

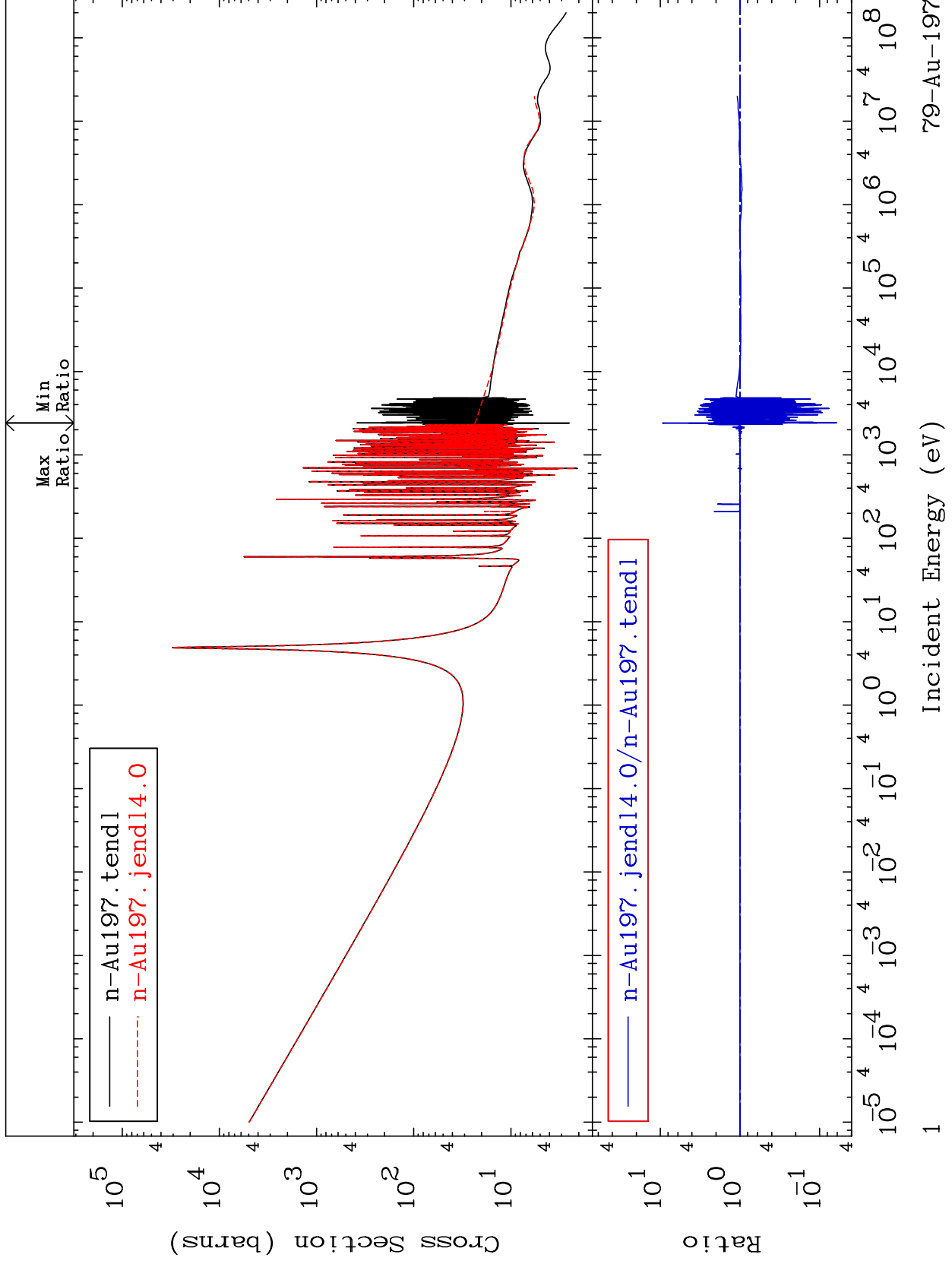
MAT 7925

Total

Cross Section

79-Au-197

-93.91 To 831.0 %



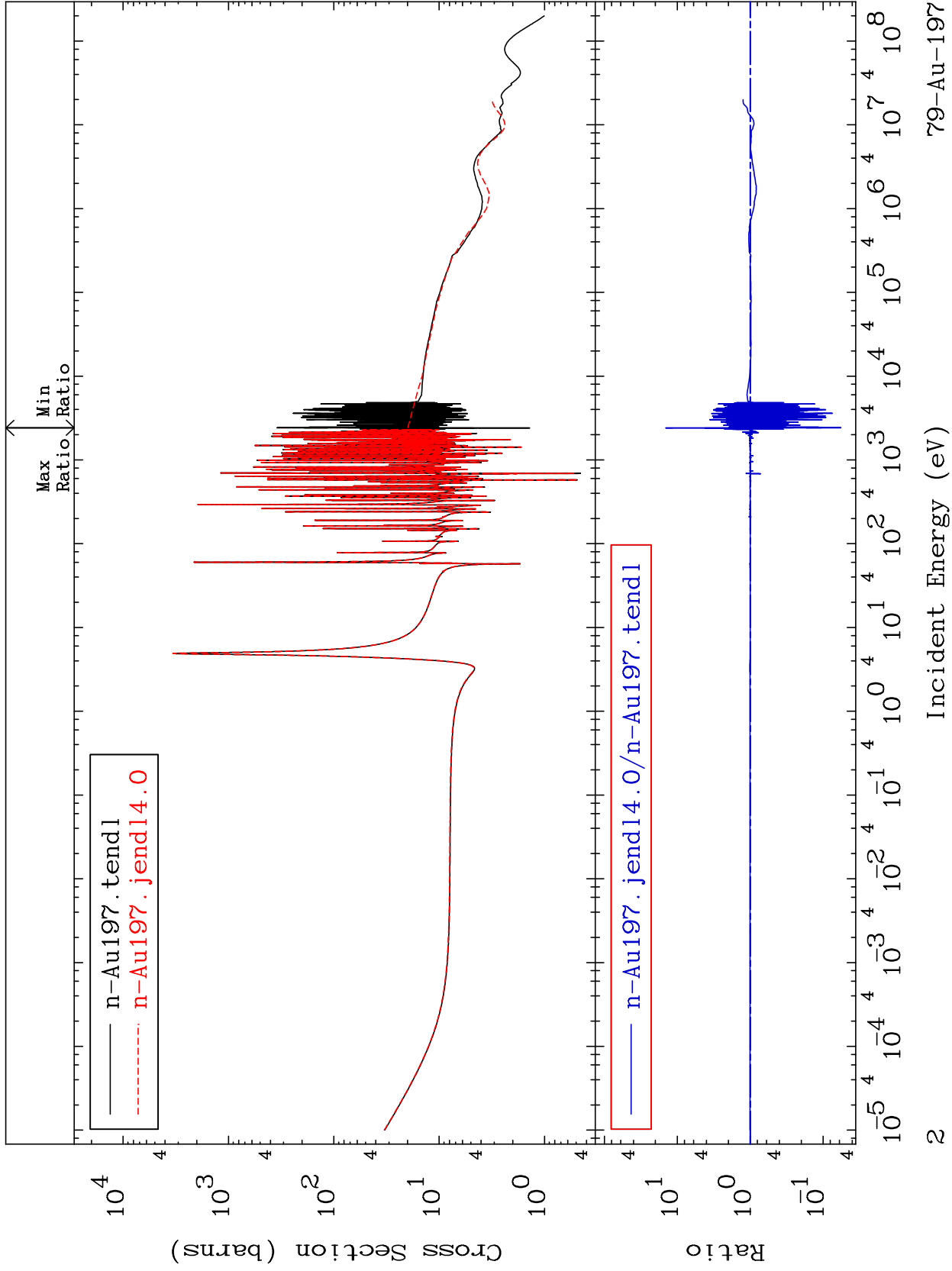
Incident Energy (eV)

79-Au-197

MAT 7925

Elastic  
Cross Section

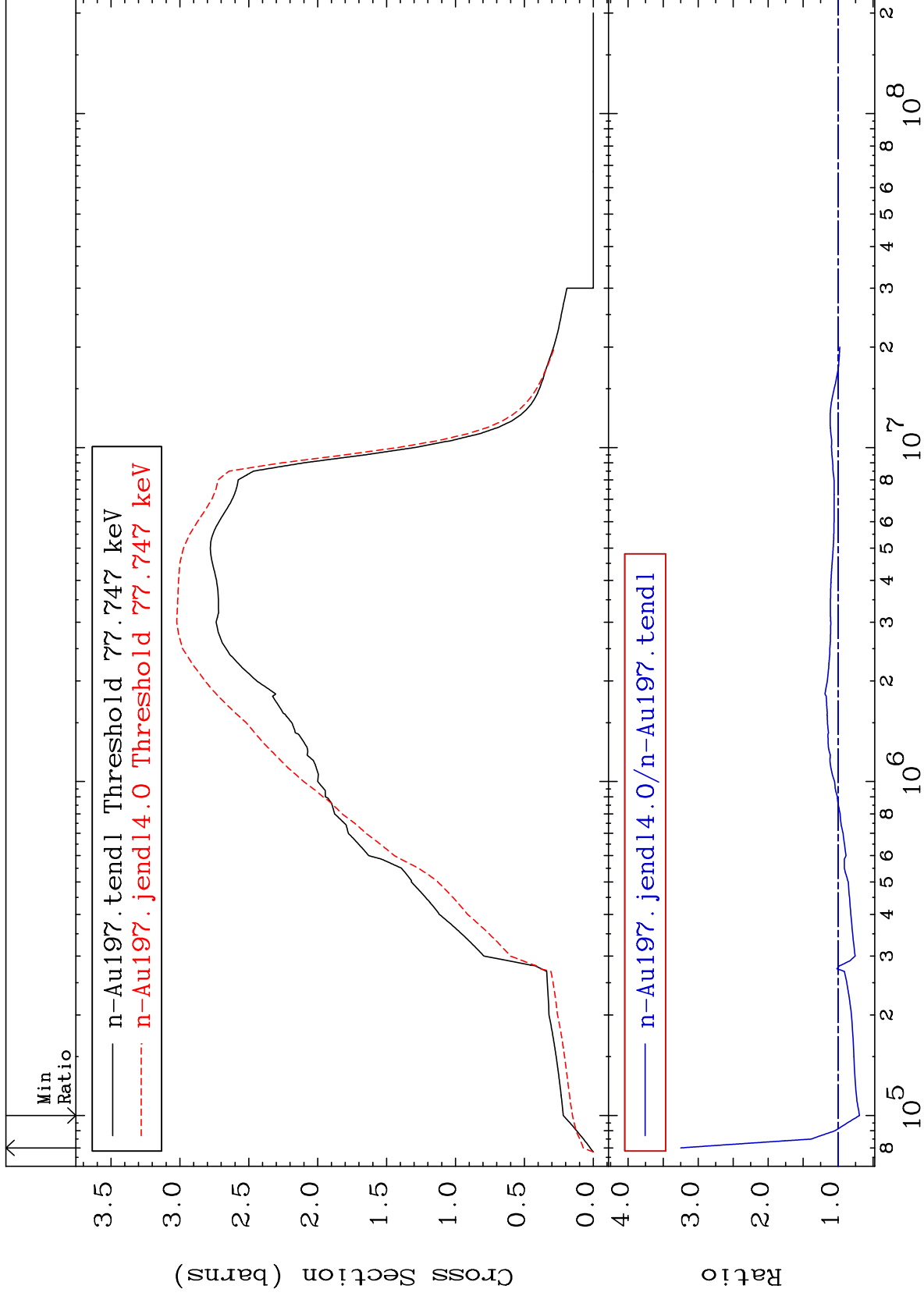
79-Au-197  
-94.27 To 1333. %



MAT 7925

Inelastic  
Cross Section

79-Au-197  
-30.71 To 224.8 %



3

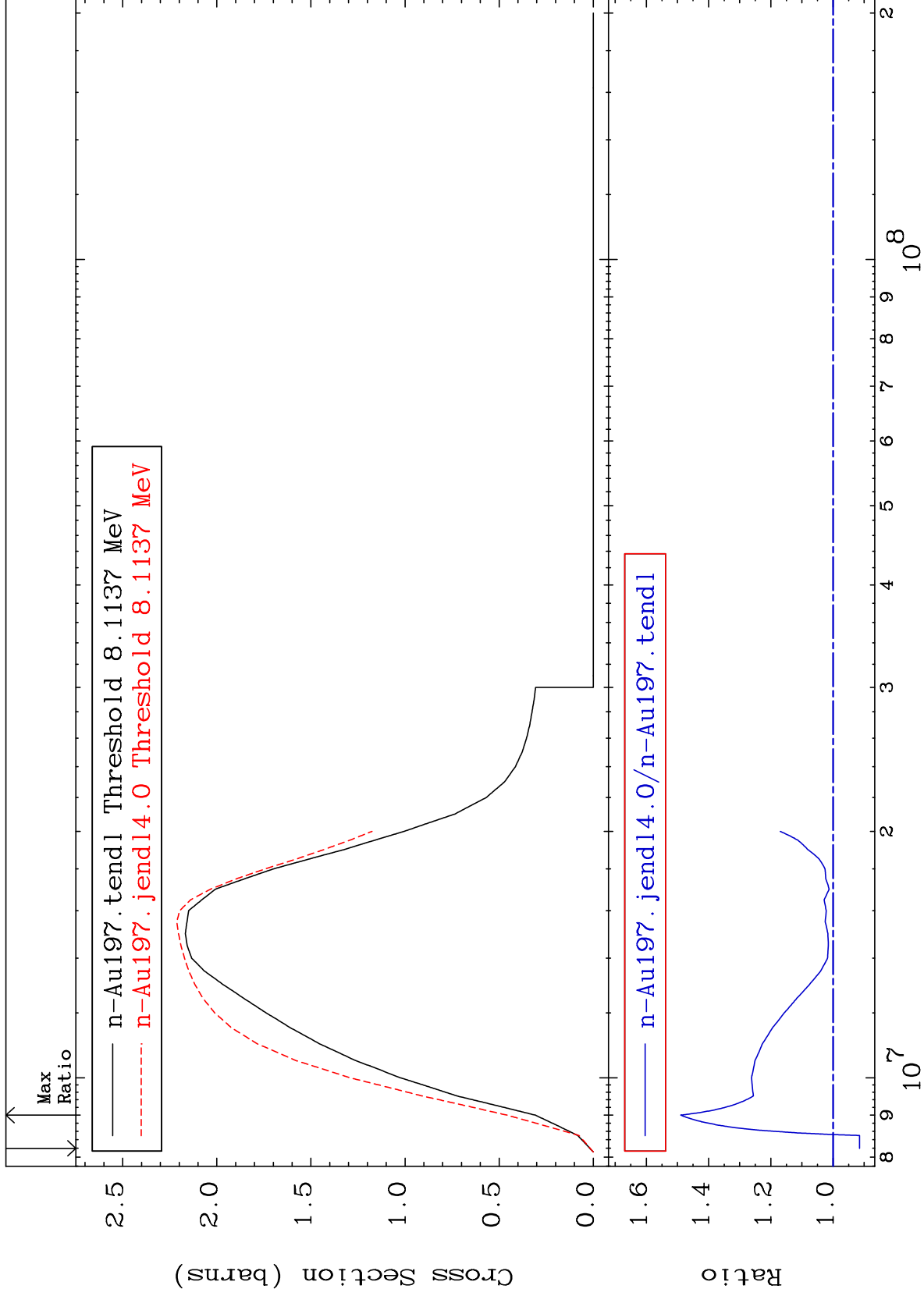
Incident Energy (eV)

79-Au-197

MAT 7925

(n,2n)  
Cross Section

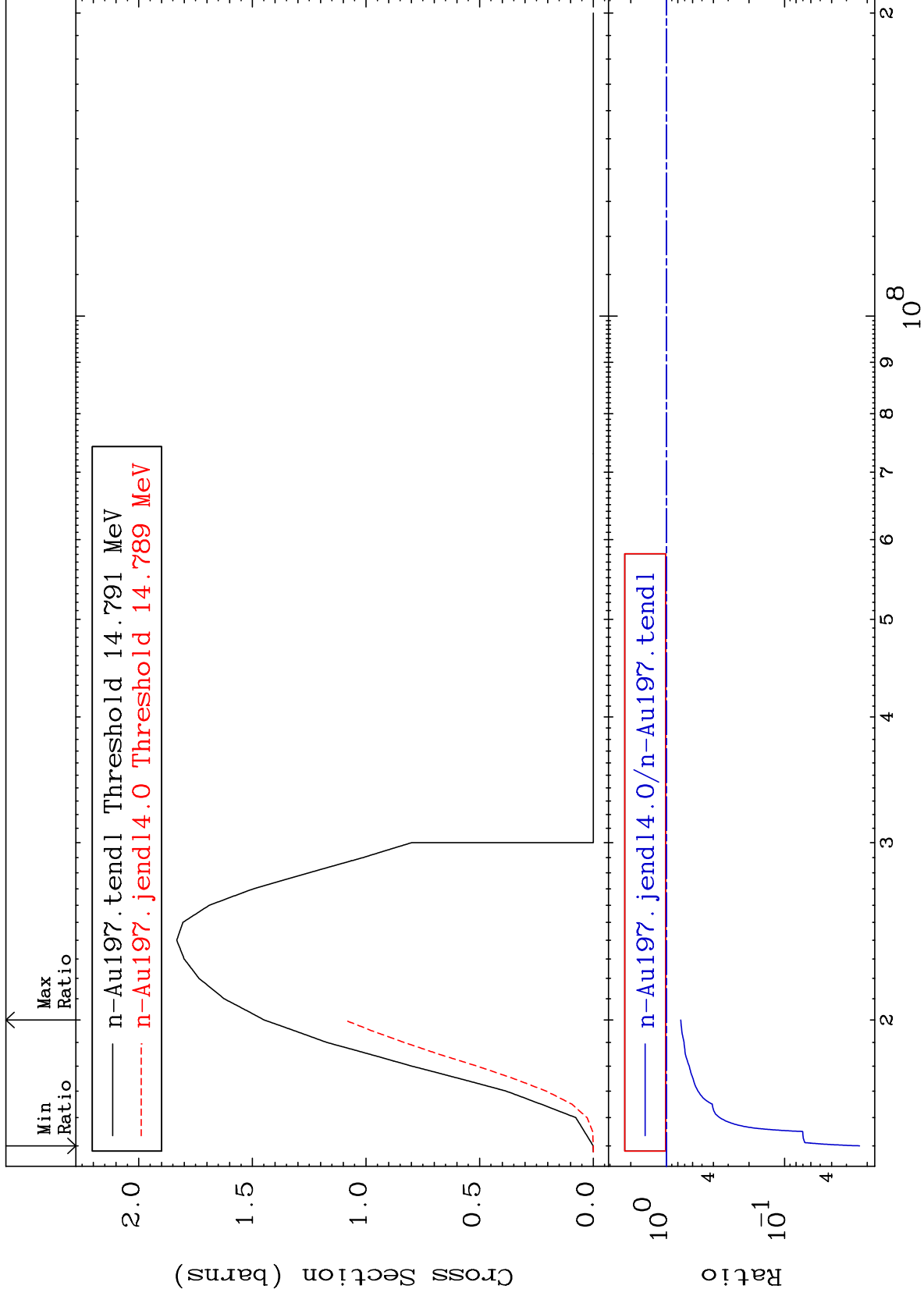
<sup>79</sup>Au-197  
-8.504 To 48.94 %



4

Incident Energy (eV)

<sup>79</sup>Au-197



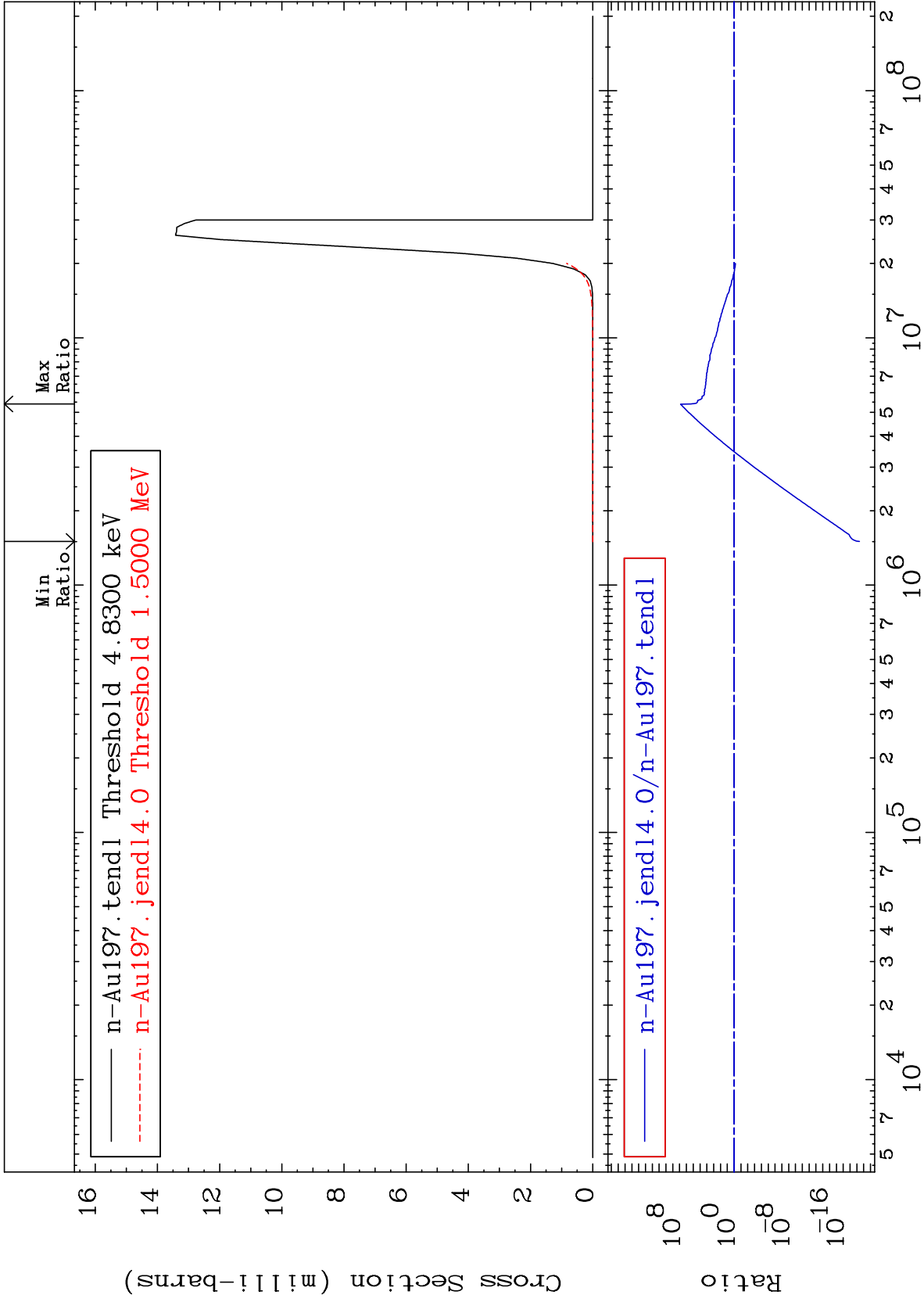
MAT 7925

$(n, n')$   $\alpha$

79-Au-197

Cross Section

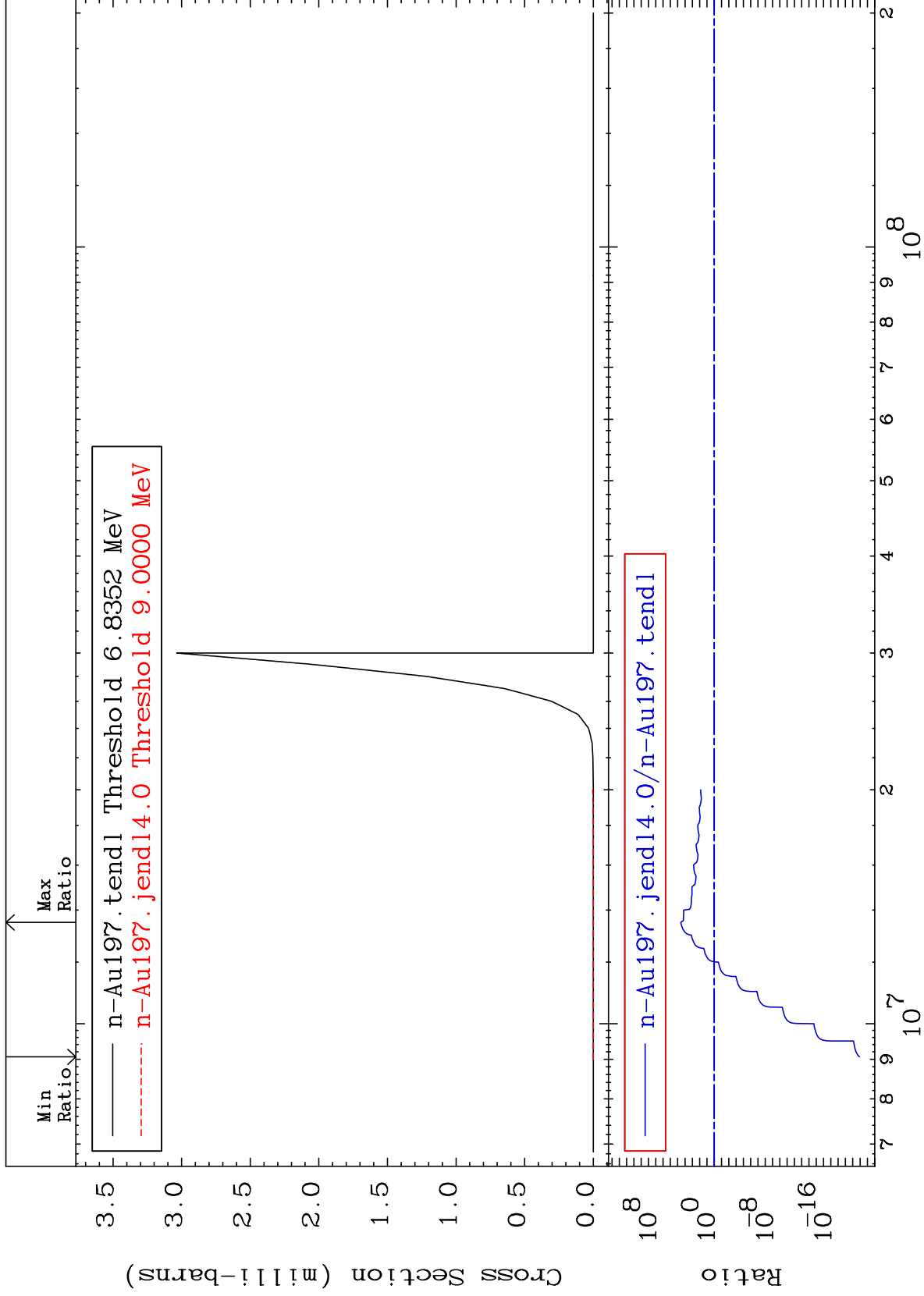
-100.0 To 9999. %



MAT 7925

(n,2n)  $\alpha$   
Cross Section

79-Au-197  
-100.0 To 9999. %



7

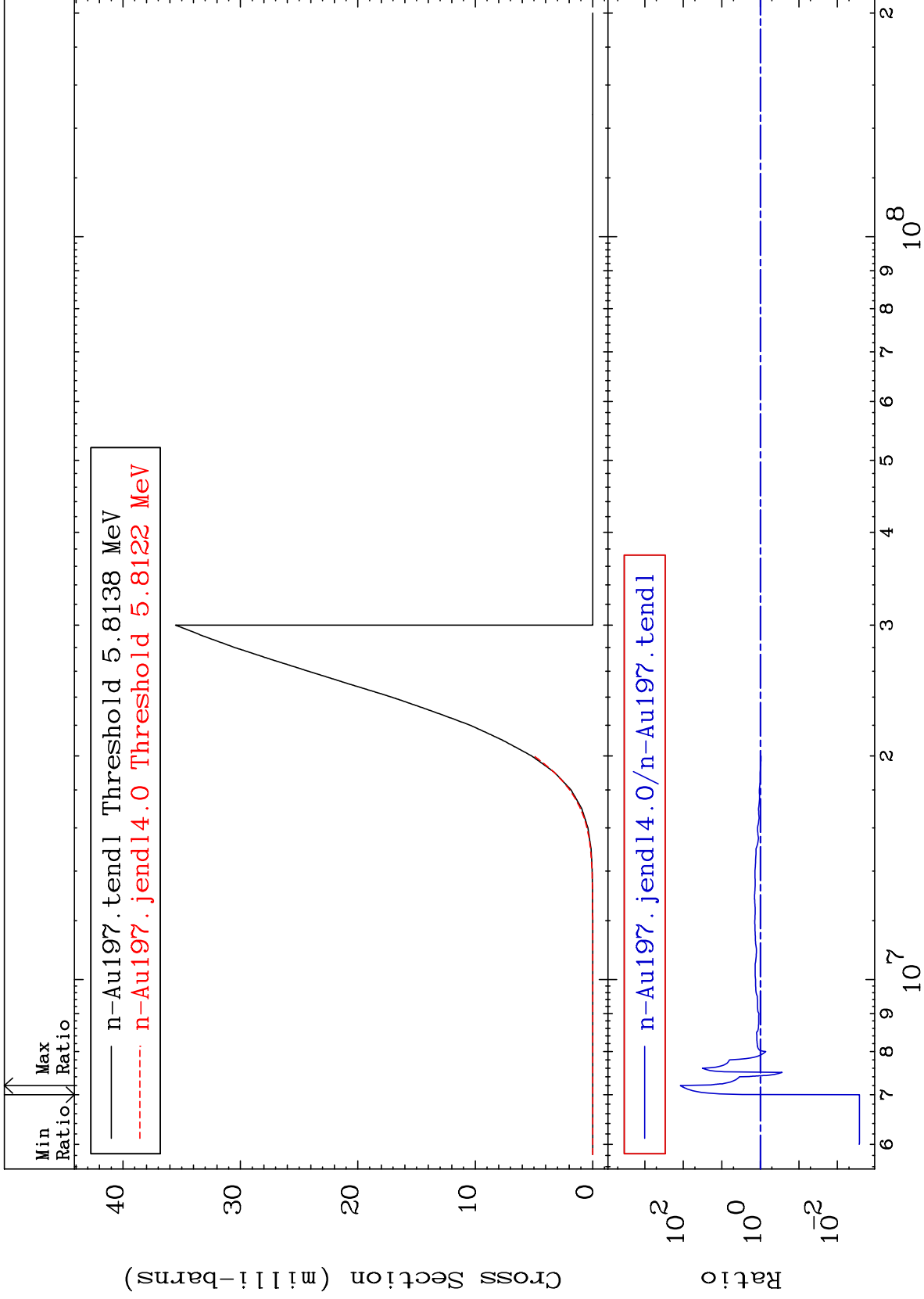
Incident Energy (eV)

79-Au-197

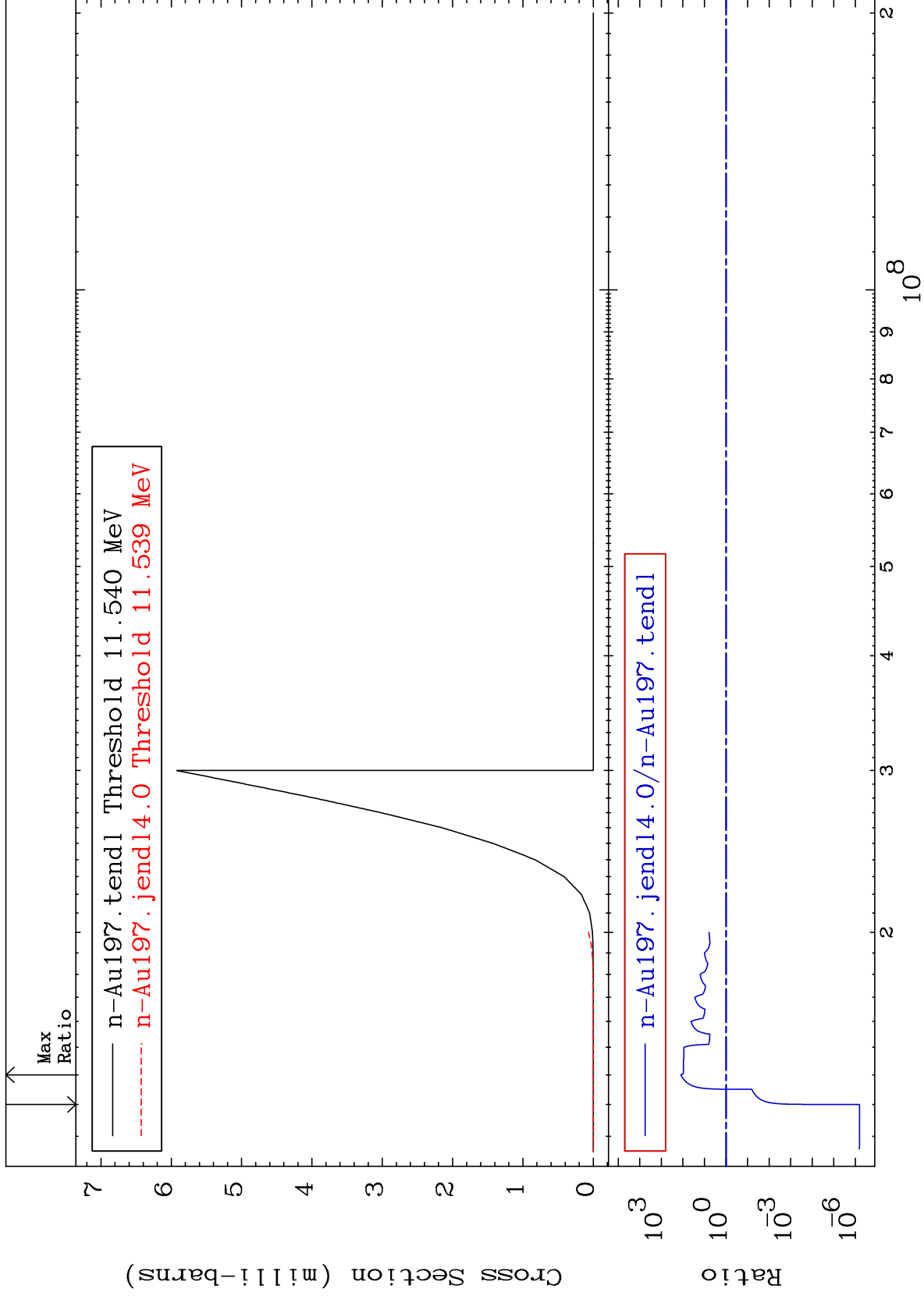
MAT 7925

(n,n') p  
Cross Section

79-Au-197  
-99.73 To 9999. %



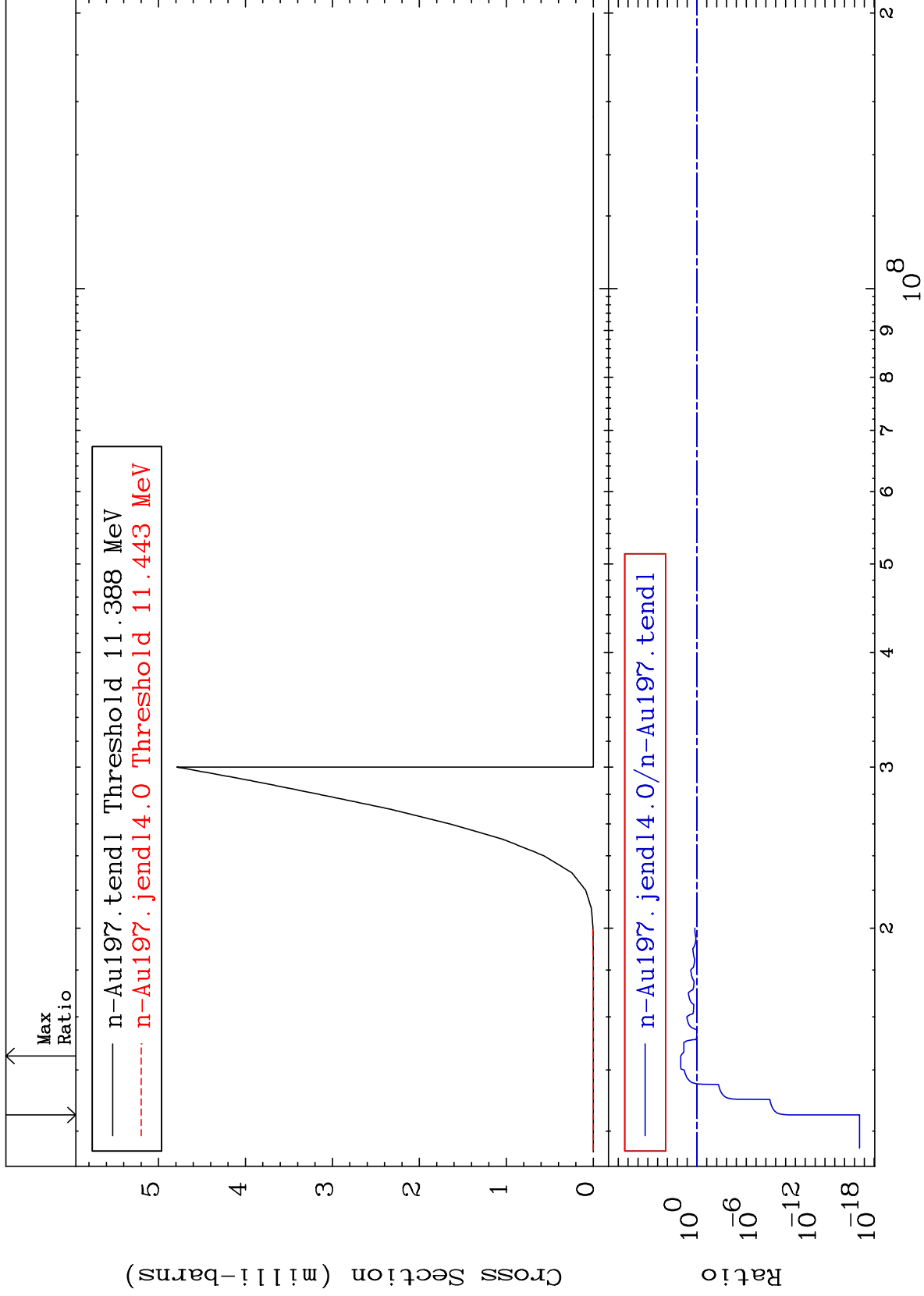




MAT 7925

(n,n') t  
Cross Section

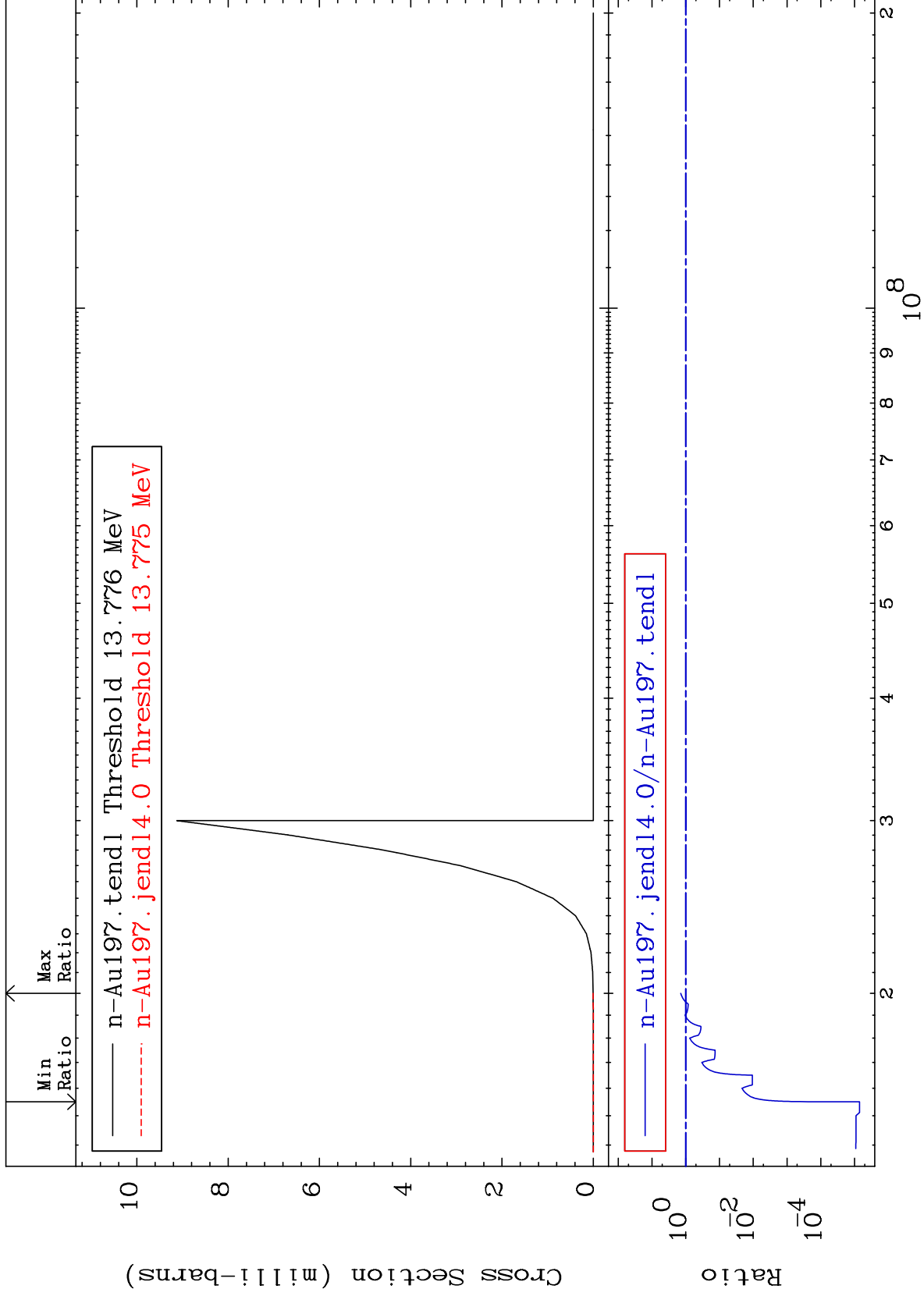
79-Au-197  
-100.0 To 4362. %



10

Incident Energy (eV)

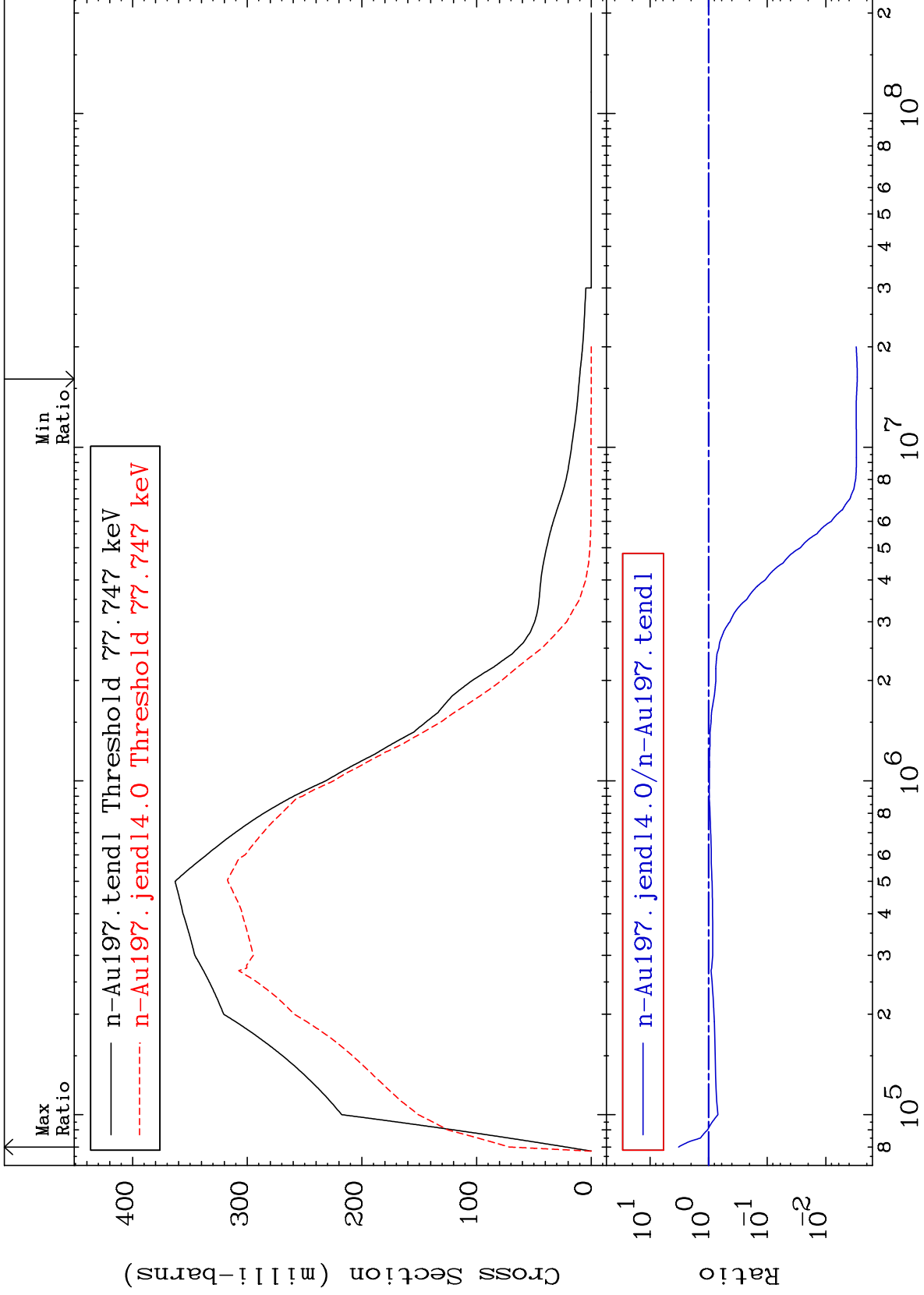
79-Au-197



MAT 7925

MT= 51 (n,n') Level  
Cross Section

<sup>79</sup>Au-197  
-99.71 To 224.8 %



12

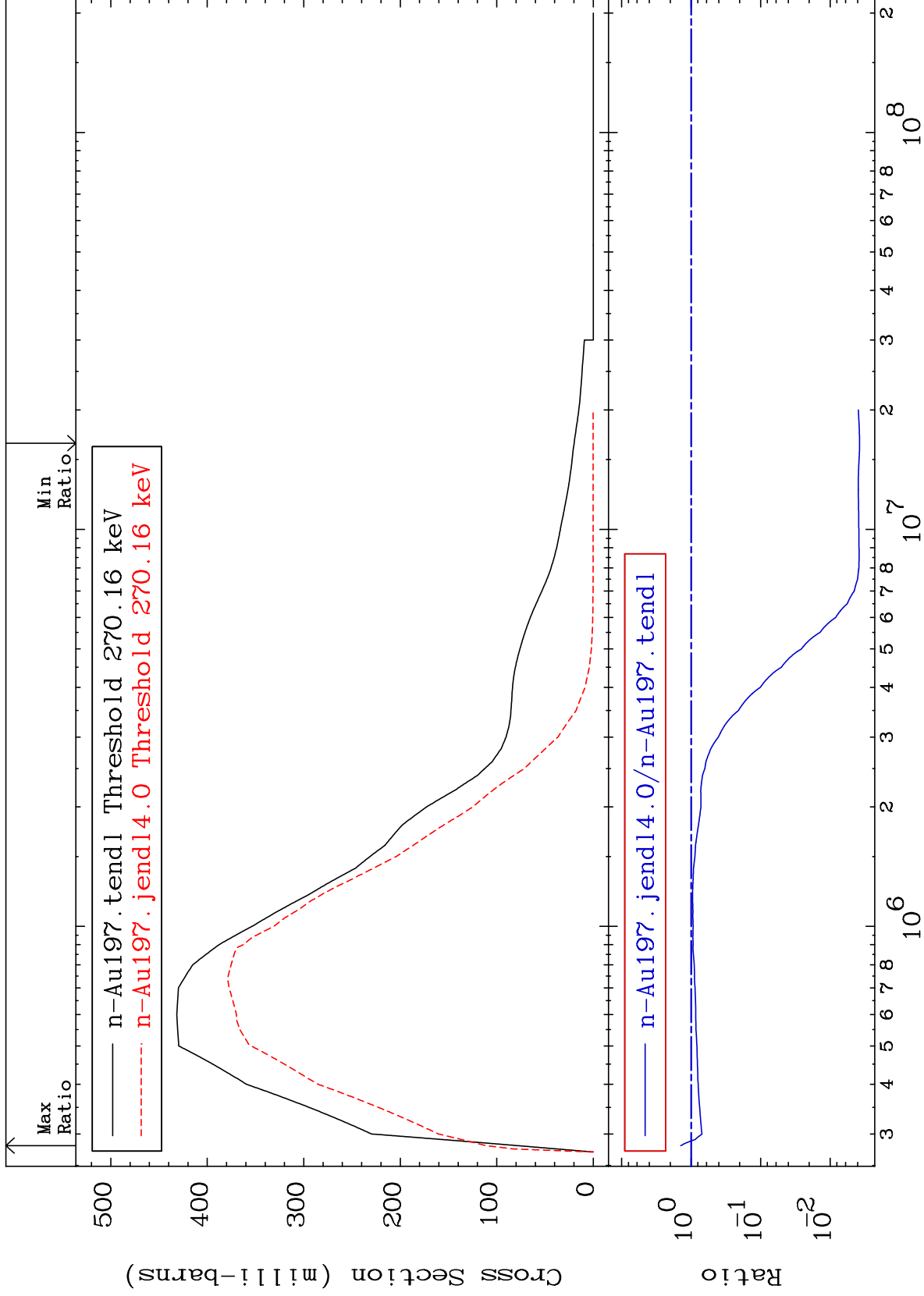
Incident Energy (eV)

<sup>79</sup>Au-197

MAT 7925

MT= 52 (n,n') Level  
Cross Section

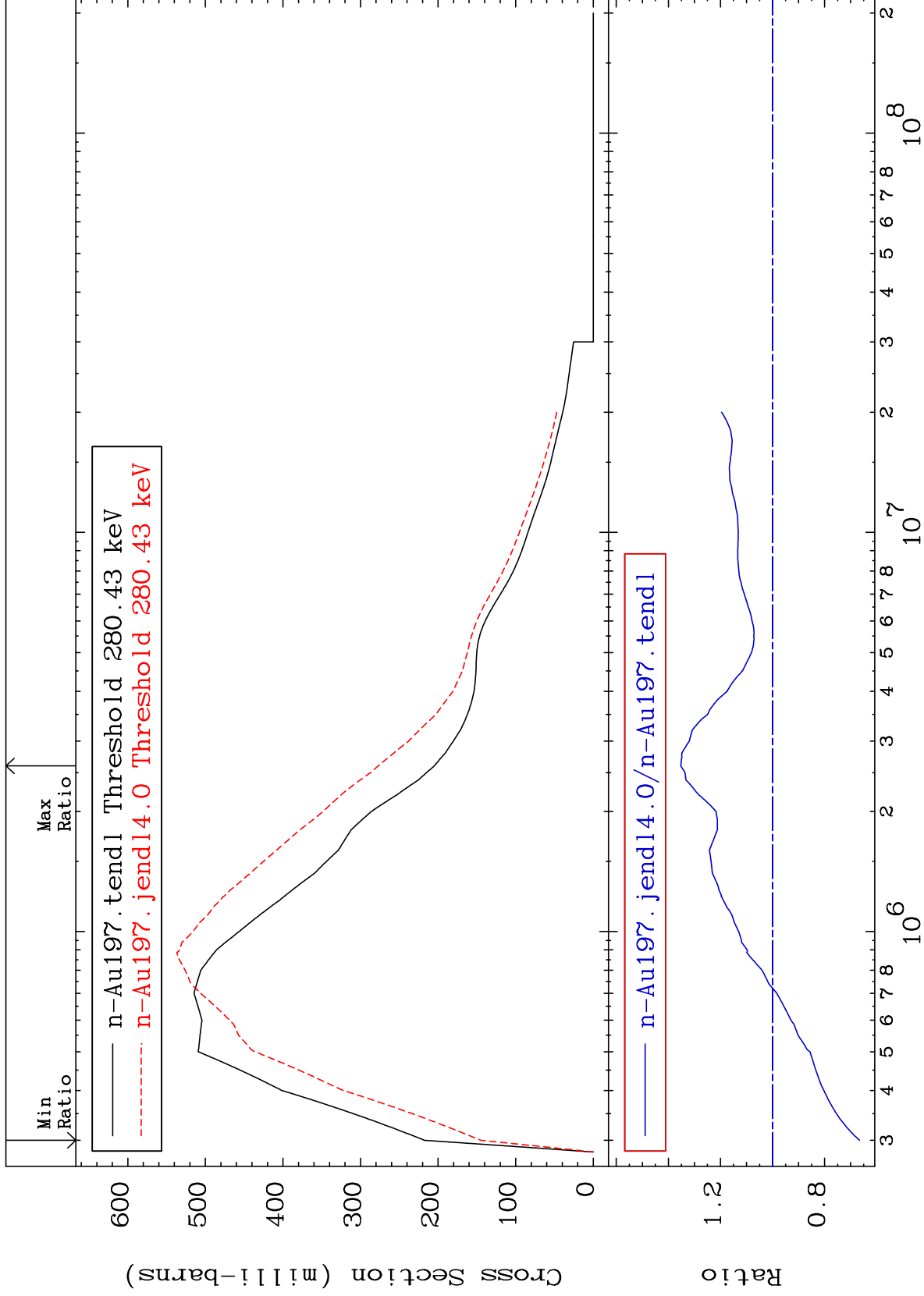
79-Au-197  
-99.62 To 40.97 %



MAT 7925

MT= 53 (n,n') Level  
Cross Section

79-Au-197  
-33.41 To 35.24 %



14

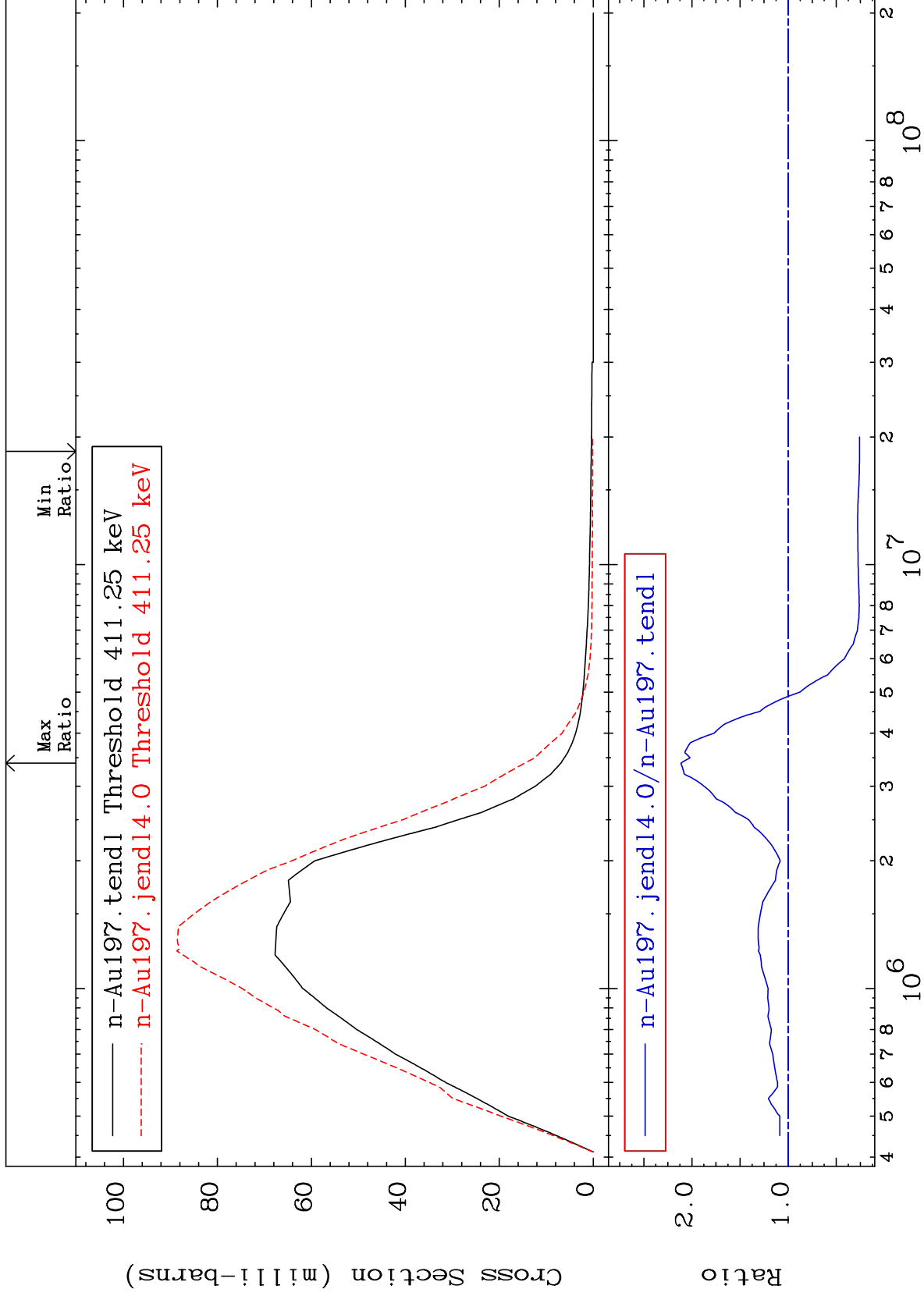
Incident Energy (eV)

79-Au-197

MAT 7925

MT= 54 (n,n') Level  
Cross Section

79-Au-197  
-74.19 To 111.6 %



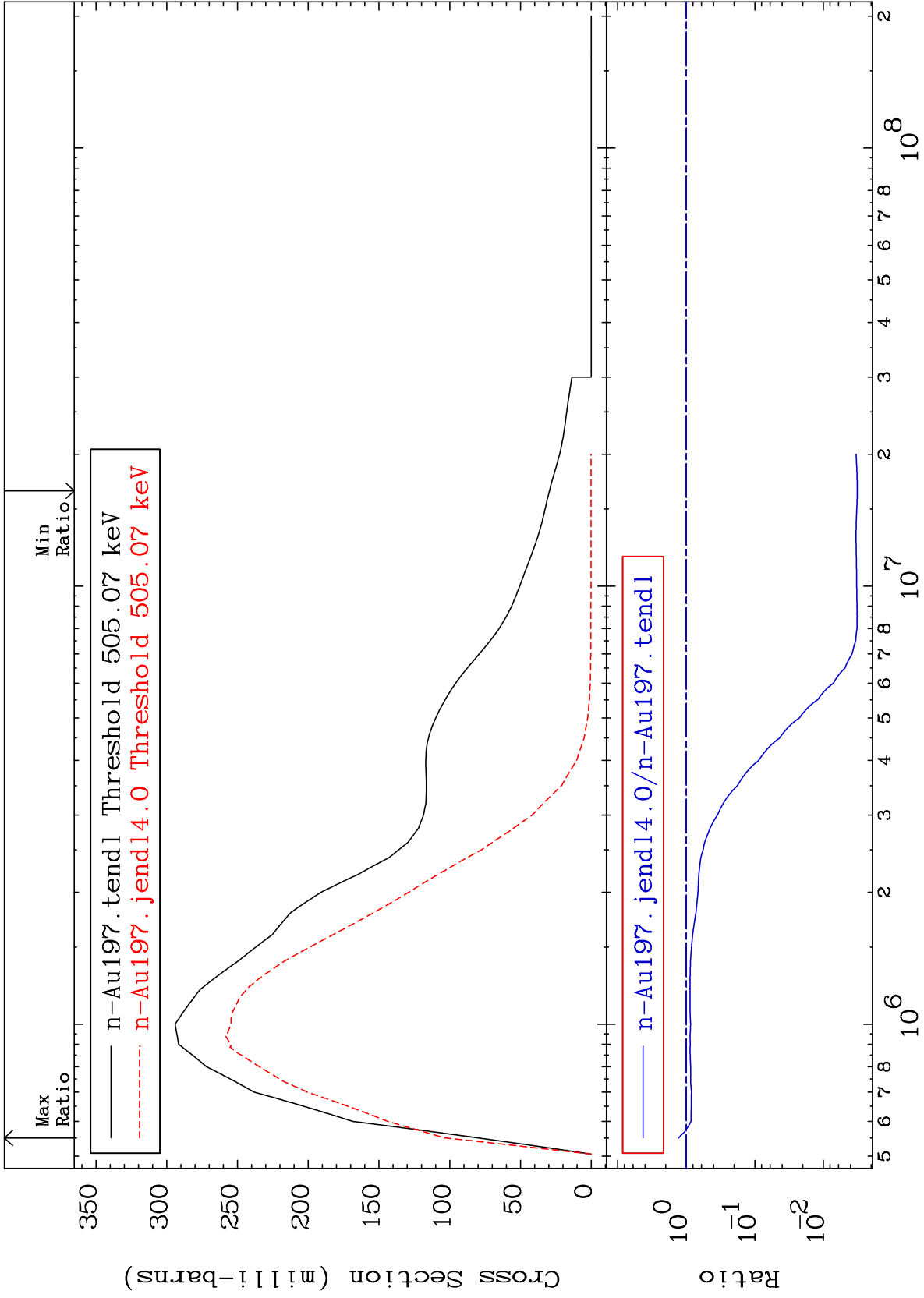
15

79-Au-197

MAT 7925

MT= 55 (n,n') Level  
Cross Section

79-Au-197  
-99.68 To 29.33 %

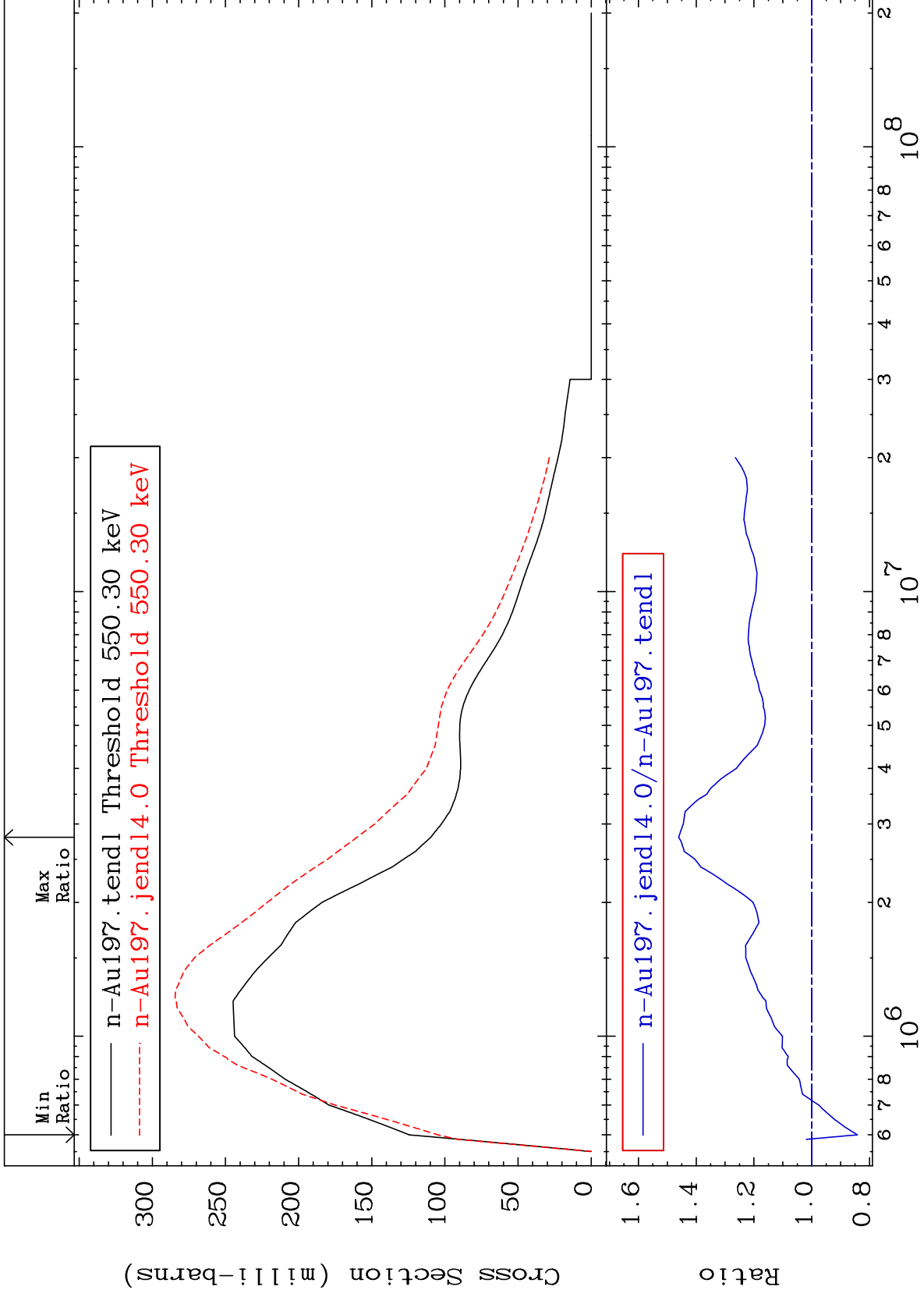




MAT 7925

MT= 56 (n,n') Level  
Cross Section

79-Au-197  
-15.76 To 46.07 %



17

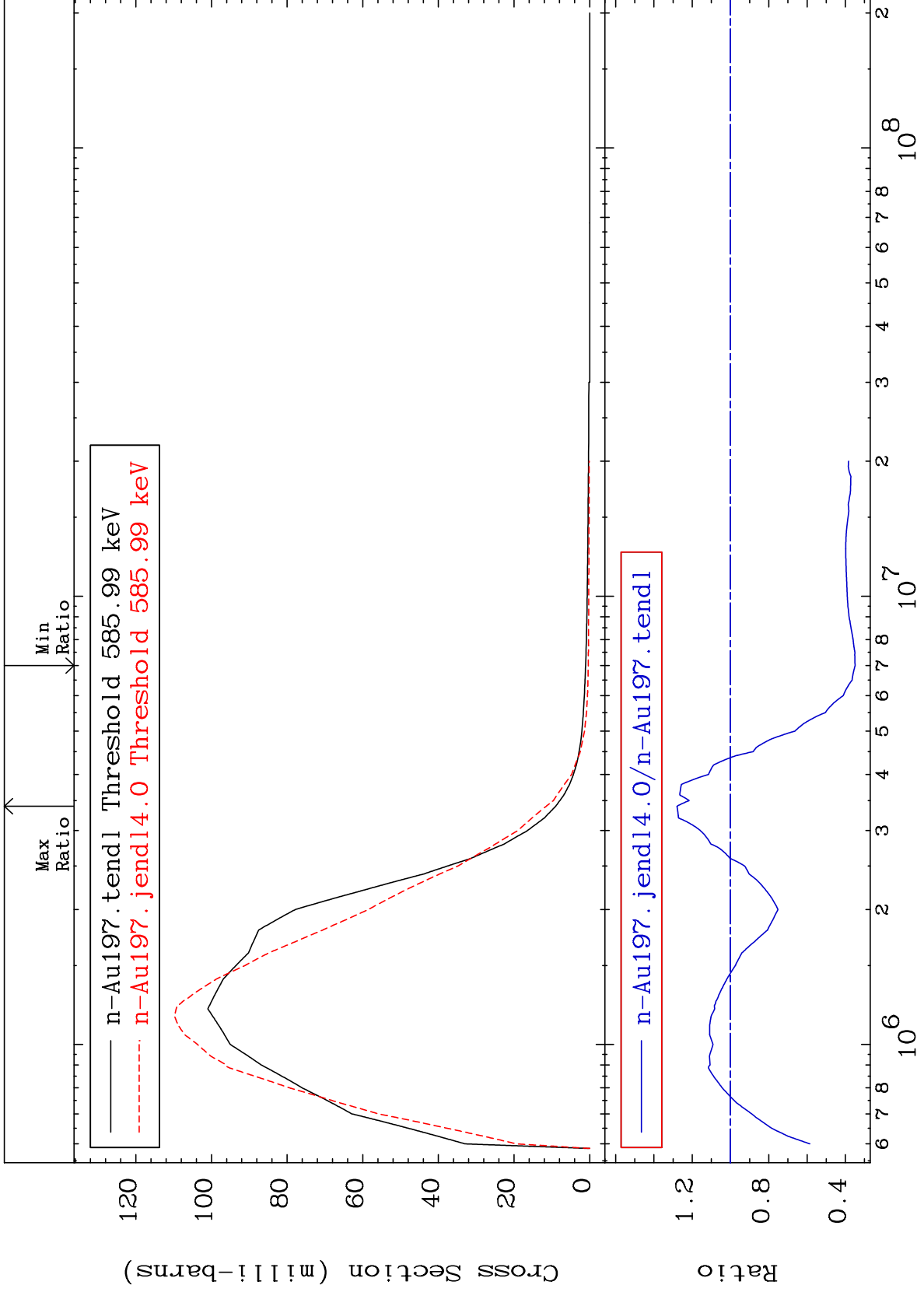
Incident Energy (eV)

79-Au-197

MAT 7925

MT= 57 (n,n') Level  
Cross Section

79-Au-197  
-65.08 To 27.97 %



18

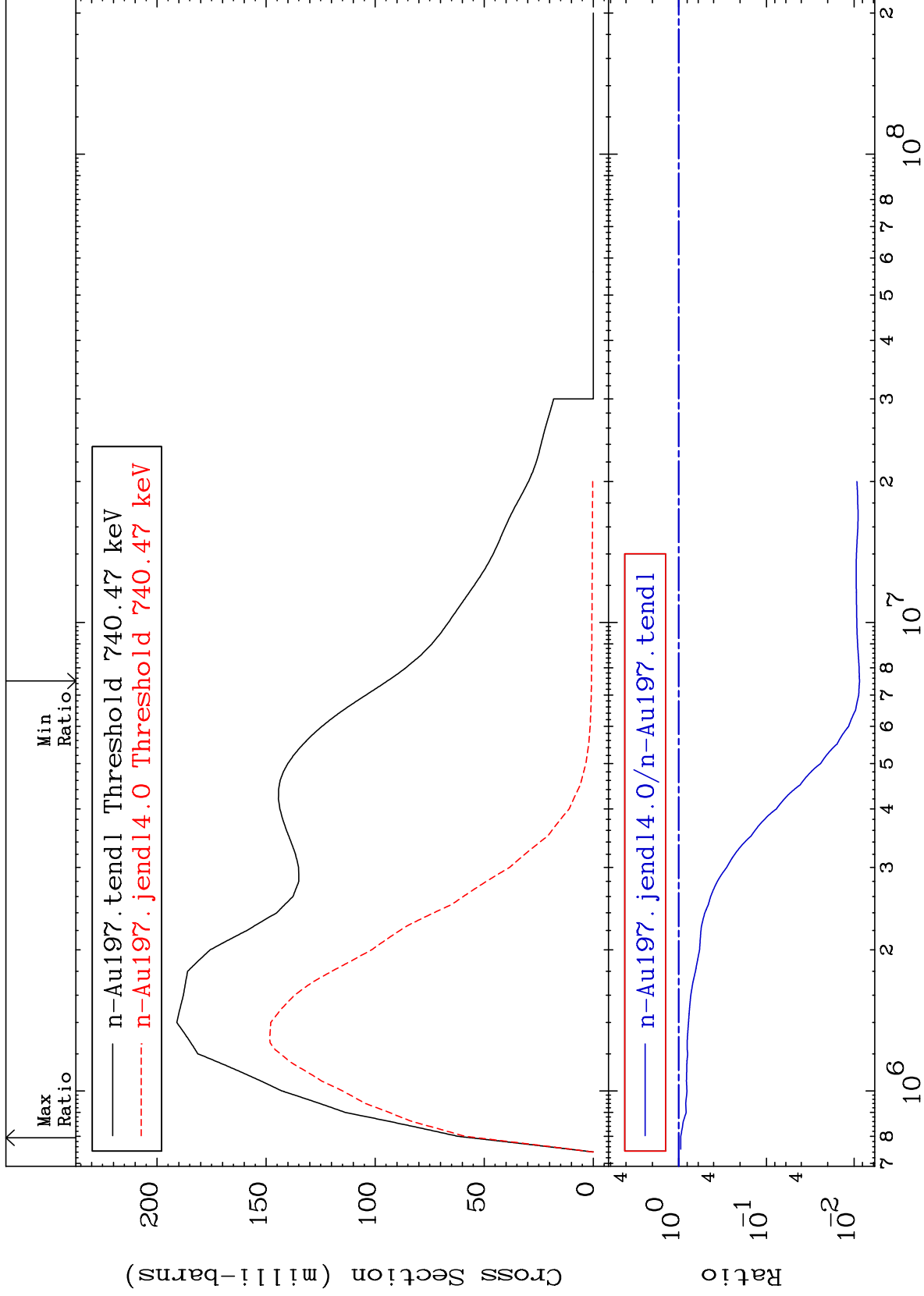
Incident Energy (eV)

79-Au-197

MAT 7925

MT= 58 (n,n') Level  
Cross Section

79-Au-197  
-99.13 To -5.189%



19

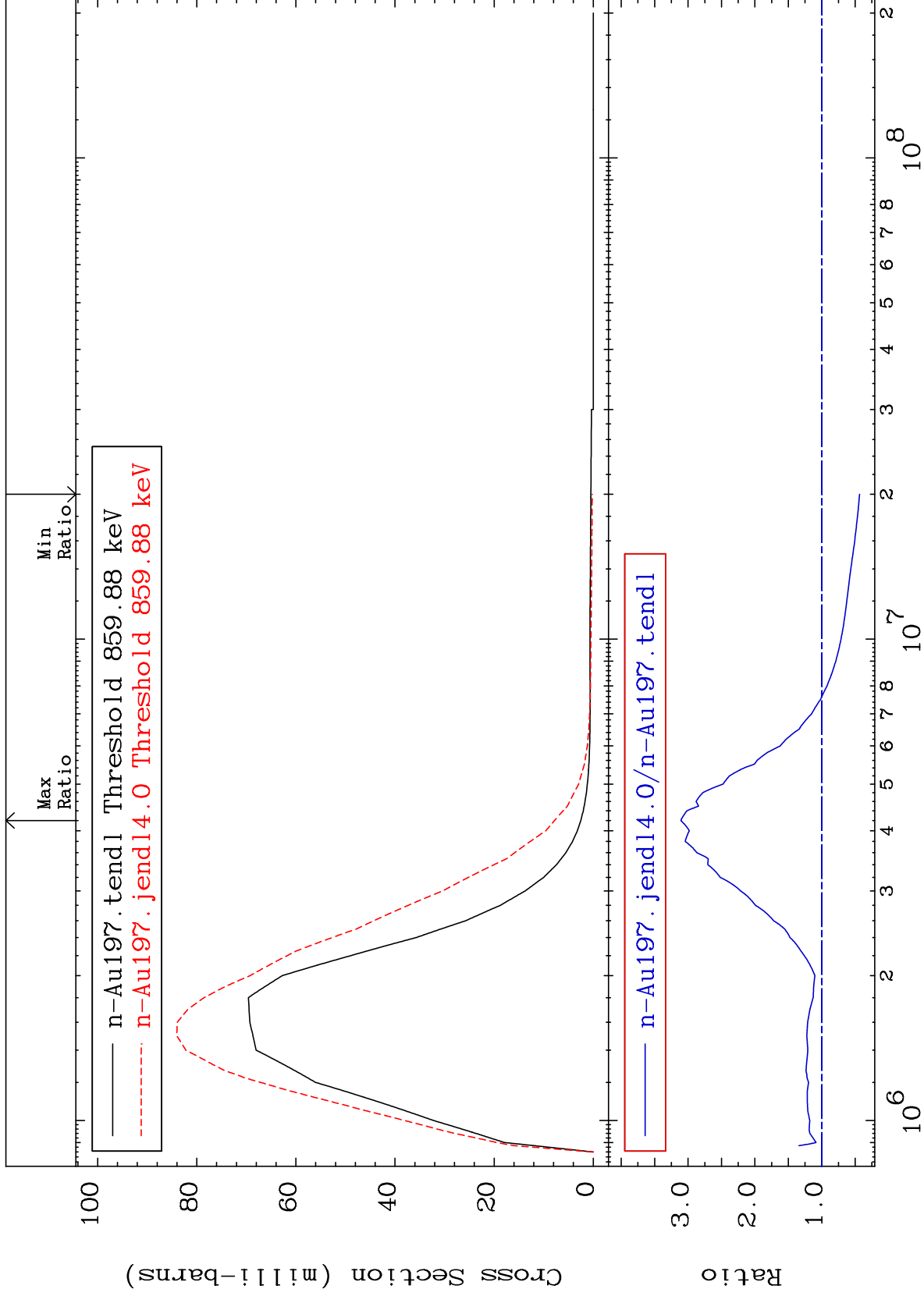
Incident Energy (eV)

79-Au-197

MAT 7925

MT= 59 (n,n') Level  
Cross Section

79-Au-197  
-56.50 To 210.9 %



20

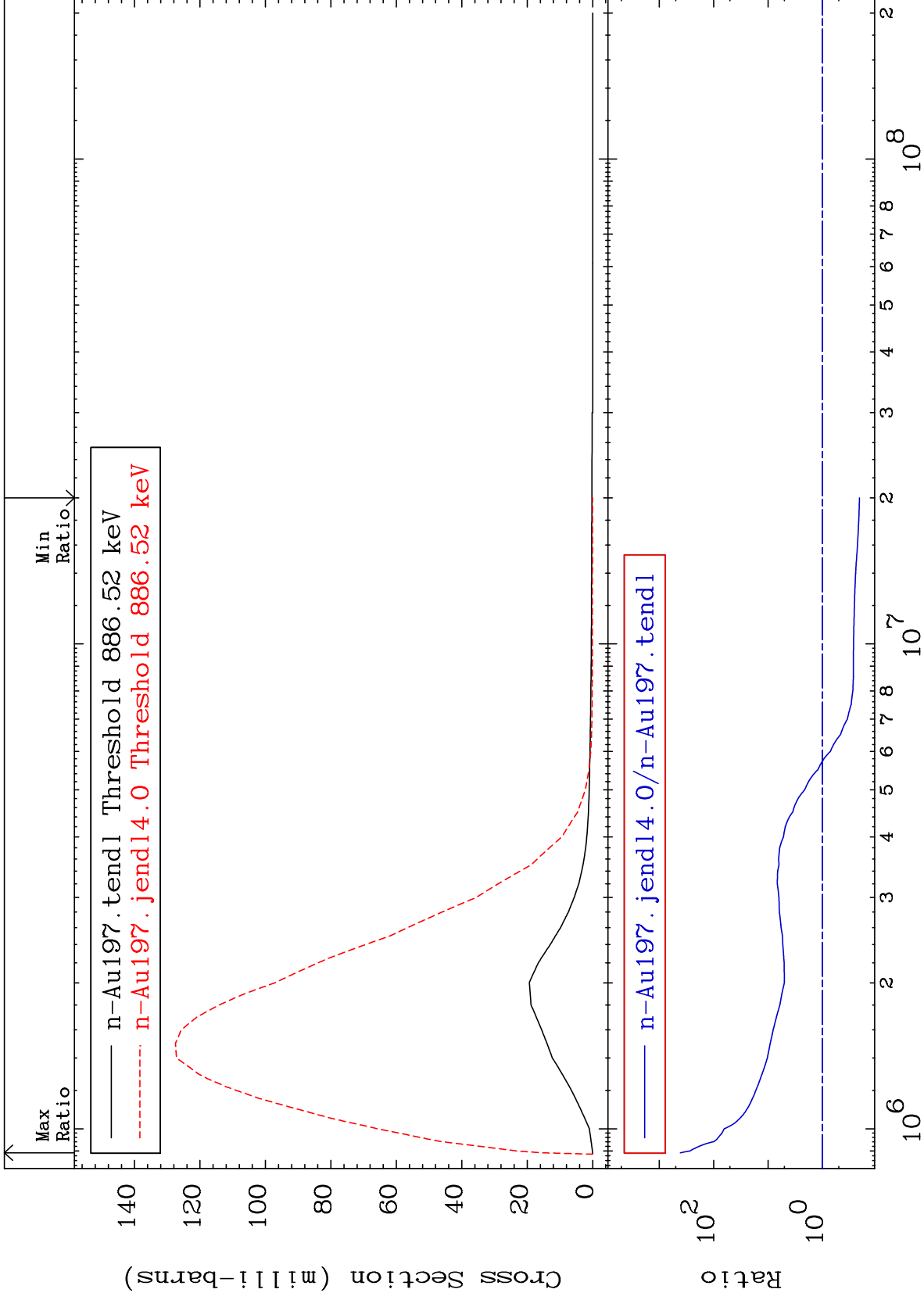
Incident Energy (eV)

79-Au-197

MAT 7925

MT= 60 (n,n') Level  
Cross Section

79-Au-197  
-79.13 To 9999. %



21

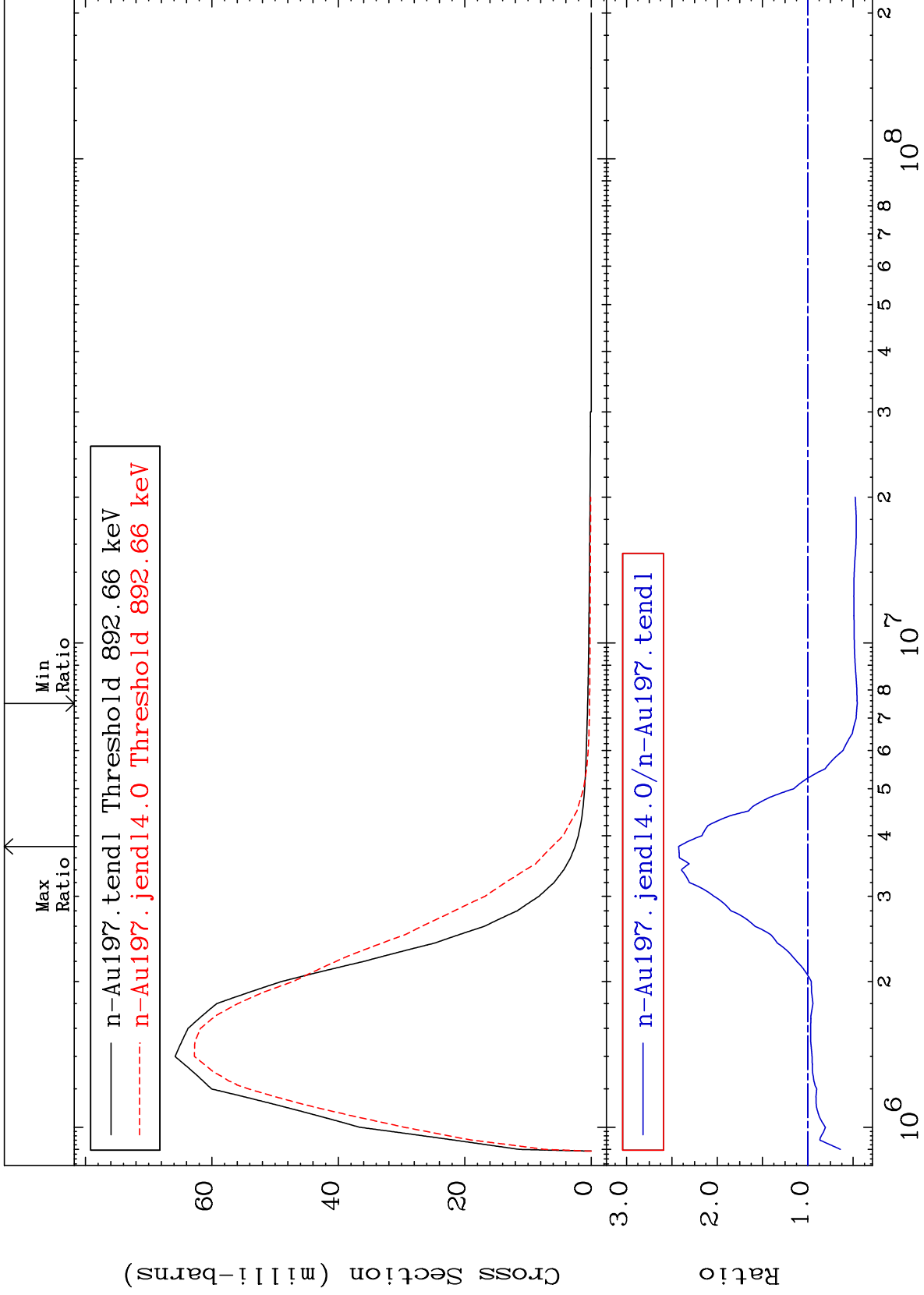
Incident Energy (eV)

79-Au-197

MAT 7925

MT= 61 (n,n') Level  
Cross Section

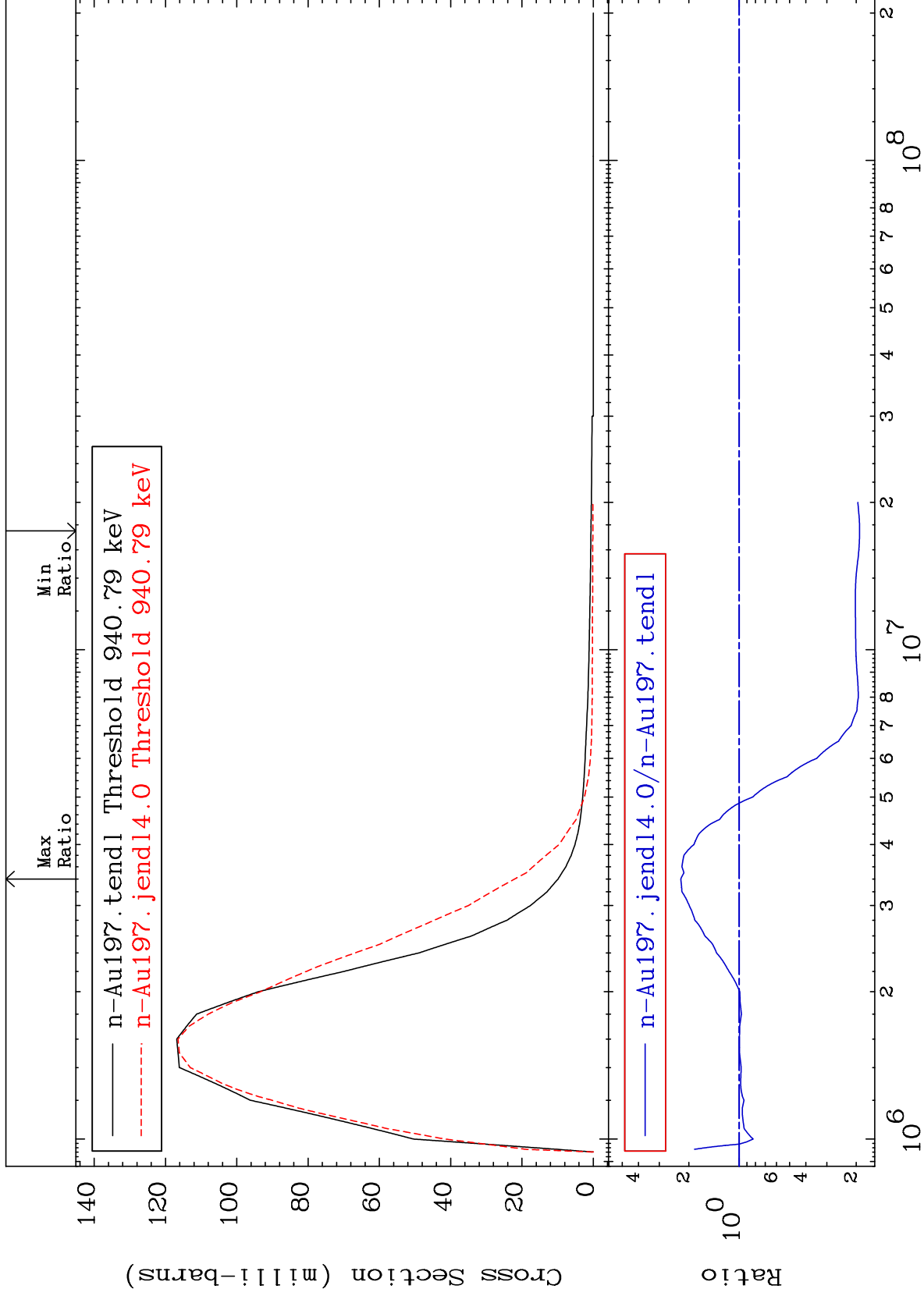
79-Au-197  
-54.52 To 142.5 %



MAT 7925

MT= 62 (n, n') Level  
Cross Section

79-Au-197  
-80.87 To 123.4 %



23

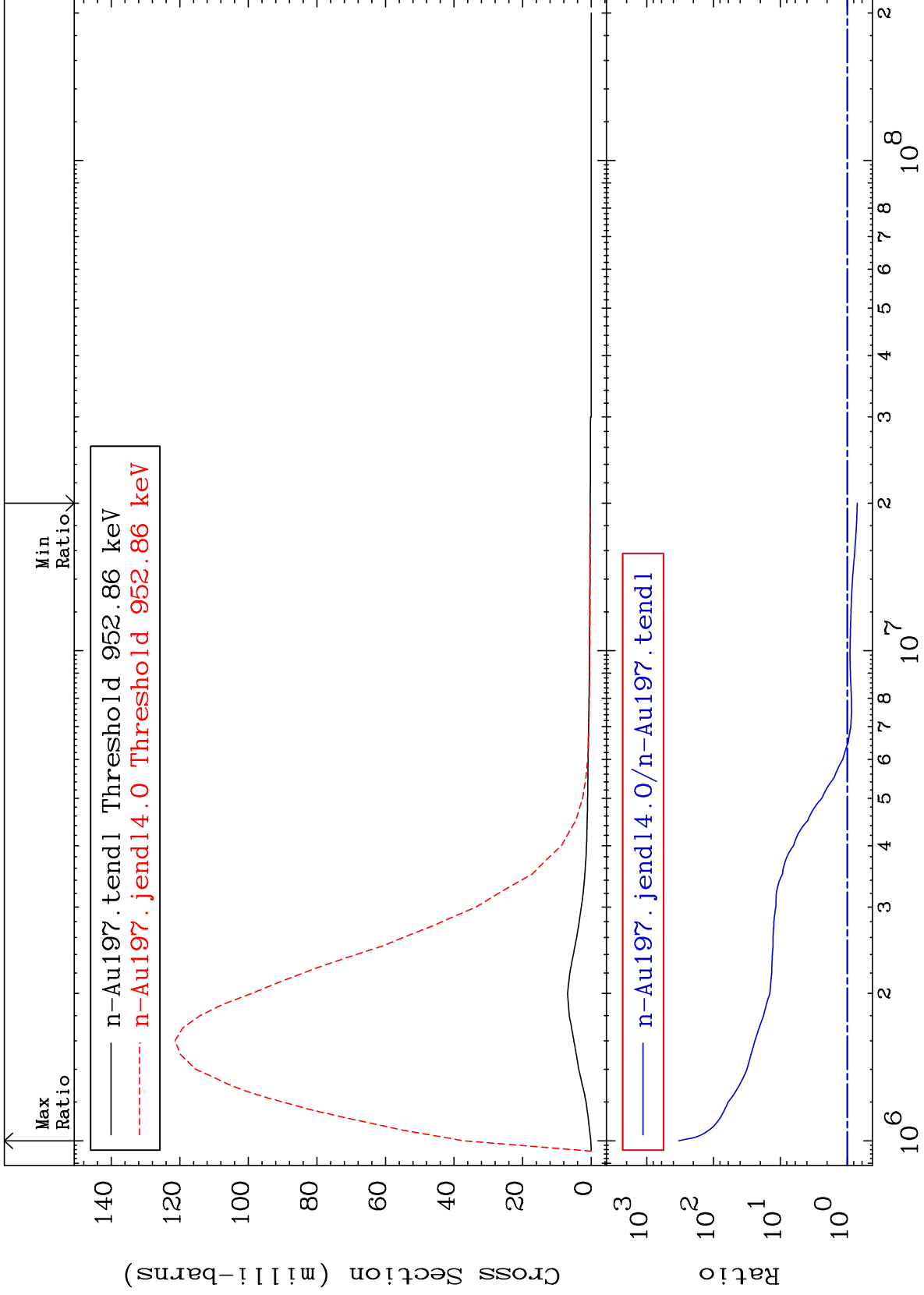
Incident Energy (eV)

79-Au-197

MAT 7925

MT= 63 (n, n') Level  
Cross Section

79-Au-197  
-29.35 To 9999. %

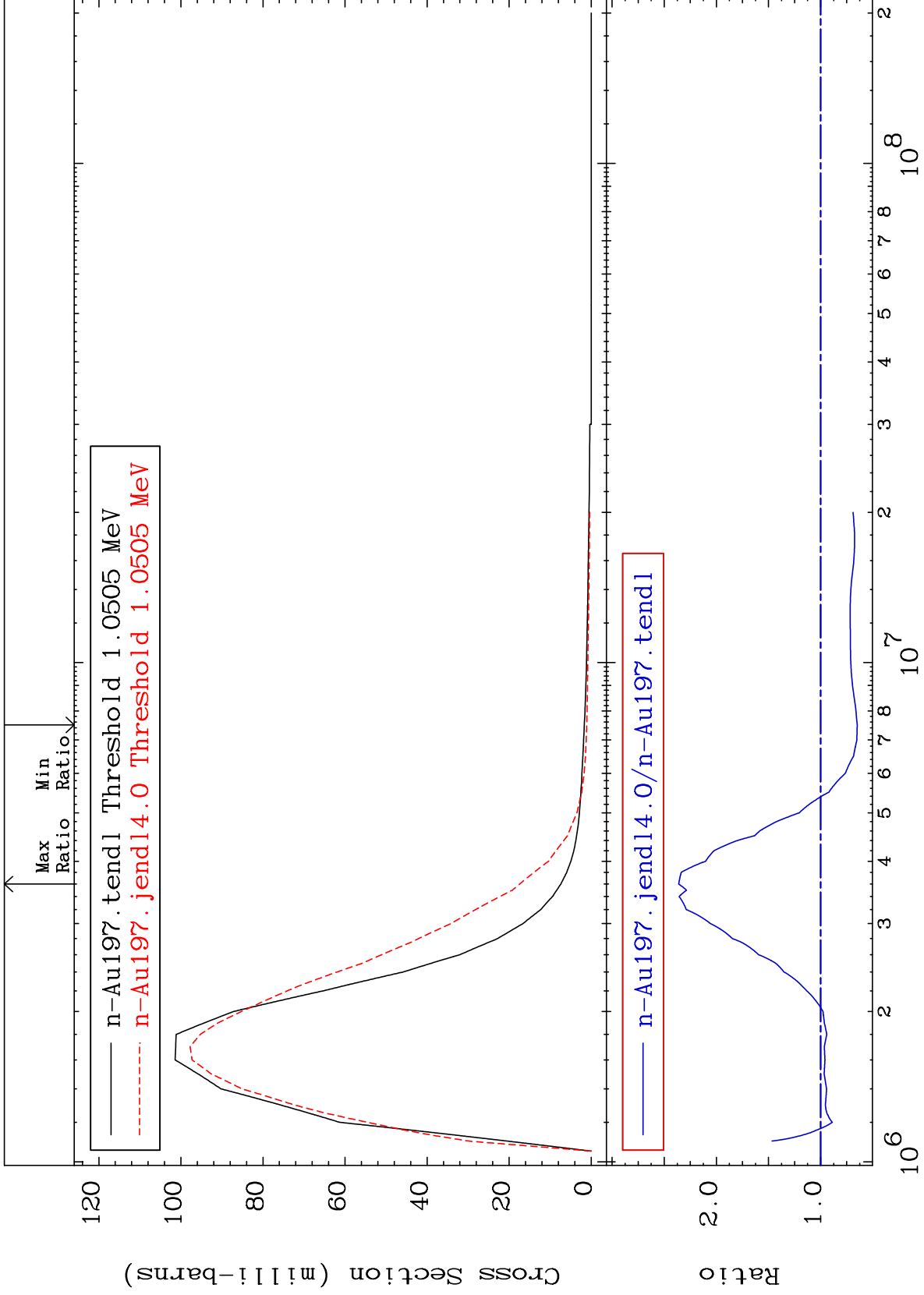




MAT 7925

MT= 64 (n,n') Level  
Cross Section

79-Au-197  
-35.09 To 136.2 %



25

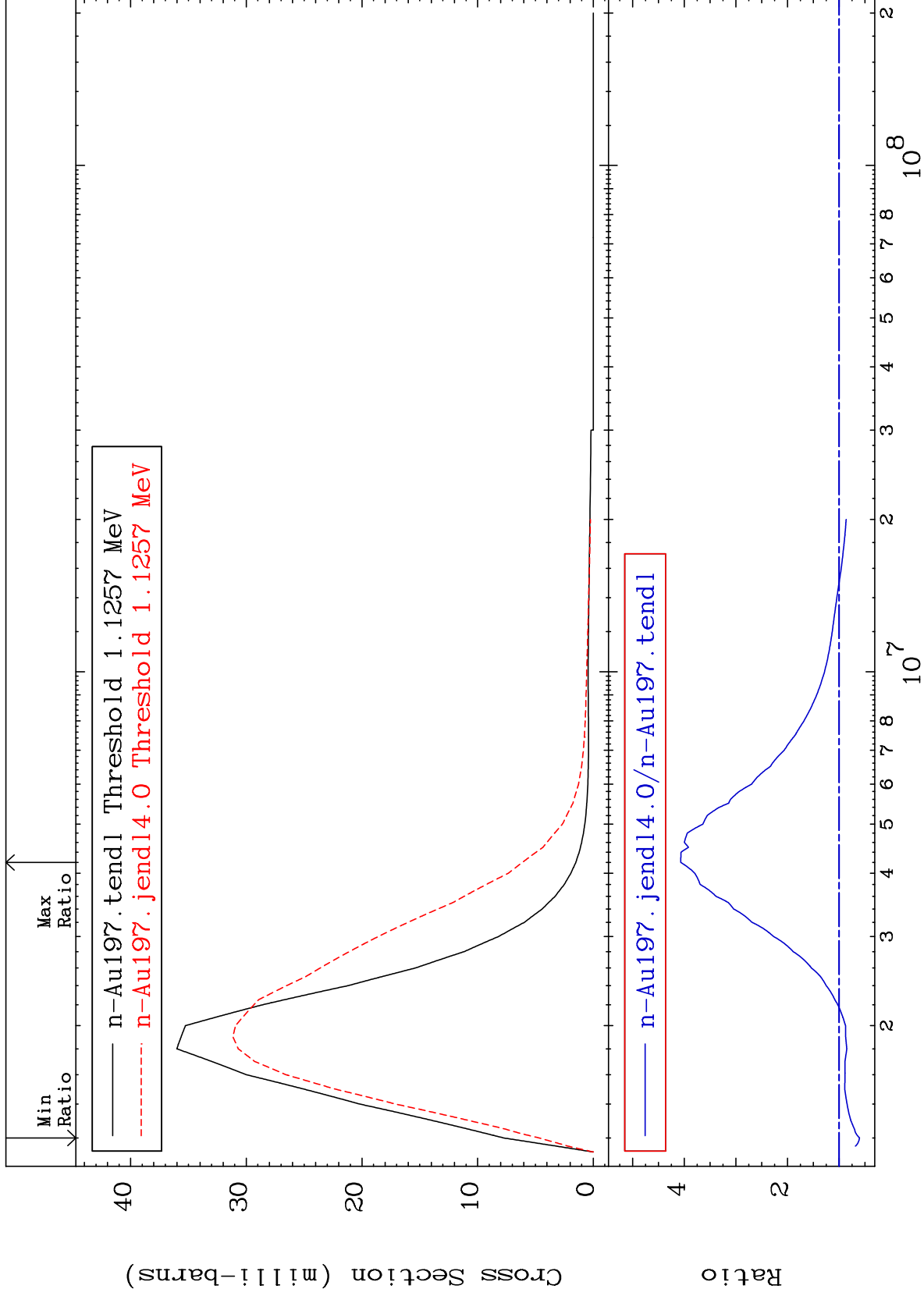
Incident Energy (eV)

79-Au-197

MAT 7925

MT= 65 (n,n') Level  
Cross Section

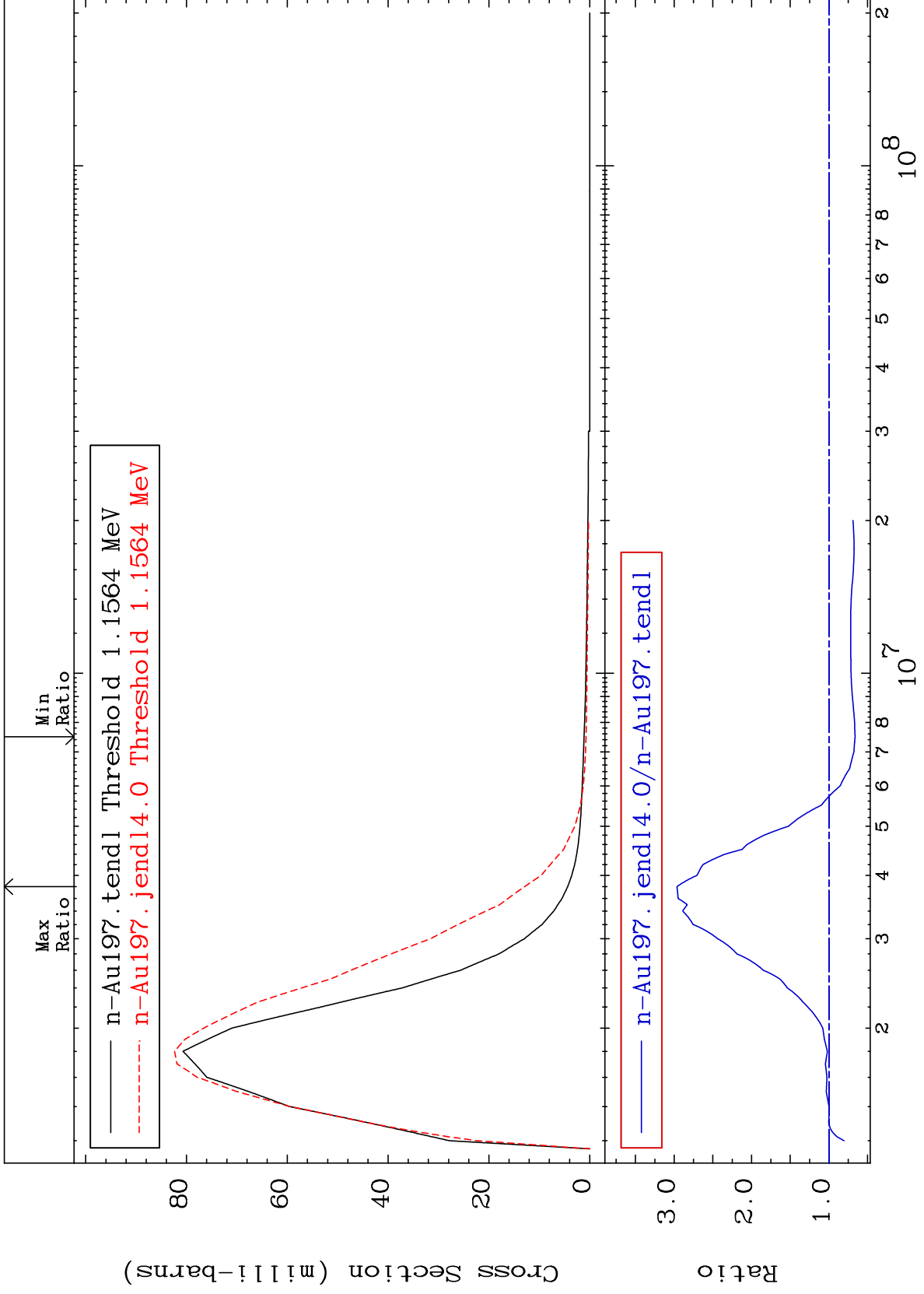
79-Au-197  
-39.48 To 306.6 %



MAT 7925

MT= 66 (n,n') Level  
Cross Section

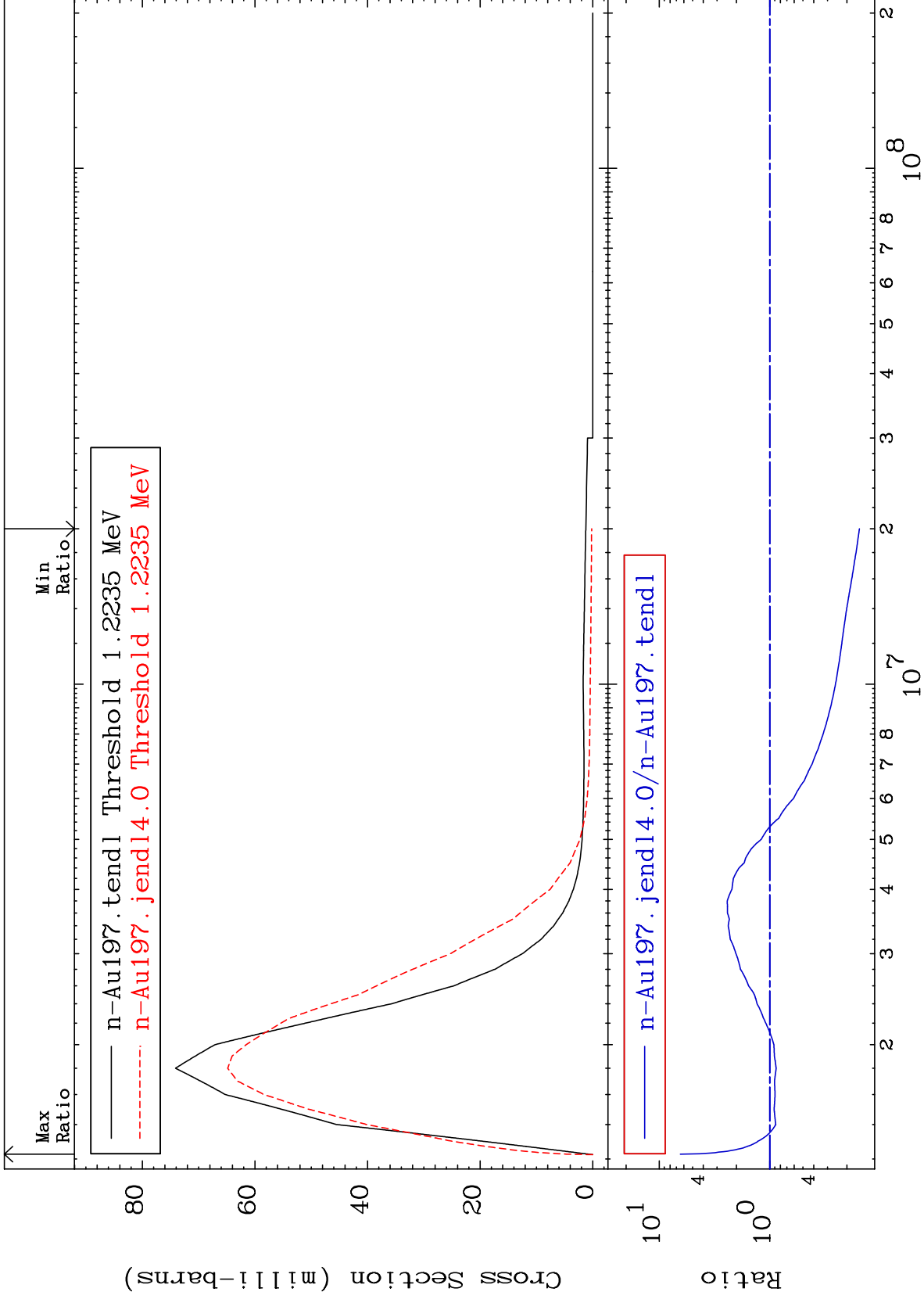
79-Au-197  
-33.80 To 196.4 %



MAT 7925

MT= 67 (n, n') Level  
Cross Section

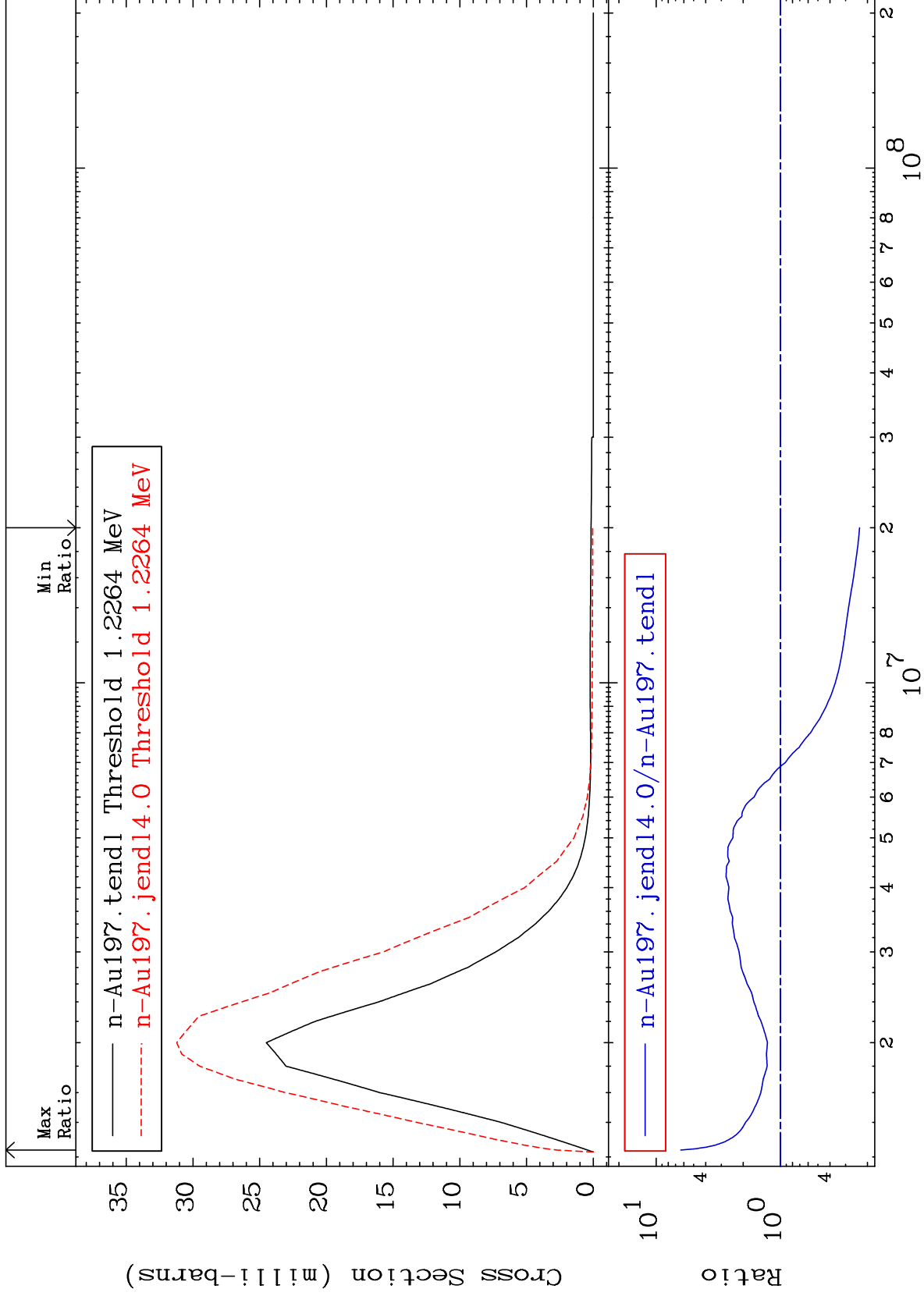
79-Au-197  
-84.59 To 544.6 %



MAT 7925

MT= 68 (n, n') Level  
Cross Section

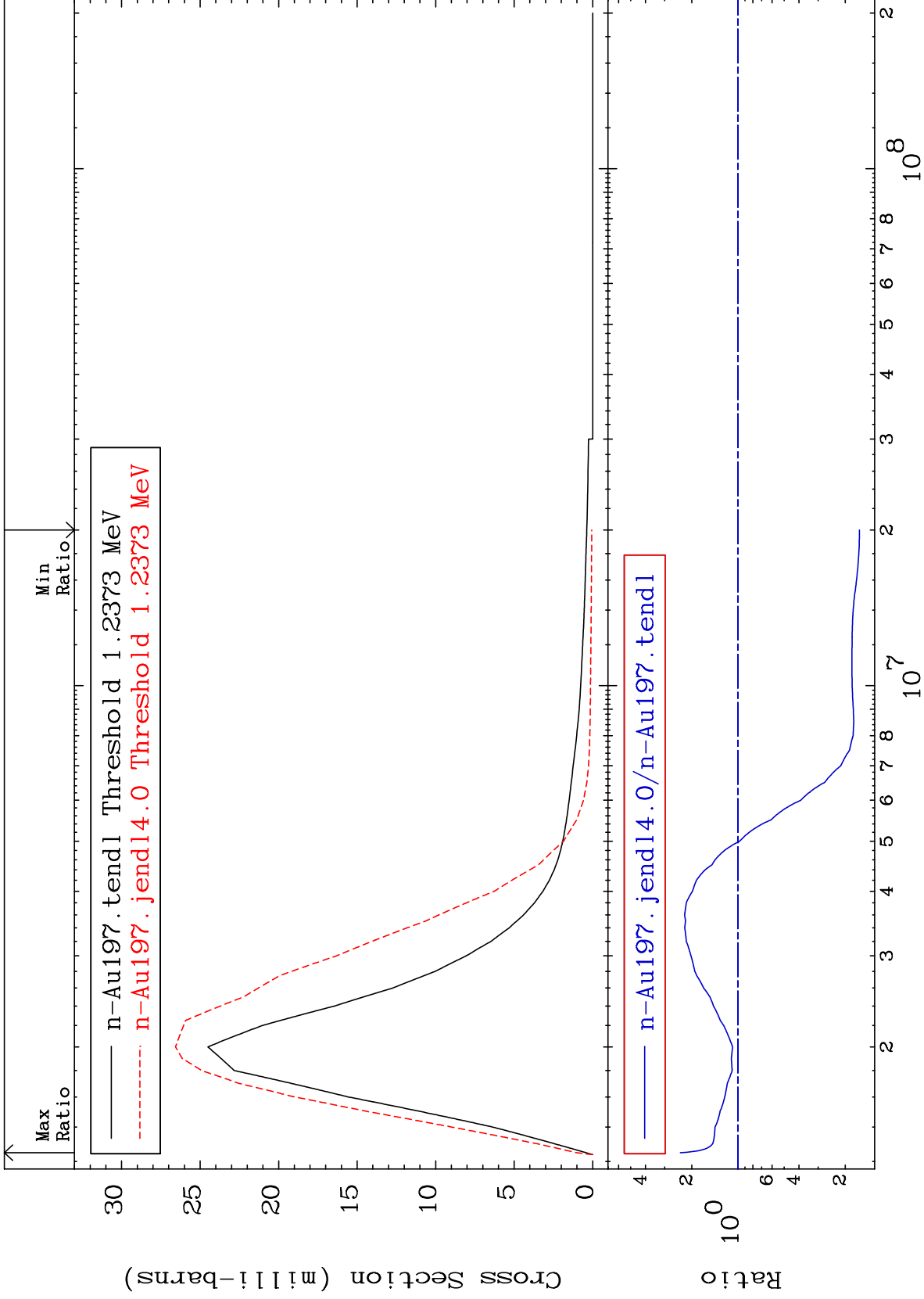
79-Au-197  
-76.87 To 534.9 %



MAT 7925

MT= 69 (n,n') Level  
Cross Section

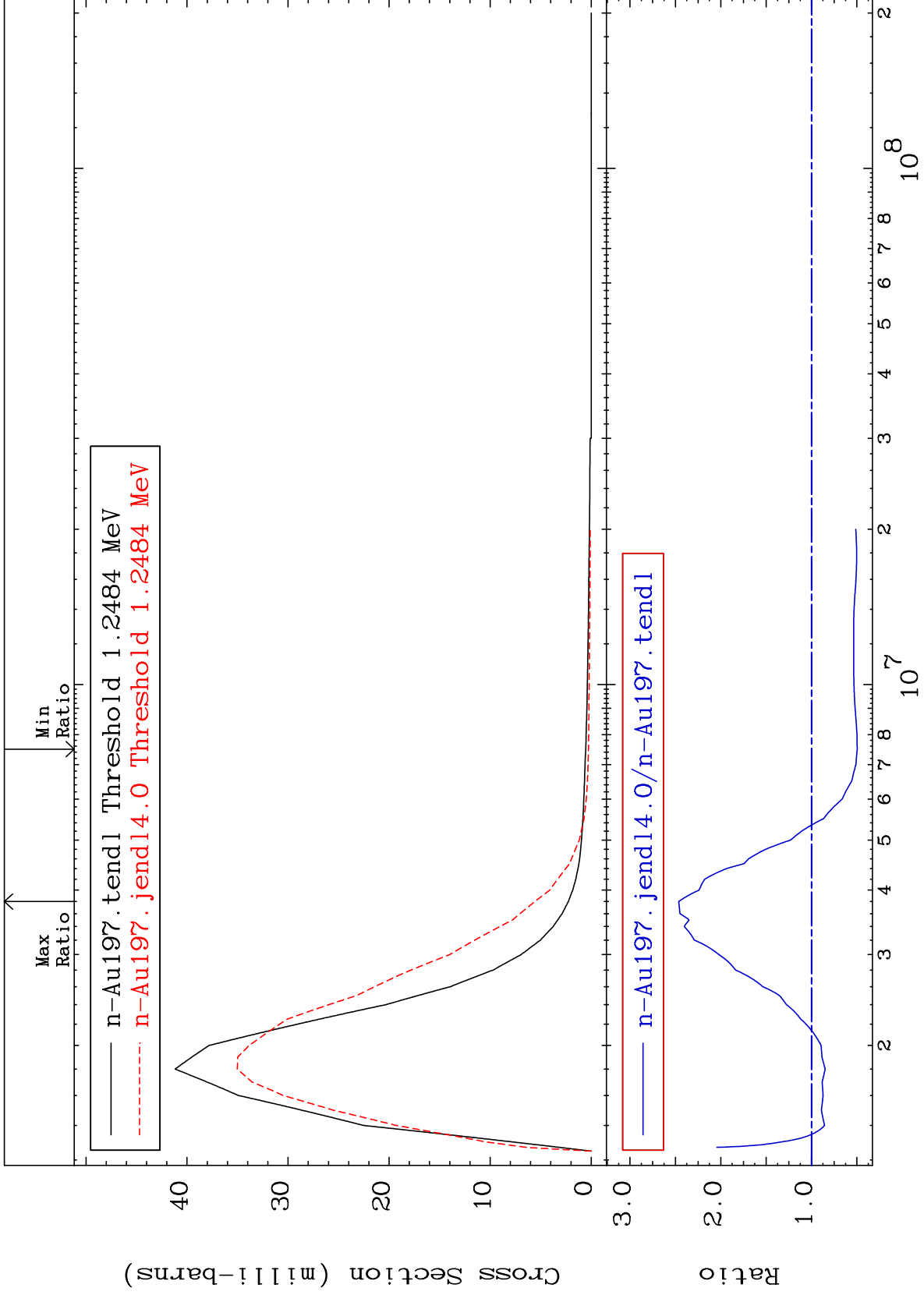
79-Au-197  
-83.85 To 137.3 %



MAT 7925

MT= 70 (n,n') Level  
Cross Section

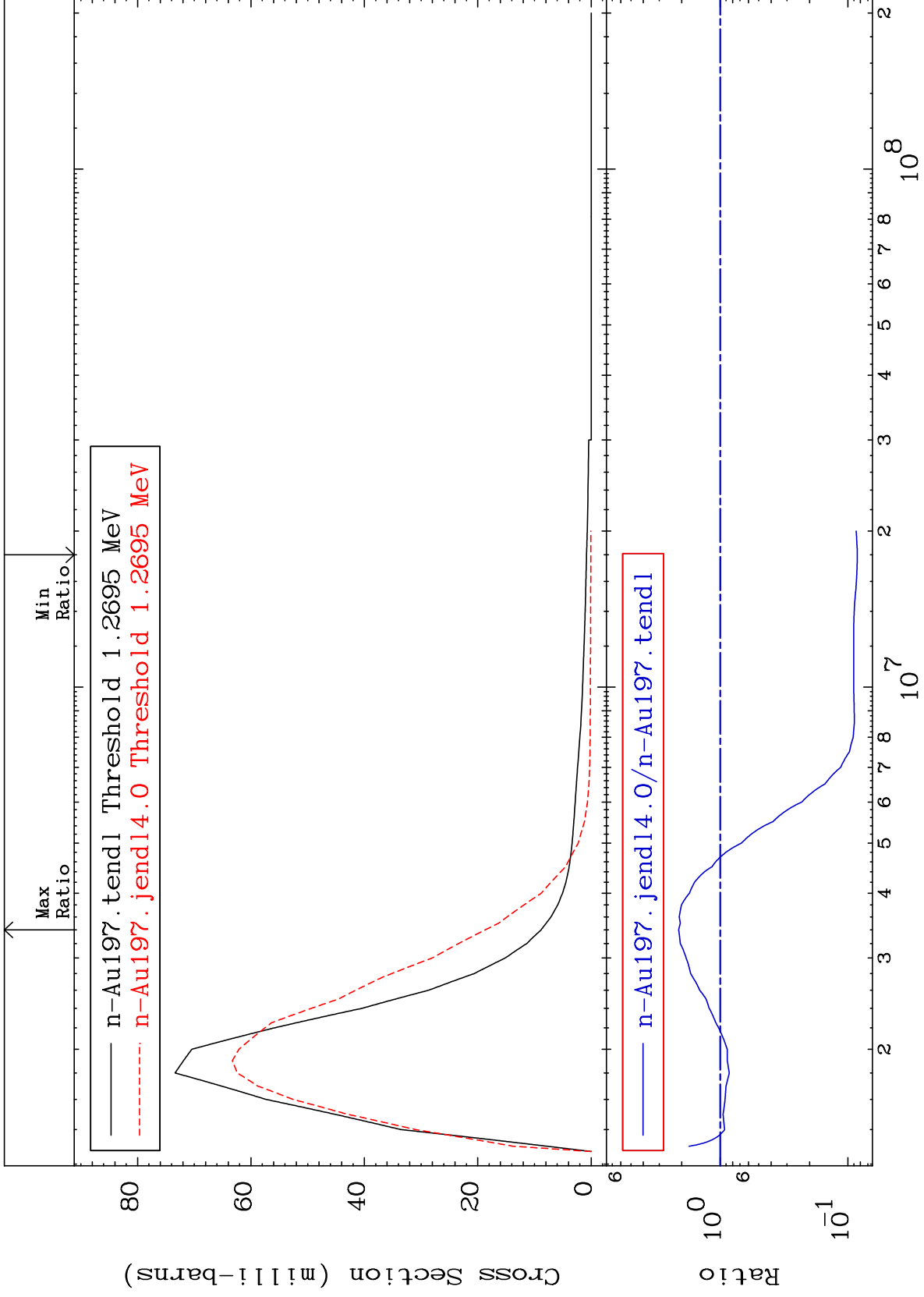
79-Au-197  
-50.36 To 146.4 %



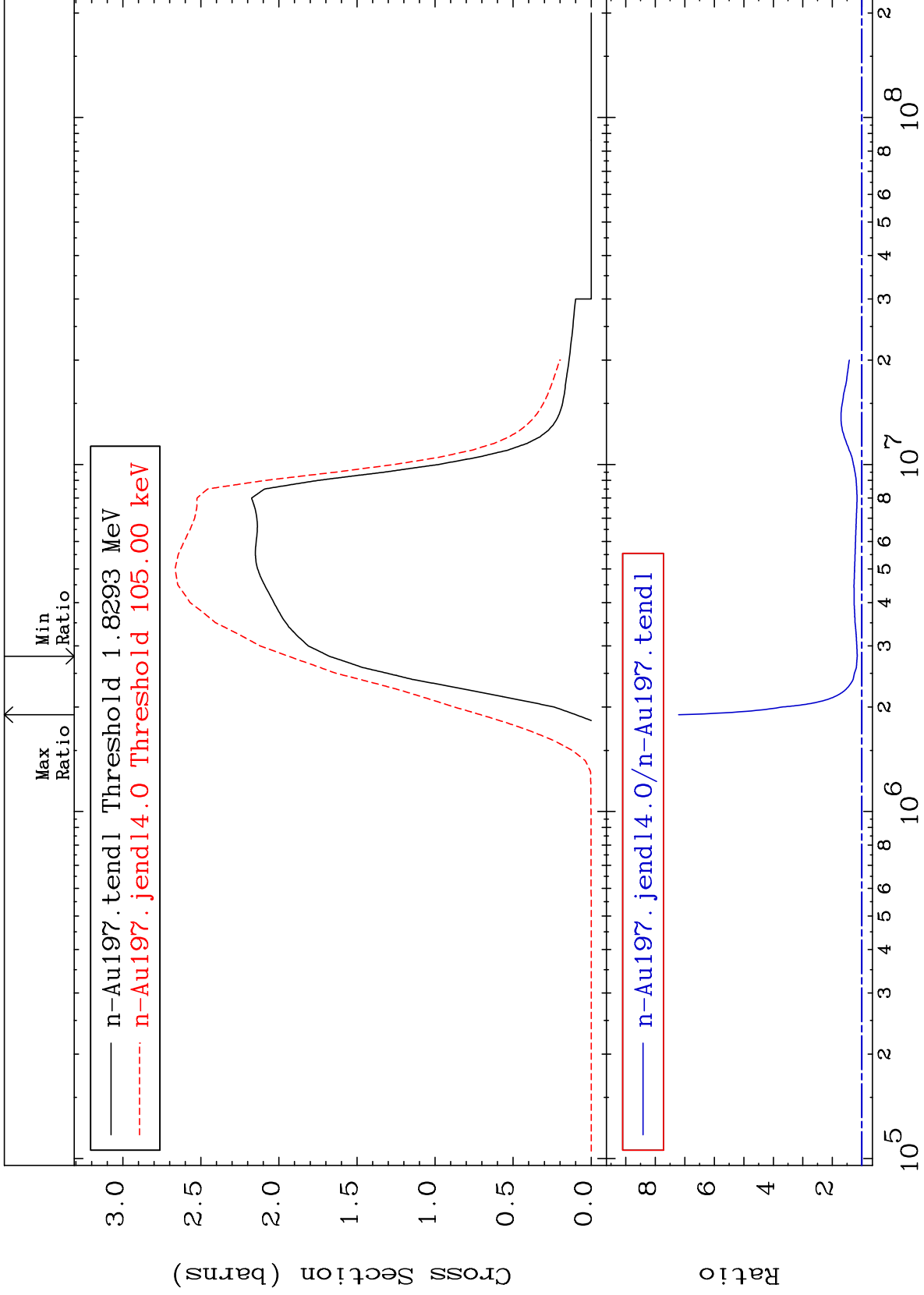
MAT 7925

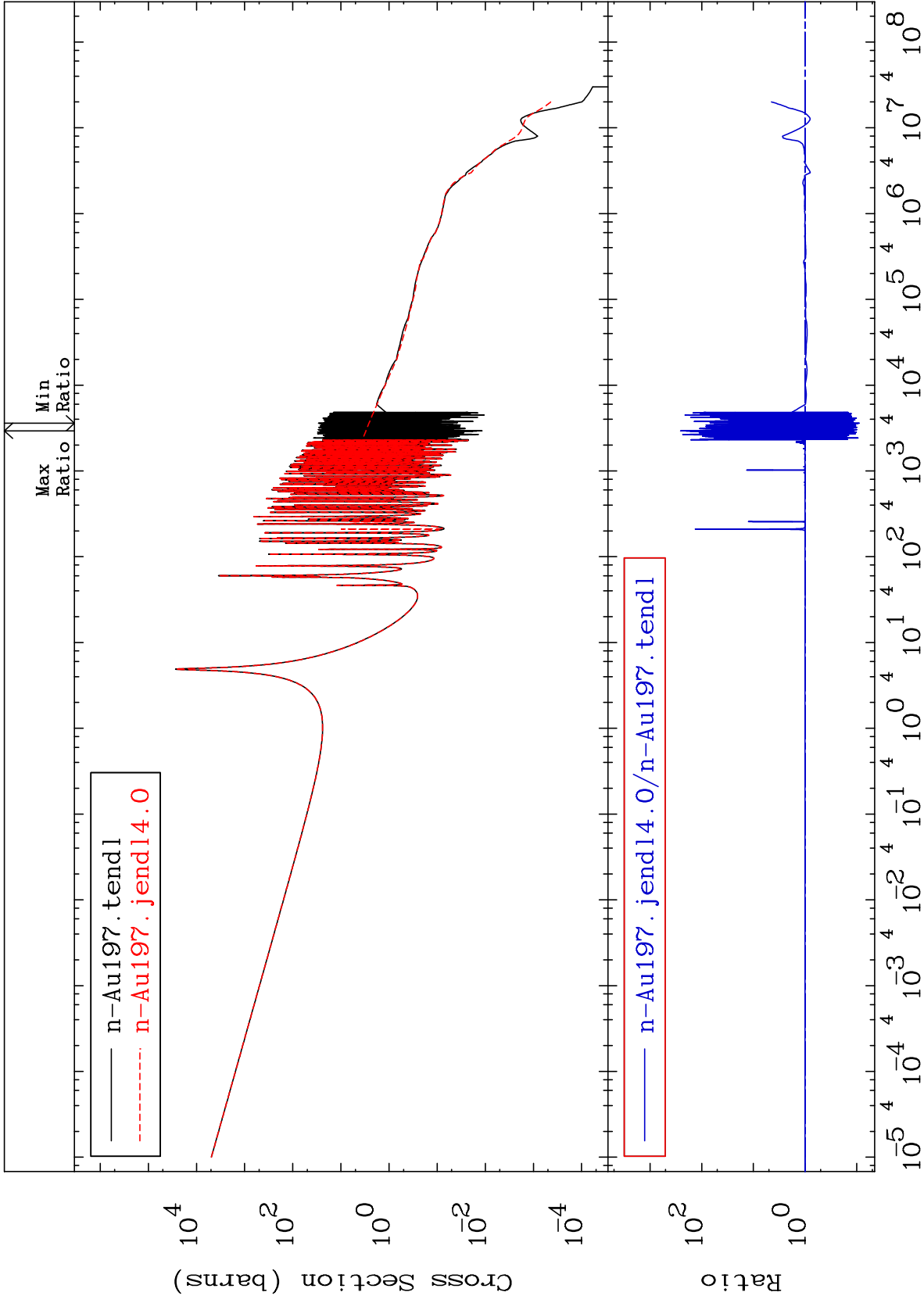
MT= 71 (n,n') Level  
Cross Section

79-Au-197  
-91.54 To 111.6 %









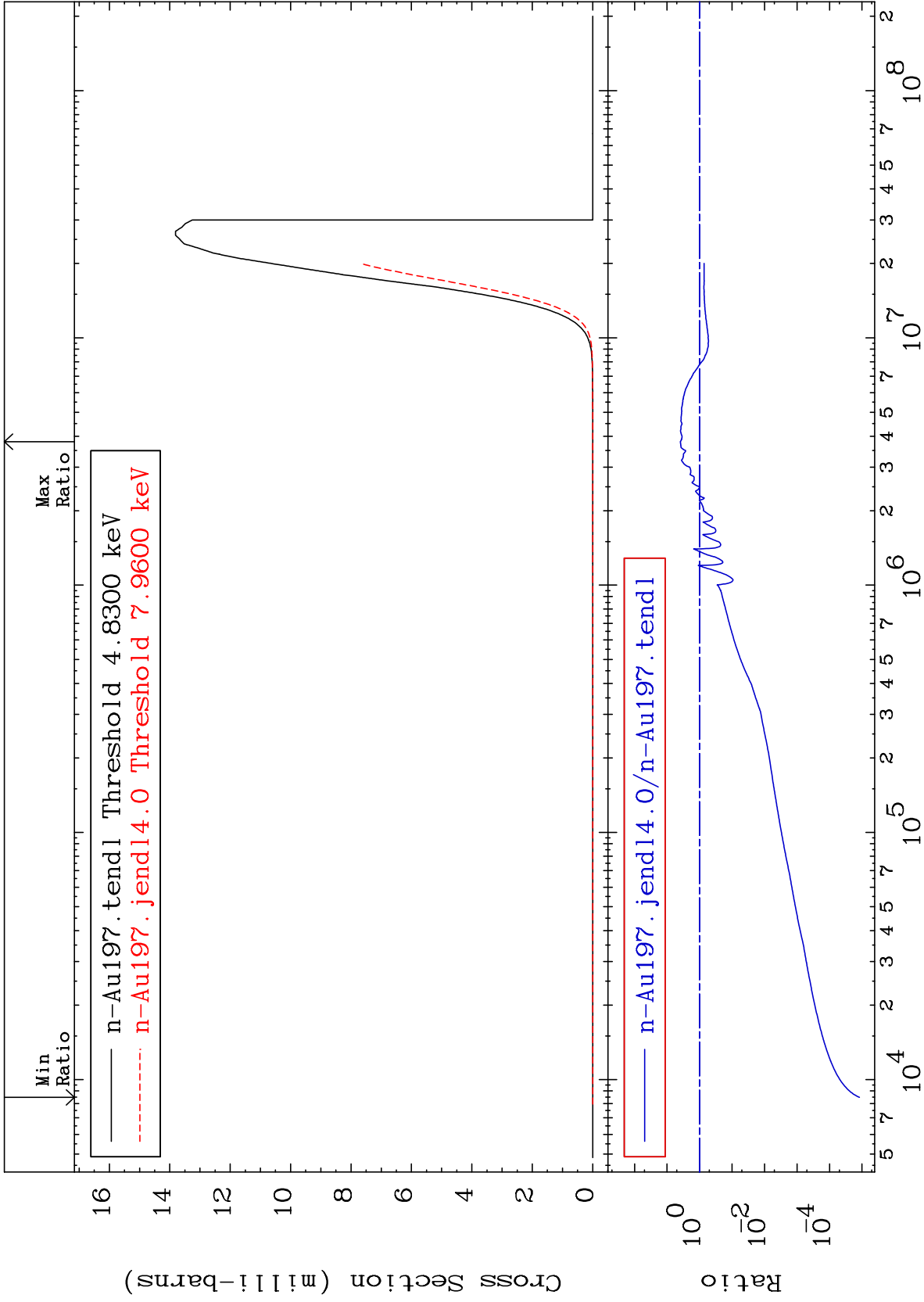
MAT 7925

(n, p)

79-Au-197

Cross Section

-100.0 To 289.9 %



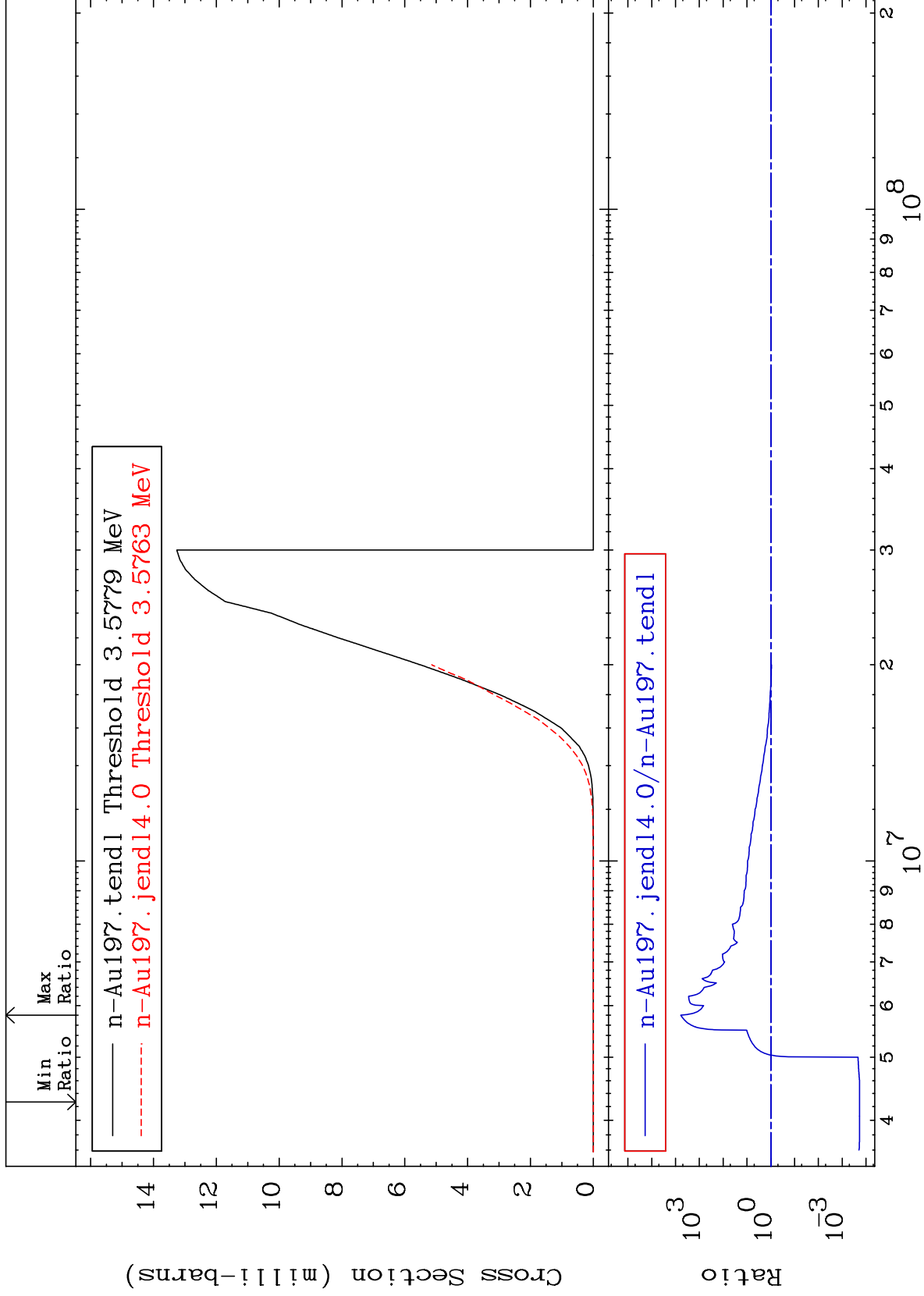
MAT 7925

(n, d)

79-Au-197

Cross Section

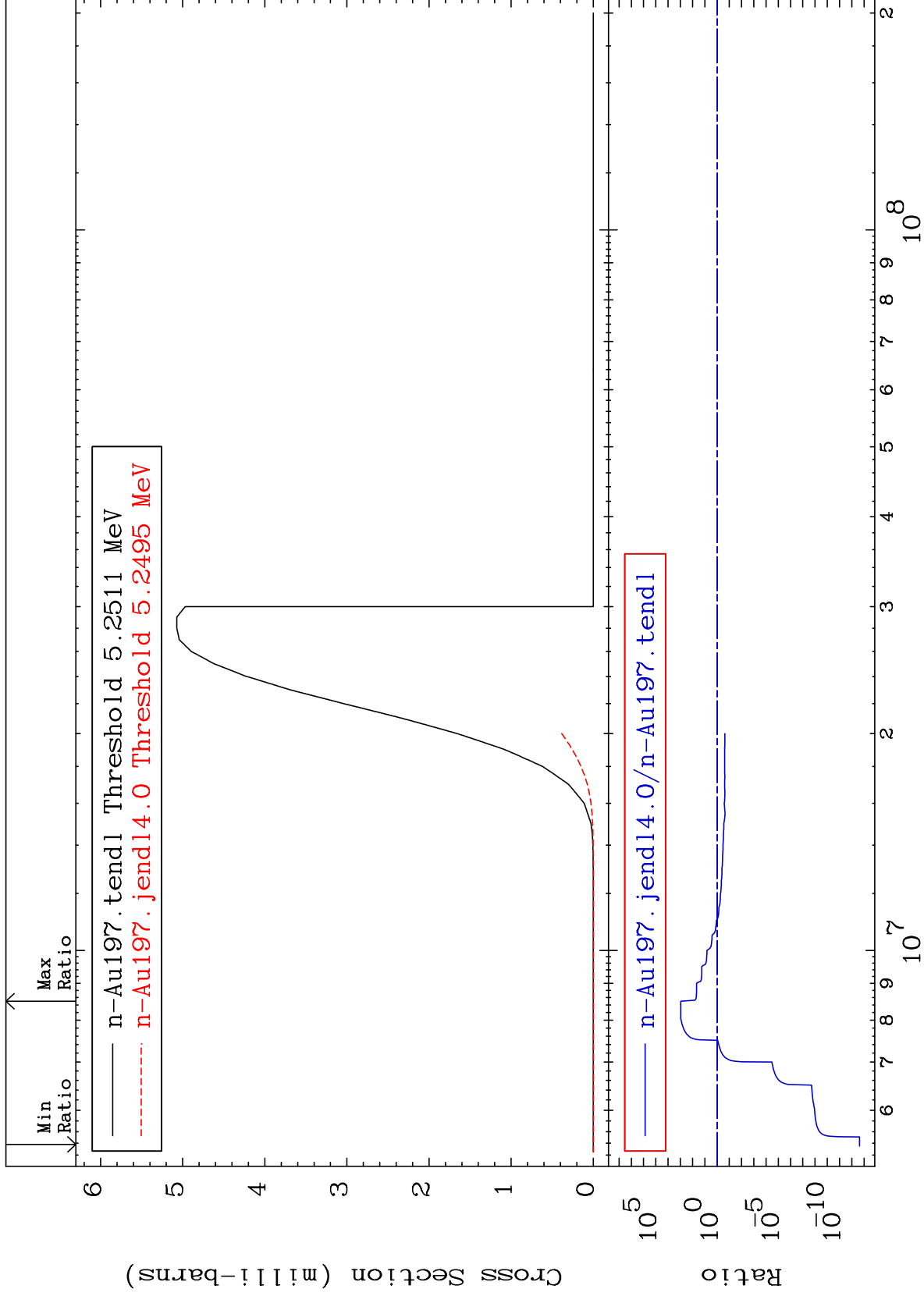
-99.98 To 9999. %



MAT 7925

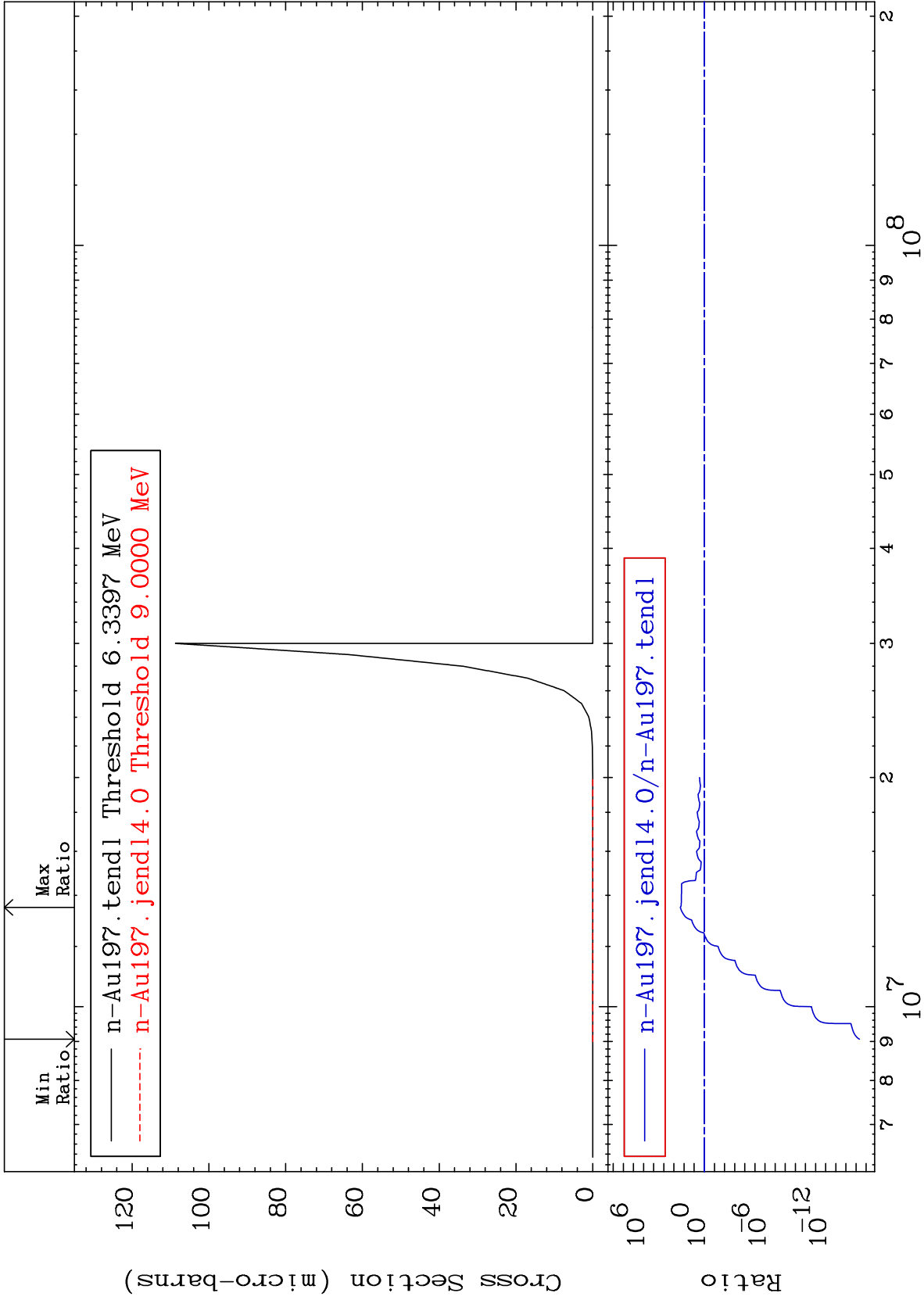
(n, t)  
Cross Section

79-Au-197  
-100.0 To 9999. %



Cross Section

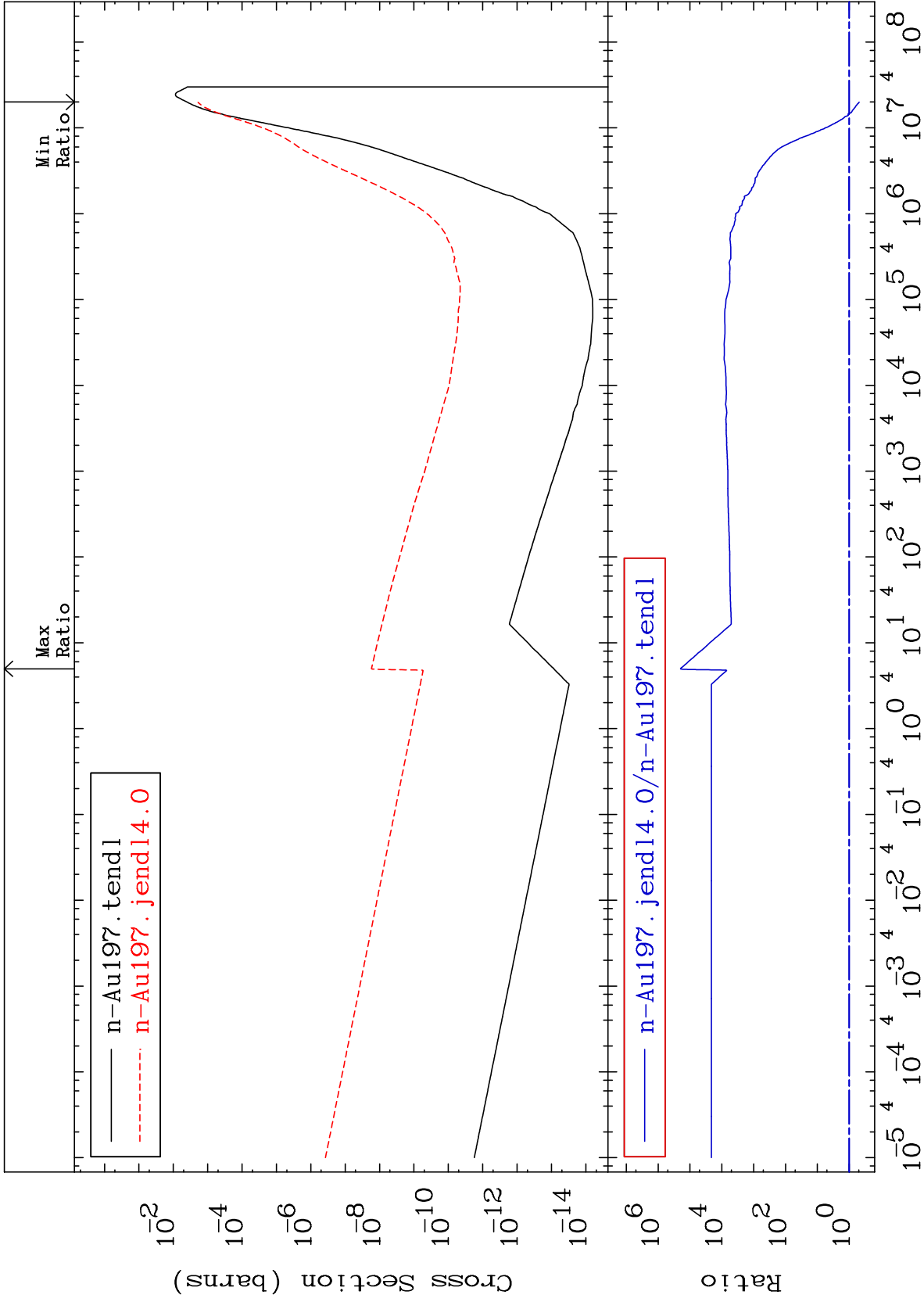
-100.0 To 9999. %

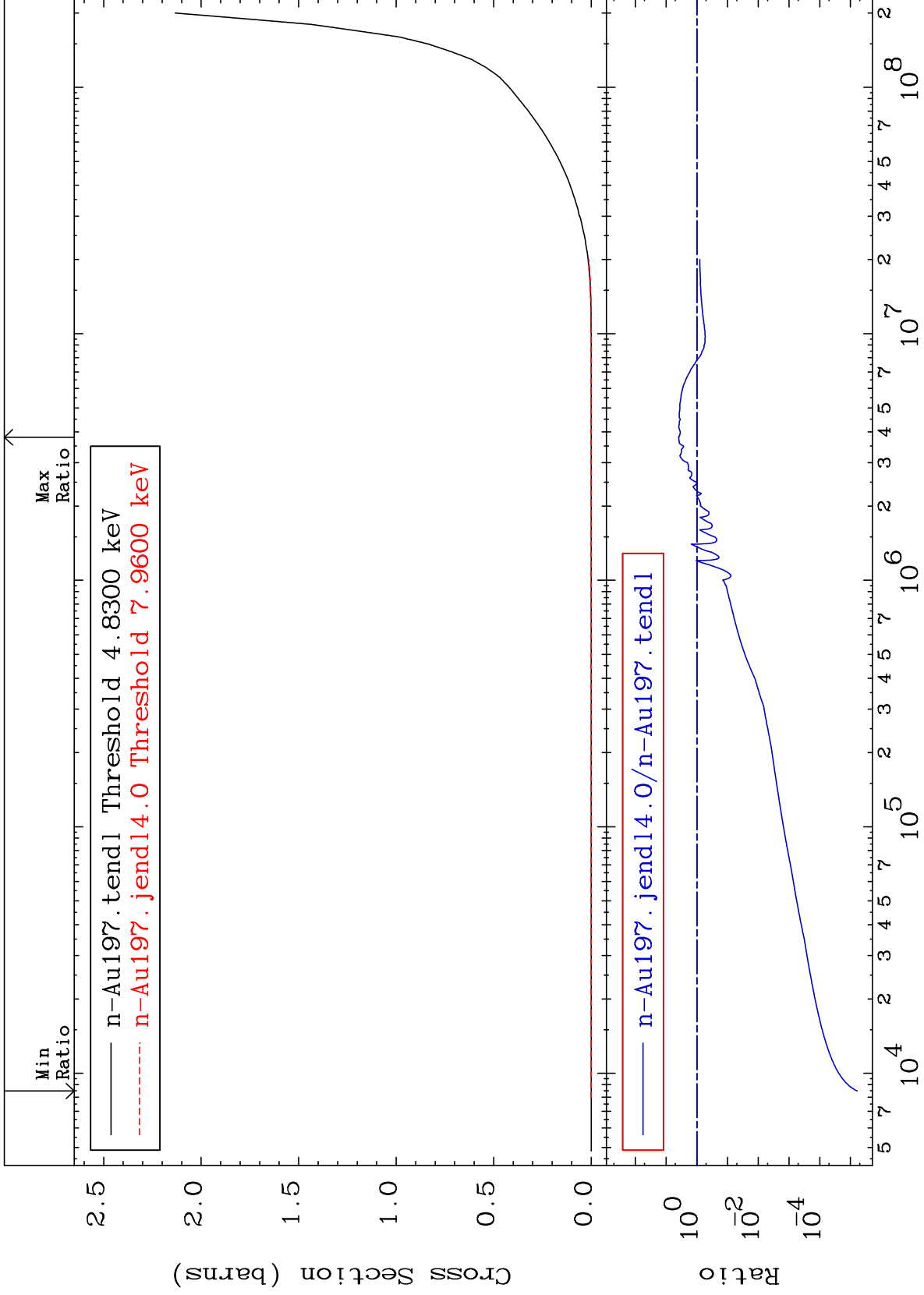


MAT 7925

(n,  $\alpha$ )  
Cross Section

79-Au-197  
-52.19 To 9999. %



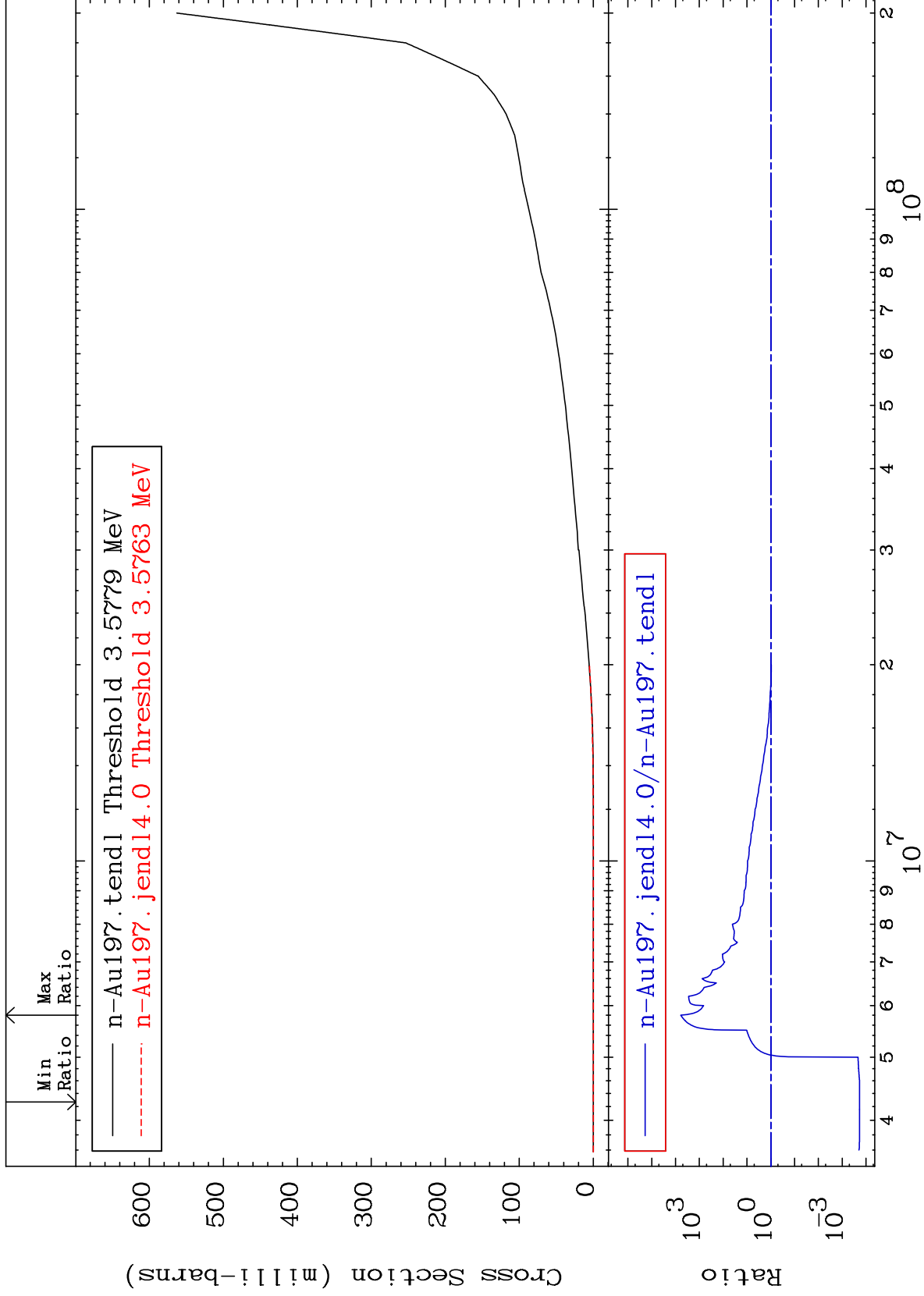




MAT 7925

### Deuterium Production Cross Section

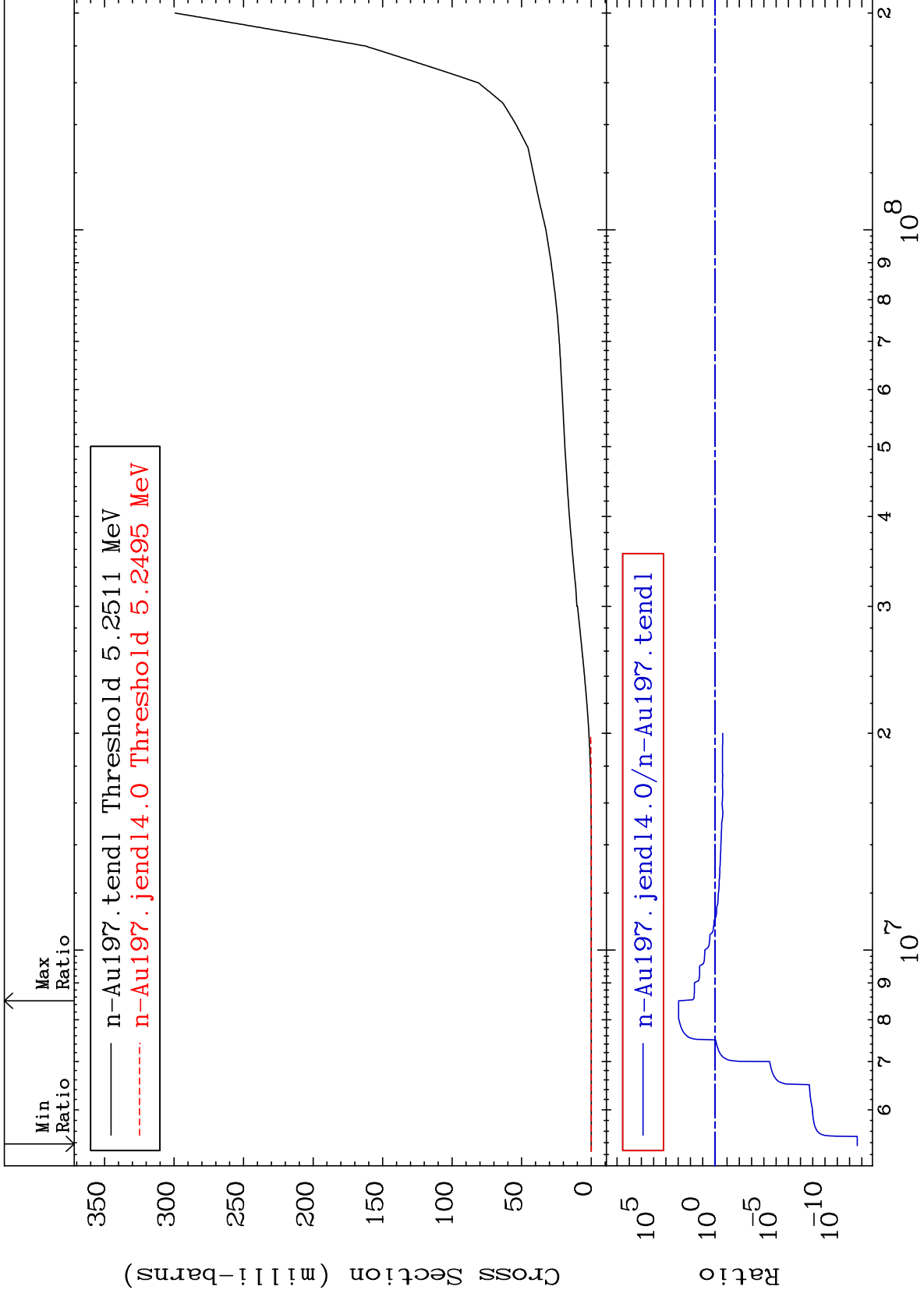
79-Au-197  
-99.98 To 9999. %



MAT 7925

### Tritium Production Cross Section

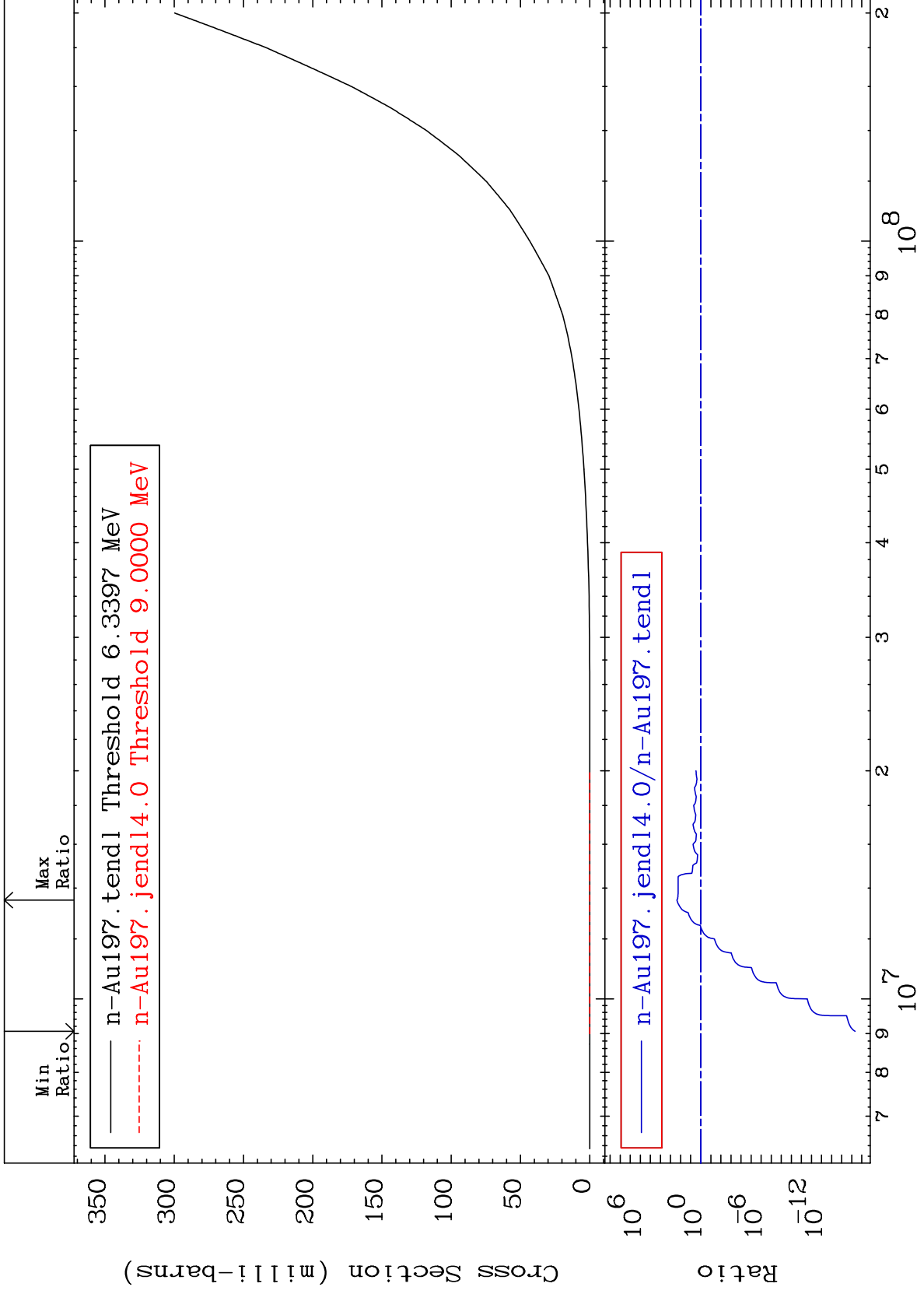
79-Au-197  
-100.0 To 9999. %

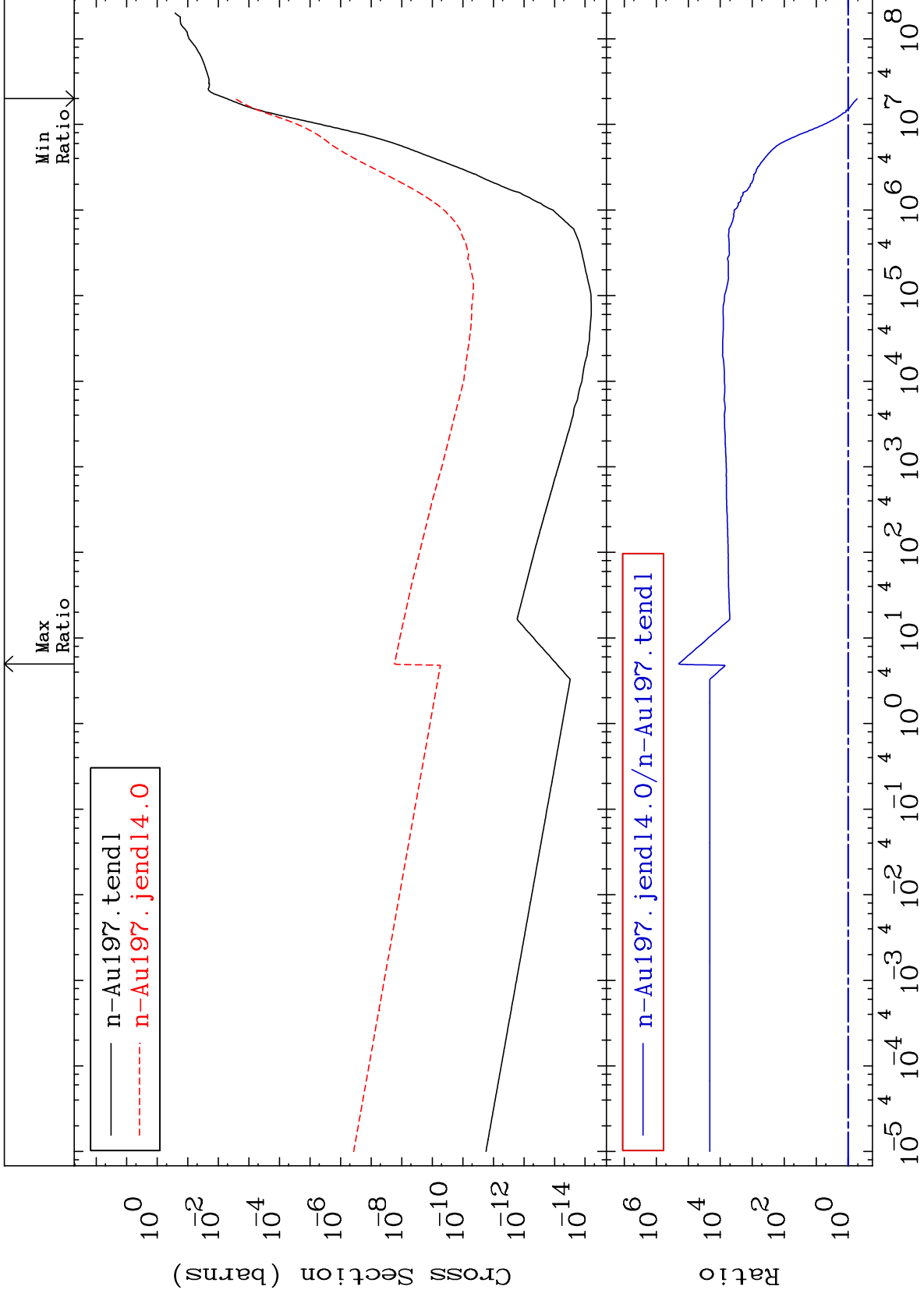


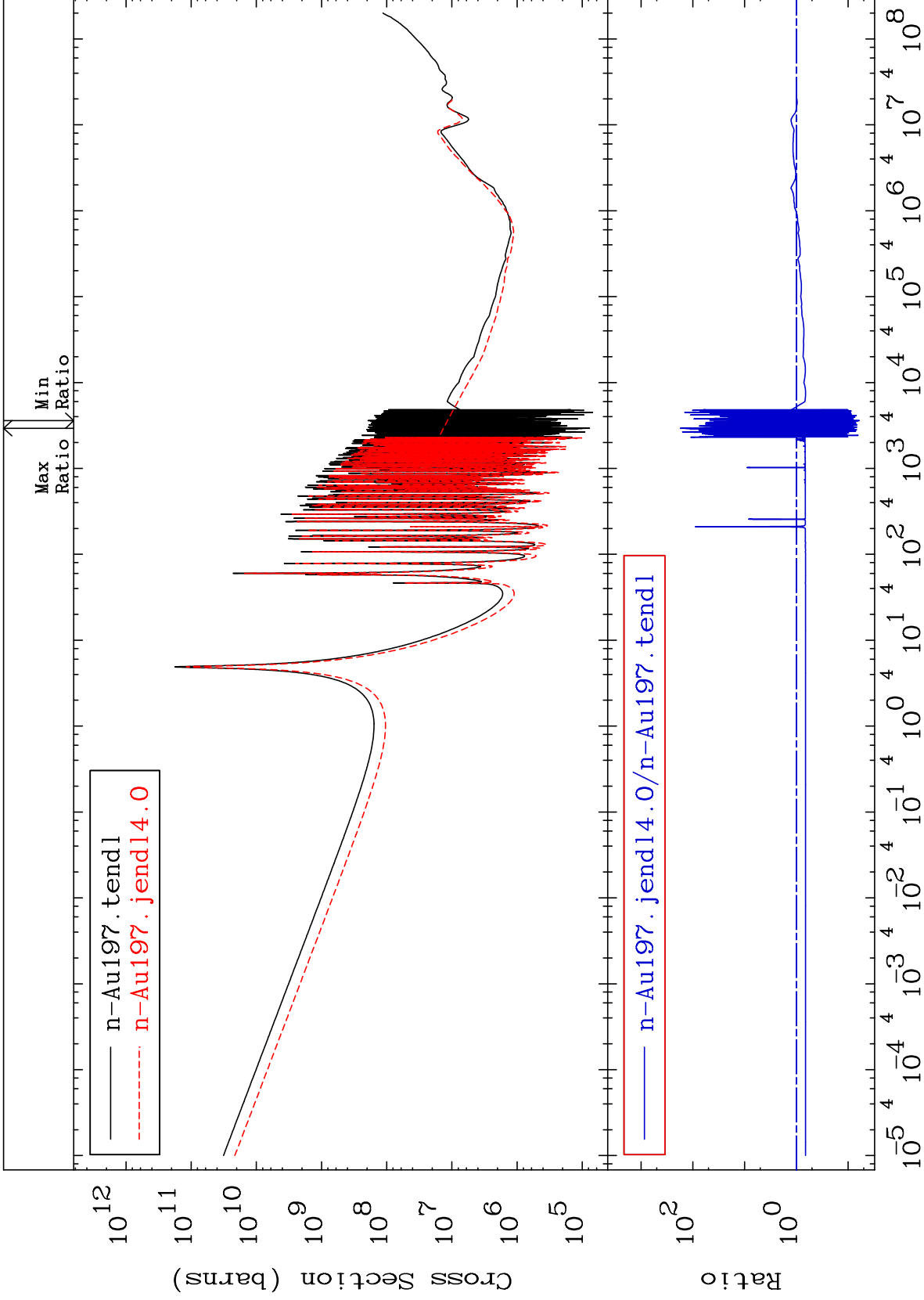
MAT 7925

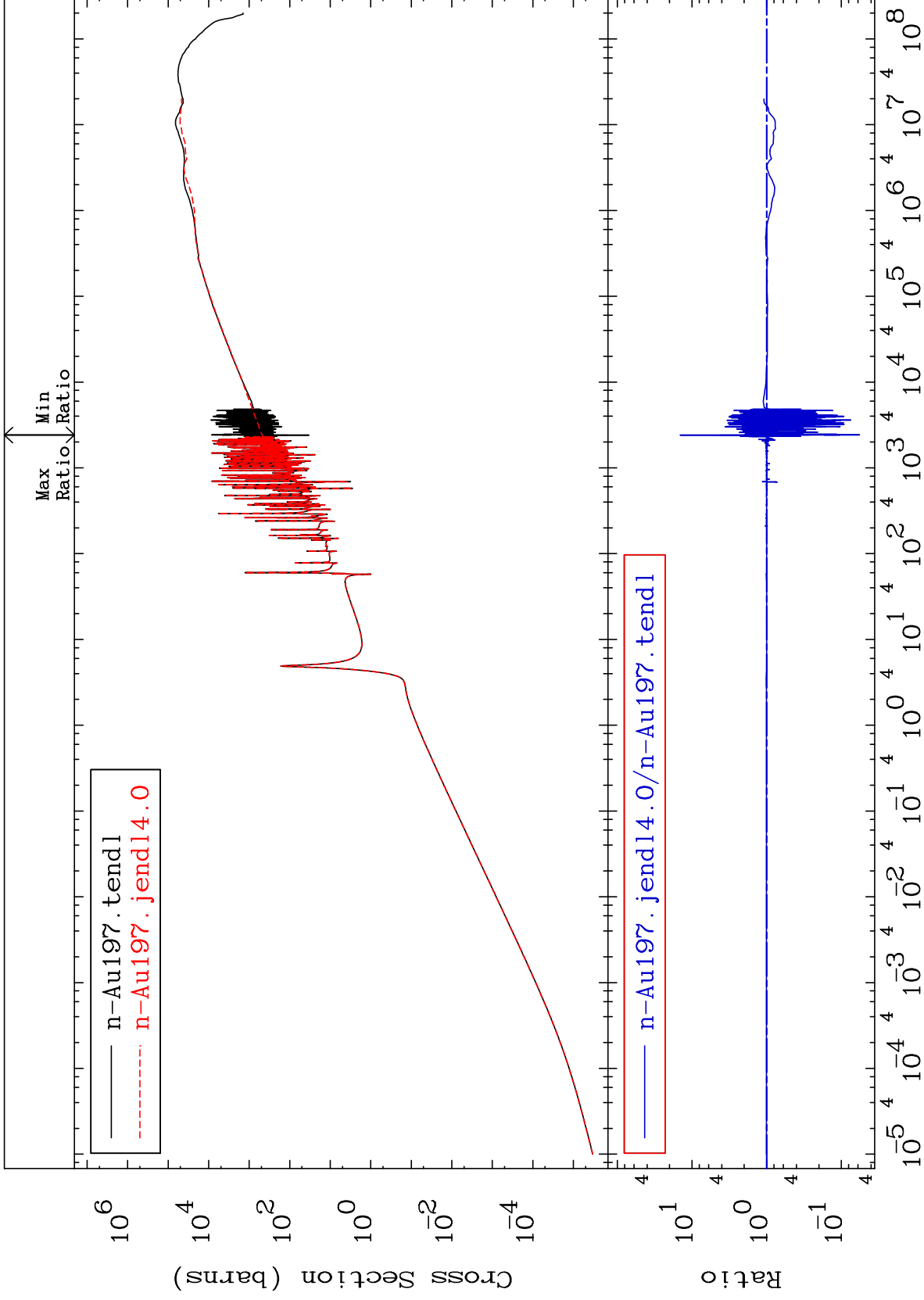
He-3 Production  
Cross Section

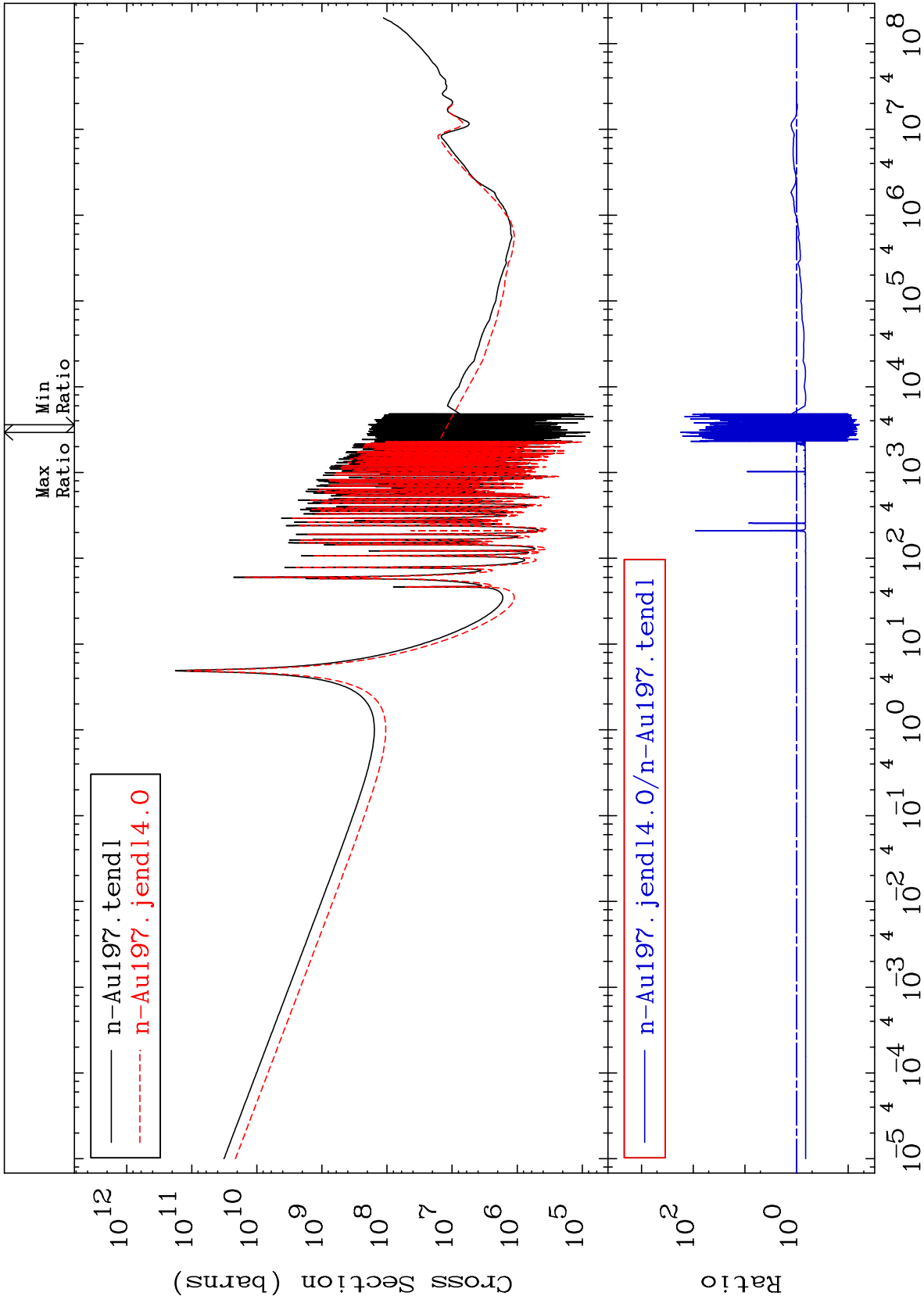
79-Au-197  
-100.0 To 9999. %

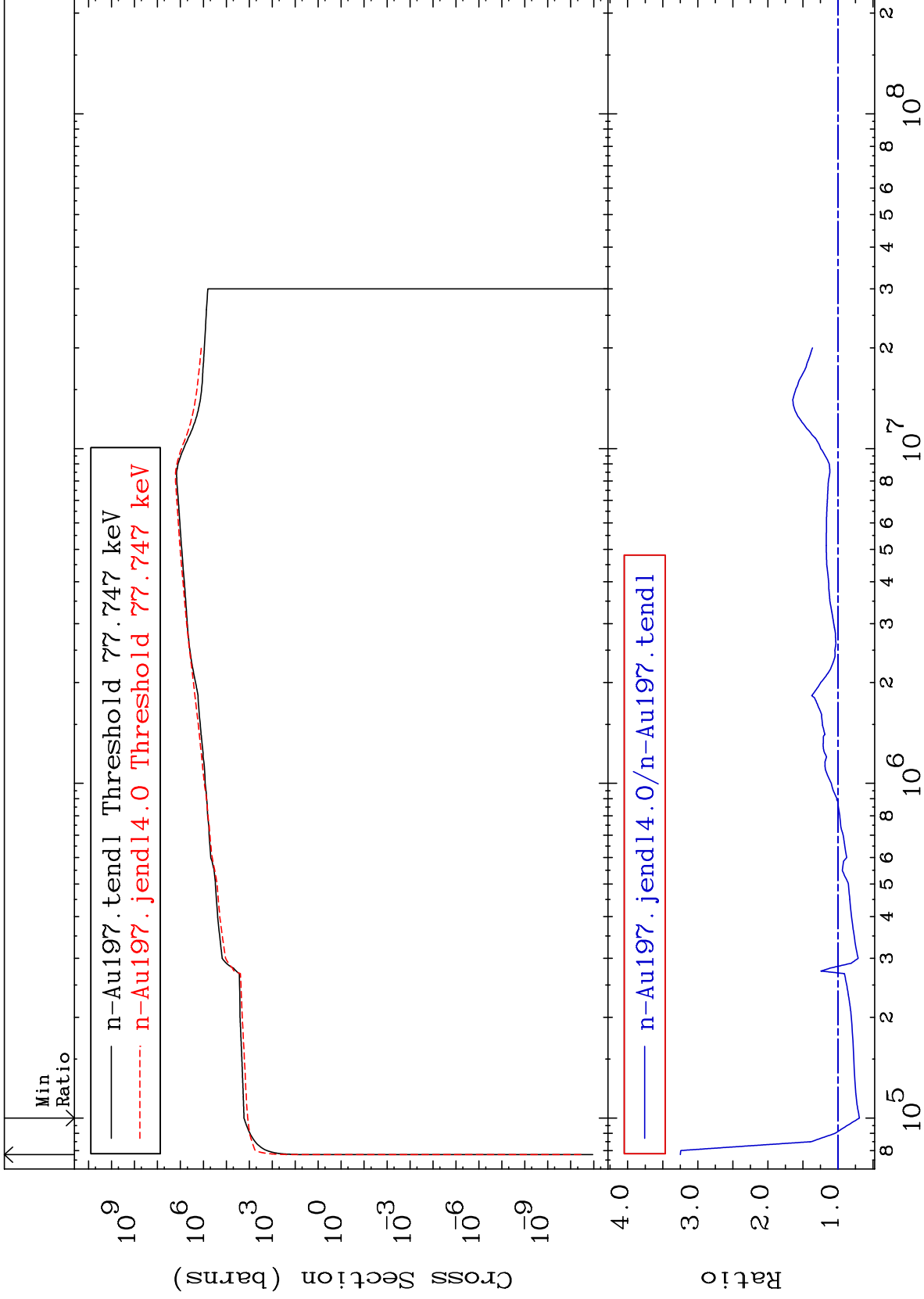










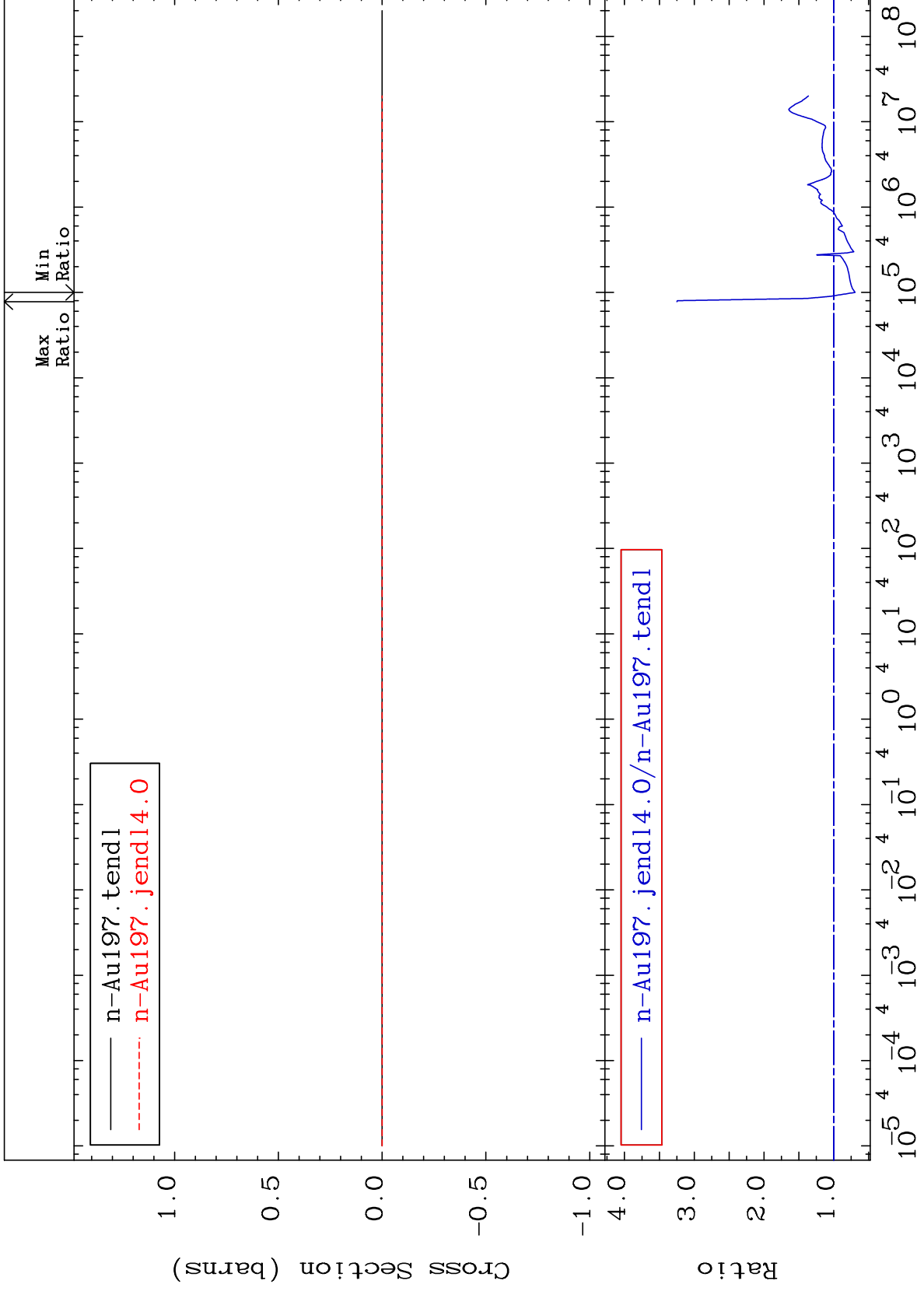


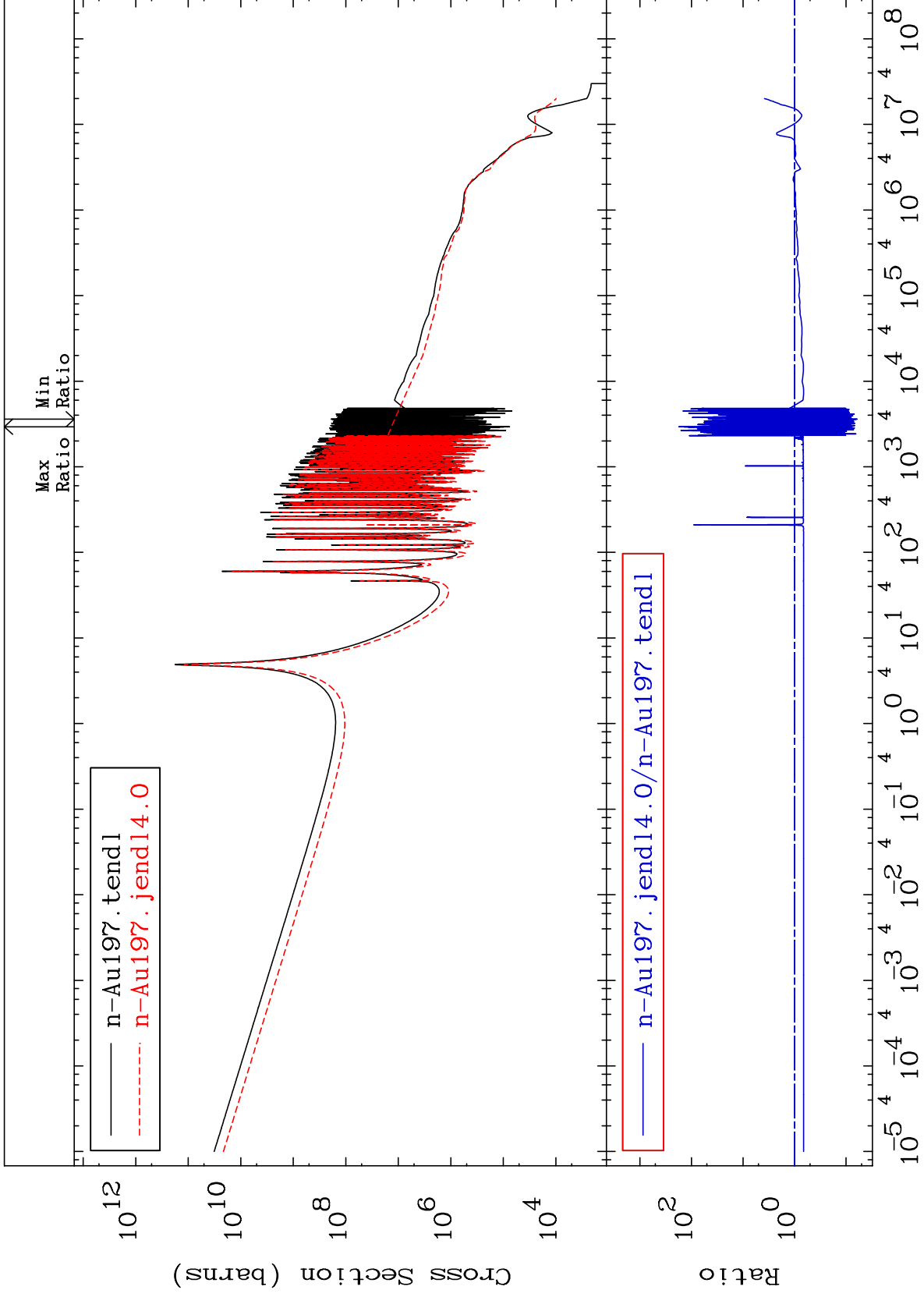


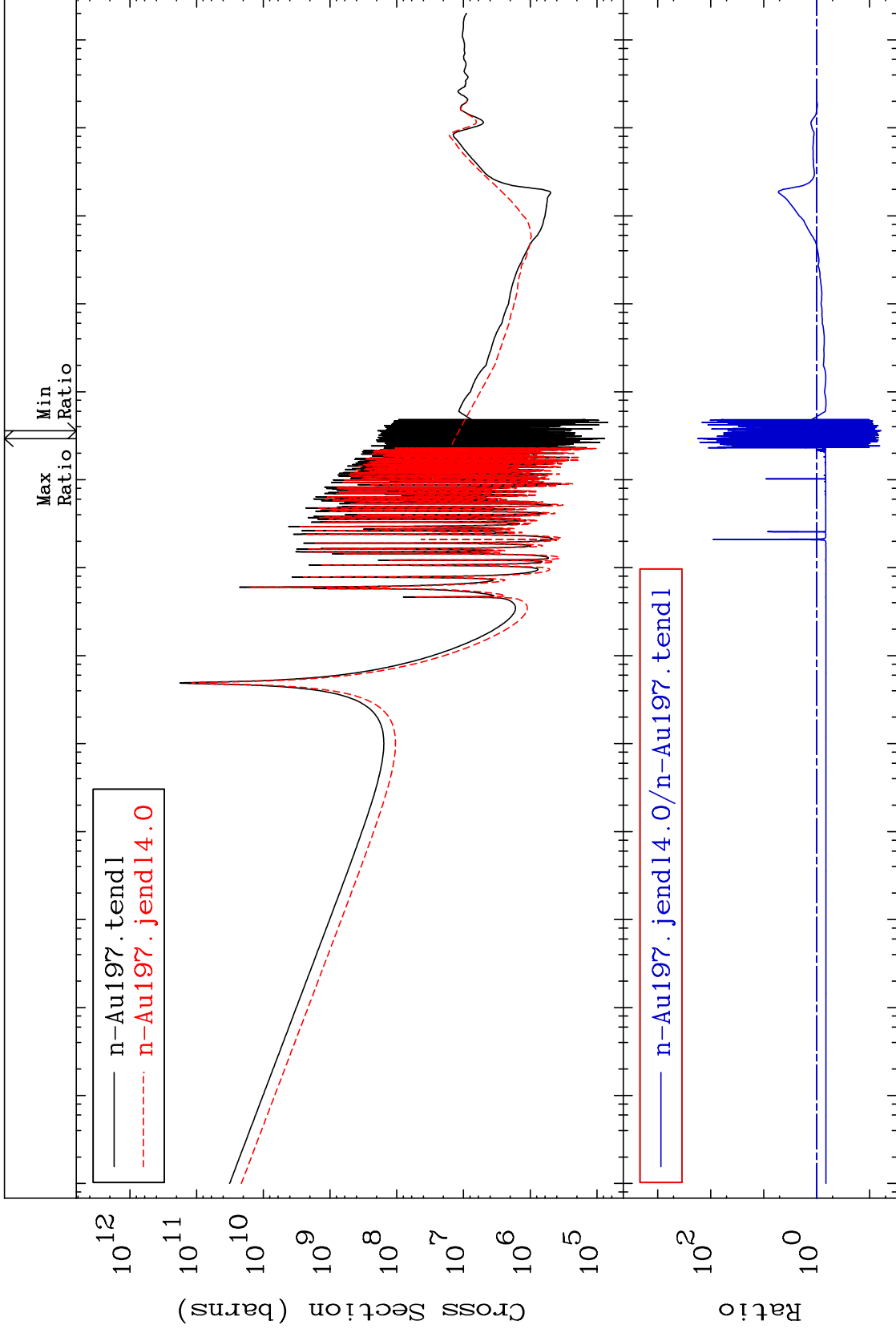
MAT 7925

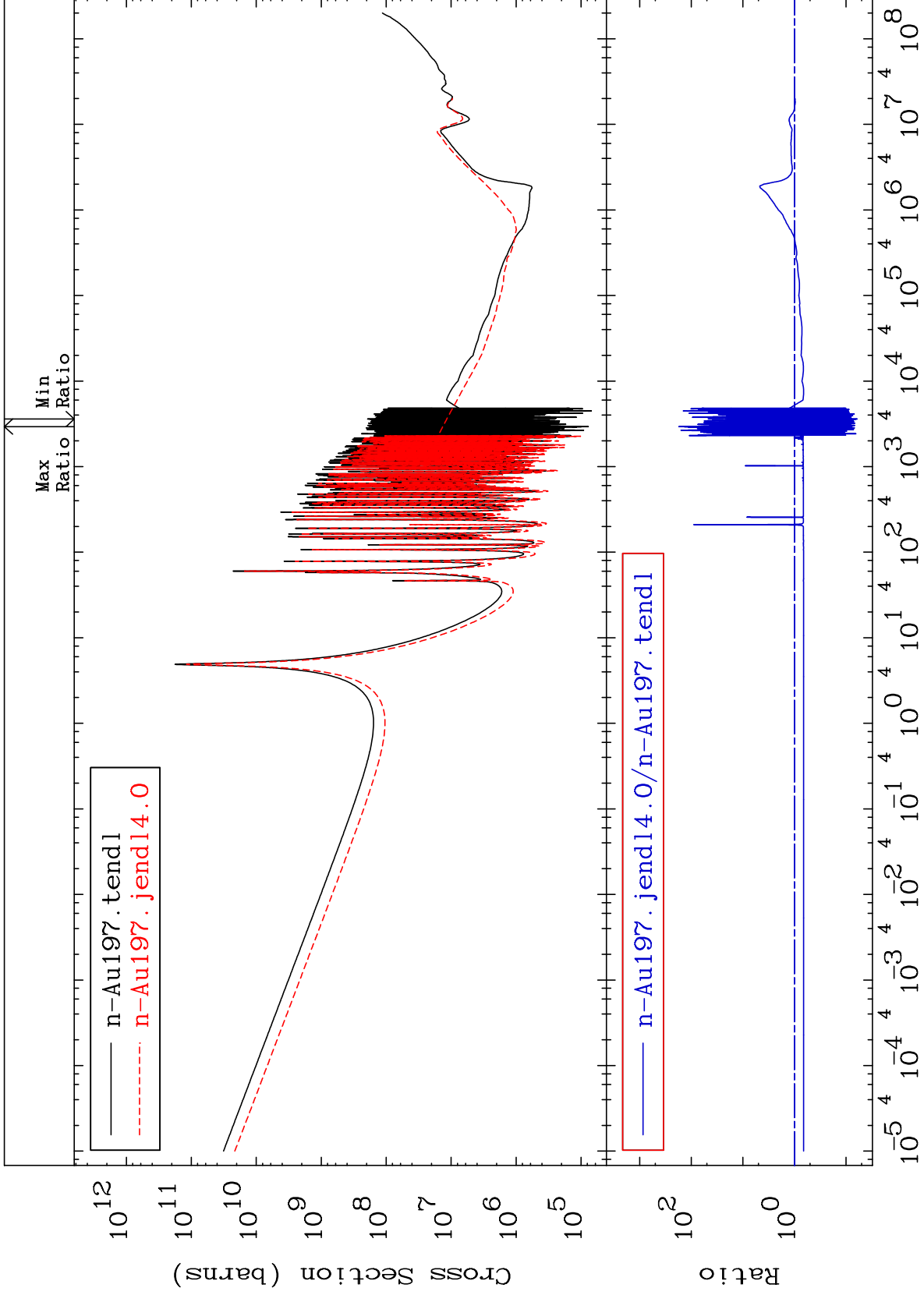
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

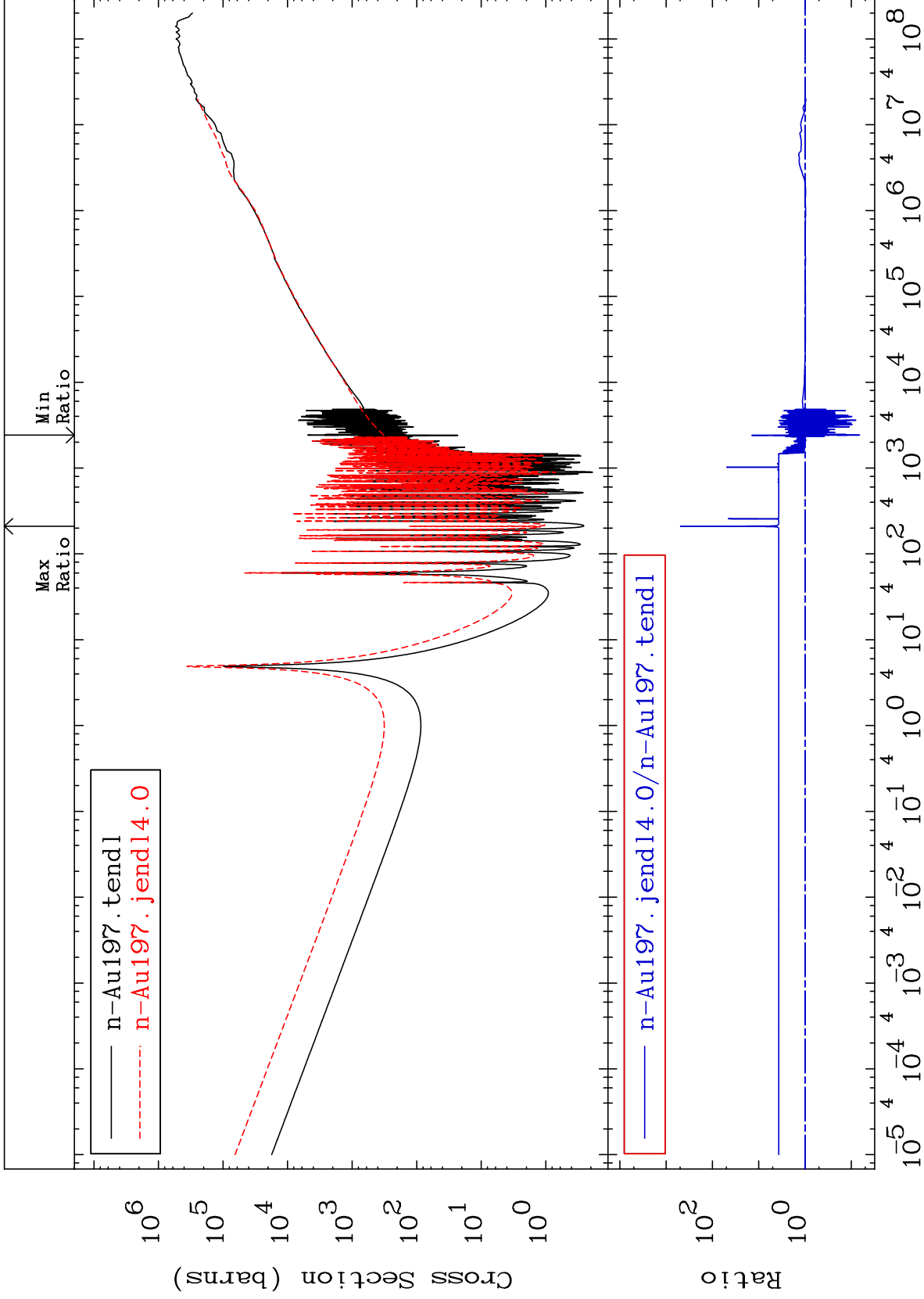
79-Au-197  
-30.71 To 224.8 %











MAT 7925

Dpa elastic (mt2)  
Cross Section

79-Au-197  
-94.12 To 1370. %

