

Program Complot  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

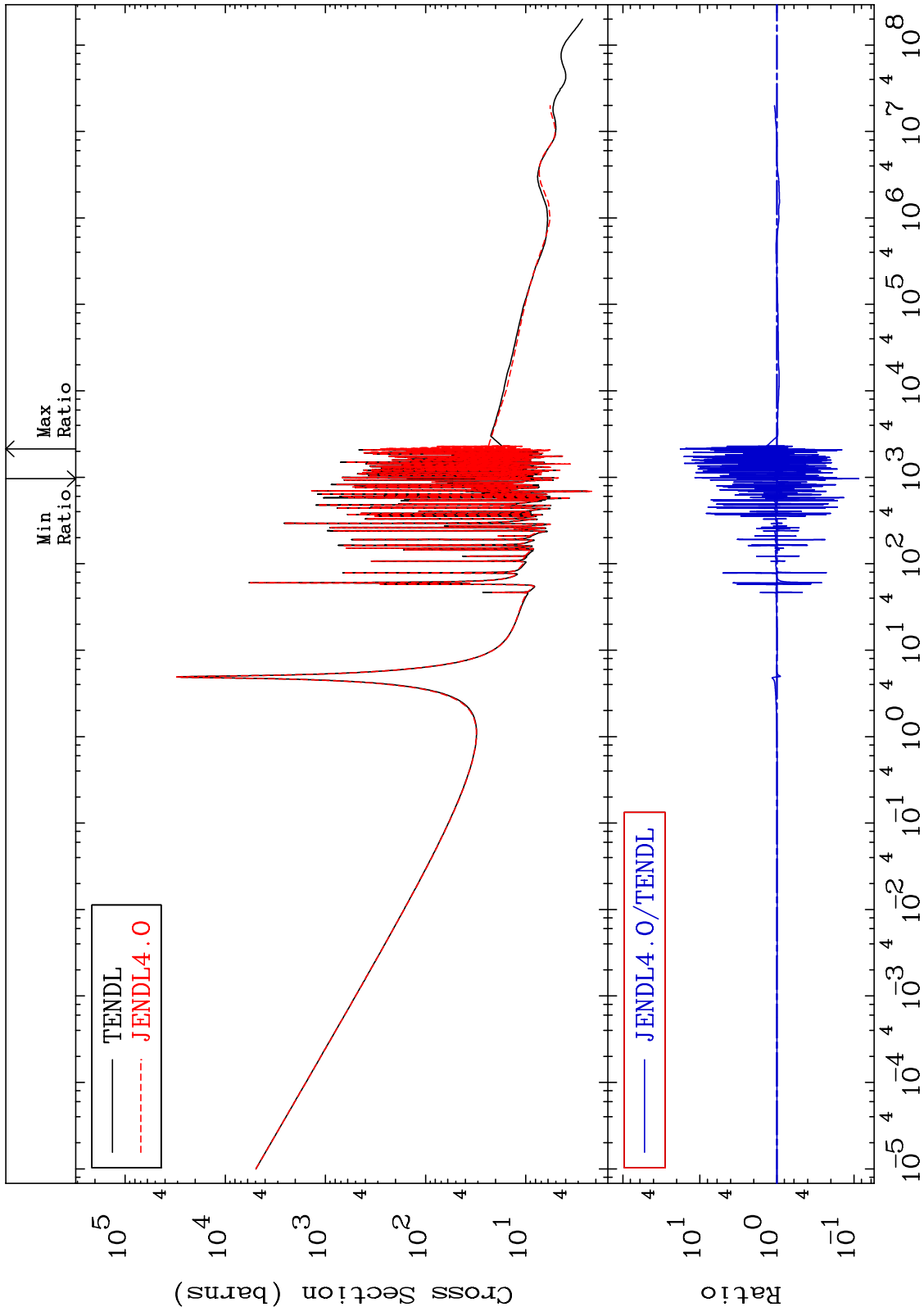
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7925

Total  
Cross Section

79-Au-197  
-91.36 To 1701. %

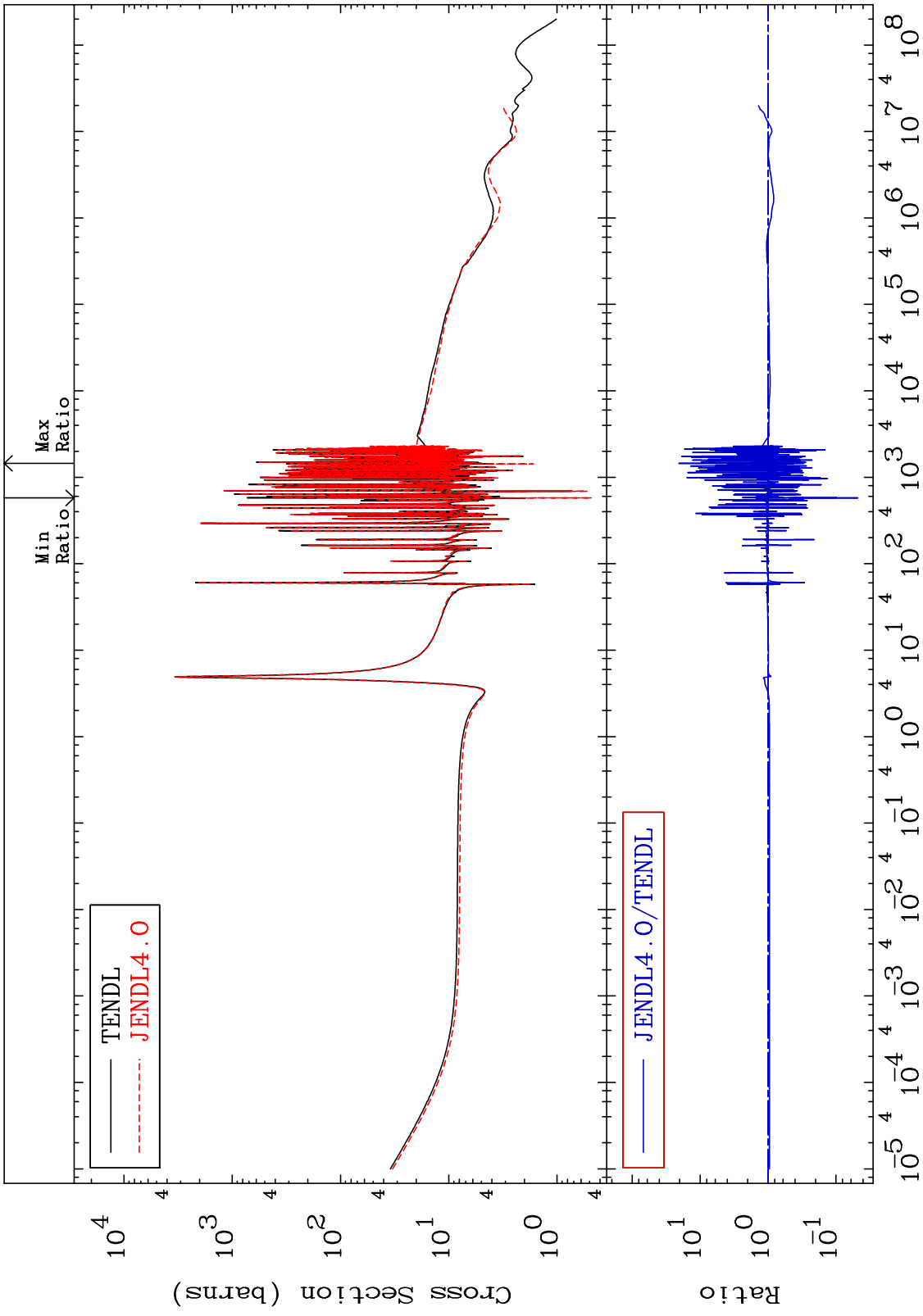


1

Incident Energy (eV)

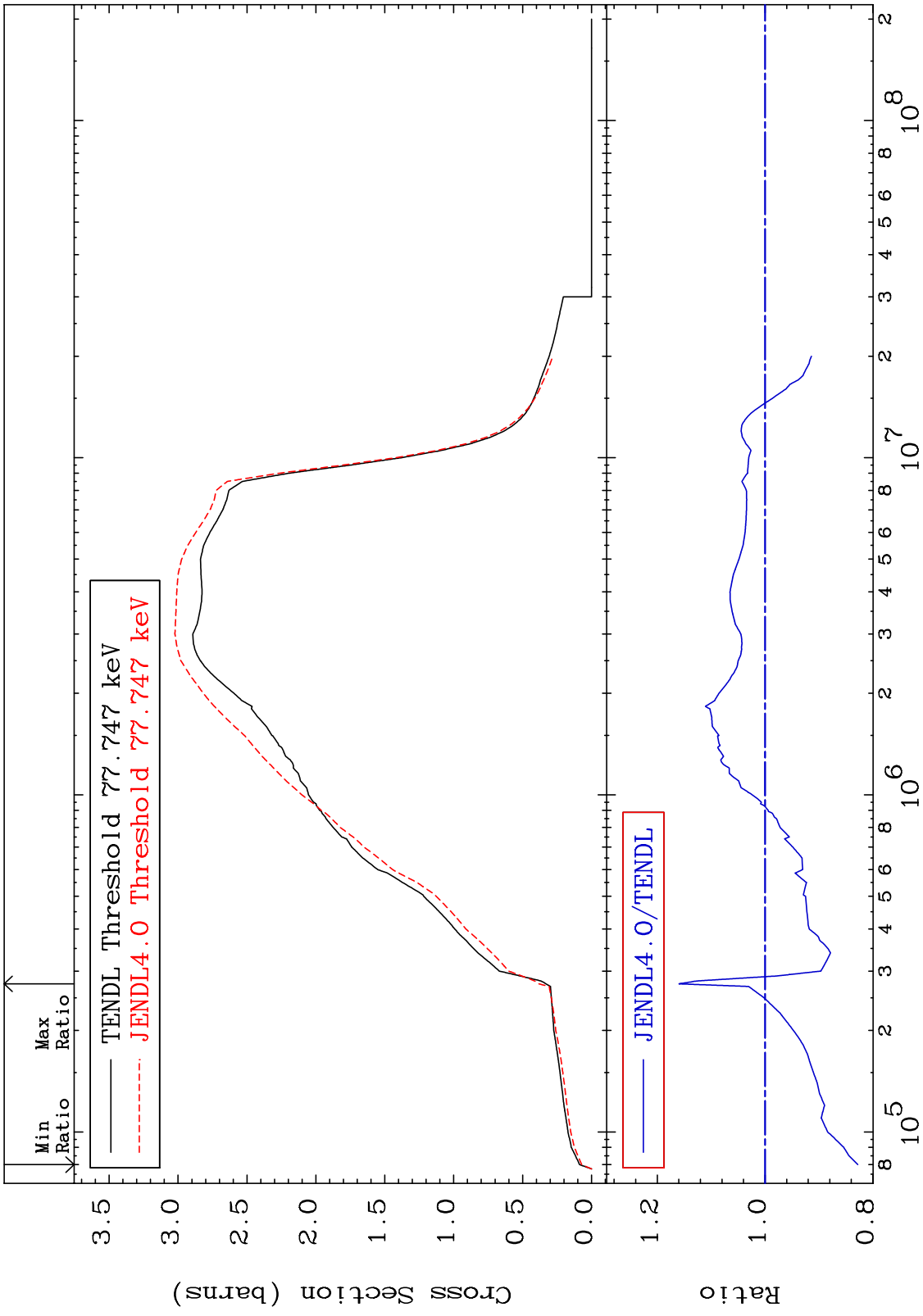
79-Au-197

MAT 7925 Elastic Cross Section 79-Au-197 -95.23 To 1946. %



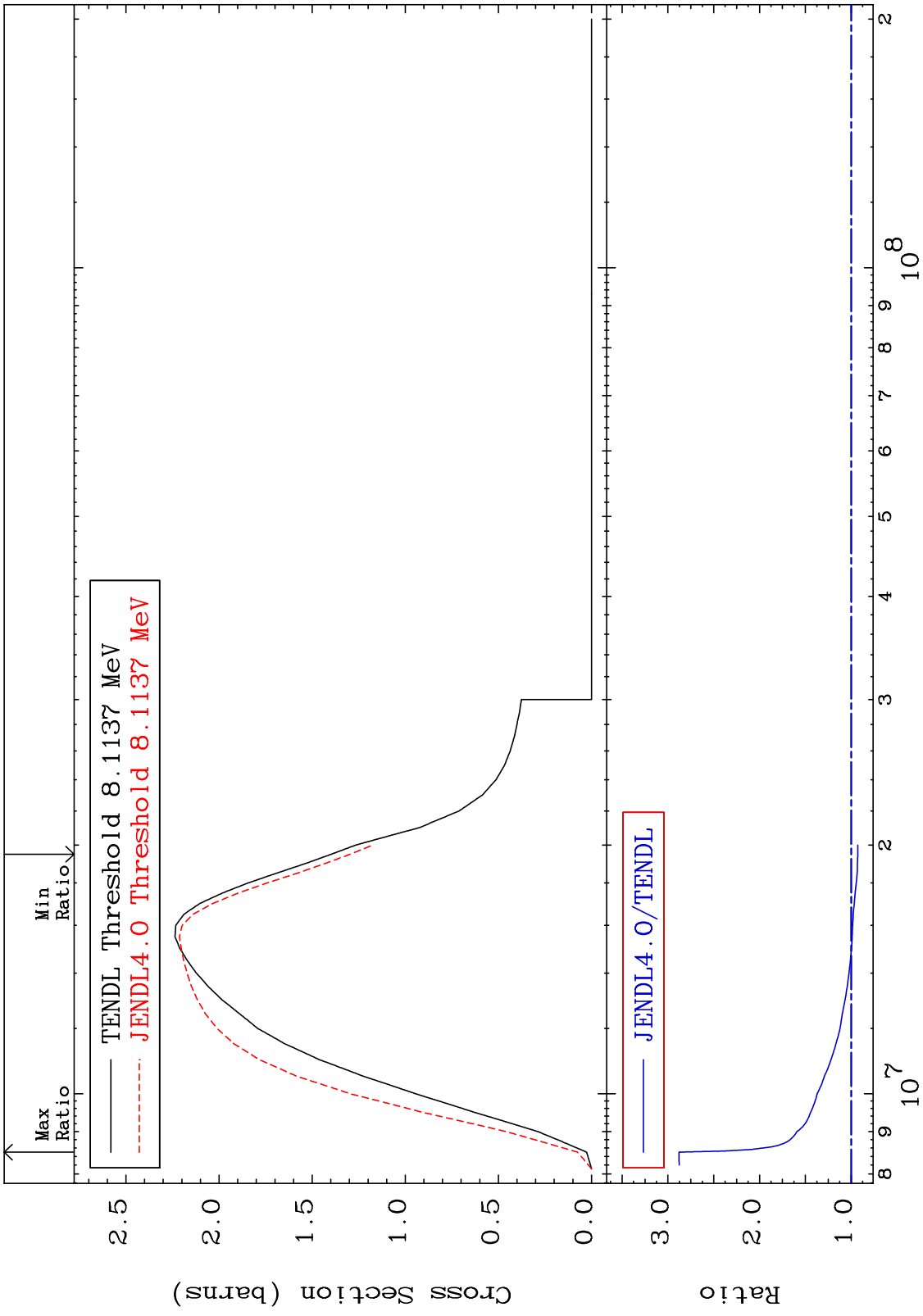
2 79-Au-197

MAT 7925 Inelastic Cross Section 79-Au-197 -17.21 To 15.96 %



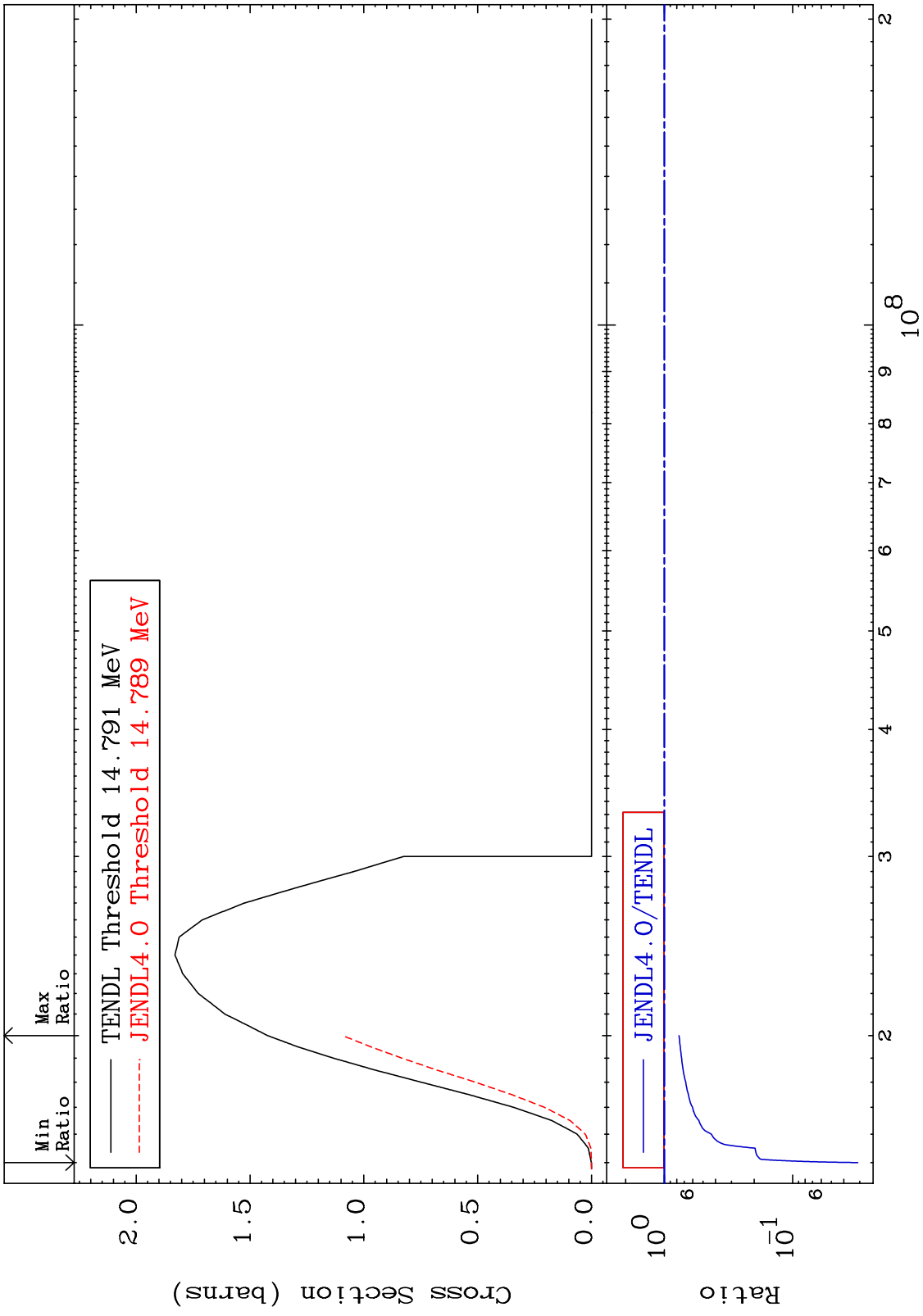
79-Au-197

MAT 7925 (n,2n) Cross Section 79-Au-197 -7.246 To 187.9 %

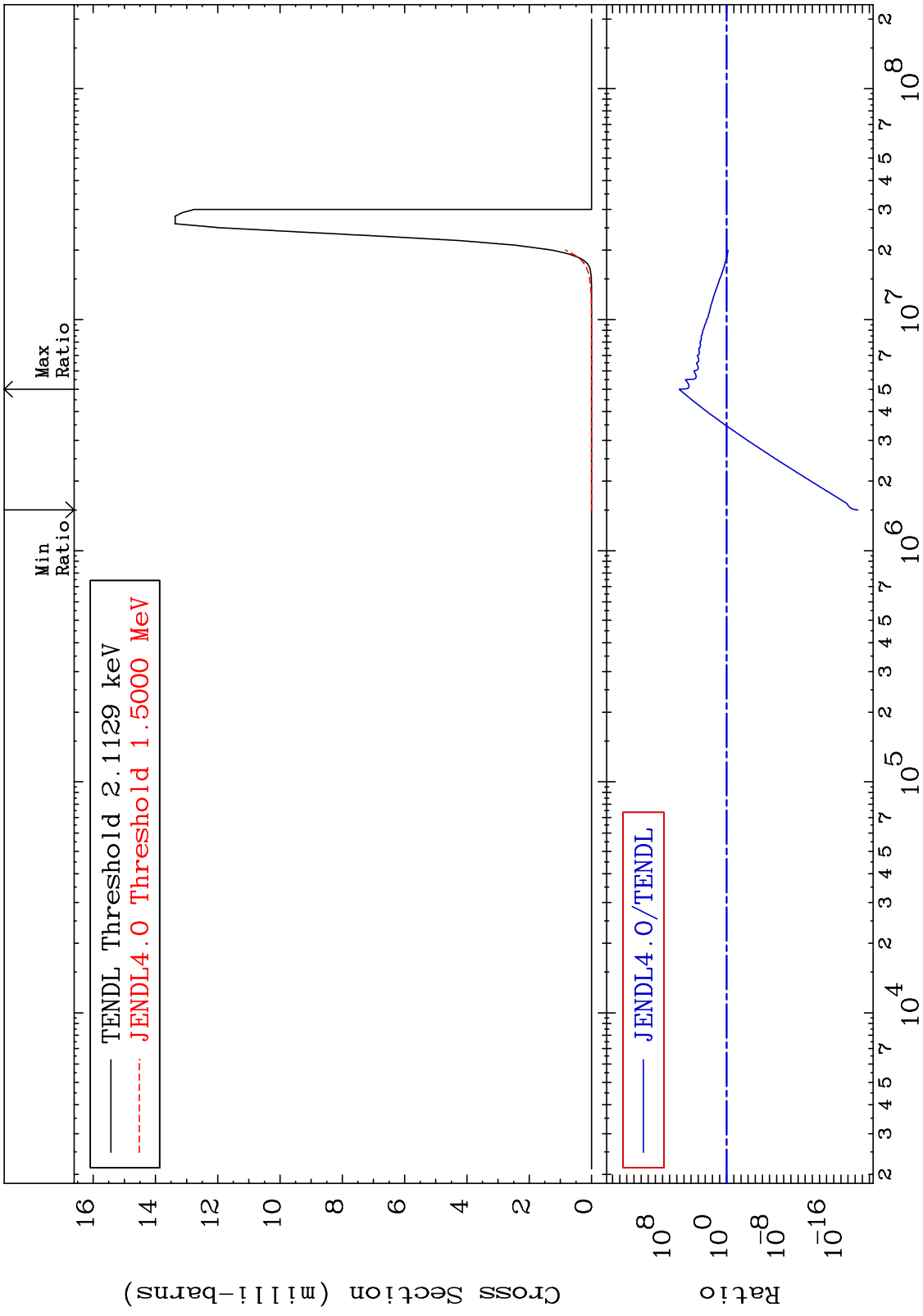


4 79-Au-197

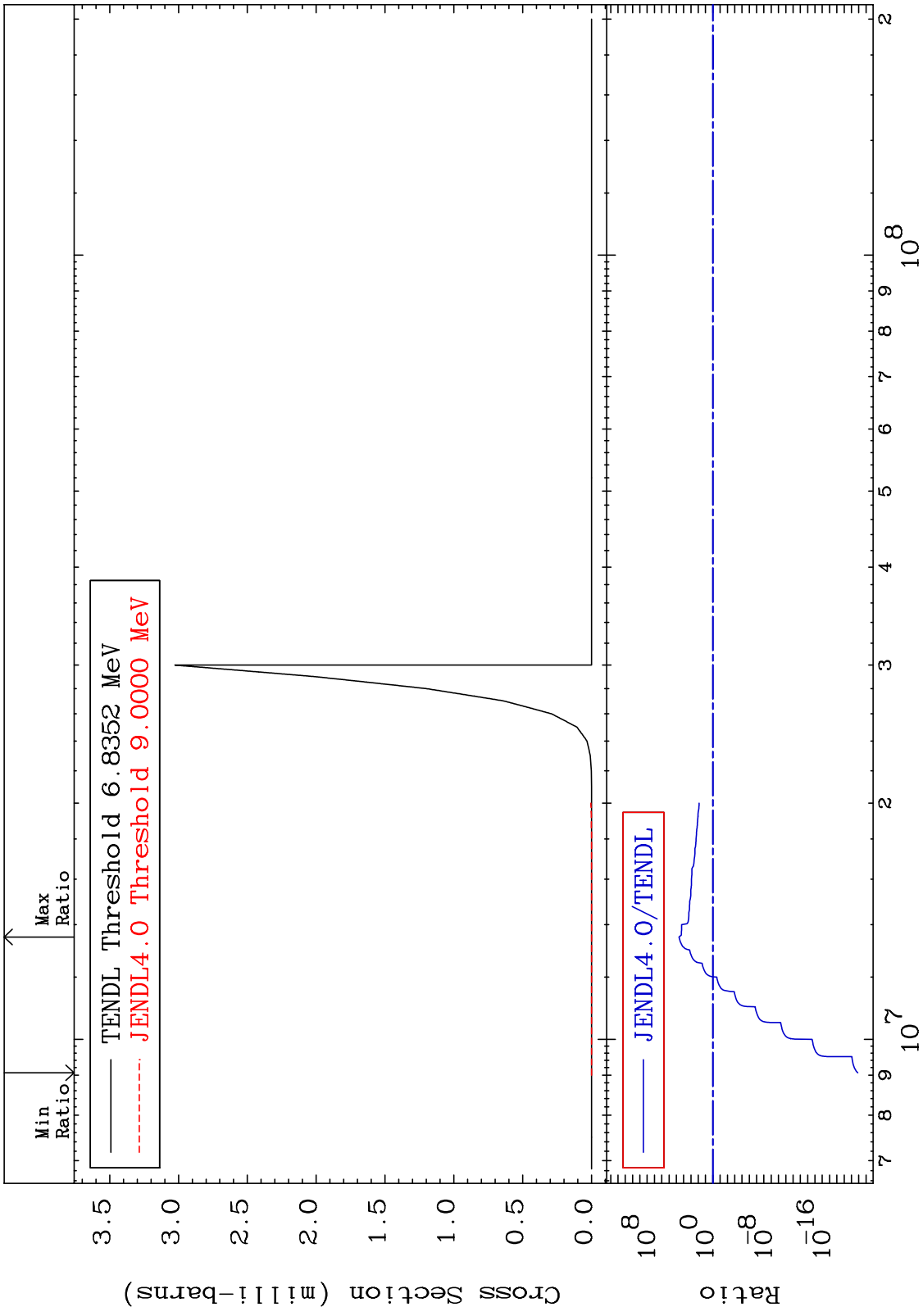
MAT 7925 (n,3n) Cross Section 79-Au-197 -96.89 To -23.13%



MAT 7925  $(n, n') \alpha$  79-Au-197  
 Cross Section -100.0 To 9999. %



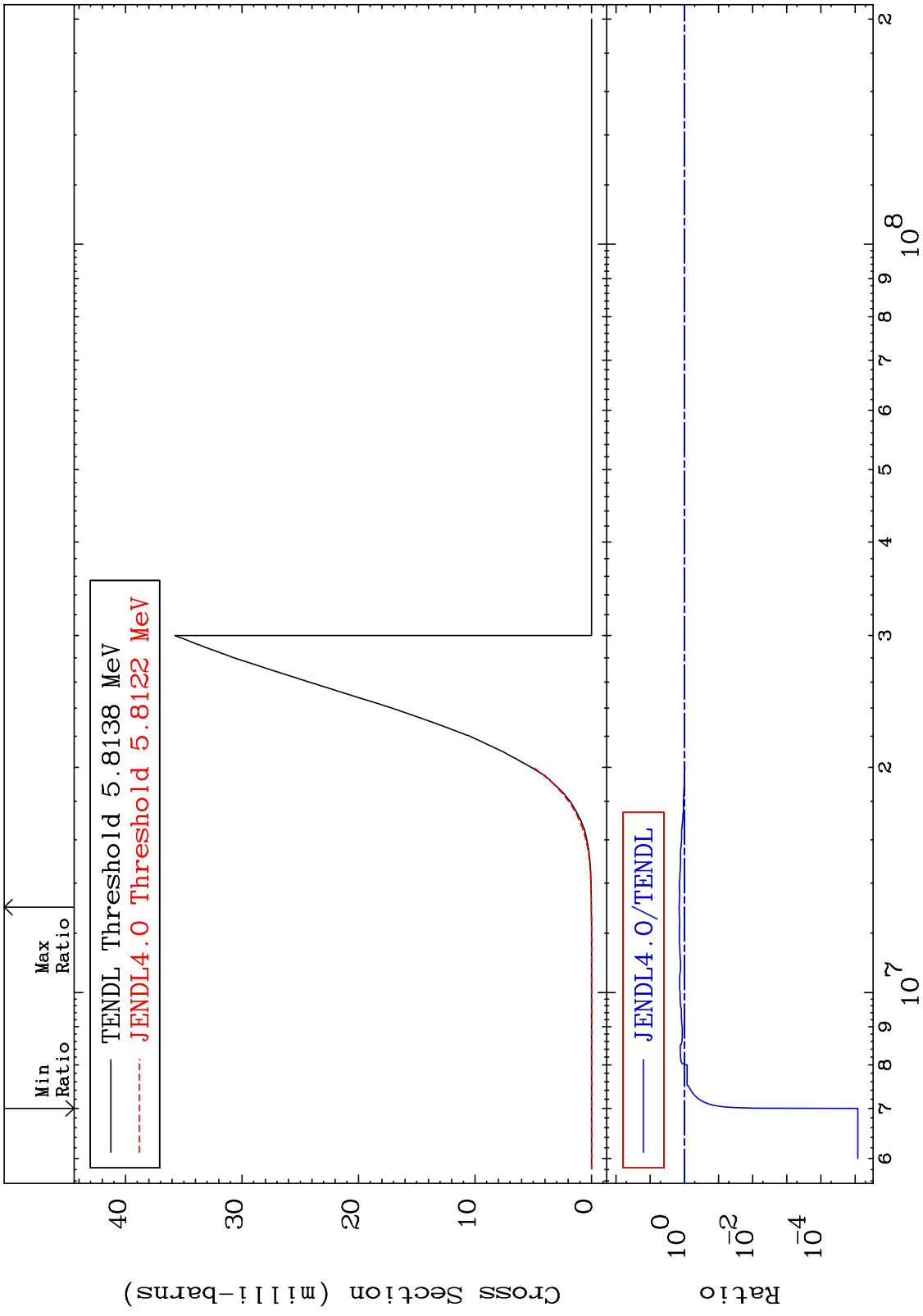
MAT 7925 79-Au-197  
 (n,2n)  $\alpha$  -100.0 To 9999. %  
 Cross Section

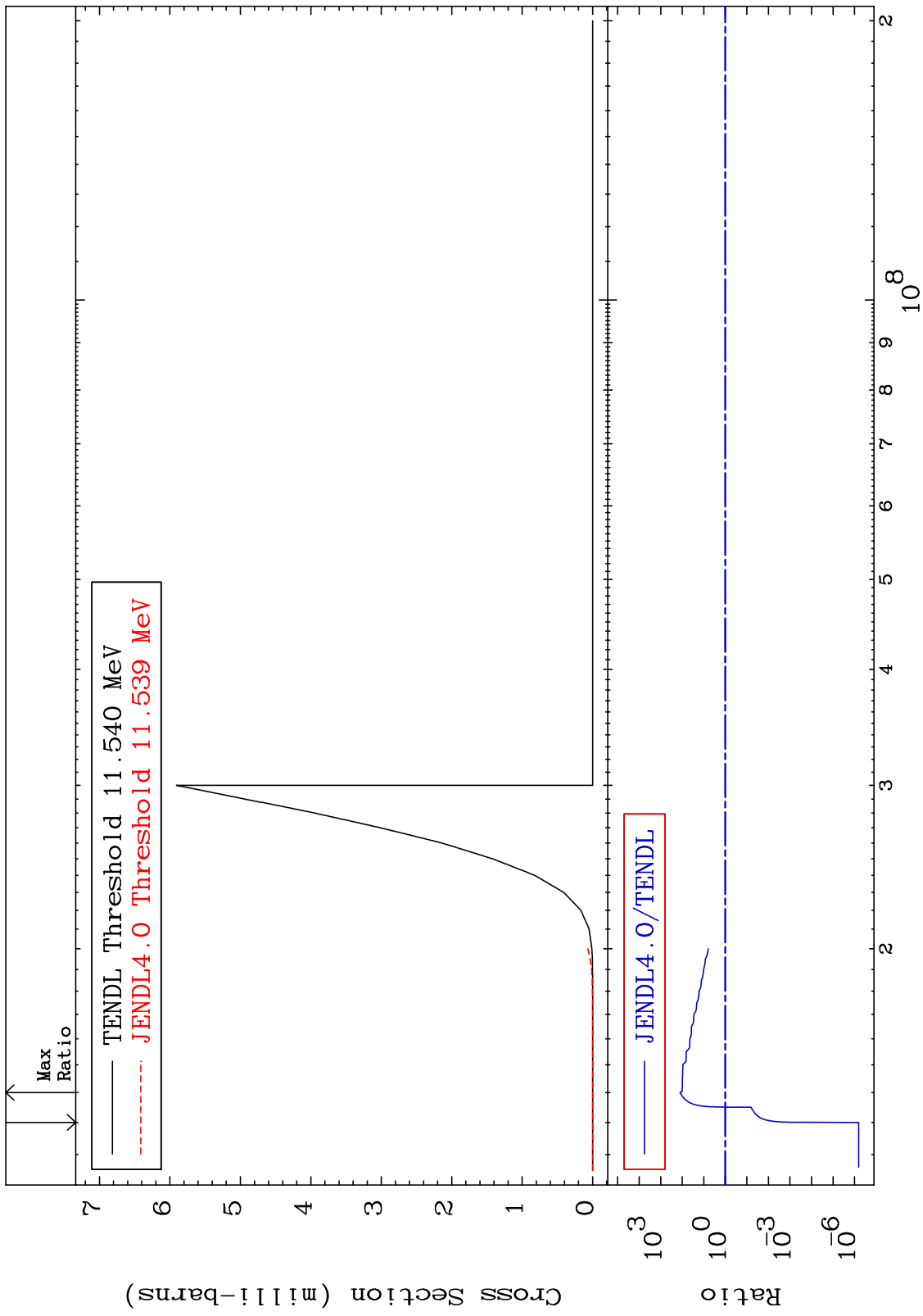


7 79-Au-197  
 Incident Energy (eV)

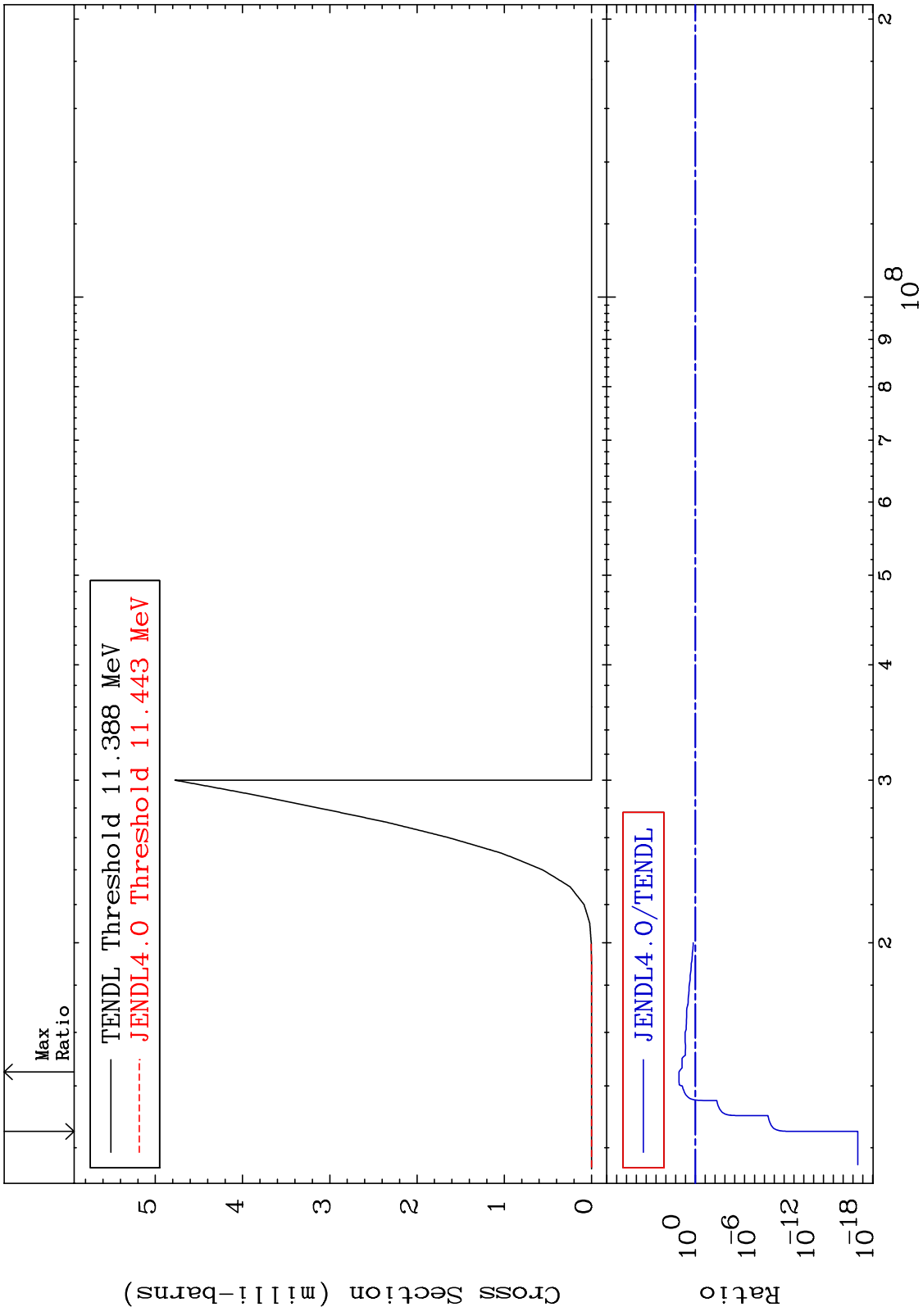


MAT 7925 (n,n') p 79-Au-197  
Cross Section -100.0 To 43.18 %

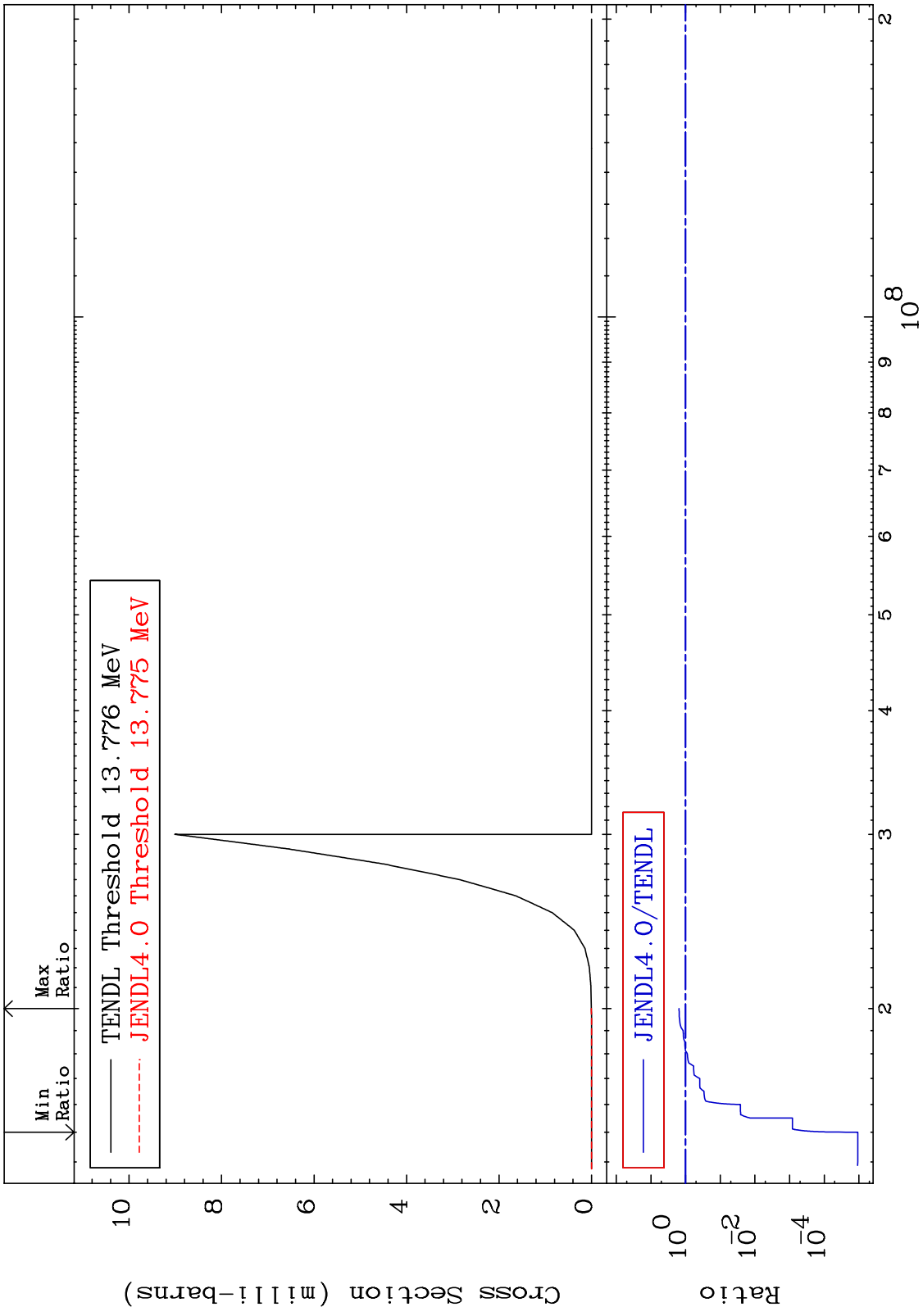




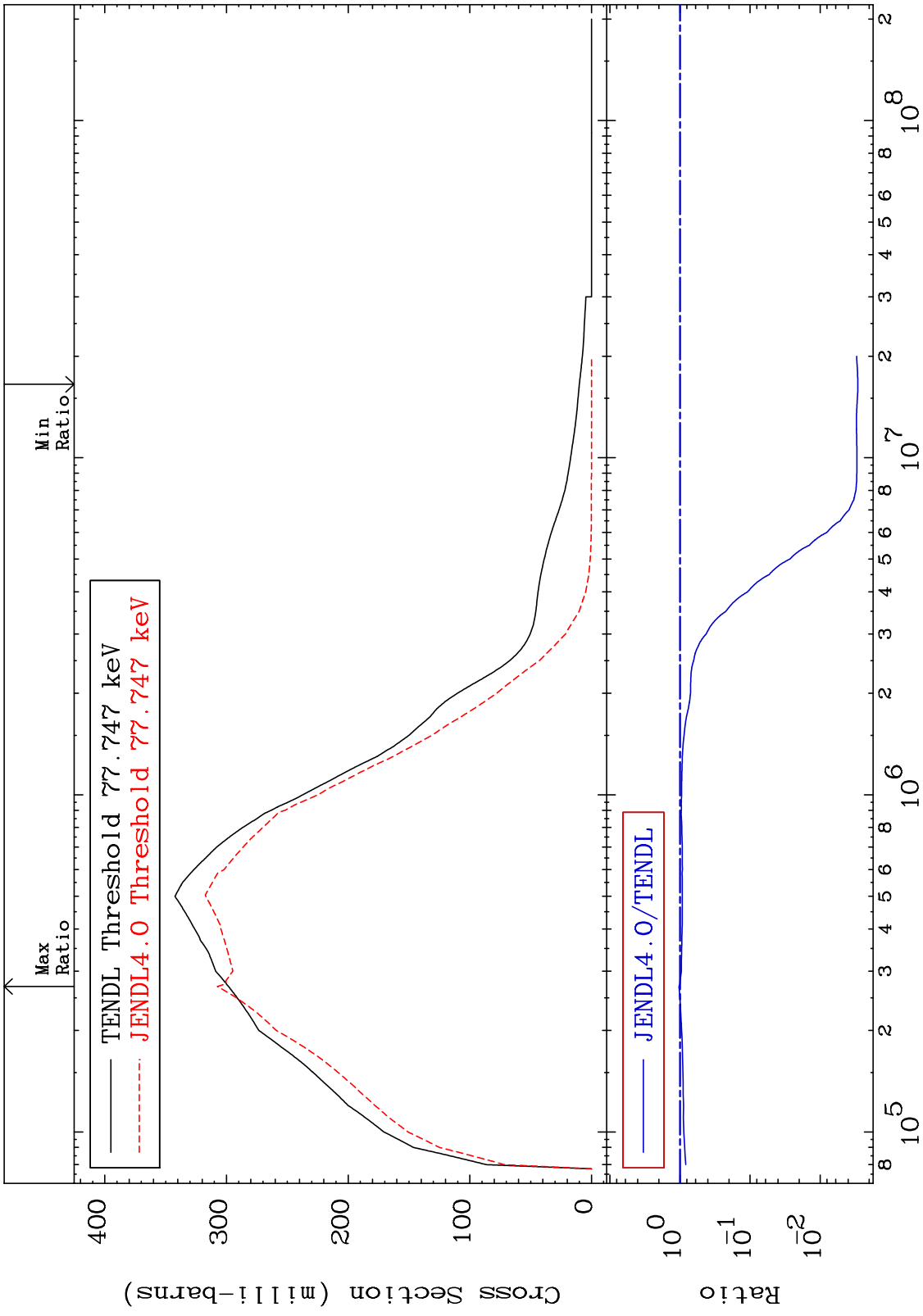
MAT 7925 (n,n') t 79-Au-197  
 Cross Section -100.0 To 4501. %



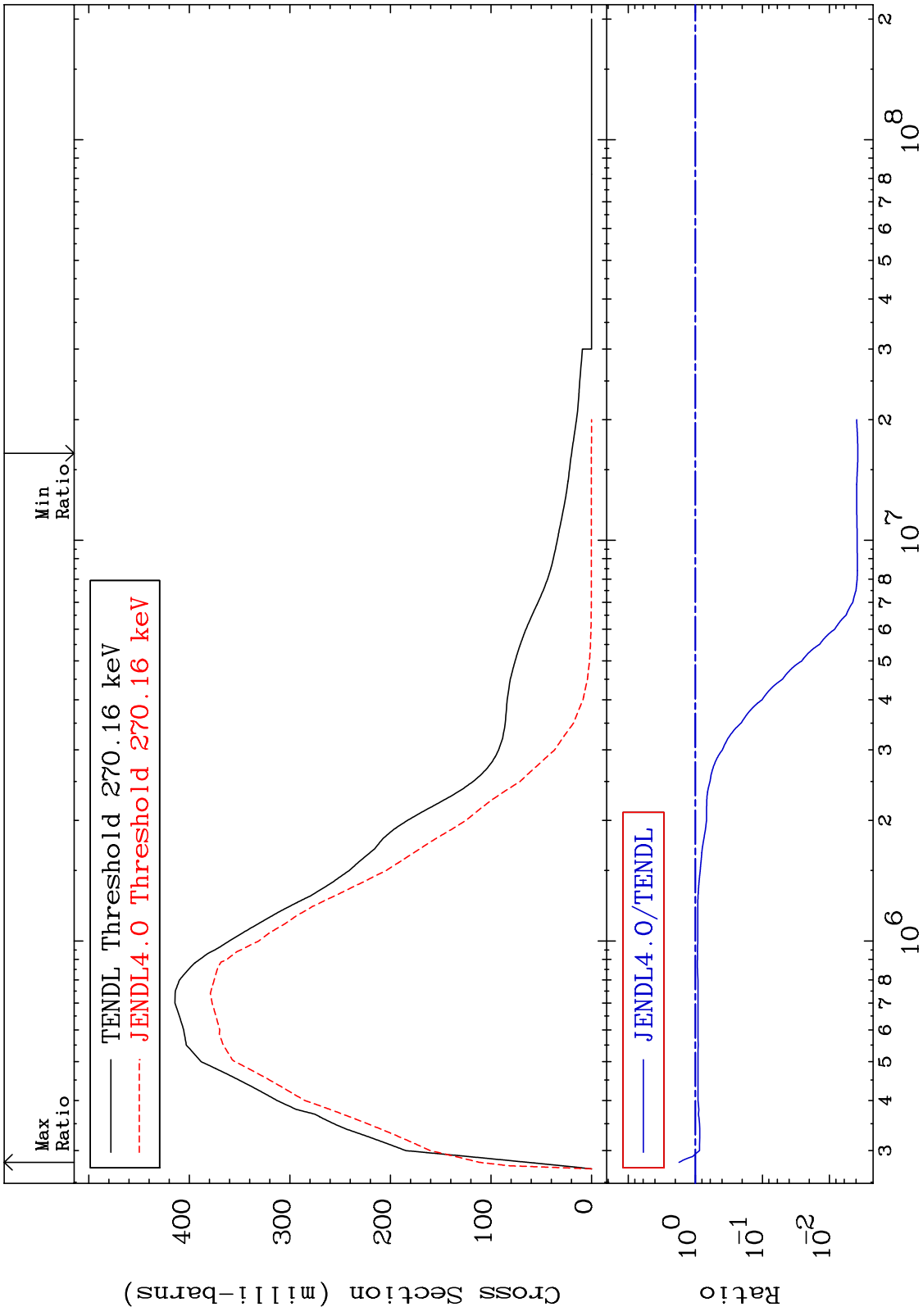
MAT 7925 (n,2n) p 79-Au-197  
 Cross Section -100.0 To 54.51 %



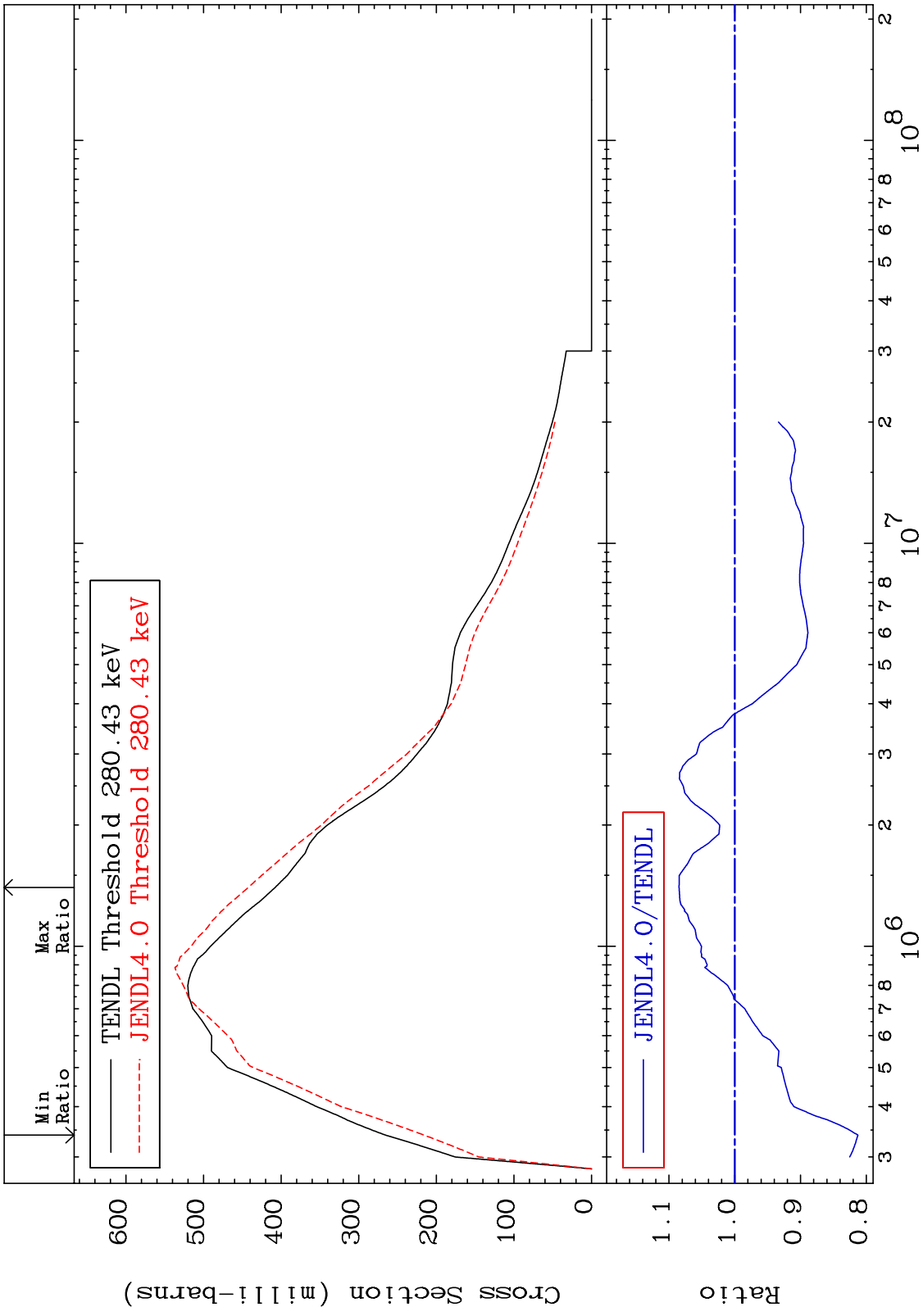
MAT 7925 MT= 51 (n,n') Level Cross Section 79-Au-197 -99.71 To 3.062 %



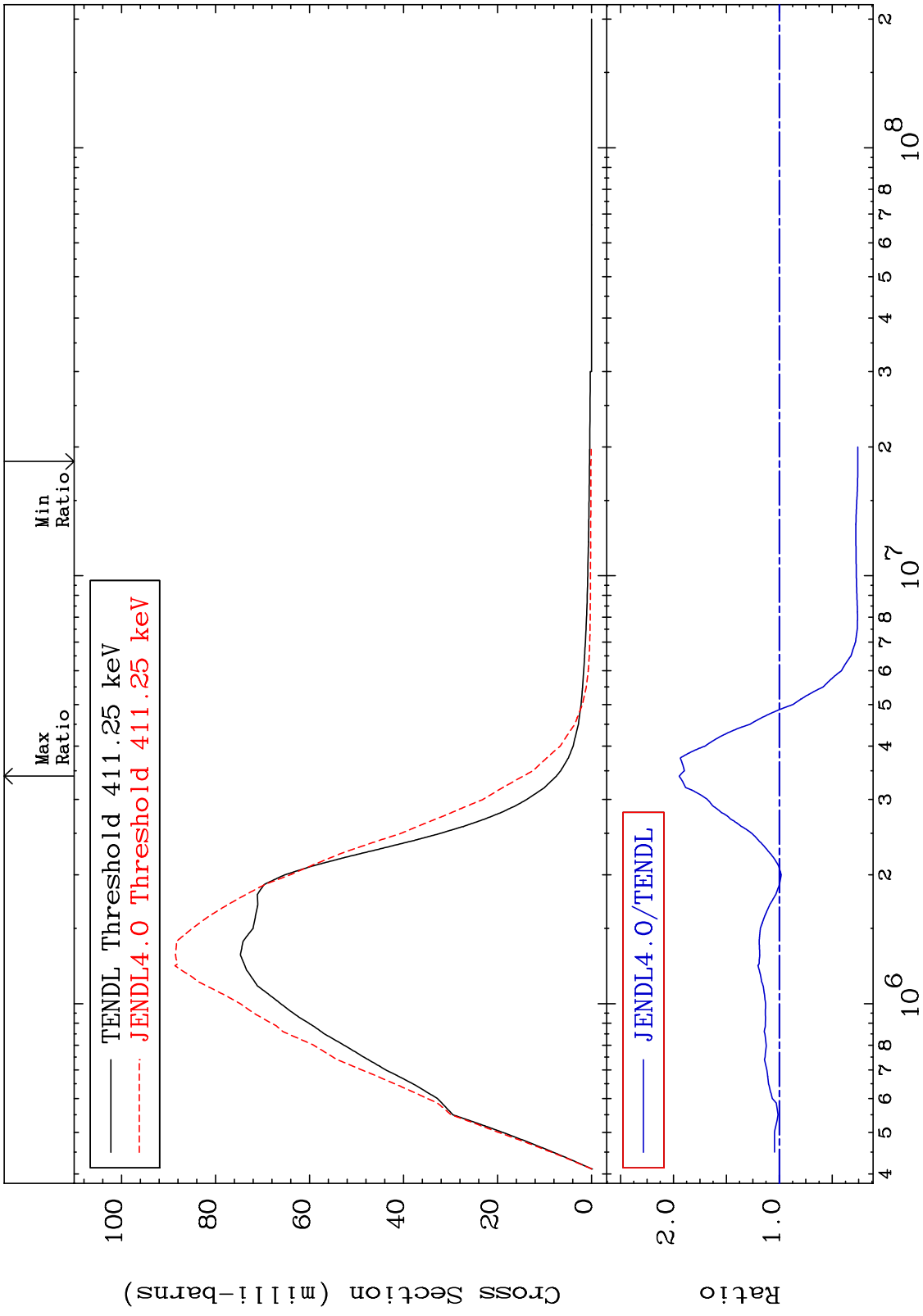
MAT 7925 MT= 52 (n,n') Level Cross Section 79-Au-197 -99.62 To 75.29 %



MAT 7925 MT= 53 (n,n') Level Cross Section 79-Au-197 -18.71 To 8.476 %

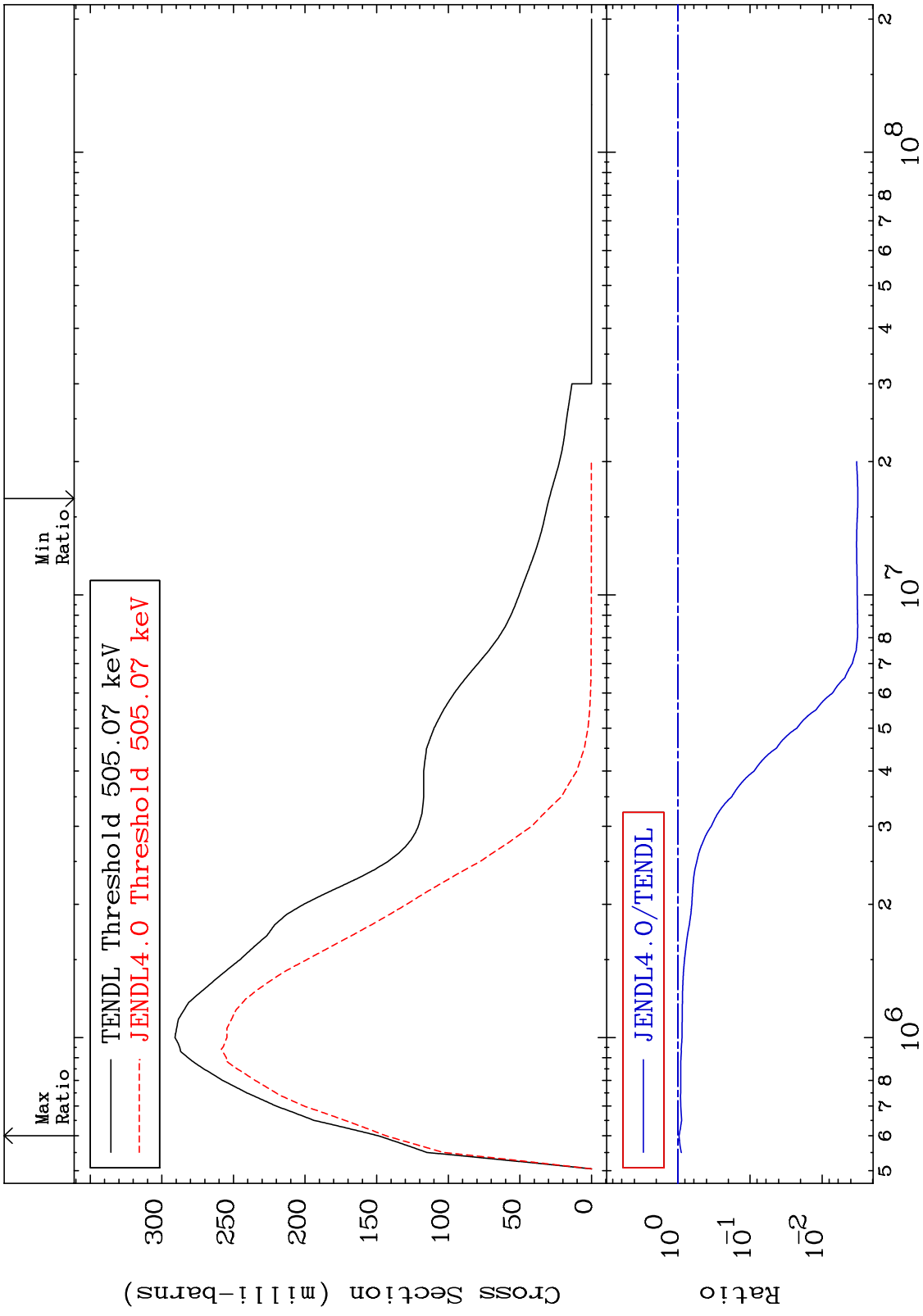


MAT 7925 MT= 54 (n,n') Level Cross Section 79-Au-197  
 -74.17 To 94.72 %

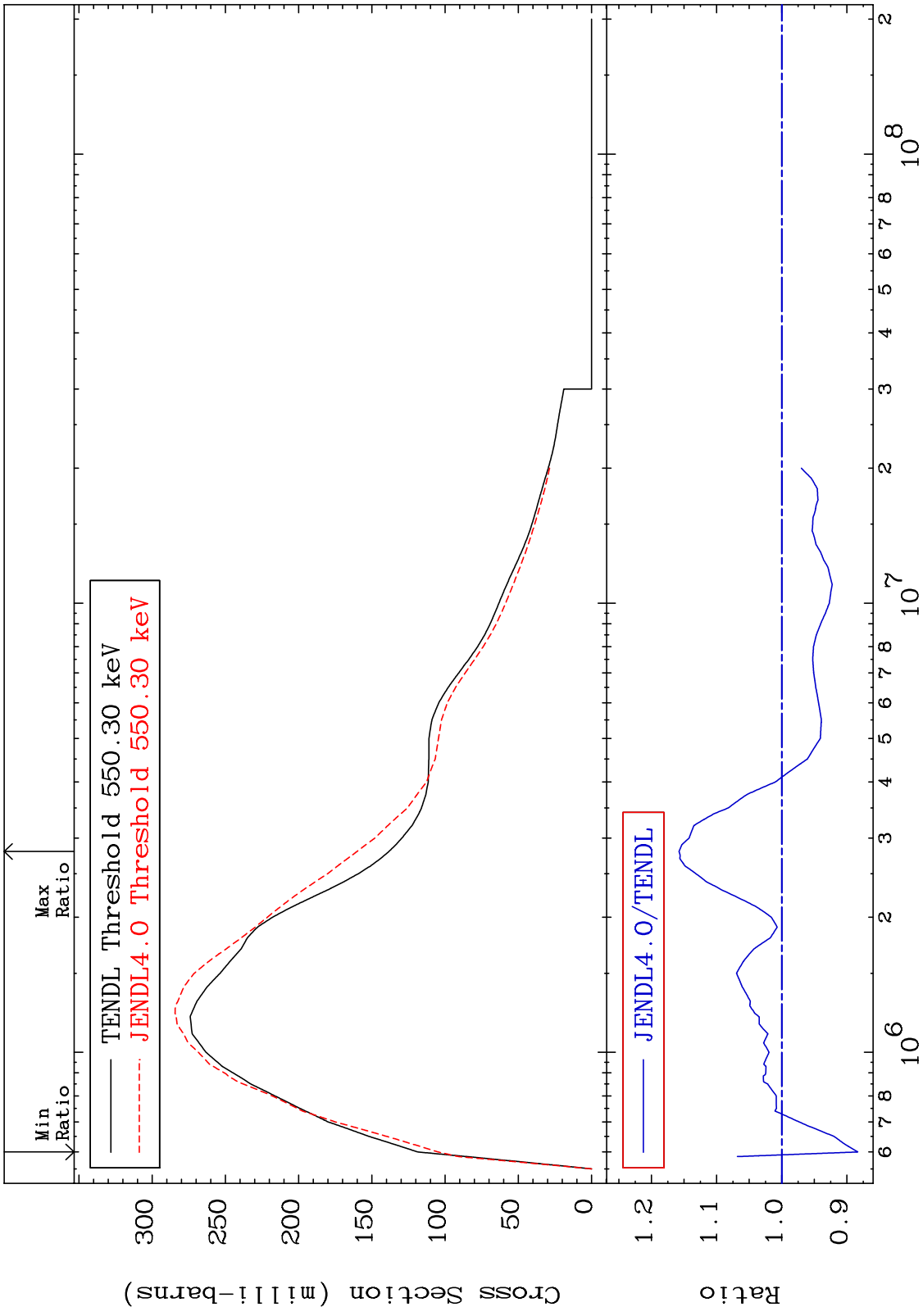




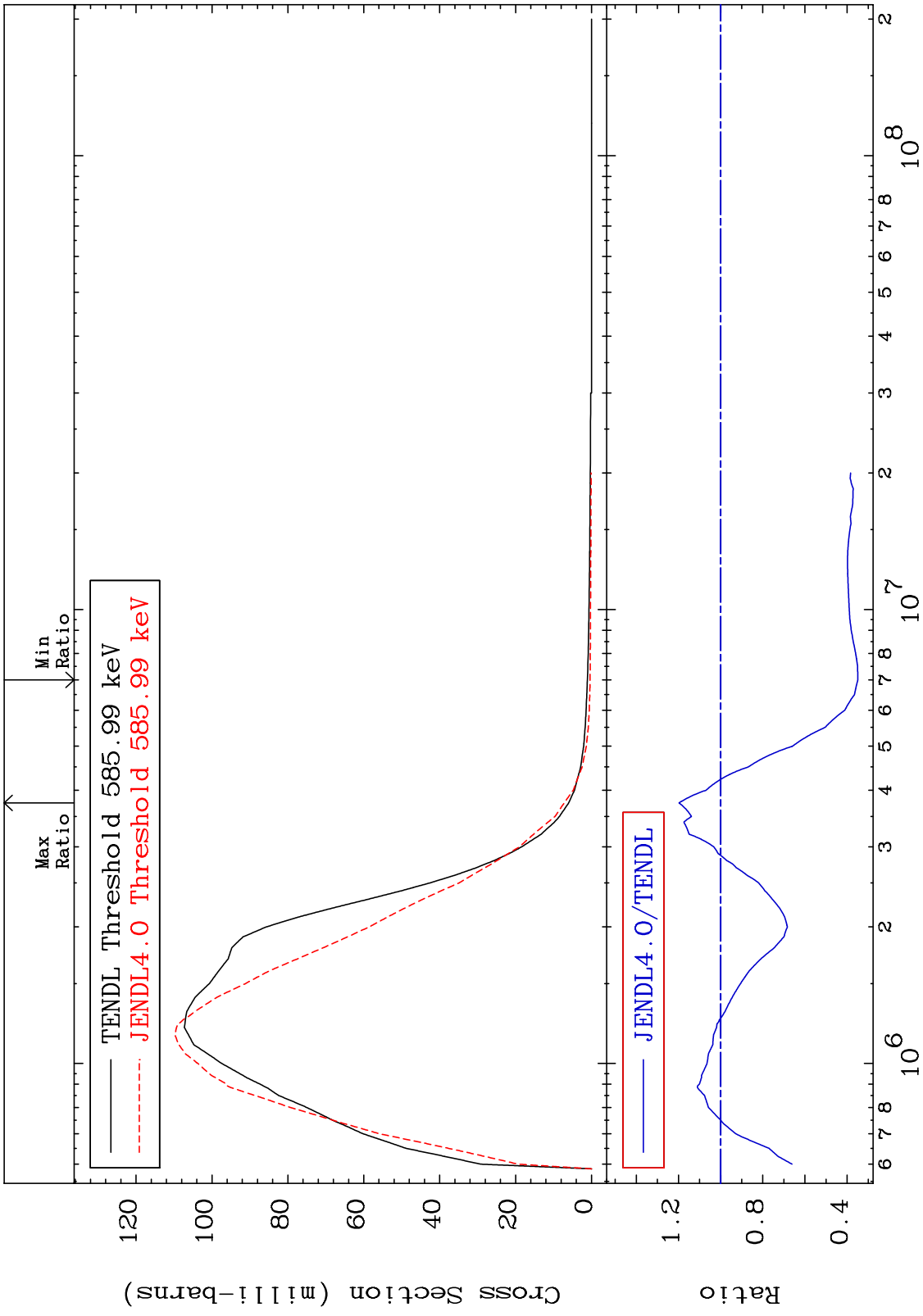
MAT 7925 MT= 55 (n,n') Level Cross Section 79-Au-197  
 -99.68 To -3.558%



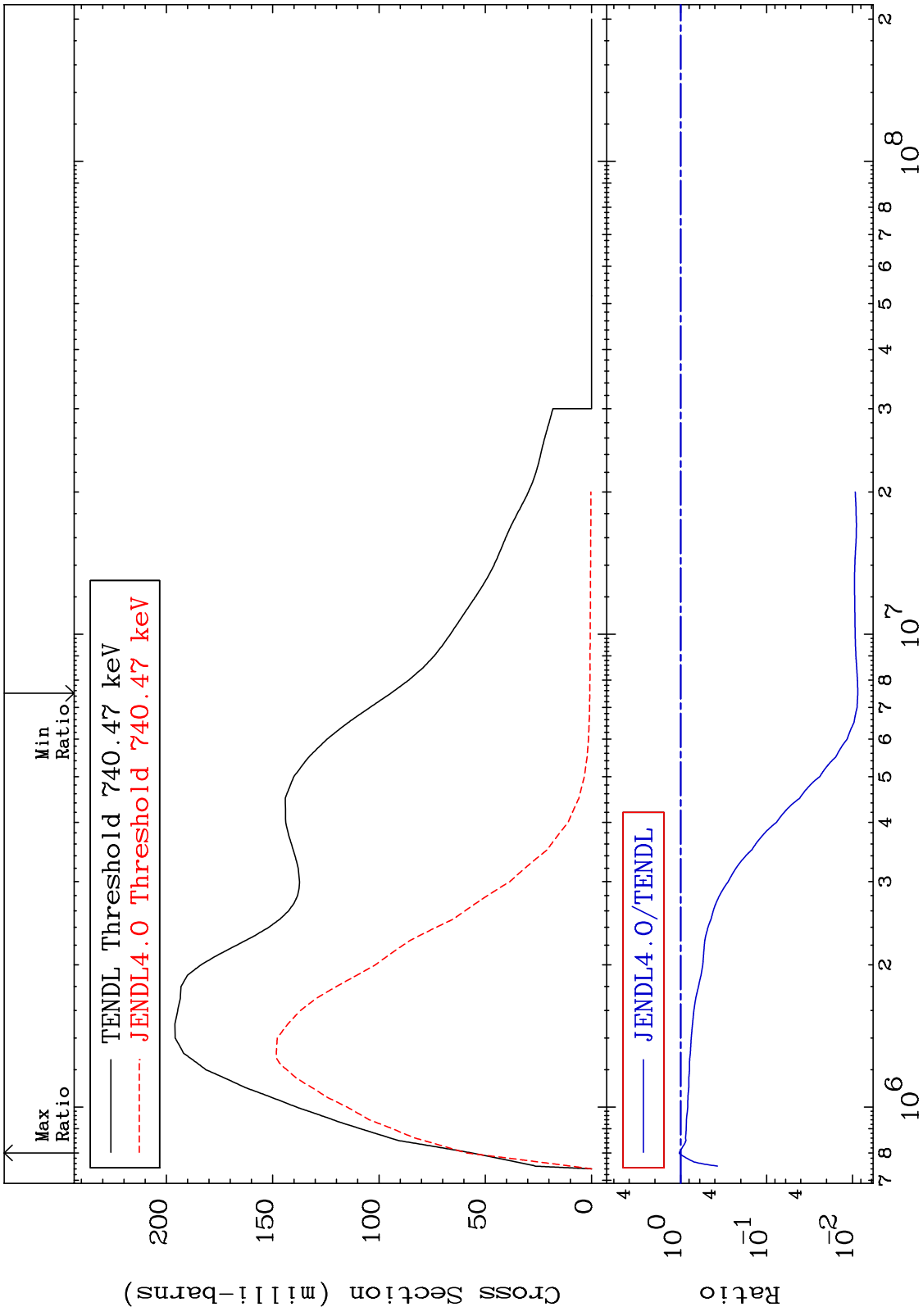
MAT 7925 MT= 56 (n,n') Level Cross Section -11.67 To 15.78 % 79-Au-197



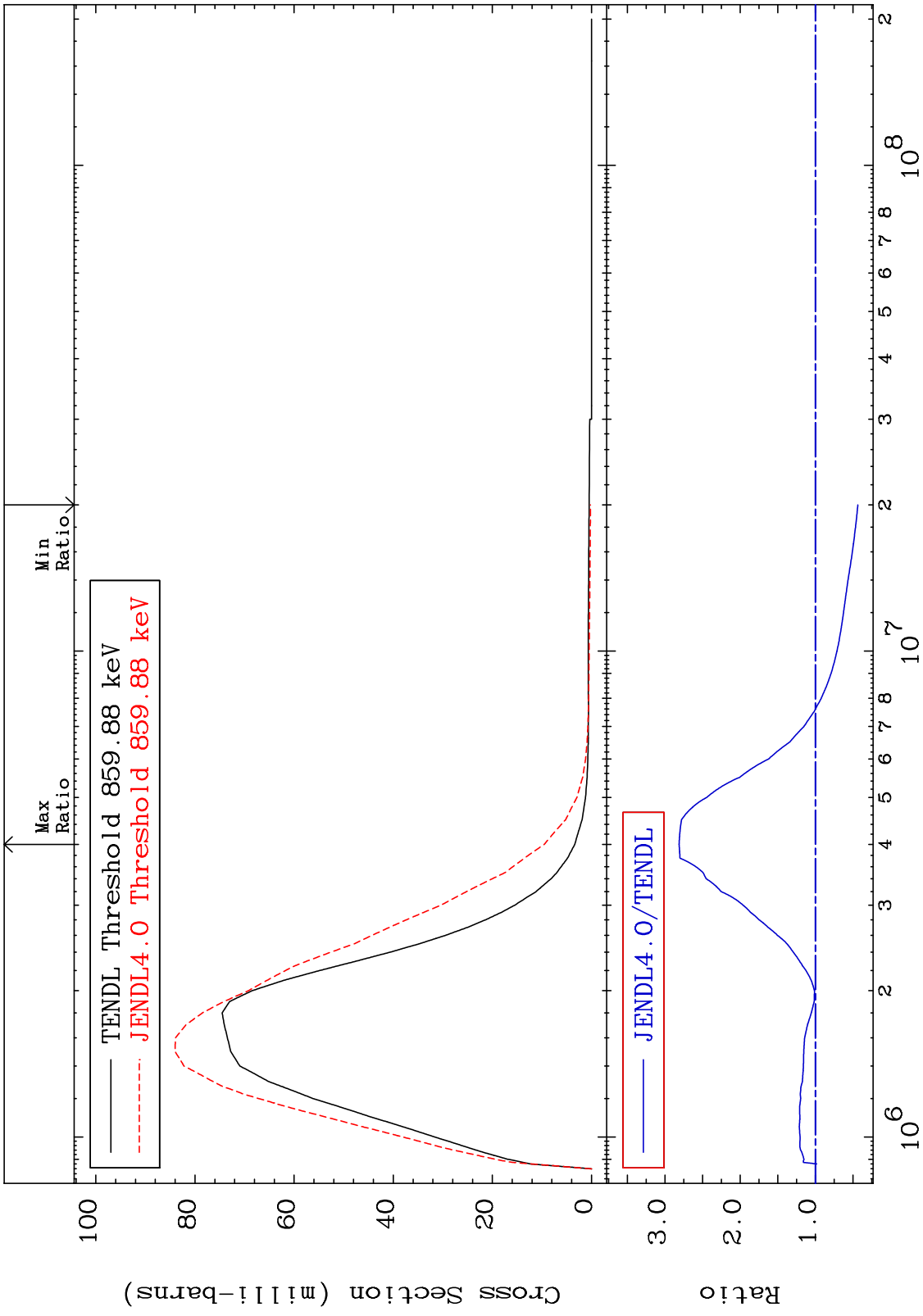
MAT 7925 MT= 57 (n,n') Level Cross Section -65.08 To 19.72 % 79-Au-197



MAT 7925 MT= 58 (n,n') Level Cross Section 79-Au-197  
 -99.13 To 4.606 %

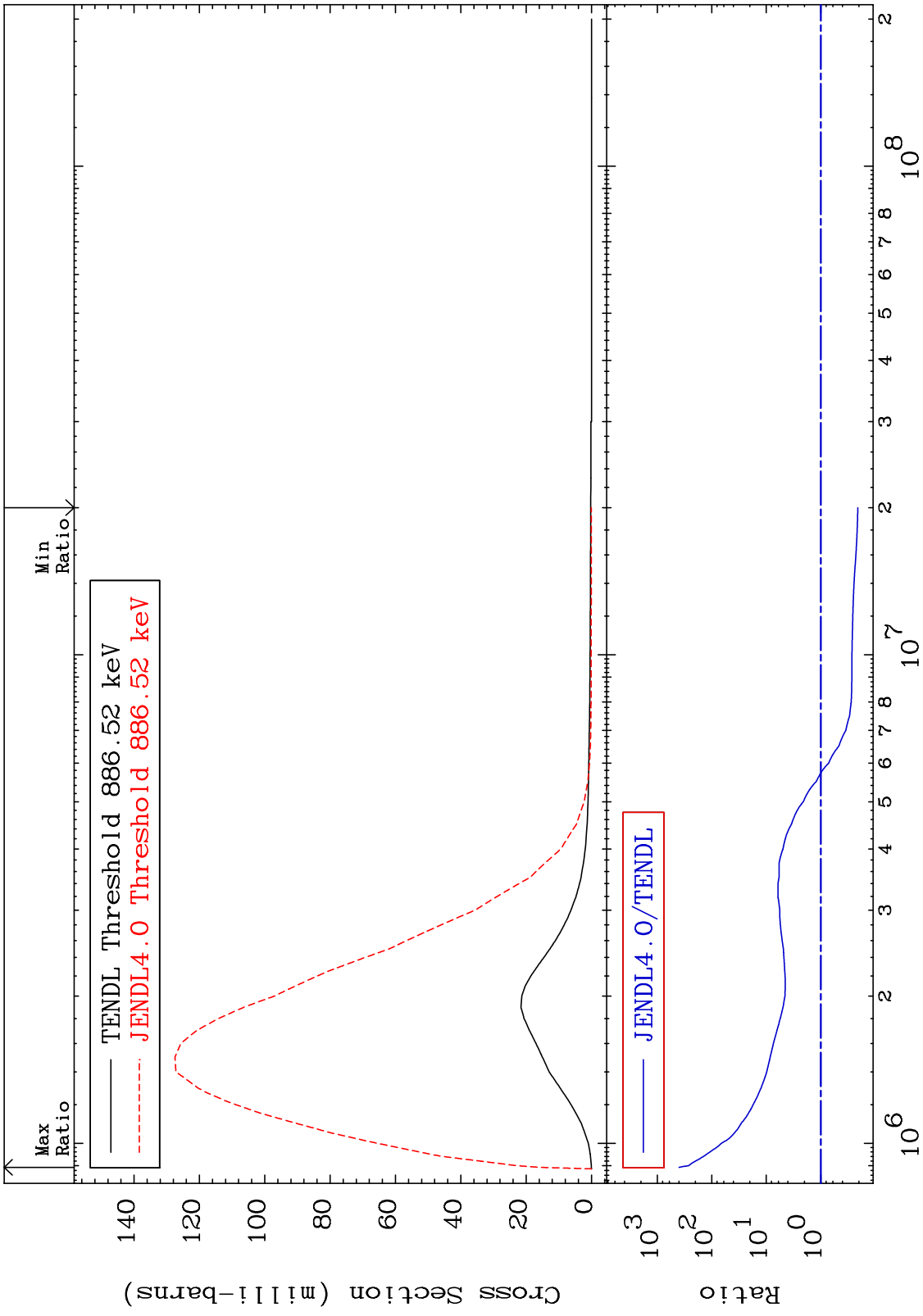


MAT 7925 MT= 59 (n,n') Level Cross Section 79-Au-197 -56.50 To 181.2 %

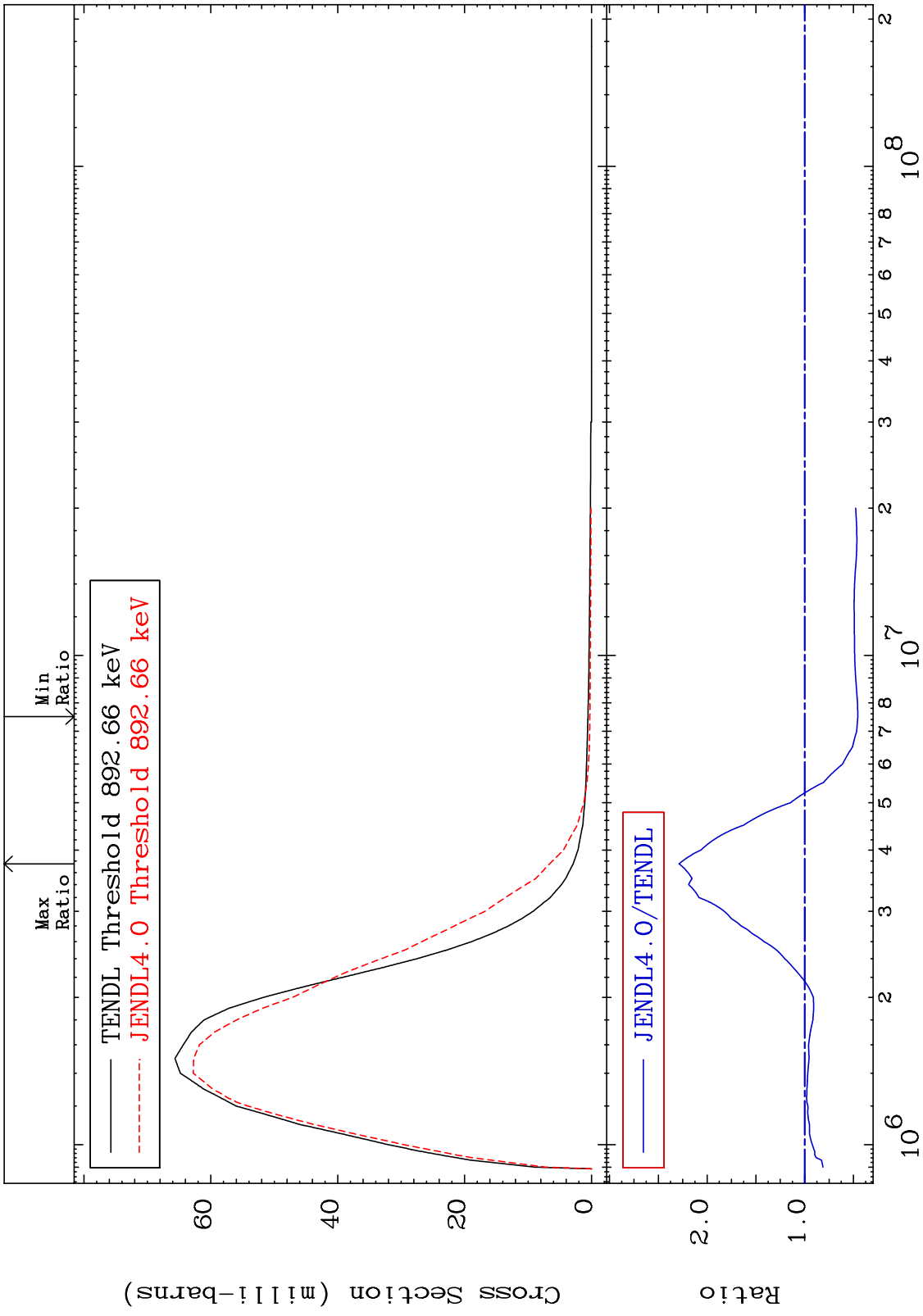


20 Incident Energy (eV) 79-Au-197

MAT 7925 MT= 60 (n,n') Level Cross Section 79-Au-197  
 -79.13 To 9999. %

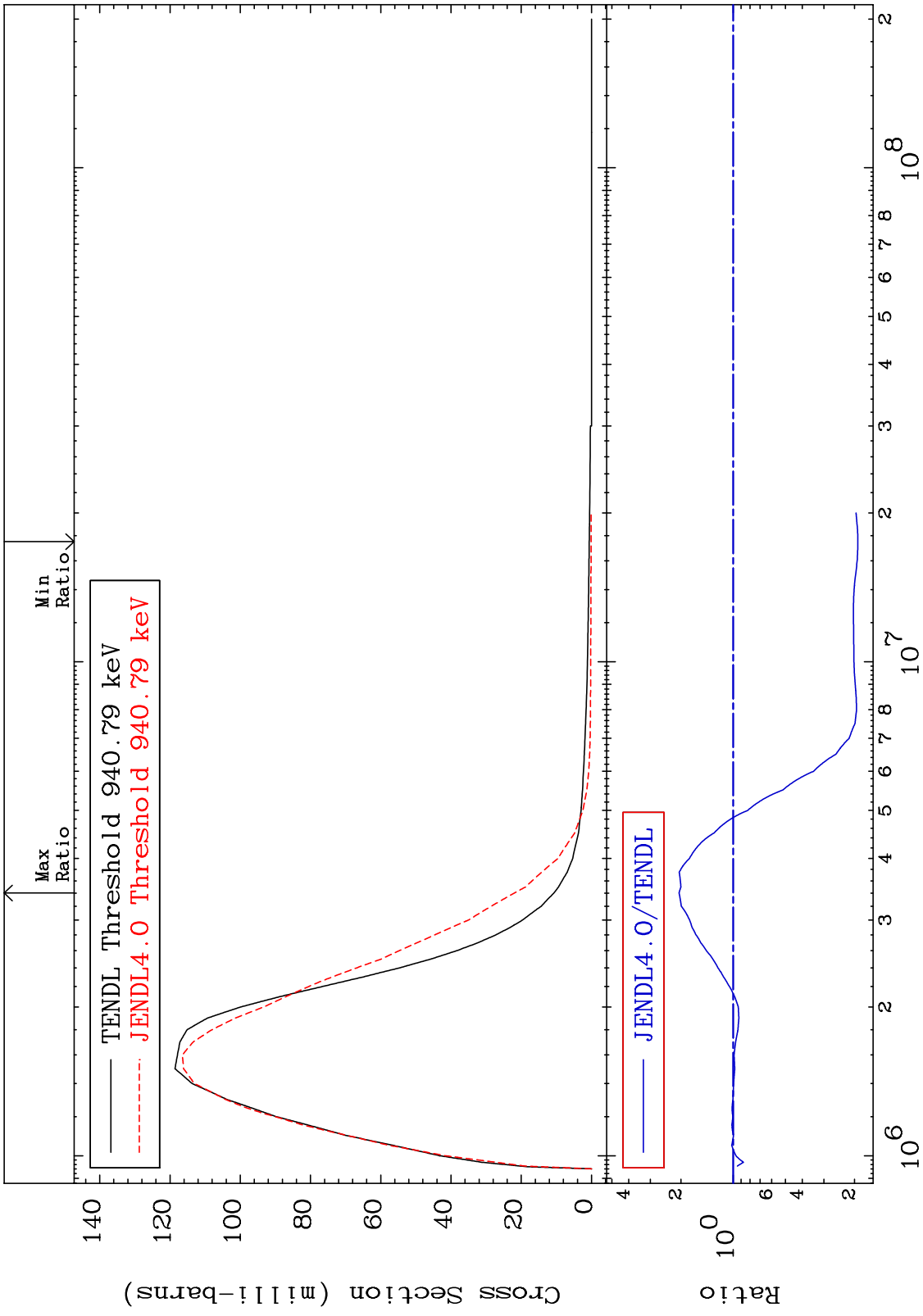


MAT 7925 MT= 61 (n,n') Level Cross Section 79-Au-197  
-54.51 To 128.8 %



22 79-Au-197

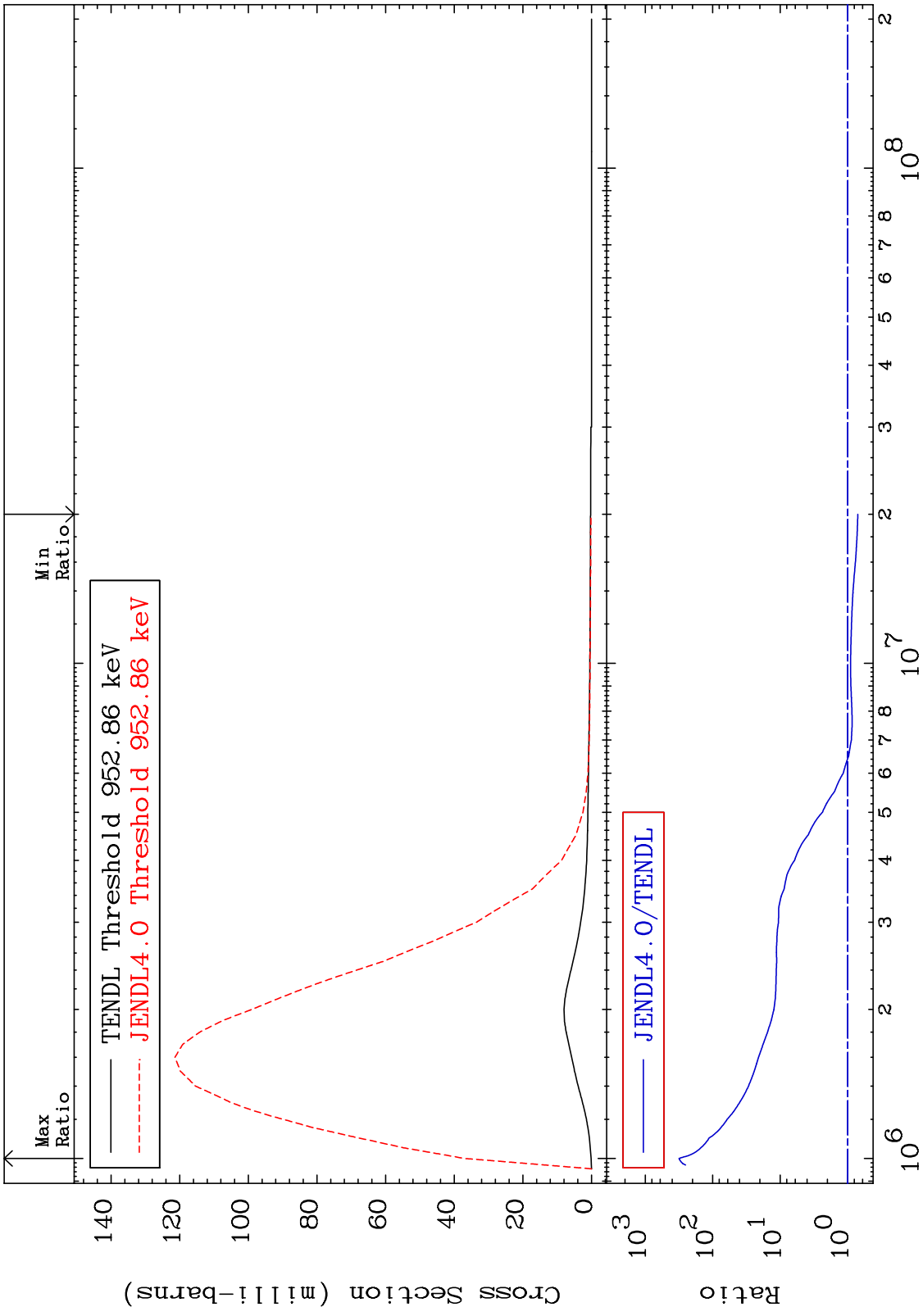
MAT 7925 MT= 62 (n,n') Level Cross Section 79-Au-197 -80.88 To 105.0 %



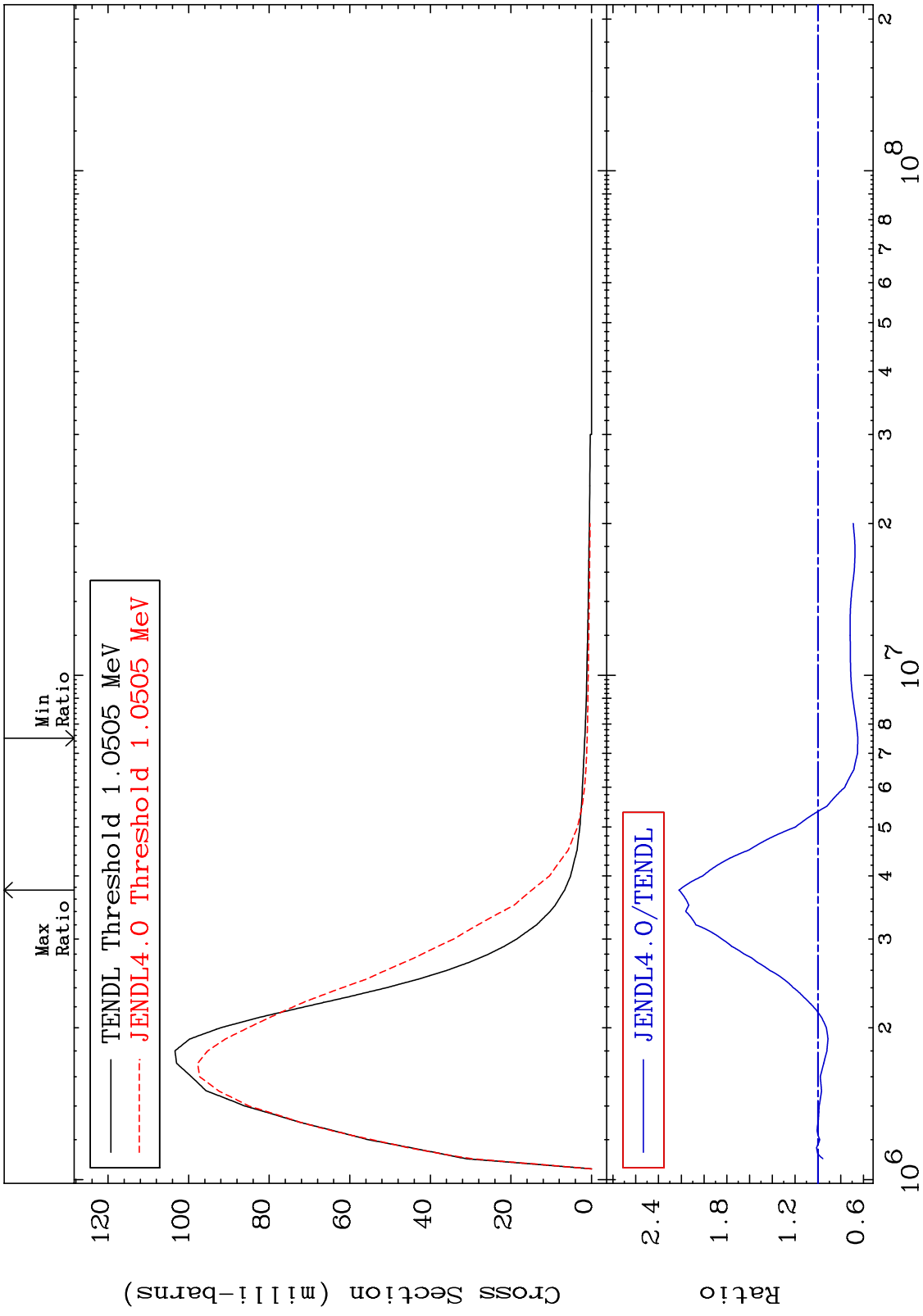
23 79-Au-197



MAT 7925 MT= 63 (n,n') Level Cross Section 79-Au-197  
 -29.35 To 9999. %

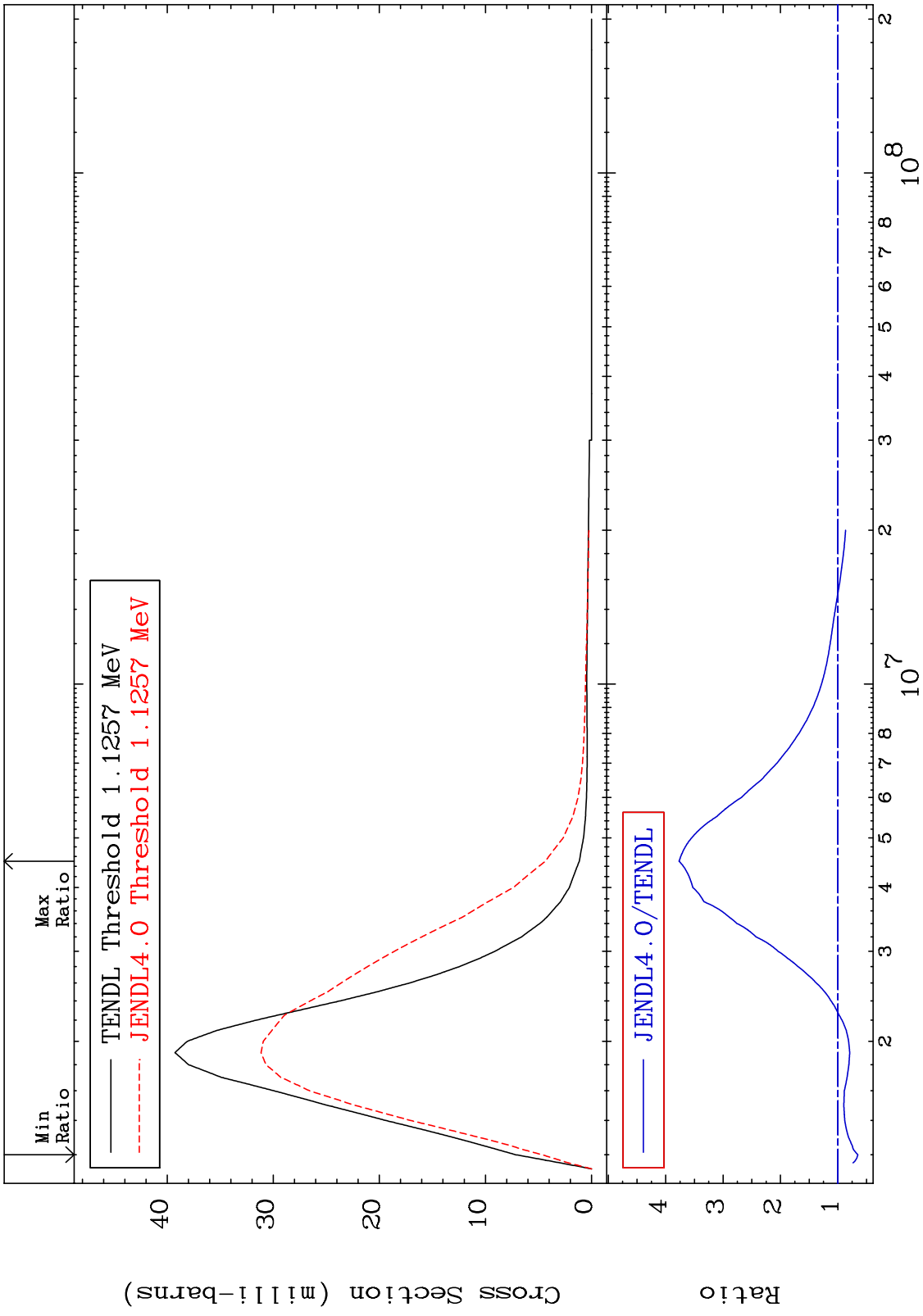


MAT 7925 MT= 64 (n,n') Level Cross Section 79-Au-197 -35.07 To 122.0 %



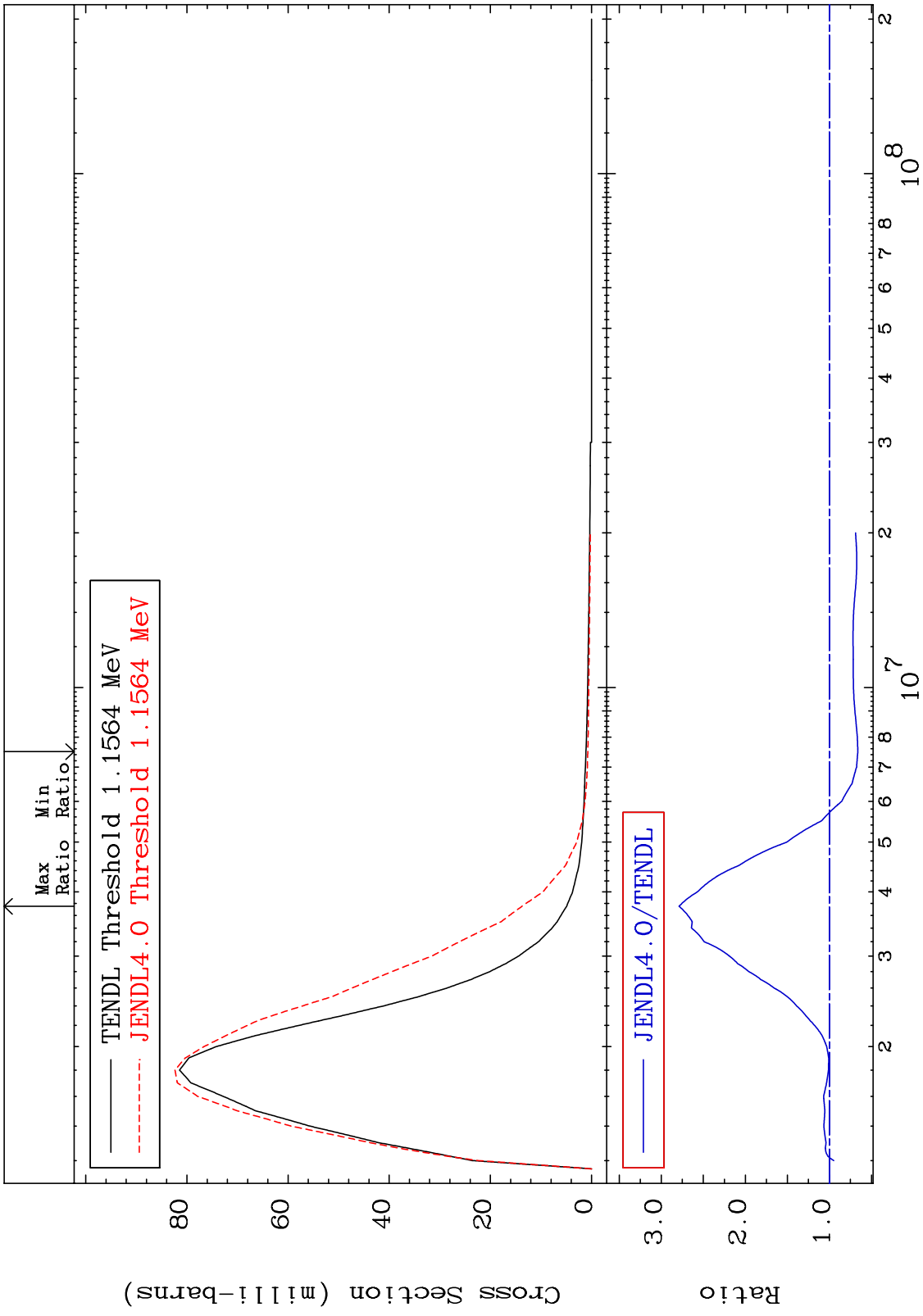
25 79-Au-197

MAT 7925 MT= 65 (n,n') Level Cross Section 79-Au-197  
 -34.82 To 276.8 %

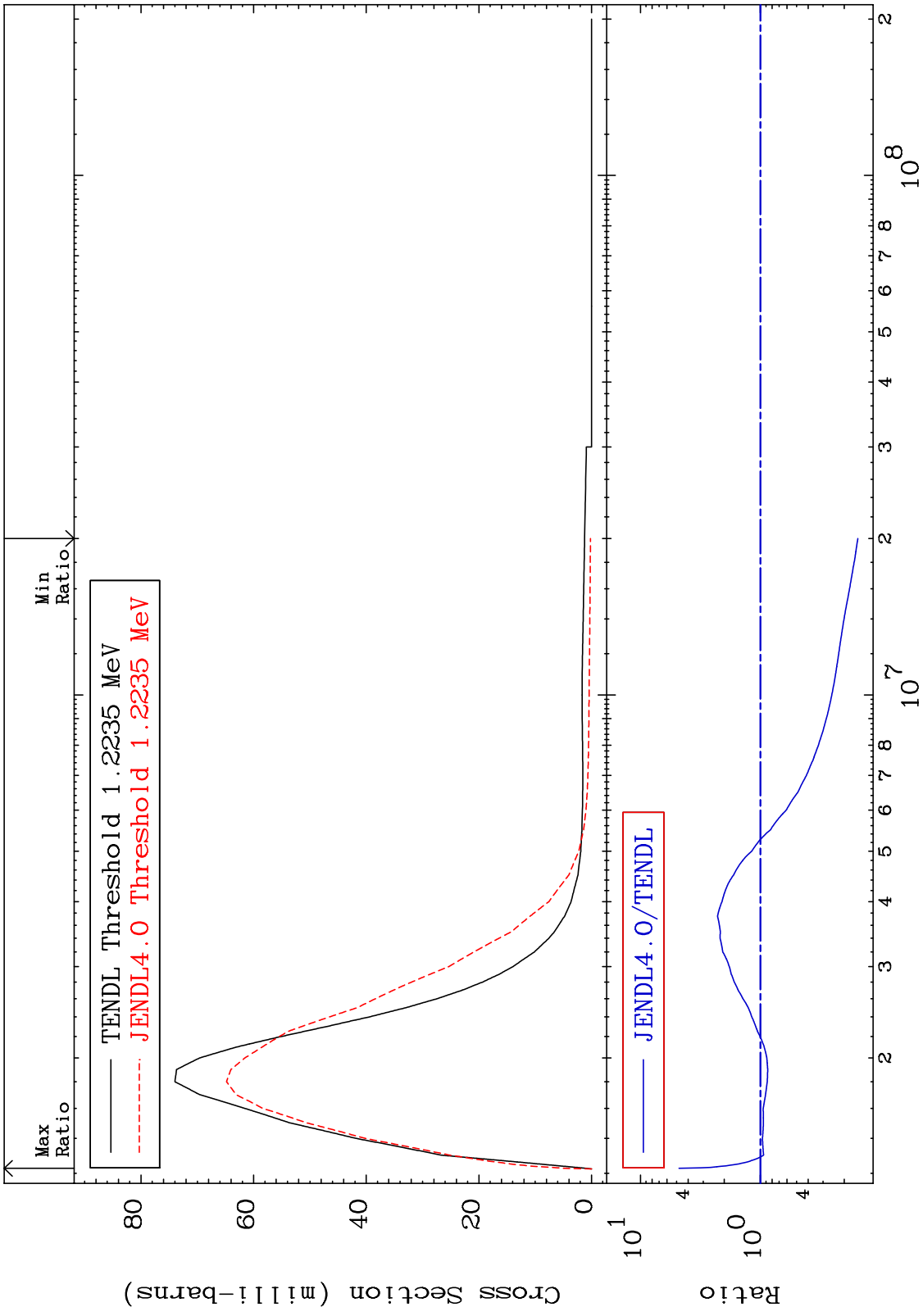


26 79-Au-197 Incident Energy (eV)

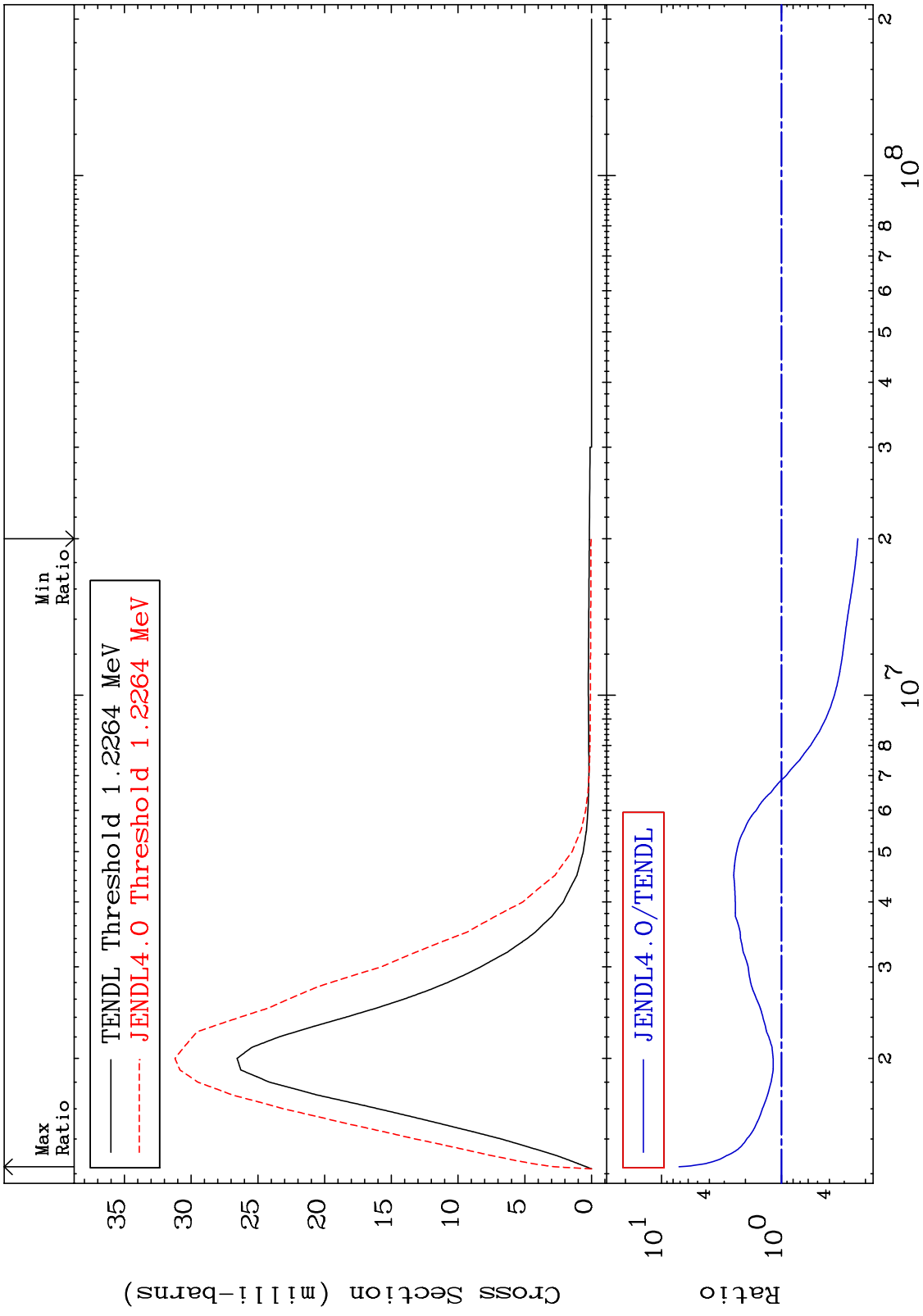
MAT 7925 MT= 66 (n,n') Level Cross Section 79-Au-197  
 -33.78 To 178.9 %



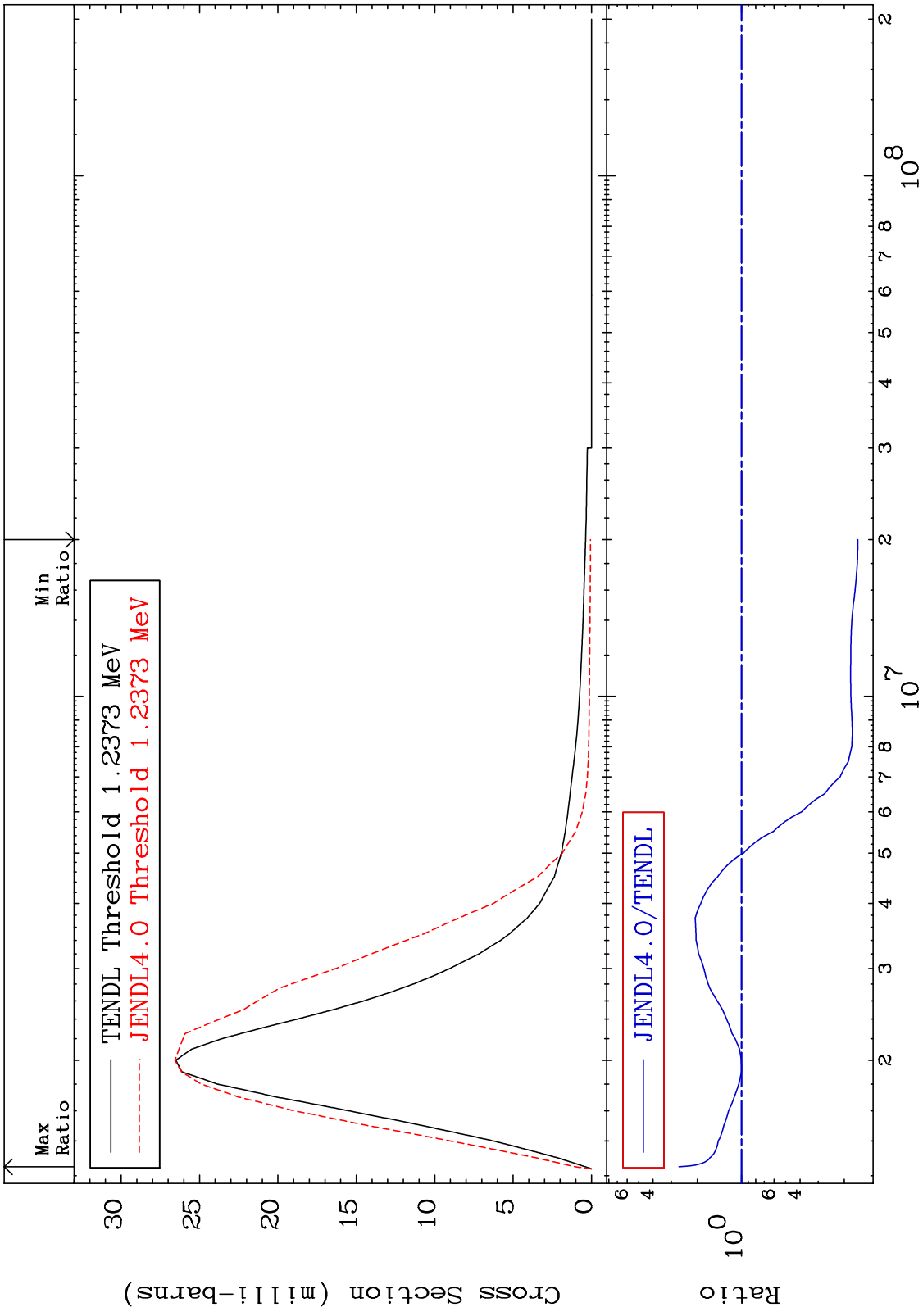
MAT 7925 MT= 67 (n,n') Level Cross Section 79-Au-197  
 -84.59 To 376.6 %



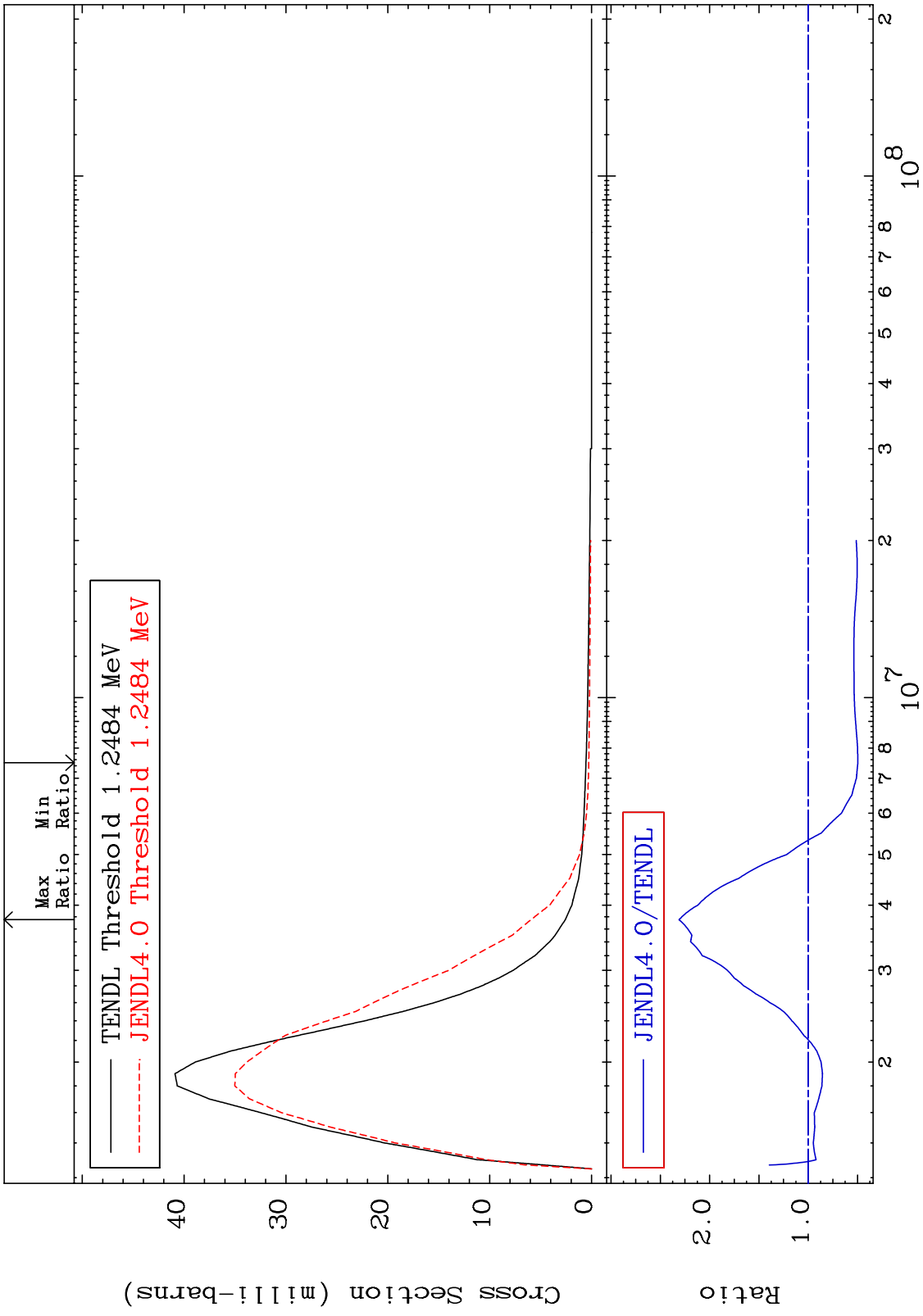
MAT 7925 MT= 68 (n,n') Level Cross Section 79-Au-197  
 -76.87 To 614.2 %



MAT 7925 MT= 69 (n,n') Level Cross Section 79-Au-197  
 -83.85 To 166.0 %



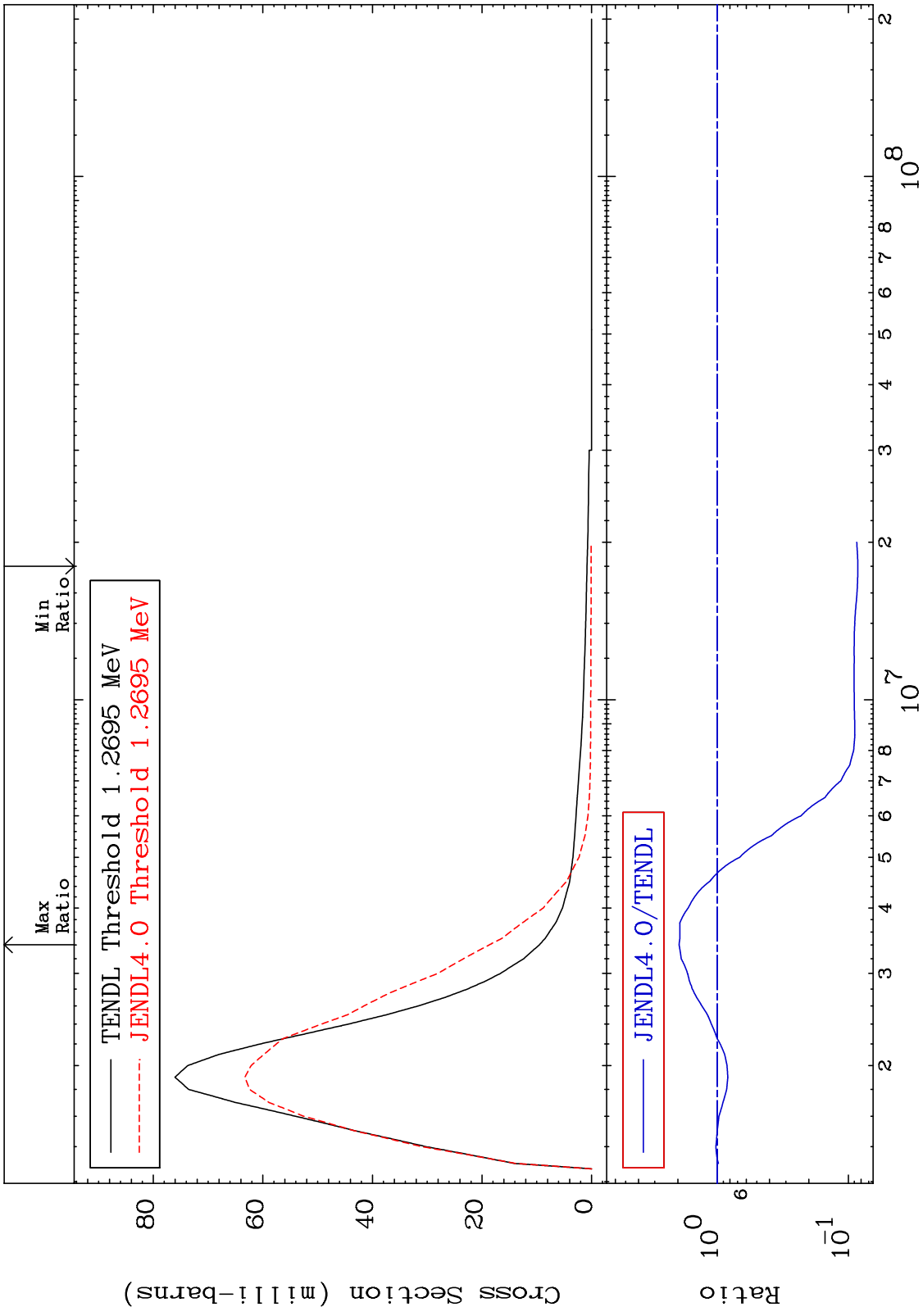
MAT 7925 MT= 70 (n,n') Level Cross Section 79-Au-197  
 -50.34 To 131.0 %



31 79-Au-197



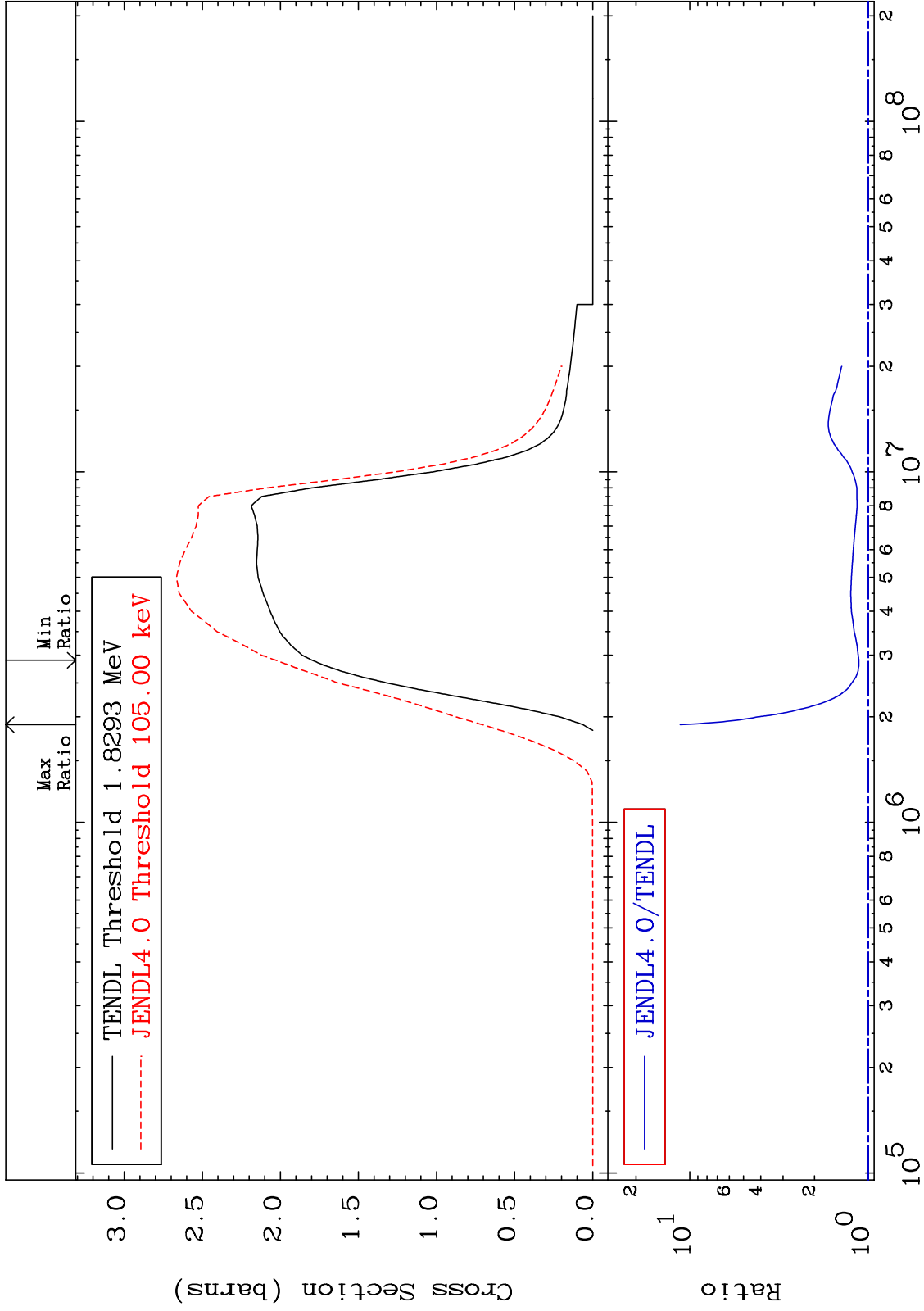
MAT 7925 MT= 71 (n,n') Level Cross Section 79-Au-197  
 -91.54 To 95.93 %



MAT 7925

(n, n') Continuum  
Cross Section

79-Au-197  
12.96 To 1030. %



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79-Au-197

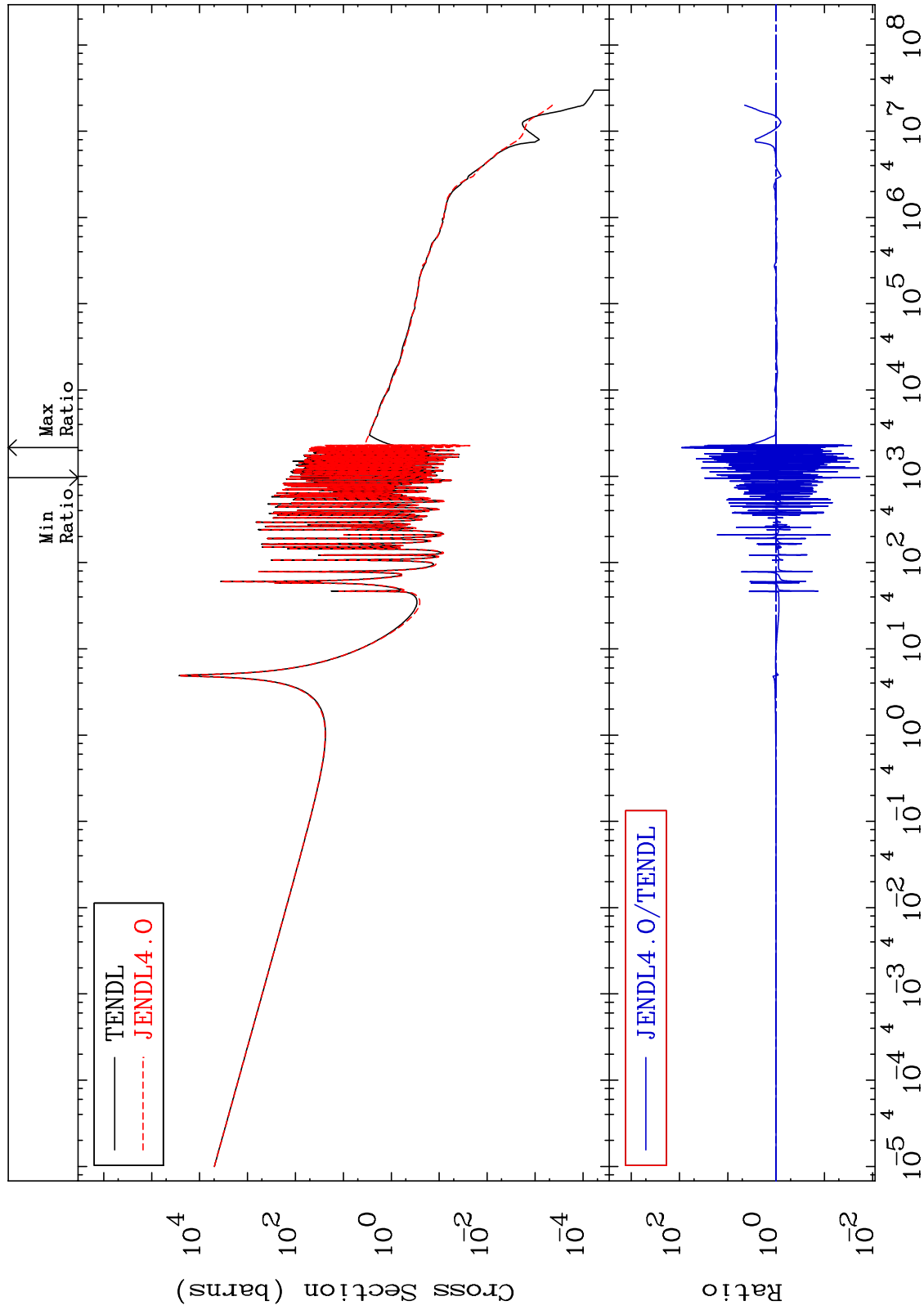
MAT 7925

(n,  $\gamma$ )

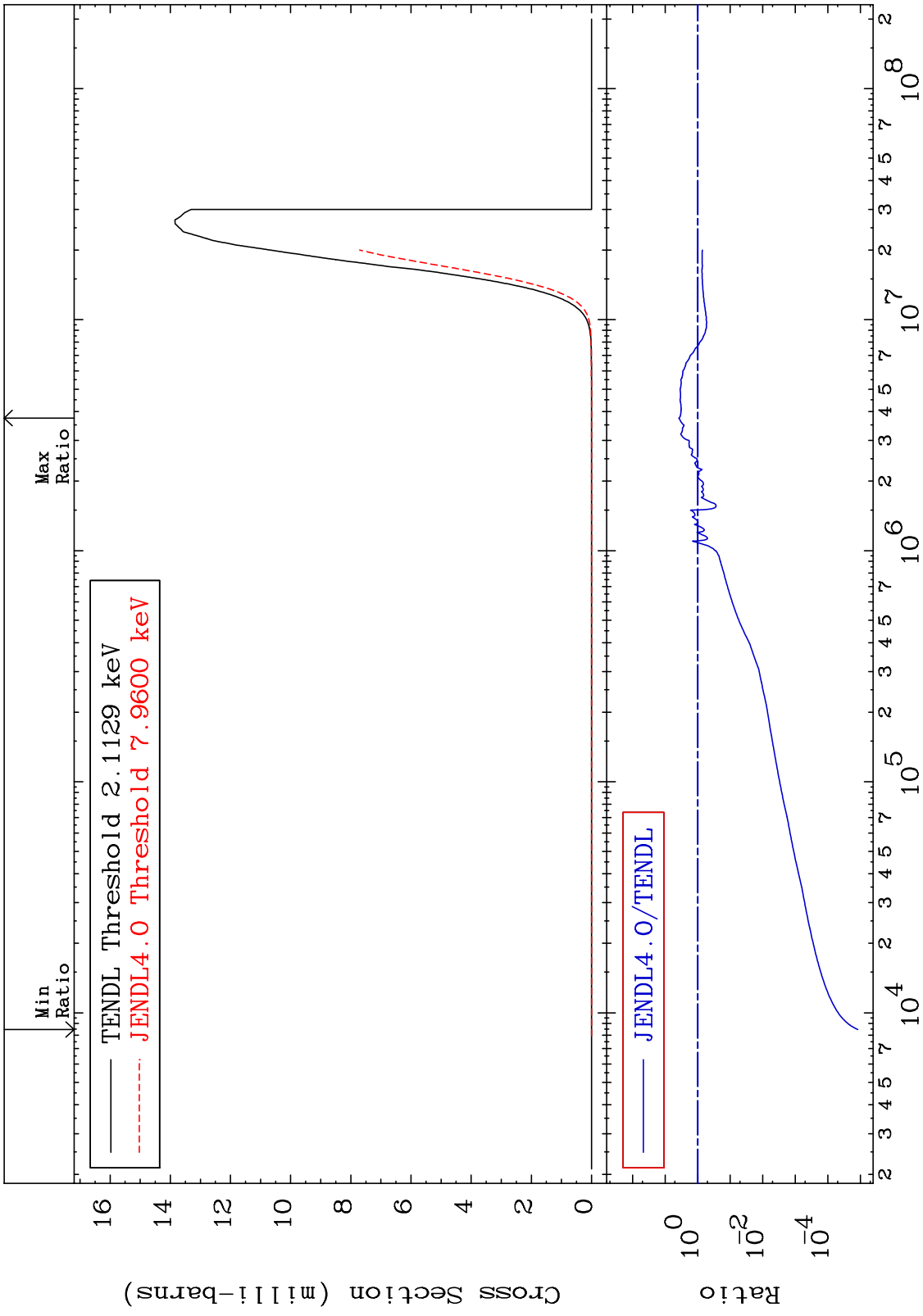
79-Au-197

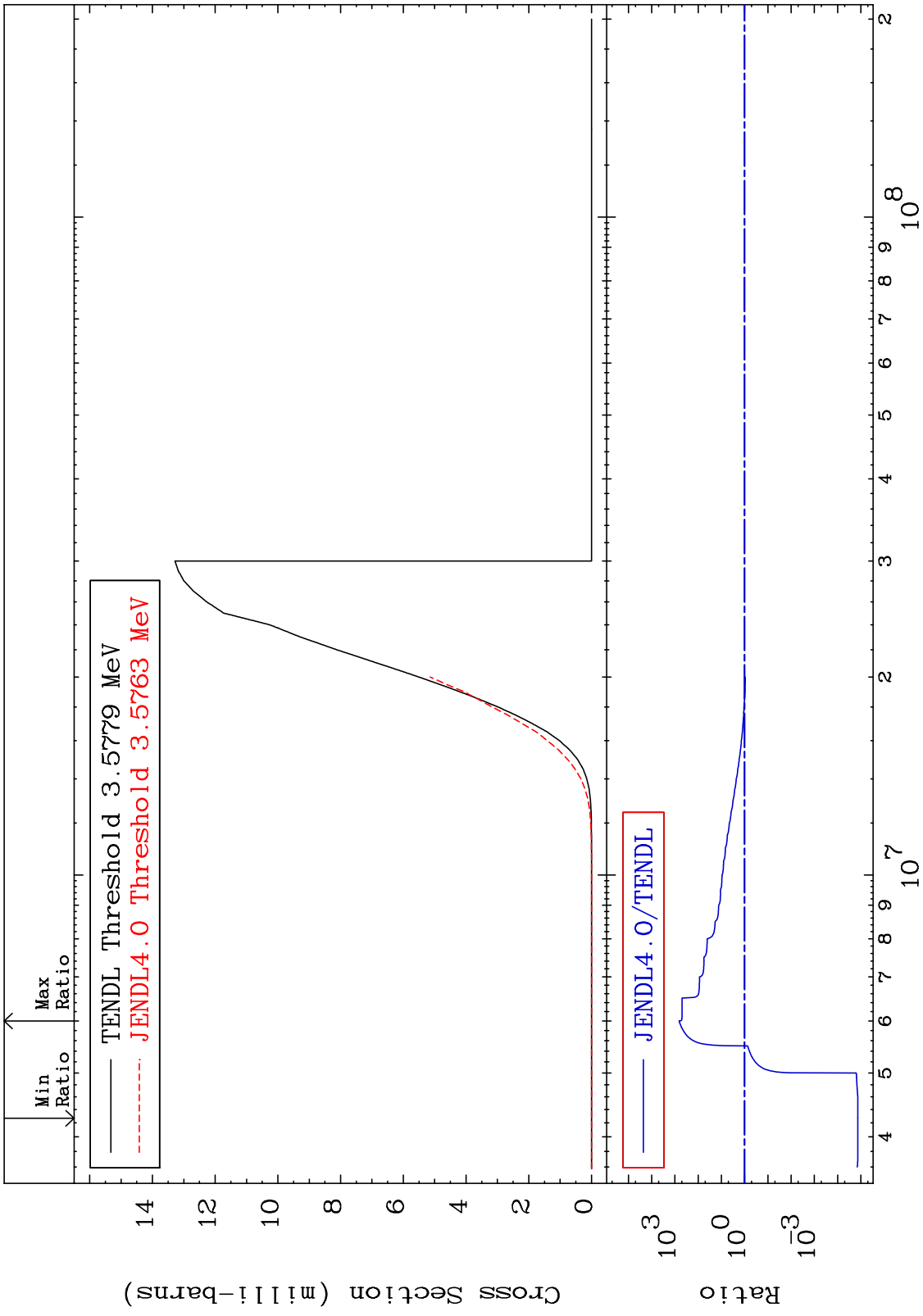
Cross Section

-98.16 To 9014. %

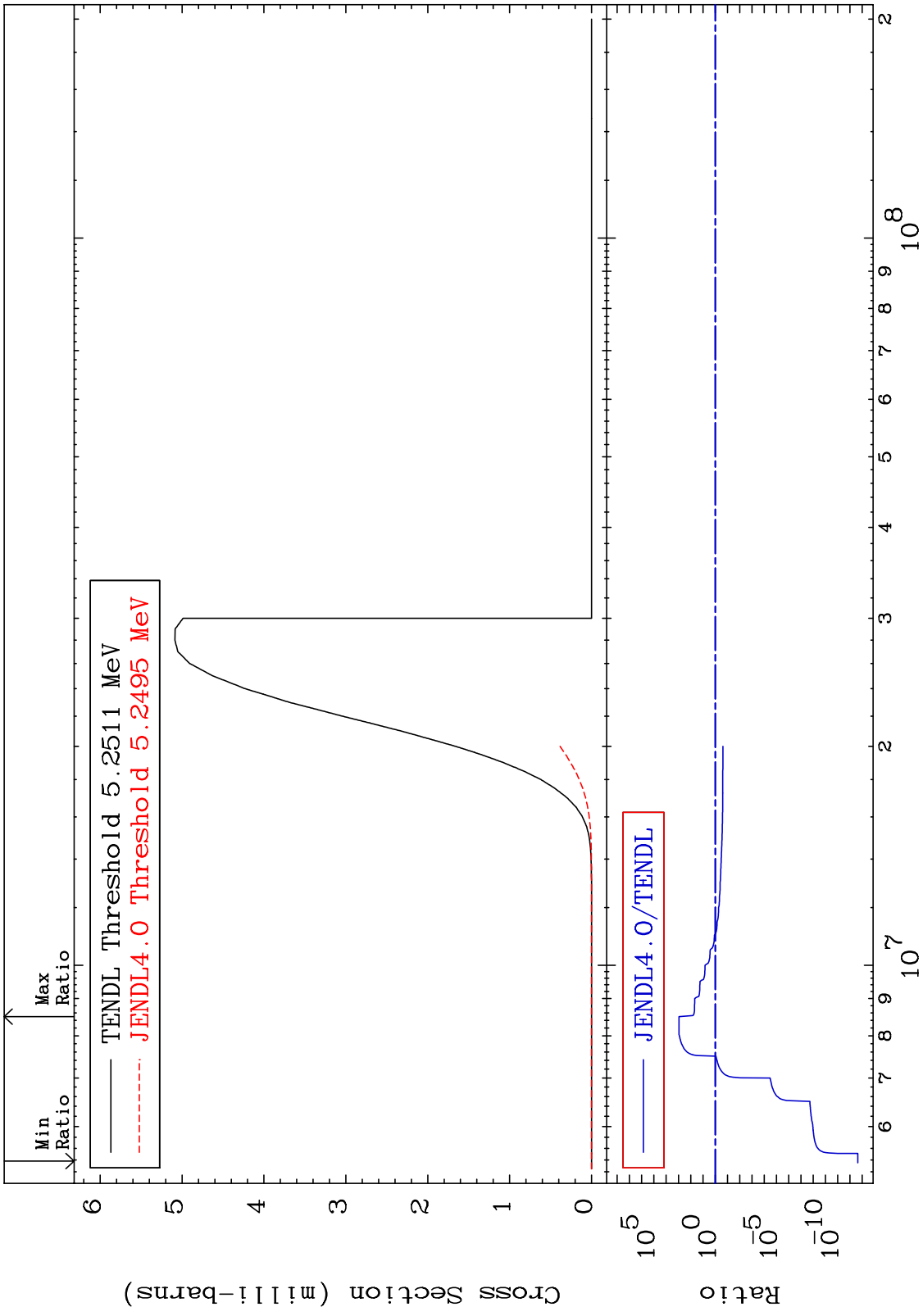


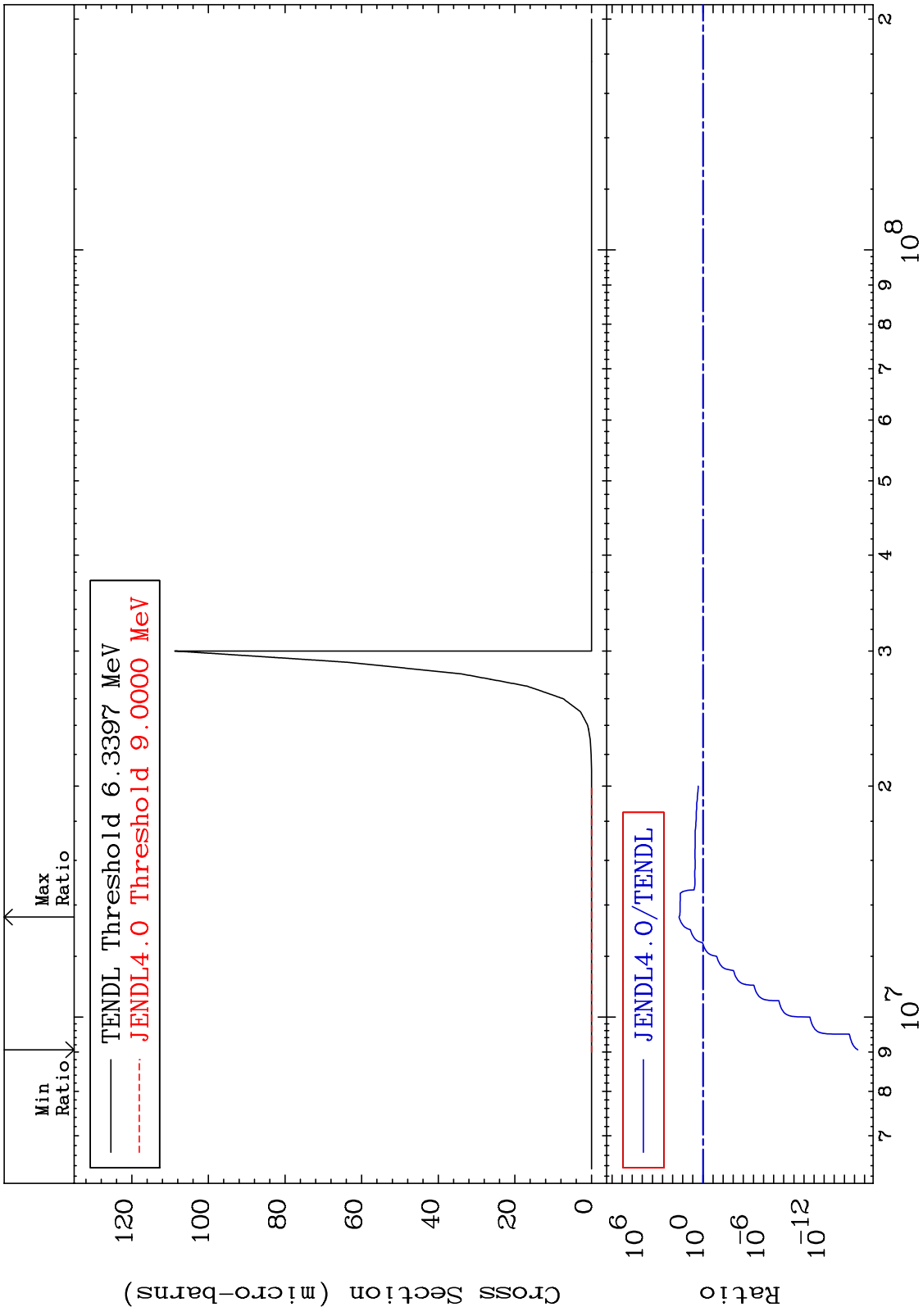
MAT 7925 (n,p) Cross Section 79-Au-197 -100.0 To 273.6 %





MAT 7925 (n,t) 79-Au-197  
 Cross Section -100.0 To 9999. %





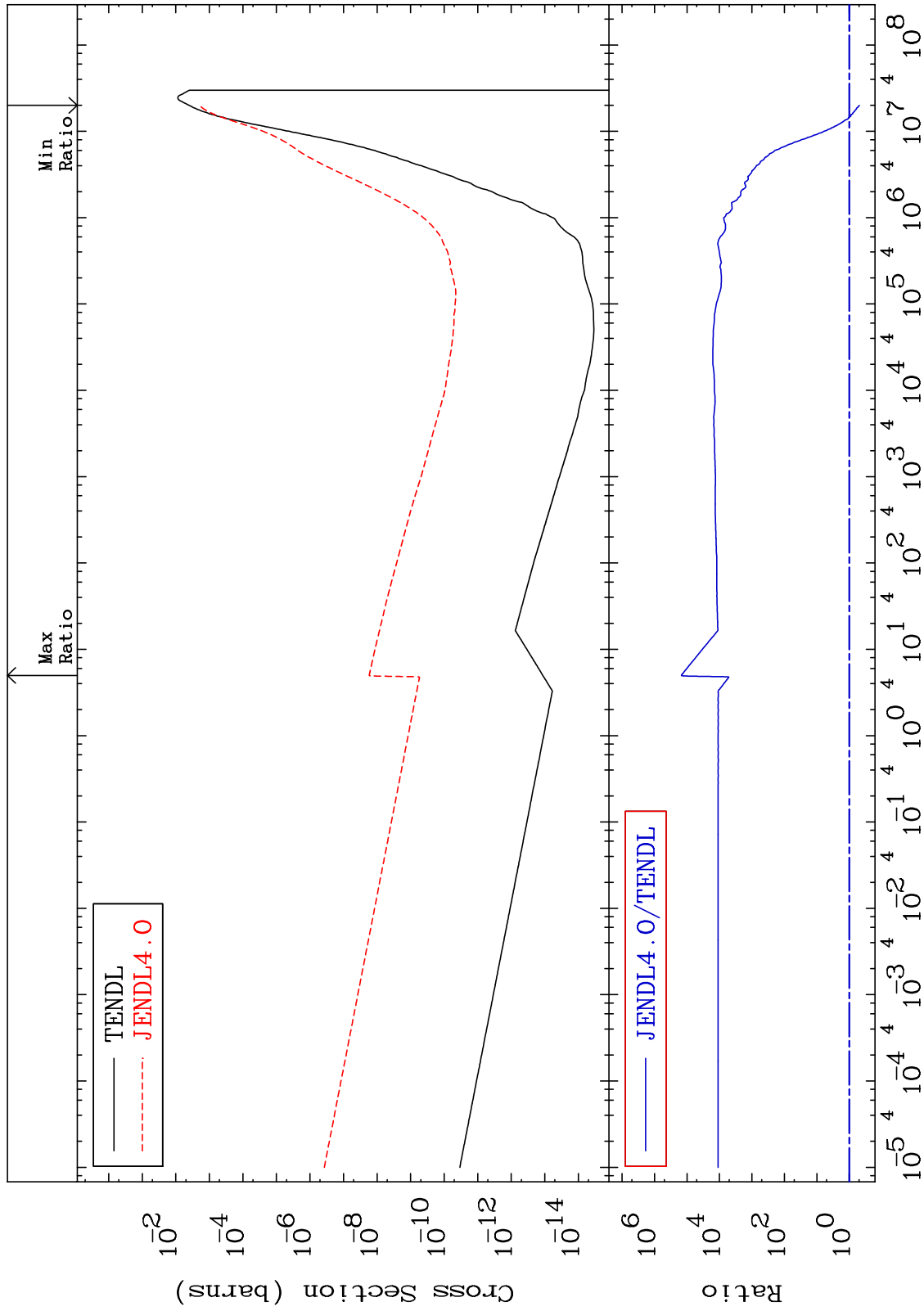
MAT 7925

(n,  $\alpha$ )

79-Au-197

Cross Section

-52.30 To 9999. %

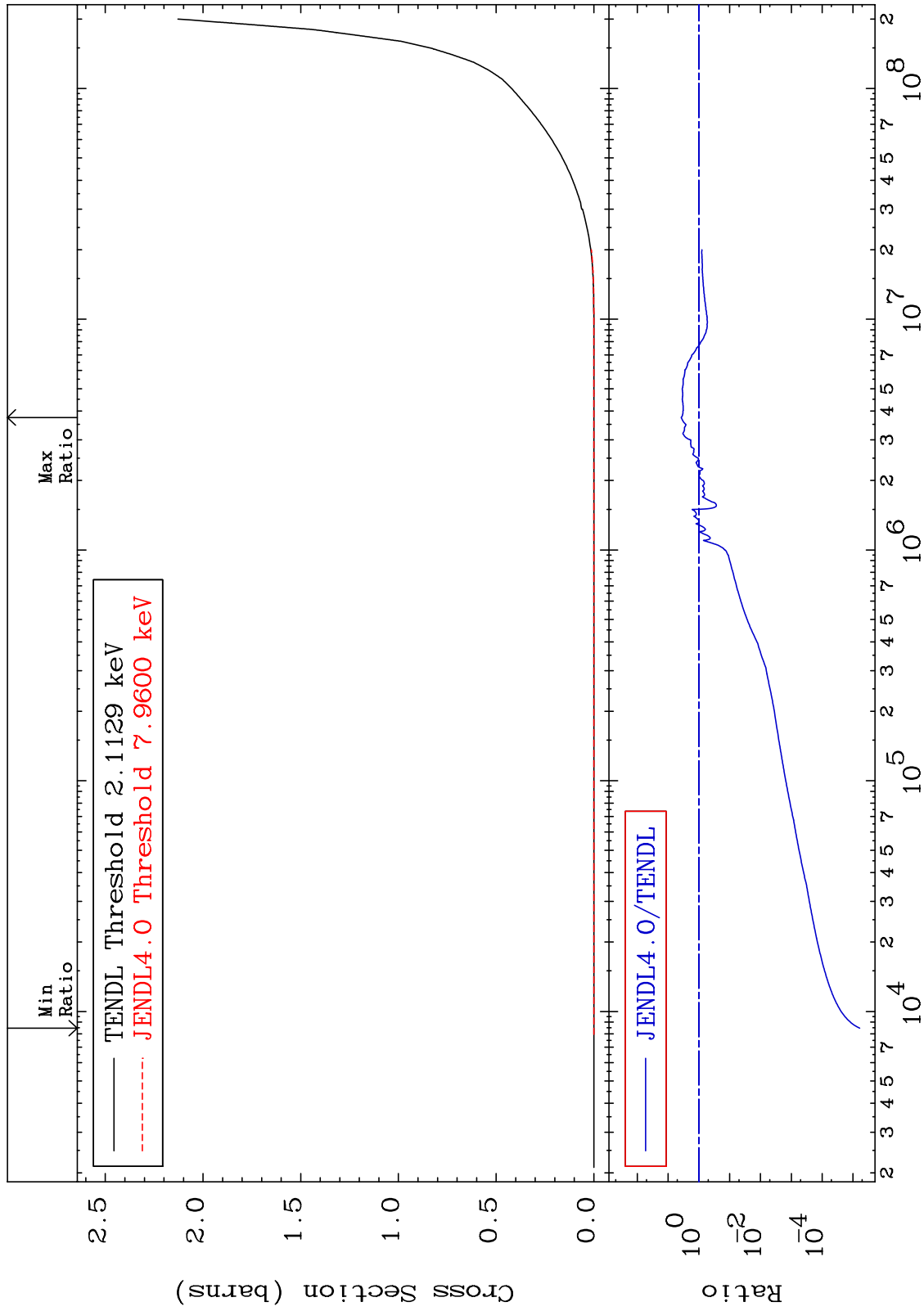




MAT 7925

Hydrogen Production  
Cross Section

79-Au-197  
-100.0 To 273.6 %



40

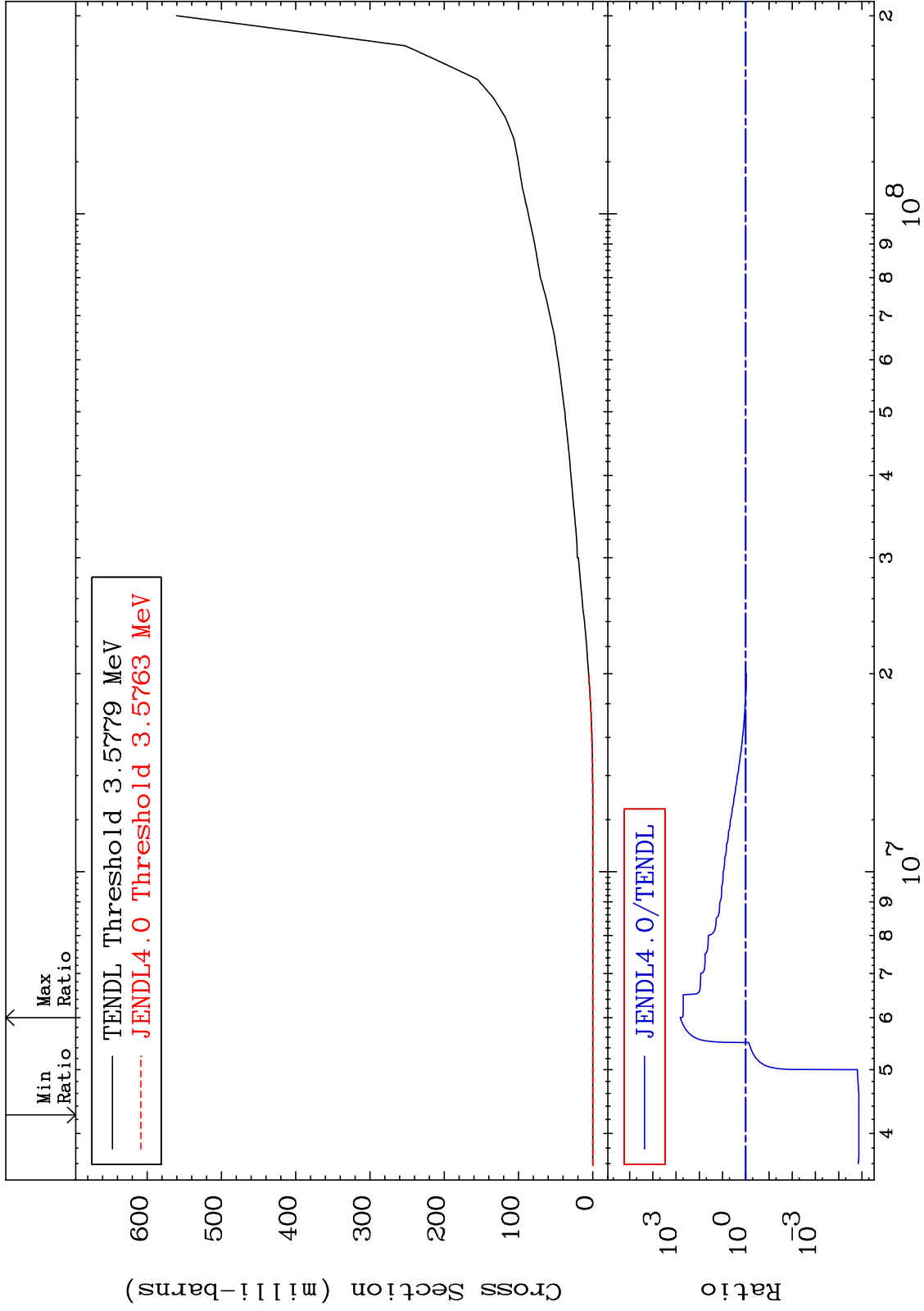
Incident Energy (eV)

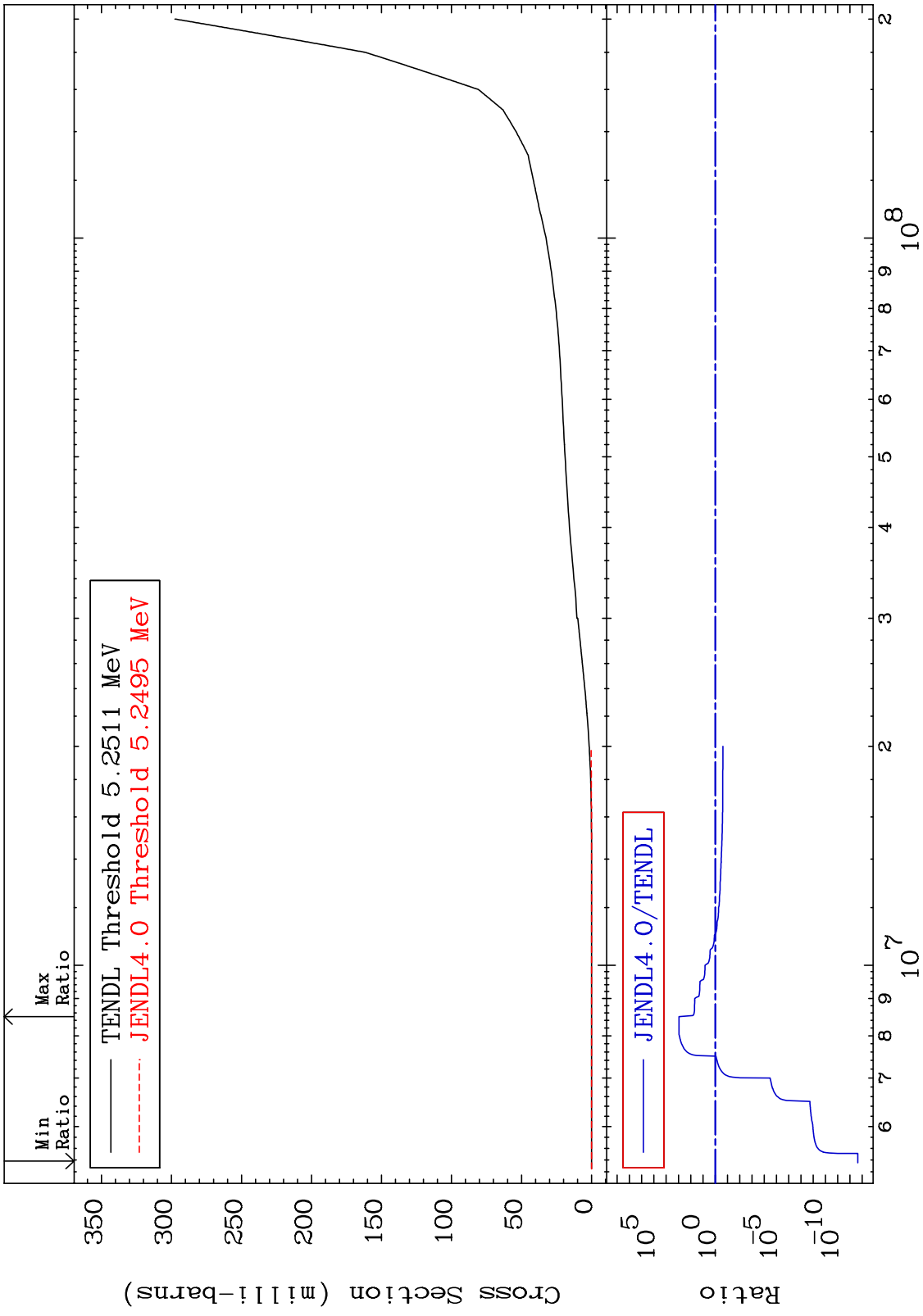
79-Au-197

MAT 7925

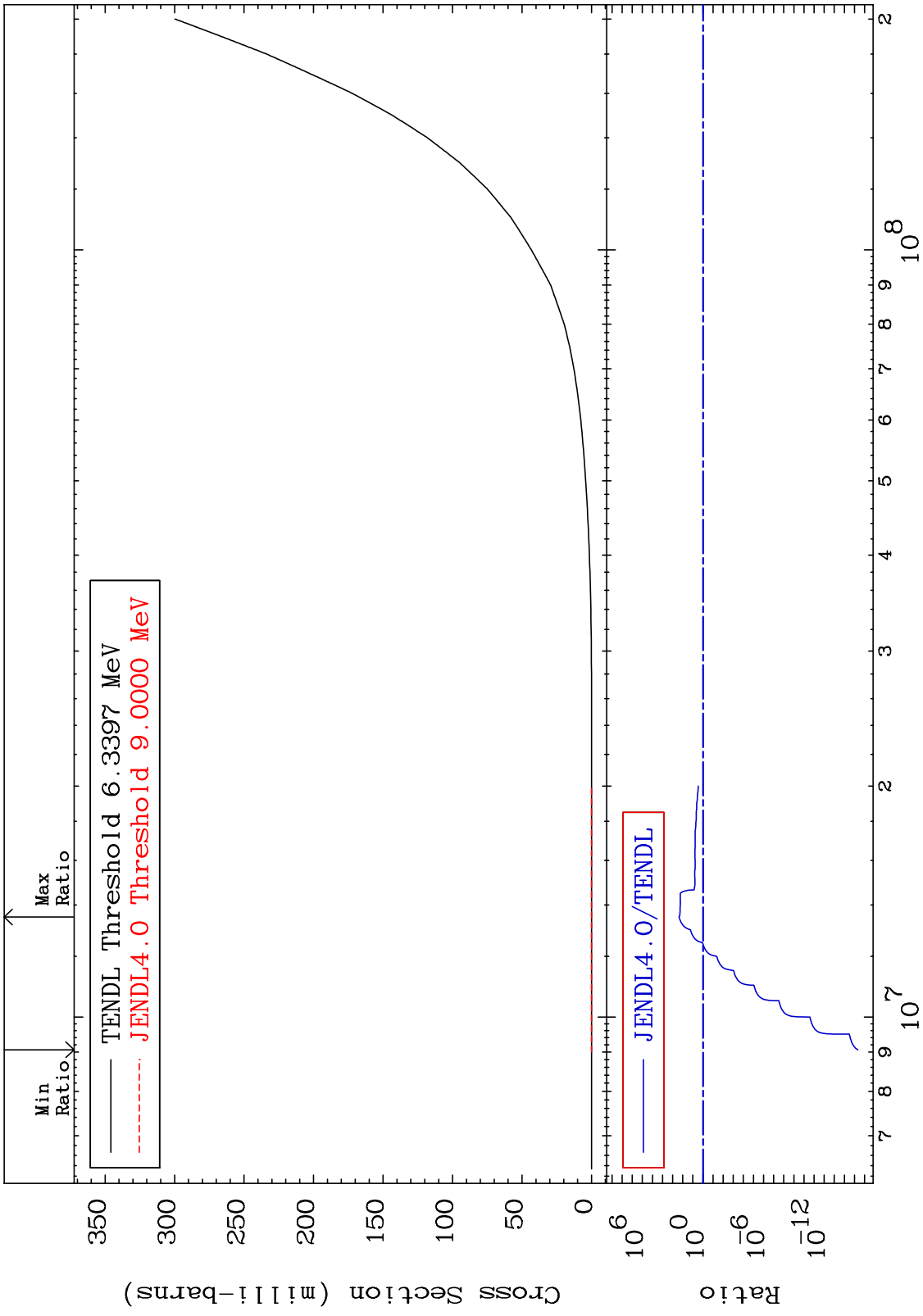
### Deuterium Production Cross Section

79-Au-197  
-100.0 To 9999. %





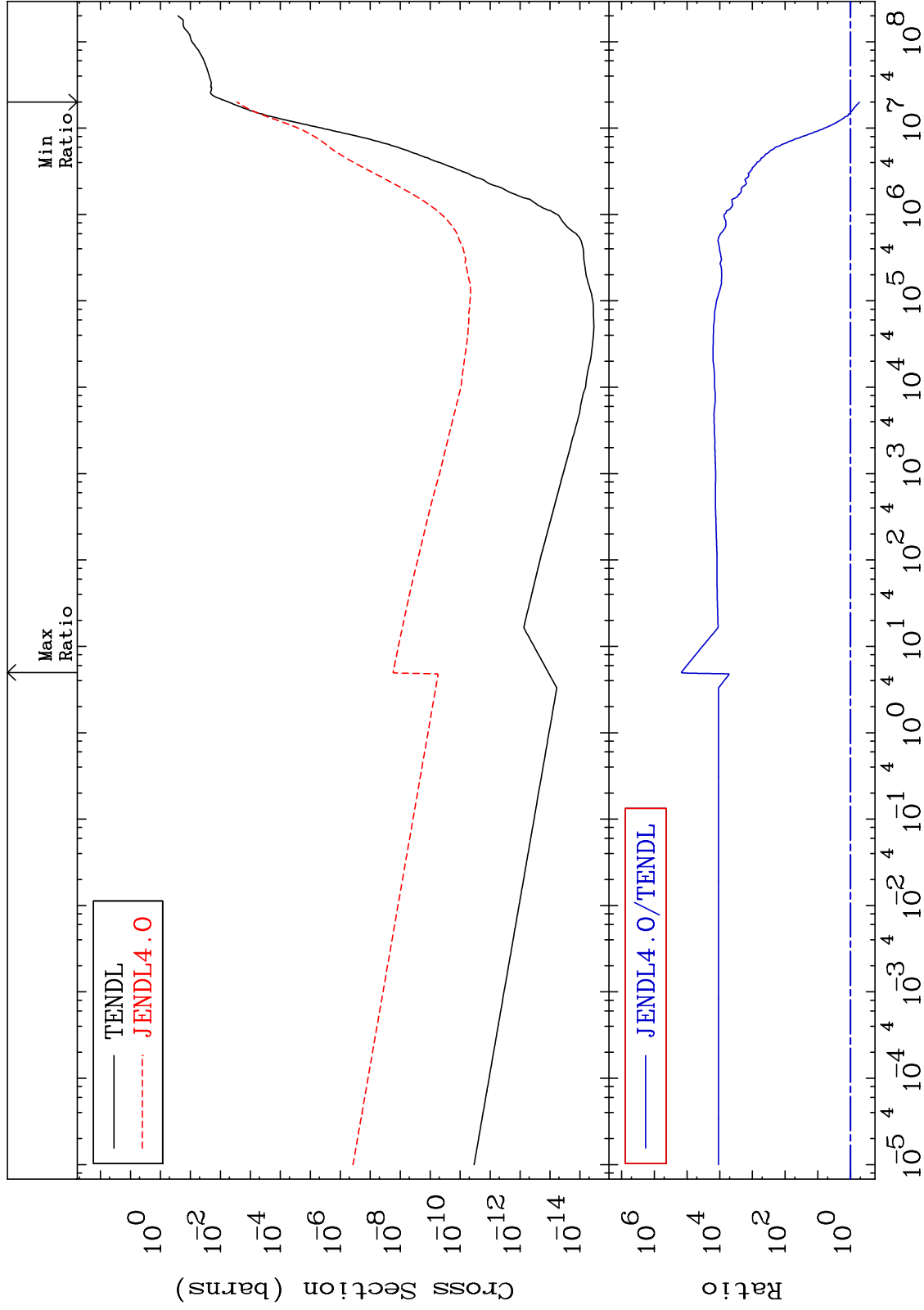
MAT 7925 He-3 Production Cross Section 79-Au-197  
 -100.0 To 9999. %



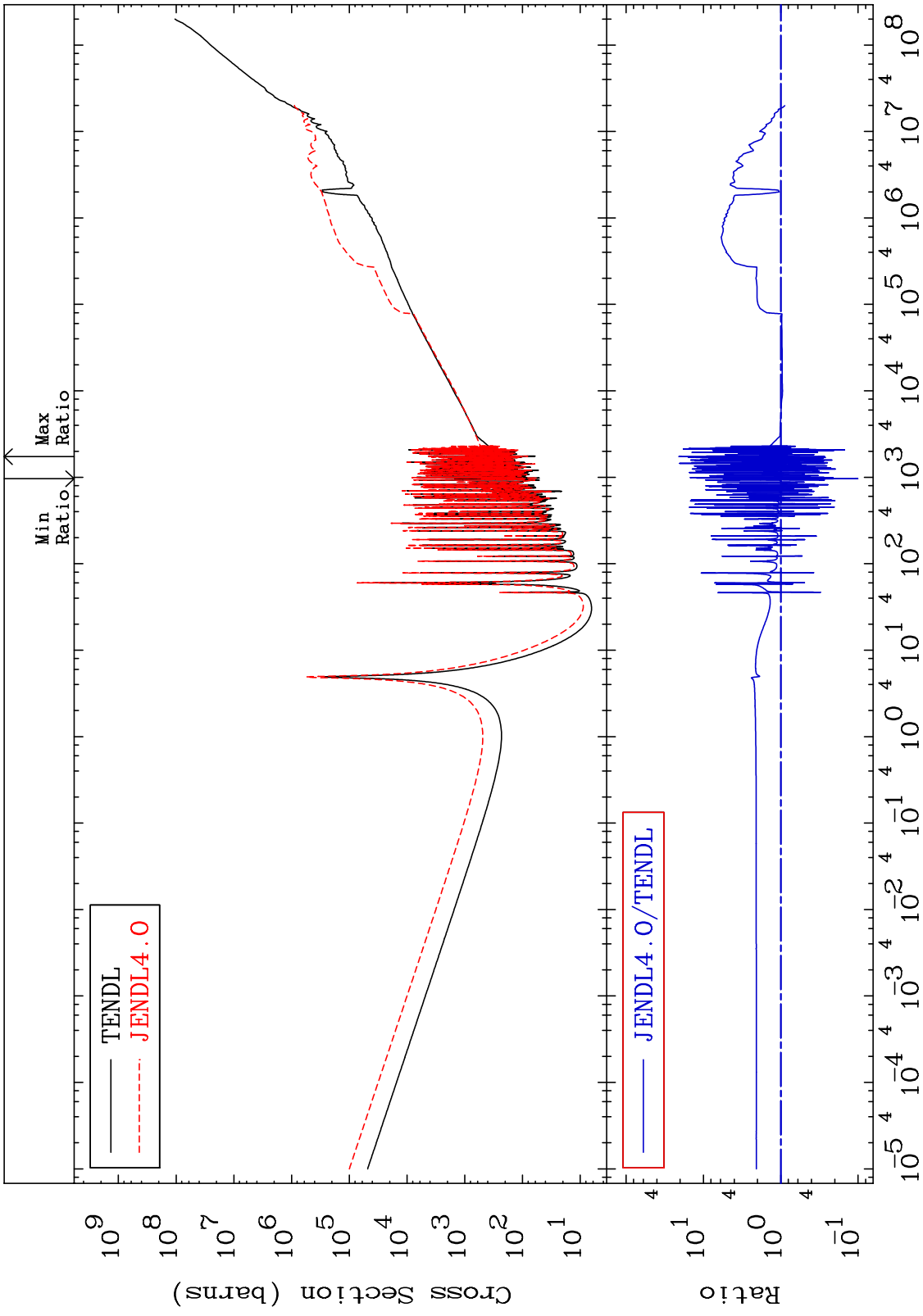
MAT 7925

He-4 Production  
Cross Section

79-Au-197  
-47.96 To 9999. %



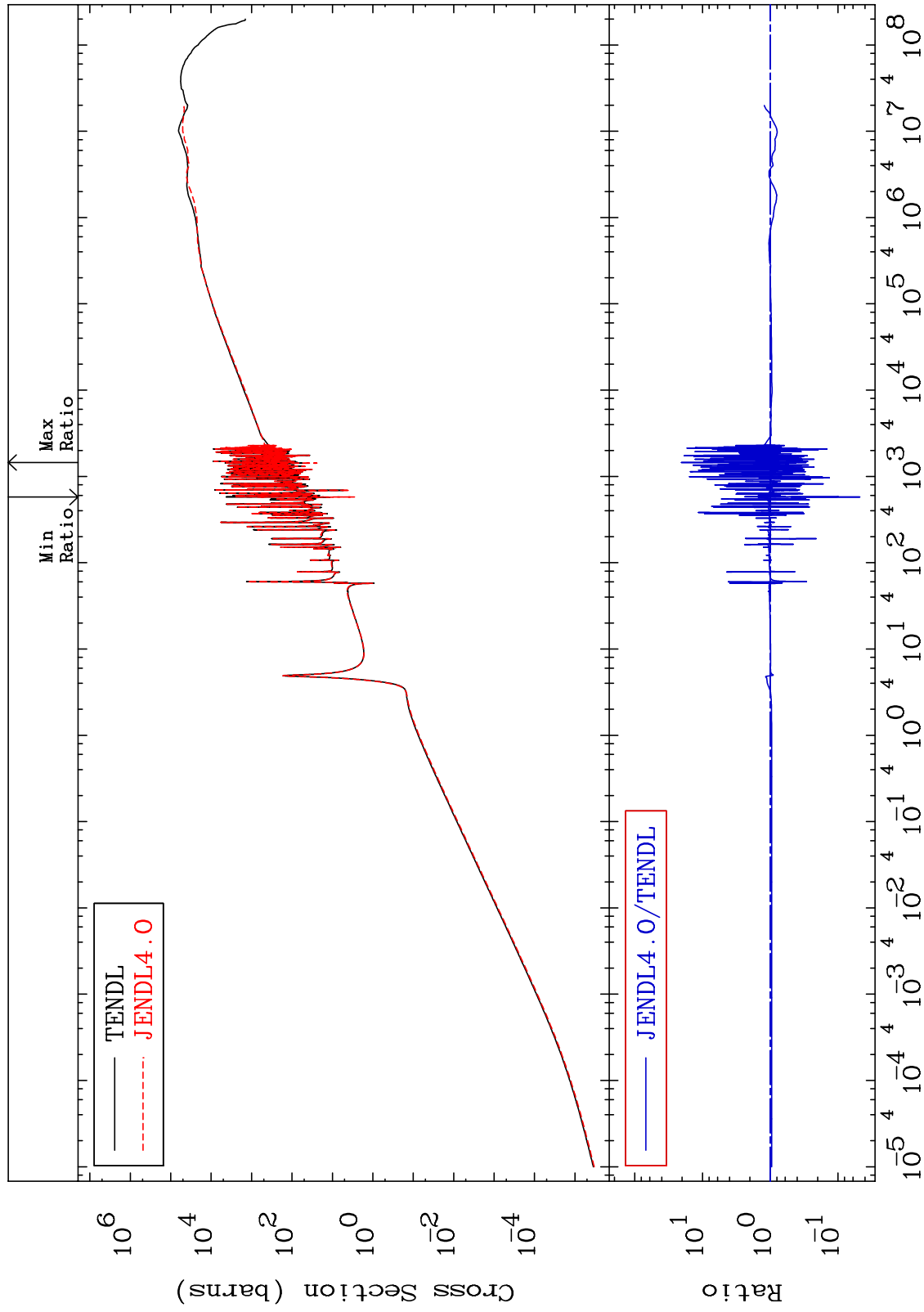
MAT 7925 Kerma total (eV-barns) 79-Au-197  
 Cross Section -89.92 To 1967. %



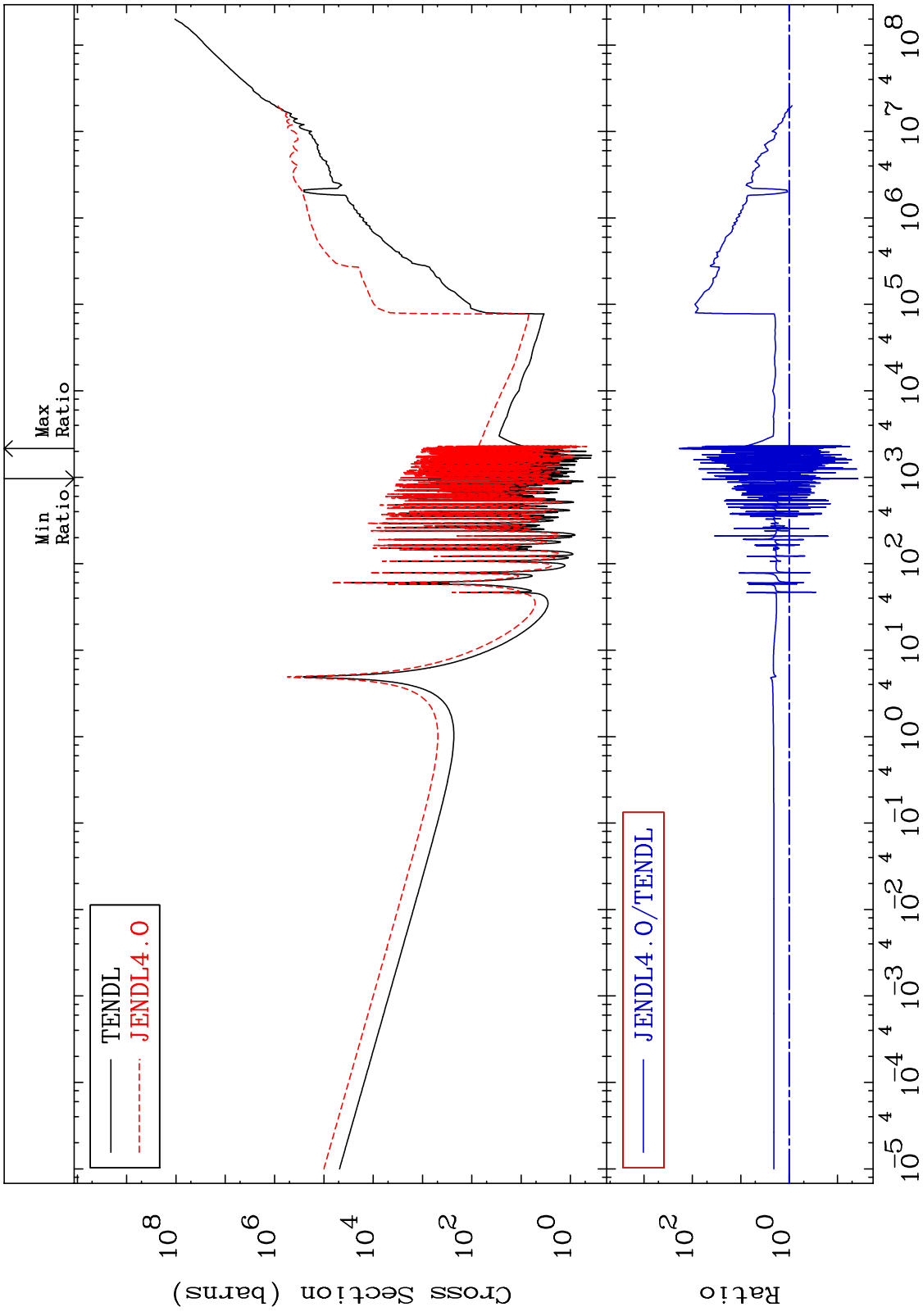
MAT 7925

Kerma elastic  
Cross Section

79-Au-197  
-95.23 To 1946. %

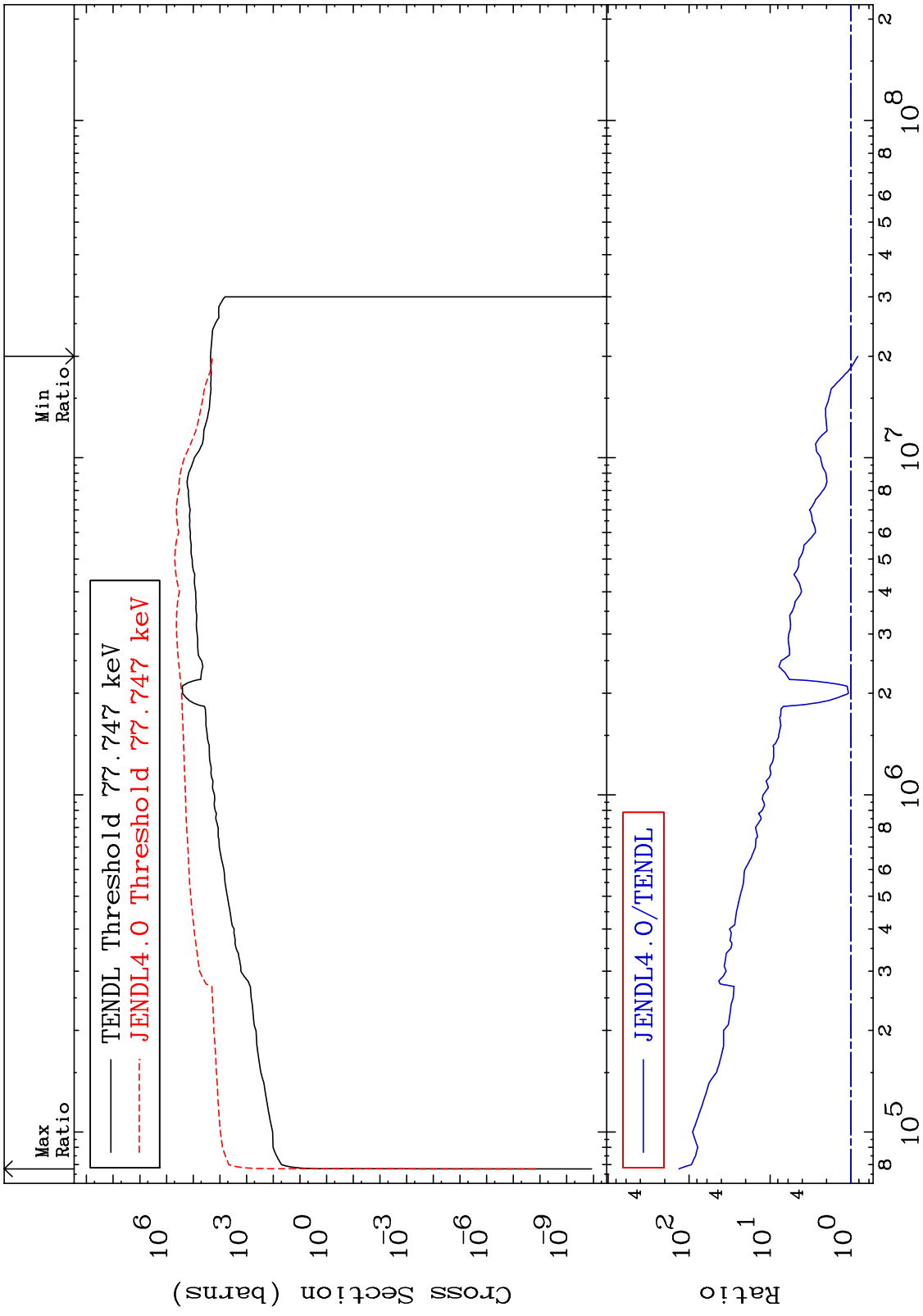


MAT 7925 Kerma non-elastic (all but mt2) Cross Section 79-Au-197 -96.19 To 9999. %





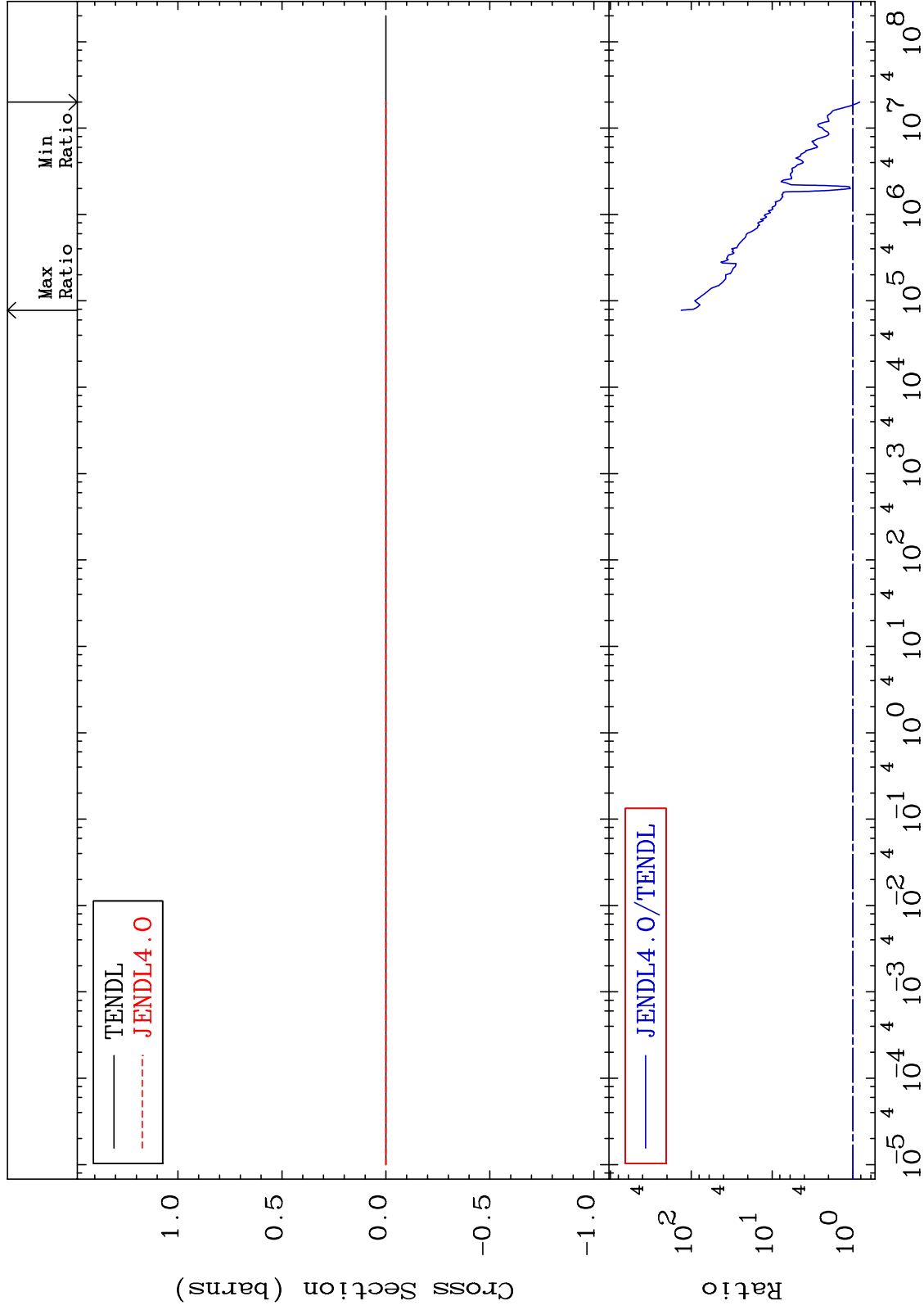
MAT 7925 Kerma inelastic (mt51-91) 79-Au-197  
-17.74 To 9999. %



MAT 7925

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

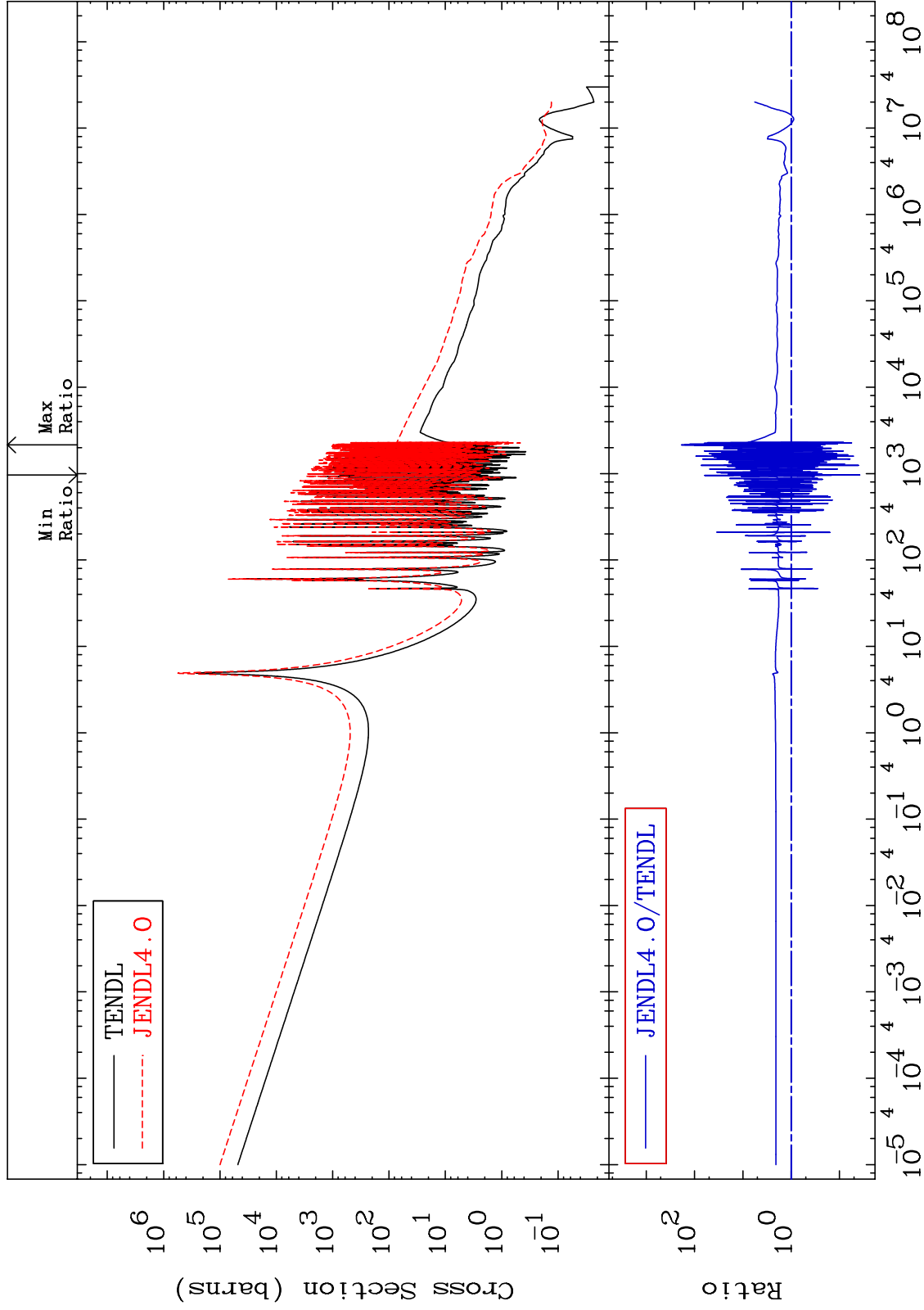
79-Au-197  
-17.74 To 9999. %



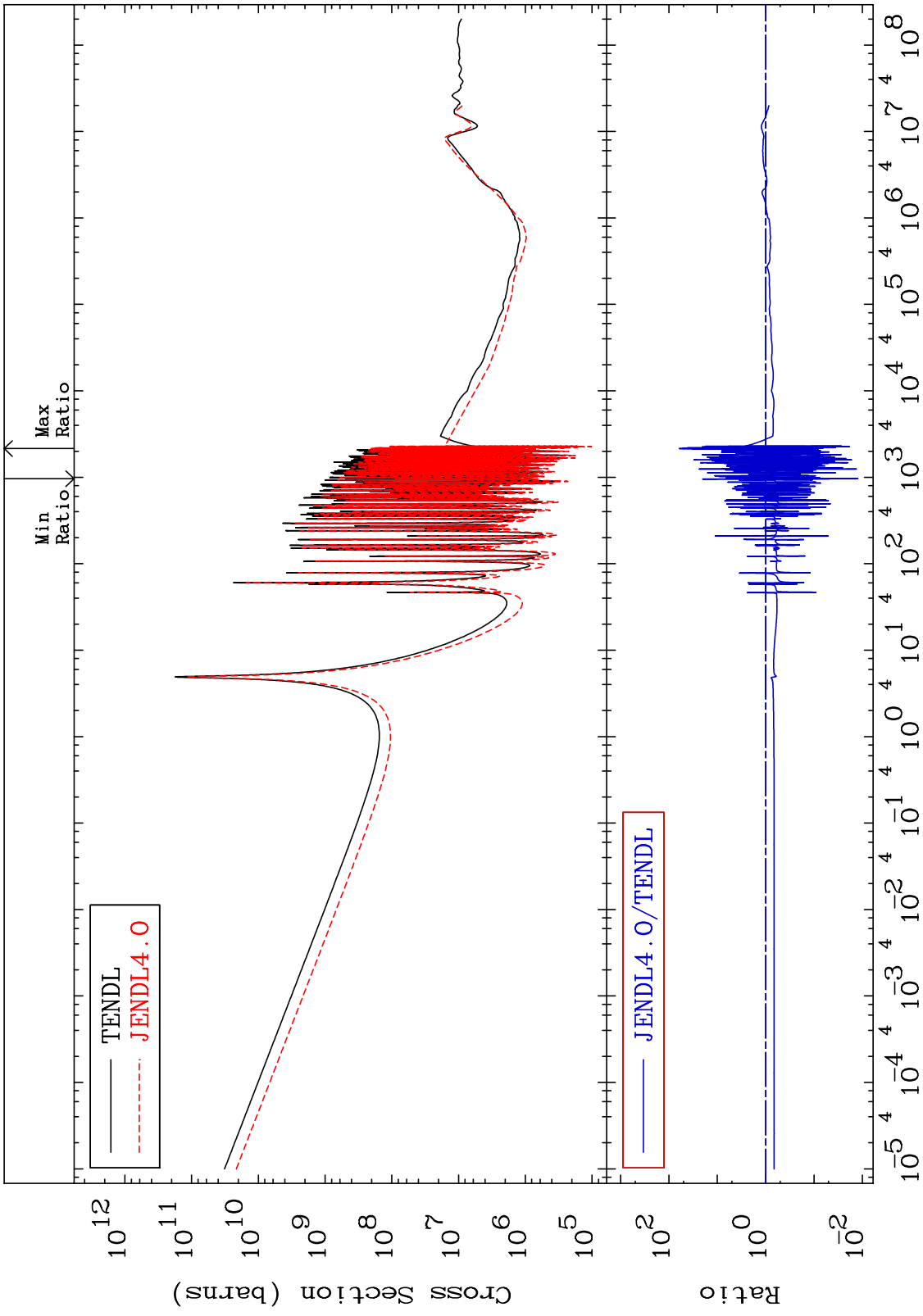
MAT 7925

Kerma capture (mt102)  
Cross Section

79-Au-197  
-96.19 To 9999. %



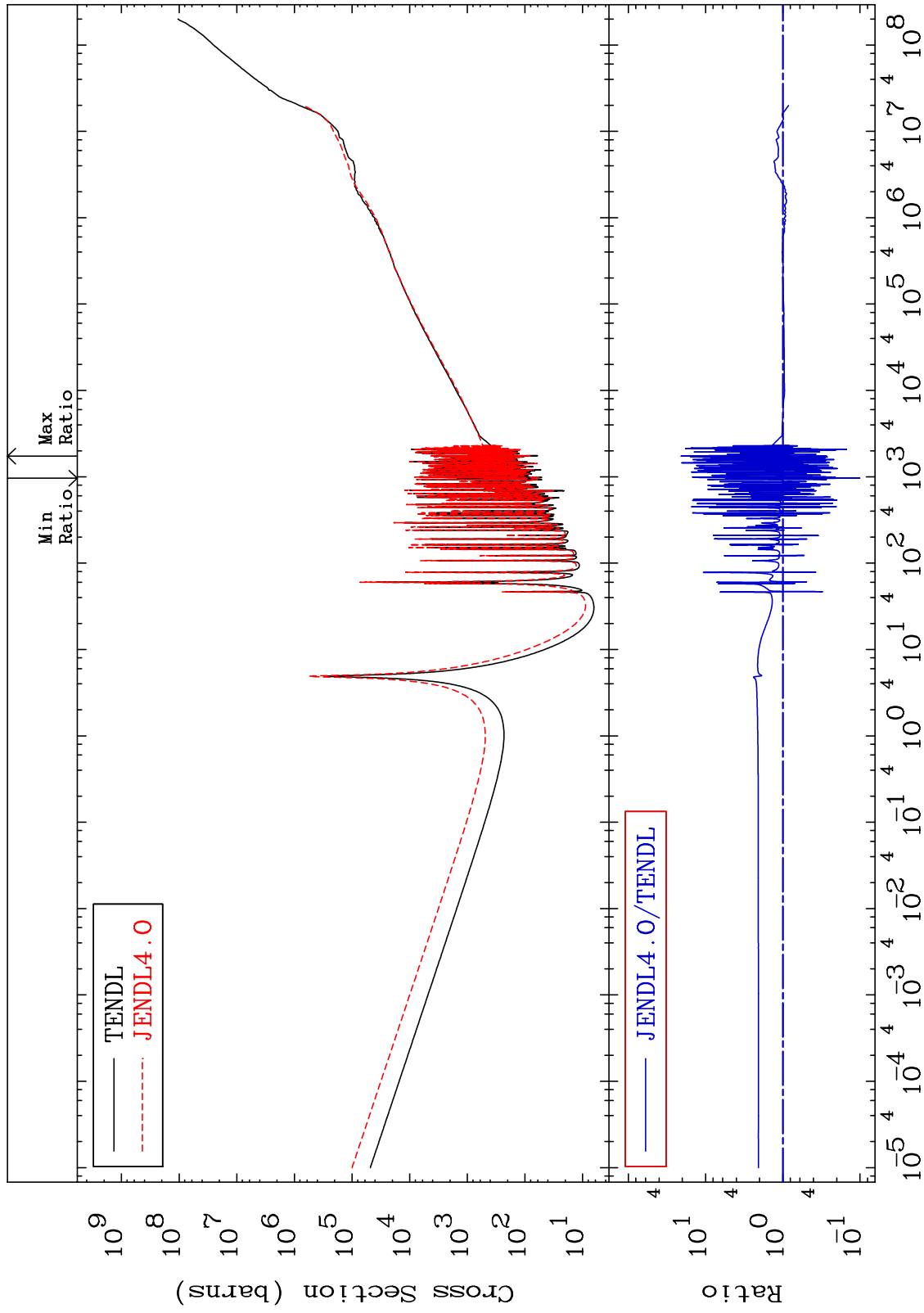
MAT 7925 79-Au-197  
-98.76 To 6094. %  
 Total photon (eV-barns)  
 Cross Section



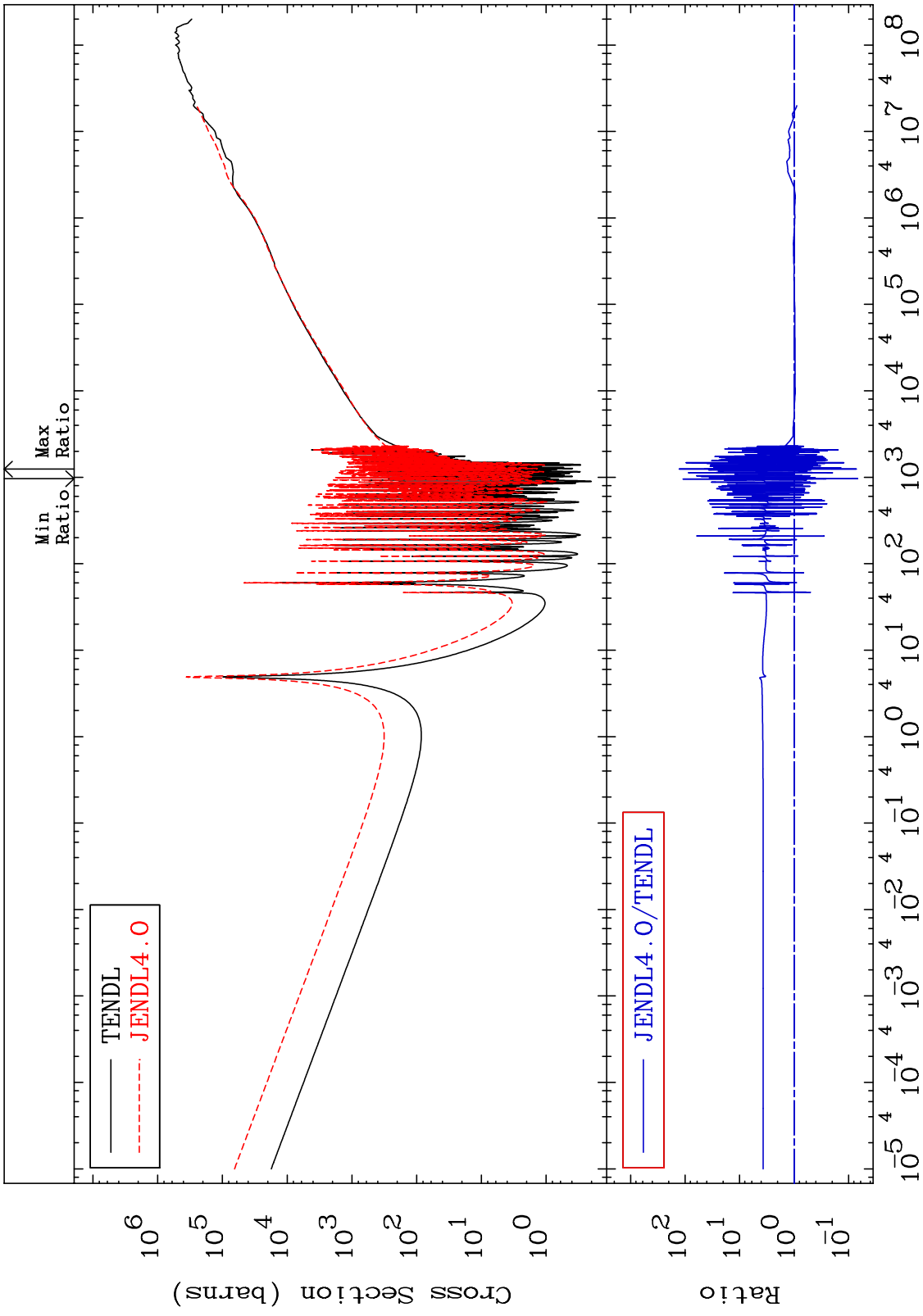
MAT 7925

Total kinematic kerma (high limit)  
Cross Section

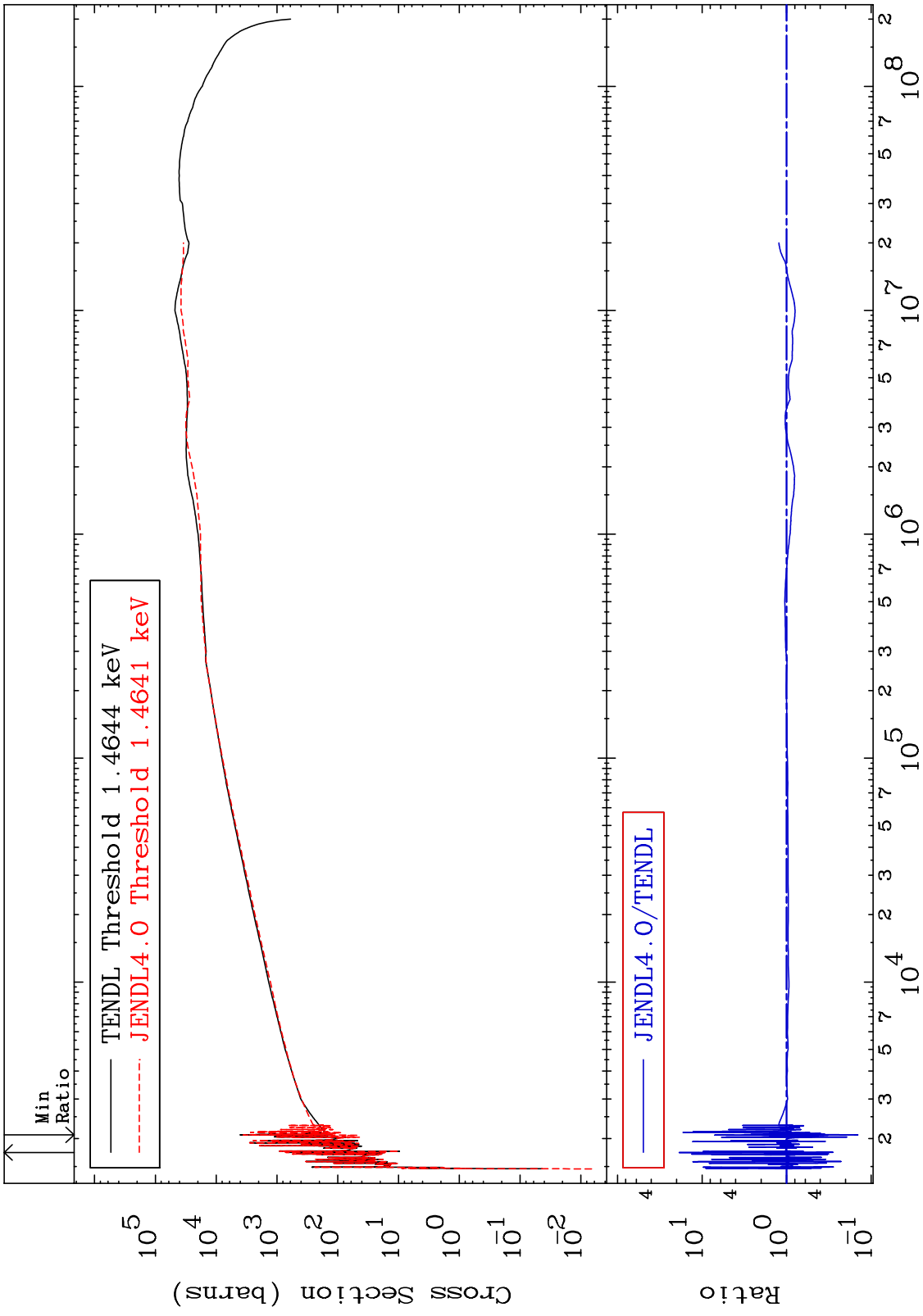
79-Au-197  
-89.92 To 1967. %



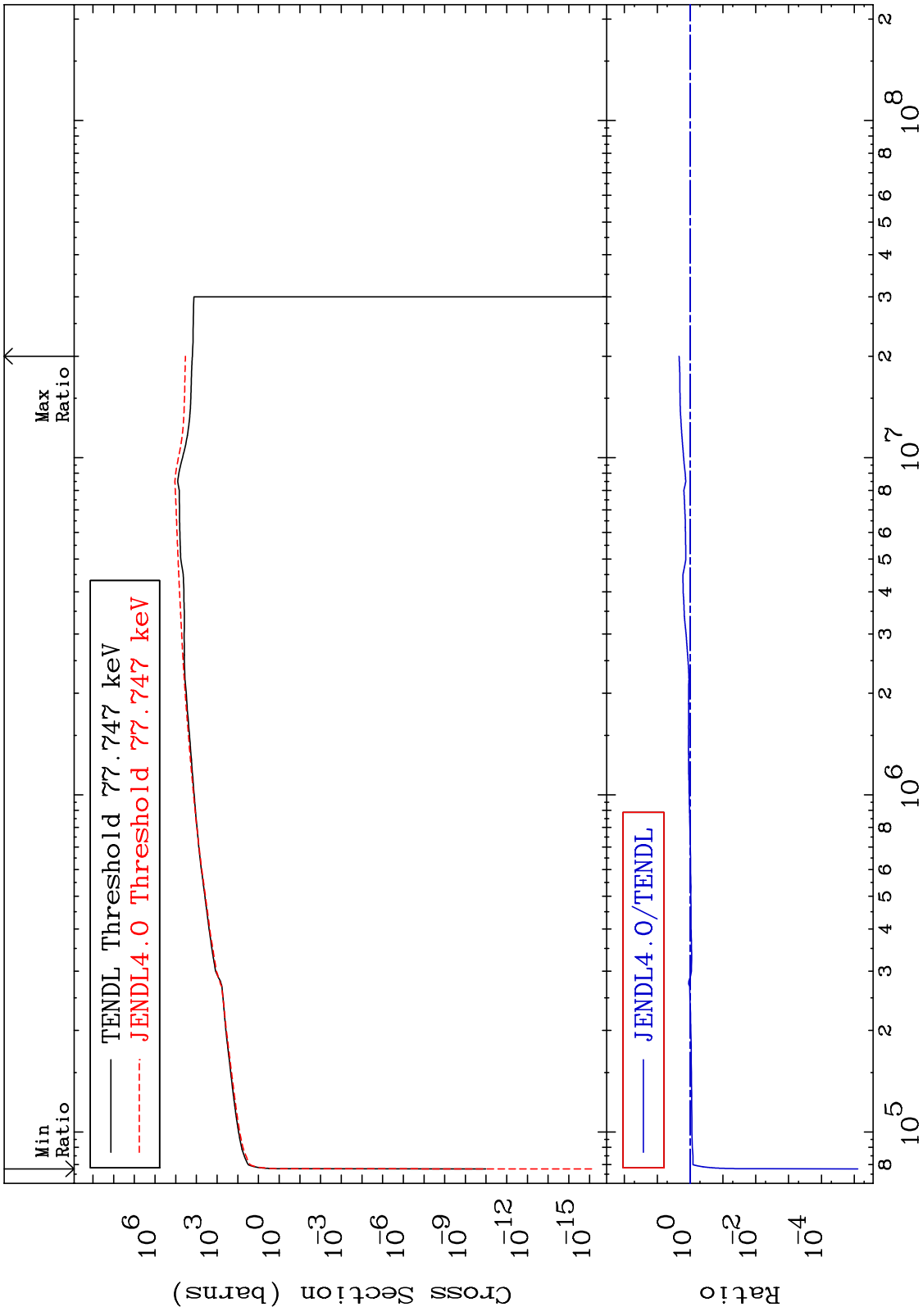
MAT 7925      Dpa total (eV-barns)      79-Au-197  
 Cross Section      -93.24 To 9999. %



MAT 7925      Dpa elastic (mt2)      79-Au-197  
 Cross Section      -85.66 To 1772. %



MAT 7925      Dpa inelastic (mt51-91)      79-Au-197  
 Cross Section      -100.0 To 116.7 %





MAT 7925

Dpa disappearance (mt102 -120)  
Cross Section

79-Au-197  
-93.24 To 9999. %

