

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

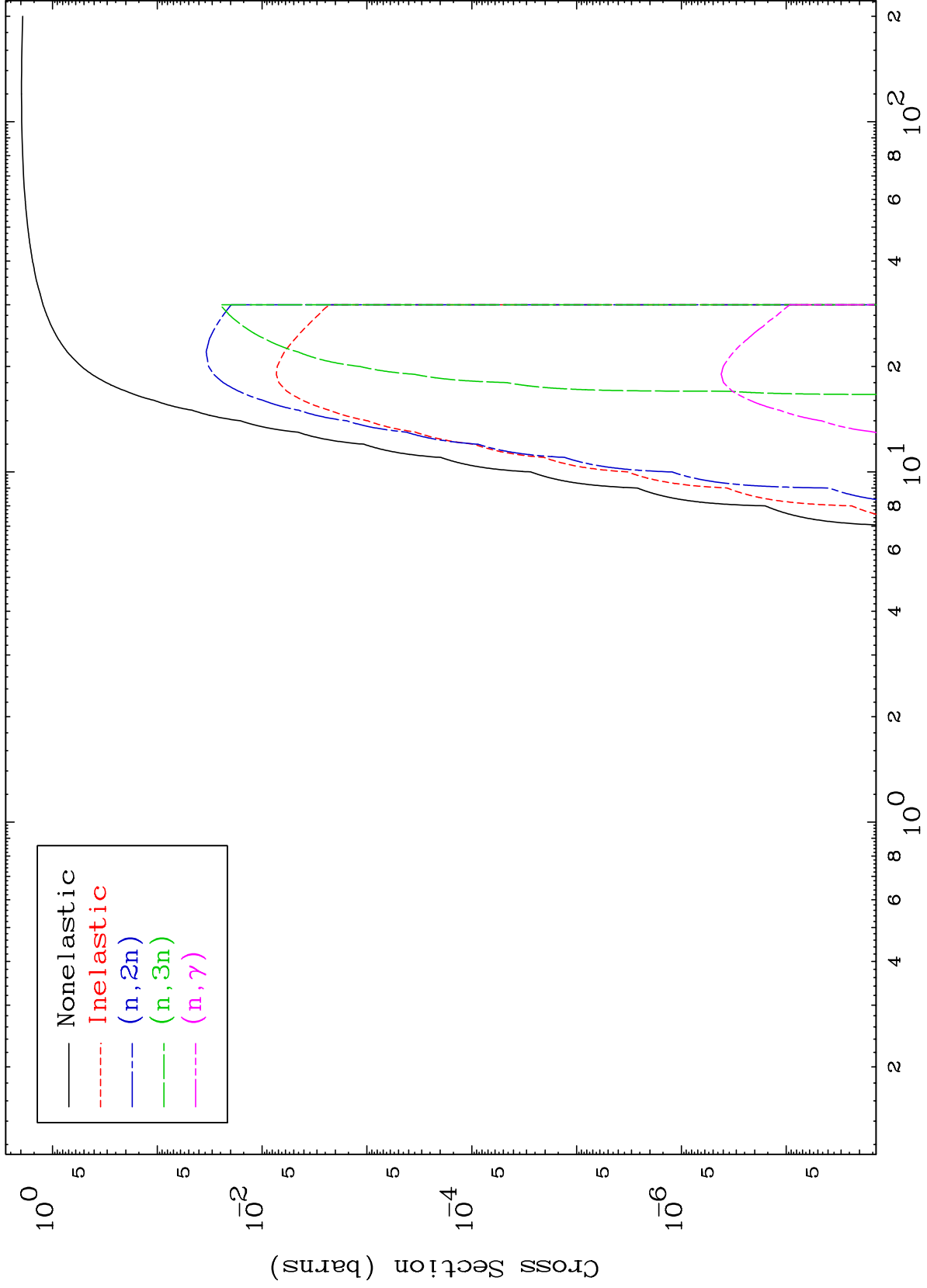
Press Mouse Button to Start

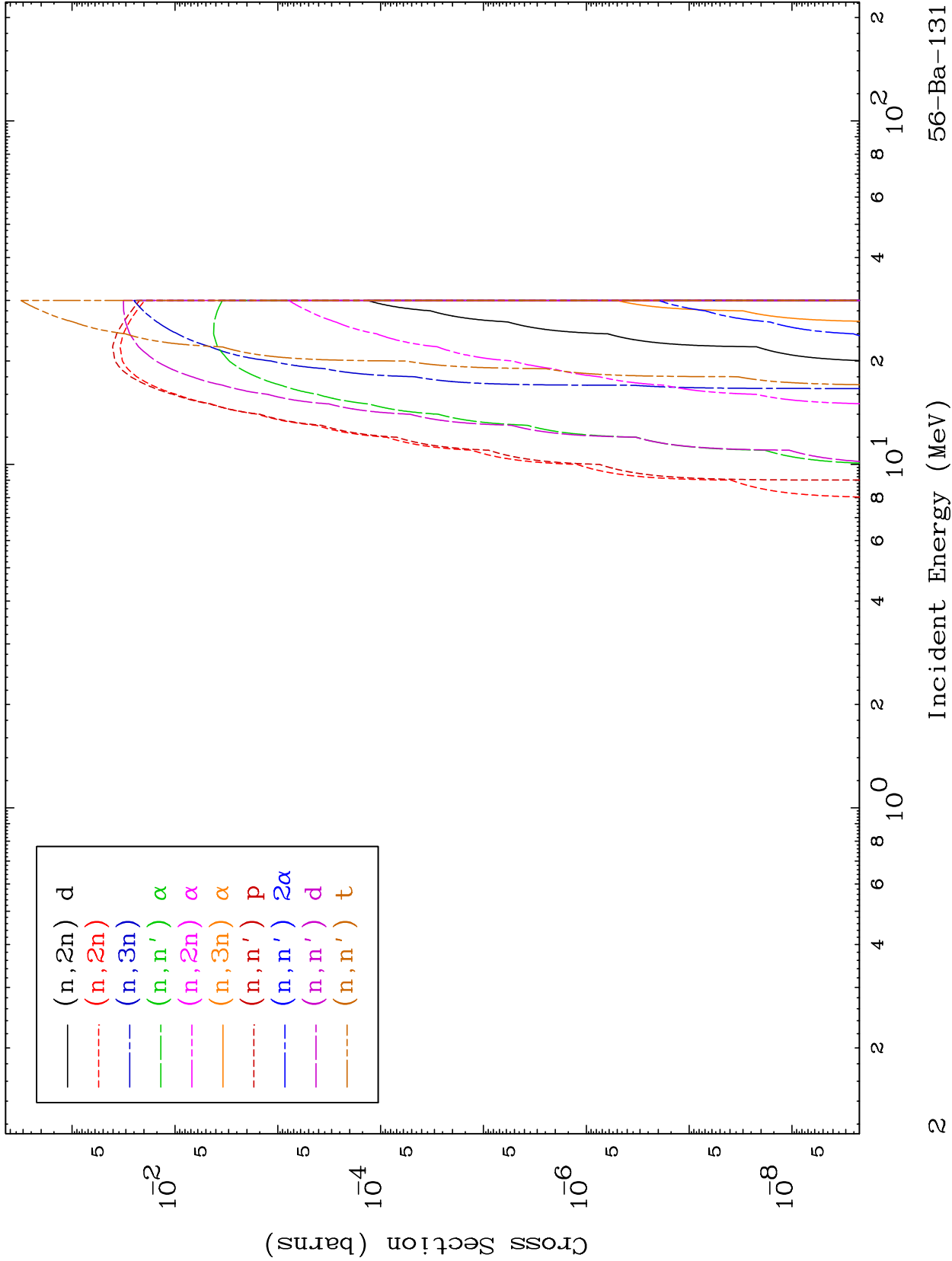
MAT 5628

He-3 Major

56-Ba-131

0 Kelvin Cross Sections

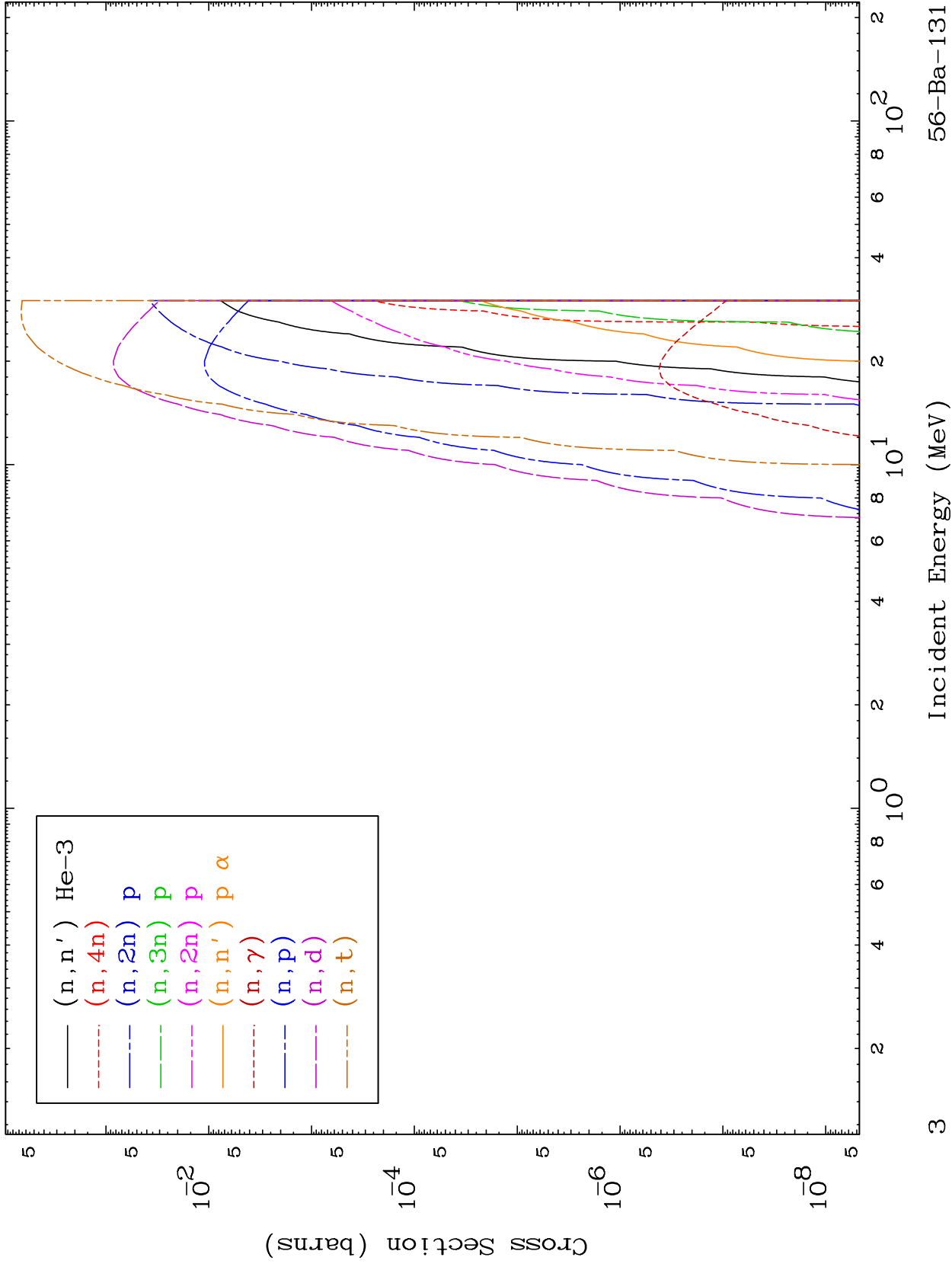




MAT 5628

He-3 Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-131



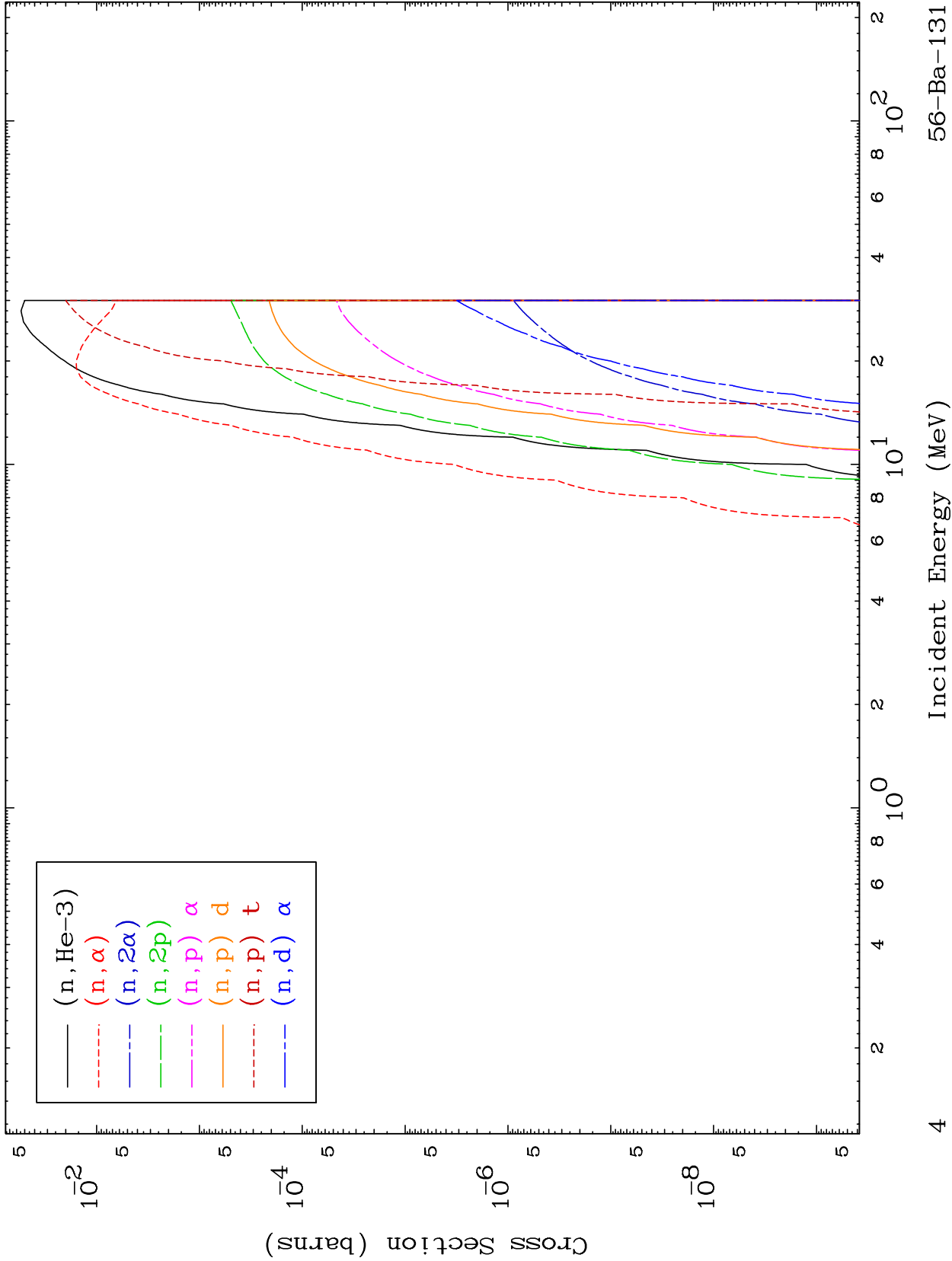
56-Ba-131

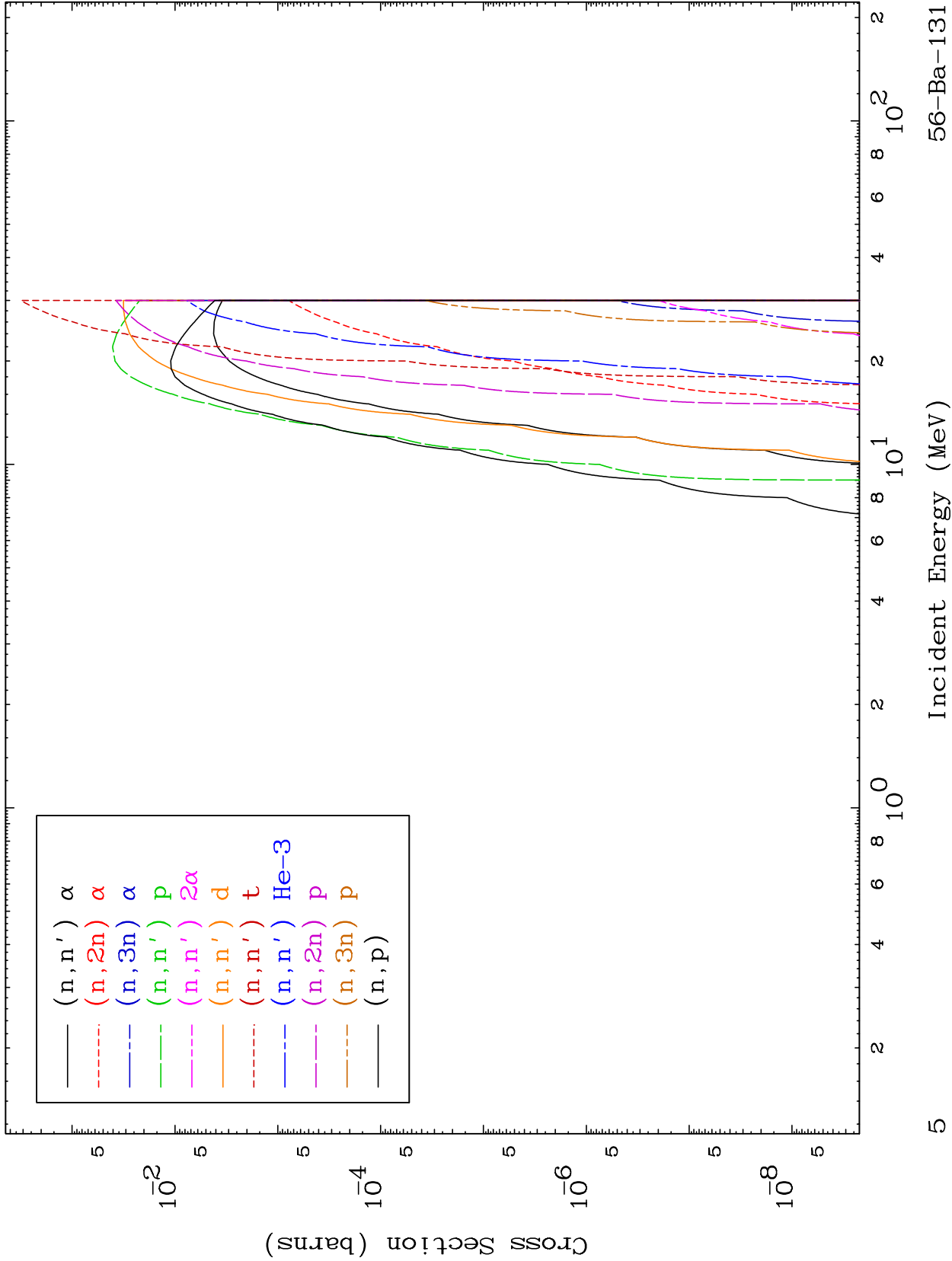
Incident Energy (MeV)

MAT 5628

He-3 Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-131

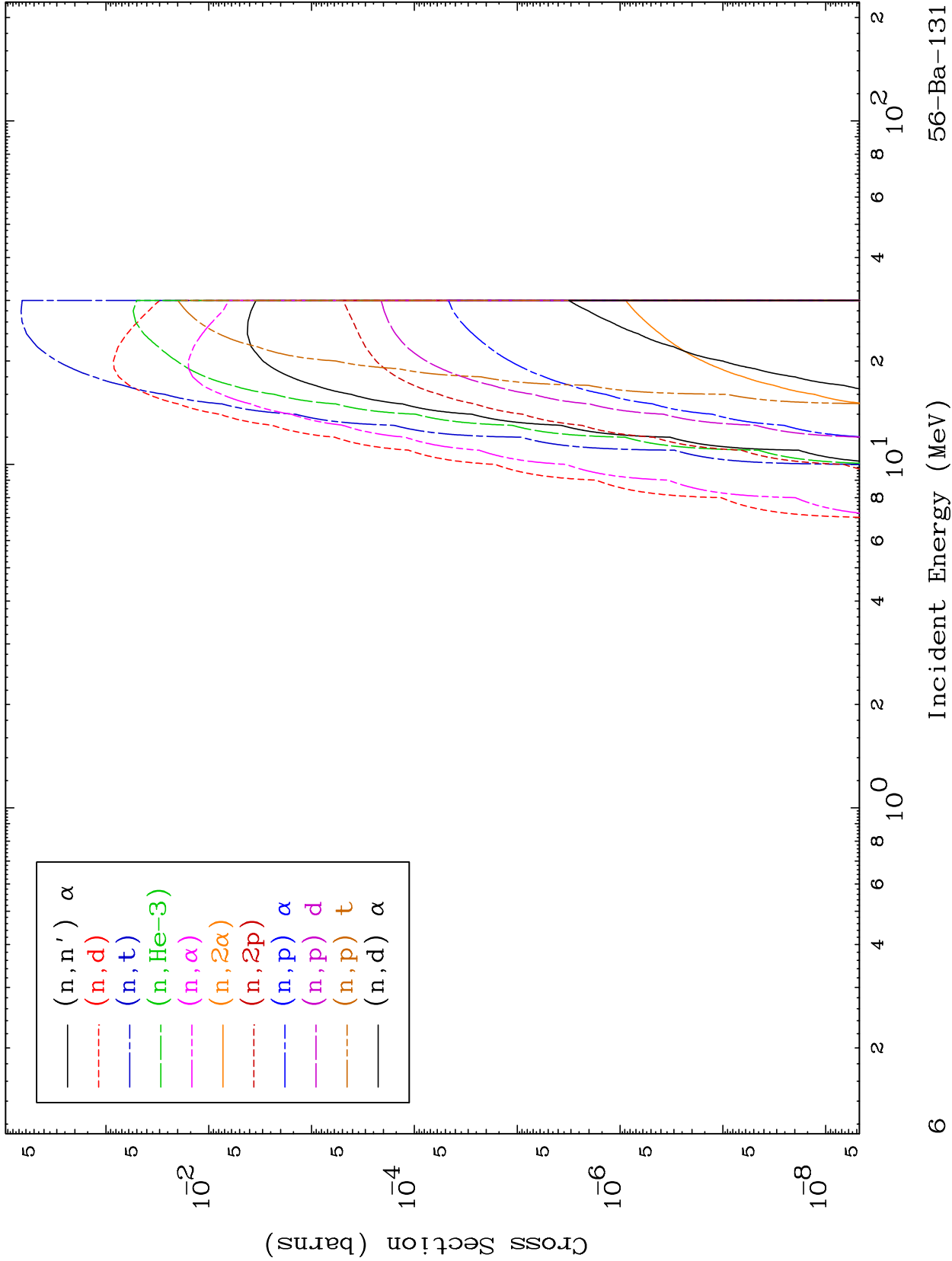




MAT 5628

He-3 Charged Particle  
0 Kelvin Cross Sections

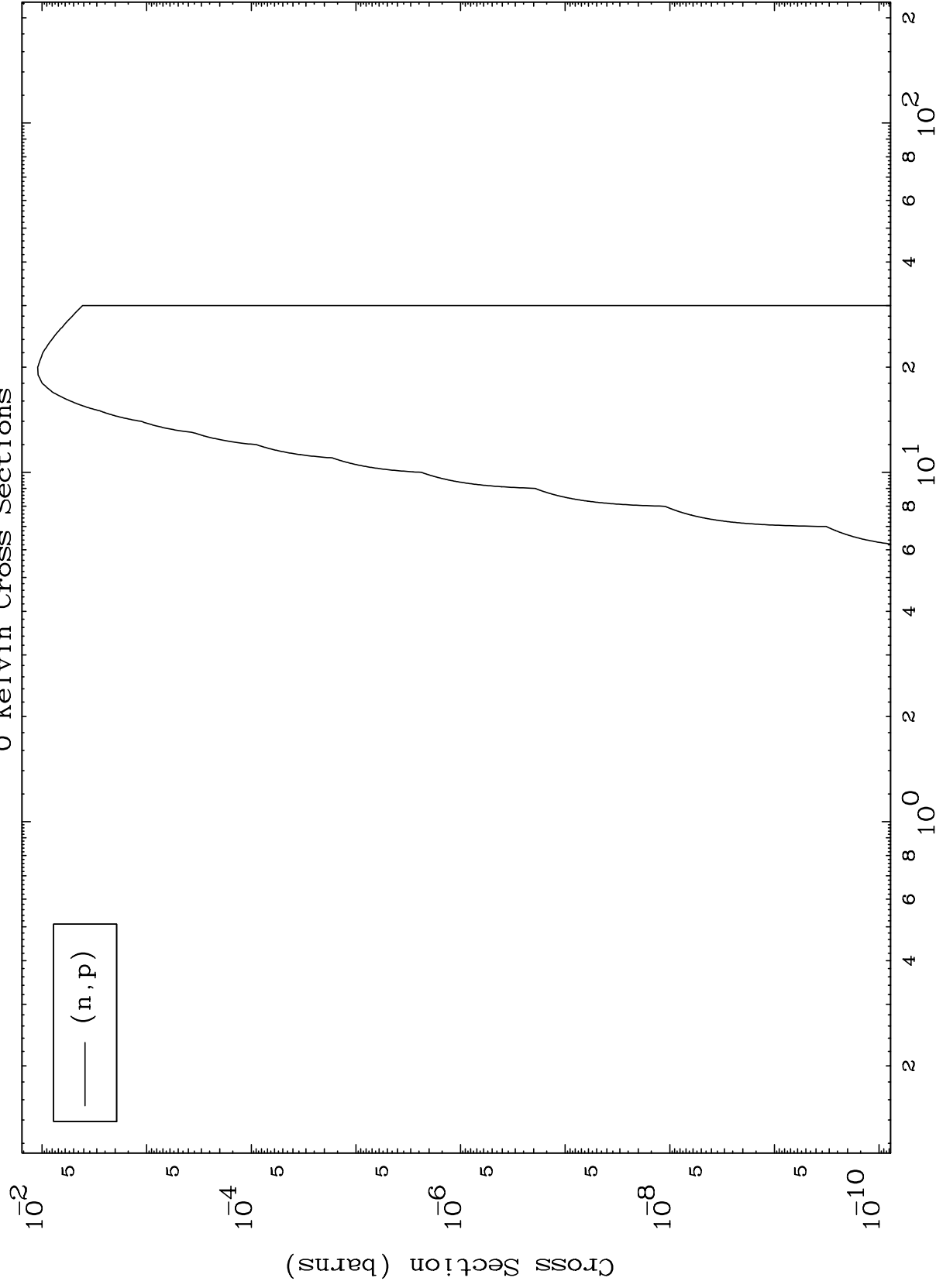
56-Ba-131



MAT 5628

56-Ba-131

(He-3,p) Levels  
0 Kelvin Cross Sections



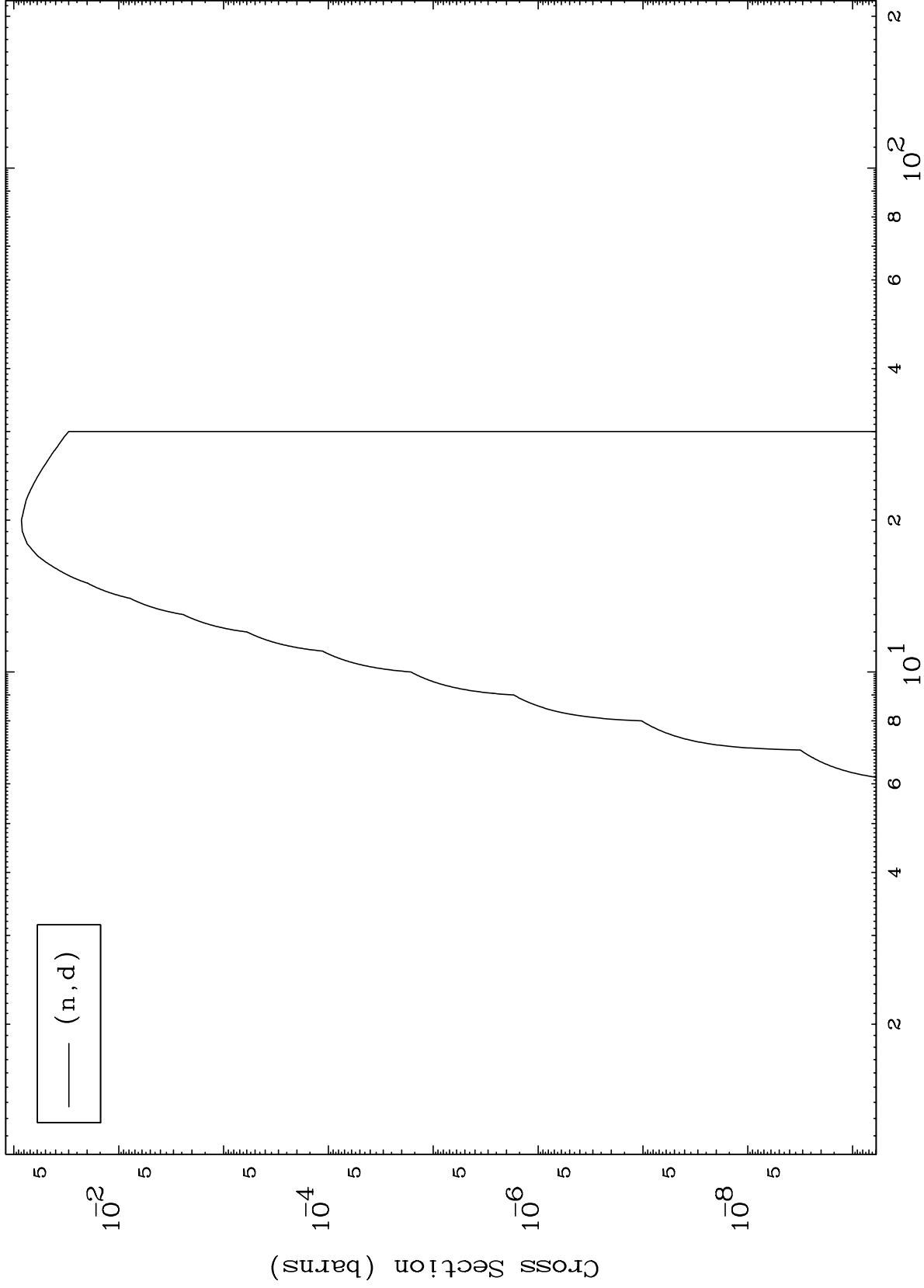
56-Ba-131

Incident Energy (MeV)

MAT 5628

(He-3,d) Levels  
0 Kelvin Cross Sections

56-Ba-131



8

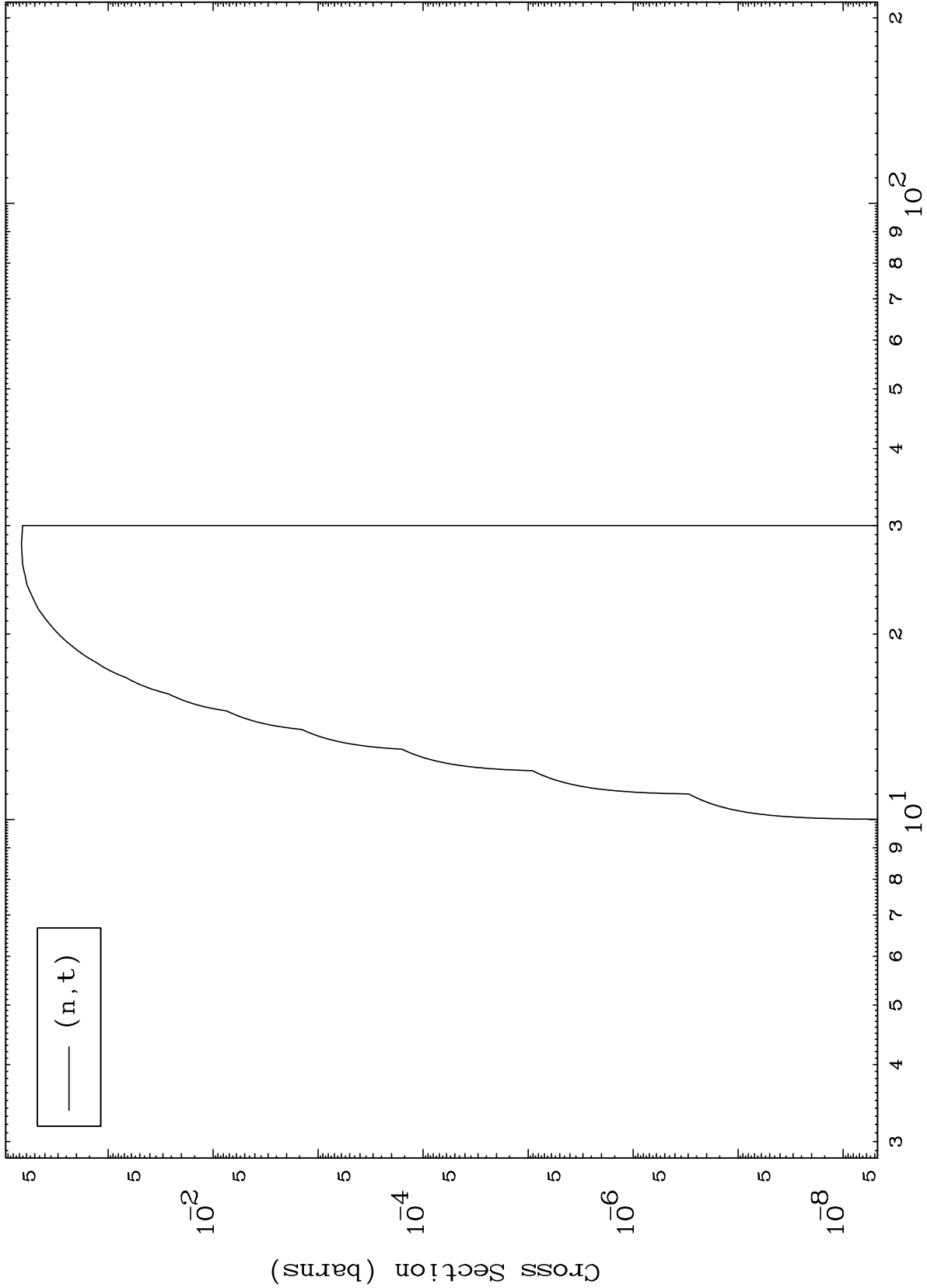
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

(He-3,t) Levels  
0 Kelvin Cross Sections



9

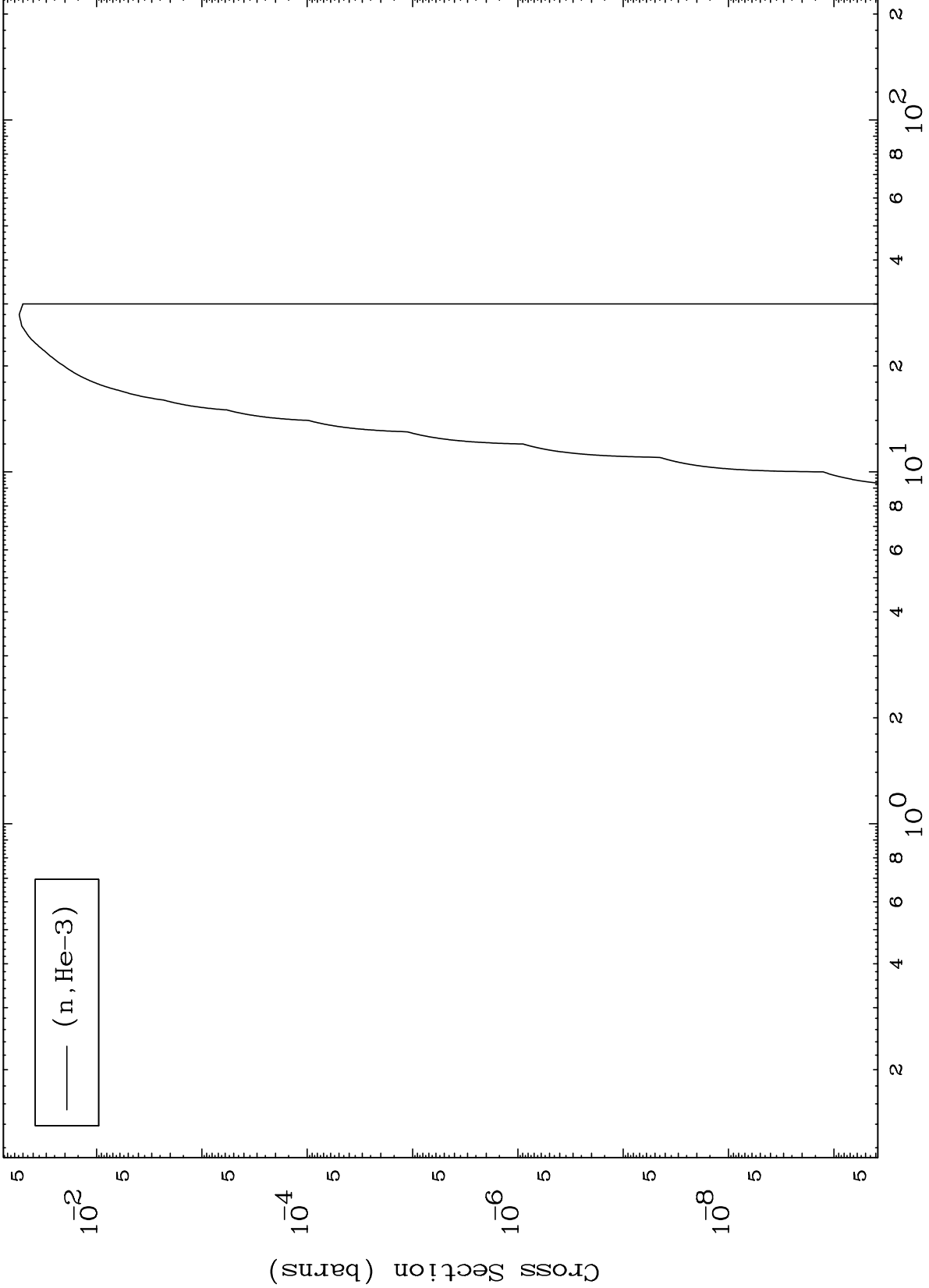
56-Ba-131

MAT 5628

(He-3, He3) Levels

56-Ba-131

0 Kelvin Cross Sections



10

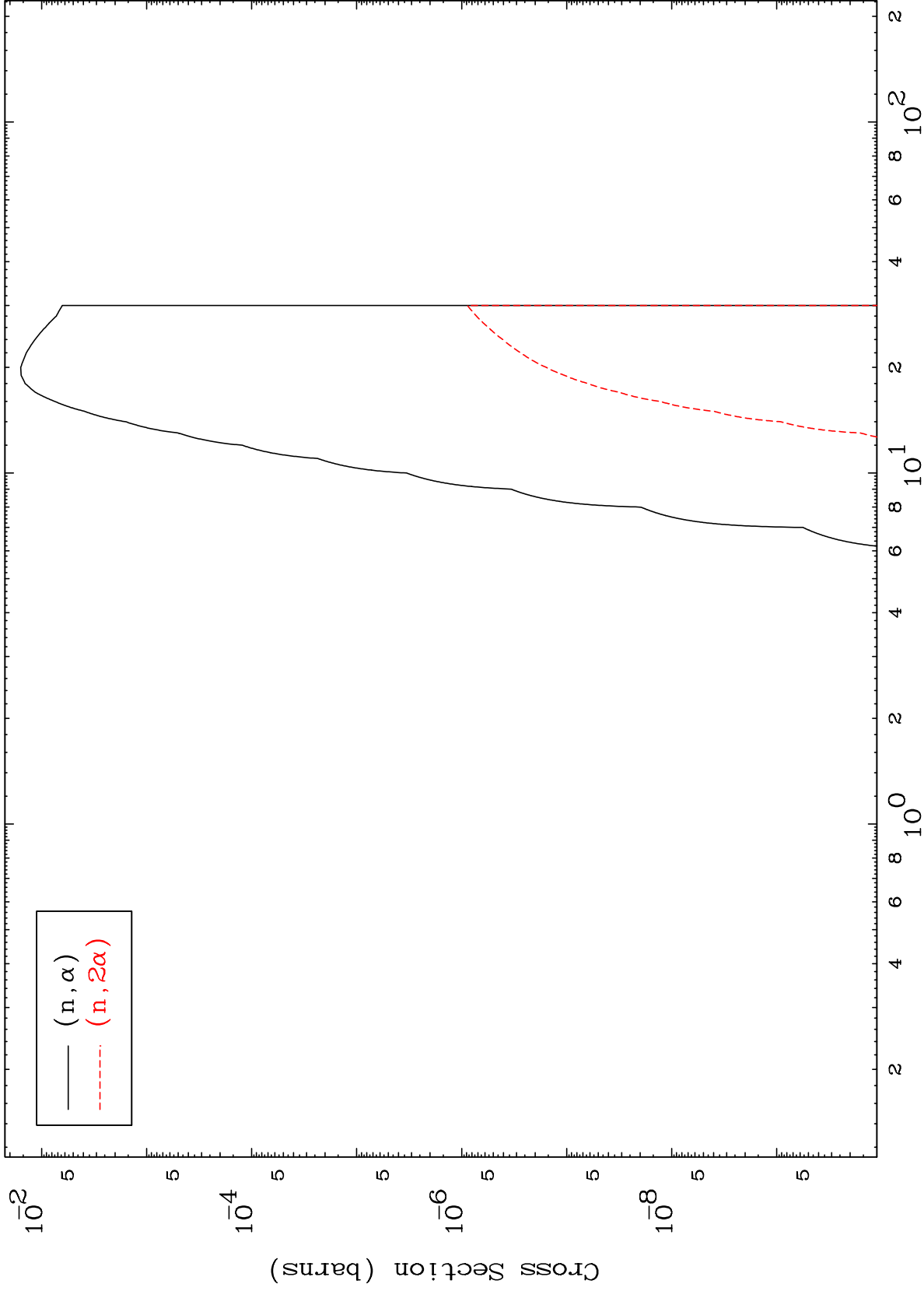
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



11

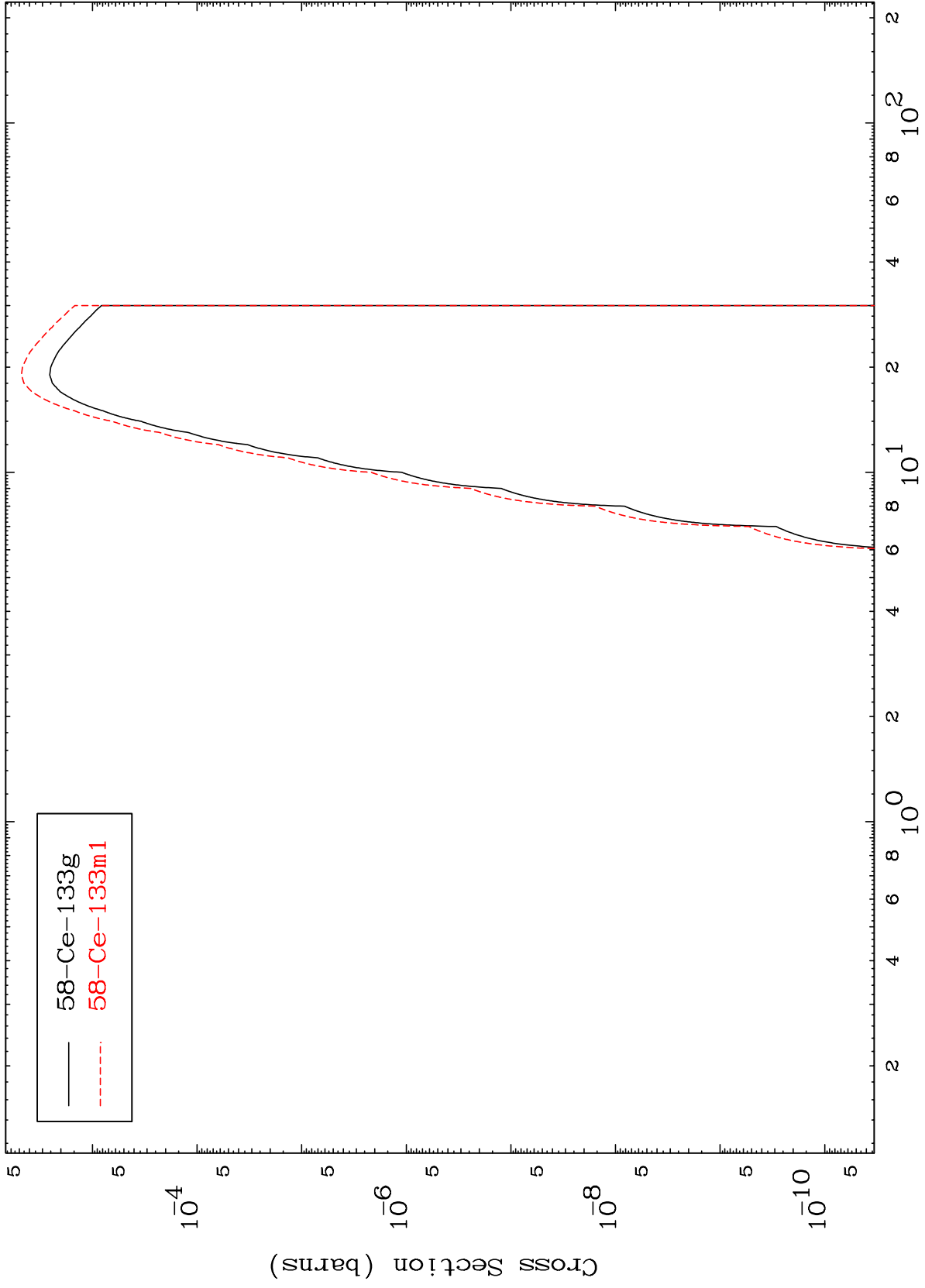
56-Ba-131

Incident Energy (MeV)

MAT 5628

56-Ba-131

Inelastic  
Radionuclide Production Cross Section



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

56-Ba-131

Incident Energy (MeV)

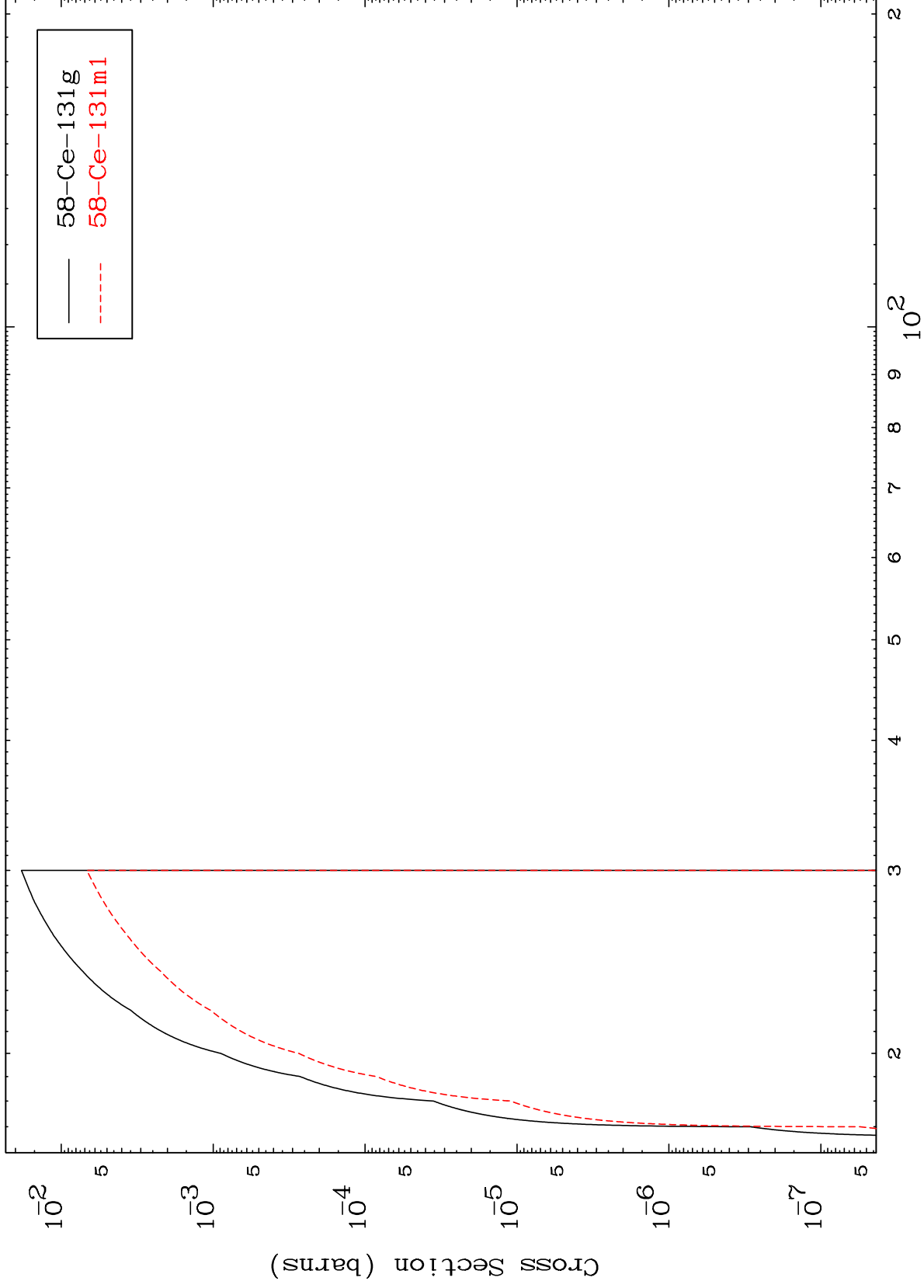
12

MAT 5628

(n,3n)

56-Ba-131

Radionuclide Production Cross Section



13

Incident Energy (MeV)

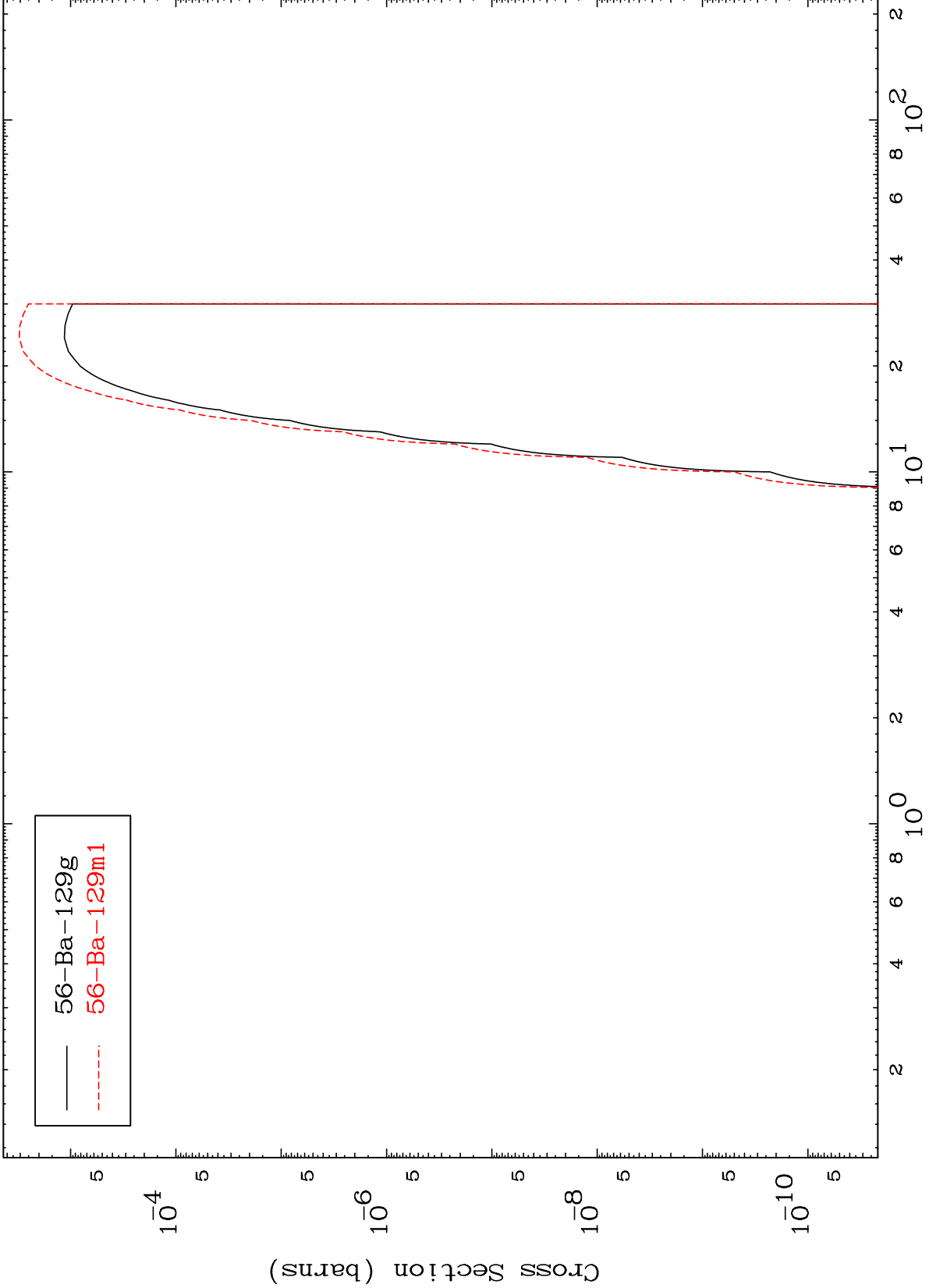
56-Ba-131

MAT 5628

$(n, n') \alpha$

56-Ba-131

Radionuclide Production Cross Section

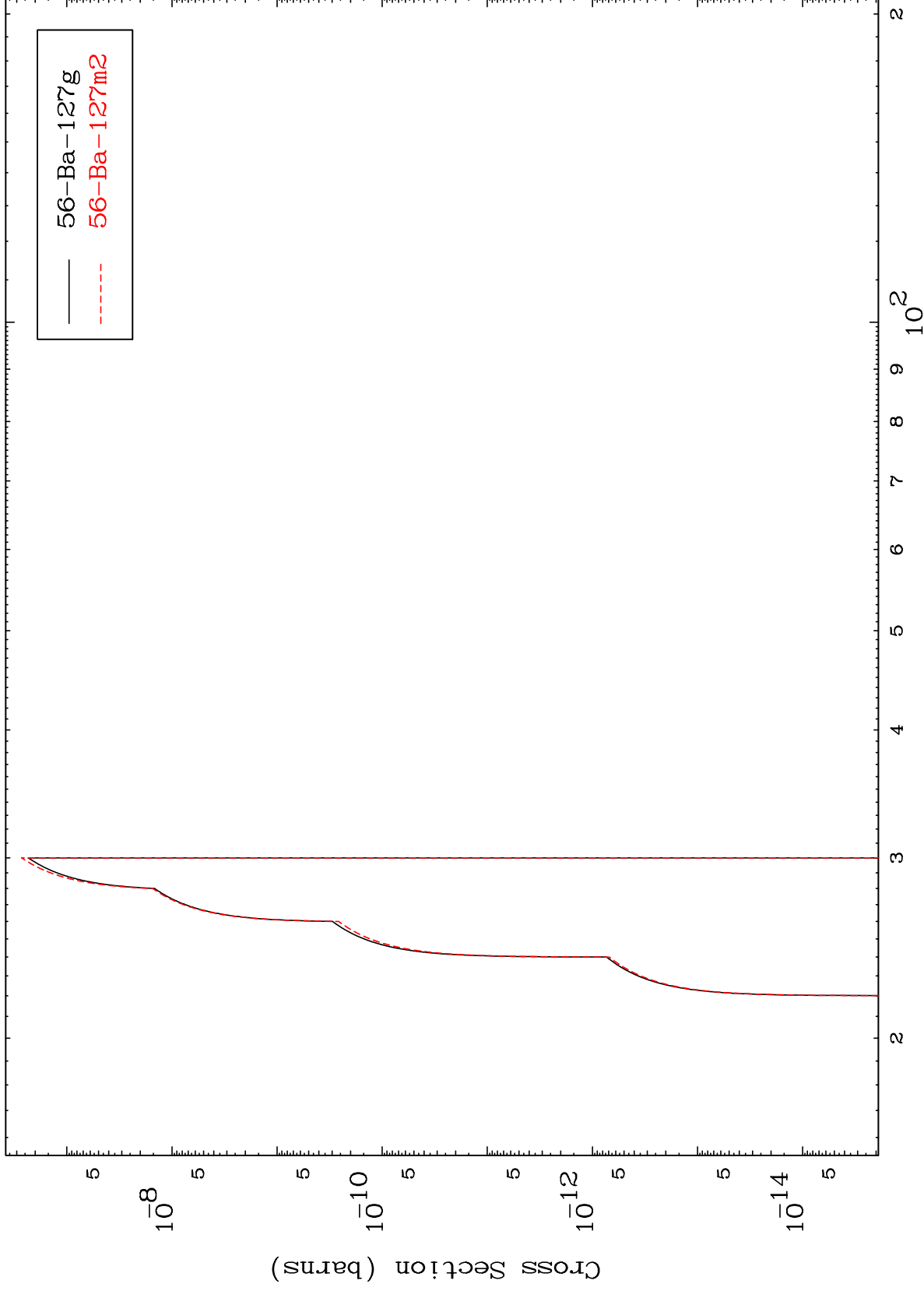


MAT 5628

(n,3n)  $\alpha$

56-Ba-131

Radionuclide Production Cross Section



15

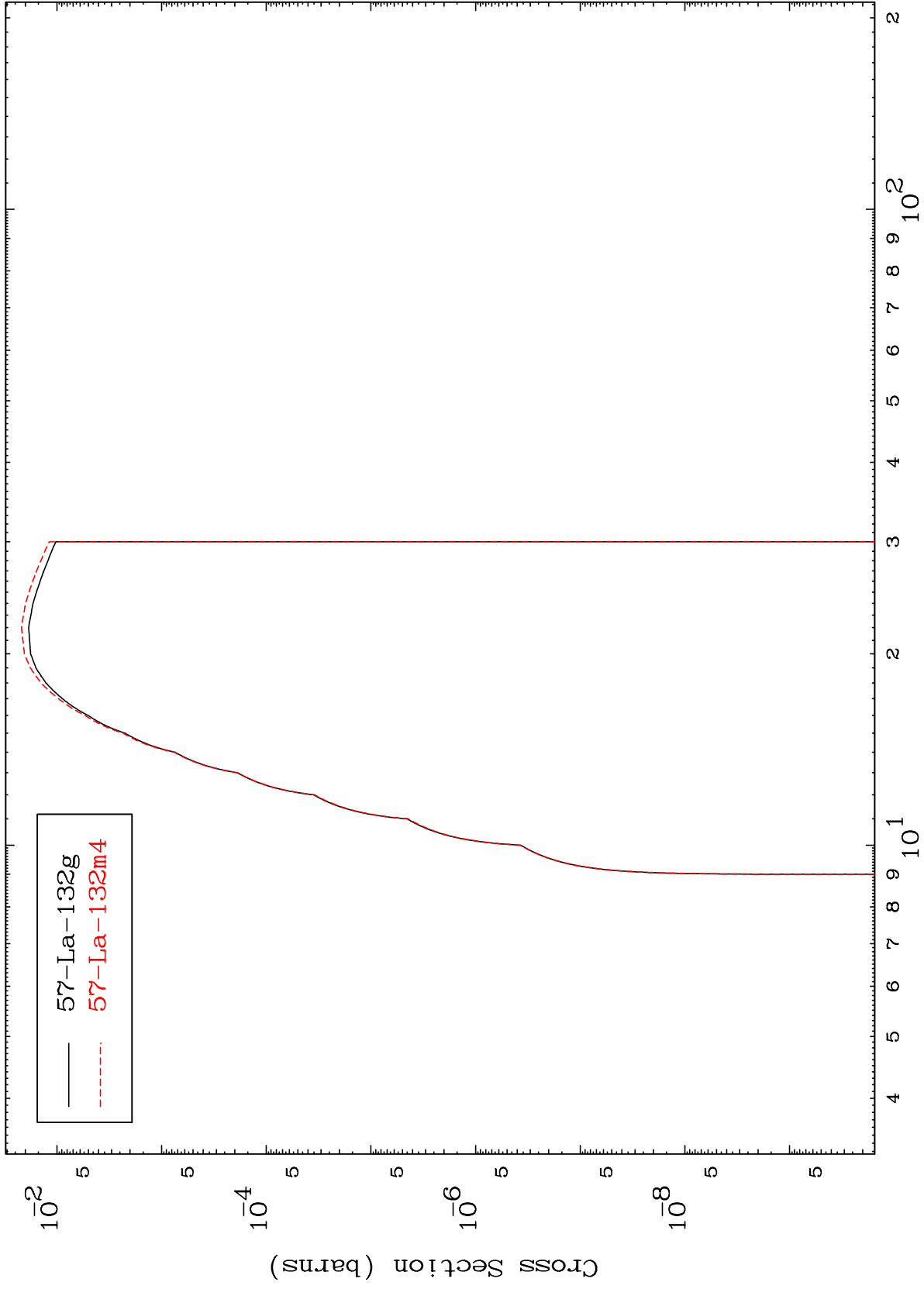
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

(n,n') p  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

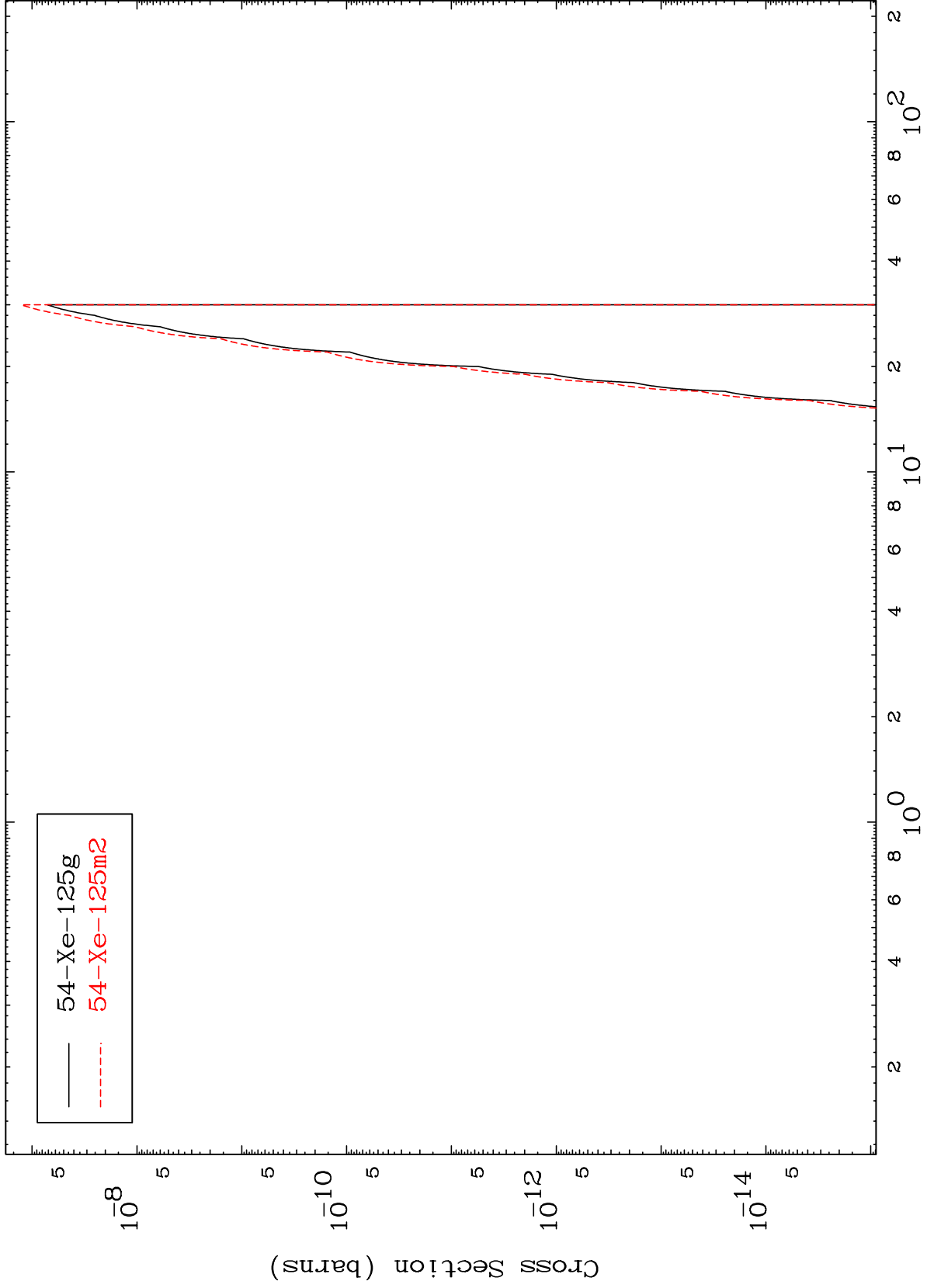
56-Ba-131

MAT 5628

(n,n') 2 $\alpha$

56-Ba-131

Radionuclide Production Cross Section

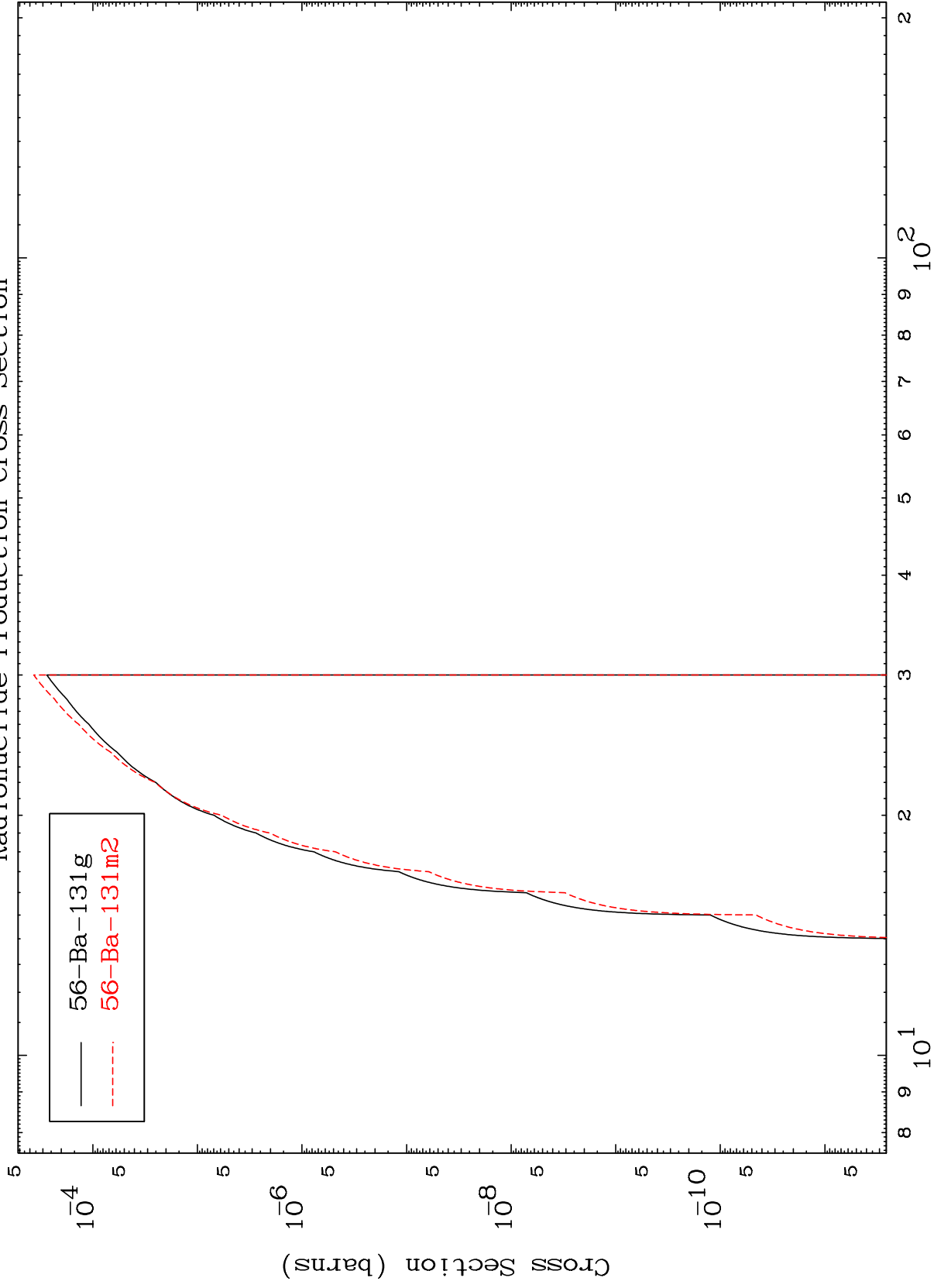


MAT 5628

(n,2n) p

56-Ba-131

Radionuclide Production Cross Section



18

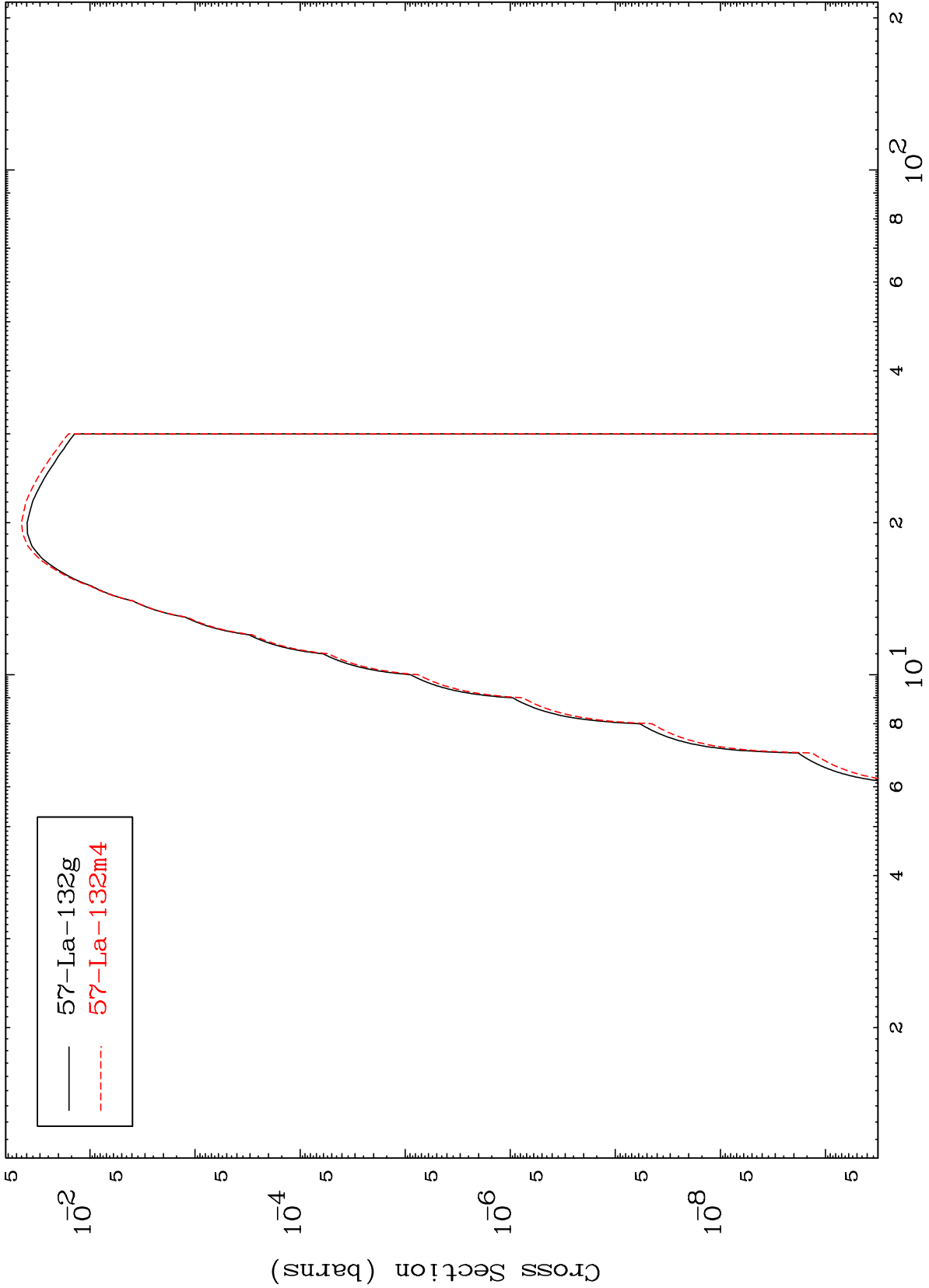
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

(n,d)  
Radionuclide Production Cross Section



19

56-Ba-131

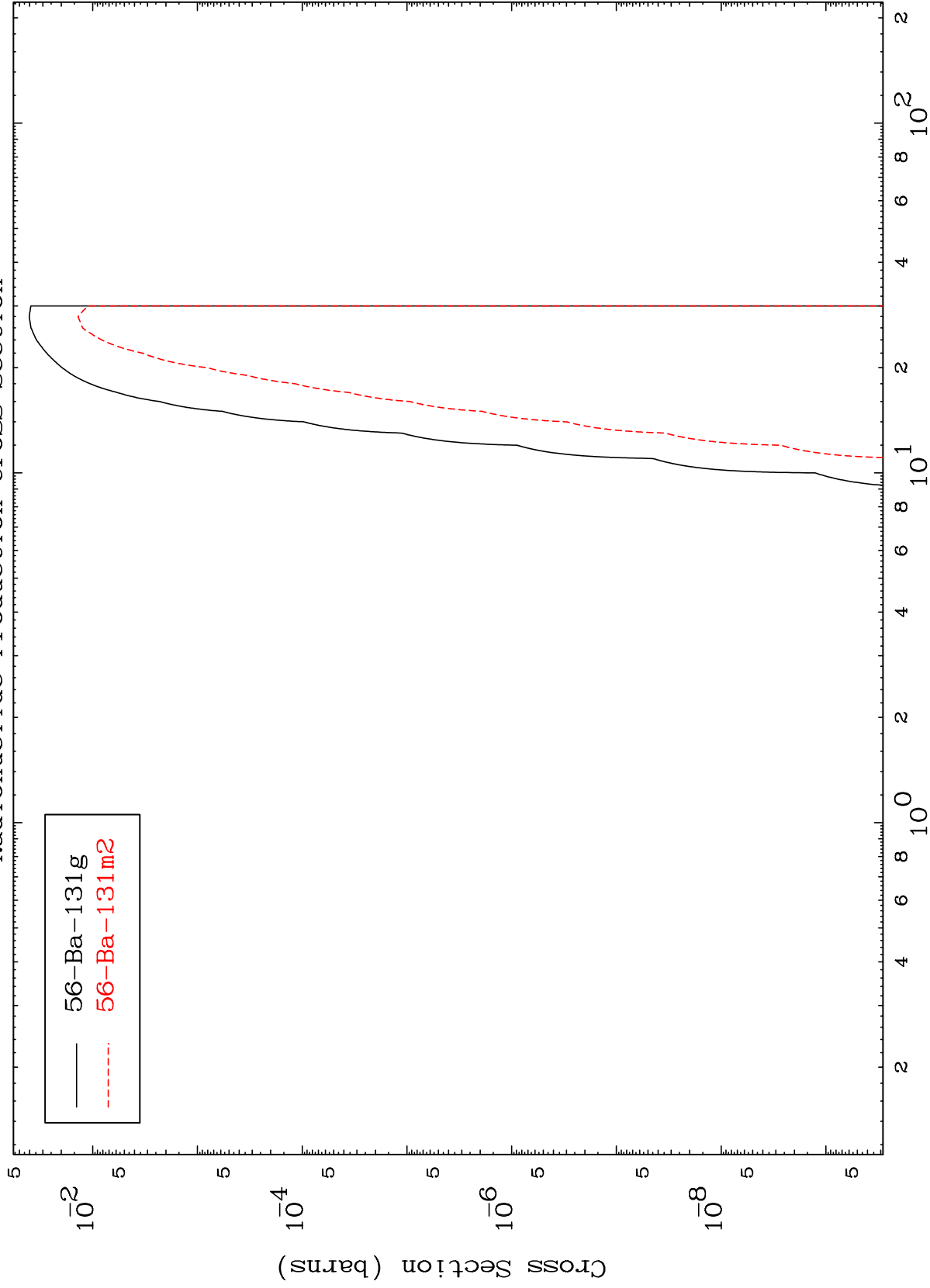
Incident Energy (MeV)

MAT 5628

(n,He-3)

56-Ba-131

Radionuclide Production Cross Section



20

Incident Energy (MeV)

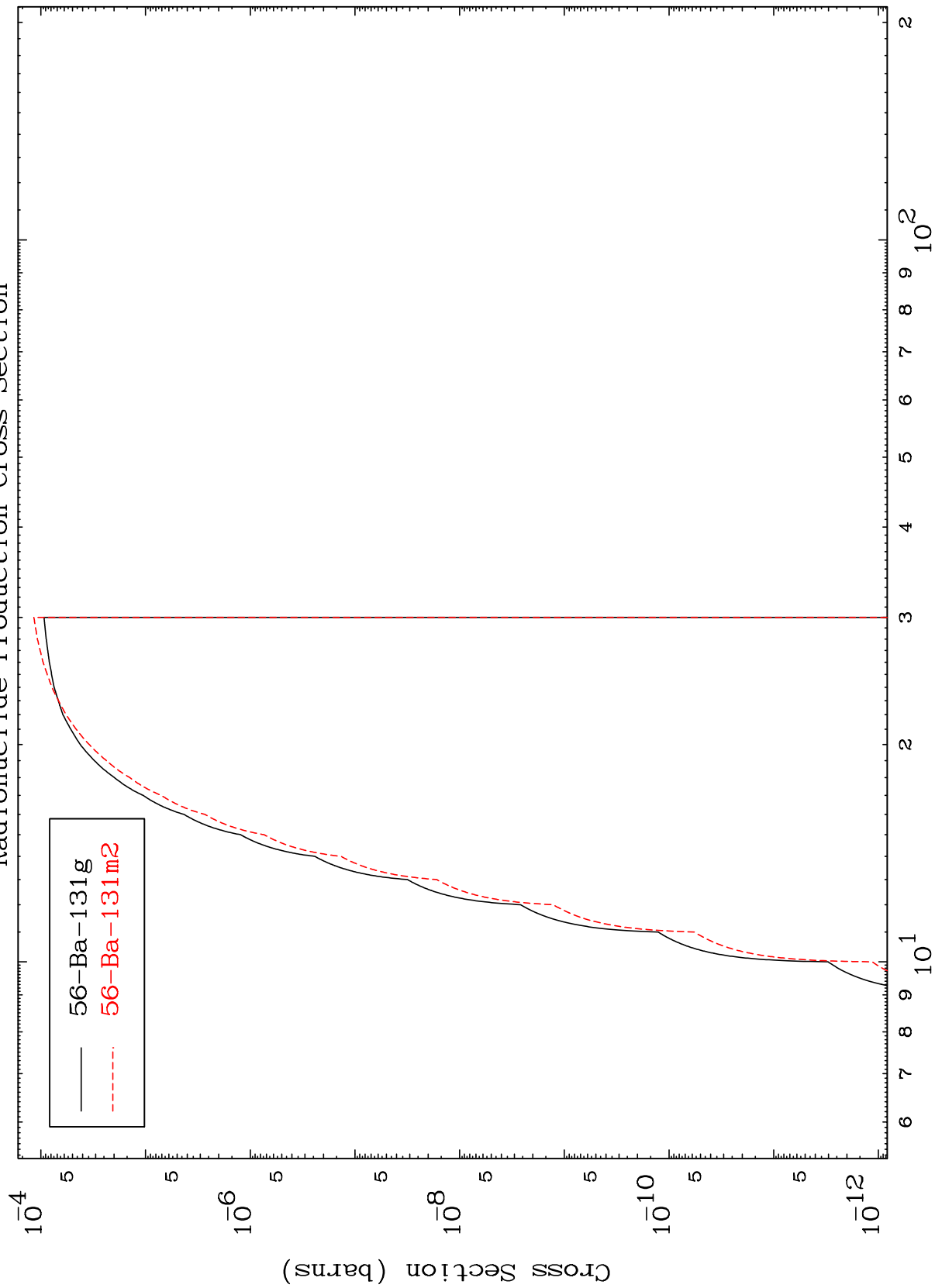
56-Ba-131

MAT 5628

(n,p) d

56-Ba-131

Radionuclide Production Cross Section



21

Incident Energy (MeV)

56-Ba-131