

Program EVALPLOT  
(Version 2018-1)

by

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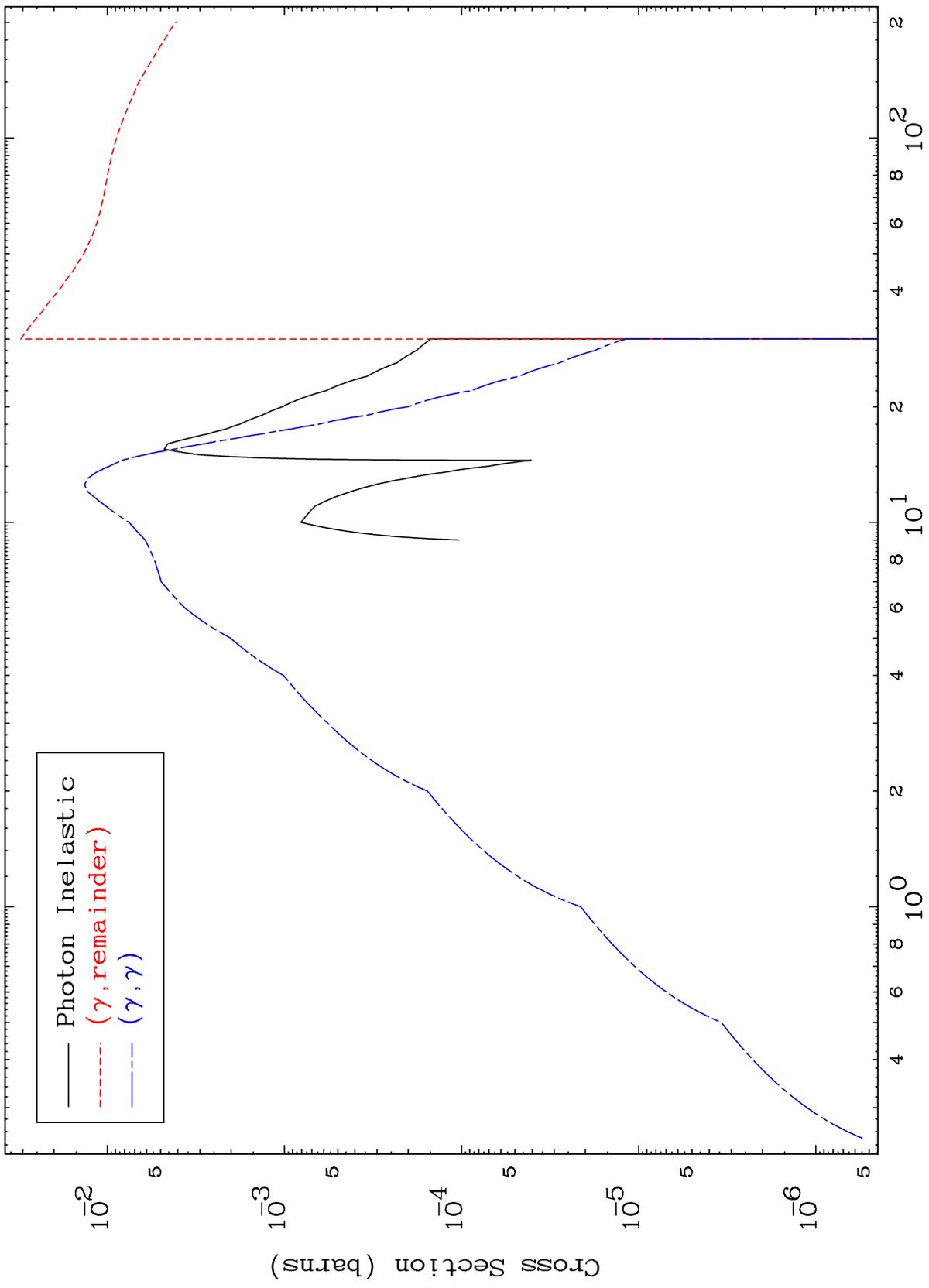
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Press Mouse Button to Start

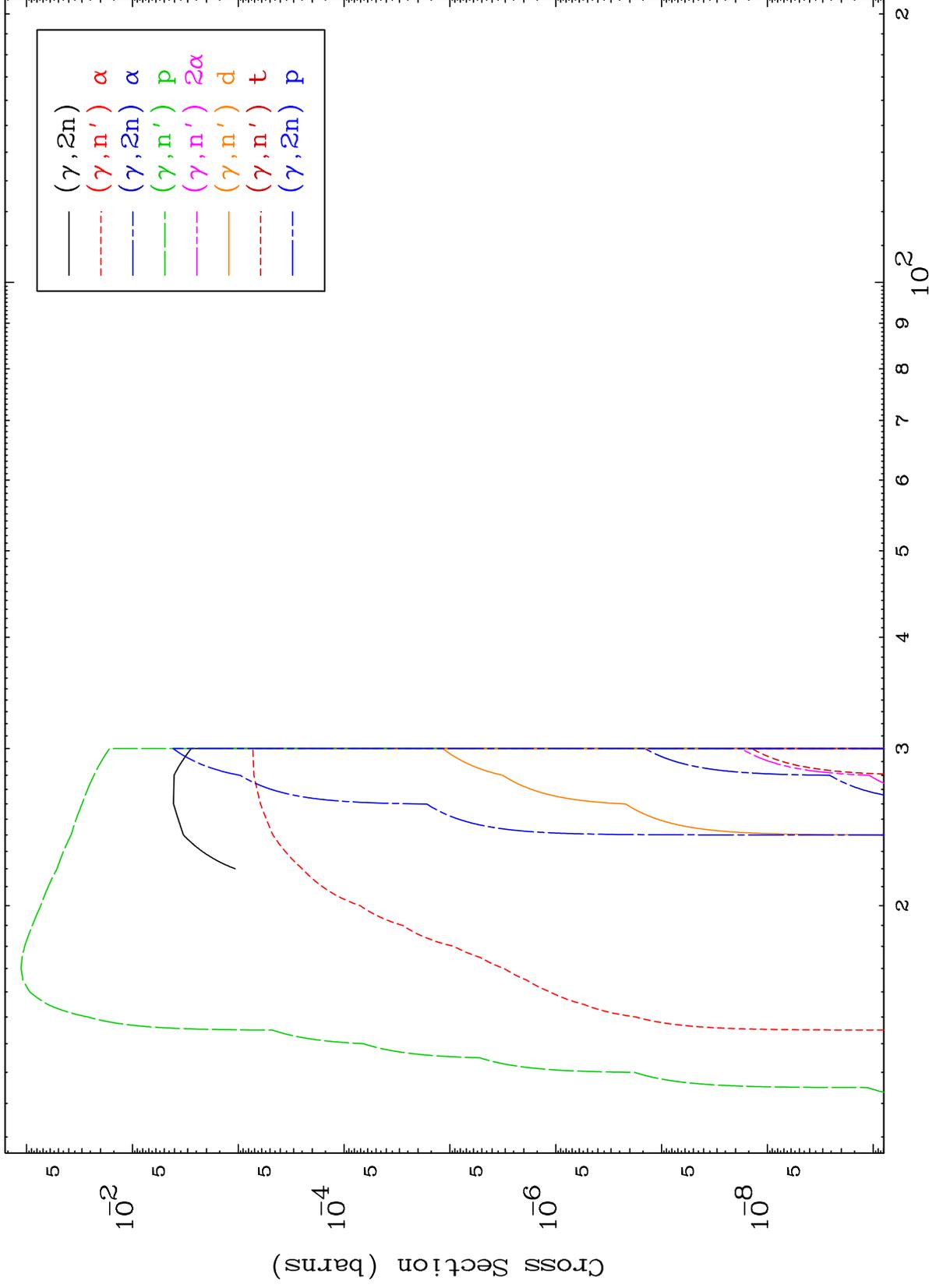
MAT 6117

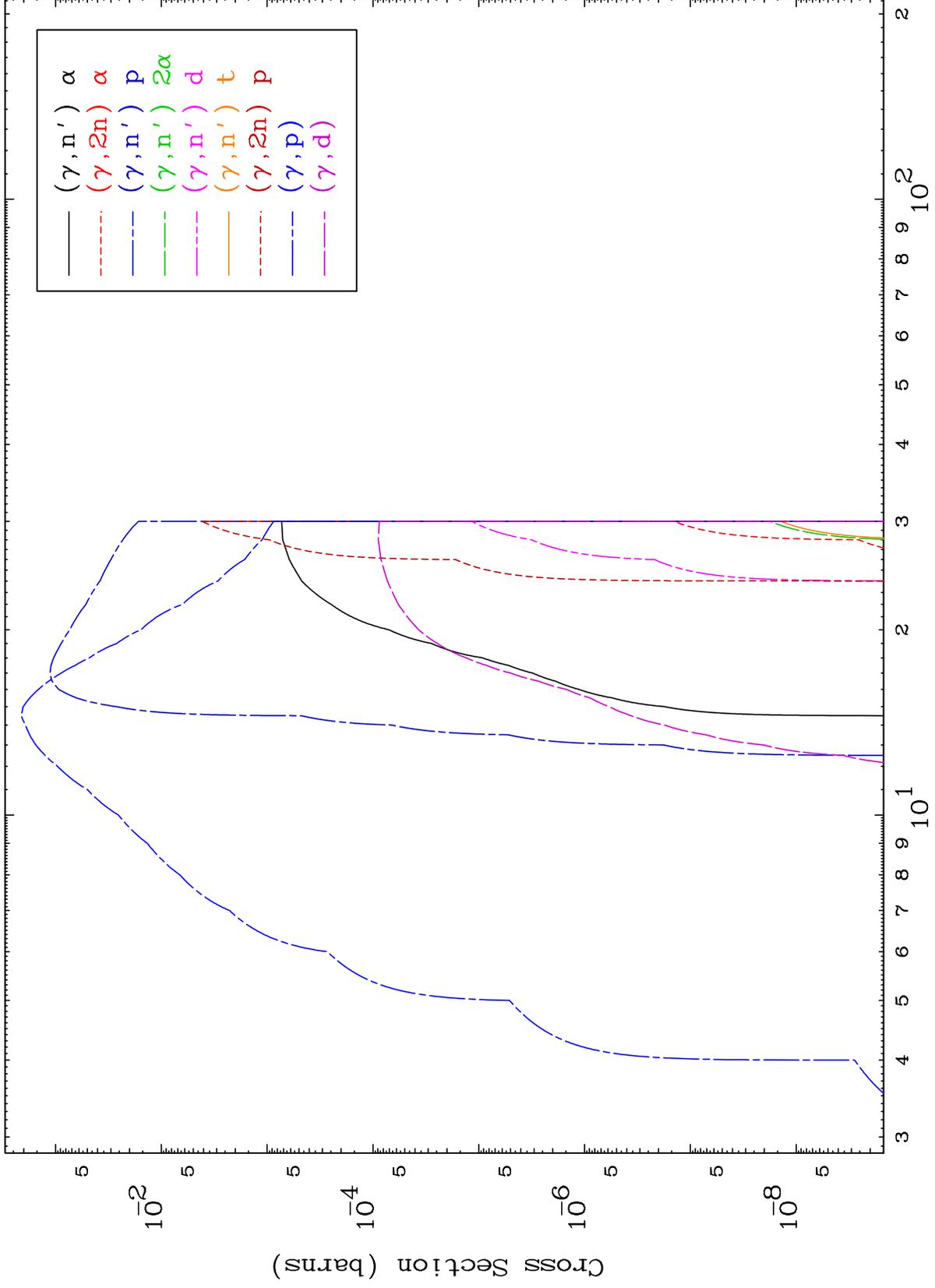
Photon Major  
0 Kelvin Cross Sections

61-Pm-136



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

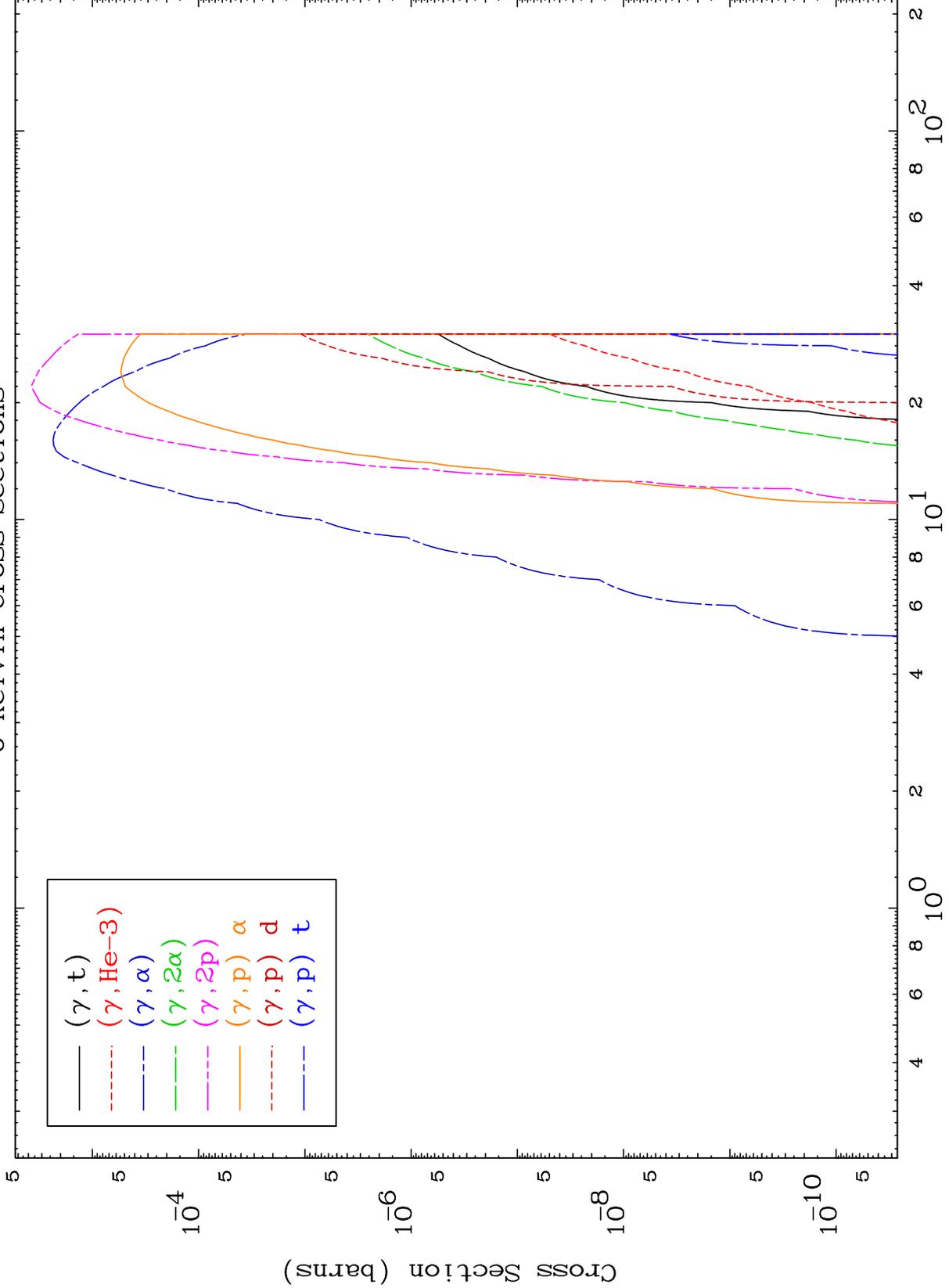




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Photon Charged Particle  
0 Kelvin Cross Sections

61-Pm-136

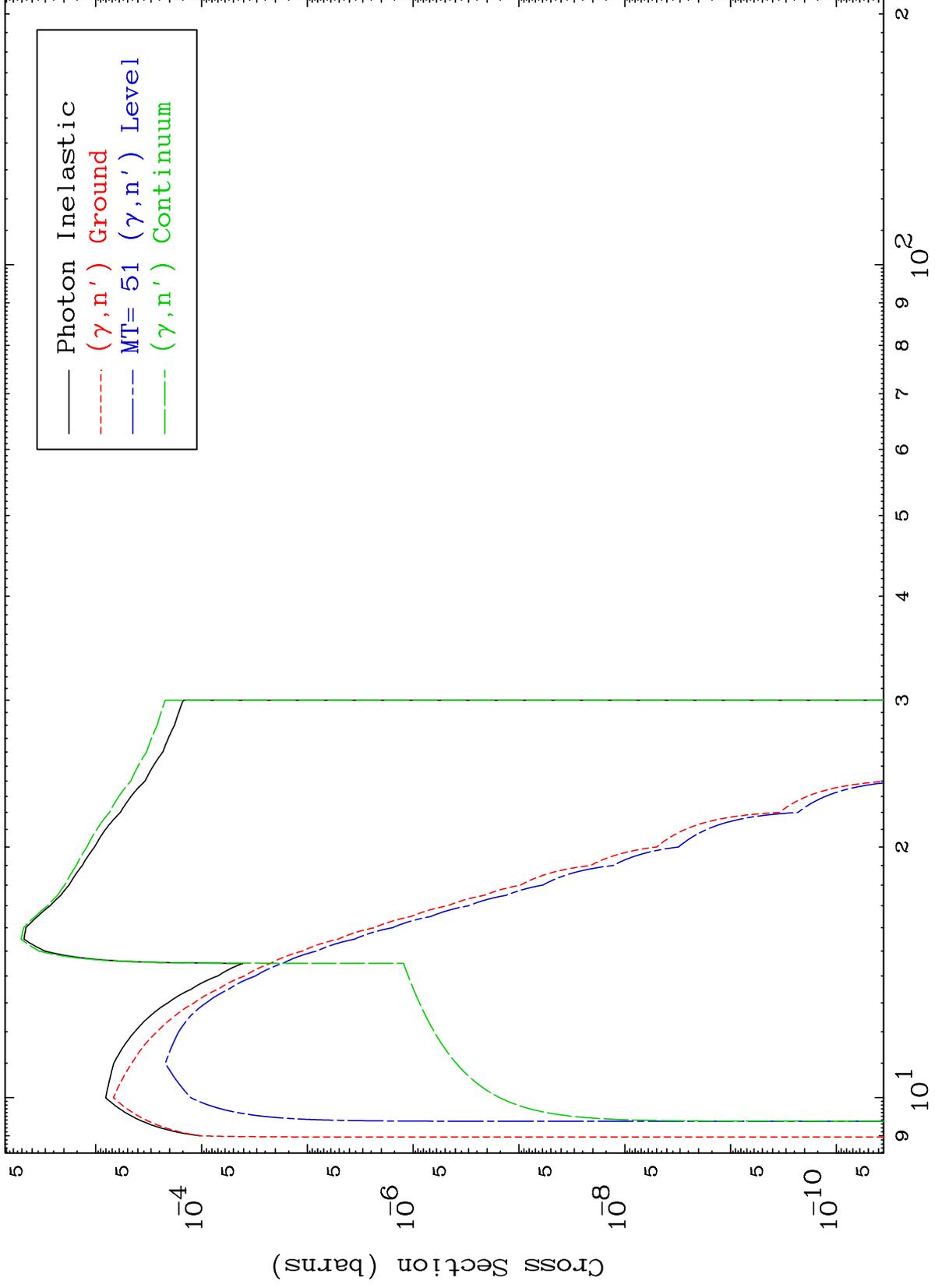


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$(\gamma, n')$  Level

61-Pm-136

0 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-136

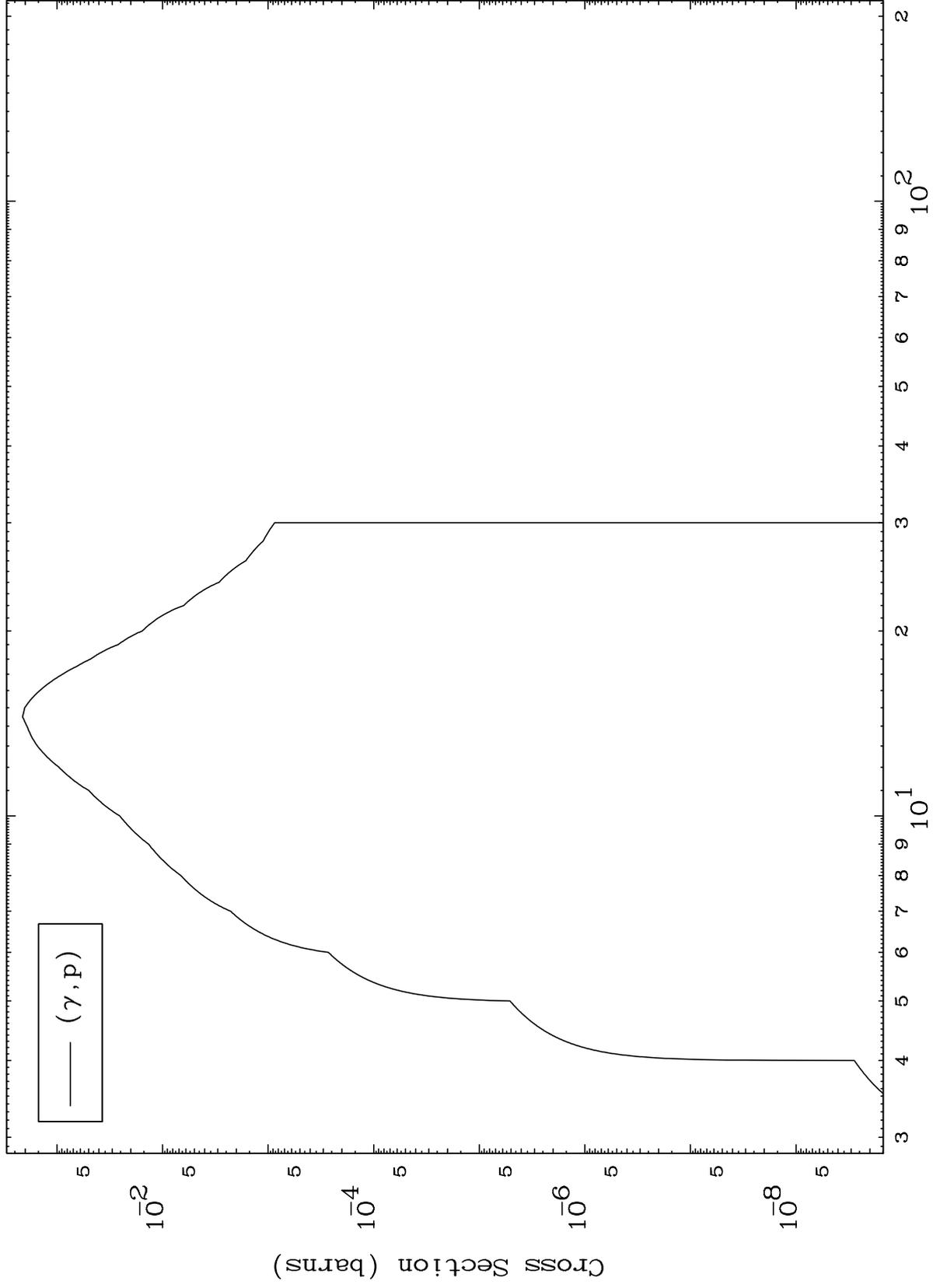
5

MAT 6117

( $\gamma, p$ ) Levels

61-Pm-136

0 Kelvin Cross Sections



Incident Energy (MeV)

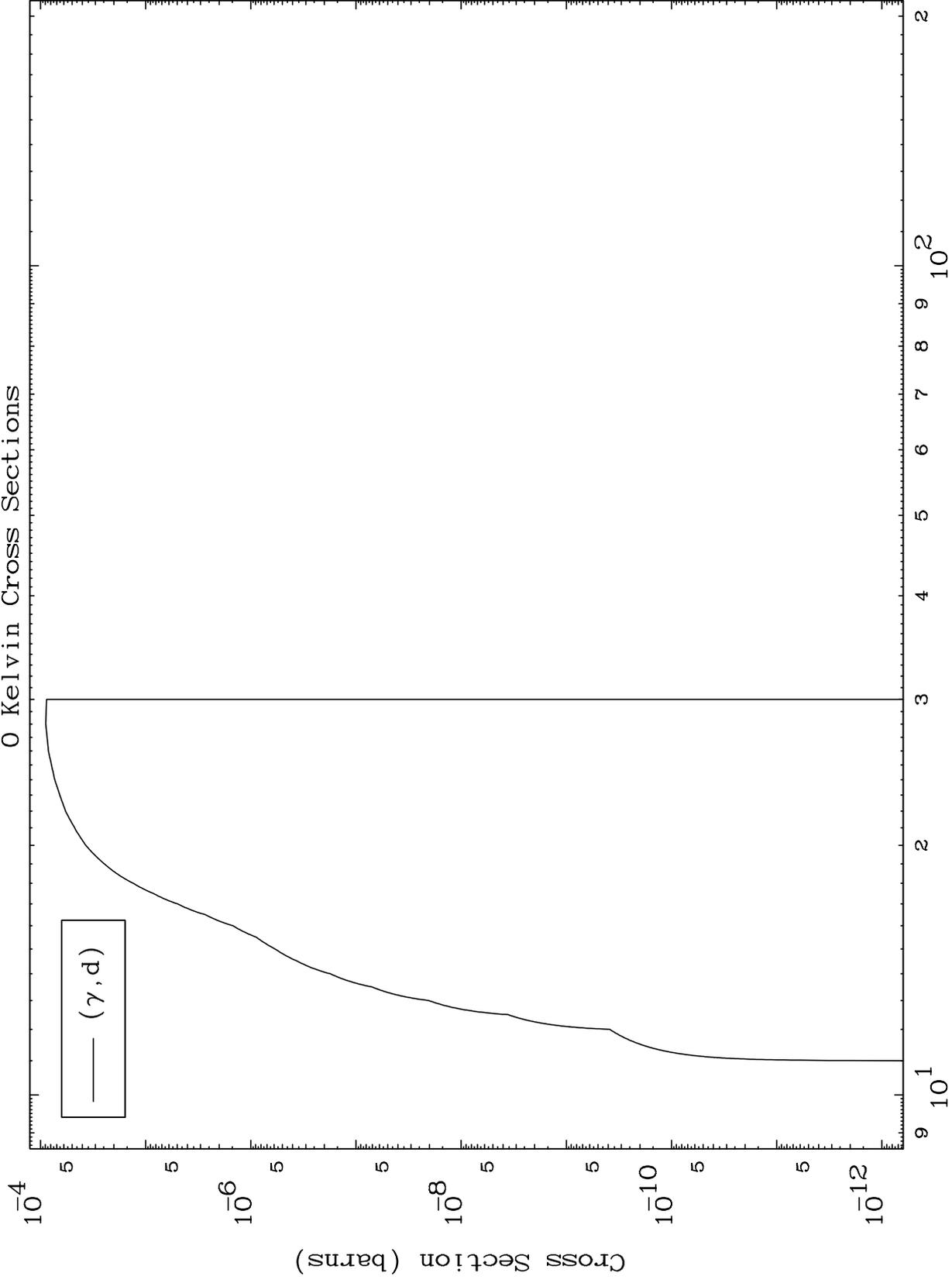
61-Pm-136

6

MAT 6117

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

61-Pm-136



Incident Energy (MeV)

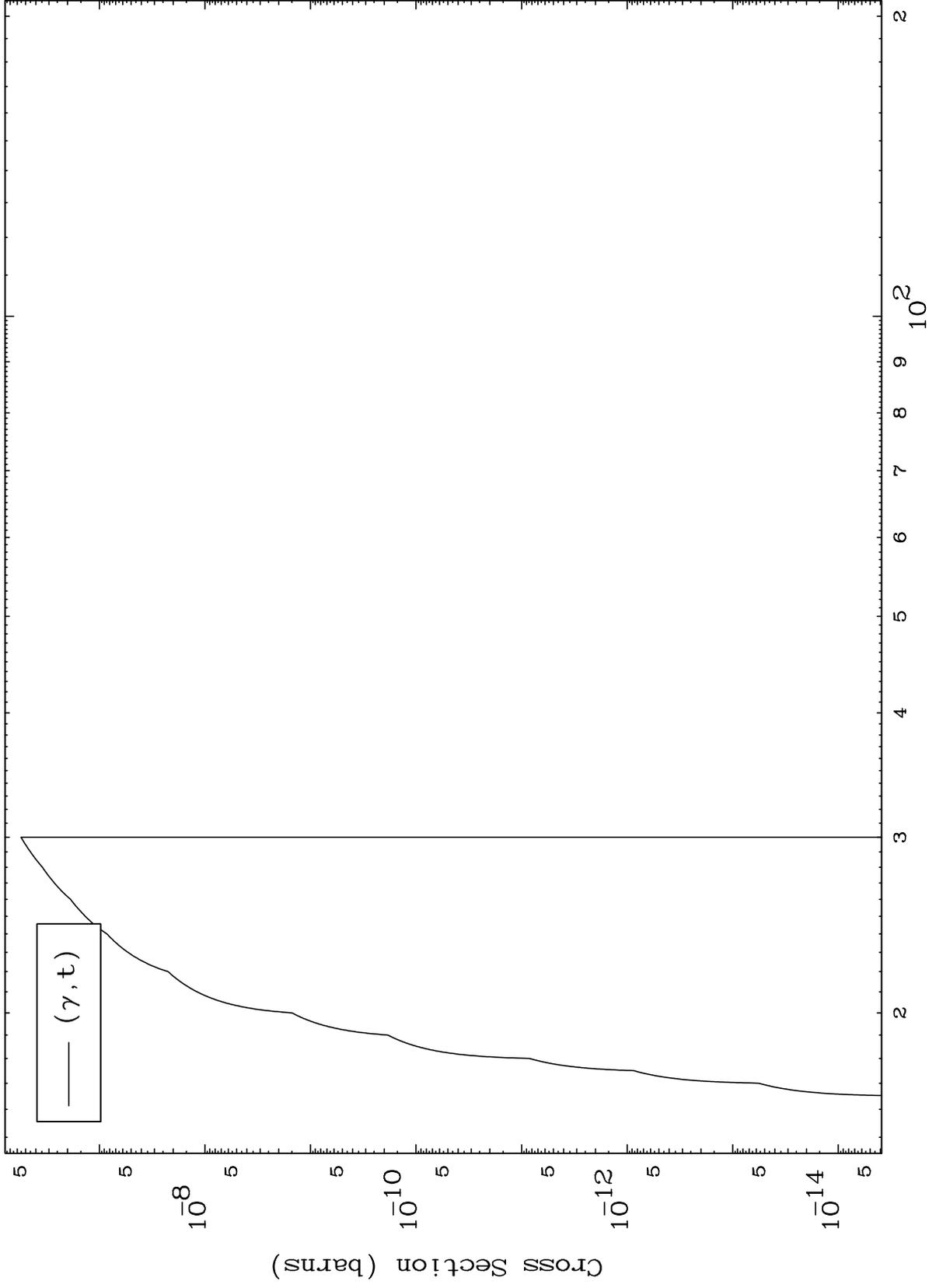
61-Pm-136

7

MAT 61117

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

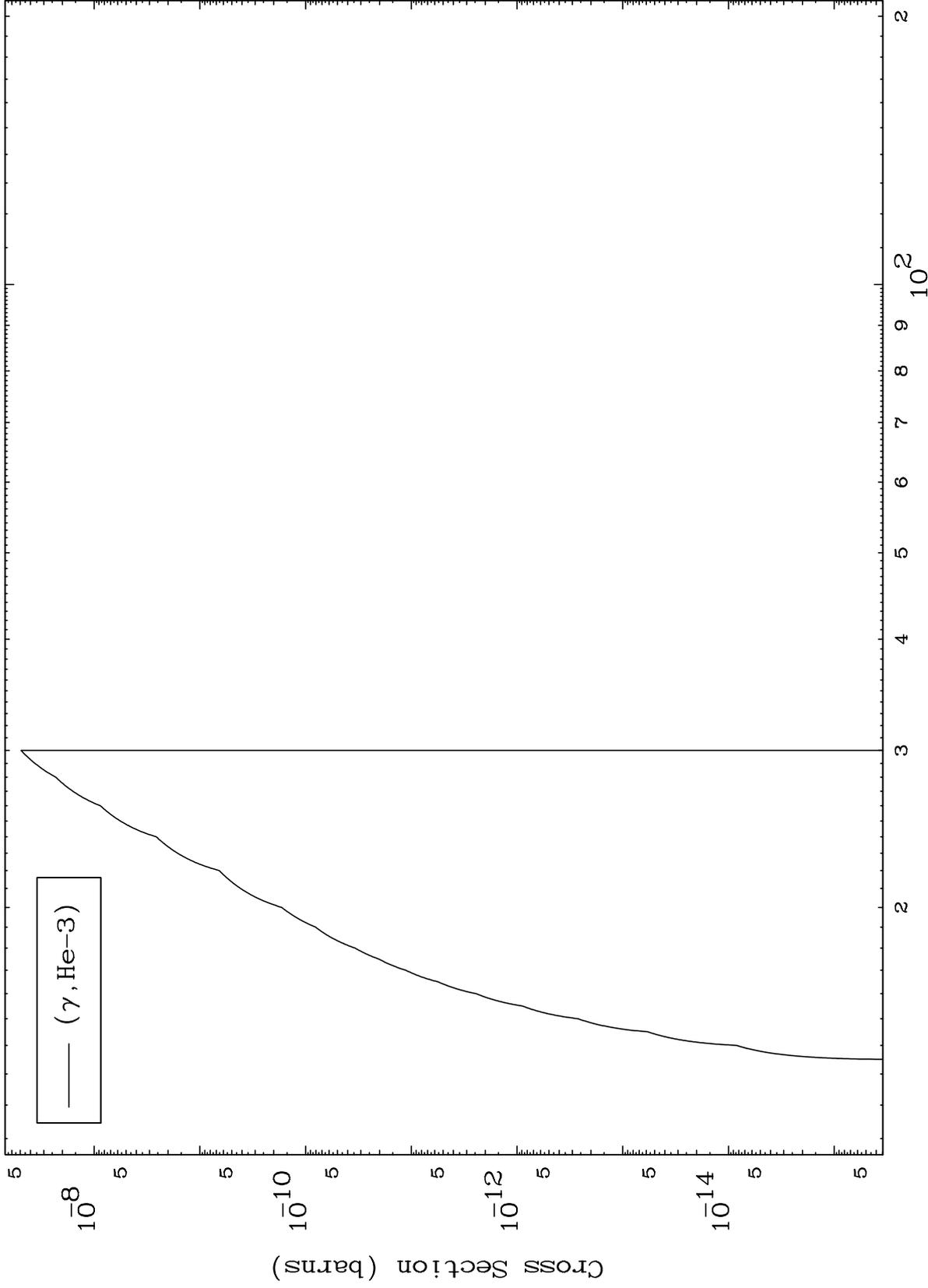
61-Pm-136



8

Incident Energy (MeV)

61-Pm-136

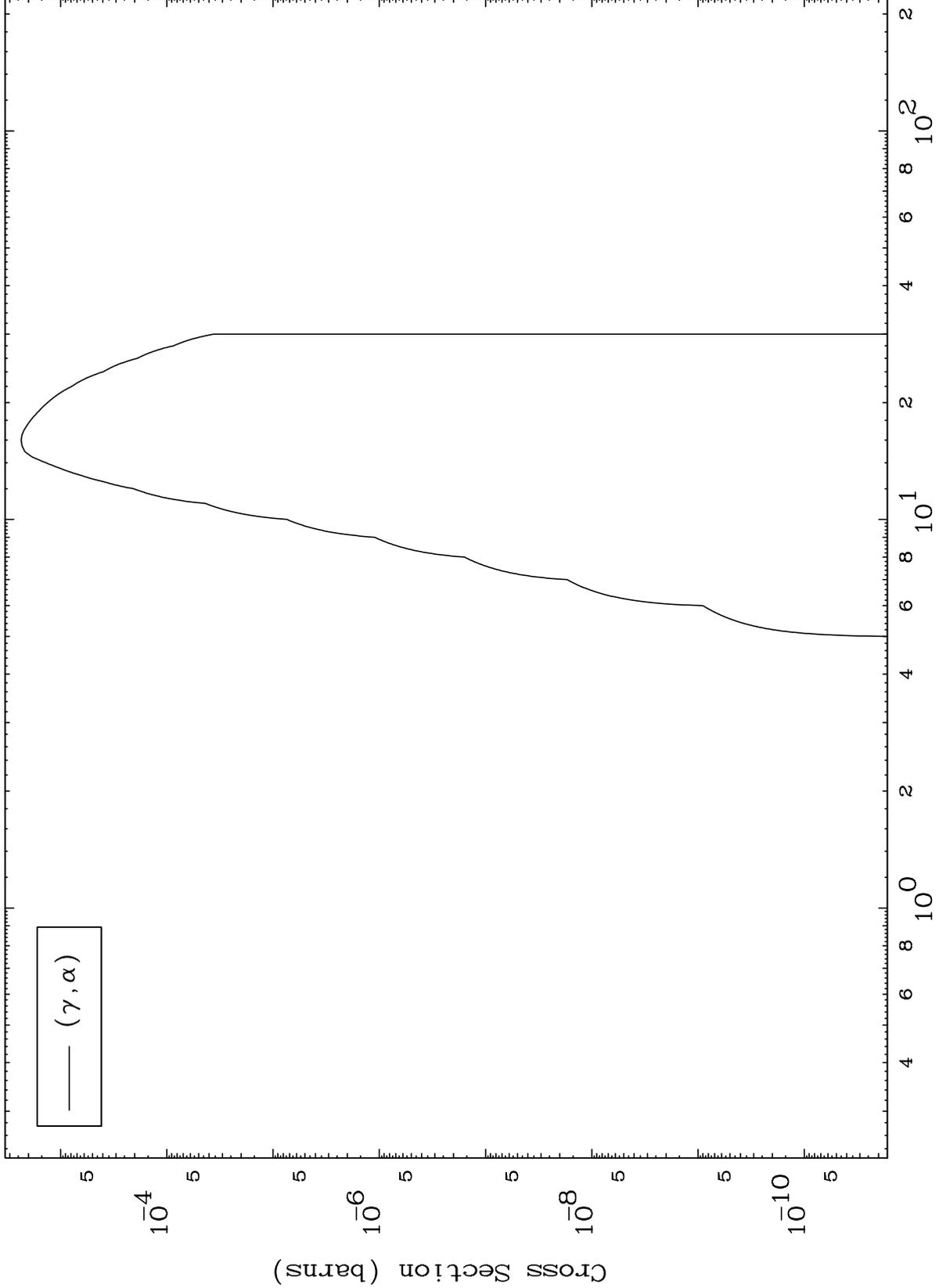


MAT 6117

( $\gamma, \alpha$ ) Levels

61-Pm-136

0 Kelvin Cross Sections



10

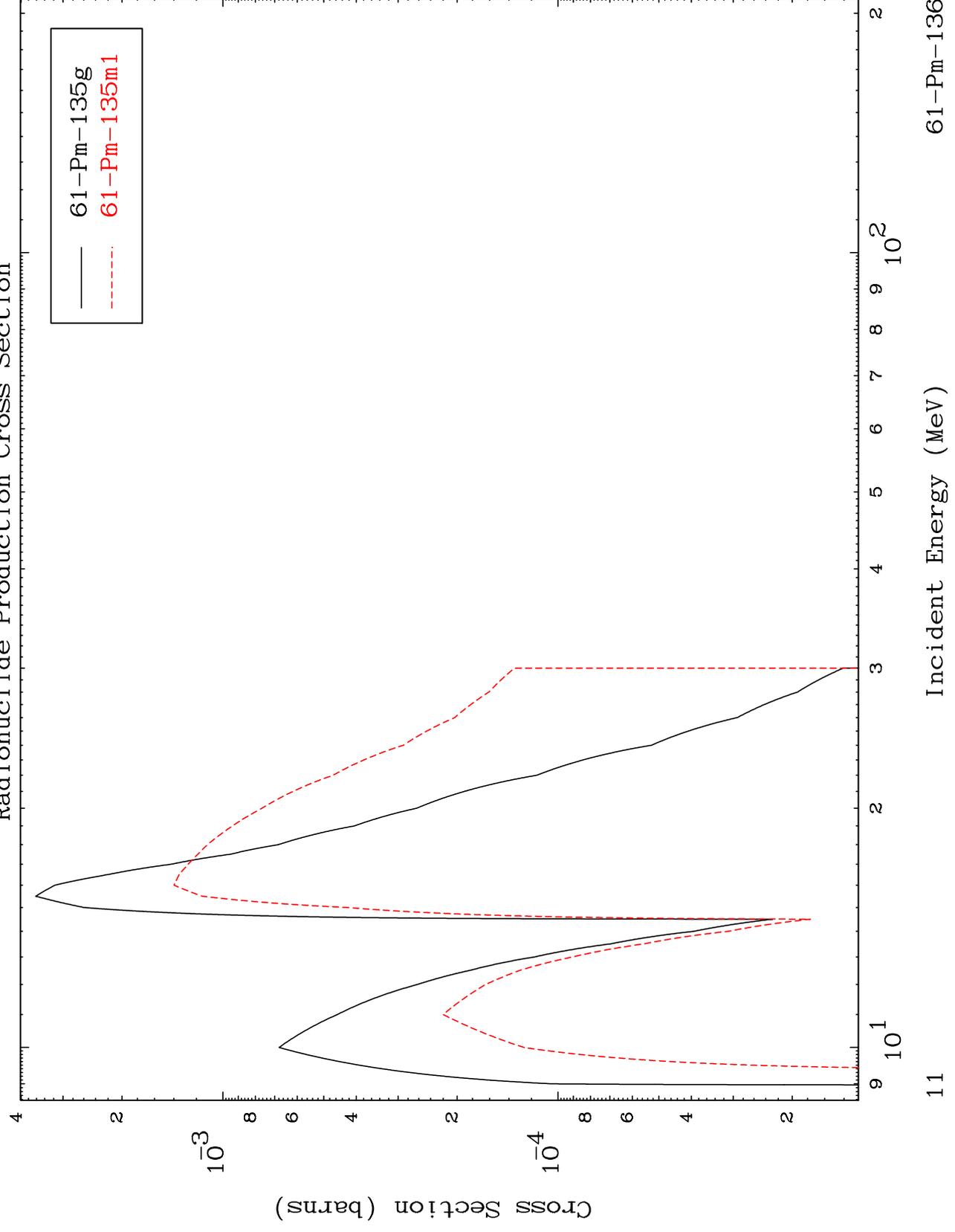
Incident Energy (MeV)

61-Pm-136

MAT 6117

Photon Inelastic  
Radionuclide Production Cross Section

61-Pm-136



61-Pm-136

Incident Energy (MeV)

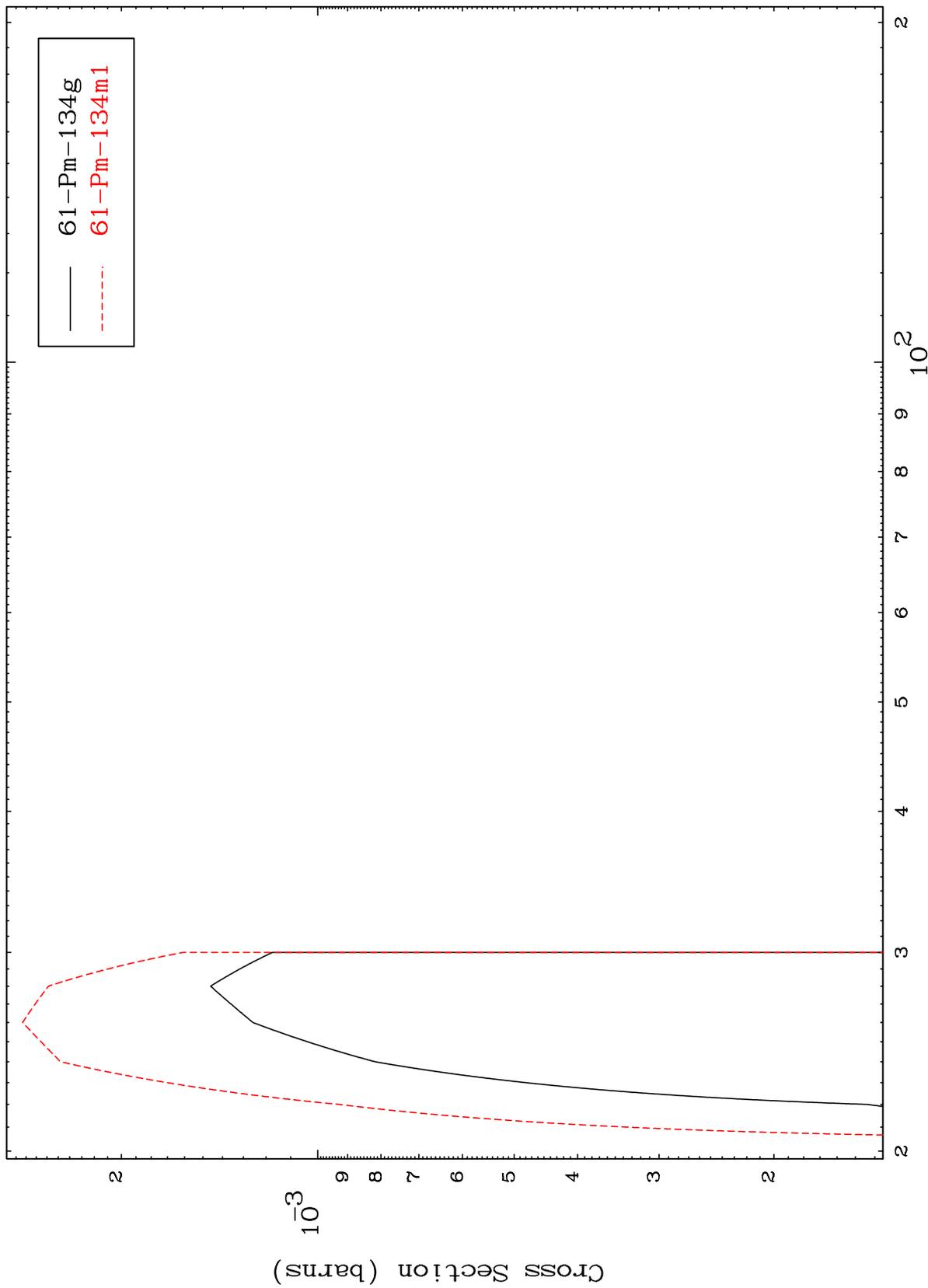
11

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61-Pm-136

( $\gamma, 2n$ )

Radionuclide Production Cross Section



61-Pm-136

Incident Energy (MeV)

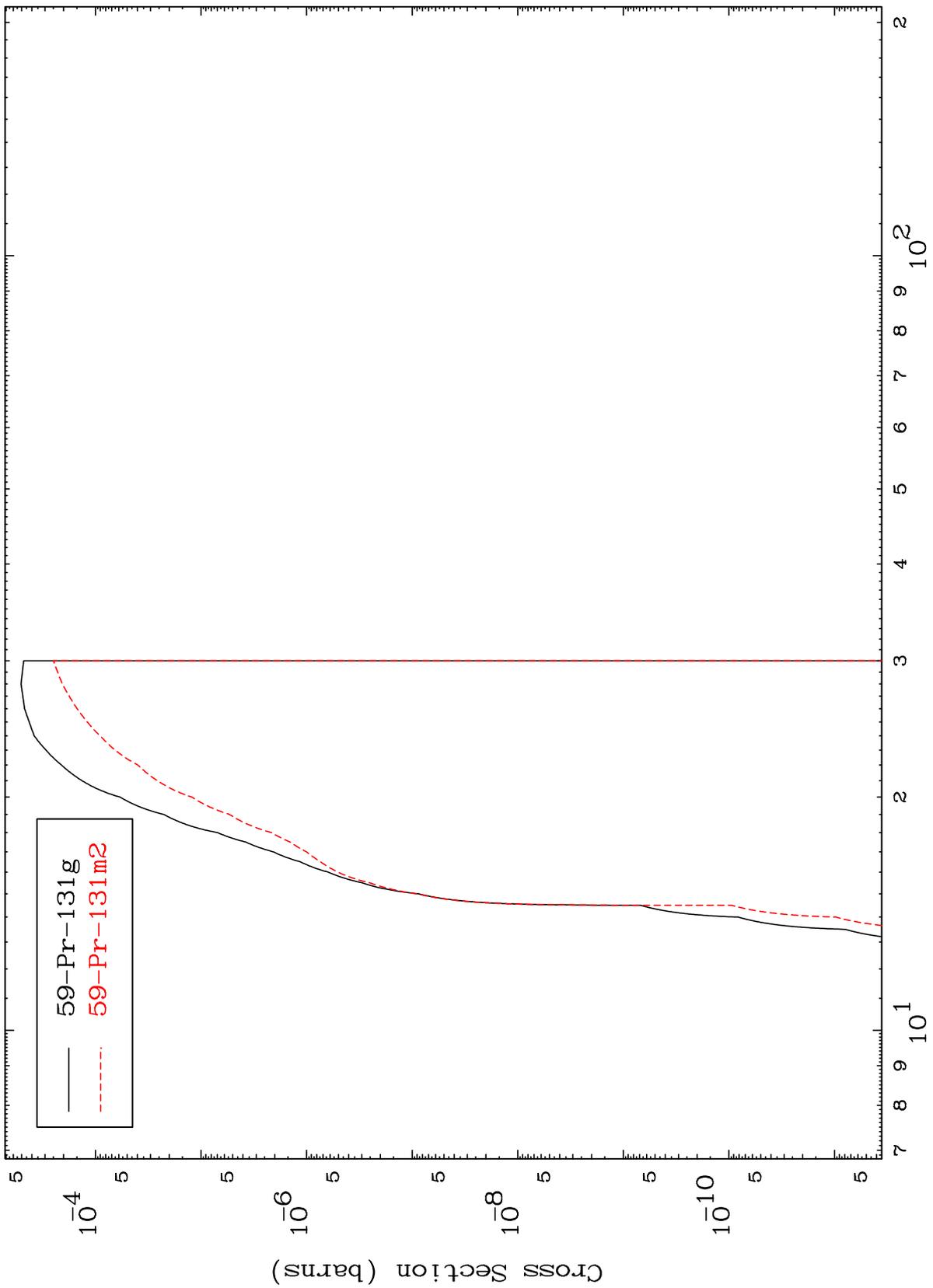
12

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61-Pm-136

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

Radionuclide Production Cross Section



61-Pm-136

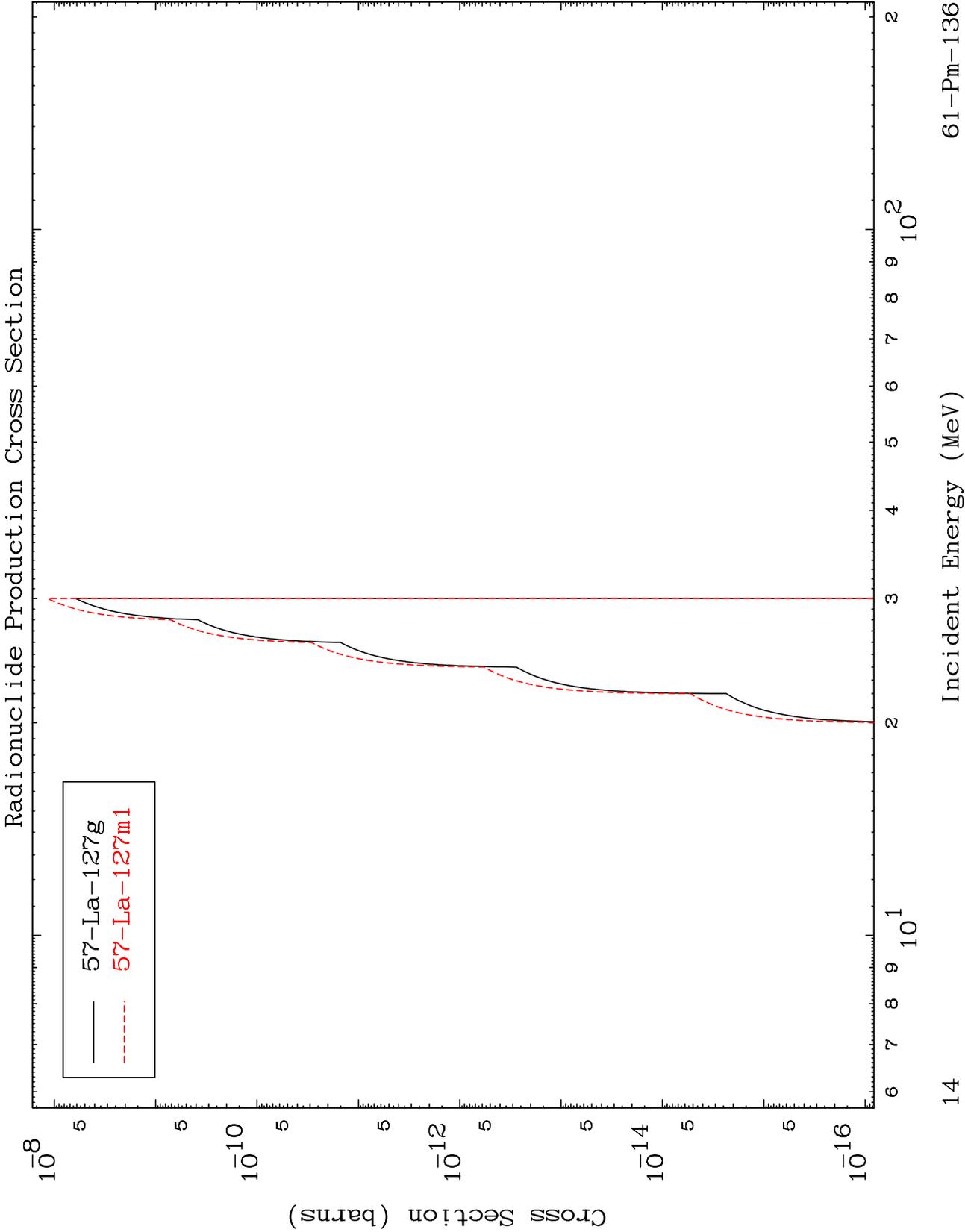
Incident Energy (MeV)

13

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

61-Pm-136

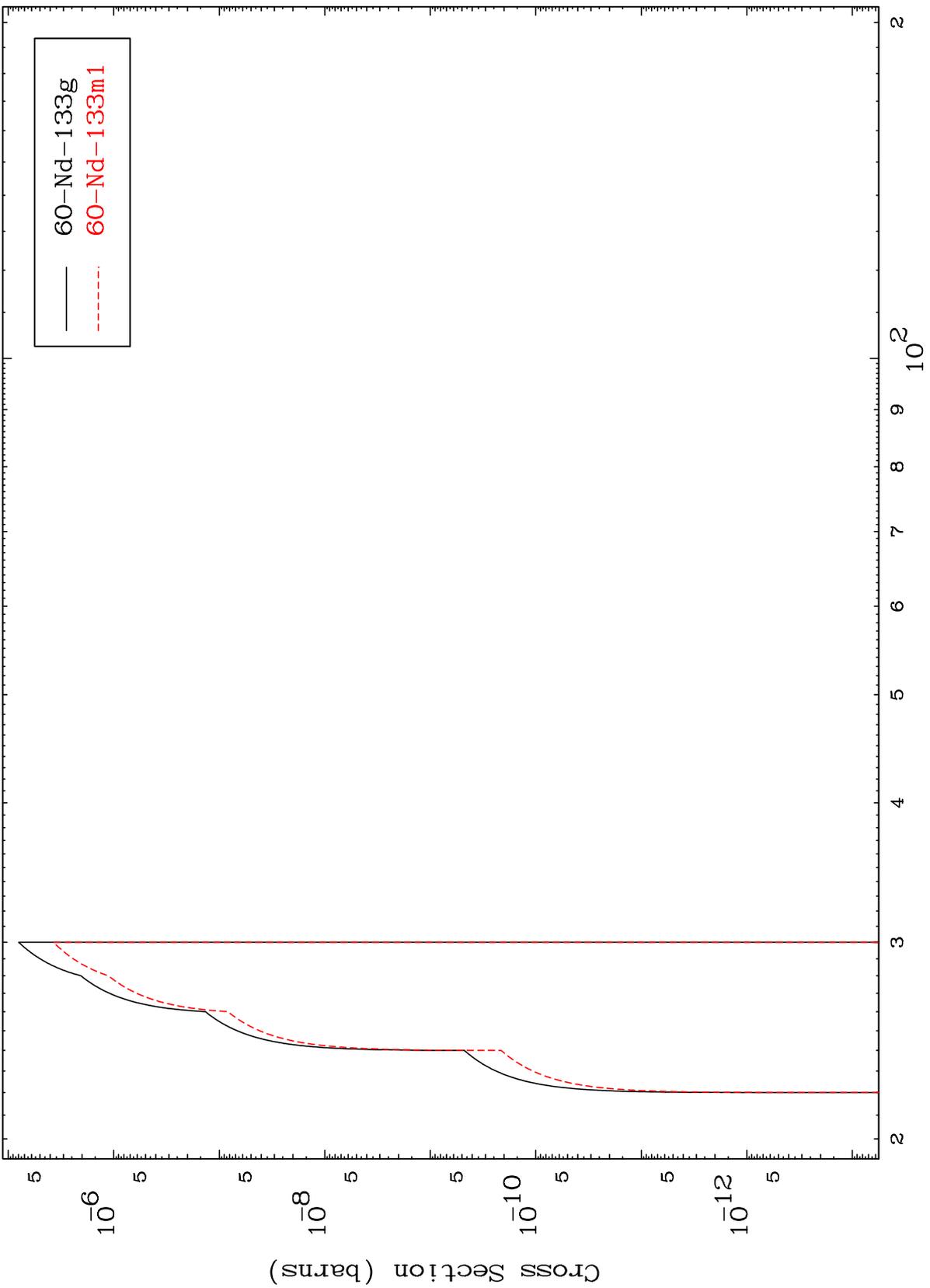


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( $\gamma, n'$ ) d

61-Pm-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

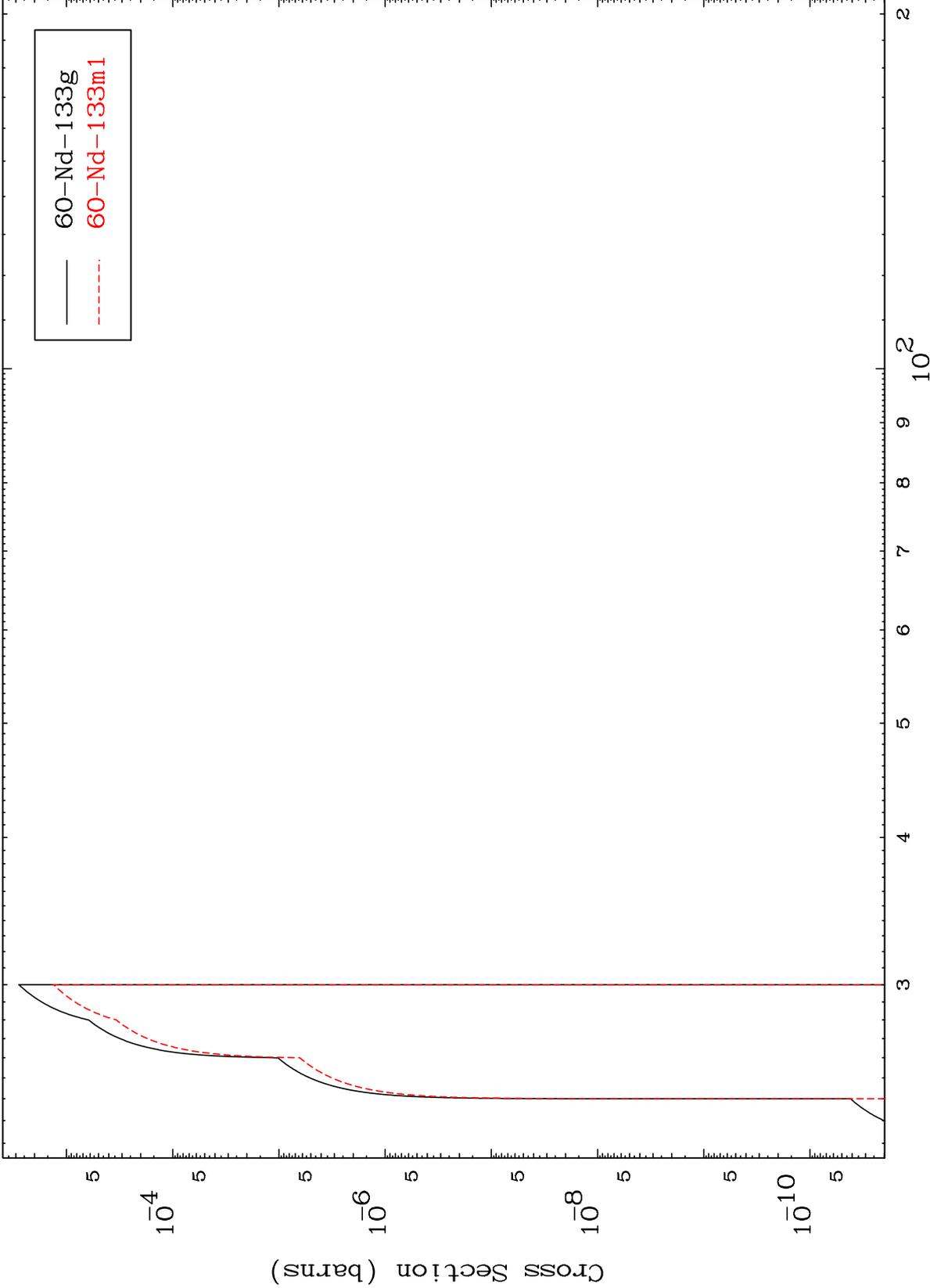
61-Pm-136

MAT 6117

( $\gamma, 2n$ ) p

61-Pm-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

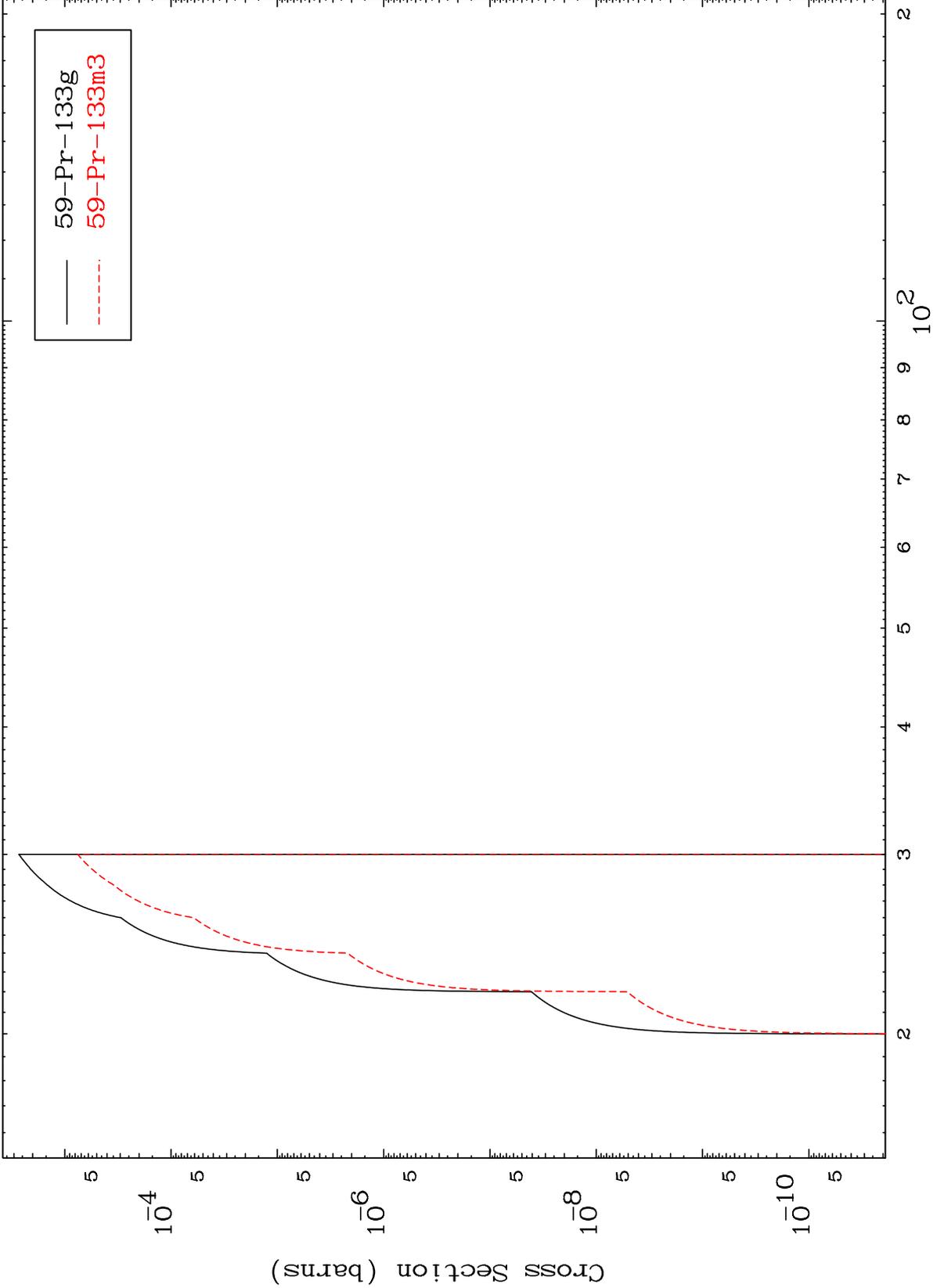
61-Pm-136

MAT 6117

( $\gamma, 2n$ ) p

61-Pm-136

Radionuclide Production Cross Section



17

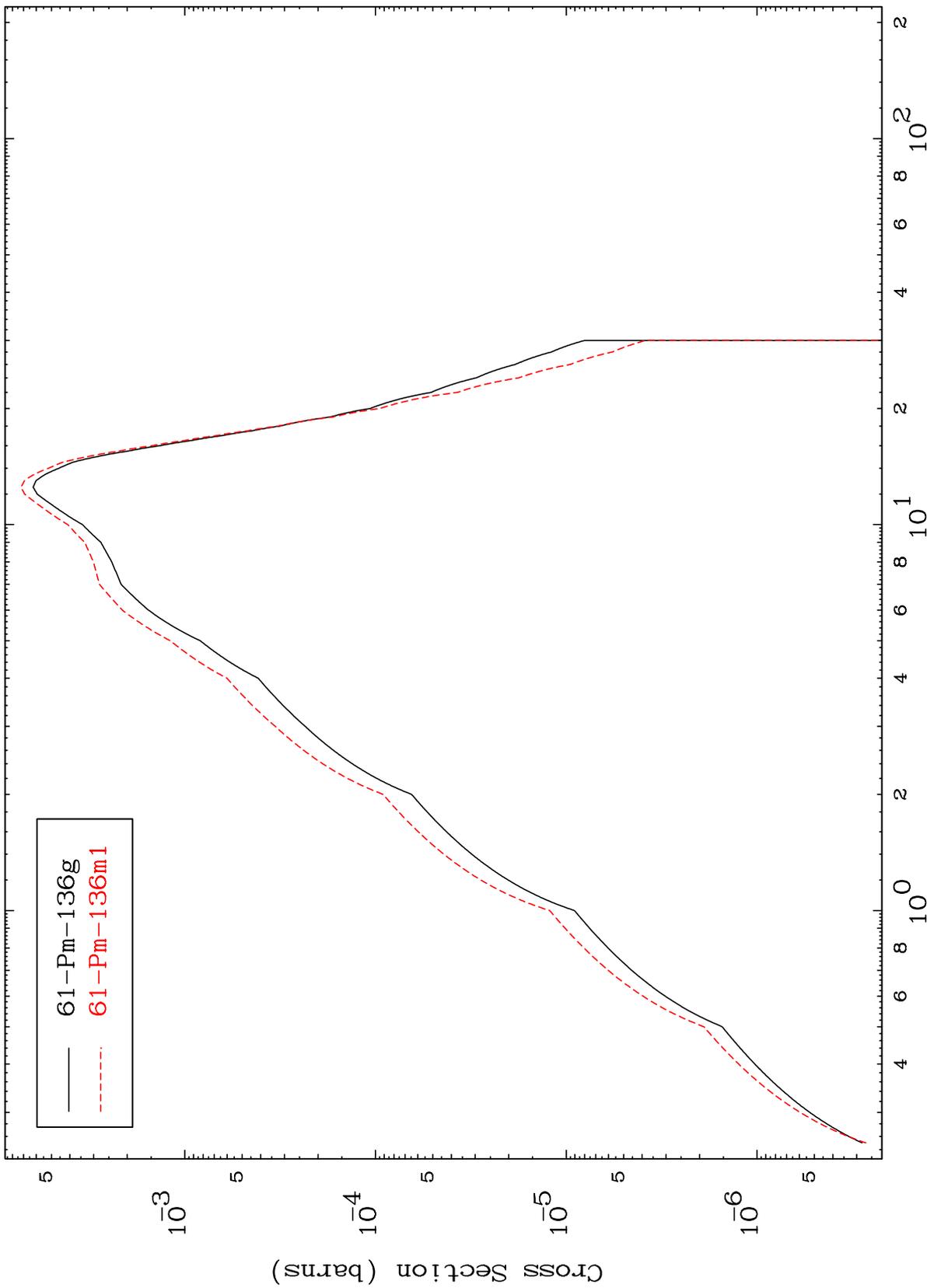
Incident Energy (MeV)

61-Pm-136

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61-Pm-136

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

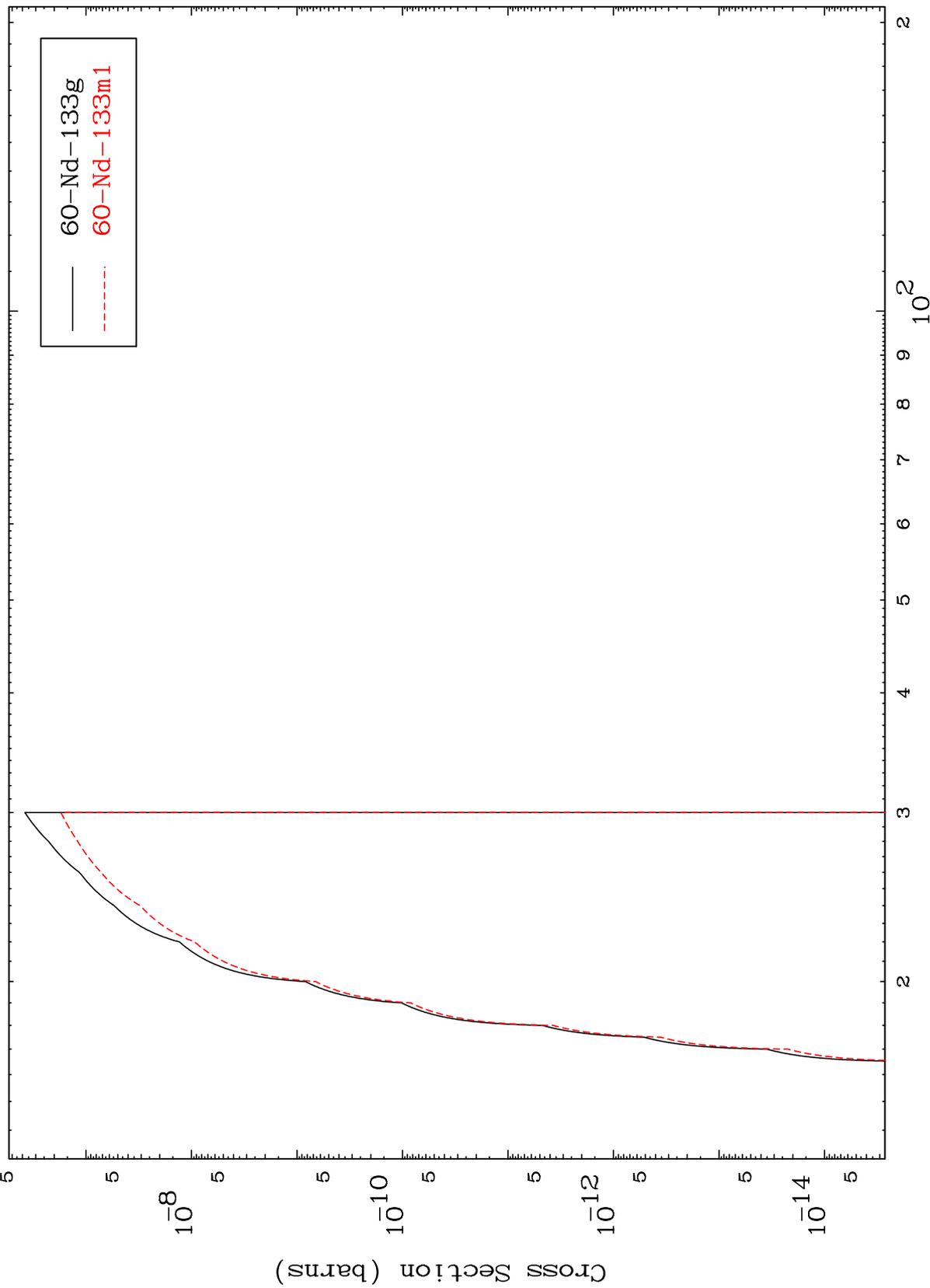


18

61-Pm-136

Incident Energy (MeV)

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

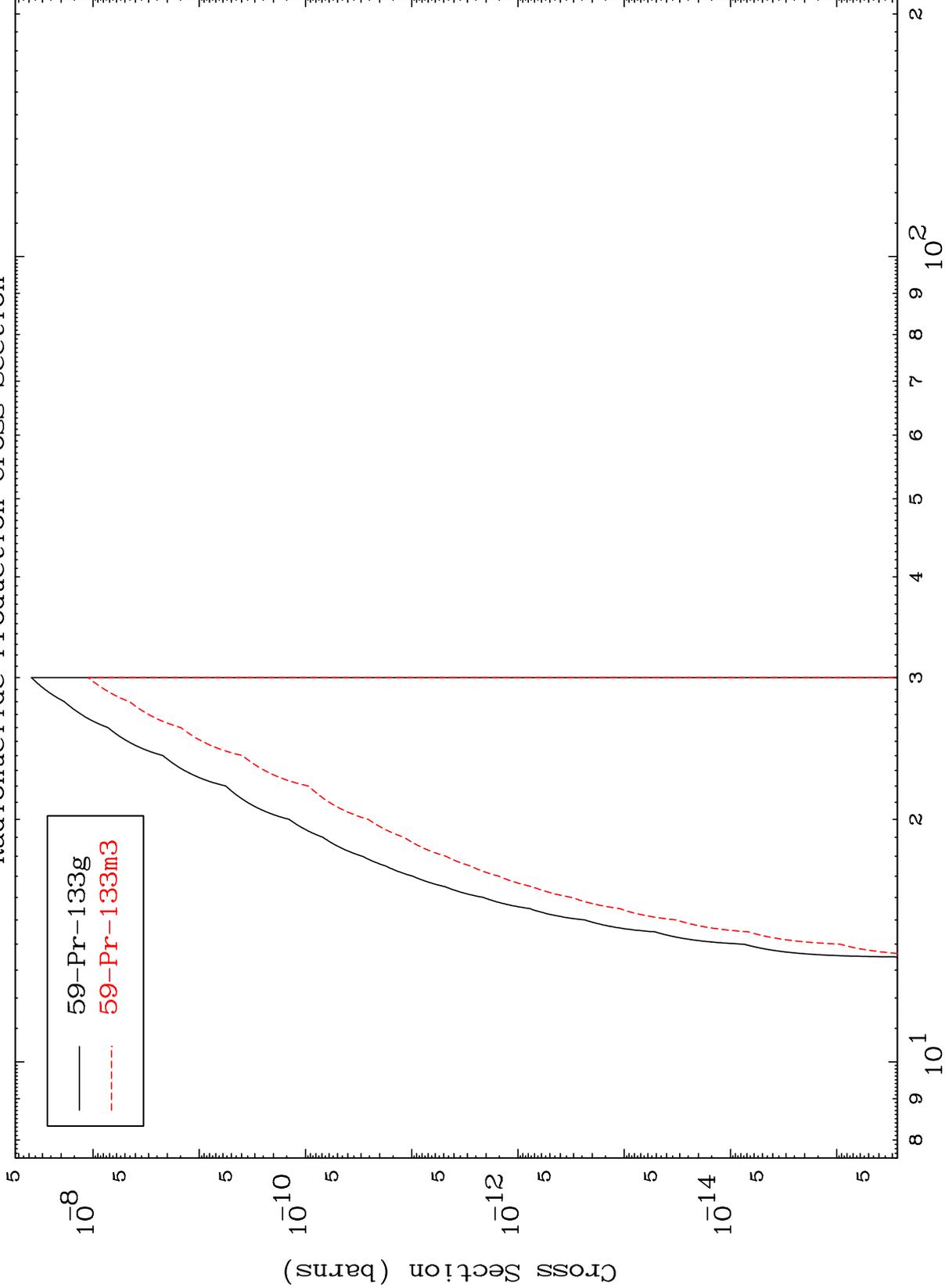


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( $\gamma, \text{He-3}$ )

61-Pm-136

Radionuclide Production Cross Section



20

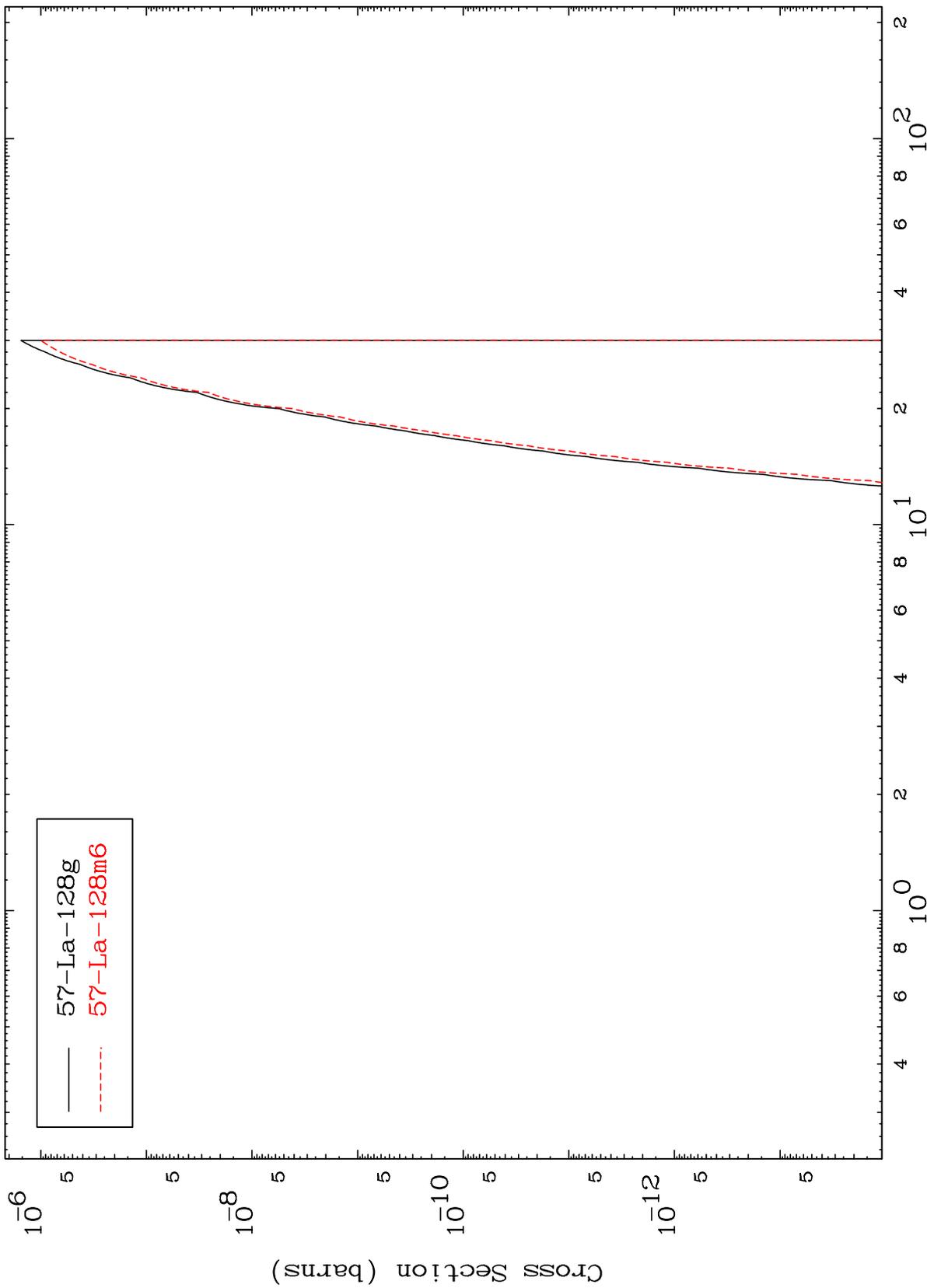
Incident Energy (MeV)

61-Pm-136

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61-Pm-136

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

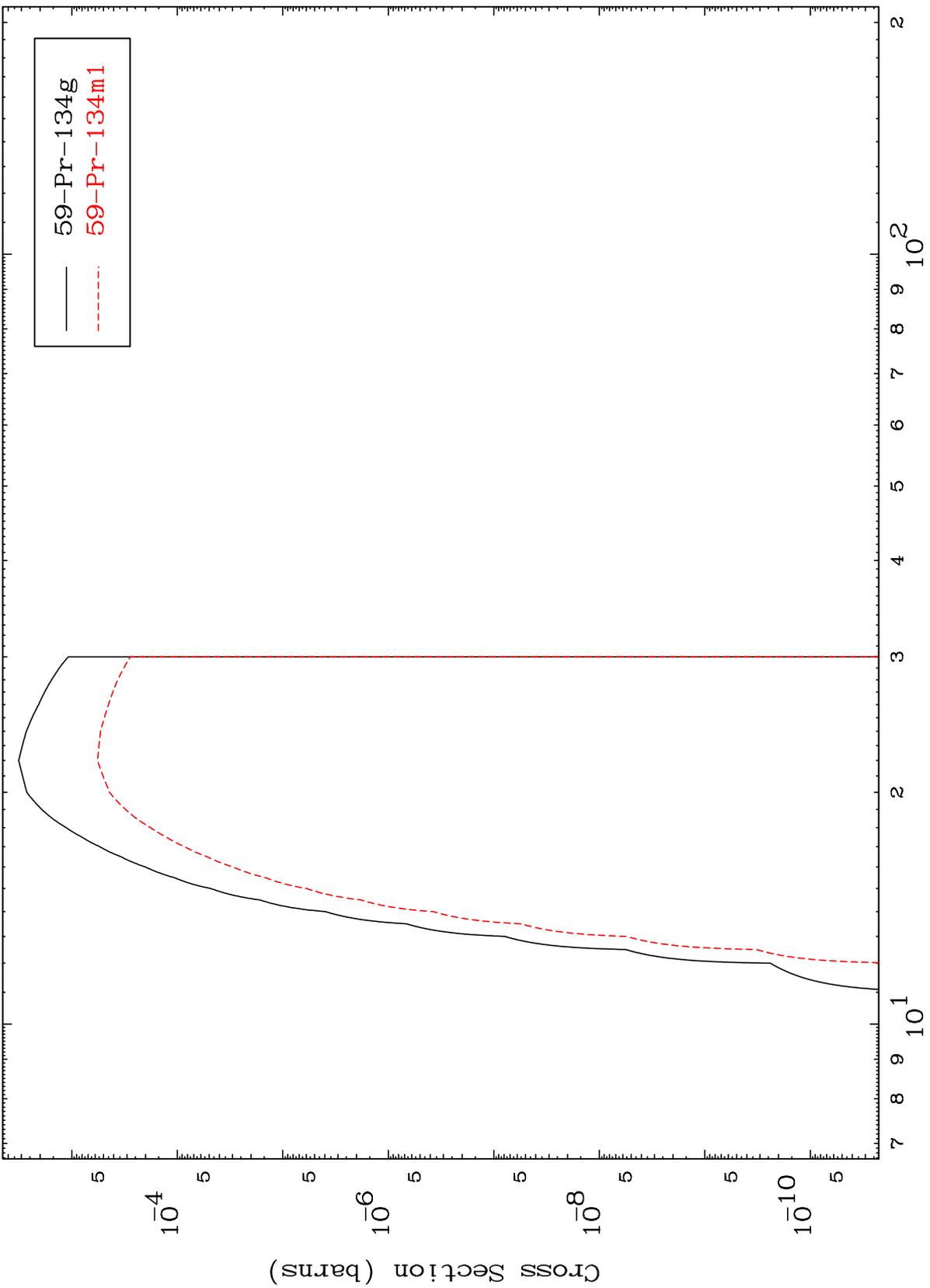


— 57-La-128g  
- - - 57-La-128m6

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61-Pm-136

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



22

Incident Energy (MeV)

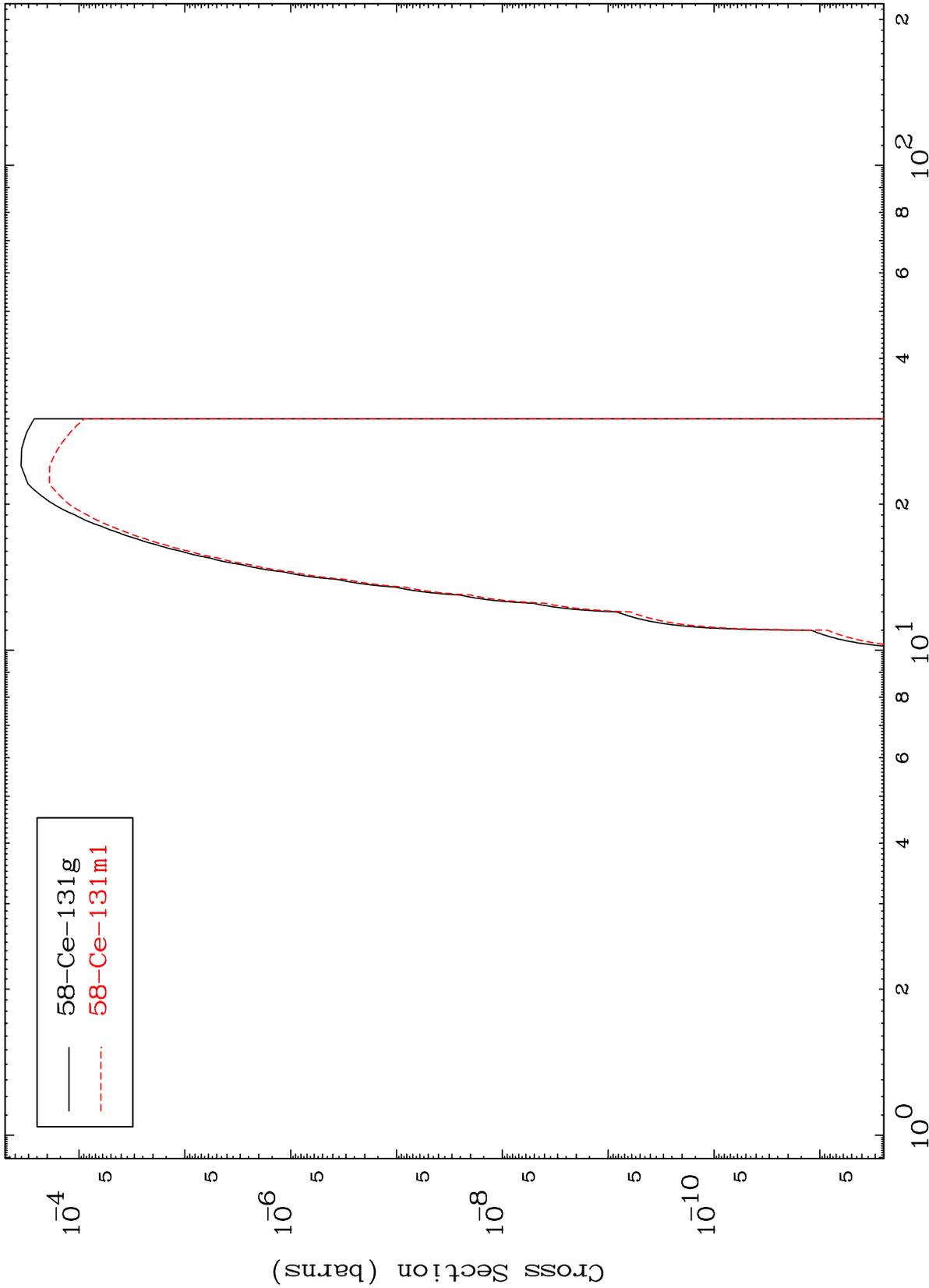
61-Pm-136

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( $\gamma, p$ )  $\alpha$

61-Pm-136

Radionuclide Production Cross Section



Incident Energy (MeV)

61-Pm-136

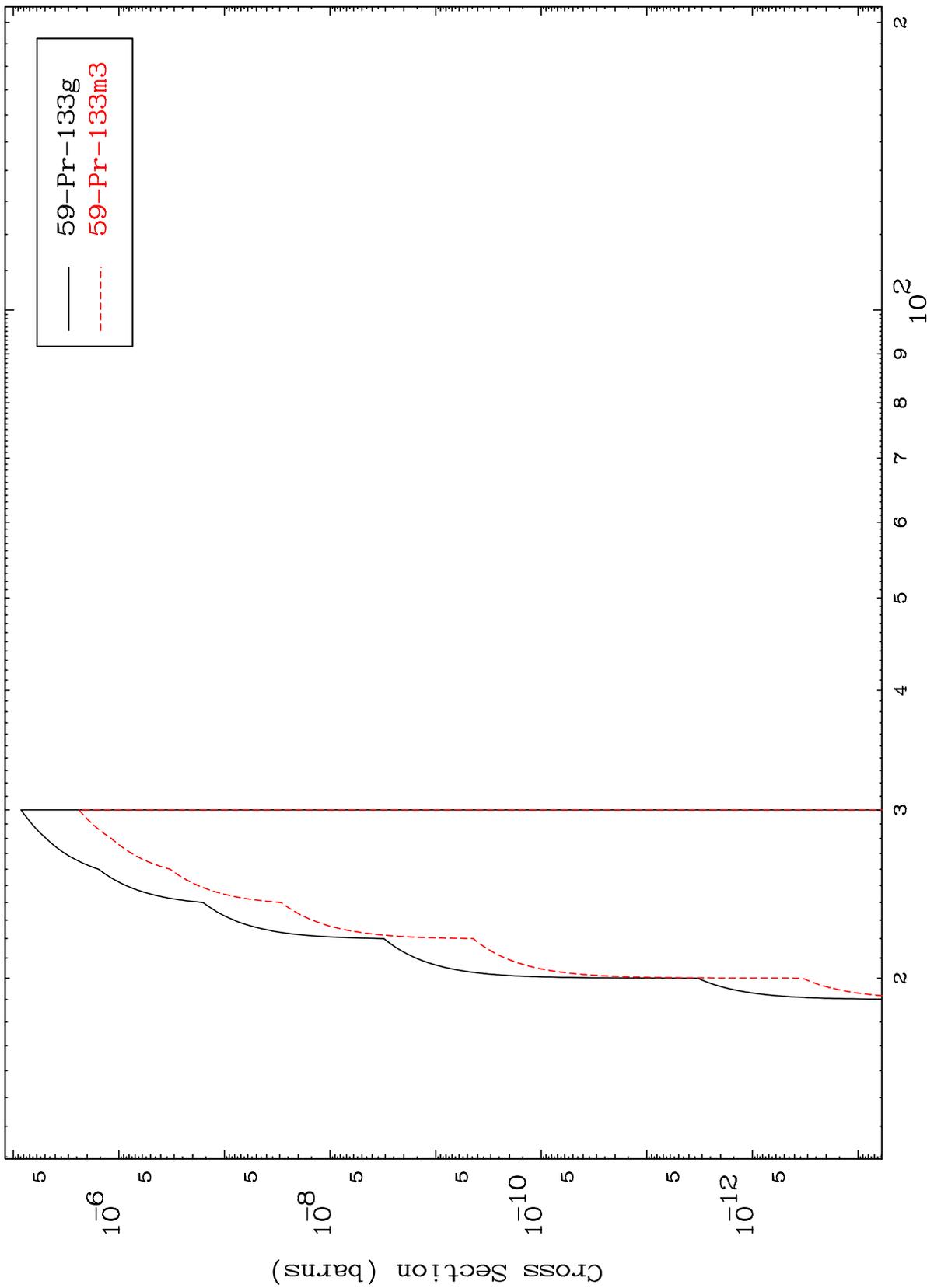
23

MAT 6117

( $\gamma, p$ ) d

61-Pm-136

Radionuclide Production Cross Section



24

Incident Energy (MeV)

61-Pm-136