

Program EVALPLOT
(Version 2018-1)

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

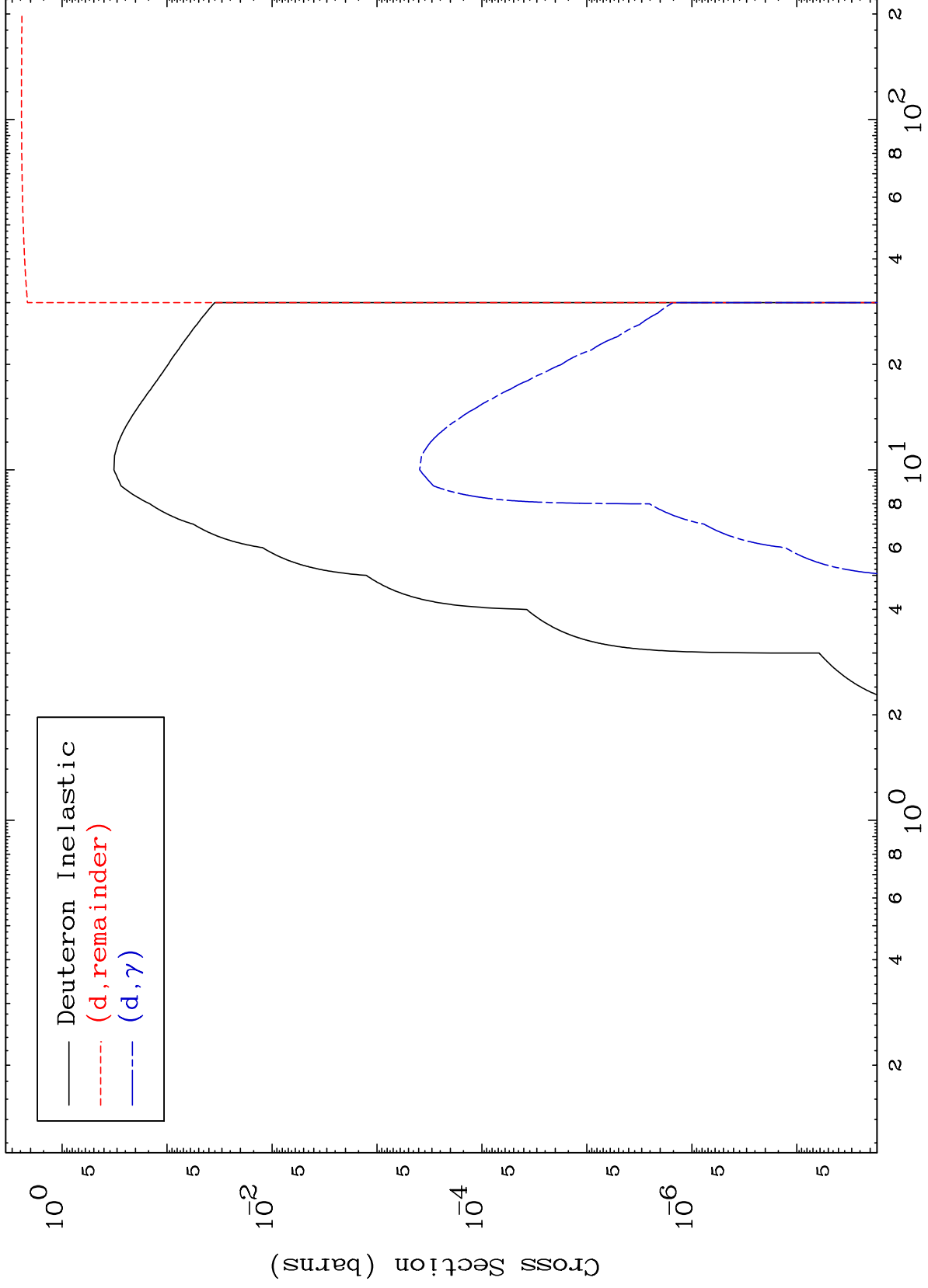
Press Mouse Button to Start

MAT 5816

Deuteron Major

58-Ce-133

0 Kelvin Cross Sections

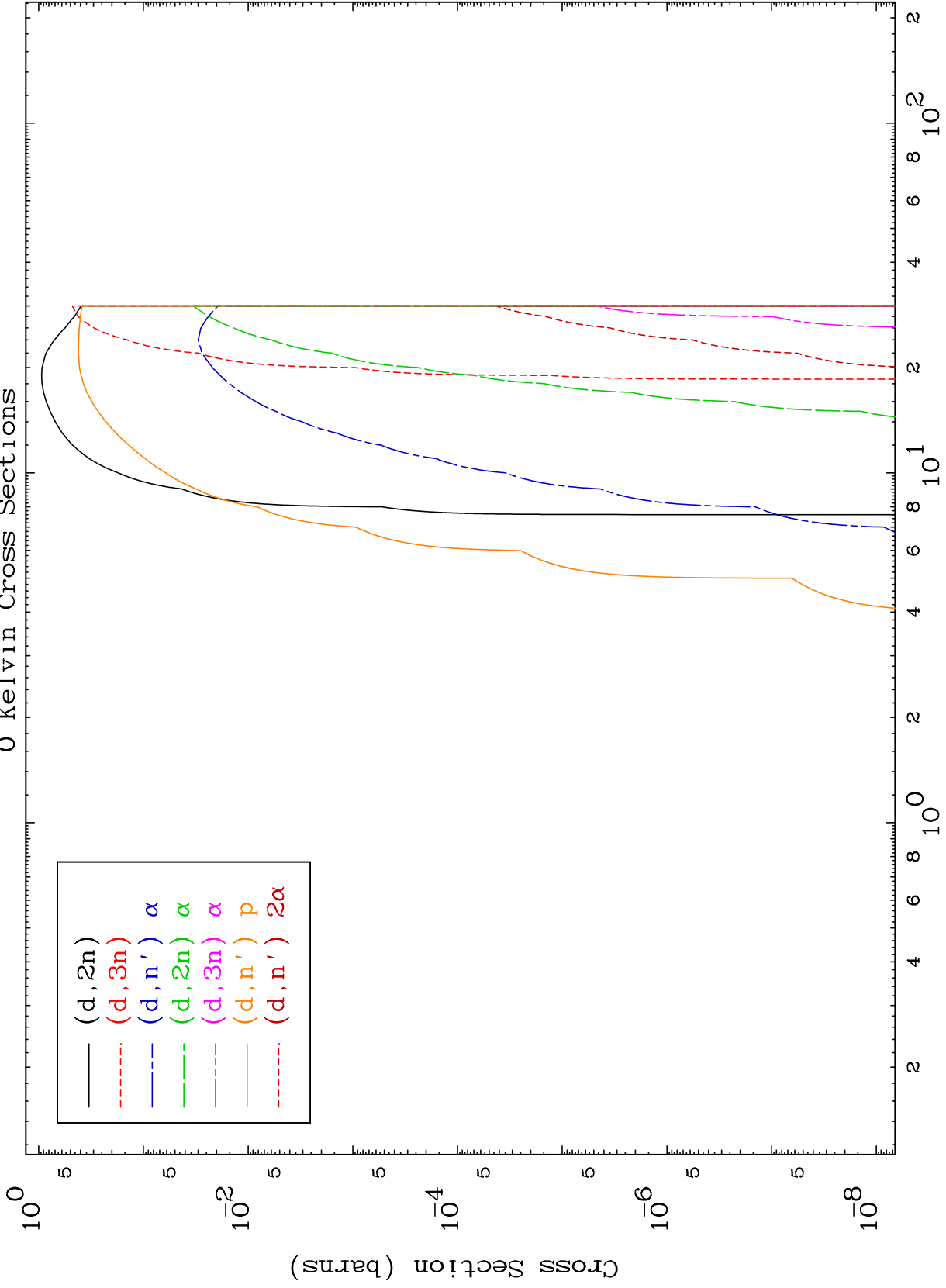


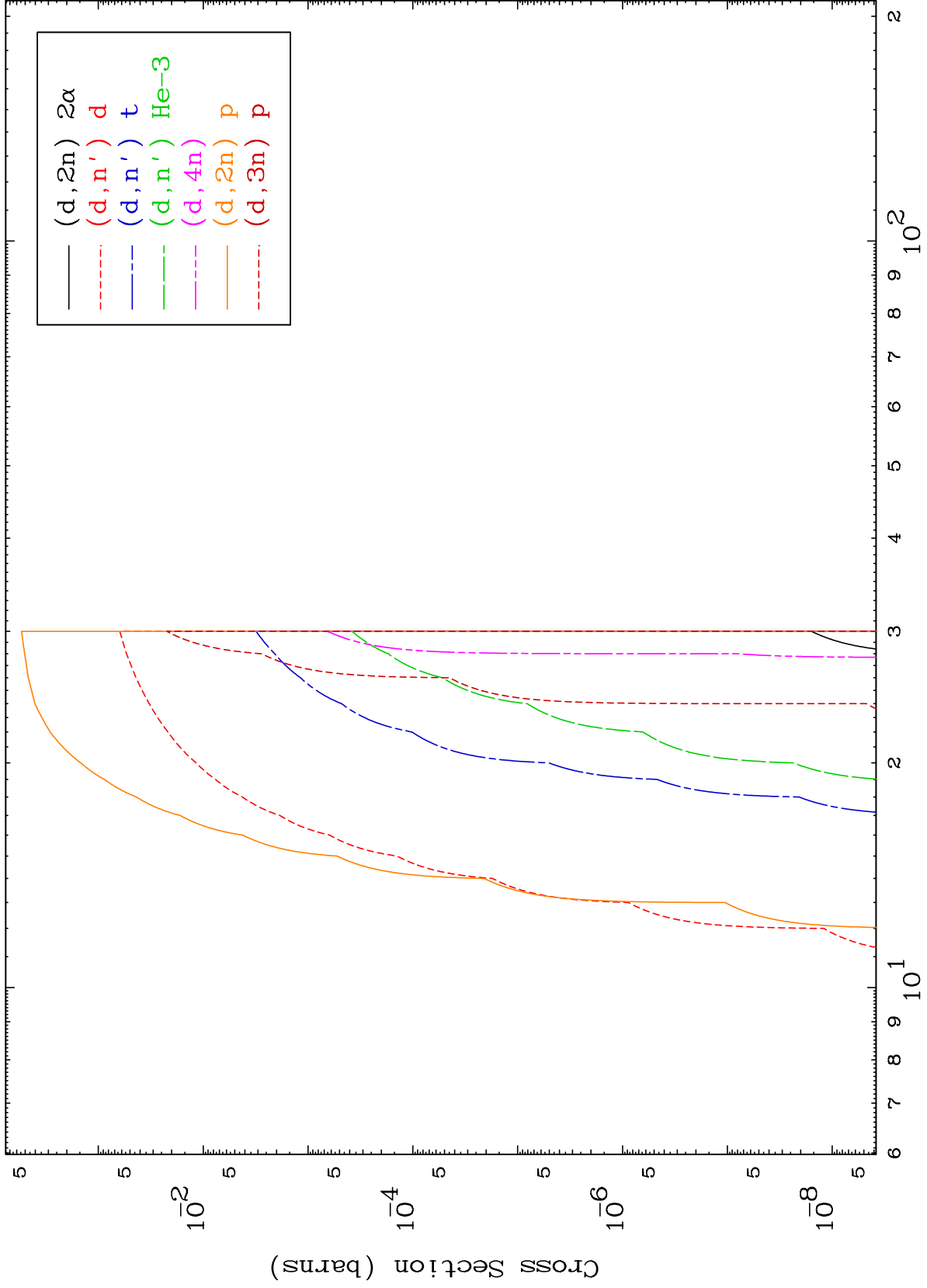
— Deuteron Inelastic
- - - (d, remainder)
- - - (d, γ)

MAT 5816

Deuteron Neutron Production
0 Kelvin Cross Sections

58-Ce-133

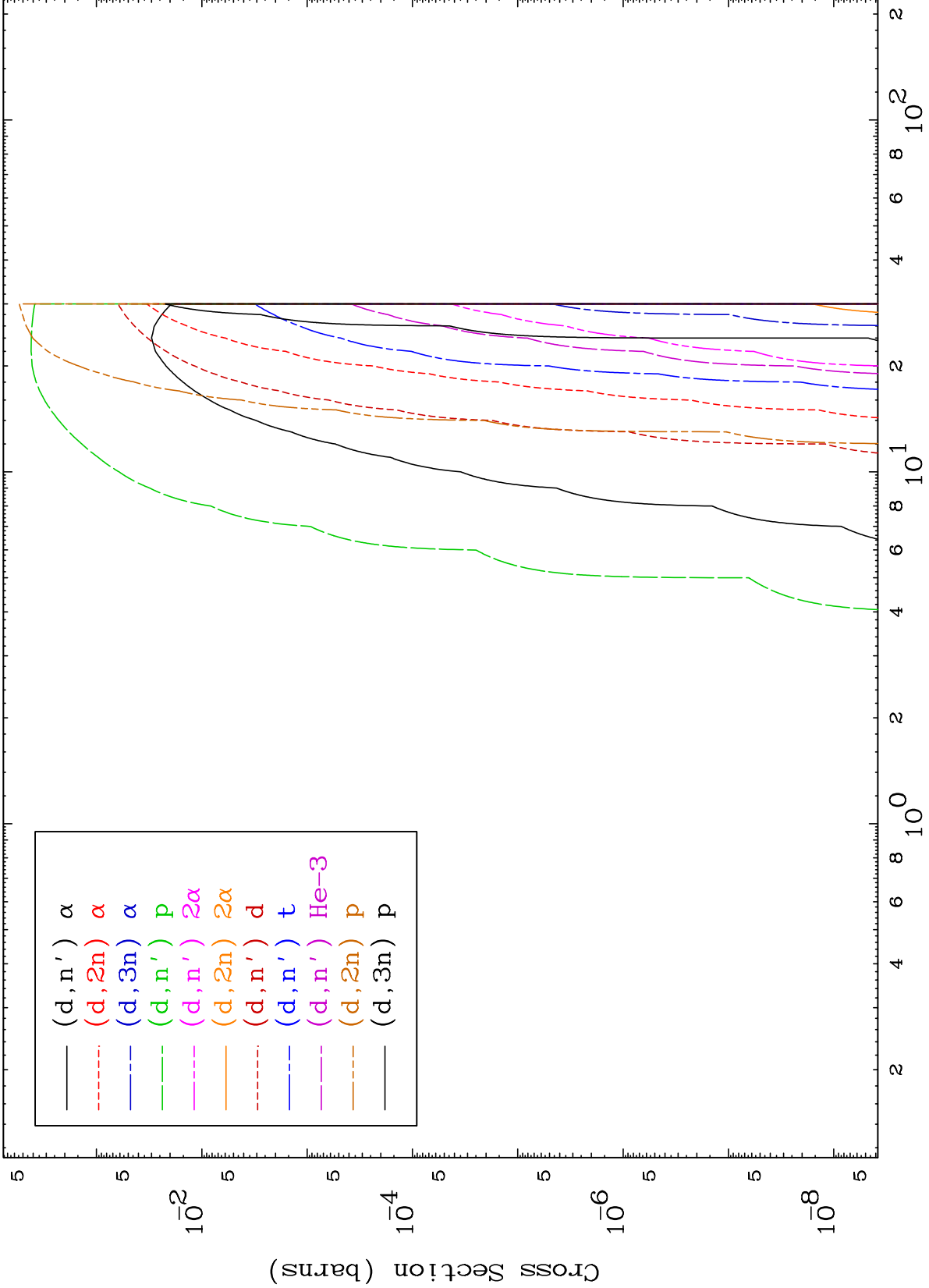


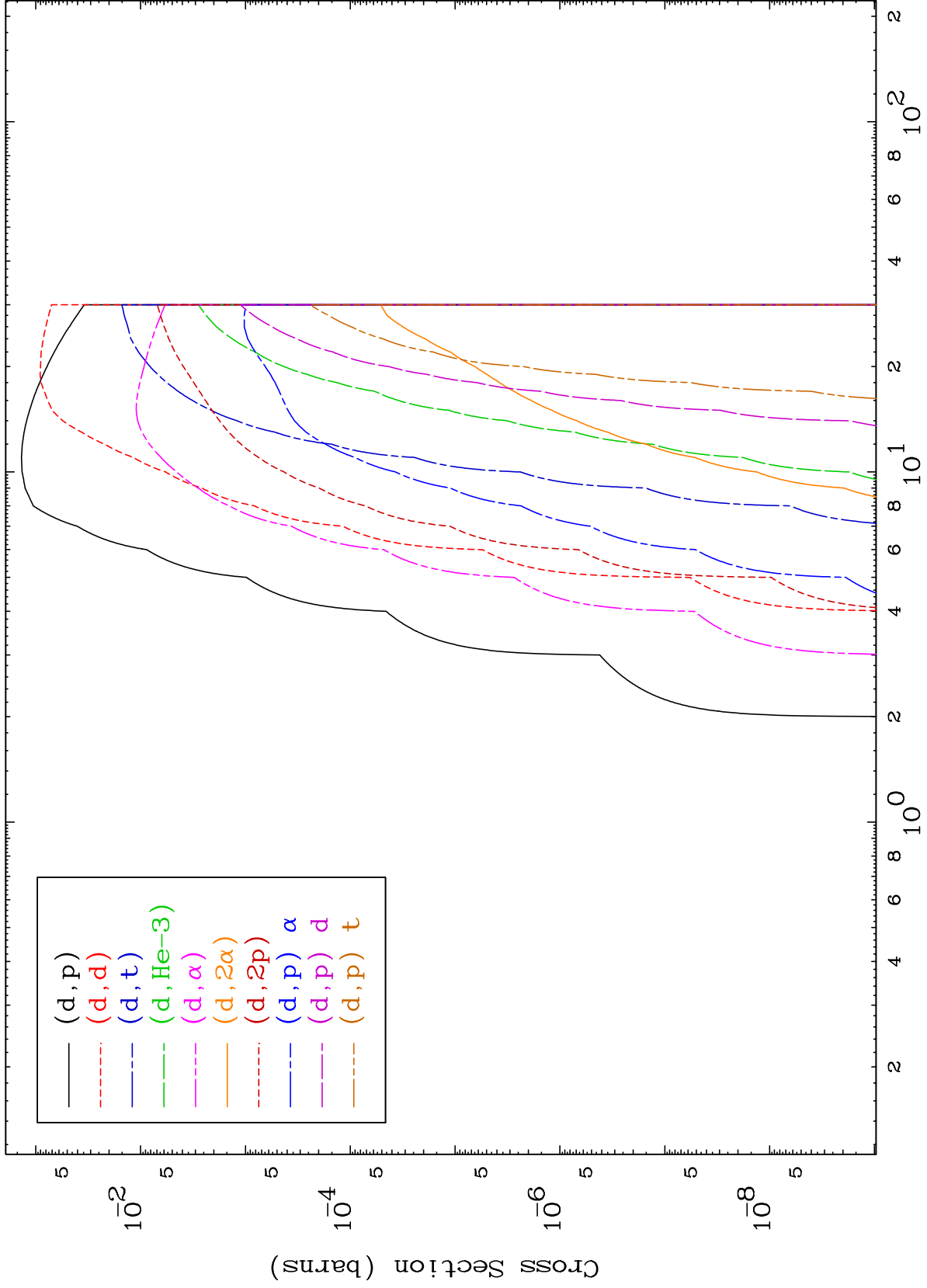


MAT 5816

Deuteron Charged Particle
0 Kelvin Cross Sections

58-Ce-133



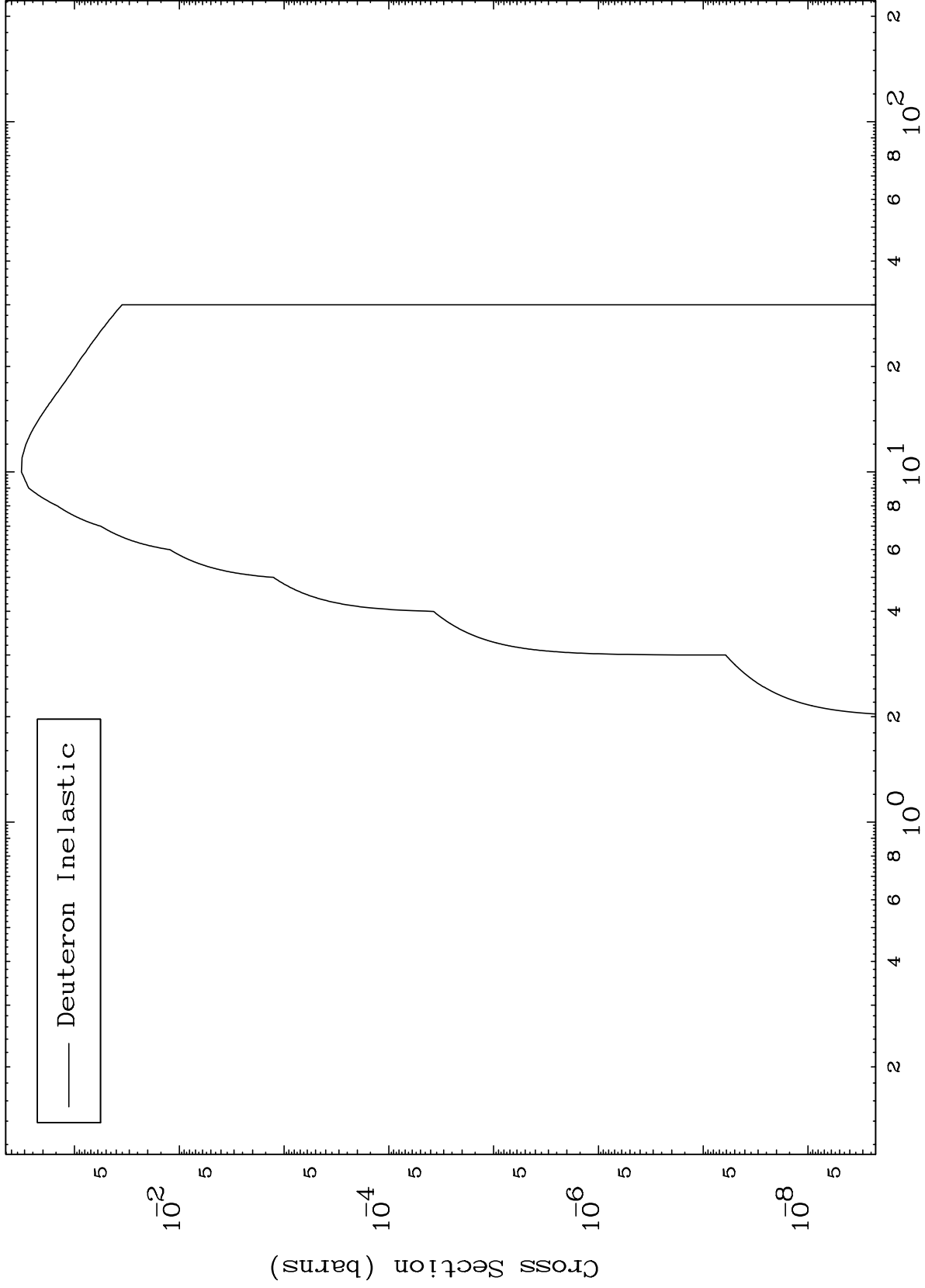


MAT 5816

(d,n') Level

58-Ce-133

0 Kelvin Cross Sections

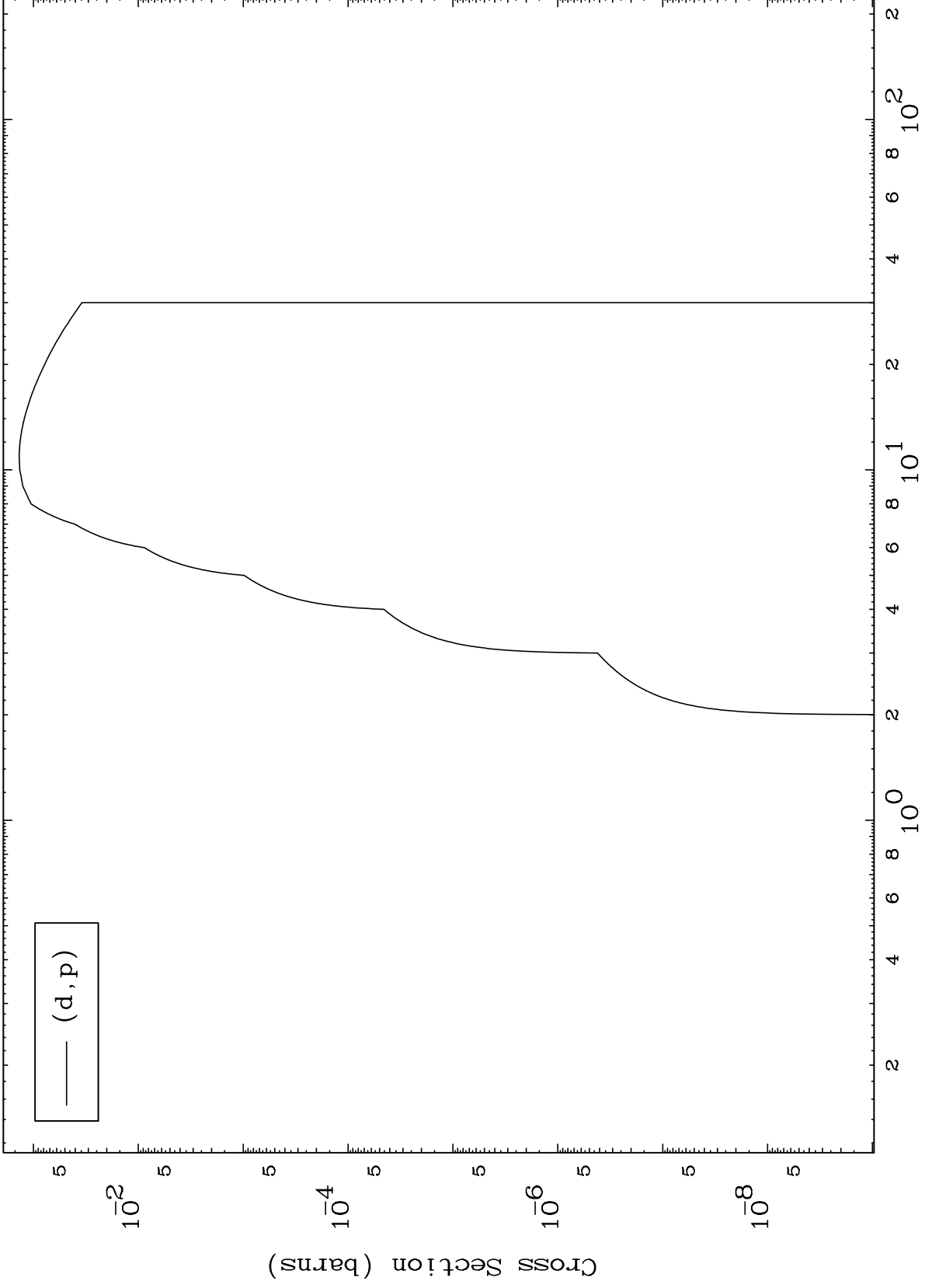


MAT 5816

(d,p) Levels

58-Ce-133

0 Kelvin Cross Sections

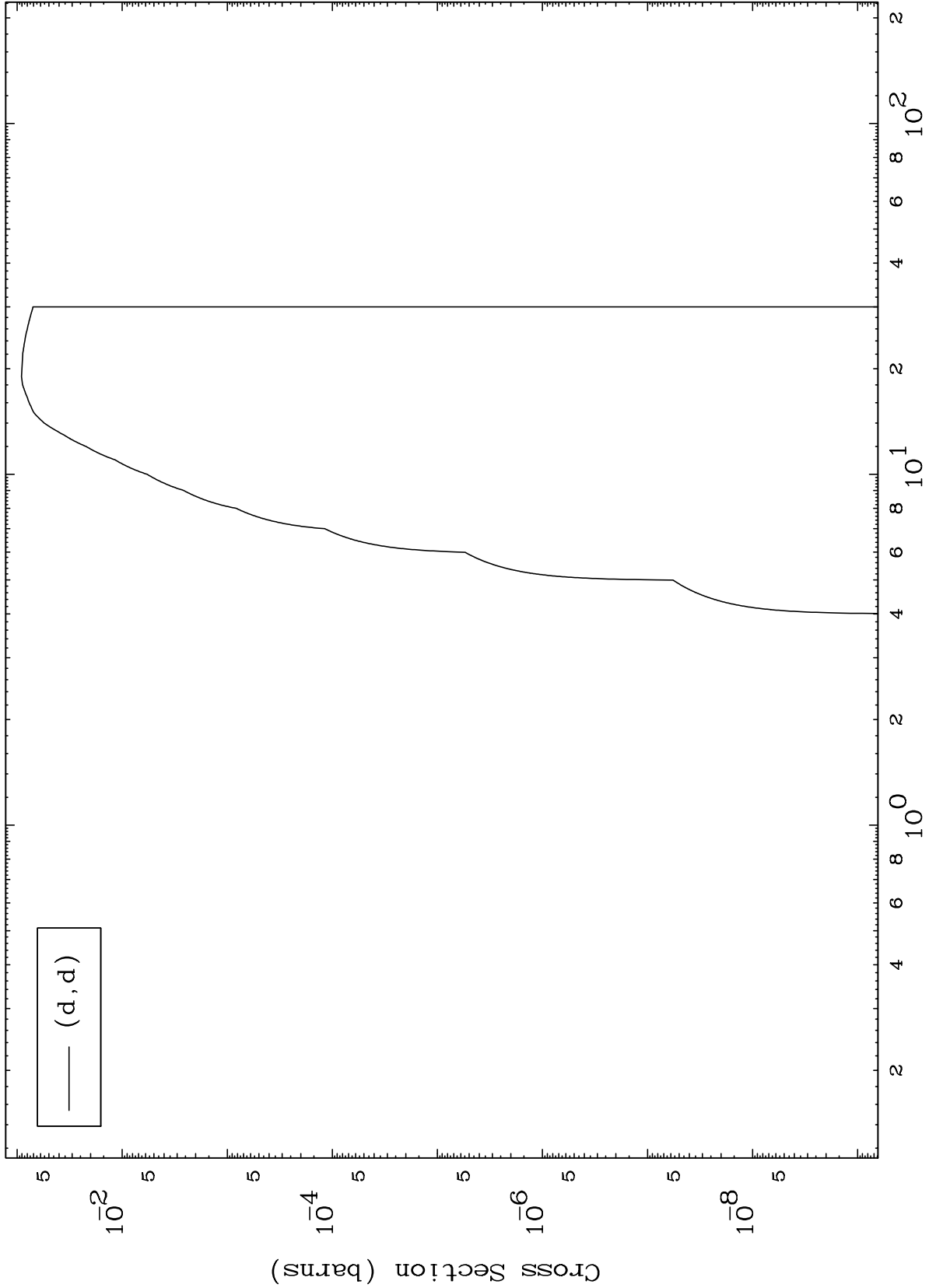


MAT 5816

(d,d) Levels

58-Ce-133

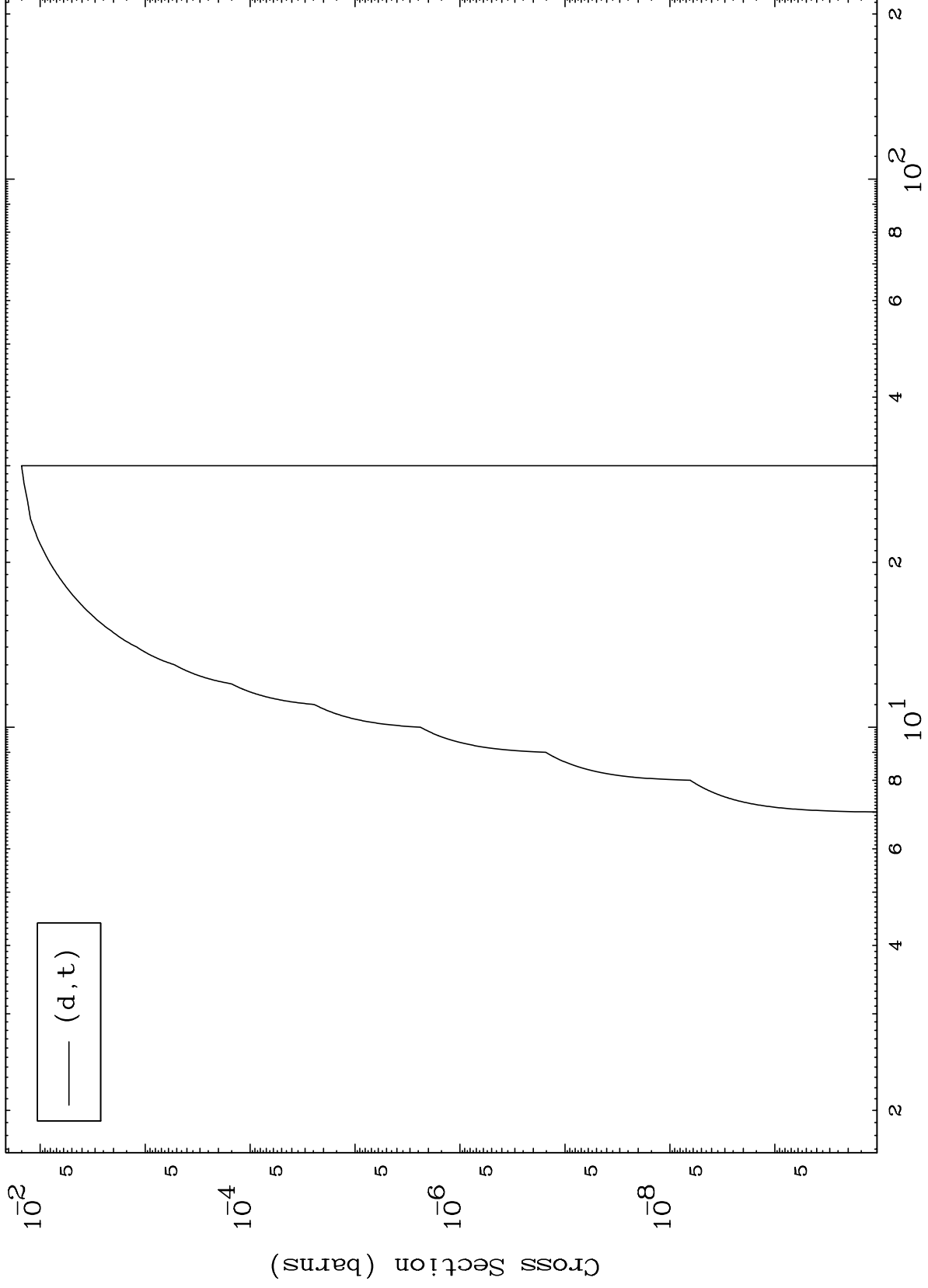
0 Kelvin Cross Sections



MAT 5816

(d,t) Levels
0 Kelvin Cross Sections

58-Ce-133



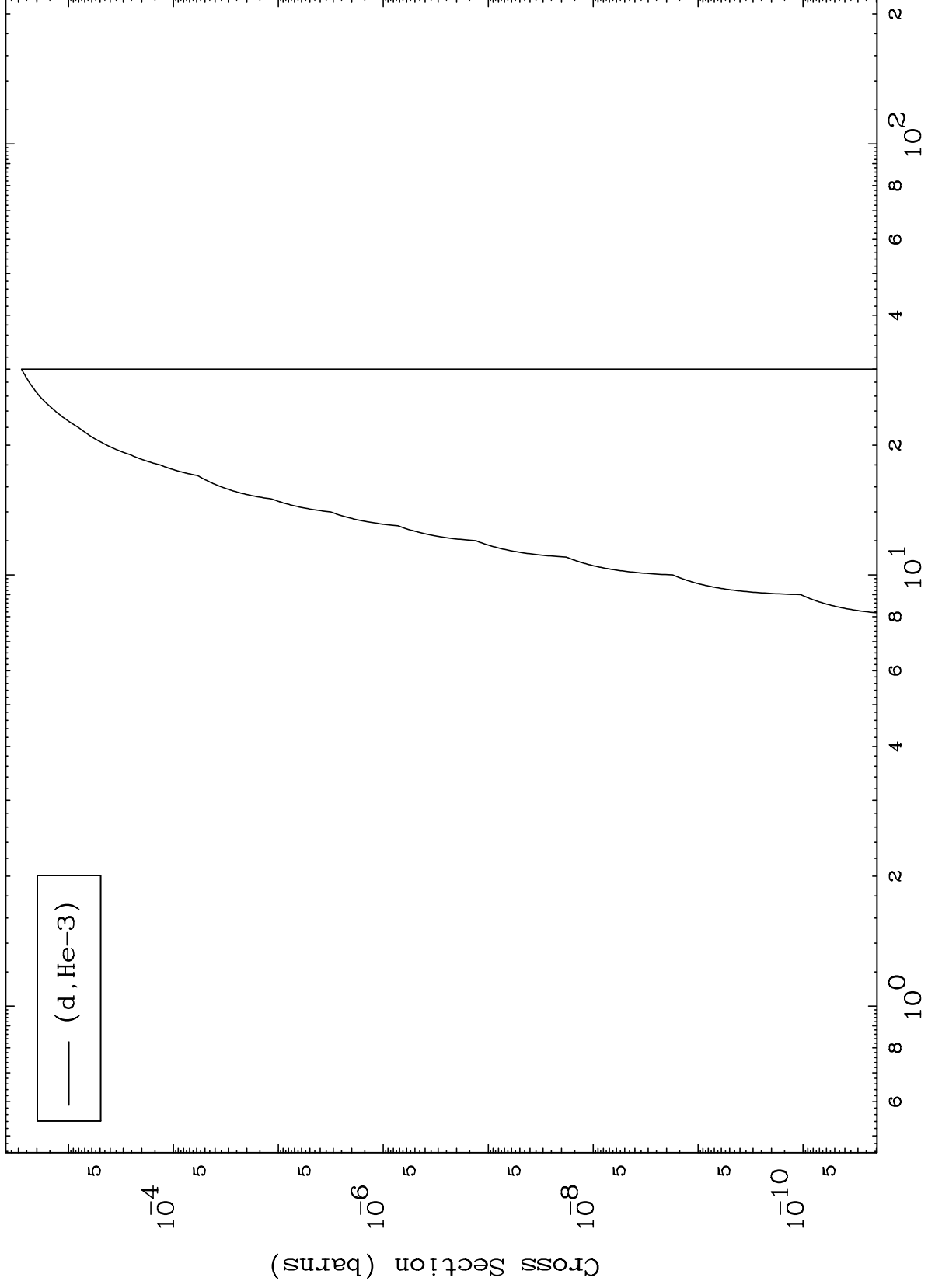
(d,t)

MAT 5816

(d,He3) Levels

58-Ce-133

0 Kelvin Cross Sections



10

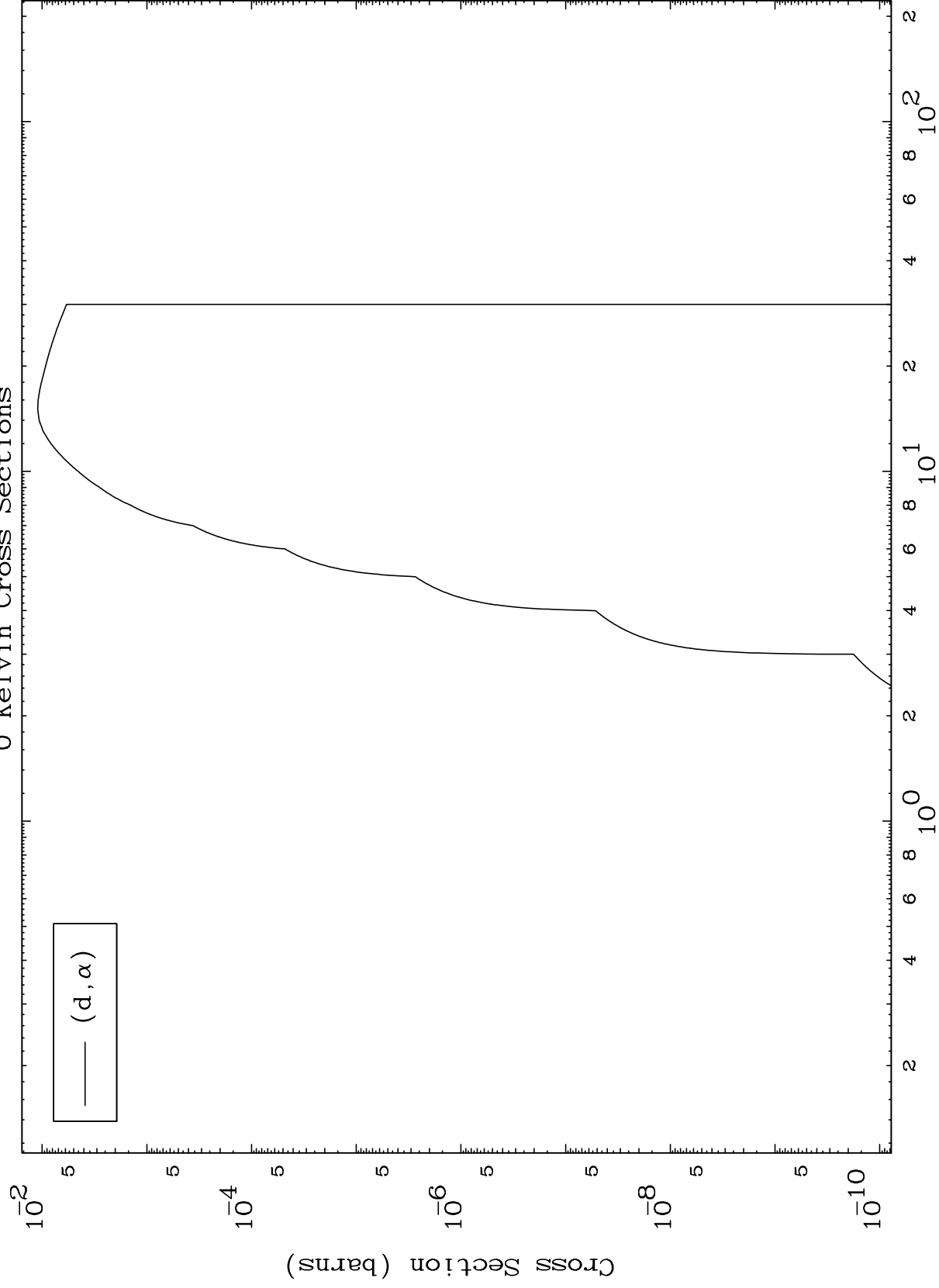
Incident Energy (MeV)

58-Ce-133

MAT 5816

58-Ce-133

(d, α) Levels
0 Kelvin Cross Sections



58-Ce-133

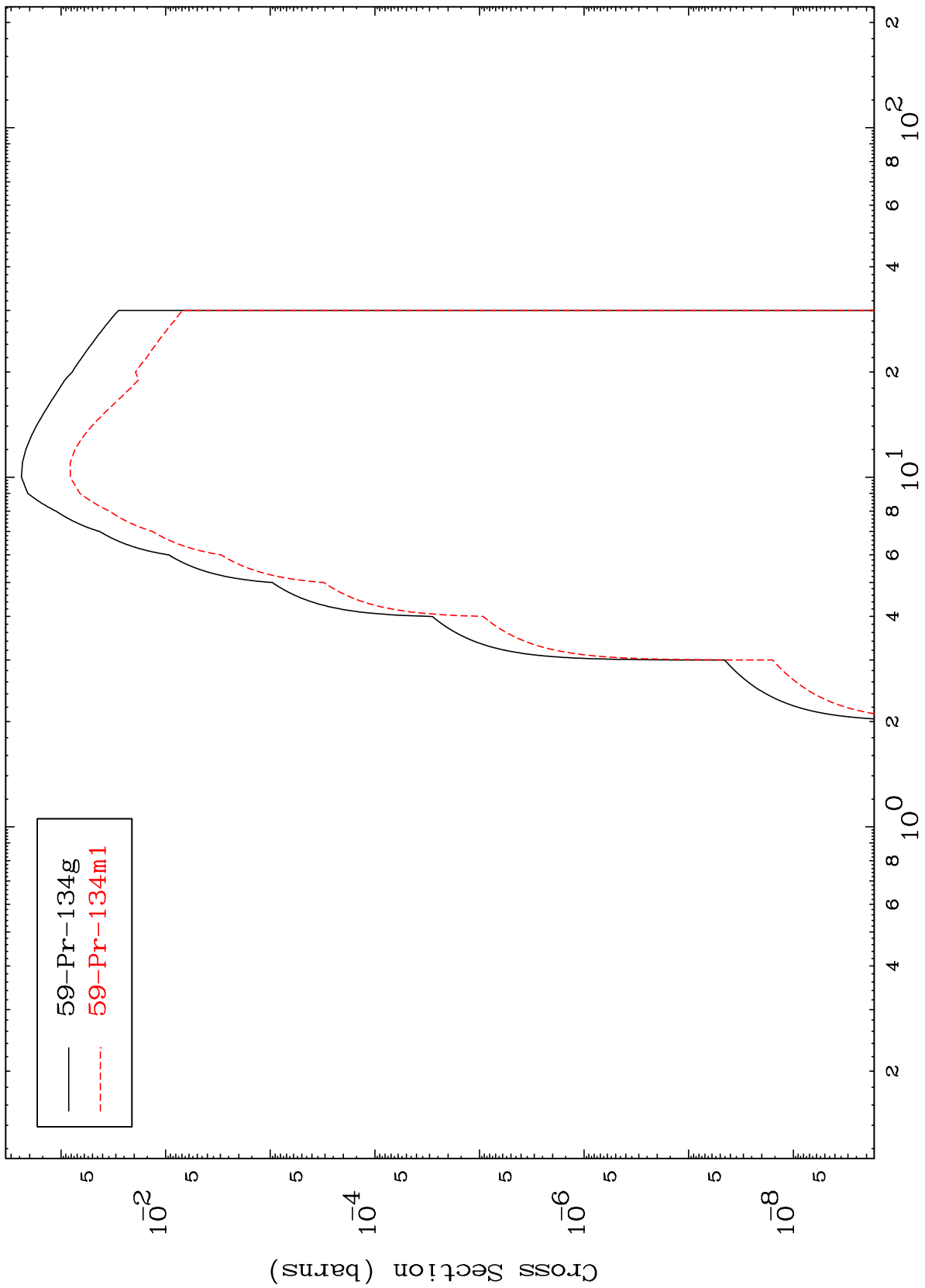
Incident Energy (MeV)

11

MAT 5816

Deuteron Inelastic
Radionuclide Production Cross Section

58-Ce-133



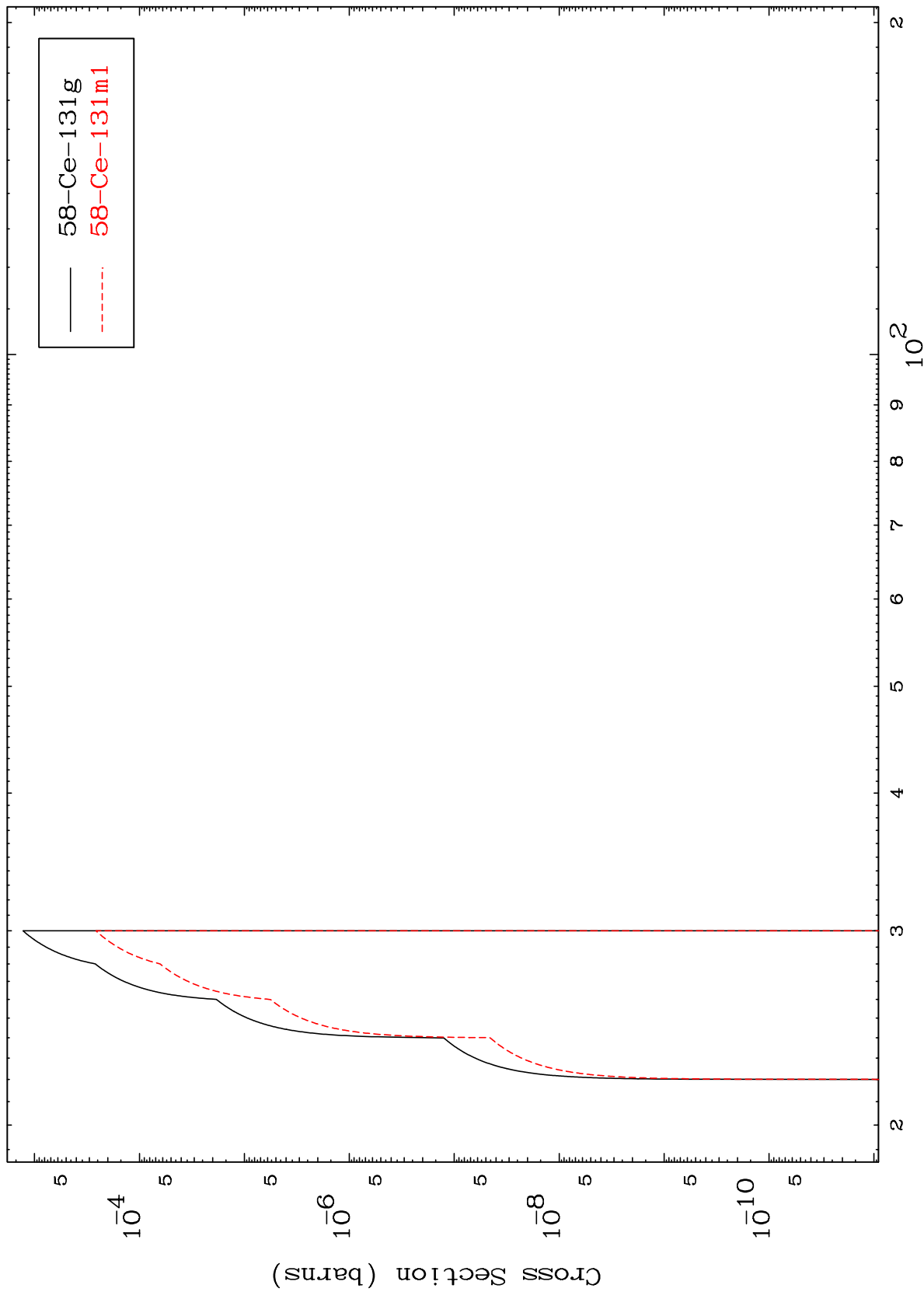
58-Ce-133

MAT 5816

(d,2n) d

58-Ce-133

Radionuclide Production Cross Section



13

Incident Energy (MeV)

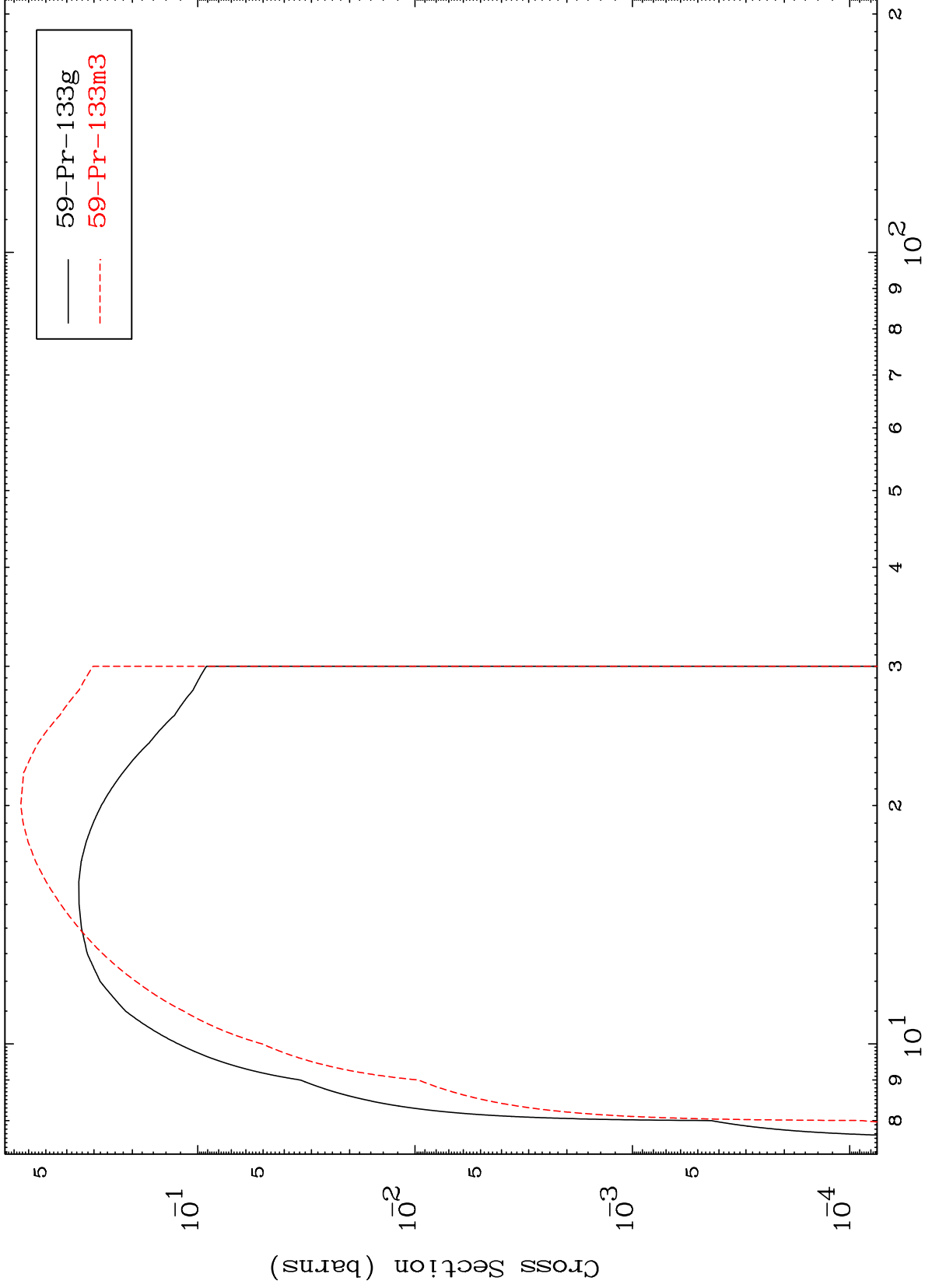
58-Ce-133

MAT 5816

(d,2n)

58-Ce-133

Radionuclide Production Cross Section



14

Incident Energy (MeV)

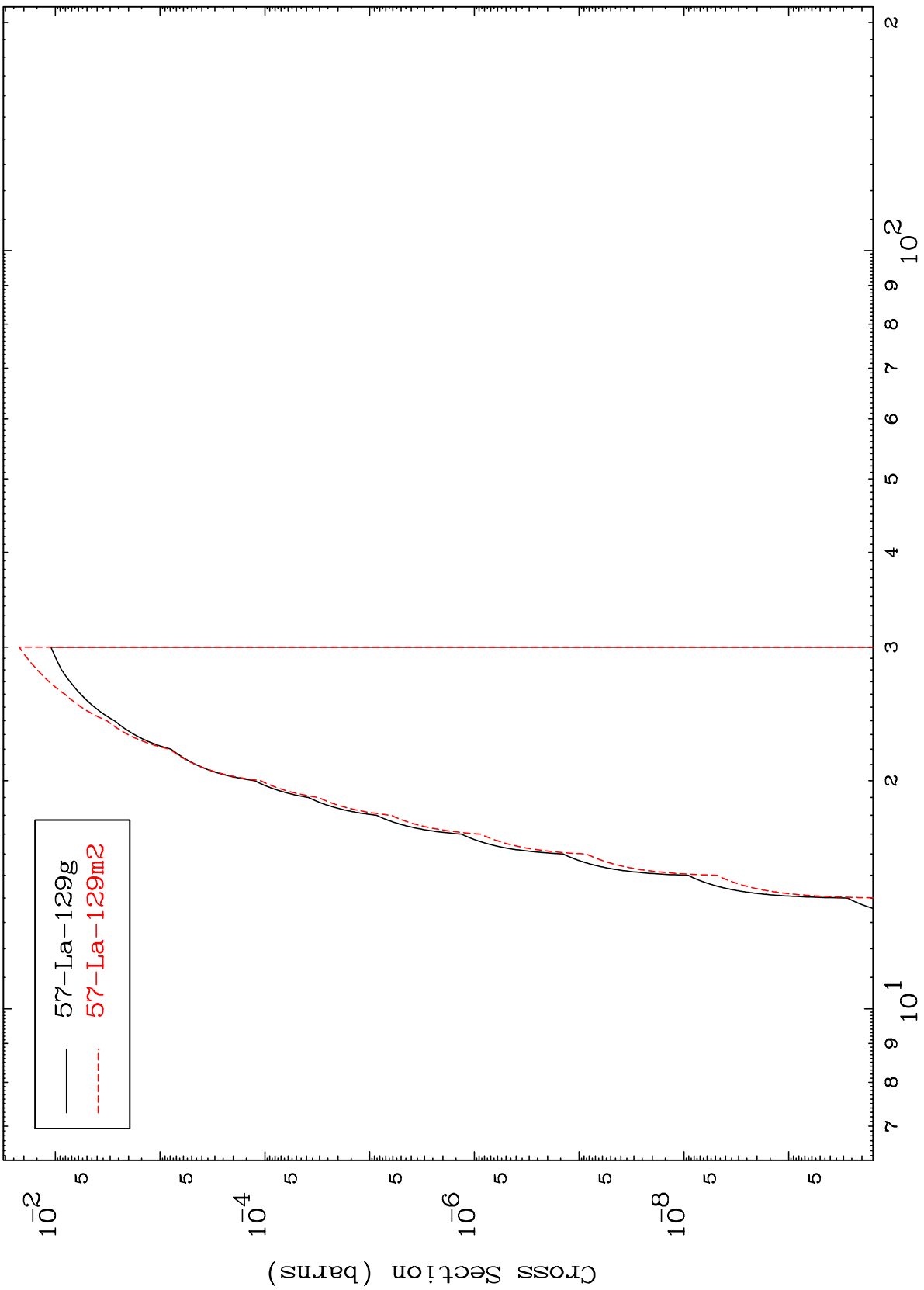
58-Ce-133

MAT 5816

(d,2n) α

58-Ce-133

Radionuclide Production Cross Section



15

Incident Energy (MeV)

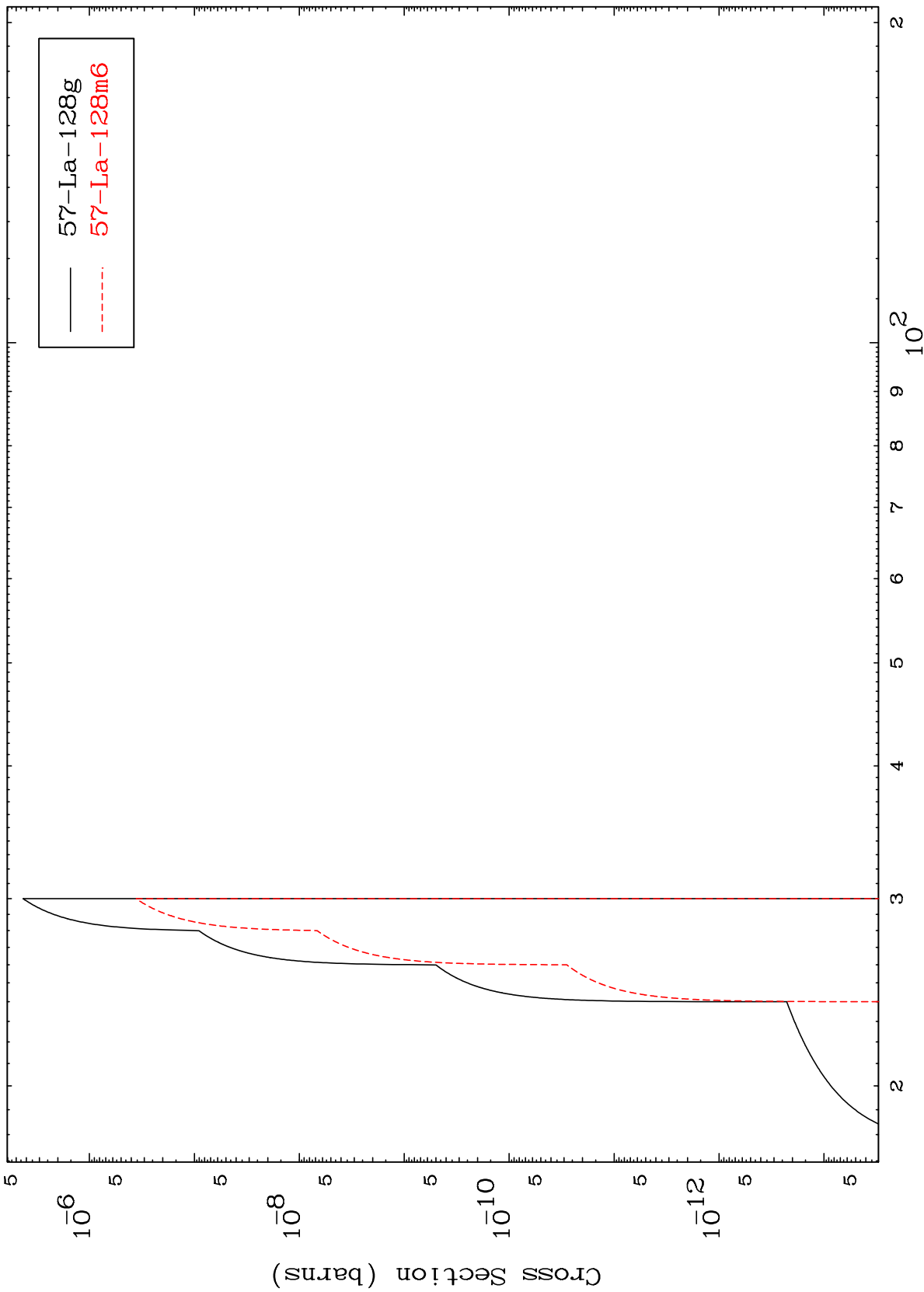
58-Ce-133

MAT 5816

(d,3n) α

58-Ce-133

Radionuclide Production Cross Section



16

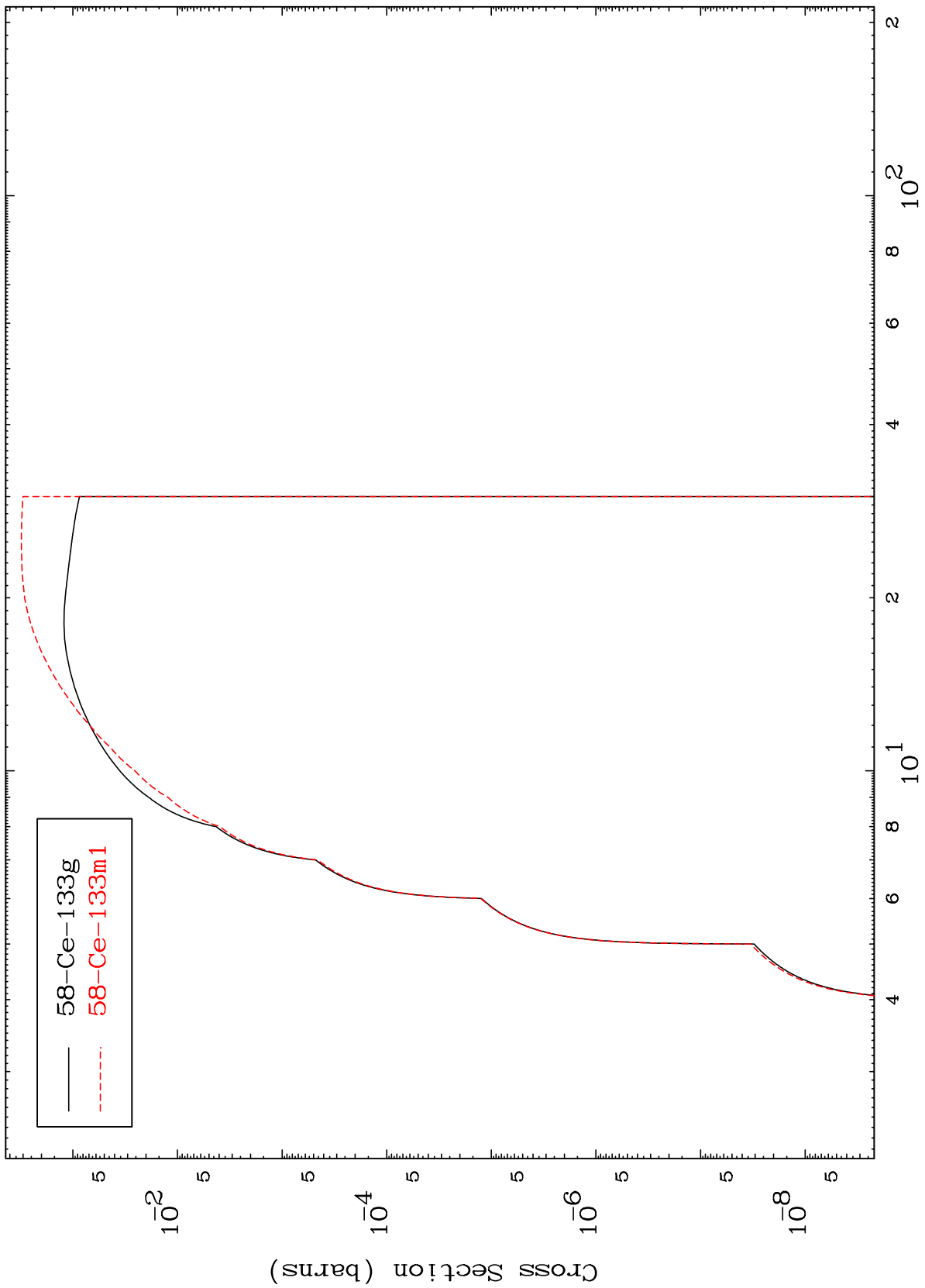
Incident Energy (MeV)

58-Ce-133

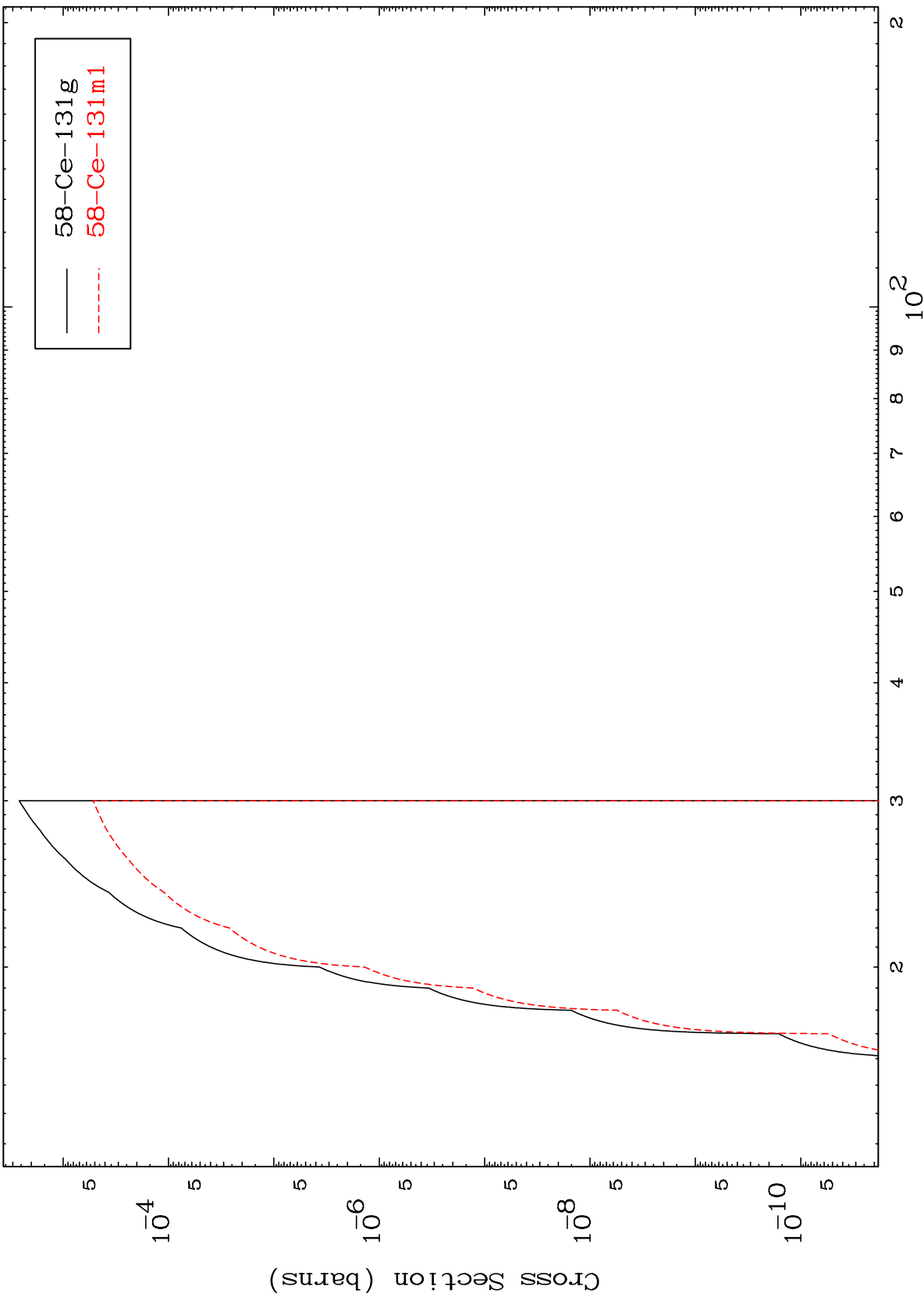
MAT 5816

58-Ce-133

(d,n') p
Radionuclide Production Cross Section



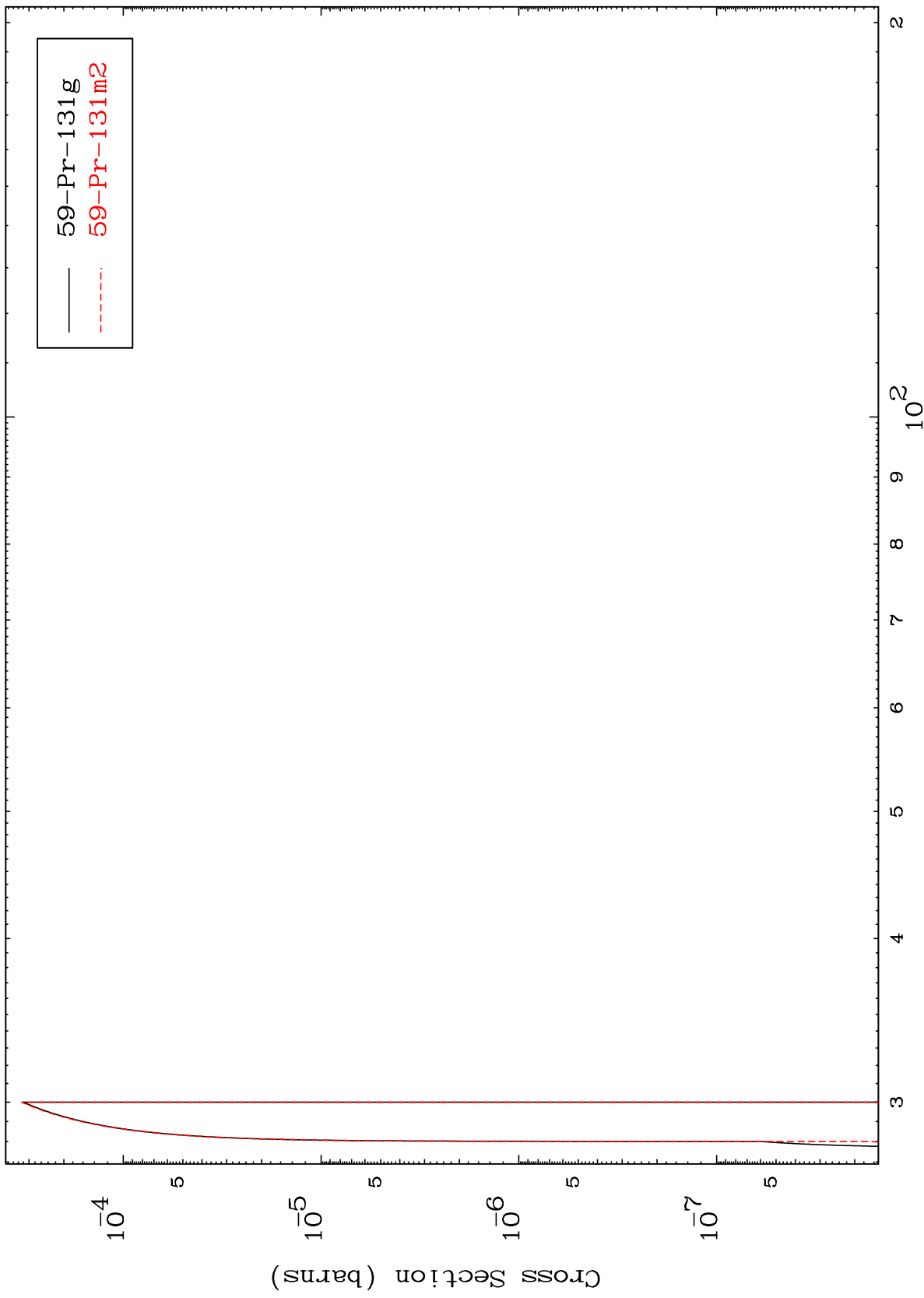
Radionuclide Production Cross Section



MAT 5816

58-Ce-133

(d,4n)
Radionuclide Production Cross Section



19

58-Ce-133

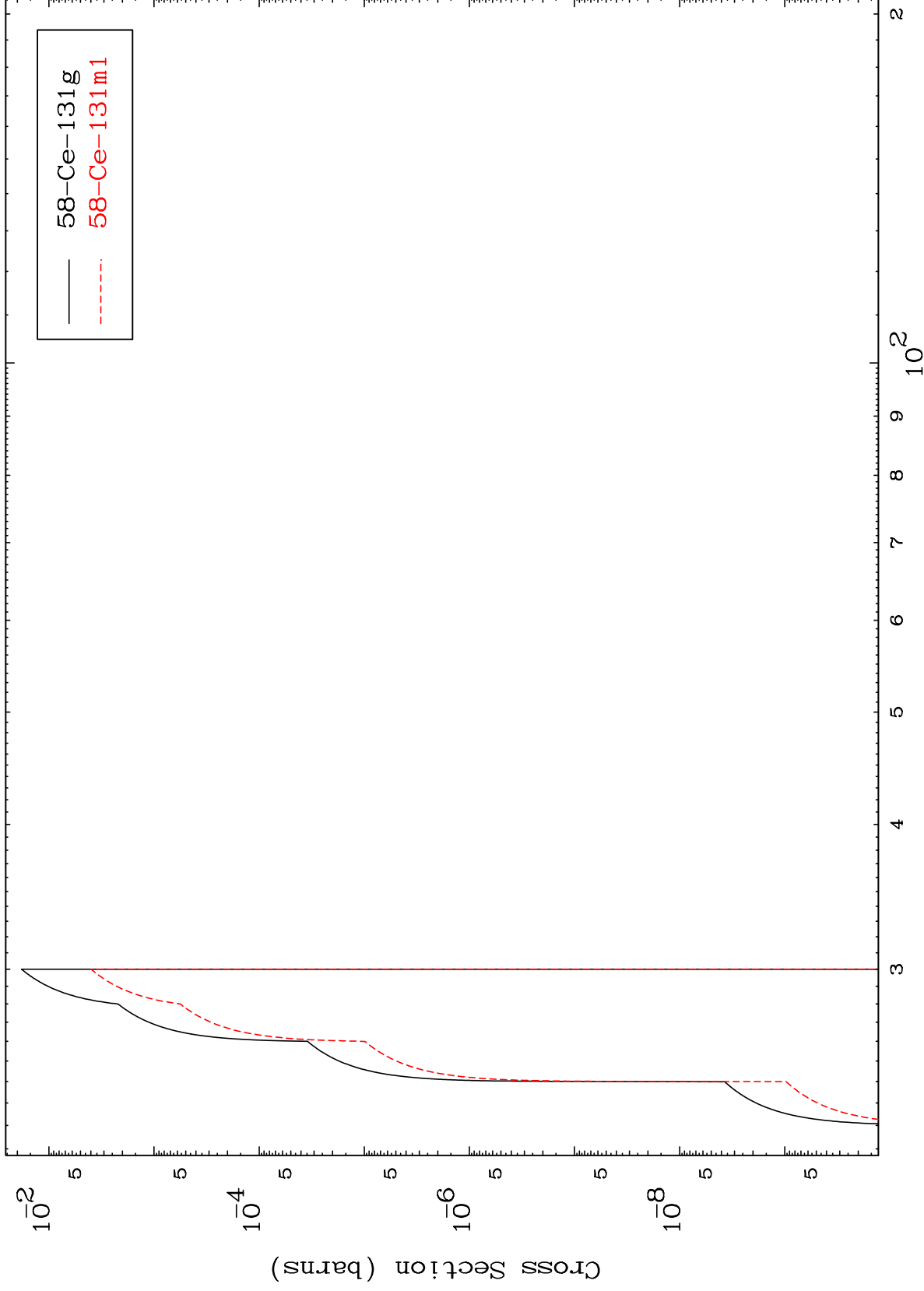
Incident Energy (MeV)

MAT 5816

(d,3n) p

58-Ce-133

Radionuclide Production Cross Section



20

Incident Energy (MeV)

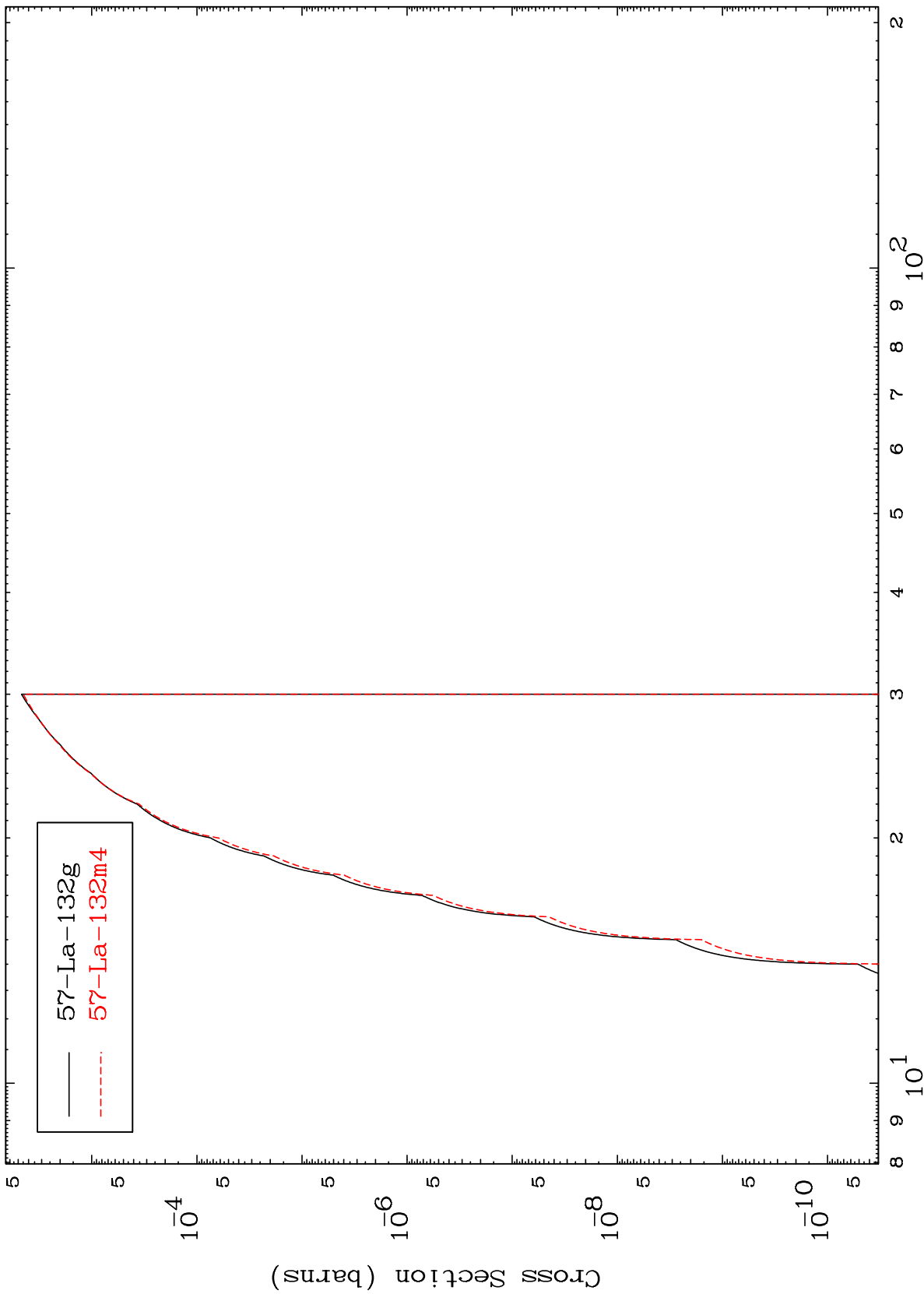
58-Ce-133

MAT 5816

(d,2n) p

58-Ce-133

Radionuclide Production Cross Section

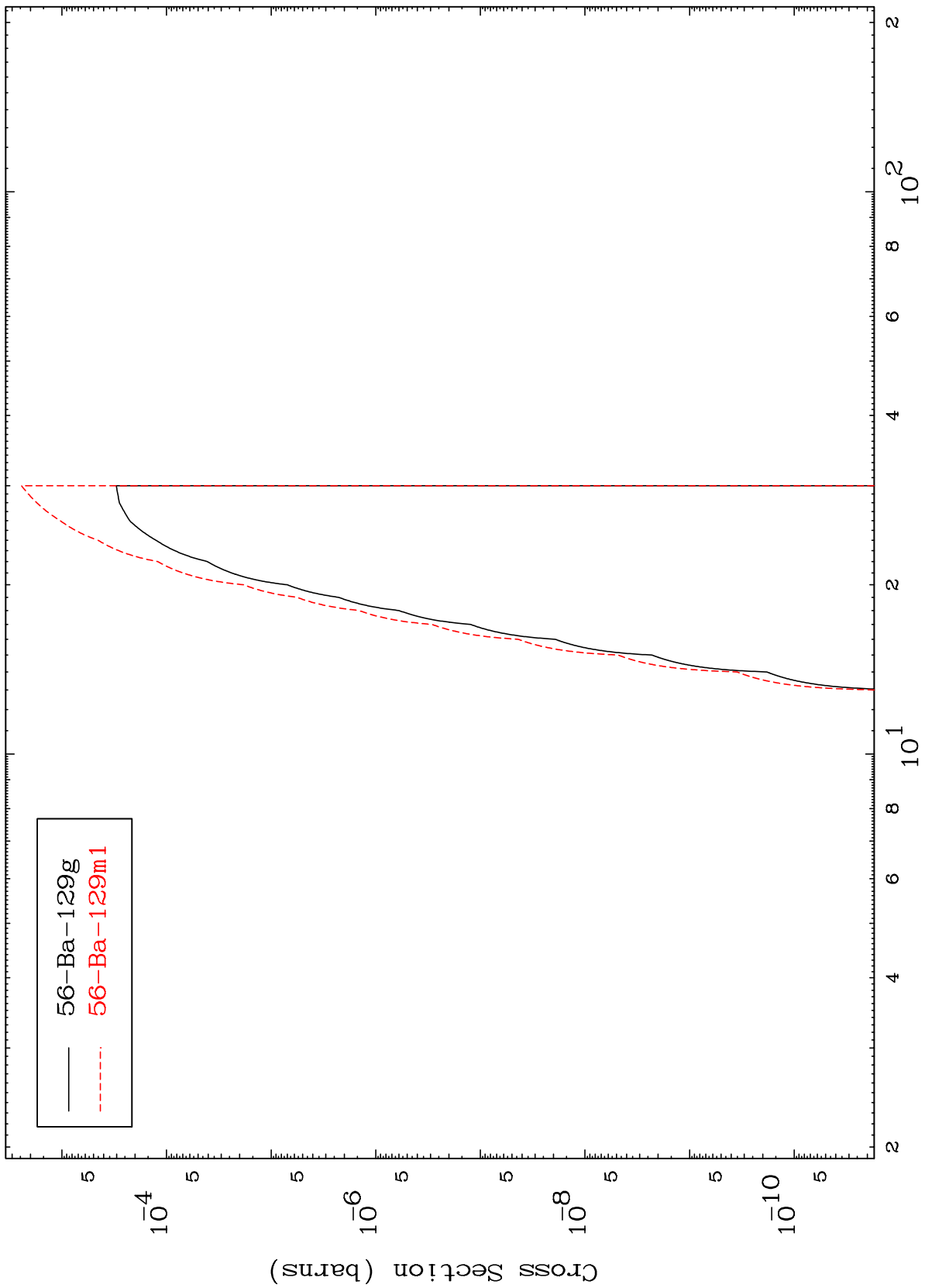


MAT 5816

(d,n') p α

58-Ce-133

Radionuclide Production Cross Section



22

Incident Energy (MeV)

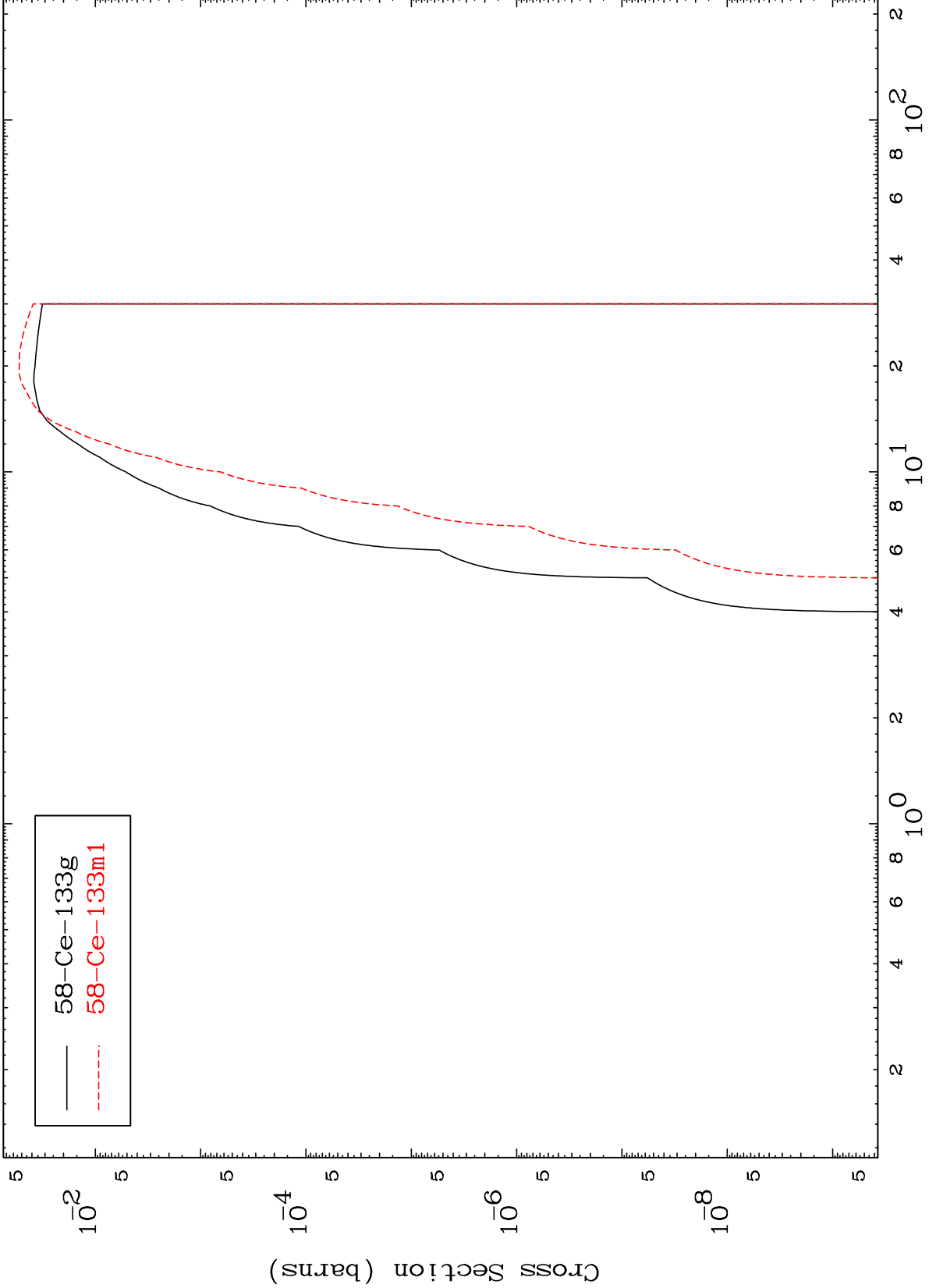
58-Ce-133

MAT 5816

(d,d)

58-Ce-133

Radionuclide Production Cross Section



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

Incident Energy (MeV)

58-Ce-133

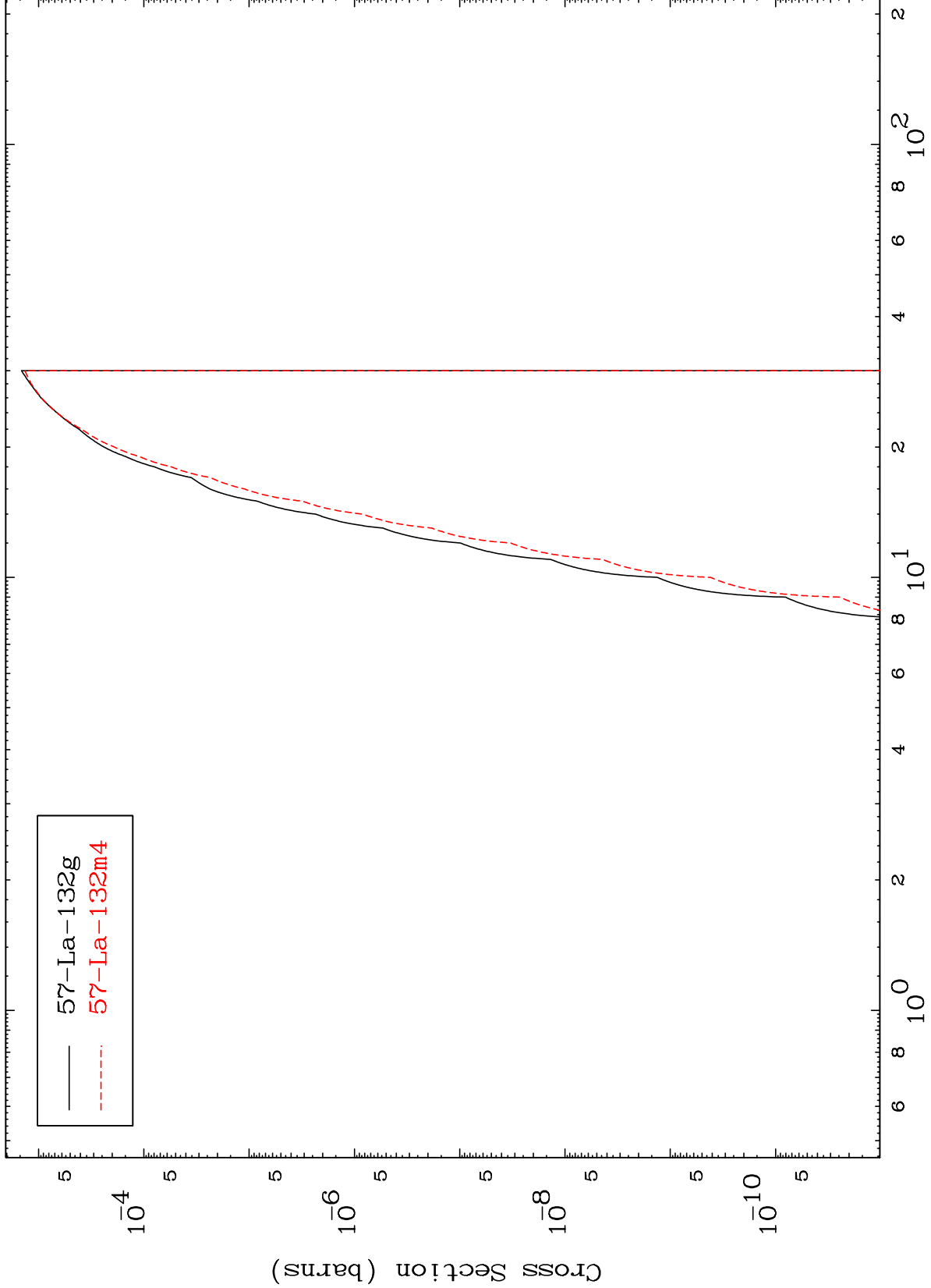
23

MAT 5816

(d,He-3)

58-Ce-133

Radionuclide Production Cross Section



57-La-132g
57-La-132m4

24

Incident Energy (MeV)

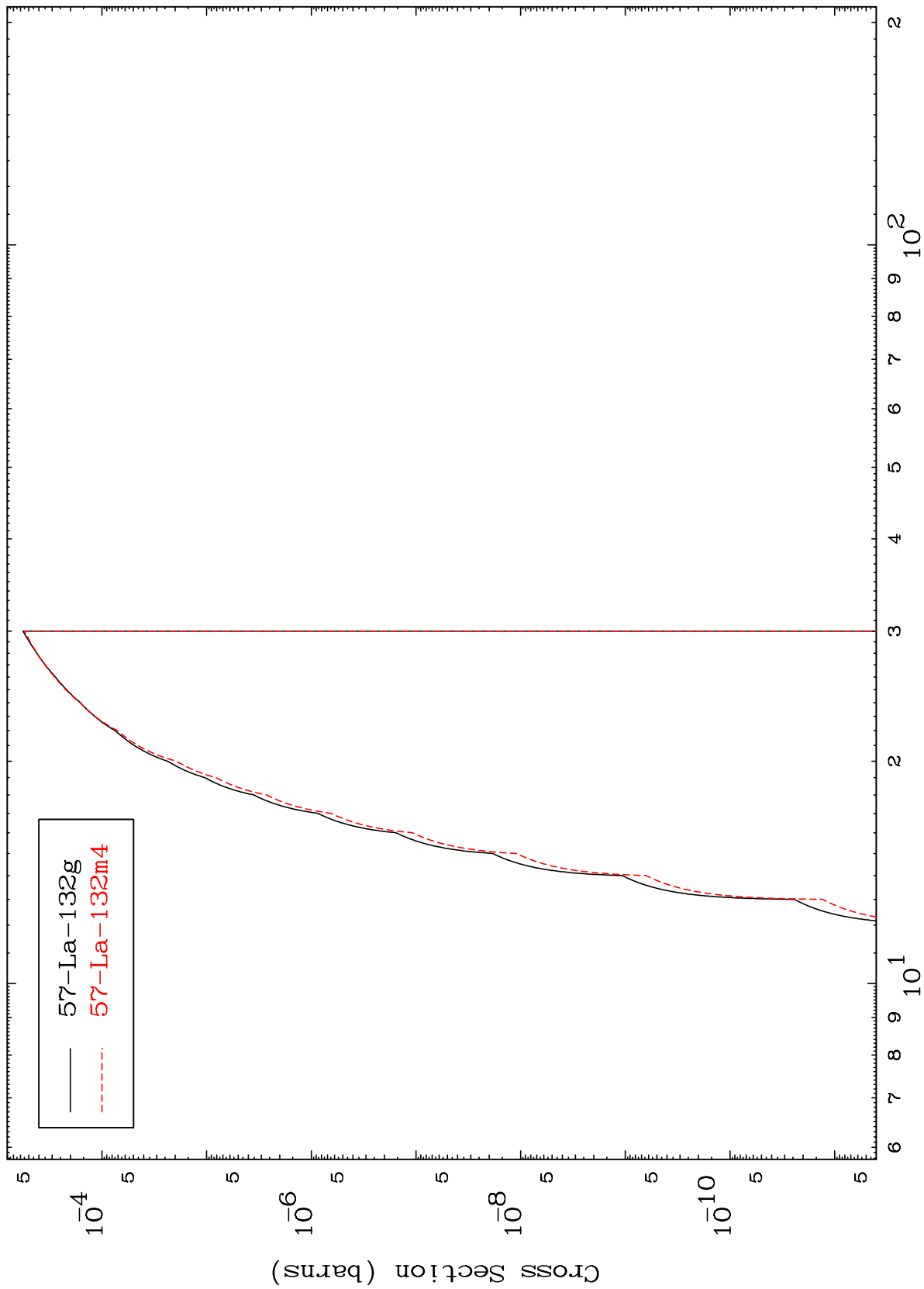
58-Ce-133

MAT 5816

(d,p) d

58-Ce-133

Radionuclide Production Cross Section



25

Incident Energy (MeV)

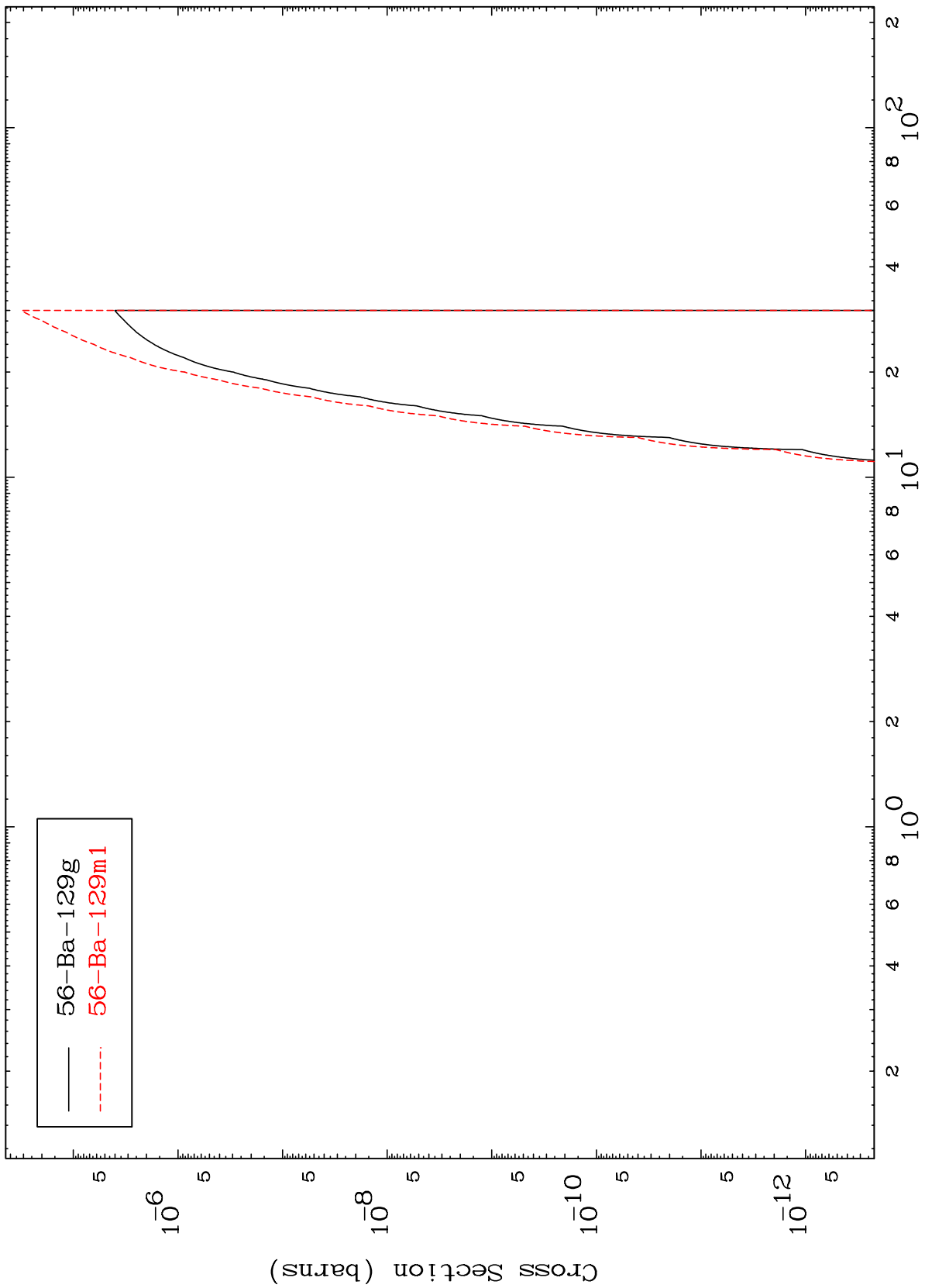
58-Ce-133

MAT 5816

(d,d) α

58-Ce-133

Radionuclide Production Cross Section



26

58-Ce-133