

Program EVALPLOT  
(Version 2017-1)

by

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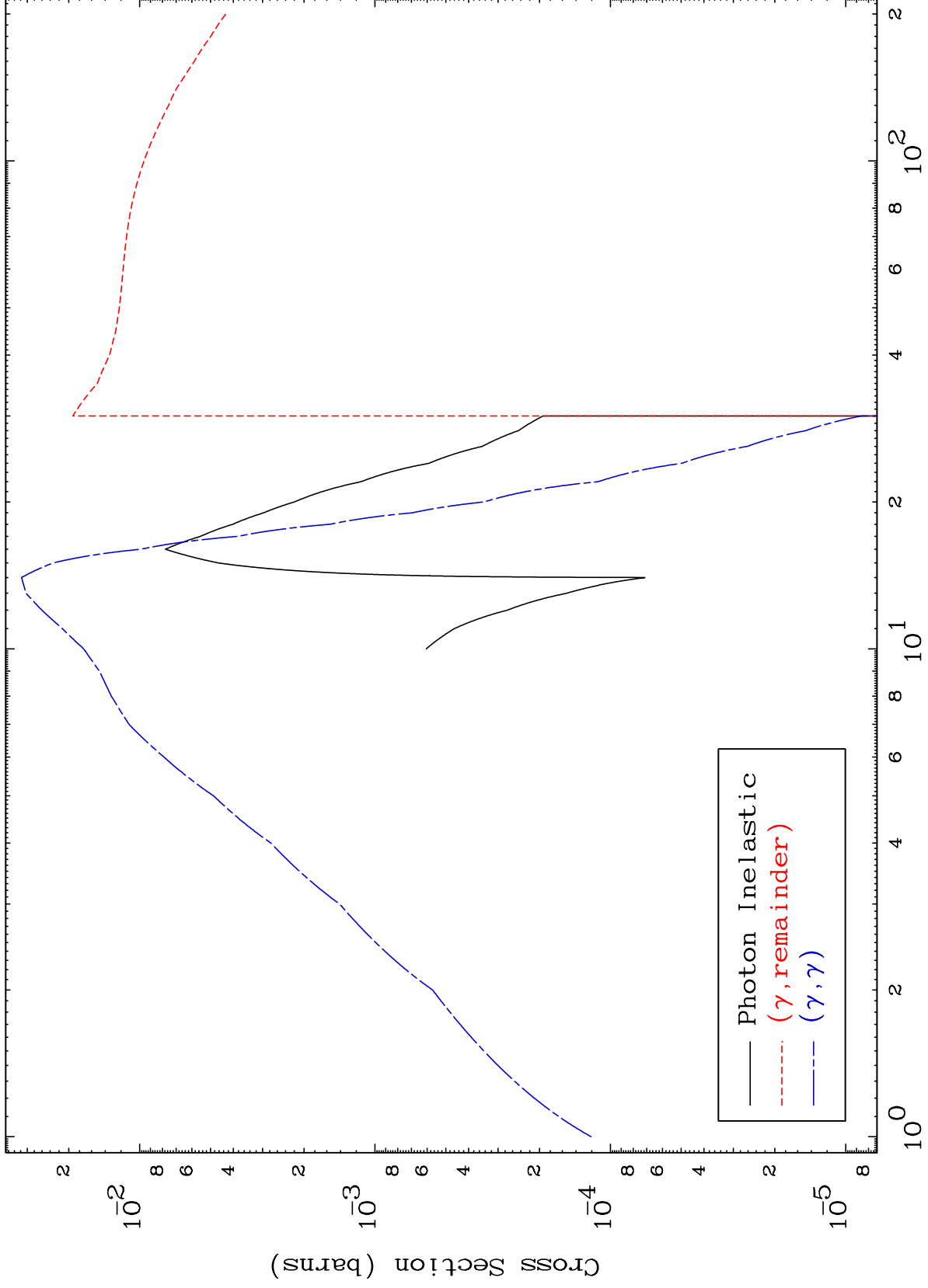
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6117

Photon Major  
0 Kelvin Cross Sections

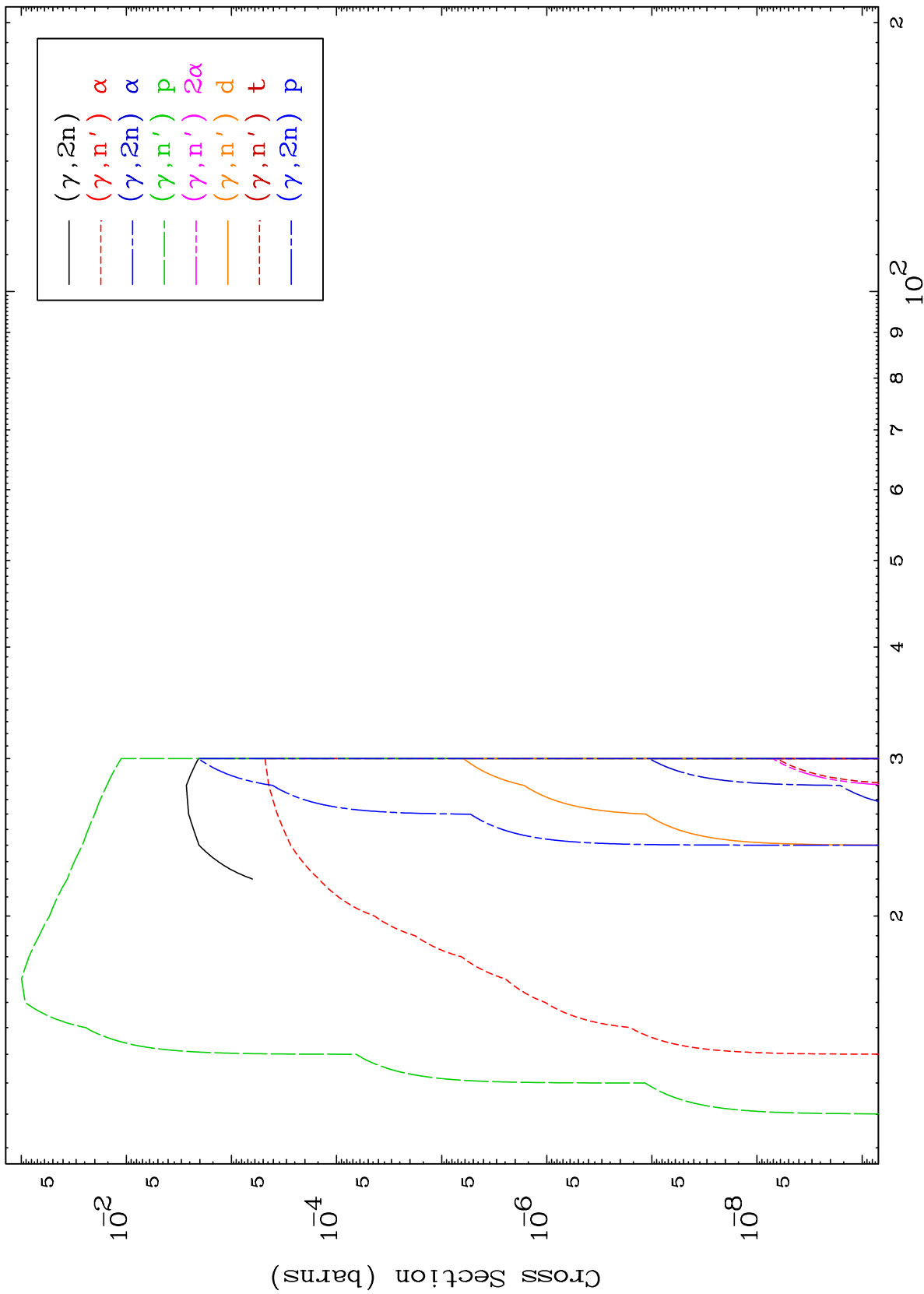
61-Pm-136

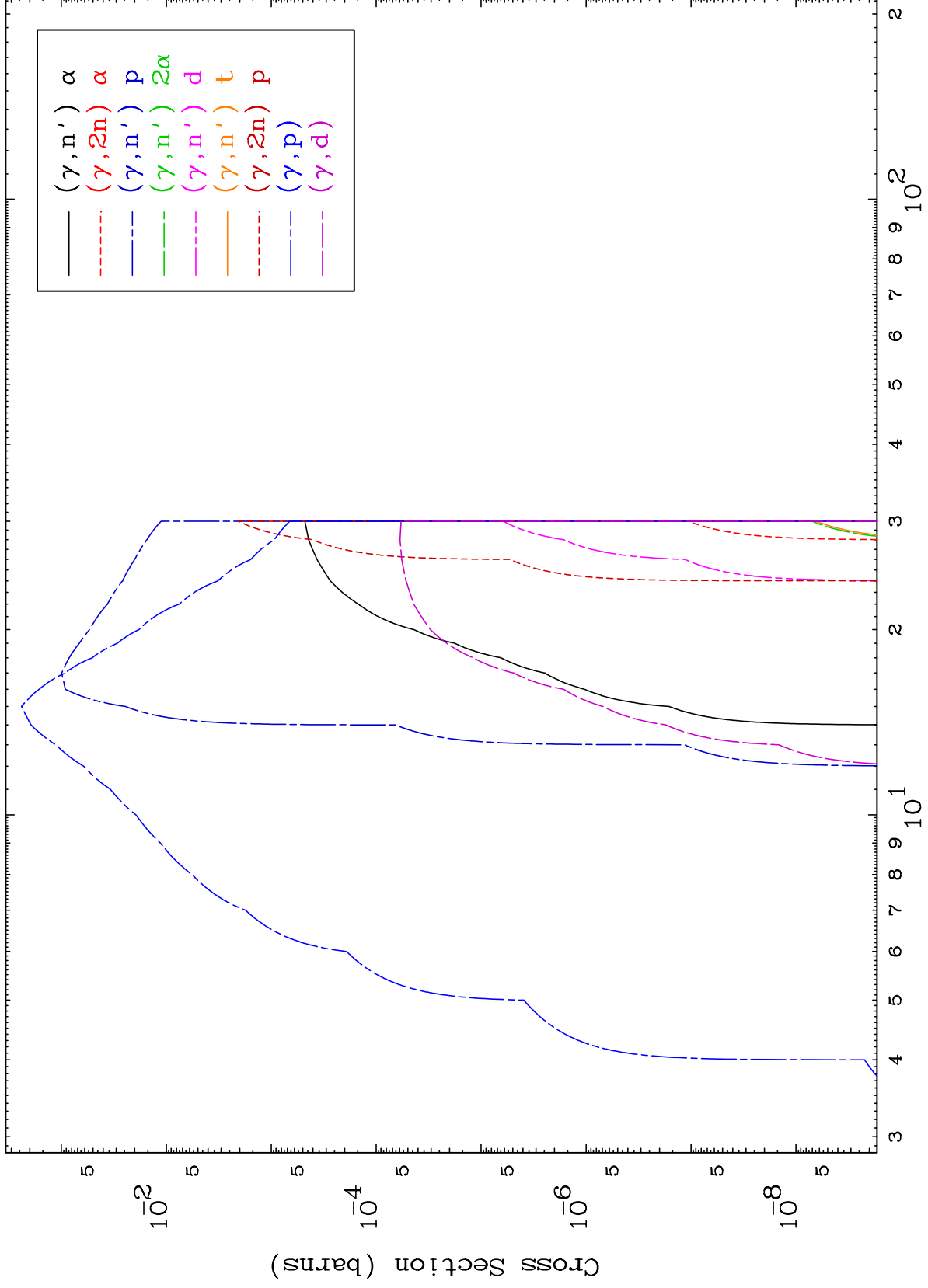


Incident Energy (MeV)

61-Pm-136

1

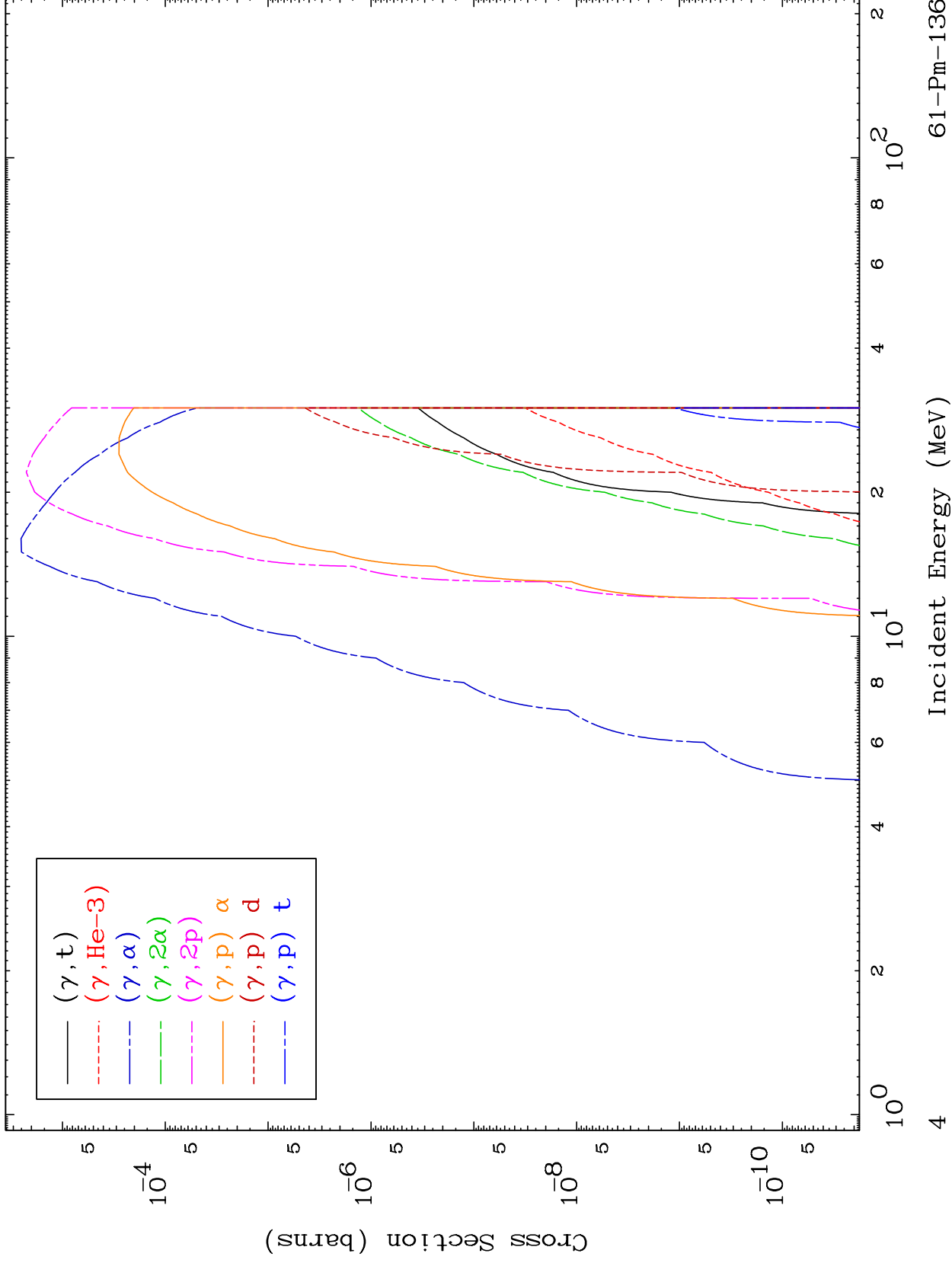




MAT 6117

Photon Charged Particle  
0 Kelvin Cross Sections

61-Pm-136



61-Pm-136

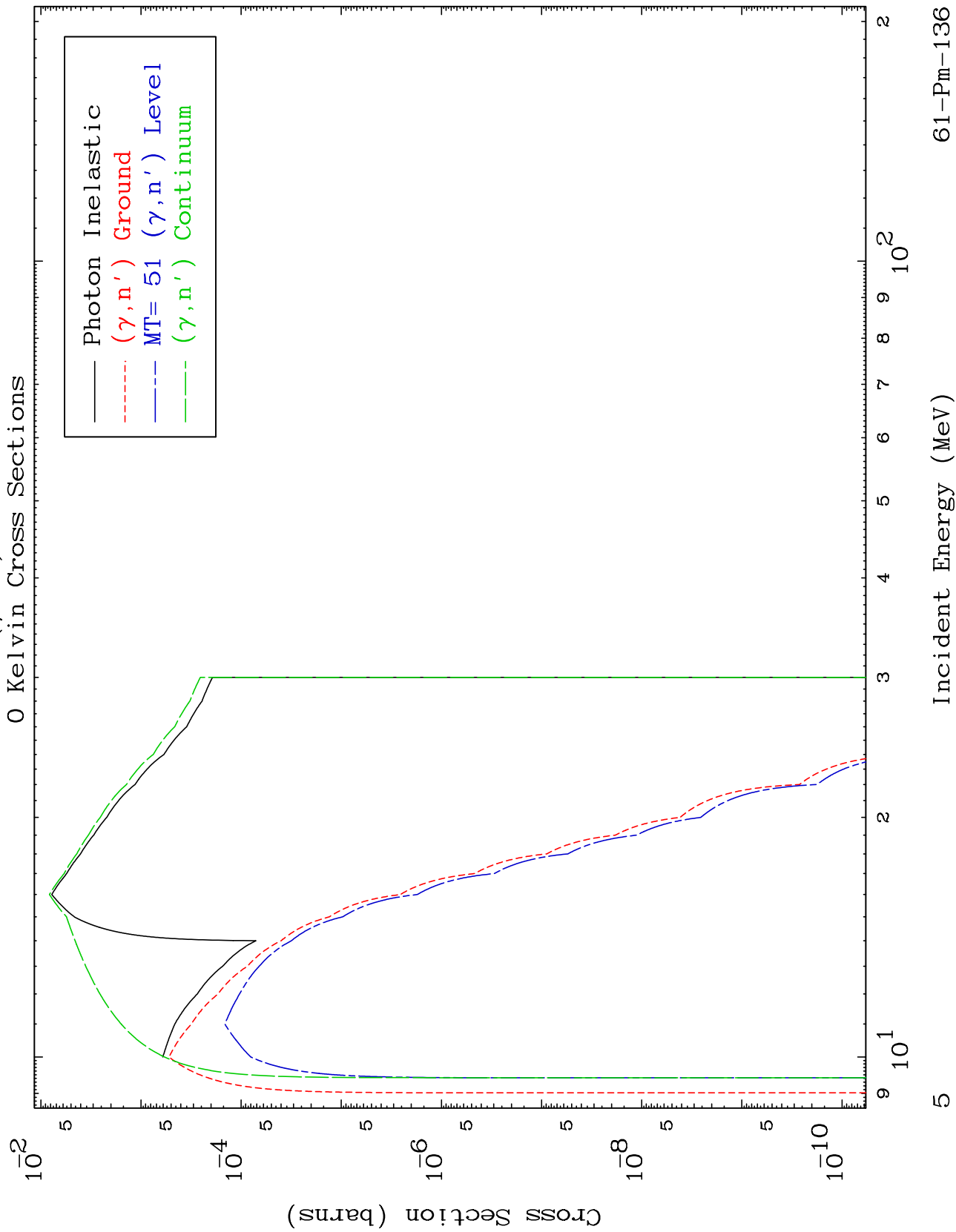
Incident Energy (MeV)

4

MAT 6117

$(\gamma, n')$  Level

61-Pm-136



61-Pm-136

Incident Energy (MeV)

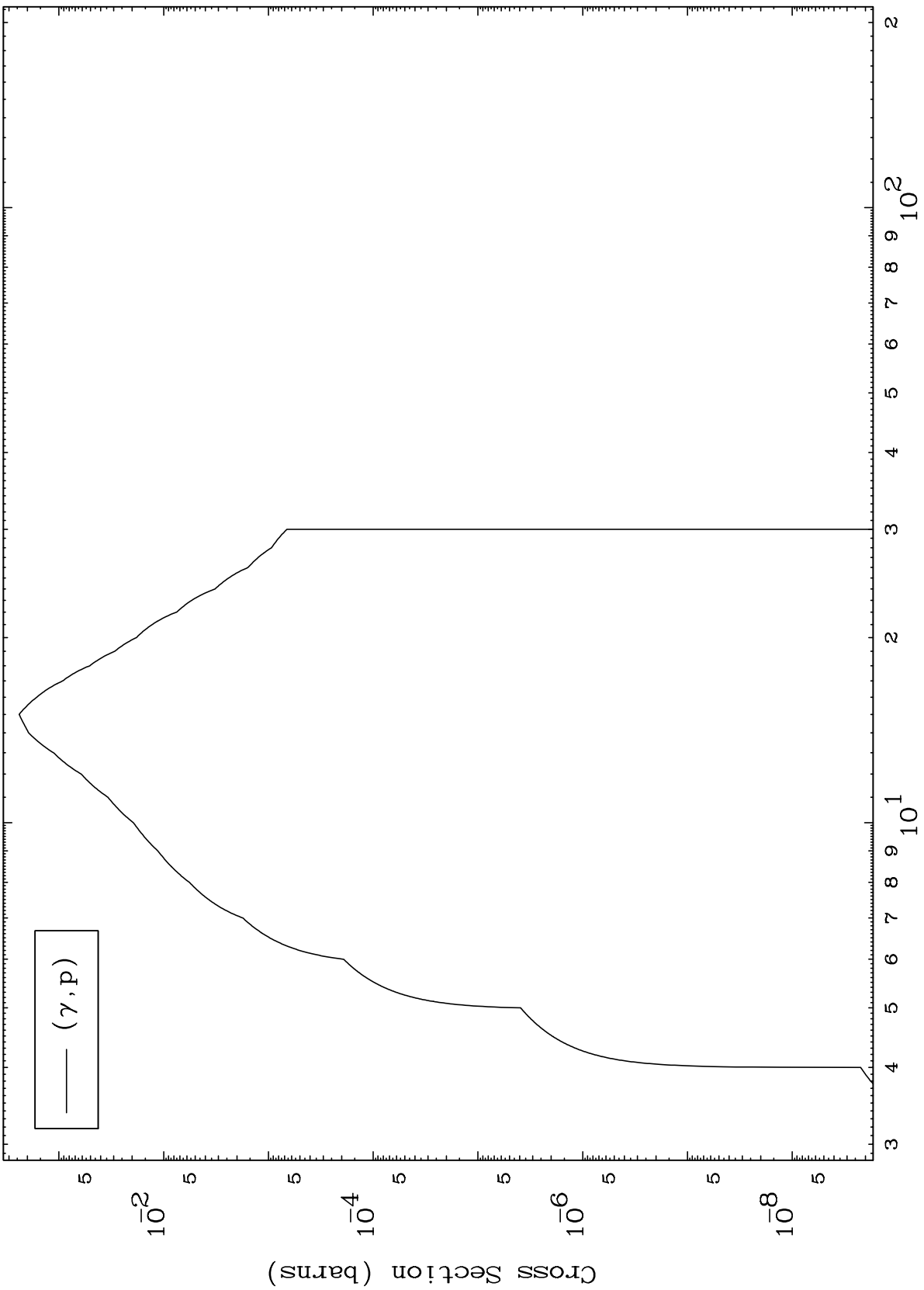
5

MAT 61117

( $\gamma, p$ ) Levels

61-Pm-136

0 Kelvin Cross Sections



6

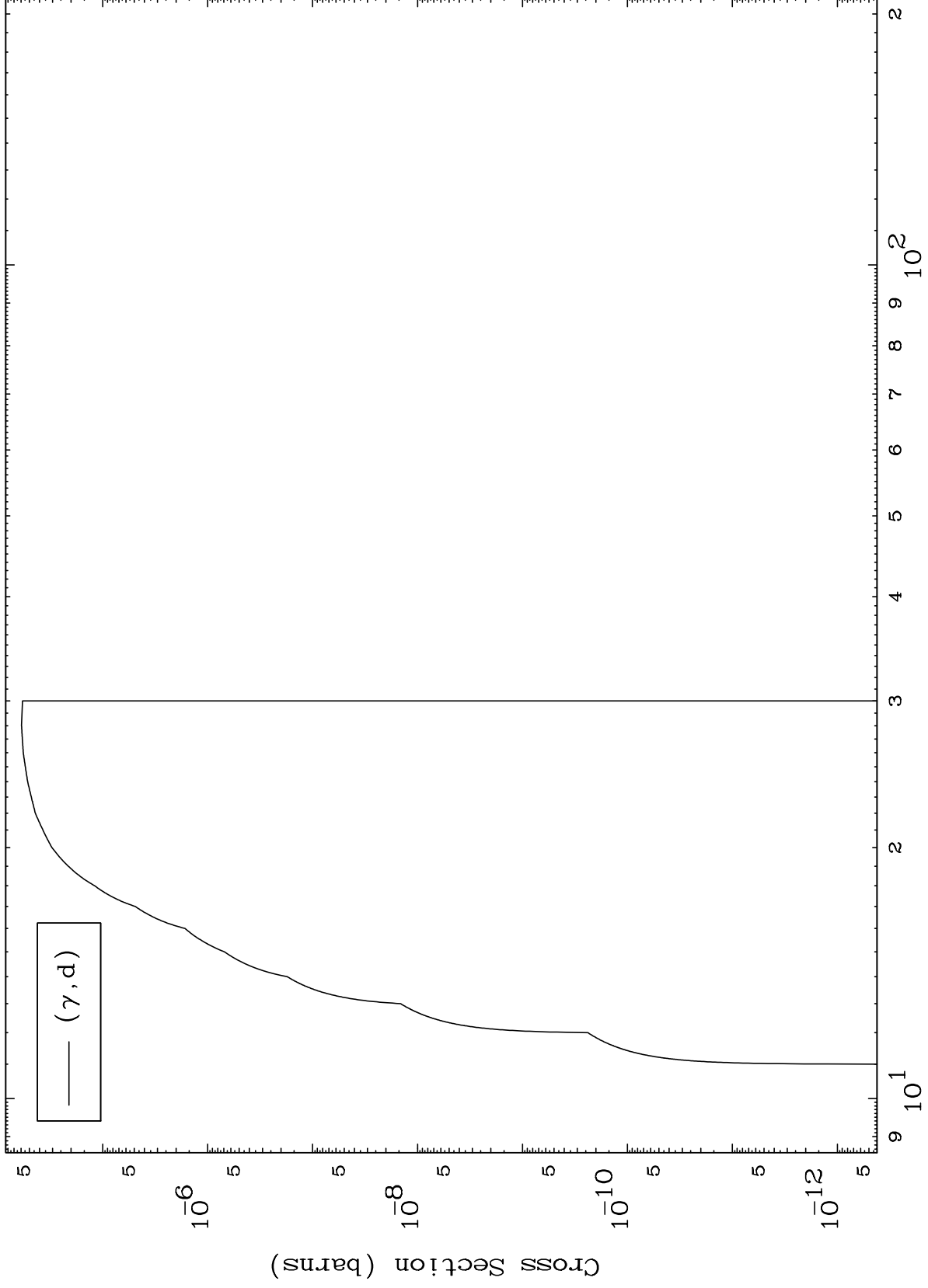
Incident Energy (MeV)

61-Pm-136

MAT 61117

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

61-Pm-136

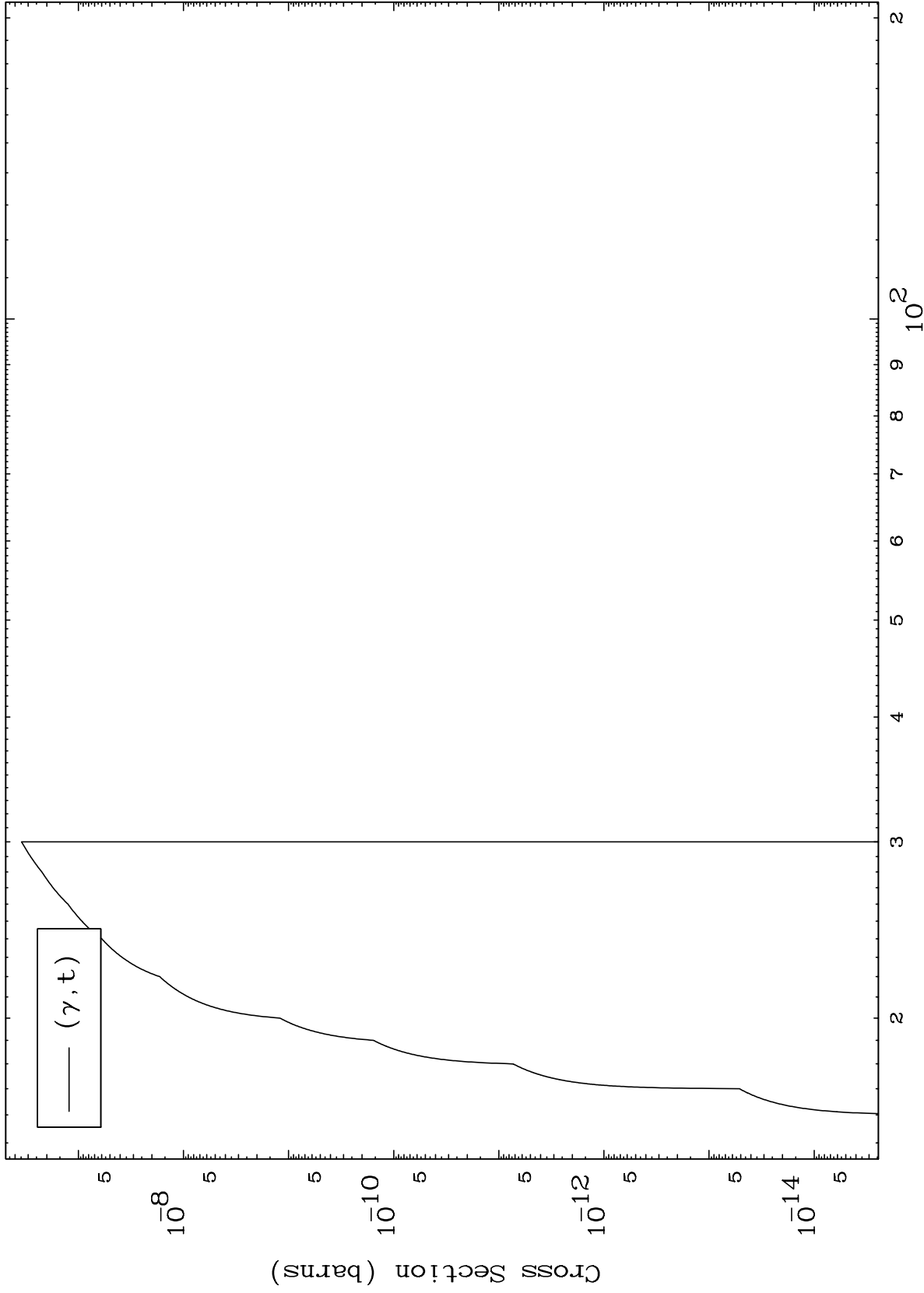


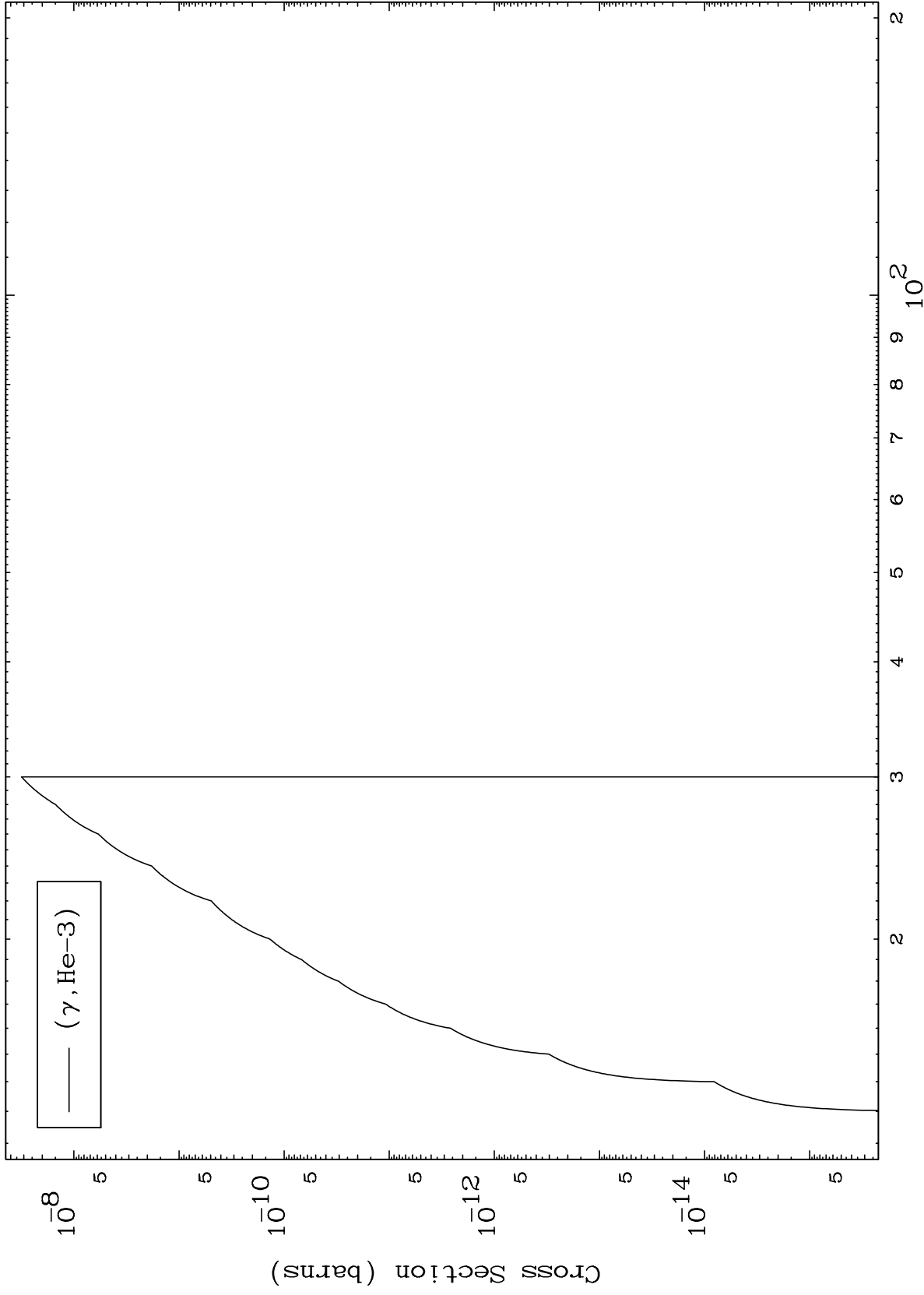
Incident Energy (MeV)

61-Pm-136

7



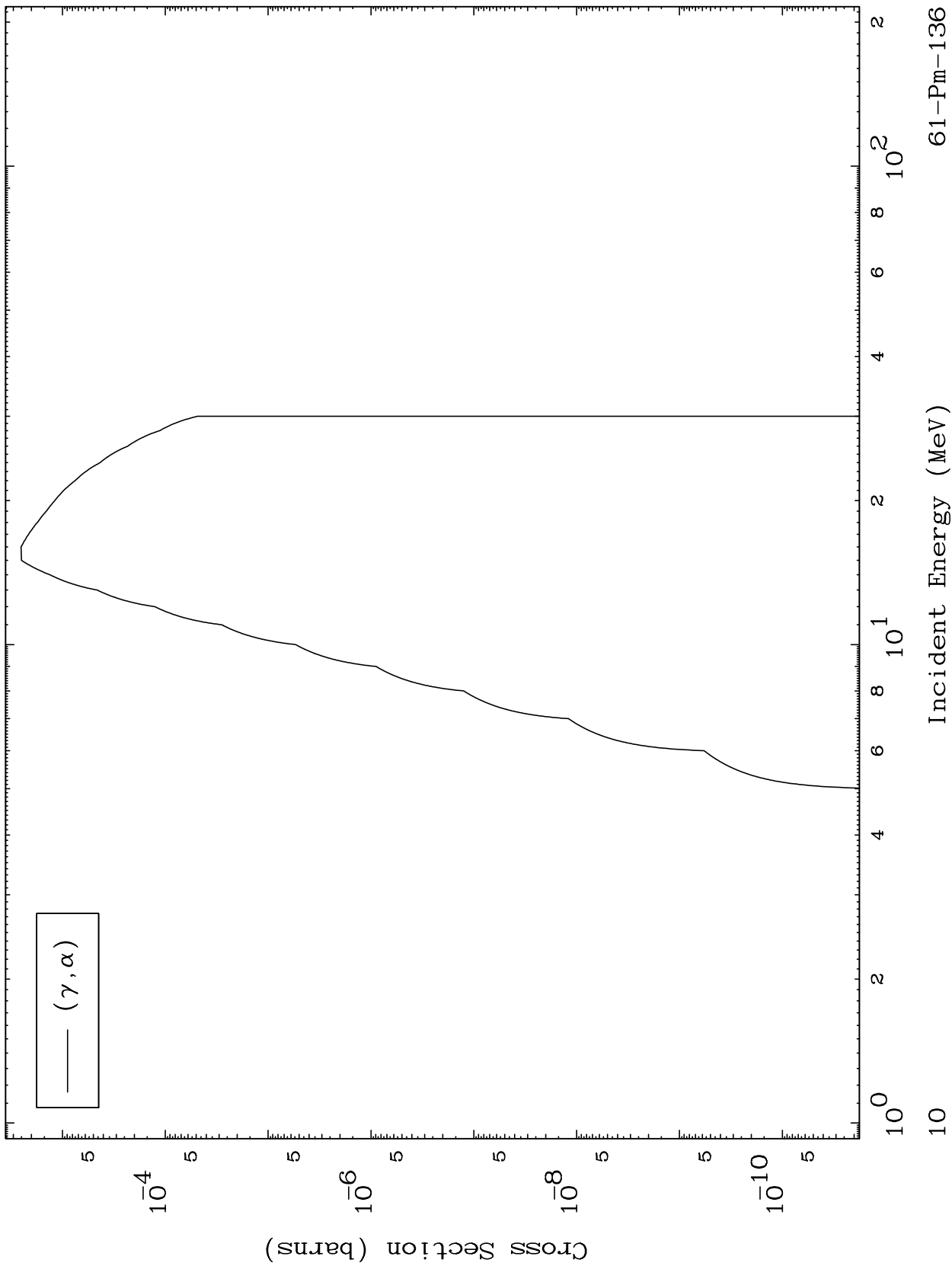




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61-Pm-136

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



61-Pm-136

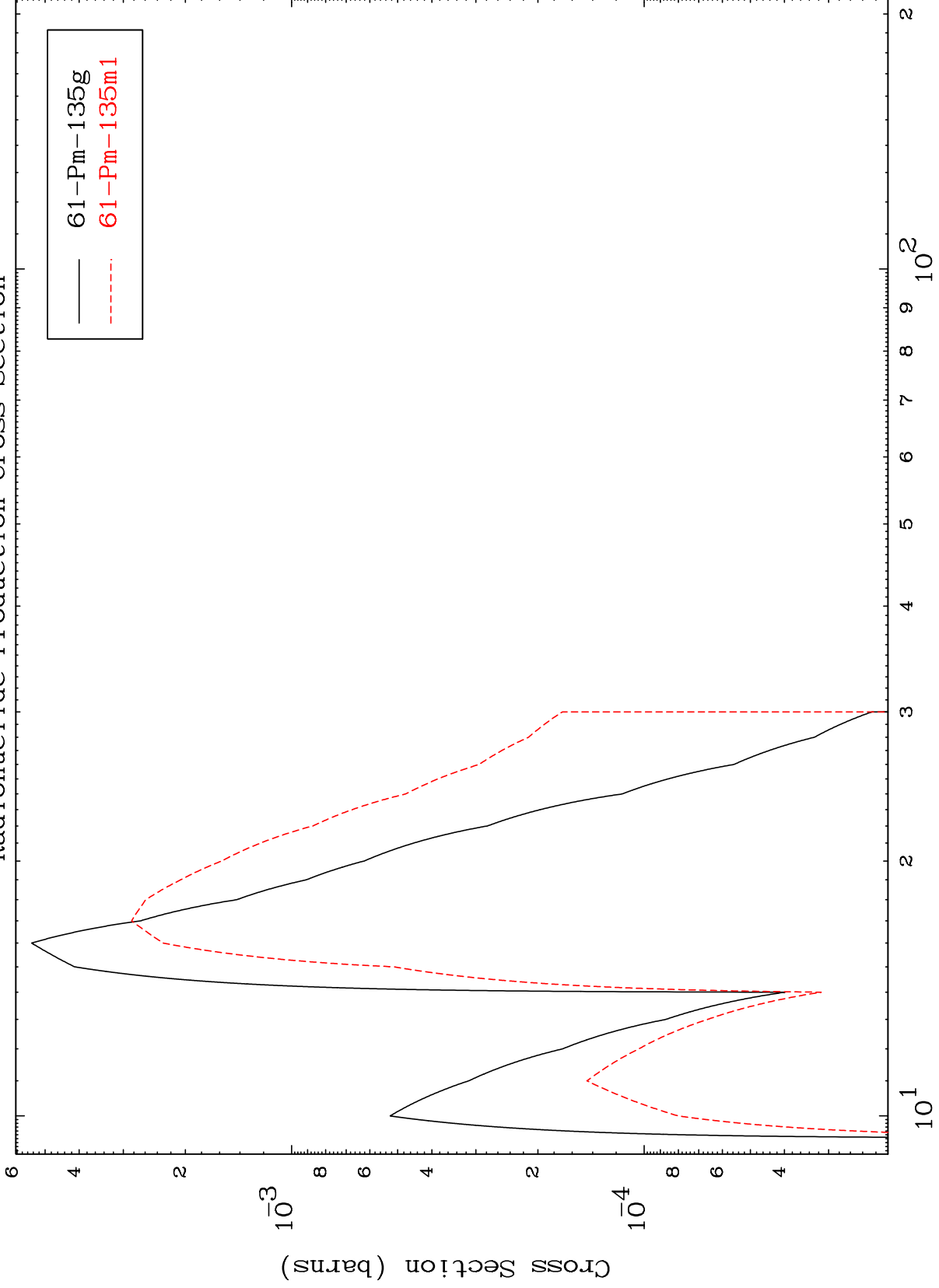
Incident Energy (MeV)

MAT 6117

Photon Inelastic

61-Pm-136

Radionuclide Production Cross Section



11

Incident Energy (MeV)

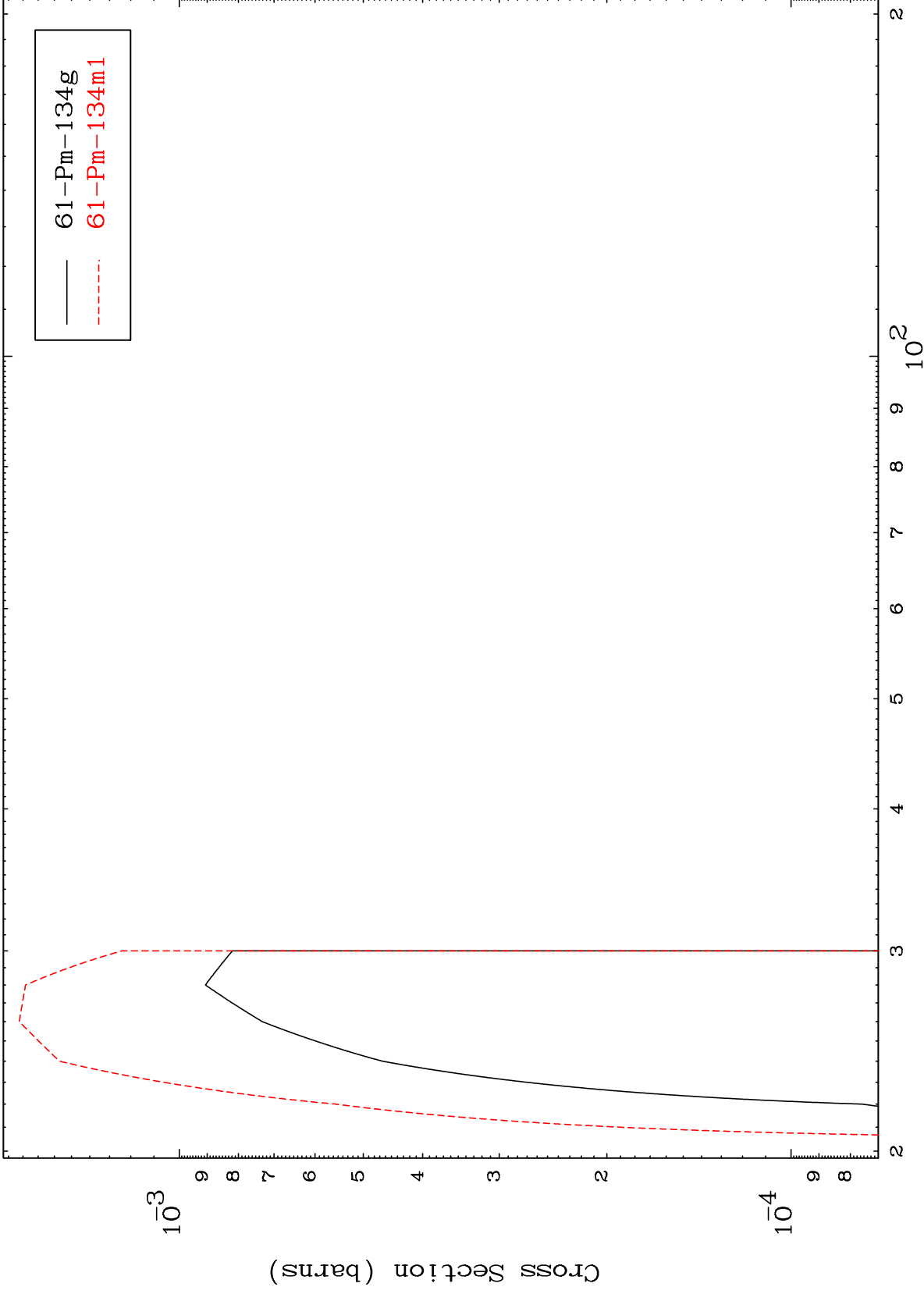
61-Pm-136

MAT 6117

61-Pm-136

( $\gamma, 2n$ )

Radionuclide Production Cross Section



12

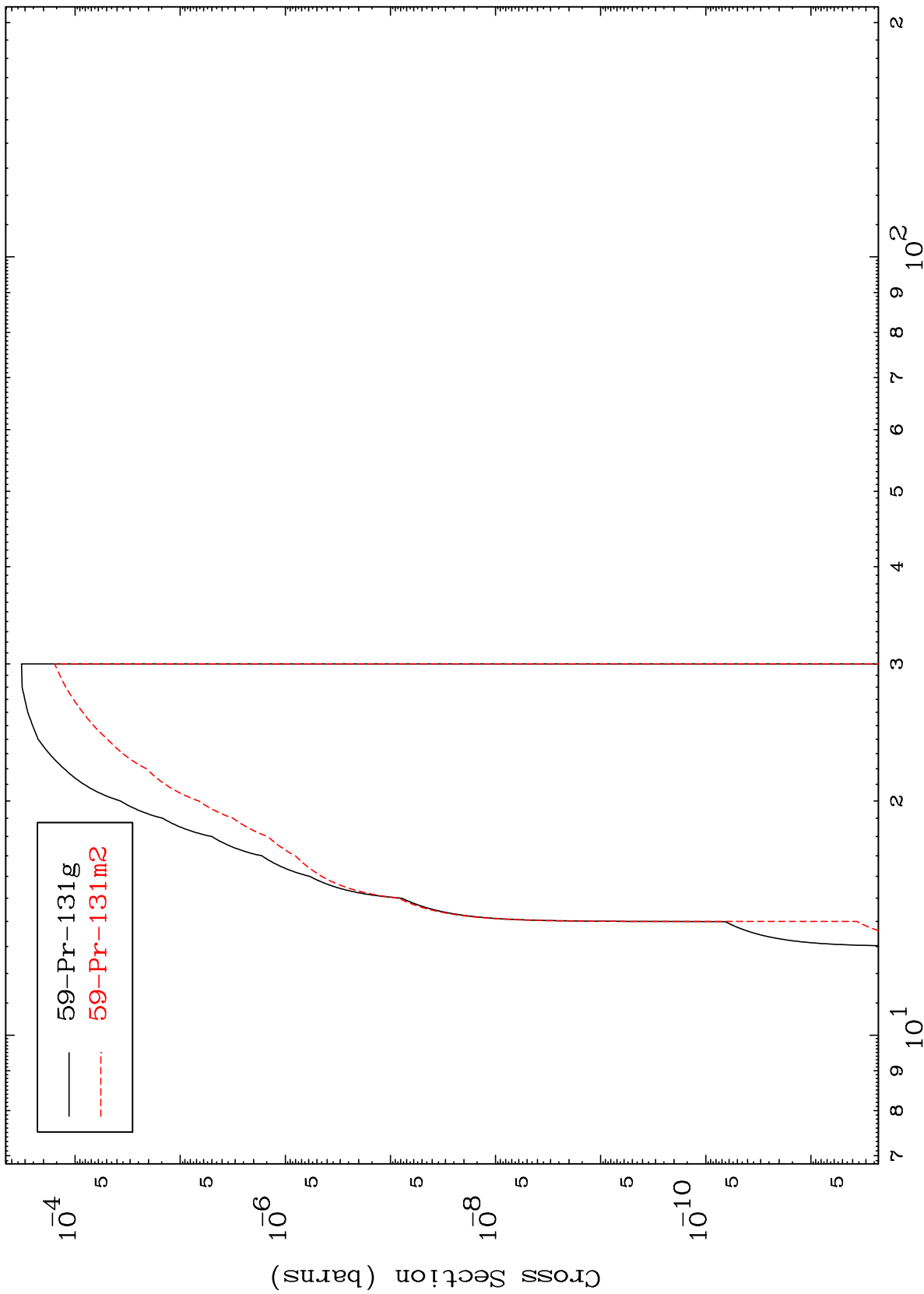
Incident Energy (MeV)

61-Pm-136

MAT 6117

61-Pm-136

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



13

Incident Energy (MeV)

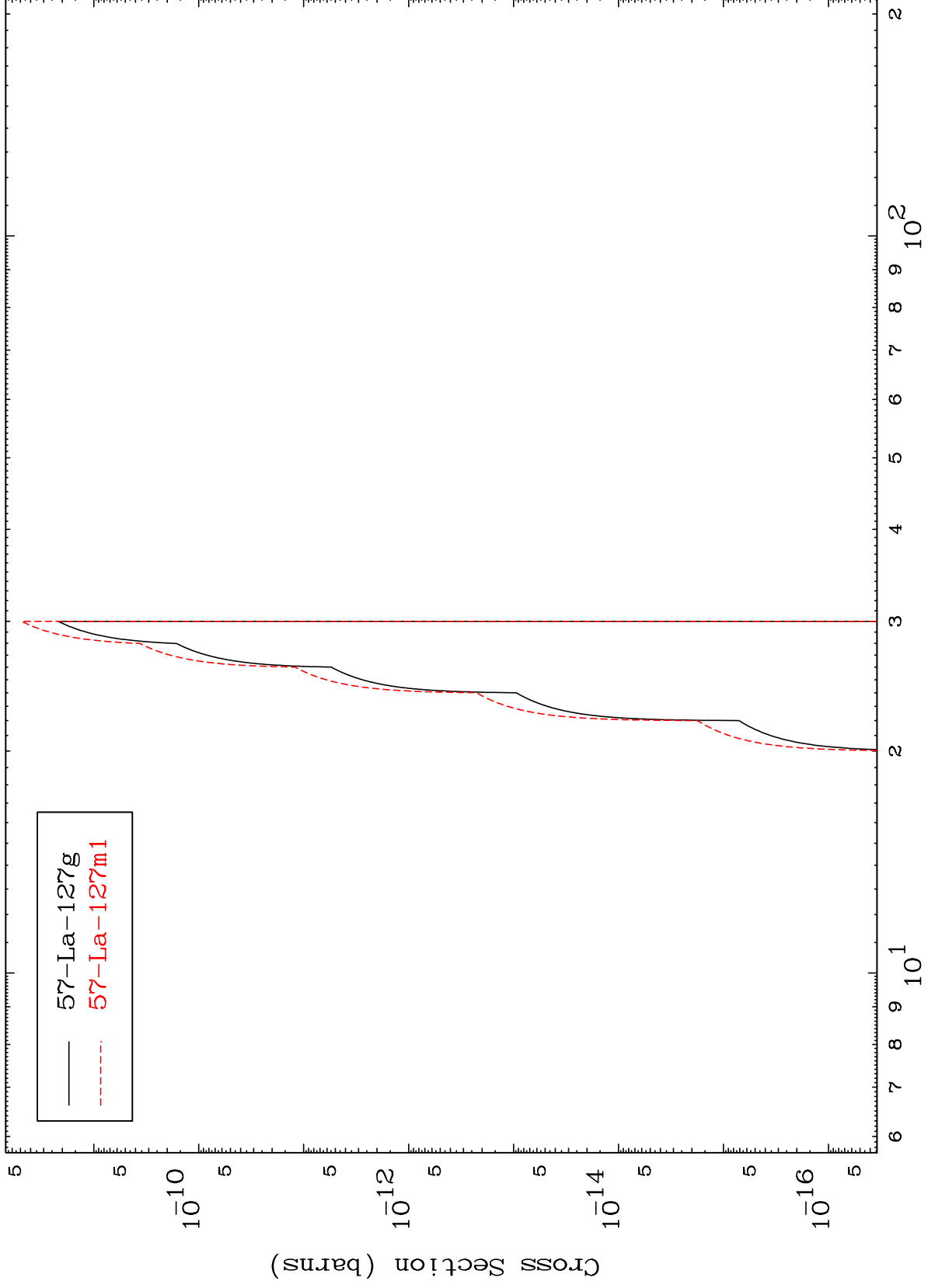
61-Pm-136

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

61-Pm-136

Radionuclide Production Cross Section



57-La-127g  
57-La-127m1

14

Incident Energy (MeV)

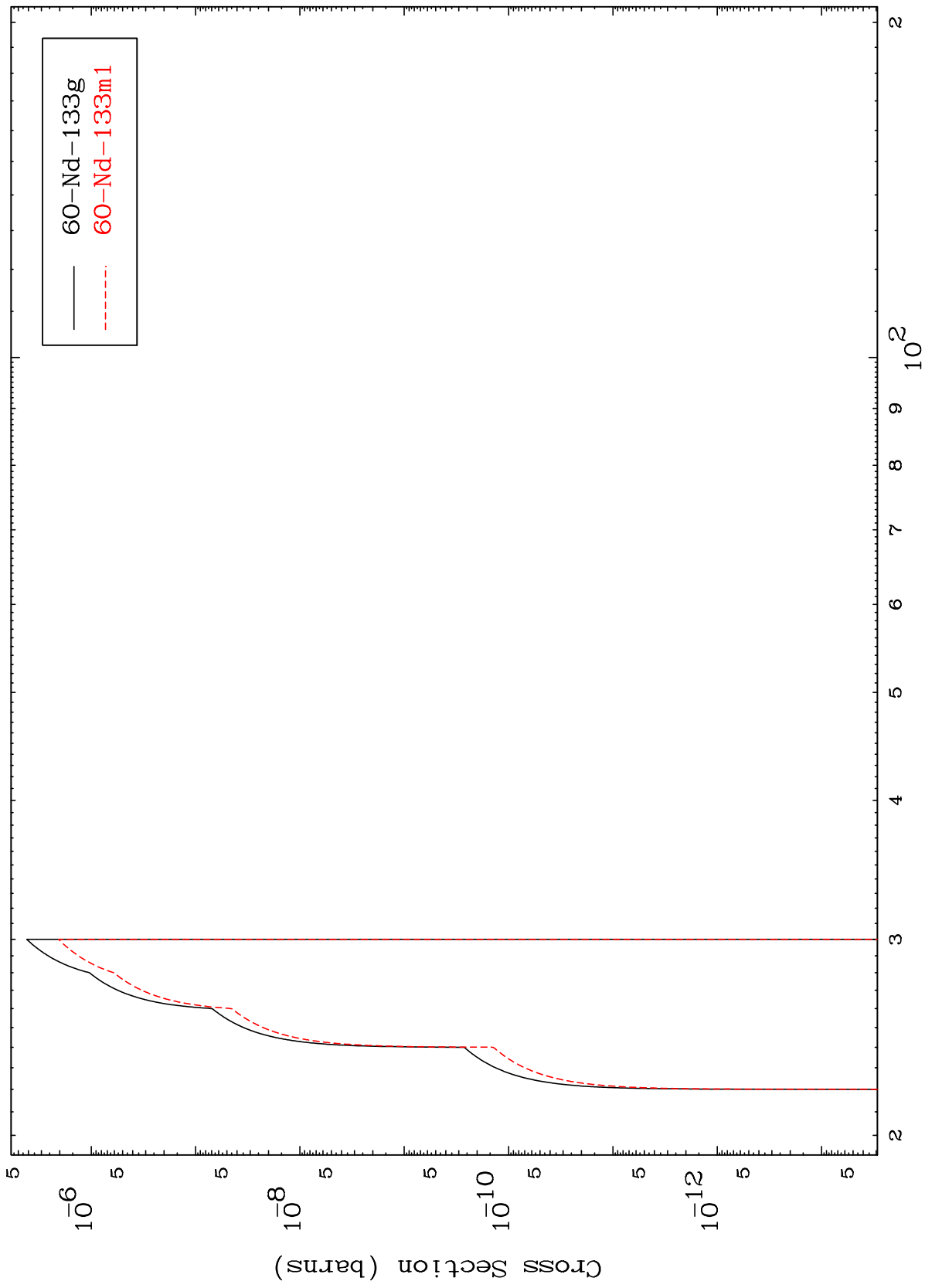
61-Pm-136

MAT 6117

$(\gamma, n')$  d

61-Pm-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

61-Pm-136

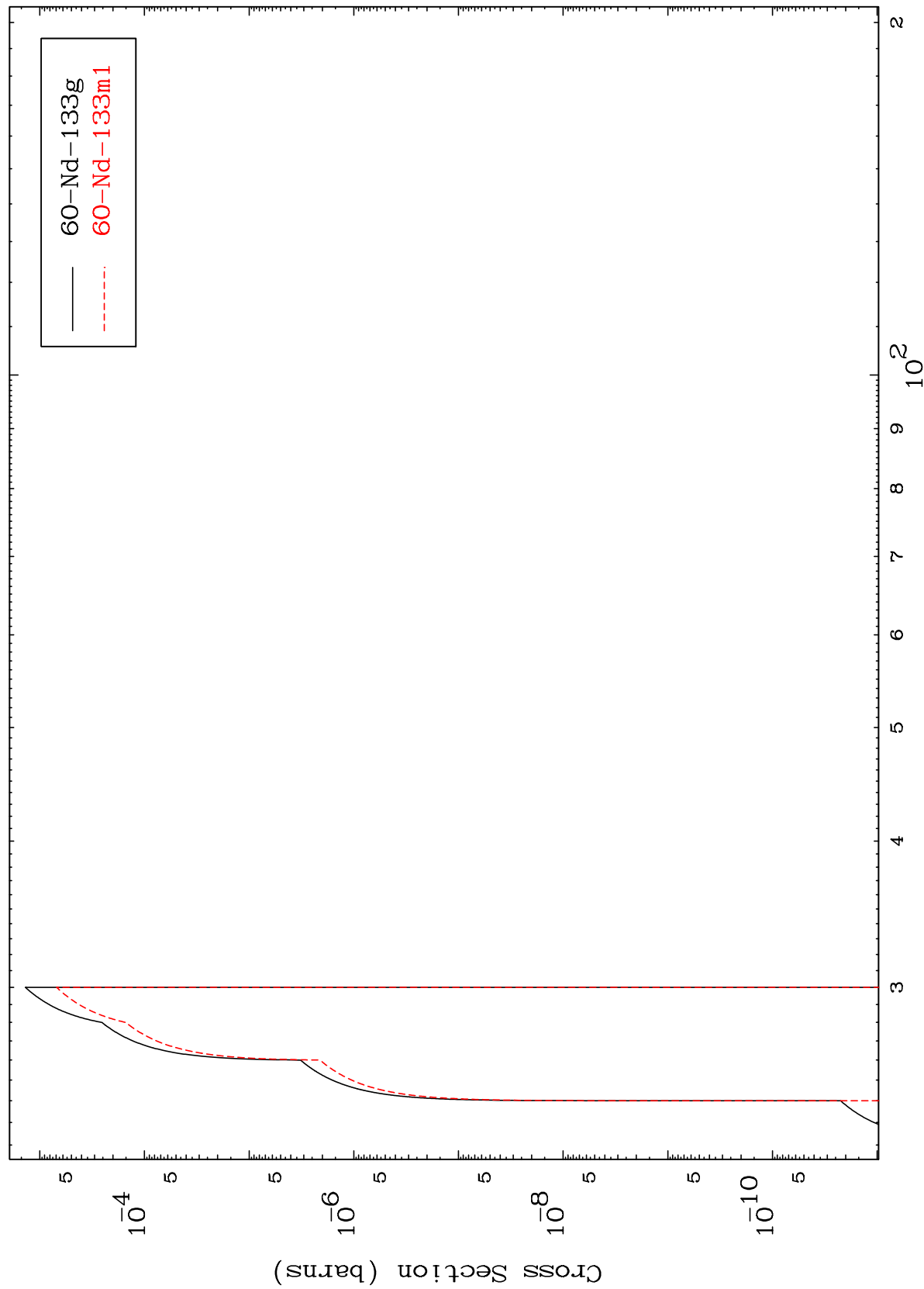


MAT 6117

( $\gamma, 2n$ ) p

61-Pm-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

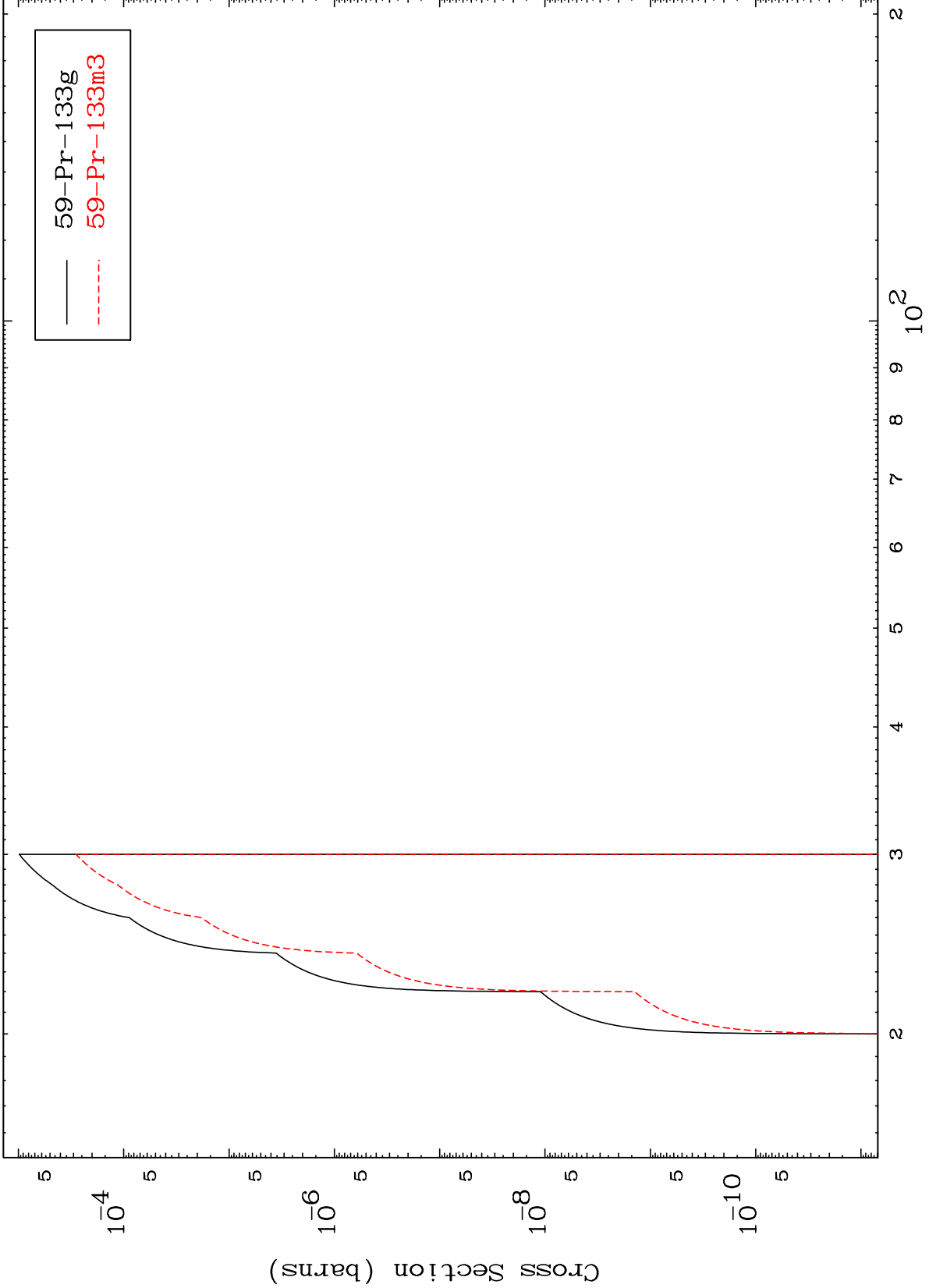
61-Pm-136

MAT 6117

( $\gamma, 2n$ ) p

61-Pm-136

Radionuclide Production Cross Section



17

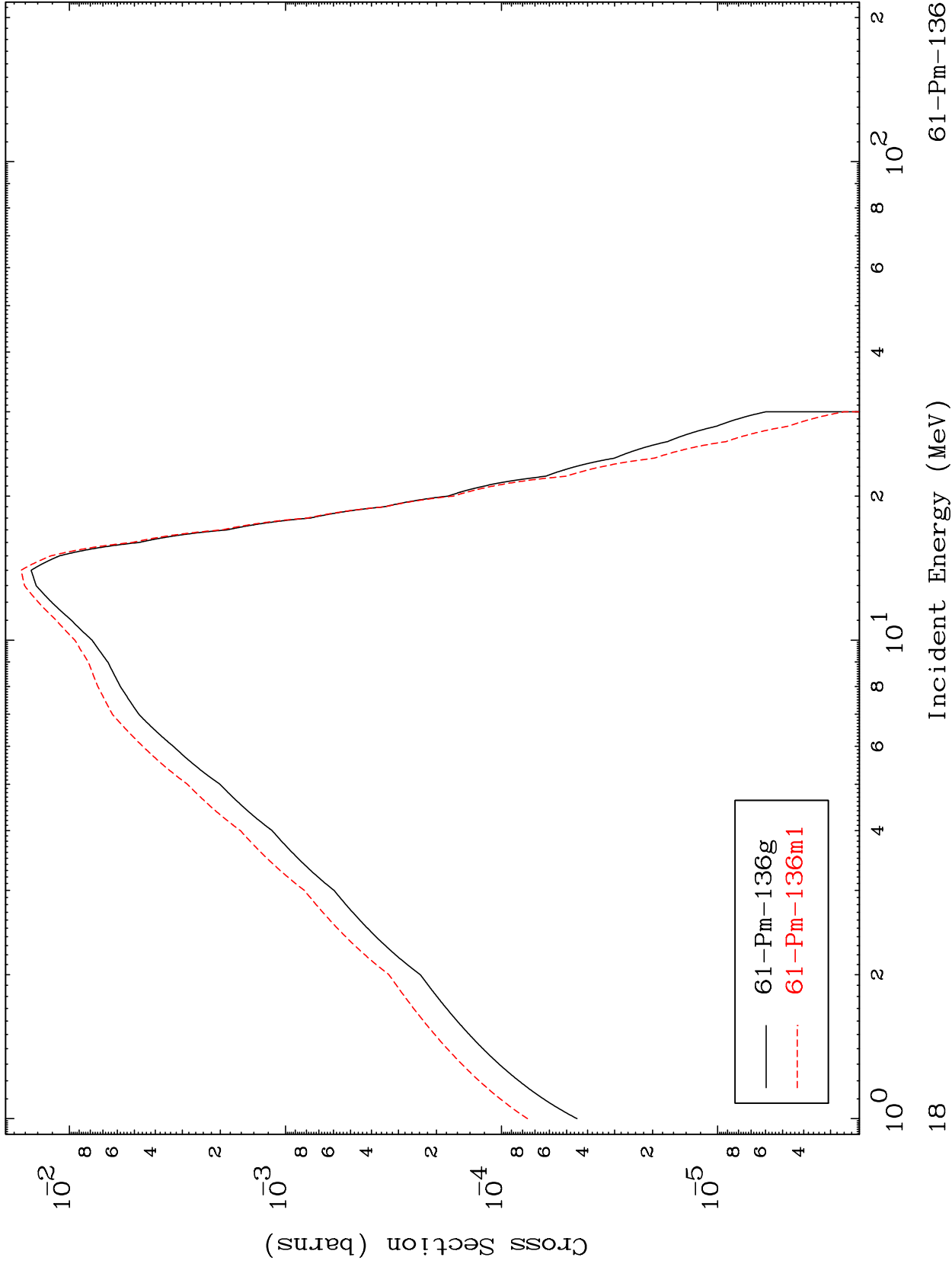
Incident Energy (MeV)

61-Pm-136

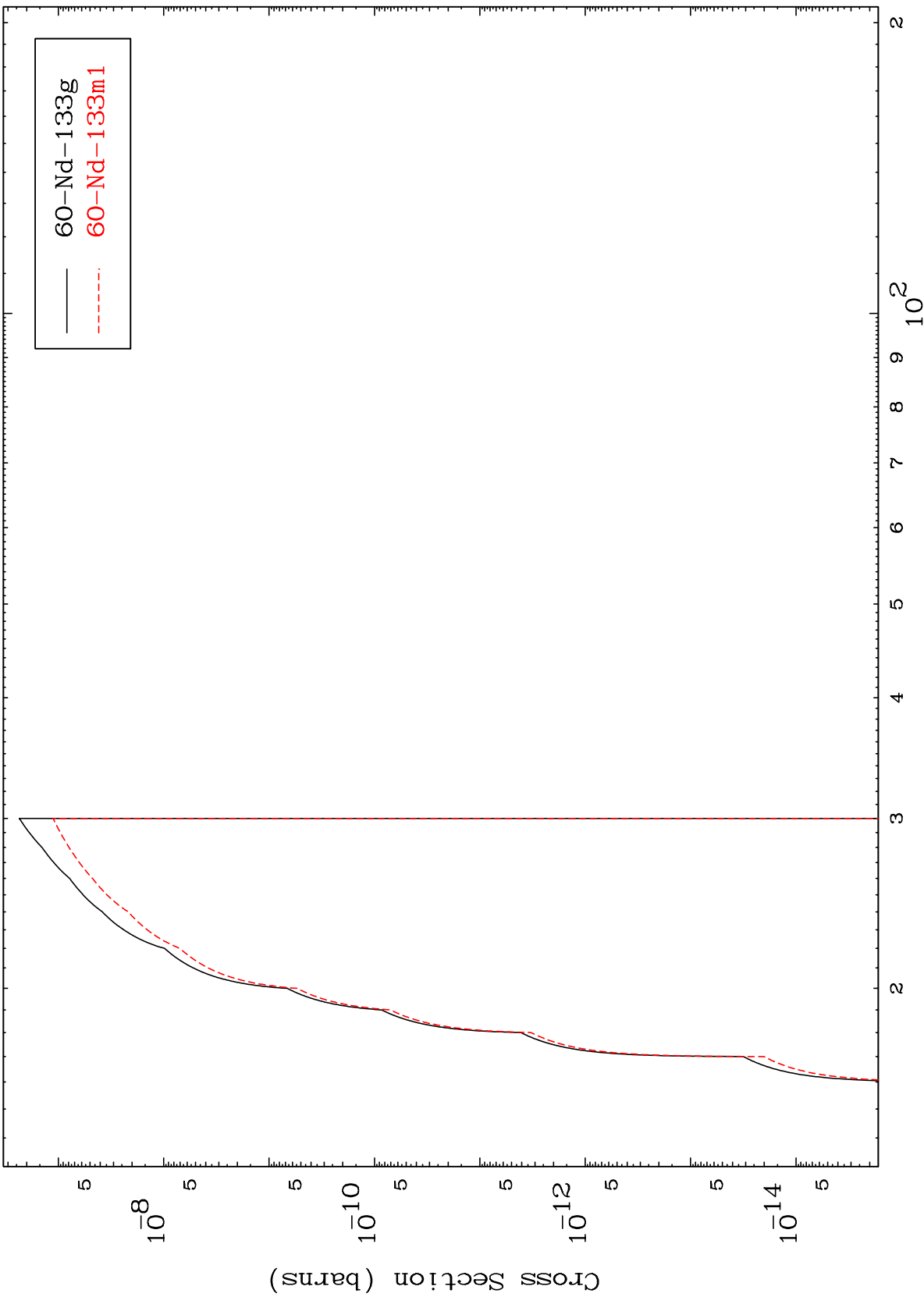
MAT 6117

61-Pm-136

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



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

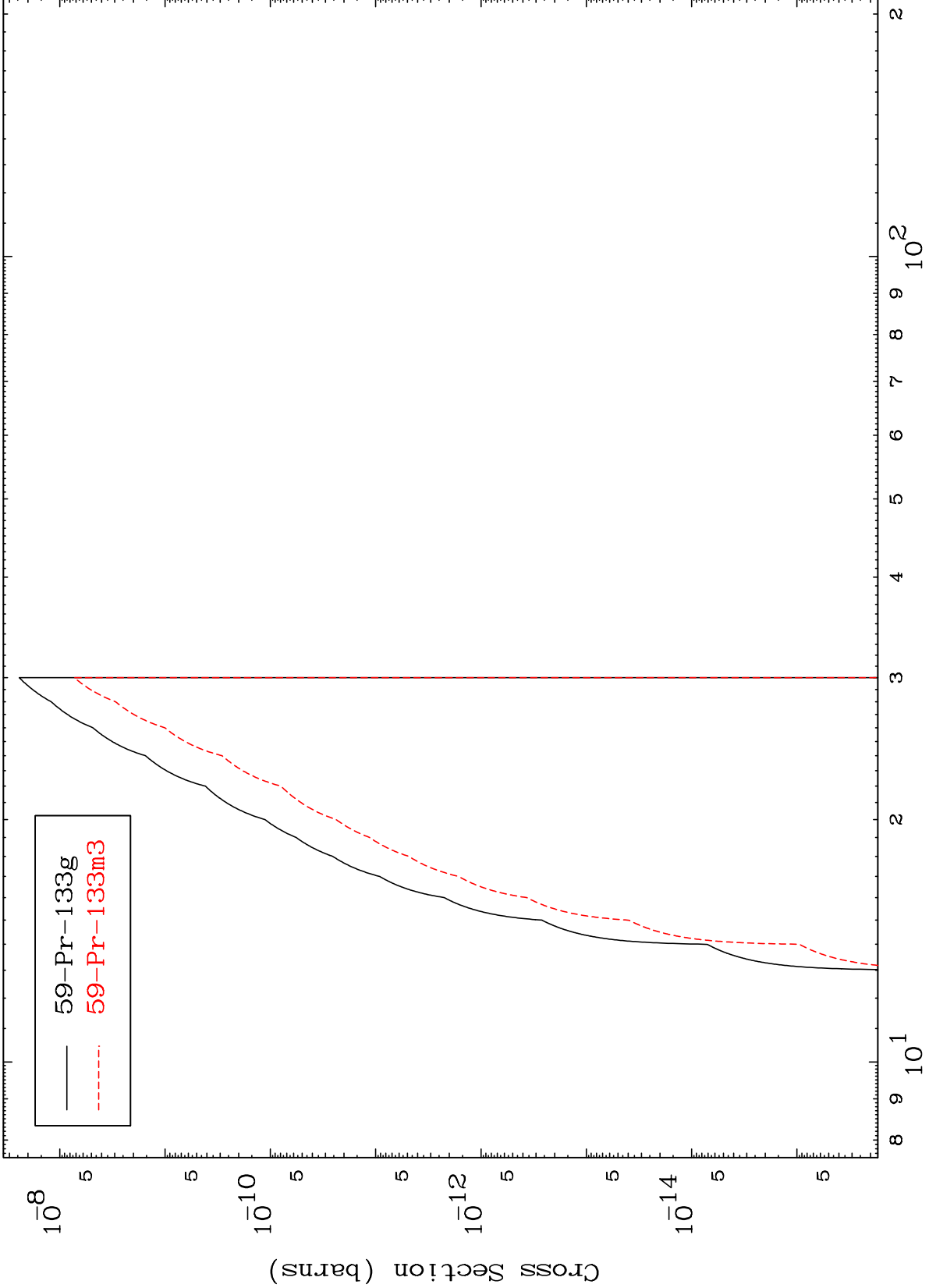


MAT 61117

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

61-Pm-136

Radionuclide Production Cross Section



20

Incident Energy (MeV)

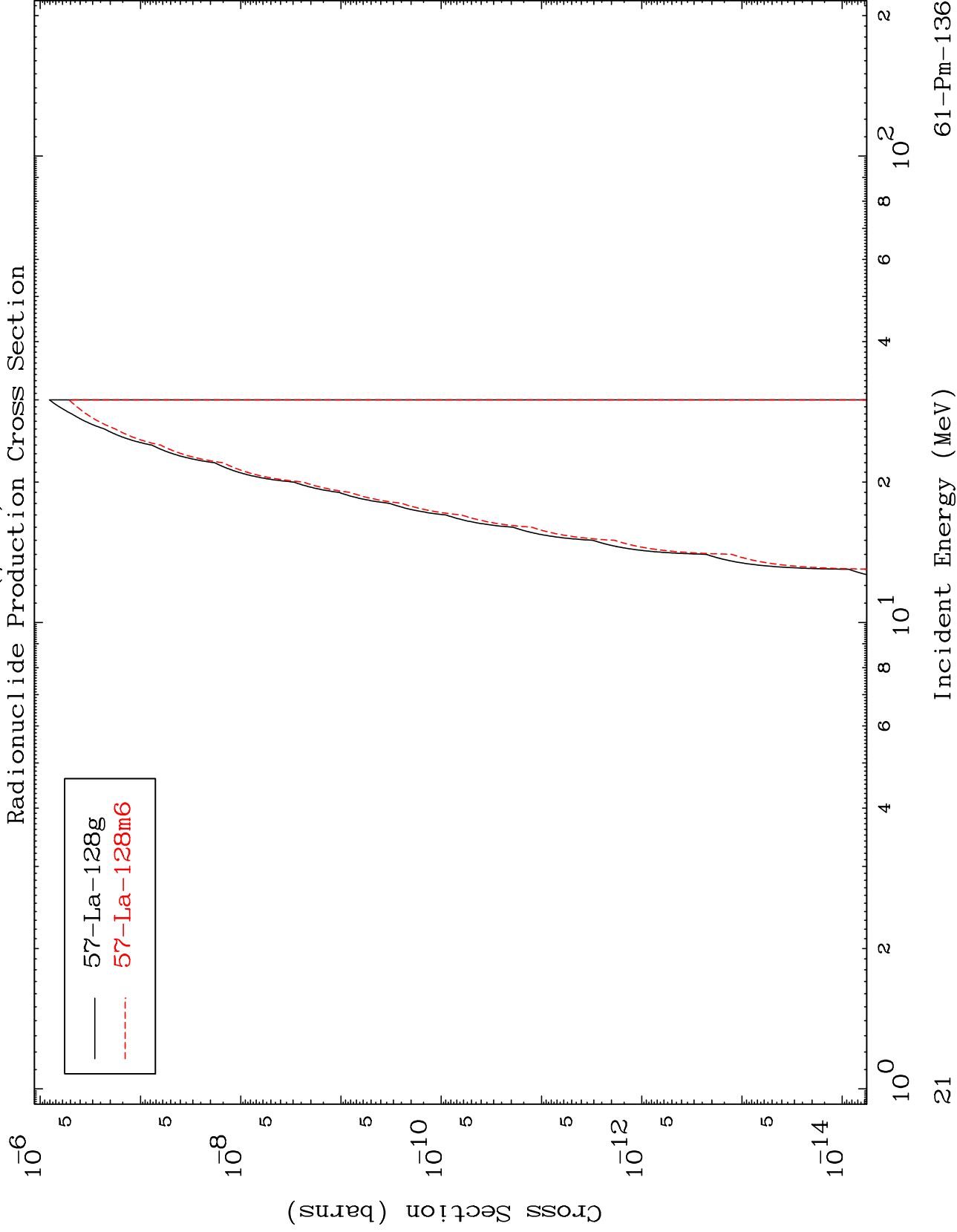
61-Pm-136

MAT 6117

( $\gamma, 2\alpha$ )

61-Pm-136

Radionuclide Production Cross Section



21

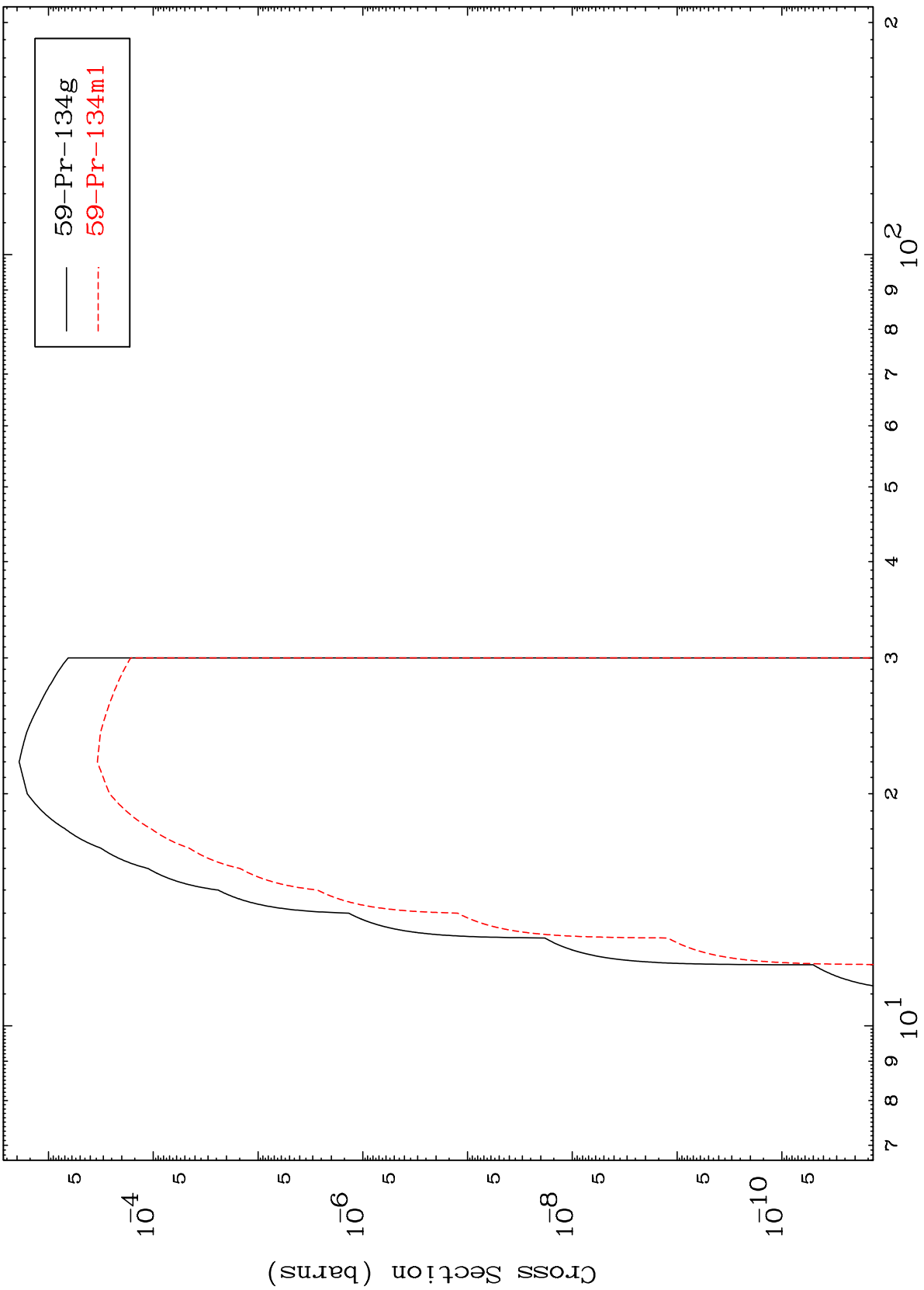
Incident Energy (MeV)

61-Pm-136

MAT 6117

61-Pm-136

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



59-Pr-134g  
59-Pr-134m1

22

Incident Energy (MeV)

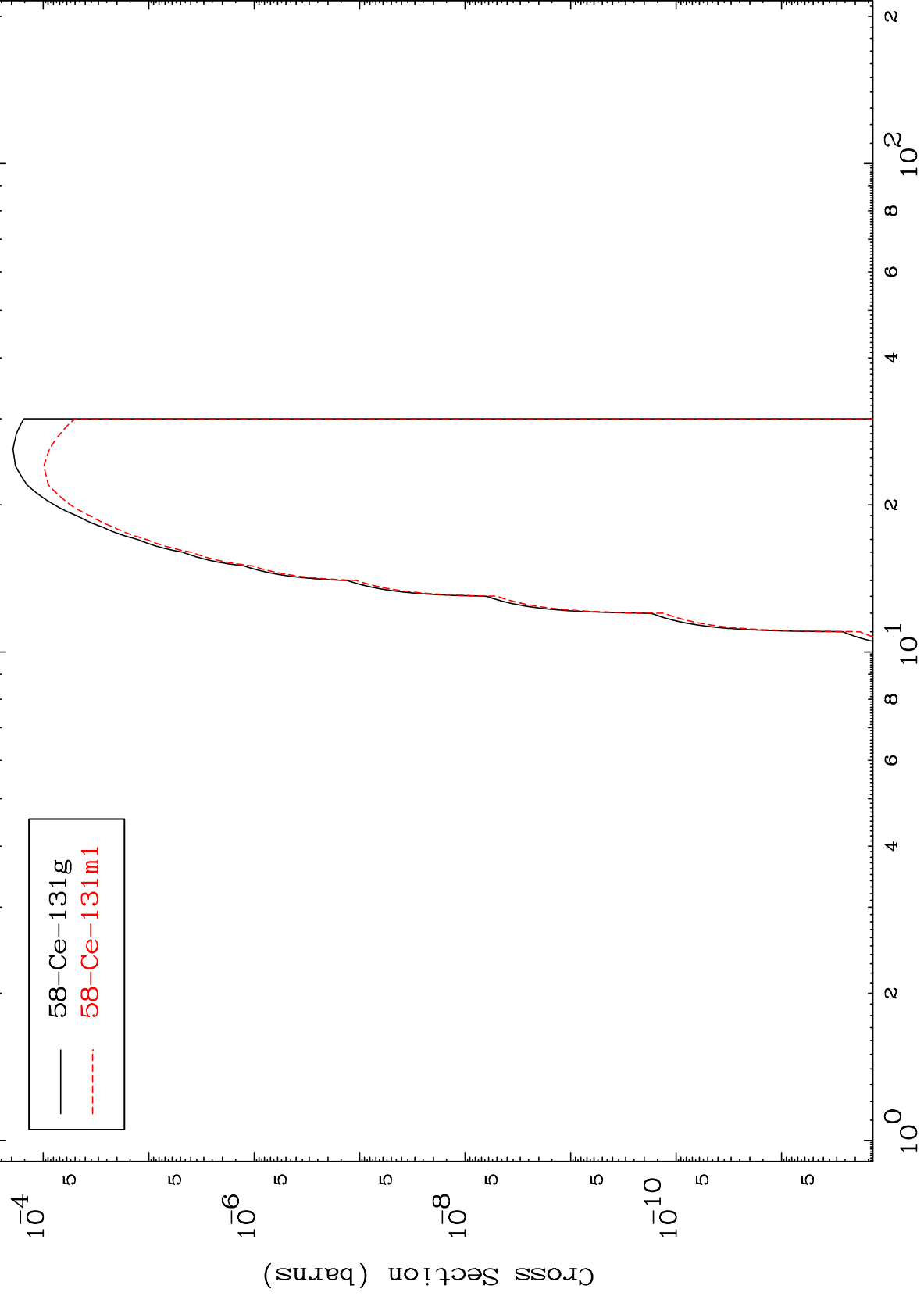
61-Pm-136

MAT 6117

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

61-Pm-136

Radionuclide Production Cross Section



Incident Energy (MeV)

61-Pm-136

23



Radionuclide Production Cross Section

