

Program EVALPLOT
(Version 2021-1)

by

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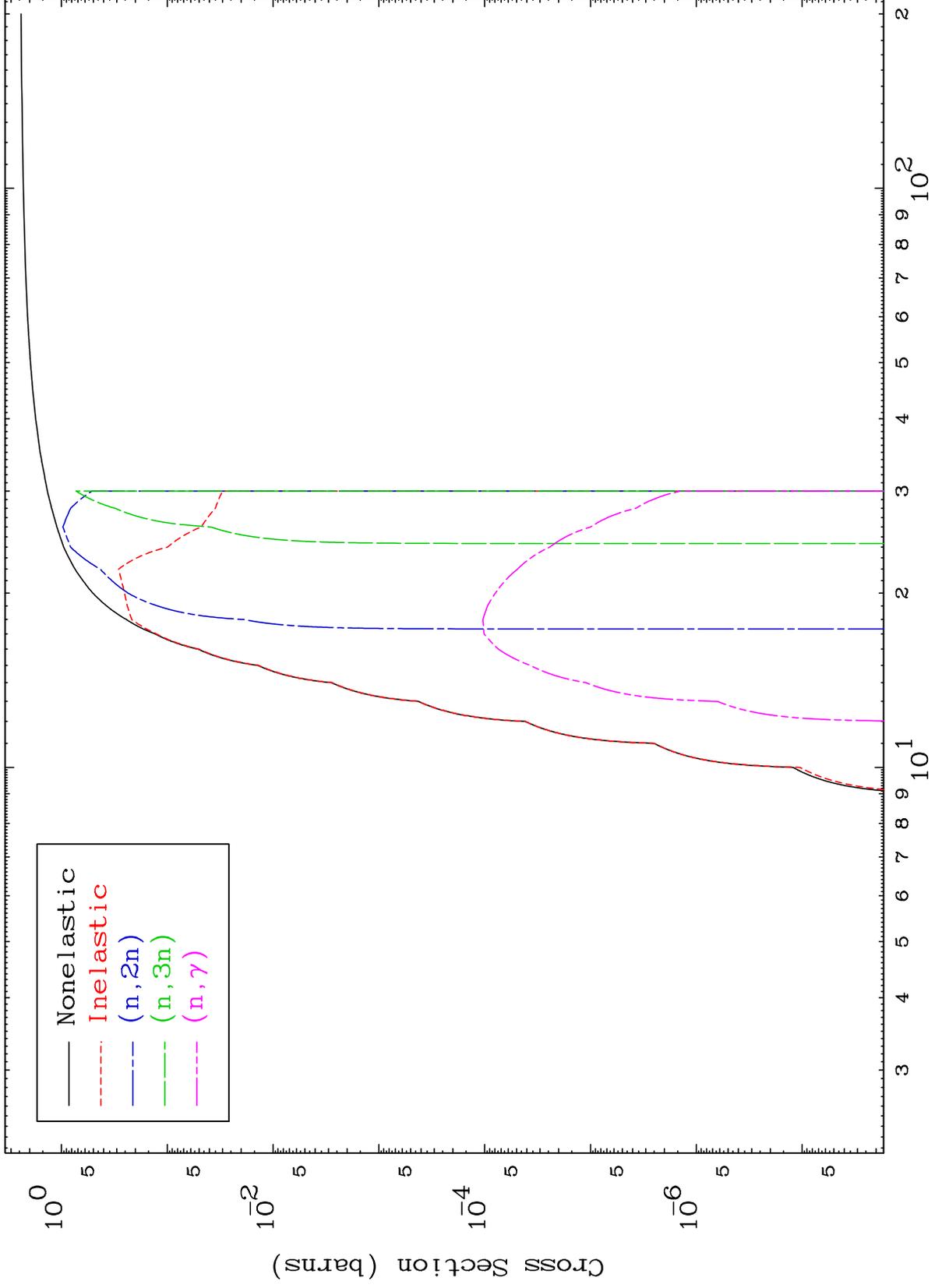
Press Mouse Button to Start

MAT 6146

0 Kelvin Cross Sections

α Major

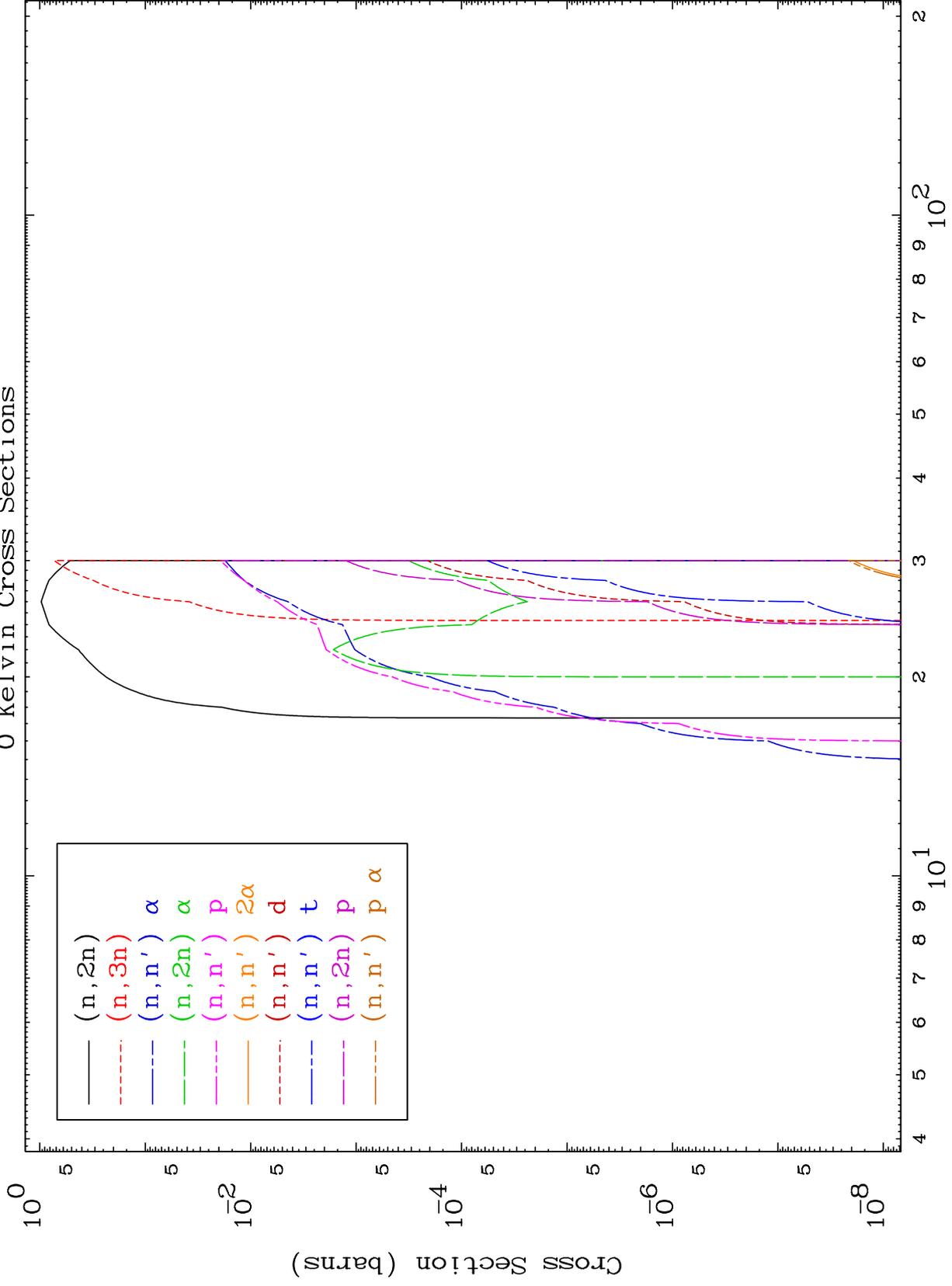
61-Pm-146



MAT 6146

α Neutron Absorption
0 Kelvin Cross Sections

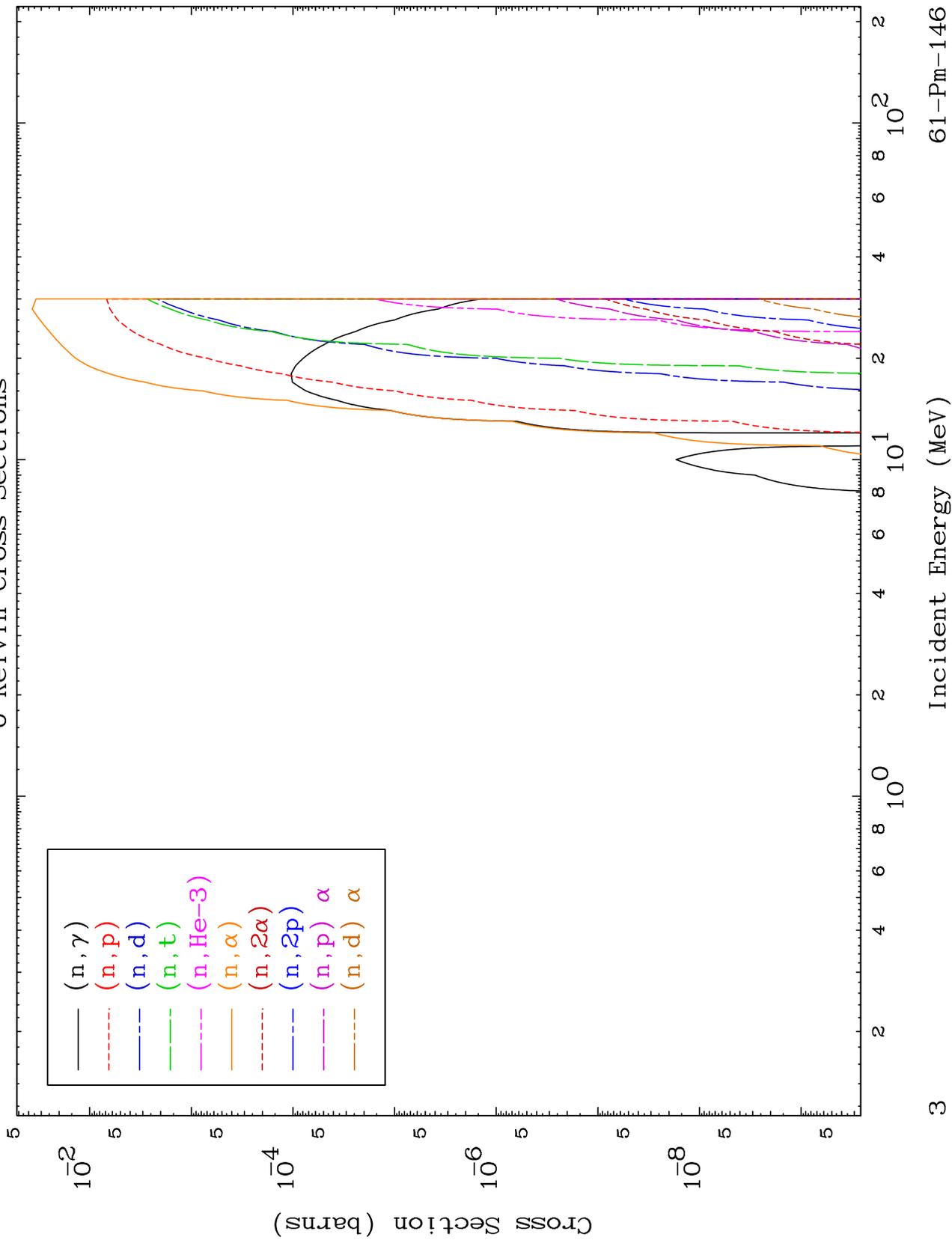
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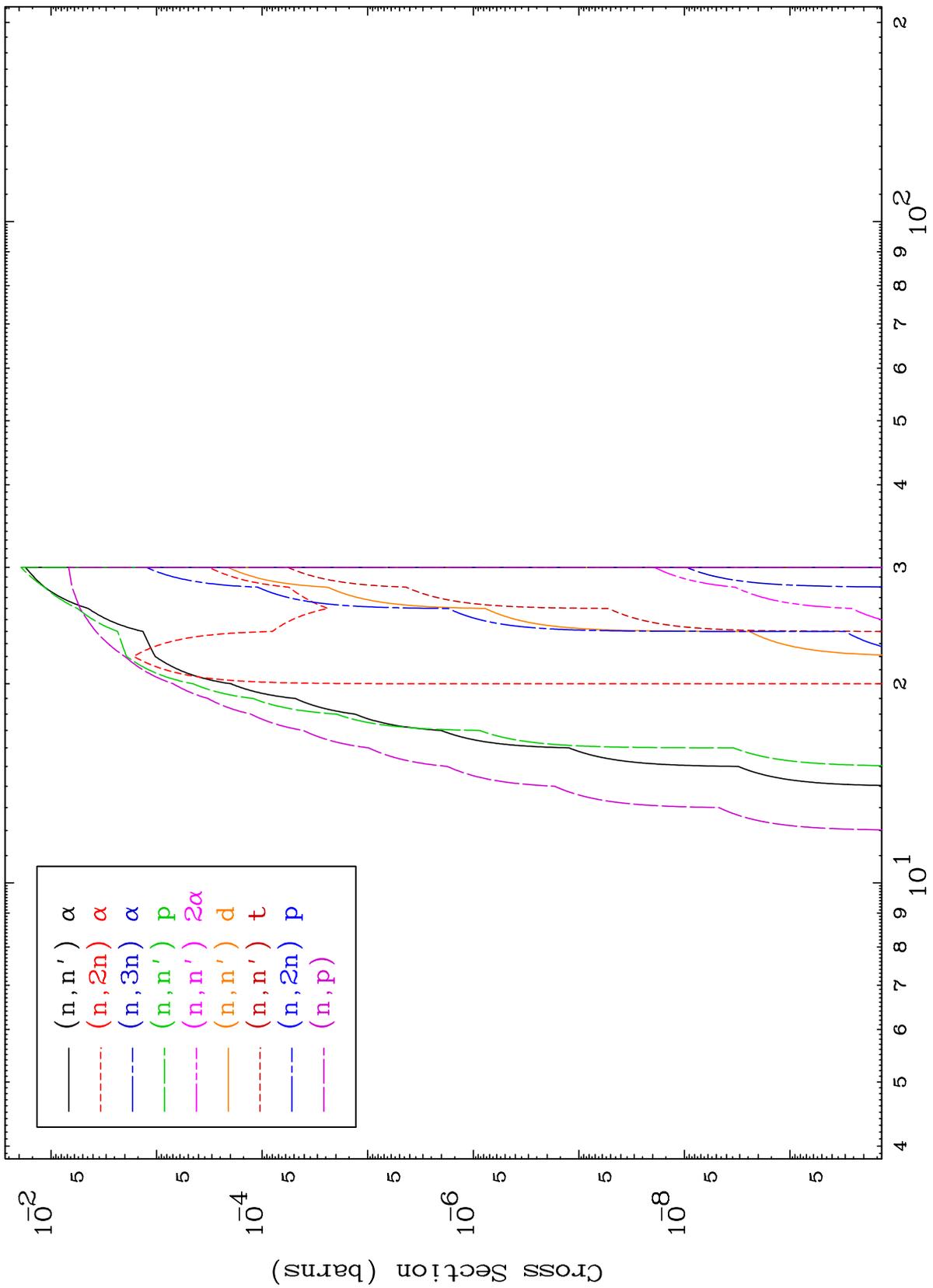


2

Incident Energy (MeV)

61-Pm-146

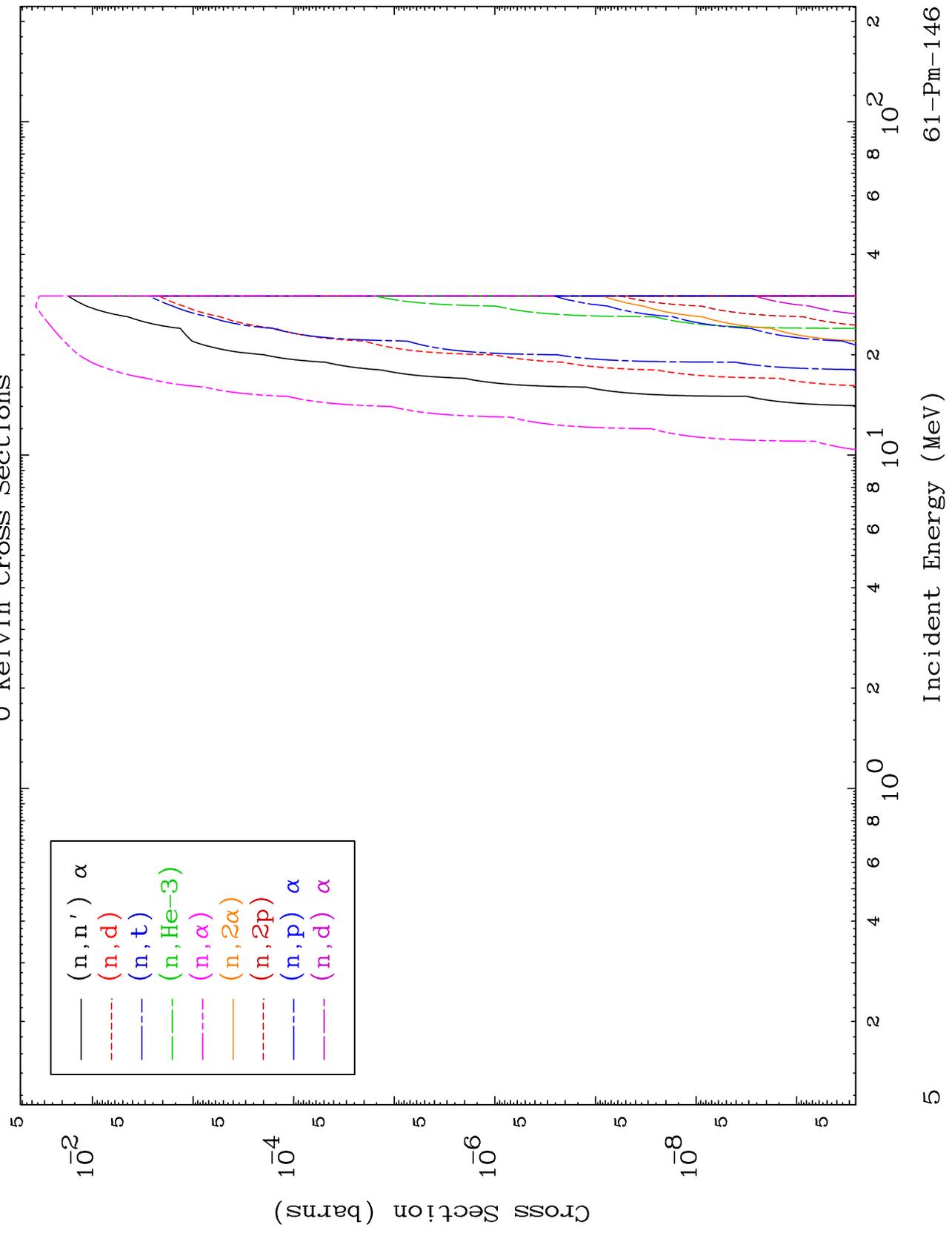




MAT 6146

α Charged Particle
0 Kelvin Cross Sections

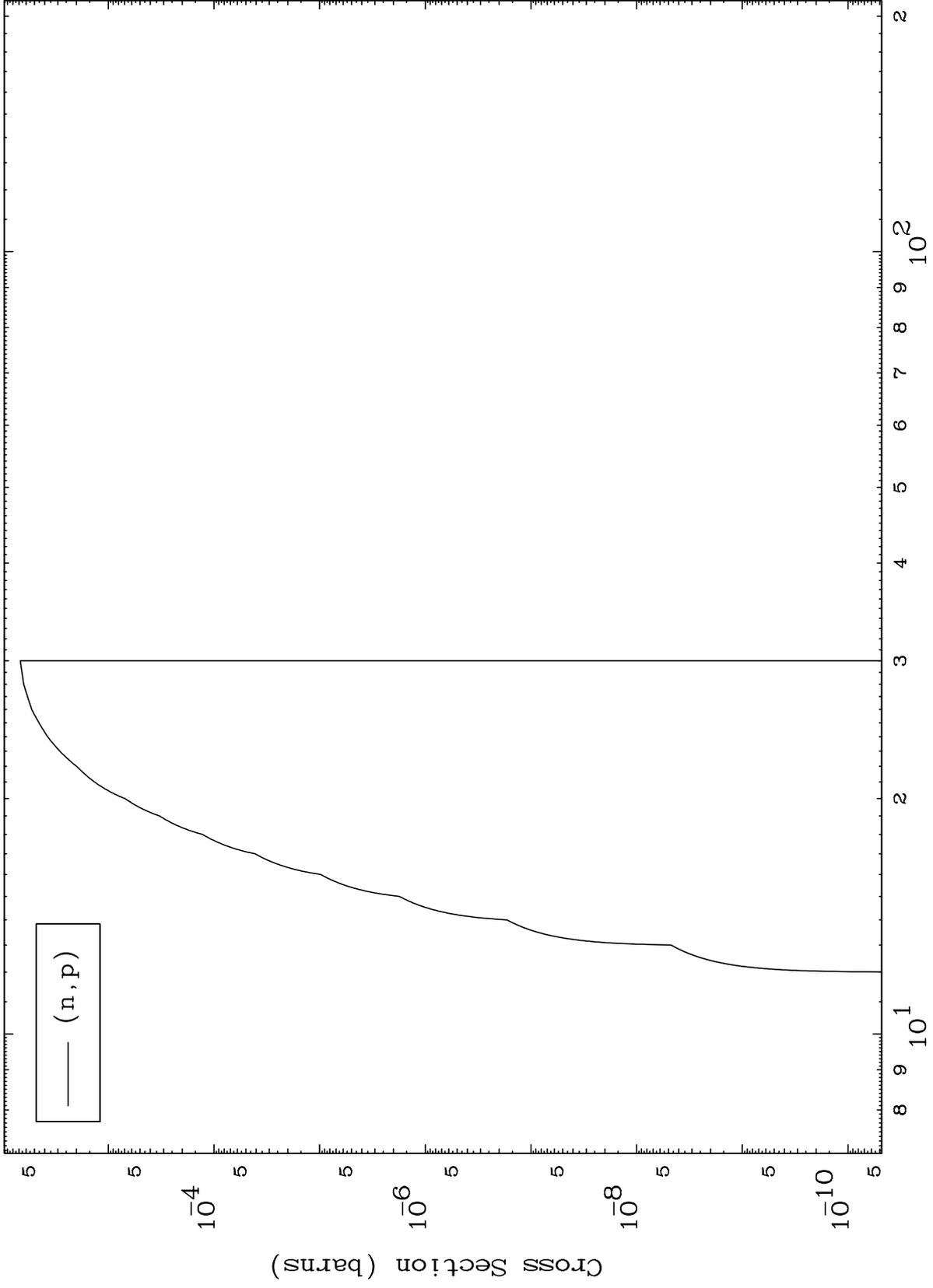
61-Pm-146



MAT 6146

(α, p) Levels
0 Kelvin Cross Sections

61-Pm-146



6

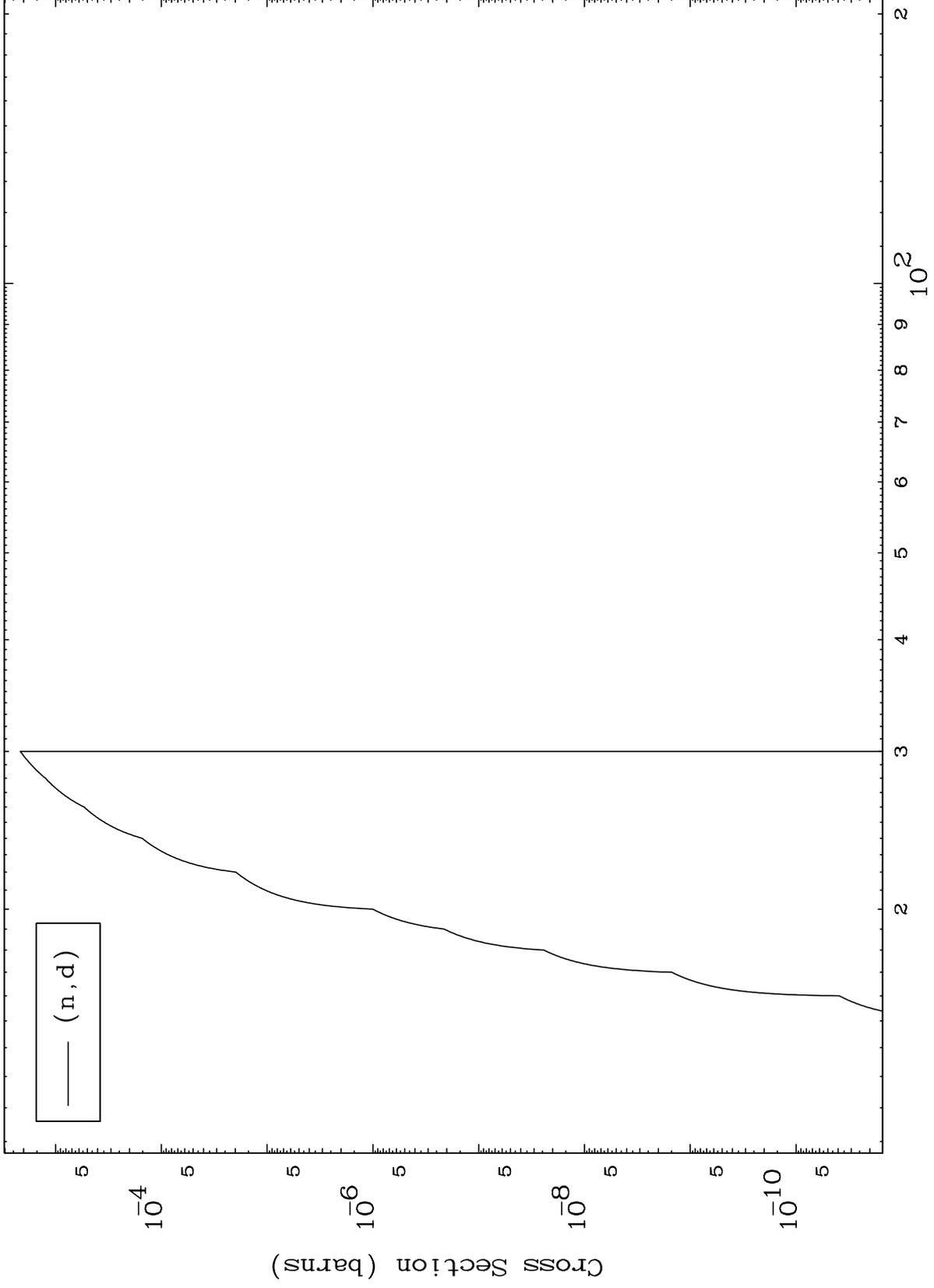
Incident Energy (MeV)

61-Pm-146

MAT 6146

(α, d) Levels
0 Kelvin Cross Sections

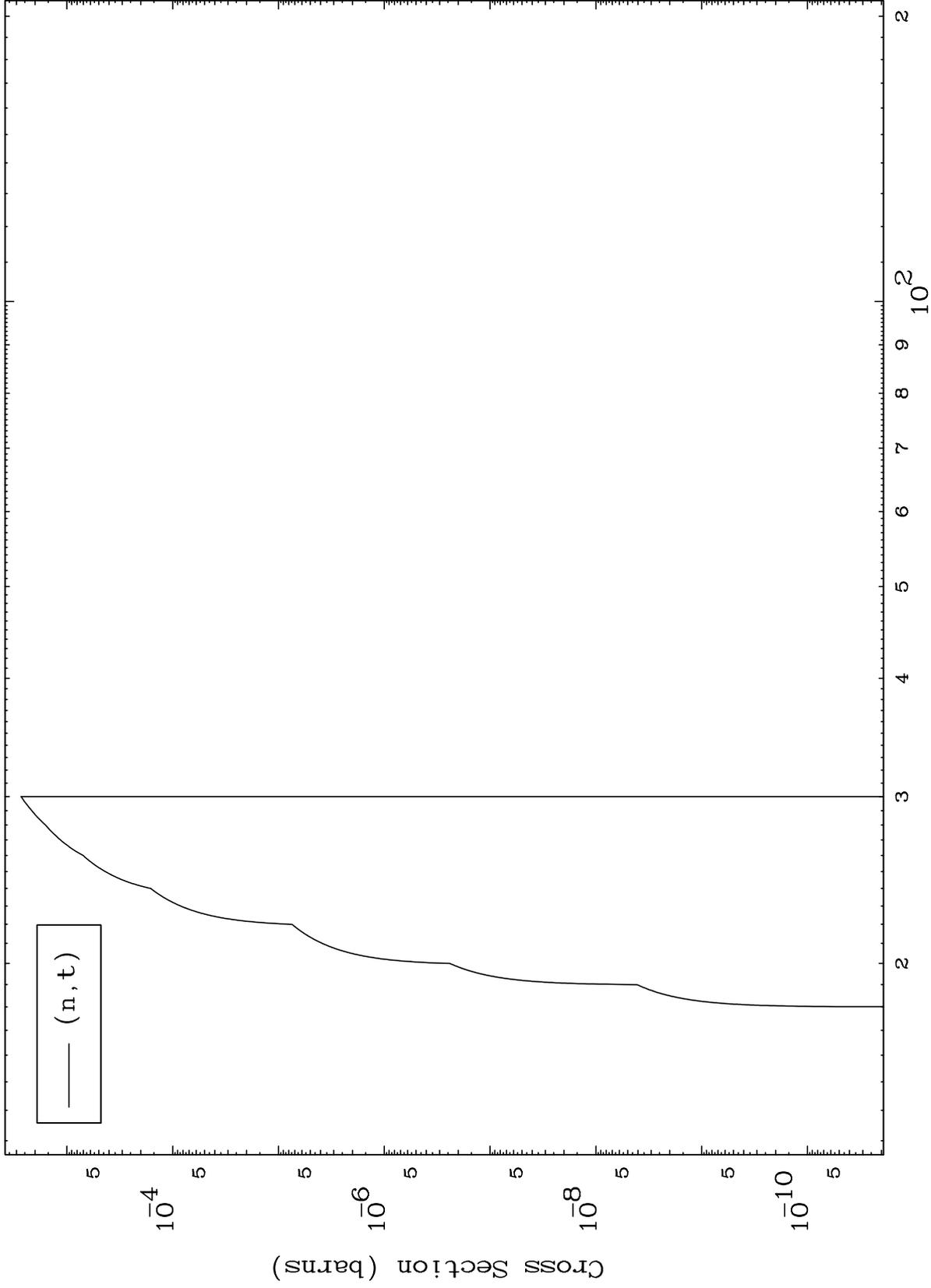
61-Pm-146



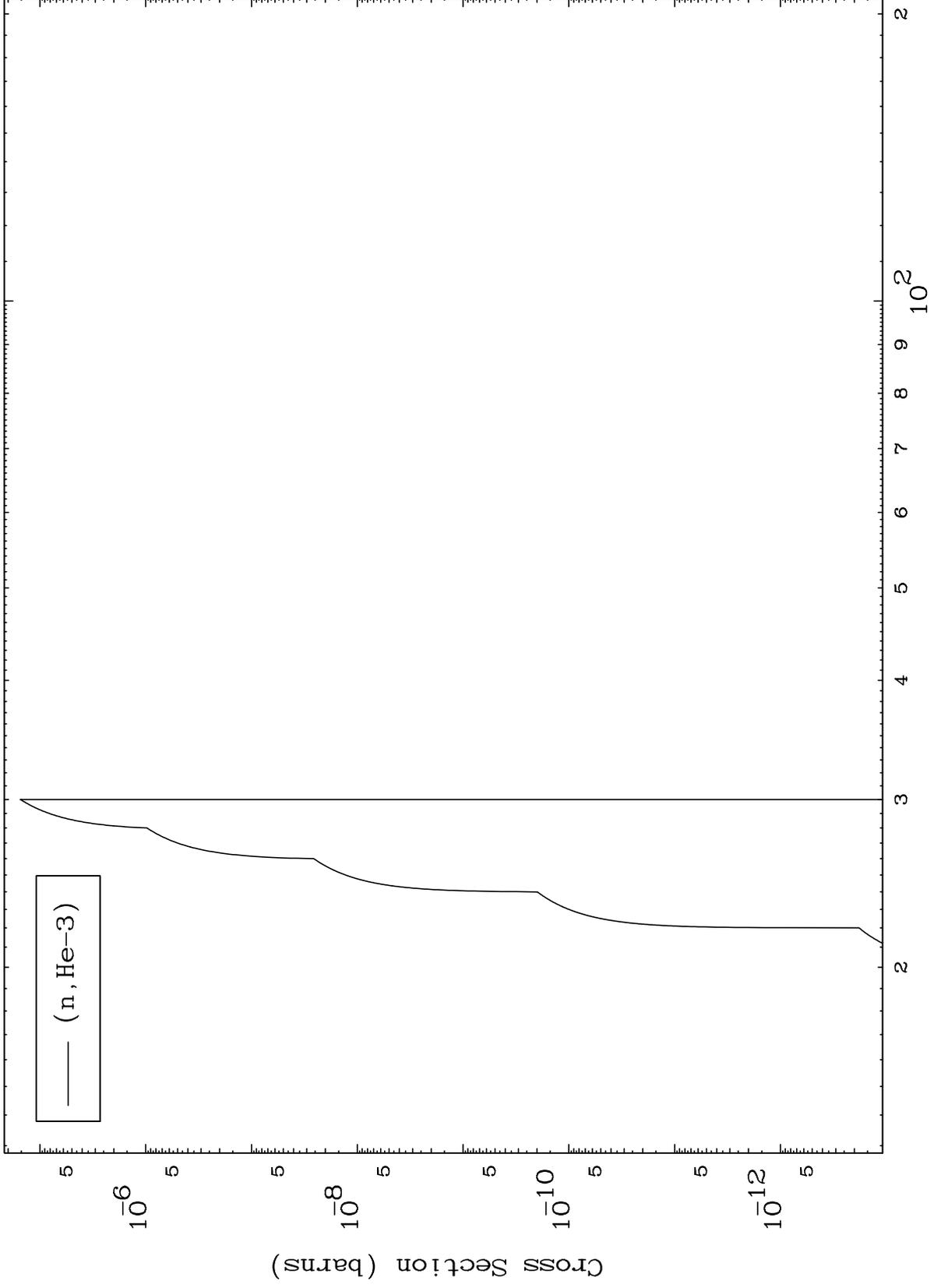
7

Incident Energy (MeV)

61-Pm-146



($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

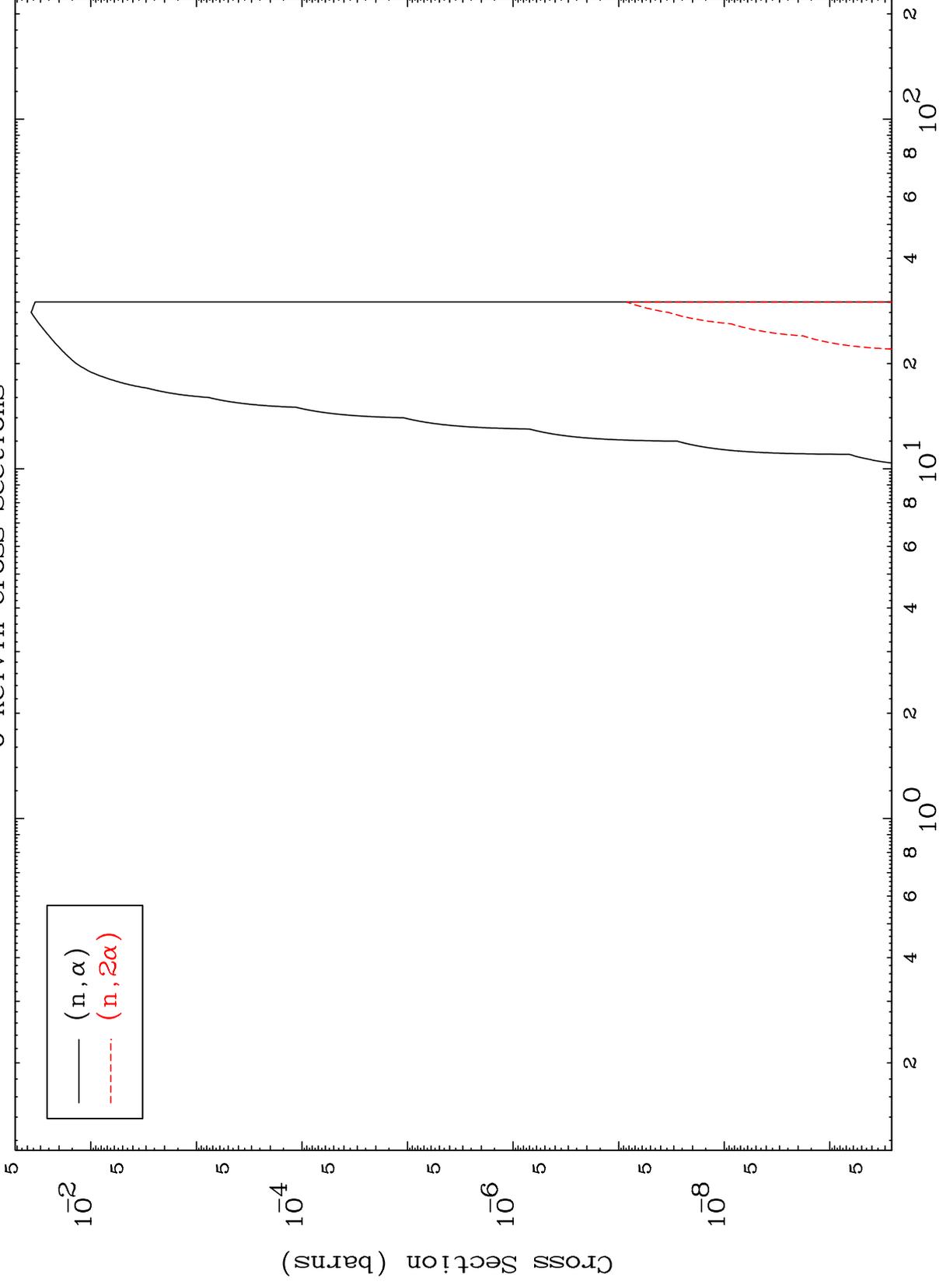


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(α, α) Levels

61-Pm-146

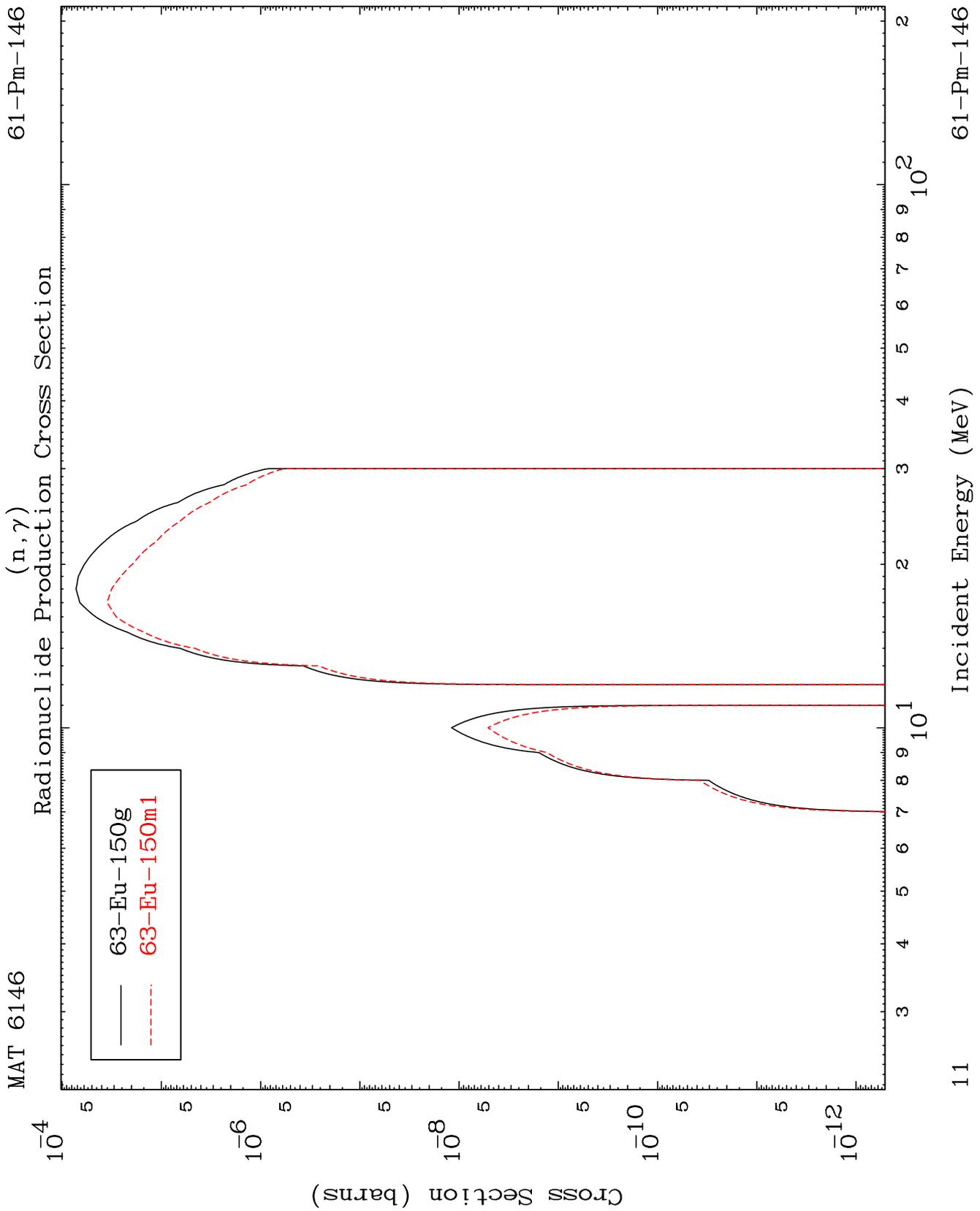
0 Kelvin Cross Sections



10

Incident Energy (MeV)

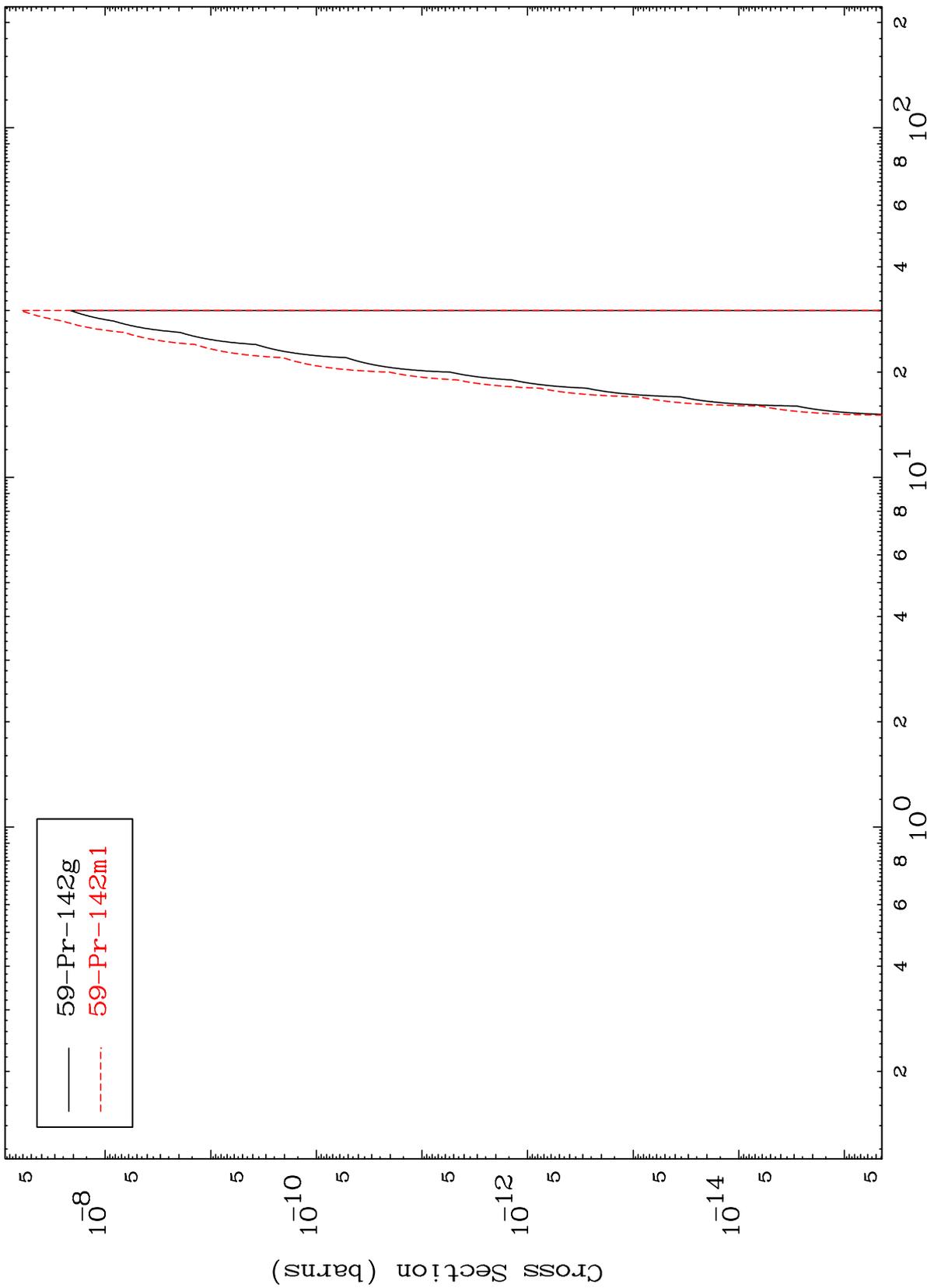
61-Pm-146



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61-Pm-146

Radionuclide Production Cross Section
(n,2 α)



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

12

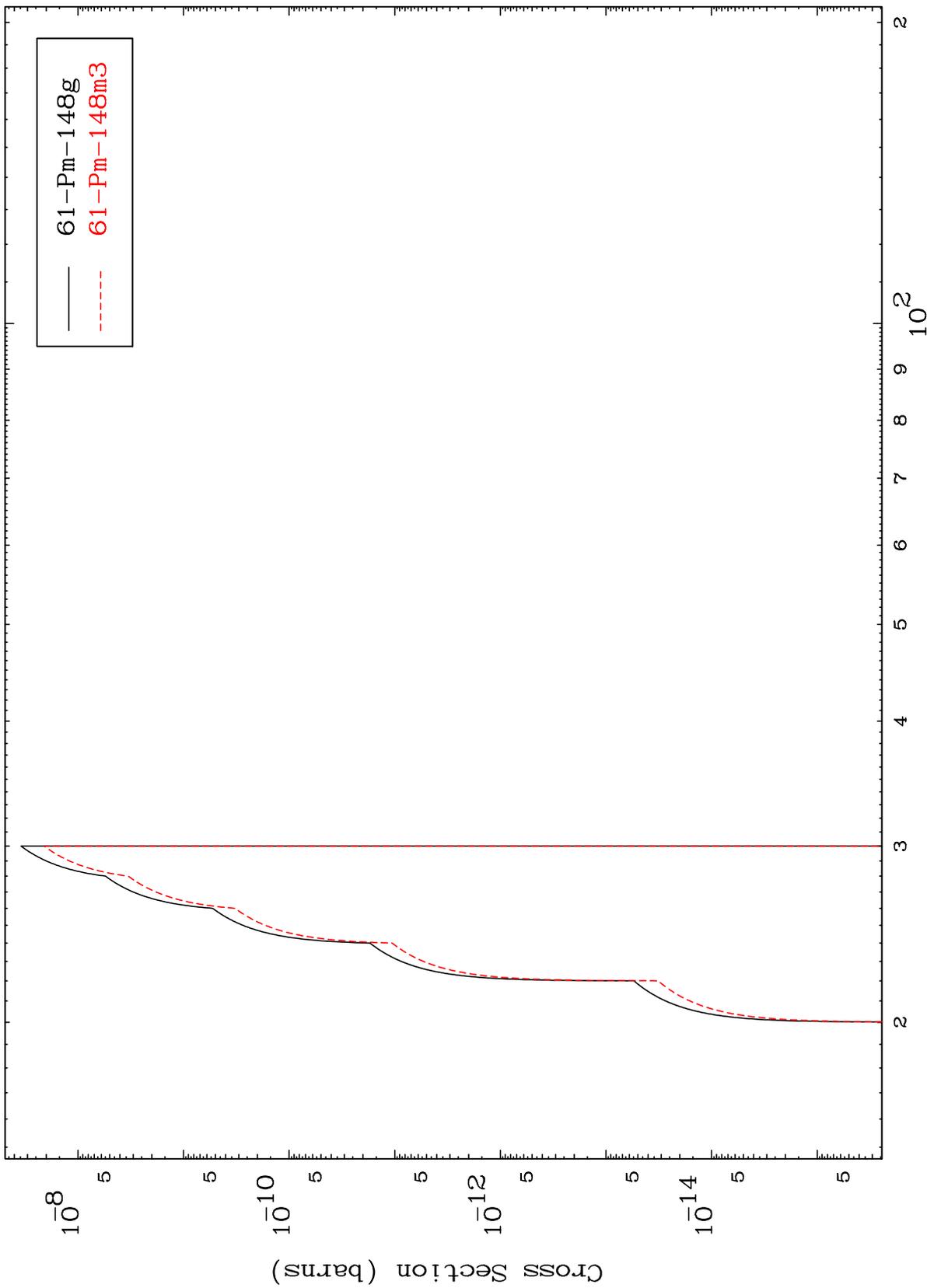
Incident Energy (MeV)

61-Pm-146

MAT 6146

61-Pm-146

(n,2p)
Radionuclide Production Cross Section



13

61-Pm-146

Incident Energy (MeV)