

Program EVALPLOT  
(Version 2018-1)

by

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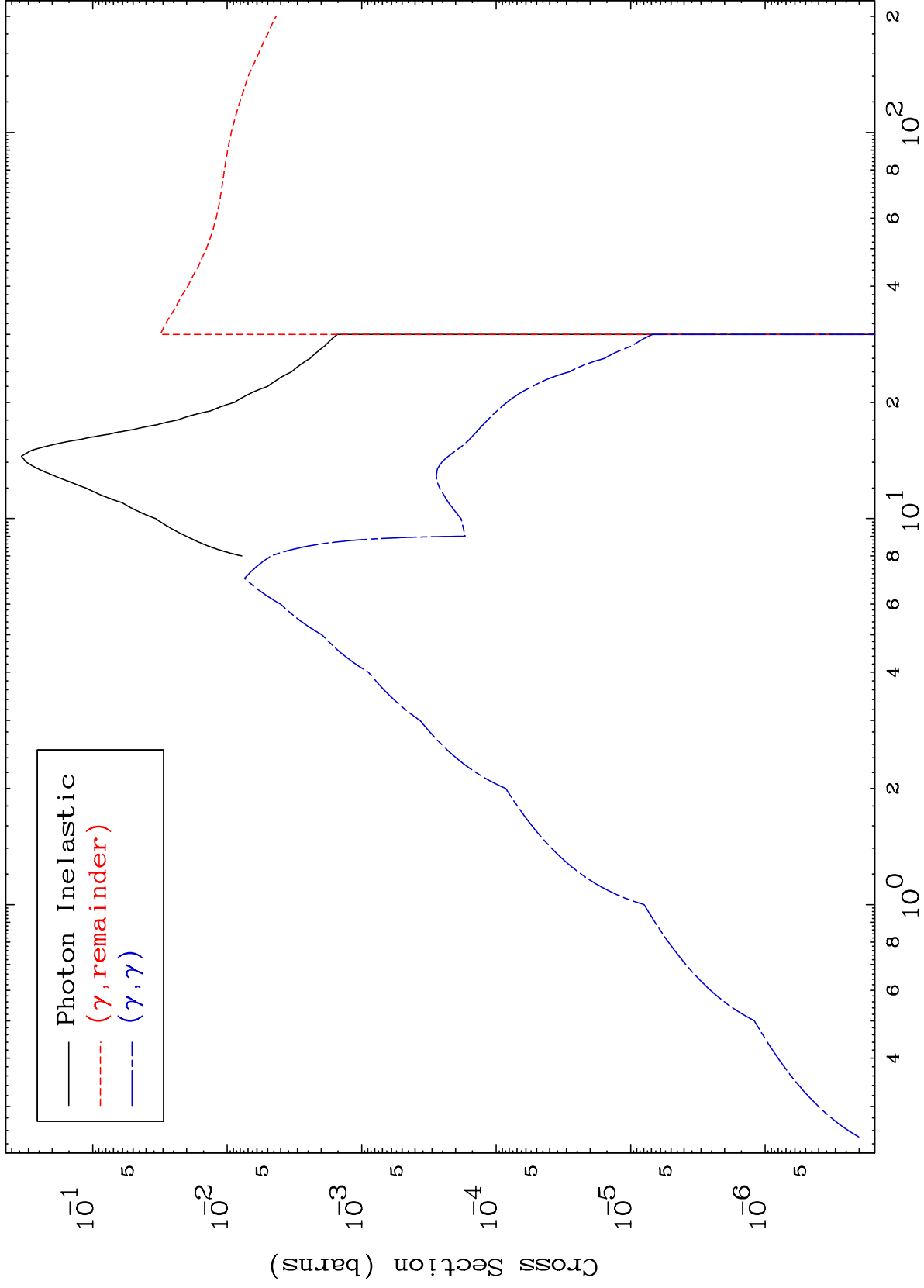
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

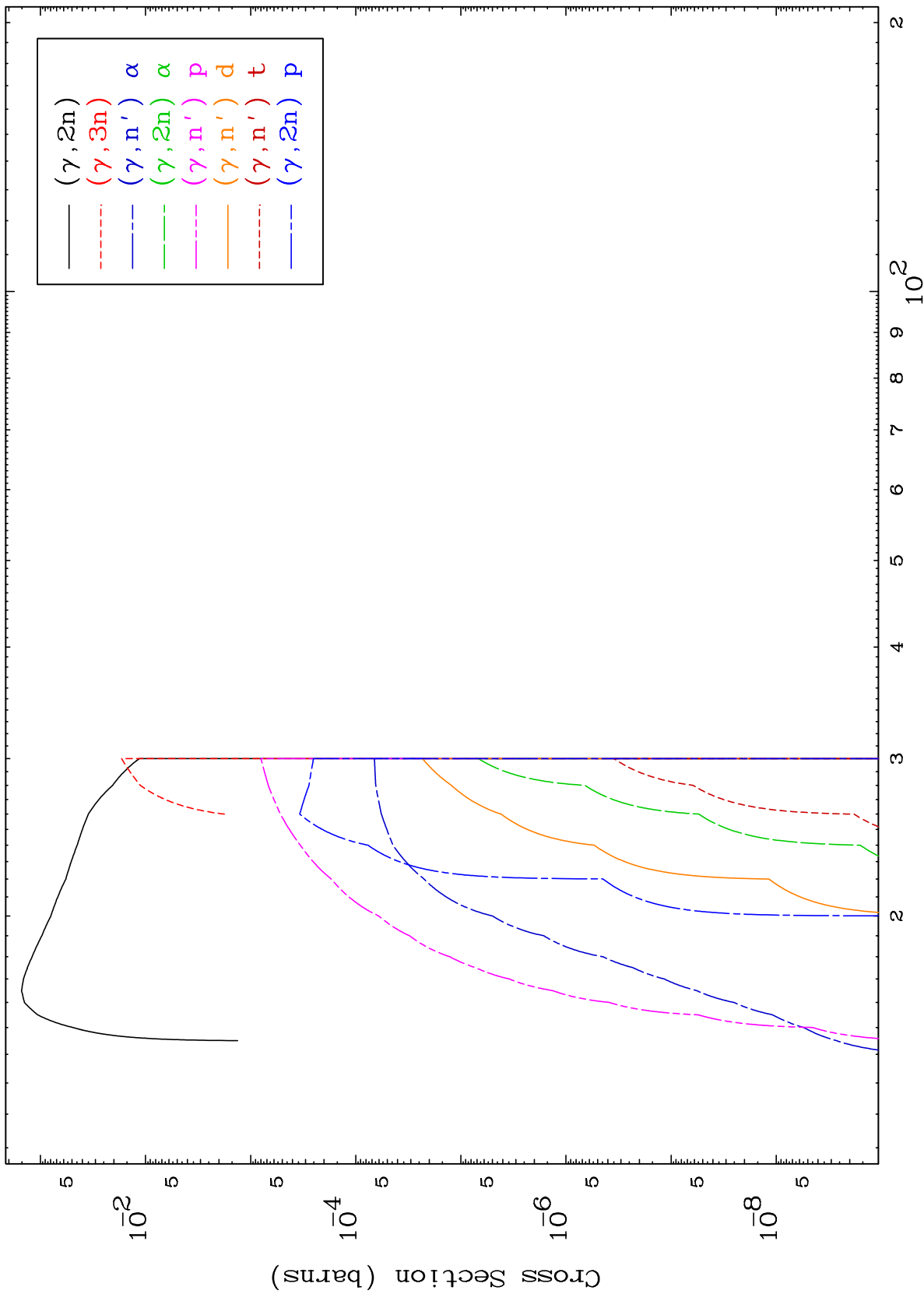
Press Mouse Button to Start

MAT 6143

Photon Major  
0 Kelvin Cross Sections

61-Pm-145

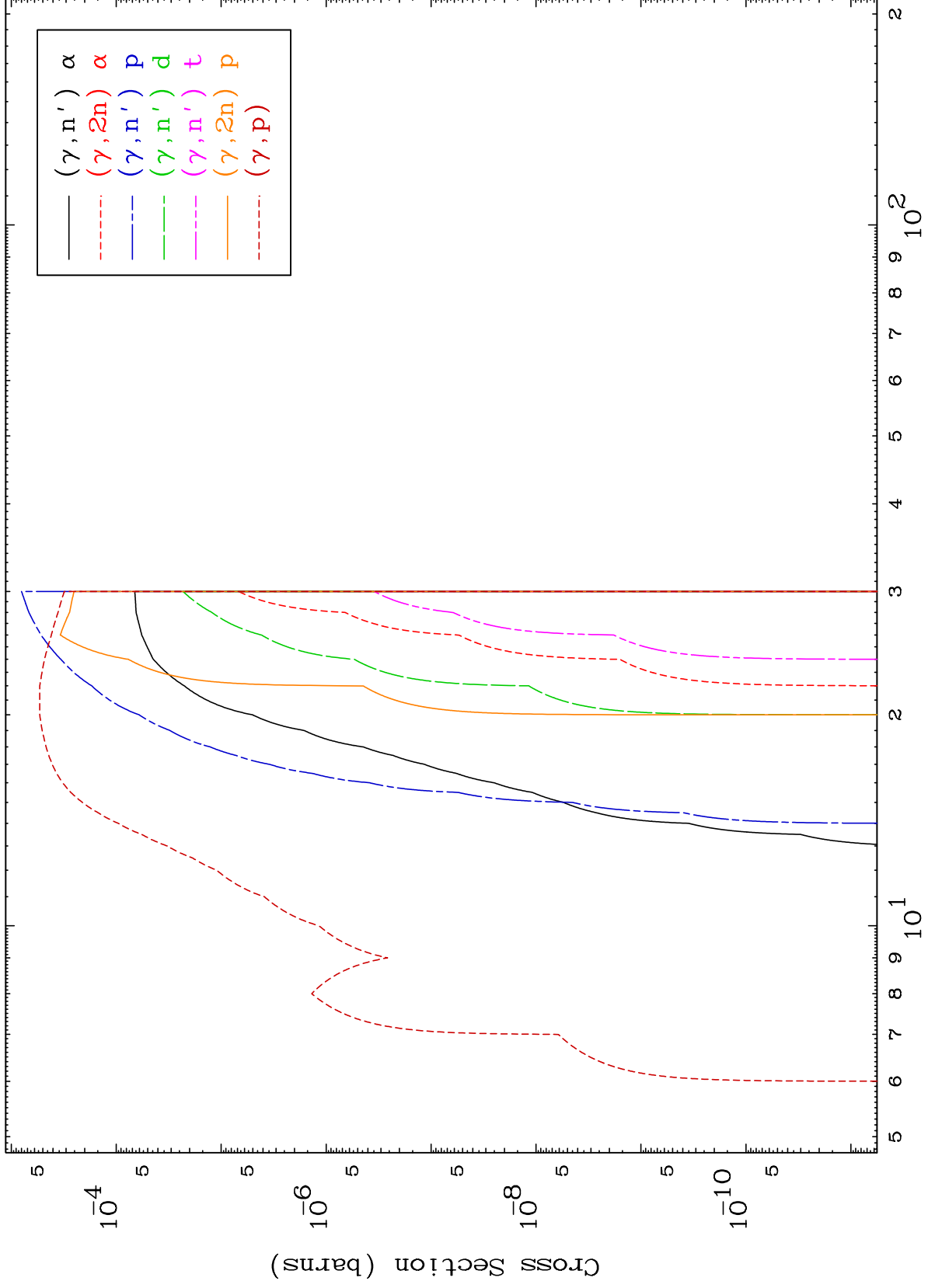




MAT 6143

Photon Charged Particle  
0 Kelvin Cross Sections

61-Pm-145



3

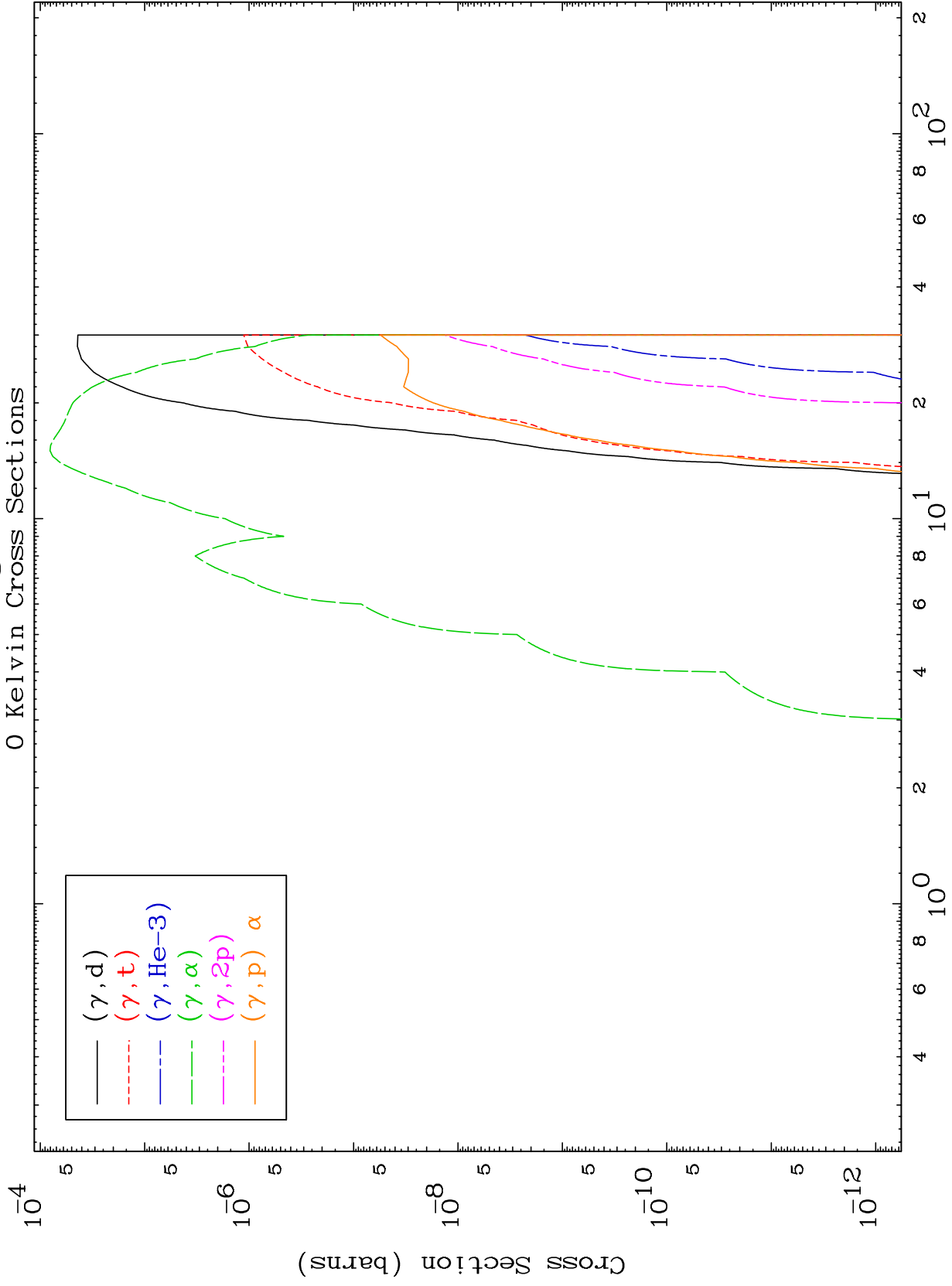
Incident Energy (MeV)

61-Pm-145

MAT 6143

Photon Charged Particle  
0 Kelvin Cross Sections

61-Pm-145

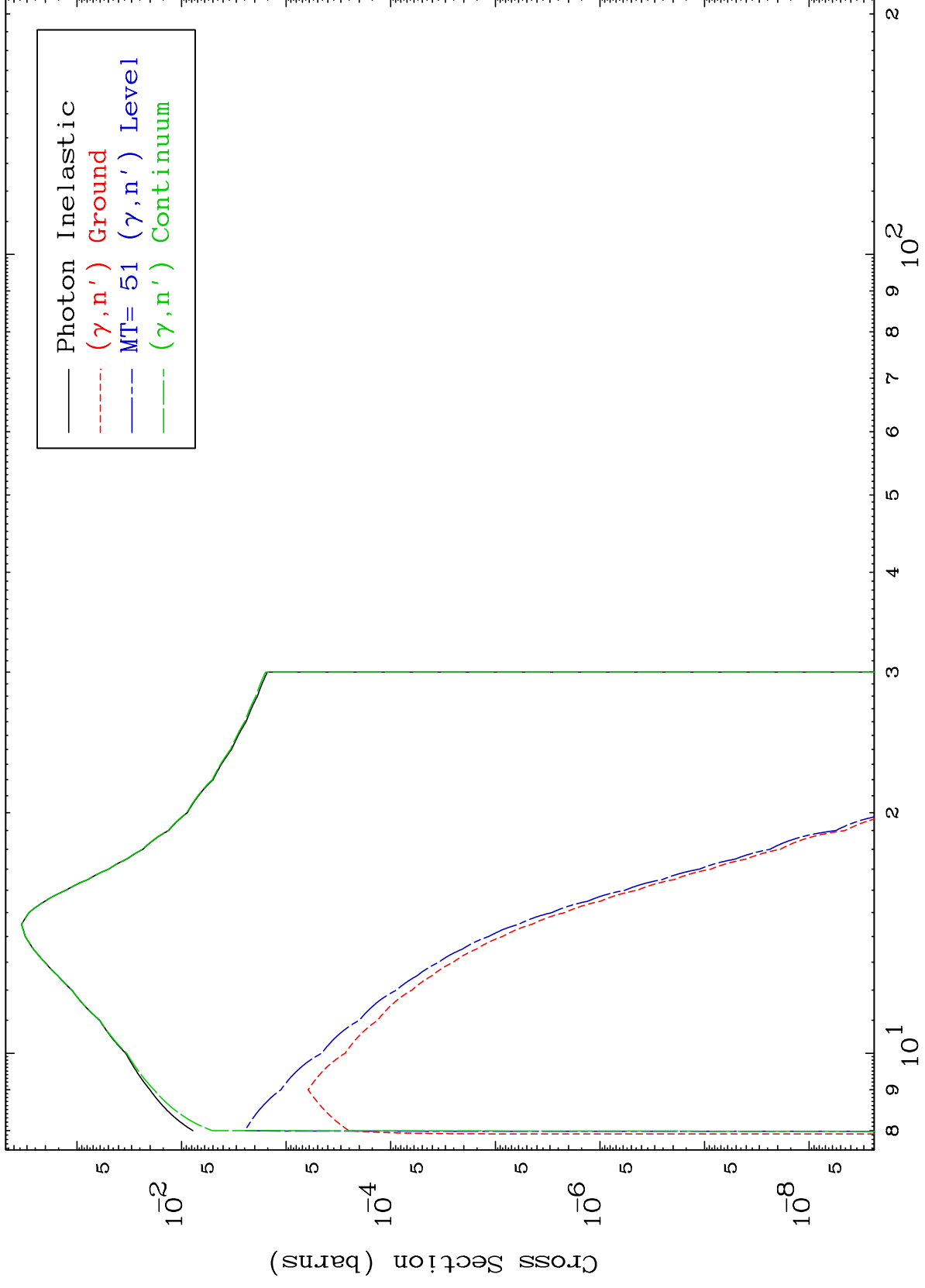


MAT 6143

$(\gamma, n')$  Level

61-Pm-145

0 Kelvin Cross Sections



5

Incident Energy (MeV)

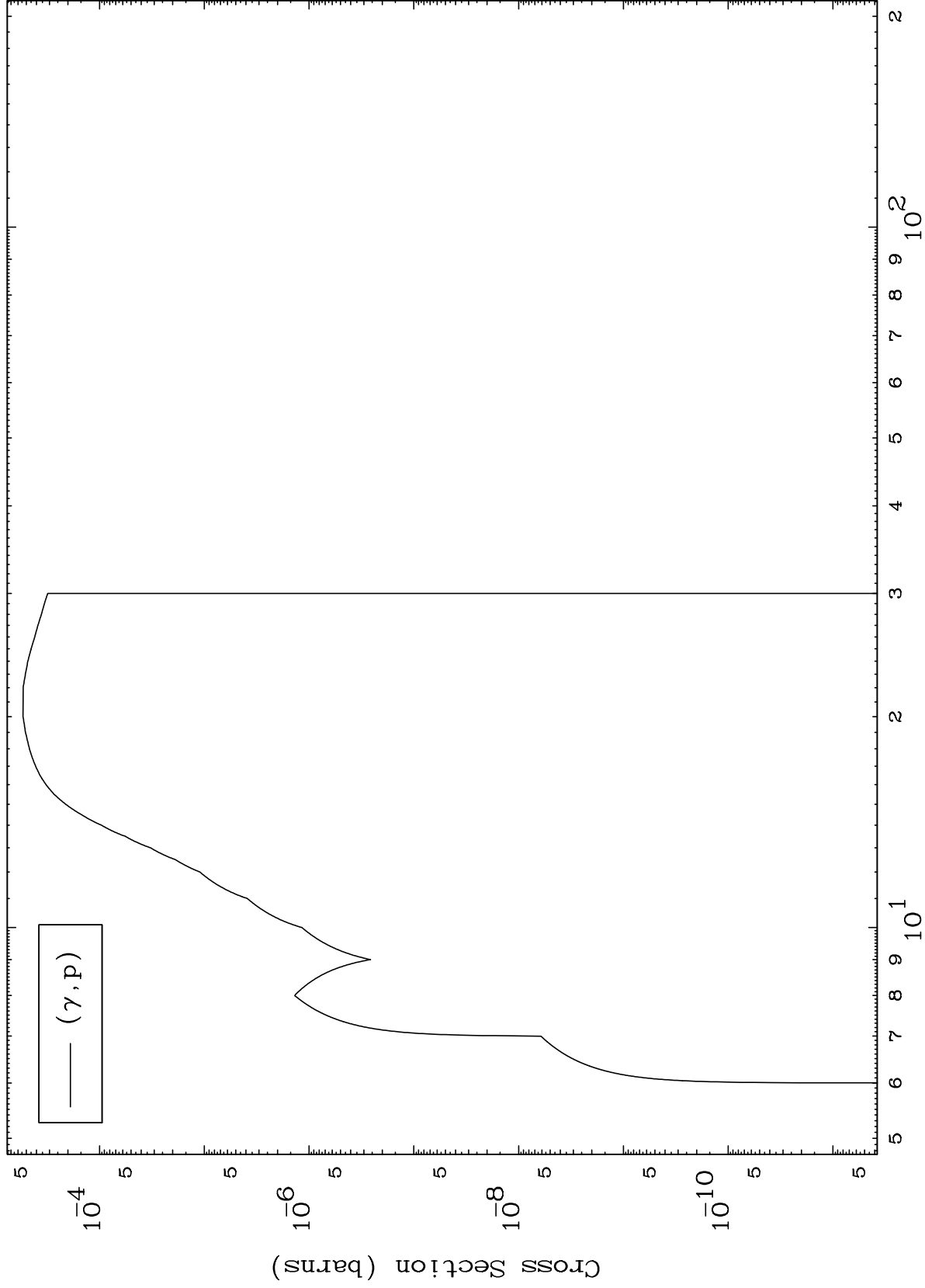
61-Pm-145

MAT 6143

( $\gamma, p$ ) Levels

61-Pm-145

0 Kelvin Cross Sections



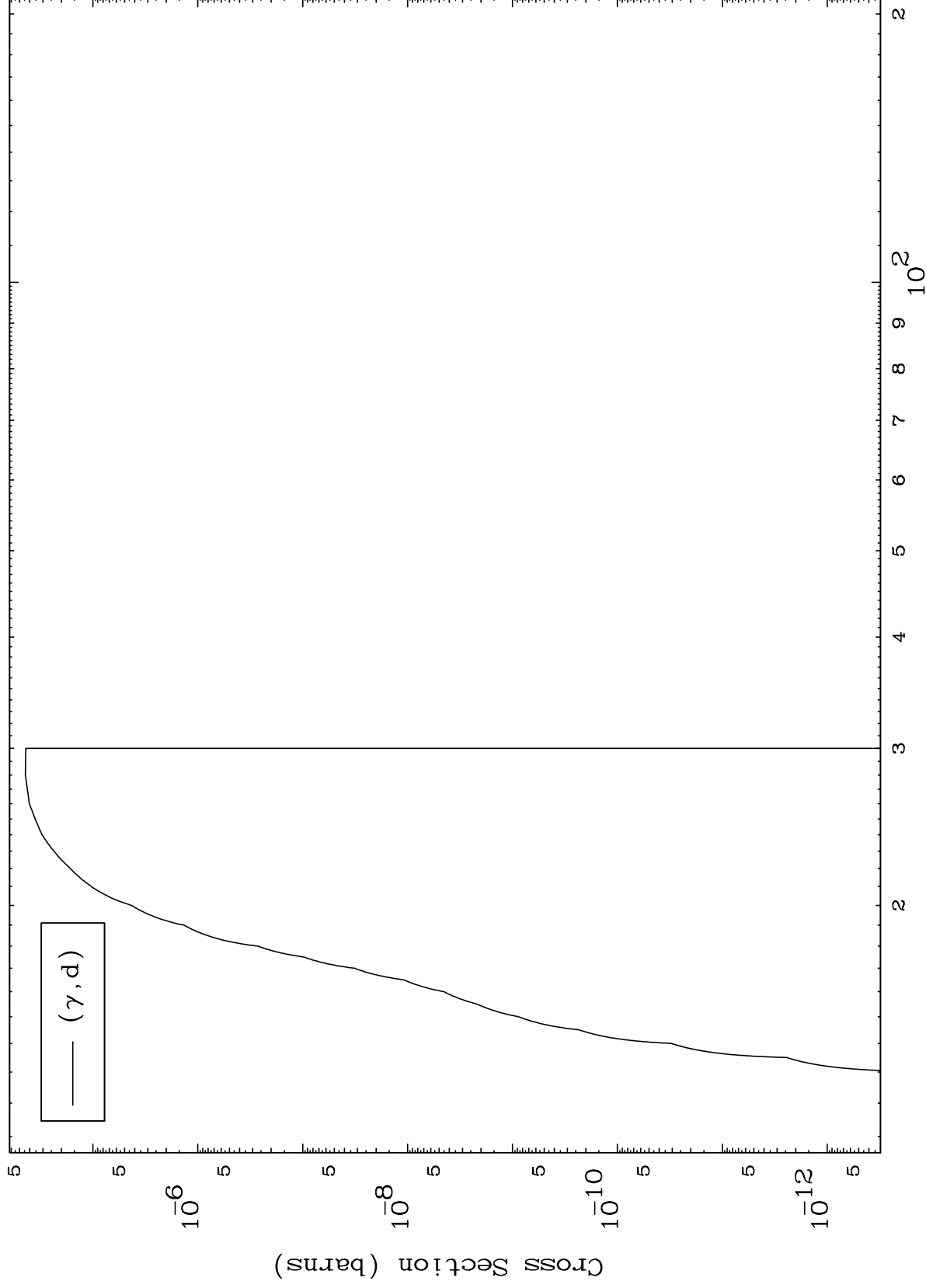
61-Pm-145

6

MAT 6143

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

61-Pm-145

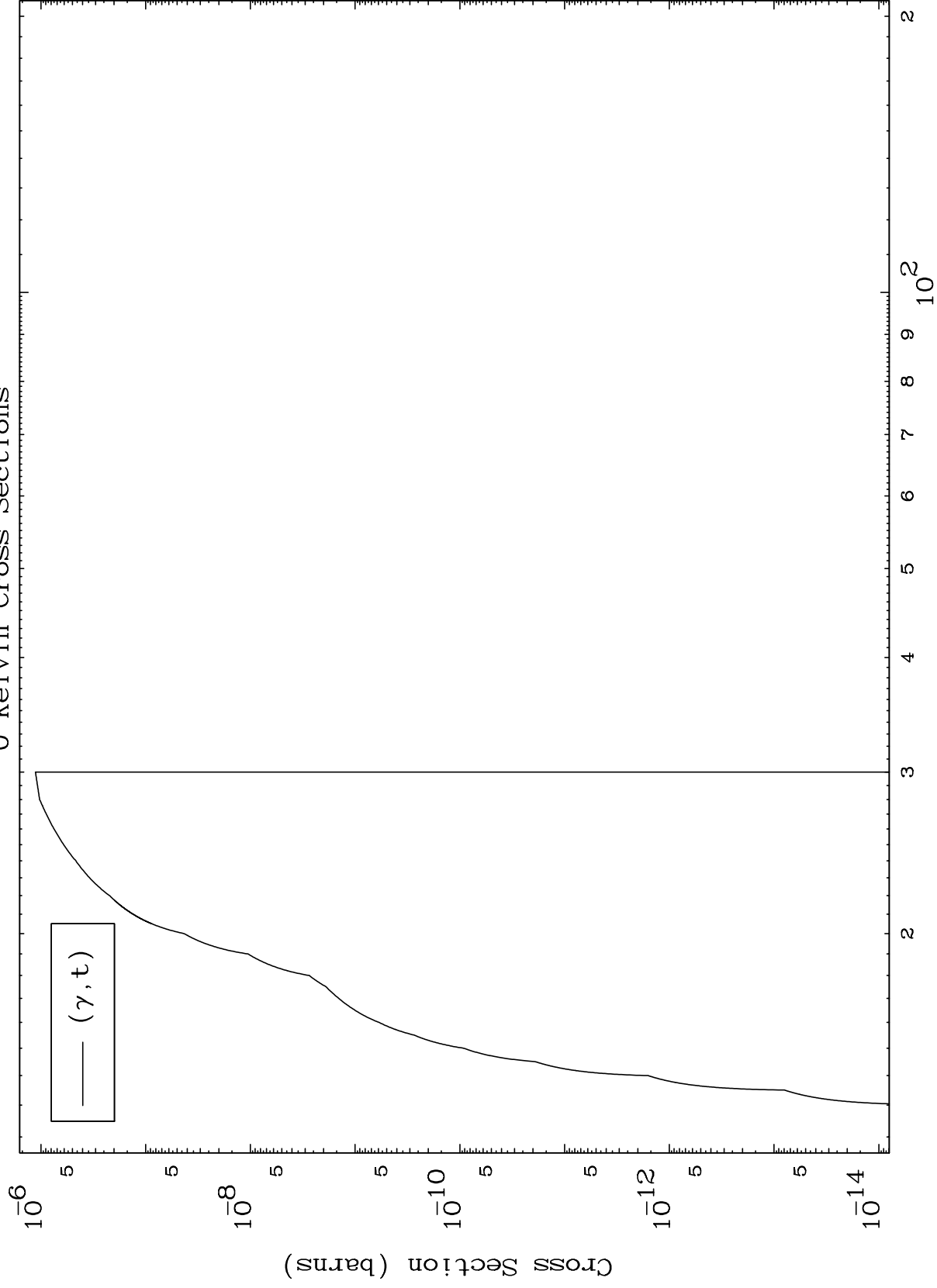


7

Incident Energy (MeV)

61-Pm-145

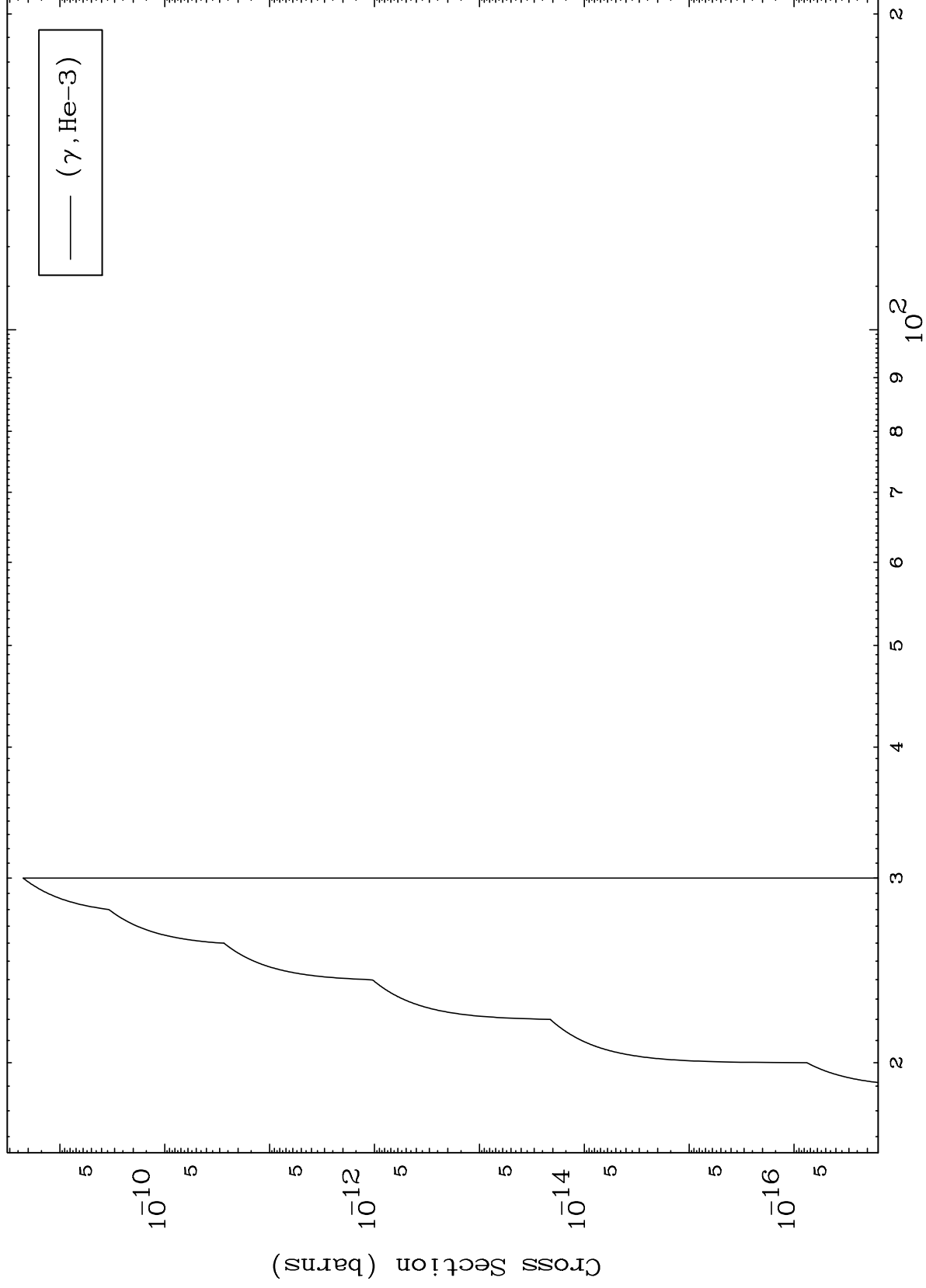




MAT 6143

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

61-Pm-145



9

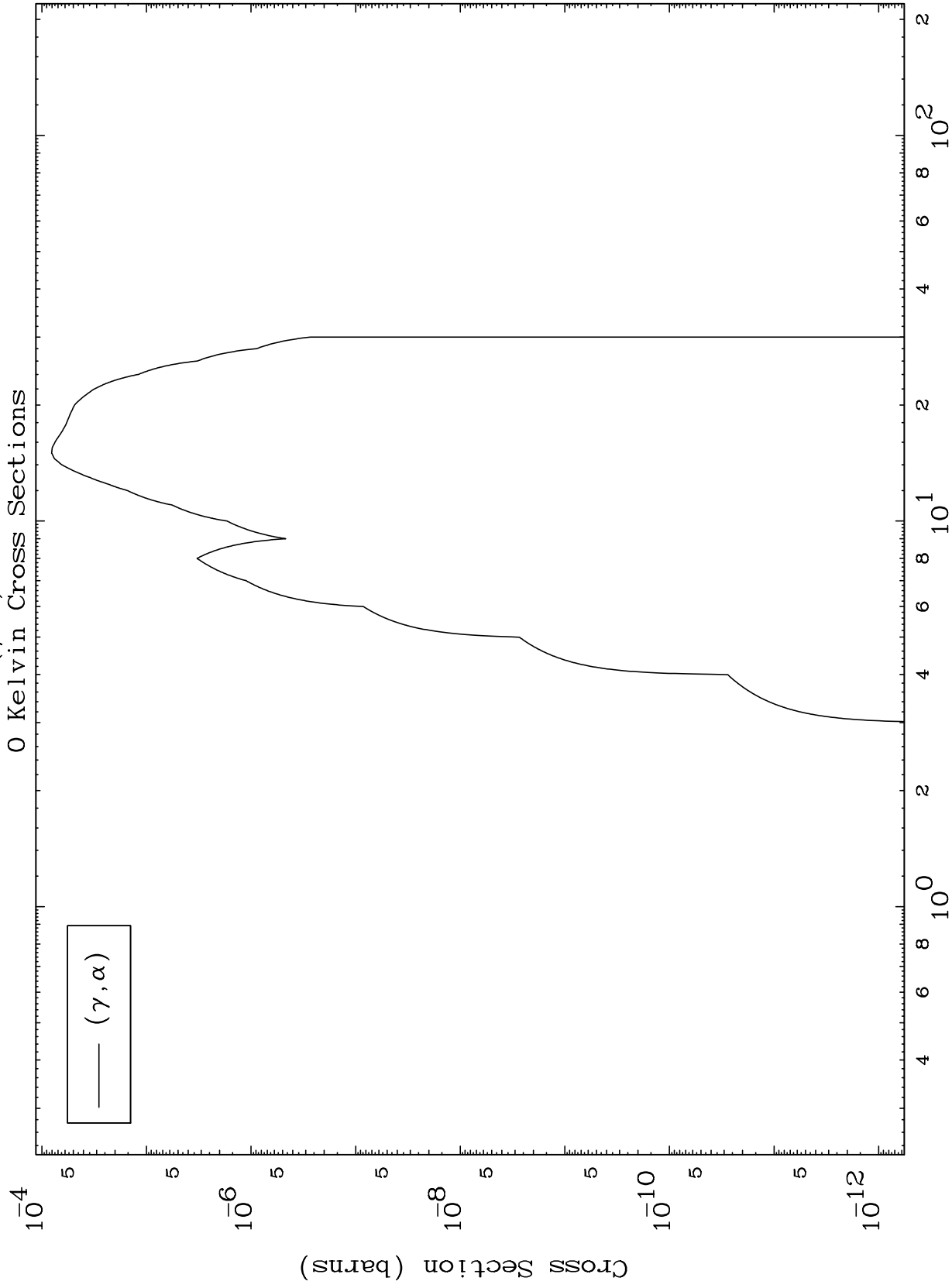
Incident Energy (MeV)

61-Pm-145

MAT 6143

( $\gamma, \alpha$ ) Levels

61-Pm-145



10

Incident Energy (MeV)

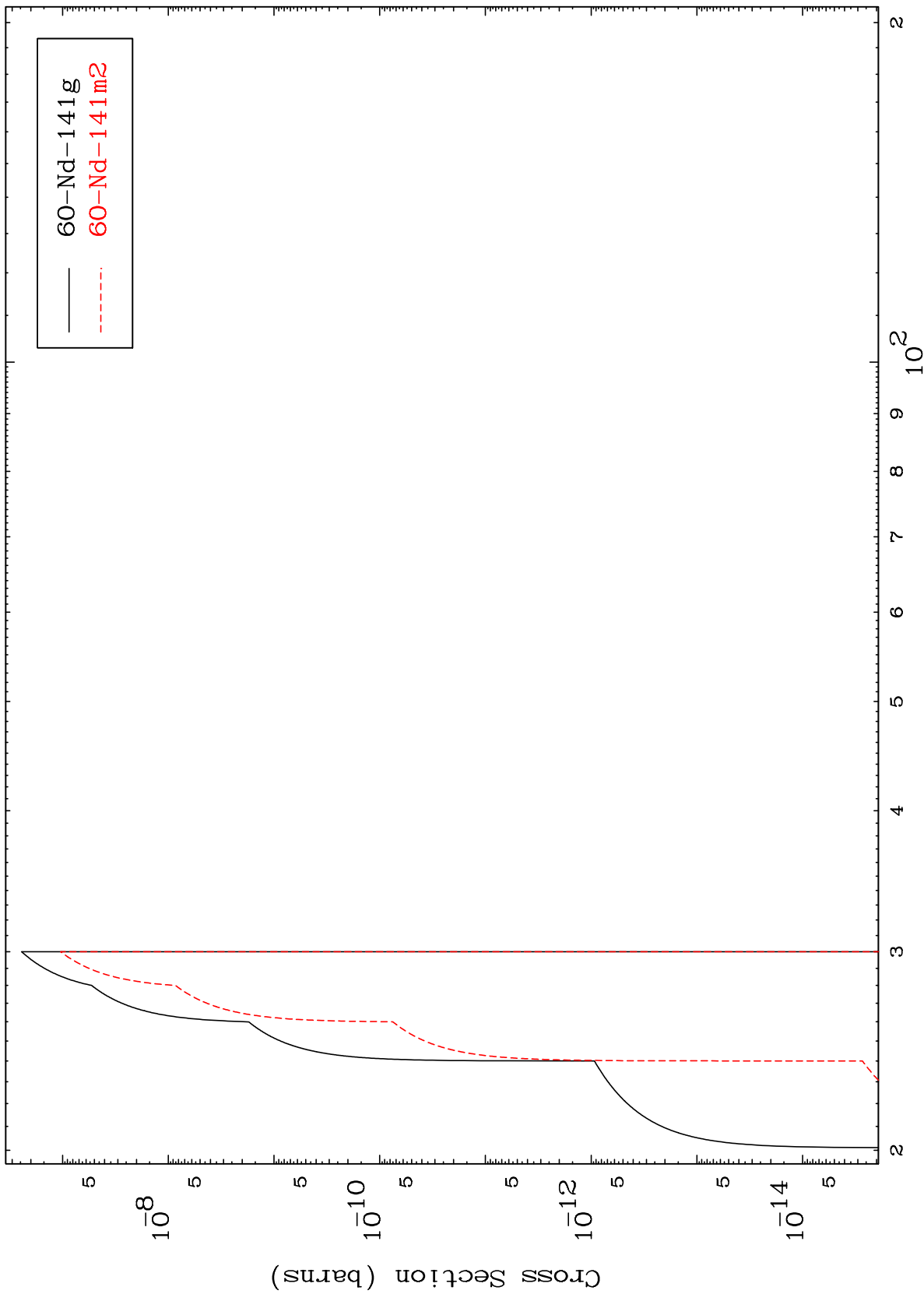
61-Pm-145

MAT 6143

( $\gamma, n'$ ) t

61-Pm-145

Radionuclide Production Cross Section



11

Incident Energy (MeV)

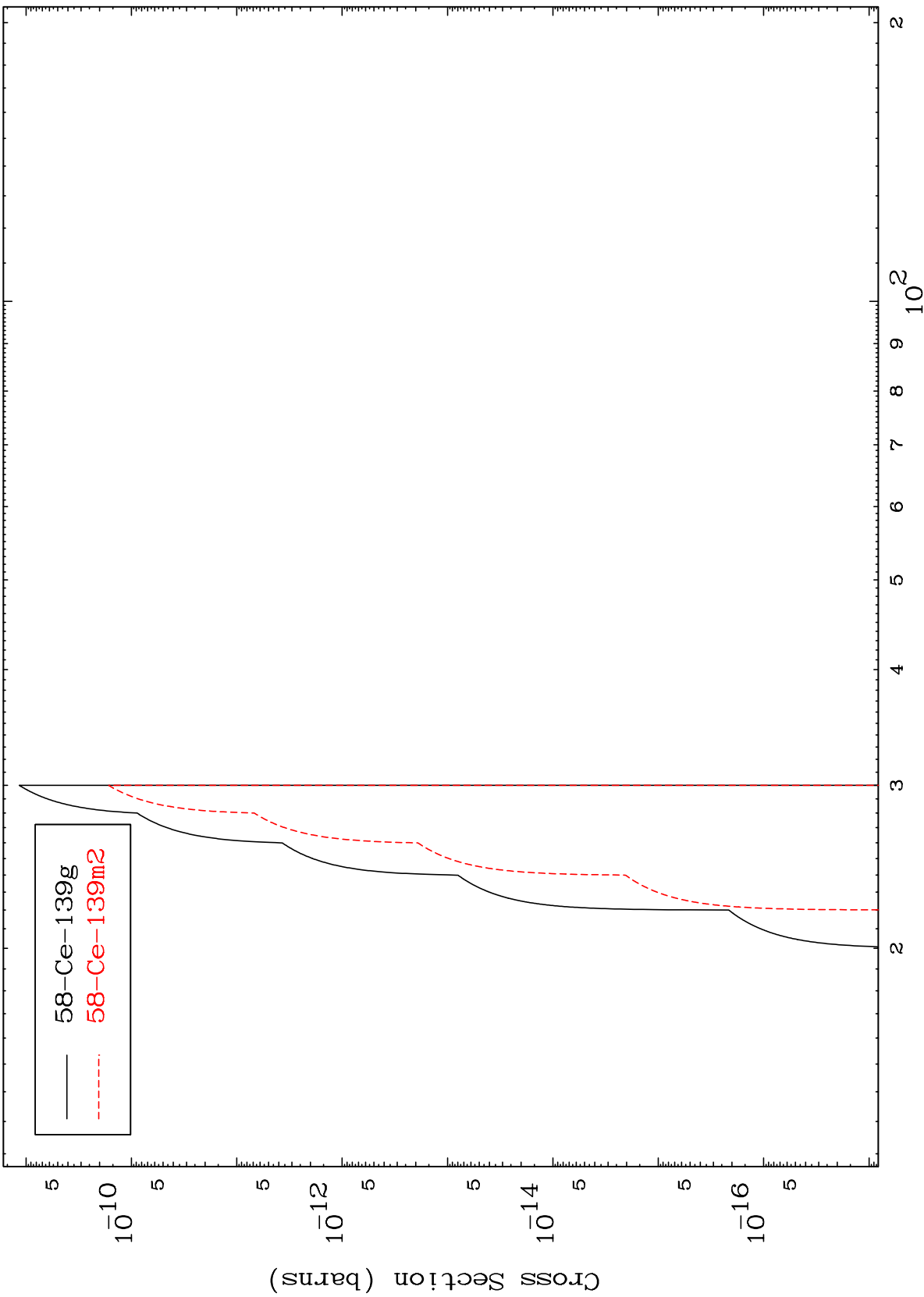
61-Pm-145

MAT 6143

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

61-Pm-145

Radionuclide Production Cross Section



12

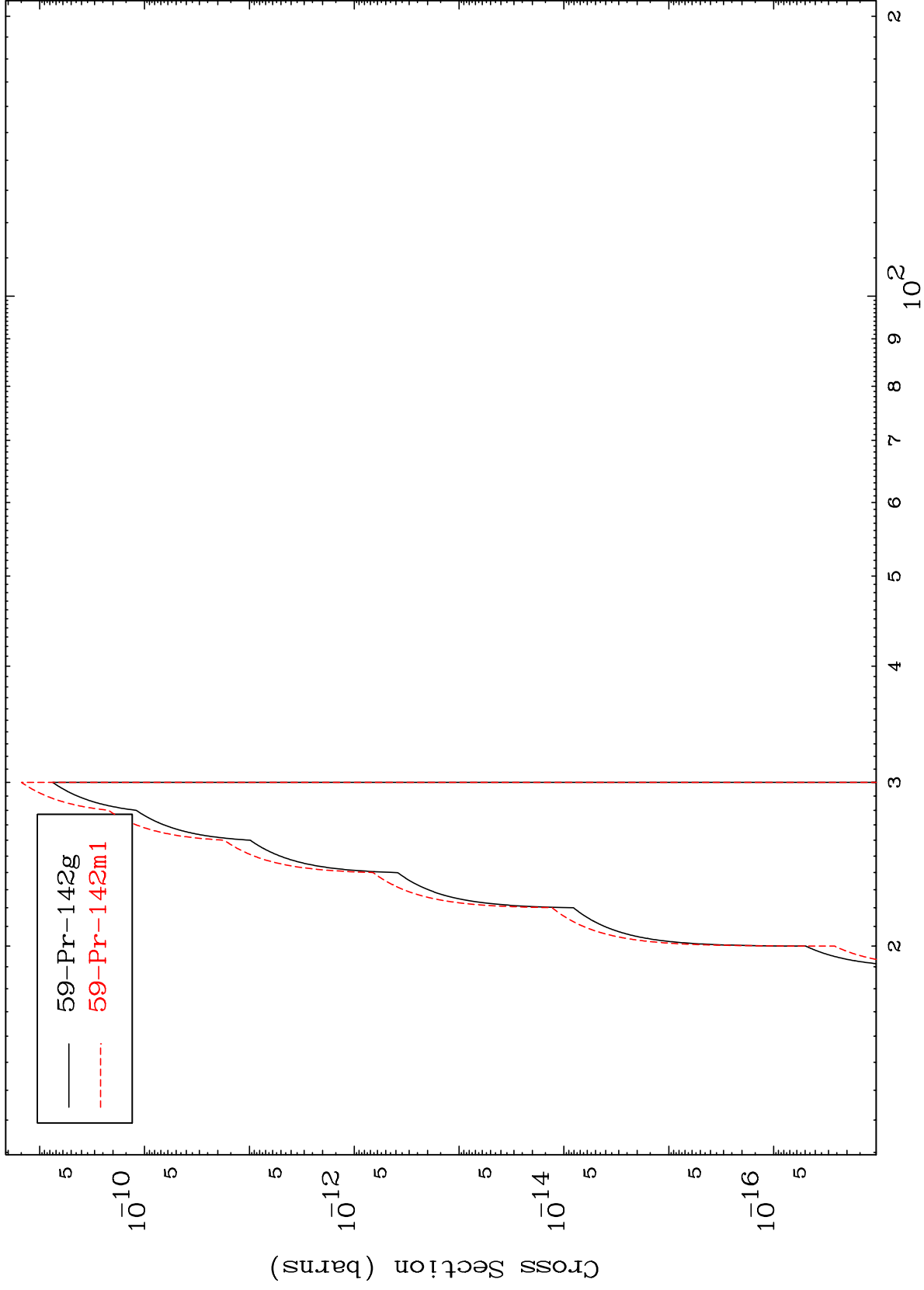
Incident Energy (MeV)

61-Pm-145

MAT 6143

61-Pm-145

( $\gamma, \text{He-3}$ )  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

61-Pm-145