

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

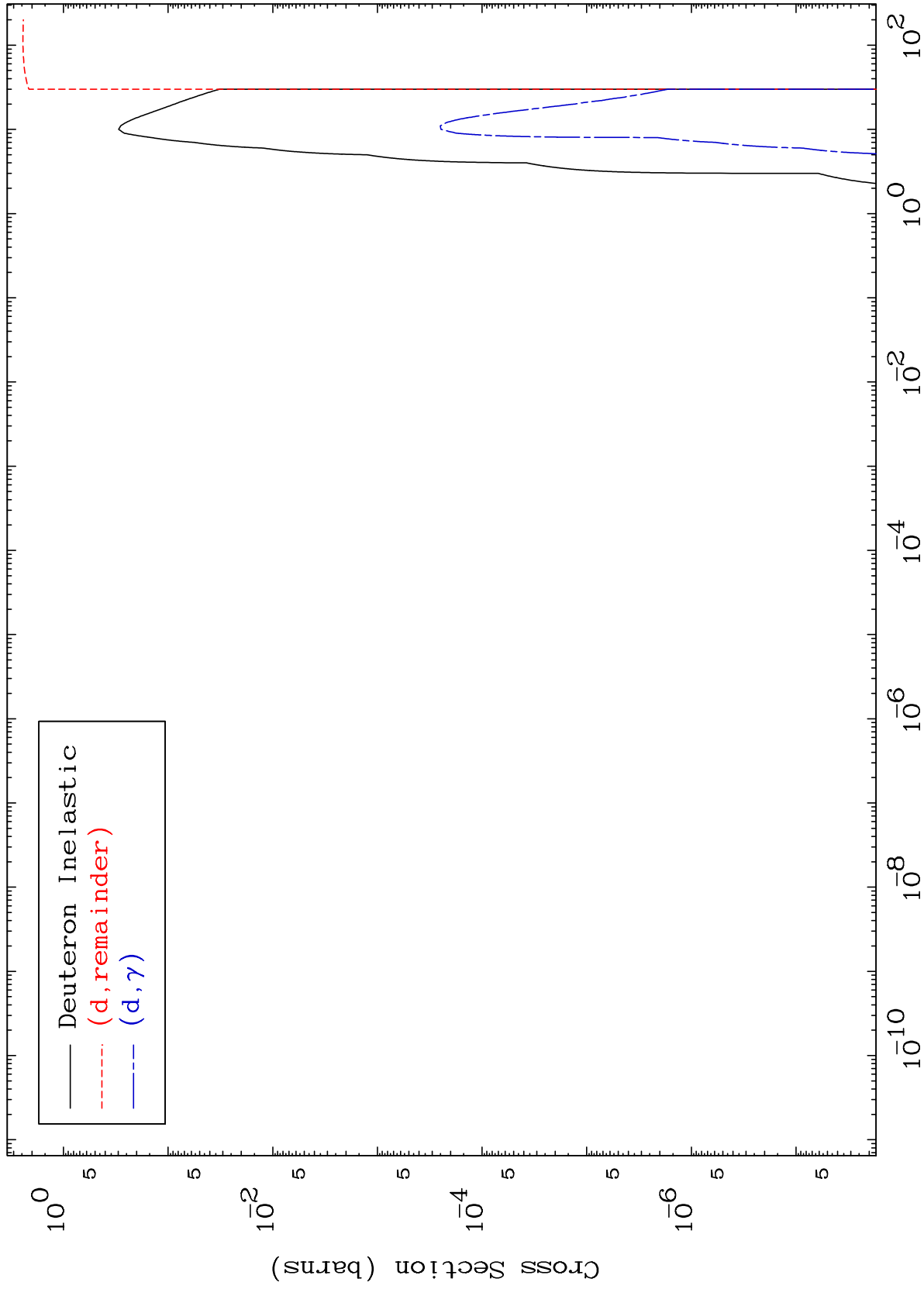
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5816

Deuteron Major  
0 Kelvin Cross Sections

58-Ce-133

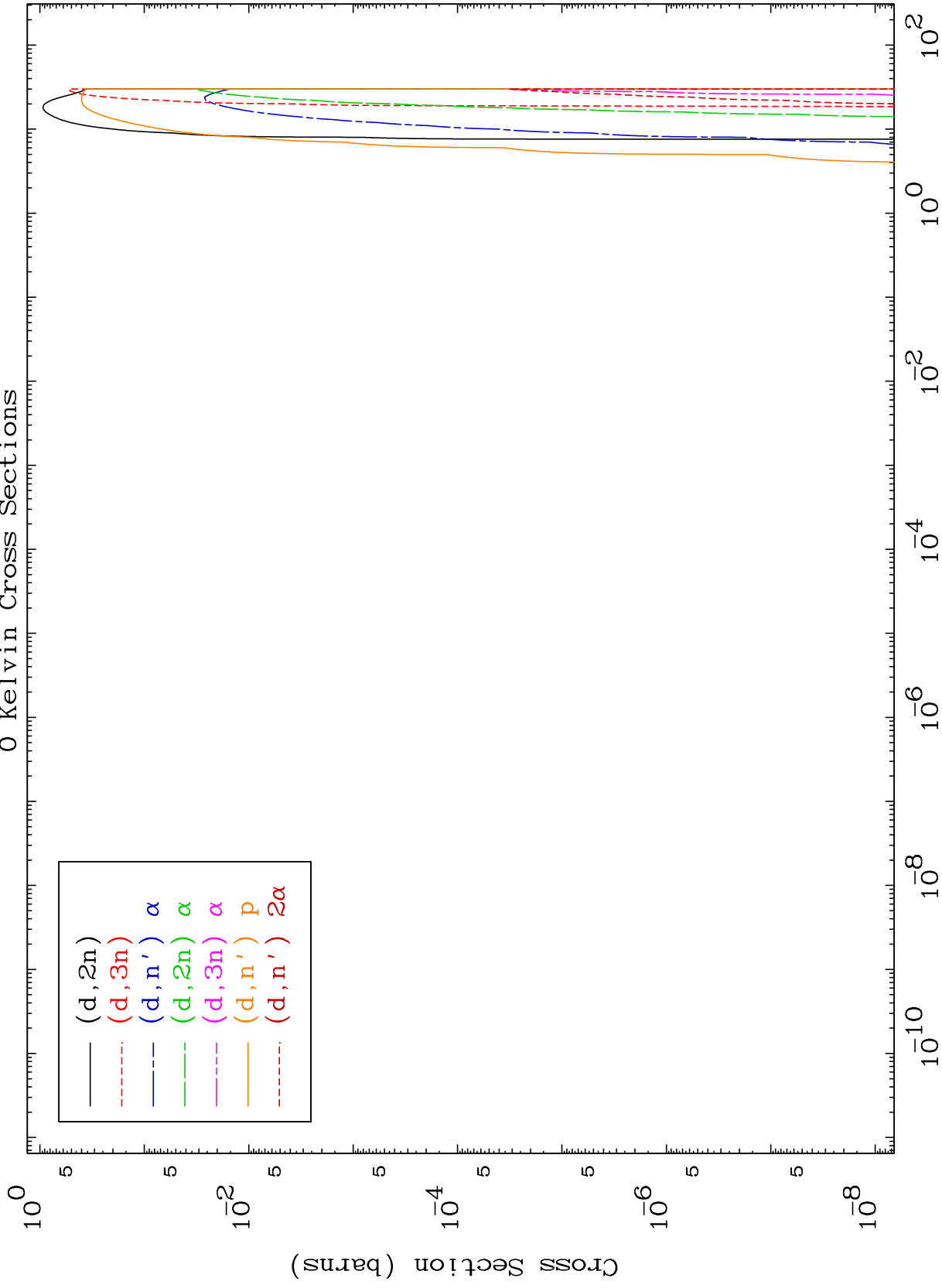


58-Ce-133

MAT 5816

Deuteron Neutron Production  
0 Kelvin Cross Sections

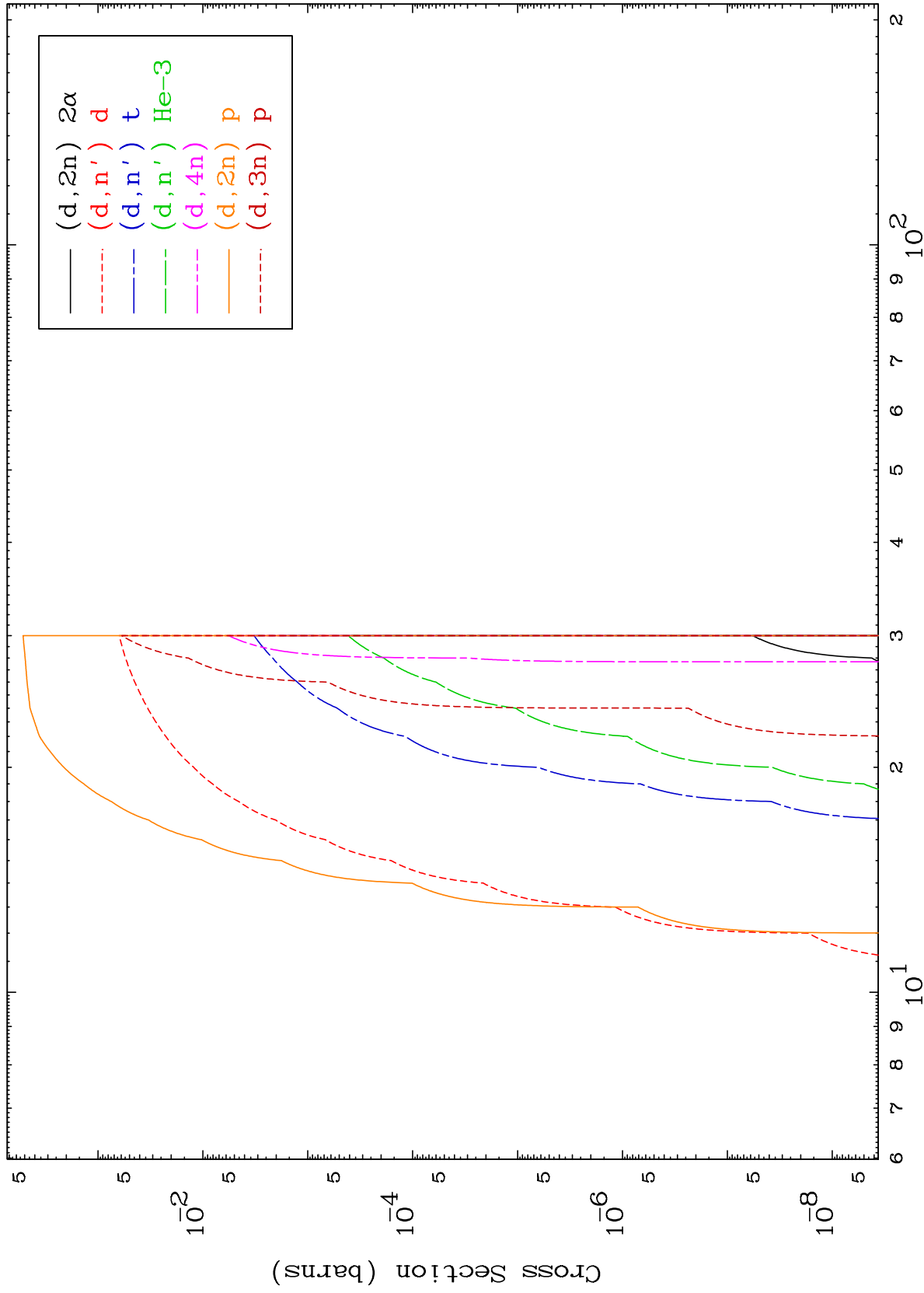
58-Ce-133



2

Incident Energy (MeV)

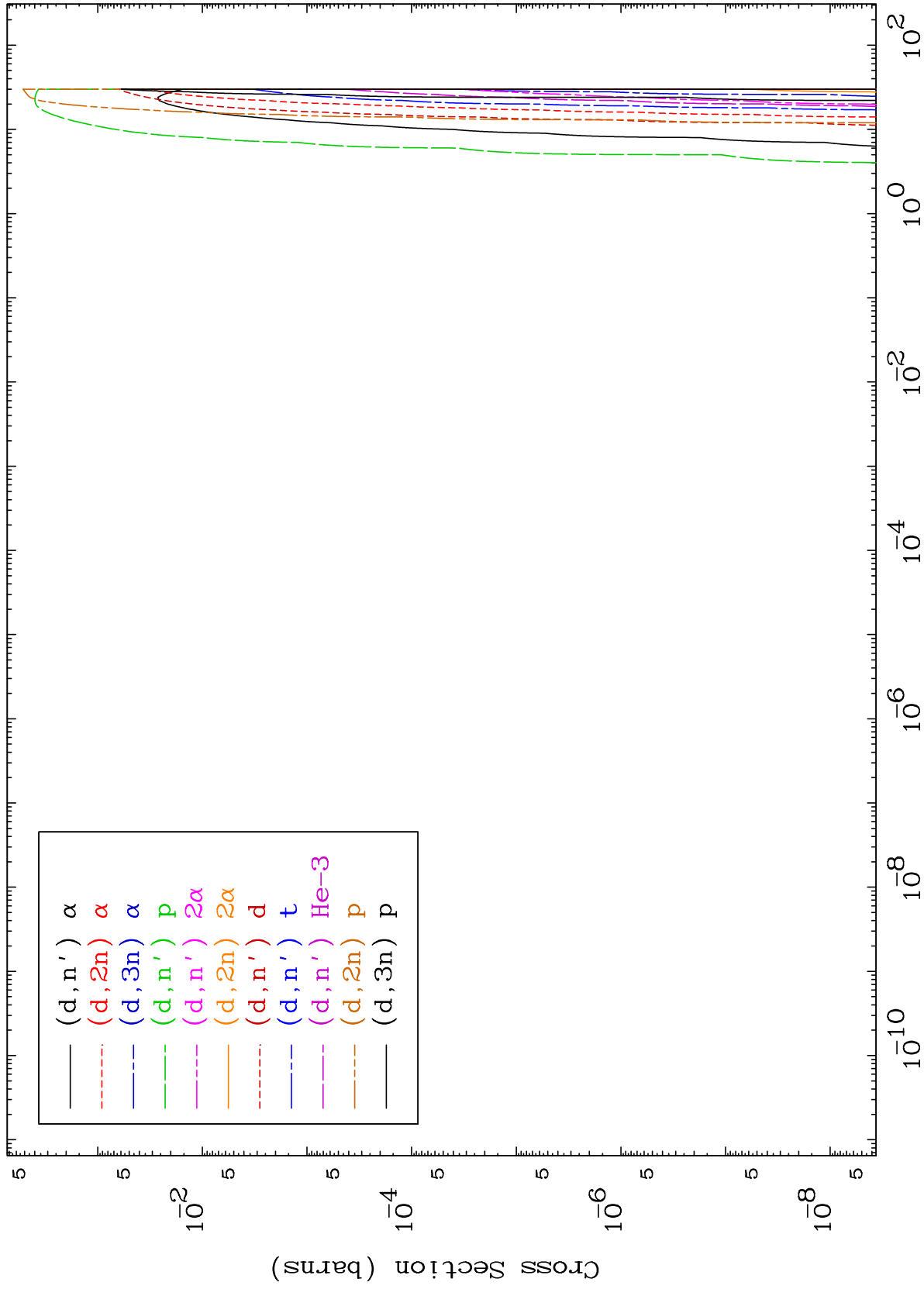
58-Ce-133



MAT 5816

Deuteron Charged Particle  
0 Kelvin Cross Sections

58-Ce-133

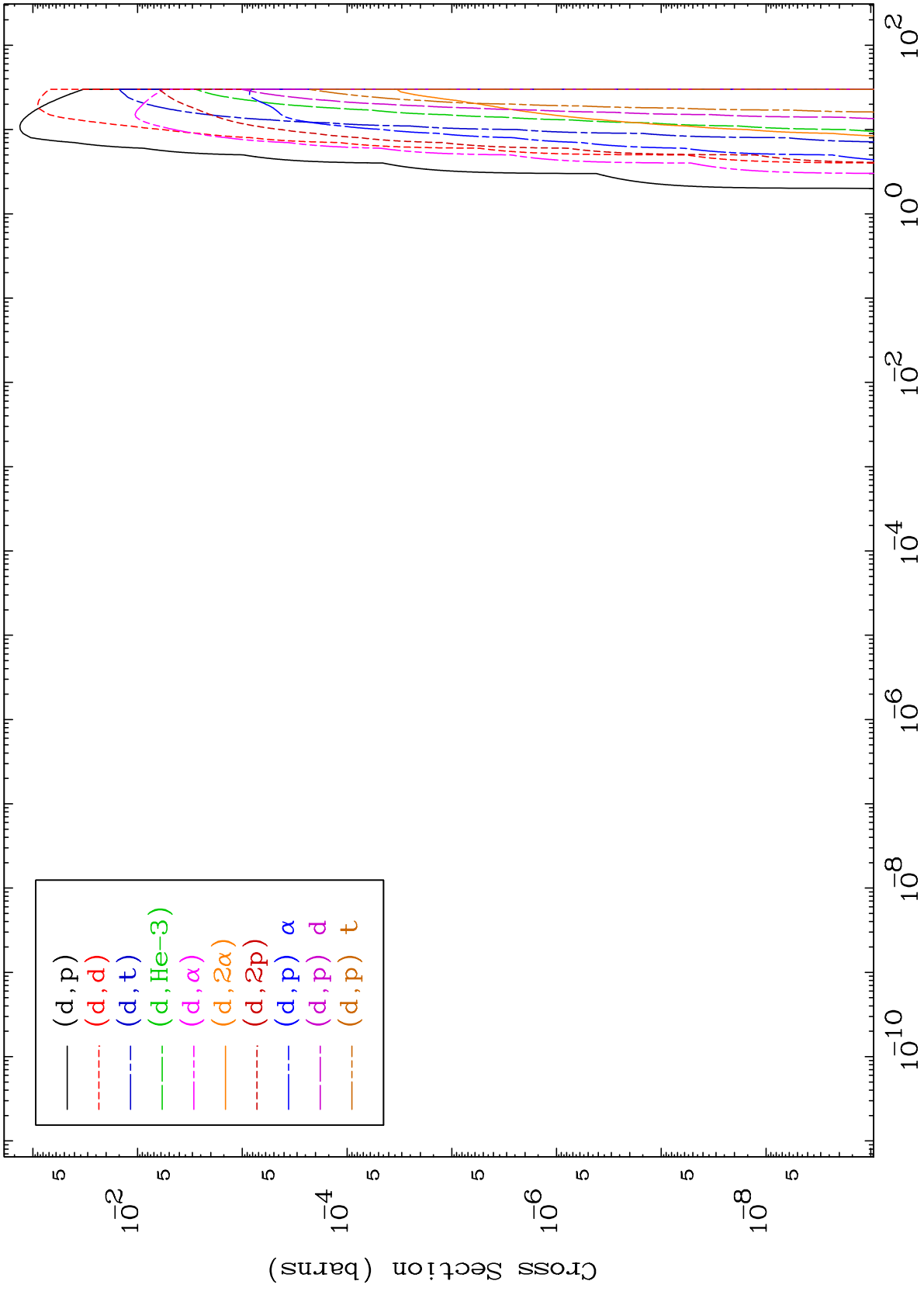


58-Ce-133

MAT 5816

Deuteron Charged Particle  
0 Kelvin Cross Sections

58-Ce-133



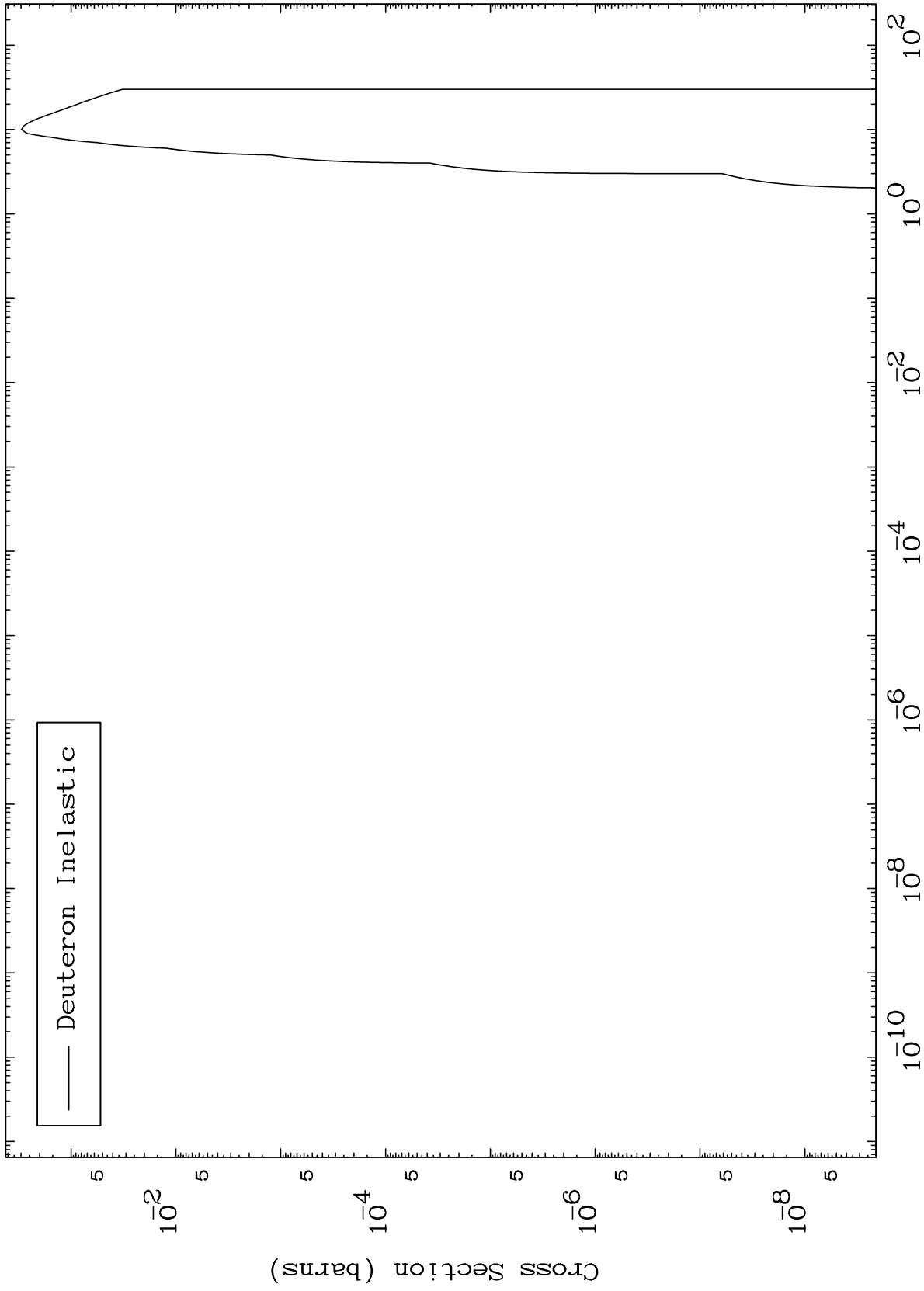
5

58-Ce-133

MAT 5816

(d,n') Level  
0 Kelvin Cross Sections

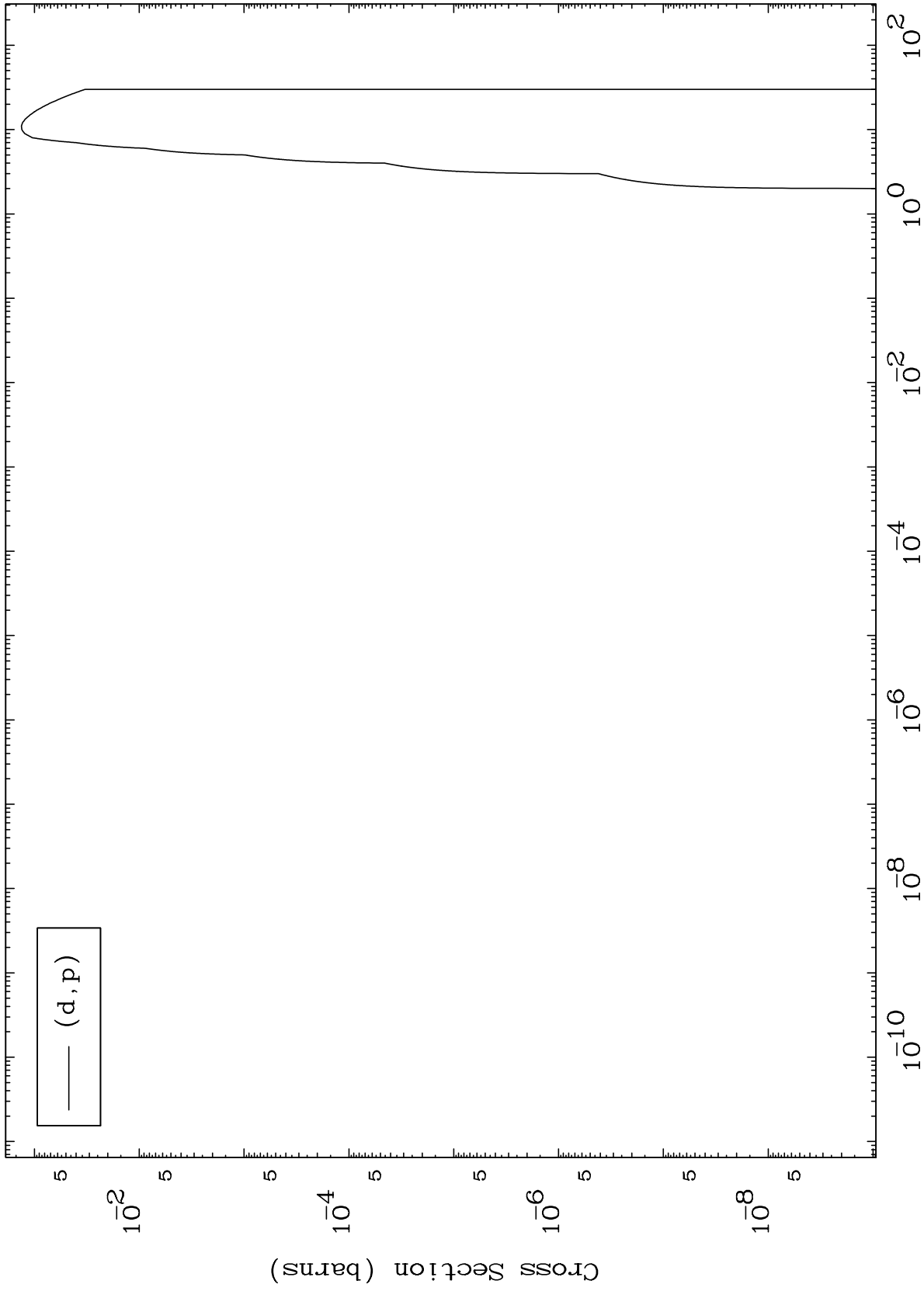
58-Ce-133



MAT 5816

(d,p) Levels  
0 Kelvin Cross Sections

58-Ce-133



7

Incident Energy (MeV)

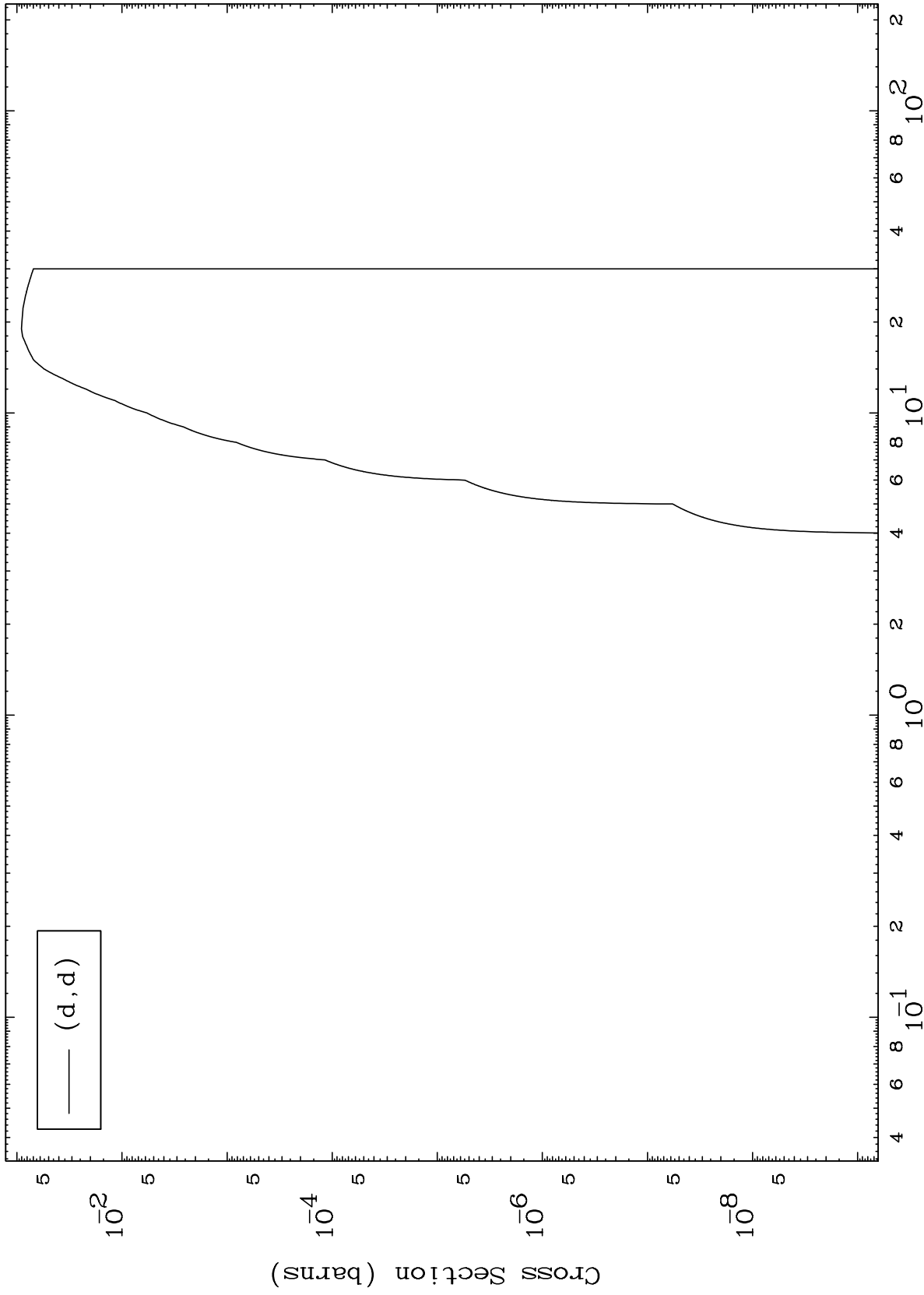
58-Ce-133



MAT 5816

(d,d) Levels  
0 Kelvin Cross Sections

58-Ce-133



8

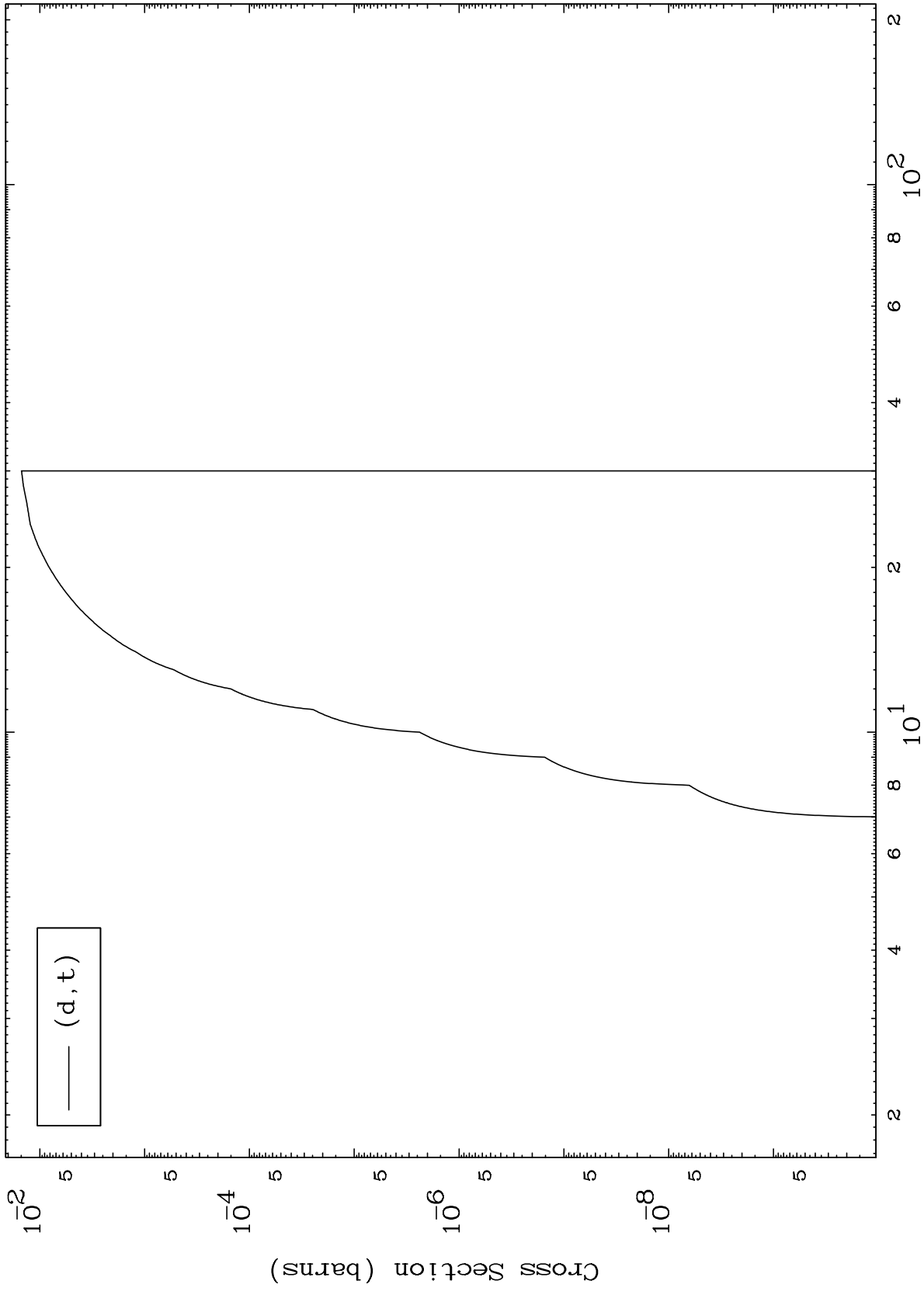
Incident Energy (MeV)

58-Ce-133

MAT 5816

(d,t) Levels  
0 Kelvin Cross Sections

58-Ce-133



9

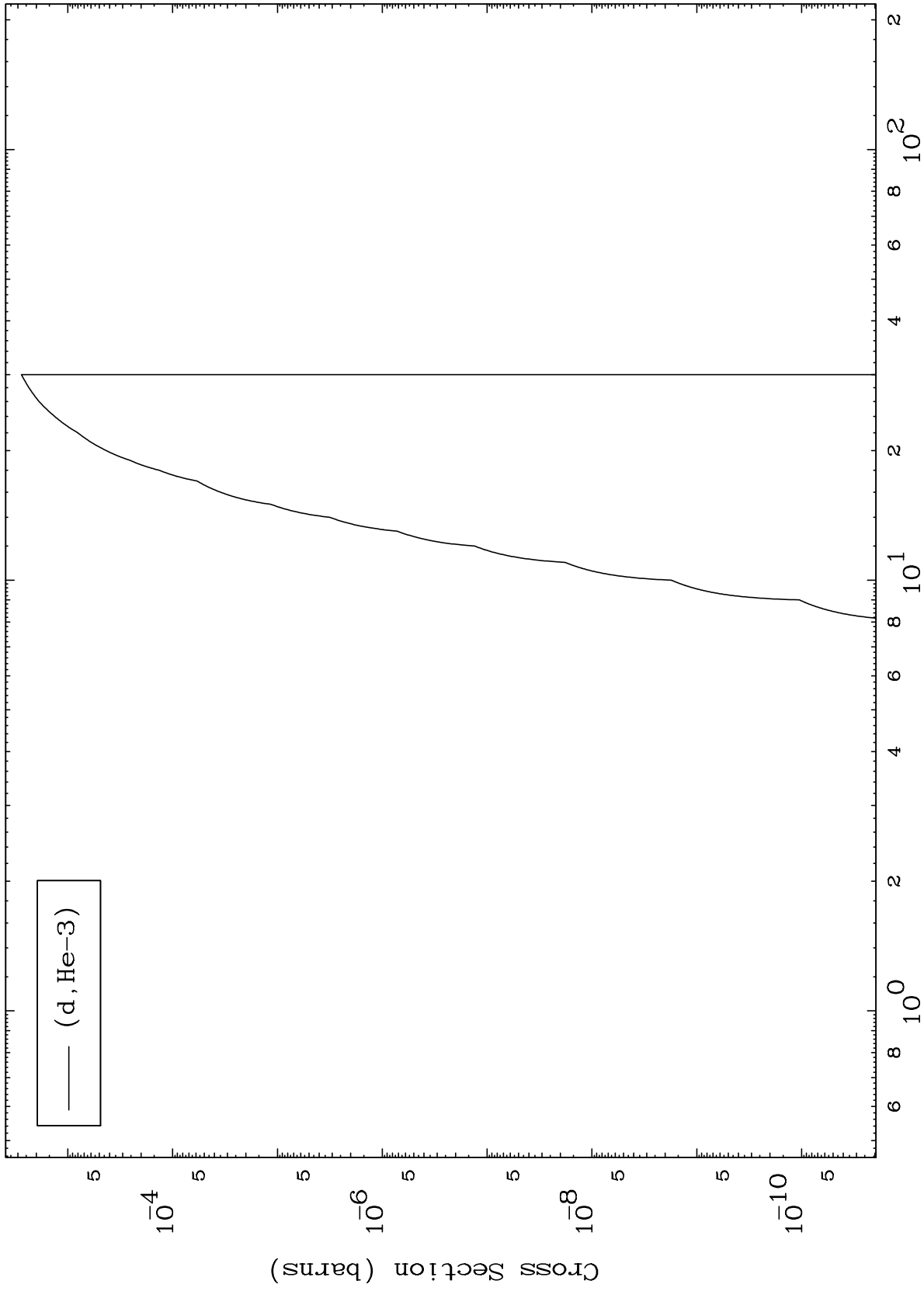
Incident Energy (MeV)

58-Ce-133

MAT 5816

(d,He3) Levels  
0 Kelvin Cross Sections

58-Ce-133



10

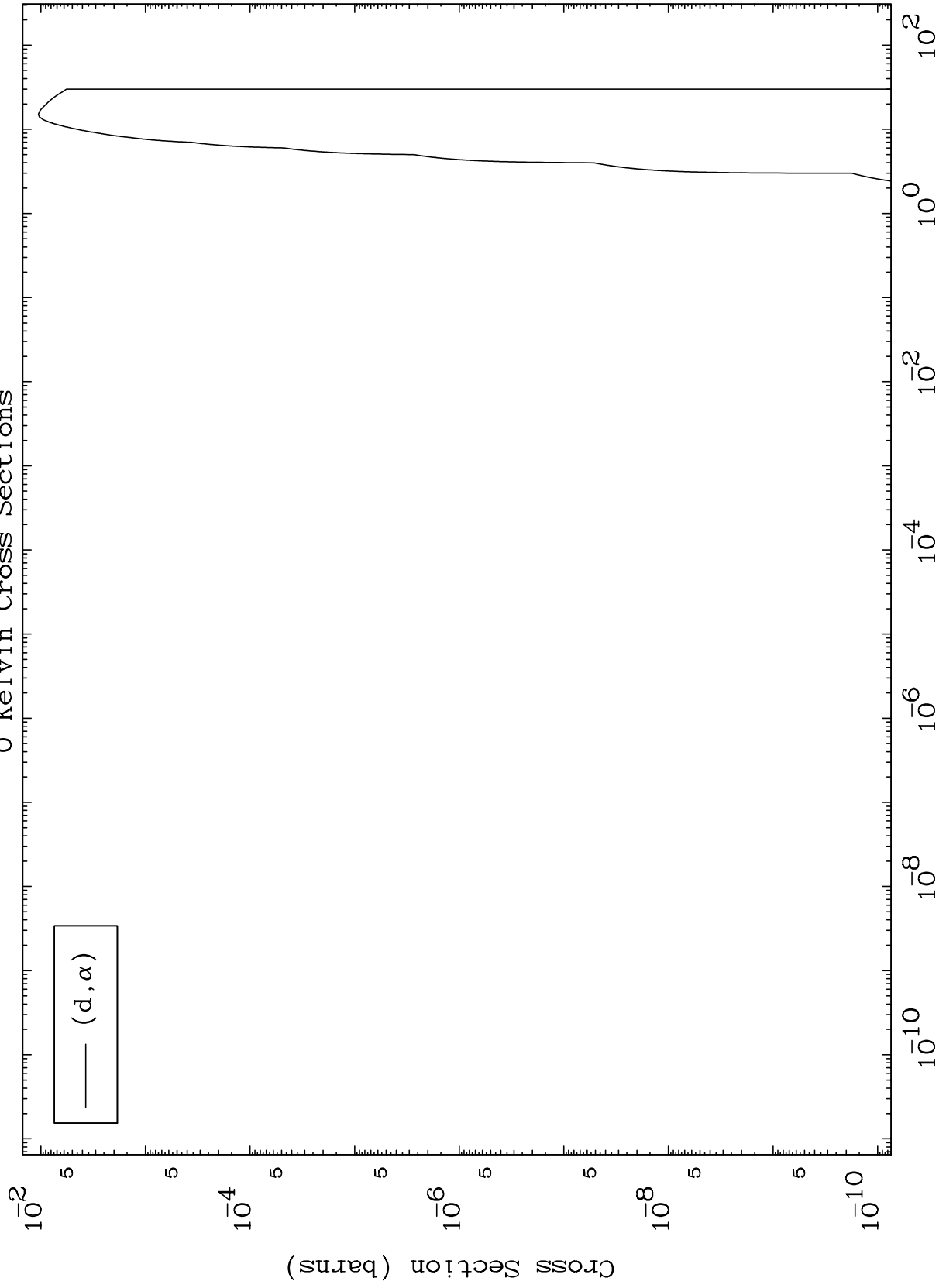
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



11

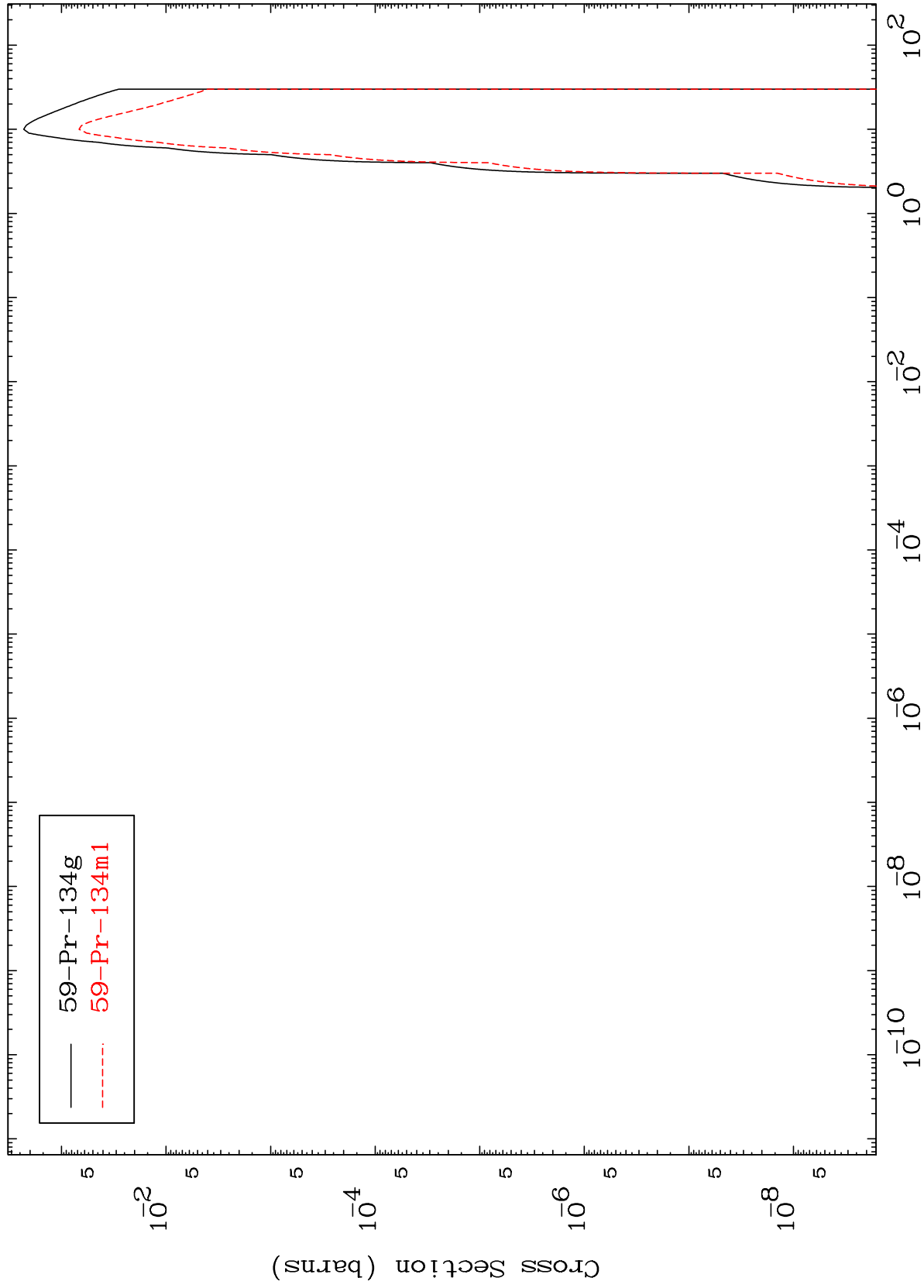
Incident Energy (MeV)

58-Ce-133

MAT 5816

Deuteron Inelastic  
Radionuclide Production Cross Section

58-Ce-133

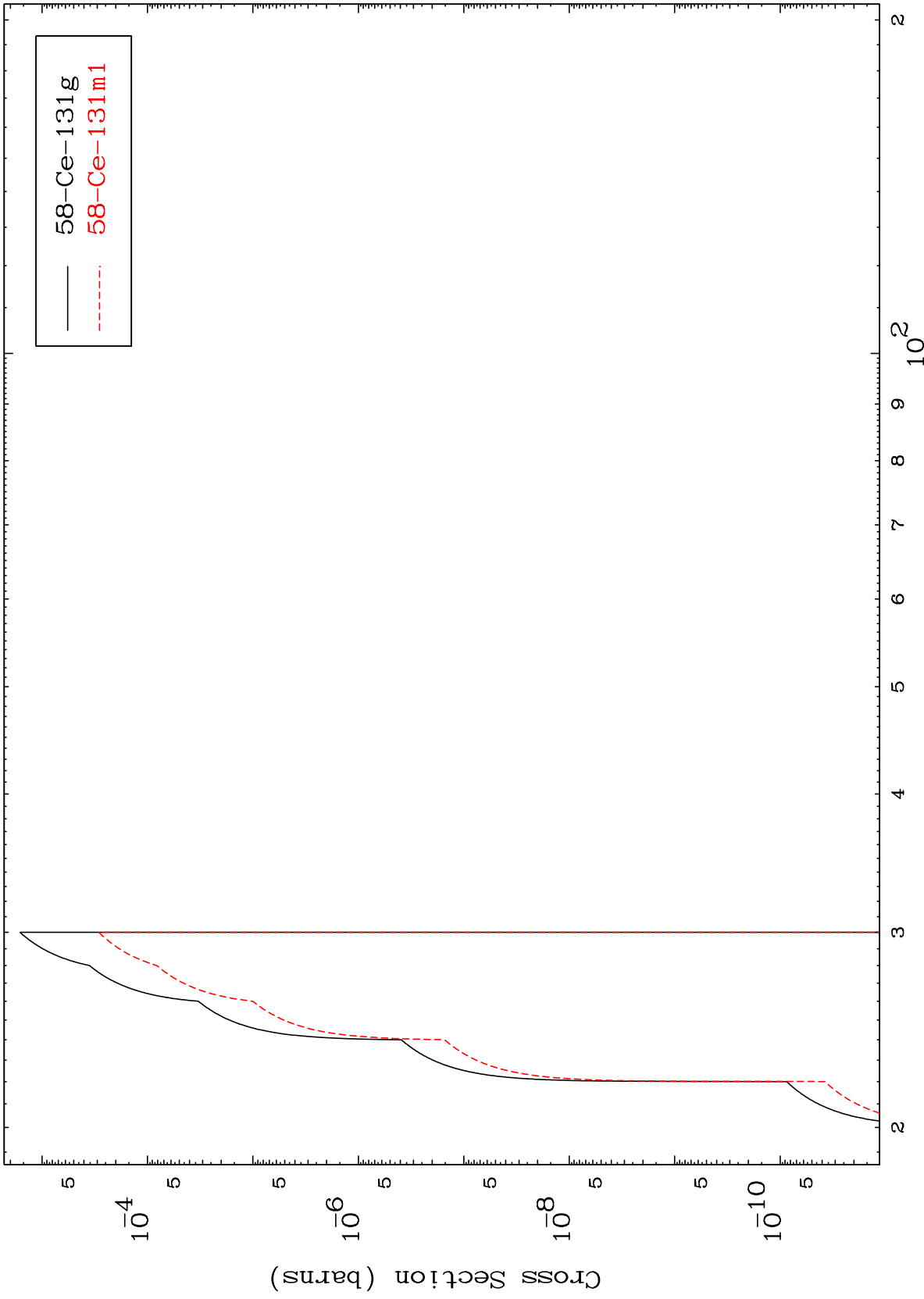


MAT 5816

(d,2n) d

58-Ce-133

Radionuclide Production Cross Section



13

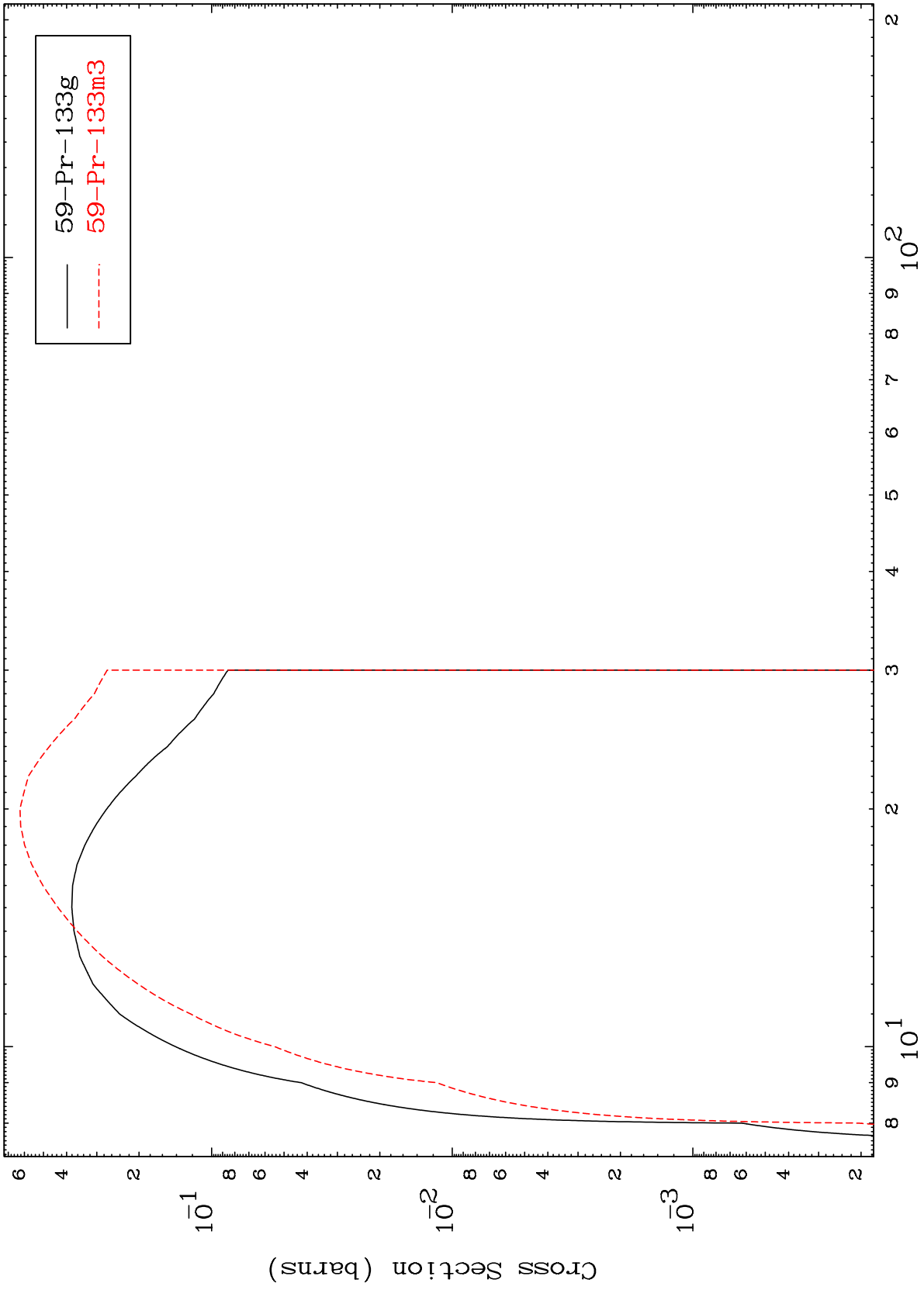
Incident Energy (MeV)

58-Ce-133

MAT 5816

58-Ce-133

(d,2n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

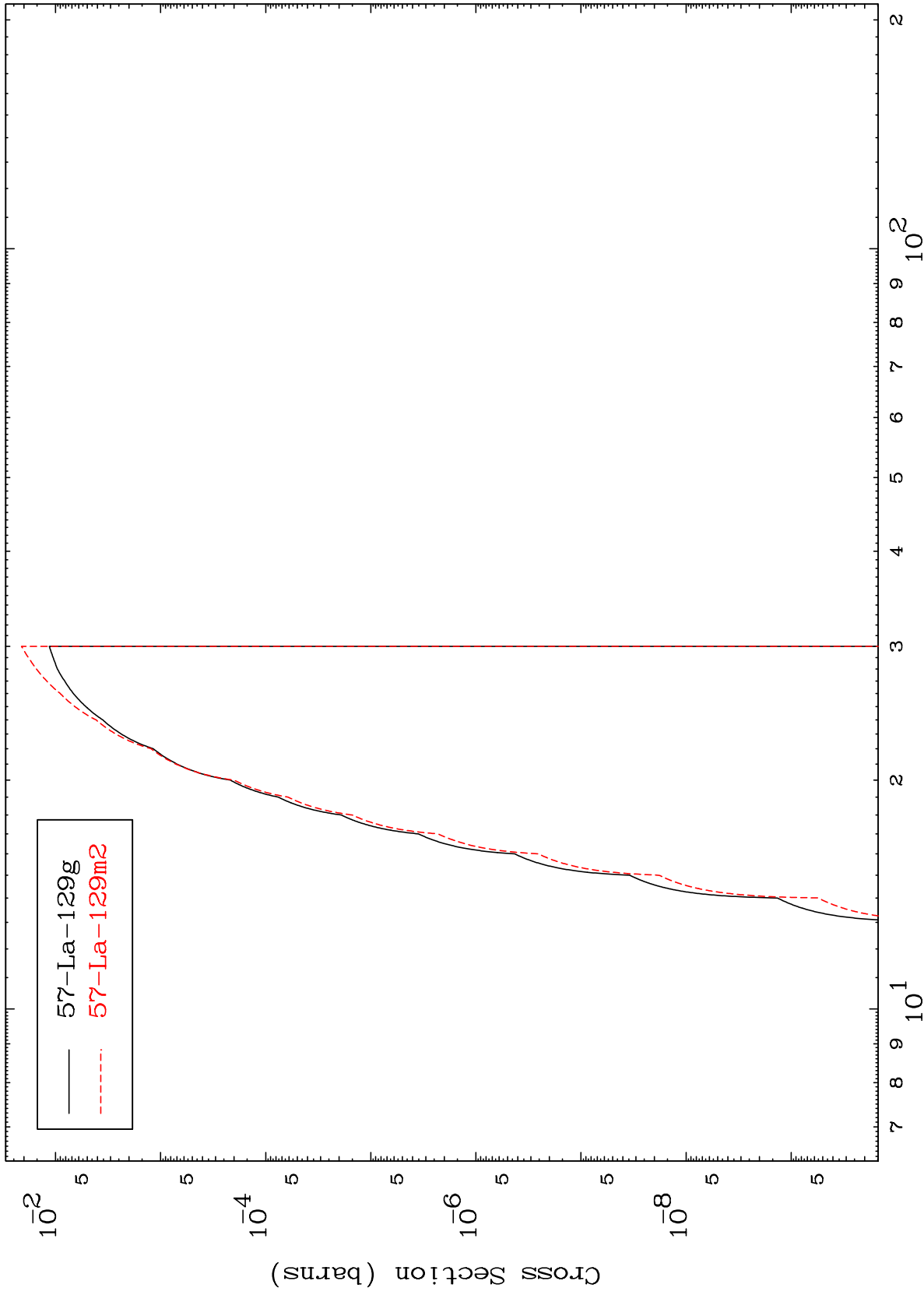
58-Ce-133

MAT 5816

(d,2n)  $\alpha$

58-Ce-133

Radionuclide Production Cross Section



15

Incident Energy (MeV)

58-Ce-133

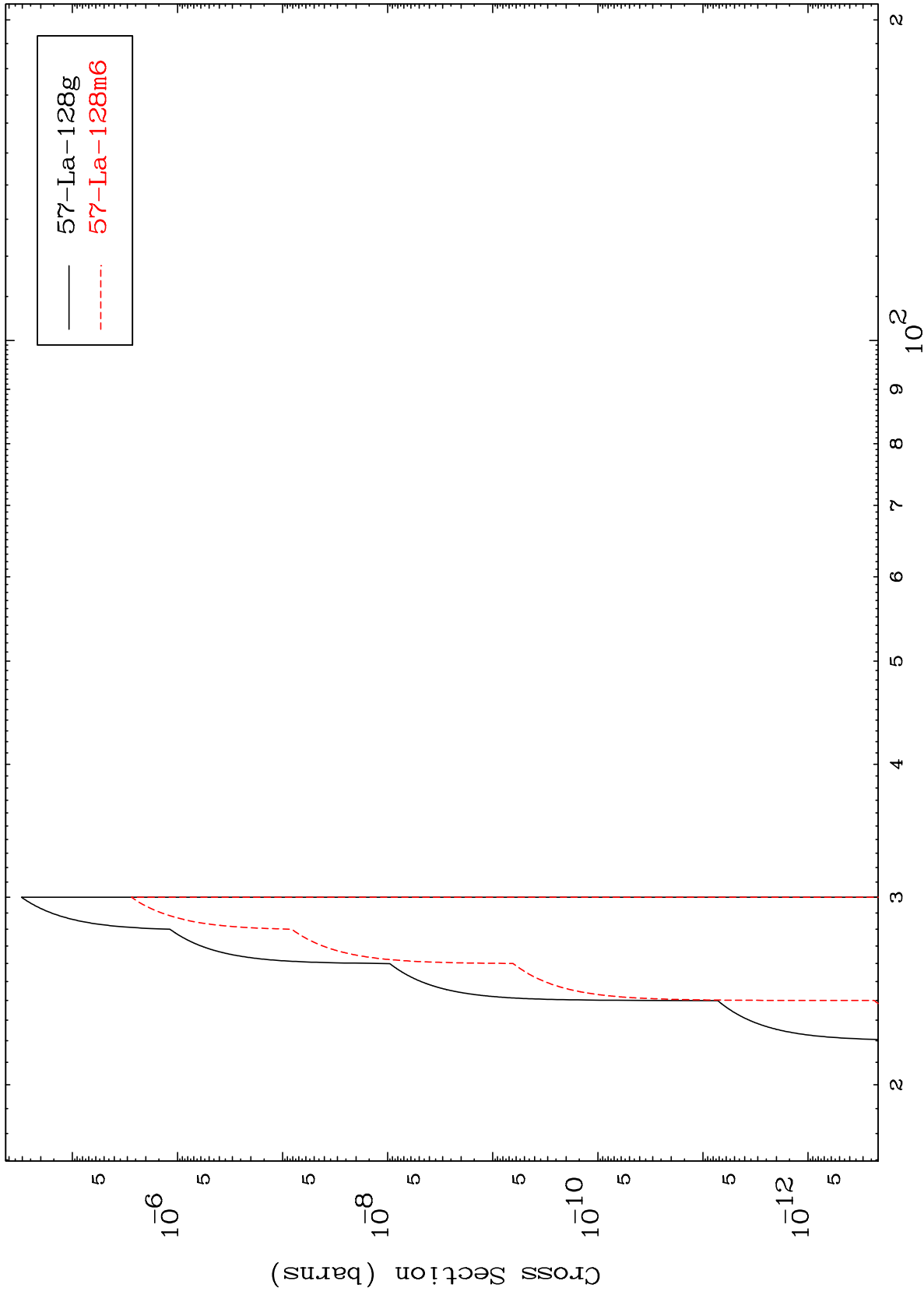


MAT 5816

(d,3n)  $\alpha$

58-Ce-133

Radionuclide Production Cross Section



16

Incident Energy (MeV)

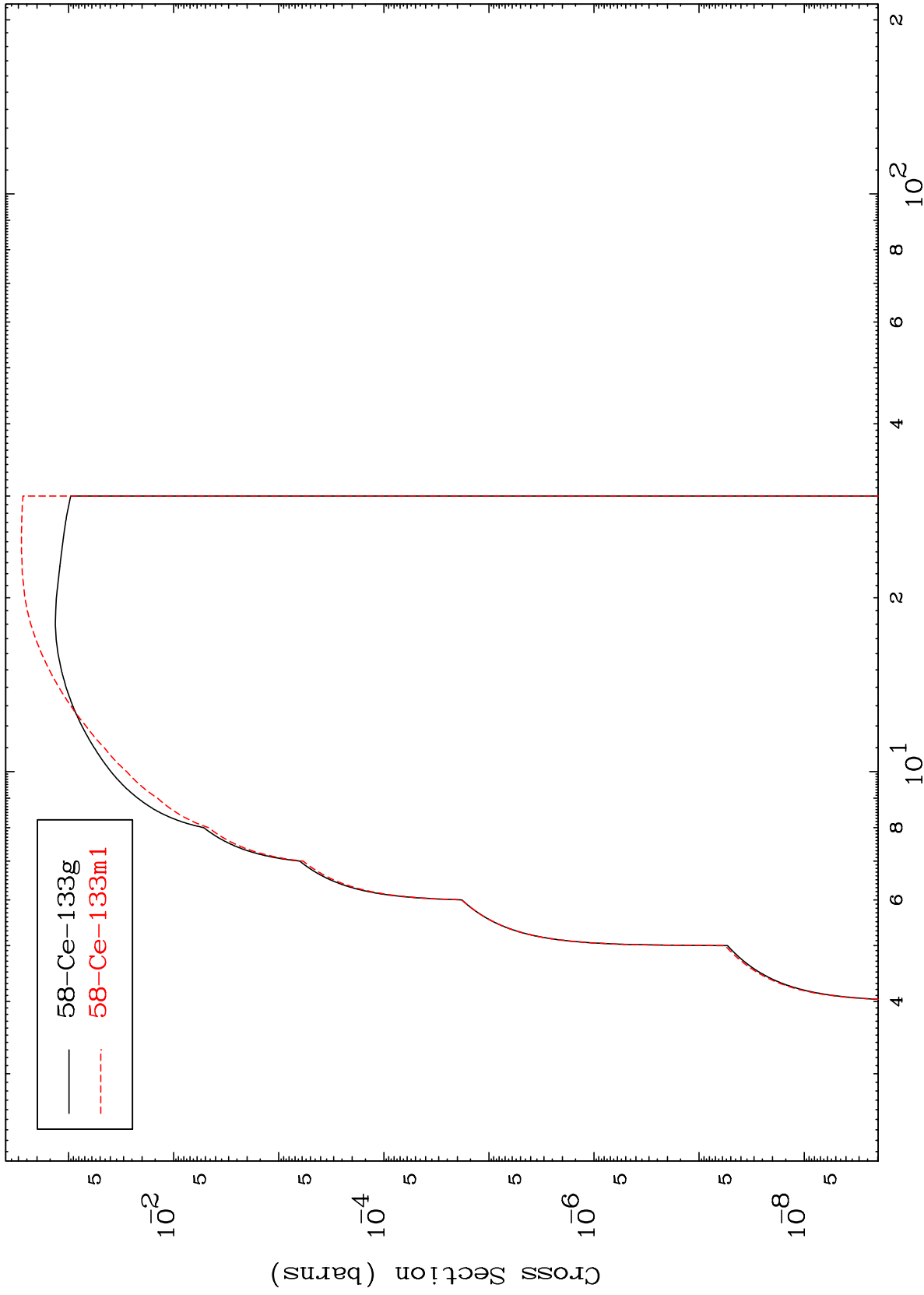
58-Ce-133

MAT 5816

(d,n') p

58-Ce-133

Radionuclide Production Cross Section



17

Incident Energy (MeV)

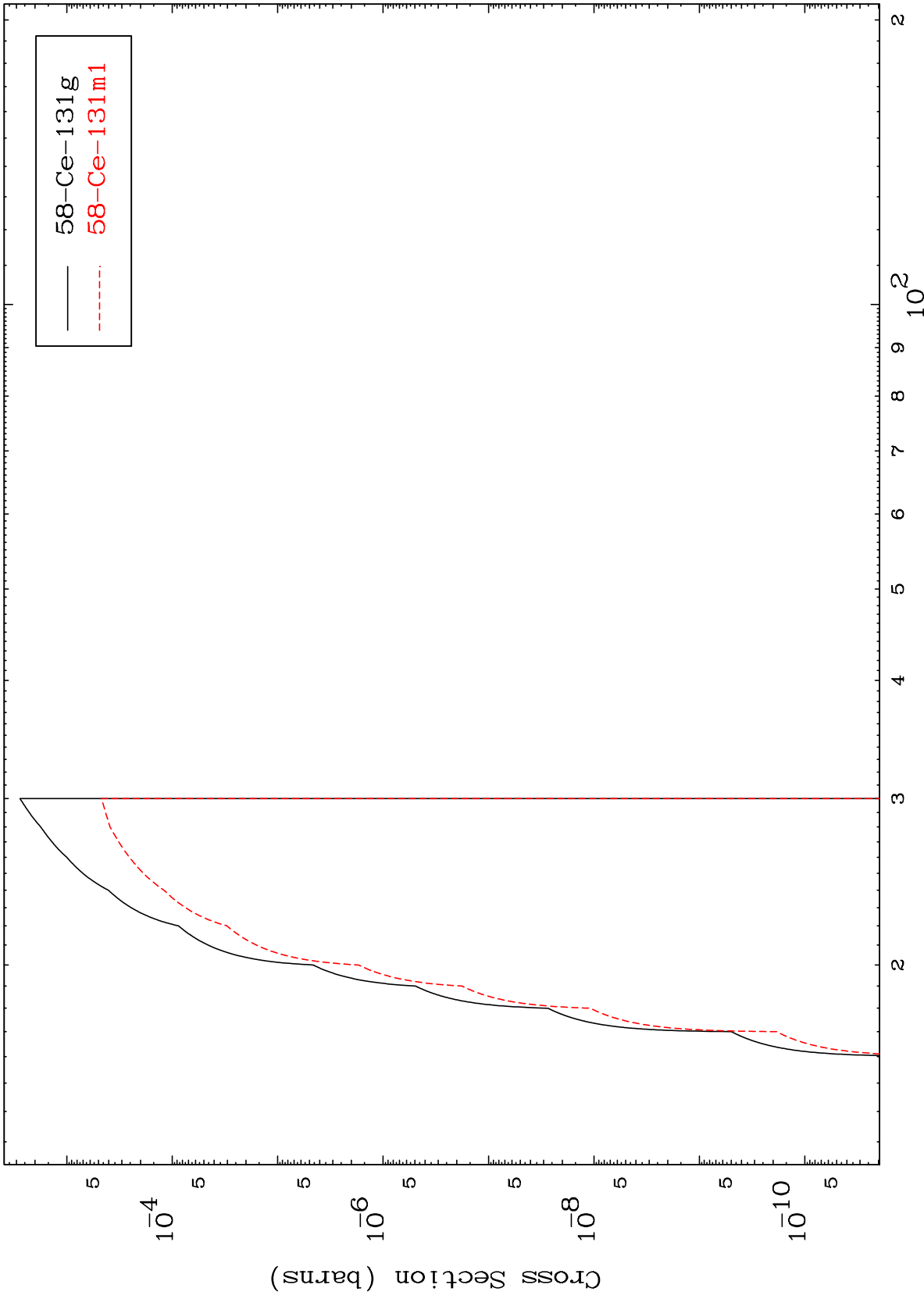
58-Ce-133

MAT 5816

(d,n') t

58-Ce-133

Radionuclide Production Cross Section



18

Incident Energy (MeV)

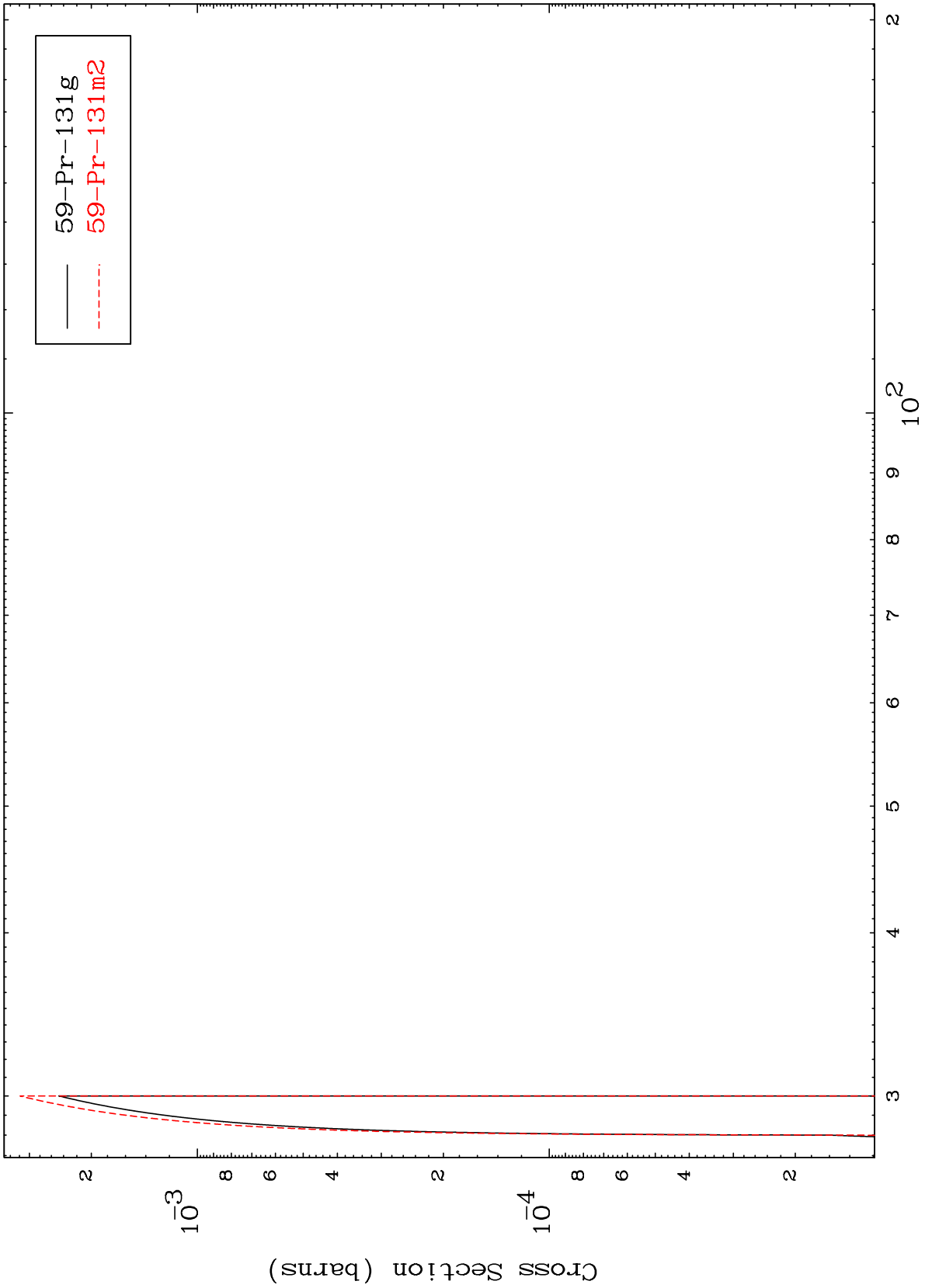
58-Ce-133

MAT 5816

(d,4n)

58-Ce-133

Radionuclide Production Cross Section



19

Incident Energy (MeV)

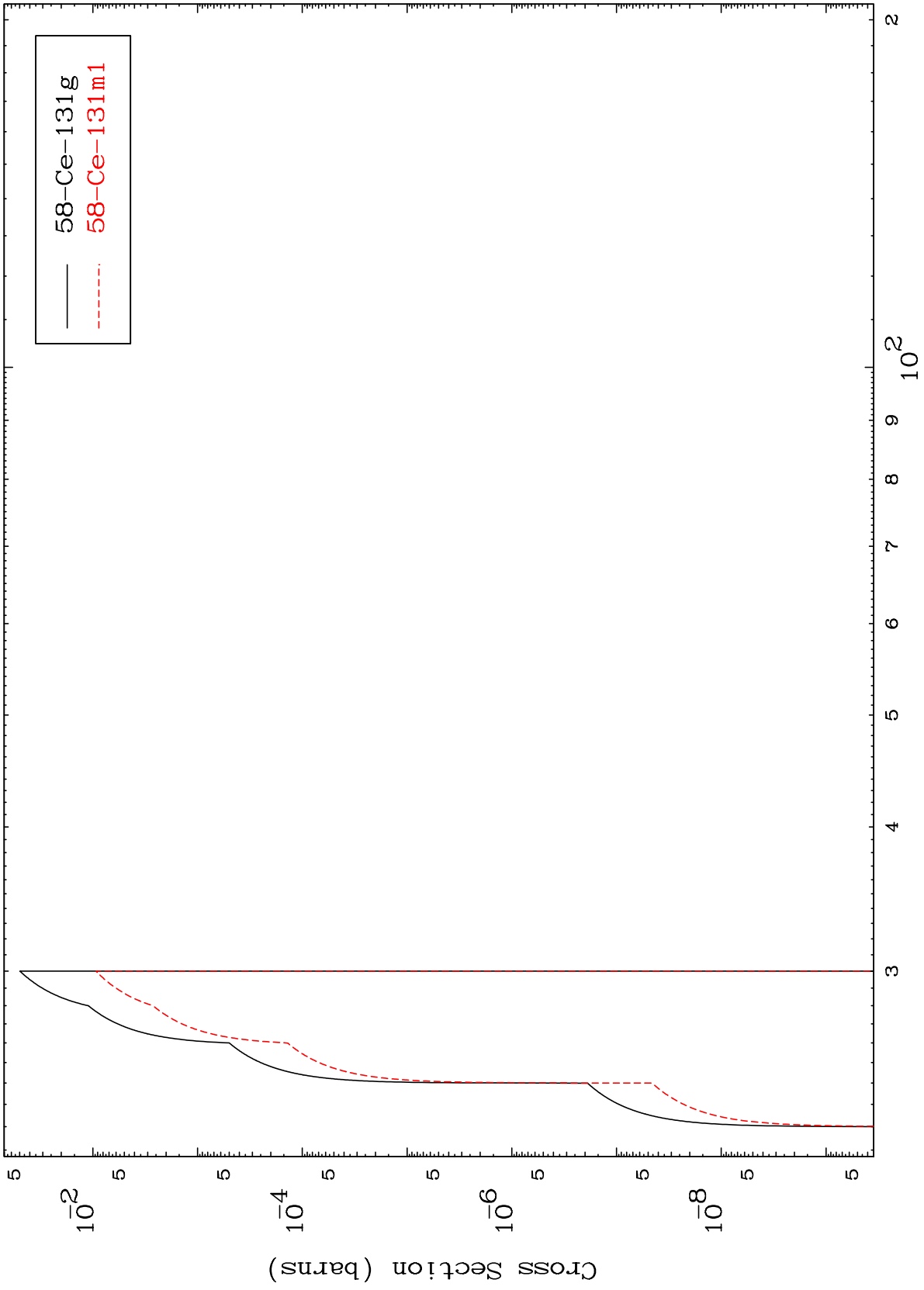
58-Ce-133

MAT 5816

(d,3n) p

58-Ce-133

Radionuclide Production Cross Section



20

Incident Energy (MeV)

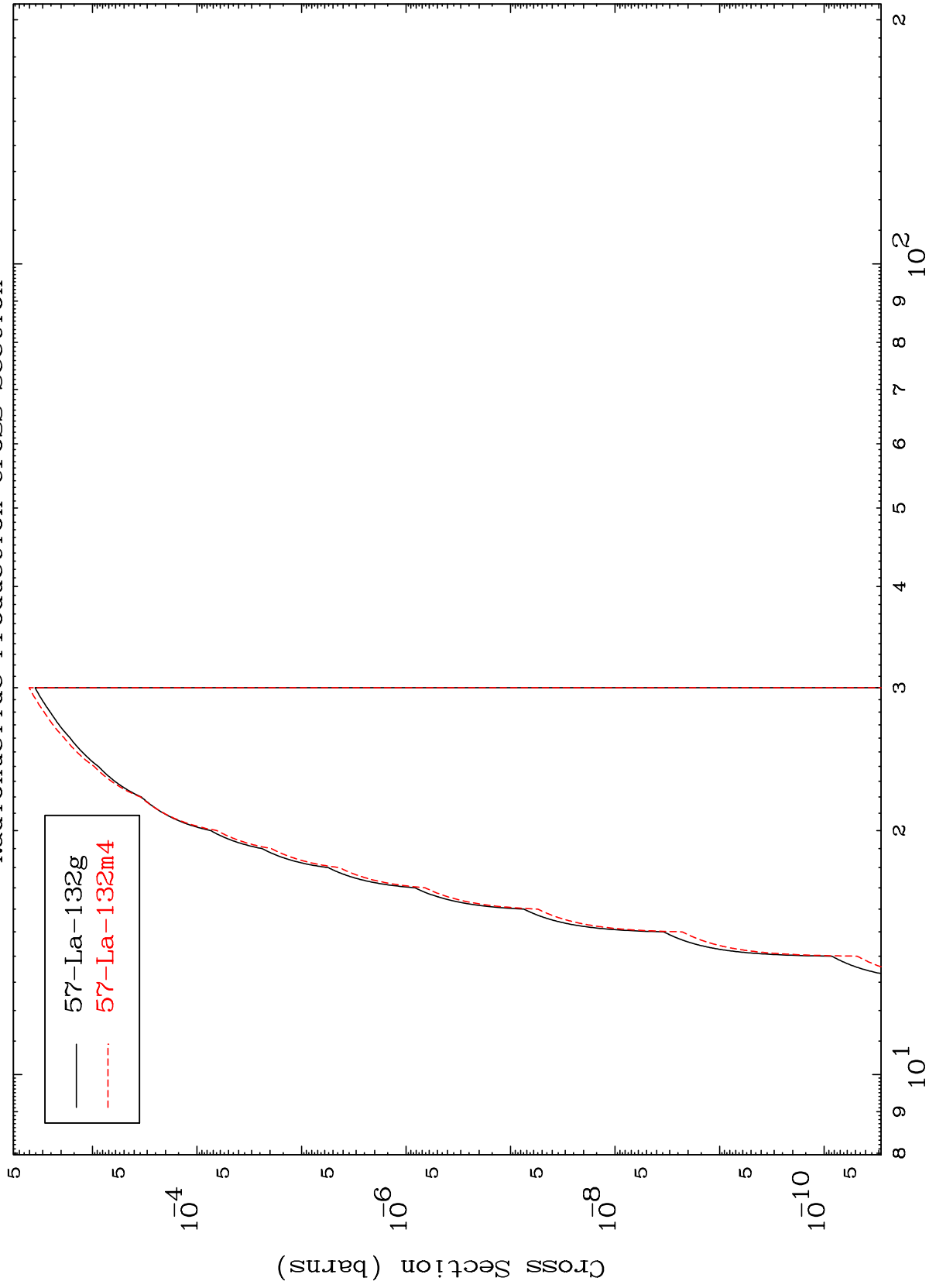
58-Ce-133

MAT 5816

(d,2n) p

58-Ce-133

Radionuclide Production Cross Section



21

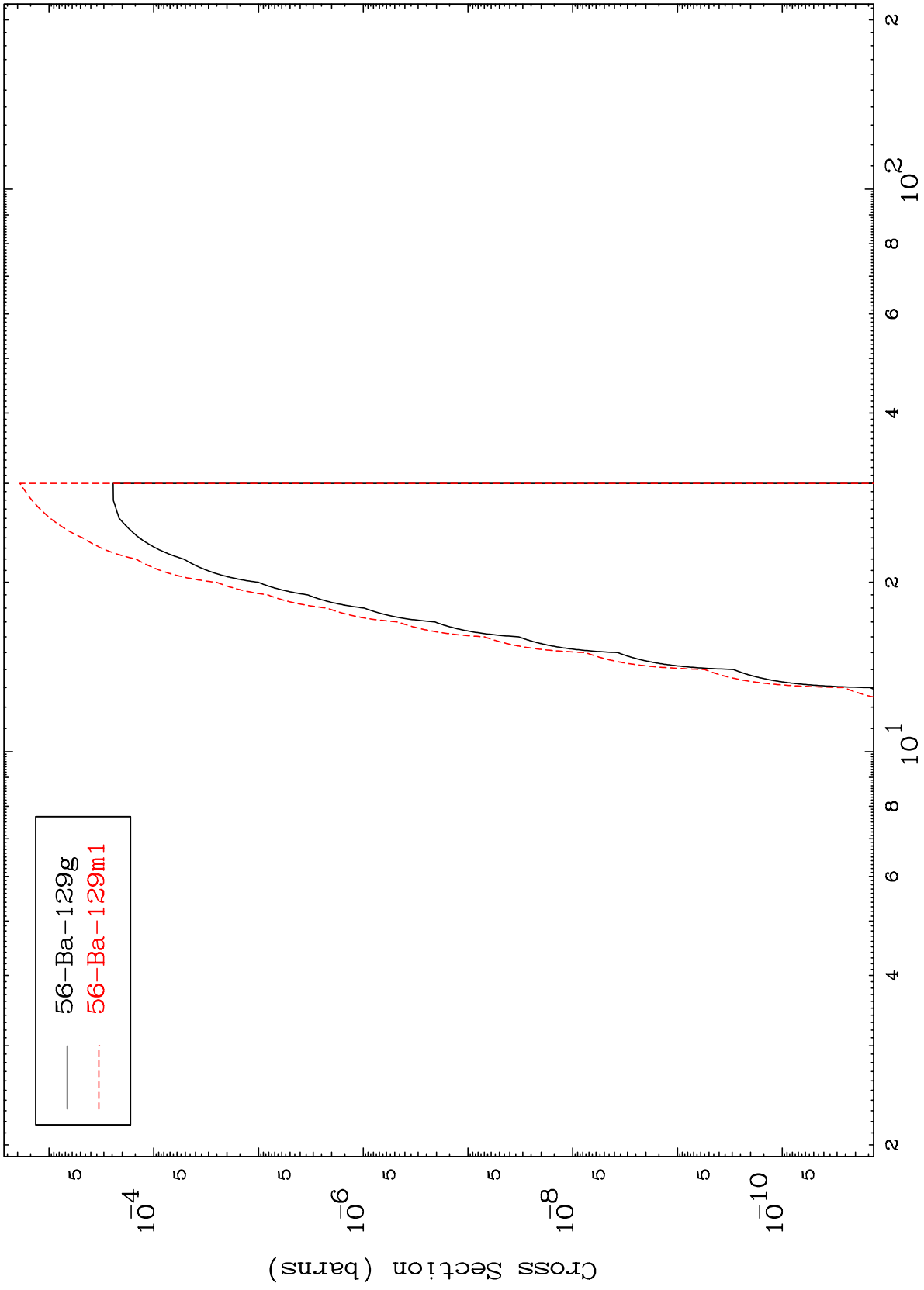
Incident Energy (MeV)

58-Ce-133

MAT 5816

(d,n') p  $\alpha$   
Radionuclide Production Cross Section

58-Ce-133



22

Incident Energy (MeV)

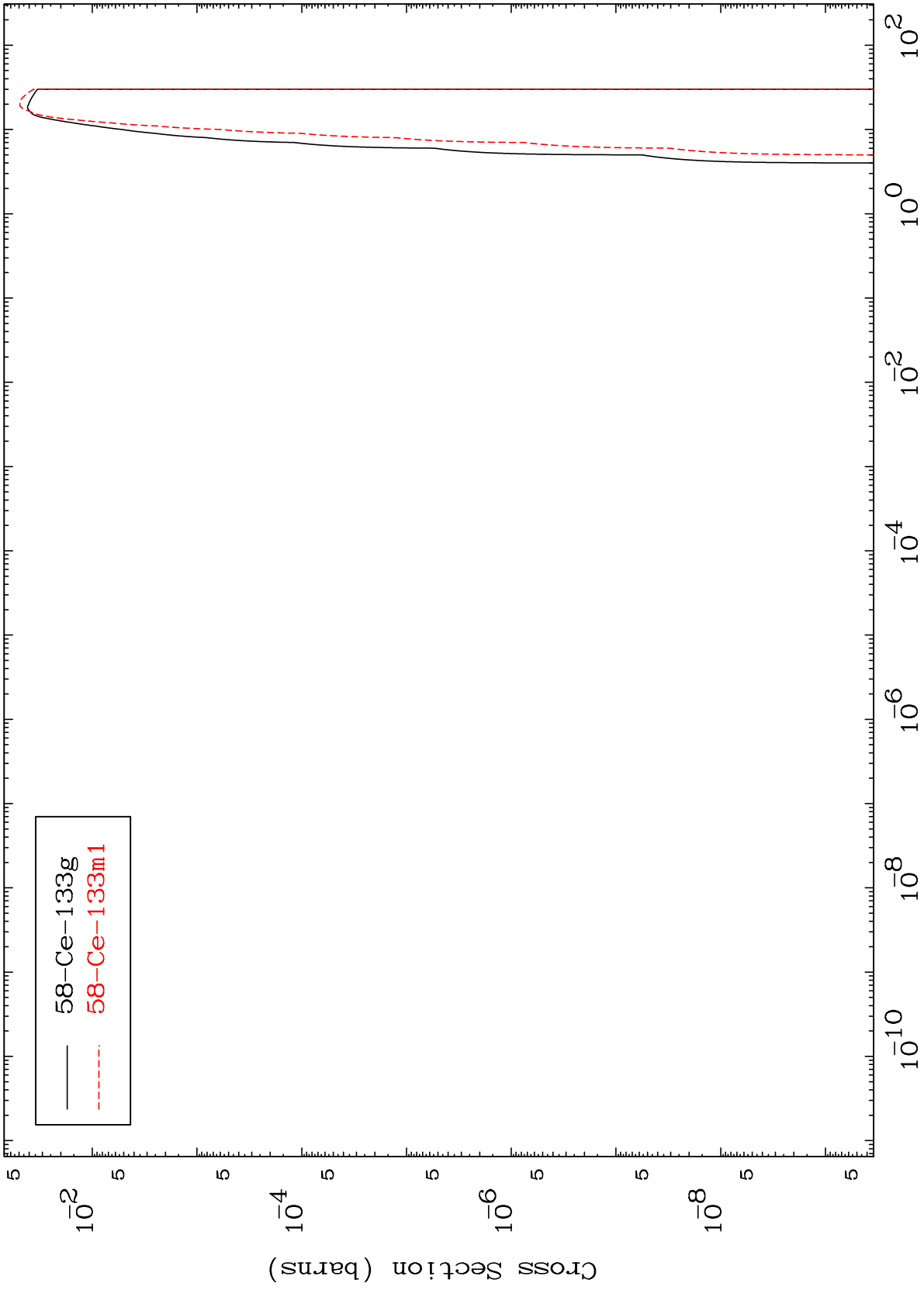
58-Ce-133

MAT 5816

(d,d)

58-Ce-133

Radionuclide Production Cross Section



23

58-Ce-133

58-Ce-133

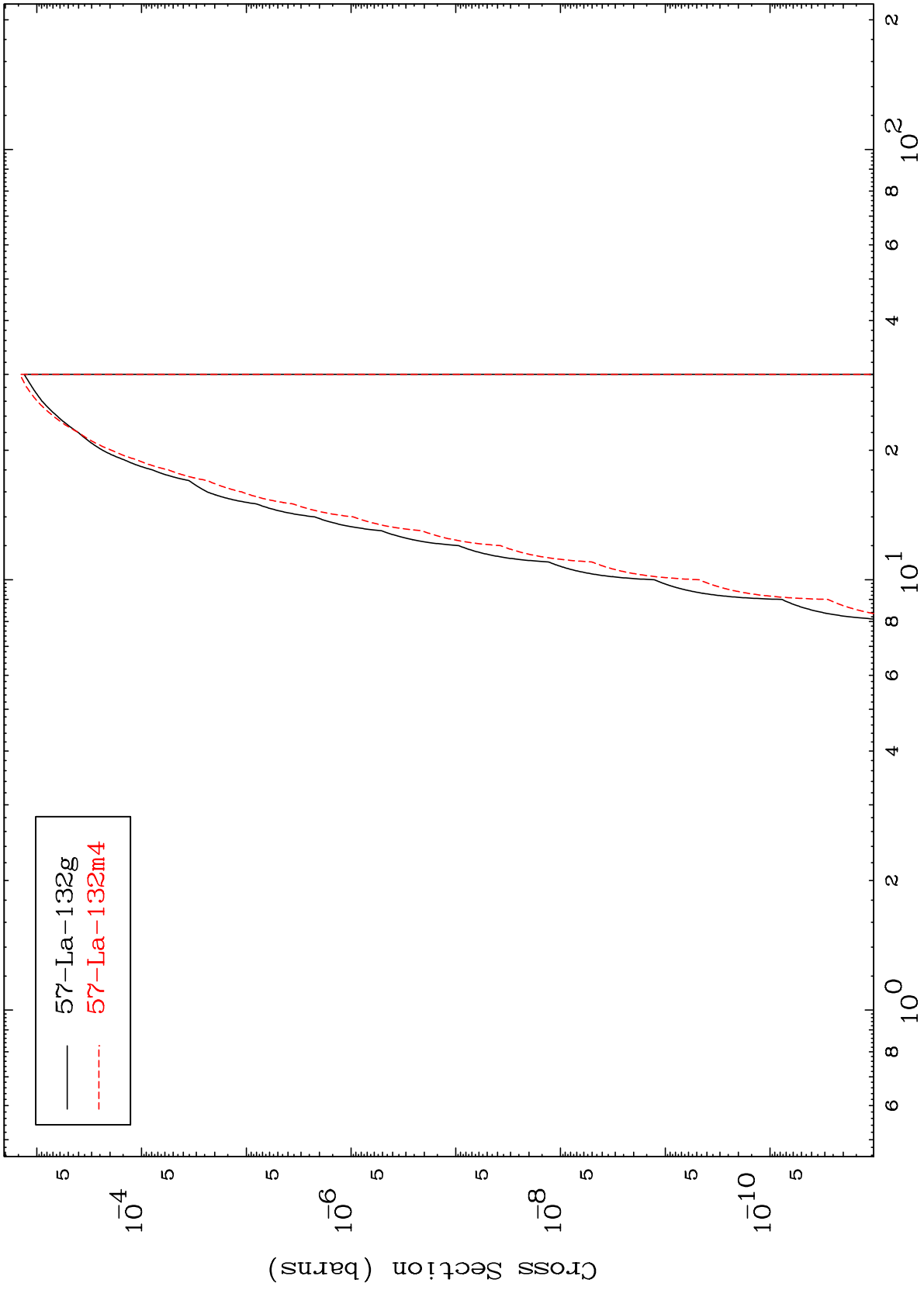


MAT 5816

(d, He-3)

58-Ce-133

Radionuclide Production Cross Section



24

Incident Energy (MeV)

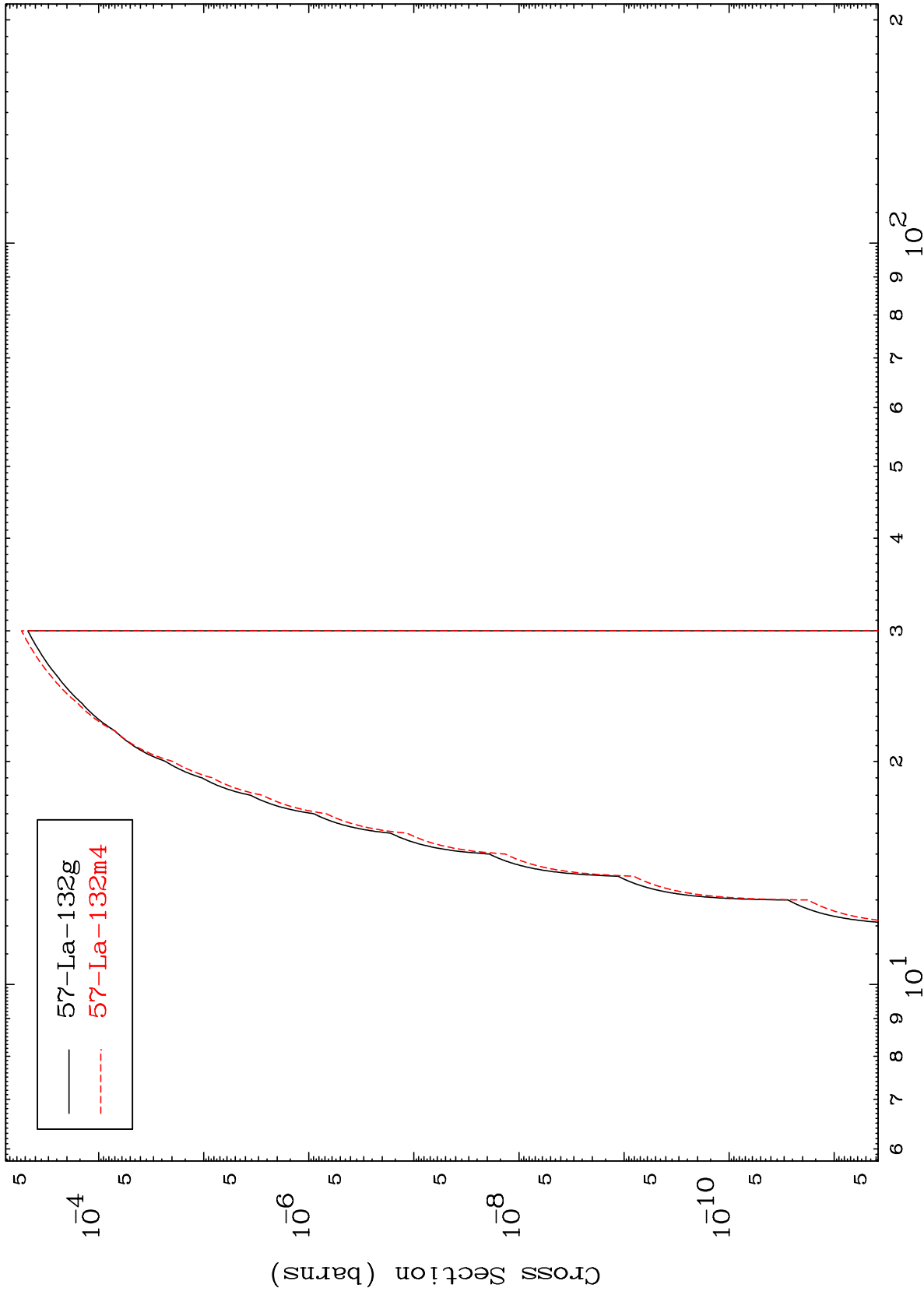
58-Ce-133

MAT 5816

(d,p) d

58-Ce-133

### Radionuclide Production Cross Section



25

Incident Energy (MeV)

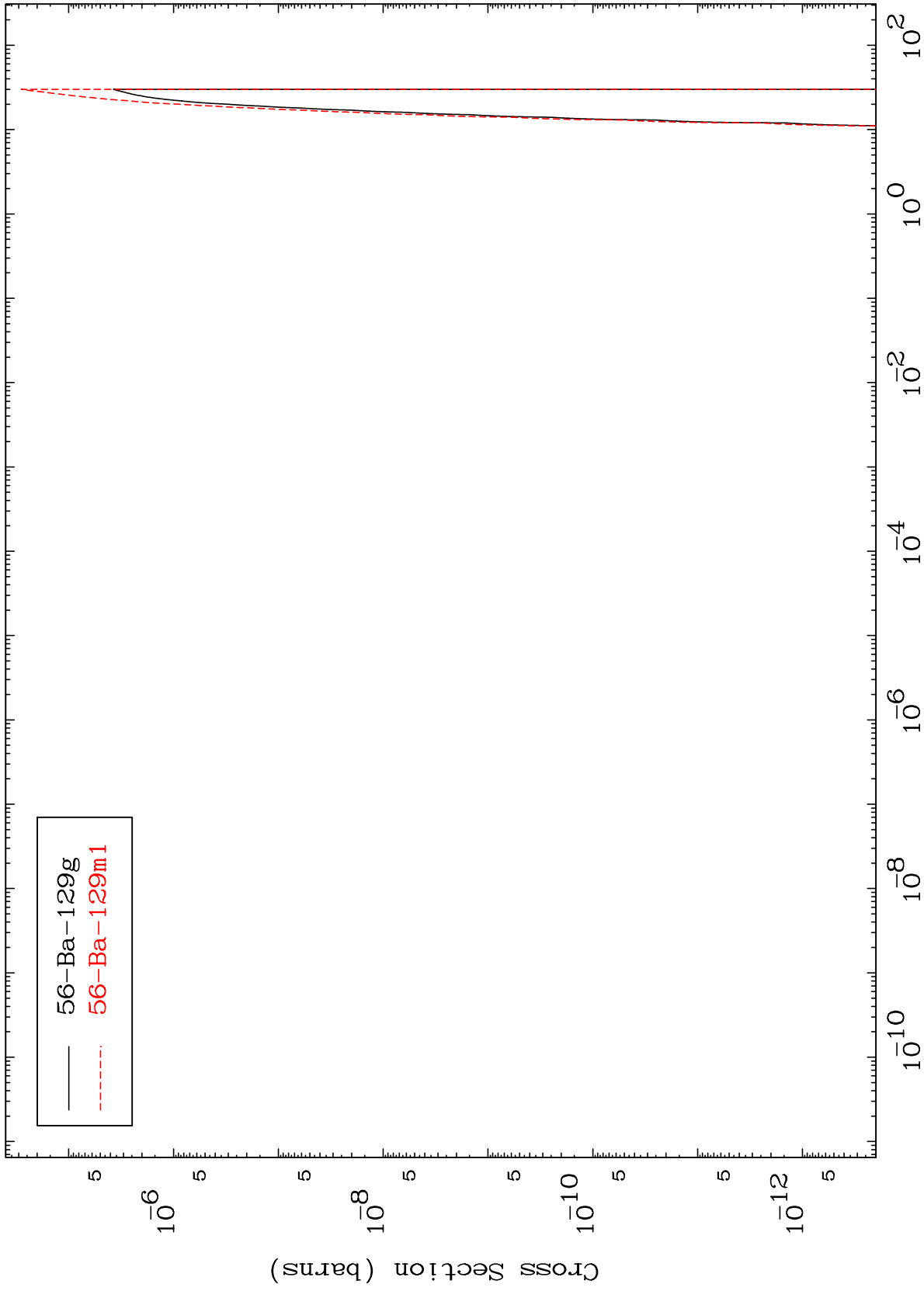
58-Ce-133

MAT 5816

(d,d)  $\alpha$

58-Ce-133

Radionuclide Production Cross Section



26

Incident Energy (MeV)

58-Ce-133