

Program EVALPLOT  
(Version 2017-1)

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)

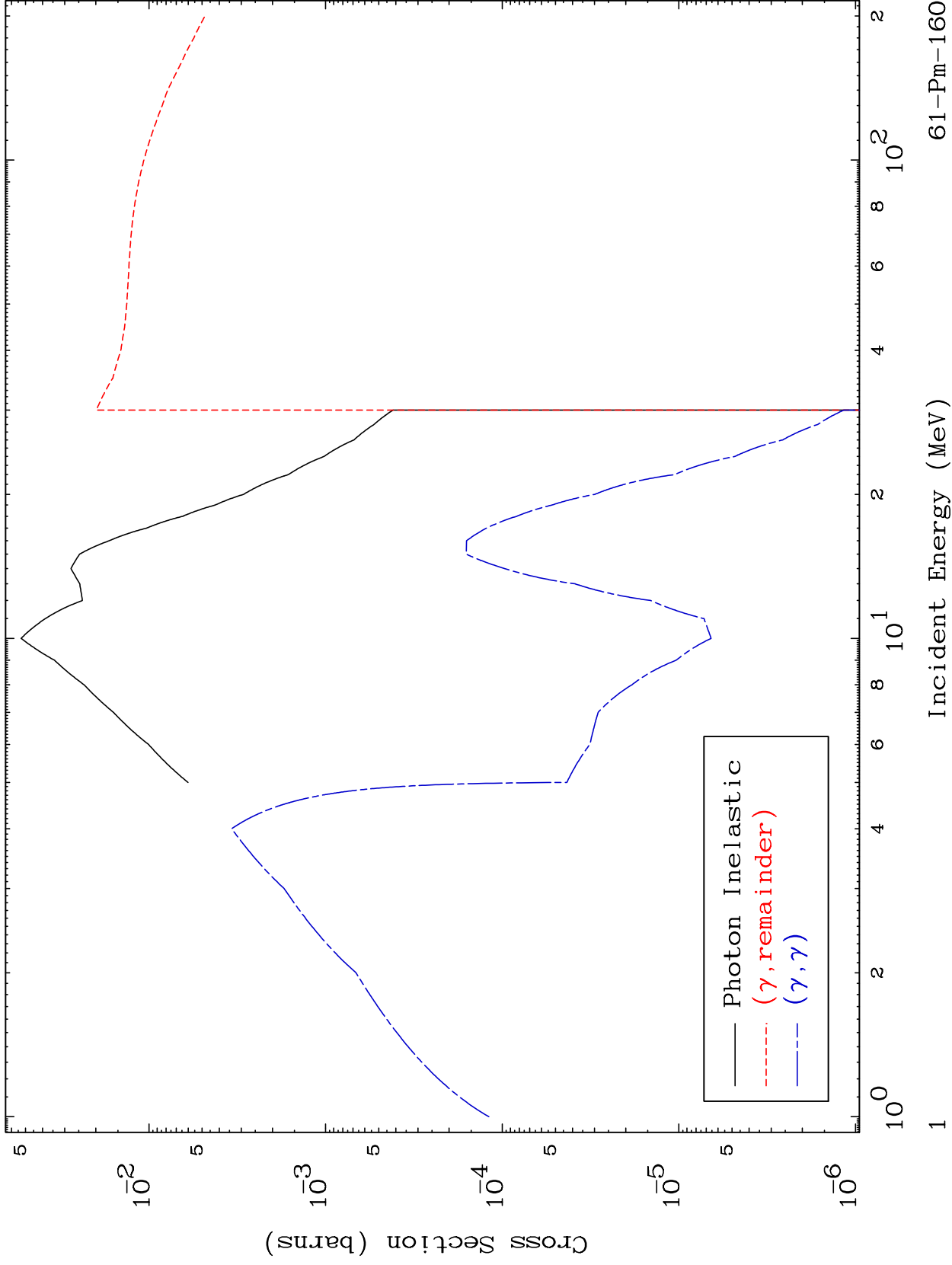
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6188

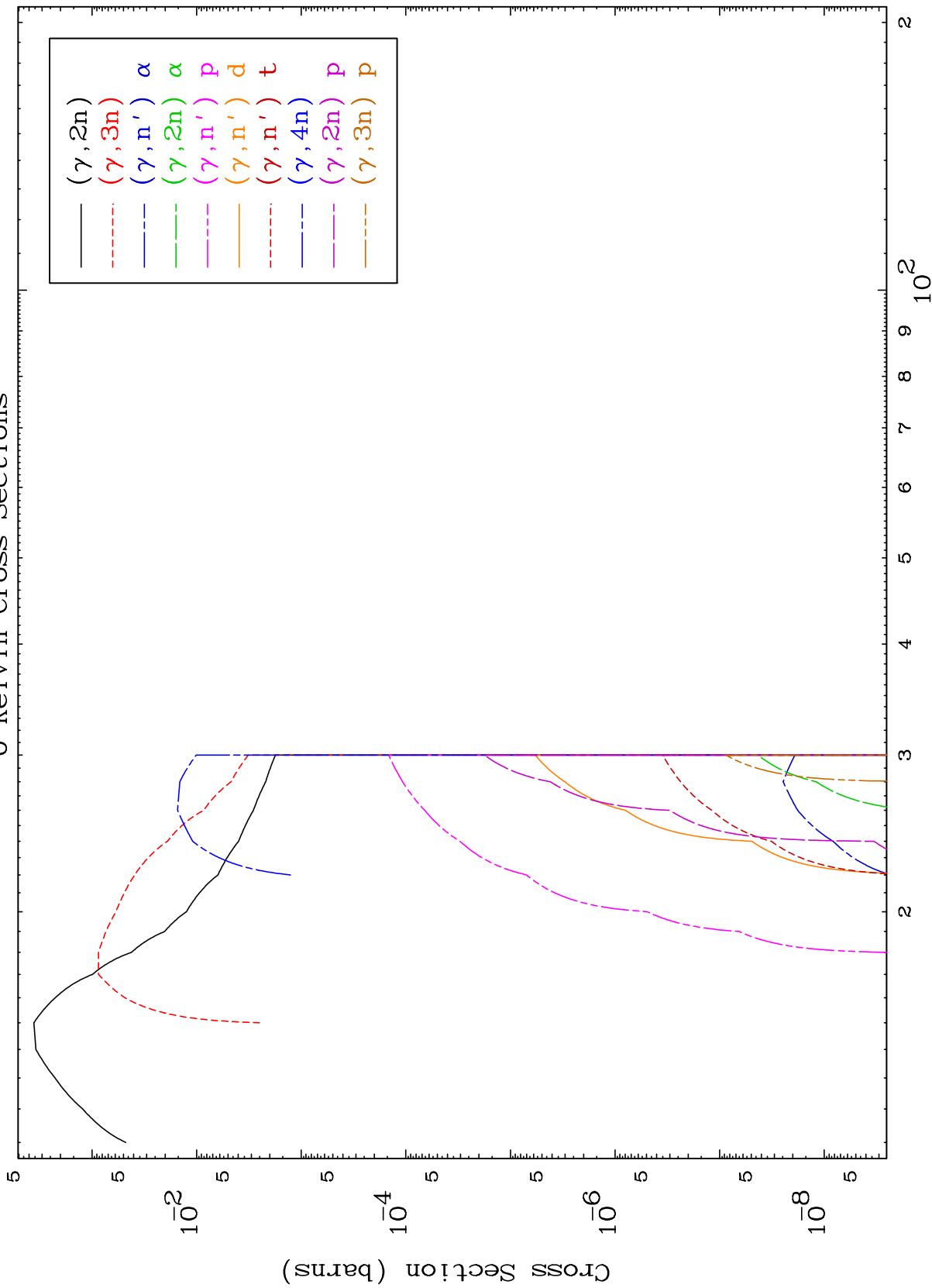
Photon Major  
0 Kelvin Cross Sections

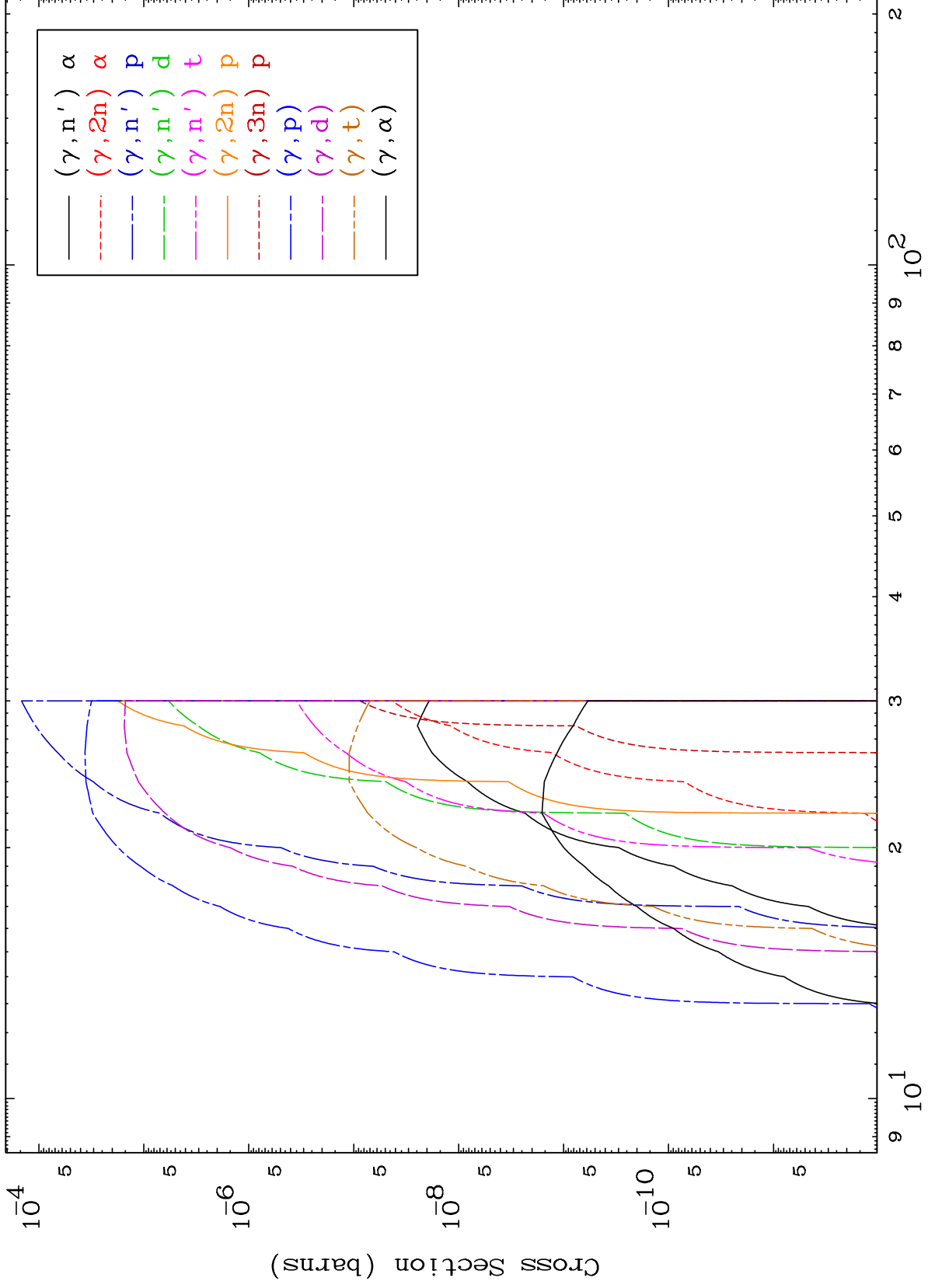
61-Pm-160



61-Pm-160

Incident Energy (MeV)



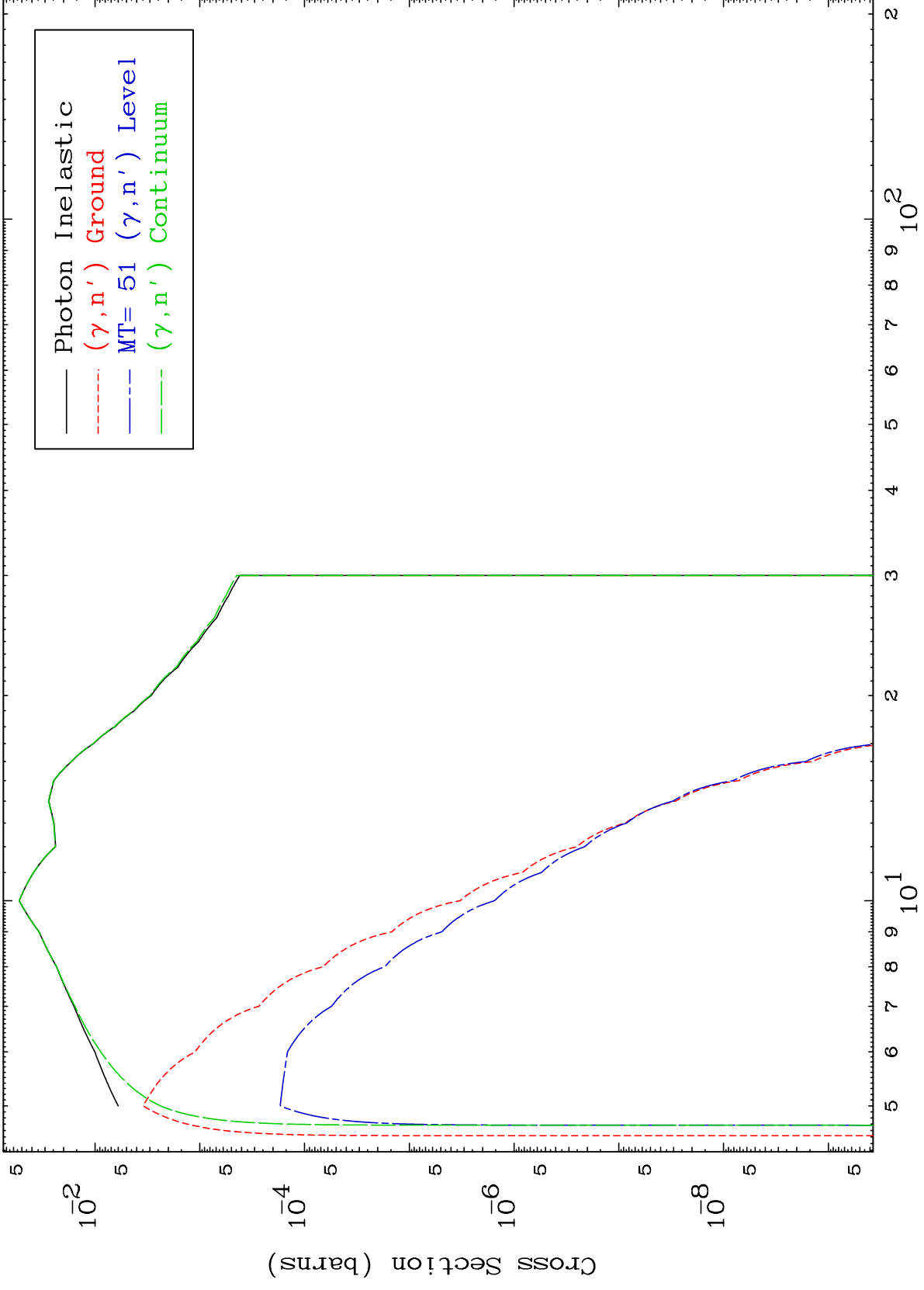


MAT 6188

( $\gamma, n'$ ) Level

61-Pm-160

0 Kelvin Cross Sections



4

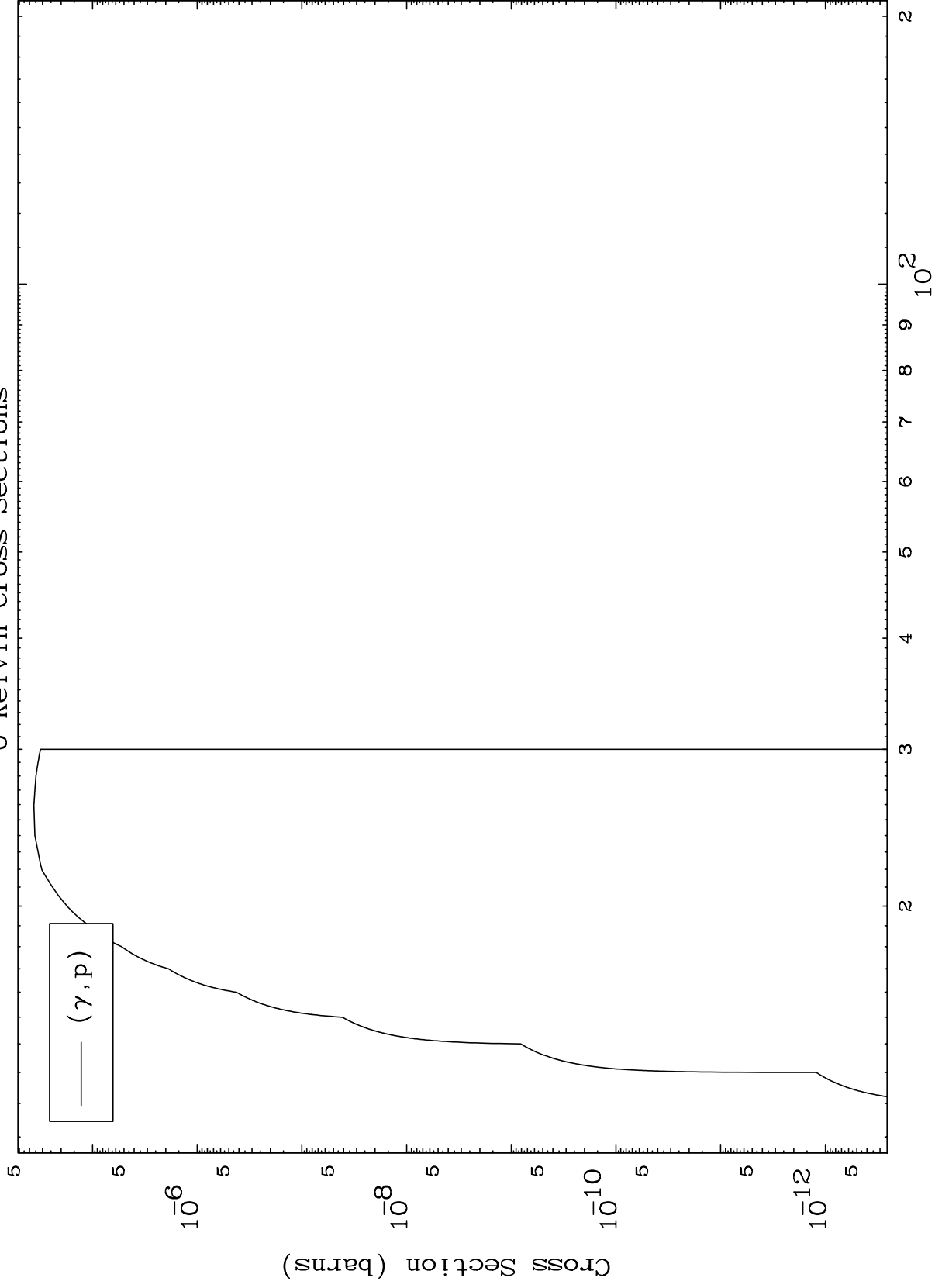
Incident Energy (MeV)

61-Pm-160

MAT 6188

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

61-Pm-160



5

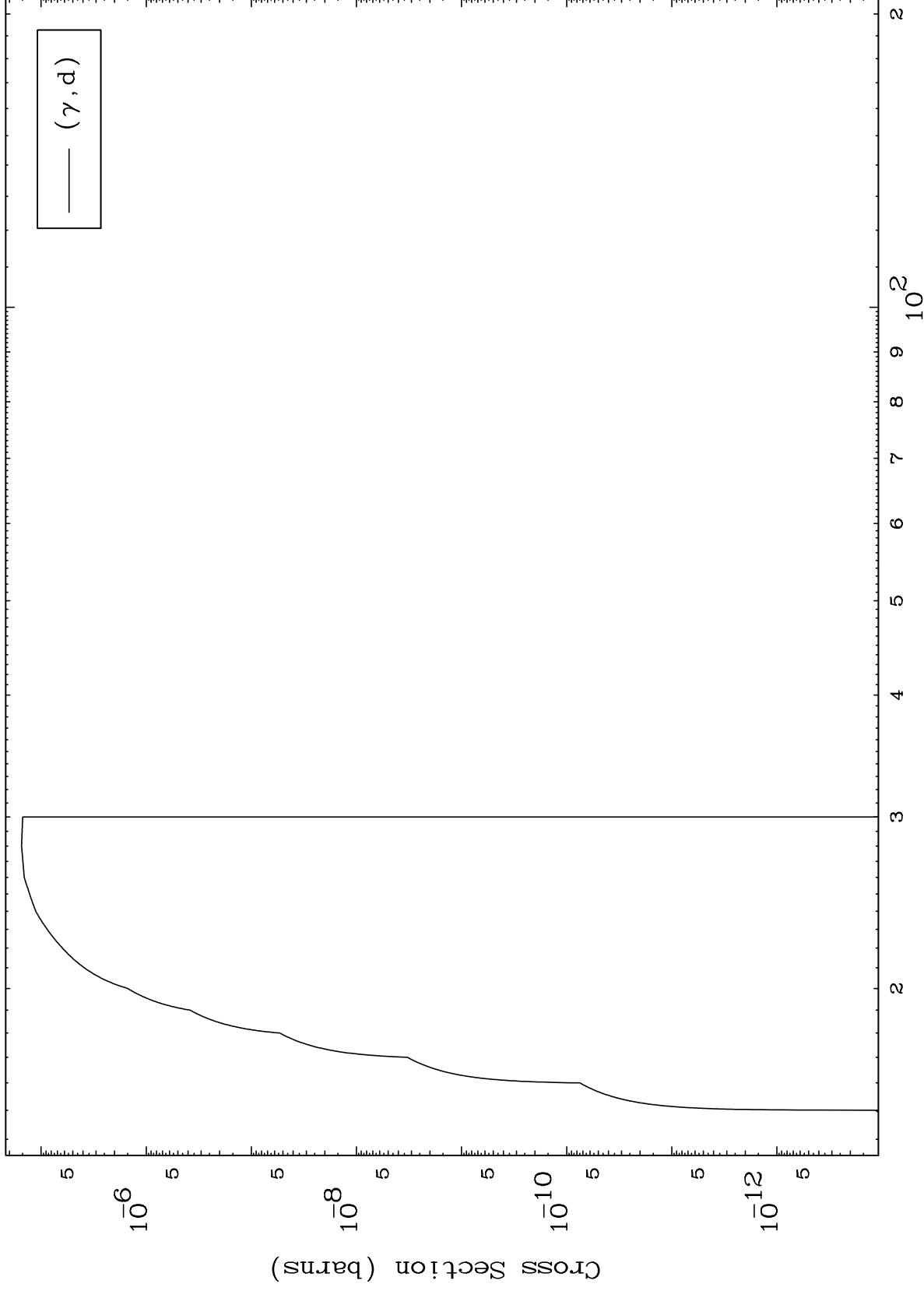
Incident Energy (MeV)

61-Pm-160

MAT 6188

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

61-Pm-160



6

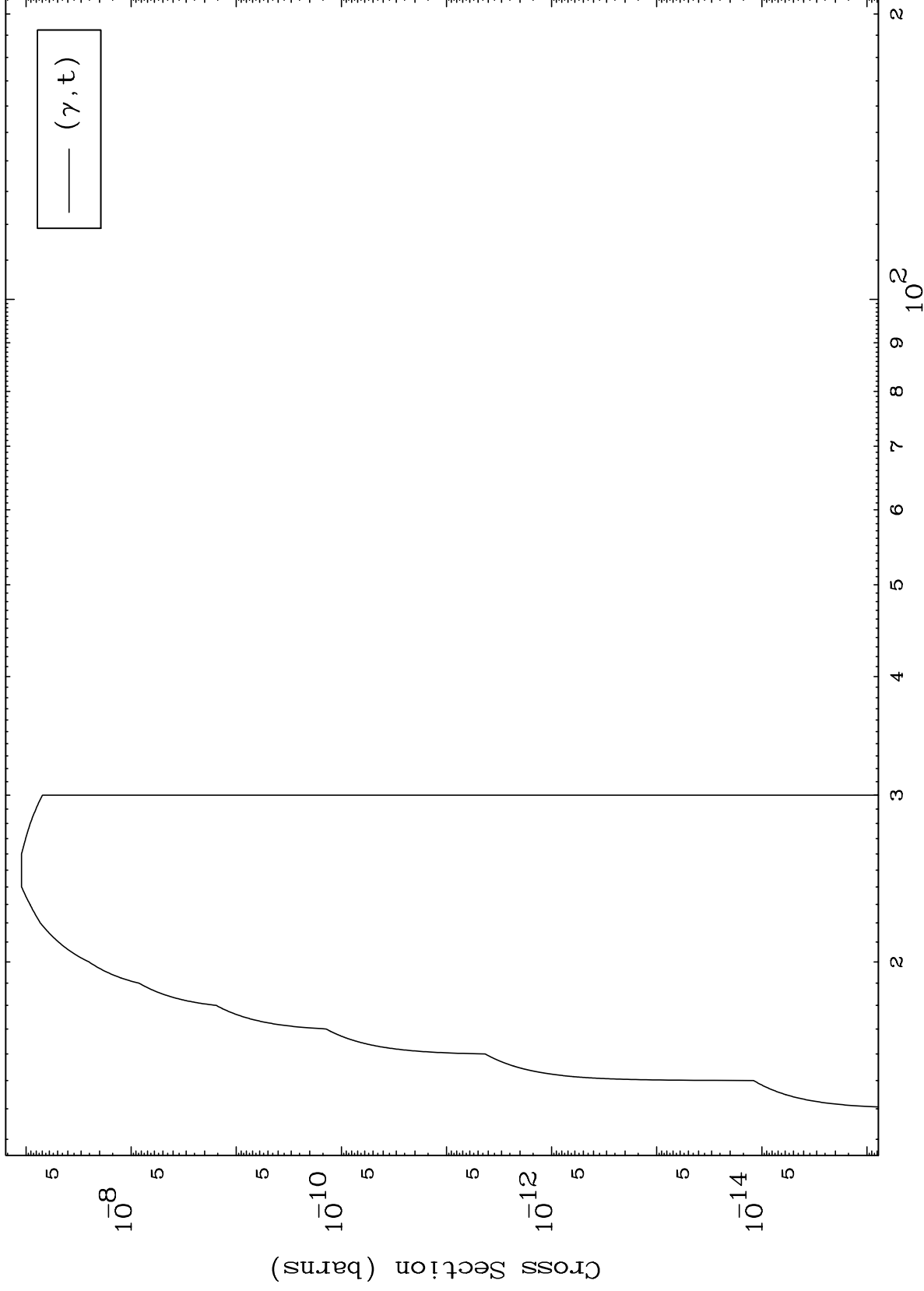
Incident Energy (MeV)

61-Pm-160

MAT 6188

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

61-Pm-160



7

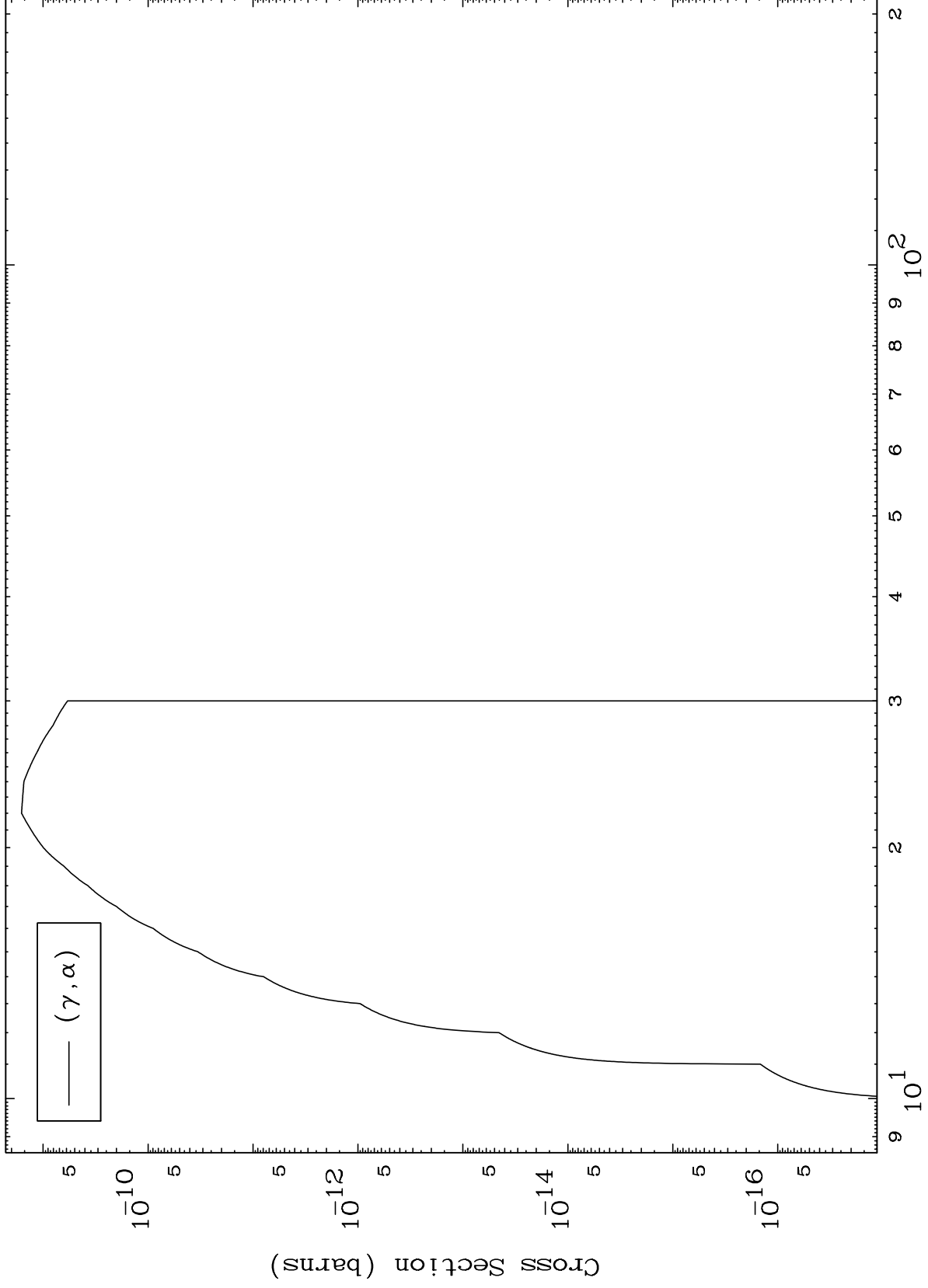
Incident Energy (MeV)

61-Pm-160

MAT 6188

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

61-Pm-160



Incident Energy (MeV)

61-Pm-160

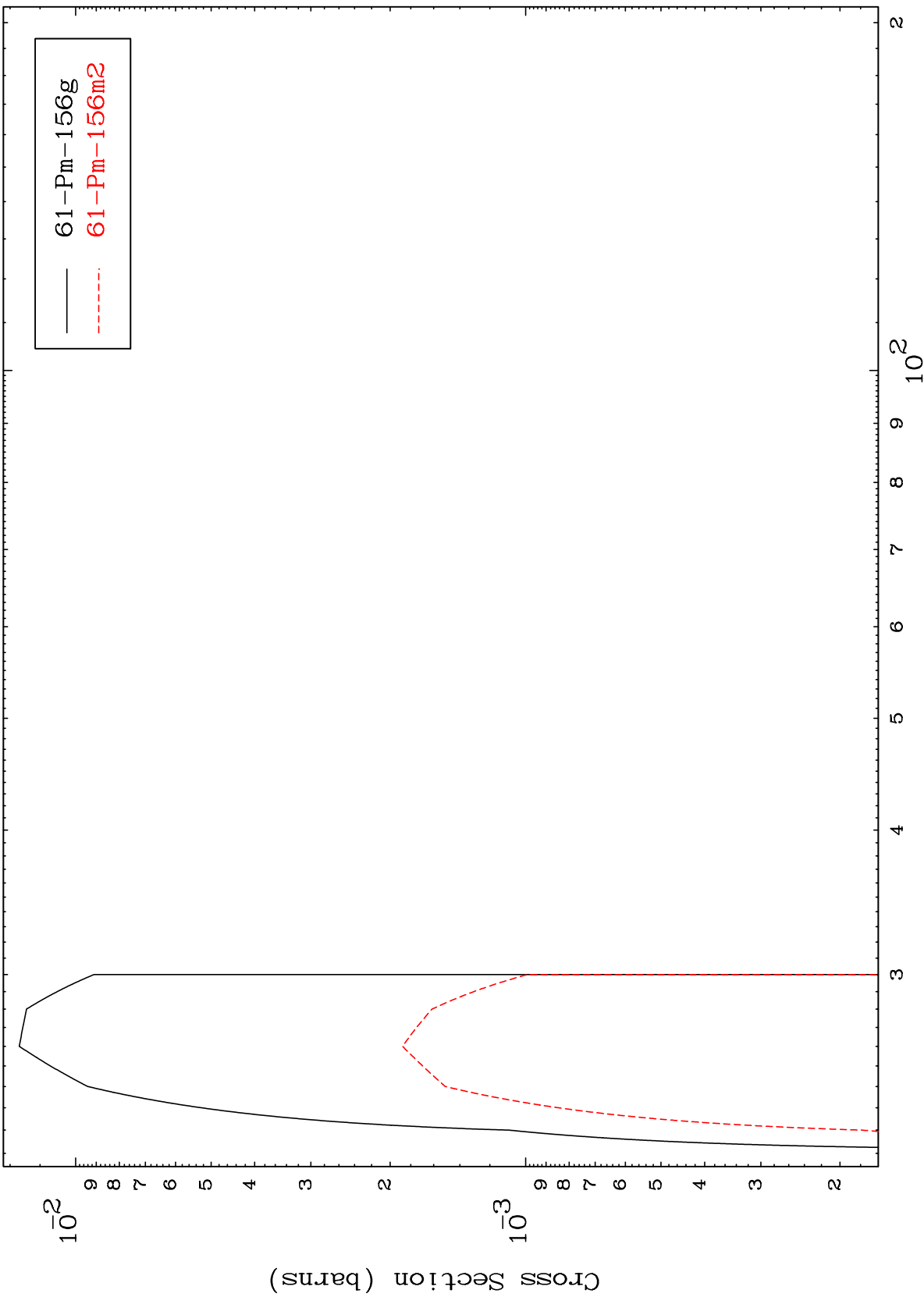
8

MAT 6188

61-Pm-160

( $\gamma, 4n$ )

Radionuclide Production Cross Section



$10^{-2}$

$10^{-3}$

$10^{-2}$

9

Incident Energy (MeV)

61-Pm-160