

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

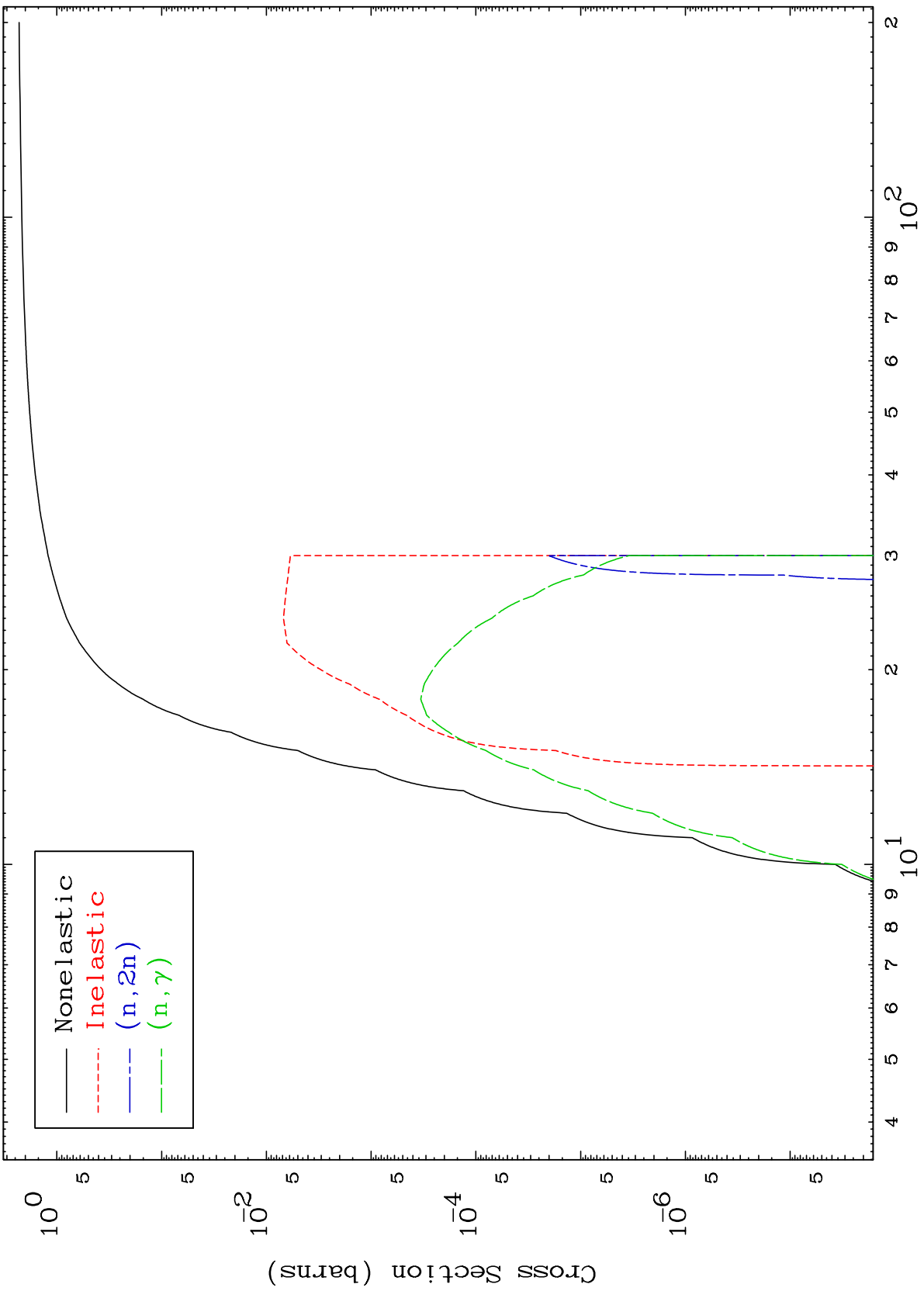
Press Mouse Button to Start

MAT 6192

α Major

62-Sm-133

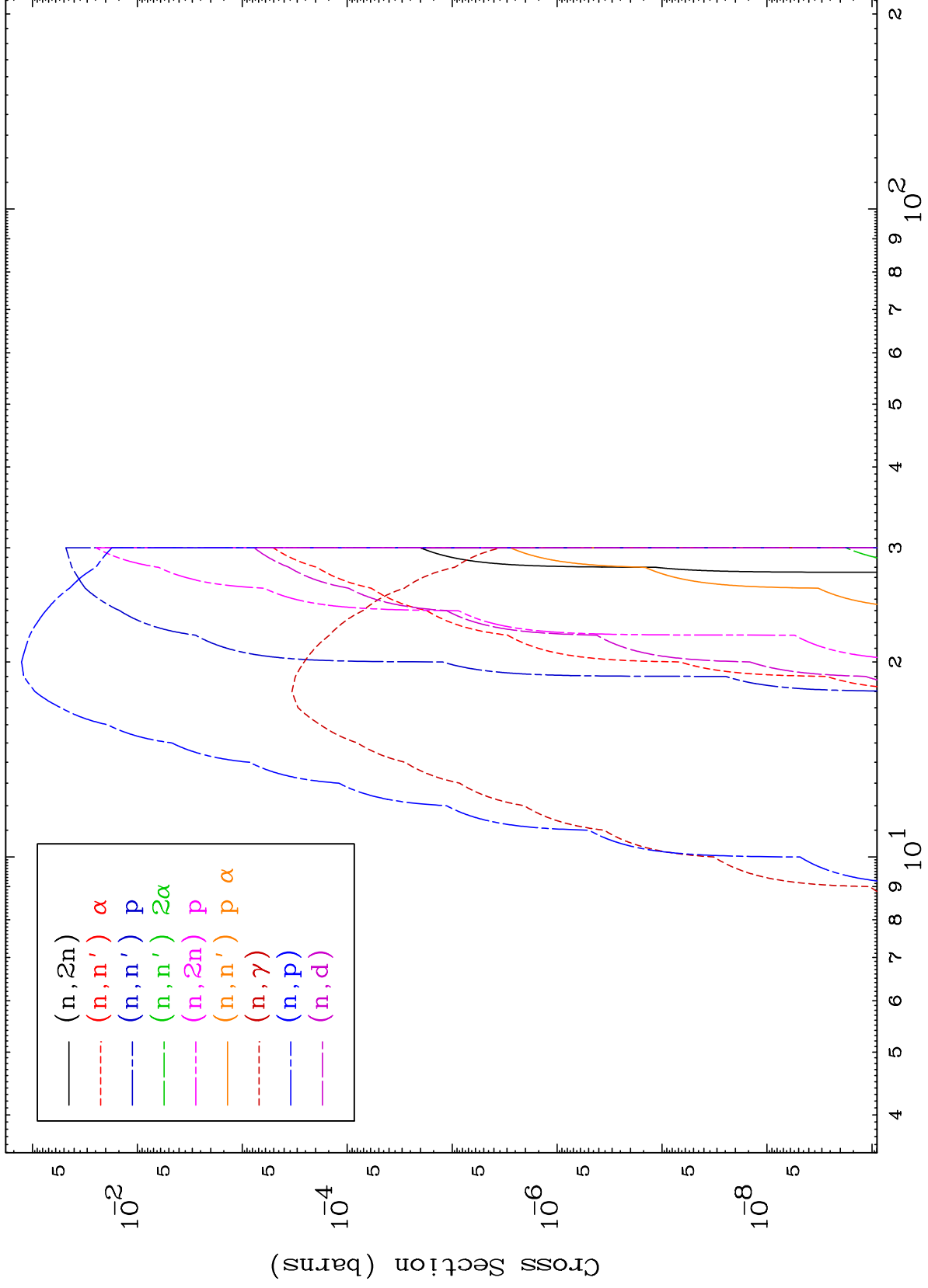
0 Kelvin Cross Sections



1

Incident Energy (MeV)

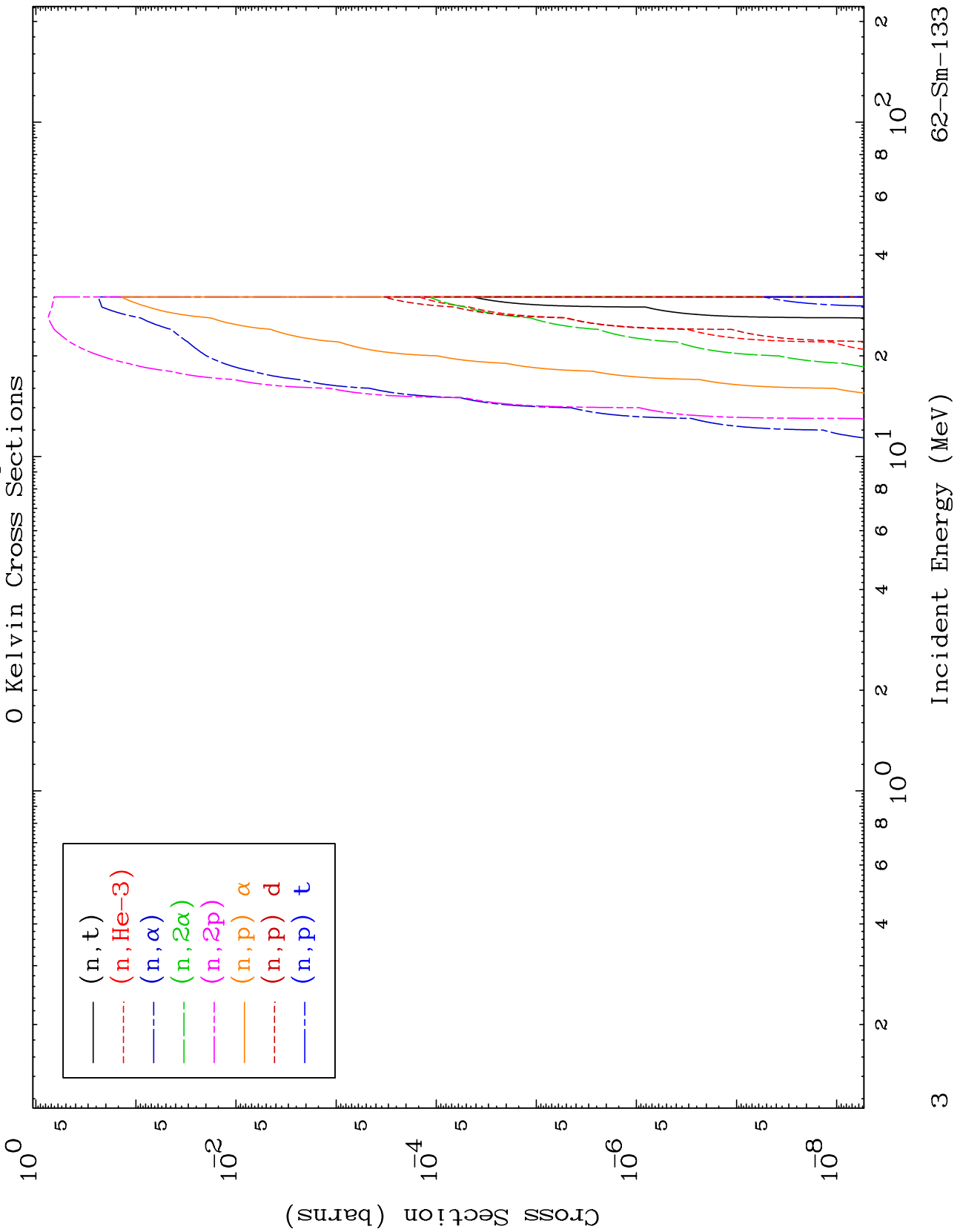
62-Sm-133



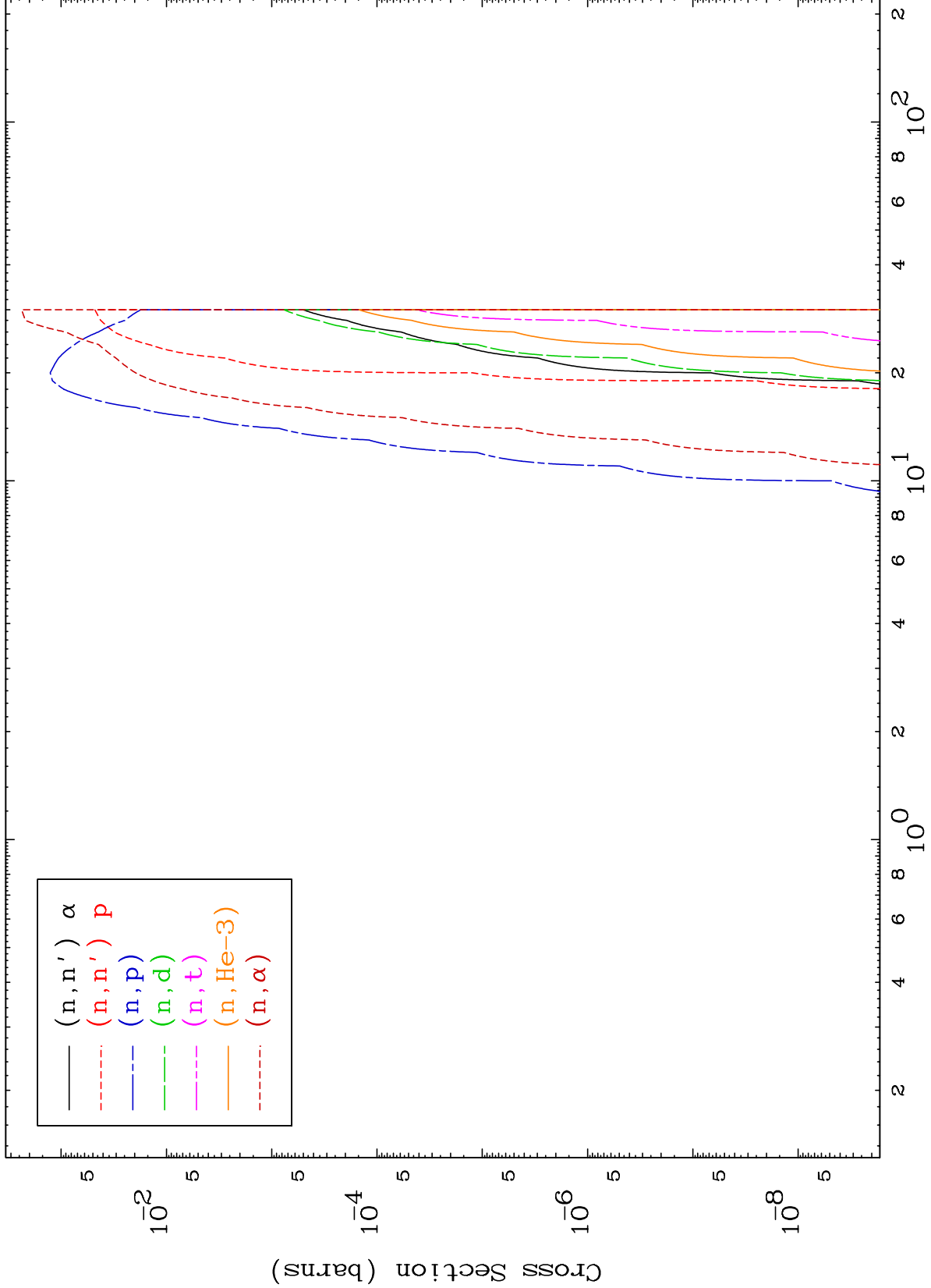
MAT 6192

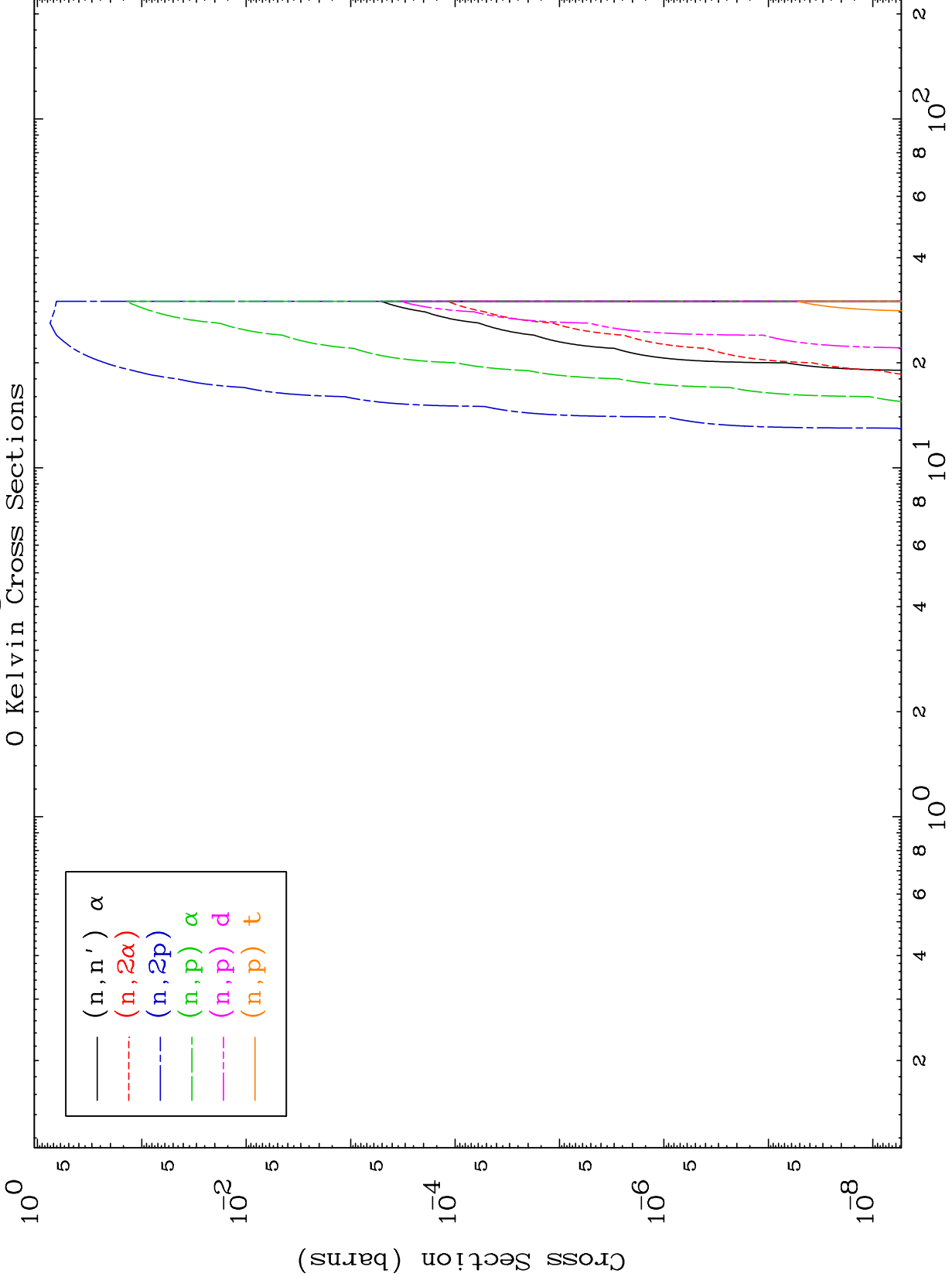
α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-133



0 Kelvin Cross Sections

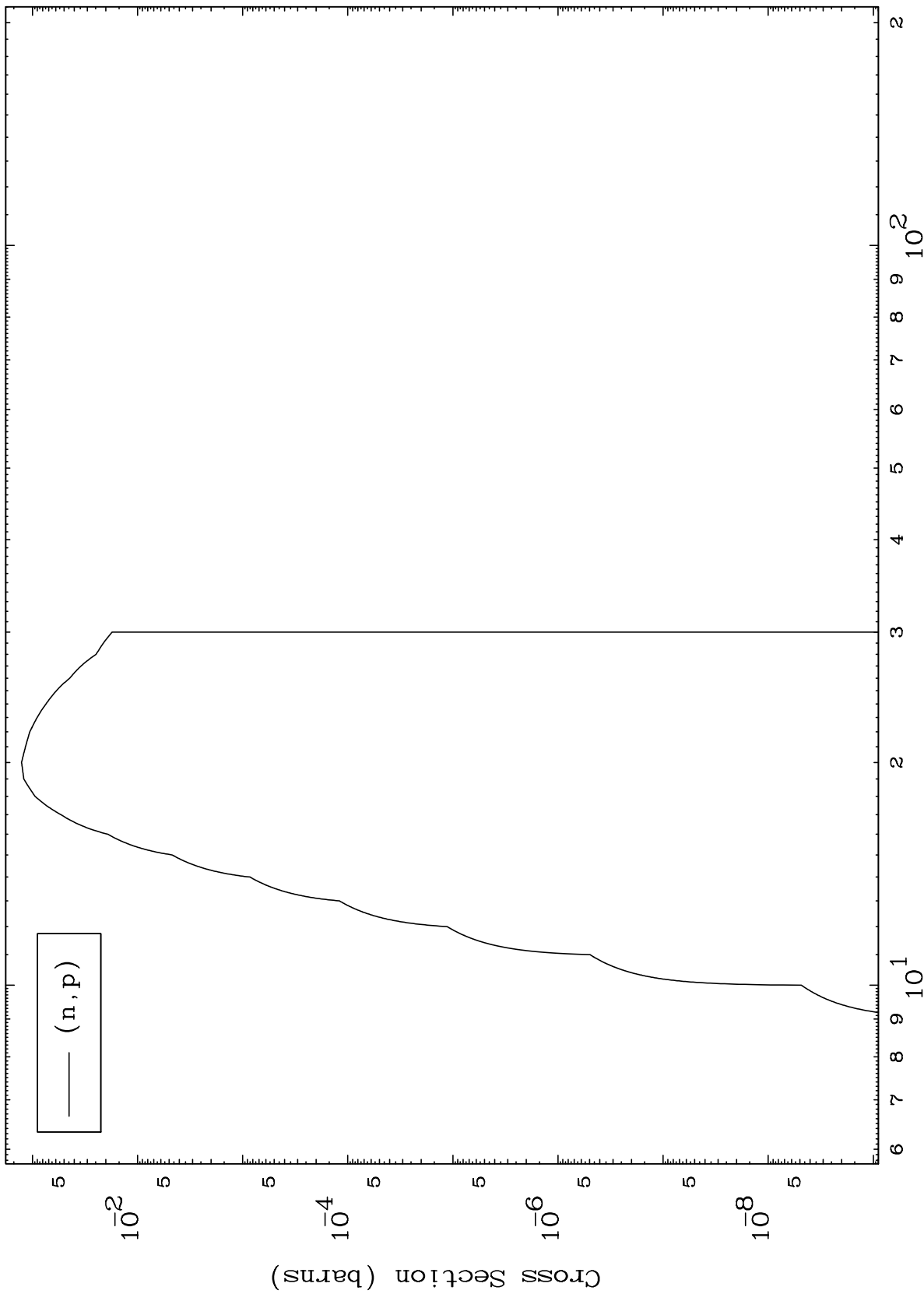




MAT 6192

62-Sm-133

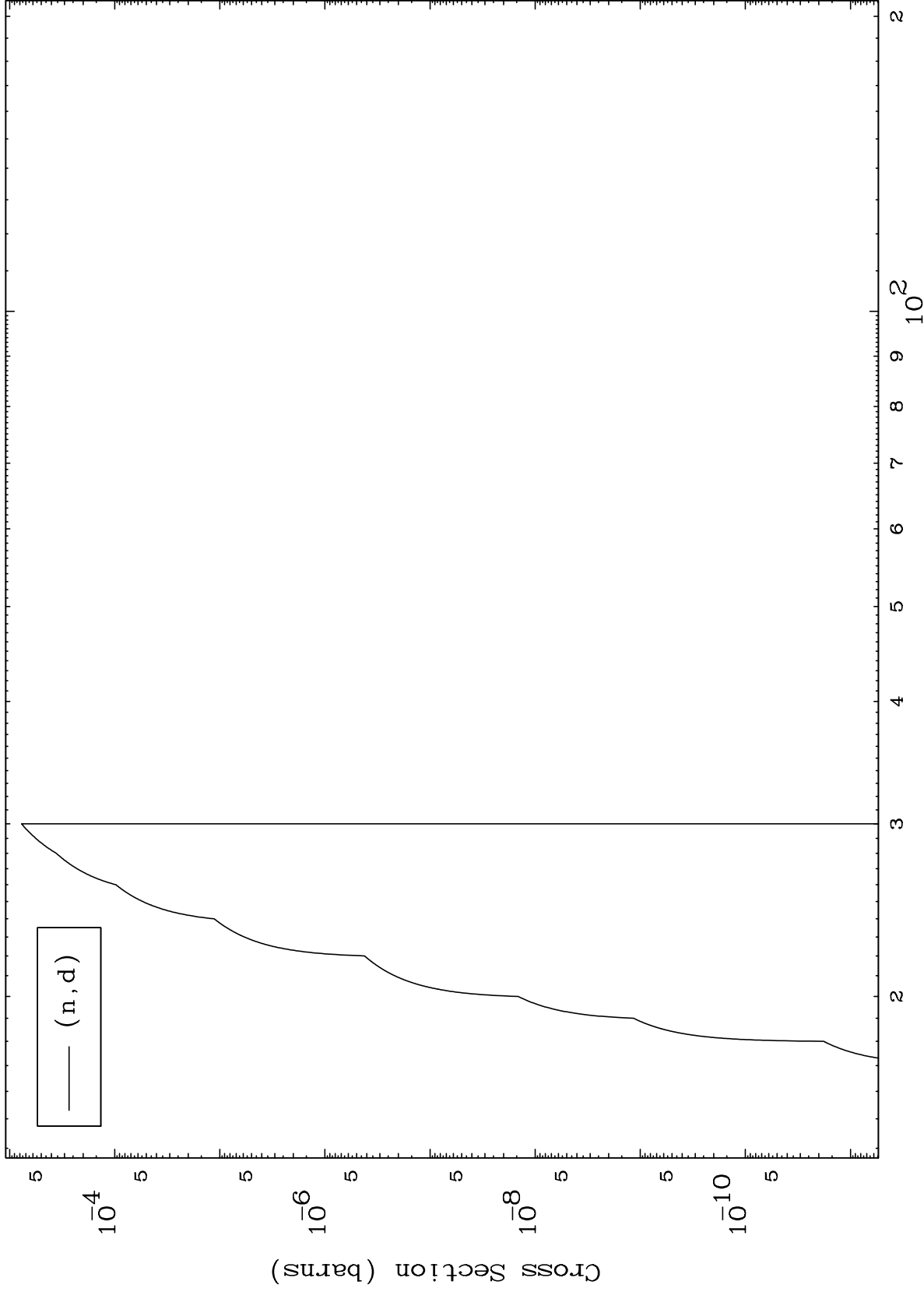
(α, p) Levels
0 Kelvin Cross Sections



6

Incident Energy (MeV)

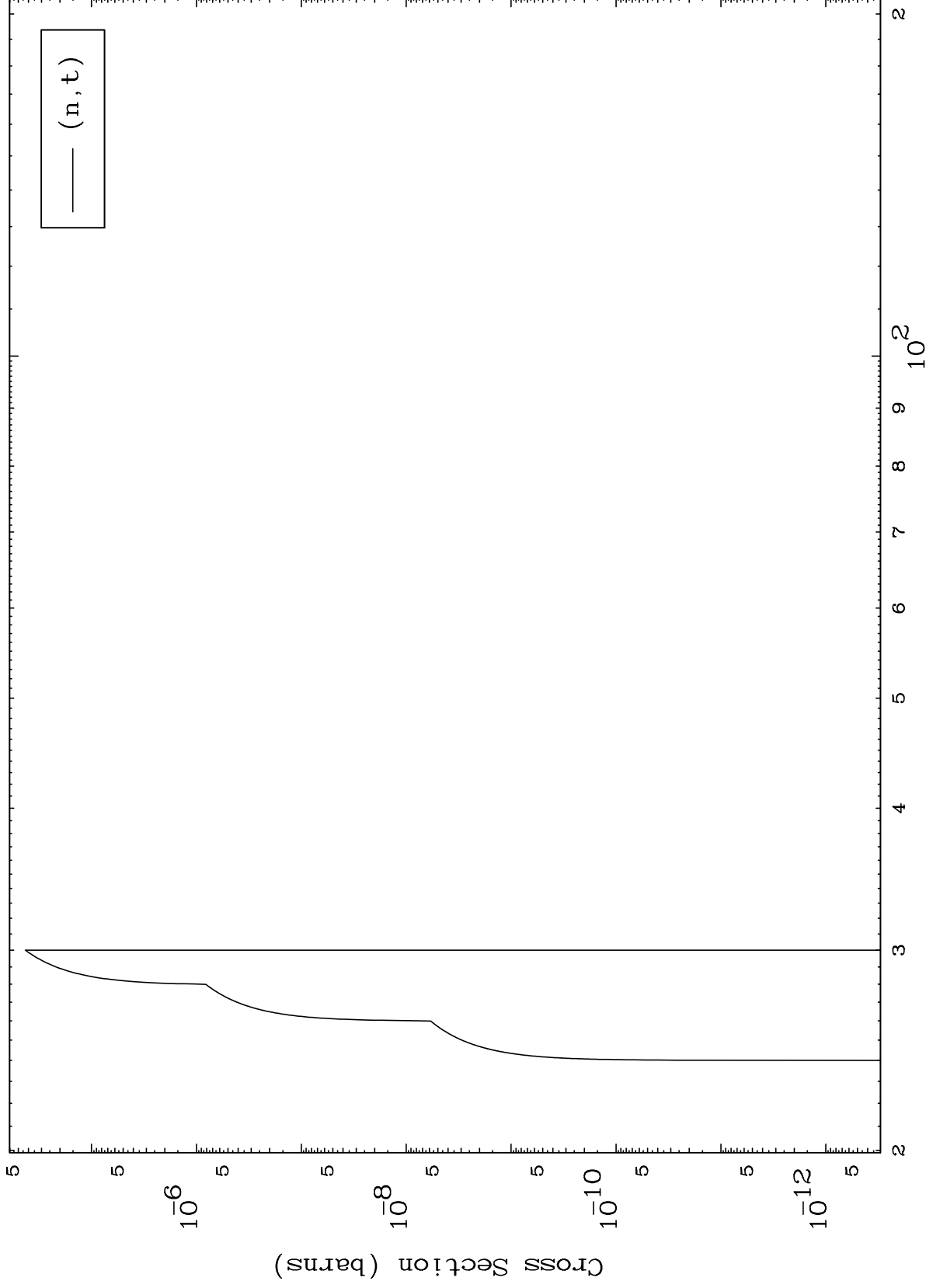
62-Sm-133



MAT 6192

(α, t) Levels
0 Kelvin Cross Sections

62-Sm-133



62-Sm-133

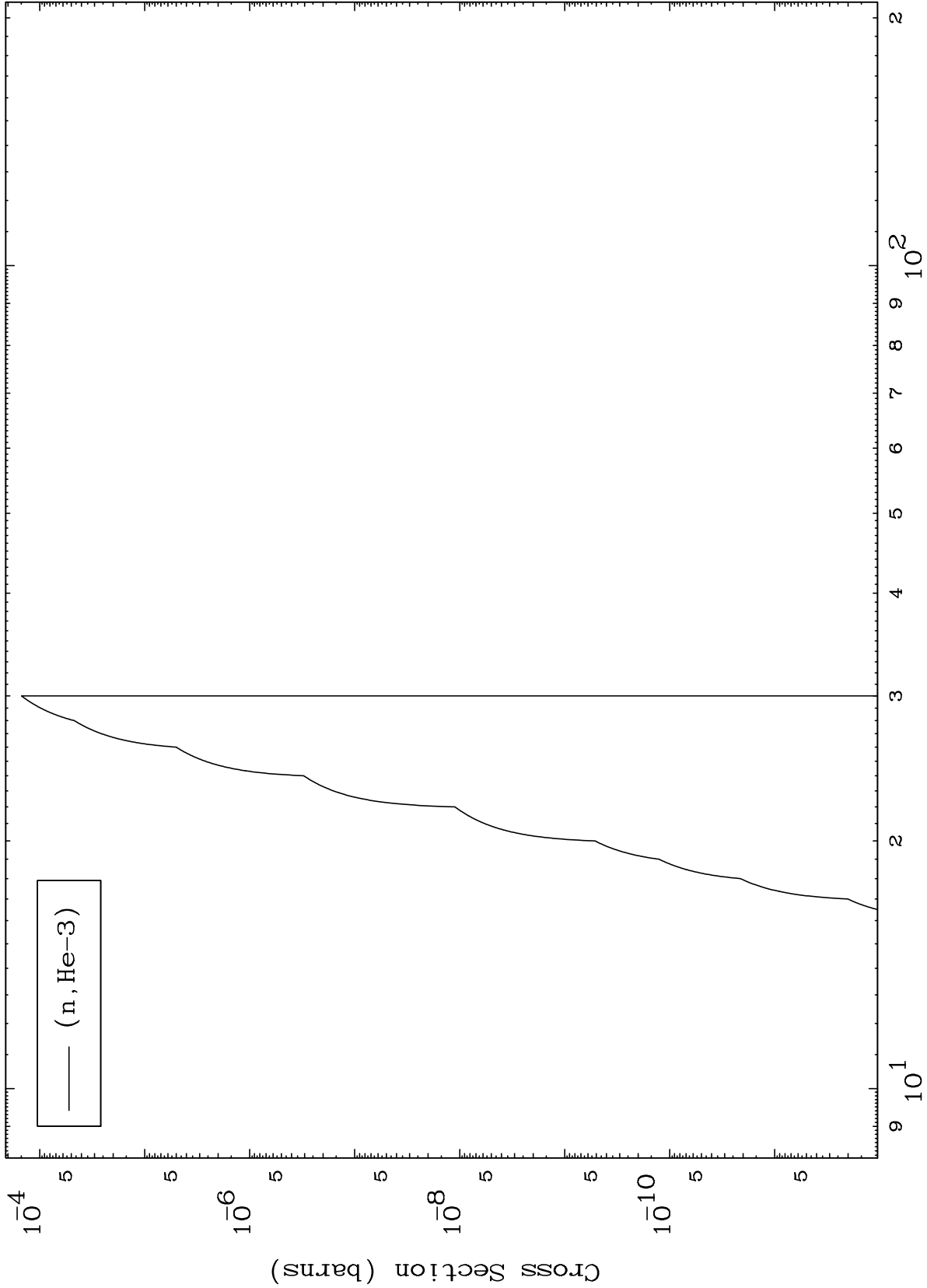
Incident Energy (MeV)

8

MAT 6192

62-Sm-133

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

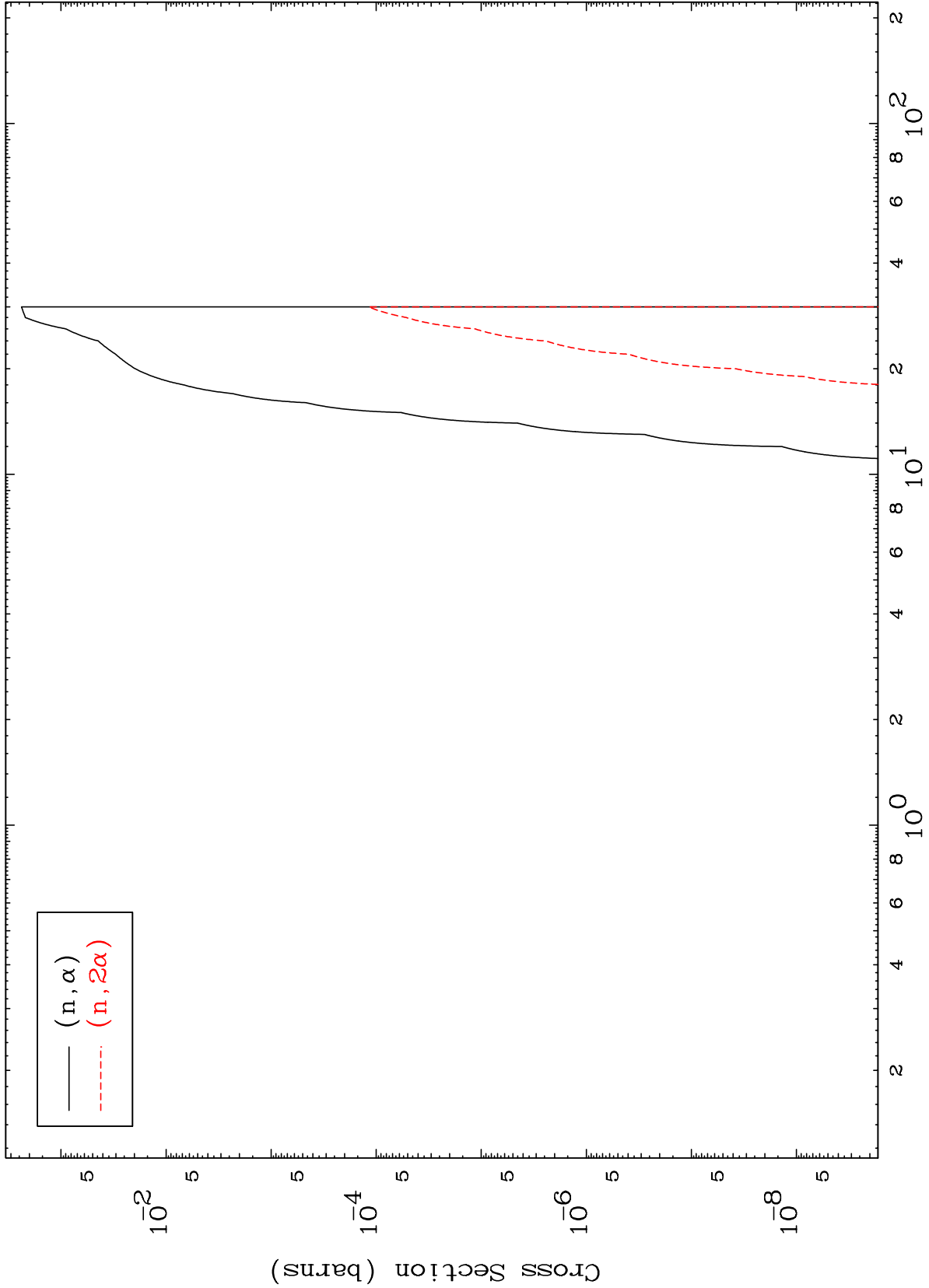
62-Sm-133

MAT 6192

(α, α) Levels

62-Sm-133

0 Kelvin Cross Sections



10

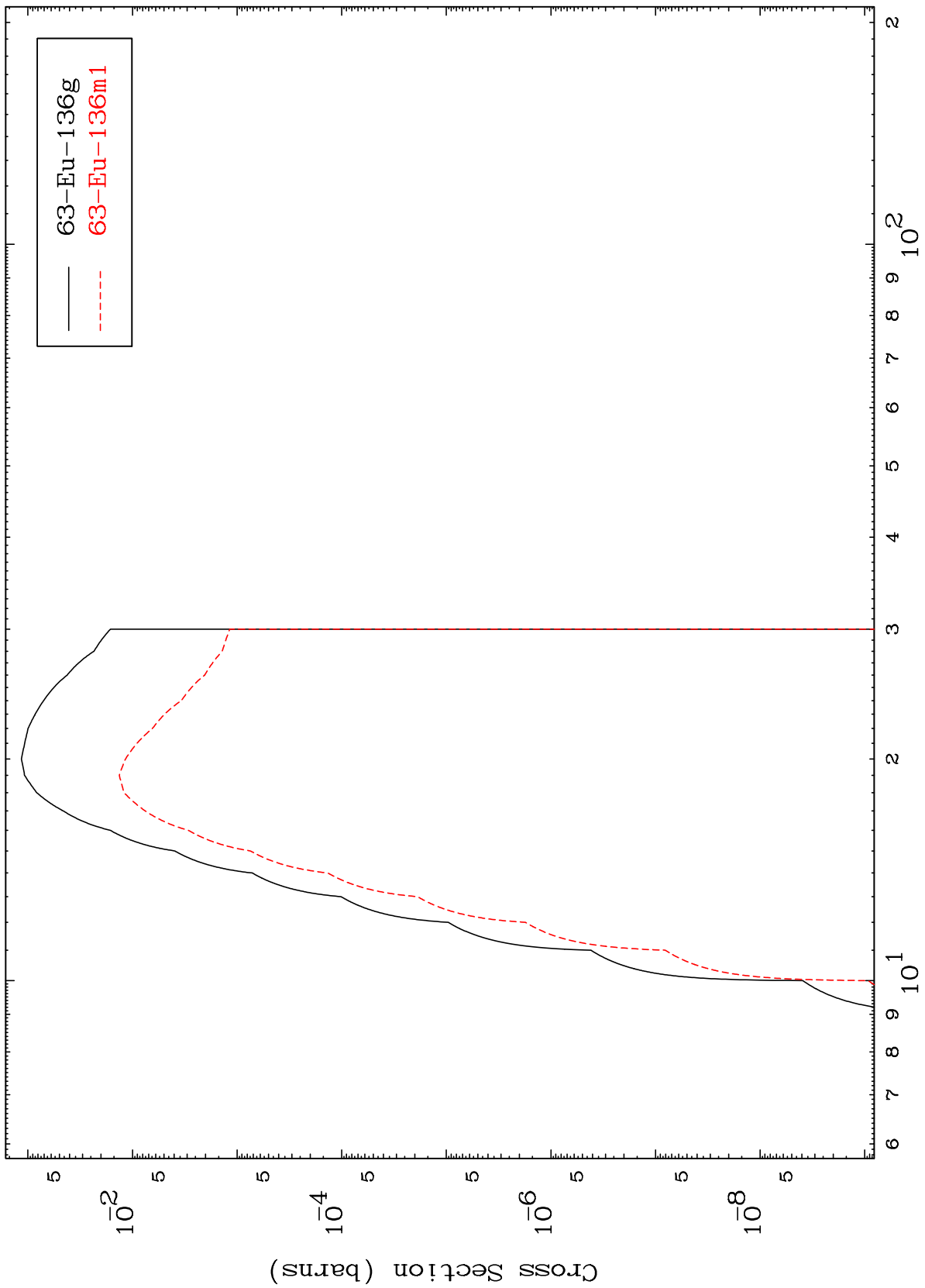
Incident Energy (MeV)

62-Sm-133

MAT 6192

62-Sm-133

(n,p)
Radionuclide Production Cross Section



11

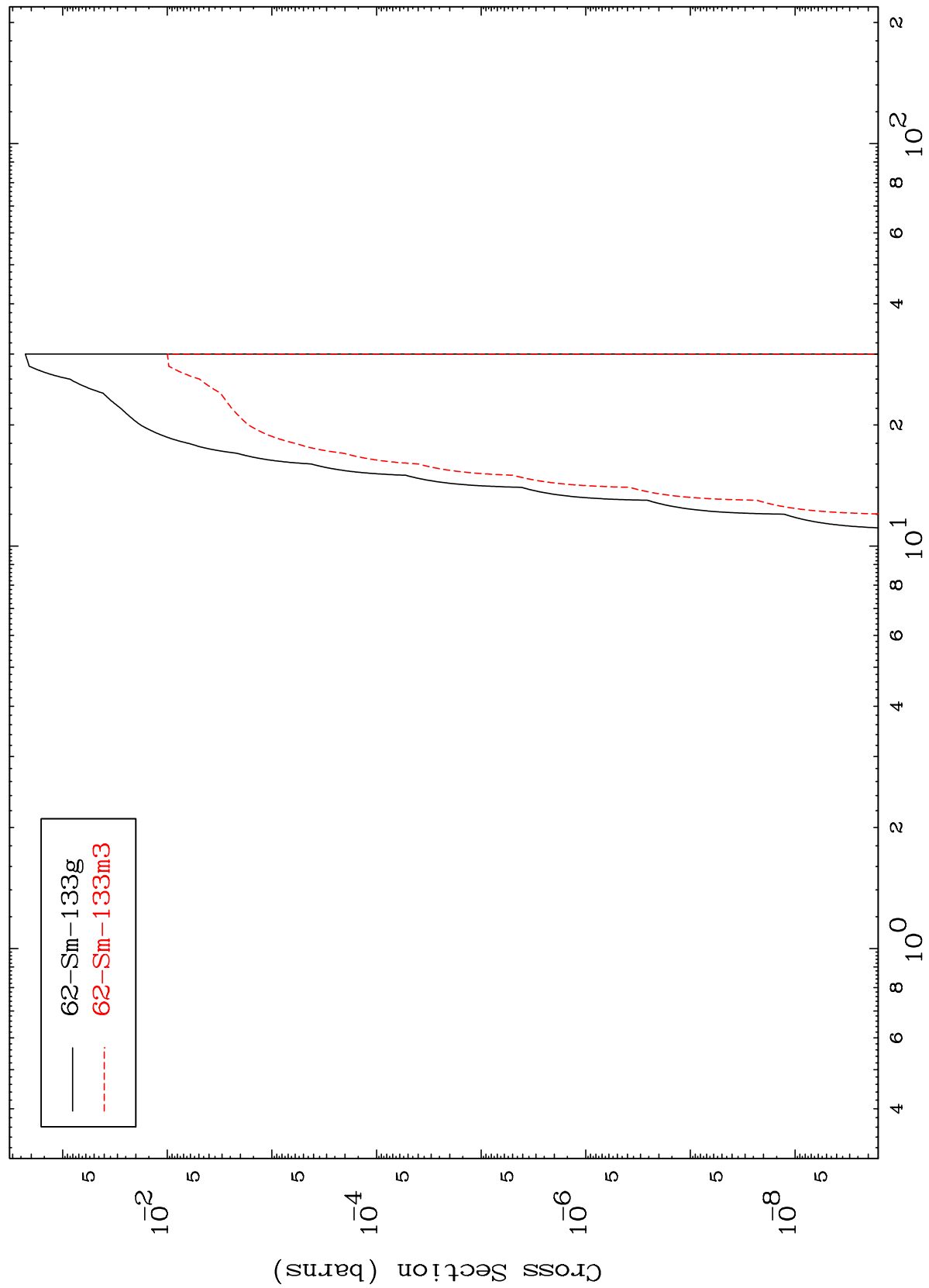
Incident Energy (MeV)

62-Sm-133

MAT 6192

62-Sm-133

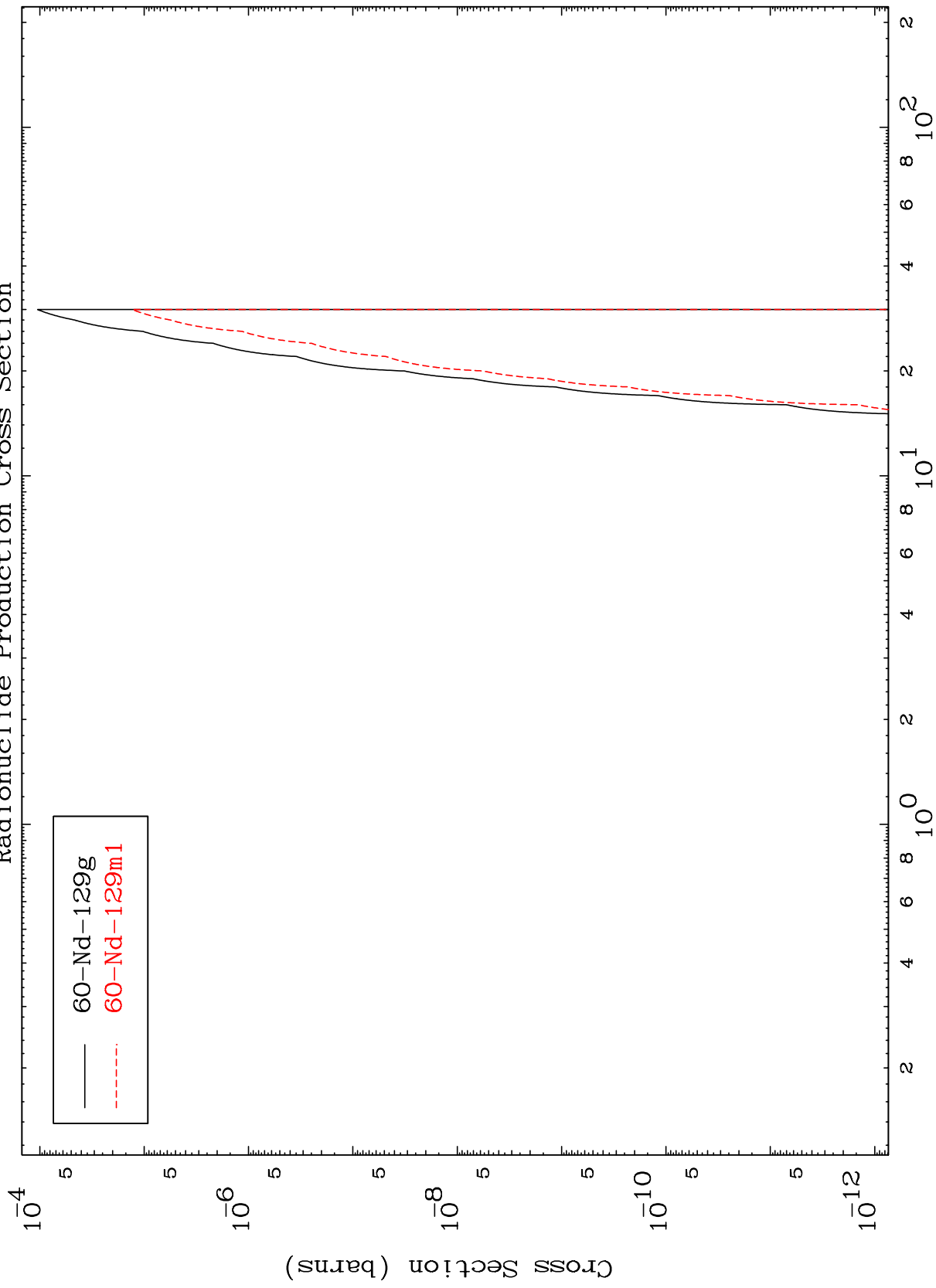
(n, α)
Radionuclide Production Cross Section



MAT 6192

62-Sm-133

Radionuclide Production Cross Section



Incident Energy (MeV)

62-Sm-133

13

