

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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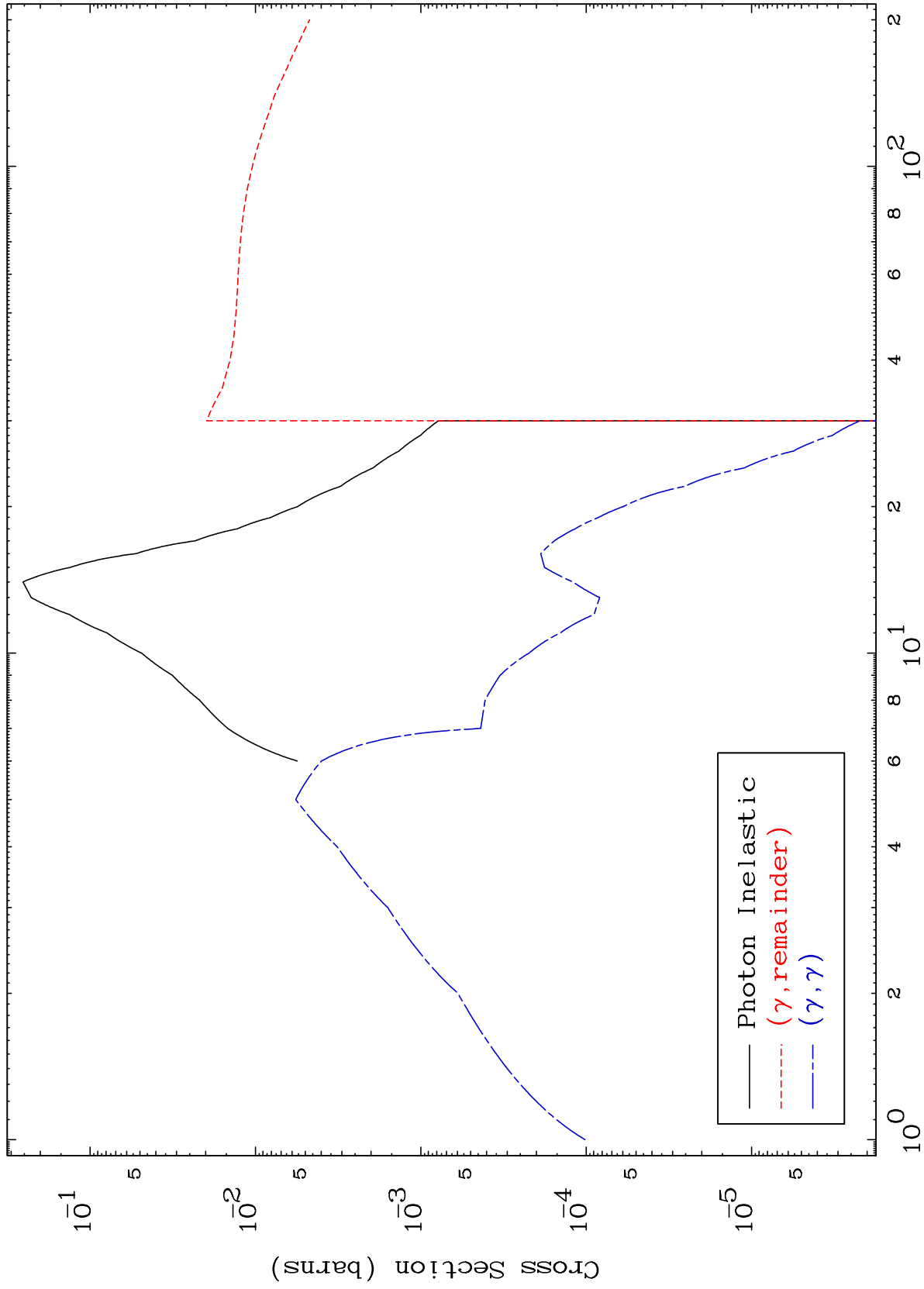
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

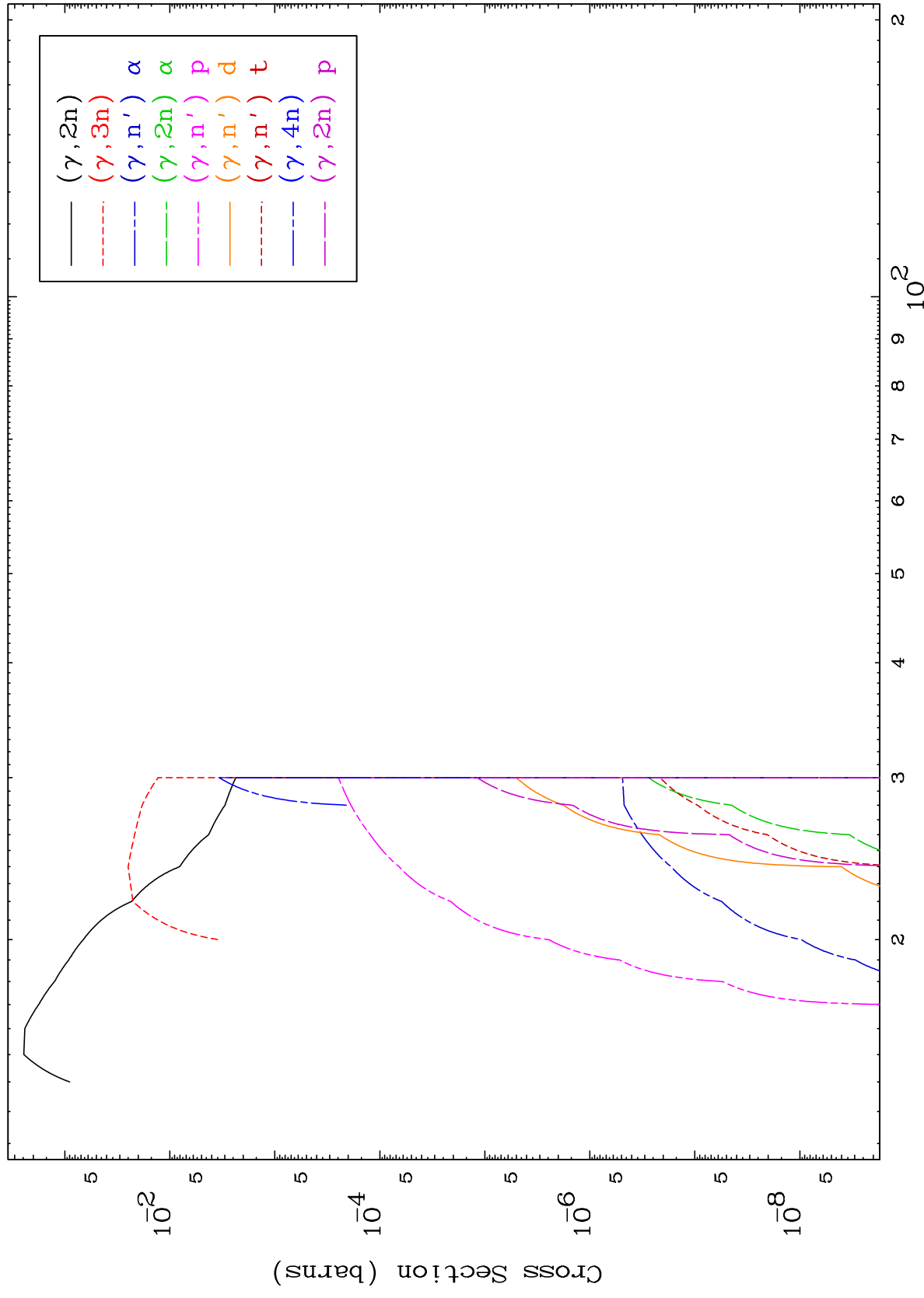
MAT 6170

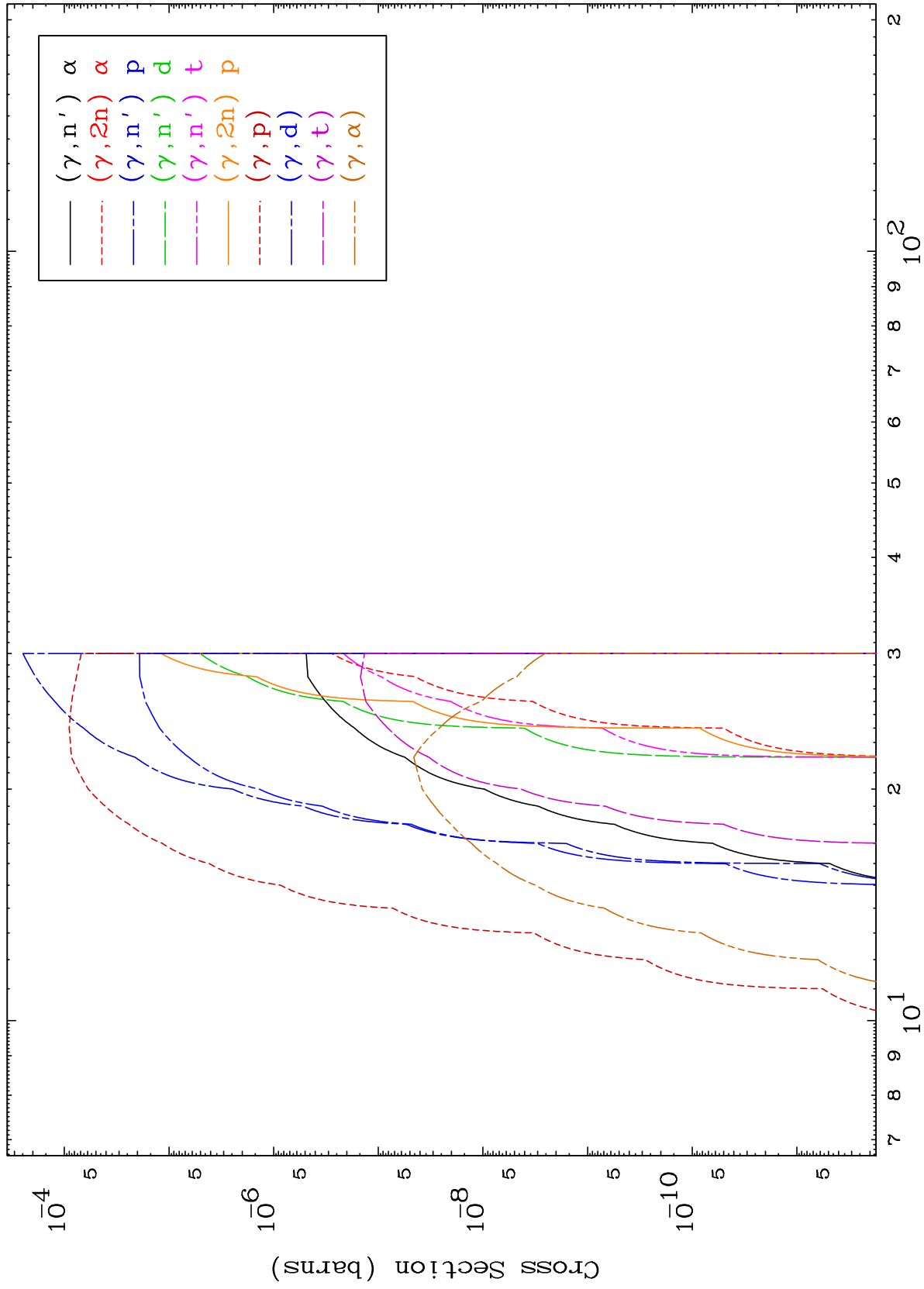
Photon Major  
0 Kelvin Cross Sections

61-Pm-154



61-Pm-154

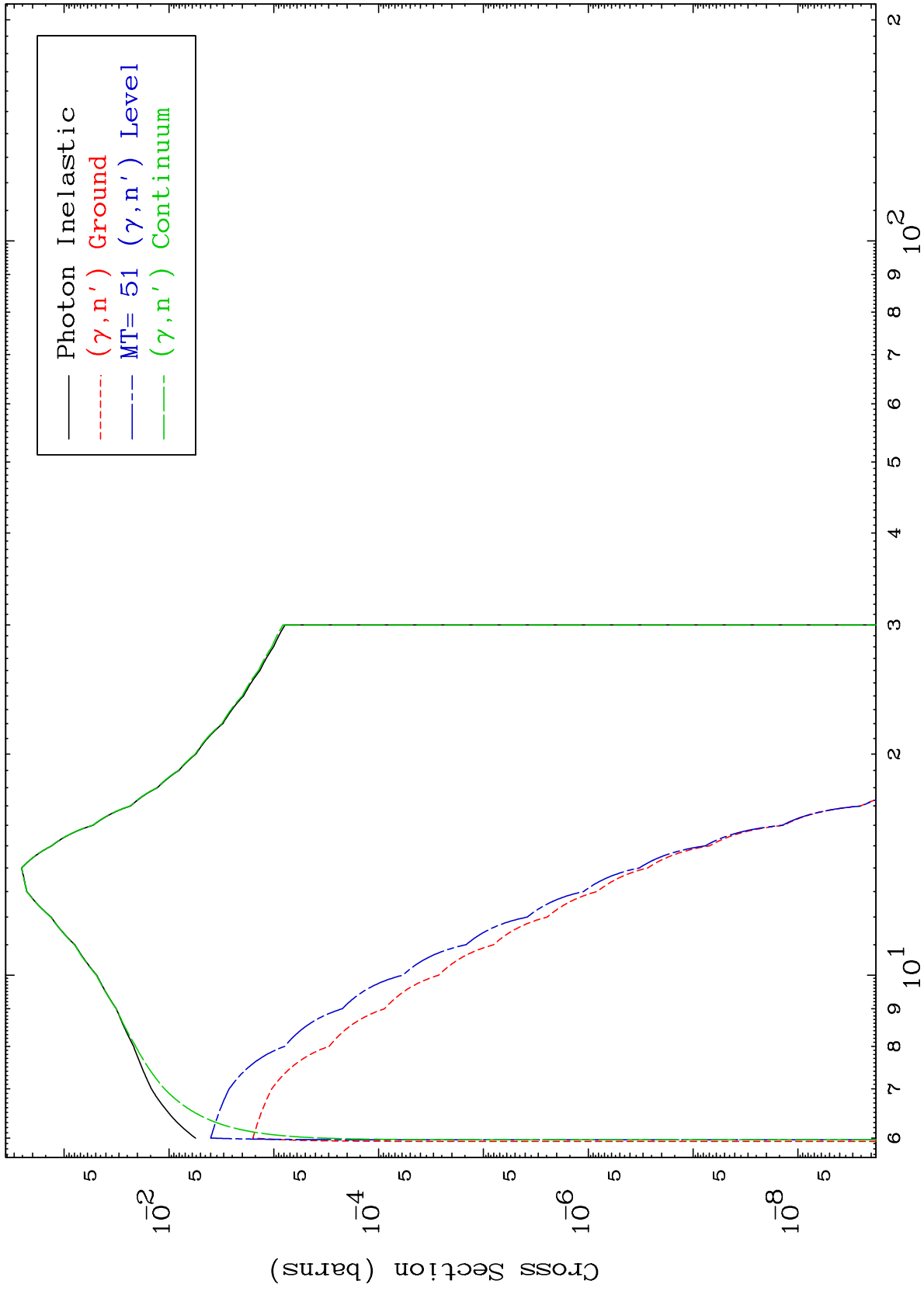




MAT 6170

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

61-Pm-154



4

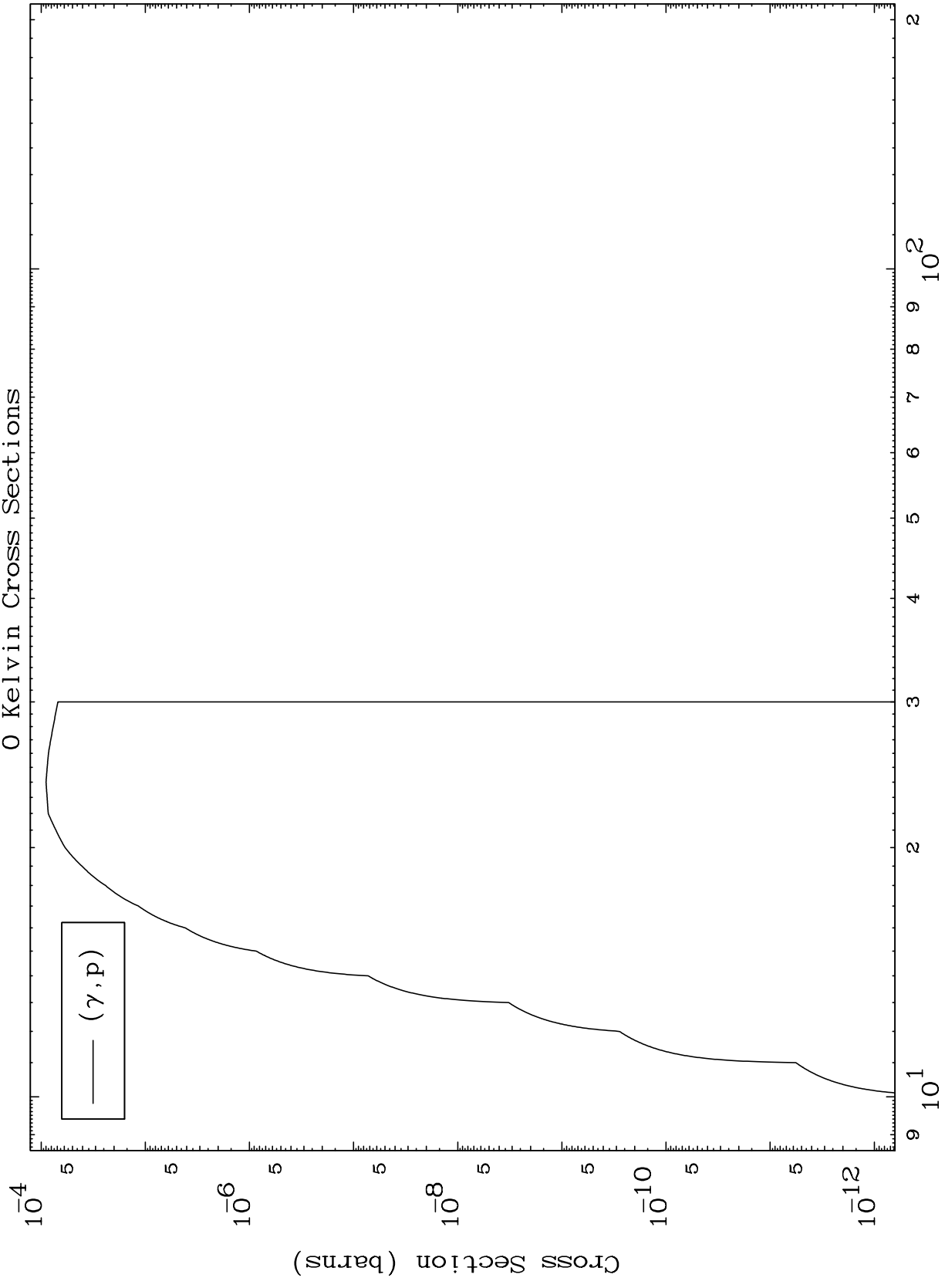
Incident Energy (MeV)

61-Pm-154

MAT 6170

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

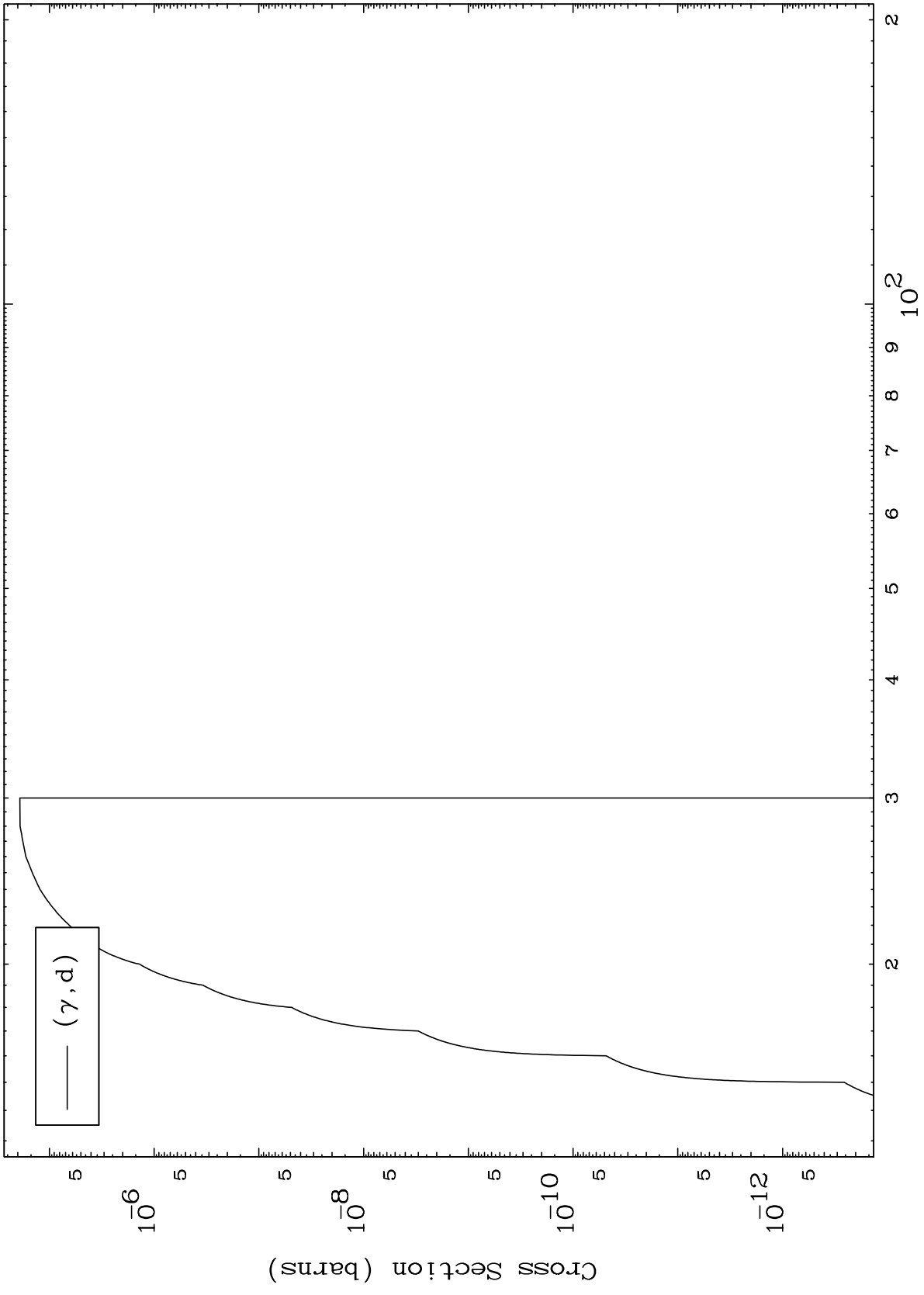
61-Pm-154



5

Incident Energy (MeV)

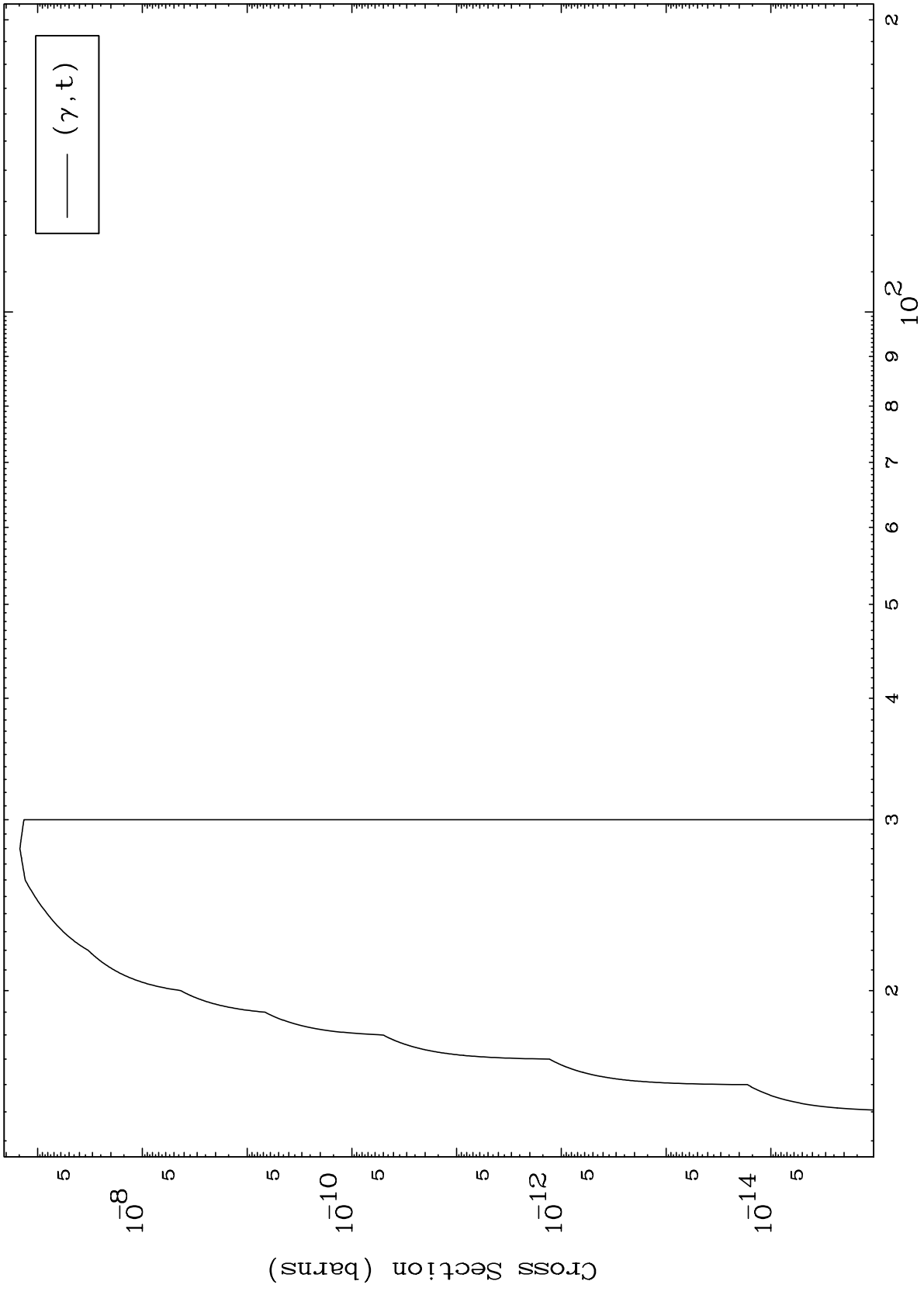
61-Pm-154



MAT 6170

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

61-Pm-154



7

Incident Energy (MeV)

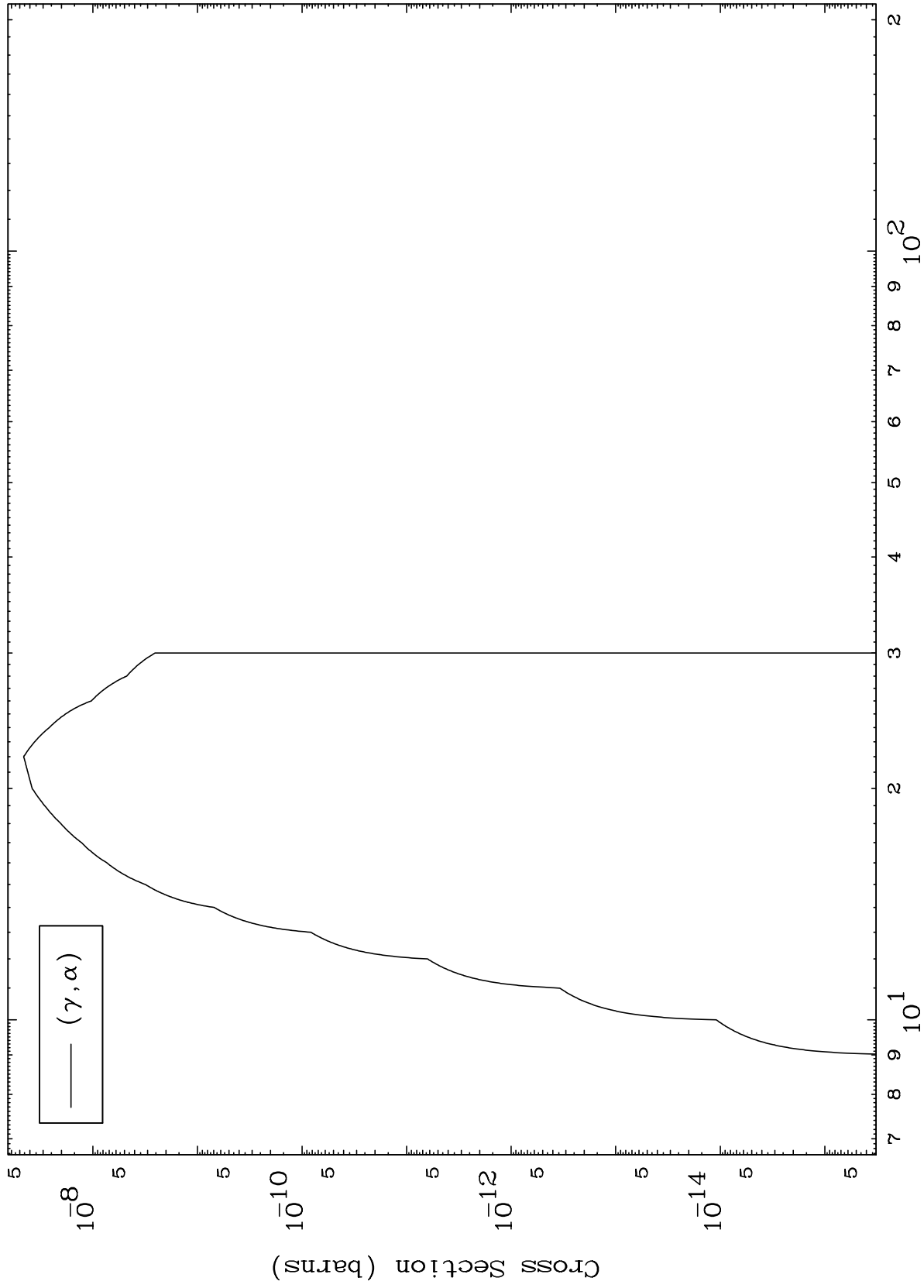
61-Pm-154



MAT 6170

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

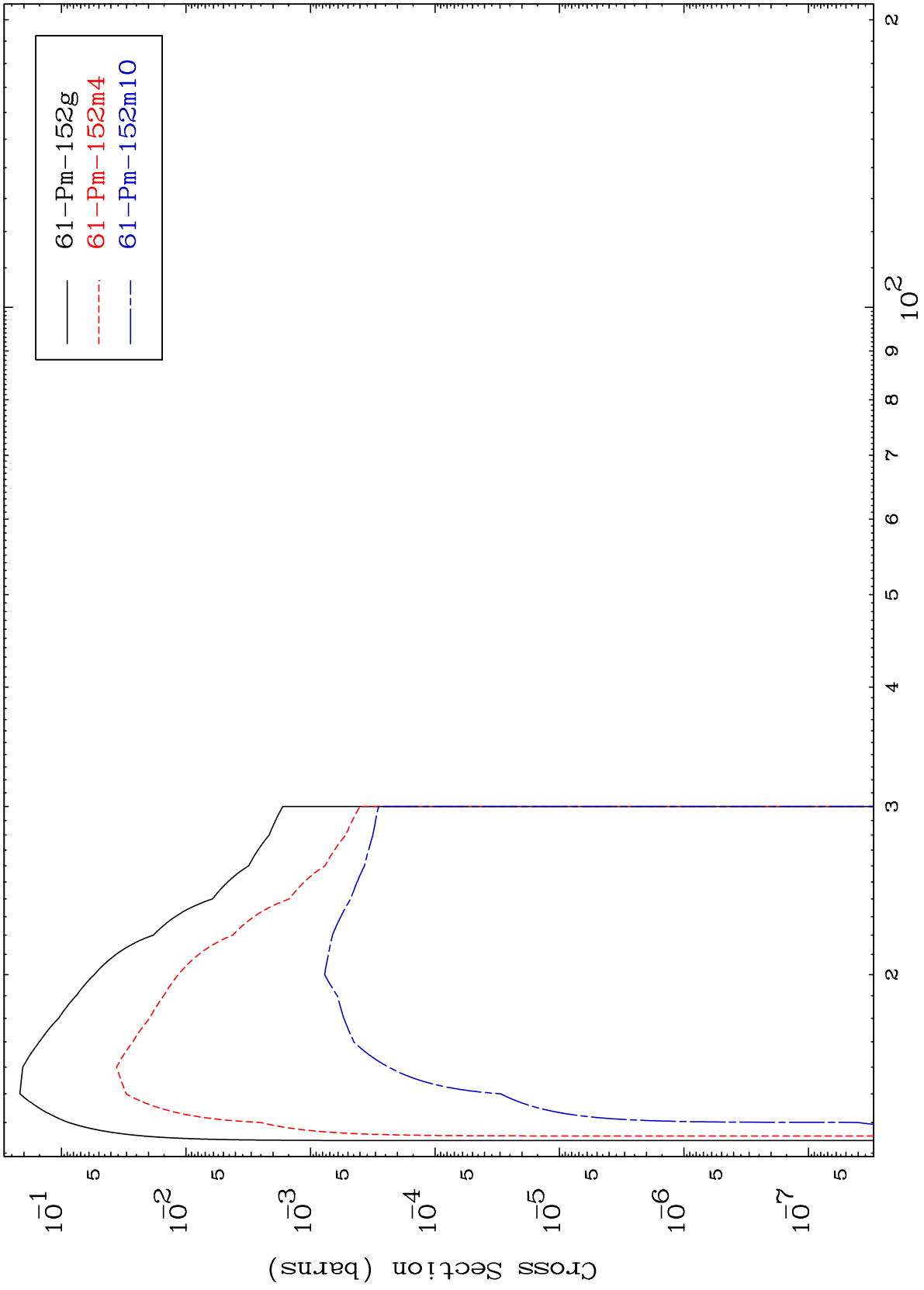
61-Pm-154



MAT 6170

61-Pm-154

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



9

Incident Energy (MeV)

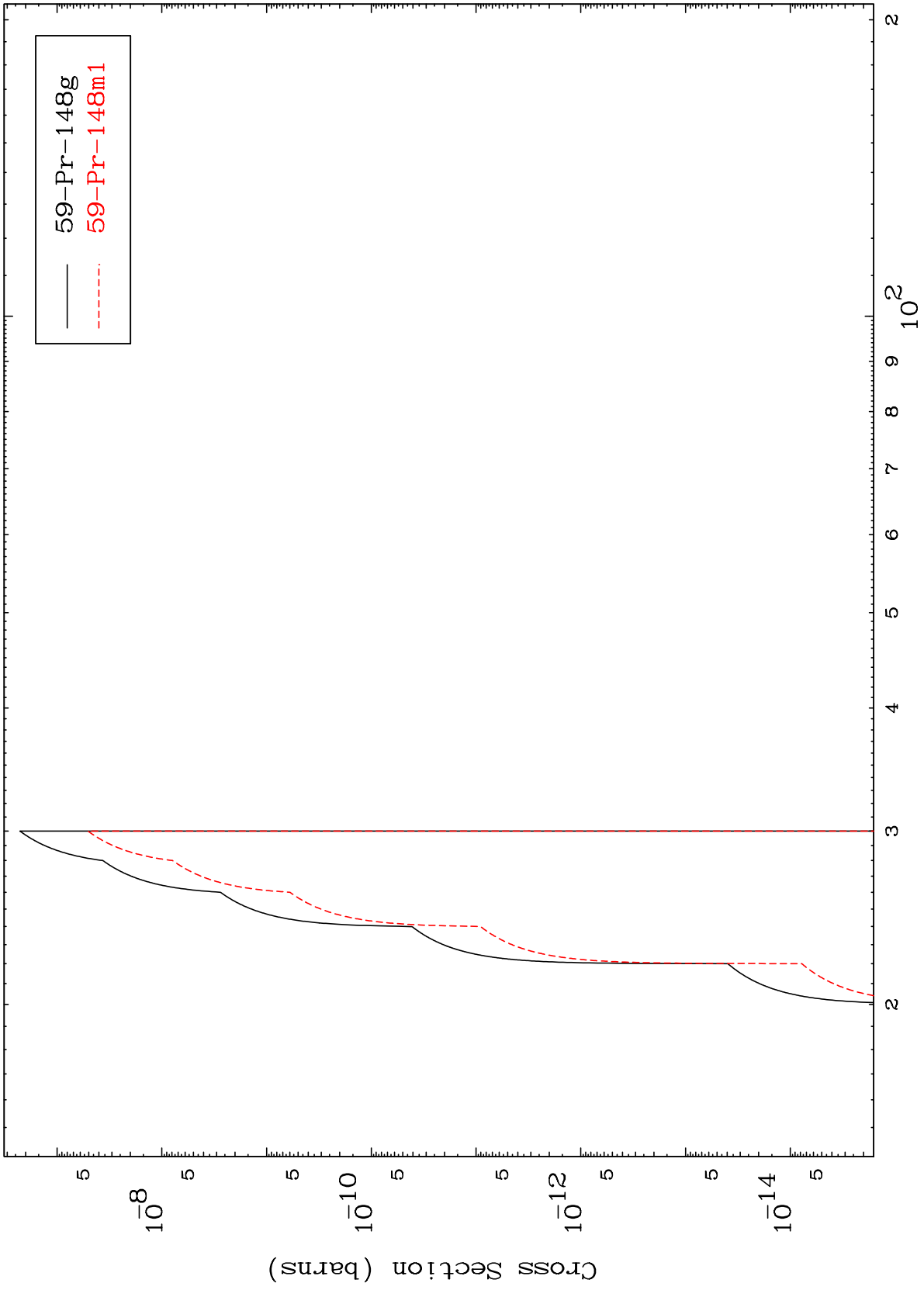
61-Pm-154

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$(\gamma, 2n) \alpha$

61-Pm-154

Radionuclide Production Cross Section



10

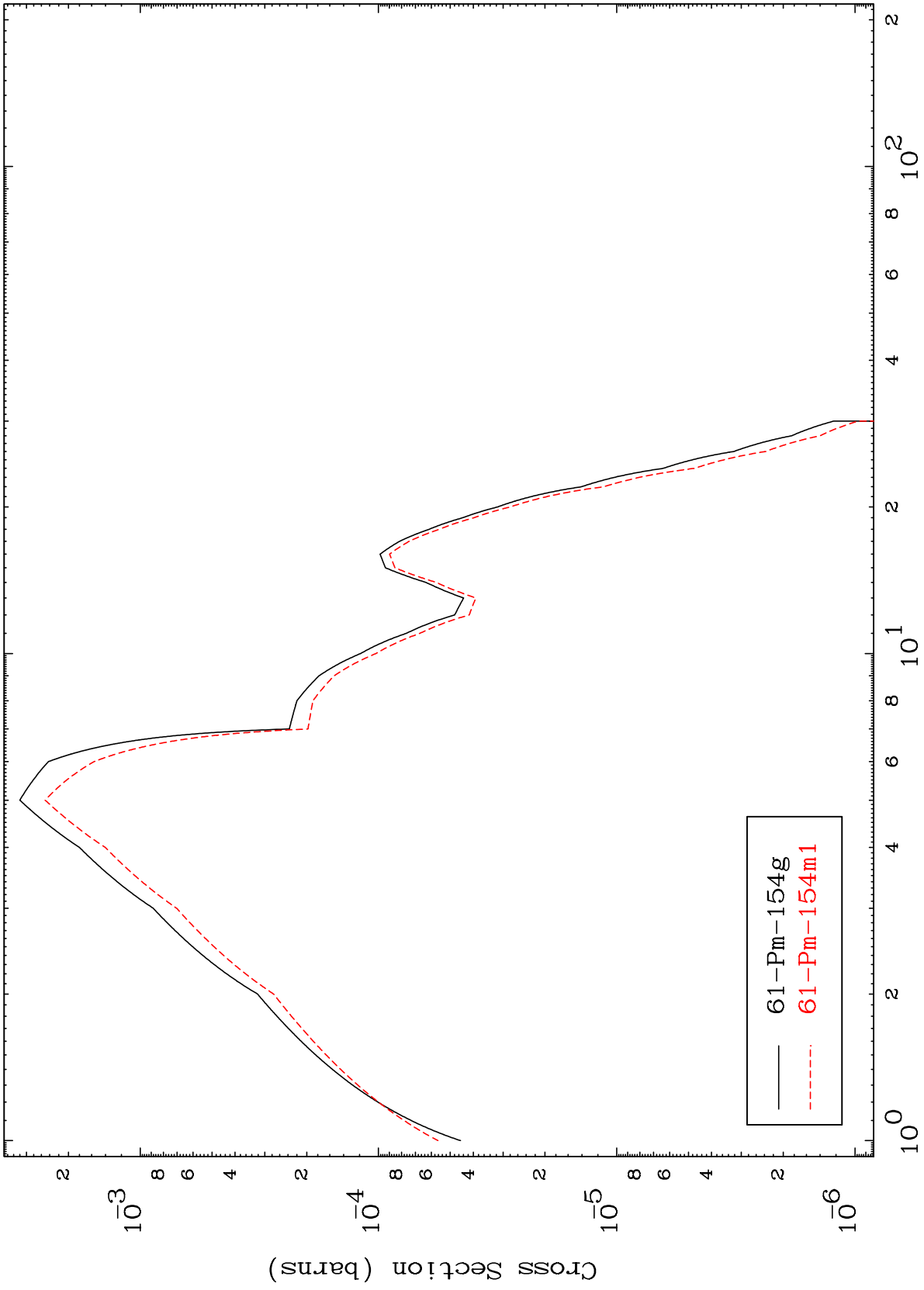
Incident Energy (MeV)

61-Pm-154

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61-Pm-154

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



11

Incident Energy (MeV)

61-Pm-154

— 61-Pm-154g  
- - - 61-Pm-154m1