

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

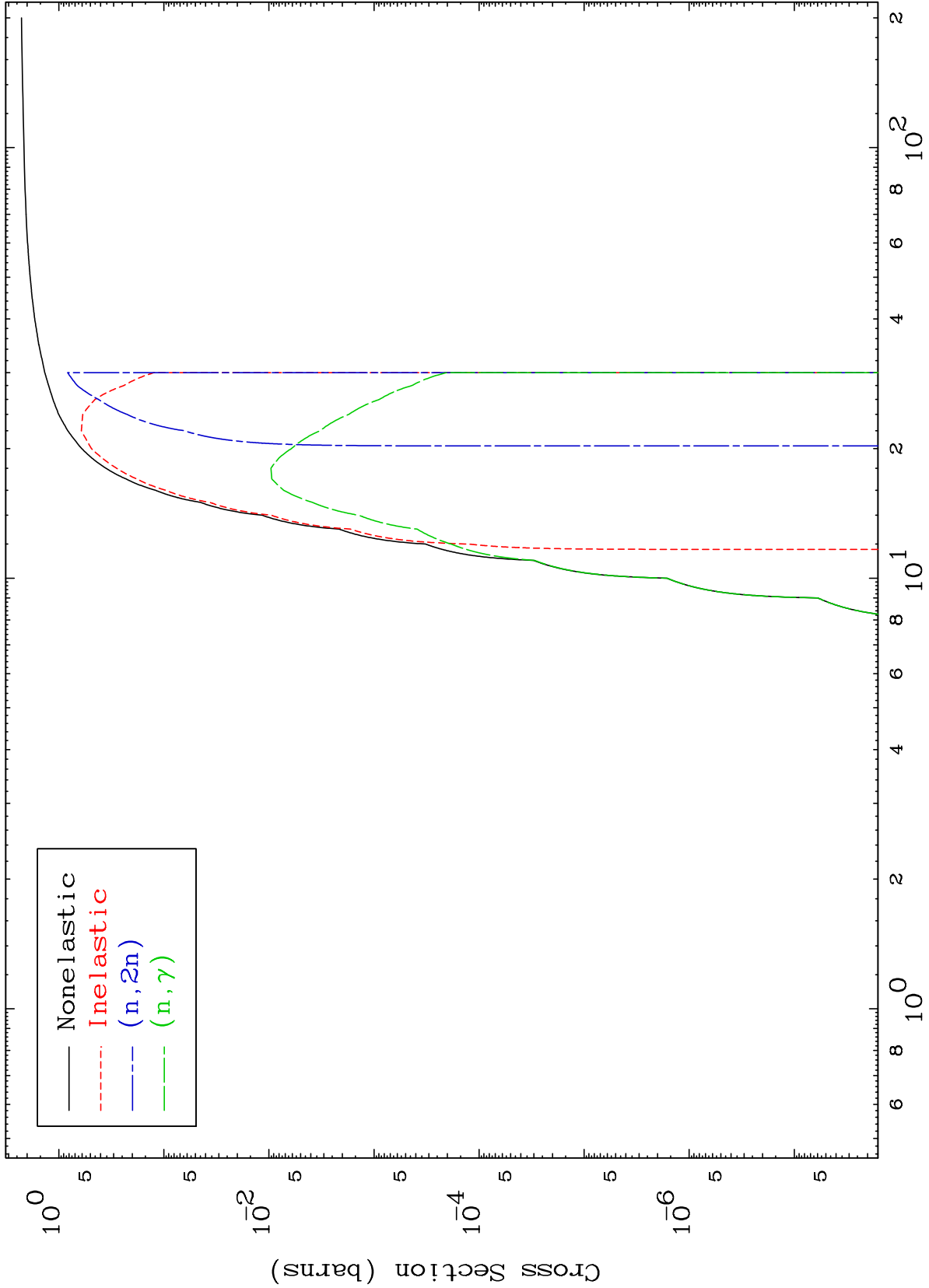
Press Mouse Button to Start

MAT 5619

α Major

56-Ba-128

0 Kelvin Cross Sections



1

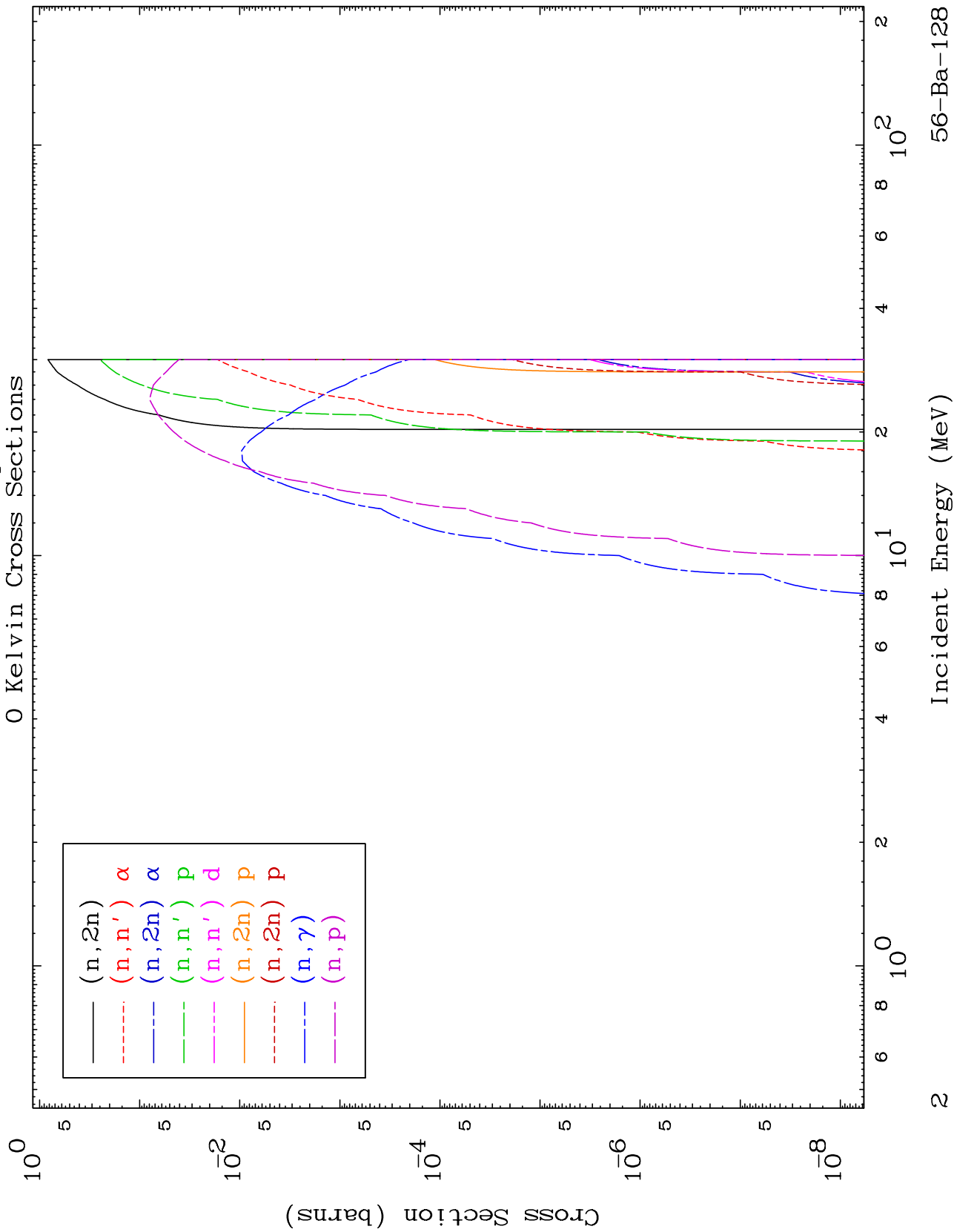
Incident Energy (MeV)

56-Ba-128

MAT 5619

α Neutron Absorption

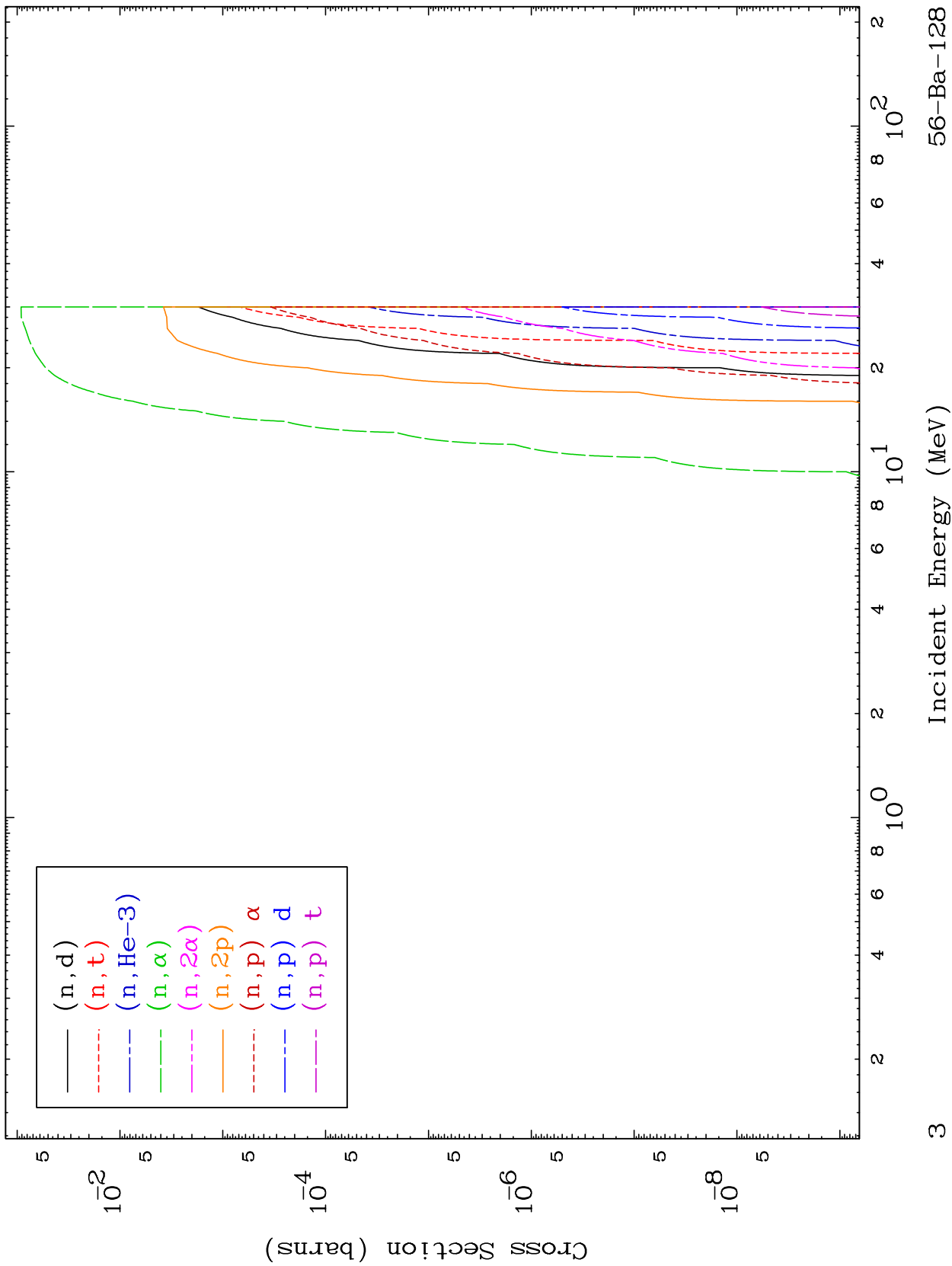
56-Ba-128



MAT 5619

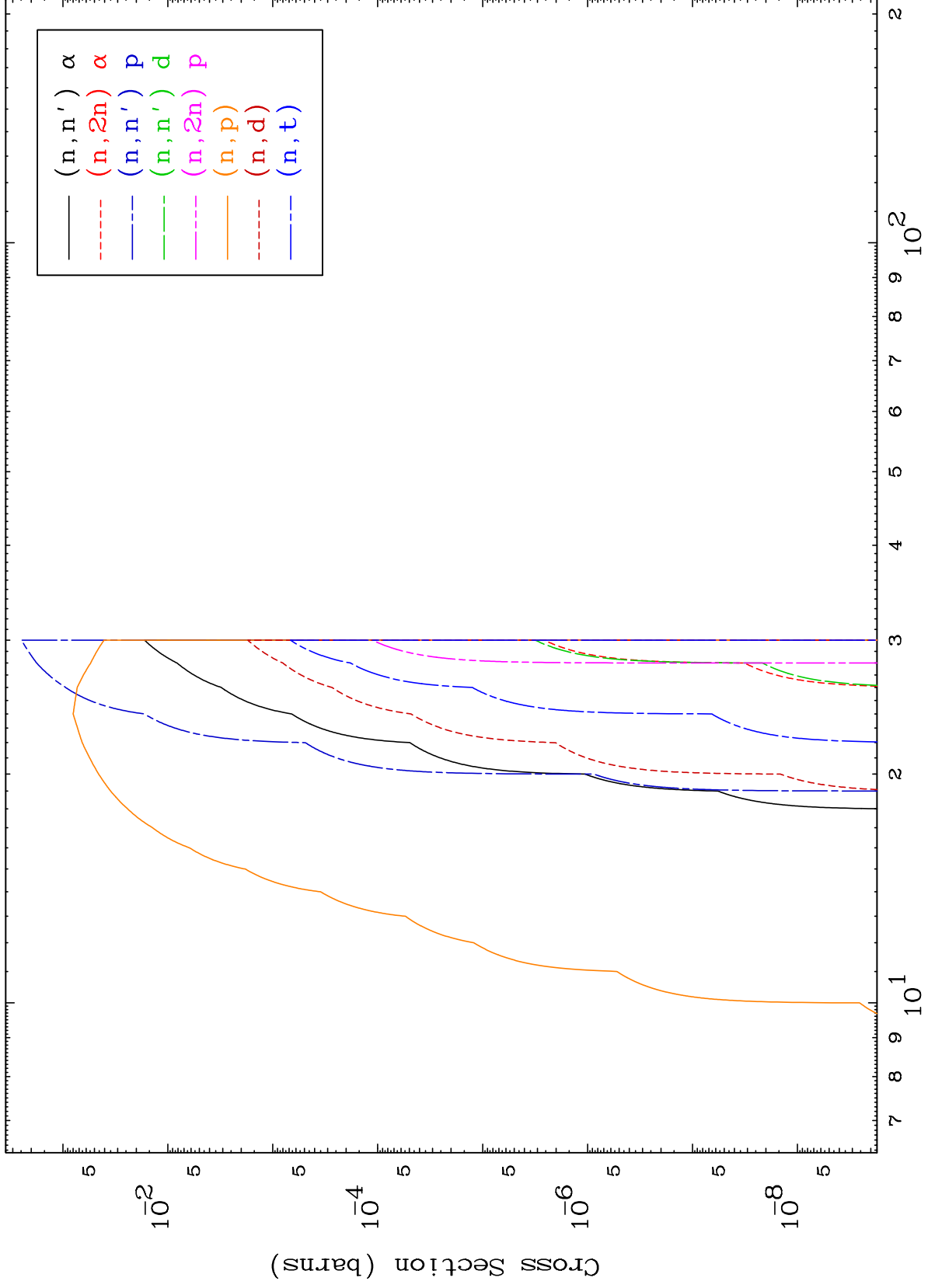
α Neutron Absorption
0 Kelvin Cross Sections

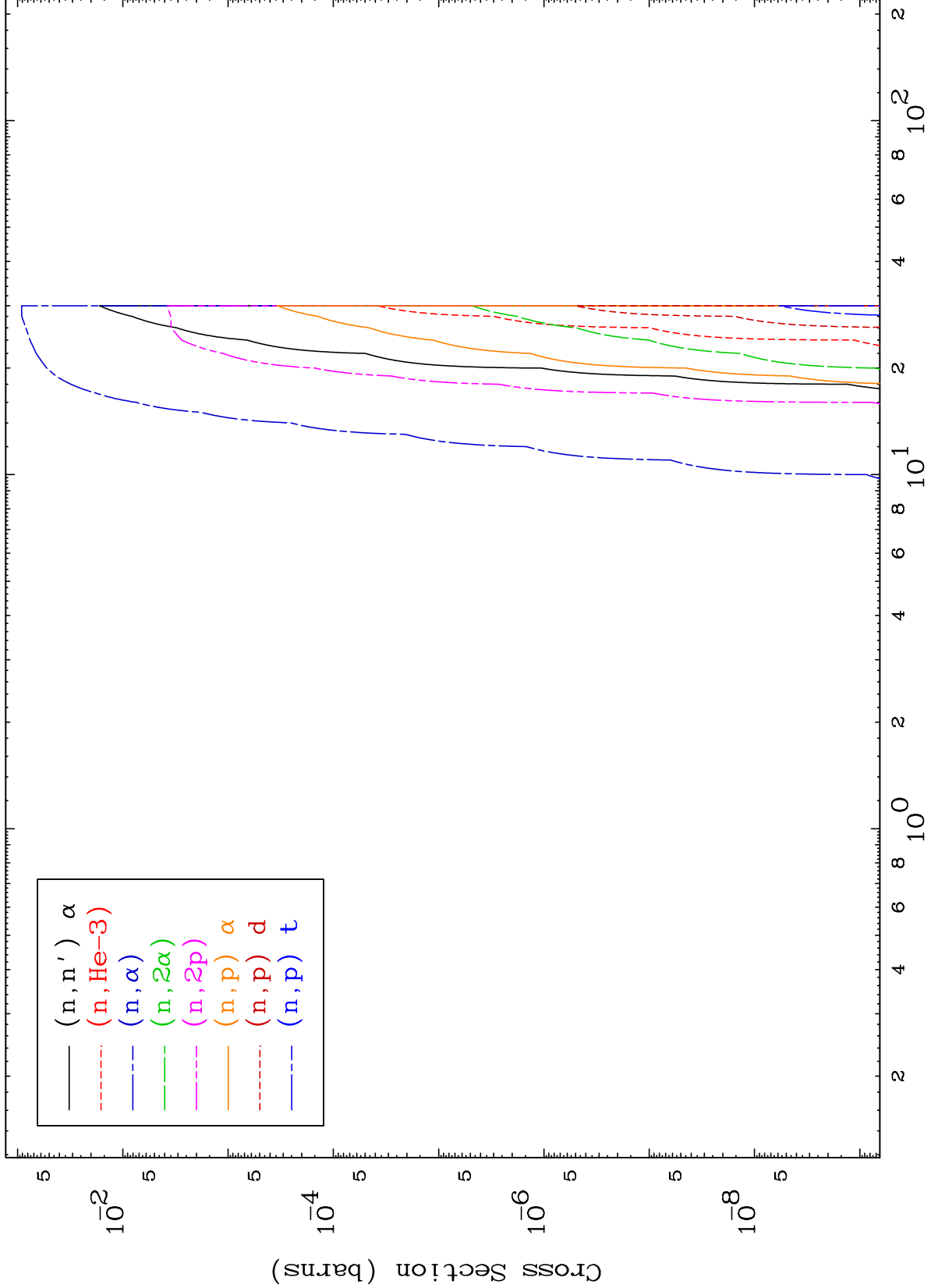
56-Ba-128



3

56-Ba-128



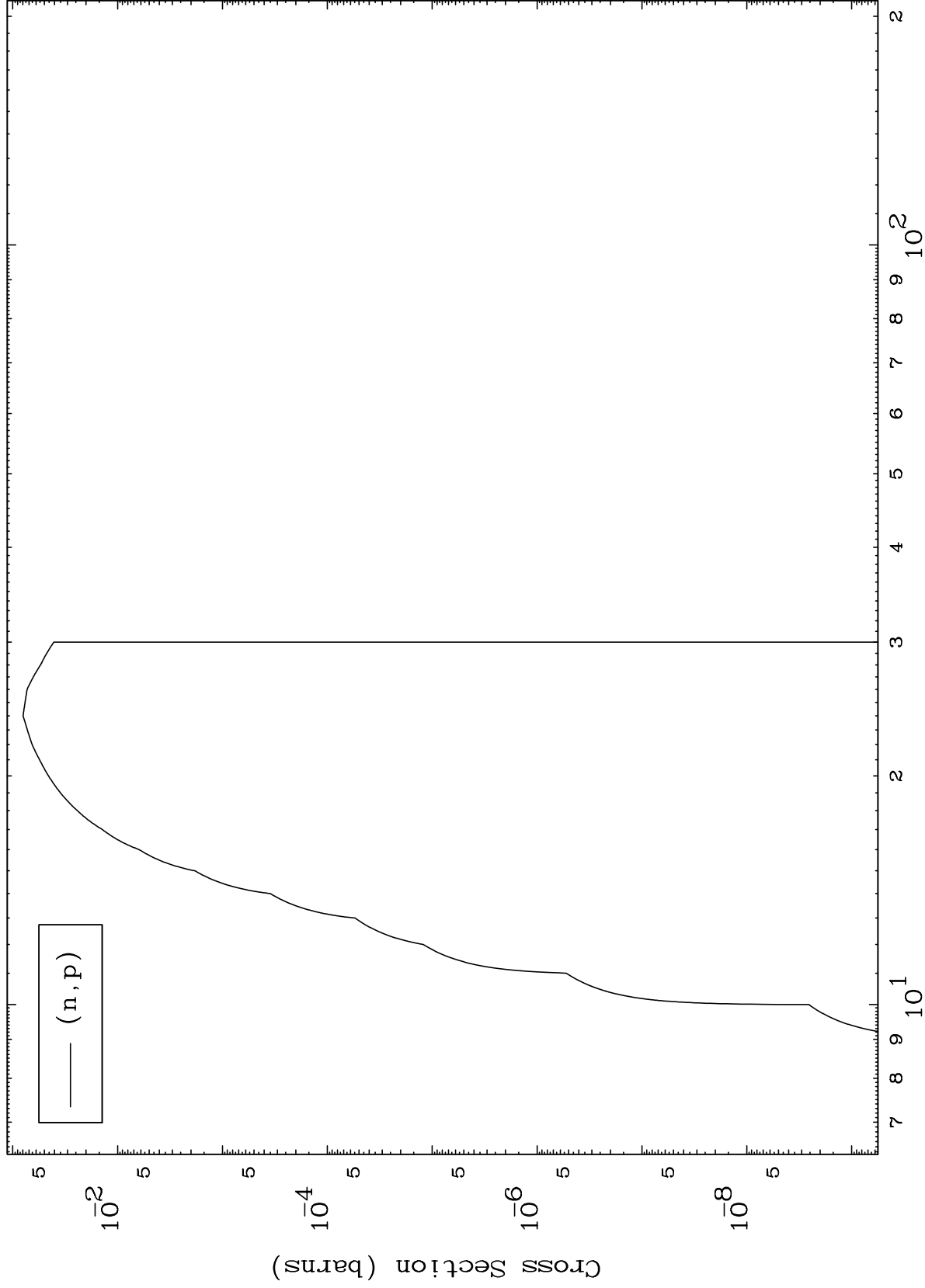


MAT 5619

(α, p) Levels

56-Ba-128

0 Kelvin Cross Sections



6

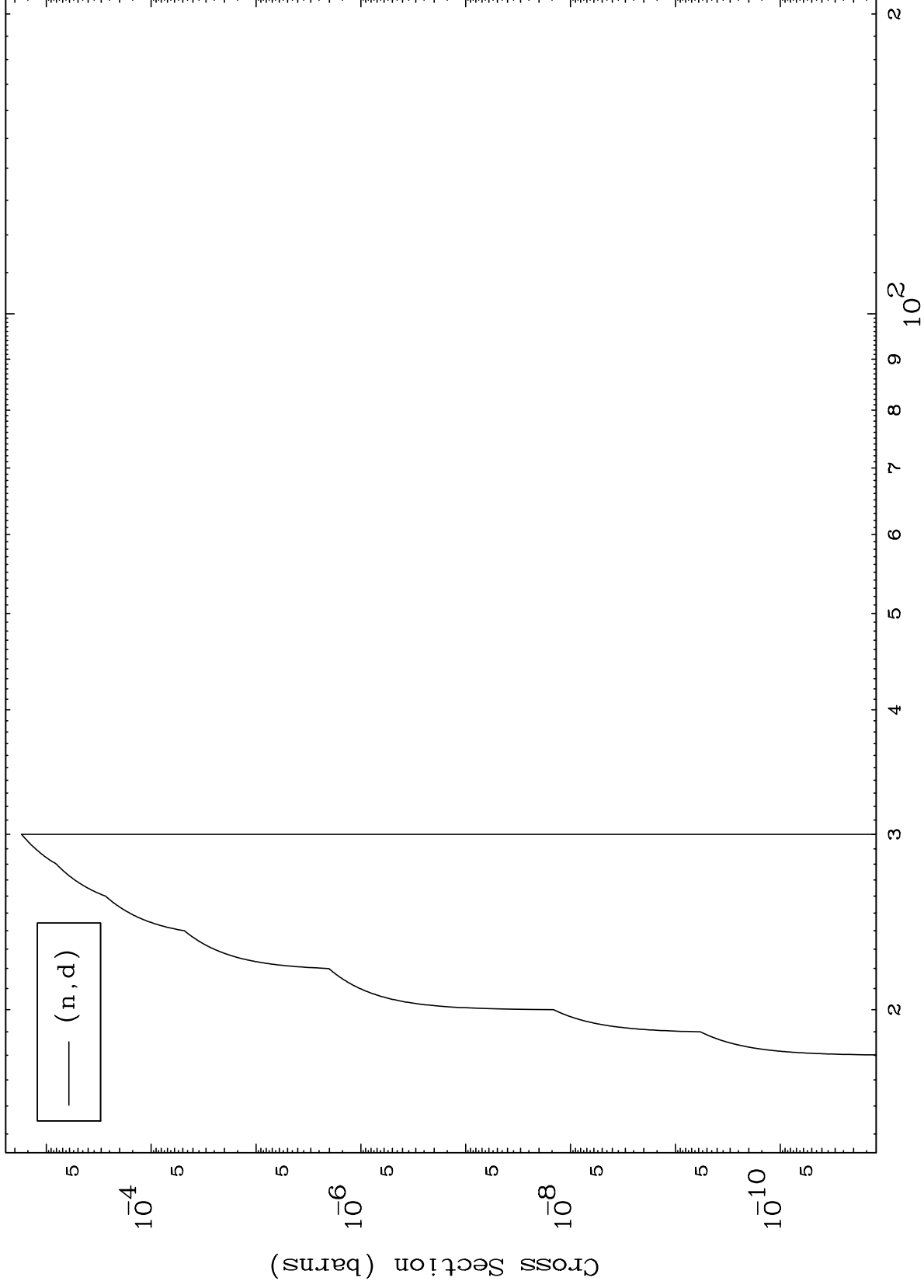
Incident Energy (MeV)

56-Ba-128

MAT 5619

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-128



7

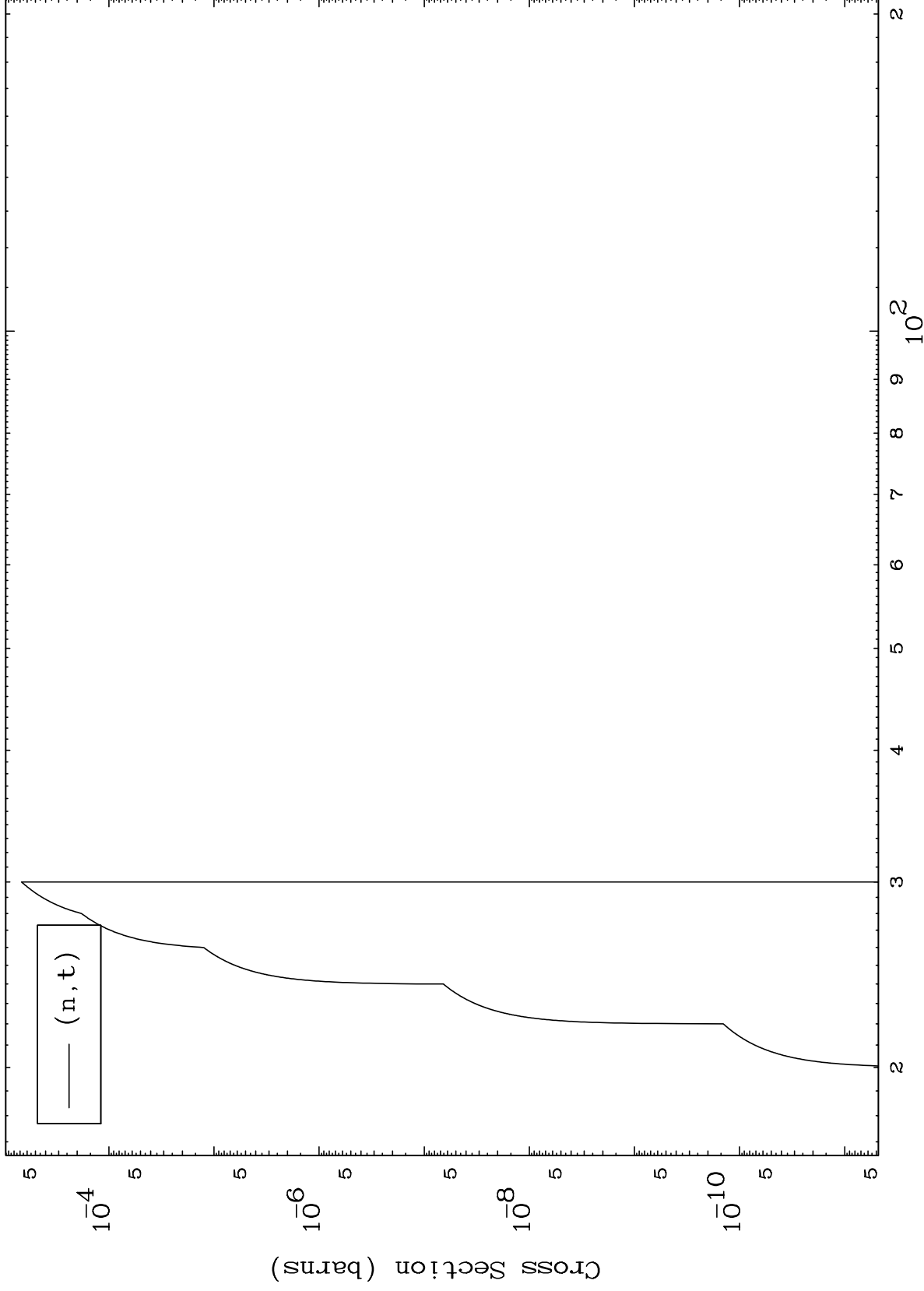
Incident Energy (MeV)

56-Ba-128

MAT 5619

(α, t) Levels
0 Kelvin Cross Sections

56-Ba-128



8

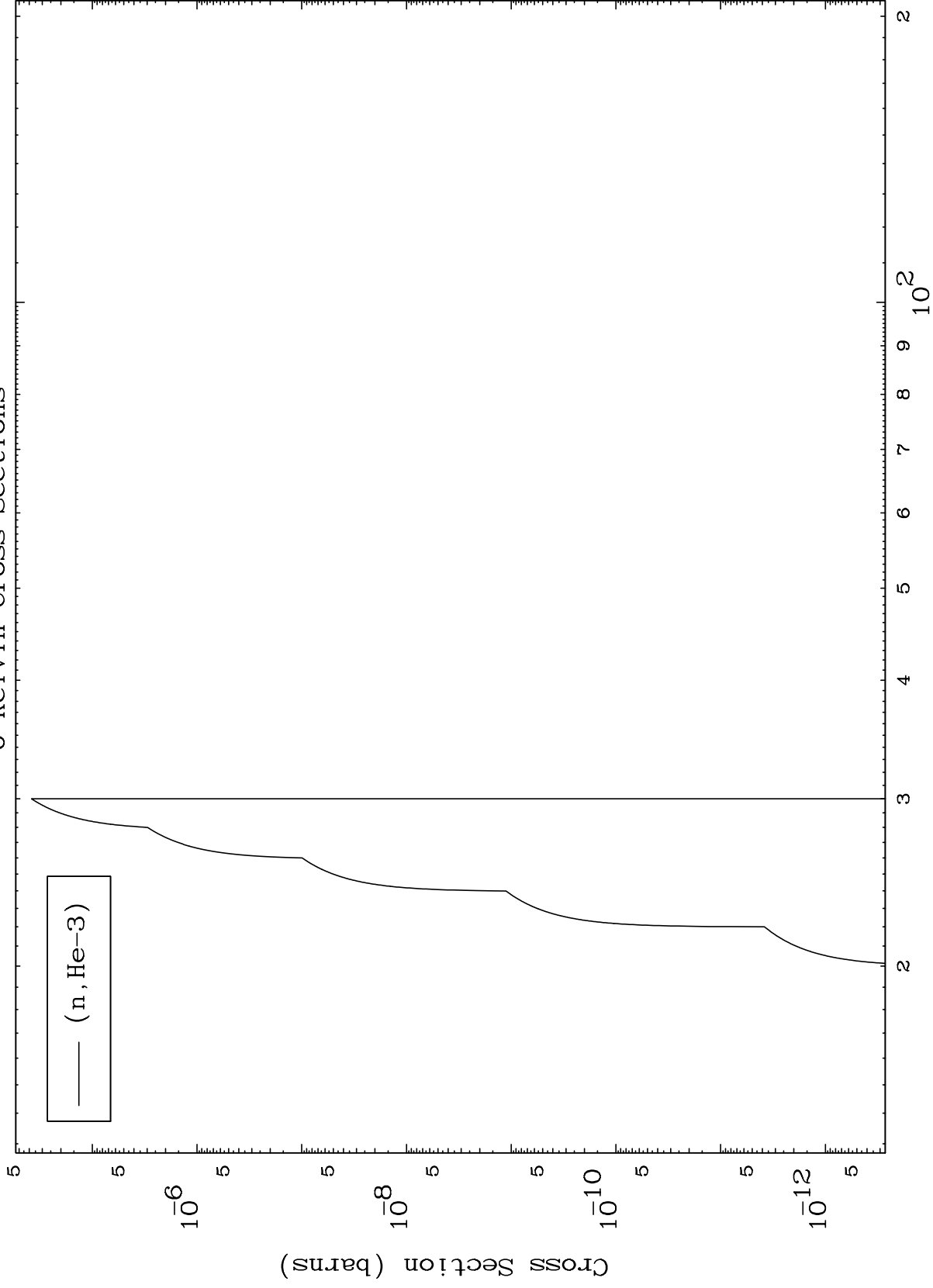
Incident Energy (MeV)

56-Ba-128

MAT 5619

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

56-Ba-128



9

Incident Energy (MeV)

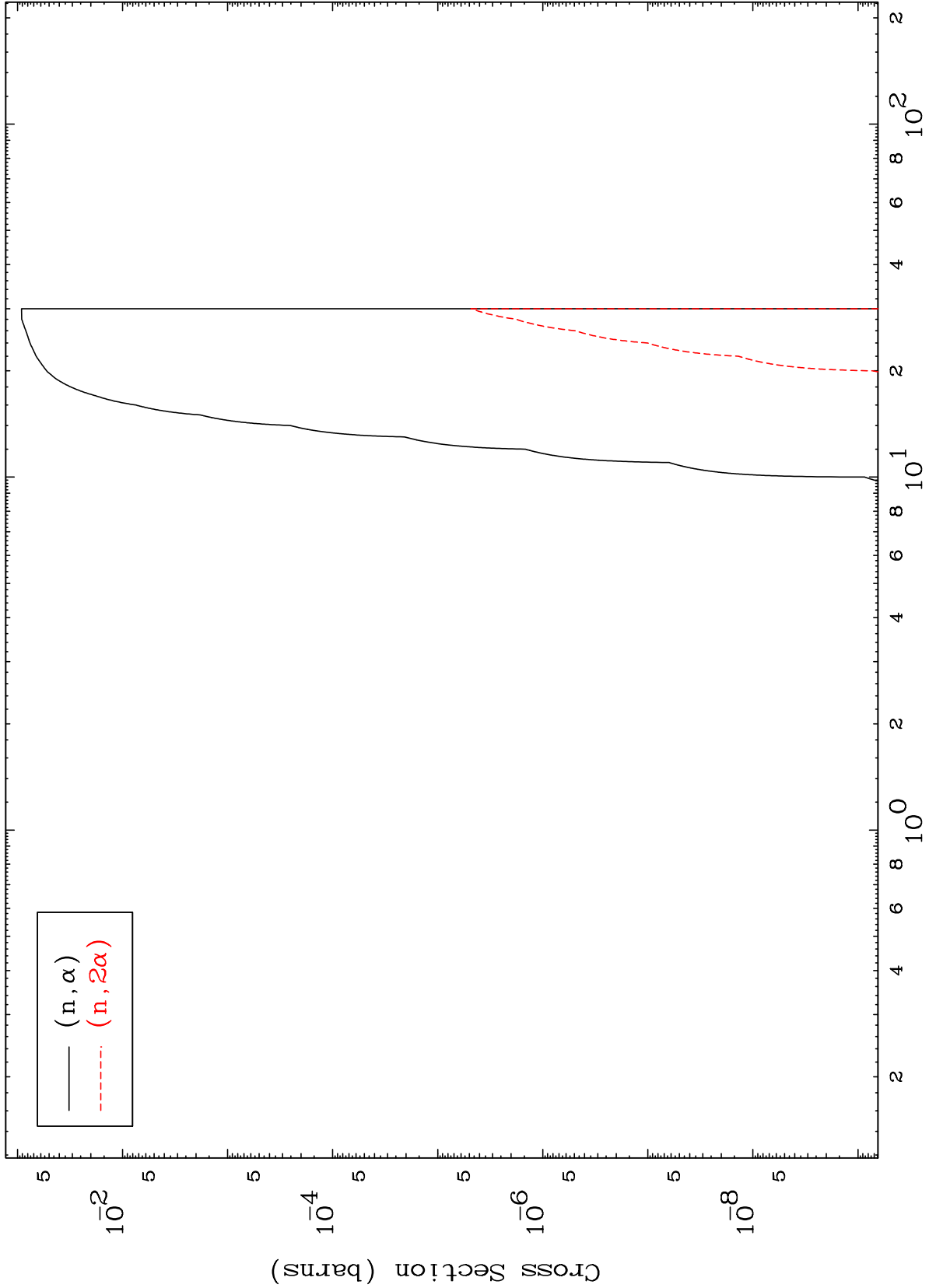
56-Ba-128

MAT 5619

(α, α) Levels

56-Ba-128

0 Kelvin Cross Sections



10

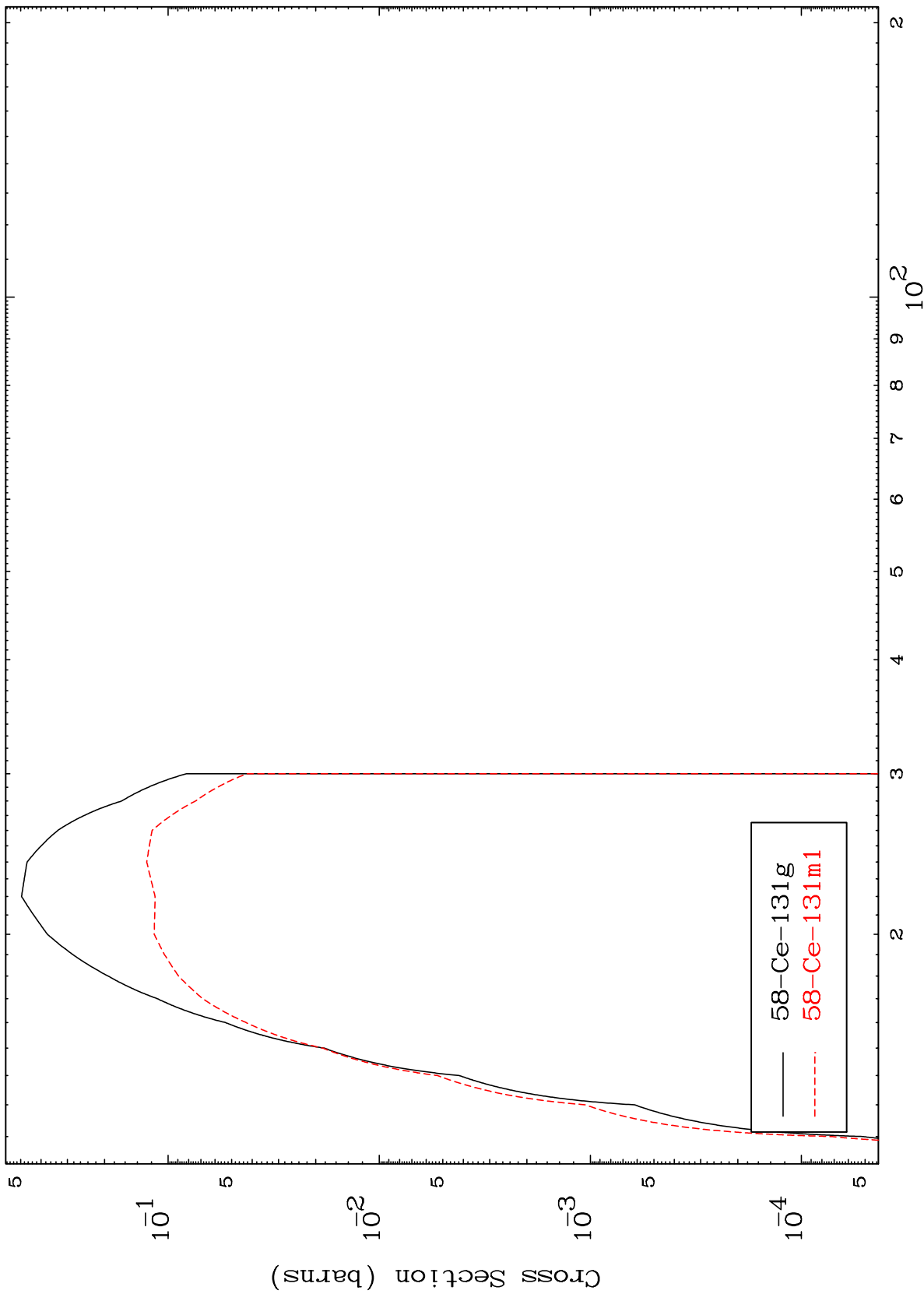
Incident Energy (MeV)

56-Ba-128

MAT 5619

56-Ba-128

Inelastic
Radionuclide Production Cross Section



56-Ba-128

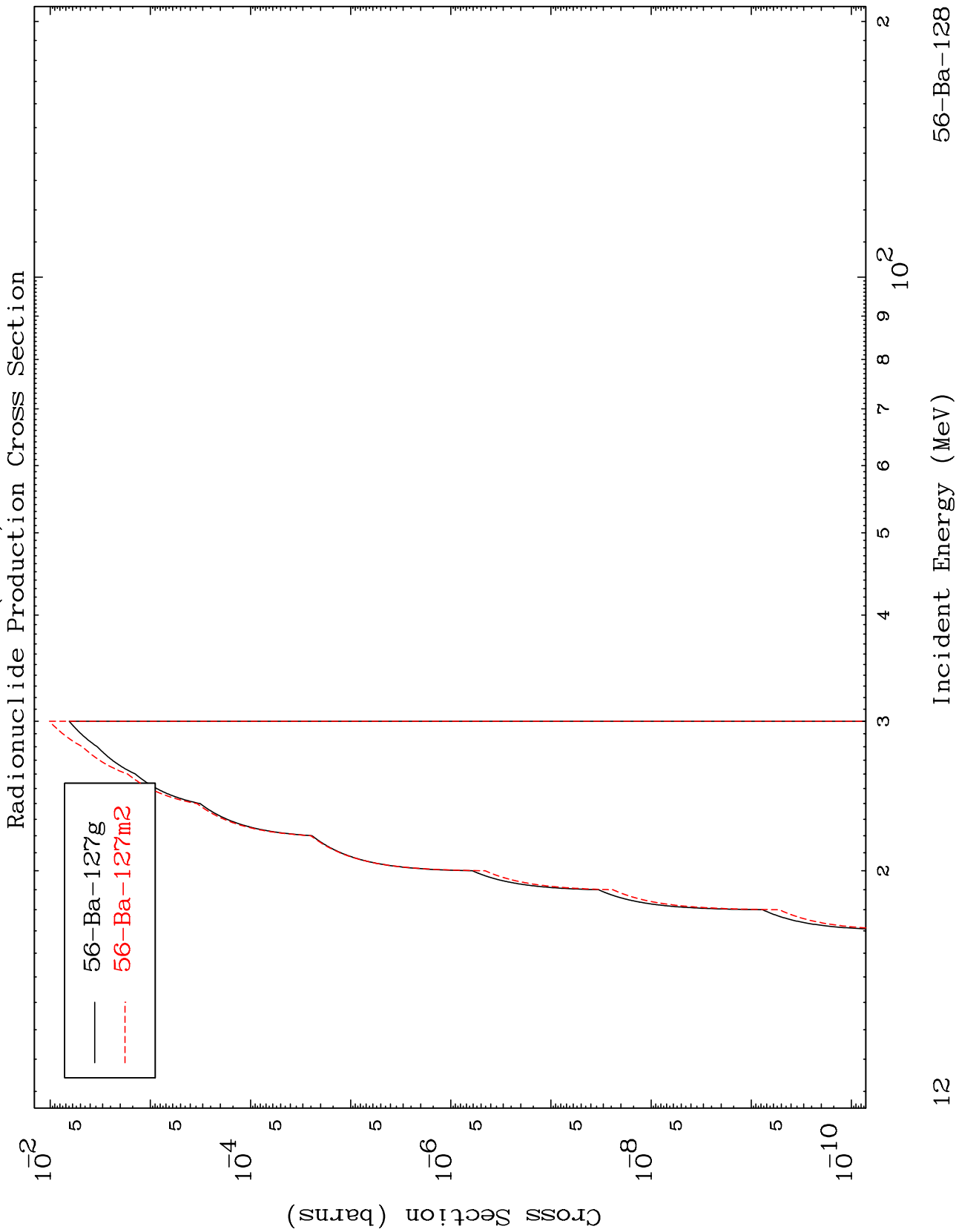
Incident Energy (MeV)

11

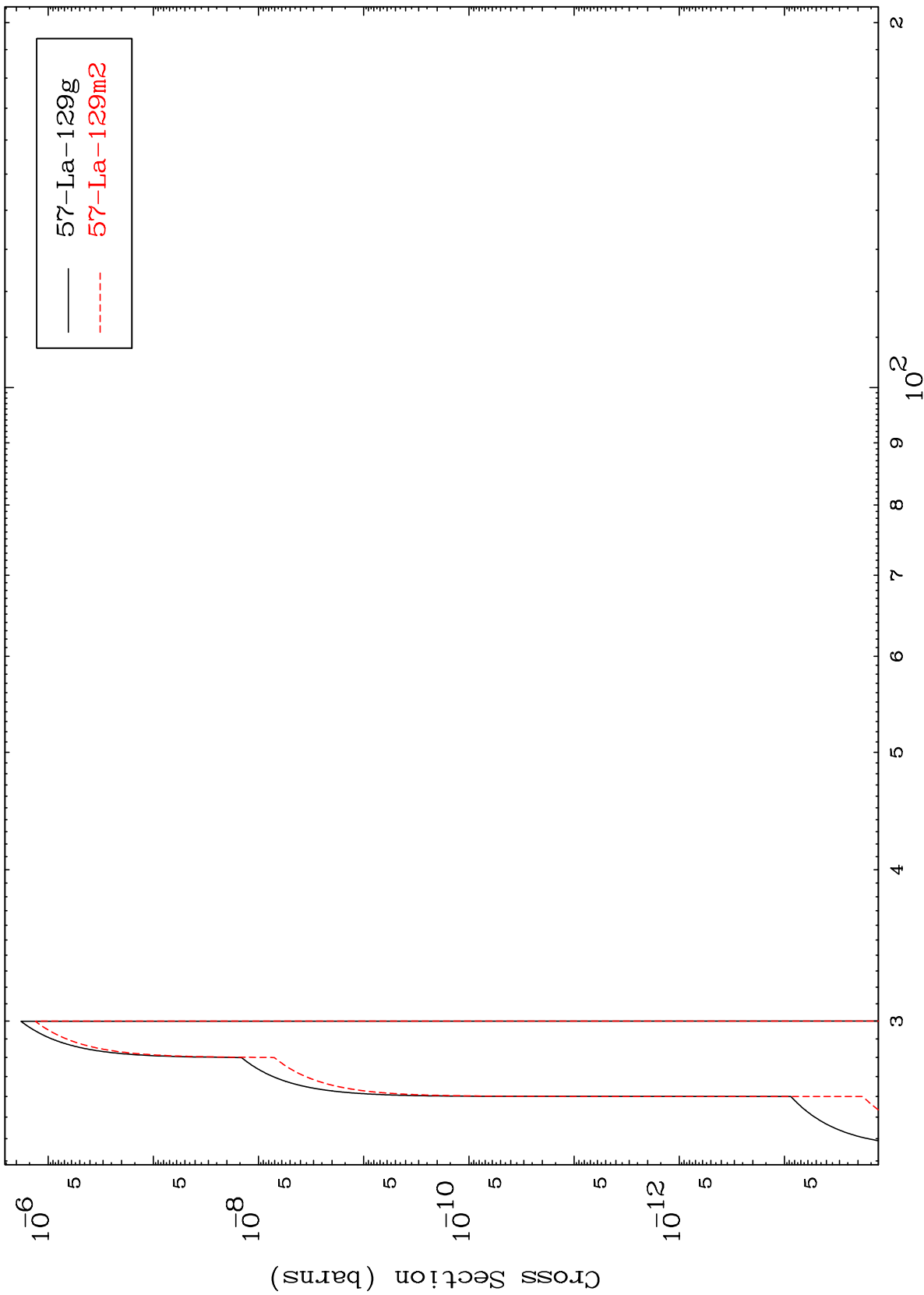
MAT 5619

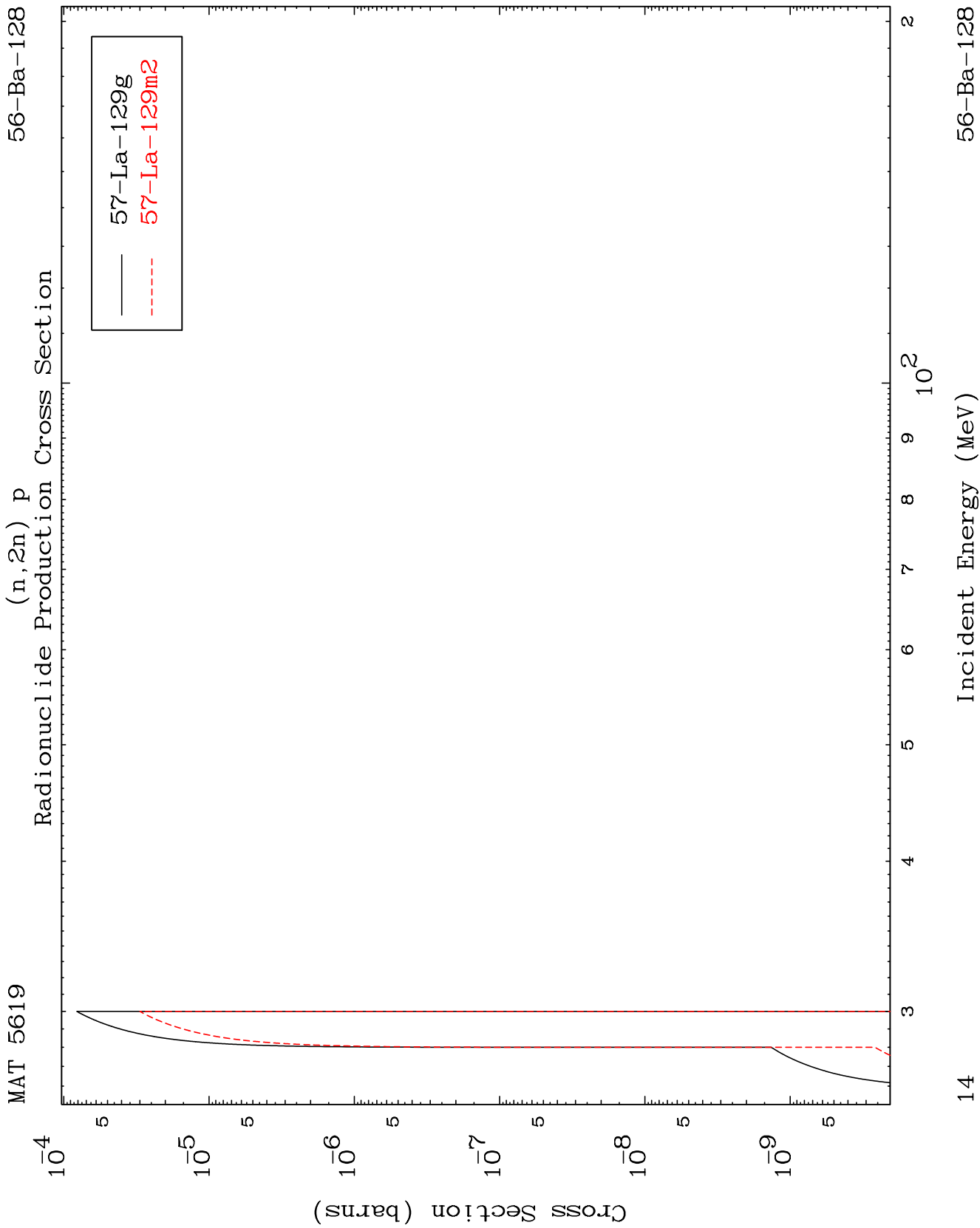
(n,n') α

56-Ba-128



Radionuclide Production Cross Section



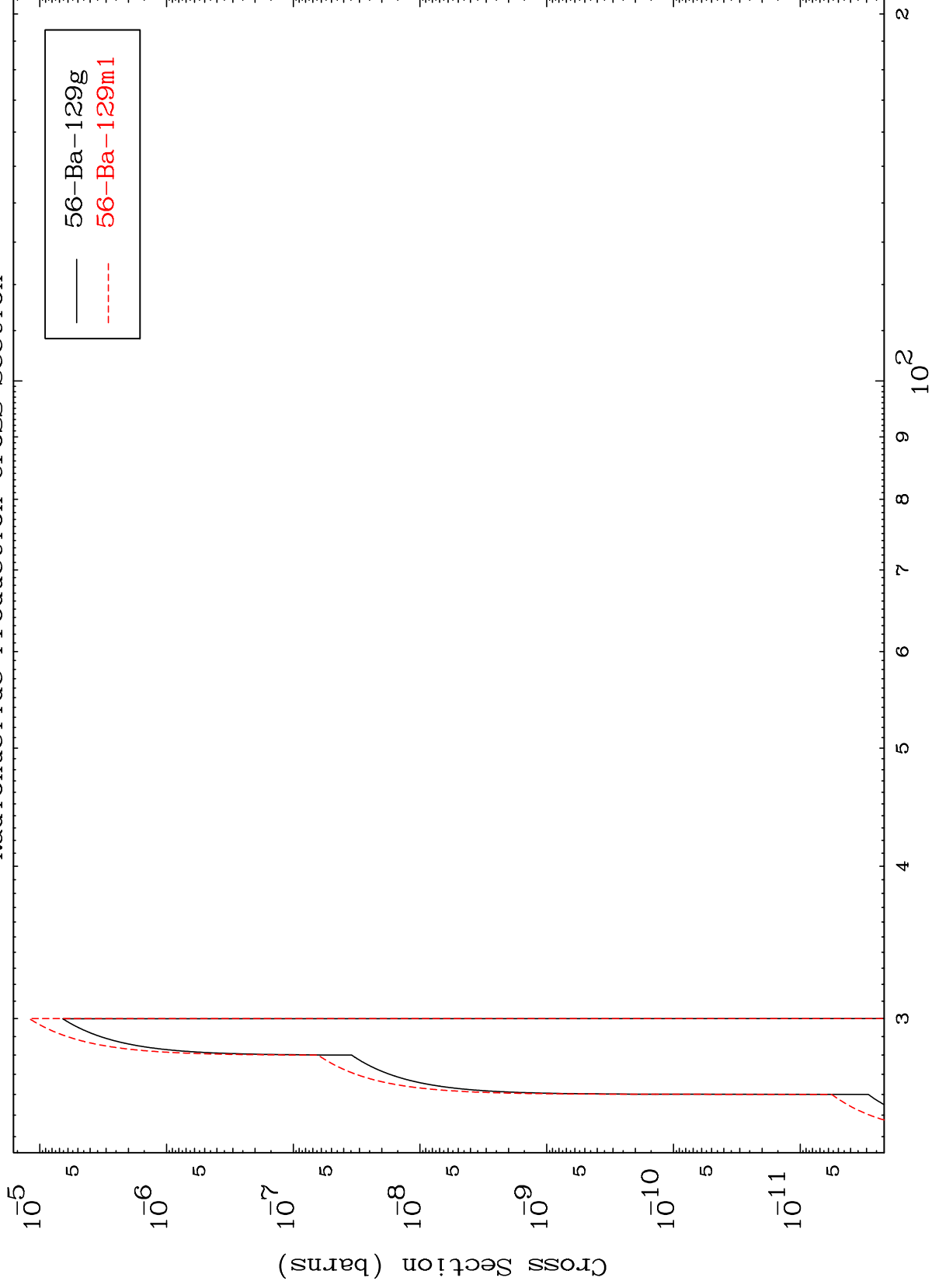


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(n,2n) p

56-Ba-128

Radionuclide Production Cross Section



15

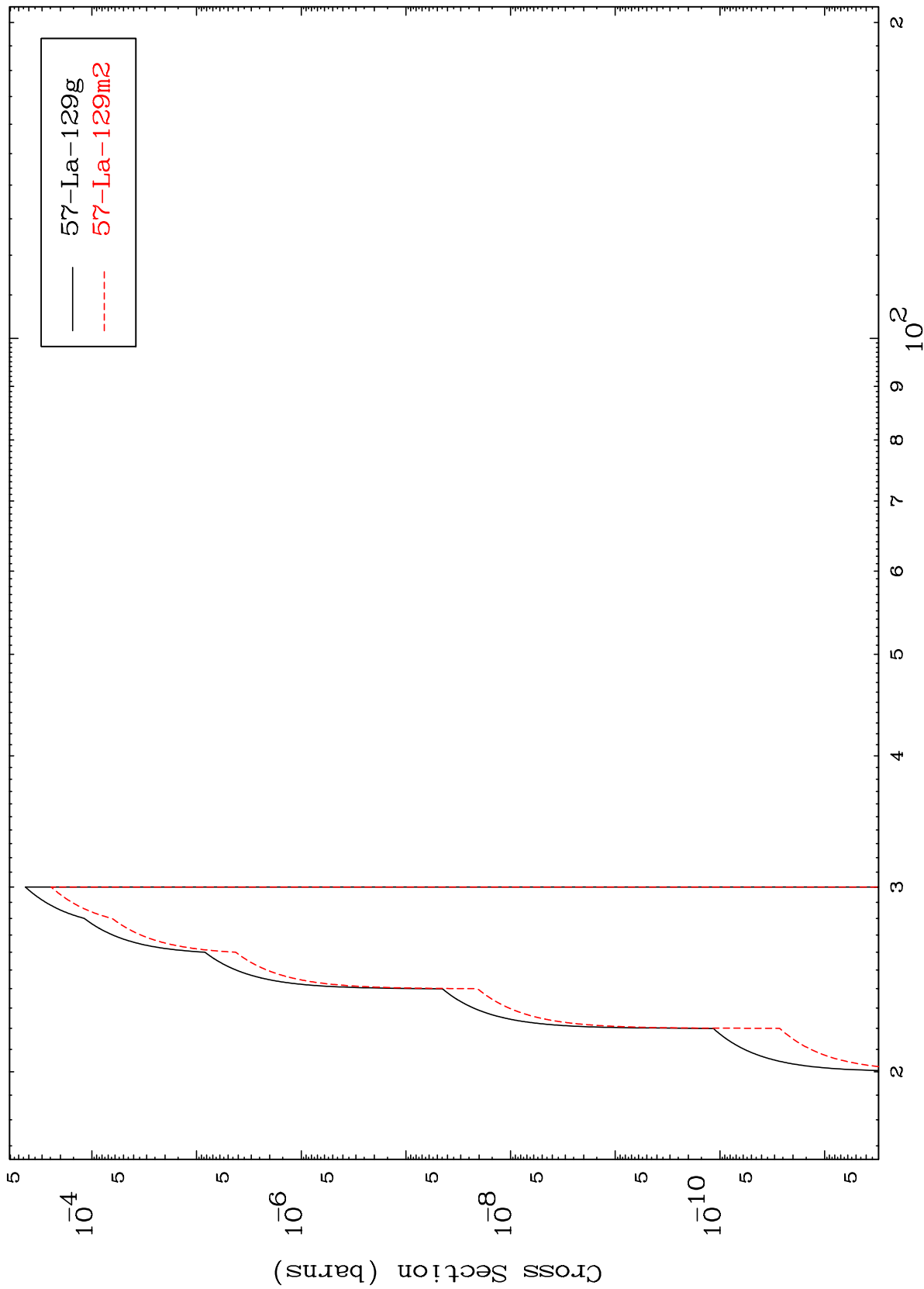
Incident Energy (MeV)

56-Ba-128

MAT 5619

56-Ba-128

(n,t)
Radionuclide Production Cross Section



56-Ba-128

Incident Energy (MeV)

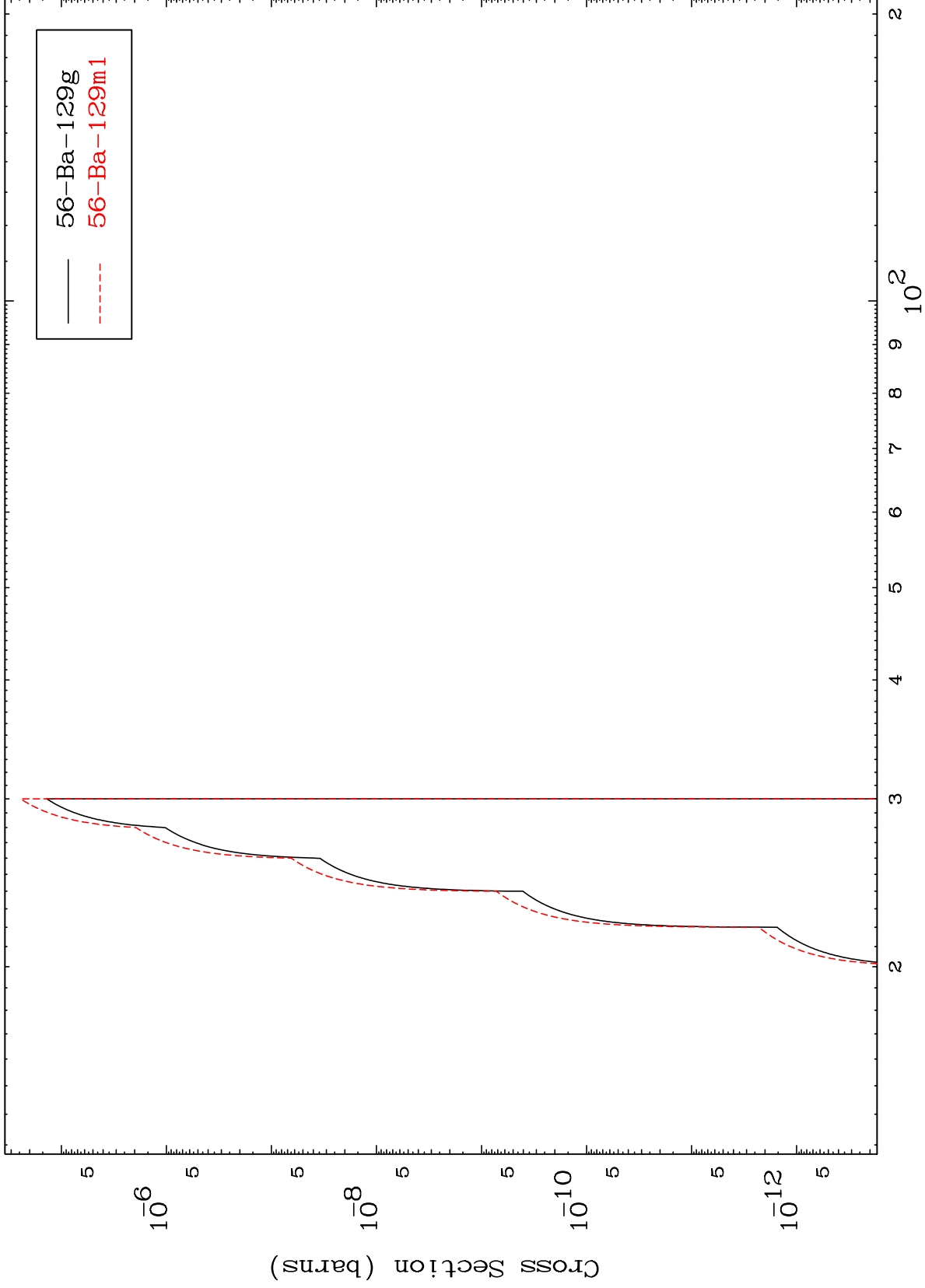
16

MAT 5619

(n,He-3)

56-Ba-128

Radionuclide Production Cross Section



17

Incident Energy (MeV)

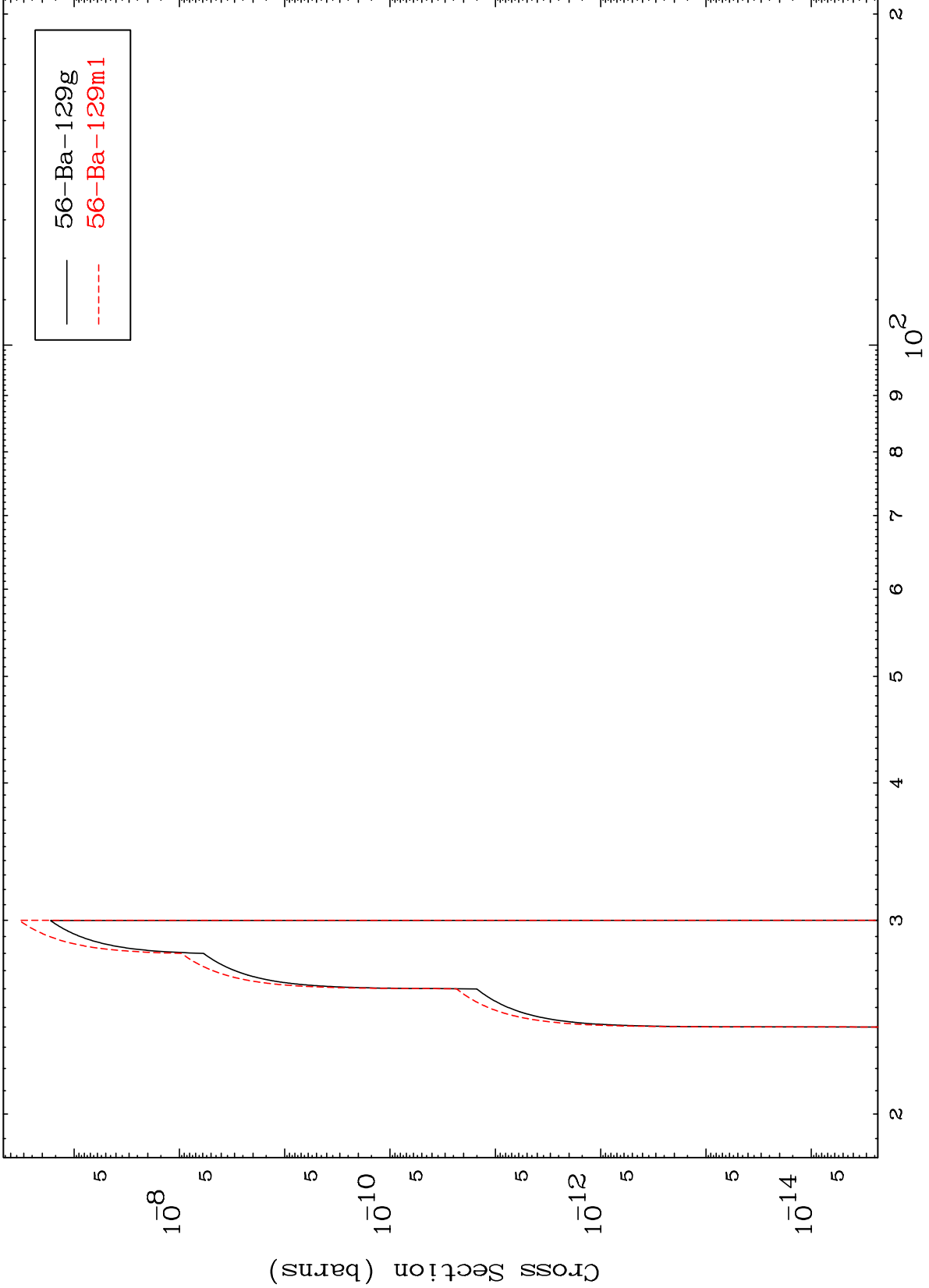
56-Ba-128

MAT 5619

(n,p) d

56-Ba-128

Radionuclide Production Cross Section



18

Incident Energy (MeV)

56-Ba-128