

Program EVALPLOT  
(Version 2018-1)

by

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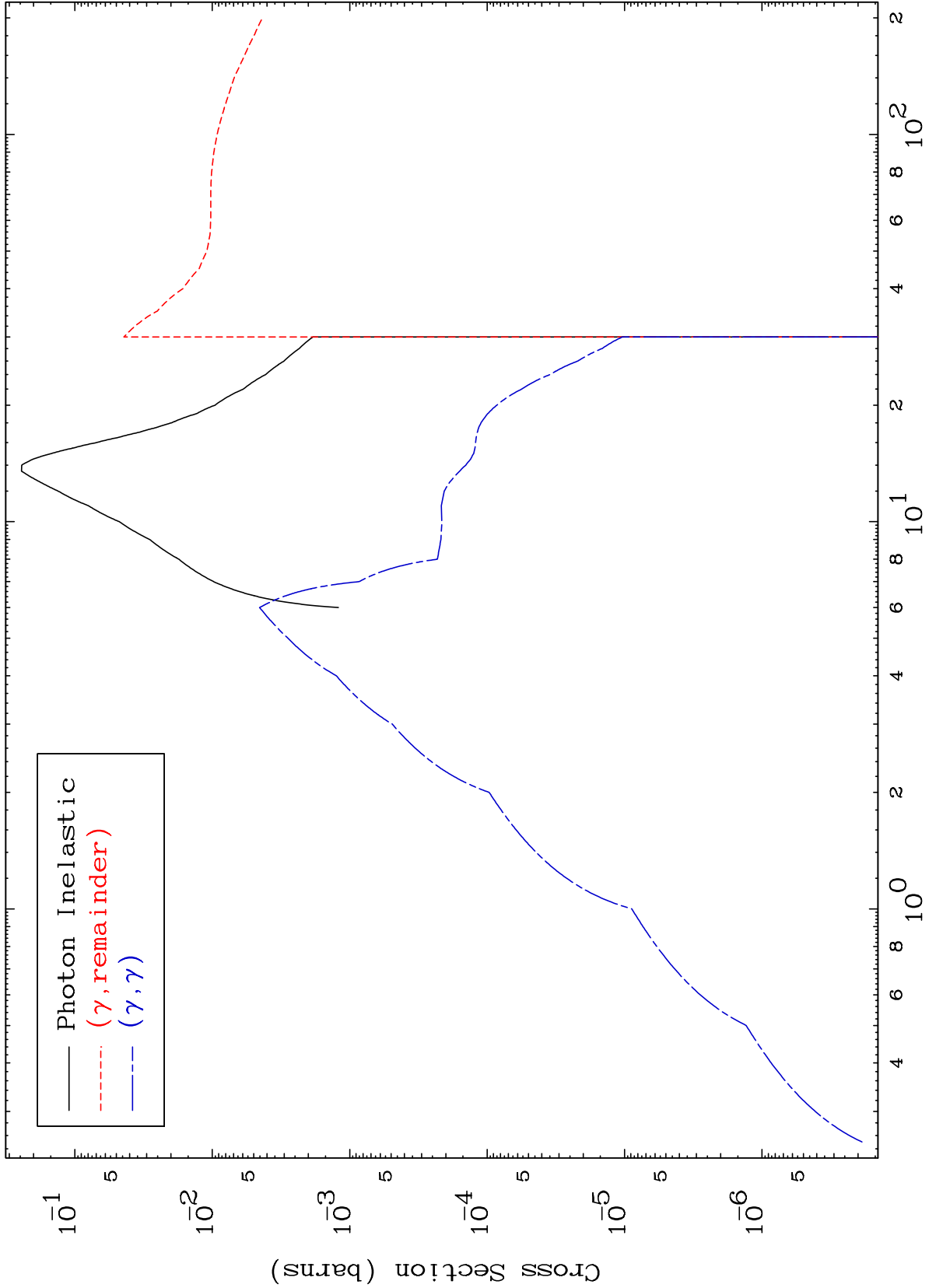
Press Mouse Button to Start

MAT 6034

Photon Major

60-Nd-145

0 Kelvin Cross Sections

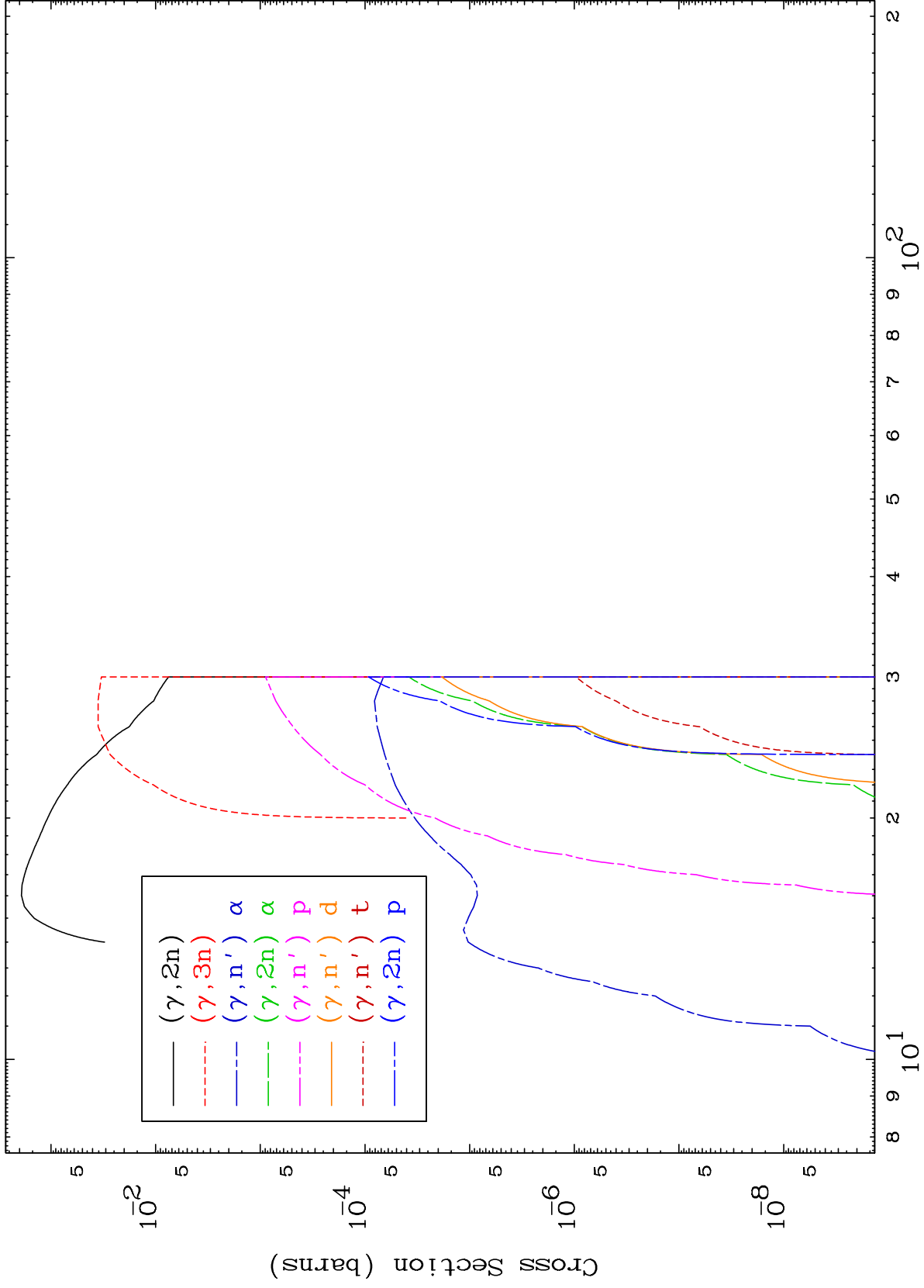


— Photon Inelastic  
- - -  $(\gamma, \text{remainder})$   
- . -  $(\gamma, \gamma)$

MAT 6034

Photon Neutron Production  
0 Kelvin Cross Sections

60-Nd-145



60-Nd-145

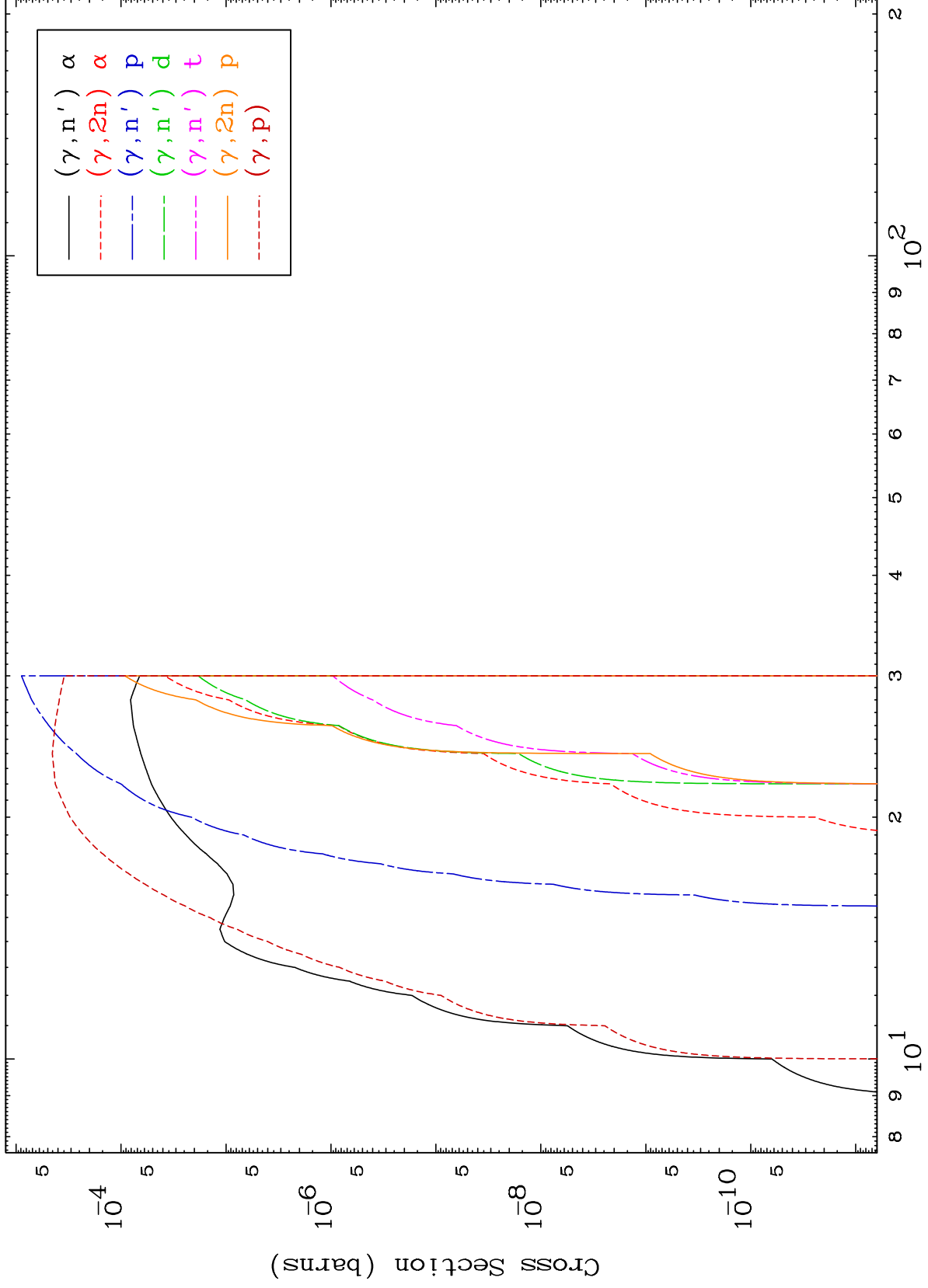
Incident Energy (MeV)

2

MAT 6034

Photon Charged Particle  
0 Kelvin Cross Sections

60-Nd-145



60-Nd-145

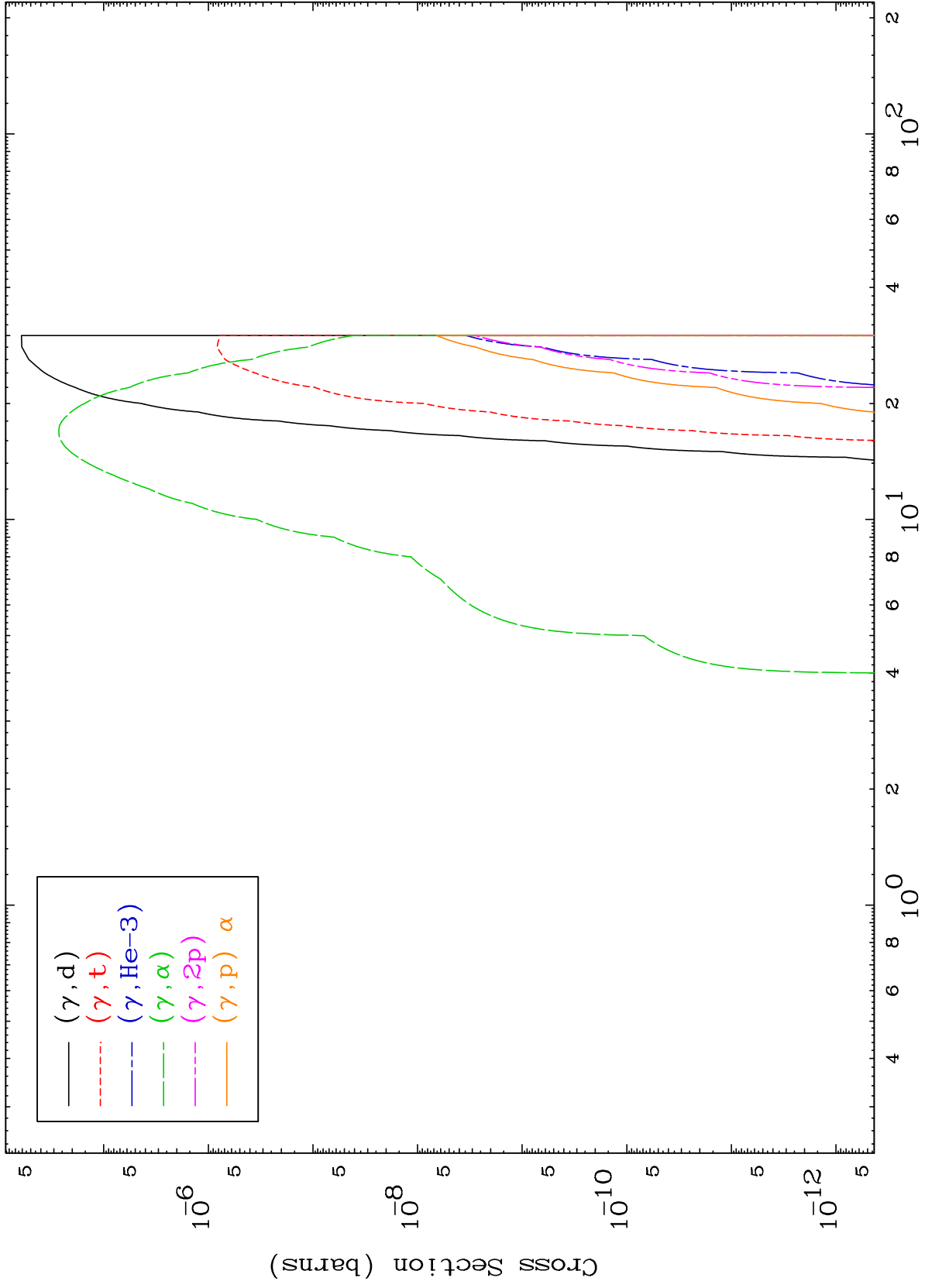
Incident Energy (MeV)

3

MAT 6034

Photon Charged Particle  
0 Kelvin Cross Sections

60-Nd-145

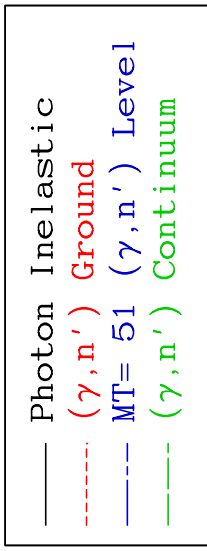
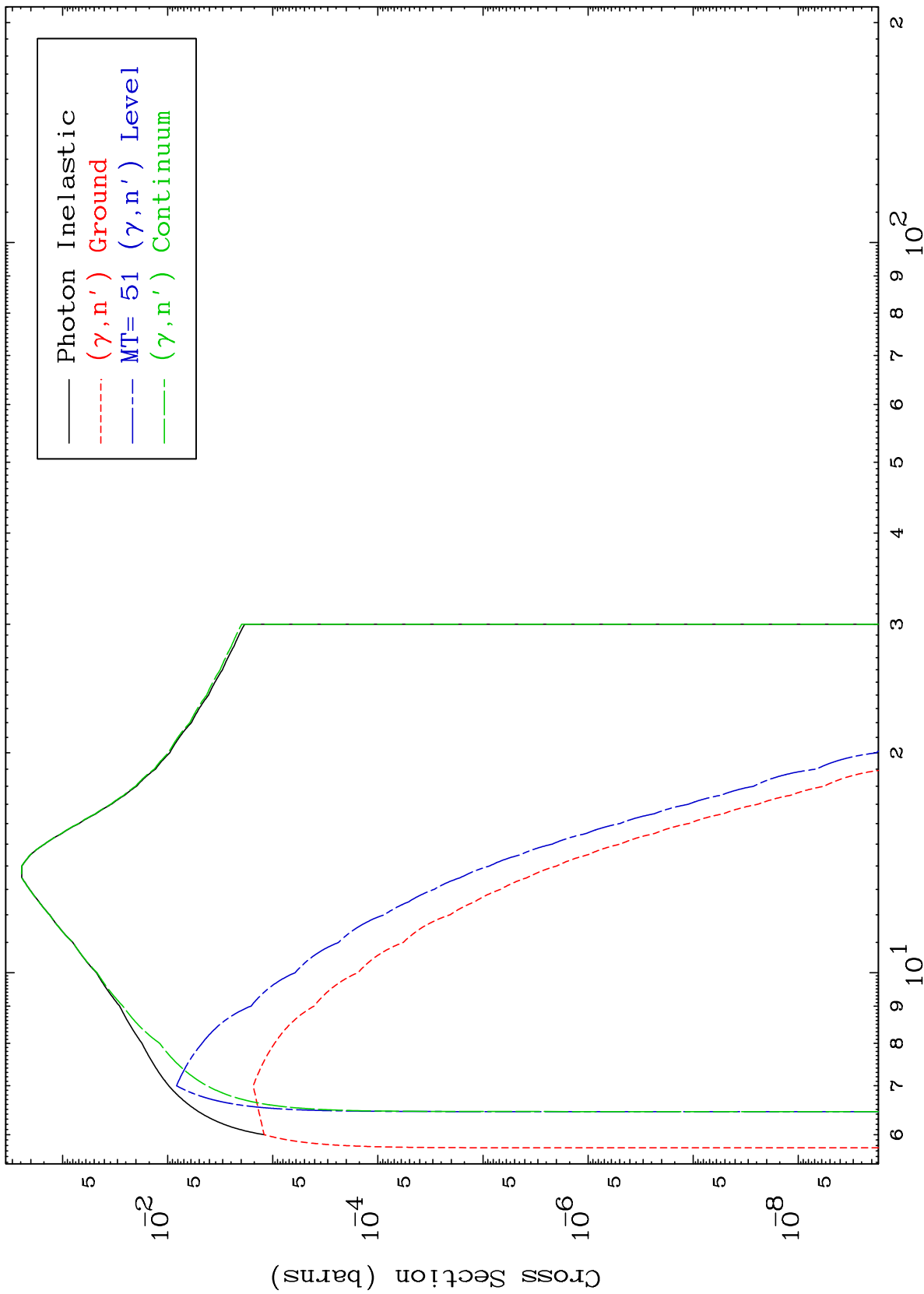


MAT 6034

( $\gamma, n'$ ) Level

60-Nd-145

0 Kelvin Cross Sections



5

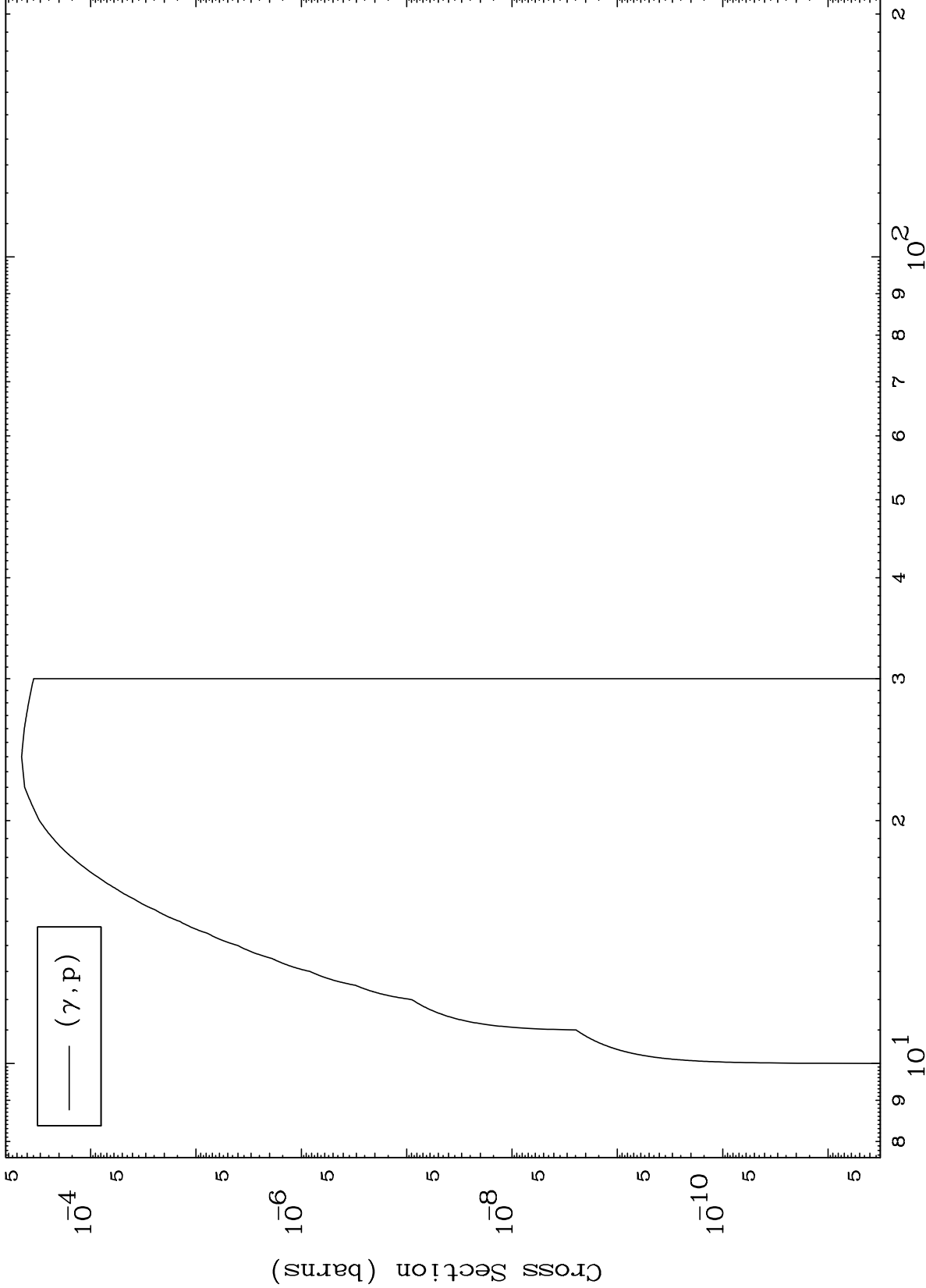
Incident Energy (MeV)

60-Nd-145

MAT 6034

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

60-Nd-145



( $\gamma, p$ )

Incident Energy (MeV)

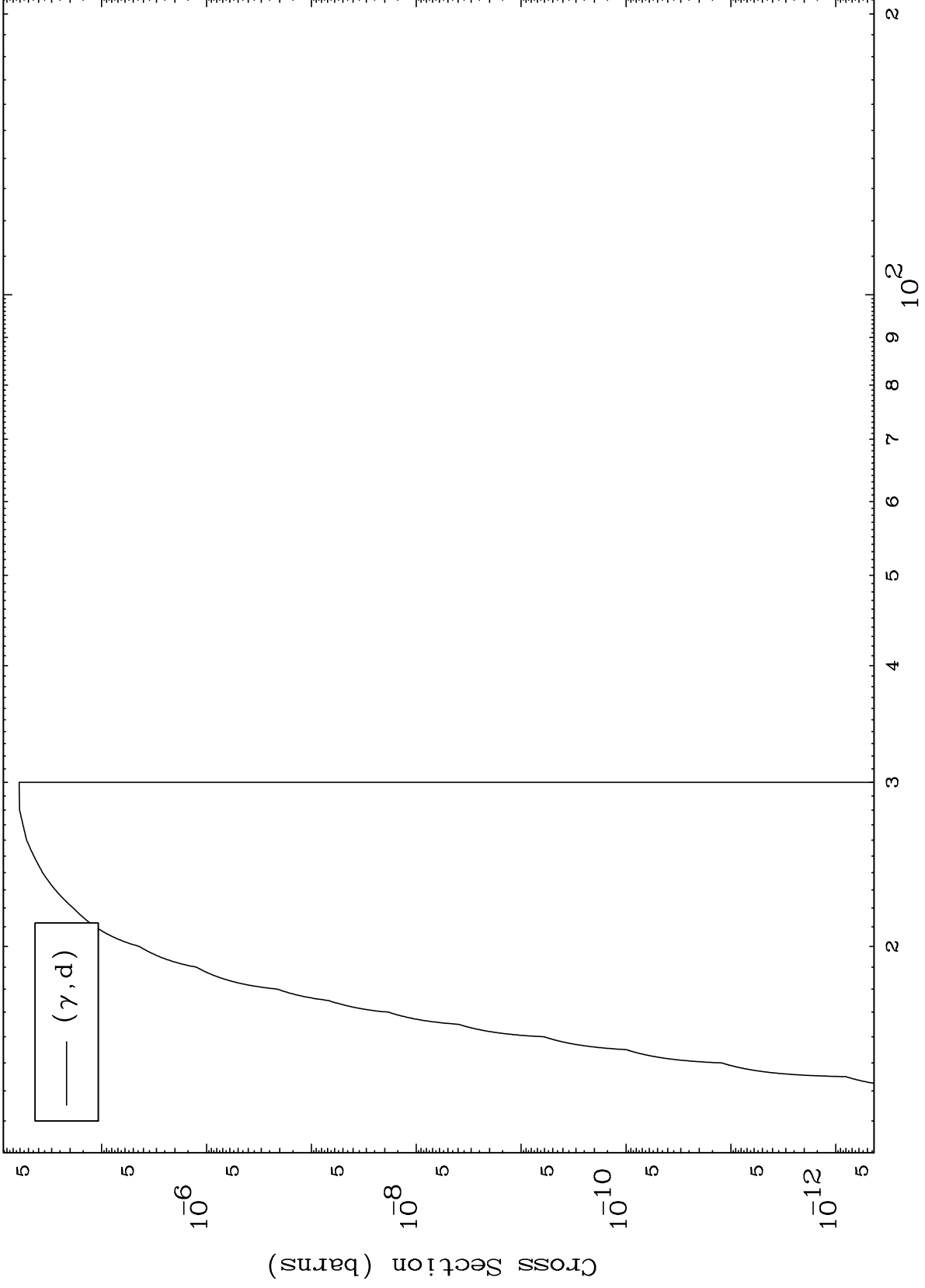
60-Nd-145

6

MAT 6034

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

60-Nd-145



7

Incident Energy (MeV)

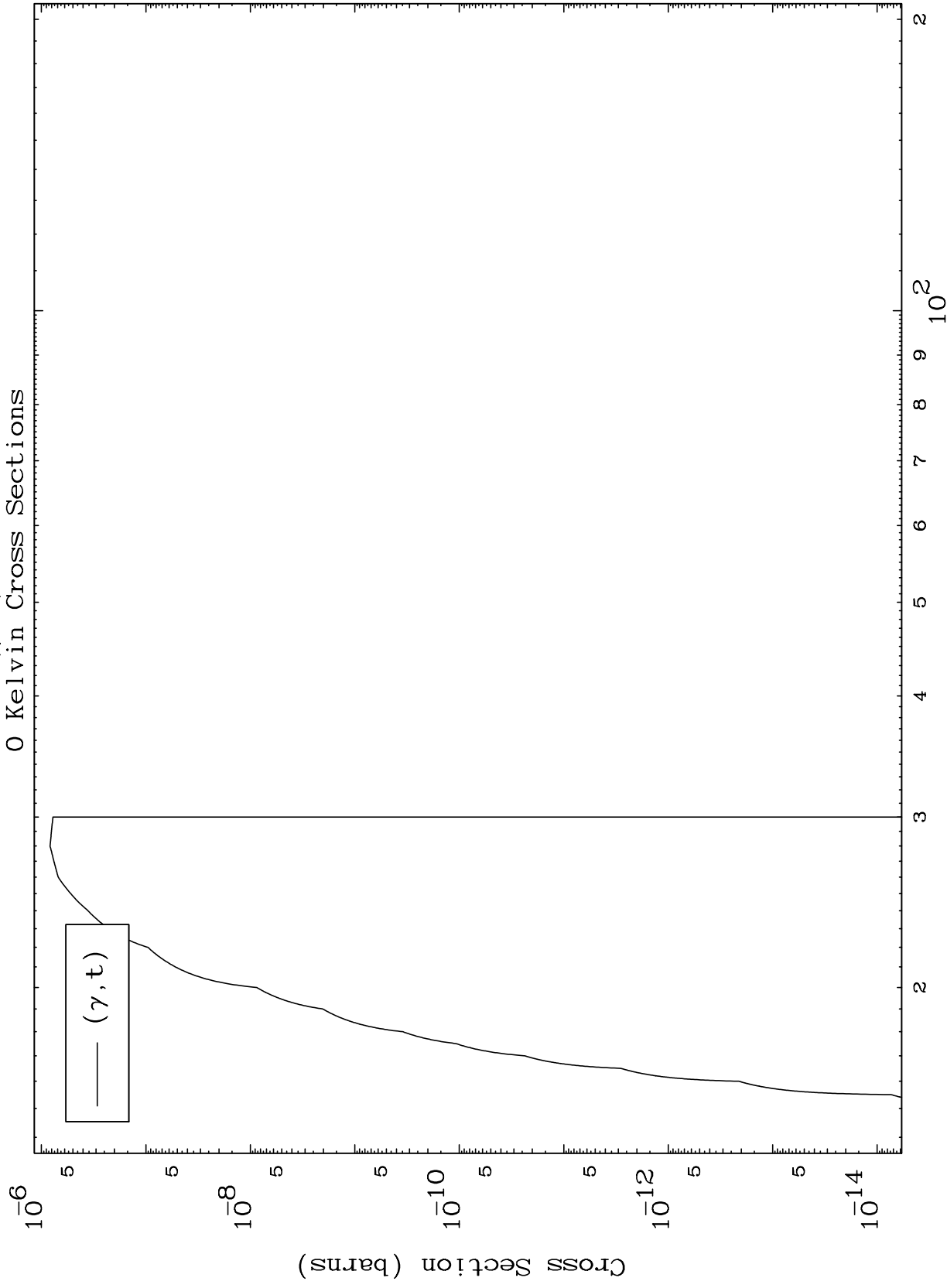
60-Nd-145



MAT 6034

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

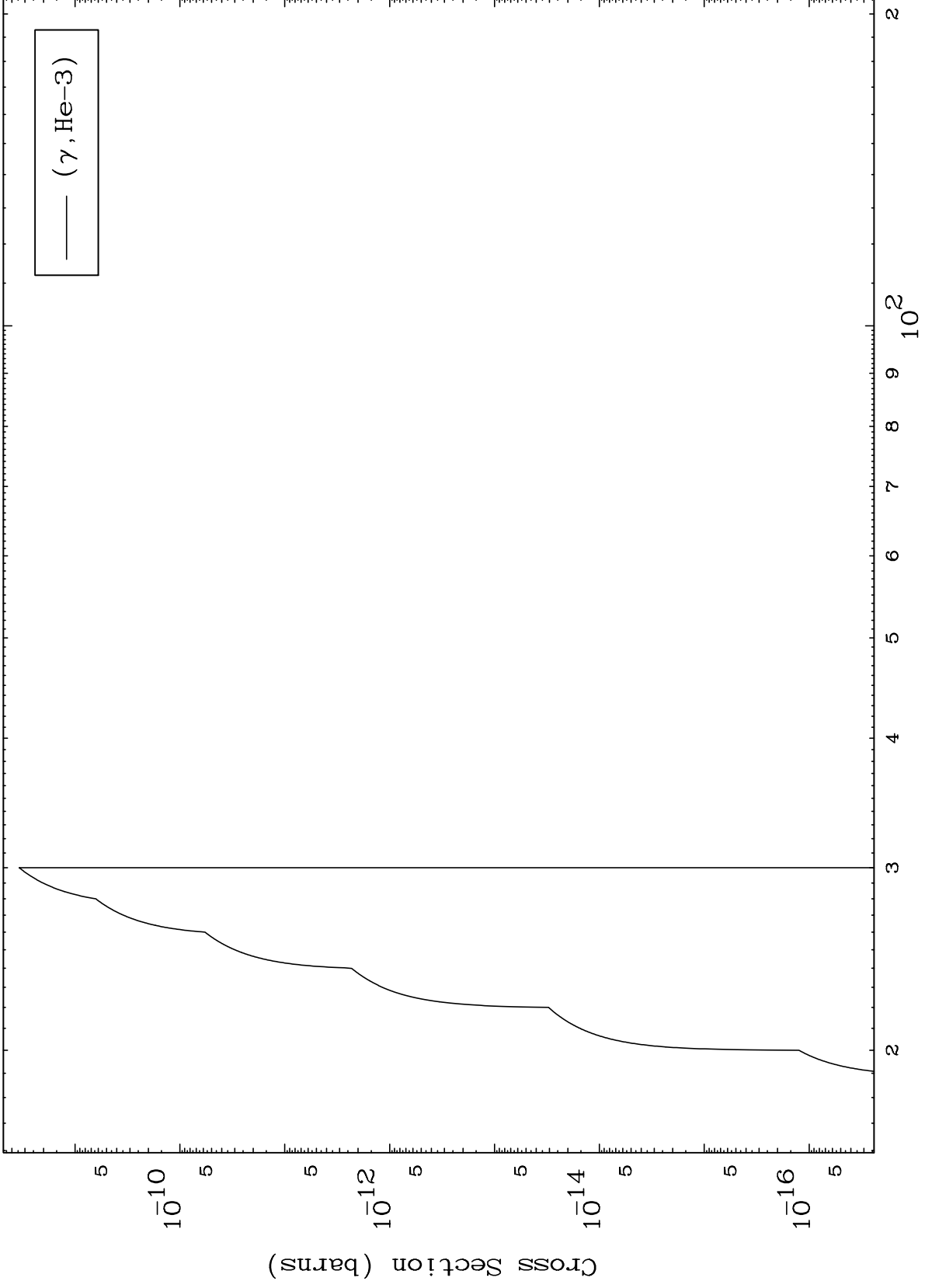
60-Nd-145



8

Incident Energy (MeV)

60-Nd-145

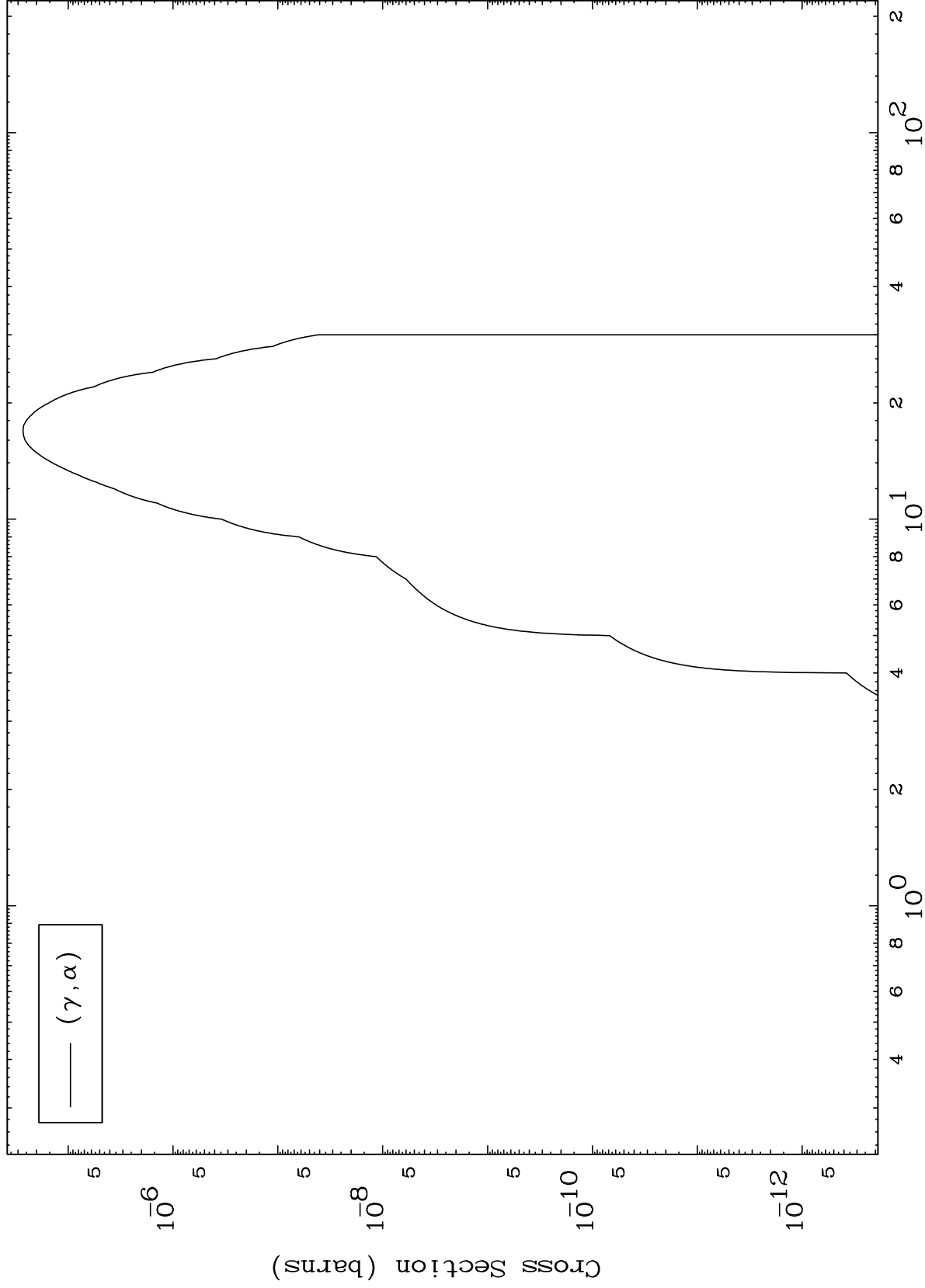


MAT 6034

( $\gamma, \alpha$ ) Levels

60-Nd-145

0 Kelvin Cross Sections



10

Incident Energy (MeV)

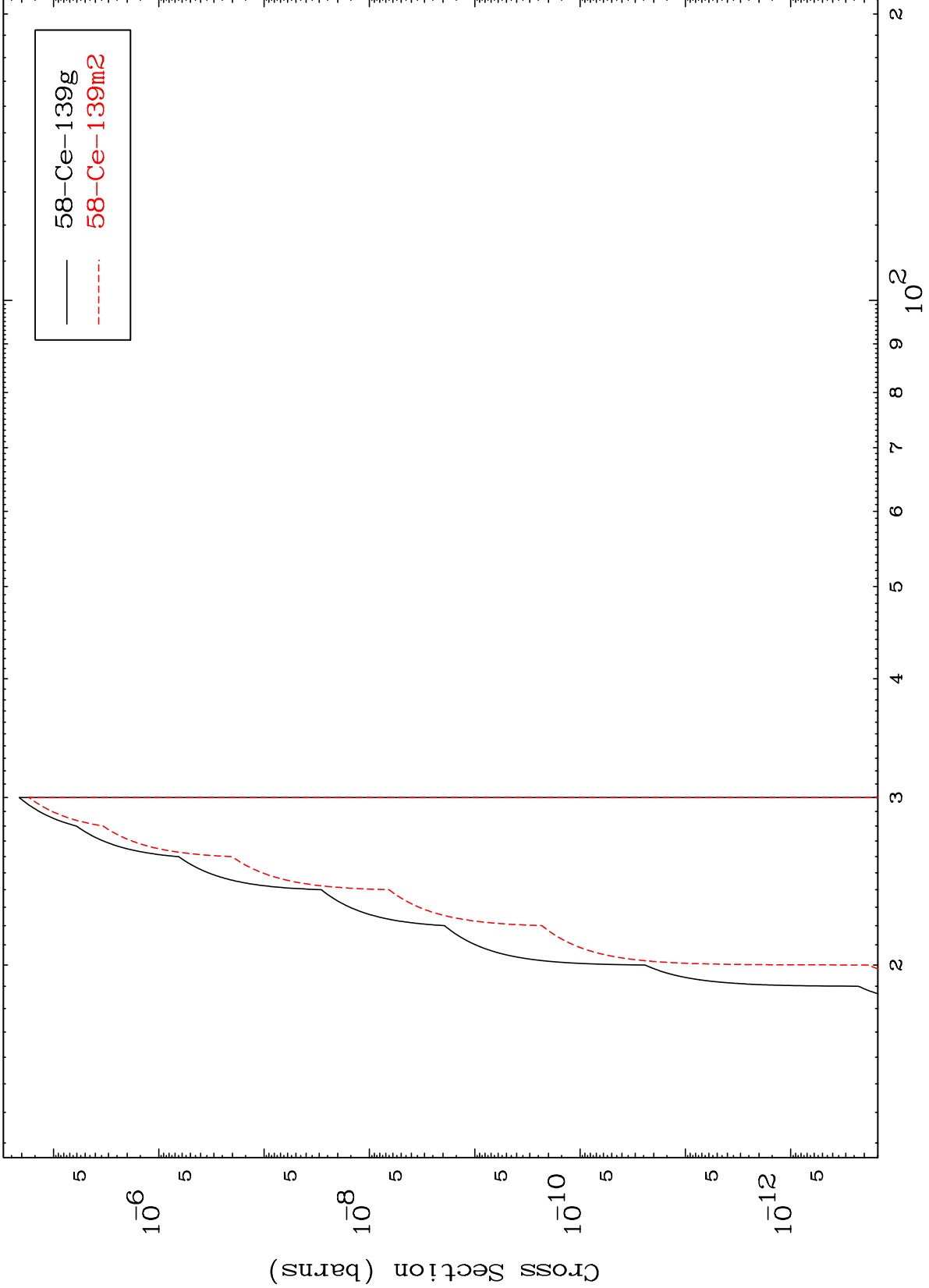
60-Nd-145

MAT 6034

$(\gamma, 2n) \alpha$

60-Nd-145

Radionuclide Production Cross Section



11

Incident Energy (MeV)

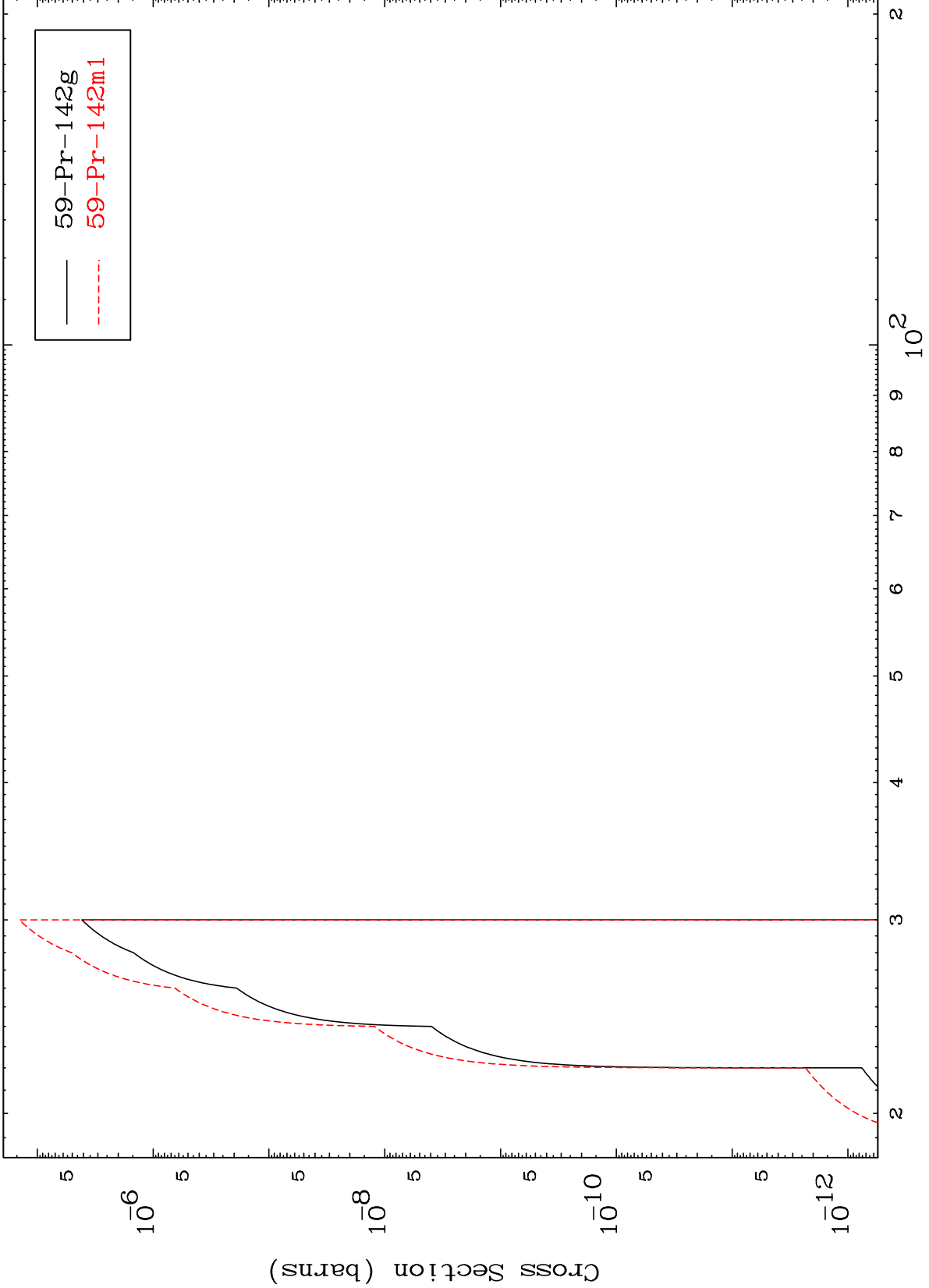
60-Nd-145

MAT 6034

( $\gamma, n'$ ) d

60-Nd-145

Radionuclide Production Cross Section



59-Pr-142g  
59-Pr-142m1

12

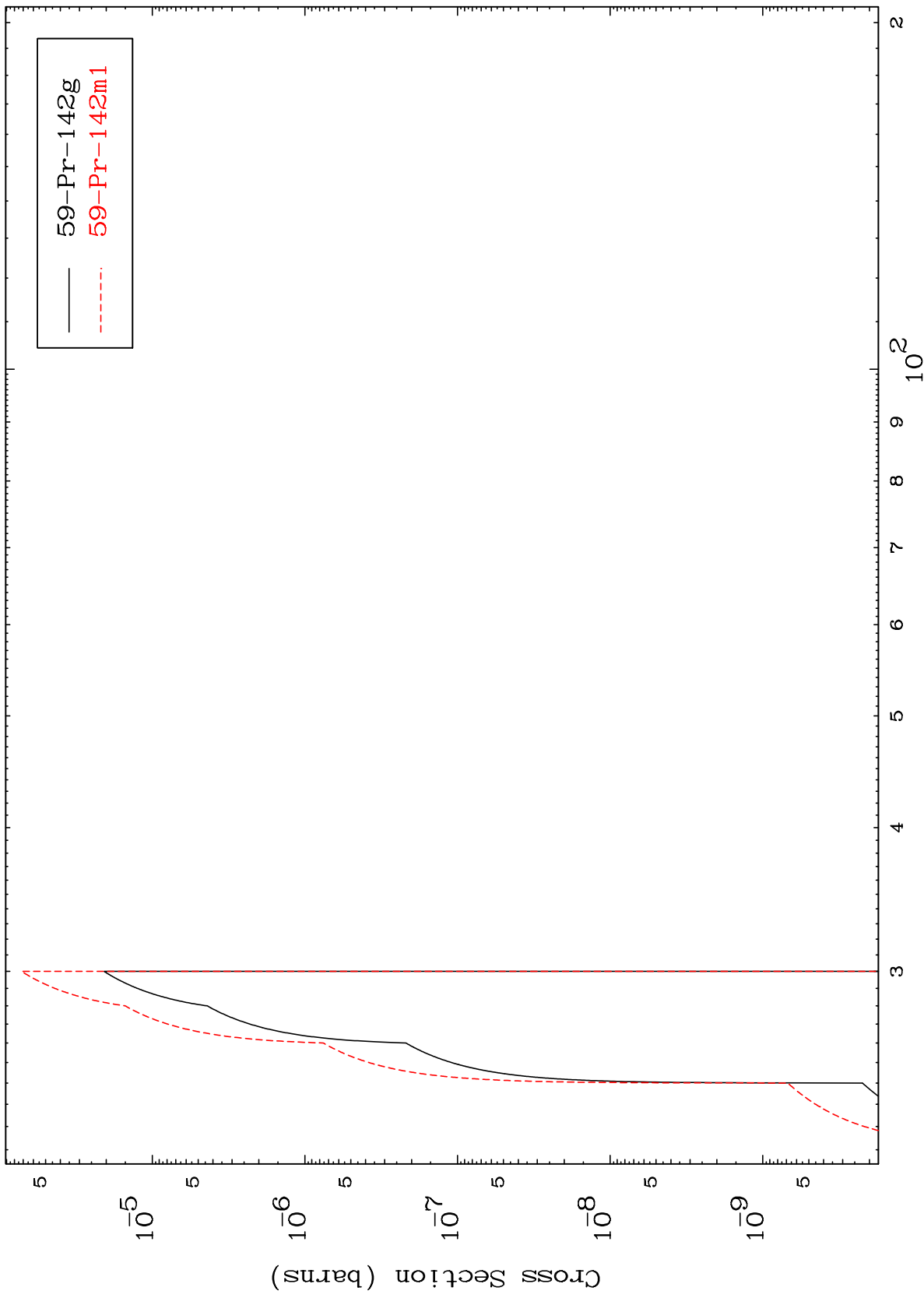
Incident Energy (MeV)

60-Nd-145

MAT 6034

60-Nd-145

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



60-Nd-145

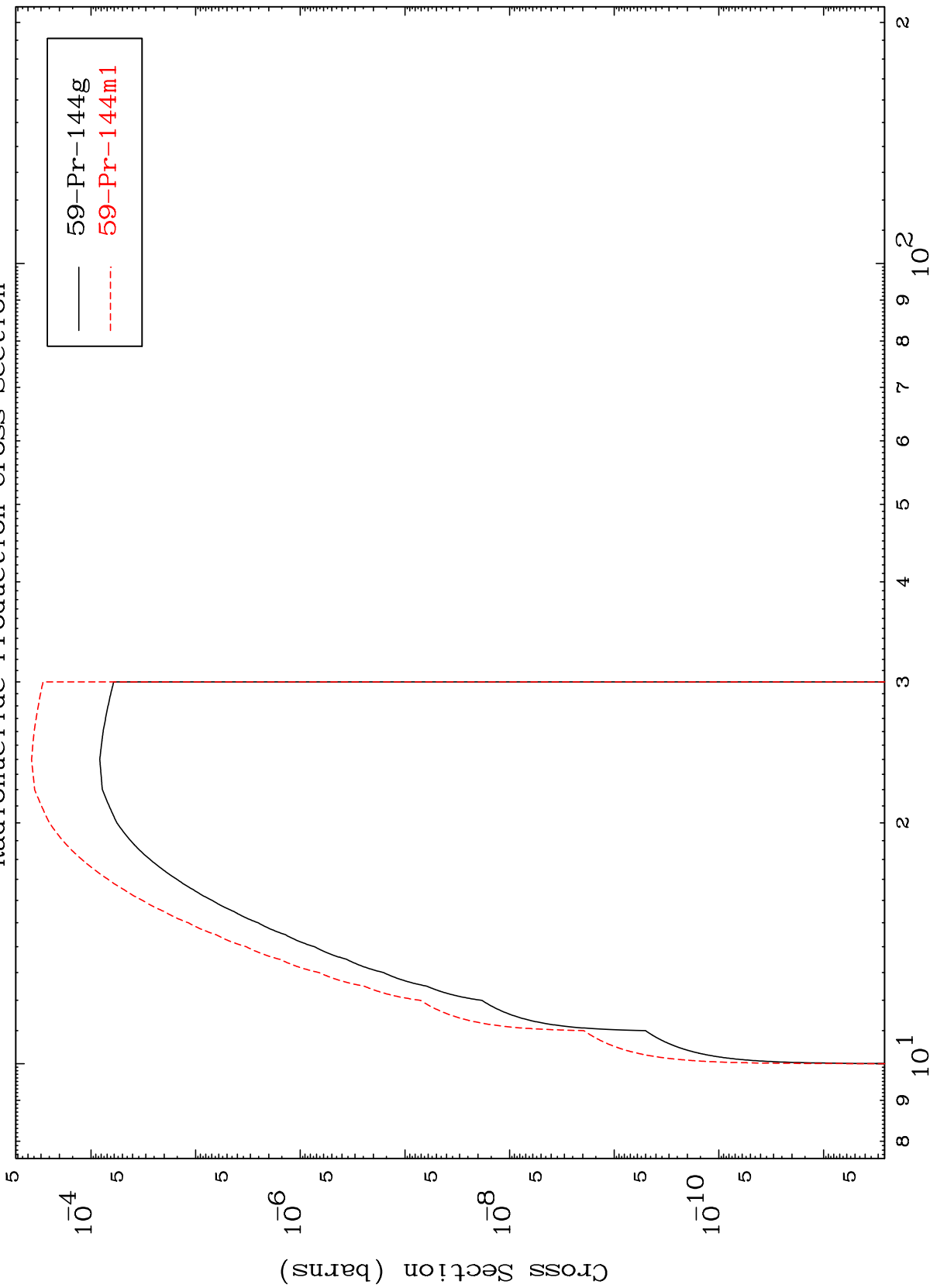
Incident Energy (MeV)

13

MAT 6034

60-Nd-145

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



60-Nd-145

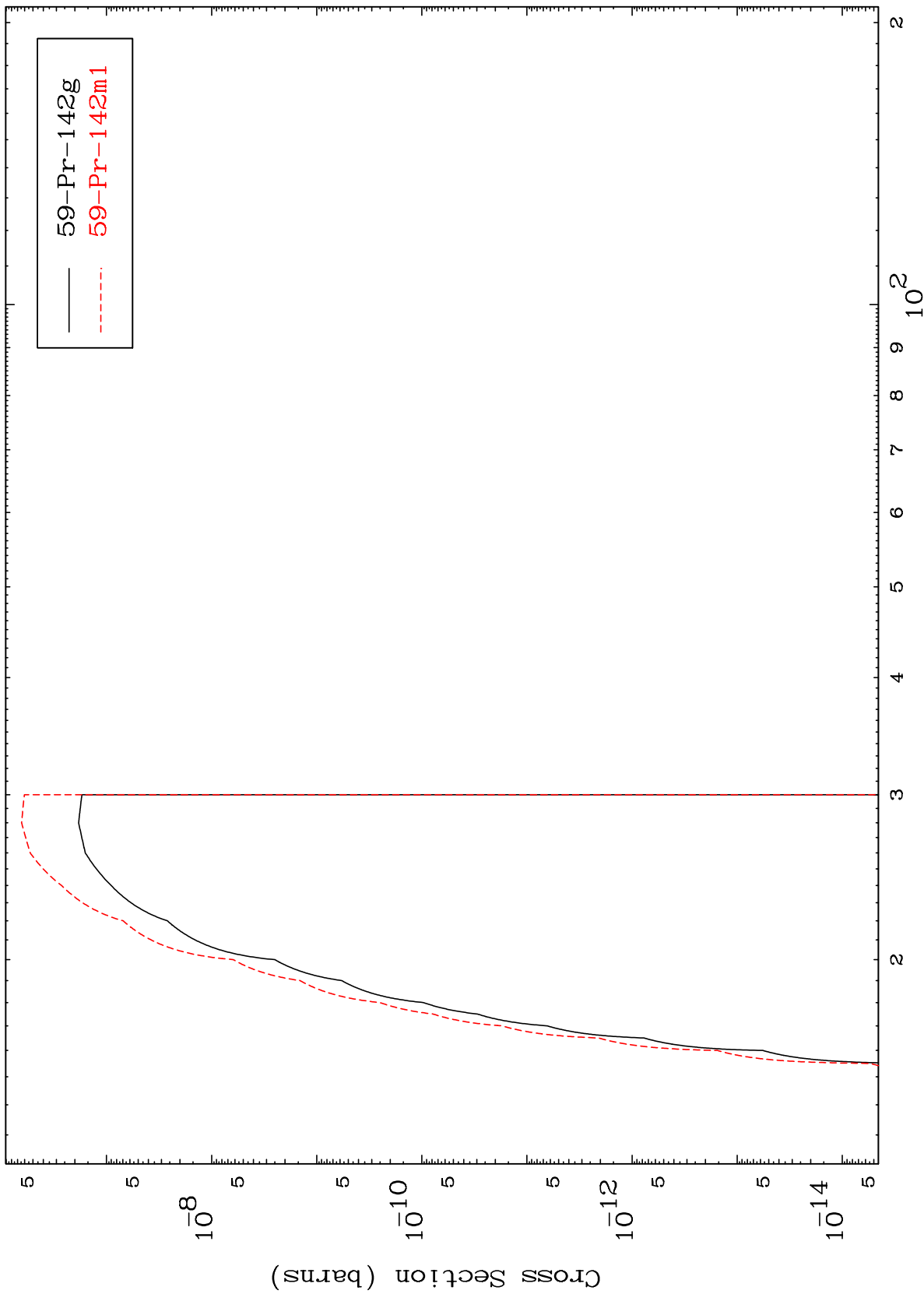
Incident Energy (MeV)

14

MAT 6034

60-Nd-145

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



15

Incident Energy (MeV)

60-Nd-145