

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

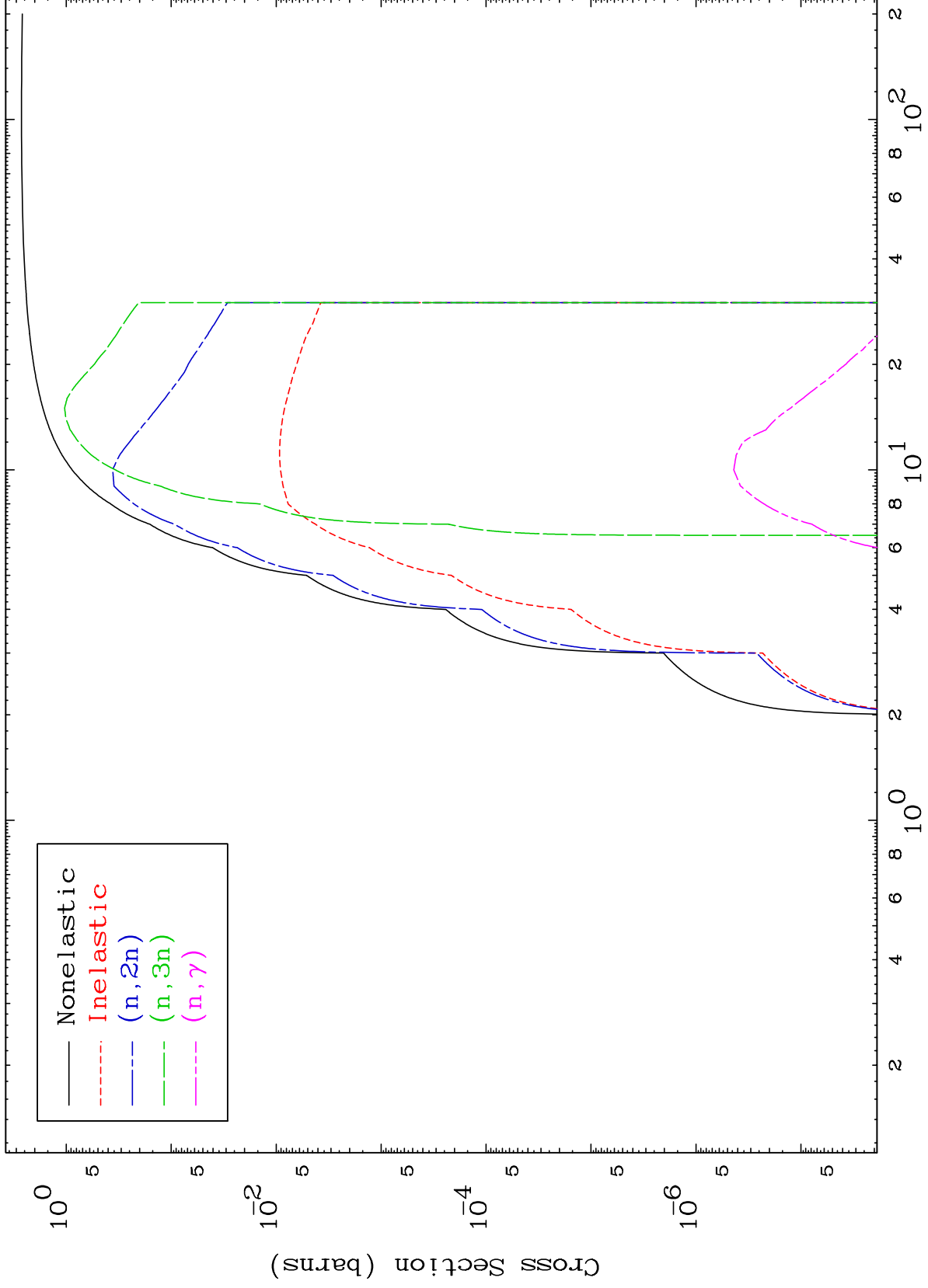
Web:redcullen1.net/HOMEPAGE.NEW

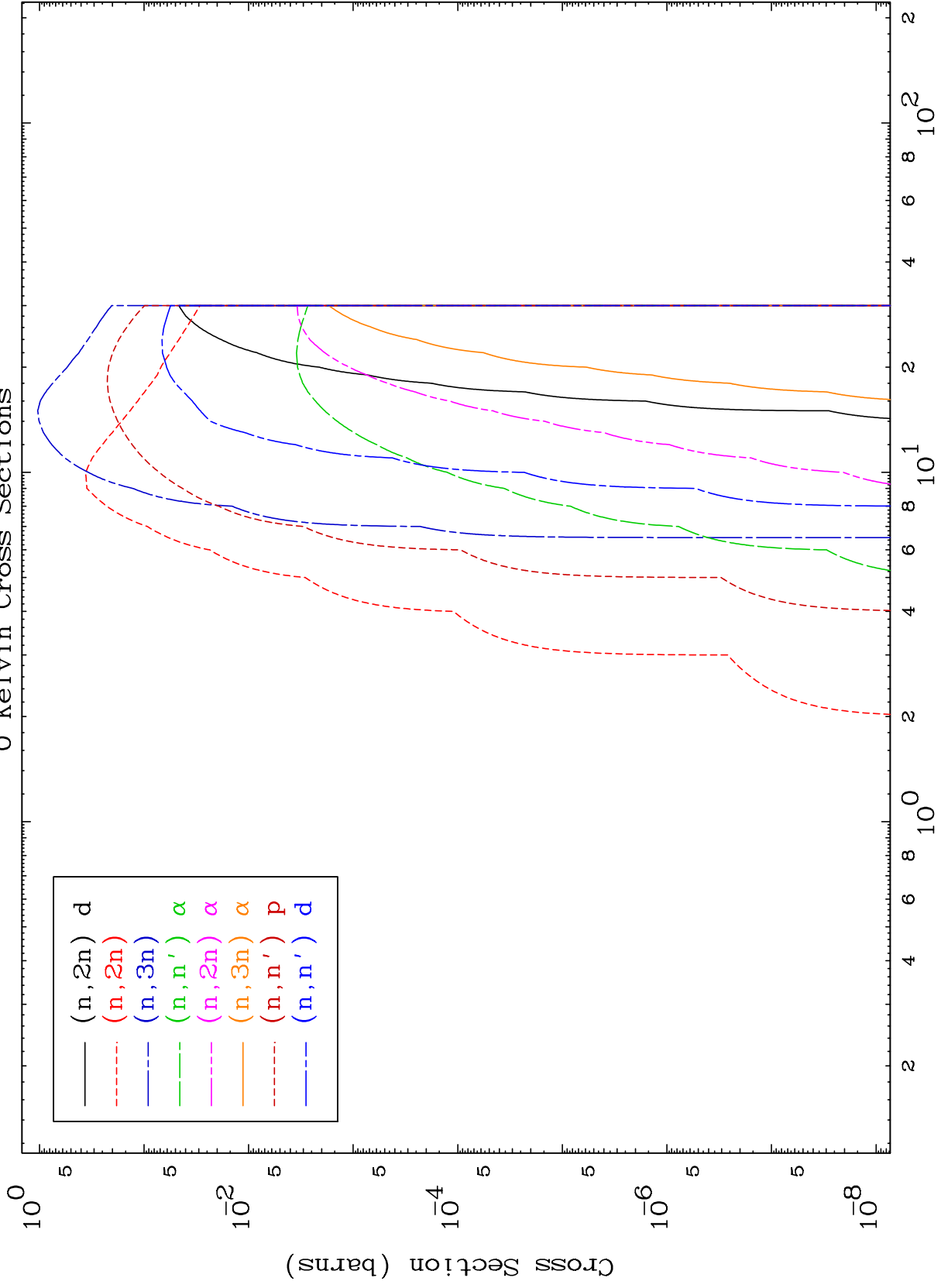
Press Mouse Button to Start

MAT 5858

Deuteron Major
0 Kelvin Cross Sections

58-Ce-147

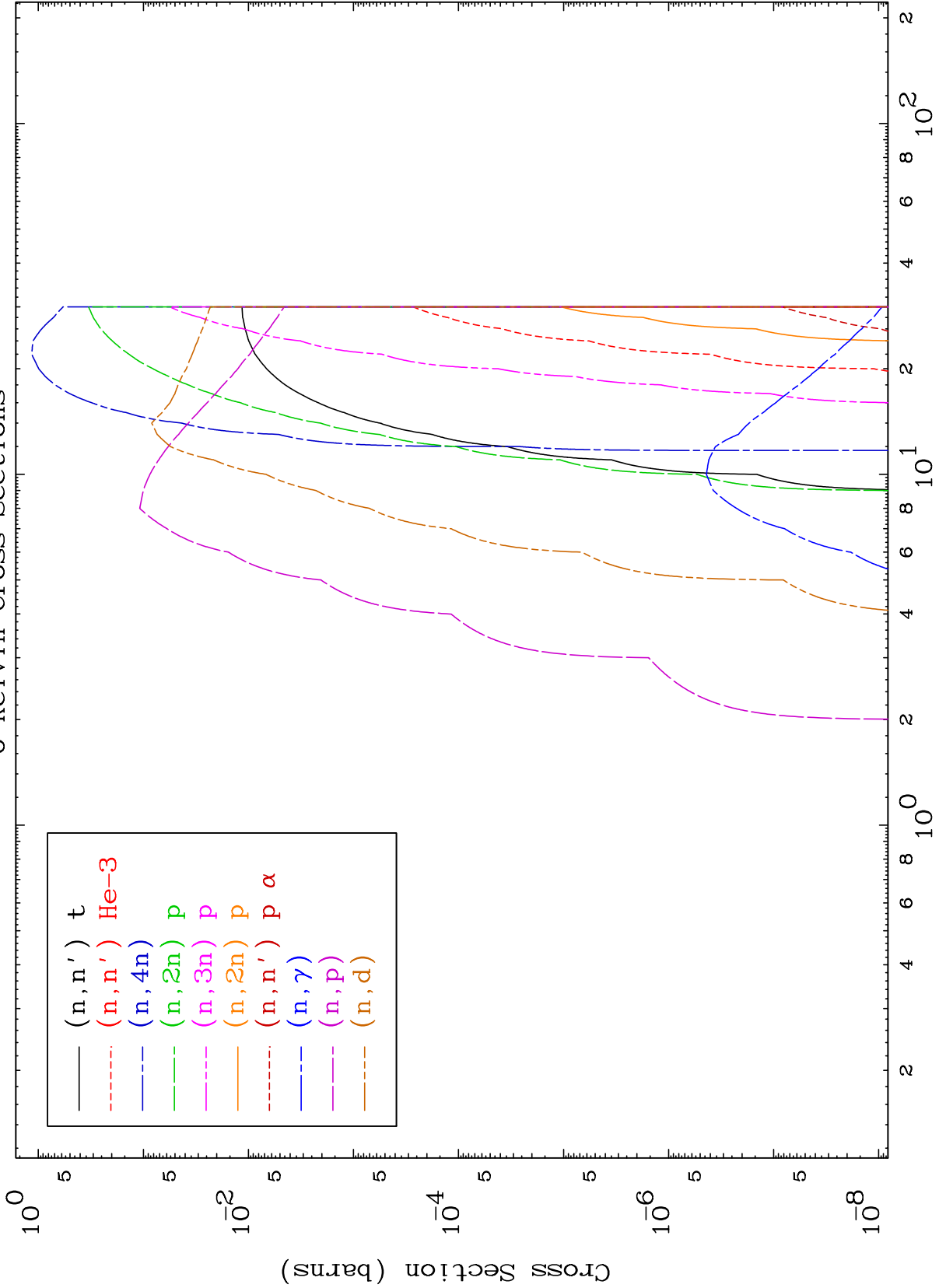




MAT 5858

Deuteron Neutron Absorption
0 Kelvin Cross Sections

58-Ce-147



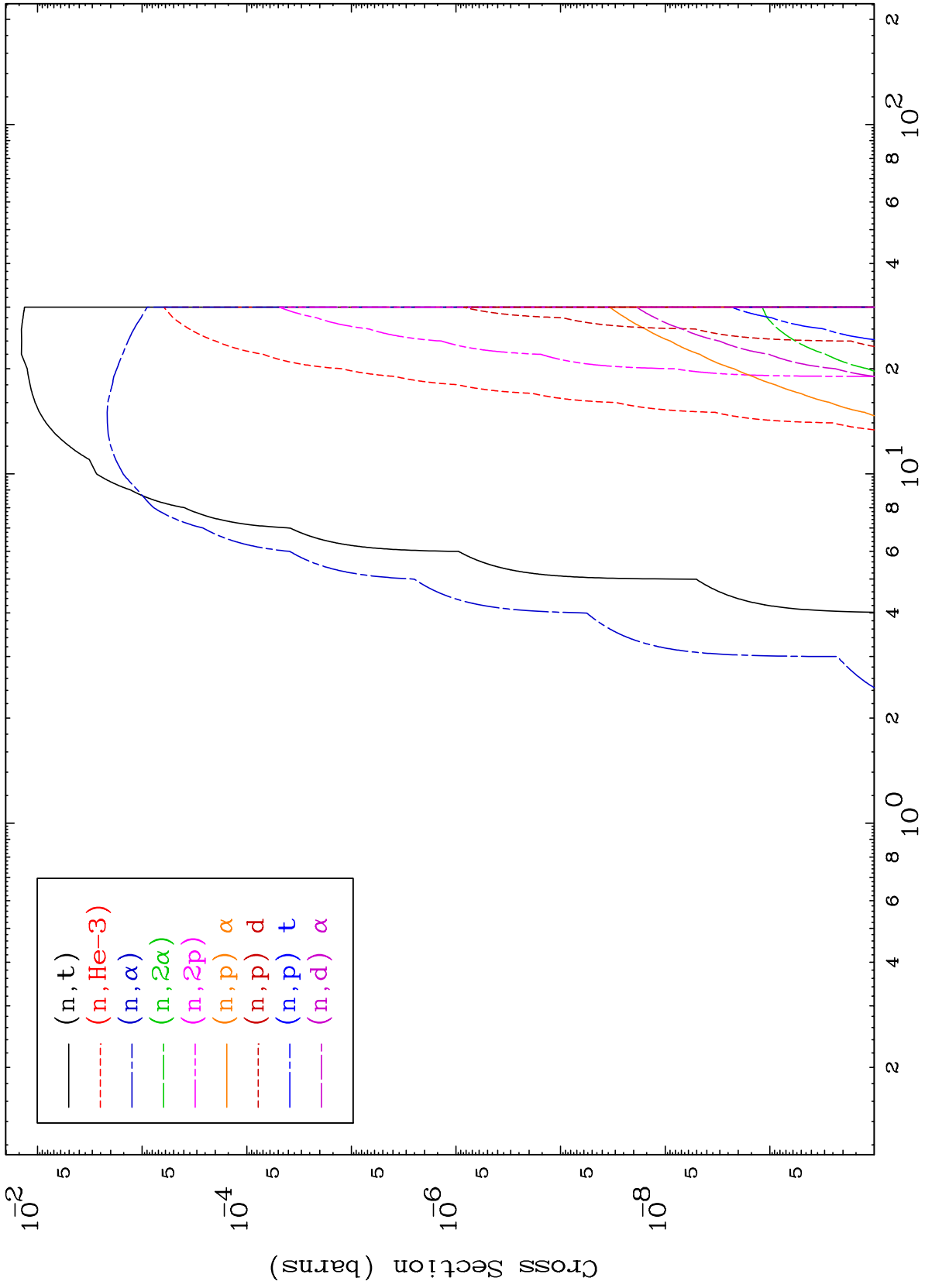
58-Ce-147

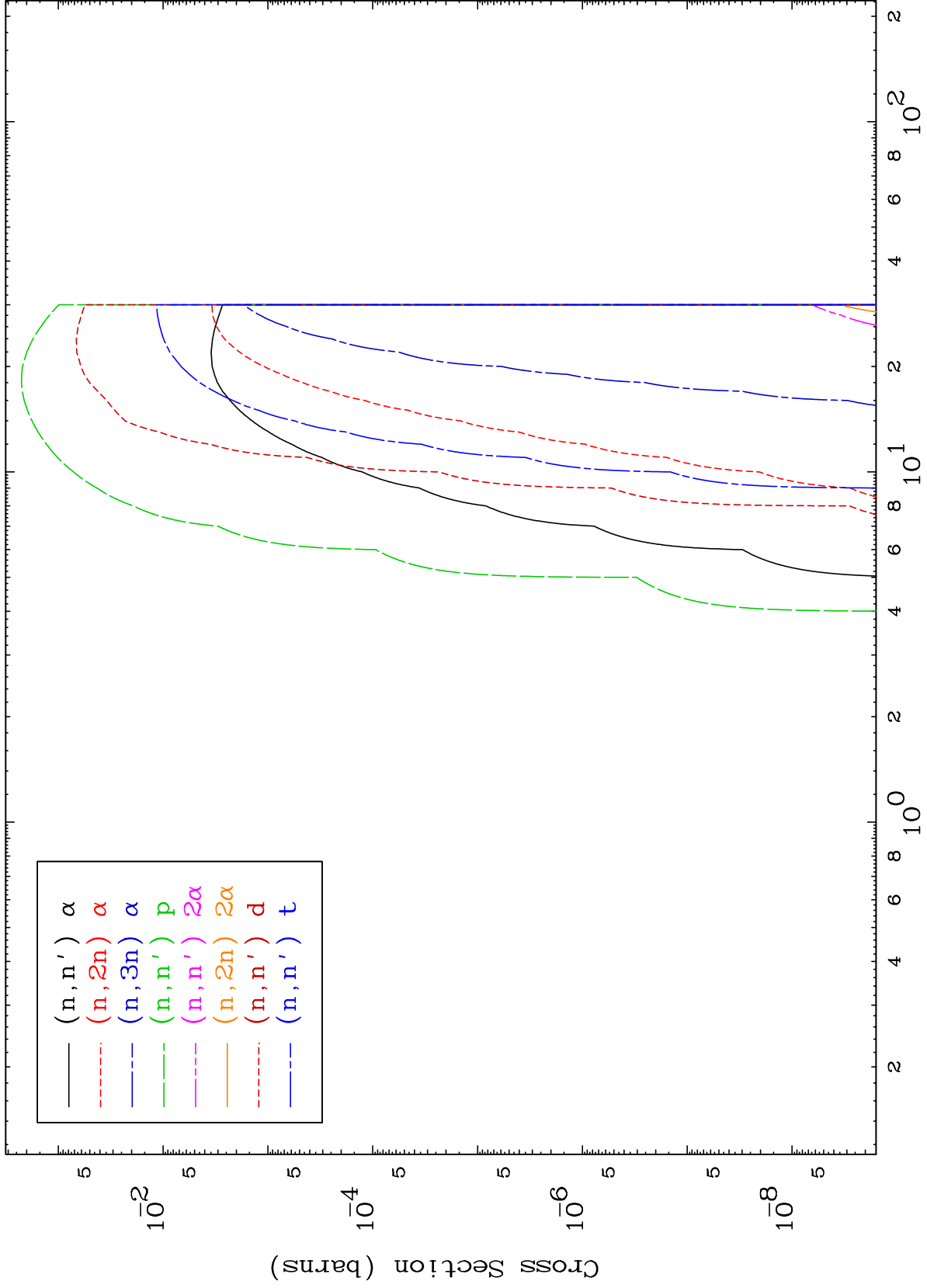
Incident Energy (MeV)

MAT 5858

Deuteron Neutron Absorption
0 Kelvin Cross Sections

58-Ce-147

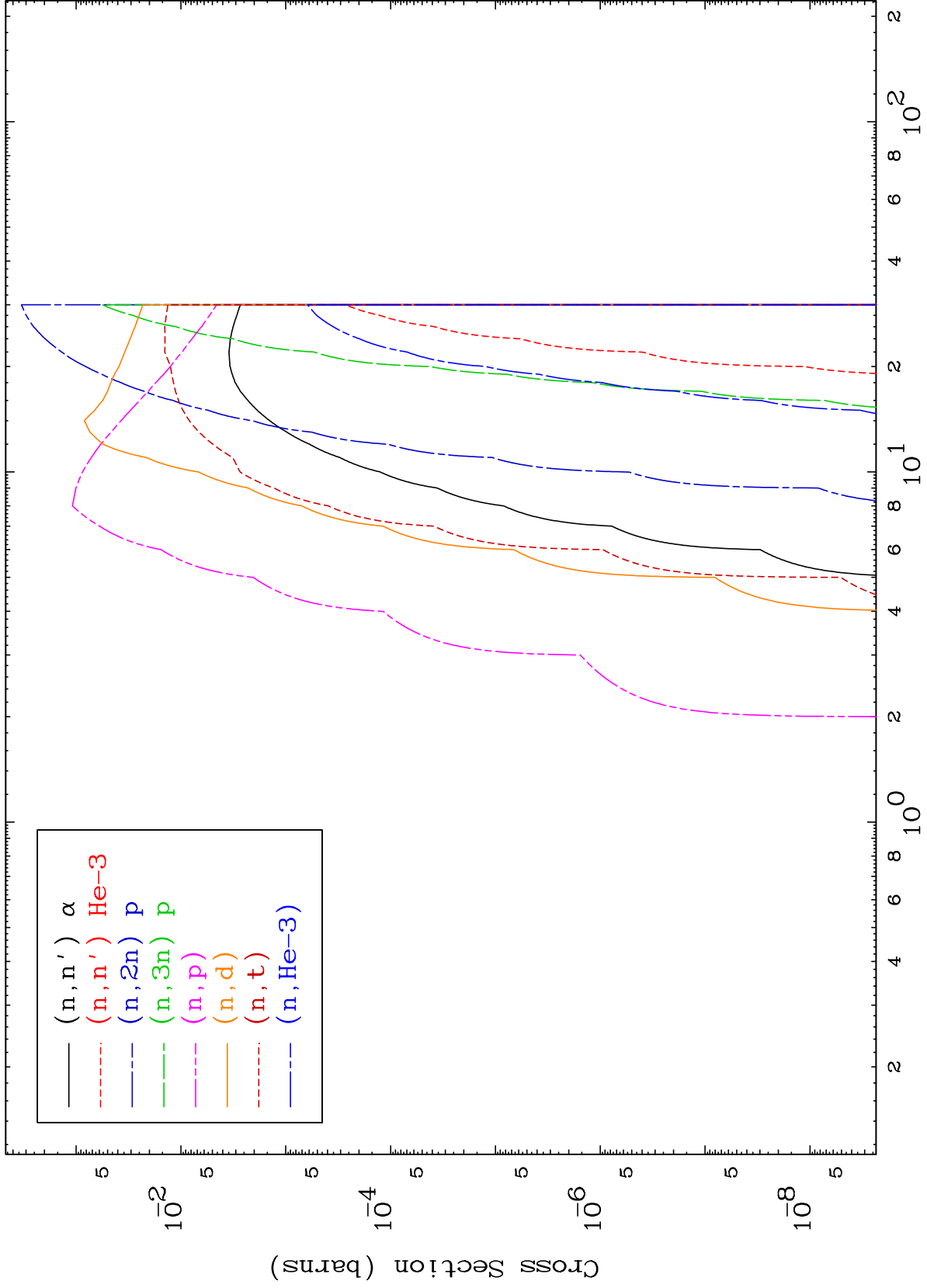




MAT 5858

Deuteron Charged Particle
0 Kelvin Cross Sections

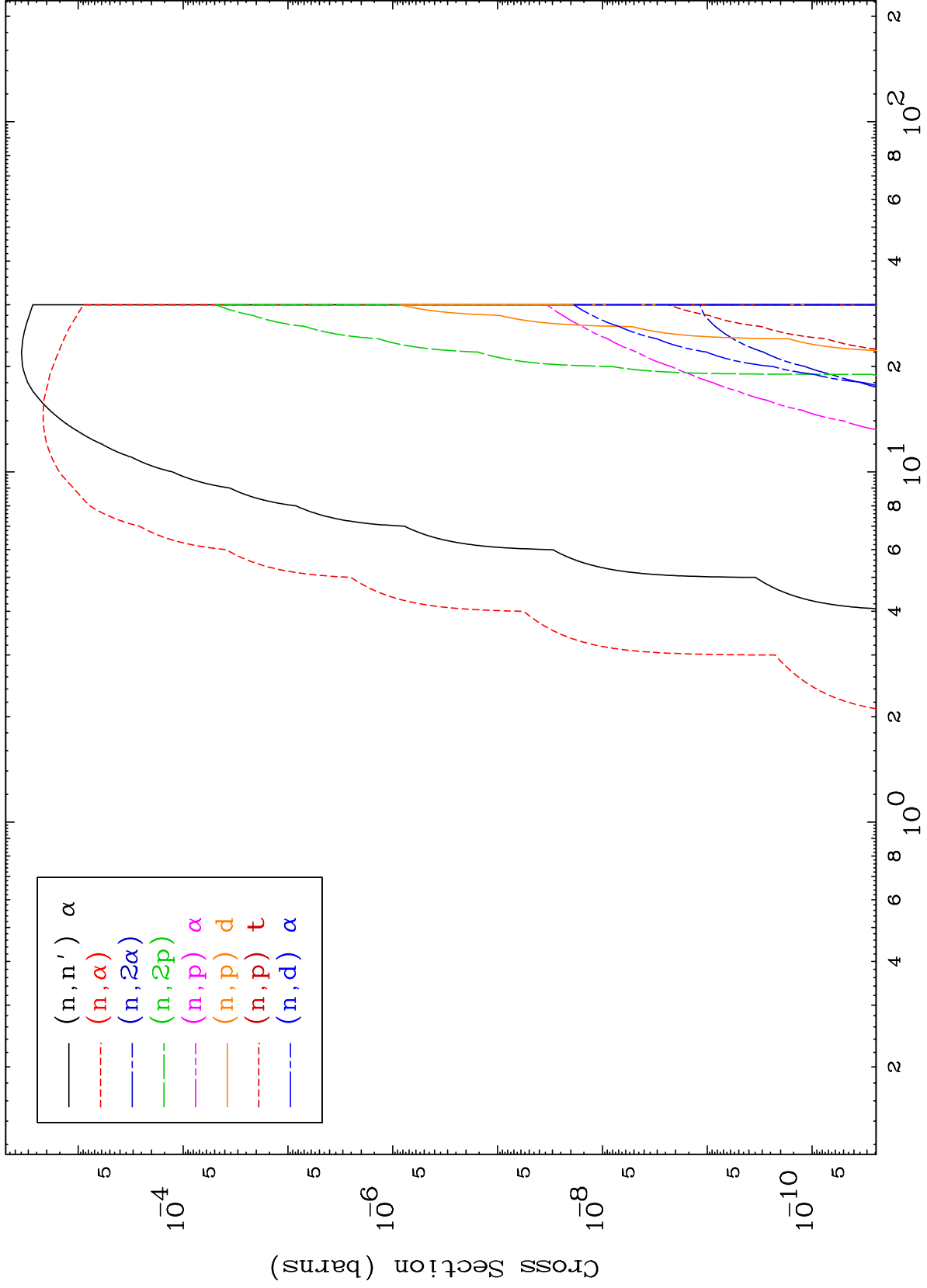
58-Ce-147



MAT 5858

Deuteron Charged Particle
0 Kelvin Cross Sections

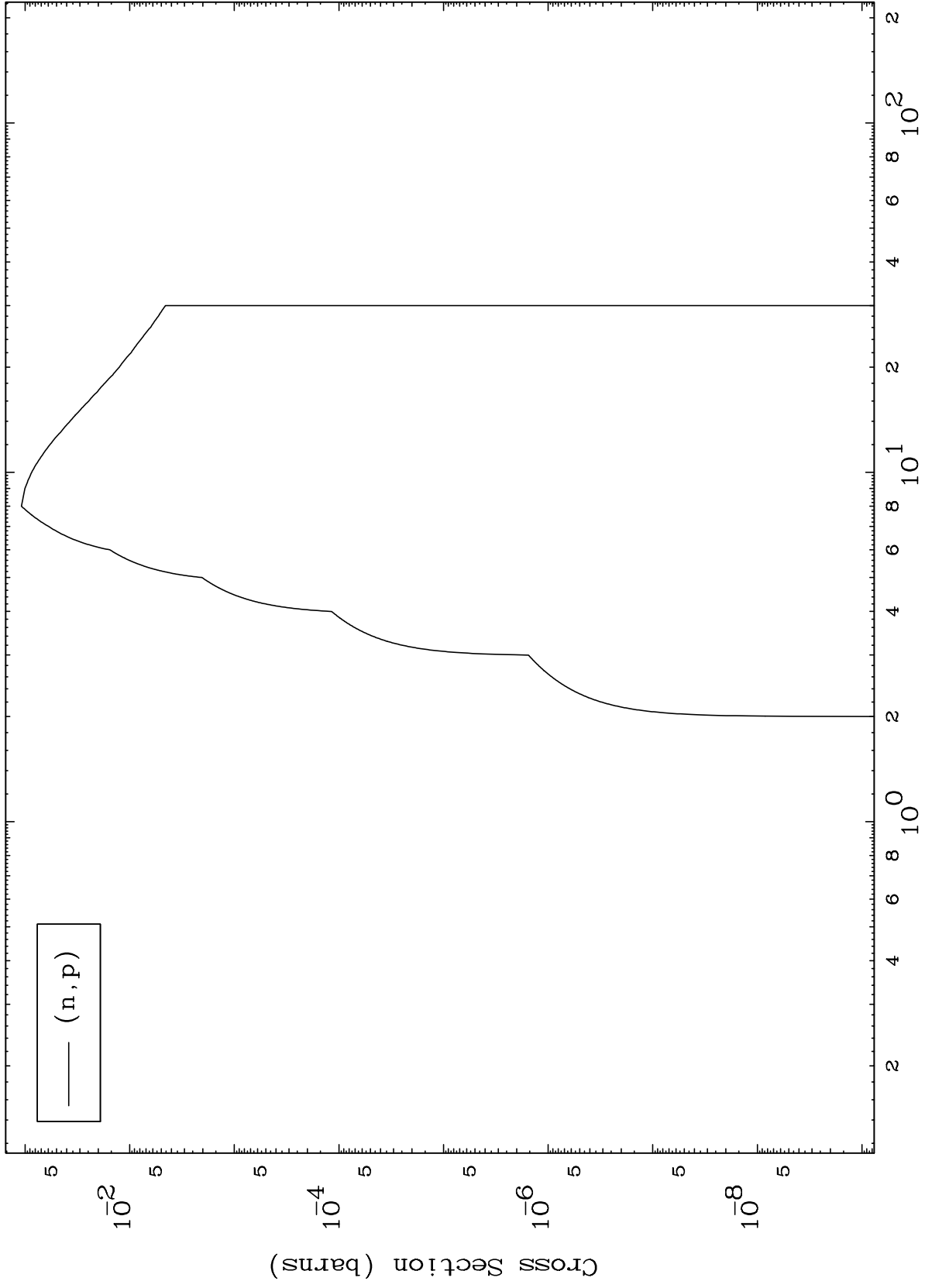
58-Ce-147



MAT 5858

(d,p) Levels
0 Kelvin Cross Sections

58-Ce-147

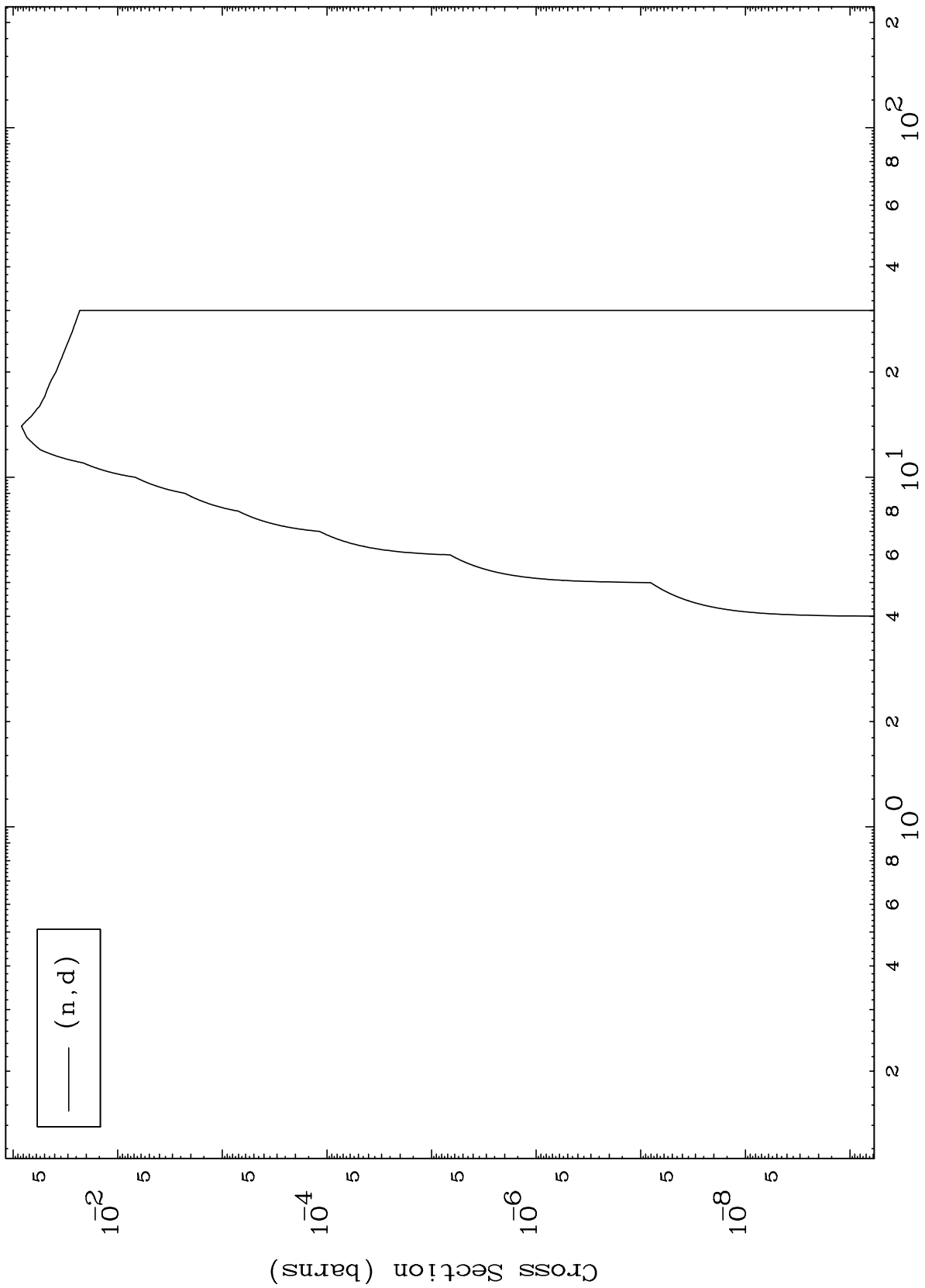


MAT 5858

(d,d) Levels

58-Ce-147

0 Kelvin Cross Sections

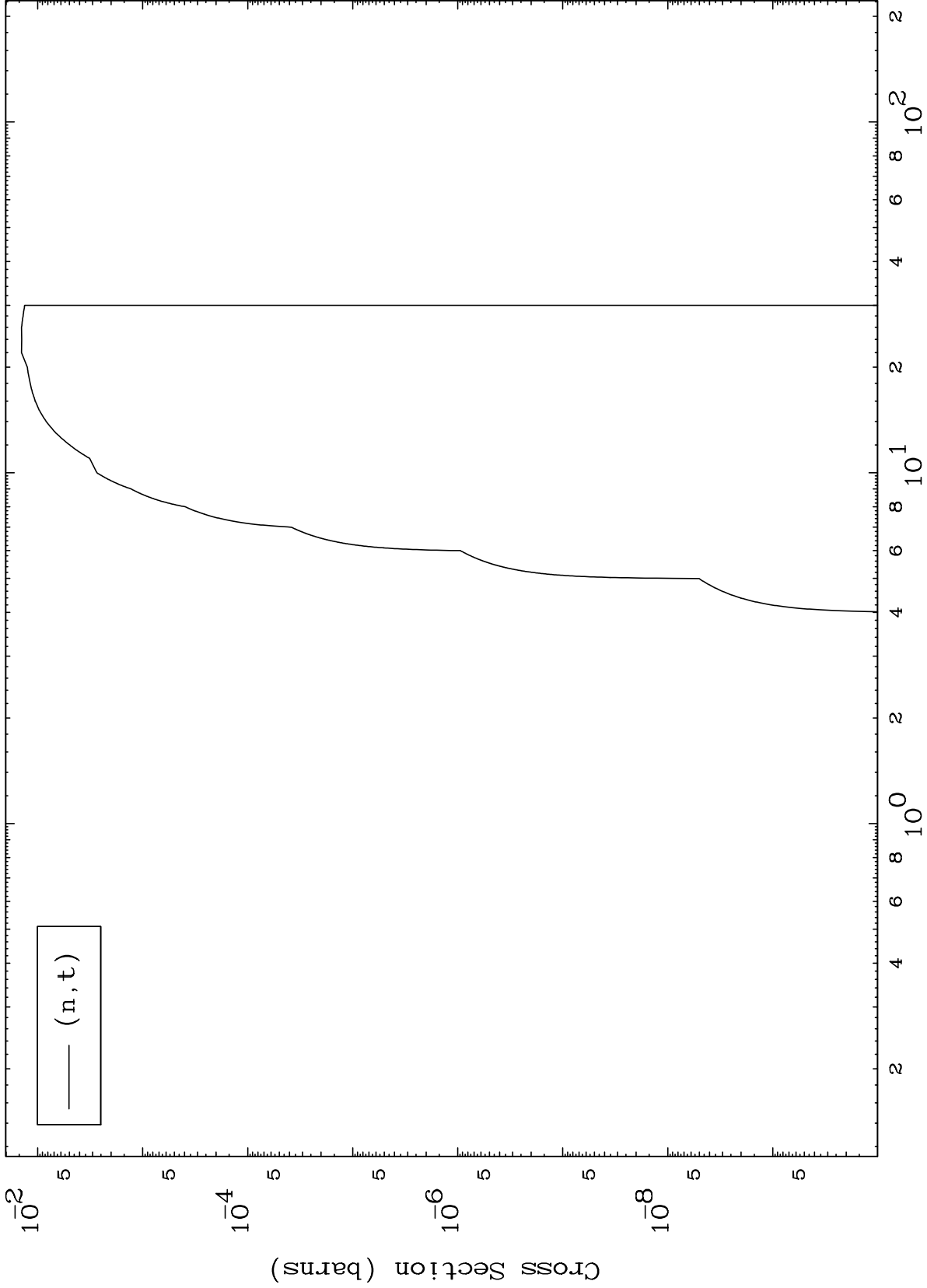


MAT 5858

(d,t) Levels

58-Ce-147

0 Kelvin Cross Sections



10

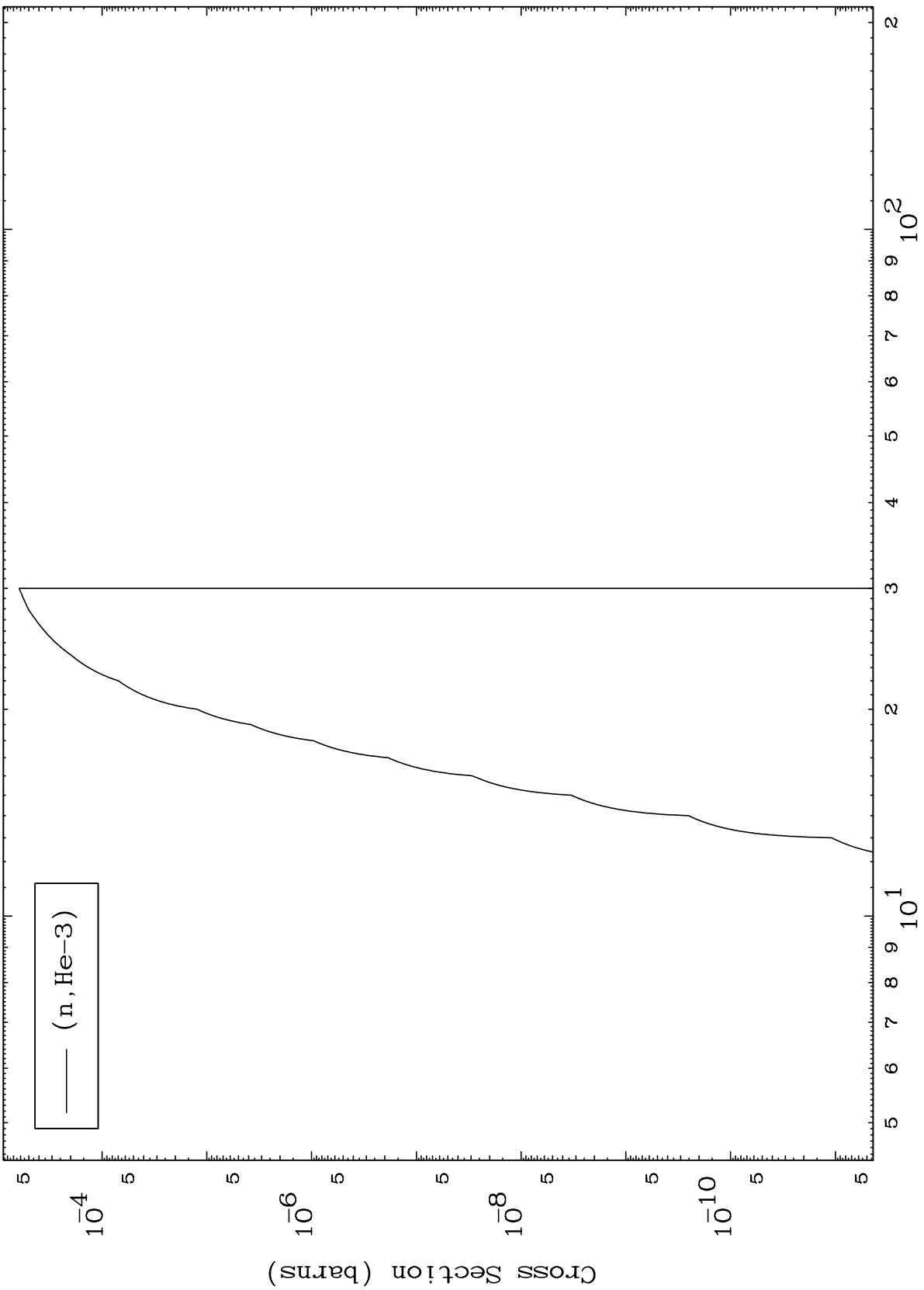
Incident Energy (MeV)

58-Ce-147

MAT 5858

58-Ce-147

(d,He3) Levels
0 Kelvin Cross Sections



11

Incident Energy (MeV)

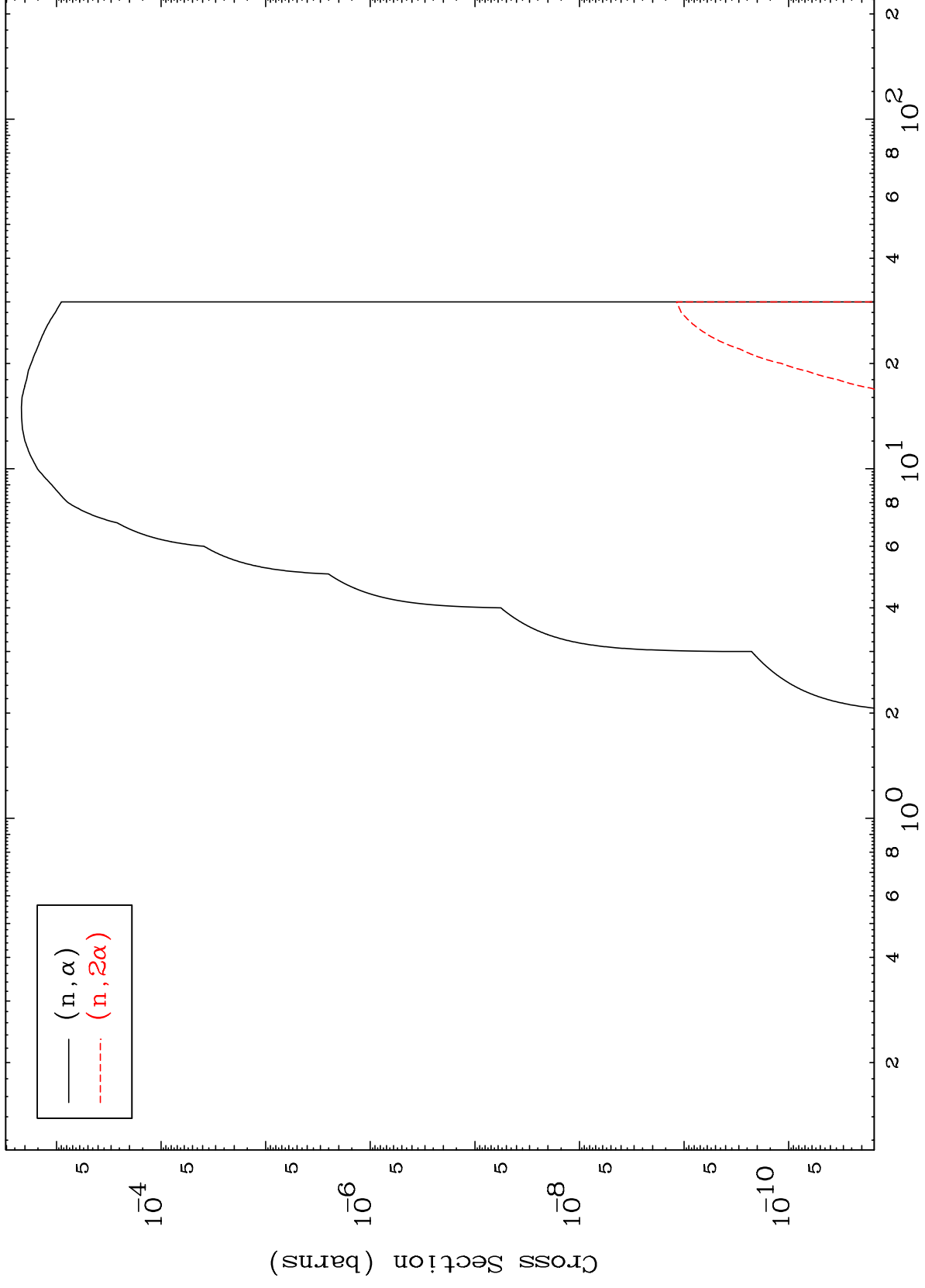
58-Ce-147

MAT 5858

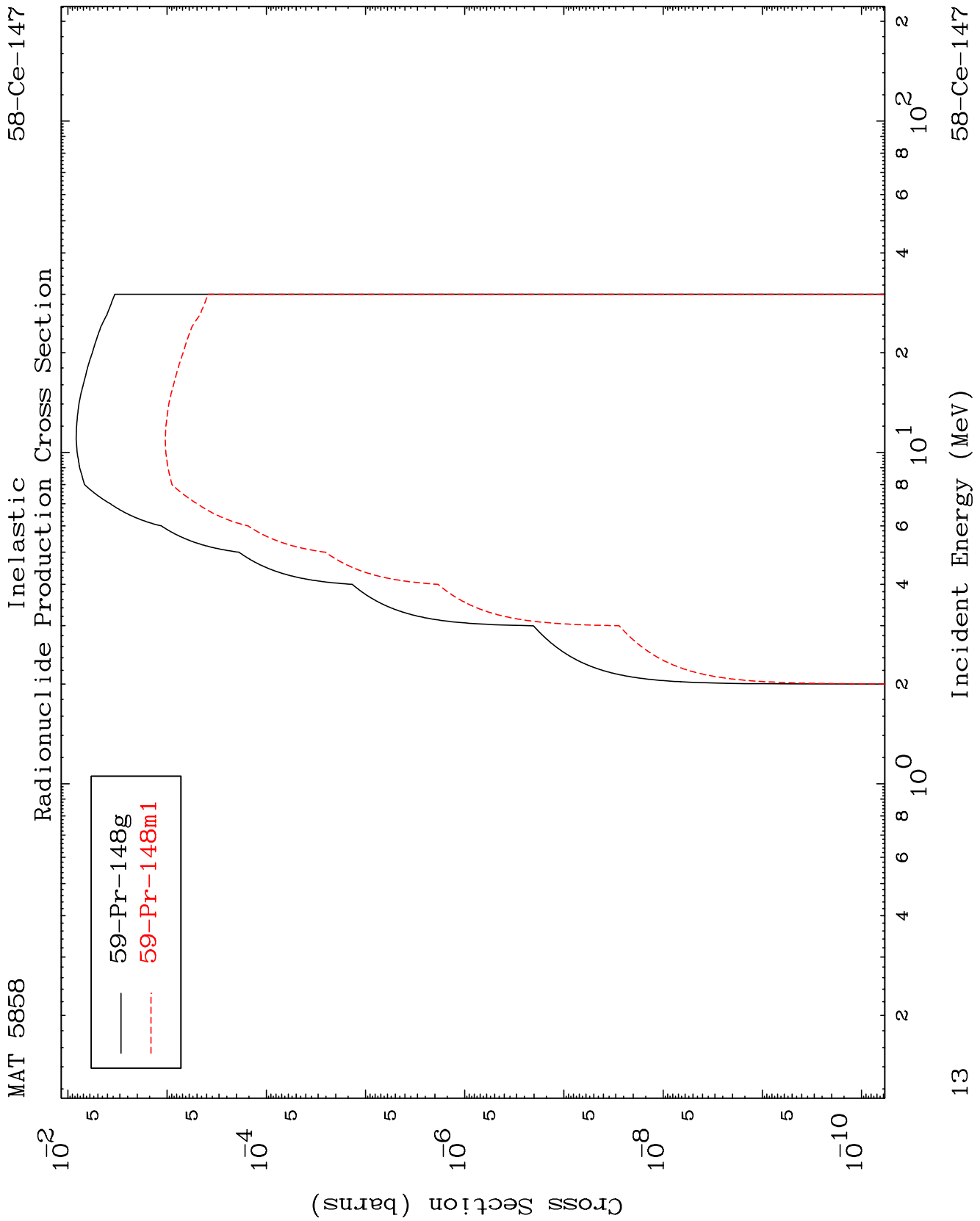
(d, α) Levels

58-Ce-147

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

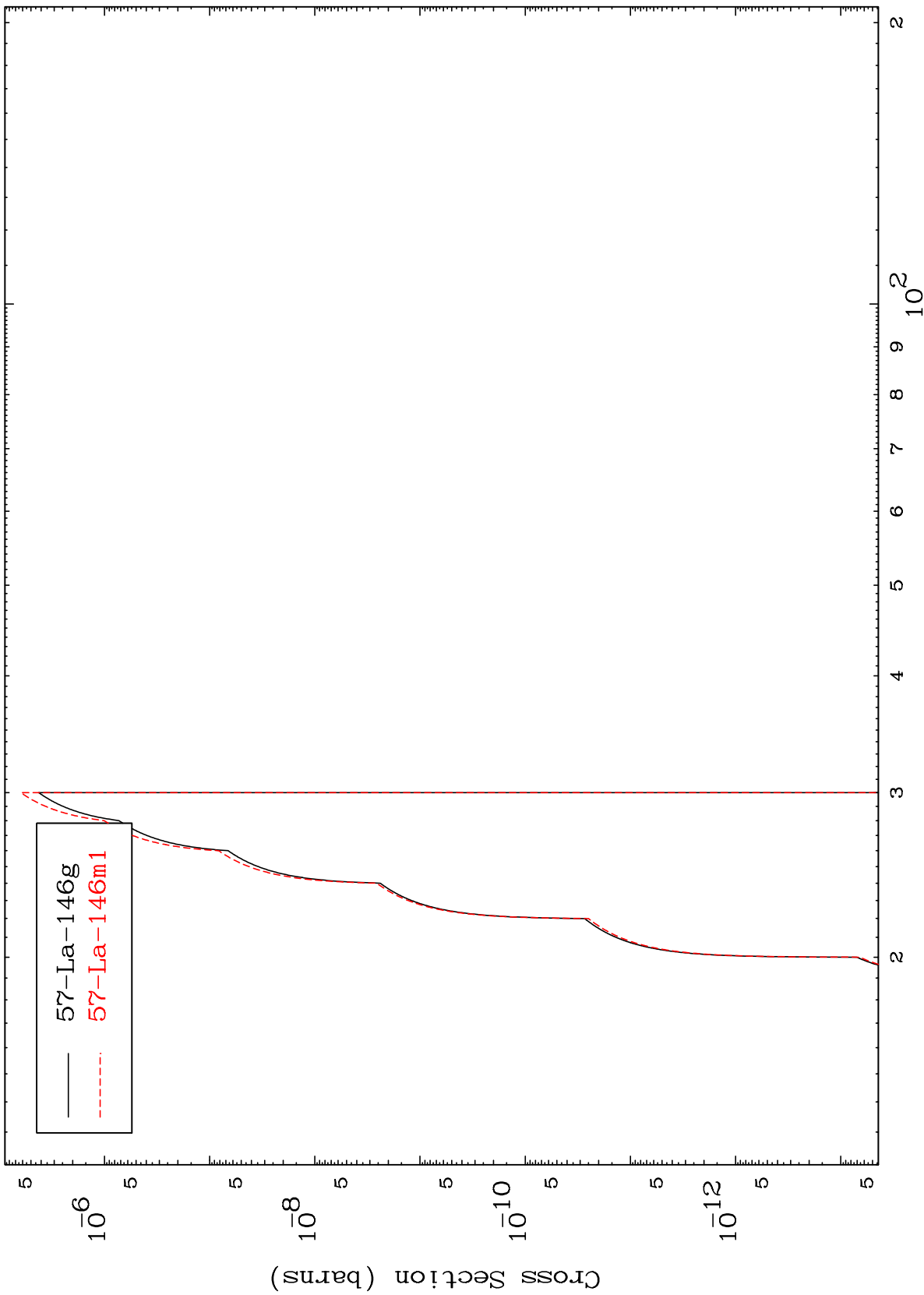


MAT 5858

(n,2n) p

58-Ce-147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

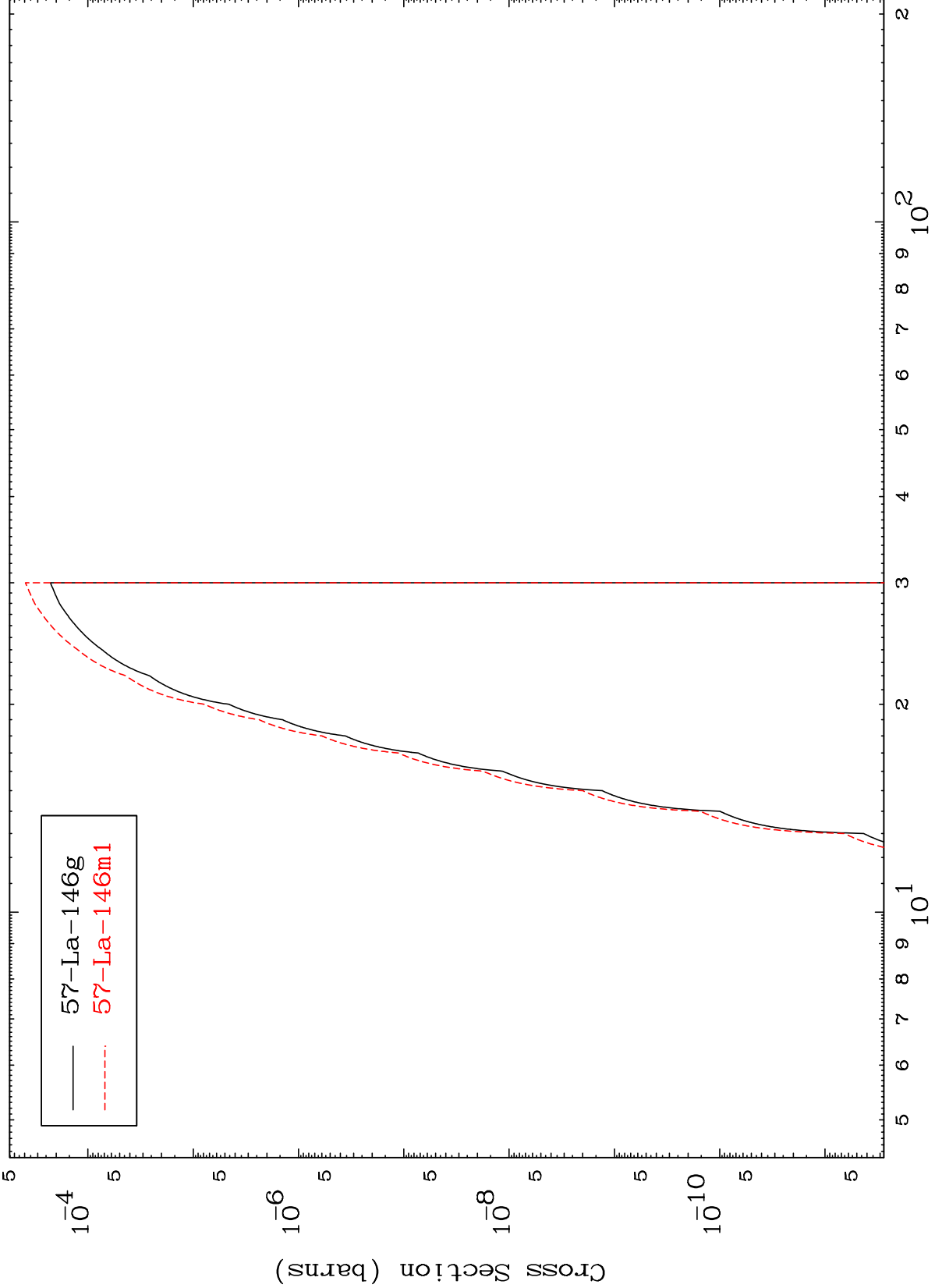
58-Ce-147

MAT 5858

(n,He-3)

58-Ce-147

Radionuclide Production Cross Section



57-La-146g
57-La-146m1

15

Incident Energy (MeV)

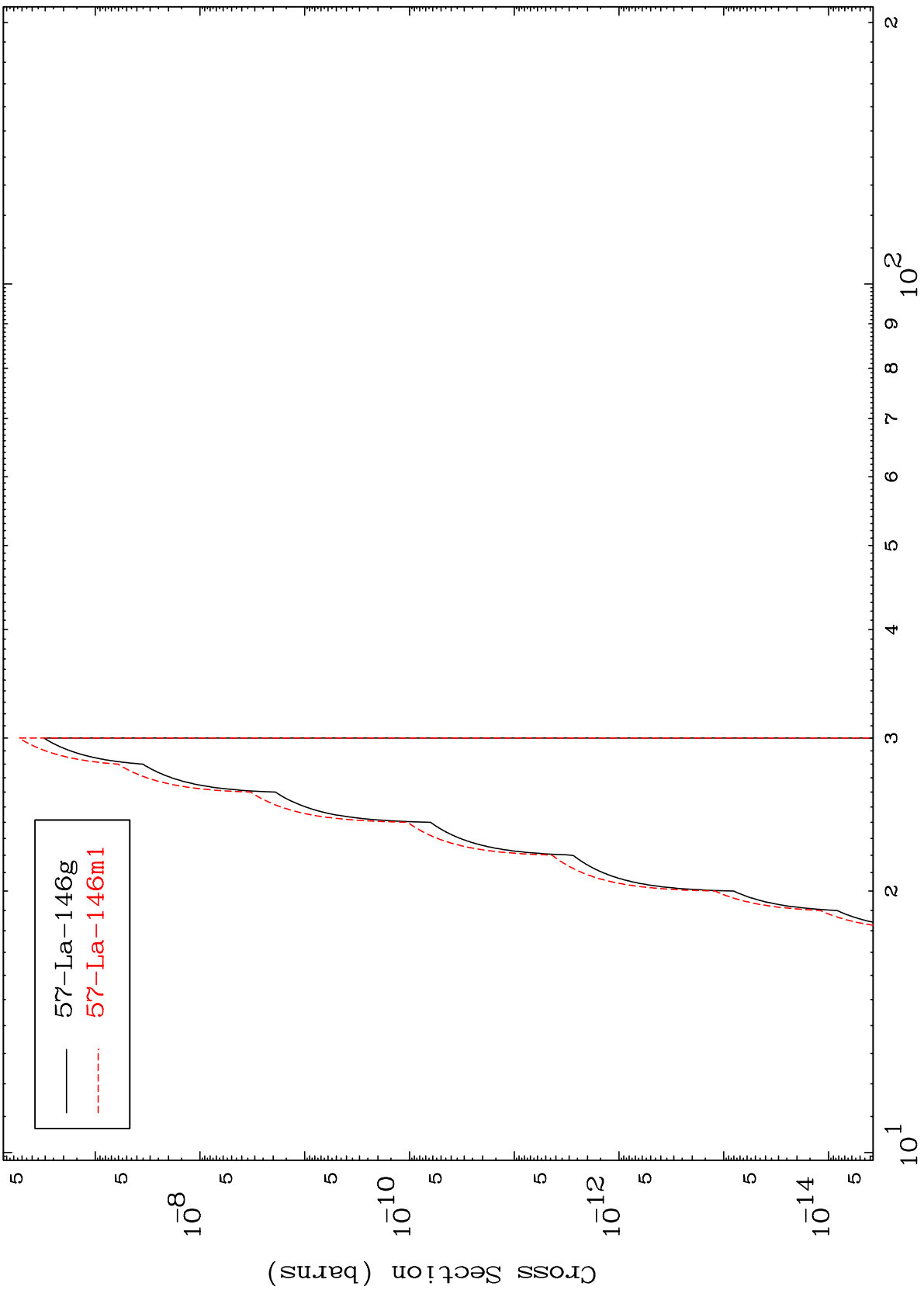
58-Ce-147

MAT 5858

(n,p) d

58-Ce-147

Radionuclide Production Cross Section



Incident Energy (MeV)

58-Ce-147

16