

Program EVALPLOT
(Version 2018-1)

by

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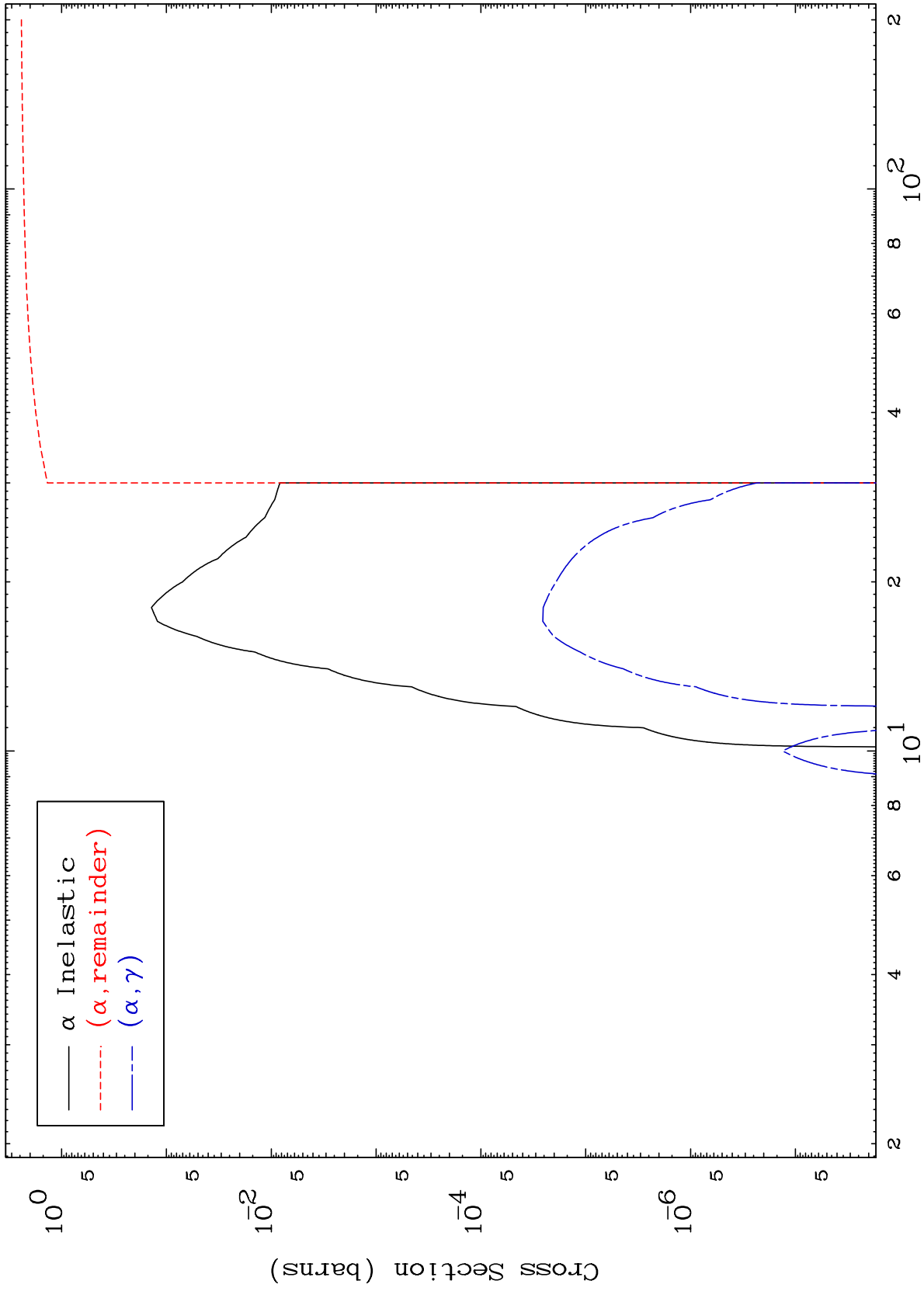
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6149

0 Kelvin α Major

61-Pm-147



1

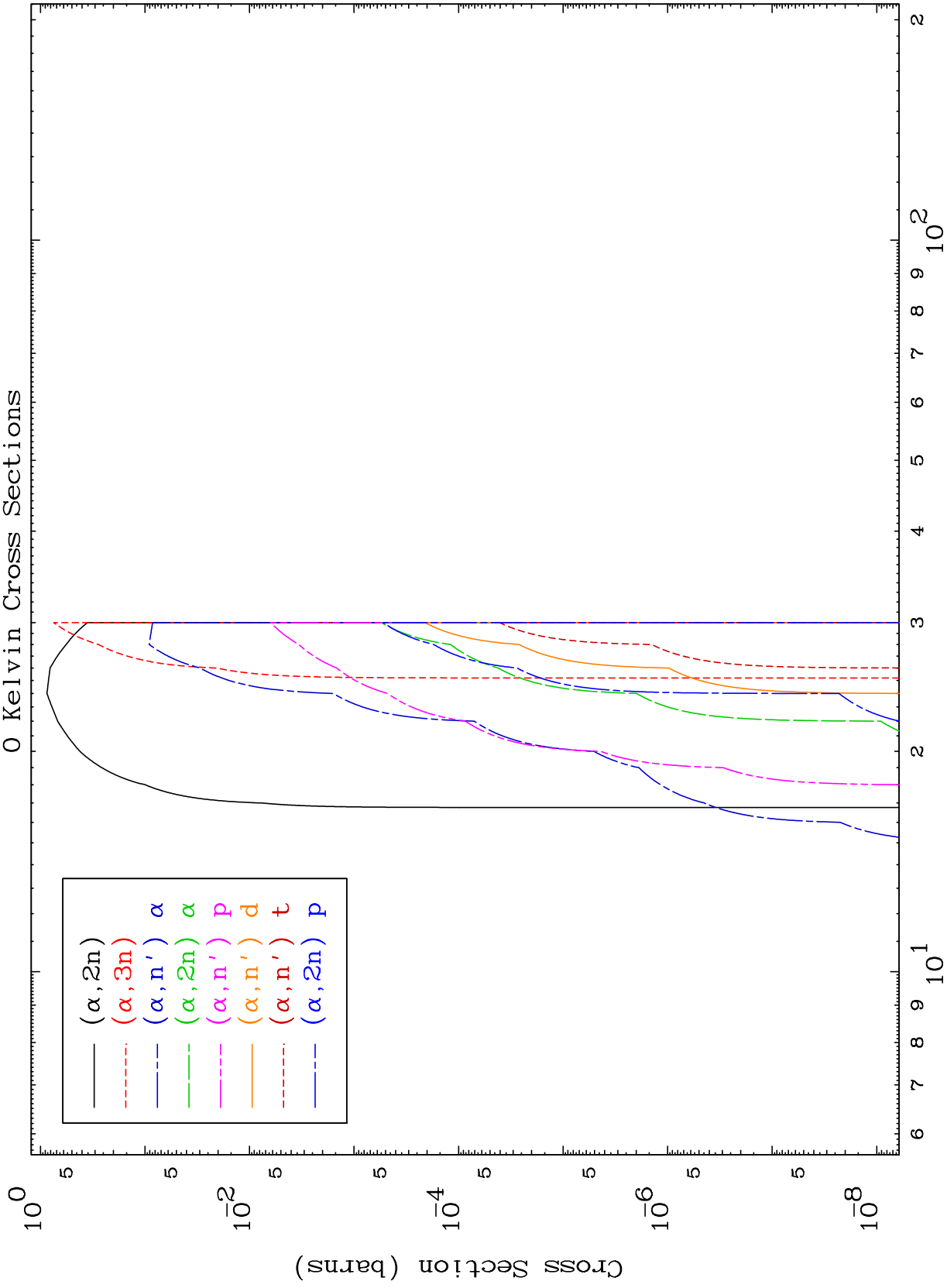
Incident Energy (MeV)

61-Pm-147

MAT 6149

α Neutron Production
0 Kelvin Cross Sections

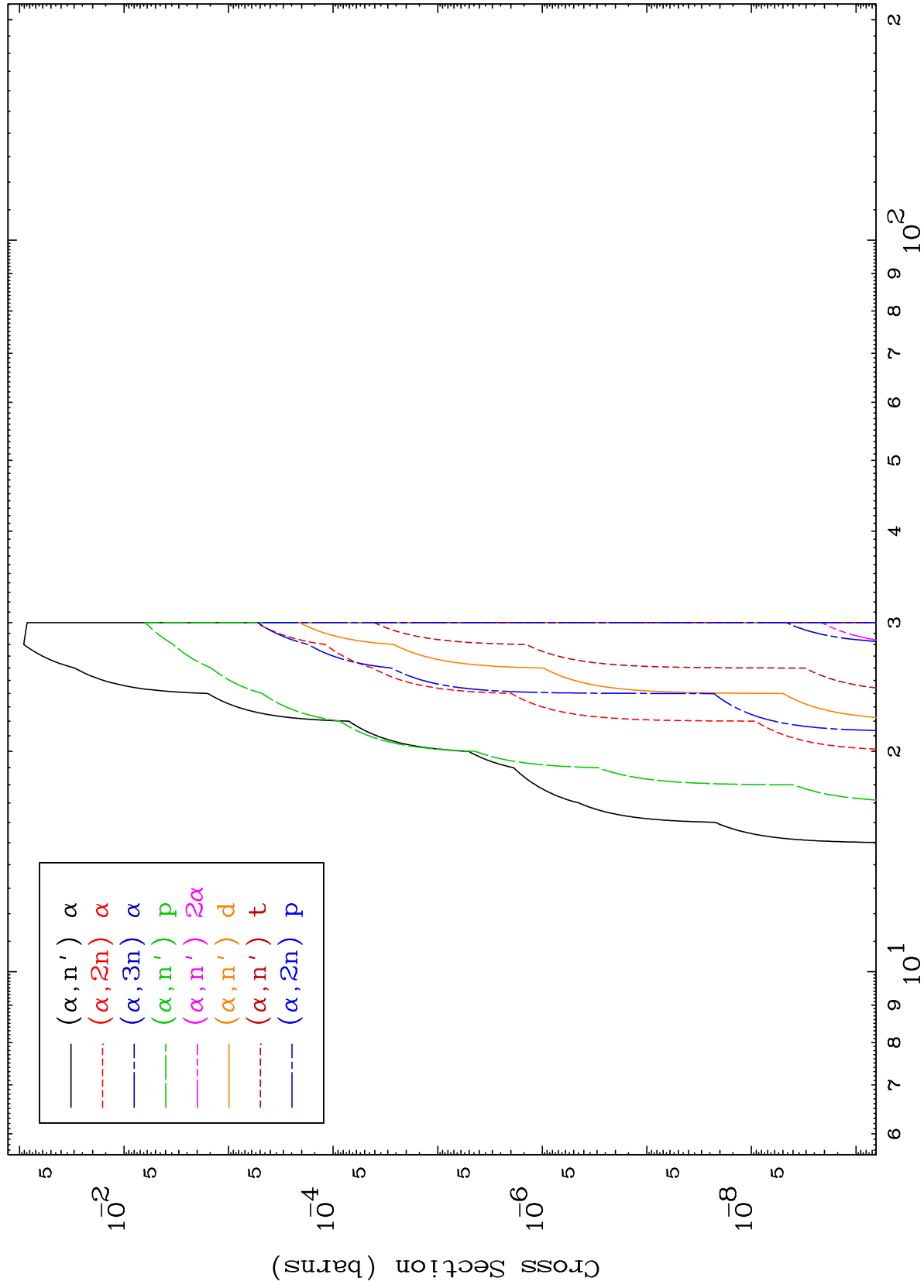
61-Pm-147



2

Incident Energy (MeV)

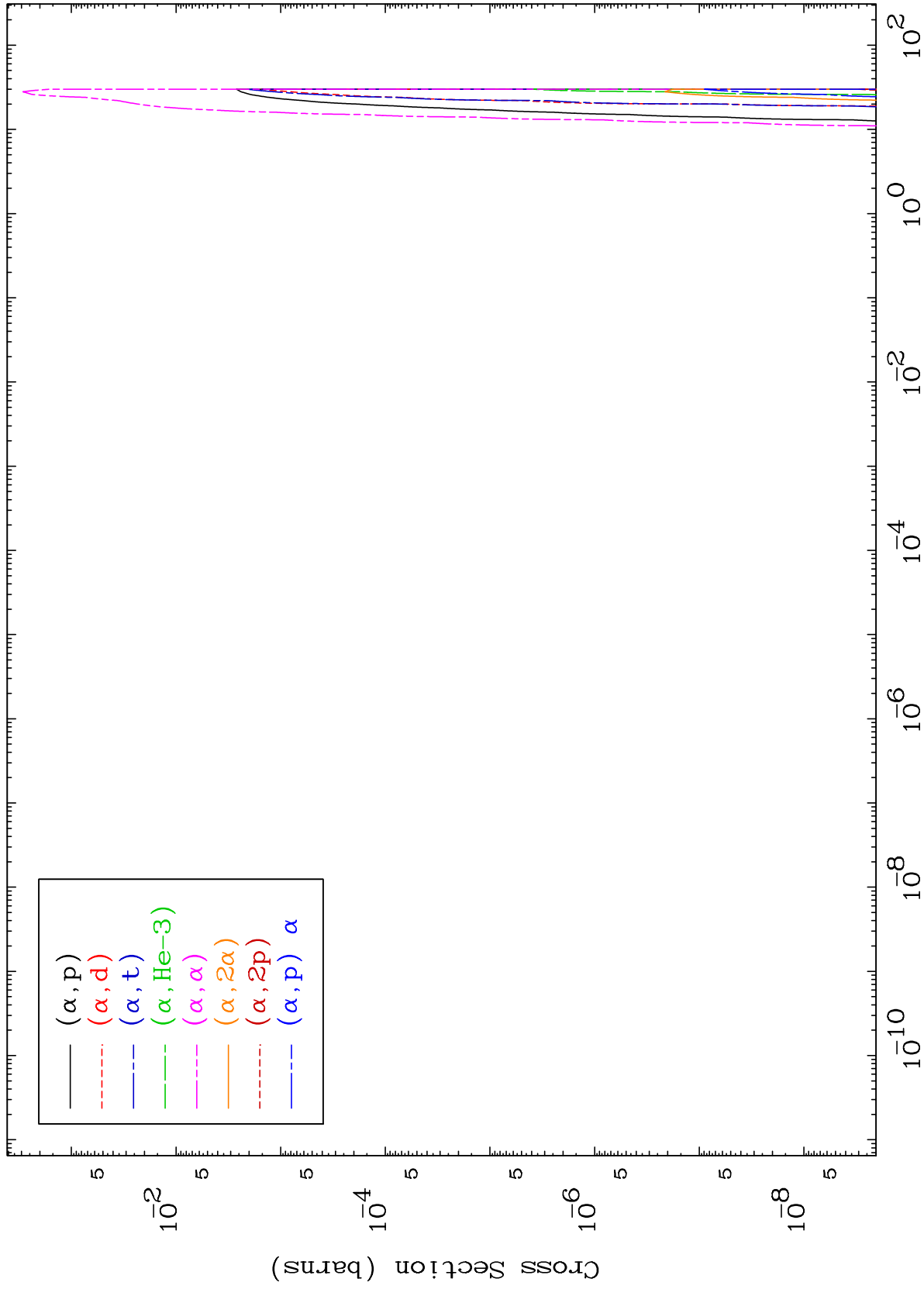
61-Pm-147



MAT 6149

α Charged Particle
0 Kelvin Cross Sections

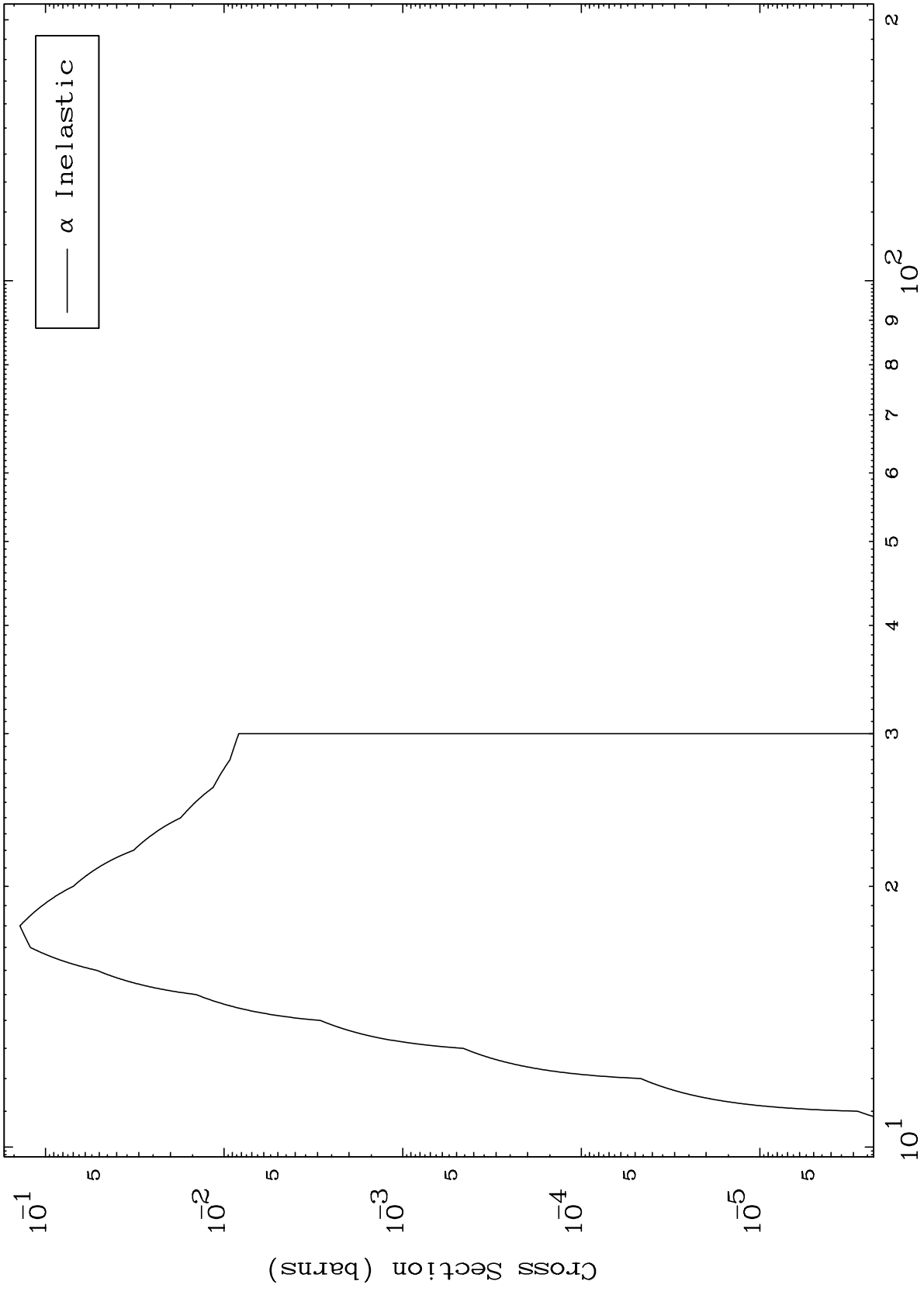
61-Pm-147



MAT 6149

(α, n') Level
0 Kelvin Cross Sections

61-Pm-147



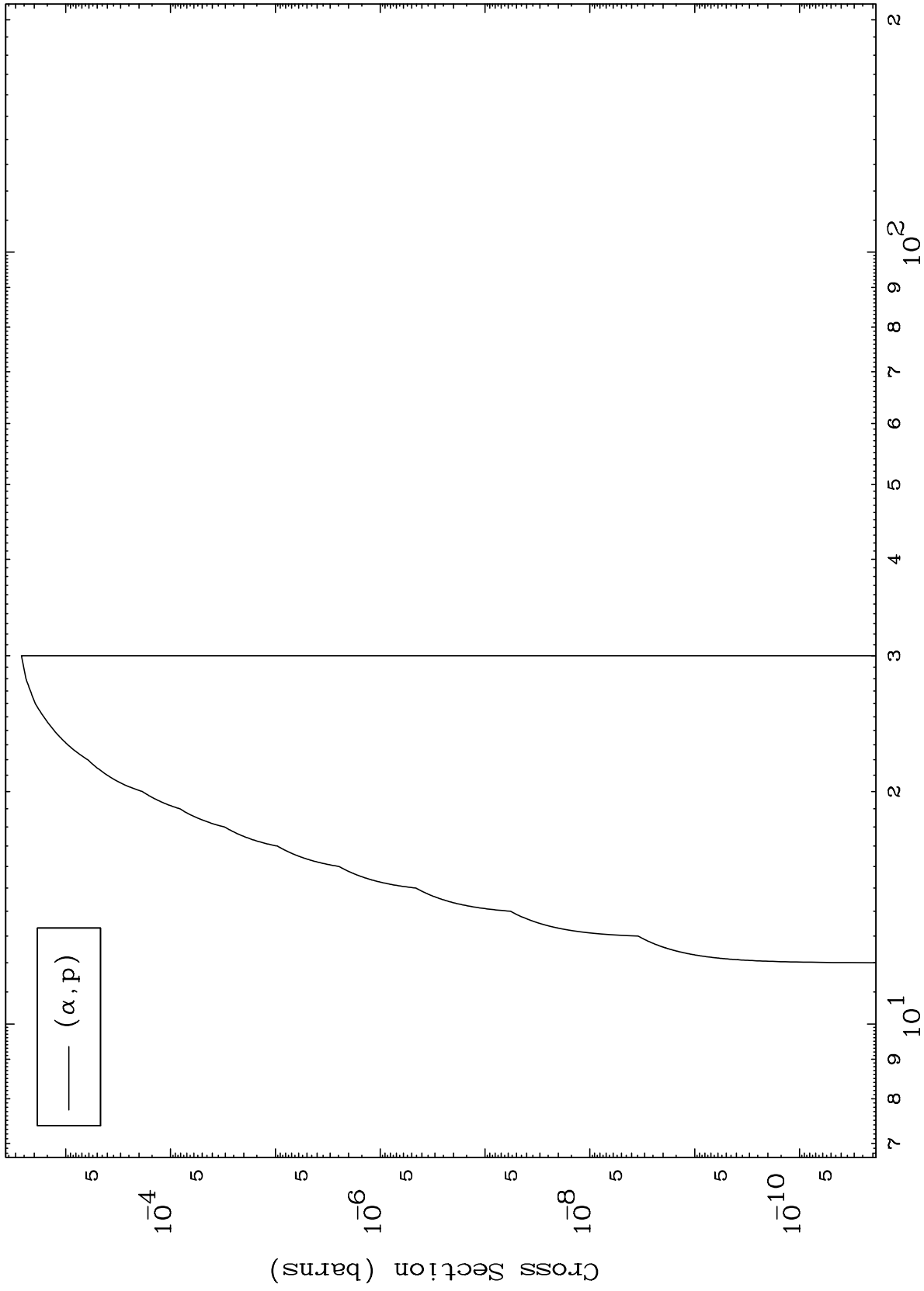
Incident Energy (MeV)

61-Pm-147

MAT 6149

(α, p) Levels
0 Kelvin Cross Sections

61-Pm-147



6

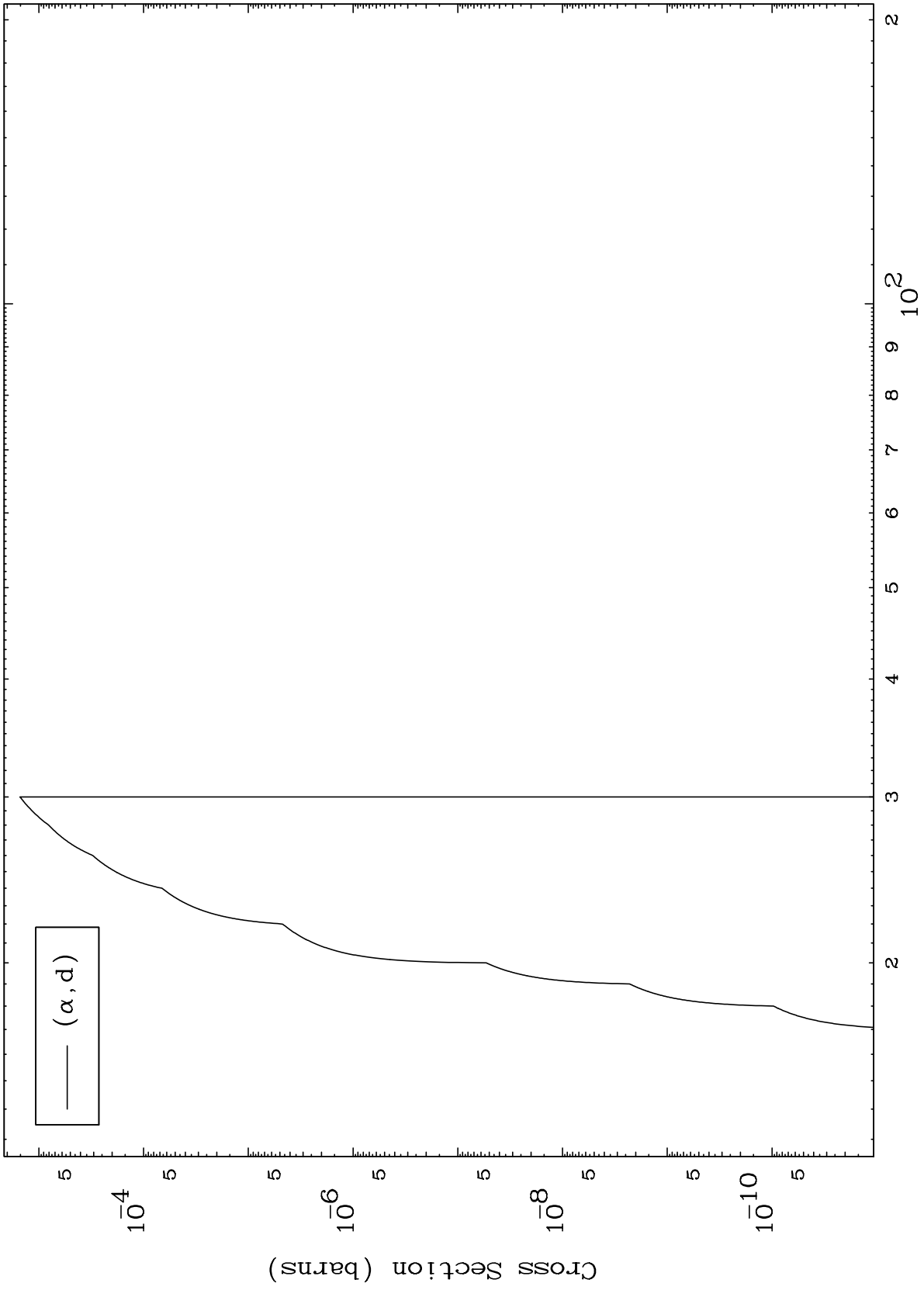
Incident Energy (MeV)

61-Pm-147

MAT 6149

(α, d) Levels
0 Kelvin Cross Sections

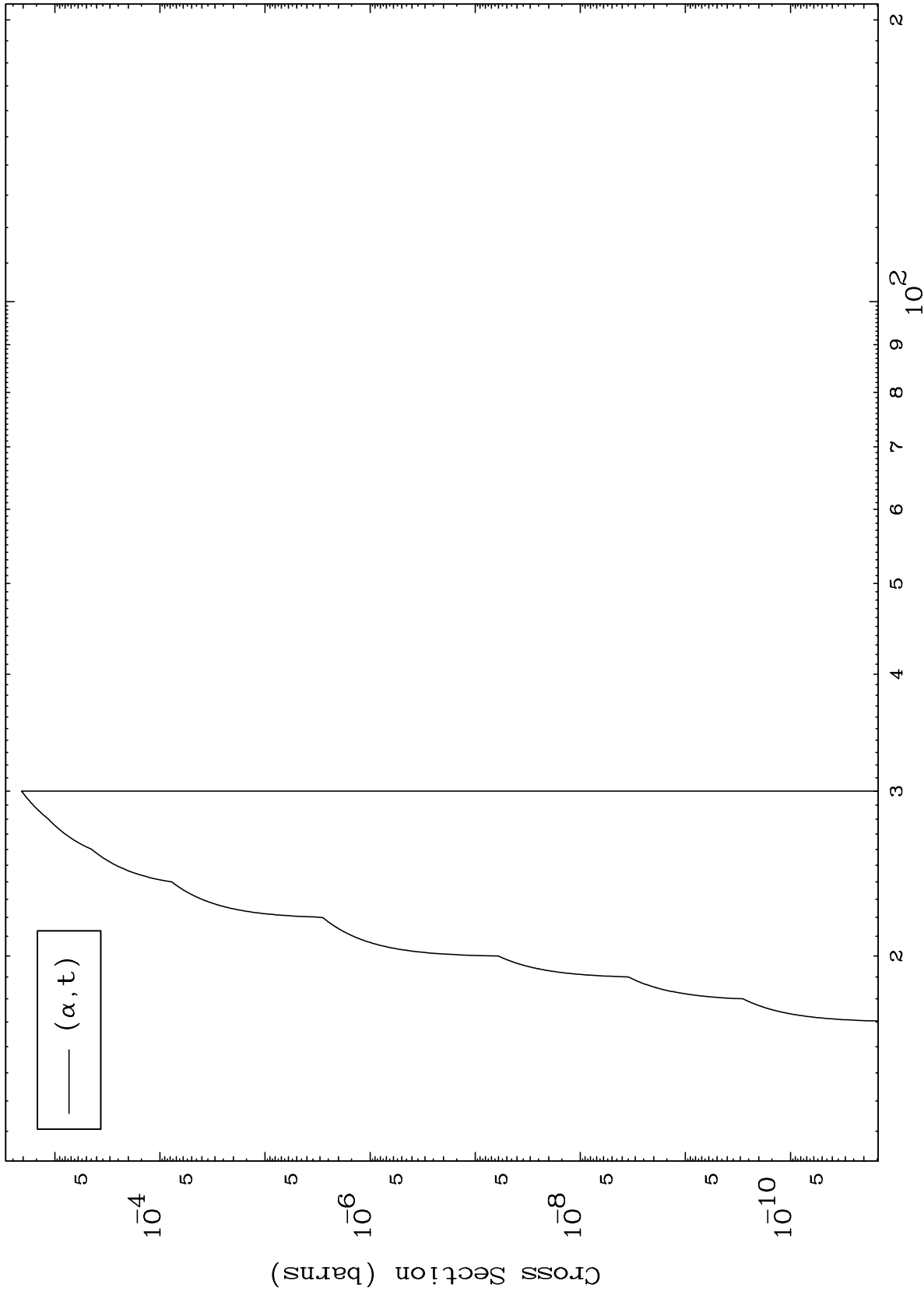
61-Pm-147

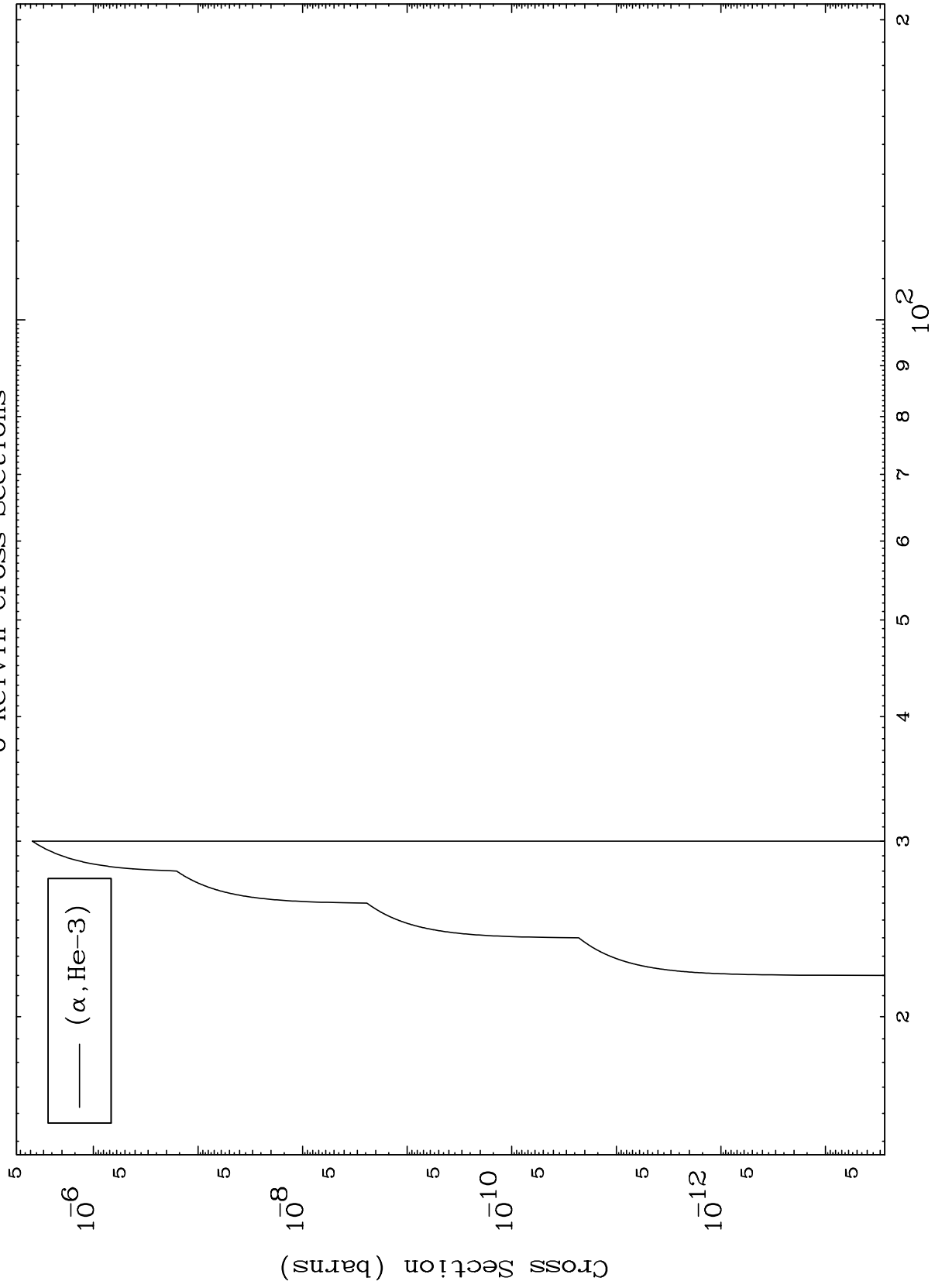


7

Incident Energy (MeV)

61-Pm-147

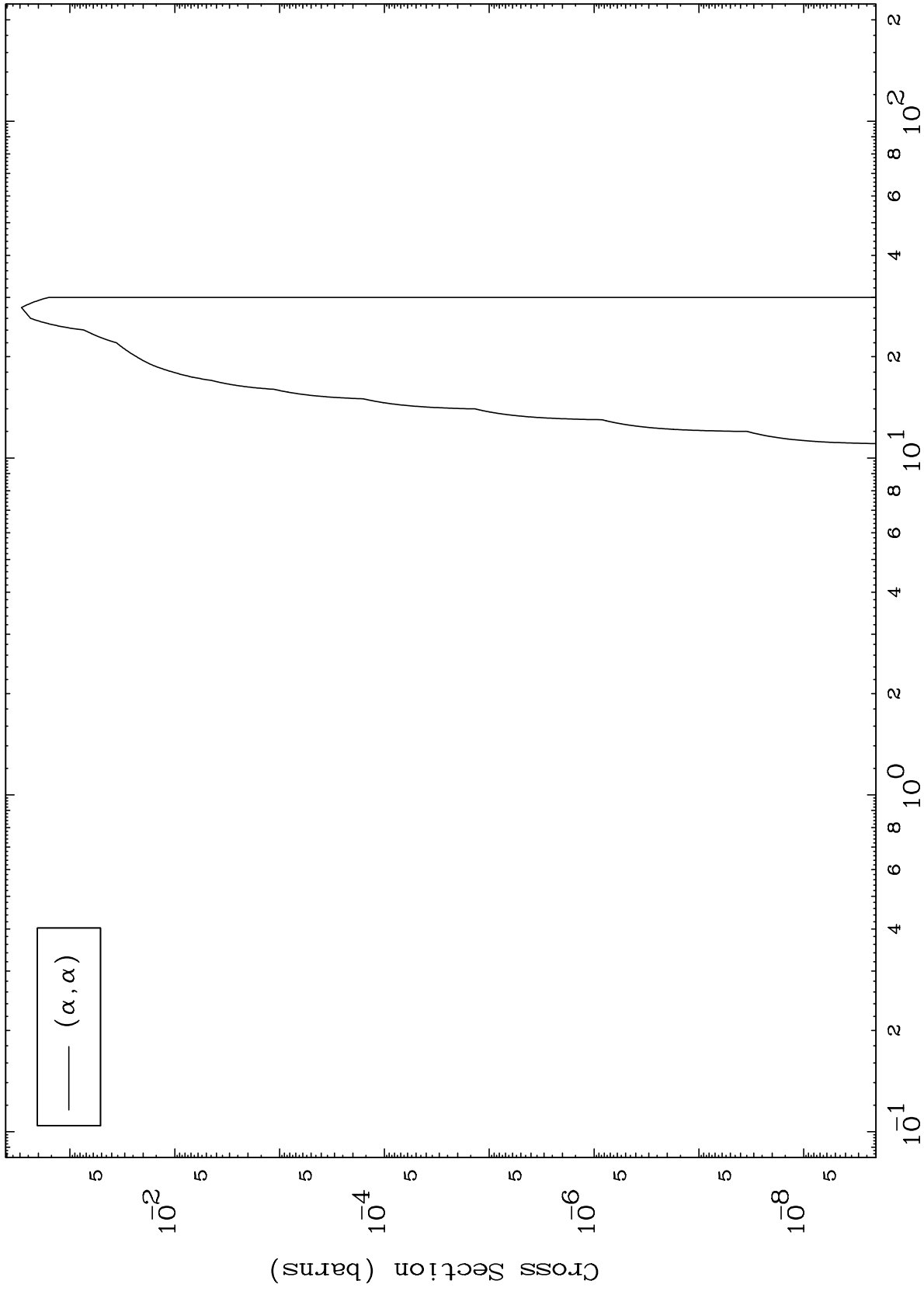




MAT 6149

(α, α) Levels
0 Kelvin Cross Sections

61-Pm-147



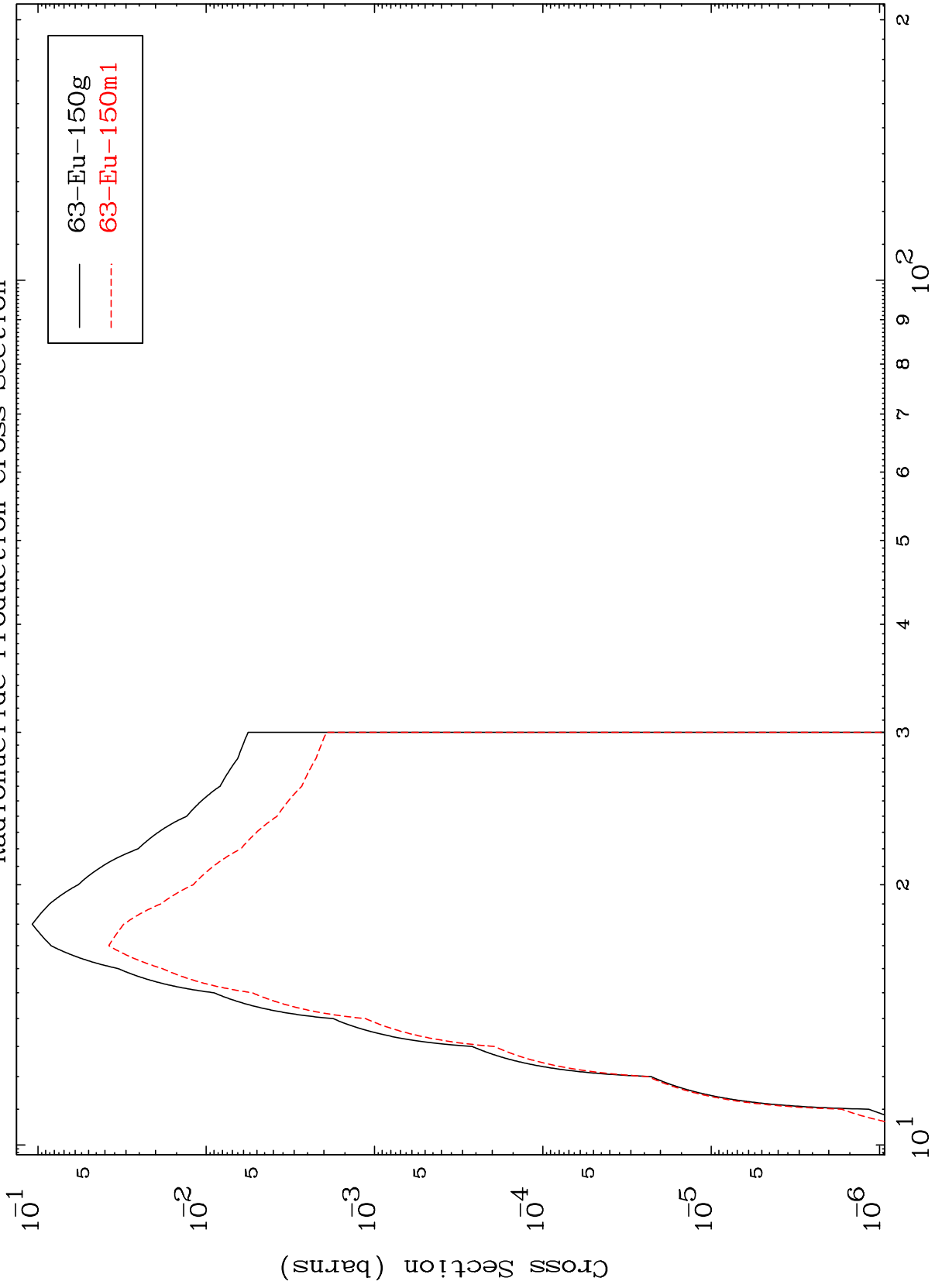
Incident Energy (MeV)

61-Pm-147

MAT 6149

61-Pm-147

α Inelastic
Radionuclide Production Cross Section



61-Pm-147

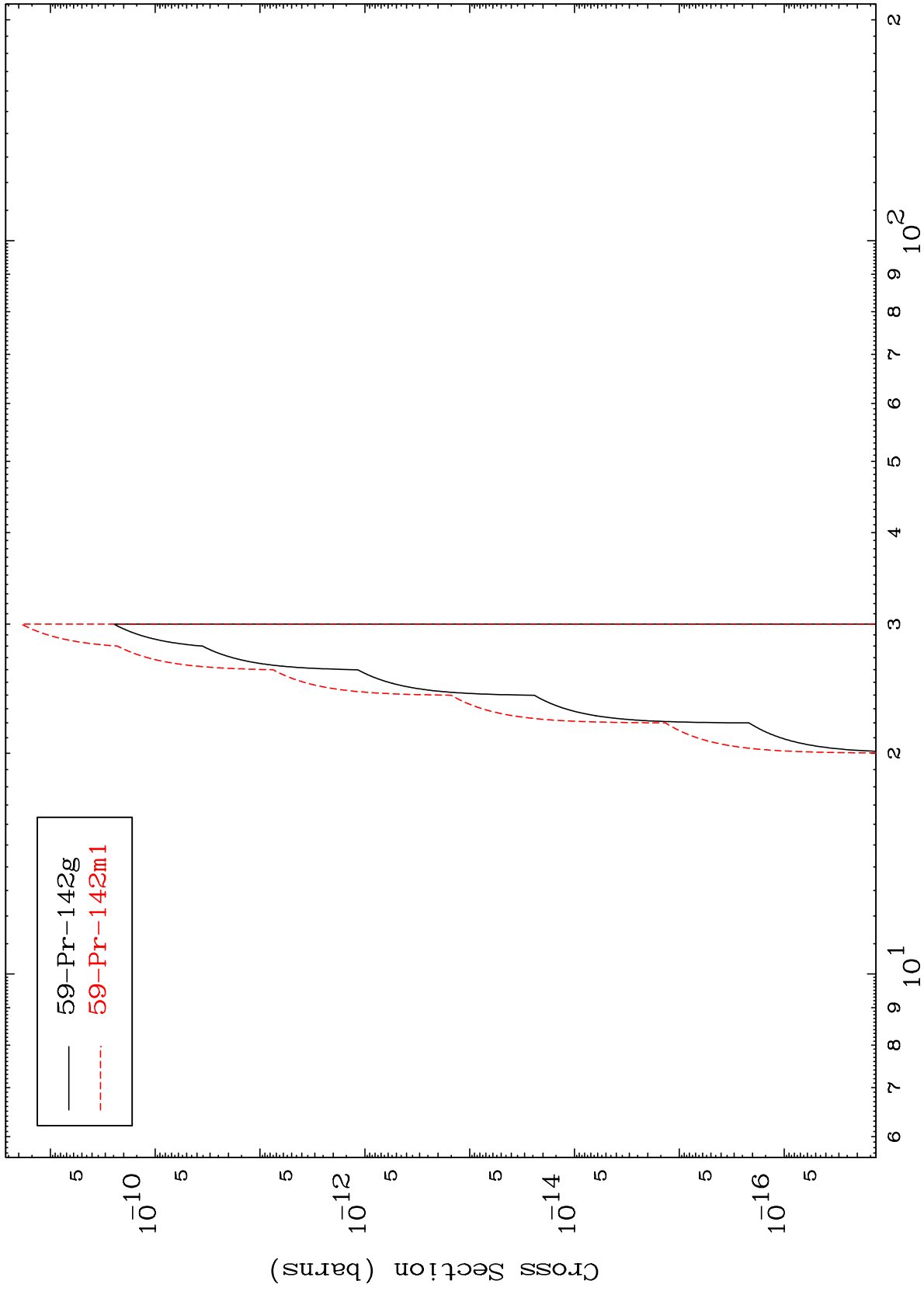
Incident Energy (MeV)

11

MAT 6149

61-Pm-147

(α, n') 2α
Radionuclide Production Cross Section



12

Incident Energy (MeV)

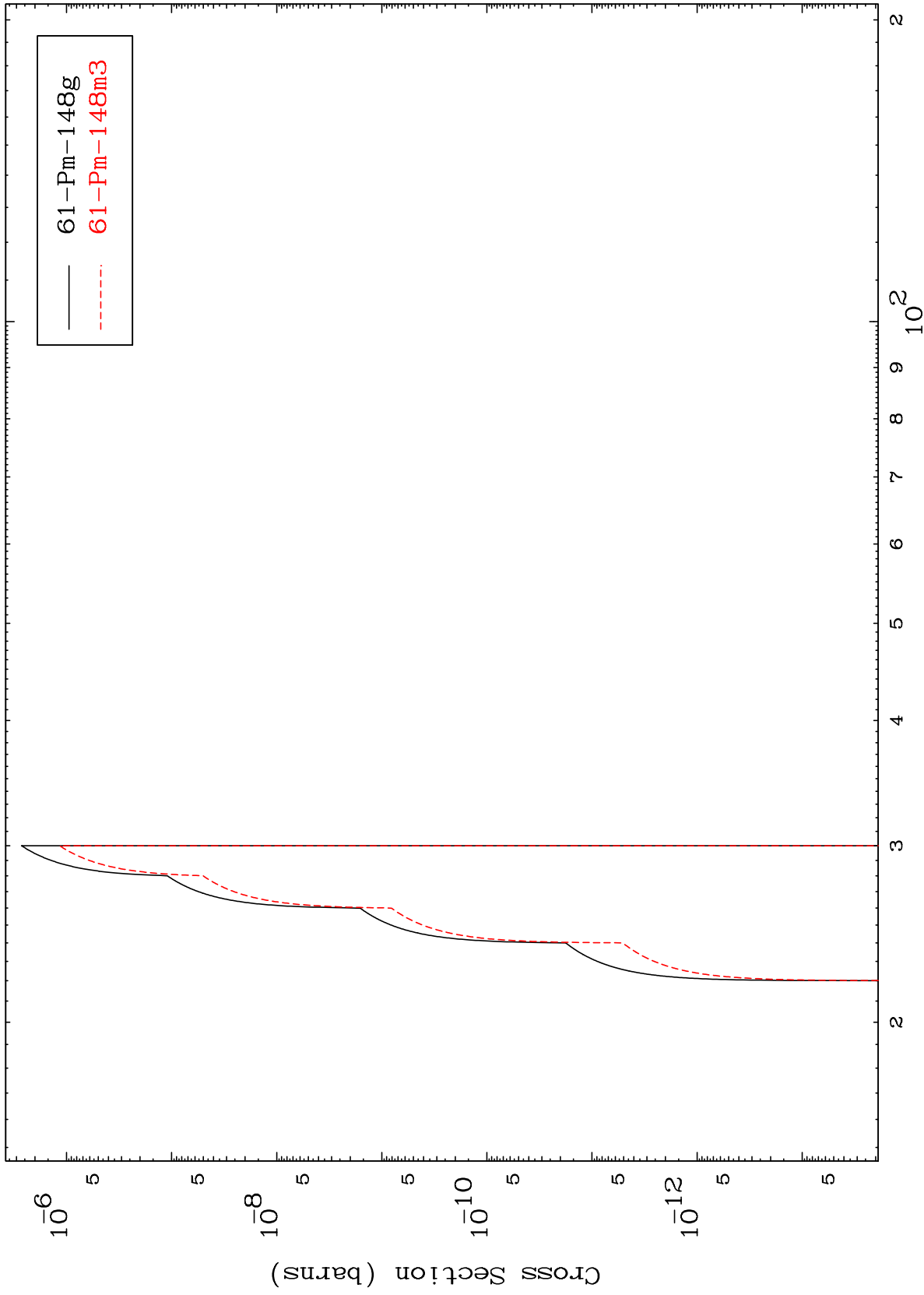
61-Pm-147

MAT 6149

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

61-Pm-147

Radionuclide Production Cross Section



13

Incident Energy (MeV)

61-Pm-147