

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

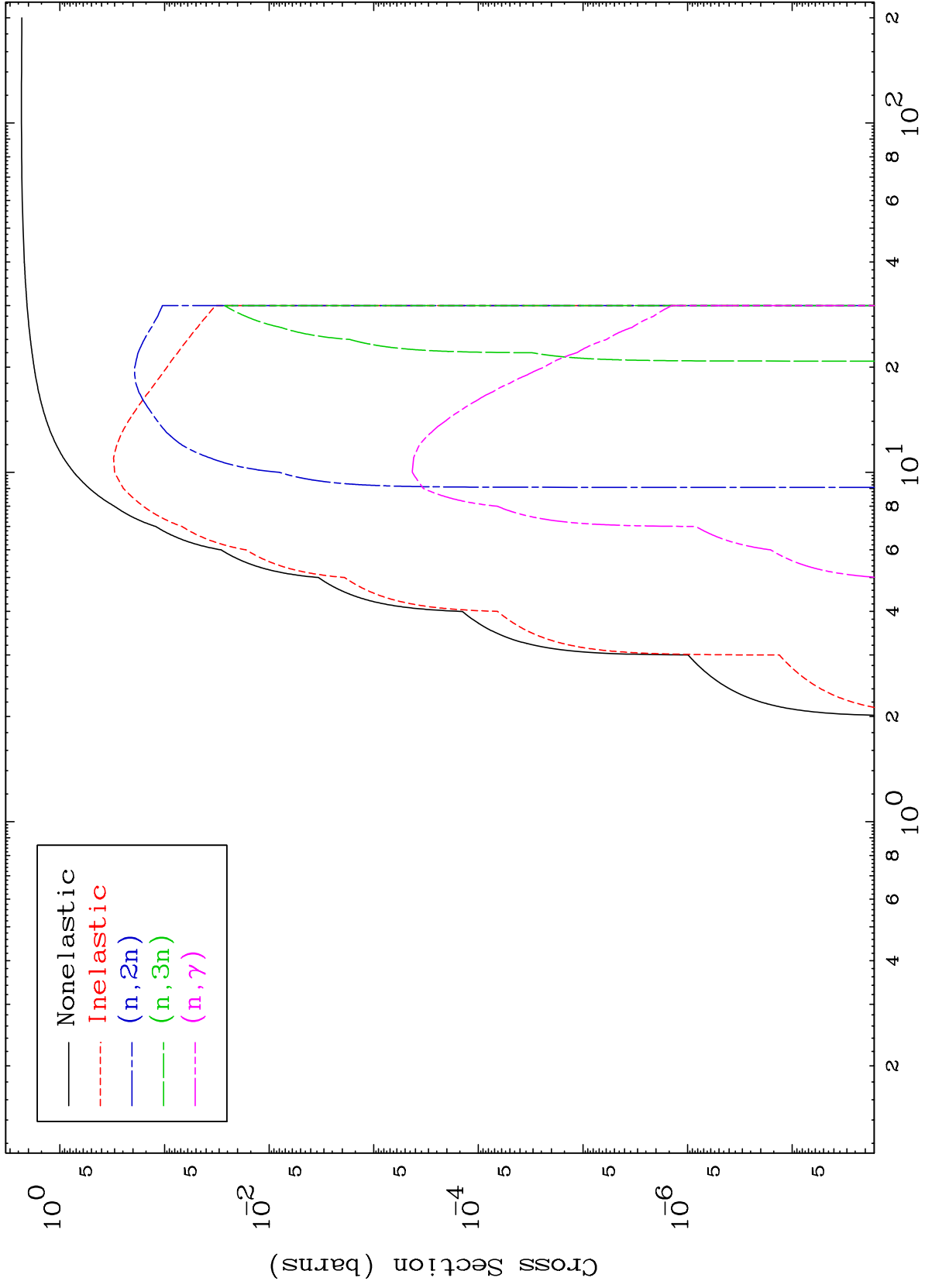
Press Mouse Button to Start

MAT 5610

Deuteron Major

56-Ba-125

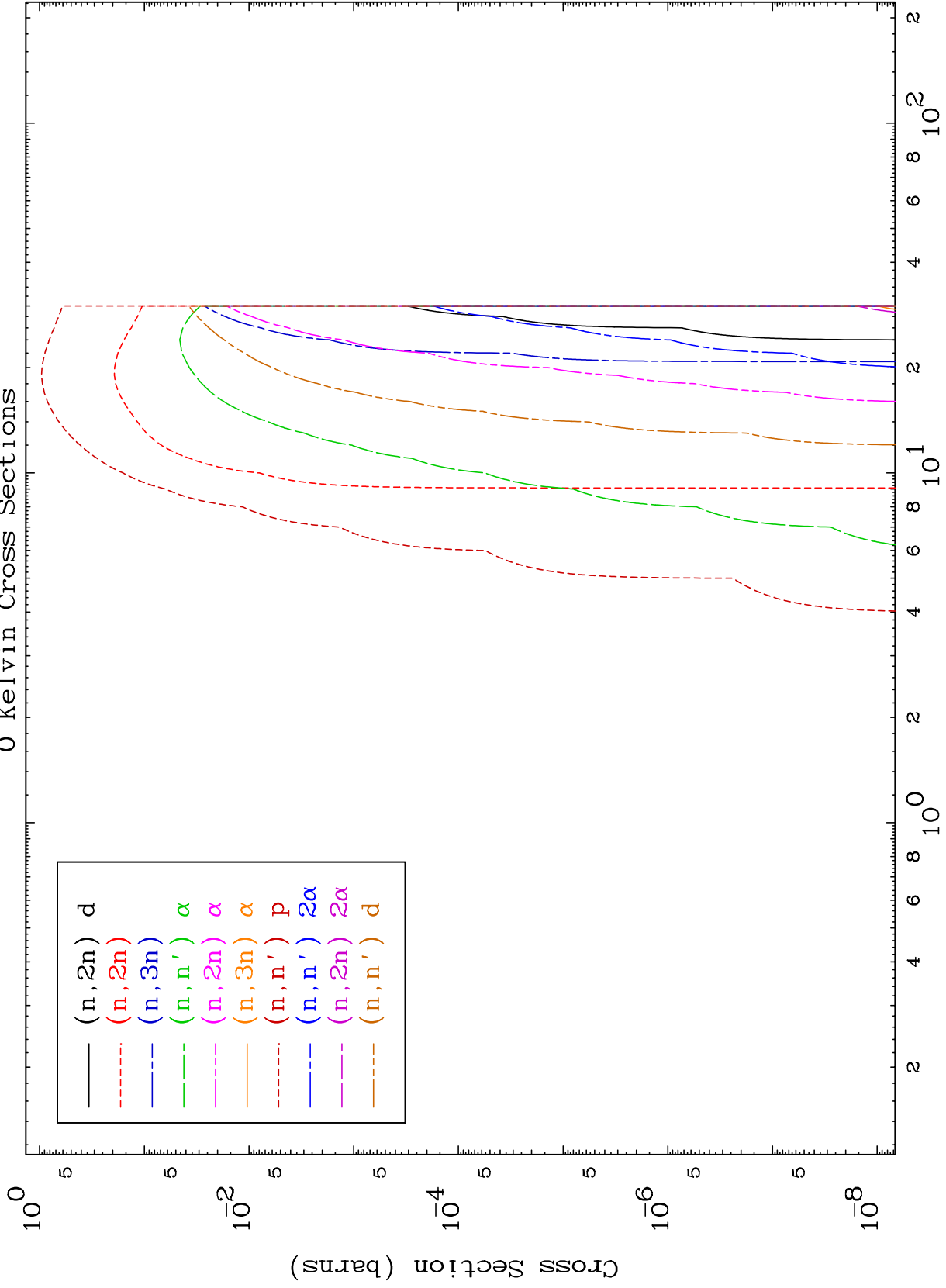
0 Kelvin Cross Sections



MAT 5610

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

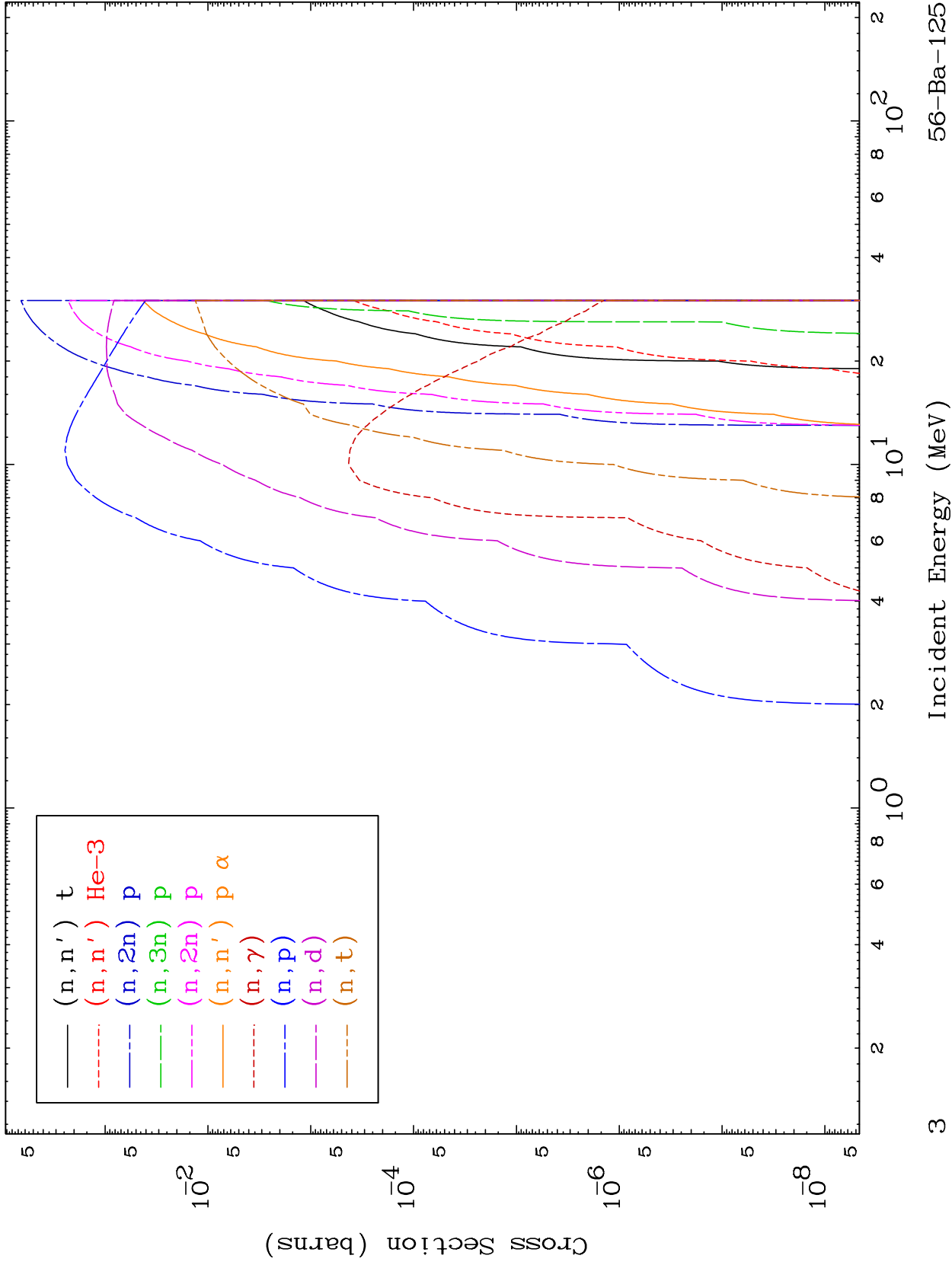
56-Ba-125



MAT 5610

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

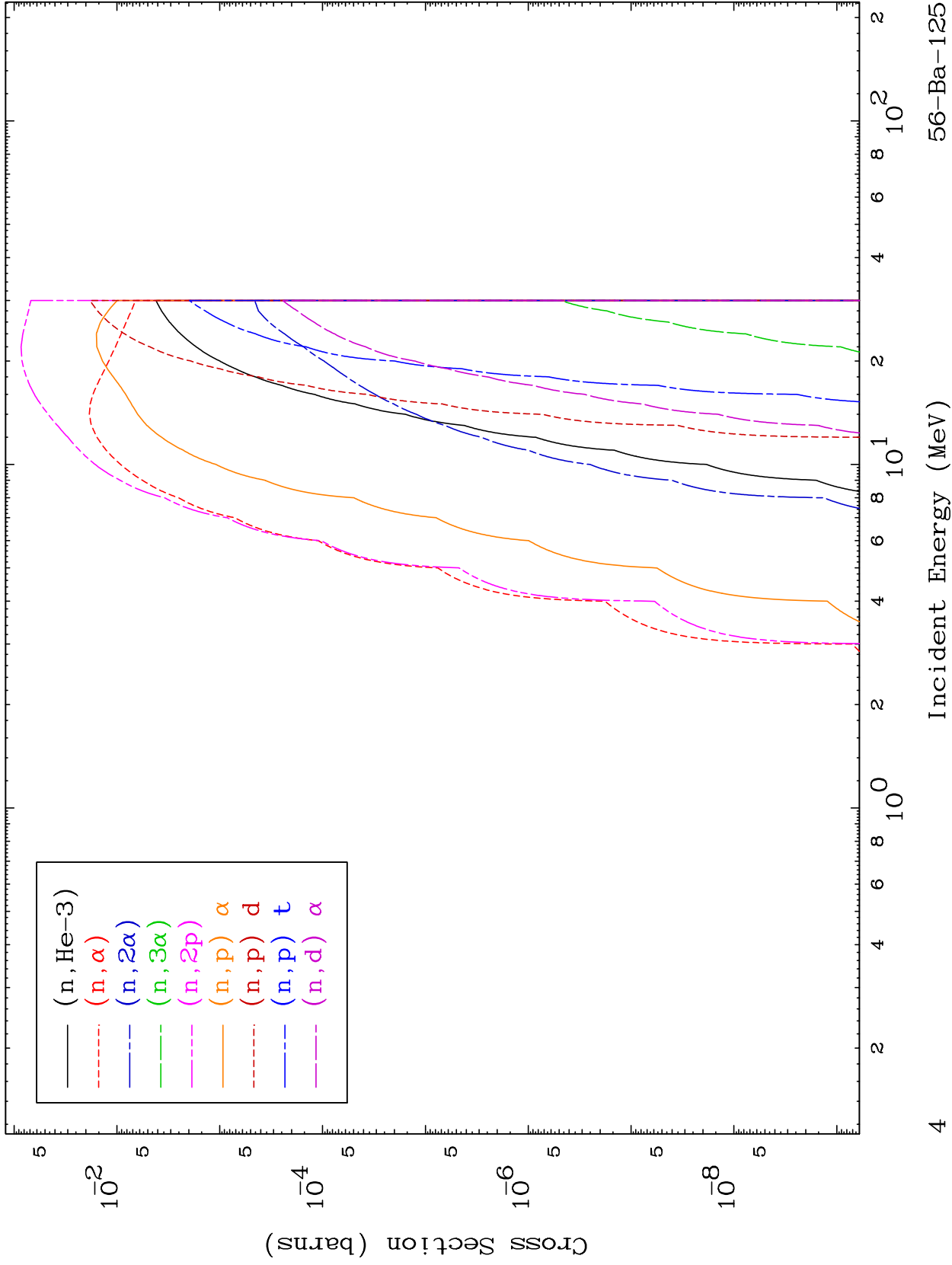
56-Ba-125



MAT 5610

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

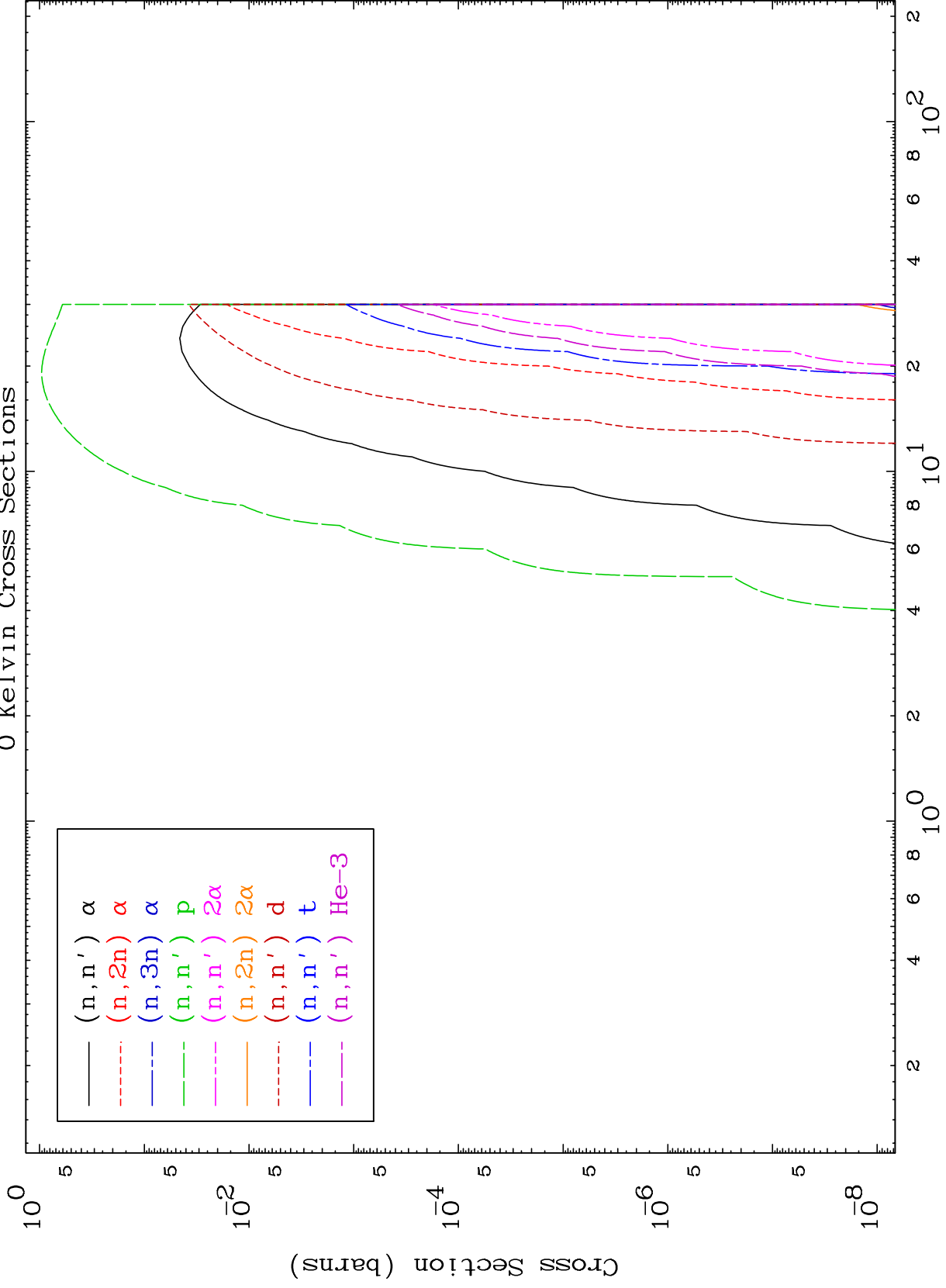
56-Ba-125



MAT 5610

Deuteron Charged Particle  
0 Kelvin Cross Sections

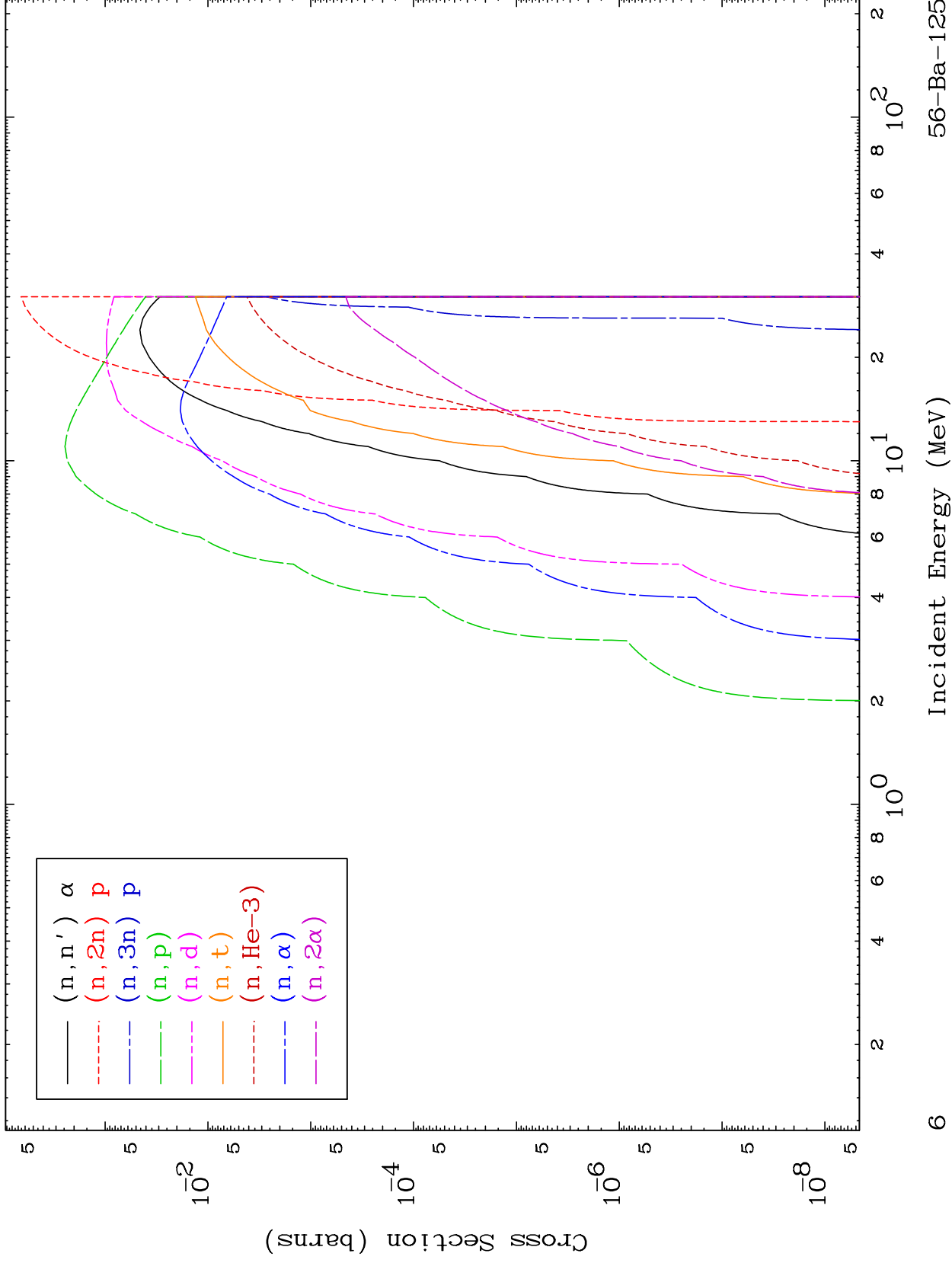
56-Ba-125



MAT 5610

Deuteron Charged Particle  
0 Kelvin Cross Sections

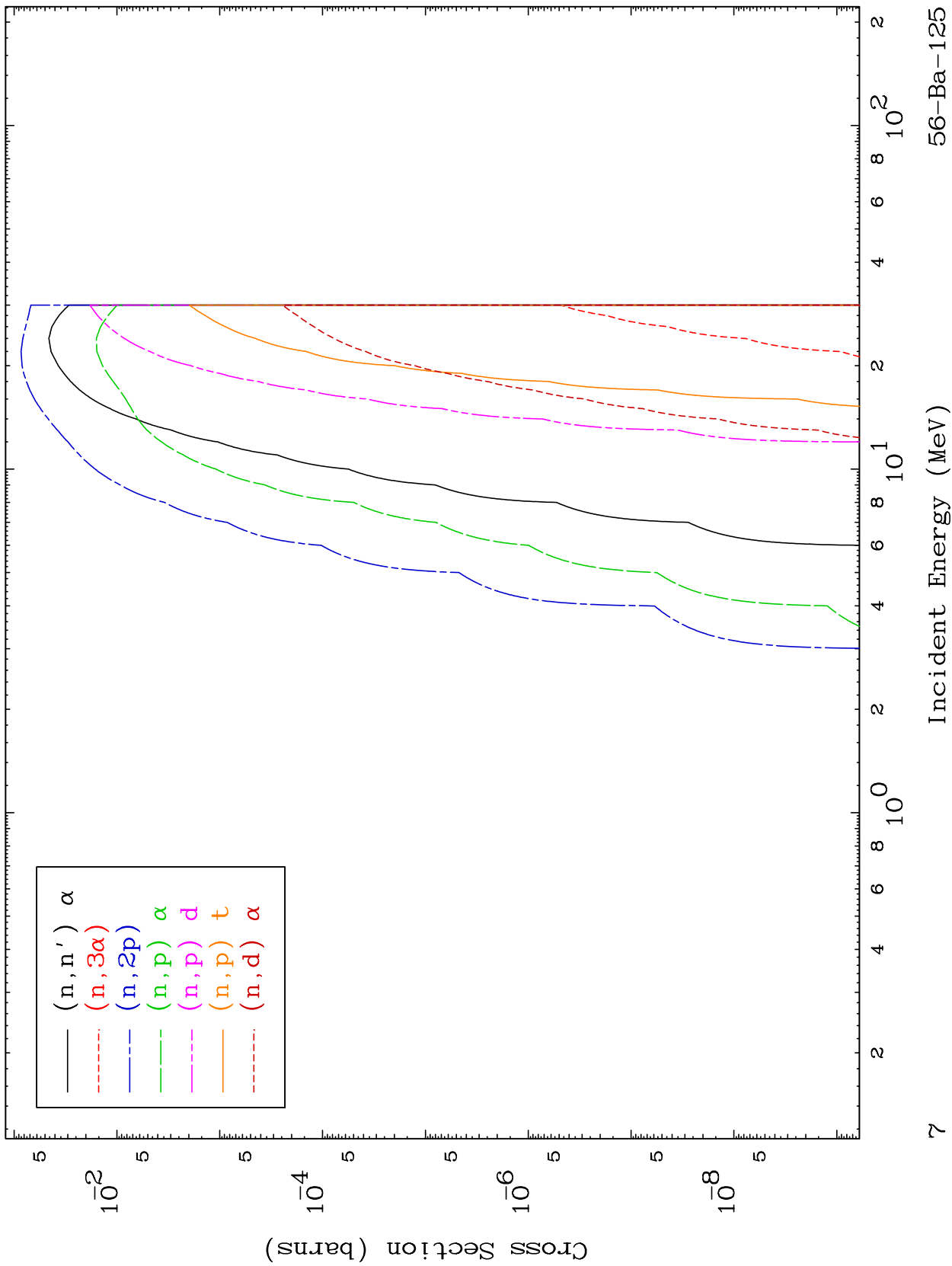
56-Ba-125



MAT 5610

Deuteron Charged Particle  
0 Kelvin Cross Sections

56-Ba-125



56-Ba-125

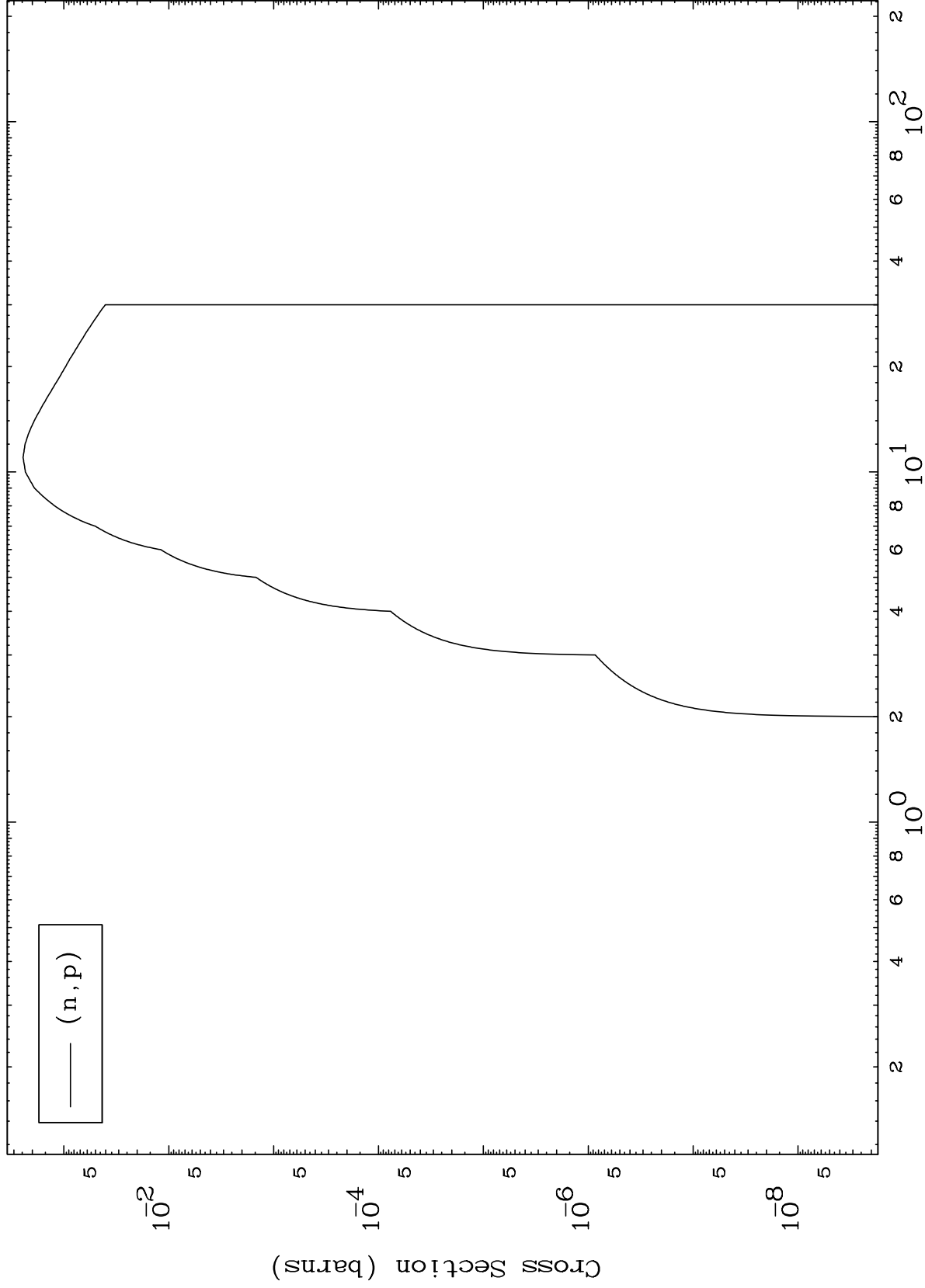


MAT 5610

(d,p) Levels

56-Ba-125

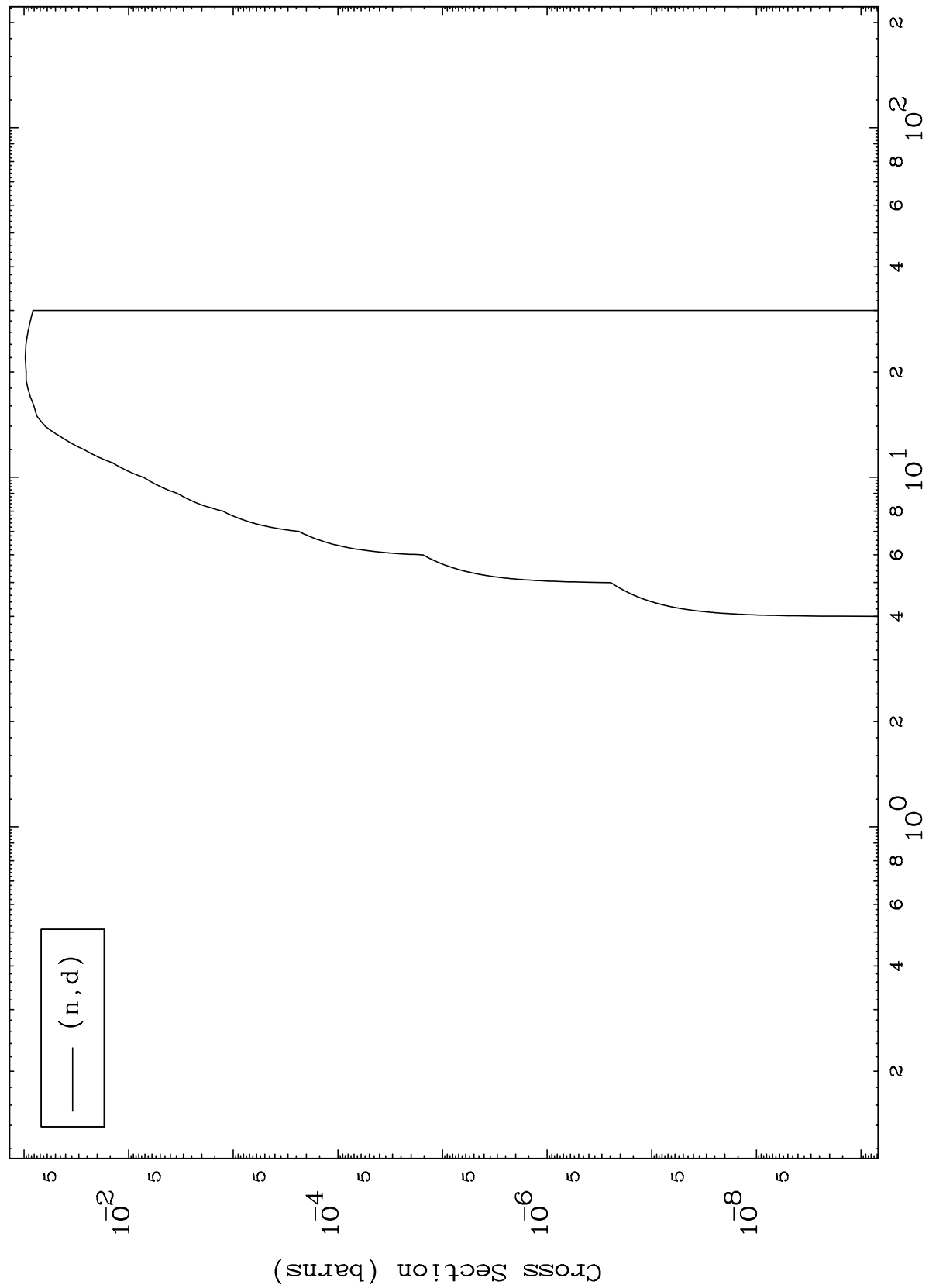
0 Kelvin Cross Sections



MAT 5610

56-Ba-125

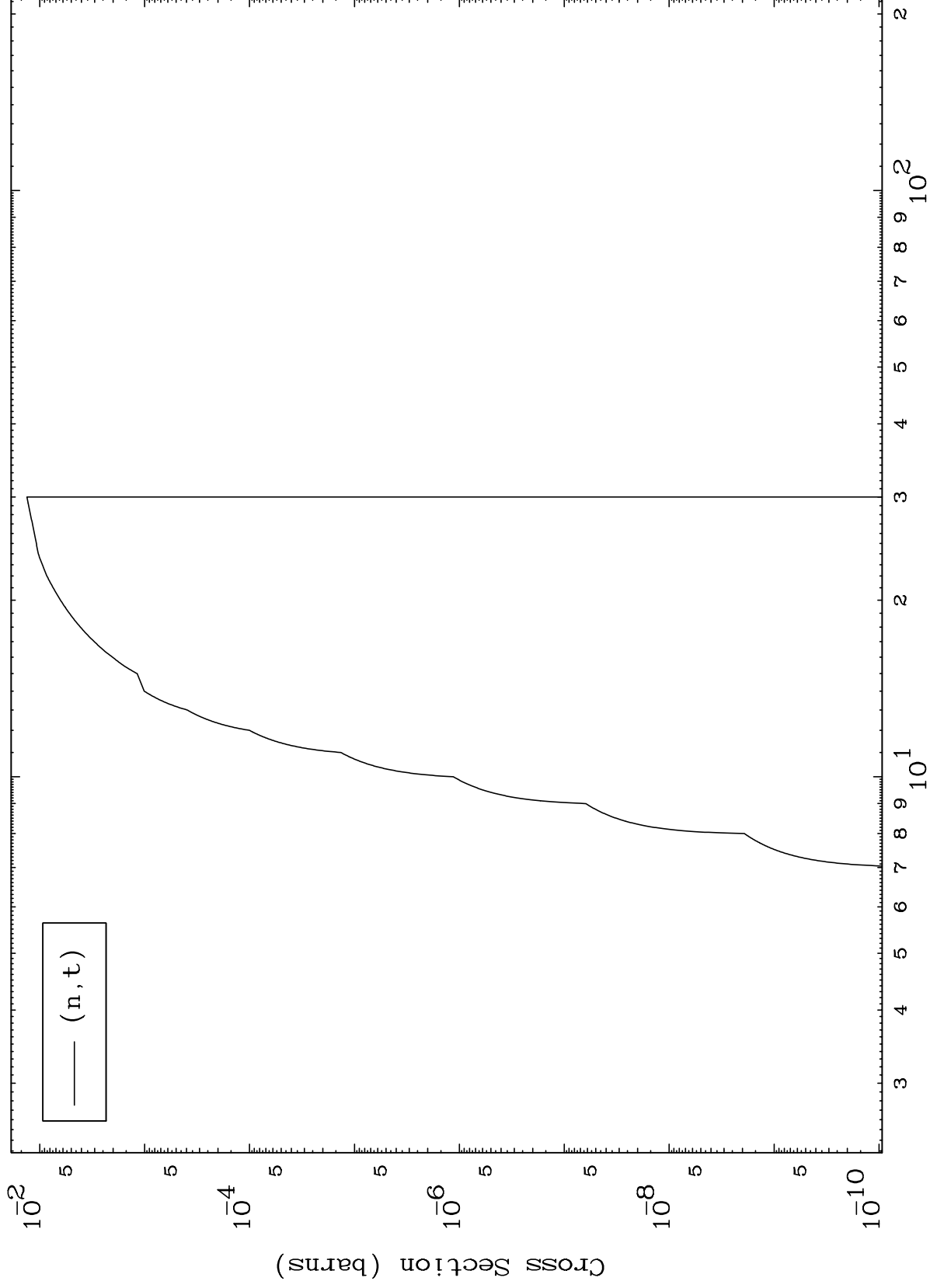
(d,d) Levels  
0 Kelvin Cross Sections



MAT 5610

(d,t) Levels  
0 Kelvin Cross Sections

56-Ba-125



10

Incident Energy (MeV)

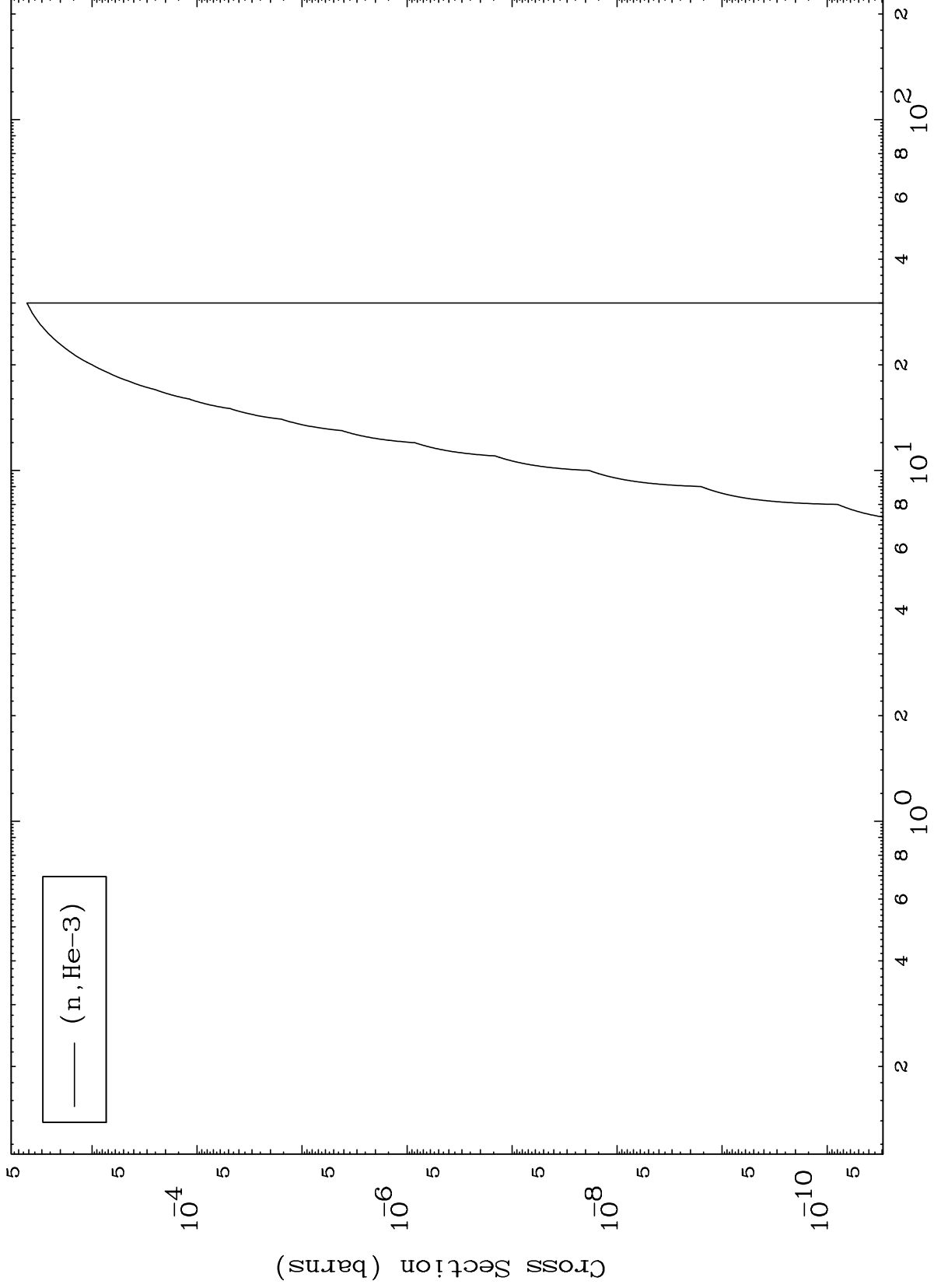
56-Ba-125

MAT 5610

(d,He3) Levels

56-Ba-125

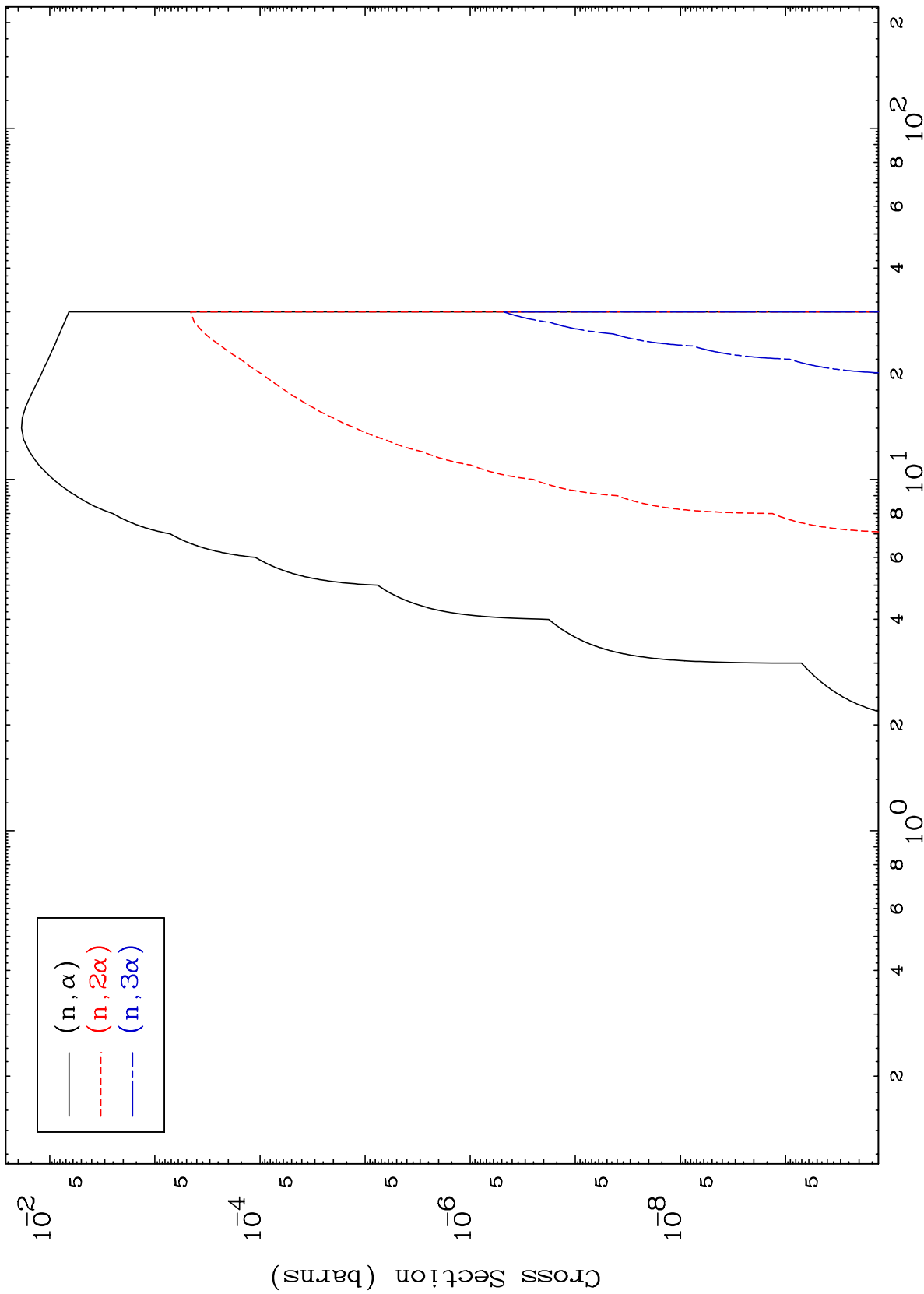
0 Kelvin Cross Sections



MAT 5610

56-Ba-125

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



56-Ba-125

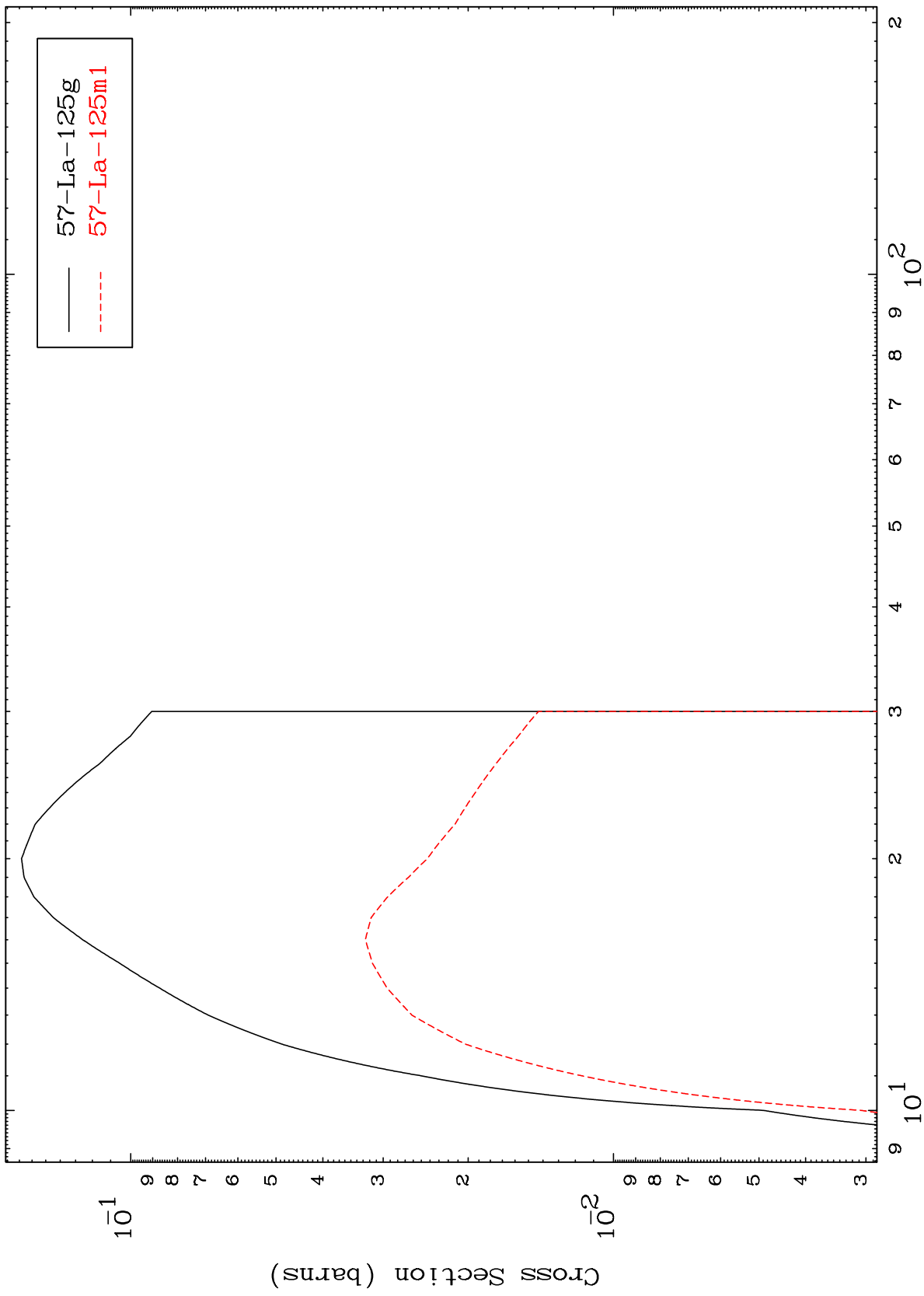
Incident Energy (MeV)

12

MAT 5610

56-Ba-125

(n,2n)  
Radionuclide Production Cross Section



56-Ba-125

Incident Energy (MeV)

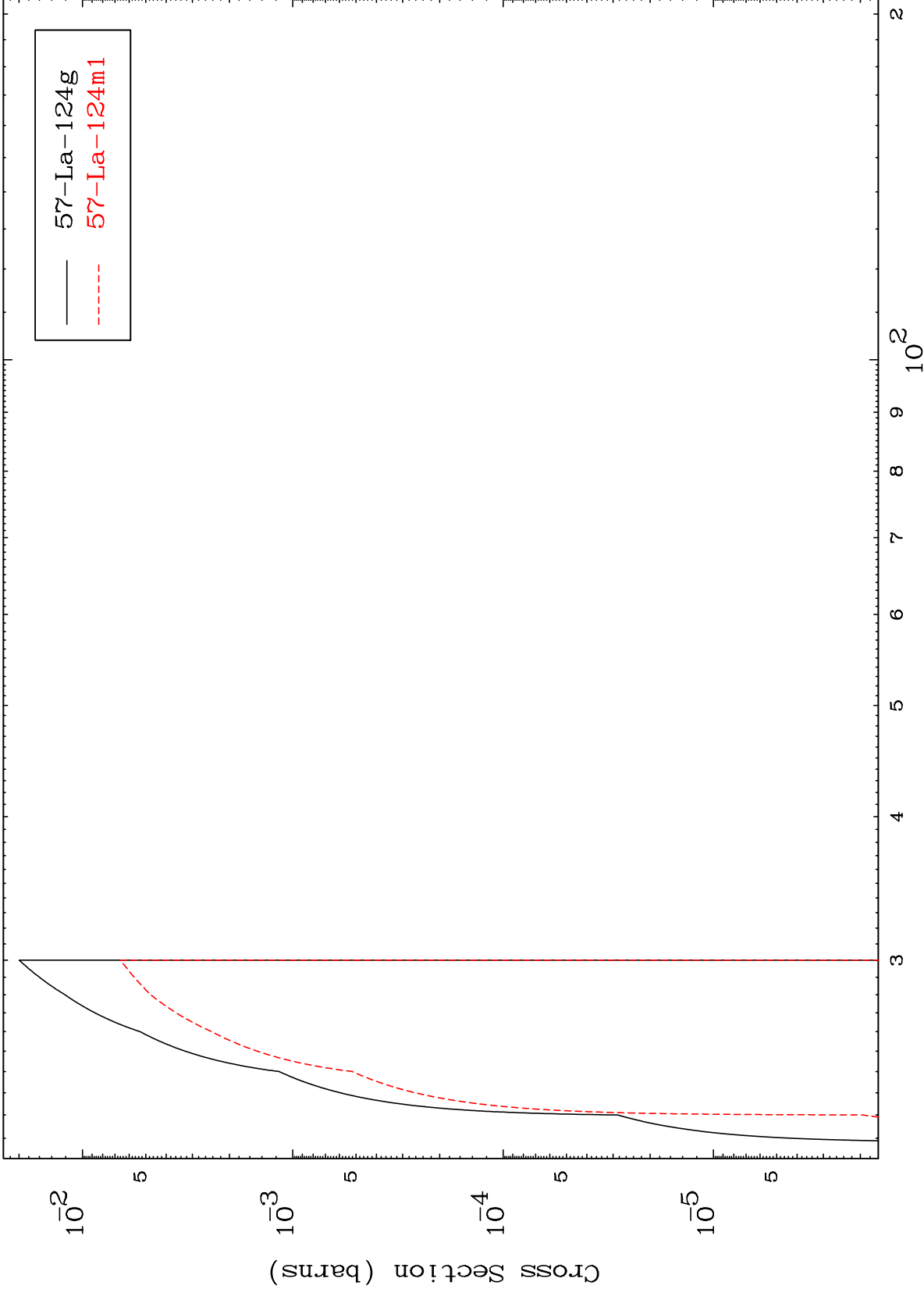
13

MAT 5610

(n,3n)

56-Ba-125

Radionuclide Production Cross Section



14

Incident Energy (MeV)

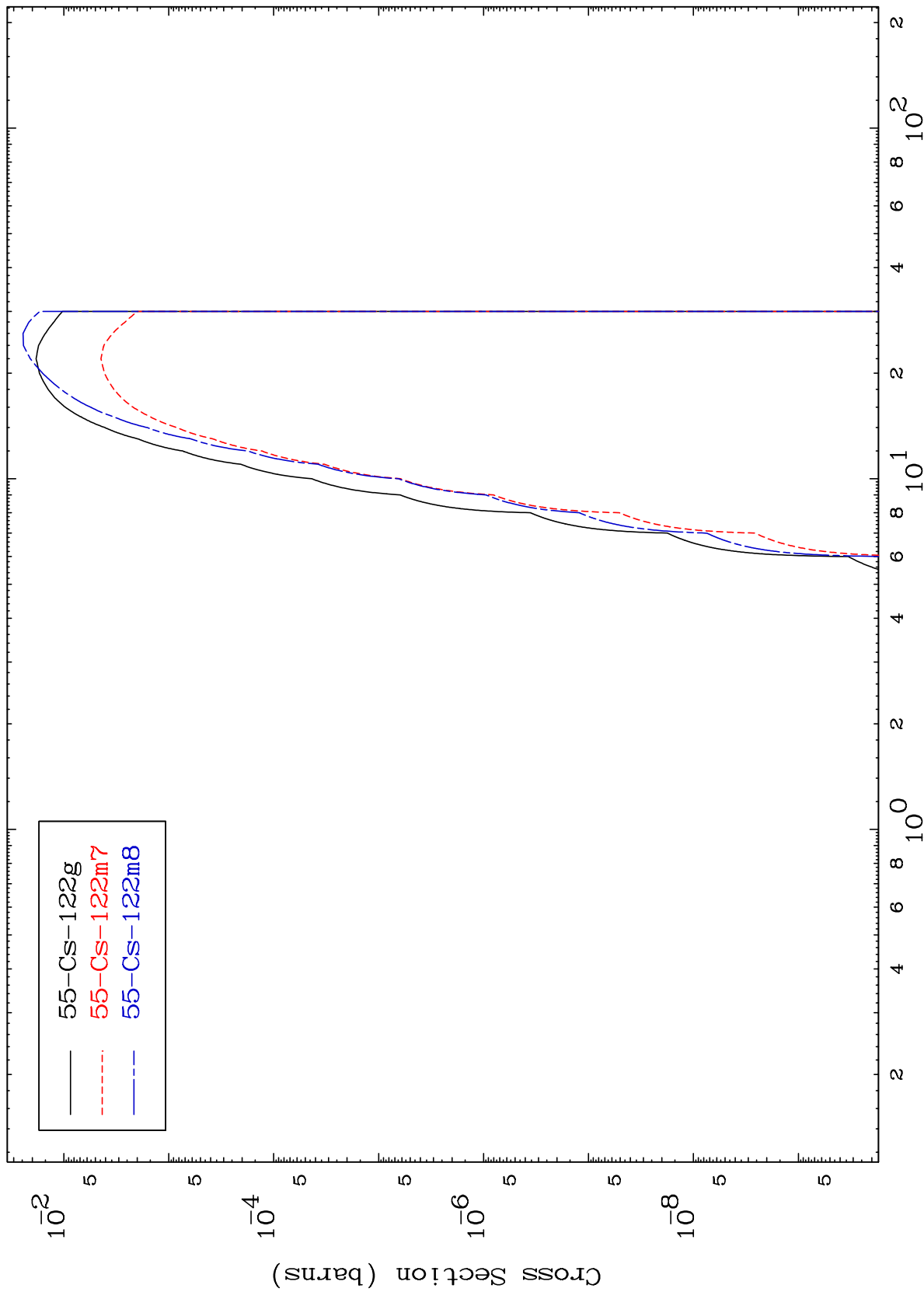
56-Ba-125

MAT 5610

$(n, n') \alpha$

56-Ba-125

Radionuclide Production Cross Section



15

Incident Energy (MeV)

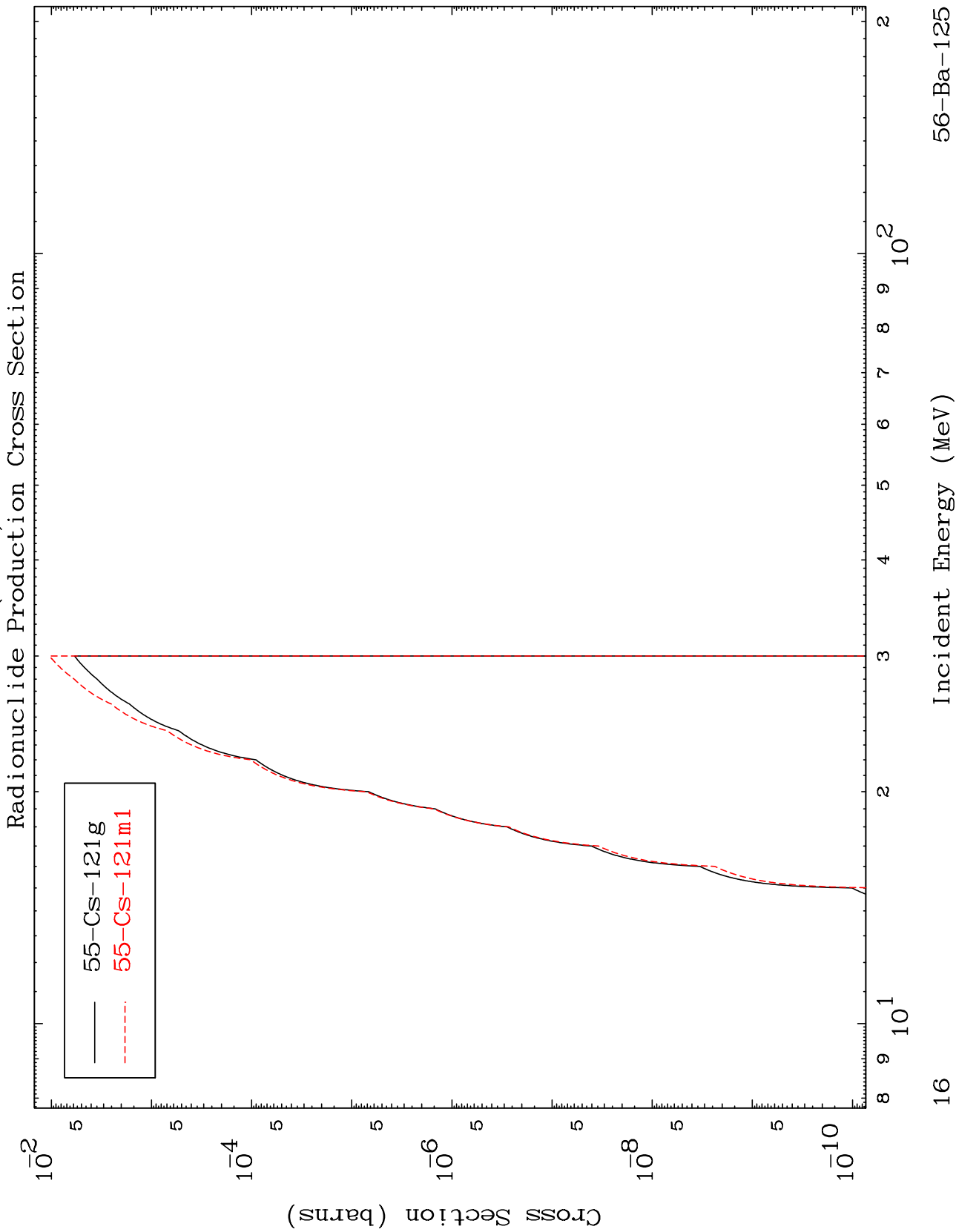
56-Ba-125



MAT 5610

(n,2n)  $\alpha$

56-Ba-125

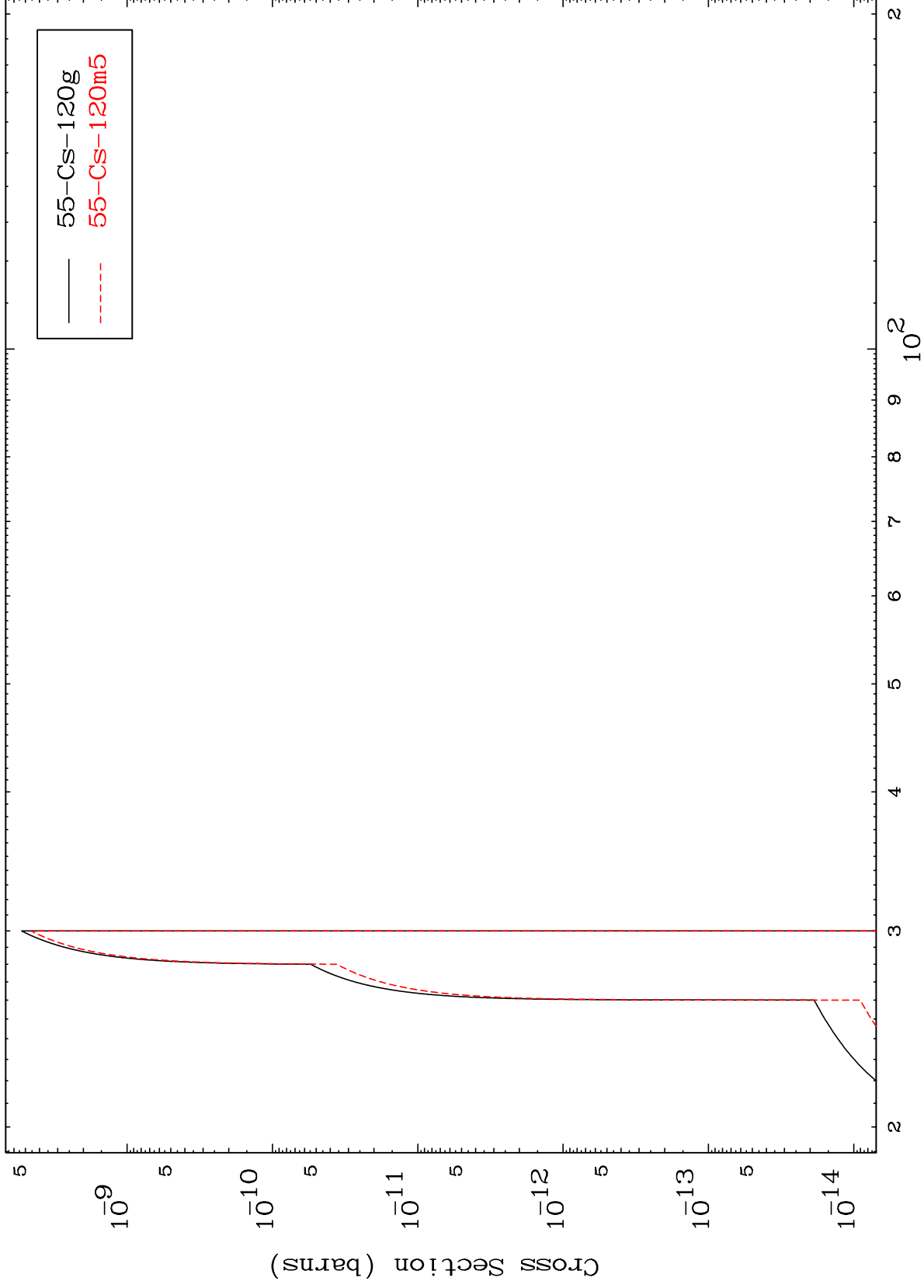


MAT 5610

$(n,3n) \alpha$

56-Ba-125

Radionuclide Production Cross Section



17

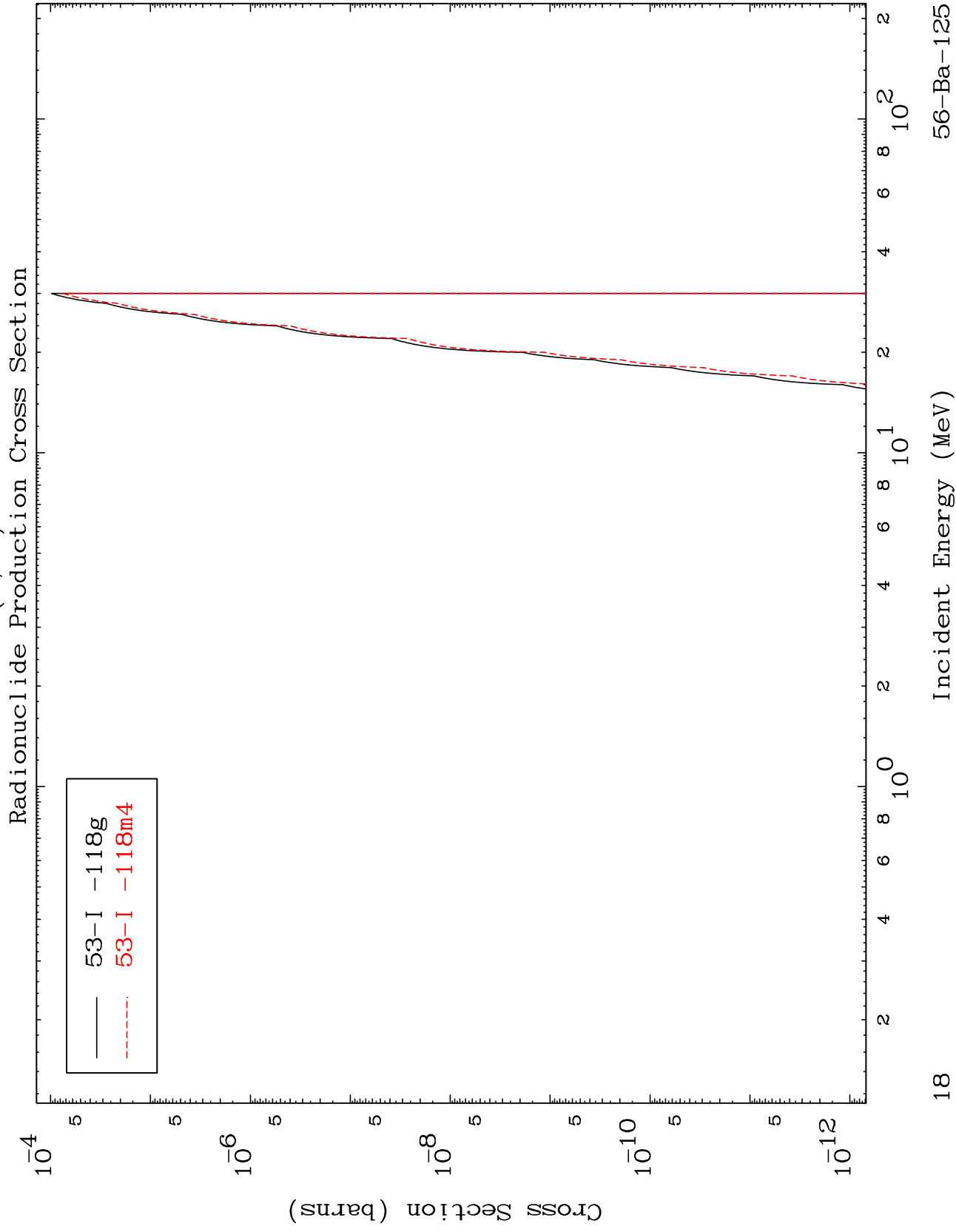
Incident Energy (MeV)

56-Ba-125

MAT 5610

(n,n') 2 $\alpha$

56-Ba-125

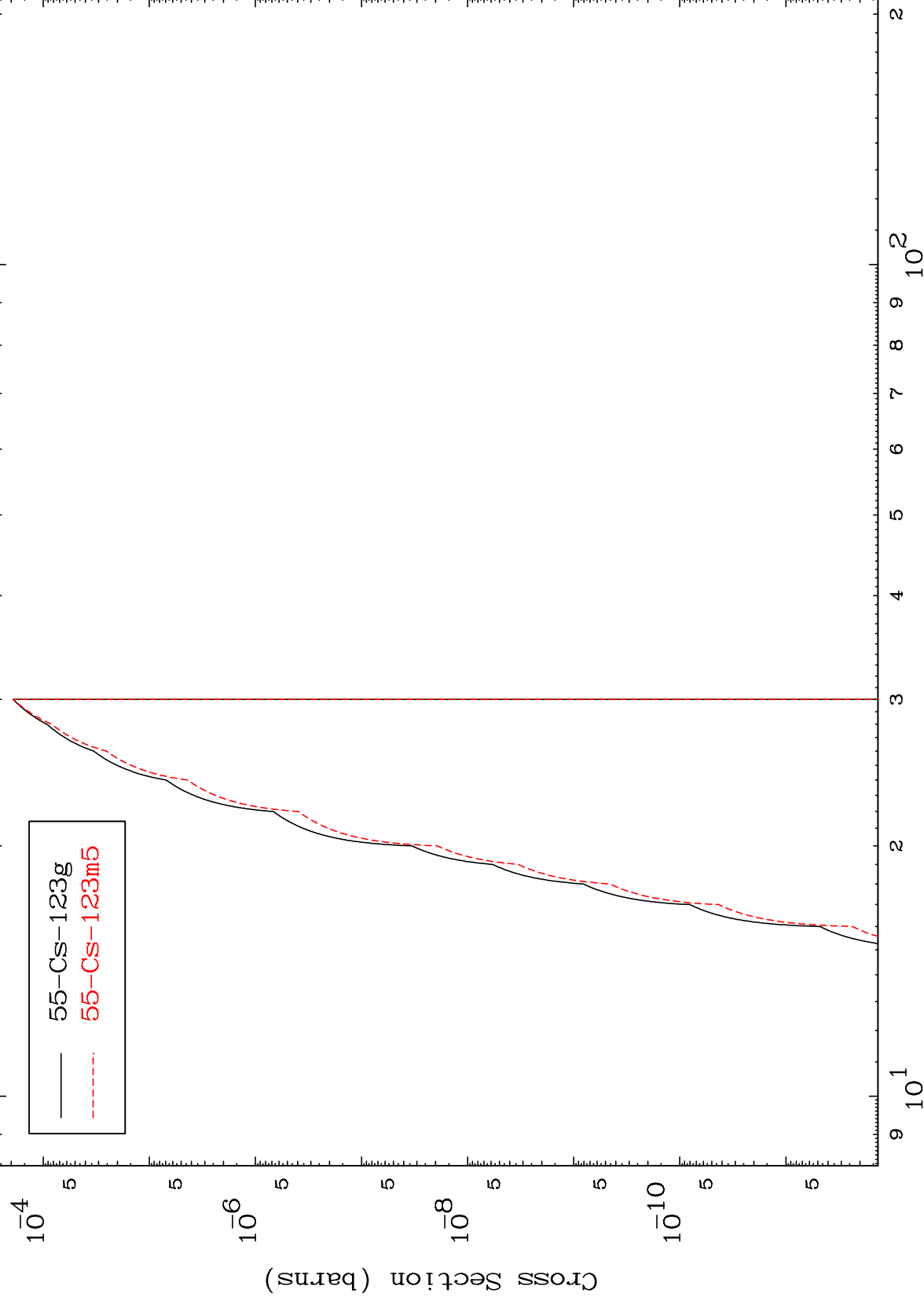


MAT 5610

(n,n') He-3

56-Ba-125

Radionuclide Production Cross Section



55-Cs-123g  
55-Cs-123m5

19

Incident Energy (MeV)

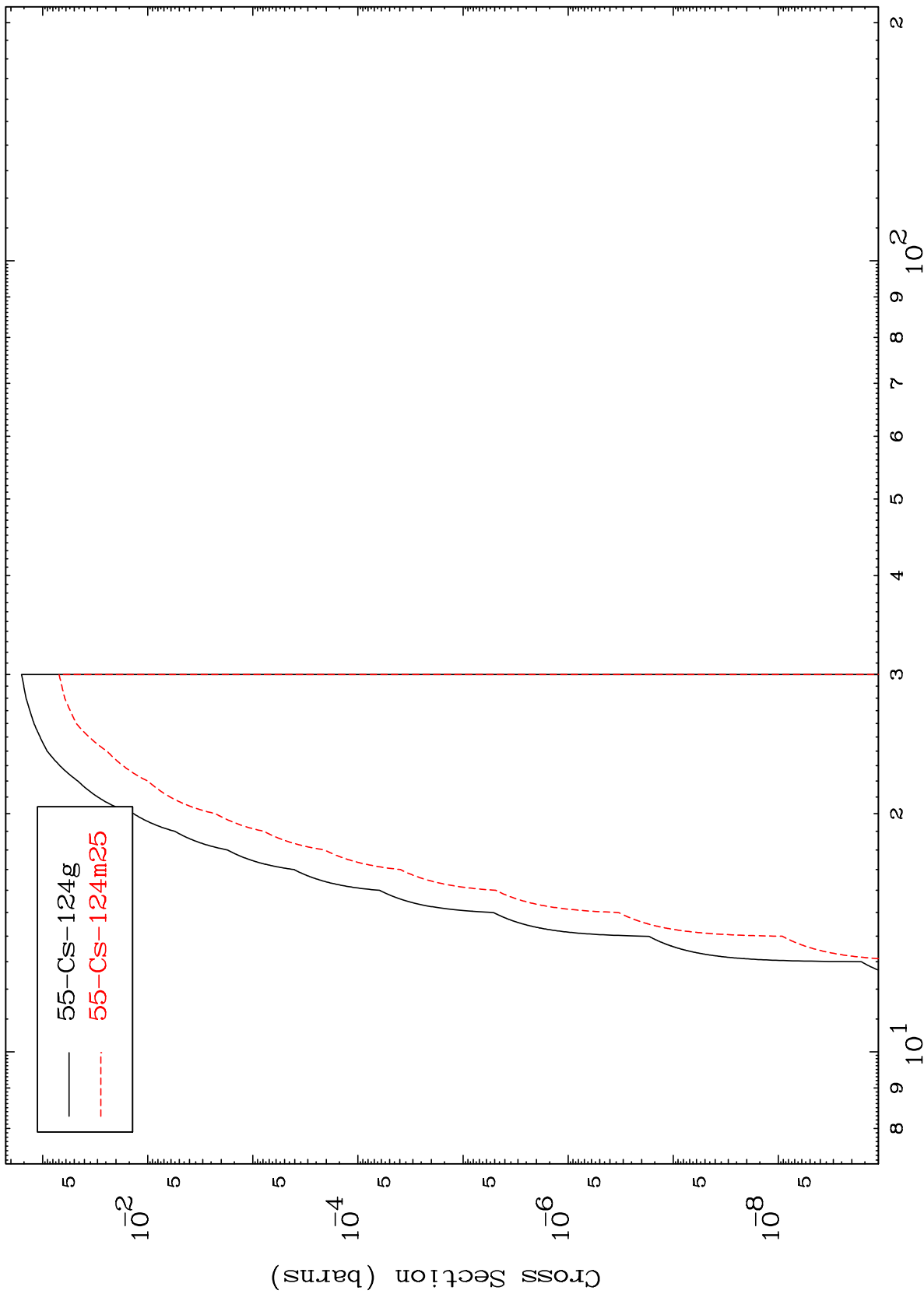
56-Ba-125

MAT 5610

(n,2n) p

56-Ba-125

Radionuclide Production Cross Section



20

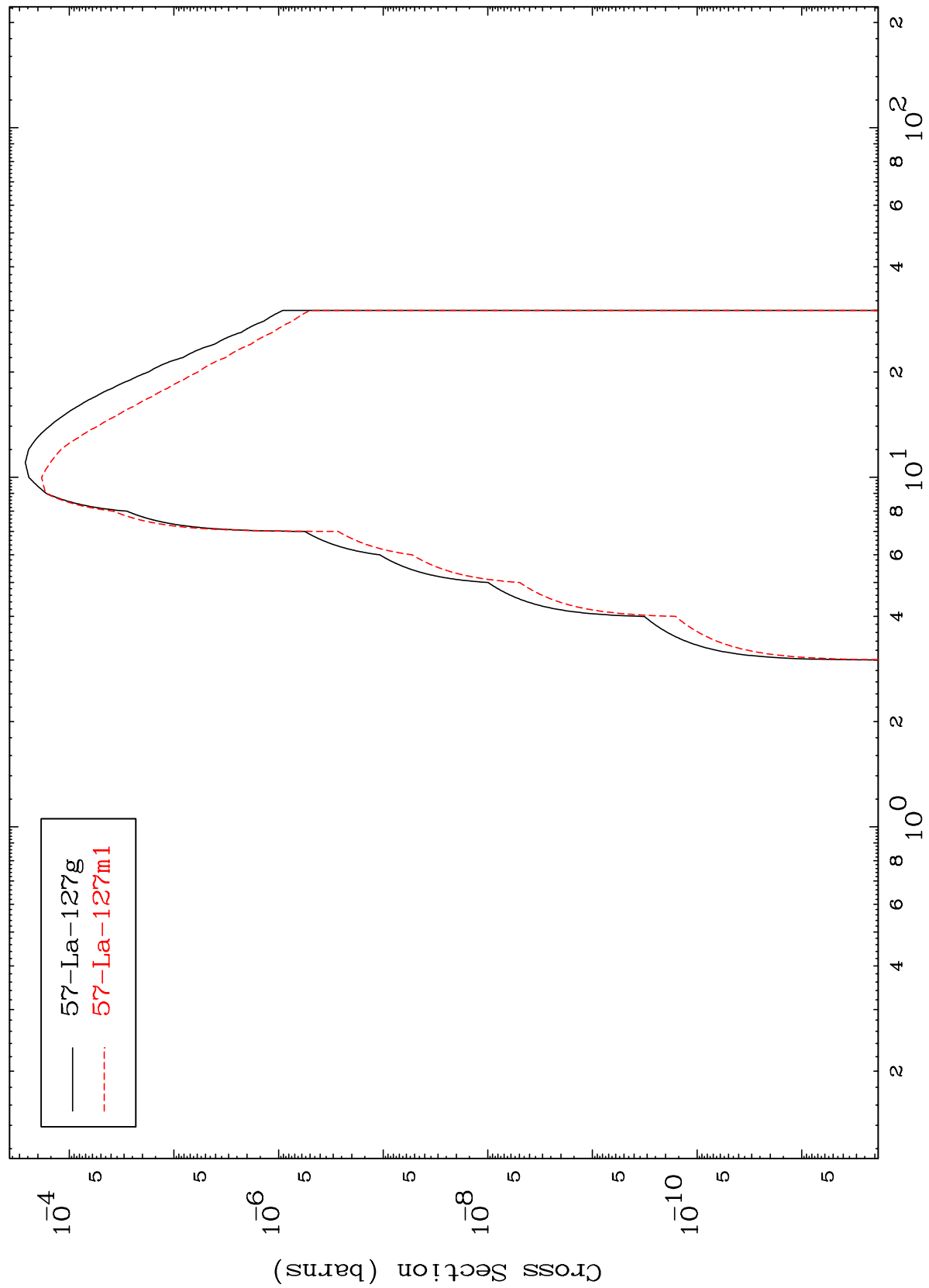
Incident Energy (MeV)

56-Ba-125

MAT 5610

56-Ba-125

(n,  $\gamma$ )  
Radionuclide Production Cross Section



— 57-La-127g  
- - - 57-La-127m1

56-Ba-125

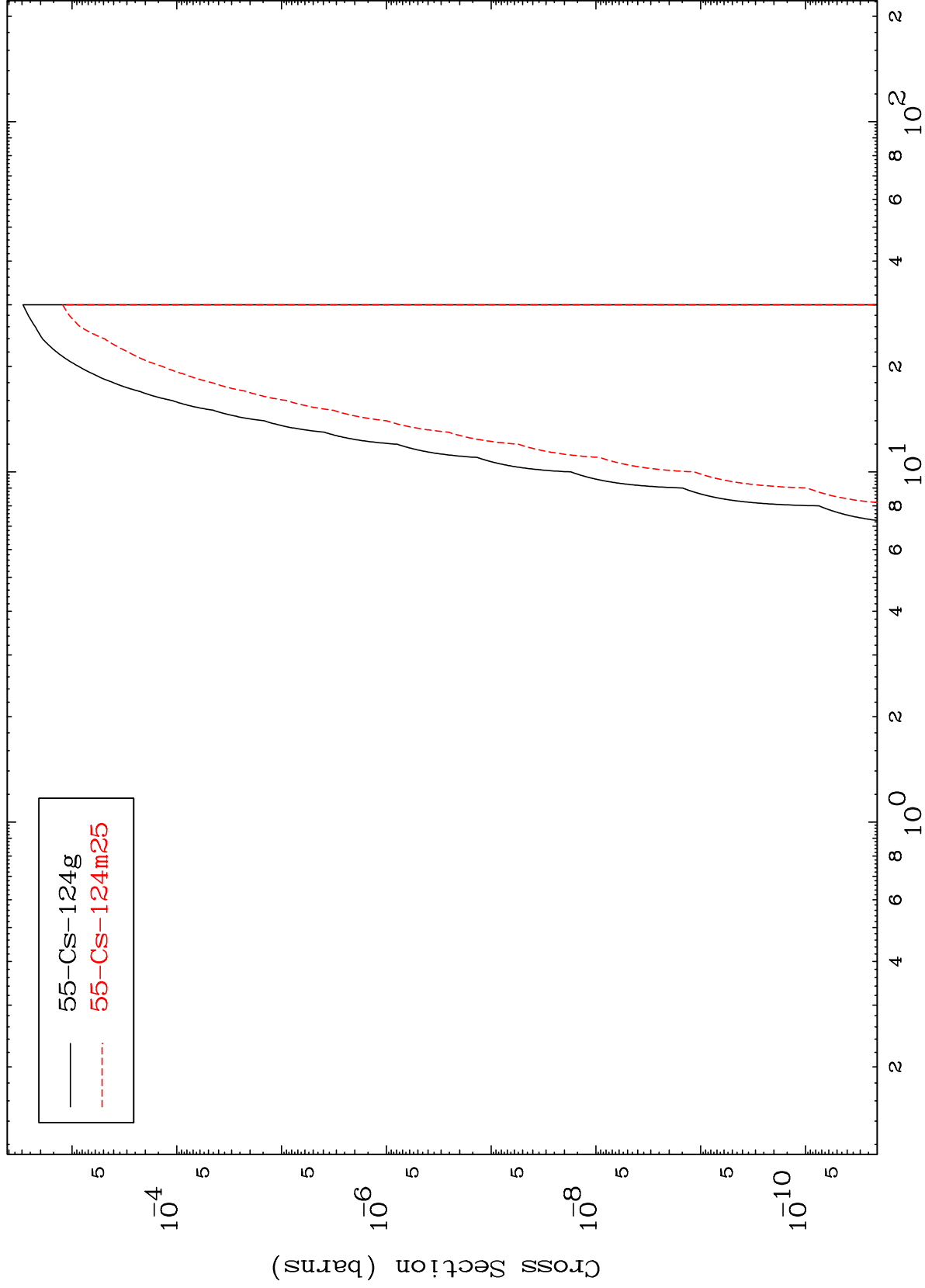
Incident Energy (MeV)

MAT 5610

(n,He-3)

56-Ba-125

Radionuclide Production Cross Section



22

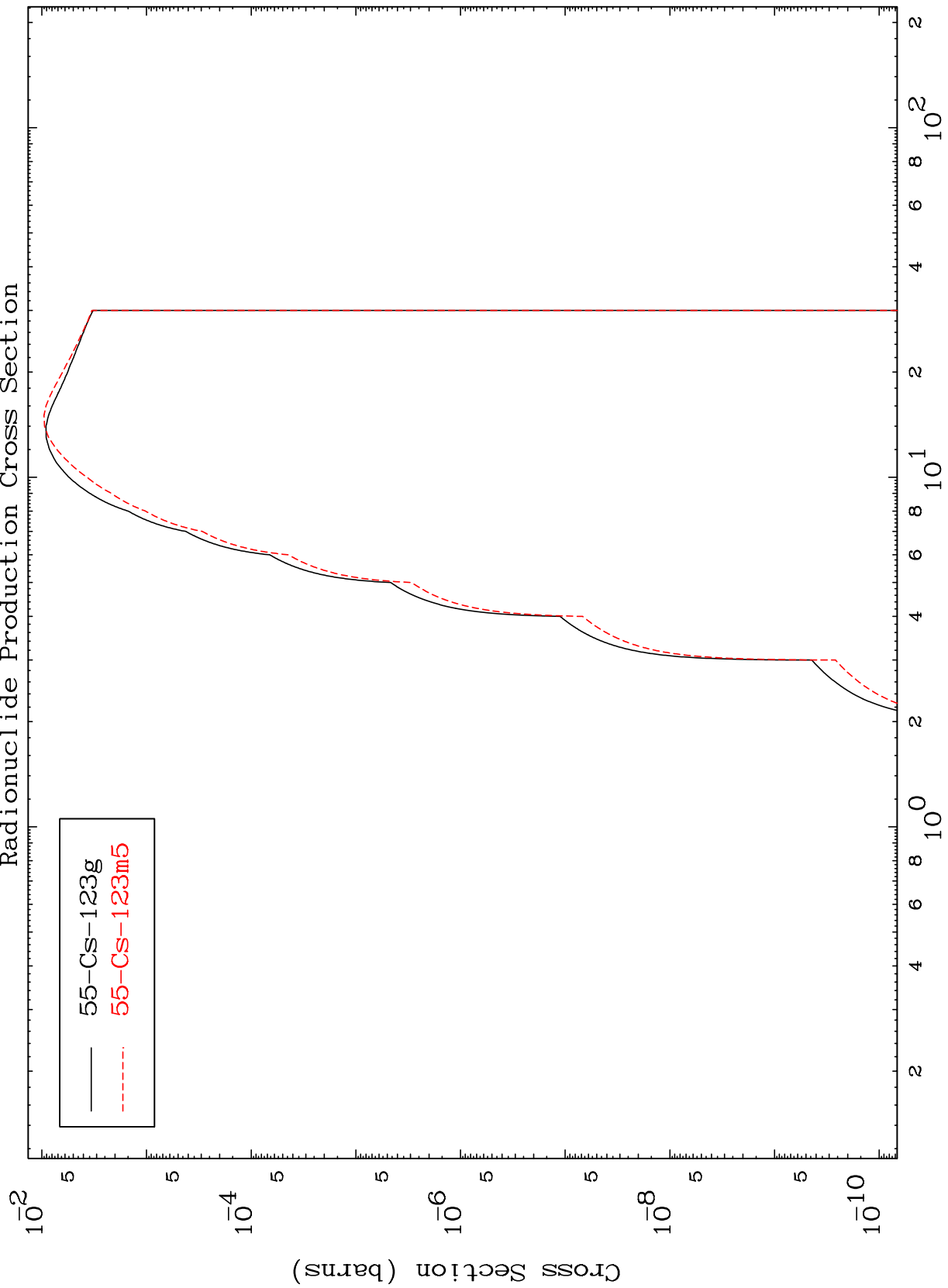
Incident Energy (MeV)

56-Ba-125

MAT 5610

56-Ba-125

Radionuclide Production Cross Section  
(n,  $\alpha$ )



56-Ba-125

Incident Energy (MeV)

23

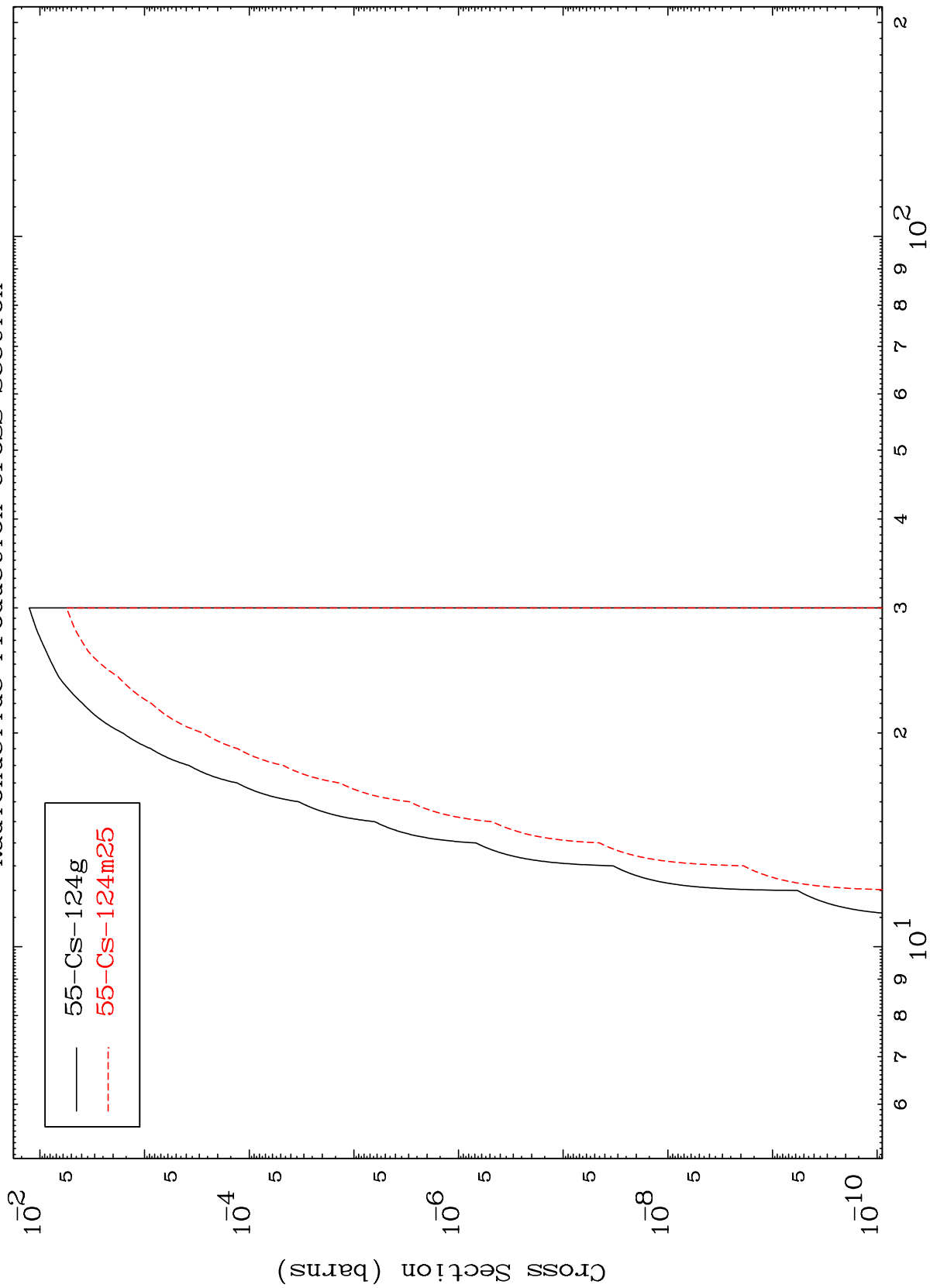


MAT 5610

(n,p) d

56-Ba-125

Radionuclide Production Cross Section



24

Incident Energy (MeV)

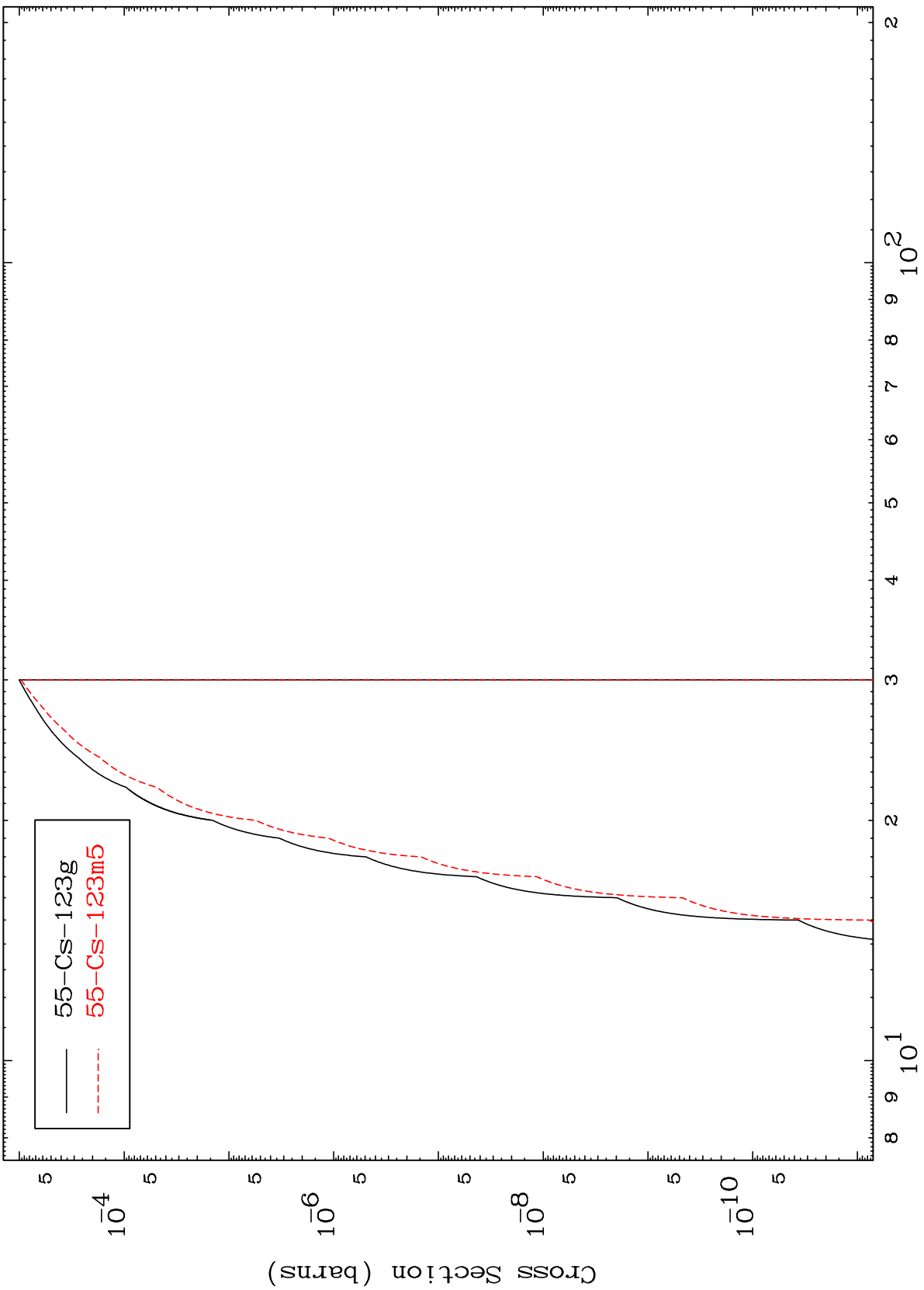
56-Ba-125

MAT 5610

(n,p) t

56-Ba-125

Radionuclide Production Cross Section



25

Incident Energy (MeV)

56-Ba-125