

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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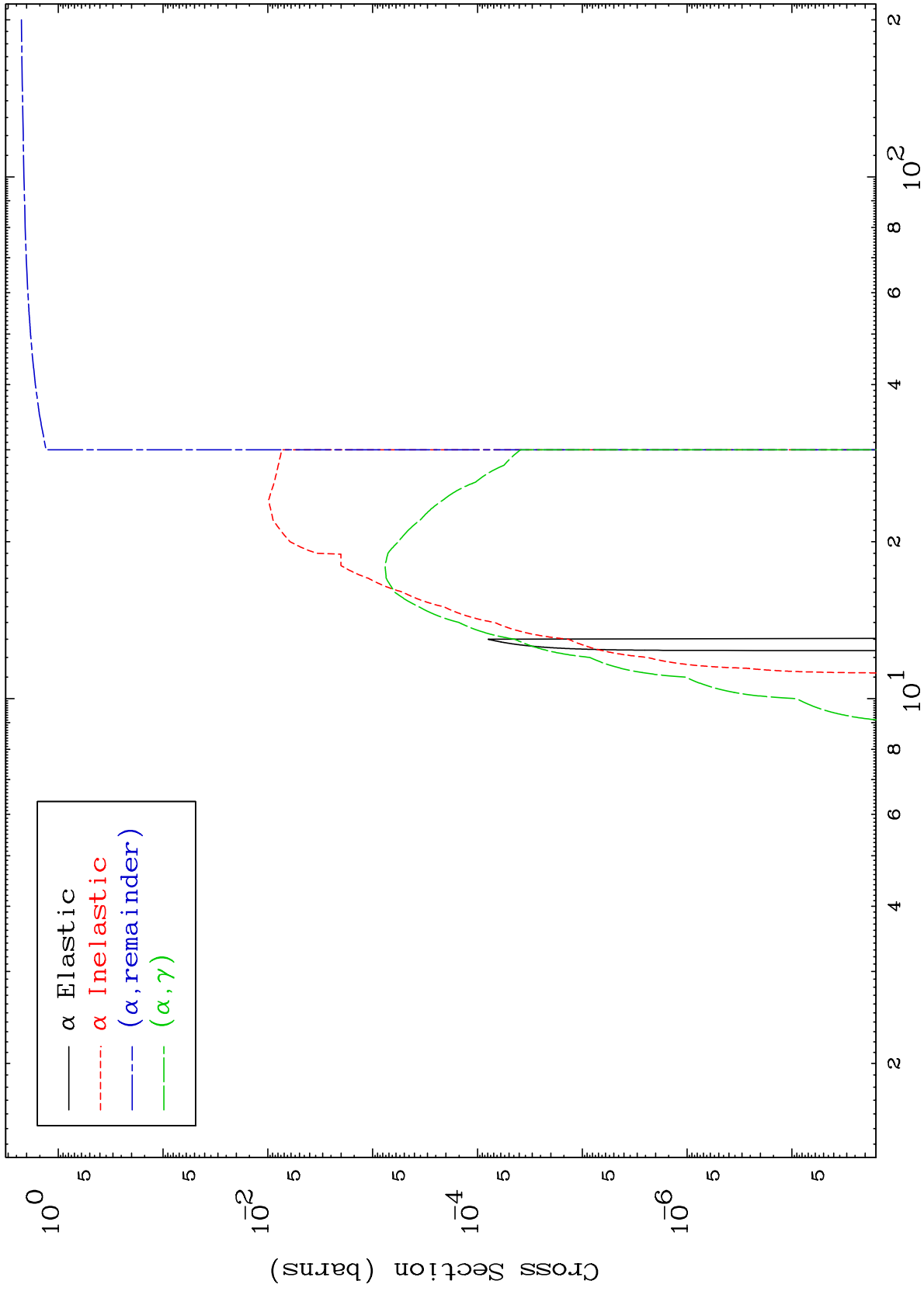
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5689

0 Kelvin α Major
Cross Sections

57-La-126



1

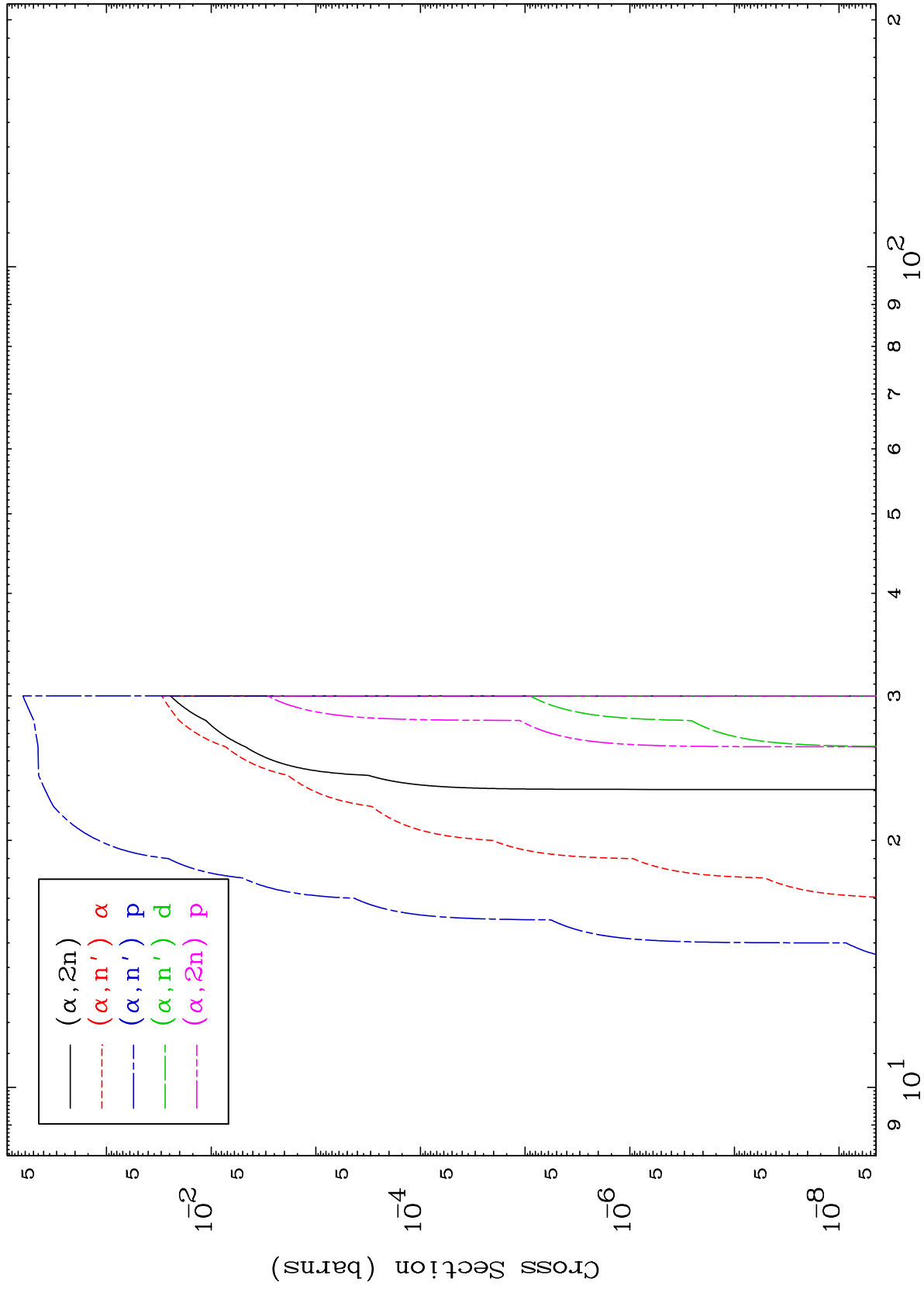
Incident Energy (MeV)

57-La-126

MAT 5689

α Neutron Production
0 Kelvin Cross Sections

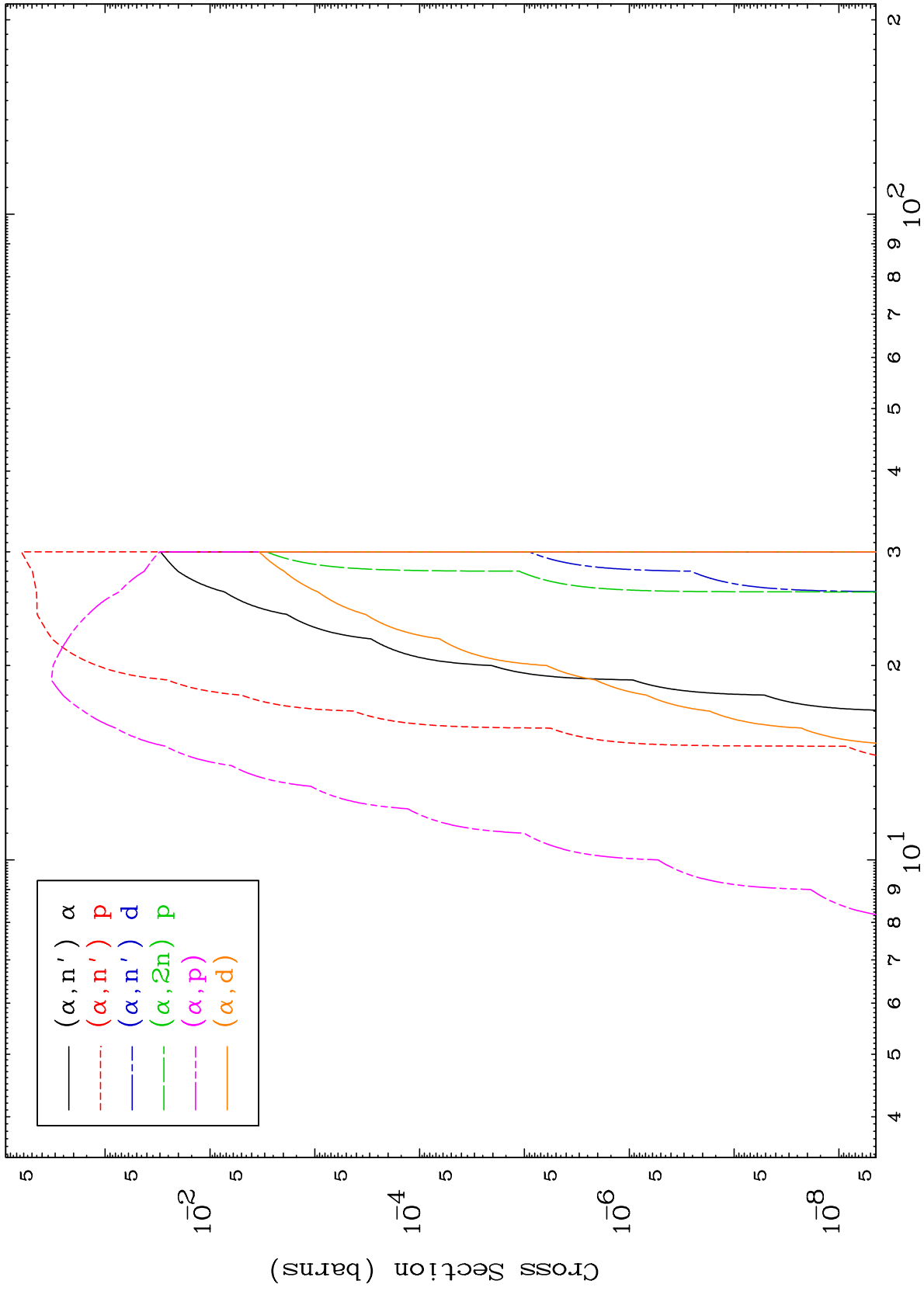
57-La-126



2

Incident Energy (MeV)

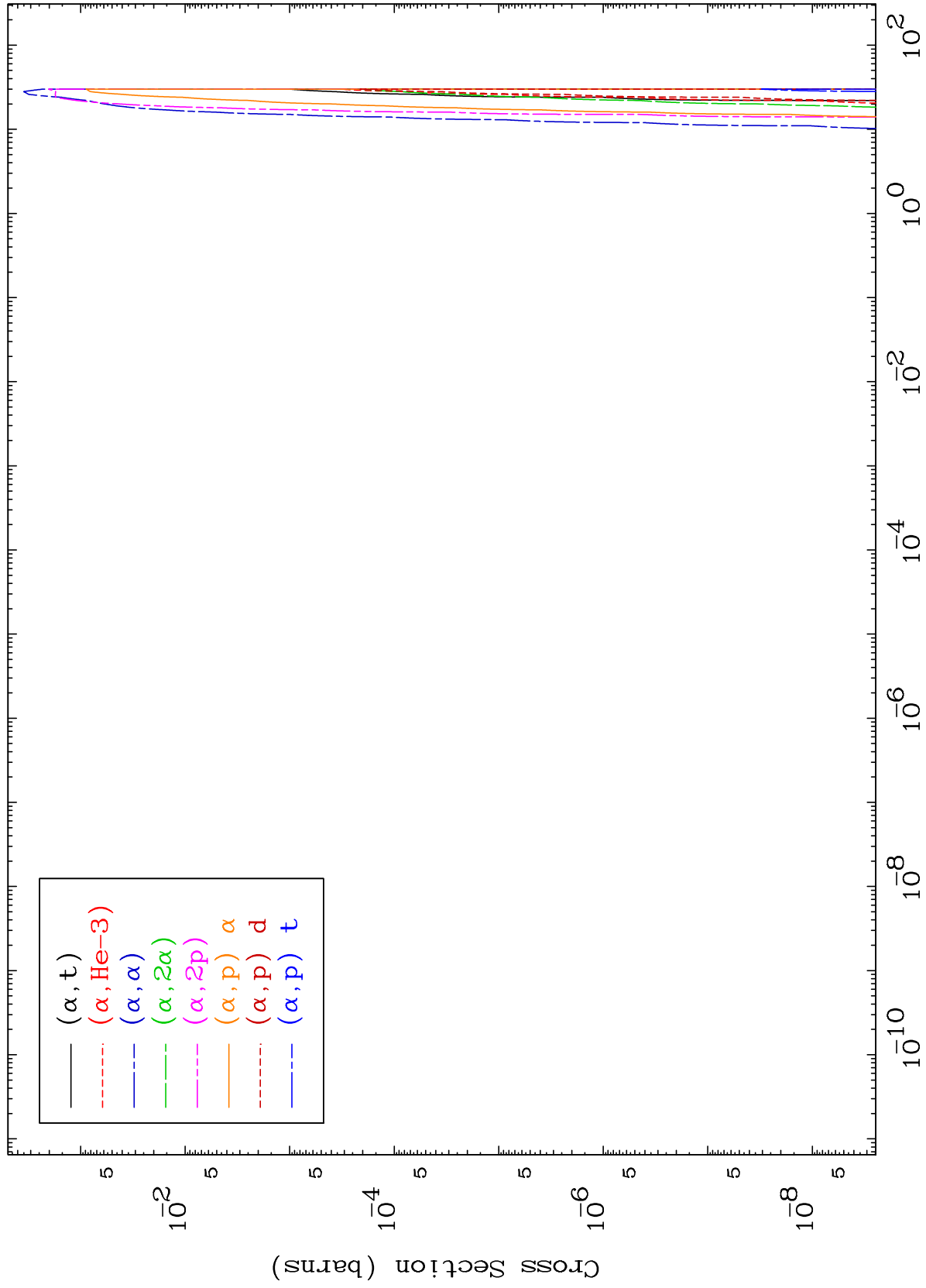
57-La-126



MAT 5689

α Charged Particle
0 Kelvin Cross Sections

57-La-126

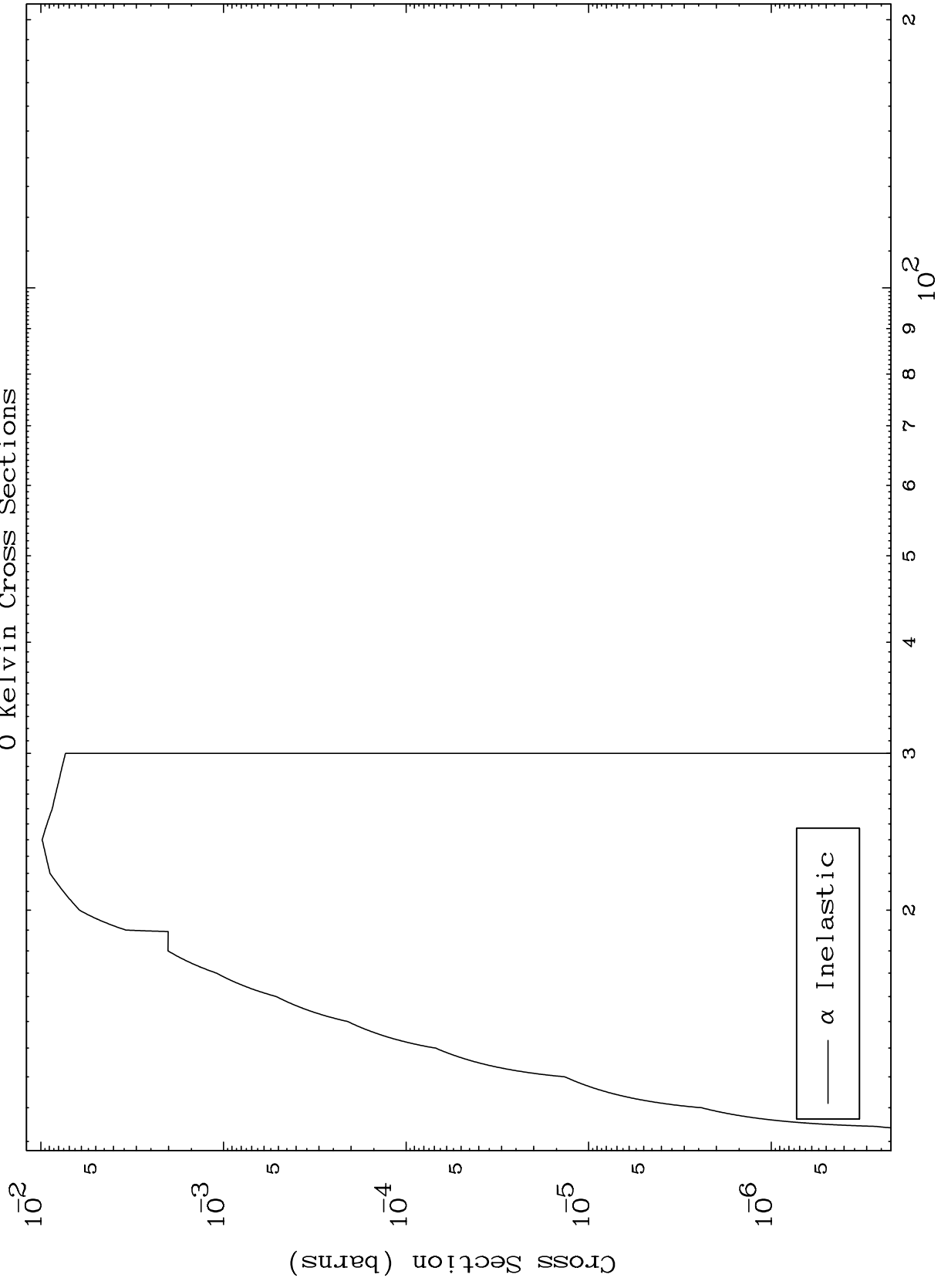


57-La-126

MAT 5689

(α, n') Level
0 Kelvin Cross Sections

57-La-126



5

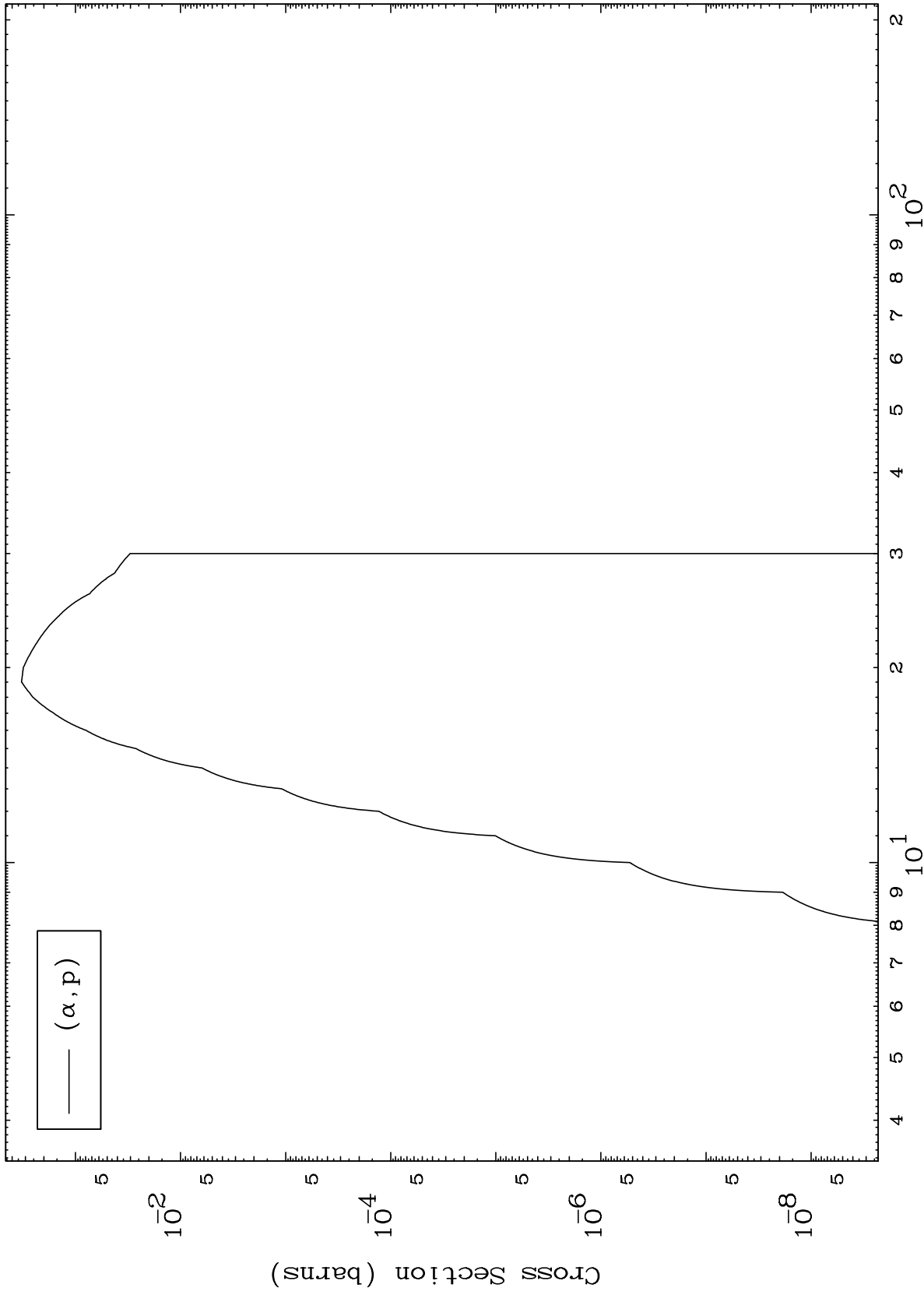
Incident Energy (MeV)

57-La-126

MAT 5689

(α, p) Levels
0 Kelvin Cross Sections

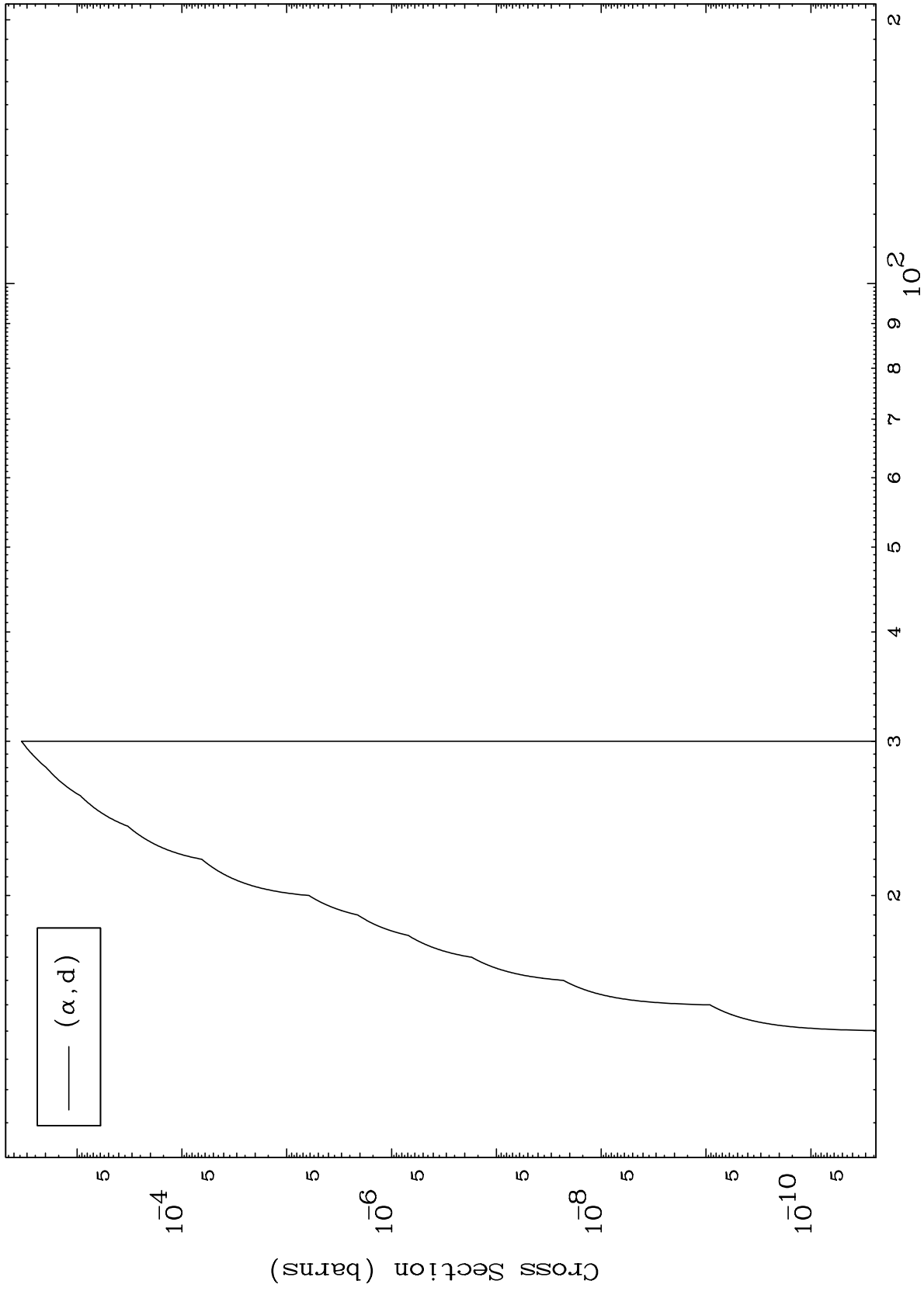
57-La-126



6

Incident Energy (MeV)

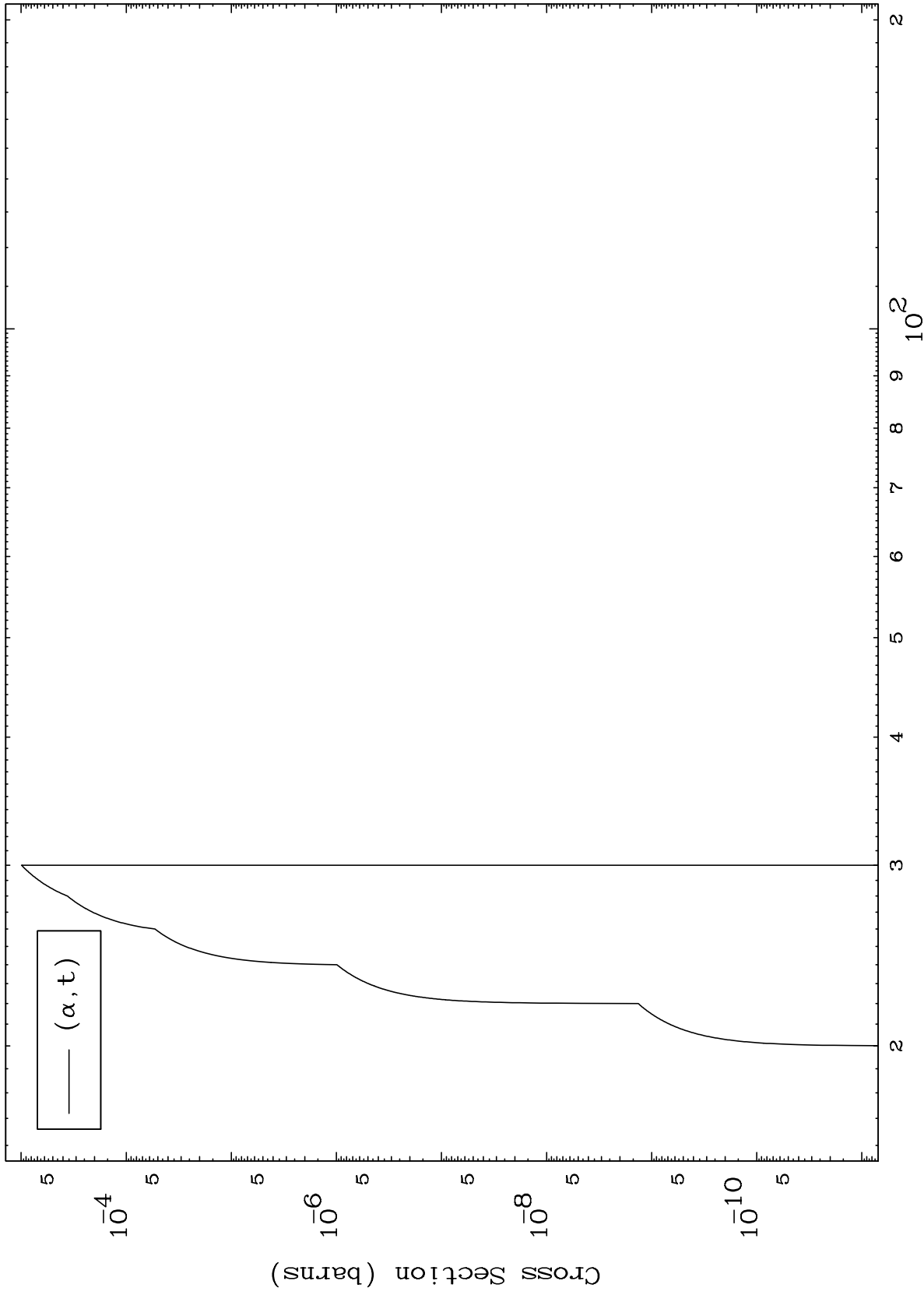
57-La-126



MAT 5689

(α, t) Levels
0 Kelvin Cross Sections

57-La-126



8

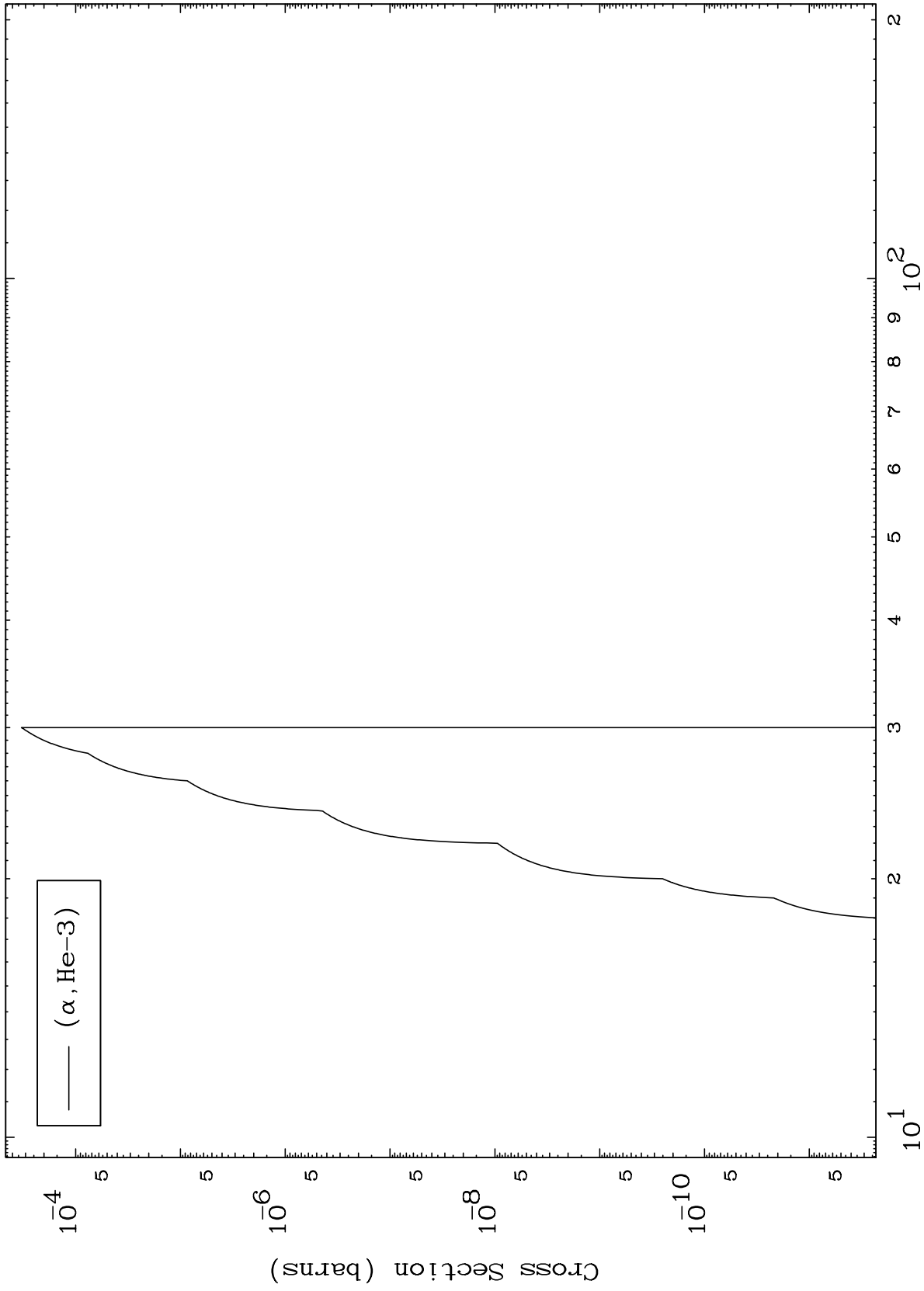
Incident Energy (MeV)

57-La-126

MAT 5689

(α ,He3) Levels
0 Kelvin Cross Sections

57-La-126



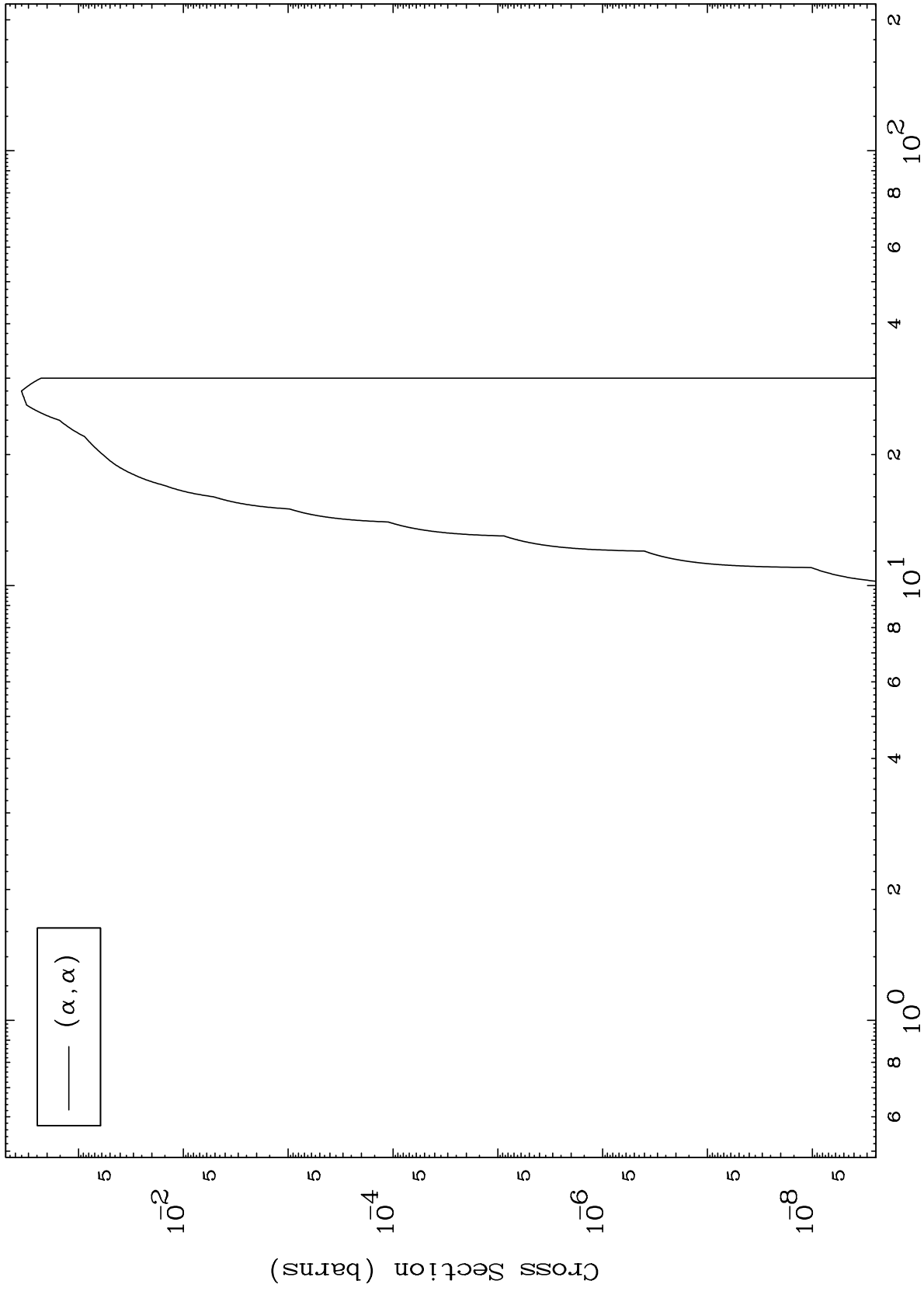
Incident Energy (MeV)

57-La-126

MAT 5689

(α, α) Levels
0 Kelvin Cross Sections

57-La-126



10

Incident Energy (MeV)

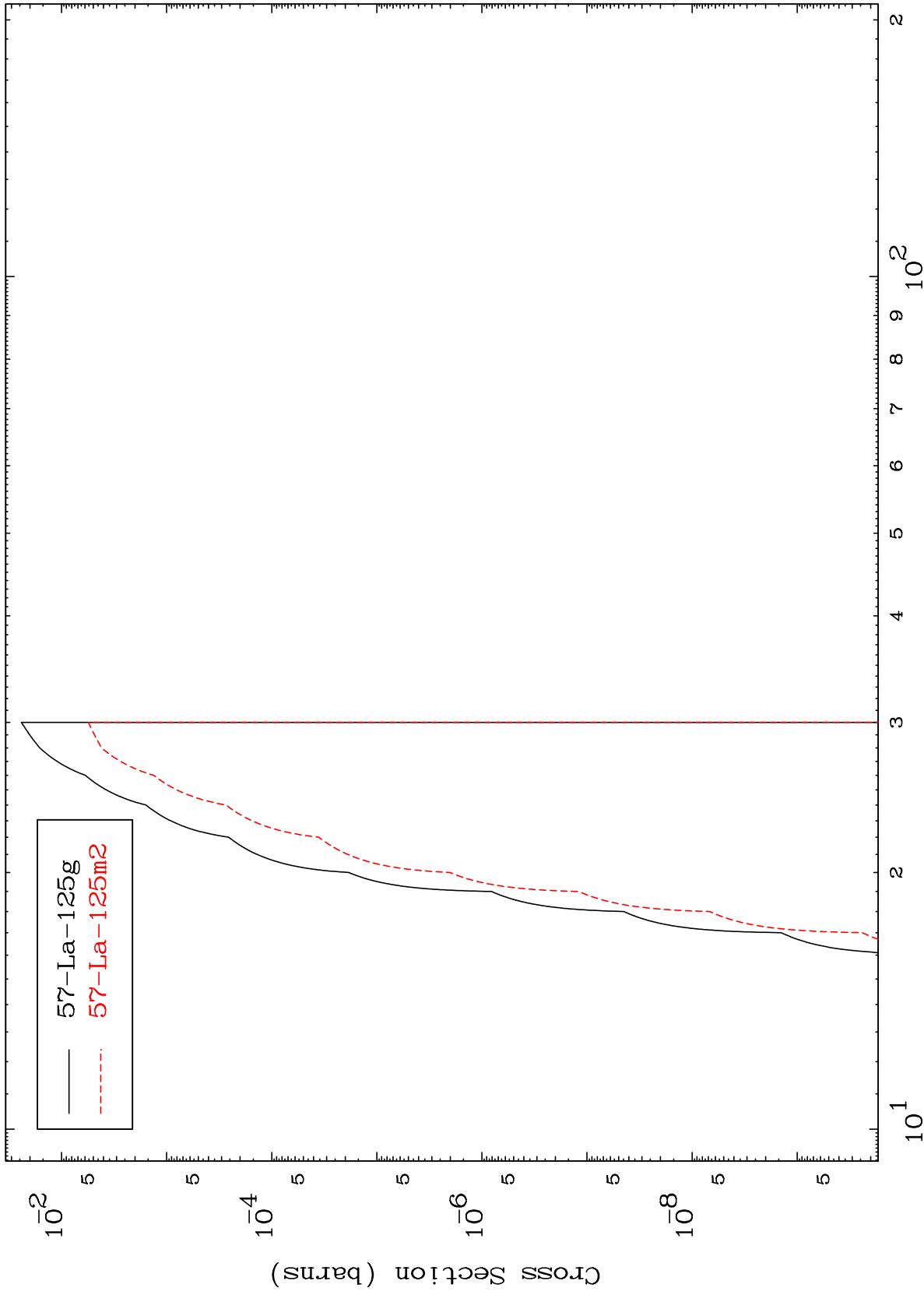
57-La-126

MAT 5689

(α, n') α

57-La-126

Radionuclide Production Cross Section



57-La-125g
57-La-125m2

11

Incident Energy (MeV)

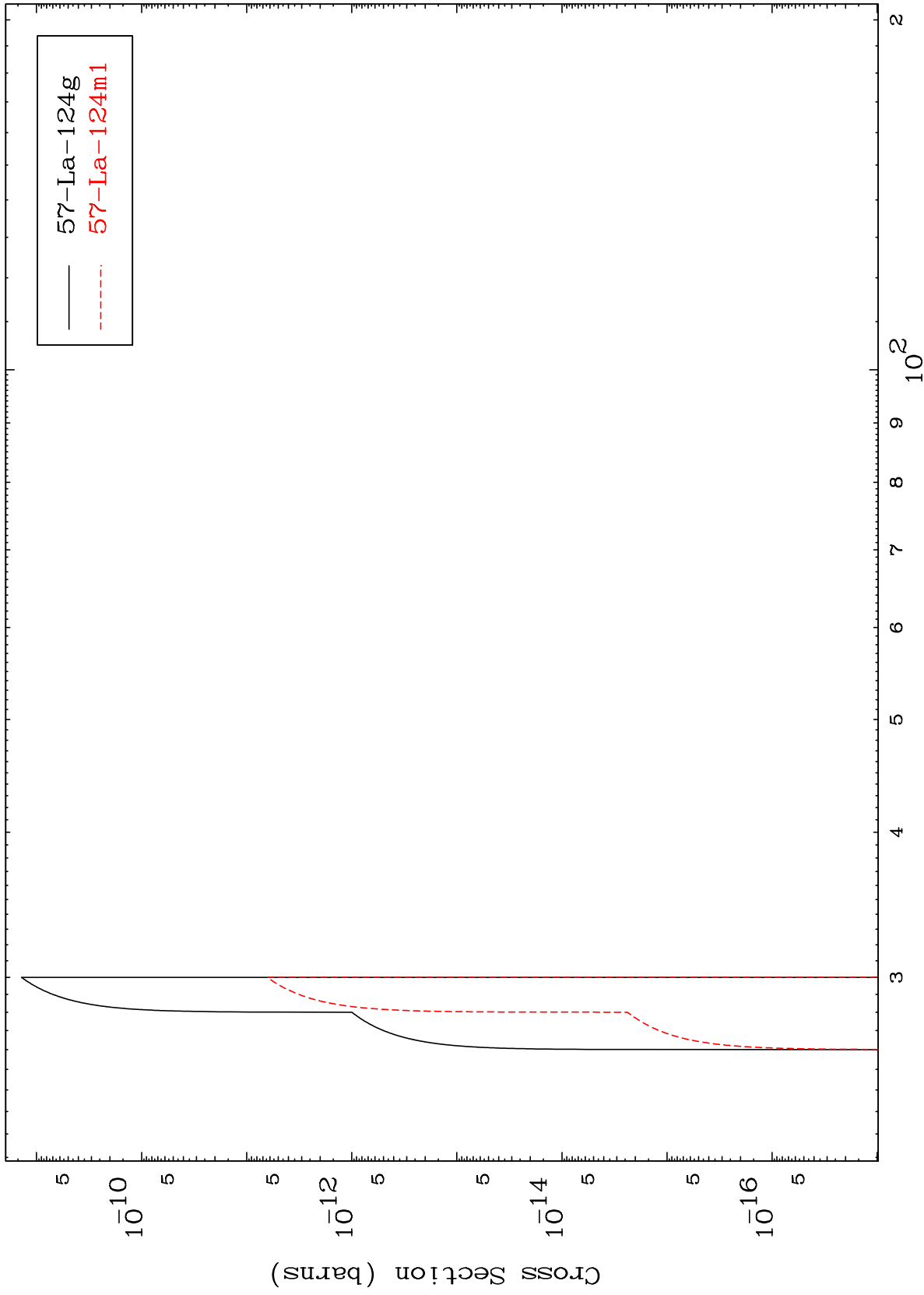
57-La-126

MAT 5689

$(\alpha, 2n) \alpha$

$^{57}\text{La-126}$

Radionuclide Production Cross Section



12

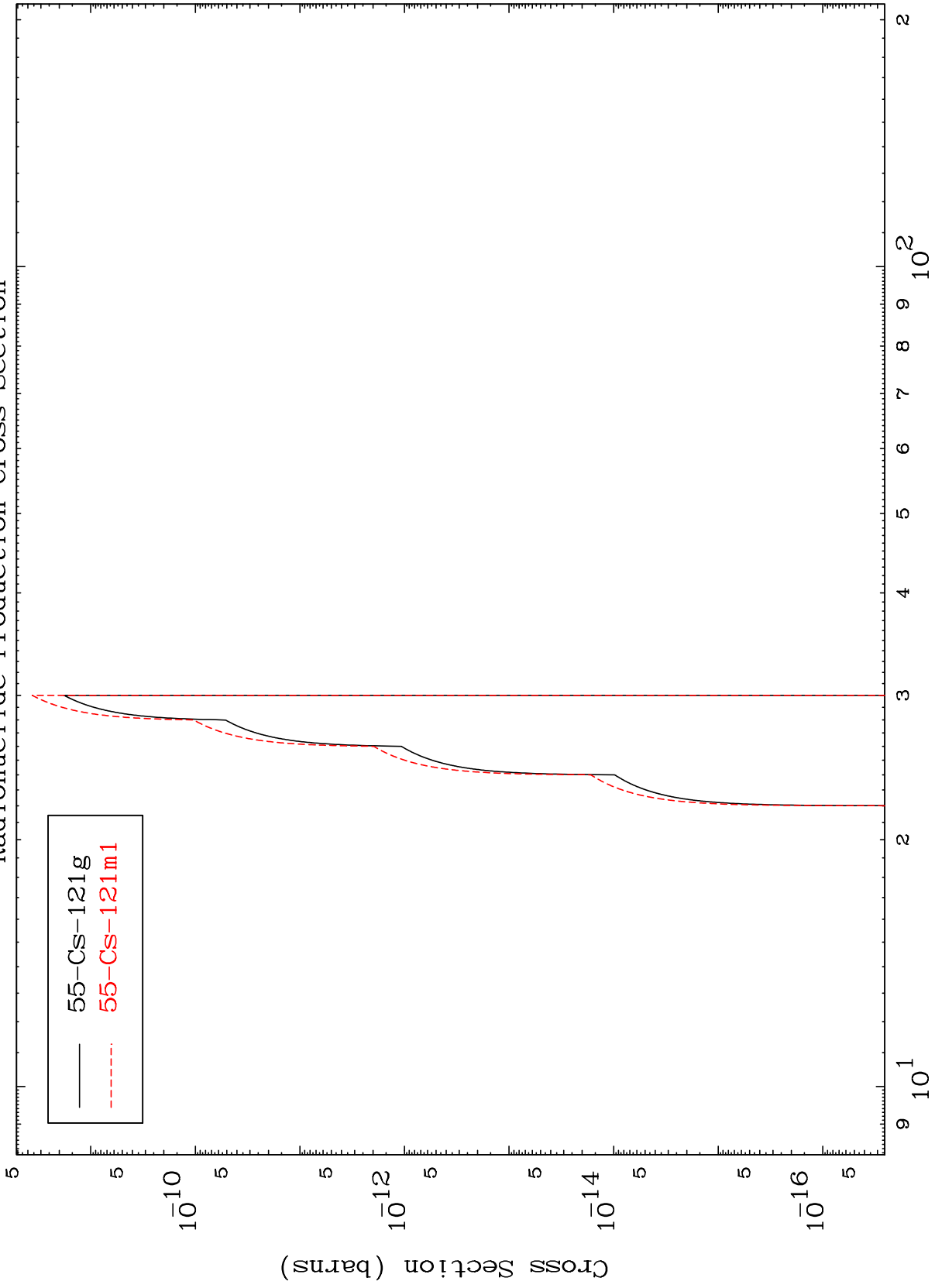
Incident Energy (MeV)

$^{57}\text{La-126}$

MAT 5689

57-La-126

(α, n') 2α
Radionuclide Production Cross Section



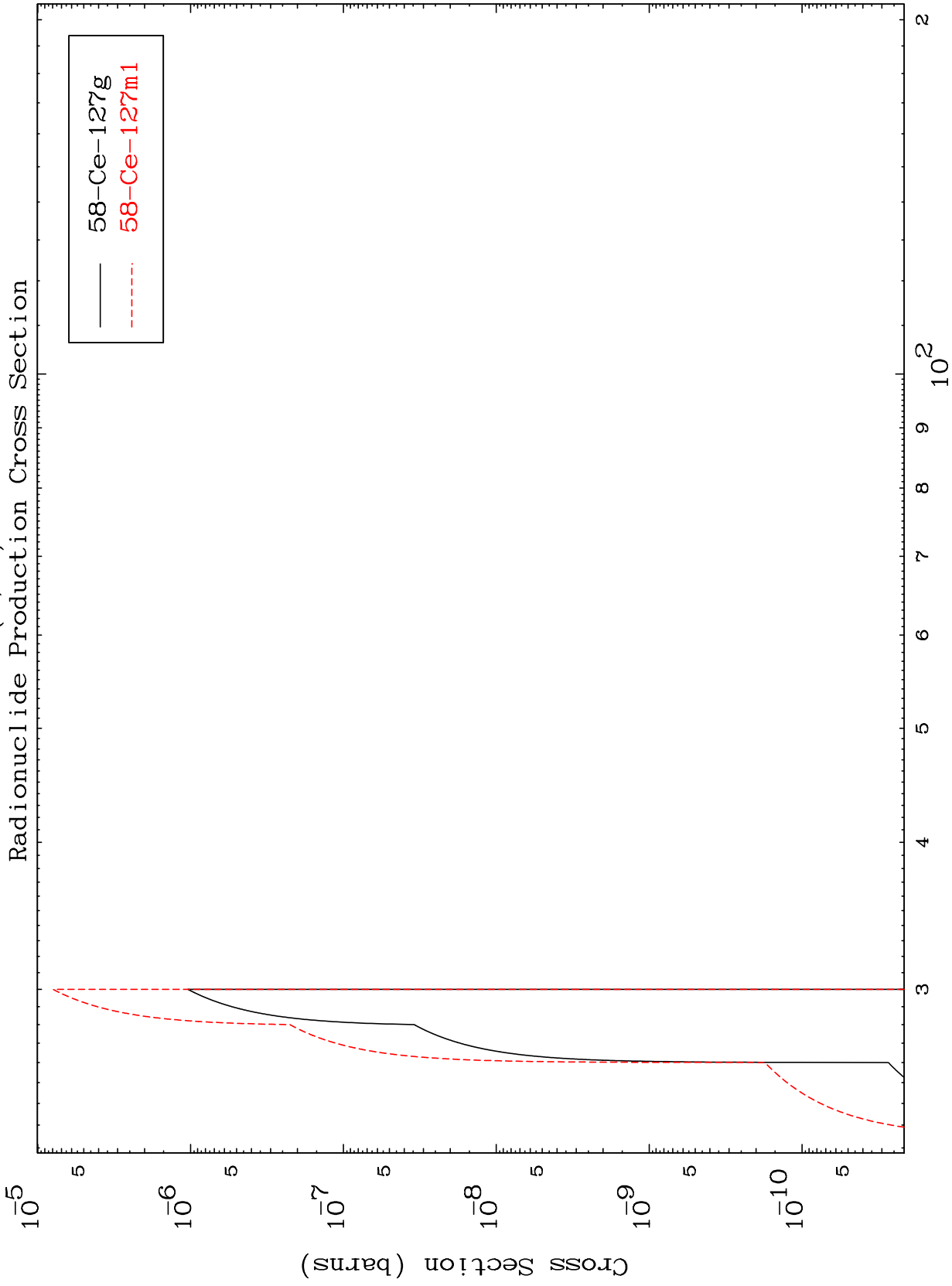
13

57-La-126

MAT 5689

(α, n') d

57-La-126



14

Incident Energy (MeV)

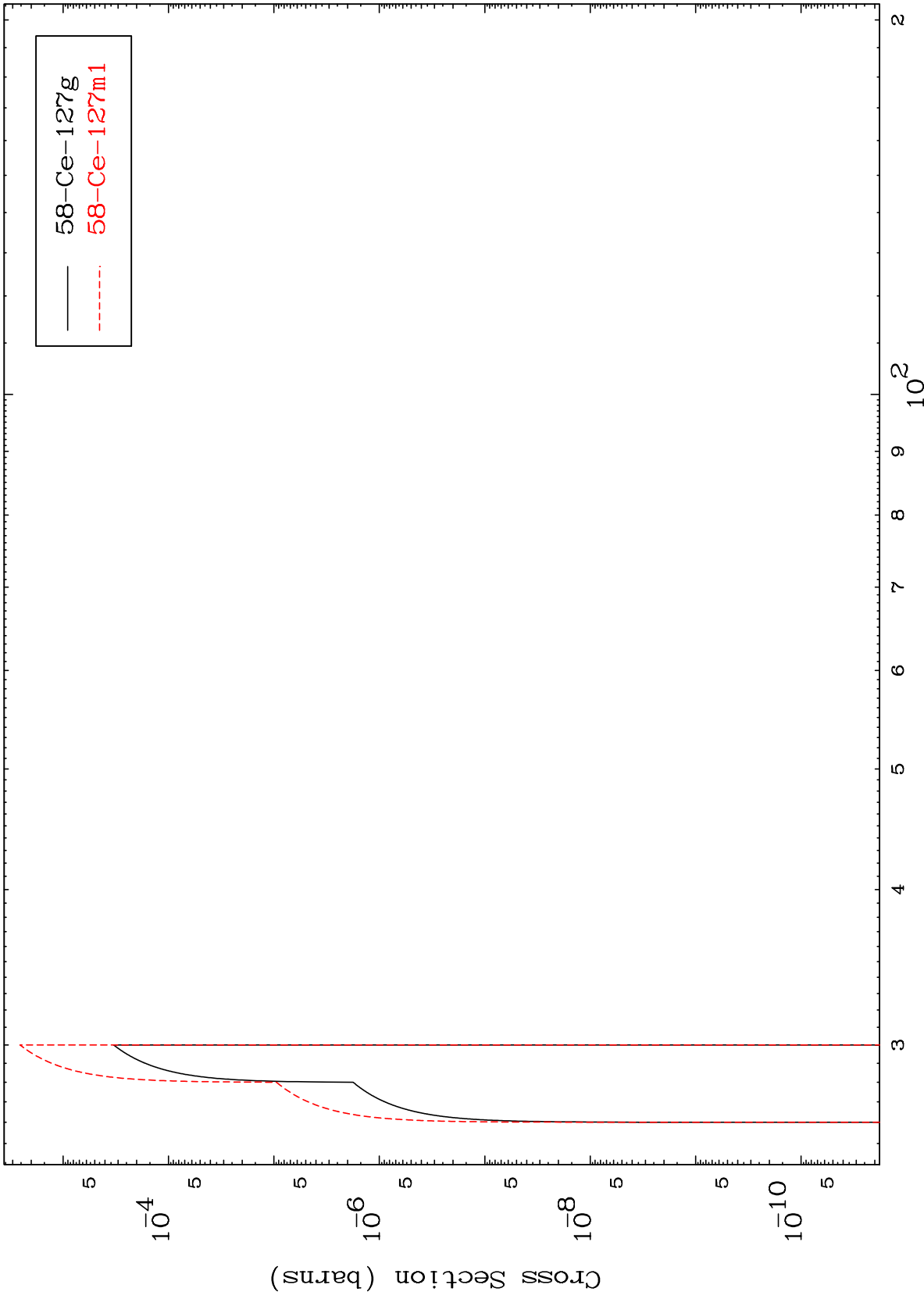
57-La-126

MAT 5689

($\alpha, 2n$) p

57-La-126

Radionuclide Production Cross Section



15

Incident Energy (MeV)

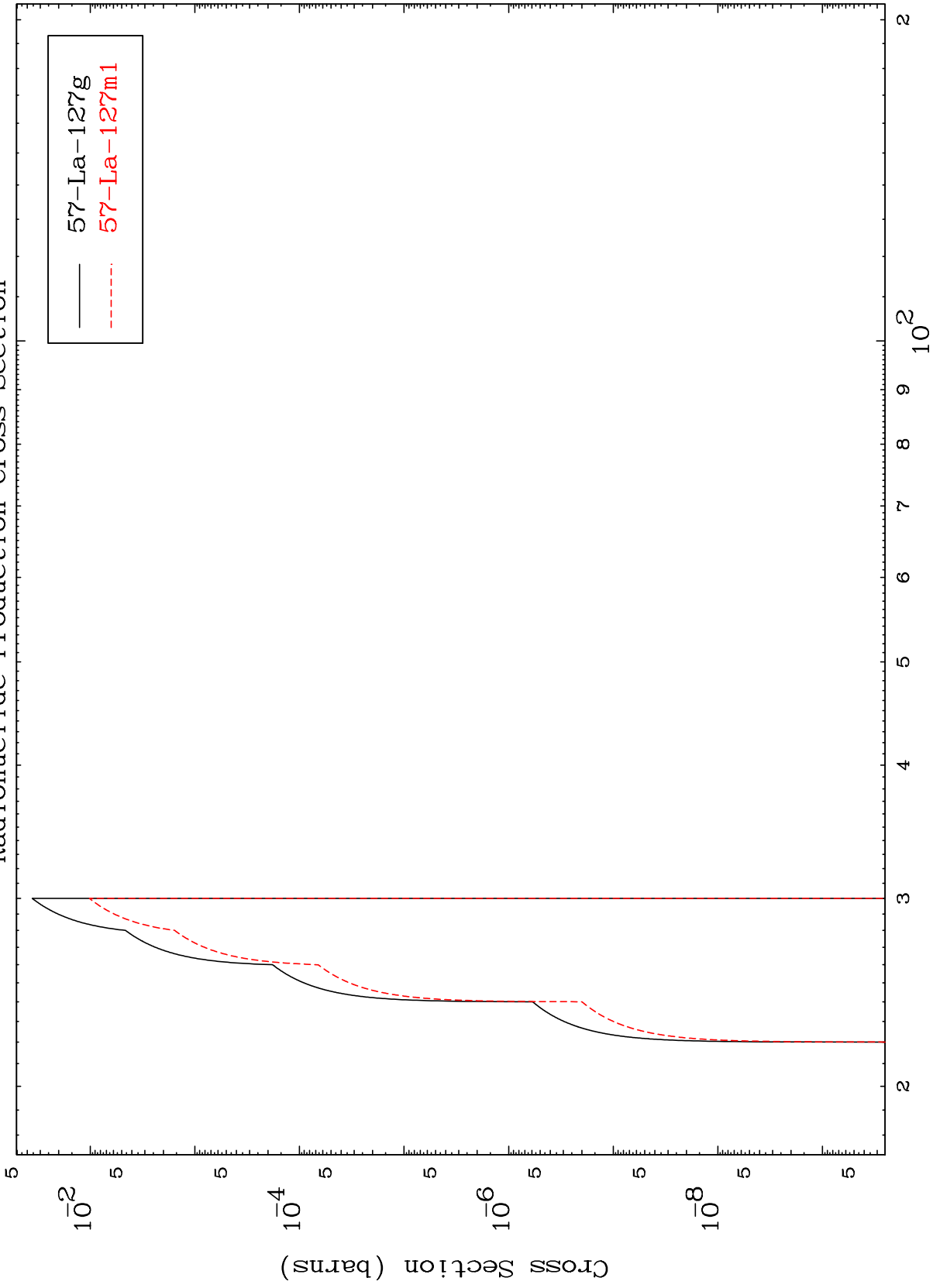
57-La-126

MAT 5689

$(\alpha, 2n)$ p

$^{57}\text{La-126}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

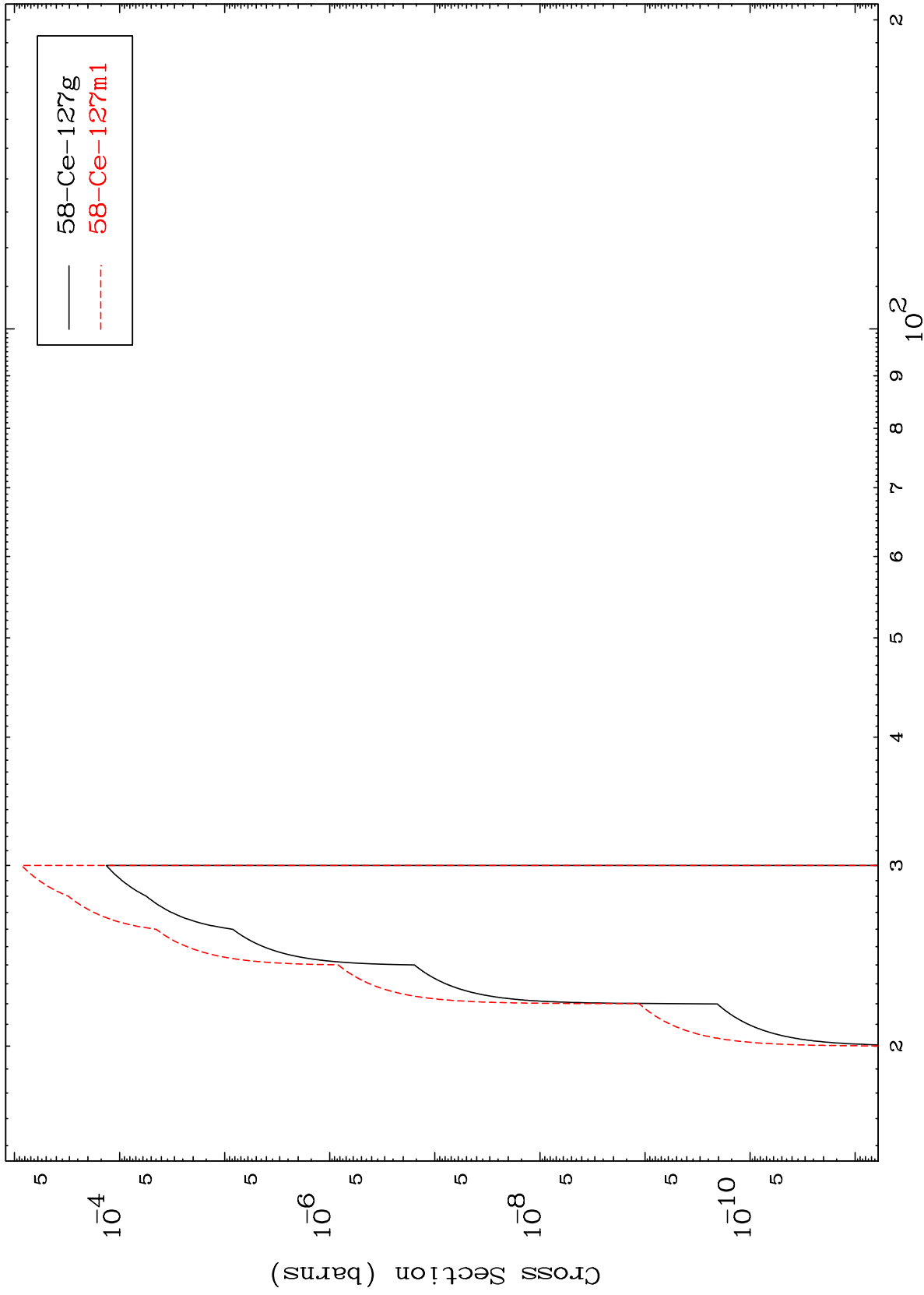
$^{57}\text{La-126}$

MAT 5689

(α, t)

57-La-126

Radionuclide Production Cross Section



17

Incident Energy (MeV)

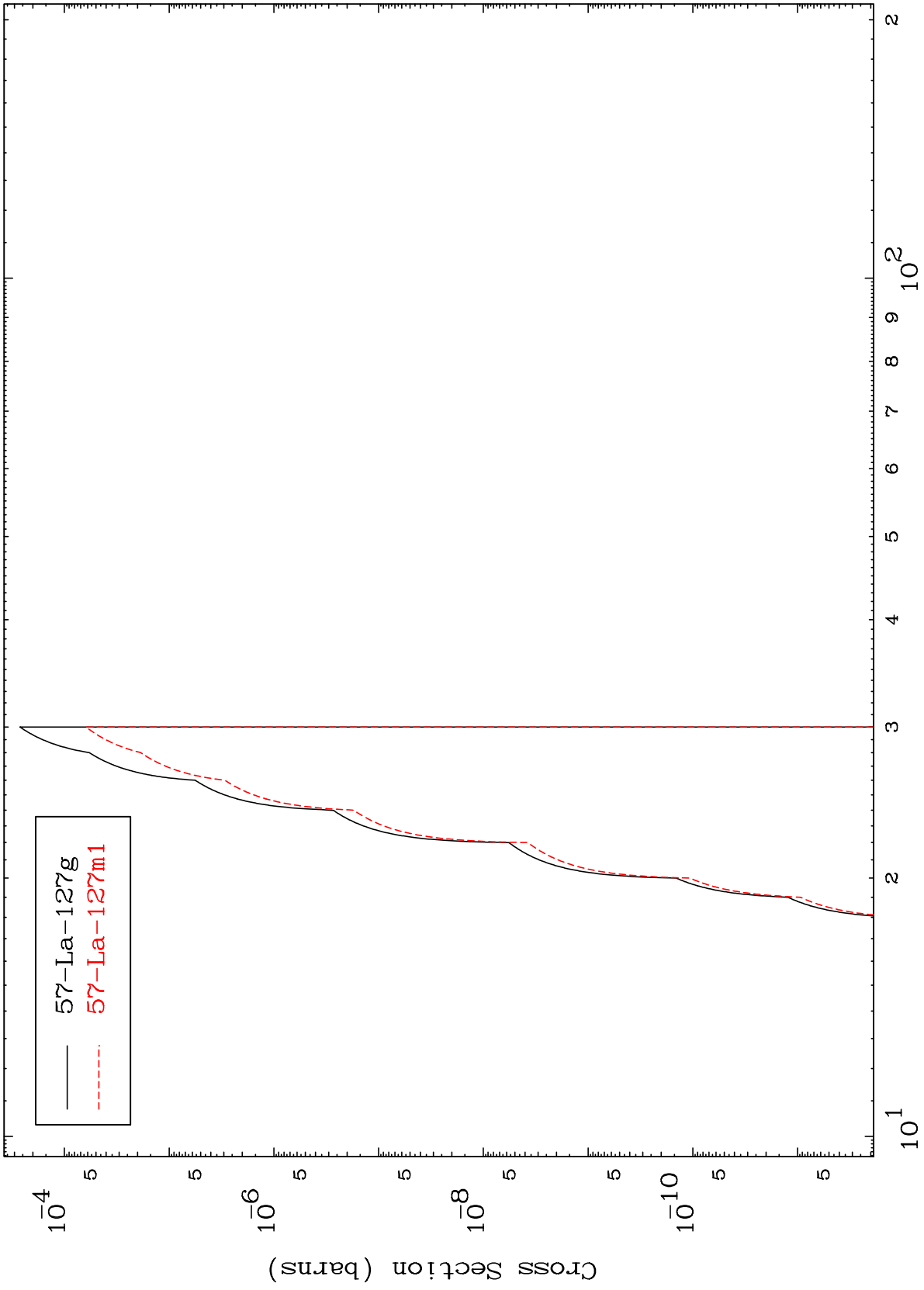
57-La-126

MAT 5689

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

57-La-126

Radionuclide Production Cross Section



18

Incident Energy (MeV)

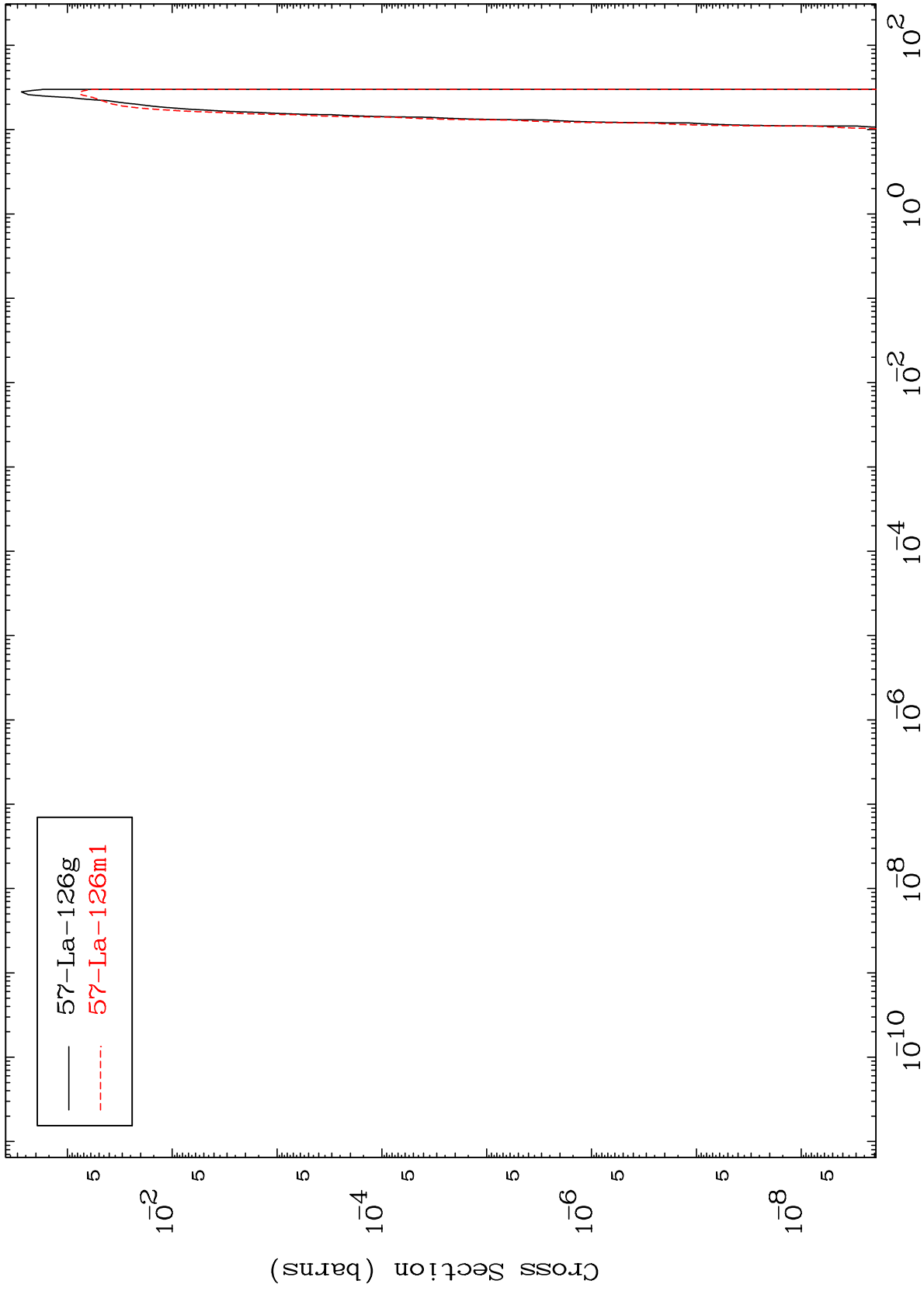
57-La-126

MAT 5689

(α, α)

57-La-126

Radionuclide Production Cross Section



19

Incident Energy (MeV)

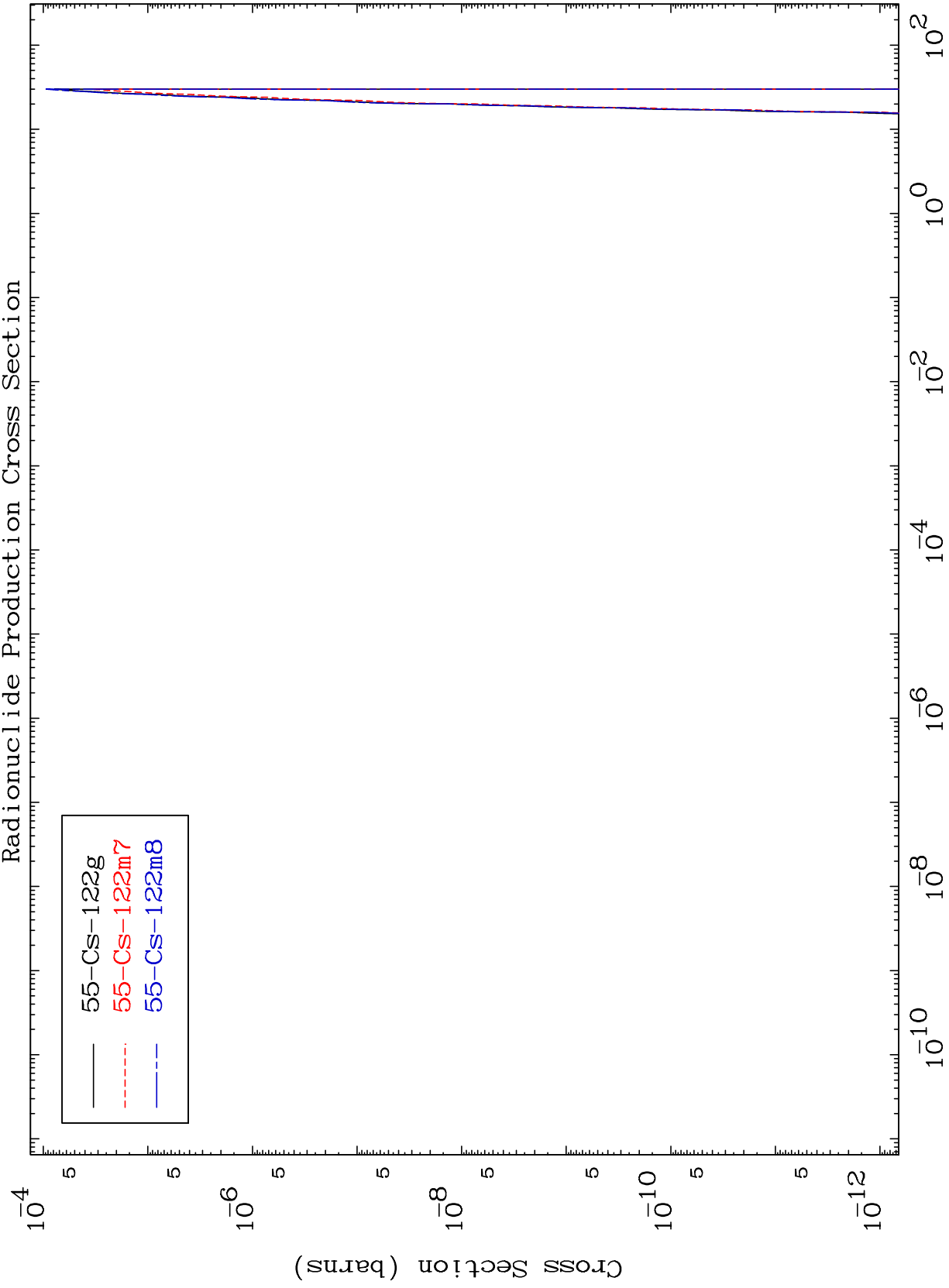
57-La-126

MAT 5689

($\alpha, 2\alpha$)

57-La-126

Radionuclide Production Cross Section



20

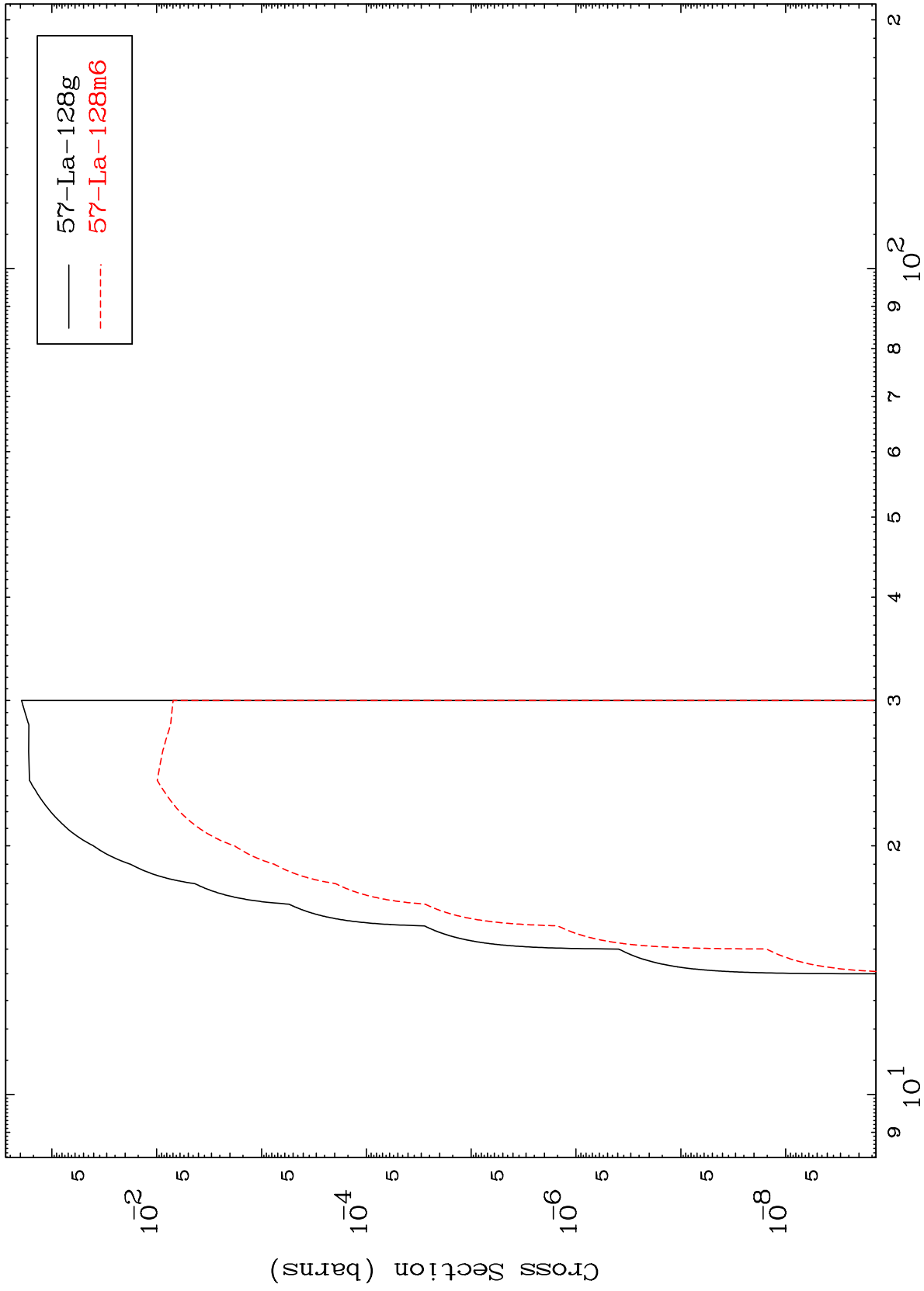
Incident Energy (MeV)

57-La-126

MAT 5689

57-La-126

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



21

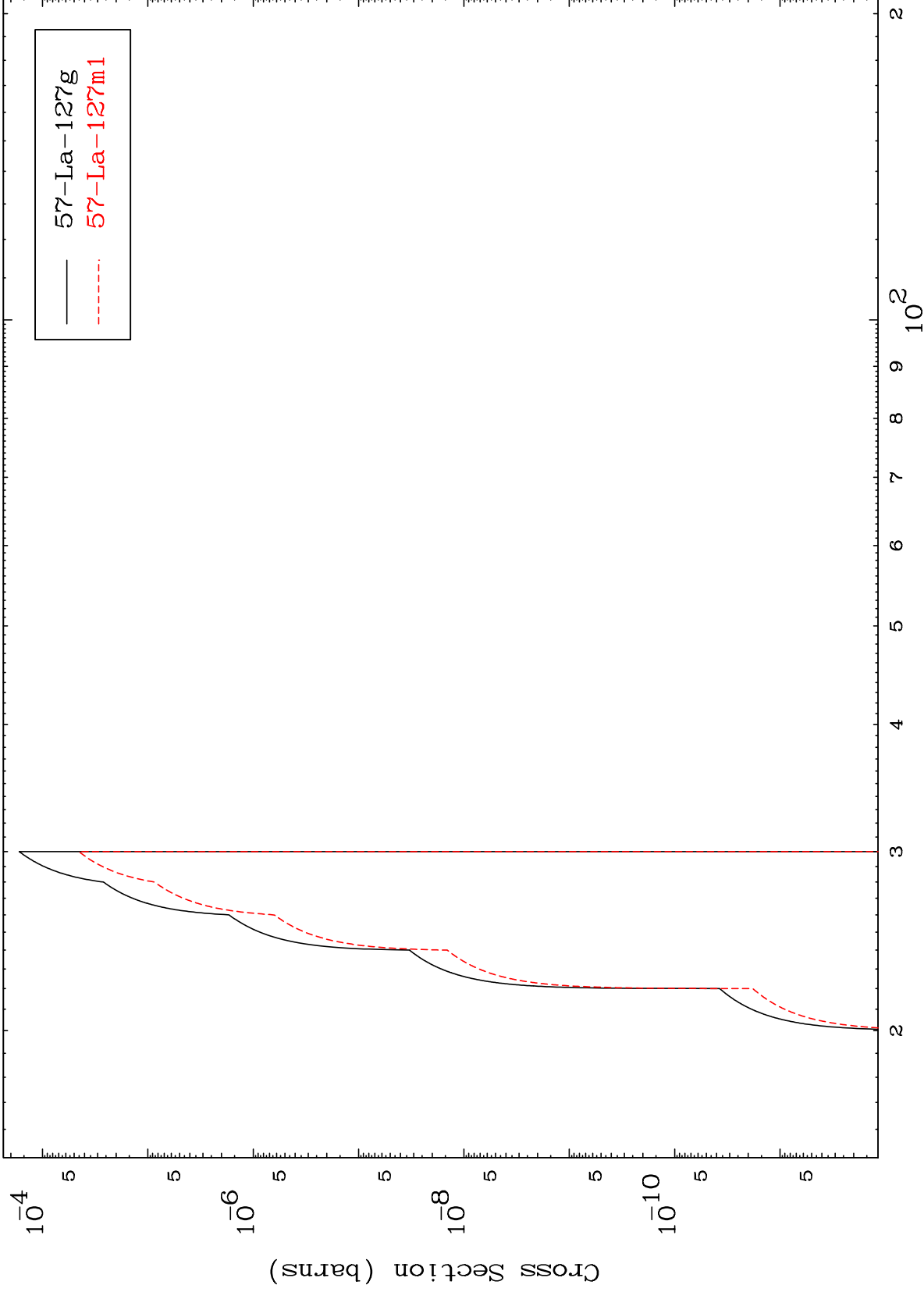
57-La-126

MAT 5689

(α, p) d

57-La-126

Radionuclide Production Cross Section



22

Incident Energy (MeV)

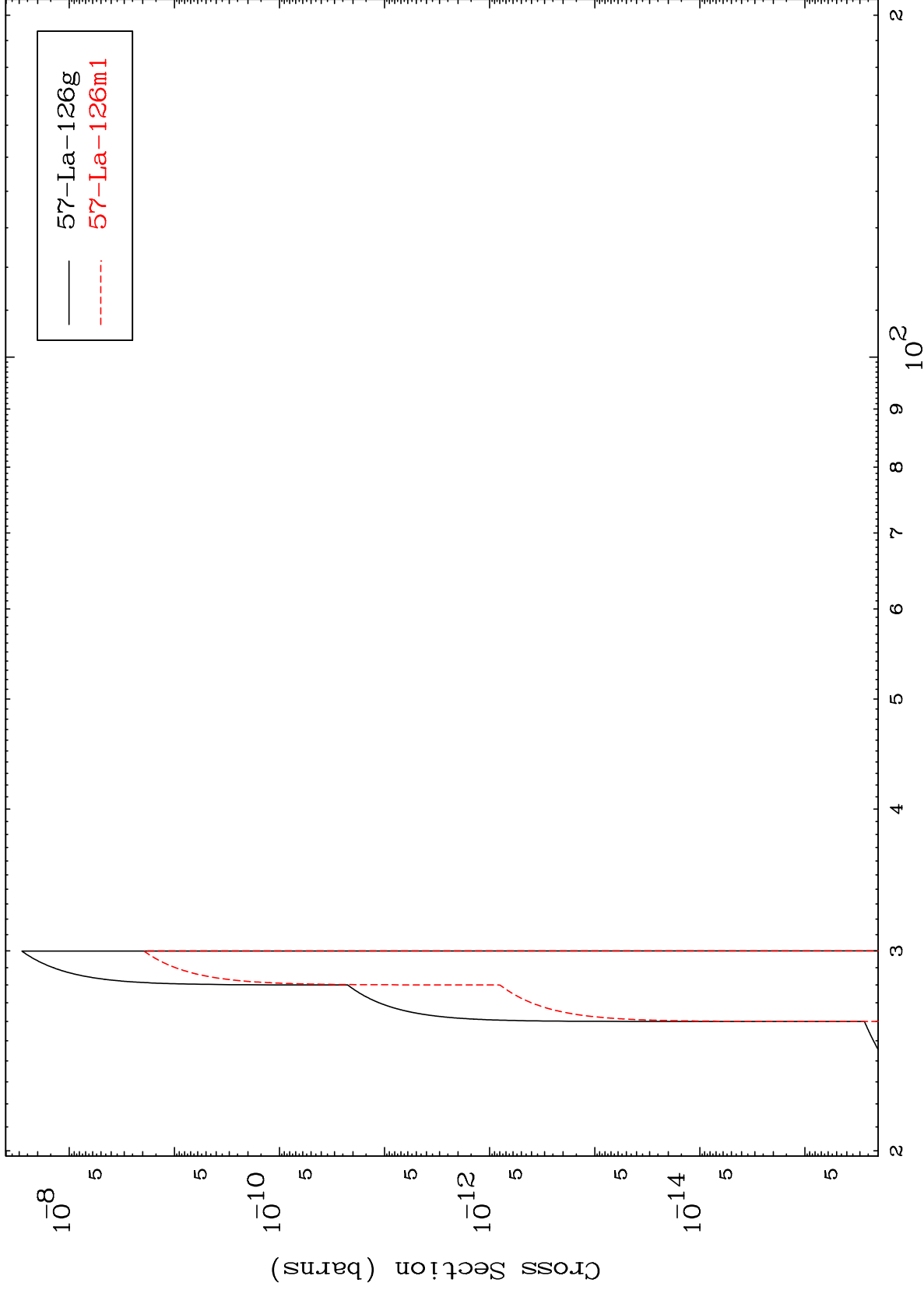
57-La-126

MAT 5689

(α, p) t

57-La-126

Radionuclide Production Cross Section



23

Incident Energy (MeV)

57-La-126