

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

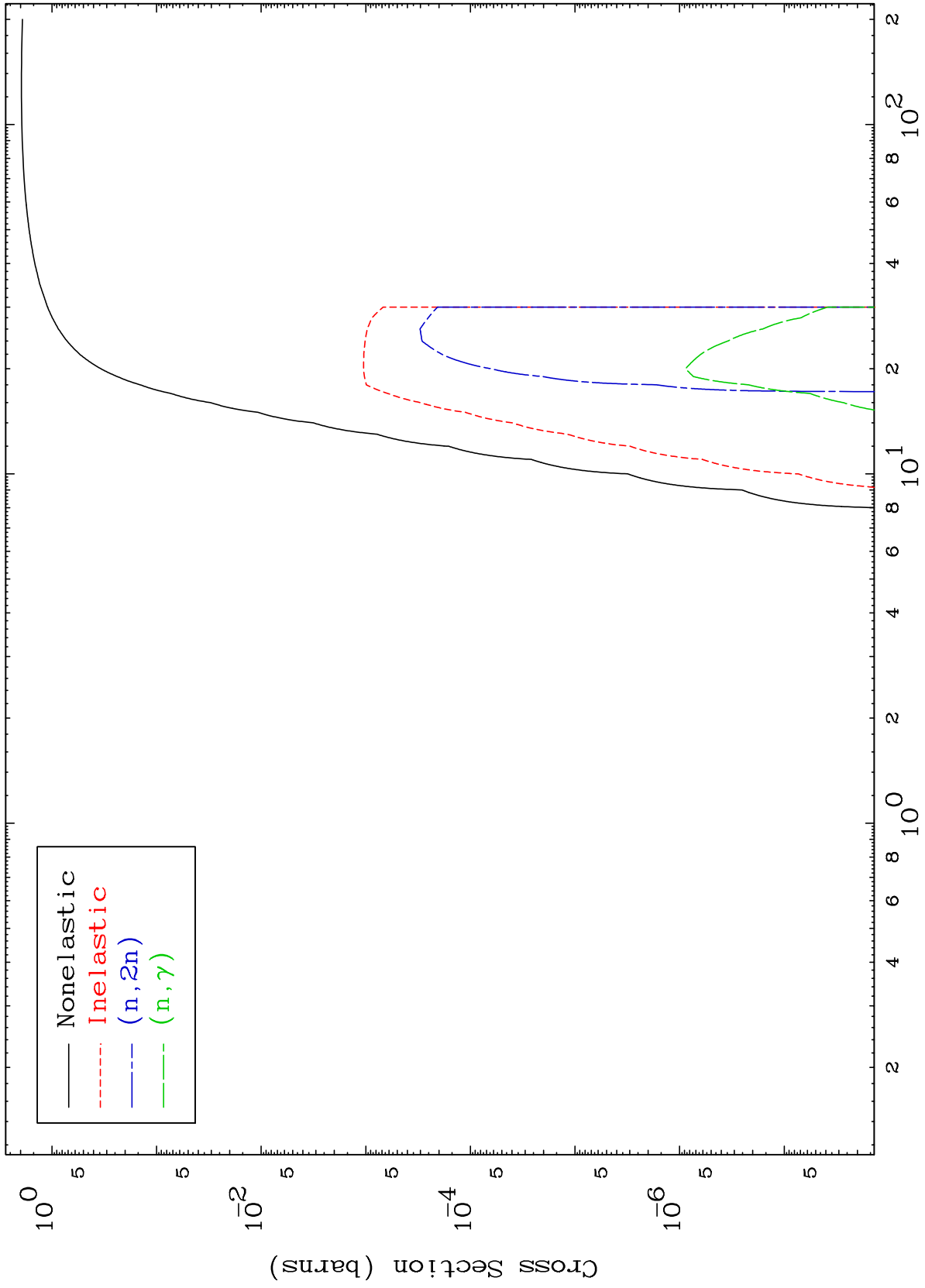
Press Mouse Button to Start

MAT 6107

He-3 Major

61-Pm-133

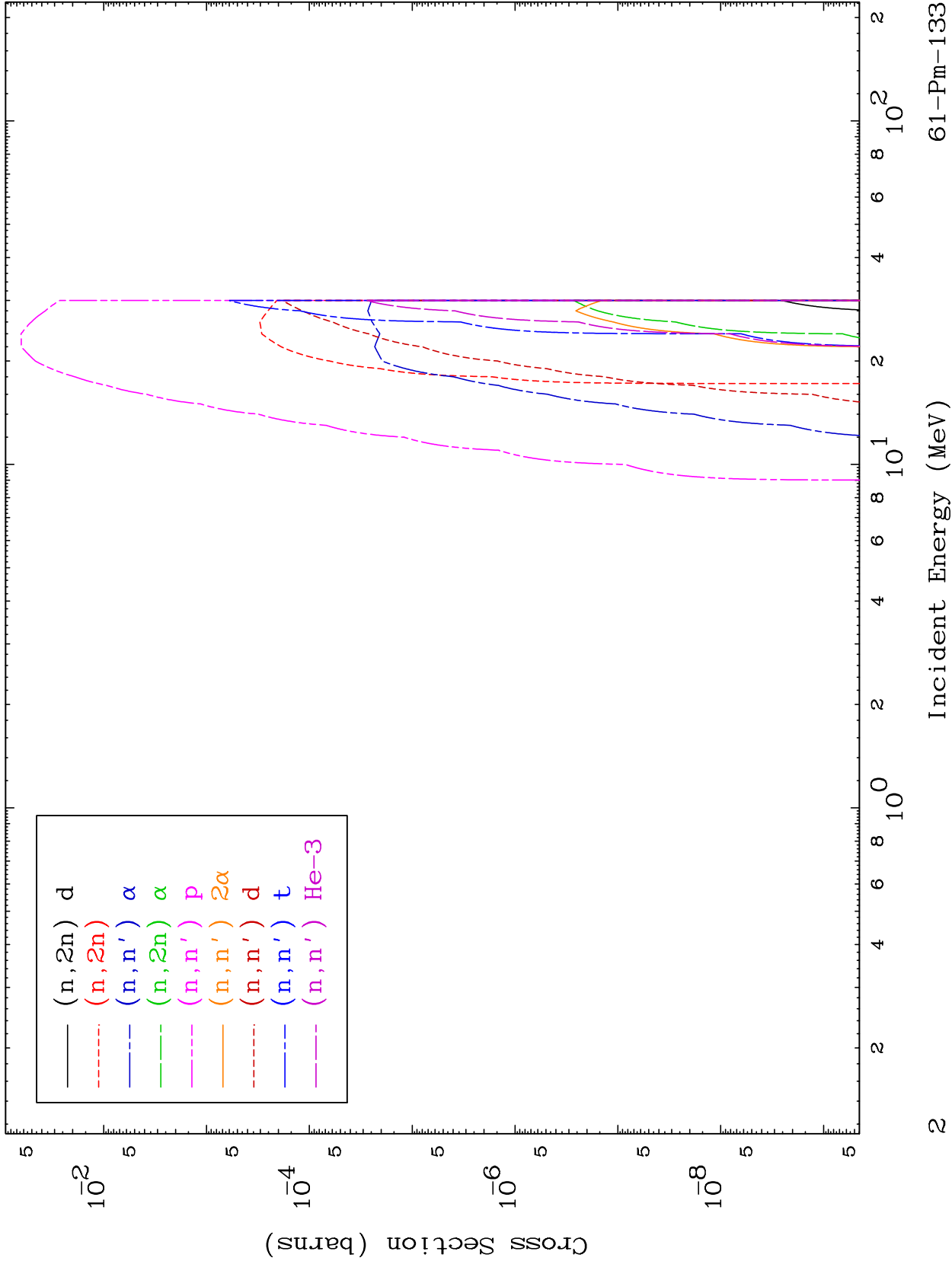
0 Kelvin Cross Sections



MAT 6107

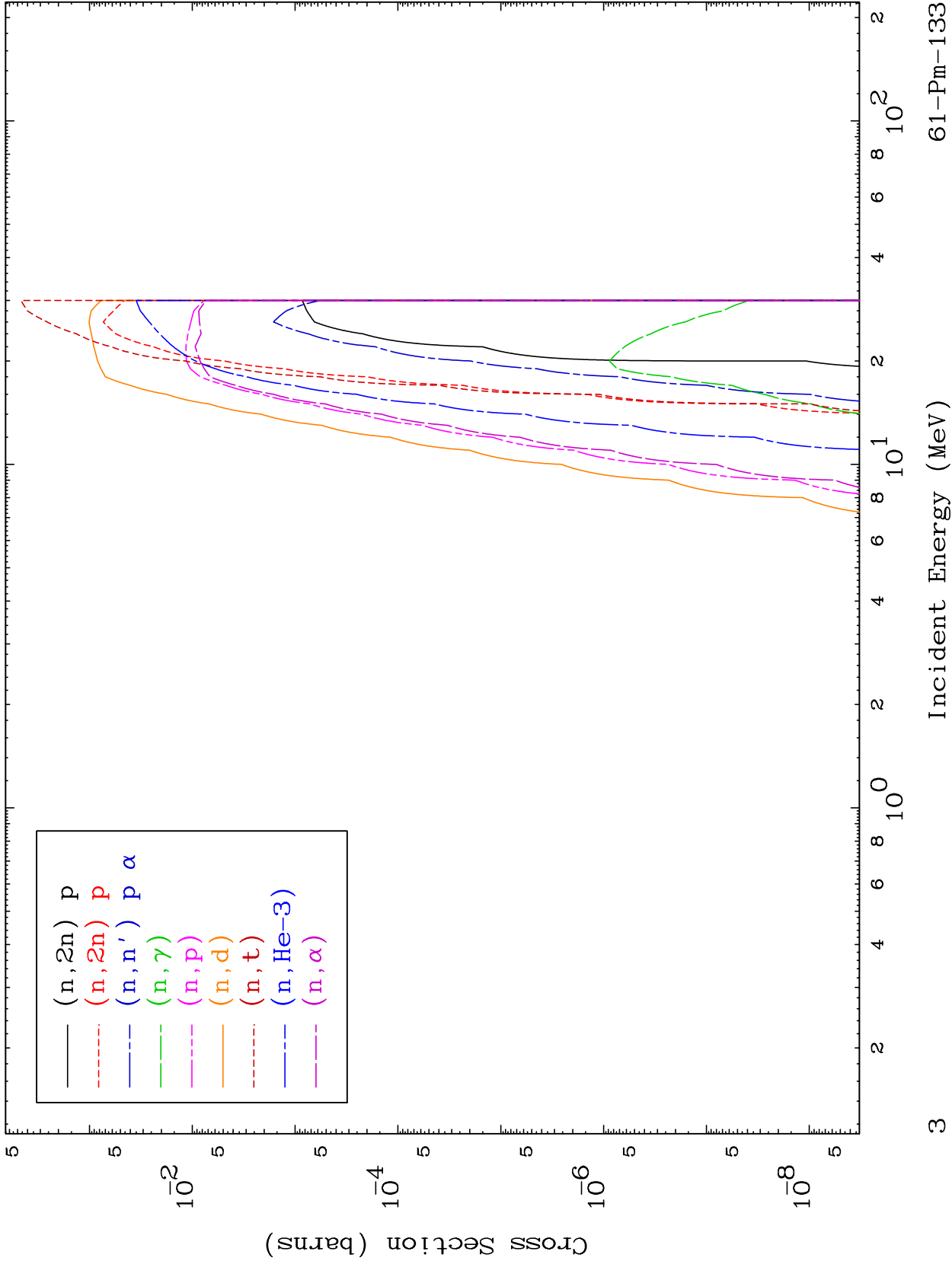
He-3 Neutron Absorption  
0 Kelvin Cross Sections

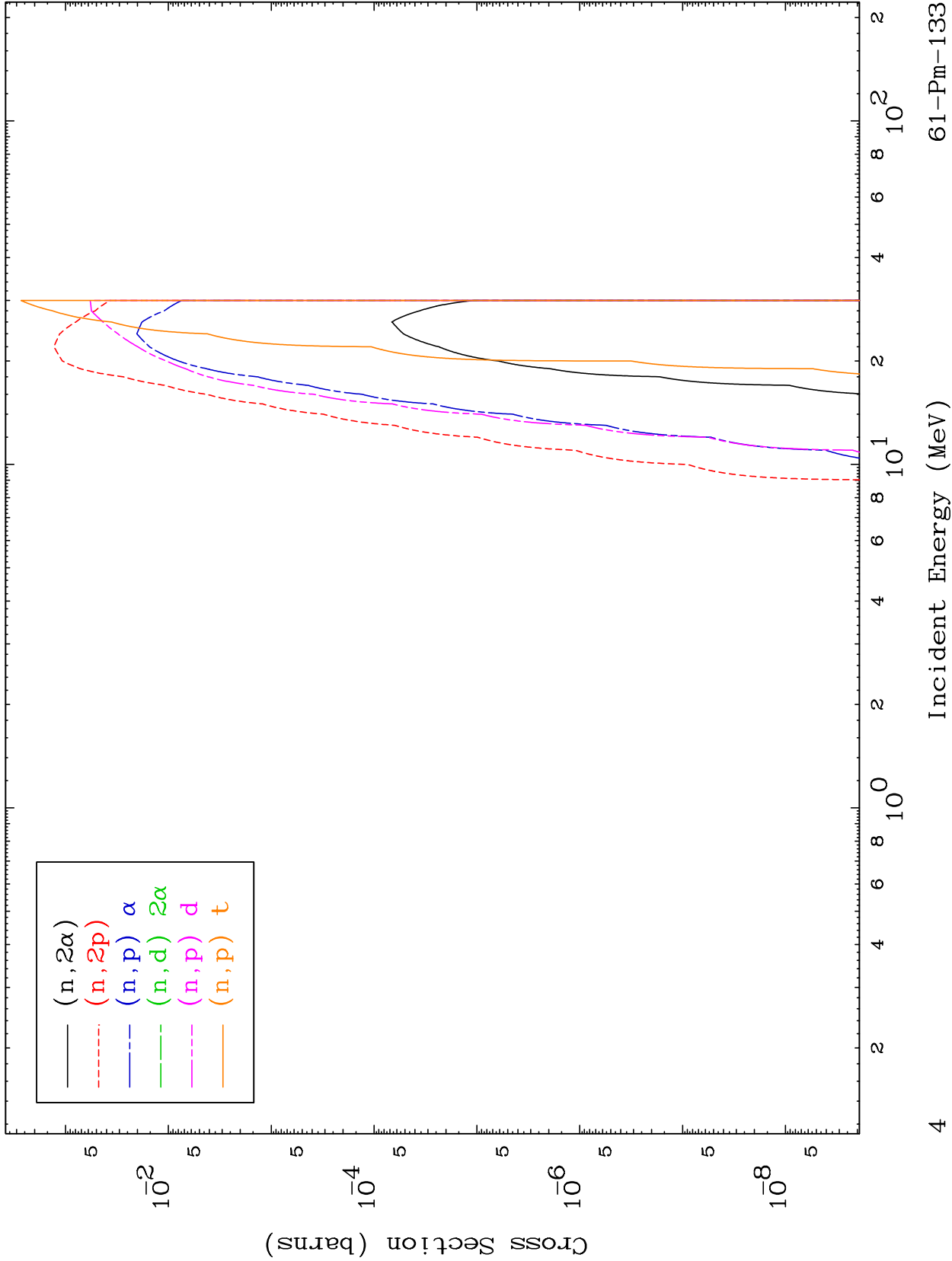
61-Pm-133



61-Pm-133

Incident Energy (MeV)

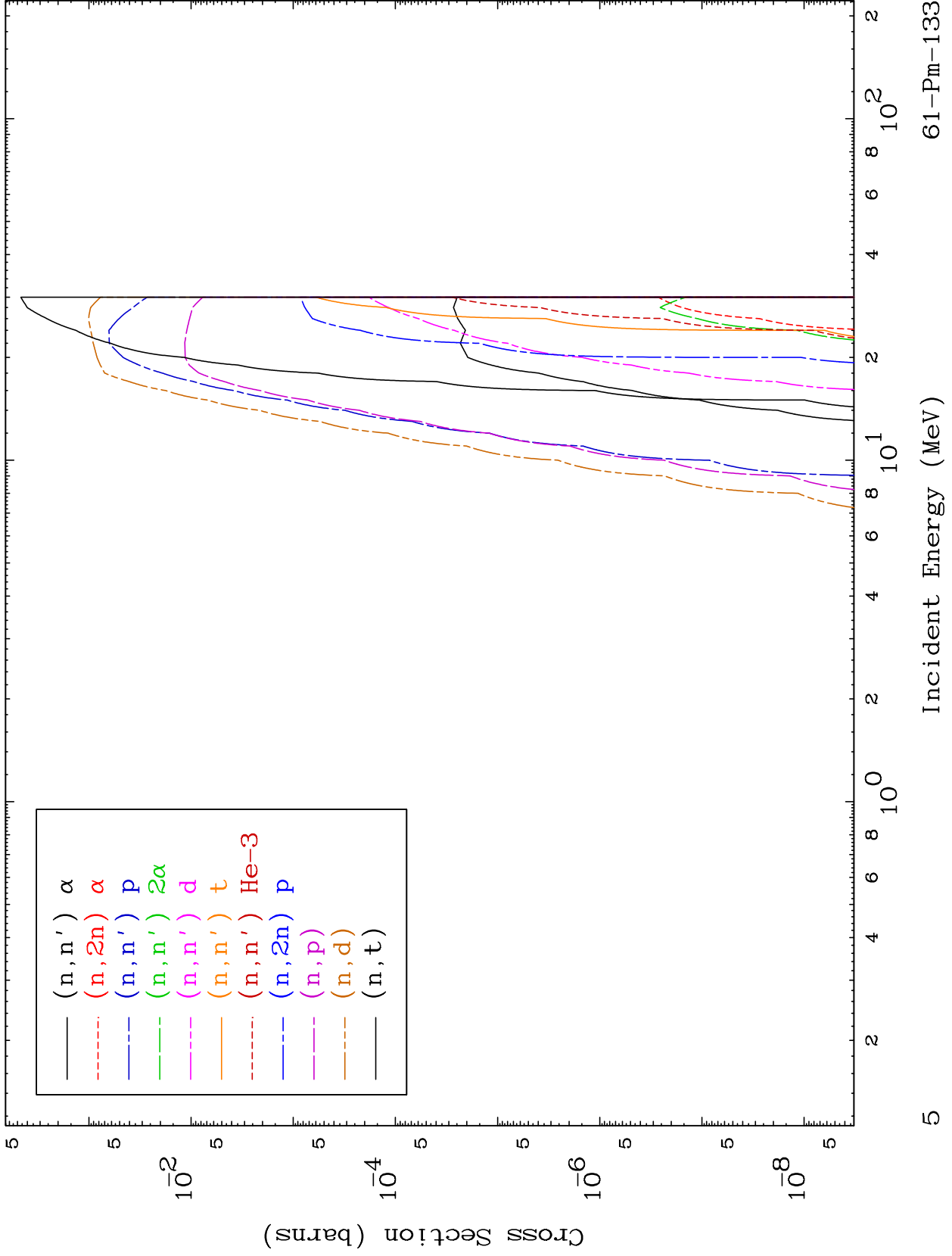


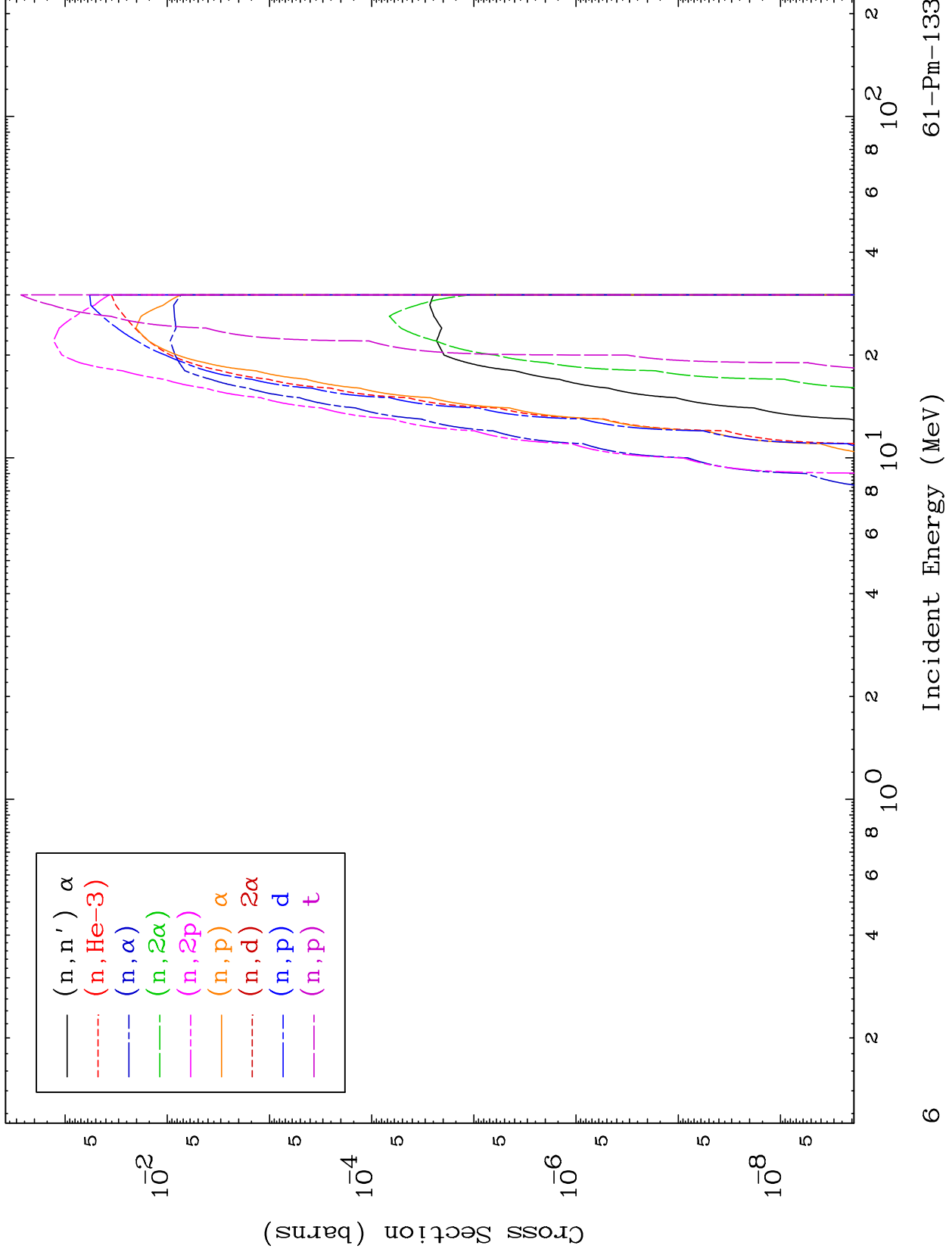


MAT 6107

He-3 Charged Particle  
0 Kelvin Cross Sections

61-Pm-133



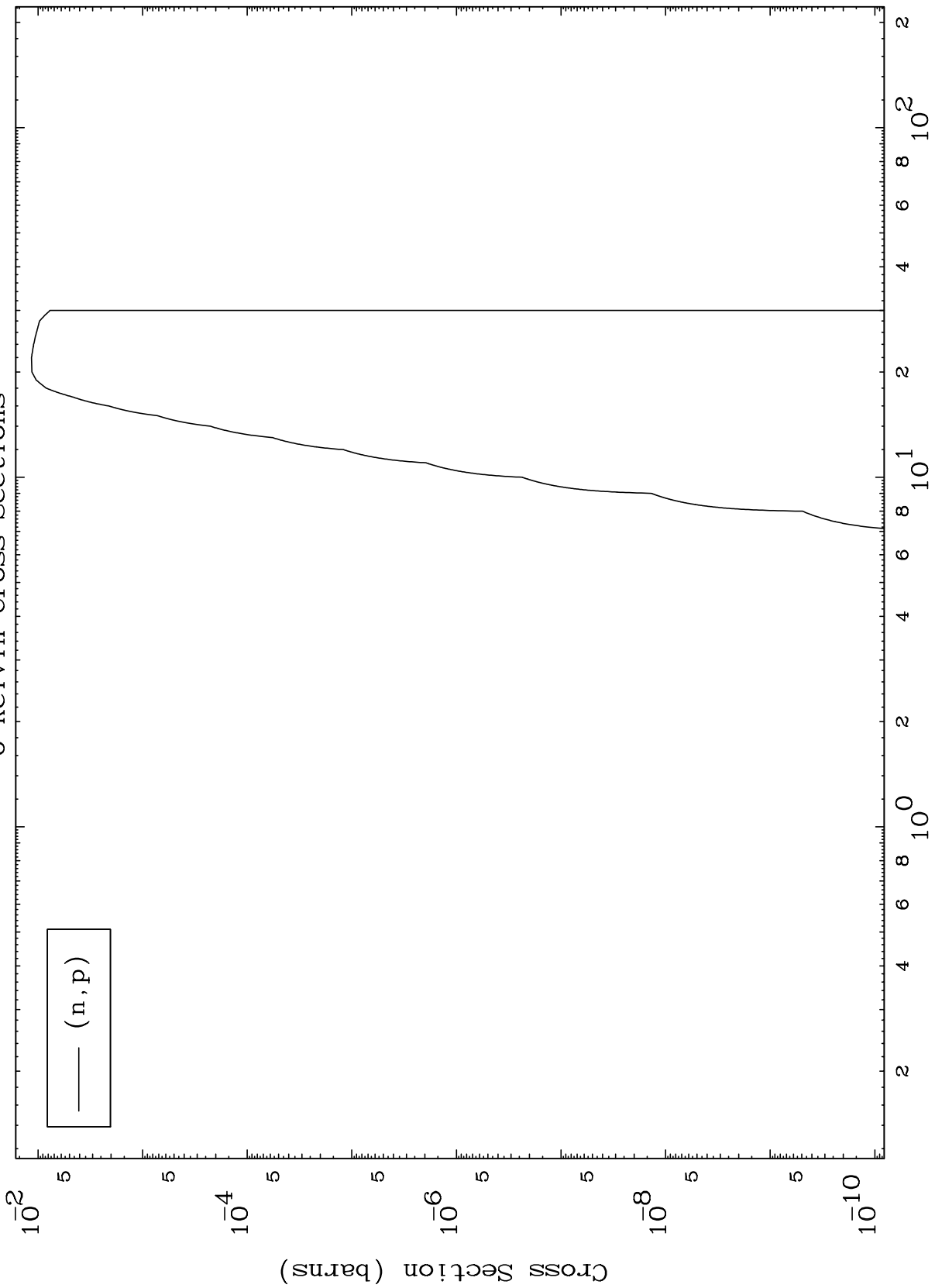


MAT 6107

(He-3,p) Levels

61-Pm-133

0 Kelvin Cross Sections

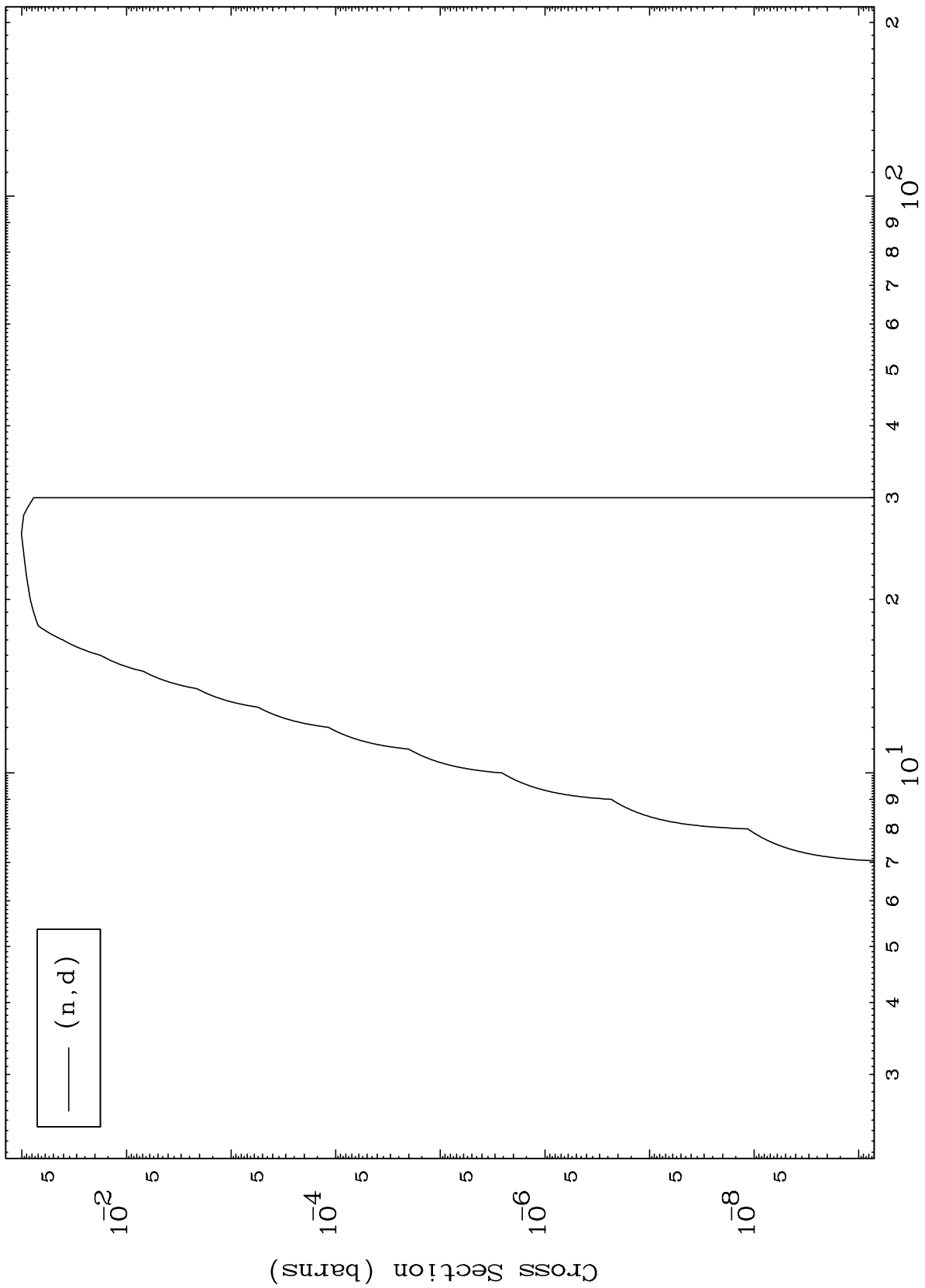


MAT 6107

(He-3,d) Levels

61-Pm-133

0 Kelvin Cross Sections

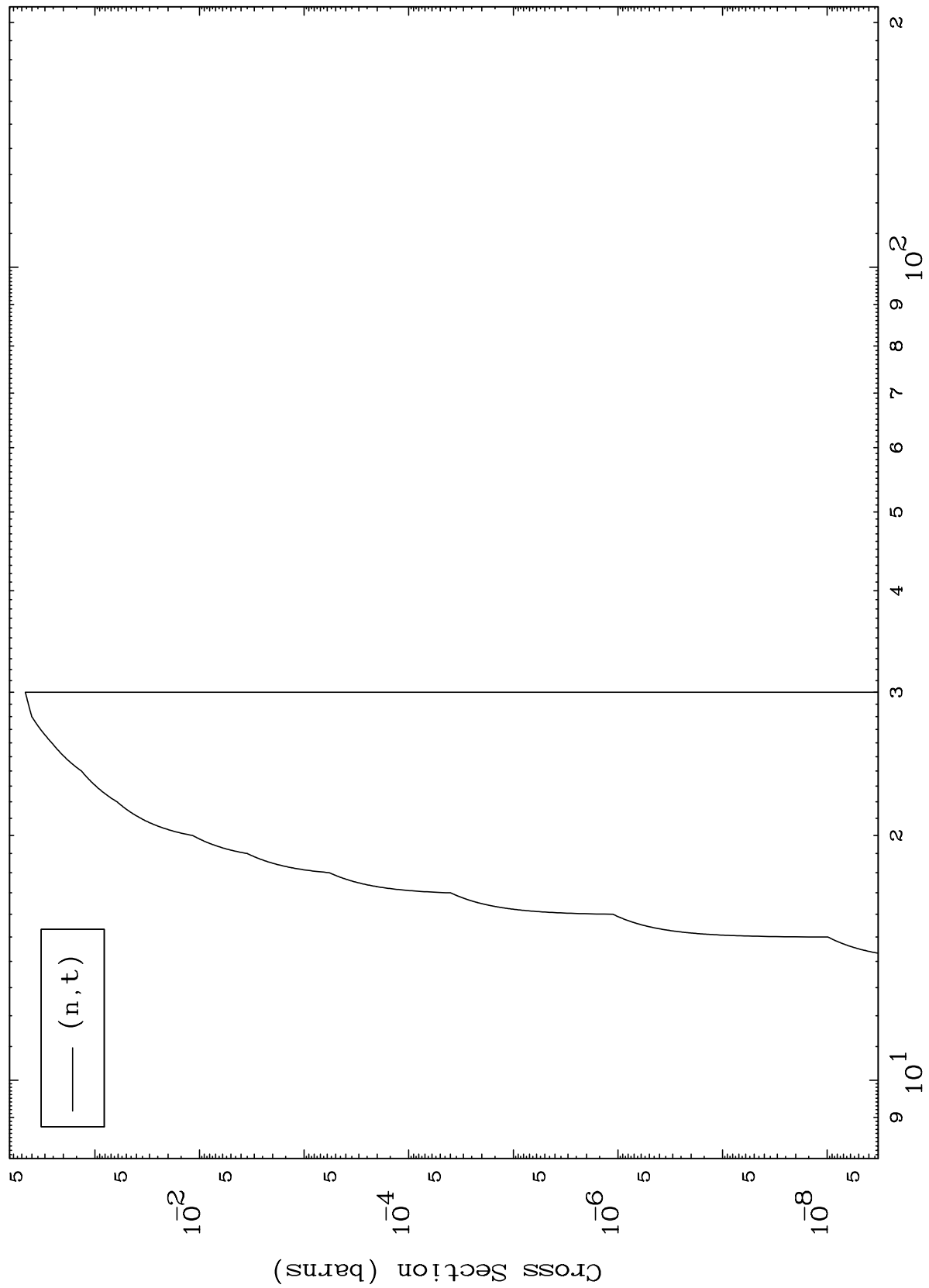


MAT 6107

(He-3,t) Levels

61-Pm-133

0 Kelvin Cross Sections



9

Incident Energy (MeV)

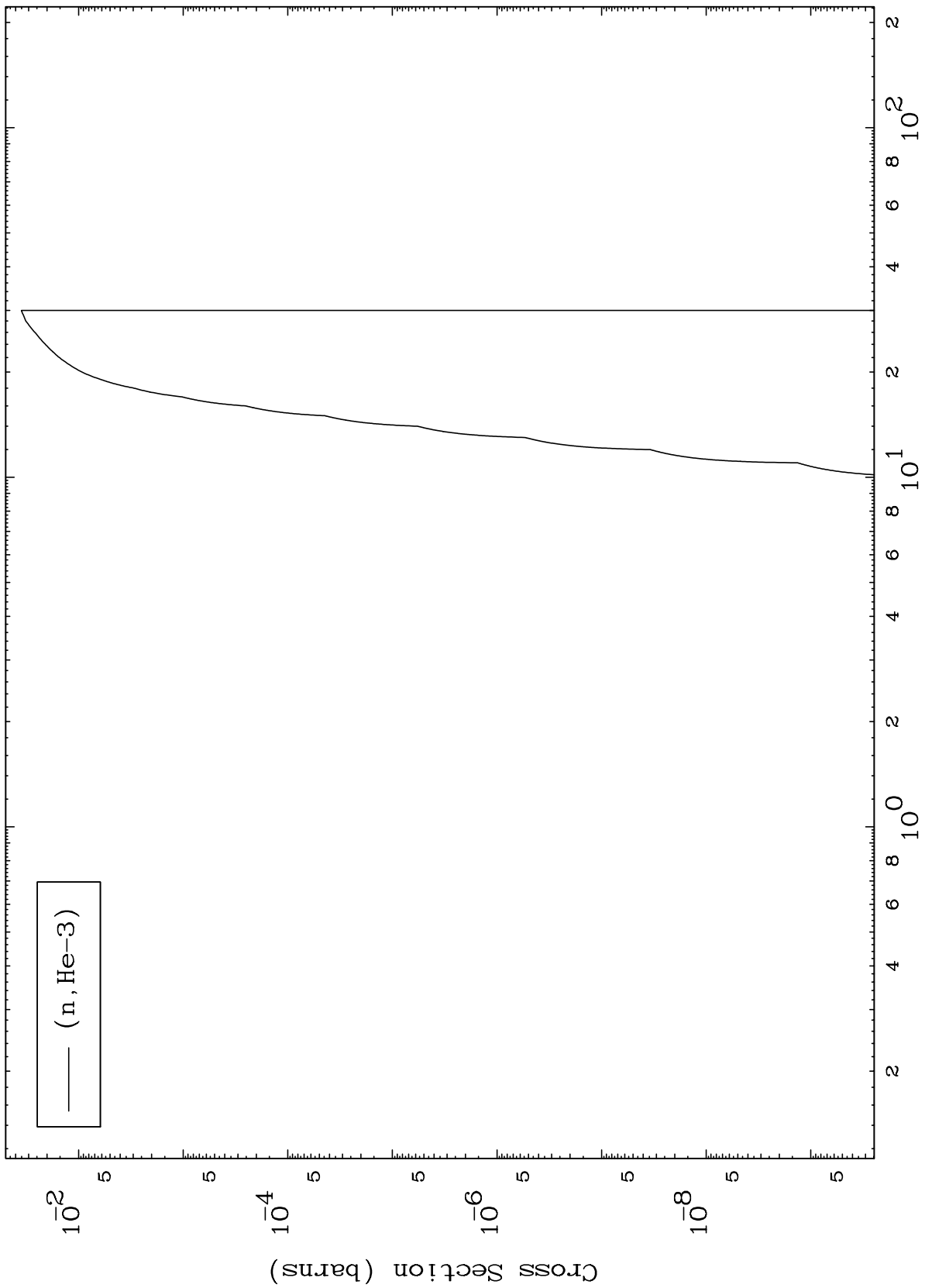
61-Pm-133

MAT 6107

(He-3, He3) Levels

61-Pm-133

0 Kelvin Cross Sections



10

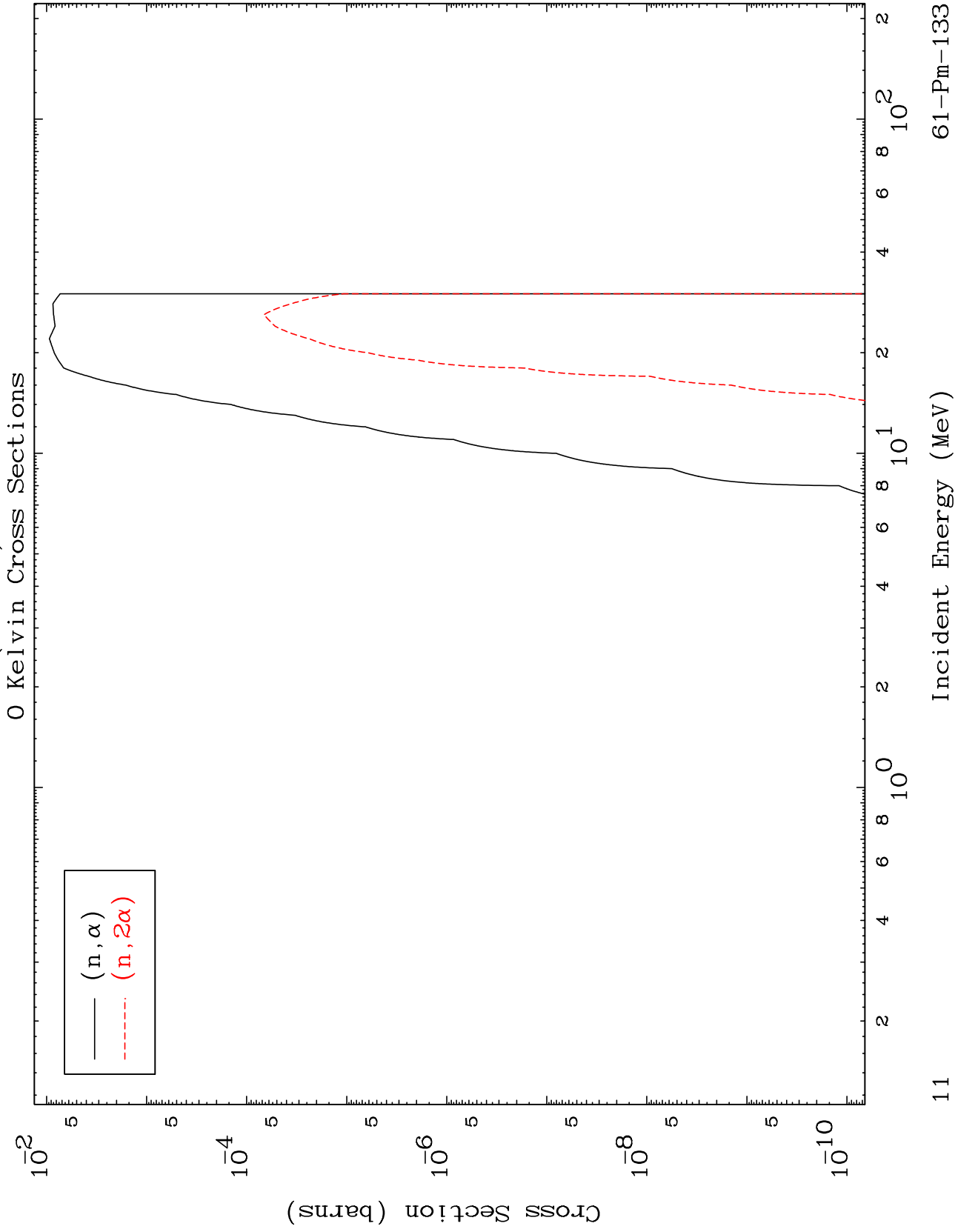
Incident Energy (MeV)

61-Pm-133

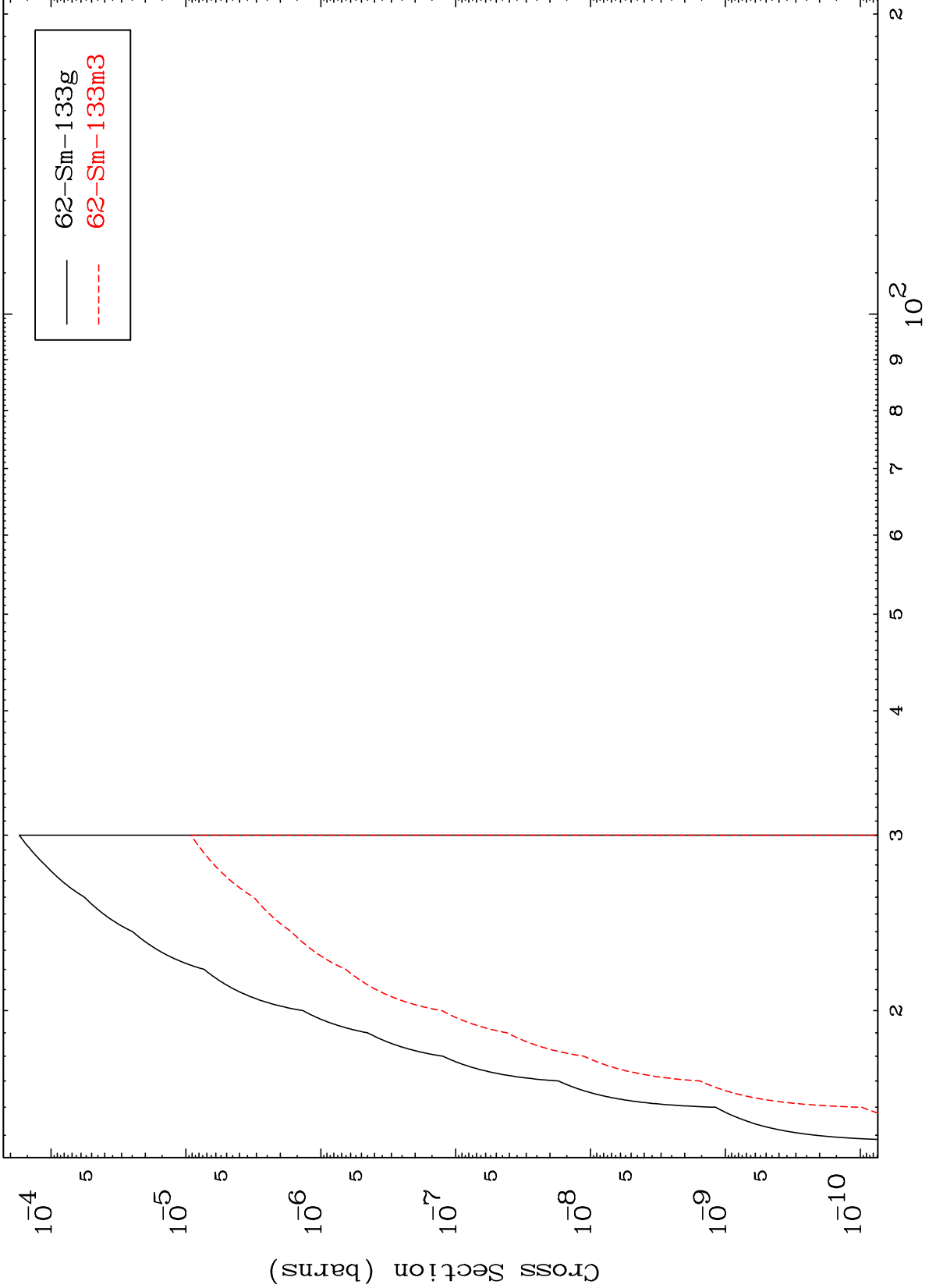
MAT 6107

(He-3,  $\alpha$ ) Levels

61-Pm-133



Radionuclide Production Cross Section

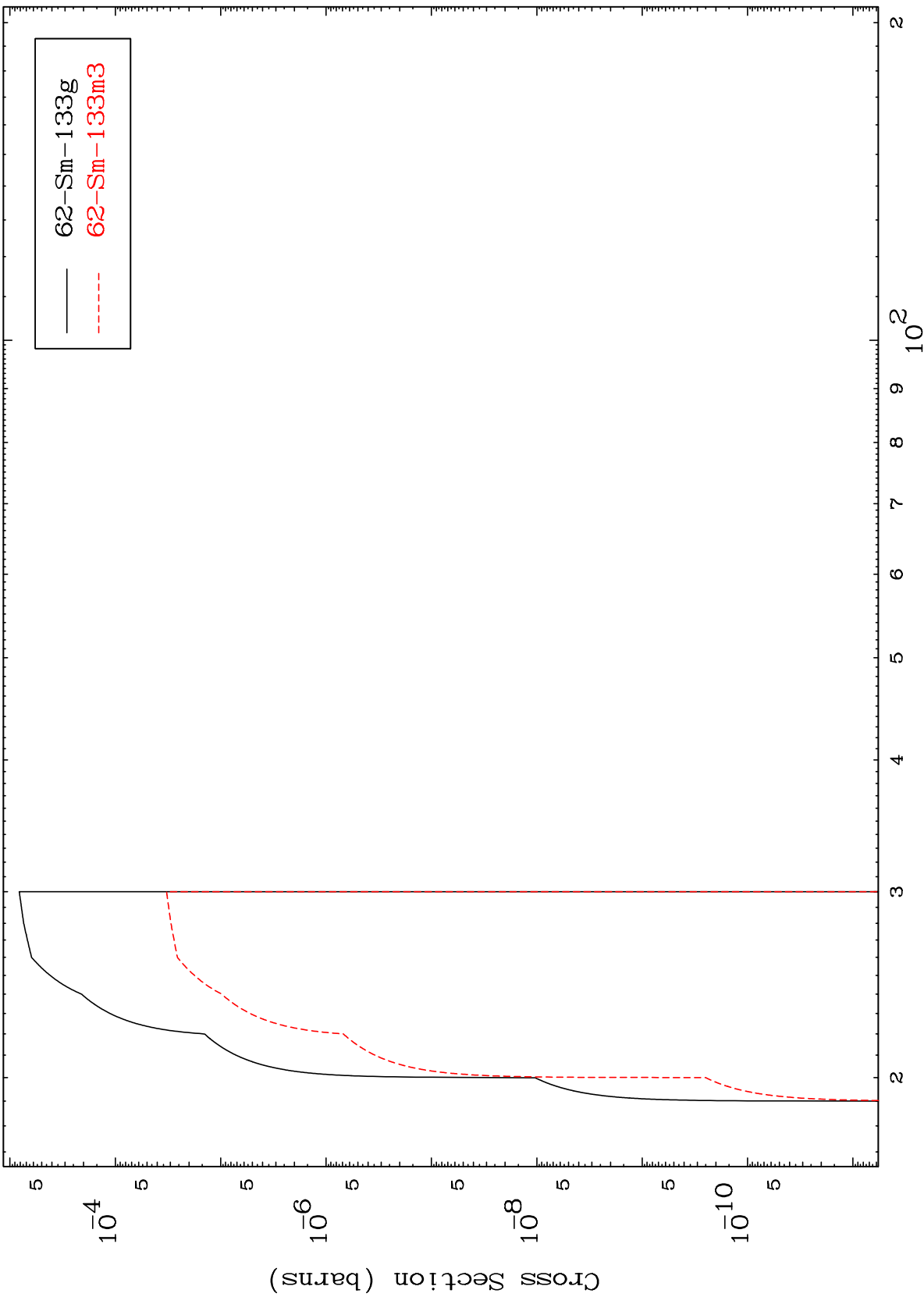


MAT 6107

(n,2n) p

61-Pm-133

Radionuclide Production Cross Section



62-Sm-133g  
62-Sm-133m3

13

Incident Energy (MeV)

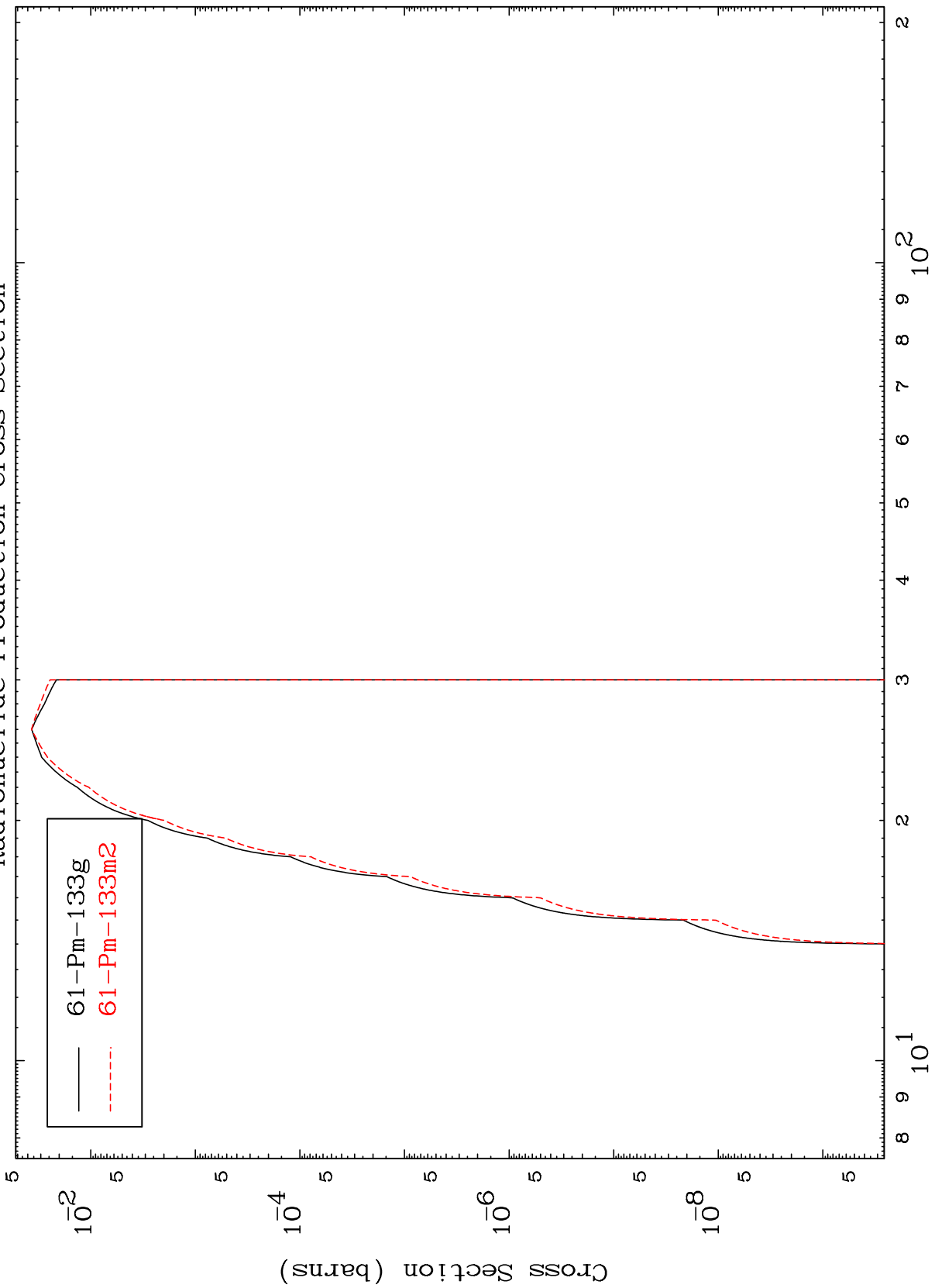
61-Pm-133

MAT 6107

(n,2n) p

61-Pm-133

Radionuclide Production Cross Section



61-Pm-133g  
61-Pm-133m2

Incident Energy (MeV)

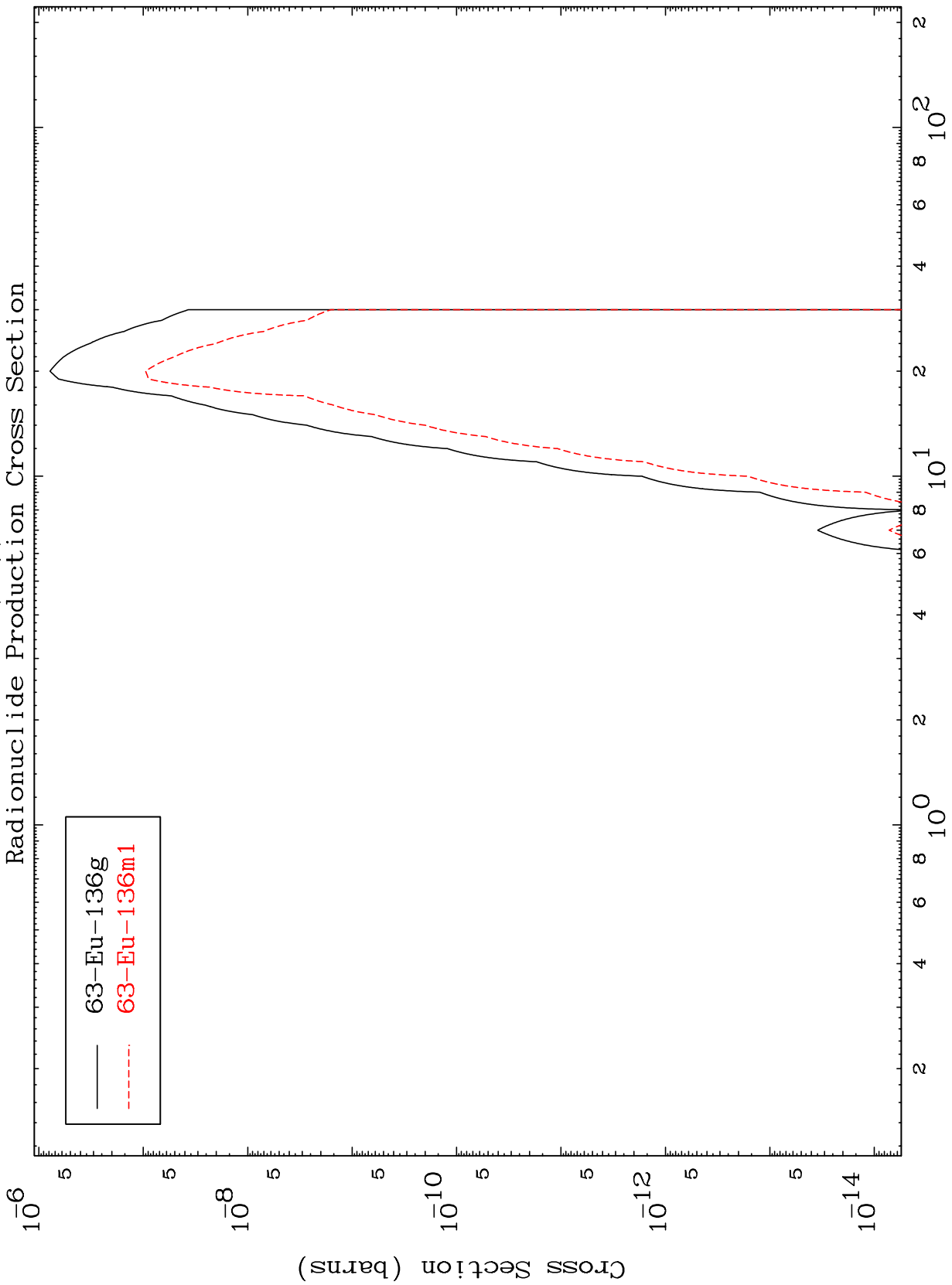
61-Pm-133

14

MAT 6107

61-Pm-133

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



— 63-Eu-136g  
- - - 63-Eu-136m1

61-Pm-133

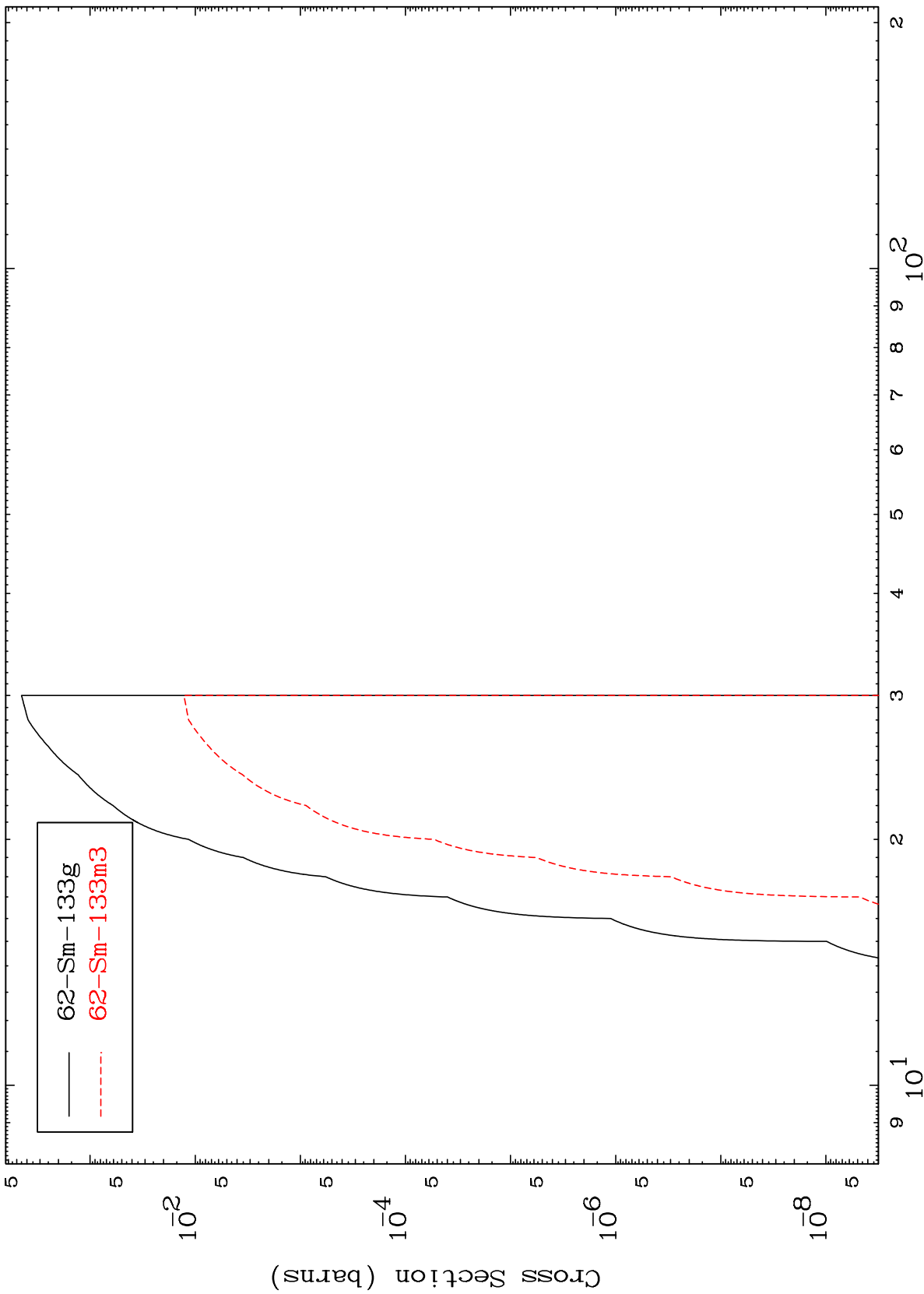
Incident Energy (MeV)

15

MAT 6107

61-Pm-133

(n,t)  
Radionuclide Production Cross Section



62-Sm-133g  
62-Sm-133m3

61-Pm-133

Incident Energy (MeV)

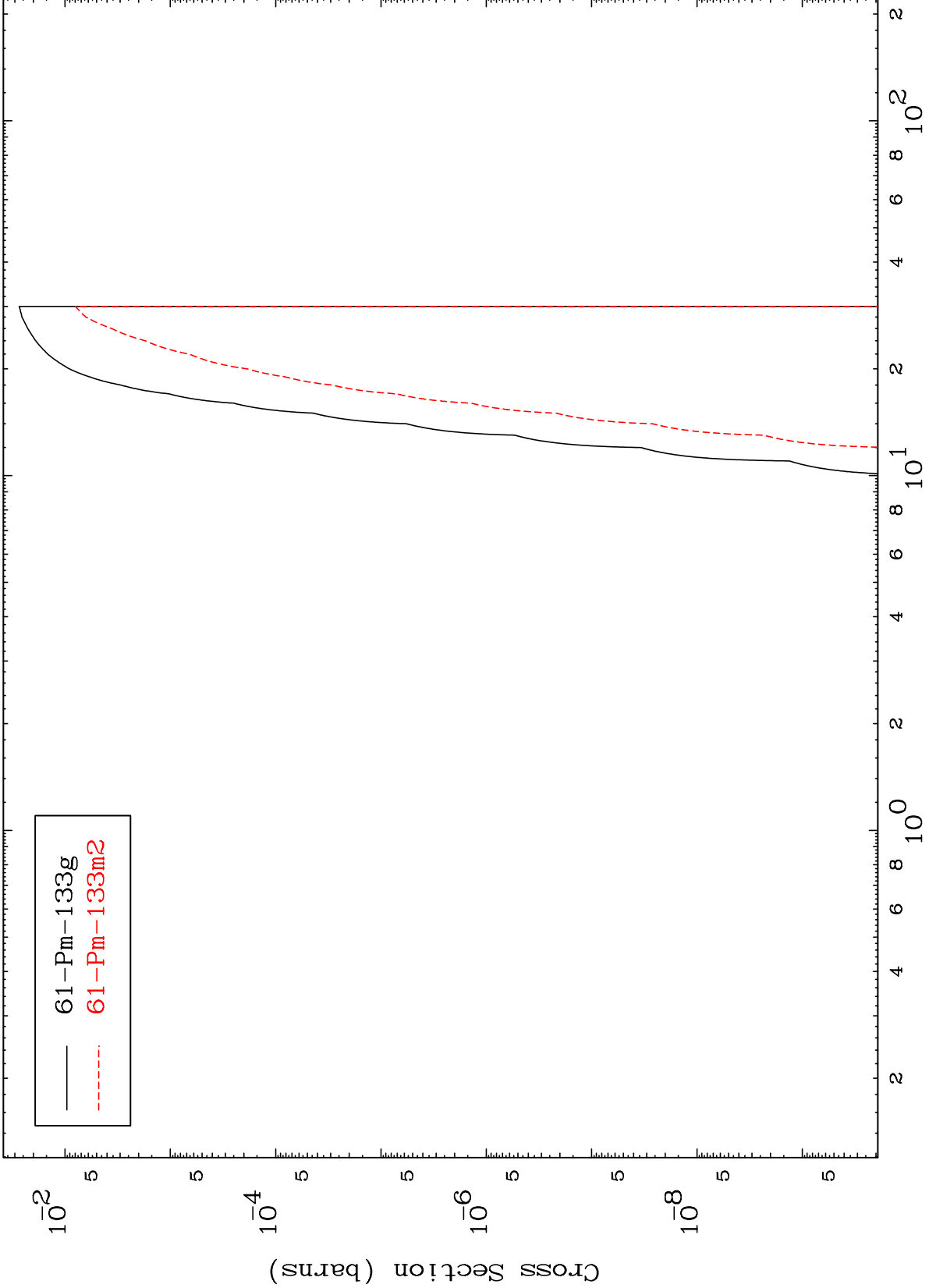
16

MAT 6107

(n,He-3)

61-Pm-133

Radionuclide Production Cross Section

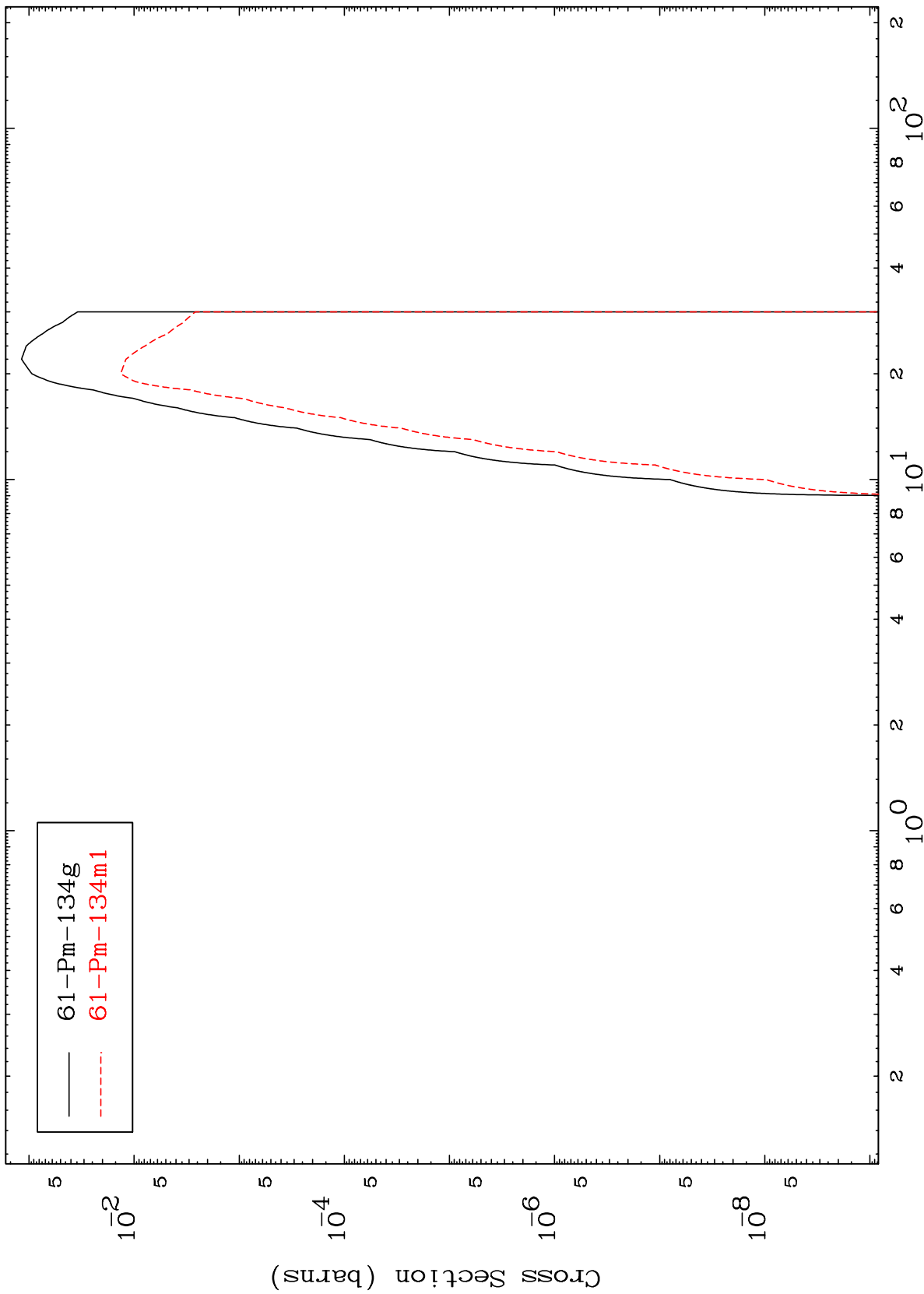


61-Pm-133g  
61-Pm-133m2

MAT 6107

61-Pm-133

(n,2p)  
Radionuclide Production Cross Section



61-Pm-133

Incident Energy (MeV)

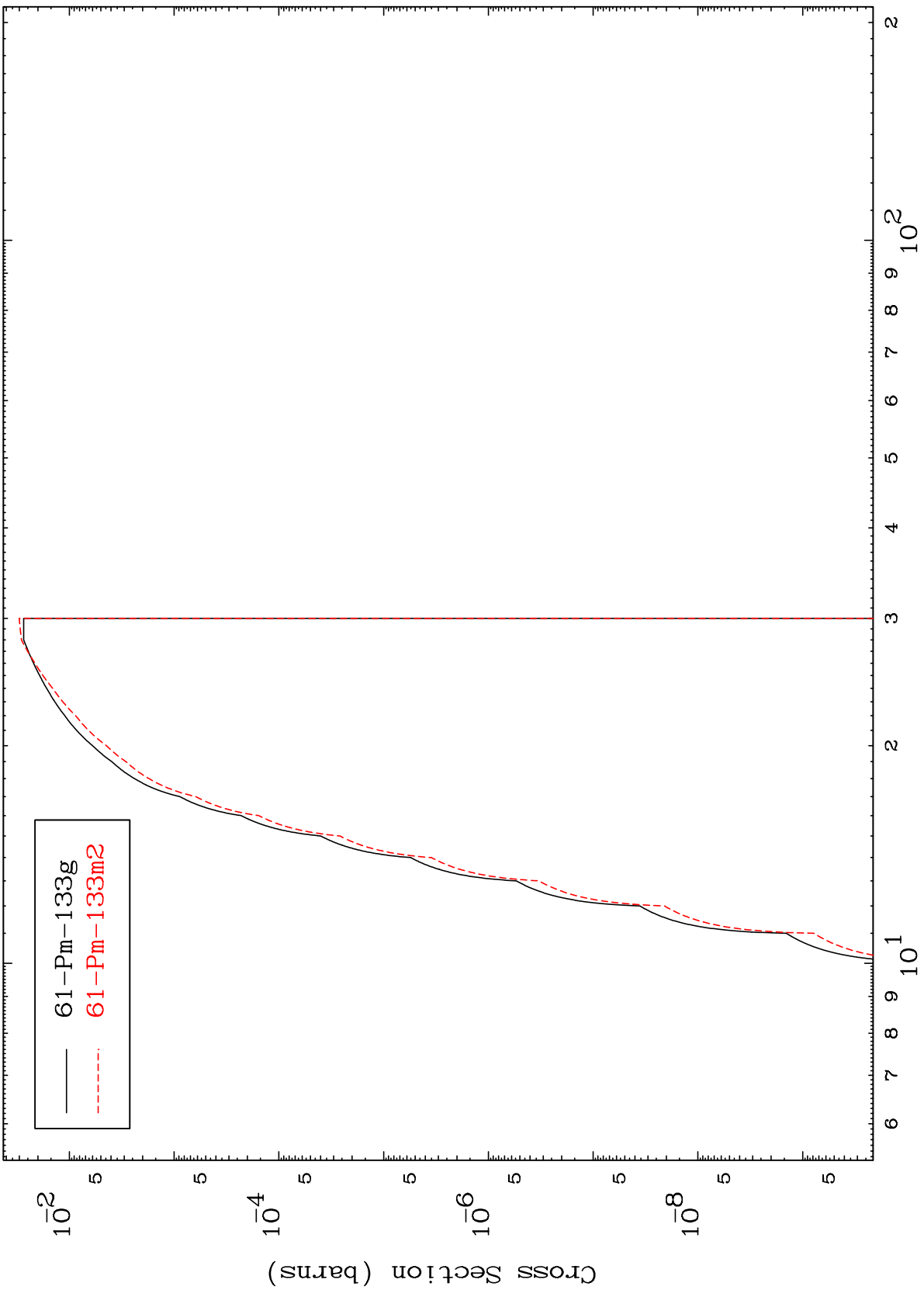
18

MAT 6107

(n,p) d

61-Pm-133

Radionuclide Production Cross Section



19

Incident Energy (MeV)

61-Pm-133