

Program EVALPLOT  
(Version 2018-1)

by

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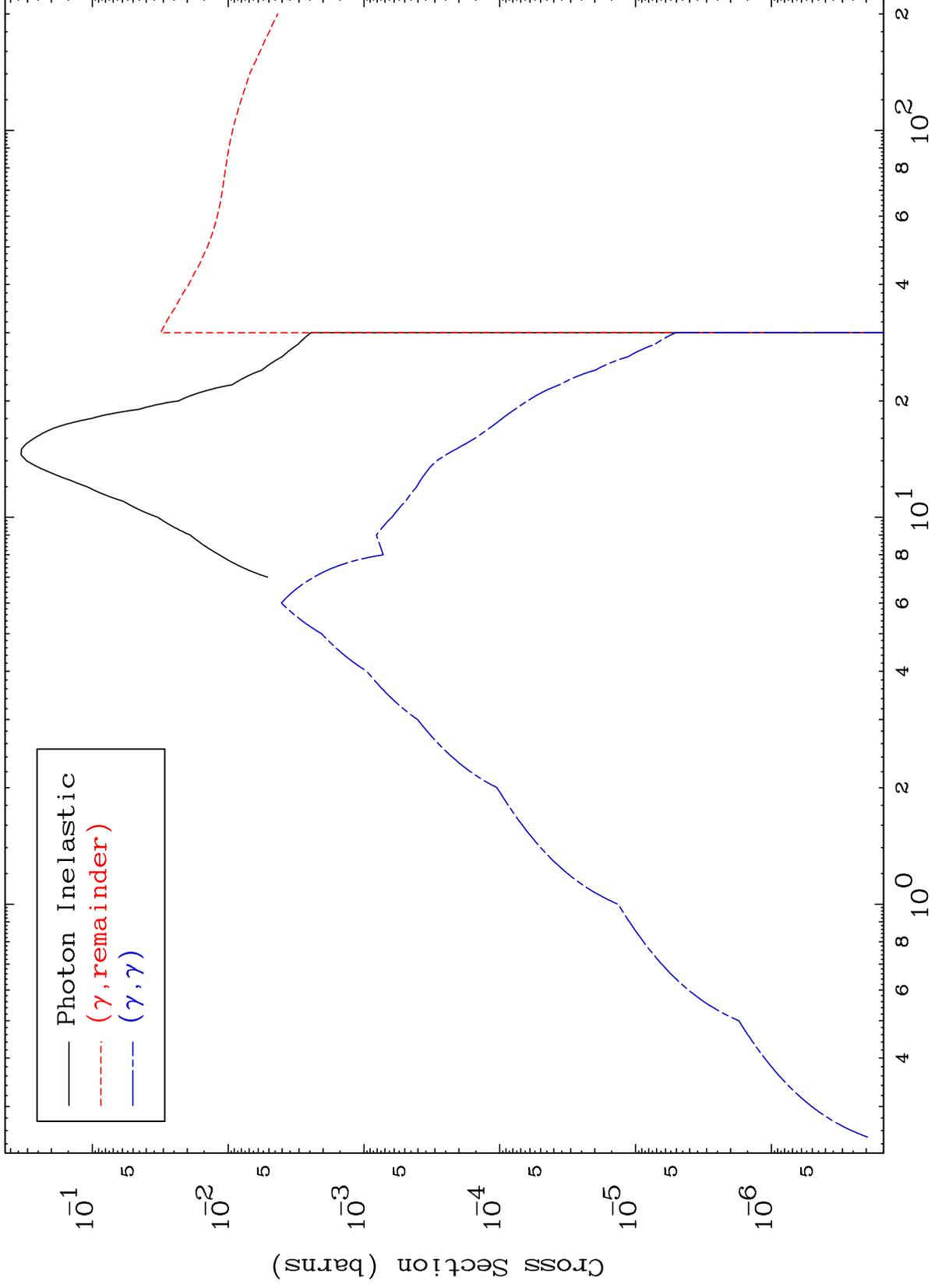
Press Mouse Button to Start

MAT 6140

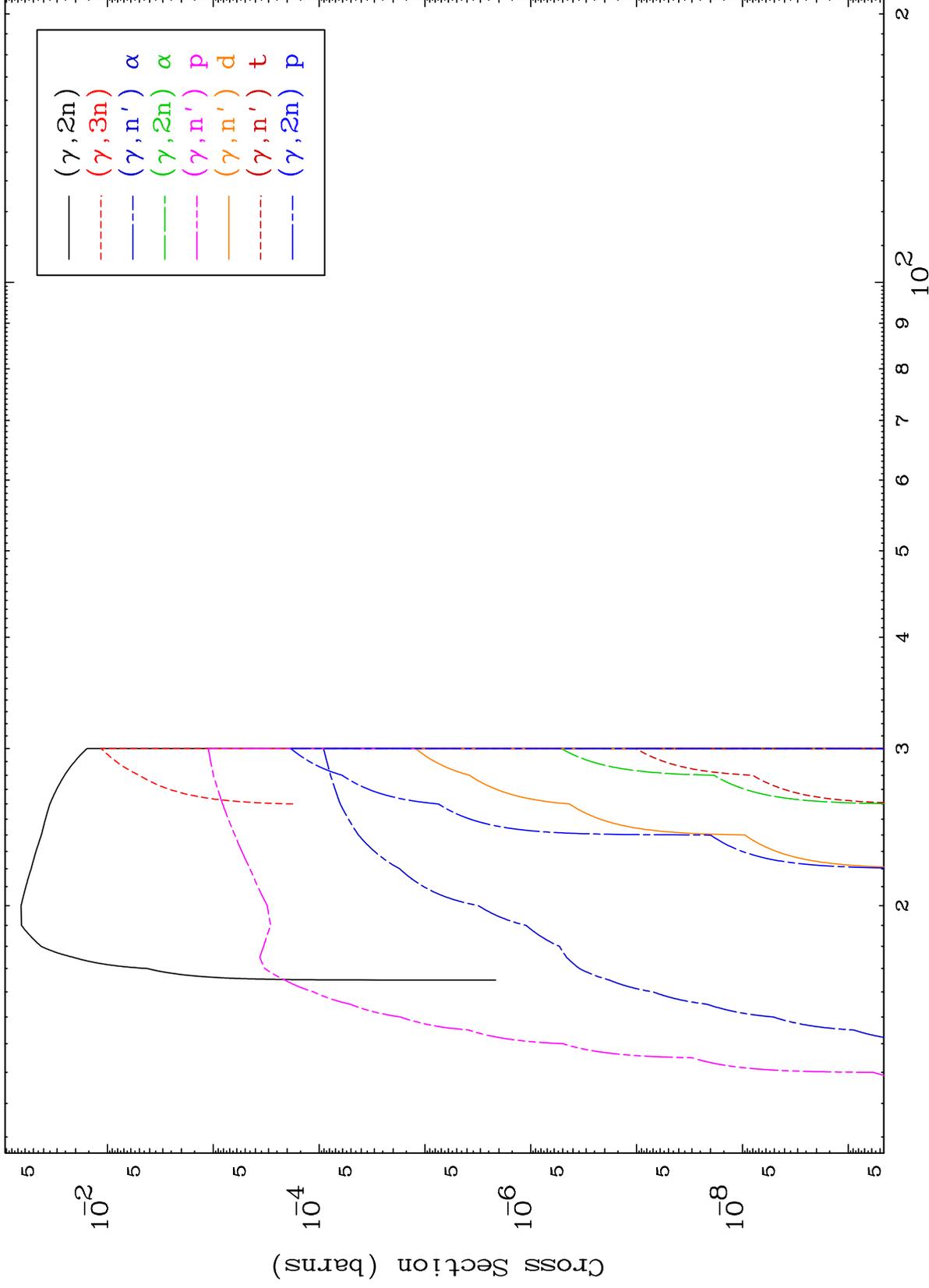
Photon Major

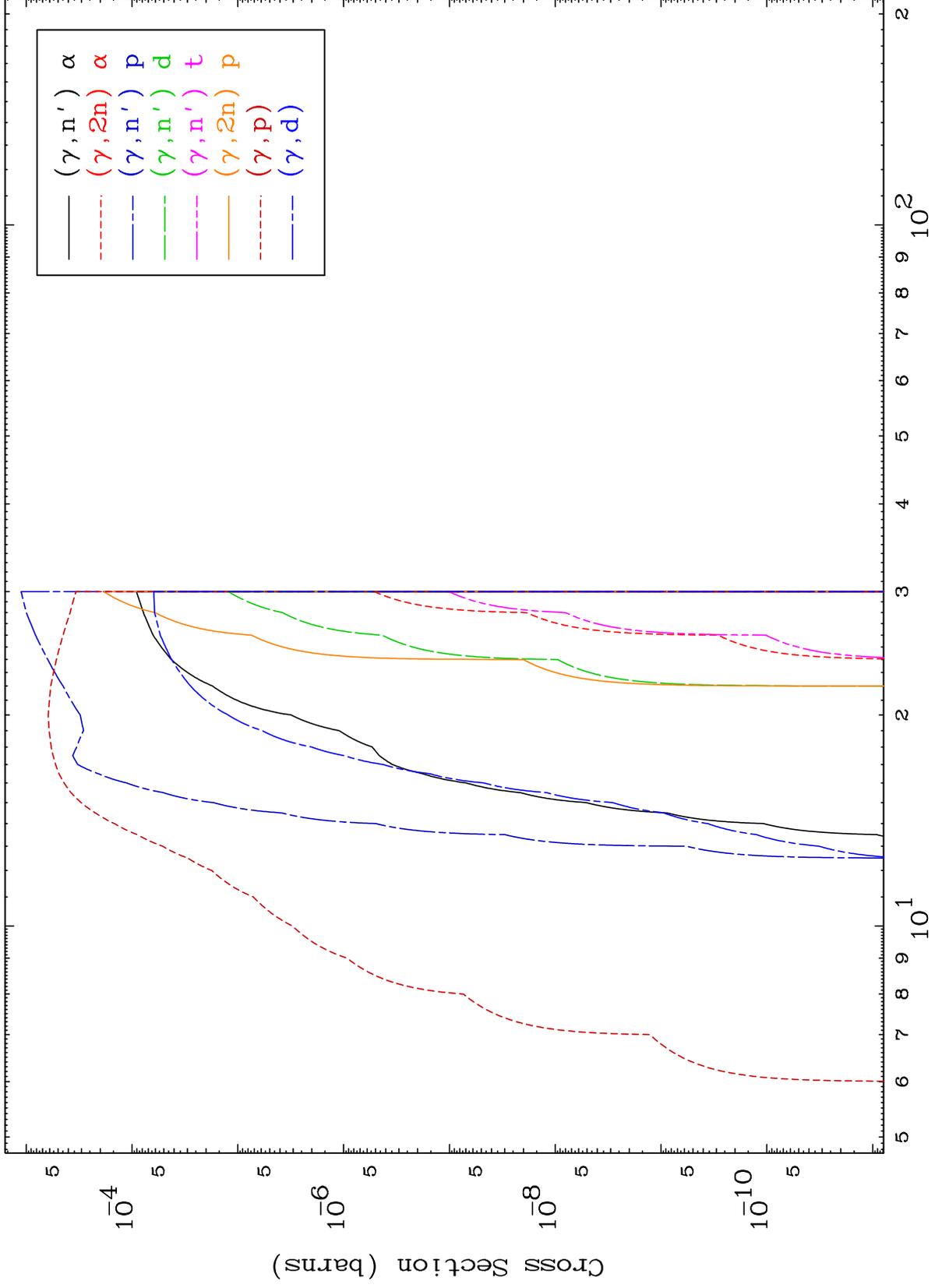
61-Pm-144

0 Kelvin Cross Sections



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

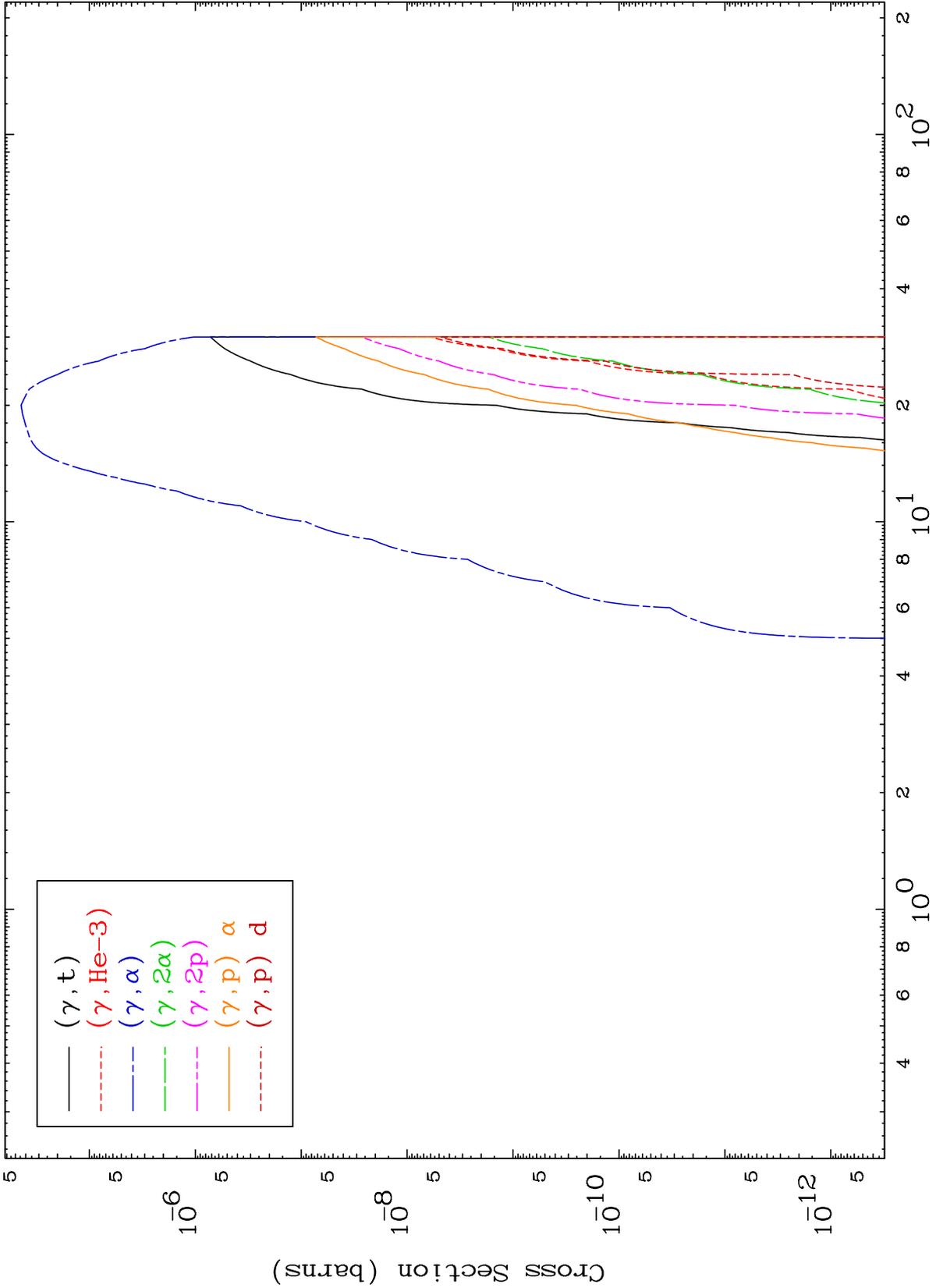




MAT 6140

Photon Charged Particle  
0 Kelvin Cross Sections

61-Pm-144

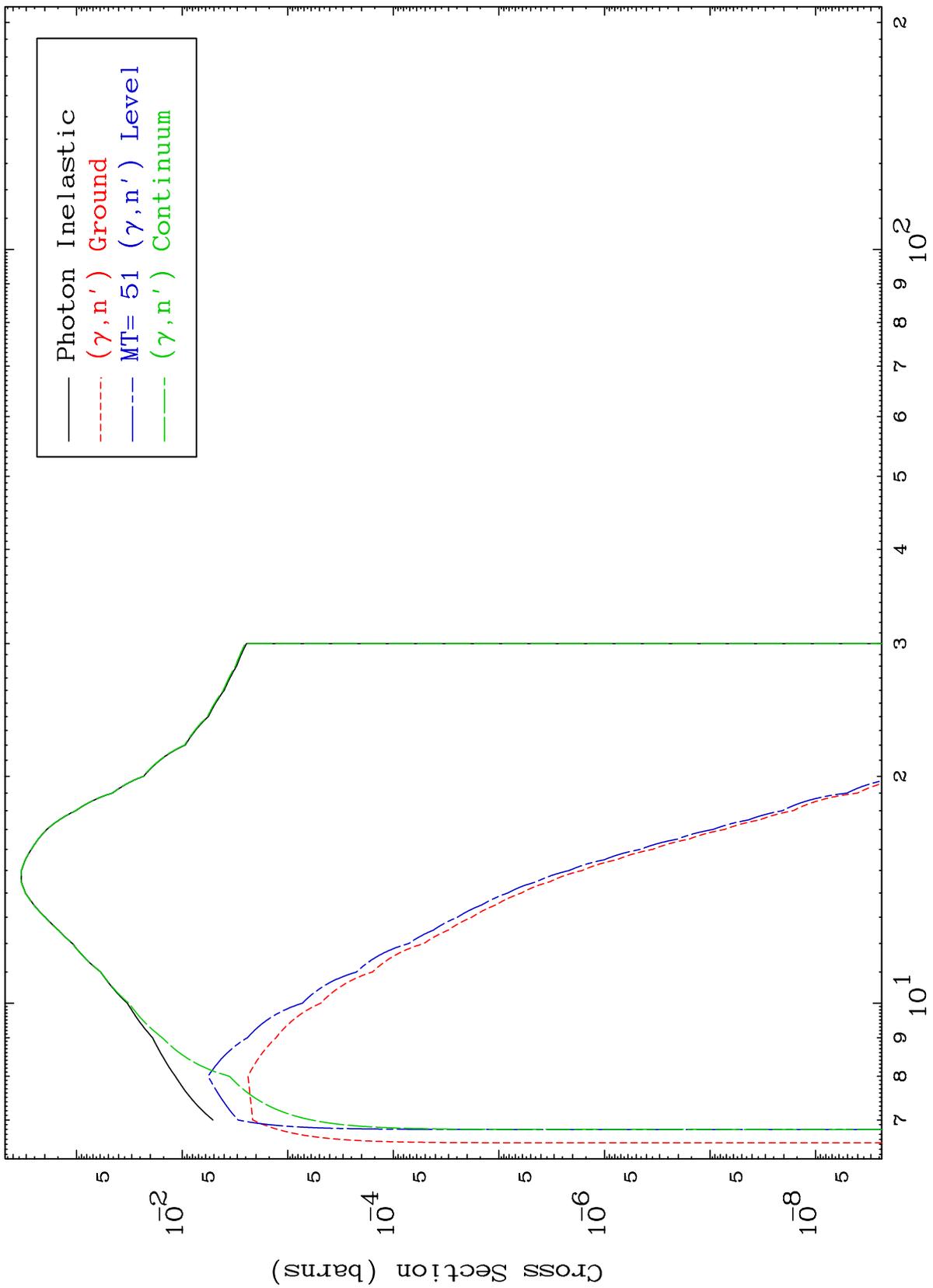


MAT 6140

( $\gamma, n'$ ) Level

61-Pm-144

0 Kelvin Cross Sections



5

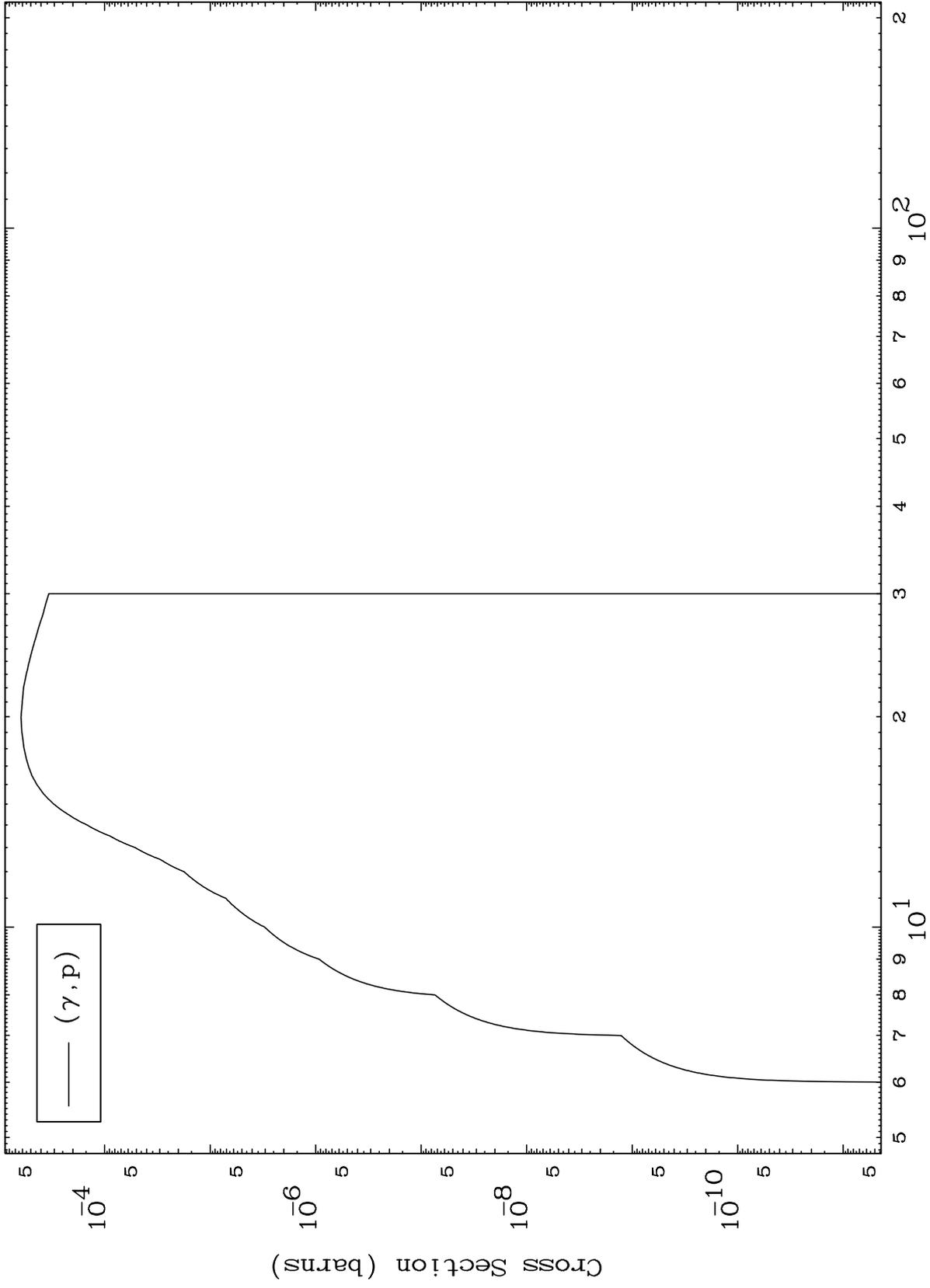
Incident Energy (MeV)

61-Pm-144

MAT 6140

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

61-Pm-144



Incident Energy (MeV)

61-Pm-144

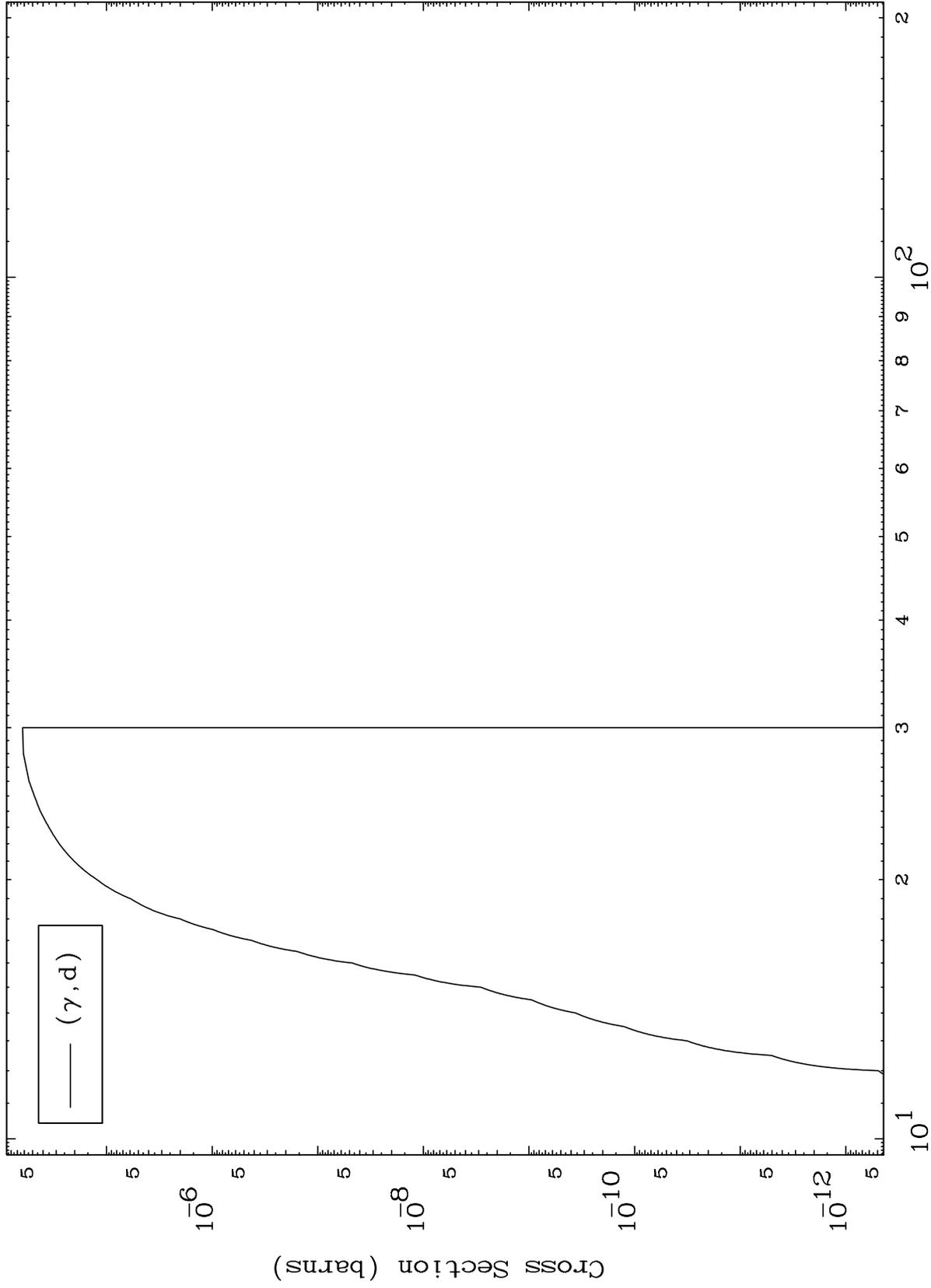
6

MAT 6140

( $\gamma, d$ ) Levels

61-Pm-144

0 Kelvin Cross Sections



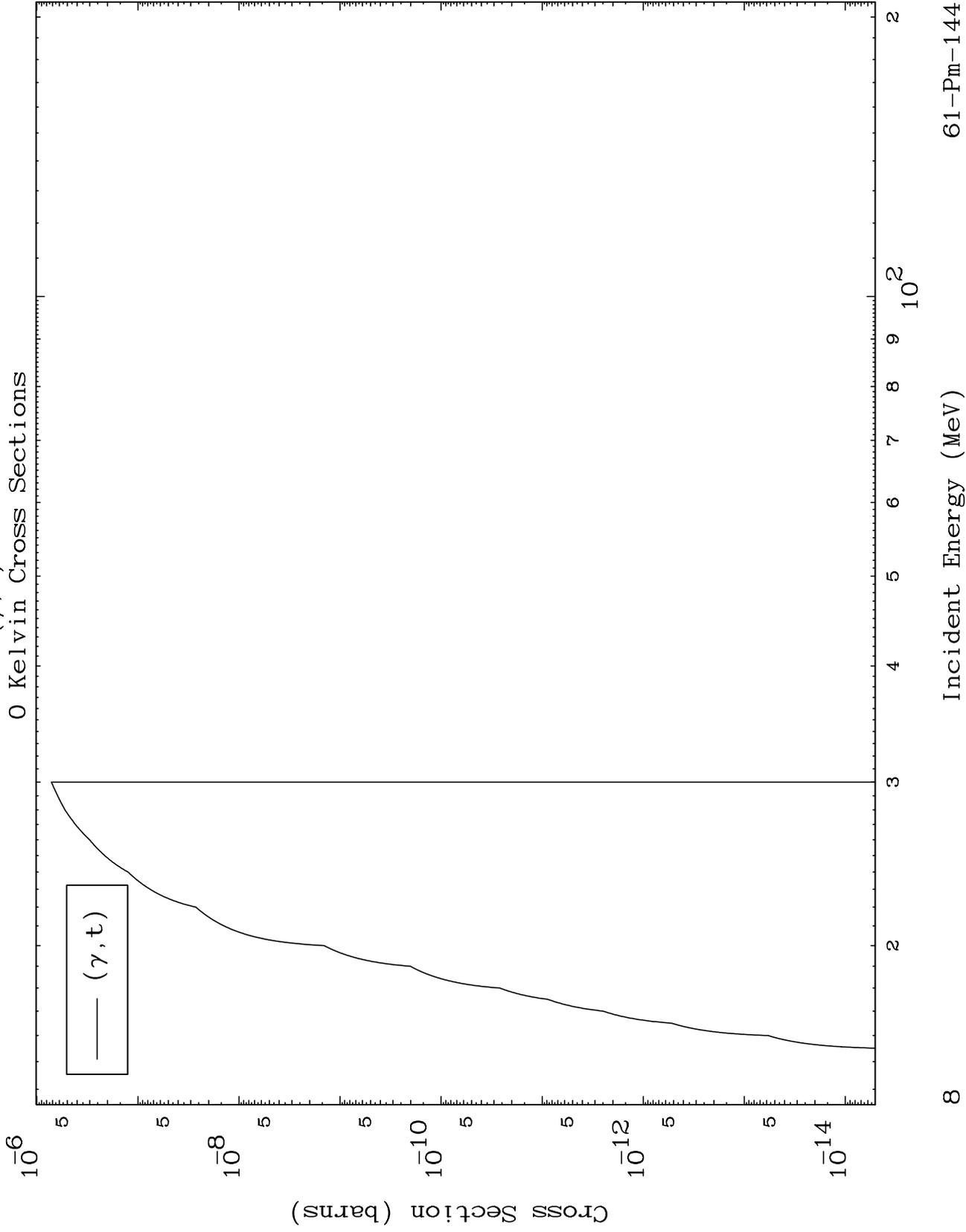
Incident Energy (MeV)

61-Pm-144

MAT 6140

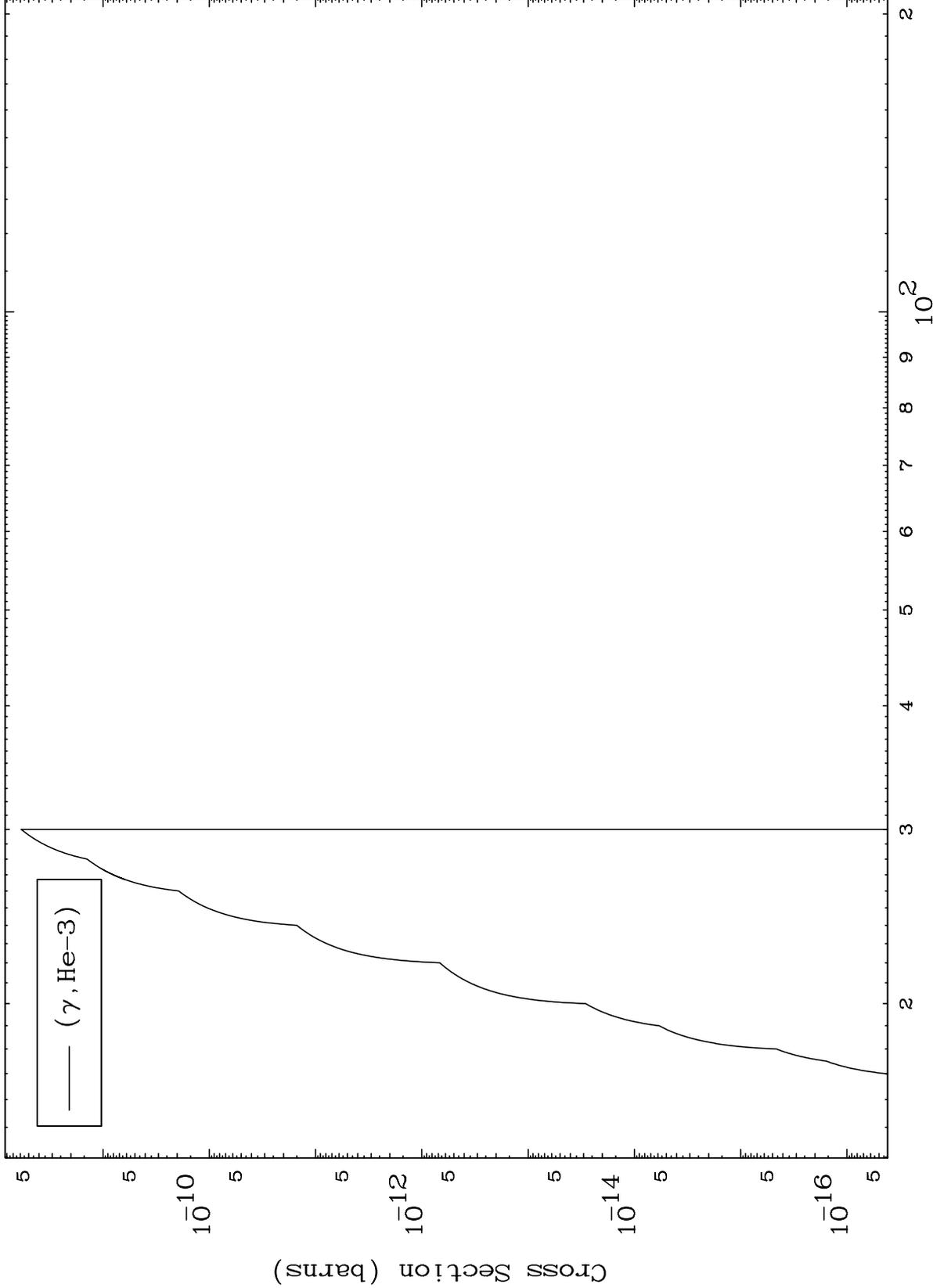
( $\gamma, t$ ) Levels

61-Pm-144



8

0 Kelvin Cross Sections

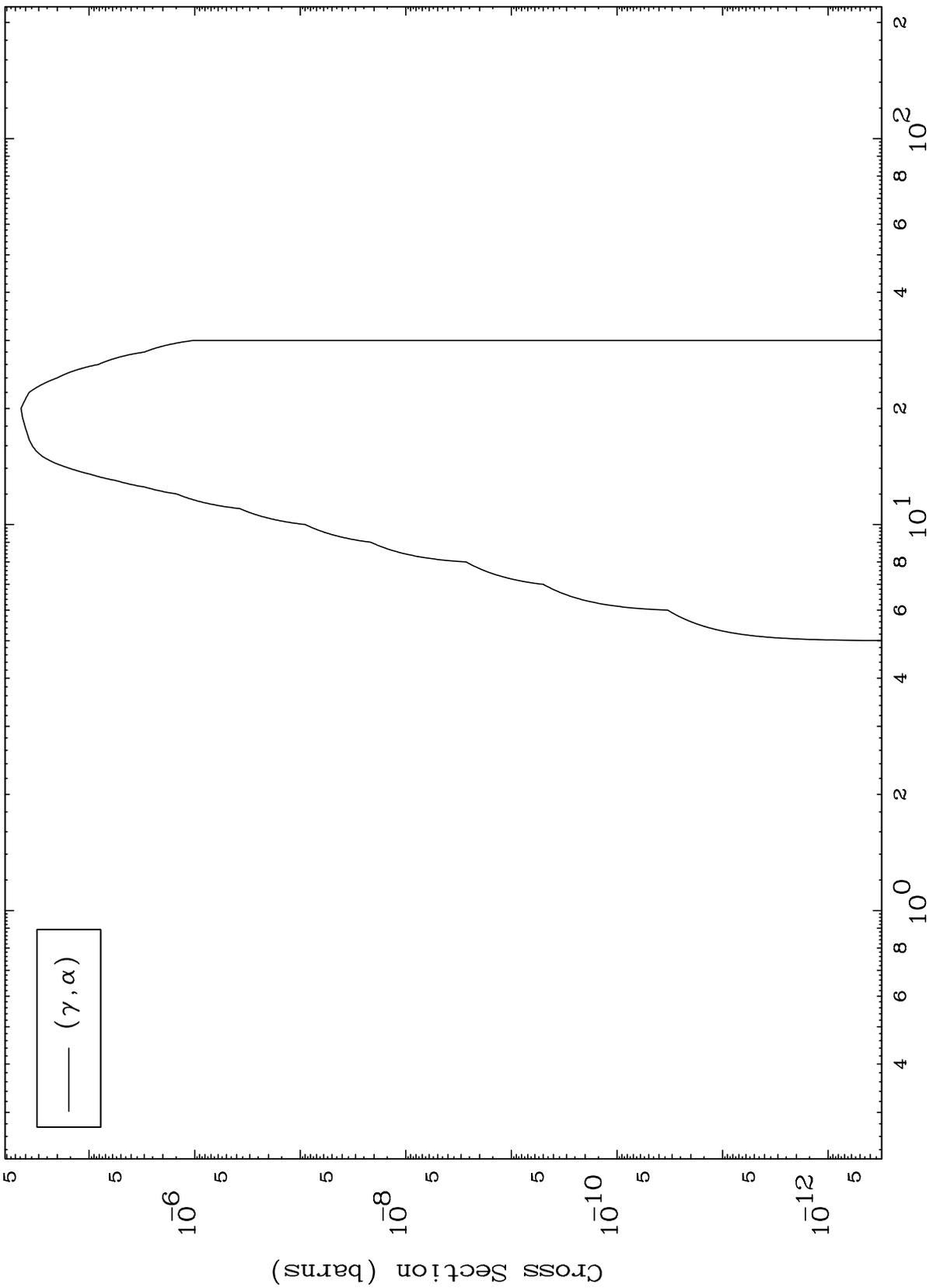


MAT 6140

( $\gamma, \alpha$ ) Levels

61-Pm-144

0 Kelvin Cross Sections



10

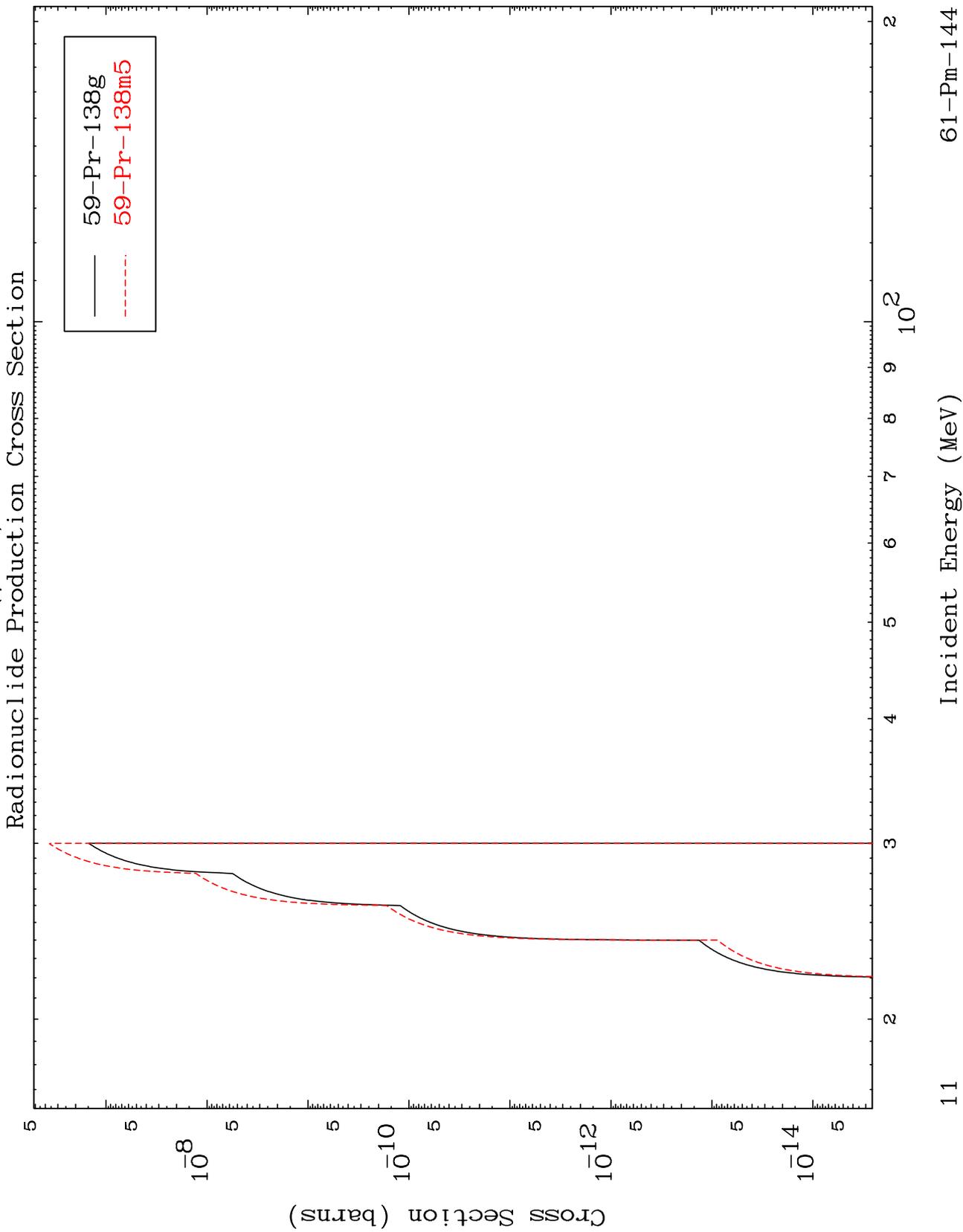
Incident Energy (MeV)

61-Pm-144

MAT 6140

$(\gamma, 2n) \alpha$

61-Pm-144



11

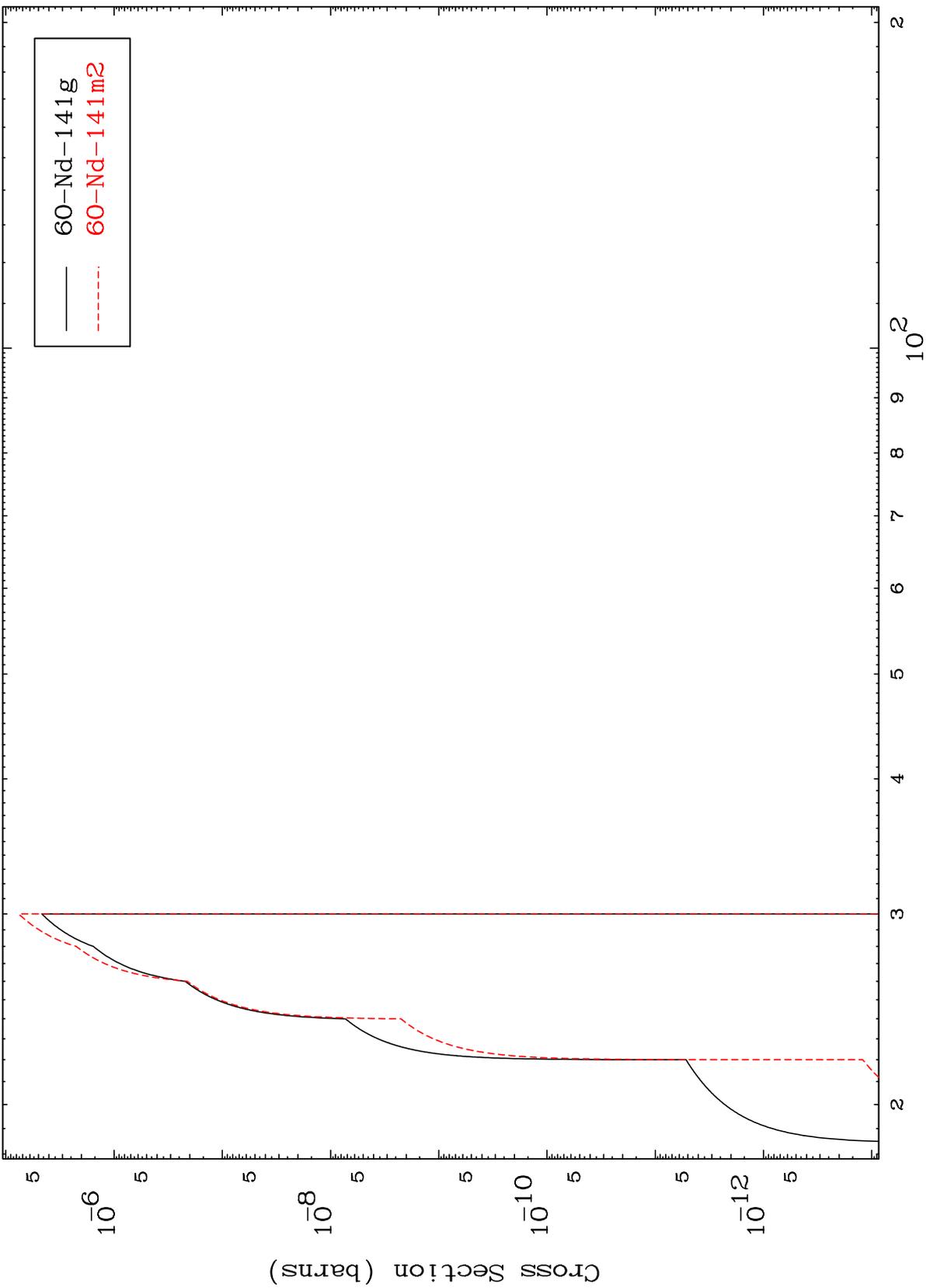
61-Pm-144

MAT 6140

( $\gamma, n'$ ) d

61-Pm-144

Radionuclide Production Cross Section



12

Incident Energy (MeV)

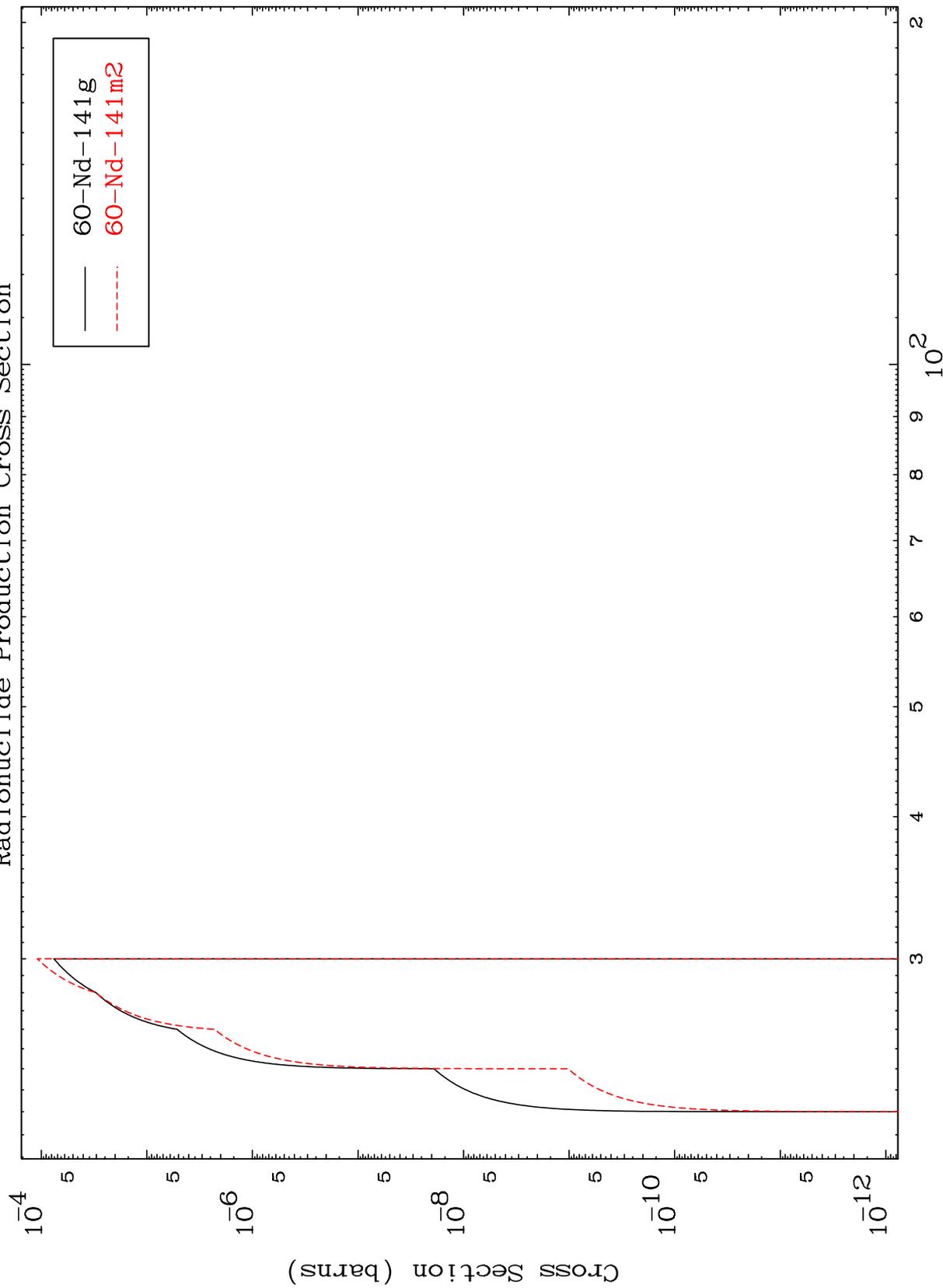
61-Pm-144

MAT 6140

$(\gamma, 2n)$  p

61-Pm-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

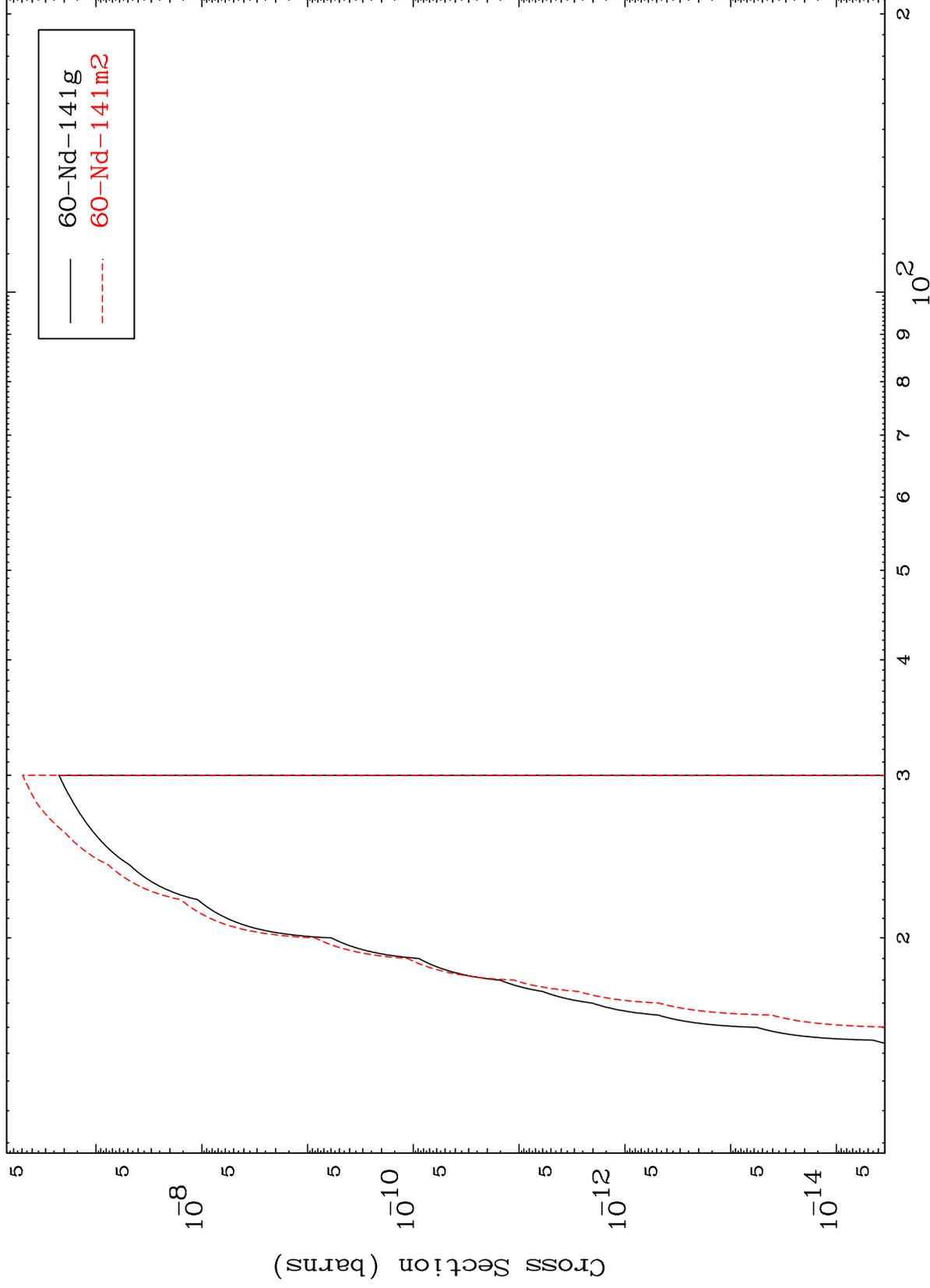
61-Pm-144

MAT 6140

( $\gamma, t$ )

61-Pm-144

Radionuclide Production Cross Section



14

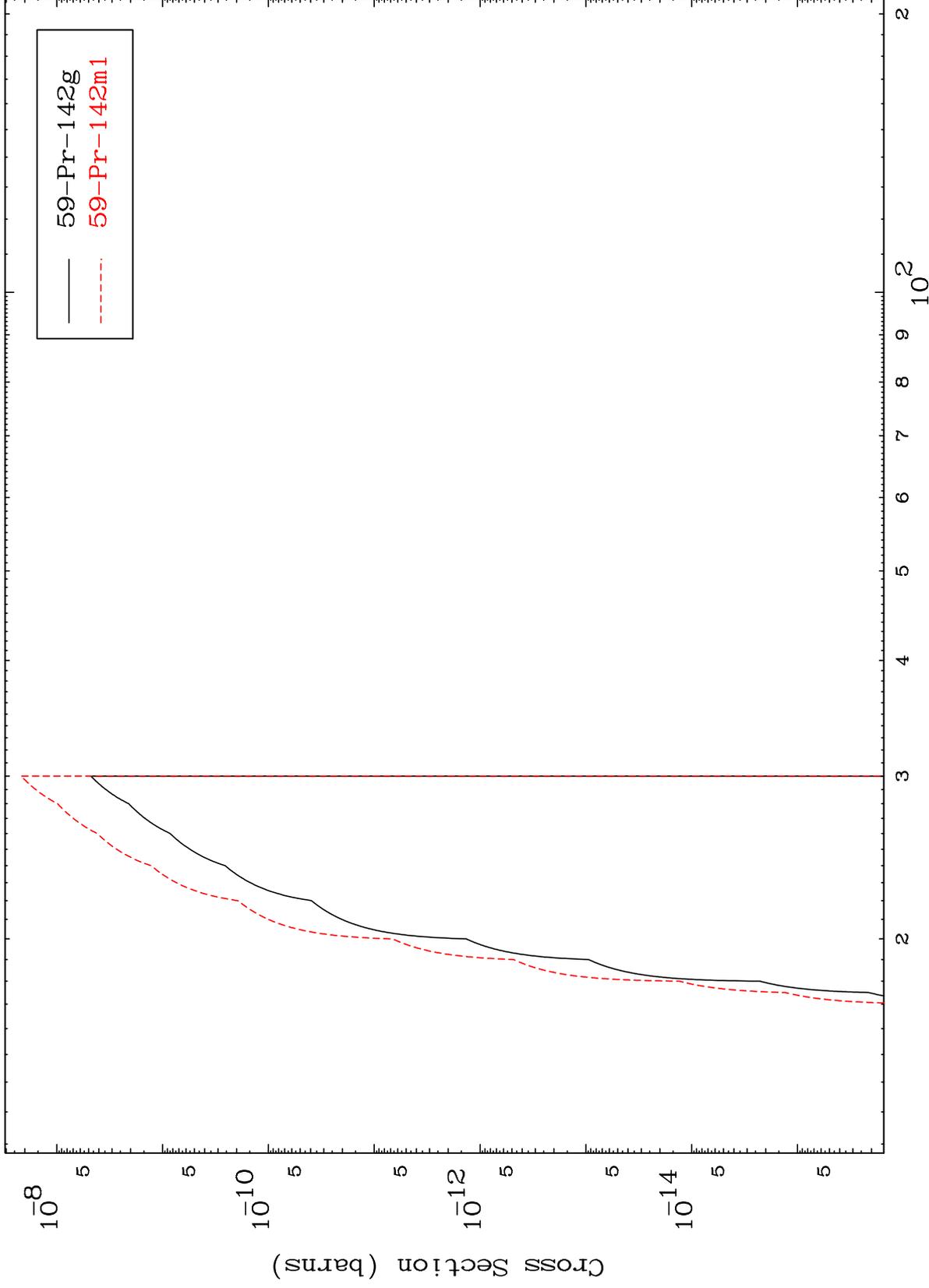
Incident Energy (MeV)

61-Pm-144

MAT 6140

61-Pm-144

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



15

Incident Energy (MeV)

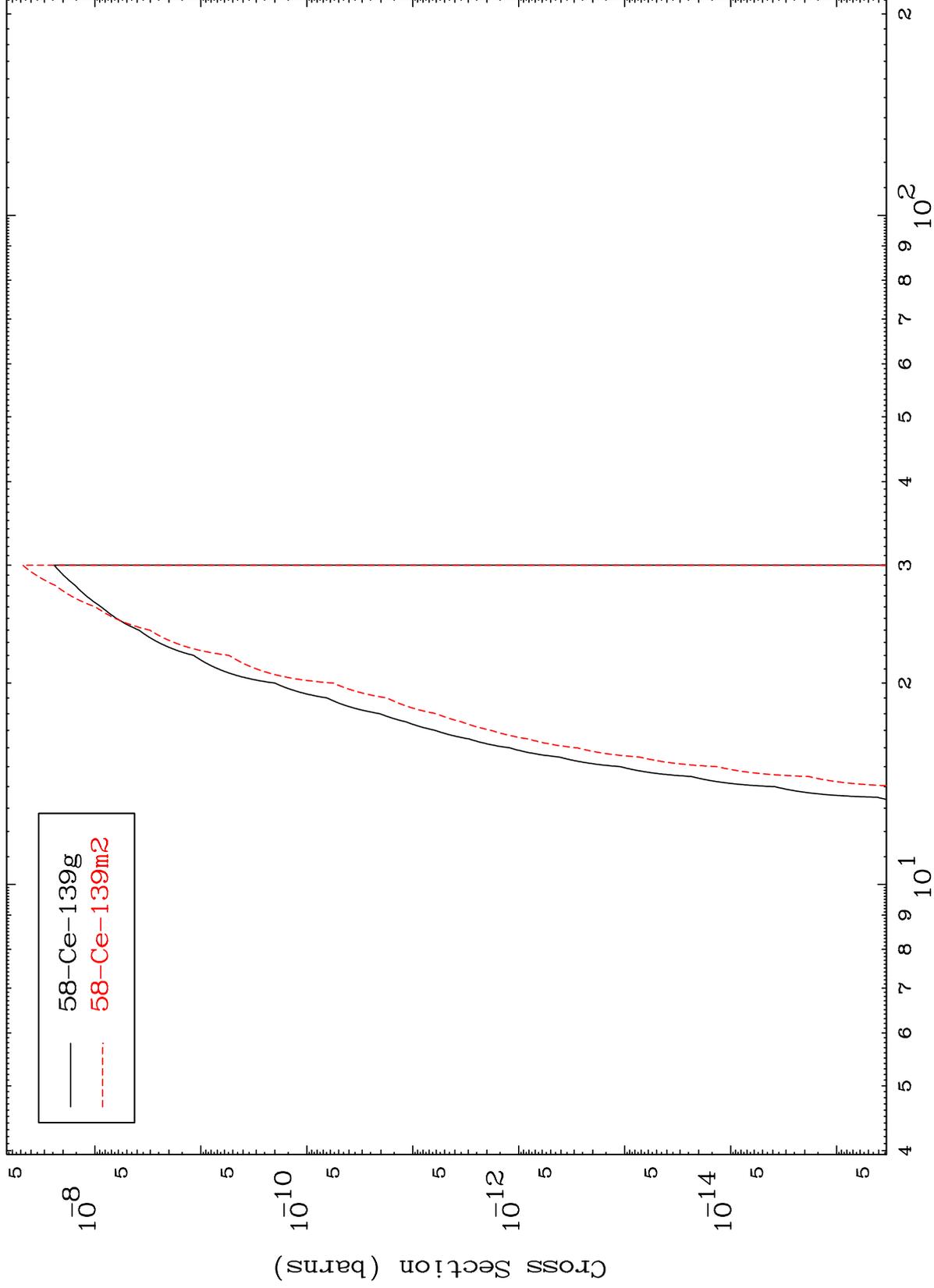
61-Pm-144

MAT 6140

$(\gamma, p) \alpha$

61-Pm-144

Radionuclide Production Cross Section



Incident Energy (MeV)

61-Pm-144

16