

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

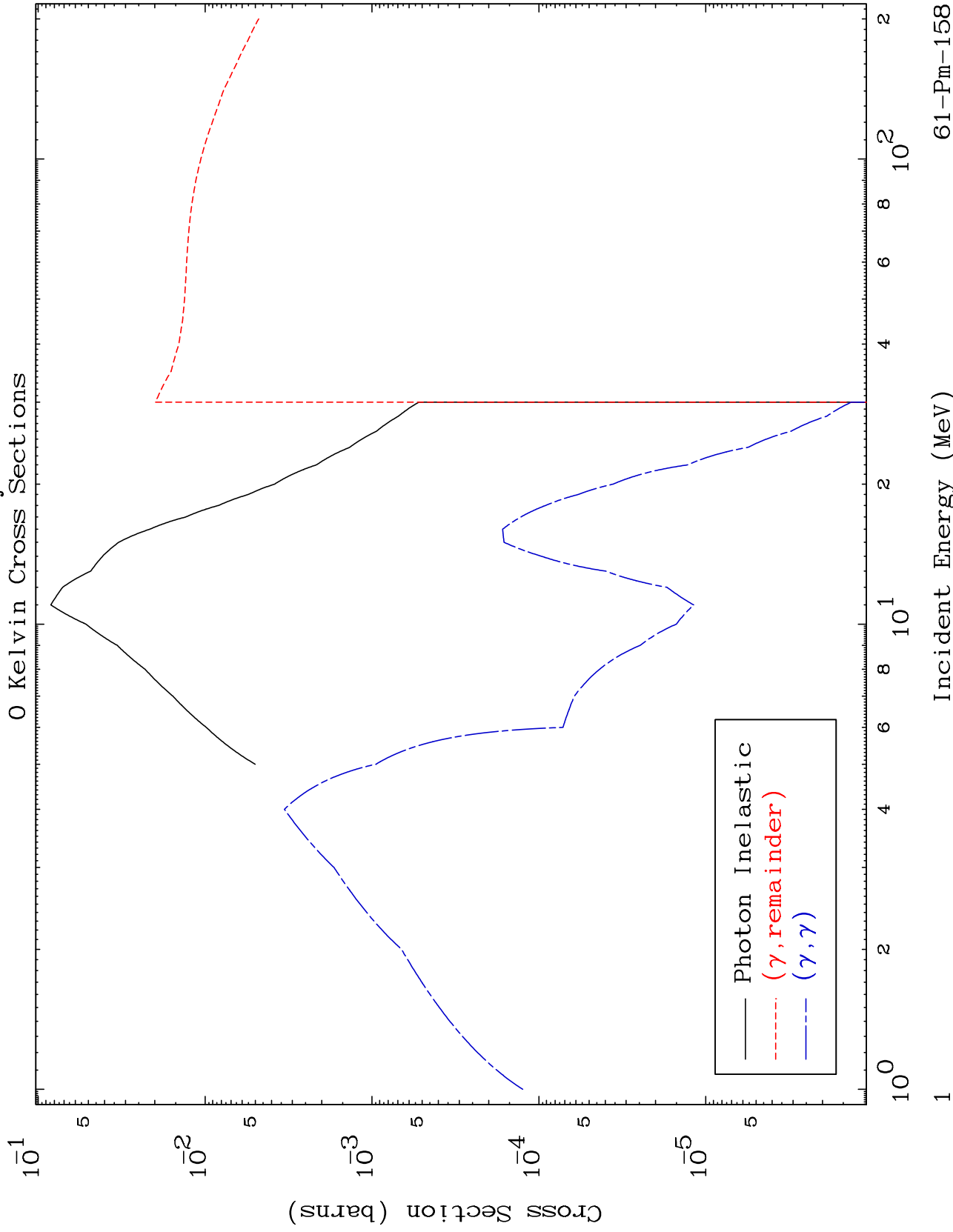
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

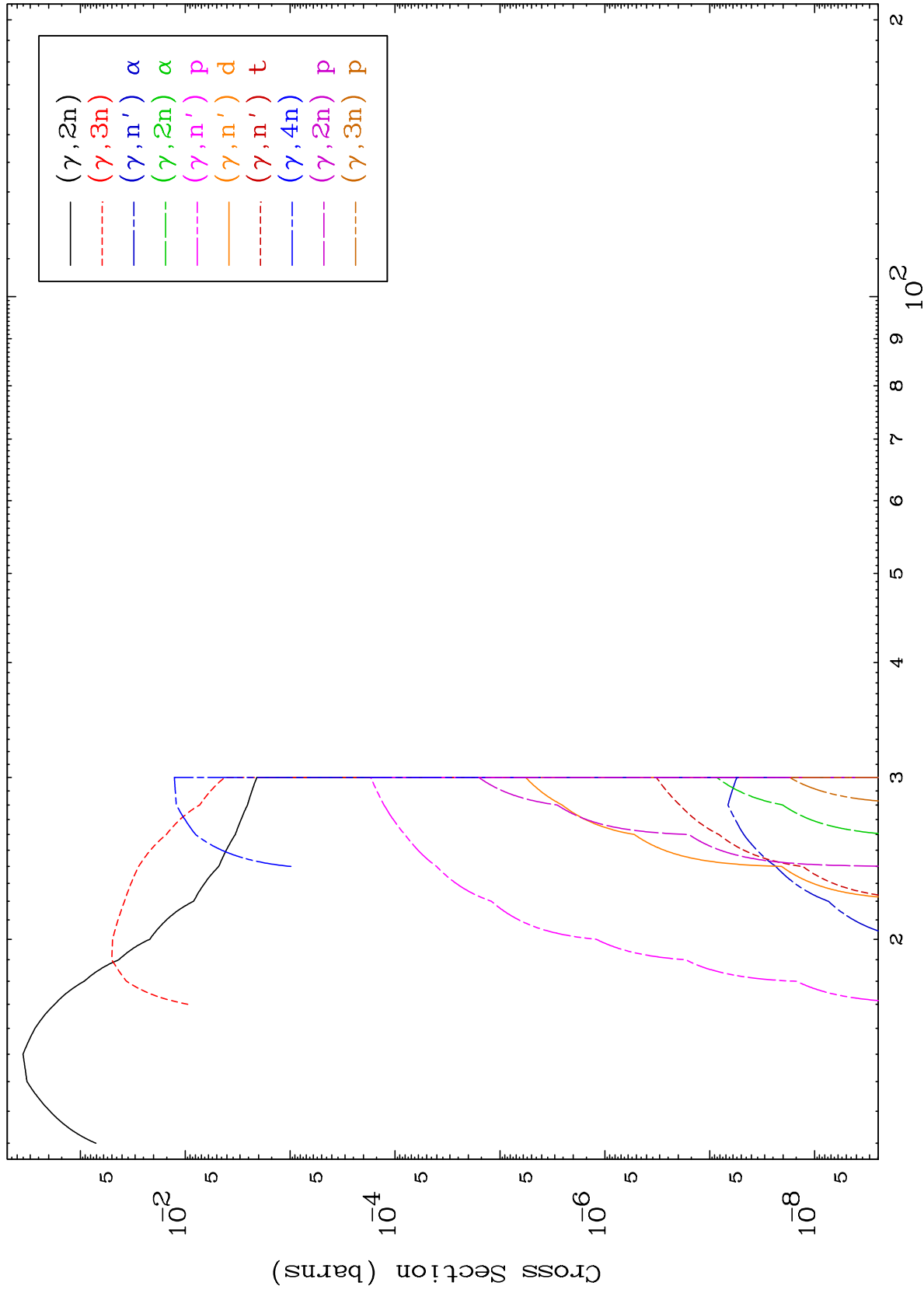
Press Mouse Button to Start

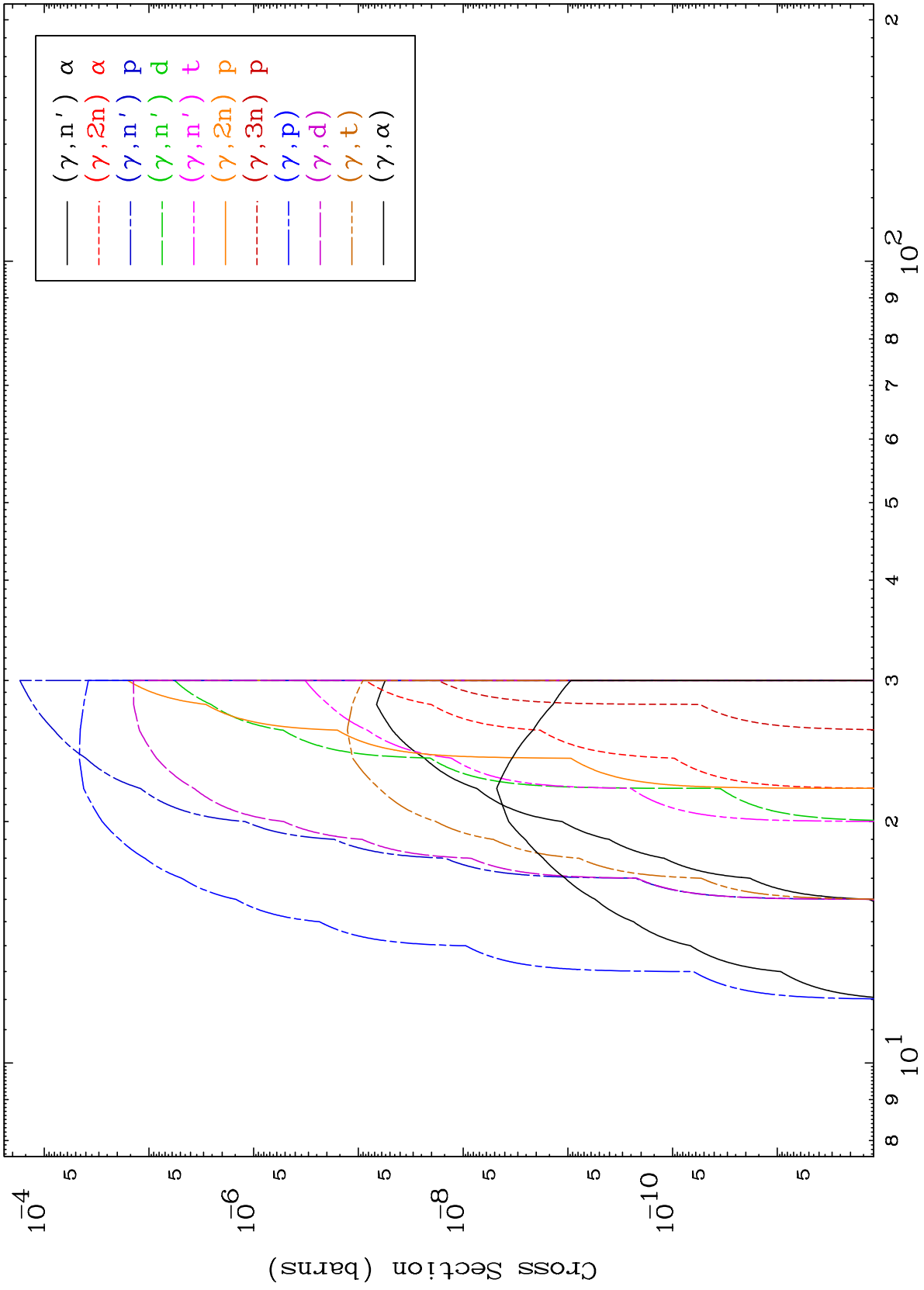
MAT 6182

Photon Major  
0 Kelvin Cross Sections

61-Pm-158



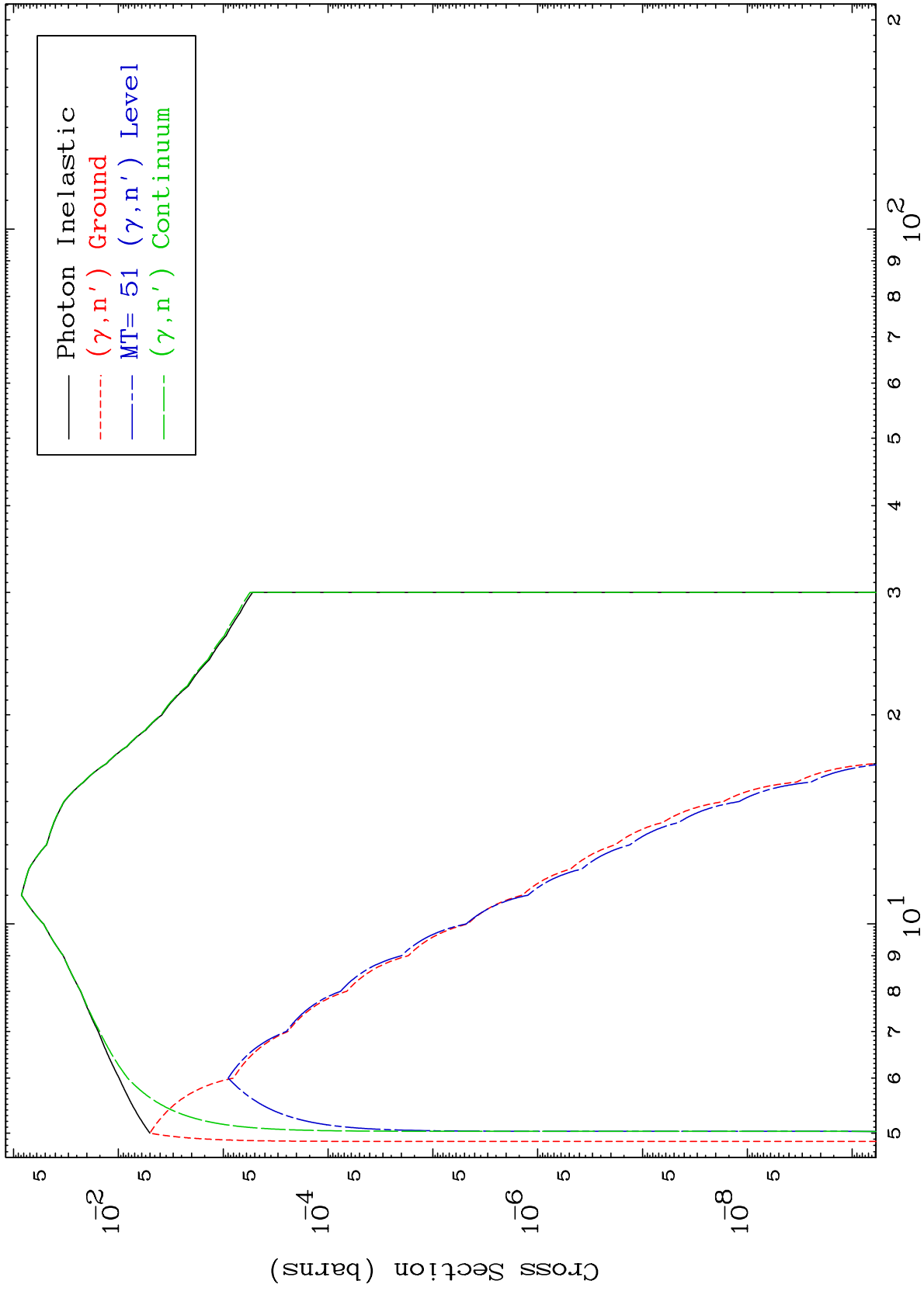




MAT 6182

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

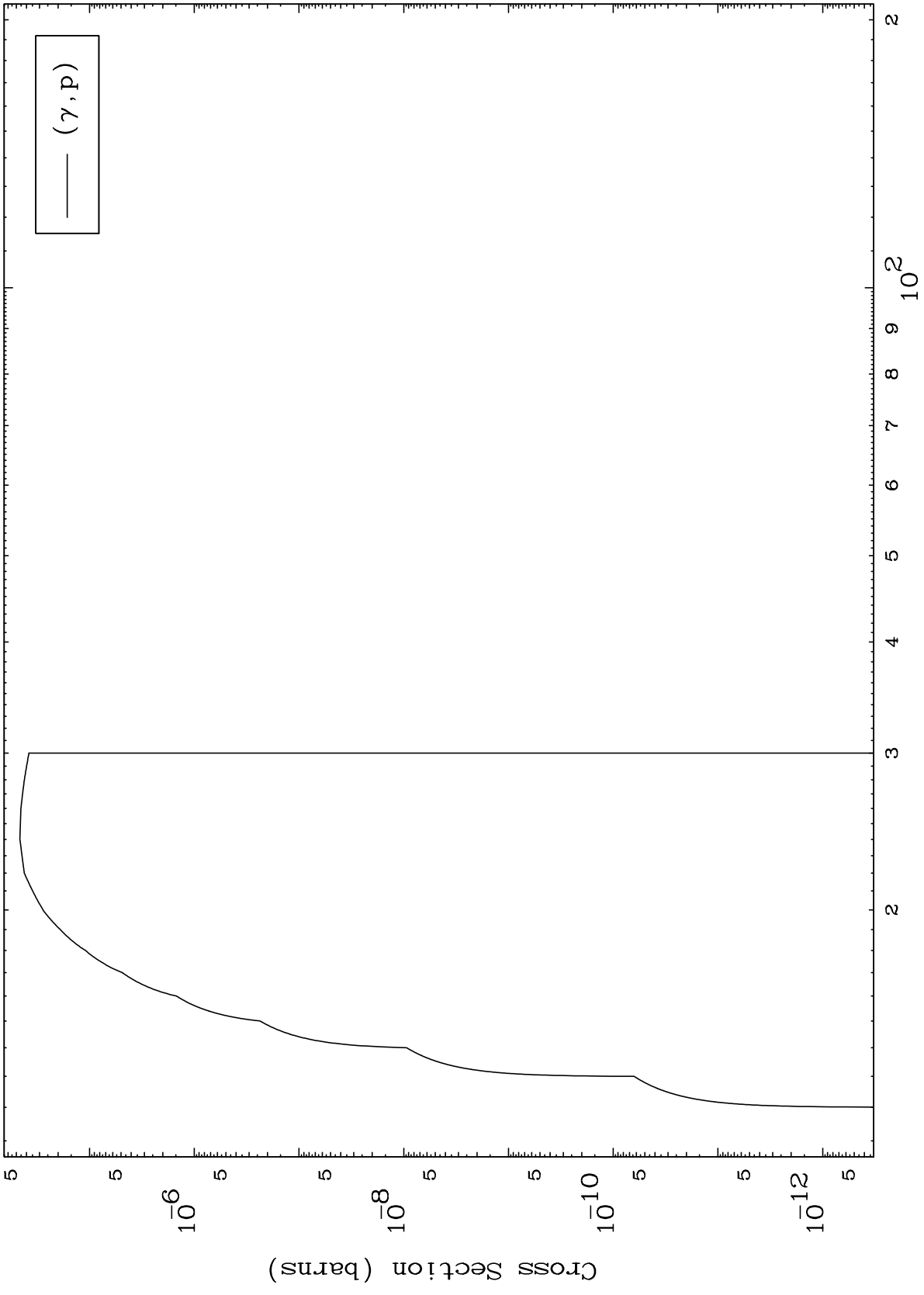
61-Pm-158



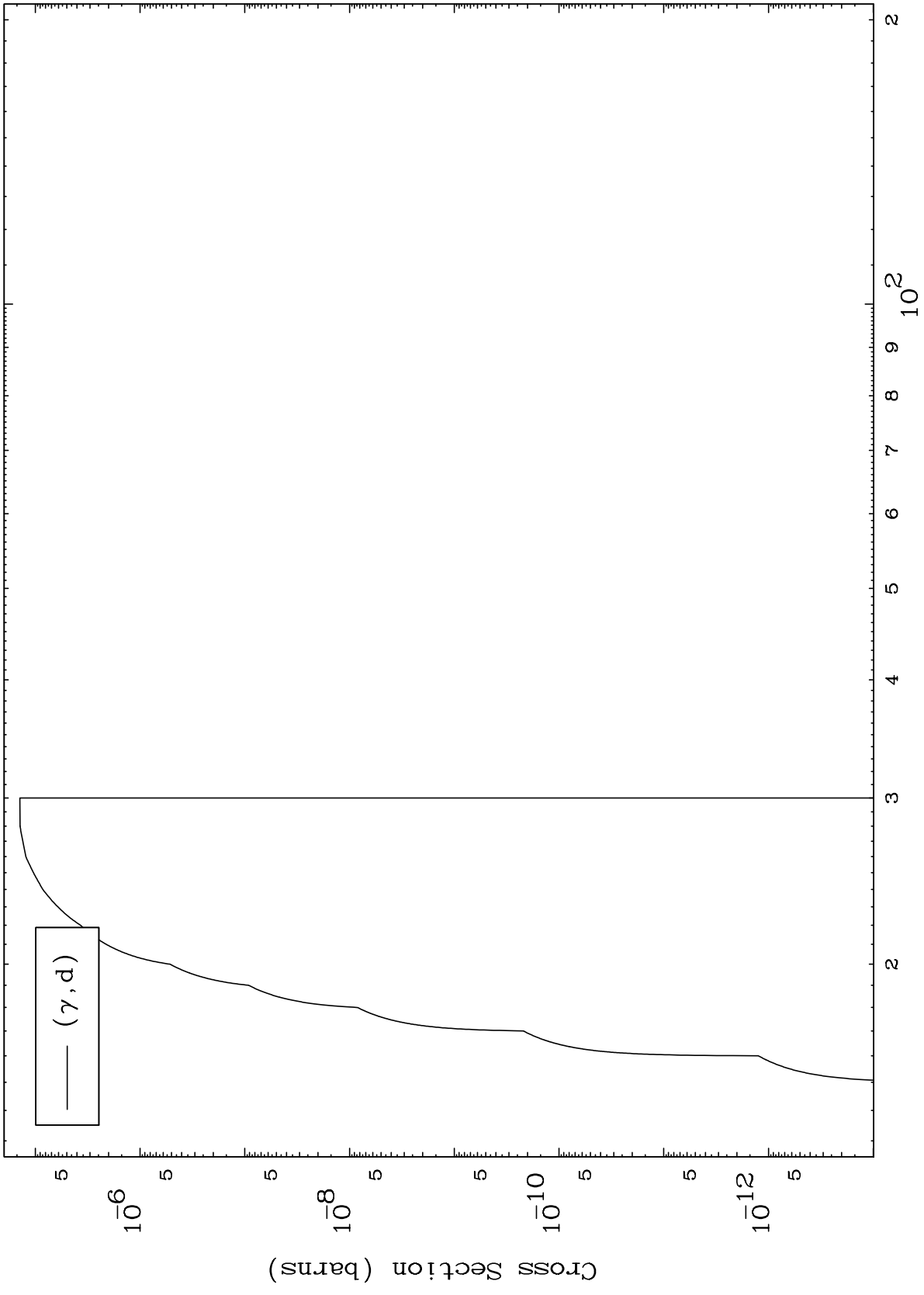
4

Incident Energy (MeV)

61-Pm-158



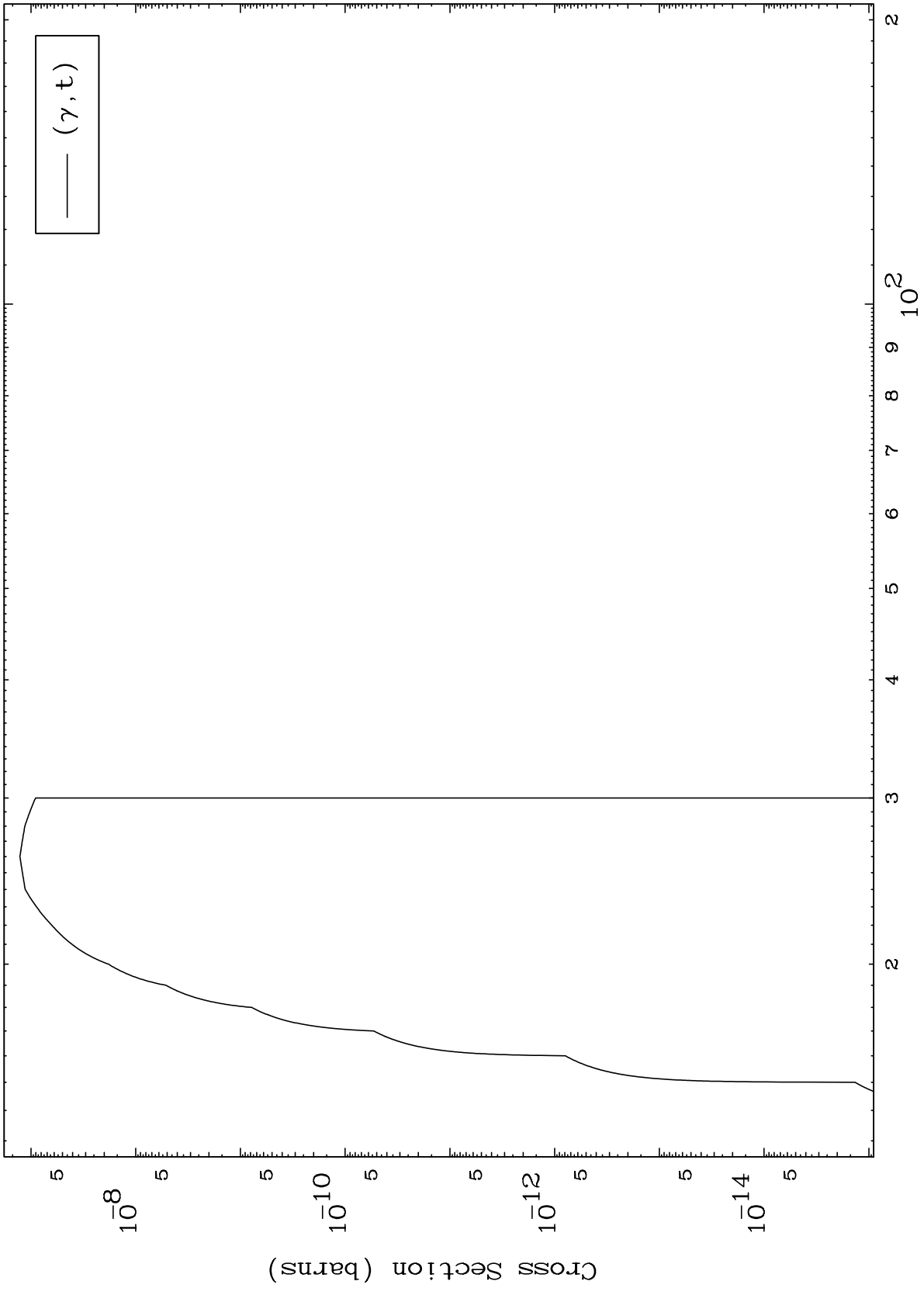
( $\gamma, p$ )



MAT 6182

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

61-Pm-158



7

Incident Energy (MeV)

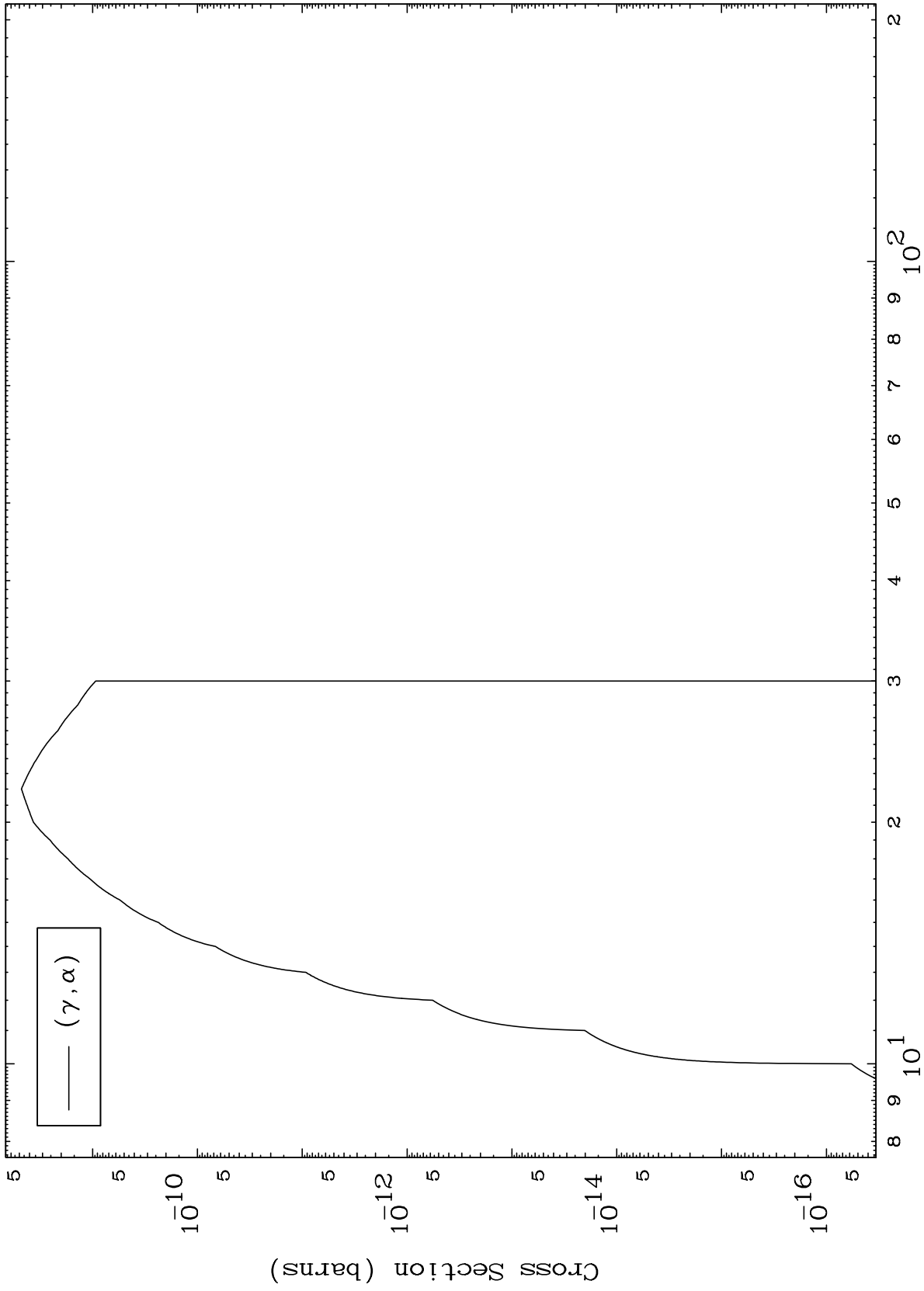
61-Pm-158



MAT 6182

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

61-Pm-158



8

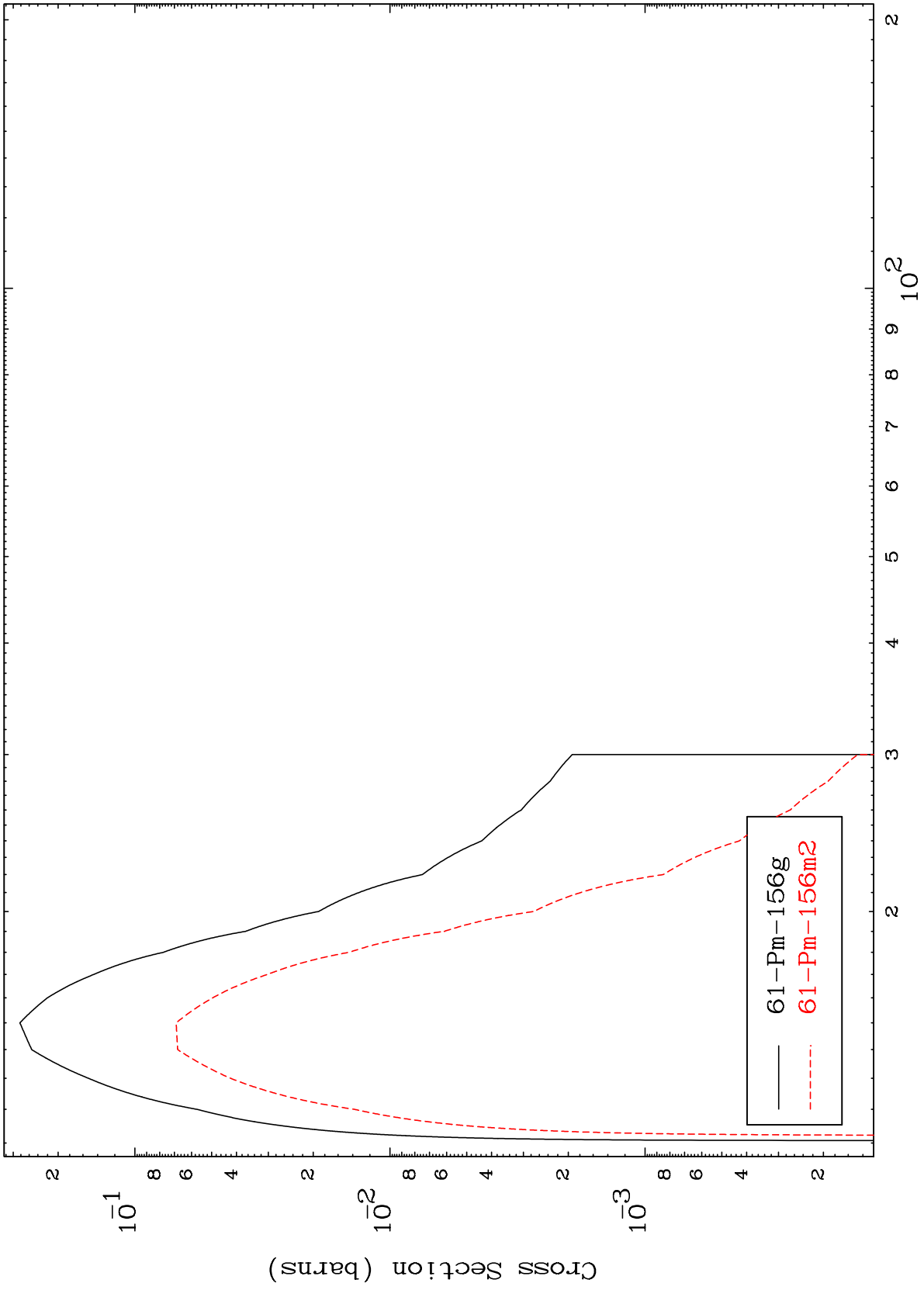
Incident Energy (MeV)

61-Pm-158

MAT 6182

61-Pm-158

Radionuclide Production Cross Section  
( $\gamma, 2n$ )



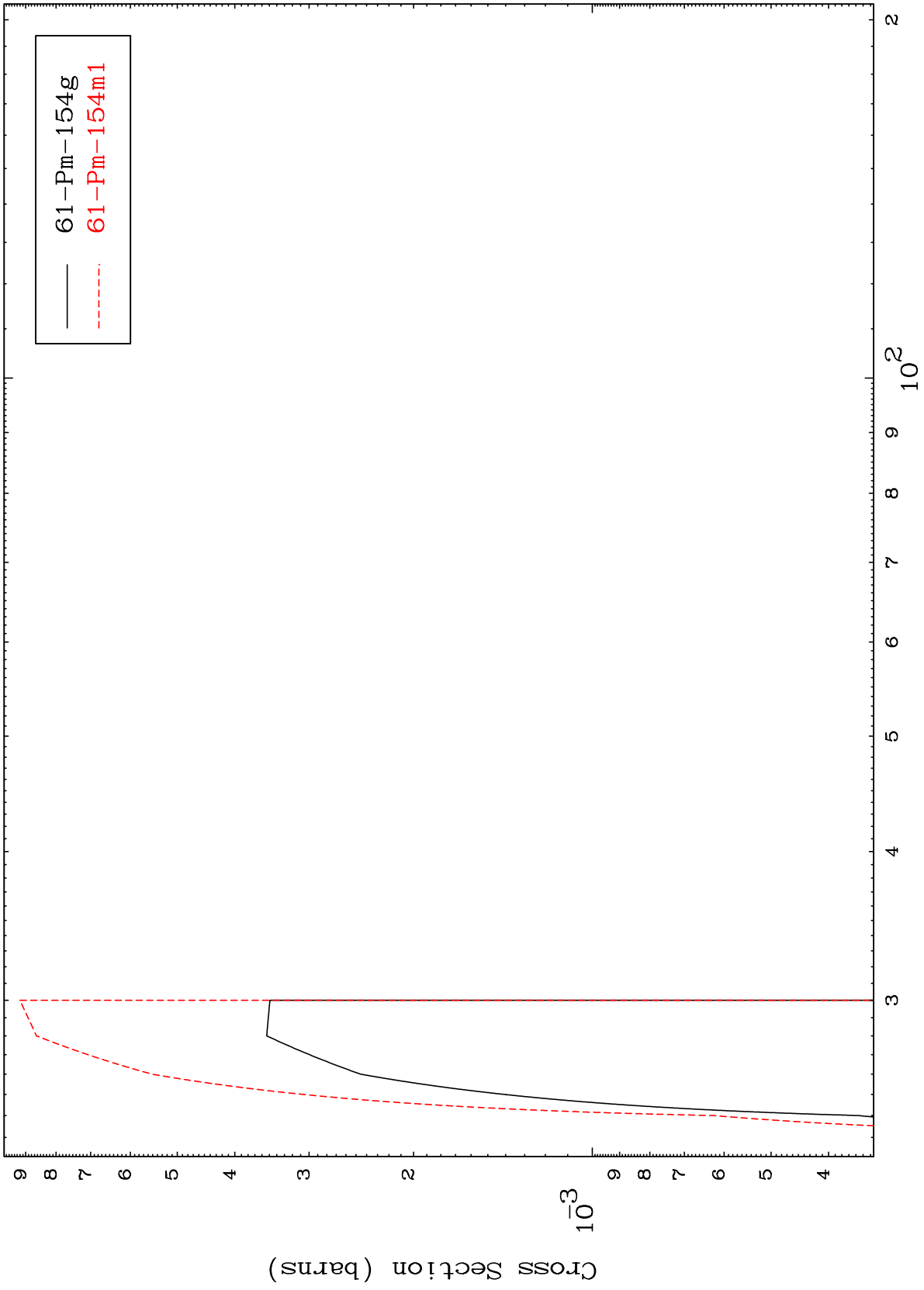
9

61-Pm-158

MAT 6182

61-Pm-158

( $\gamma, 4n$ )  
Radionuclide Production Cross Section



10

Incident Energy (MeV)

61-Pm-158