

Program EVALPLOT
(Version 2018-1)

by

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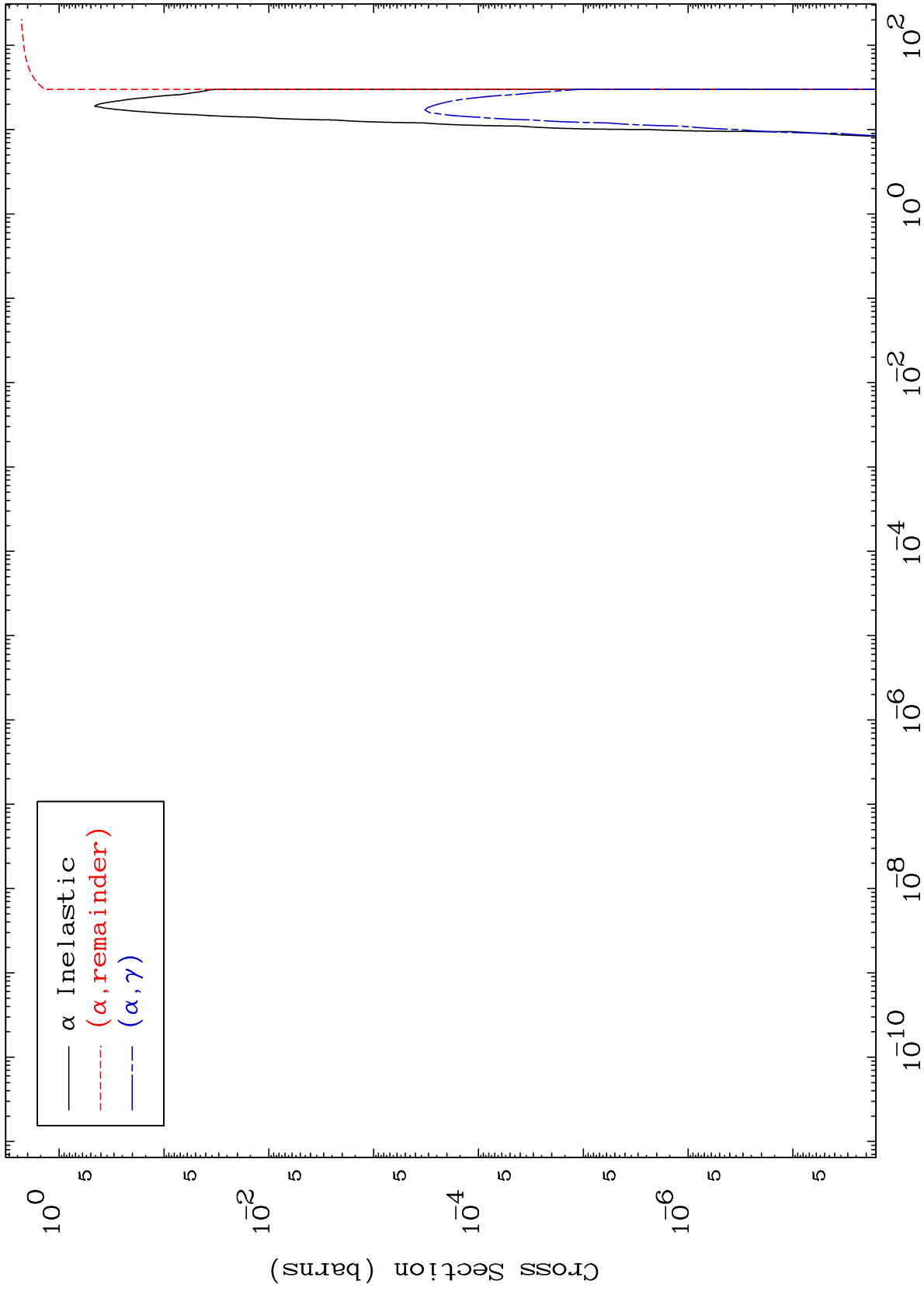
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5629

0 Kelvin α Major
Cross Sections

56-Ba-131



1

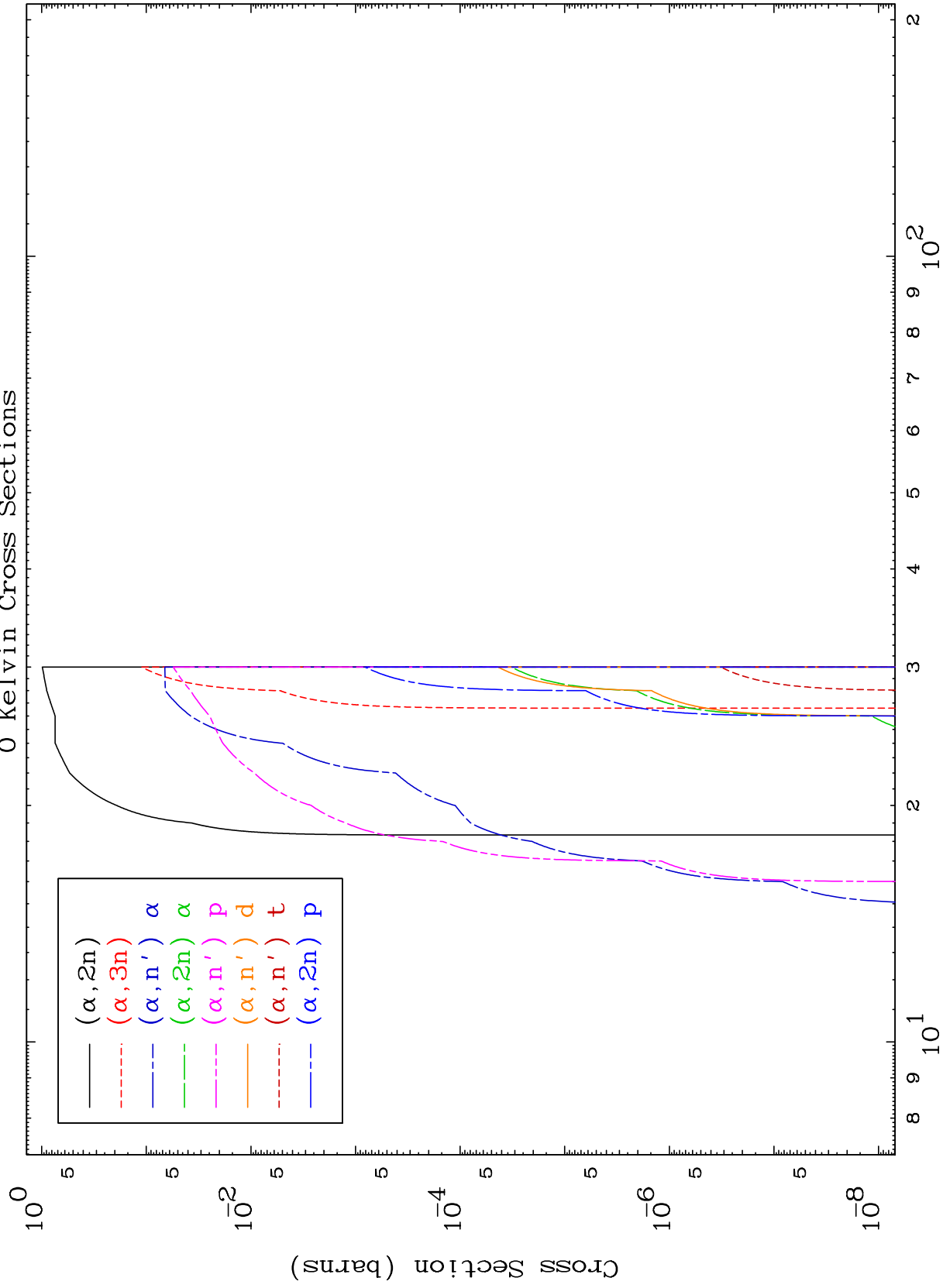
Incident Energy (MeV)

56-Ba-131

MAT 5629

α Neutron Production
0 Kelvin Cross Sections

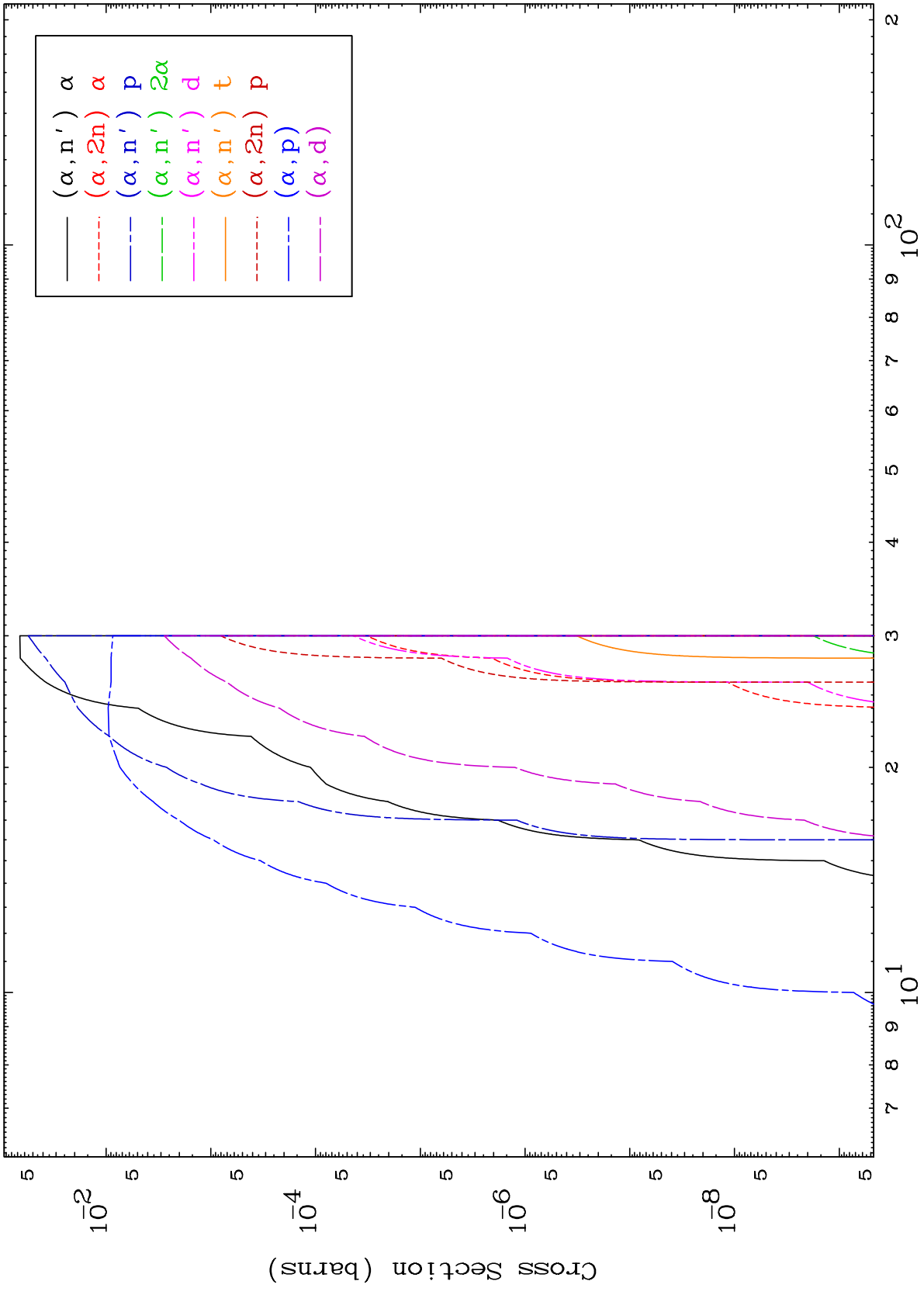
56-Ba-131



2

Incident Energy (MeV)

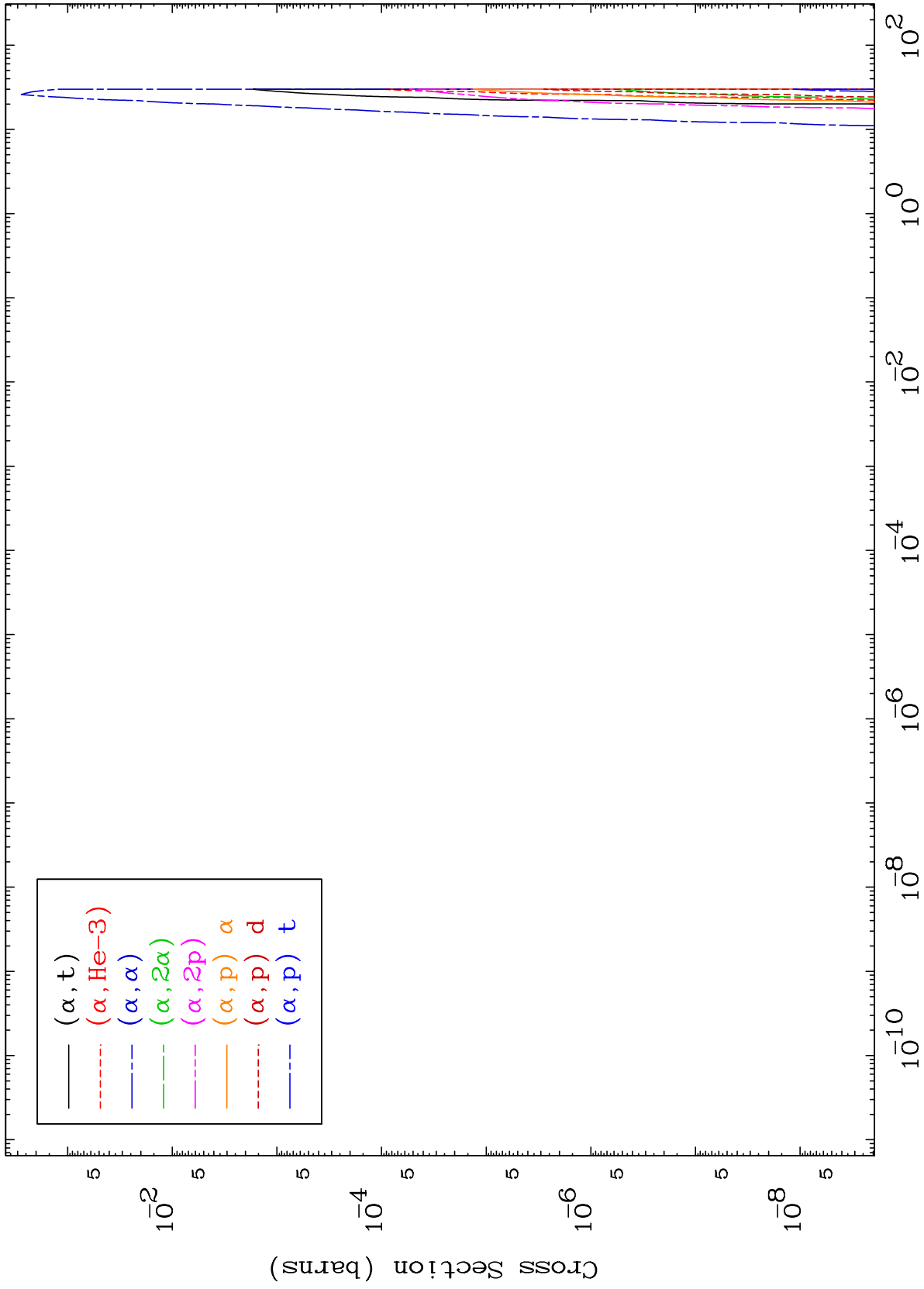
56-Ba-131



MAT 5629

α Charged Particle
0 Kelvin Cross Sections

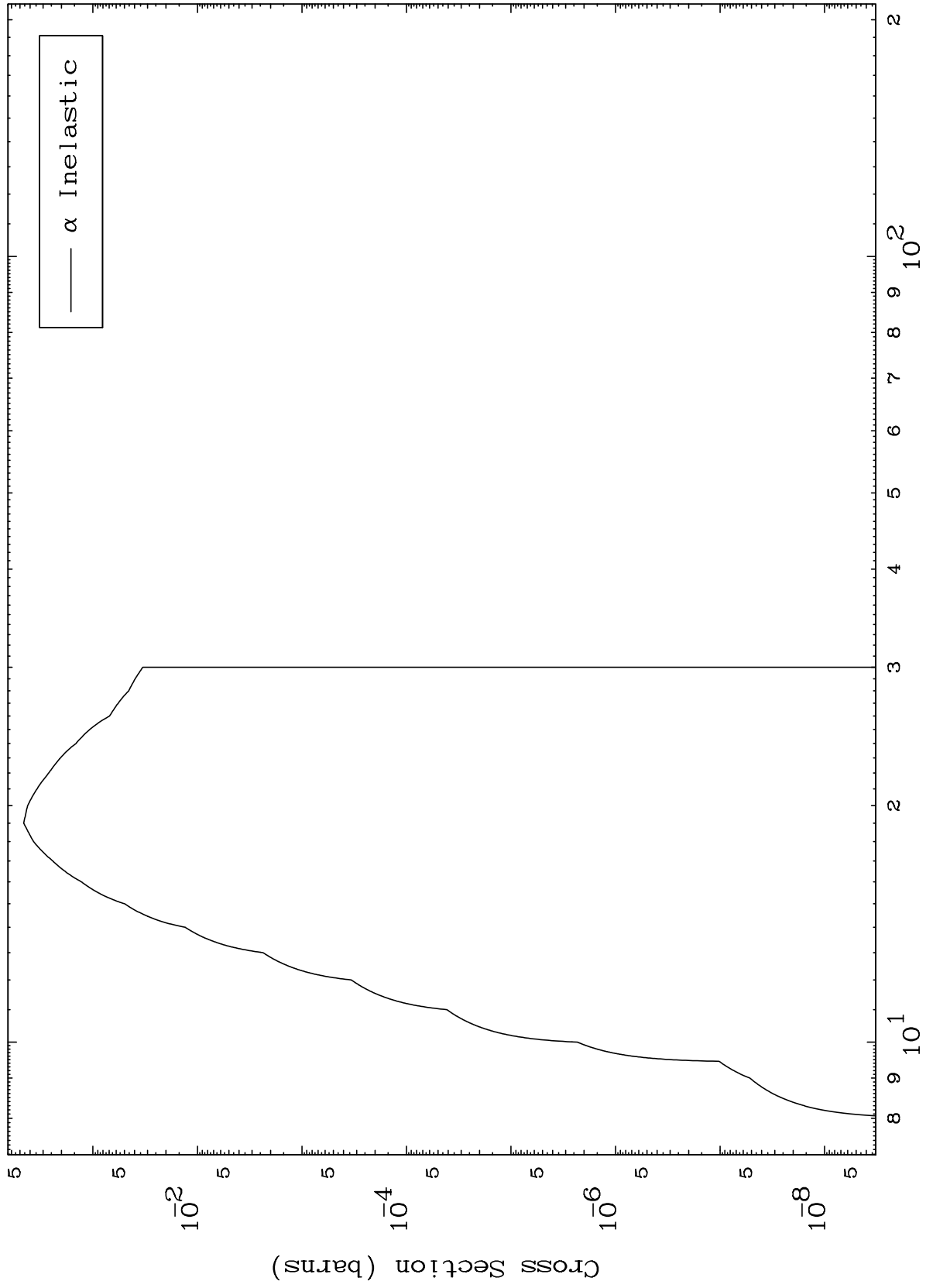
56-Ba-131



MAT 5629

(α, n') Level
0 Kelvin Cross Sections

56-Ba-131



5

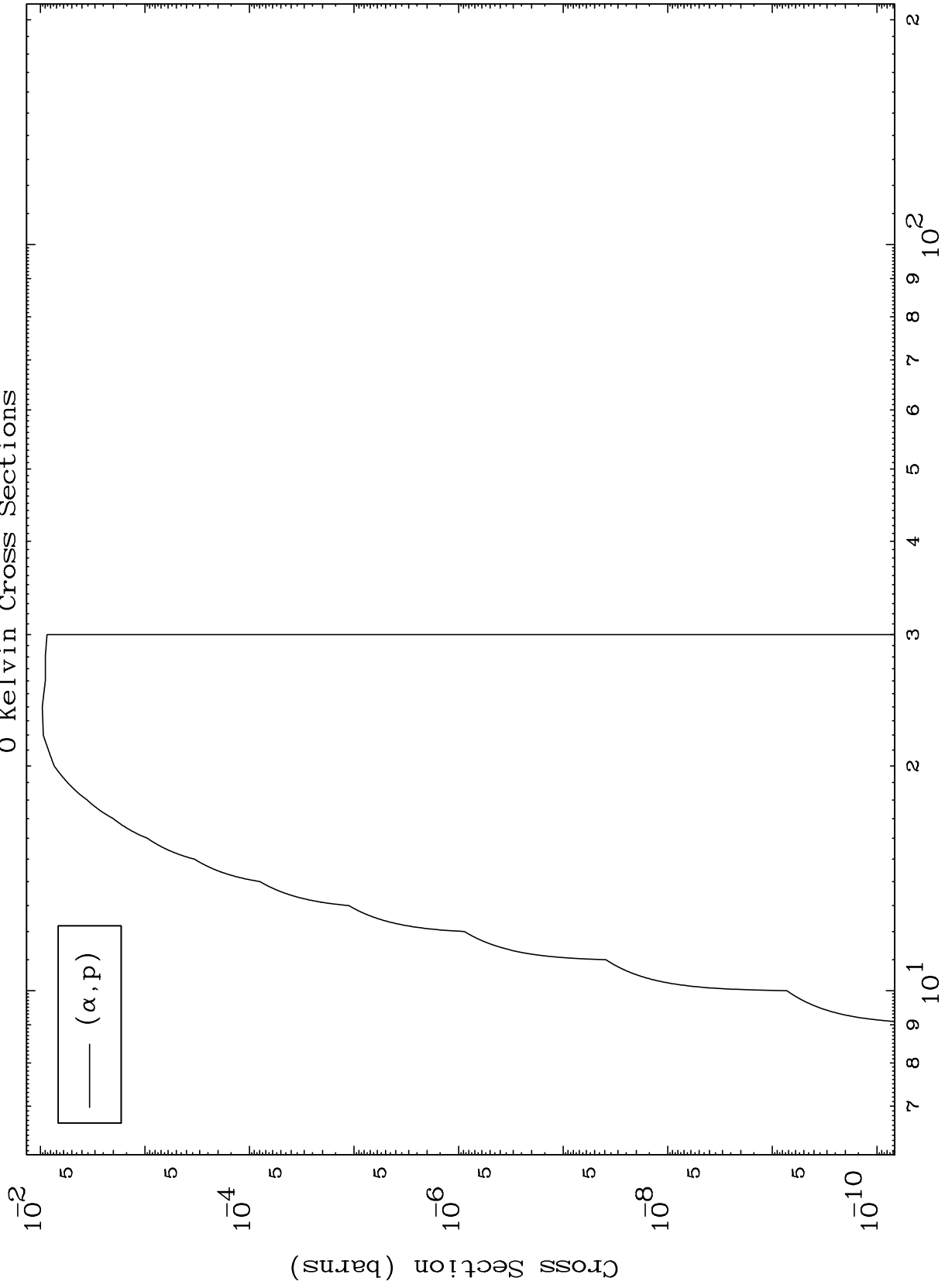
Incident Energy (MeV)

56-Ba-131

MAT 5629

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-131



6

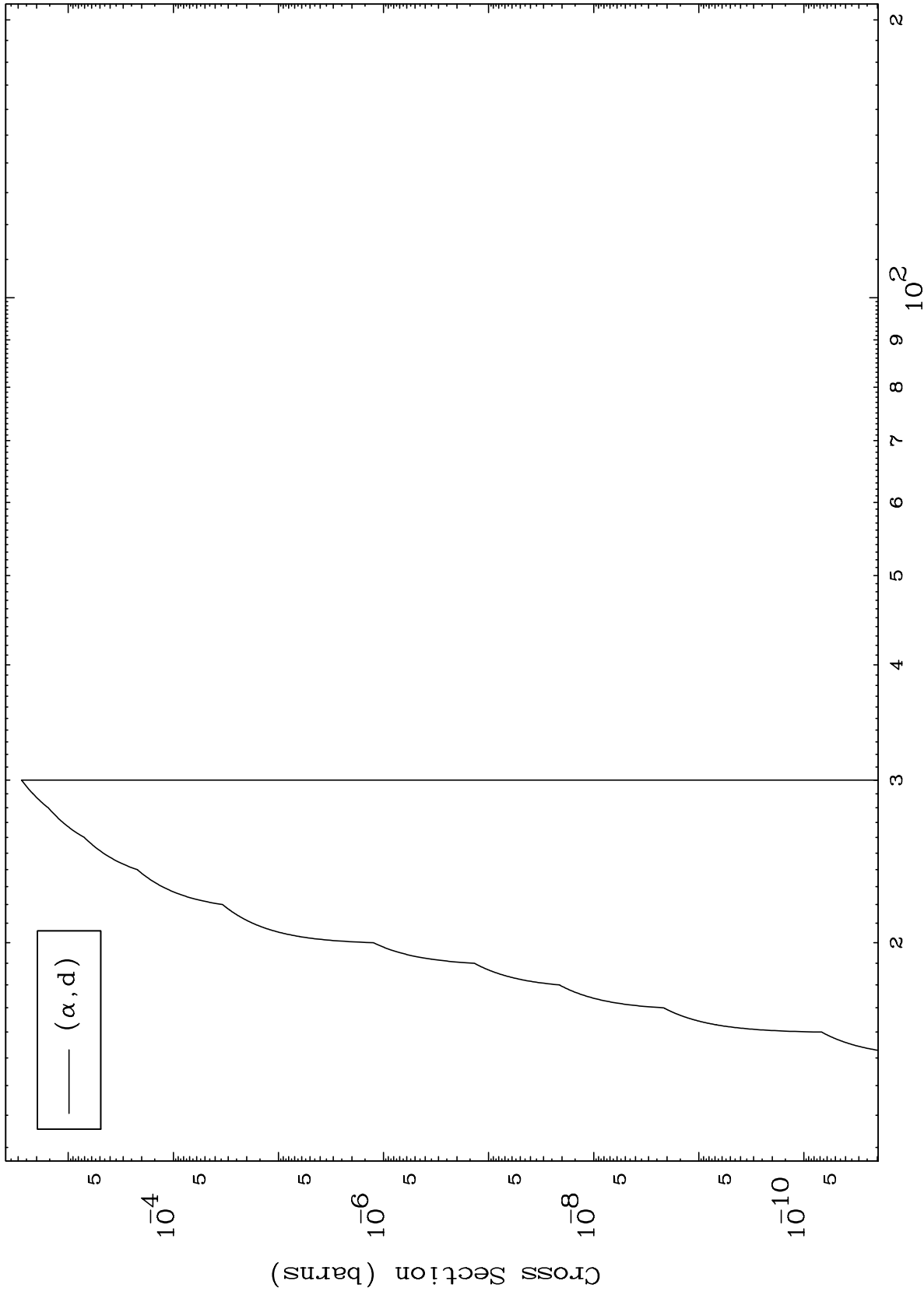
Incident Energy (MeV)

56-Ba-131

MAT 5629

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-131



7

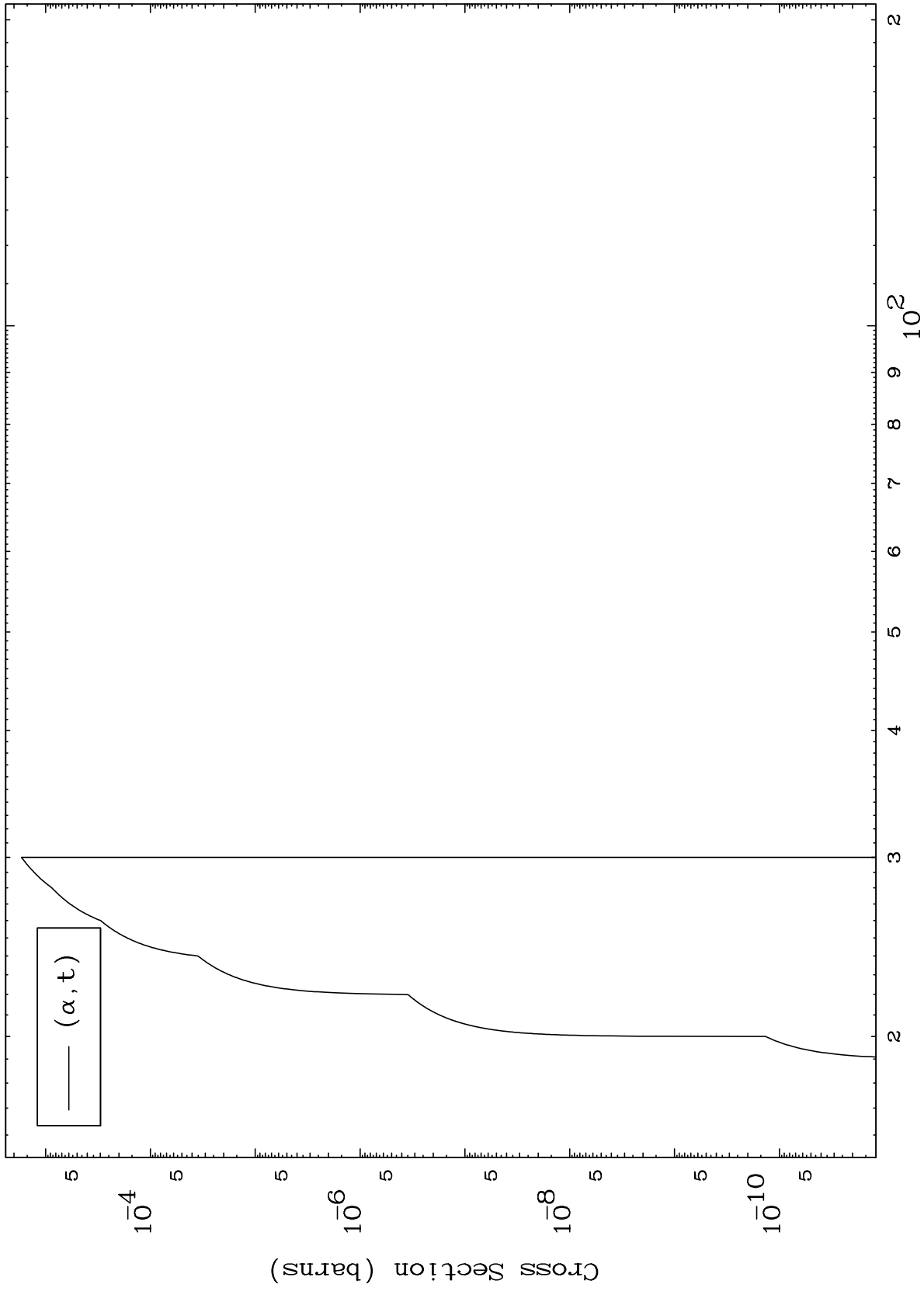
Incident Energy (MeV)

56-Ba-131

MAT 5629

(α, t) Levels
0 Kelvin Cross Sections

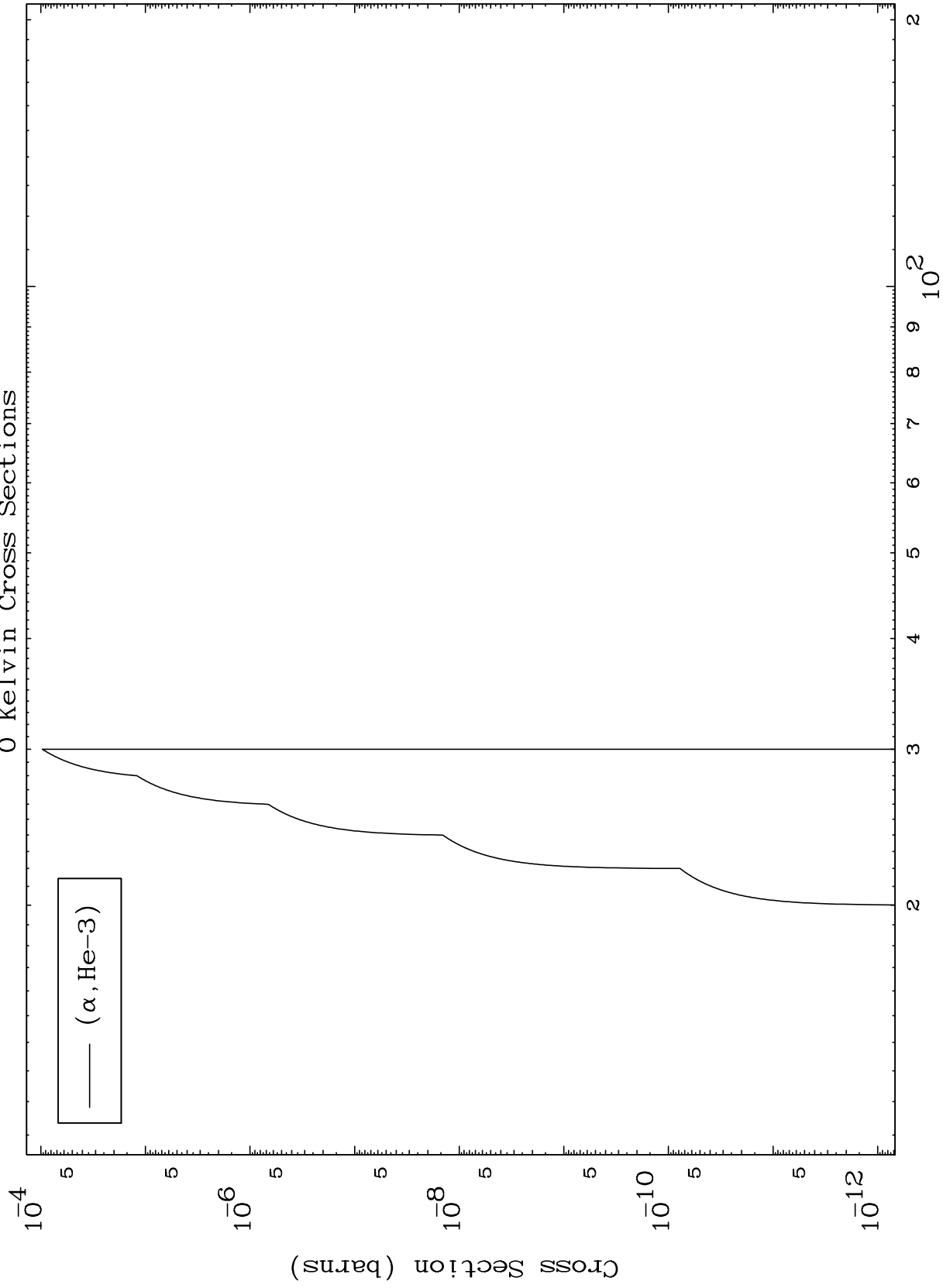
56-Ba-131



MAT 5629

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

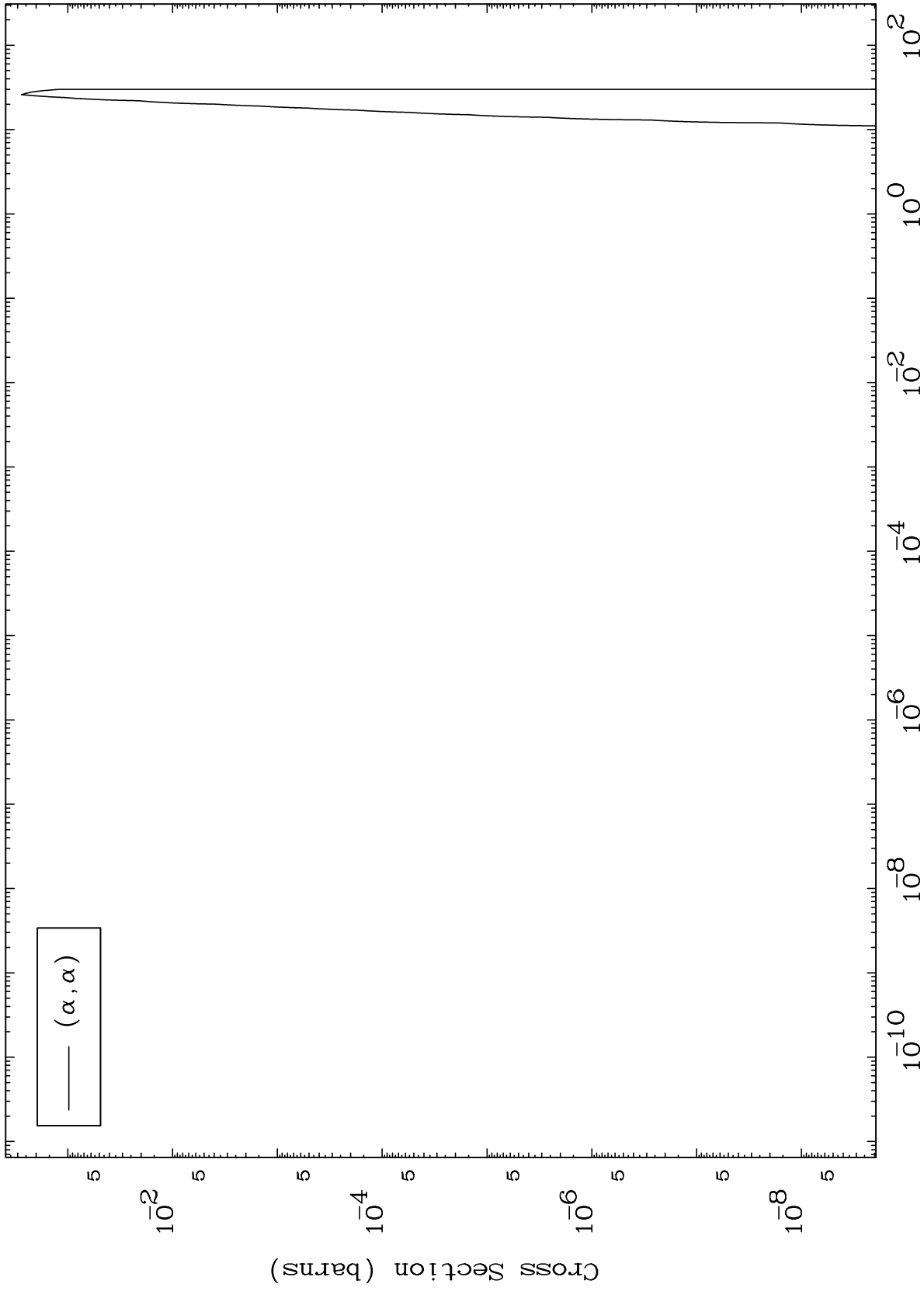
56-Ba-131



MAT 5629

(α, α) Levels
0 Kelvin Cross Sections

56-Ba-131



10

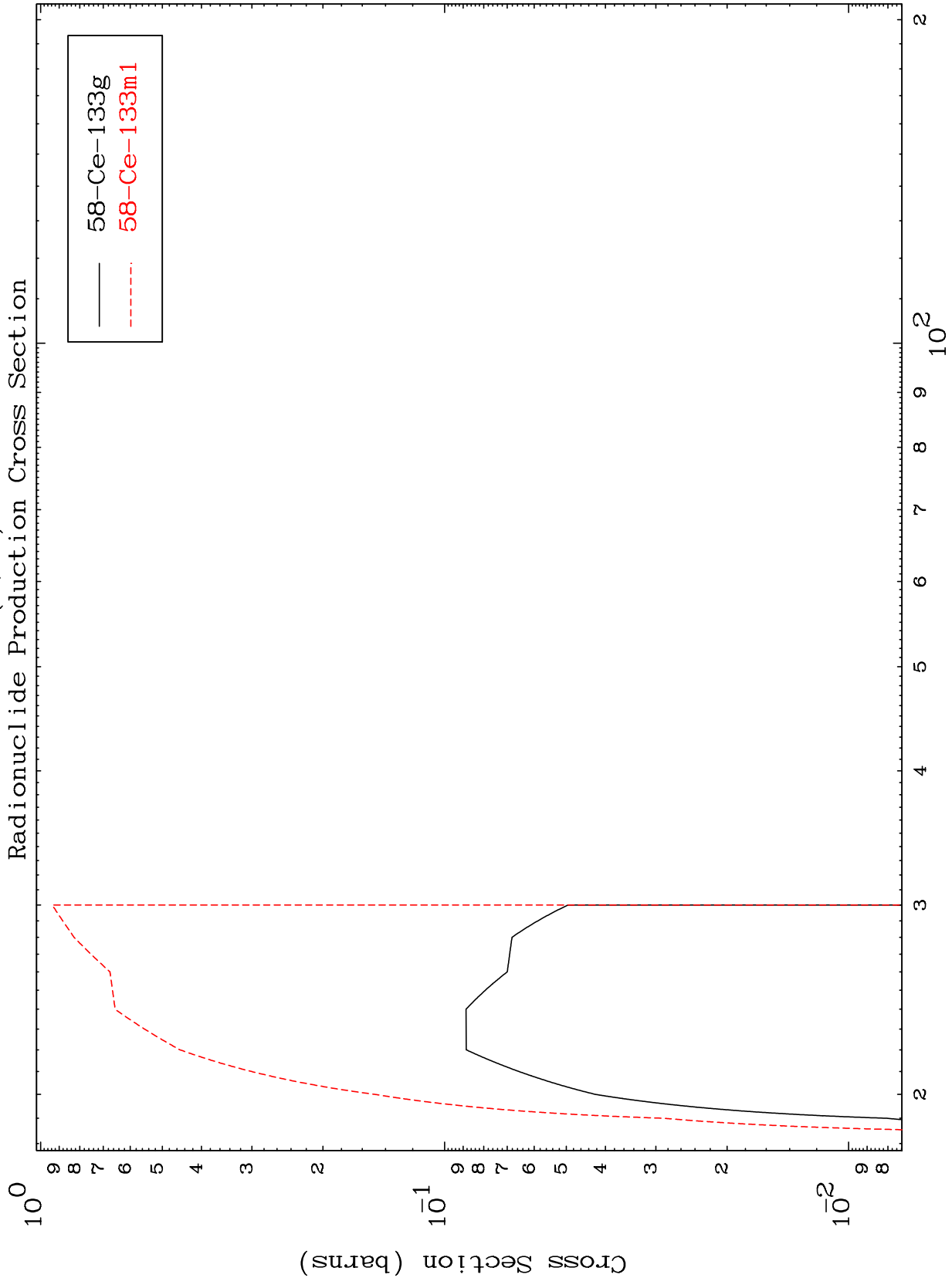
Incident Energy (MeV)

56-Ba-131

MAT 5629

56-Ba-131

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



11

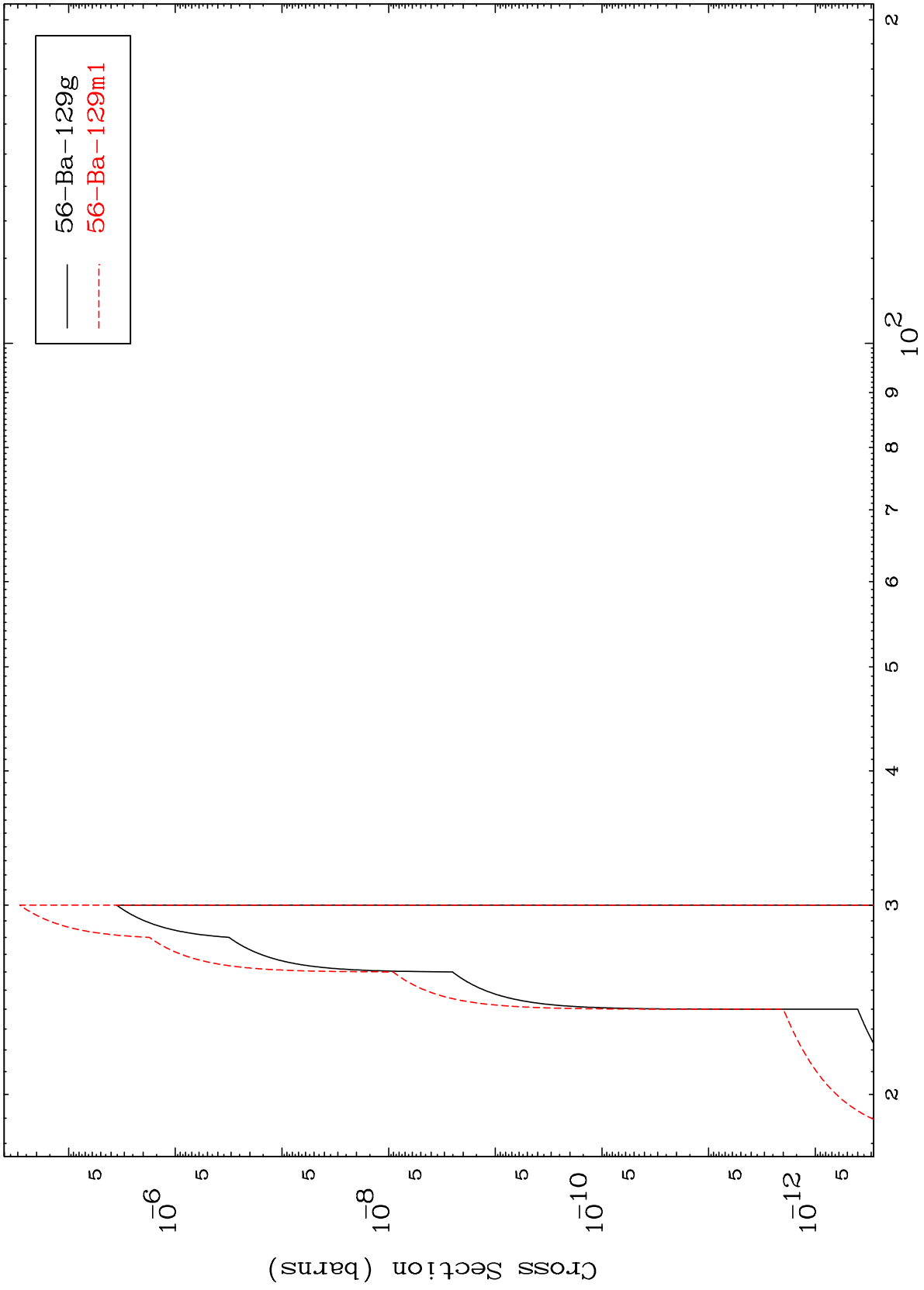
56-Ba-131

MAT 5629

$(\alpha, 2n) \alpha$

56-Ba-131

Radionuclide Production Cross Section



12

Incident Energy (MeV)

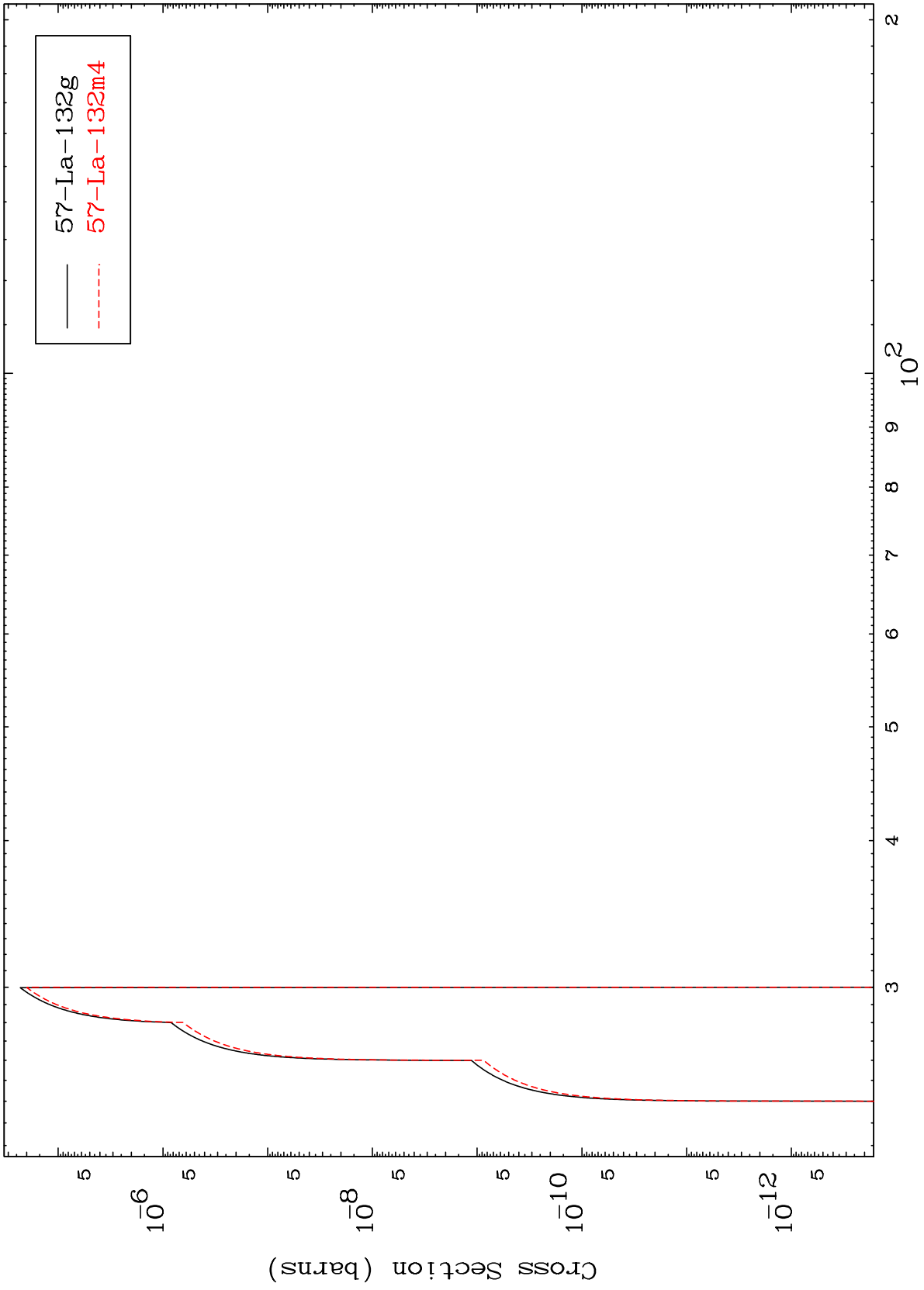
56-Ba-131

MAT 5629

(α, n') d

56-Ba-131

Radionuclide Production Cross Section



13

Incident Energy (MeV)

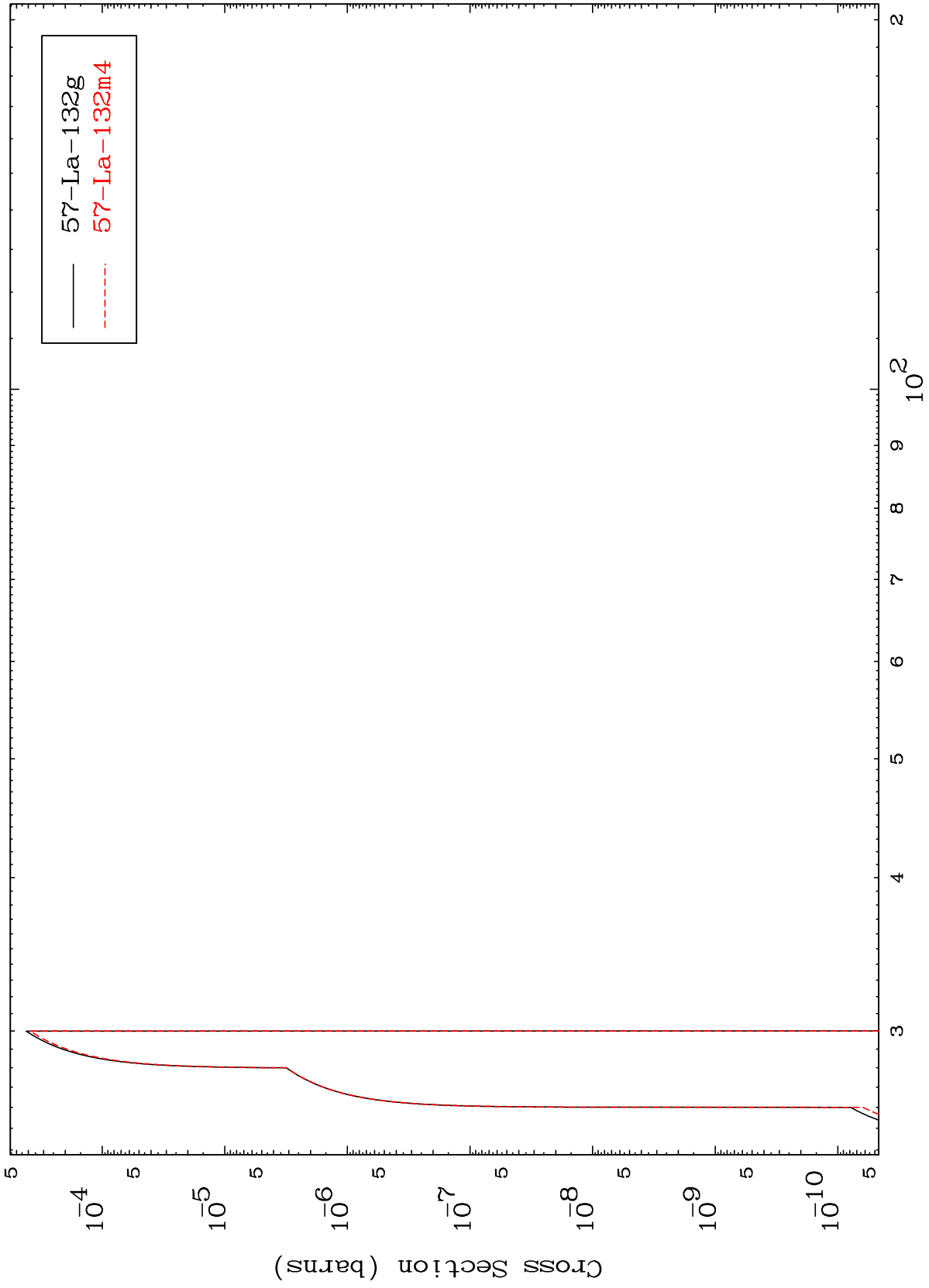
56-Ba-131

MAT 5629

($\alpha, 2n$) p

56-Ba-131

Radionuclide Production Cross Section



14

Incident Energy (MeV)

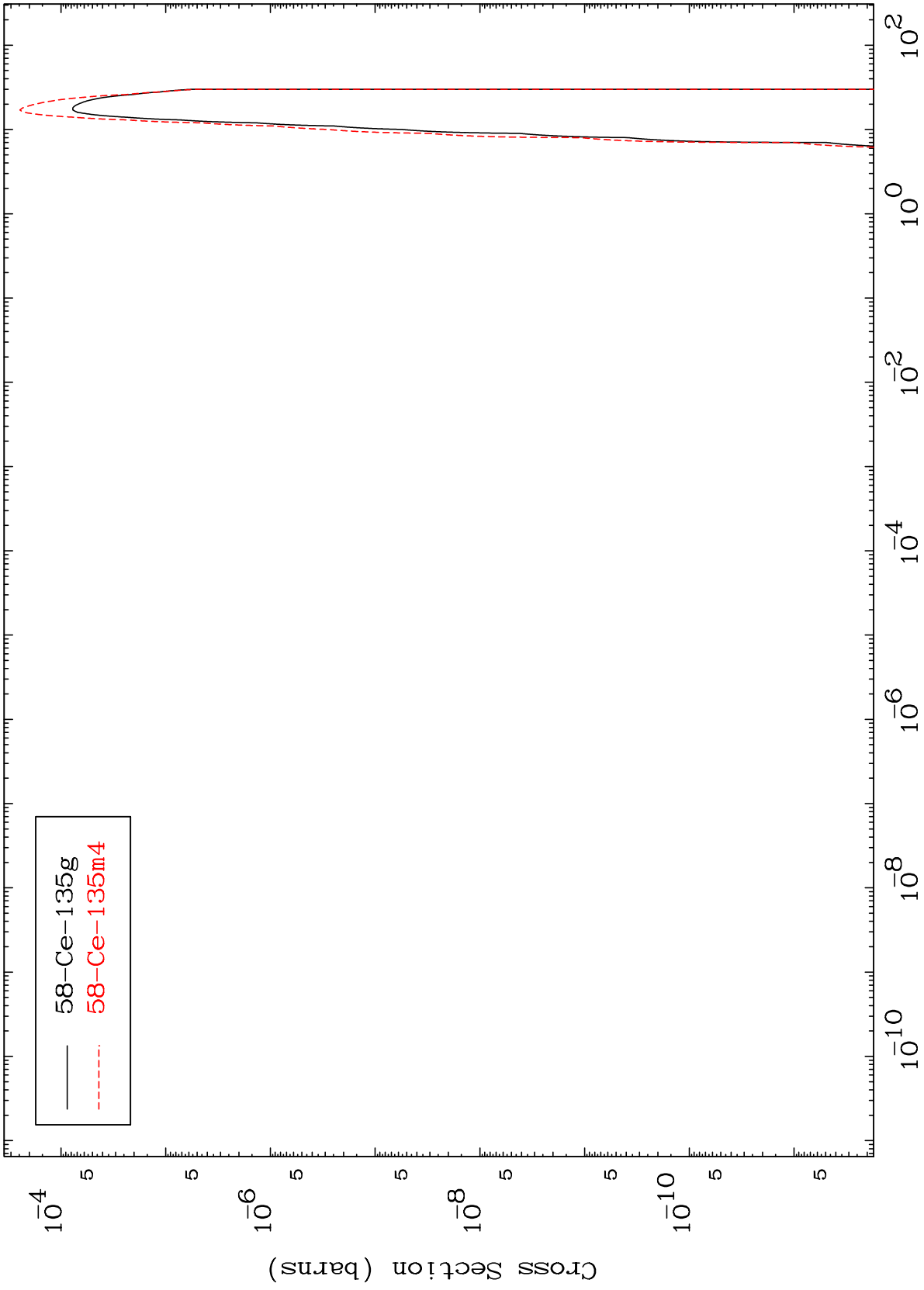
56-Ba-131

MAT 5629

(α, γ)

56-Ba-131

Radionuclide Production Cross Section



15

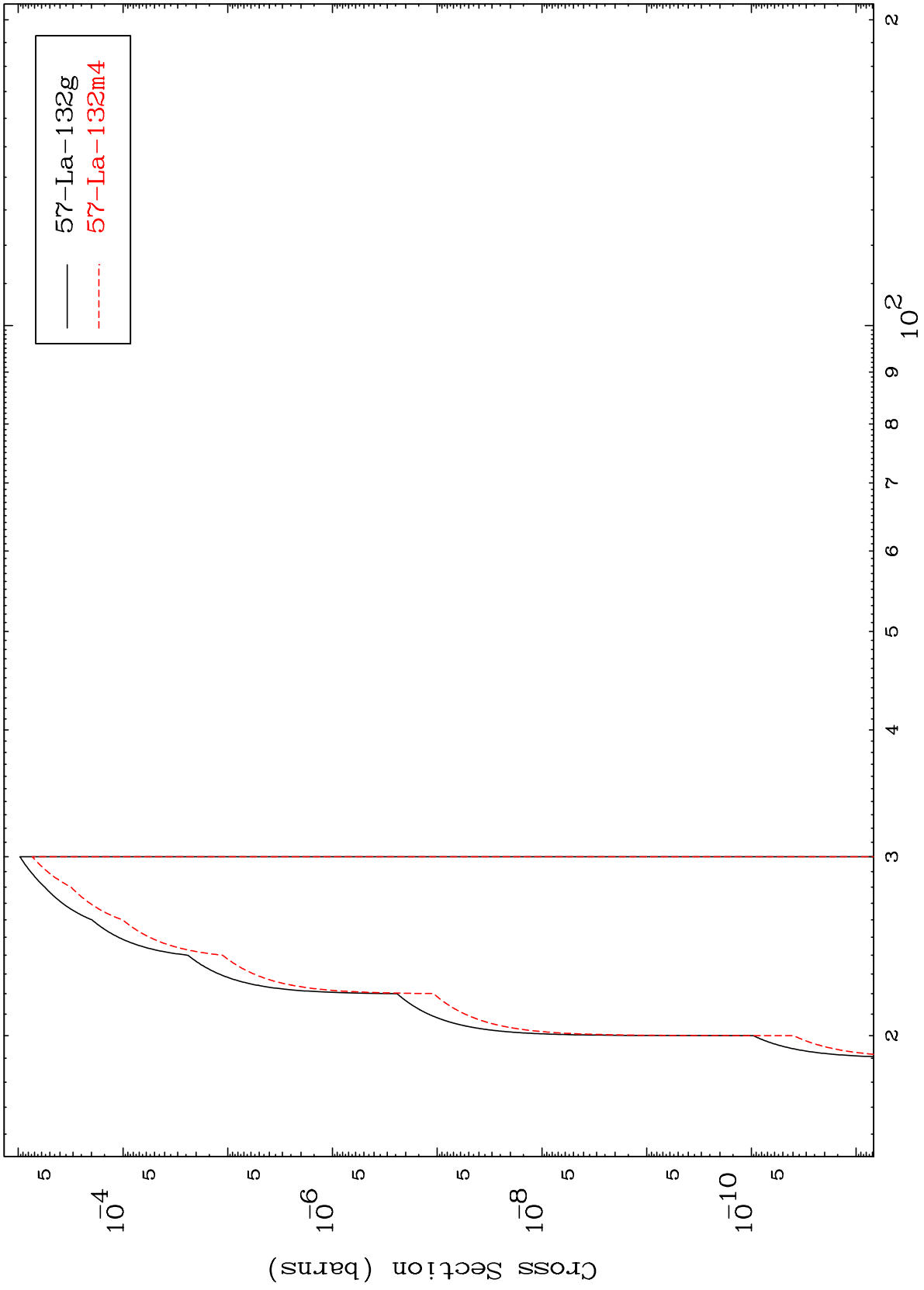
Incident Energy (MeV)

56-Ba-131

MAT 5629

56-Ba-131

(α, t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

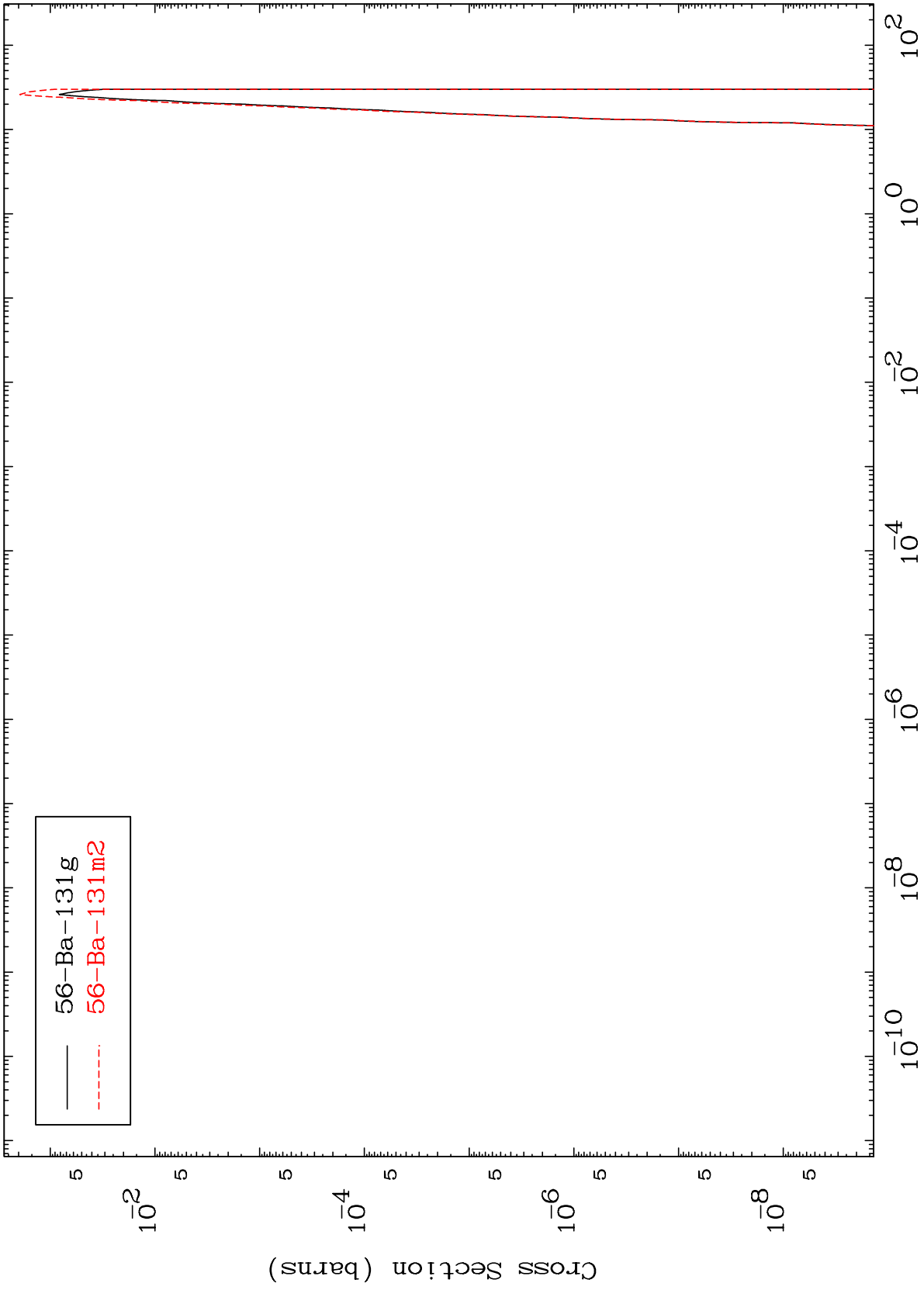
56-Ba-131

MAT 5629

(α, α)

56-Ba-131

Radionuclide Production Cross Section



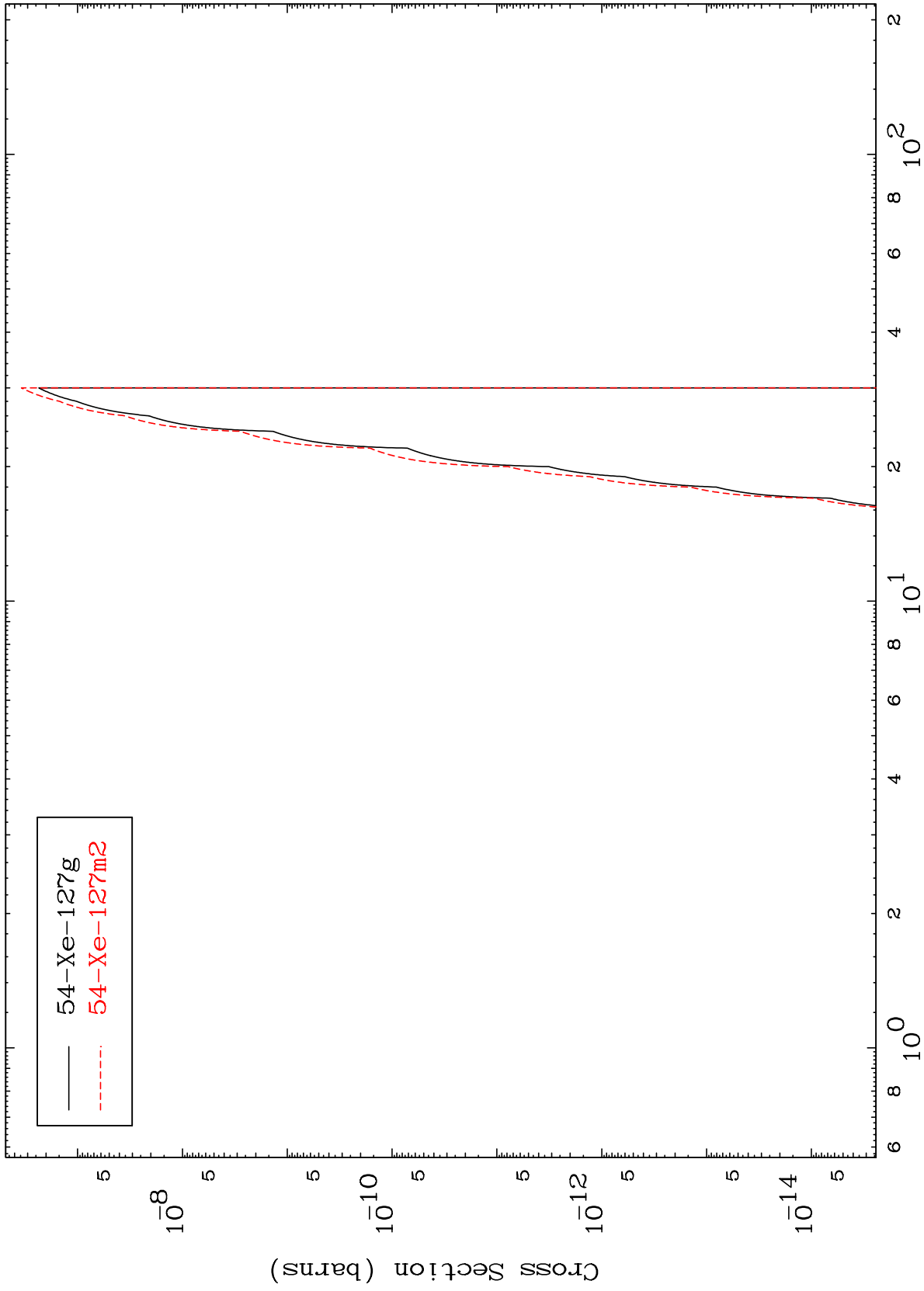
56-Ba-131

MAT 5629

($\alpha, 2\alpha$)

56-Ba-131

Radionuclide Production Cross Section



18

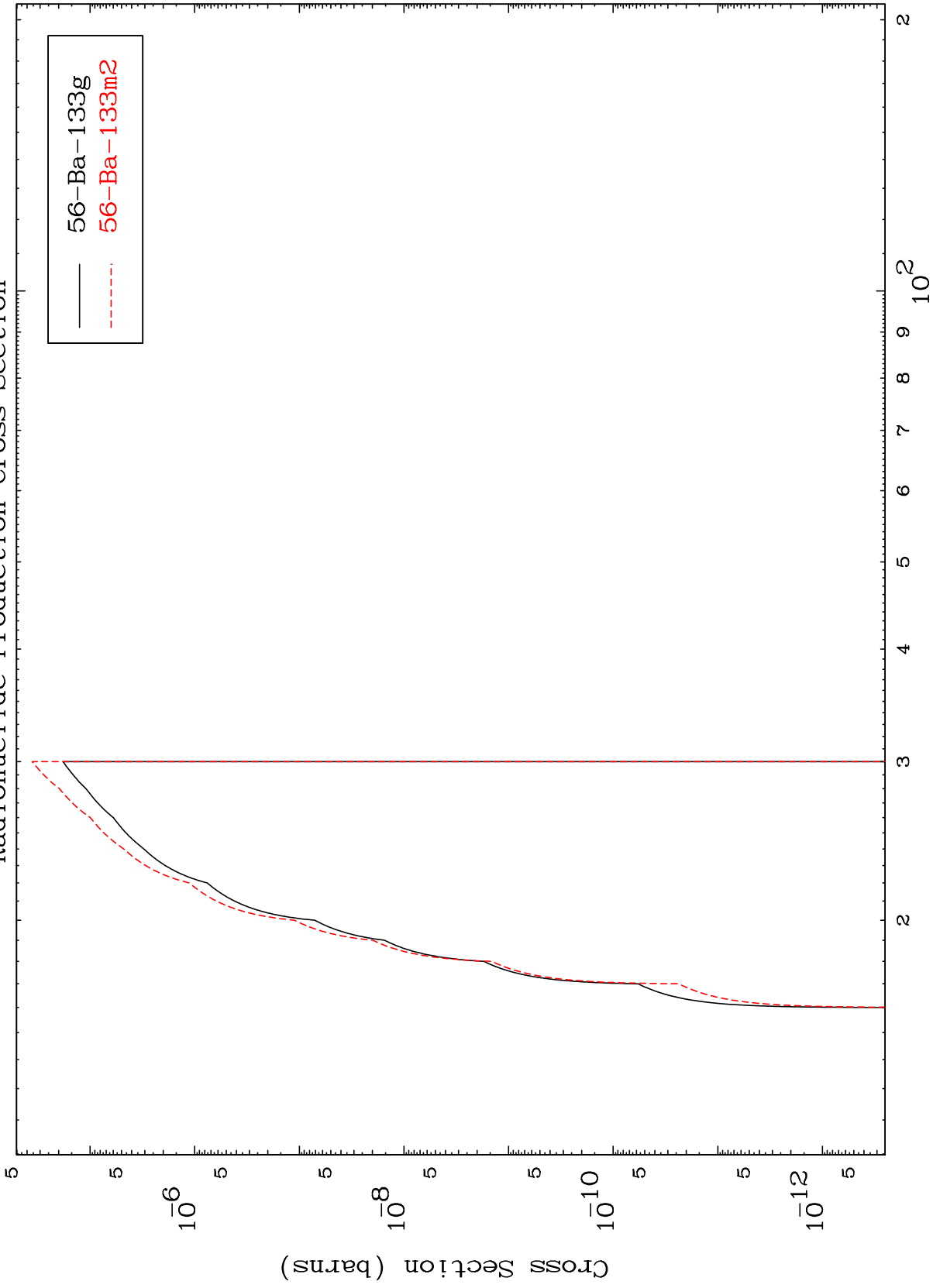
Incident Energy (MeV)

56-Ba-131

MAT 5629

56-Ba-131

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



19

Incident Energy (MeV)

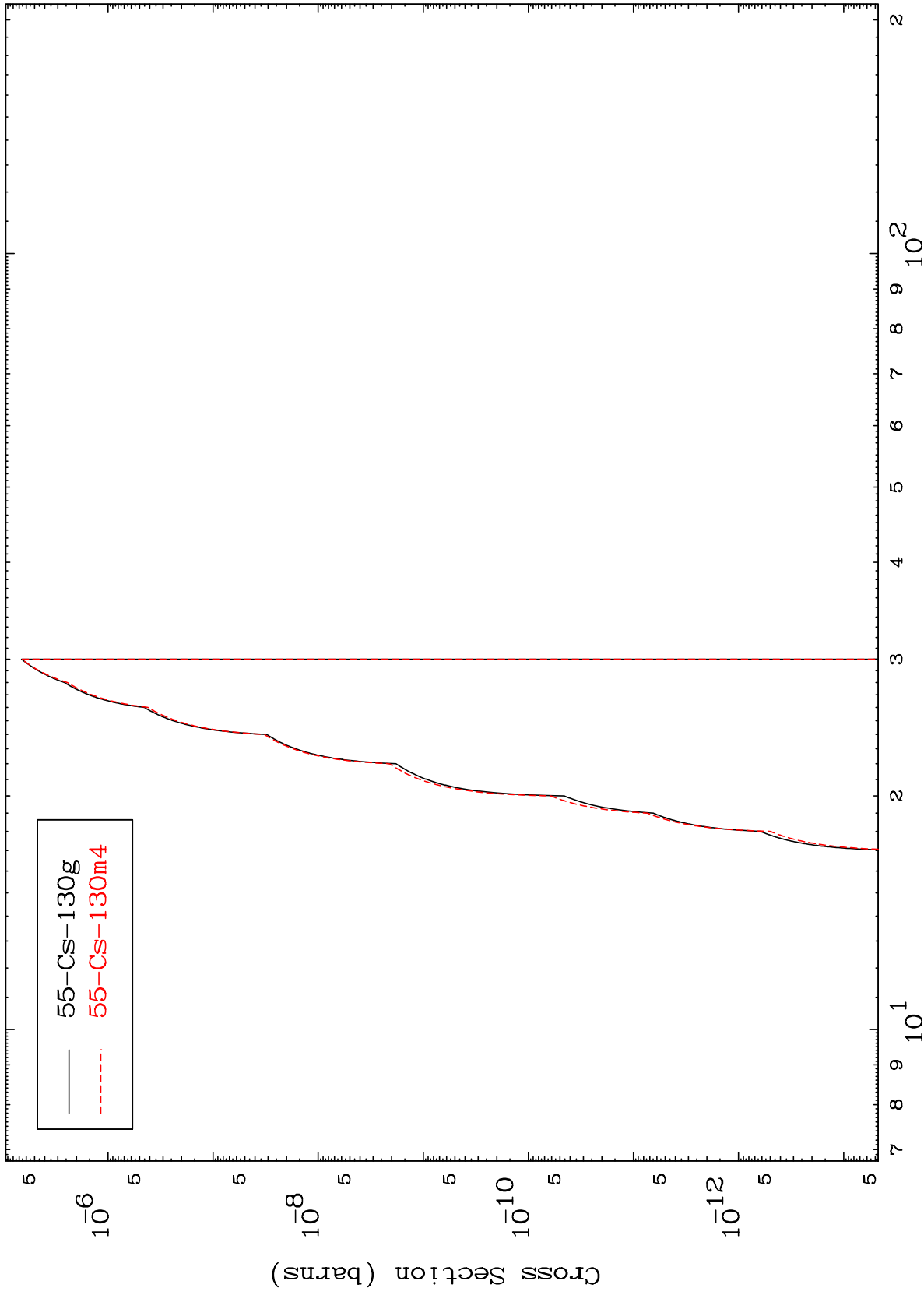
56-Ba-131

MAT 5629

(α, p) α

56-Ba-131

Radionuclide Production Cross Section



20

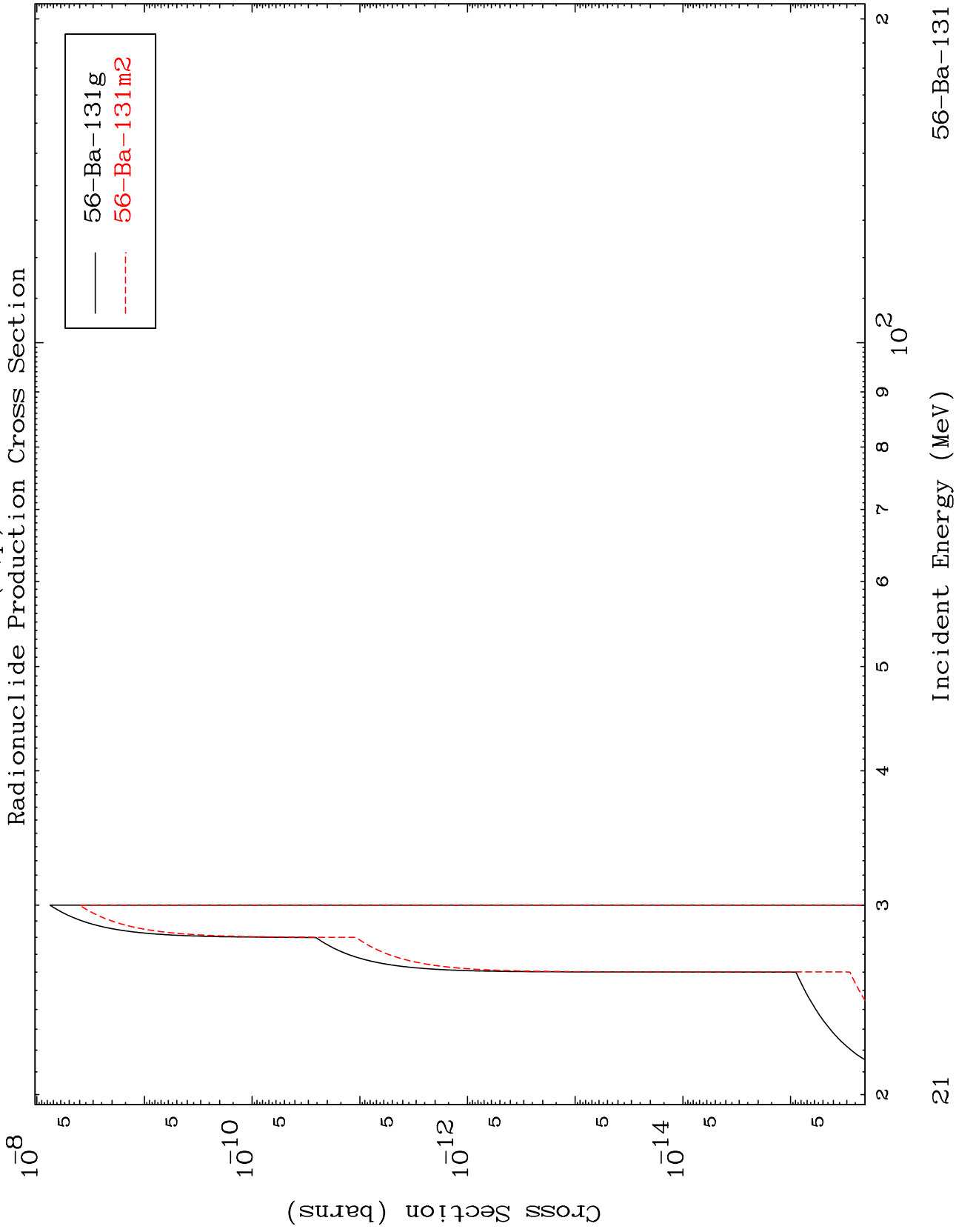
Incident Energy (MeV)

56-Ba-131

MAT 5629

(α, p) t

56-Ba-131



21

56-Ba-131