

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

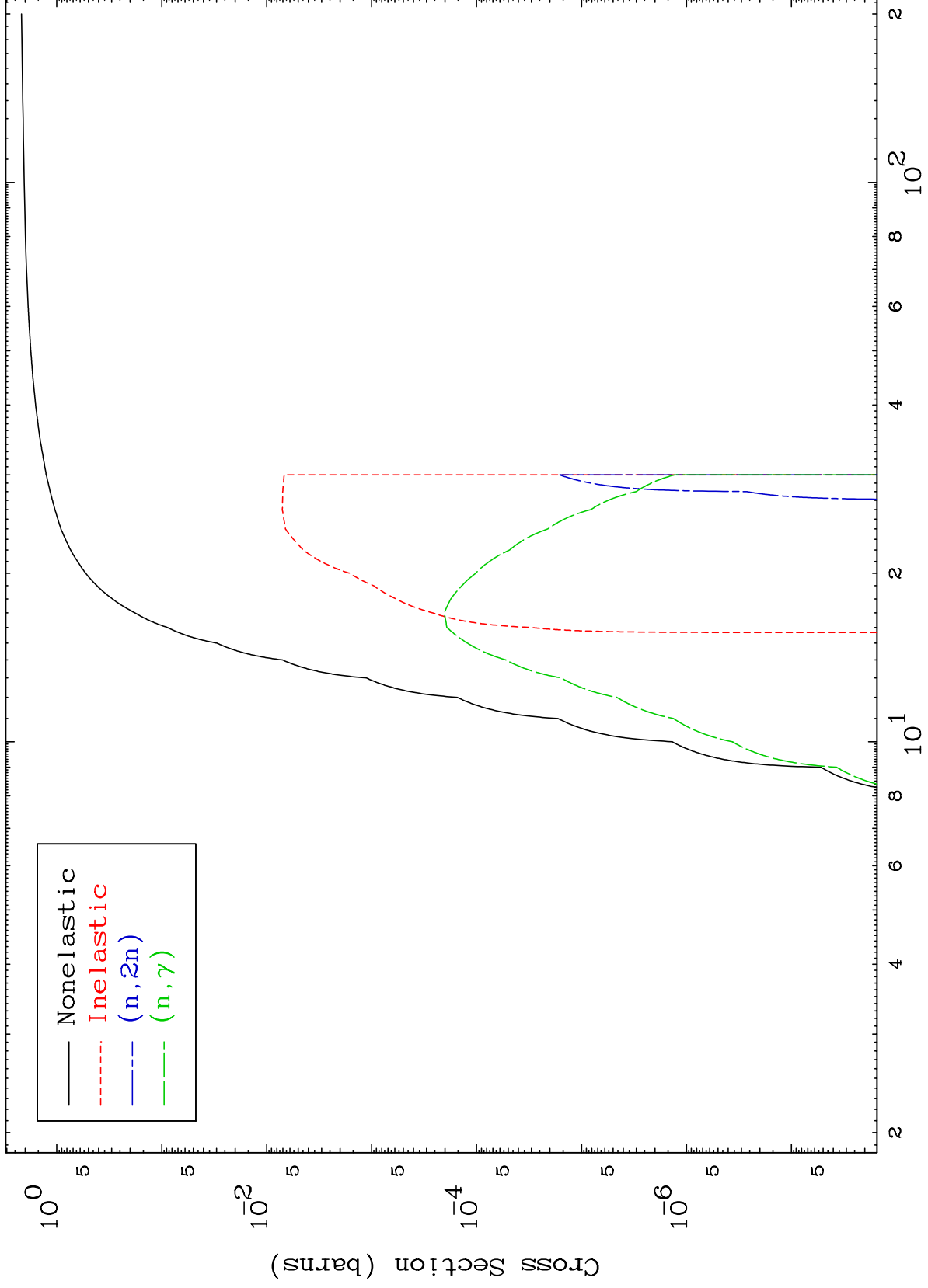
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5589

0 Kelvin Cross Sections

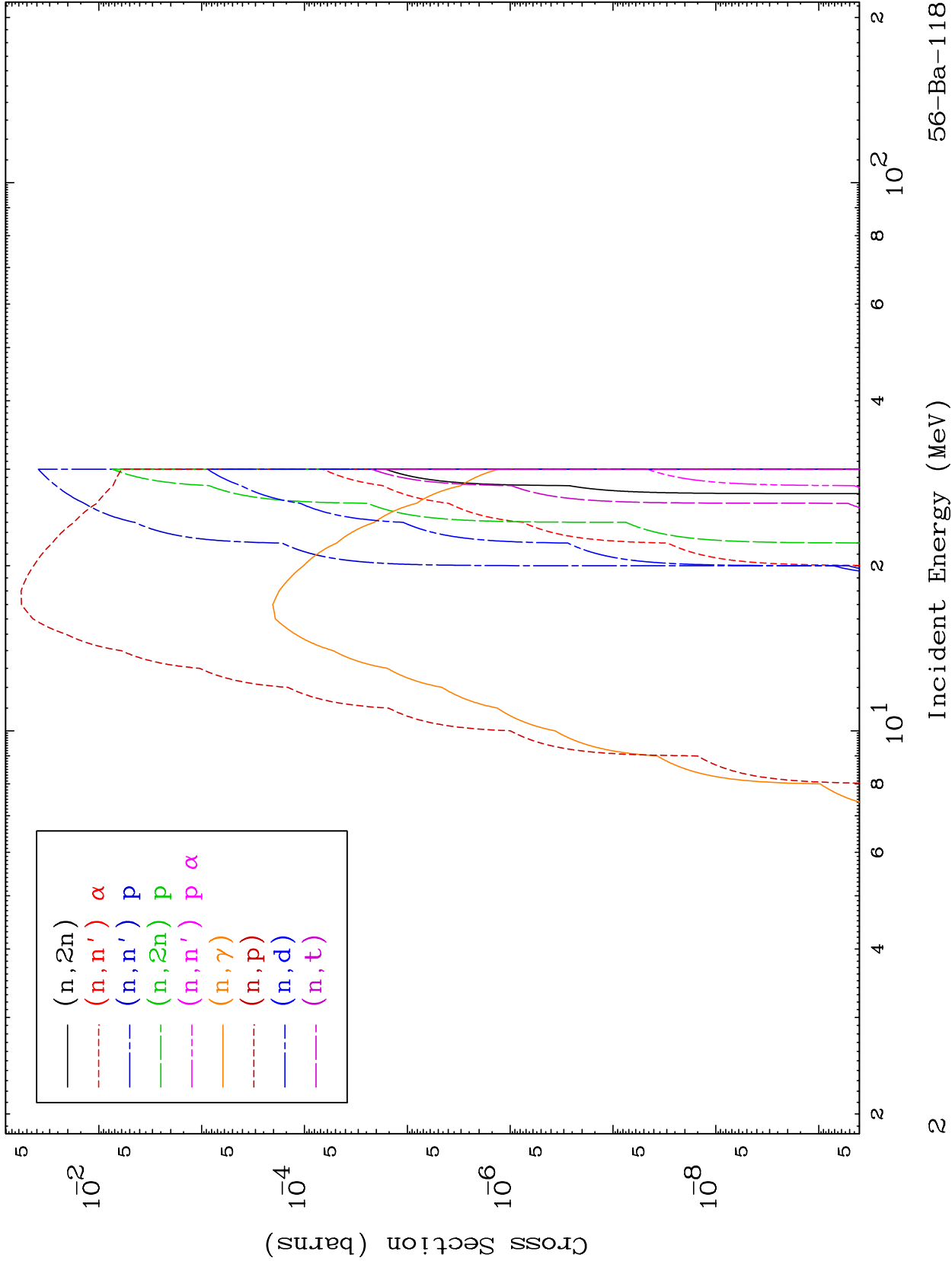
56-Ba-118



56-Ba-118

Incident Energy (MeV)

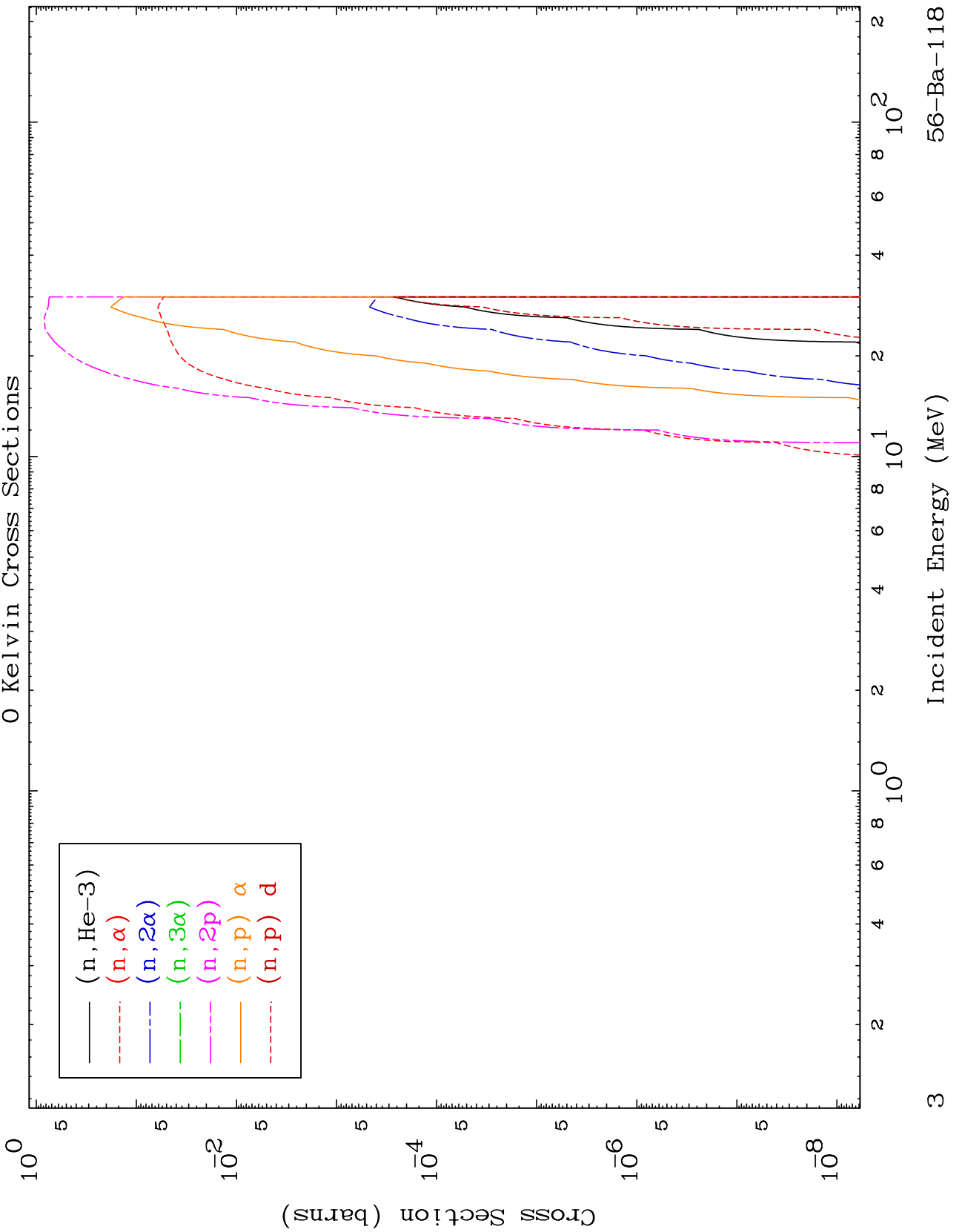
1



MAT 5589

α Neutron Absorption
0 Kelvin Cross Sections

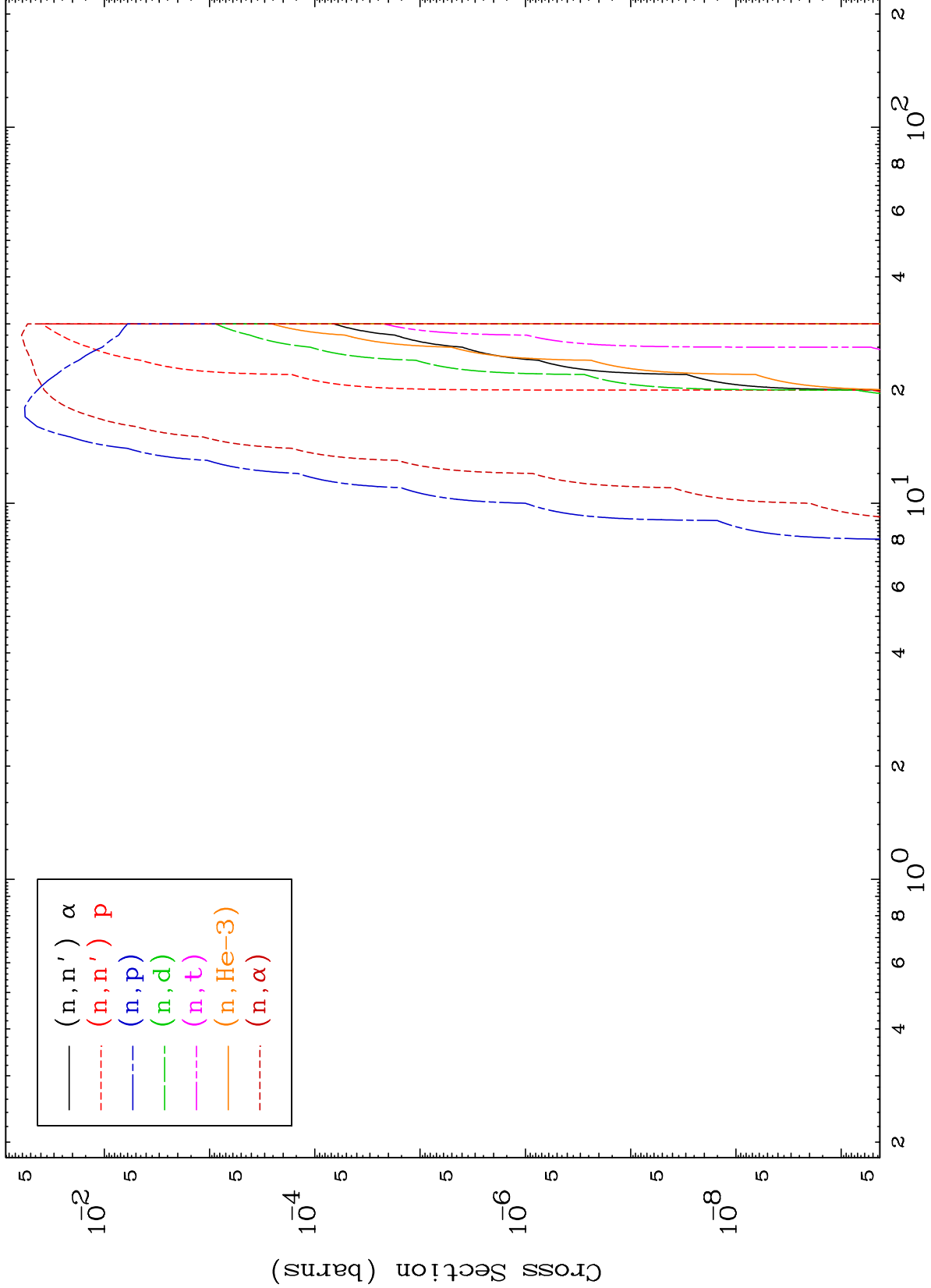
56-Ba-118

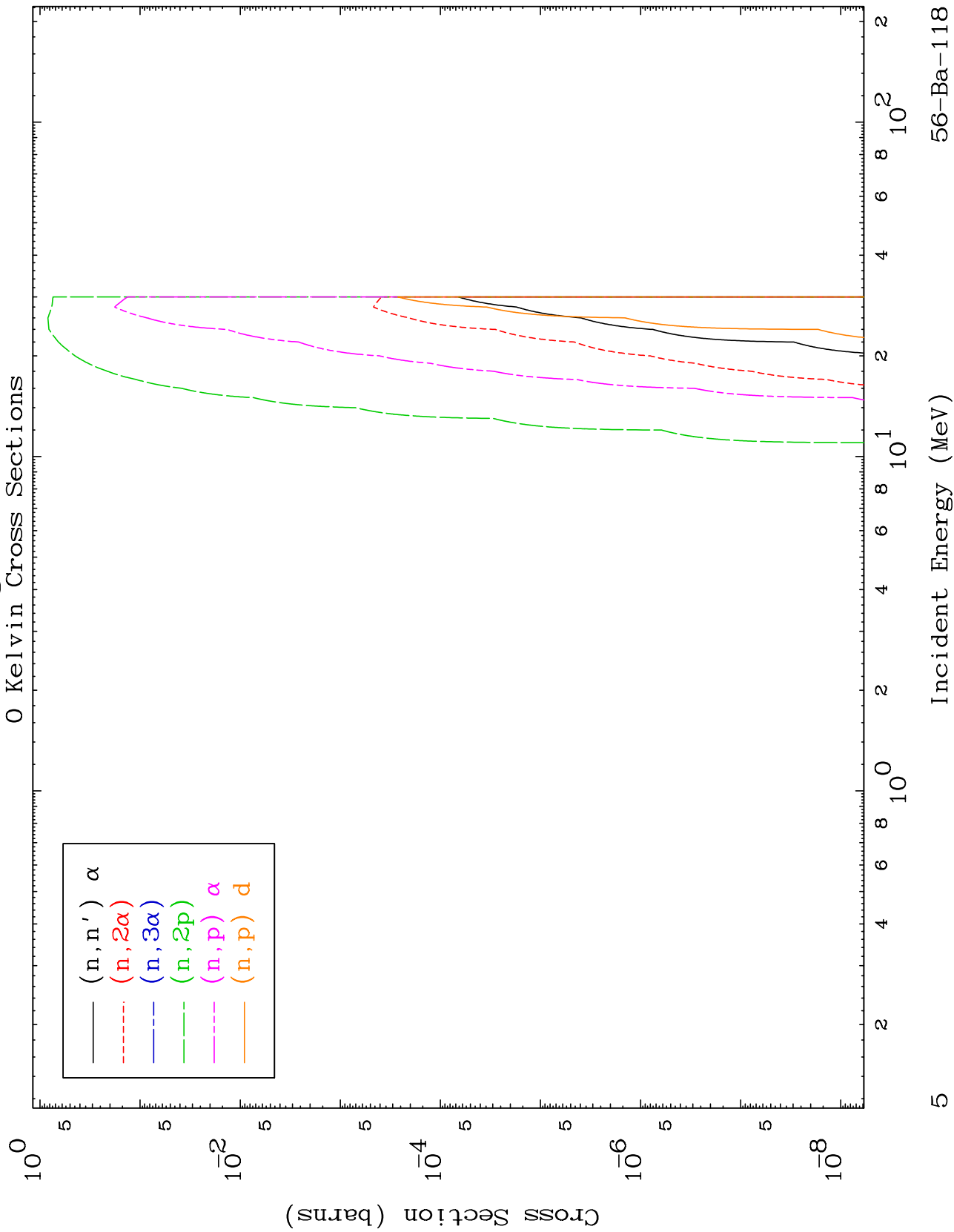


MAT 5589

α Charged Particle
0 Kelvin Cross Sections

56-Ba-118



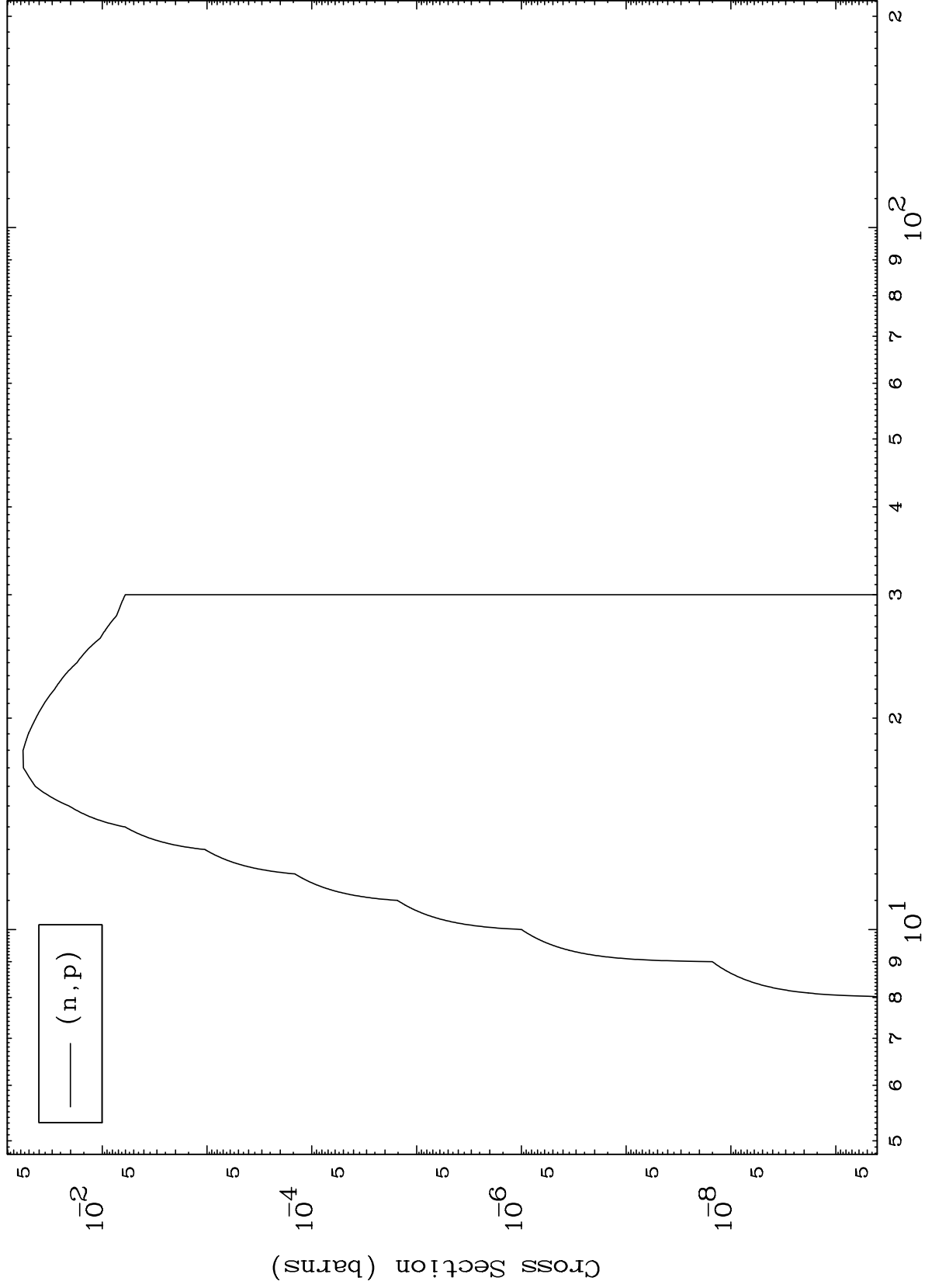


MAT 5589

(α, p) Levels

56-Ba-118

0 Kelvin Cross Sections



Incident Energy (MeV)

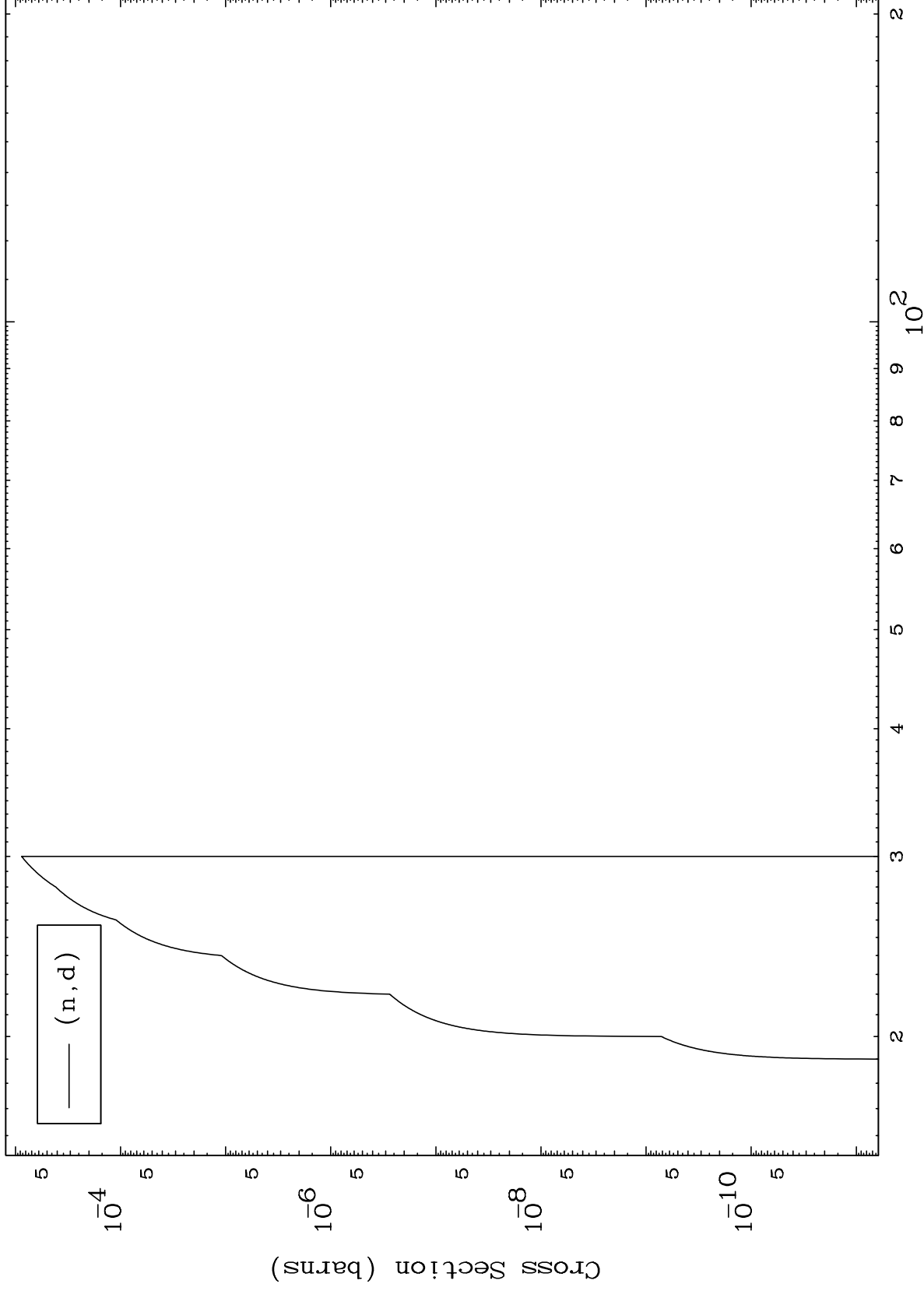
56-Ba-118

6

MAT 5589

(α, d) Levels
0 Kelvin Cross Sections

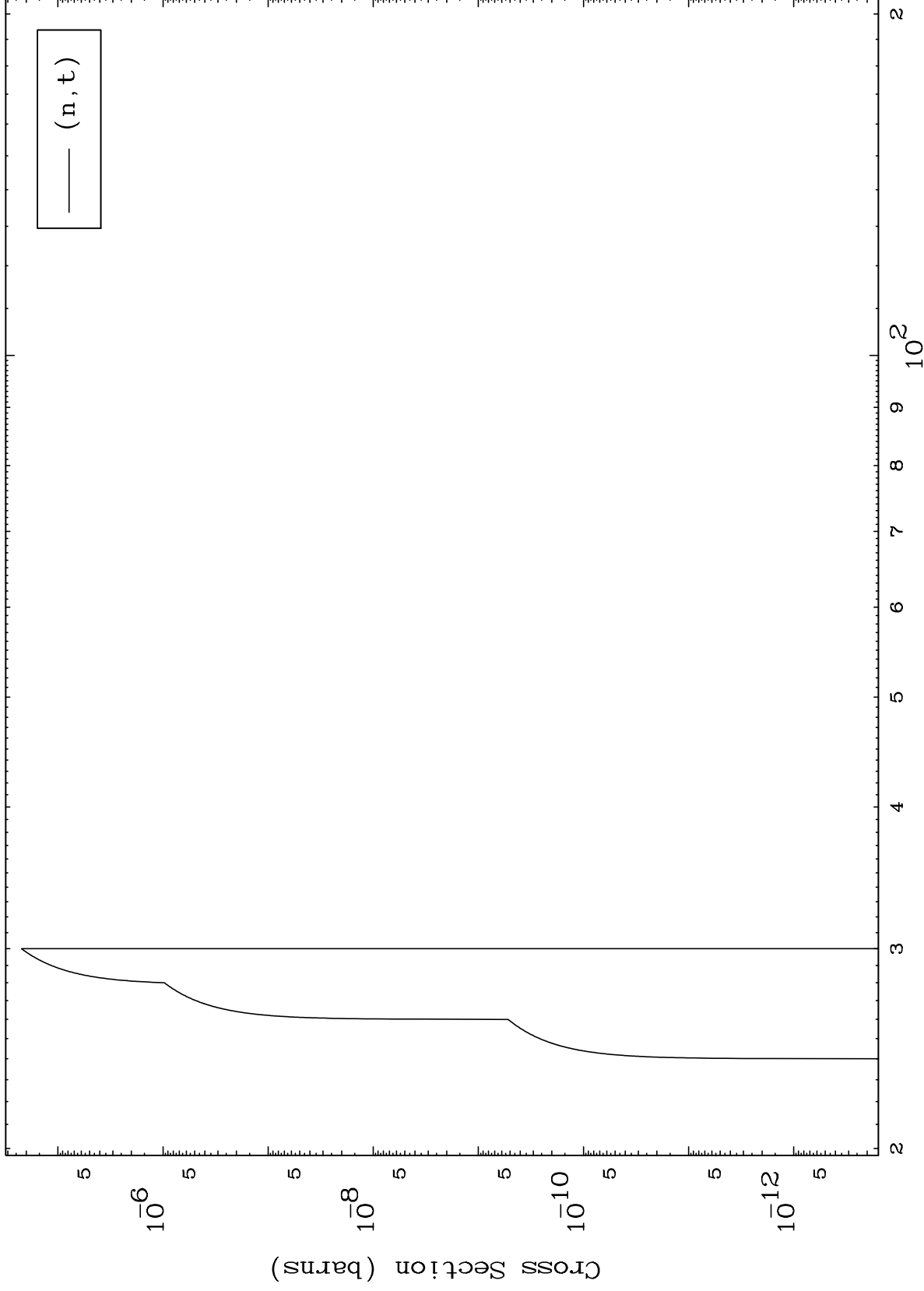
56-Ba-118



MAT 5589

(α, t) Levels
0 Kelvin Cross Sections

56-Ba-118

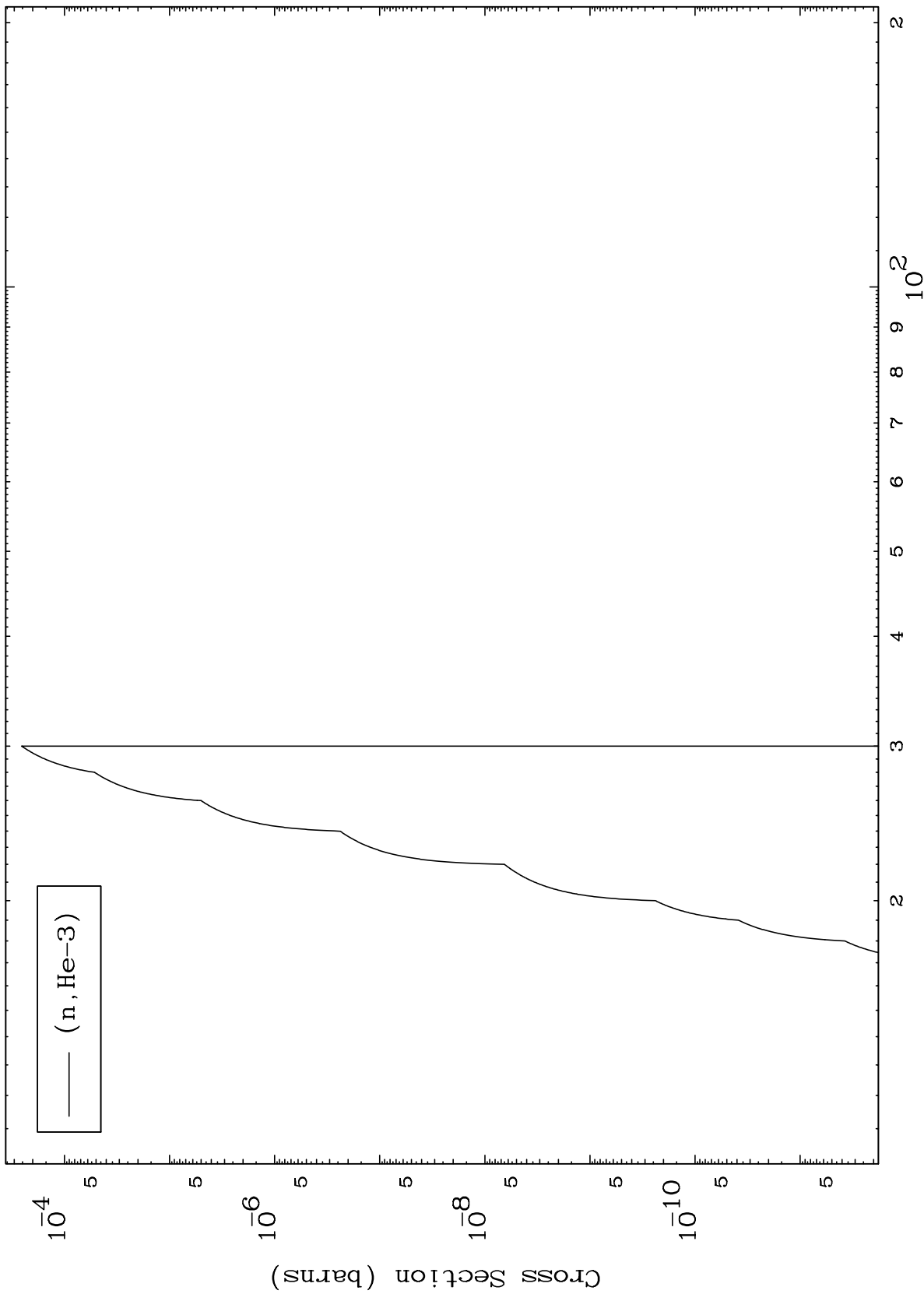


8

Incident Energy (MeV)

56-Ba-118

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



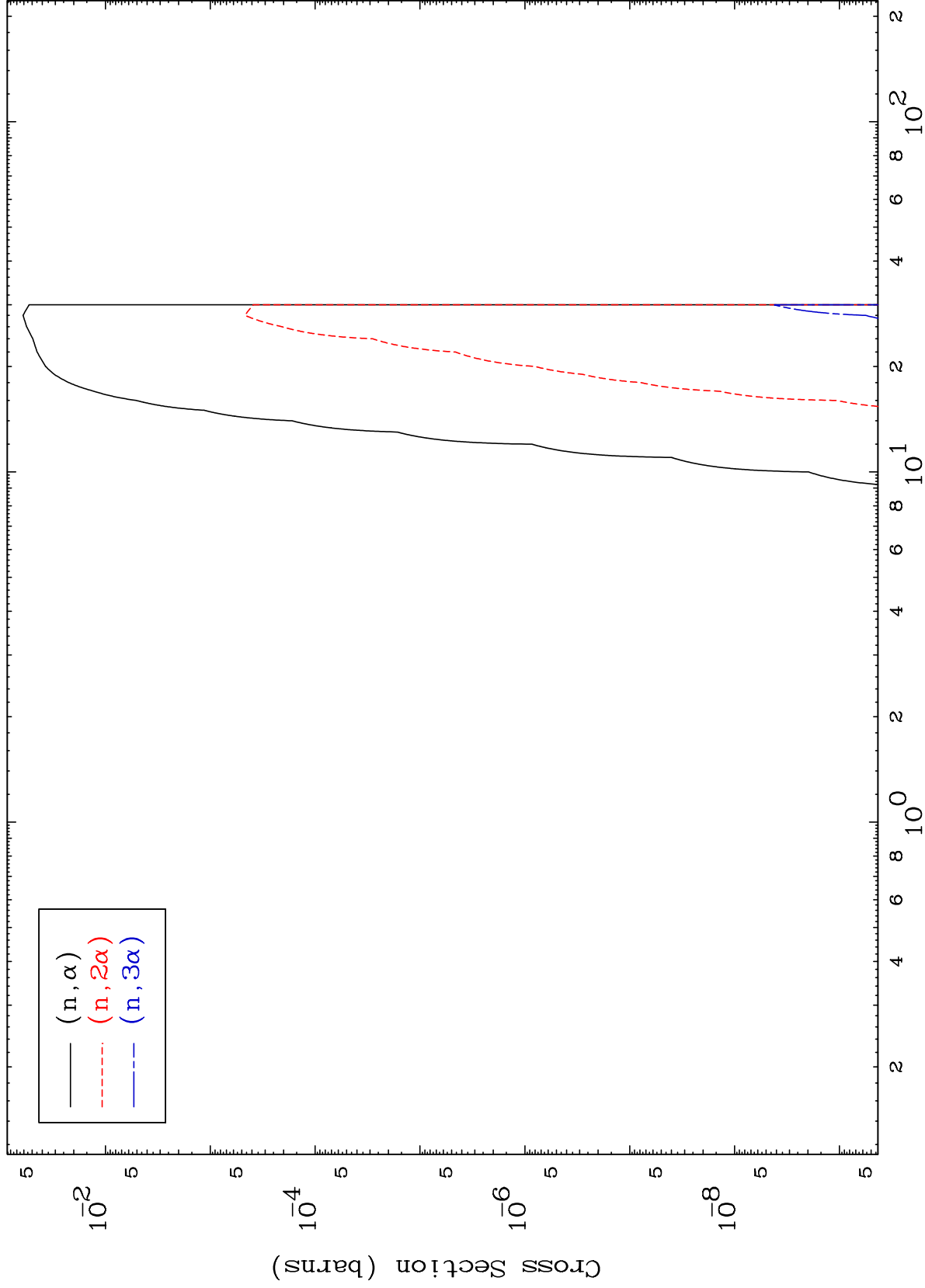
Incident Energy (MeV)

MAT 5589

(α, α) Levels

56-Ba-118

0 Kelvin Cross Sections



10

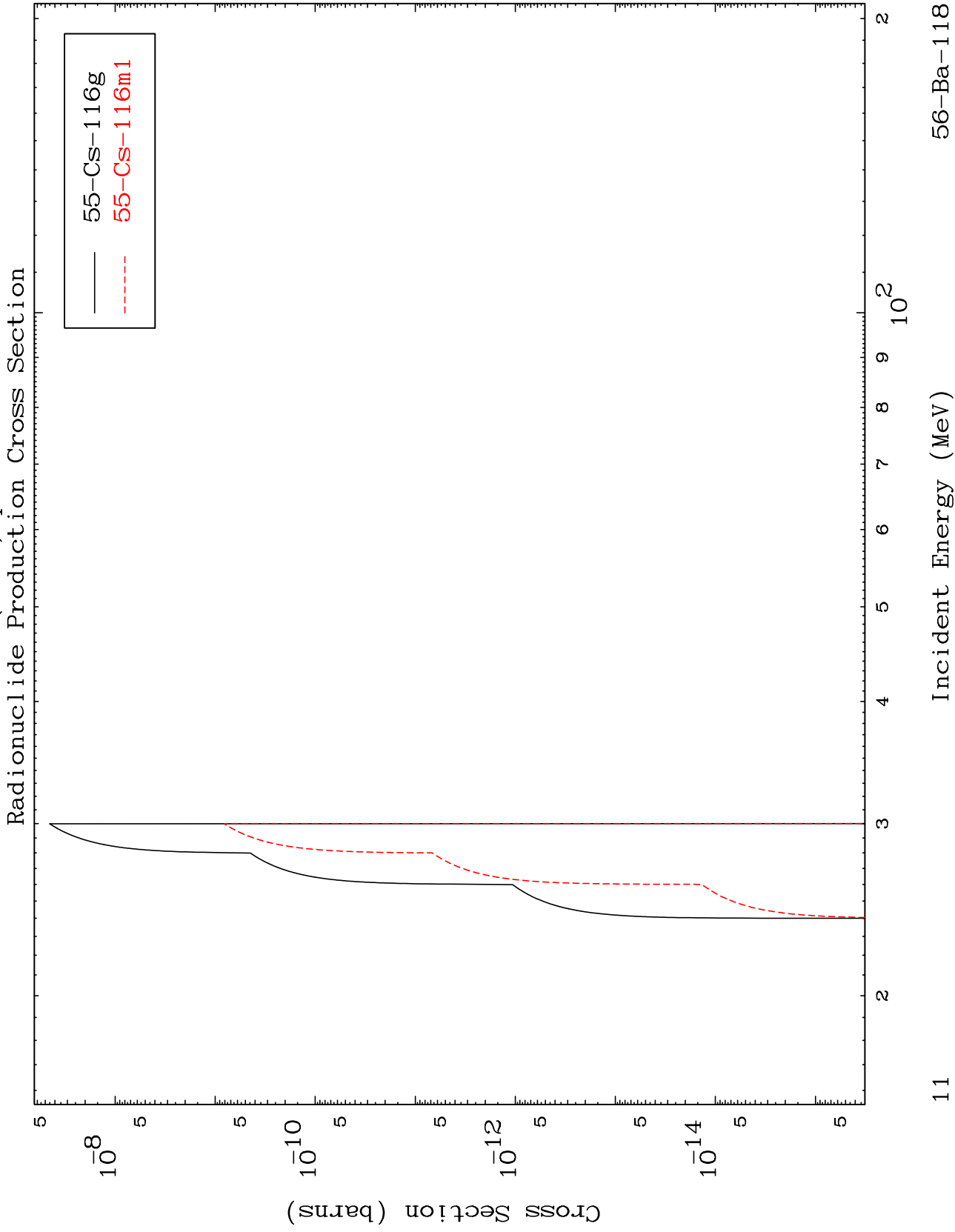
Incident Energy (MeV)

56-Ba-118

MAT 5589

(n,n') p α

56-Ba-118



11

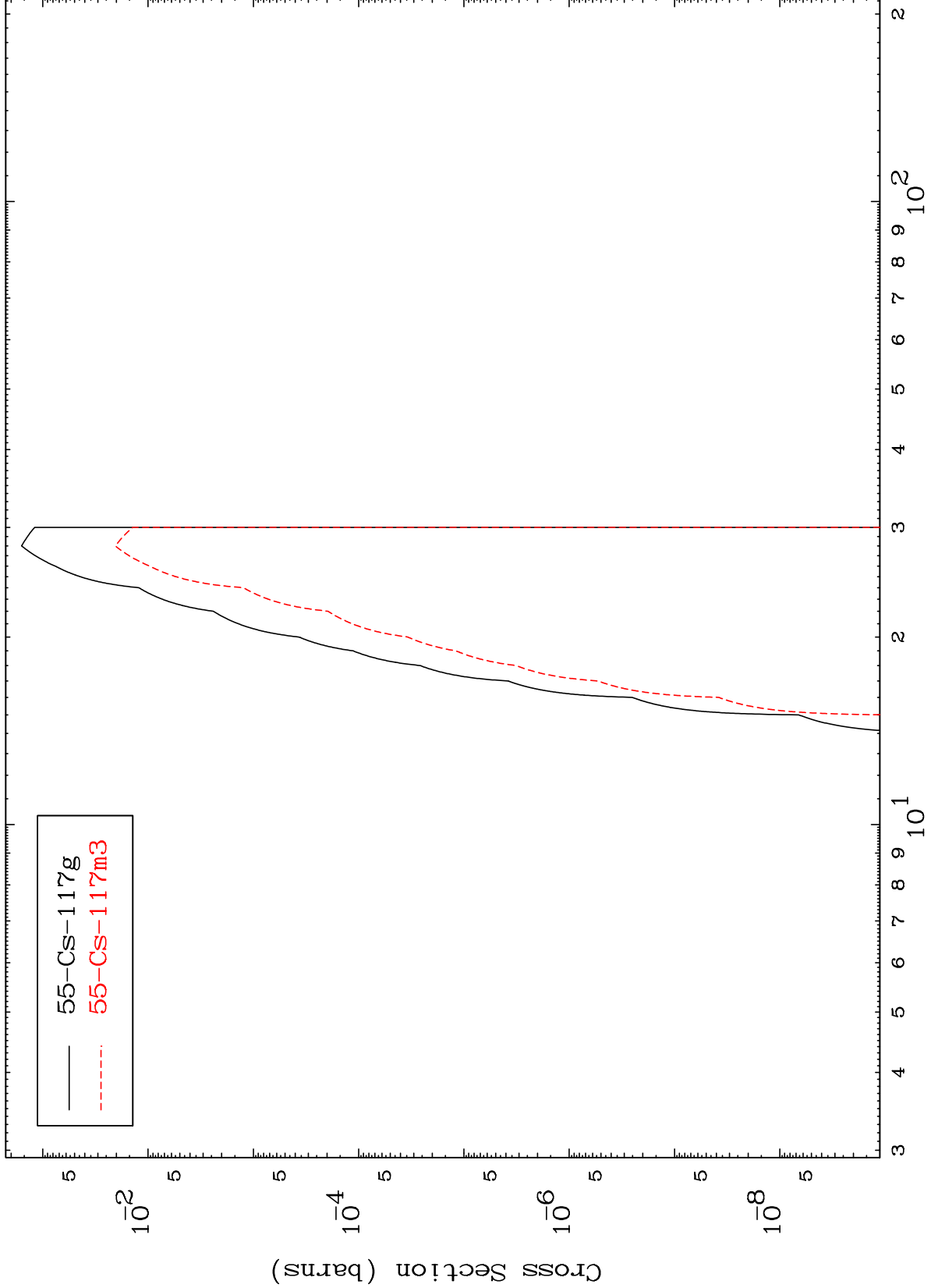
56-Ba-118

MAT 5589

(n,p) α

56-Ba-118

Radionuclide Production Cross Section



55-Cs-117g
55-Cs-117m3

12

Incident Energy (MeV)

56-Ba-118