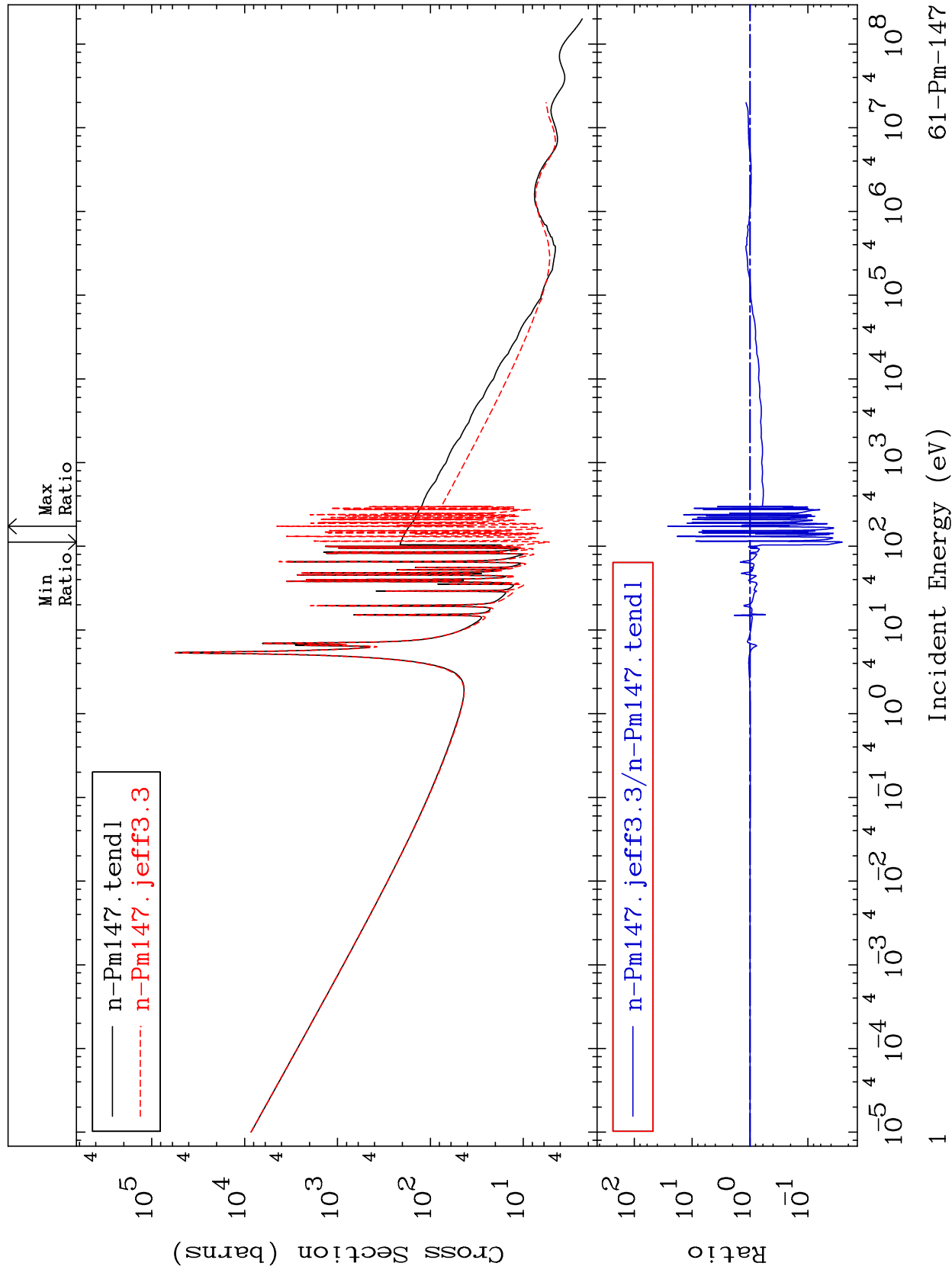


|               |                   |
|---------------|-------------------|
| Total         | 61-Pm-147         |
| Cross Section | -97.47 To 2546. % |



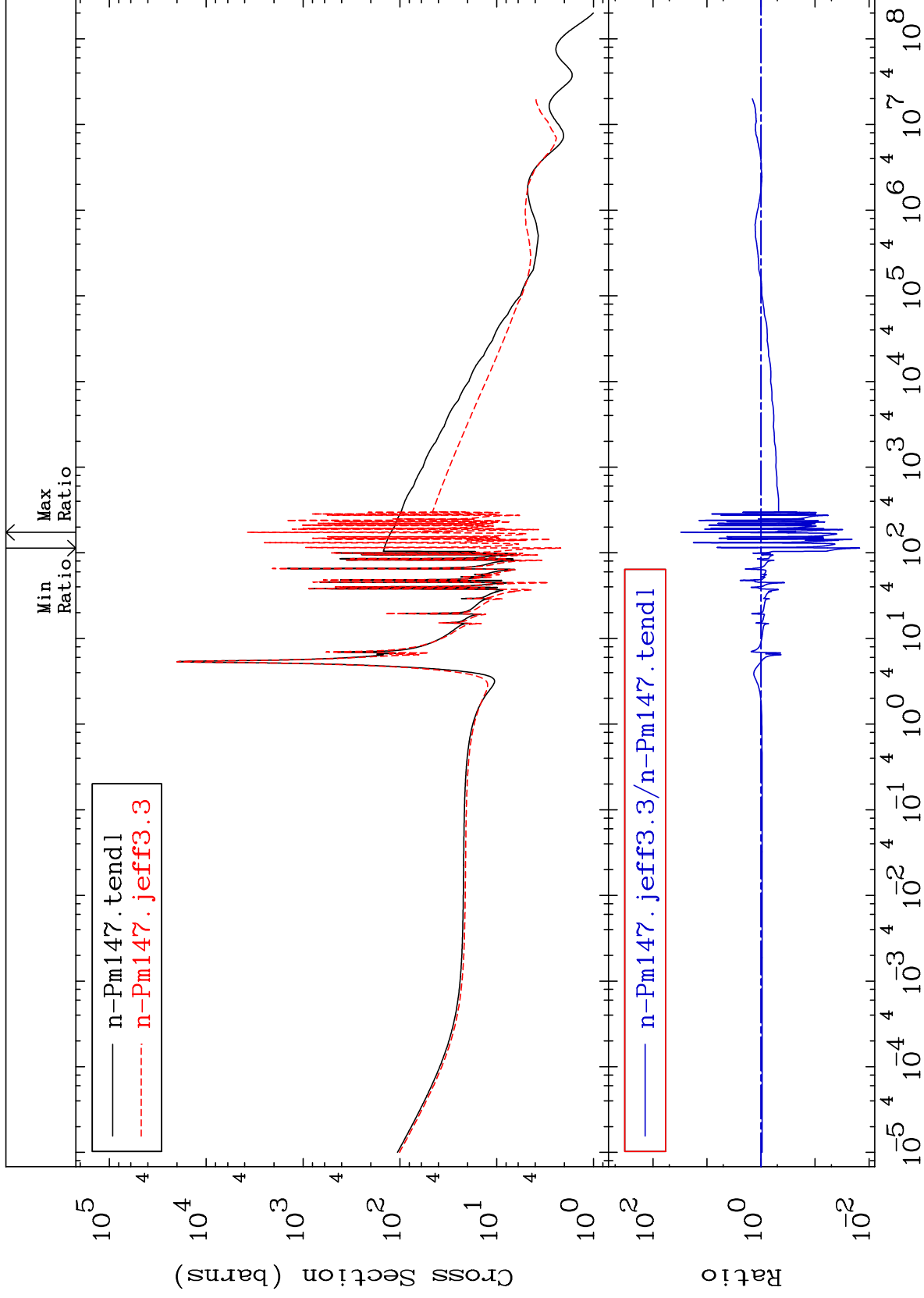
MAT 6149

Elastic

61-Pm-147

Cross Section

-98.50 To 2961. %

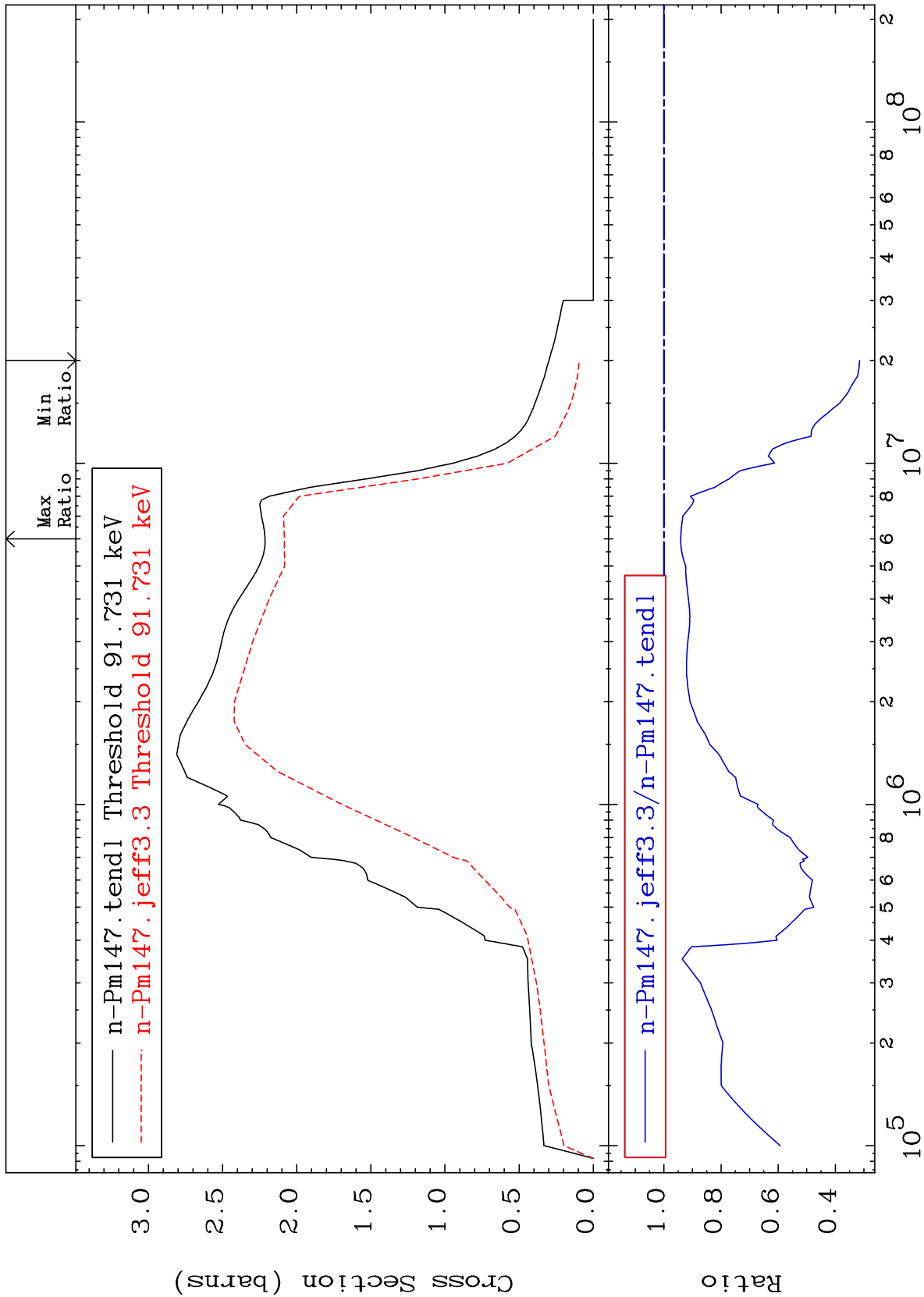


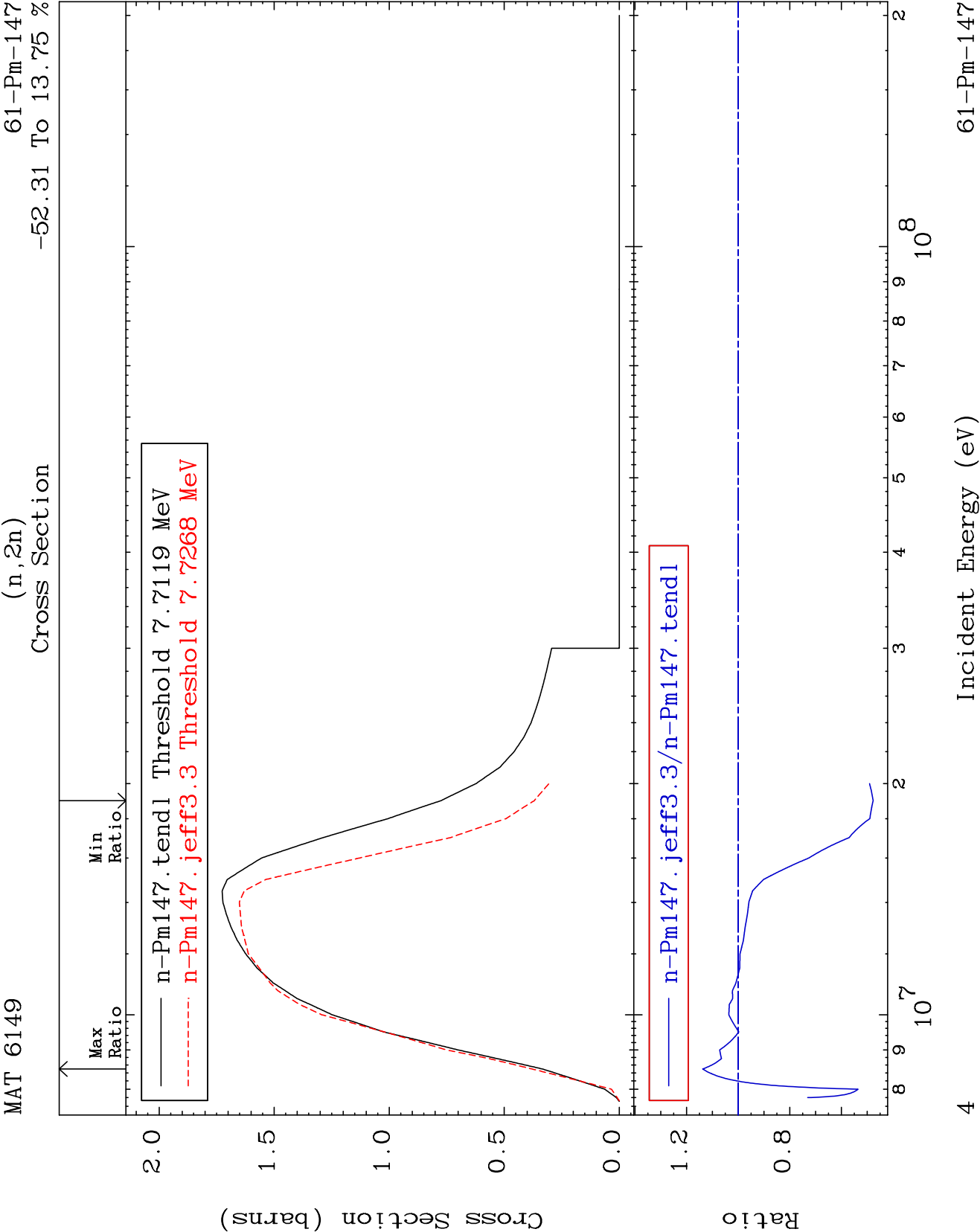
MAT 6149

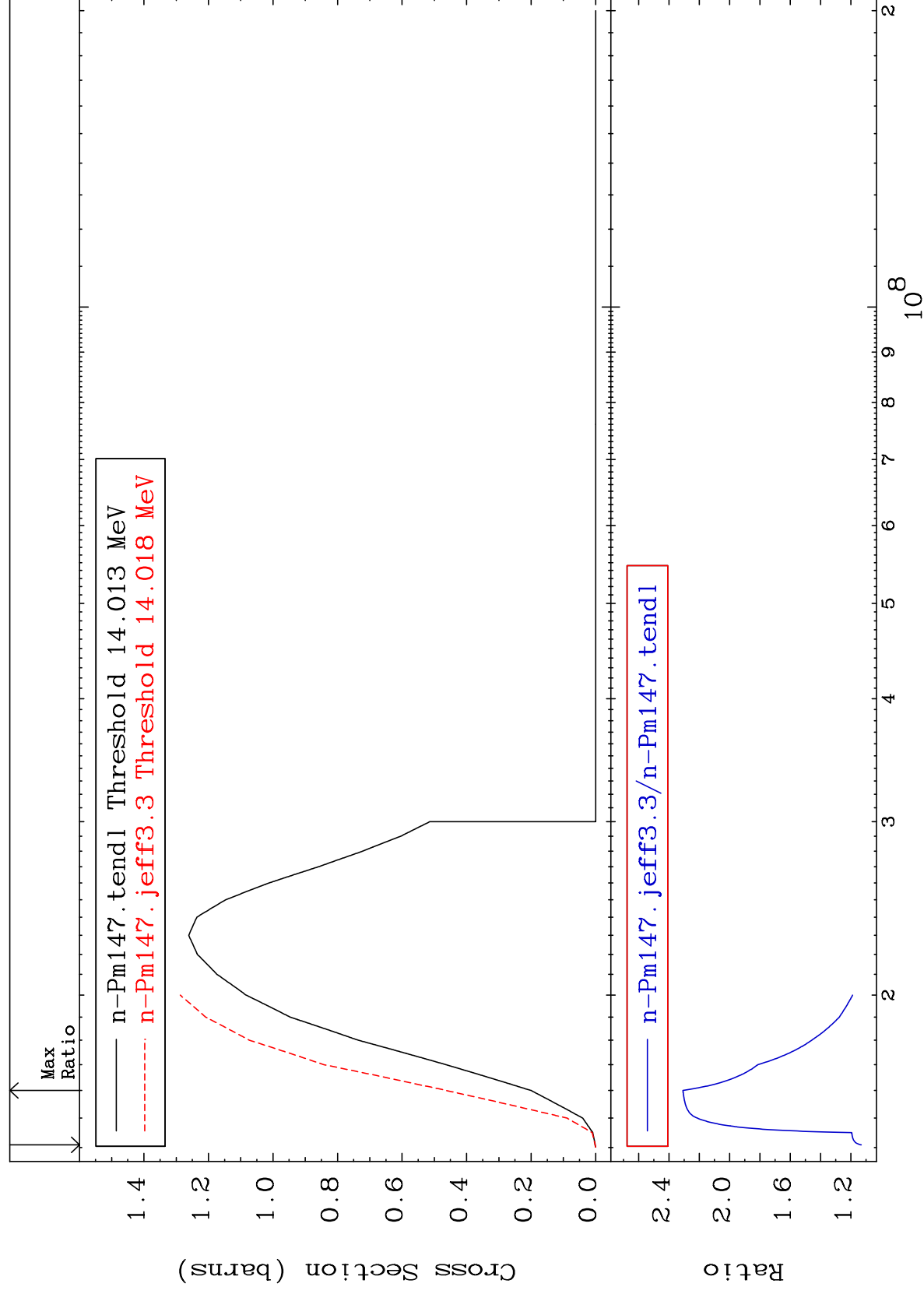
61-Pm-147

-68.48 To -5.911%

Inelastic  
Cross Section

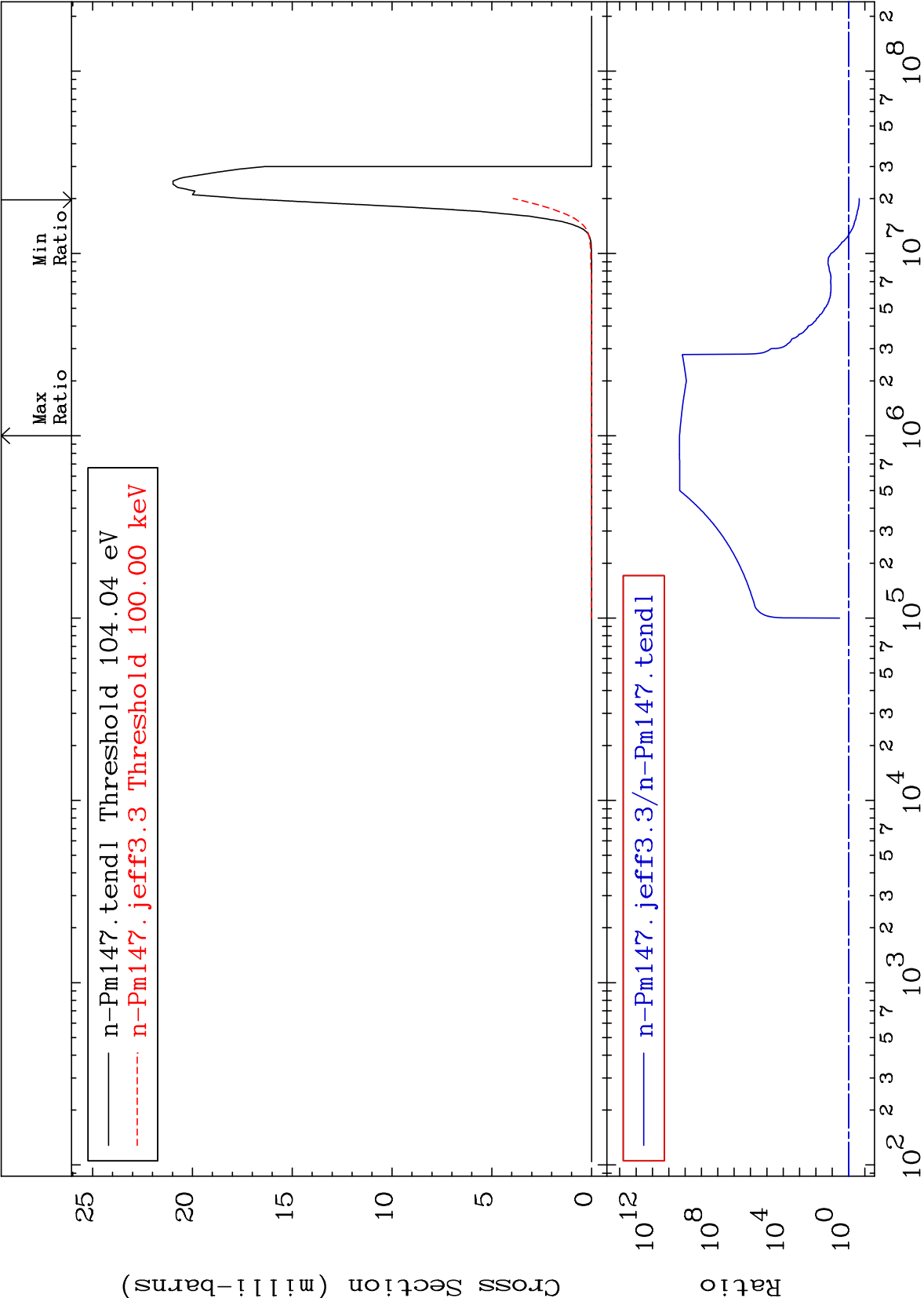






MAT 6149

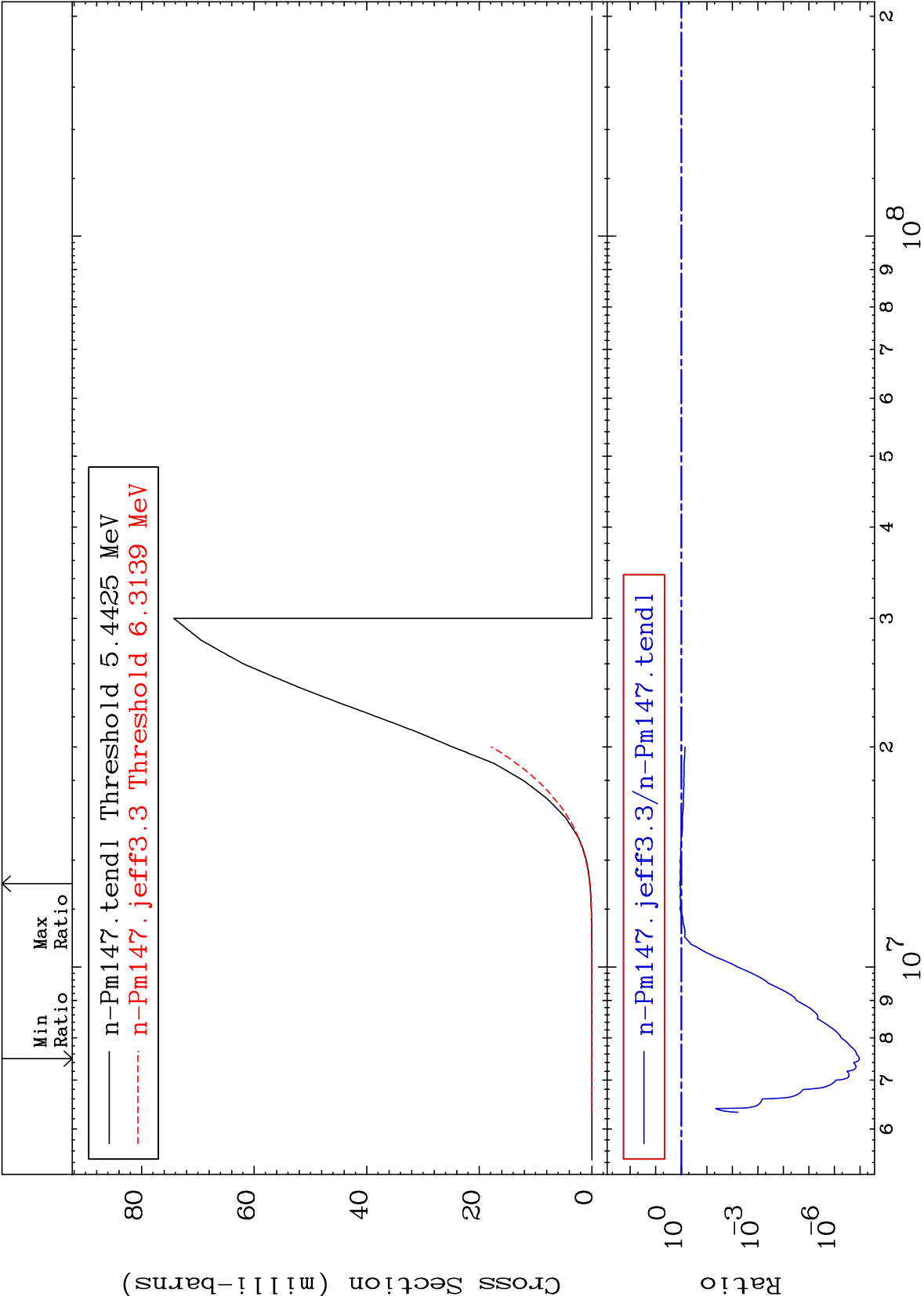
$(n, n') \alpha$   
Cross Section  
61-Pm-147  
-77.57 To 9999. %



MAT 6149

(n,n') p  
Cross Section

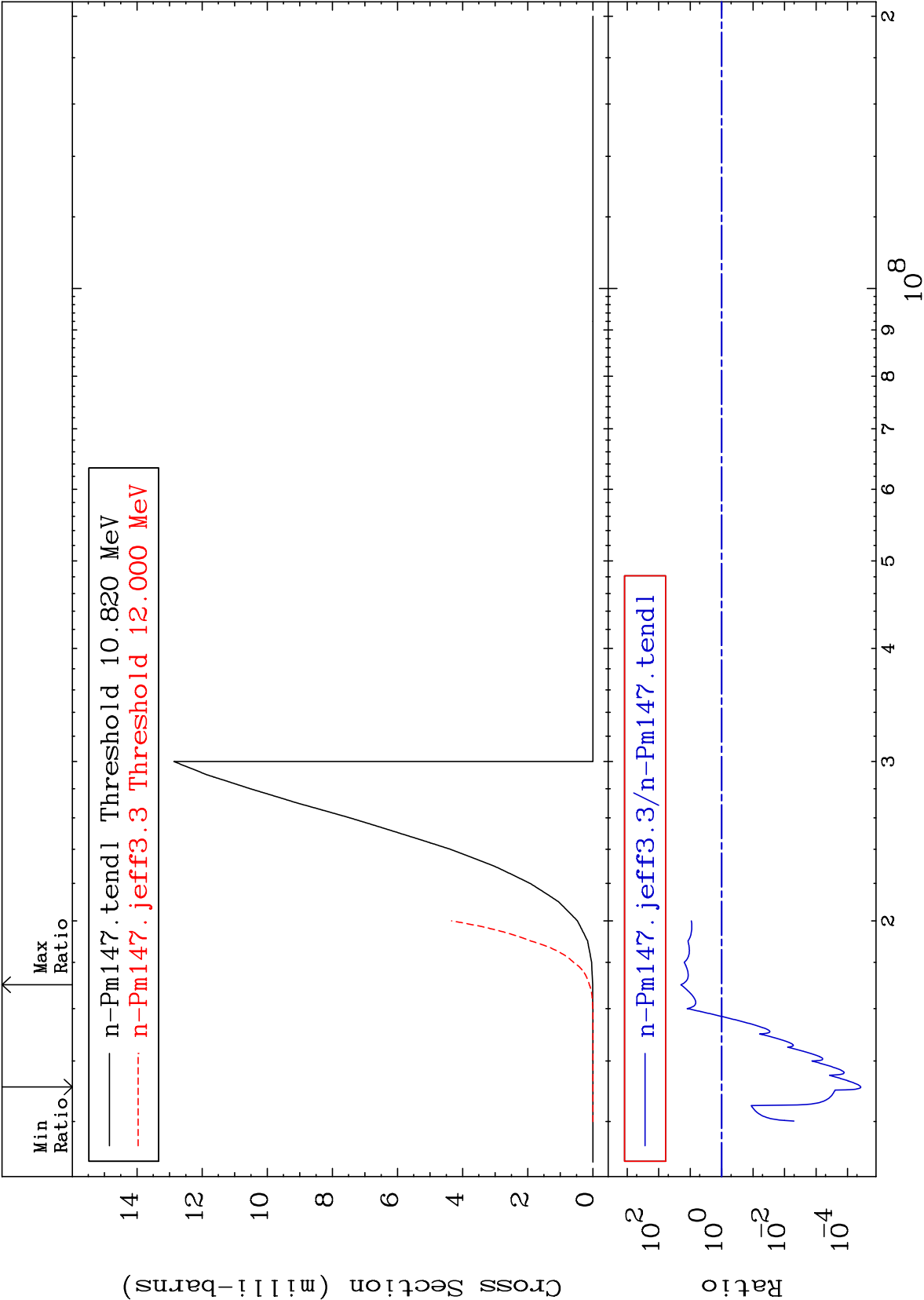
61-Pm-147  
-100.0 To 14.95 %



7

Incident Energy (eV)

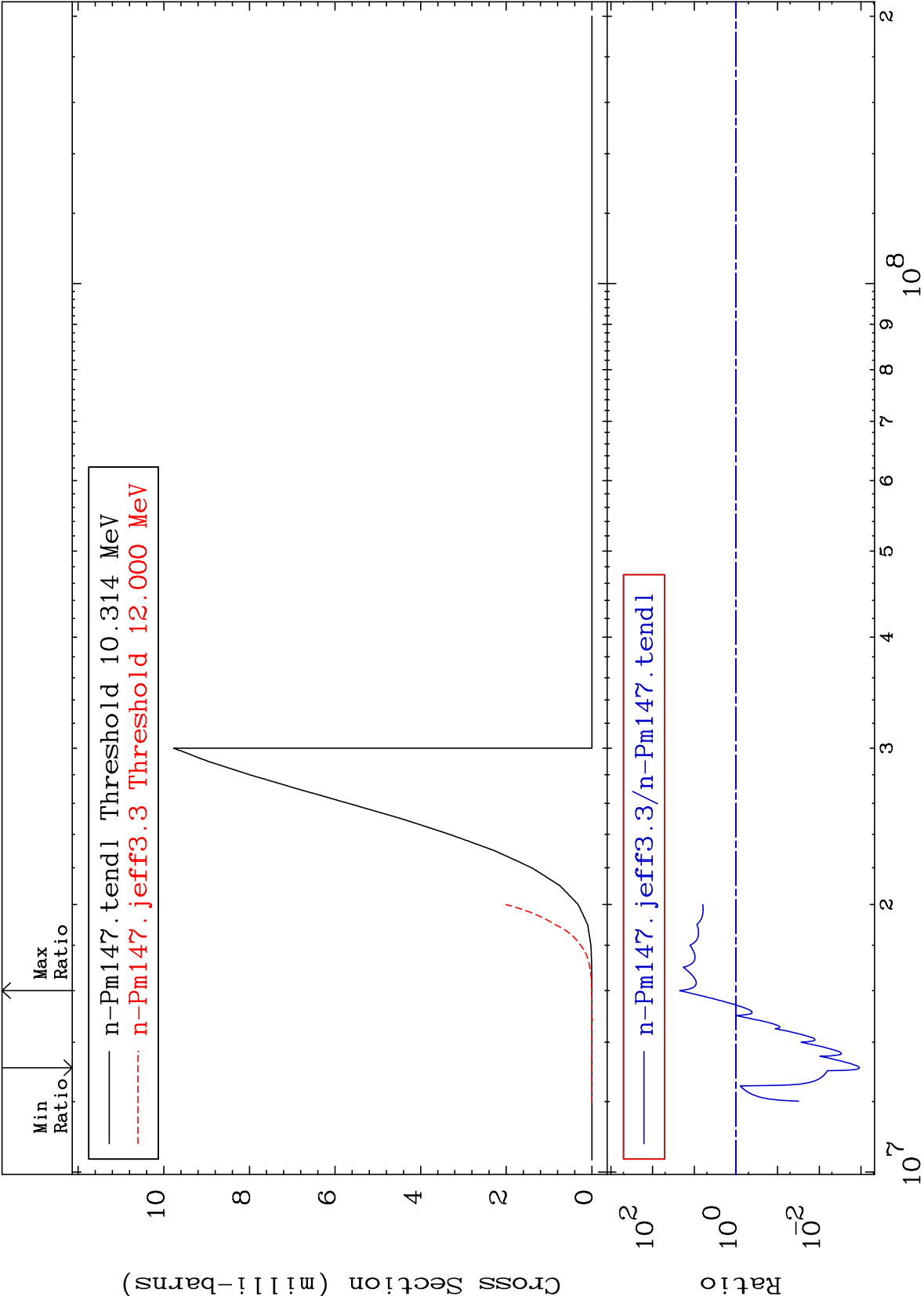
61-Pm-147



MAT 6149

(n,n') t  
Cross Section

61-Pm-147  
-99.89 To 2126. %



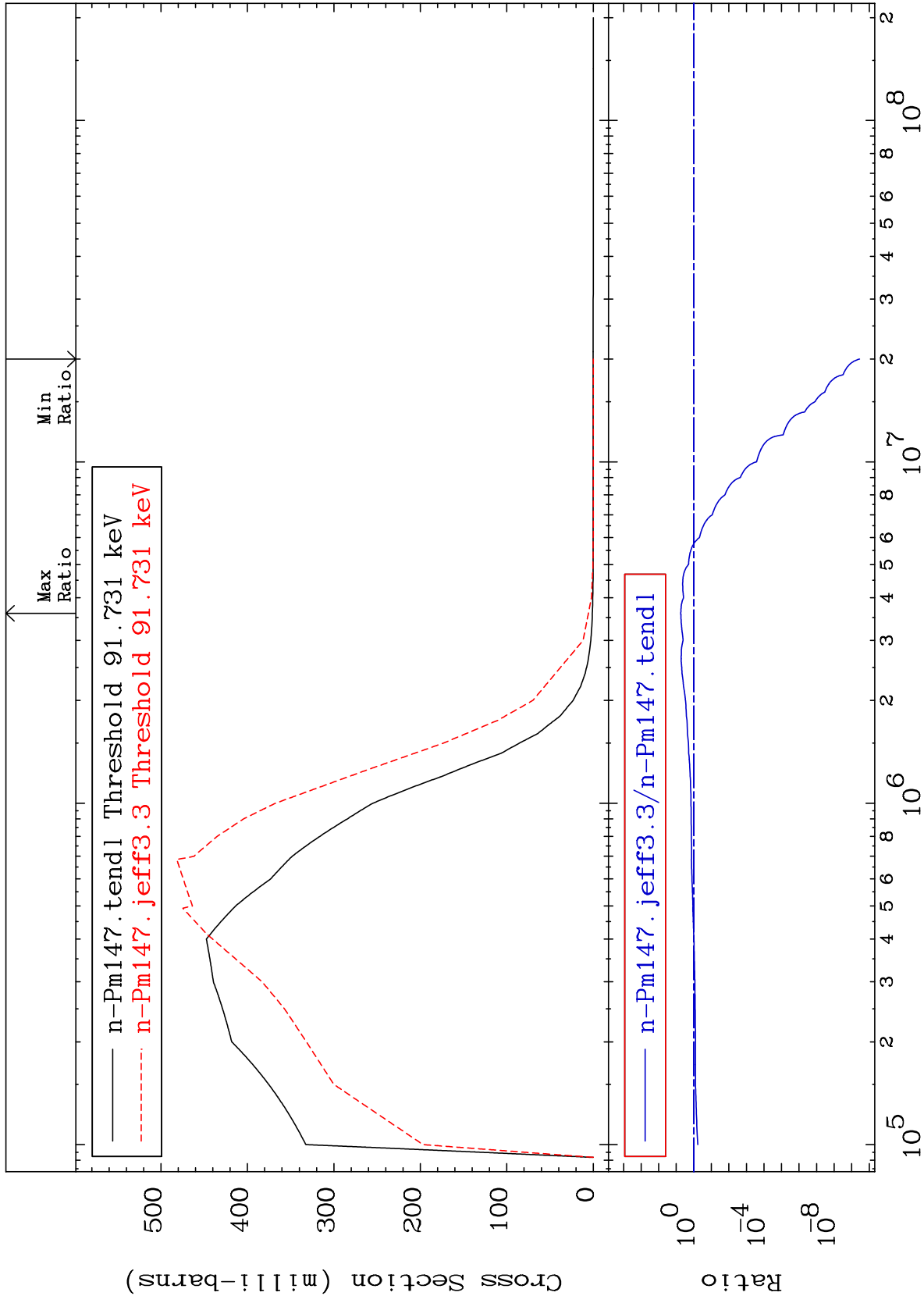
MAT 6149

MT= 51 (n,n') Level

61-Pm-147

Cross Section

-100.0 To 451.8 %



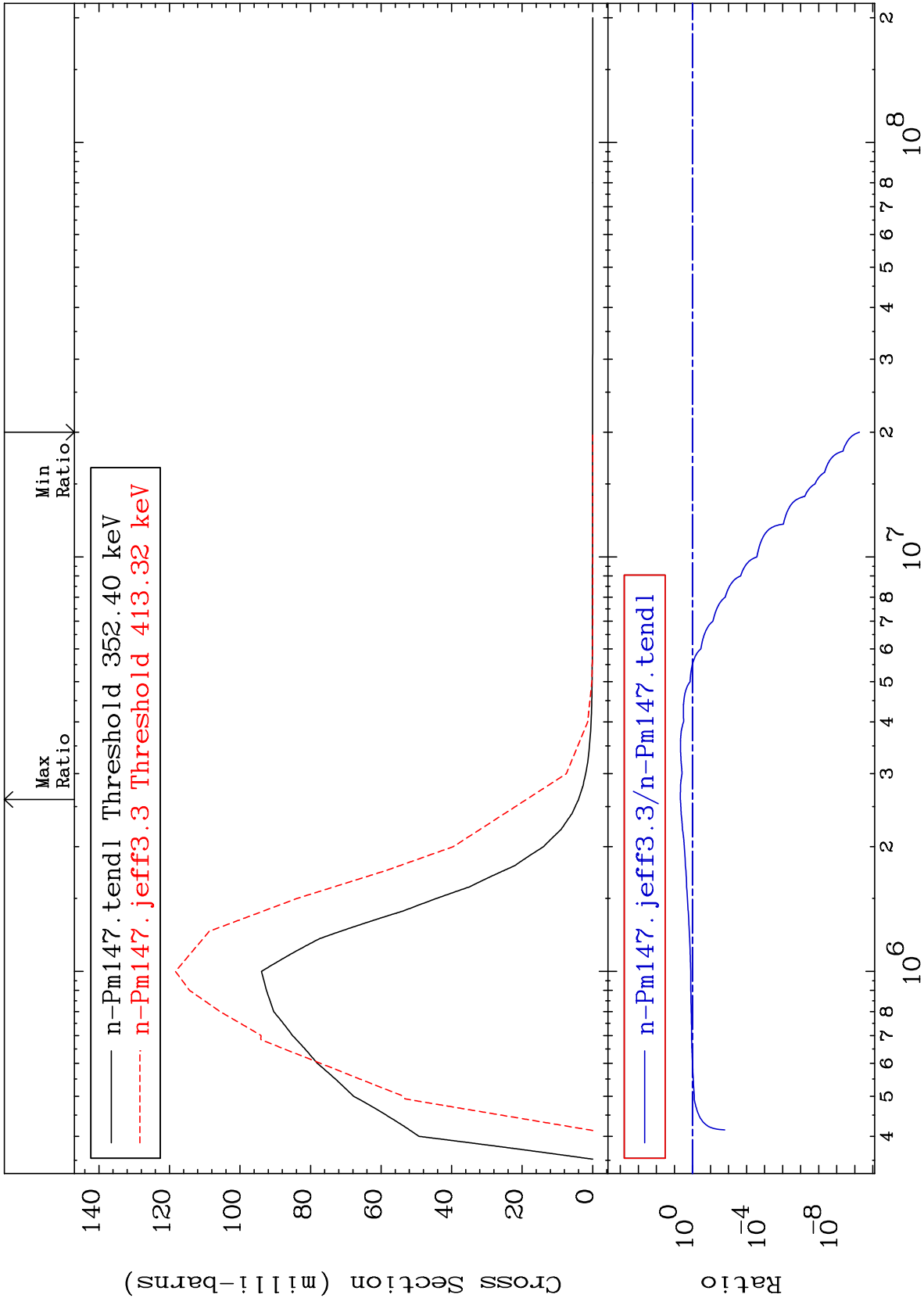
MAT 6149

MT= 52 (n,n') Level

61-Pm-147

-100.0 To 368.9 %

Cross Section



11

Incident Energy (eV)

61-Pm-147

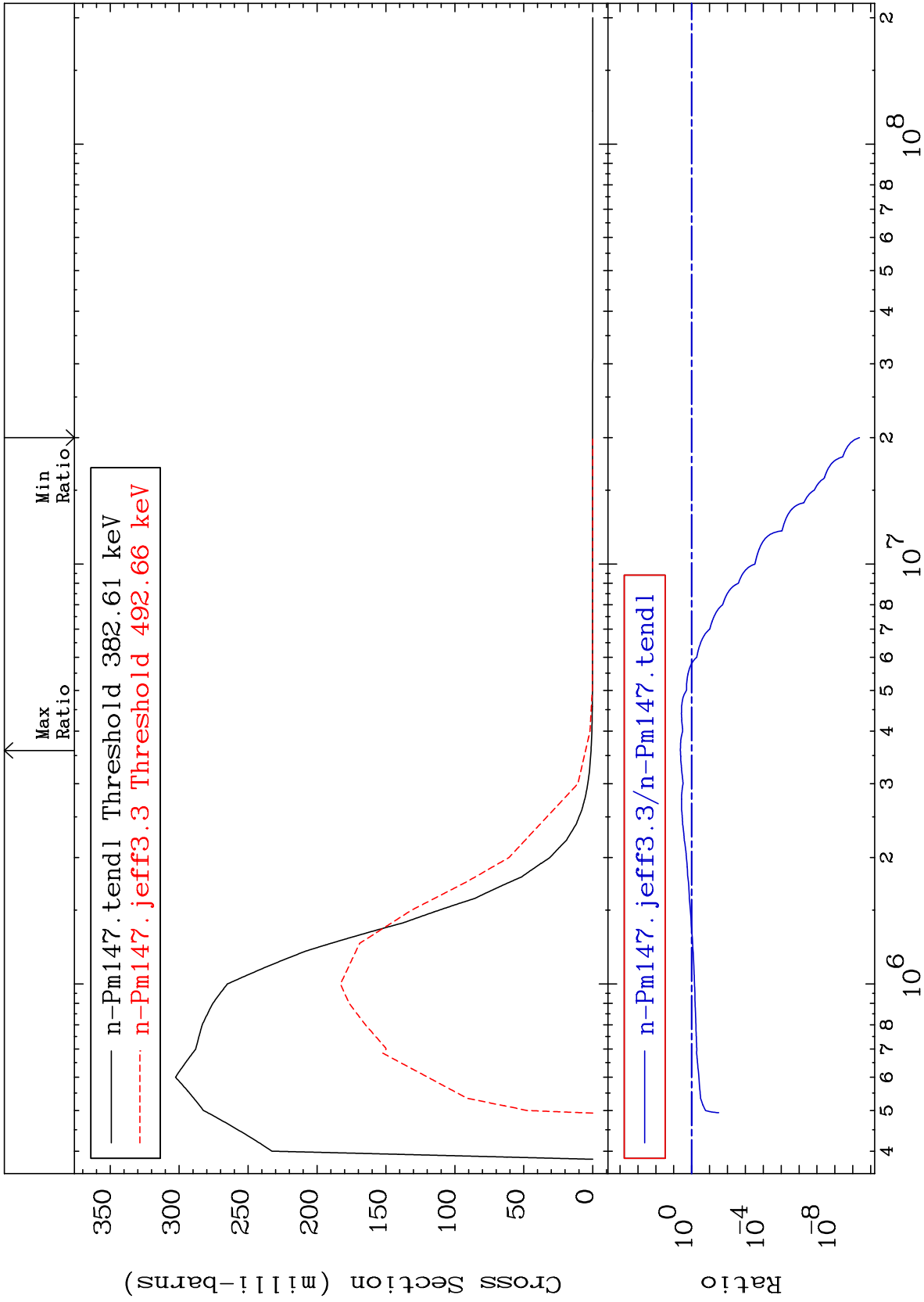
MAT 6149

MT= 53 (n,n') Level

61-Pm-147

-100.0 To 326.7 %

Cross Section



12

Incident Energy (eV)

61-Pm-147

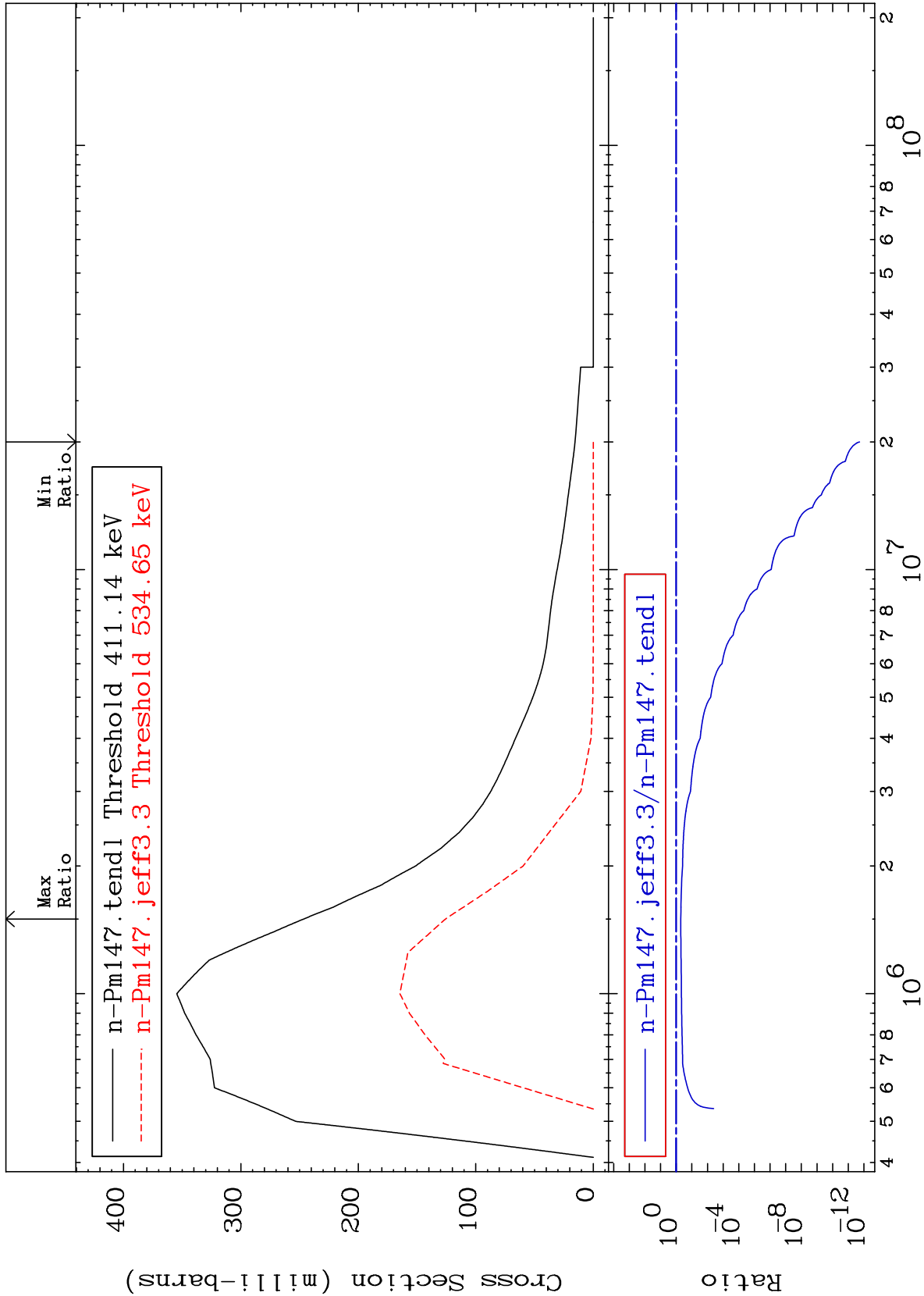
MAT 6149

MT= 54 (n,n') Level

61-Pm-147

Cross Section

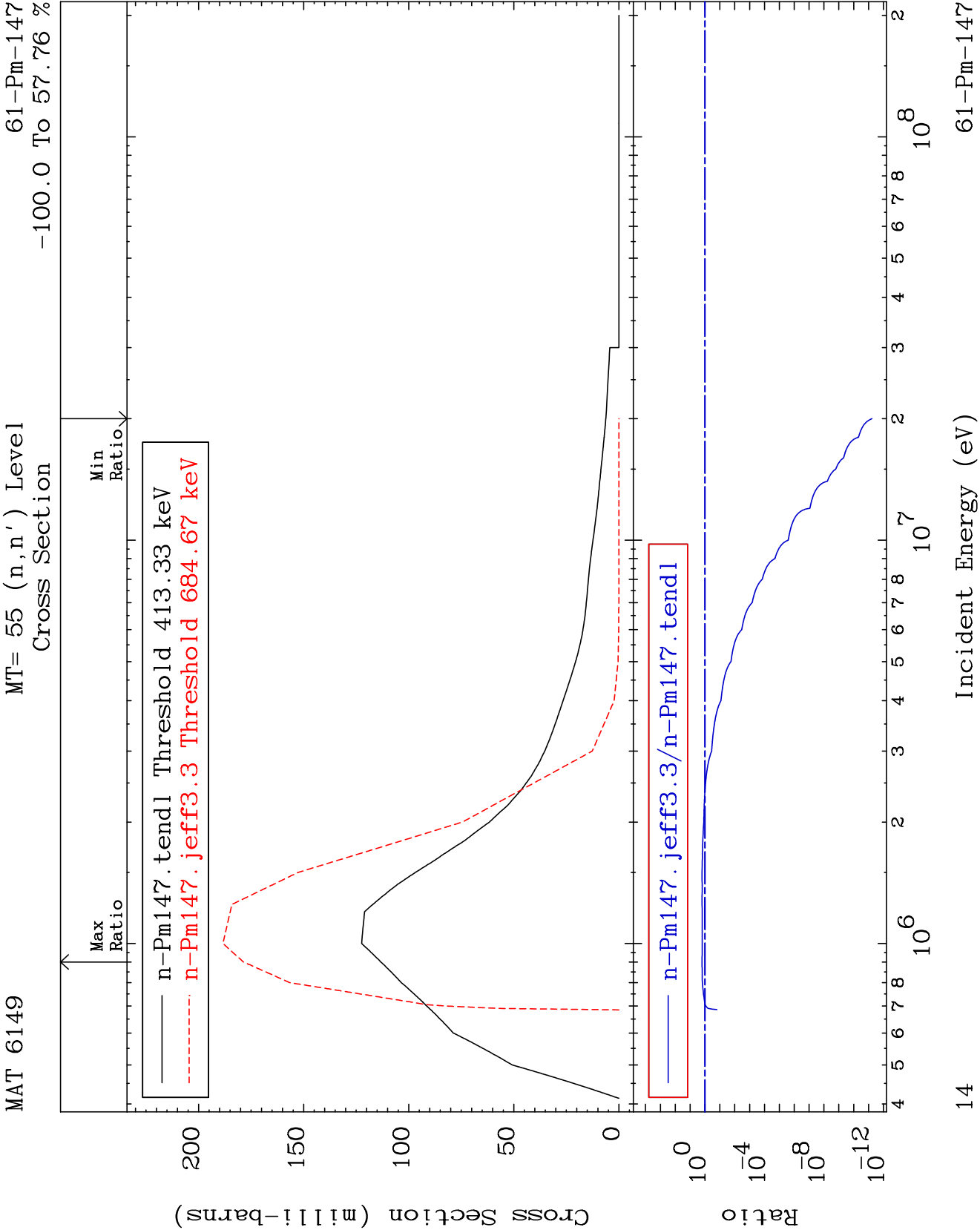
-100.0 To -48.97%



13

Incident Energy (eV)

61-Pm-147



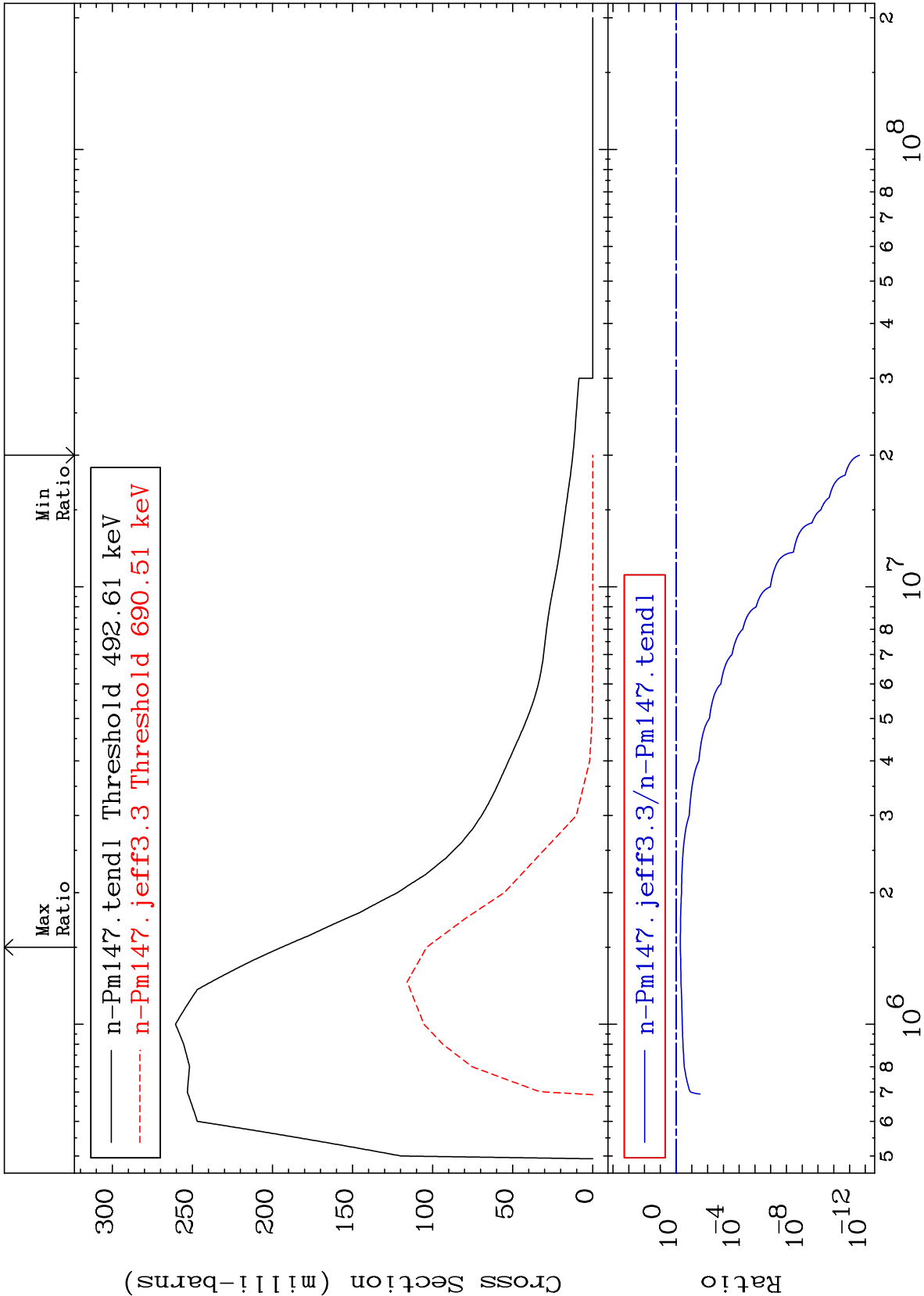
MAT 6149

MT= 56 (n,n') Level

61-Pm-147

-100.0 To -46.63%

Cross Section



15

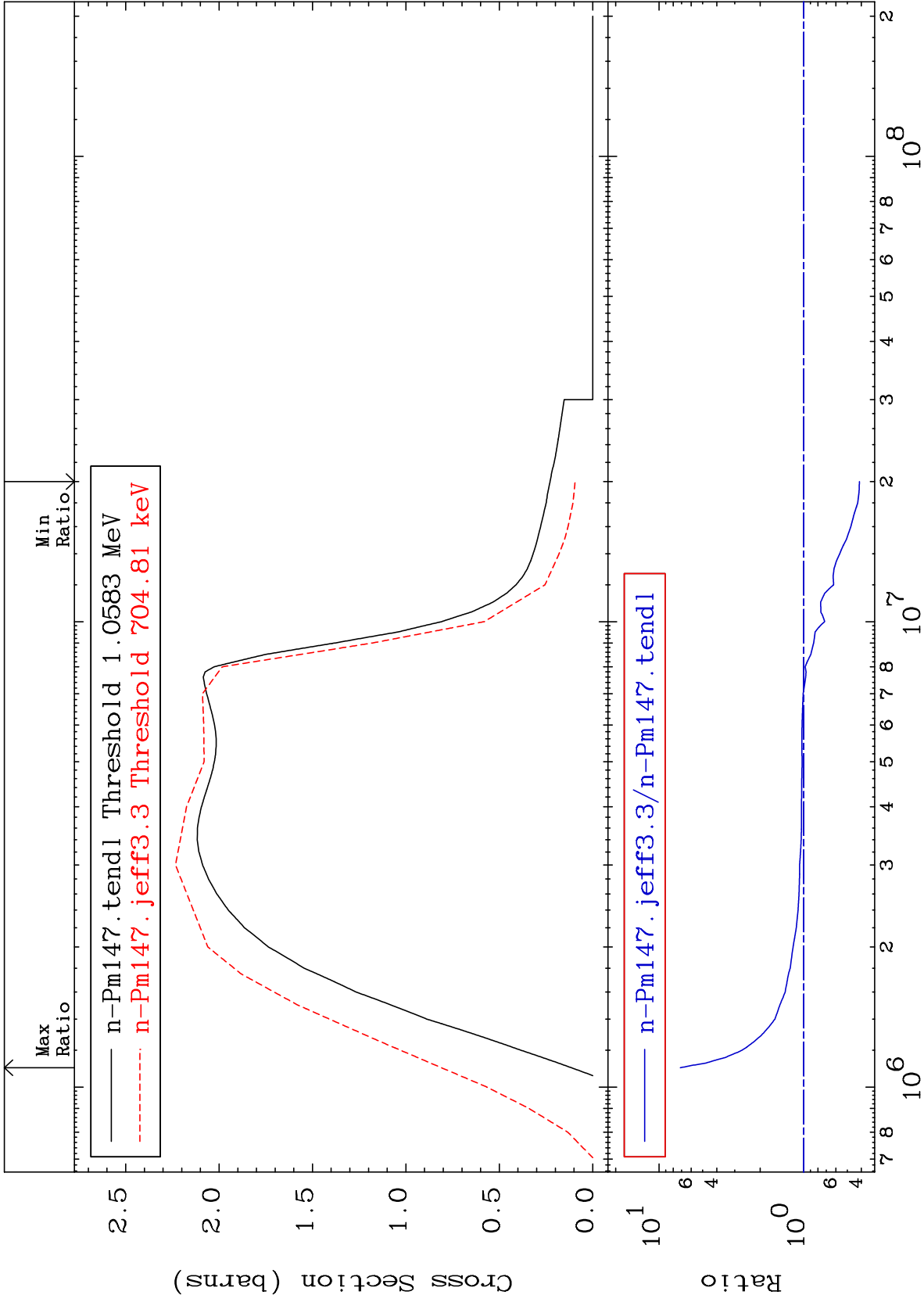
Incident Energy (eV)

61-Pm-147

MAT 6149

(n,n') Continuum  
Cross Section

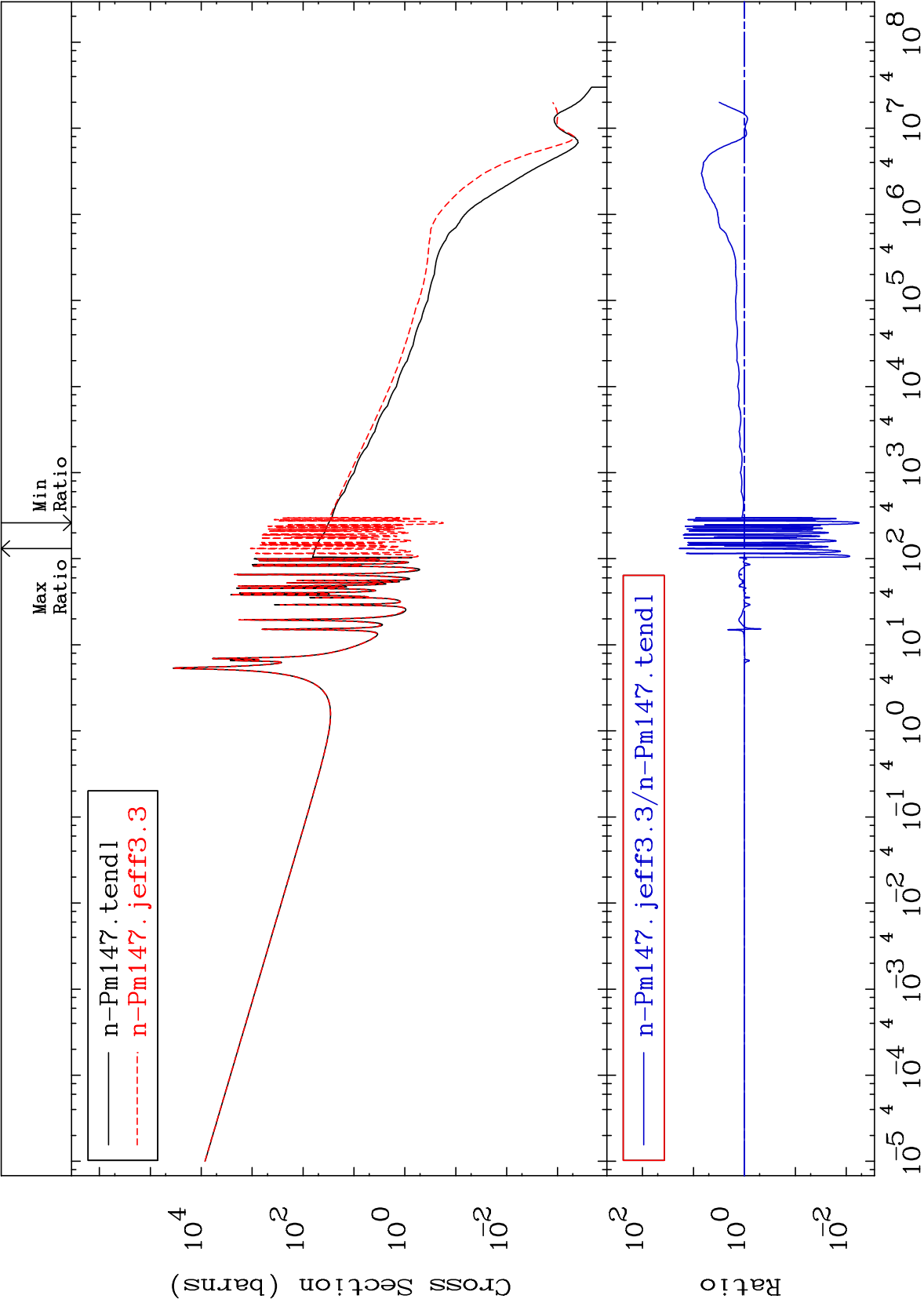
61-Pm-147  
-58.73 To 613.3 %

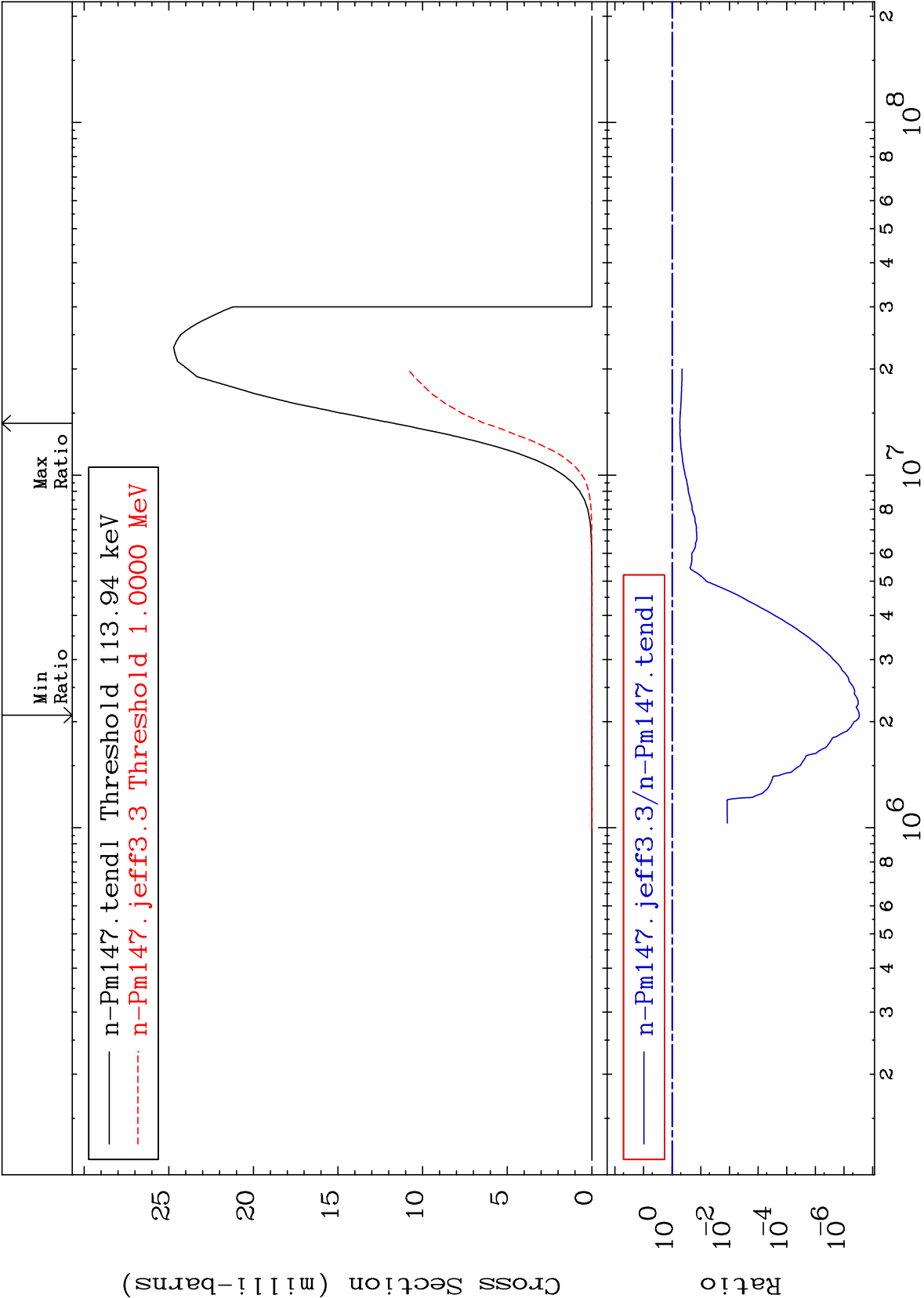


16

Incident Energy (eV)

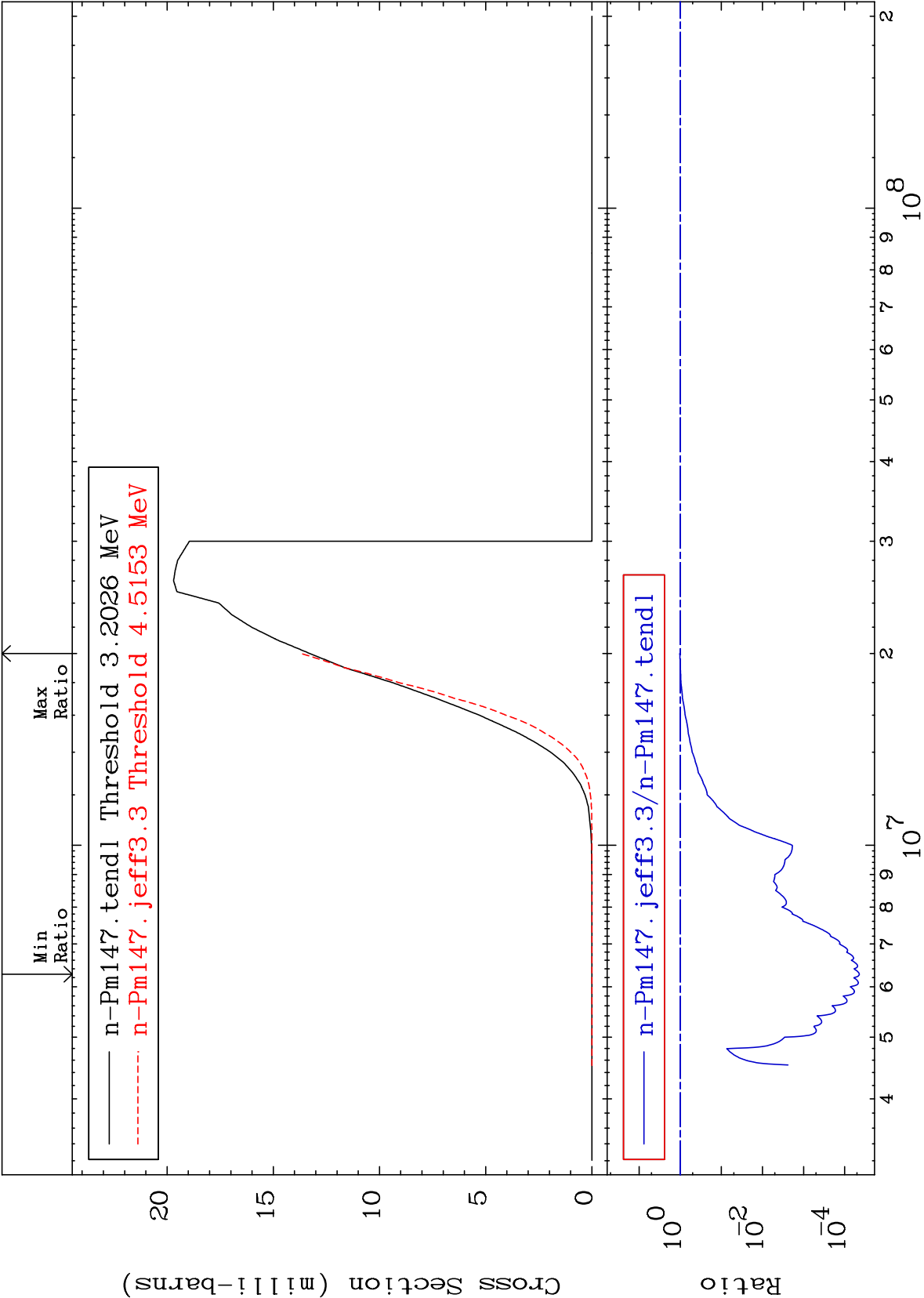
61-Pm-147

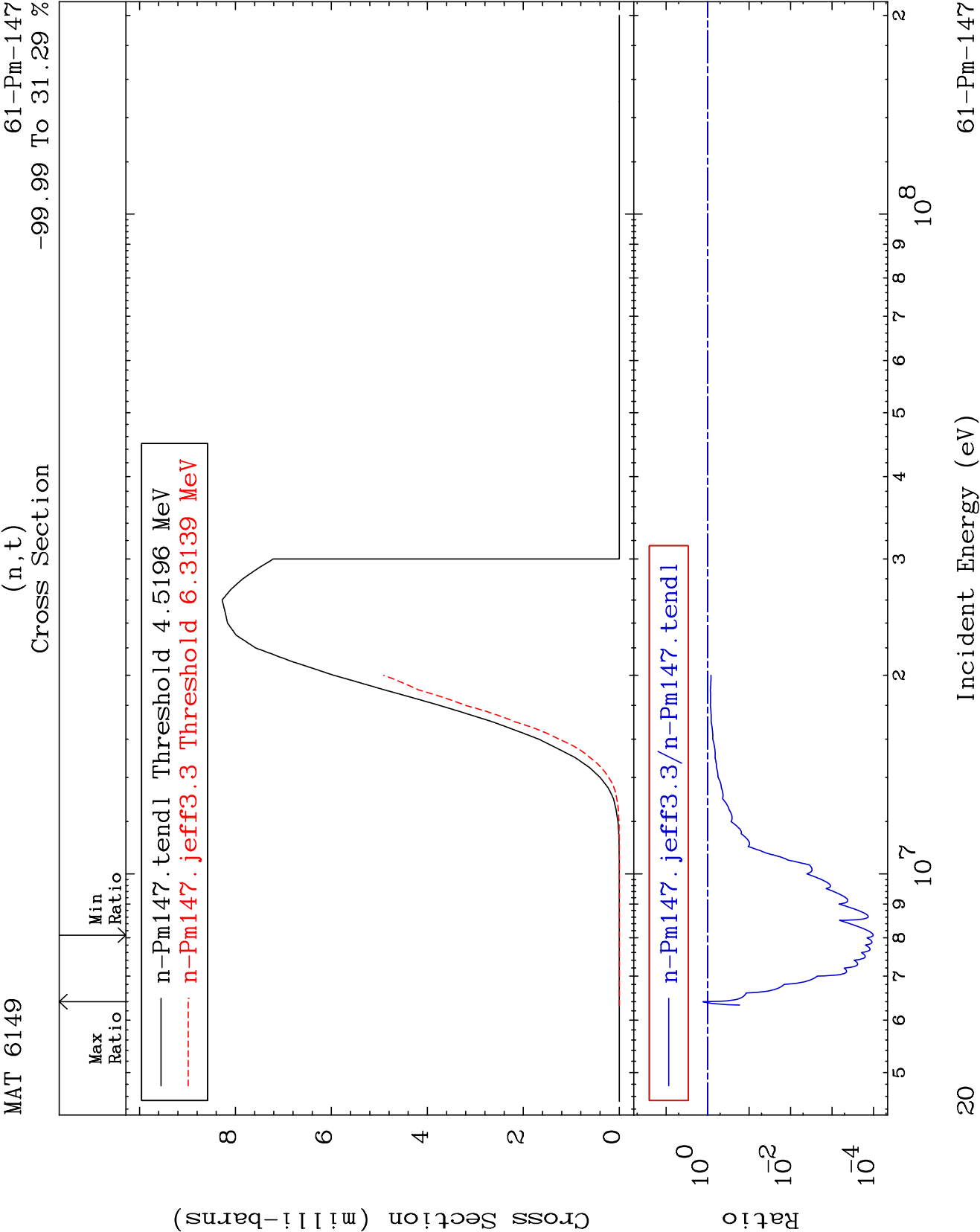




MAT 6149

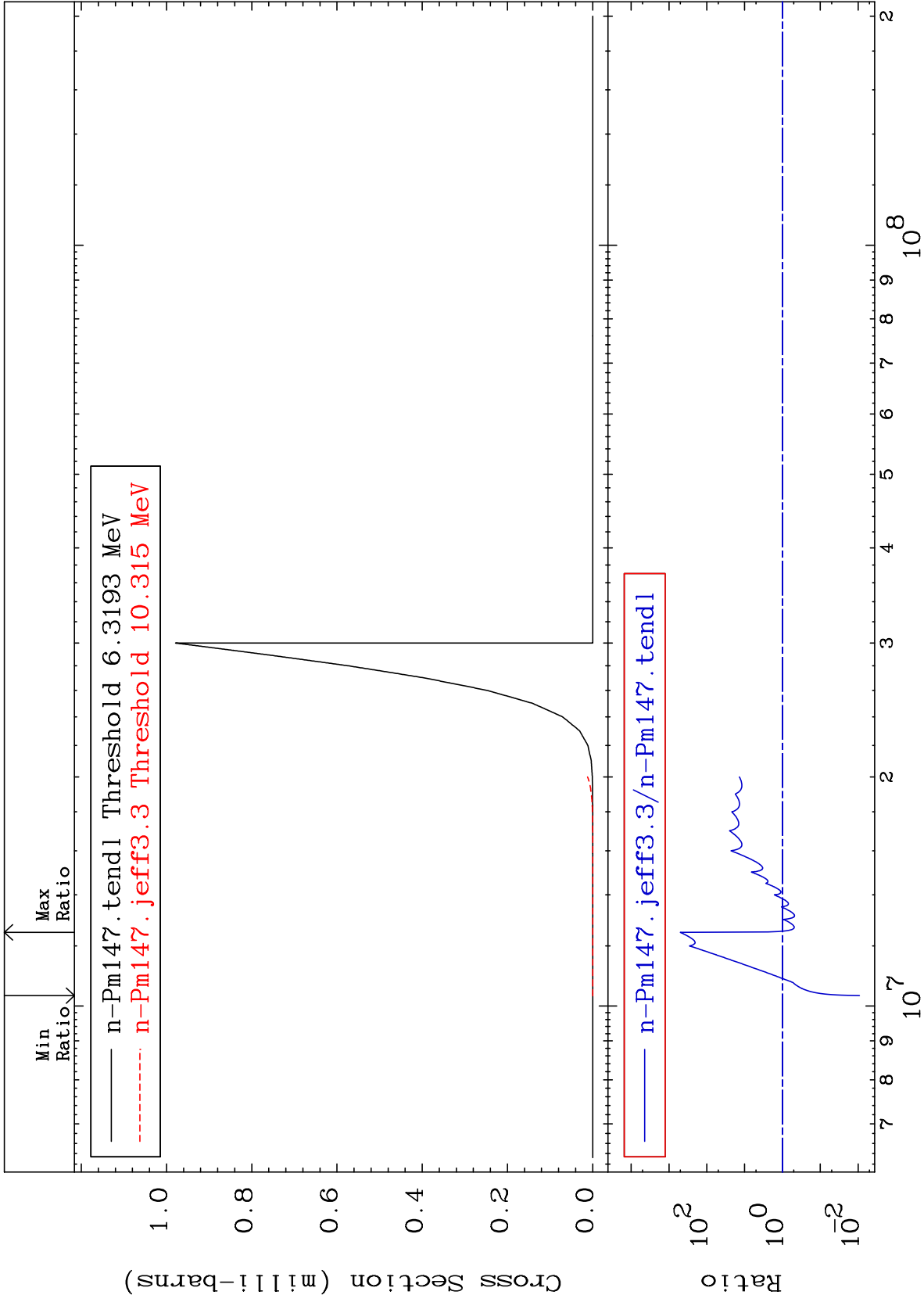
(n,d)  
Cross Section  
61-Pm-147  
-100.0 To 3.136 %





Cross Section

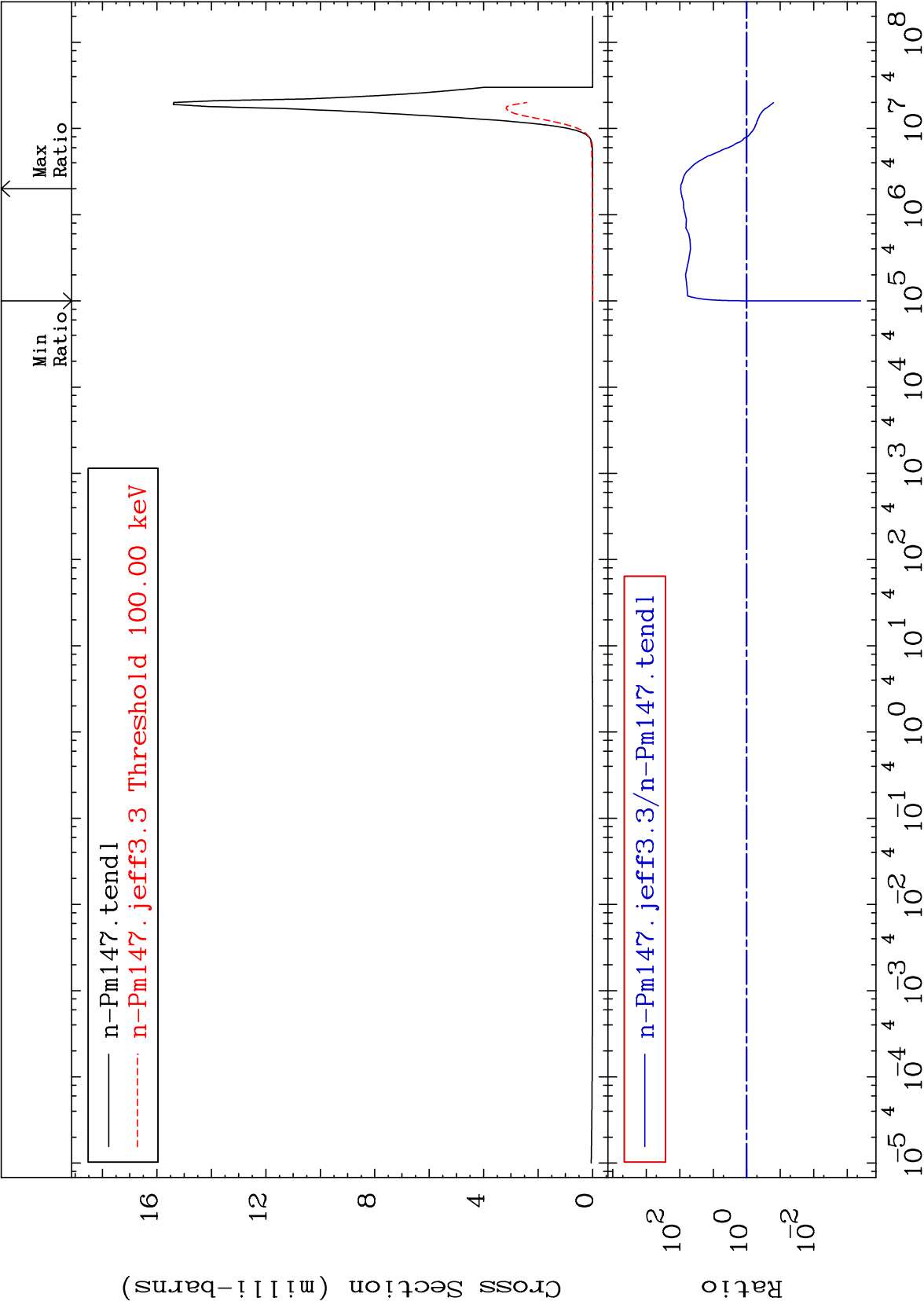
-99.08 To 9999. %

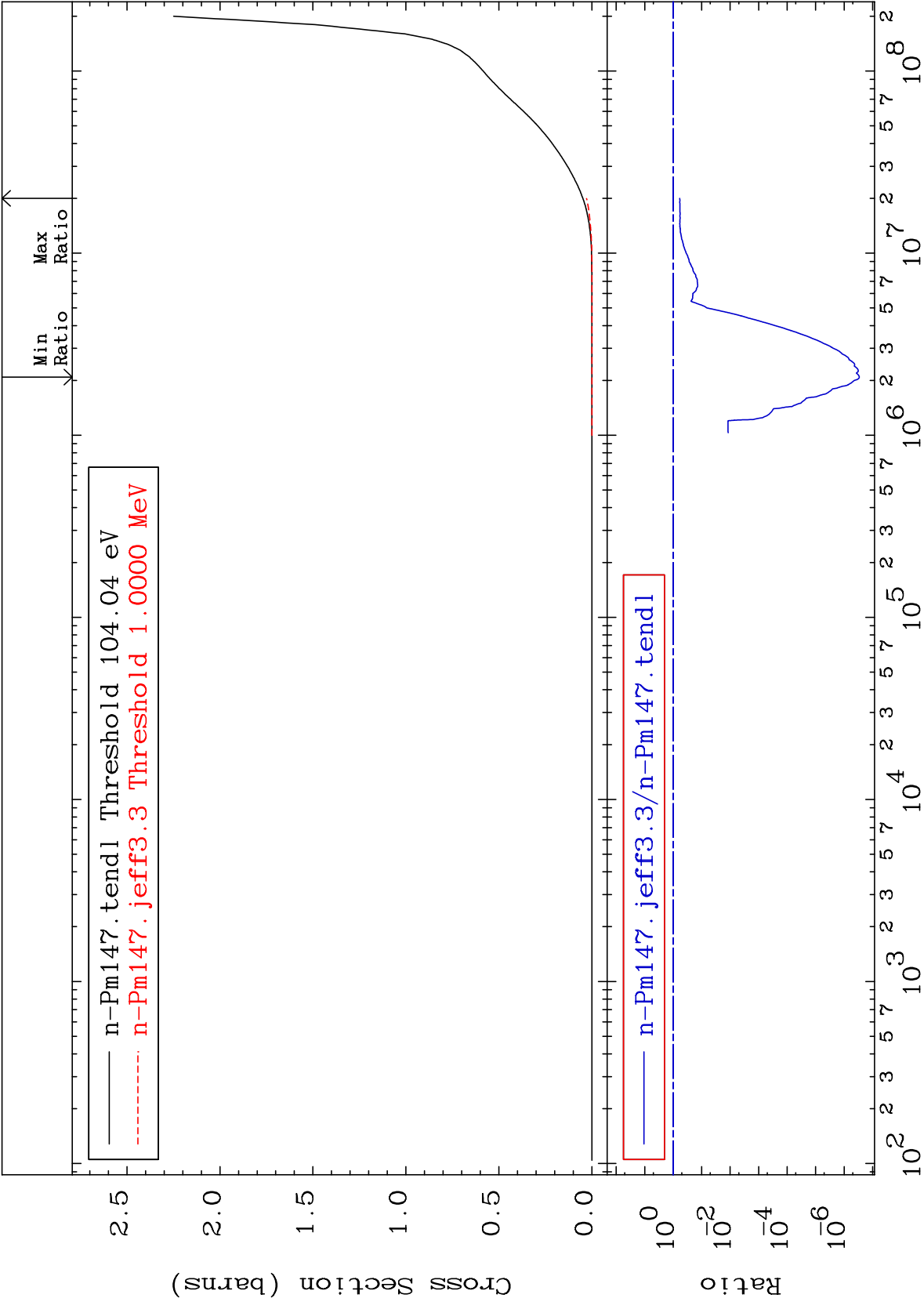


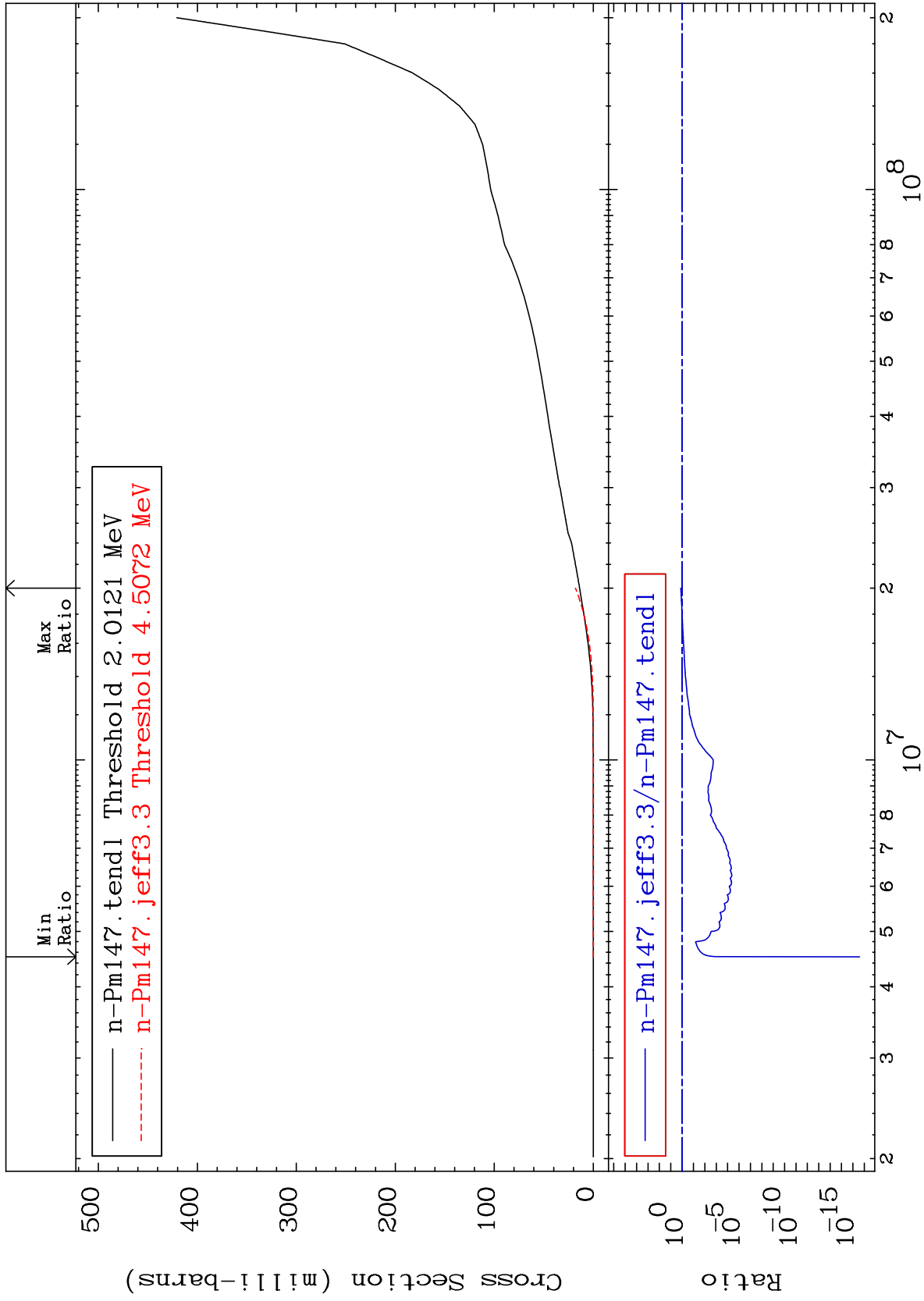
MAT 6149

(n,  $\alpha$ )  
Cross Section

61-Pm-147  
-99.96 To 9261. %



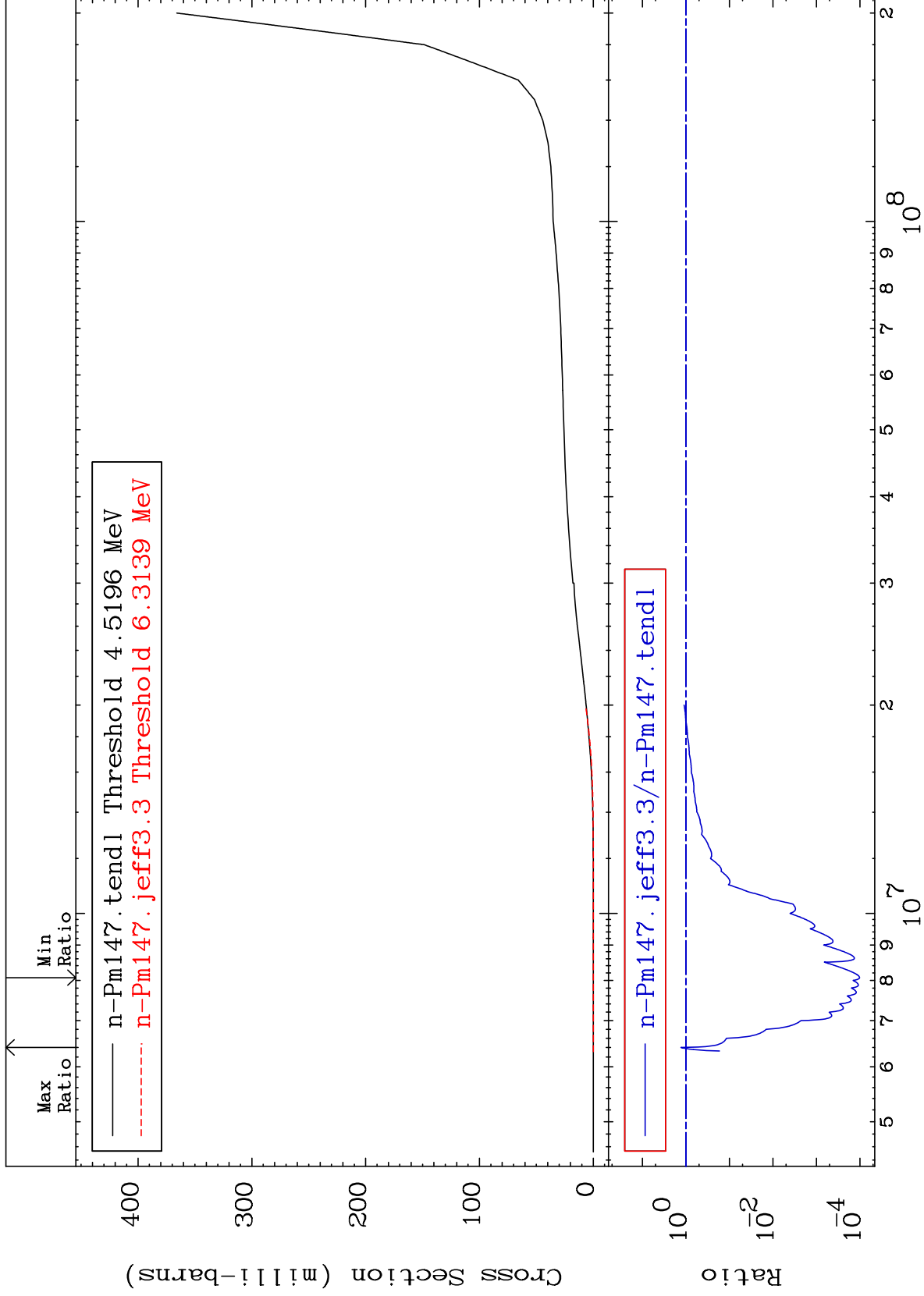


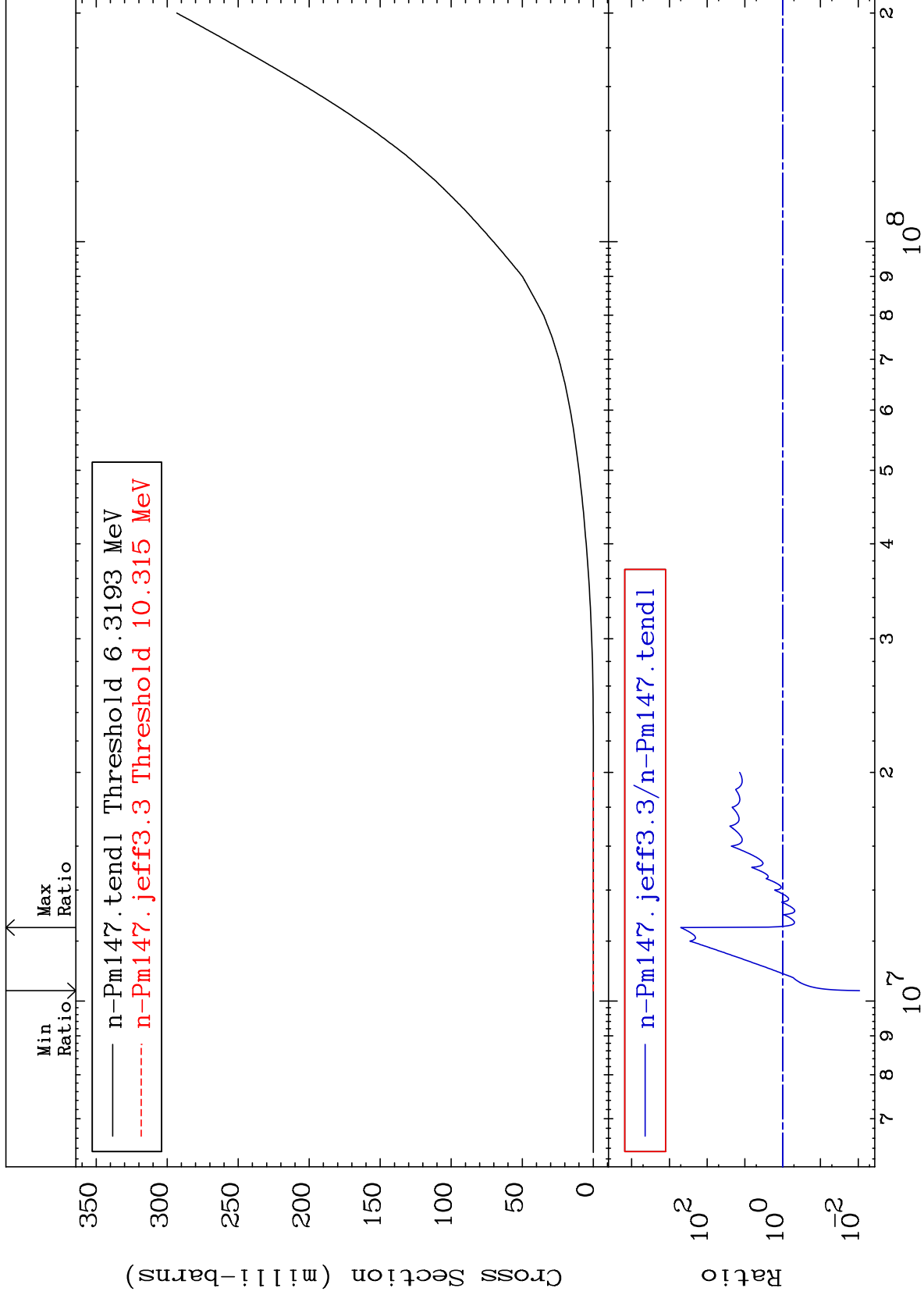


MAT 6149

Tritium Production  
Cross Section

61-Pm-147  
-99.99 To 31.29 %

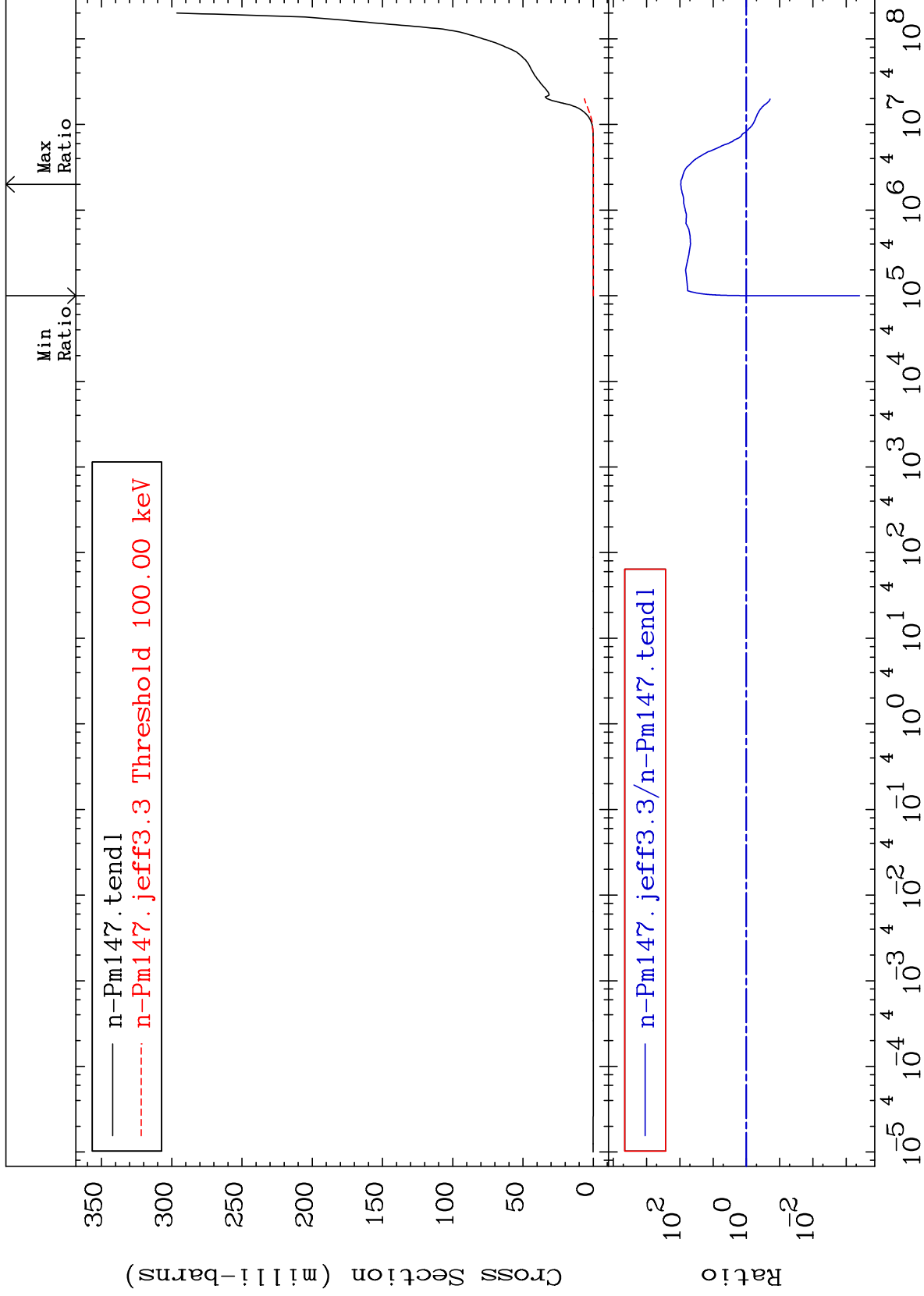




MAT 6149

He-4 Production  
Cross Section

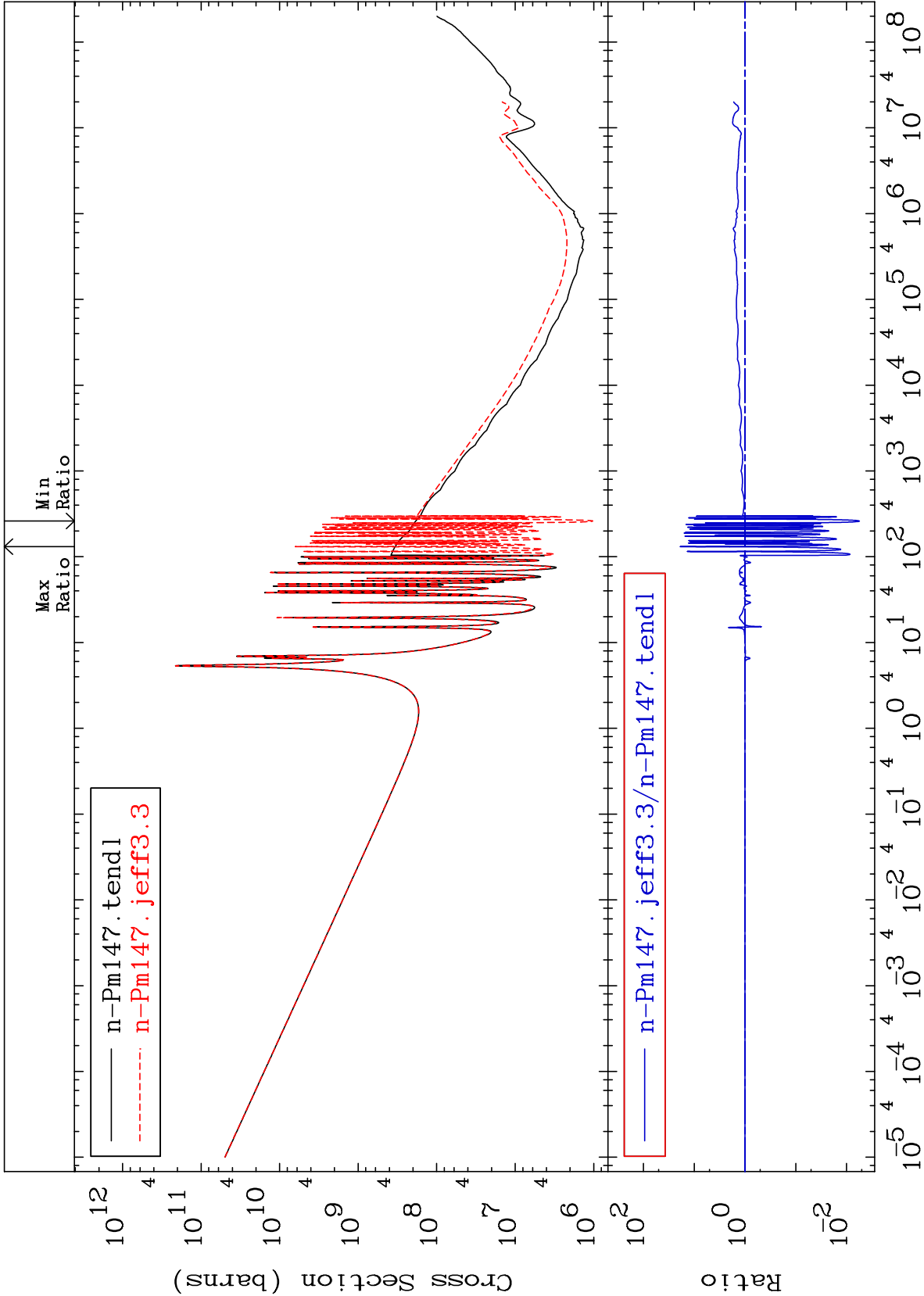
61-Pm-147  
-99.96 To 9261. %

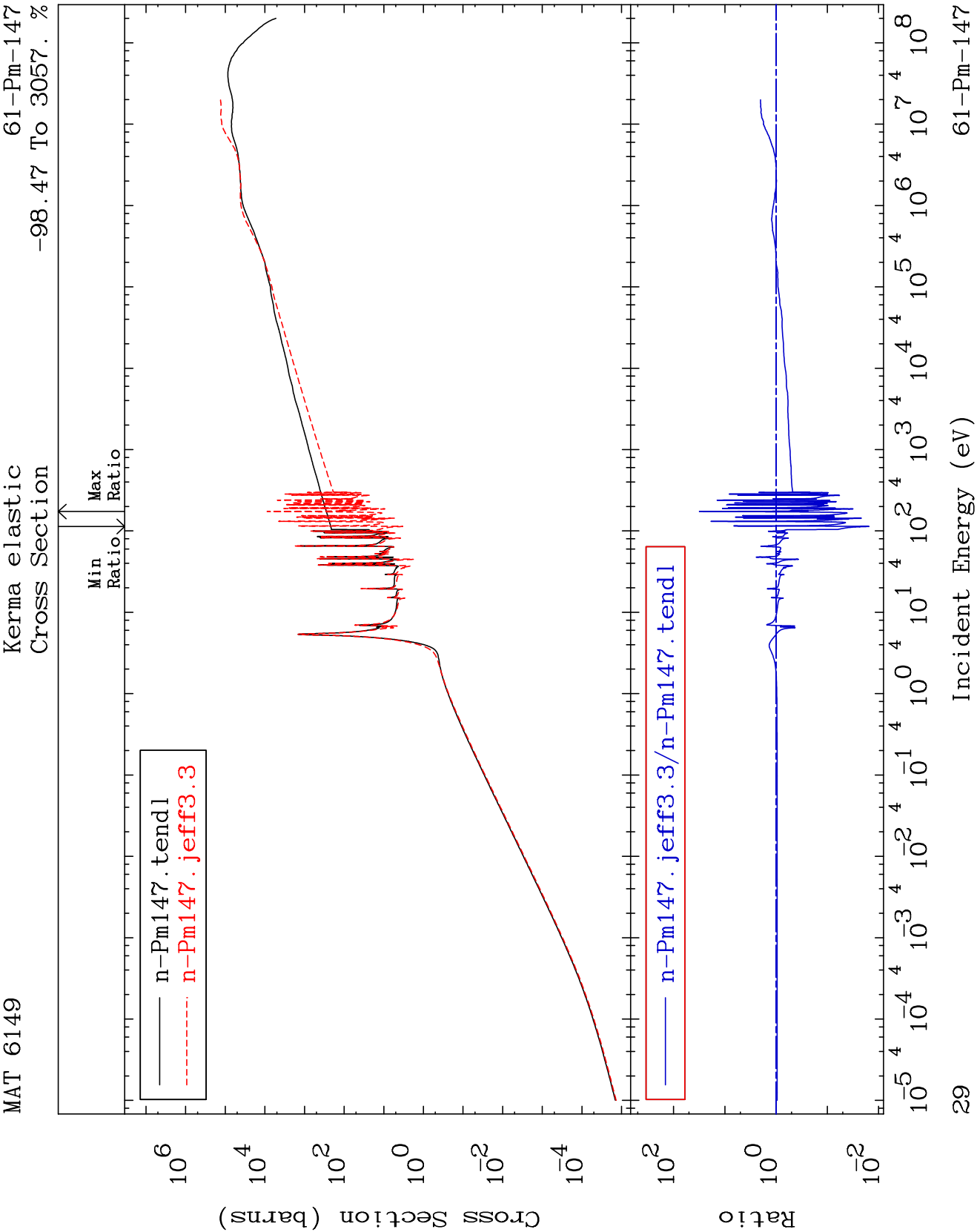


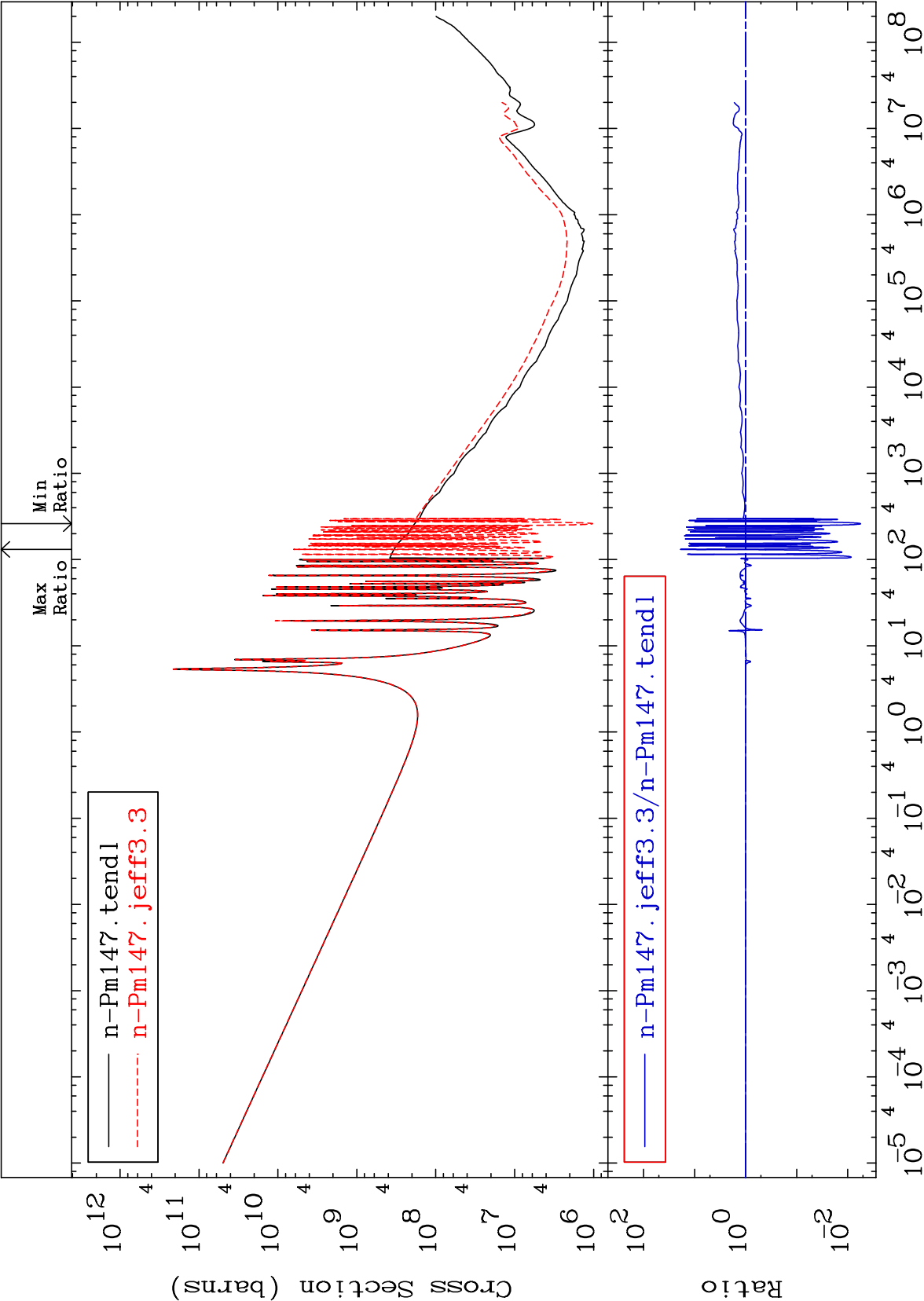
27

Incident Energy (eV)

61-Pm-147







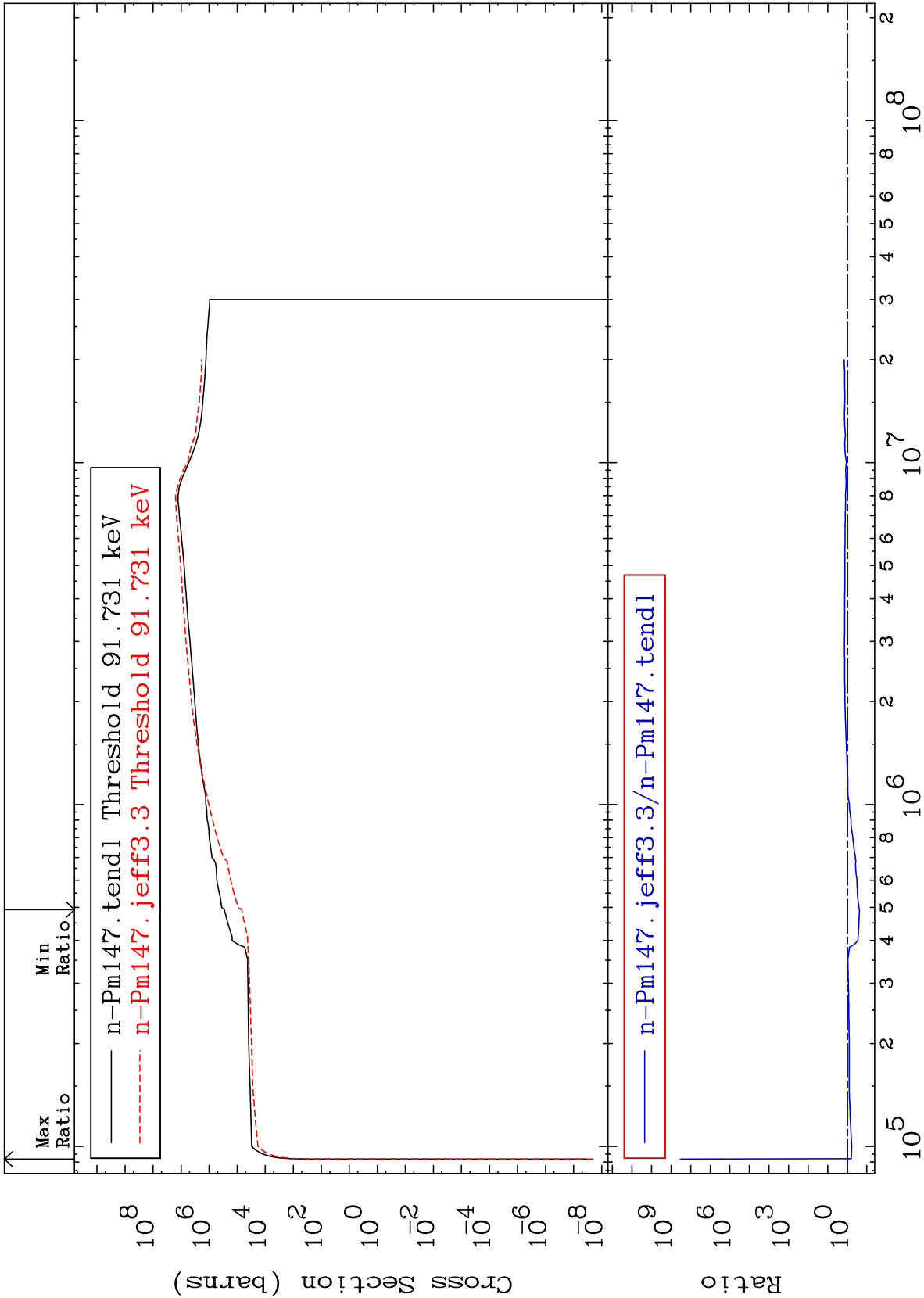
MAT 6149

Kerma inelastic (mt51-91)

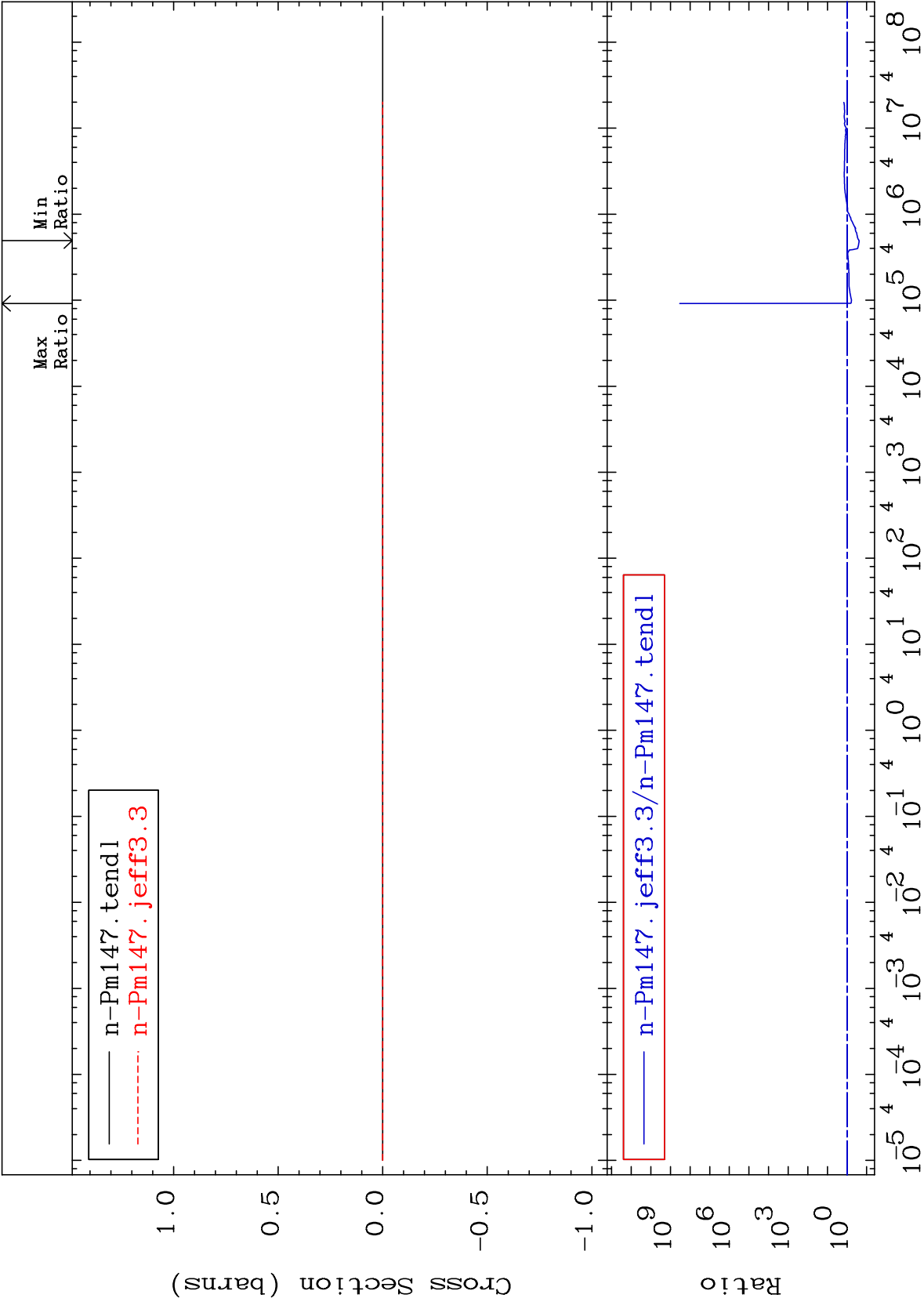
61-Pm-147

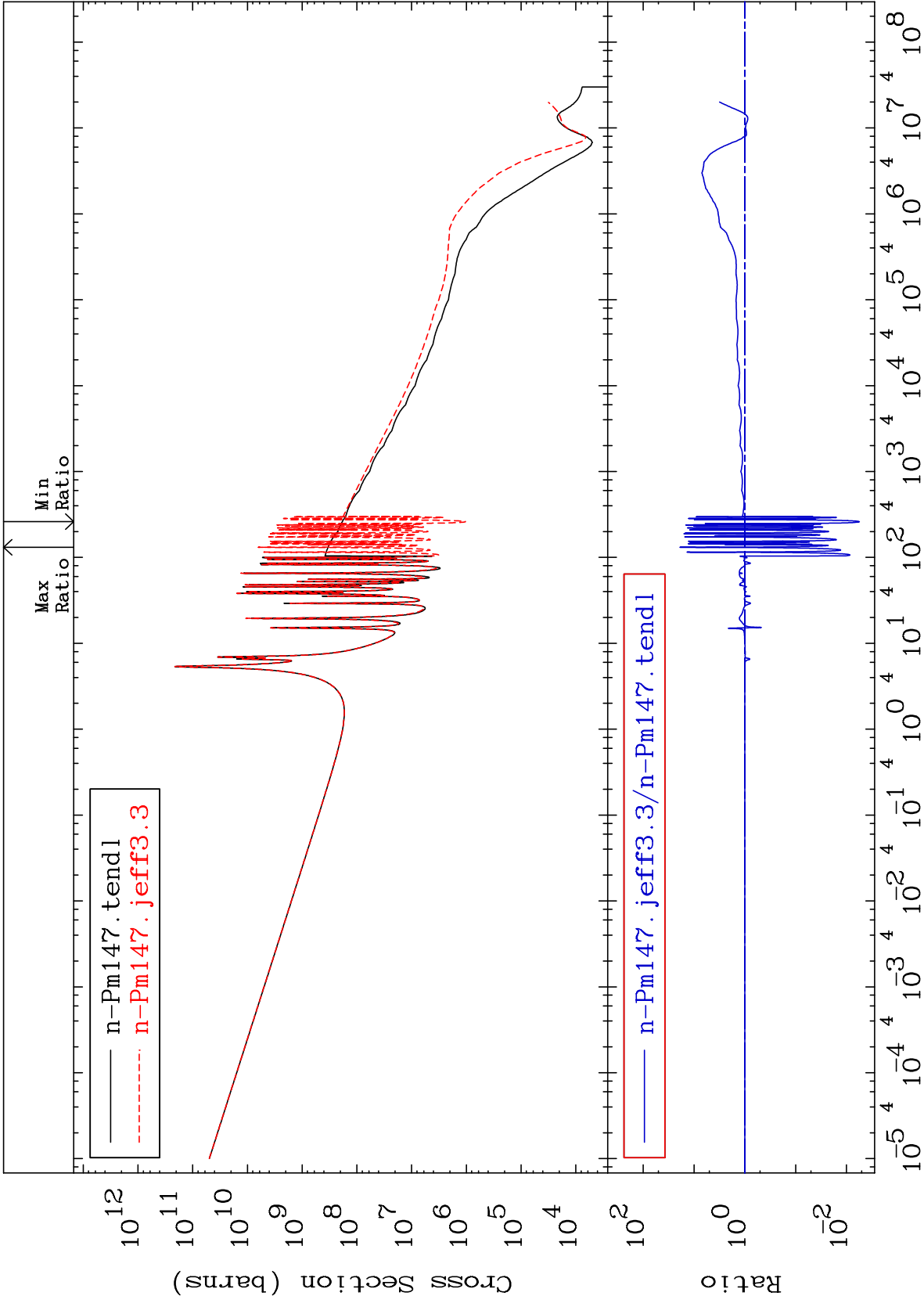
Cross Section

-76.18 To 9999. %



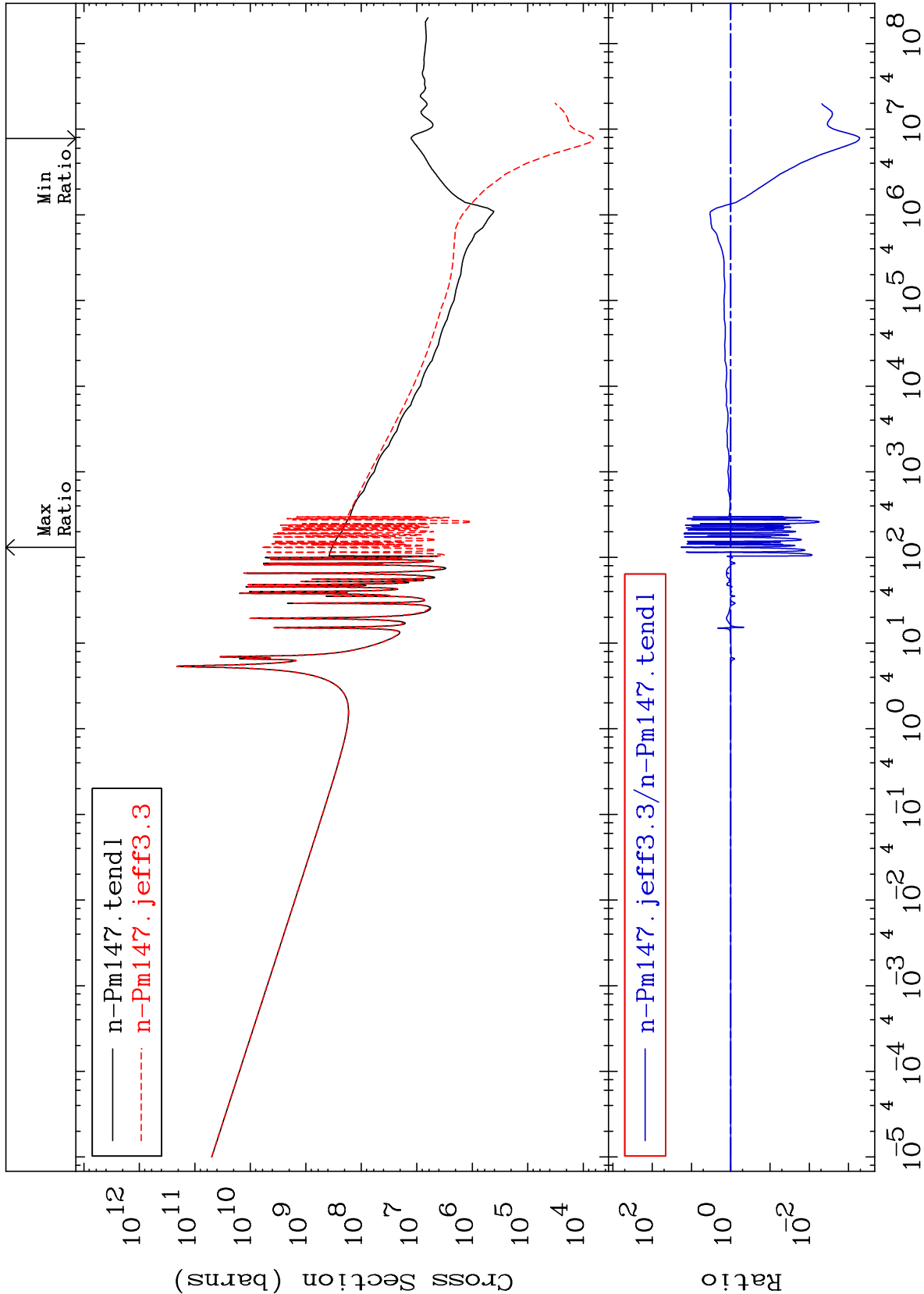
31

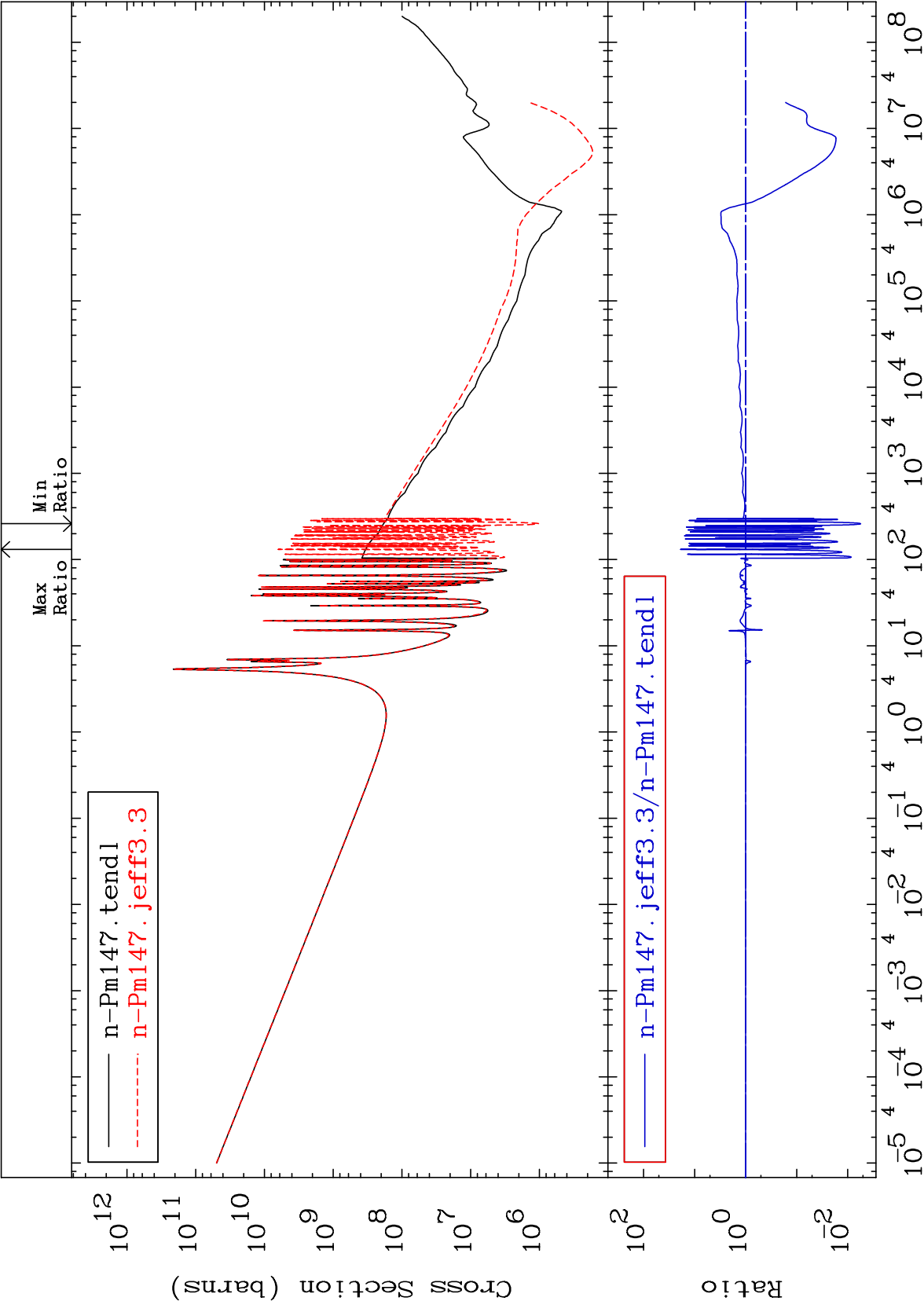


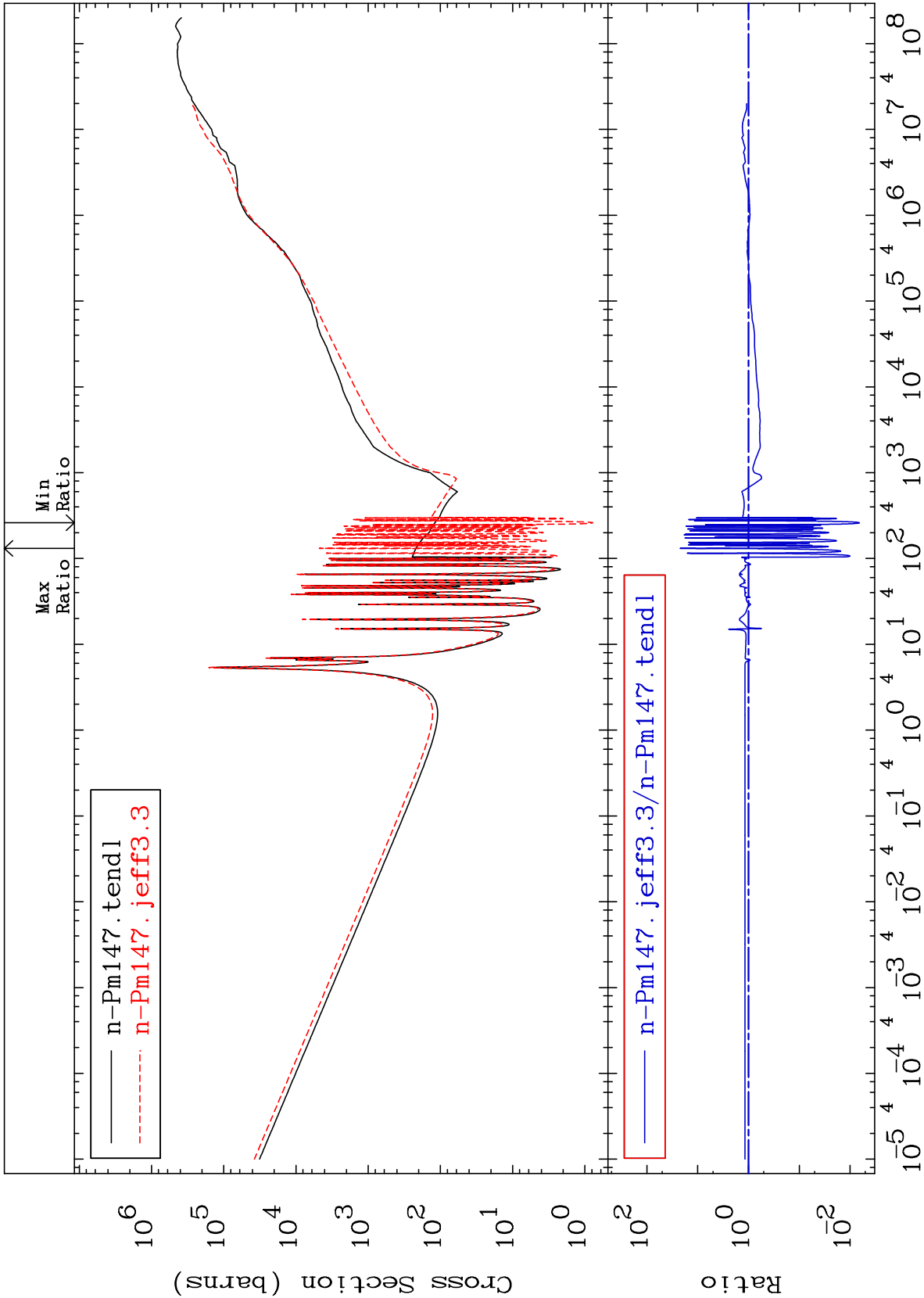


Cross Section

-99.95 To 1772. %







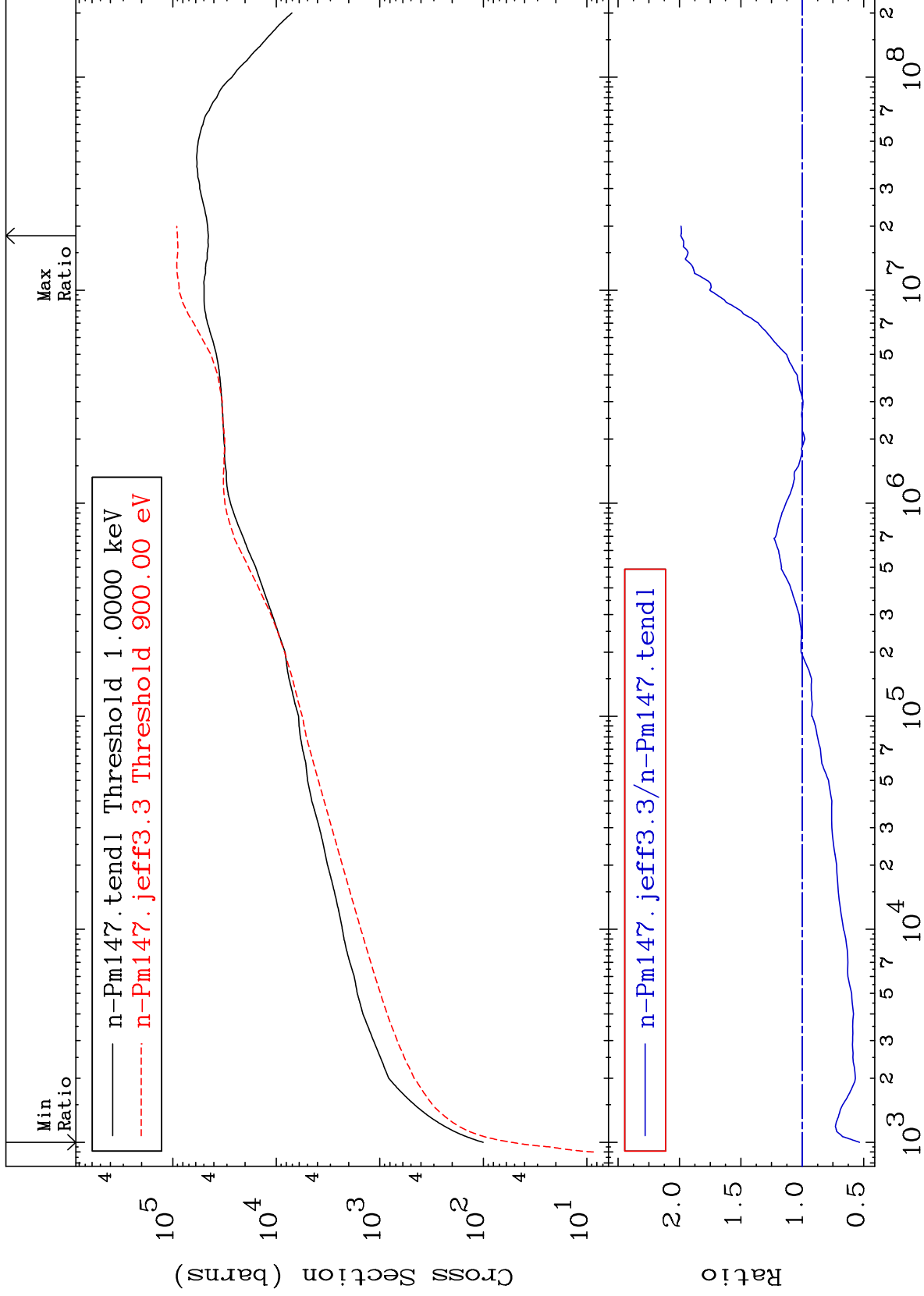
MAT 6149

Dpa elastic (mt2)

61-Pm-147

Cross Section

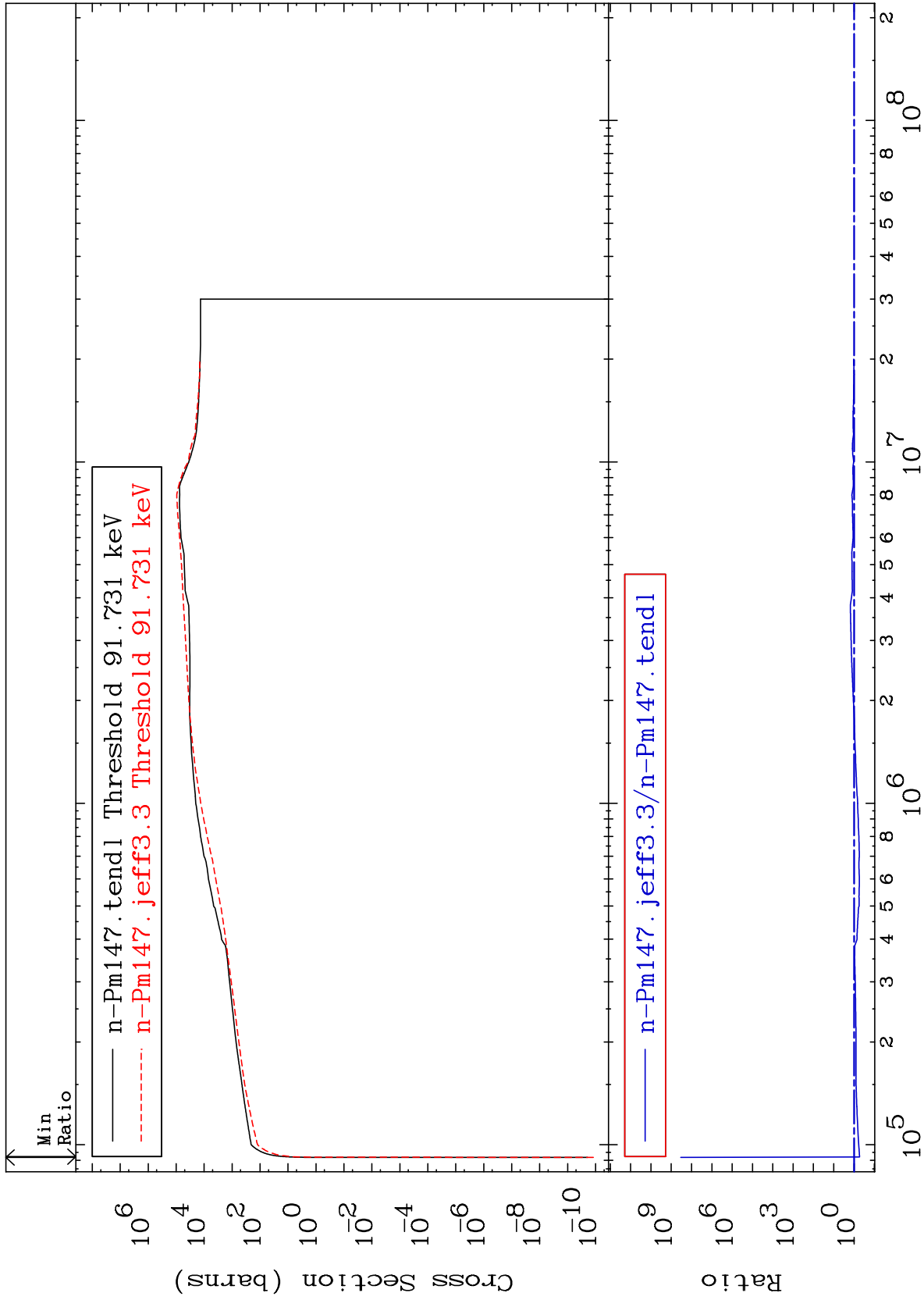
-46.67 To 98.99 %



MAT 6149

Dpa inelastic (mt51-91)  
Cross Section

61-Pm-147  
-46.38 To 9999. %



38

Incident Energy (eV)

61-Pm-147

Cross Section

-99.35 To 3566. %

