

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

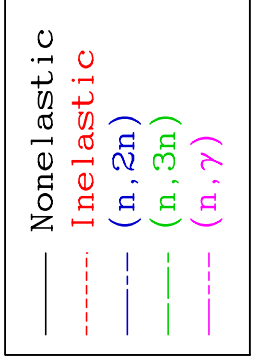
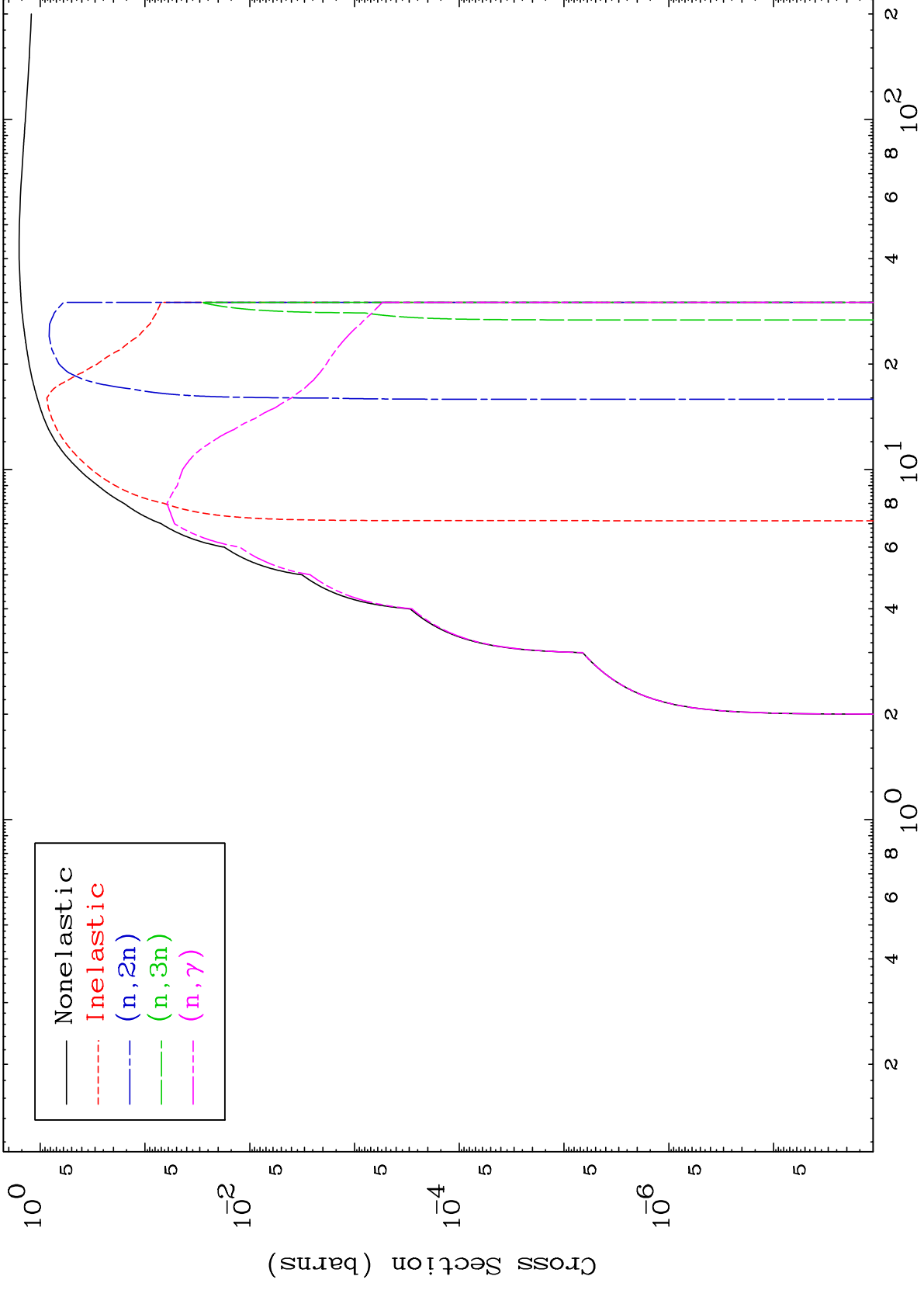
Press Mouse Button to Start

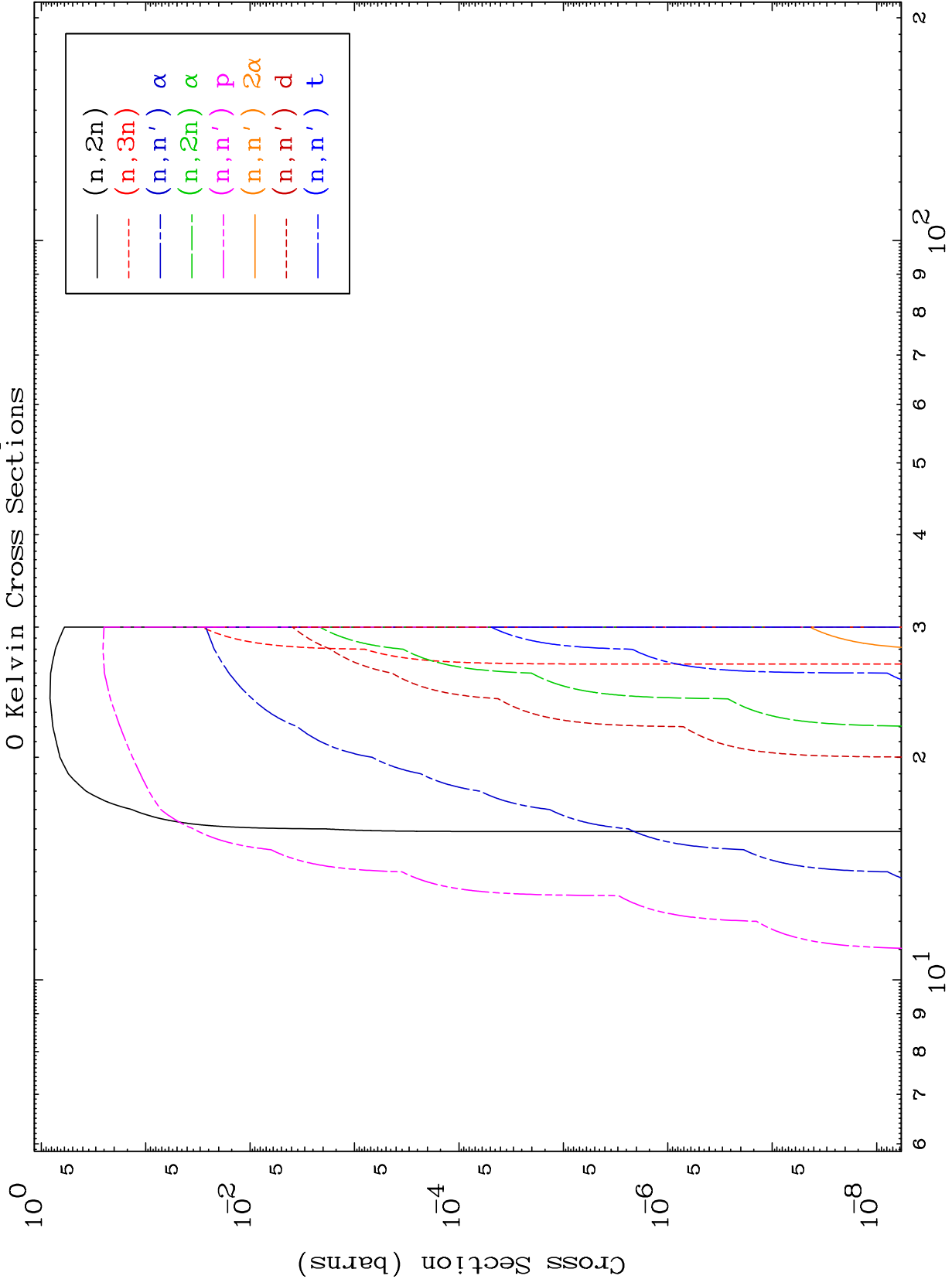
MAT 5819

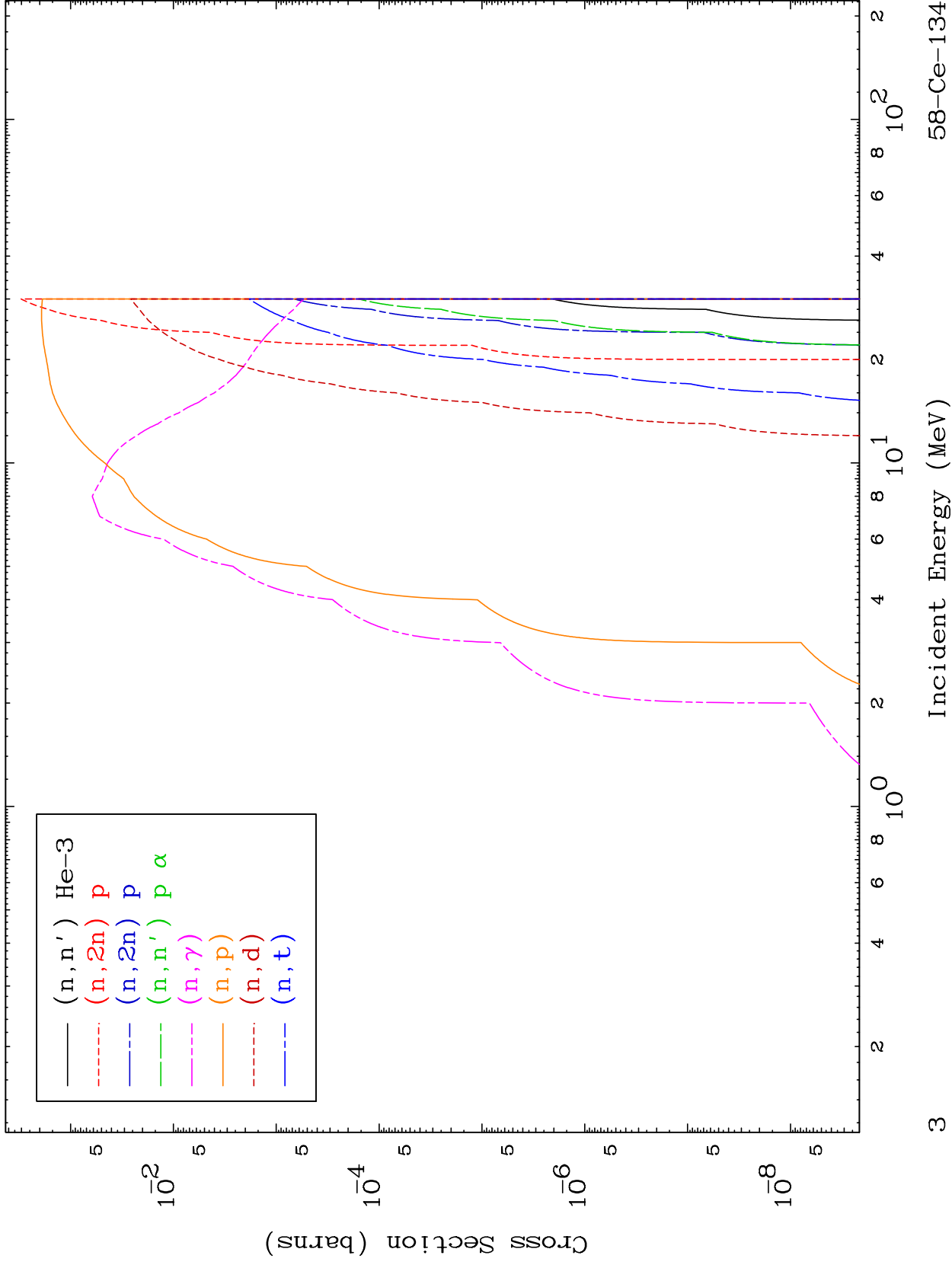
Proton Major

58-Ce-134

0 Kelvin Cross Sections



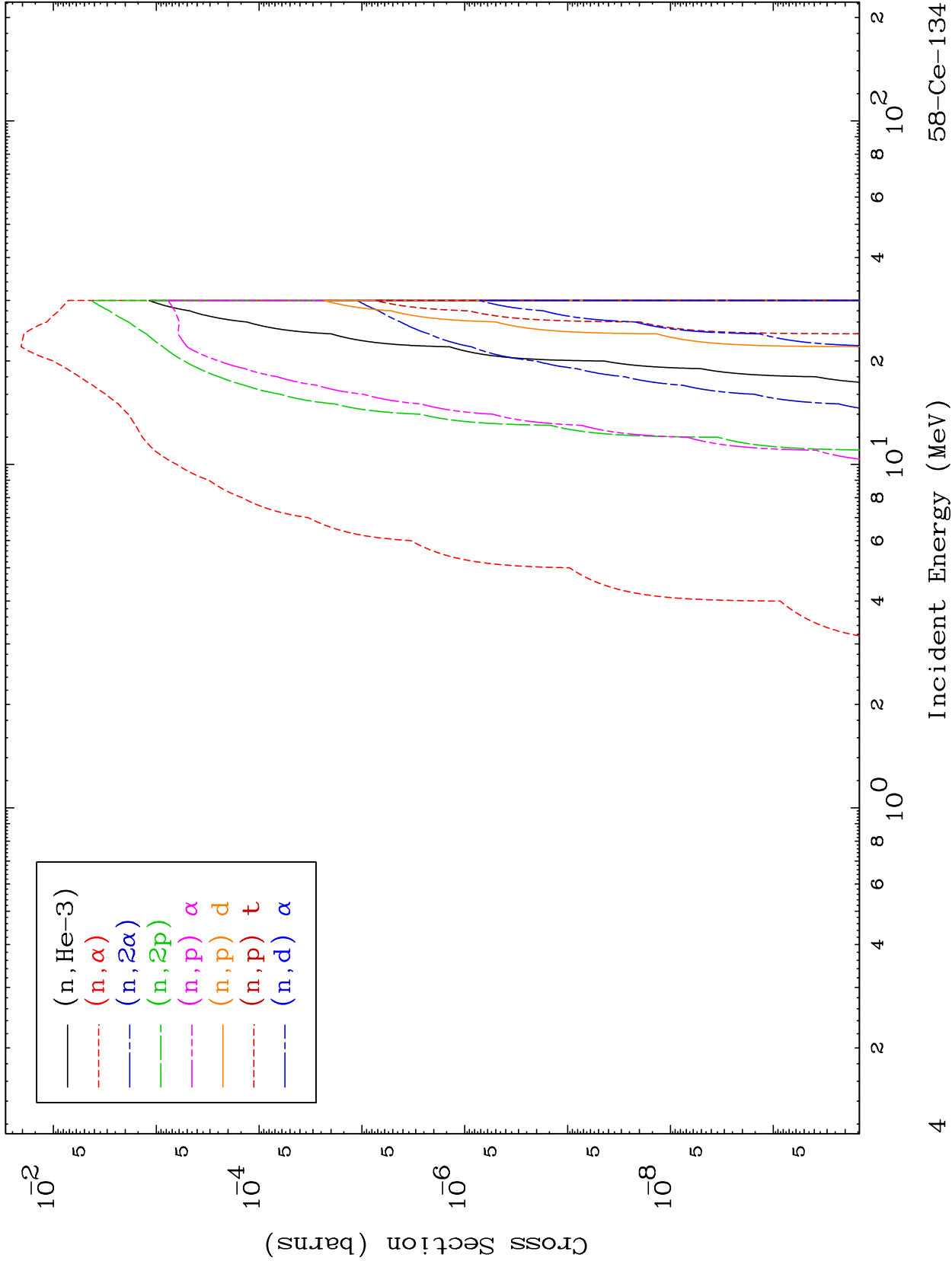




MAT 5819

Proton Neutron Absorption
0 Kelvin Cross Sections

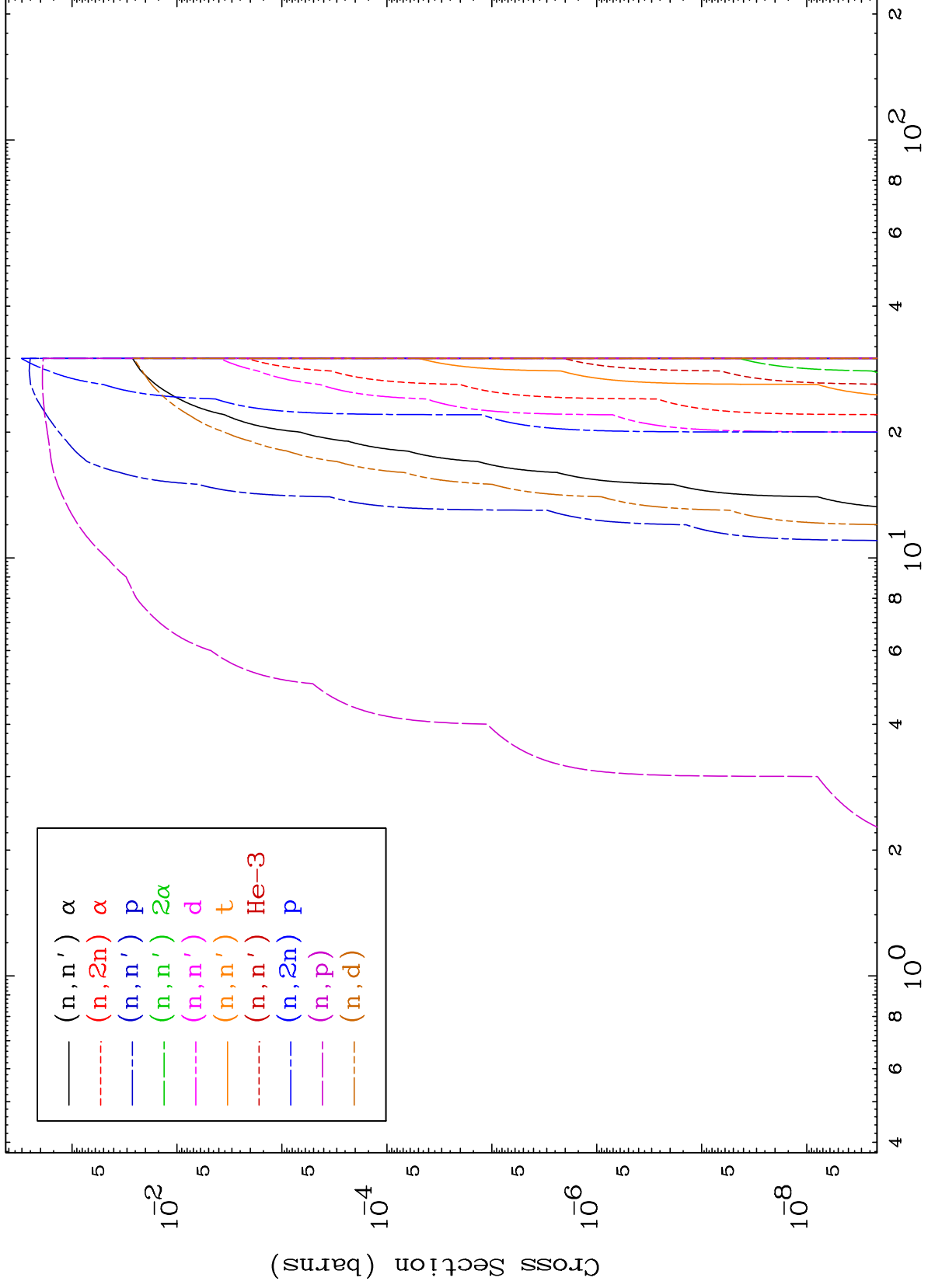
58-Ce-134



MAT 5819

Proton Charged Particle
0 Kelvin Cross Sections

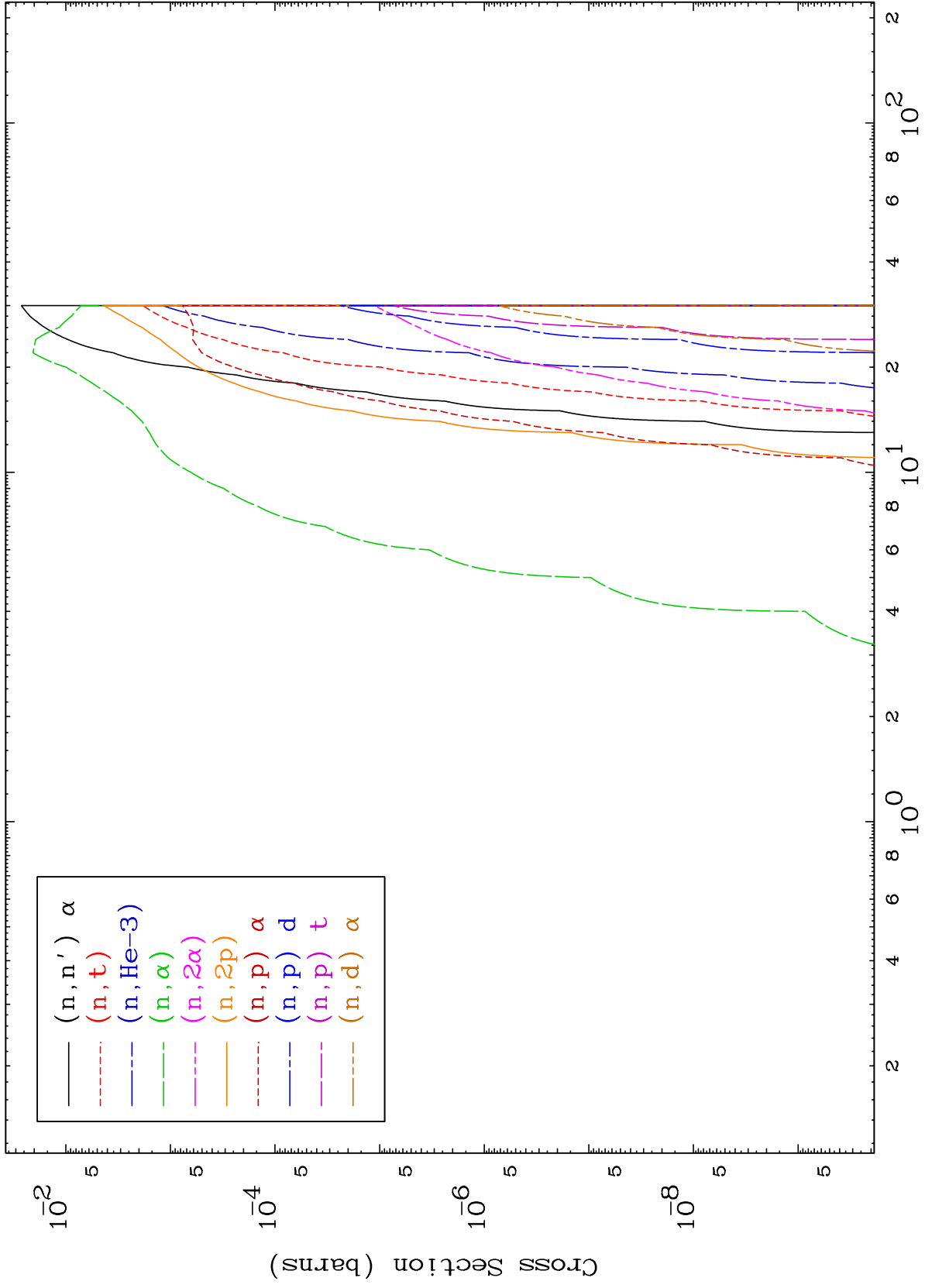
58-Ce-134



5

Incident Energy (MeV)

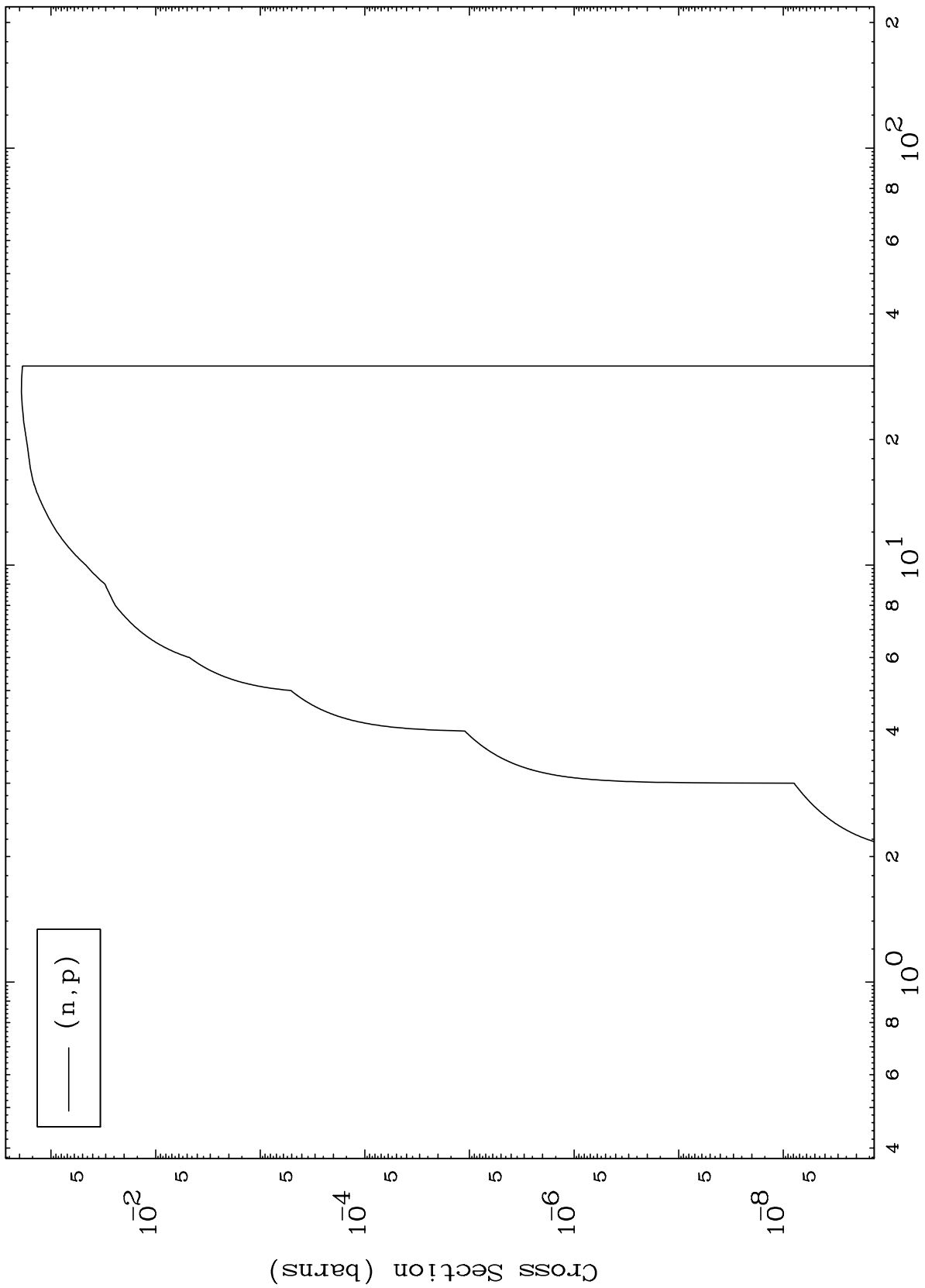
58-Ce-134



MAT 5819

58-Ce-134

(p,p) Levels
0 Kelvin Cross Sections



7

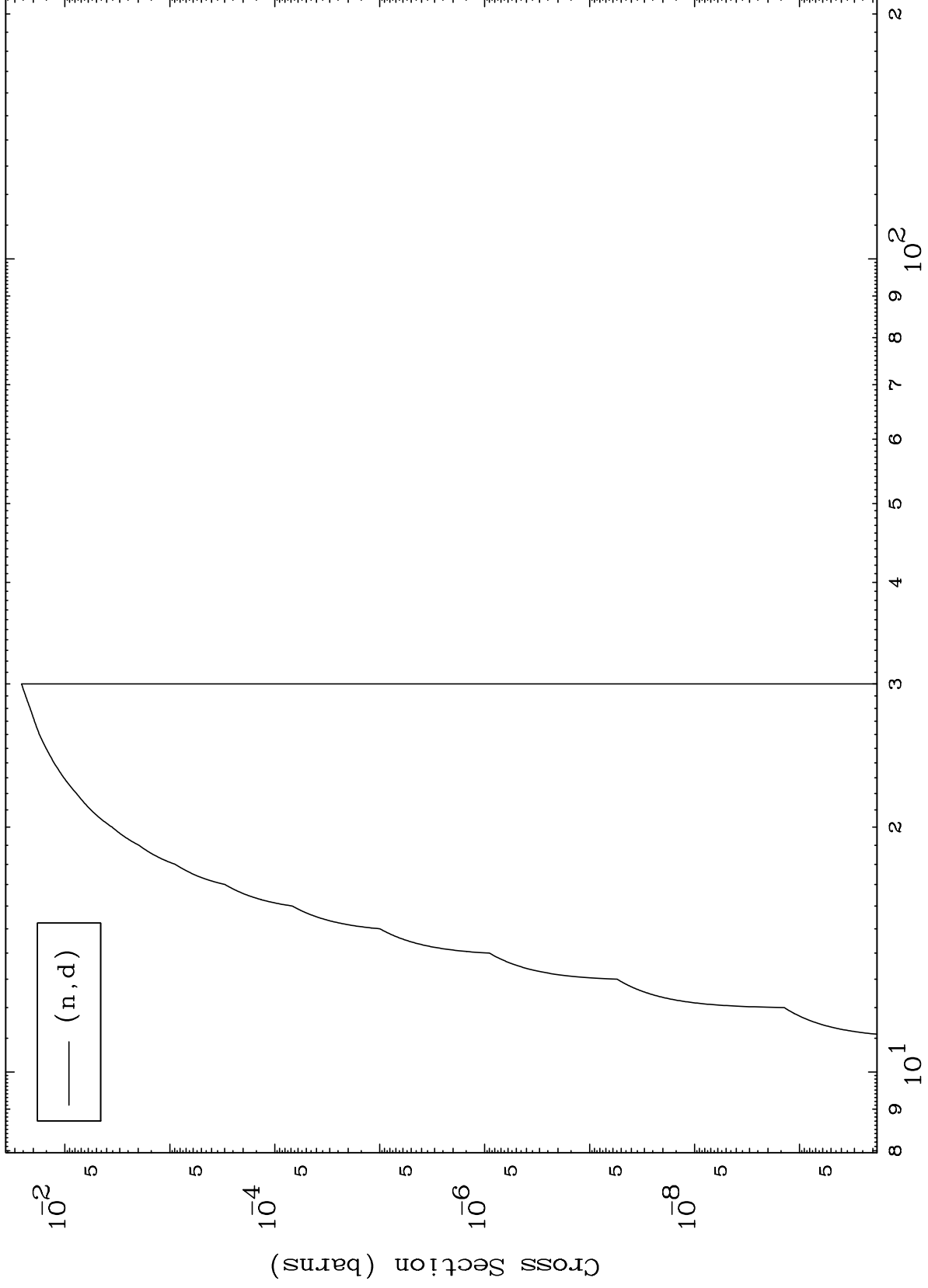
Incident Energy (MeV)

58-Ce-134

MAT 5819

(p,d) Levels
0 Kelvin Cross Sections

58-Ce-134



8

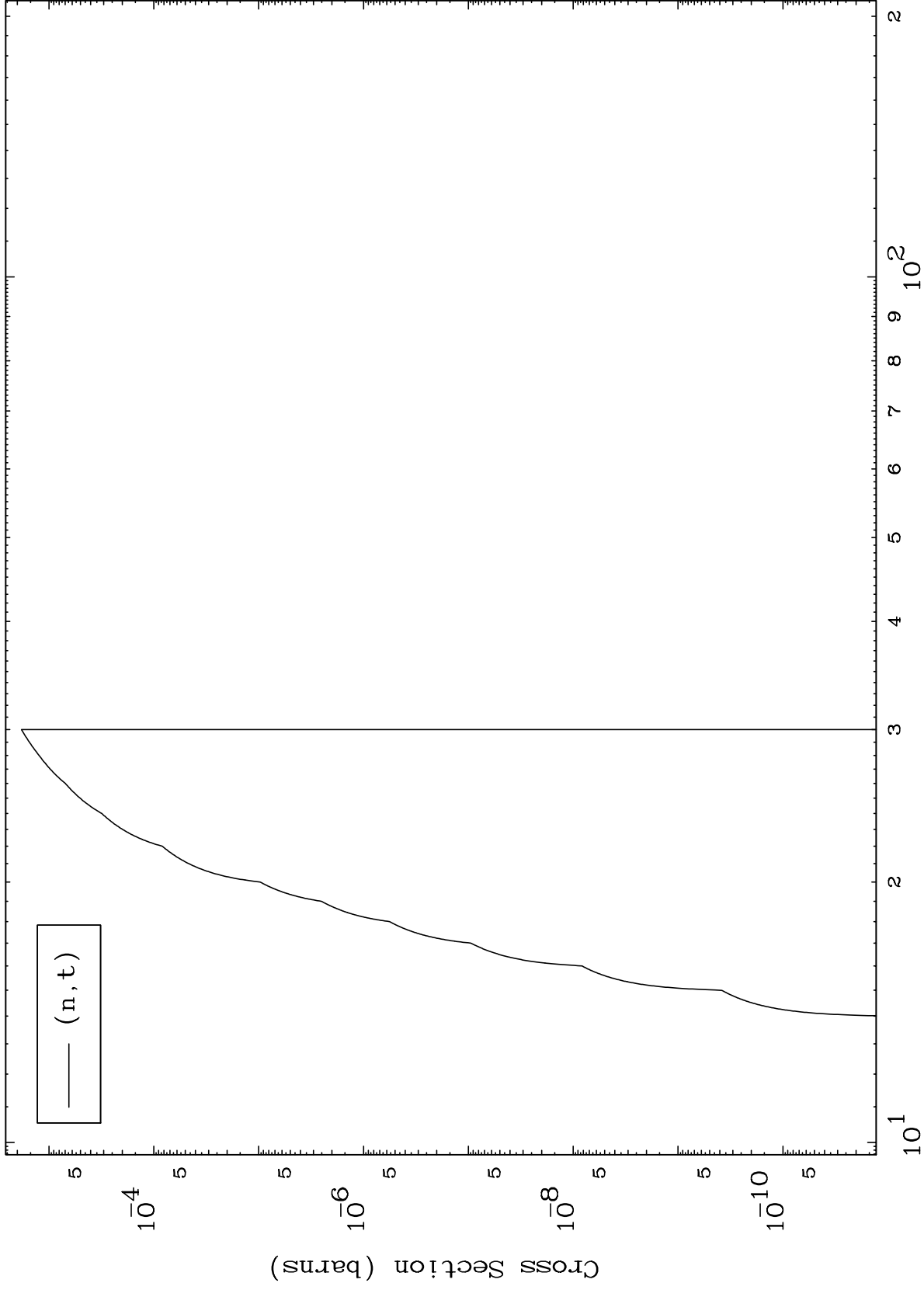
Incident Energy (MeV)

58-Ce-134

MAT 5819

(p,t) Levels
0 Kelvin Cross Sections

58-Ce-134



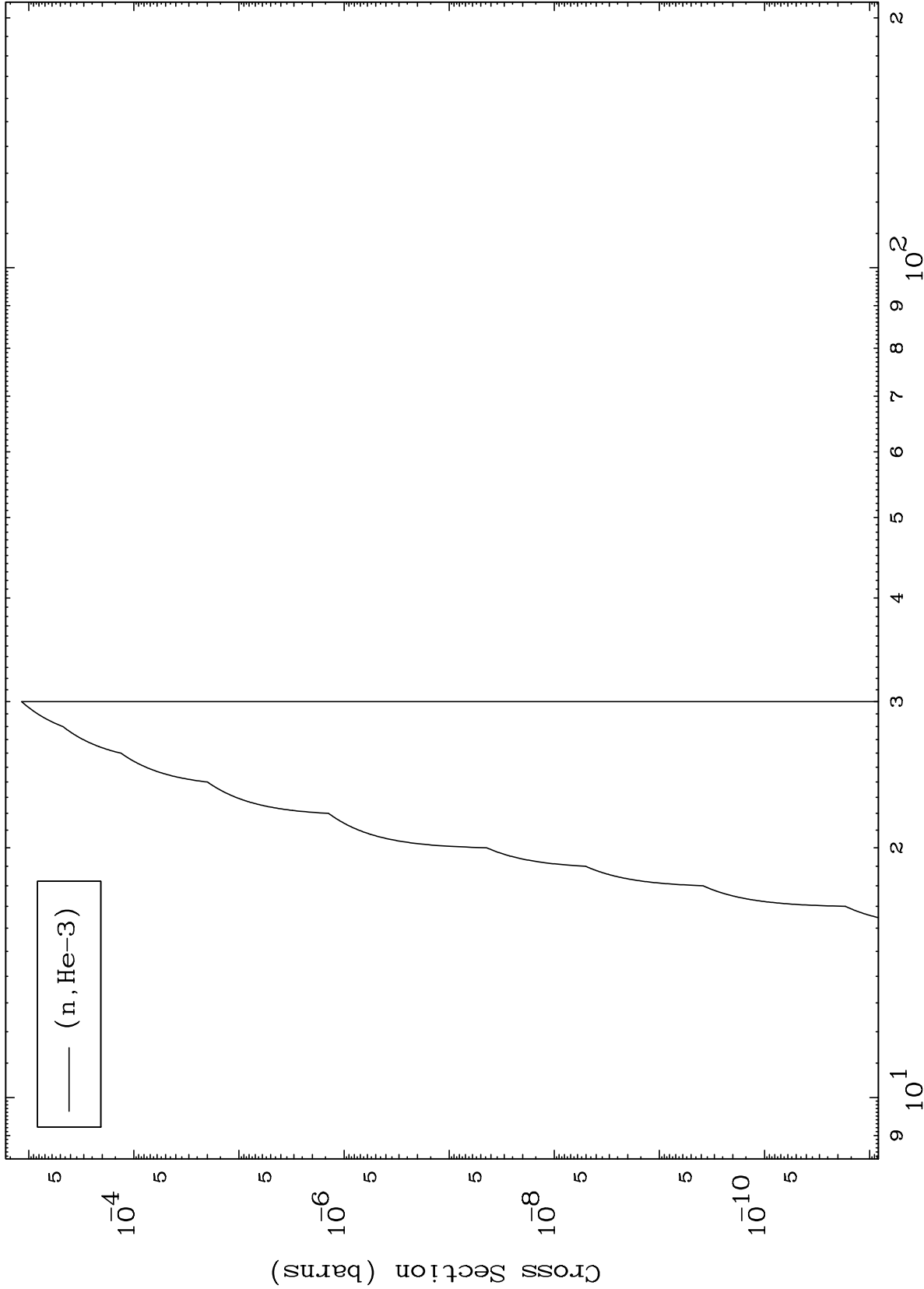
Incident Energy (MeV)

58-Ce-134

MAT 5819

(p,He3) Levels
0 Kelvin Cross Sections

58-Ce-134



10

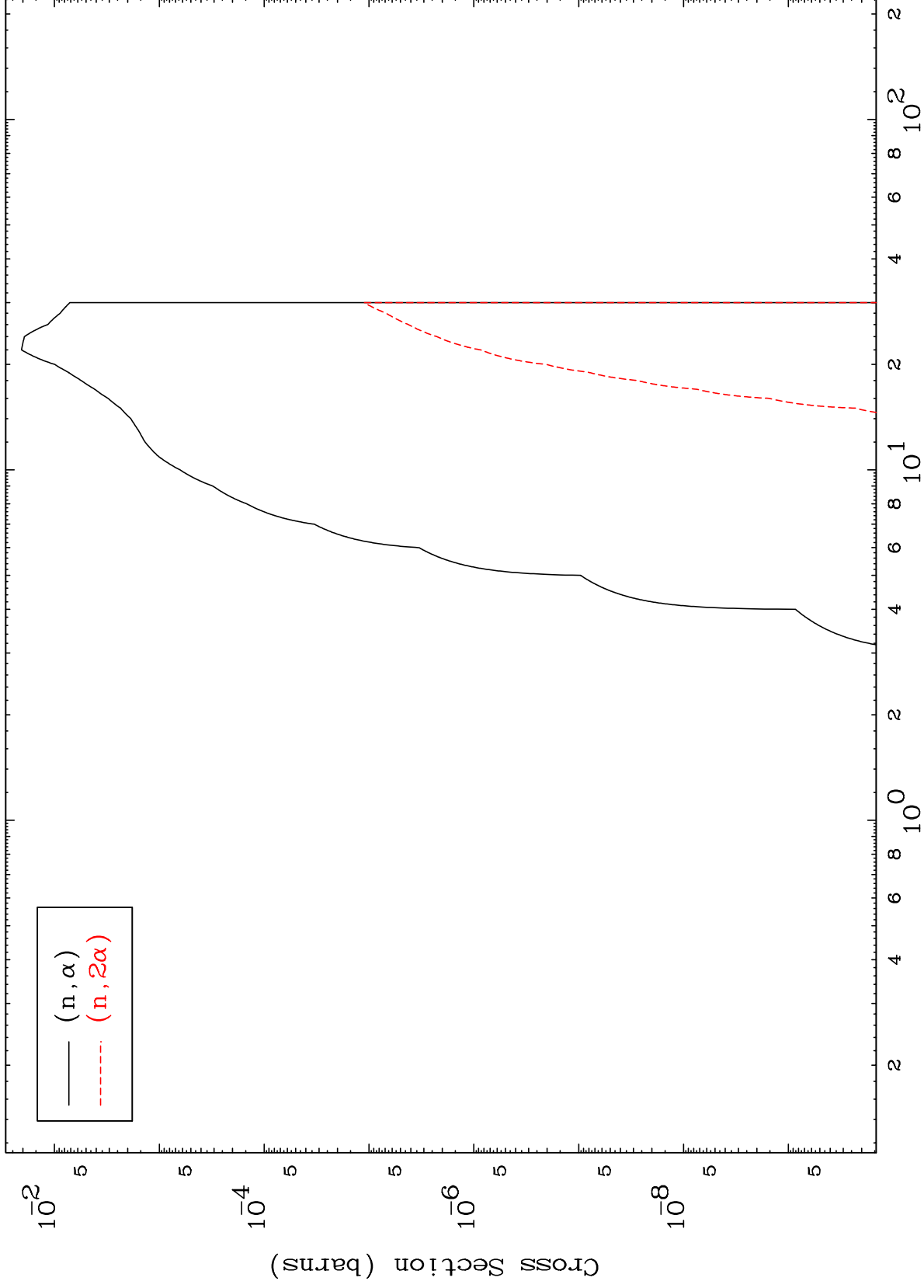
Incident Energy (MeV)

58-Ce-134

MAT 5819

(p, α) Levels
0 Kelvin Cross Sections

58-Ce-134



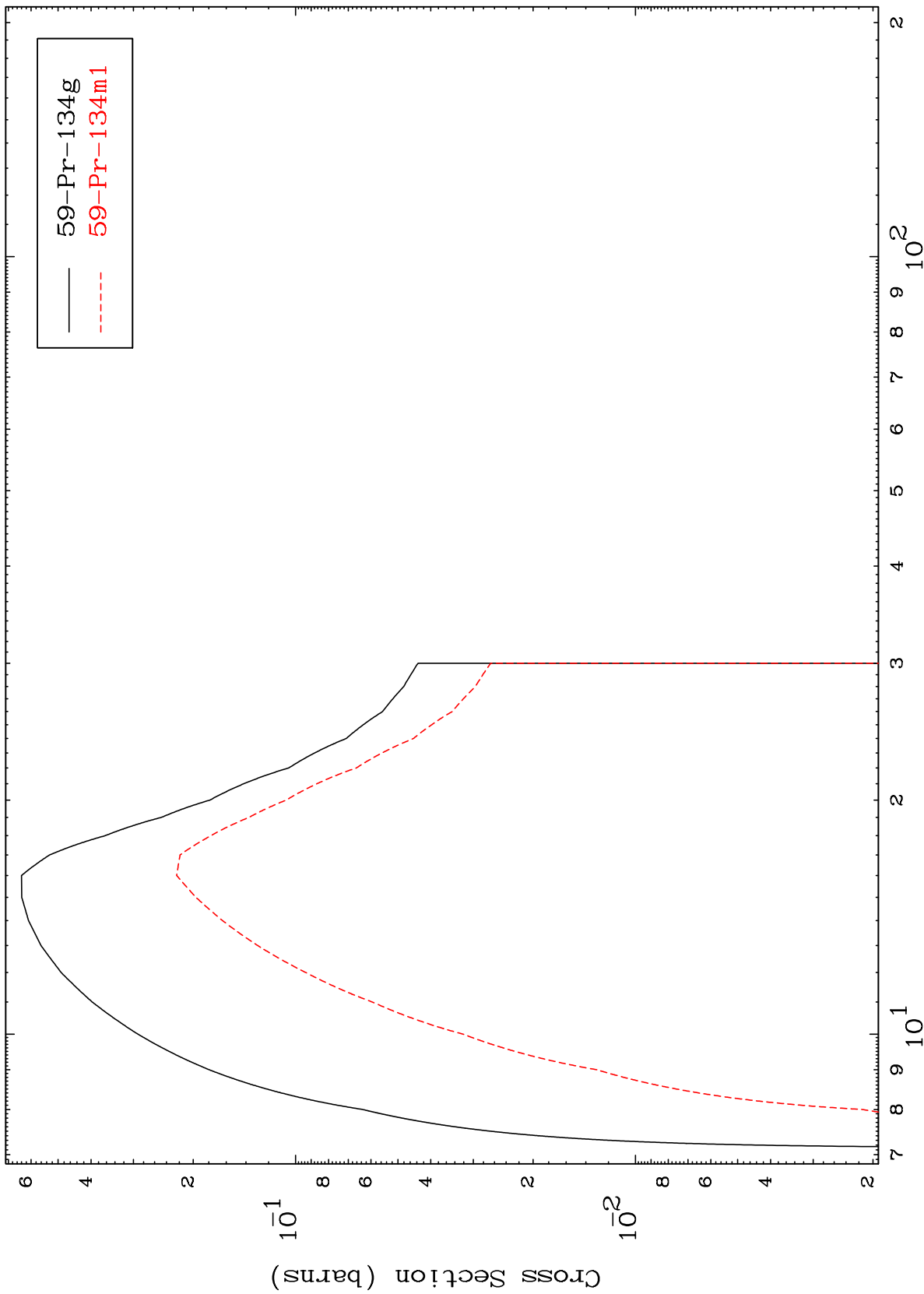
11

58-Ce-134

MAT 5819

58-Ce-134

Inelastic
Radionuclide Production Cross Section



58-Ce-134

Incident Energy (MeV)

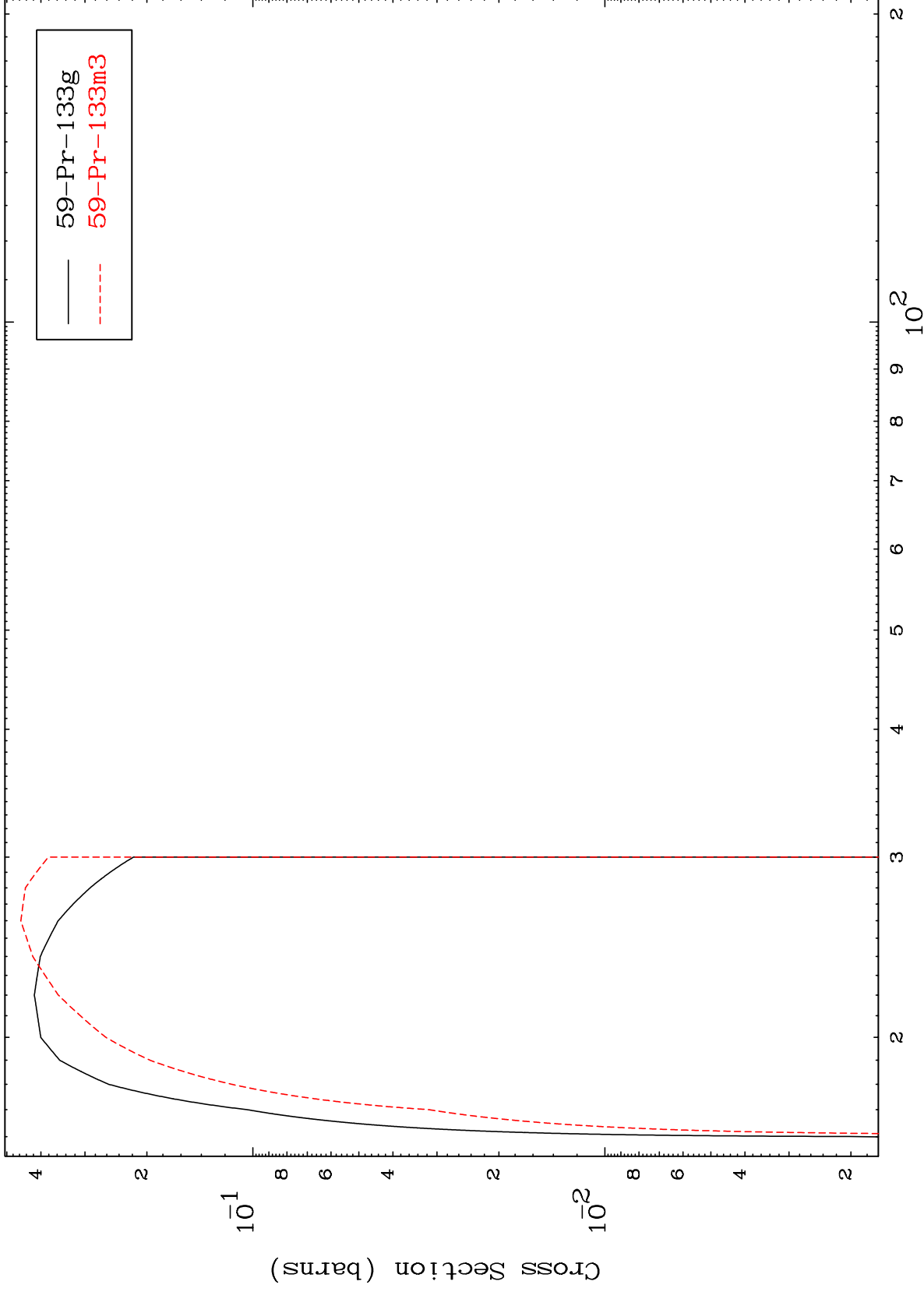
12

MAT 5819

(n,2n)

58-Ce-134

Radionuclide Production Cross Section



13

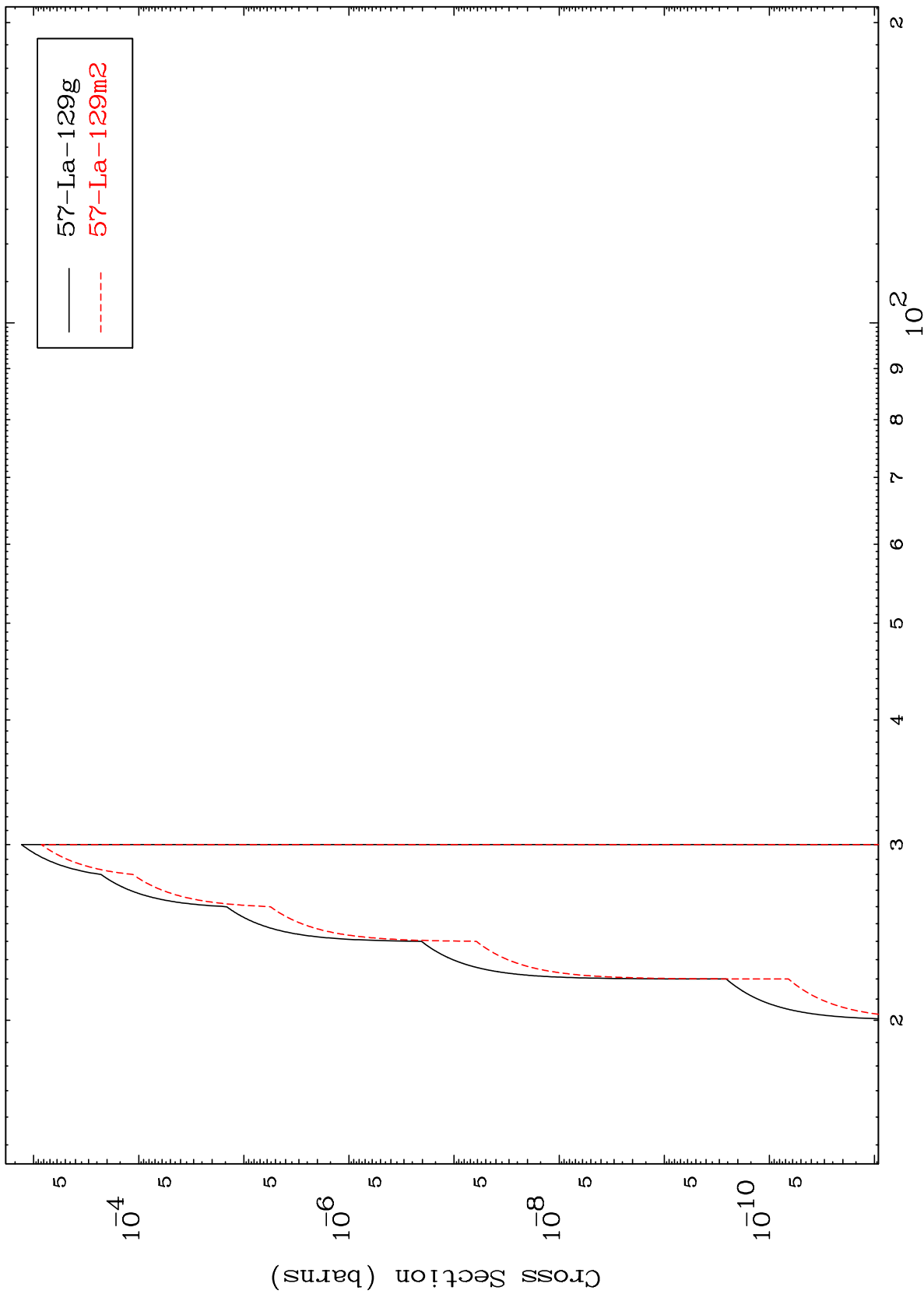
Incident Energy (MeV)

58-Ce-134

MAT 5819

58-Ce-134

$(n,2n) \alpha$
Radionuclide Production Cross Section



58-Ce-134

Incident Energy (MeV)

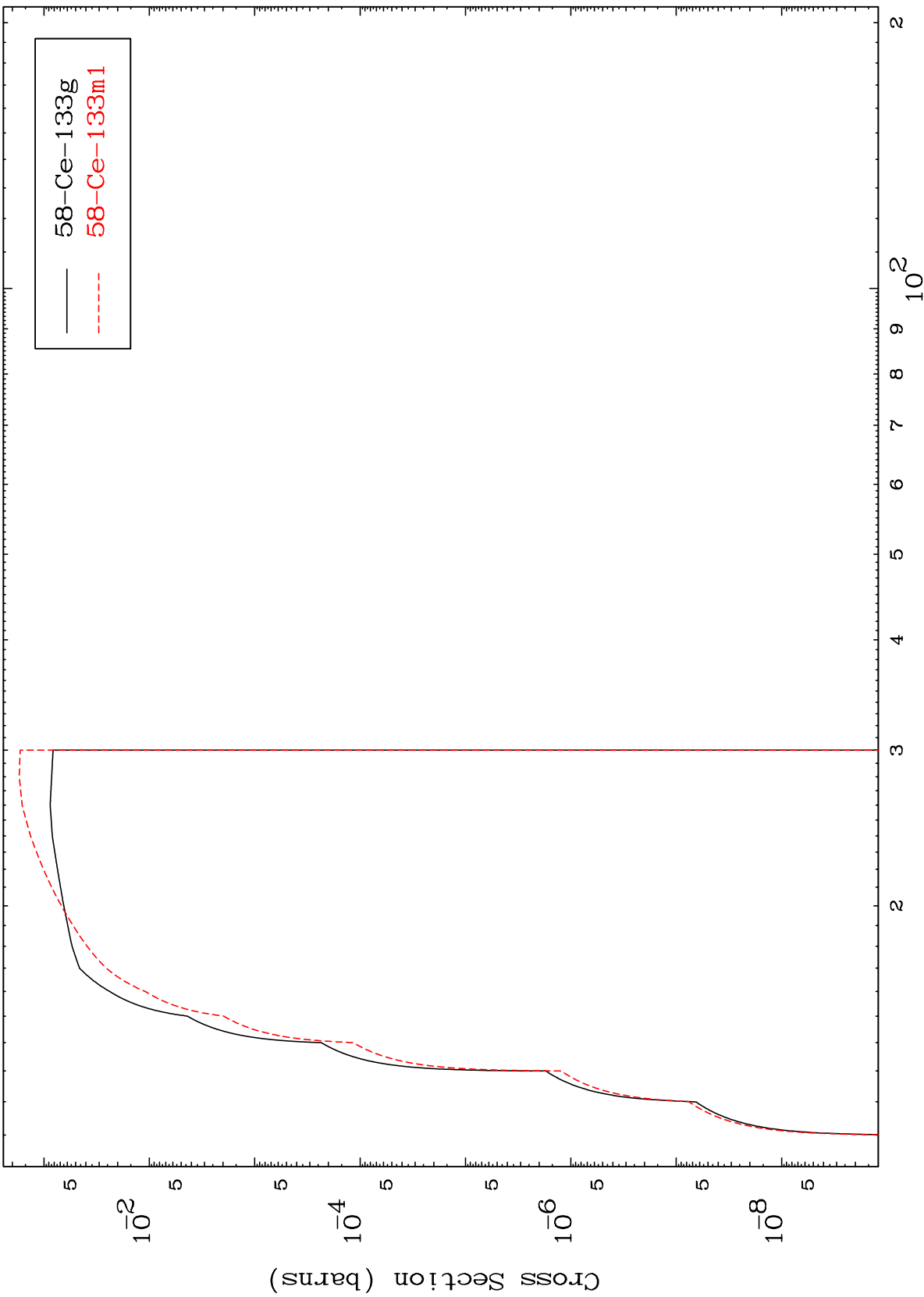
14

MAT 5819

(n,n') p

58-Ce-134

Radionuclide Production Cross Section



15

Incident Energy (MeV)

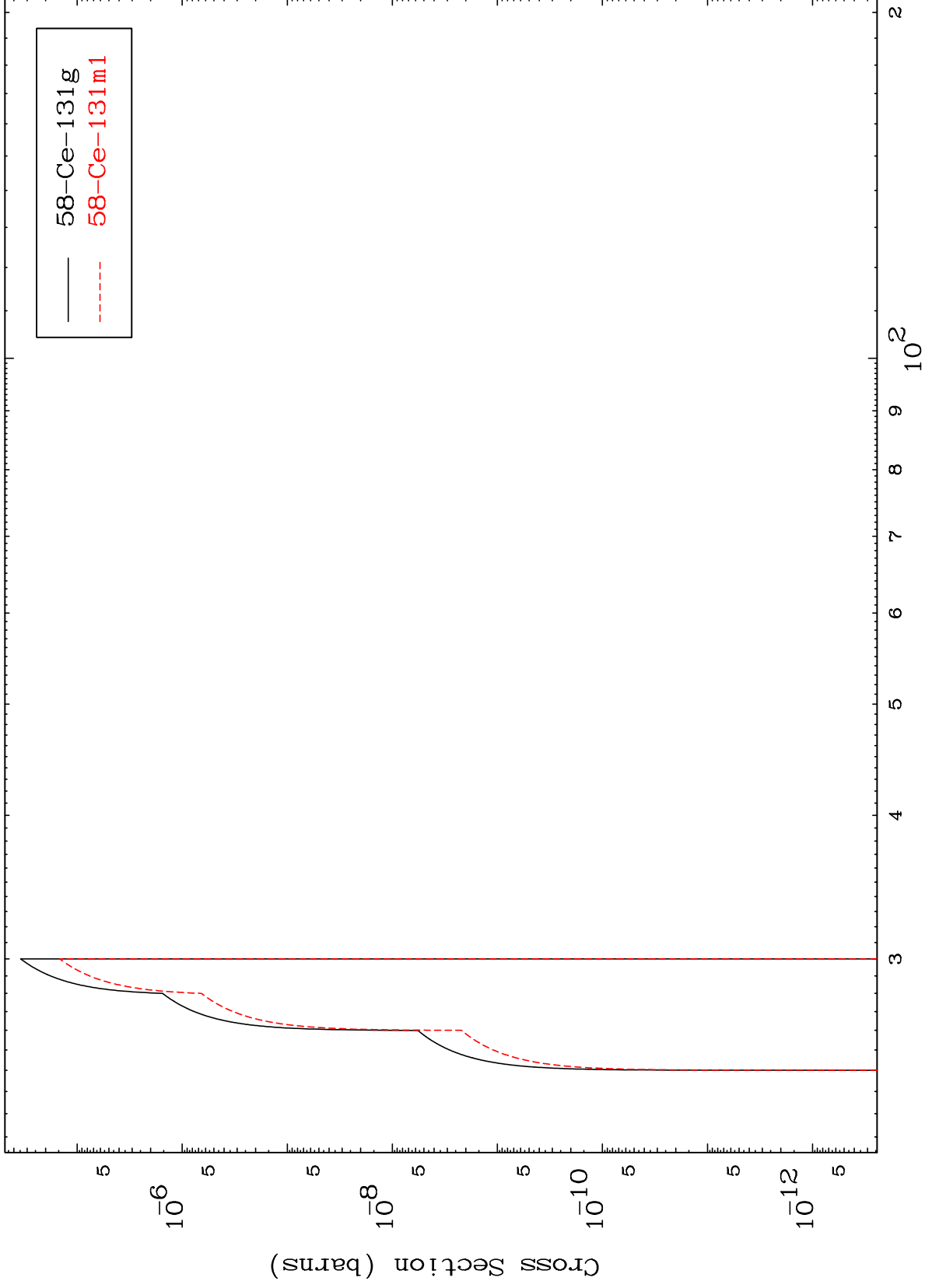
58-Ce-134

MAT 5819

(n,n') t

58-Ce-134

Radionuclide Production Cross Section



16

Incident Energy (MeV)

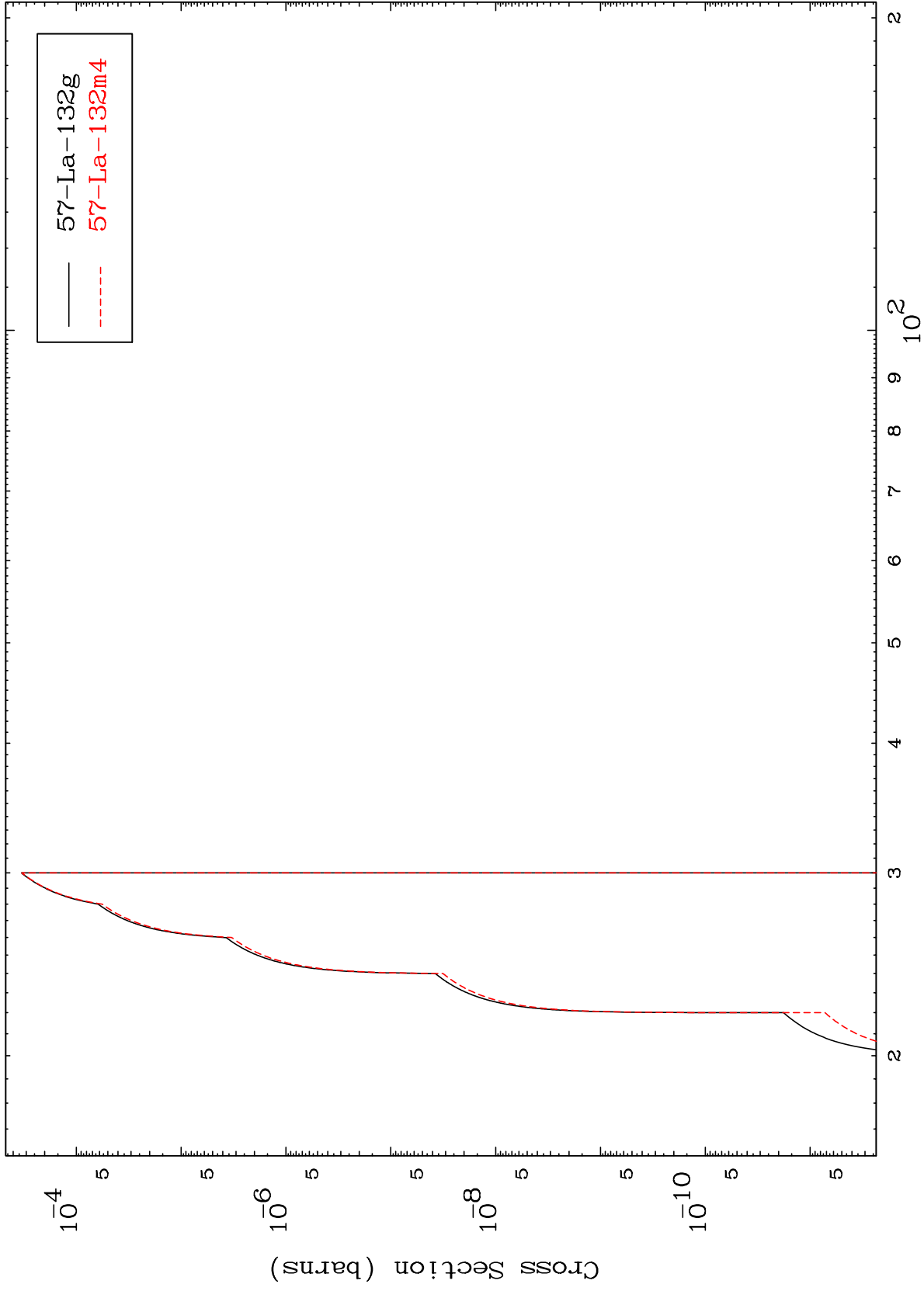
58-Ce-134

MAT 5819

(n,2n) p

58-Ce-134

Radionuclide Production Cross Section



17

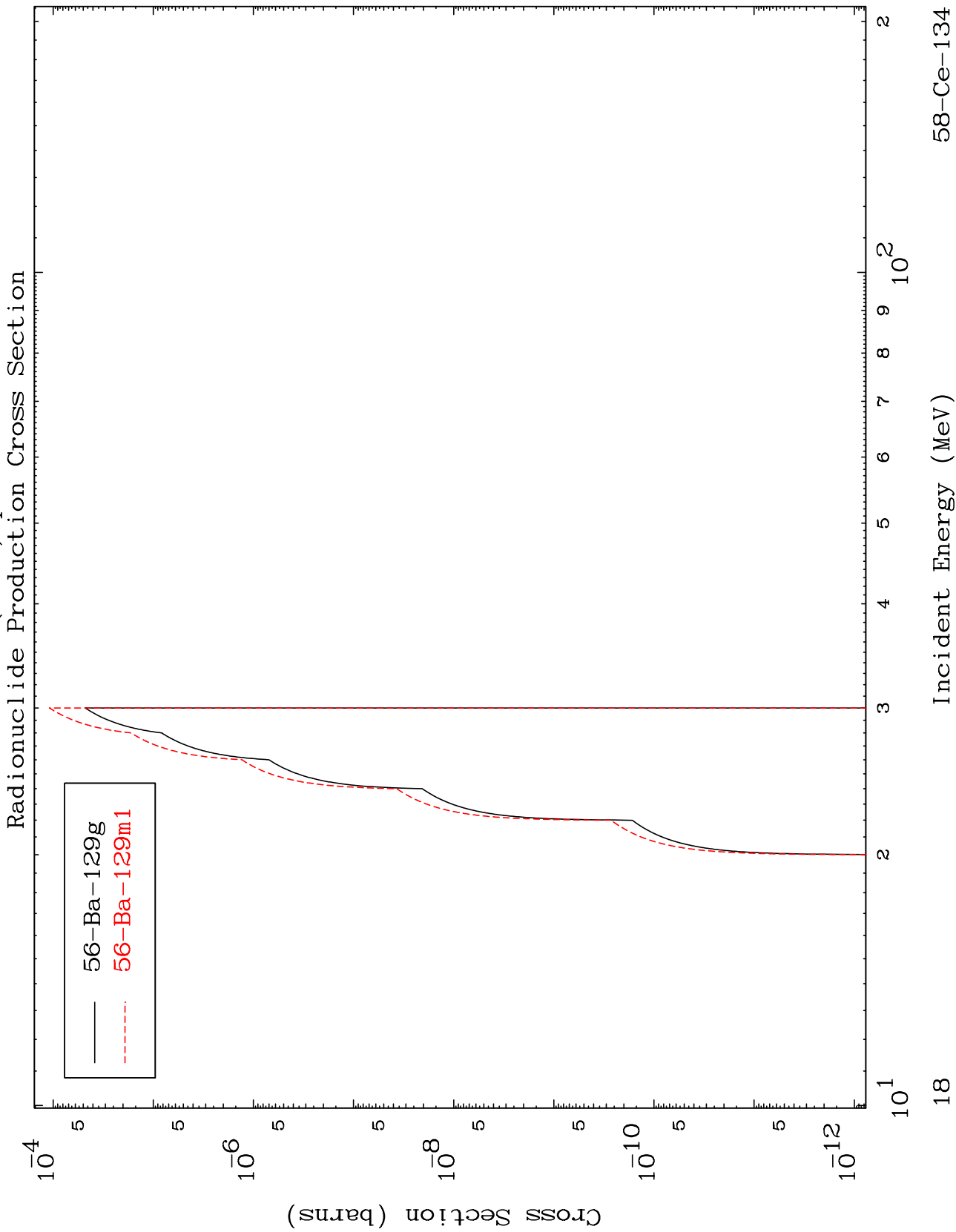
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n,n') p α

58-Ce-134

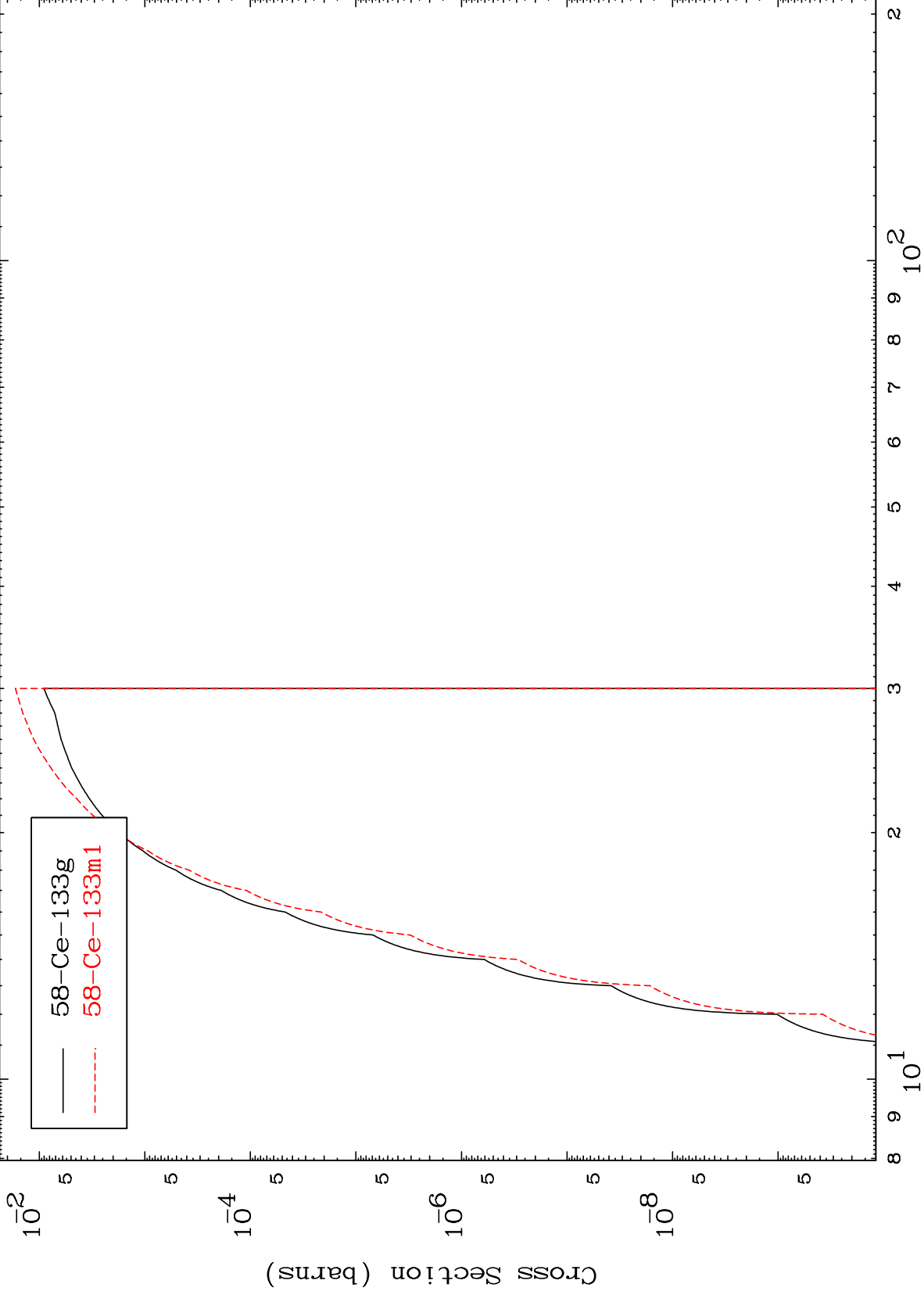


MAT 5819

(n,d)

58-Ce-134

Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

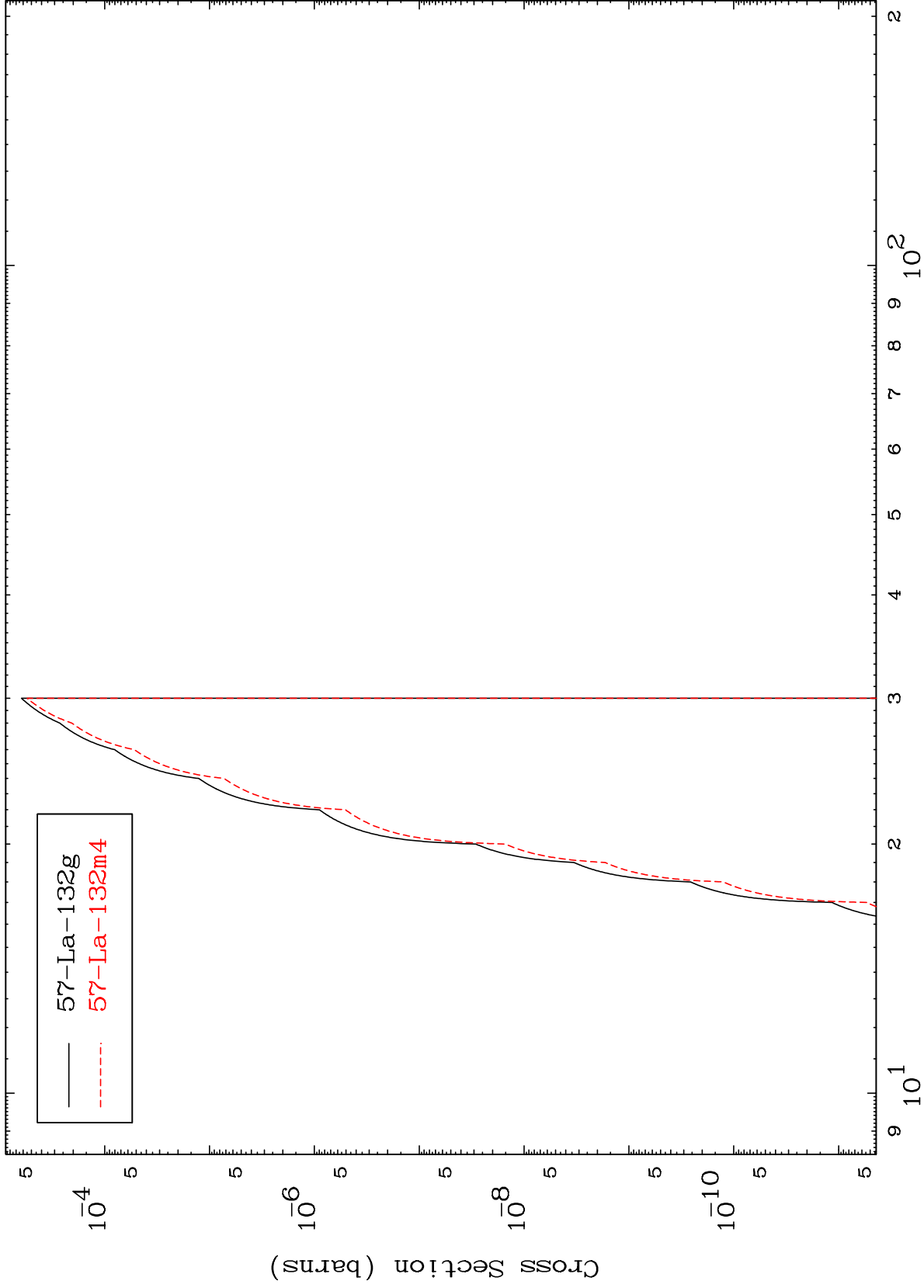
58-Ce-134

MAT 5819

(n,He-3)

58-Ce-134

Radionuclide Production Cross Section

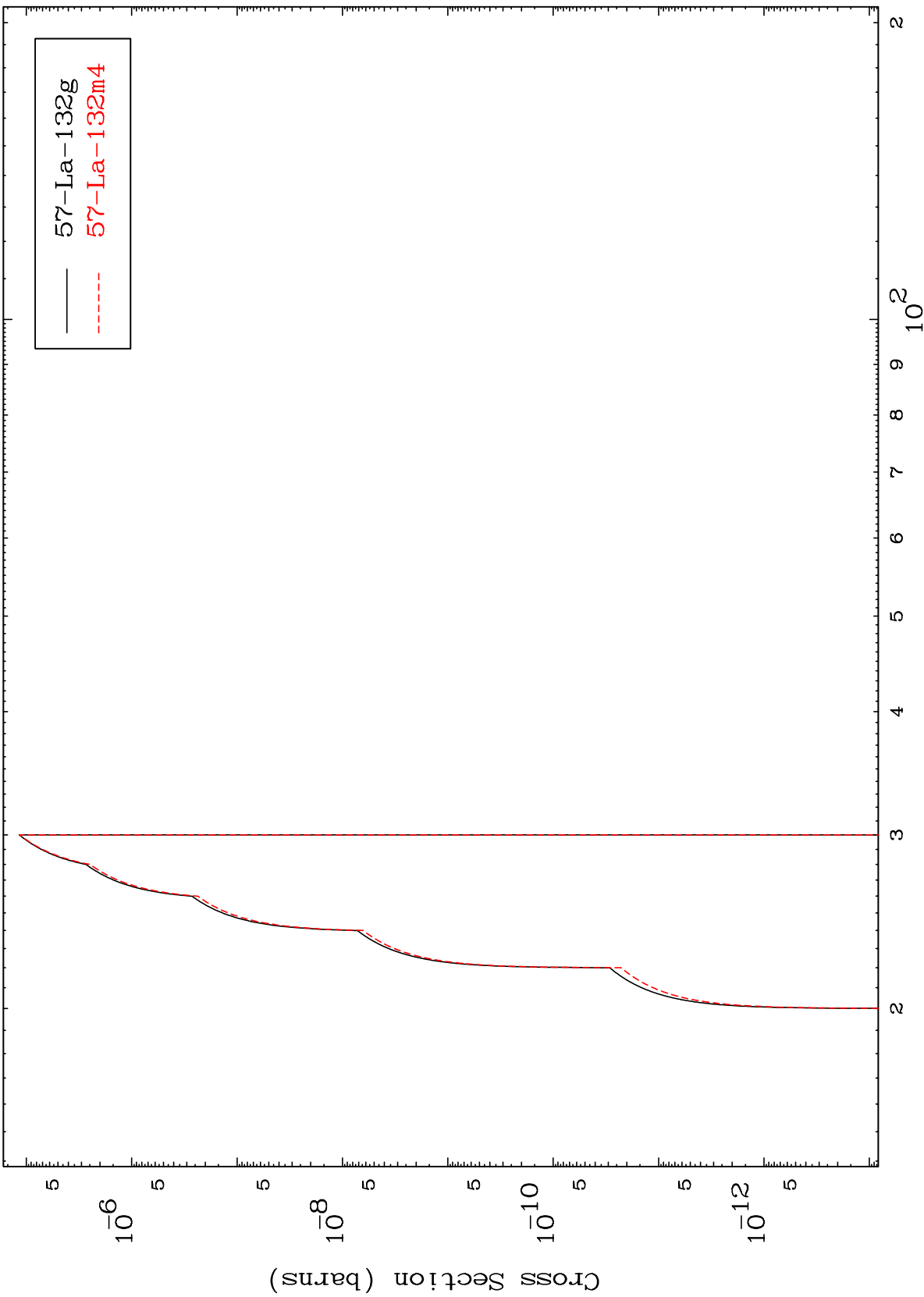


20

Incident Energy (MeV)

58-Ce-134

Radionuclide Production Cross Section

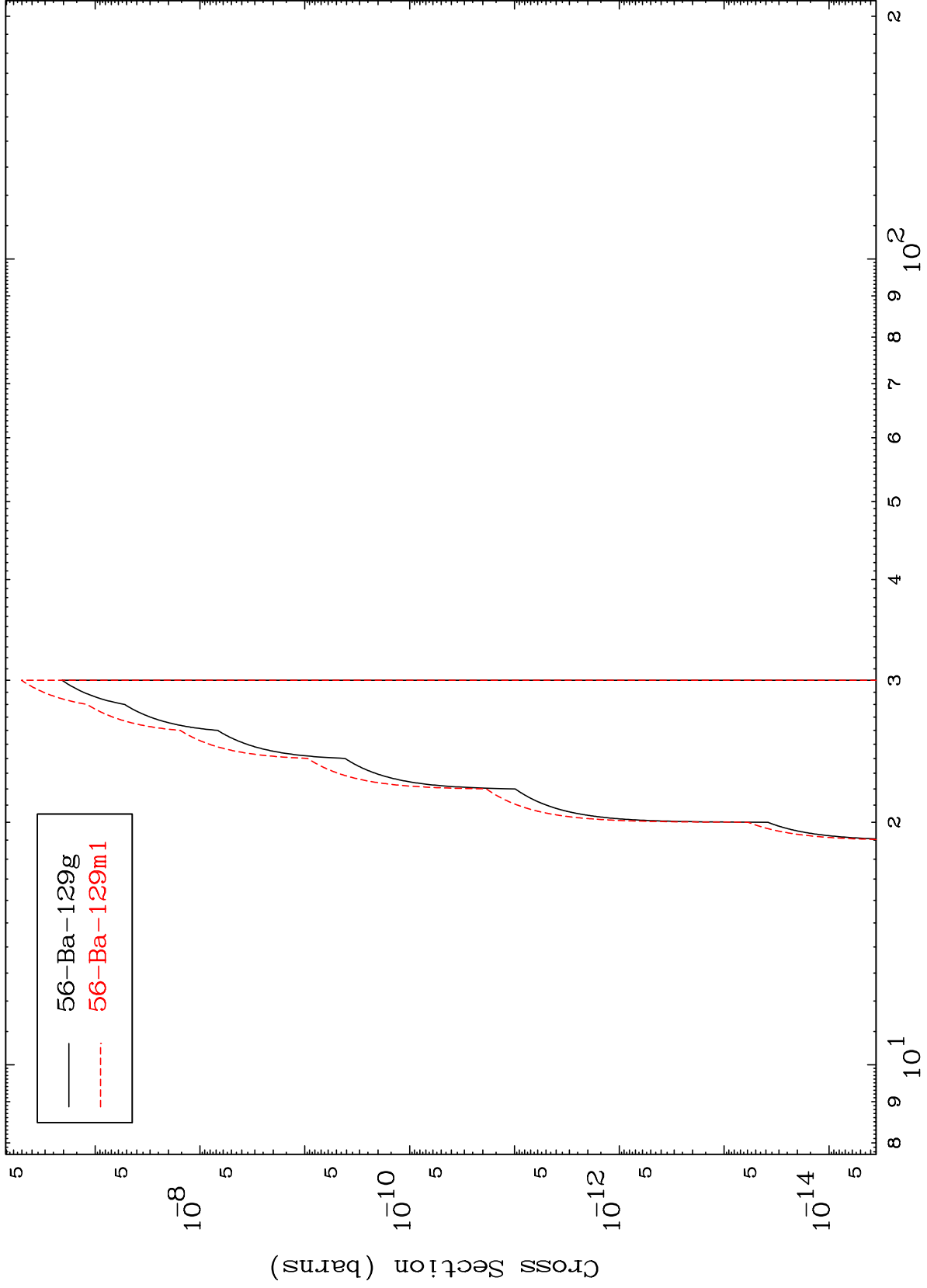


MAT 5819

(n,d) α

58-Ce-134

Radionuclide Production Cross Section



22

Incident Energy (MeV)

58-Ce-134