

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

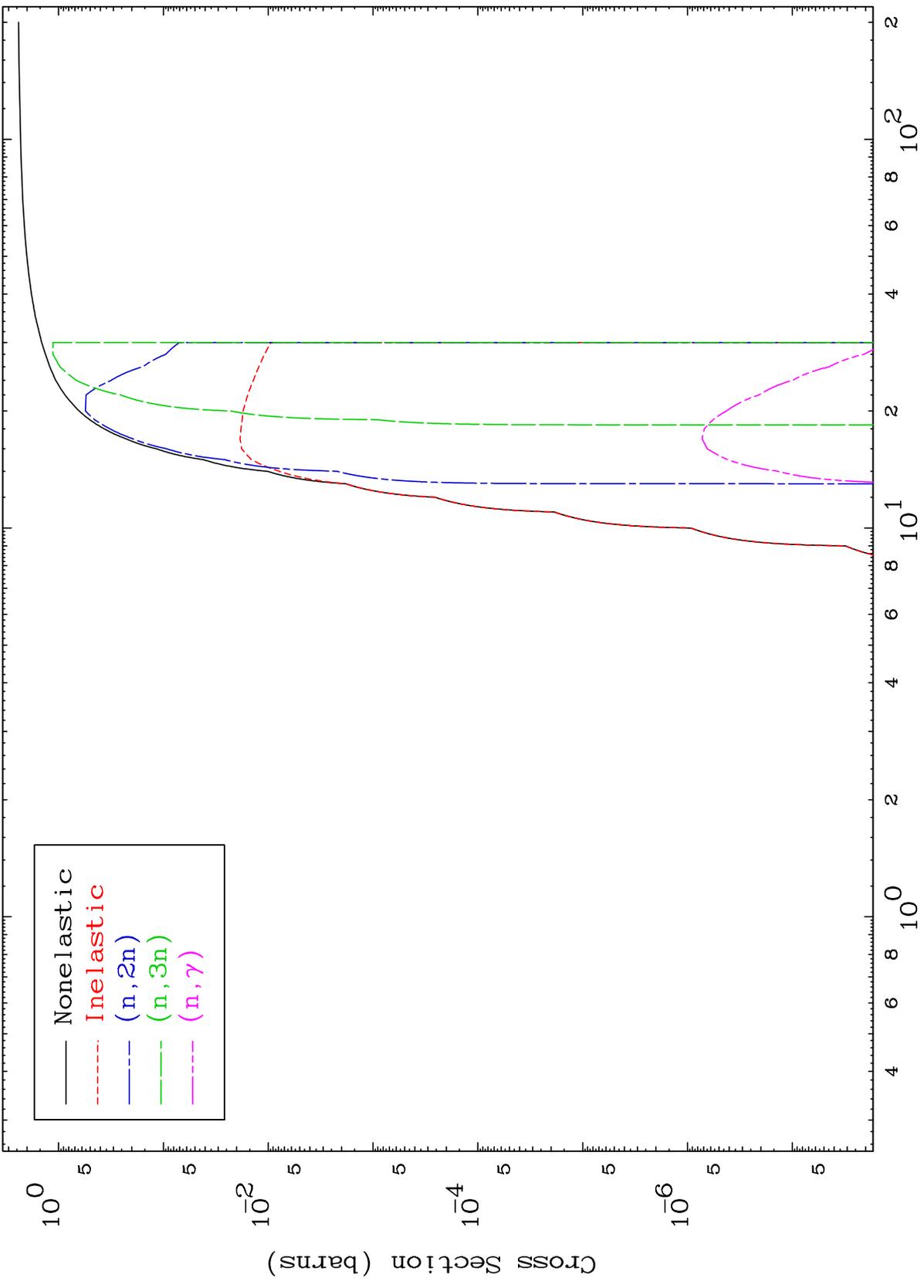
Press Mouse Button to Start

MAT 5852

α Major

58-Ce-145

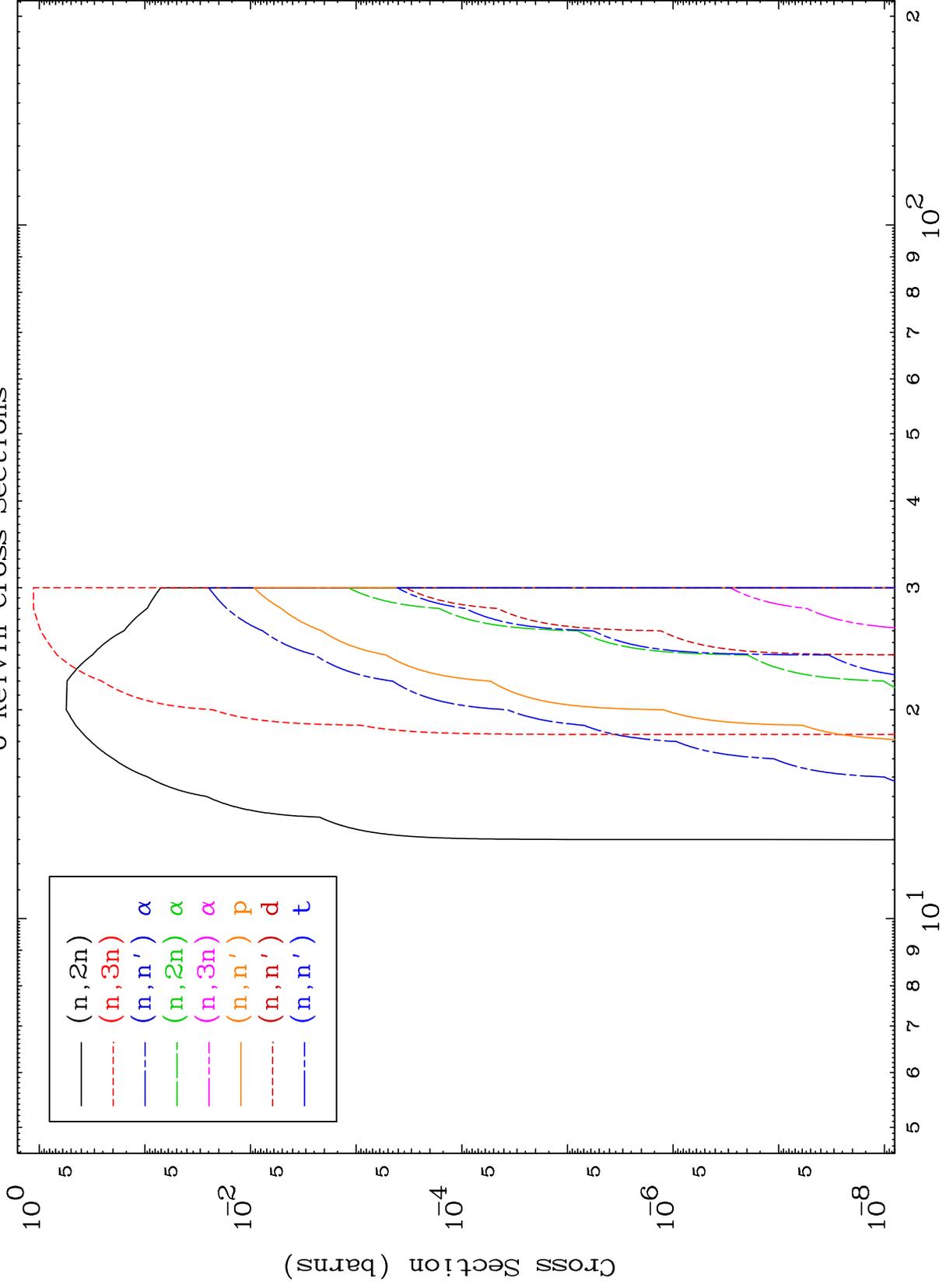
0 Kelvin Cross Sections



MAT 5852

α Neutron Absorption
0 Kelvin Cross Sections

58-Ce-145



2

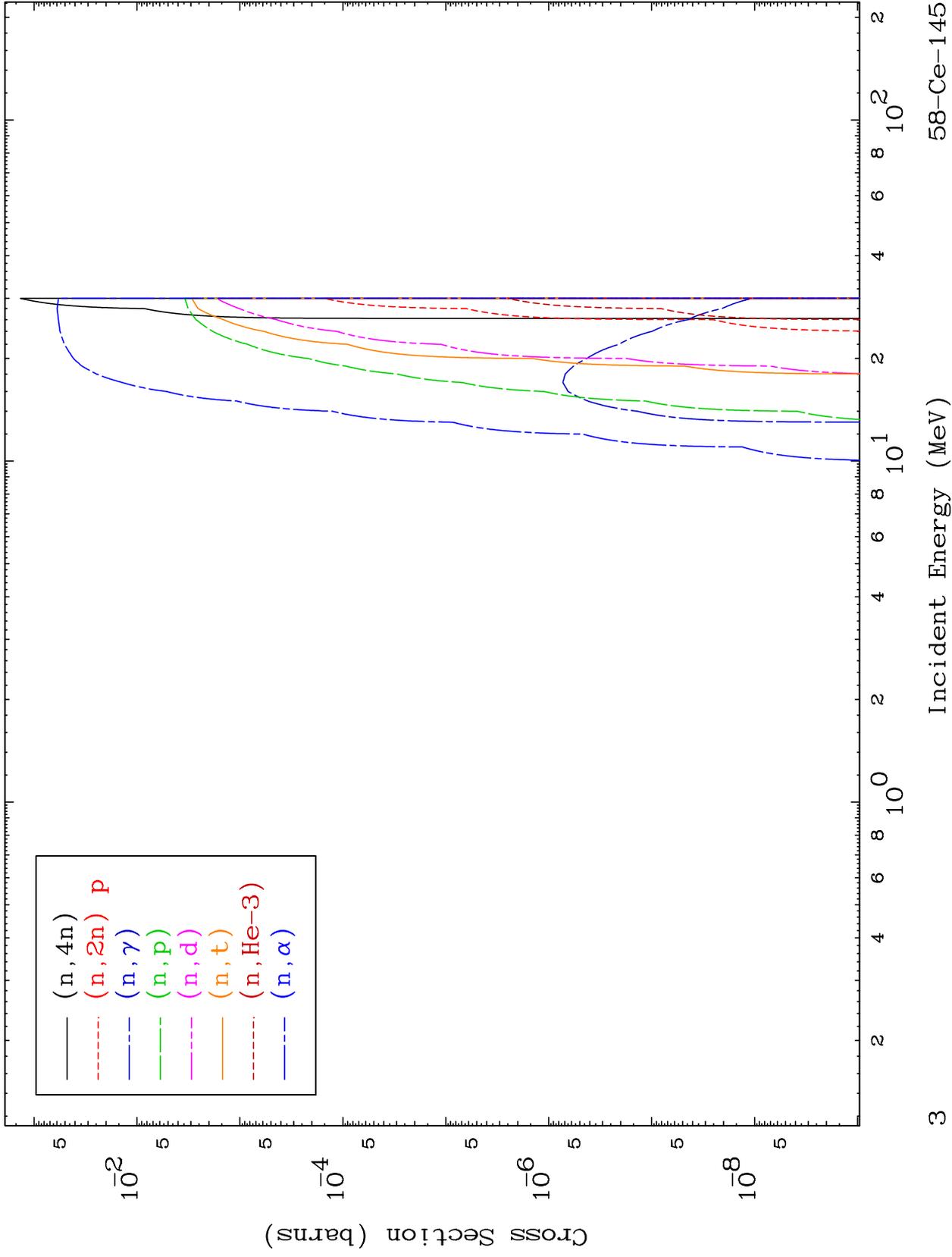
Incident Energy (MeV)

58-Ce-145

MAT 5852

α Neutron Absorption
0 Kelvin Cross Sections

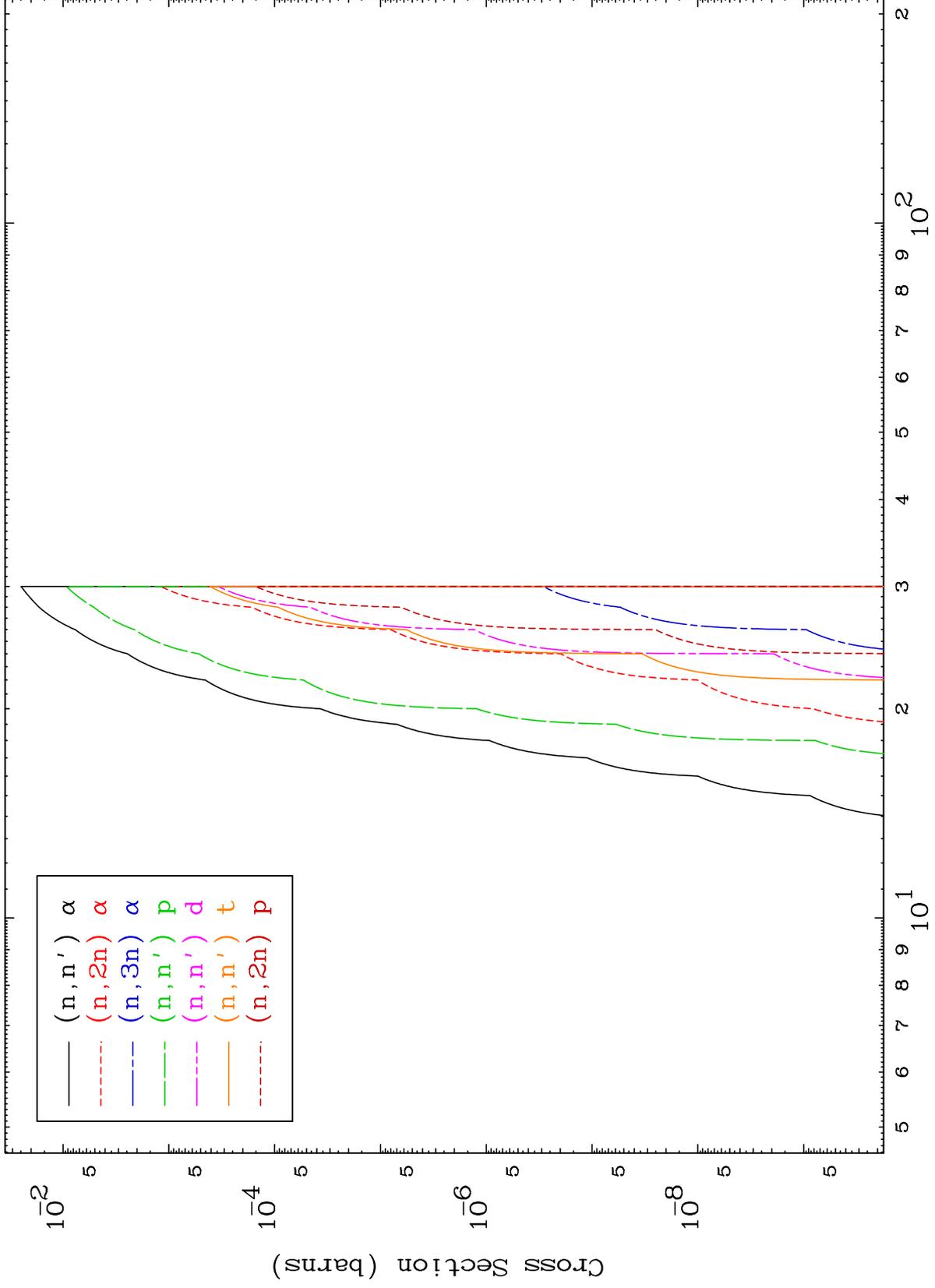
58-Ce-145

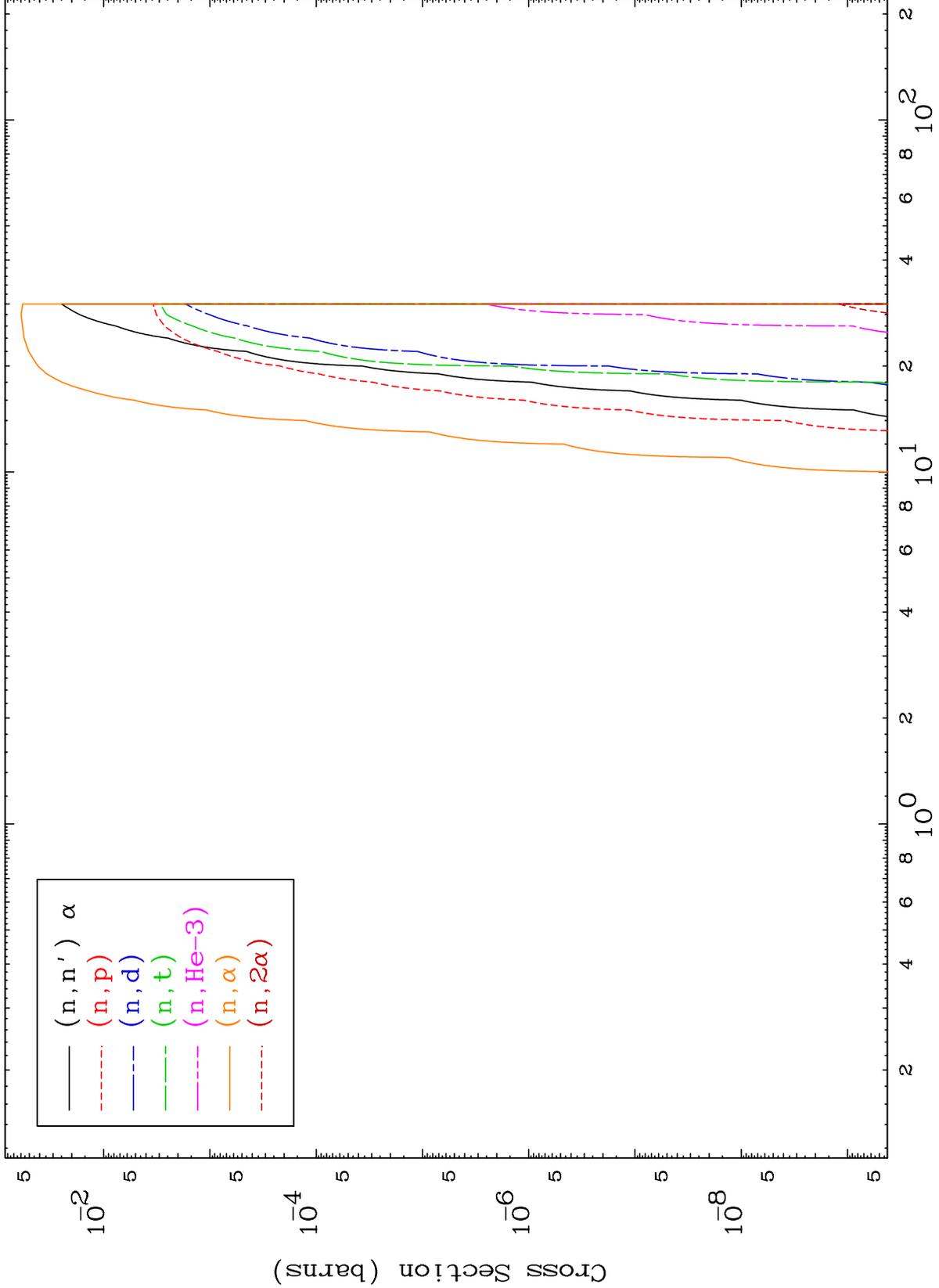


MAT 5852

α Charged Particle
0 Kelvin Cross Sections

58-Ce-145



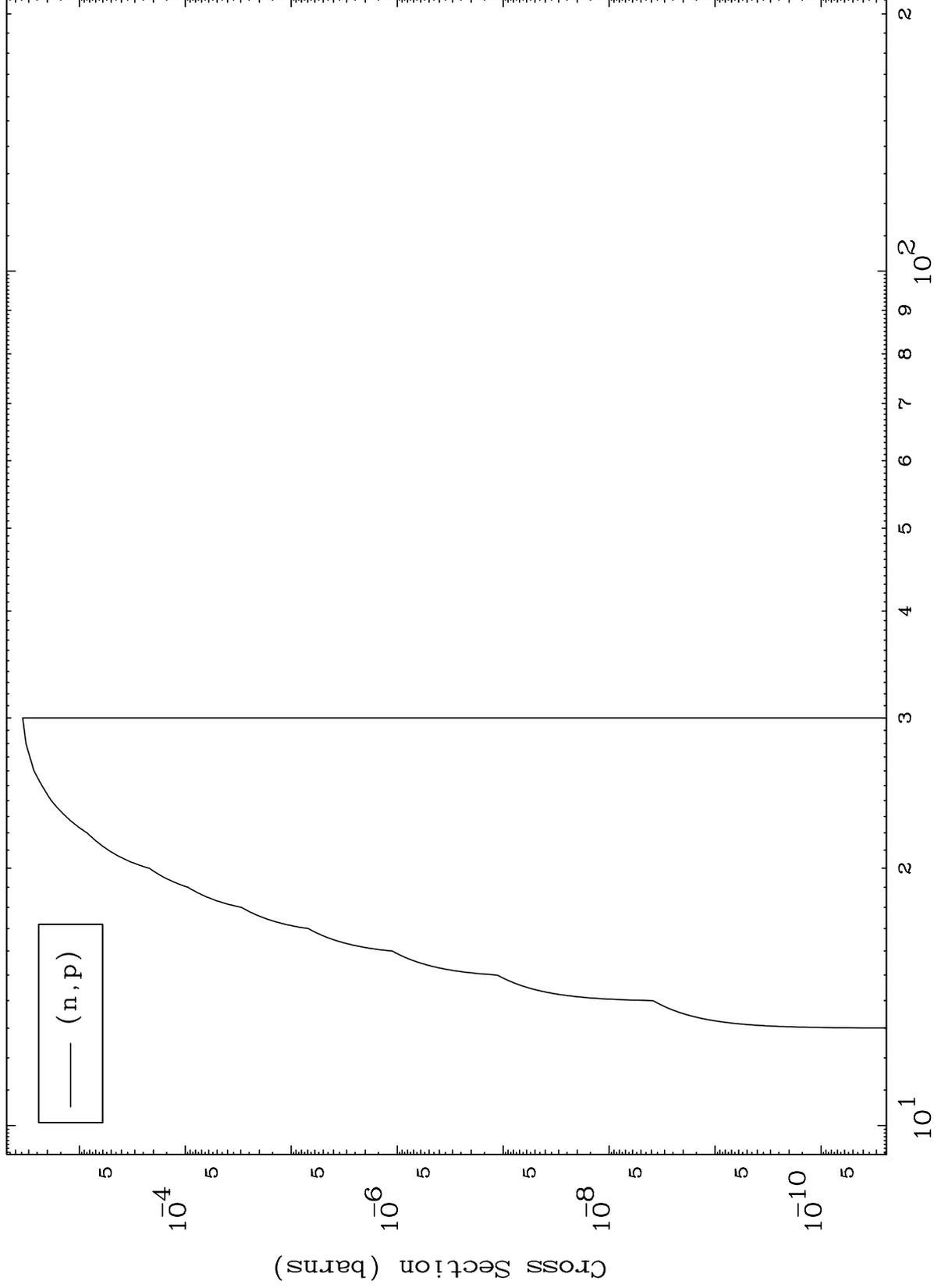


MAT 5852

(α, p) Levels

58-Ce-145

0 Kelvin Cross Sections



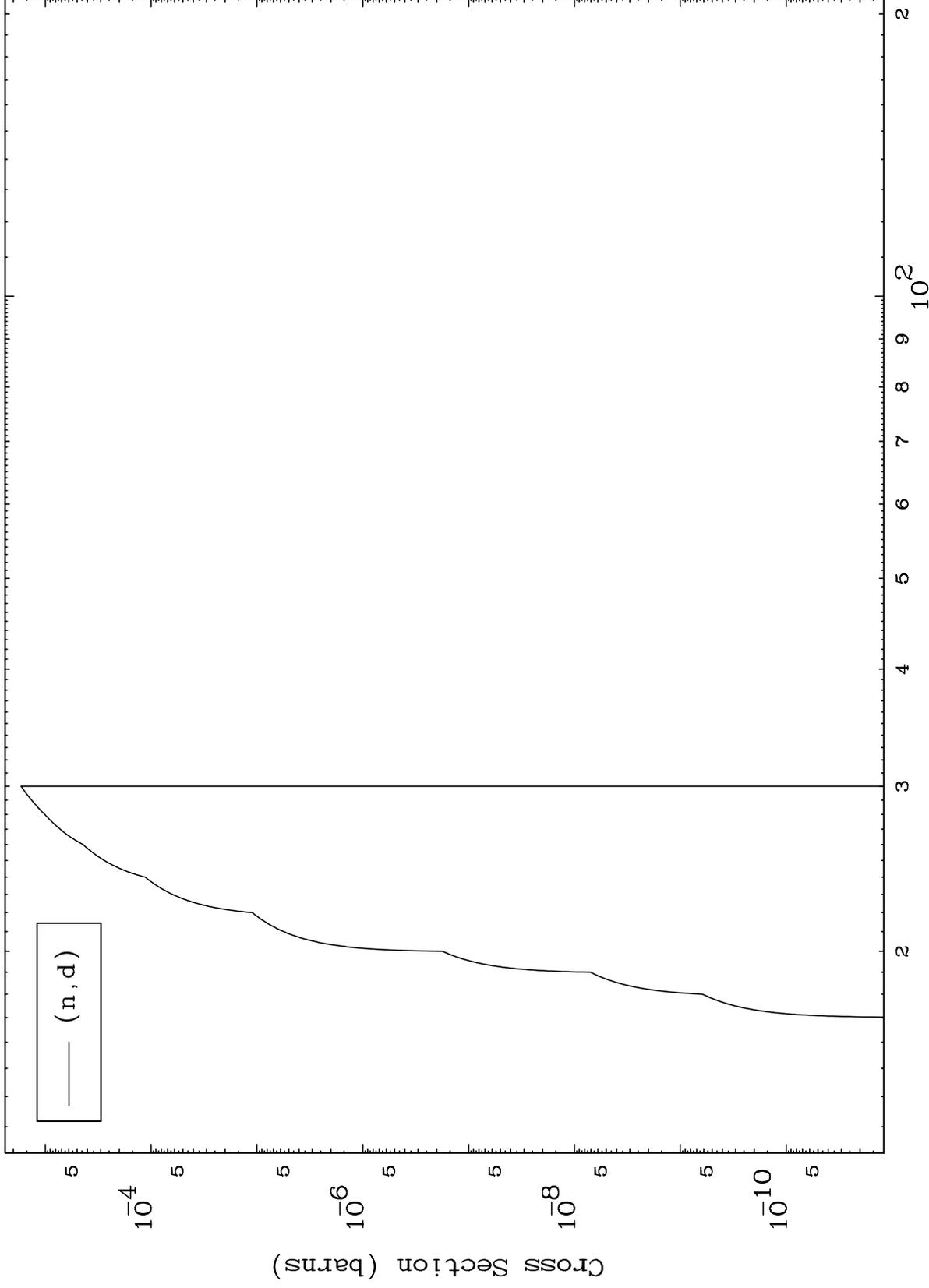
Incident Energy (MeV)

58-Ce-145

MAT 5852

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-145



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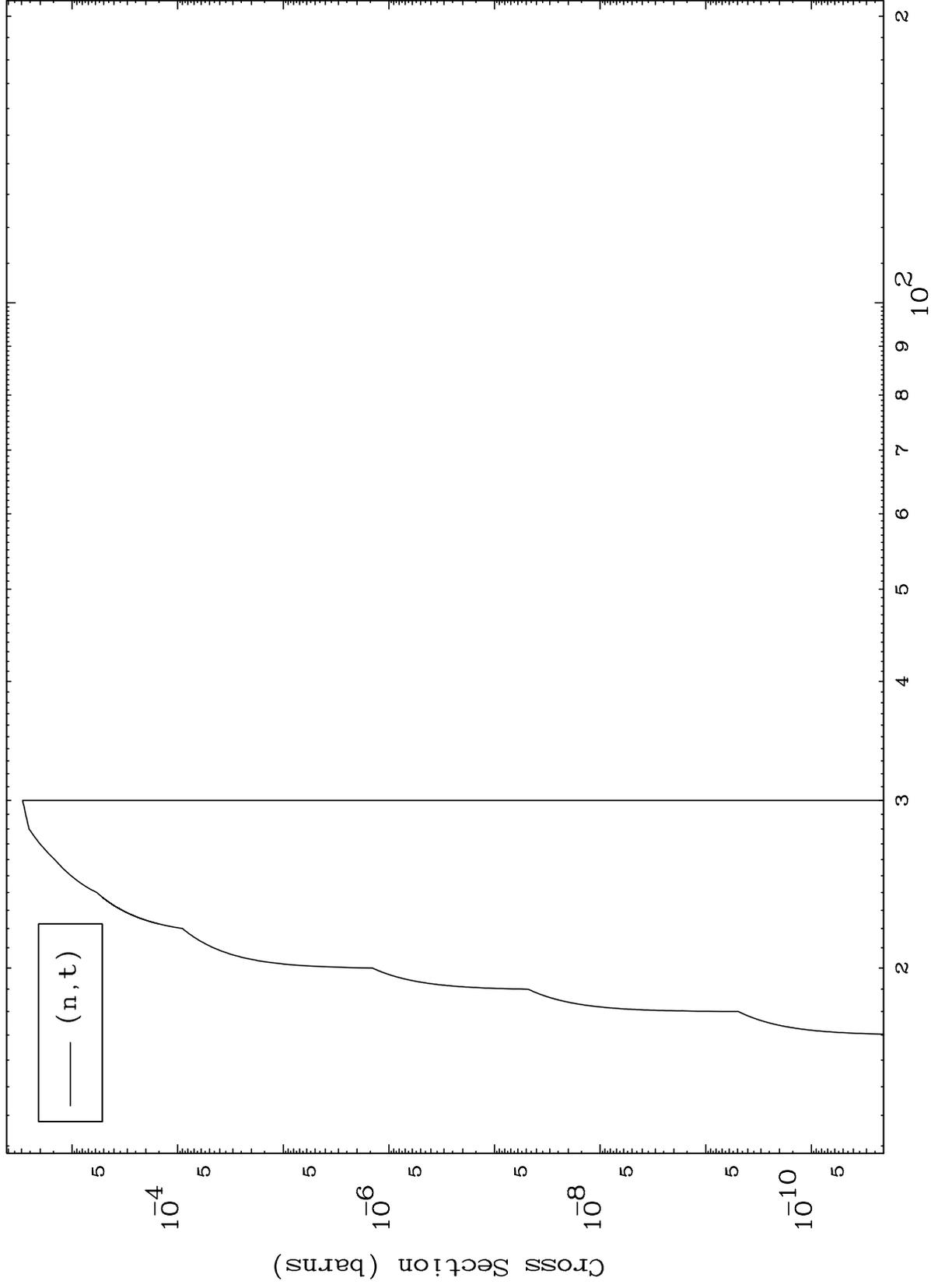
Incident Energy (MeV)

58-Ce-145

MAT 5852

(α, t) Levels
0 Kelvin Cross Sections

58-Ce-145



8

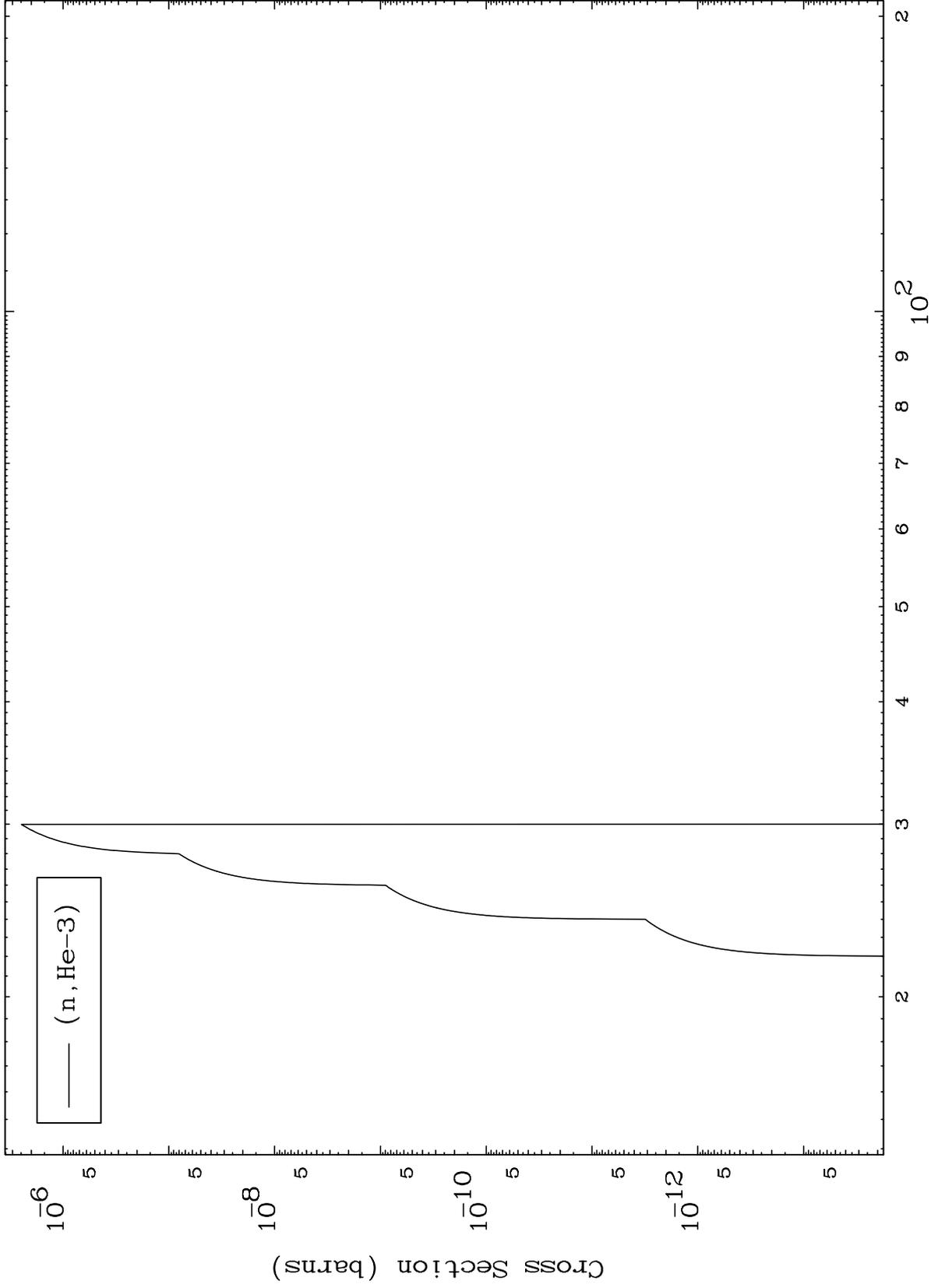
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



9

Incident Energy (MeV)

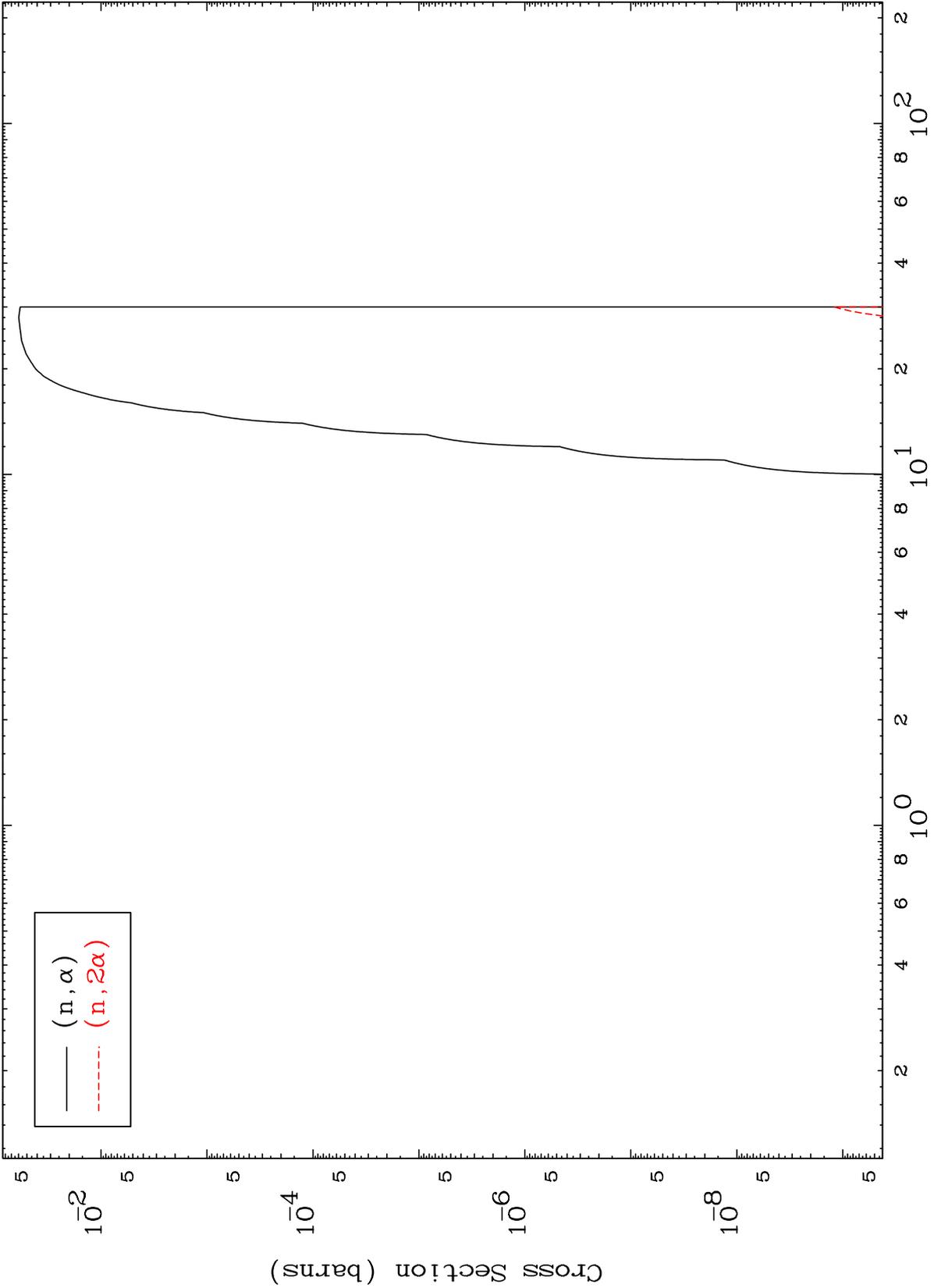
58-Ce-145

MAT 5852

(α, α) Levels

58-Ce-145

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

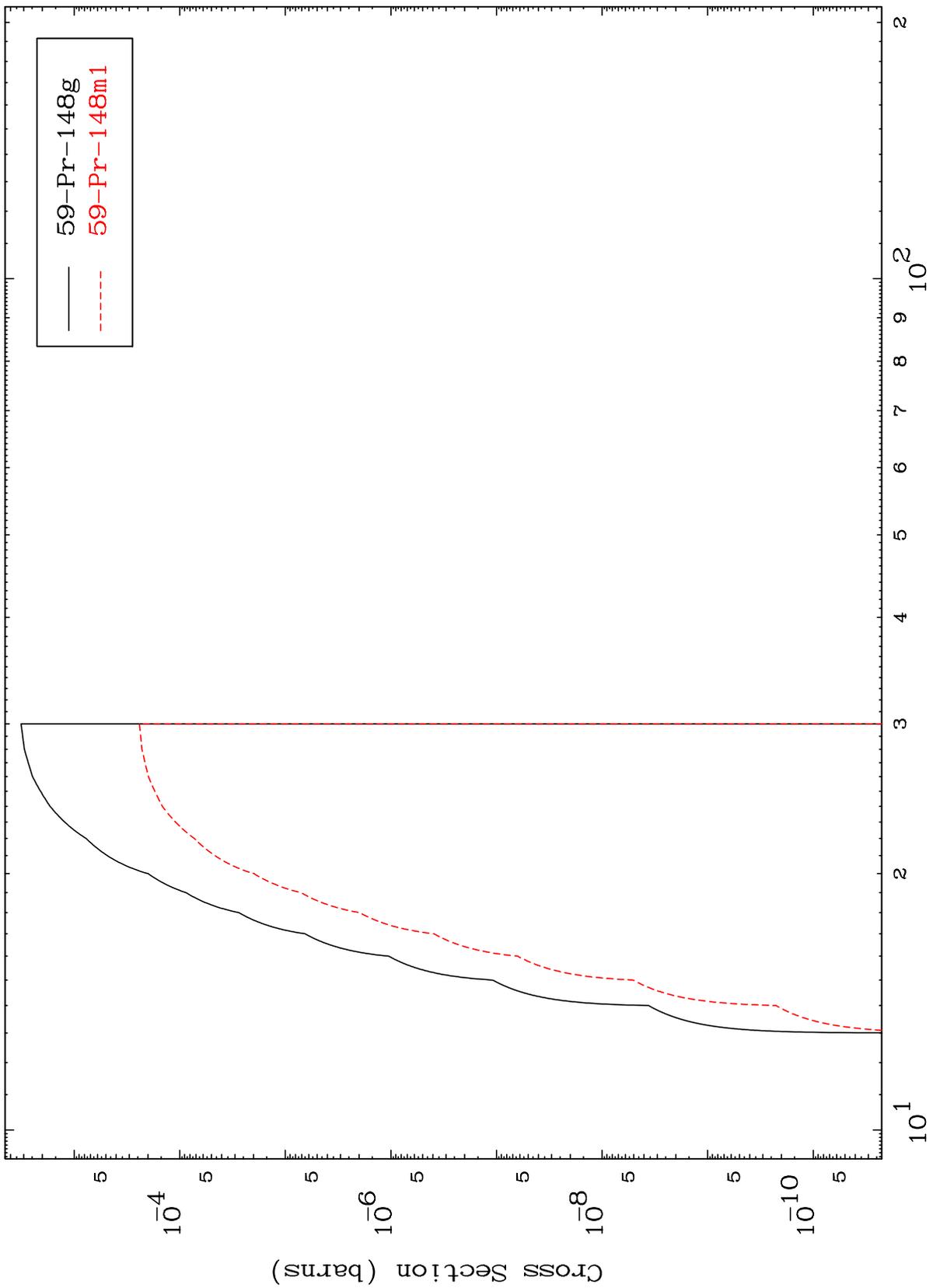
Incident Energy (MeV)

58-Ce-145

MAT 5852

58-Ce-145

(n,p)
Radionuclide Production Cross Section



59-Pr-148g
59-Pr-148m1

11

Incident Energy (MeV)

58-Ce-145