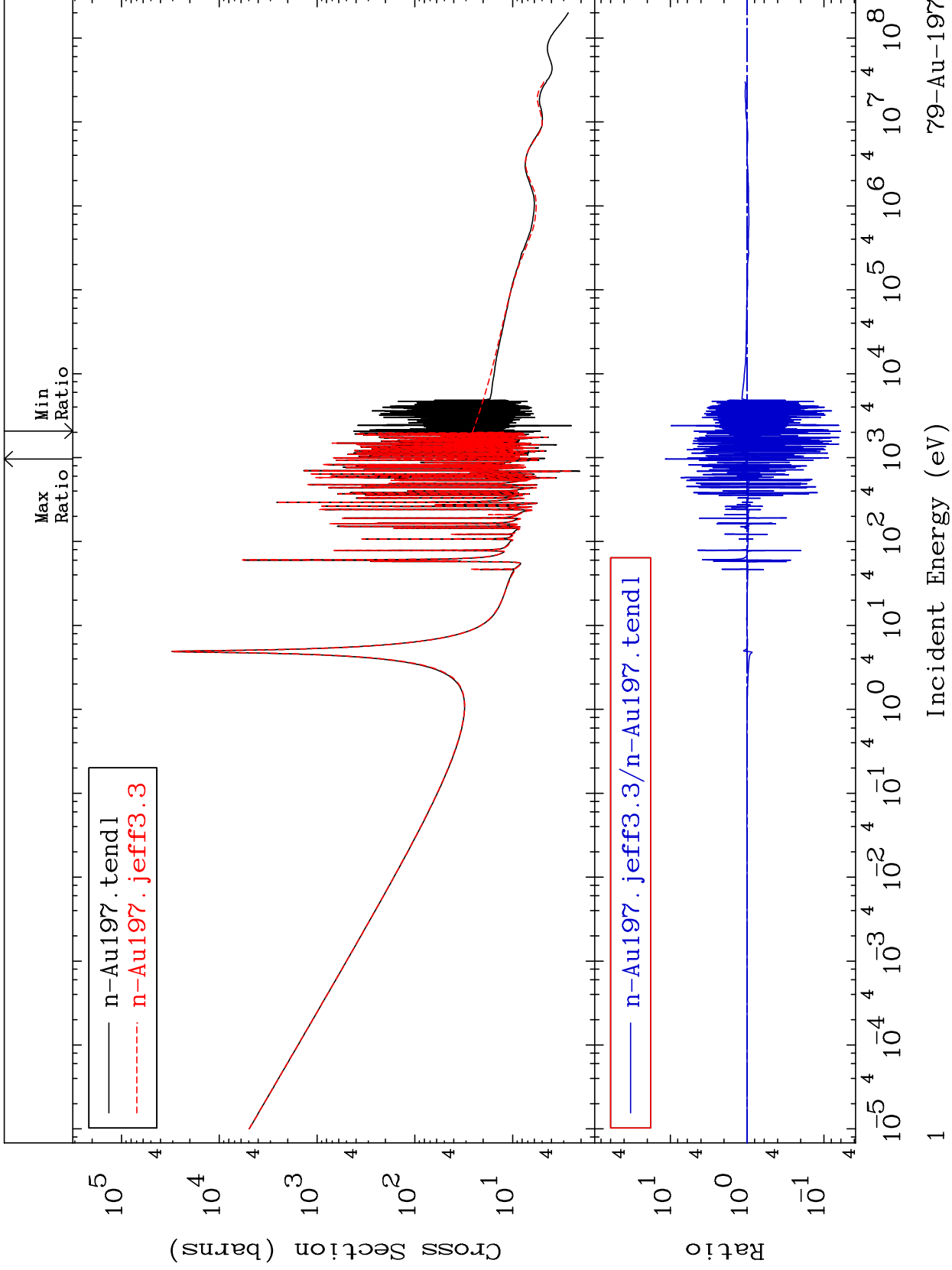


MAT 7925

Total  
Cross Section

79-Au-197  
-93.96 To 1056. %



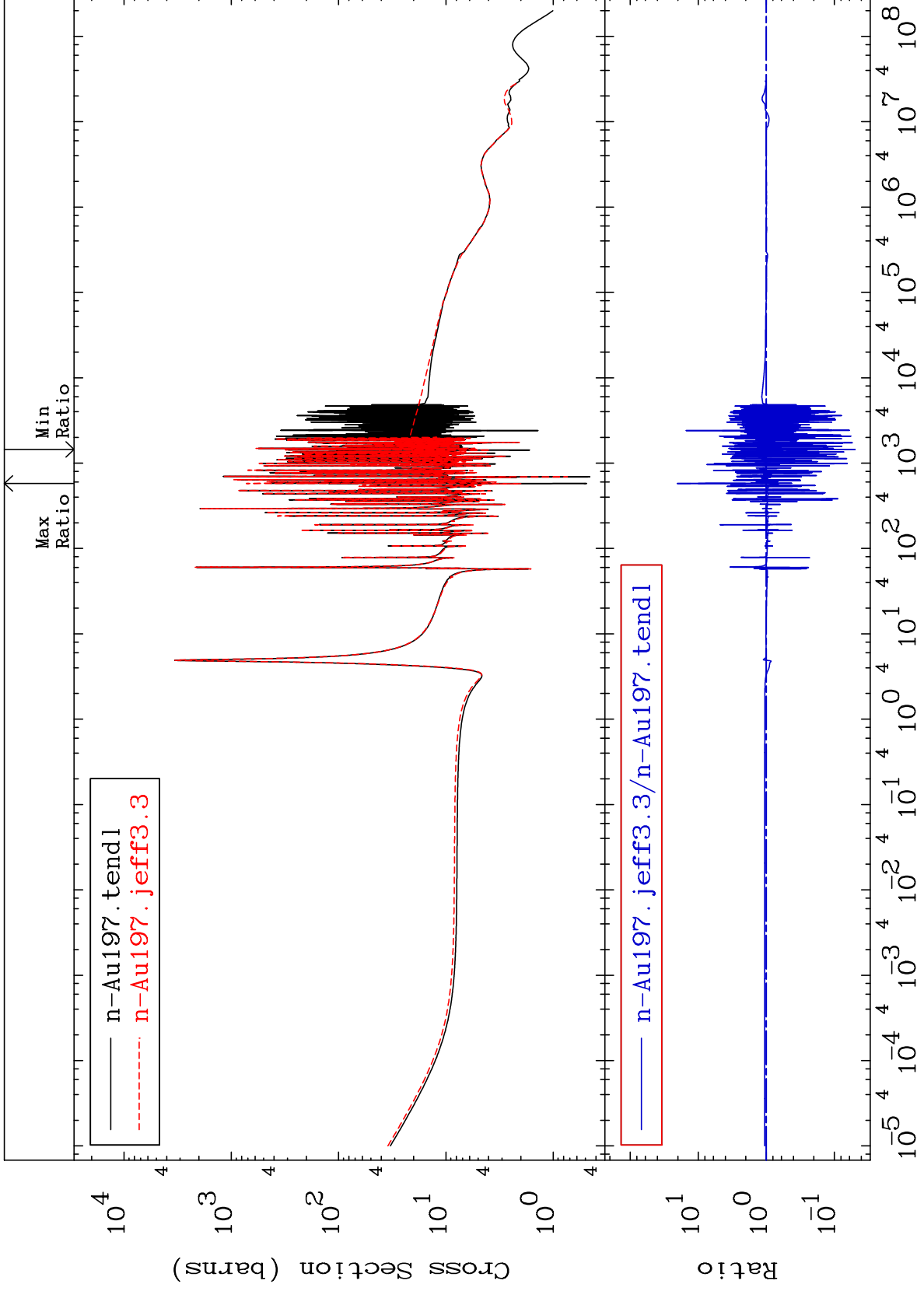
Incident Energy (eV)

79-Au-197

MAT 7925

Elastic  
Cross Section

79-Au-197  
-95.05 To 1962. %



2

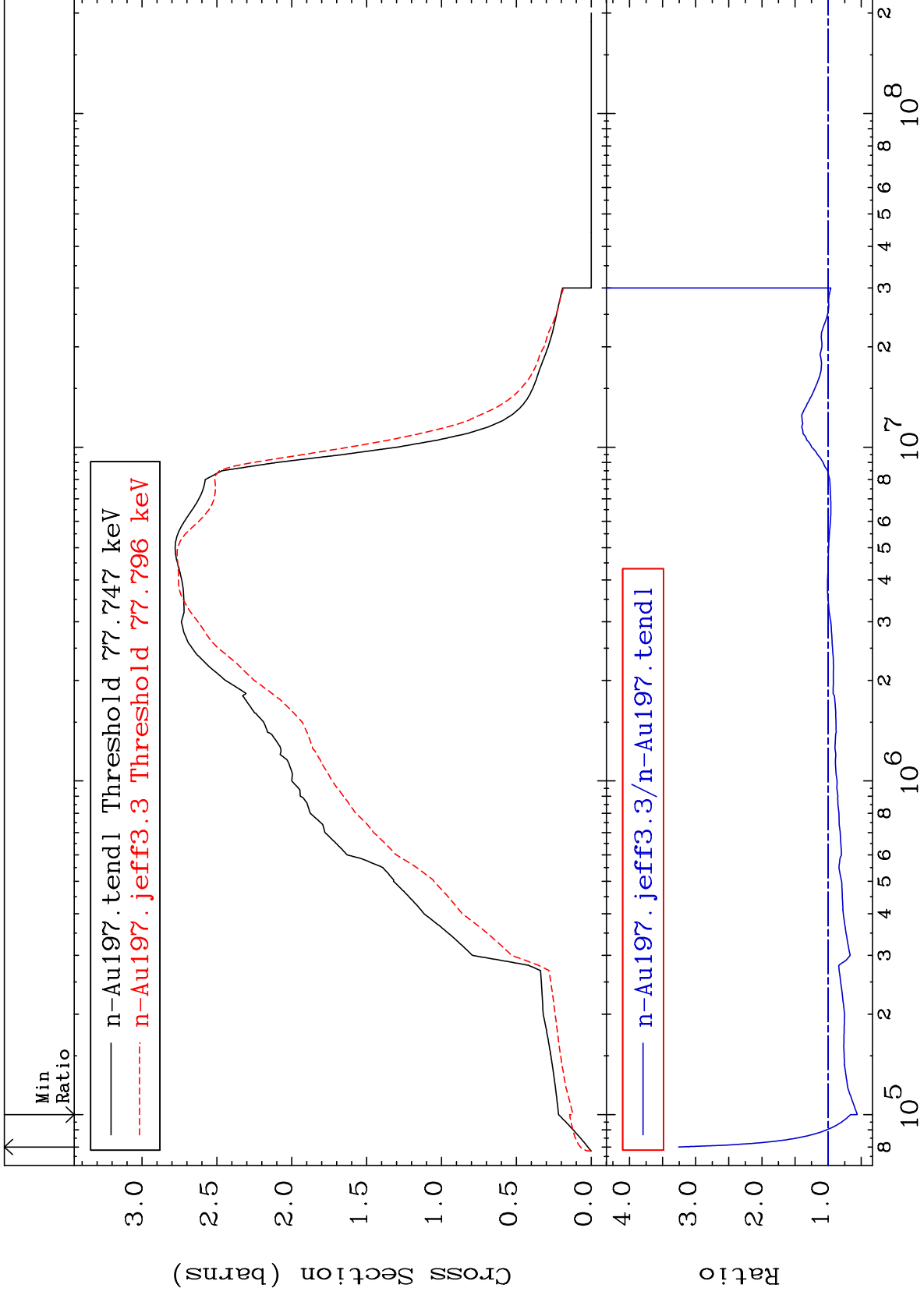
Incident Energy (eV)

79-Au-197

MAT 7925

Inelastic  
Cross Section

<sup>79</sup>Au-197  
-43.99 To 225.8 %



3

Incident Energy (eV)

<sup>79</sup>Au-197

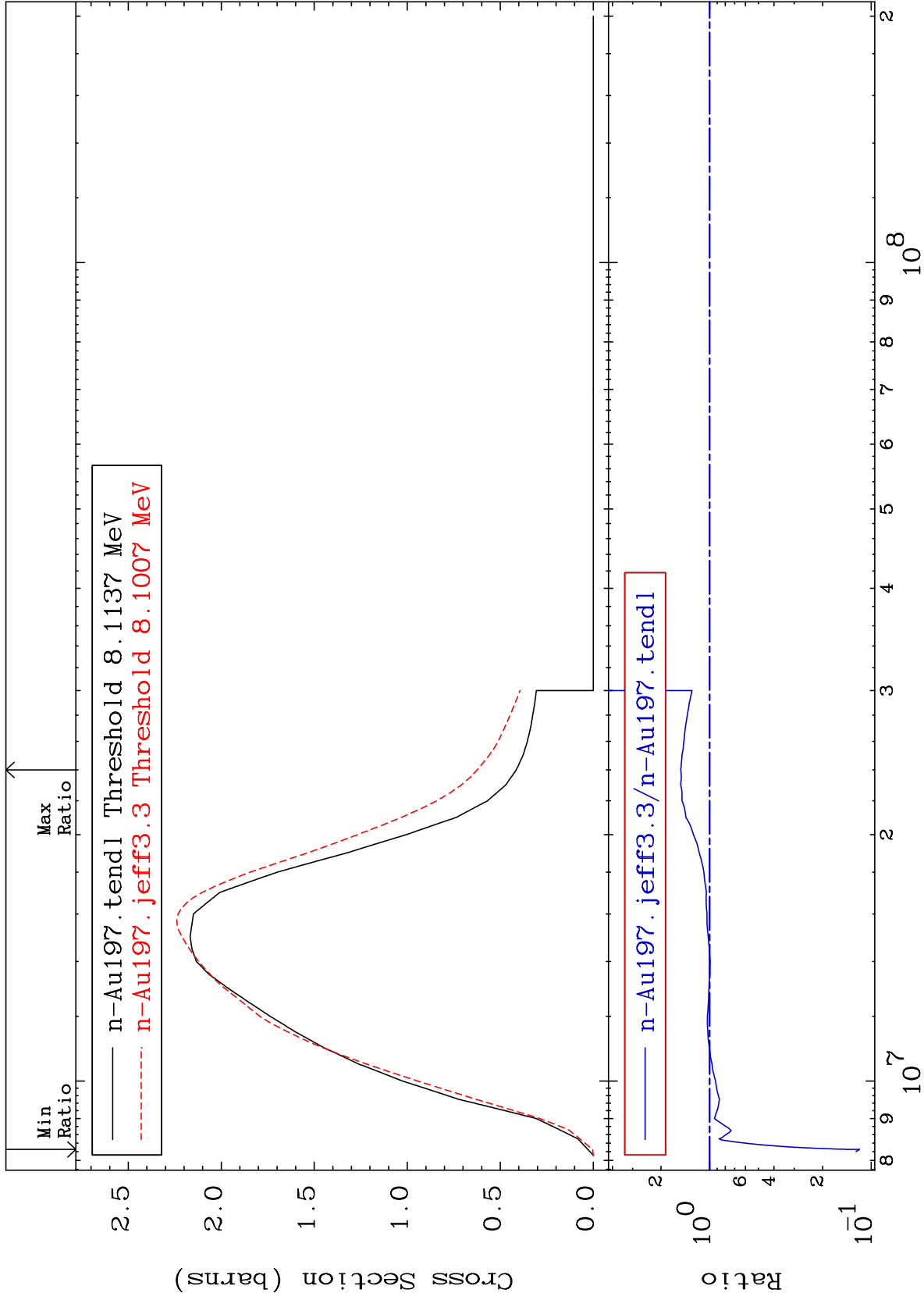
MAT 7925

(n,2n)

79-Au-197

Cross Section

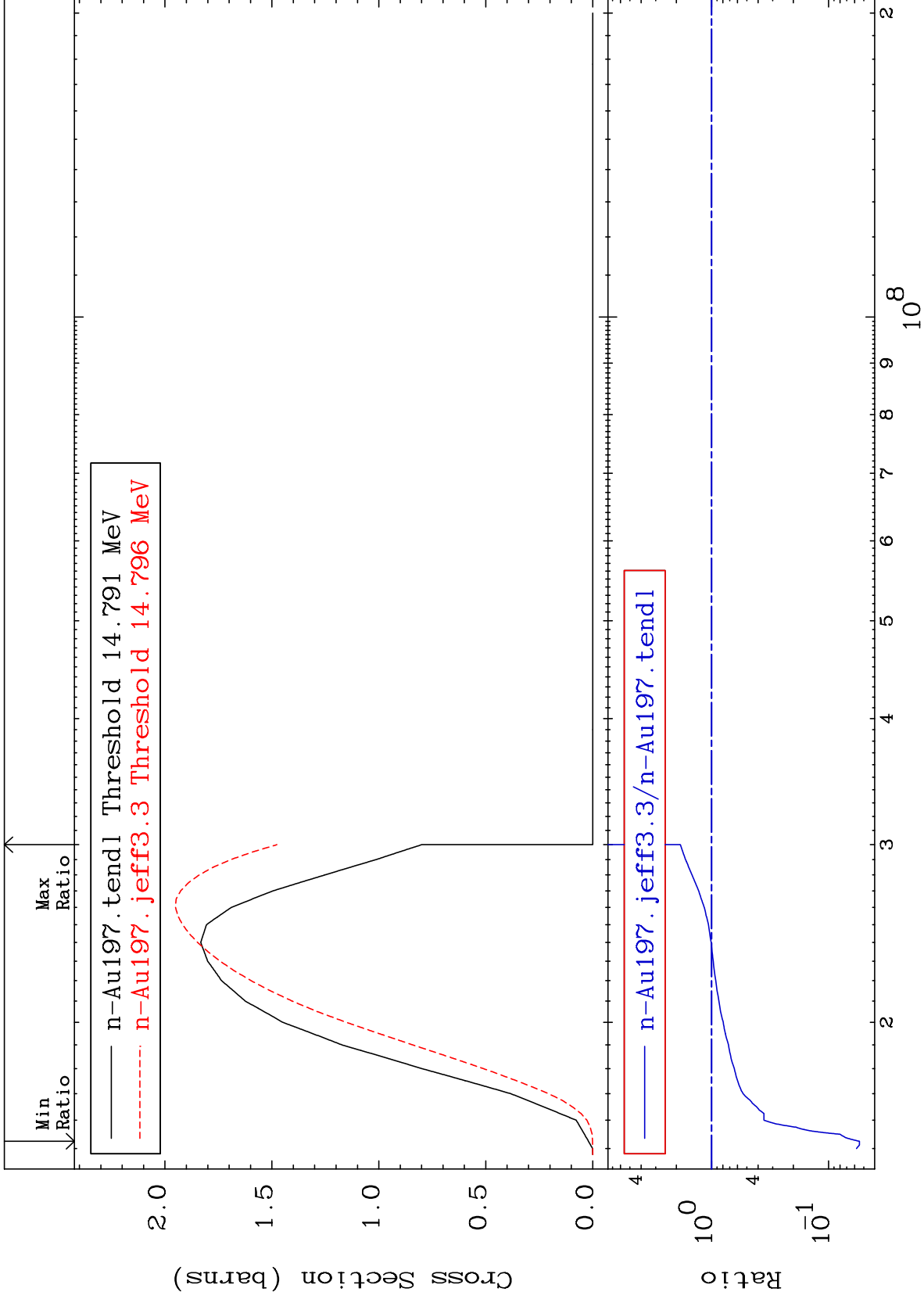
-88.18 To 50.93 %

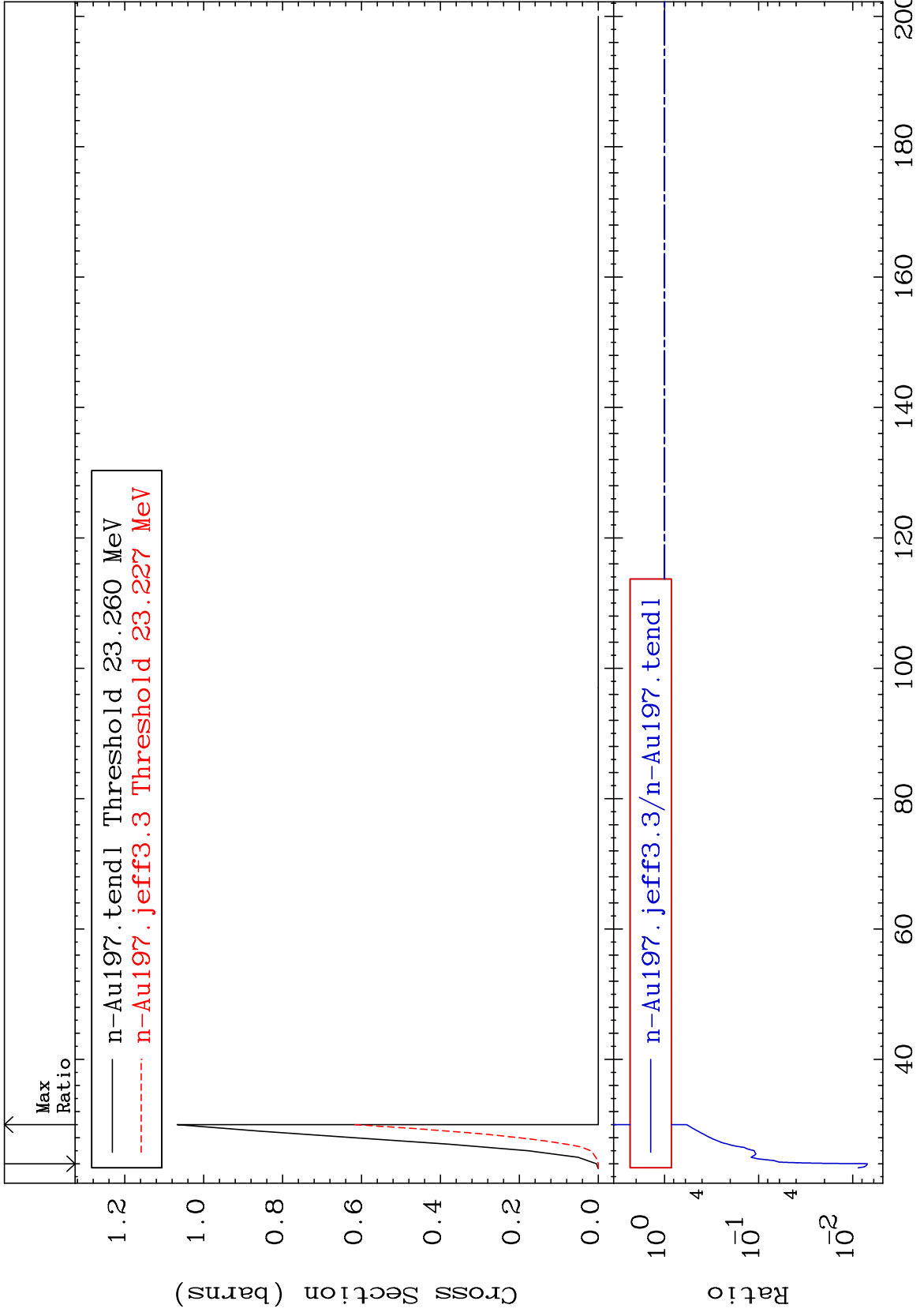


79-Au-197

79-Au-197

4

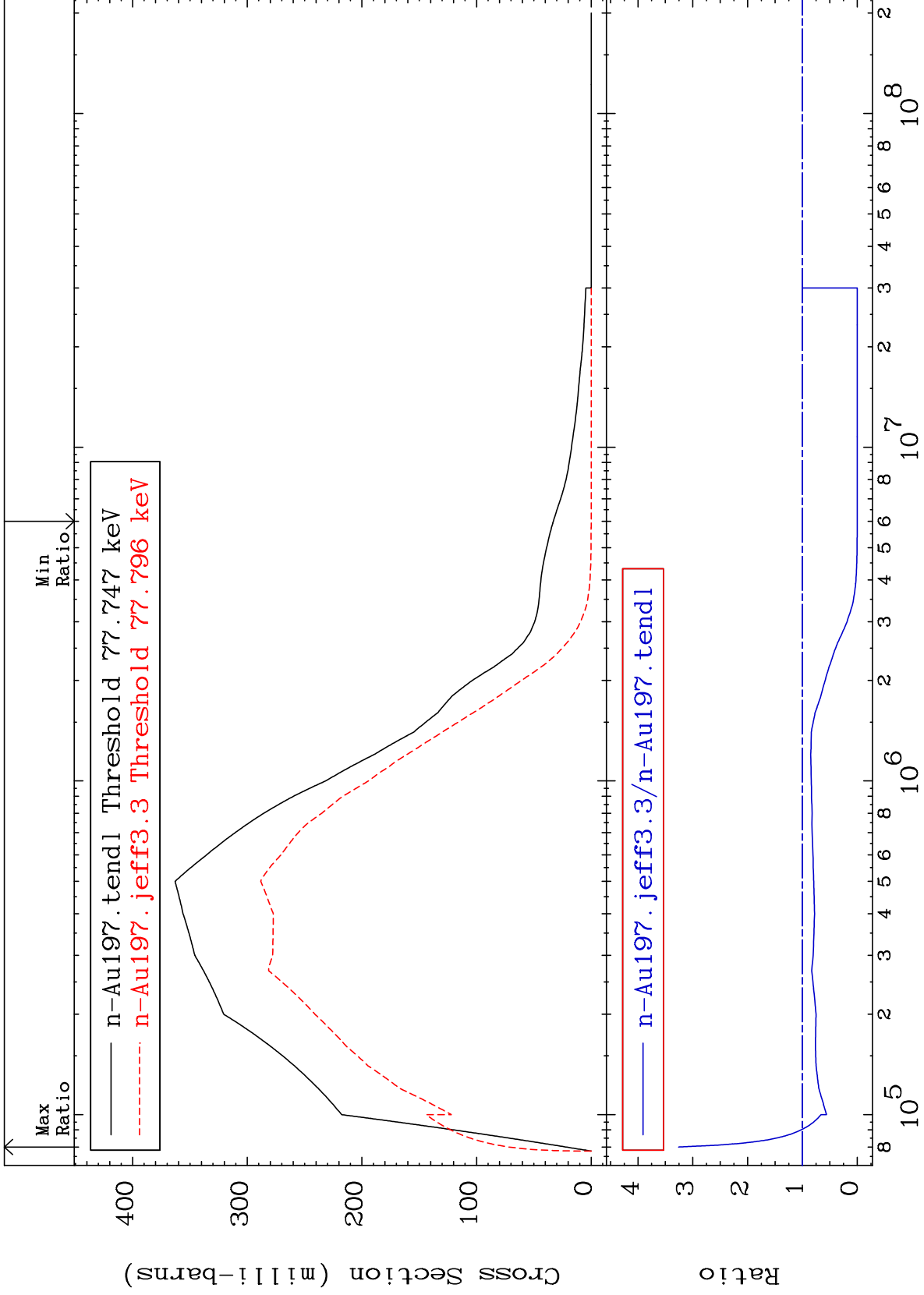




MAT 7925

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

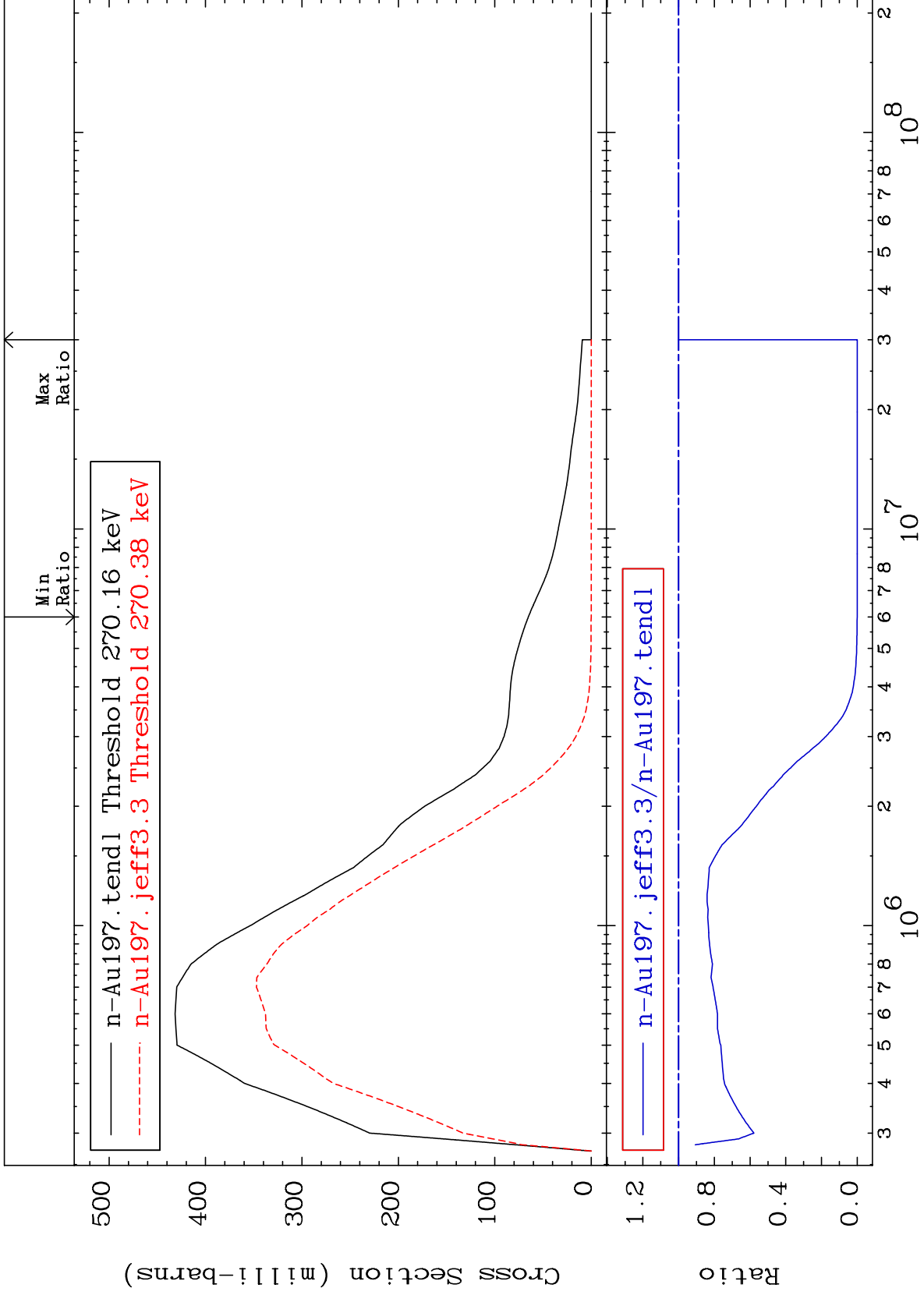
<sup>79</sup>Au-197  
-100.0 To 225.8 %



MAT 7925

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

79-Au-197  
-100.0 To 0.000 %

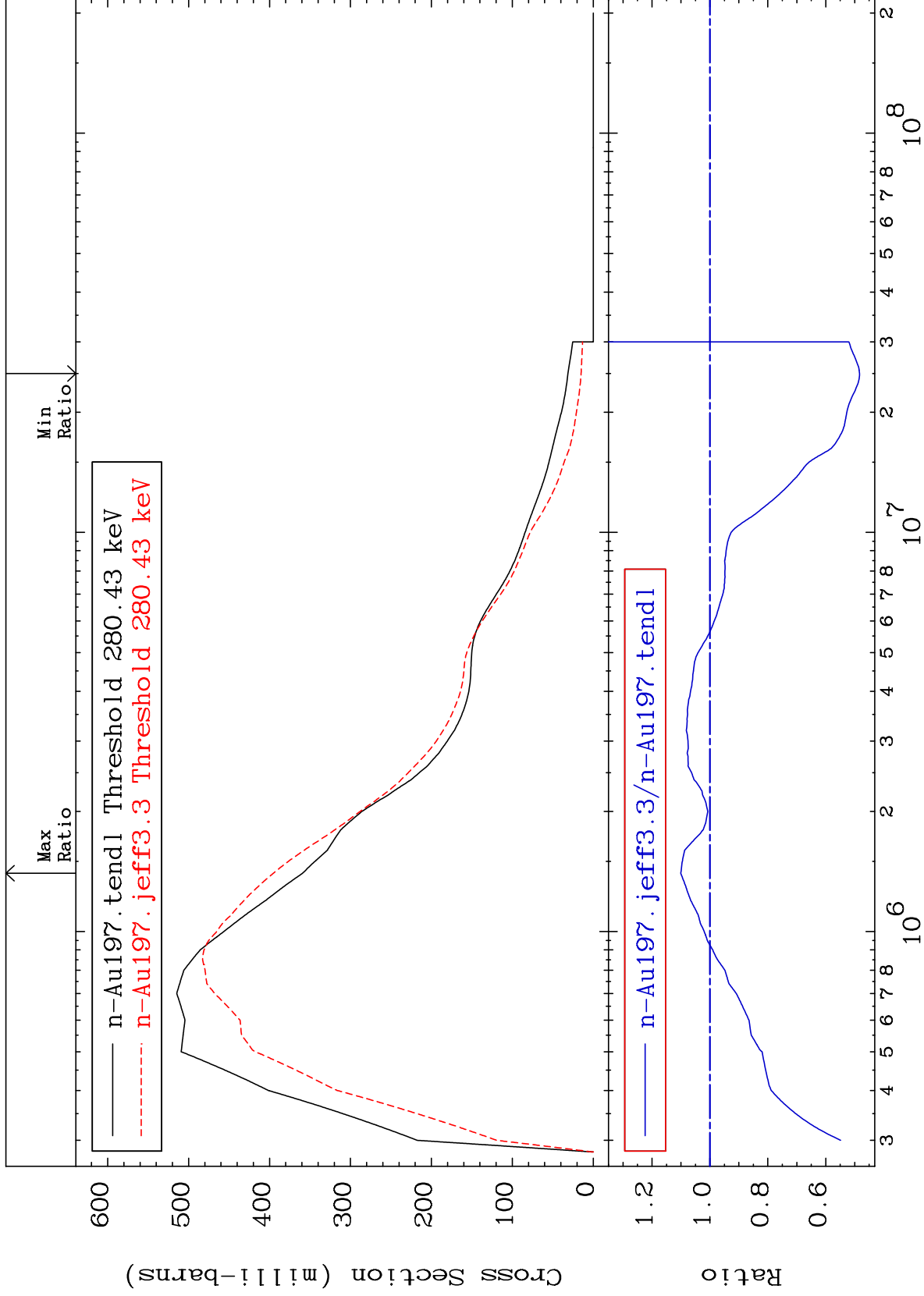




MAT 7925

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

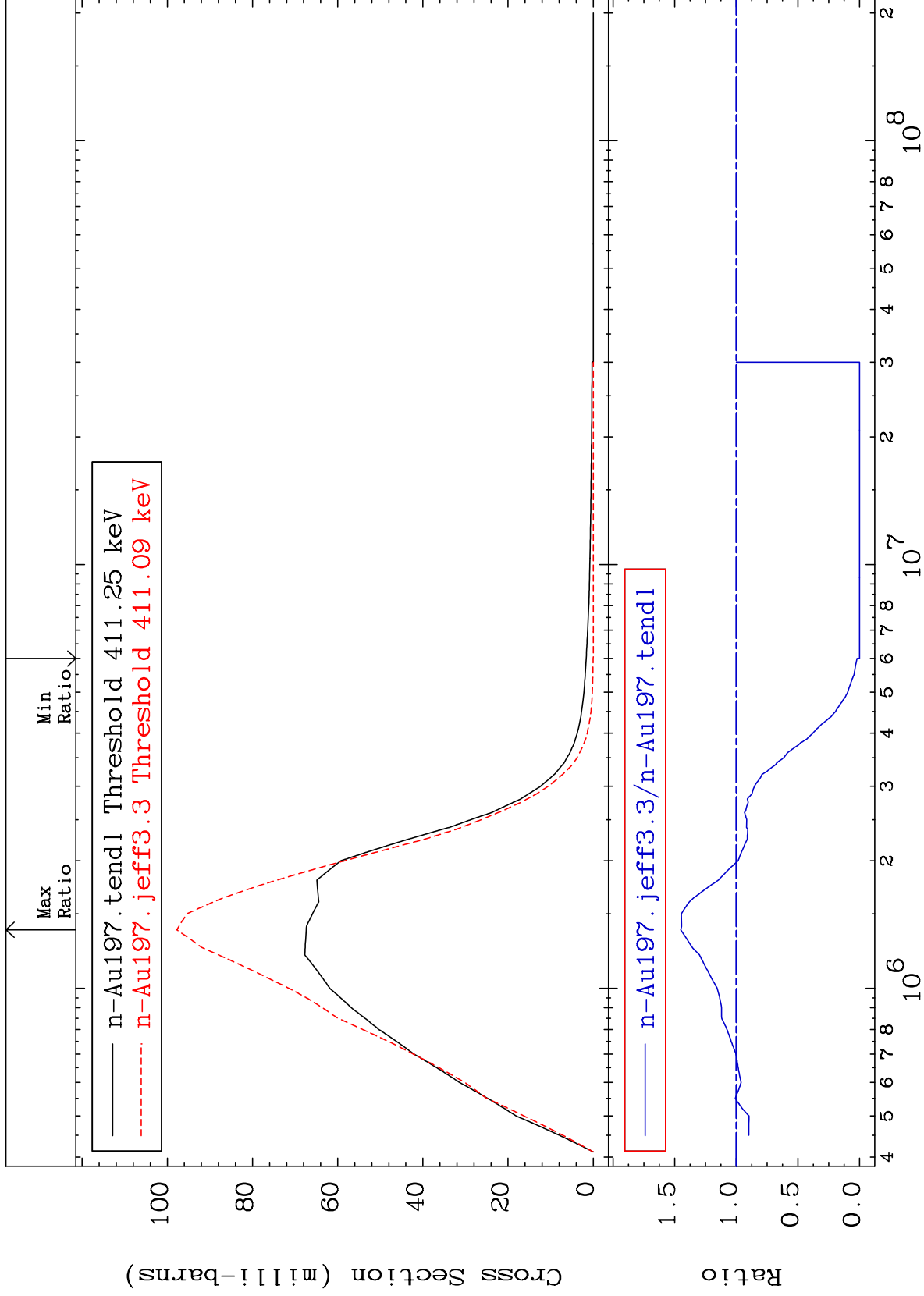
79-Au-197  
-51.67 To 10.06 %



MAT 7925

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

79-Au-197  
-100.0 To 45.08 %



10

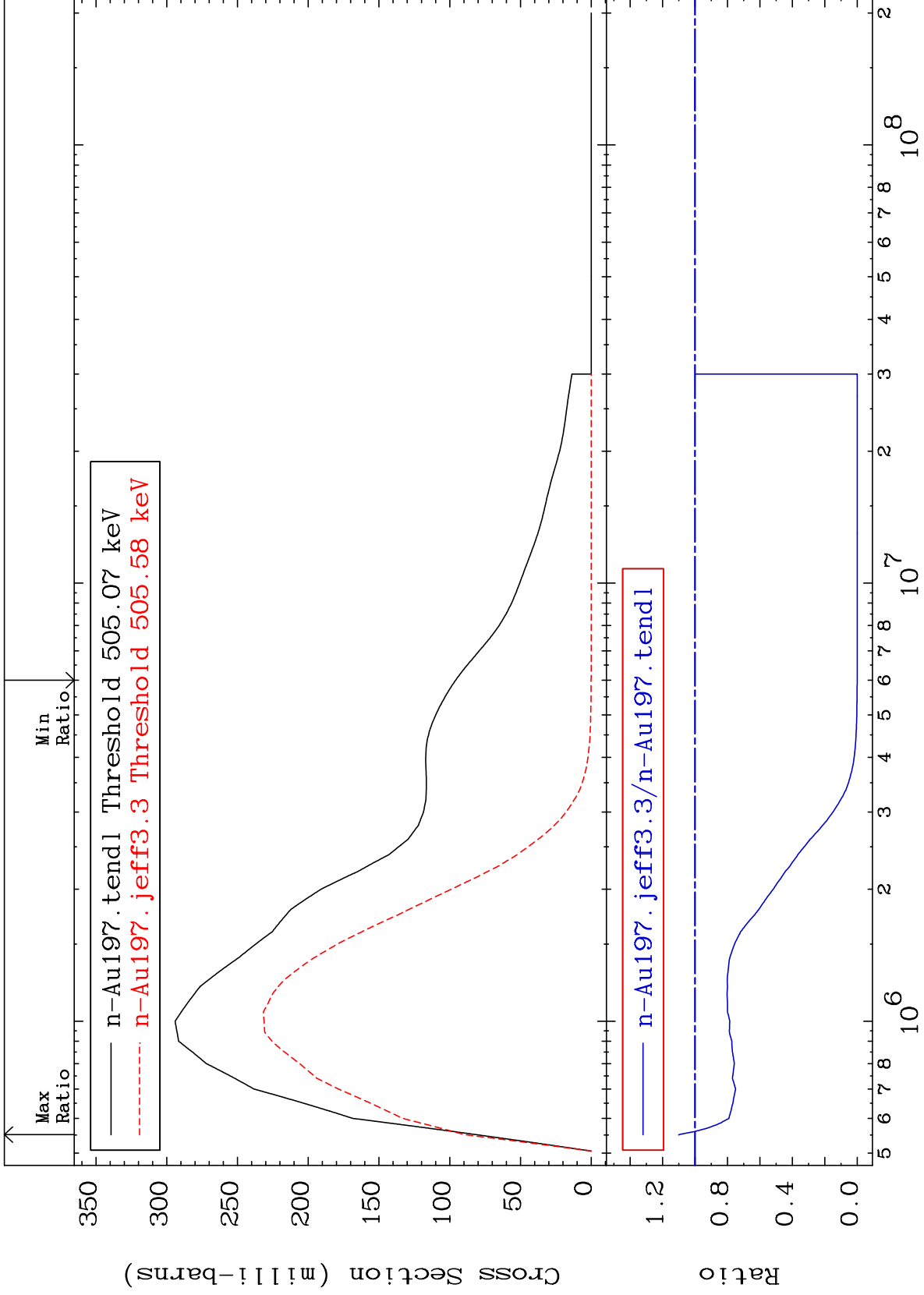
Incident Energy (eV)

79-Au-197

MAT 7925

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

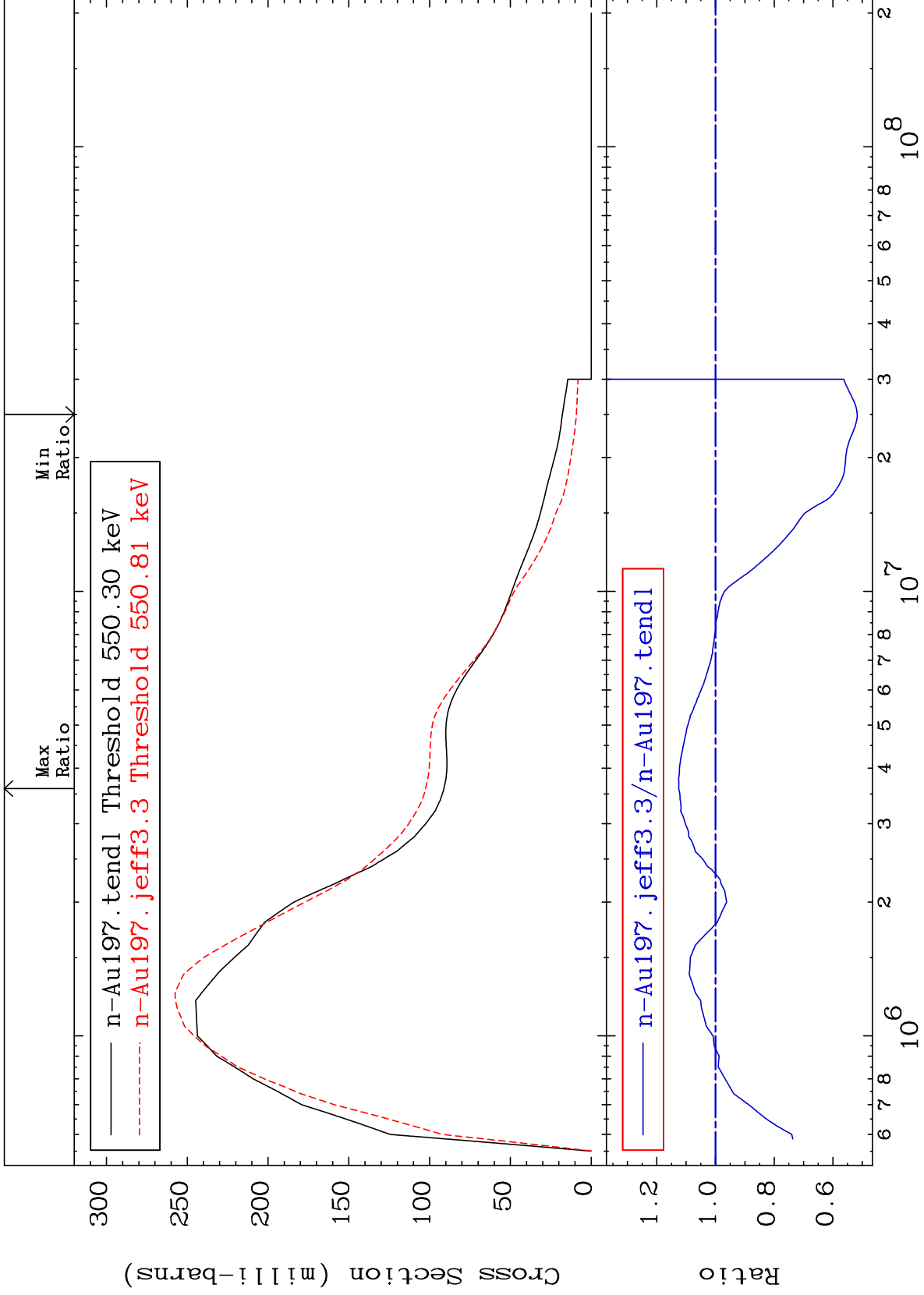
79-Au-197  
-100.0 To 10.11 %



MAT 7925

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

79-Au-197  
-48.31 To 12.56 %



12

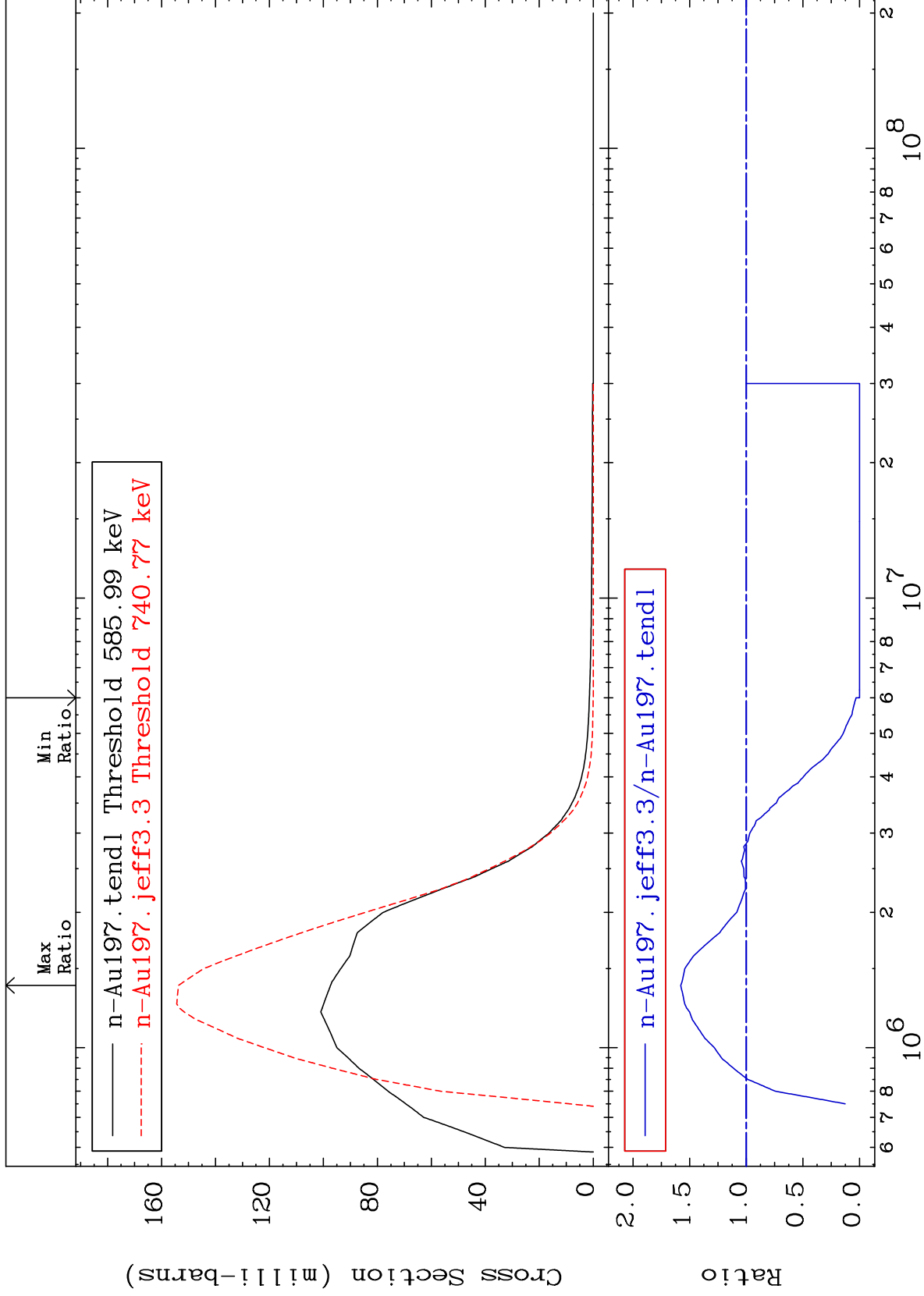
Incident Energy (eV)

79-Au-197

MAT 7925

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

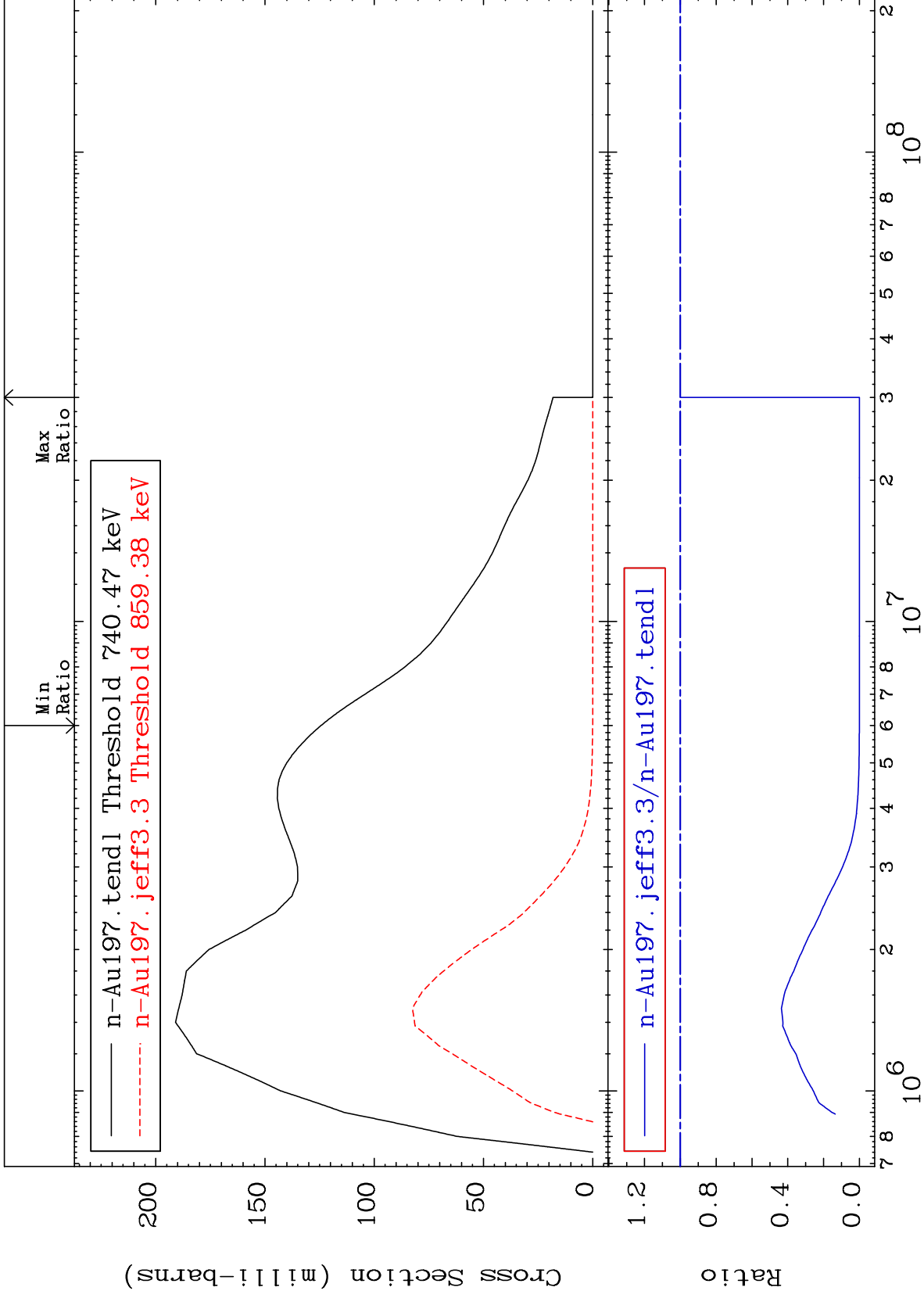
79-Au-197  
-100.0 To 57.91 %



MAT 7925

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

79-Au-197  
-100.0 To 0.000 %



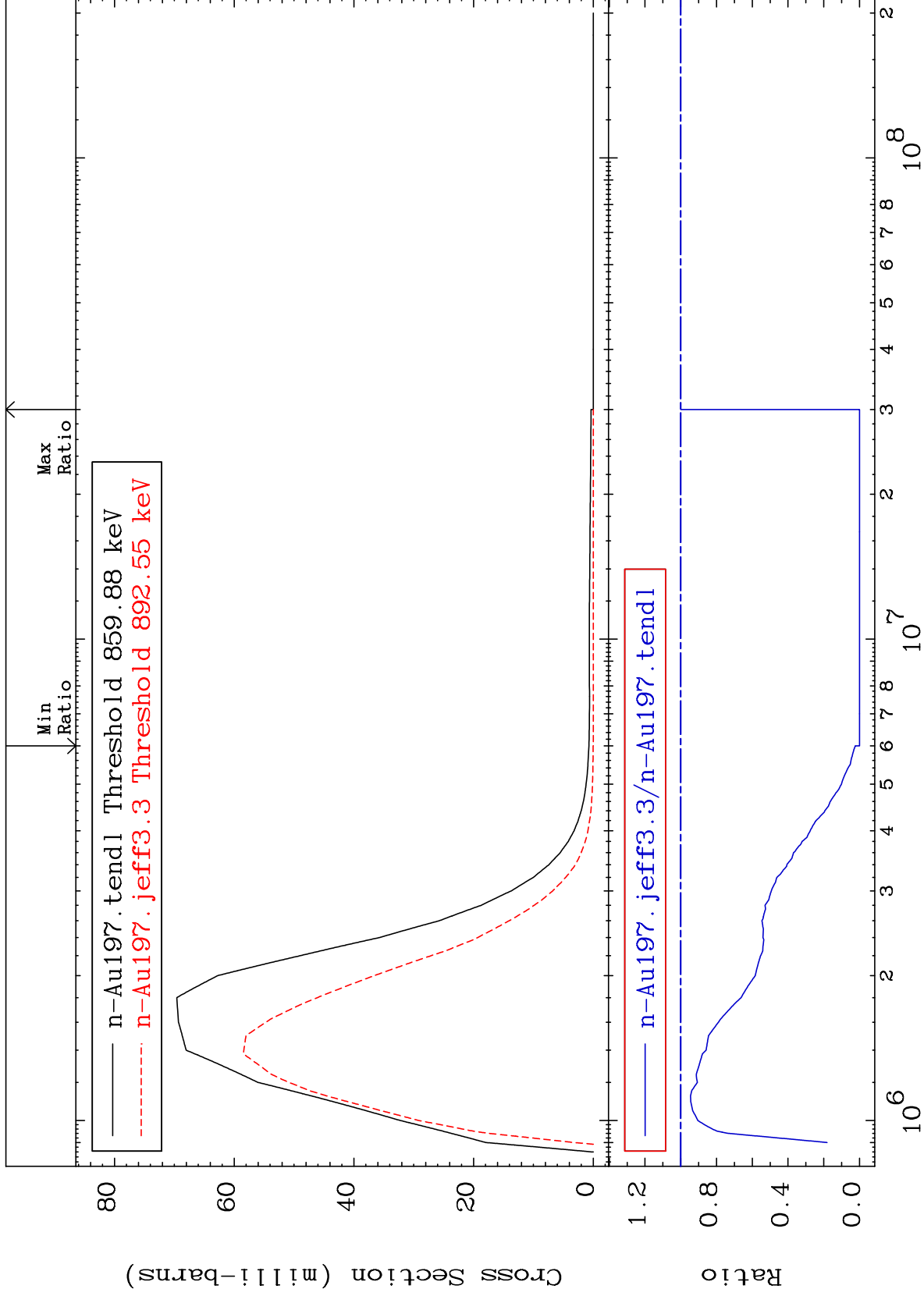
MAT 7925

MT= 59 (n,n') Level

79-Au-197

Cross Section

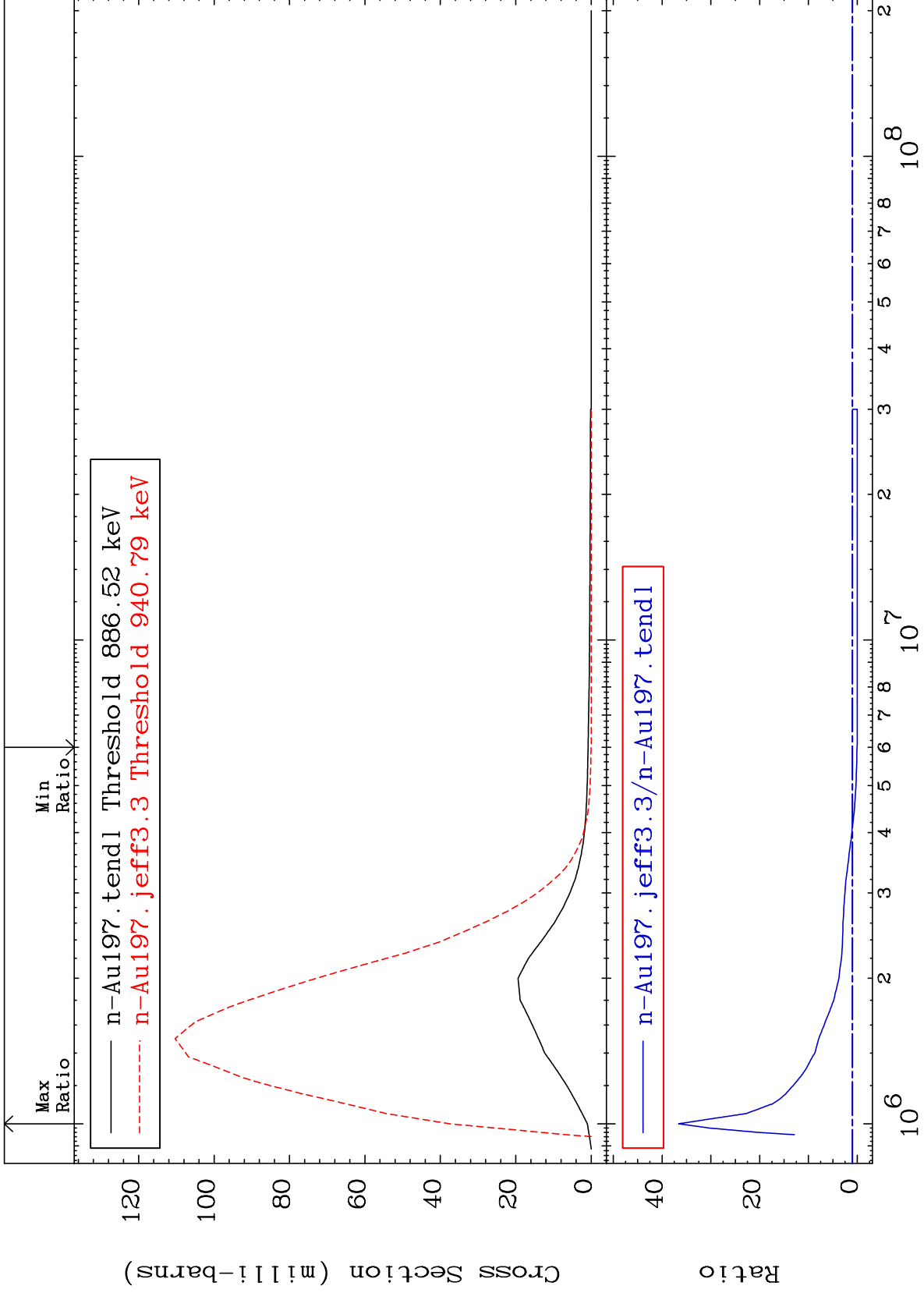
-100.0 To 0.000 %



MAT 7925

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

79-Au-197  
-100.0 To 3561. %



— n-Au197.tendl Threshold 886.52 keV  
- - - n-Au197.jeff3.3 Threshold 940.79 keV

— n-Au197.jeff3.3/n-Au197.tendl

16

Incident Energy (eV)

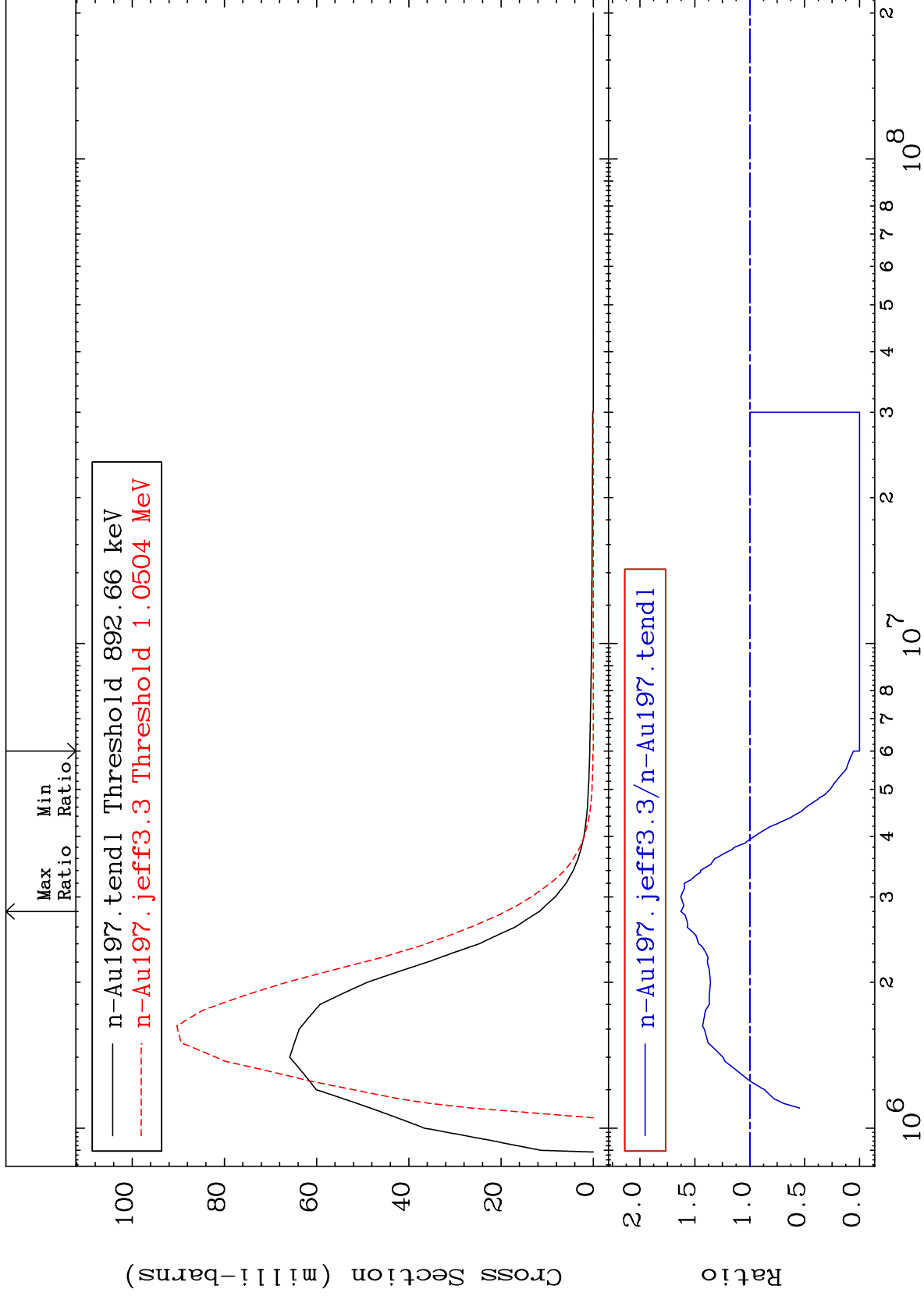
79-Au-197



MAT 7925

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

79-Au-197  
-100.0 To 62.83 %



17

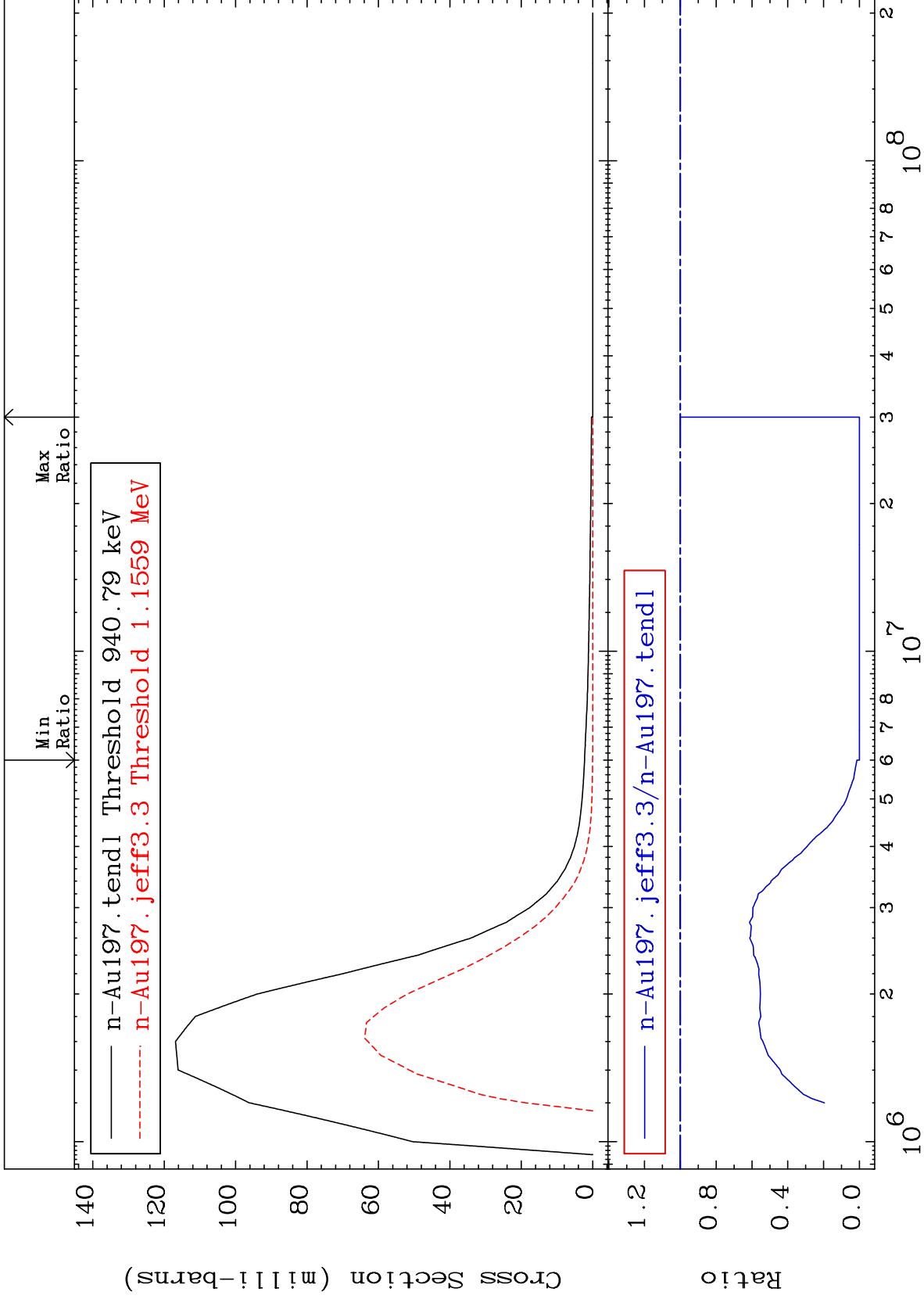
Incident Energy (eV)

79-Au-197

MAT 7925

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

79-Au-197  
-100.0 To 0.000 %



18

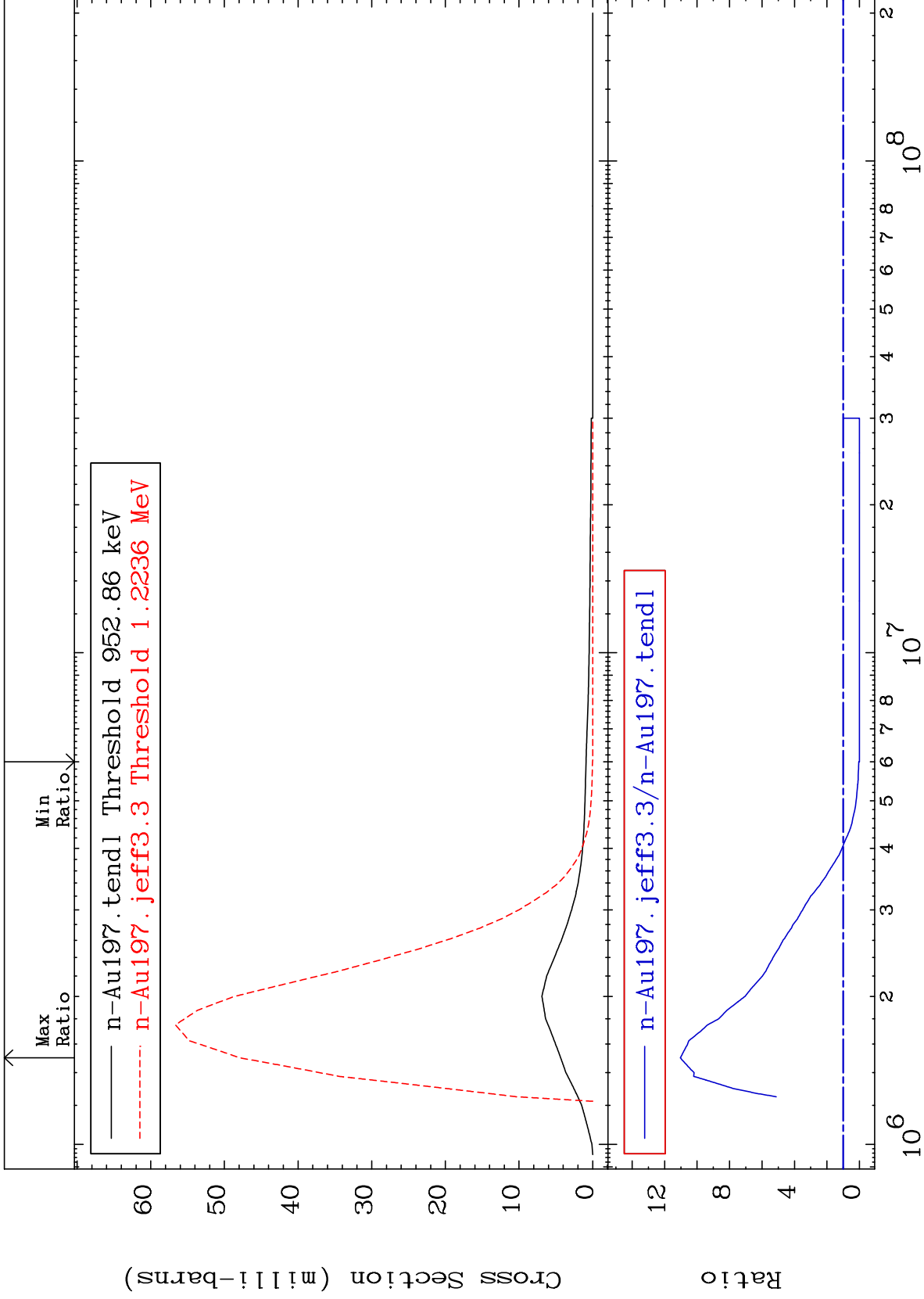
Incident Energy (eV)

79-Au-197

MAT 7925

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

79-Au-197  
-100.0 To 1003. %



19

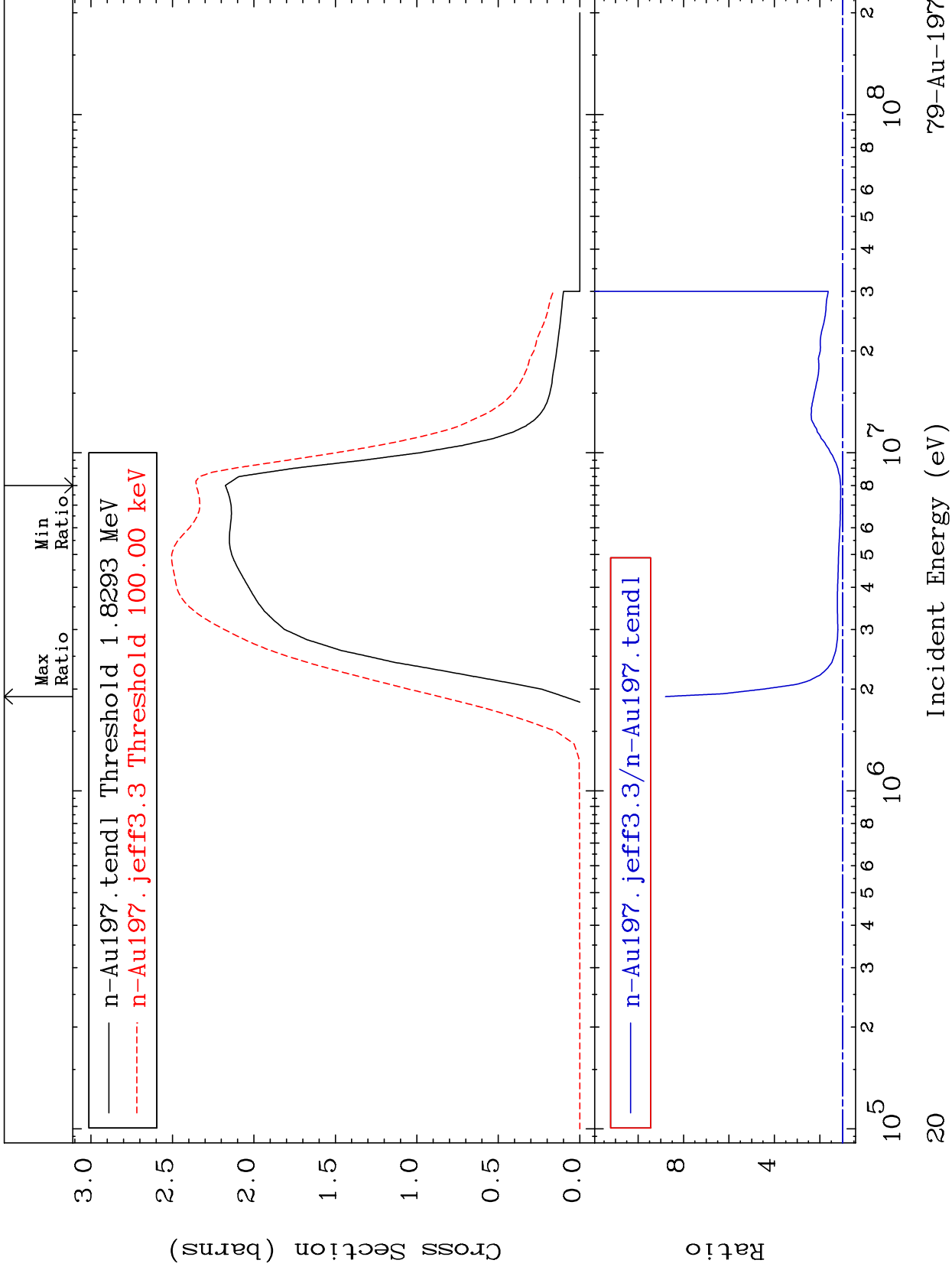
Incident Energy (eV)

79-Au-197

MAT 7925

(n, n') Continuum  
Cross Section

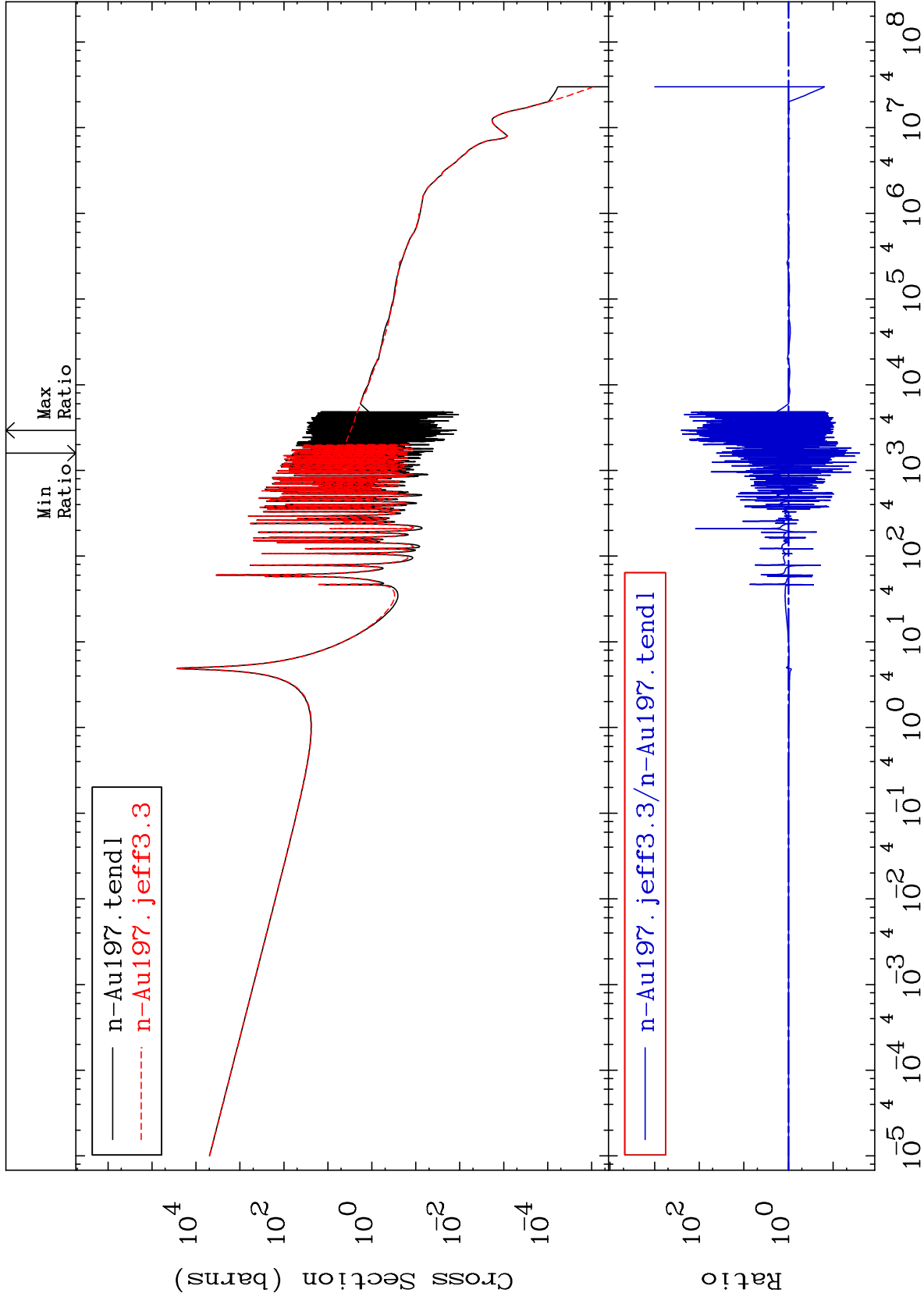
79-Au-197  
8.259 To 779.5 %



MAT 7925

(n,  $\gamma$ )  
Cross Section

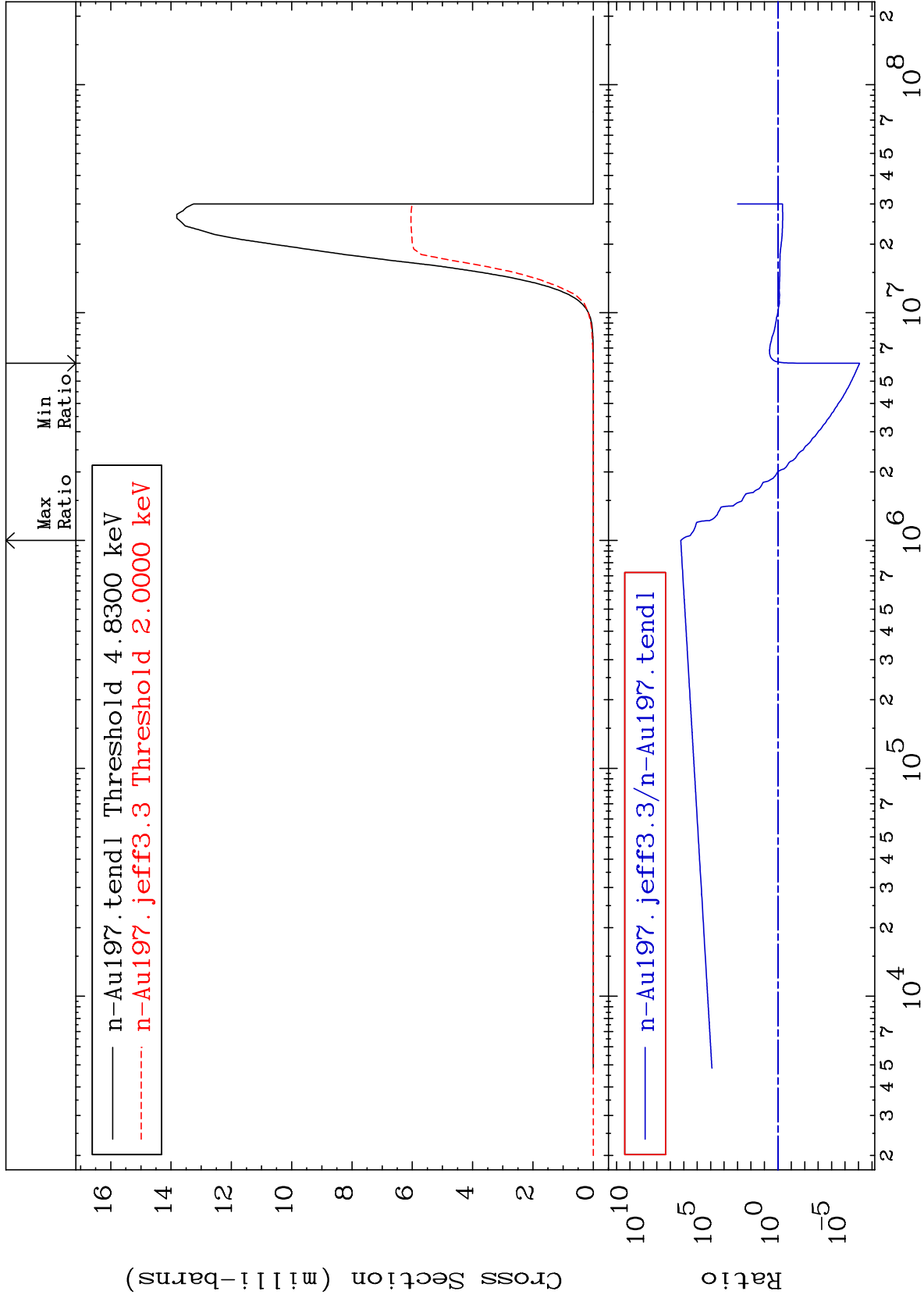
79-Au-197  
-97.44 To 9999. %



21

Incident Energy (eV)

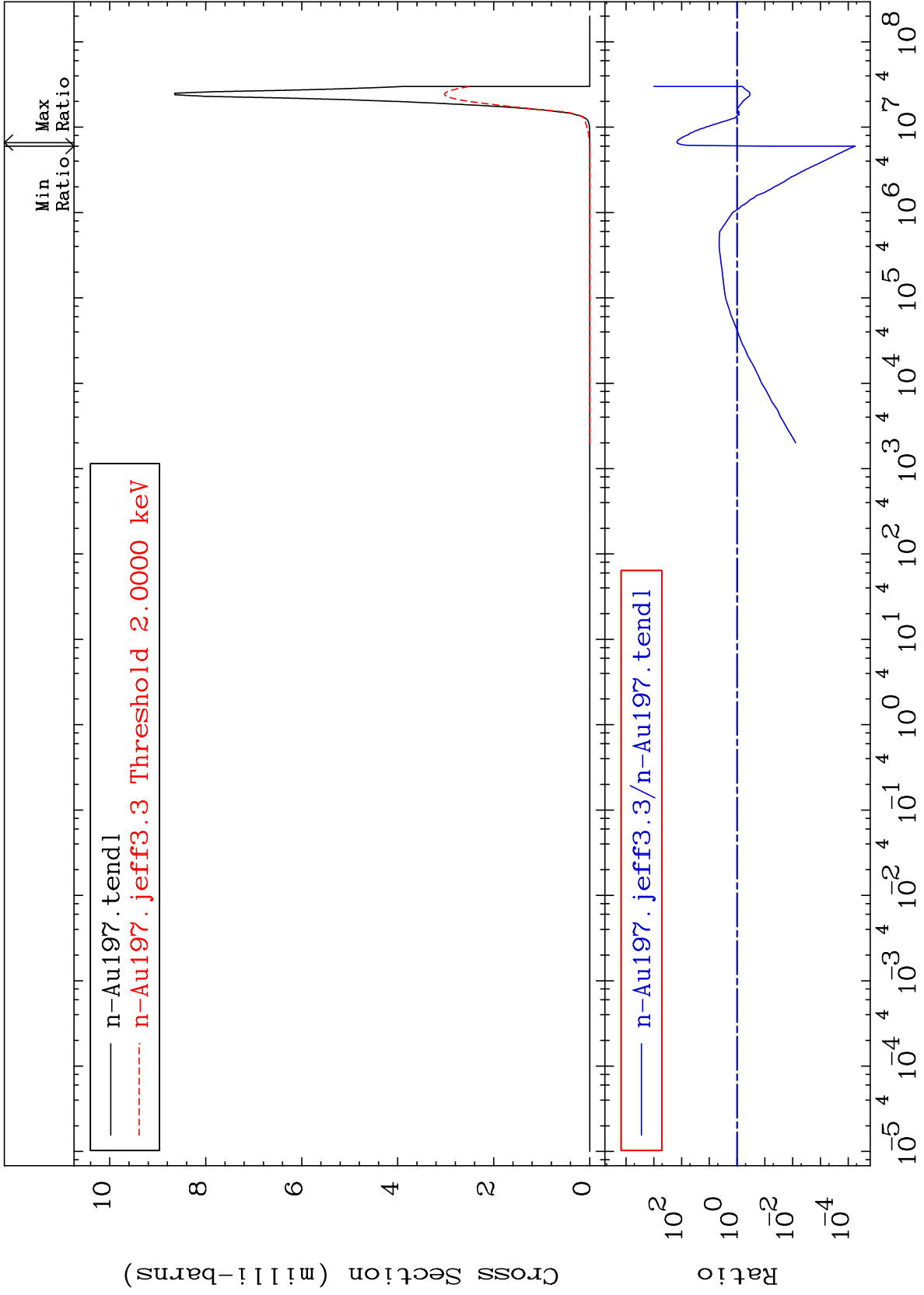
79-Au-197

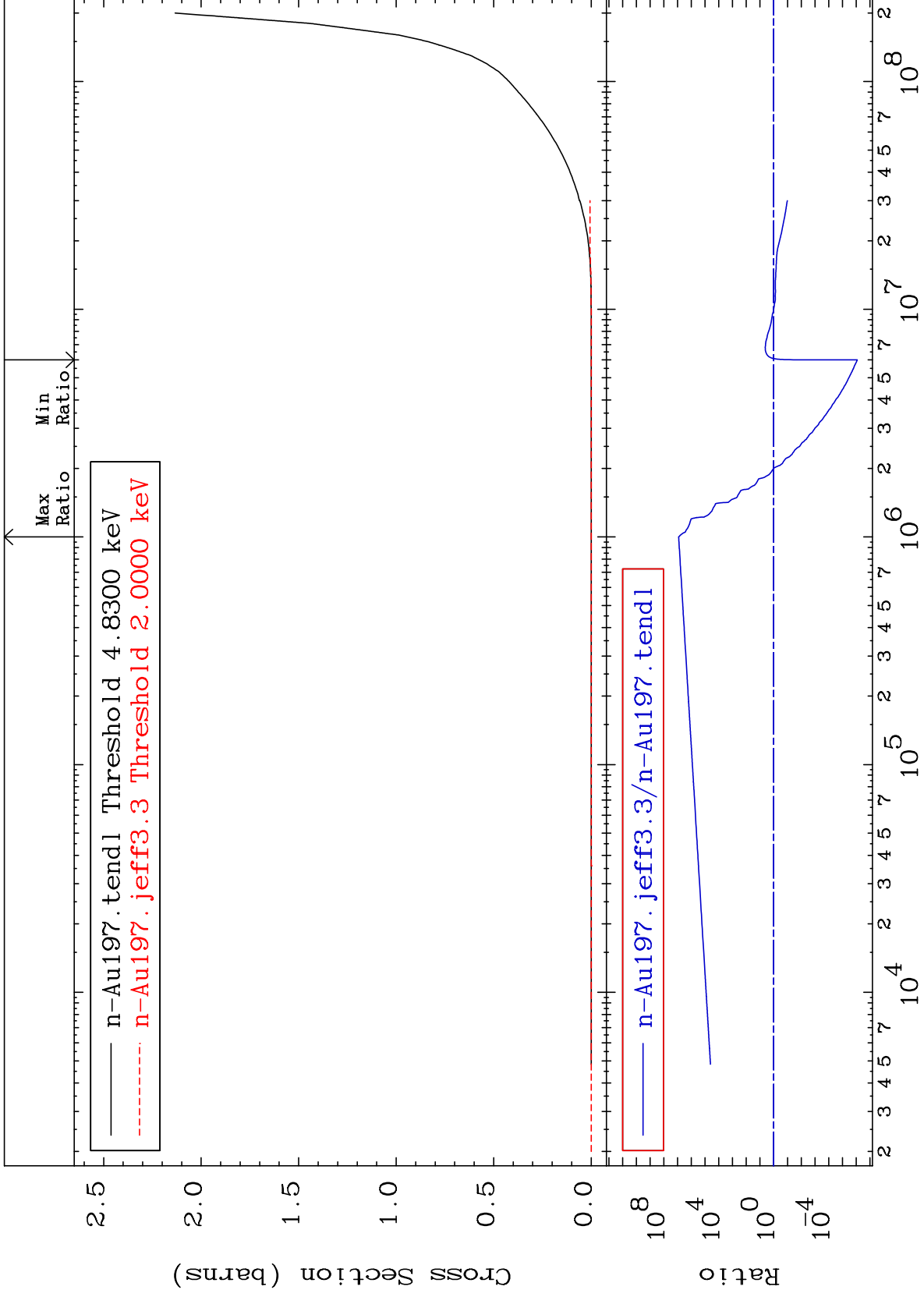


MAT 7925

(n,  $\alpha$ )  
Cross Section

79-Au-197  
-99.99 To 9999. %



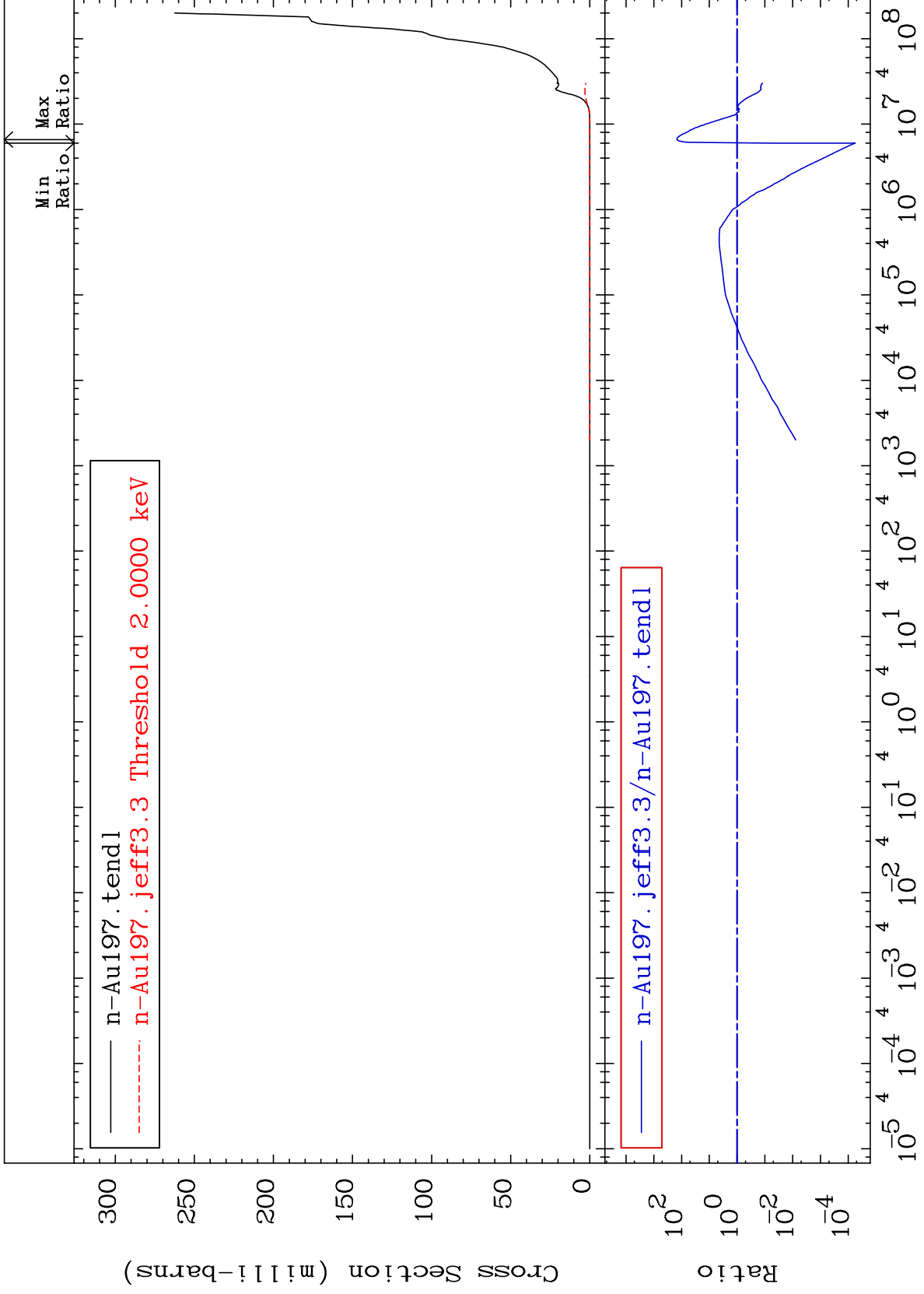




MAT 7925

He-4 Production  
Cross Section

79-Au-197  
-99.99 To 9999. %



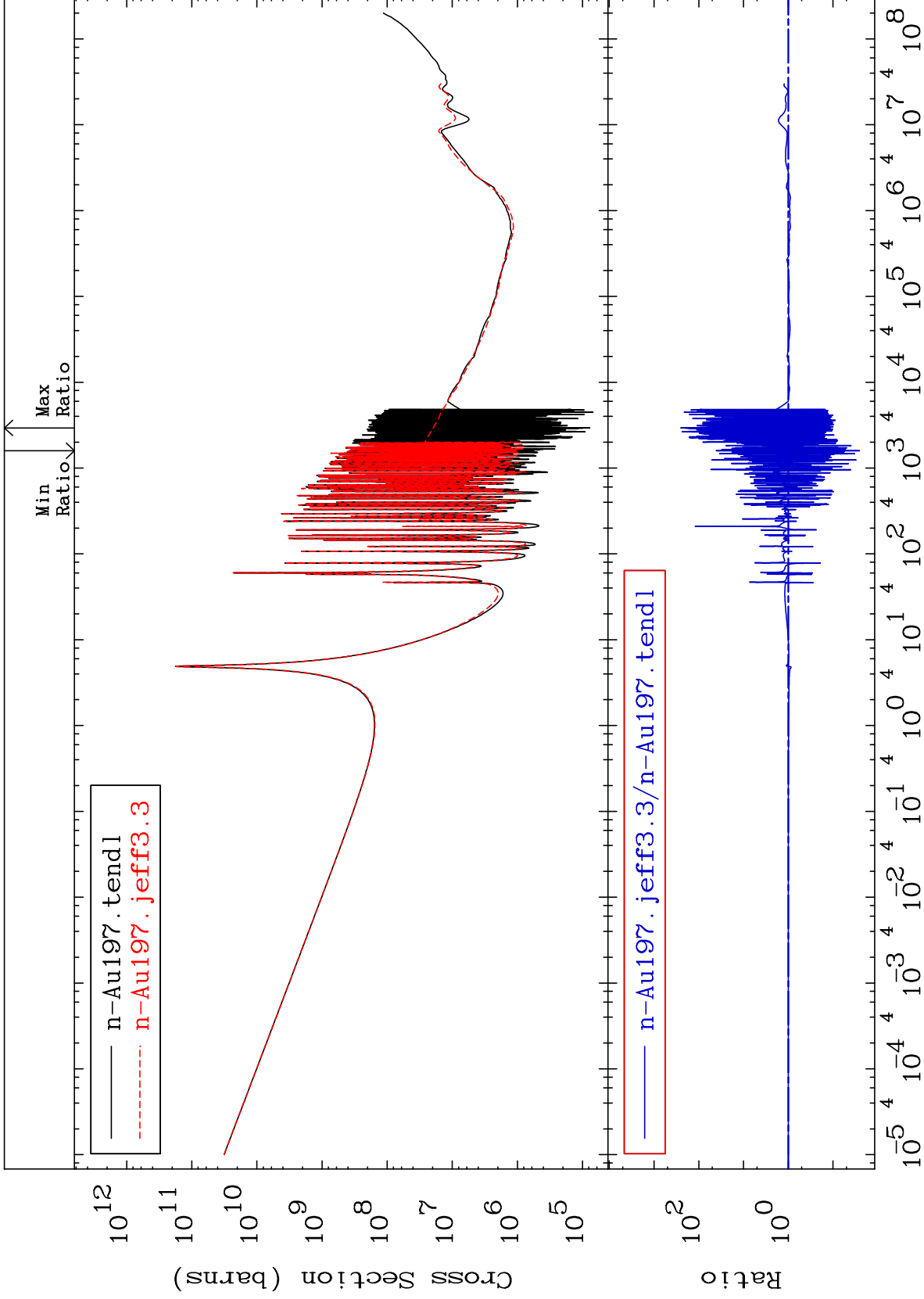
25

Incident Energy (eV)

79-Au-197

Cross Section

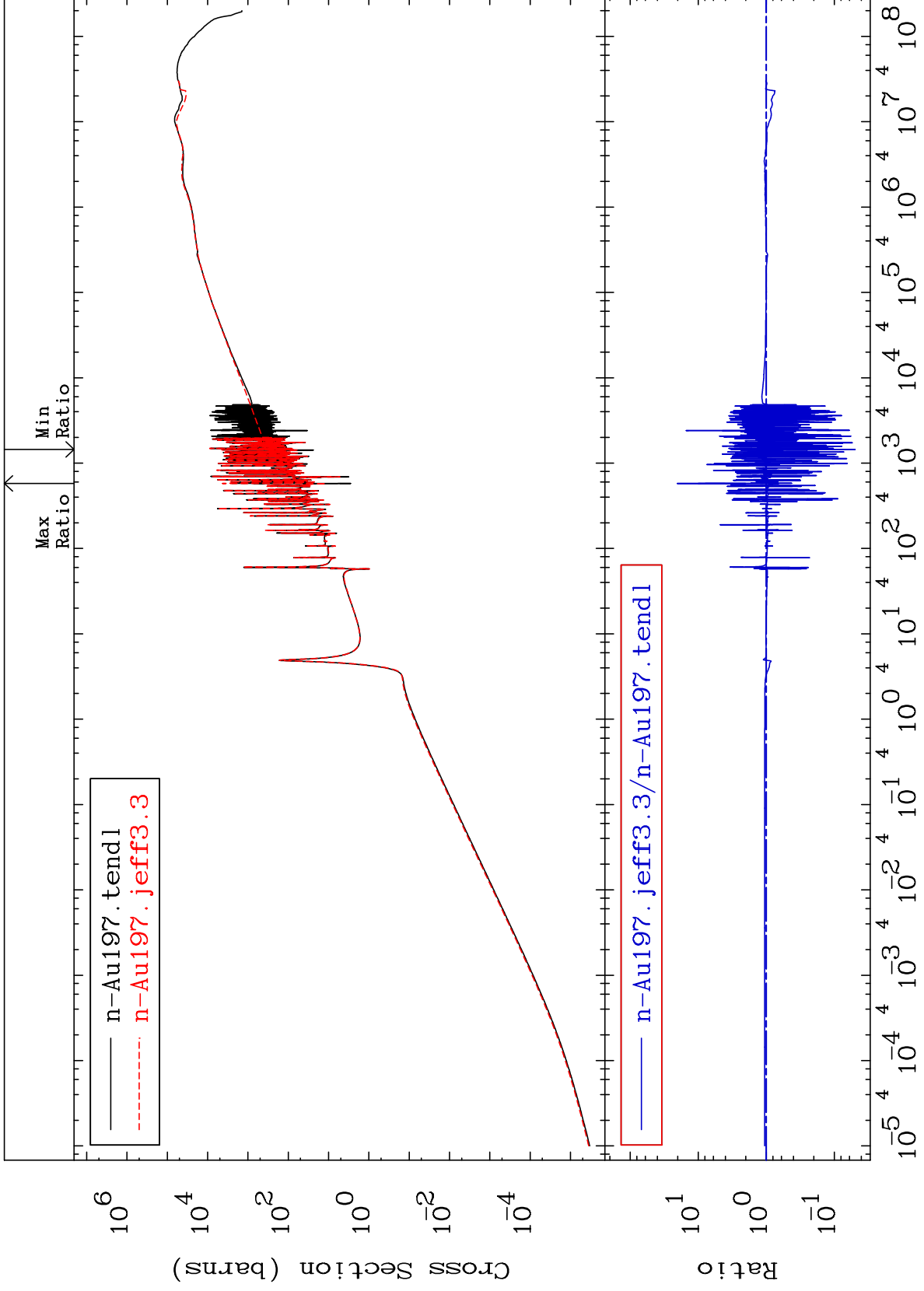
-97.44 To 9999. %

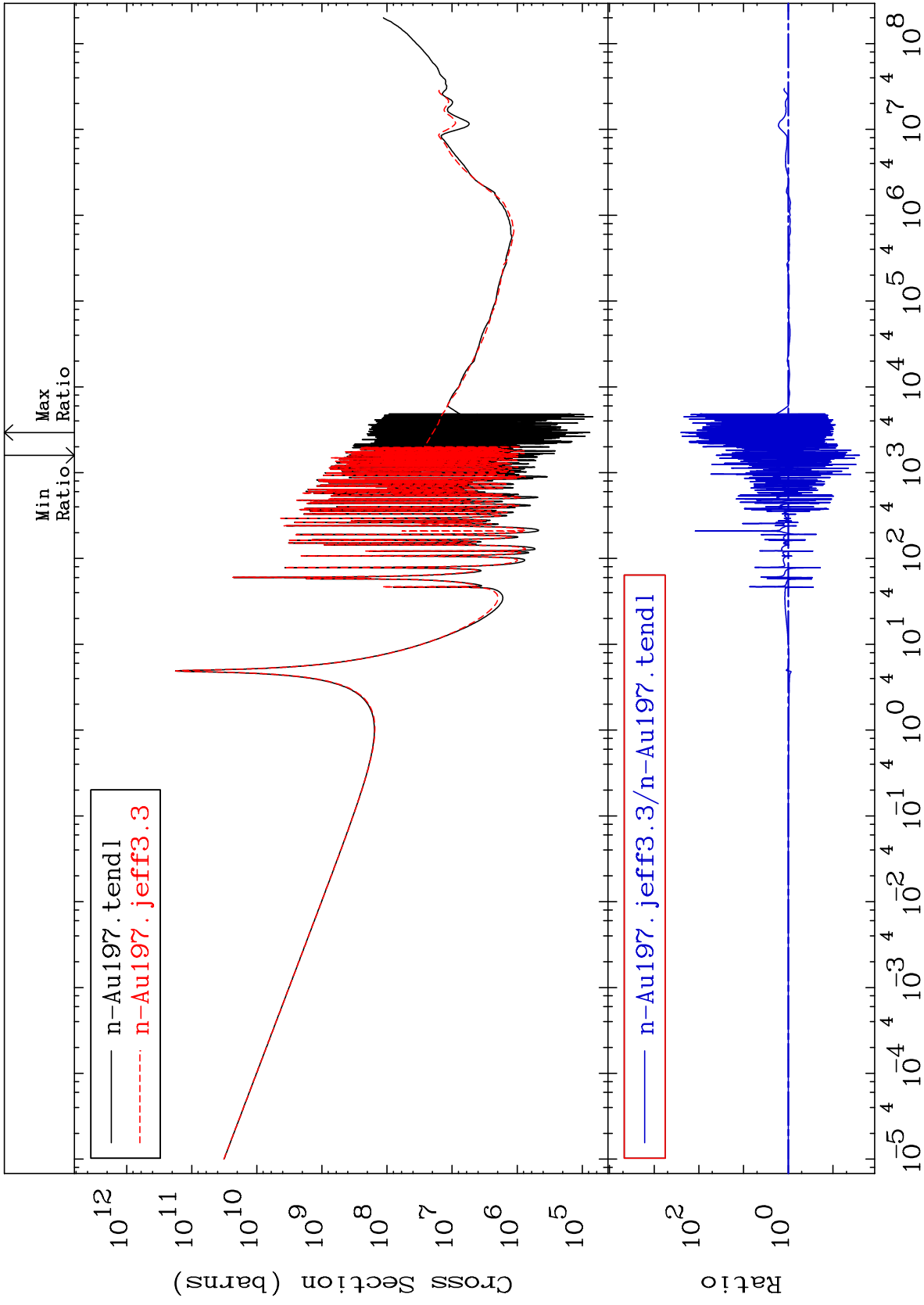


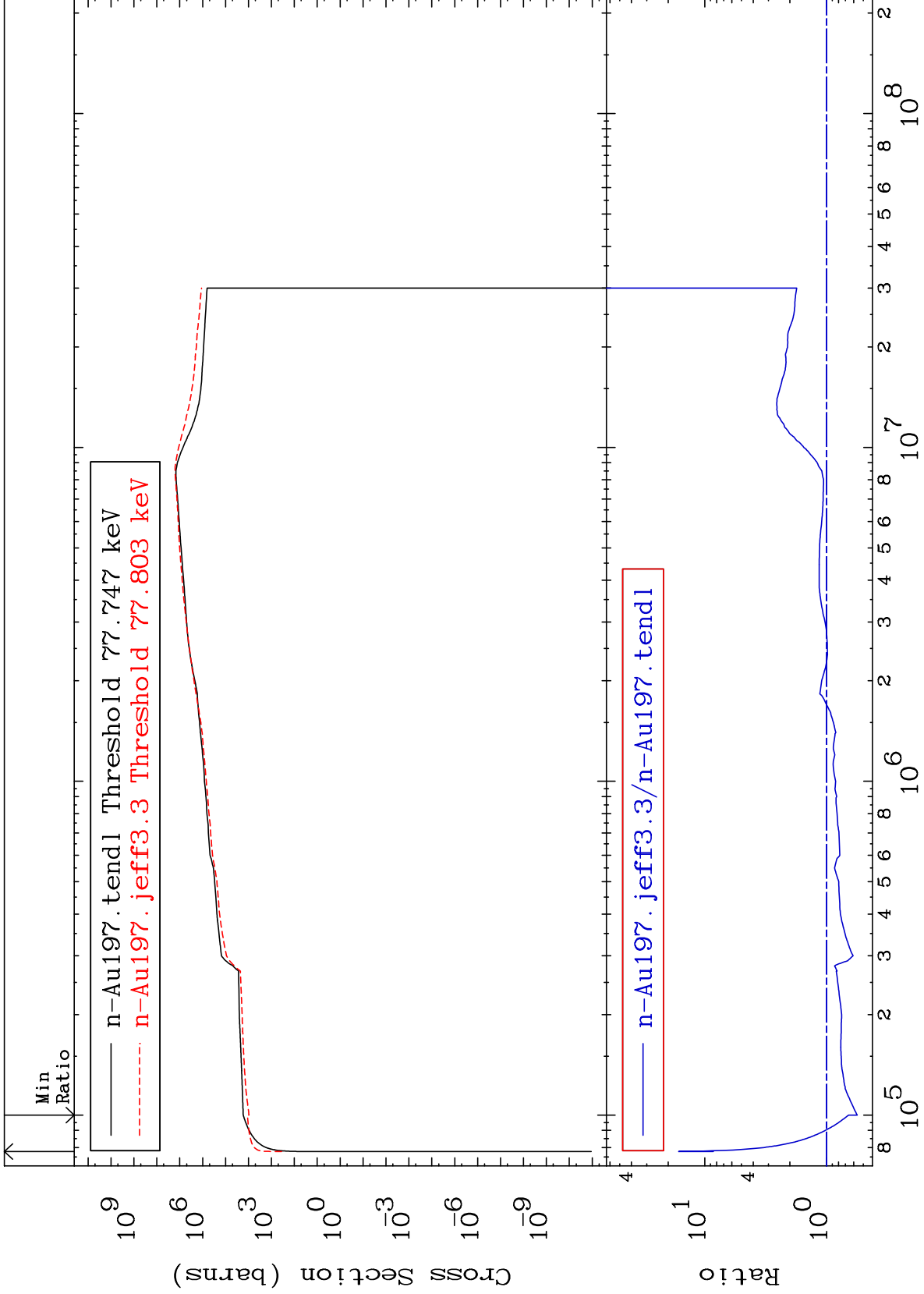
MAT 7925

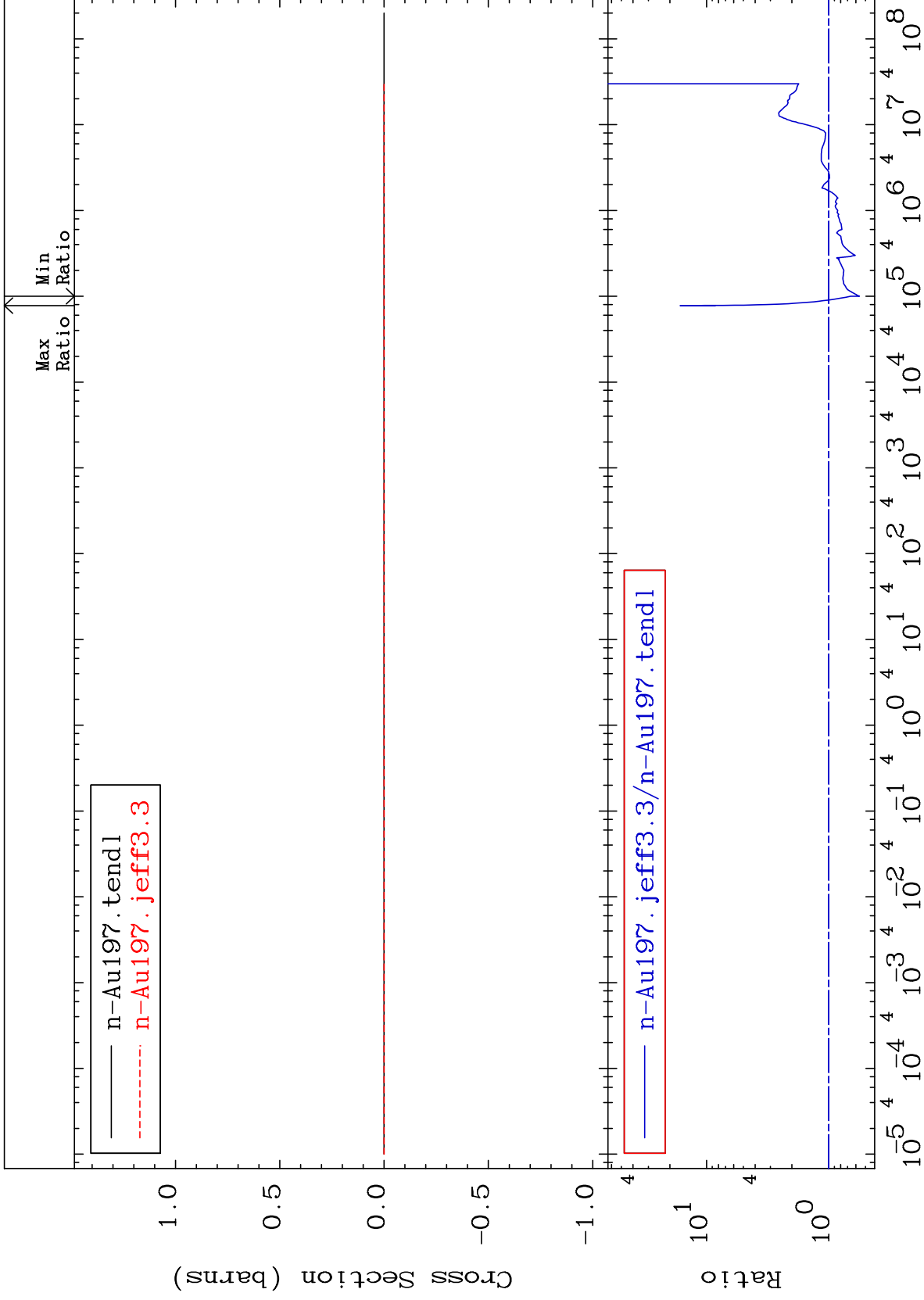
Kerma elastic  
Cross Section

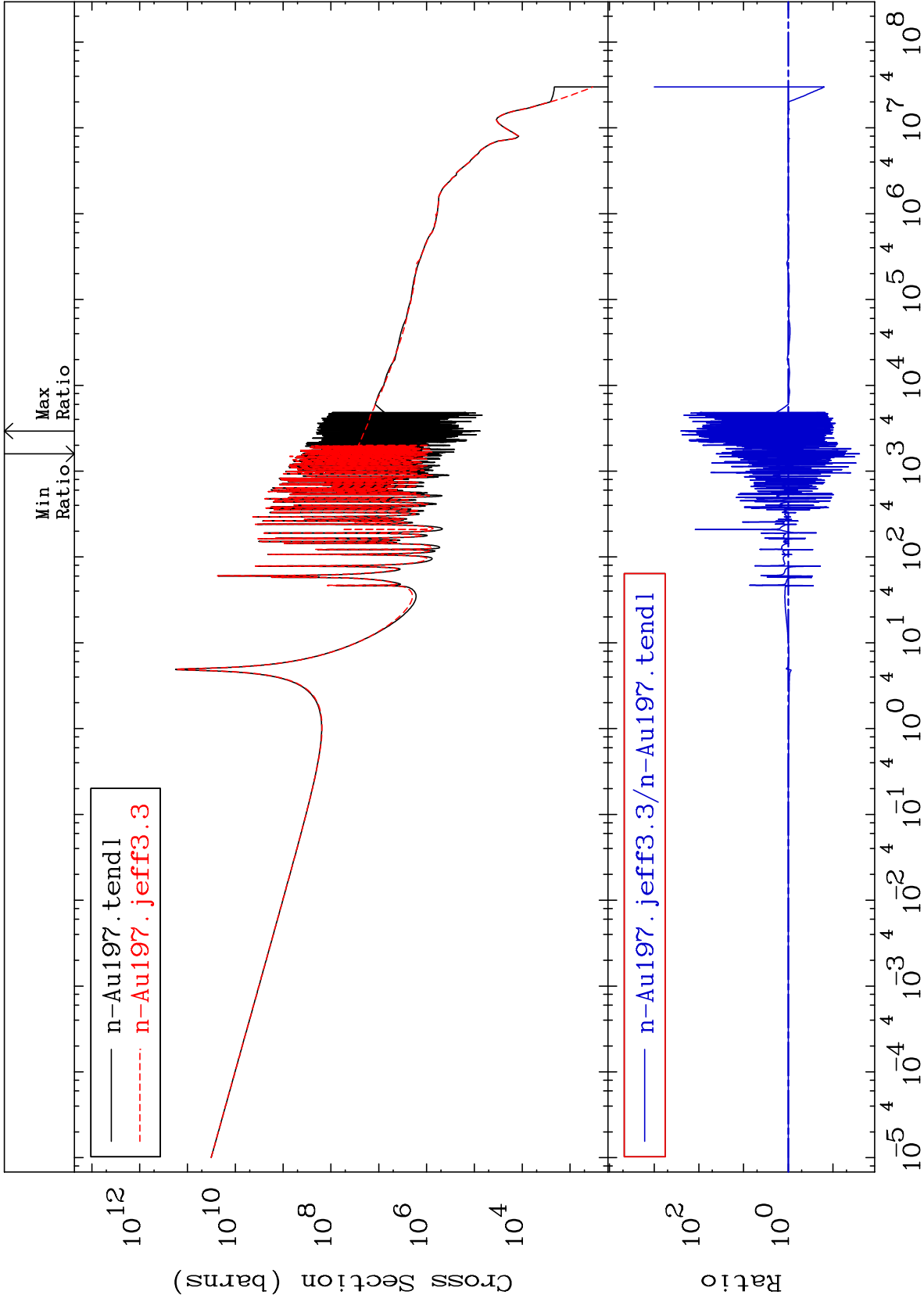
79-Au-197  
-95.05 To 1961. %

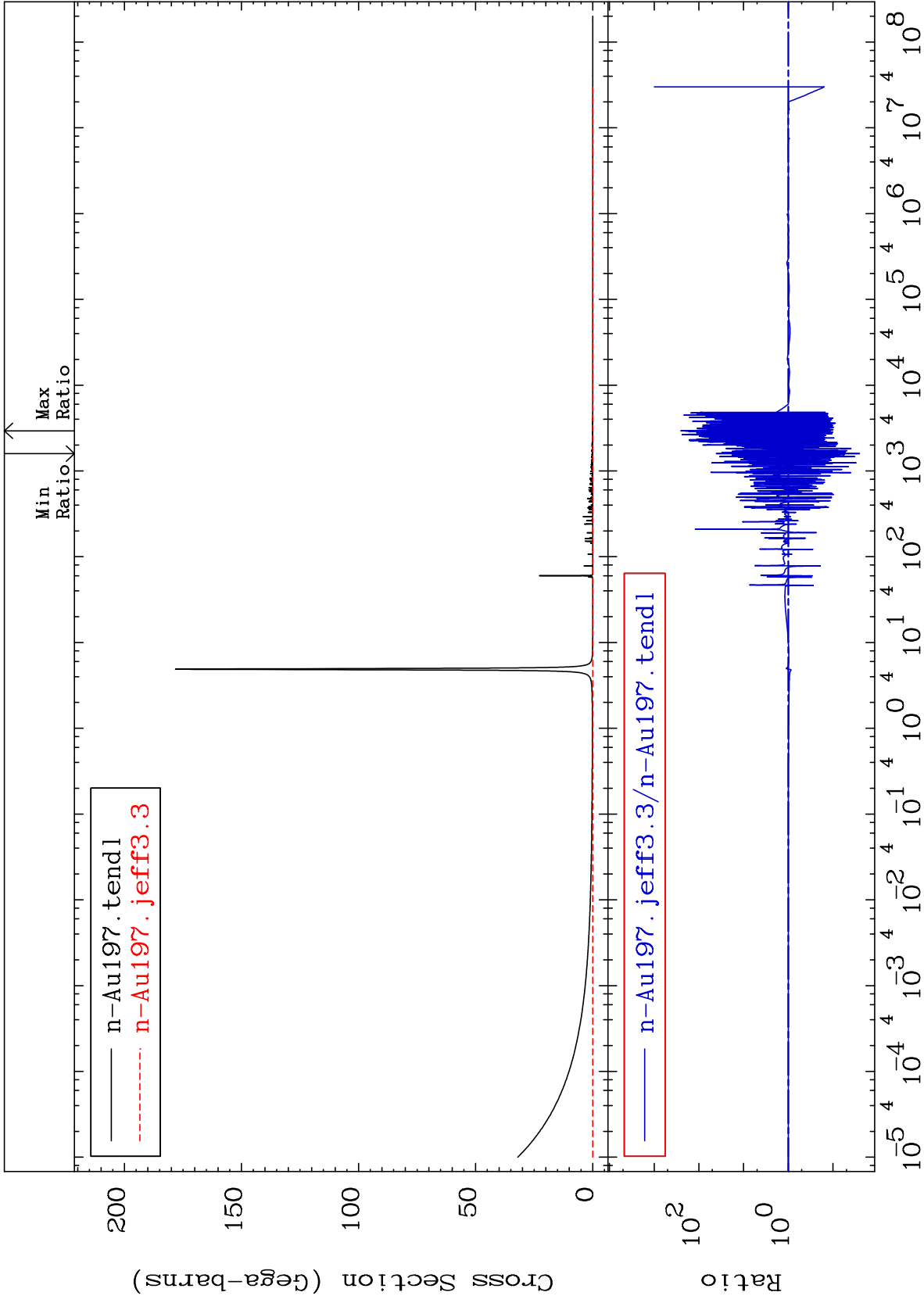




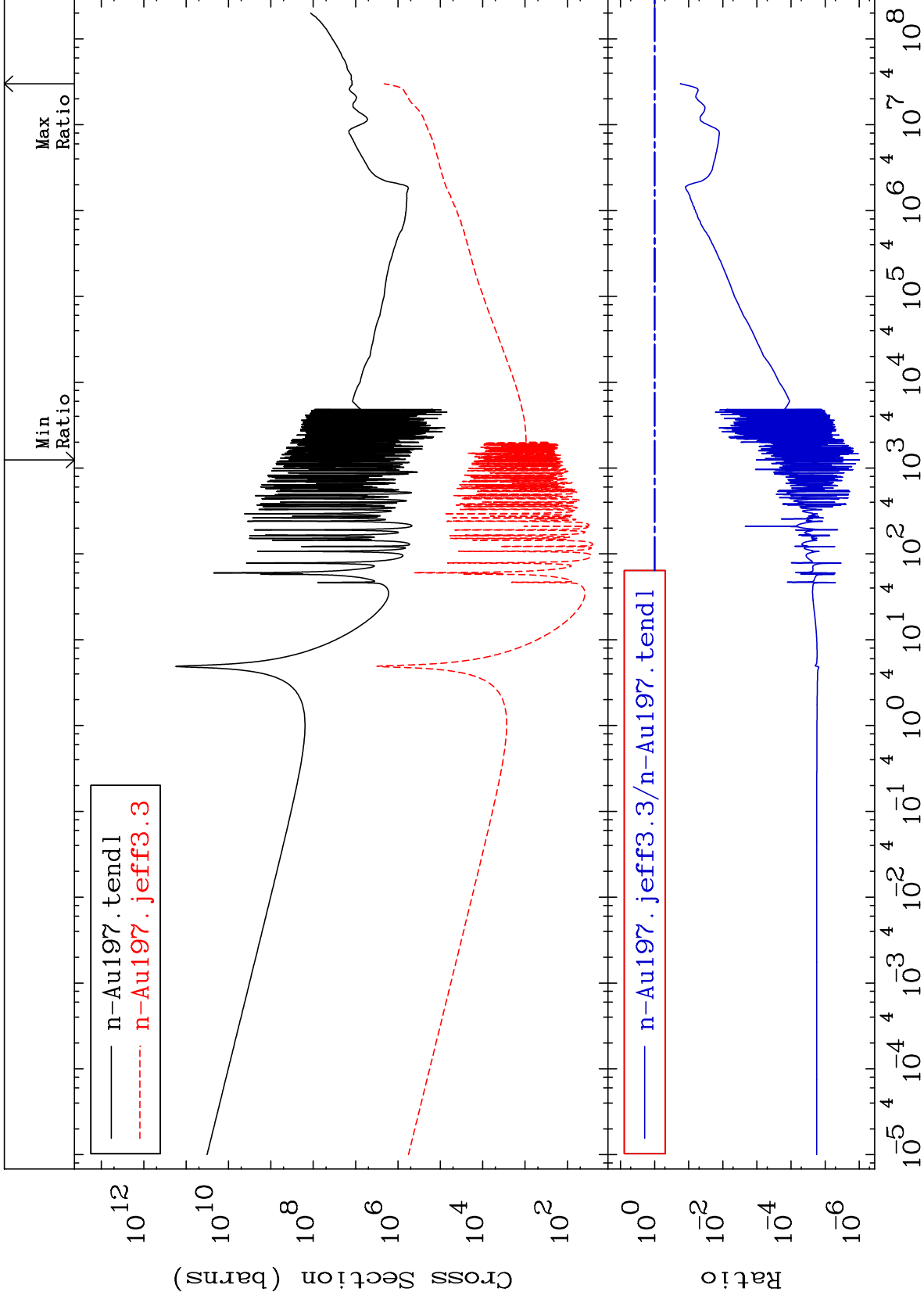


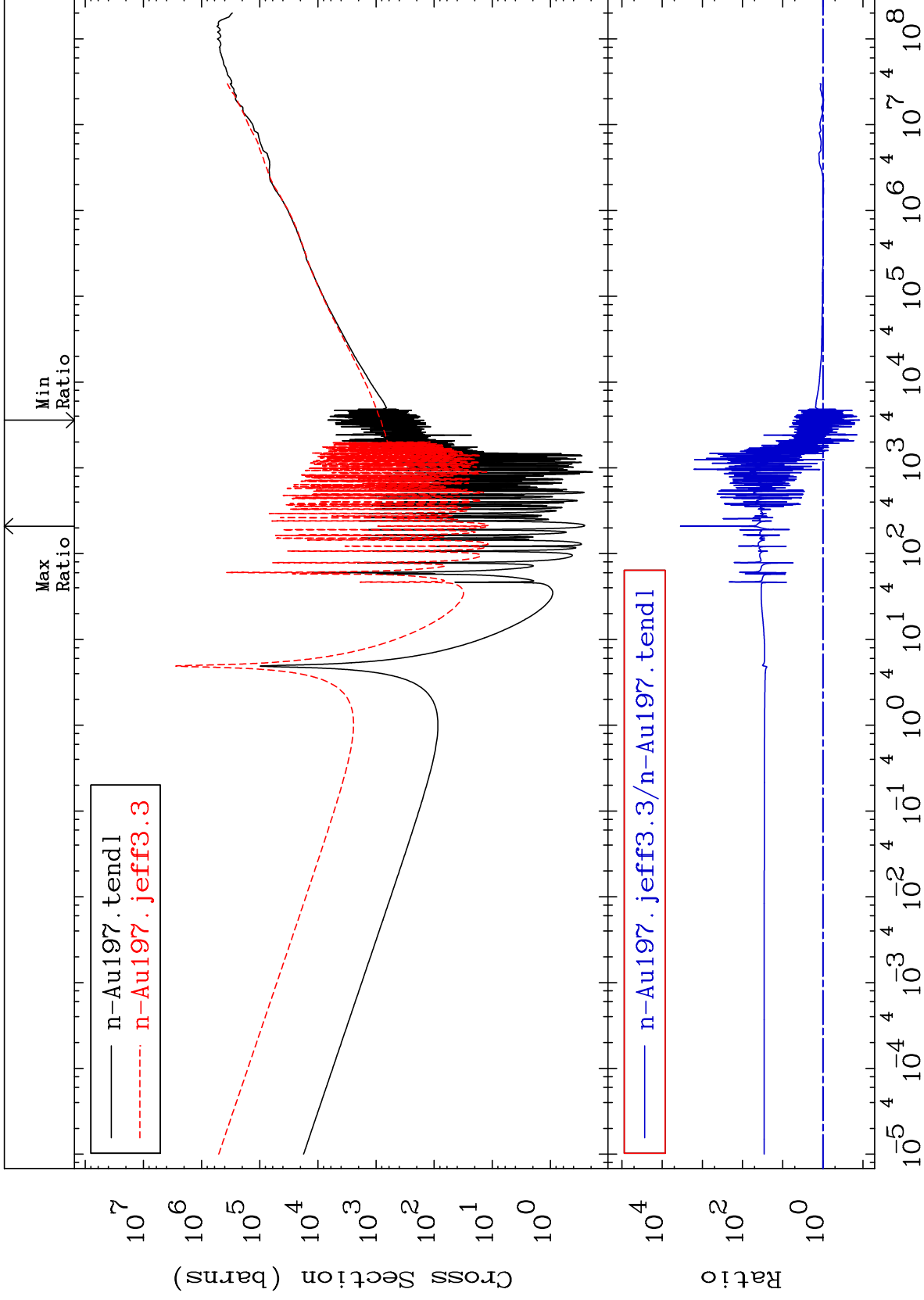








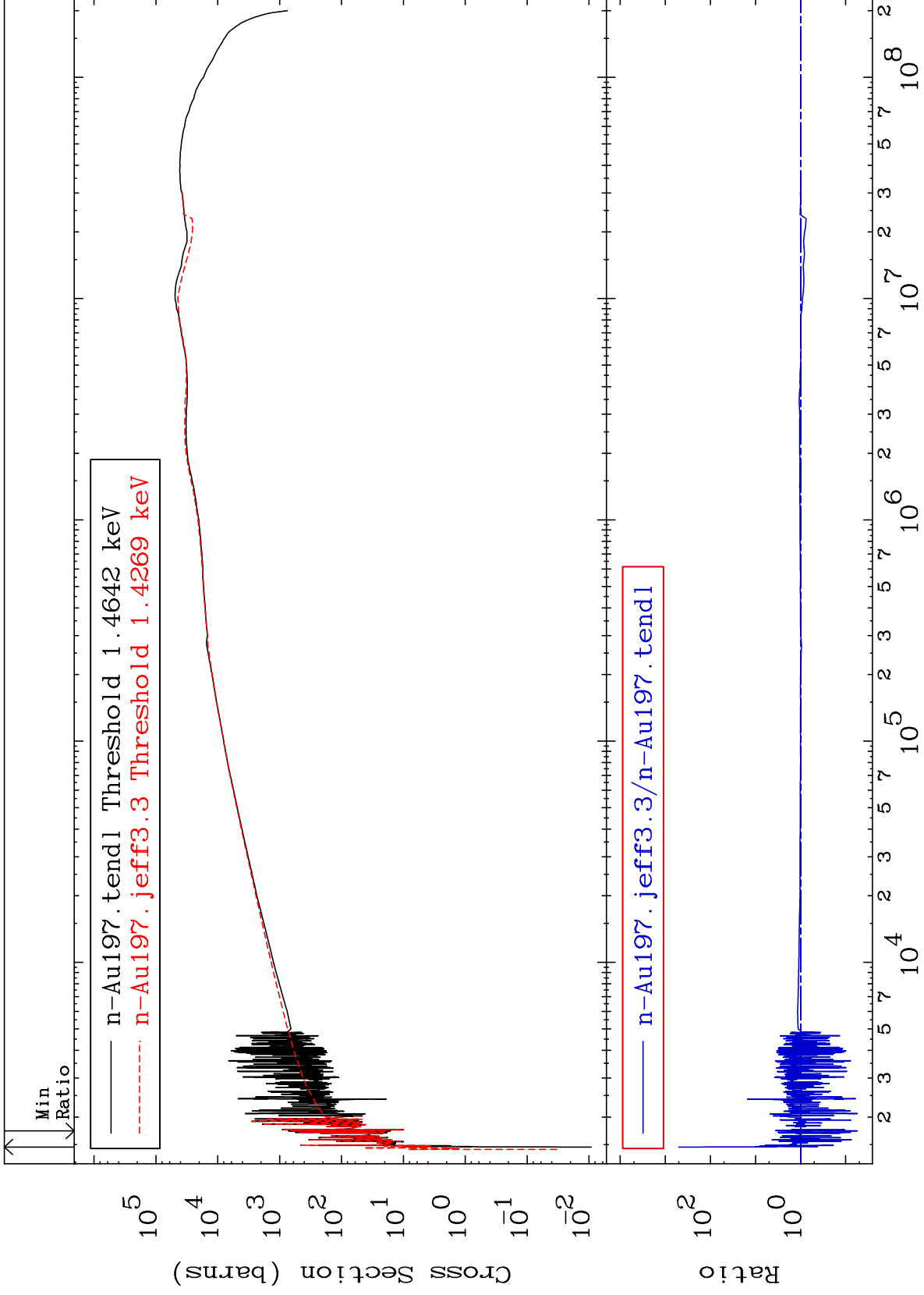


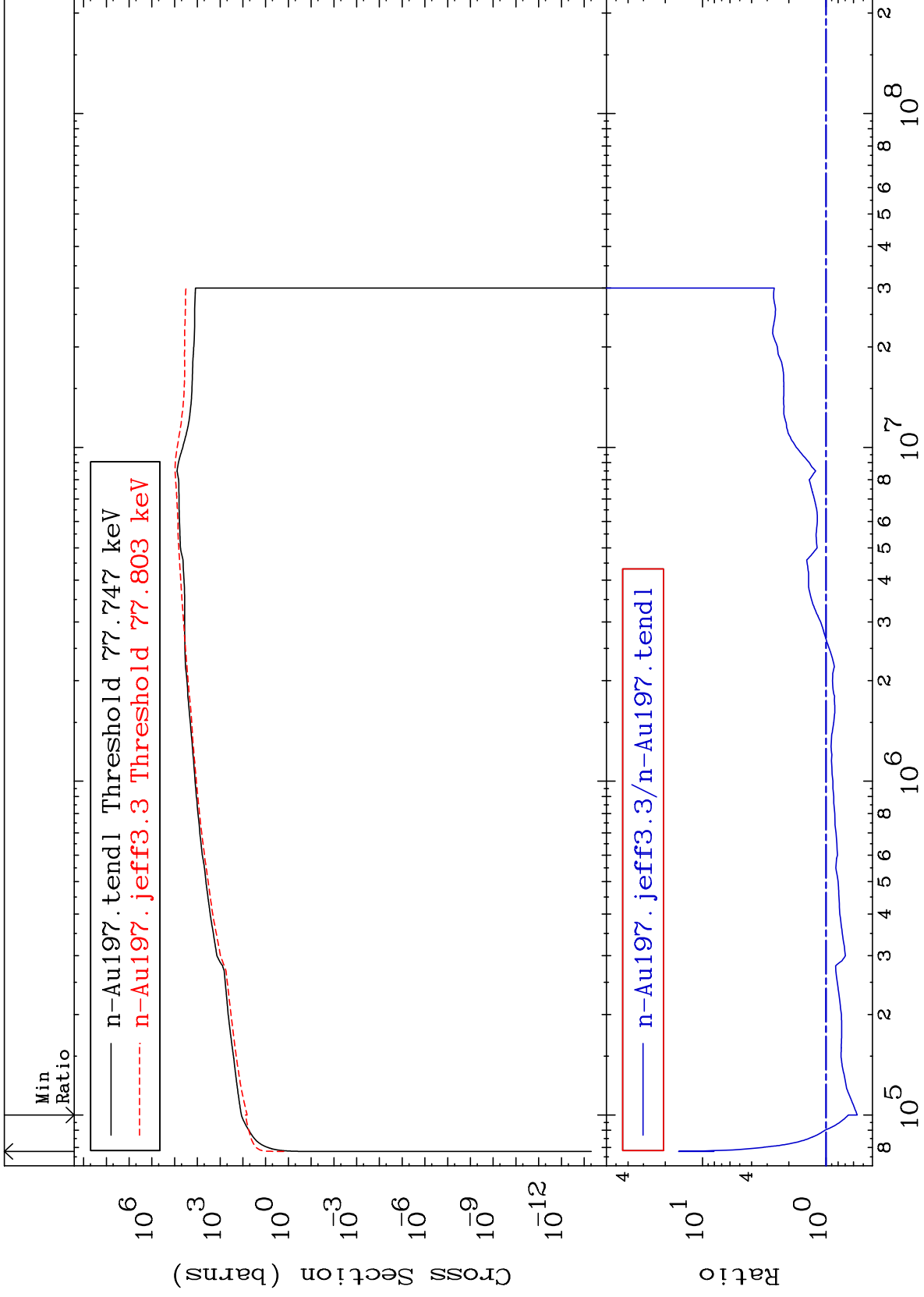


MAT 7925

Dpa elastic (mt2)  
Cross Section

79-Au-197  
-94.46 To 9999. %

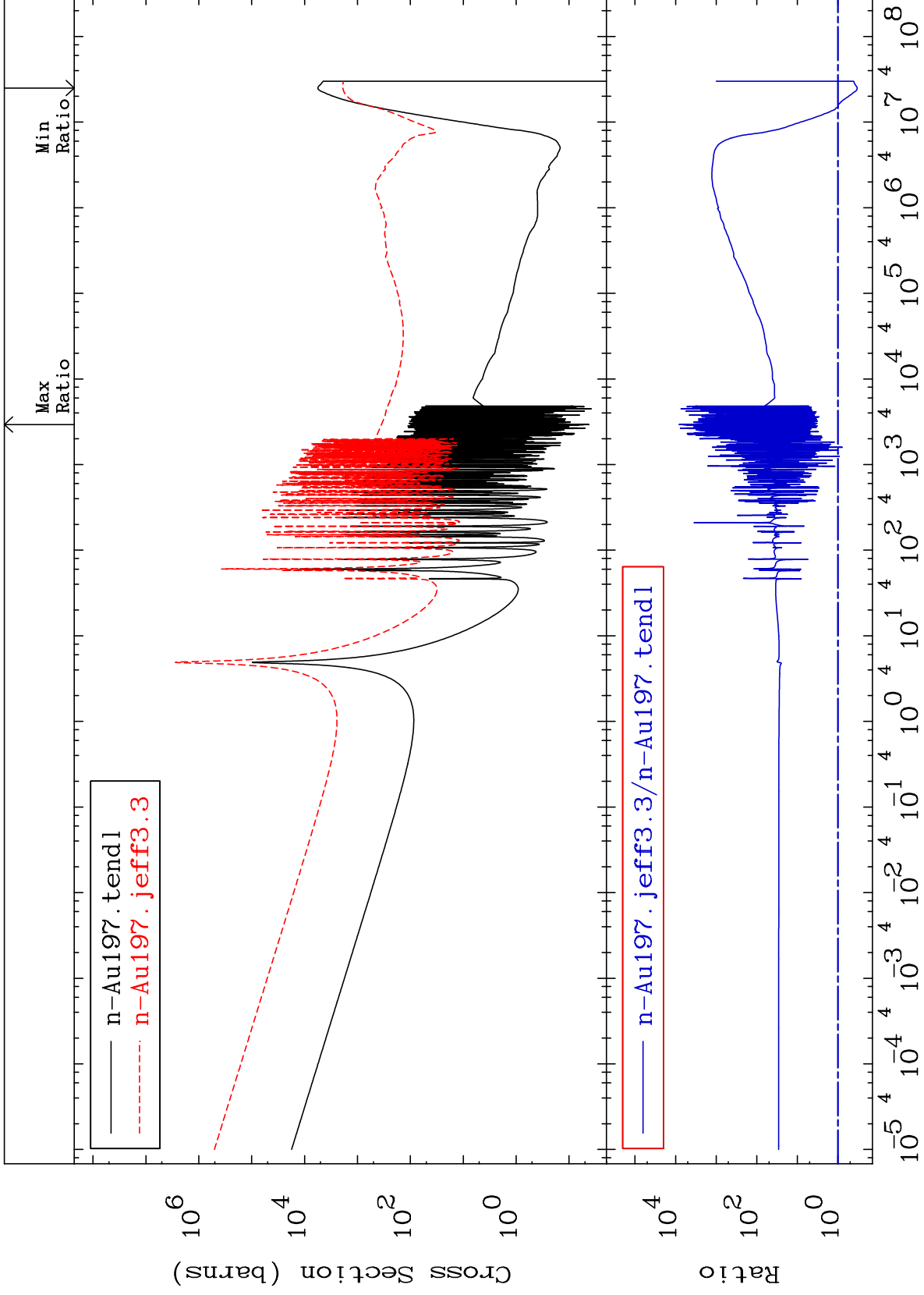




MAT 7925

Dpa disappearance (mt102 -120)  
Cross Section

79-Au-197  
-66.48 To 9999. %



37

Incident Energy (eV)

79-Au-197