

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

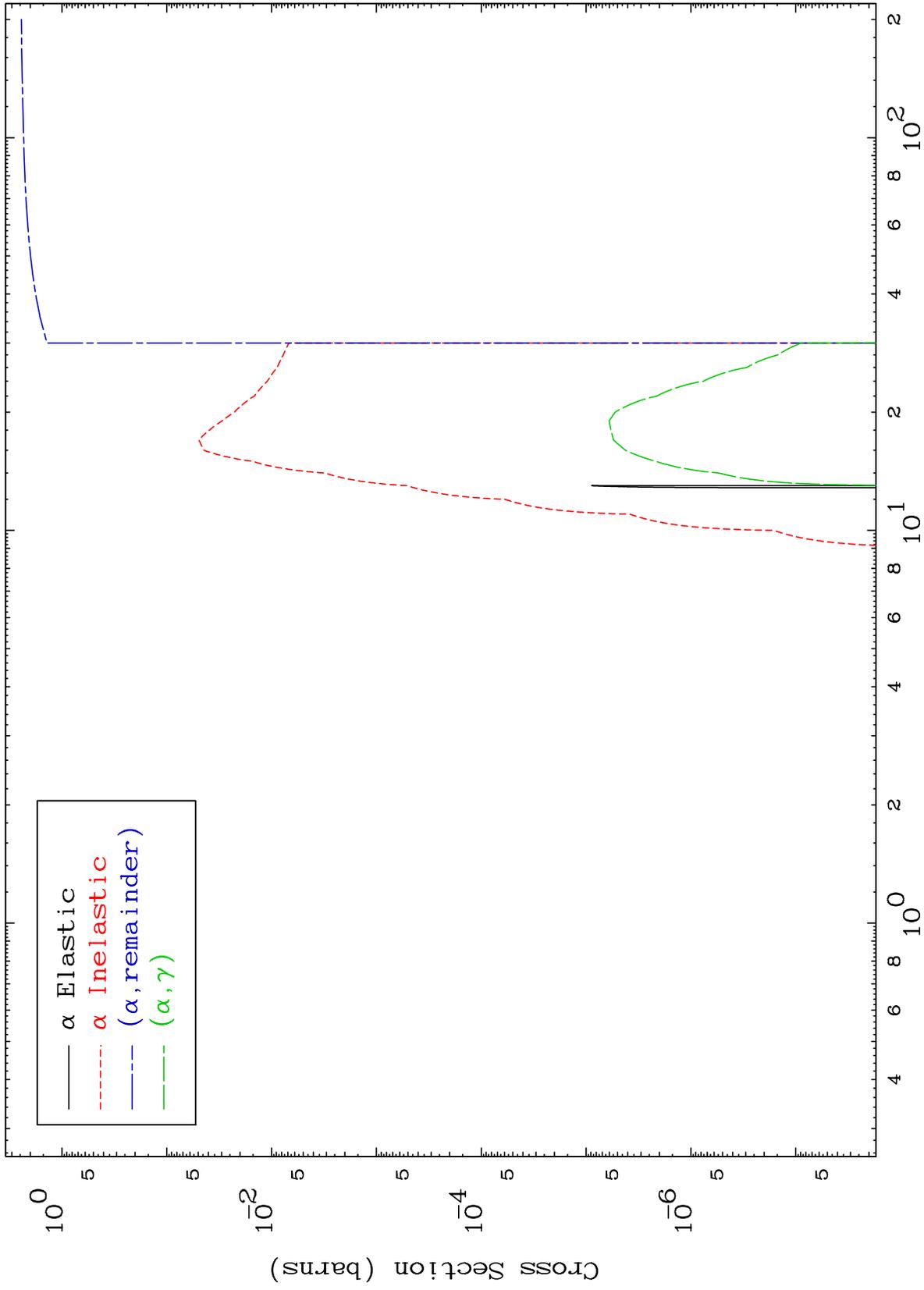
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6155

0 Kelvin α Major
Cross Sections

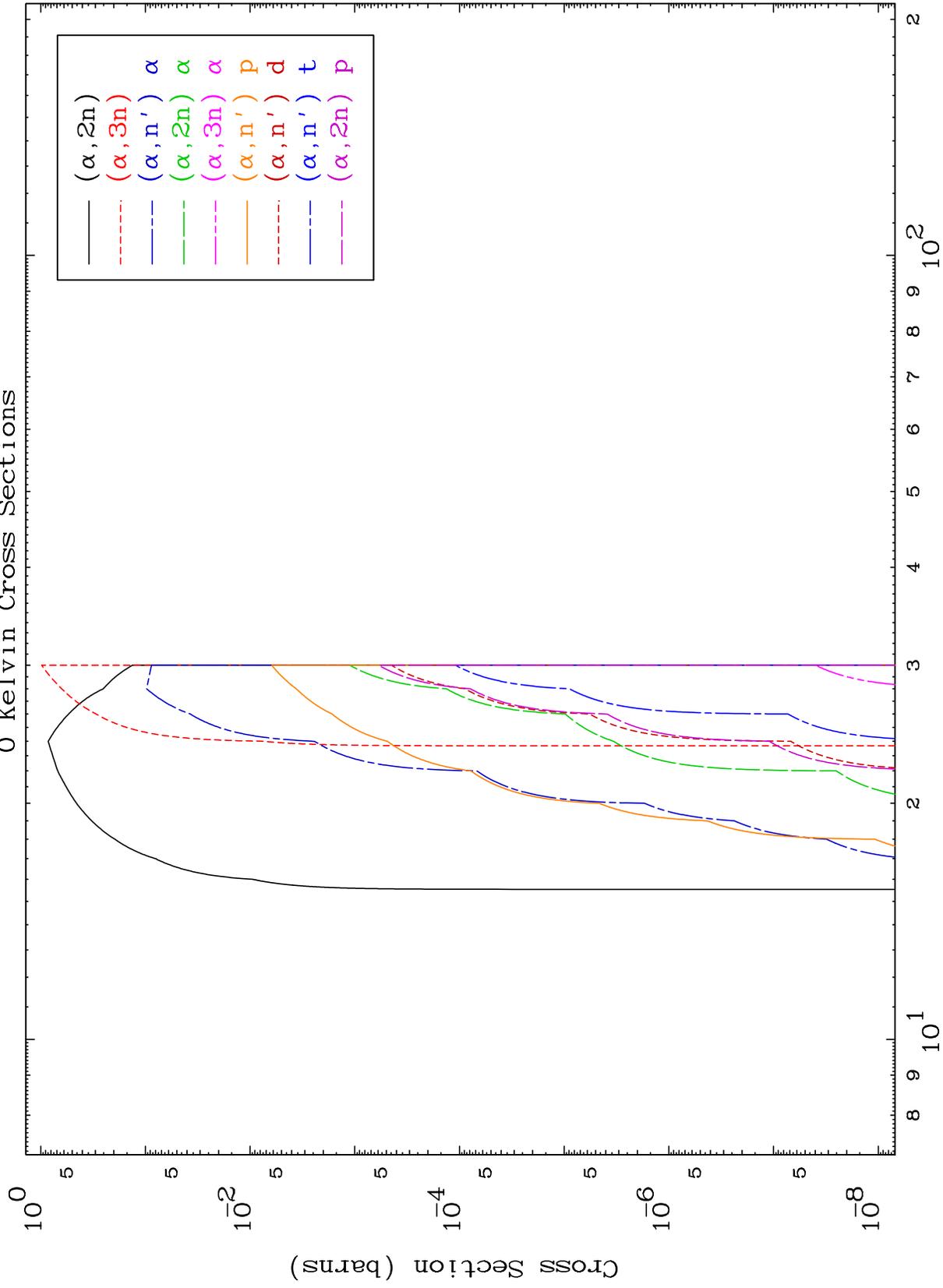
61-Pm-149



MAT 6155

α Neutron Production
0 Kelvin Cross Sections

61-Pm-149



2

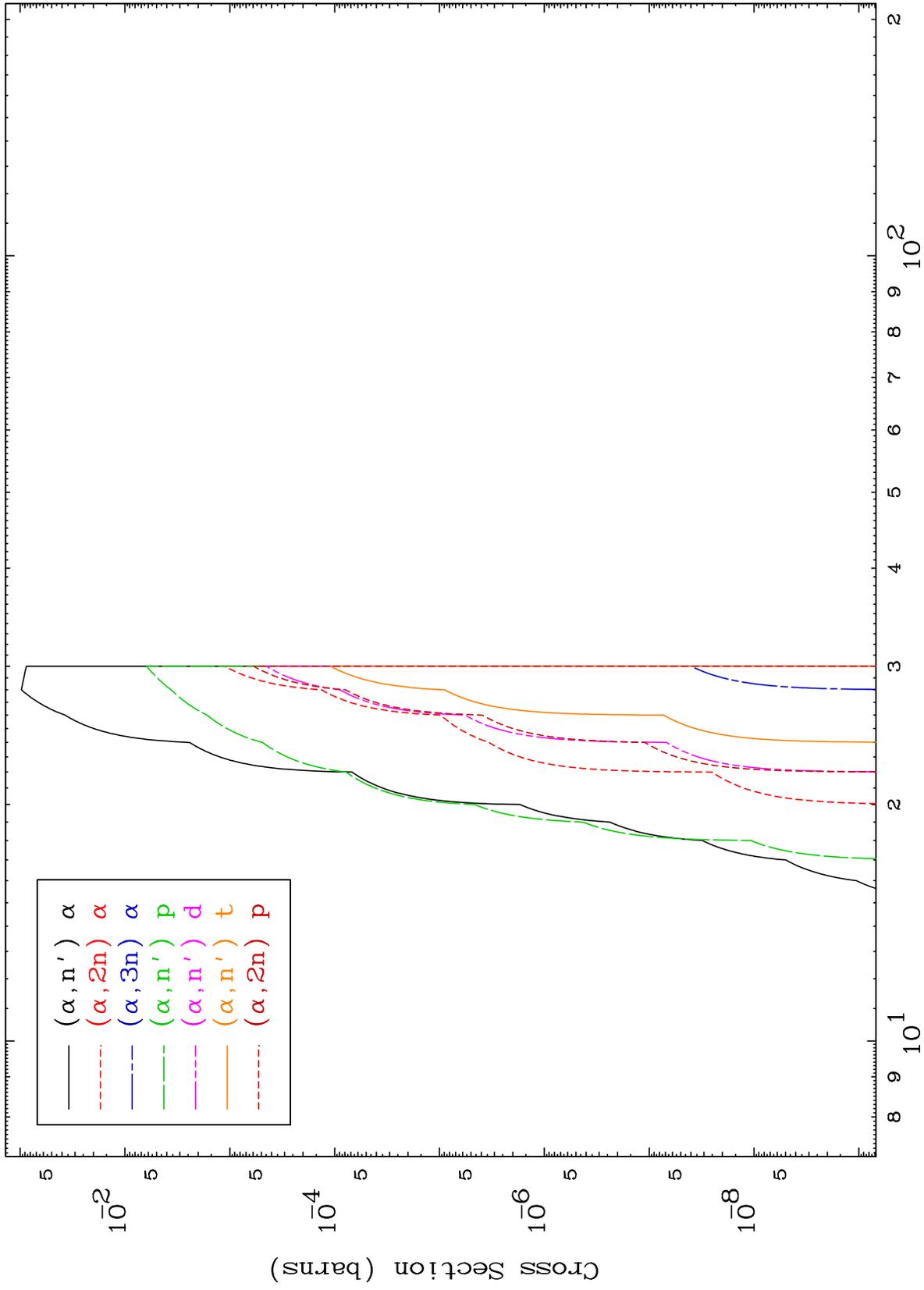
Incident Energy (MeV)

61-Pm-149

MAT 6155

α Charged Particle
0 Kelvin Cross Sections

61-Pm-149



3

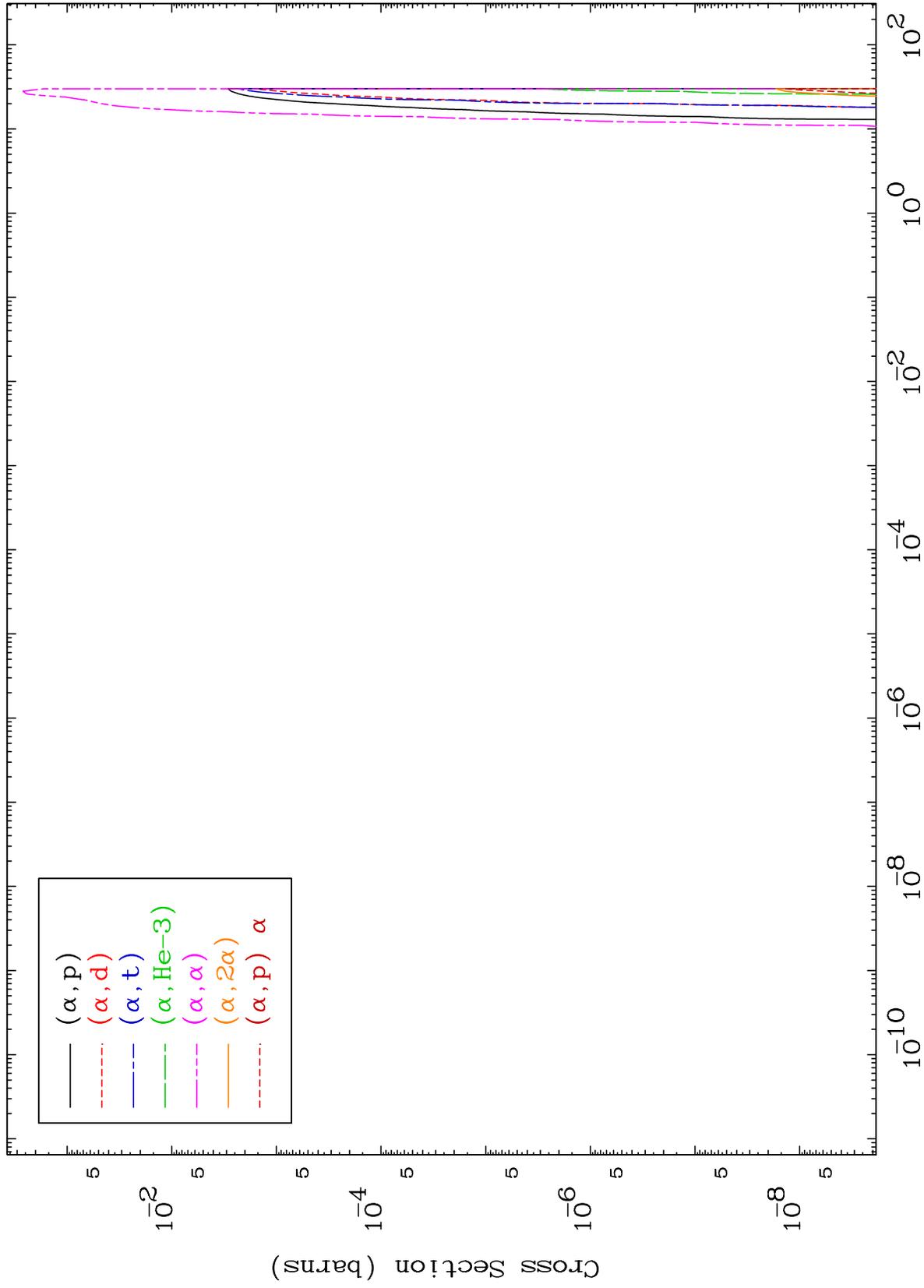
Incident Energy (MeV)

61-Pm-149

MAT 6155

α Charged Particle
0 Kelvin Cross Sections

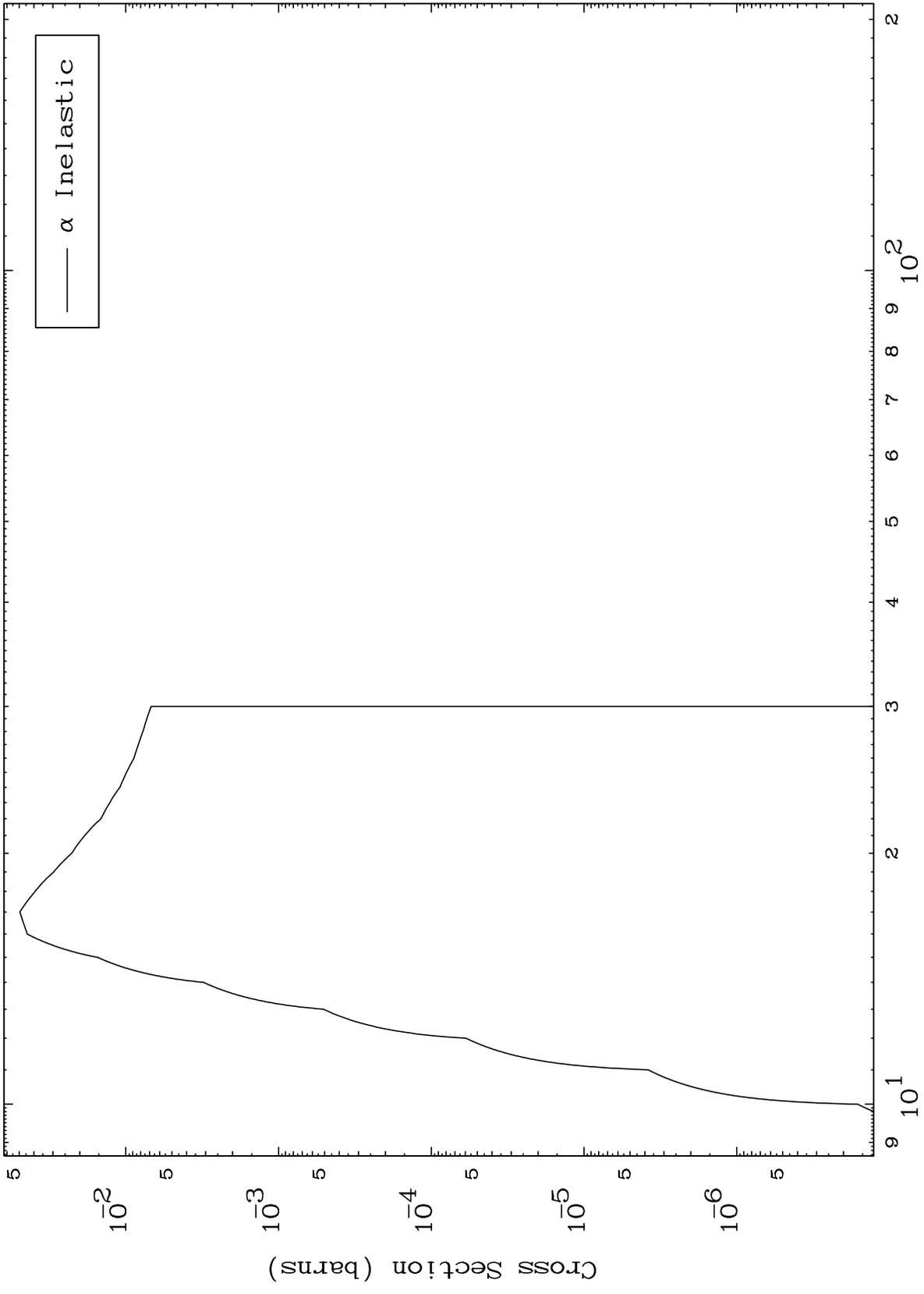
61-Pm-149



MAT 6155

(α, n') Level
0 Kelvin Cross Sections

61-Pm-149



61-Pm-149

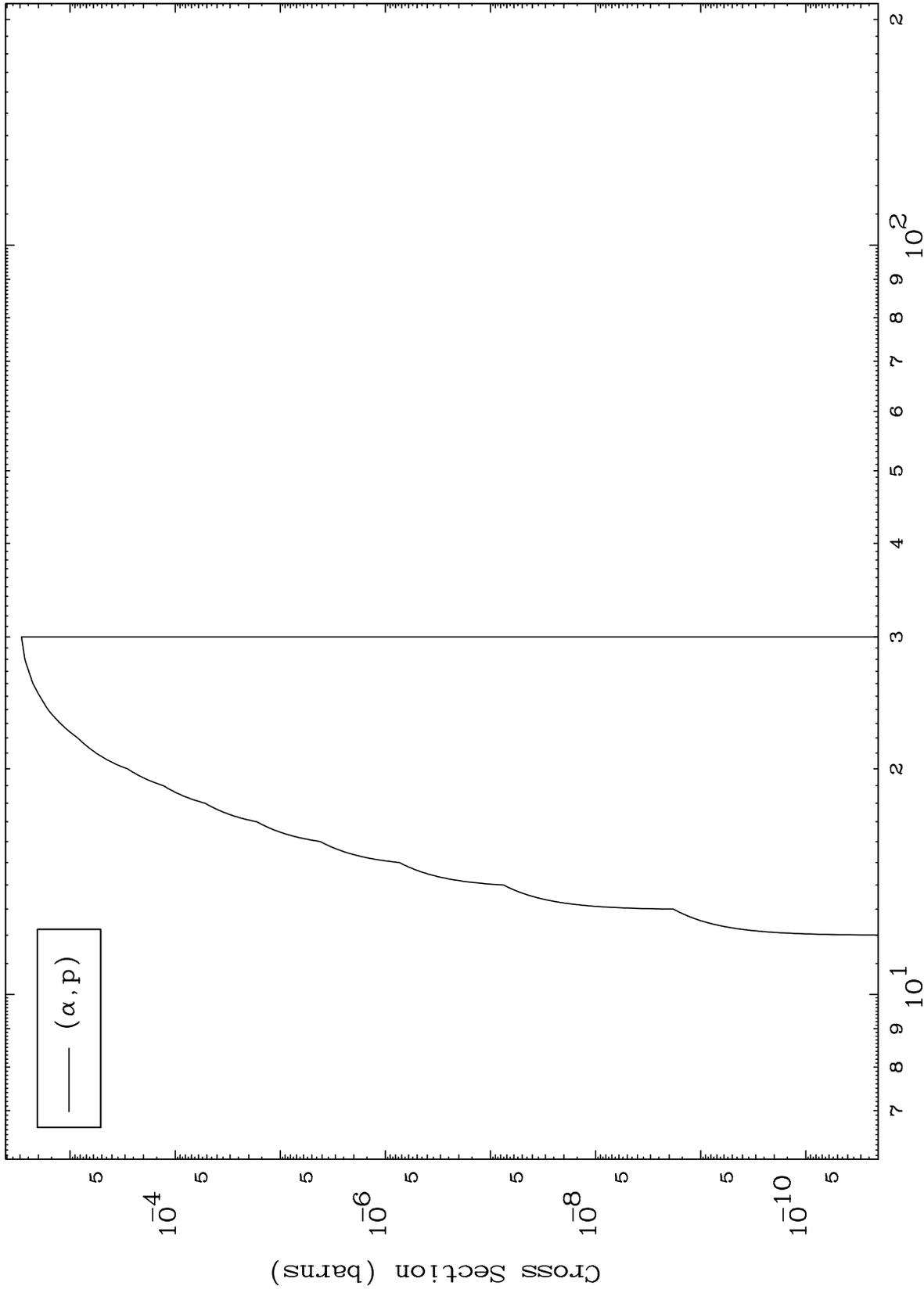
Incident Energy (MeV)

5

MAT 6155

(α, p) Levels
0 Kelvin Cross Sections

61-Pm-149



6

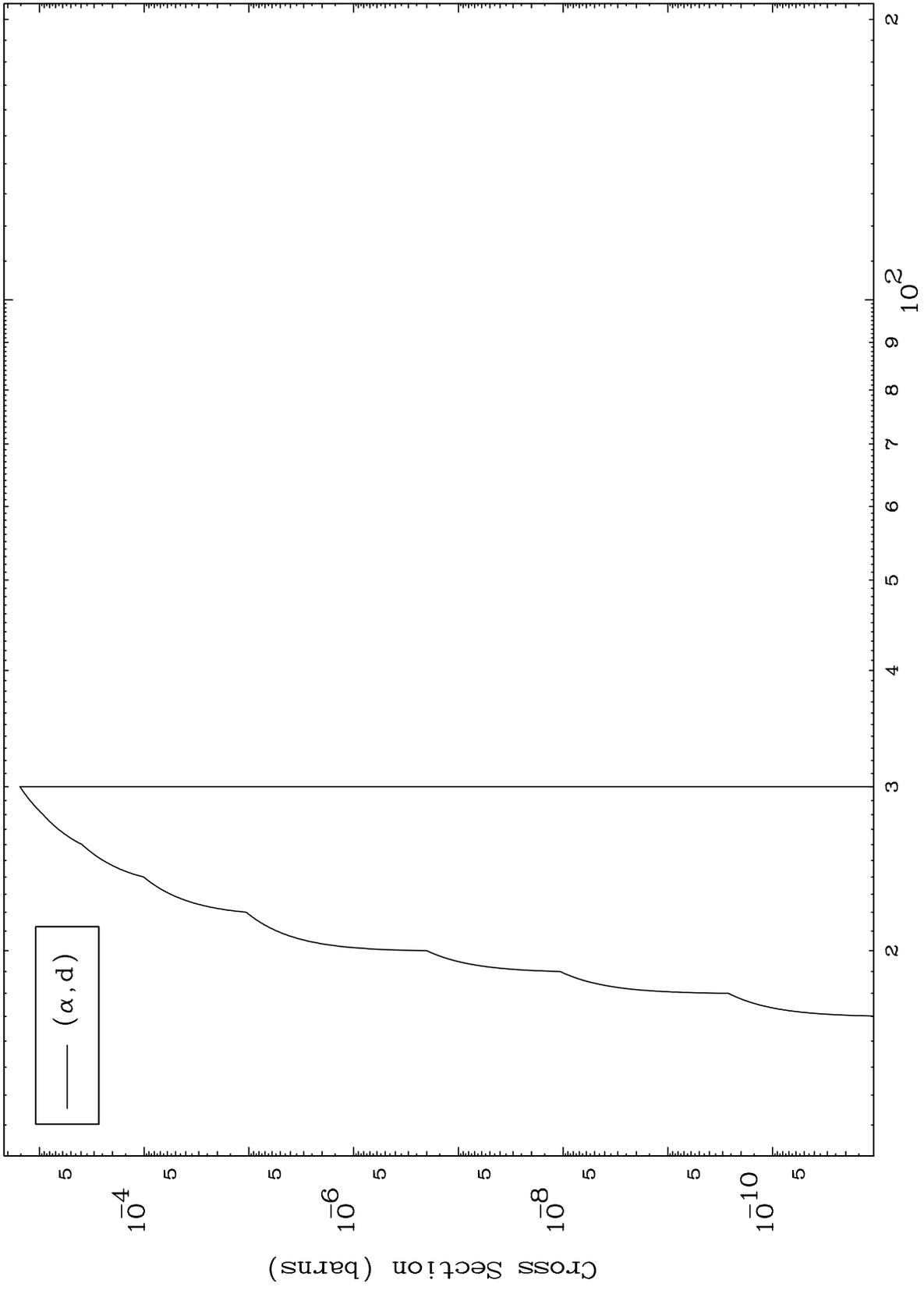
Incident Energy (MeV)

61-Pm-149

MAT 6155

(α, d) Levels
0 Kelvin Cross Sections

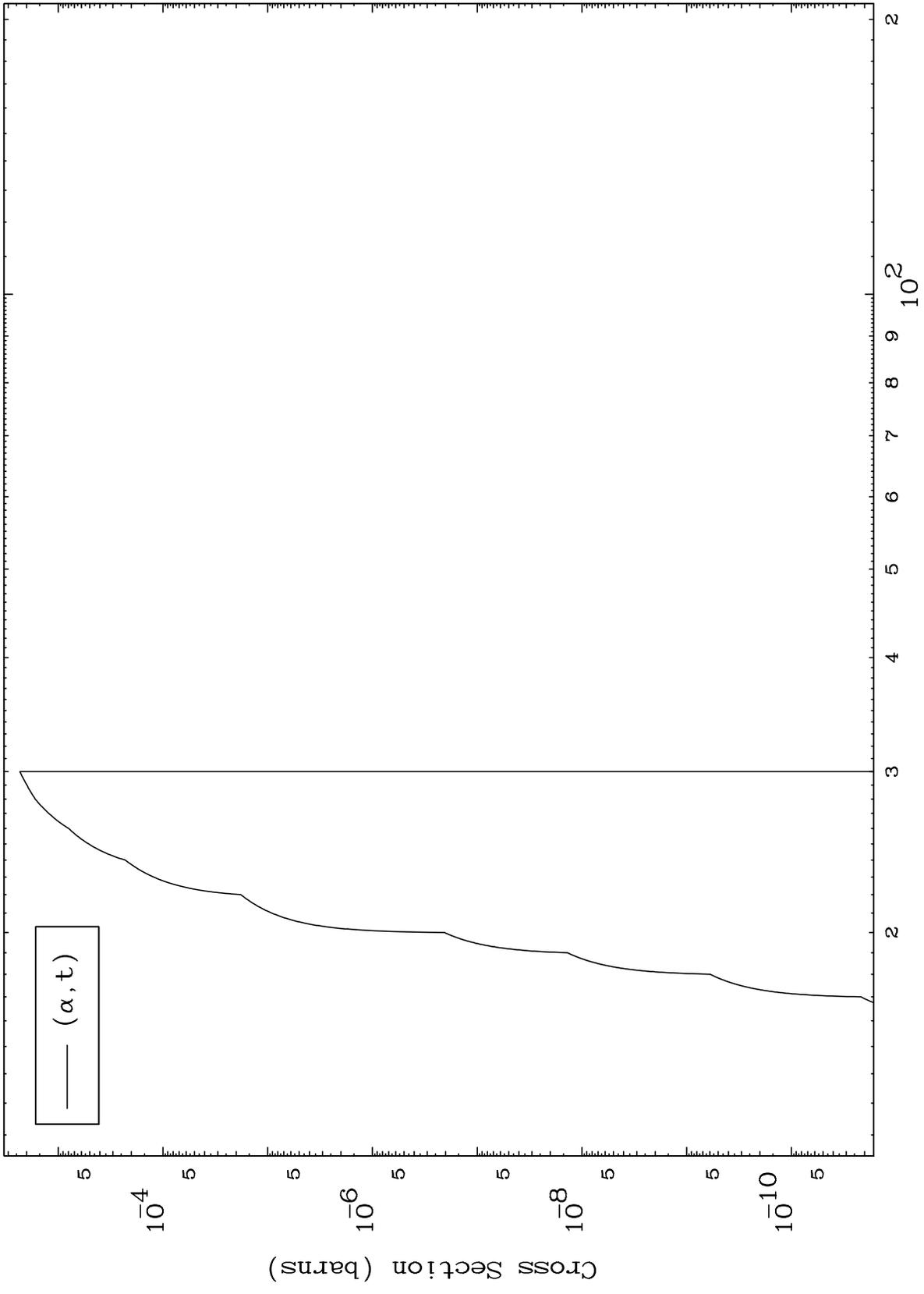
61-Pm-149

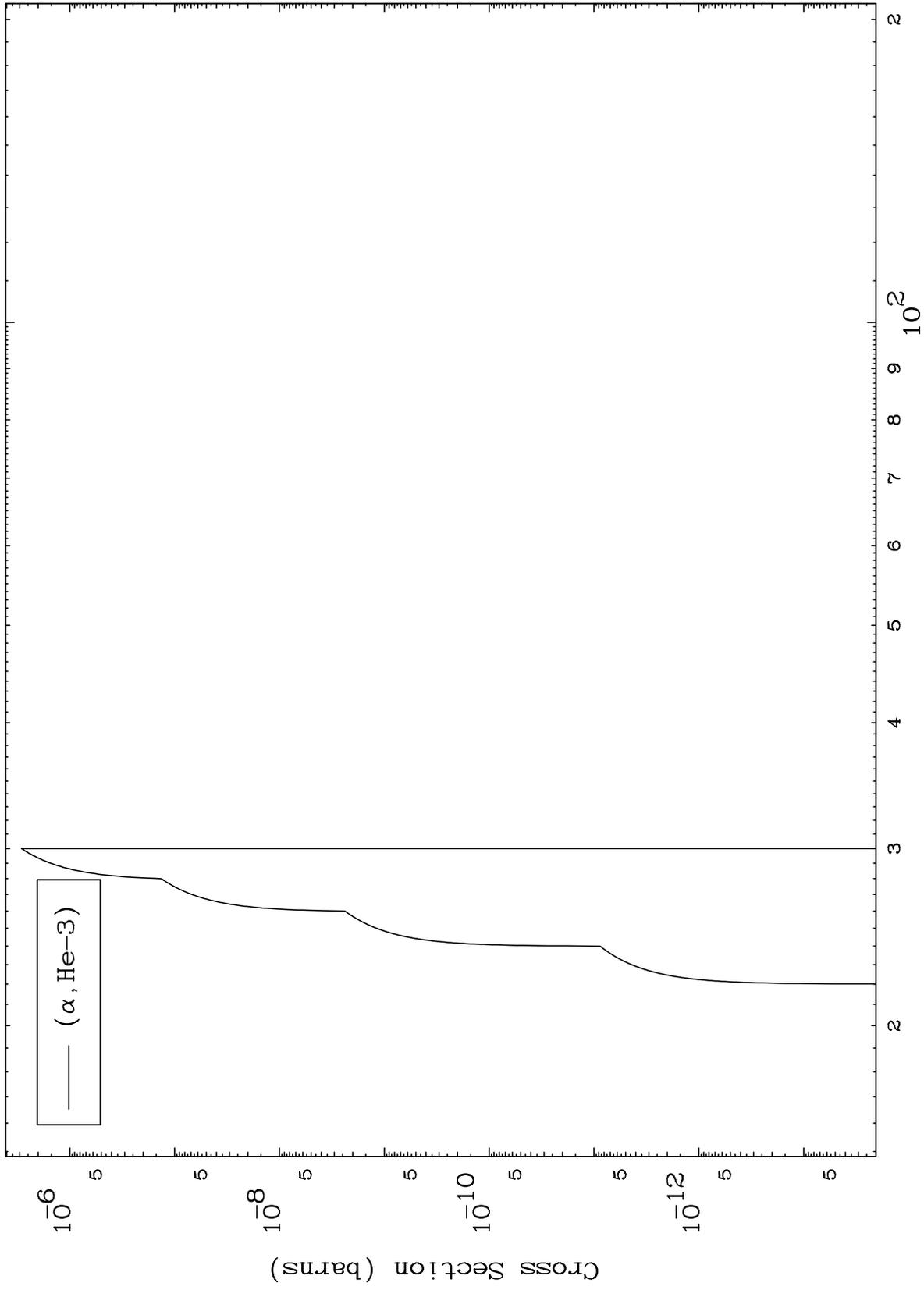


7

Incident Energy (MeV)

61-Pm-149

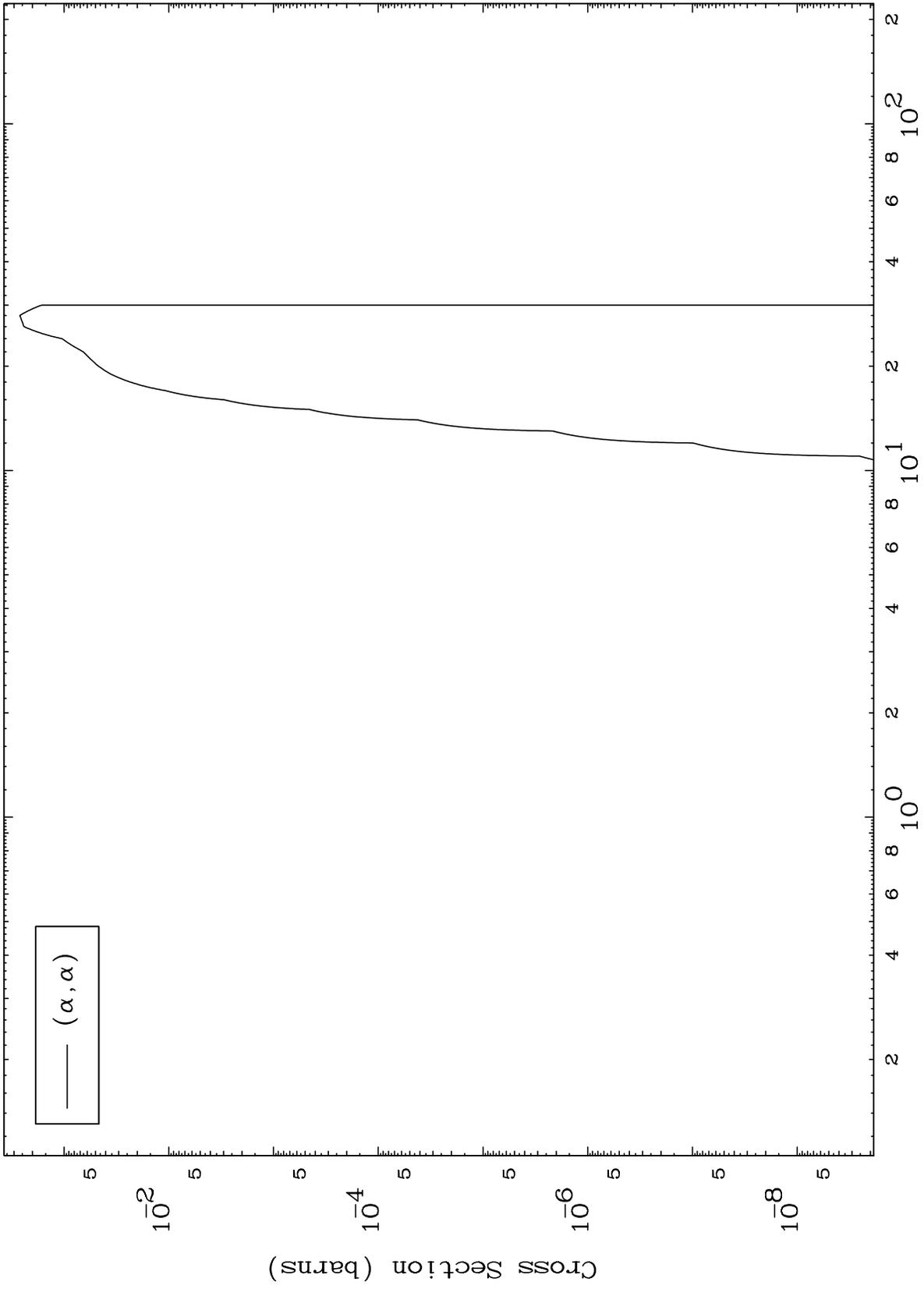




MAT 6155

(α, α) Levels
0 Kelvin Cross Sections

61-Pm-149



10

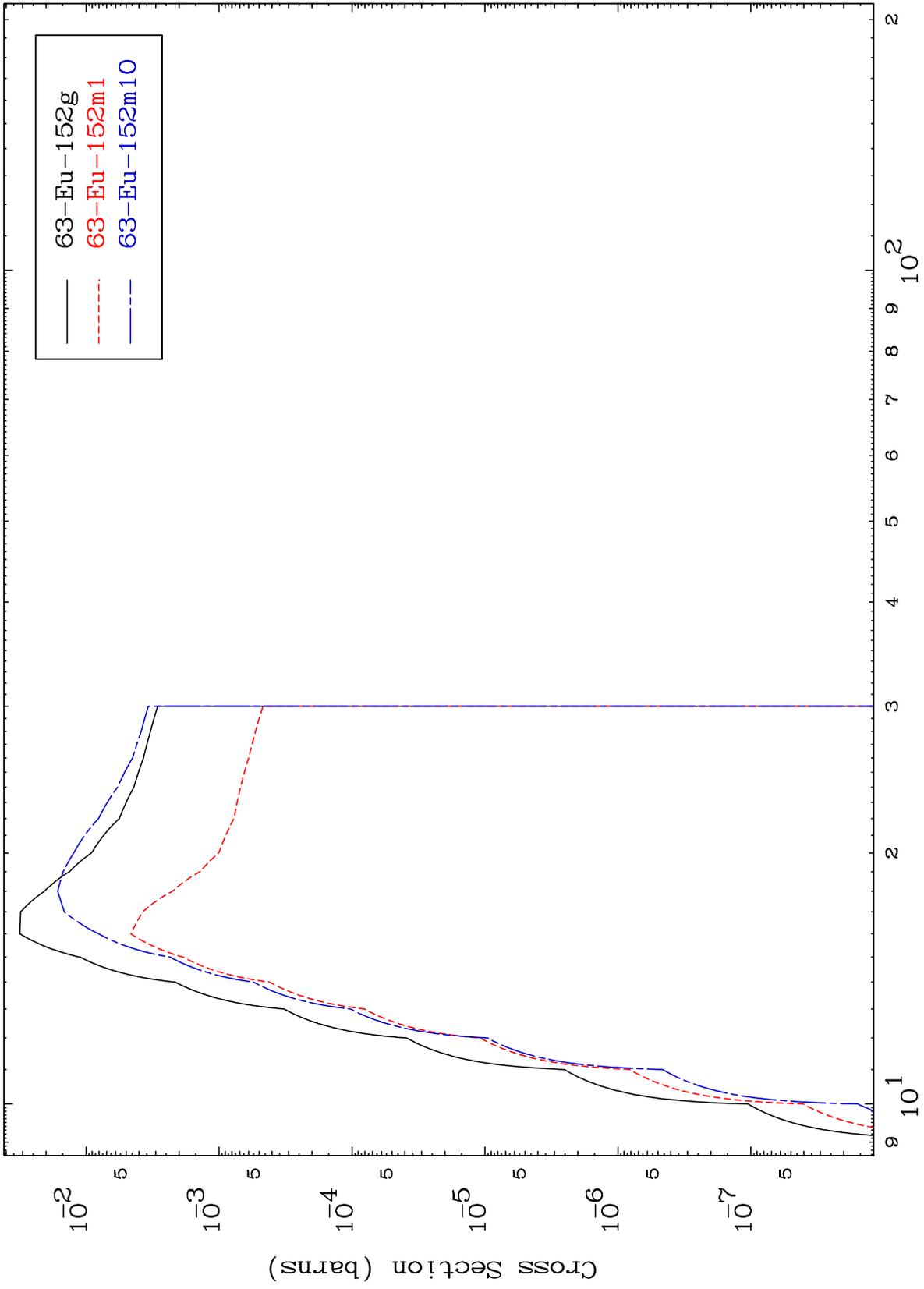
Incident Energy (MeV)

61-Pm-149

MAT 6155

Radionuclide Production Cross Section
 α Inelastic

61-Pm-149



11

Incident Energy (MeV)

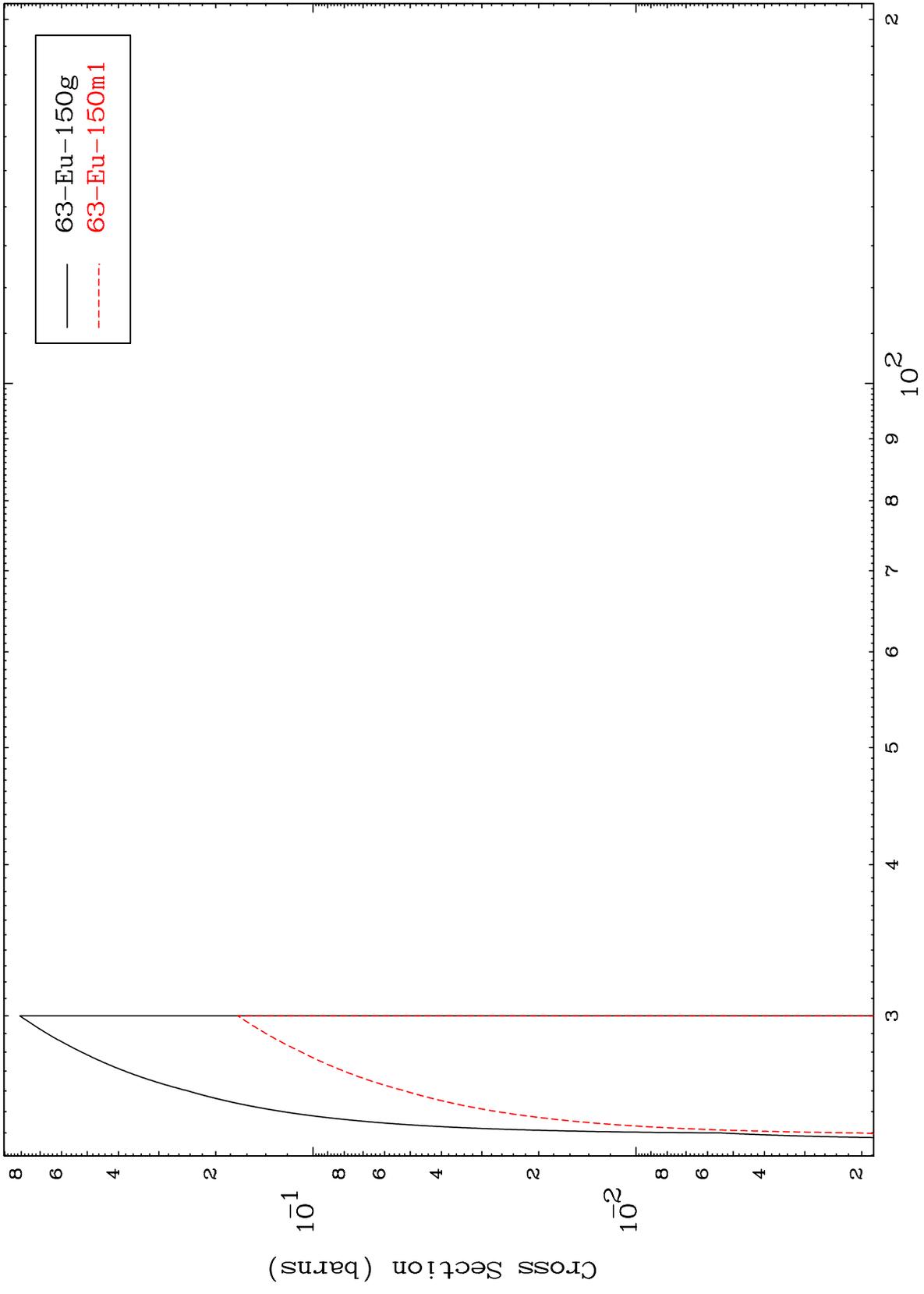
61-Pm-149

MAT 6155

($\alpha, 3n$)

61-Pm-149

Radionuclide Production Cross Section



12

Incident Energy (MeV)

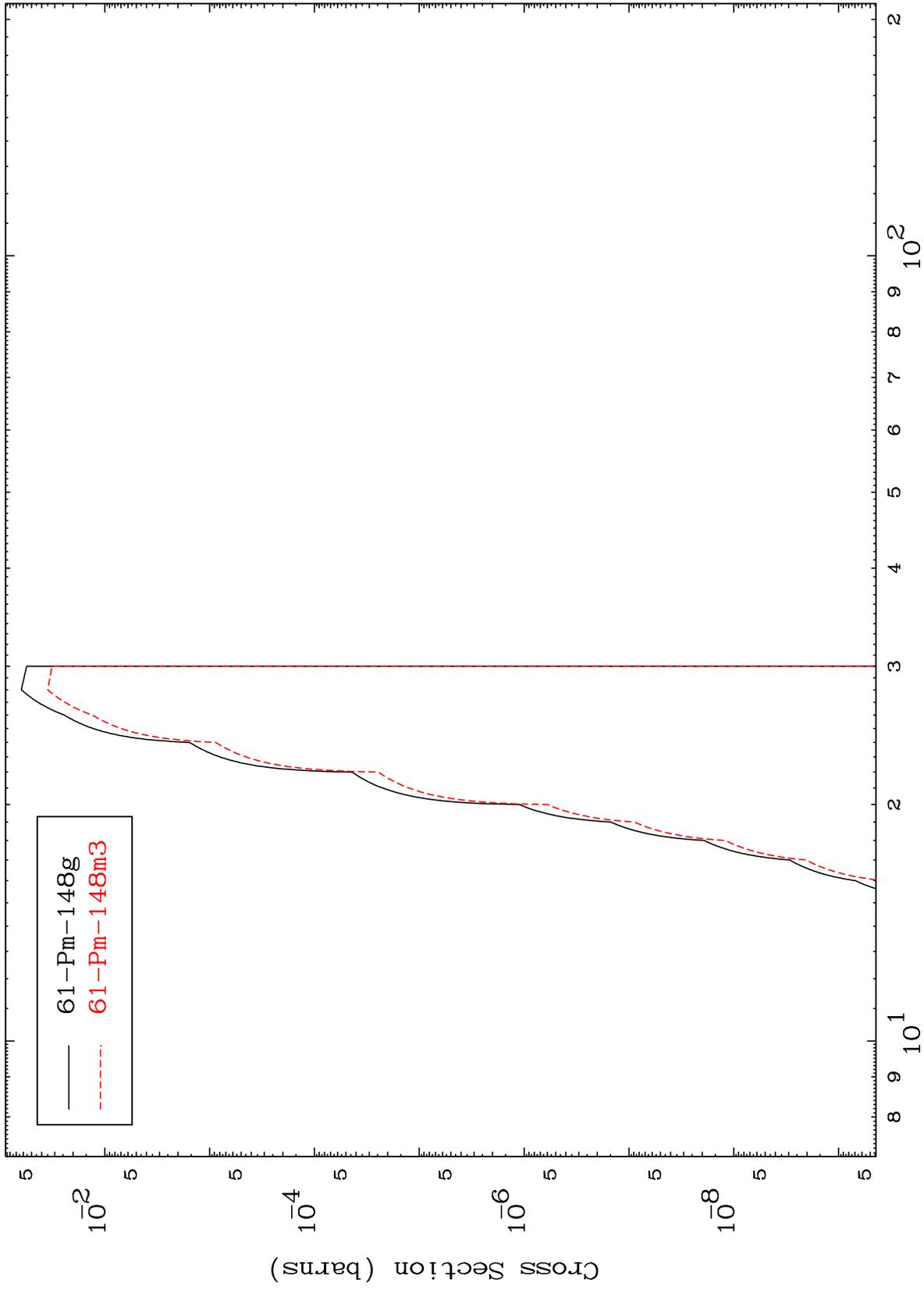
61-Pm-149

MAT 6155

(α, n') α

61-Pm-149

Radionuclide Production Cross Section



13

61-Pm-149