

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

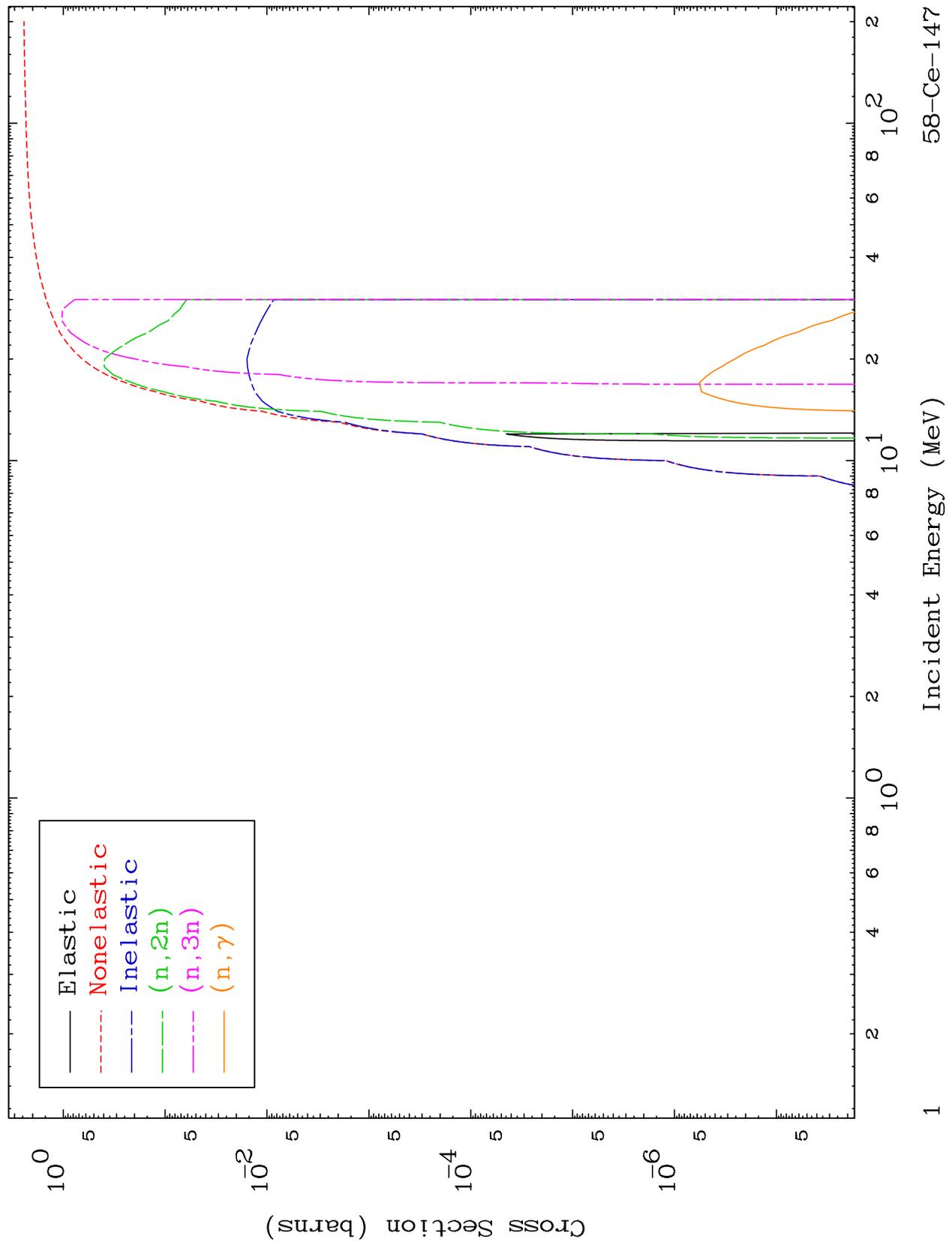
Press Mouse Button to Start

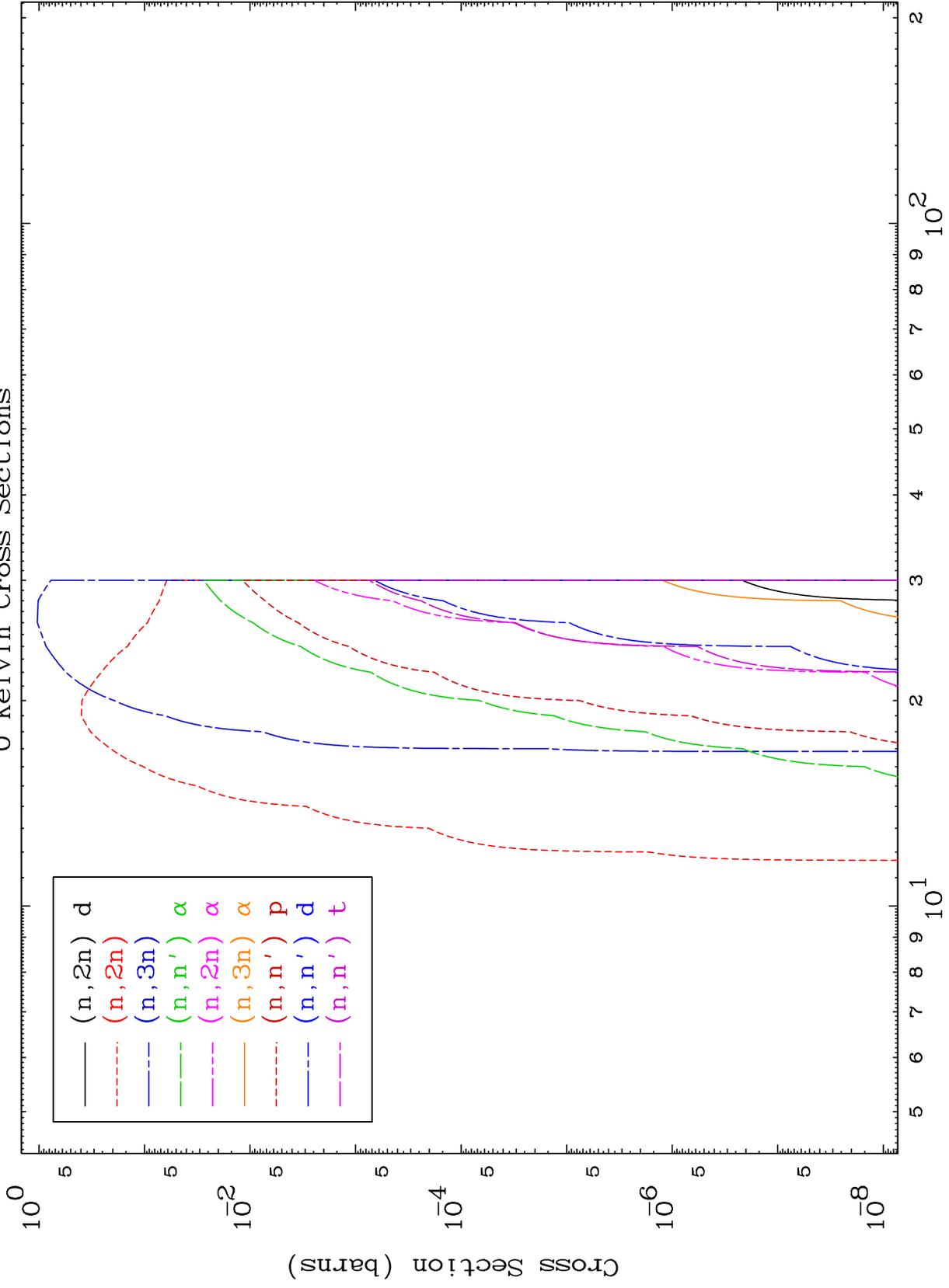
MAT 5858

0 Kelvin

Major Cross Sections

58-Ce-147

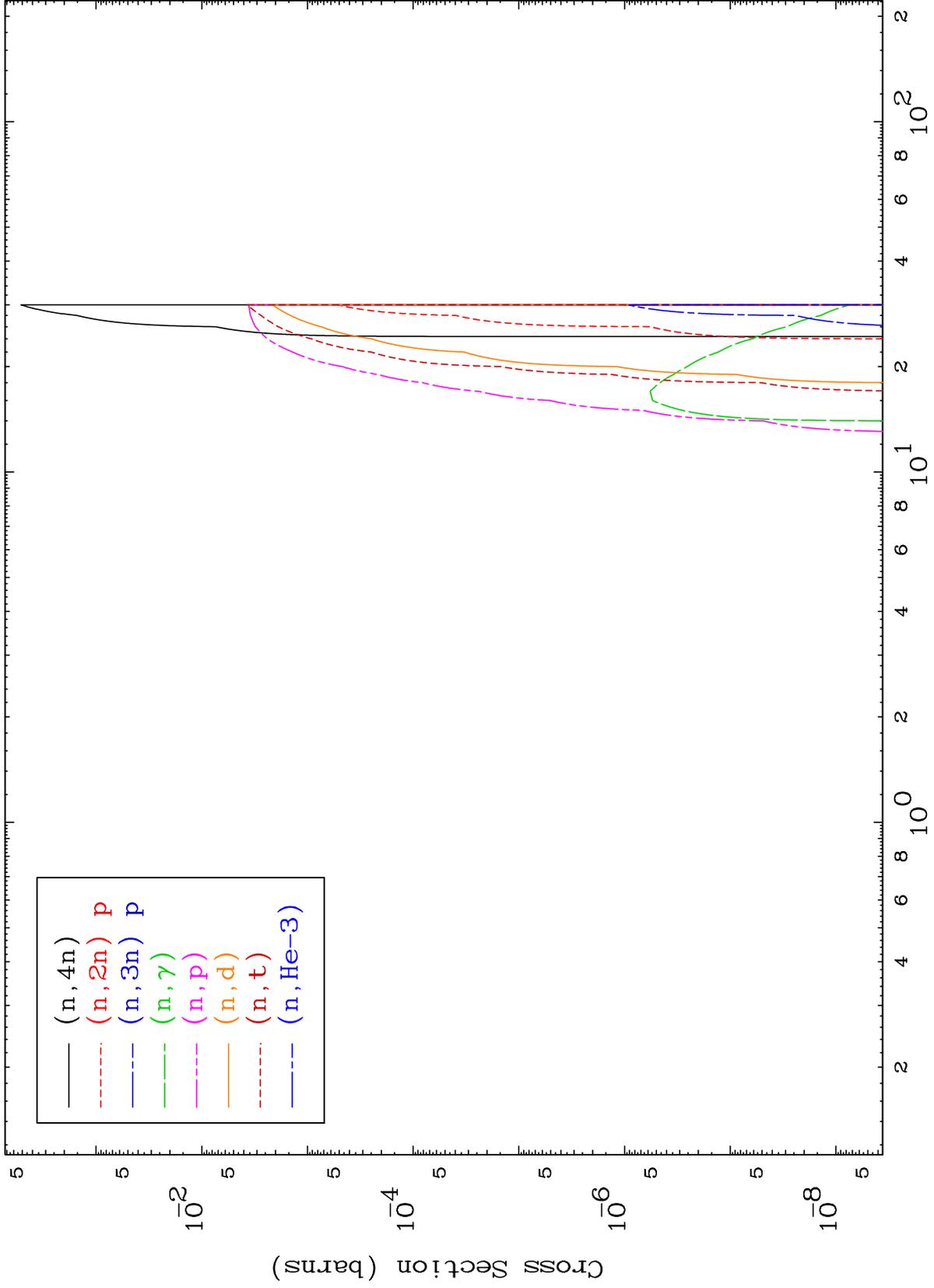


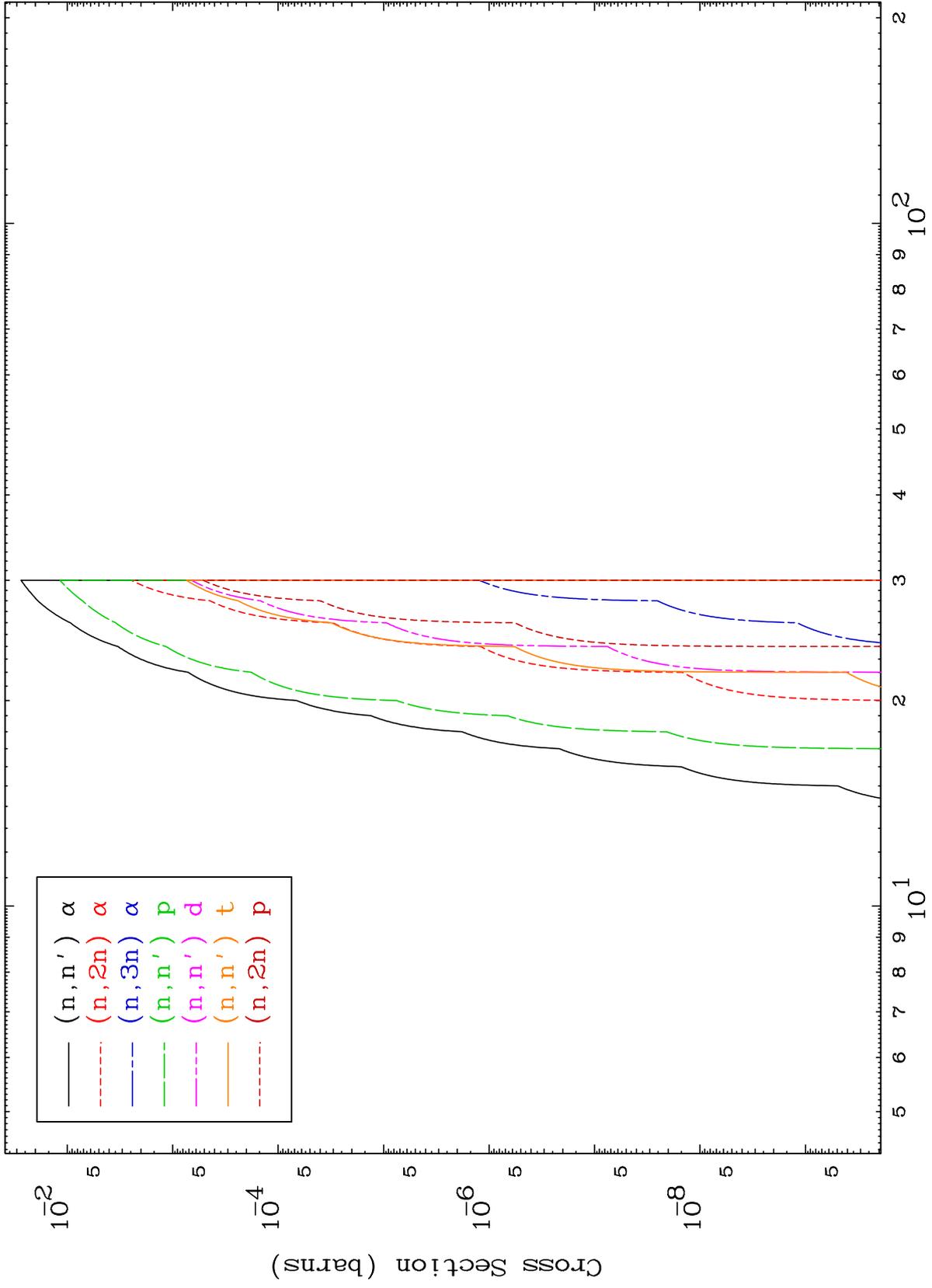


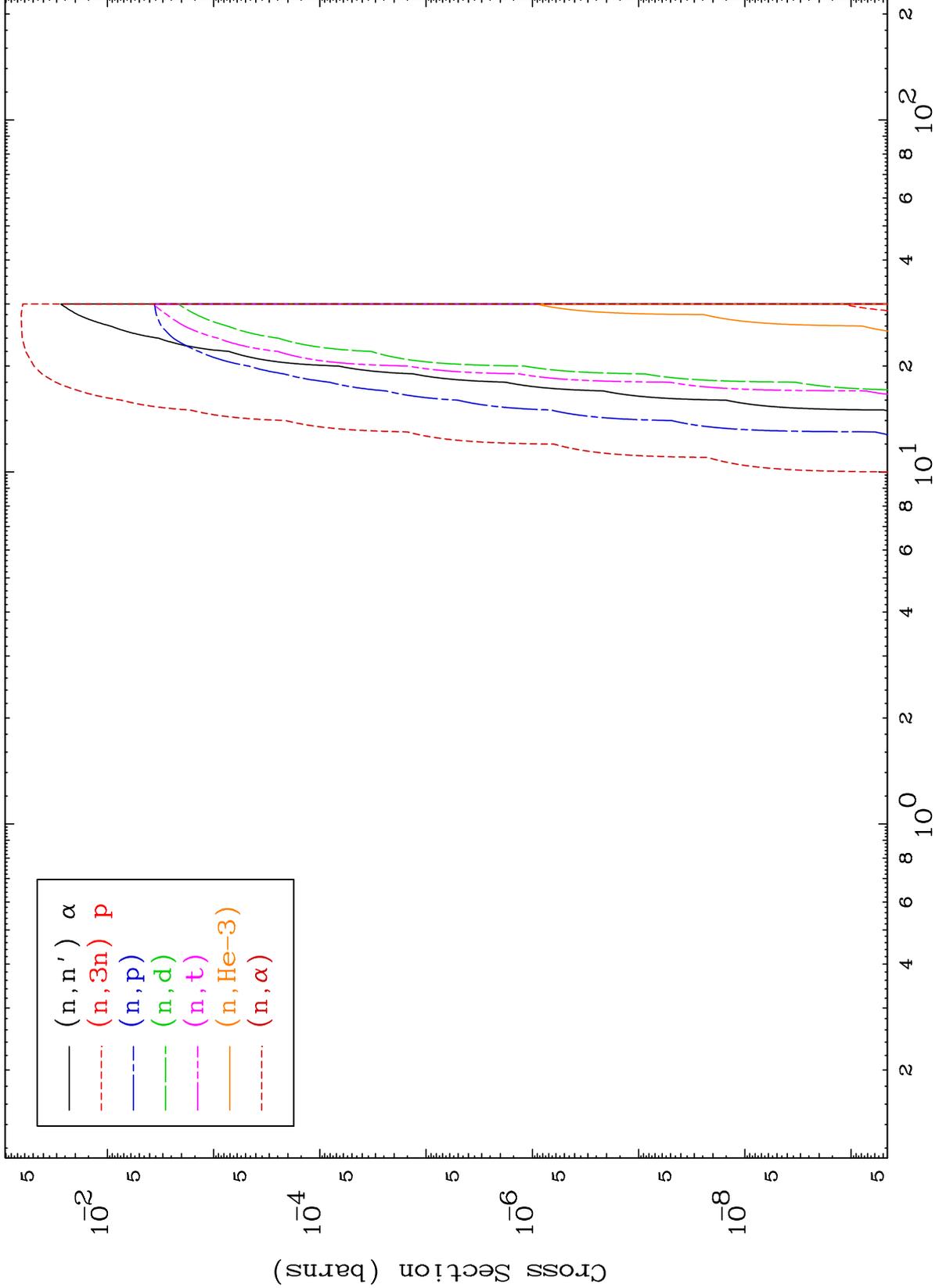
MAT 5858

α Neutron Absorption
0 Kelvin Cross Sections

58-Ce-147



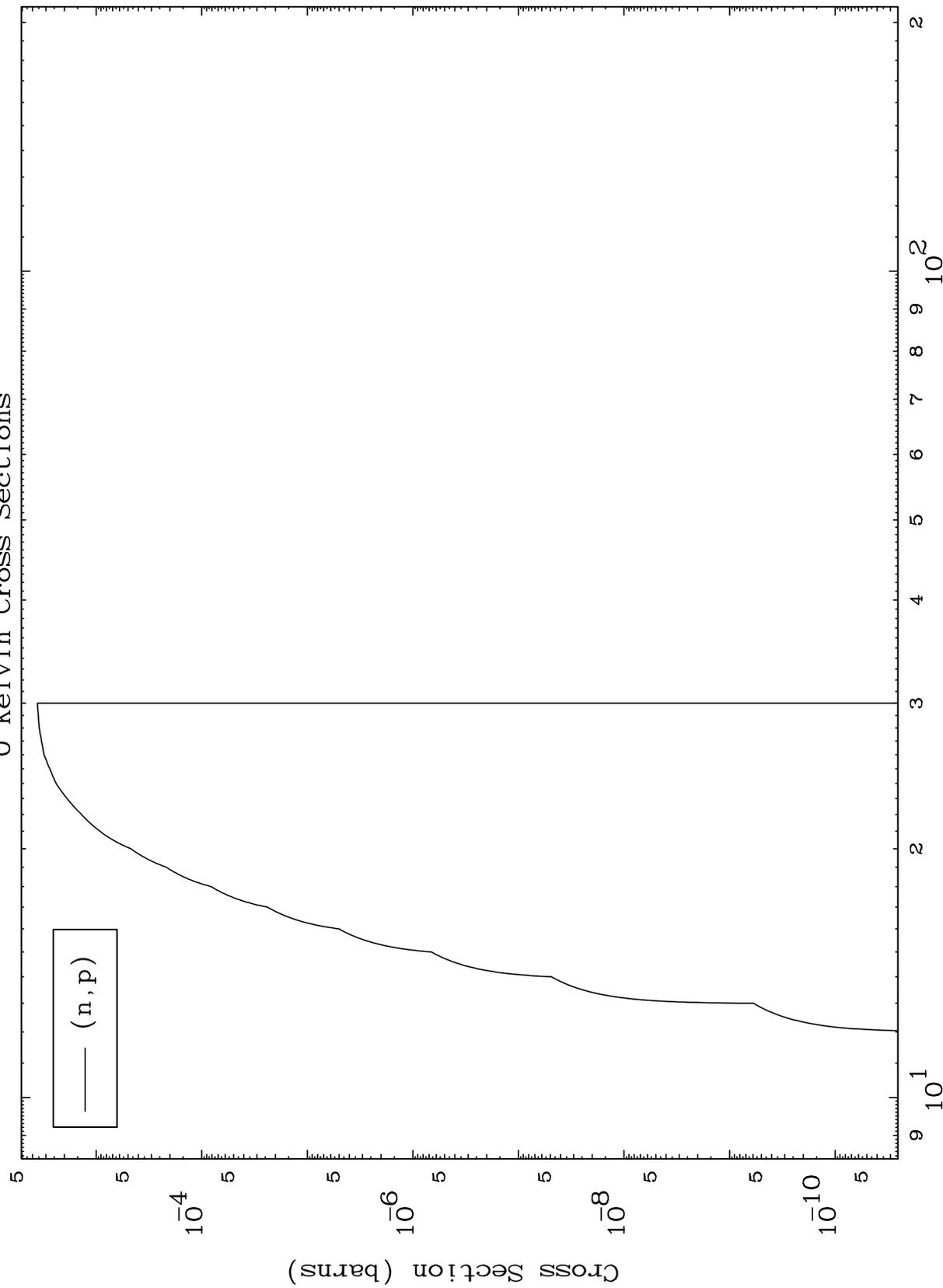




MAT 5858

(α, p) Levels
0 Kelvin Cross Sections

58-Ce-147



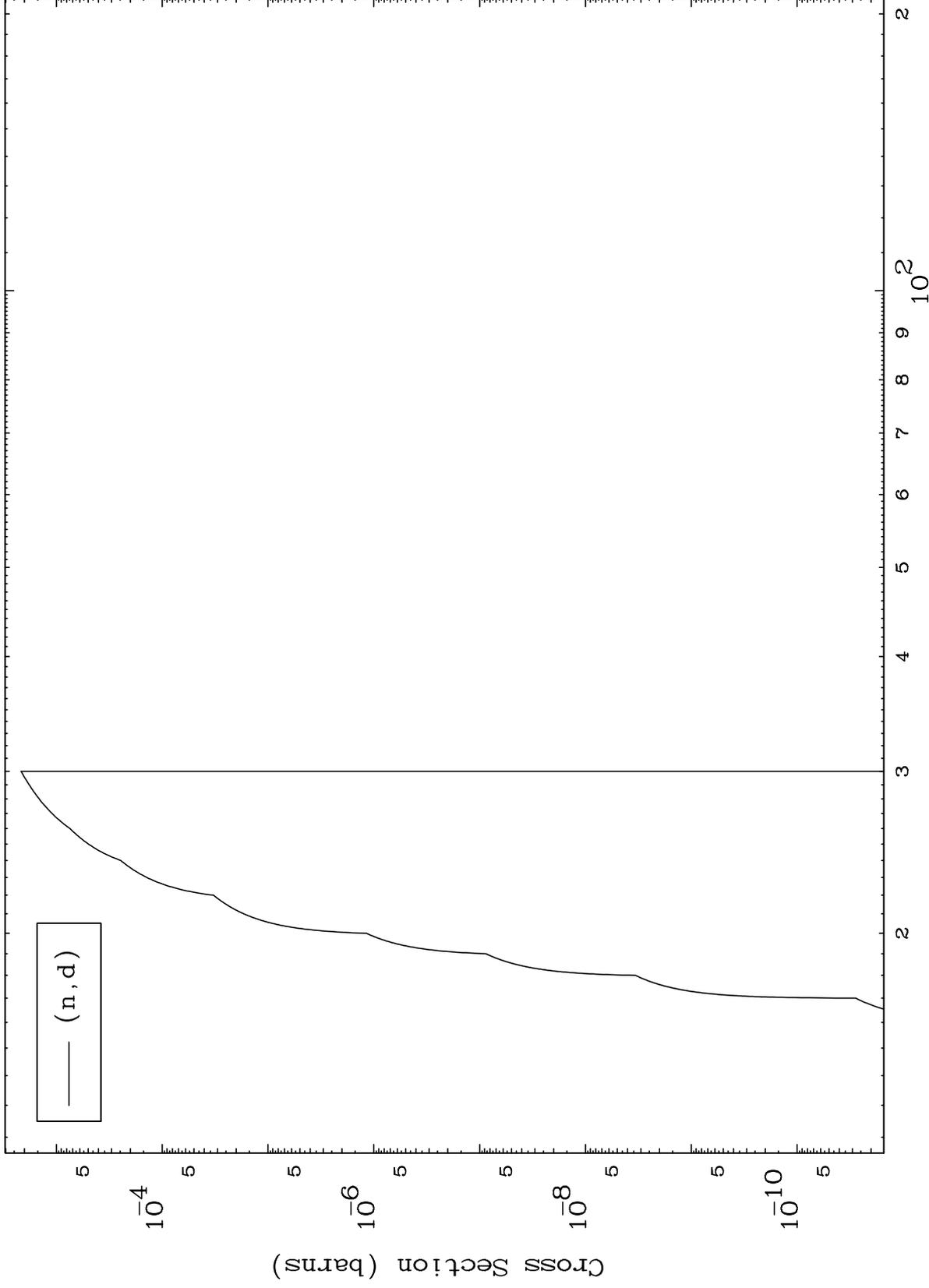
Incident Energy (MeV)

58-Ce-147

MAT 5858

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-147



7

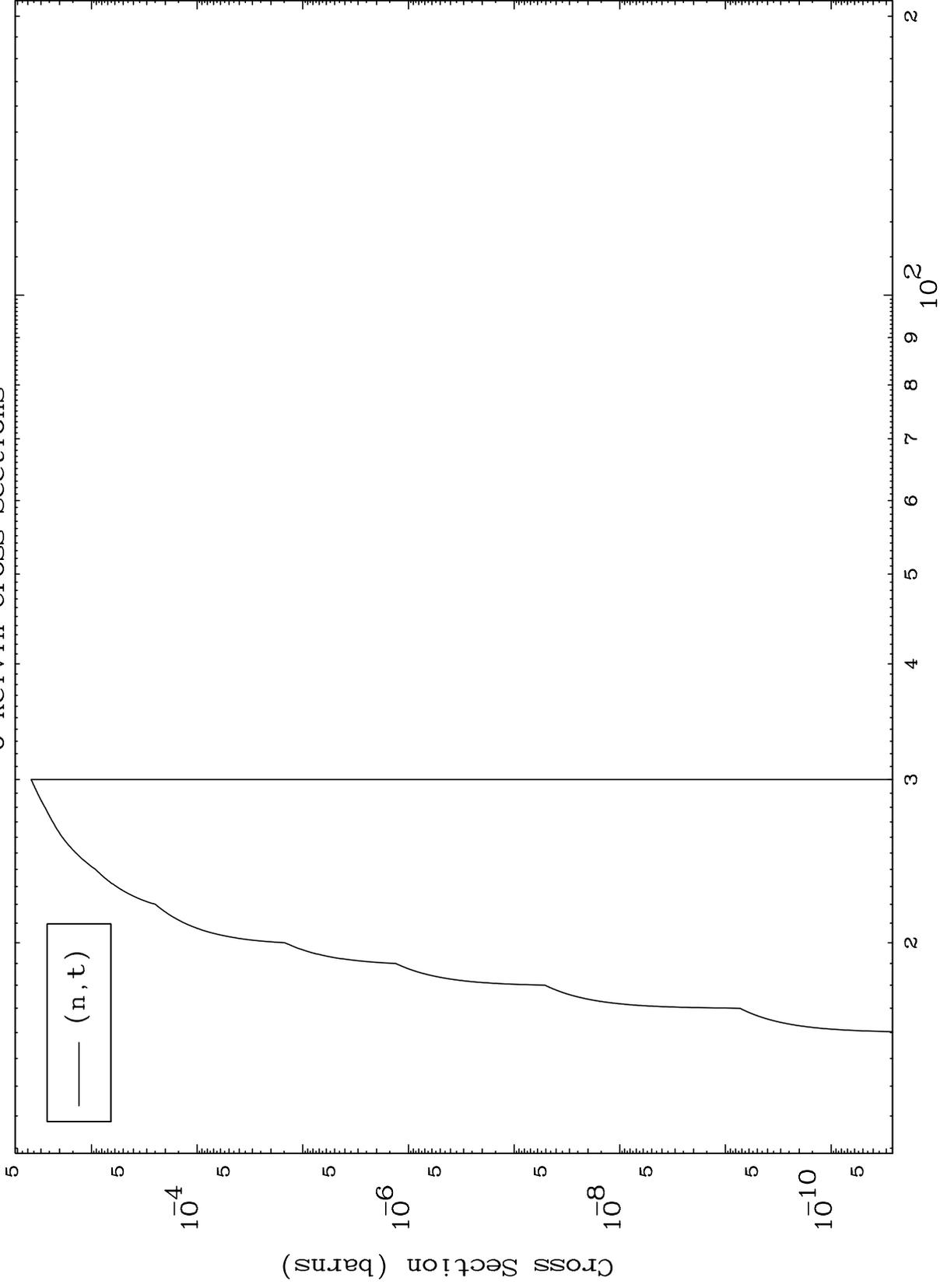
Incident Energy (MeV)

58-Ce-147

MAT 5858

(α, t) Levels
0 Kelvin Cross Sections

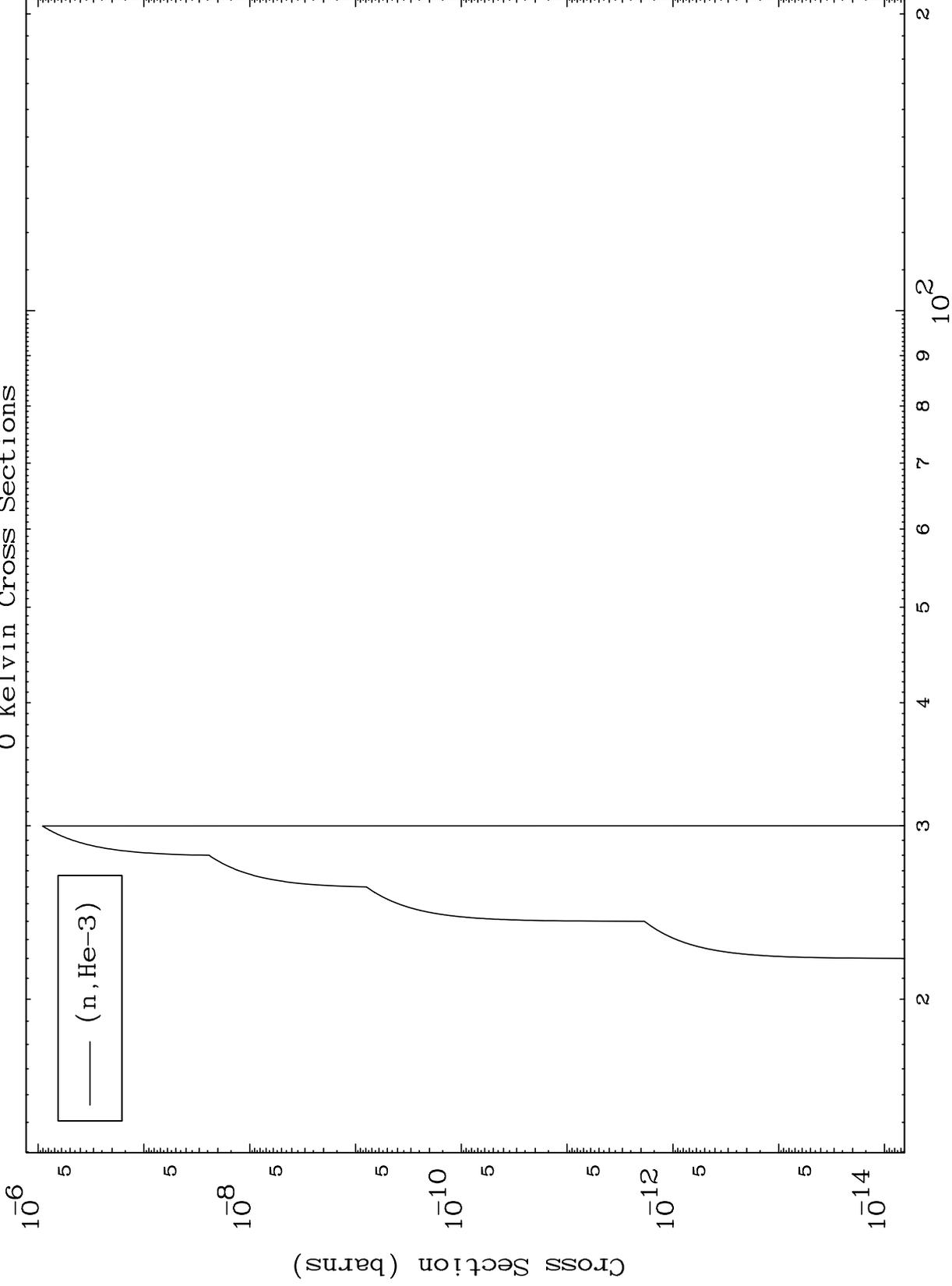
58-Ce-147



MAT 5858

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

58-Ce-147

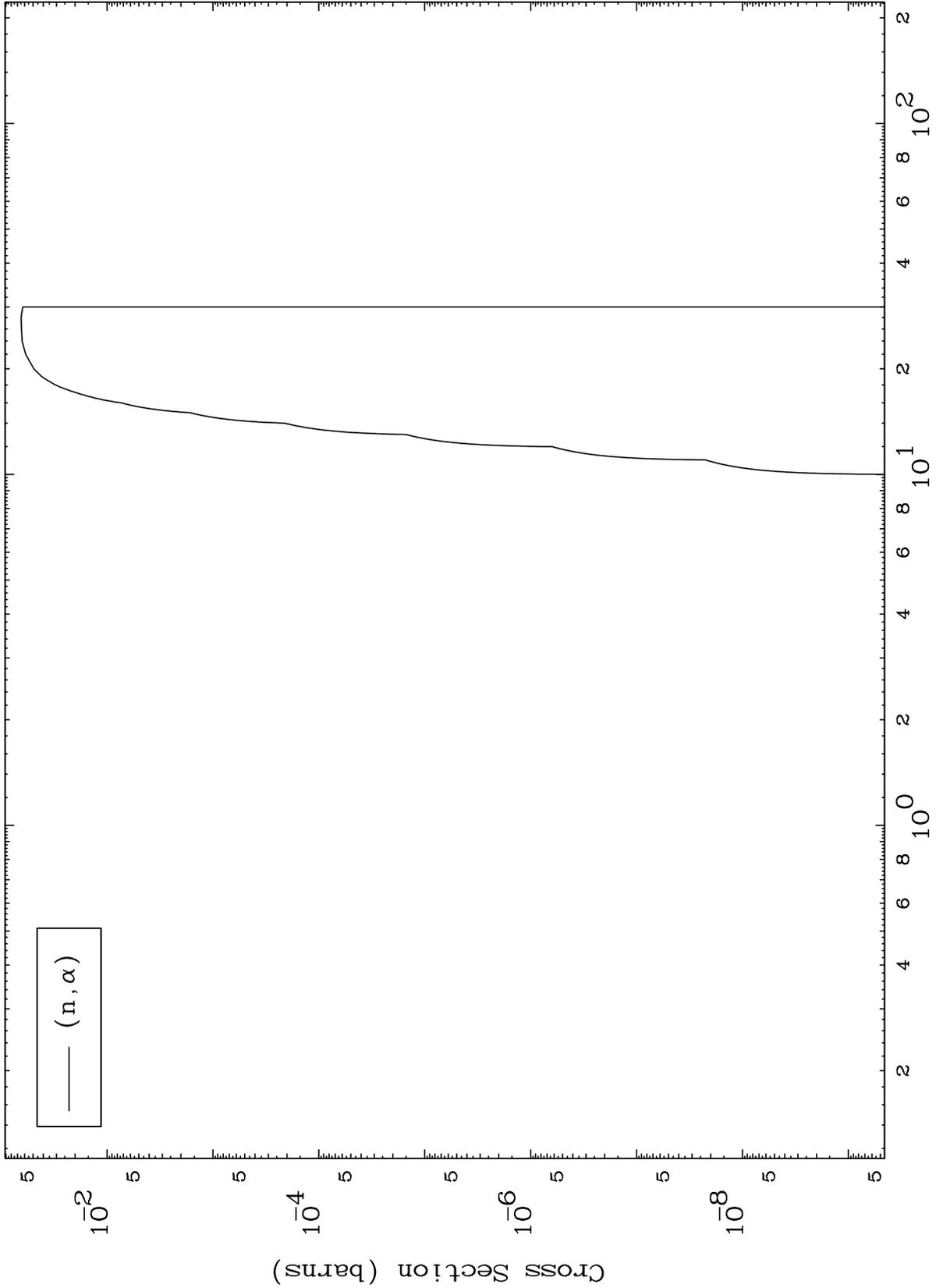


MAT 5858

(α, α) Levels

58-Ce-147

0 Kelvin Cross Sections



10

Incident Energy (MeV)

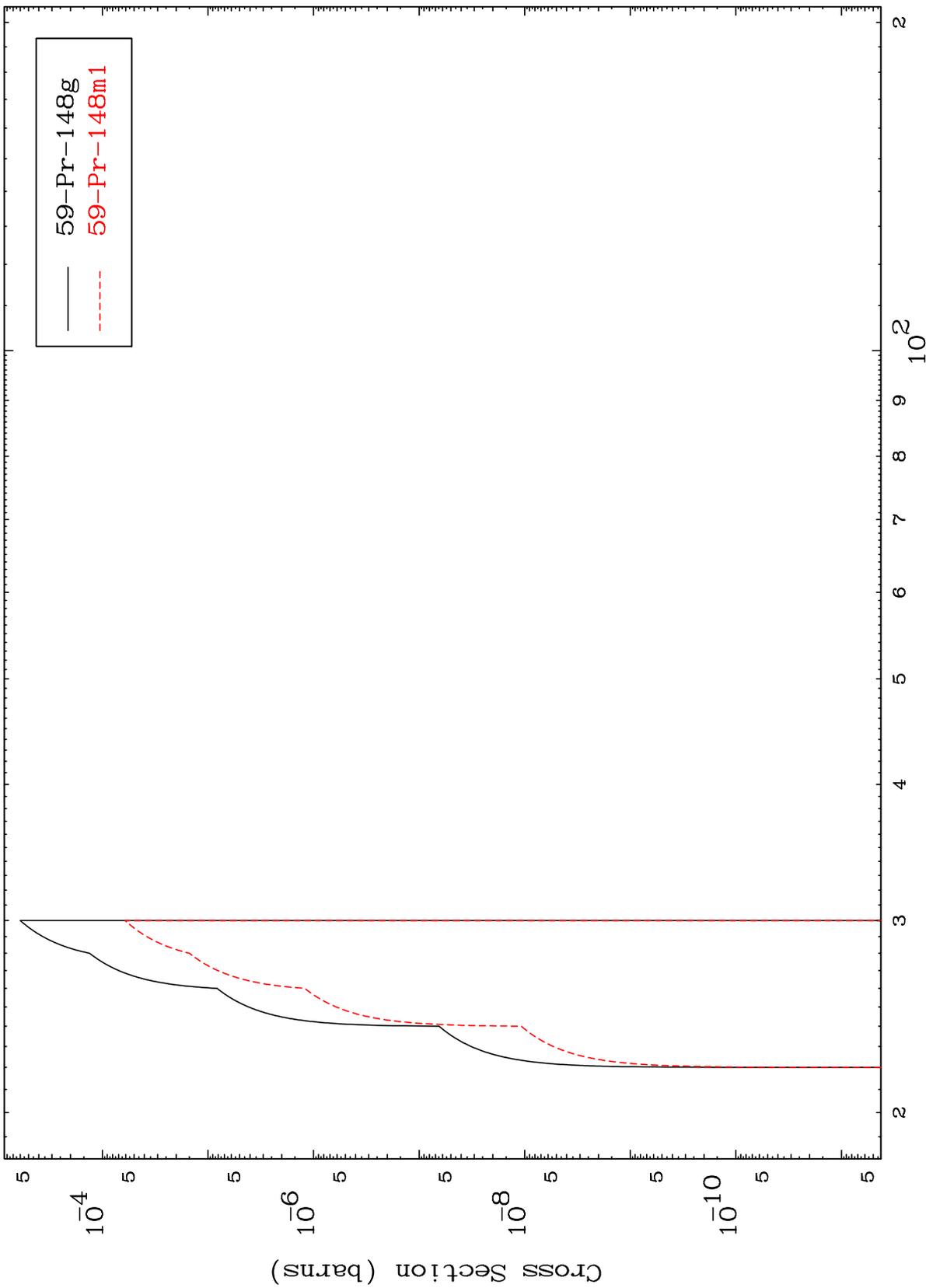
58-Ce-147

MAT 5858

(n,n') d

58-Ce-147

Radionuclide Production Cross Section

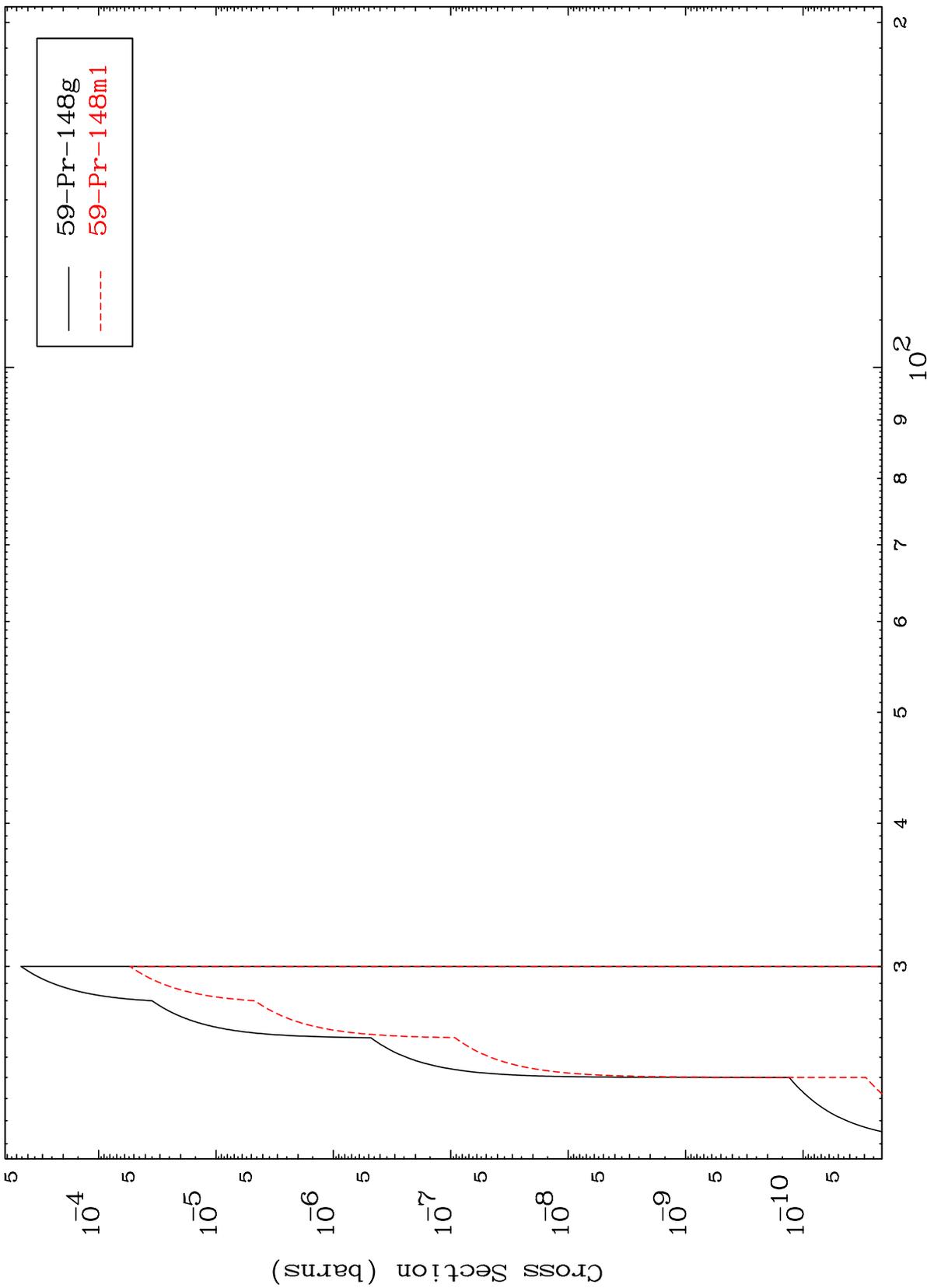


11

Incident Energy (MeV)

58-Ce-147

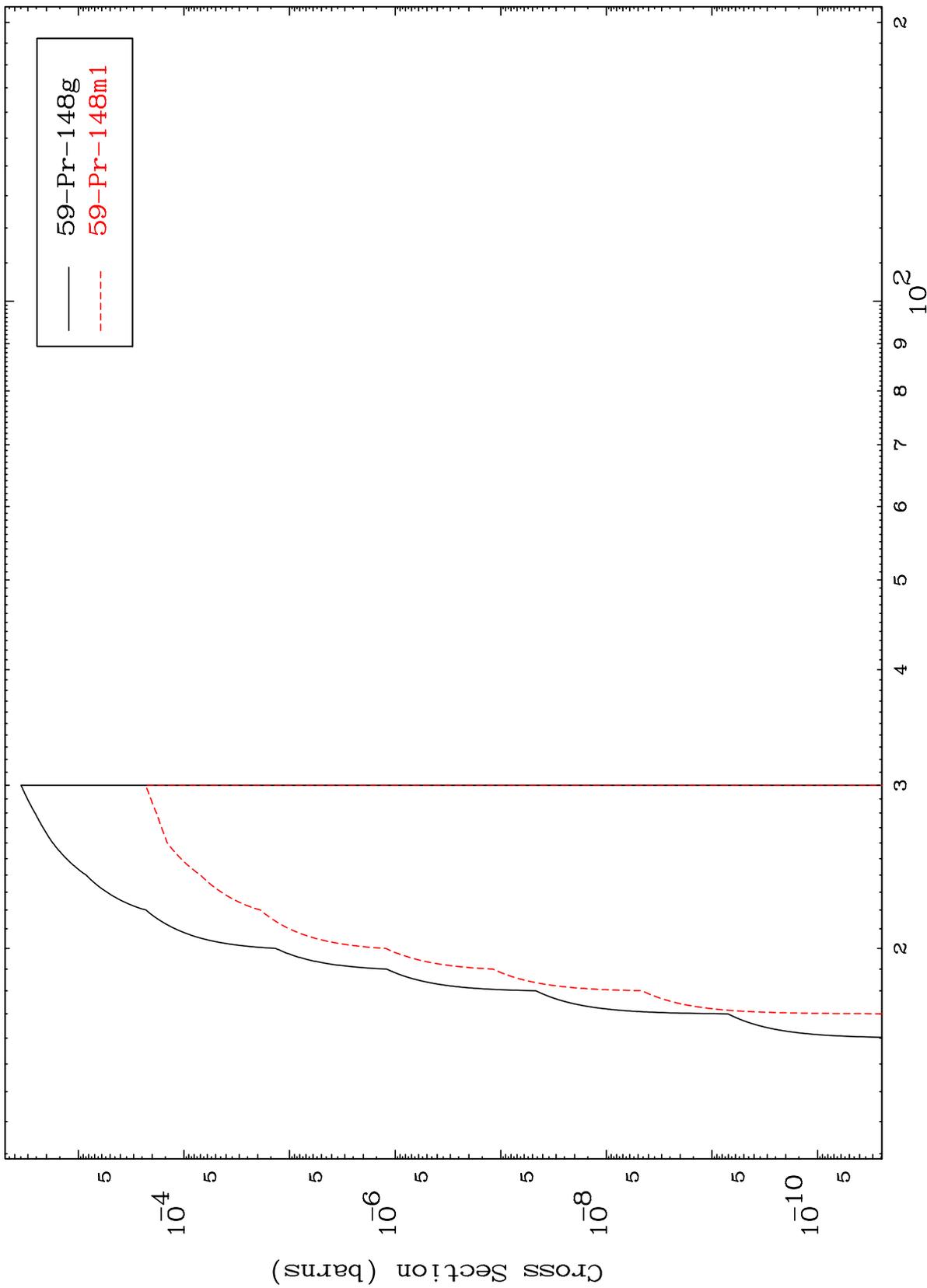
Radionuclide Production Cross Section



MAT 5858

58-Ce-147

(n,t)
Radionuclide Production Cross Section



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

13

Incident Energy (MeV)

58-Ce-147