

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

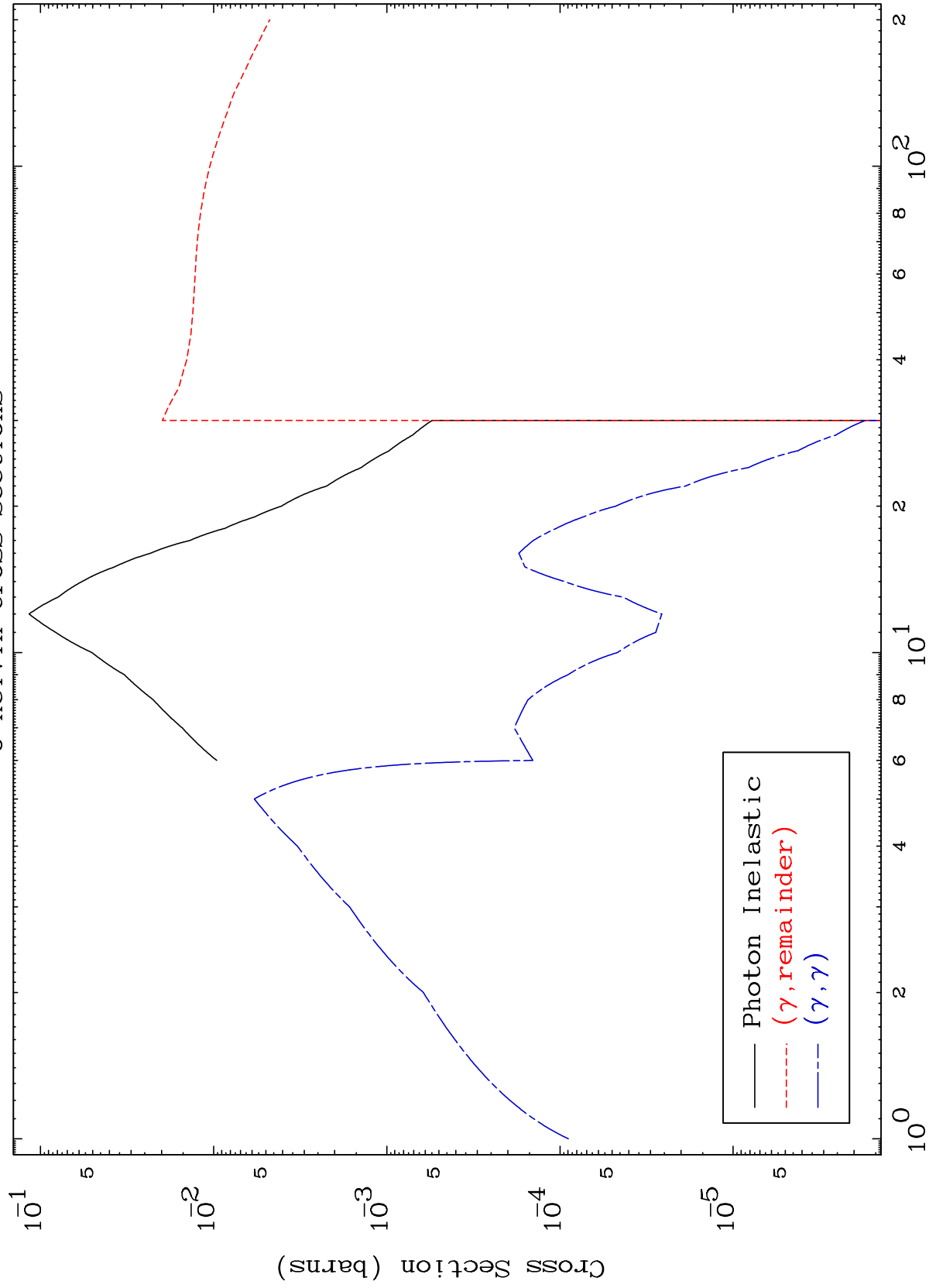
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

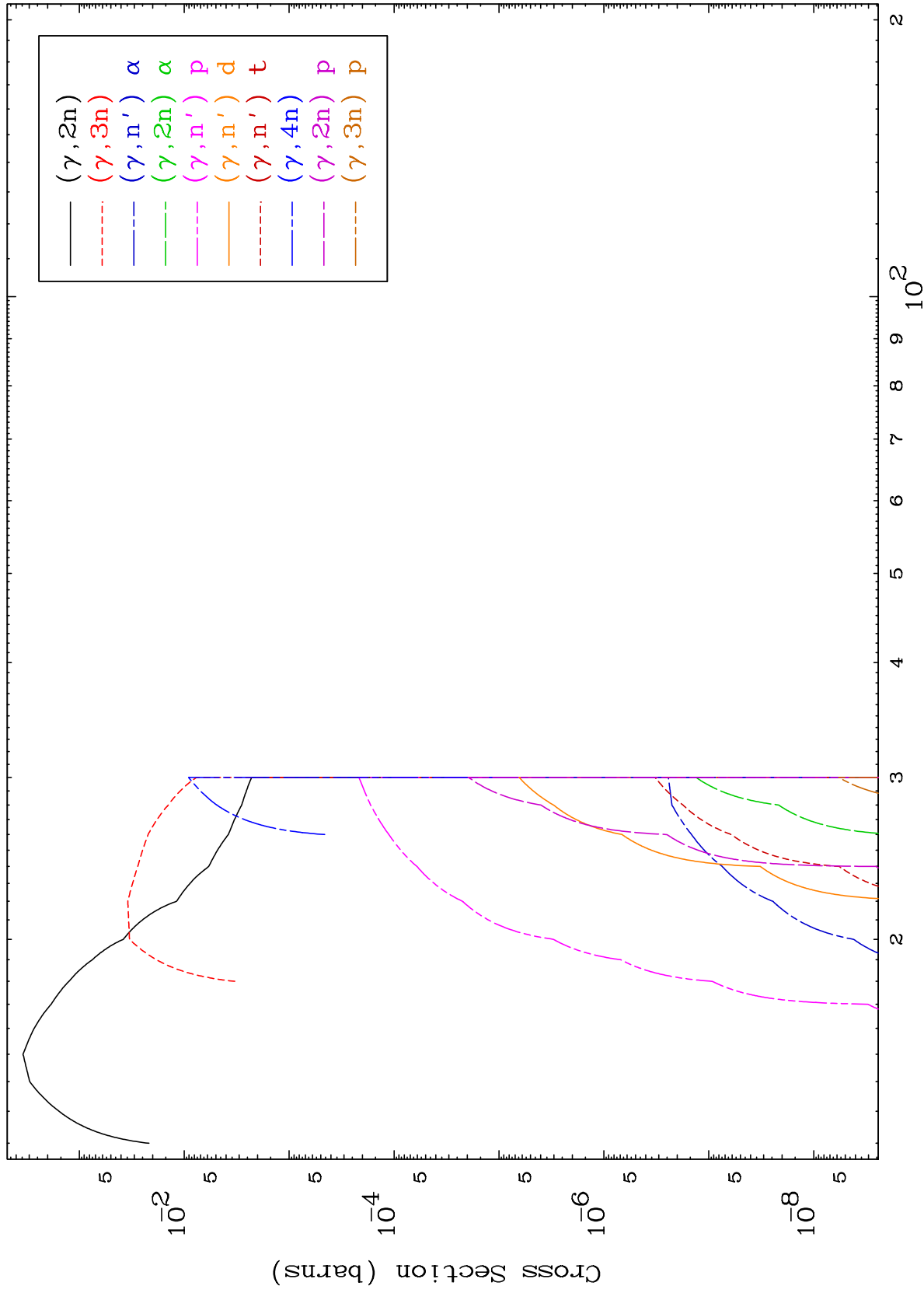
MAT 6177

Photon Major  
0 Kelvin Cross Sections

61-Pm-156



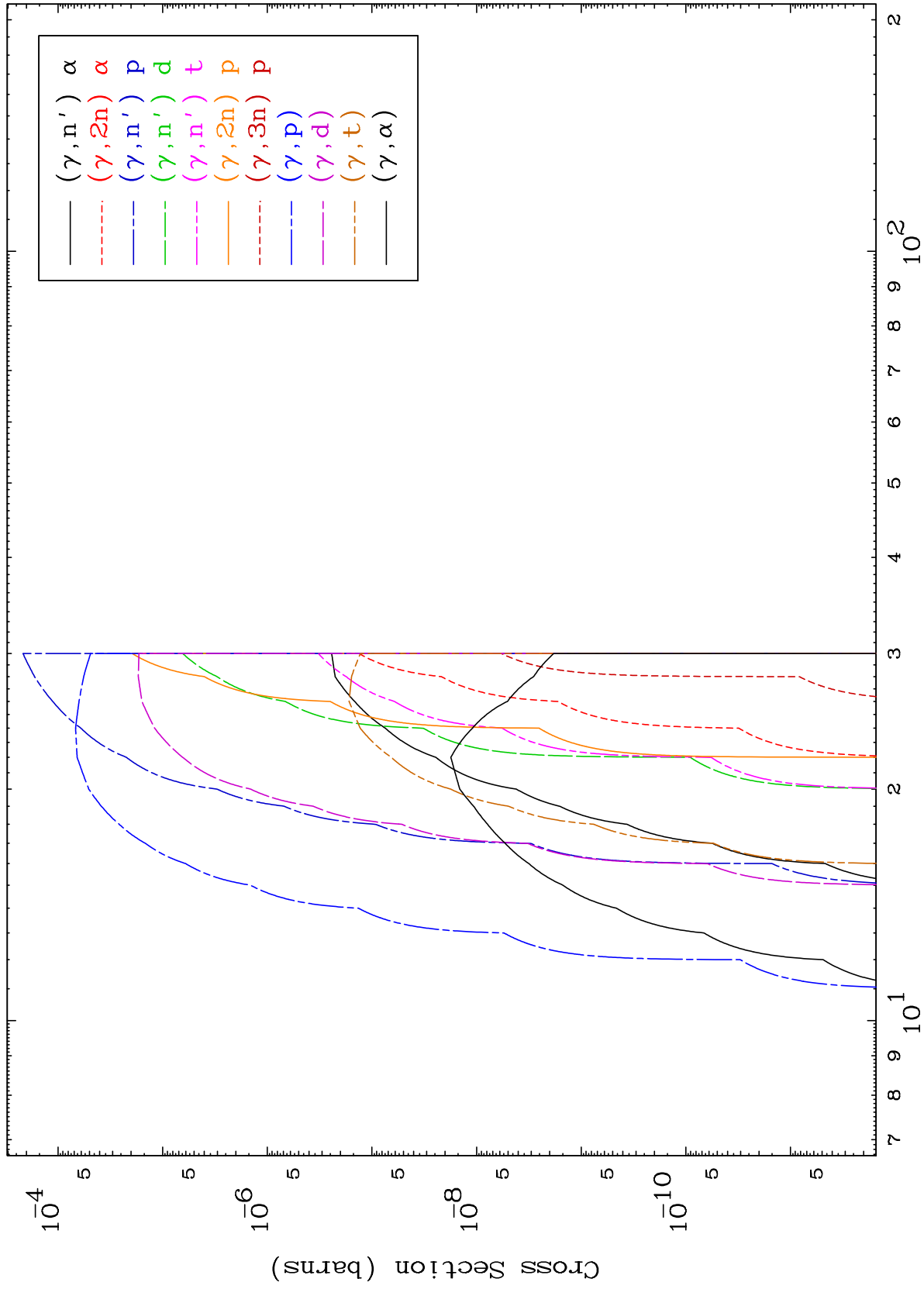
61-Pm-156



MAT 6177

Photon Charged Particle  
0 Kelvin Cross Sections

61-Pm-156



3

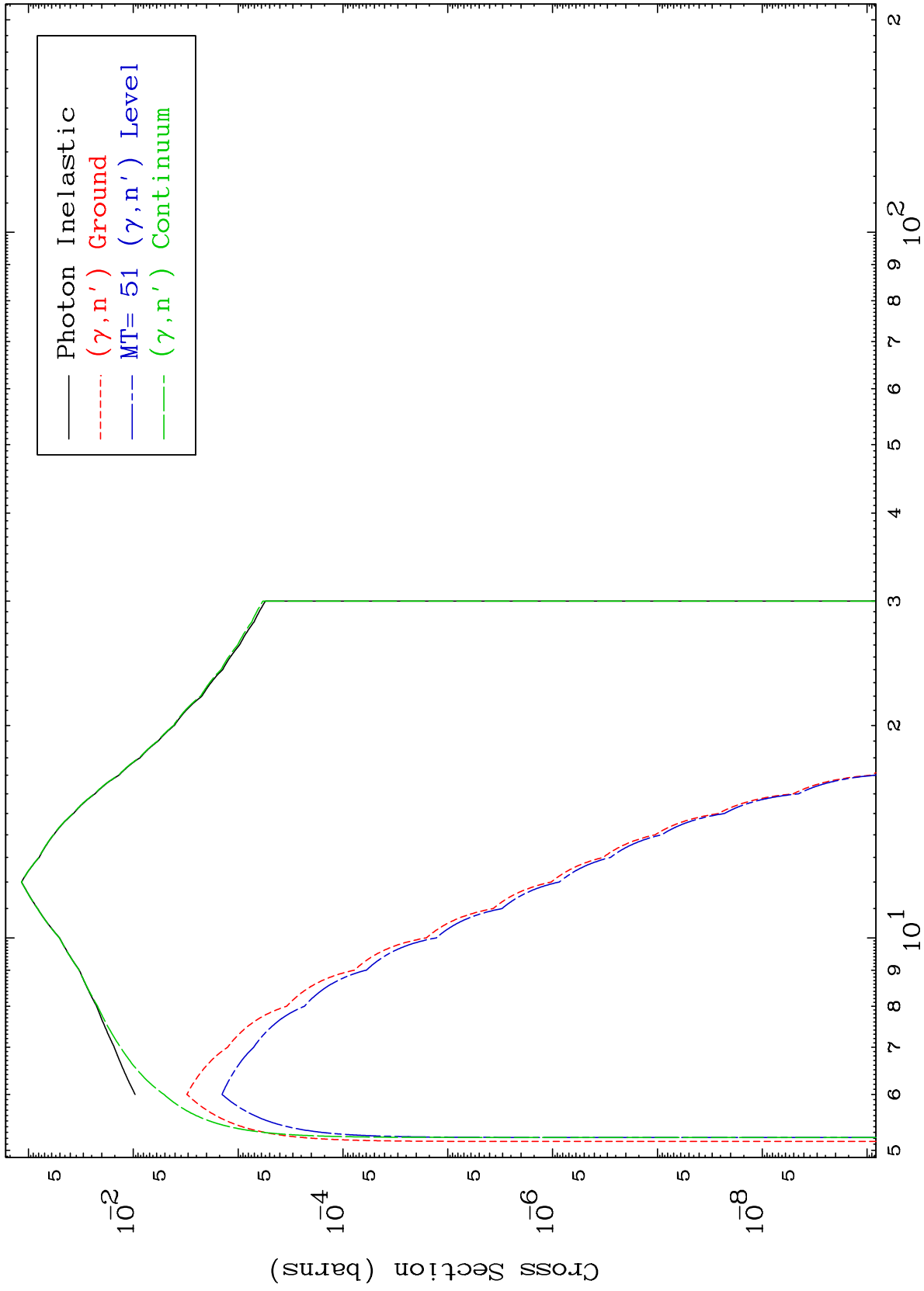
Incident Energy (MeV)

61-Pm-156

MAT 6177

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

61-Pm-156



4

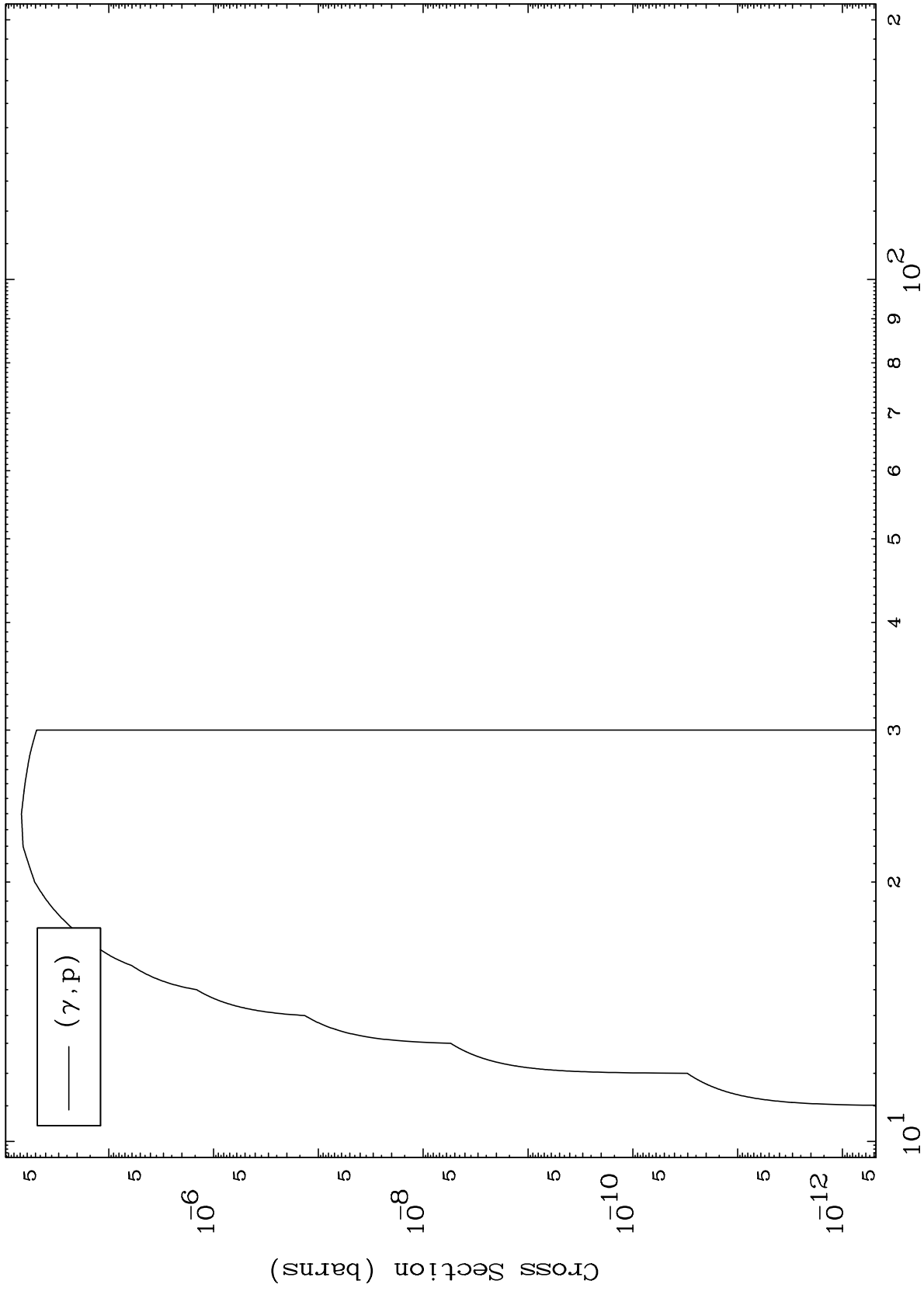
Incident Energy (MeV)

61-Pm-156

MAT 6177

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

61-Pm-156



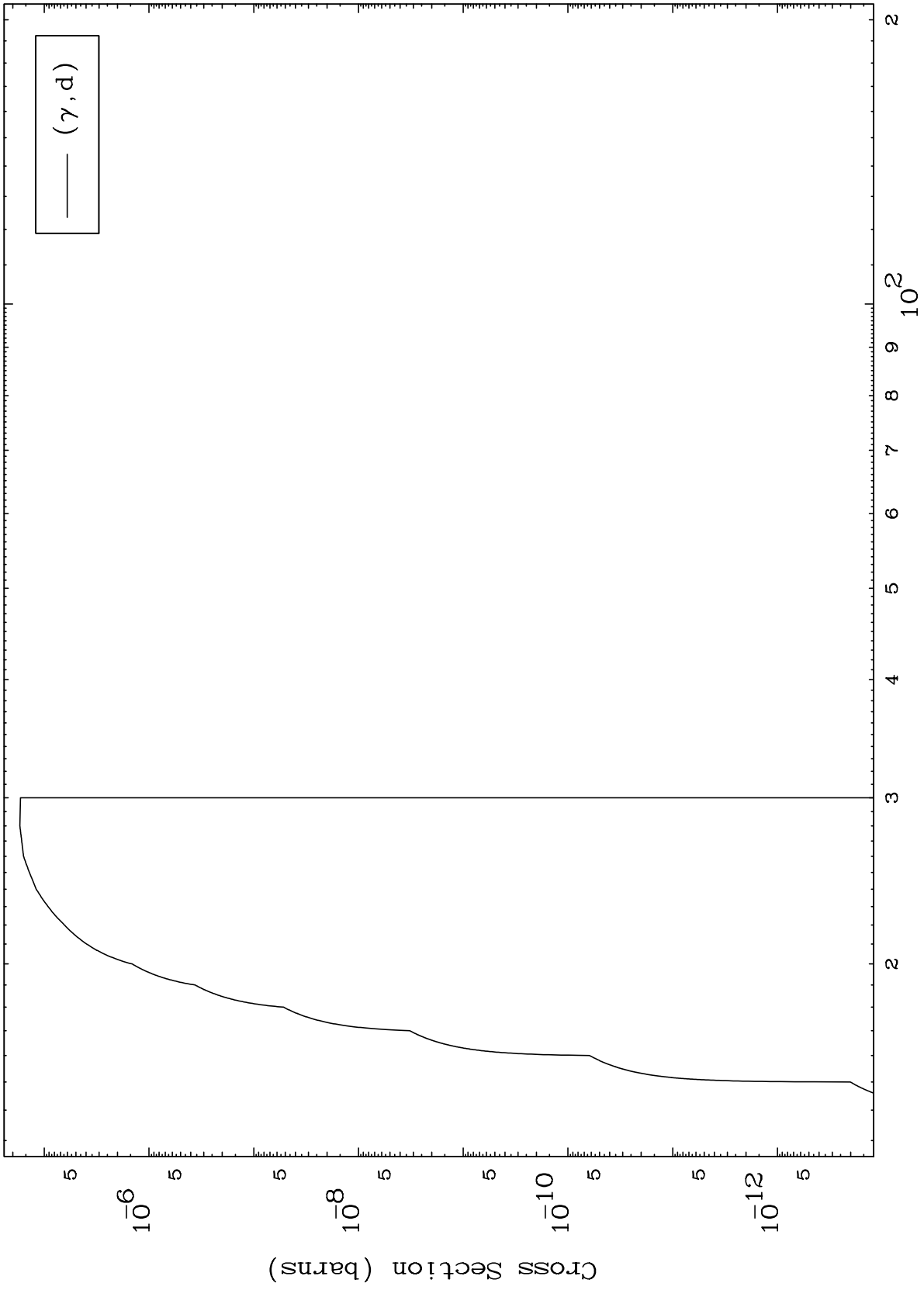
Incident Energy (MeV)

61-Pm-156

MAT 6177

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

61-Pm-156



6

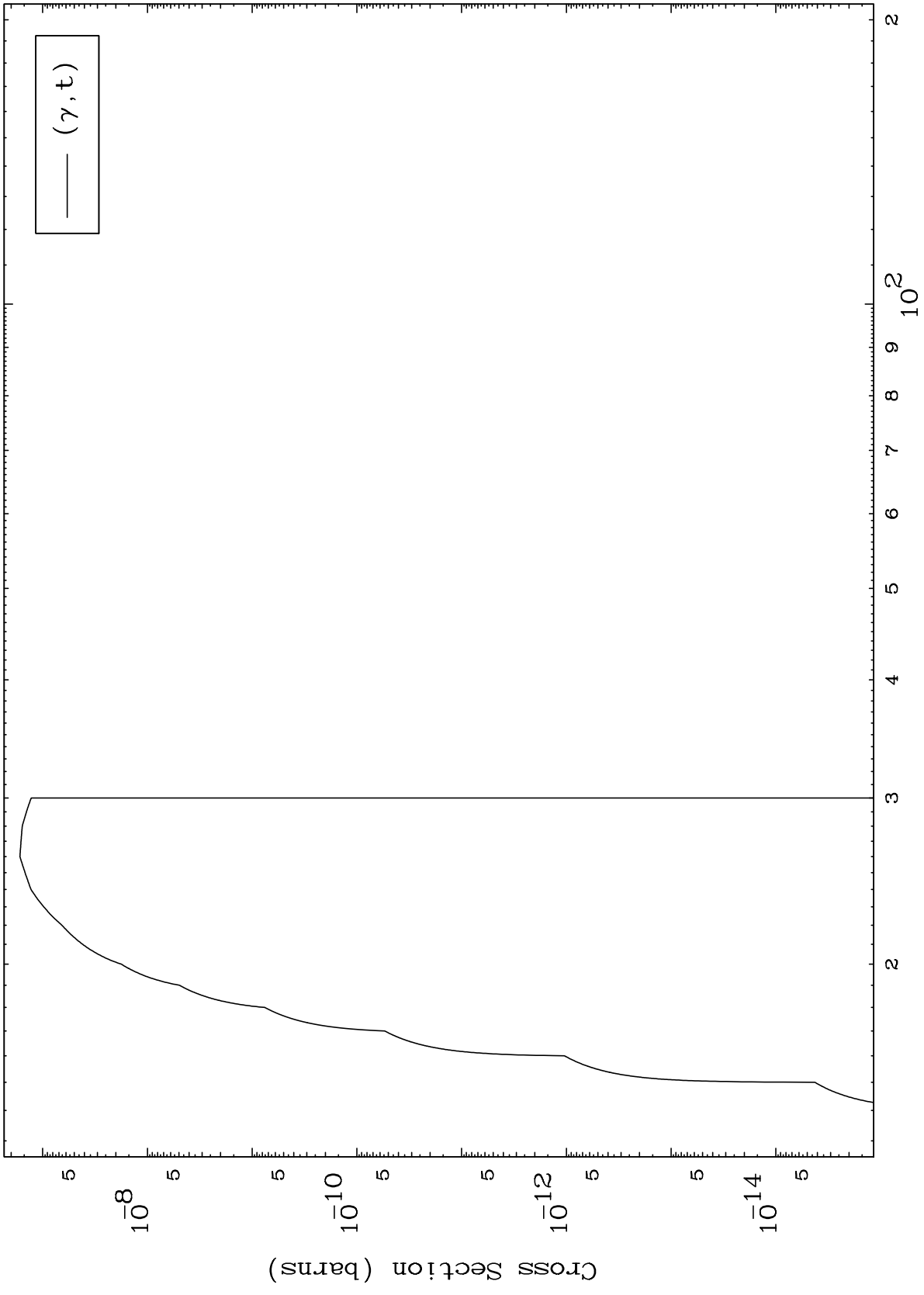
Incident Energy (MeV)

61-Pm-156

MAT 6177

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

61-Pm-156



7

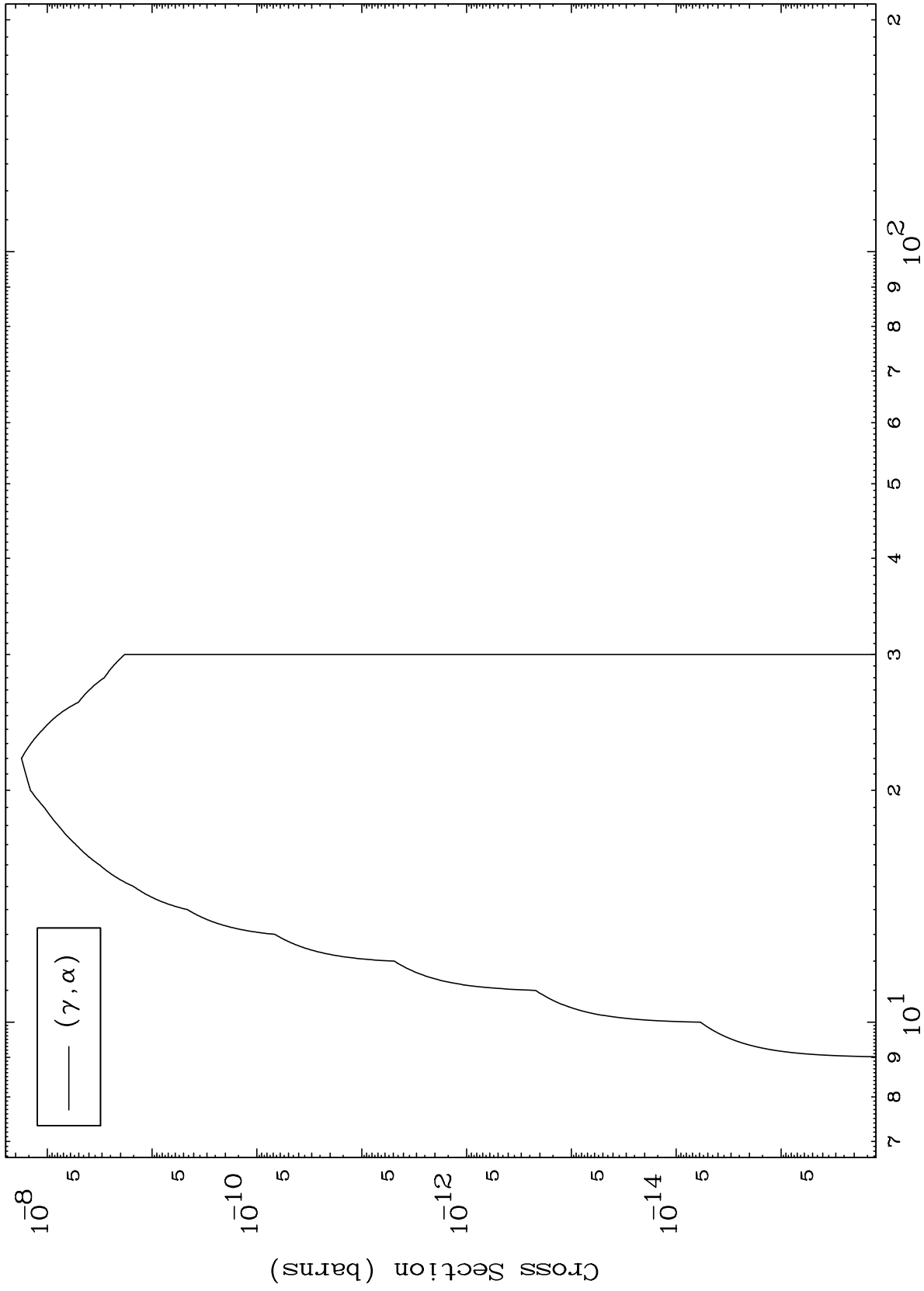
Incident Energy (MeV)

61-Pm-156

MAT 6177

61-Pm-156

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



8

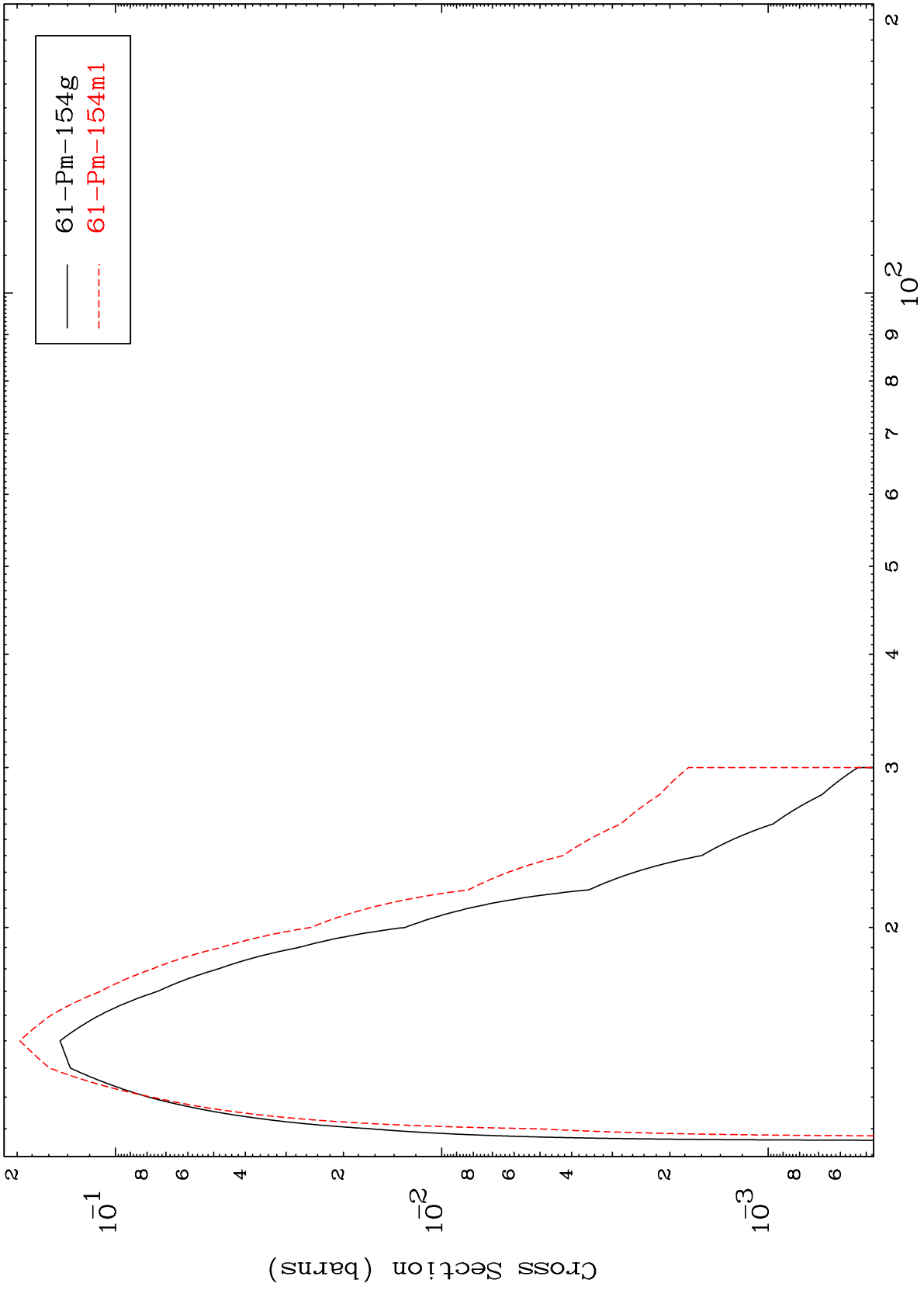
Incident Energy (MeV)

61-Pm-156

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61-Pm-156

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



61-Pm-156

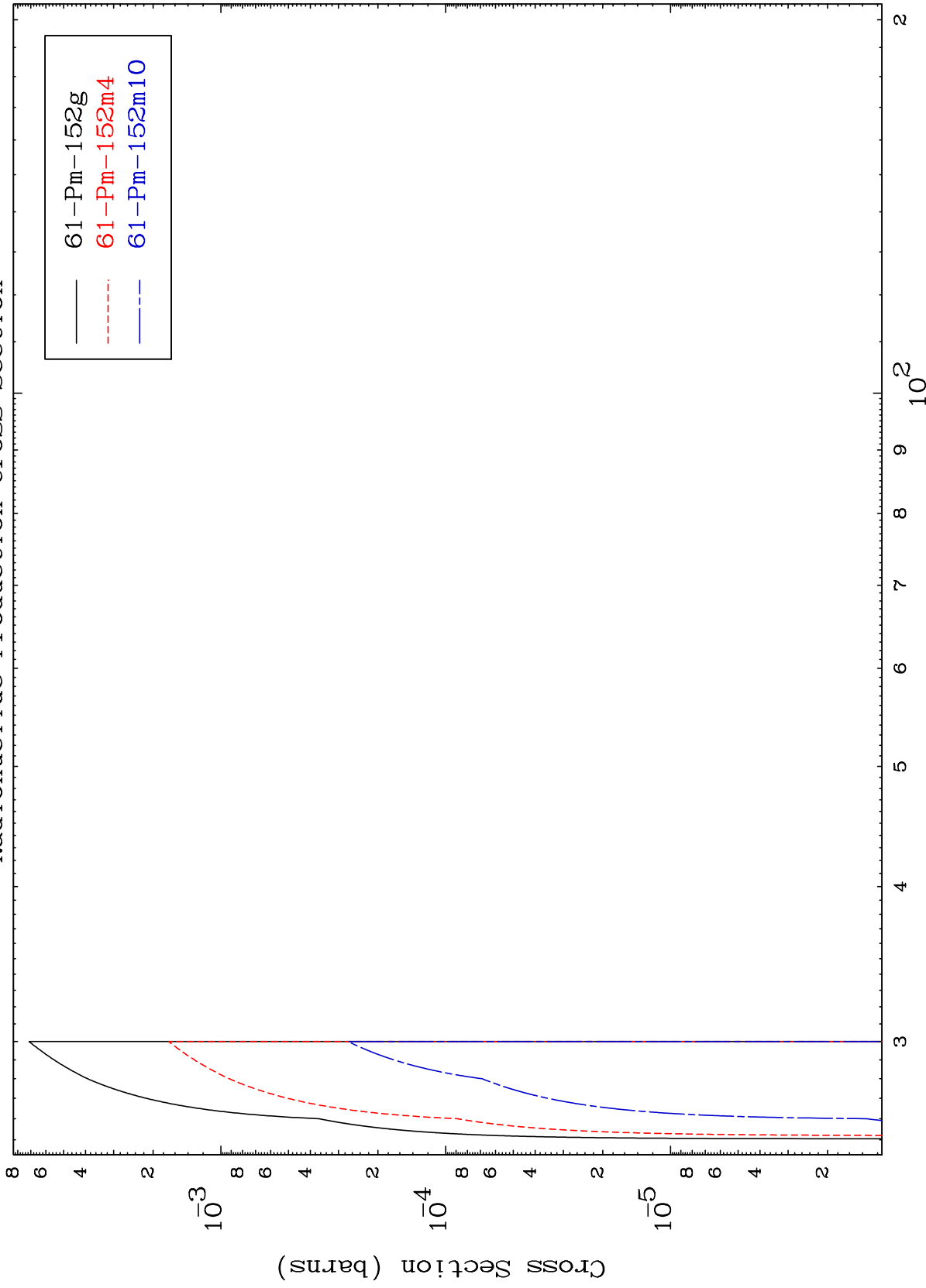
Incident Energy (MeV)

9

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61-Pm-156

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



10

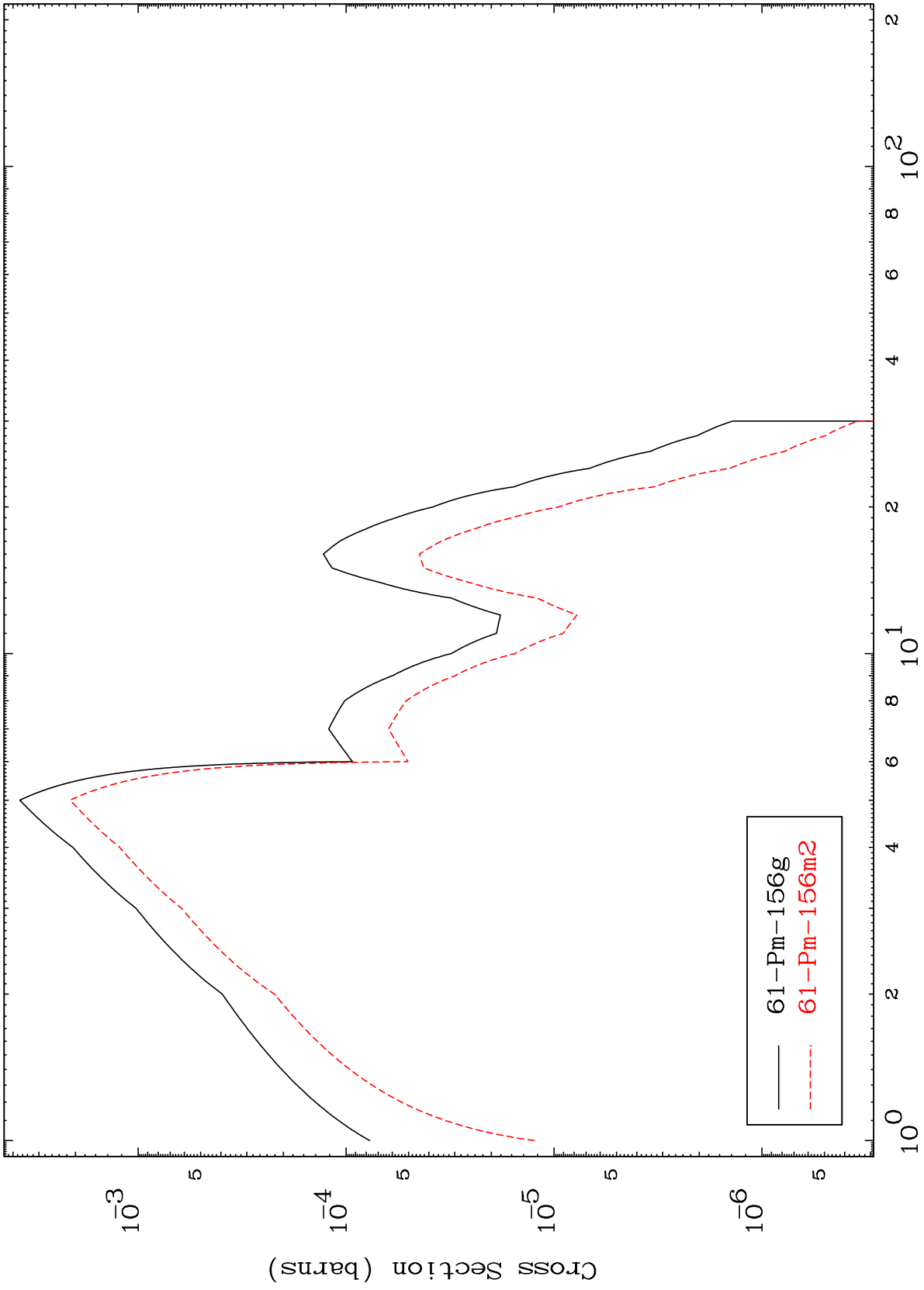
Incident Energy (MeV)

61-Pm-156

MAT 6177

61-Pm-156

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



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Incident Energy (MeV)

61-Pm-156