

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

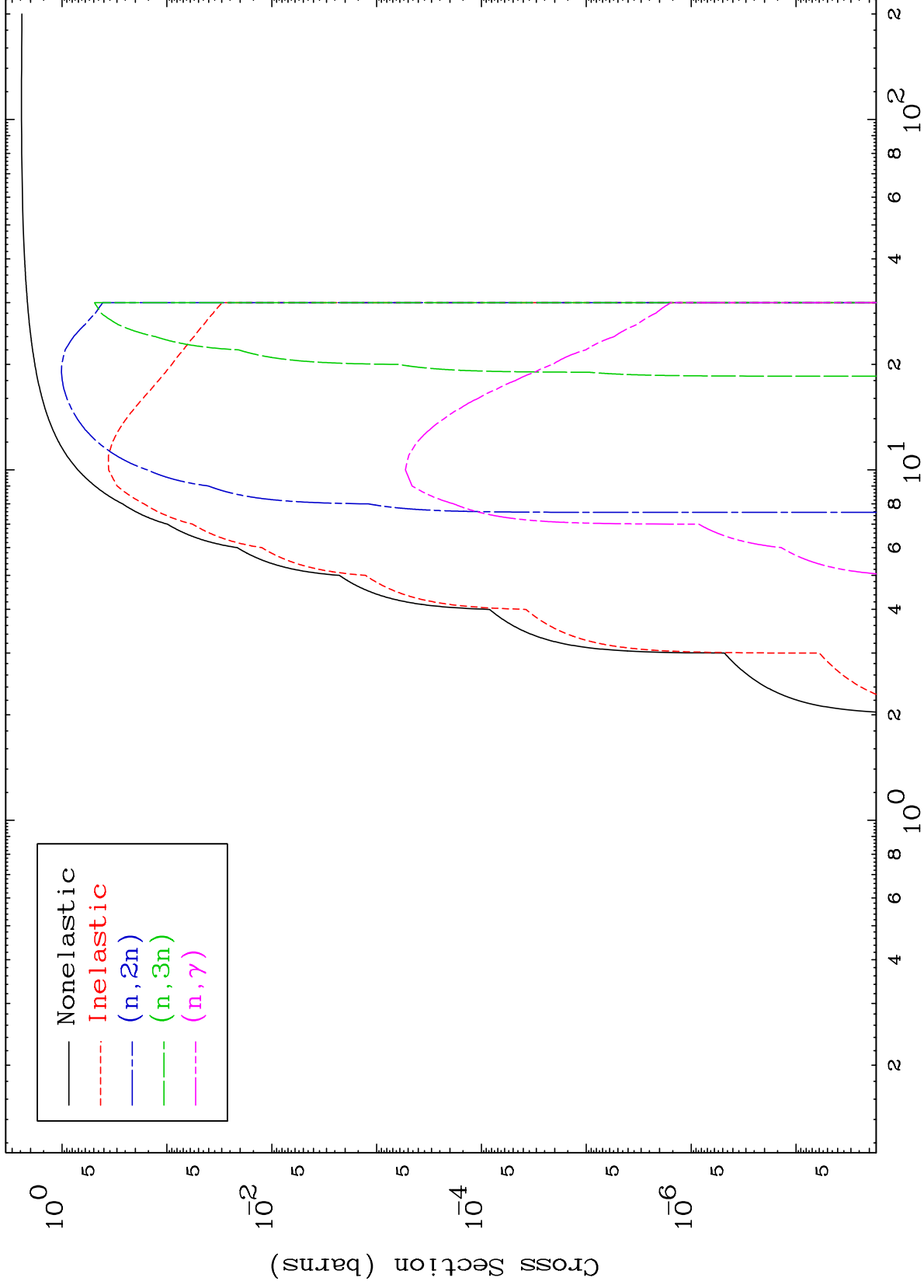
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

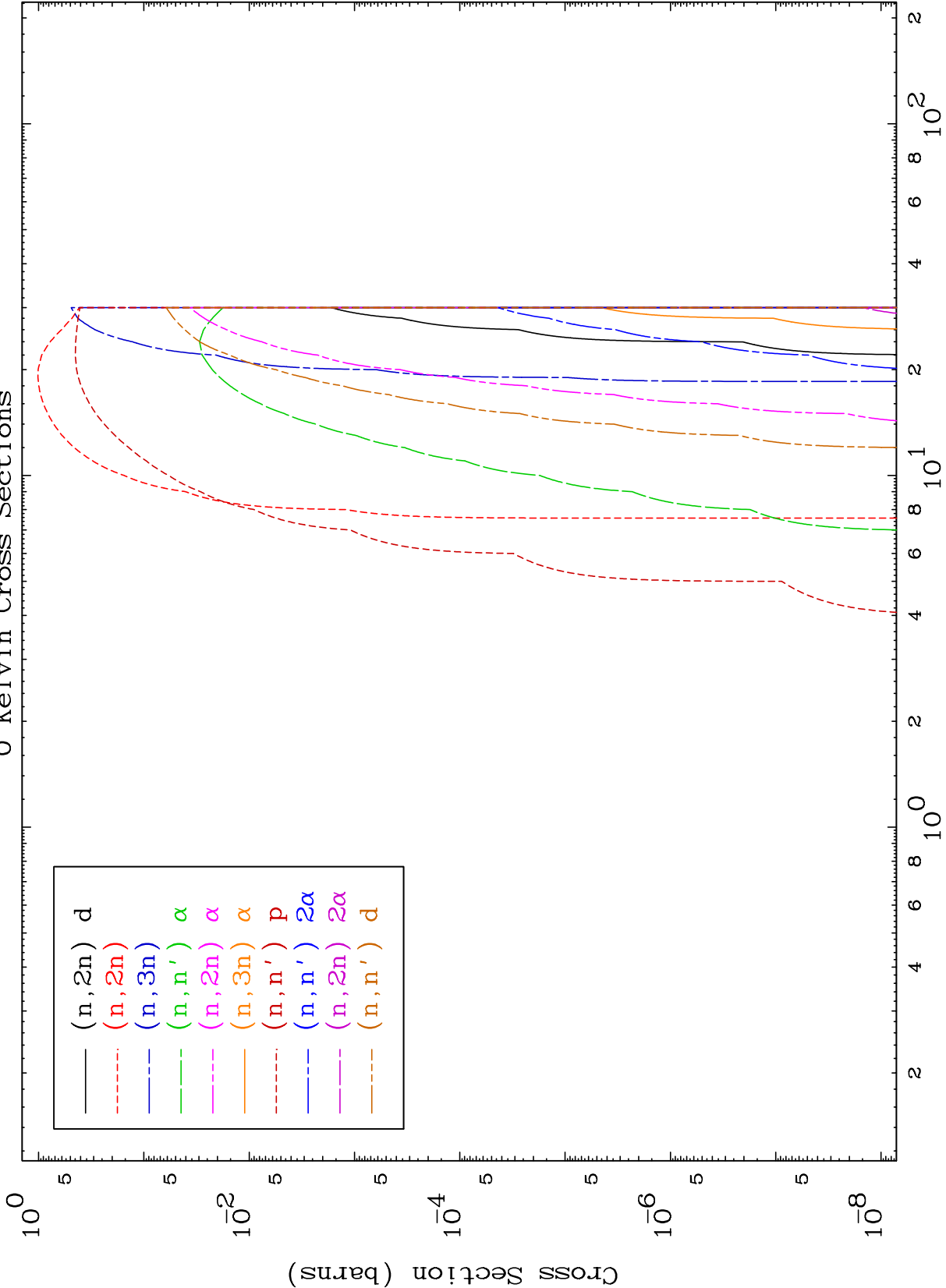
Tele: 925-443-1911

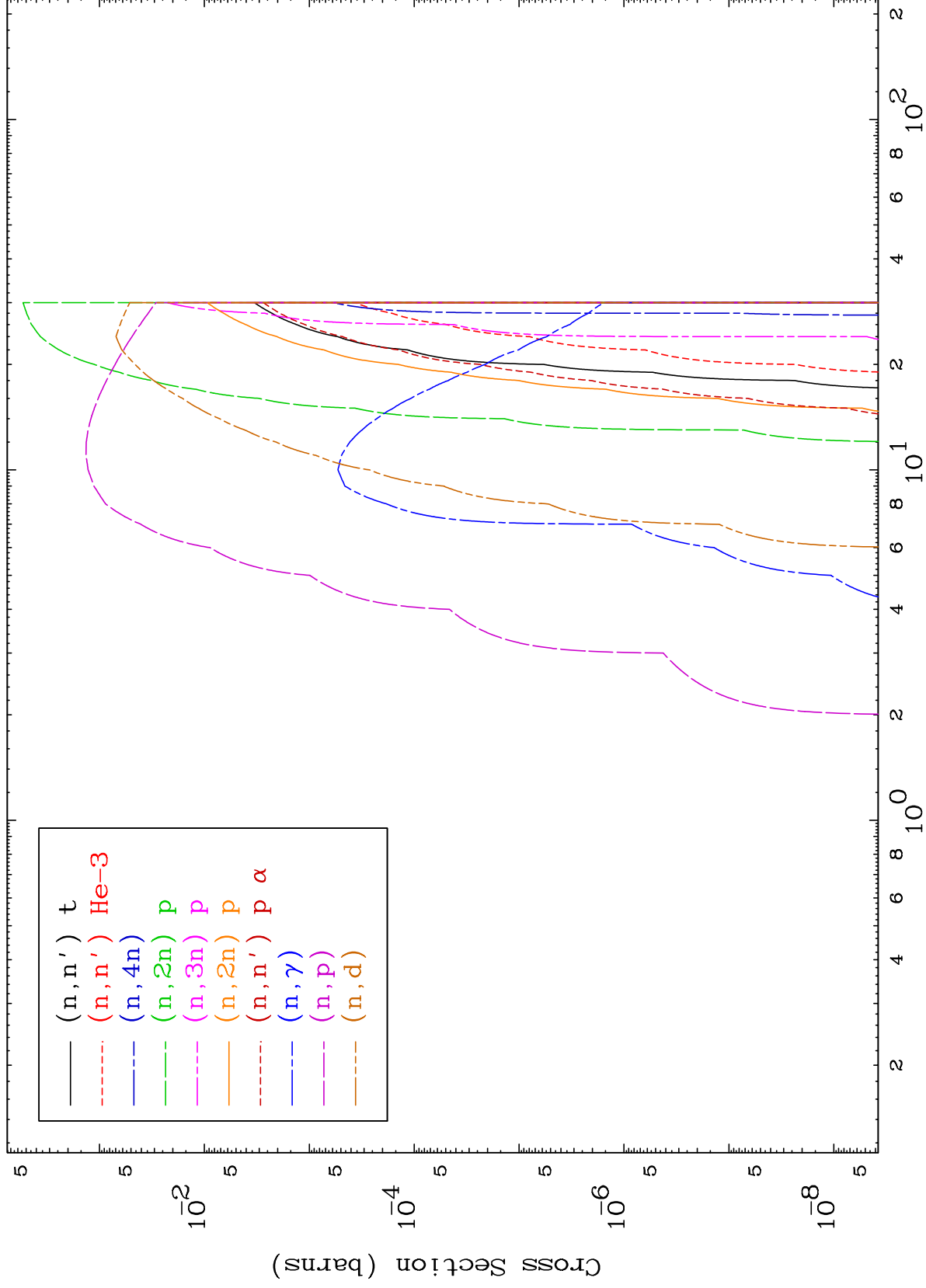
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

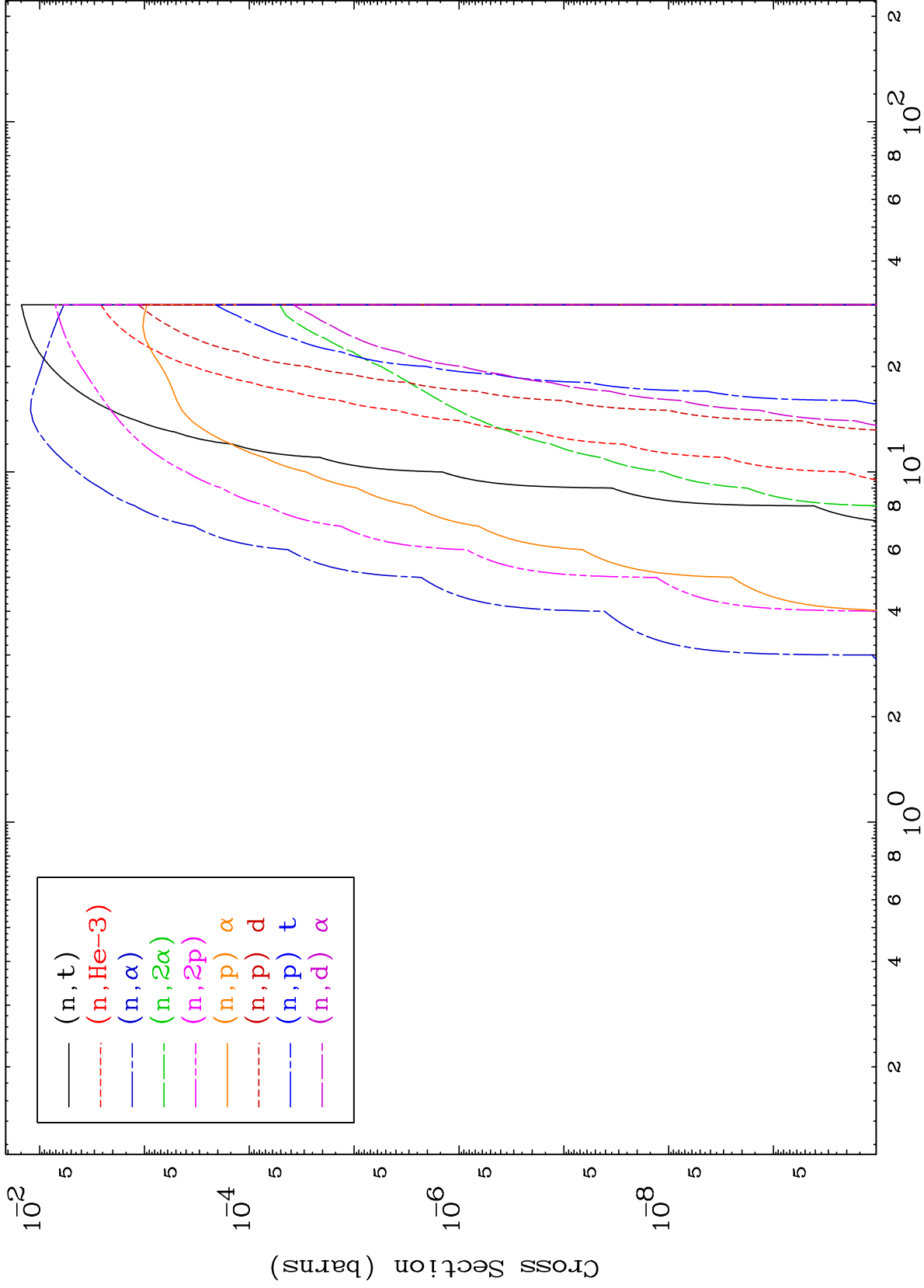
Press Mouse Button to Start

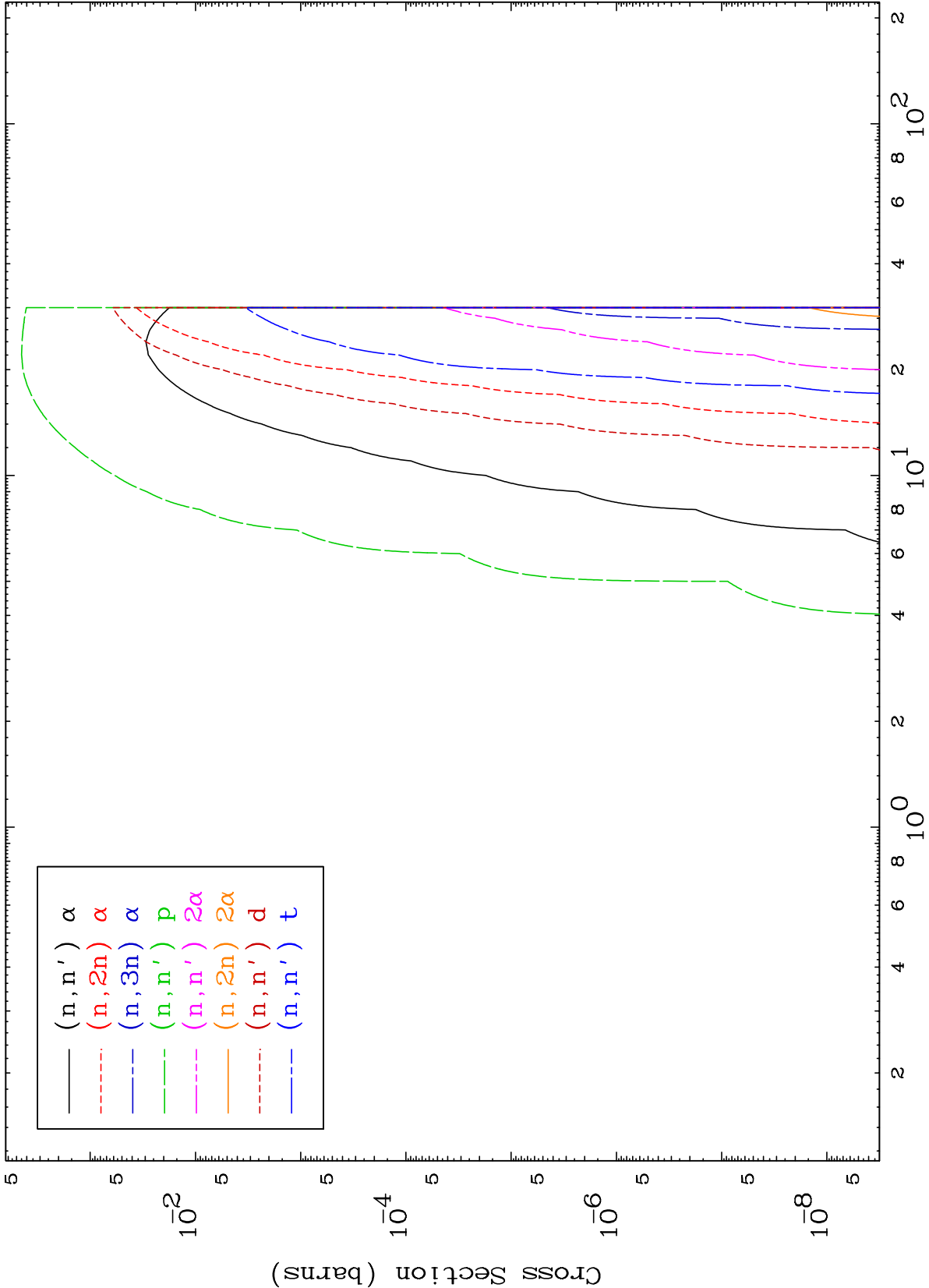
0 Kelvin Cross Sections

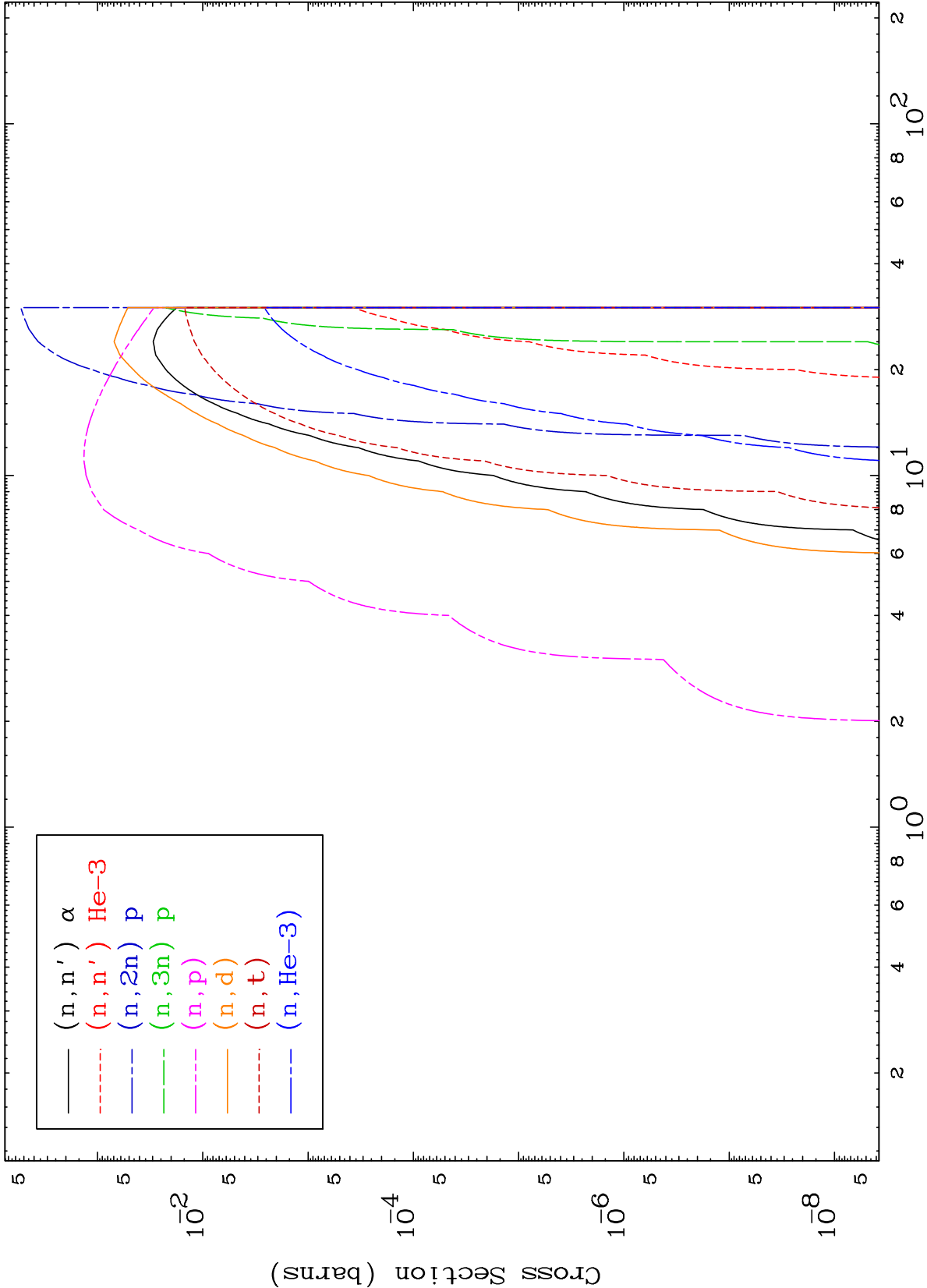


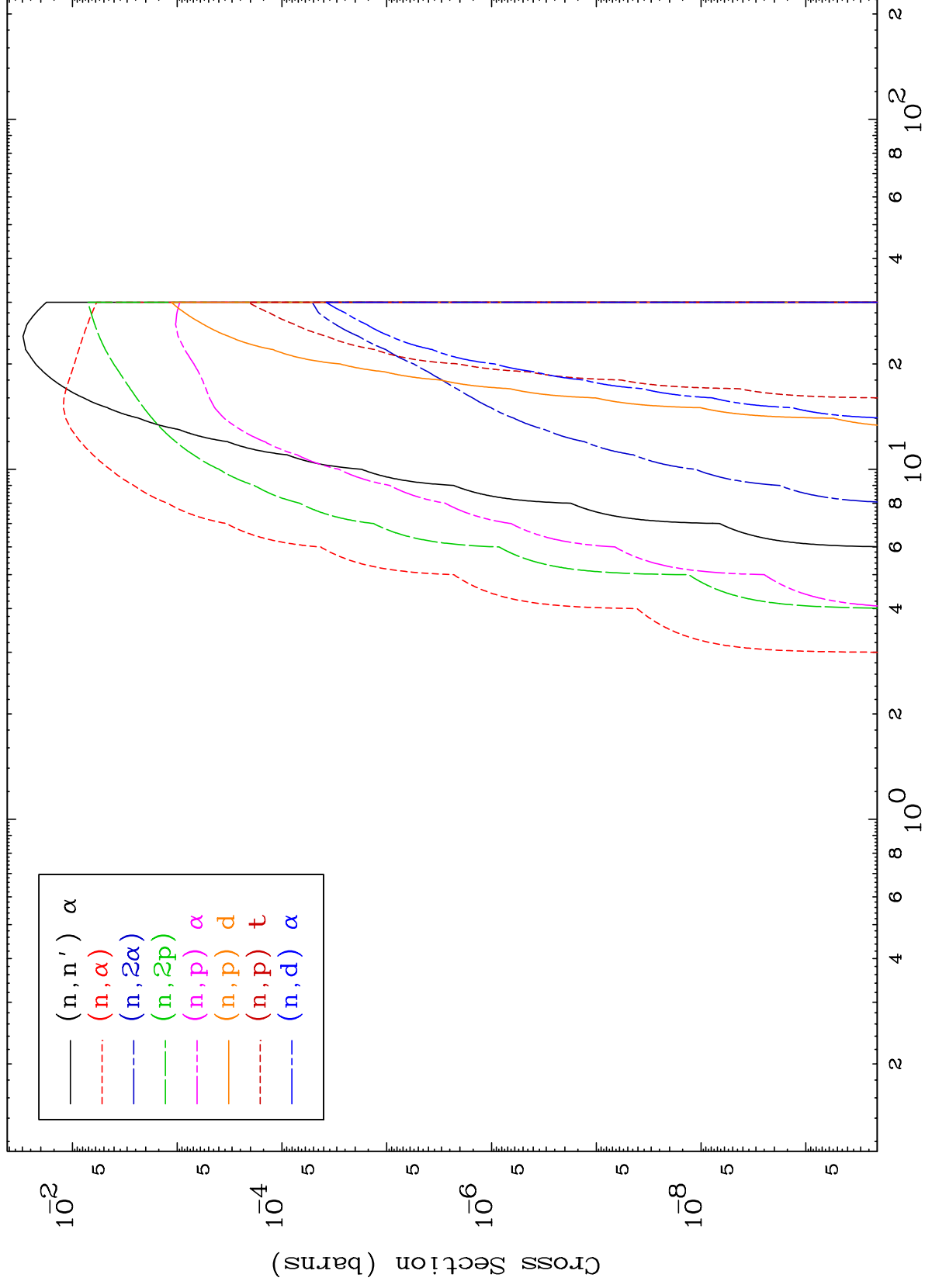










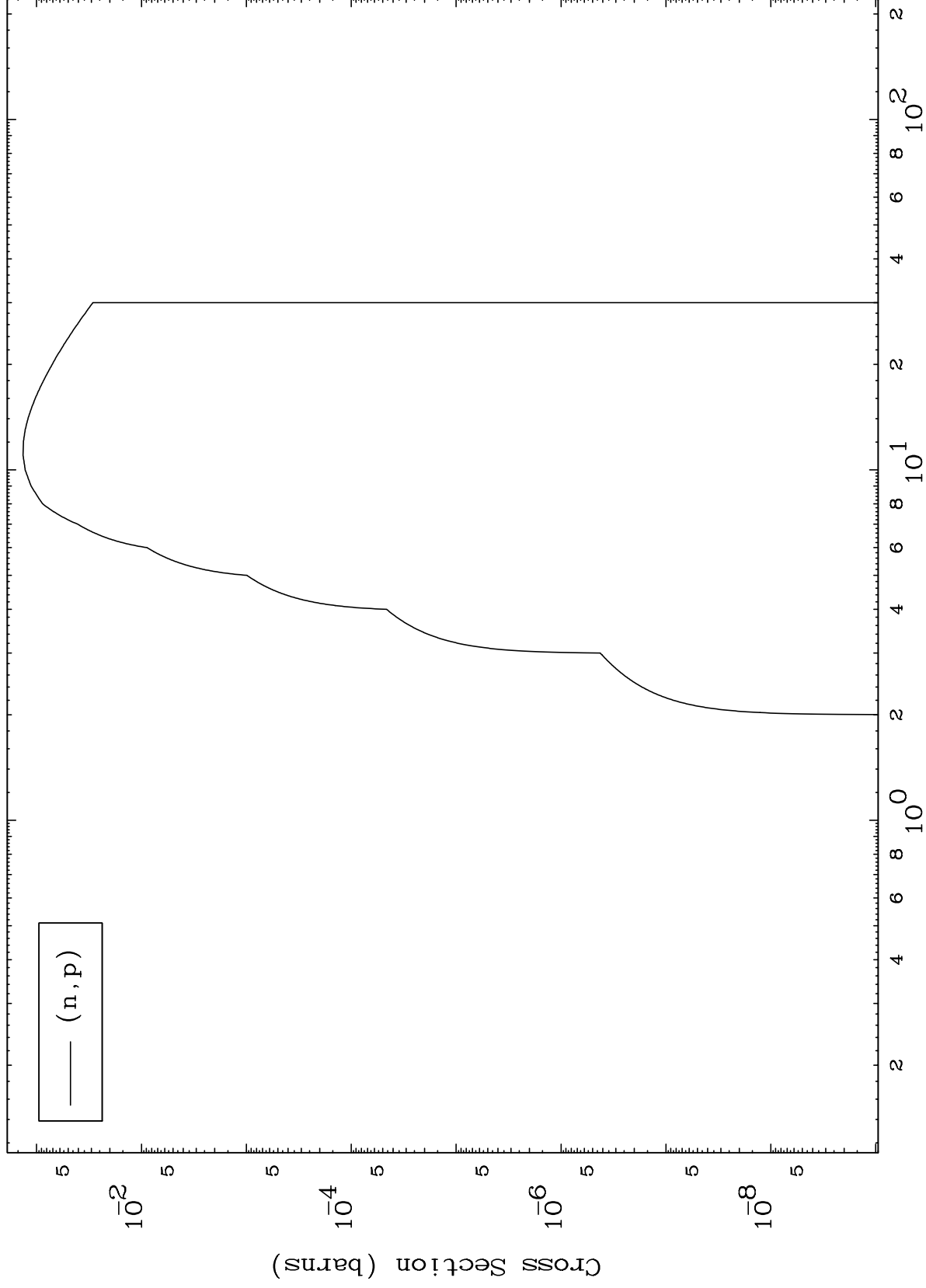


MAT 5817

(d,p) Levels

58-Ce-133m

0 Kelvin Cross Sections



8

Incident Energy (MeV)

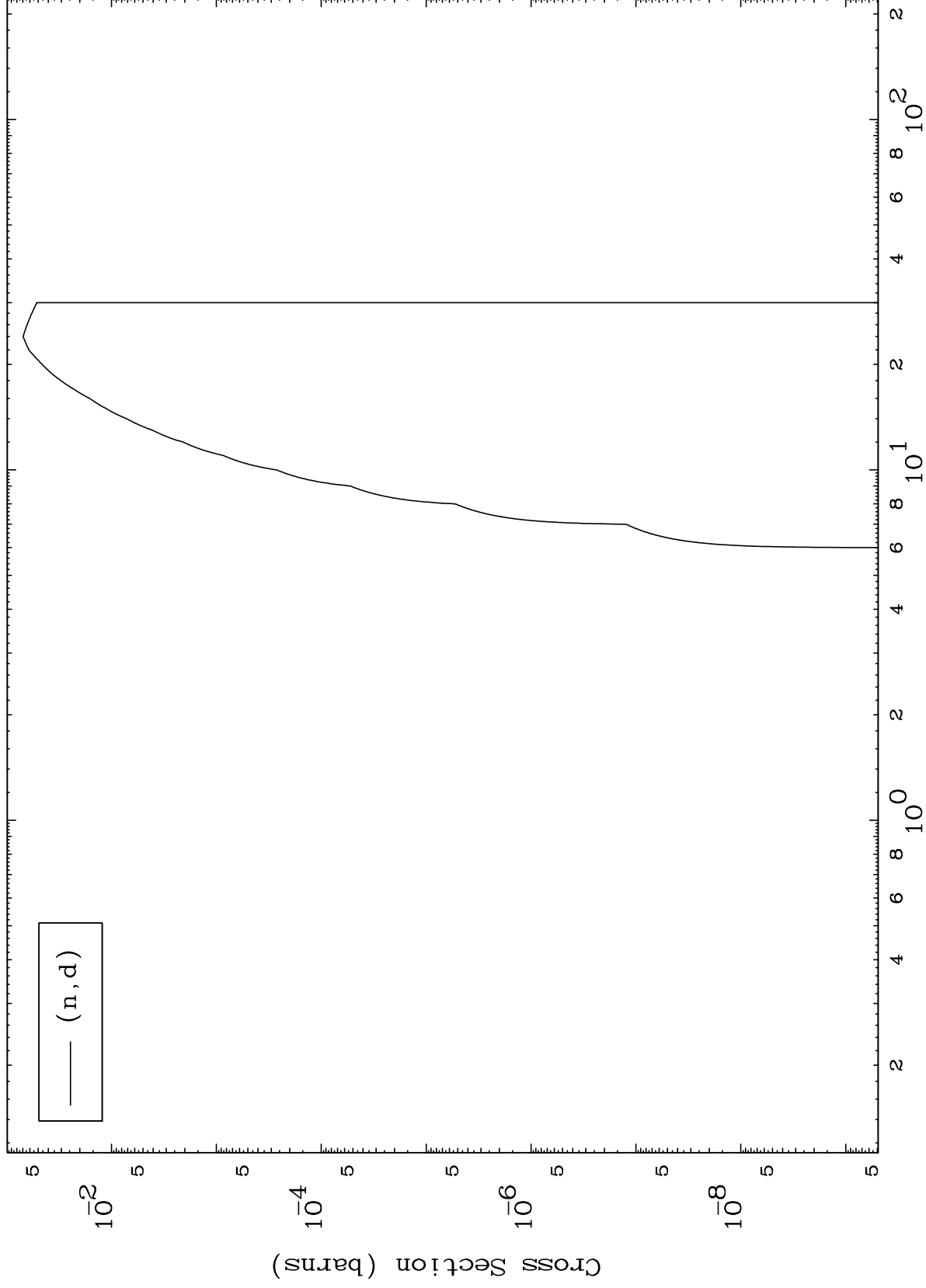
58-Ce-133m

MAT 5817

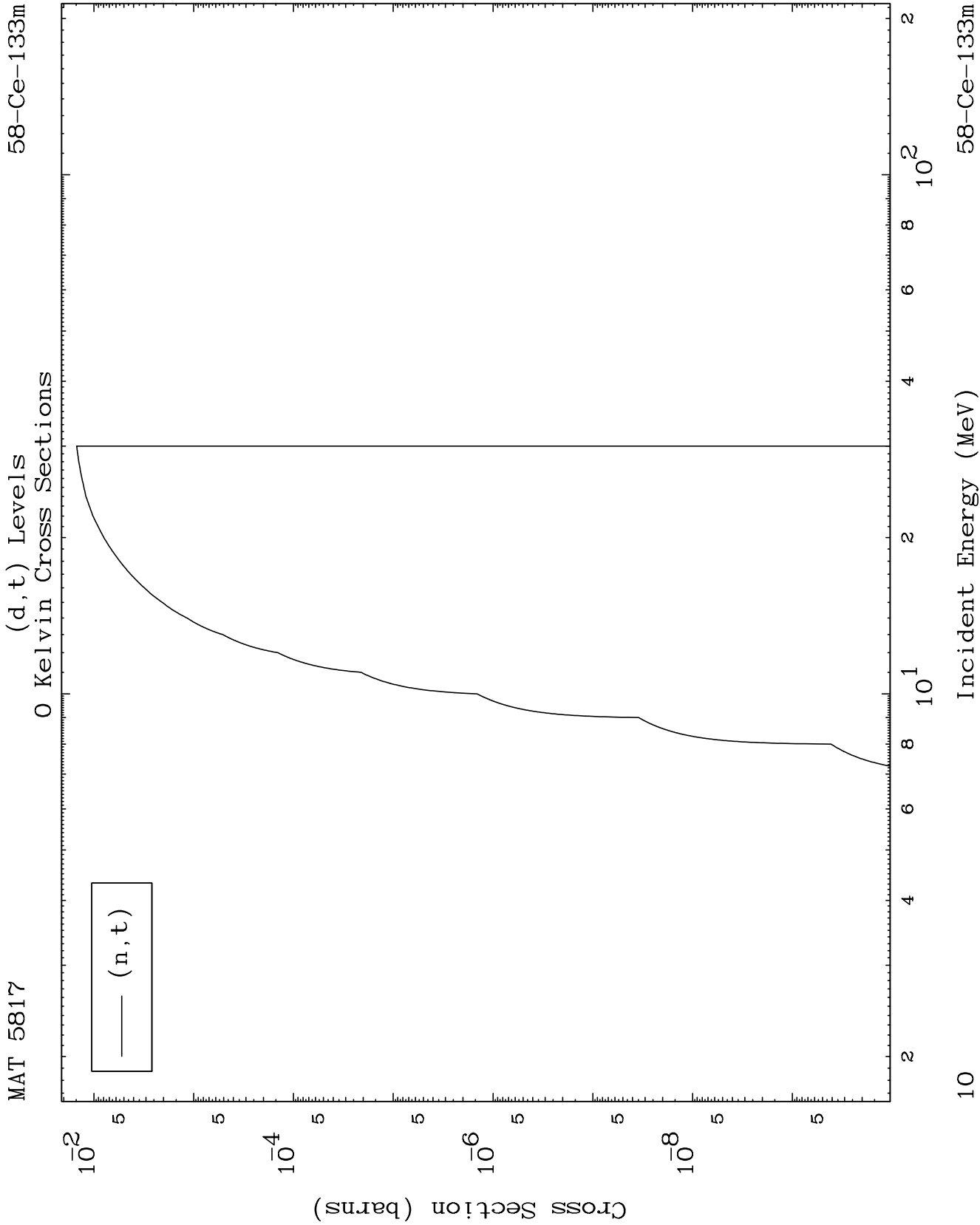
(d,d) Levels

58-Ce-133m

0 Kelvin Cross Sections



— (n,d)

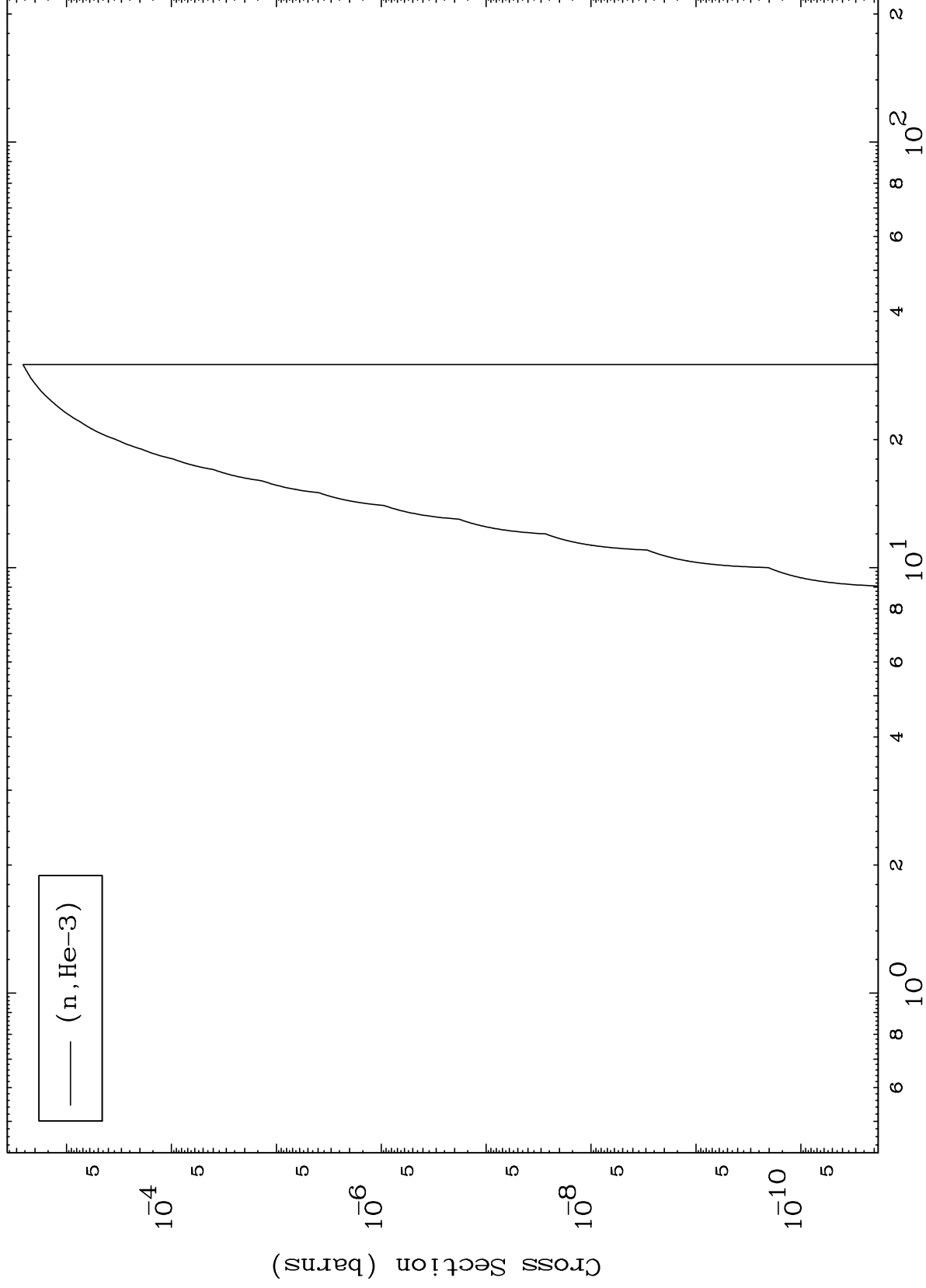


MAT 5817

(d,He3) Levels

58-Ce-133m

0 Kelvin Cross Sections



— (n, He-3)

11

Incident Energy (MeV)

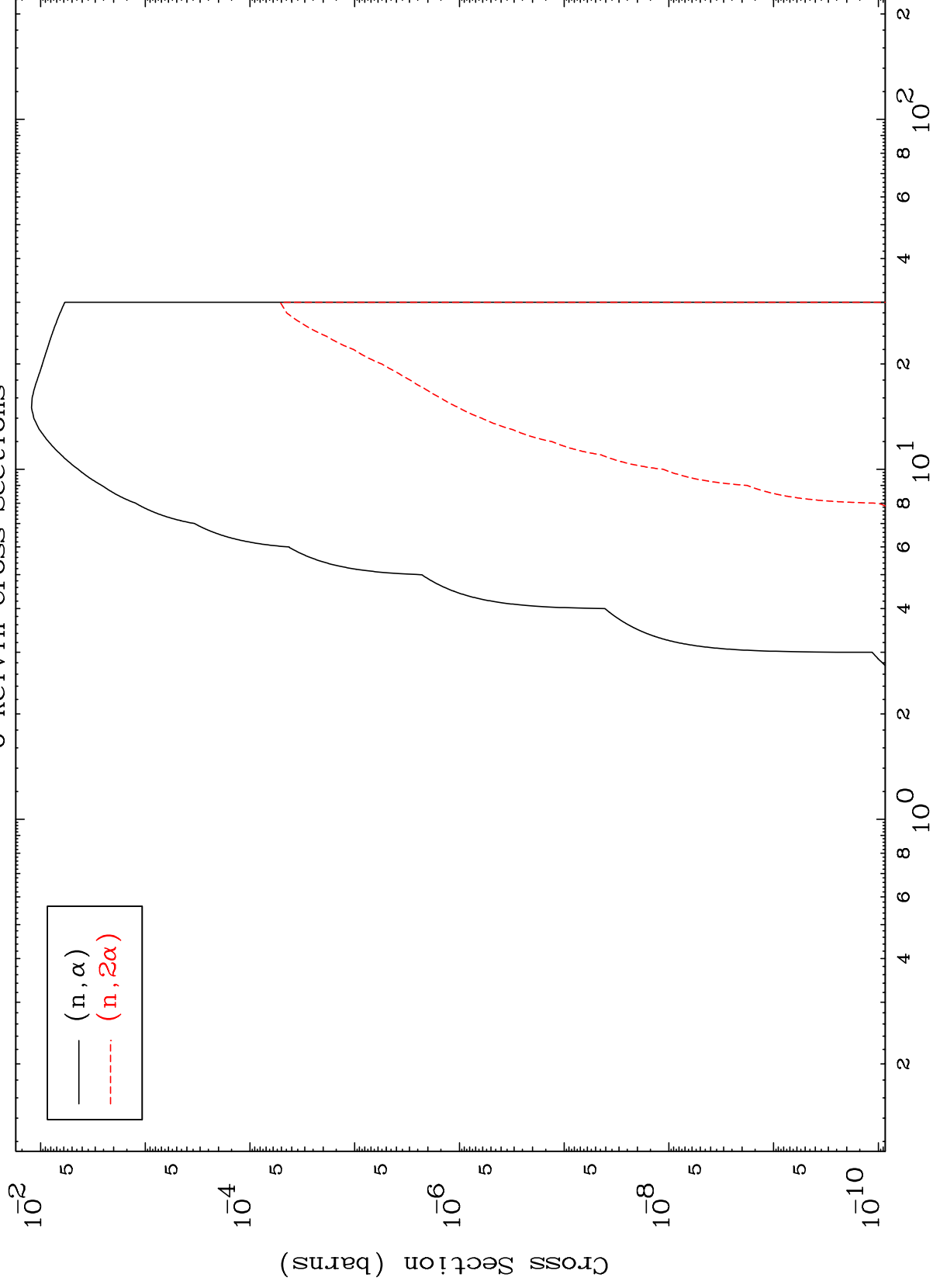
58-Ce-133m

MAT 5817

(d, α) Levels

58-Ce-133m

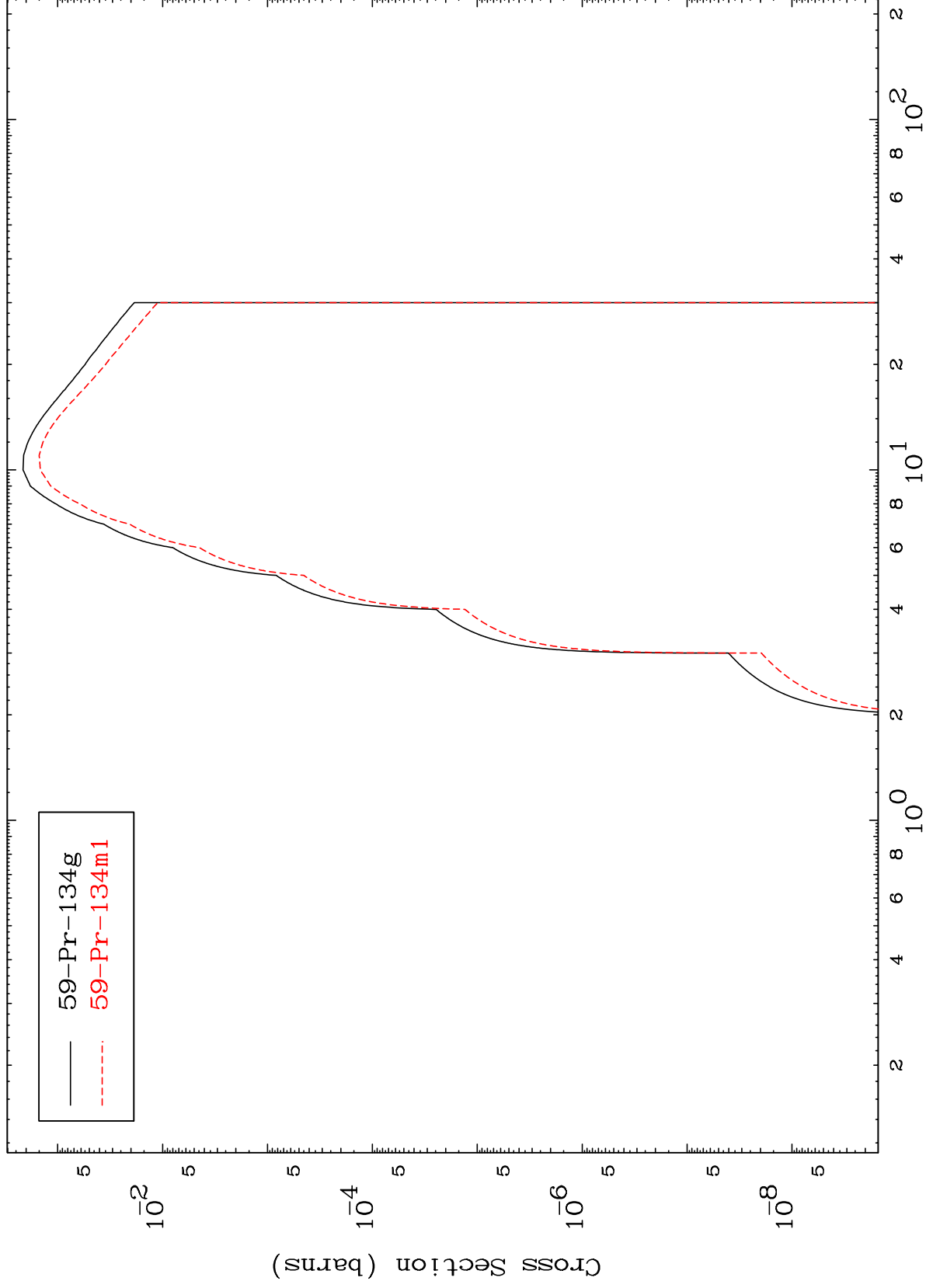
0 Kelvin Cross Sections



MAT 5817

Radionuclide Production Cross Section

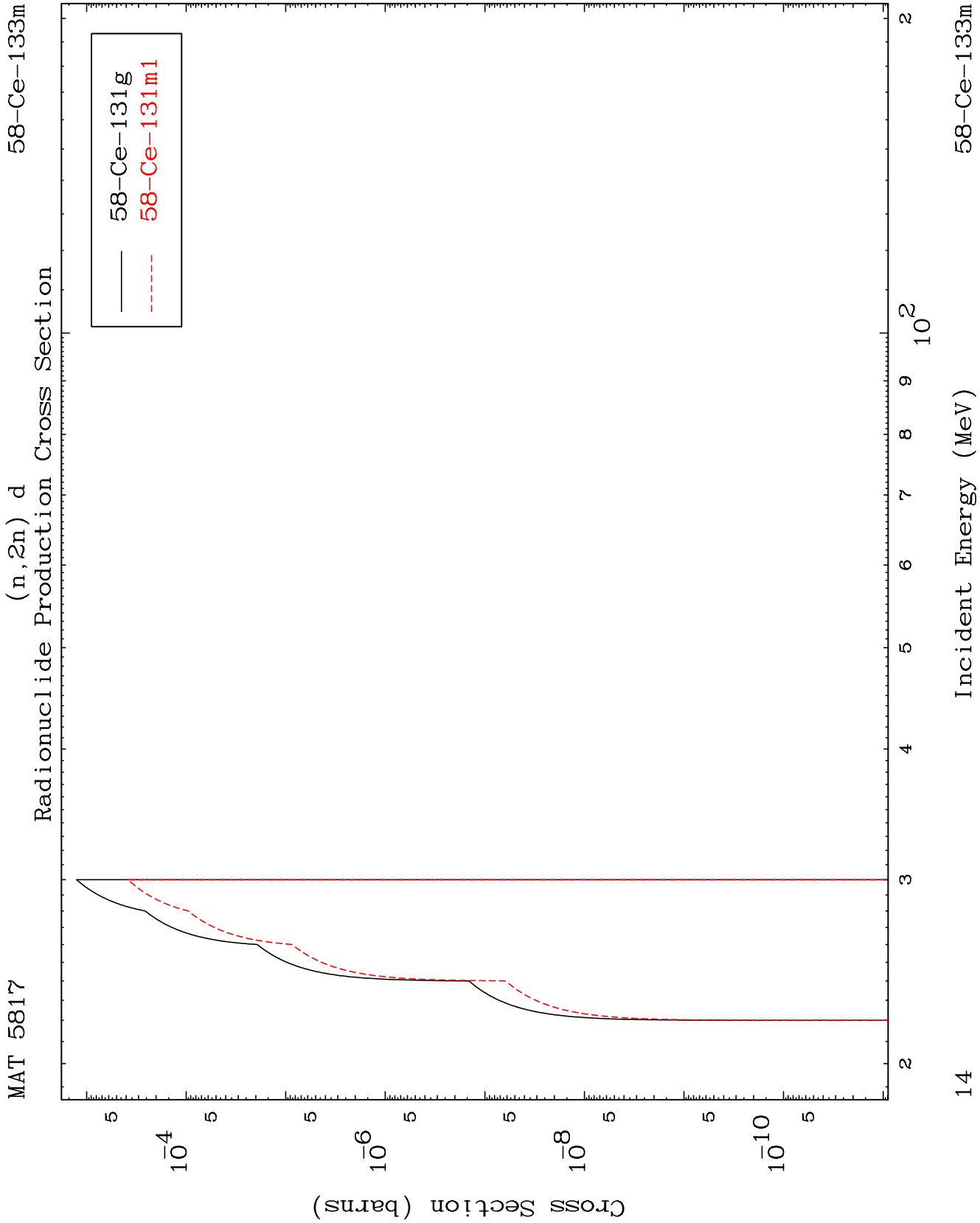
58-Ce-133m



13

Incident Energy (MeV)

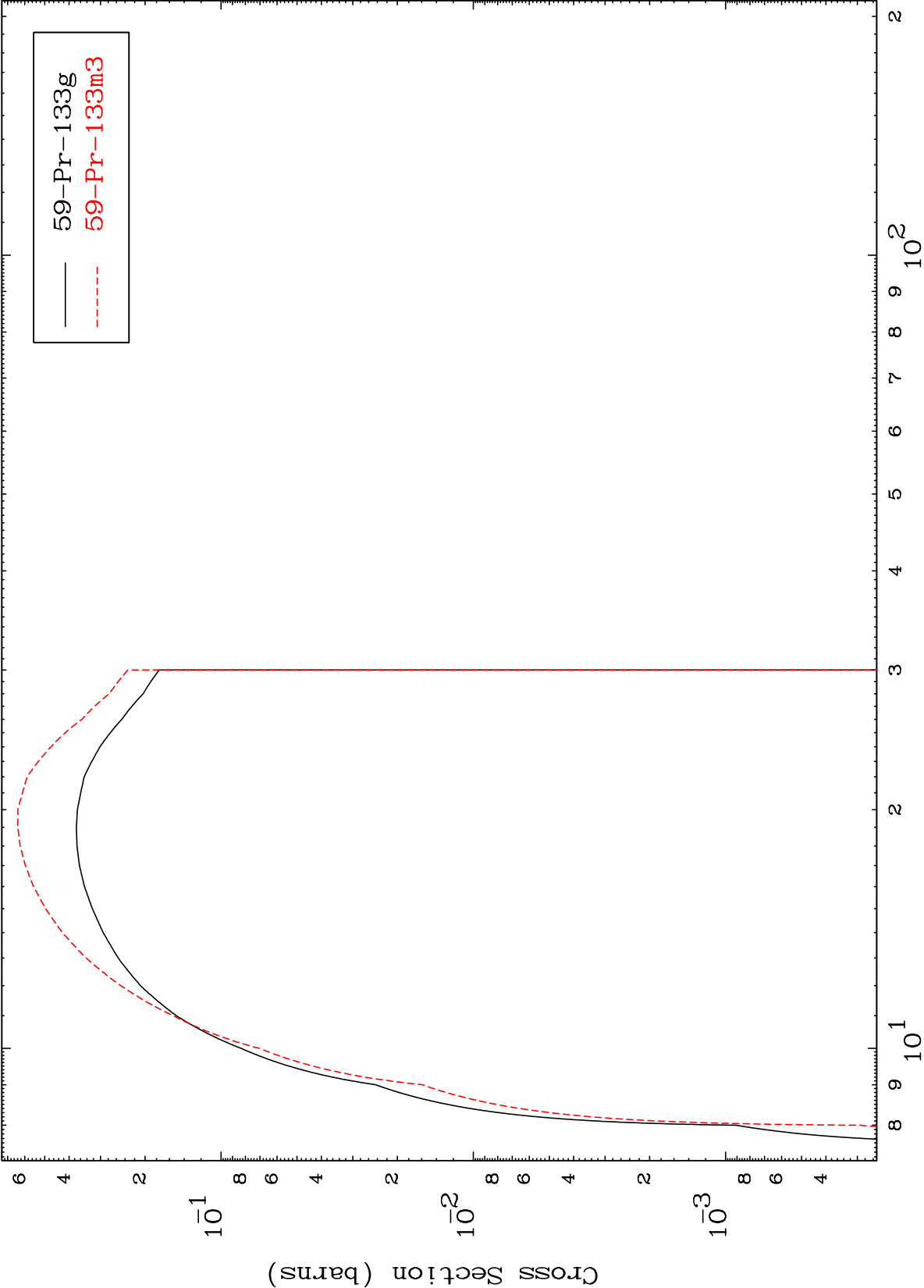
58-Ce-133m



MAT 5817

58-Ce-133m

(n,2n)
Radionuclide Production Cross Section



58-Ce-133m

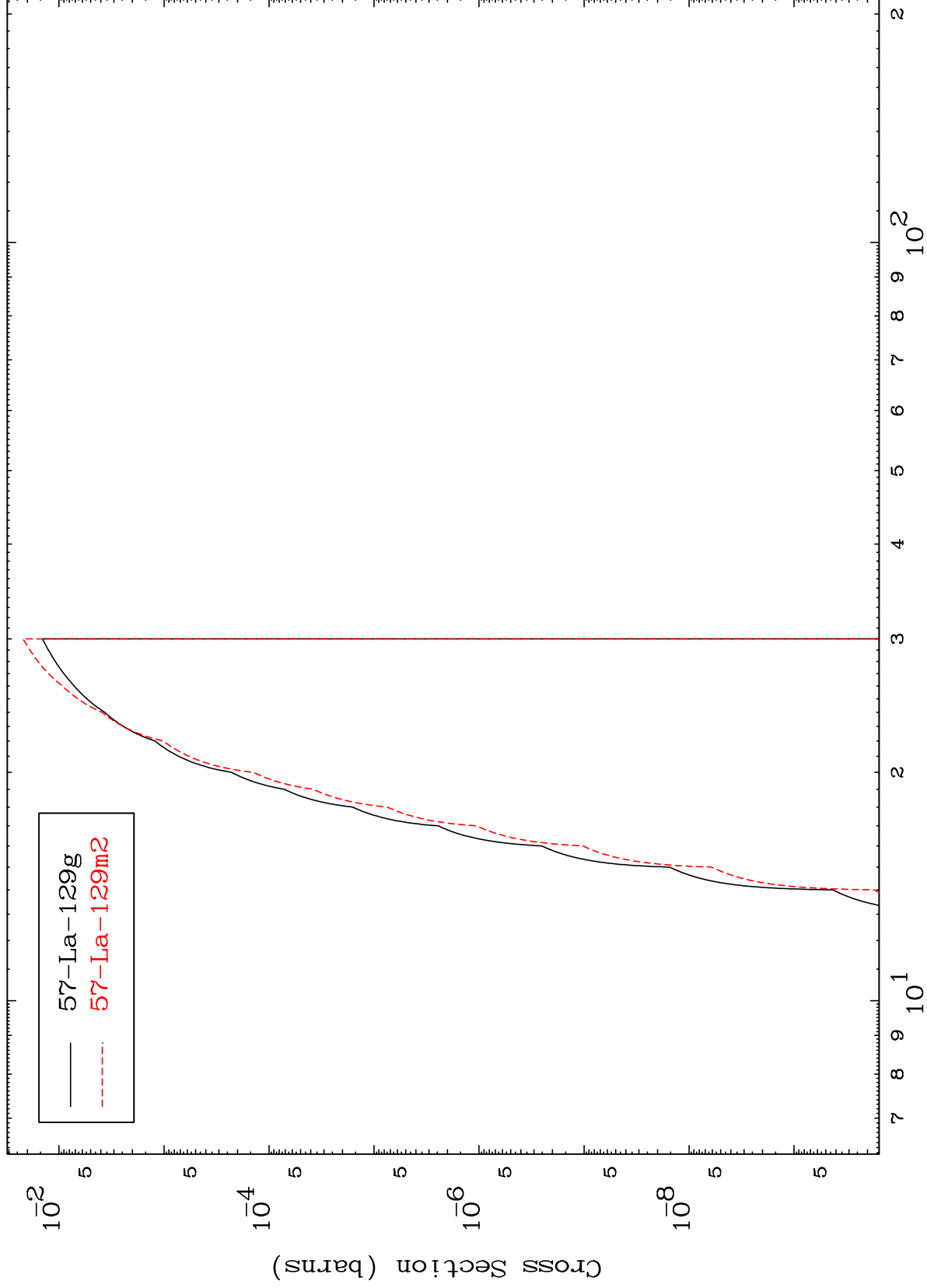
Incident Energy (MeV)

15

MAT 5817

58-Ce-133m

Radionuclide Production Cross Section
(n,2n) α



16

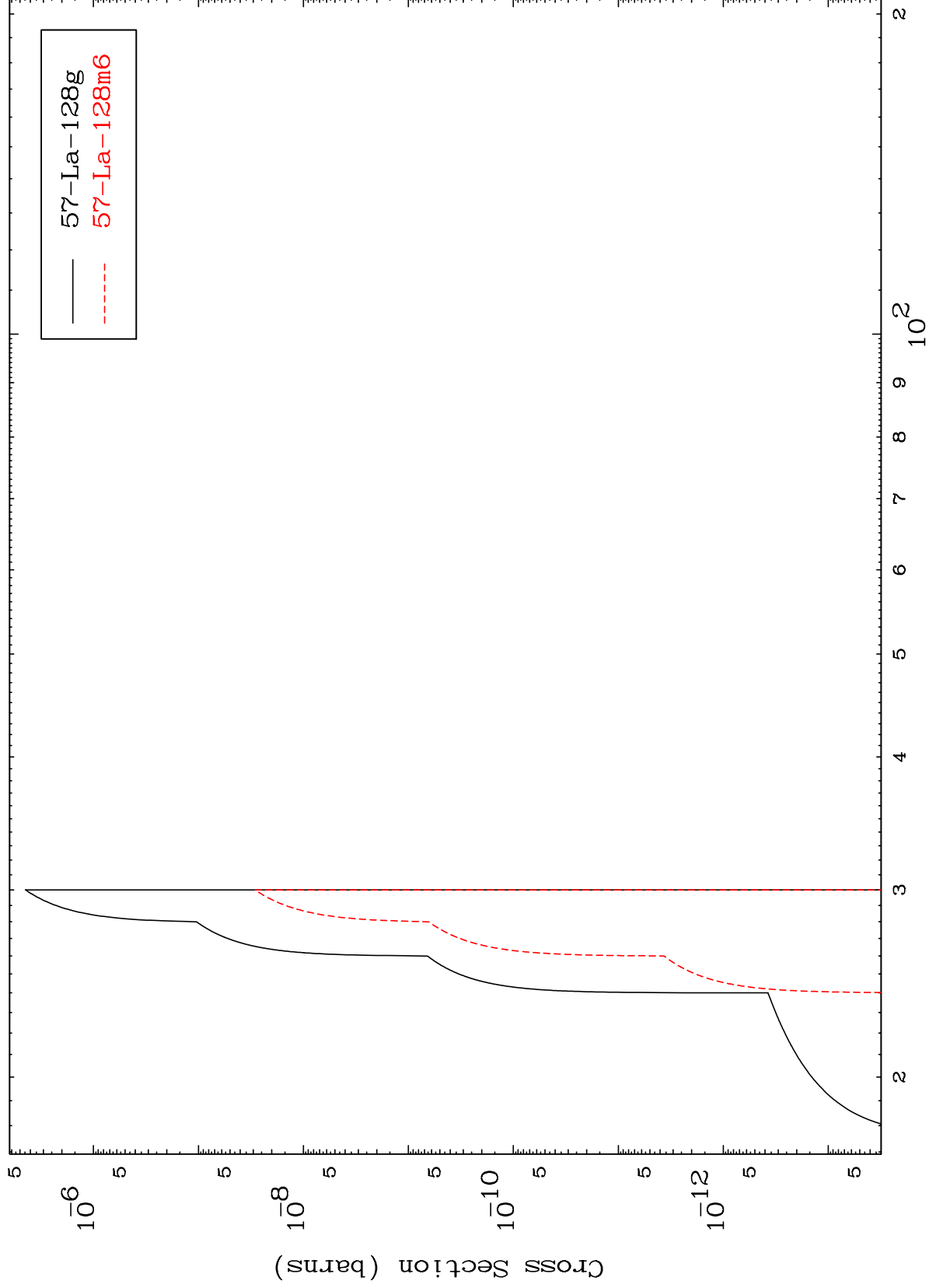
Incident Energy (MeV)

58-Ce-133m

MAT 5817

58-Ce-133m

Radionuclide Production Cross Section
(n,3n) α

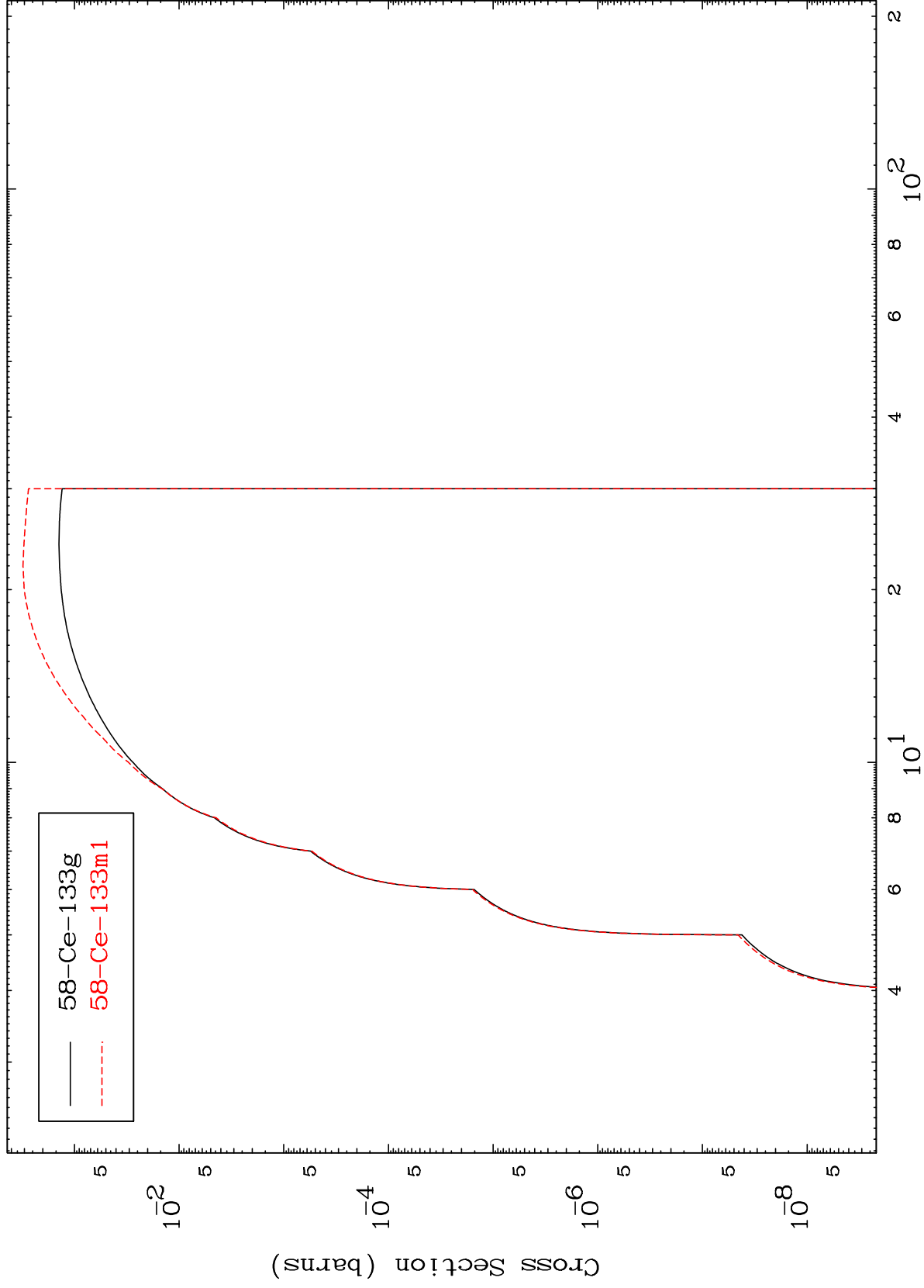


17

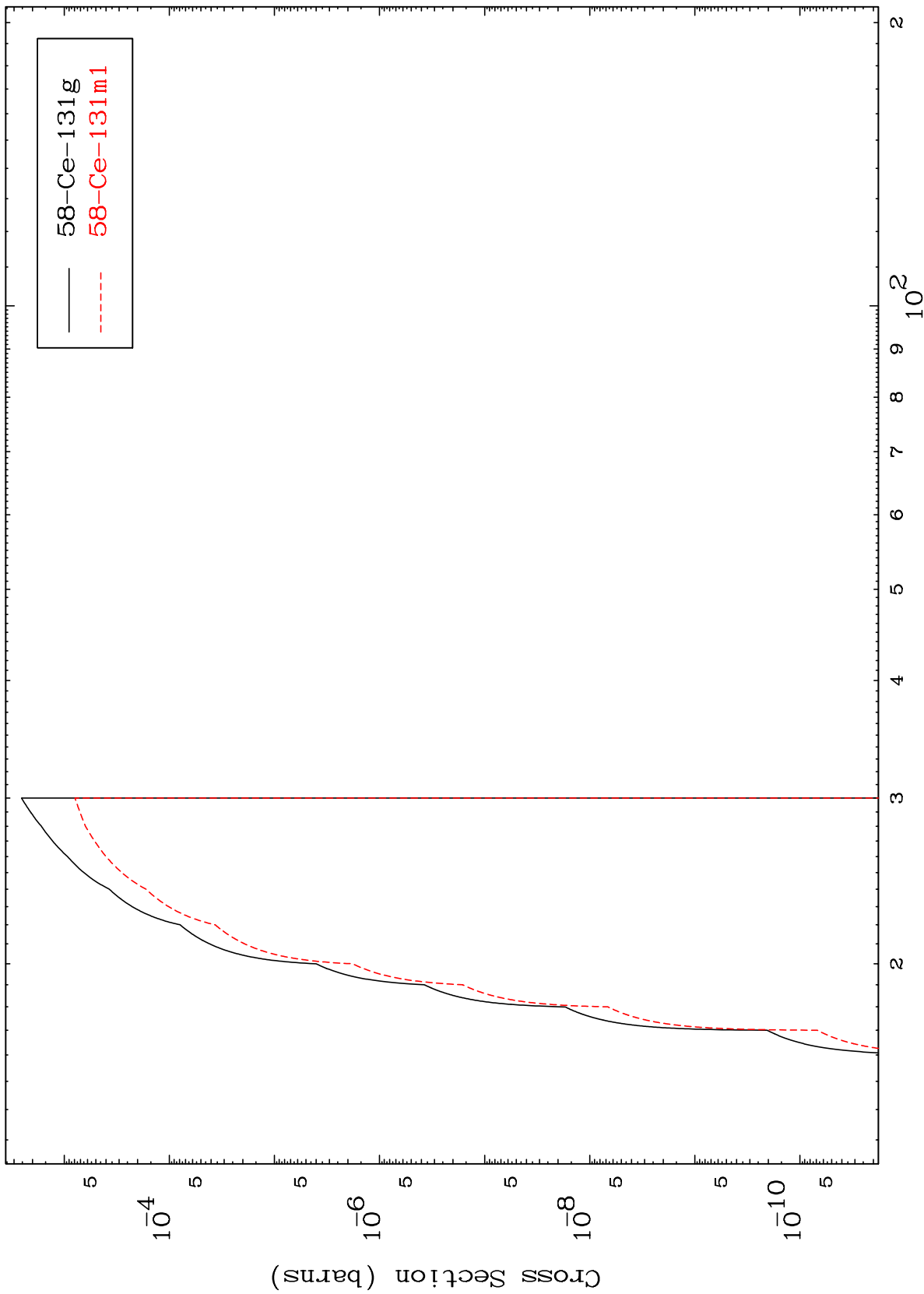
Incident Energy (MeV)

58-Ce-133m

(n,n') p
Radionuclide Production Cross Section



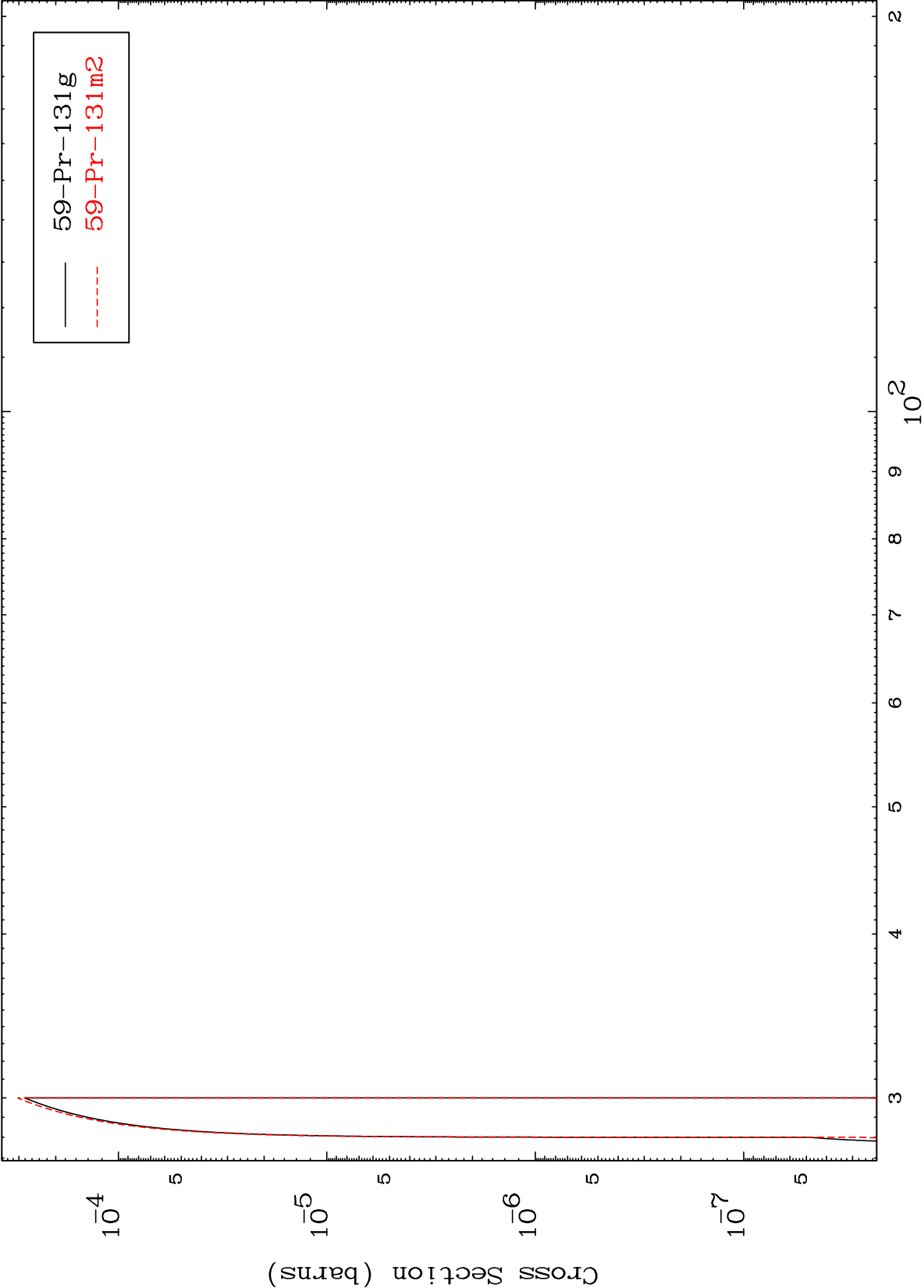
Radionuclide Production Cross Section



MAT 5817

58-Ce-133m

(n,4n)
Radionuclide Production Cross Section

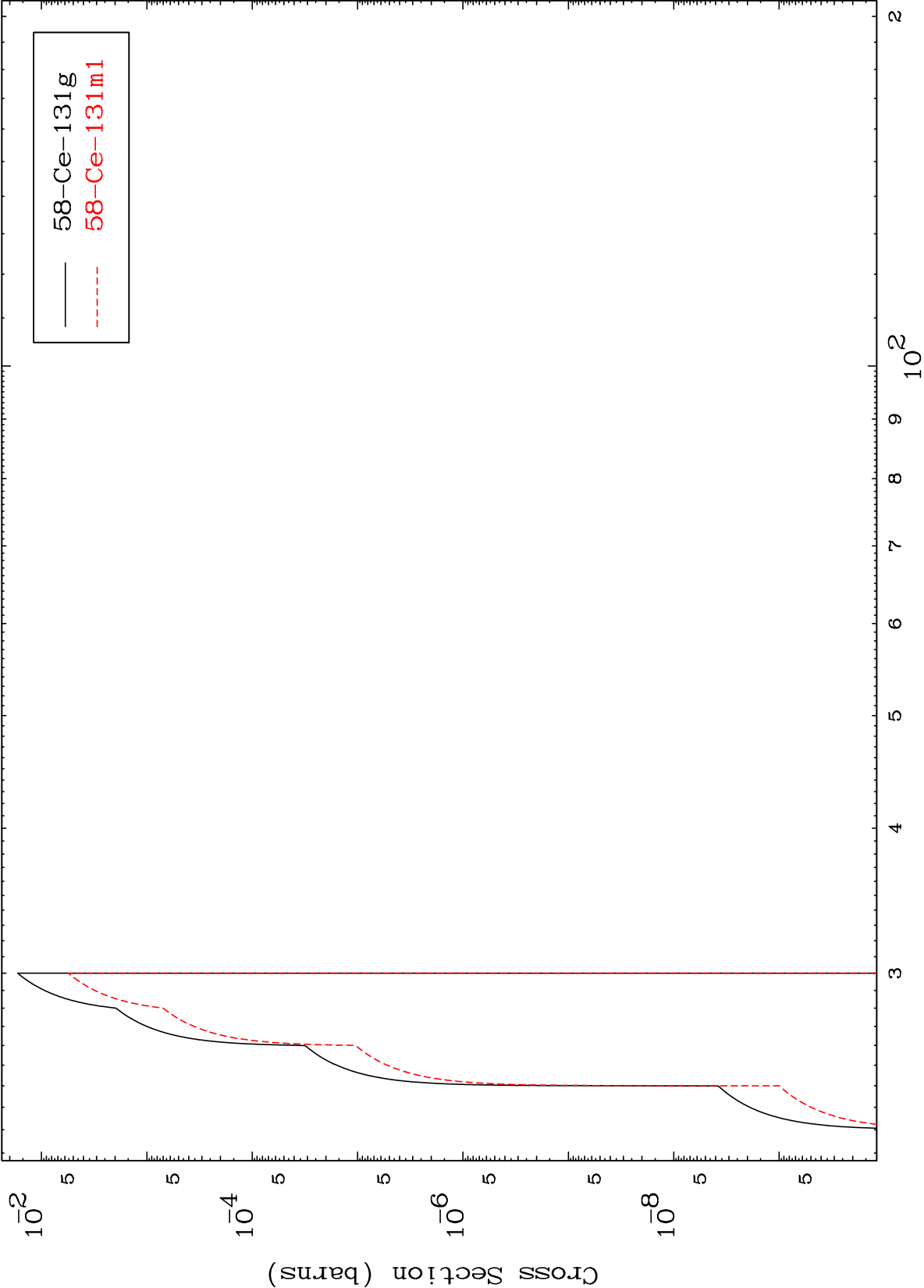


20

Incident Energy (MeV)

58-Ce-133m

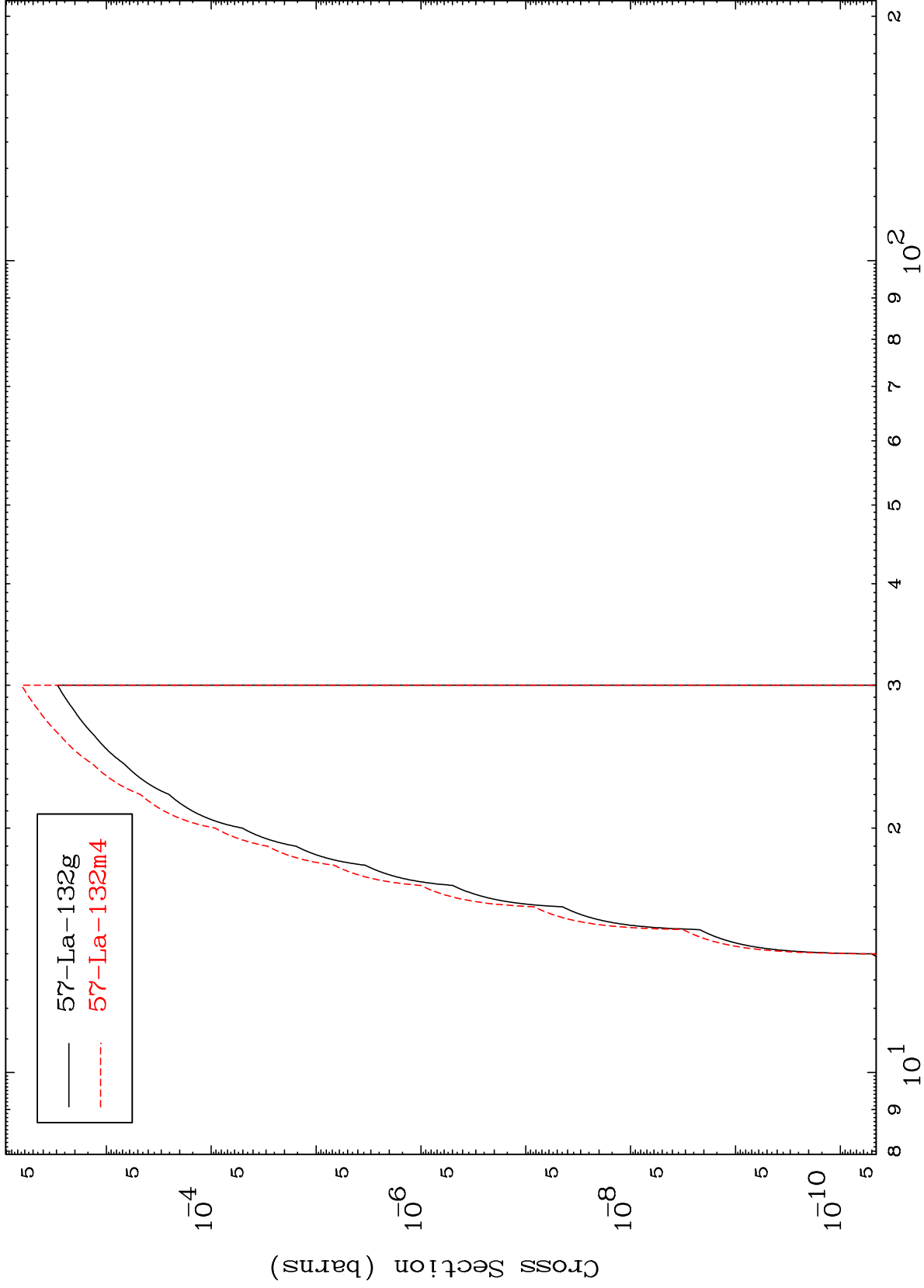
Radionuclide Production Cross Section



MAT 5817

58-Ce-133m

(n,2n) p
Radionuclide Production Cross Section



58-Ce-133m

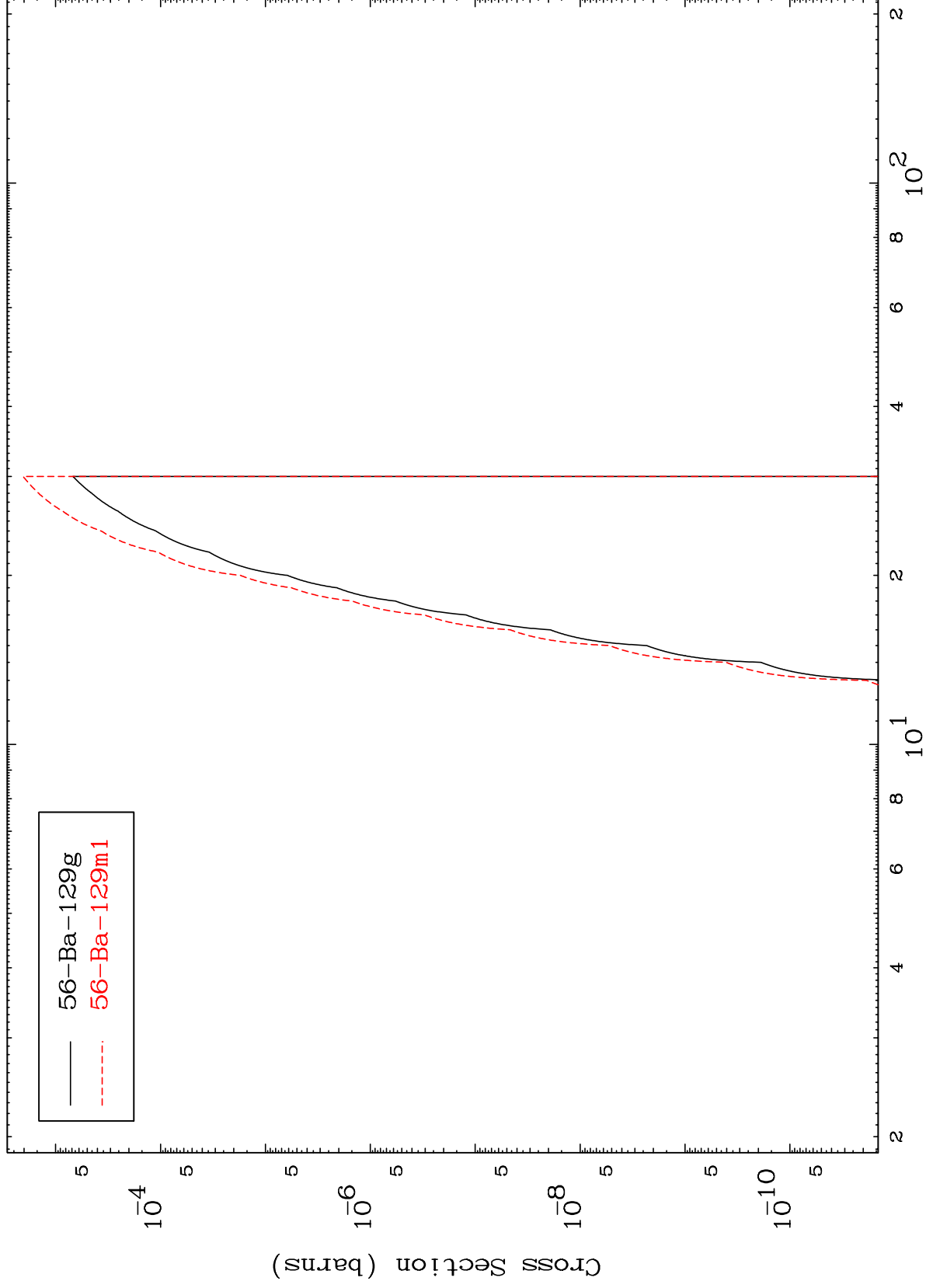
Incident Energy (MeV)

22

MAT 5817

58-Ce-133m

(n,n') p α
Radionuclide Production Cross Section



23

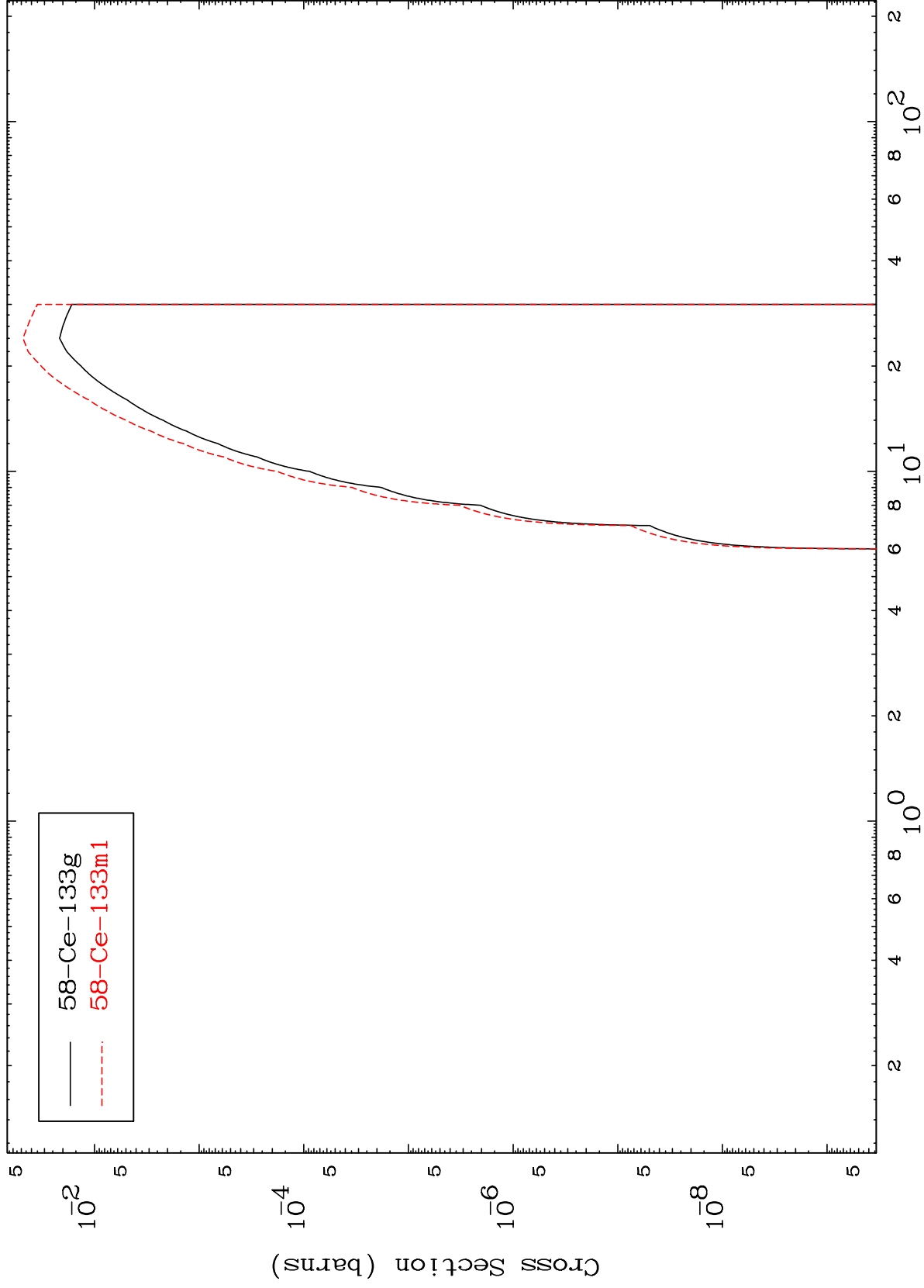
Incident Energy (MeV)

58-Ce-133m

MAT 5817

58-Ce-133m

(n,d)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

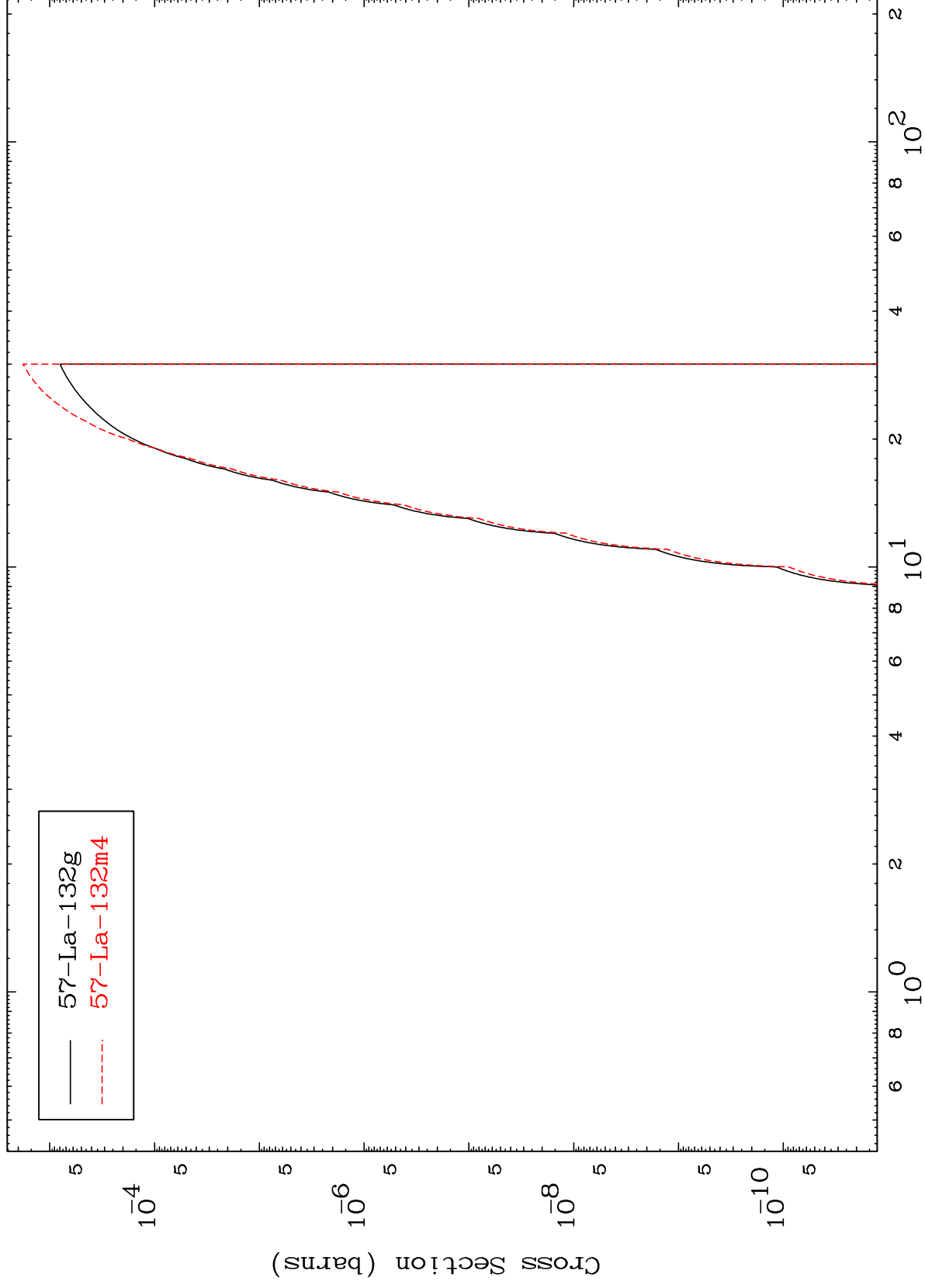
58-Ce-133m

MAT 5817

(n,He-3)

58-Ce-133m

Radionuclide Production Cross Section



25

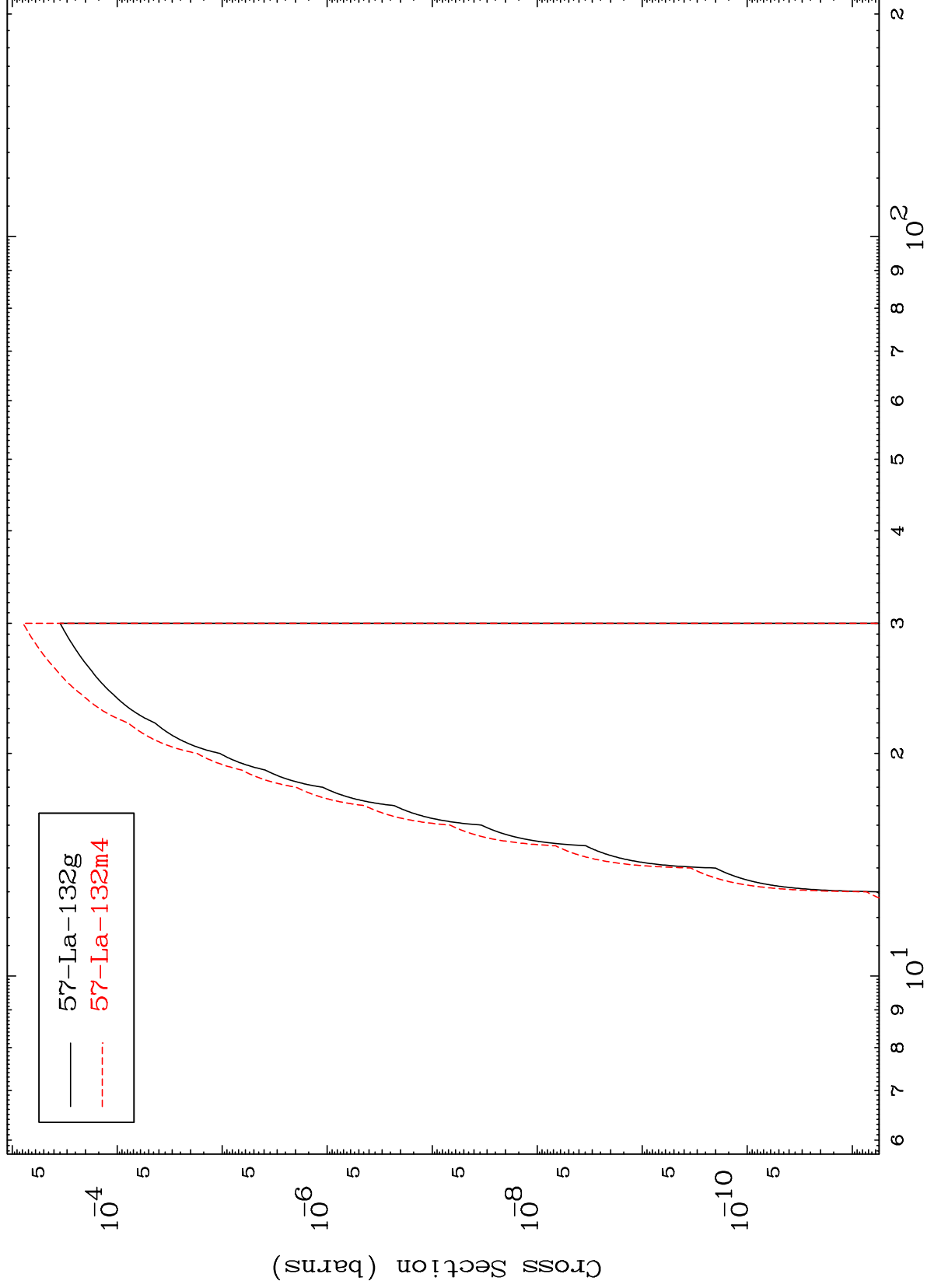
Incident Energy (MeV)

58-Ce-133m

MAT 5817

58-Ce-133m

(n,p) d
Radionuclide Production Cross Section



26

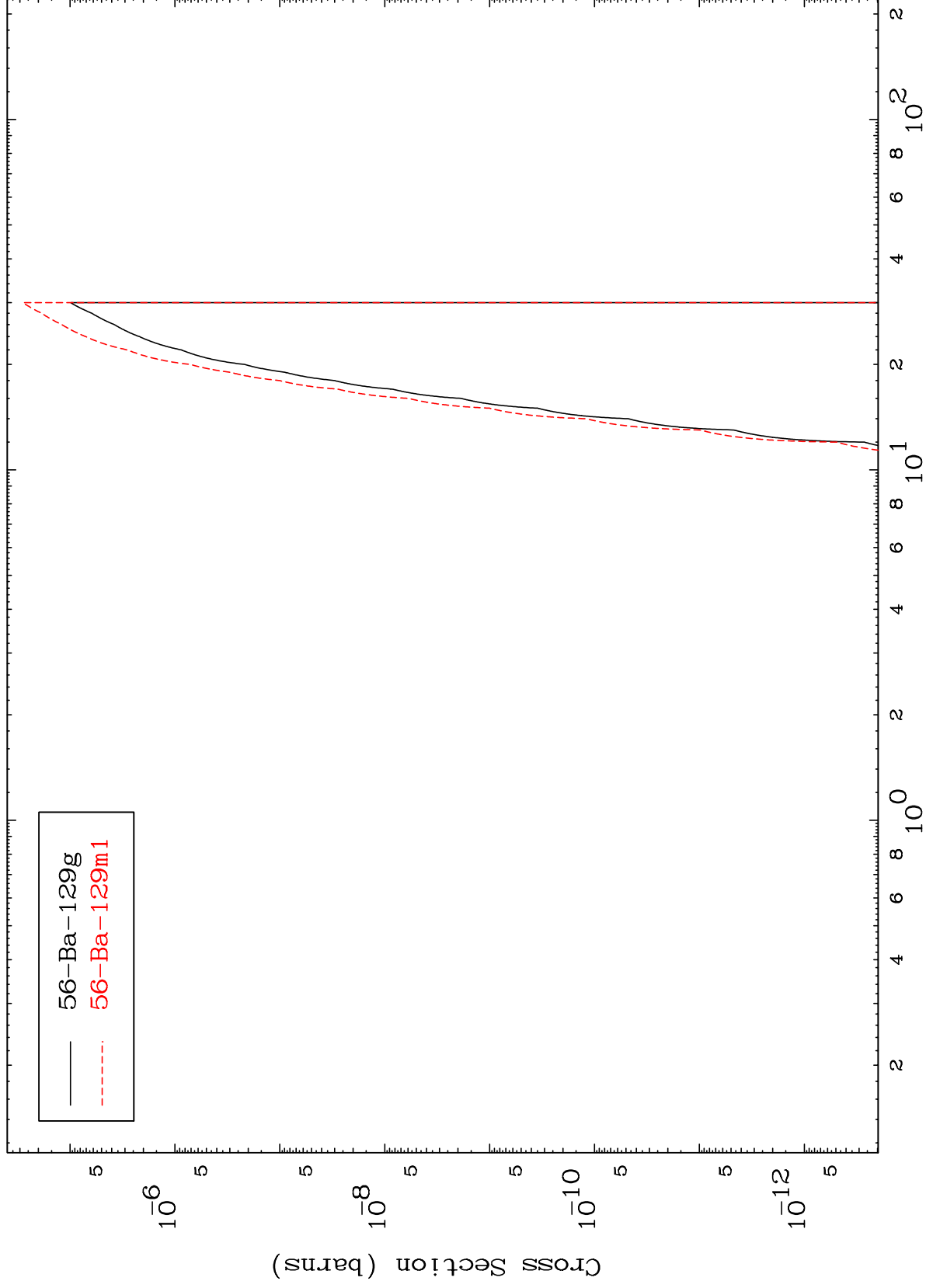
Incident Energy (MeV)

58-Ce-133m

MAT 5817

58-Ce-133m

Radionuclide Production Cross Section
(n,d) α



27

Incident Energy (MeV)

58-Ce-133m