

Program EVALPLOT
(Version 2018-1)

by

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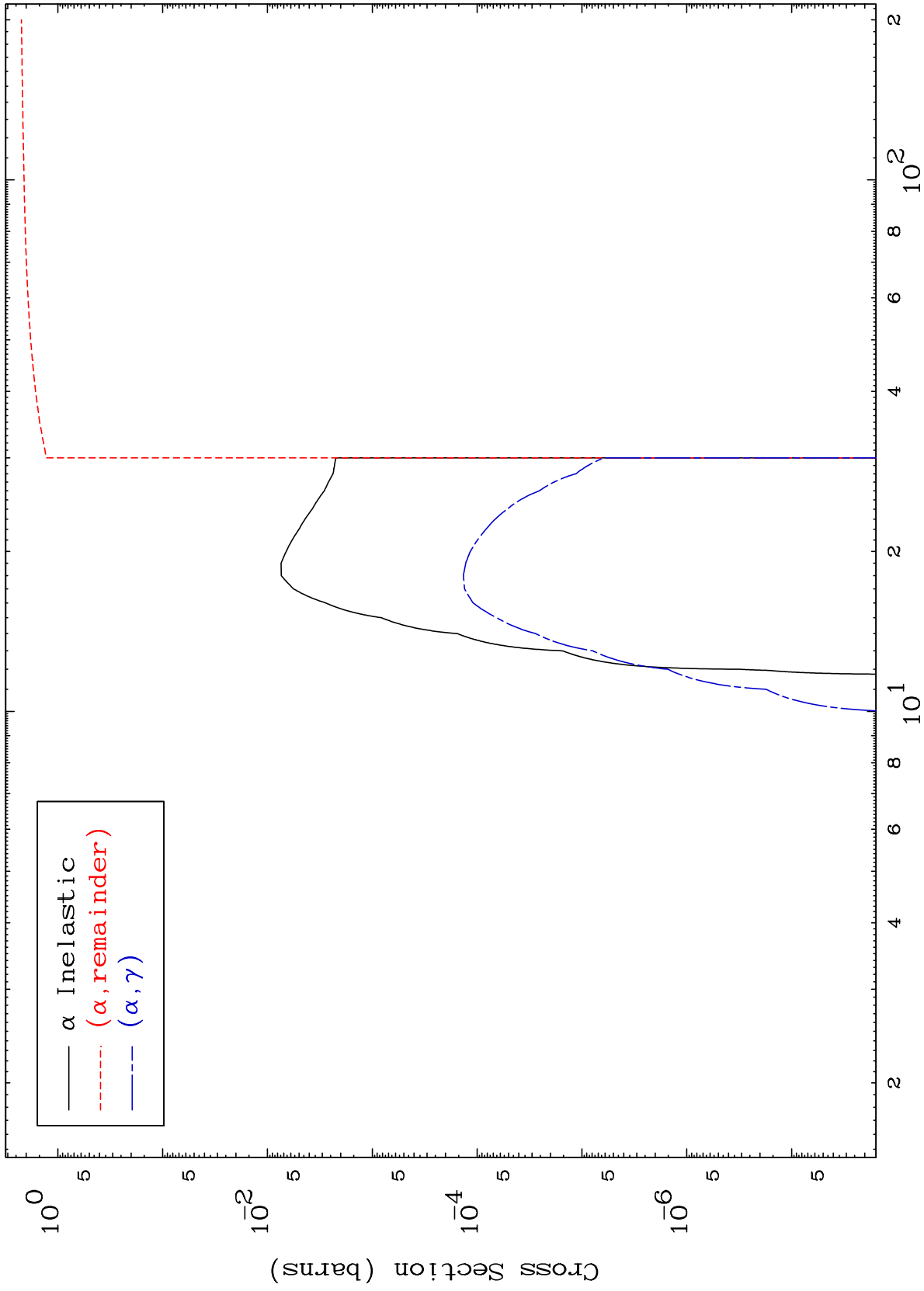
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5683

0 Kelvin α Major
Cross Sections

57-La-124



1

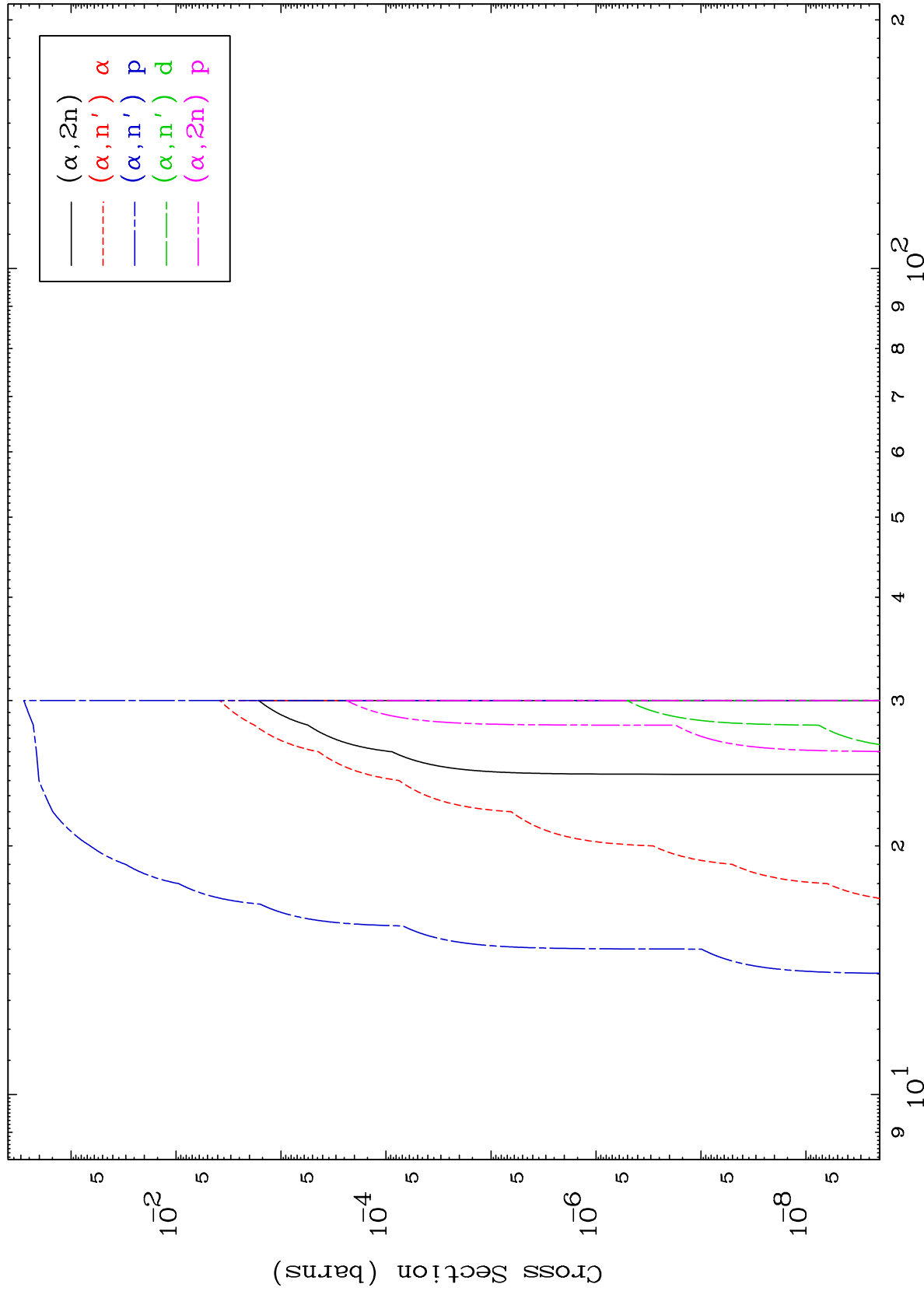
Incident Energy (MeV)

57-La-124

MAT 5683

α Neutron Production
0 Kelvin Cross Sections

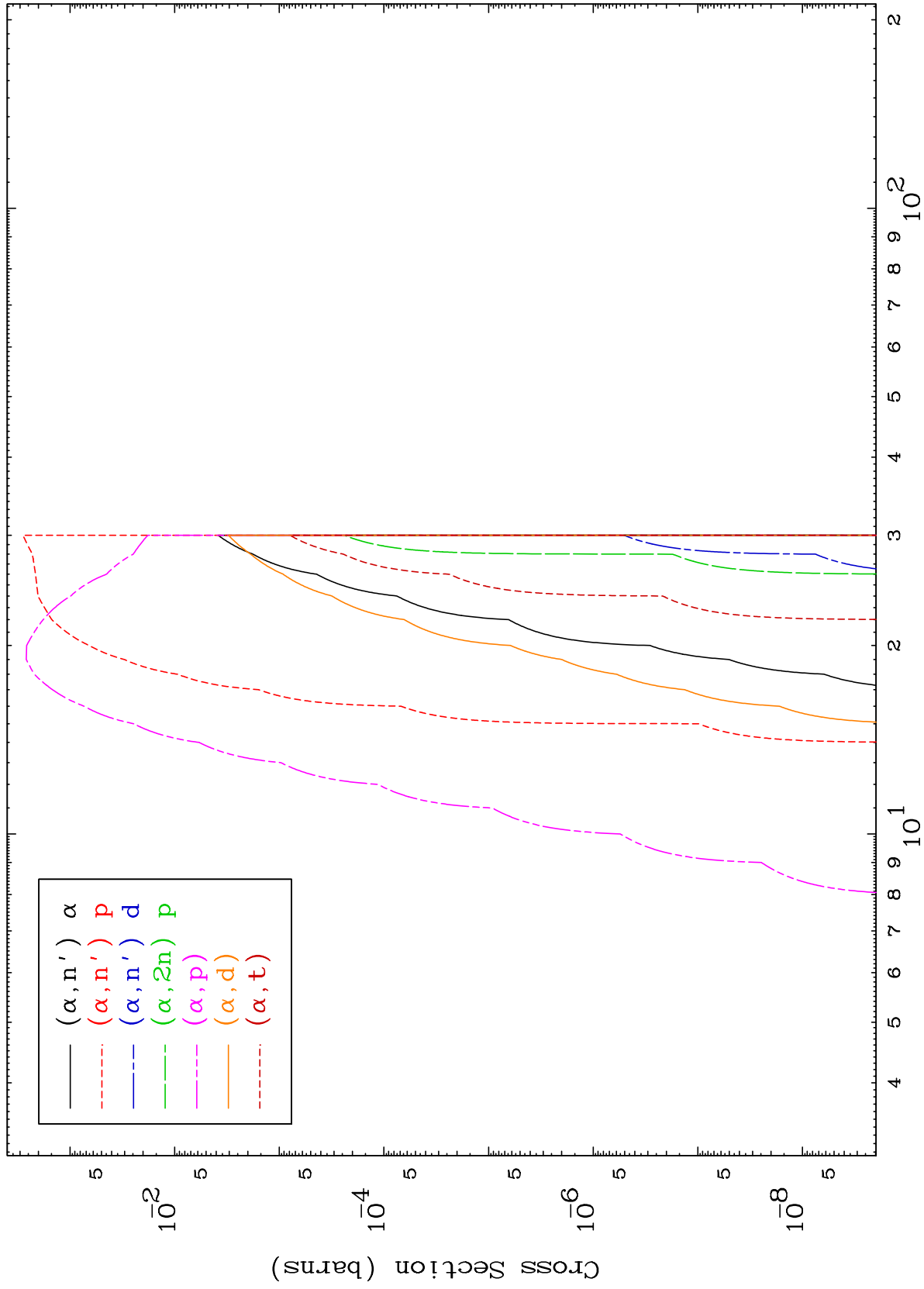
57-La-124



2

Incident Energy (MeV)

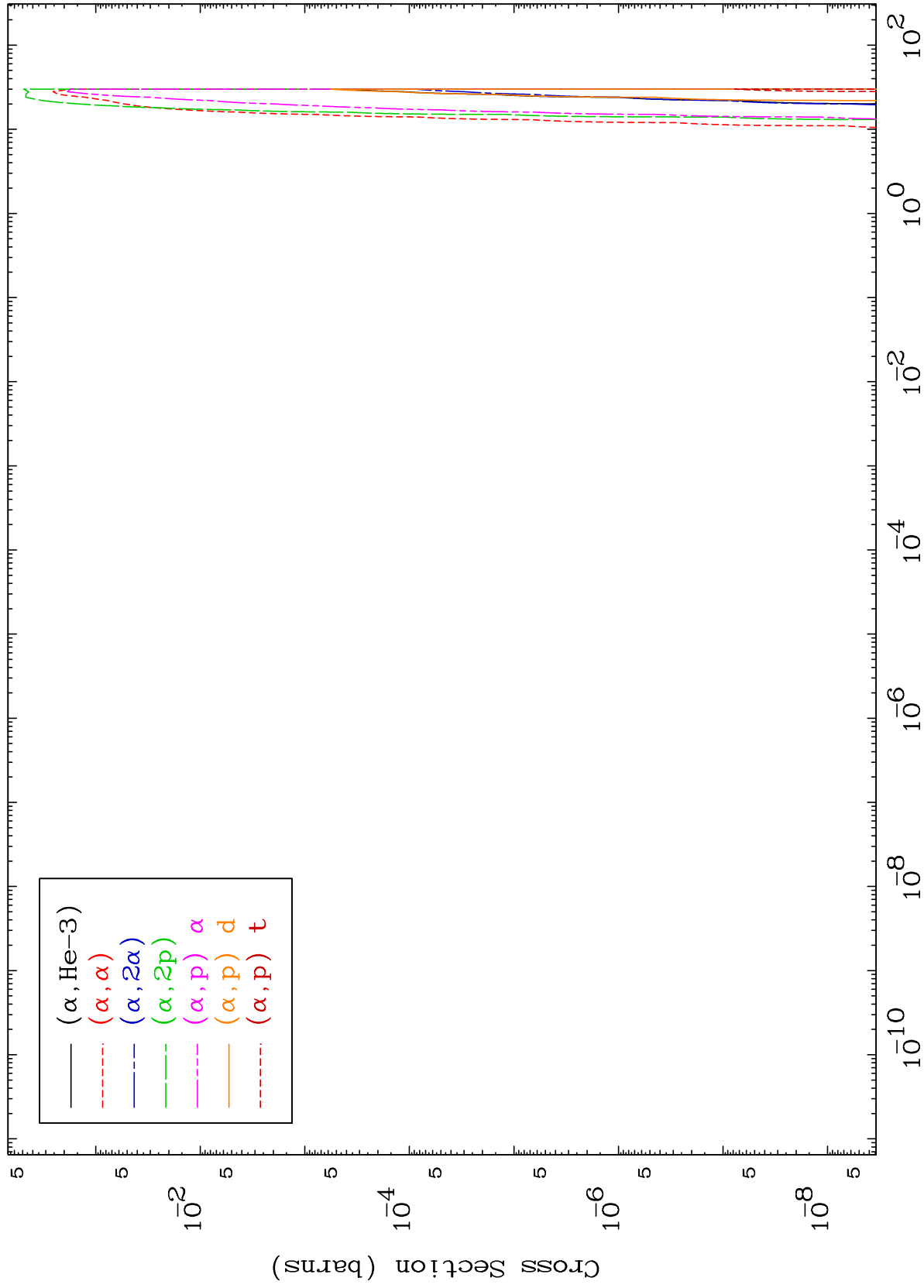
57-La-124



MAT 5683

α Charged Particle
0 Kelvin Cross Sections

57-La-124

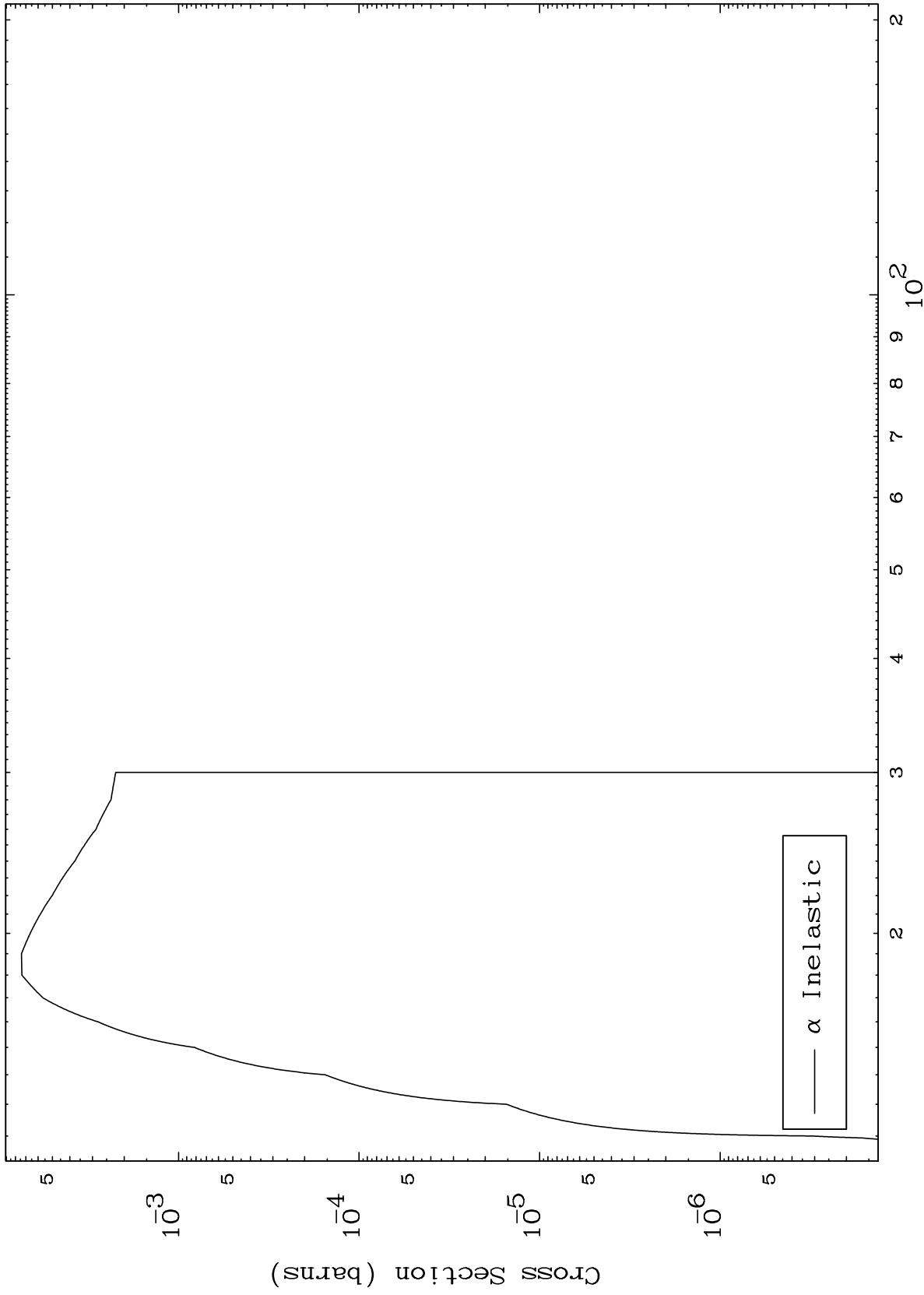


57-La-124

MAT 5683

(α, n') Level
0 Kelvin Cross Sections

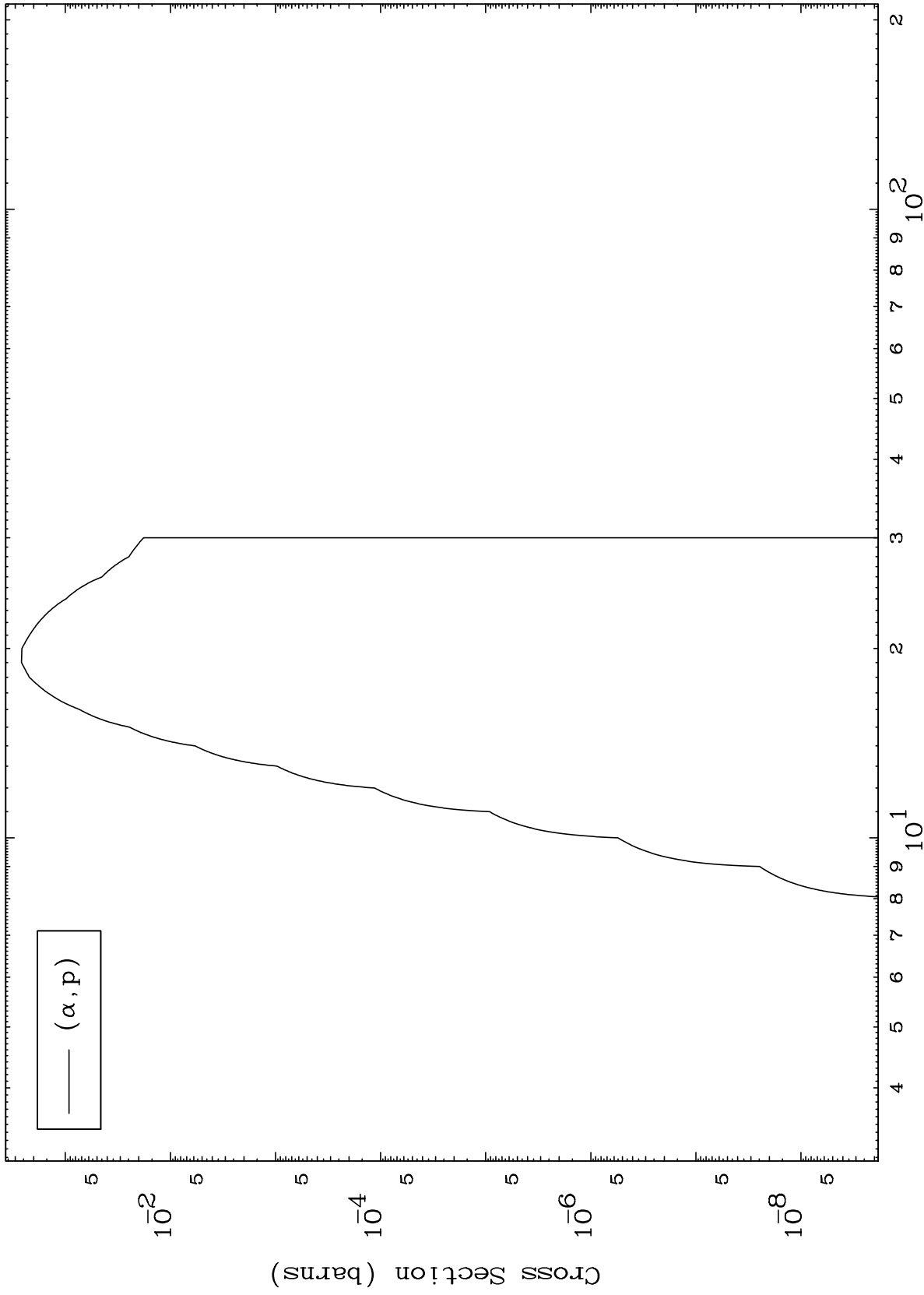
57-La-124

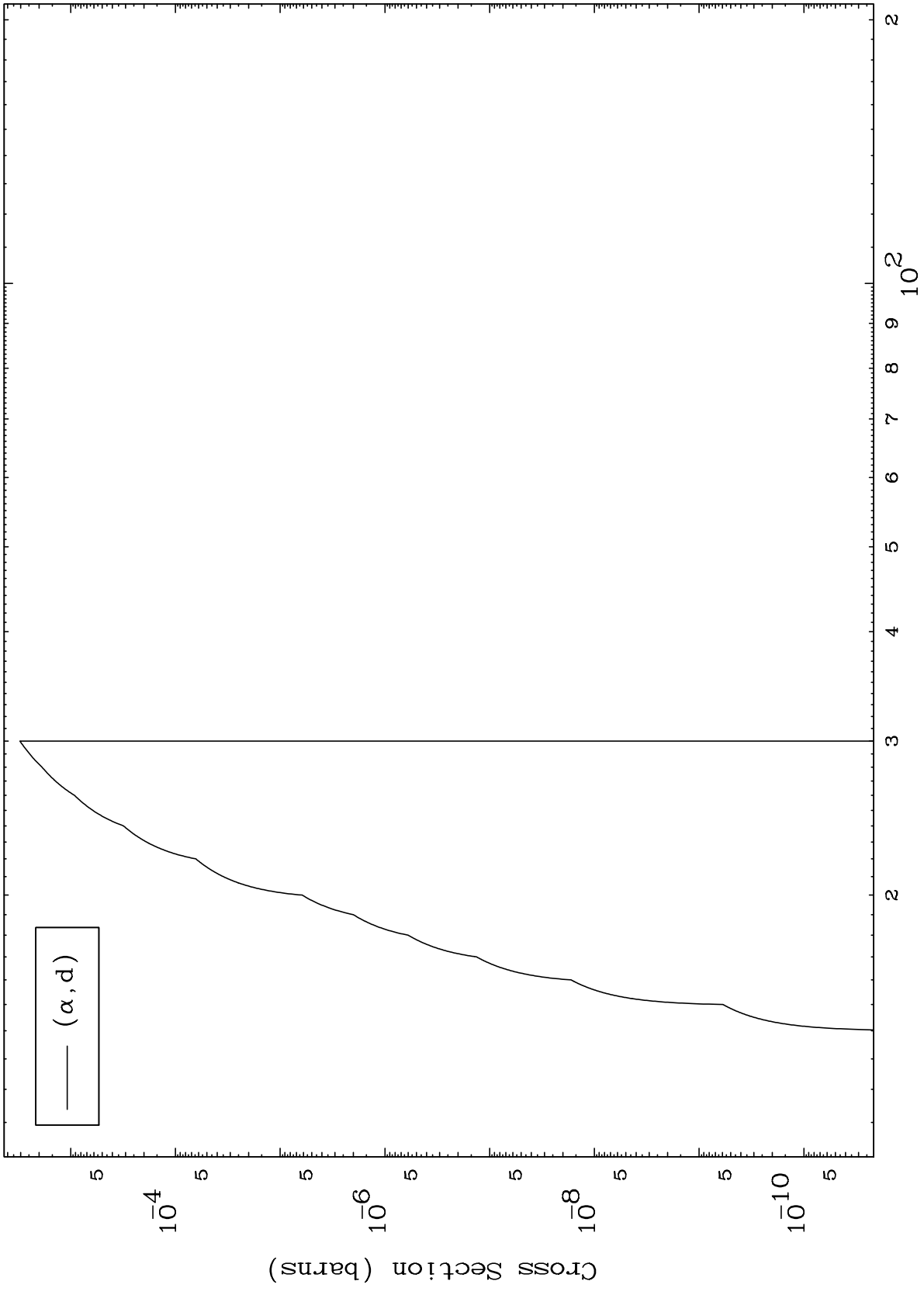


5

Incident Energy (MeV)

57-La-124

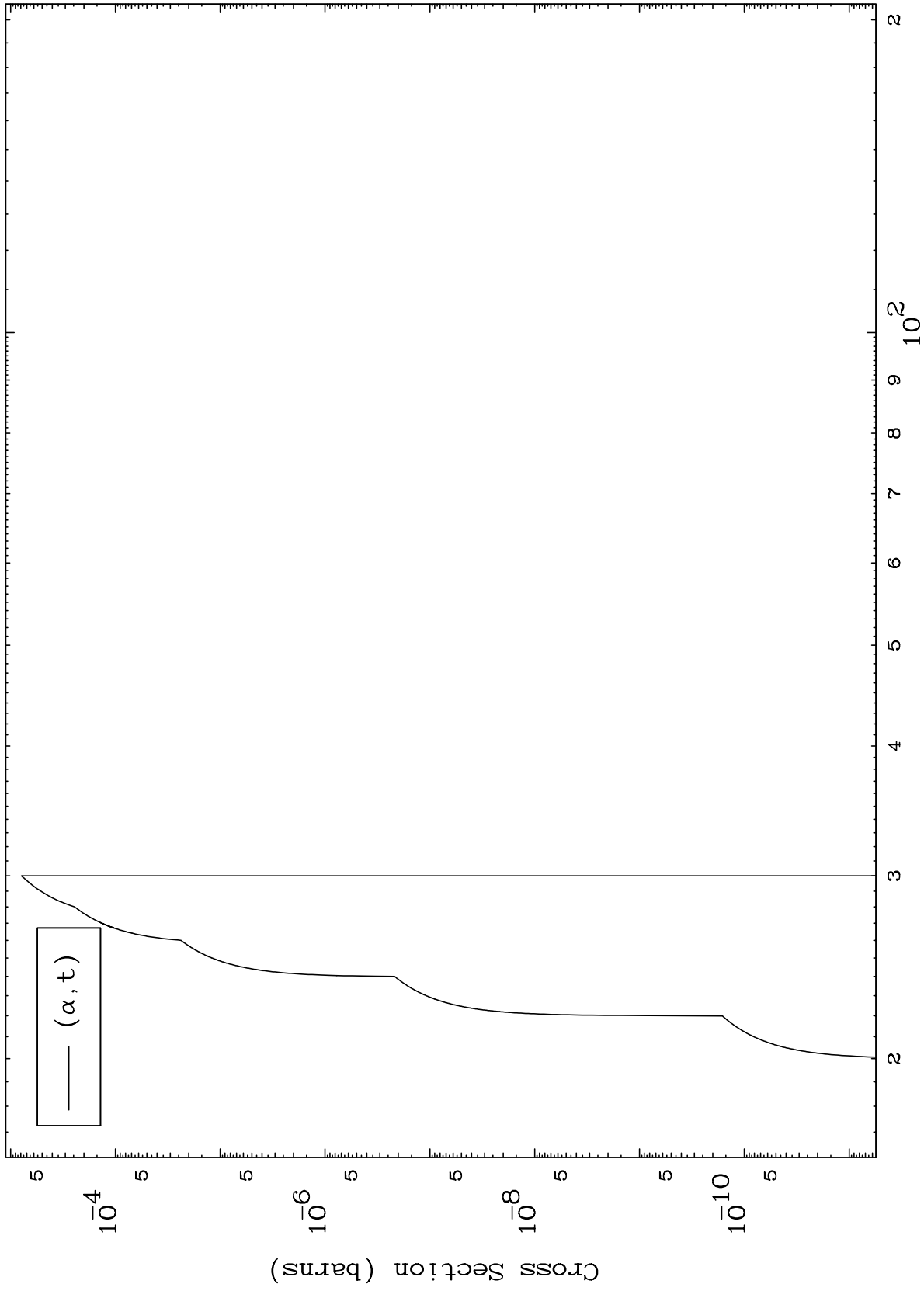




MAT 5683

(α, t) Levels
0 Kelvin Cross Sections

57-La-124



8

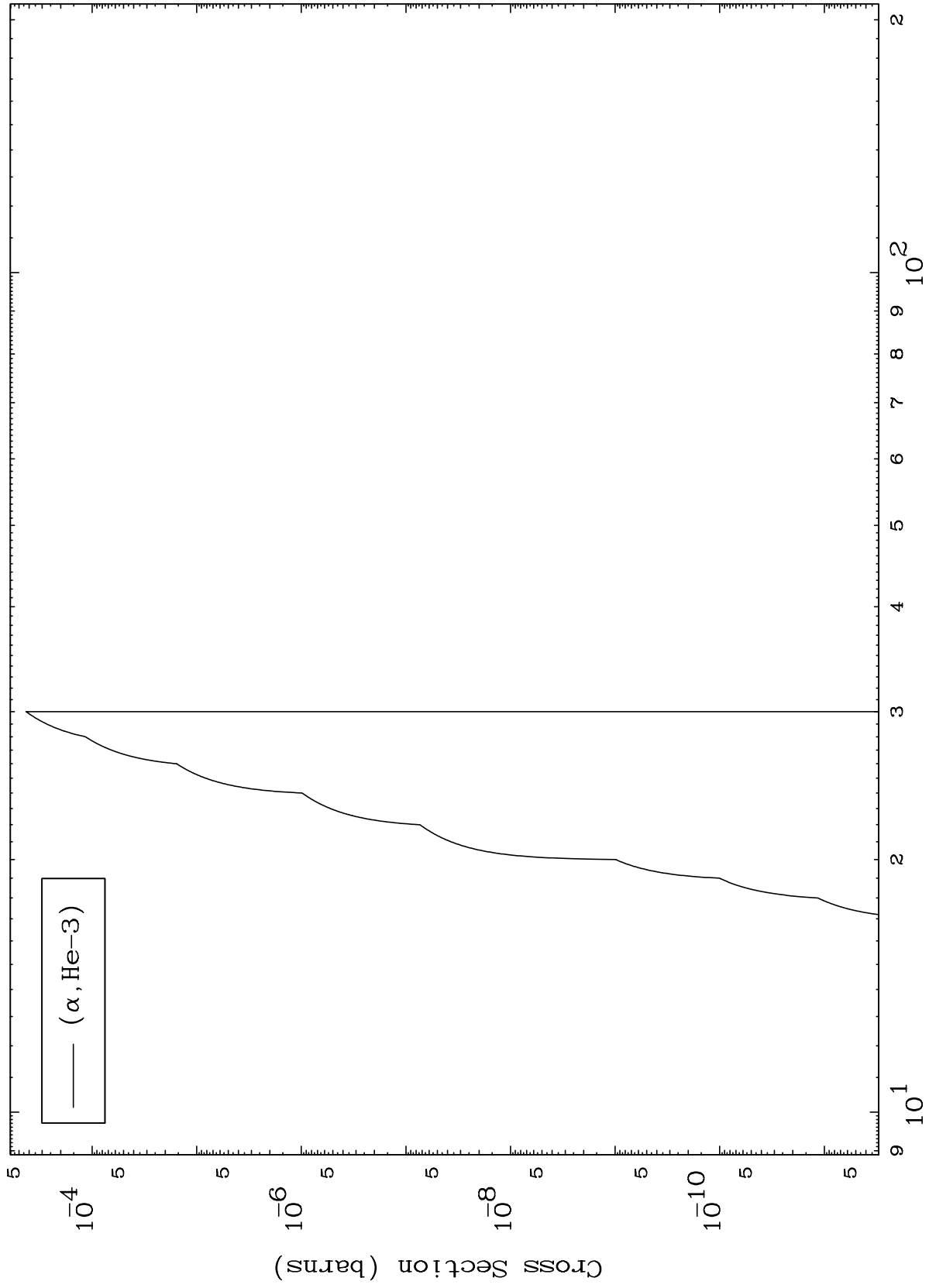
Incident Energy (MeV)

57-La-124

MAT 5683

(α ,He3) Levels
0 Kelvin Cross Sections

57-La-124



9

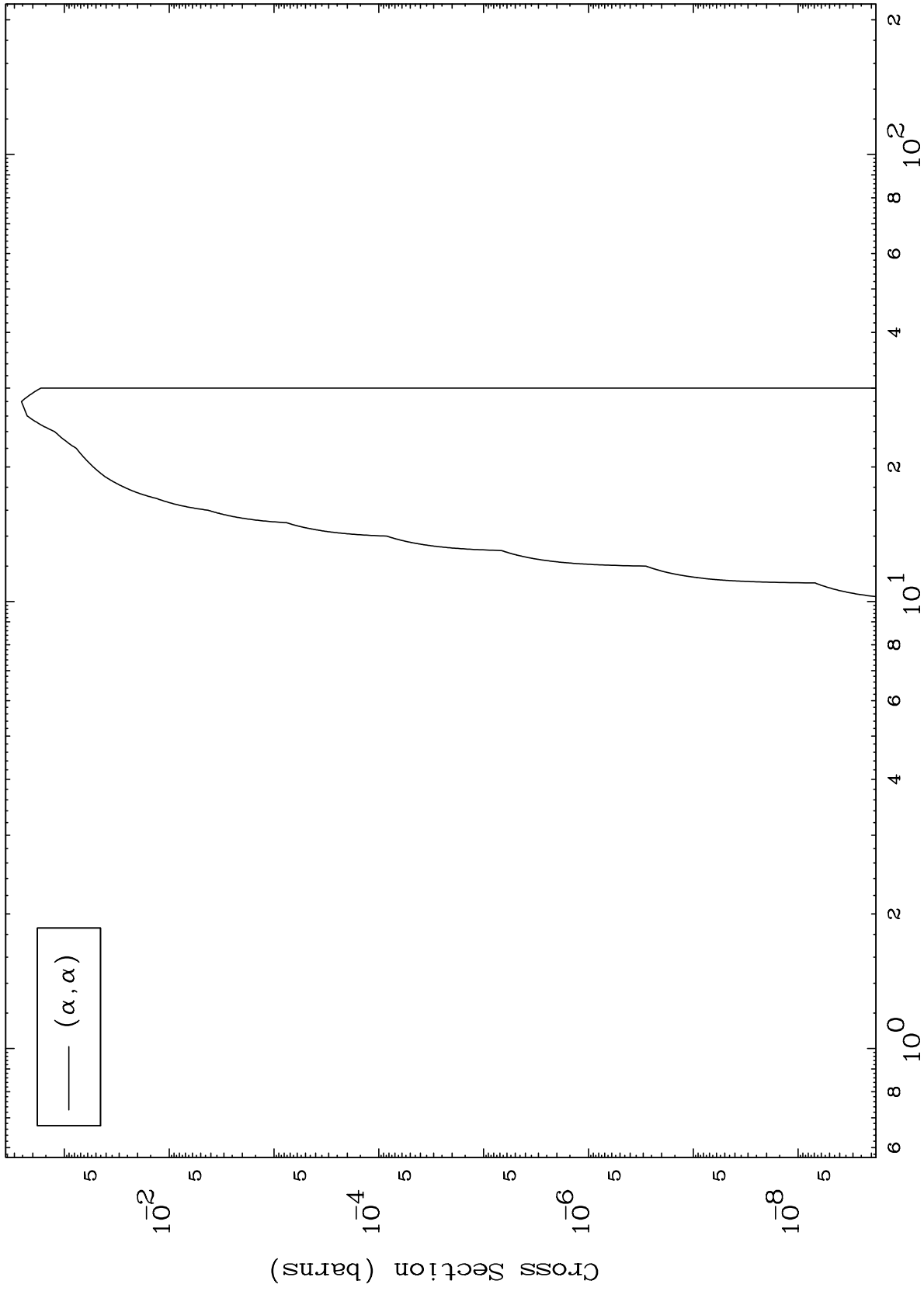
Incident Energy (MeV)

57-La-124

MAT 5683

(α, α) Levels
0 Kelvin Cross Sections

57-La-124



10

Incident Energy (MeV)

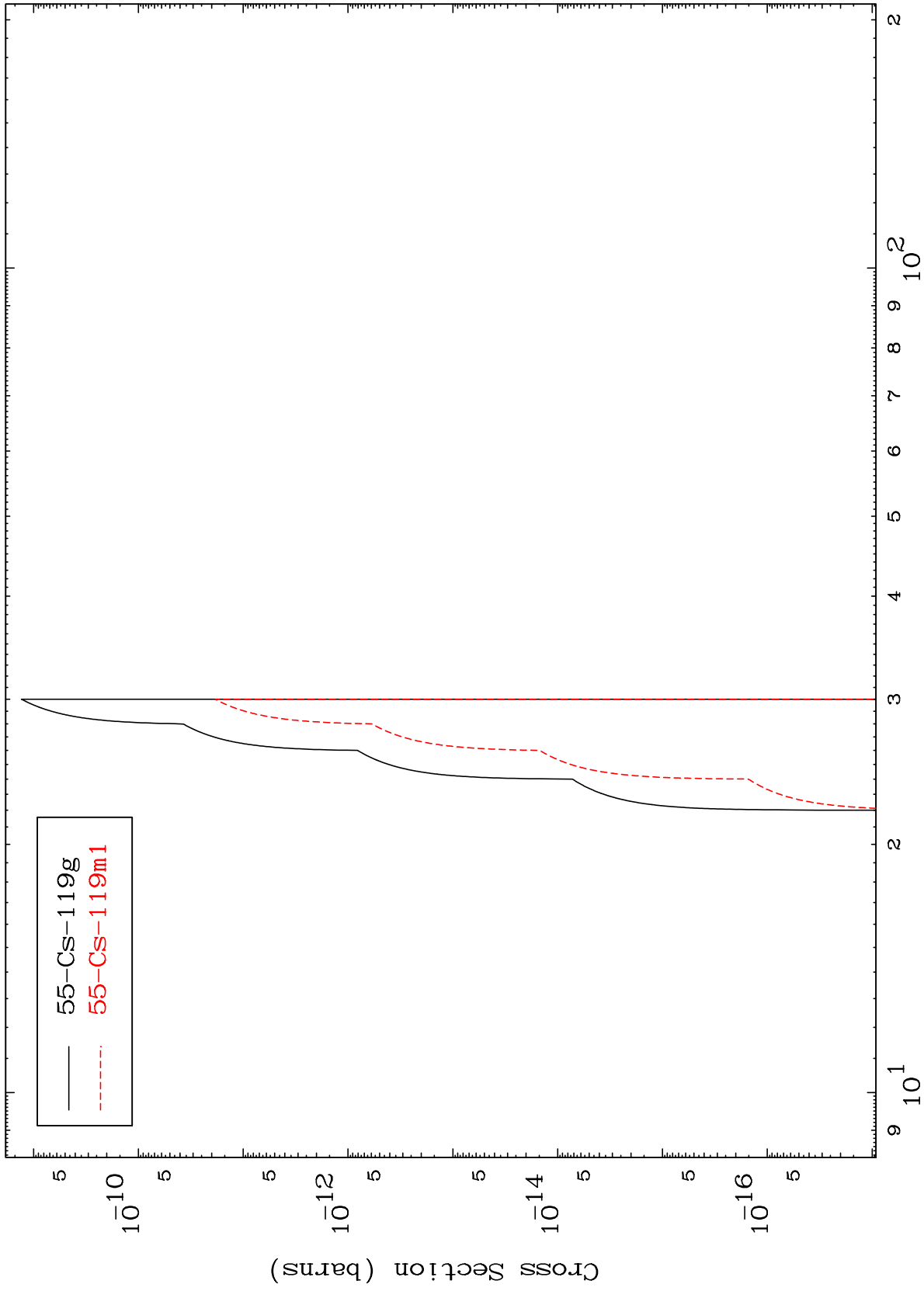
57-La-124

MAT 5683

(α, n') 2α

57-La-124

Radionuclide Production Cross Section



55-Cs-119g
55-Cs-119m1

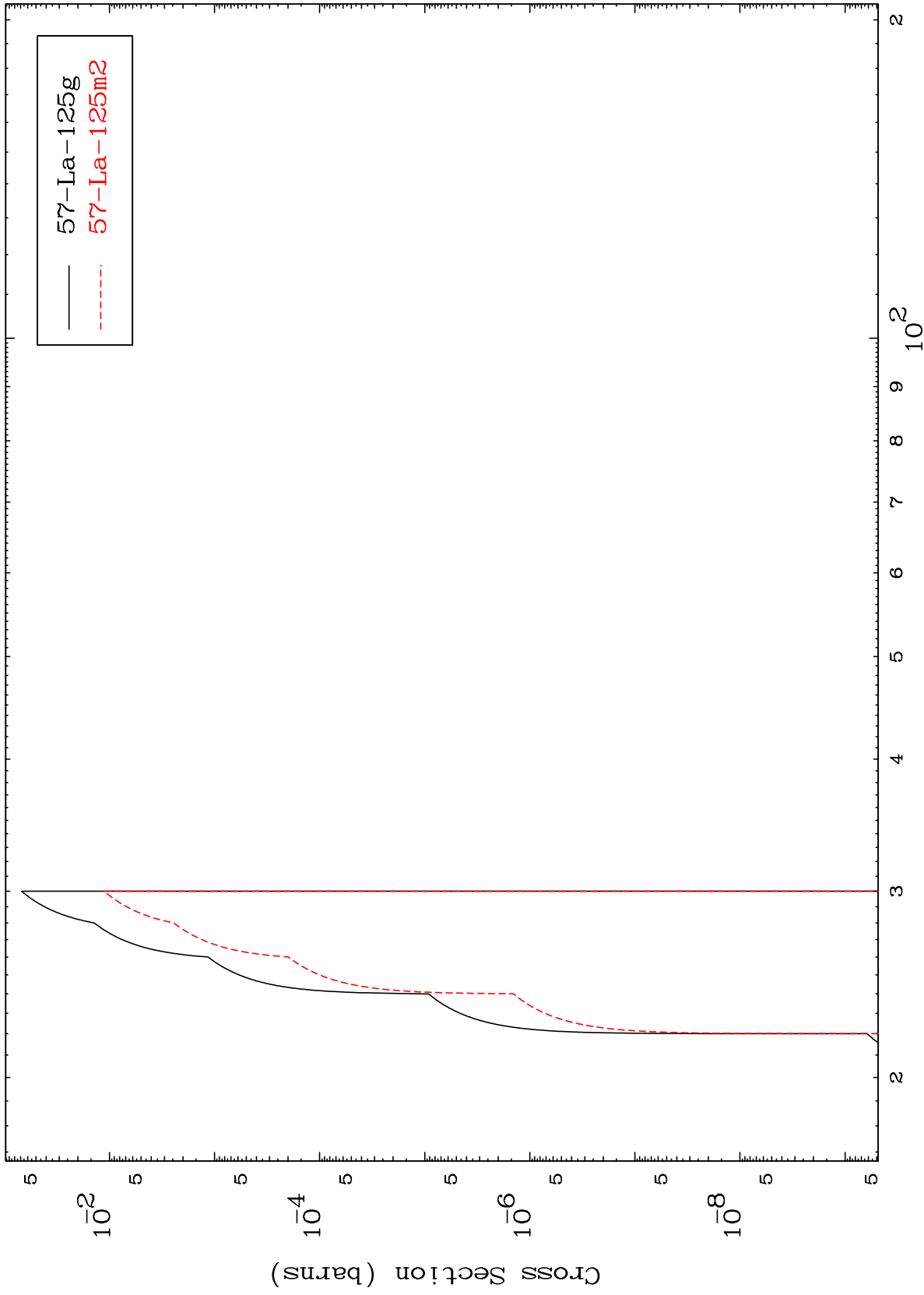
11

MAT 5683

($\alpha, 2n$) p

57-La-124

Radionuclide Production Cross Section



12

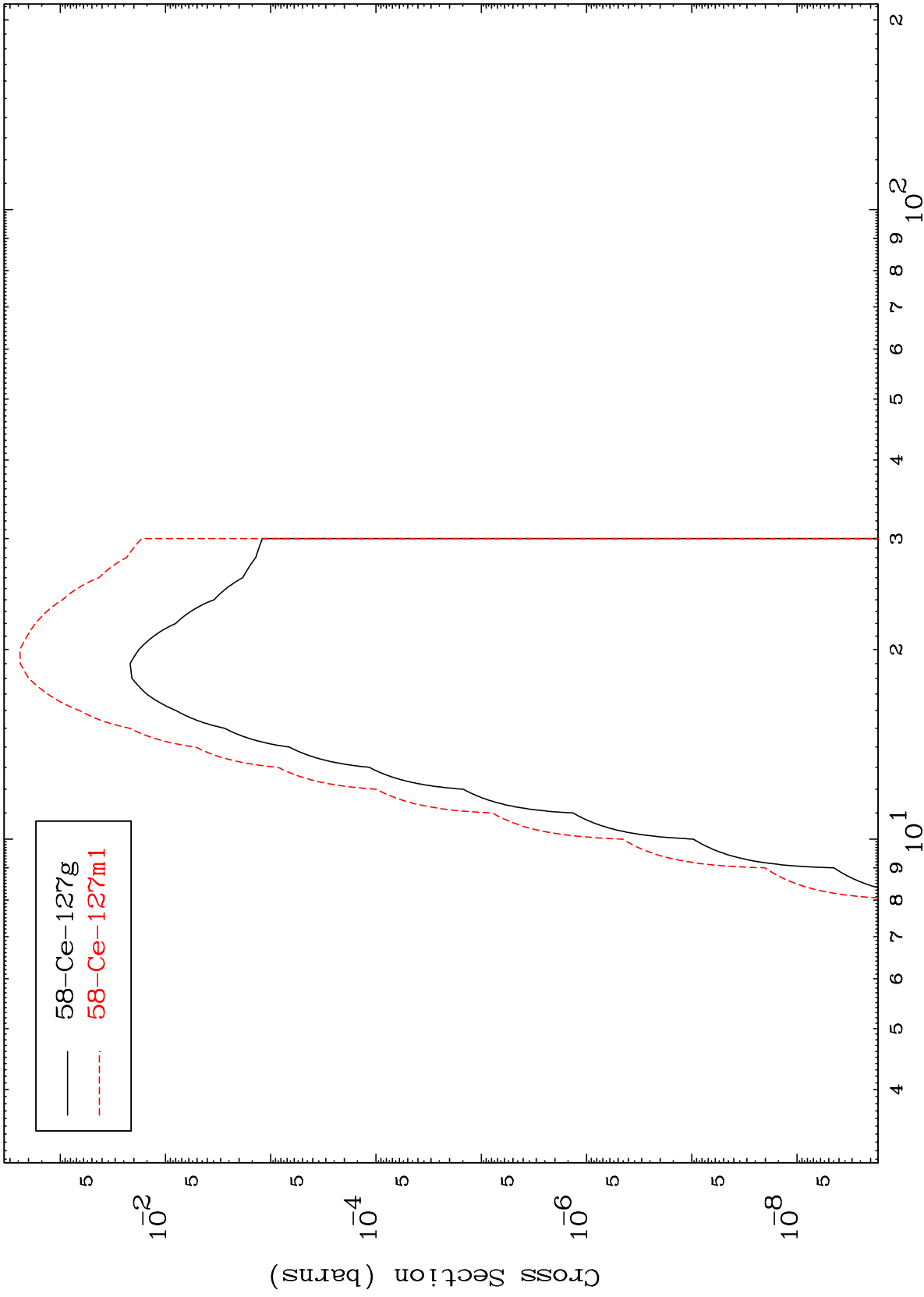
Incident Energy (MeV)

57-La-124

MAT 5683

57-La-124

(α, p)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

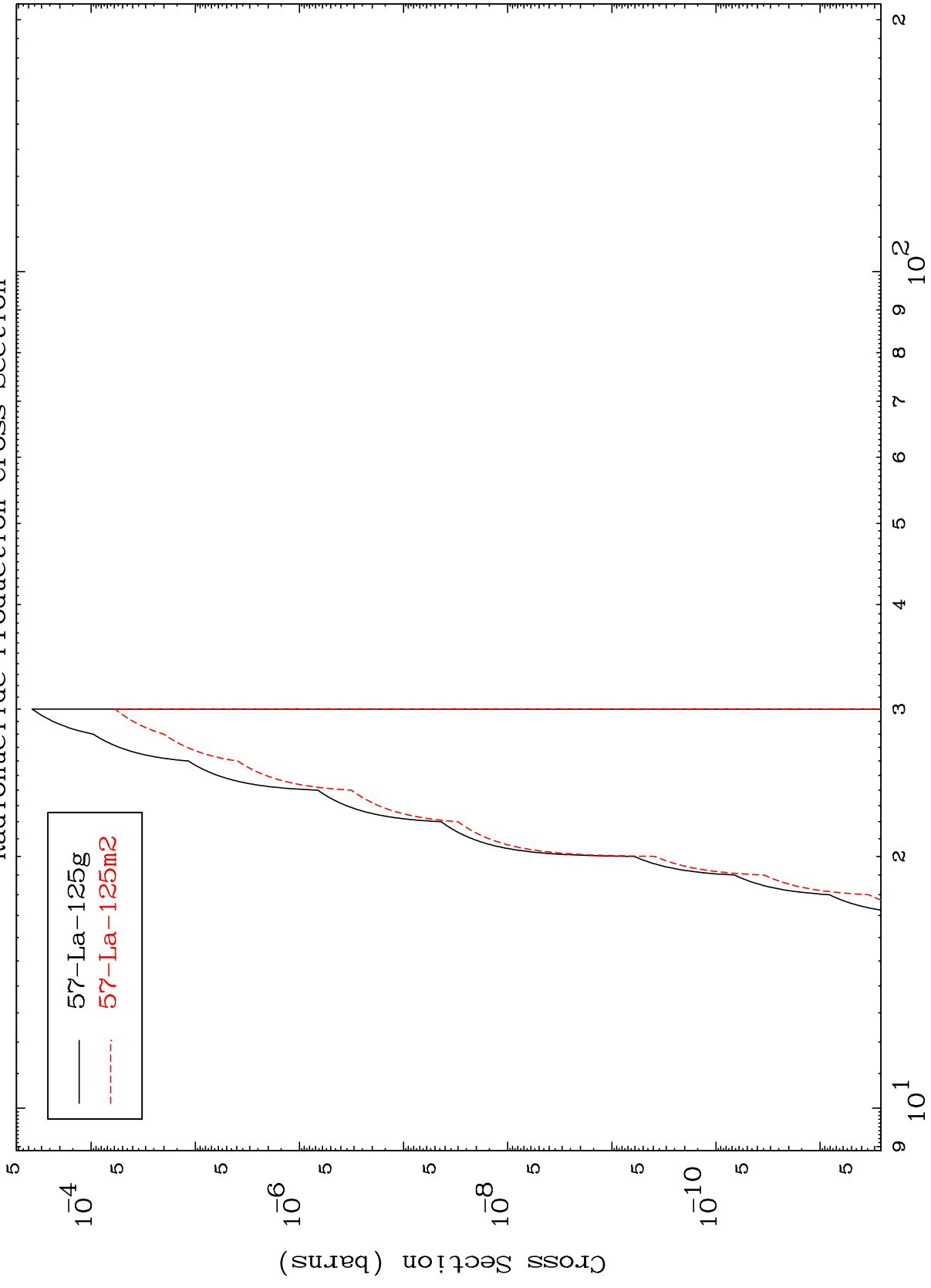
57-La-124

MAT 5683

($\alpha, \text{He-3}$)

57-La-124

Radionuclide Production Cross Section



— 57-La-125g
- - - 57-La-125m2

14

Incident Energy (MeV)

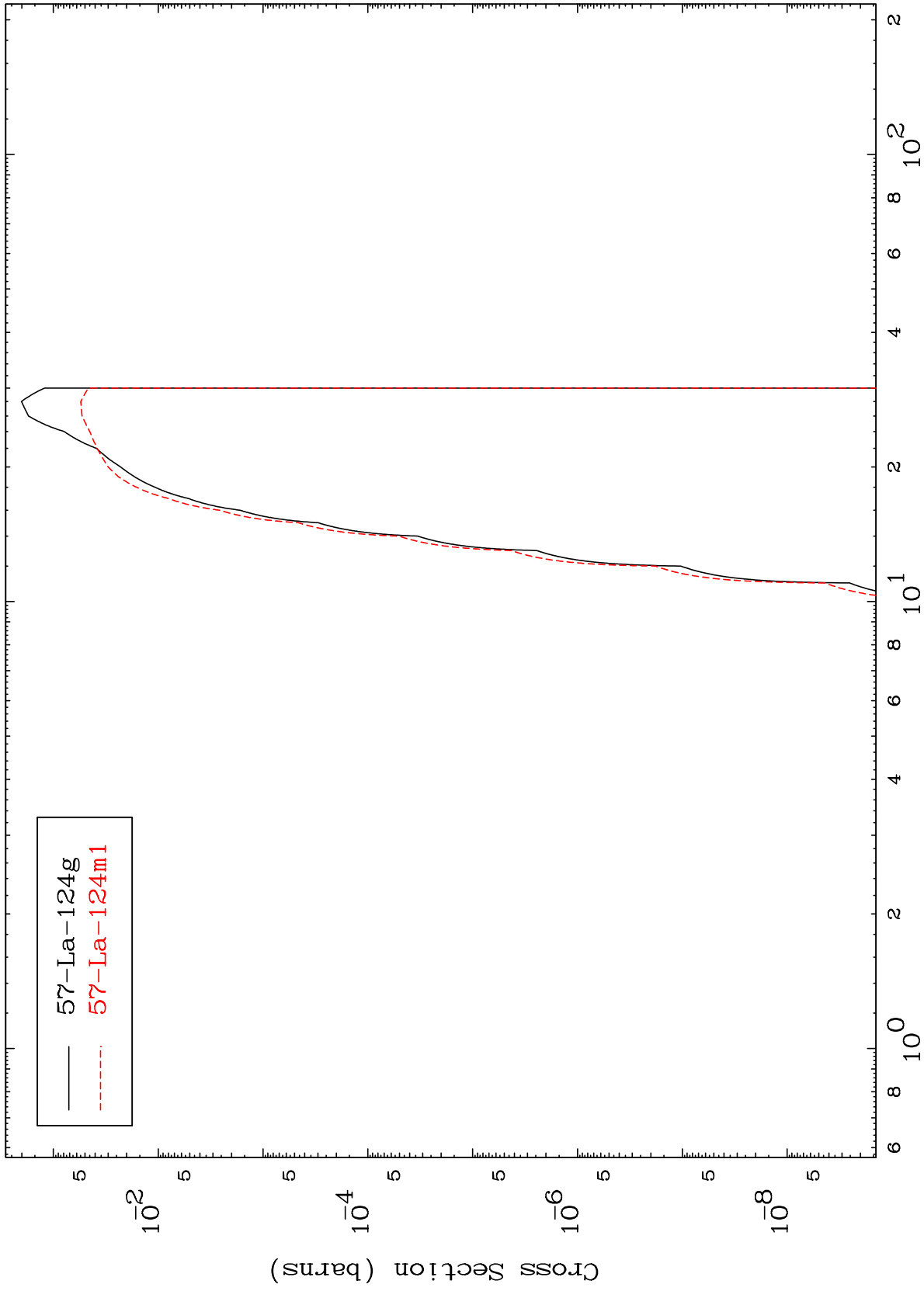
57-La-124

MAT 5683

(α, α)

57-La-124

Radionuclide Production Cross Section



15

Incident Energy (MeV)

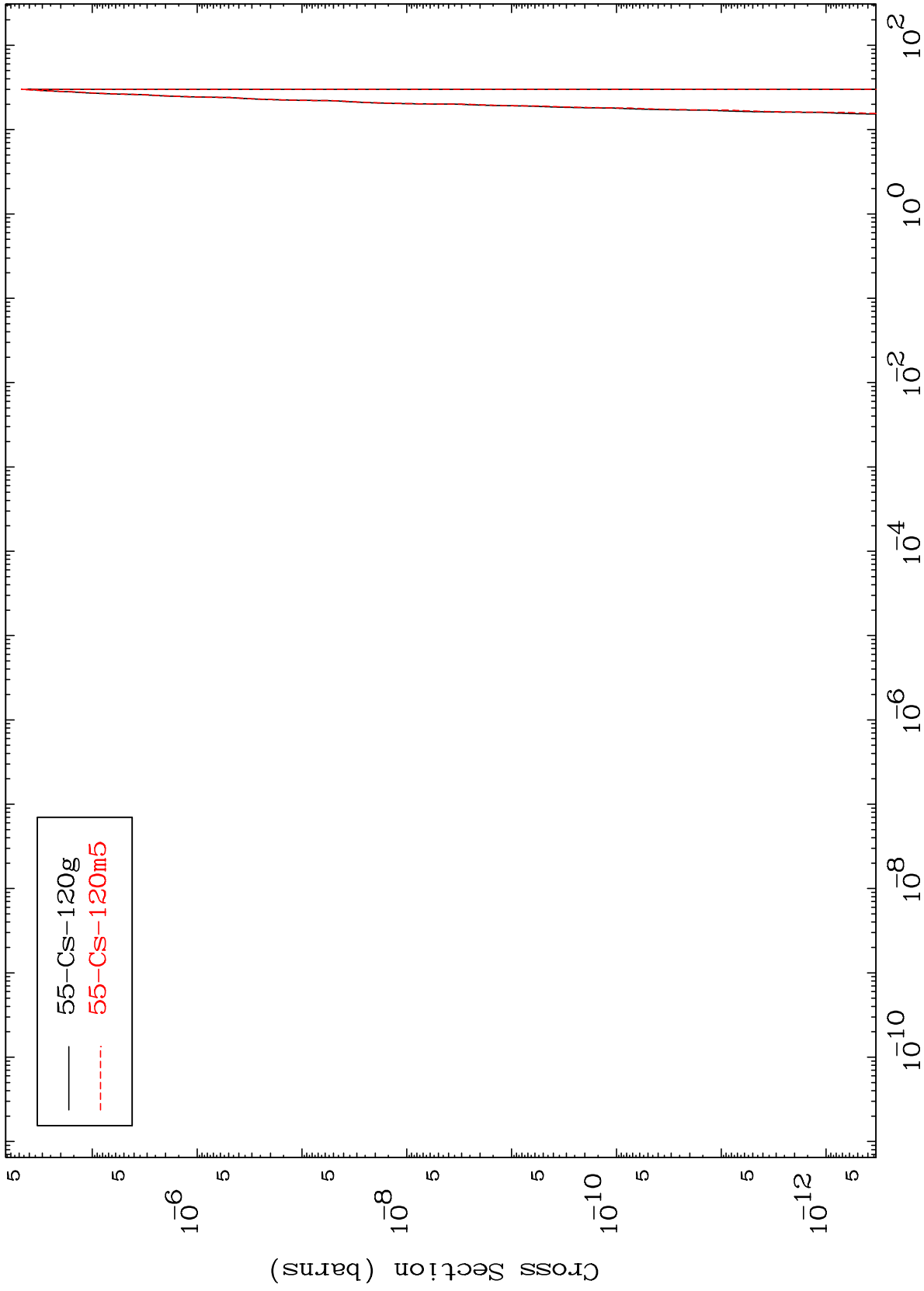
57-La-124

MAT 5683

($\alpha, 2\alpha$)

57-La-124

Radionuclide Production Cross Section



16

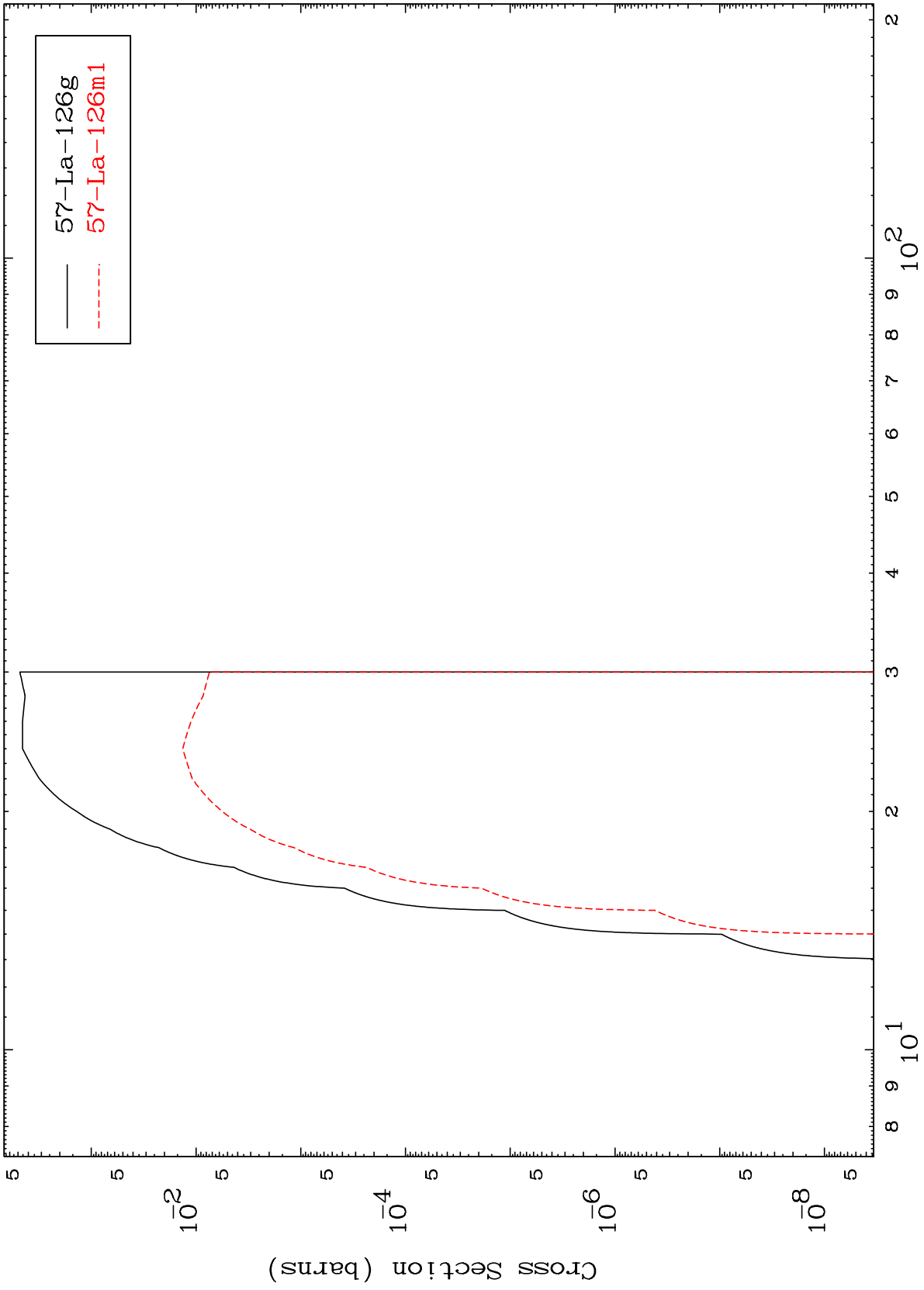
Incident Energy (MeV)

57-La-124

MAT 5683

57-La-124

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



17

Incident Energy (MeV)

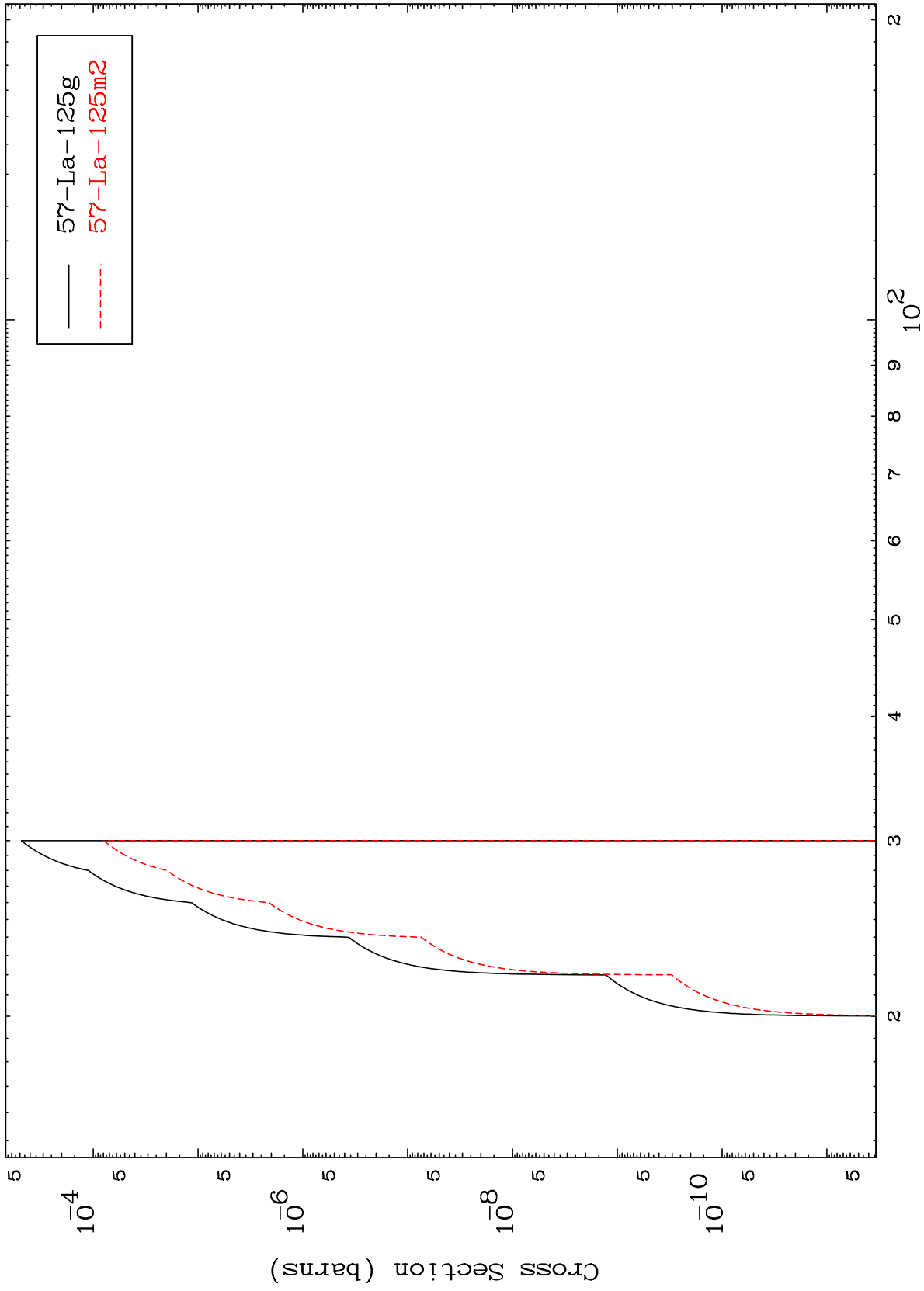
57-La-124

MAT 5683

(α, p) d

57-La-124

Radionuclide Production Cross Section



18

Incident Energy (MeV)

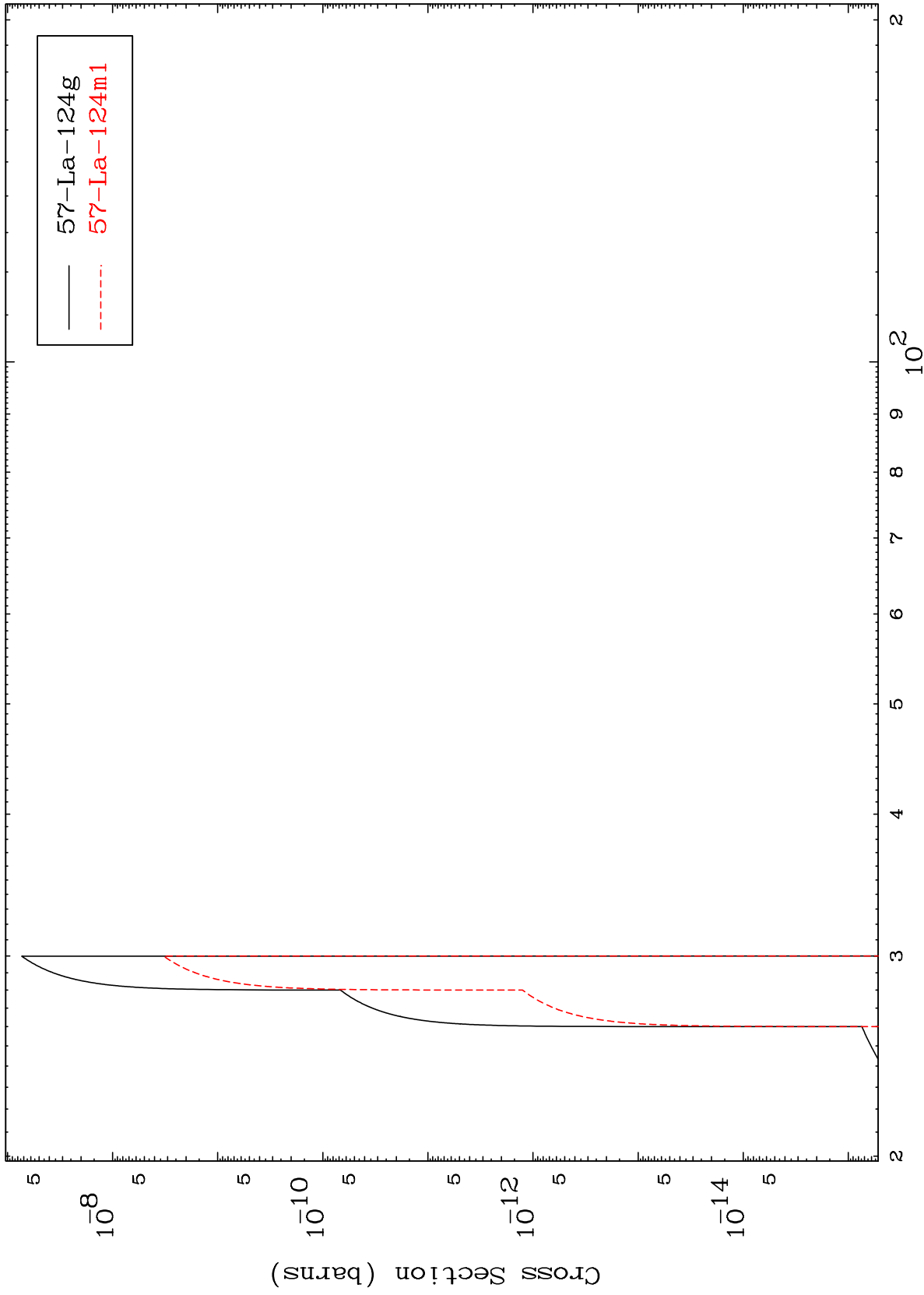
57-La-124

MAT 5683

(α, p) t

57-La-124

Radionuclide Production Cross Section



19

Incident Energy (MeV)

57-La-124