

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

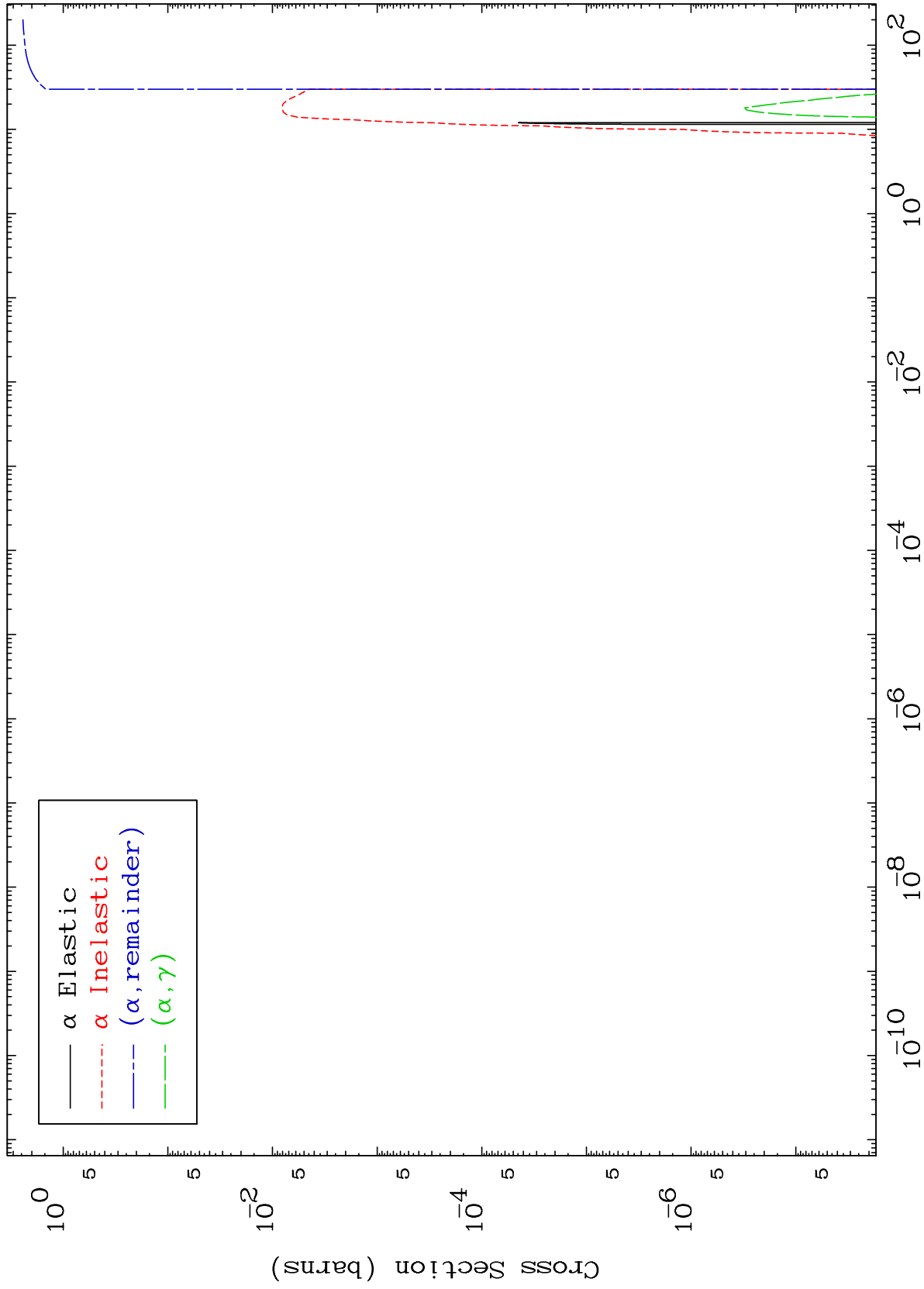
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5858

0 Kelvin α Major
Cross Sections

58-Ce-147



1

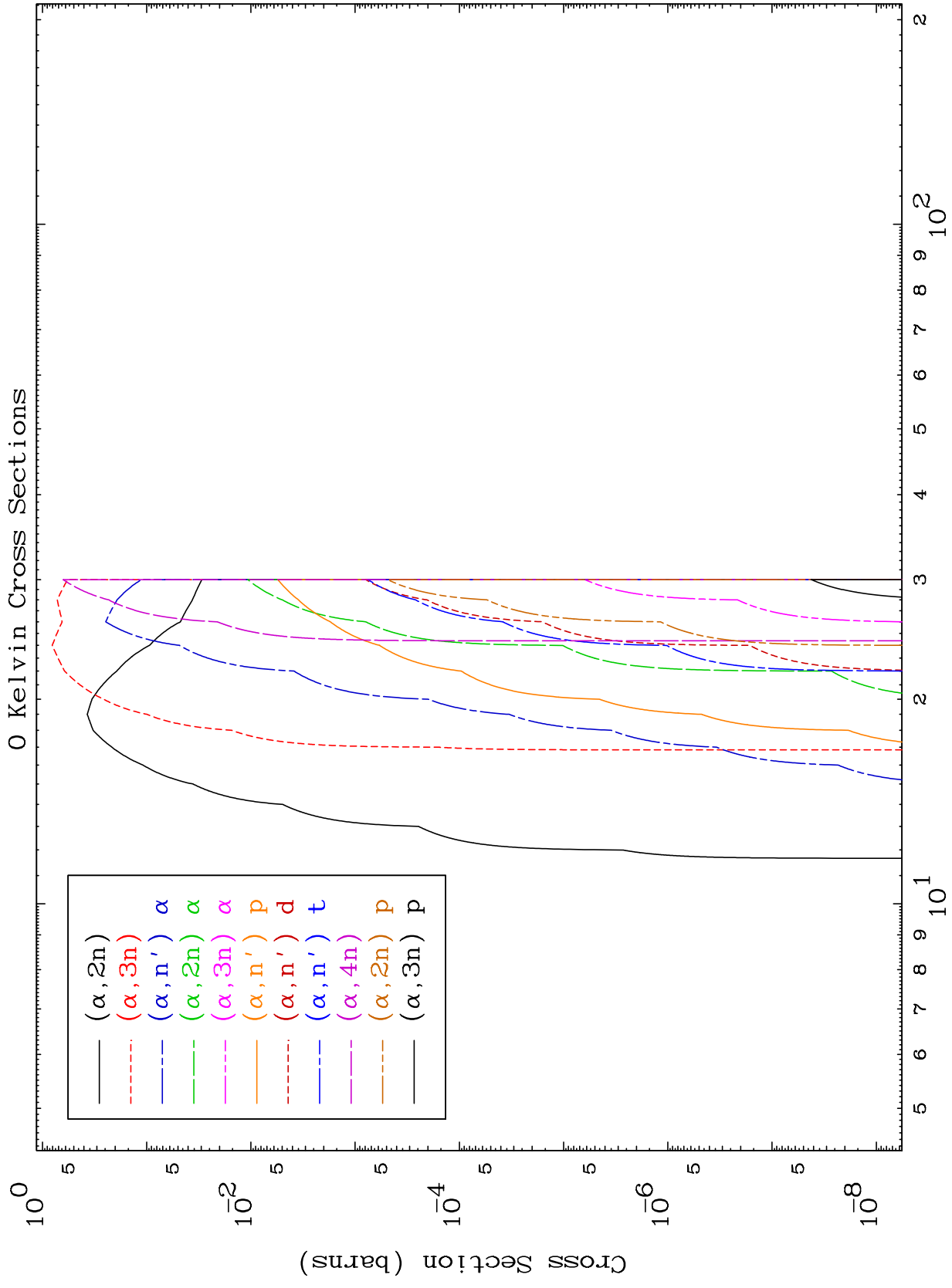
Incident Energy (MeV)

58-Ce-147

MAT 5858

α Neutron Production
0 Kelvin Cross Sections

58-Ce-147



2

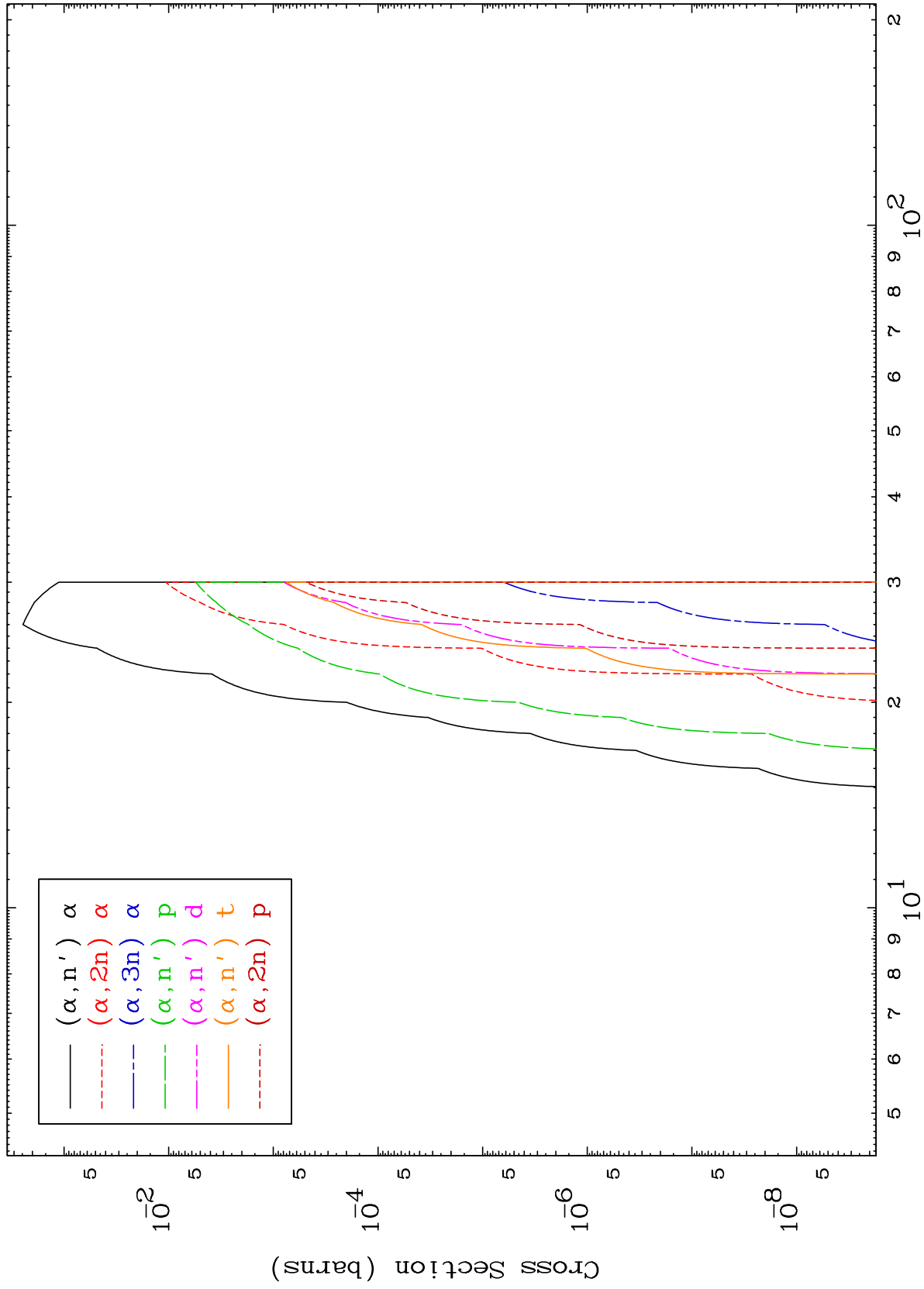
Incident Energy (MeV)

58-Ce-147

MAT 5858

α Charged Particle
0 Kelvin Cross Sections

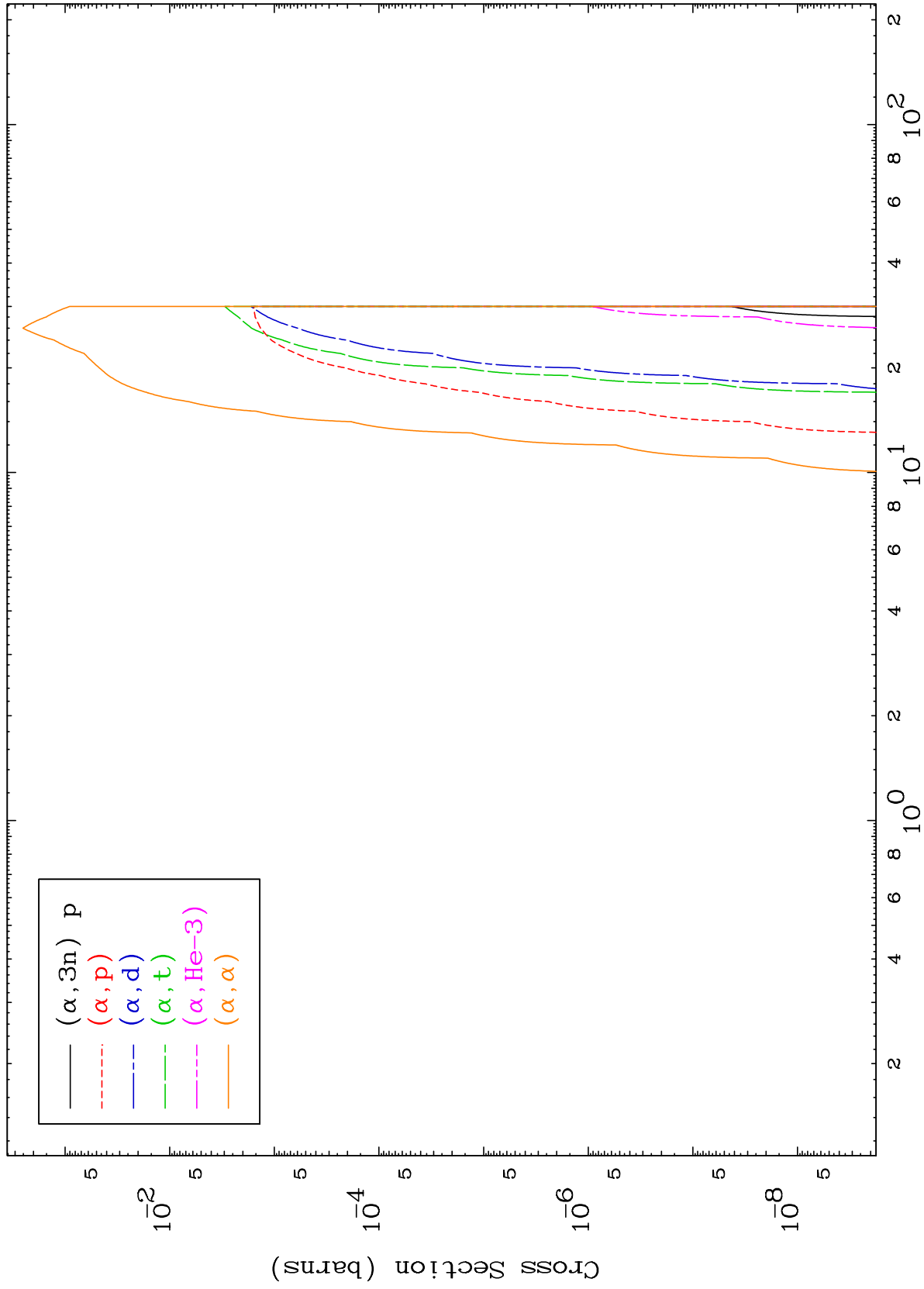
58-Ce-147



3

Incident Energy (MeV)

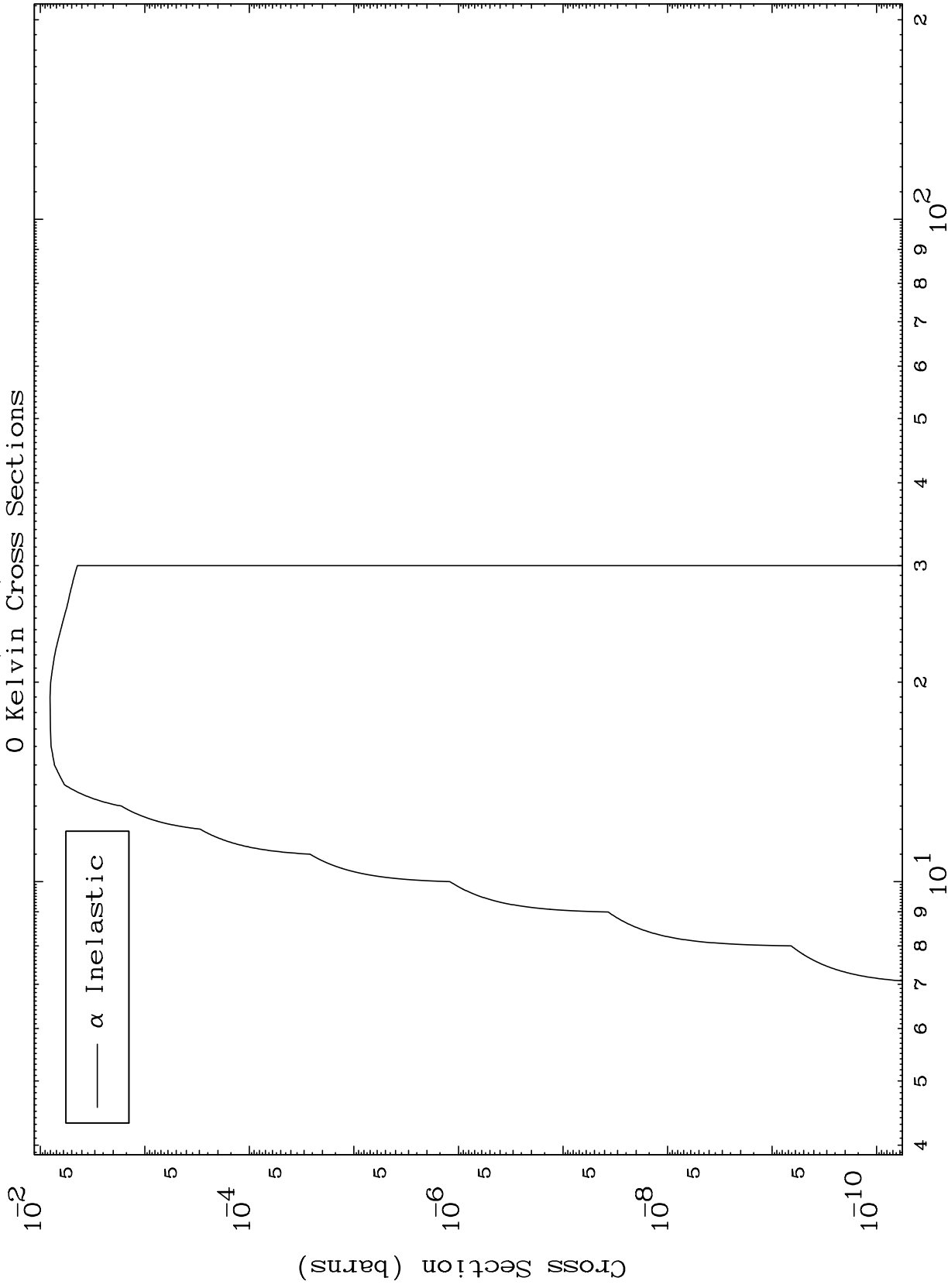
58-Ce-147



MAT 5858

(α, n') Level
0 Kelvin Cross Sections

58-Ce-147



5

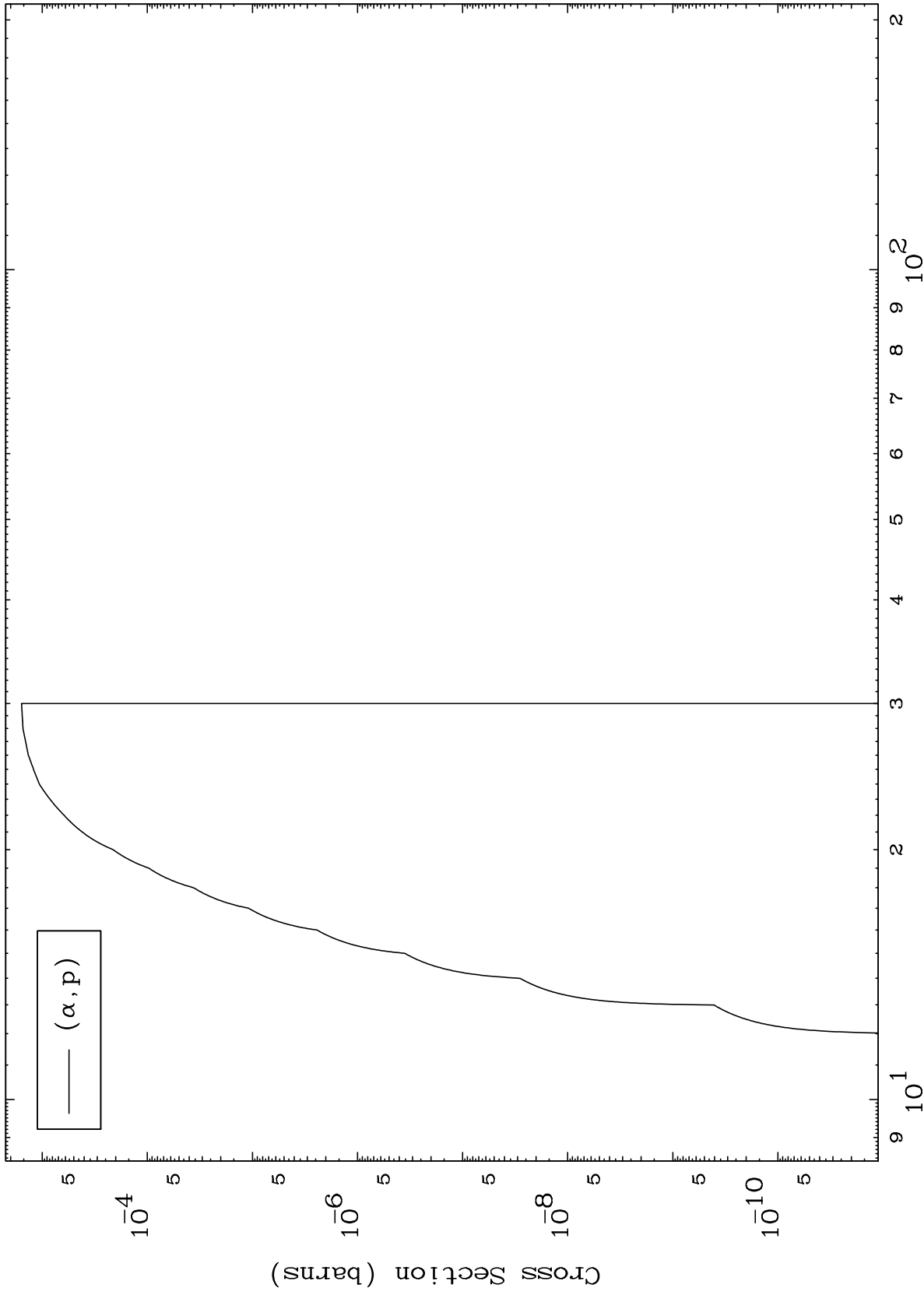
Incident Energy (MeV)

58-Ce-147

MAT 5858

(α, p) Levels
0 Kelvin Cross Sections

58-Ce-147



6

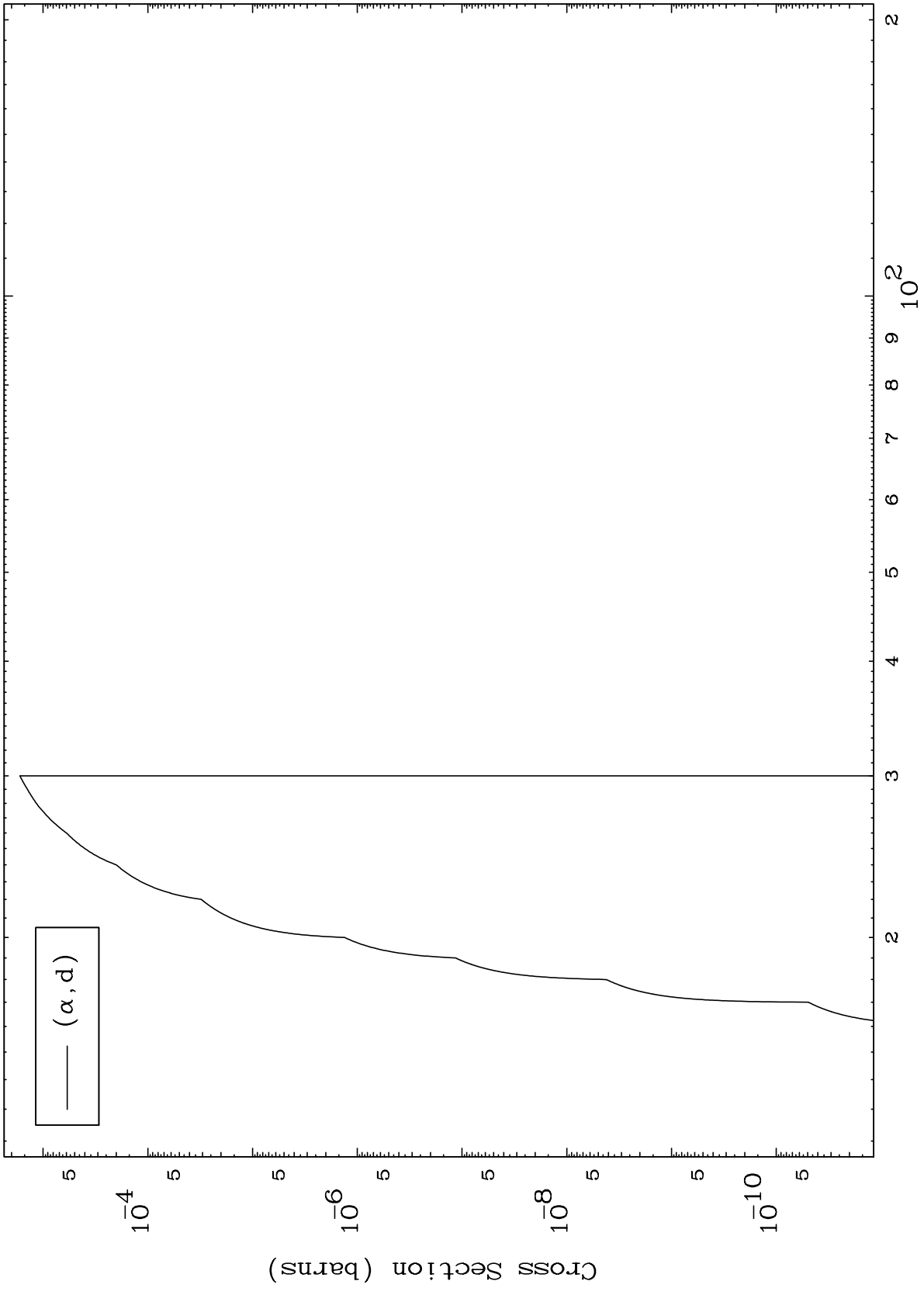
Incident Energy (MeV)

58-Ce-147

MAT 5858

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-147



7

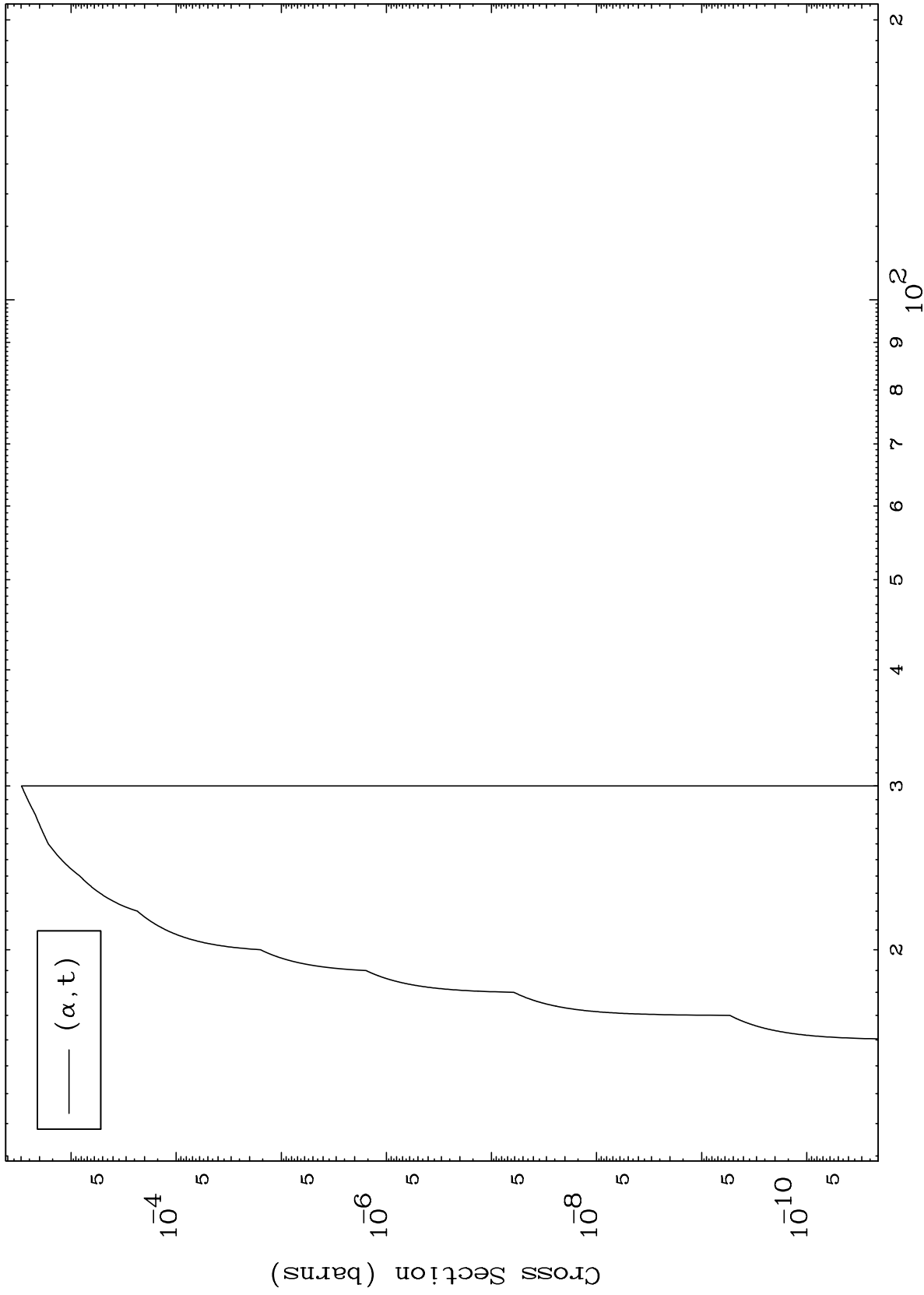
Incident Energy (MeV)

58-Ce-147

MAT 5858

(α, t) Levels
0 Kelvin Cross Sections

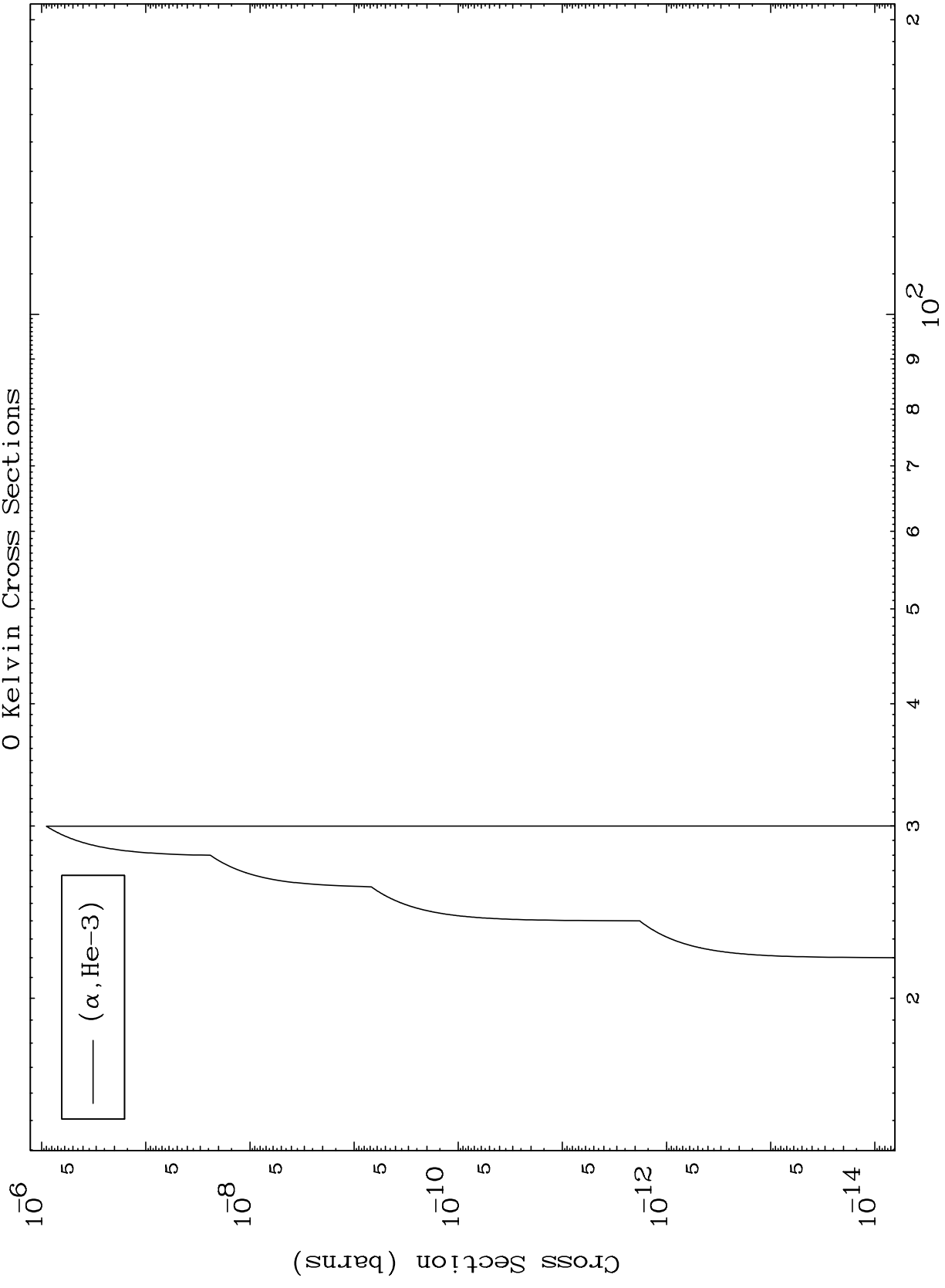
58-Ce-147



MAT 5858

(α ,He3) Levels
0 Kelvin Cross Sections

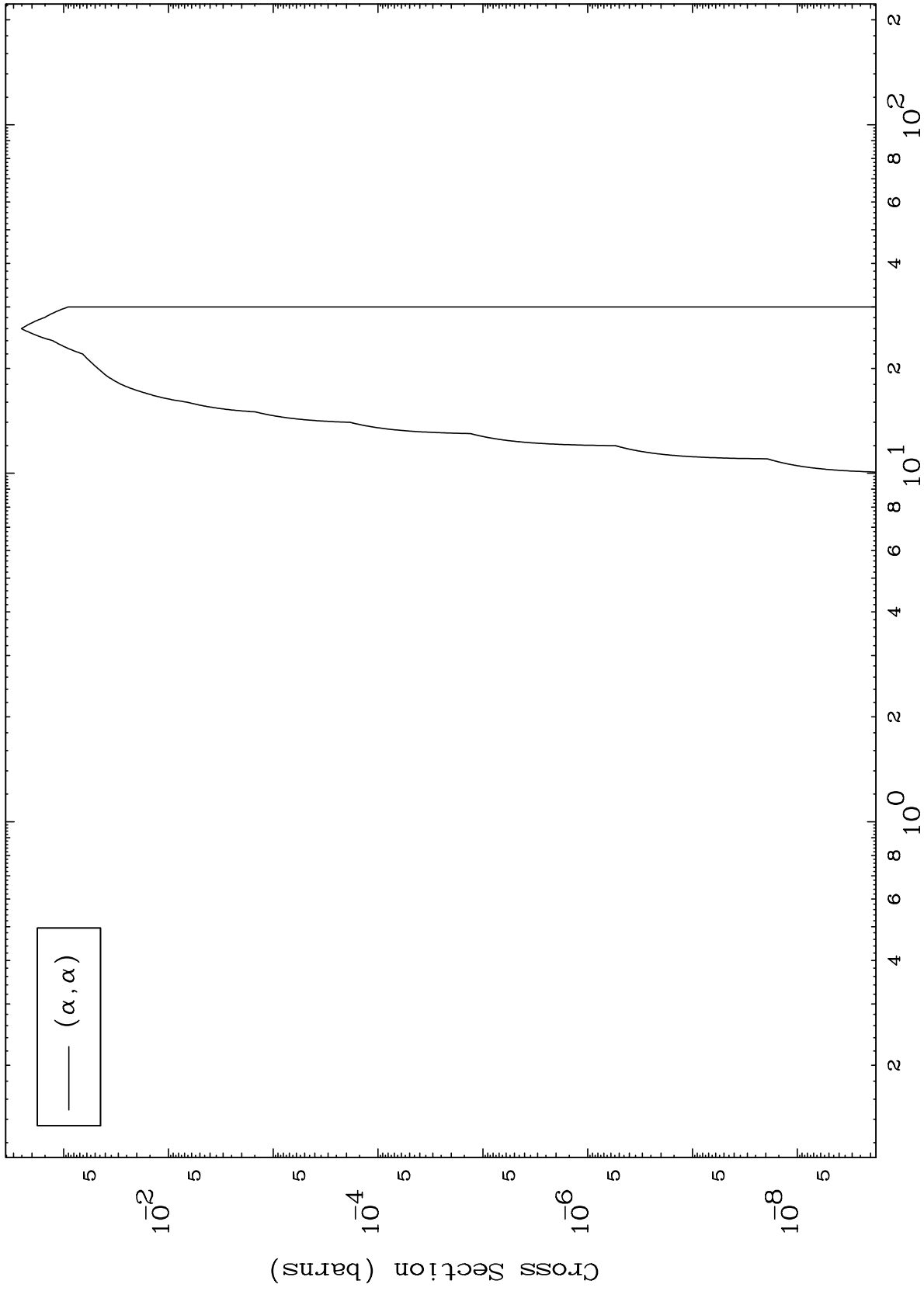
58-Ce-147



MAT 5858

(α, α) Levels
0 Kelvin Cross Sections

58-Ce-147



10

Incident Energy (MeV)

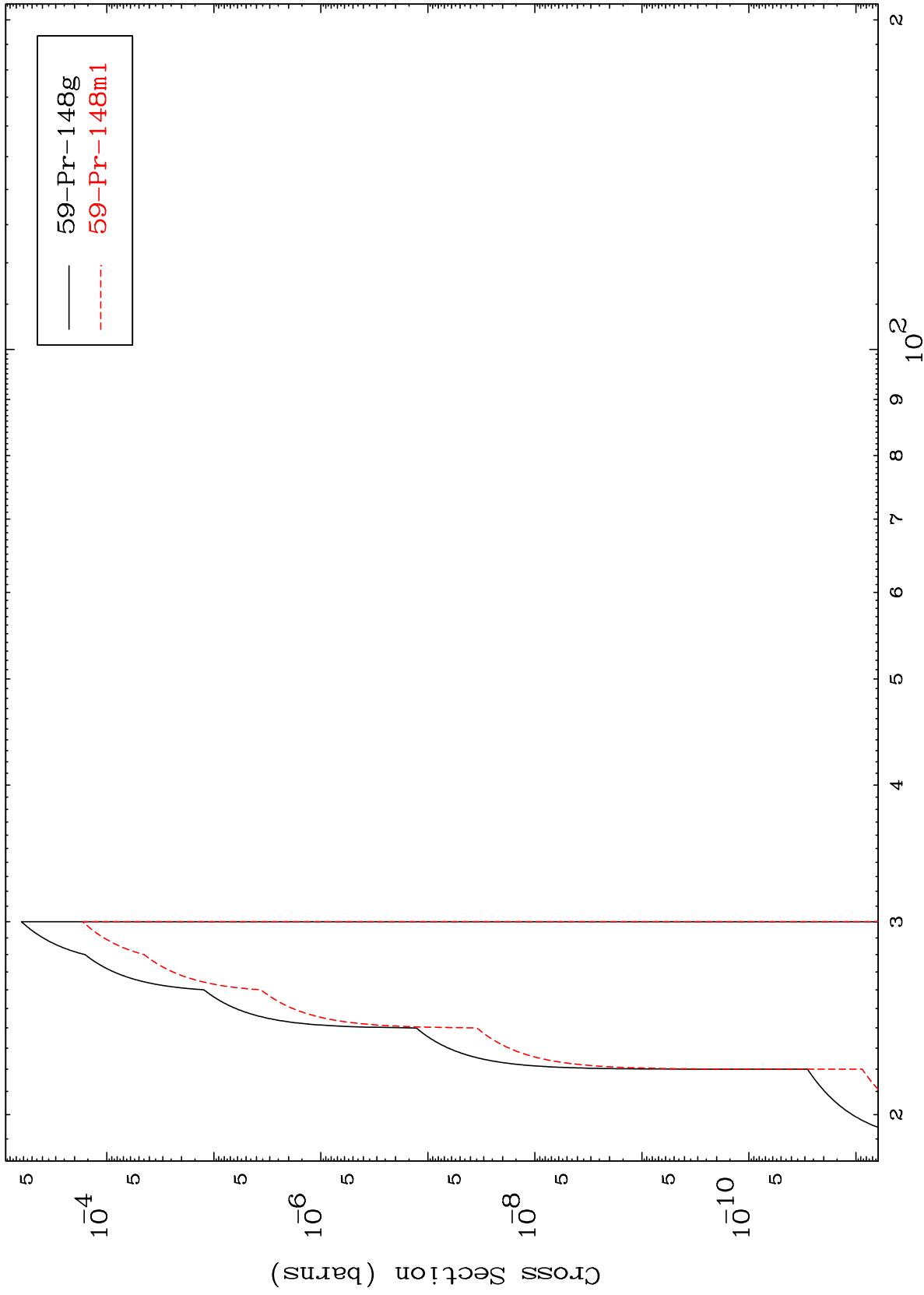
58-Ce-147

MAT 5858

(α, n') d

58-Ce-147

Radionuclide Production Cross Section



11

Incident Energy (MeV)

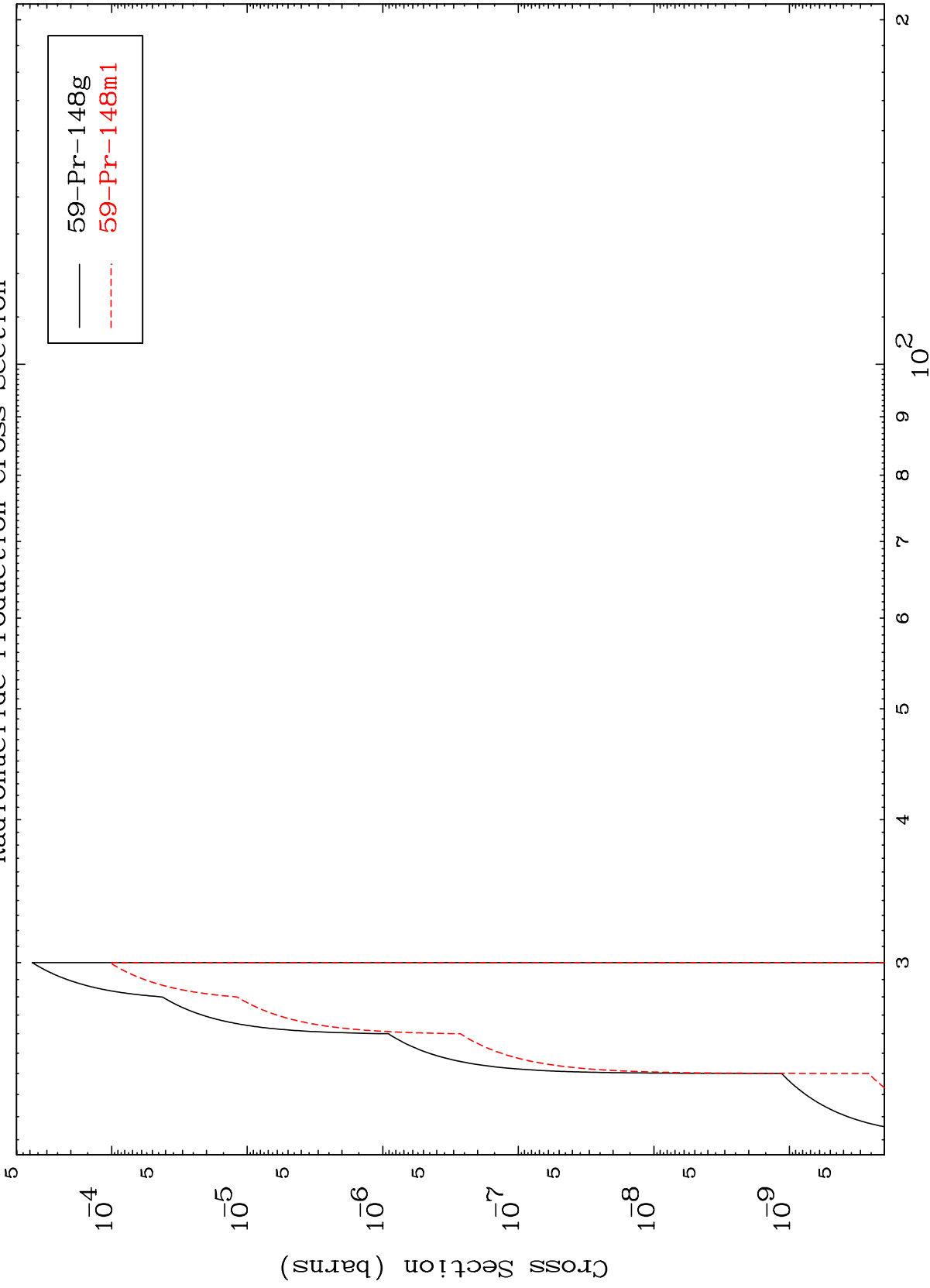
58-Ce-147

MAT 5858

($\alpha, 2n$) p

58-Ce-147

Radionuclide Production Cross Section



12

Incident Energy (MeV)

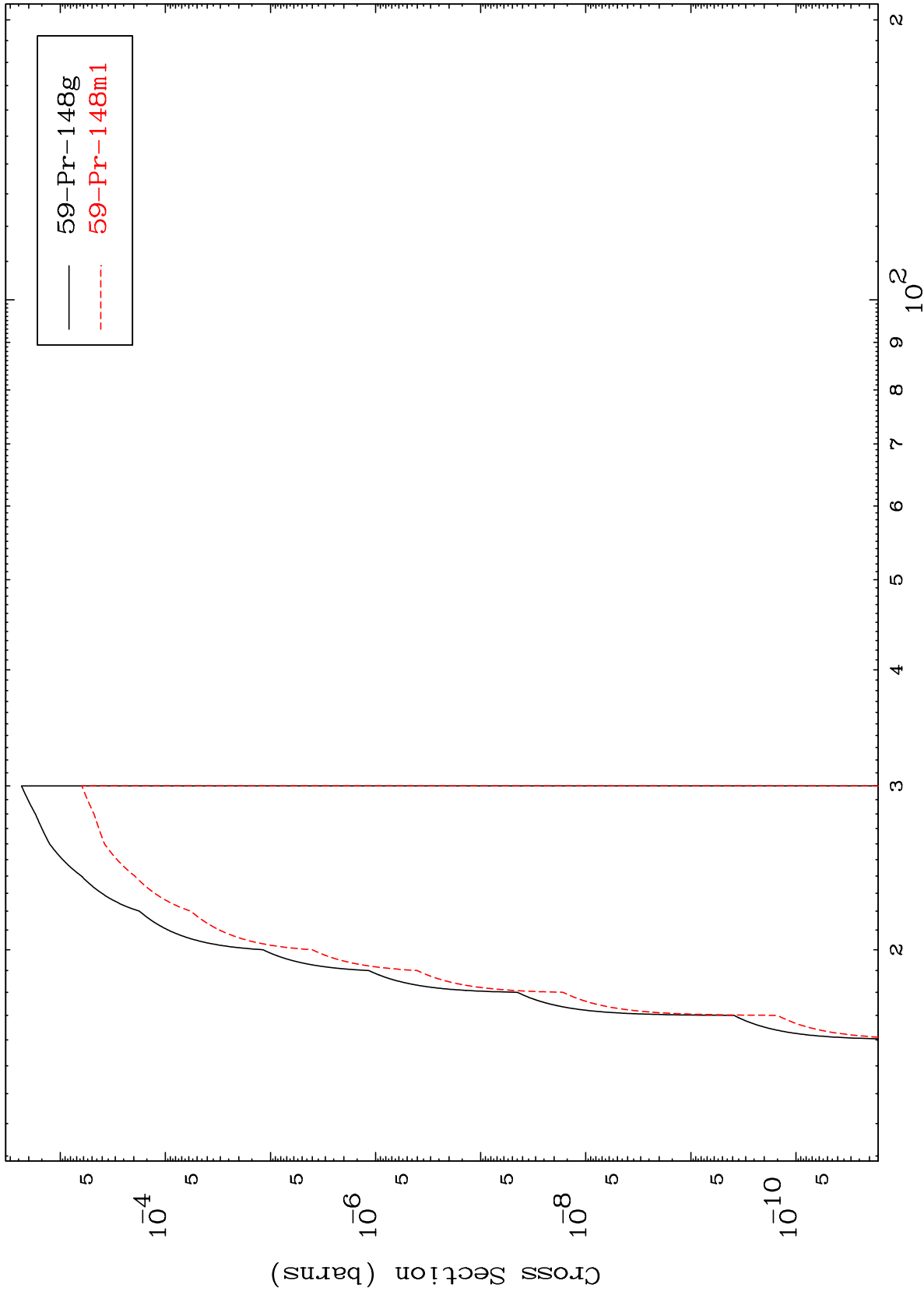
58-Ce-147

MAT 5858

(α, t)

58-Ce-147

Radionuclide Production Cross Section



13

Incident Energy (MeV)

58-Ce-147