

Program EVALPLOT  
(Version 2018-1)

by

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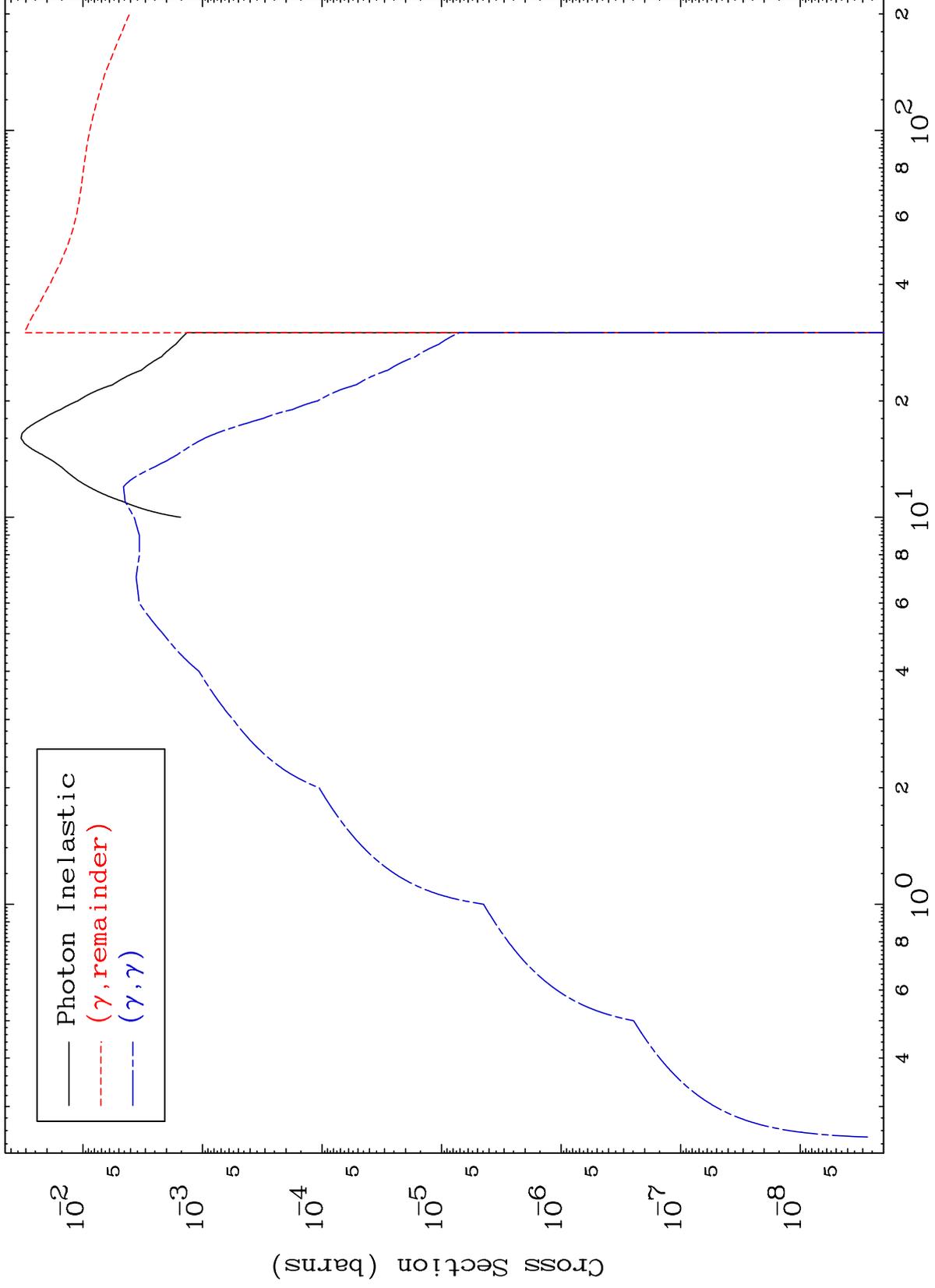
Press Mouse Button to Start

MAT 6110

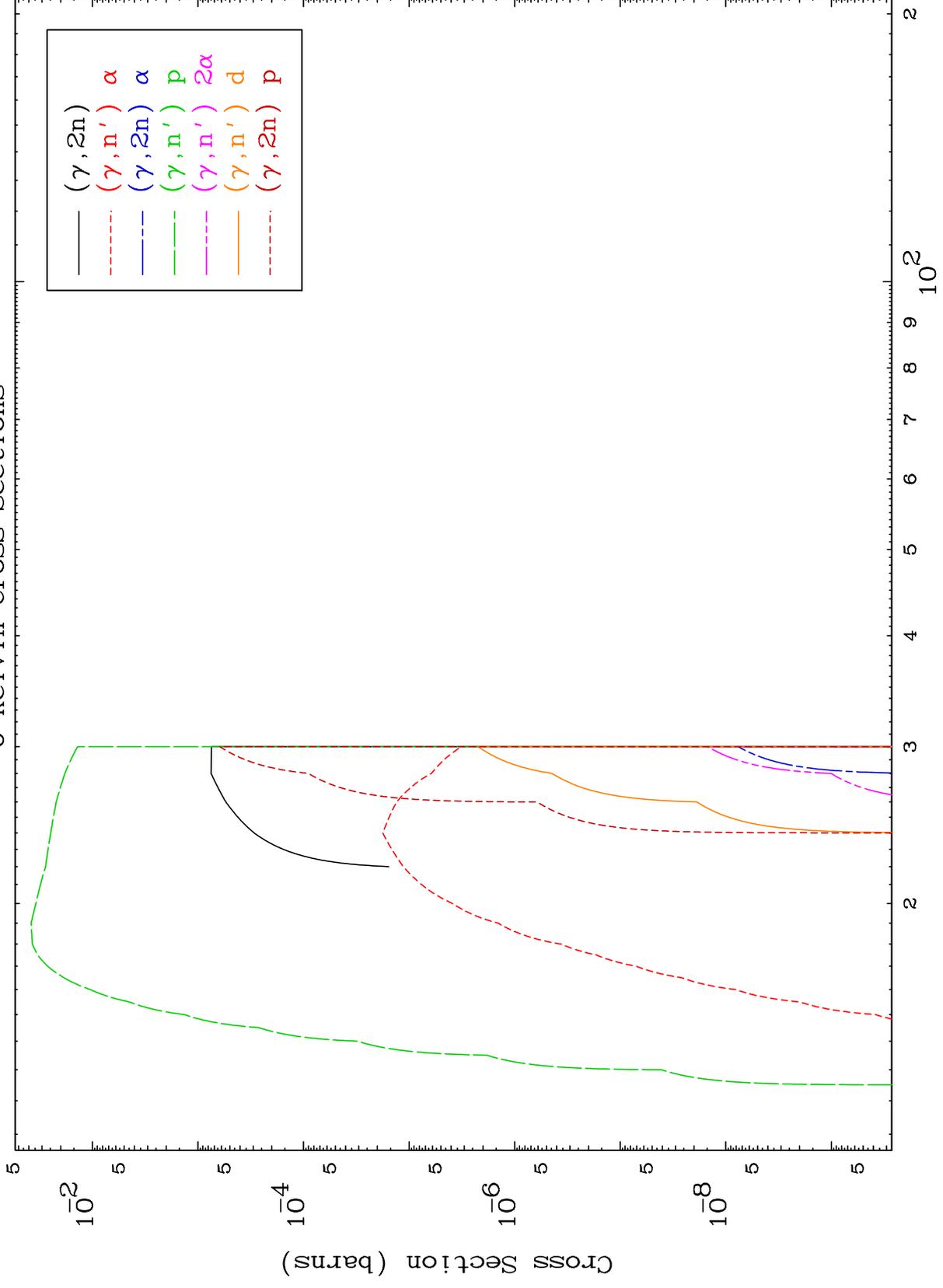
Photon Major

61-Pm-134

0 Kelvin Cross Sections



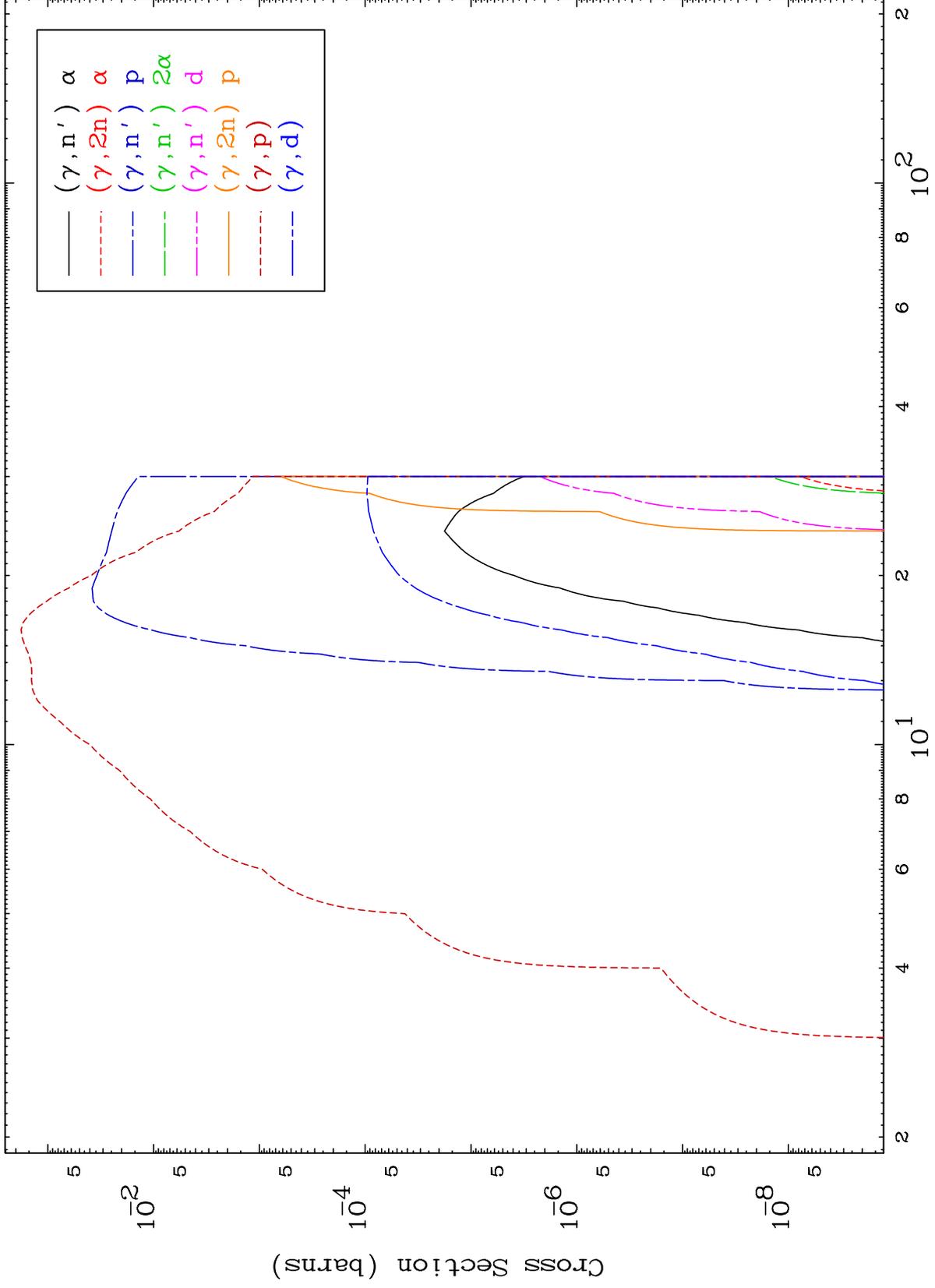
— Photon Inelastic  
- - -  $(\gamma, \text{remainder})$   
- . -  $(\gamma, \gamma)$



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Photon Charged Particle  
0 Kelvin Cross Sections

61-Pm-134



3

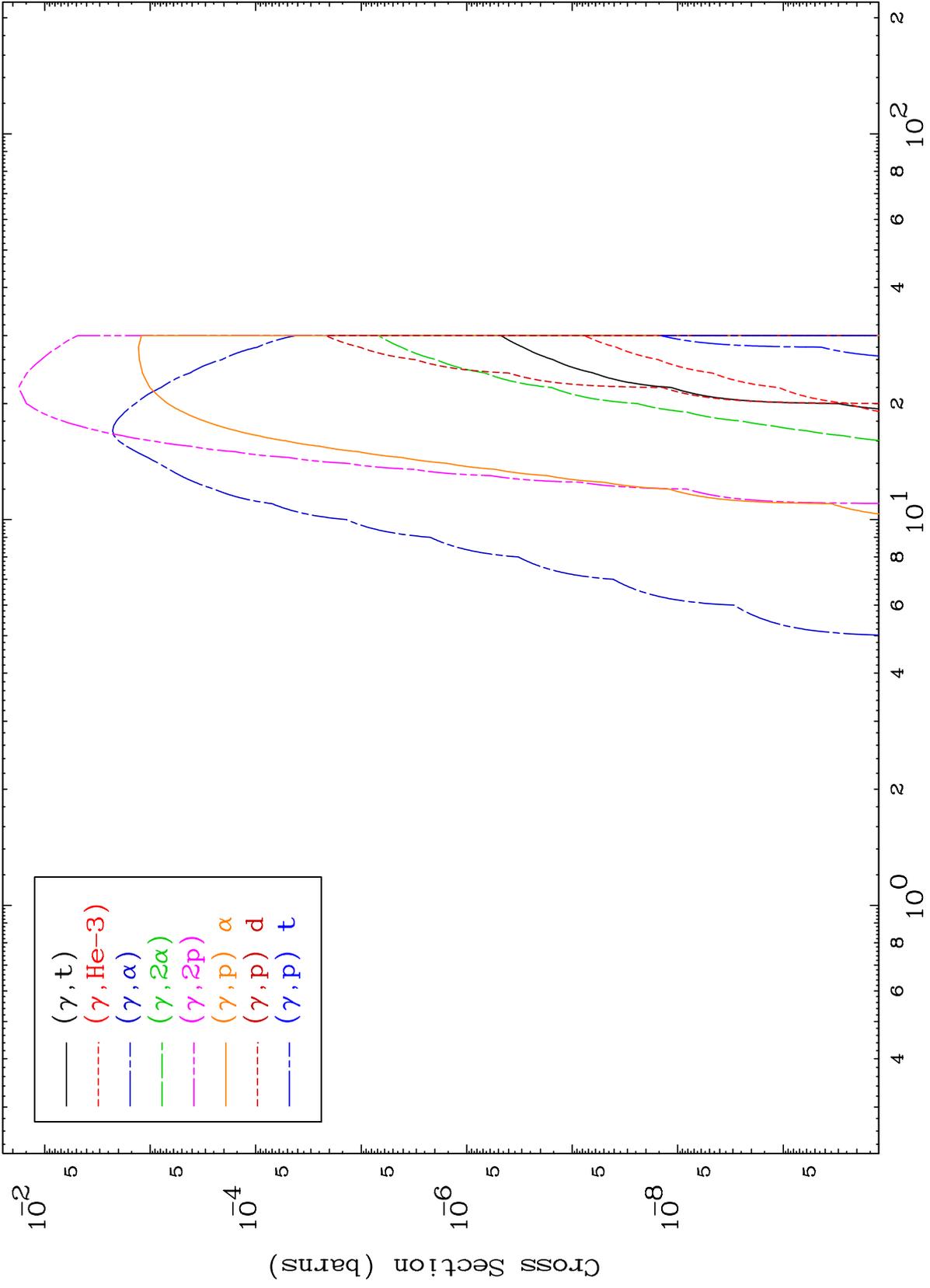
Incident Energy (MeV)

61-Pm-134

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Photon Charged Particle  
0 Kelvin Cross Sections

61-Pm-134



61-Pm-134

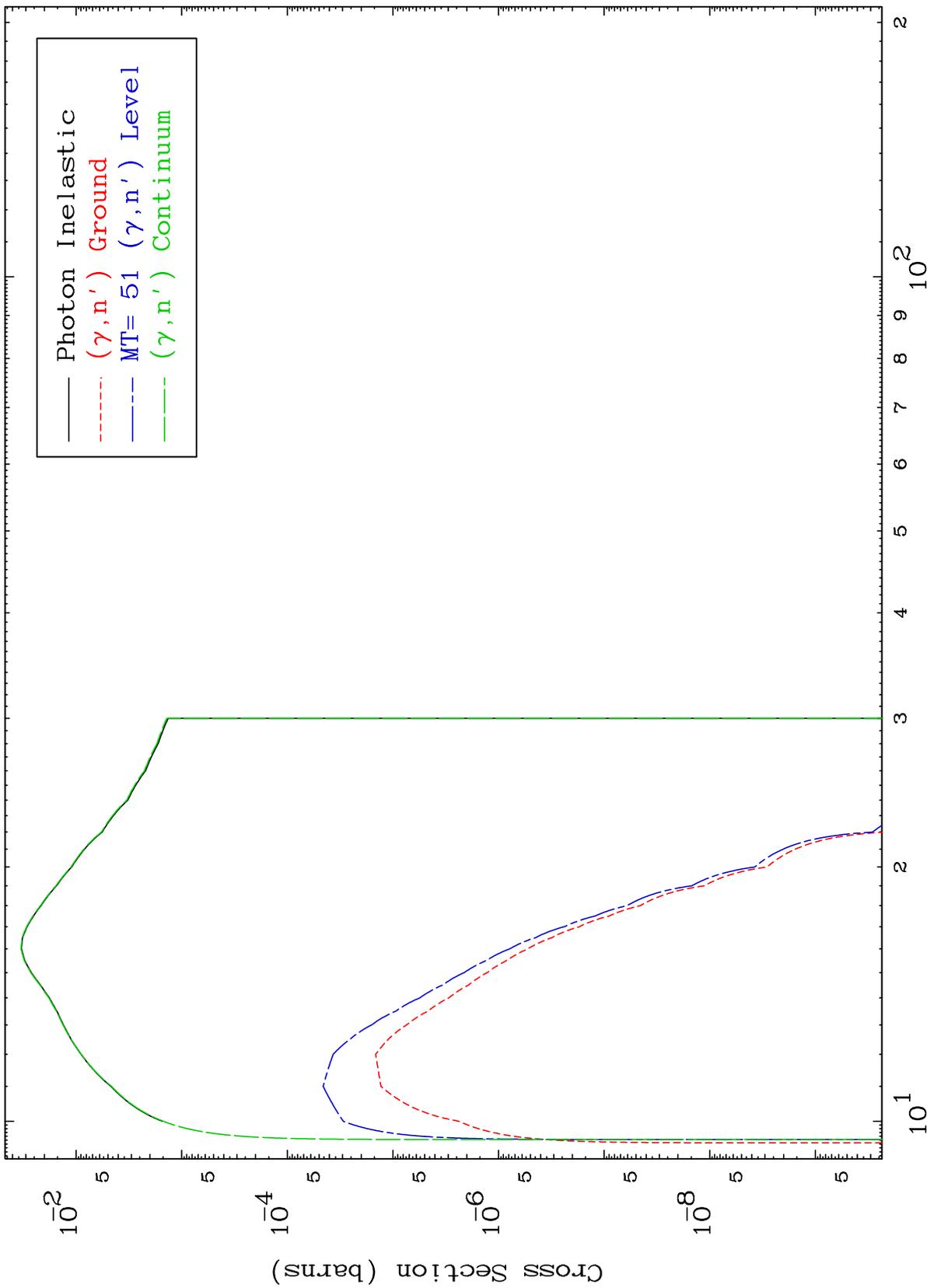
Incident Energy (MeV)

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$(\gamma, n')$  Level

61-Pm-134

0 Kelvin Cross Sections



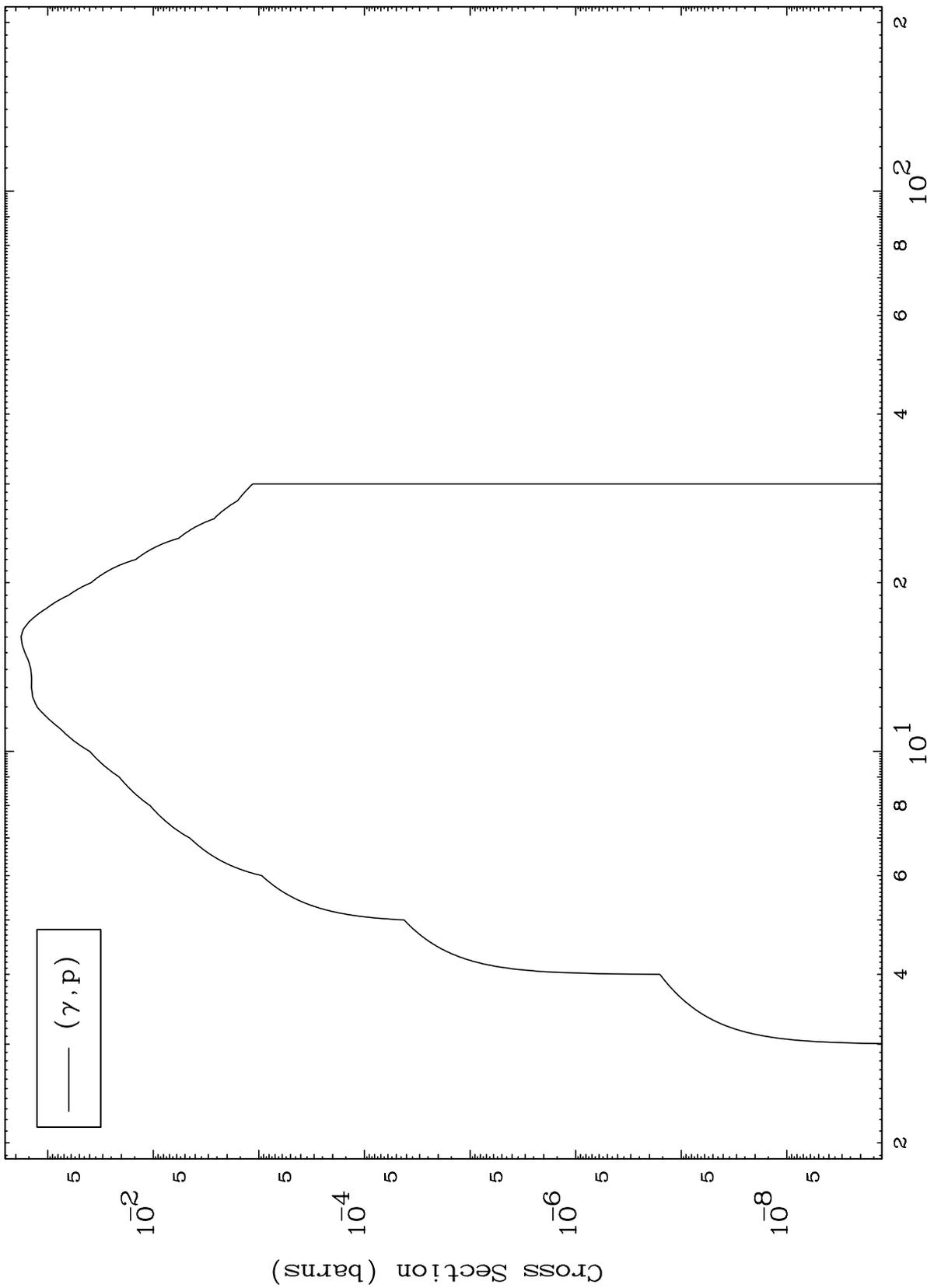
Incident Energy (MeV)

61-Pm-134

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61-Pm-134

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



61-Pm-134

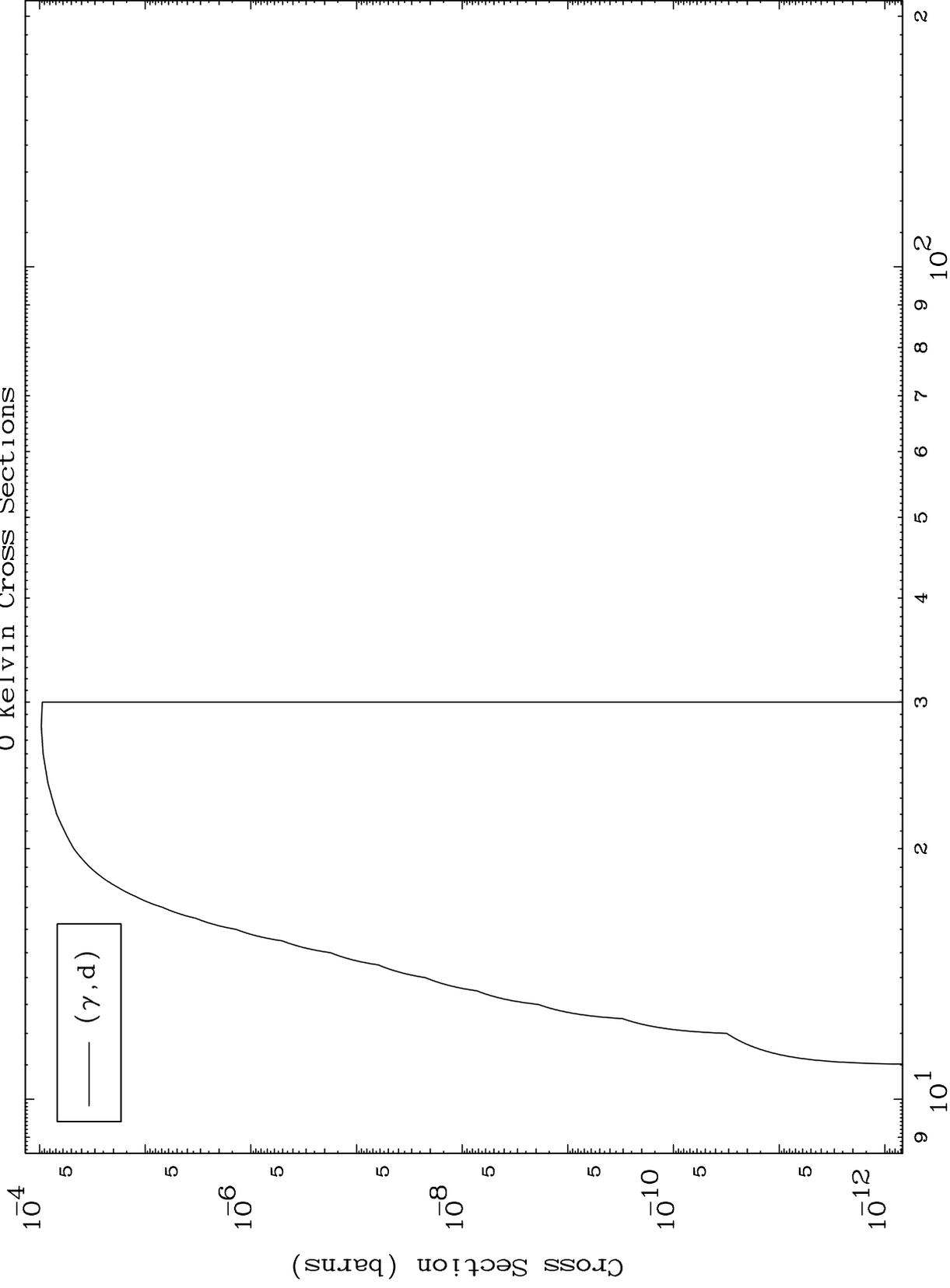
Incident Energy (MeV)

6

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

61-Pm-134



Incident Energy (MeV)

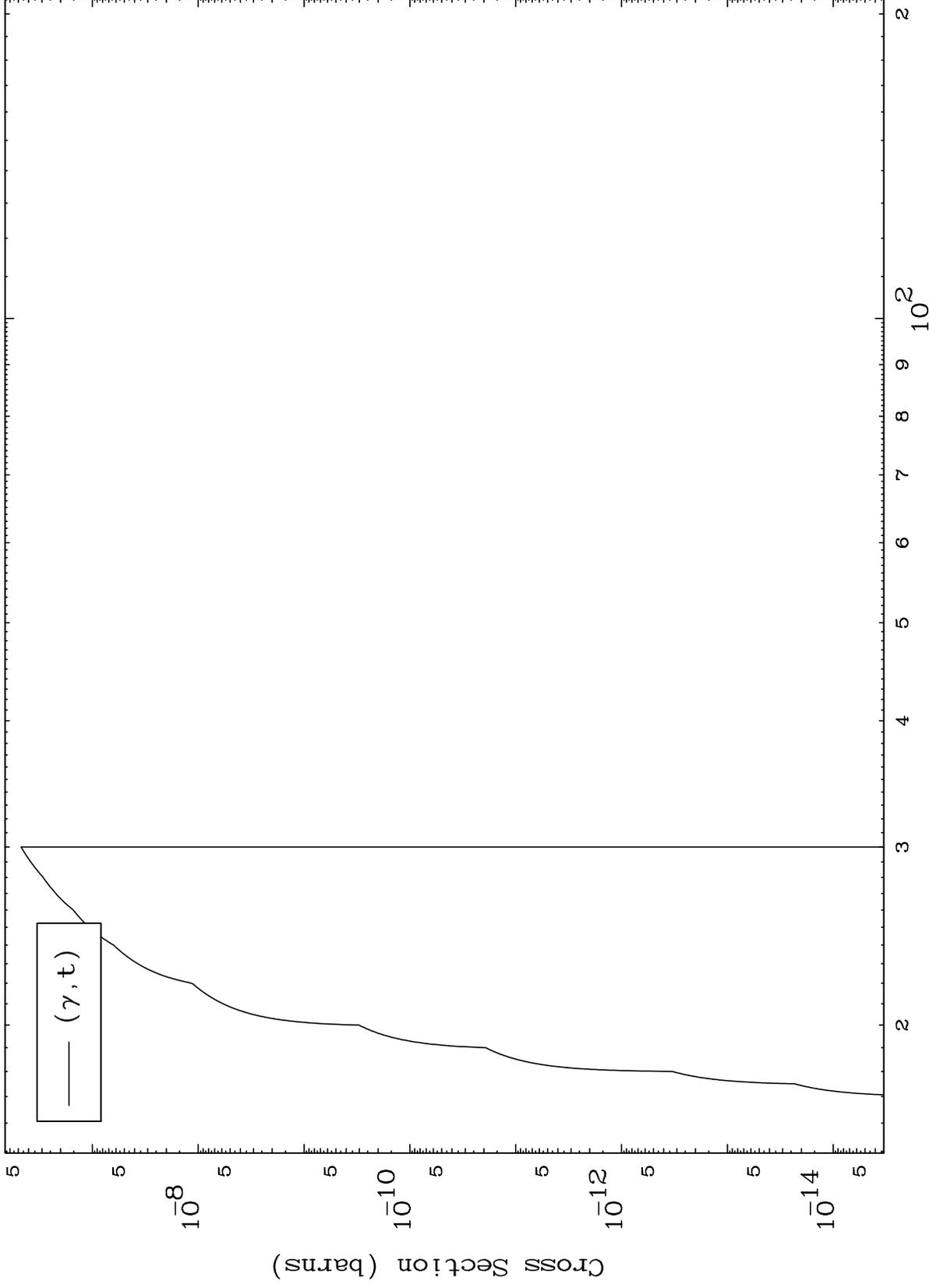
61-Pm-134

7

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

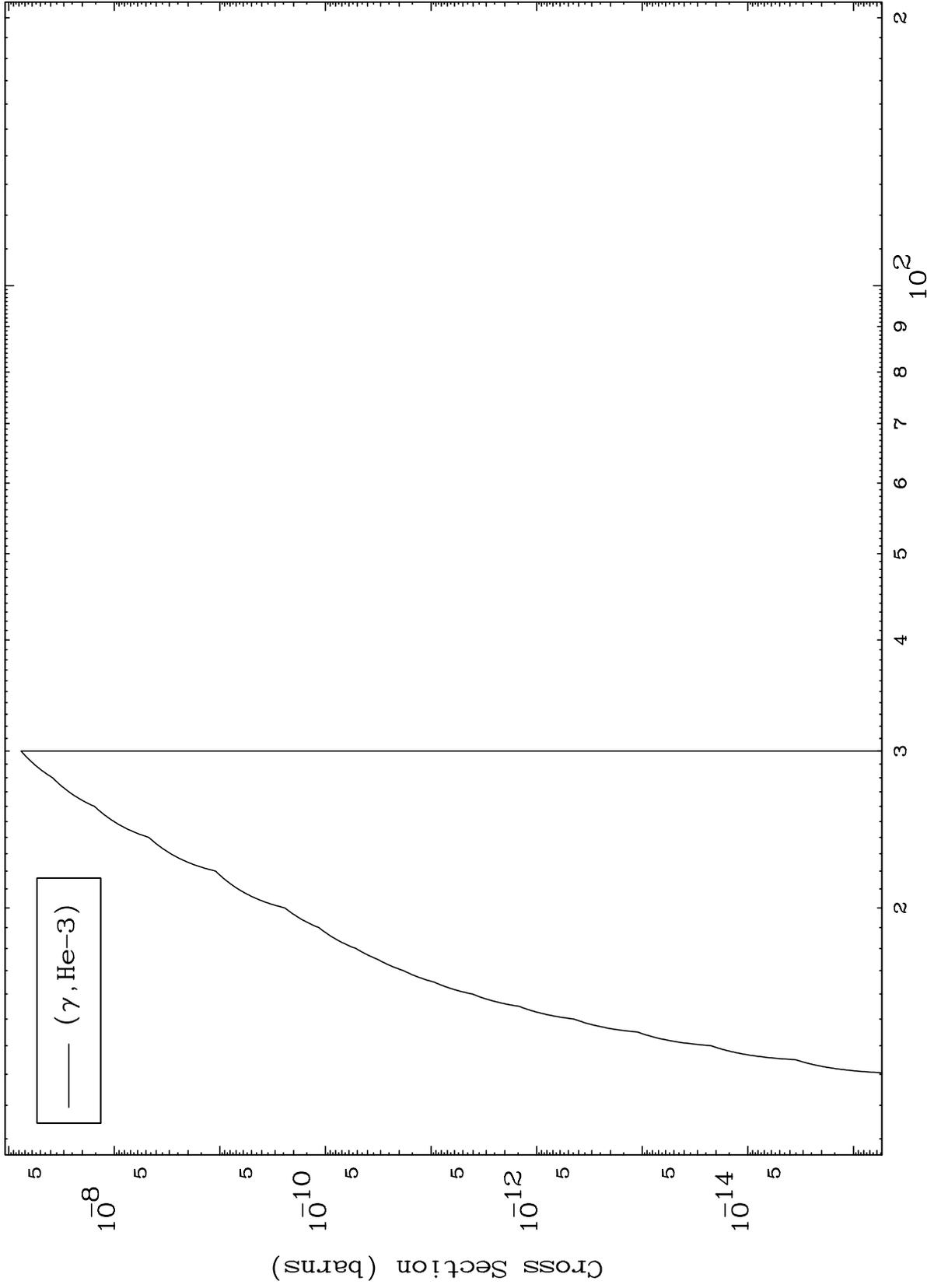
61-Pm-134



8

Incident Energy (MeV)

61-Pm-134

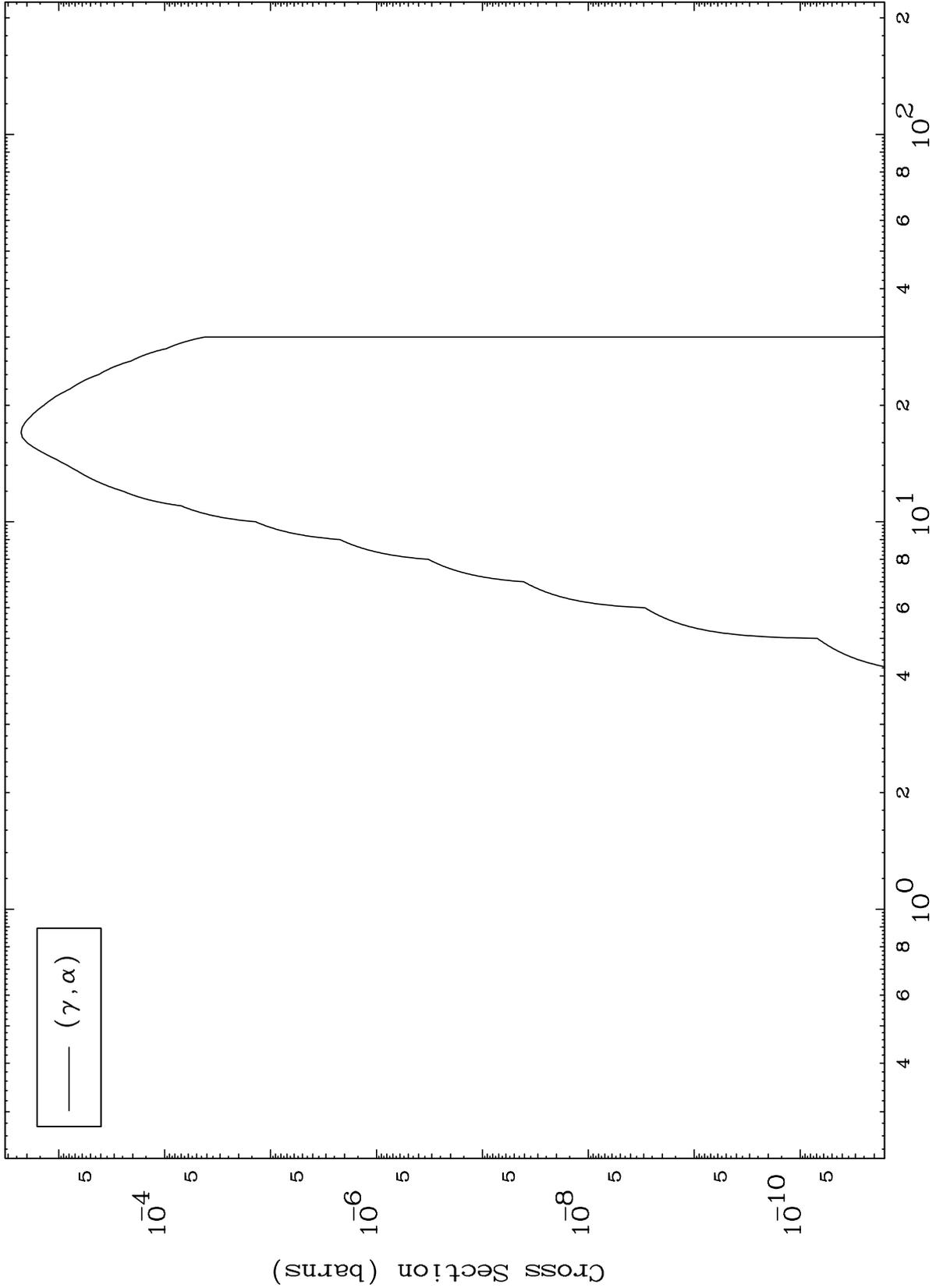


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( $\gamma, \alpha$ ) Levels

61-Pm-134

0 Kelvin Cross Sections



10

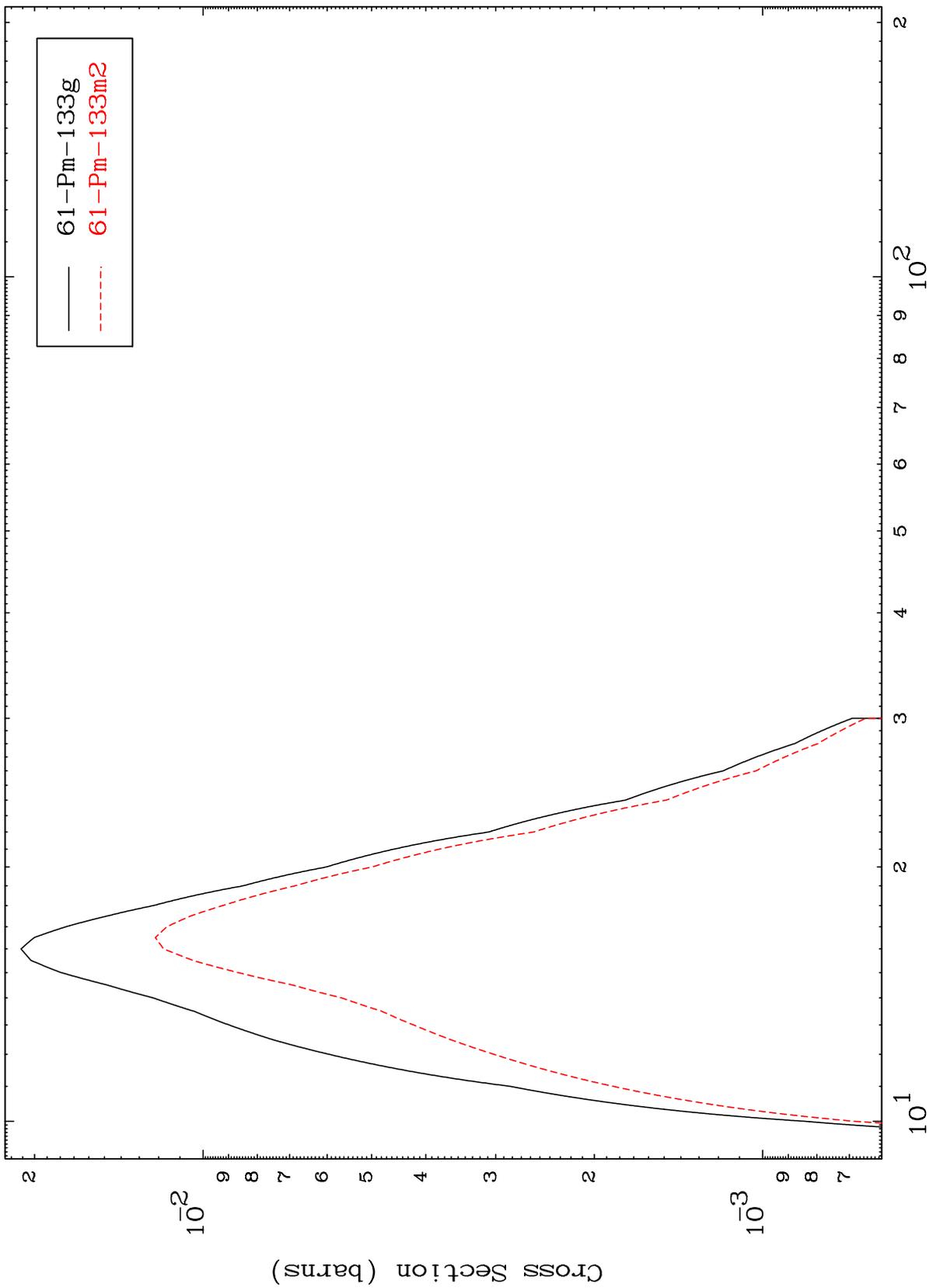
Incident Energy (MeV)

61-Pm-134

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61-Pm-134

Photon Inelastic  
Radionuclide Production Cross Section



61-Pm-134

Incident Energy (MeV)

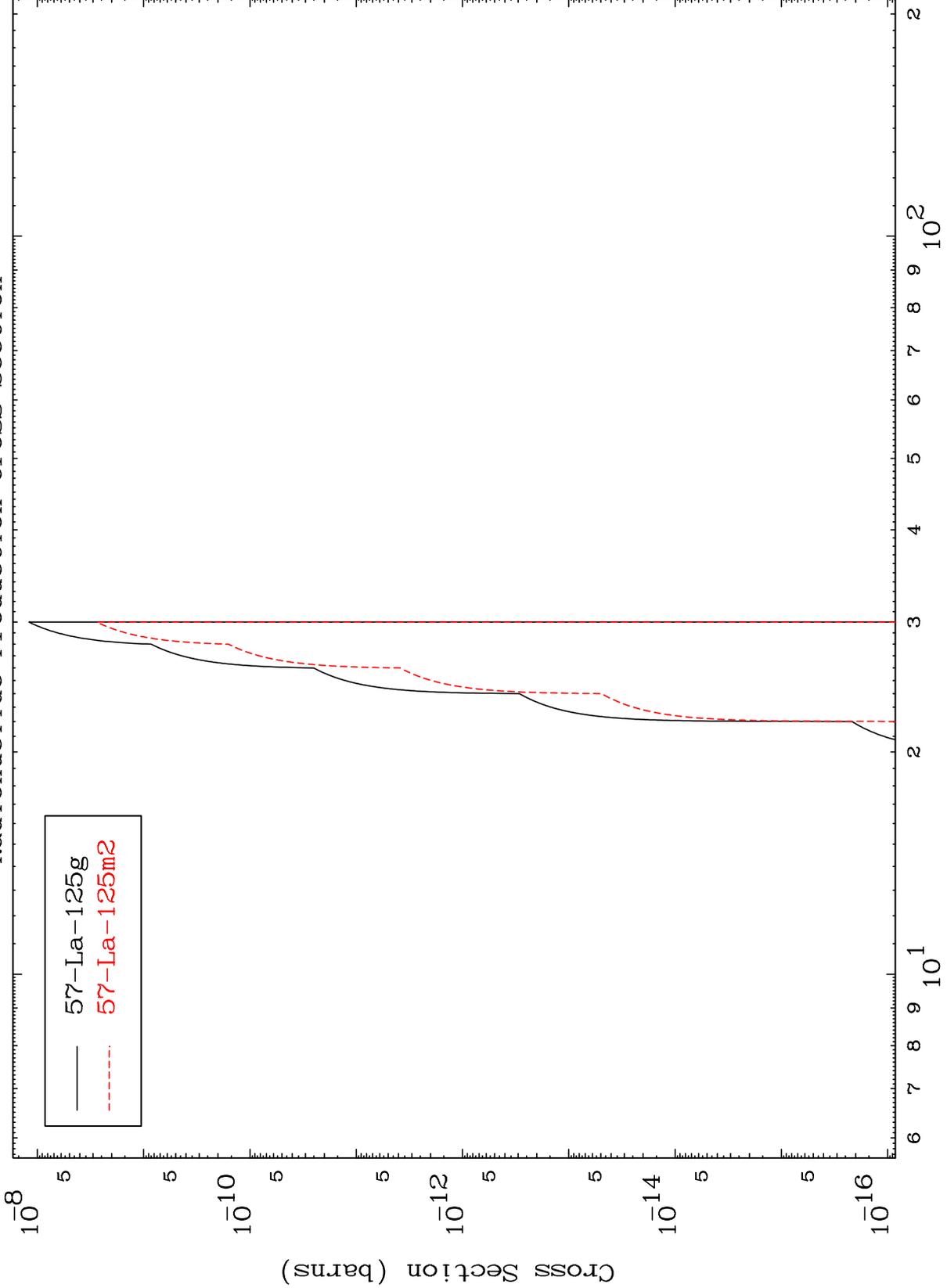
11

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$(\gamma, n')$   $2\alpha$

61-Pm-134

Radionuclide Production Cross Section



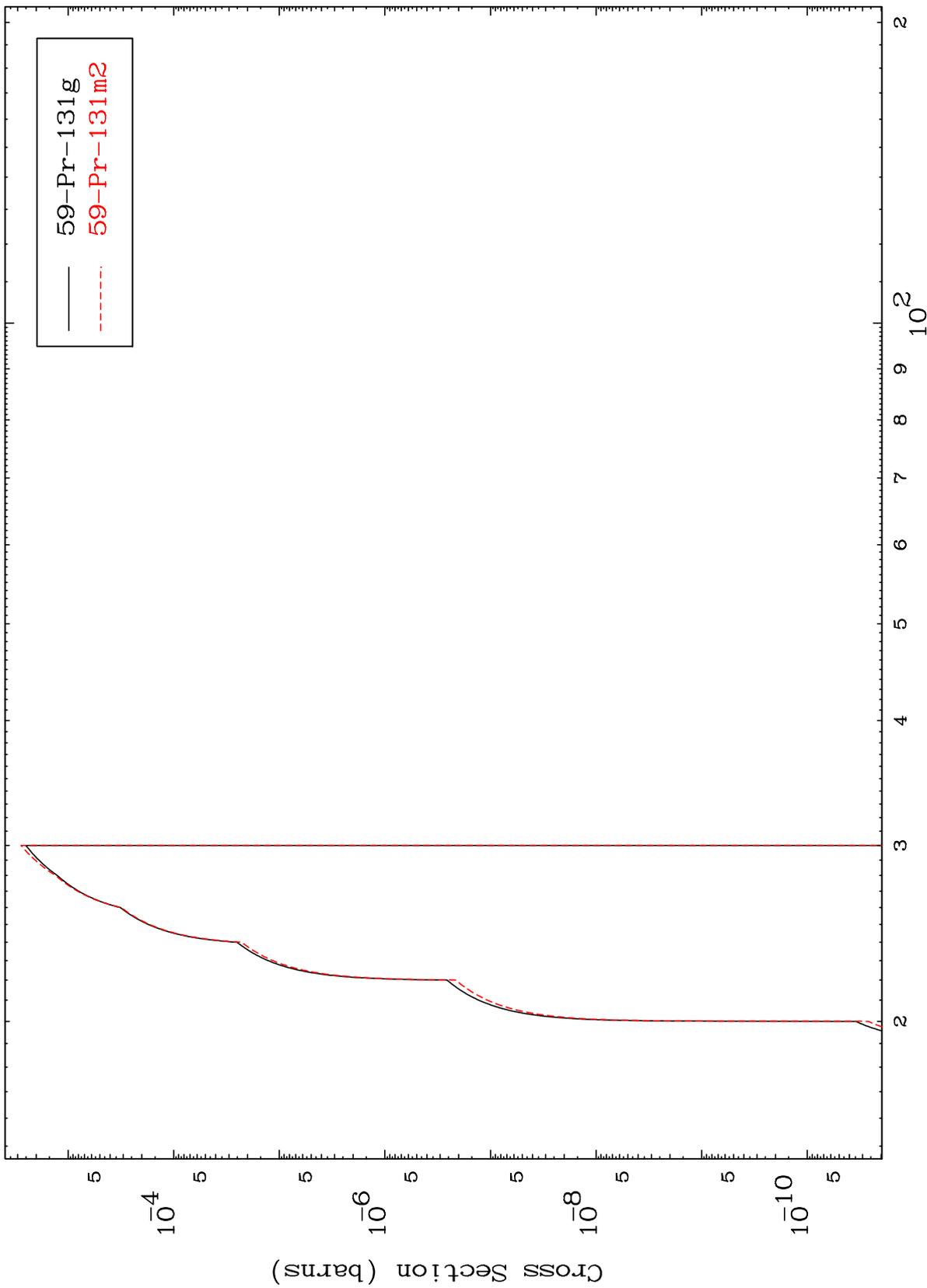
57-La-125g  
57-La-125m2

12

Incident Energy (MeV)

61-Pm-134

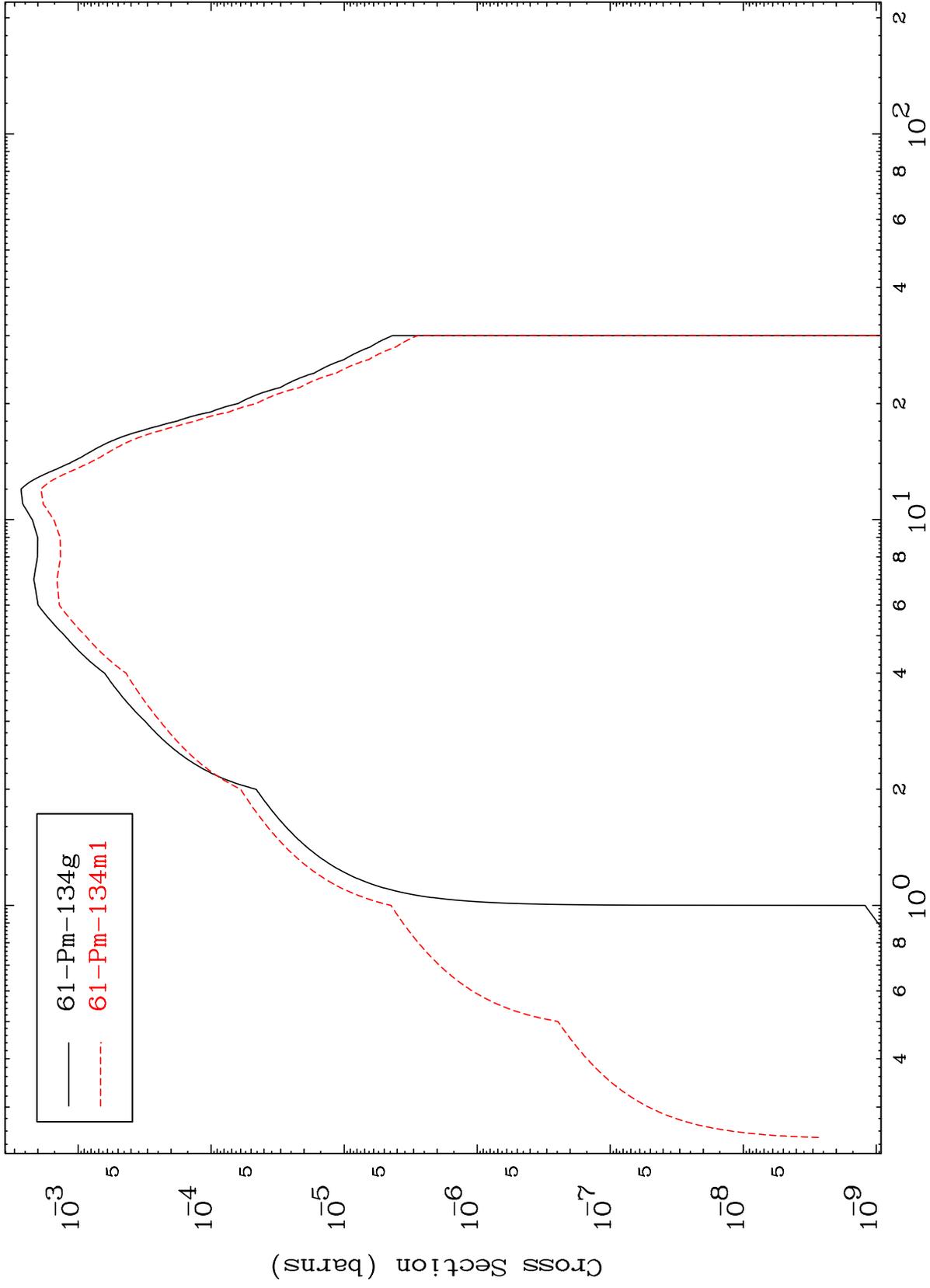
Radionuclide Production Cross Section



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61-Pm-134

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



14

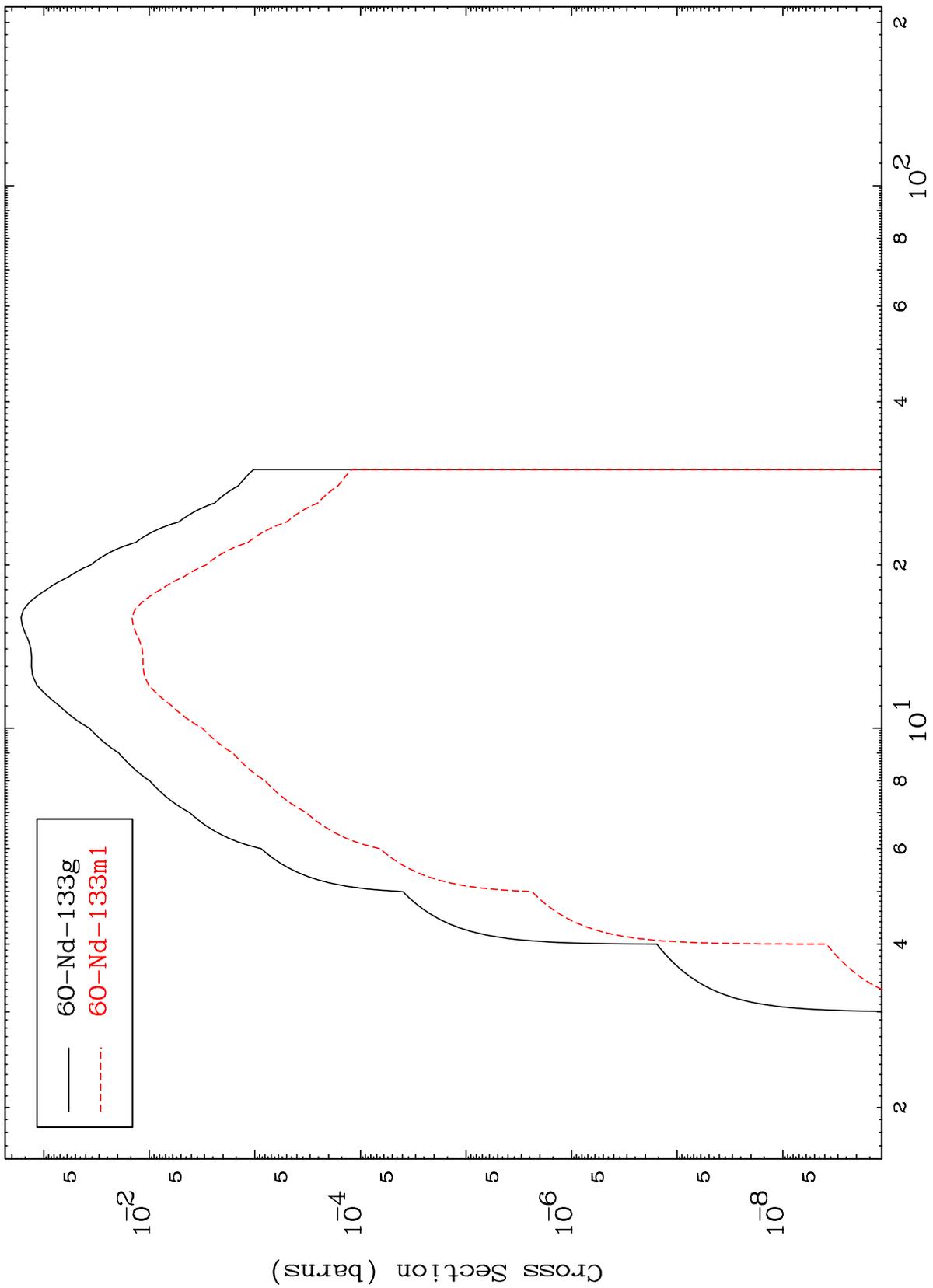
Incident Energy (MeV)

61-Pm-134

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61-Pm-134

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



60-Nd-133g  
60-Nd-133m1

15

Incident Energy (MeV)

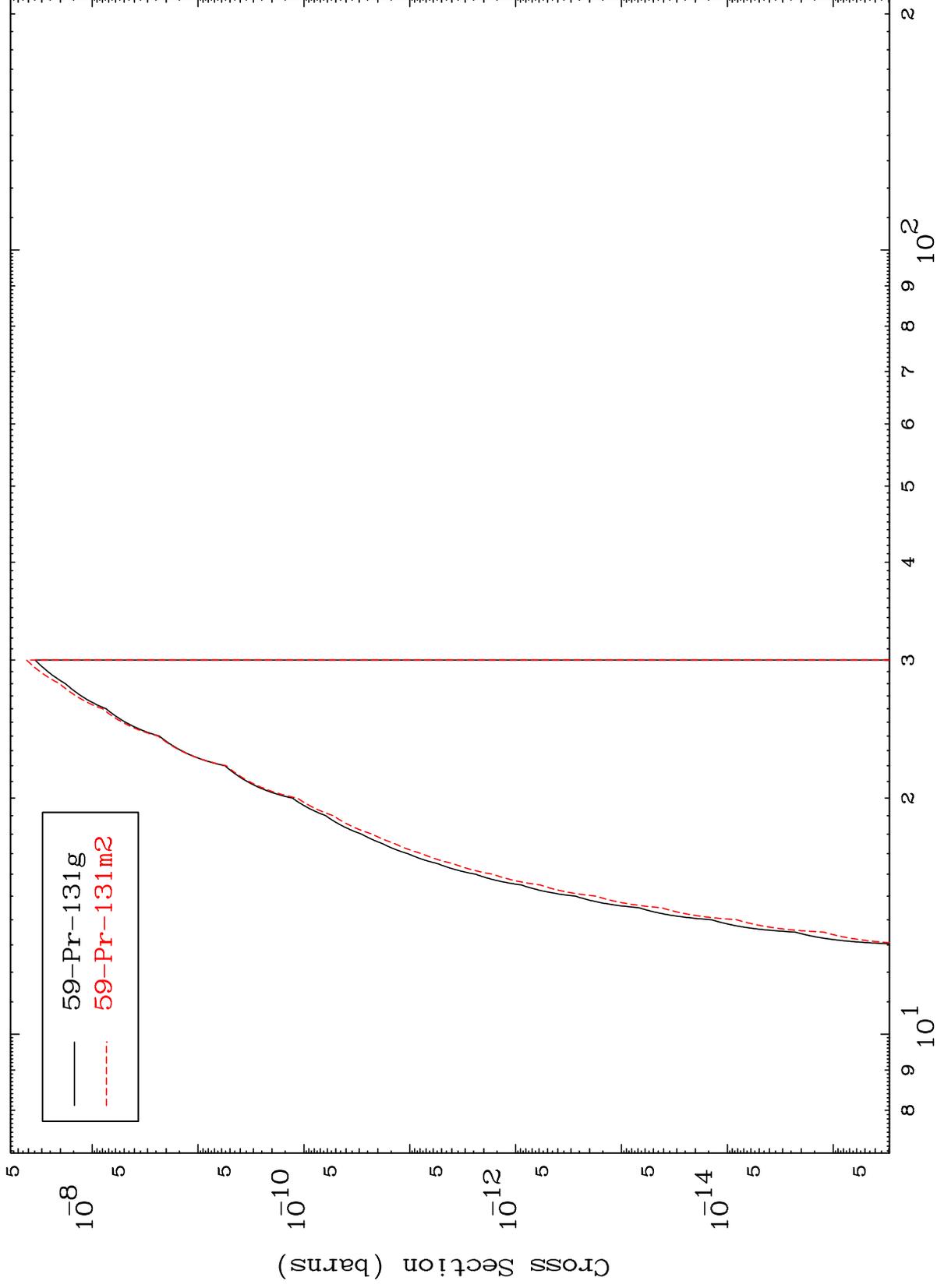
61-Pm-134

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( $\gamma, \text{He-3}$ )

61-Pm-134

Radionuclide Production Cross Section



16

Incident Energy (MeV)

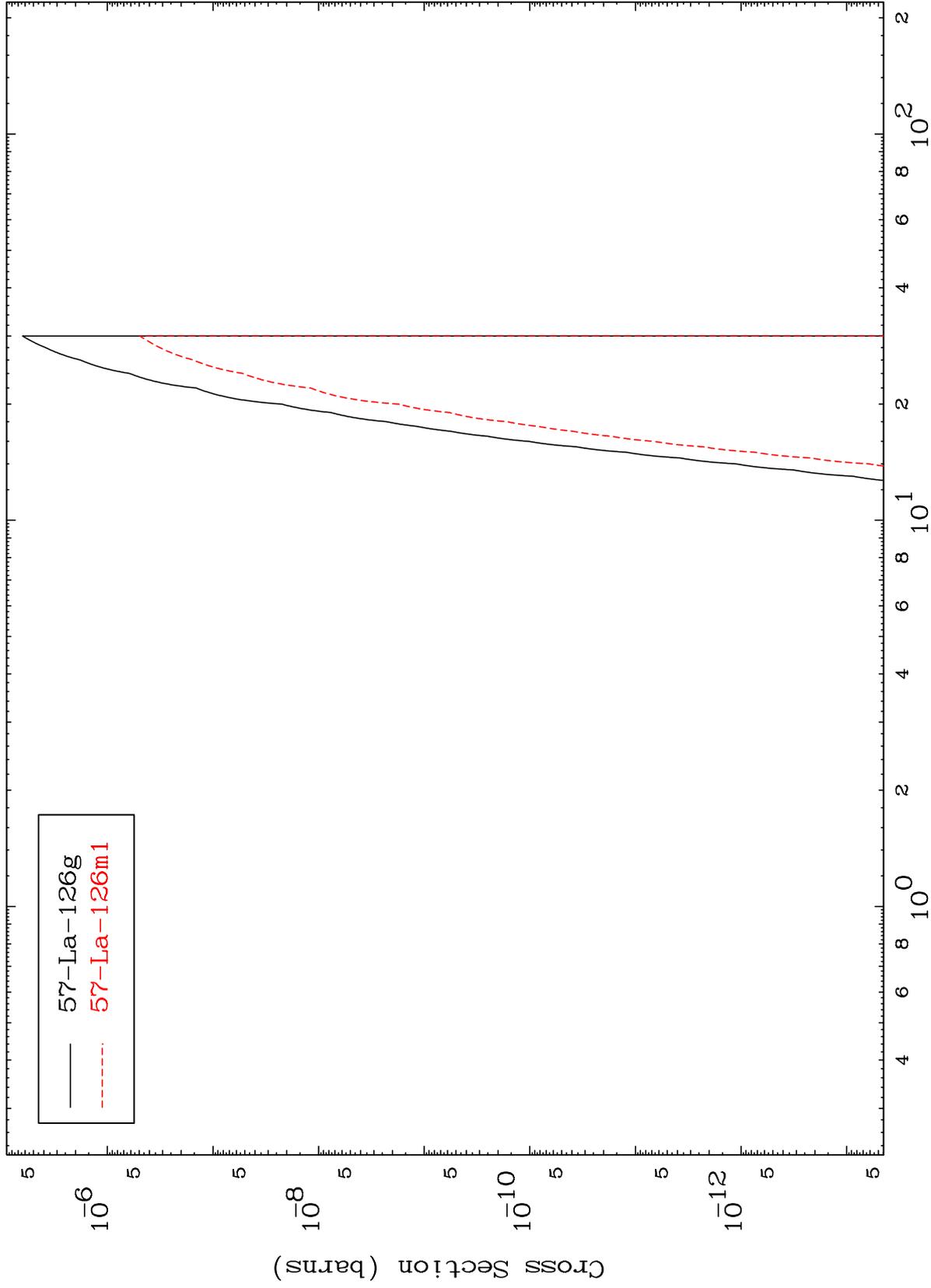
61-Pm-134

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( $\gamma, 2\alpha$ )

61-Pm-134

Radionuclide Production Cross Section

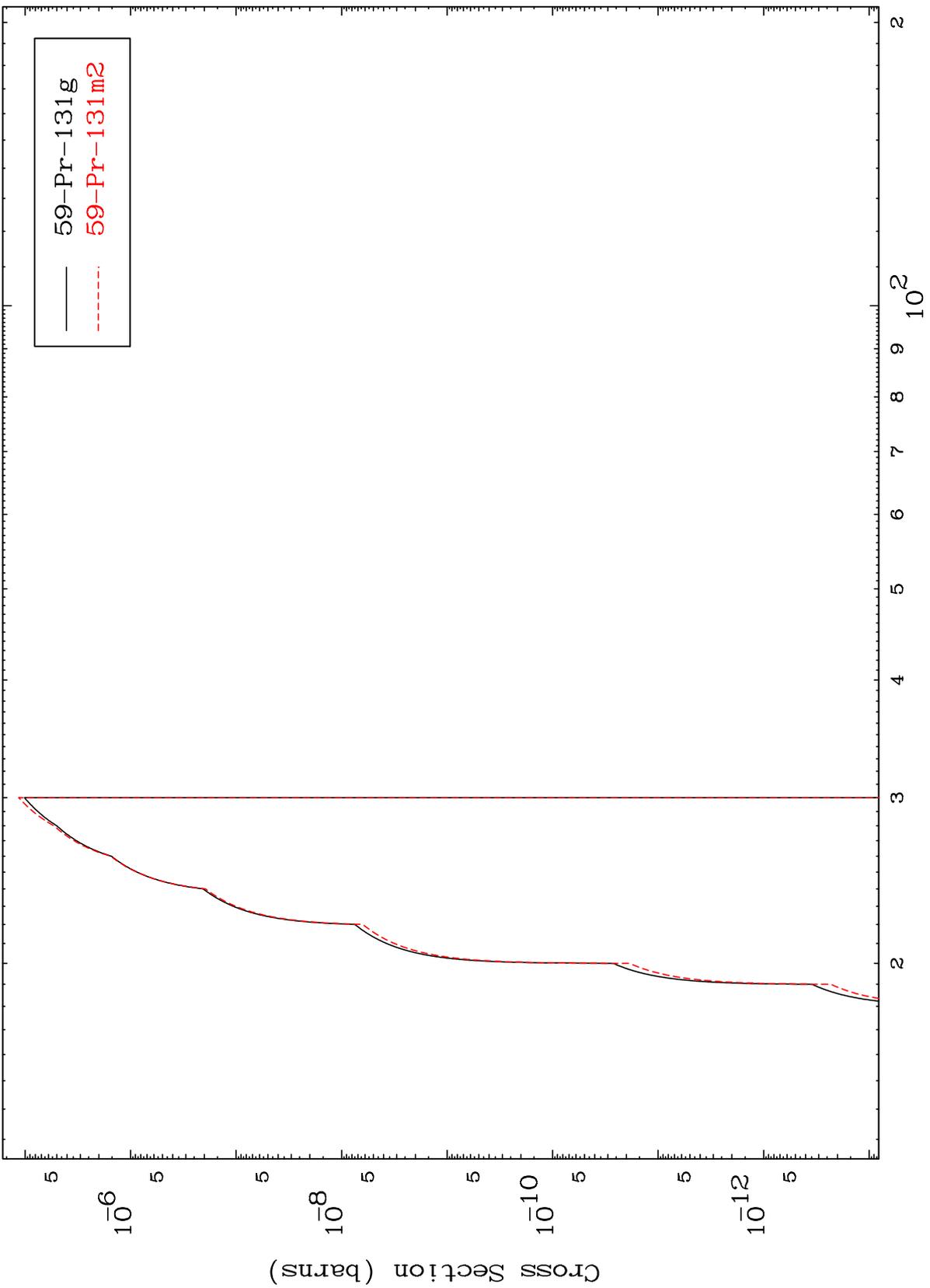


MAT 6110

( $\gamma, p$ ) d

61-Pm-134

Radionuclide Production Cross Section



18

Incident Energy (MeV)

61-Pm-134