

Program EVALPLOT
(Version 2021-1)

by

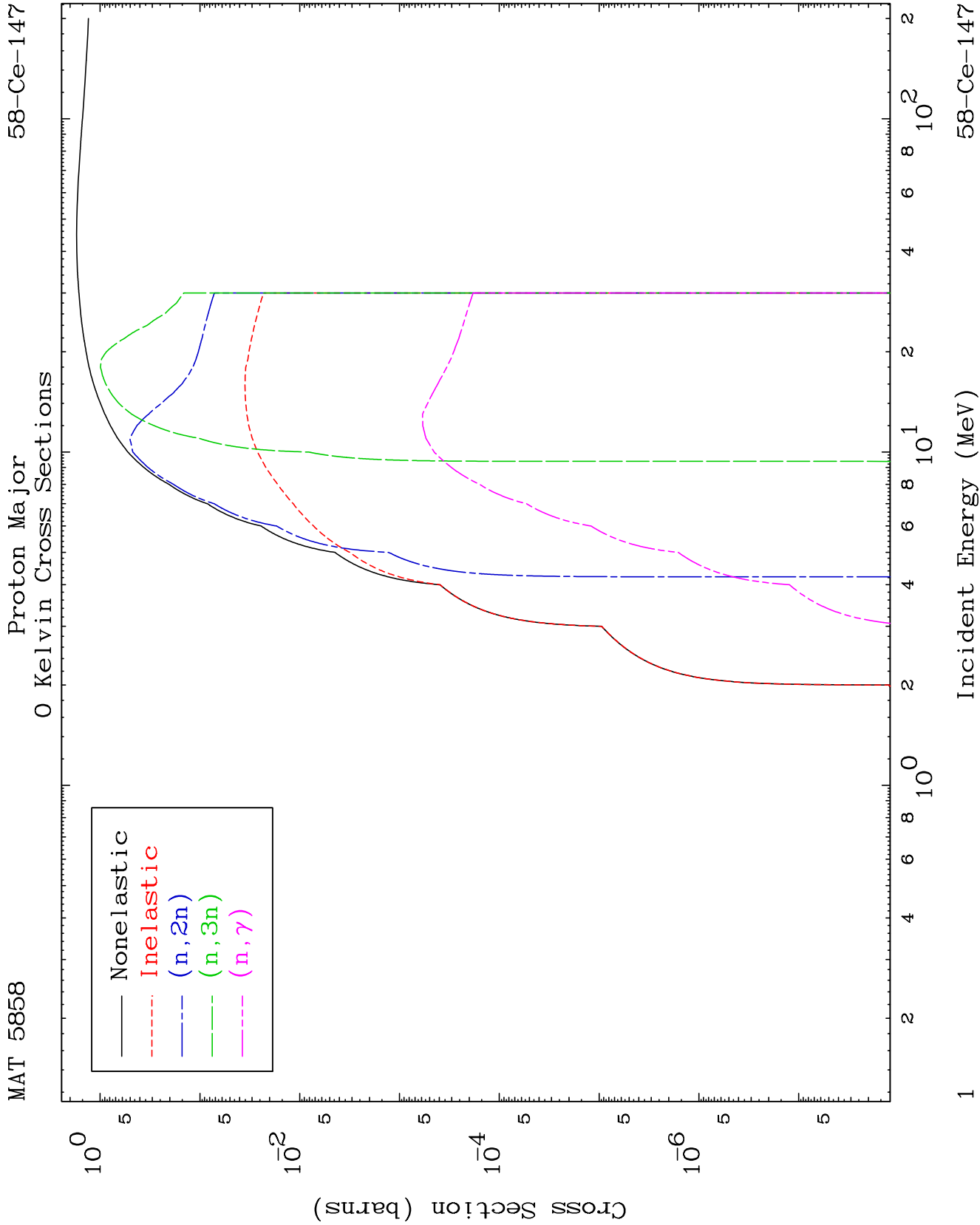
Dermott E. Cullen
(Present Contact Information)

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

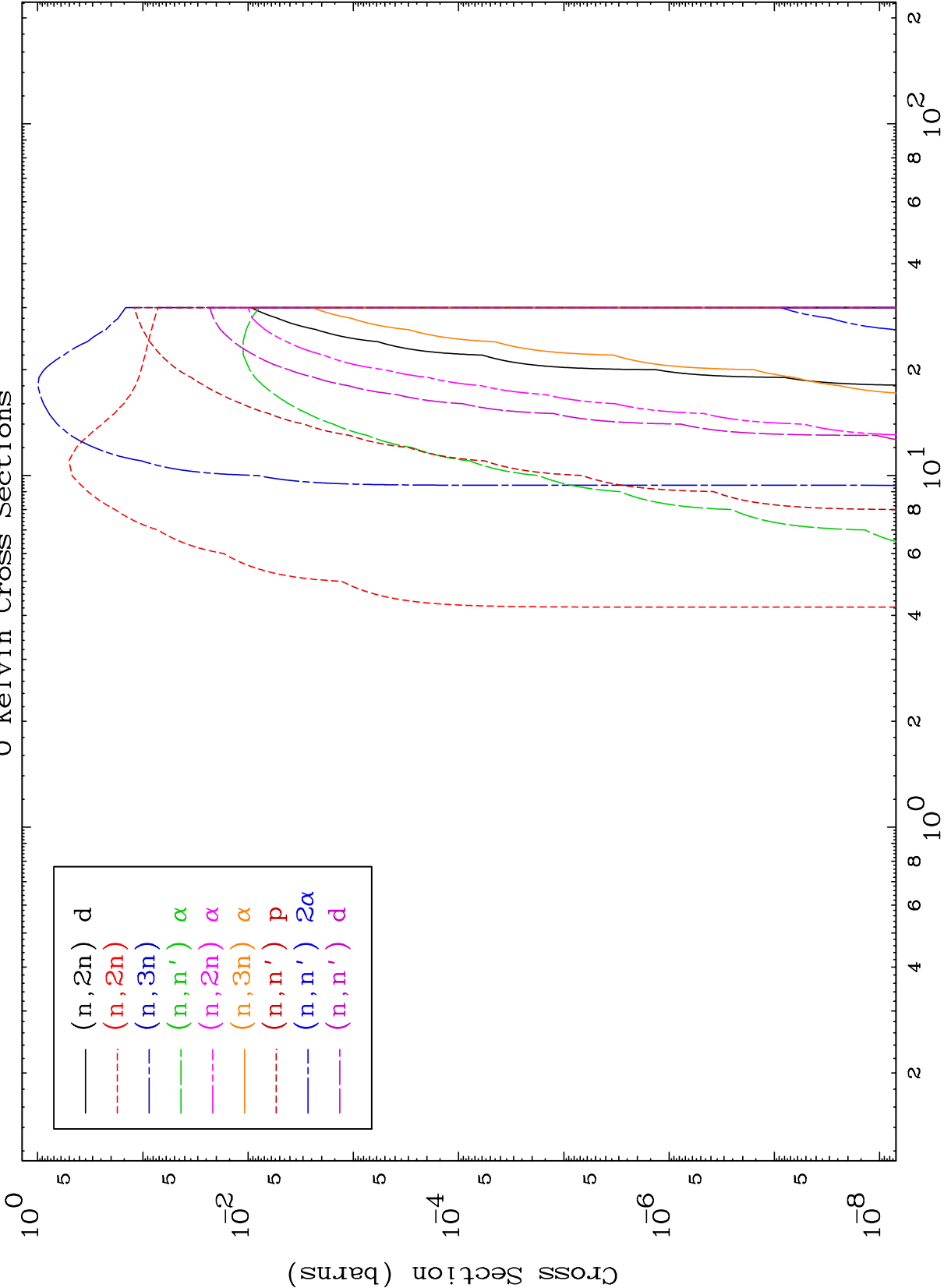
Press Mouse Button to Start

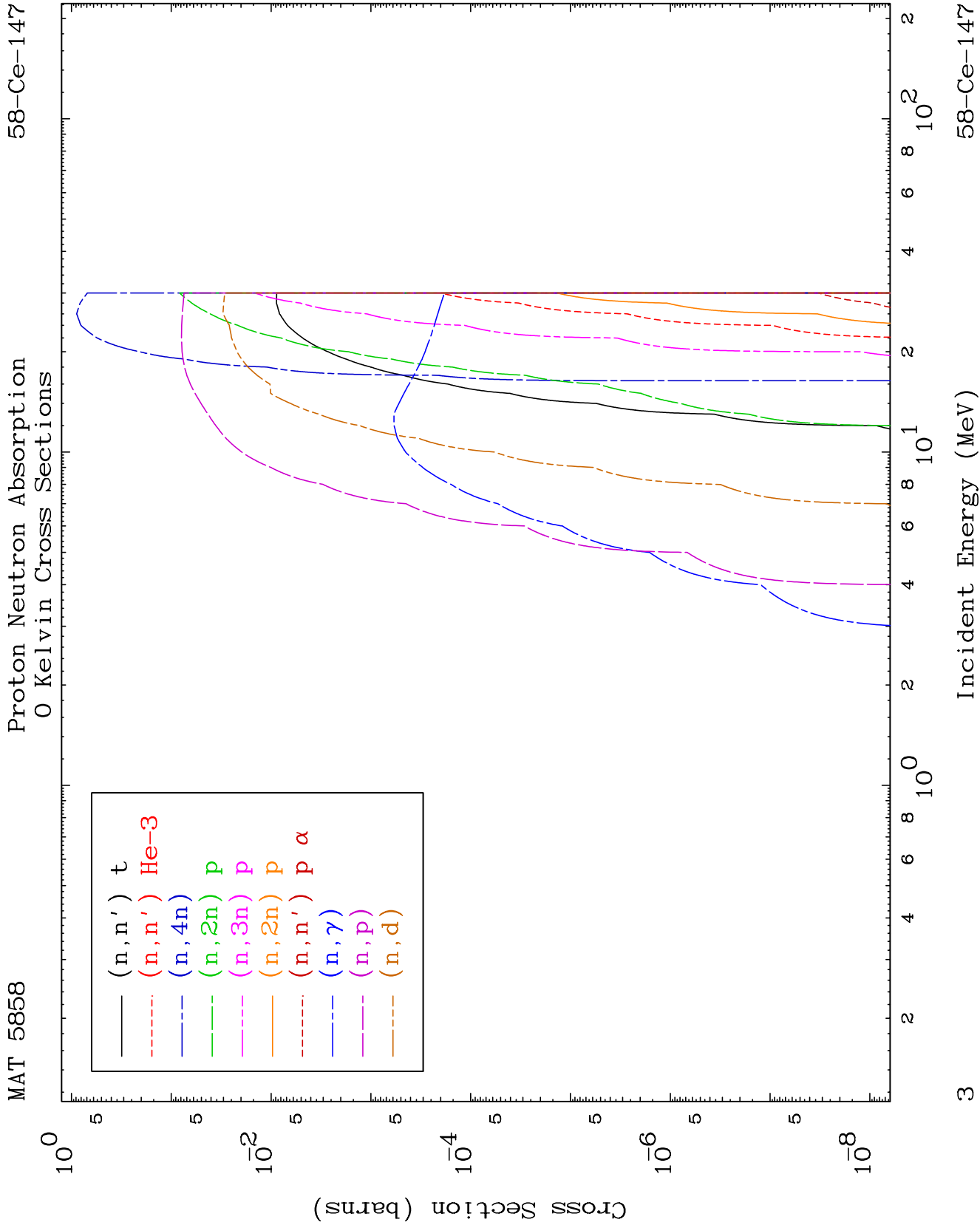


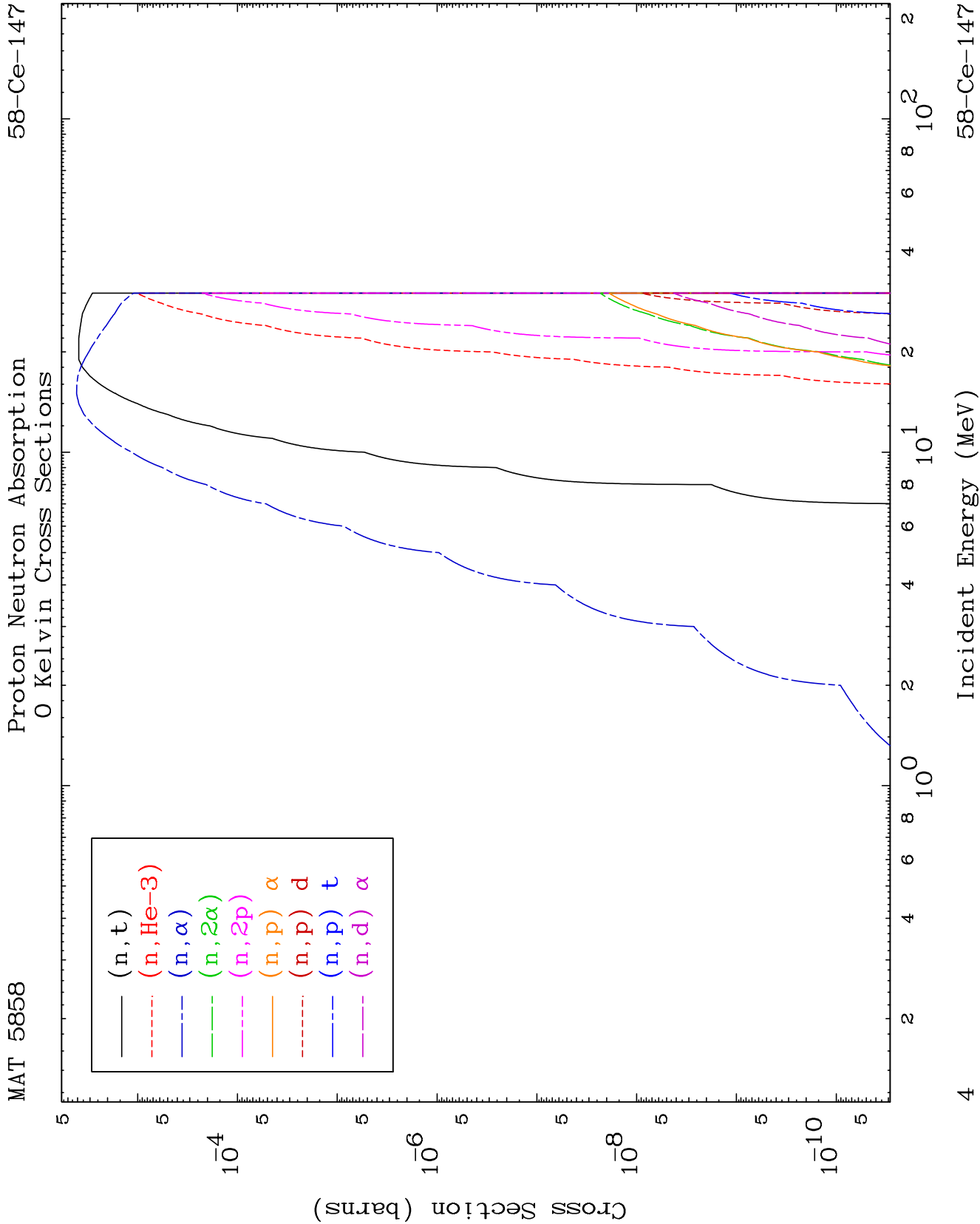
MAT 5858

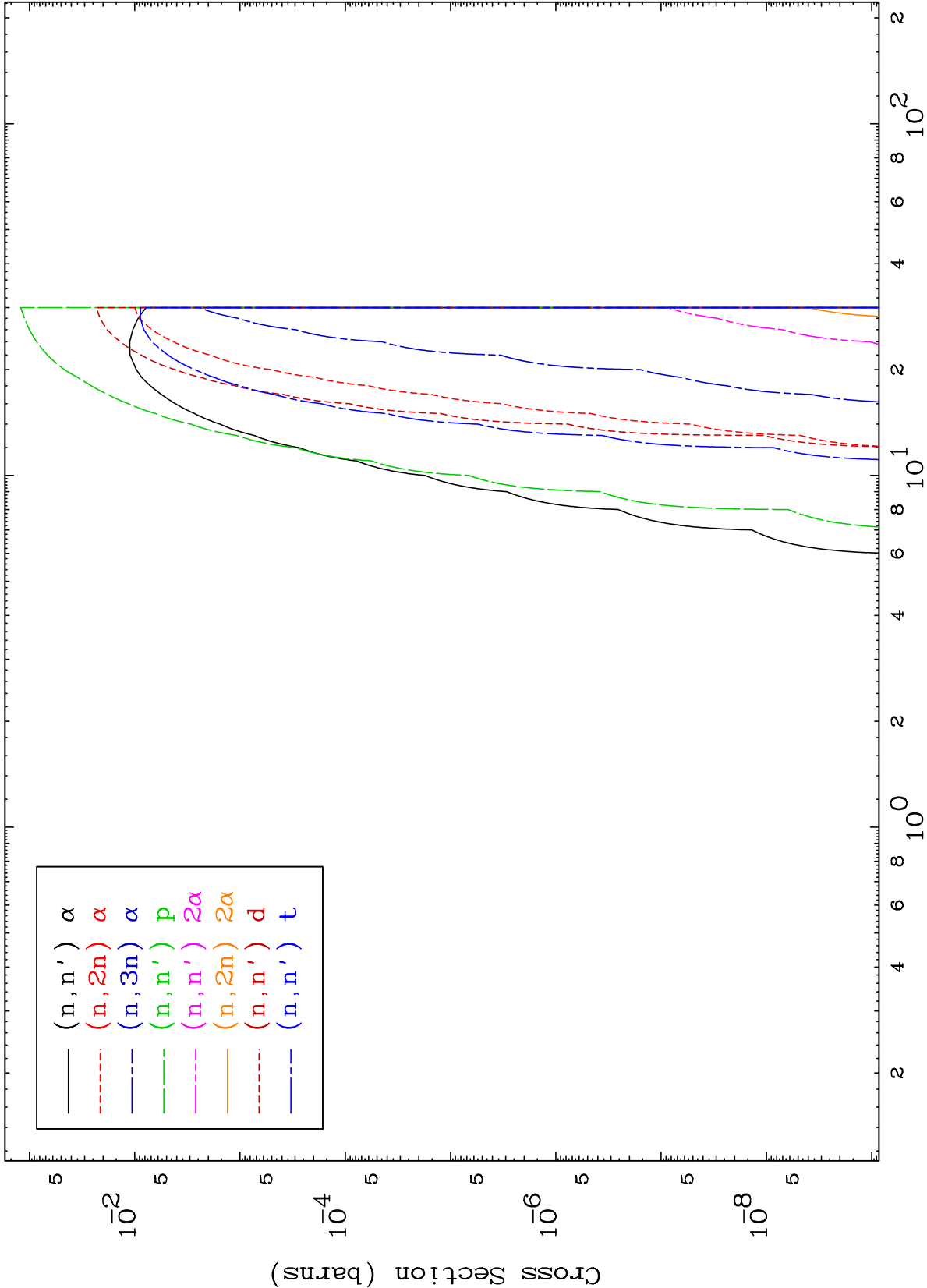
Proton Neutron Absorption
0 Kelvin Cross Sections

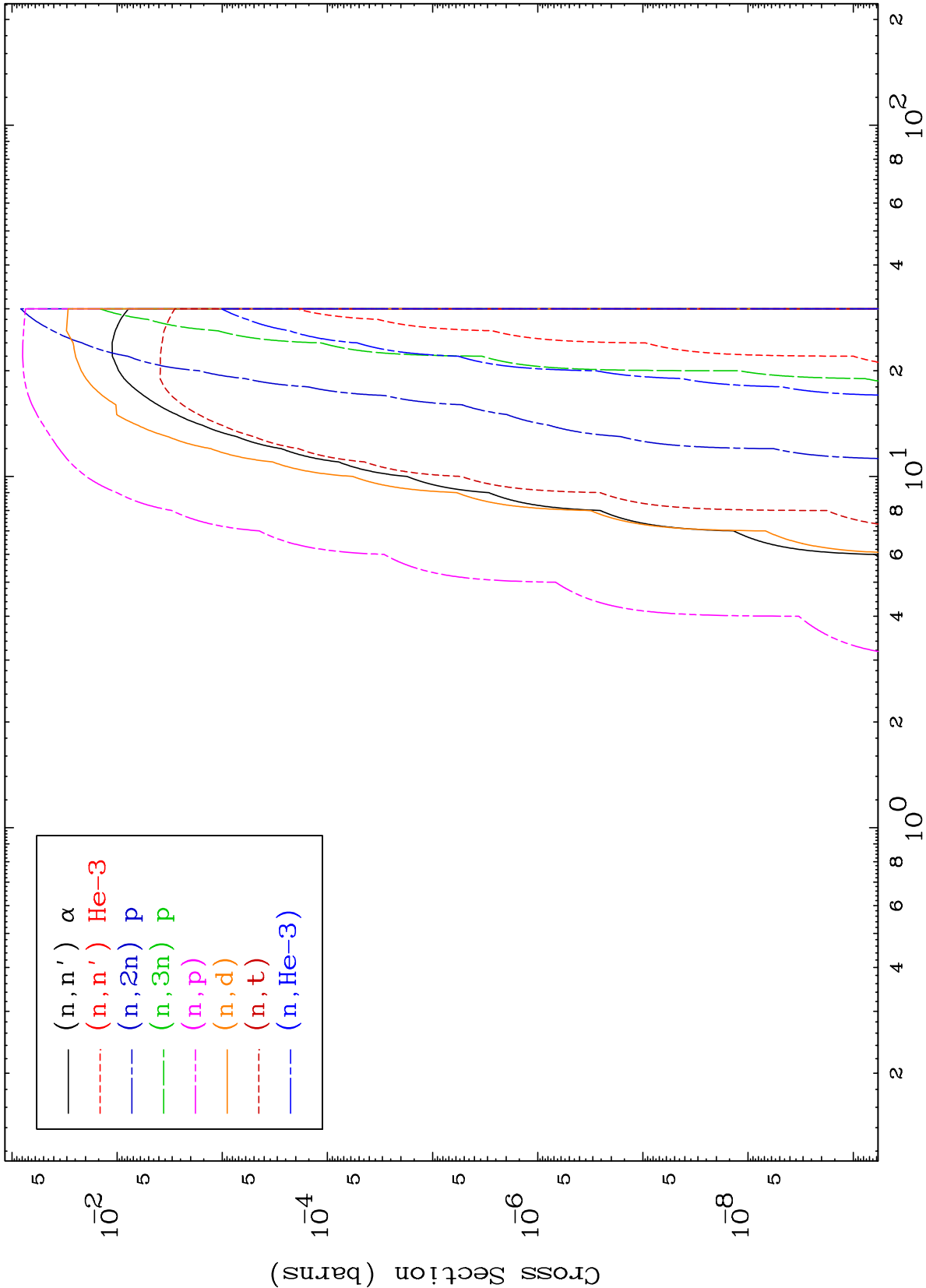
58-Ce-147

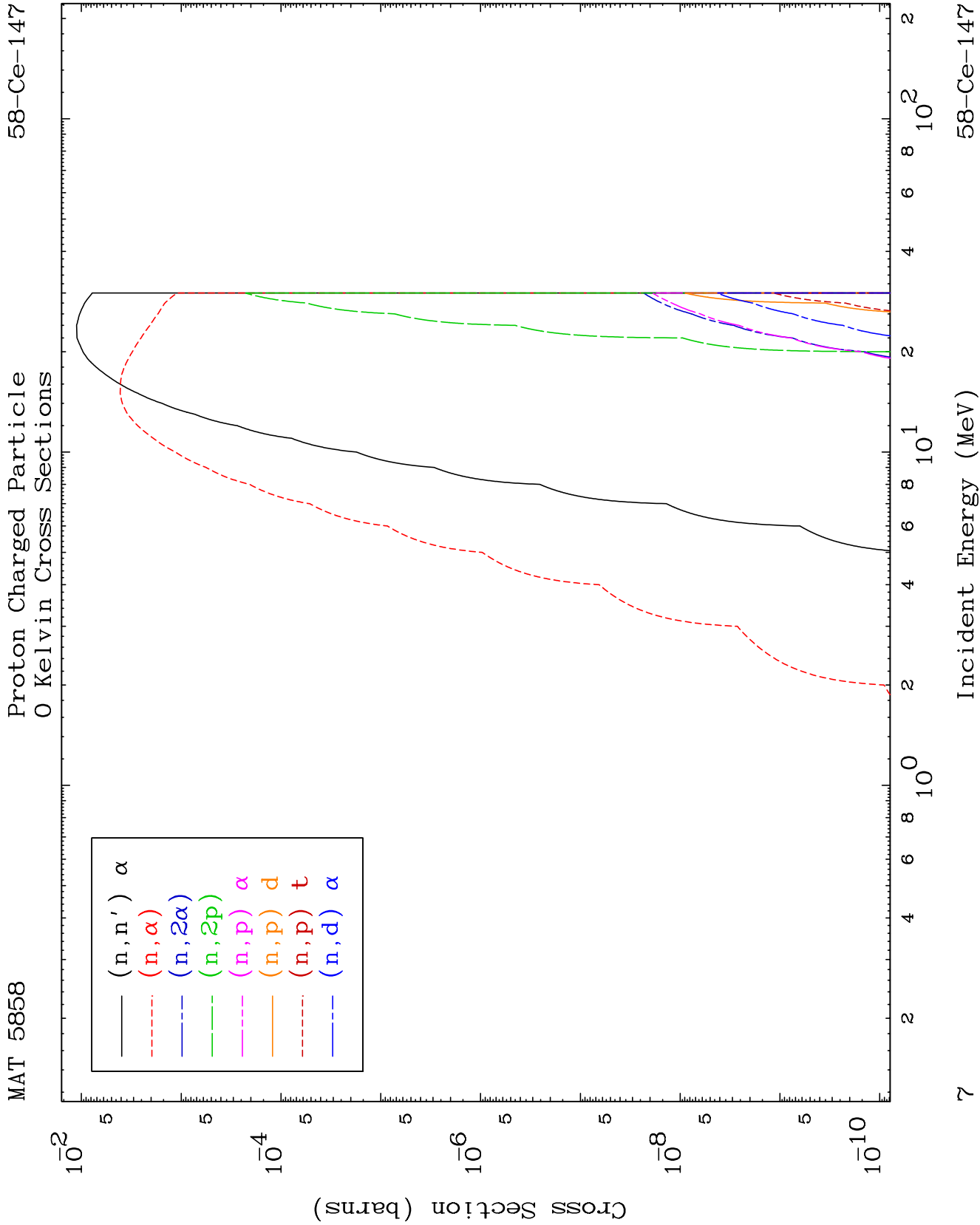








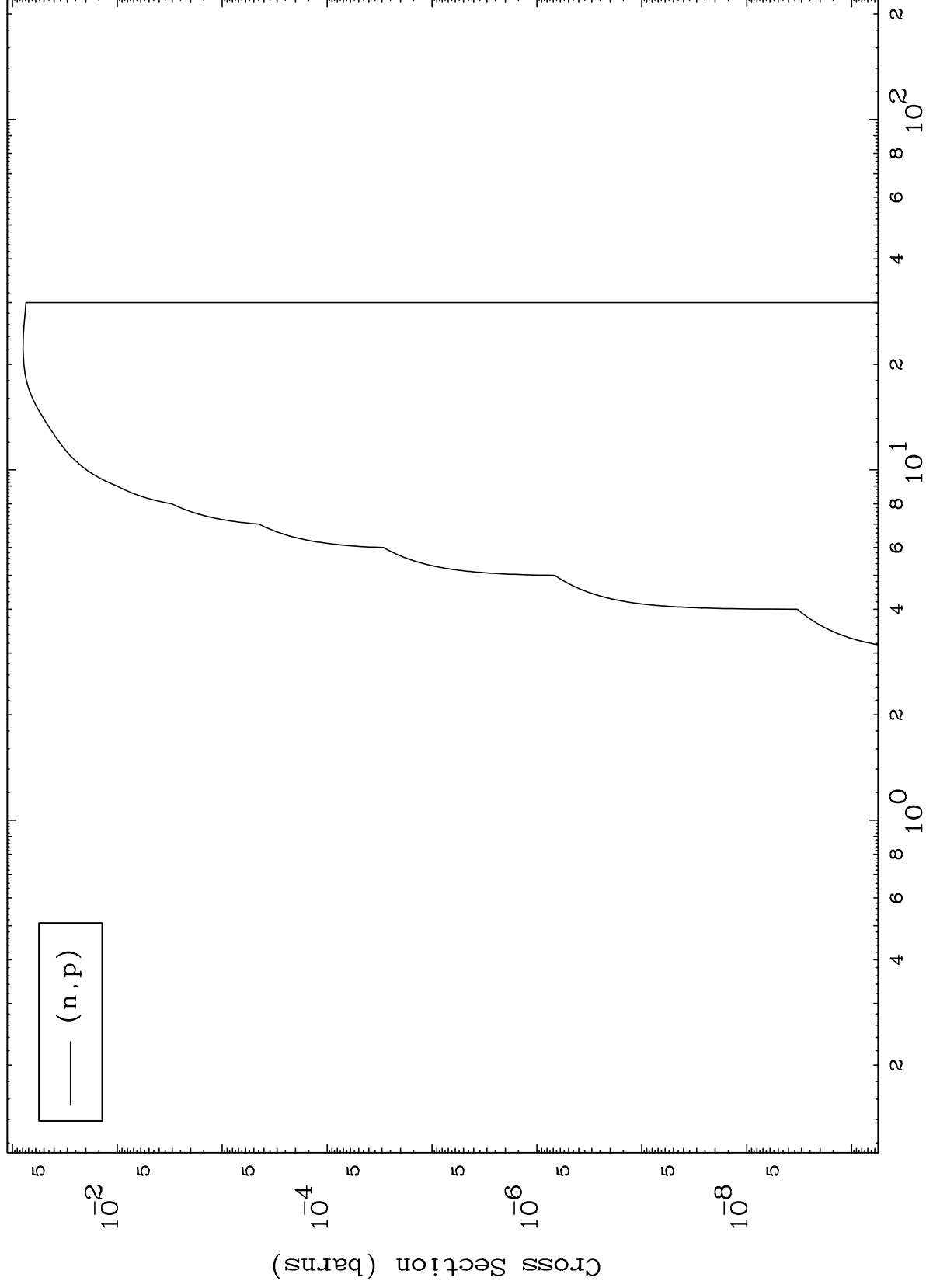




MAT 5858

58-Ce-147

(p,p) Levels
0 Kelvin Cross Sections



8

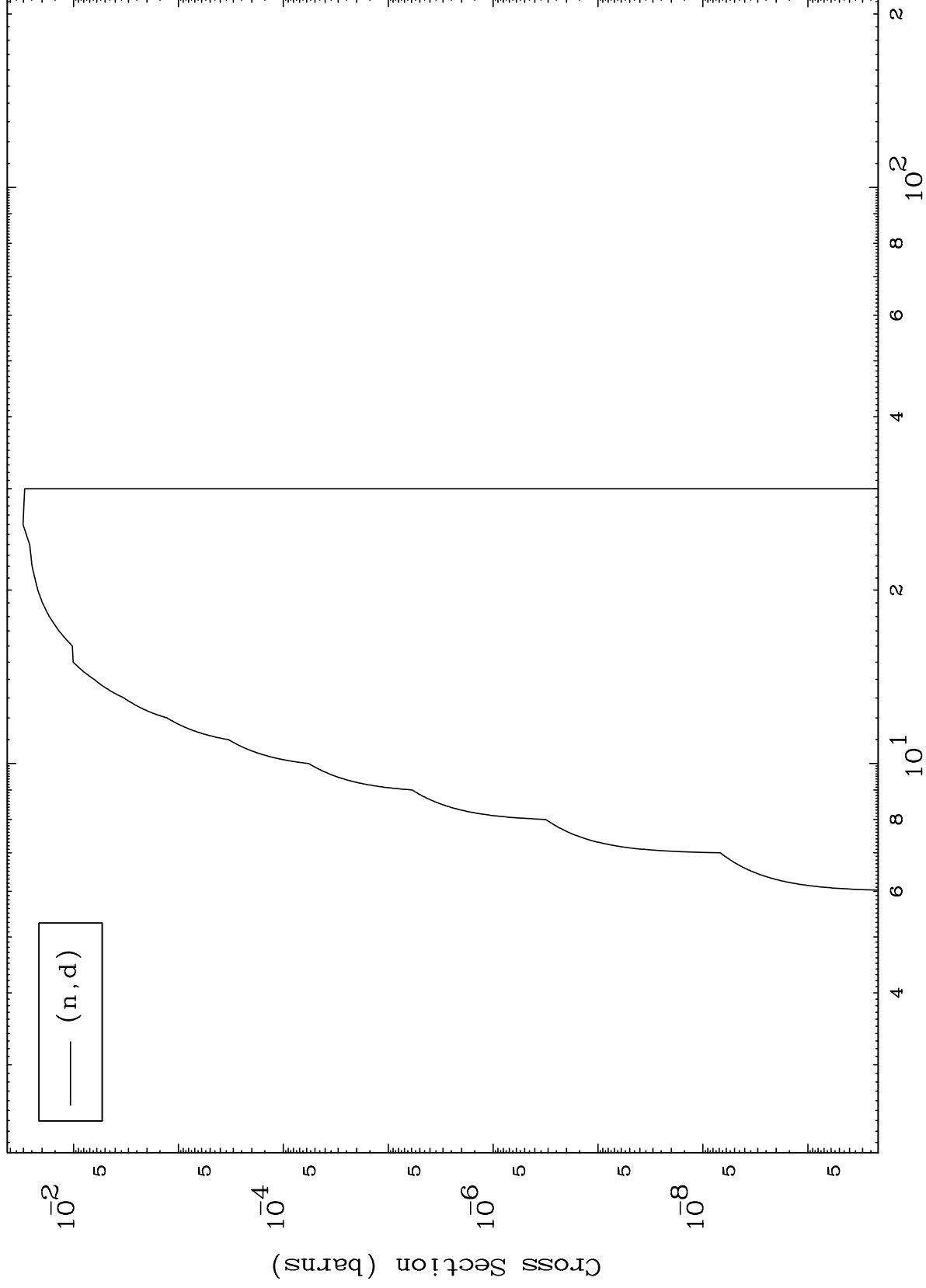
Incident Energy (MeV)

58-Ce-147

MAT 5858

58-Ce-147

(p,d) Levels
0 Kelvin Cross Sections



9

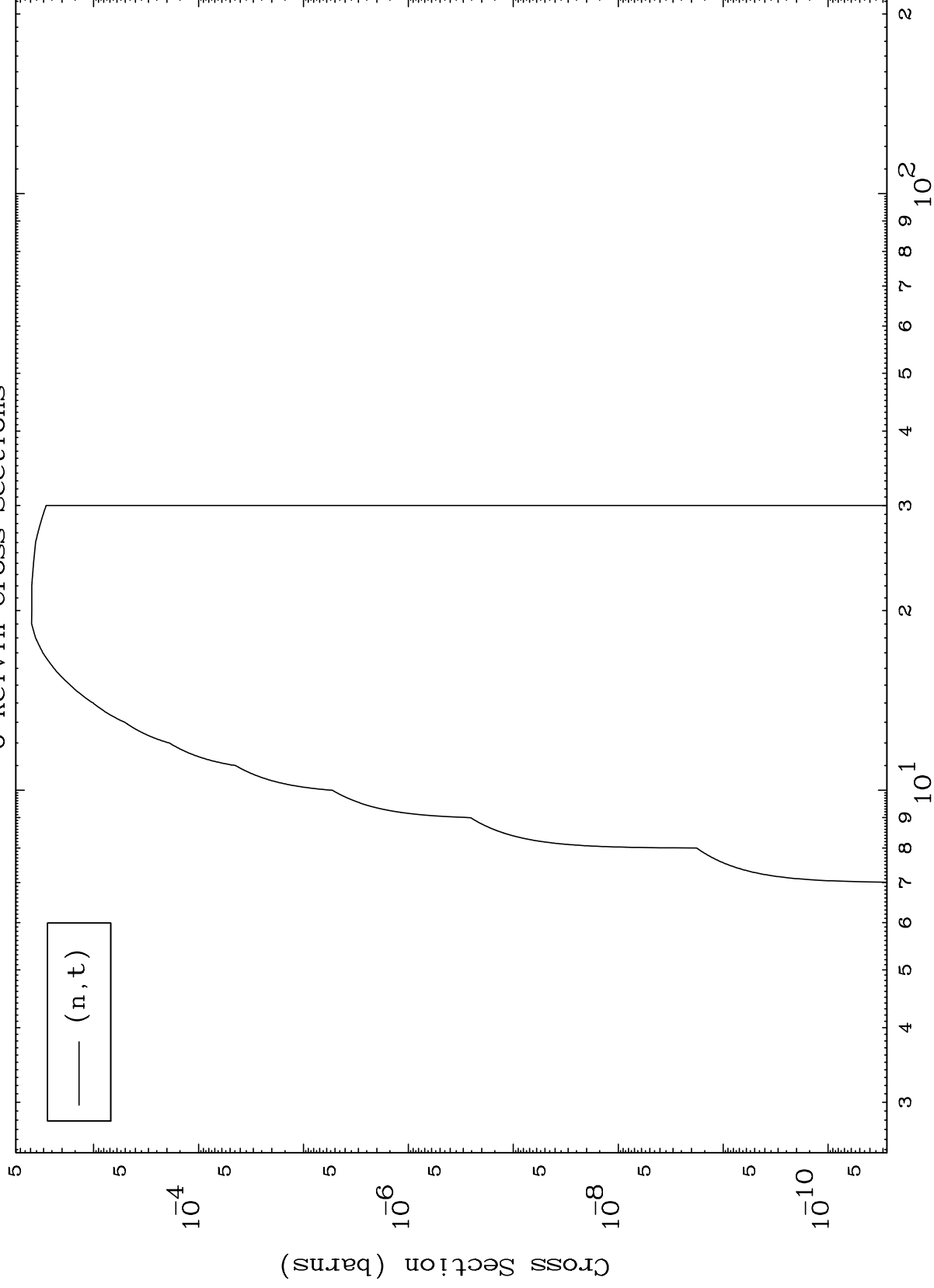
58-Ce-147

MAT 5858

(p,t) Levels

58-Ce-147

0 Kelvin Cross Sections



— (n,t)

10

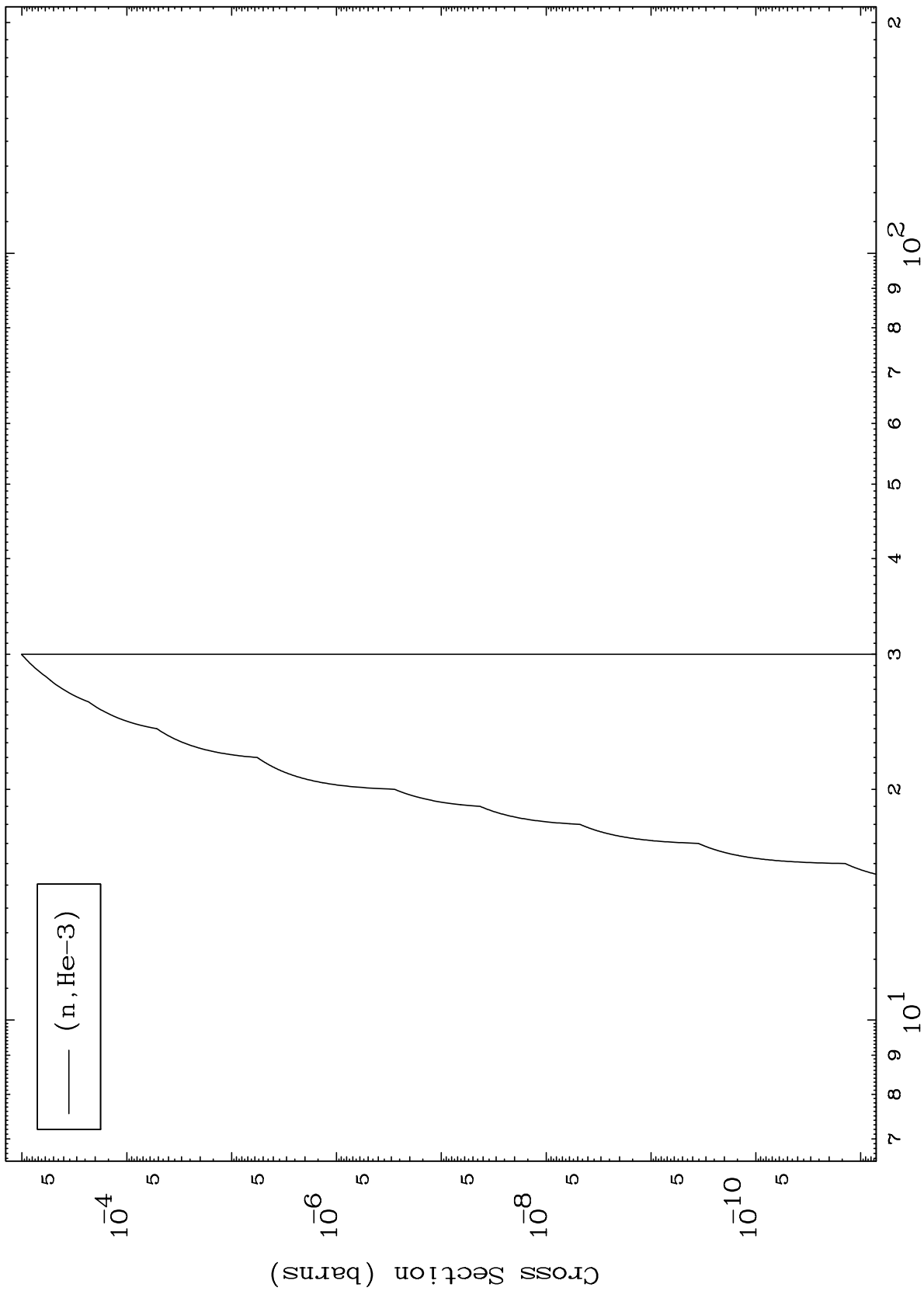
Incident Energy (MeV)

58-Ce-147

MAT 5858

58-Ce-147

(p,He3) Levels
0 Kelvin Cross Sections



11

Incident Energy (MeV)

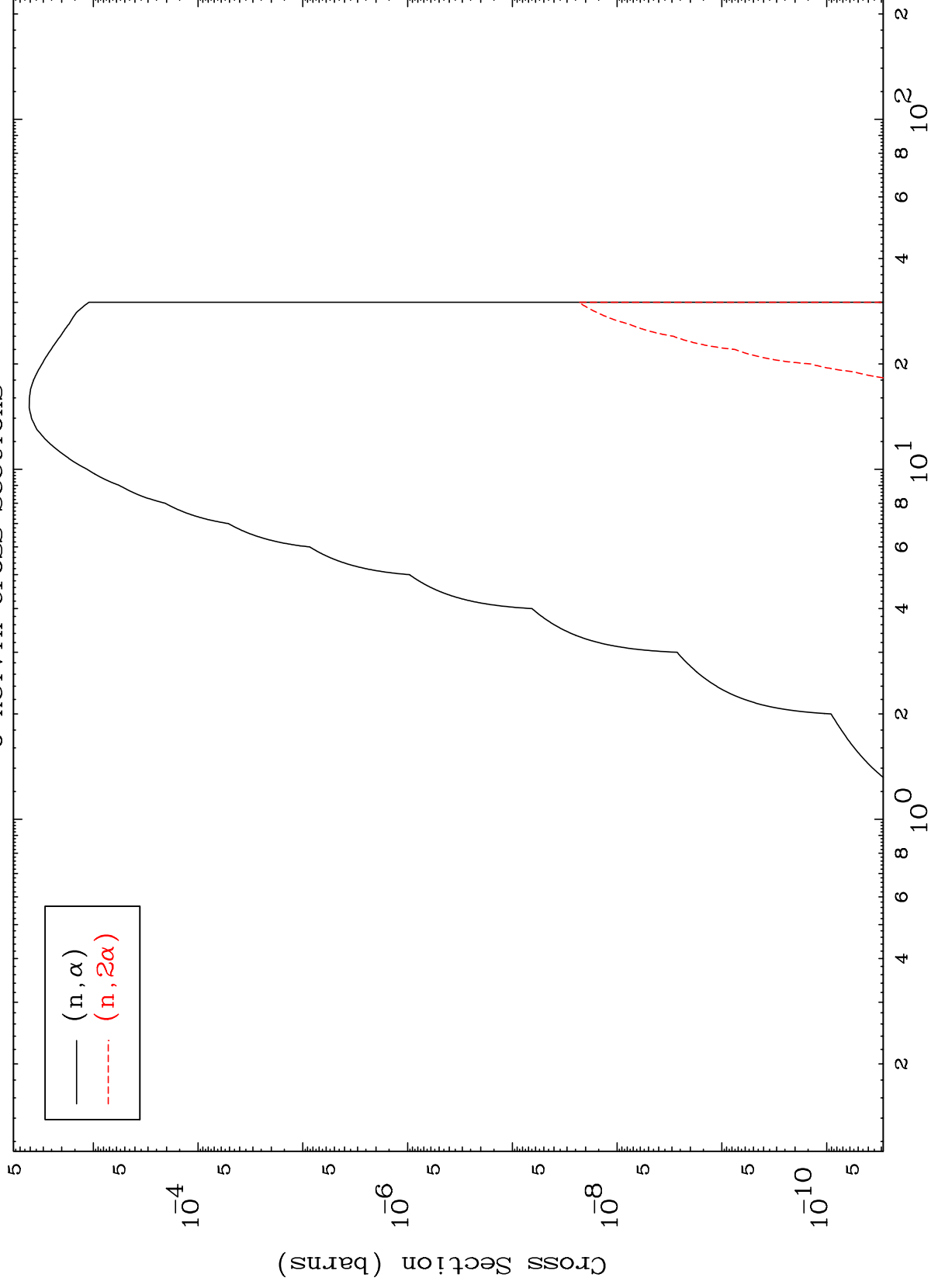
58-Ce-147

MAT 5858

(p, α) Levels

58-Ce-147

0 Kelvin Cross Sections



12

Incident Energy (MeV)

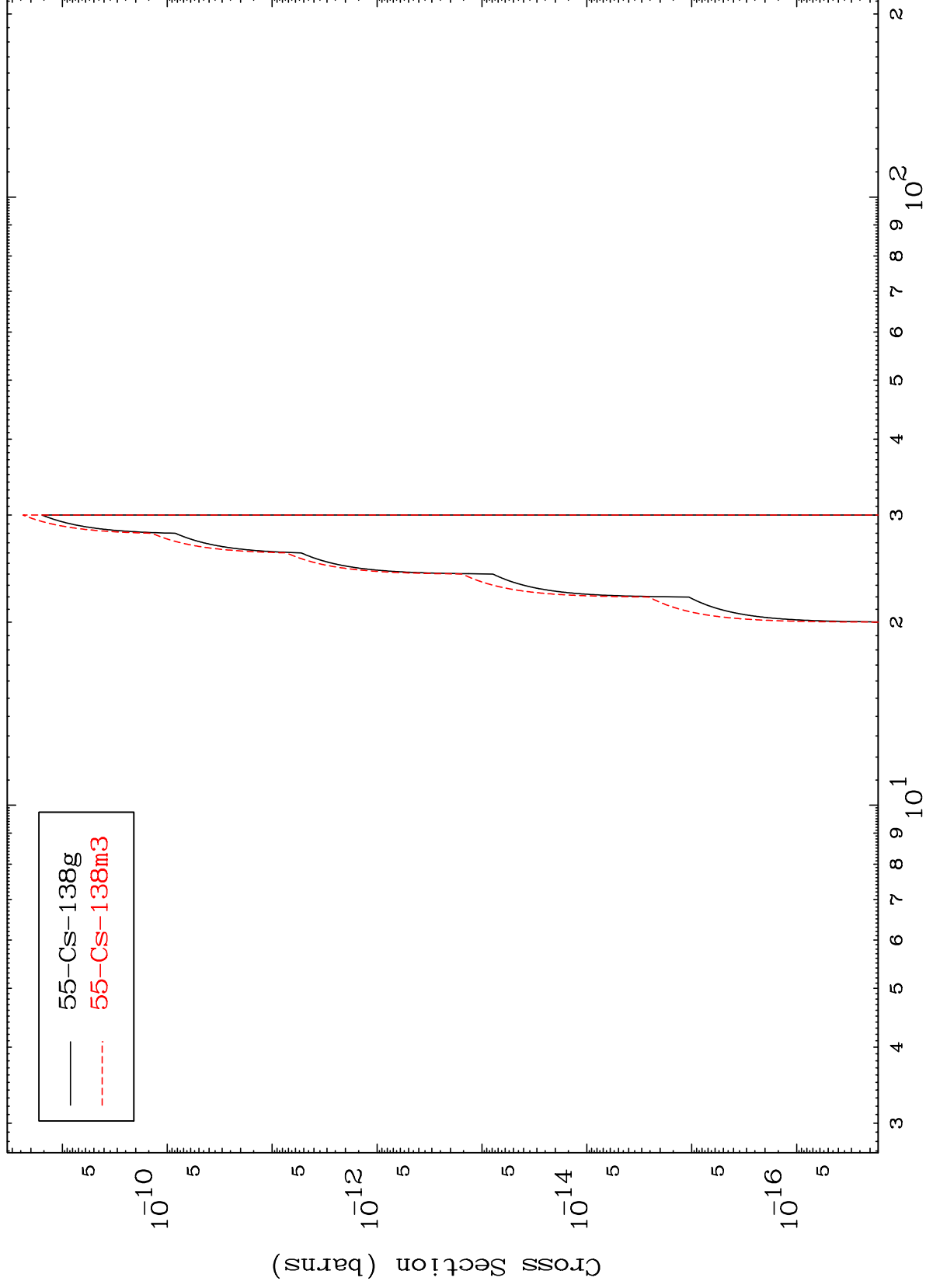
58-Ce-147

MAT 5858

(n,2n) 2α

58-Ce-147

Radionuclide Production Cross Section



13

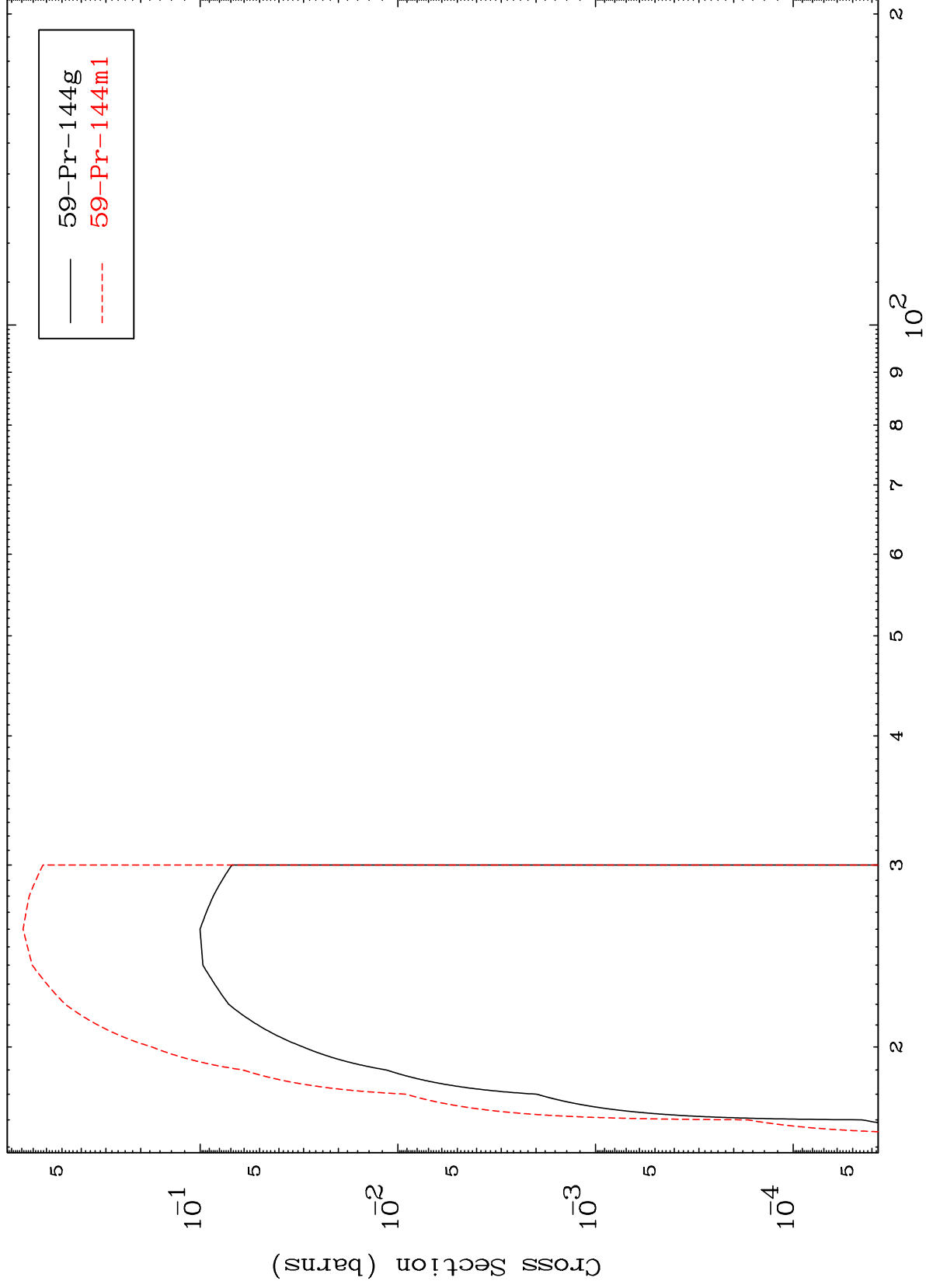
Incident Energy (MeV)

58-Ce-147

MAT 5858

58-Ce-147

$(n,4n)$
Radionuclide Production Cross Section



58-Ce-147

Incident Energy (MeV)

14

