

Program EVALPLOT
(Version 2021-1)

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

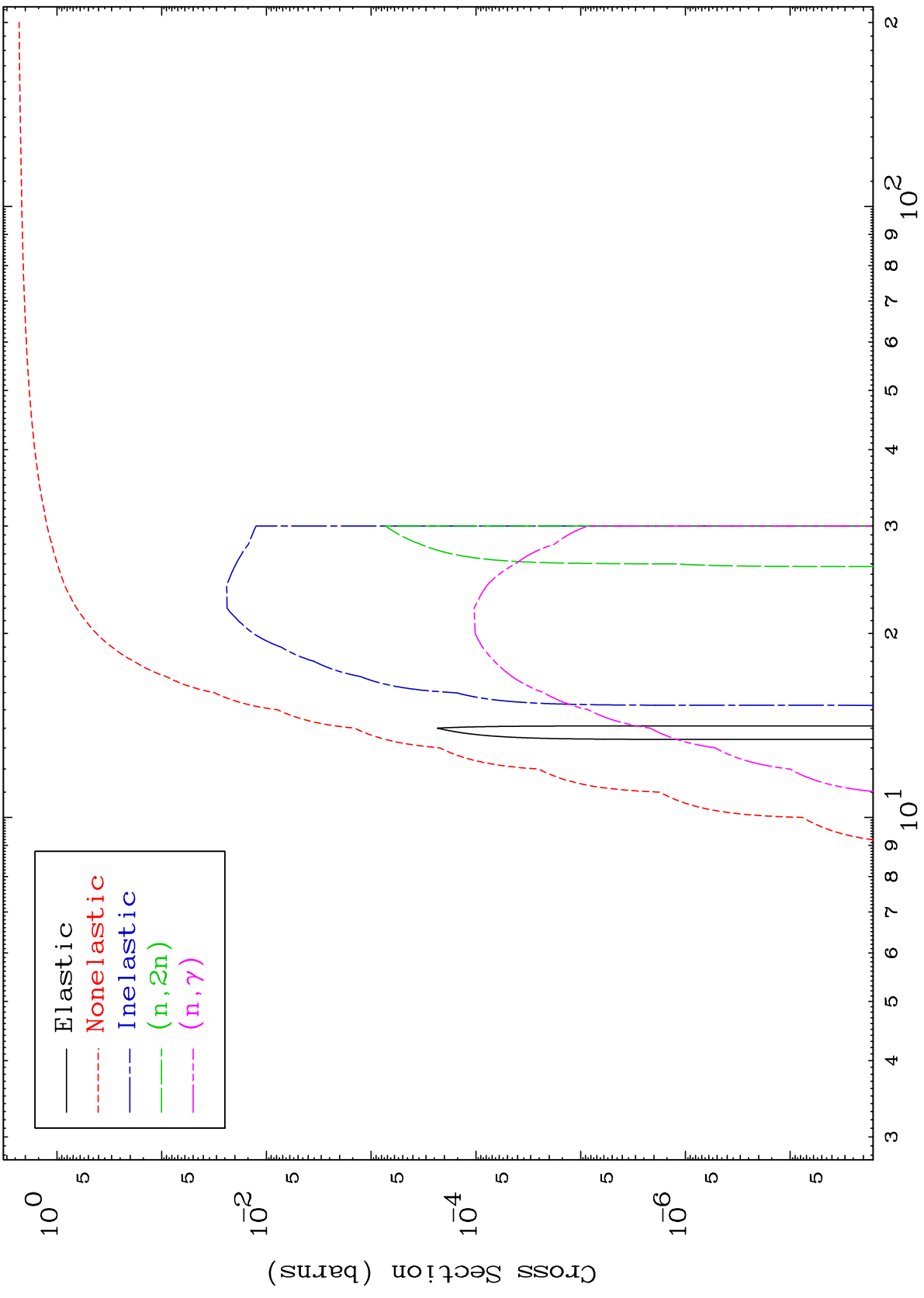
Press Mouse Button to Start

MAT 6107

α Major

61-Pm-133

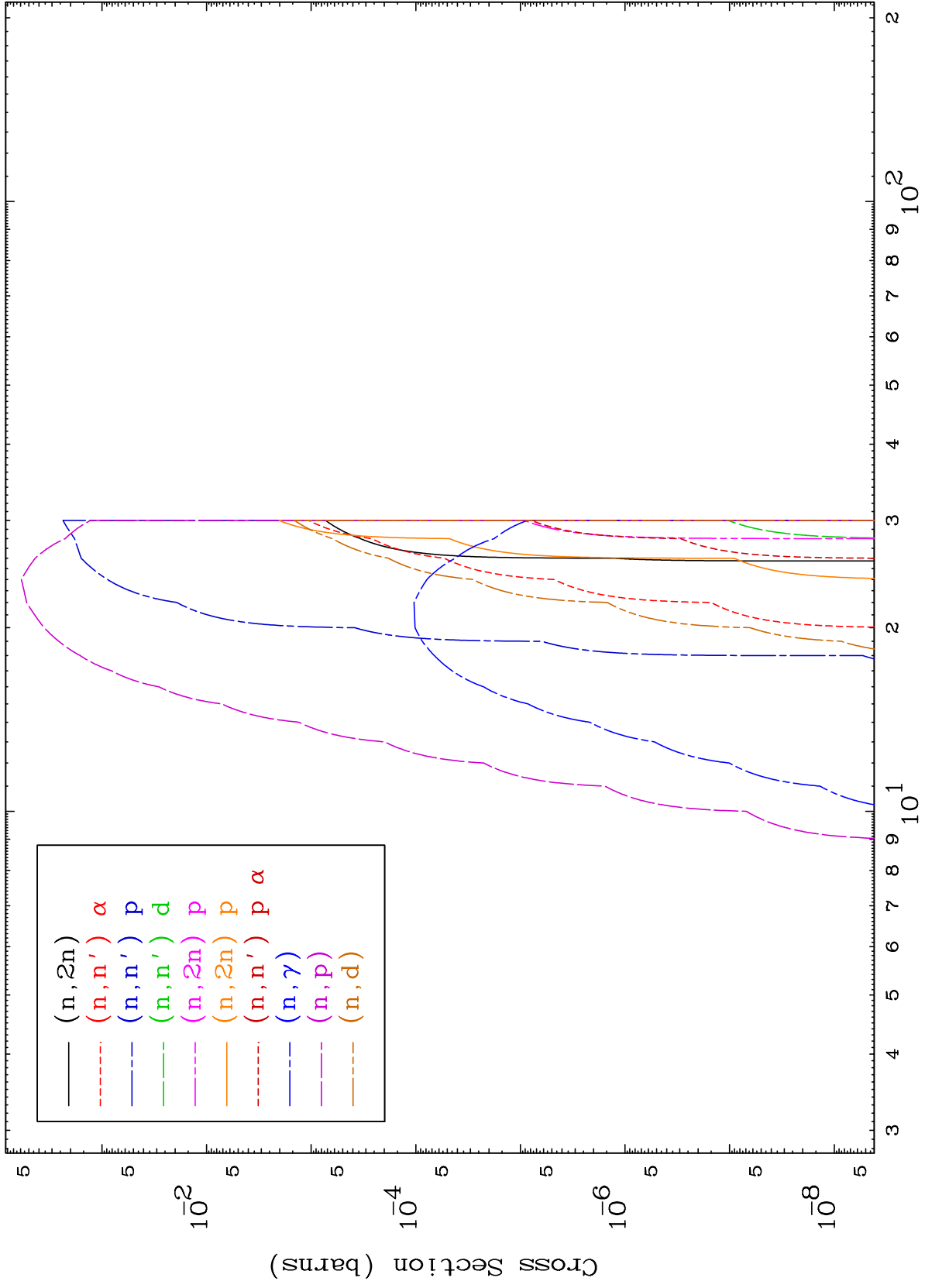
0 Kelvin Cross Sections



1

Incident Energy (MeV)

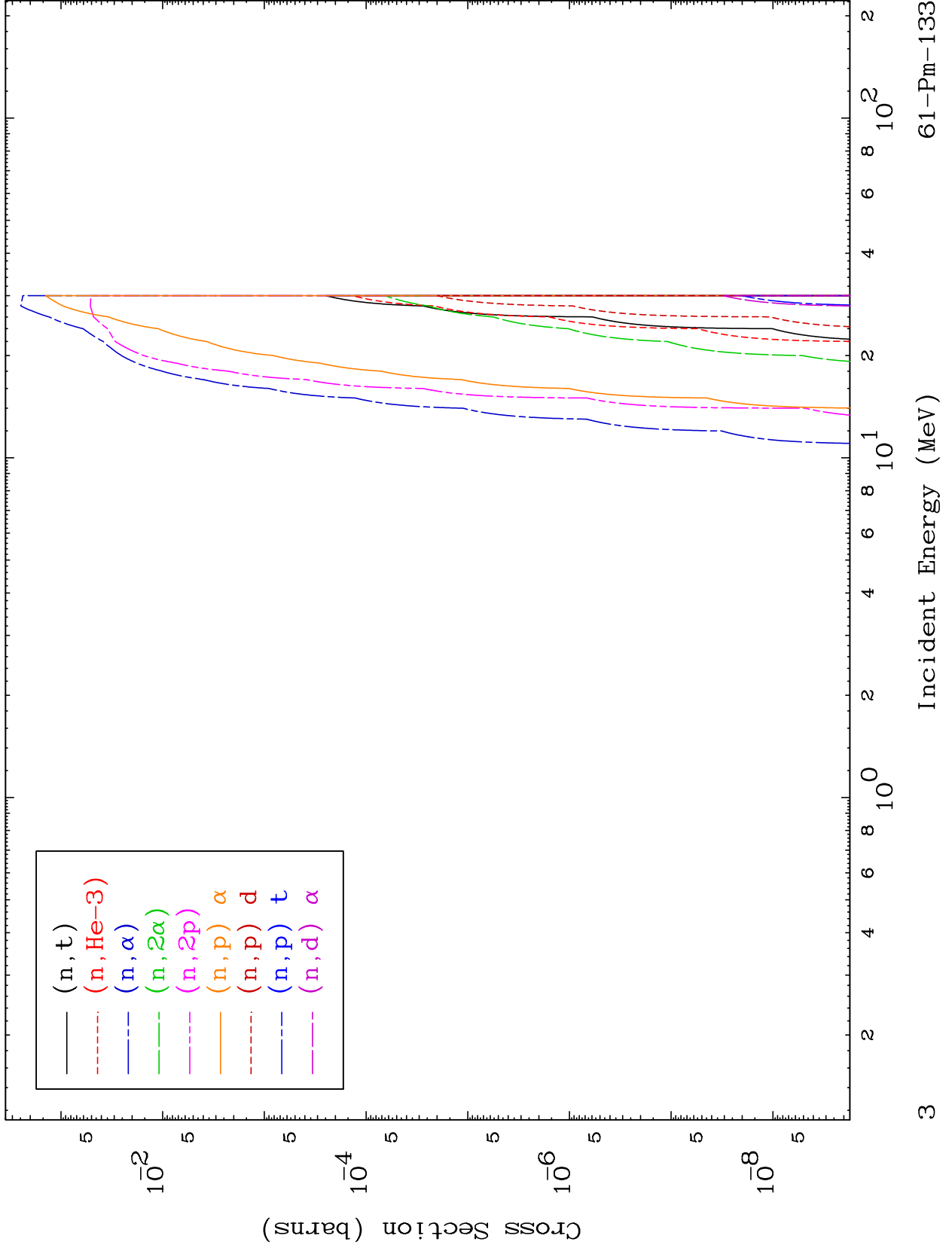
61-Pm-133

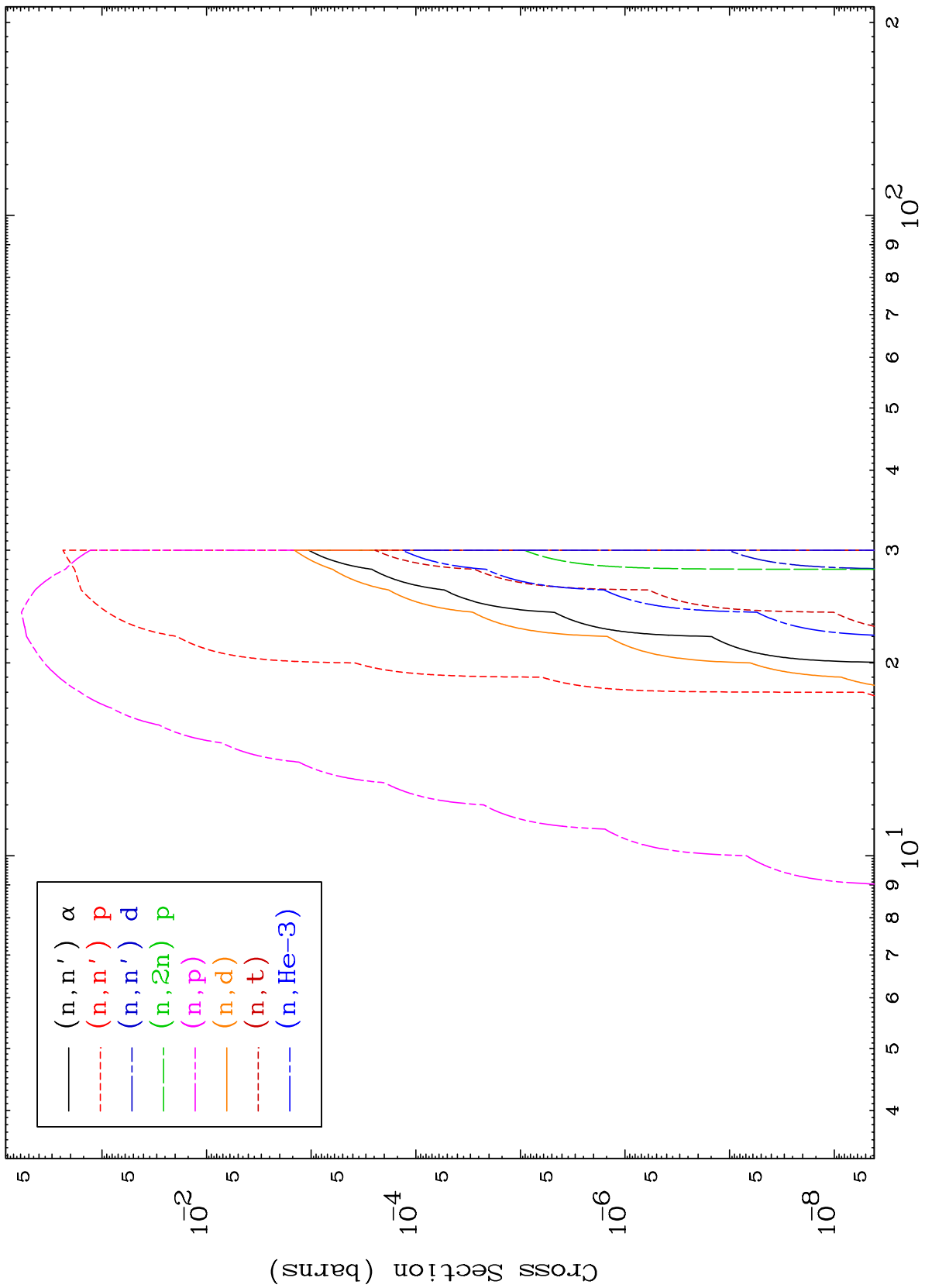


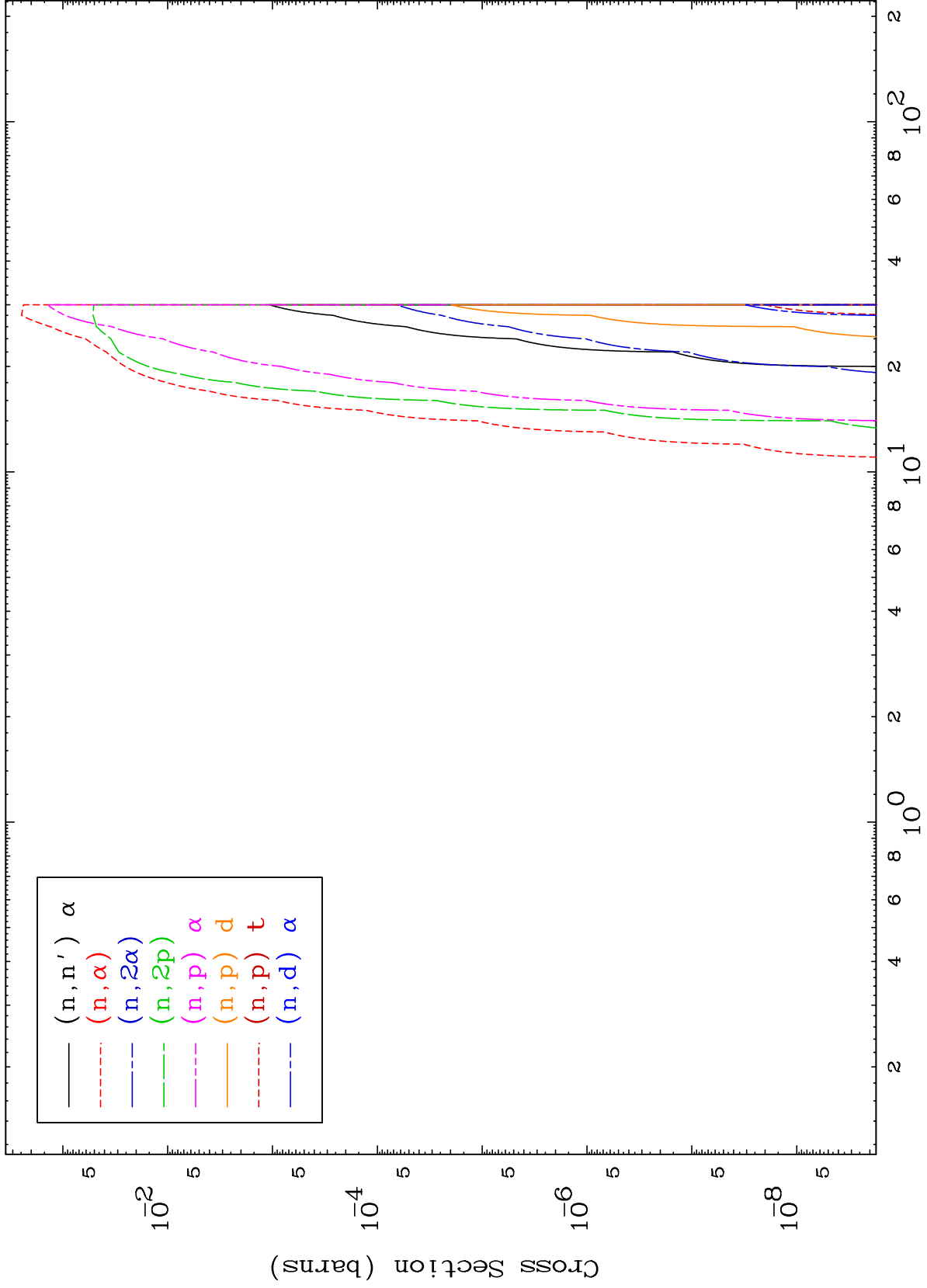
MAT 6107

α Neutron Absorption
0 Kelvin Cross Sections

61-Pm-133



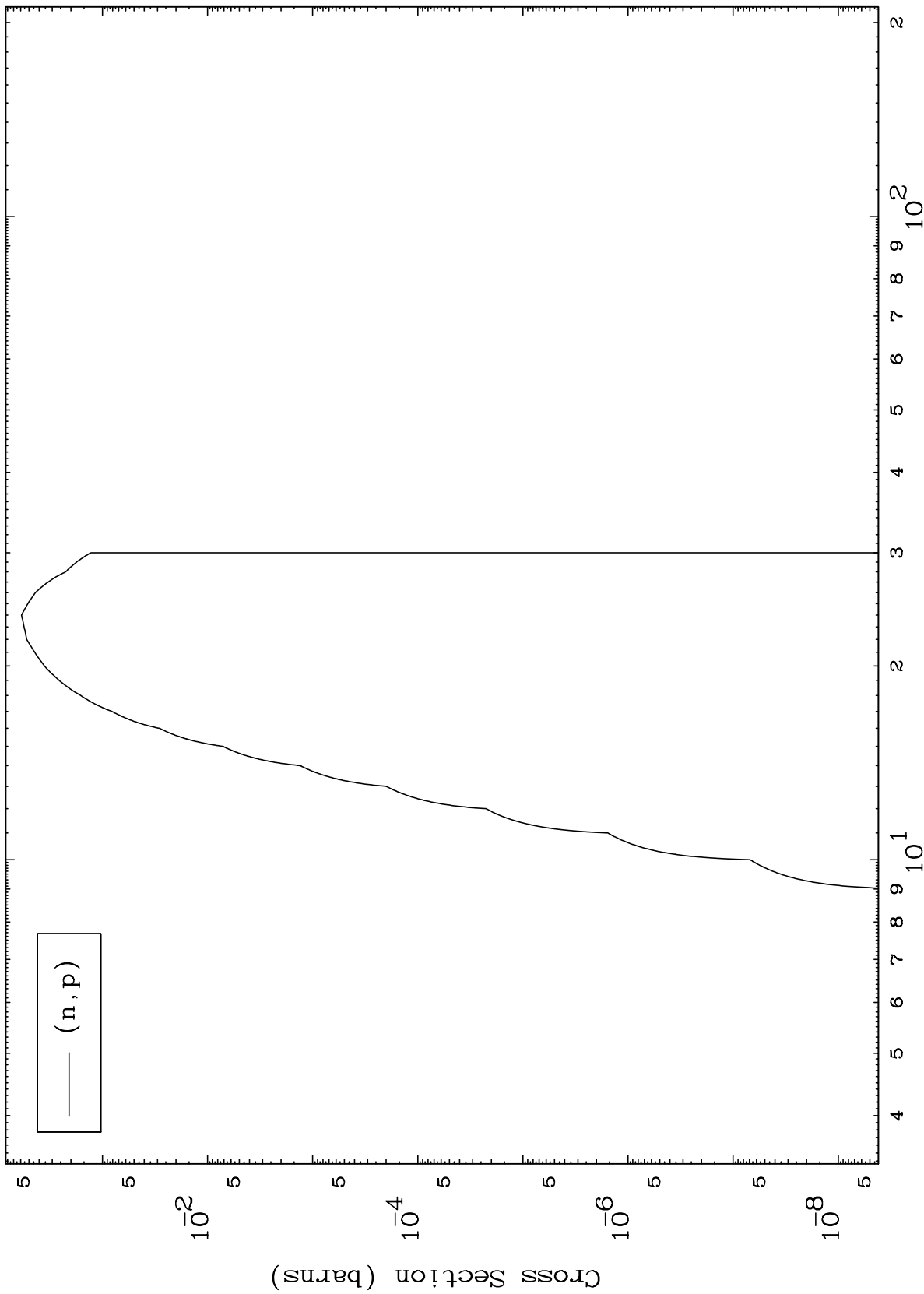




MAT 6107

61-Pm-133

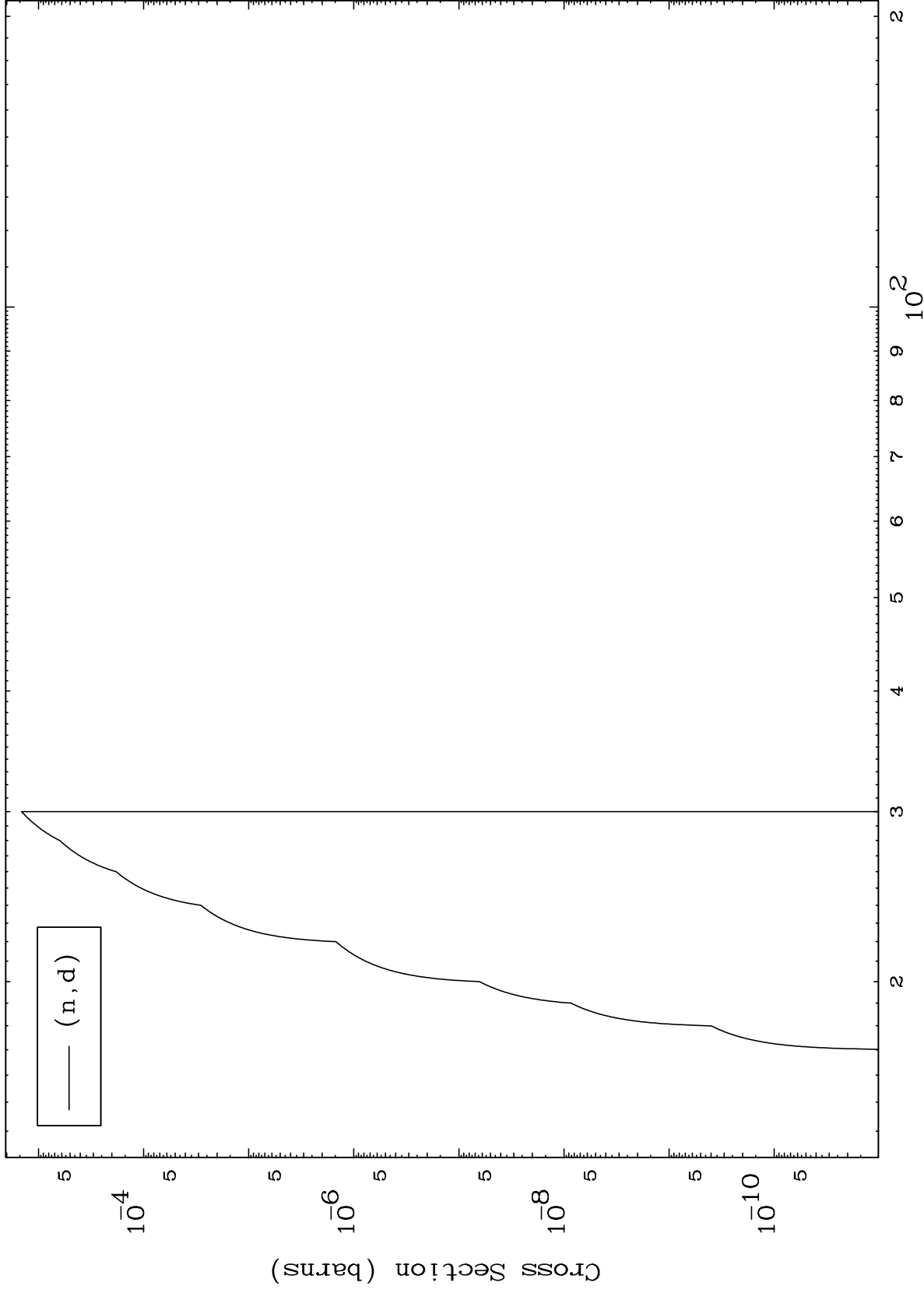
(α, p) Levels
0 Kelvin Cross Sections



61-Pm-133

Incident Energy (MeV)

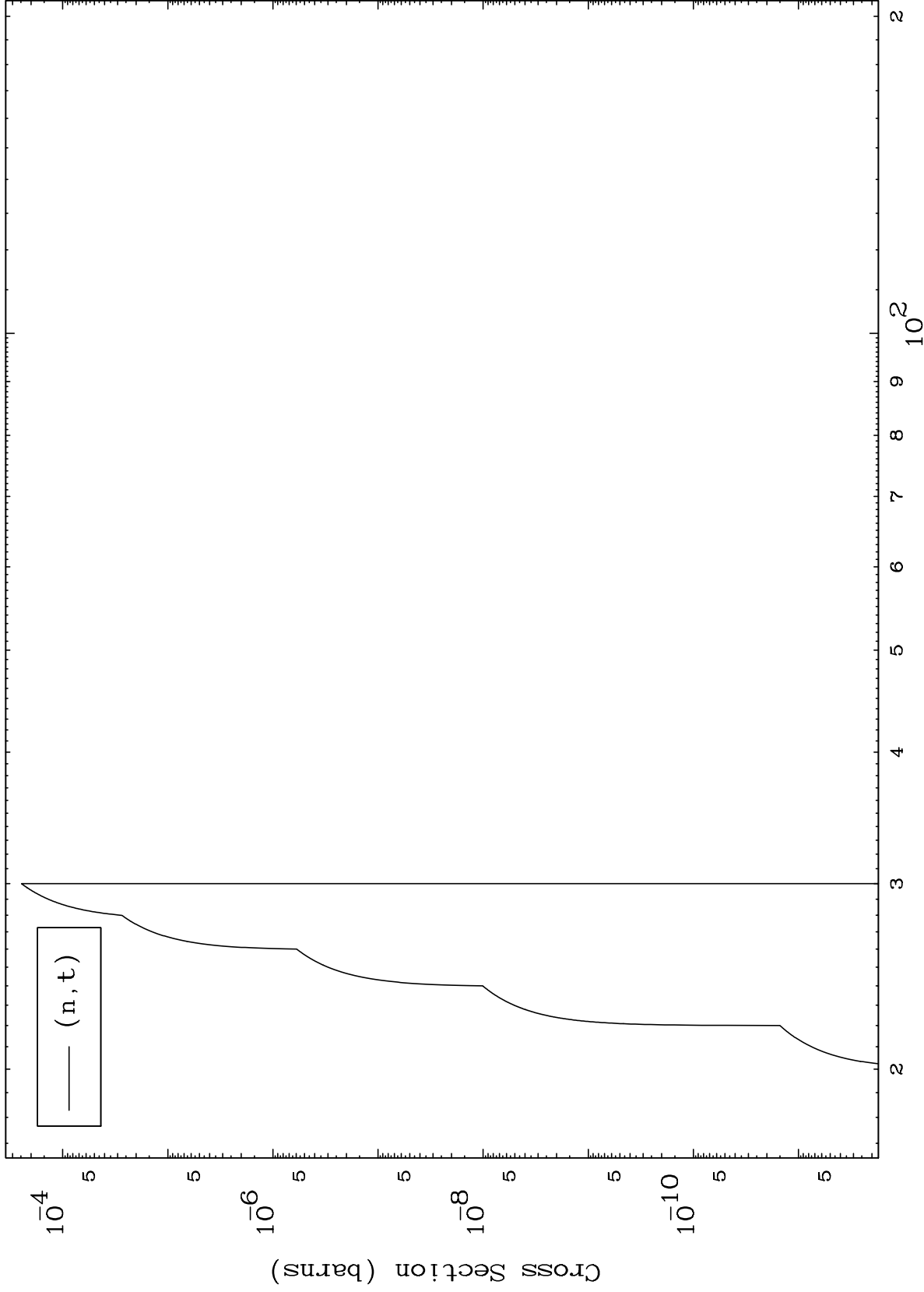
6



MAT 6107

(α, t) Levels
0 Kelvin Cross Sections

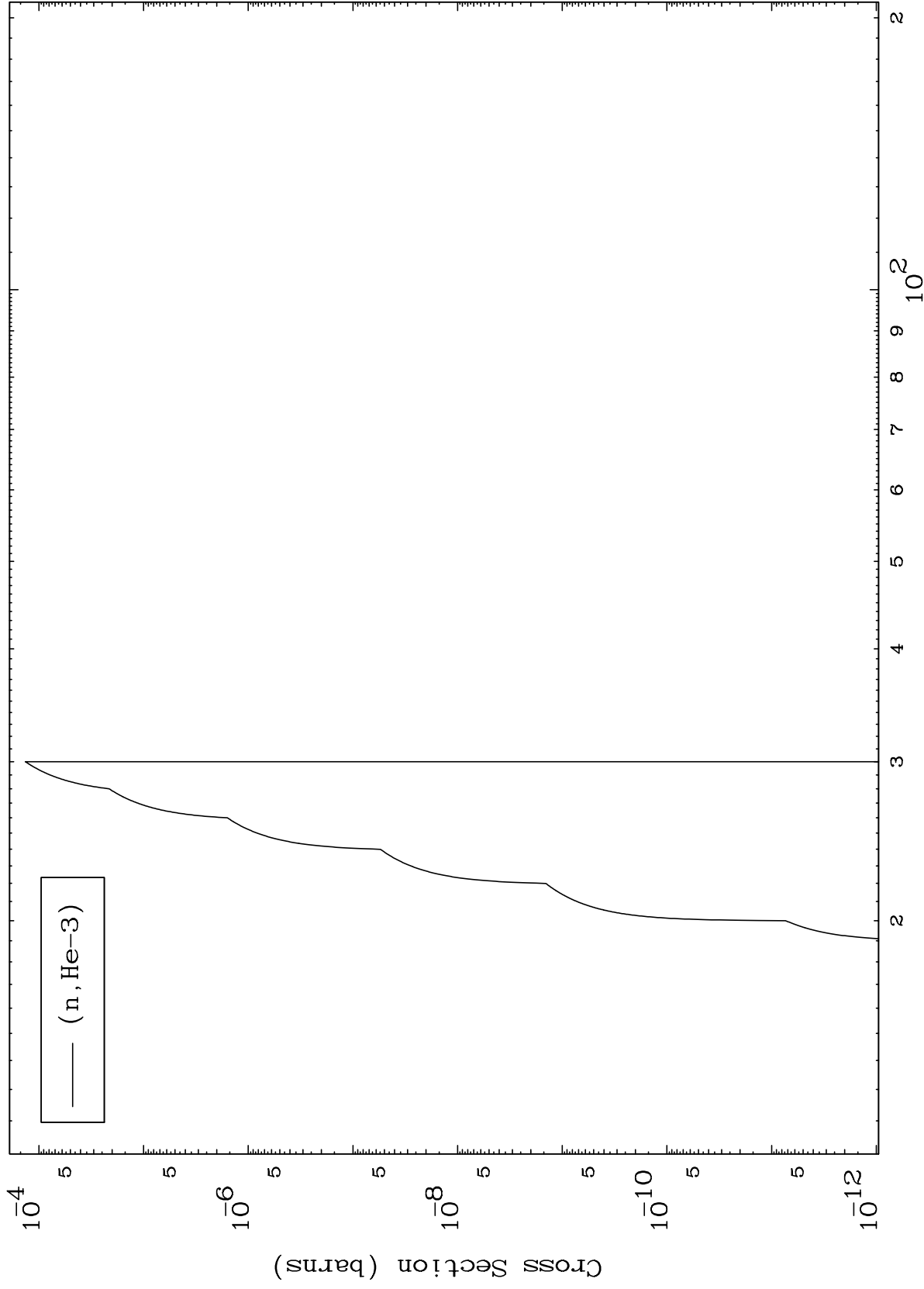
61-Pm-133



8

Incident Energy (MeV)

61-Pm-133

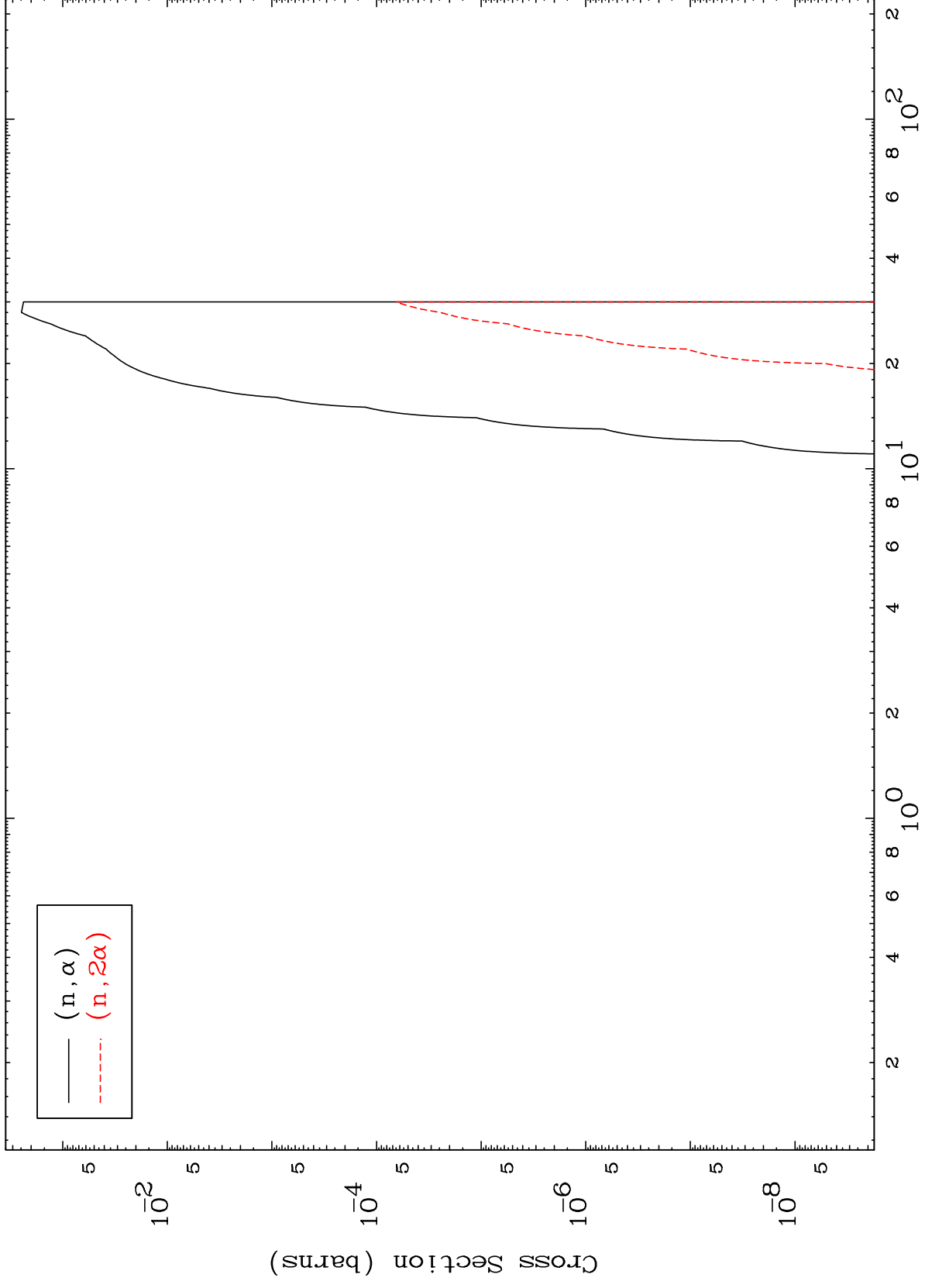


MAT 6107

(α, α) Levels

61-Pm-133

0 Kelvin Cross Sections



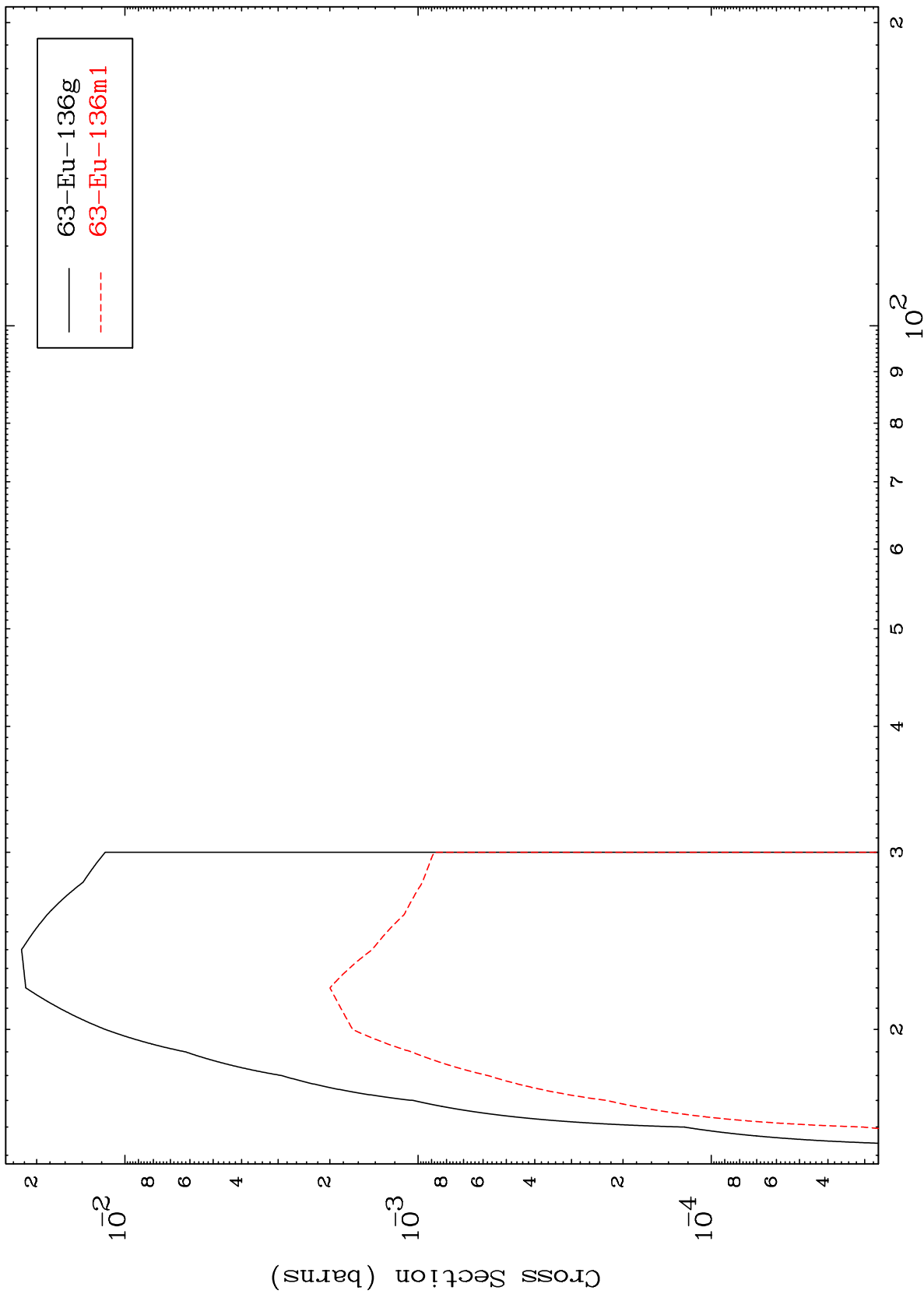
— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

61-Pm-133

Inelastic
Radionuclide Production Cross Section

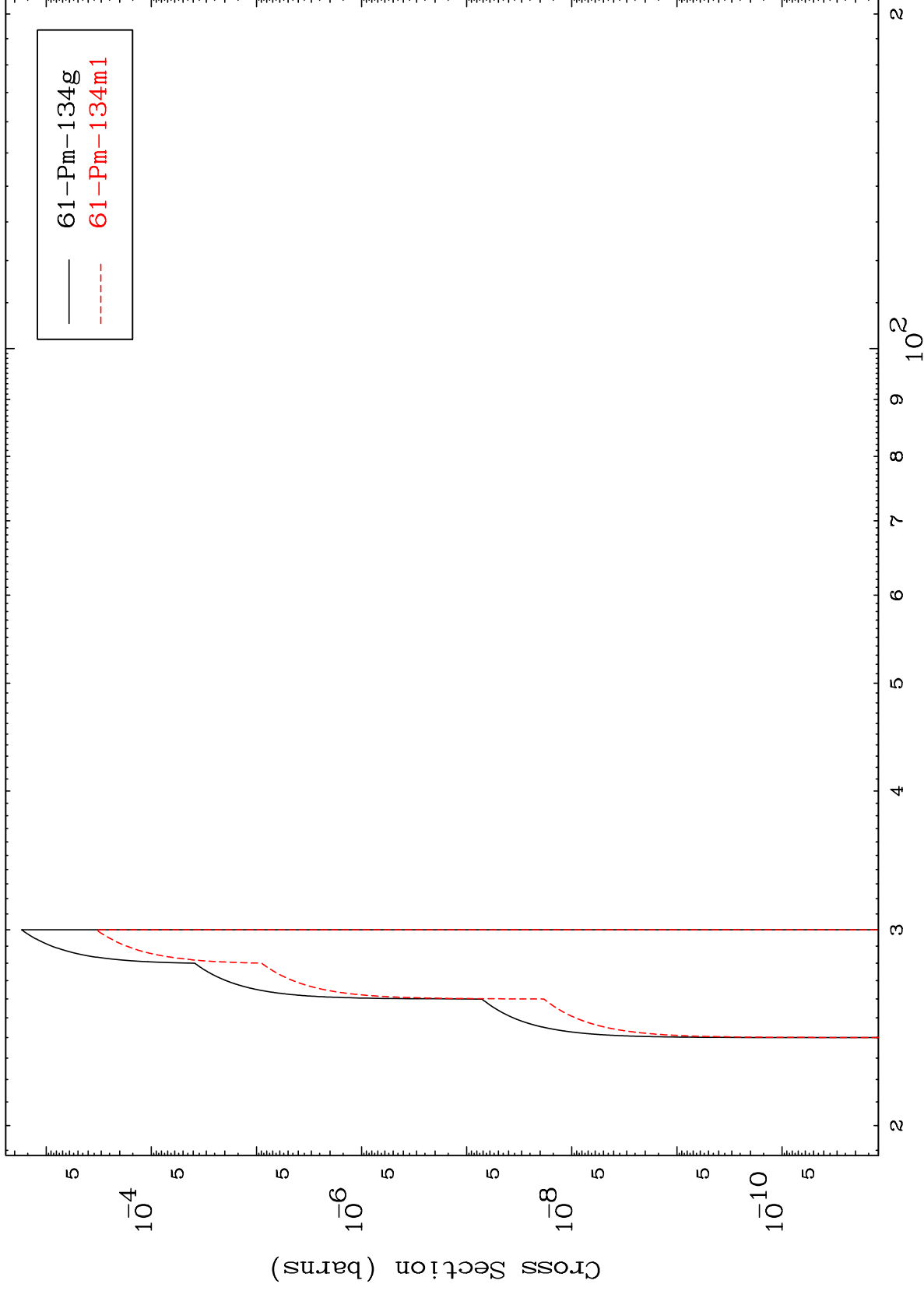


MAT 6107

(n,2n) p

61-Pm-133

Radionuclide Production Cross Section



12

Incident Energy (MeV)

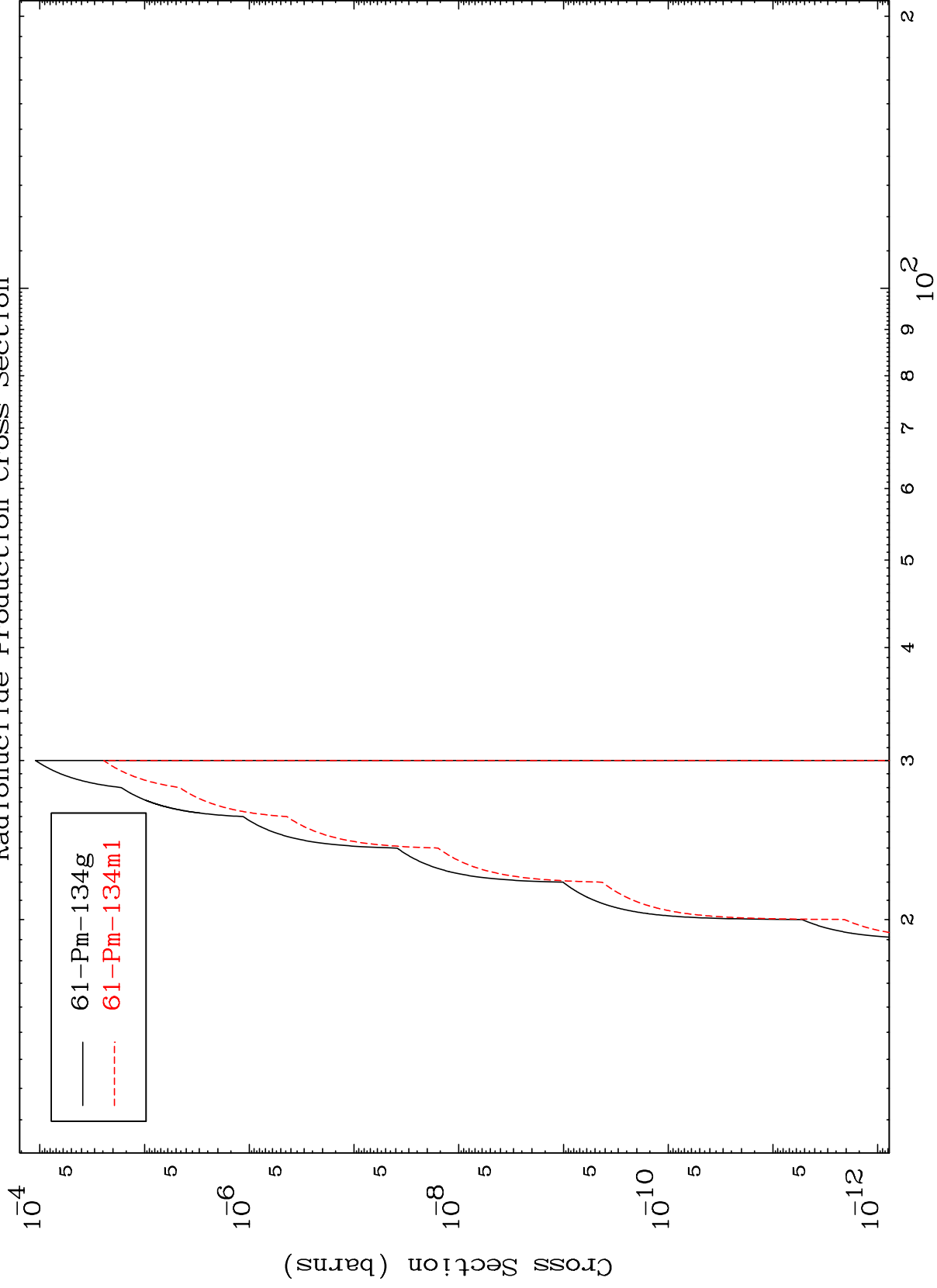
61-Pm-133

MAT 6107

(n,He-3)

61-Pm-133

Radionuclide Production Cross Section



13

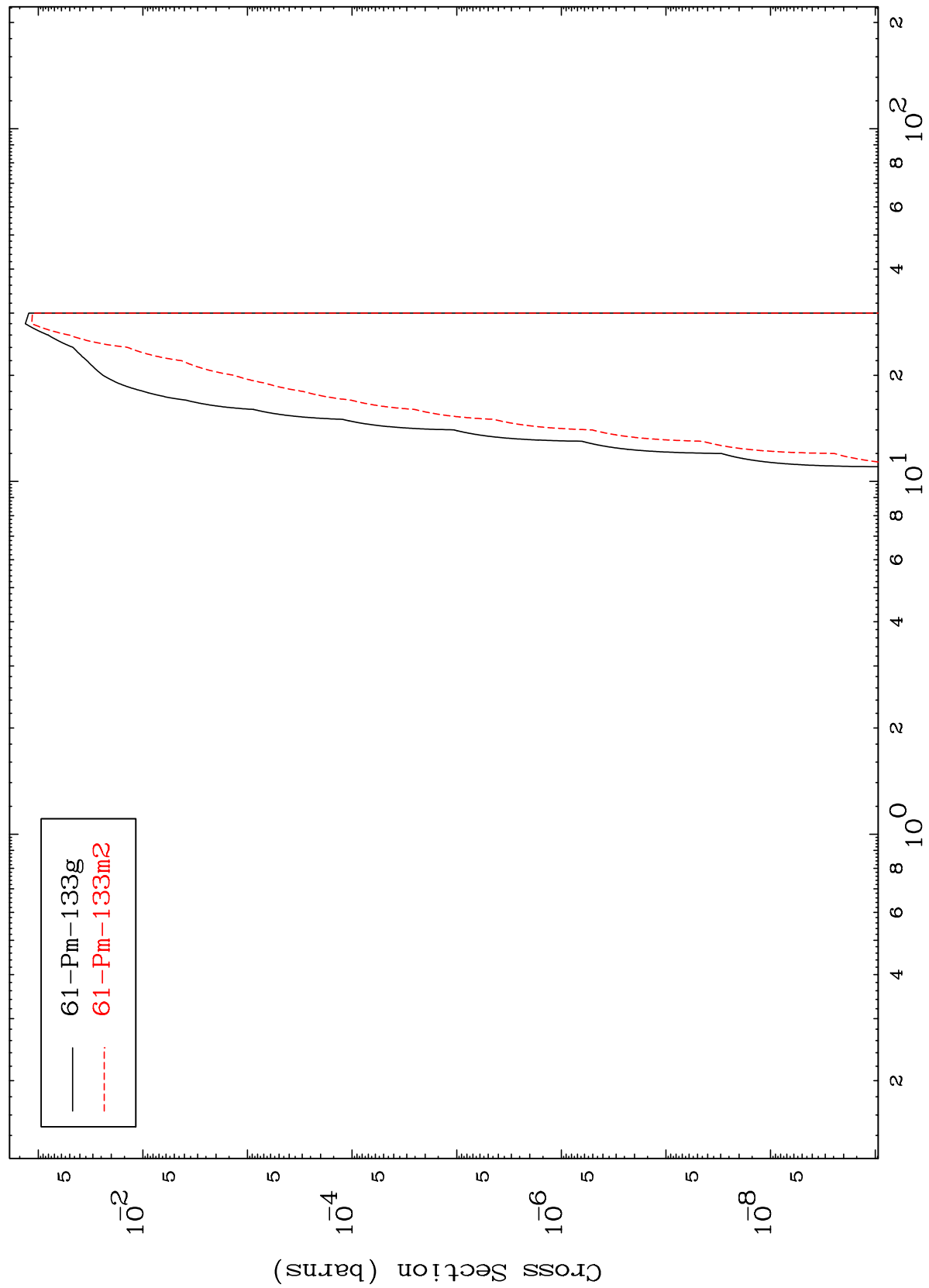
Incident Energy (MeV)

61-Pm-133

MAT 6107

61-Pm-133

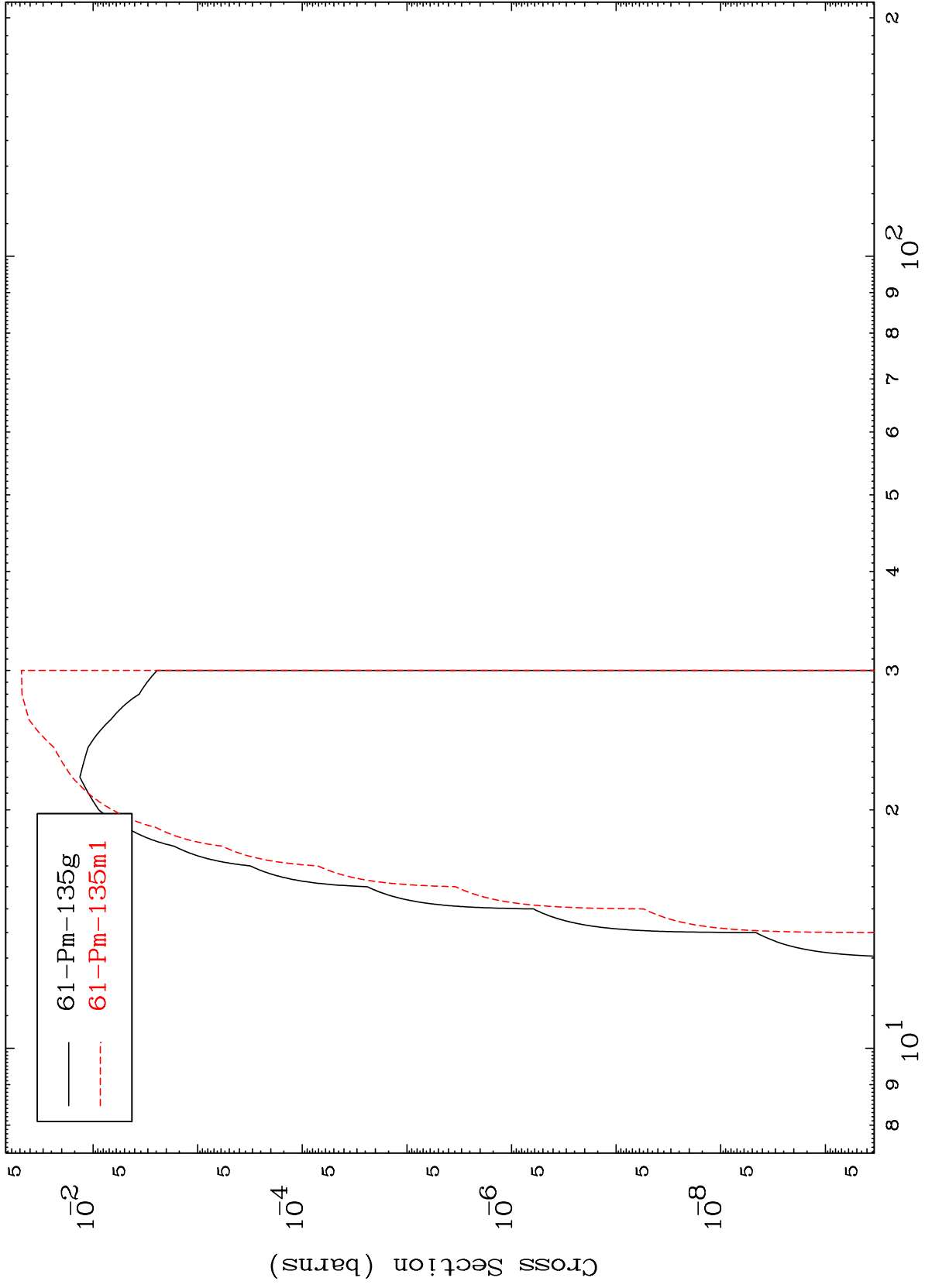
Radionuclide Production Cross Section
(n, α)



MAT 6107

61-Pm-133

(n,2p)
Radionuclide Production Cross Section

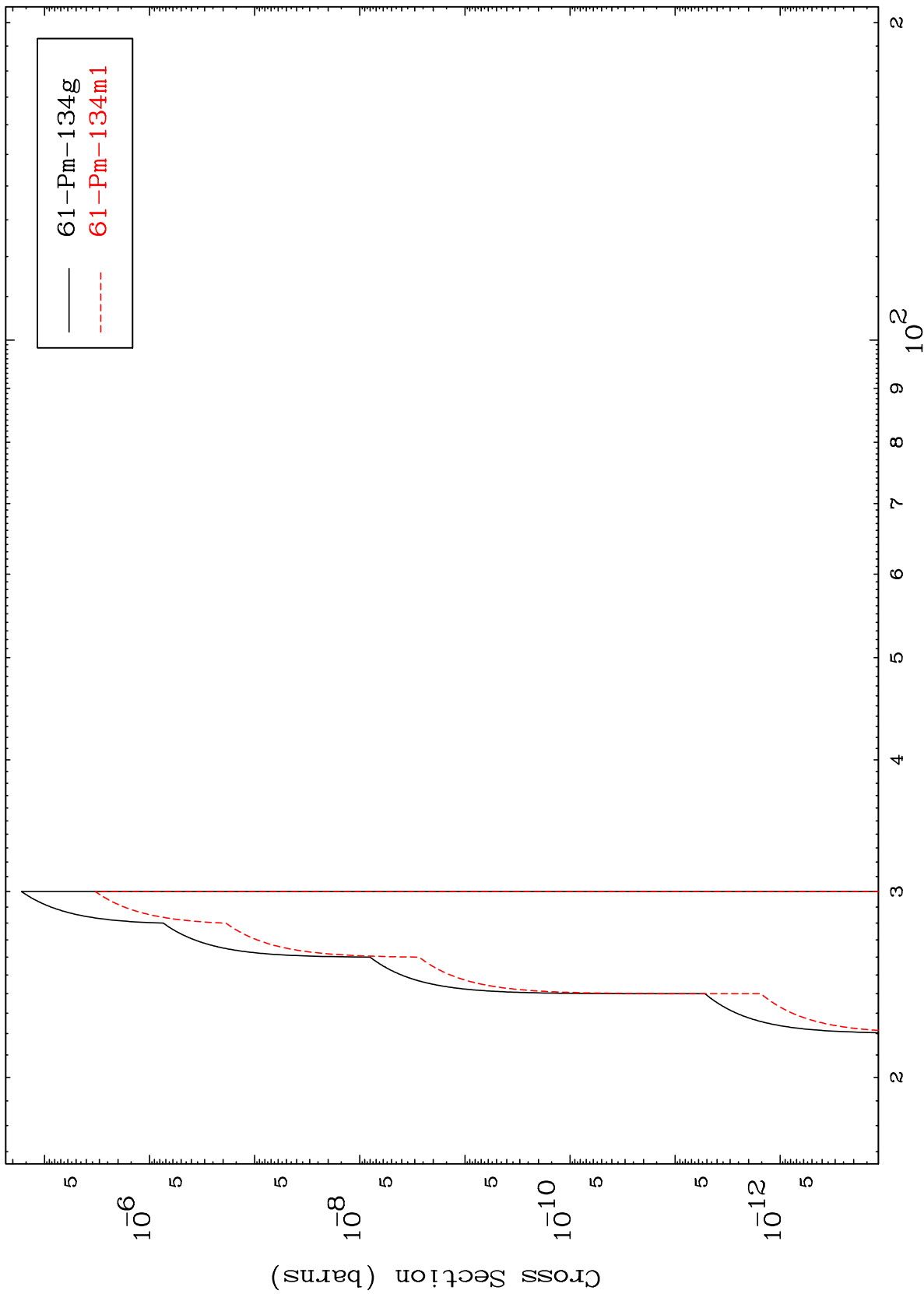


15

Incident Energy (MeV)

61-Pm-133

Radionuclide Production Cross Section

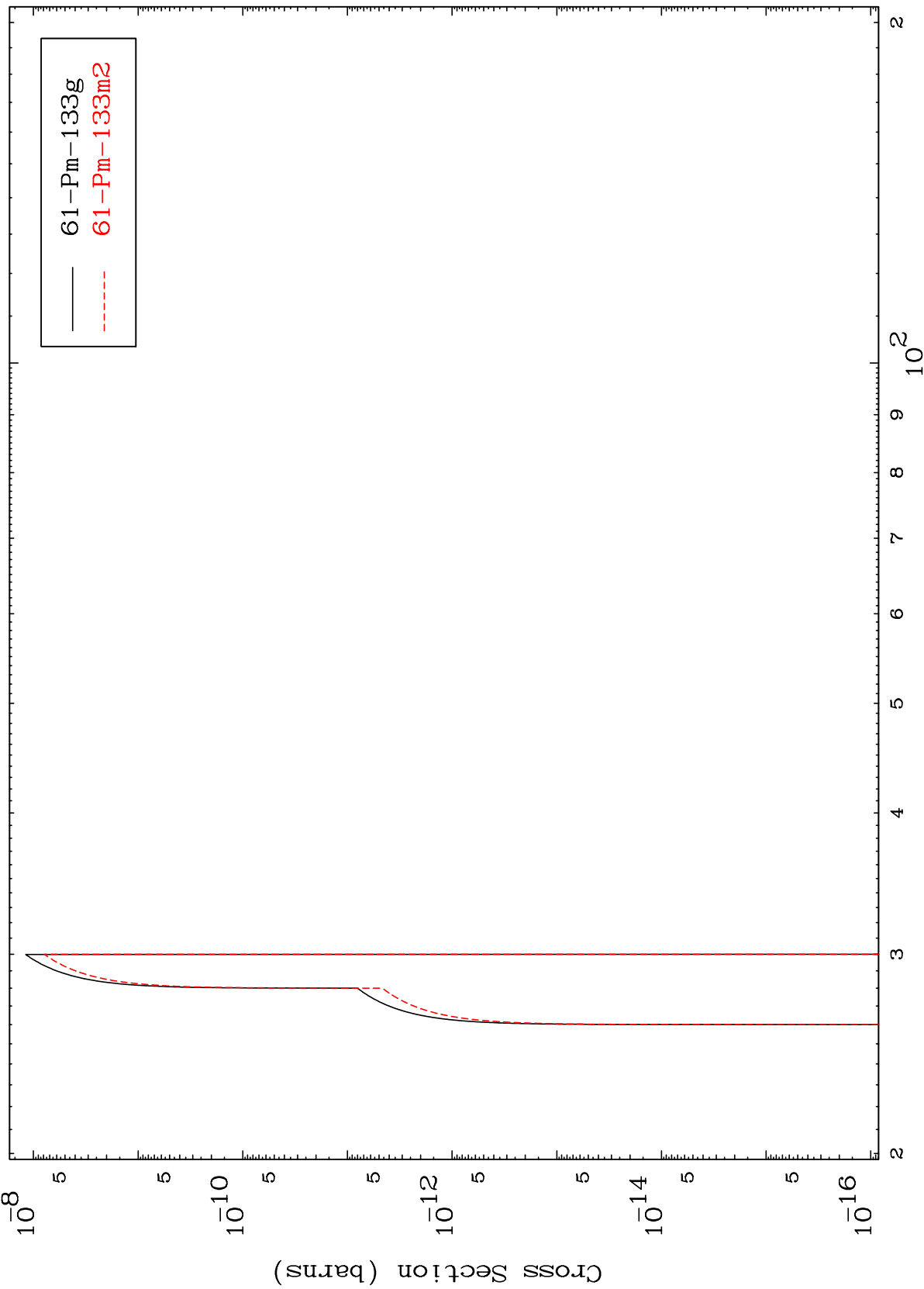


MAT 6107

(n,p) t

61-Pm-133

Radionuclide Production Cross Section



17

Incident Energy (MeV)

61-Pm-133