

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)

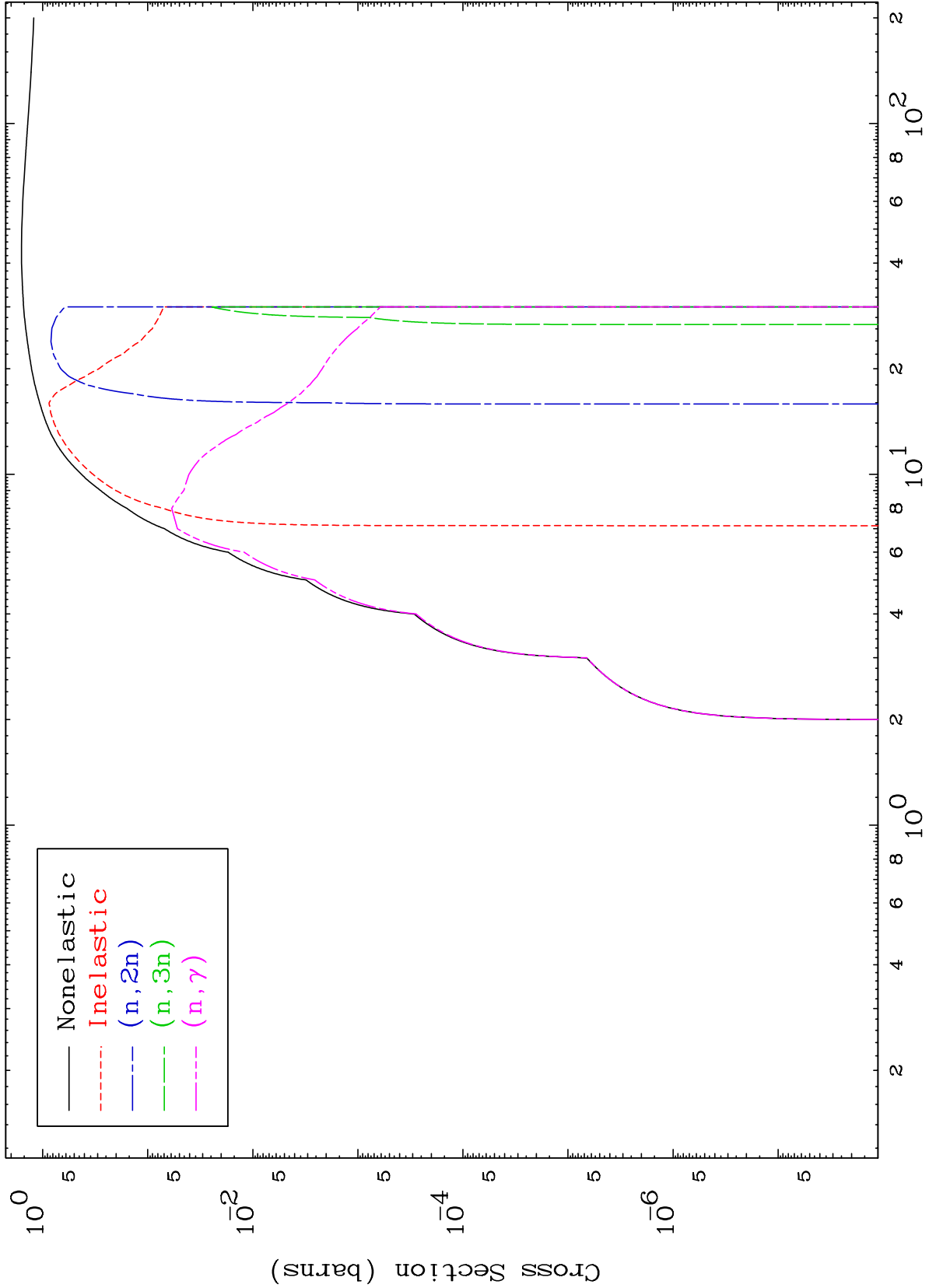
Press Mouse Button to Start

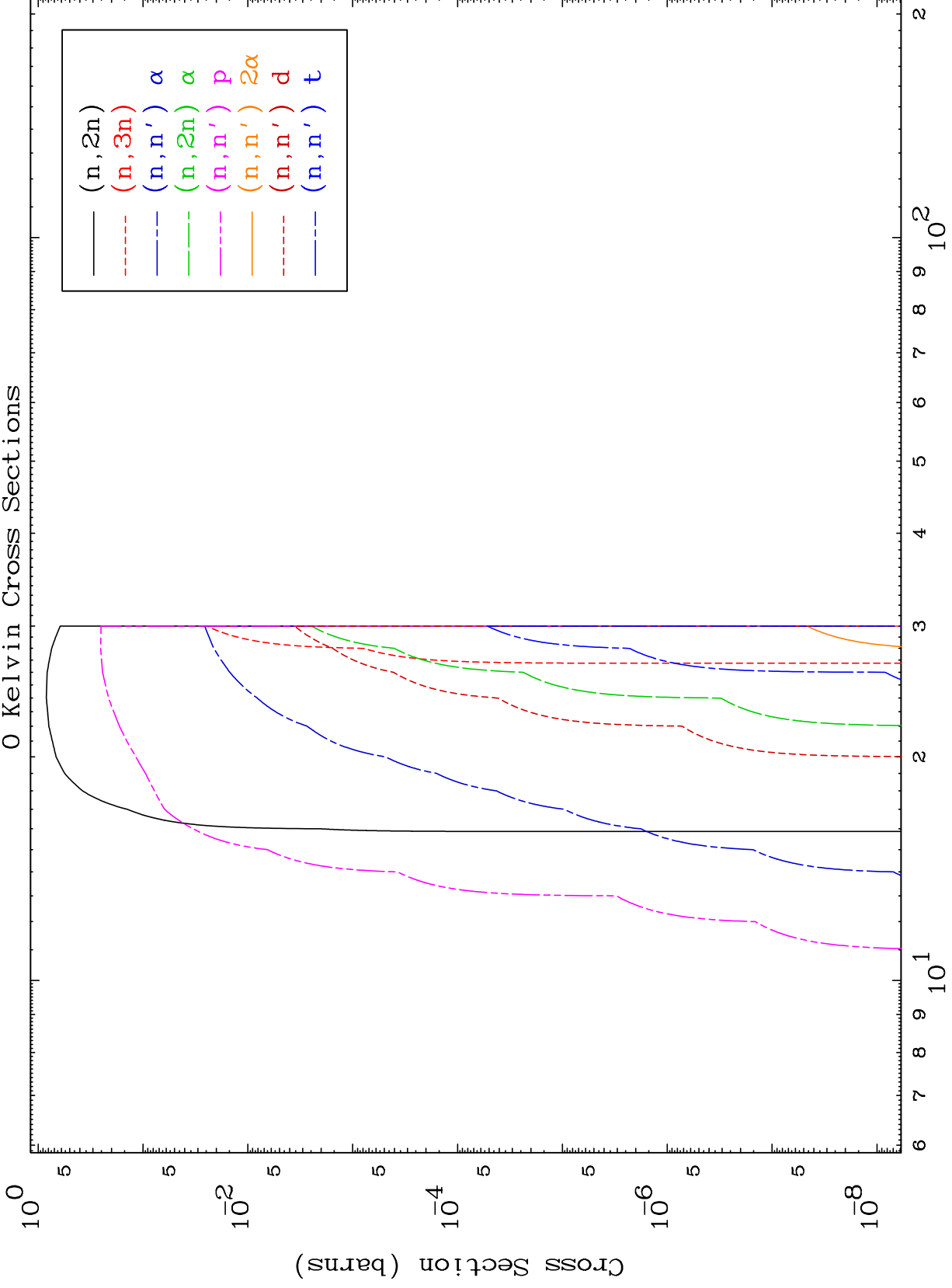
MAT 5819

Proton Major

58-Ce-134

0 Kelvin Cross Sections

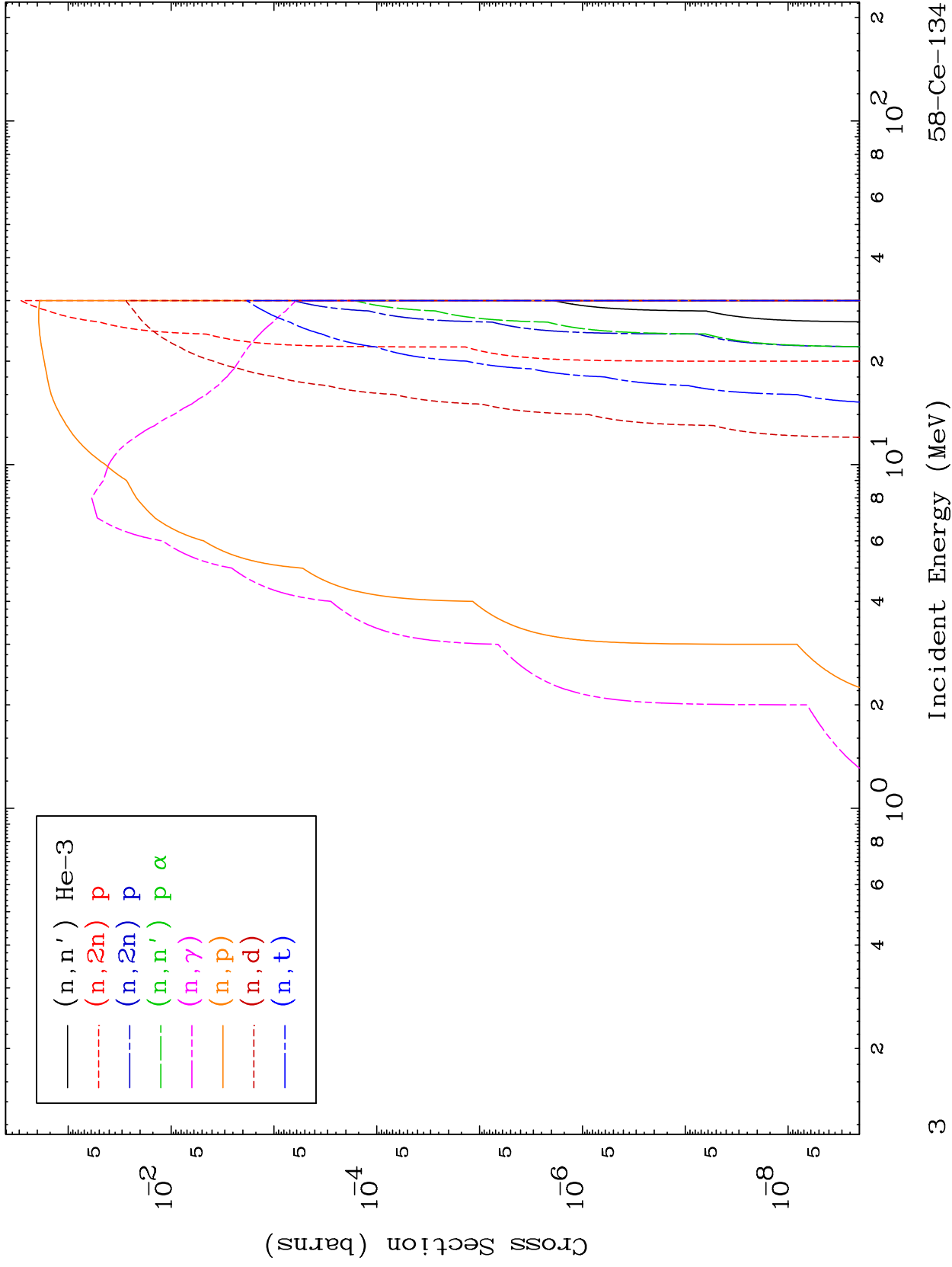




MAT 5819

Proton Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-134

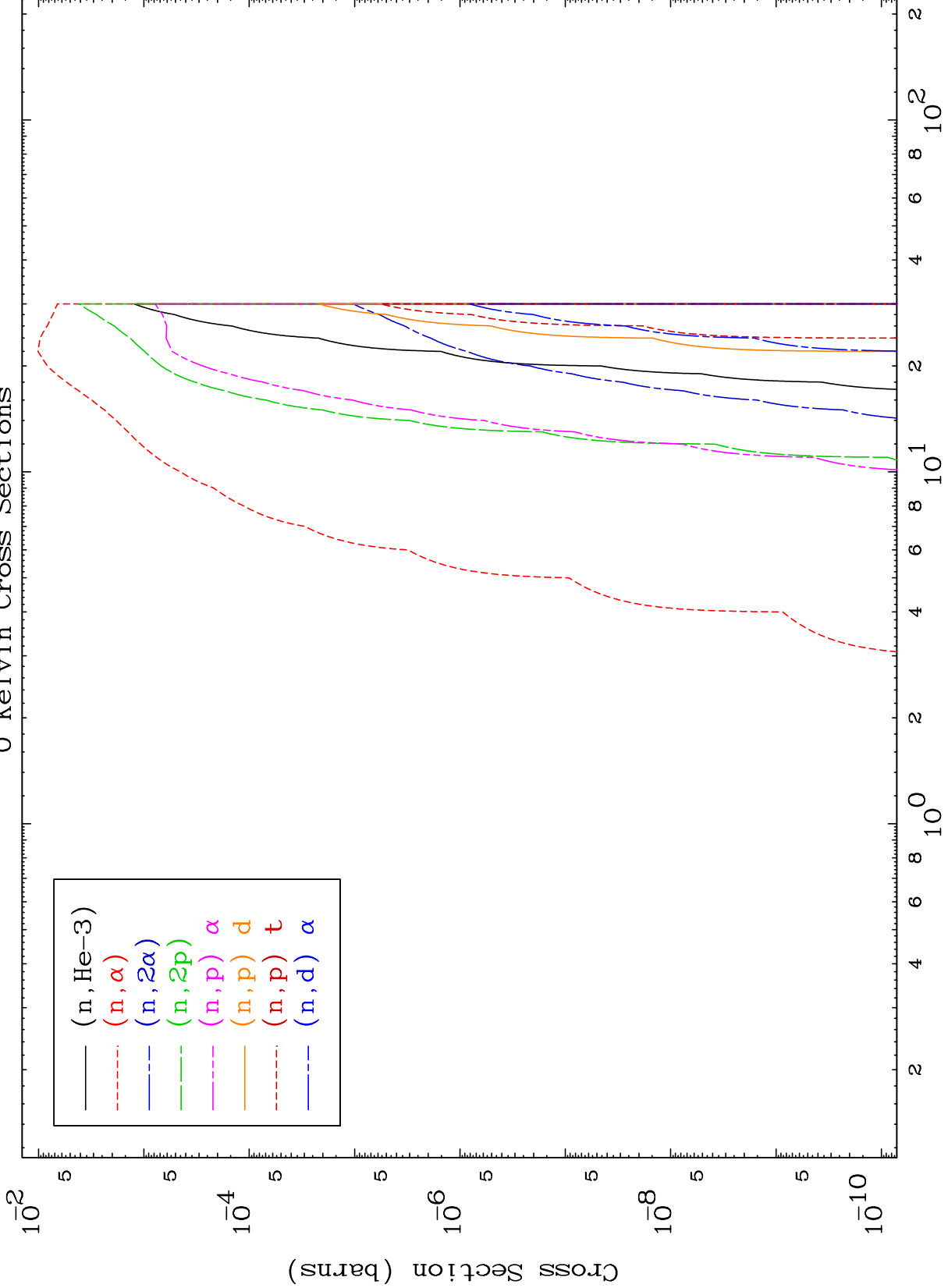


58-Ce-134

MAT 5819

Proton Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-134



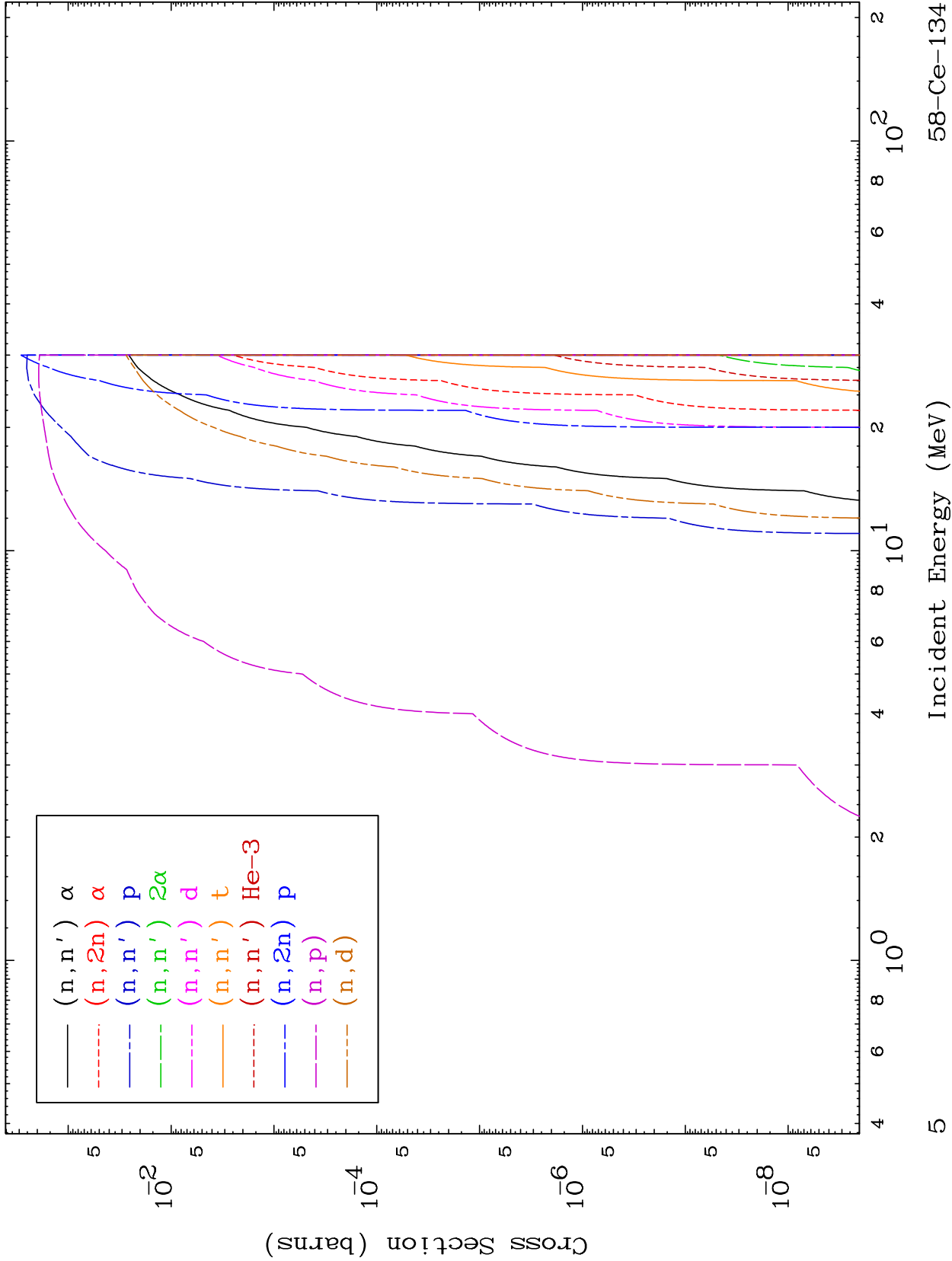
58-Ce-134

Incident Energy (MeV)

MAT 5819

Proton Charged Particle  
0 Kelvin Cross Sections

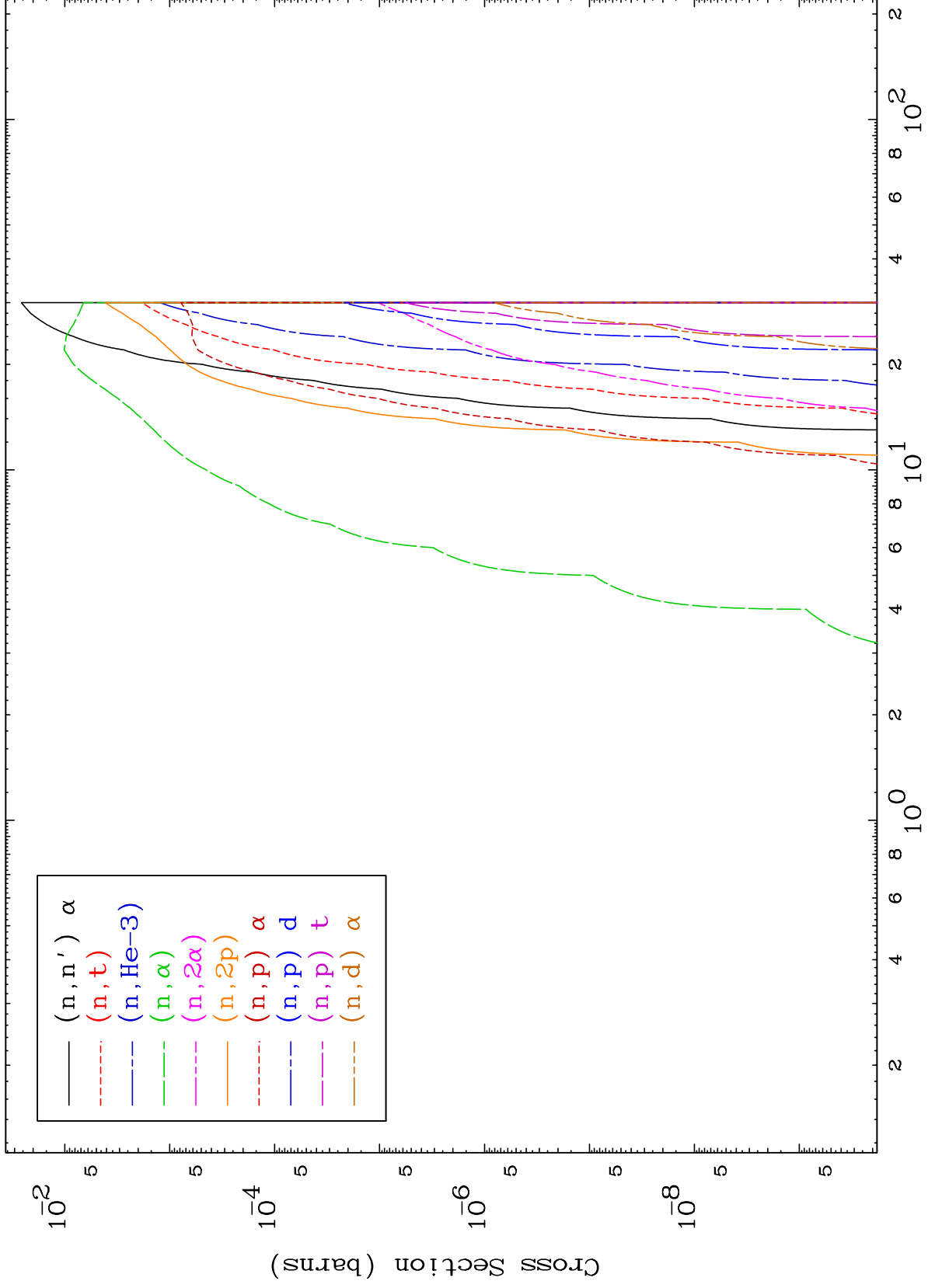
58-Ce-134



MAT 5819

Proton Charged Particle  
0 Kelvin Cross Sections

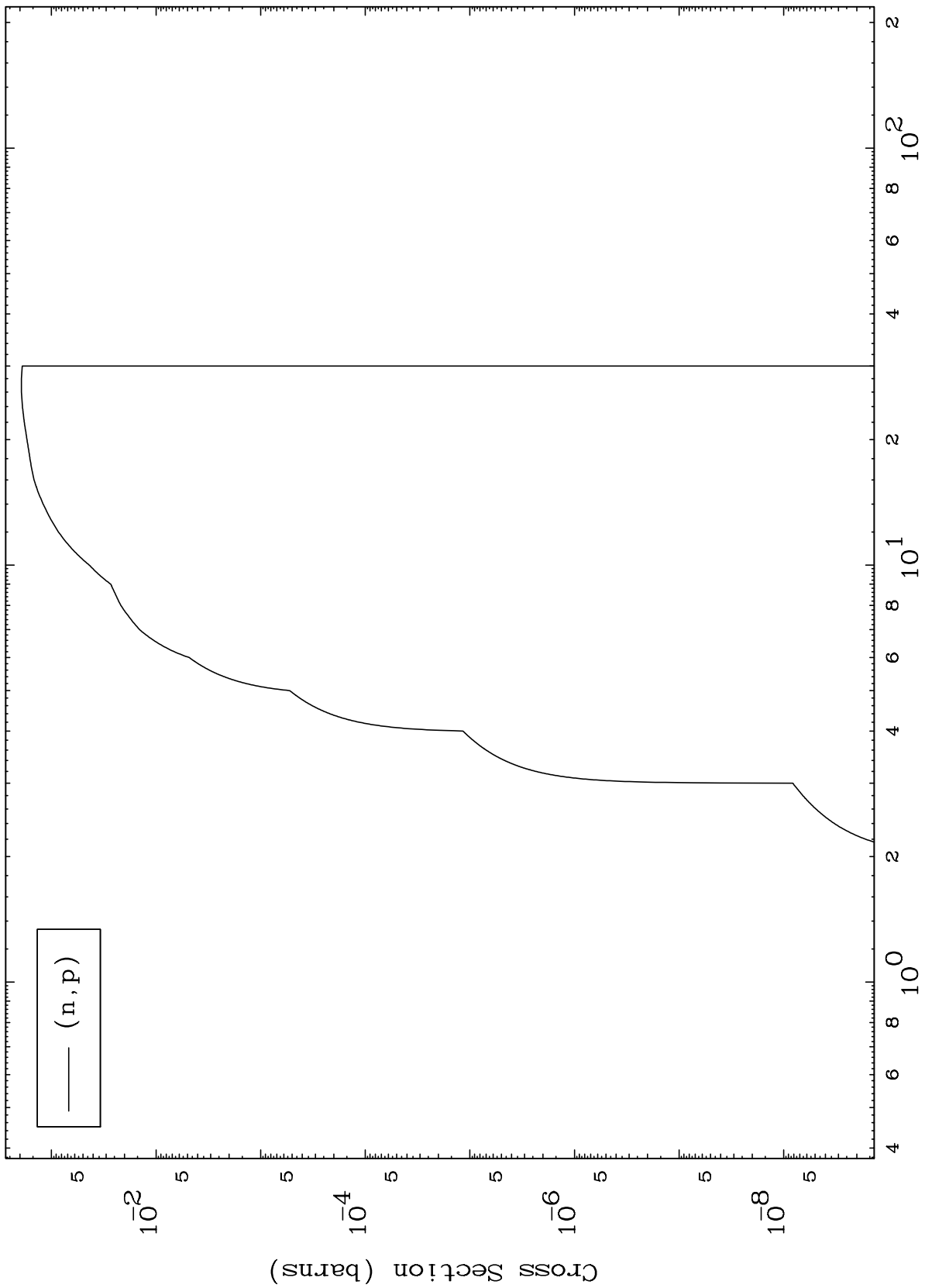
58-Ce-134



MAT 5819

58-Ce-134

(p,p) Levels  
0 Kelvin Cross Sections



7

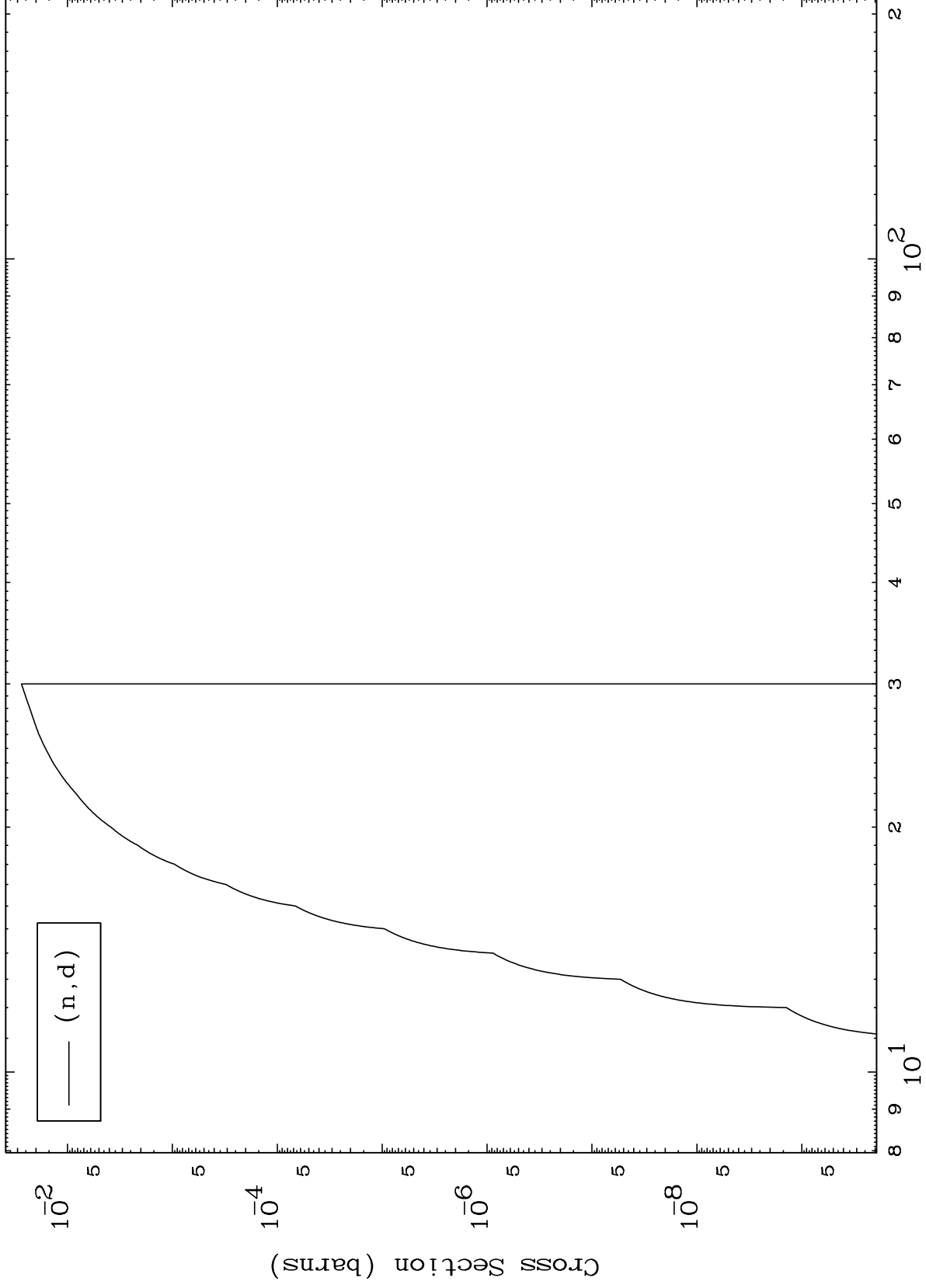
Incident Energy (MeV)

58-Ce-134

MAT 5819

(p,d) Levels  
0 Kelvin Cross Sections

58-Ce-134



8

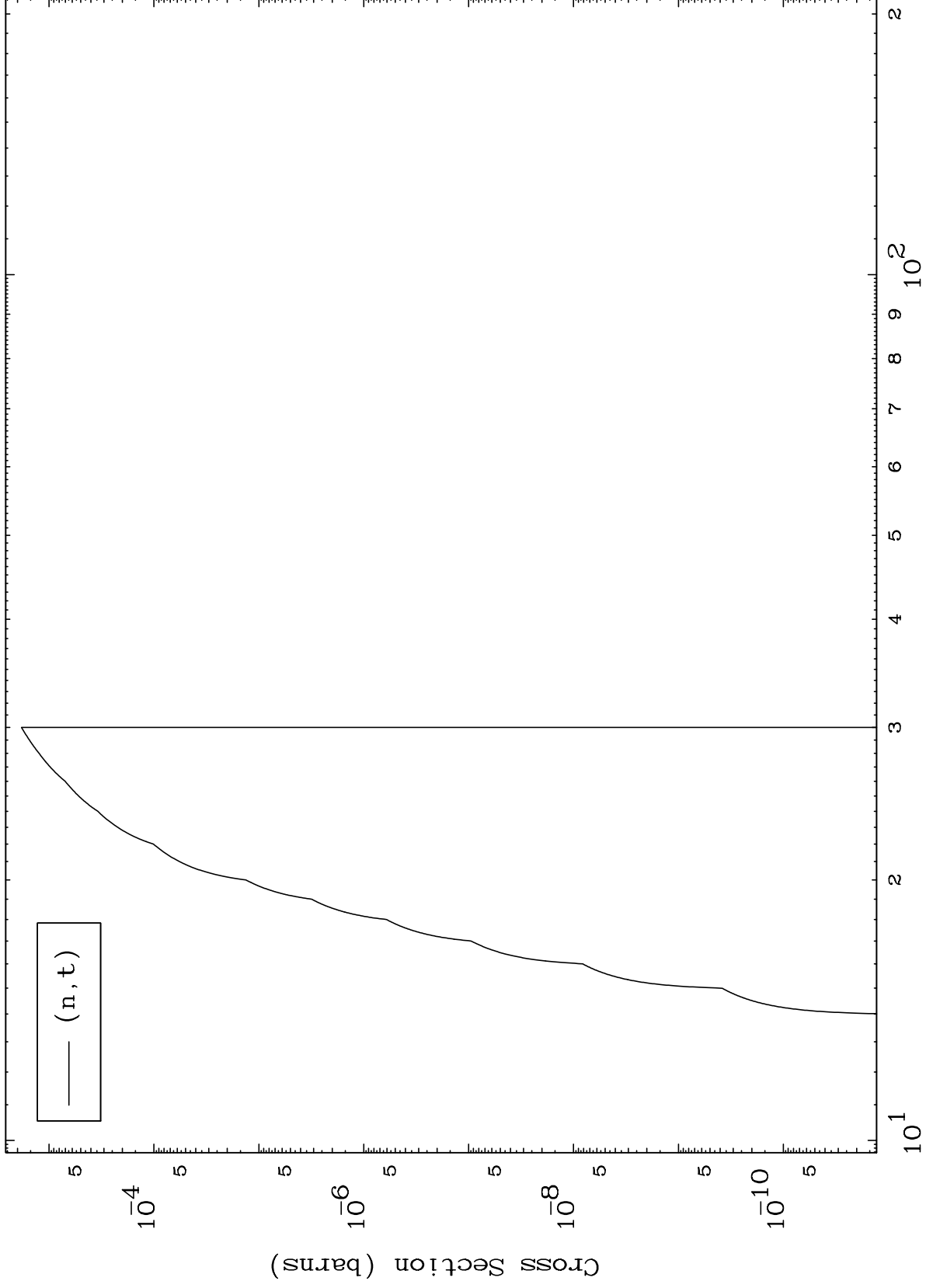
Incident Energy (MeV)

58-Ce-134

MAT 5819

(p,t) Levels  
0 Kelvin Cross Sections

58-Ce-134



Incident Energy (MeV)

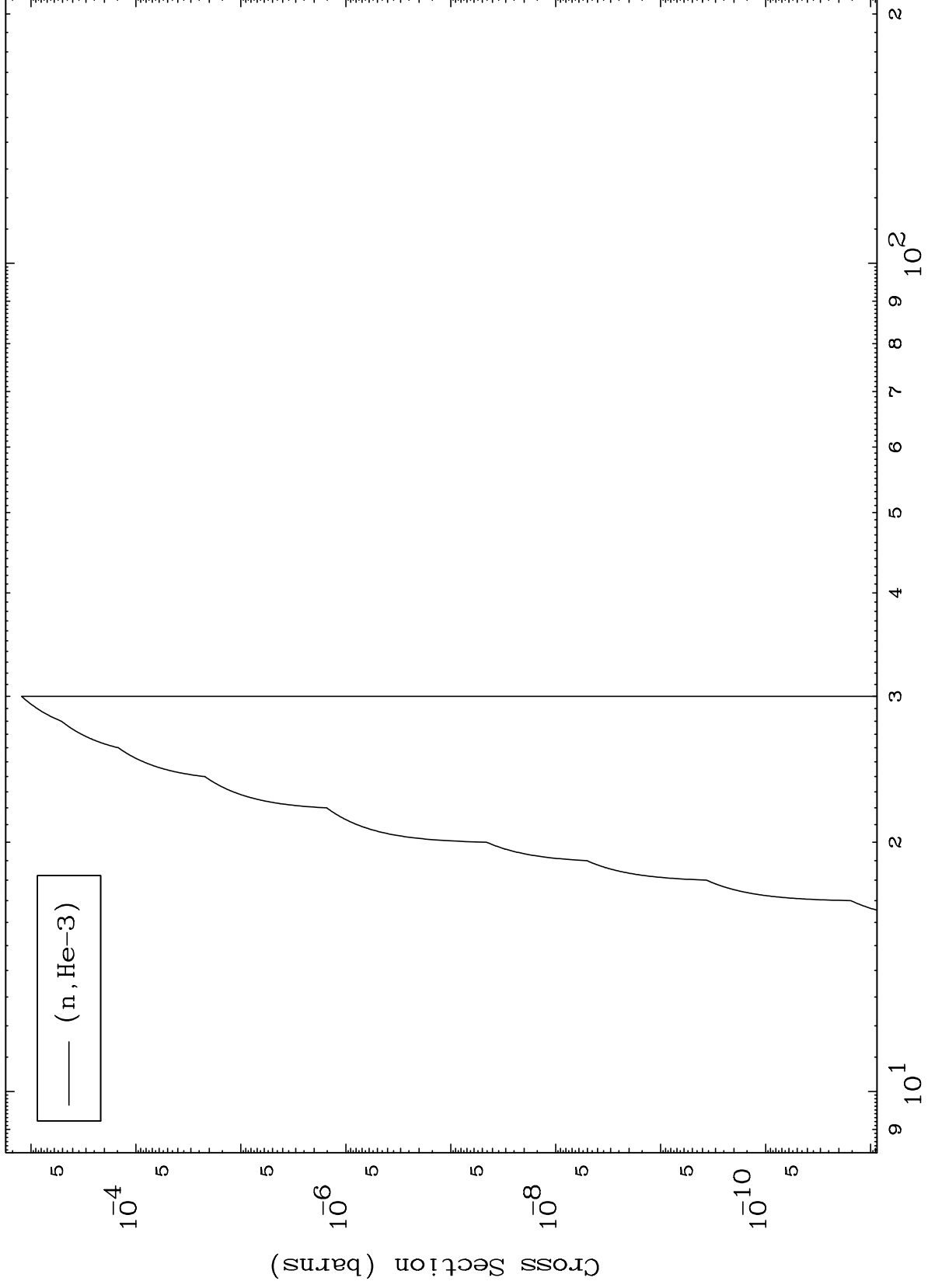
58-Ce-134

MAT 5819

(p,He3) Levels

58-Ce-134

0 Kelvin Cross Sections



10

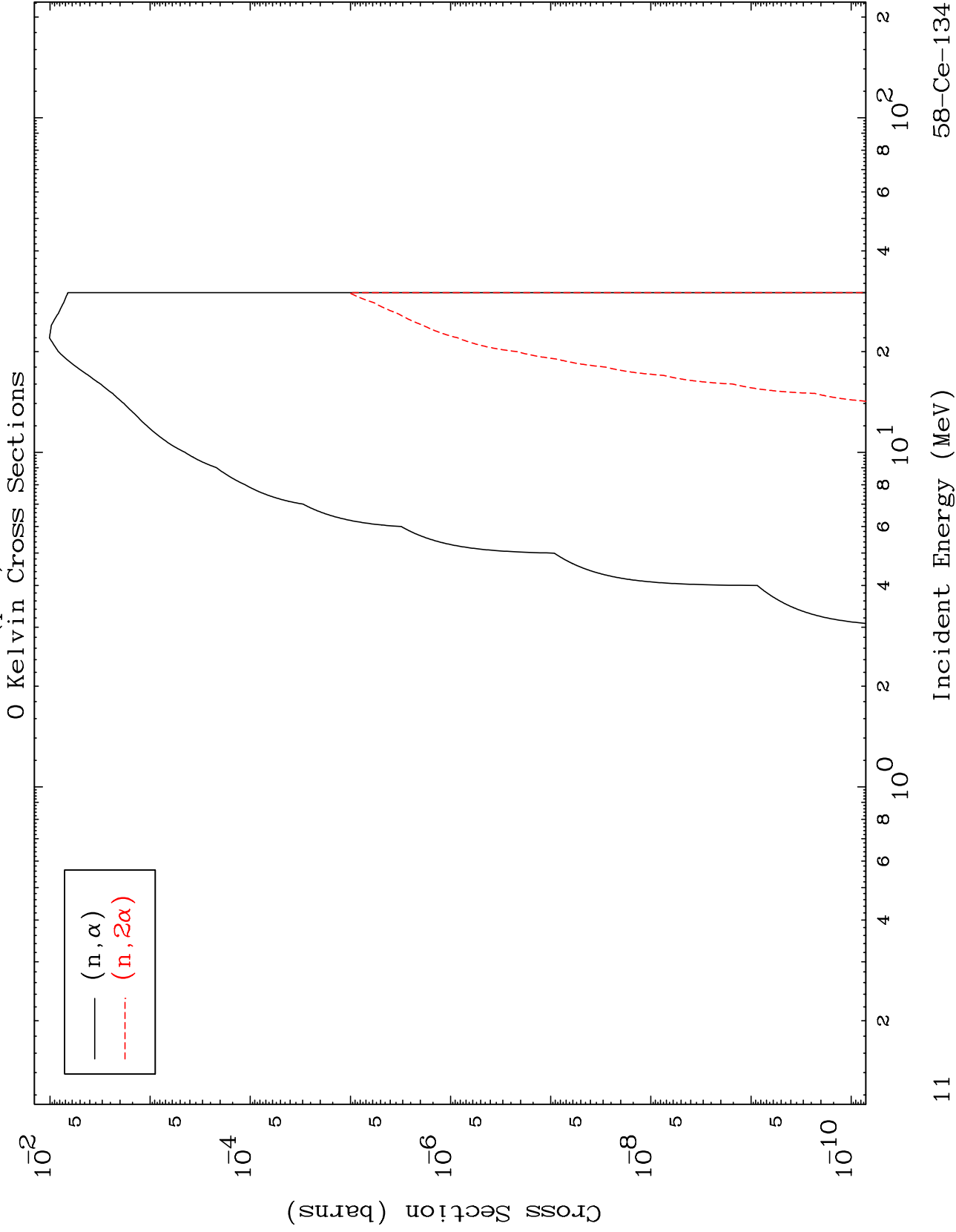
Incident Energy (MeV)

58-Ce-134

MAT 5819

(p,  $\alpha$ ) Levels

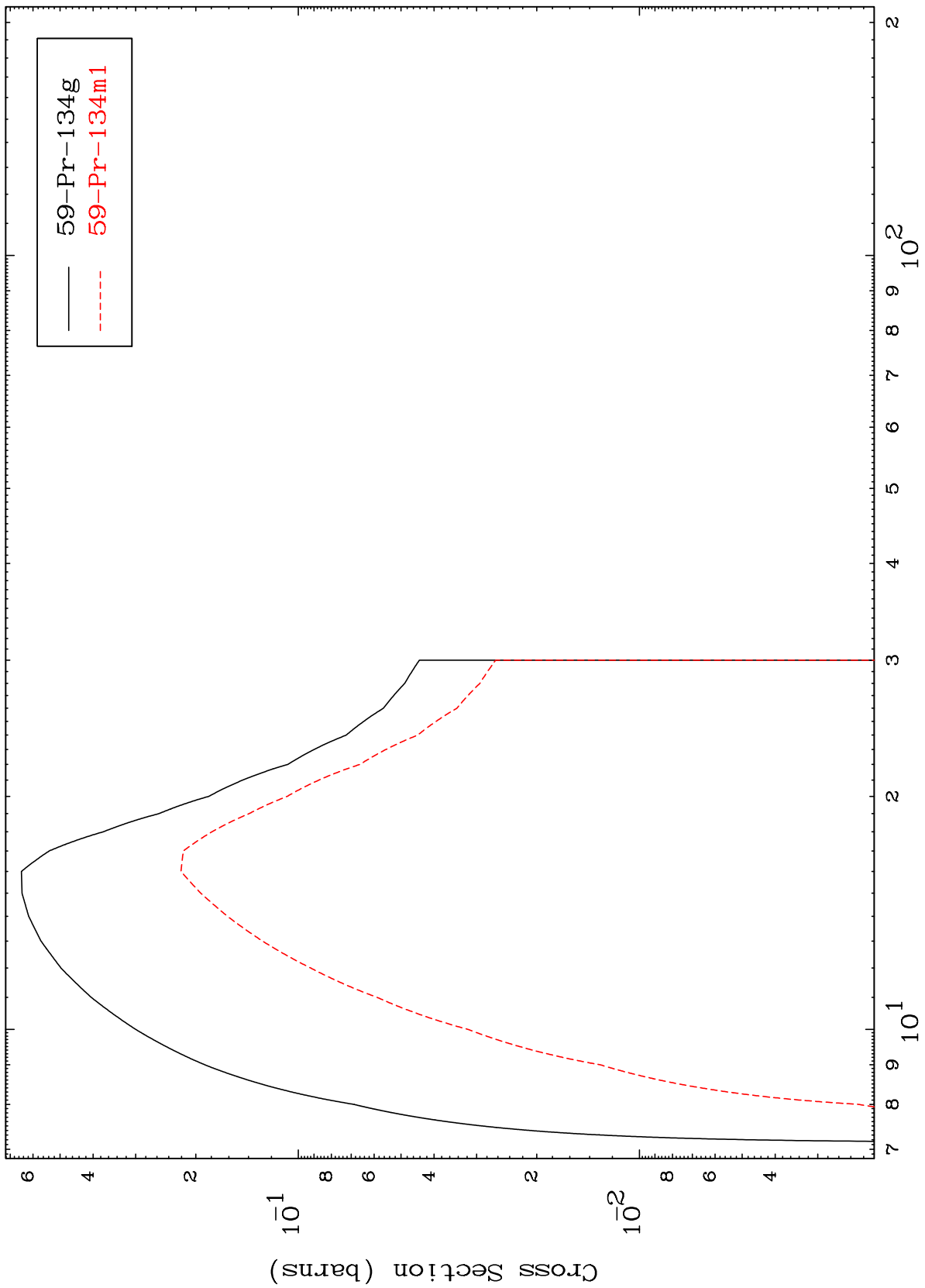
58-Ce-134



MAT 5819

58-Ce-134

Inelastic  
Radionuclide Production Cross Section



58-Ce-134

Incident Energy (MeV)

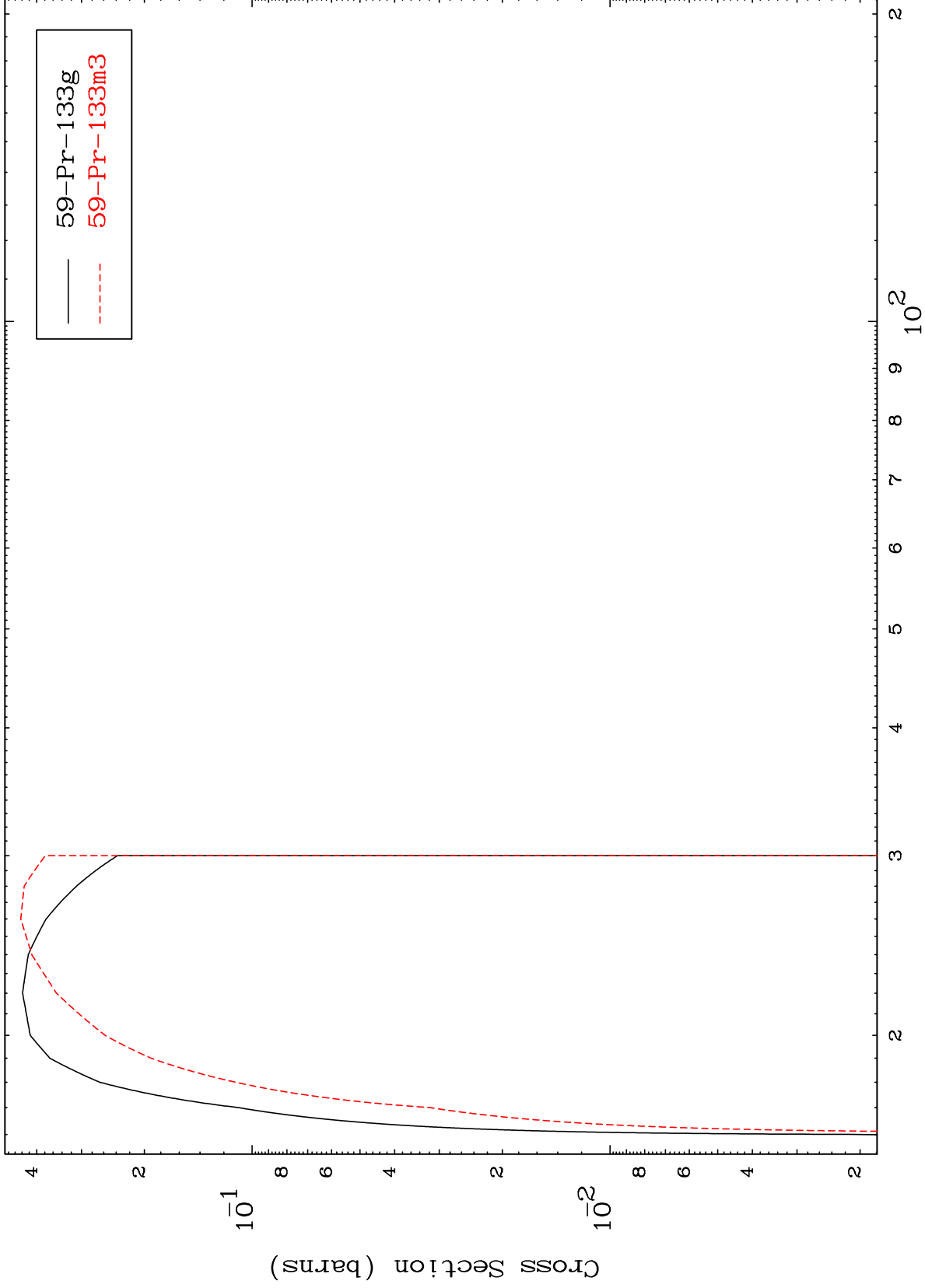
12

MAT 5819

(n,2n)

58-Ce-134

Radionuclide Production Cross Section



13

Incident Energy (MeV)

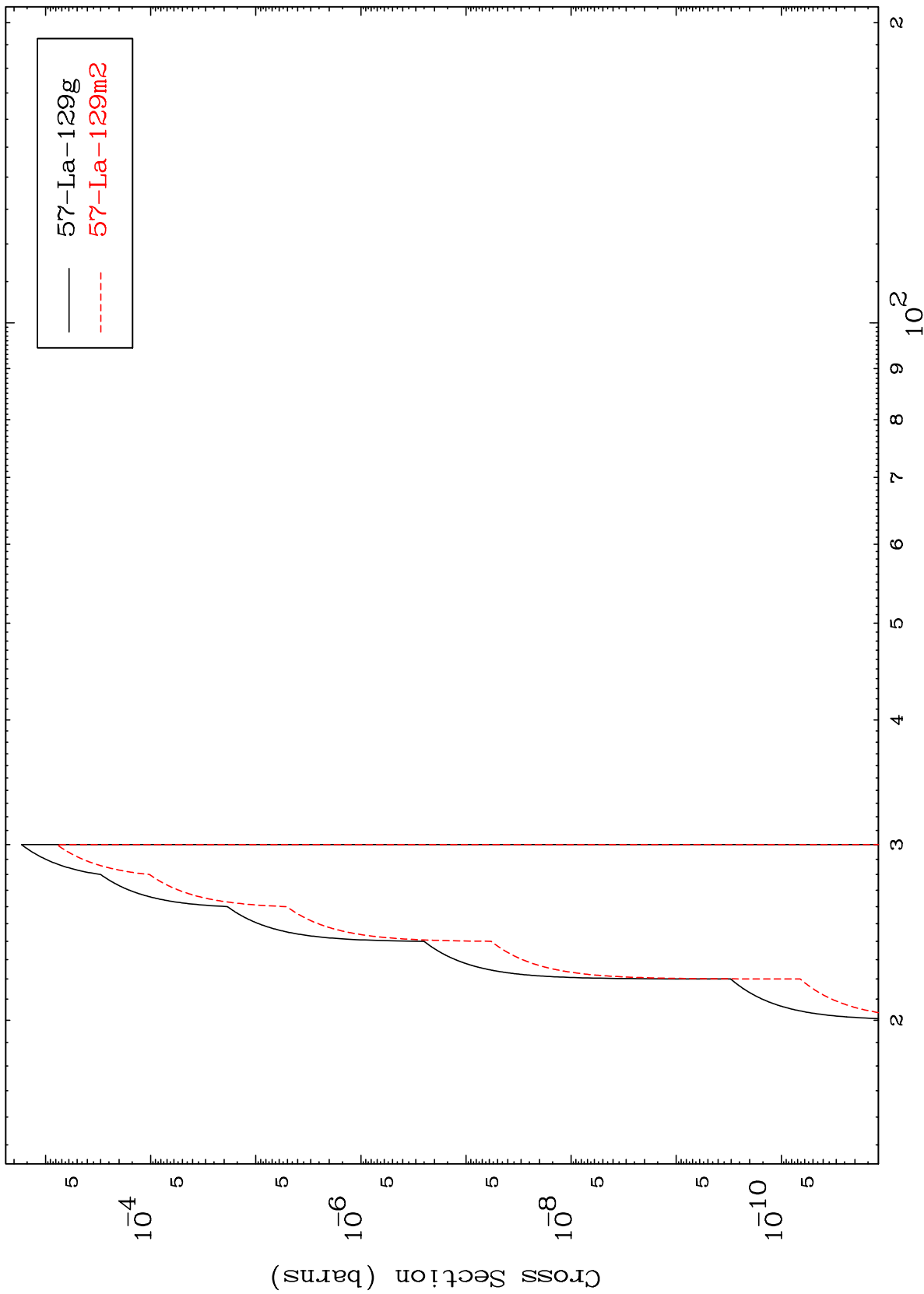
58-Ce-134

MAT 5819

(n,2n)  $\alpha$

58-Ce-134

Radionuclide Production Cross Section



14

Incident Energy (MeV)

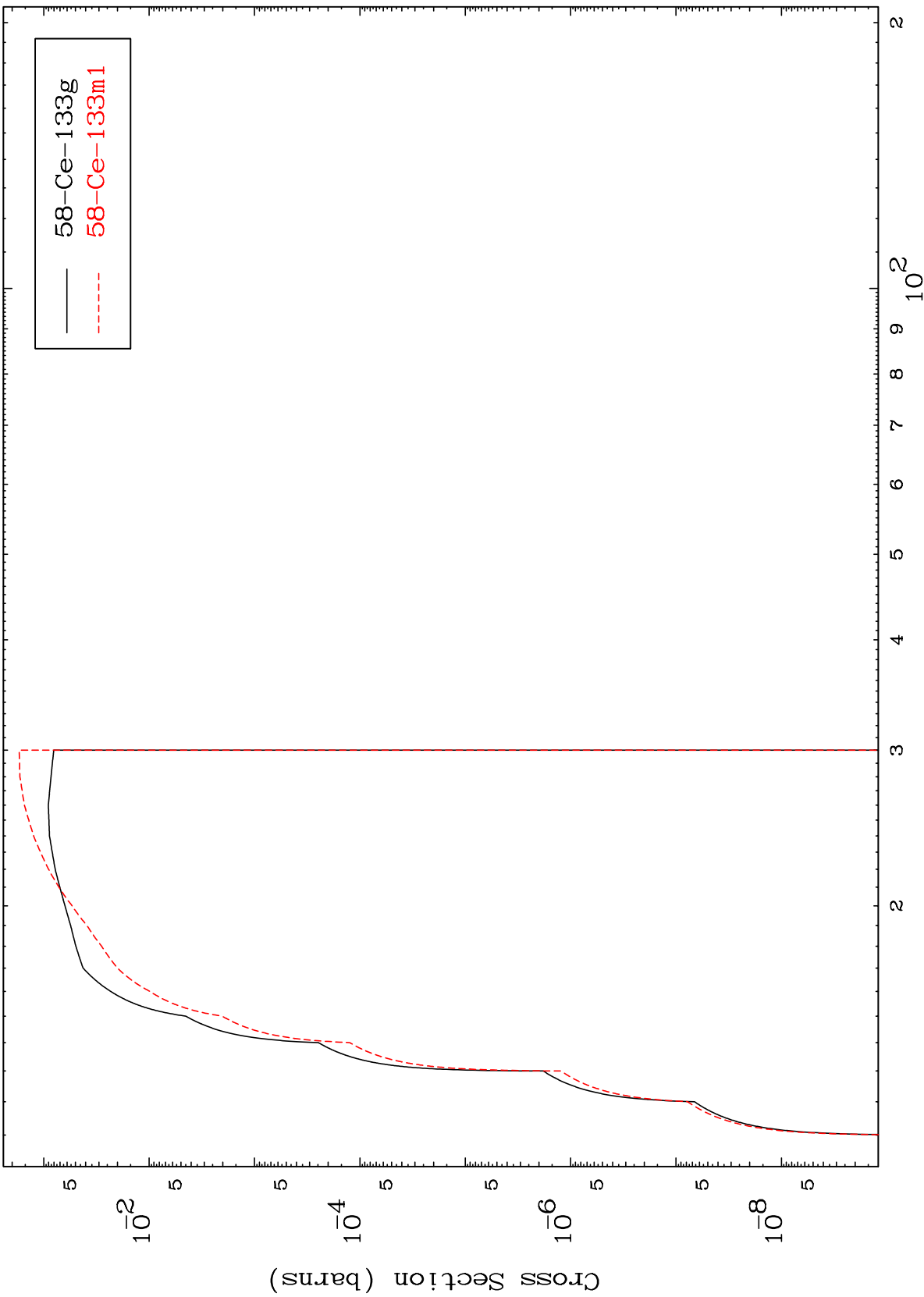
58-Ce-134

MAT 5819

(n,n') p

58-Ce-134

Radionuclide Production Cross Section



58-Ce-133g  
58-Ce-133m1

15

Incident Energy (MeV)

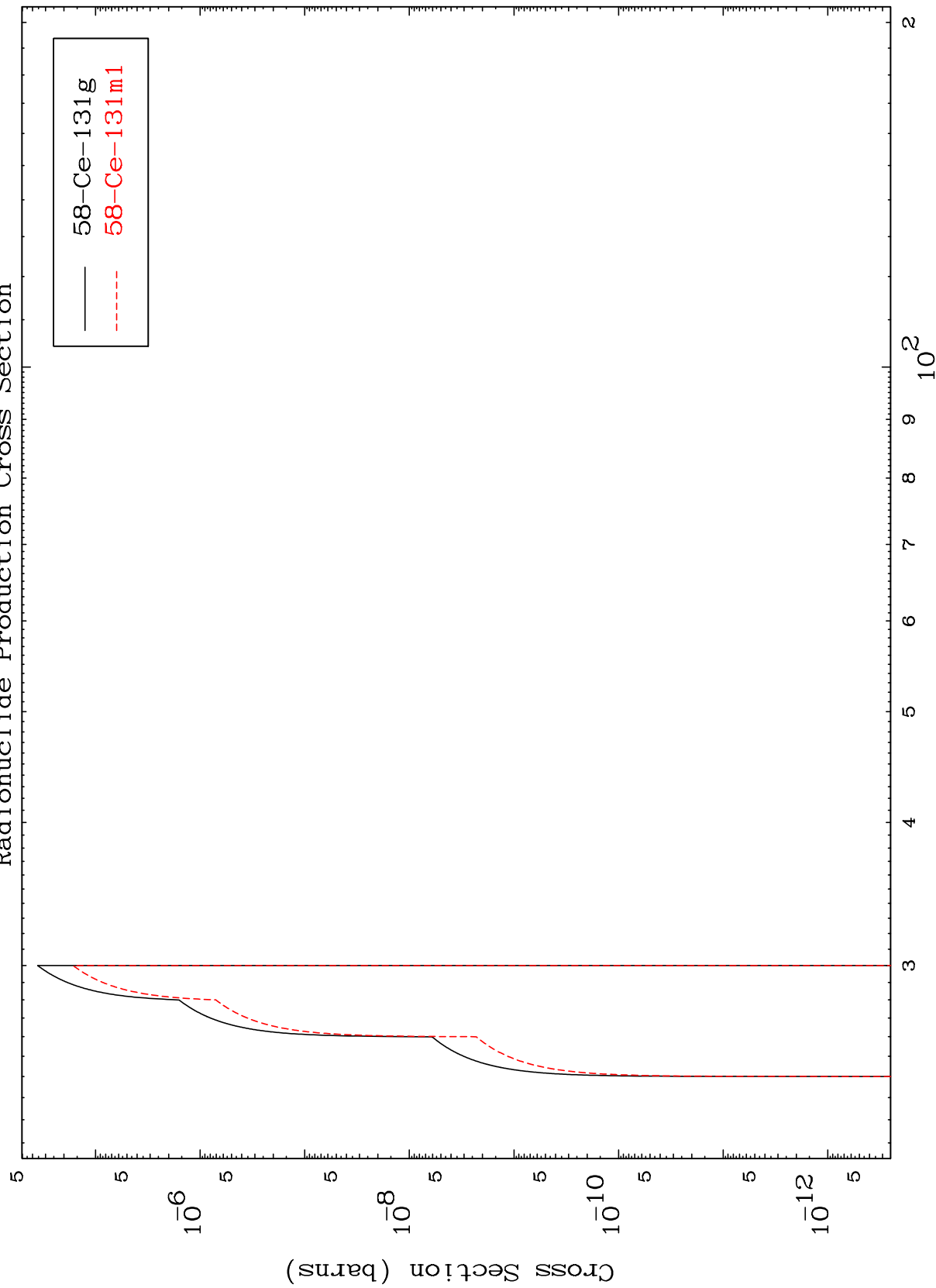
58-Ce-134

MAT 5819

(n,n') t

58-Ce-134

Radionuclide Production Cross Section



58-Ce-131g  
58-Ce-131m1

16

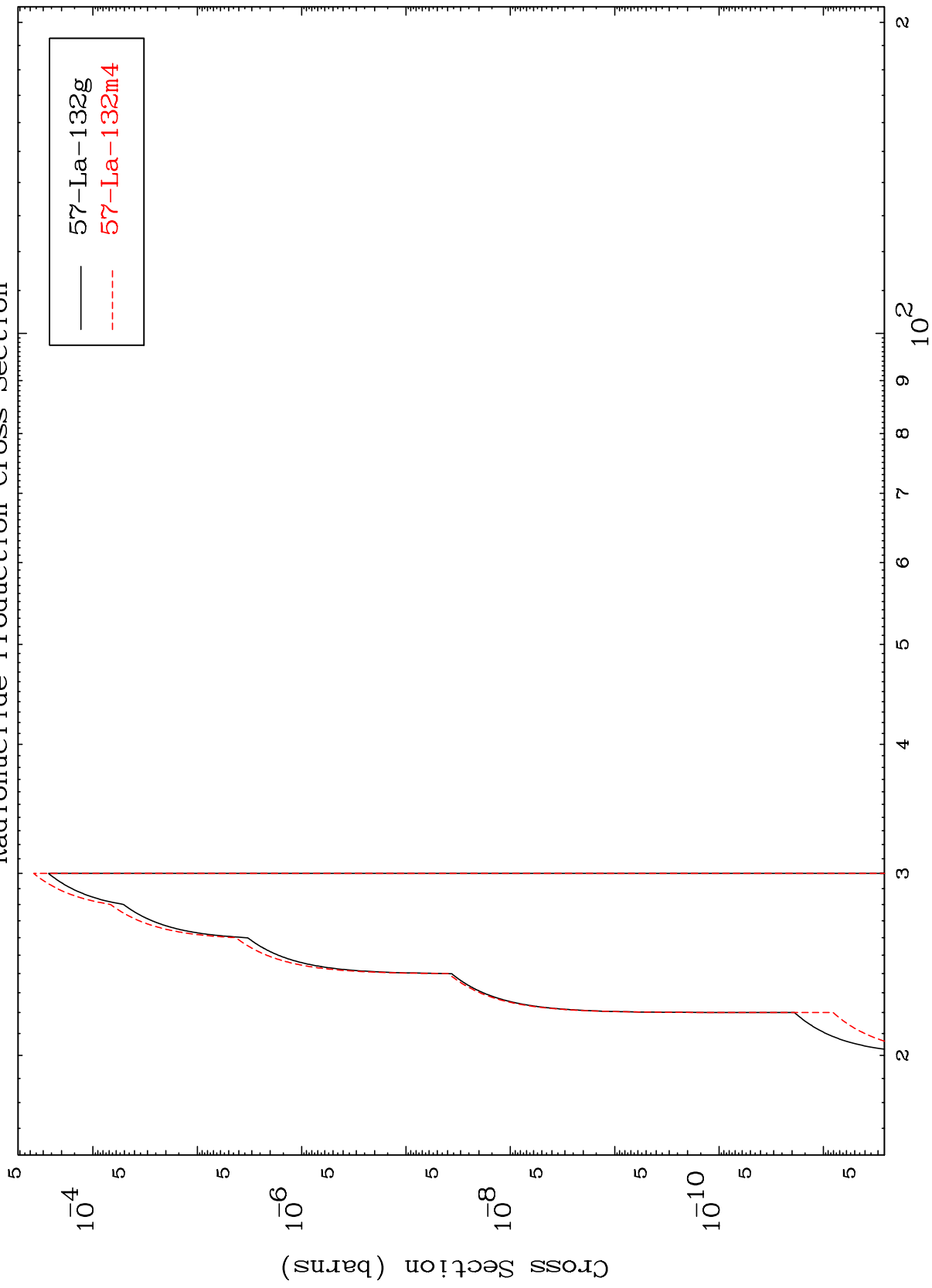
Incident Energy (MeV)

58-Ce-134

MAT 5819

58-Ce-134

(n,2n) p  
Radionuclide Production Cross Section



58-Ce-134

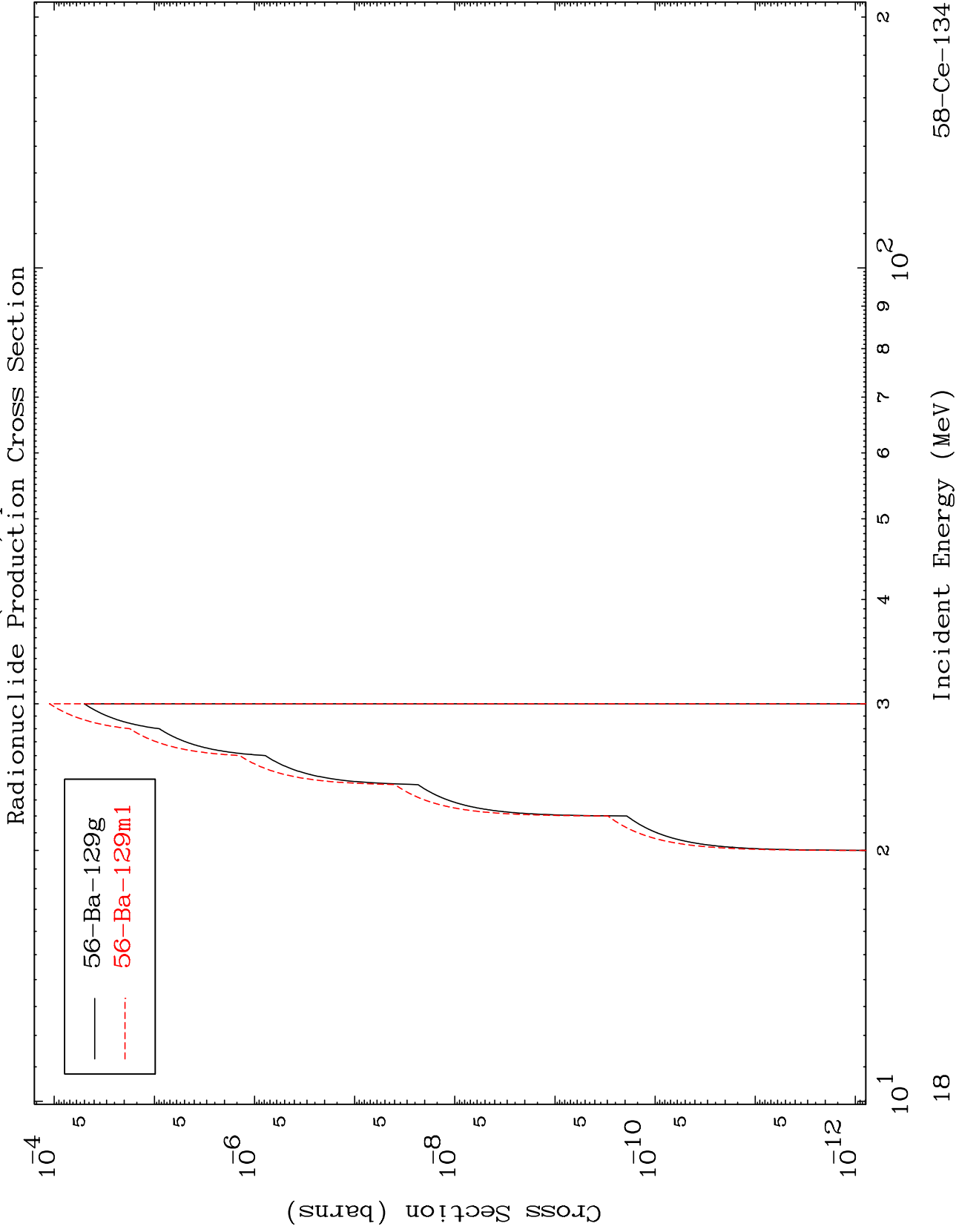
Incident Energy (MeV)

17

MAT 5819

(n,n') p  $\alpha$

58-Ce-134

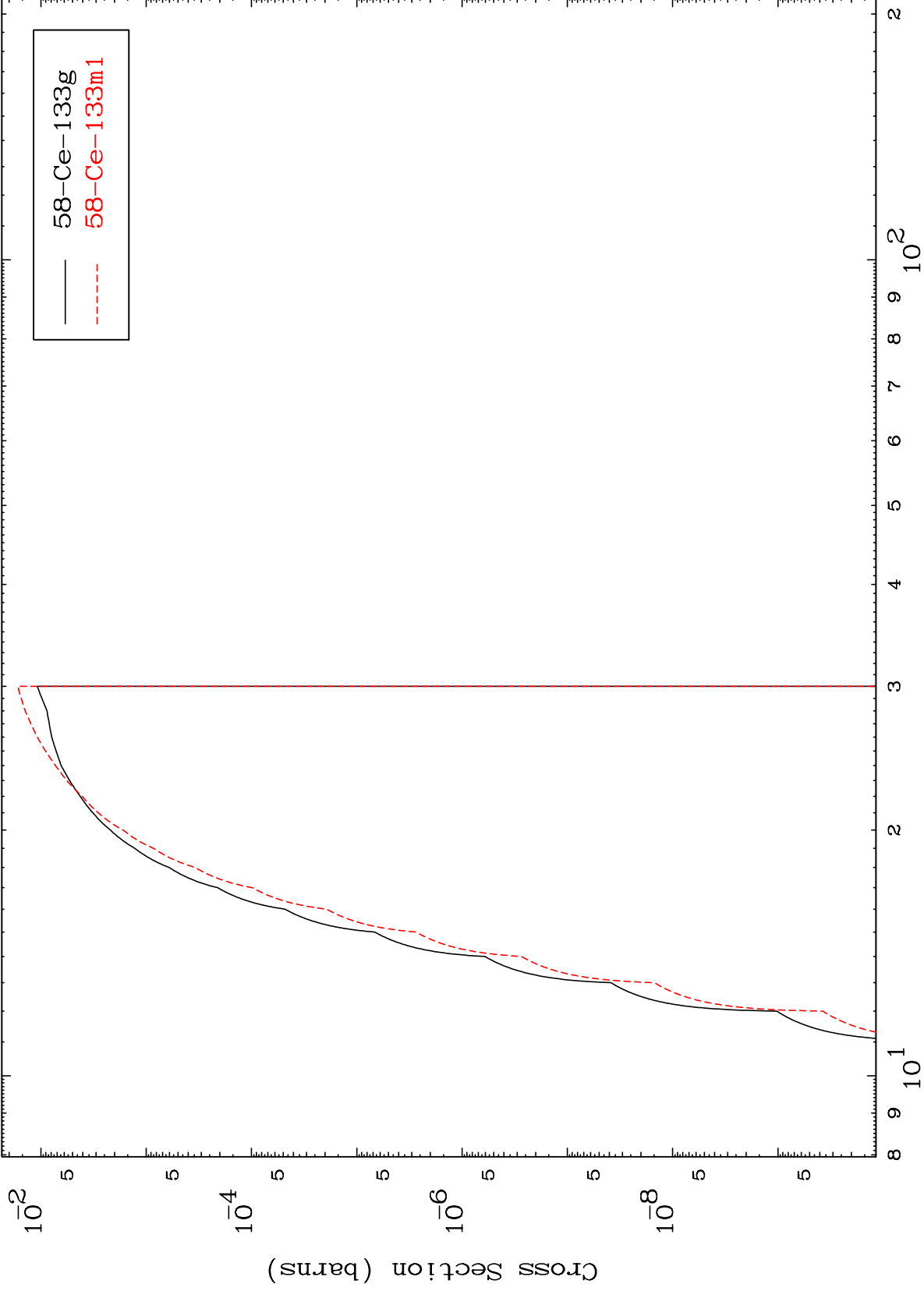


MAT 5819

(n,d)

58-Ce-134

Radionuclide Production Cross Section



19

Incident Energy (MeV)

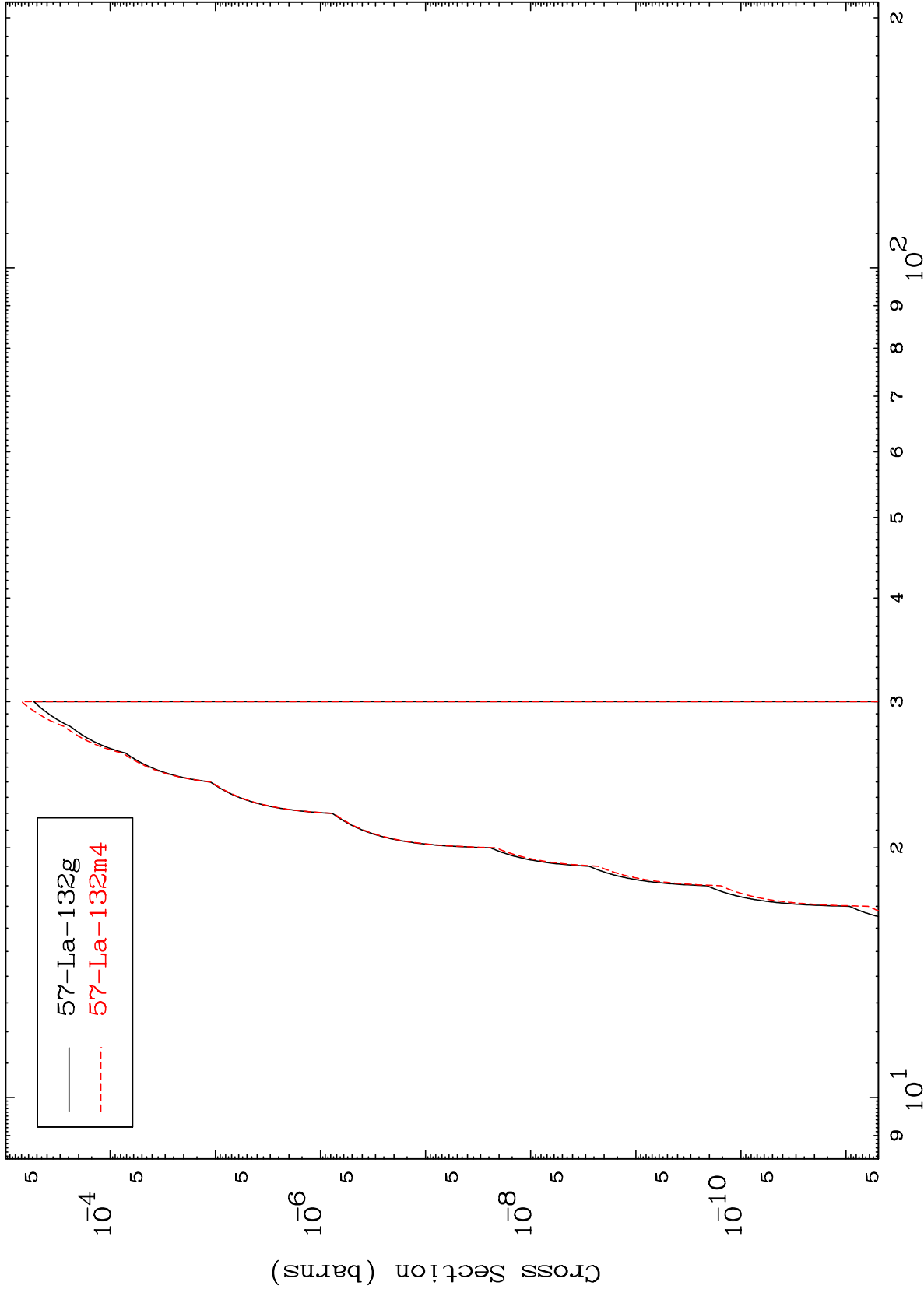
58-Ce-134

MAT 5819

(n,He-3)

58-Ce-134

Radionuclide Production Cross Section



20

Incident Energy (MeV)

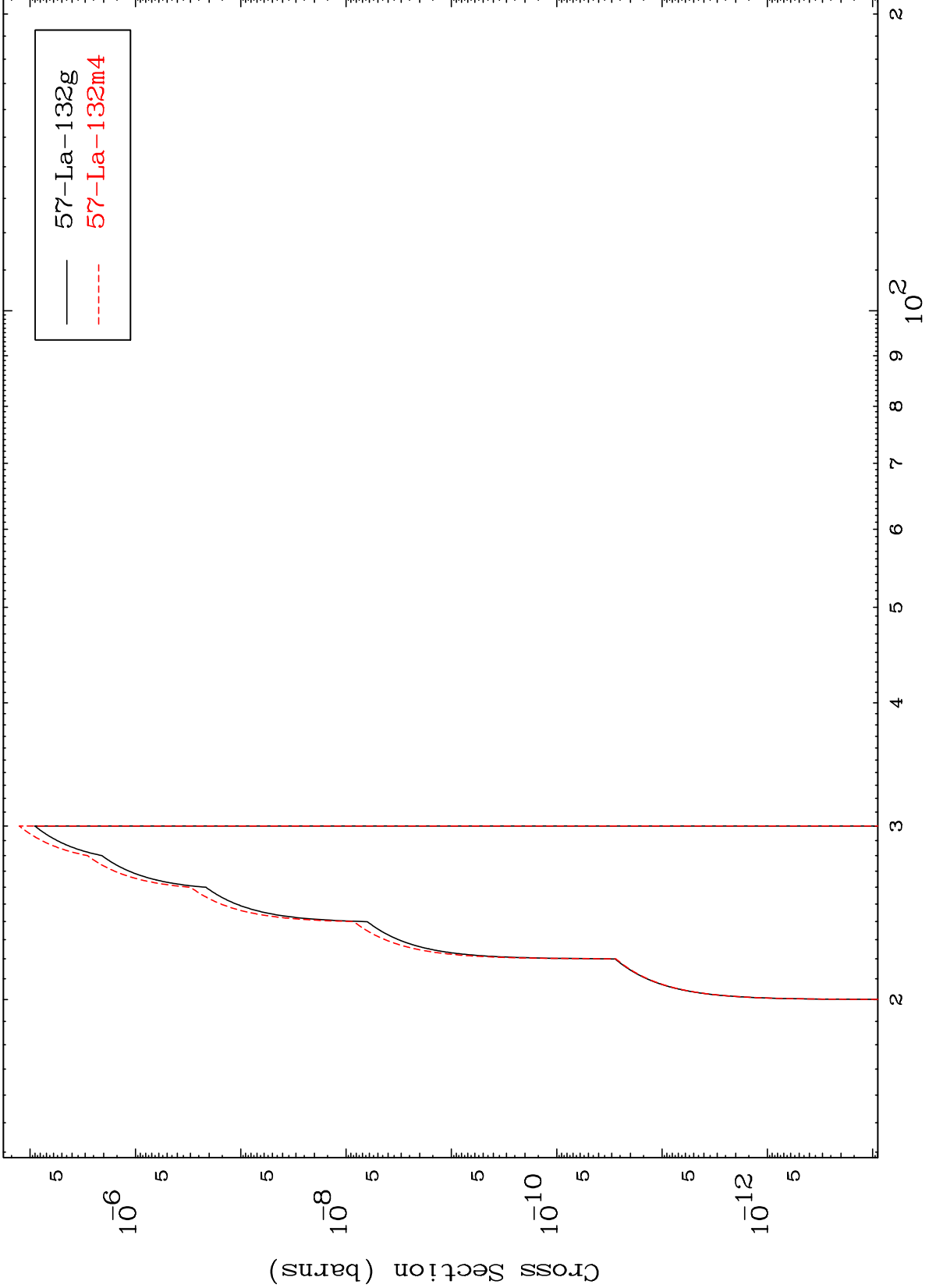
58-Ce-134

MAT 5819

(n,p) d

58-Ce-134

Radionuclide Production Cross Section



21

Incident Energy (MeV)

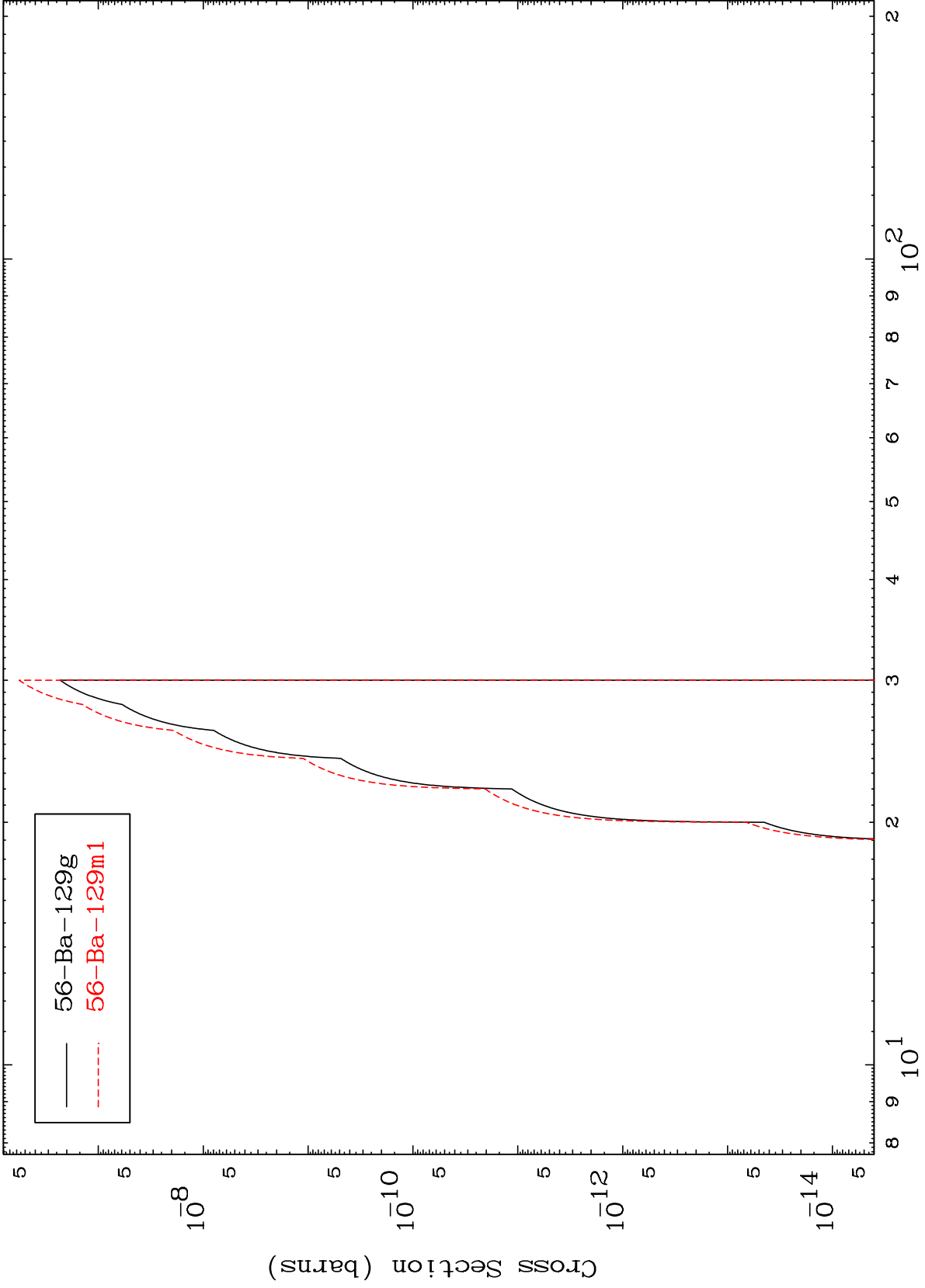
58-Ce-134

MAT 5819

(n,d)  $\alpha$

58-Ce-134

Radionuclide Production Cross Section



22

Incident Energy (MeV)

58-Ce-134