

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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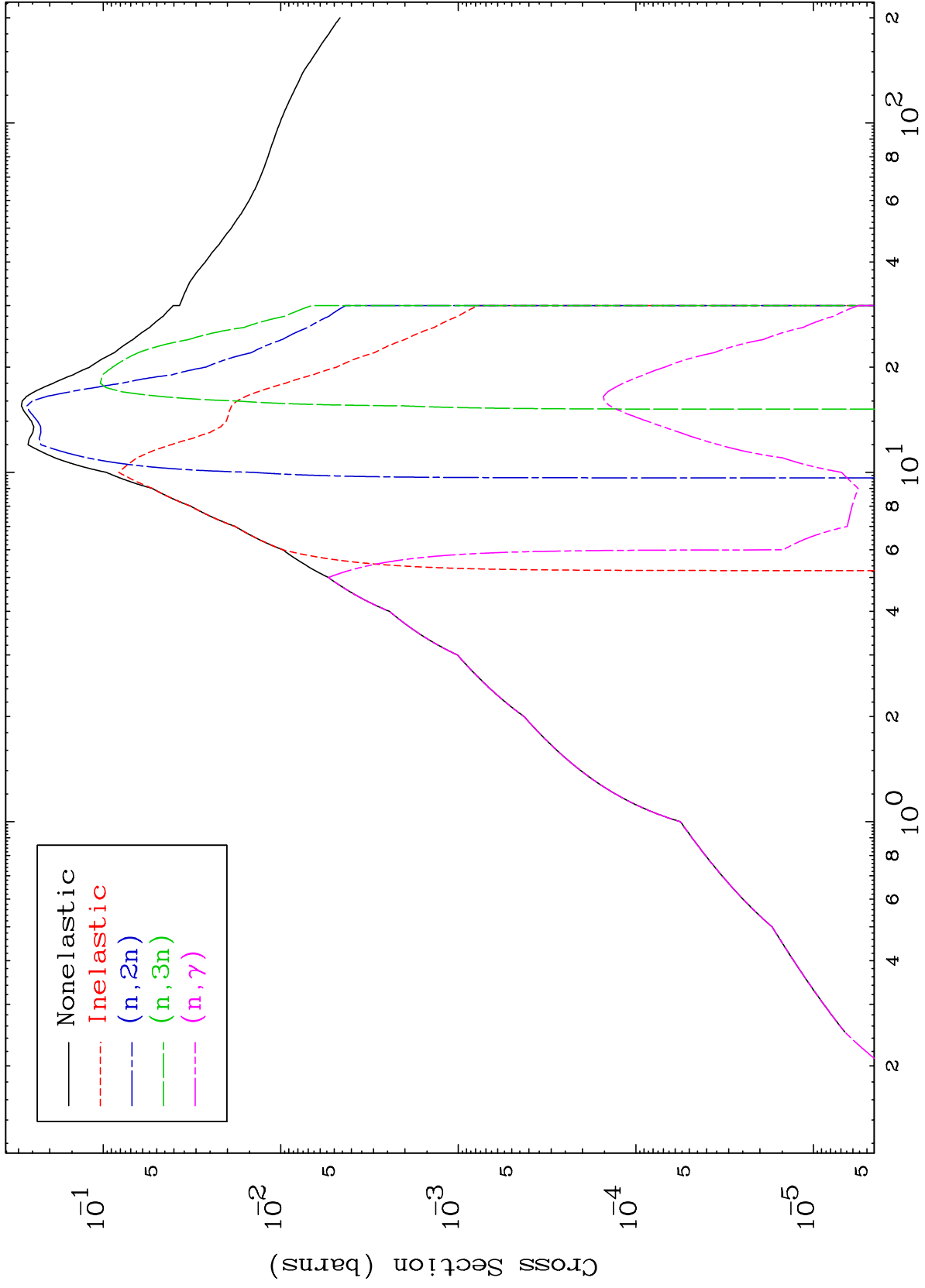
Press Mouse Button to Start

MAT 6192

Photon Major

61-Pm-161m

0 Kelvin Cross Sections

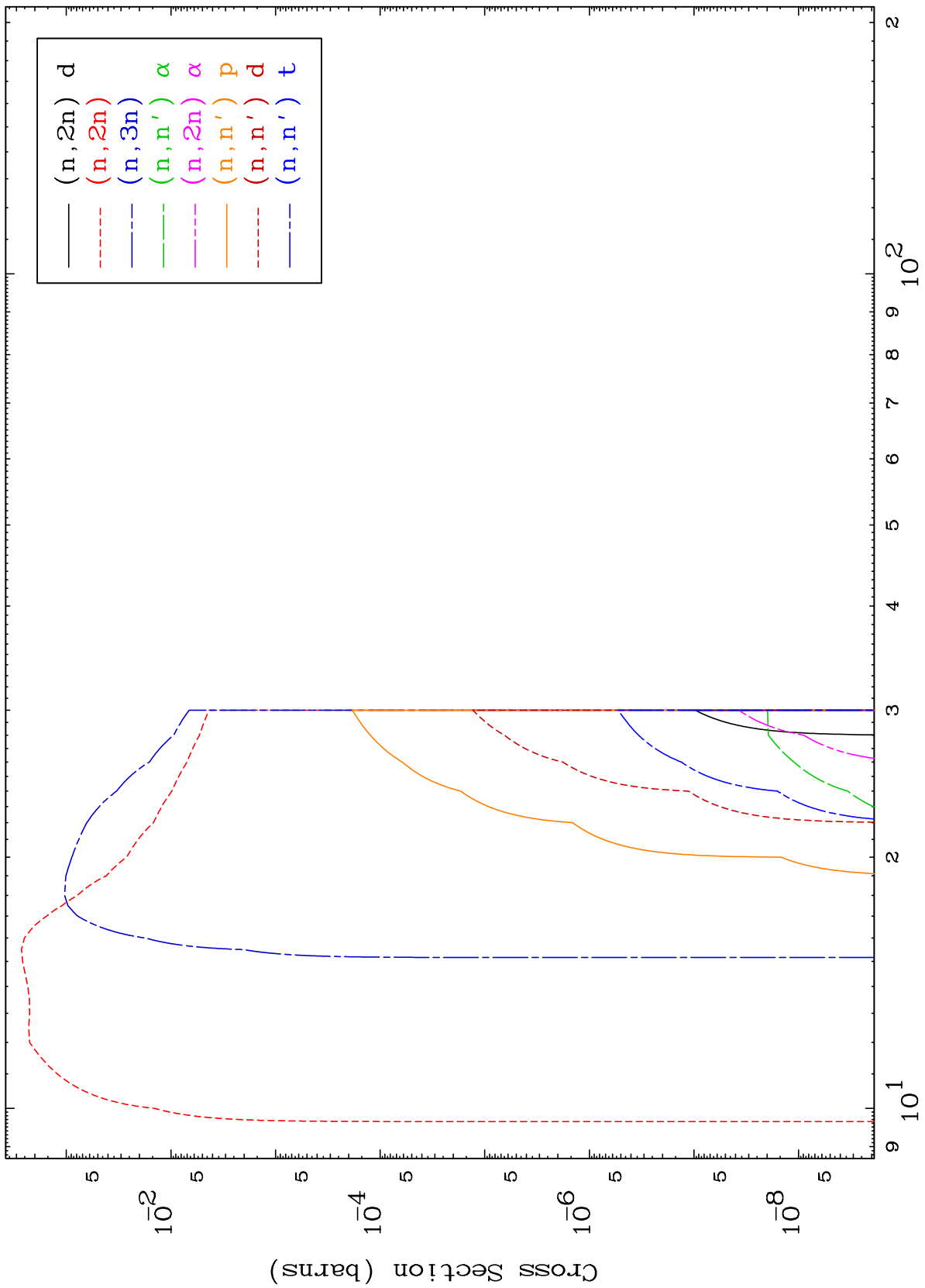


Legend:  
— Nonelastic  
- - - Inelastic  
- · - (n, 2n)  
- - - (n, 3n)  
- - - (n, γ)

MAT 6192

Photon Neutron Absorption  
0 Kelvin Cross Sections

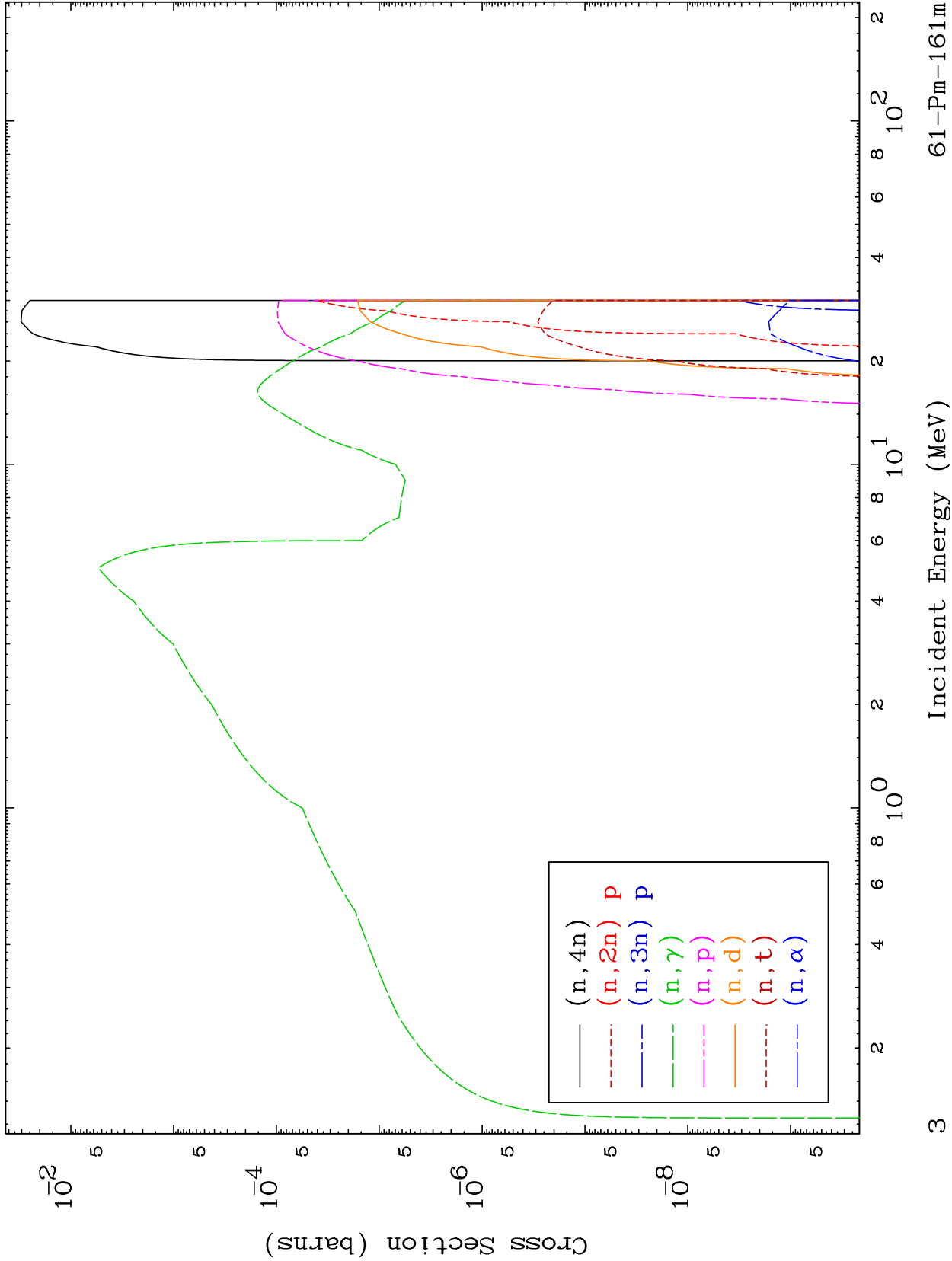
61-Pm-161m



61-Pm-161m

Incident Energy (MeV)

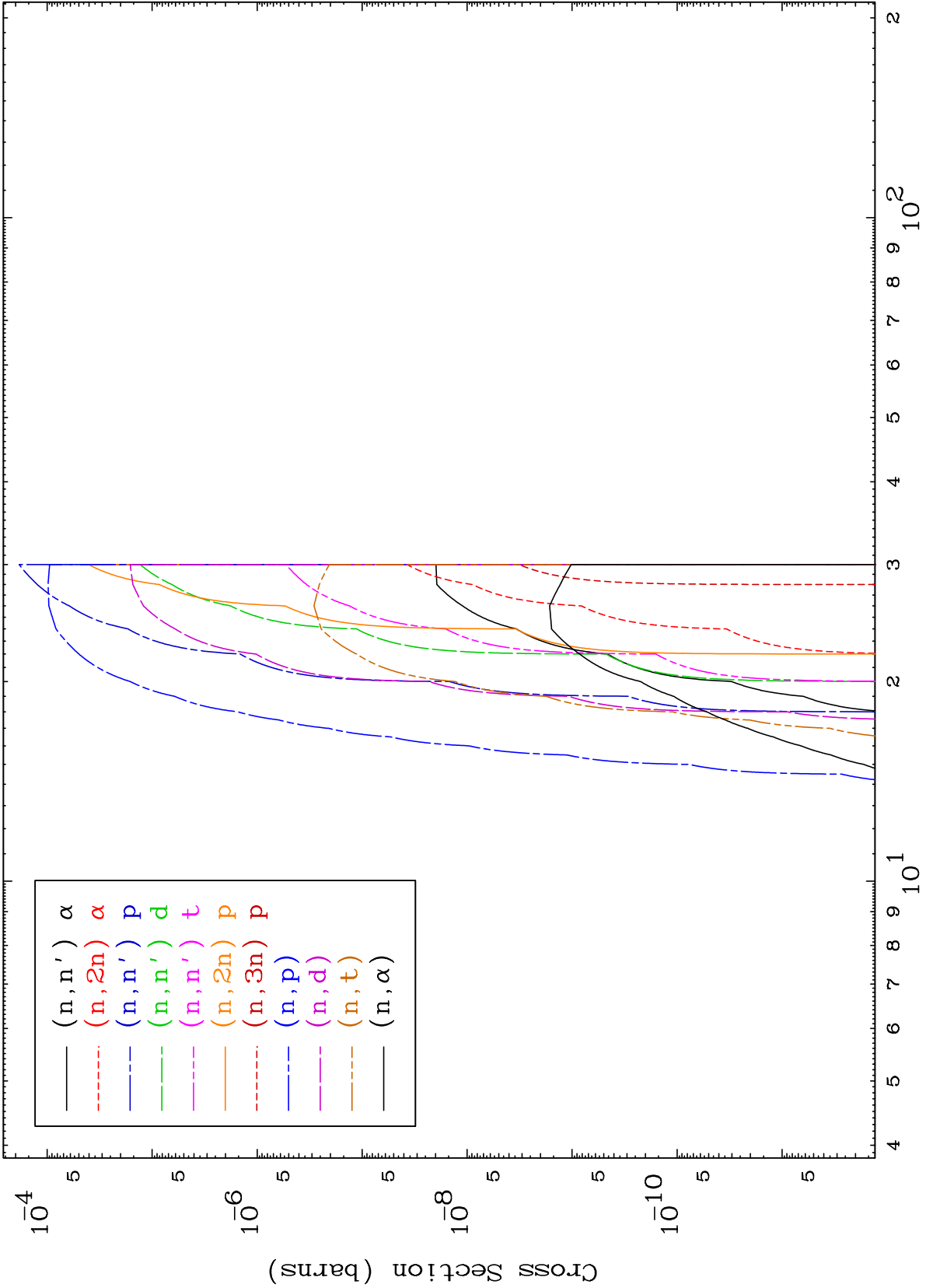
2



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Photon Charged Particle  
0 Kelvin Cross Sections

61-Pm-161m



61-Pm-161m

Incident Energy (MeV)

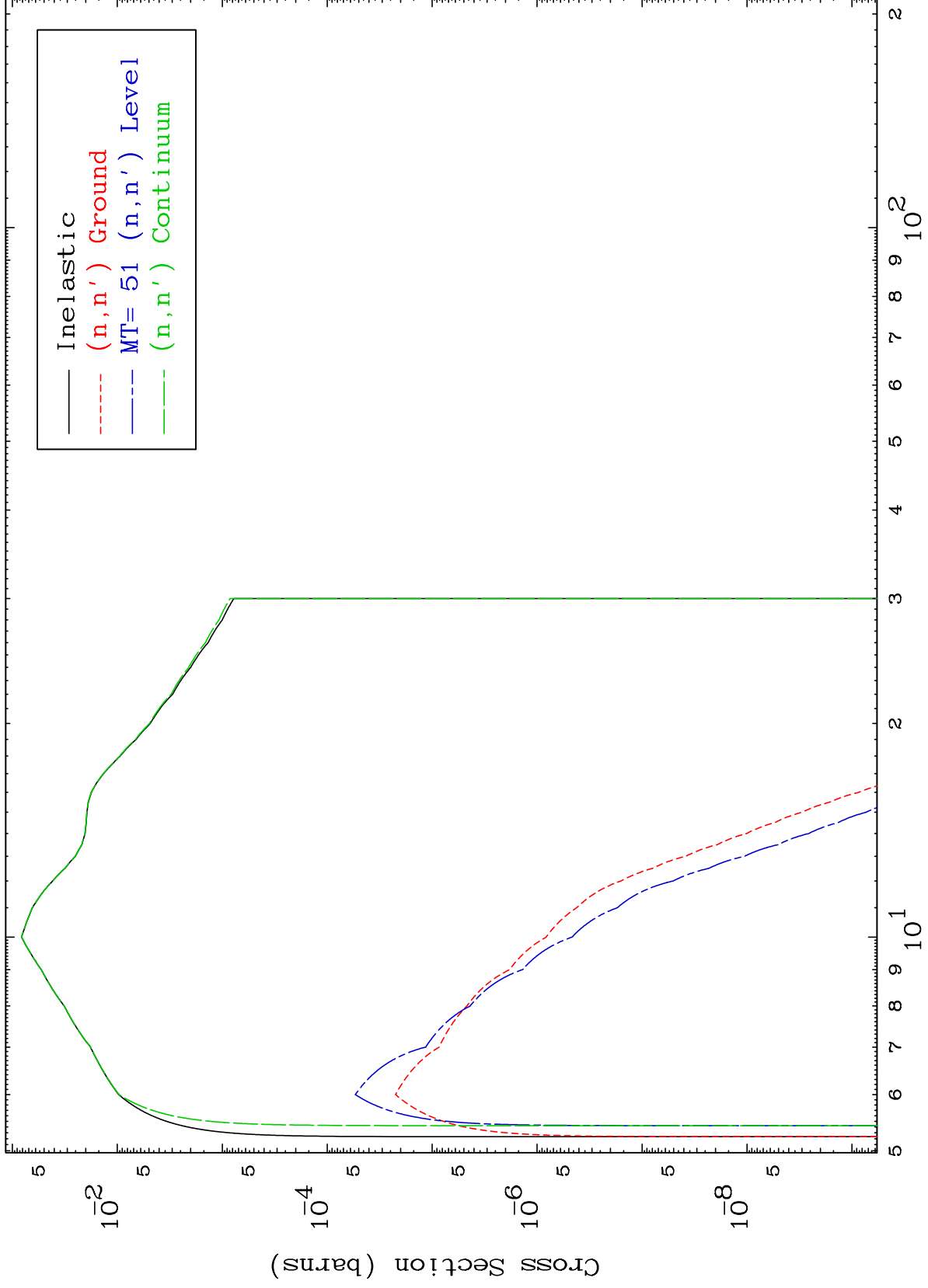
4

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( $\gamma, n'$ ) Levels

61-Pm-161m

0 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-161m

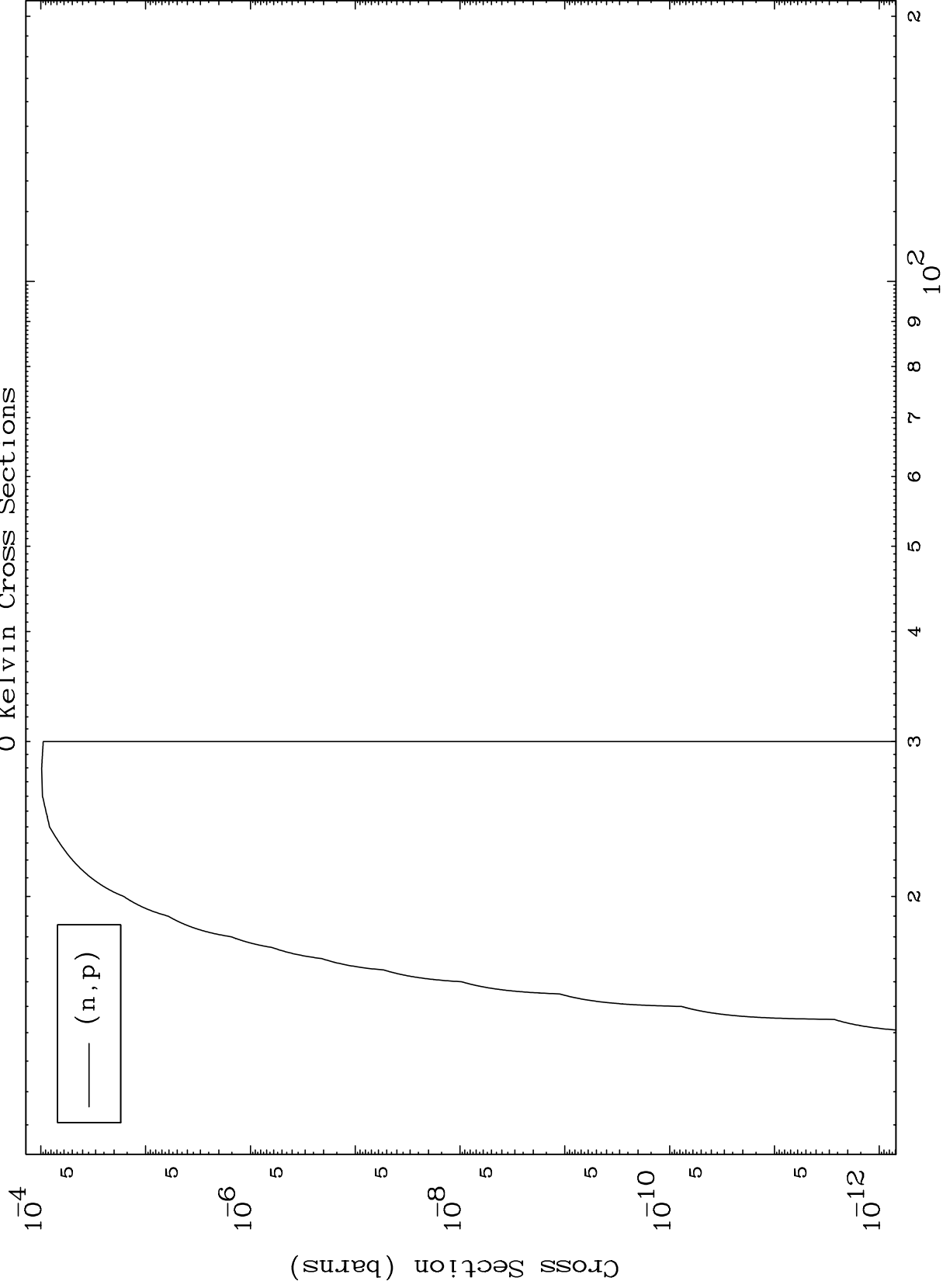
5

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( $\gamma, p$ ) Levels

61-Pm-161m

0 Kelvin Cross Sections



Incident Energy (MeV)

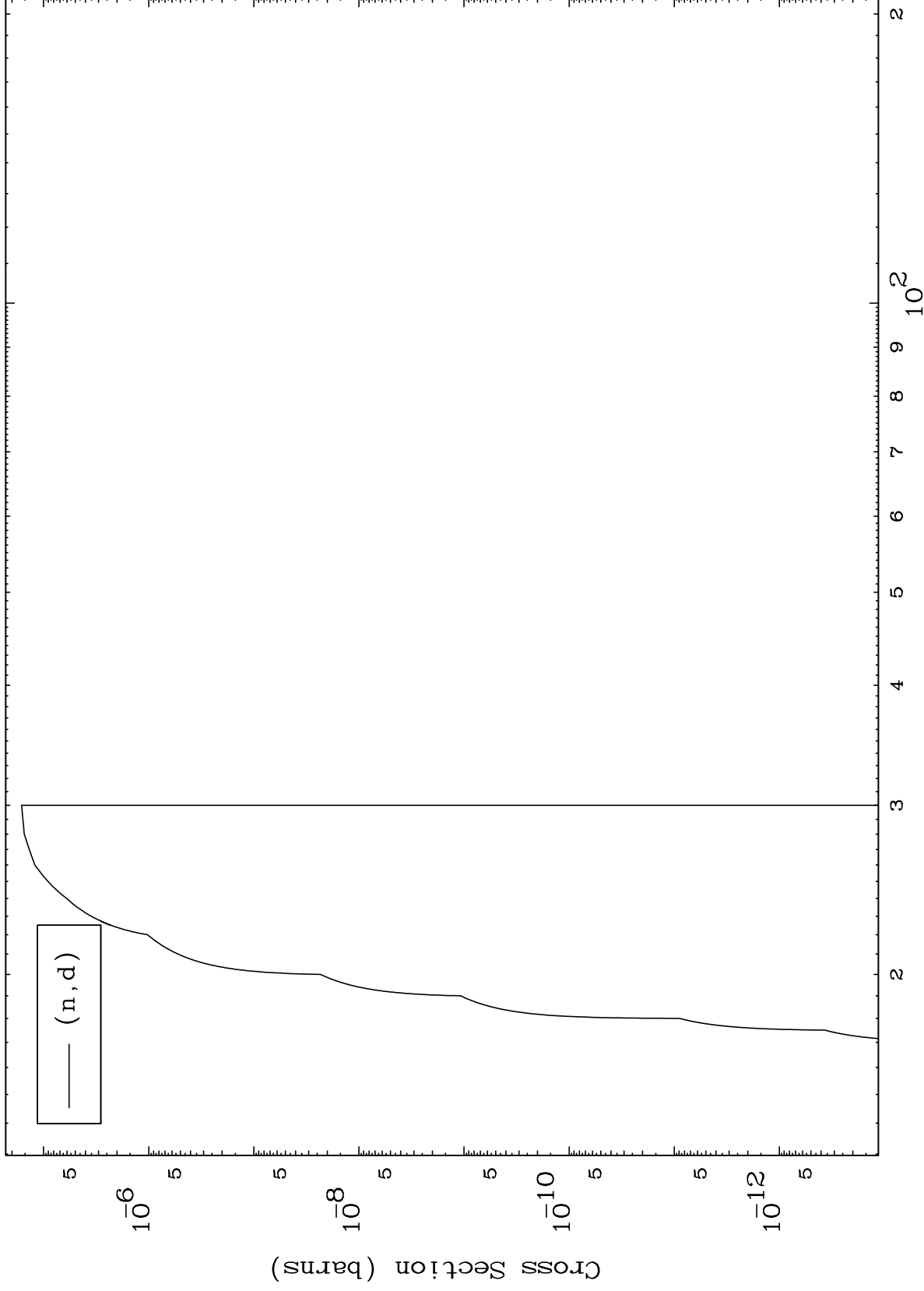
61-Pm-161m

6

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

61-Pm-161m



7

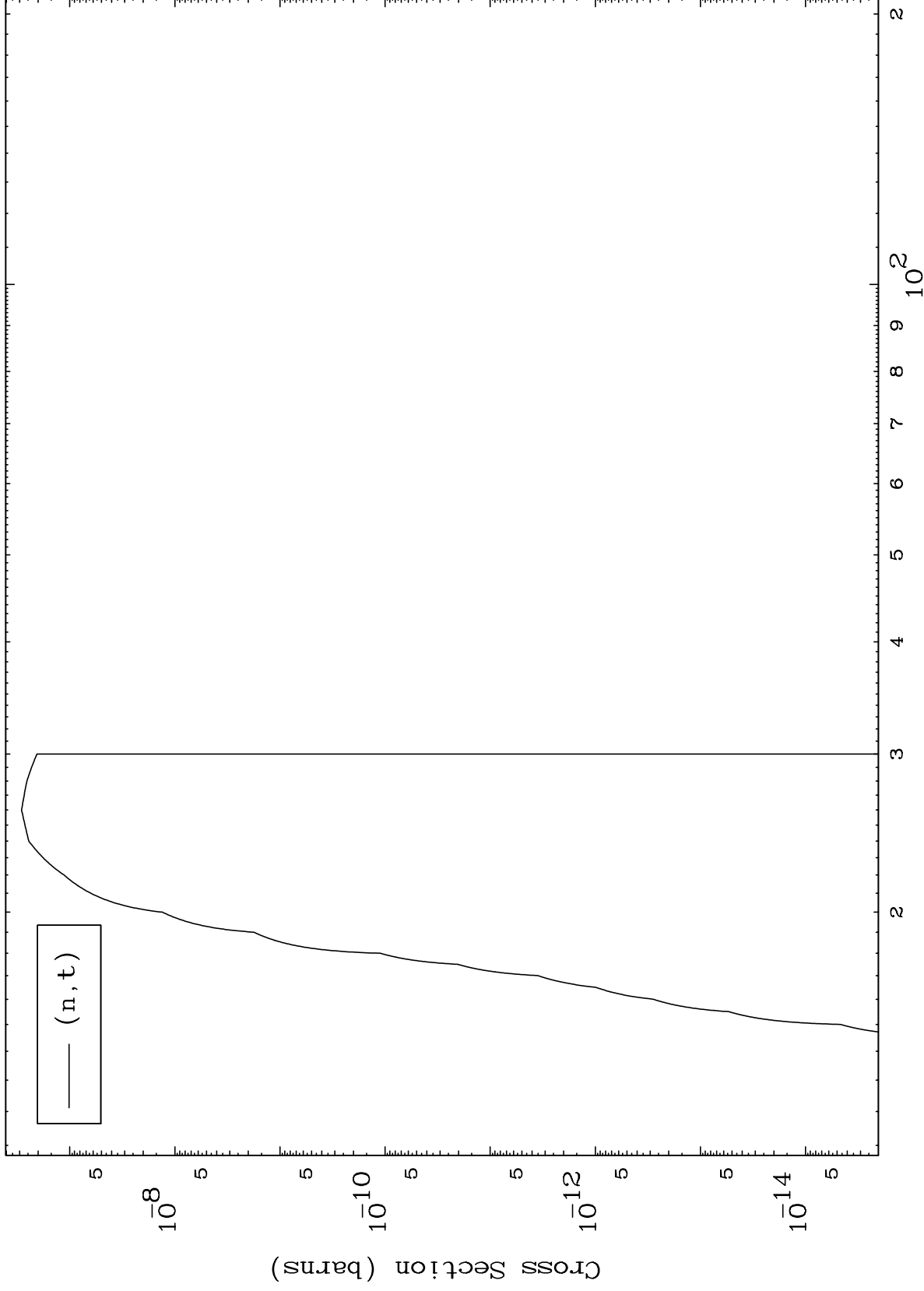
Incident Energy (MeV)

61-Pm-161m

MAT 6192

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

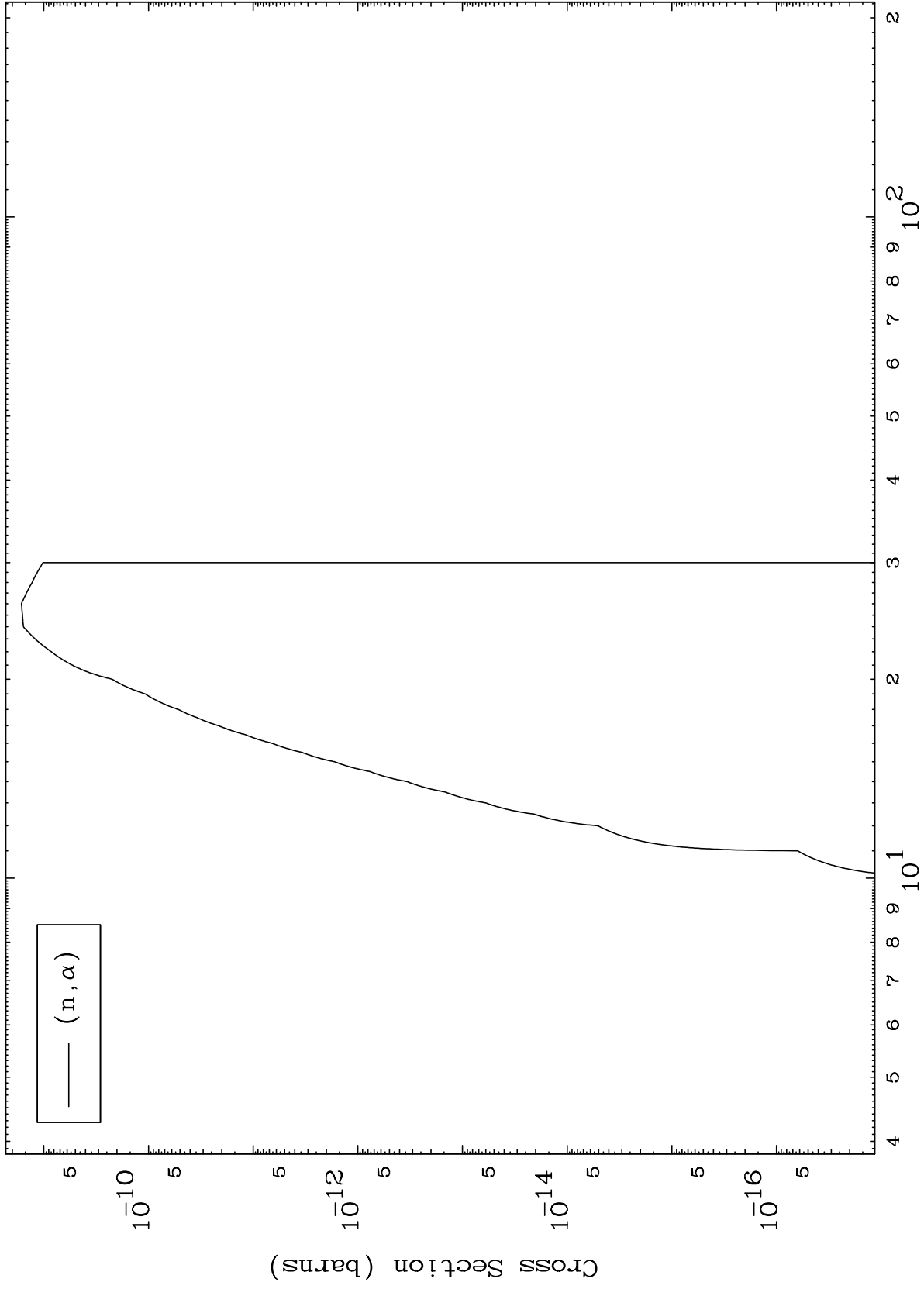
61-Pm-161m



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

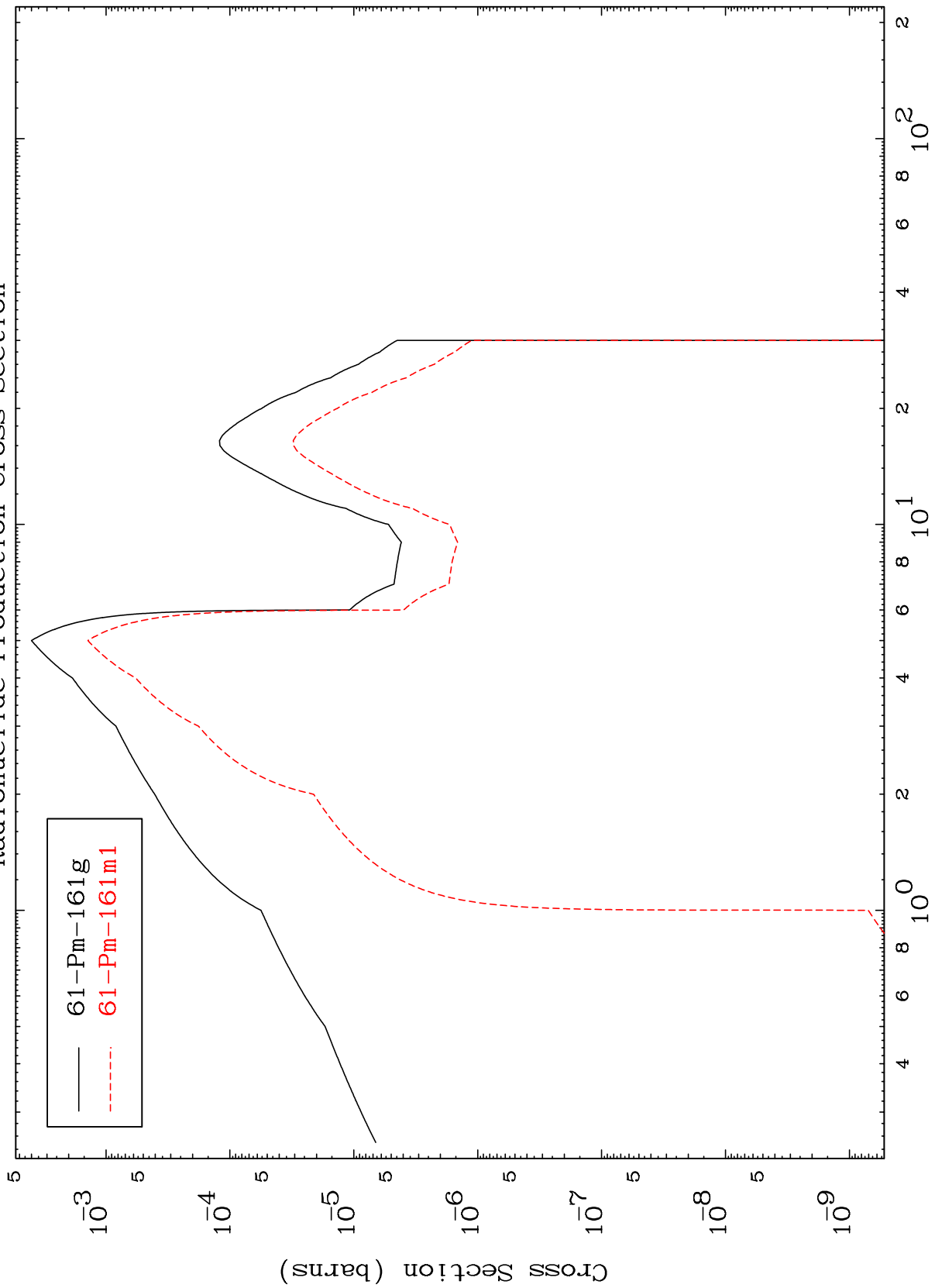
61-Pm-161m



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61-Pm-161m

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



61-Pm-161g  
61-Pm-161m1

61-Pm-161m

Incident Energy (MeV)

10