

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

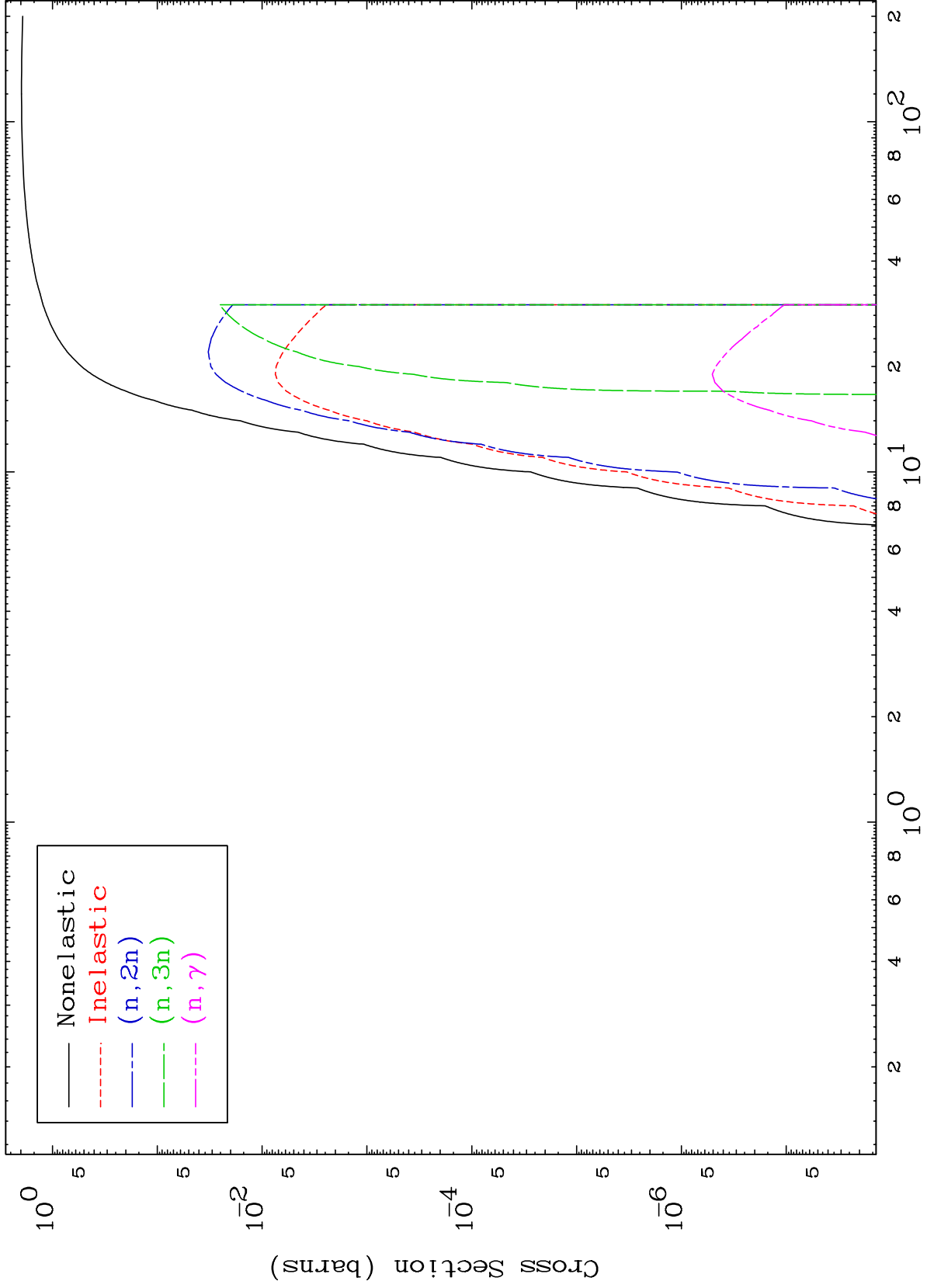
Press Mouse Button to Start

MAT 5628

He-3 Major

56-Ba-131

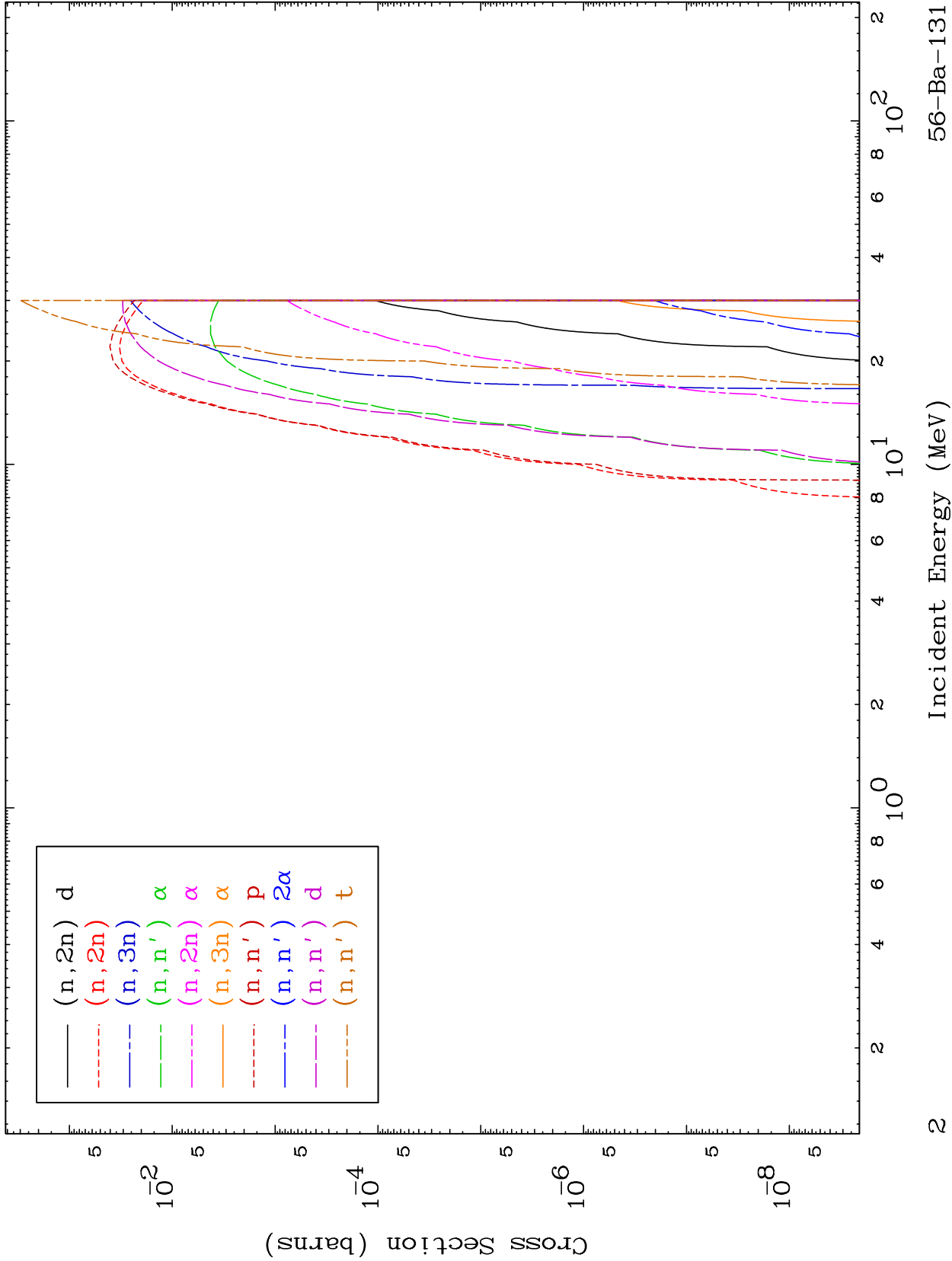
0 Kelvin Cross Sections



MAT 5628

He-3 Neutron Absorption
0 Kelvin Cross Sections

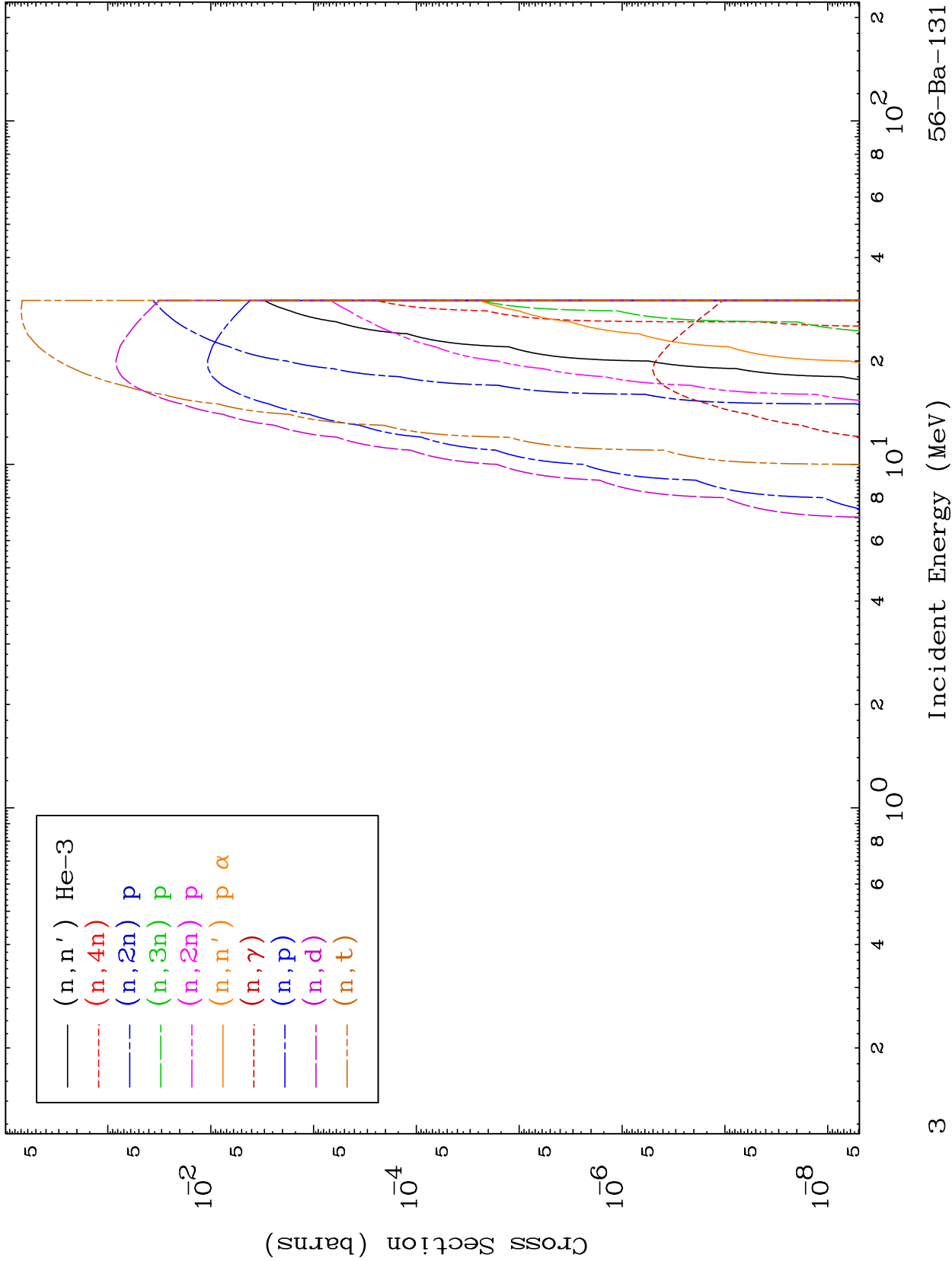
56-Ba-131



MAT 5628

He-3 Neutron Absorption
0 Kelvin Cross Sections

56-Ba-131



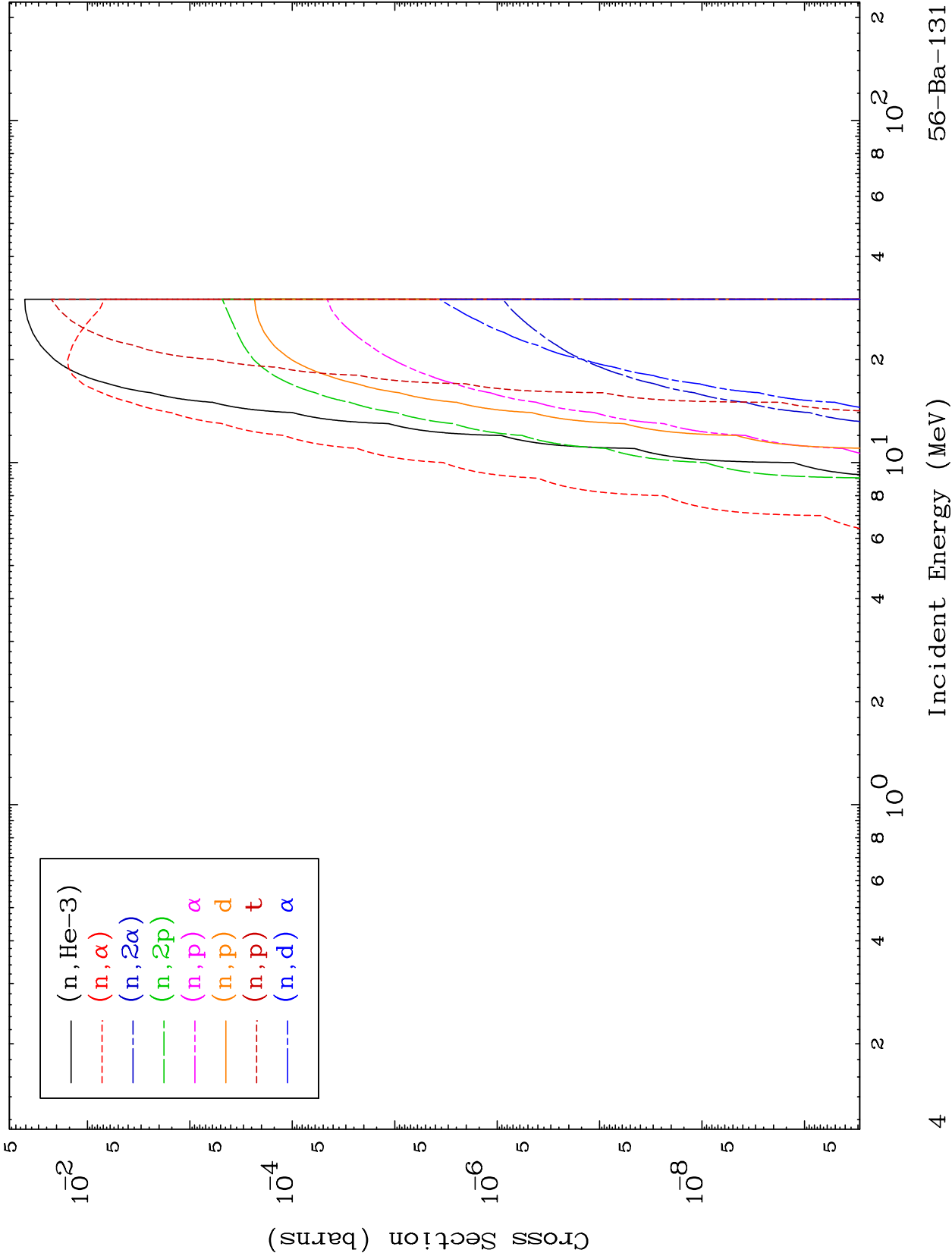
56-Ba-131

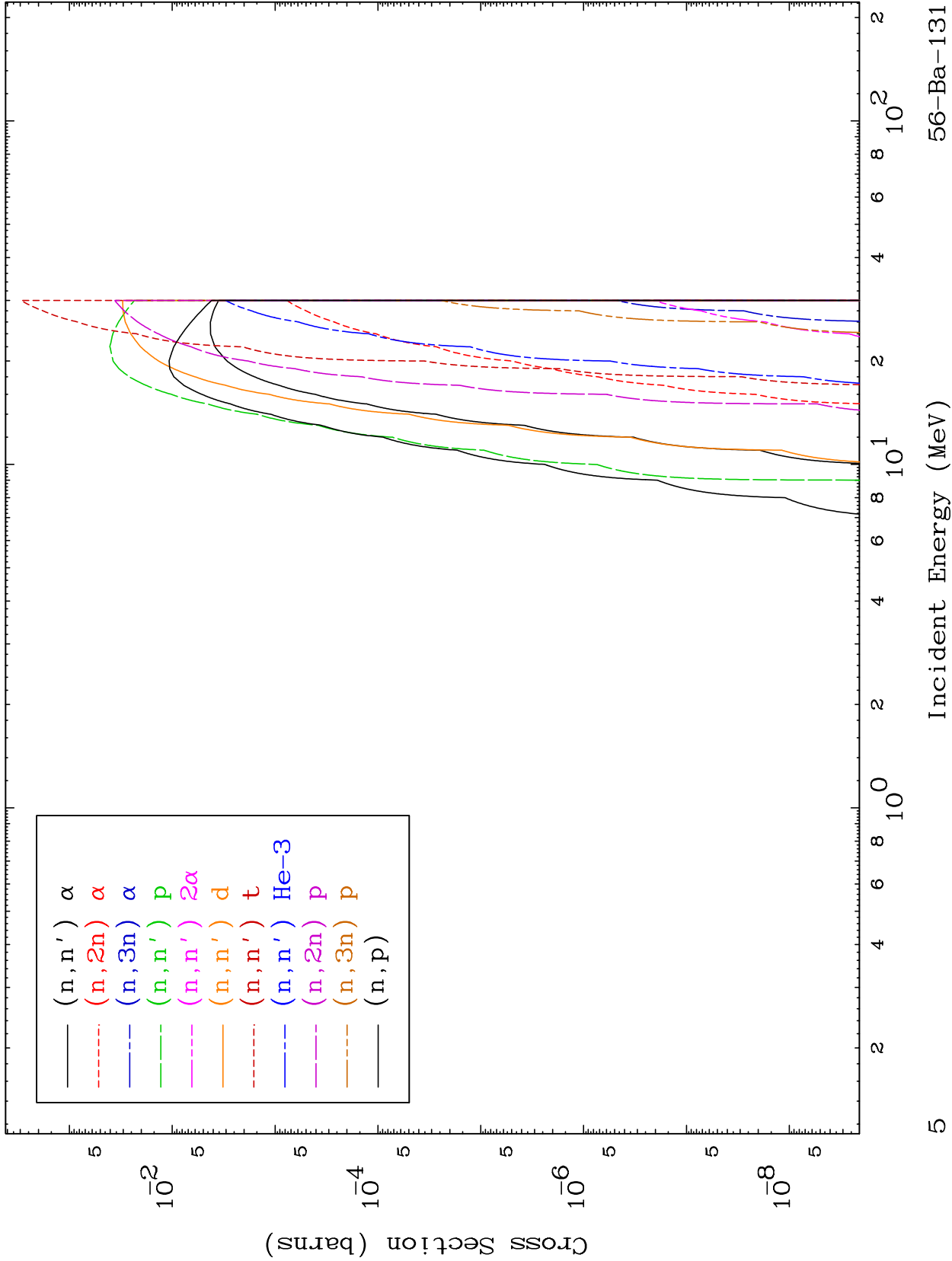
Incident Energy (MeV)

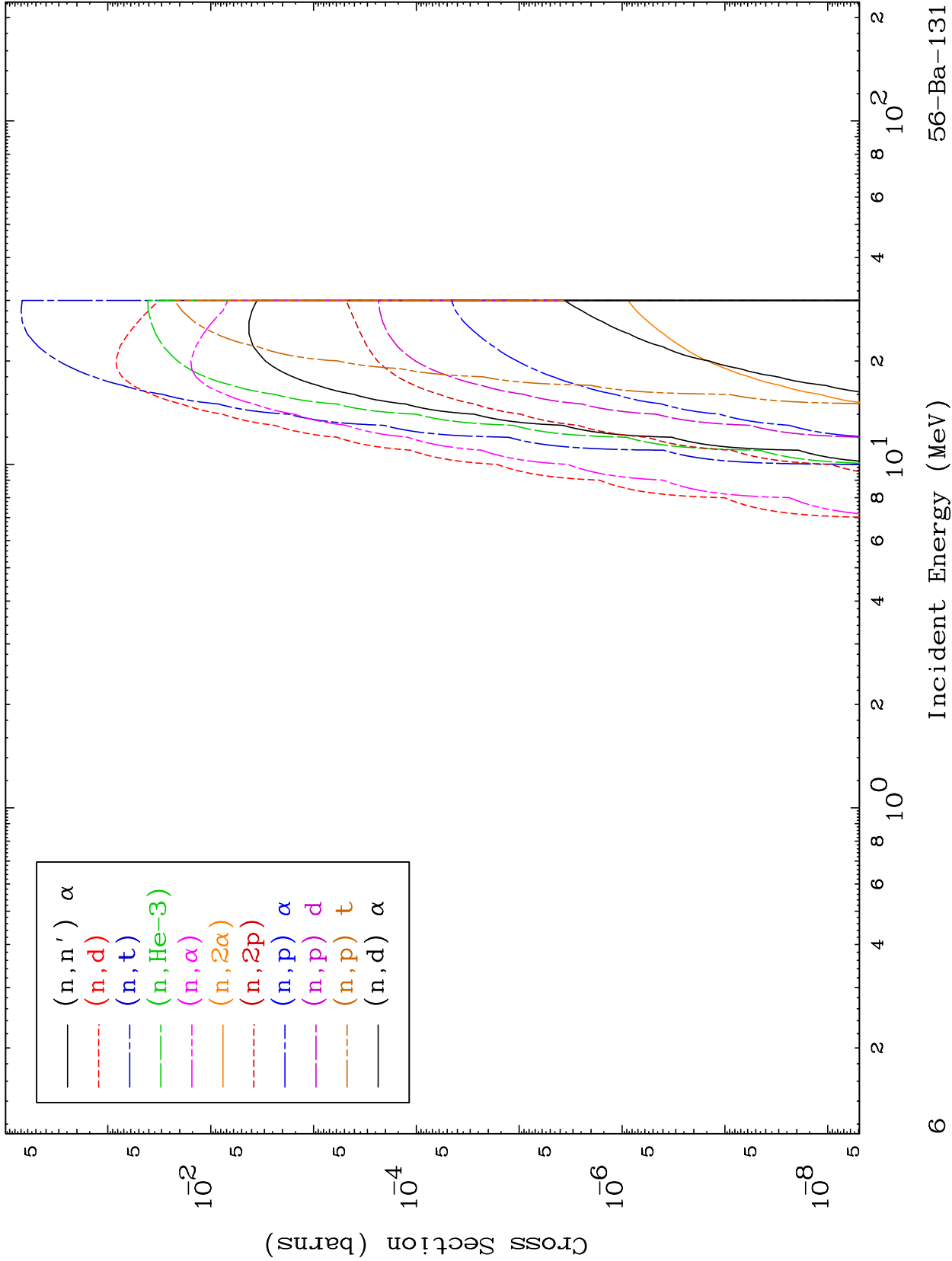
MAT 5628

He-3 Neutron Absorption
0 Kelvin Cross Sections

56-Ba-131



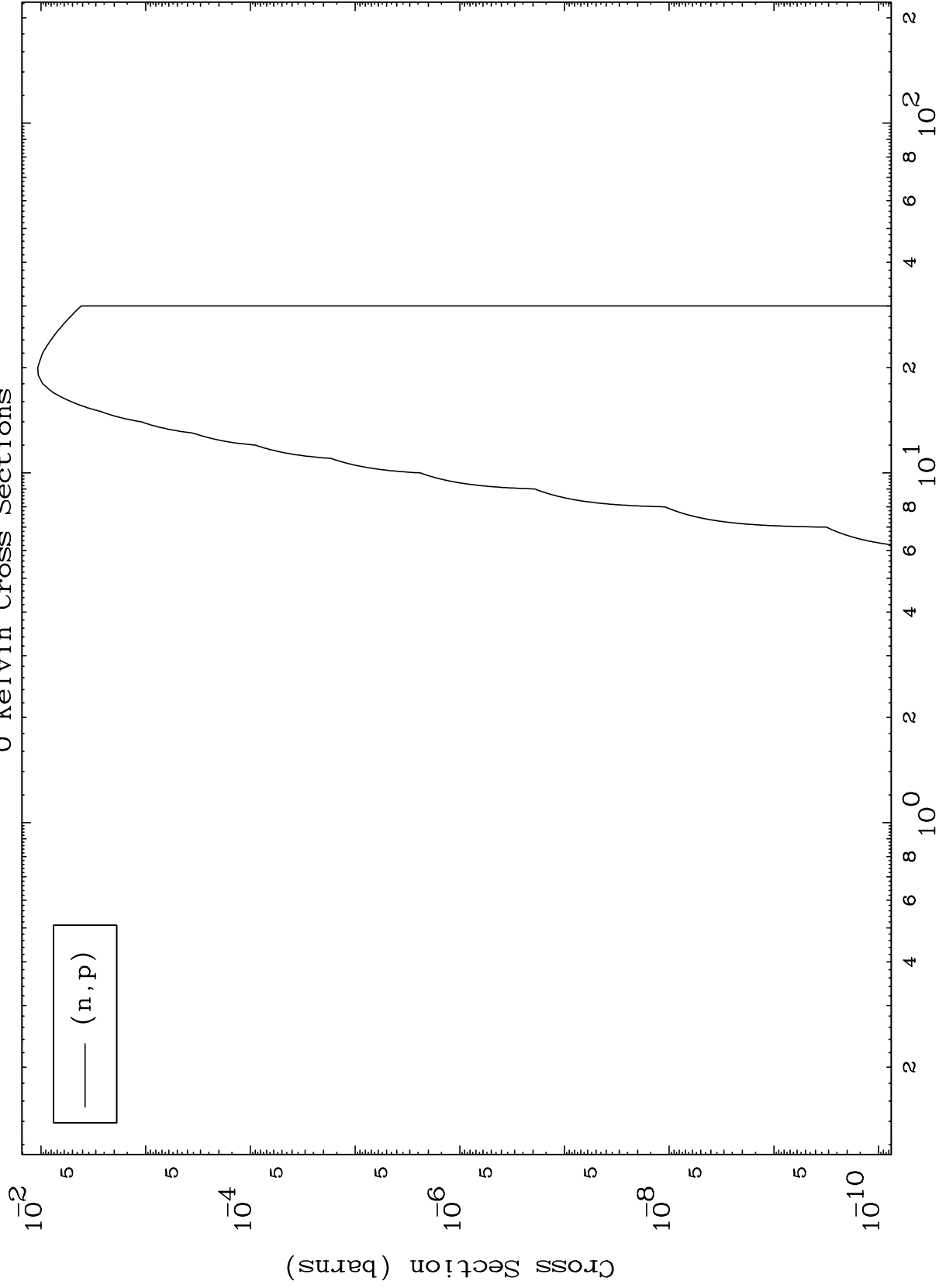




MAT 5628

56-Ba-131

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



(n,p)

56-Ba-131

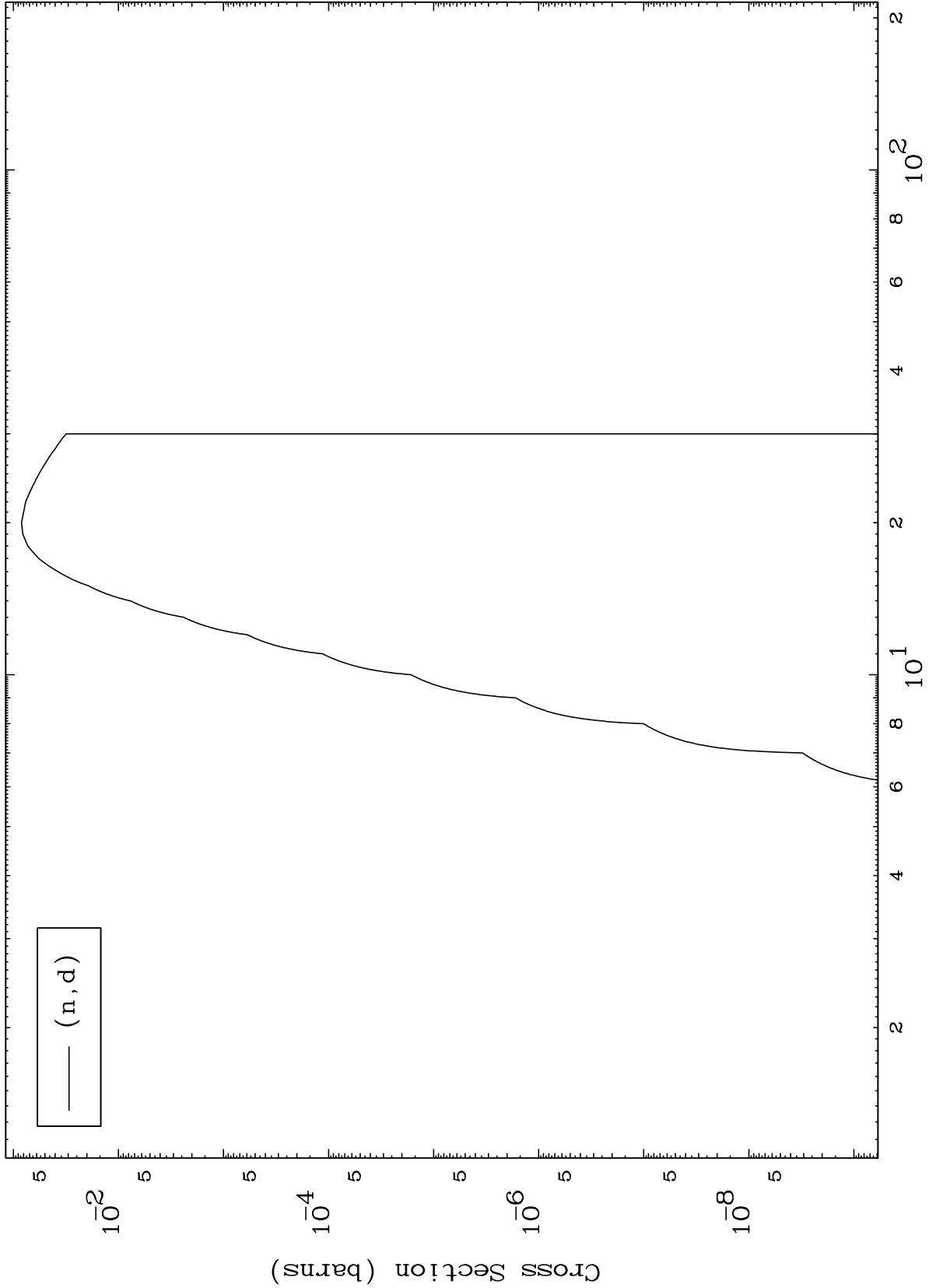
Incident Energy (MeV)

7

MAT 5628

56-Ba-131

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



56-Ba-131

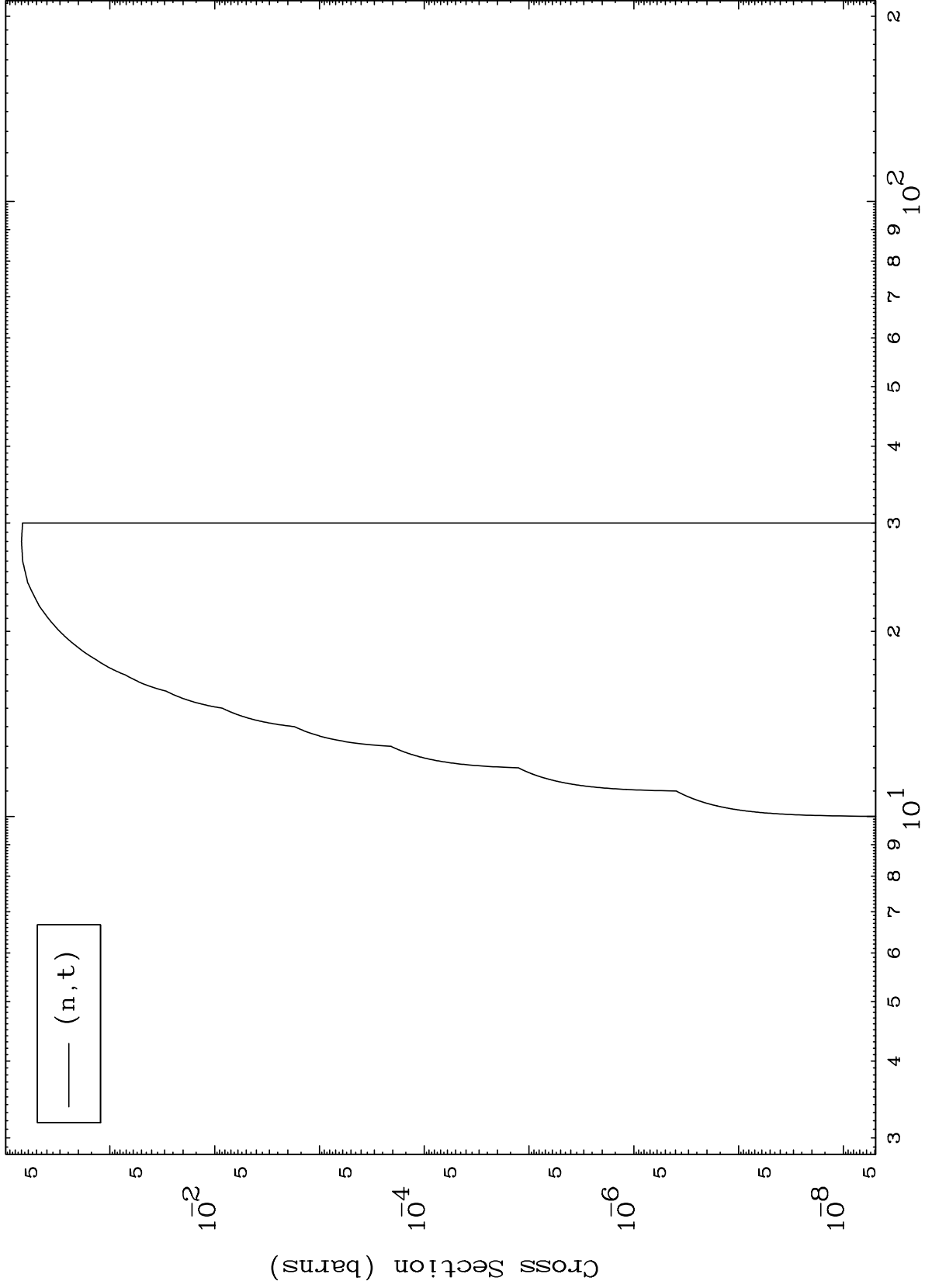
Incident Energy (MeV)

8

MAT 5628

56-Ba-131

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



9

Incident Energy (MeV)

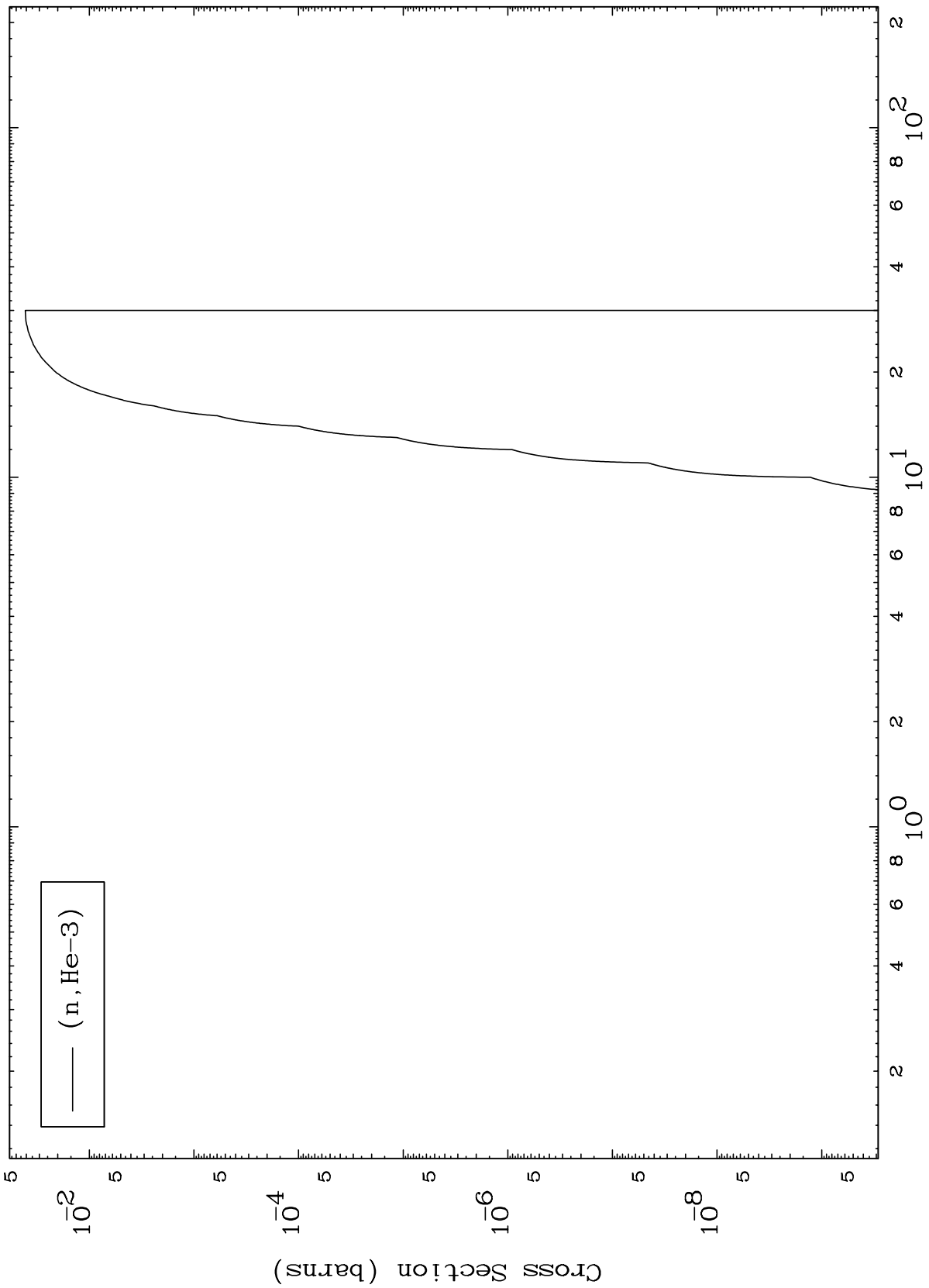
56-Ba-131

MAT 5628

(He-3, He3) Levels

56-Ba-131

0 Kelvin Cross Sections



10

Incident Energy (MeV)

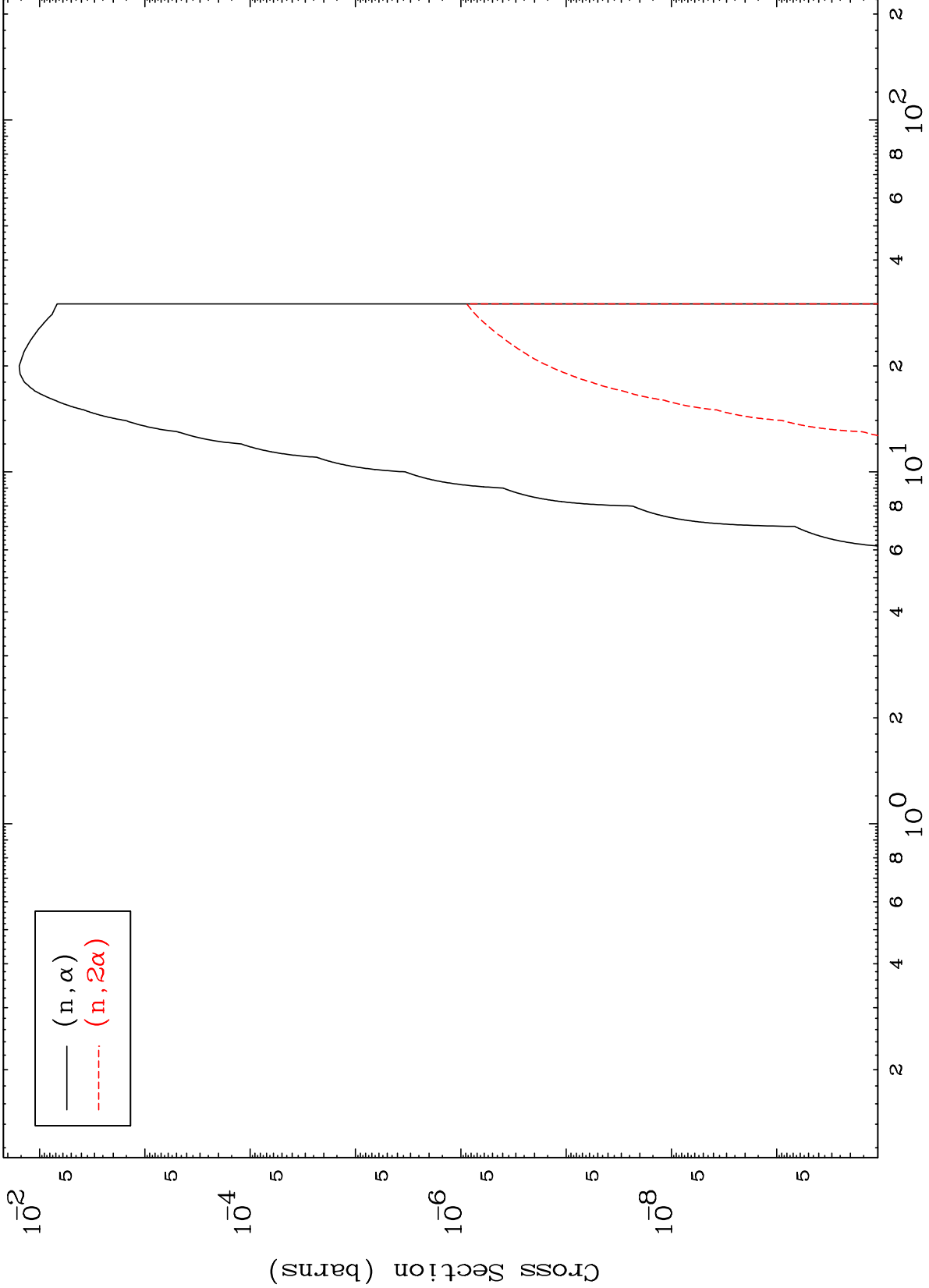
56-Ba-131

MAT 5628

(He-3, α) Levels

56-Ba-131

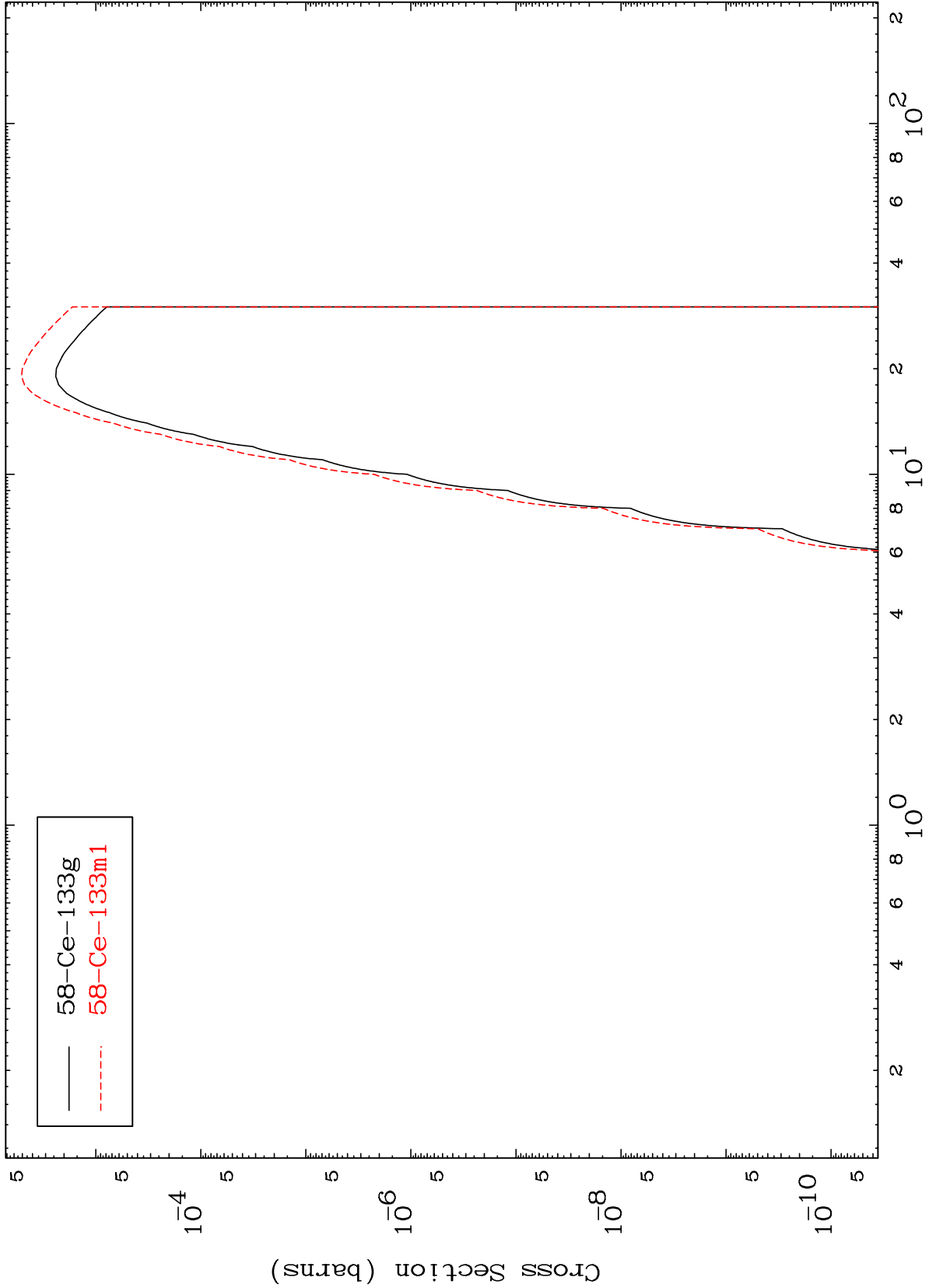
0 Kelvin Cross Sections



MAT 5628

56-Ba-131

Inelastic
Radionuclide Production Cross Section



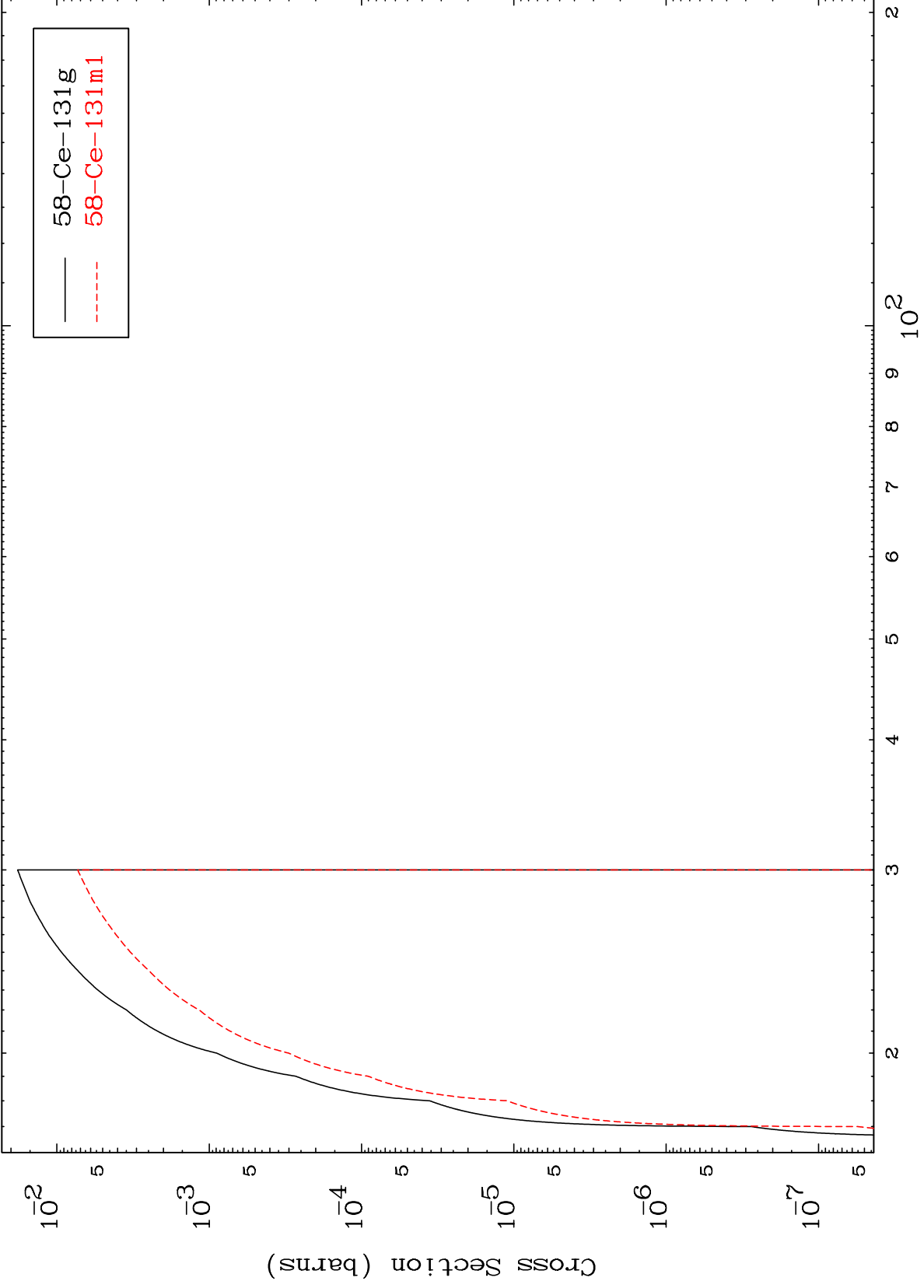
58-Ce-133g
58-Ce-133m1

56-Ba-131

Incident Energy (MeV)

12

(n,3n)
Radionuclide Production Cross Section

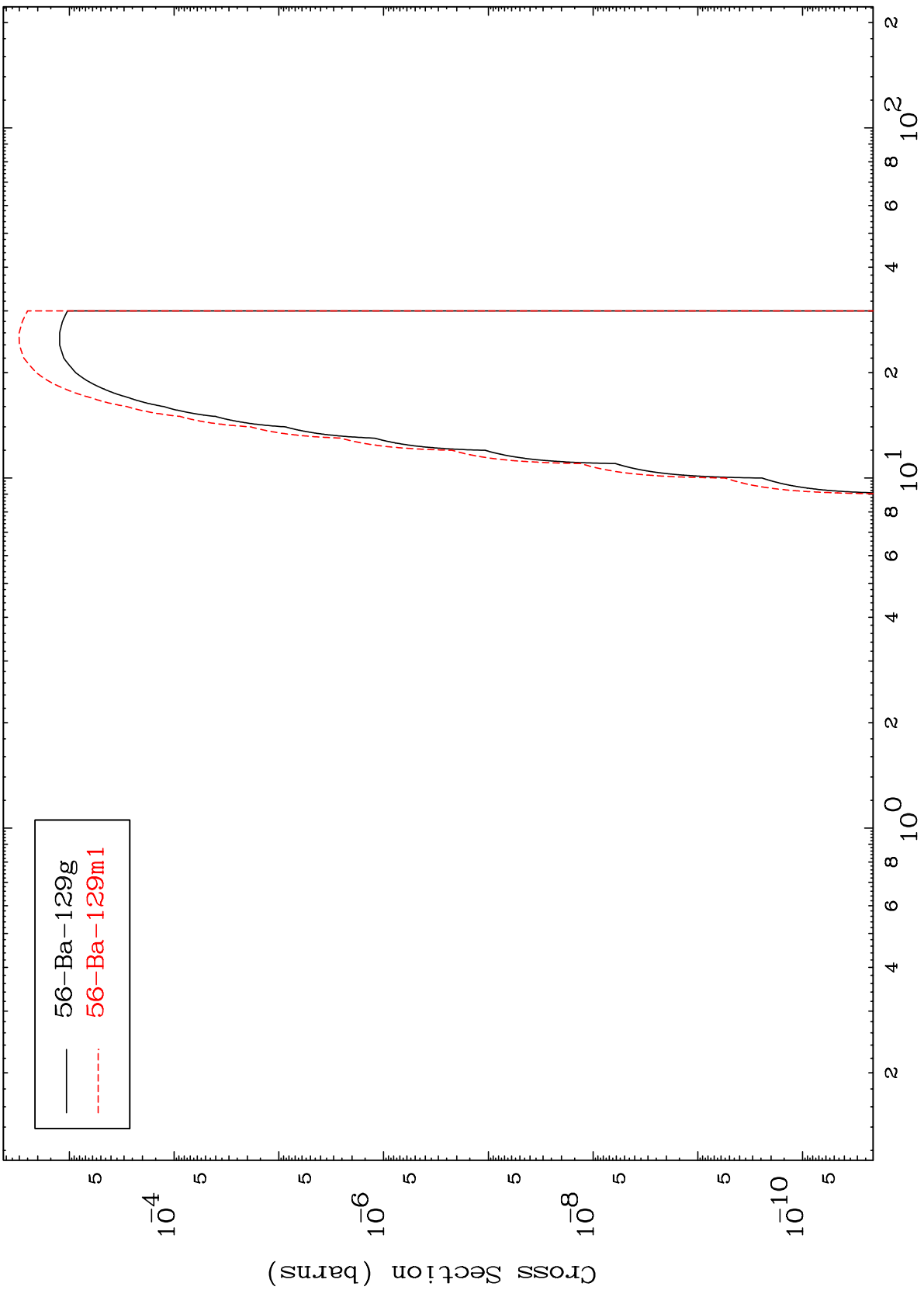


MAT 5628

$(n, n') \alpha$

56-Ba-131

Radionuclide Production Cross Section

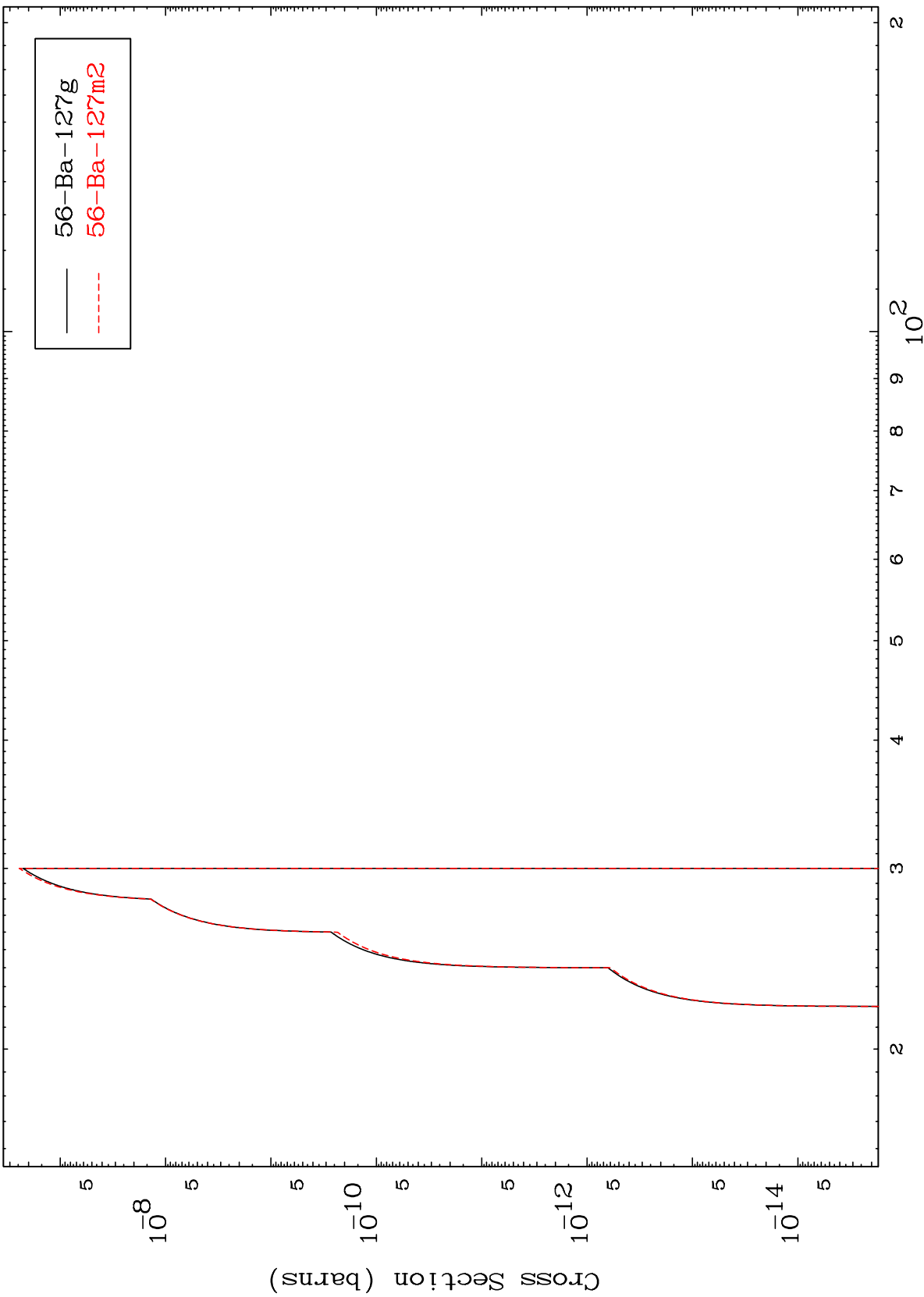


MAT 5628

(n,3n) α

56-Ba-131

Radionuclide Production Cross Section



15

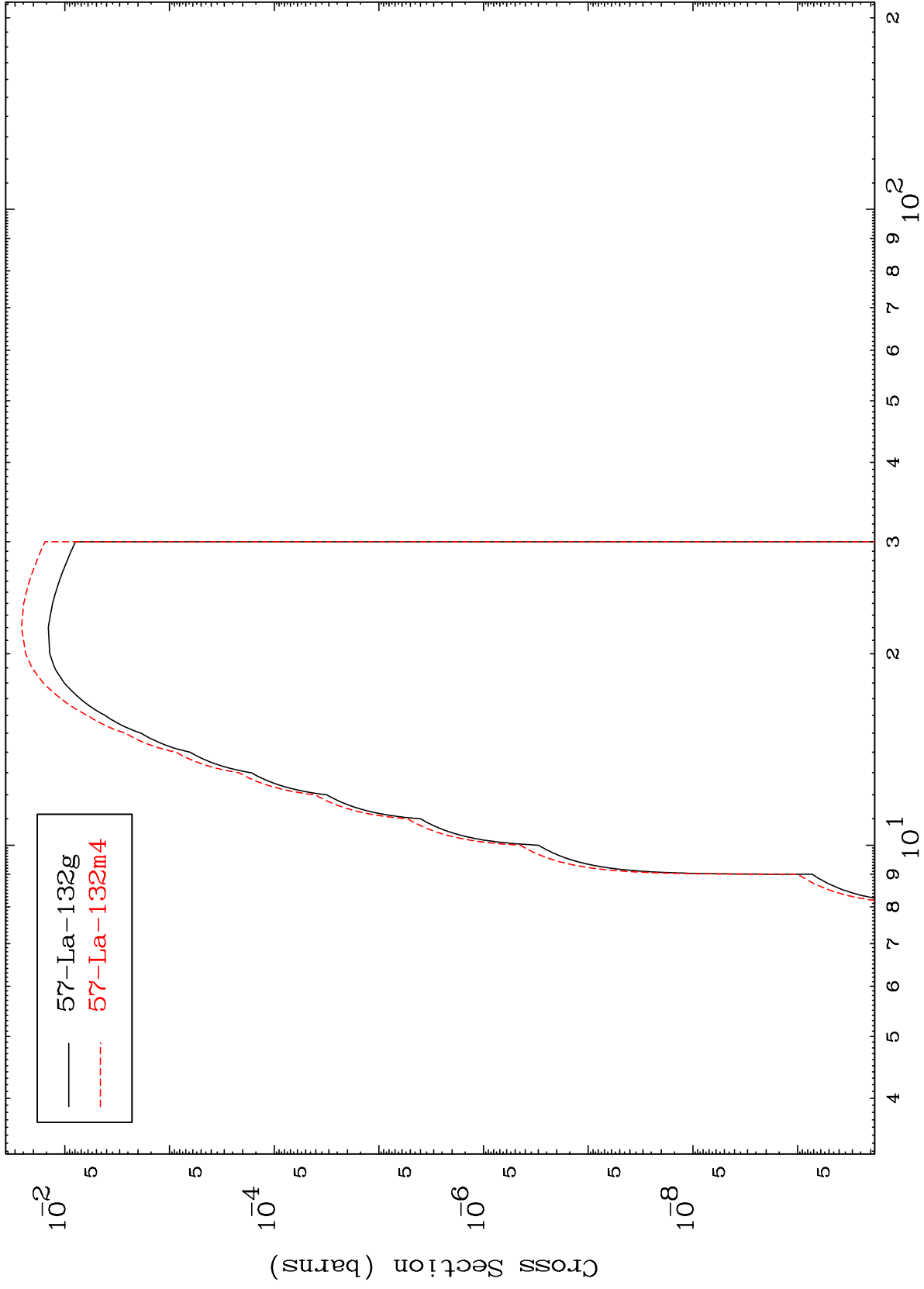
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

(n,n') p
Radionuclide Production Cross Section



56-Ba-131

Incident Energy (MeV)

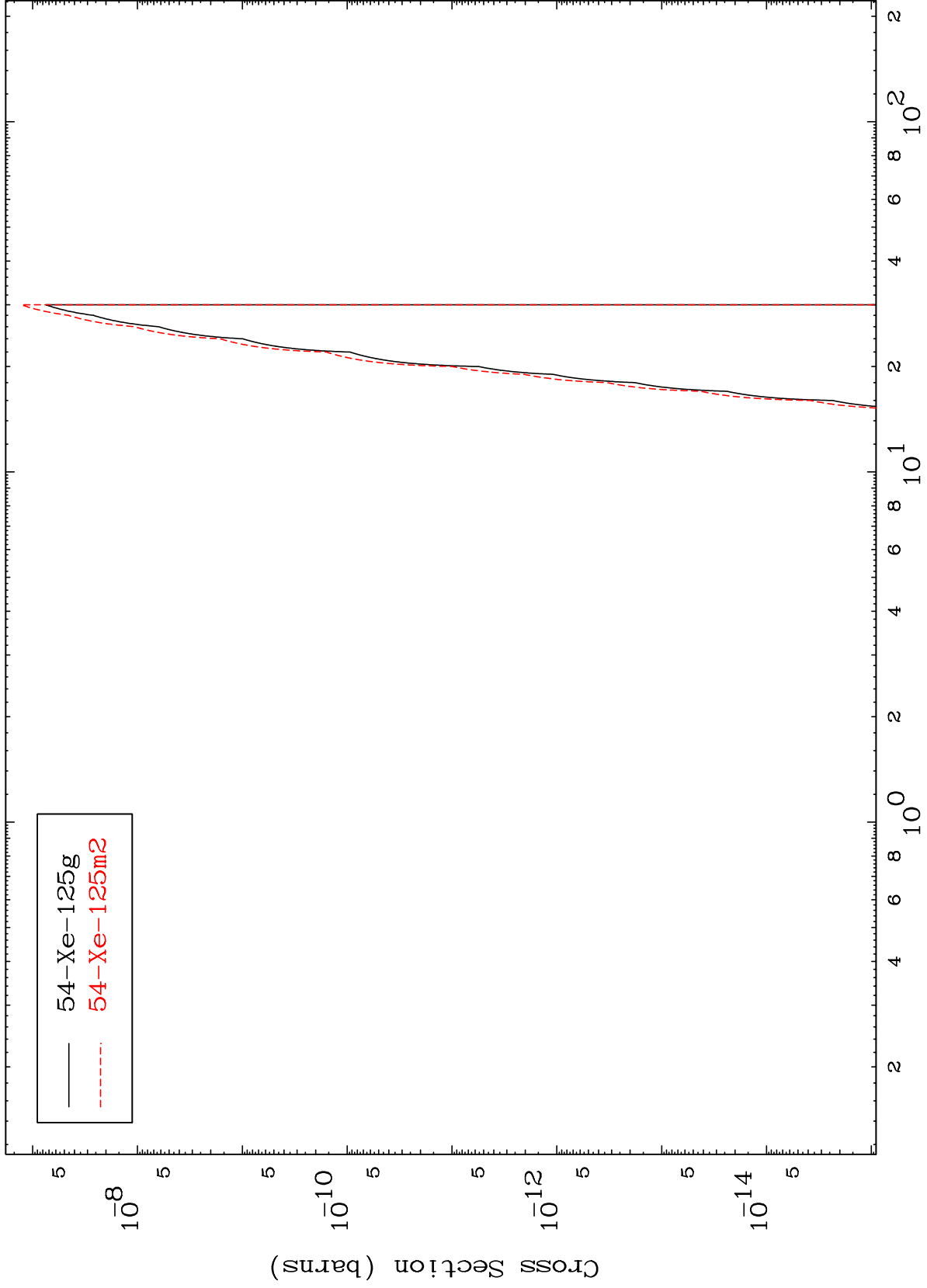
16

MAT 5628

(n,n') 2 α

56-Ba-131

Radionuclide Production Cross Section

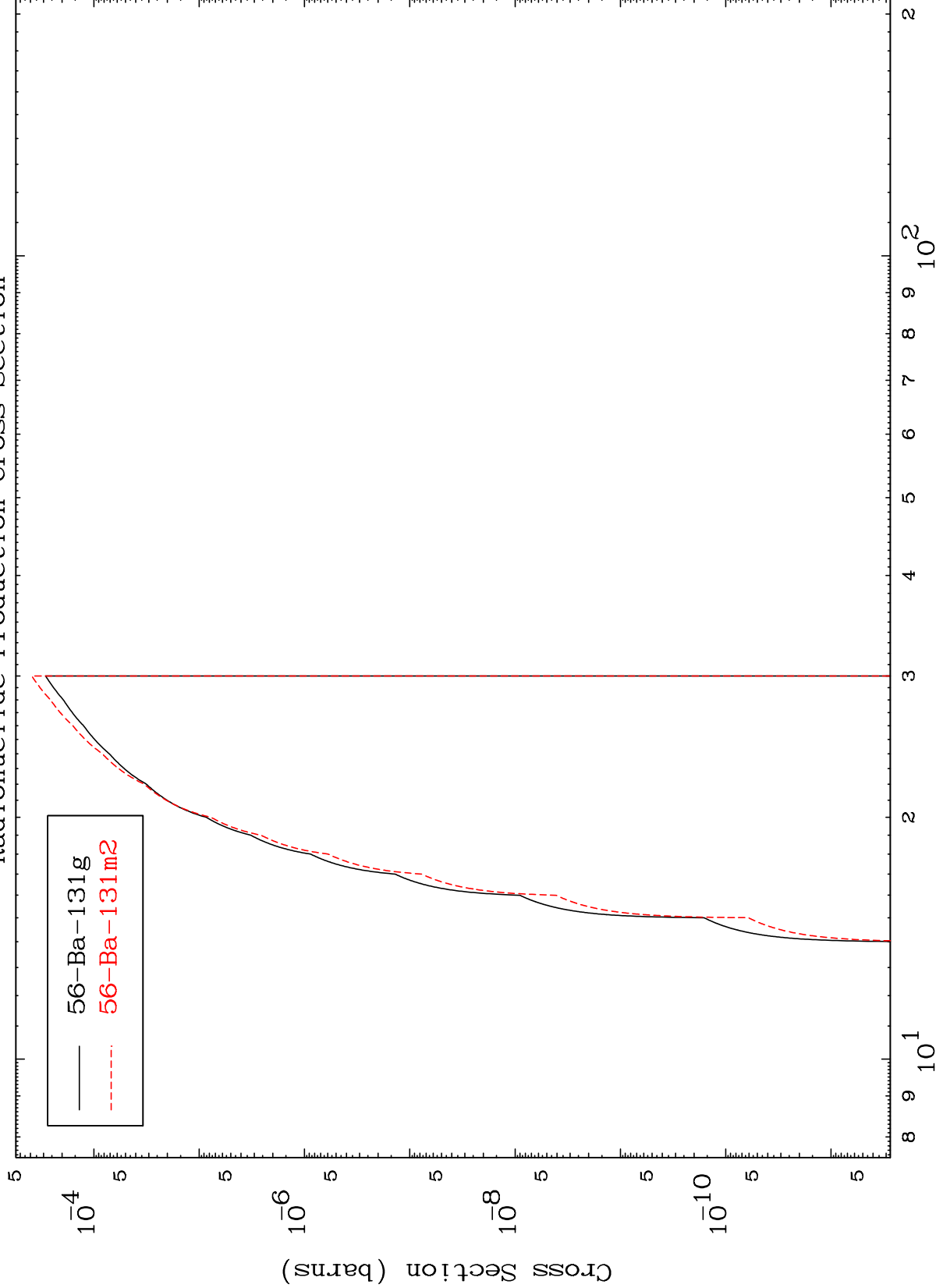


MAT 5628

(n,2n) p

56-Ba-131

Radionuclide Production Cross Section



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

18

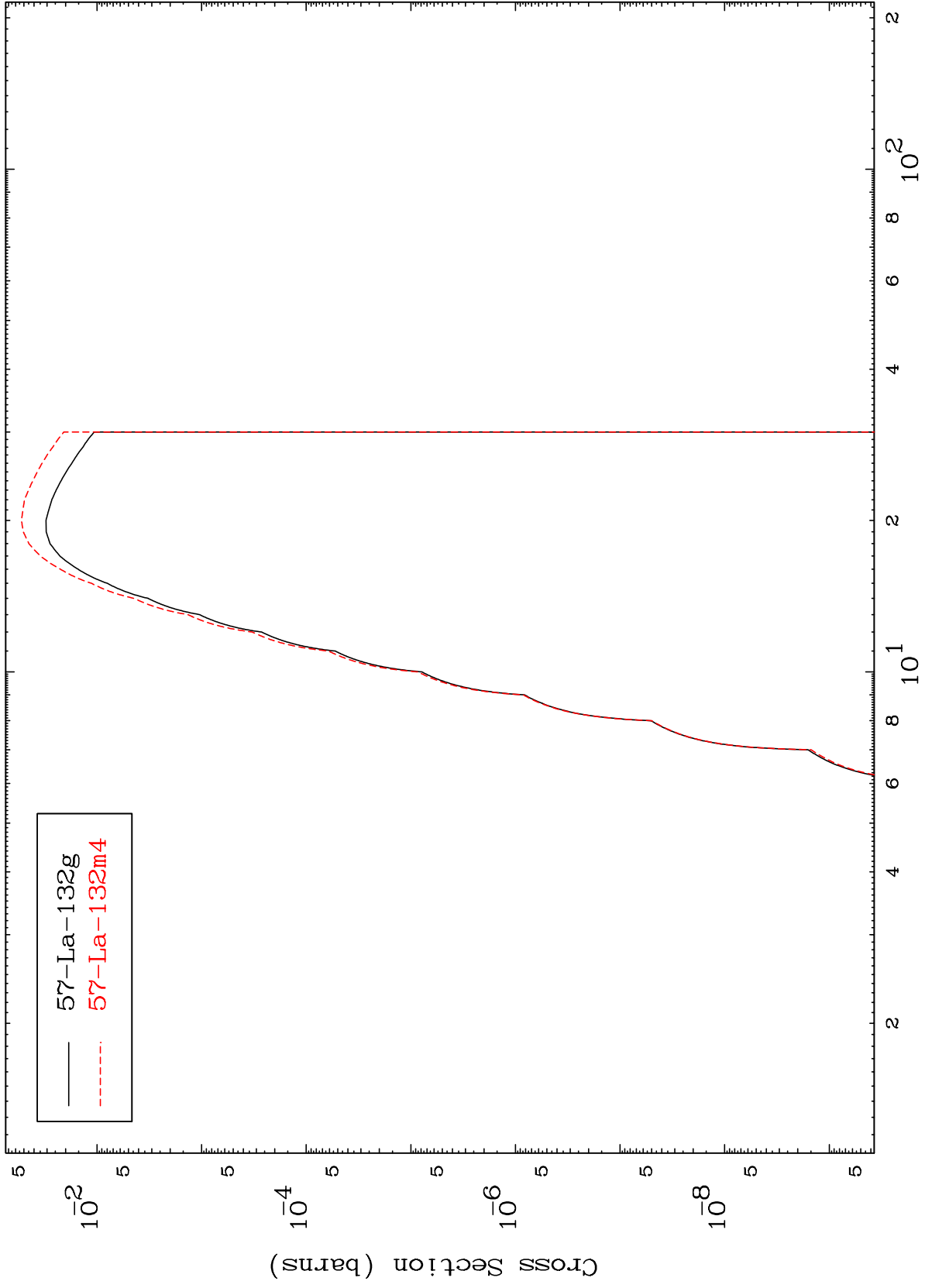
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

(n,d)
Radionuclide Production Cross Section



19

56-Ba-131

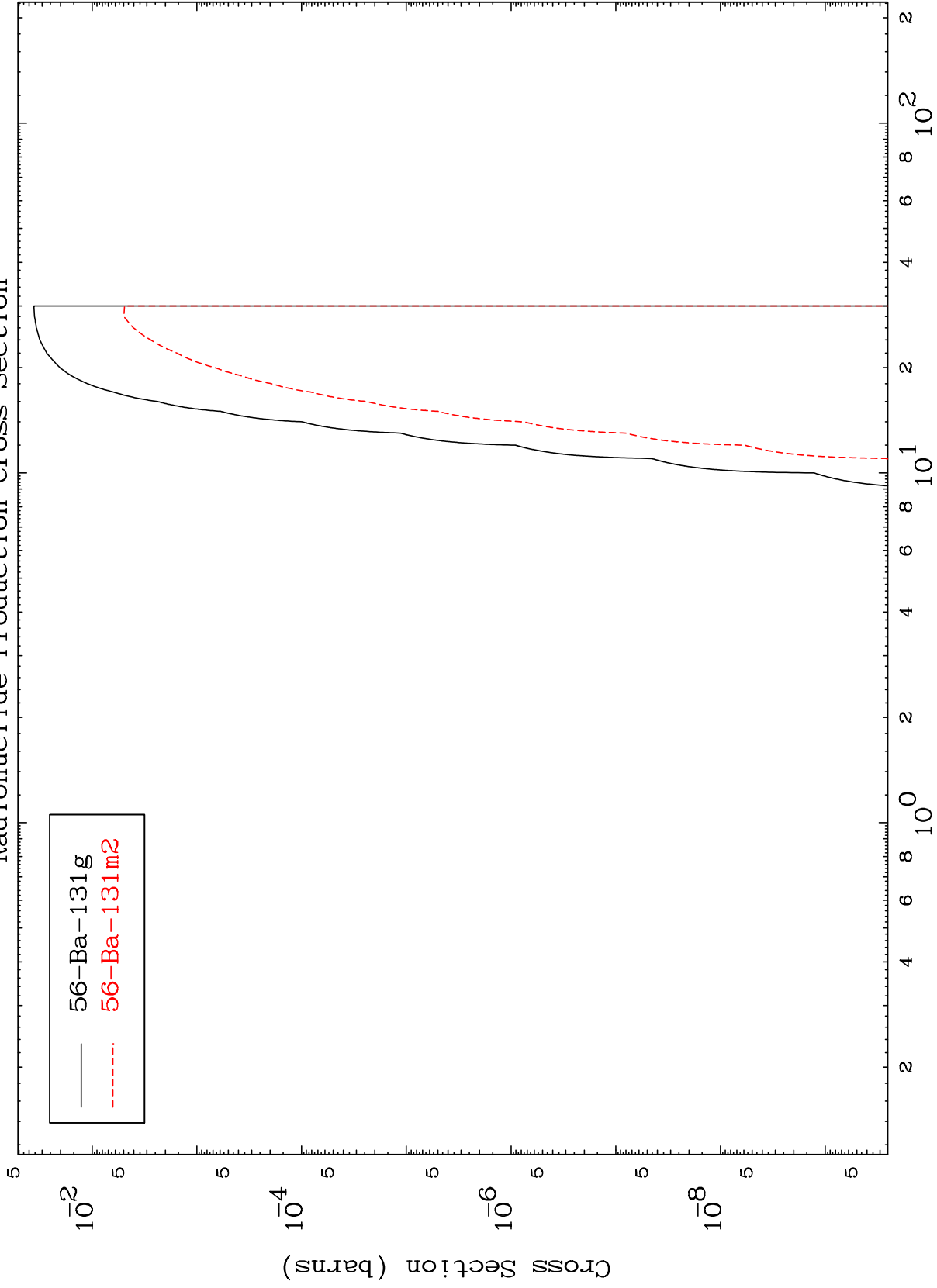
Incident Energy (MeV)

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

