

Program EVALPLOT  
(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

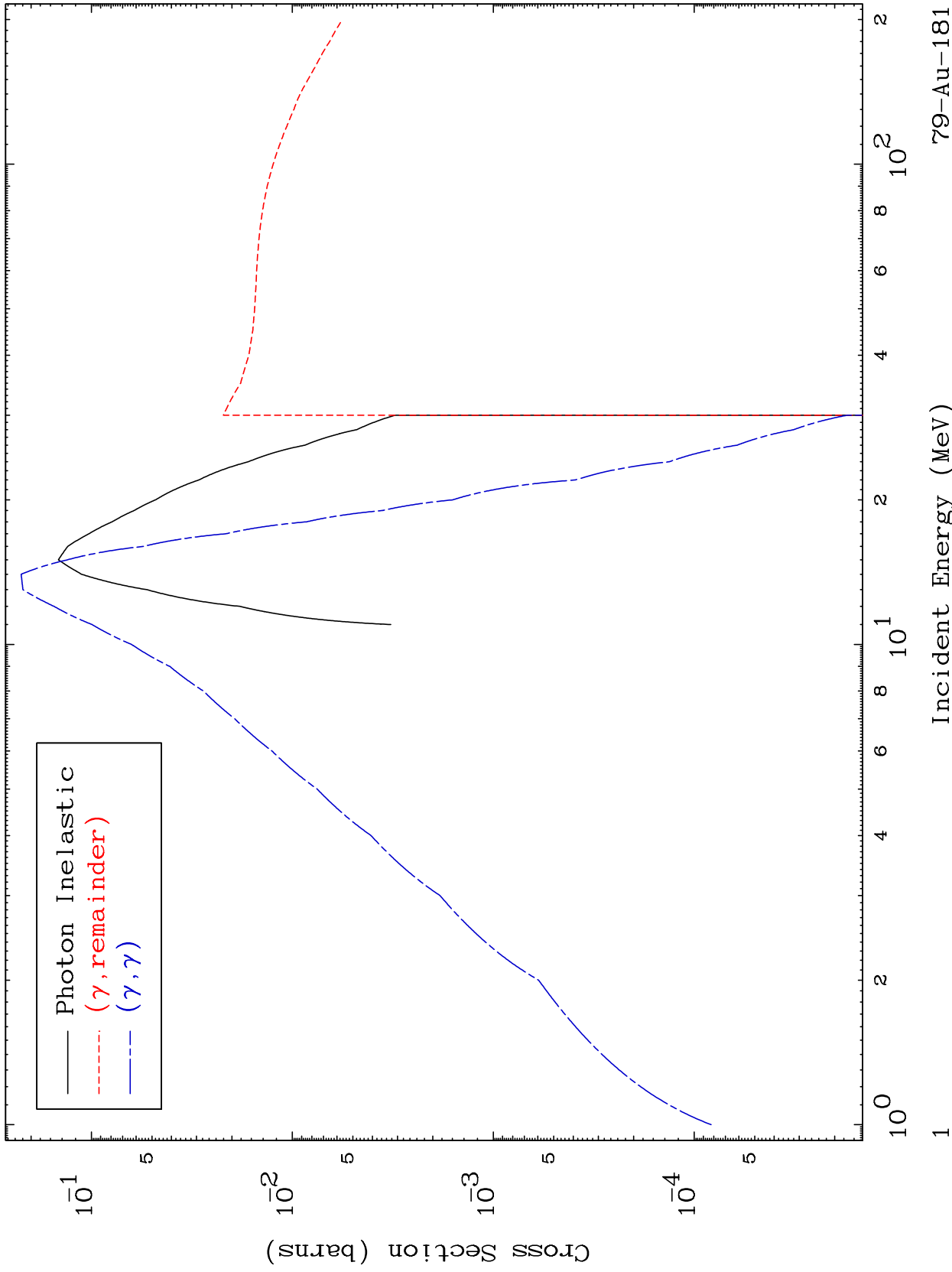
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7877

Photon Major  
0 Kelvin Cross Sections

79-Au-181

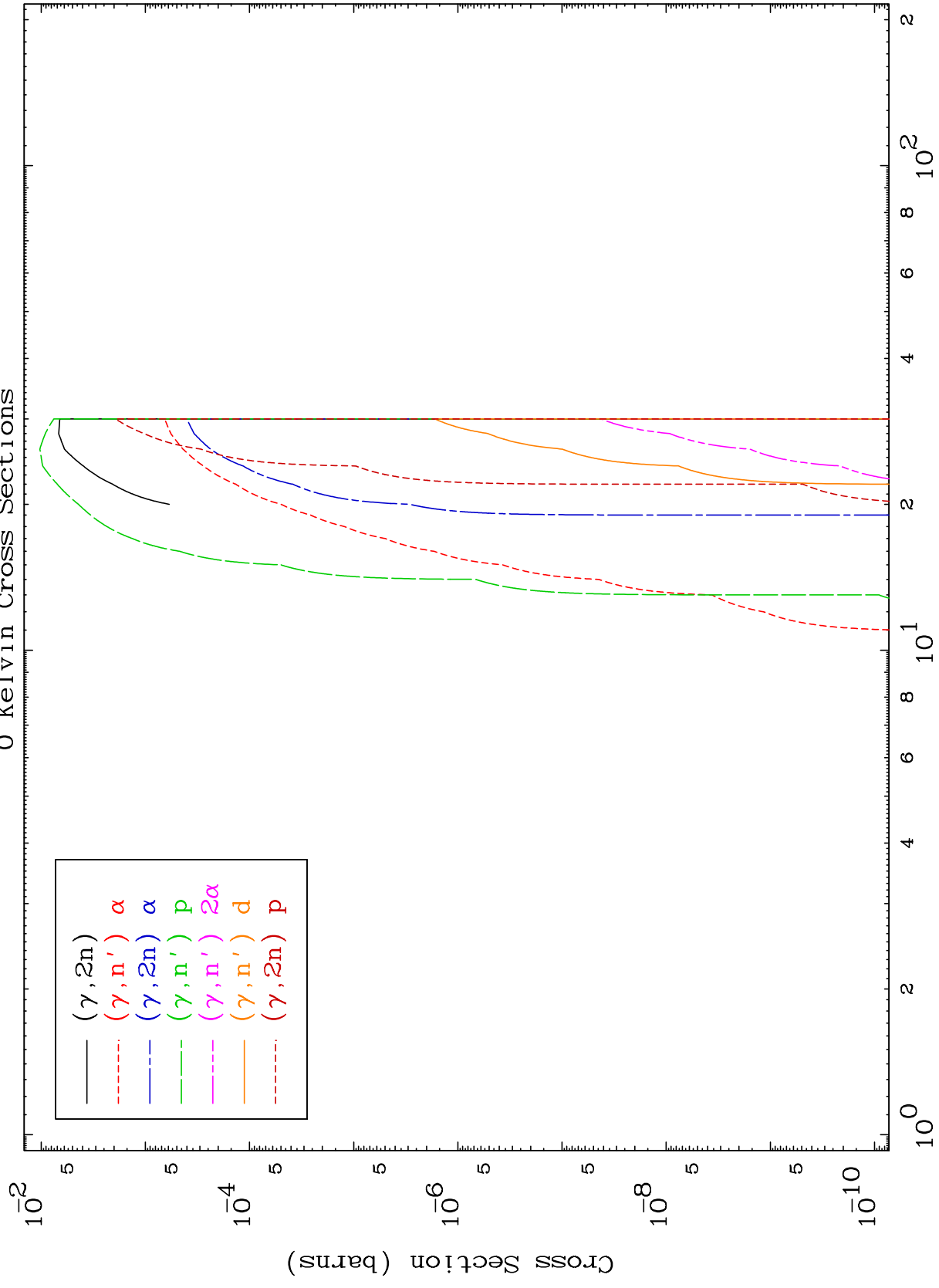


79-Au-181

MAT 7877

Photon Neutron Production  
0 Kelvin Cross Sections

79-Au-181



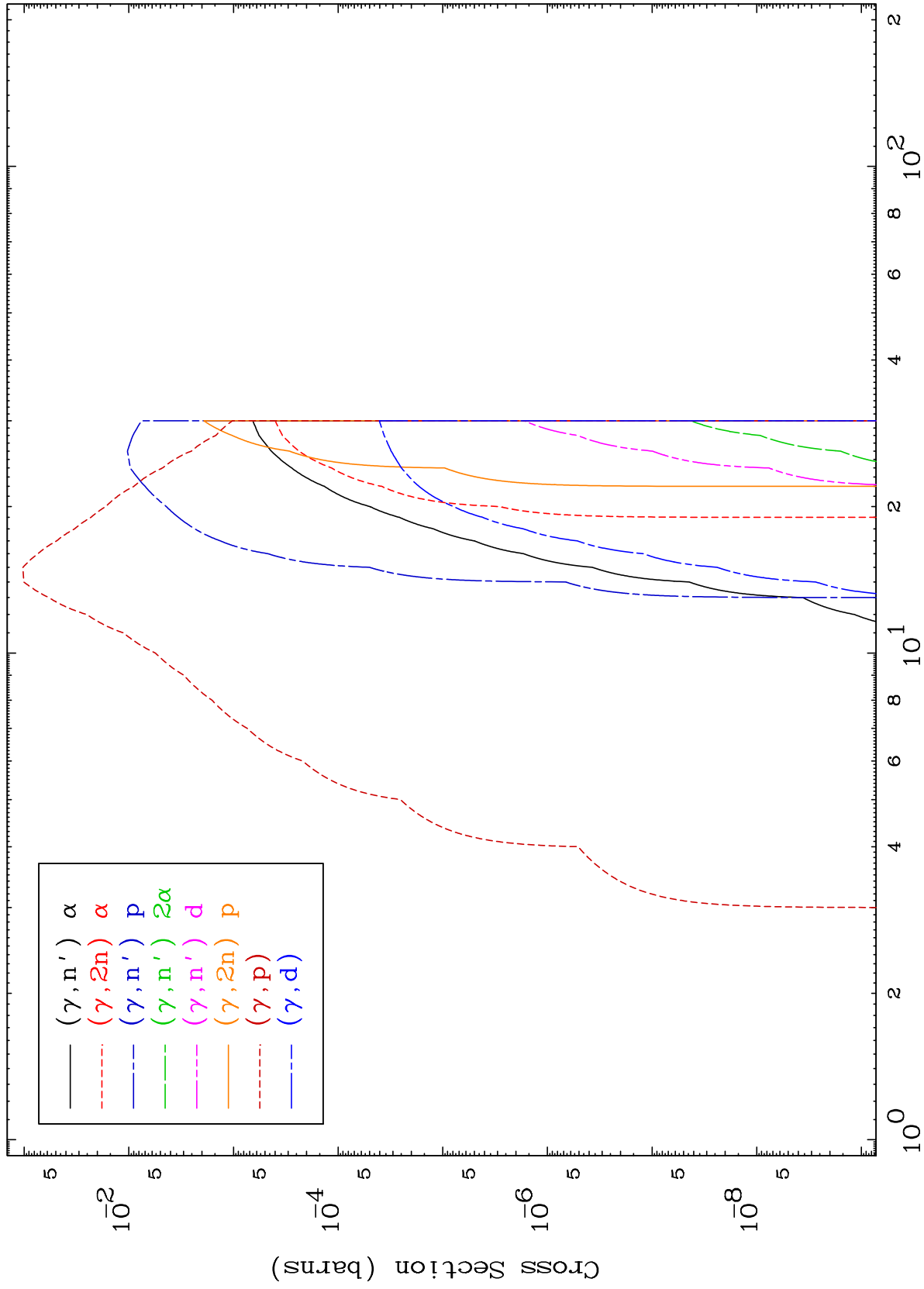
79-Au-181

Incident Energy (MeV)

MAT 7877

Photon Charged Particle  
0 Kelvin Cross Sections

79-Au-181



3

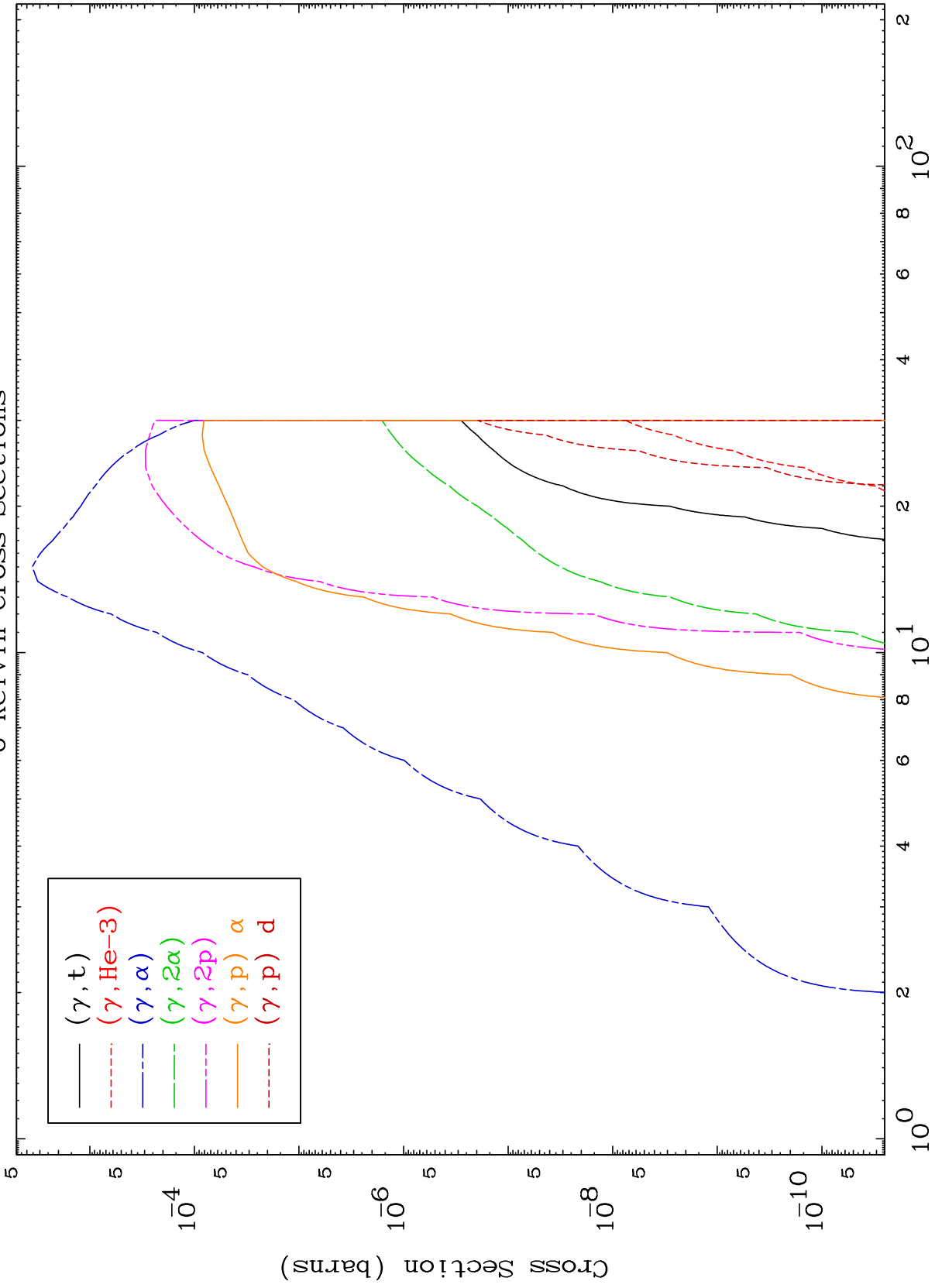
Incident Energy (MeV)

79-Au-181

MAT 7877

Photon Charged Particle  
0 Kelvin Cross Sections

79-Au-181



79-Au-181

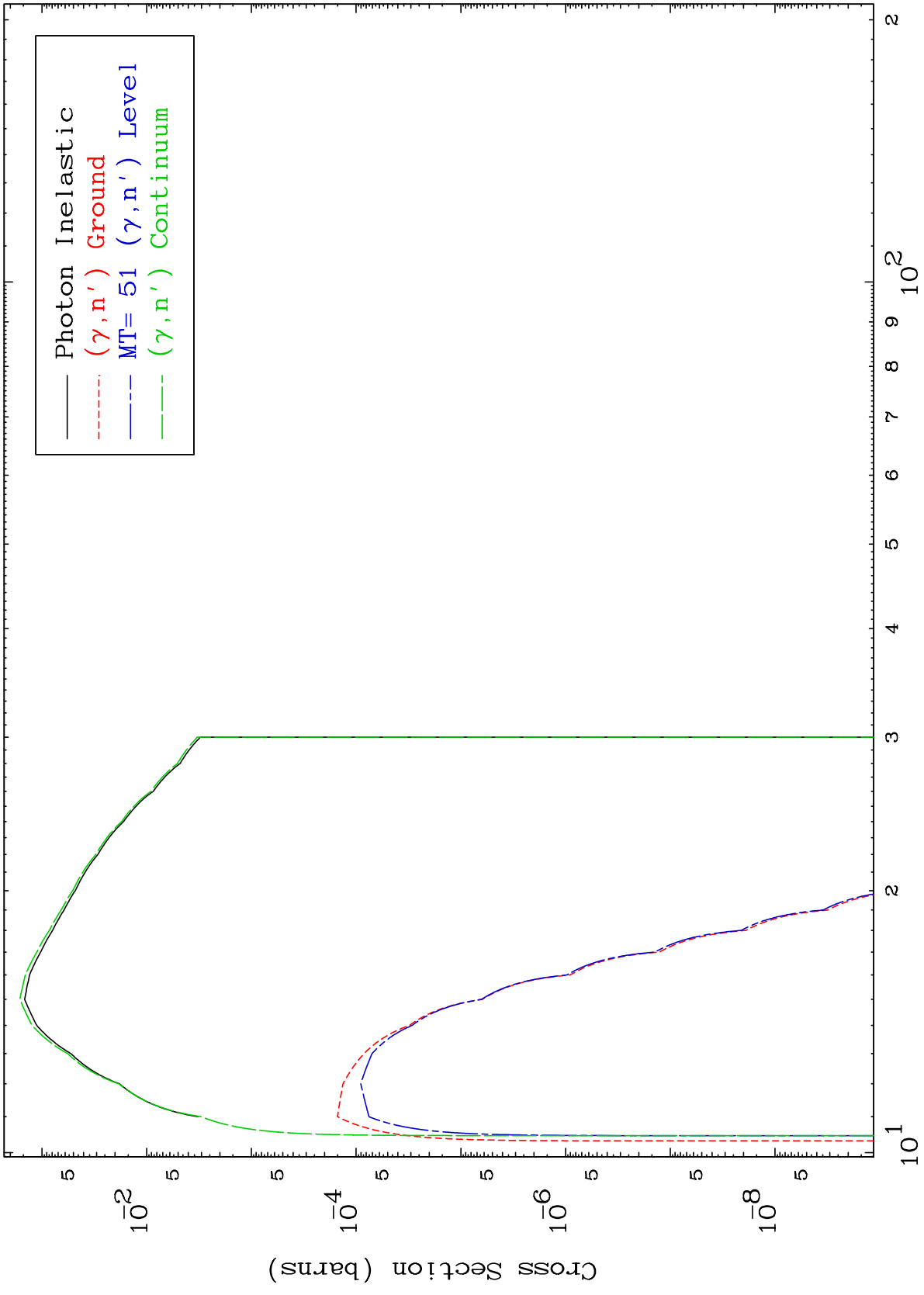
Incident Energy (MeV)

4

MAT 7877

( $\gamma, n'$ ) Level  
0 Kelvin Cross Sections

79-Au-181



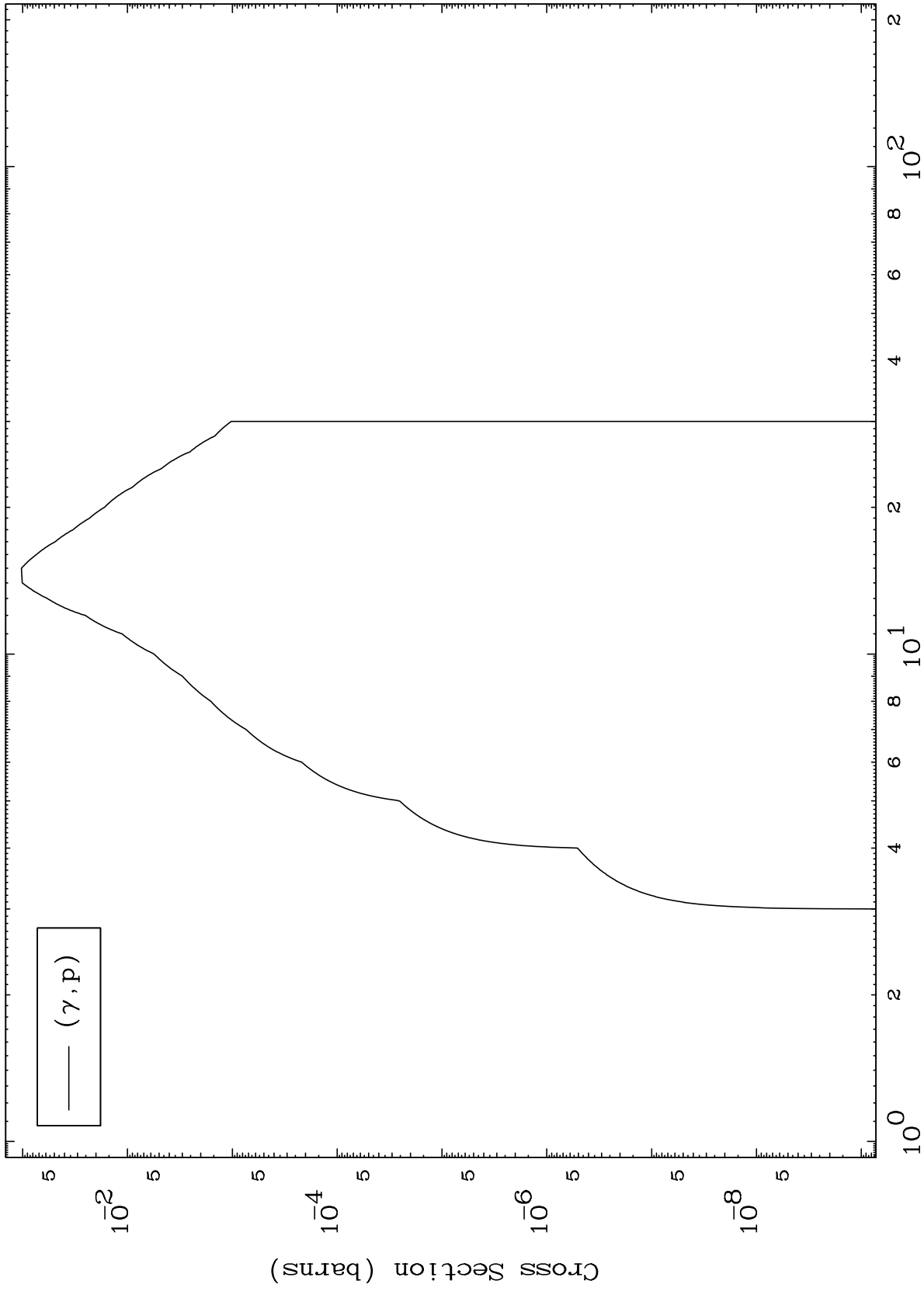
Incident Energy (MeV)

79-Au-181

MAT 7877

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

79-Au-181



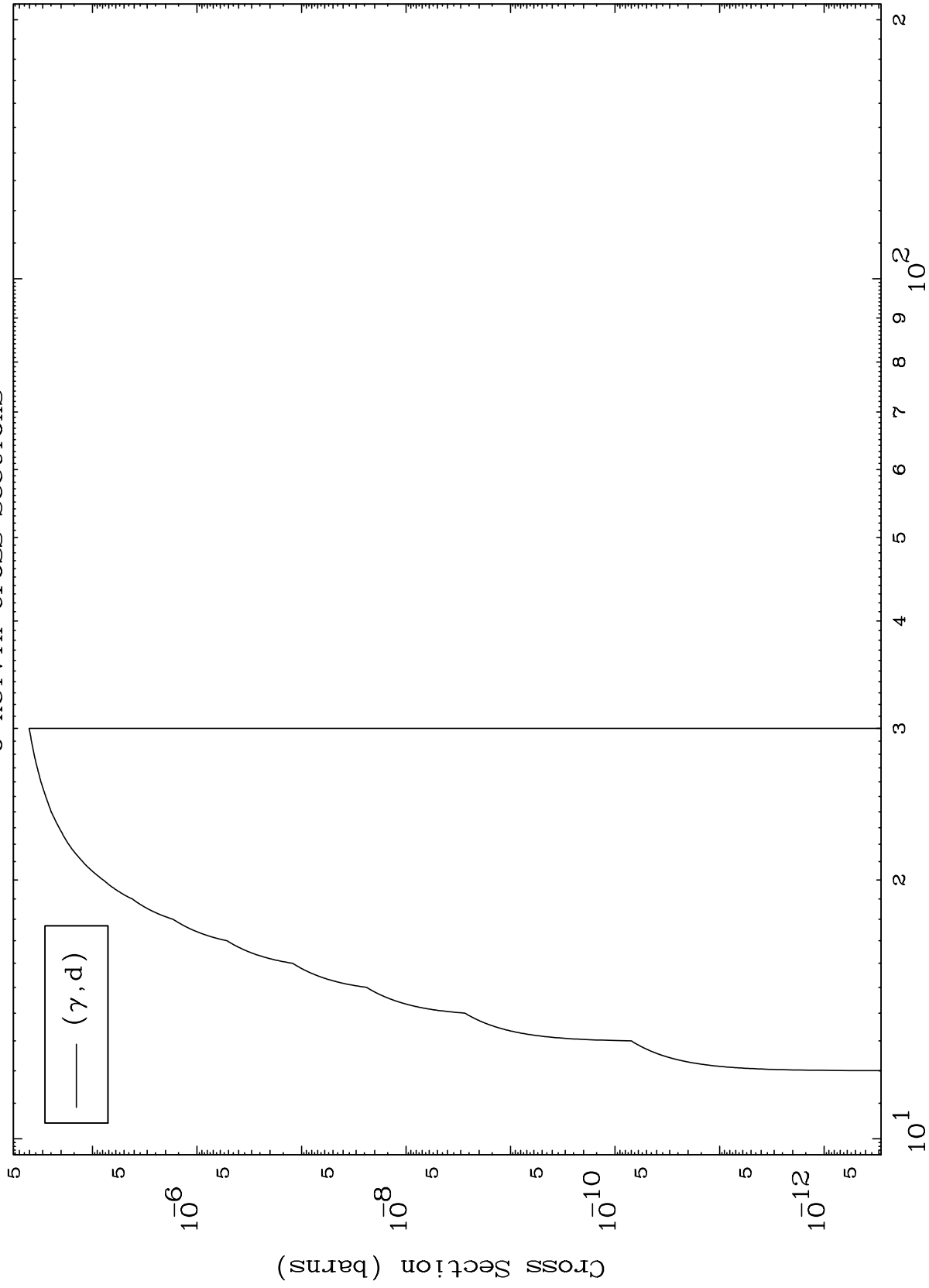
Incident Energy (MeV)

79-Au-181

MAT 7877

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

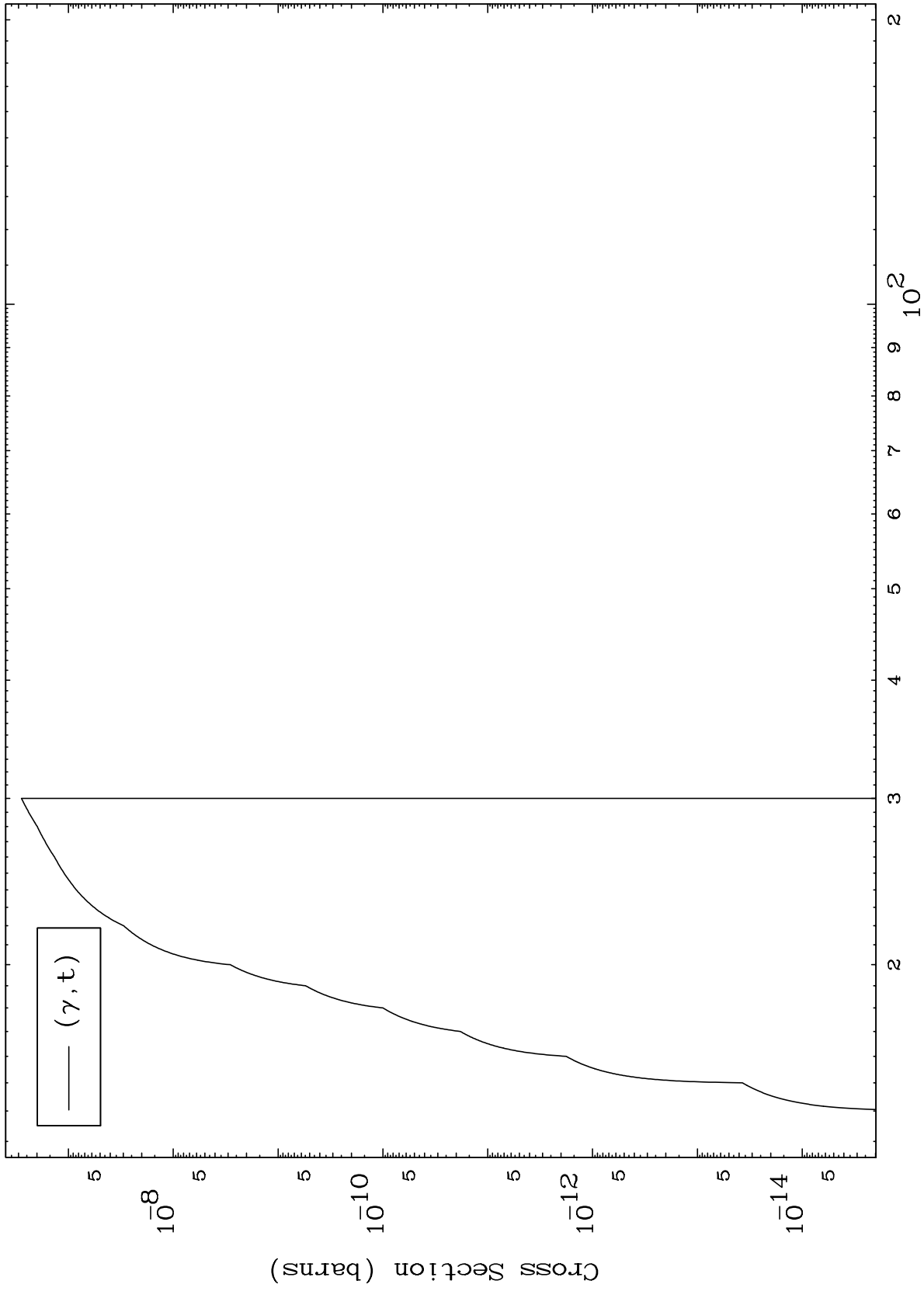
79-Au-181



Incident Energy (MeV)

79-Au-181

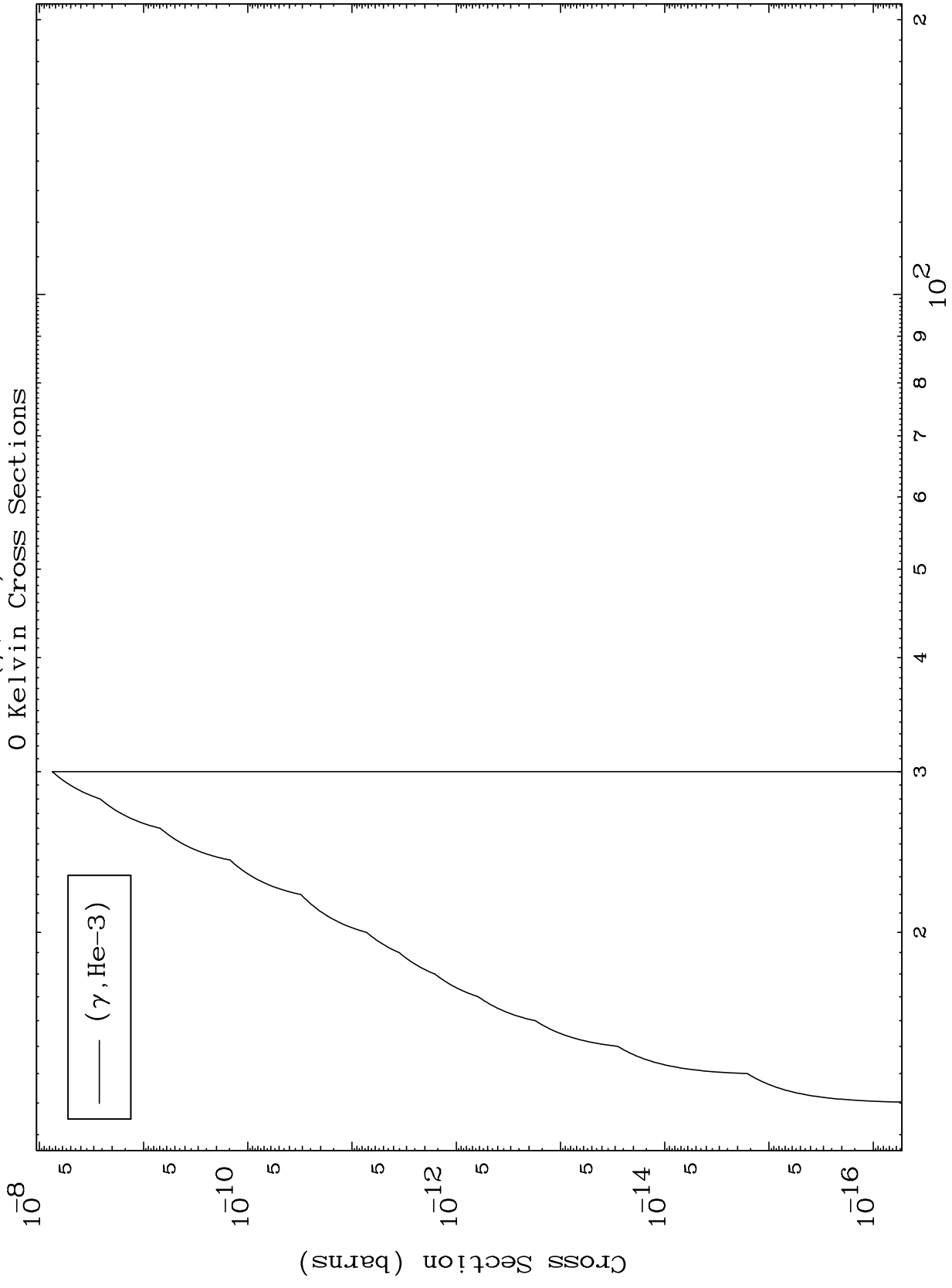




MAT 7877

( $\gamma$ ,He3) Levels  
0 Kelvin Cross Sections

79-Au-181



9

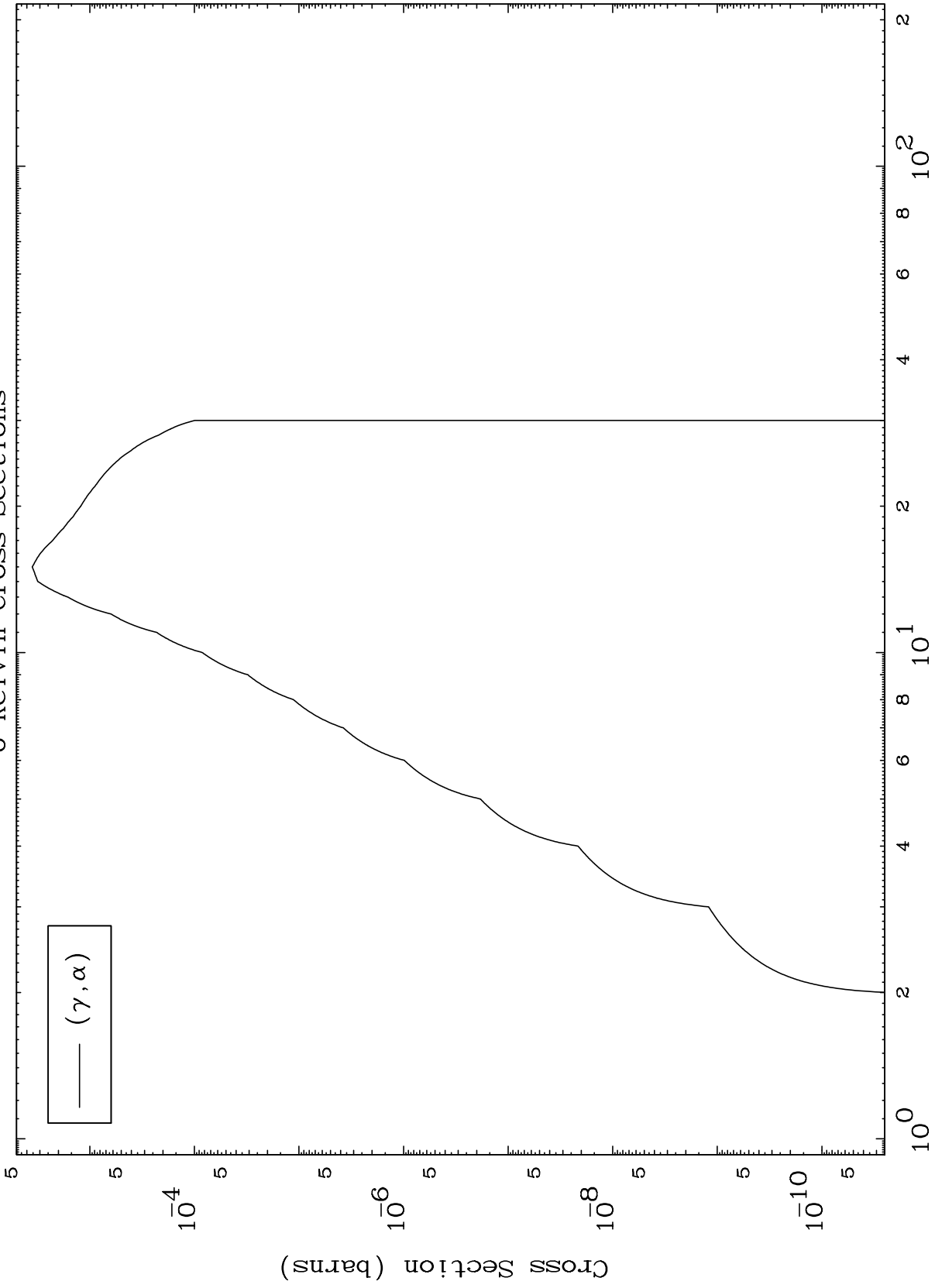
Incident Energy (MeV)

79-Au-181

MAT 7877

( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

79-Au-181



Incident Energy (MeV)

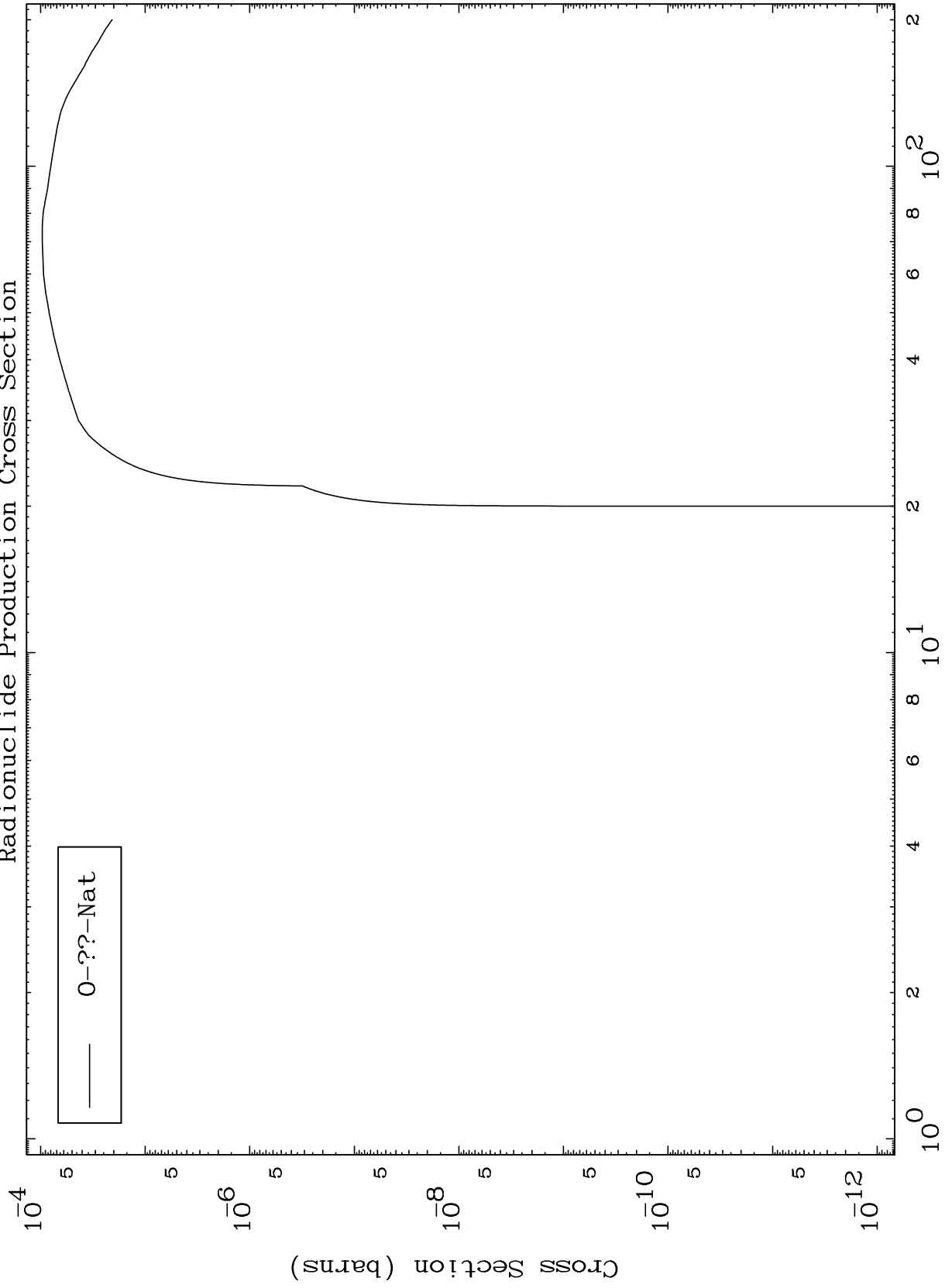
79-Au-181

MAT 7877

Photon Fission

<sup>79</sup>Au-181

Radionuclide Production Cross Section



11

Incident Energy (MeV)

<sup>79</sup>Au-181

MAT 7877

$(\gamma, n')$   $2\alpha$

<sup>79</sup>Au-181

Radionuclide Production Cross Section

