

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

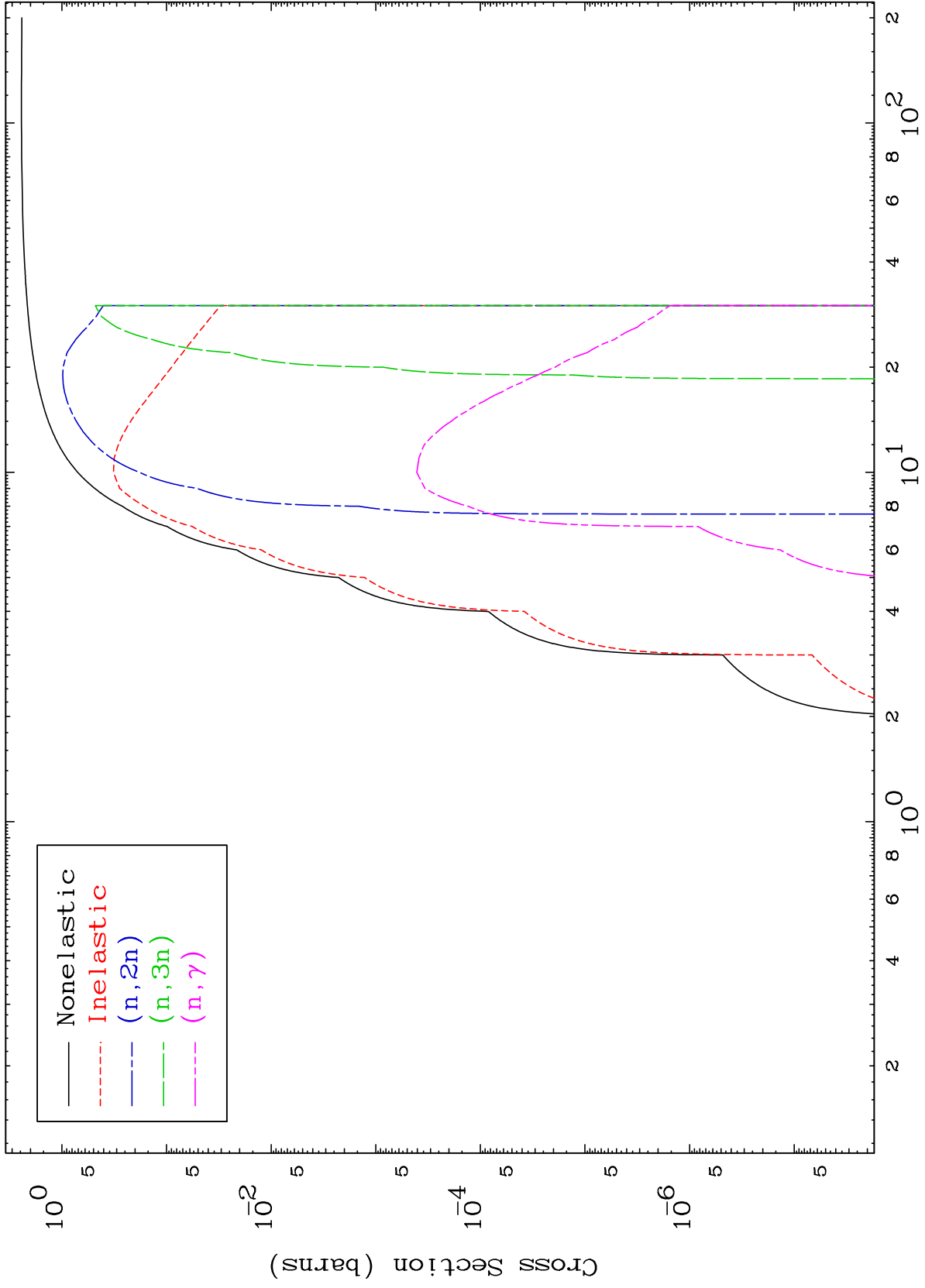
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5816

Deuteron Major  
0 Kelvin Cross Sections

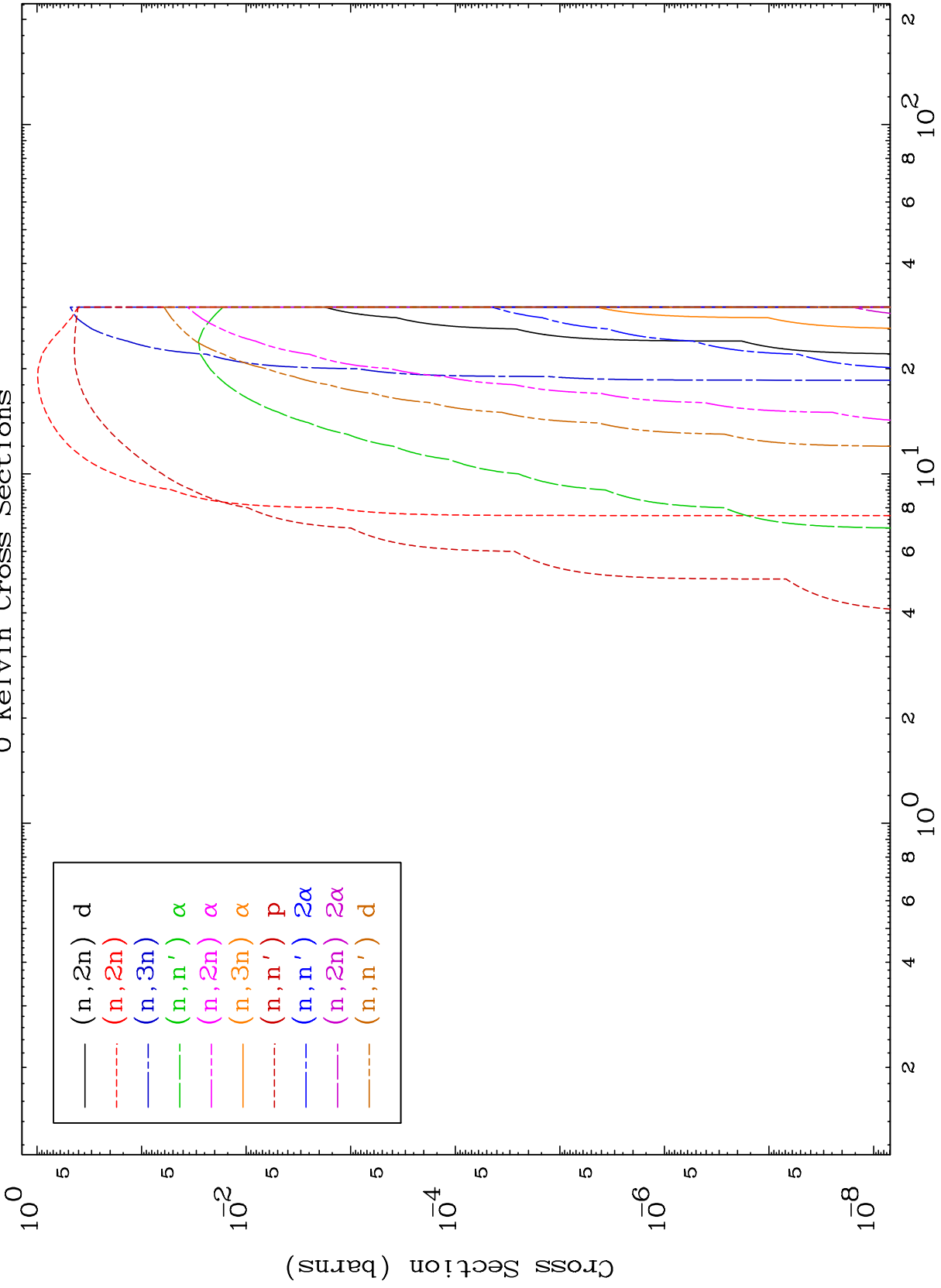
58-Ce-133

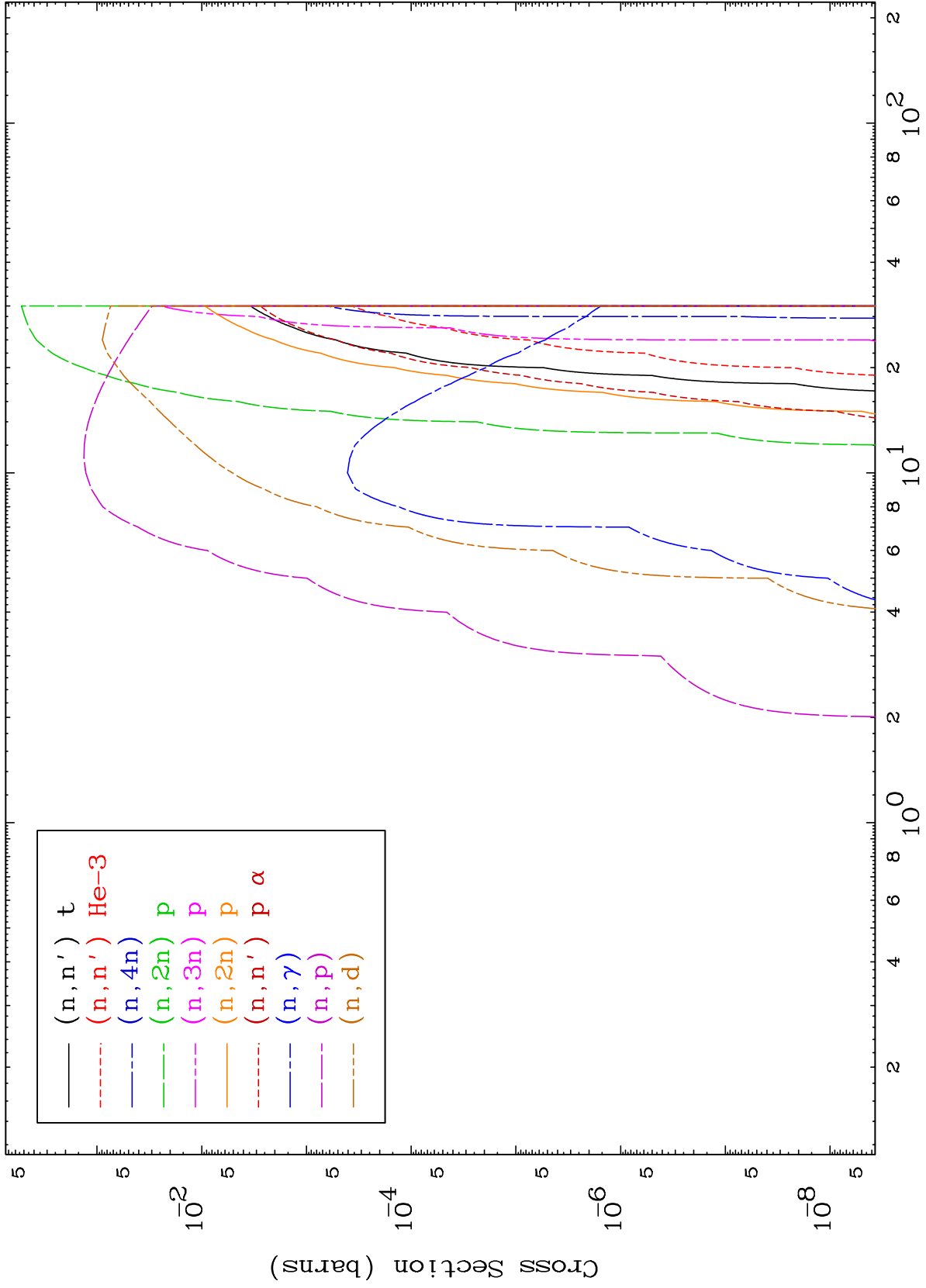


MAT 5816

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-133

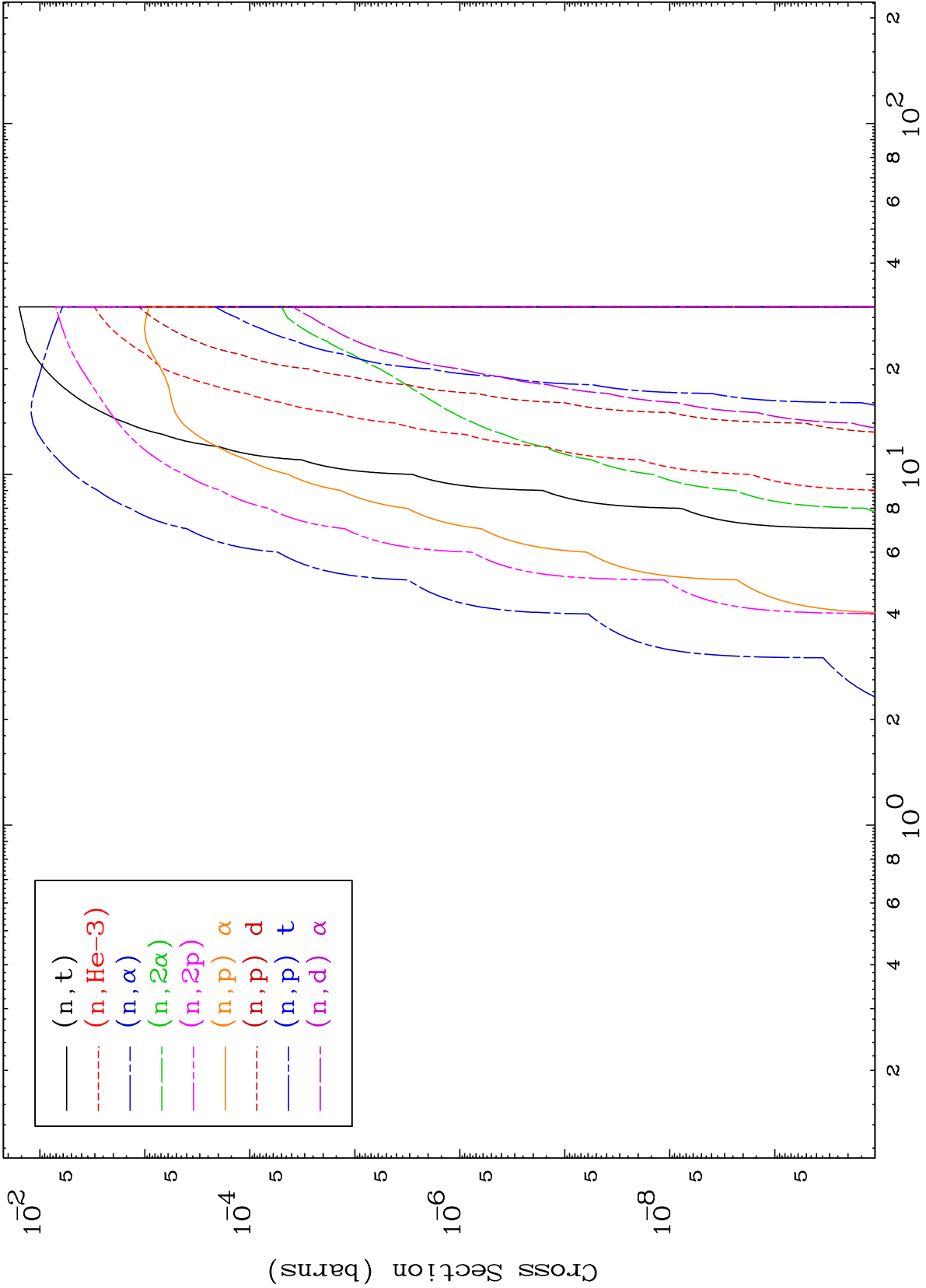




MAT 5816

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-133



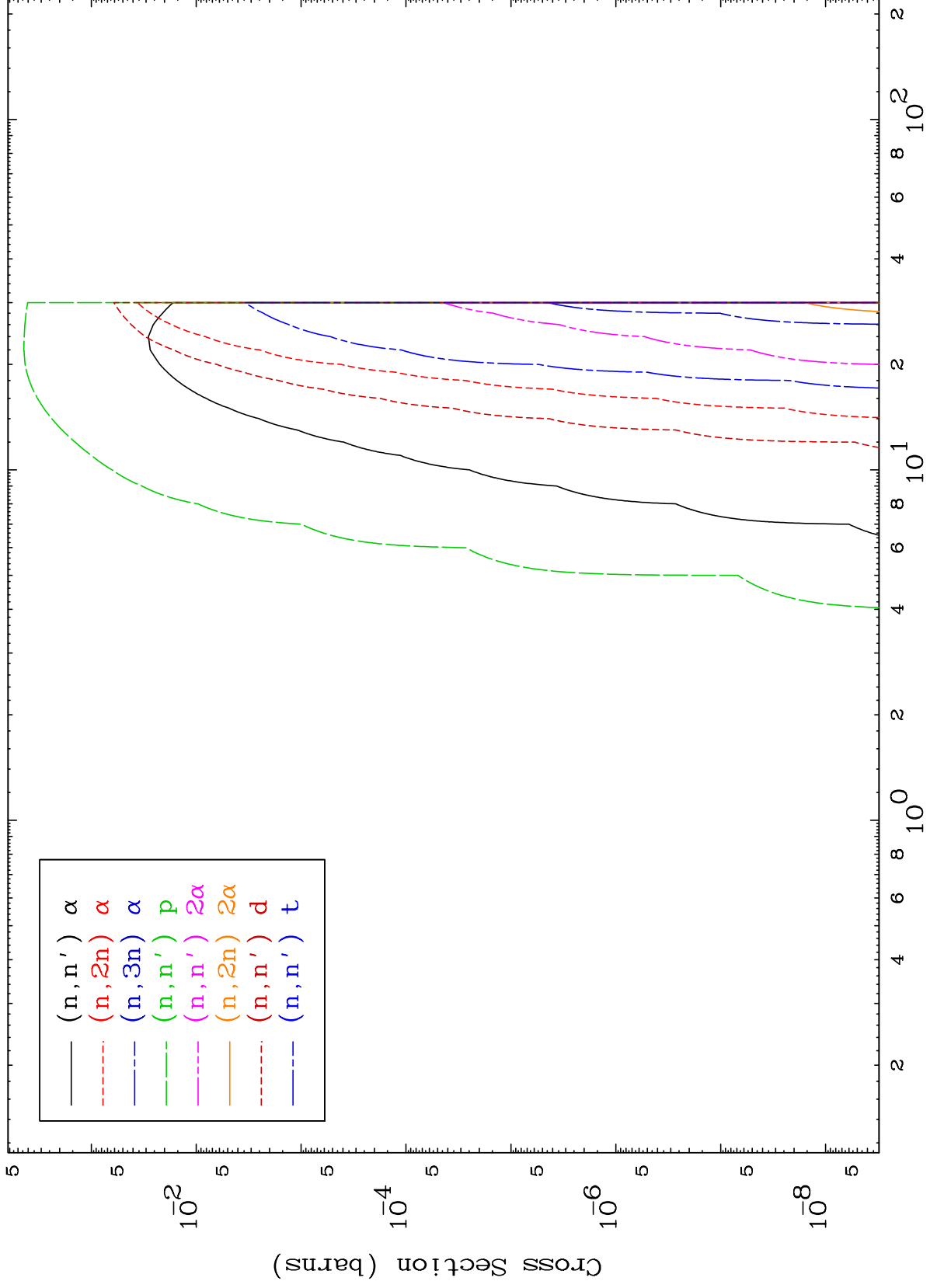
58-Ce-133

Incident Energy (MeV)

MAT 5816

Deuteron Charged Particle  
0 Kelvin Cross Sections

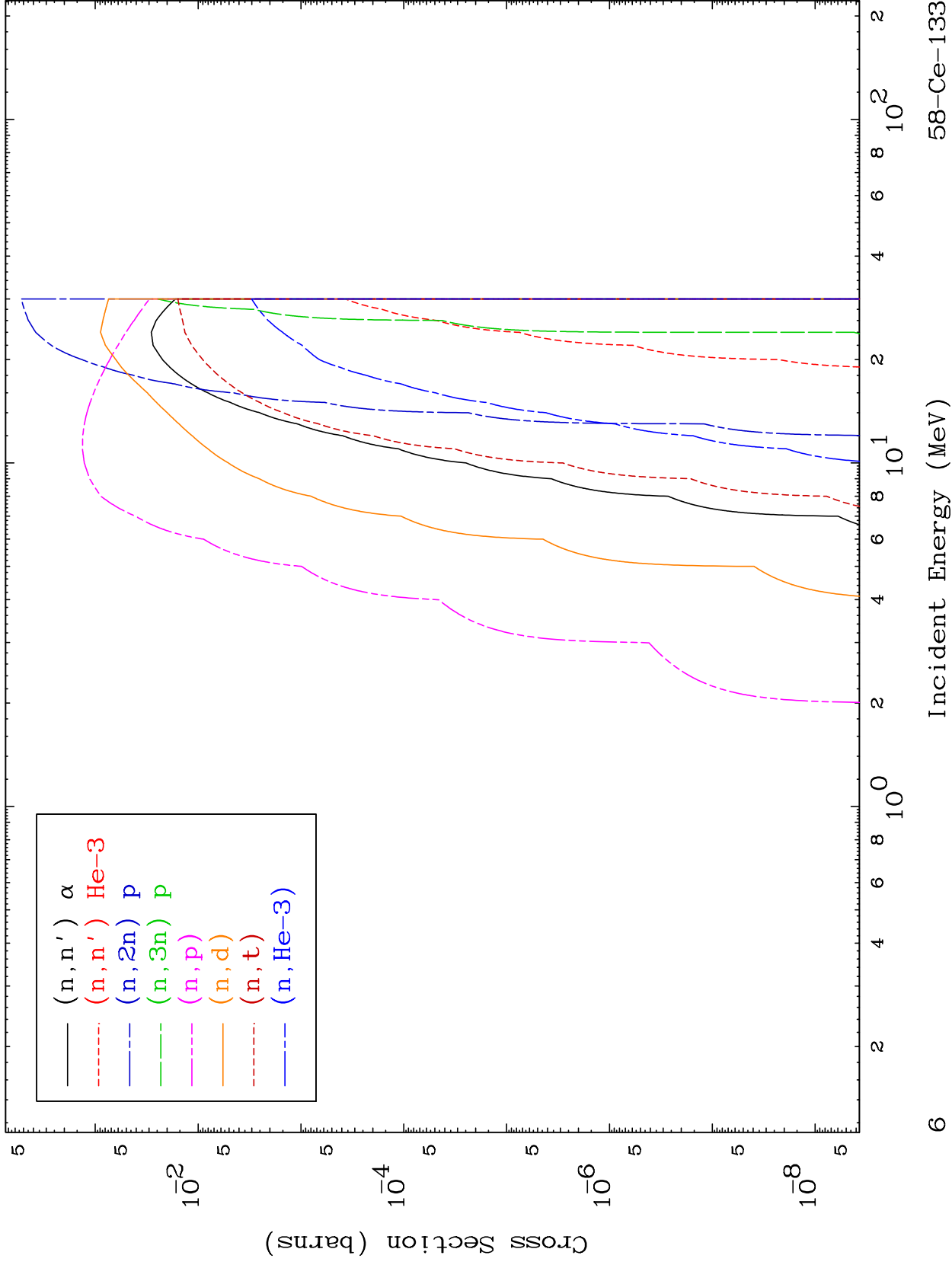
58-Ce-133

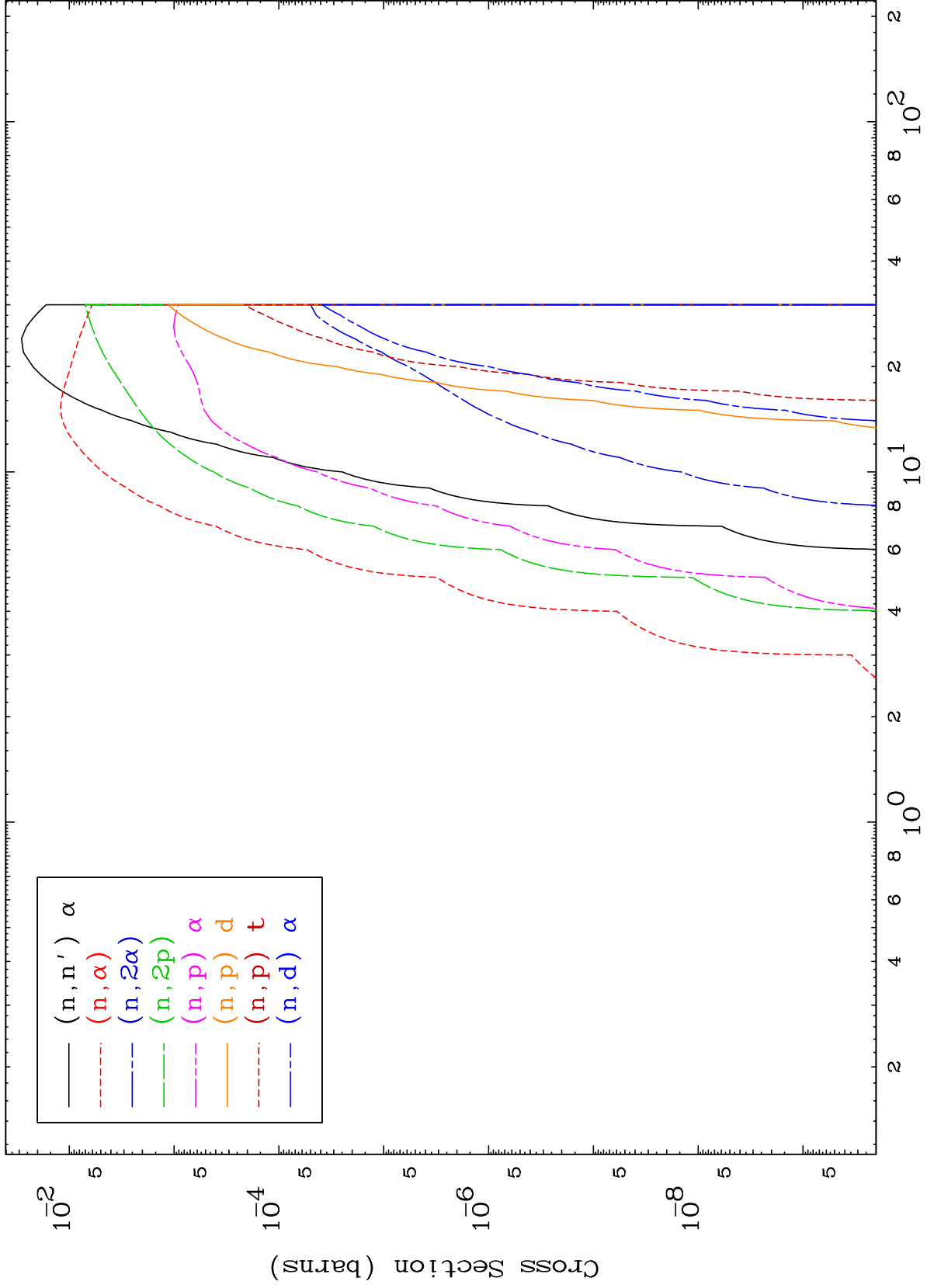


MAT 5816

Deuteron Charged Particle  
0 Kelvin Cross Sections

58-Ce-133



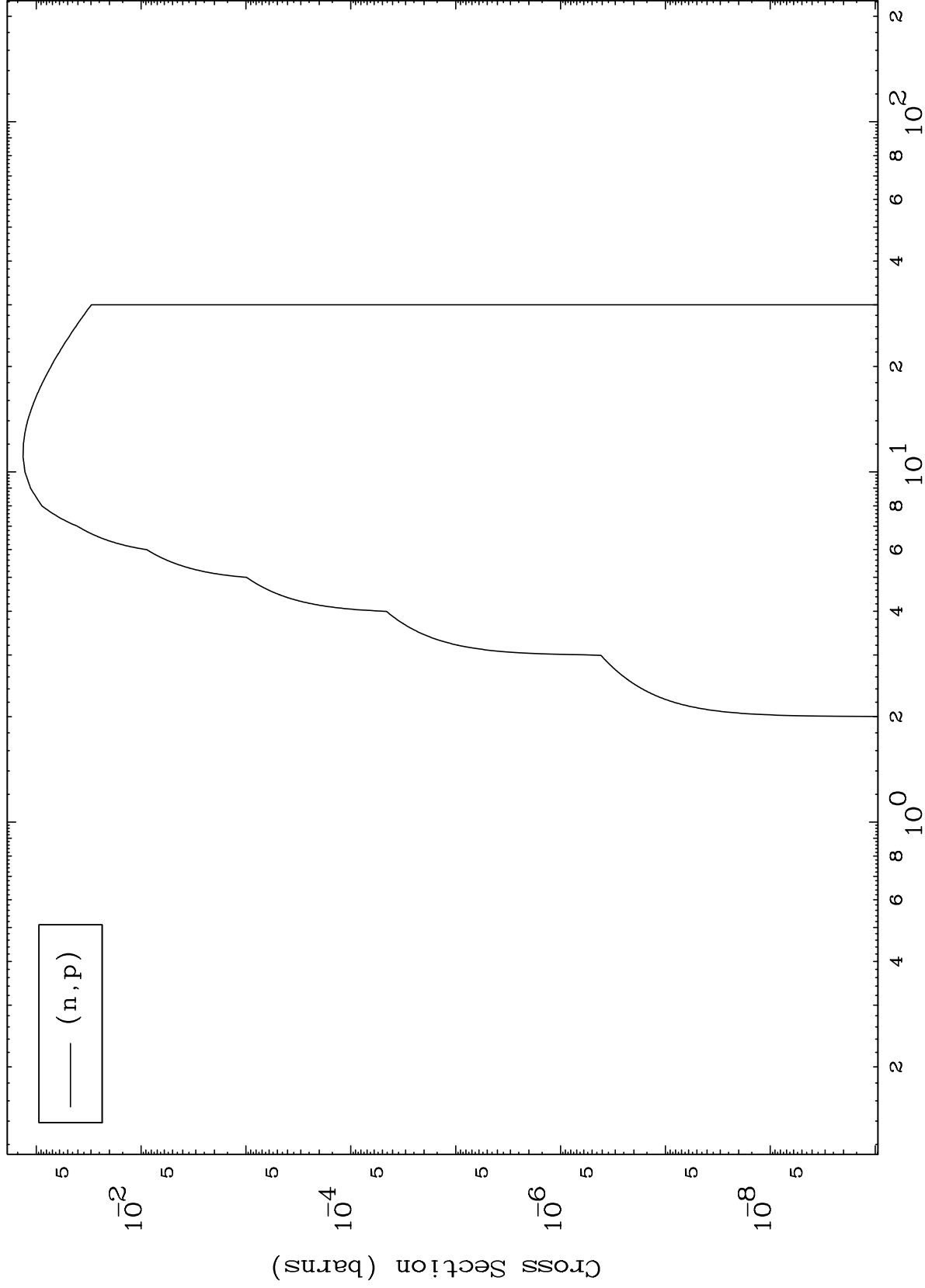


MAT 5816

(d,p) Levels

58-Ce-133

0 Kelvin Cross Sections

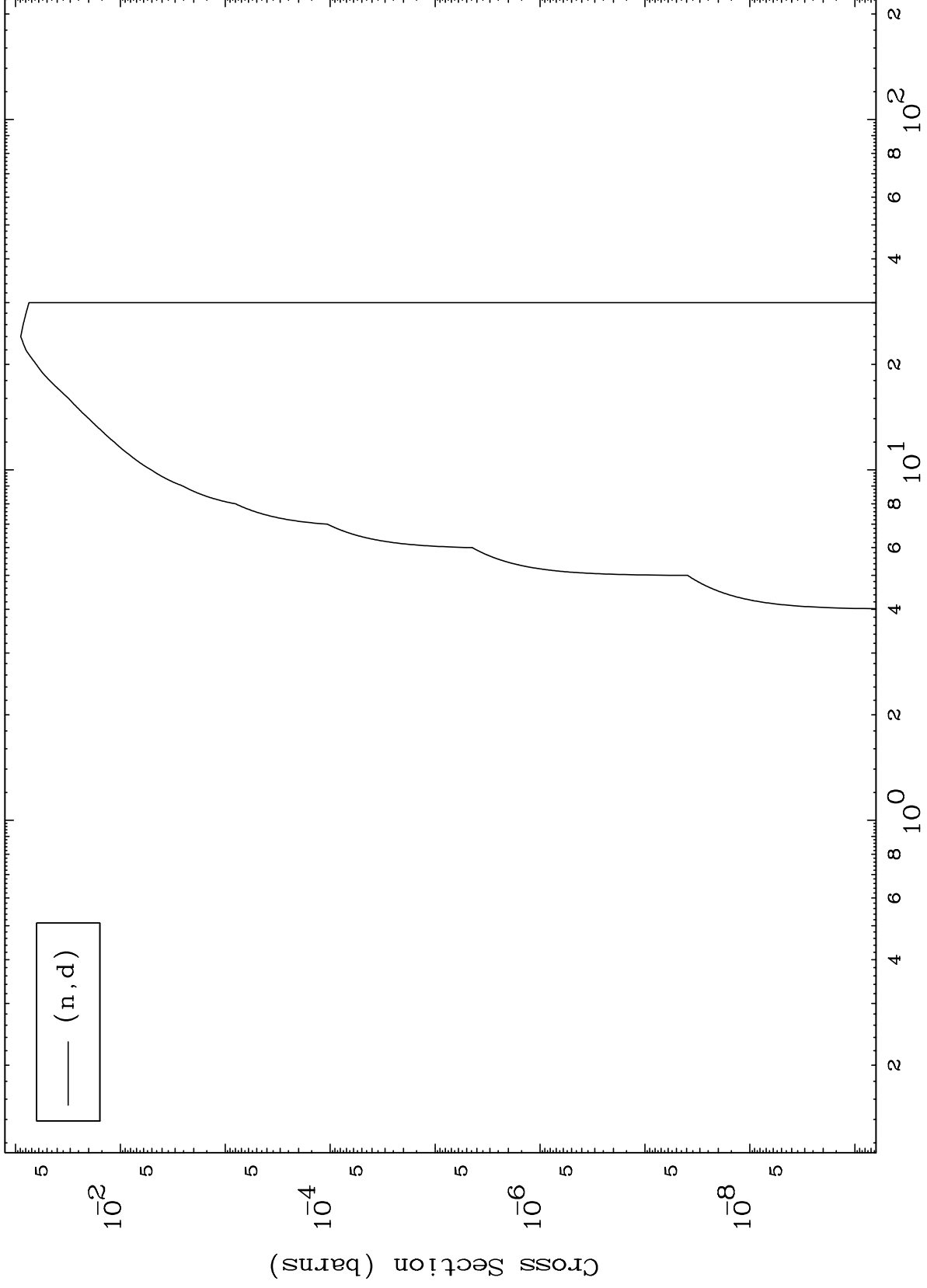


MAT 5816

(d,d) Levels

58-Ce-133

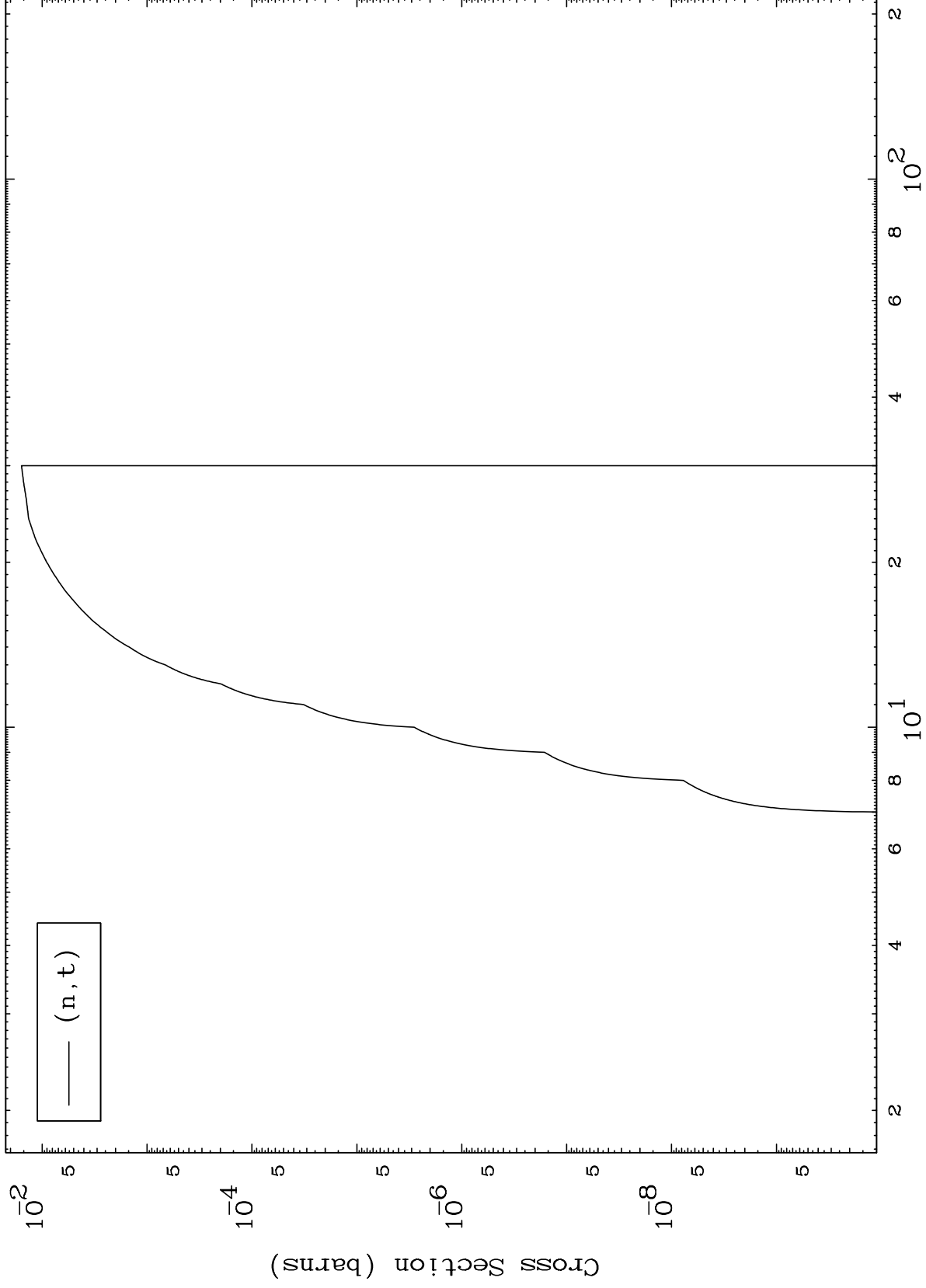
0 Kelvin Cross Sections



MAT 5816

(d,t) Levels  
0 Kelvin Cross Sections

58-Ce-133



10

Incident Energy (MeV)

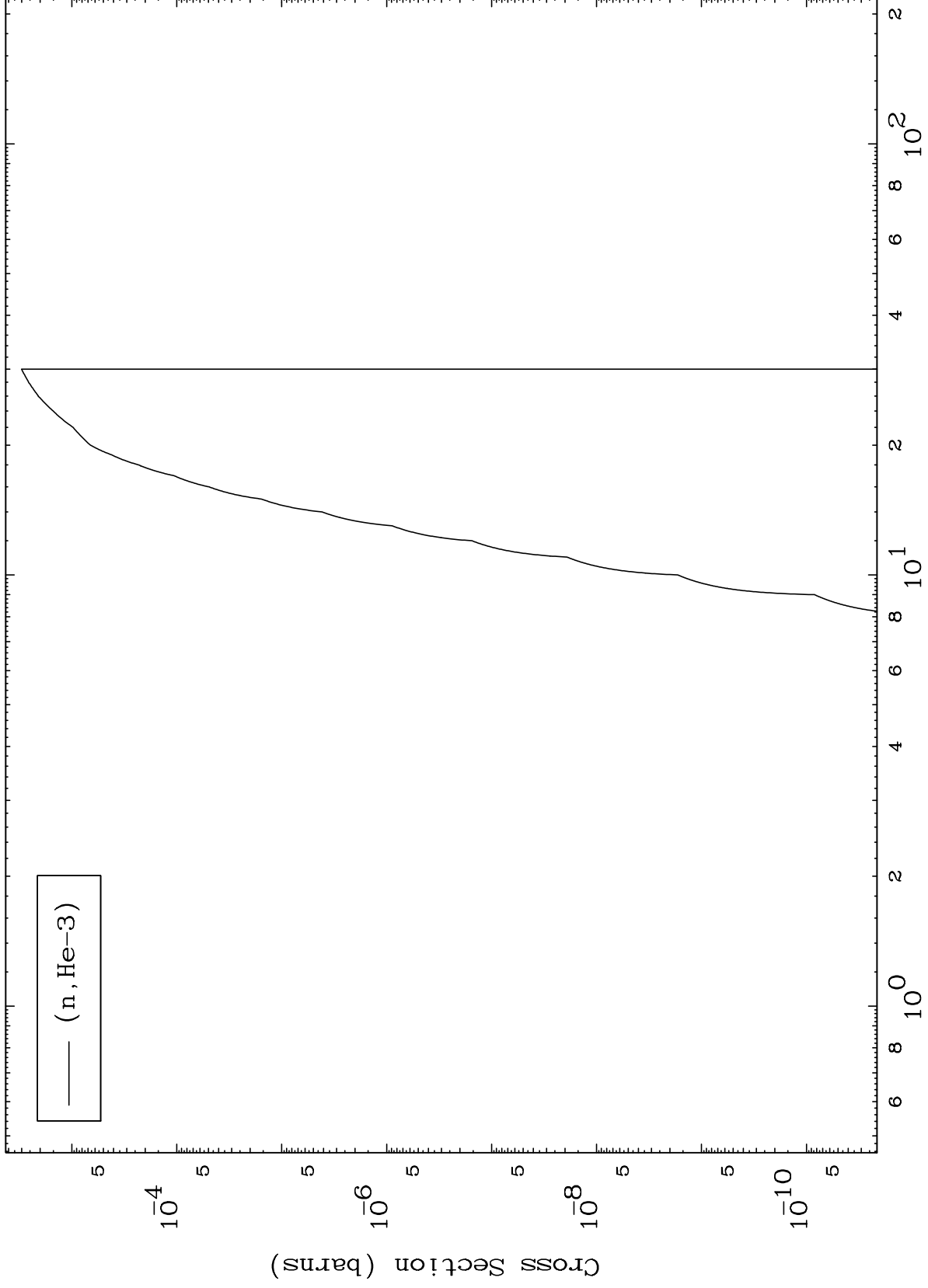
58-Ce-133

MAT 5816

(d,He3) Levels

58-Ce-133

0 Kelvin Cross Sections



11

Incident Energy (MeV)

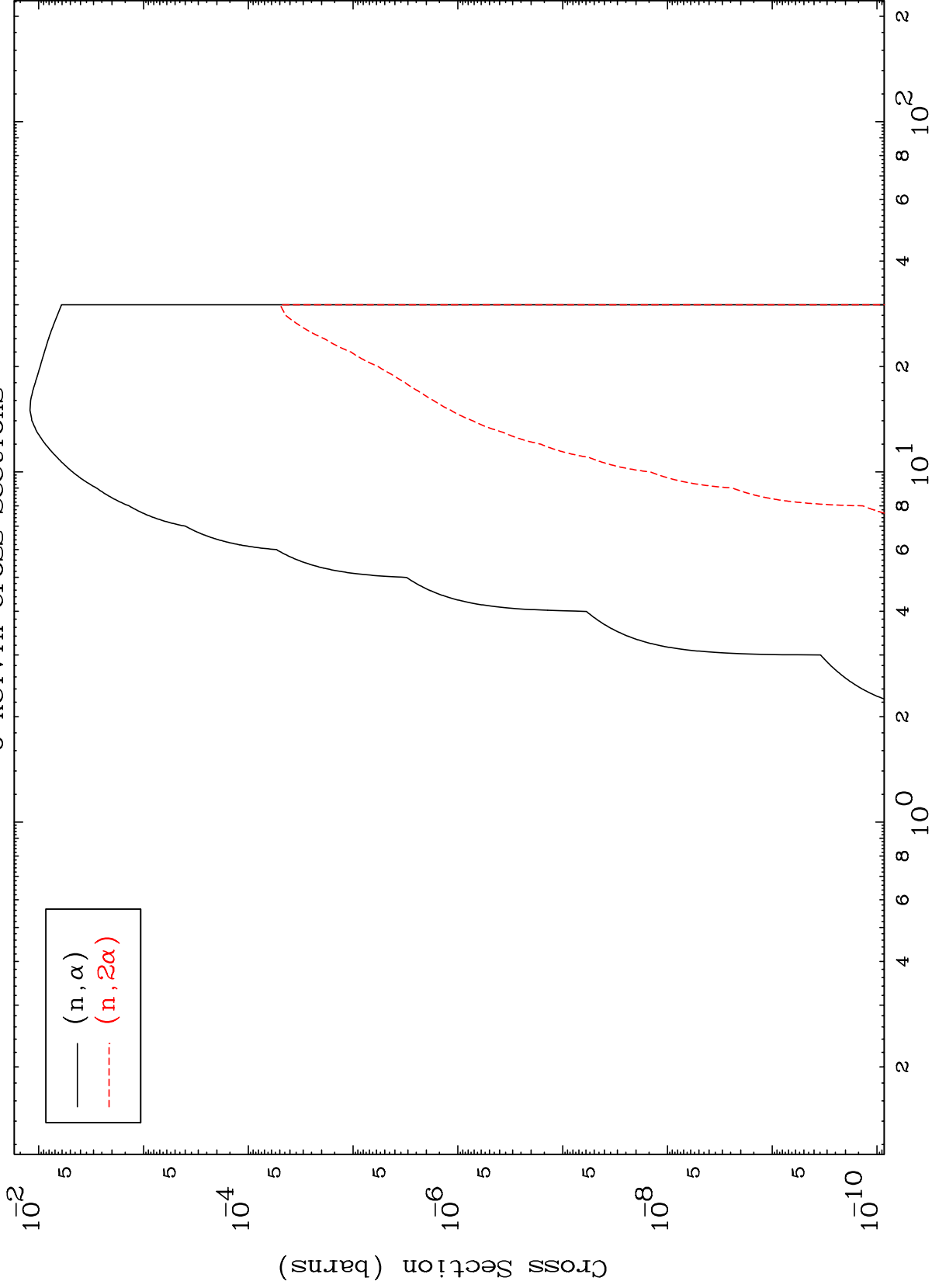
58-Ce-133

MAT 5816

(d,  $\alpha$ ) Levels

58-Ce-133

0 Kelvin Cross Sections



12

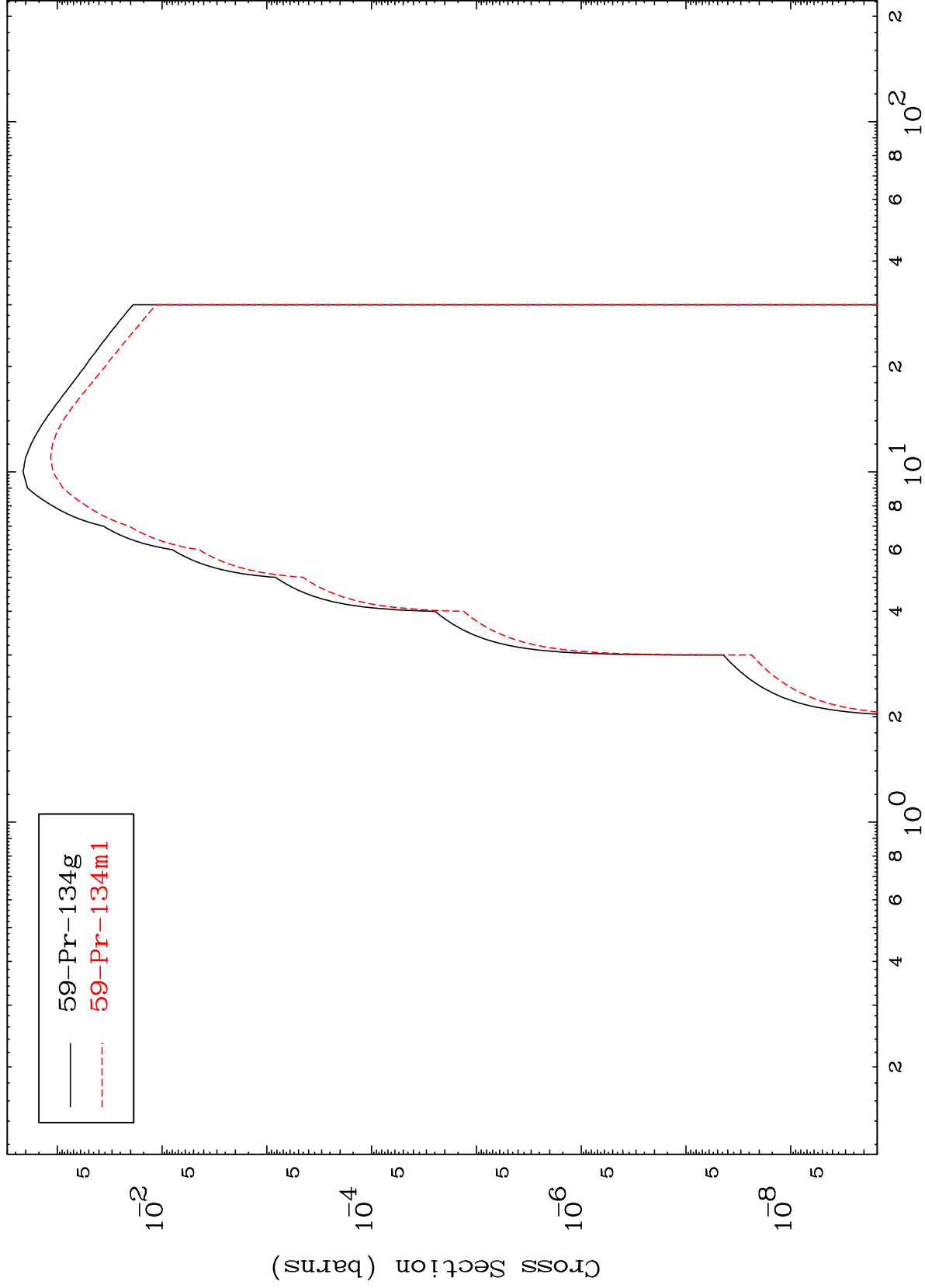
Incident Energy (MeV)

58-Ce-133

MAT 5816

58-Ce-133

Inelastic  
Radionuclide Production Cross Section



59-Pr-134g  
59-Pr-134m1

58-Ce-133

Incident Energy (MeV)

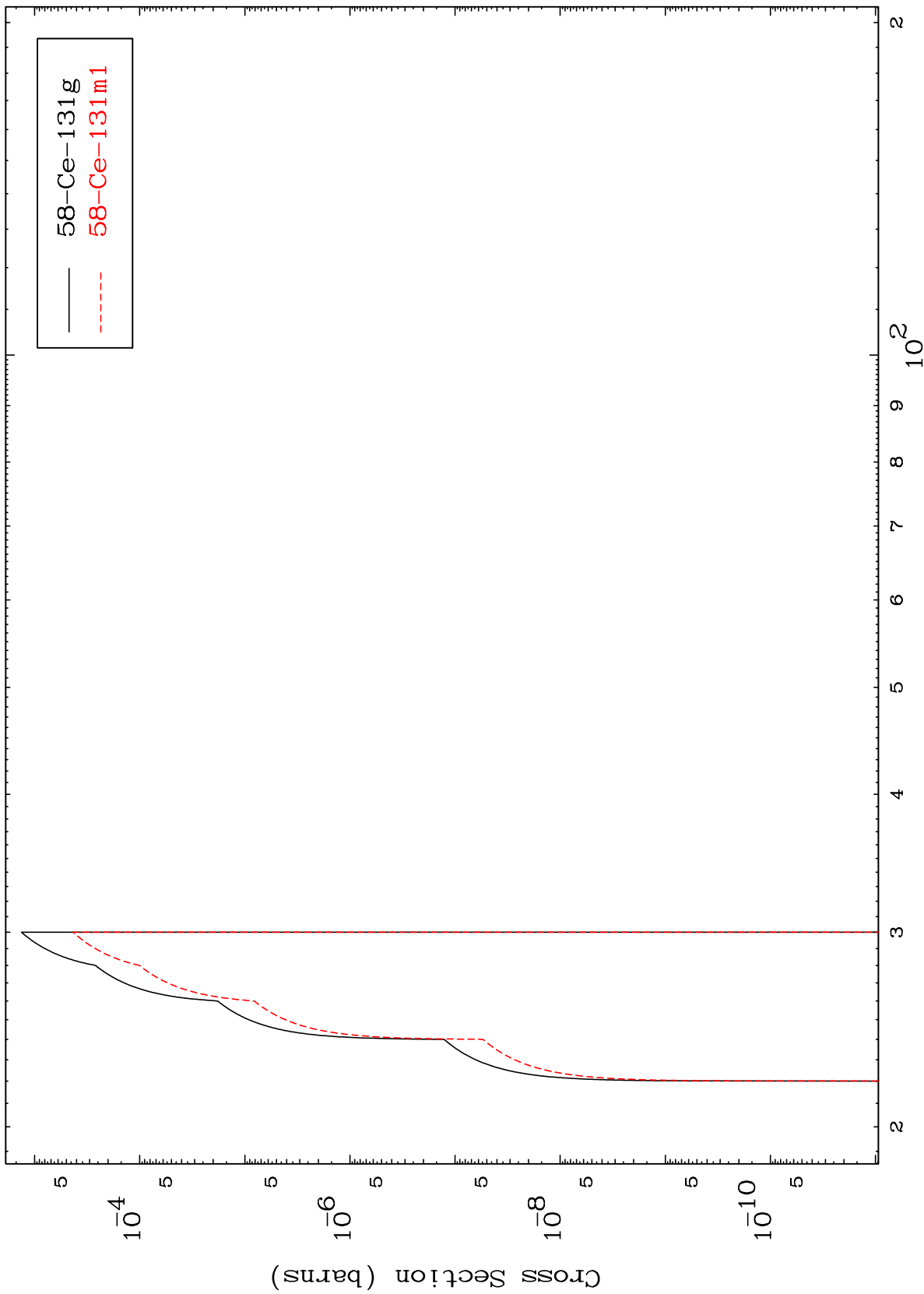
13

MAT 5816

(n,2n) d

58-Ce-133

Radionuclide Production Cross Section



14

Incident Energy (MeV)

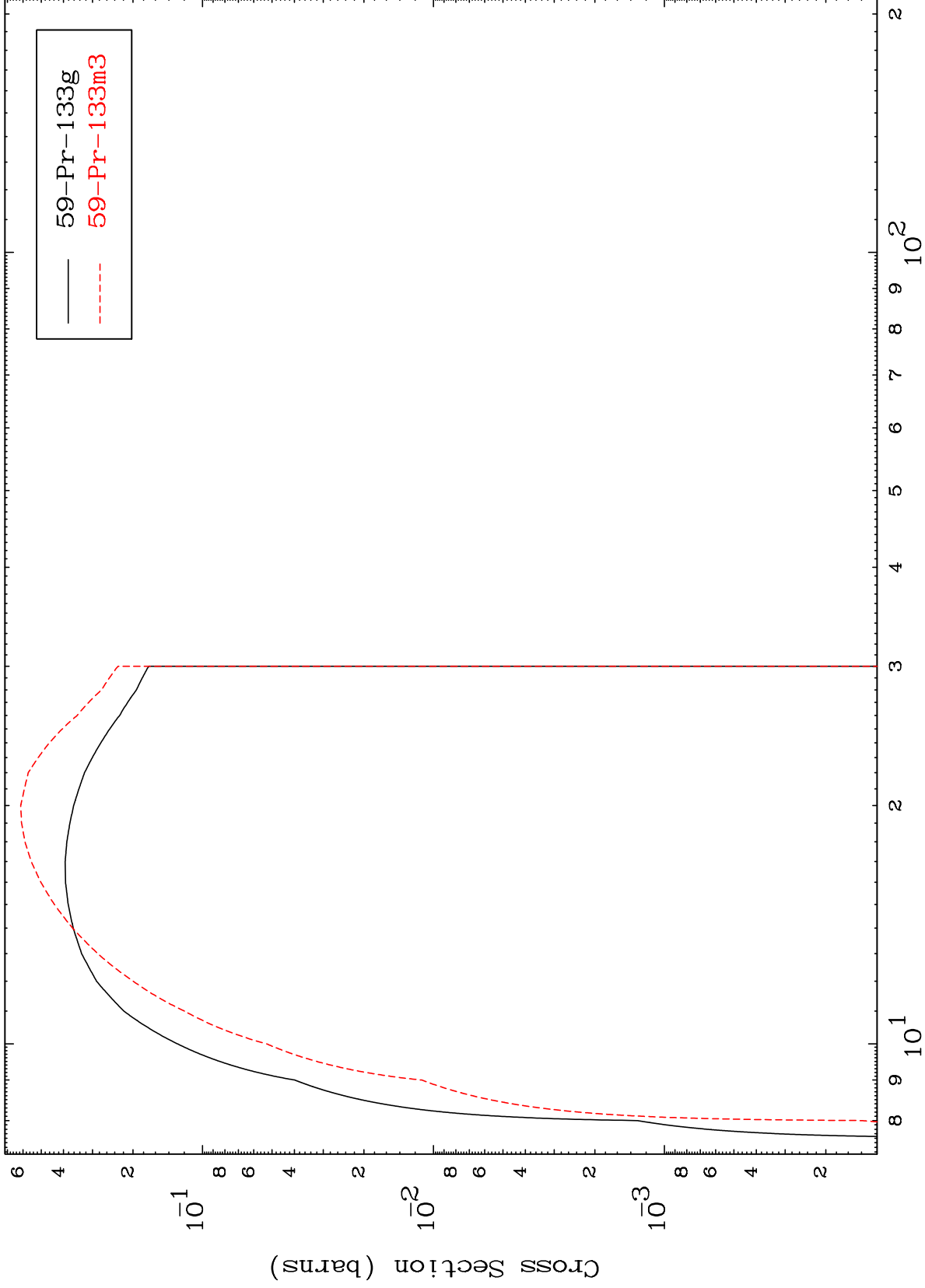
58-Ce-133

MAT 5816

(n,2n)

58-Ce-133

Radionuclide Production Cross Section



15

Incident Energy (MeV)

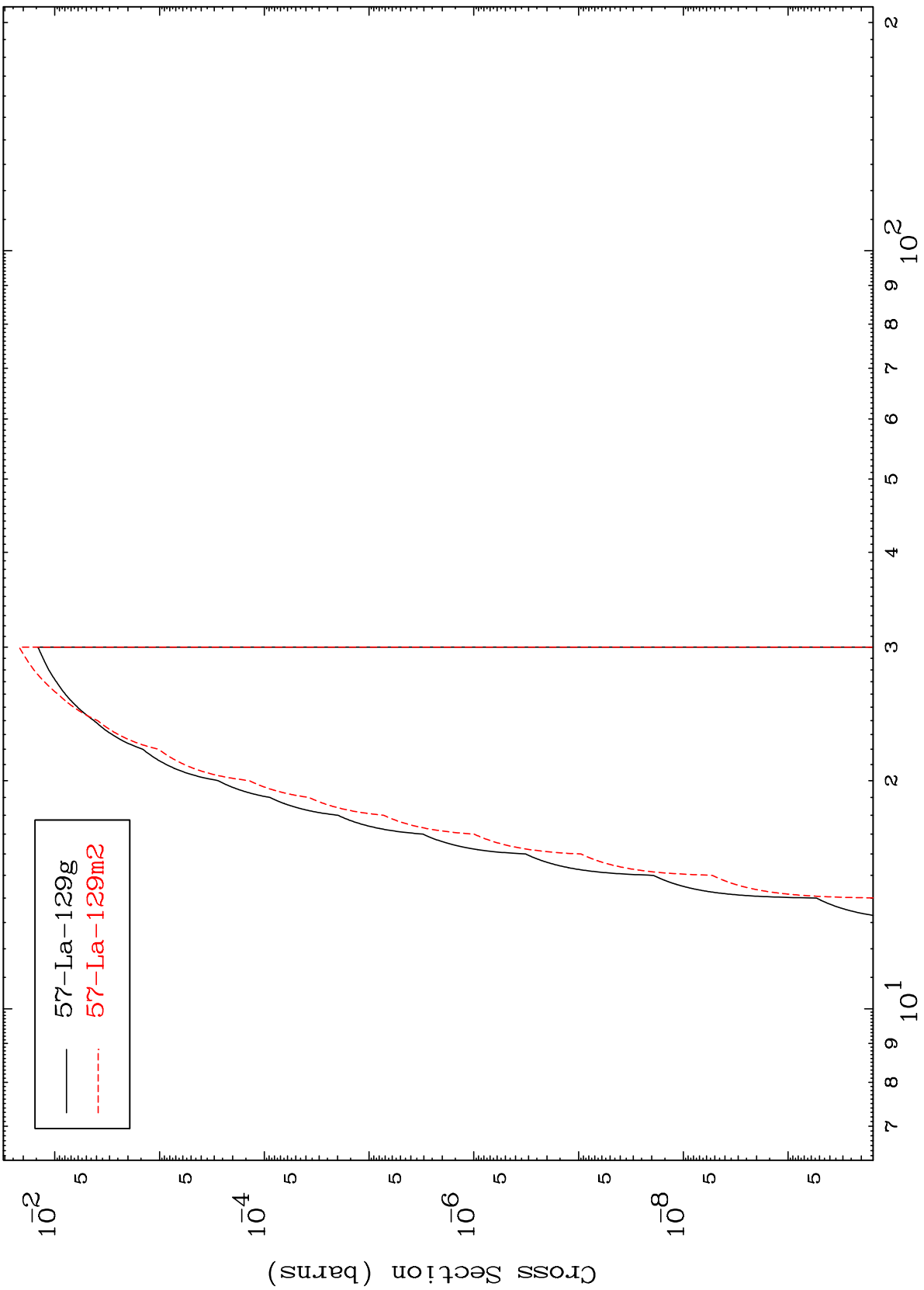
58-Ce-133

MAT 5816

(n,2n)  $\alpha$

58-Ce-133

Radionuclide Production Cross Section

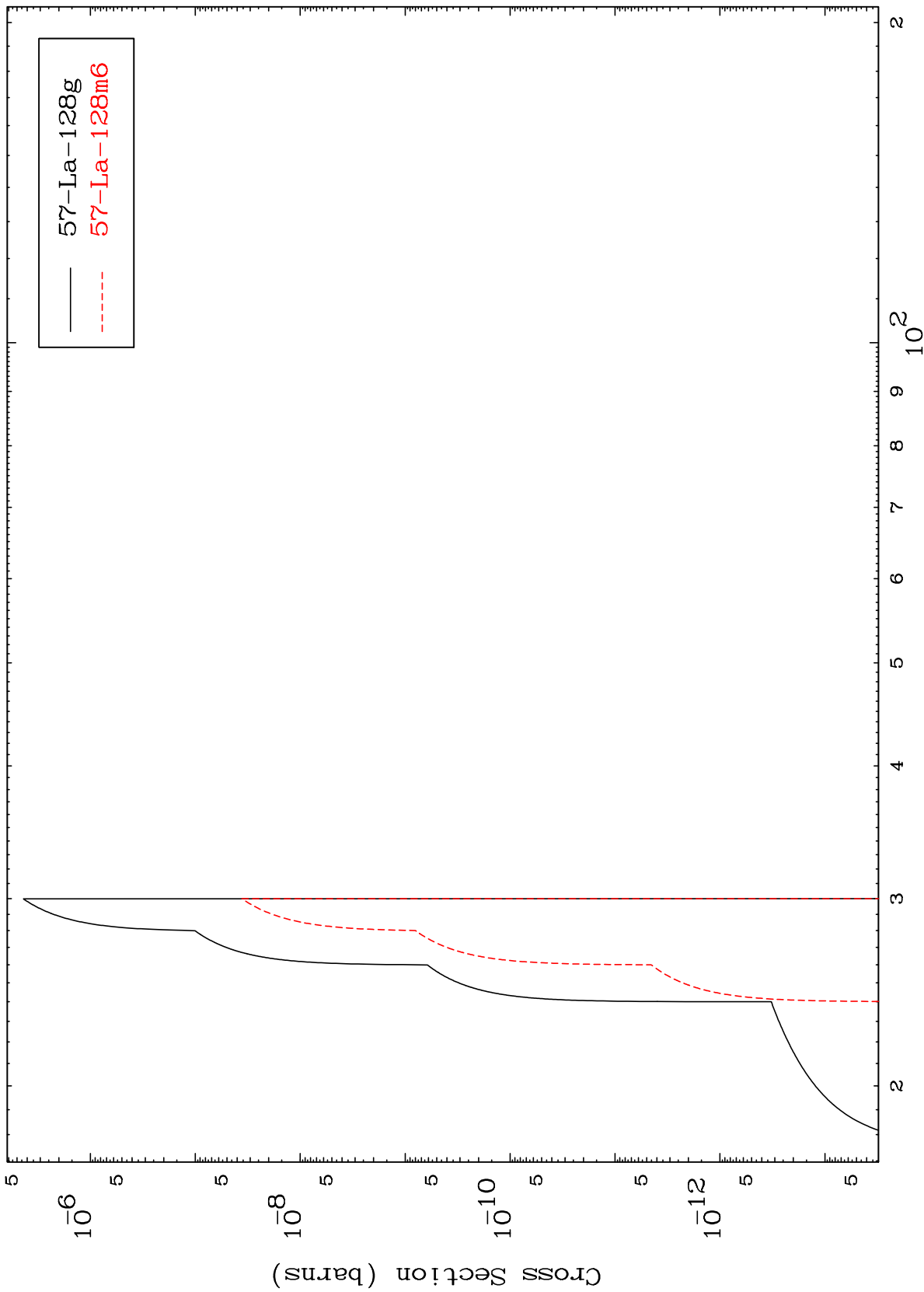


16

Incident Energy (MeV)

58-Ce-133

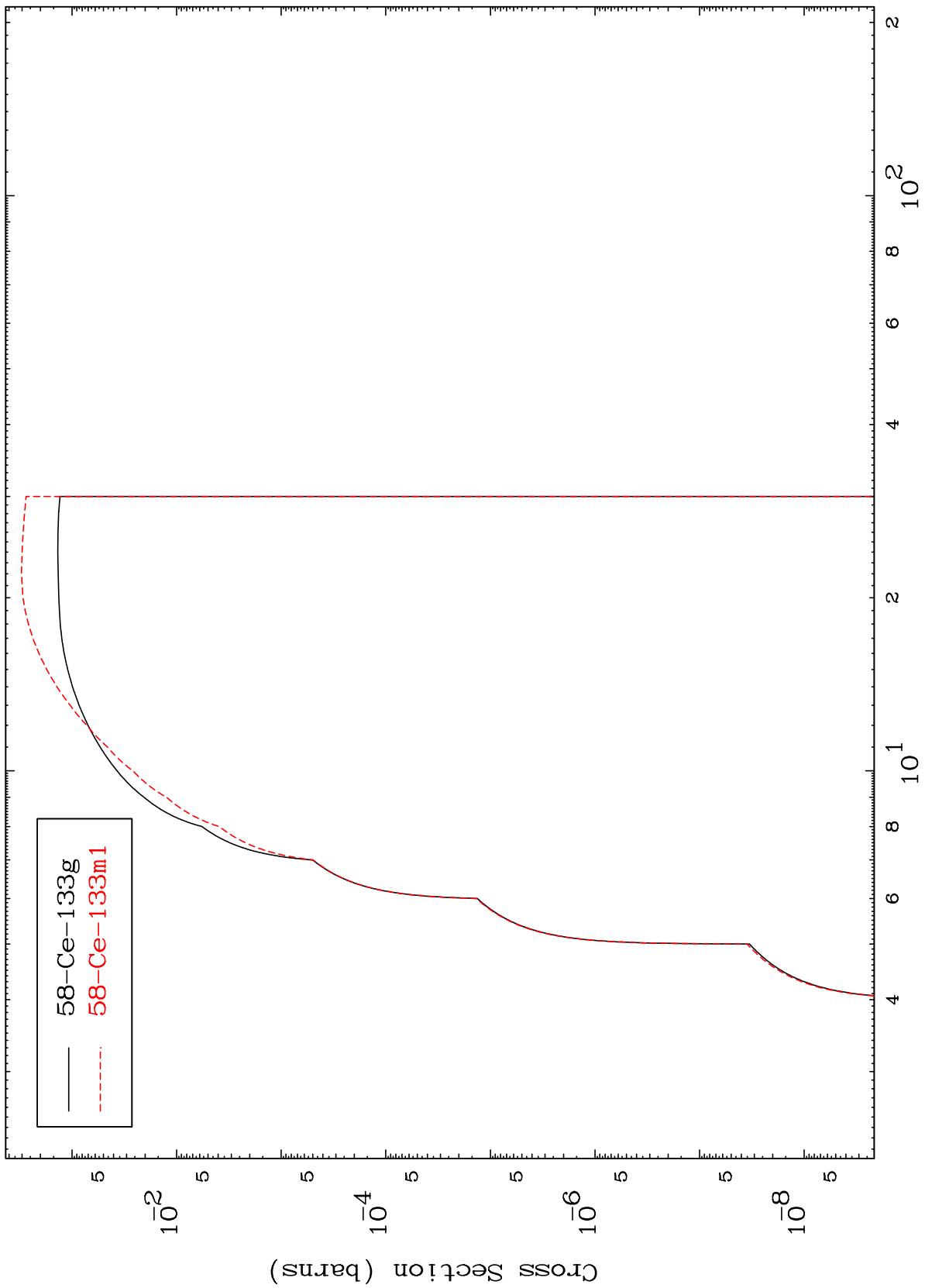
Radionuclide Production Cross Section



MAT 5816

58-Ce-133

(n,n') p  
Radionuclide Production Cross Section



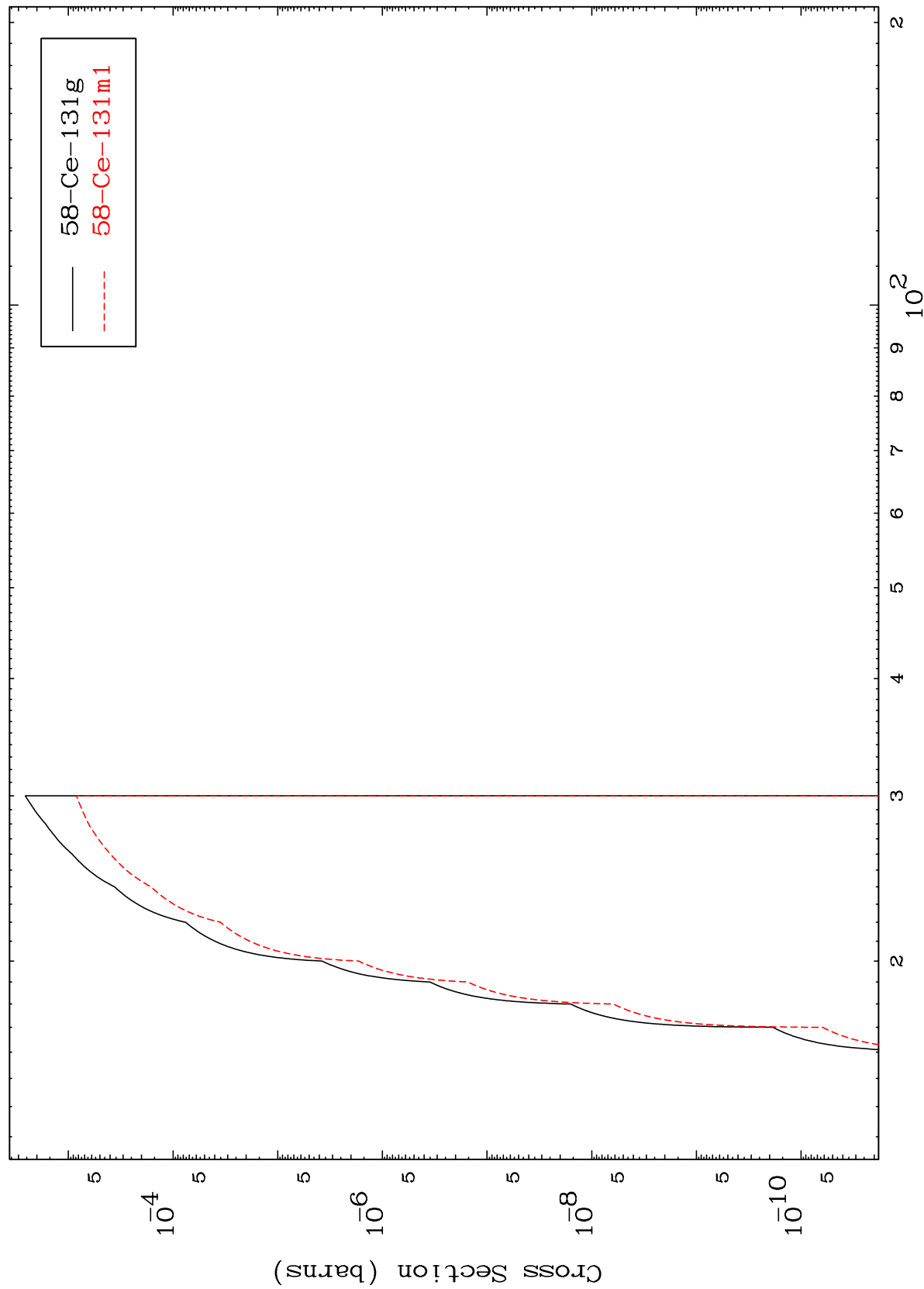
58-Ce-133g  
58-Ce-133m1

18

58-Ce-133

Incident Energy (MeV)

Radionuclide Production Cross Section

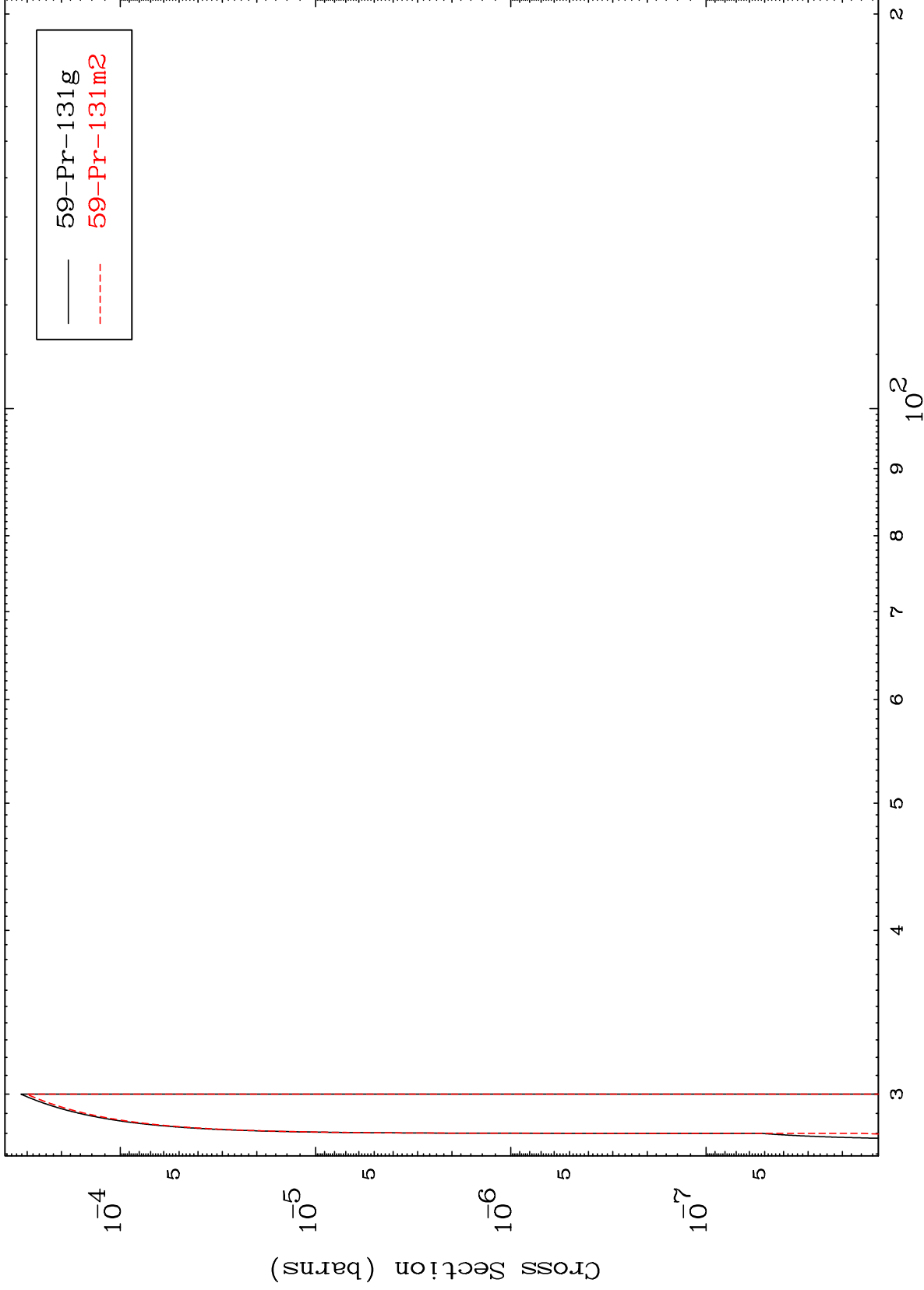


MAT 5816

(n,4n)

58-Ce-133

Radionuclide Production Cross Section



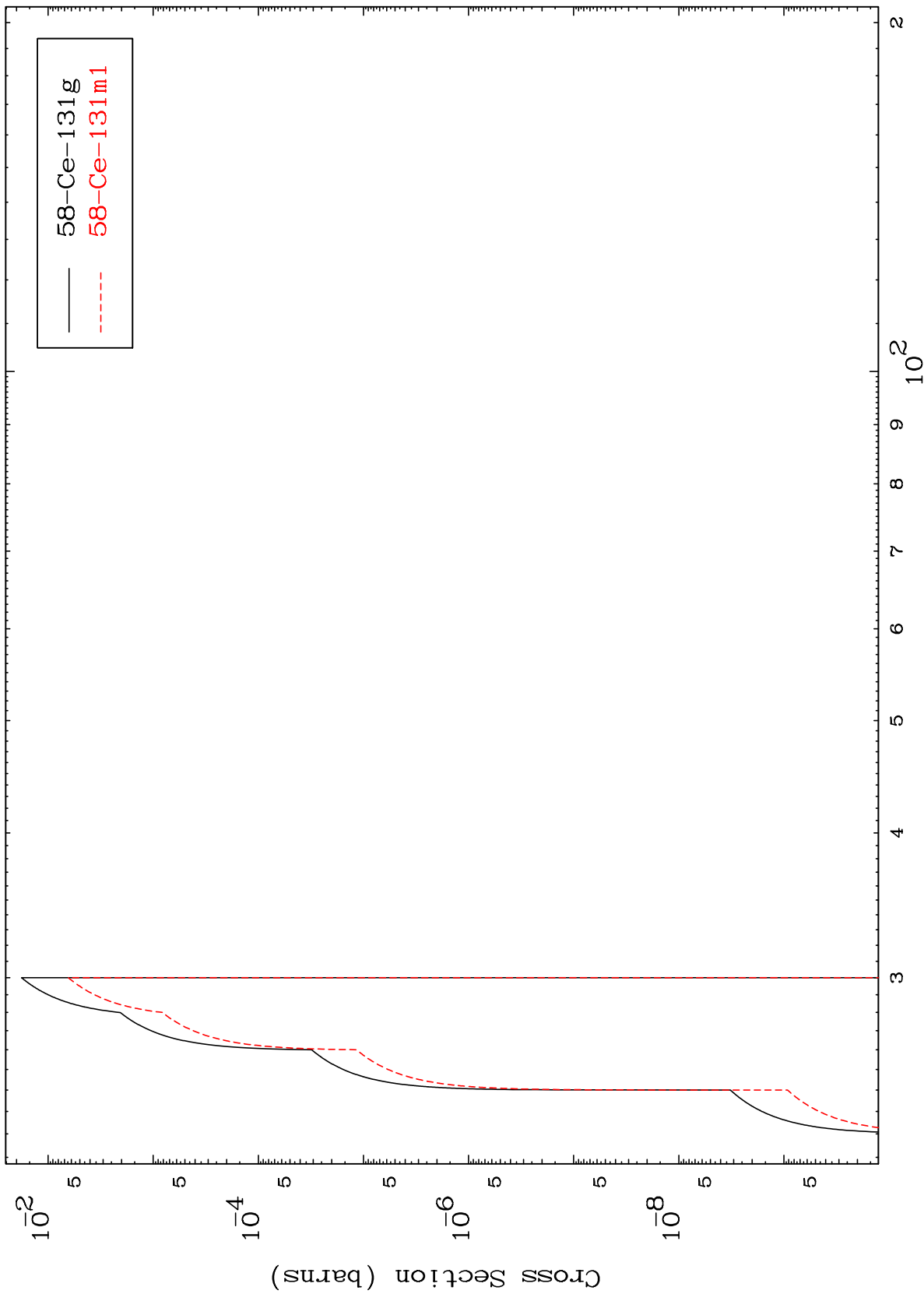
59-Pr-131g  
59-Pr-131m2

20

Incident Energy (MeV)

58-Ce-133

Radionuclide Production Cross Section

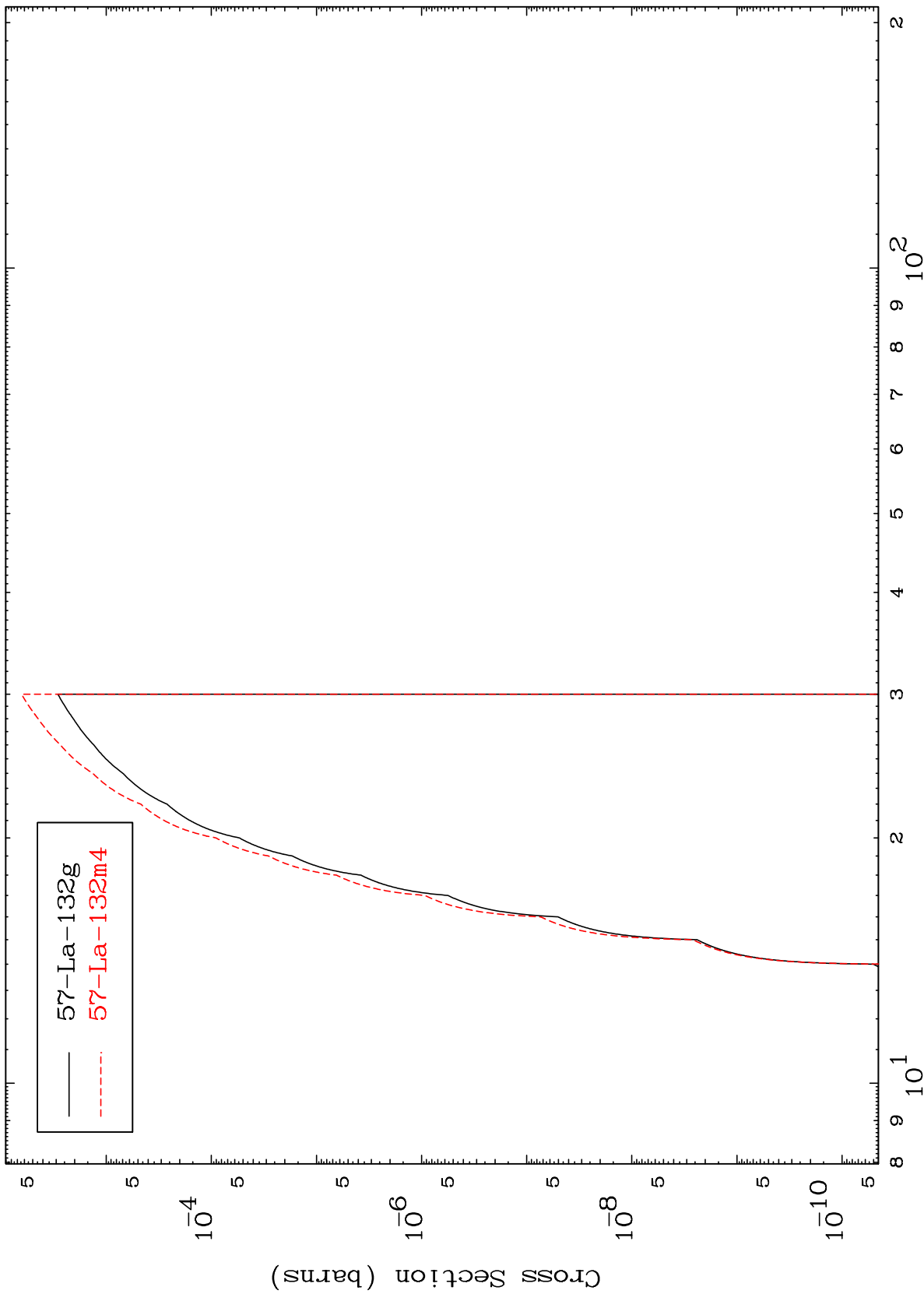


MAT 5816

(n,2n) p

58-Ce-133

Radionuclide Production Cross Section



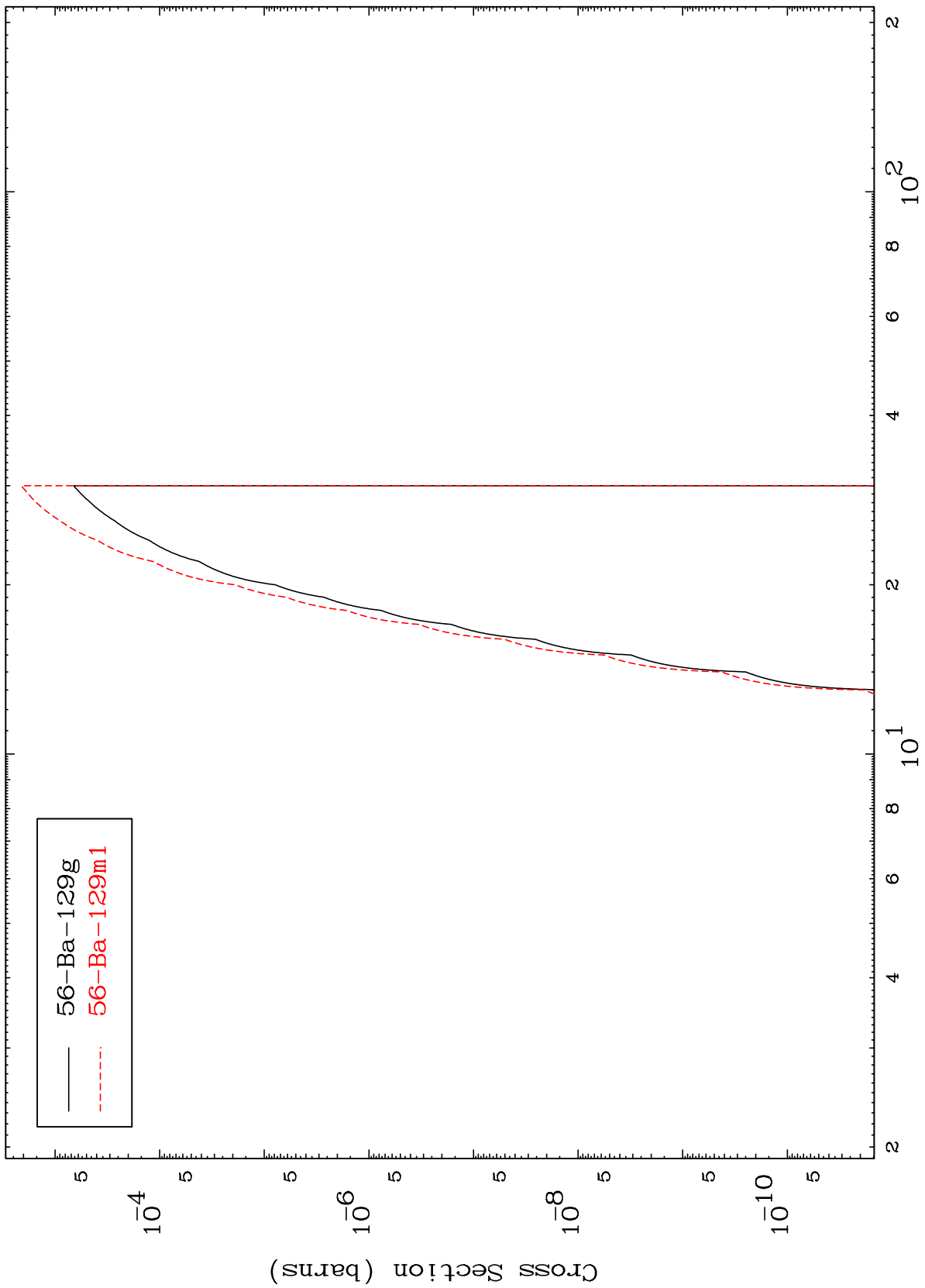
57-La-132g  
57-La-132m4

Incident Energy (MeV)

58-Ce-133

22

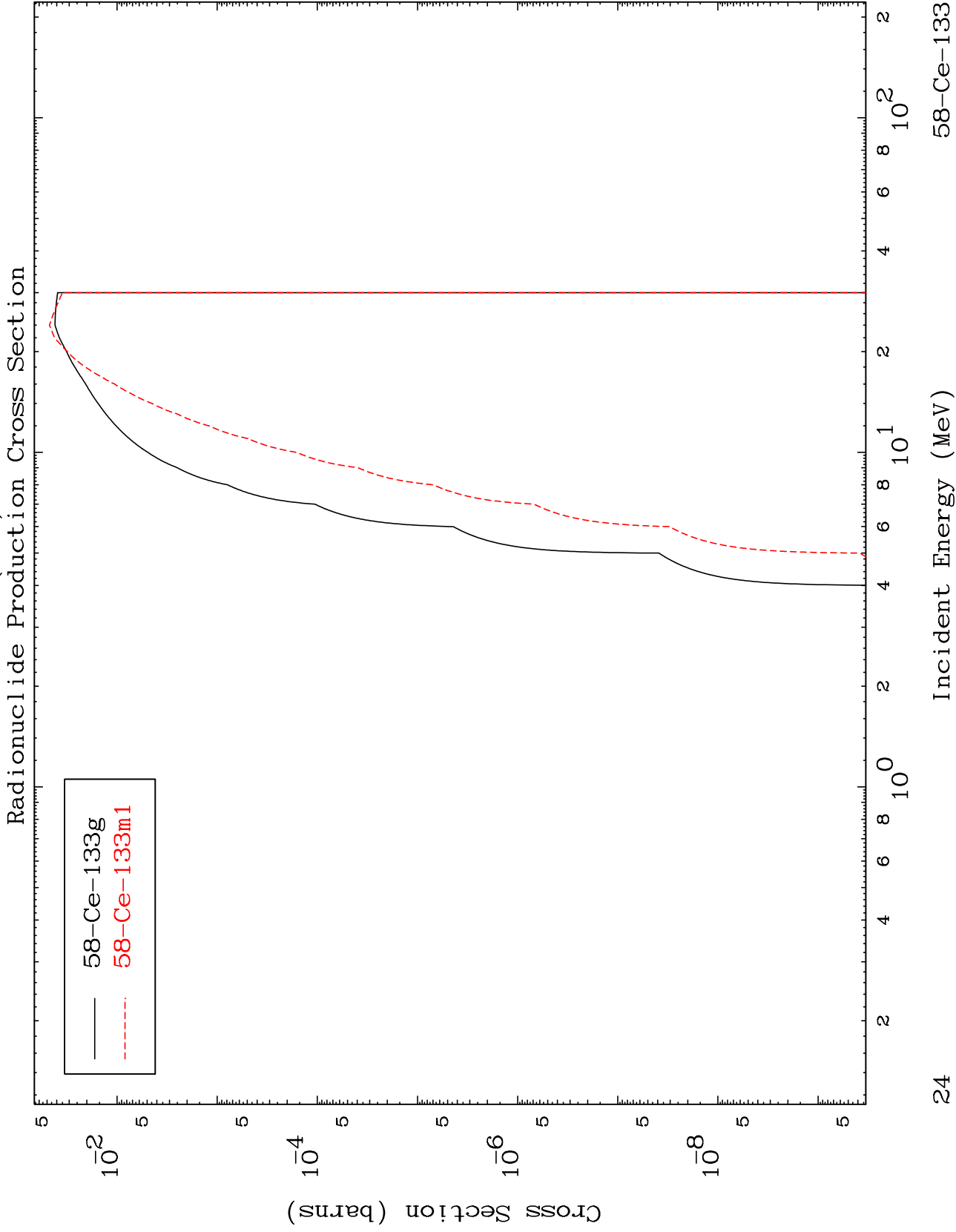
Radionuclide Production Cross Section



MAT 5816

(n, d)

58-Ce-133

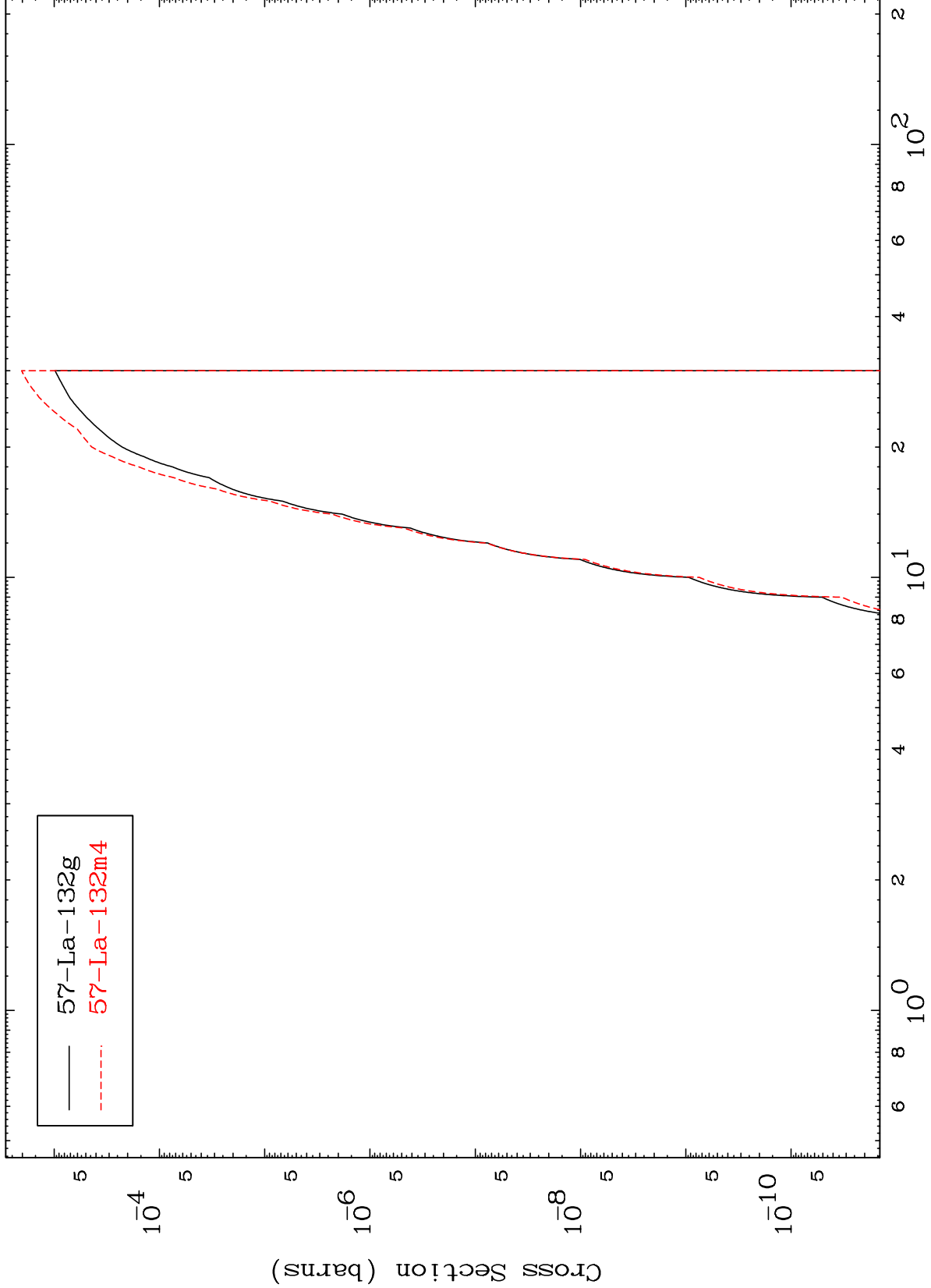
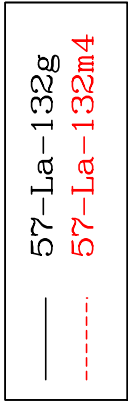


MAT 5816

(n,He-3)

58-Ce-133

Radionuclide Production Cross Section



25

Incident Energy (MeV)

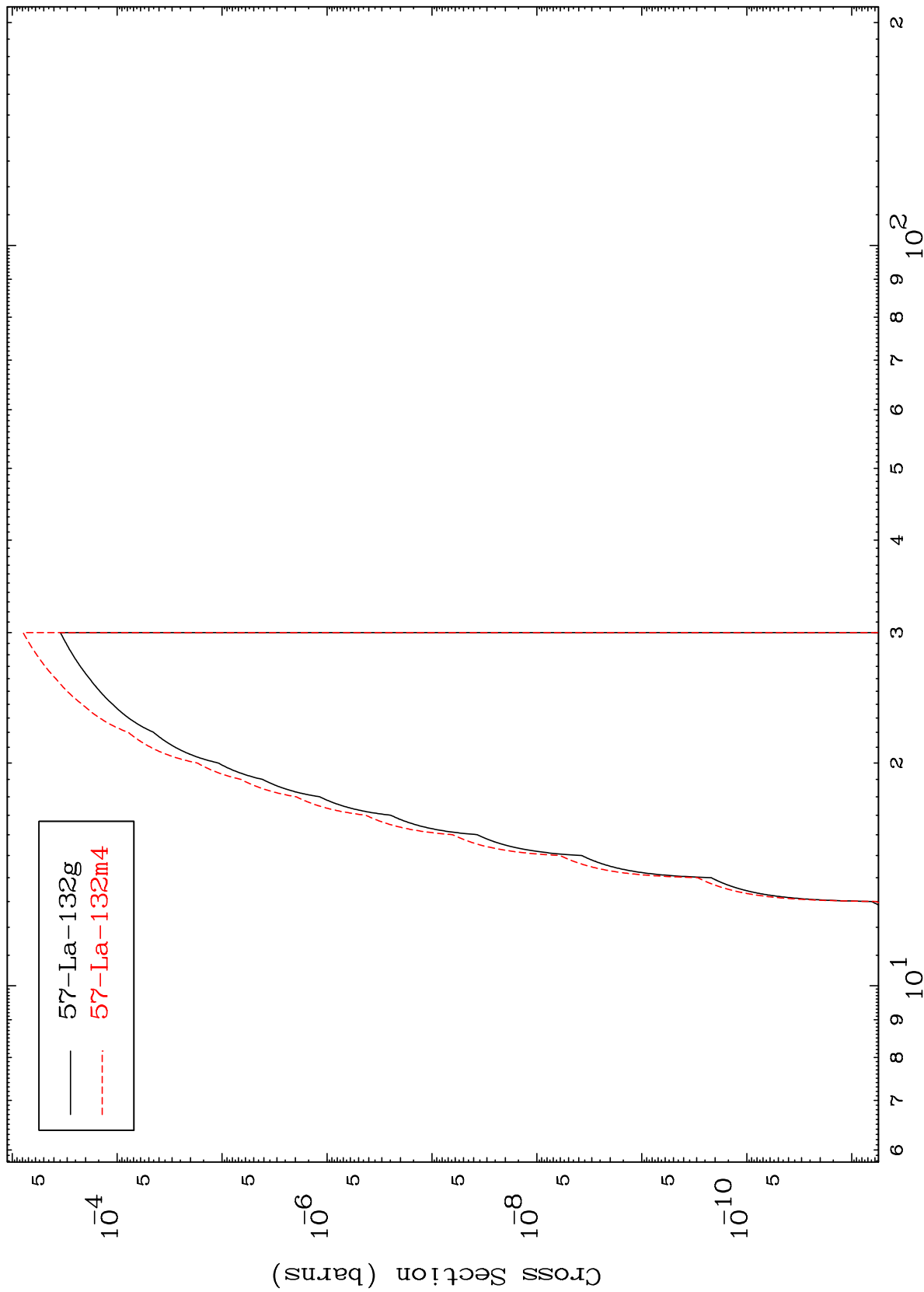
58-Ce-133

MAT 5816

(n,p) d

58-Ce-133

Radionuclide Production Cross Section



26

Incident Energy (MeV)

58-Ce-133

MAT 5816

(n,d)  $\alpha$

58-Ce-133

Radionuclide Production Cross Section

