

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

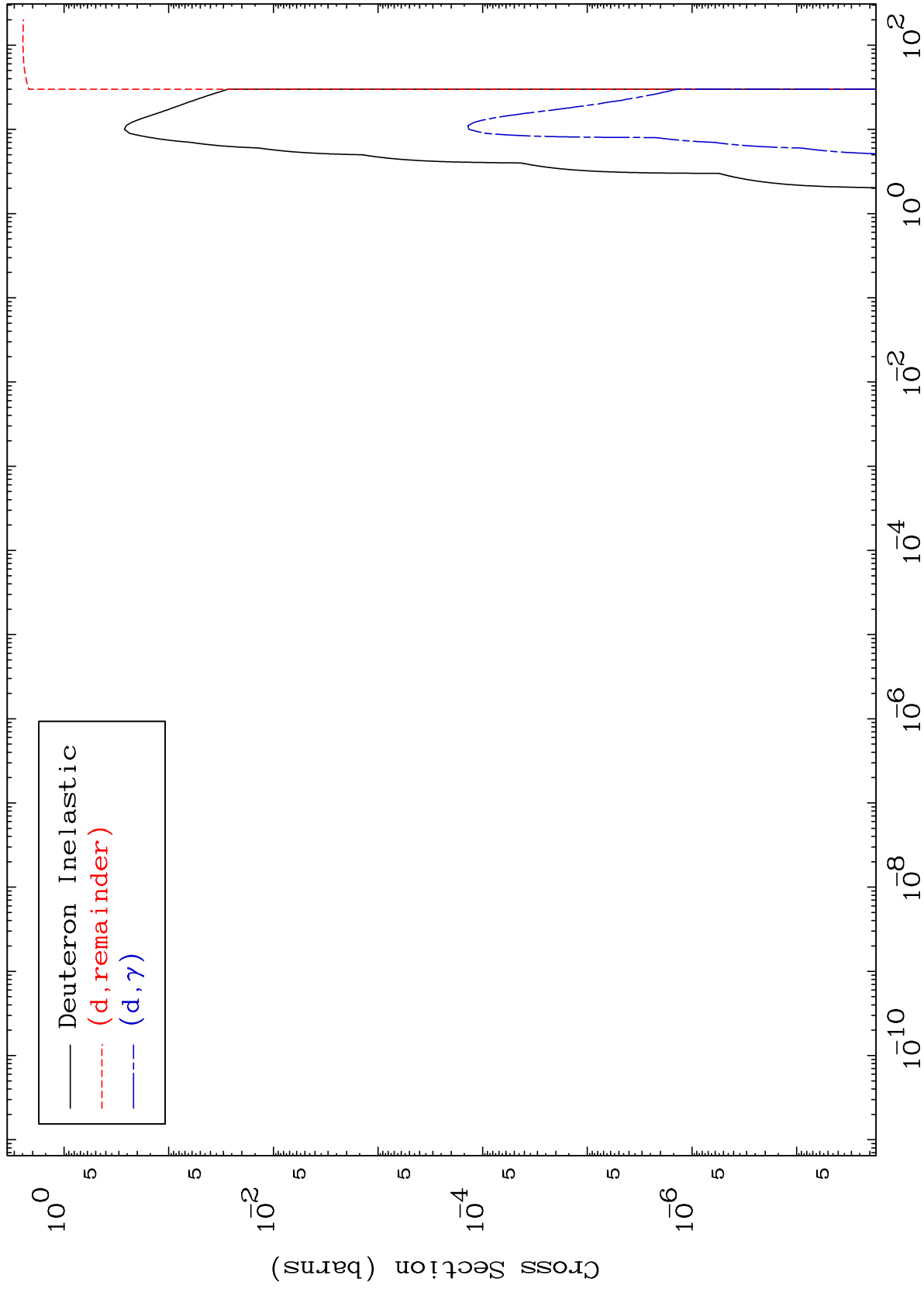
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5822

Deuteron Major  
0 Kelvin Cross Sections

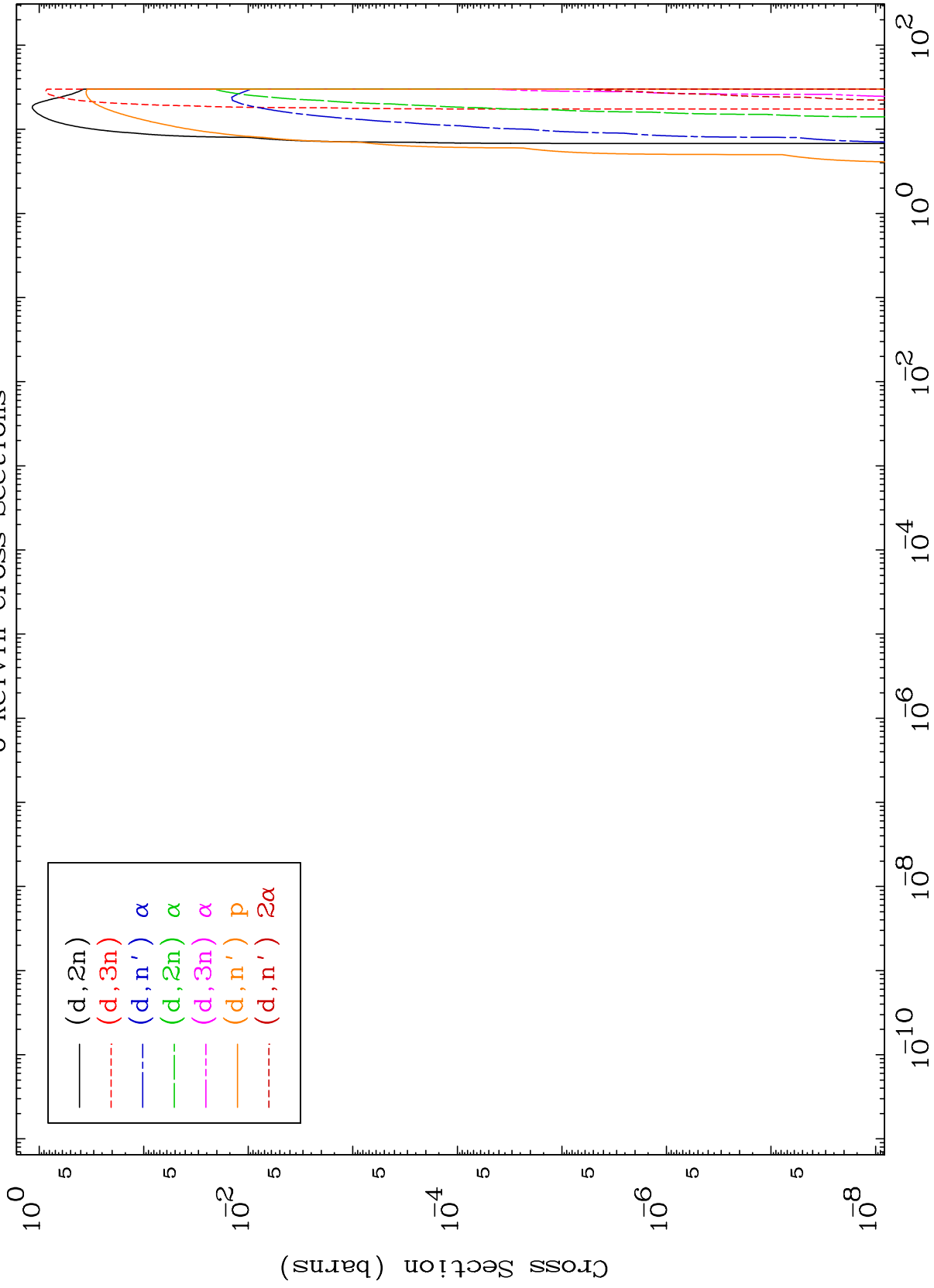
58-Ce-135



MAT 5822

Deuteron Neutron Production  
0 Kelvin Cross Sections

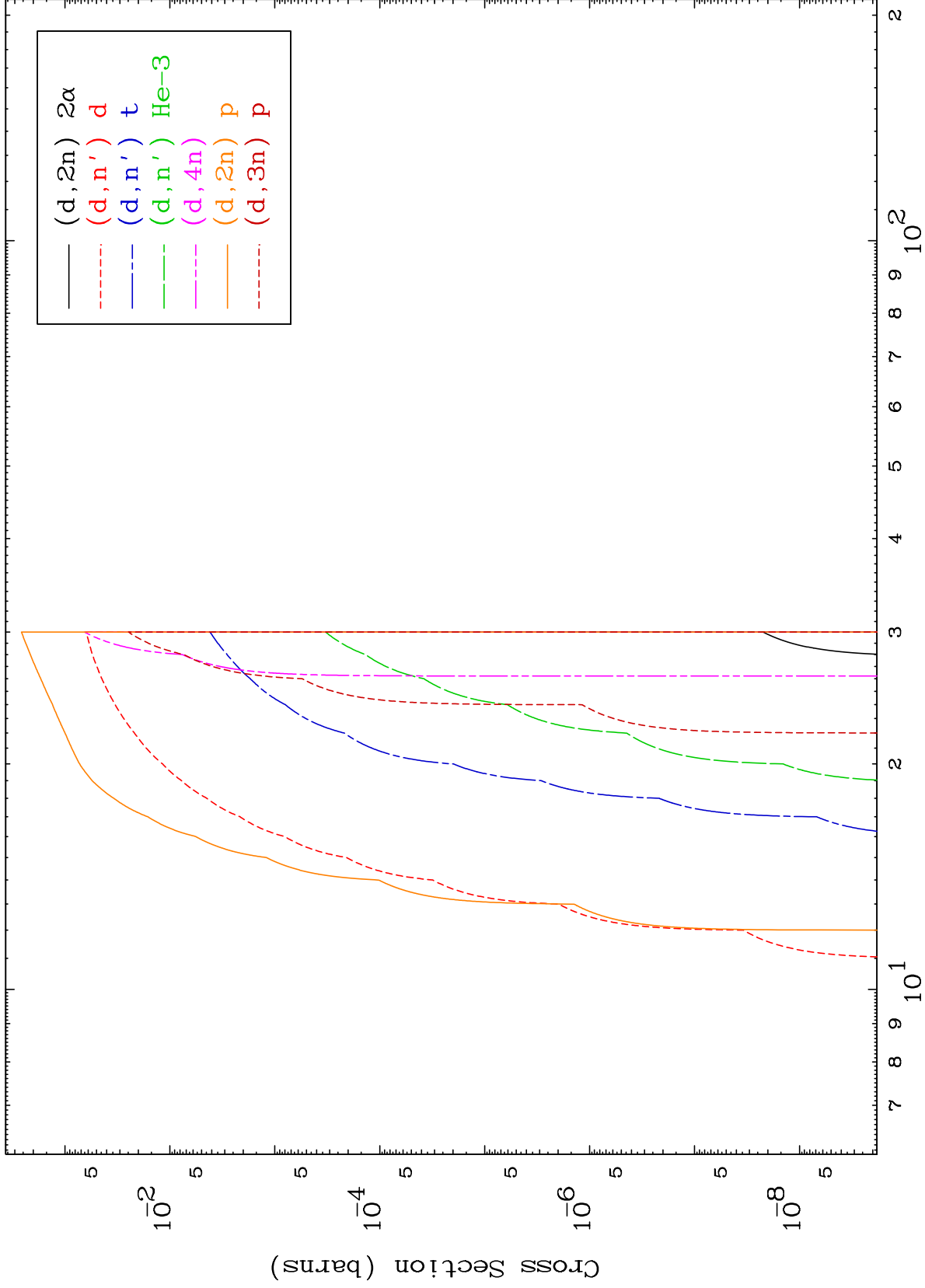
58-Ce-135



2

Incident Energy (MeV)

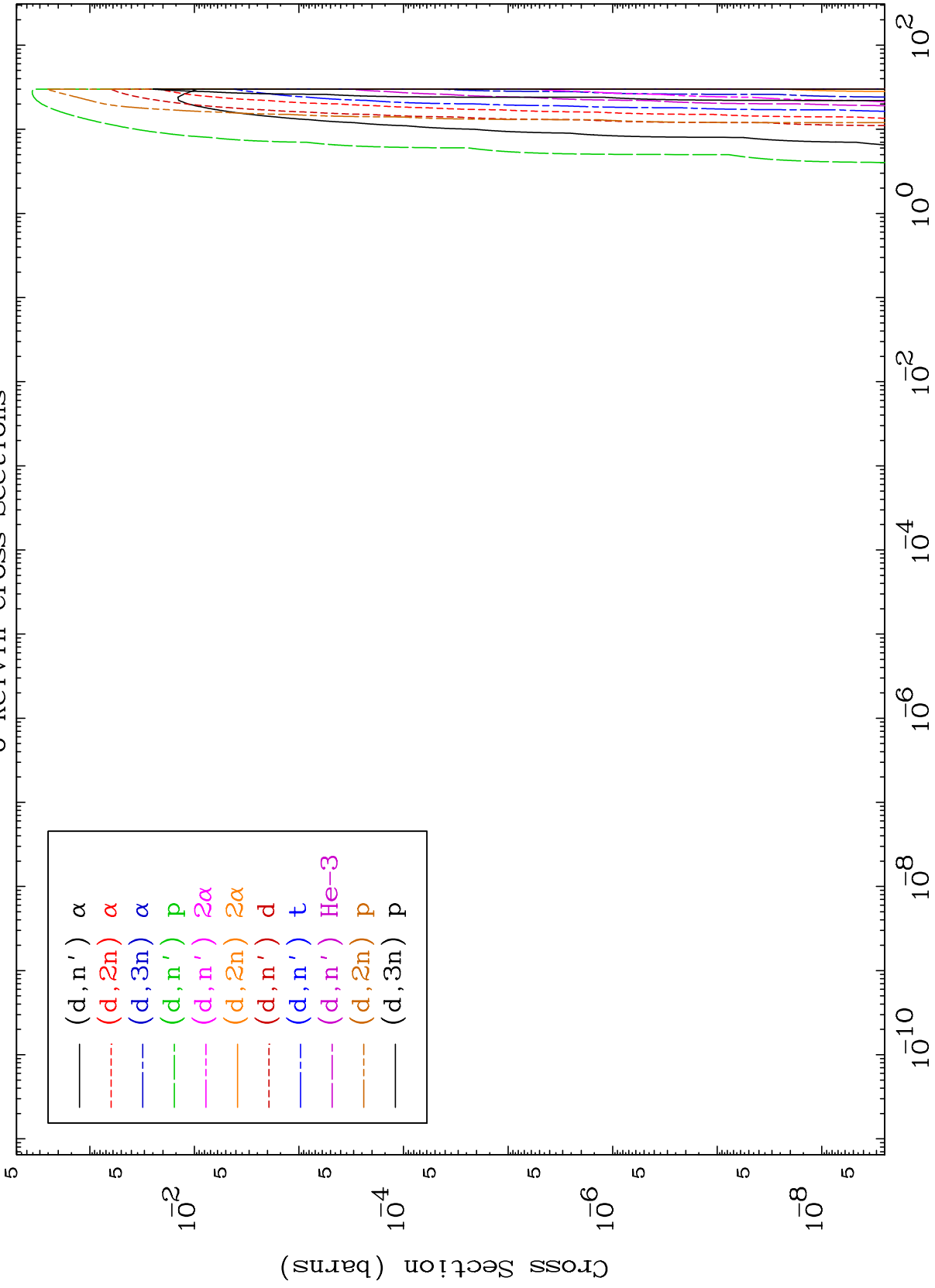
58-Ce-135



MAT 5822

Deuteron Charged Particle  
0 Kelvin Cross Sections

58-Ce-135



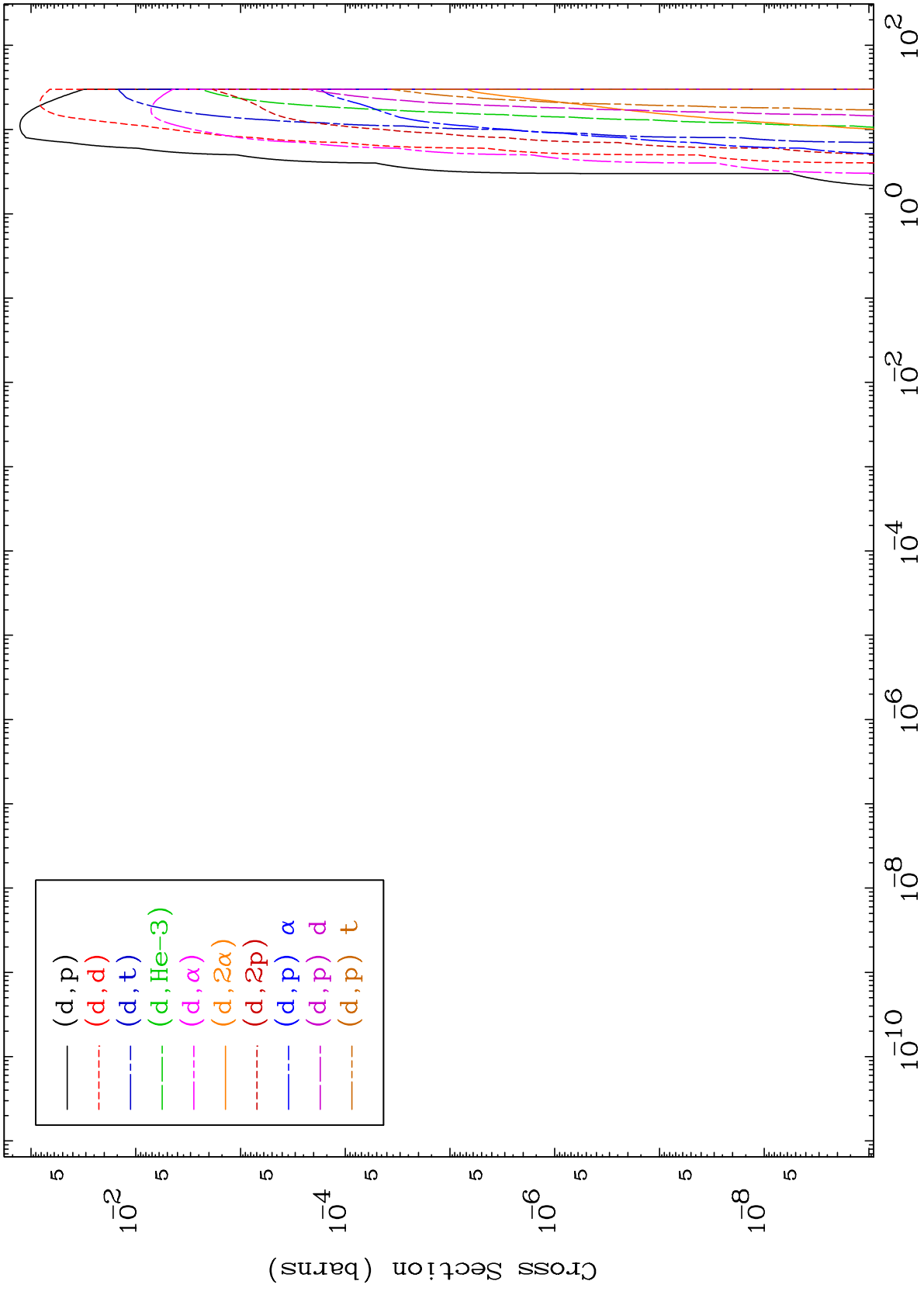
58-Ce-135

Incident Energy (MeV)

MAT 5822

Deuteron Charged Particle  
0 Kelvin Cross Sections

58-Ce-135



5

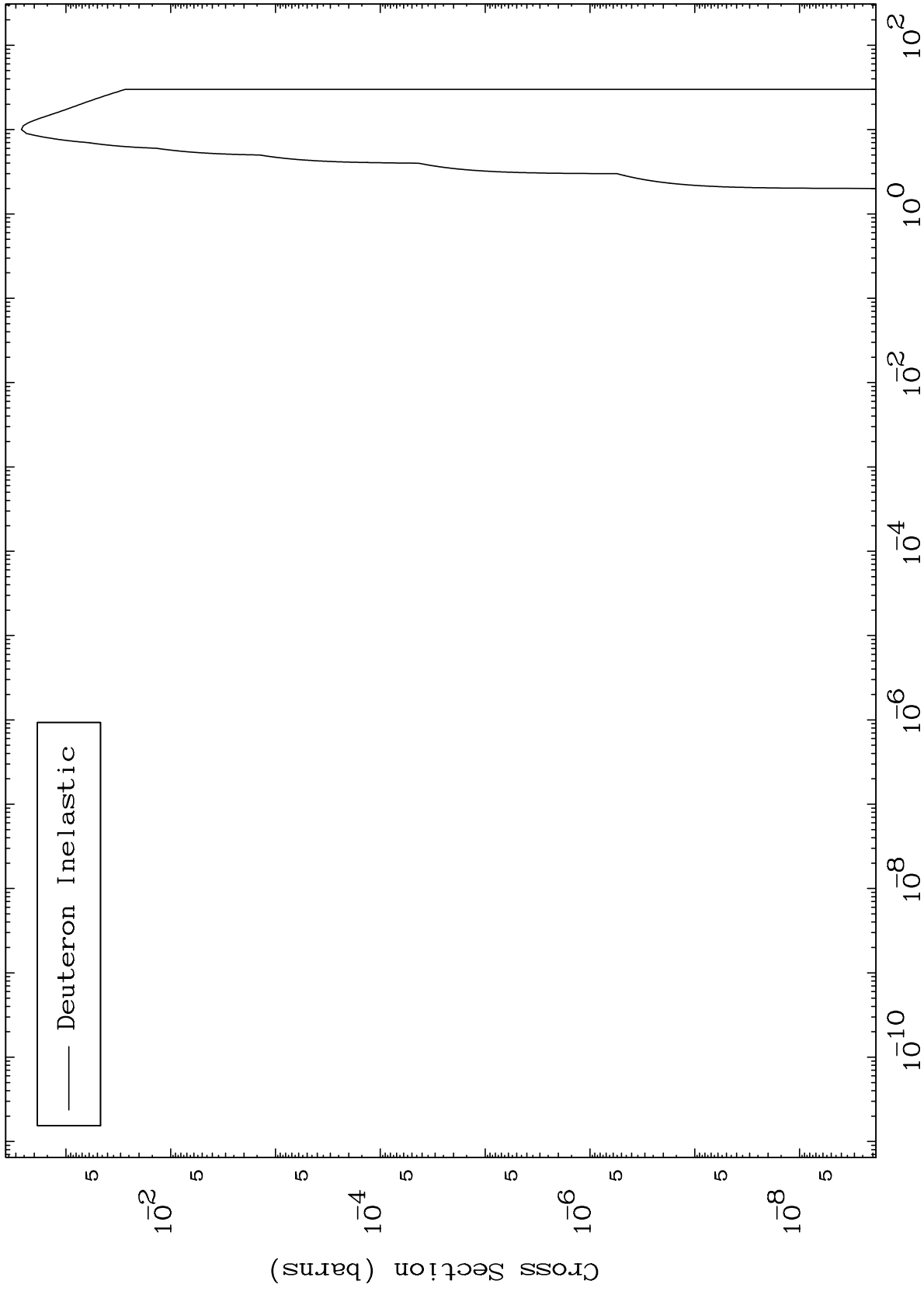
Incident Energy (MeV)

58-Ce-135

MAT 5822

(d,n') Level  
0 Kelvin Cross Sections

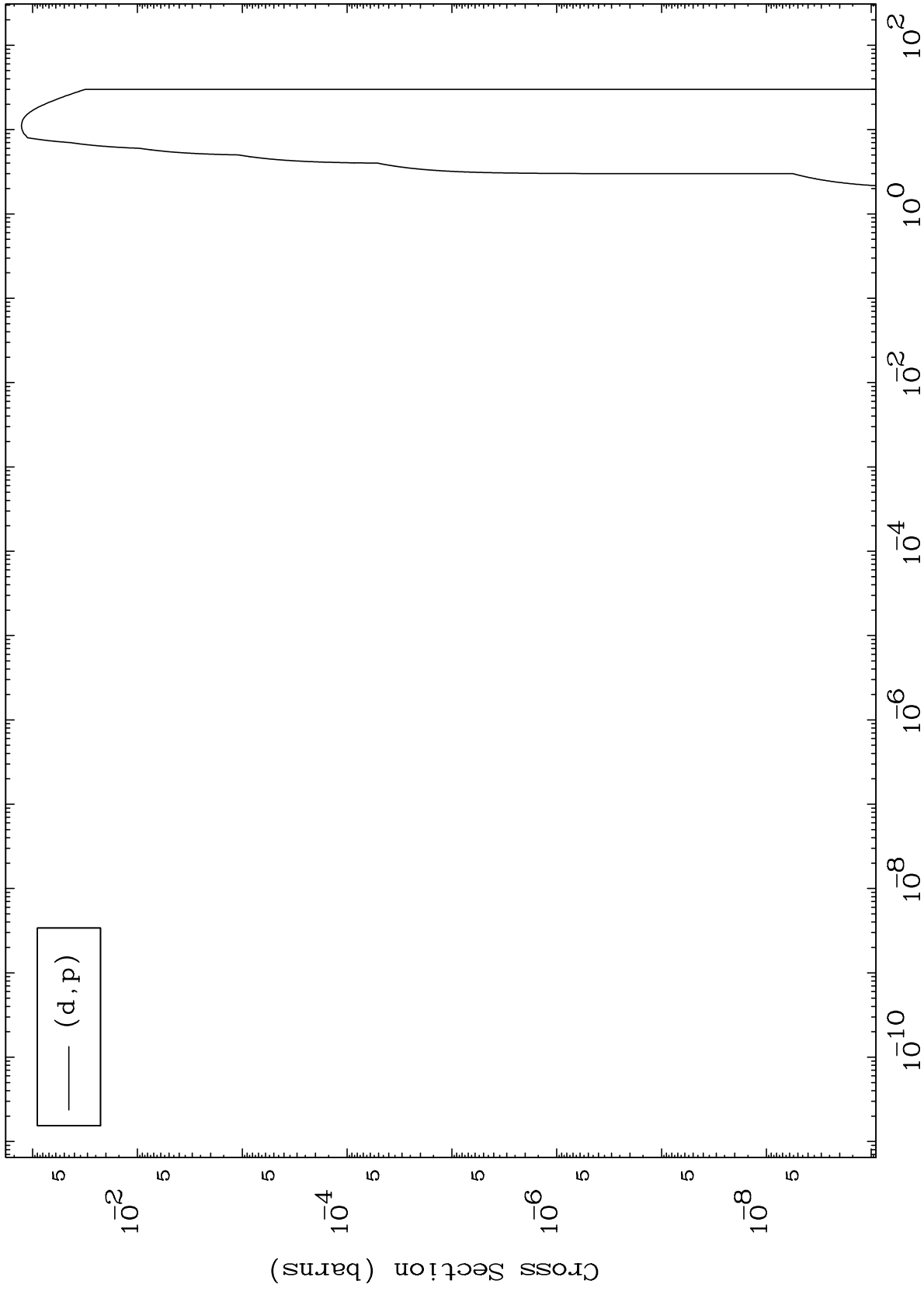
58-Ce-135



MAT 5822

(d,p) Levels  
0 Kelvin Cross Sections

58-Ce-135



7

Incident Energy (MeV)

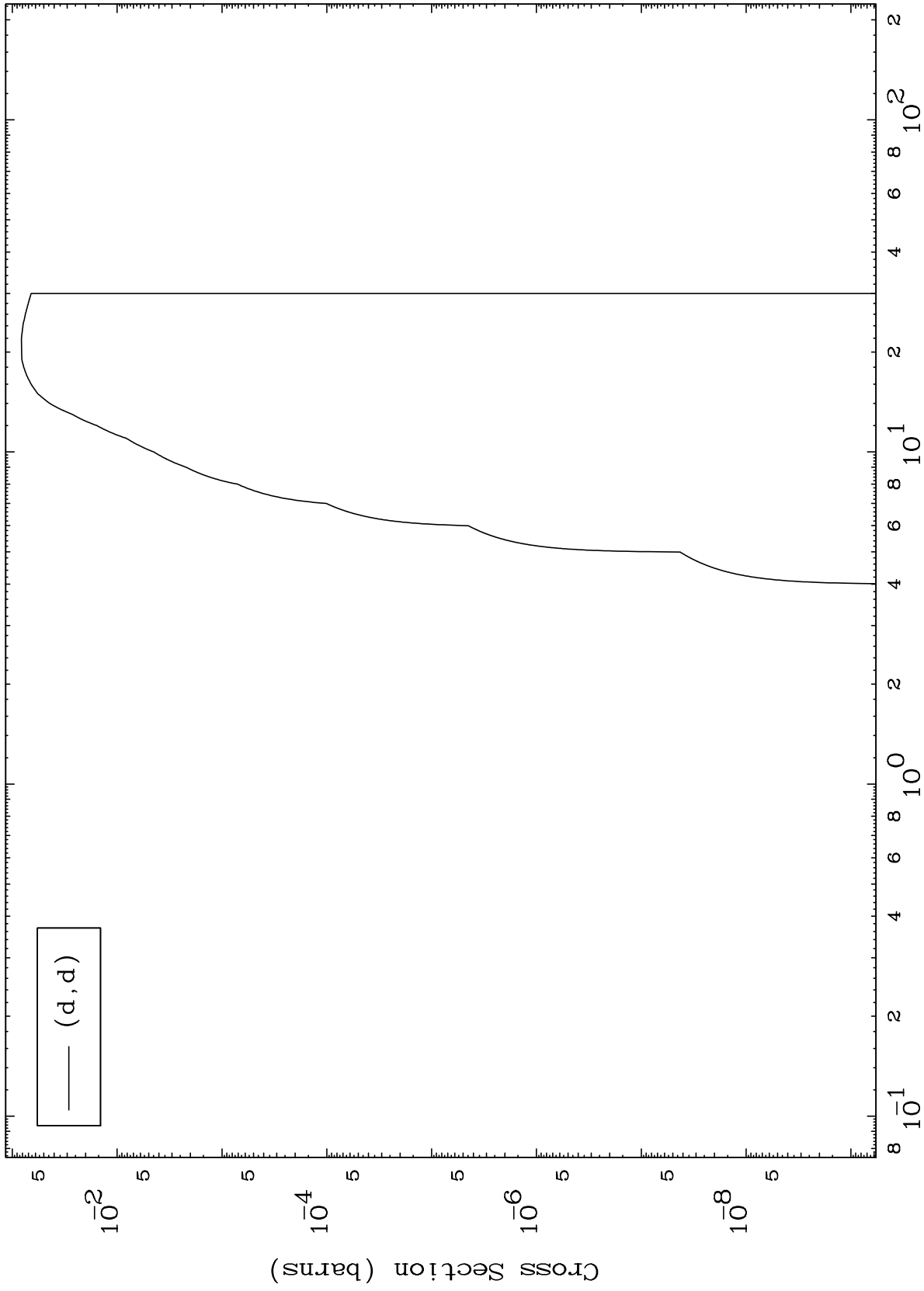
58-Ce-135



MAT 5822

(d,d) Levels  
0 Kelvin Cross Sections

58-Ce-135



8

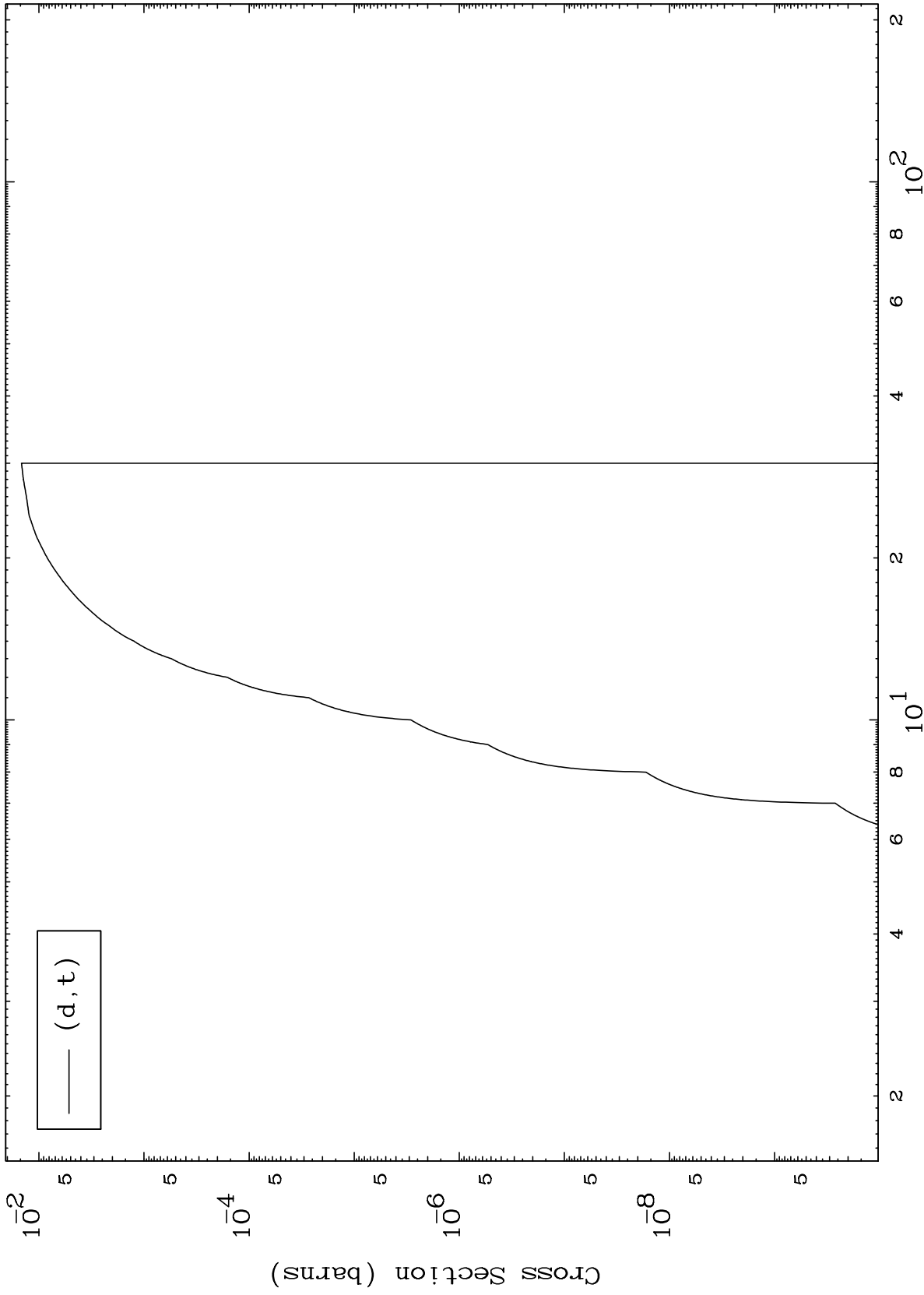
Incident Energy (MeV)

58-Ce-135

MAT 5822

(d,t) Levels  
0 Kelvin Cross Sections

58-Ce-135



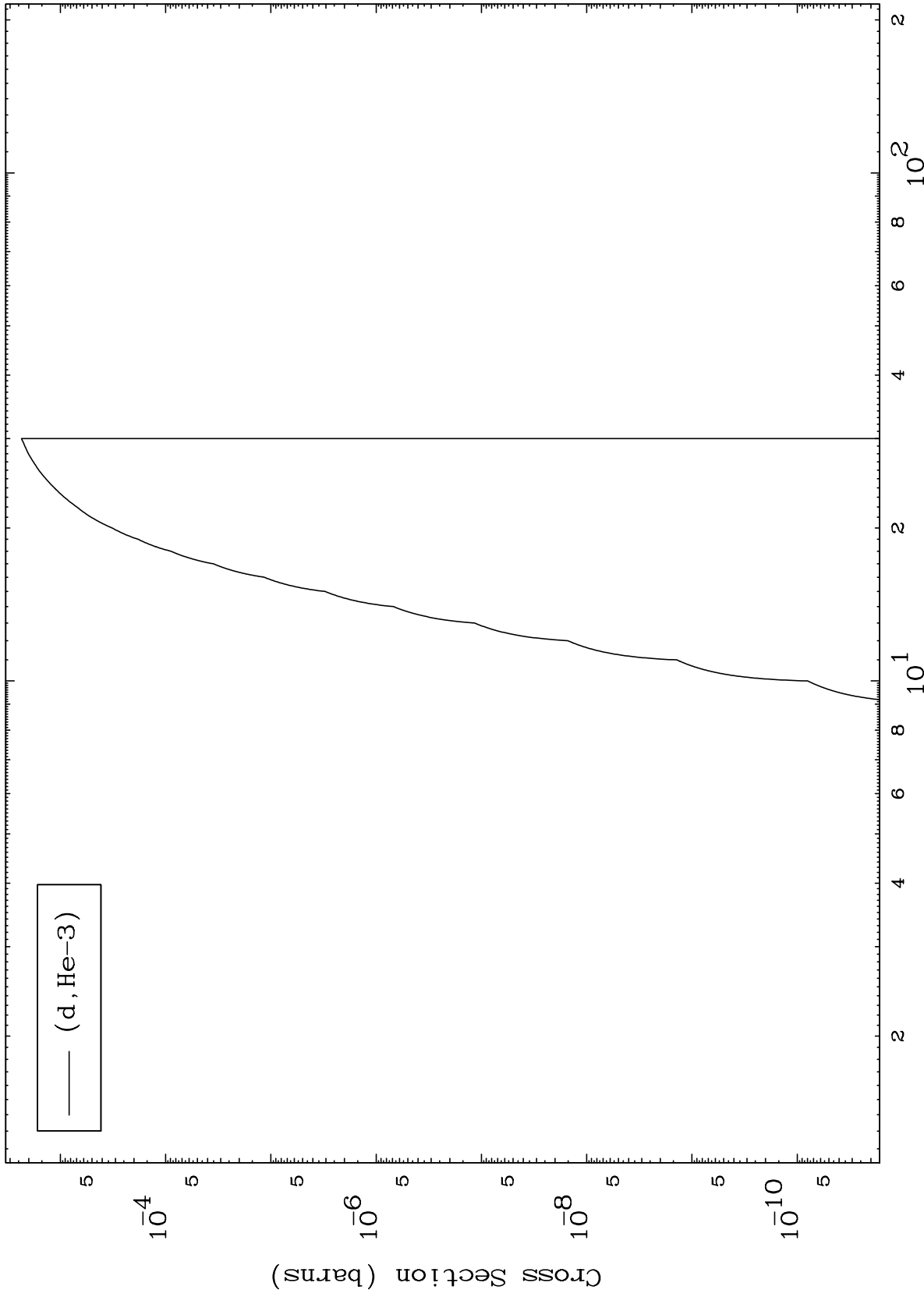
9

58-Ce-135

MAT 5822

(d,He3) Levels  
0 Kelvin Cross Sections

58-Ce-135



10

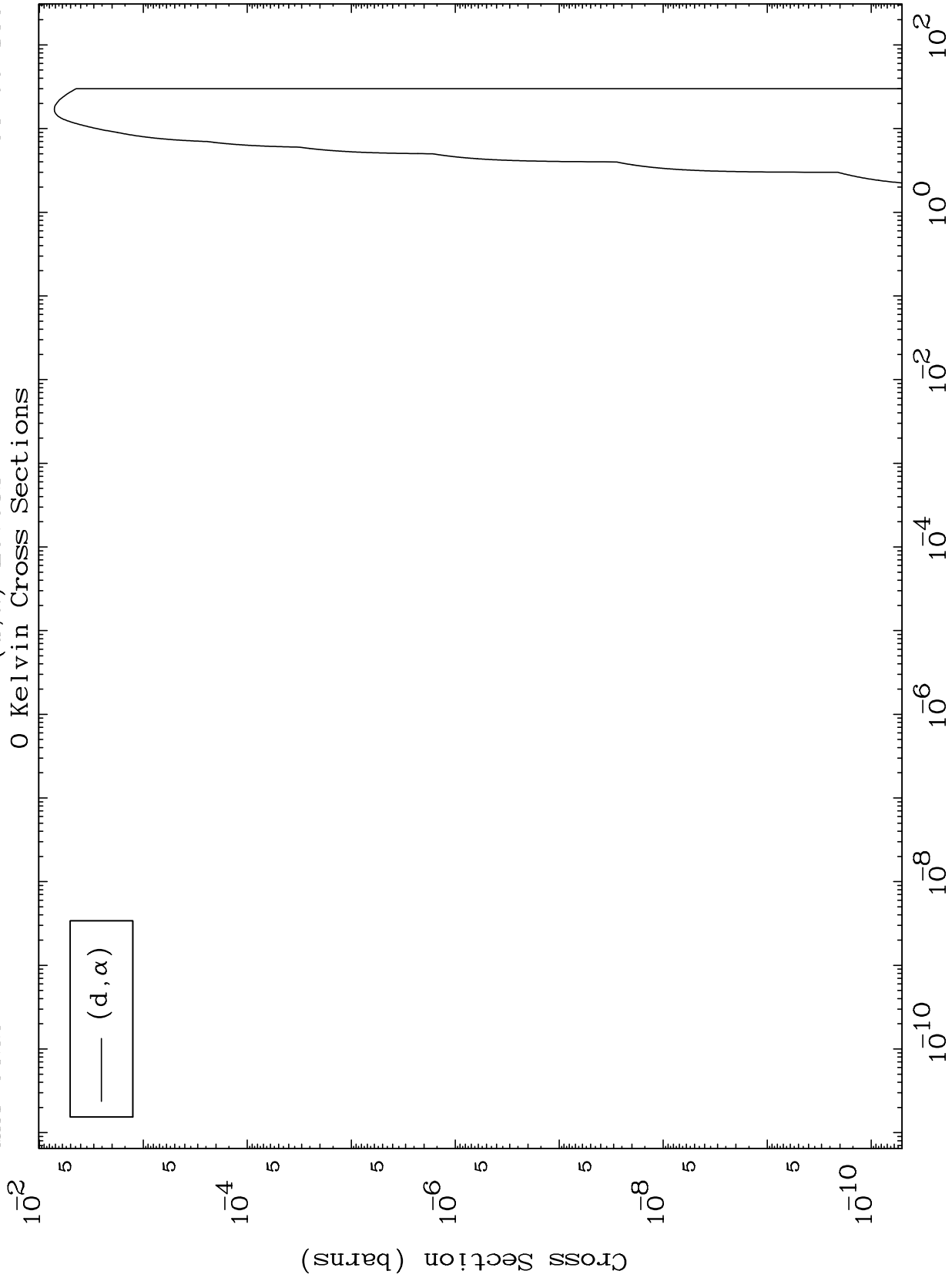
Incident Energy (MeV)

58-Ce-135

MAT 5822

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

58-Ce-135

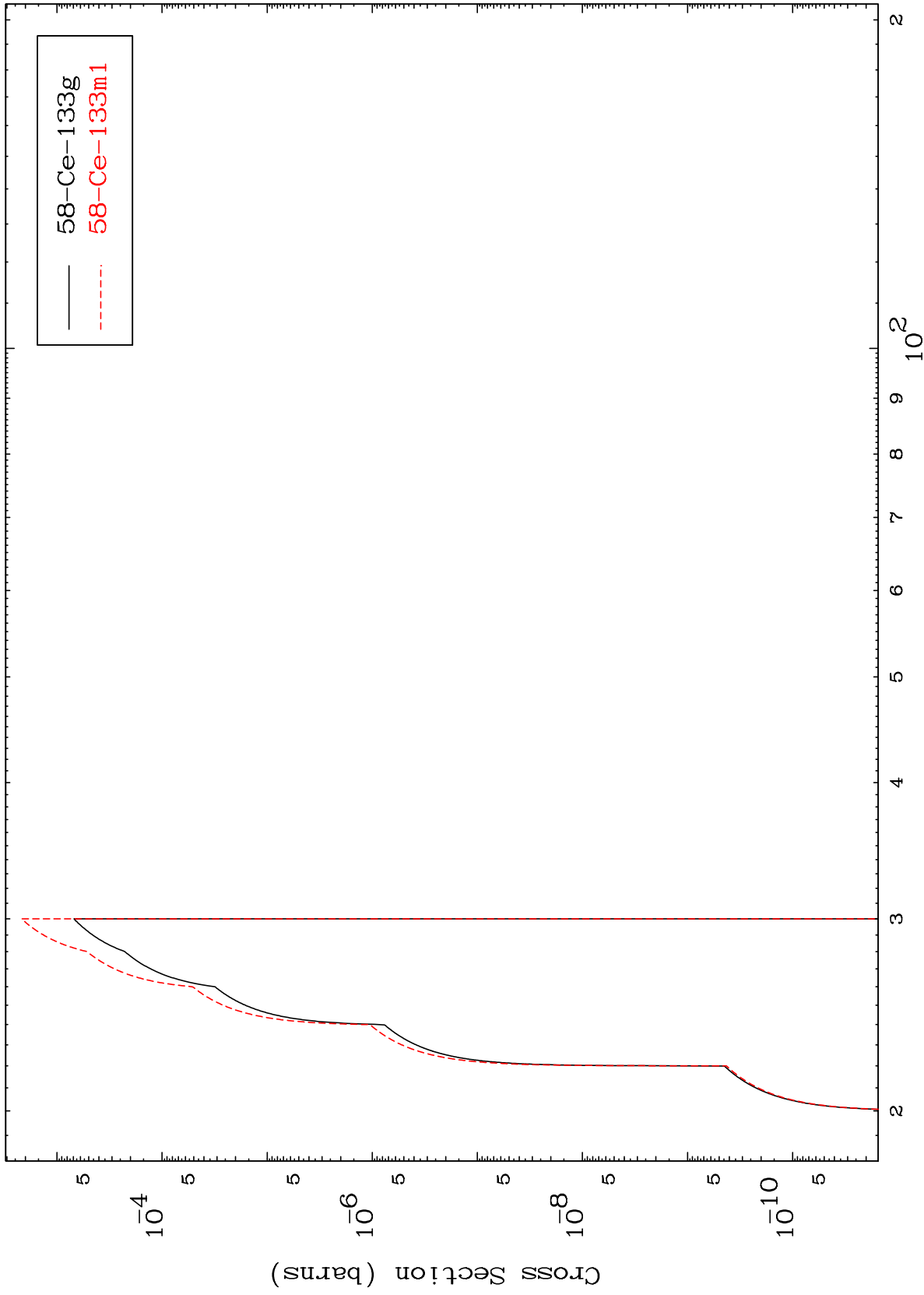


MAT 5822

(d,2n) d

58-Ce-135

Radionuclide Production Cross Section



12

Incident Energy (MeV)

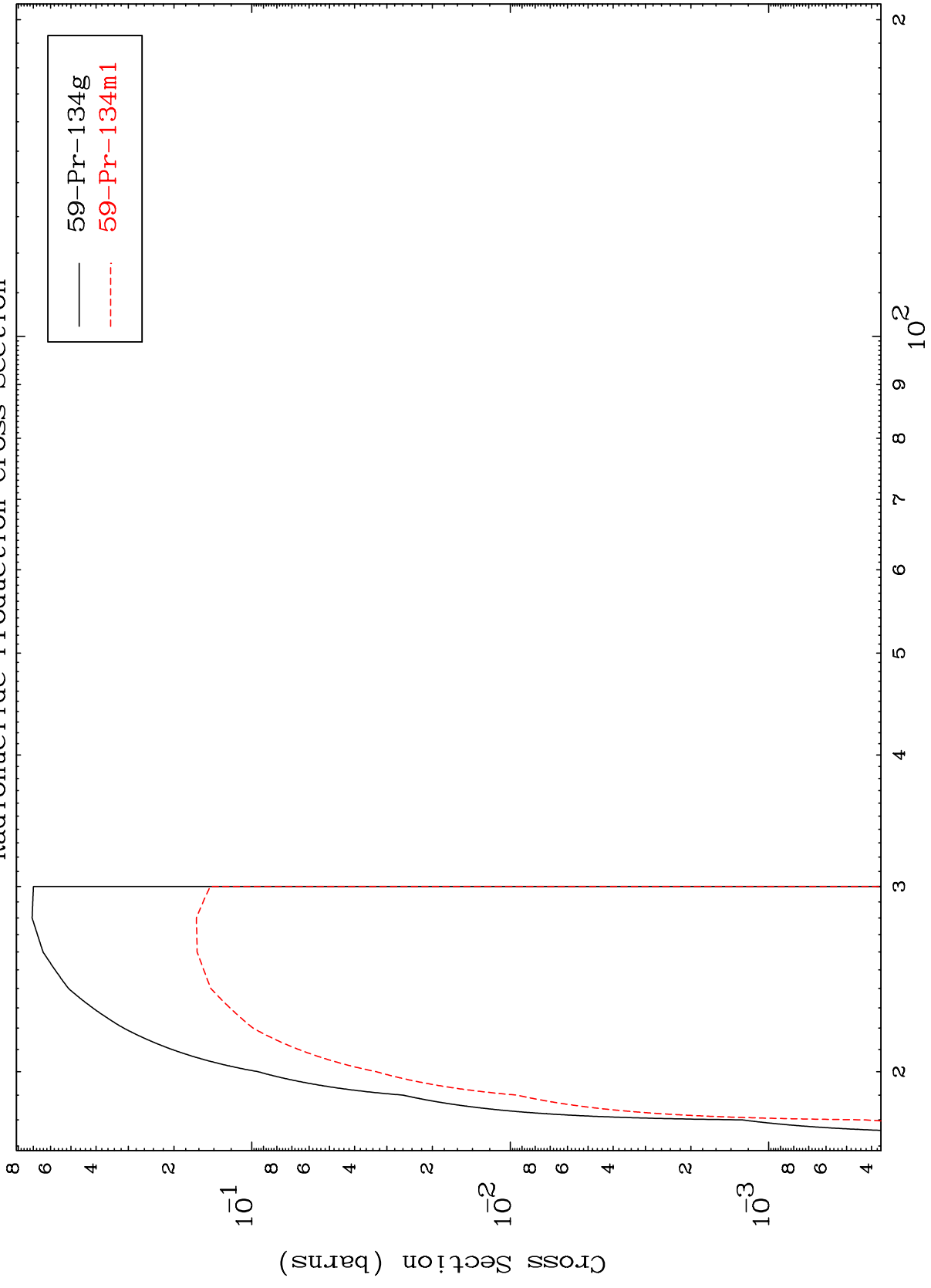
58-Ce-135

MAT 5822

(d,3n)

58-Ce-135

Radionuclide Production Cross Section



13

Incident Energy (MeV)

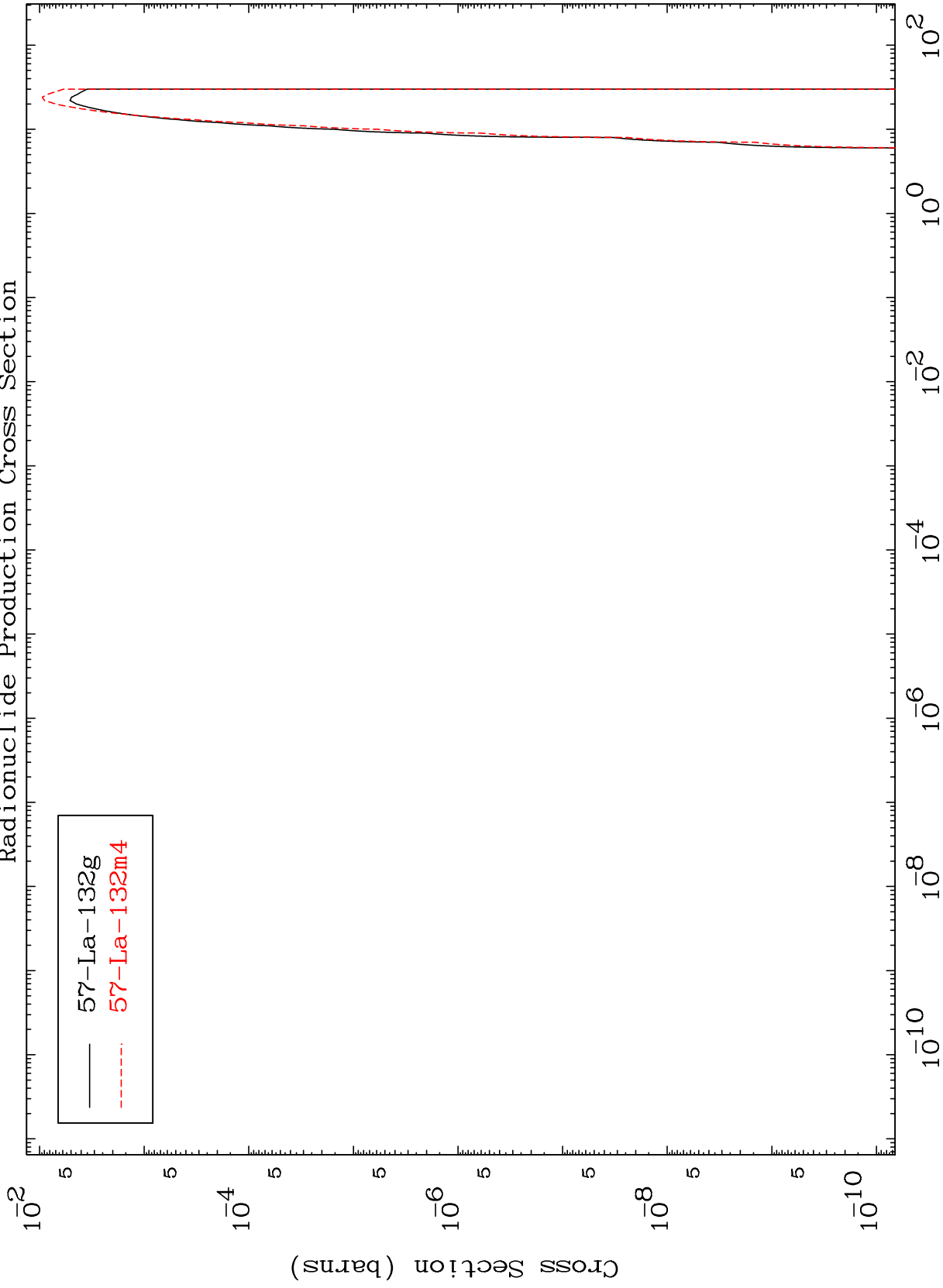
58-Ce-135

MAT 5822

(d,n')  $\alpha$

58-Ce-135

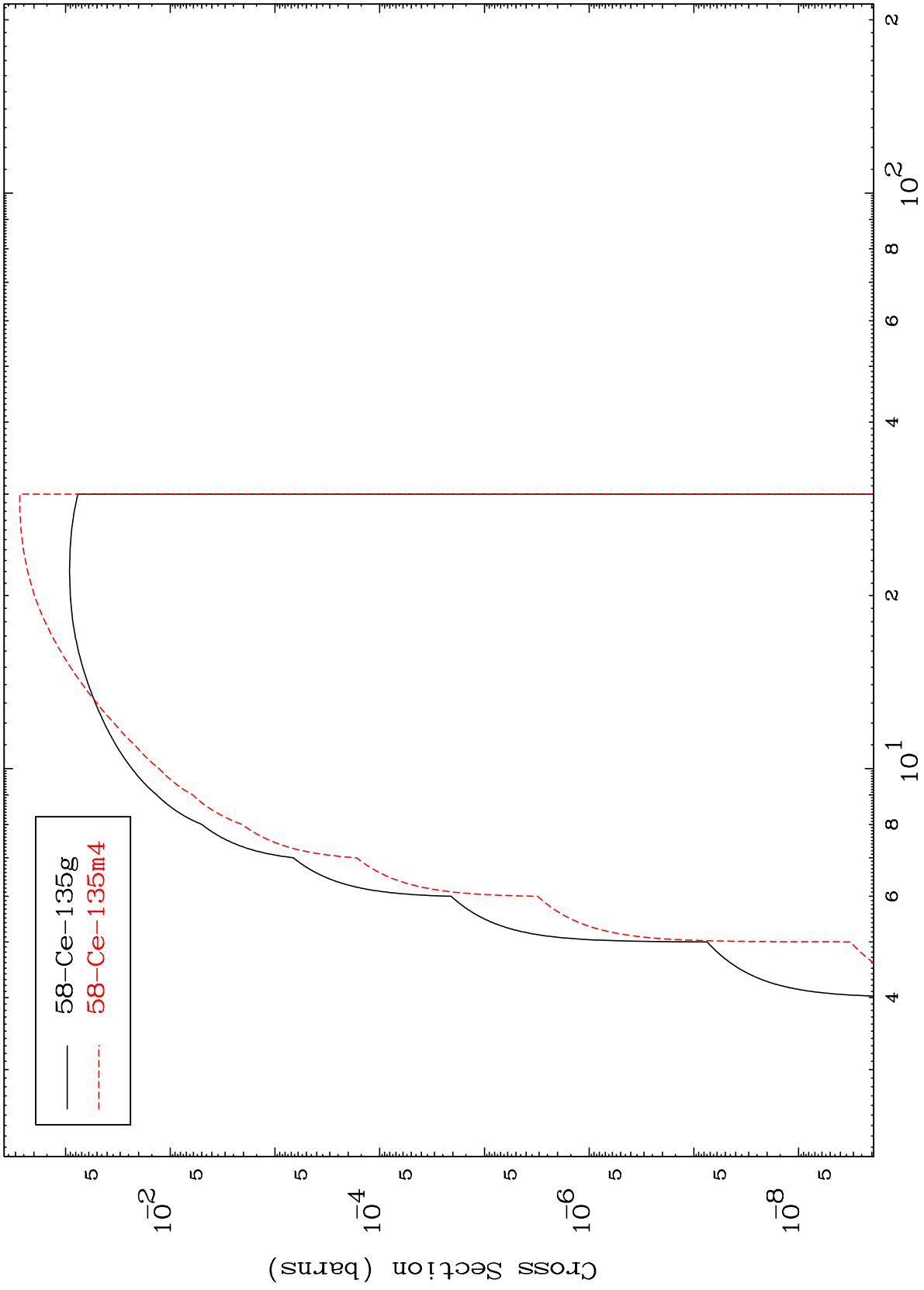
Radionuclide Production Cross Section



MAT 5822

58-Ce-135

(d,n') p  
Radionuclide Production Cross Section



15

58-Ce-135

58-Ce-135

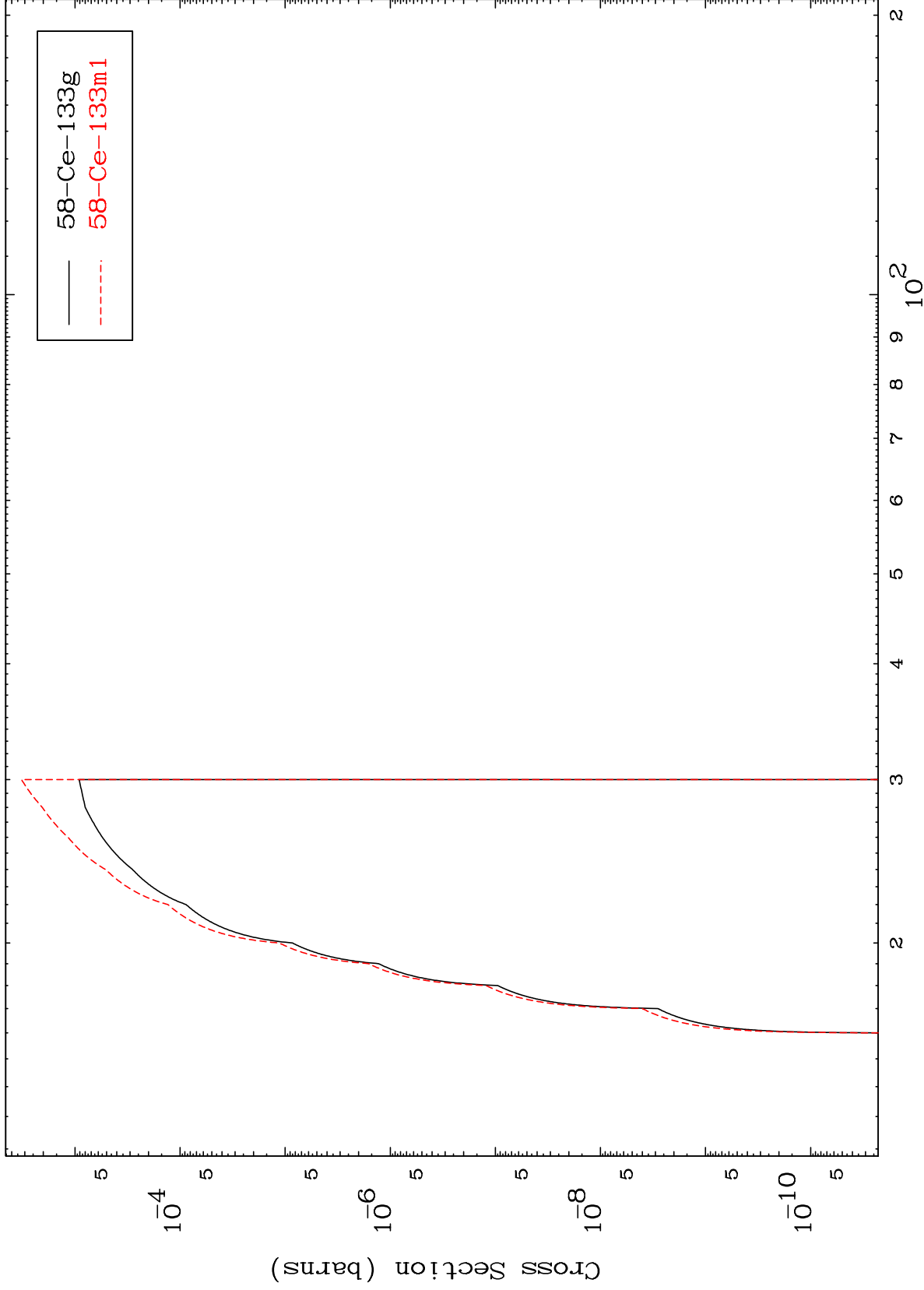


MAT 5822

(d,n') t

58-Ce-135

Radionuclide Production Cross Section



16

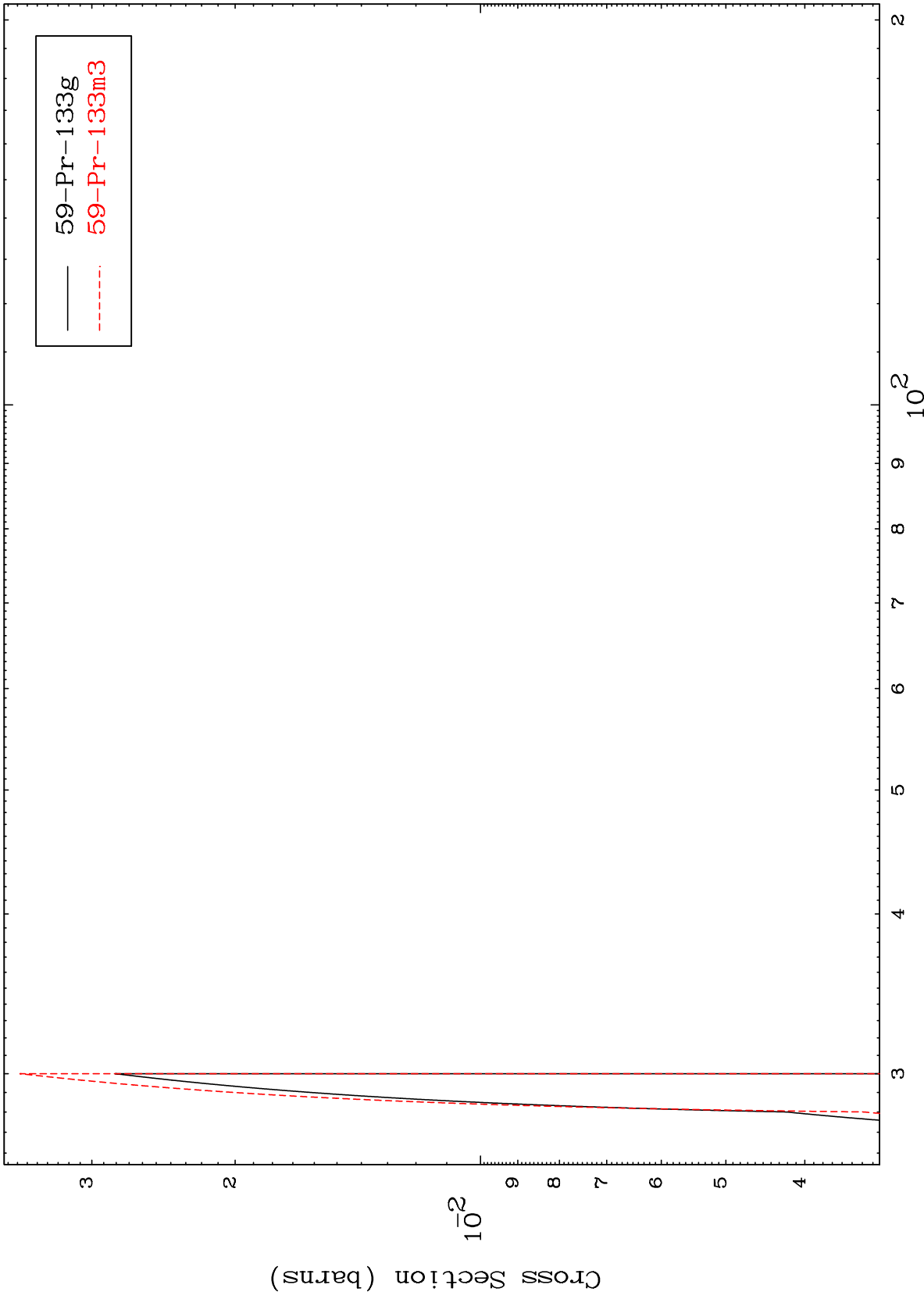
Incident Energy (MeV)

58-Ce-135

MAT 5822

58-Ce-135

(d,4n)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

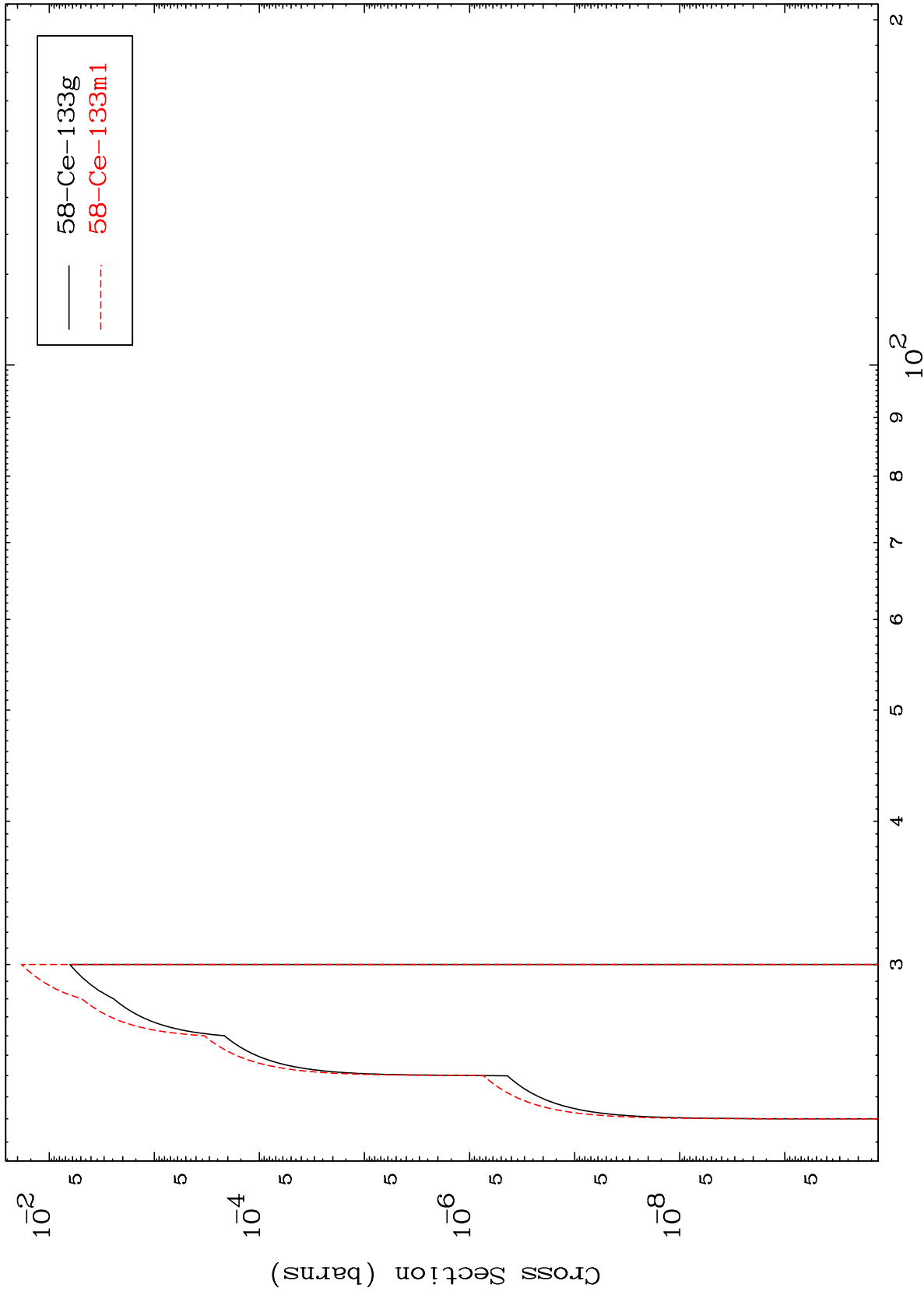
58-Ce-135

MAT 5822

(d,3n) p

58-Ce-135

Radionuclide Production Cross Section



18

Incident Energy (MeV)

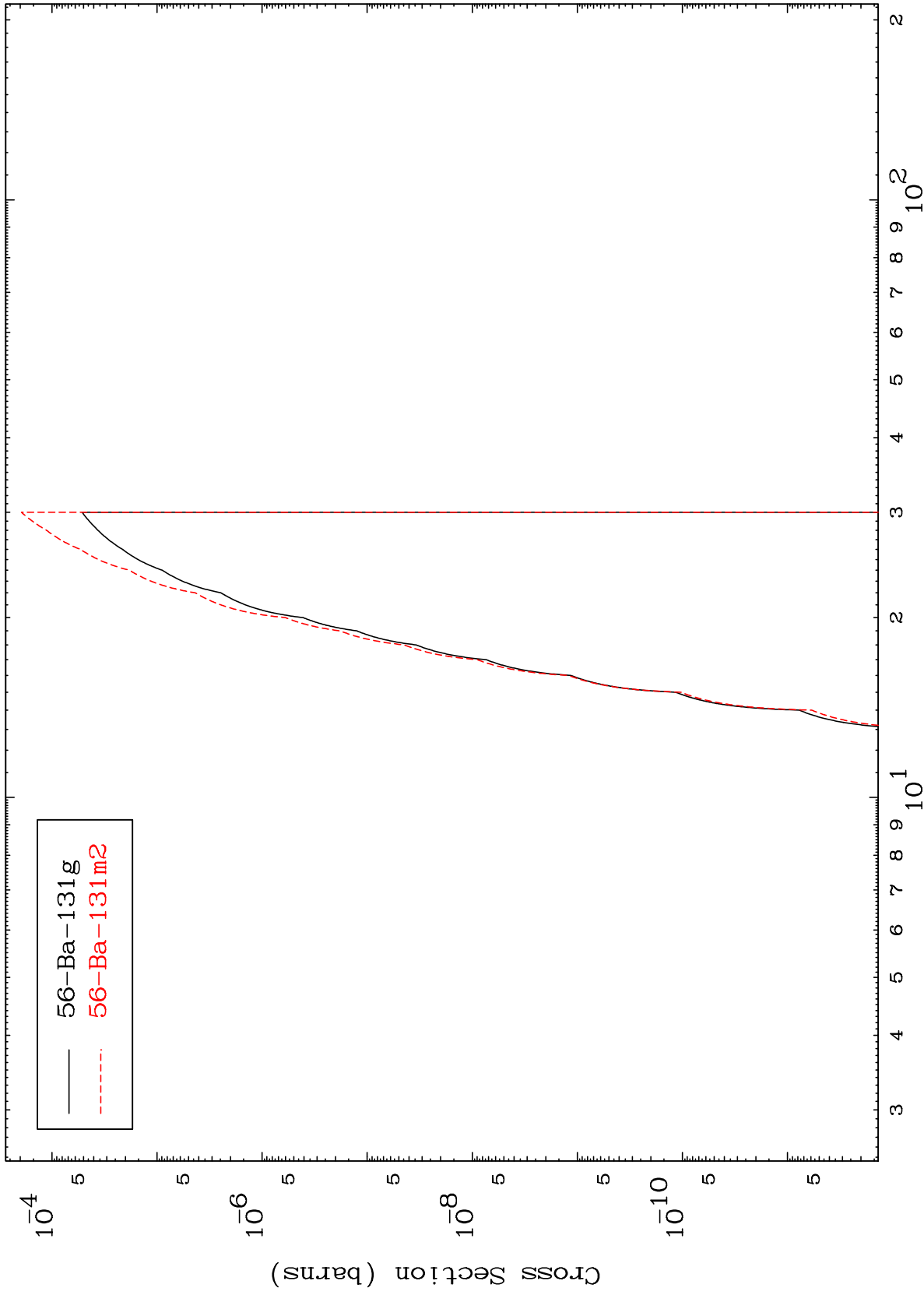
58-Ce-135

MAT 5822

(d,n') p  $\alpha$

58-Ce-135

Radionuclide Production Cross Section



56-Ba-131g  
56-Ba-131m2

19

Incident Energy (MeV)

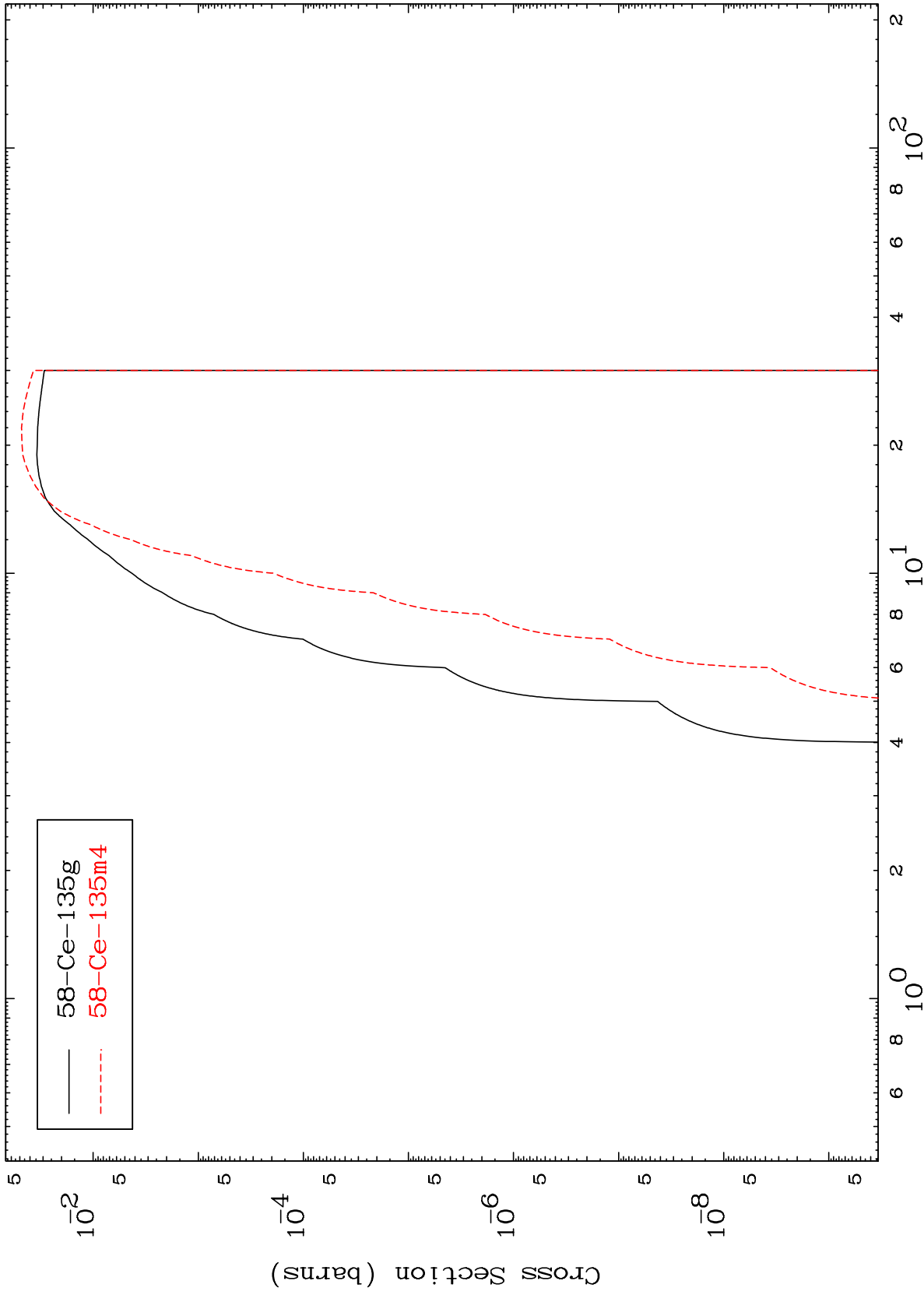
58-Ce-135

MAT 5822

(d,d)

58-Ce-135

Radionuclide Production Cross Section



20

Incident Energy (MeV)

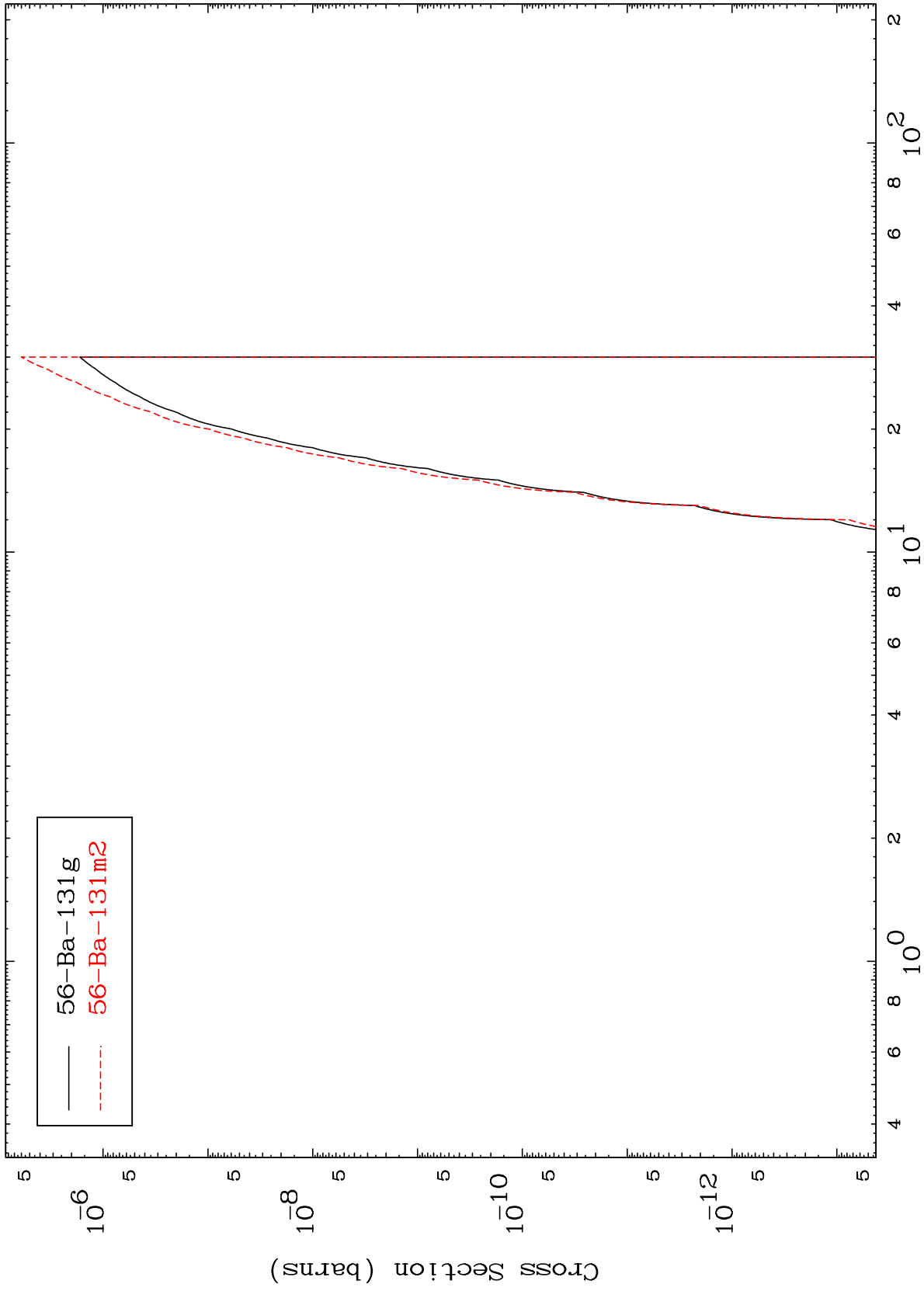
58-Ce-135

MAT 5822

(d,d)  $\alpha$

58-Ce-135

Radionuclide Production Cross Section



21

Incident Energy (MeV)

58-Ce-135