

Program EVALPLOT
(Version 2018-1)

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

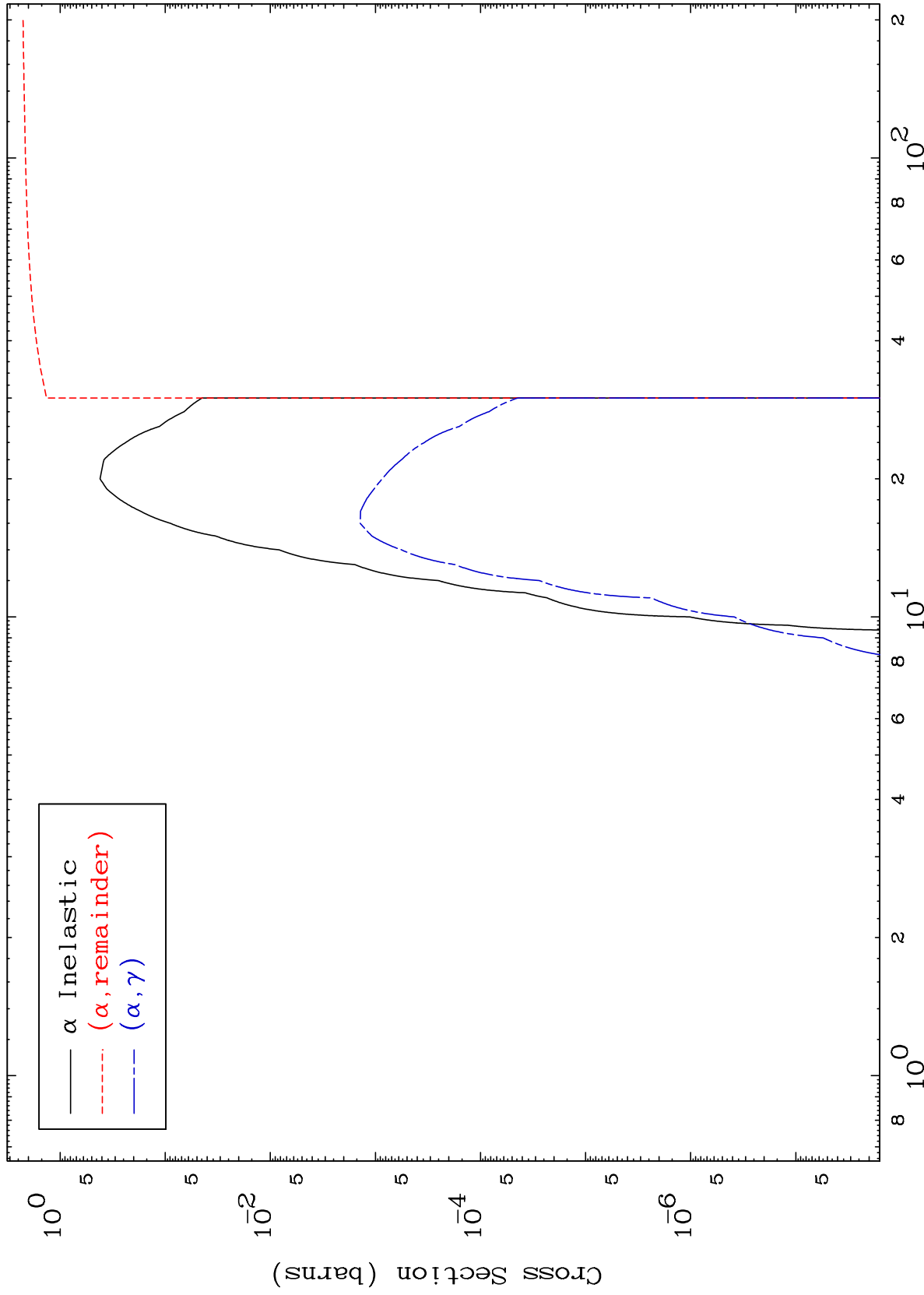
Press Mouse Button to Start

MAT 5616

α Major

56-Ba-127

0 Kelvin Cross Sections



1

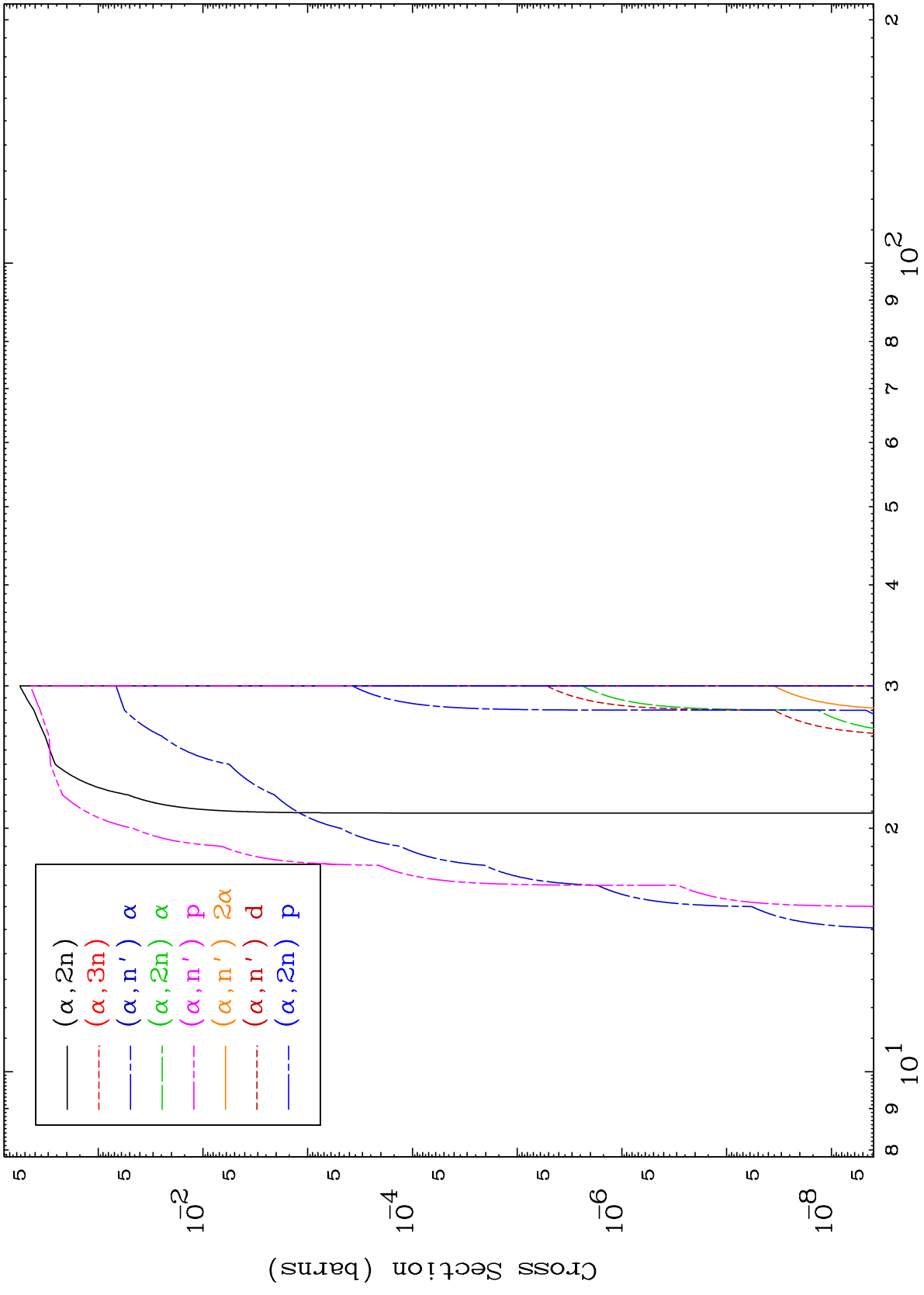
Incident Energy (MeV)

56-Ba-127

MAT 5616

α Neutron Production
0 Kelvin Cross Sections

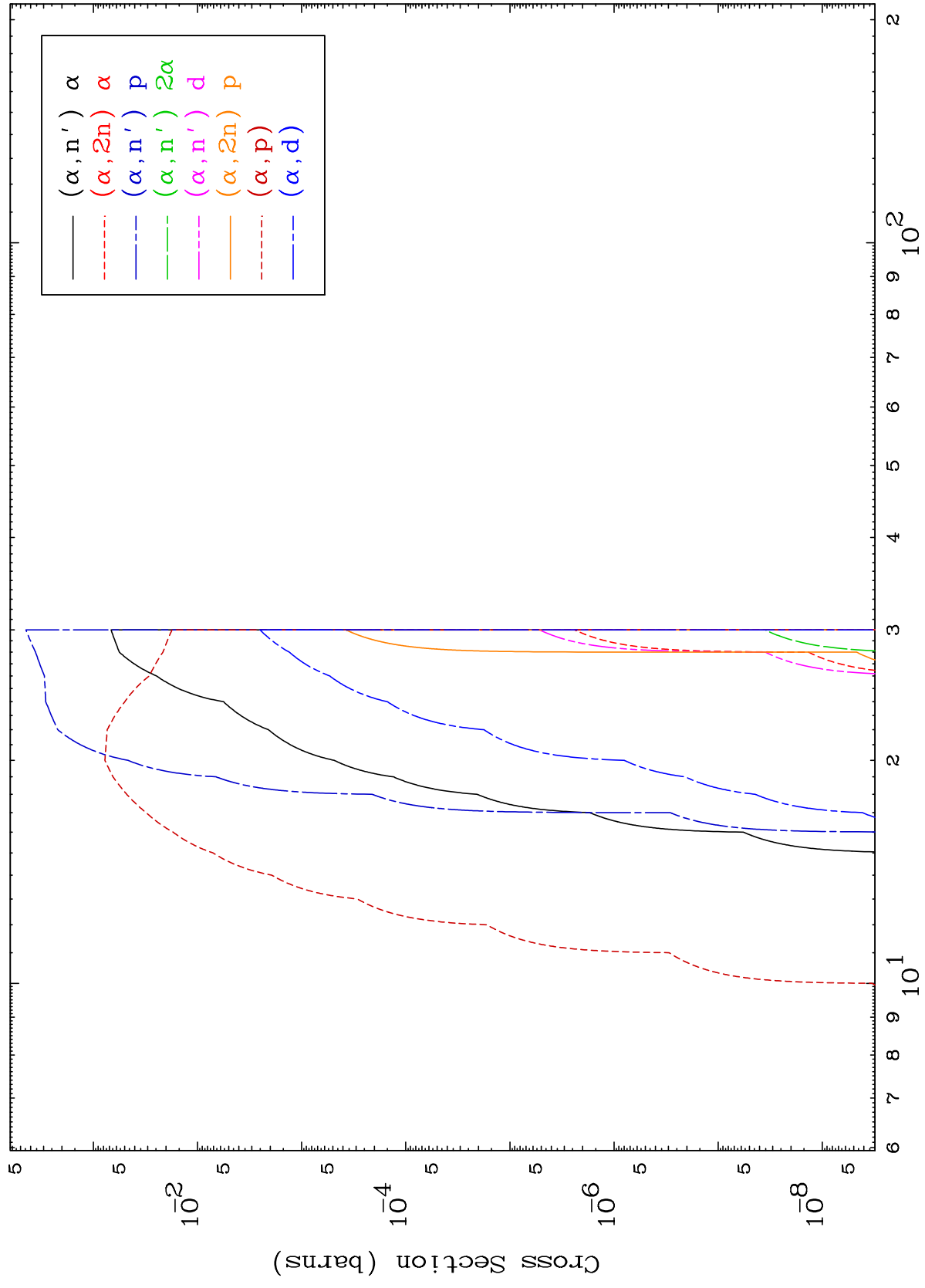
56-Ba-127



2

Incident Energy (MeV)

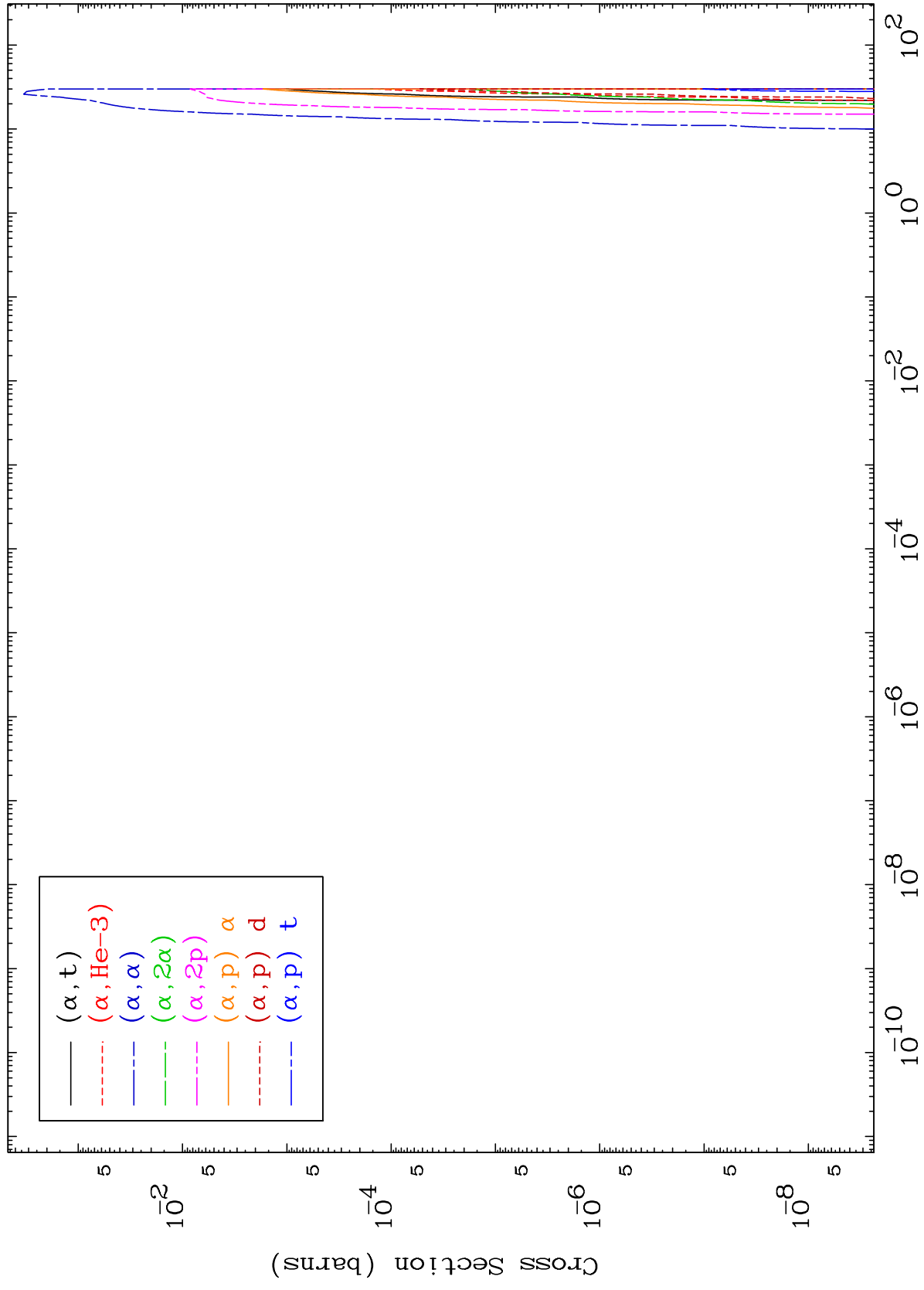
56-Ba-127



MAT 5616

α Charged Particle
0 Kelvin Cross Sections

56-Ba-127

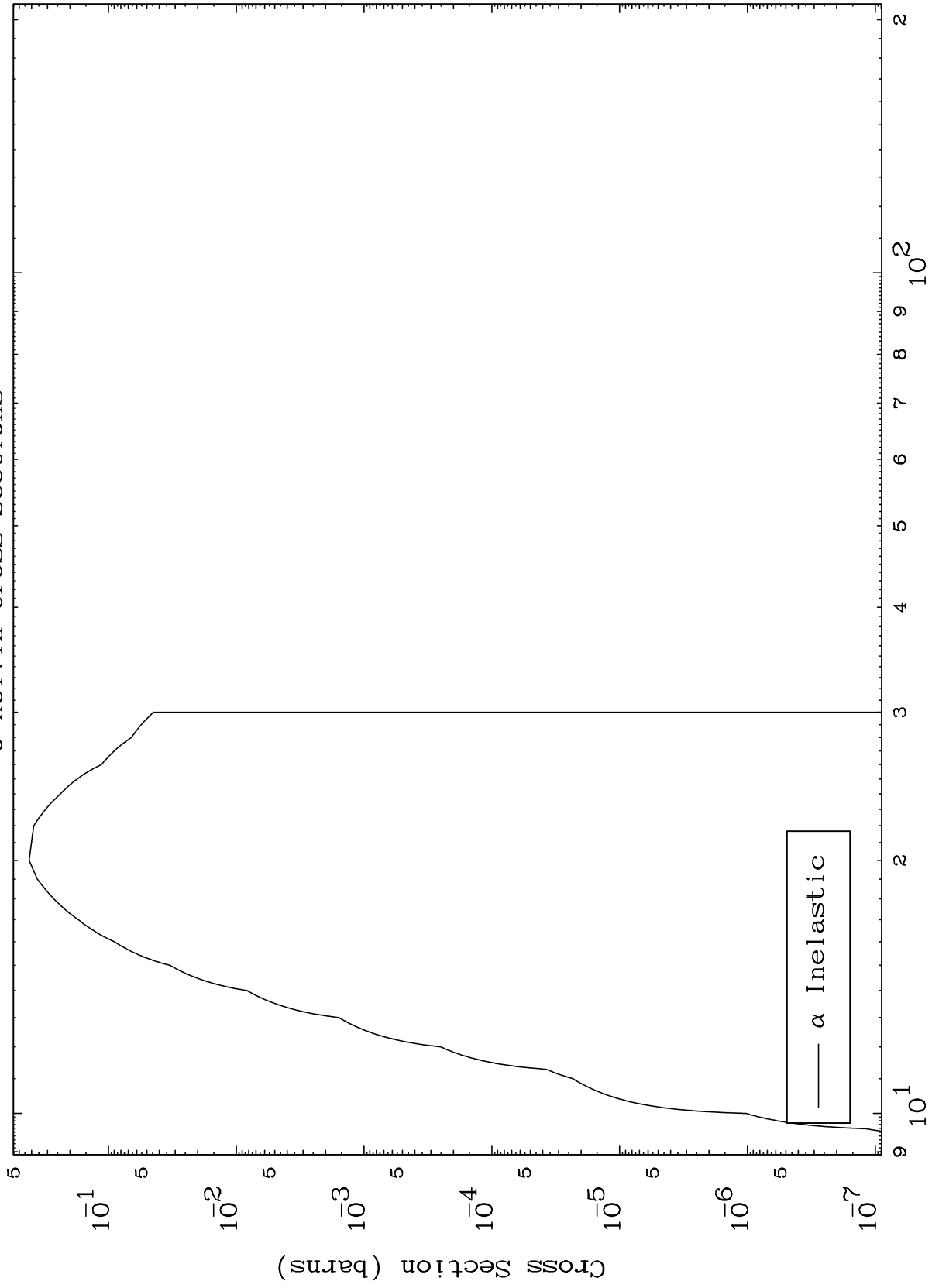


56-Ba-127

MAT 5616

(α, n') Level
0 Kelvin Cross Sections

56-Ba-127



5

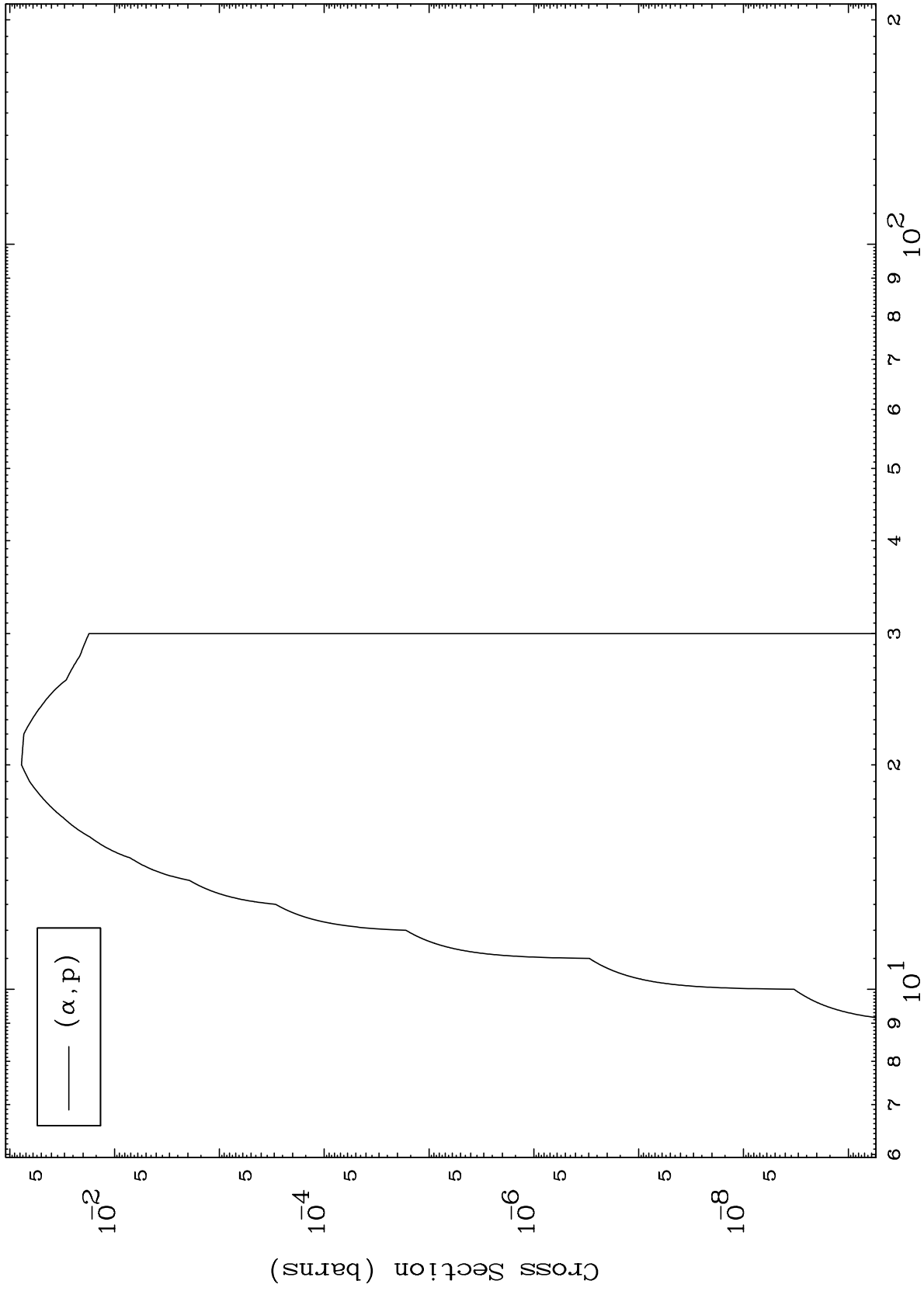
Incident Energy (MeV)

56-Ba-127

MAT 5616

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-127



6

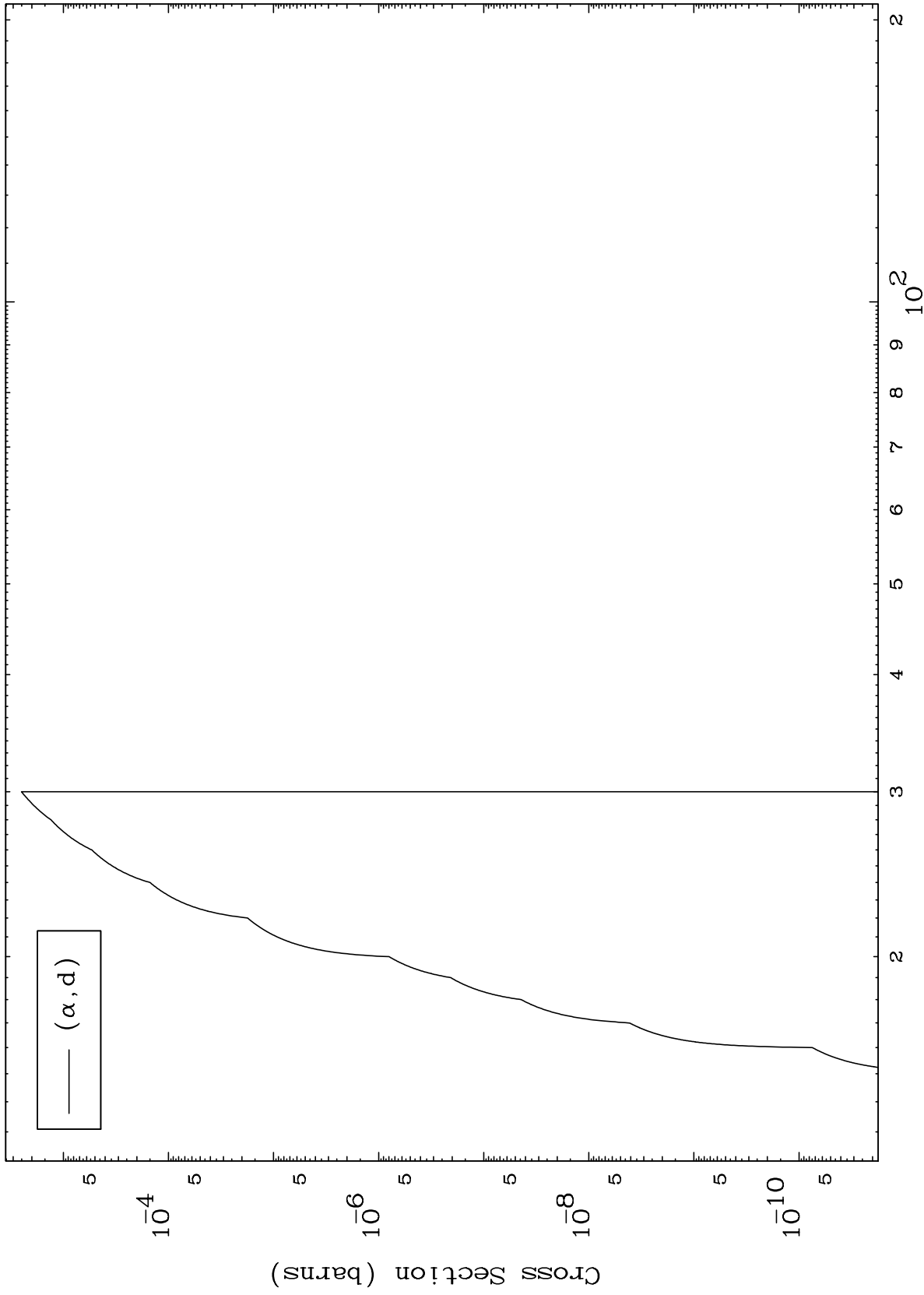
Incident Energy (MeV)

56-Ba-127

MAT 5616

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-127



7

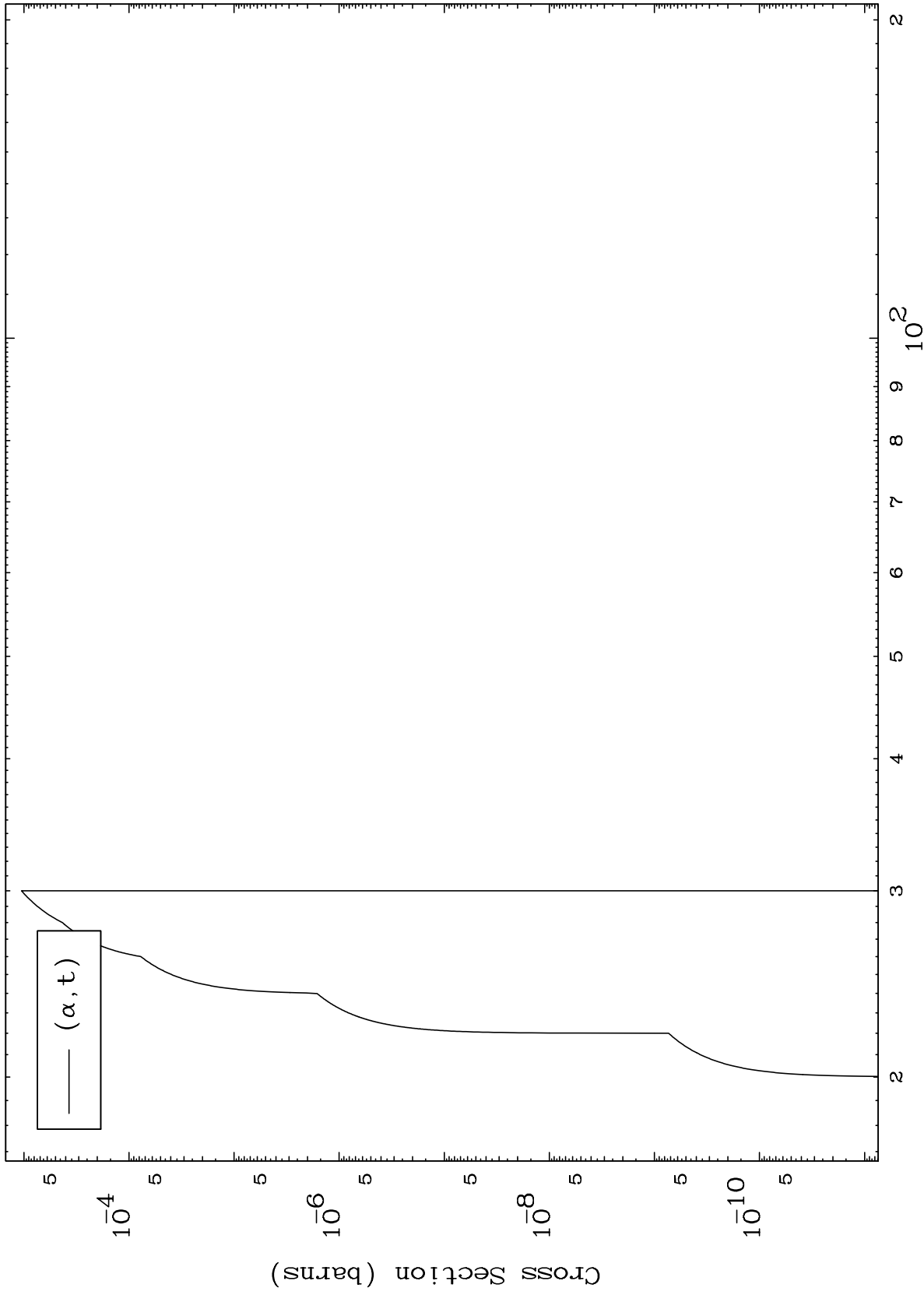
Incident Energy (MeV)

56-Ba-127

MAT 5616

(α, t) Levels
0 Kelvin Cross Sections

56-Ba-127

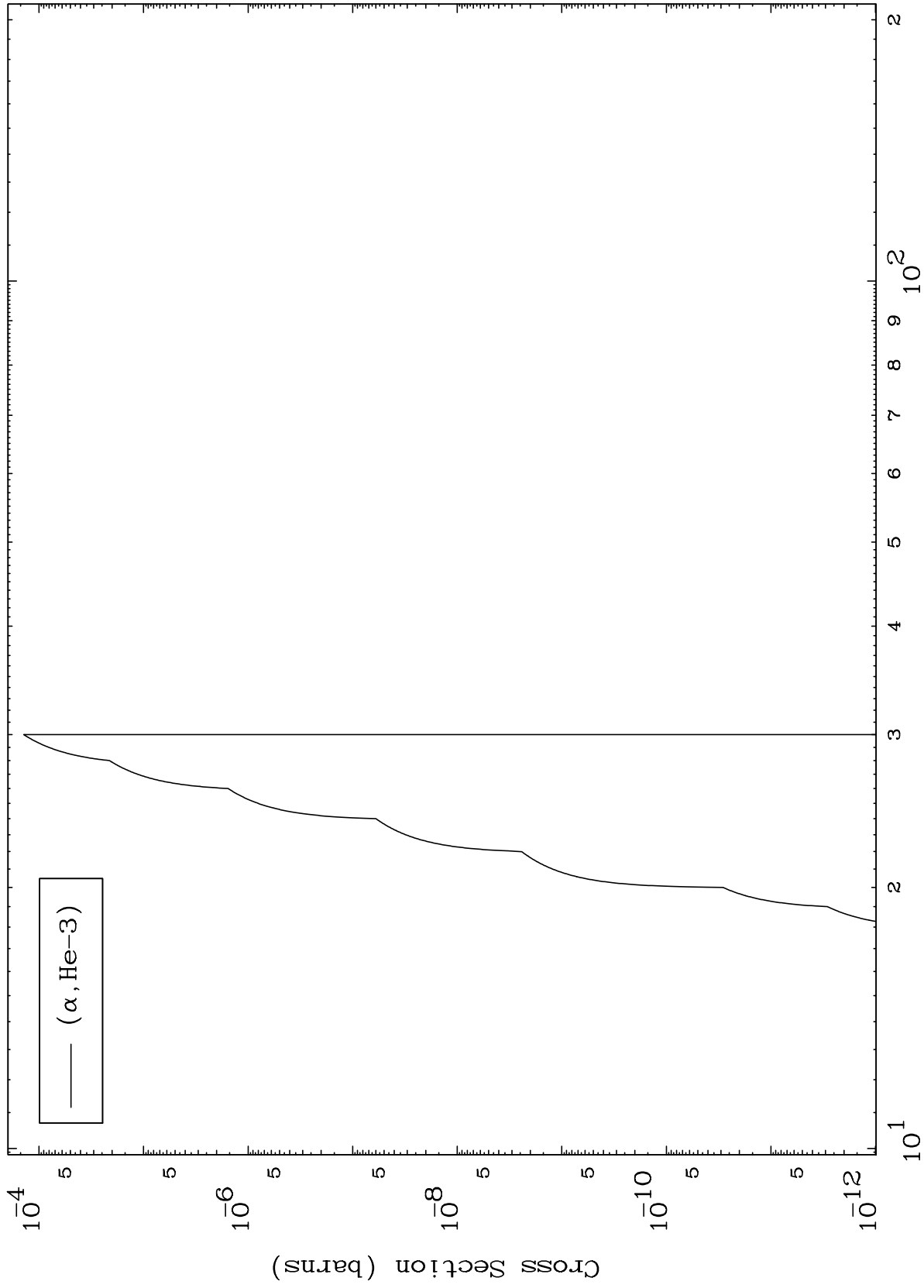


8

MAT 5616

(α ,He3) Levels
0 Kelvin Cross Sections

56-Ba-127



9

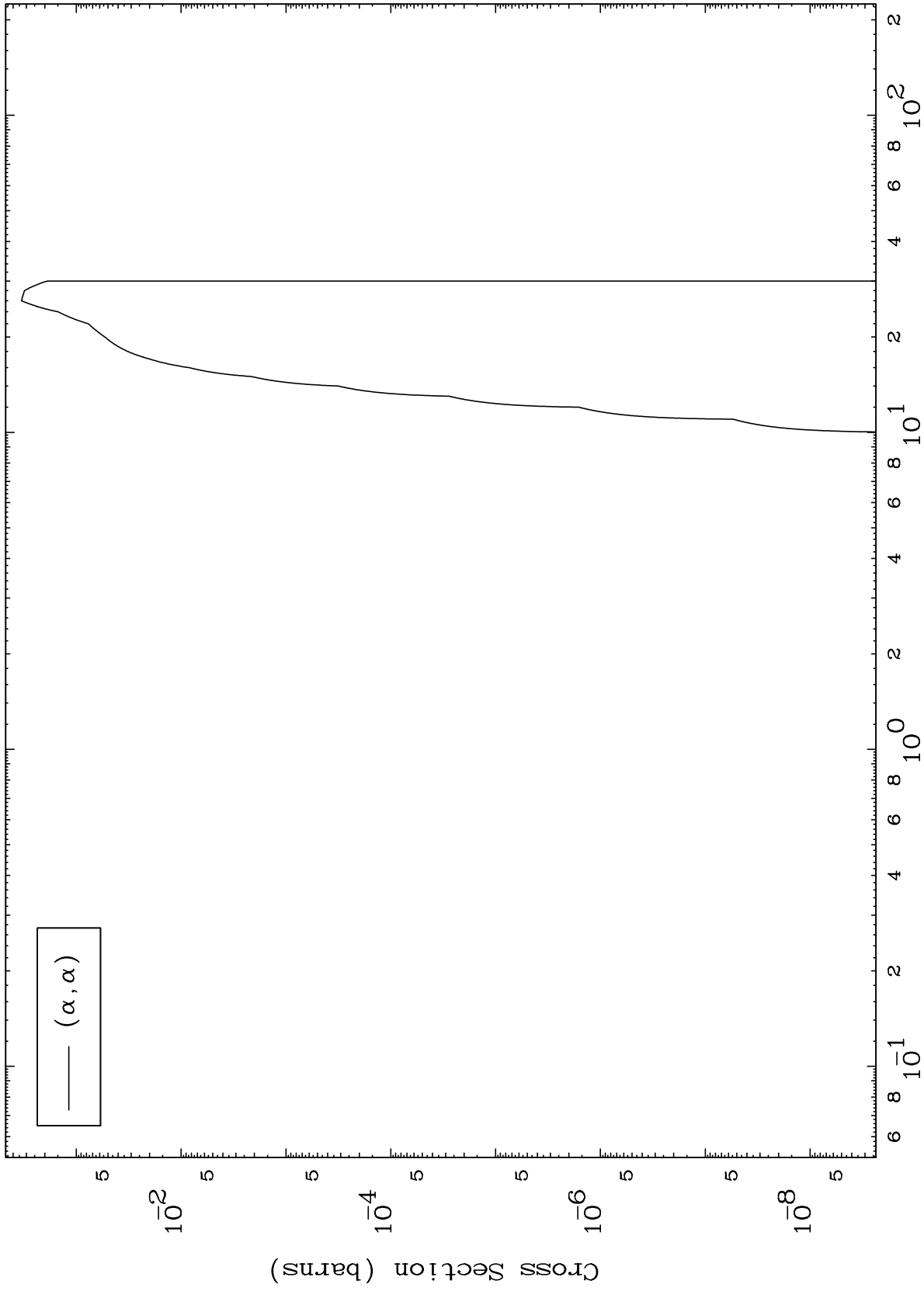
Incident Energy (MeV)

56-Ba-127

MAT 5616

(α, α) Levels
0 Kelvin Cross Sections

56-Ba-127



10

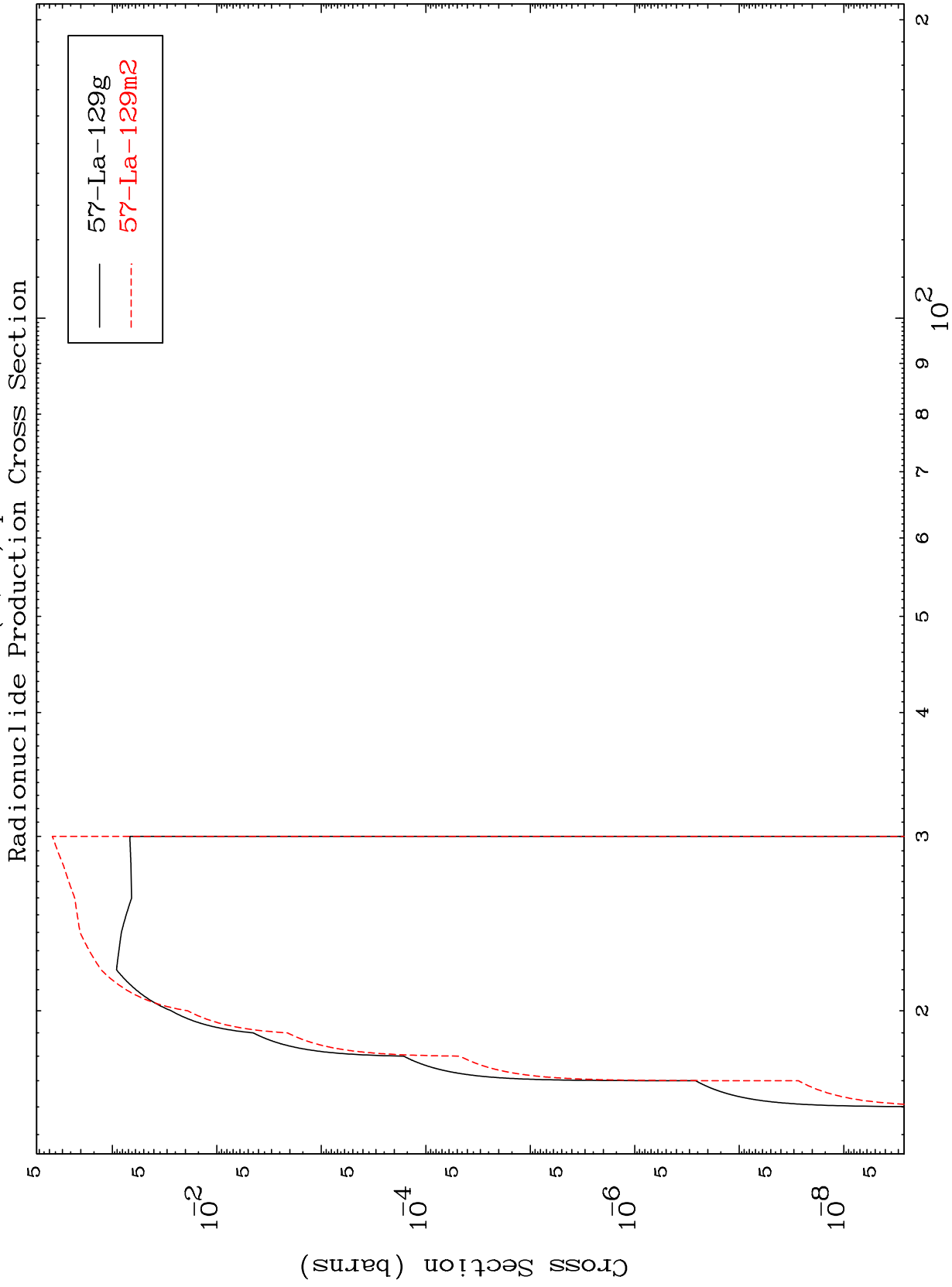
Incident Energy (MeV)

56-Ba-127

MAT 5616

(α, n') p

56-Ba-127



11

Incident Energy (MeV)

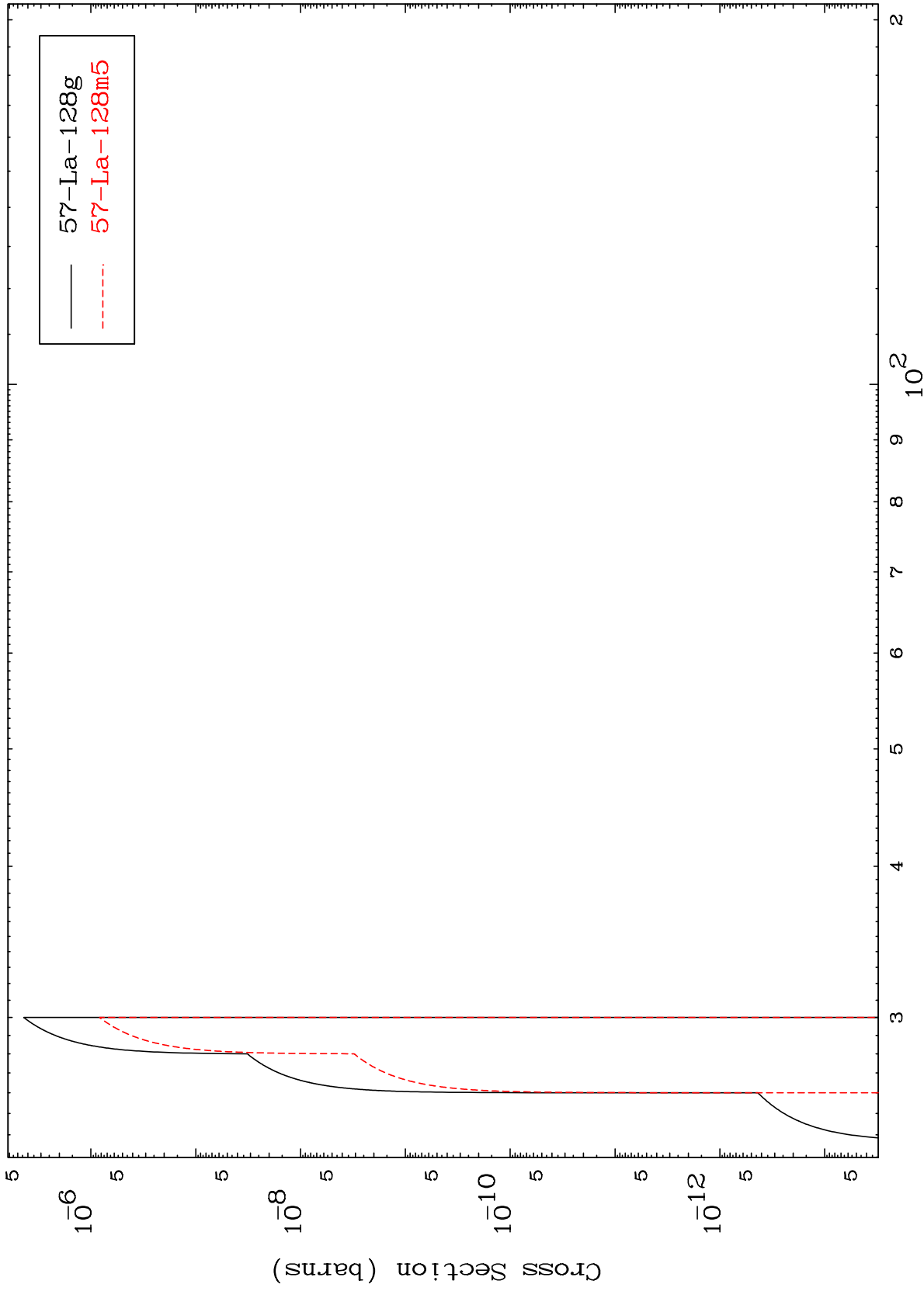
56-Ba-127

MAT 5616

(α, n') d

56-Ba-127

Radionuclide Production Cross Section



12

Incident Energy (MeV)

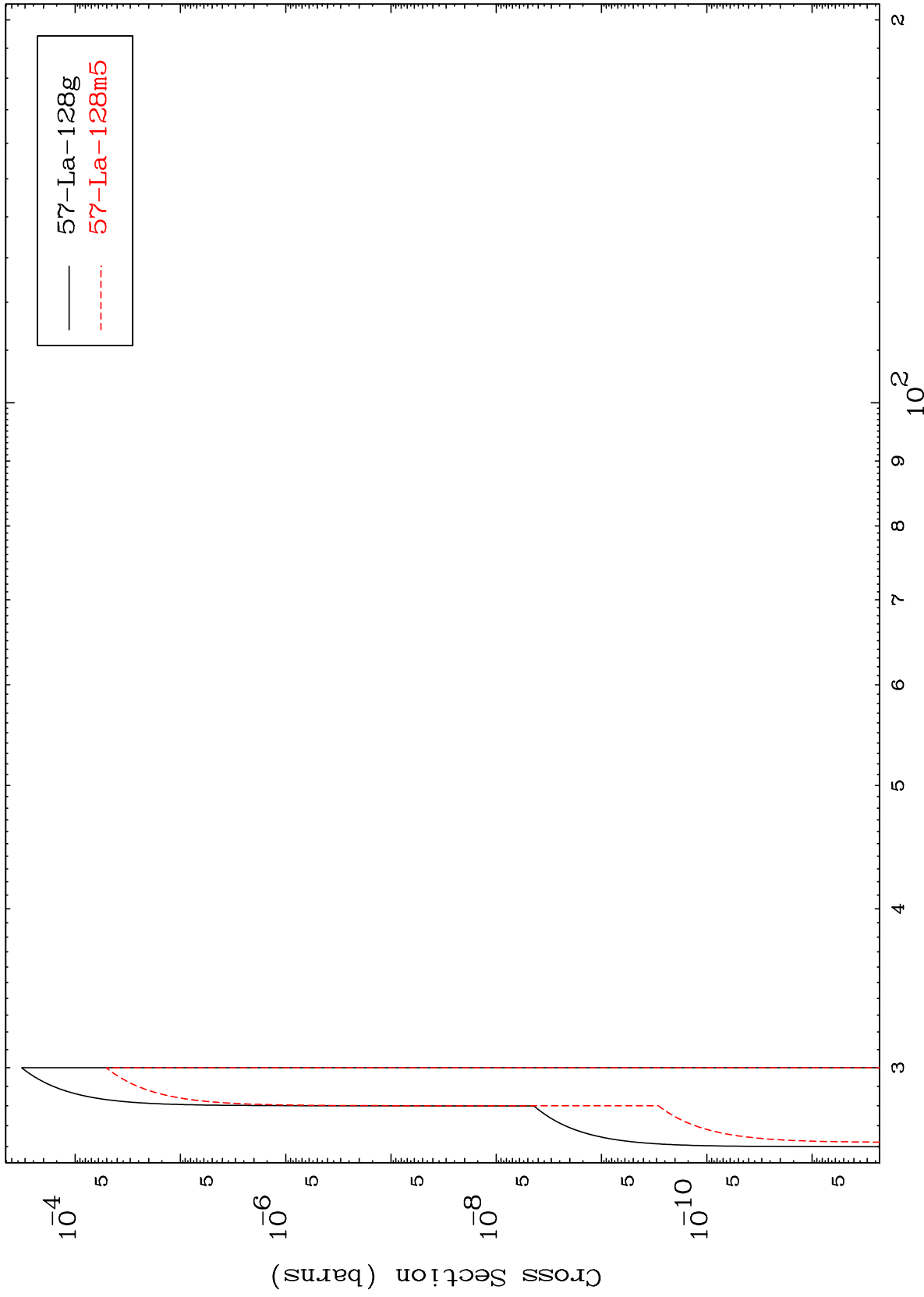
56-Ba-127

MAT 5616

($\alpha, 2n$) p

56-Ba-127

Radionuclide Production Cross Section



13

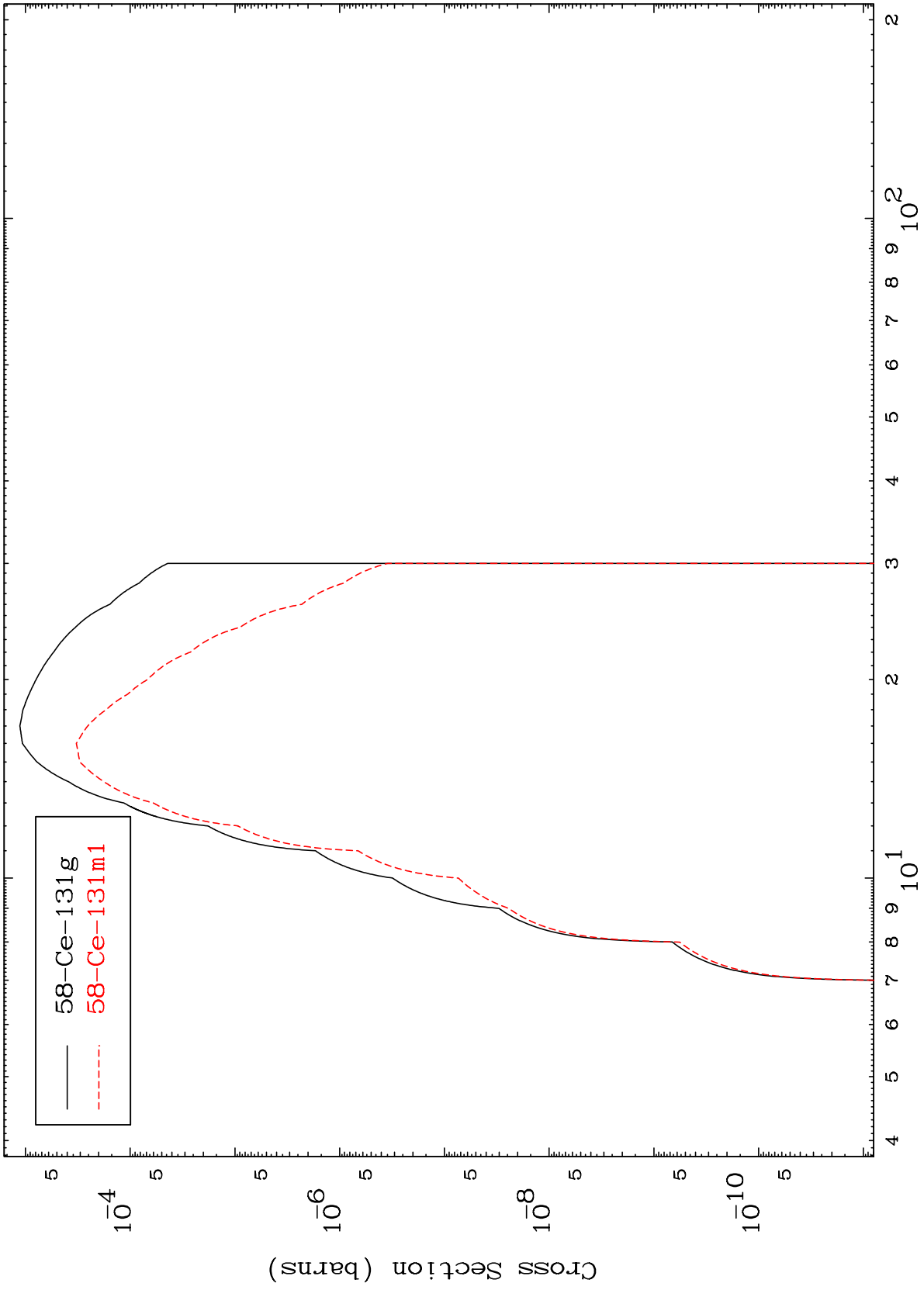
Incident Energy (MeV)

56-Ba-127

MAT 5616

56-Ba-127

(α, γ)
Radionuclide Production Cross Section



56-Ba-127

Incident Energy (MeV)

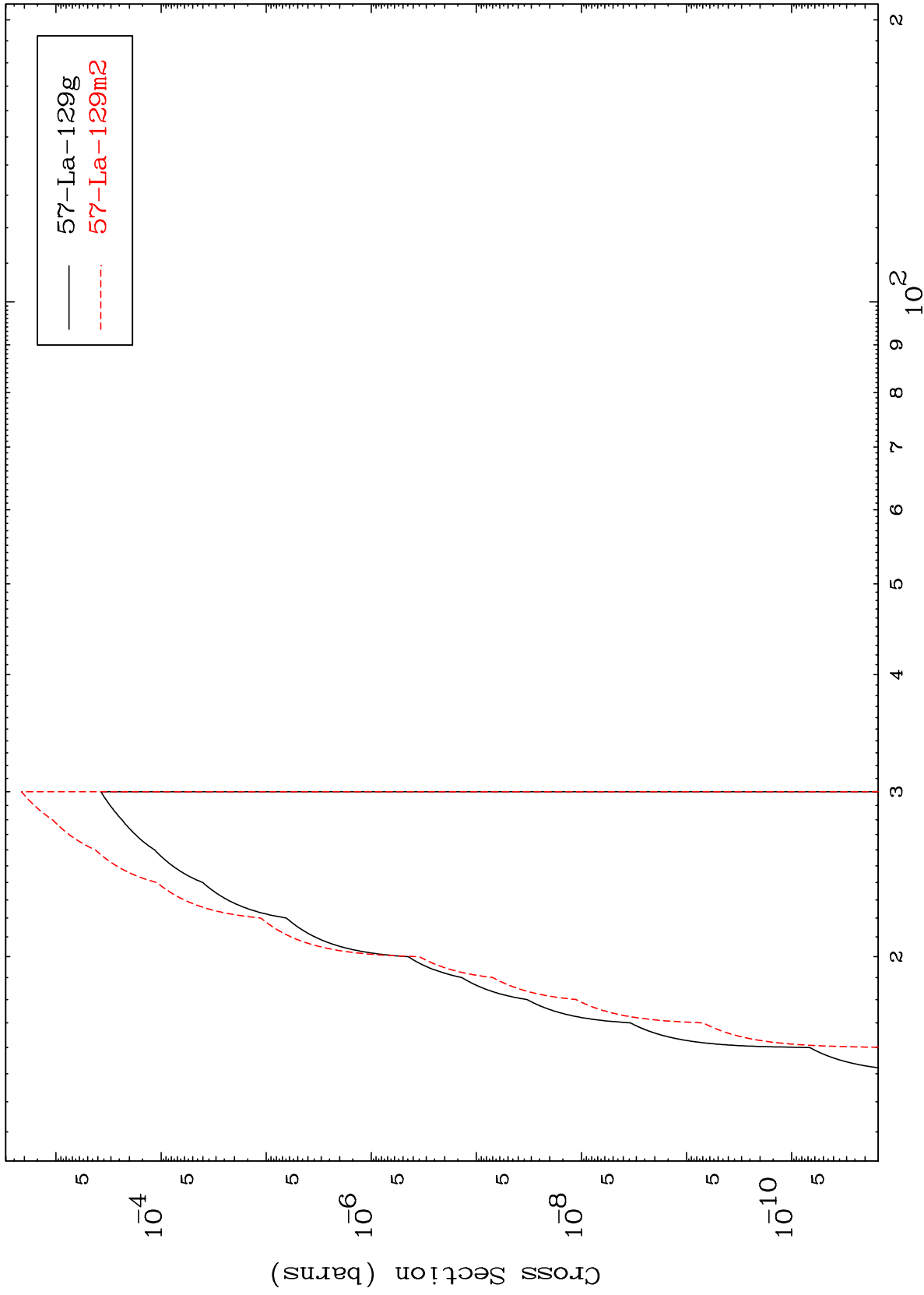
14

MAT 5616

(α, d)

56-Ba-127

Radionuclide Production Cross Section



15

Incident Energy (MeV)

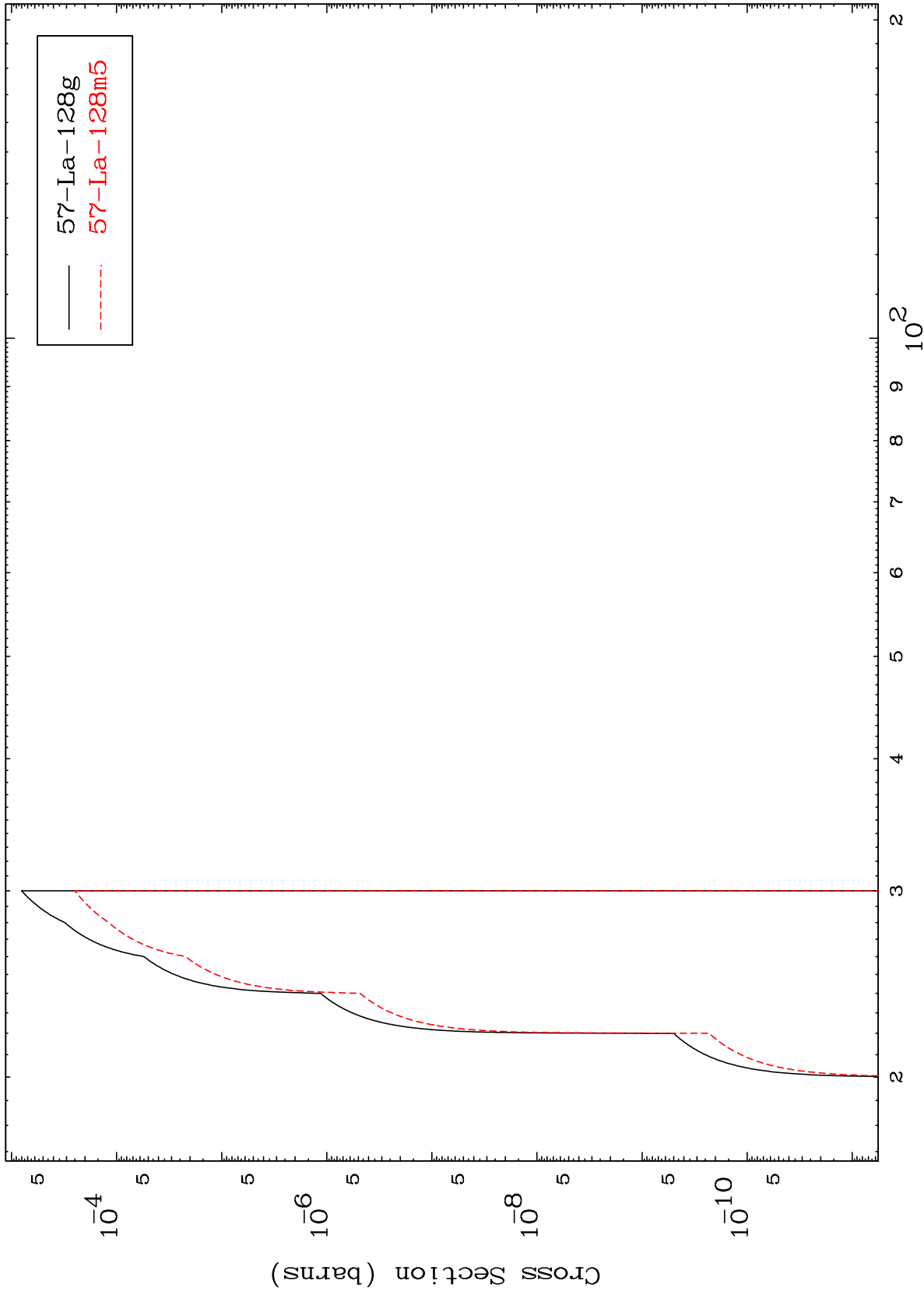
56-Ba-127

MAT 5616

(α, t)

56-Ba-127

Radionuclide Production Cross Section



16

Incident Energy (MeV)

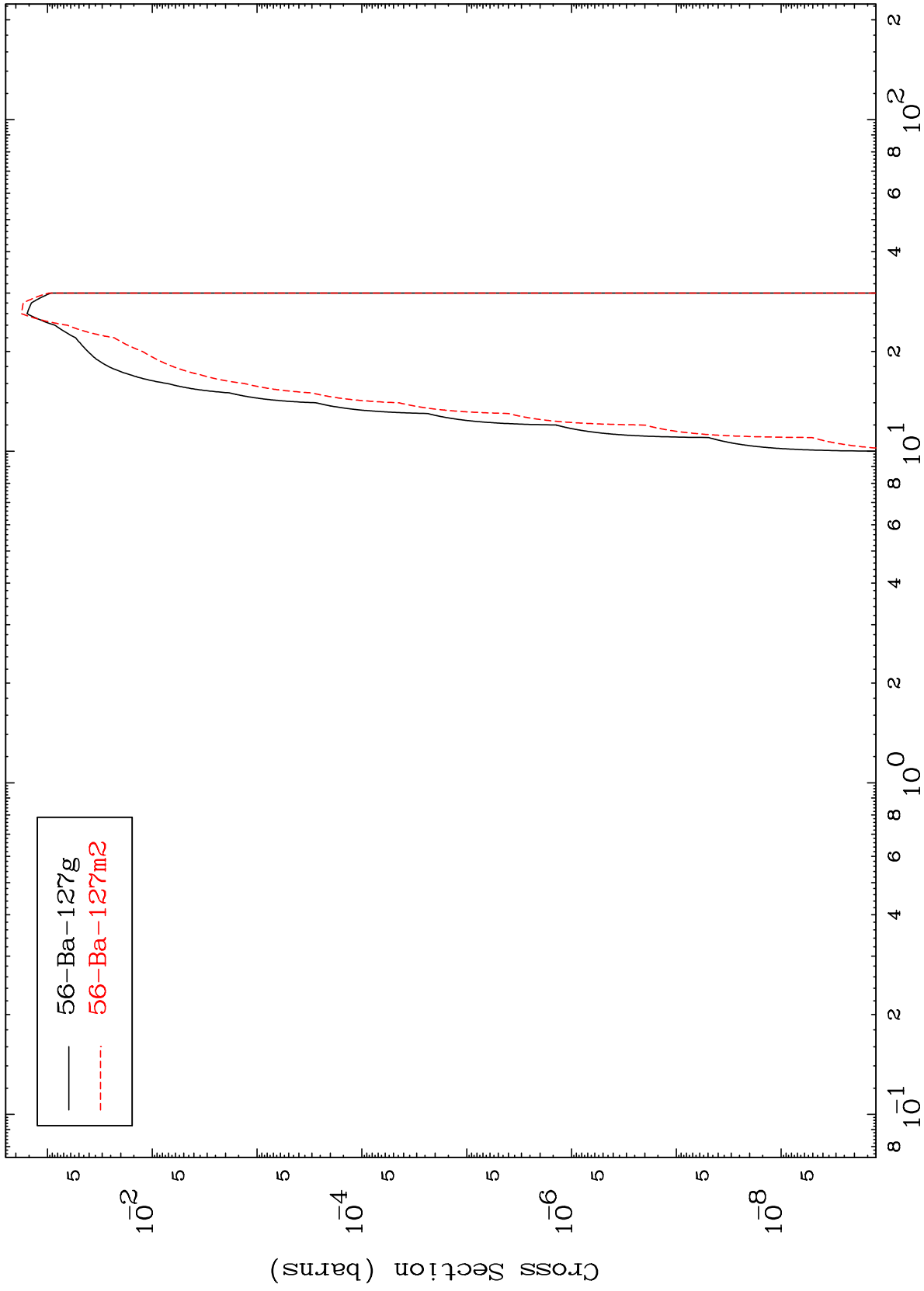
56-Ba-127

MAT 5616

(α, α)

56-Ba-127

Radionuclide Production Cross Section



17

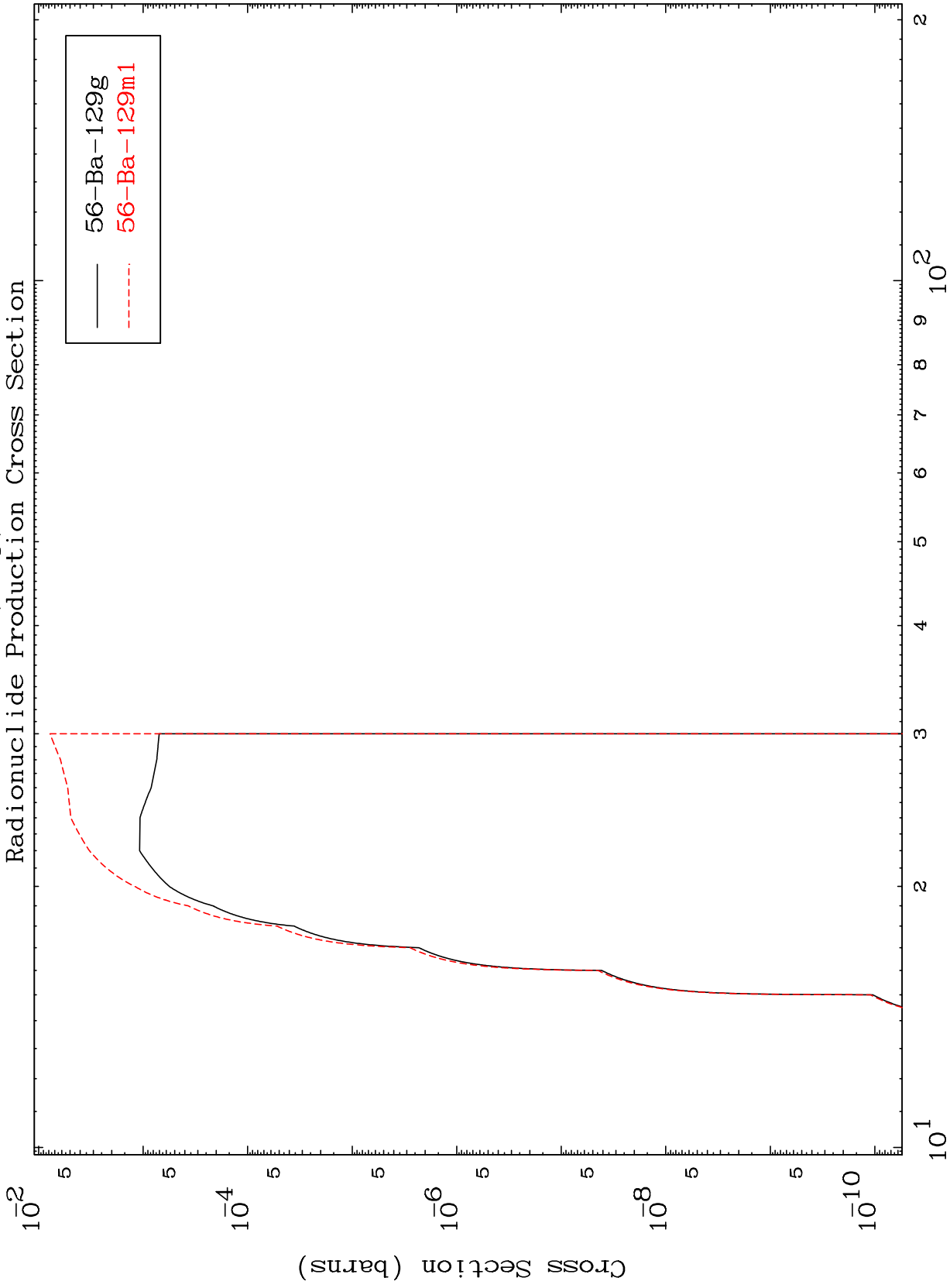
Incident Energy (MeV)

56-Ba-127

MAT 5616

56-Ba-127

Radionuclide Production Cross Section
($\alpha, 2p$)



18

Incident Energy (MeV)

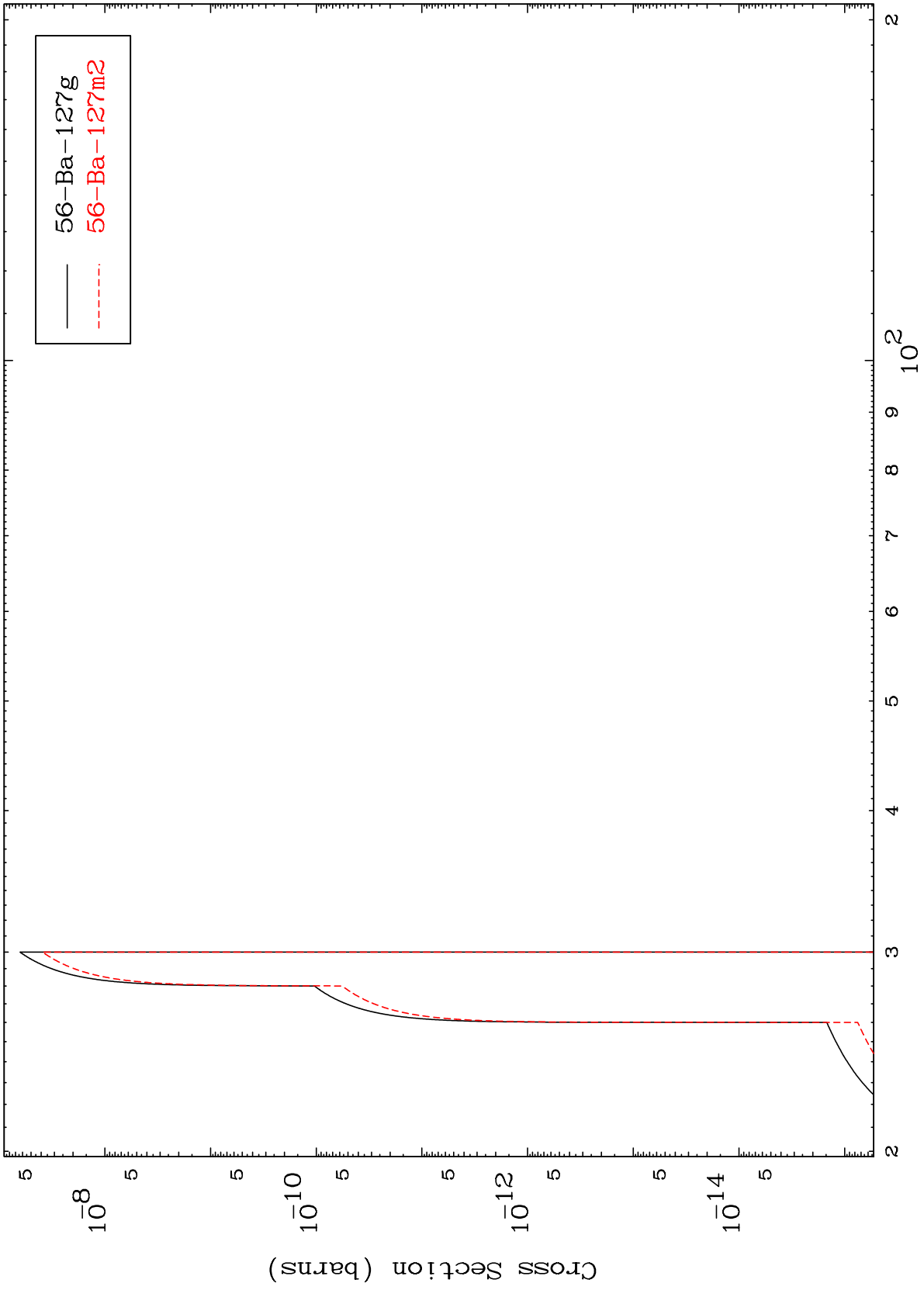
56-Ba-127

MAT 5616

(α, p) t

56-Ba-127

Radionuclide Production Cross Section



19

Incident Energy (MeV)

56-Ba-127