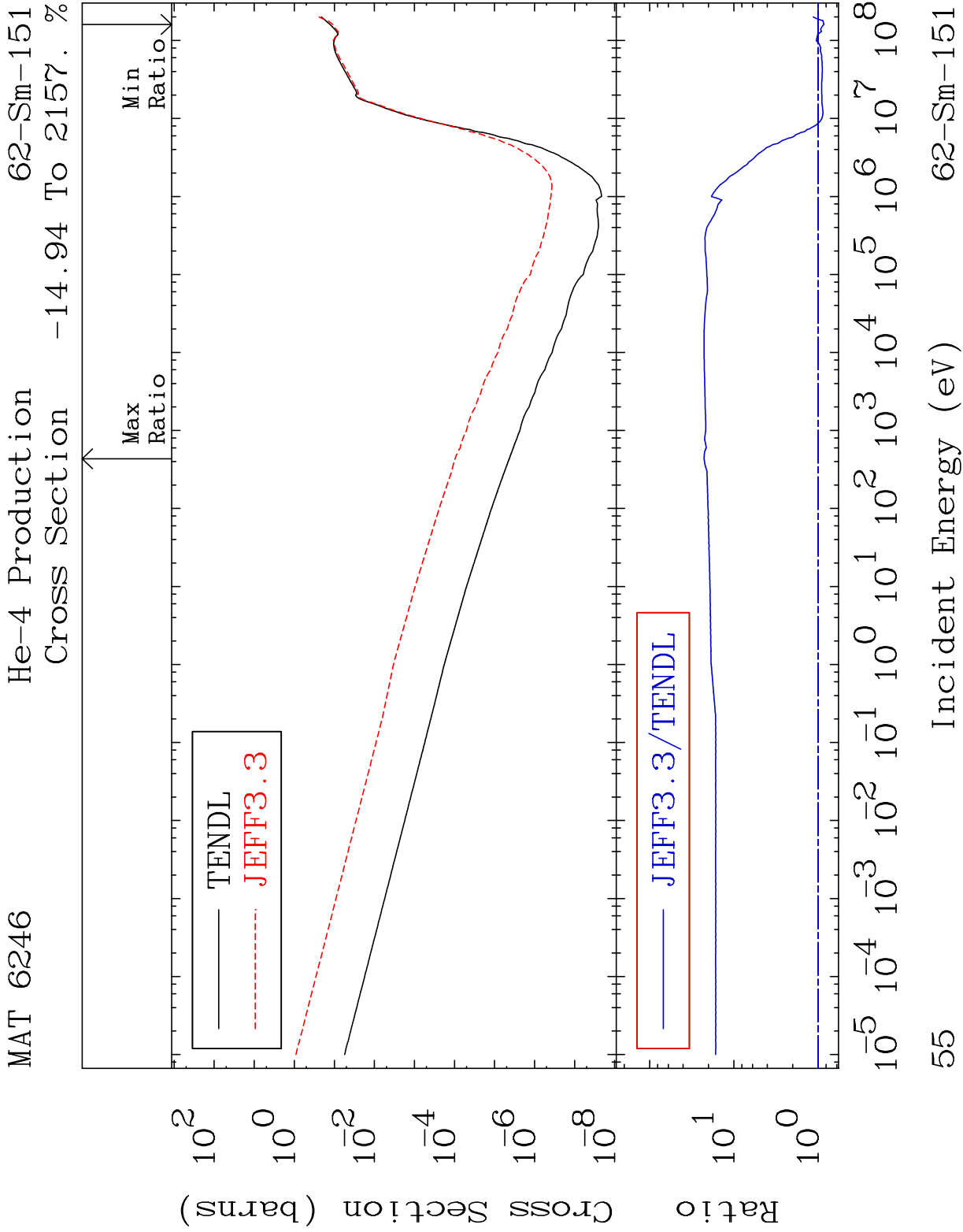


MAT 6246    Dpa disappearance (mt102 -120)    62-Sm-151  
Cross Section    -99.61 To 9999. %









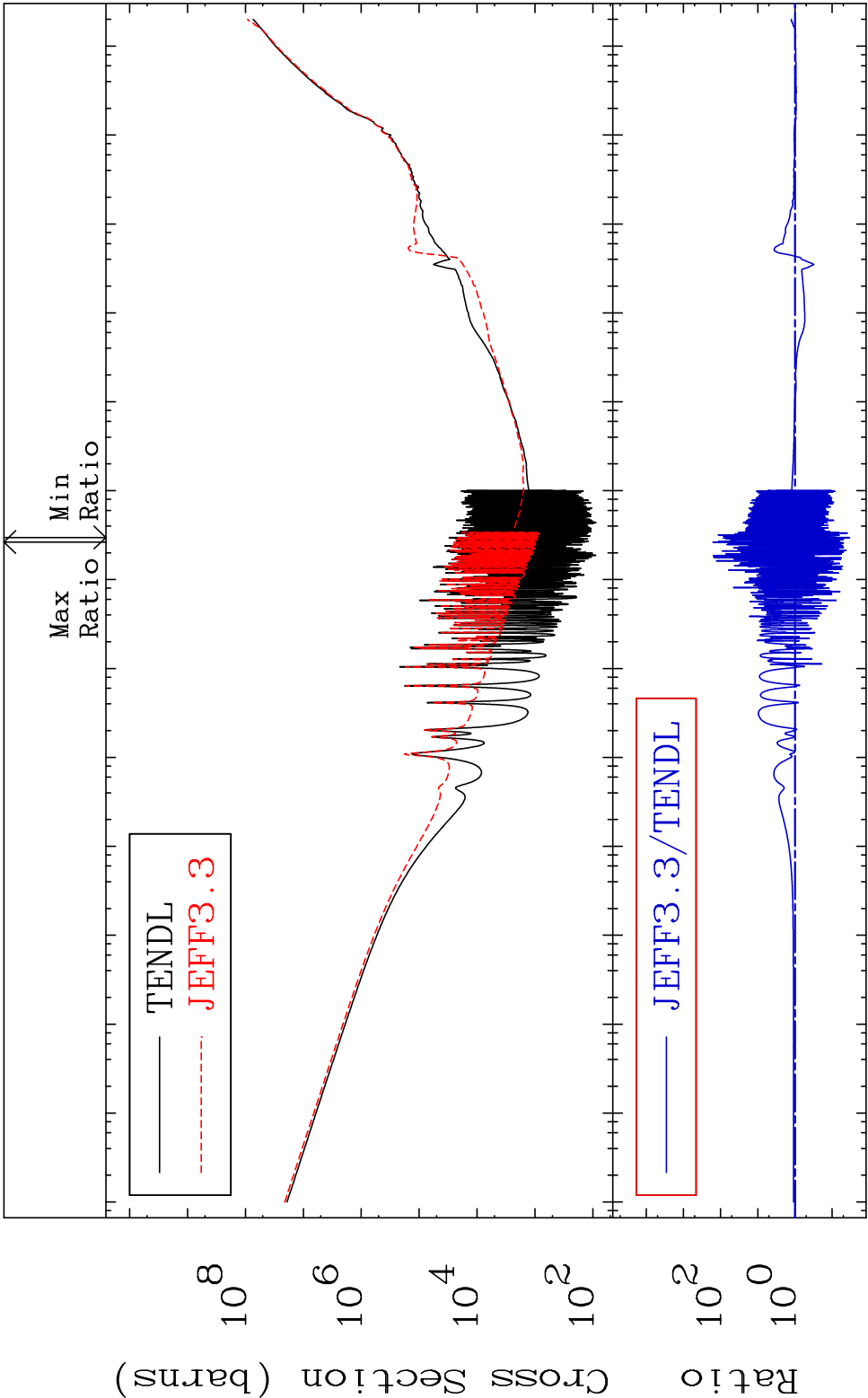
MAT 6246

Kerma total (eV-barns)

62-Sm-151

Cross Section

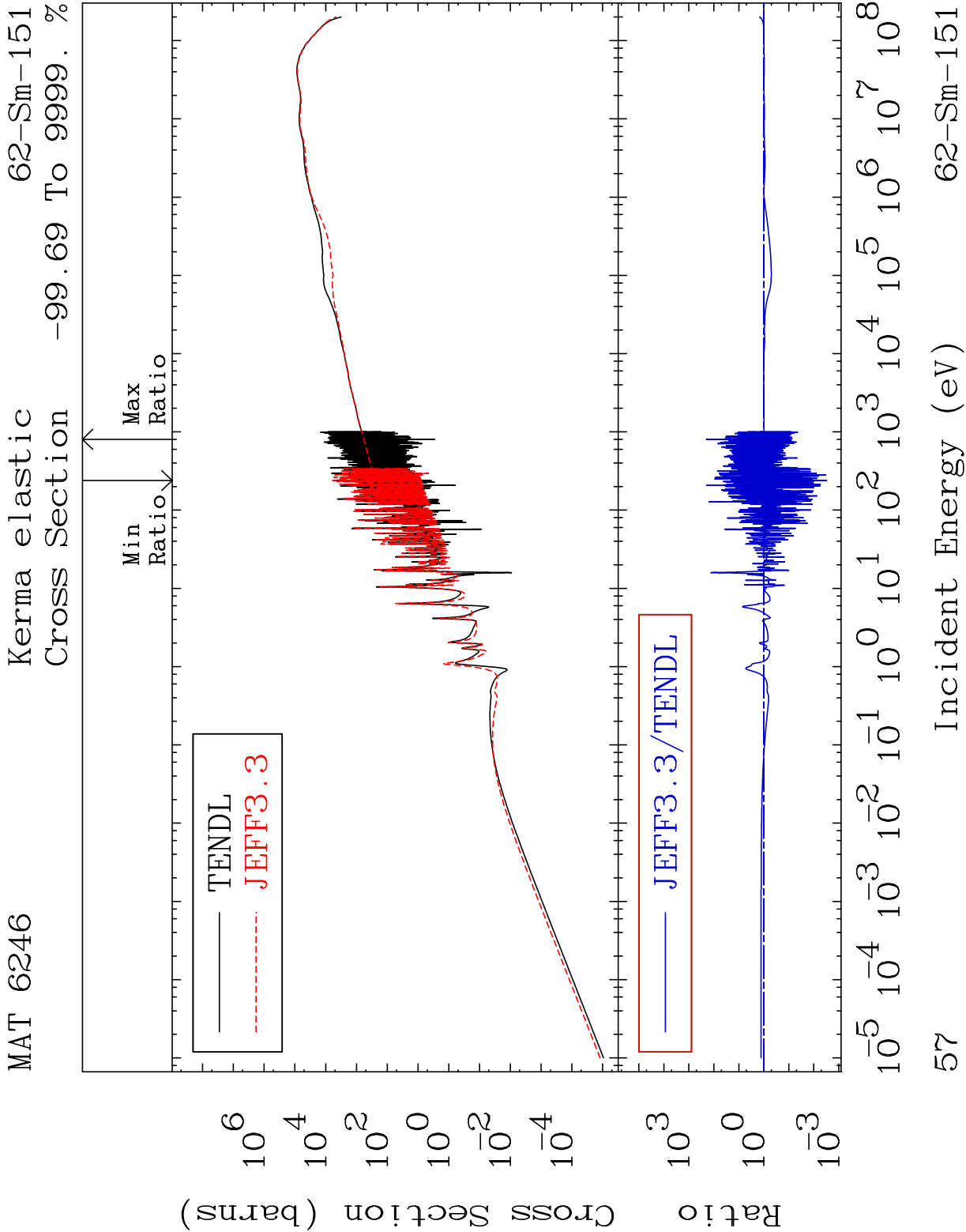
-96.59 To 9999. %



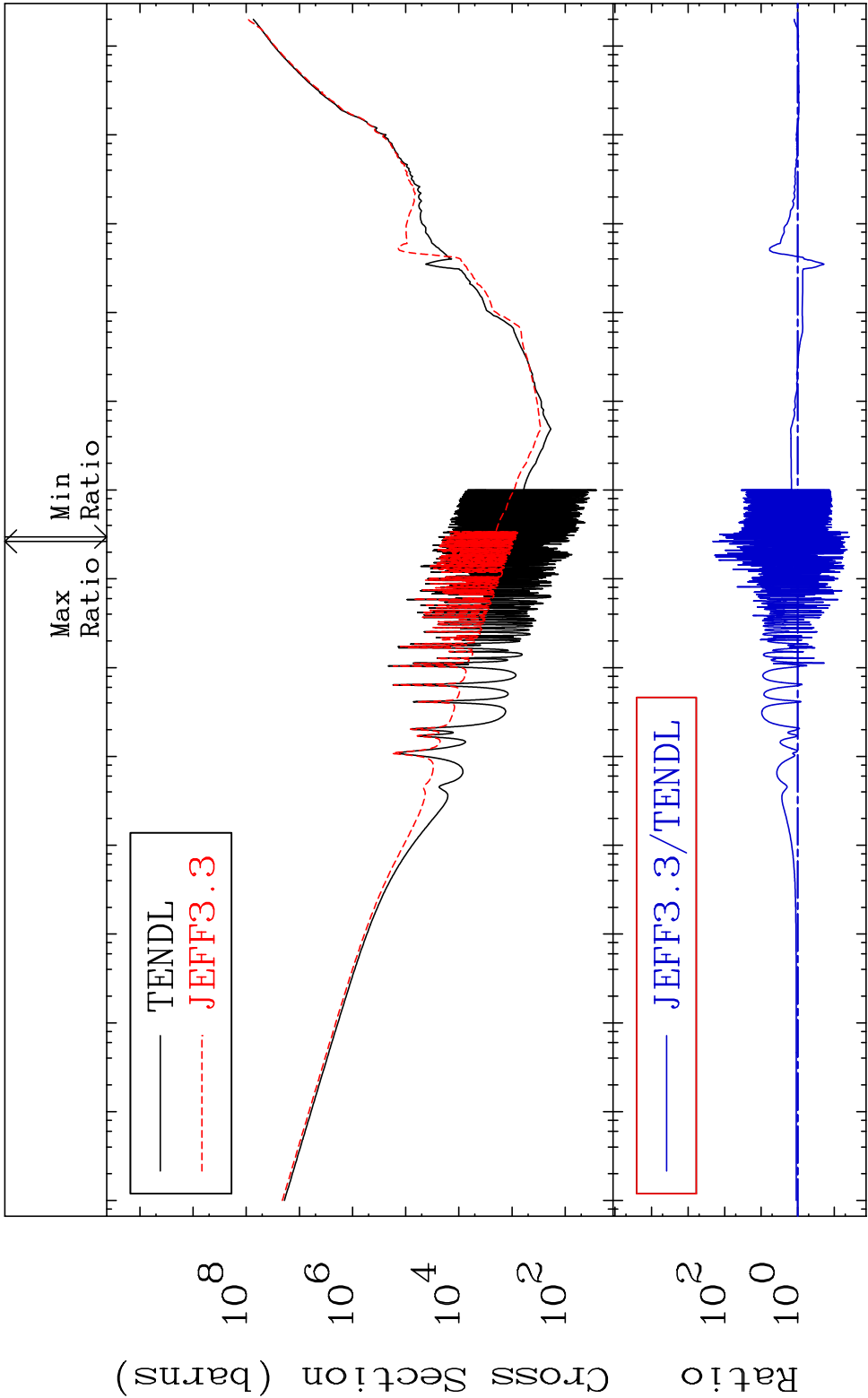
56

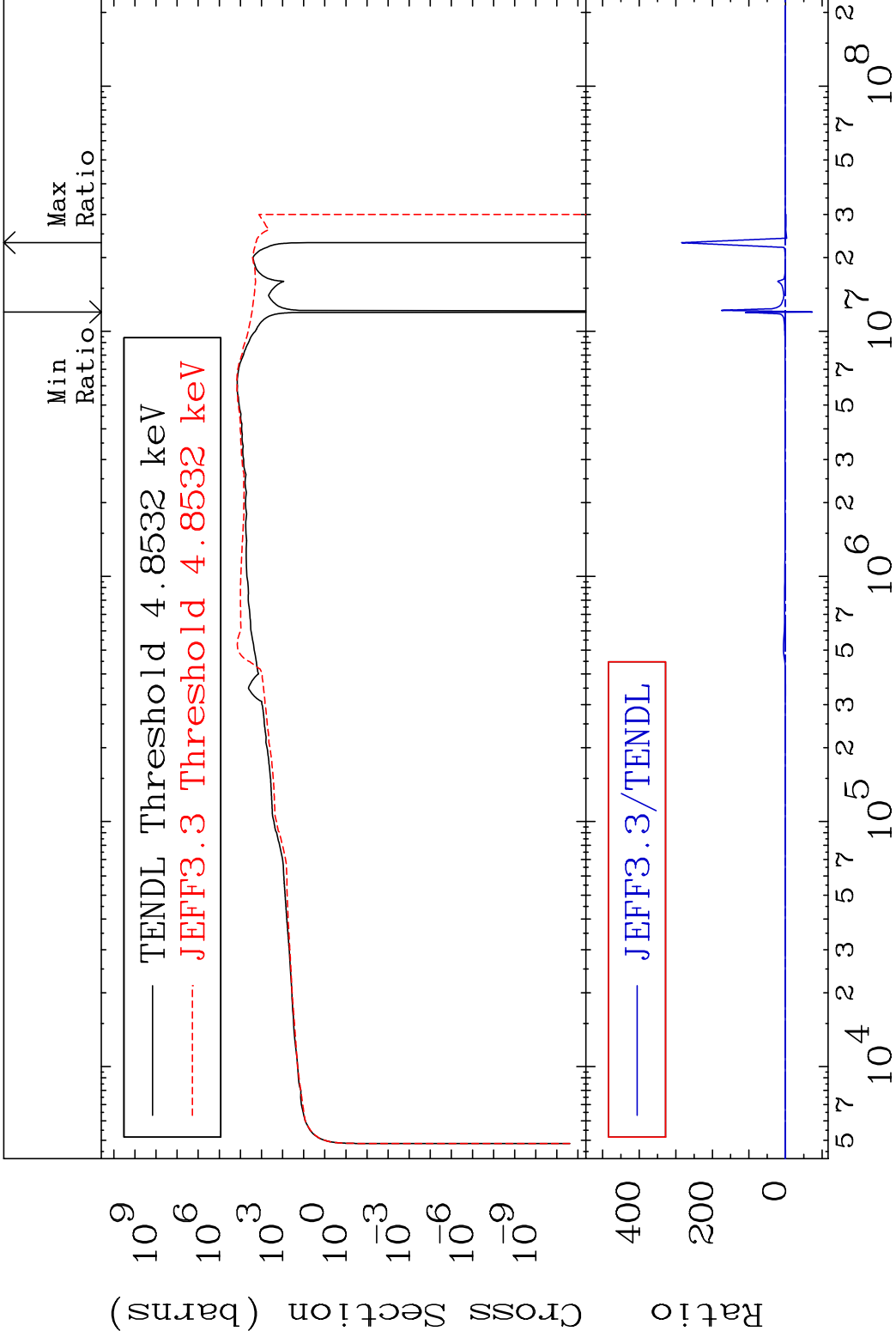
Incident Energy (eV)

62-Sm-151

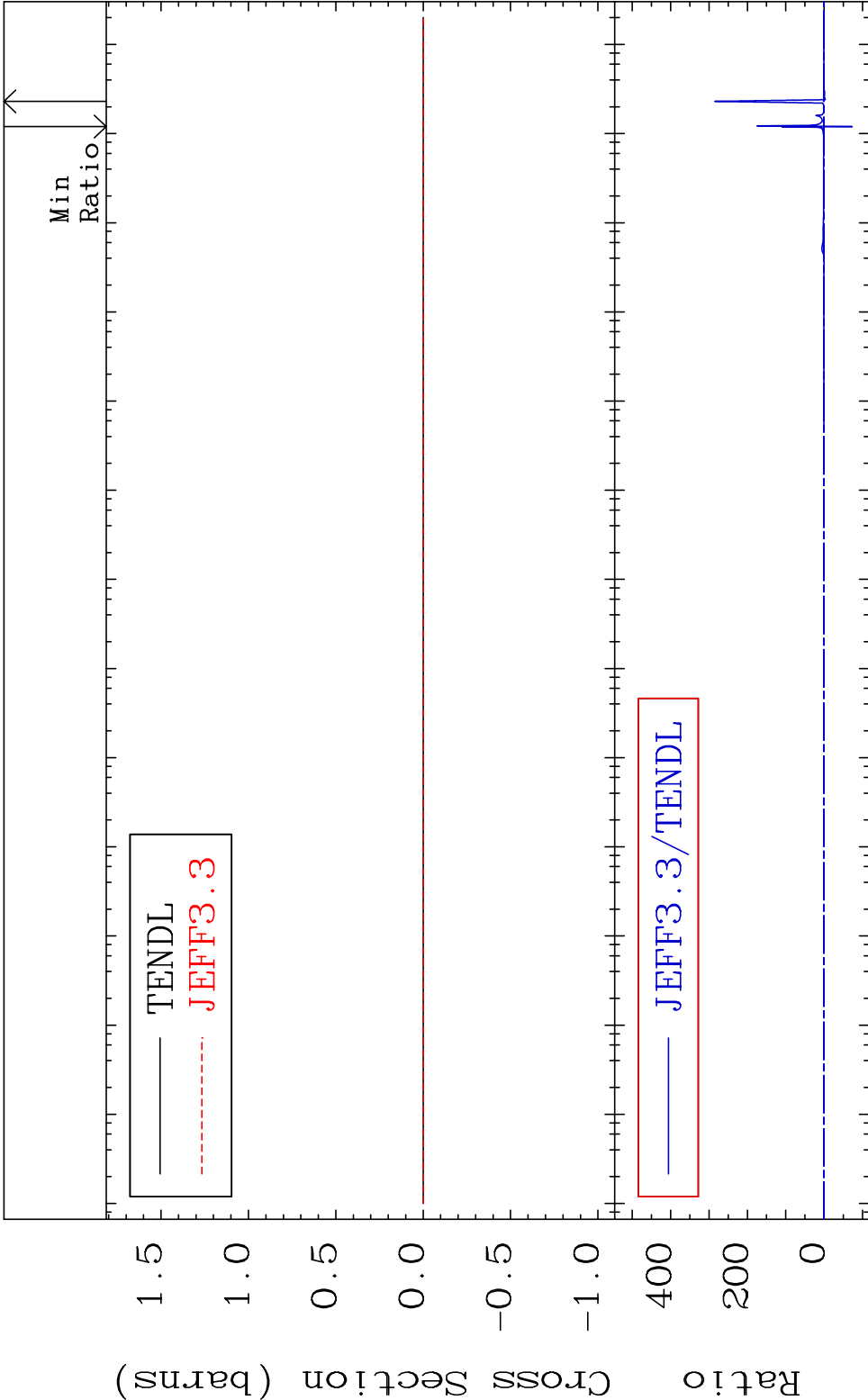


MAT 6246      Kerma non-elastic (all but mt2)      62-Sm-151  
 Cross Section      -96.18 To 9999. %



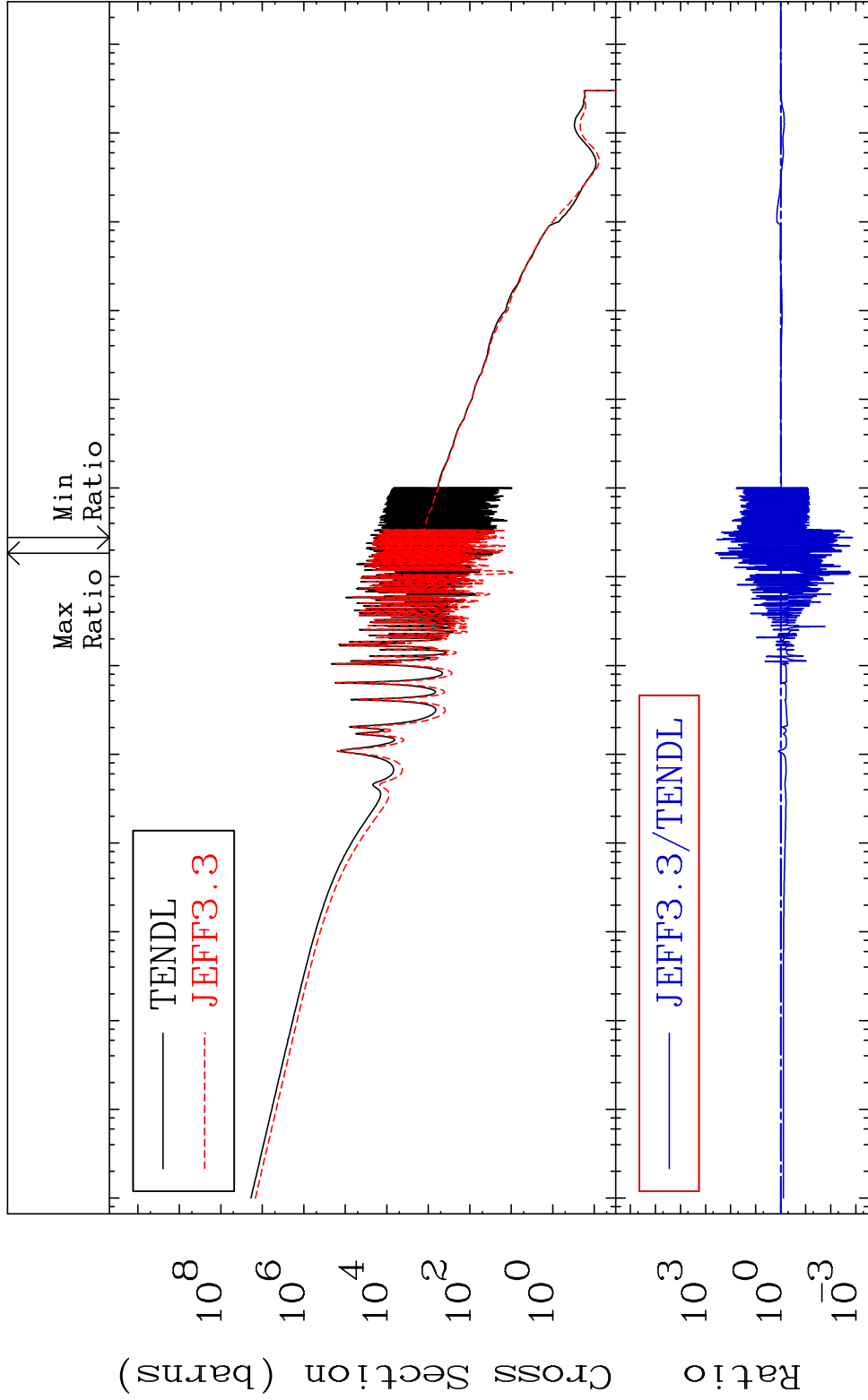


MAT 6246 Kerma fission (mt18 or mt19-20-21-38) 62-Sm-151  
Cross Section -7398. To 9999. %



60 Incident Energy (eV) 62-Sm-151

MAT 6246      Kerma capture (mt102)      62-Sm-151  
Cross Section      -99.86 To 9999. %



61      Incident Energy (eV)      62-Sm-151

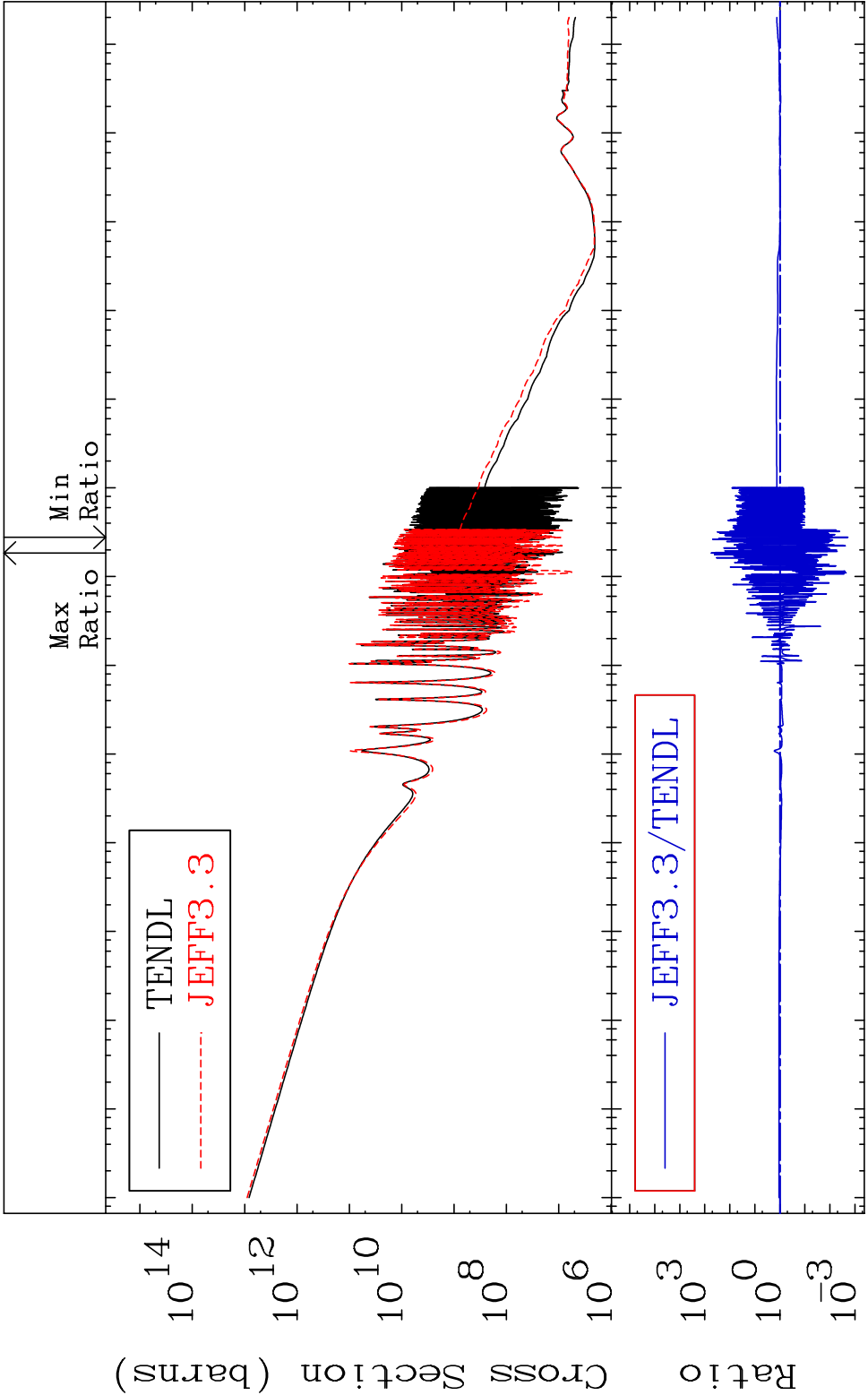
MAT 6246

Total photon (eV-barns)

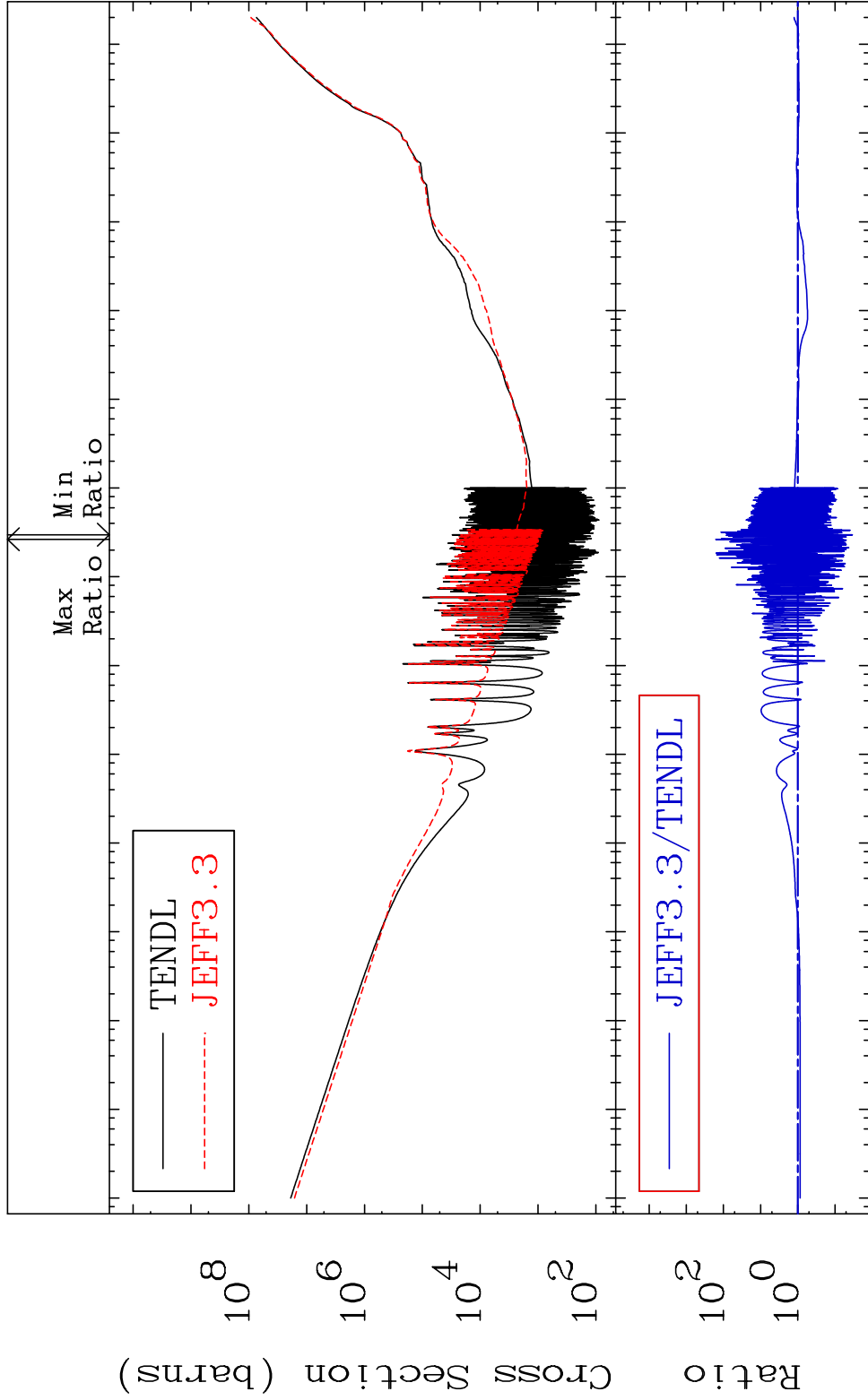
62-Sm-151

Cross Section

-99.81 To 9999. %



MAT 6246 Total kinematic kerma (high limit) 62-Sm-151  
Cross Section -96.57 To 9999. %



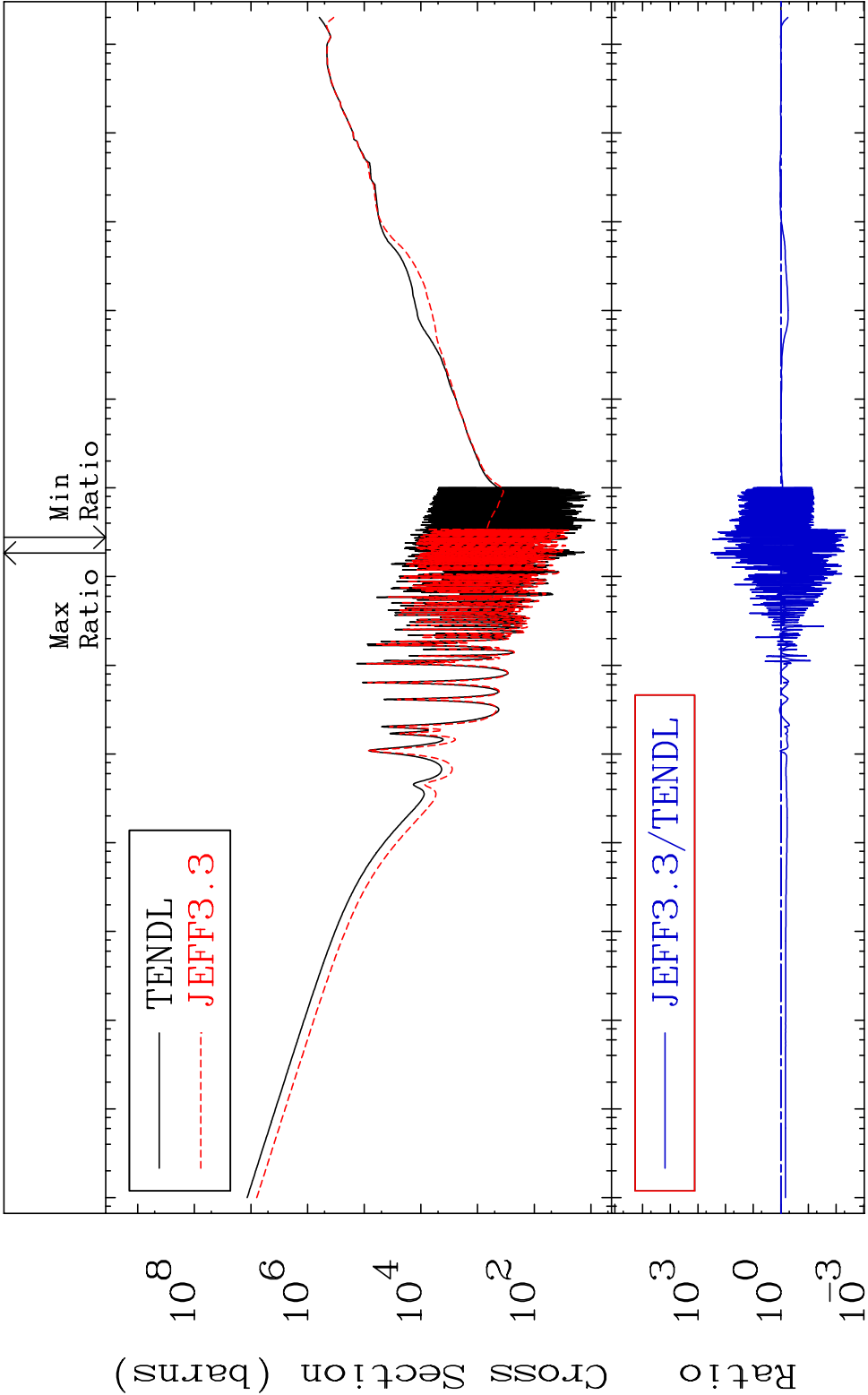
MAT 6246

Dpa total (eV-barns)

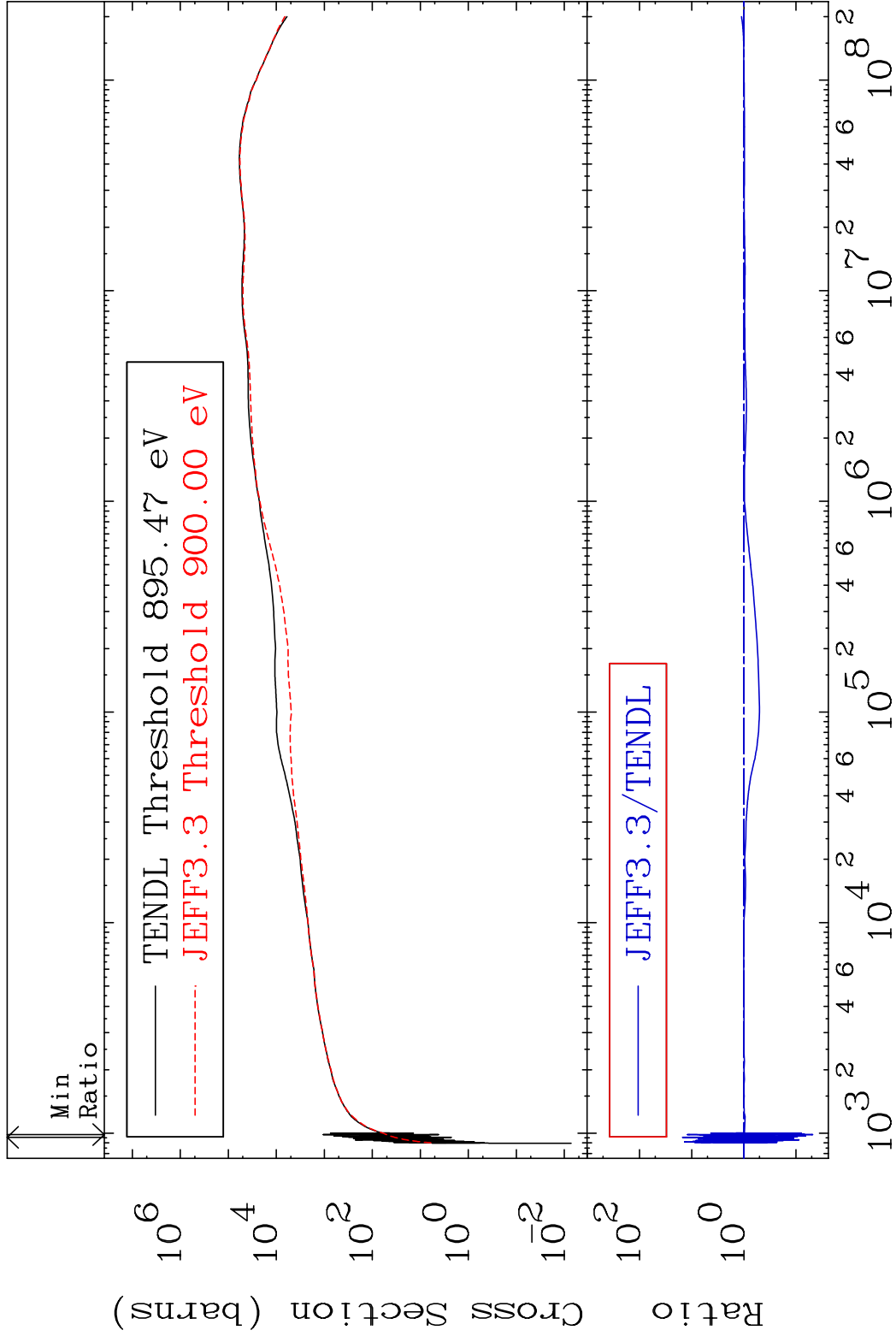
62-Sm-151

Cross Section

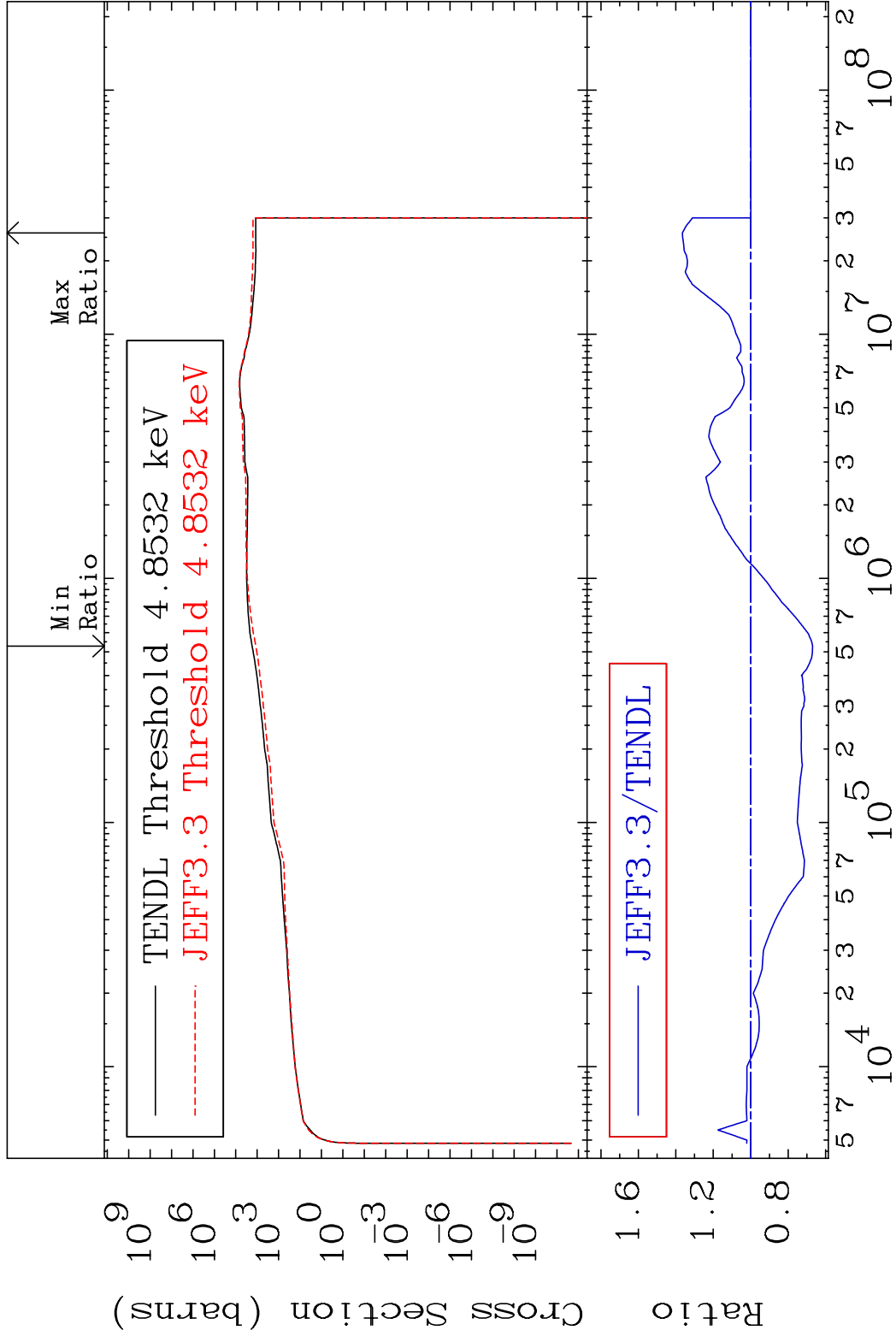
-99.62 To 9999. %



MAT 6246      Dpa elastic (mt2)      62-Sm-151  
Cross Section      -95.18 To 1410. %



65      Incident Energy (eV)      62-Sm-151



MAT 6246    Dpa disappearance (mt102 -120)    62-Sm-151  
Cross Section    -99.62 To 9999. %

