

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

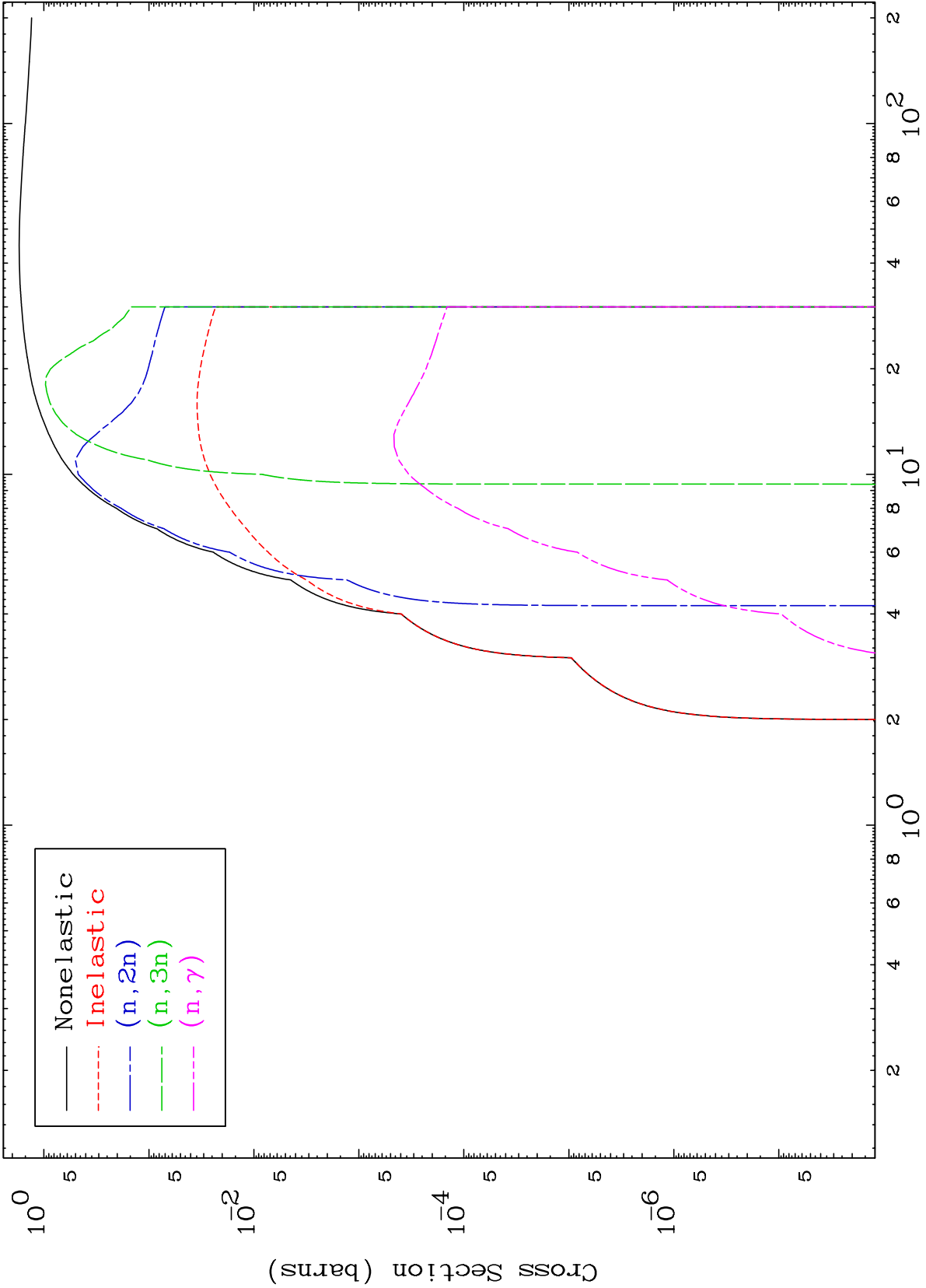
Press Mouse Button to Start

MAT 5858

Proton Major

58-Ce-147

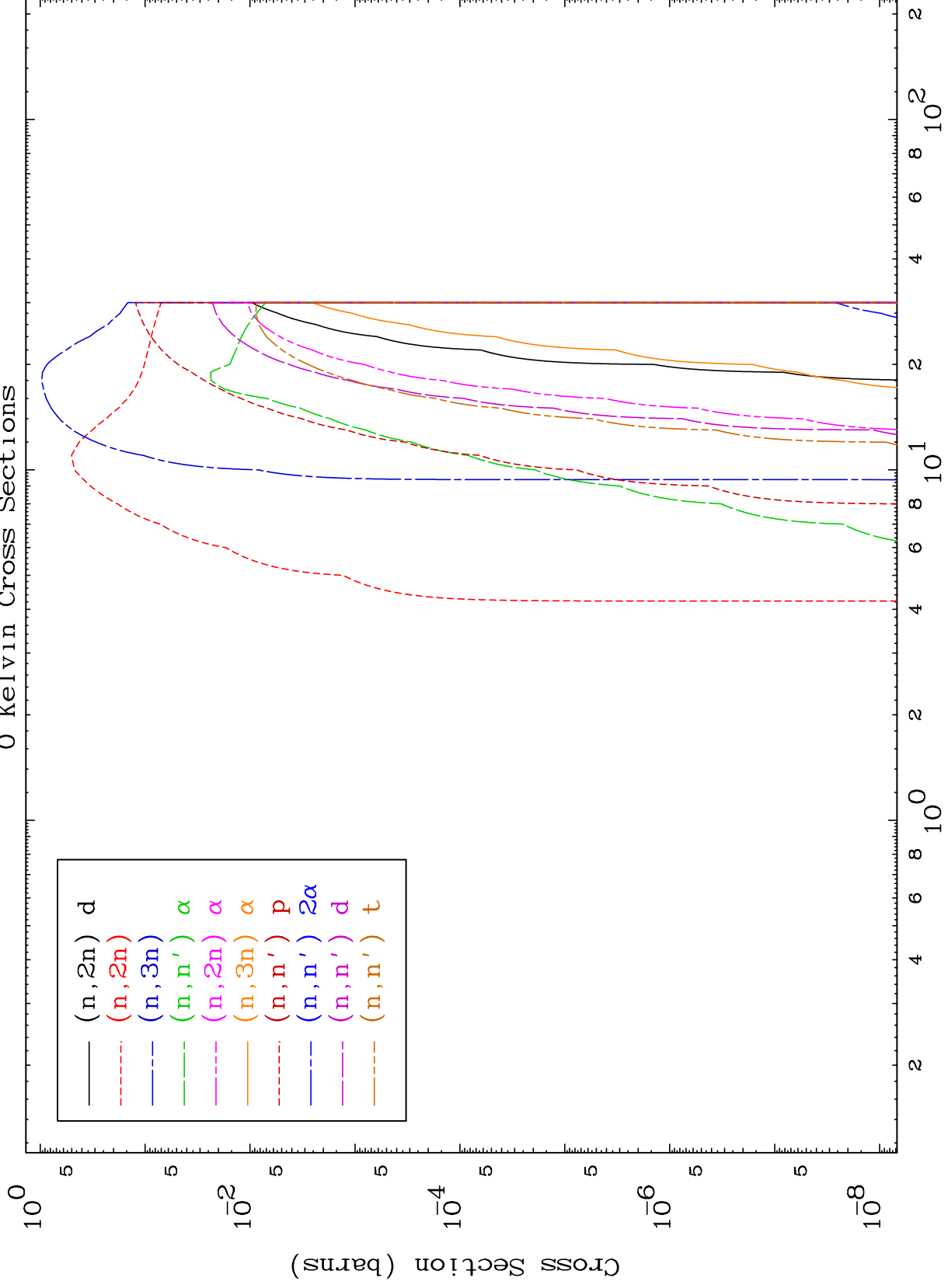
0 Kelvin Cross Sections



MAT 5858

Proton Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-147



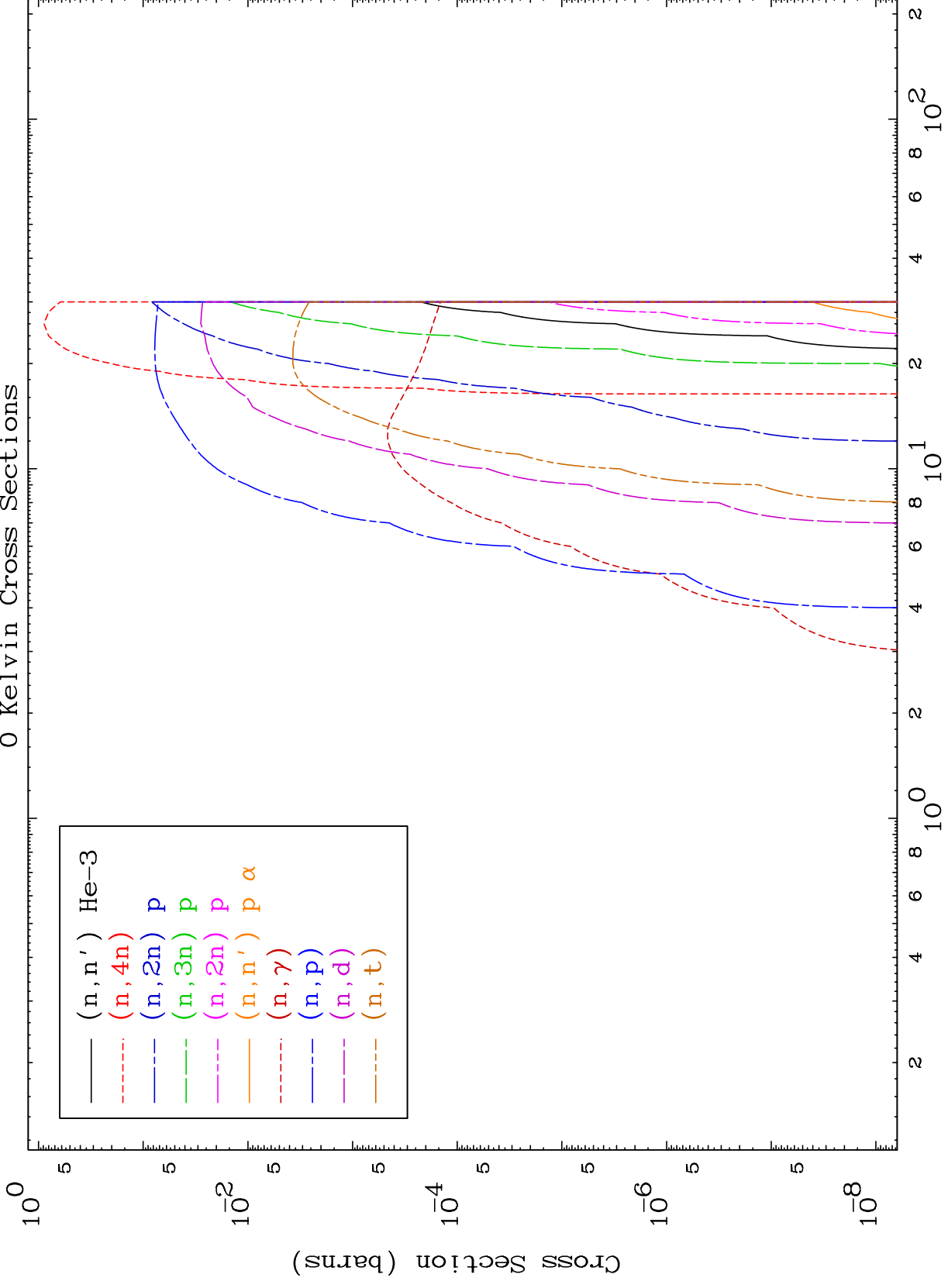
58-Ce-147

Incident Energy (MeV)

MAT 5858

Proton Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-147



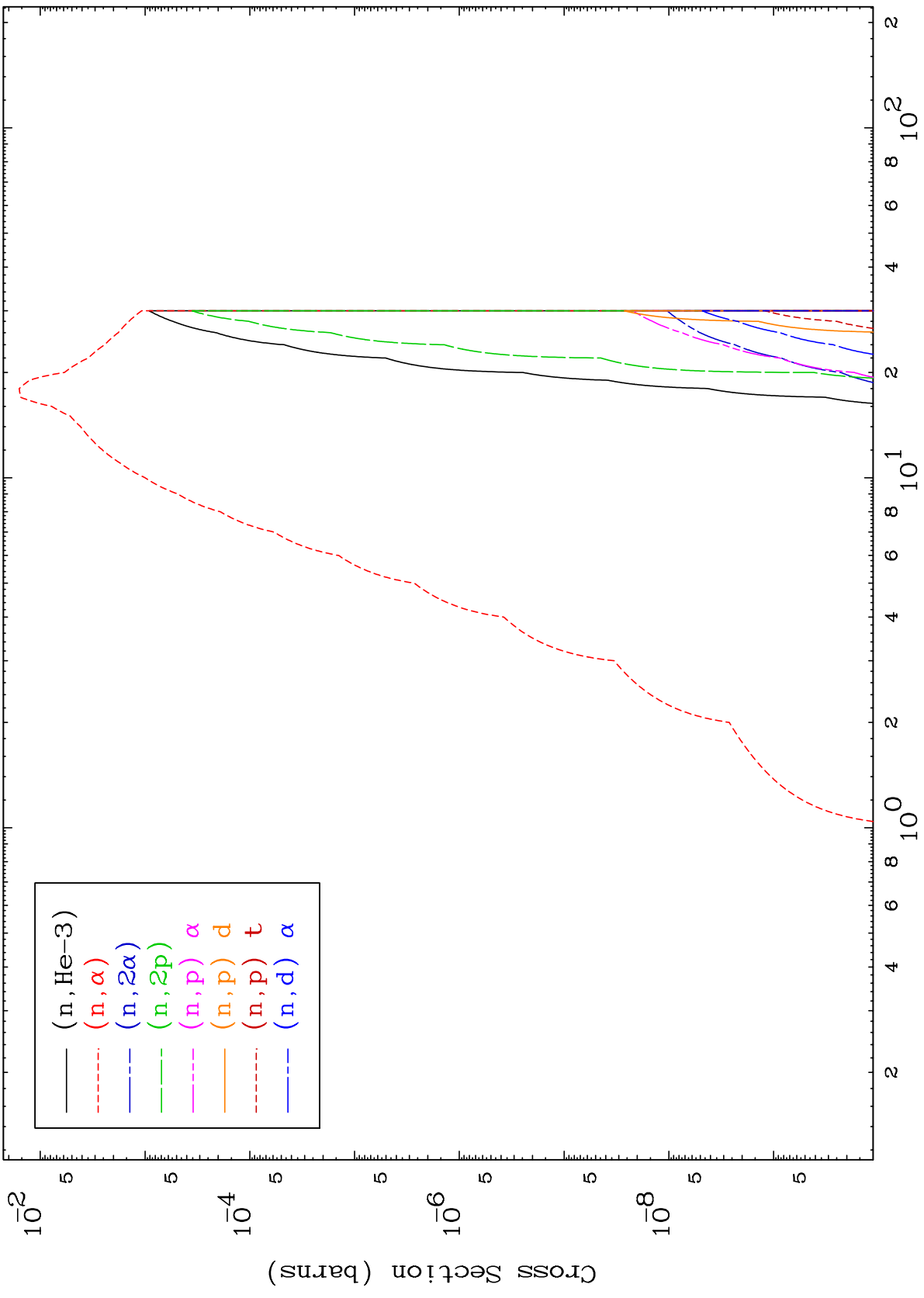
58-Ce-147

Incident Energy (MeV)

MAT 5858

Proton Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-147



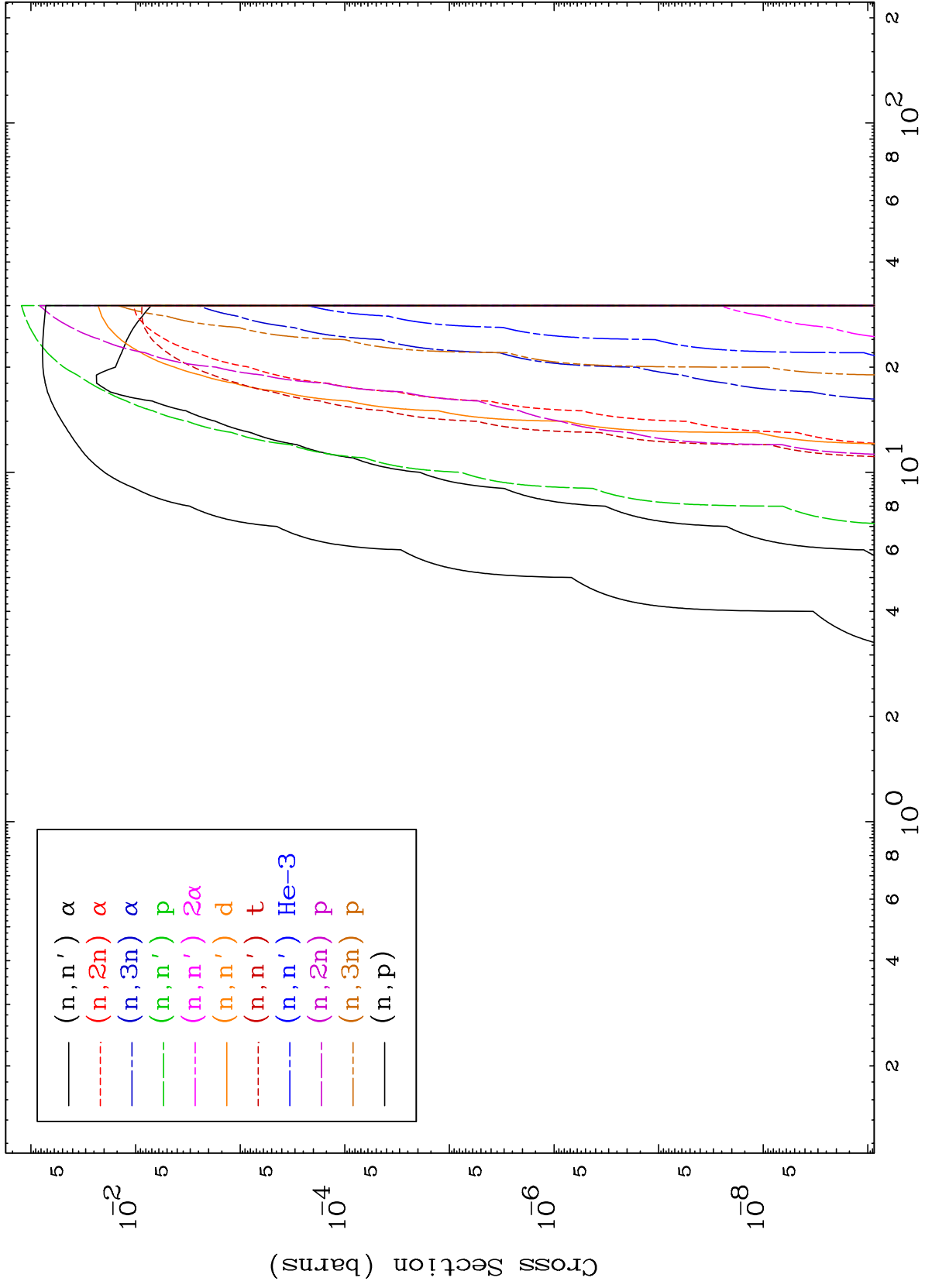
58-Ce-147

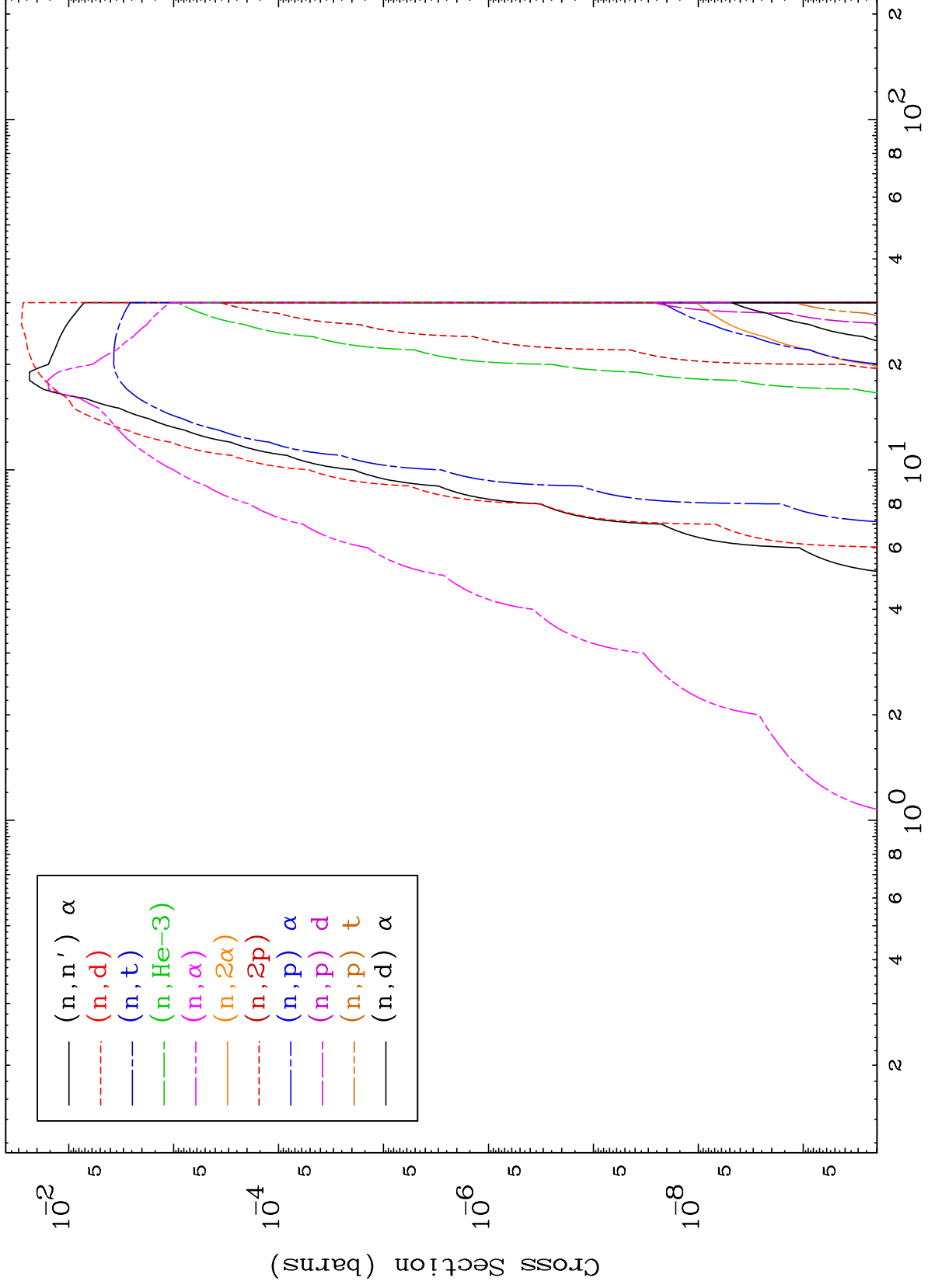
Incident Energy (MeV)

MAT 5858

Proton Charged Particle  
0 Kelvin Cross Sections

58-Ce-147

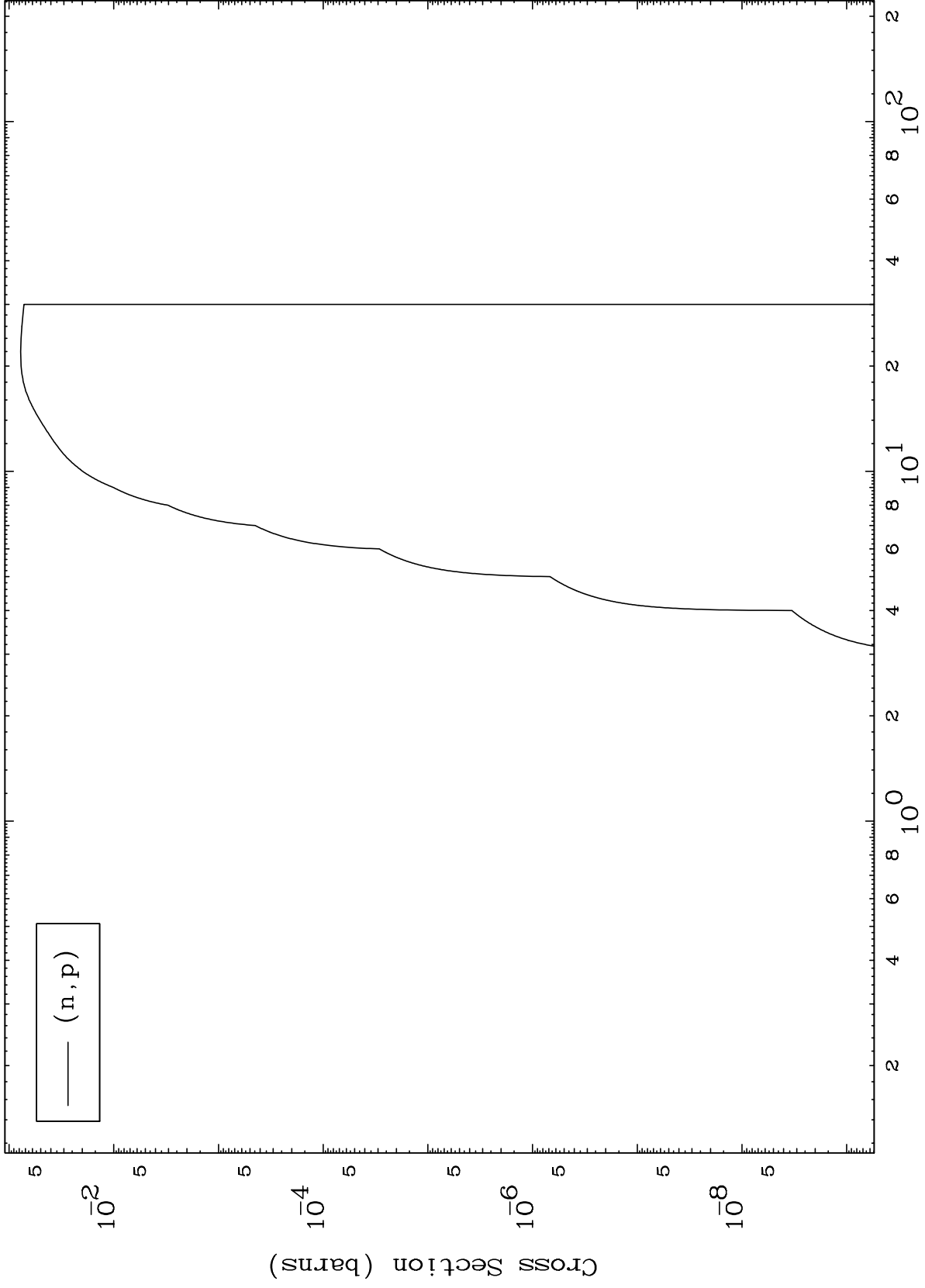




MAT 5858

(p,p) Levels  
0 Kelvin Cross Sections

58-Ce-147



7

Incident Energy (MeV)

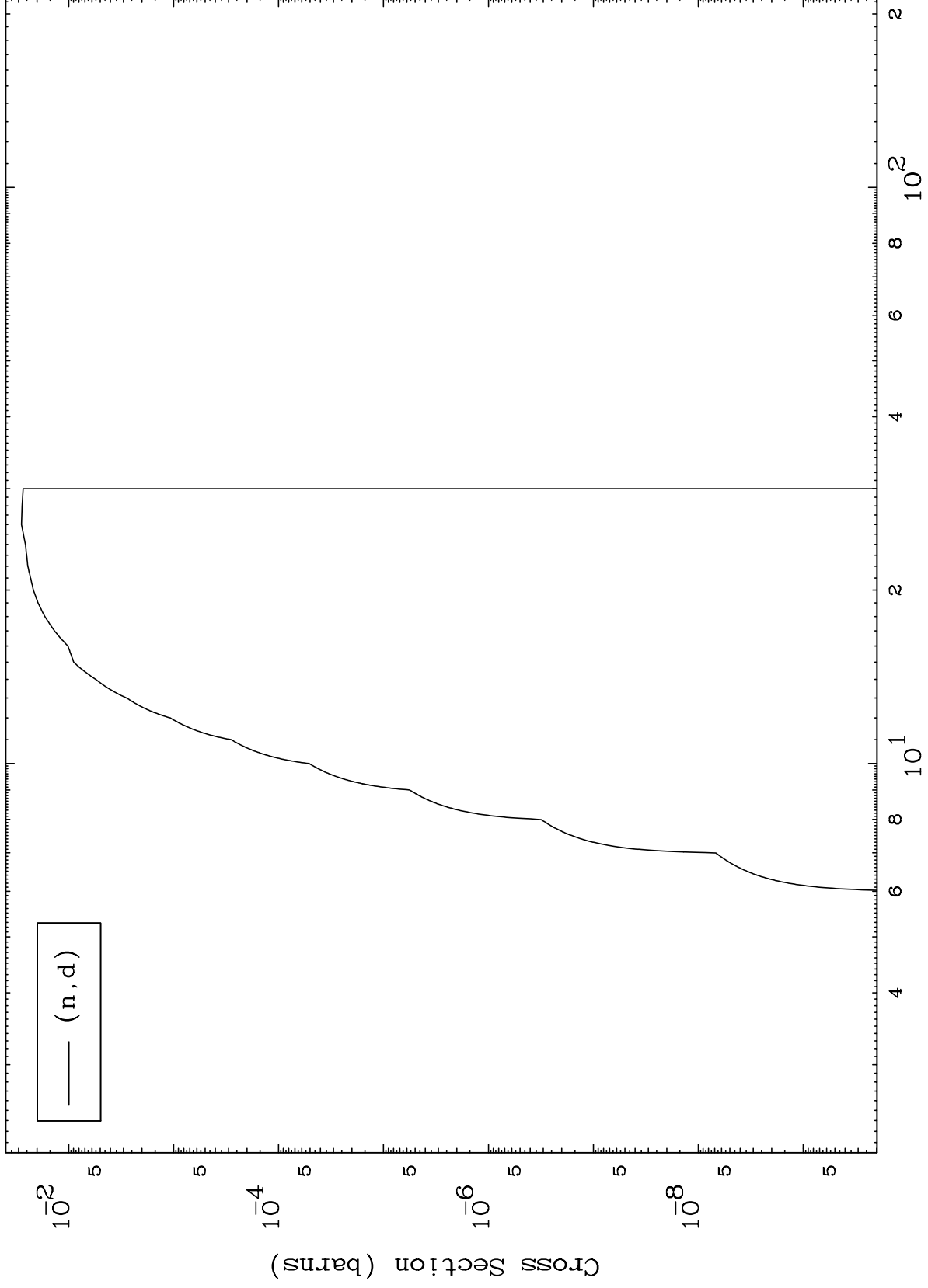
58-Ce-147



MAT 5858

(p,d) Levels  
0 Kelvin Cross Sections

58-Ce-147



8

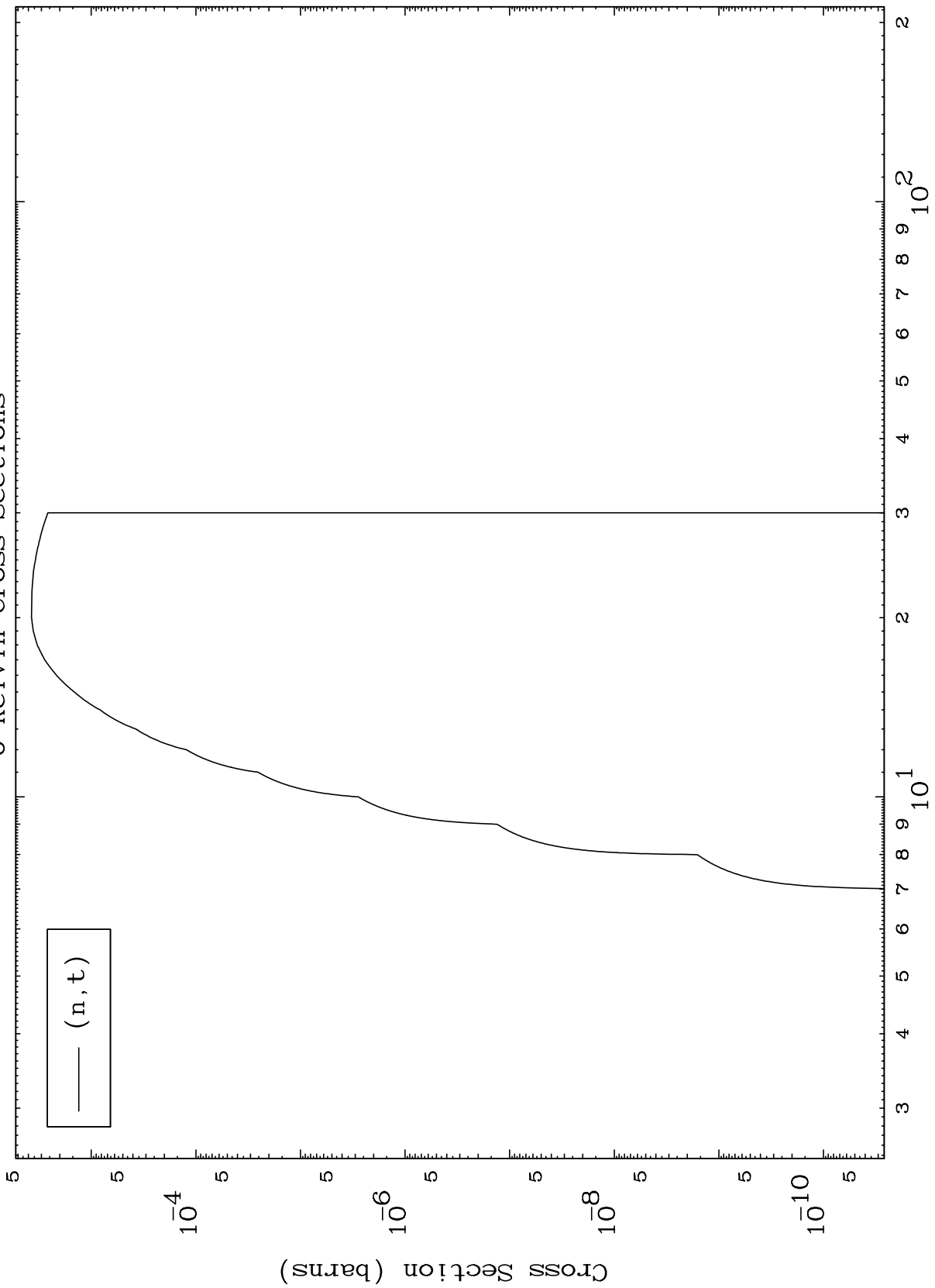
Incident Energy (MeV)

58-Ce-147

MAT 5858

58-Ce-147

(p,t) Levels  
0 Kelvin Cross Sections



9

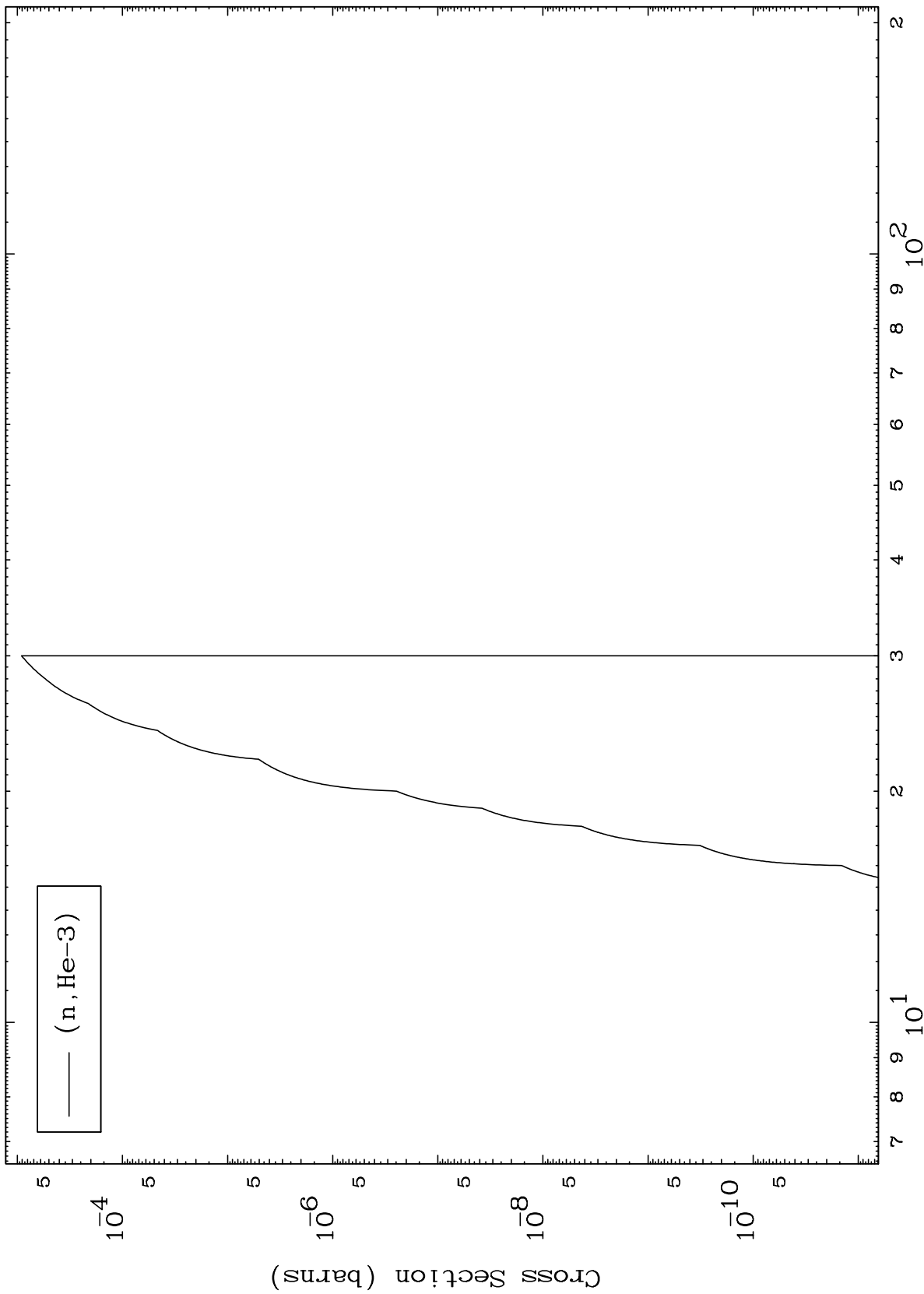
Incident Energy (MeV)

58-Ce-147

MAT 5858

58-Ce-147

(p,He3) Levels  
0 Kelvin Cross Sections



58-Ce-147

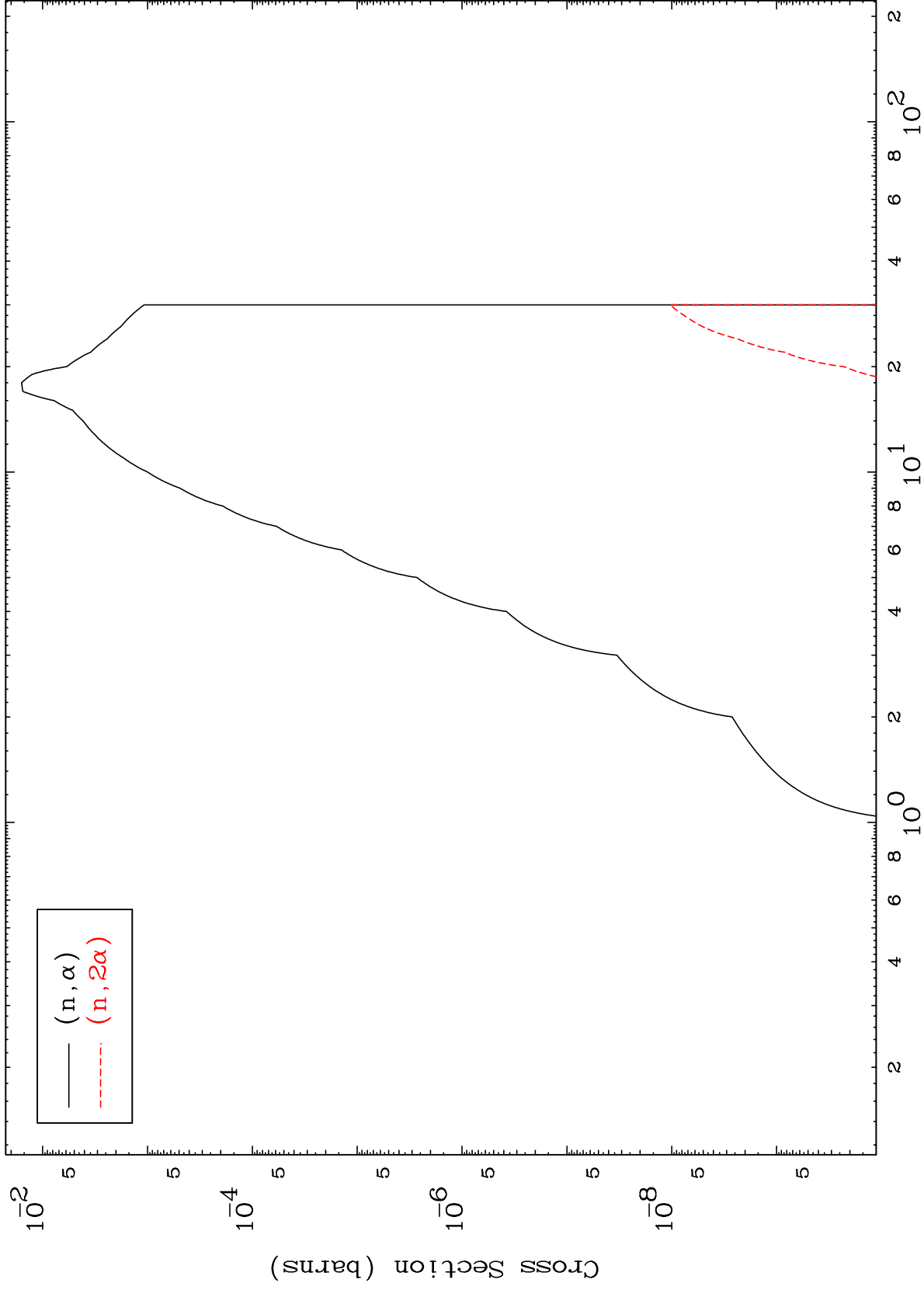
Incident Energy (MeV)

10

MAT 5858

(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

58-Ce-147



11

Incident Energy (MeV)

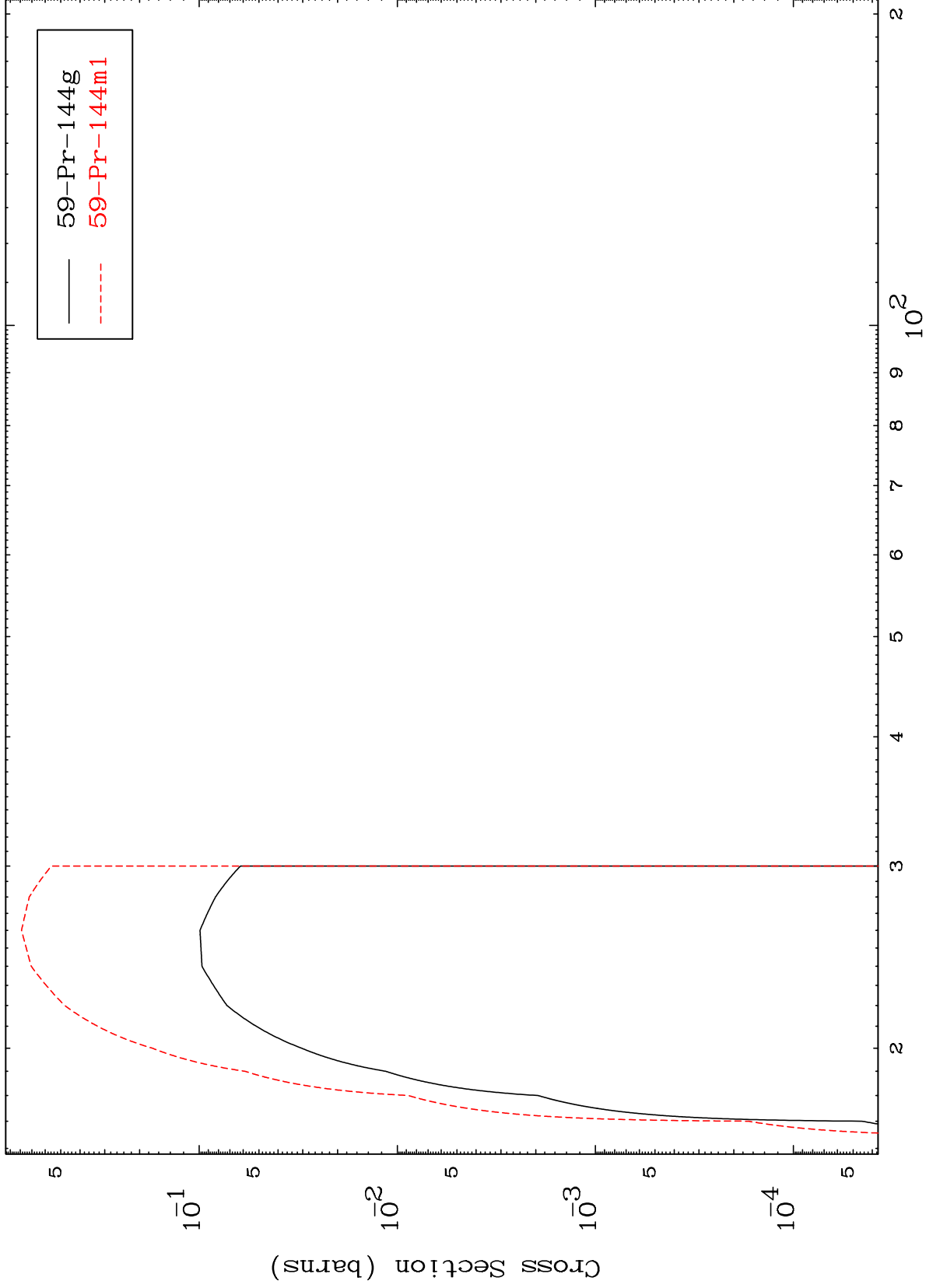
58-Ce-147

MAT 5858

(n,4n)

58-Ce-147

Radionuclide Production Cross Section



12

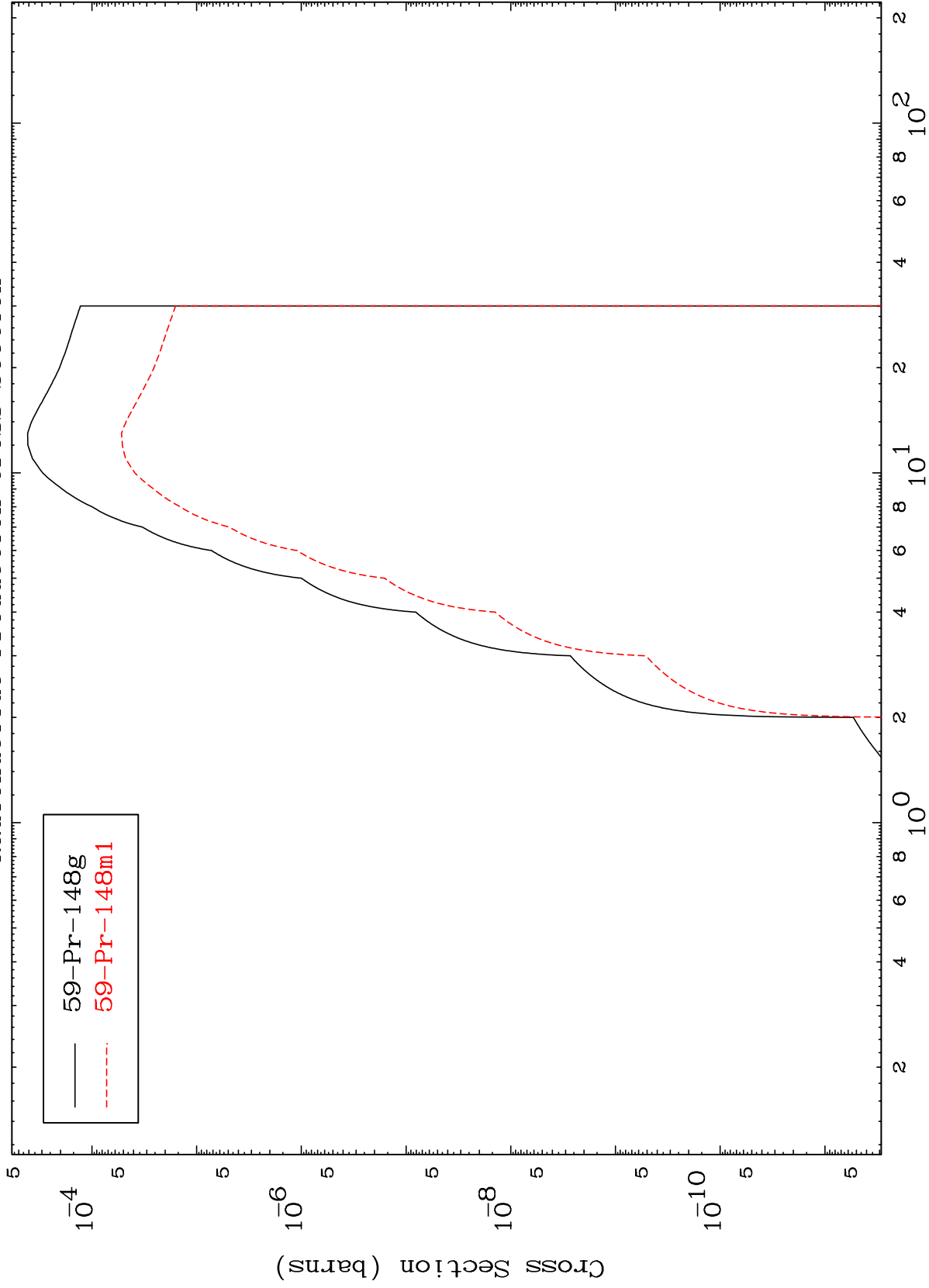
Incident Energy (MeV)

58-Ce-147

MAT 5858

58-Ce-147

(n,  $\gamma$ )  
Radionuclide Production Cross Section



13

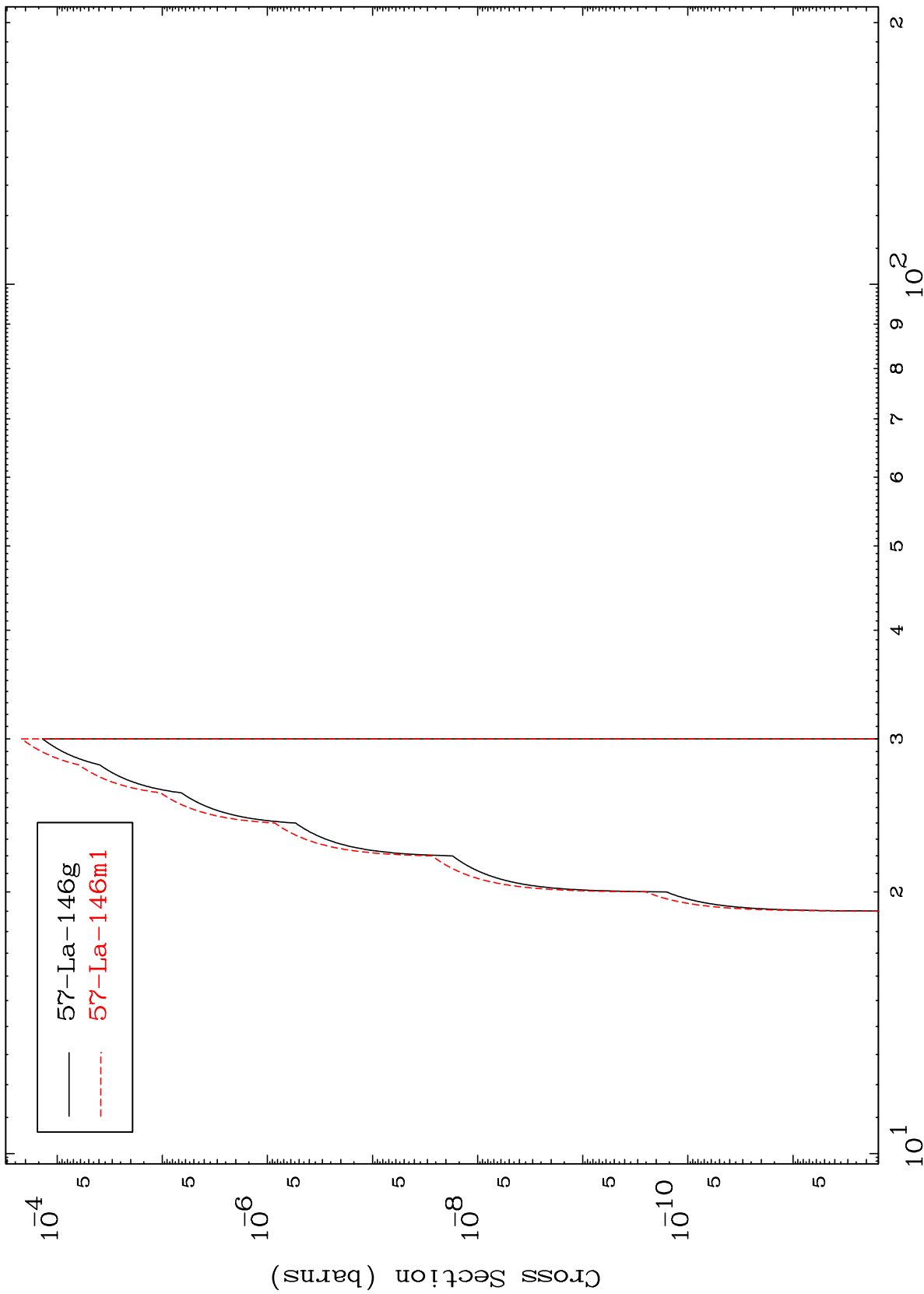
58-Ce-147

Incident Energy (MeV)

MAT 5858

58-Ce-147

(n,2p)  
Radionuclide Production Cross Section



58-Ce-147

Incident Energy (MeV)

14