

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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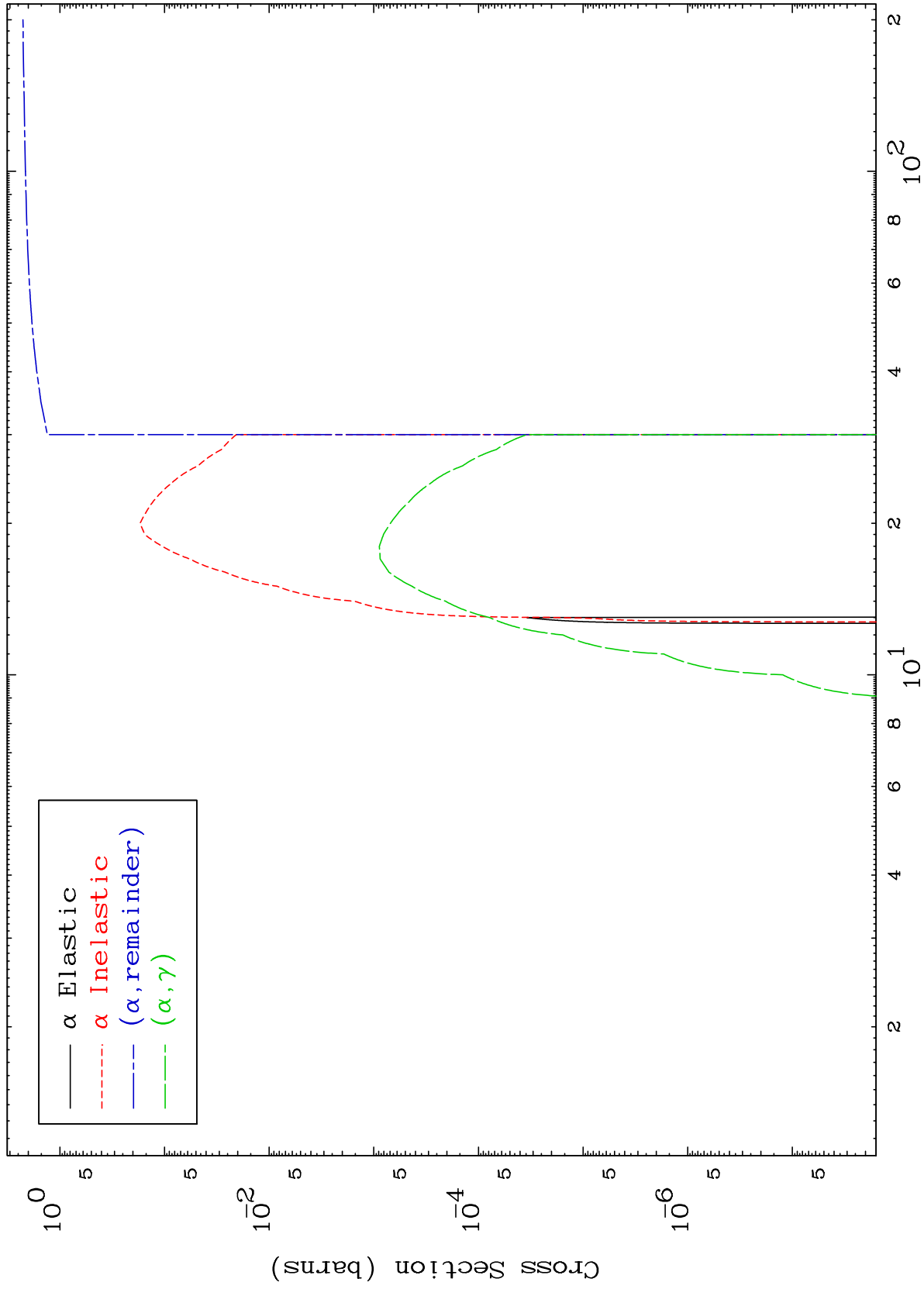
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5693

0 Kelvin α Major

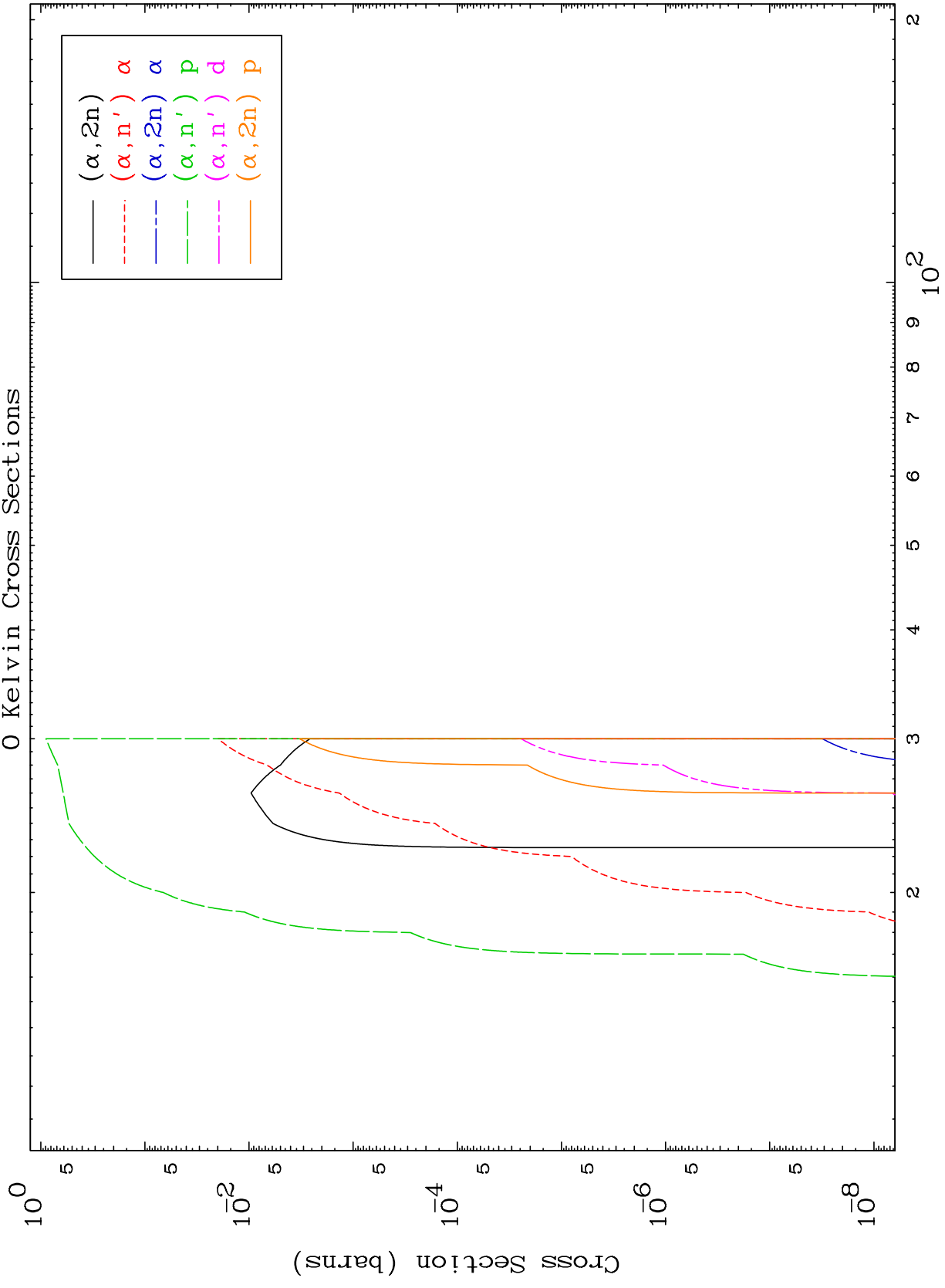
57-La-127



1

Incident Energy (MeV)

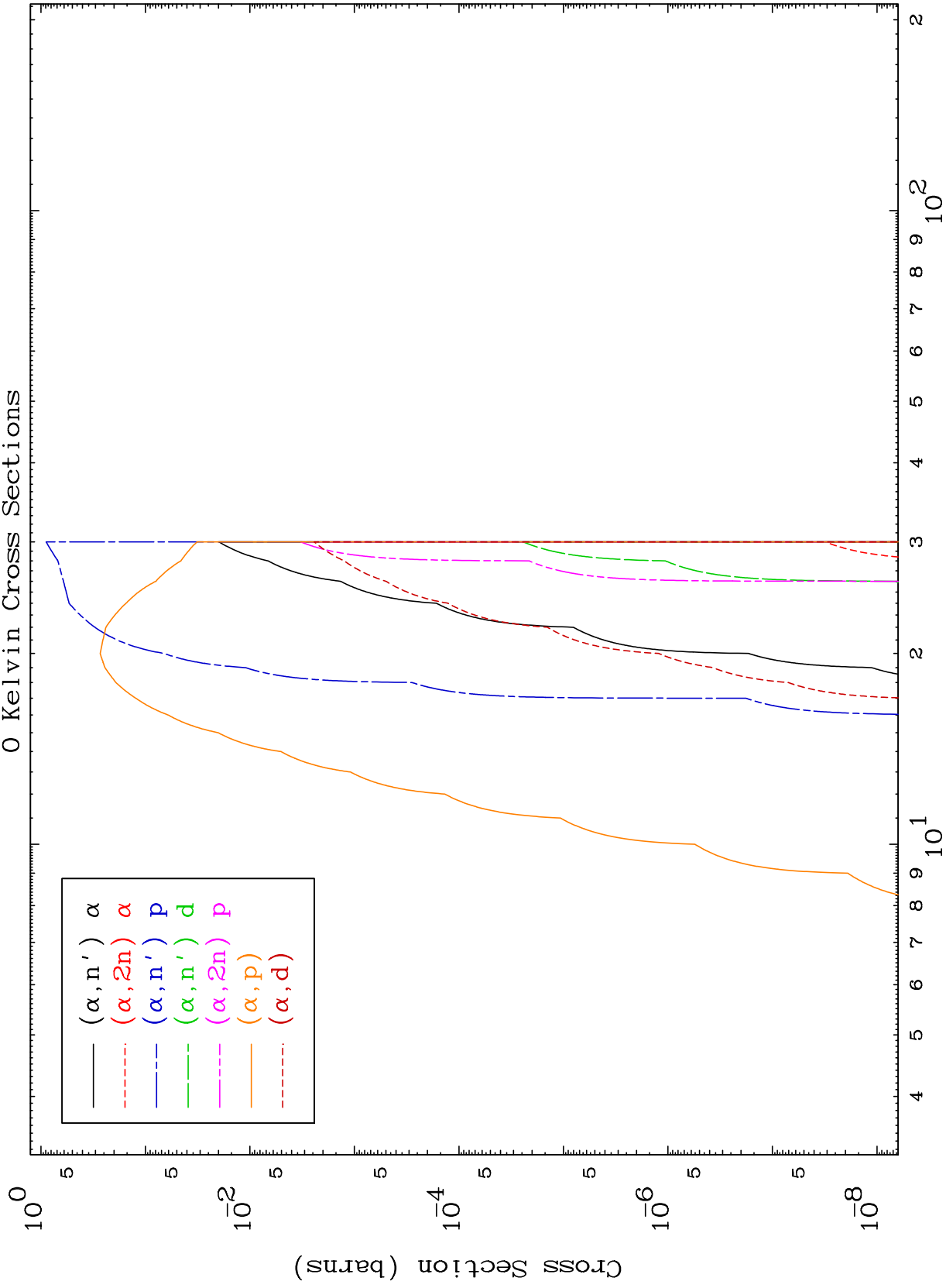
57-La-127



MAT 5693

α Charged Particle
0 Kelvin Cross Sections

57-La-127



3

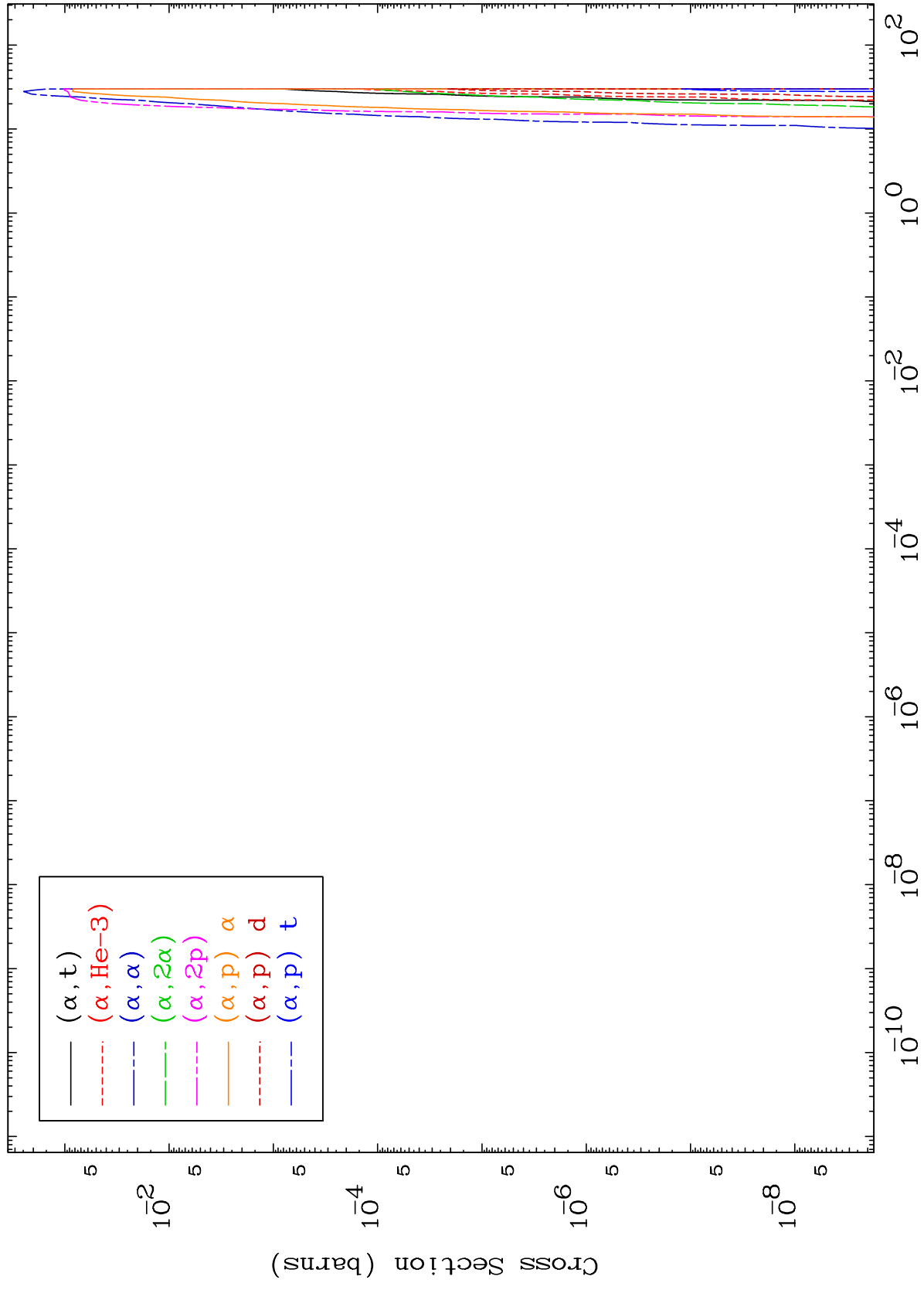
Incident Energy (MeV)

57-La-127

MAT 5693

α Charged Particle
0 Kelvin Cross Sections

57-La-127



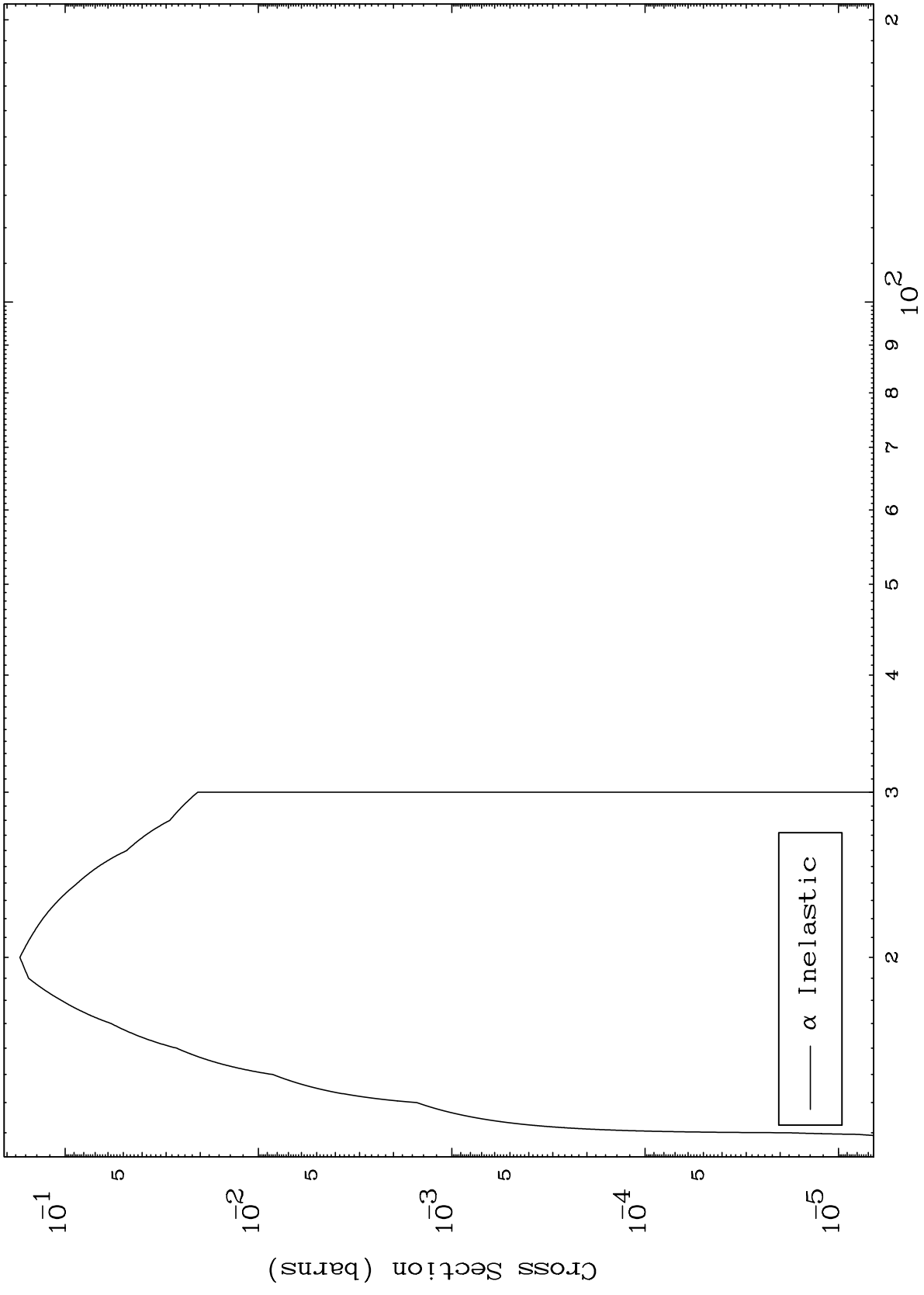
57-La-127

Incident Energy (MeV)

MAT 5693

(α, n') Level
0 Kelvin Cross Sections

57-La-127



5

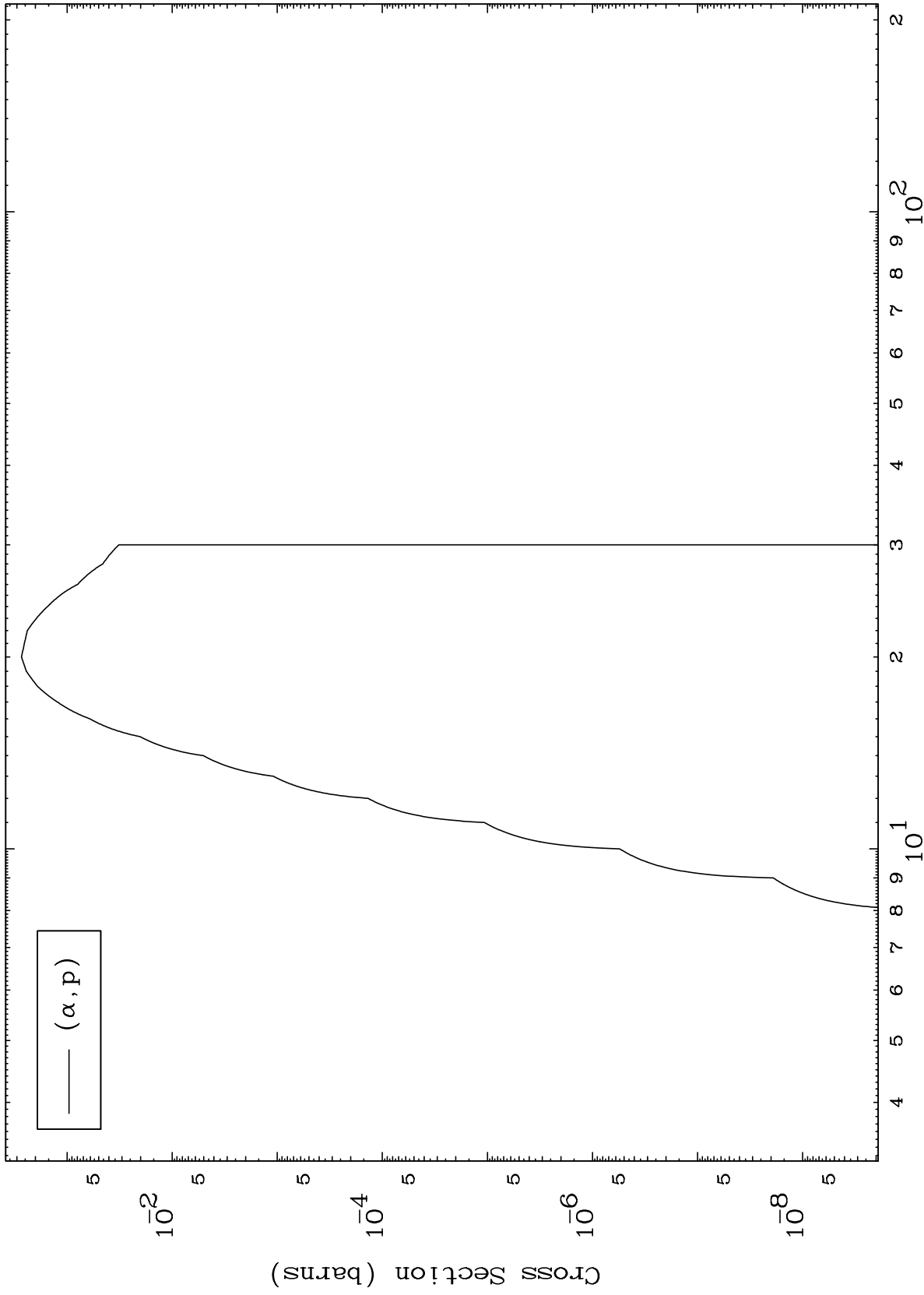
Incident Energy (MeV)

57-La-127

MAT 5693

(α, p) Levels
0 Kelvin Cross Sections

57-La-127



6

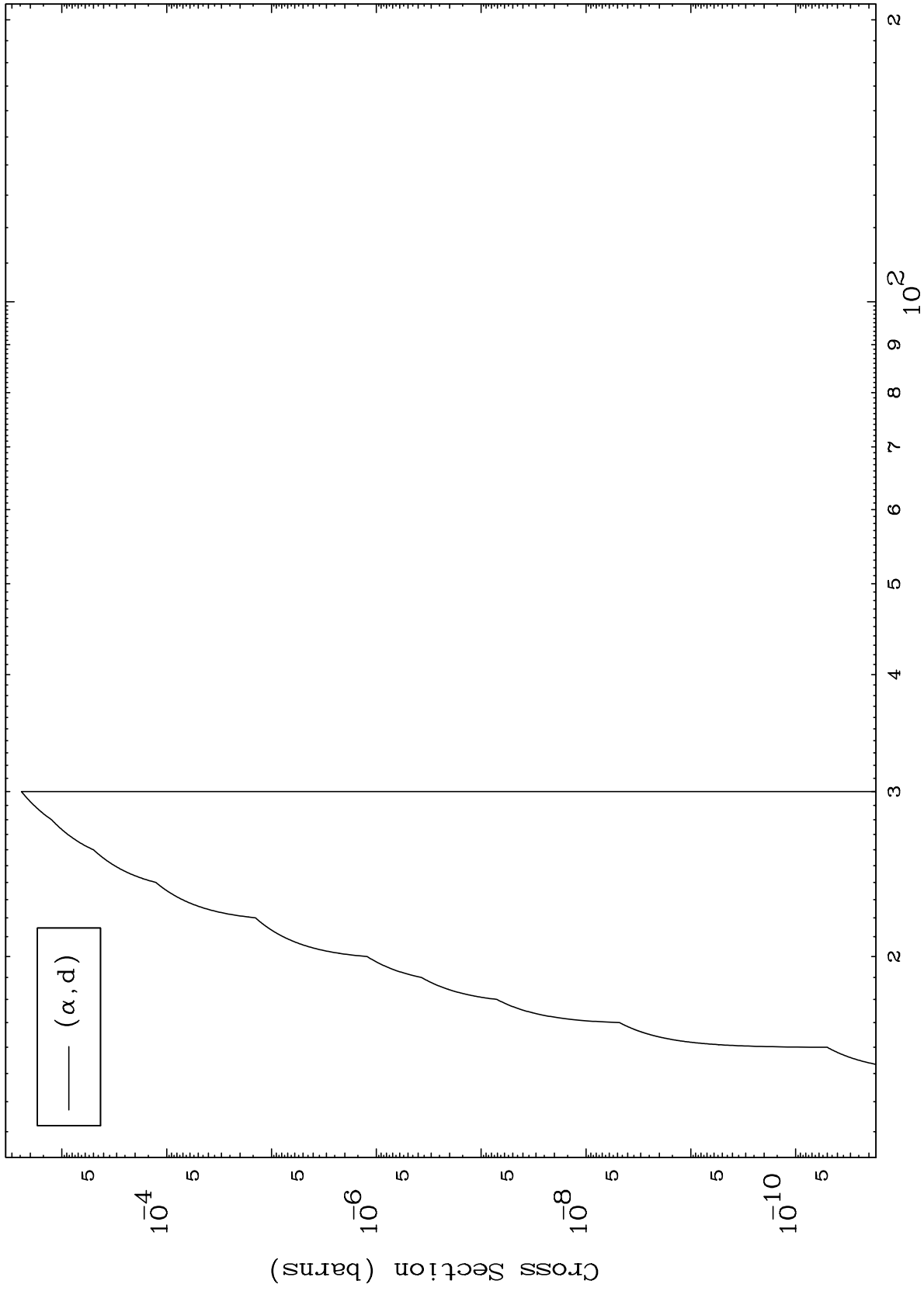
Incident Energy (MeV)

57-La-127

MAT 5693

(α, d) Levels
0 Kelvin Cross Sections

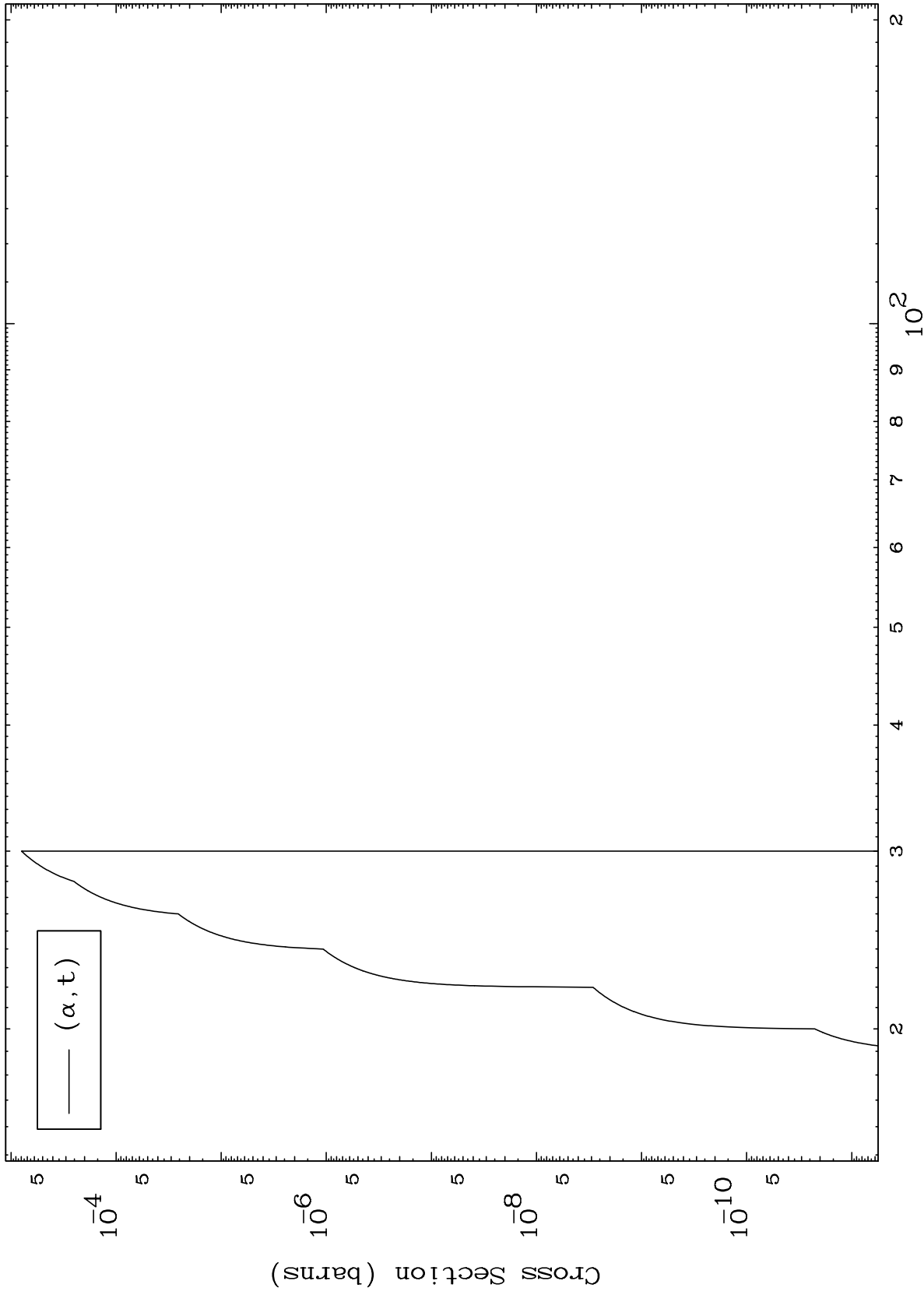
57-La-127



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(α, t) Levels
0 Kelvin Cross Sections

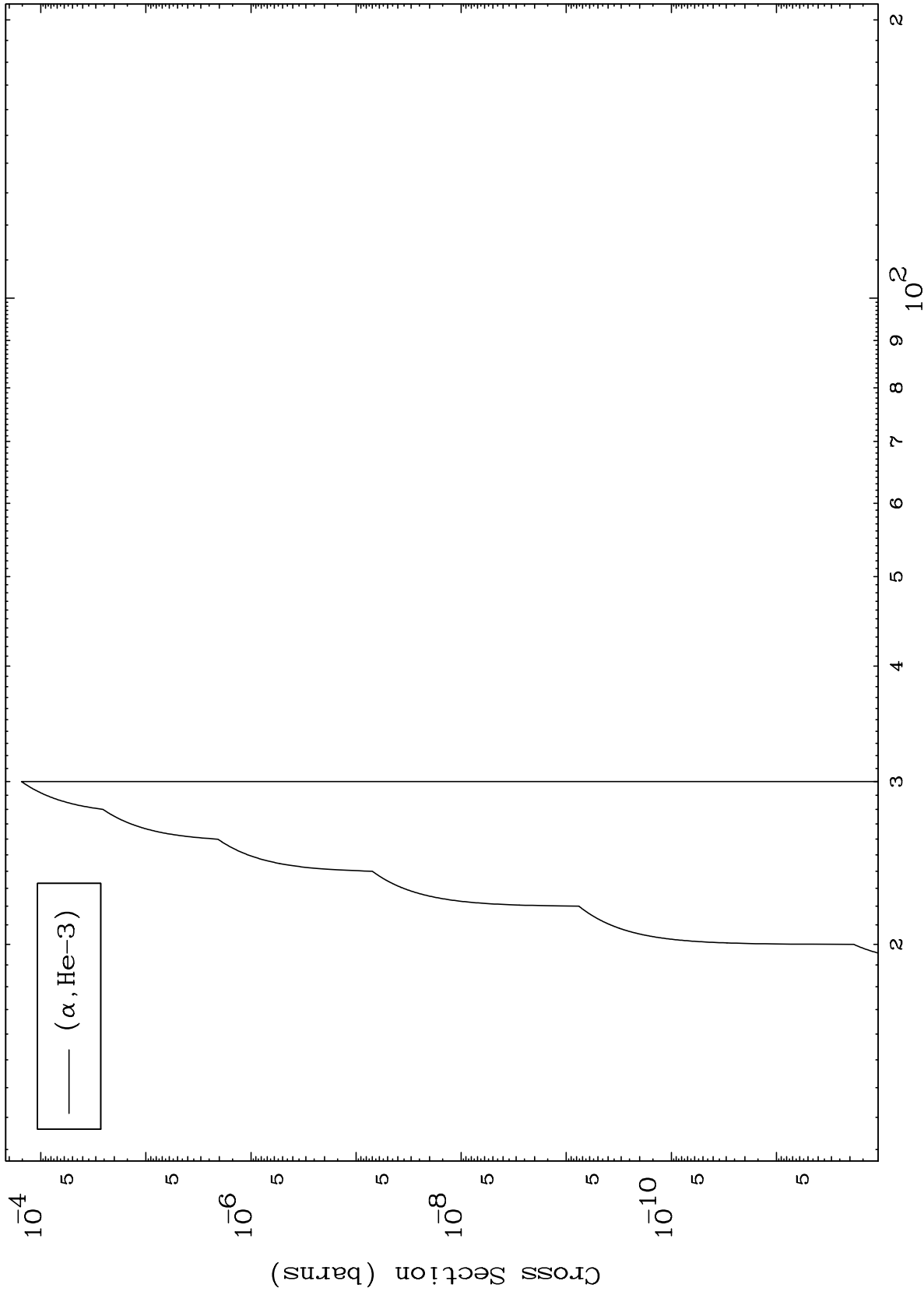
57-La-127



8

Incident Energy (MeV)

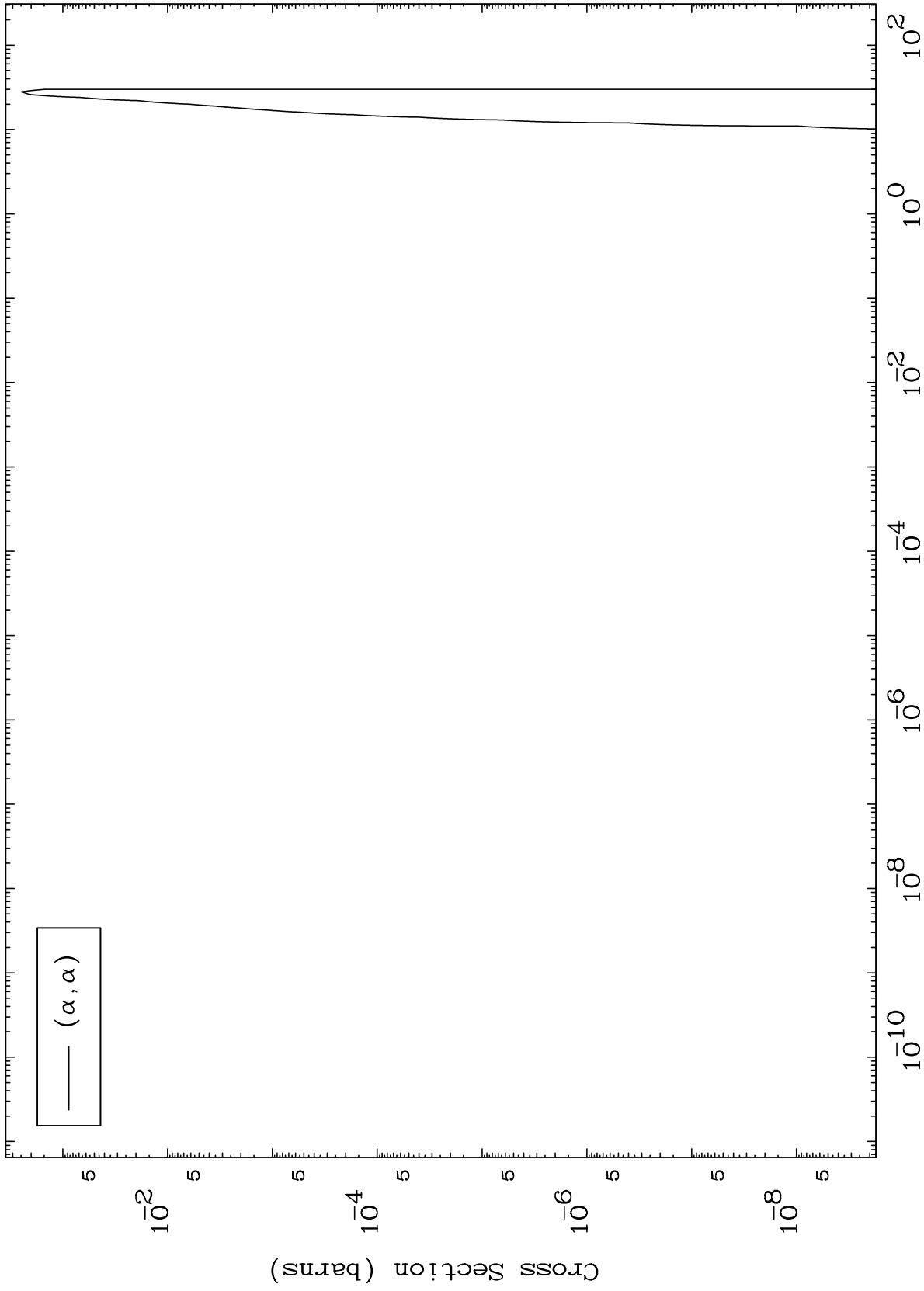
57-La-127



MAT 5693

(α, α) Levels
0 Kelvin Cross Sections

57-La-127



10

Incident Energy (MeV)

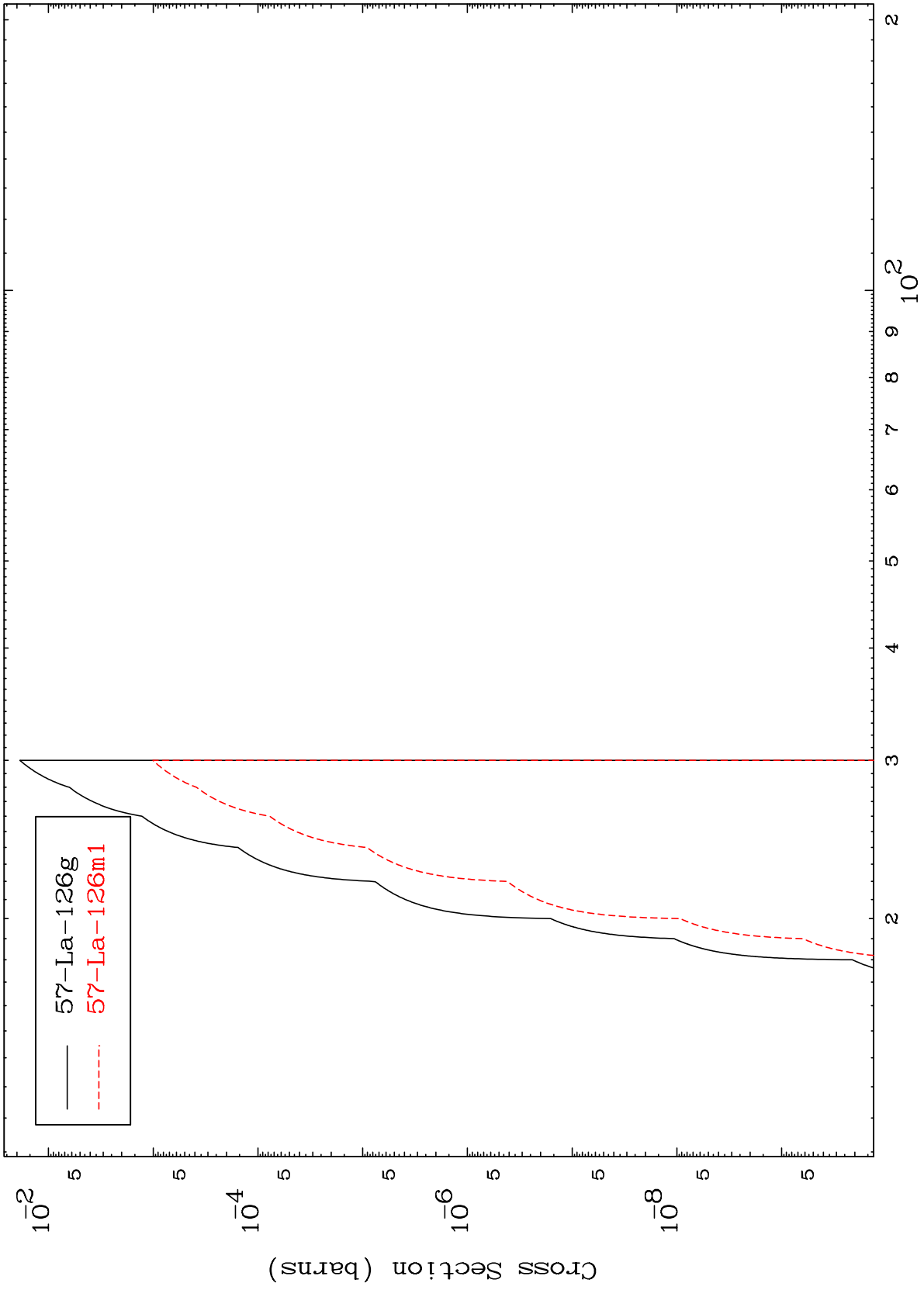
57-La-127

MAT 5693

(α, n') α

57-La-127

Radionuclide Production Cross Section



11

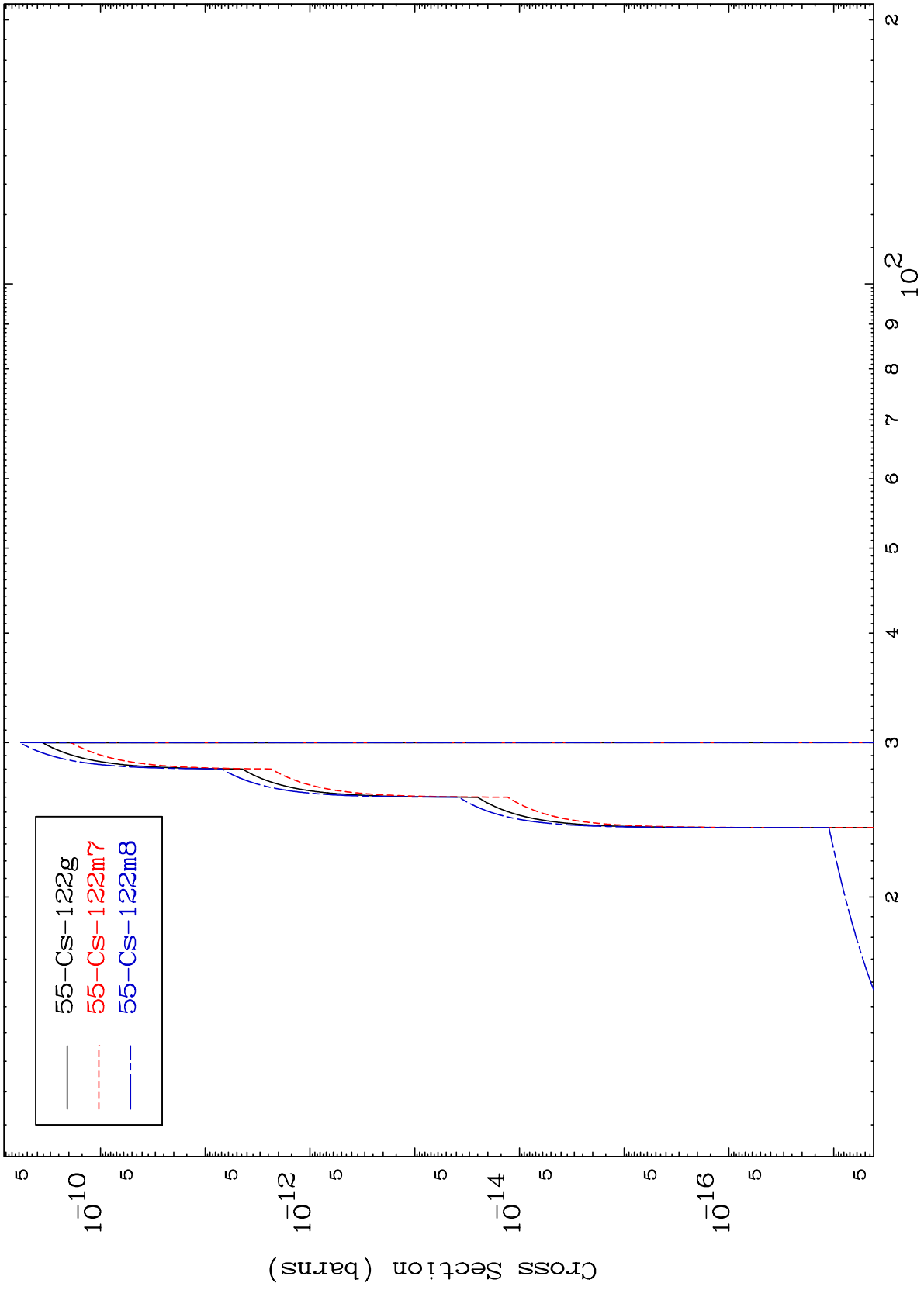
57-La-127

MAT 5693

(α, n') 2α

57-La-127

Radionuclide Production Cross Section



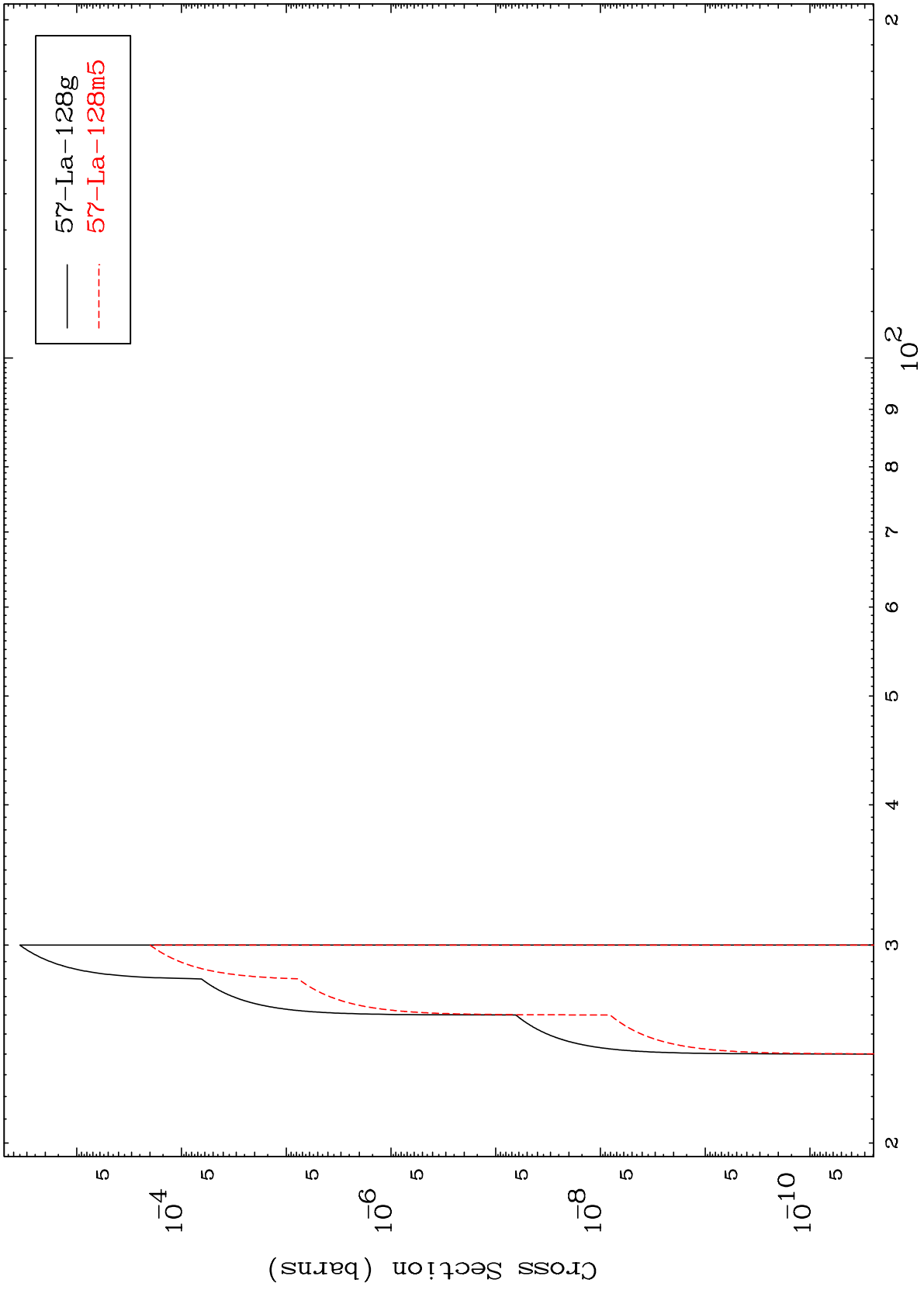
55-Cs-122g
55-Cs-122m7
55-Cs-122m8

MAT 5693

($\alpha, 2n$) p

$^{57}\text{La-127}$

Radionuclide Production Cross Section



14

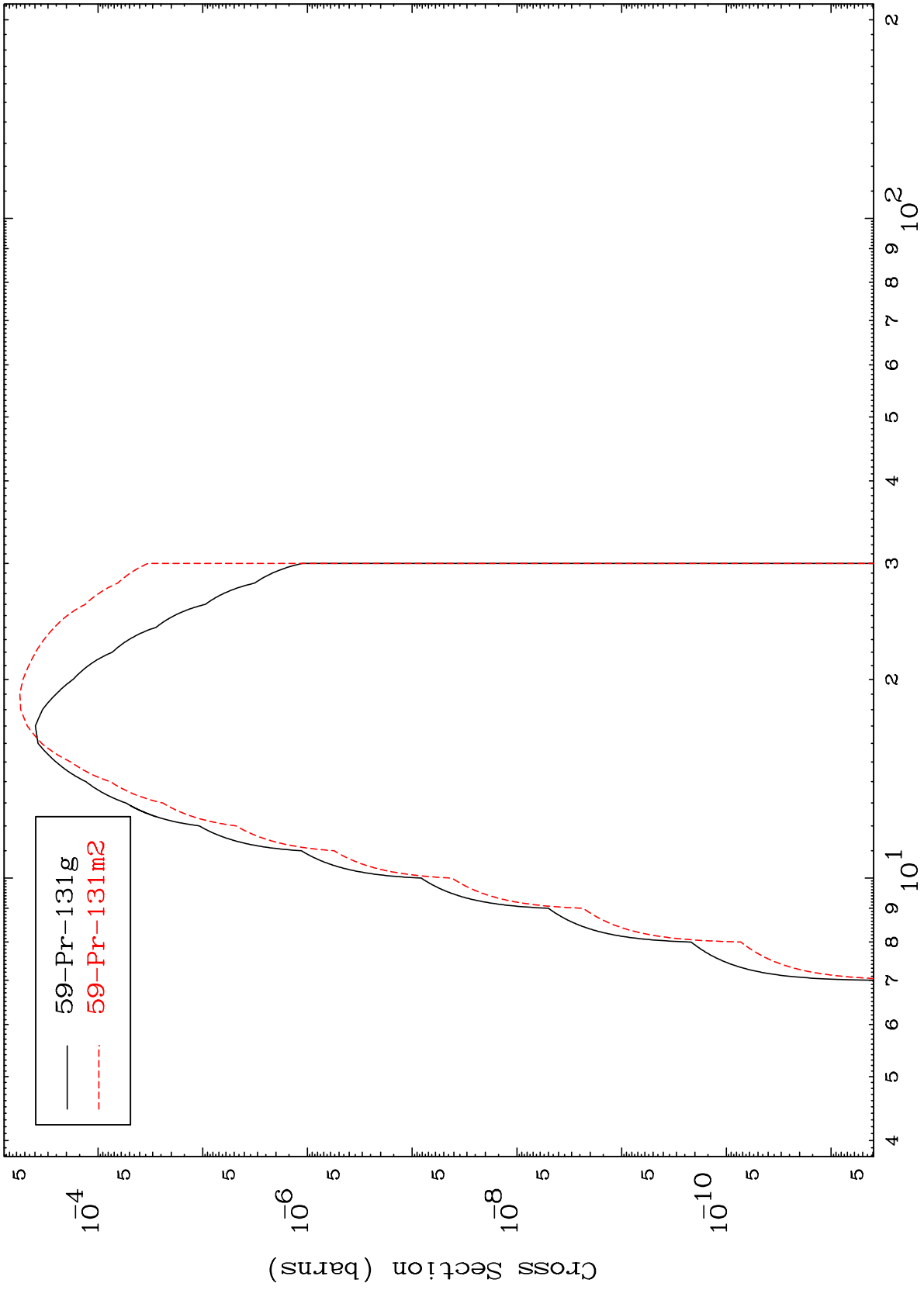
Incident Energy (MeV)

$^{57}\text{La-127}$

MAT 5693

57-La-127

(α, γ)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

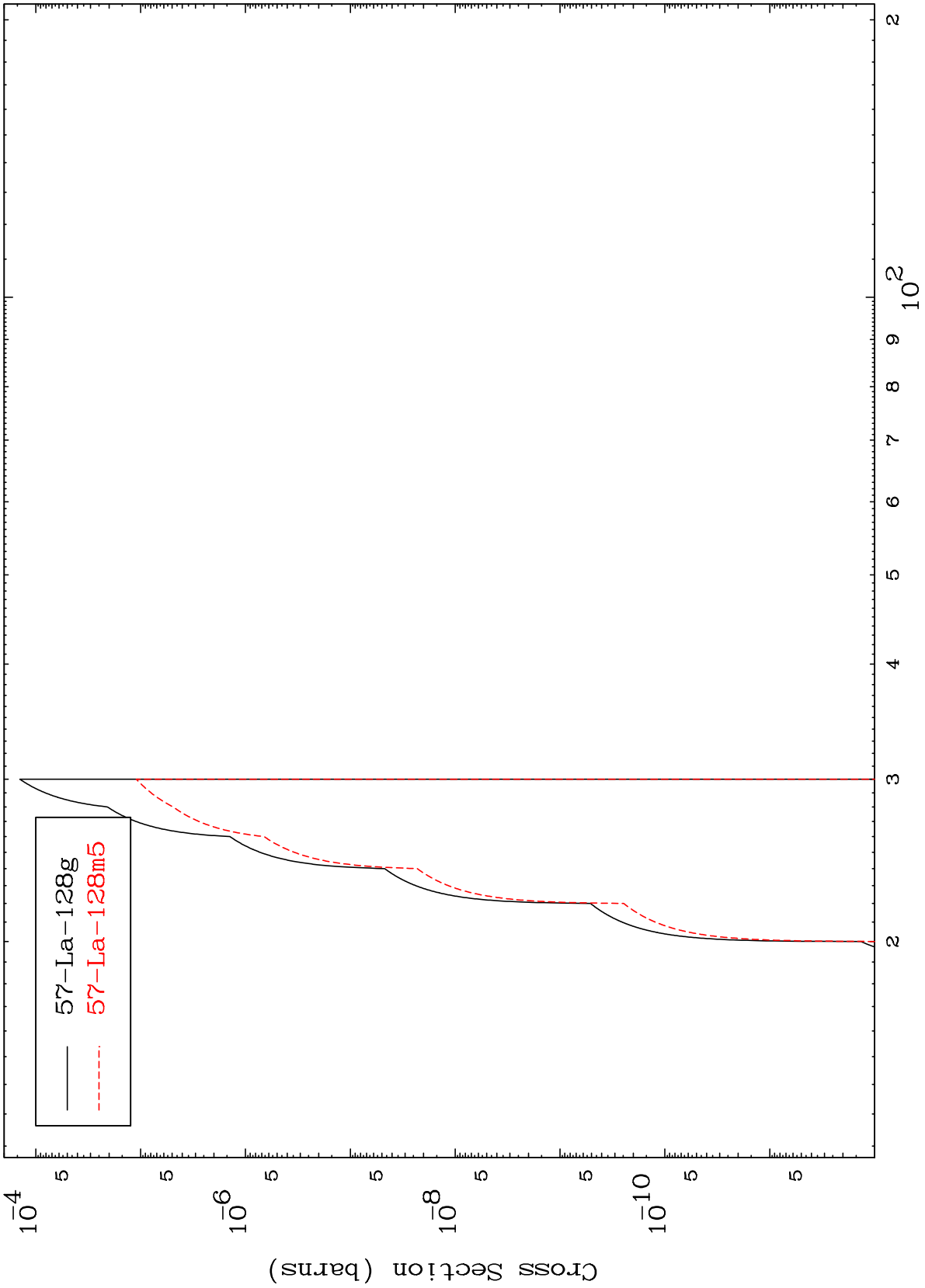
57-La-127

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

57-La-127

Radionuclide Production Cross Section



16

Incident Energy (MeV)

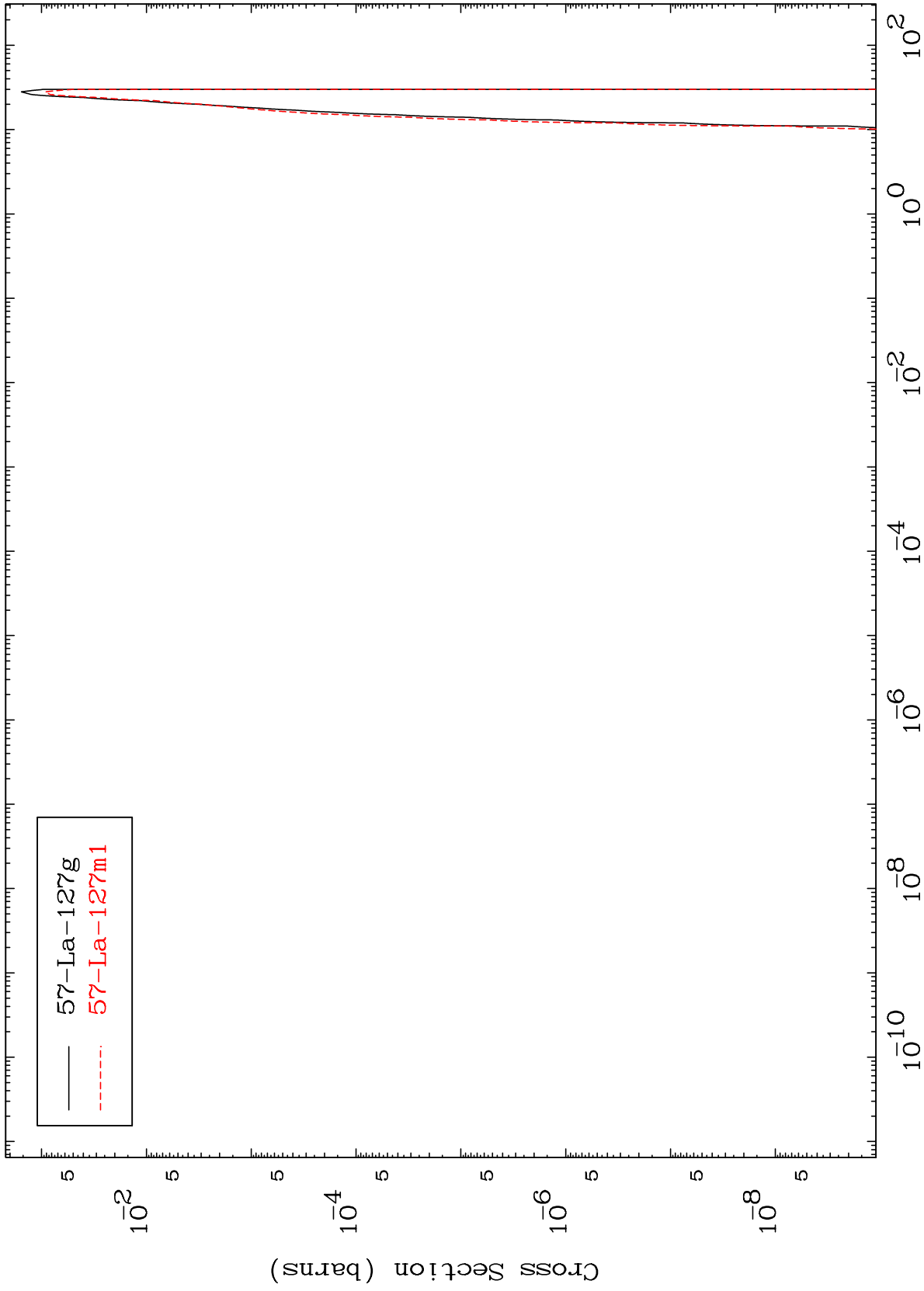
57-La-127

MAT 5693

(α, α)

⁵⁷La-127

Radionuclide Production Cross Section



17

Incident Energy (MeV)

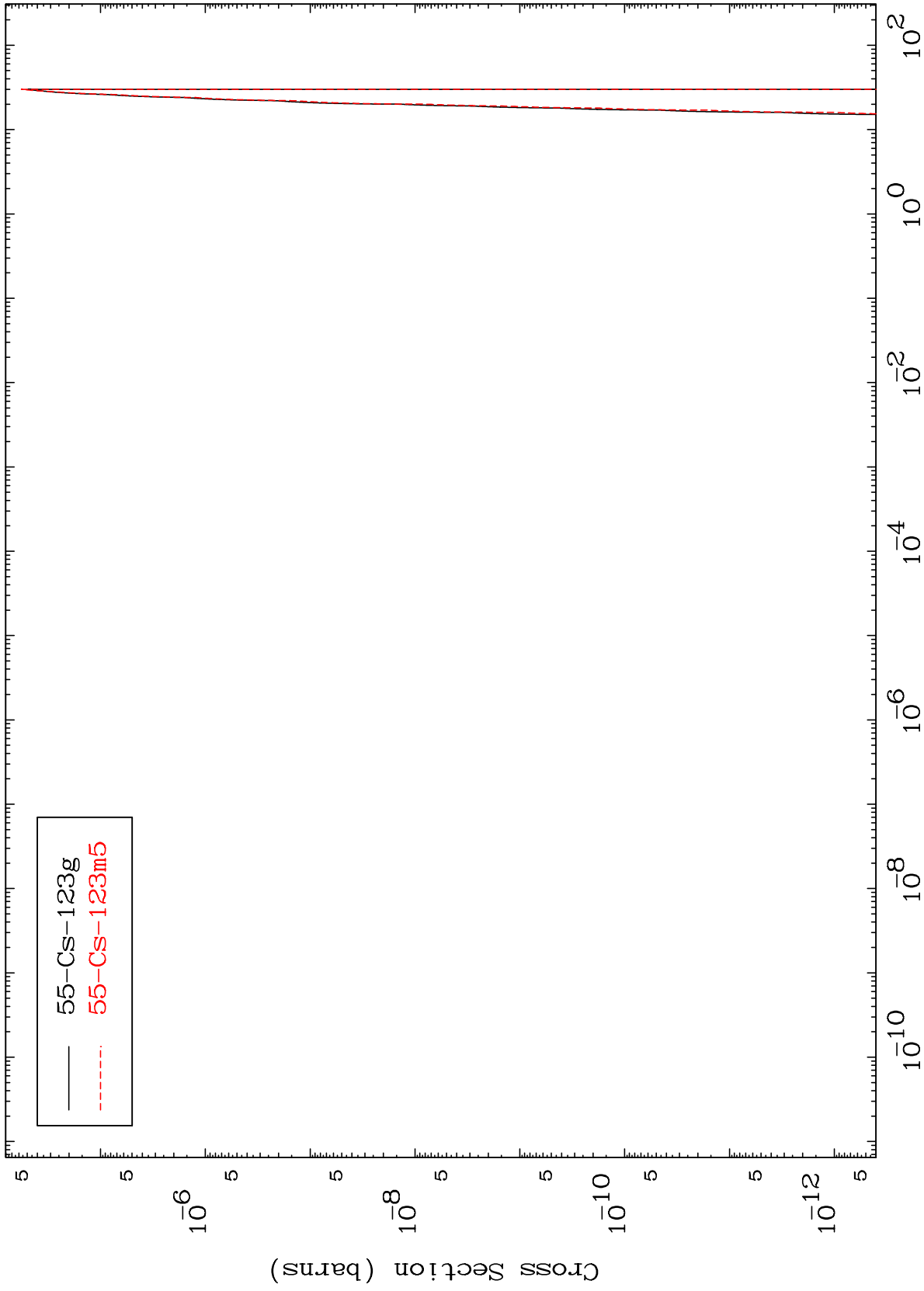
⁵⁷La-127

MAT 5693

($\alpha, 2\alpha$)

57-La-127

Radionuclide Production Cross Section



18

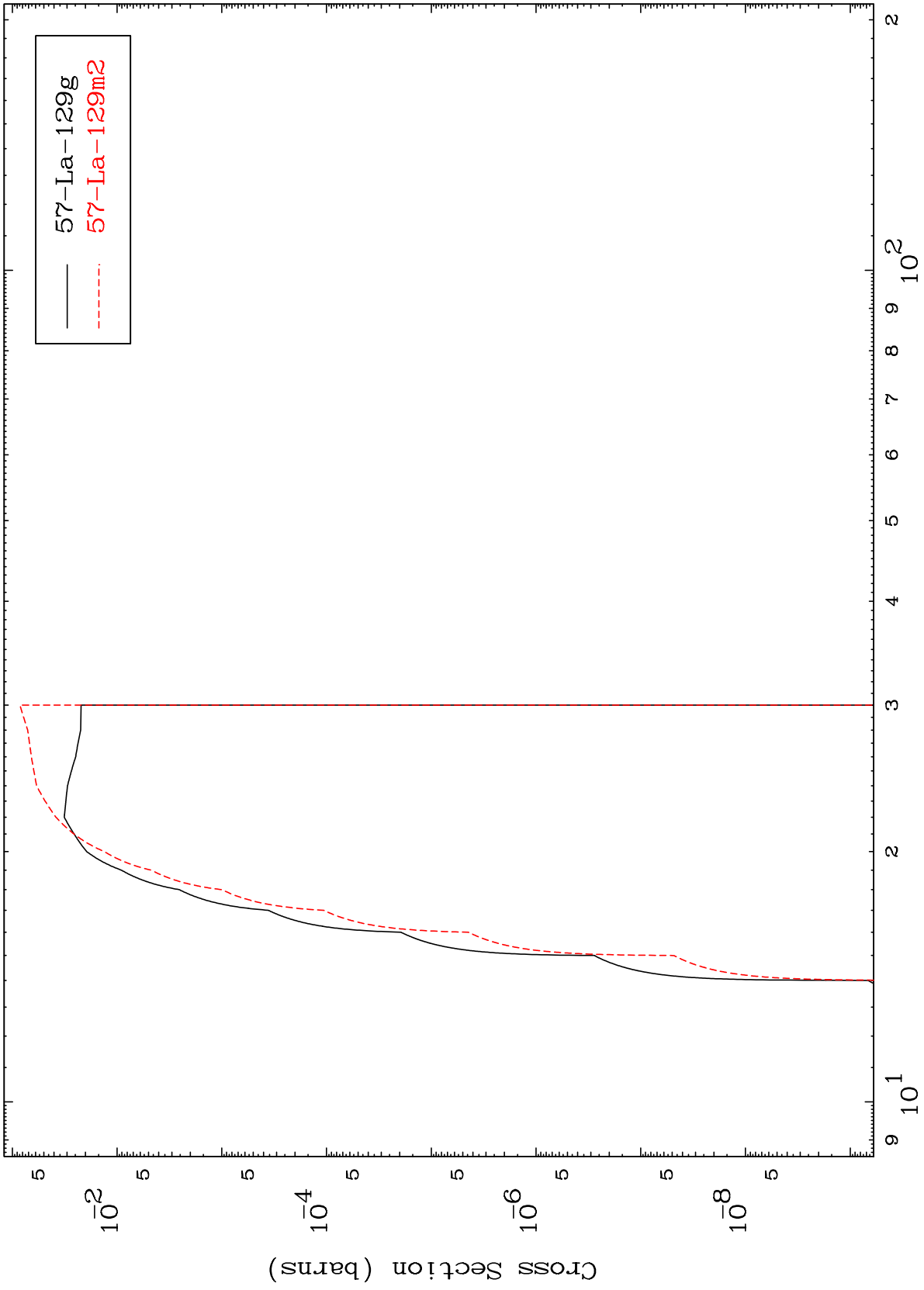
Incident Energy (MeV)

57-La-127

MAT 5693

57-La-127

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



19

Incident Energy (MeV)

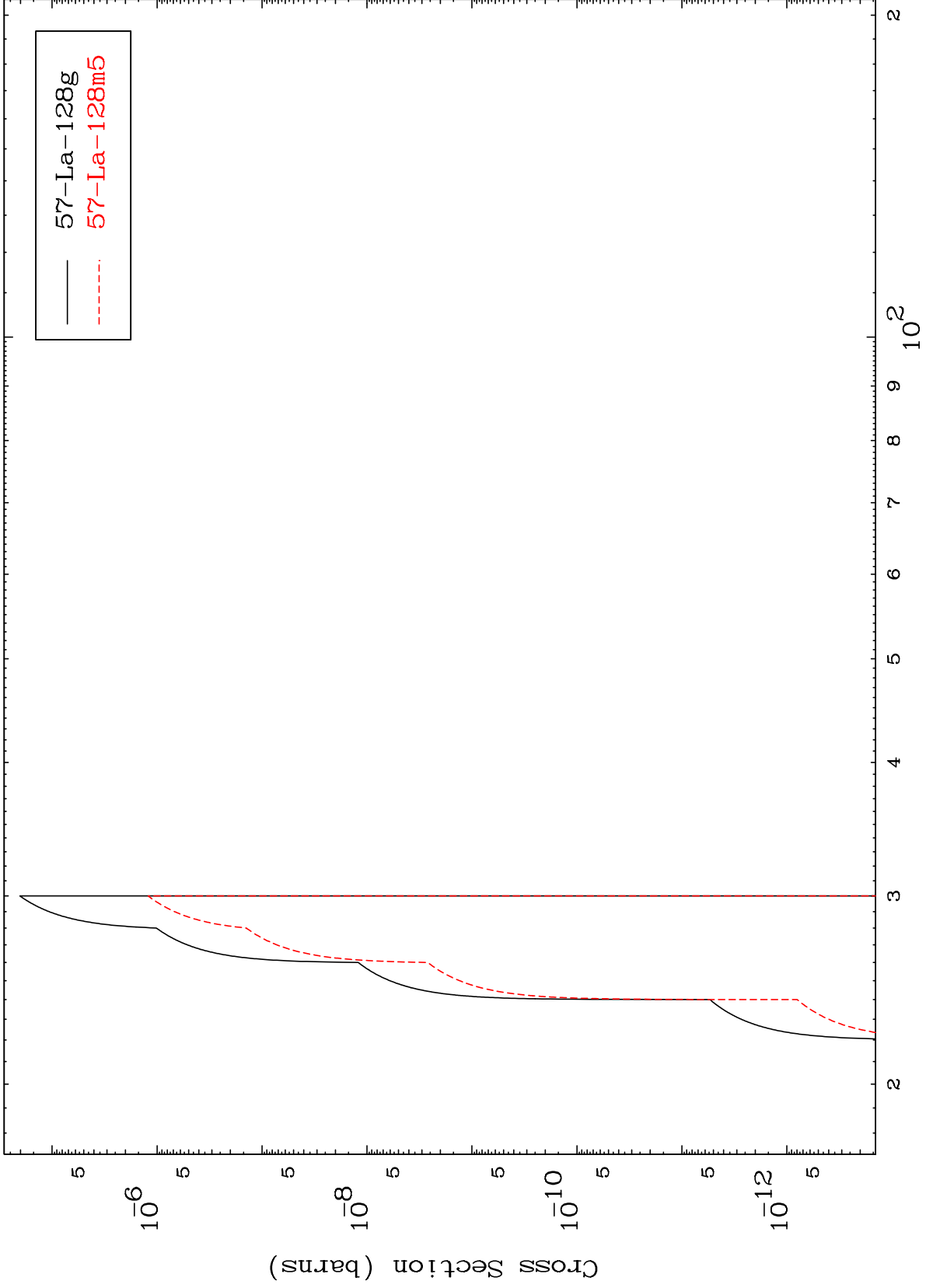
57-La-127

MAT 5693

(α, p) d

57-La-127

Radionuclide Production Cross Section



20

Incident Energy (MeV)

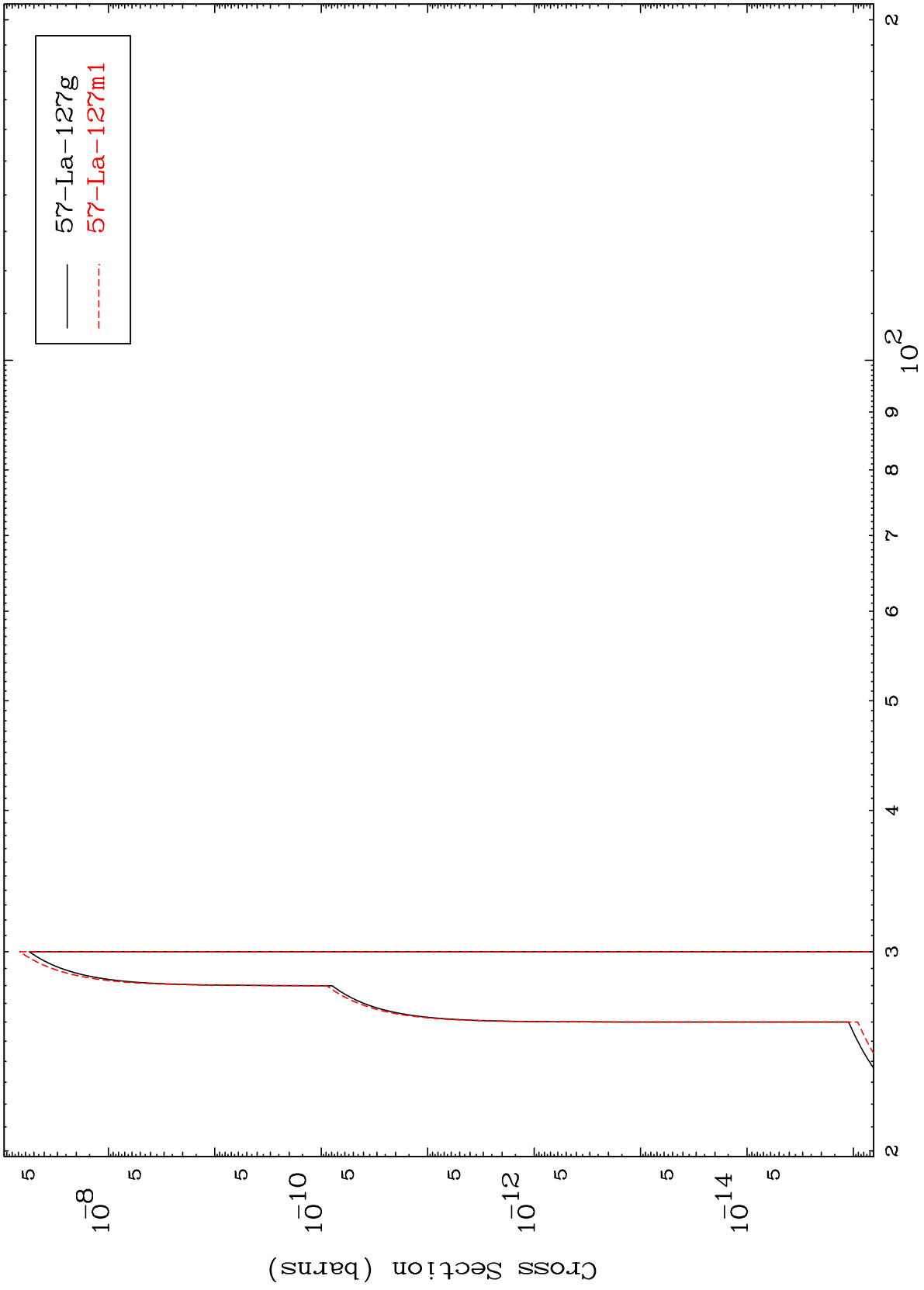
57-La-127

MAT 5693

(α, p) t

57-La-127

Radionuclide Production Cross Section



21

Incident Energy (MeV)

57-La-127