

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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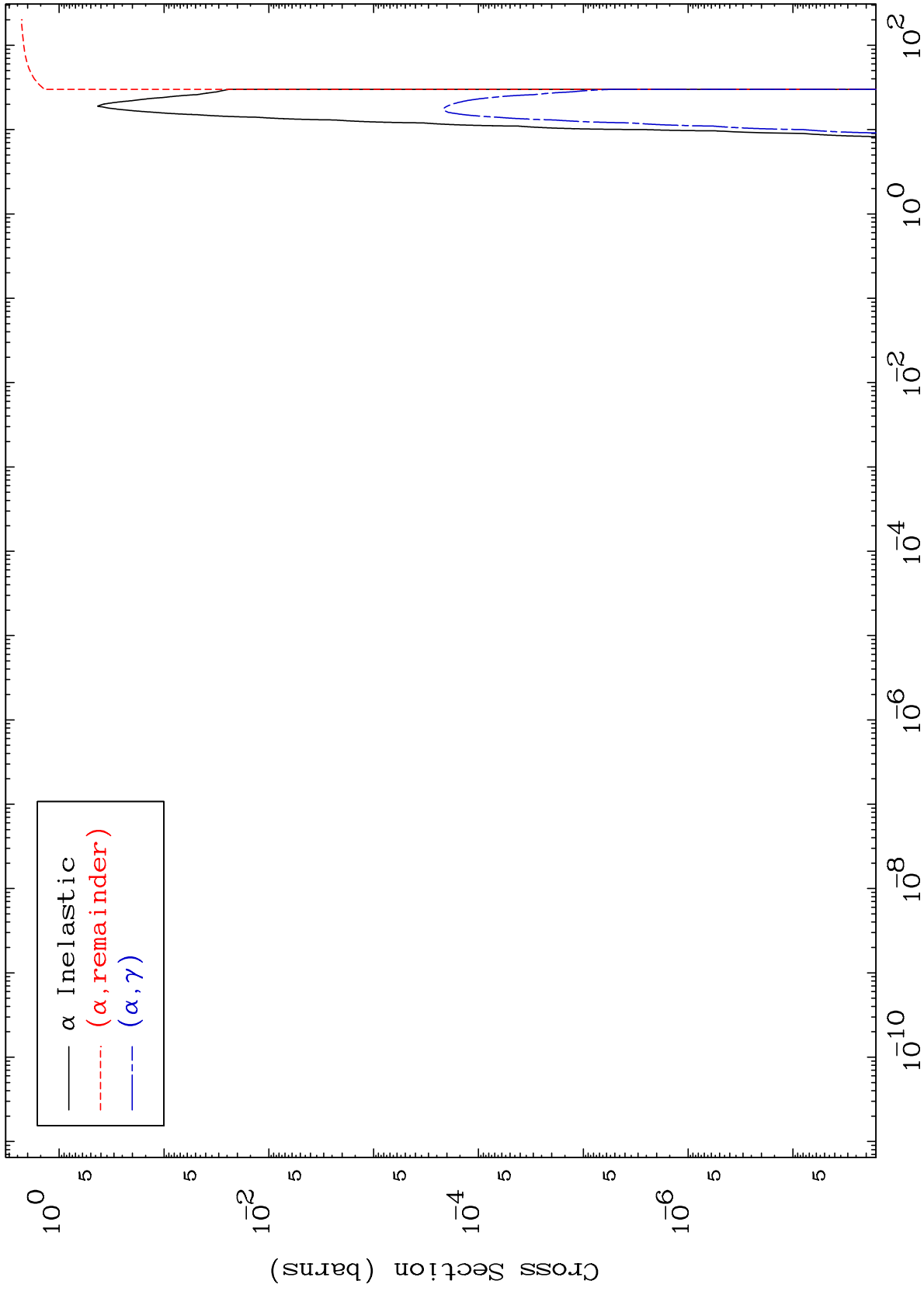
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5628

0 Kelvin α Major
Cross Sections

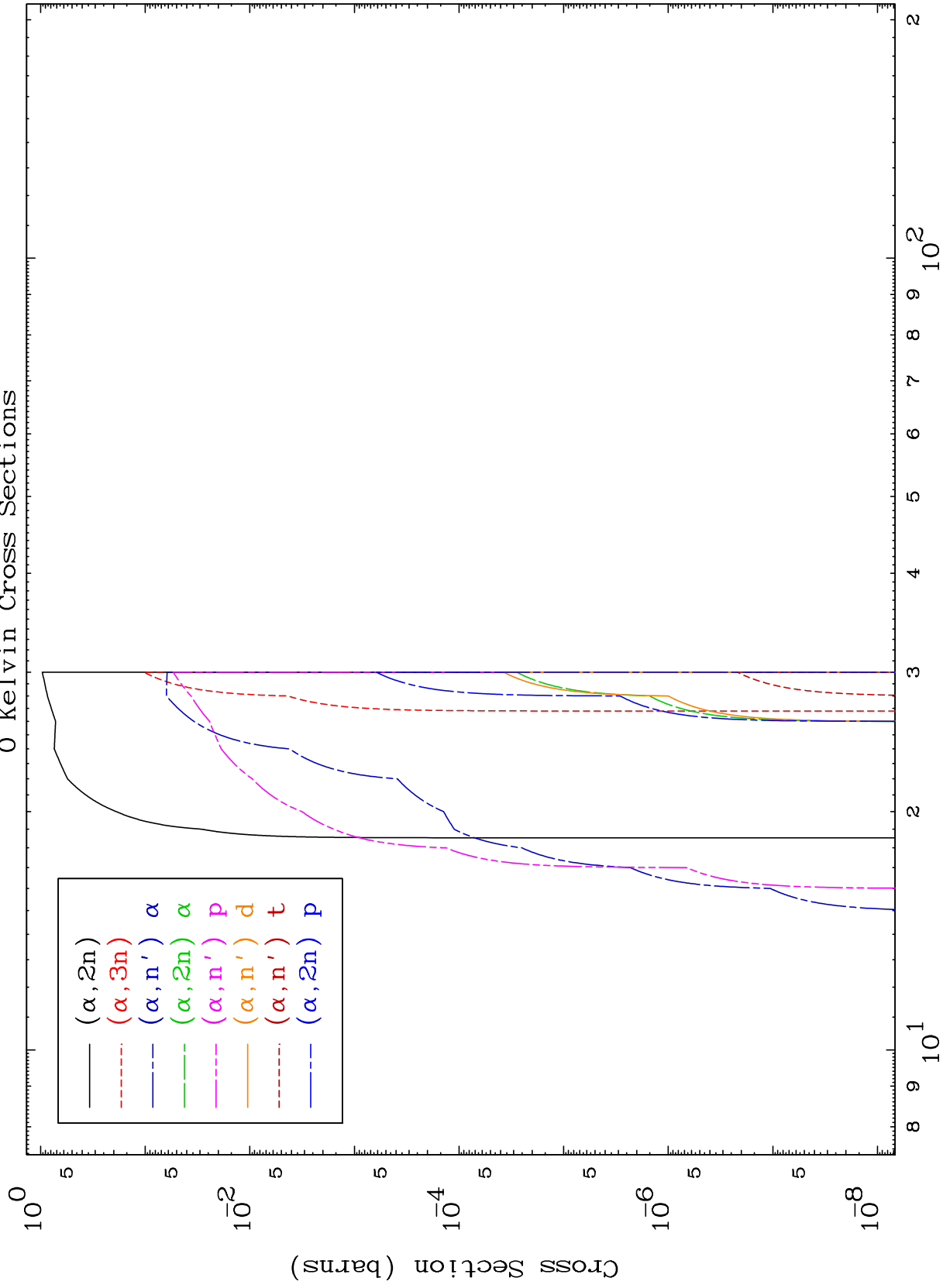
56-Ba-131



MAT 5628

α Neutron Production
0 Kelvin Cross Sections

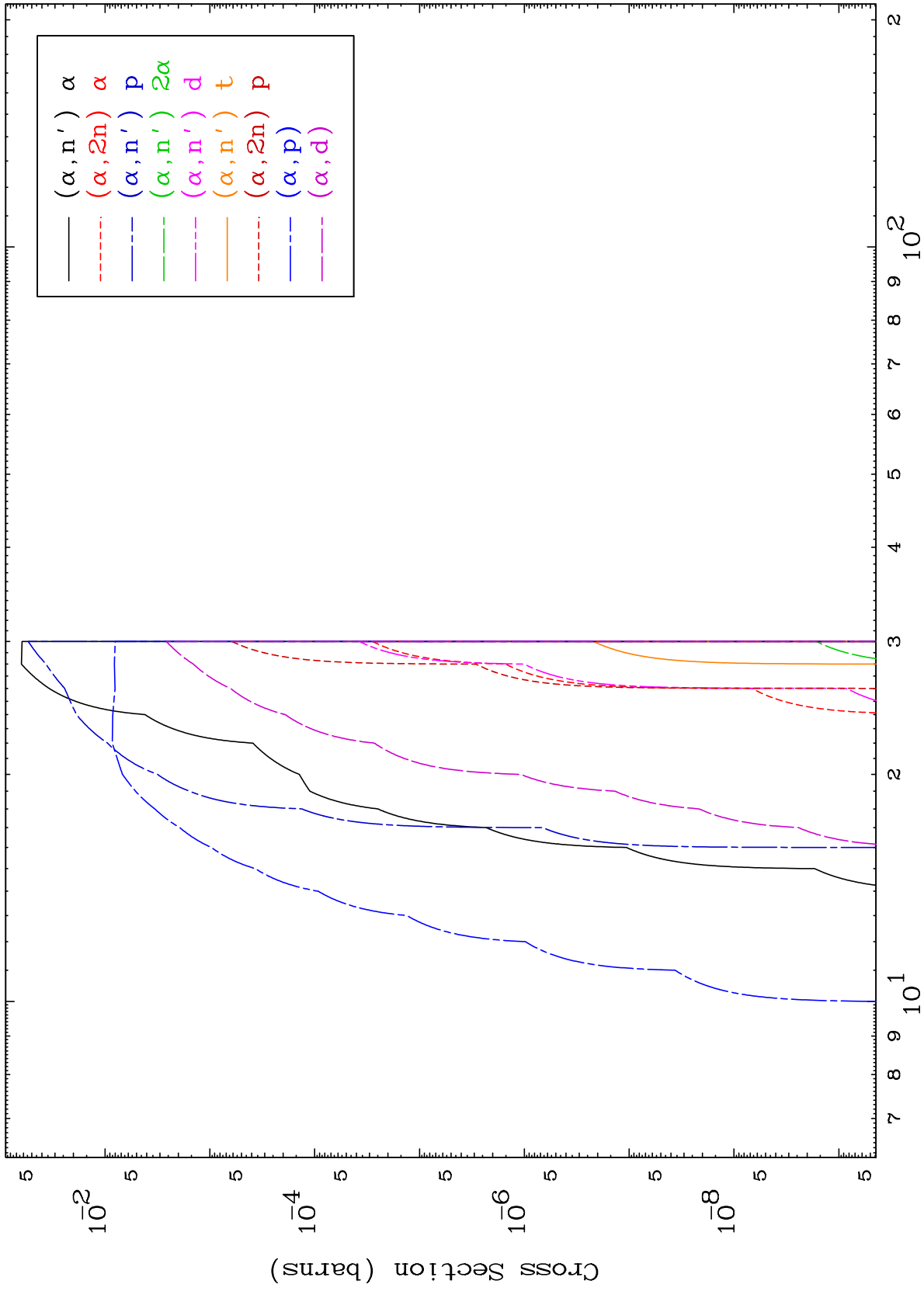
56-Ba-131

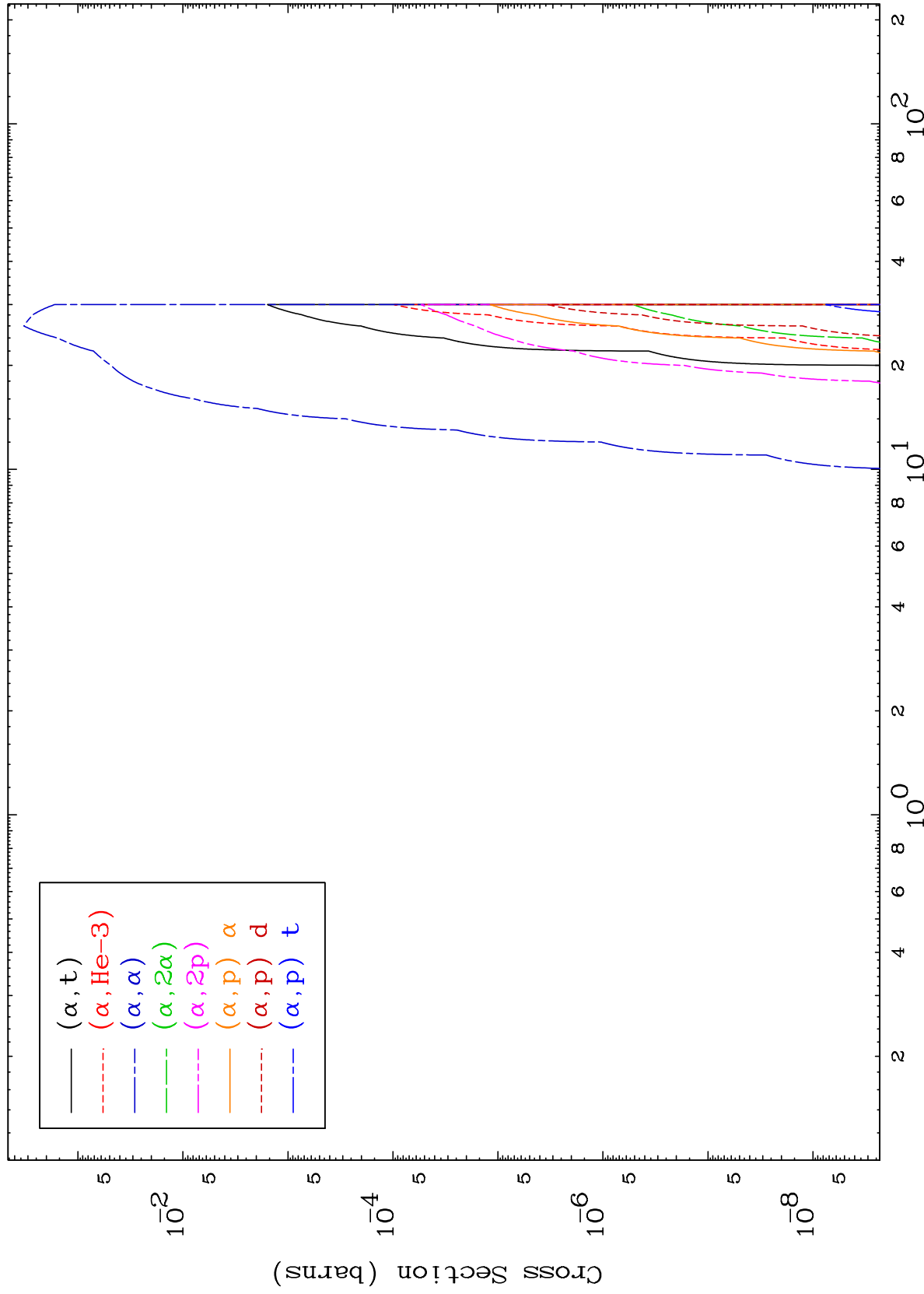


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Incident Energy (MeV)

56-Ba-131

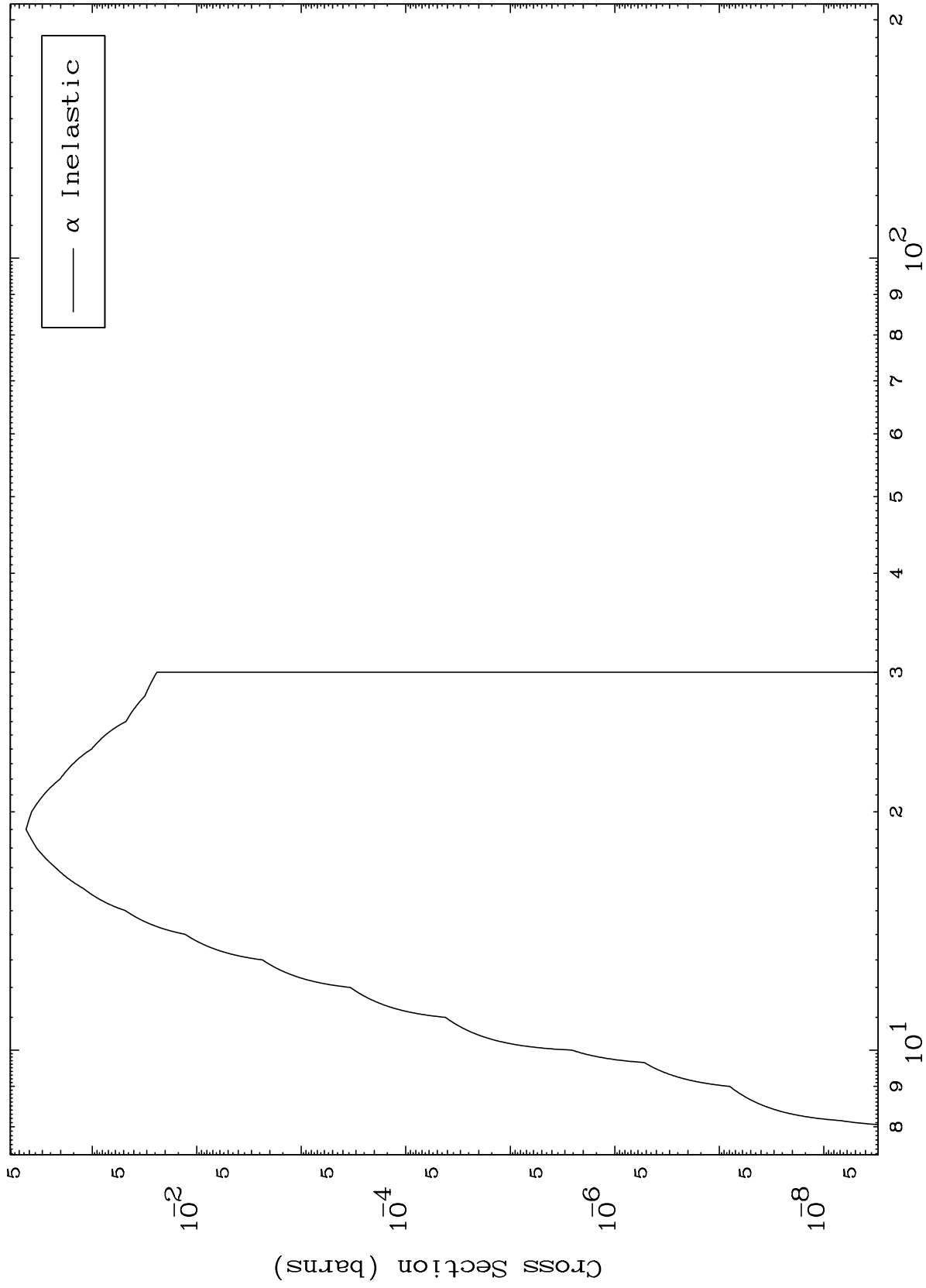




MAT 5628

(α, n') Level
0 Kelvin Cross Sections

56-Ba-131



— α Inelastic

5

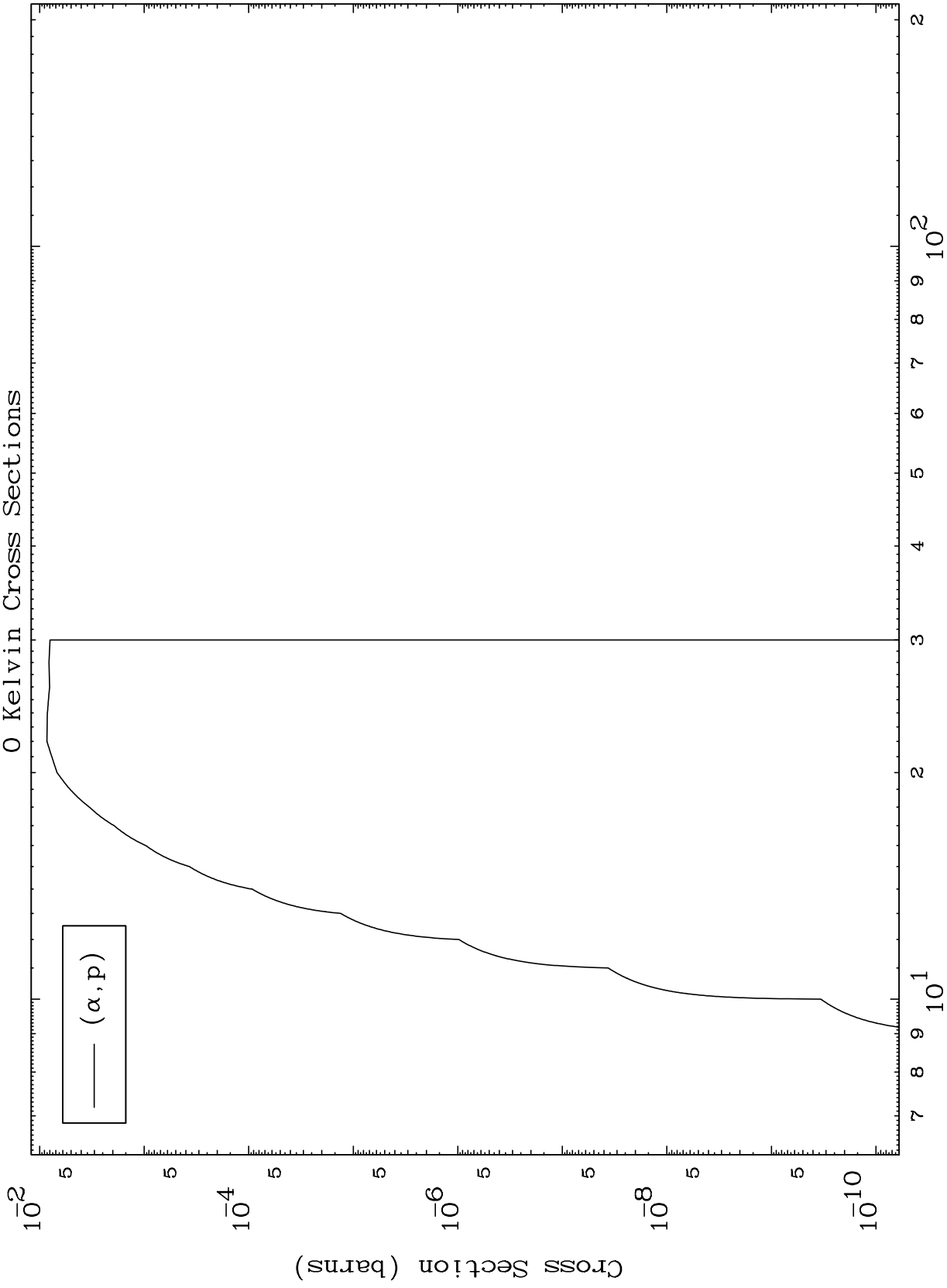
Incident Energy (MeV)

56-Ba-131

MAT 5628

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-131



6

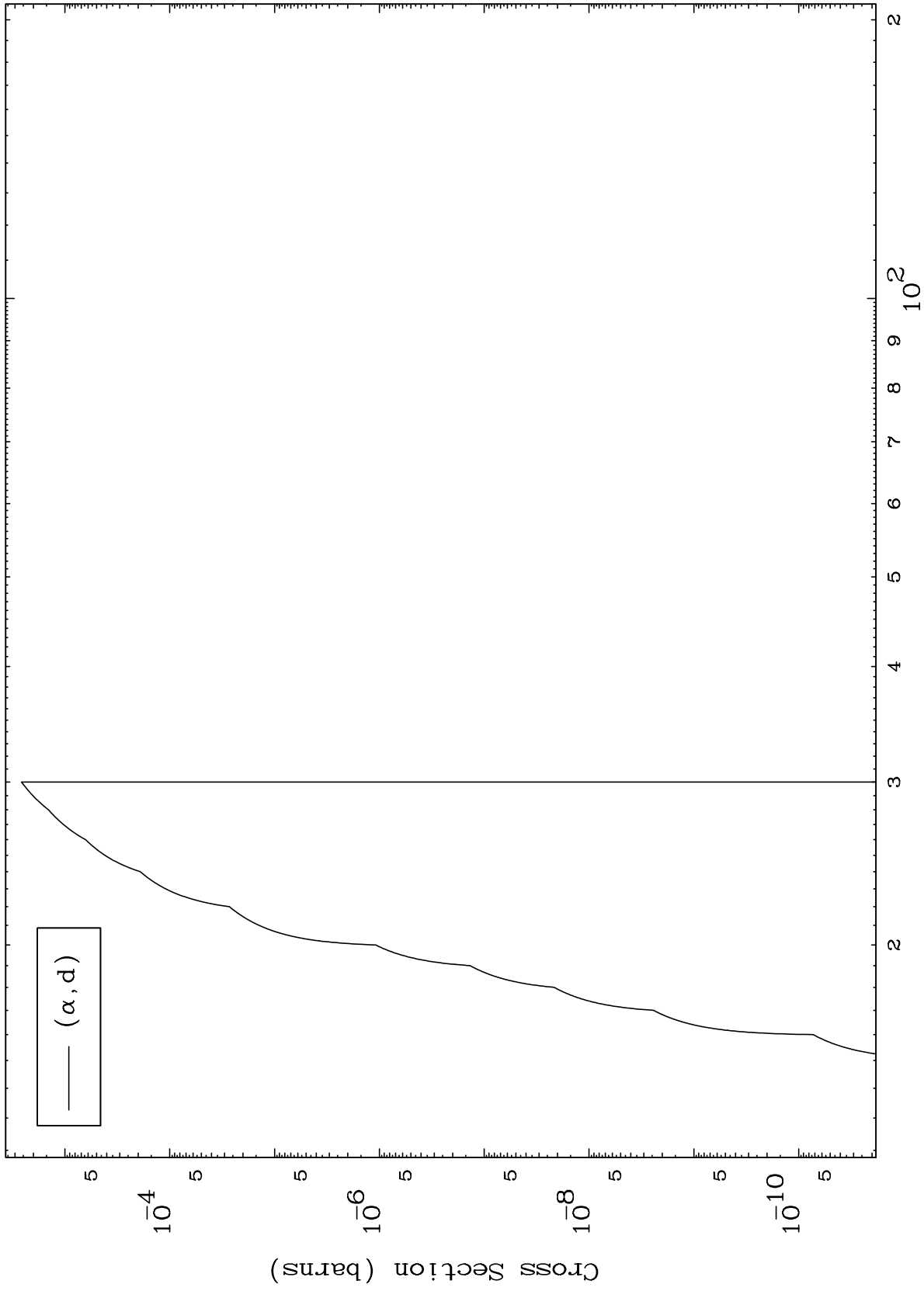
Incident Energy (MeV)

56-Ba-131

MAT 5628

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-131



7

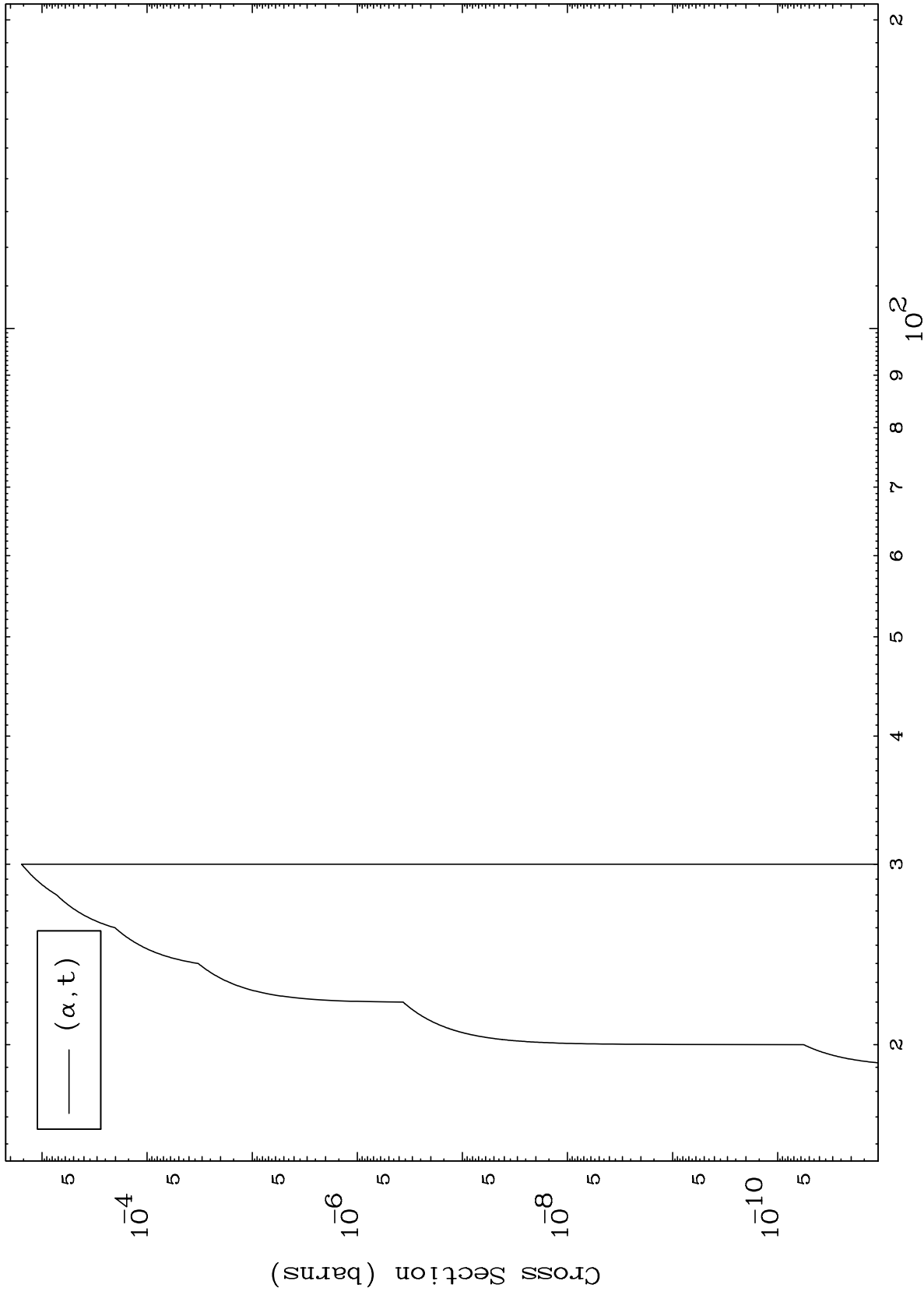
Incident Energy (MeV)

56-Ba-131

MAT 5628

(α, t) Levels
0 Kelvin Cross Sections

56-Ba-131



8

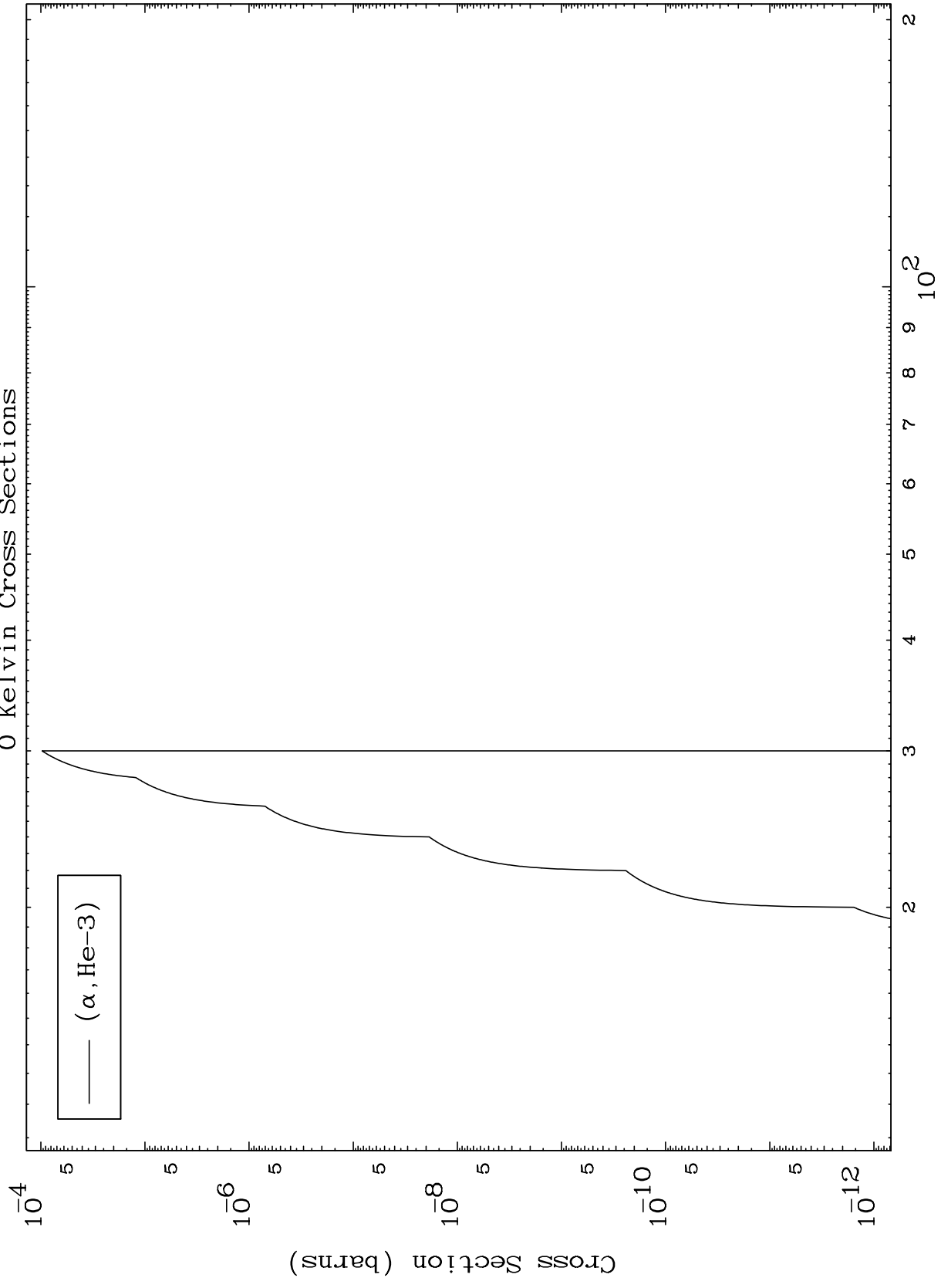
Incident Energy (MeV)

56-Ba-131

MAT 5628

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

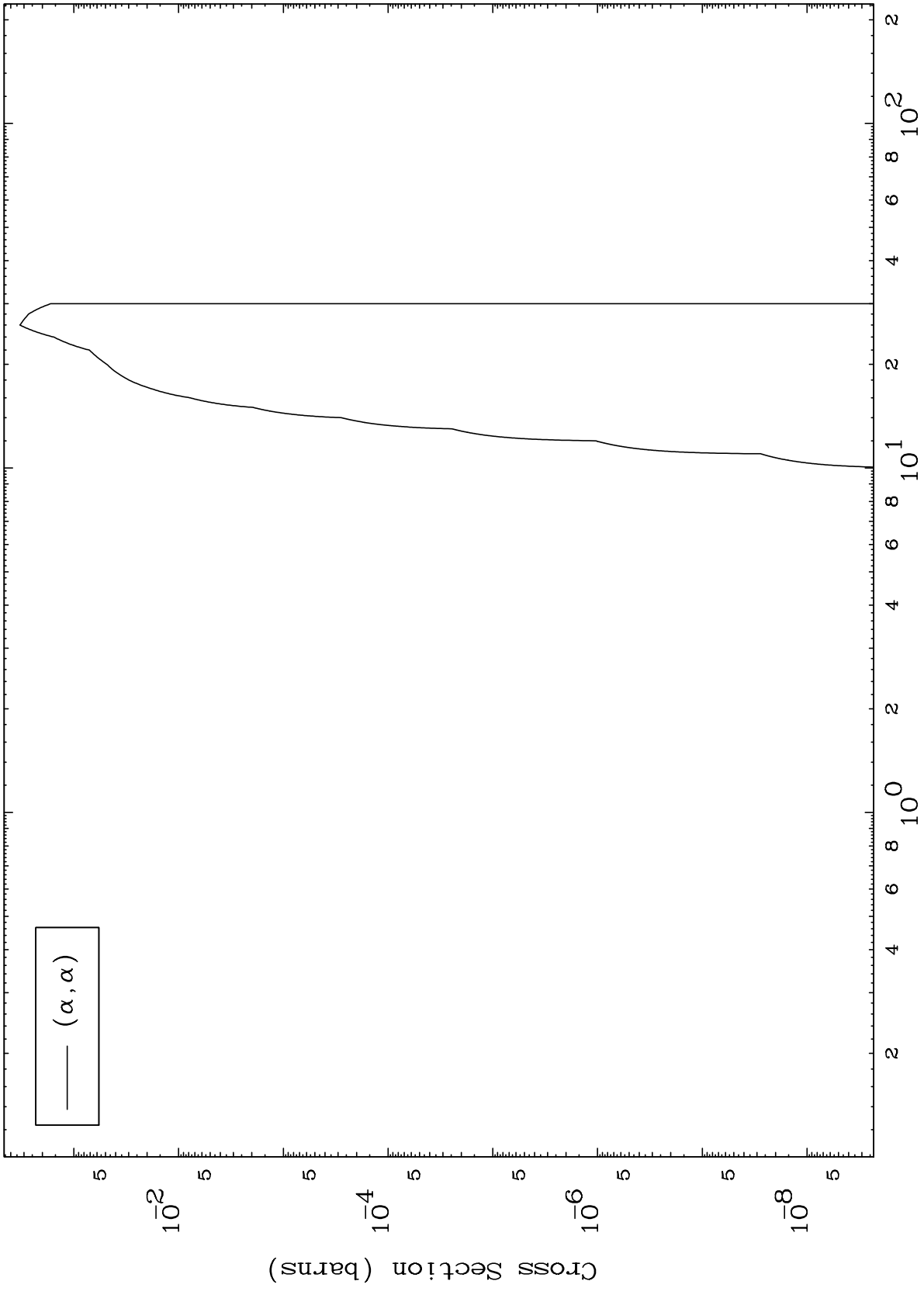
56-Ba-131



MAT 5628

(α, α) Levels
0 Kelvin Cross Sections

56-Ba-131



10

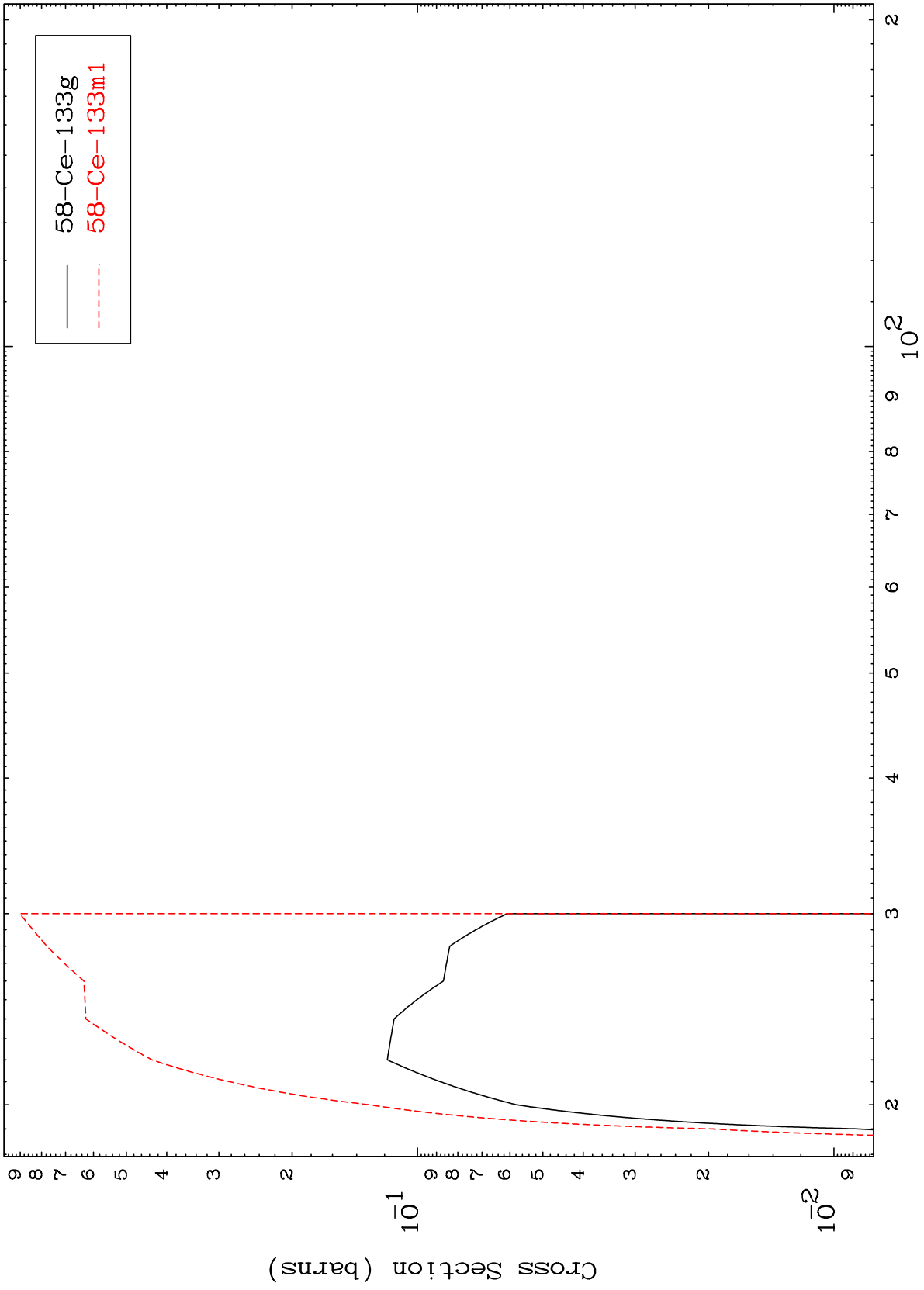
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

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



11

Incident Energy (MeV)

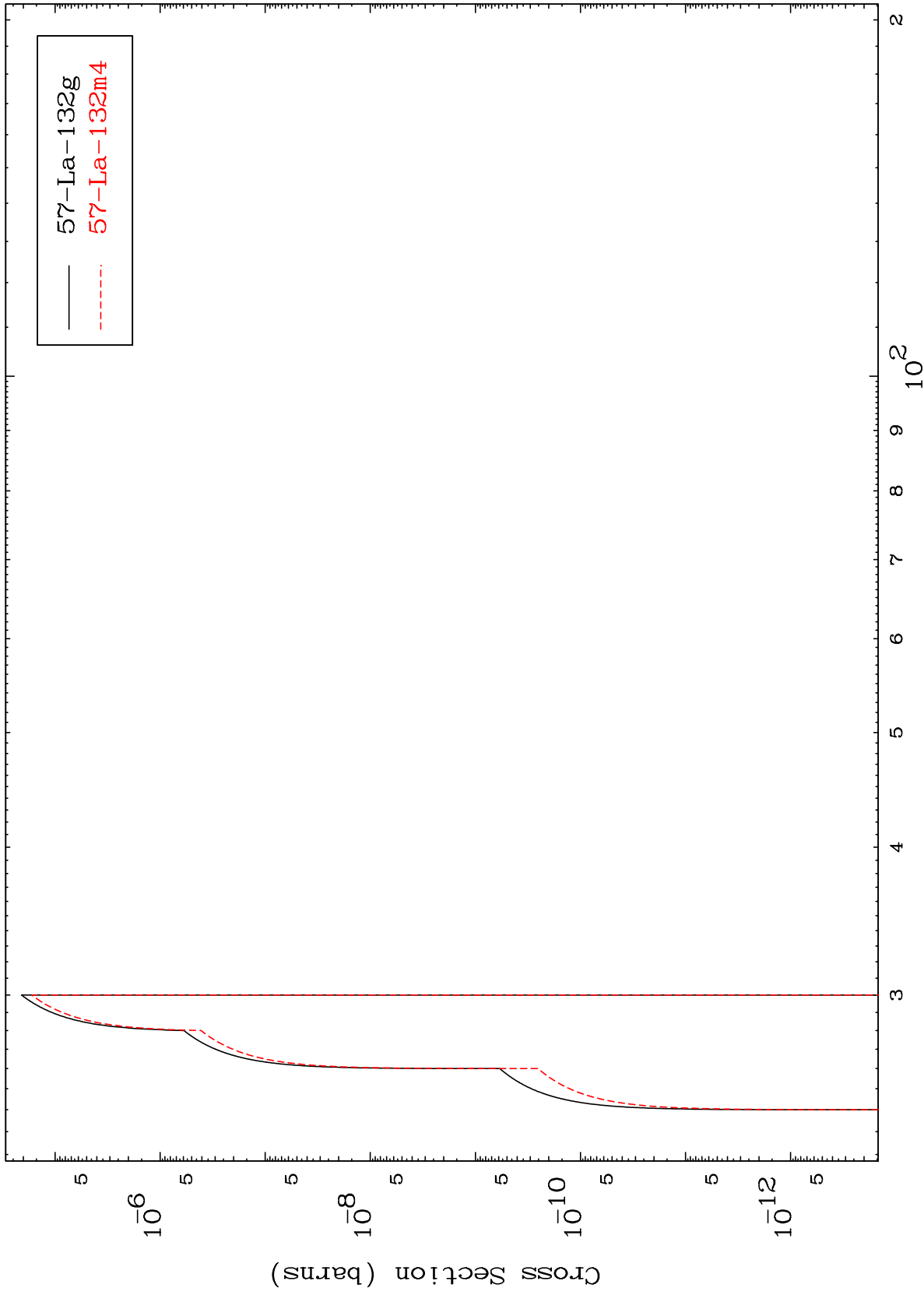
56-Ba-131

MAT 5628

(α, n') d

56-Ba-131

Radionuclide Production Cross Section



13

Incident Energy (MeV)

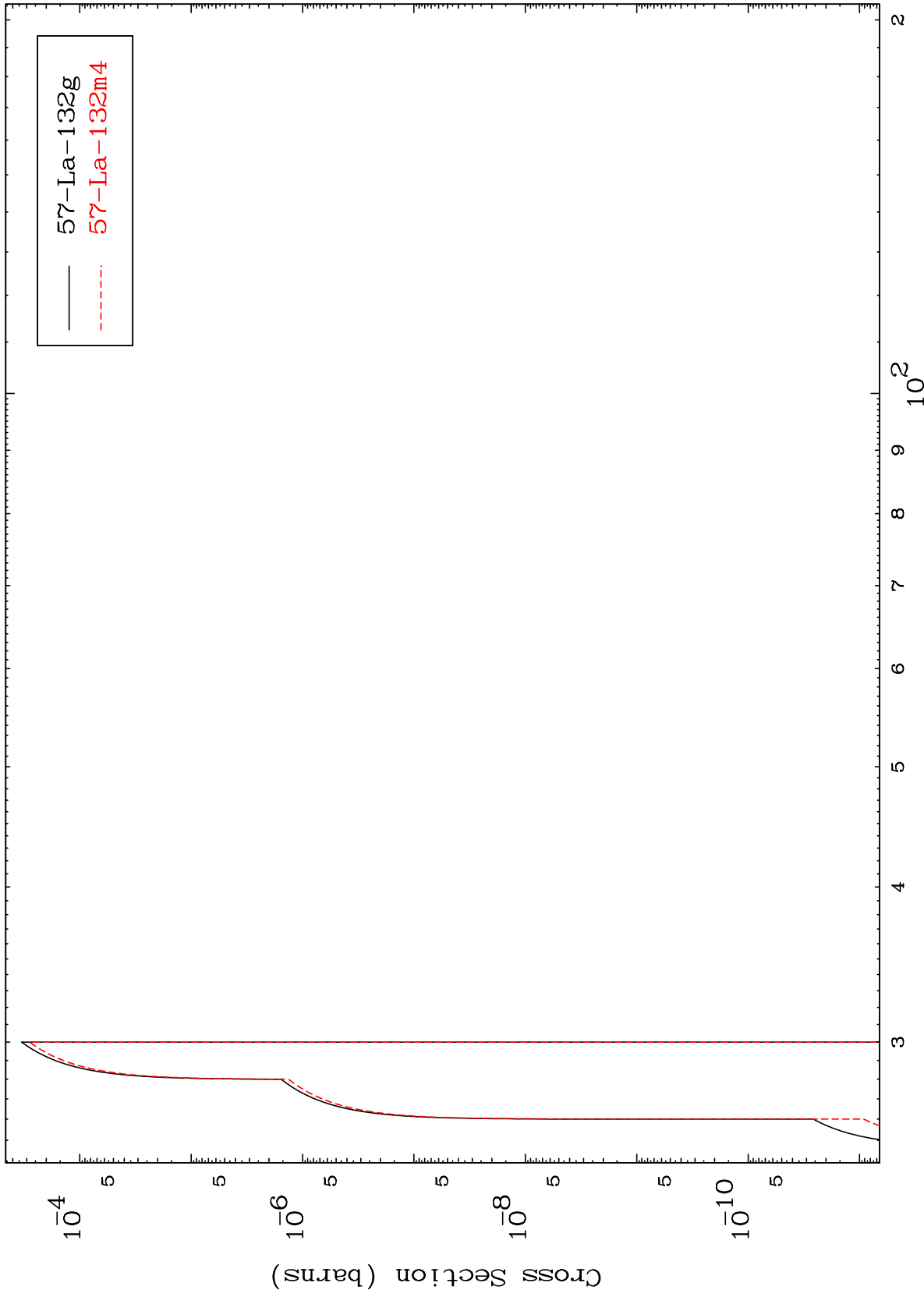
56-Ba-131

MAT 5628

$(\alpha, 2n)$ p

56-Ba-131

Radionuclide Production Cross Section



14

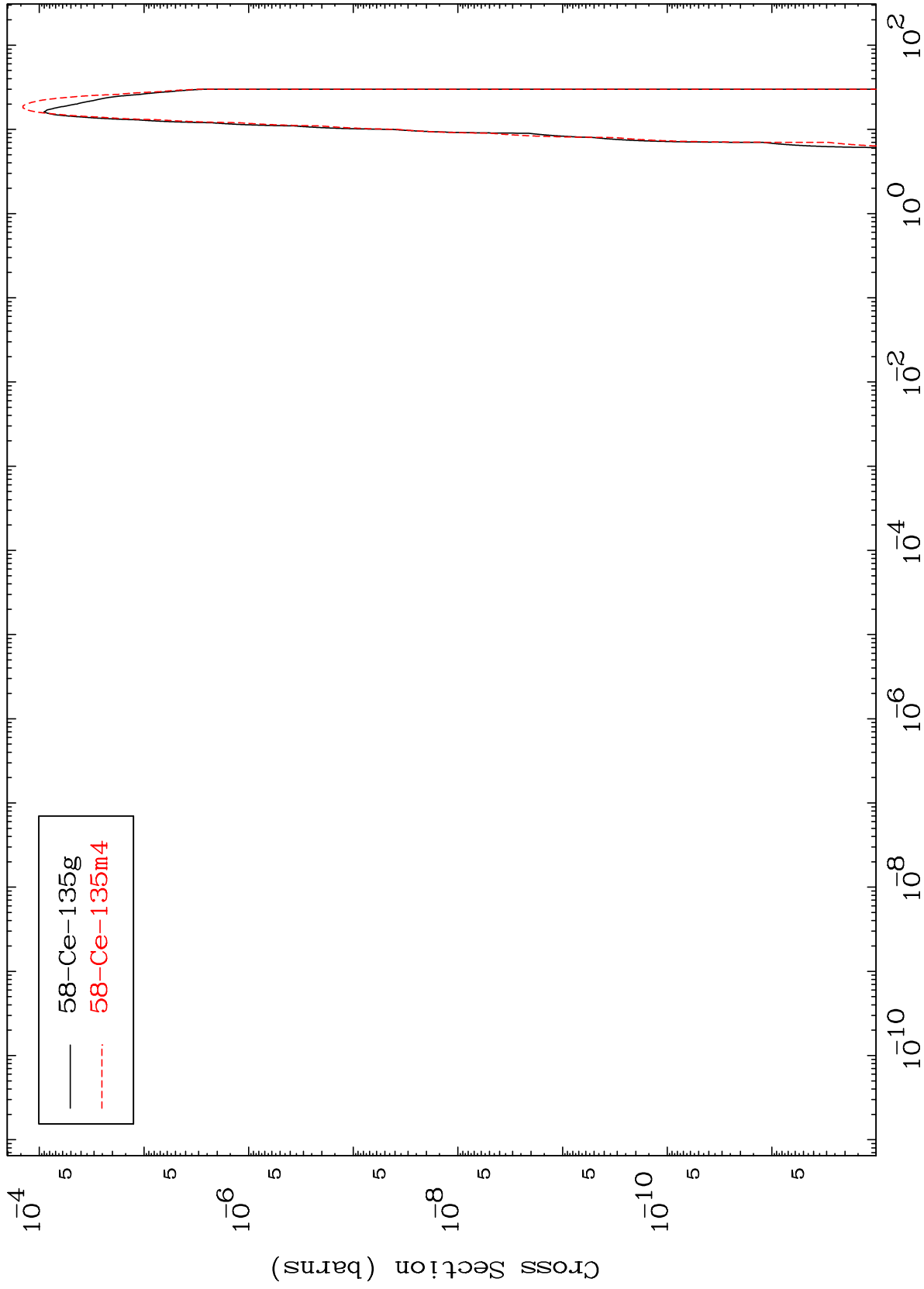
Incident Energy (MeV)

56-Ba-131

MAT 5628

Radionuclide Production Cross Section
(α, γ)

56-Ba-131



15

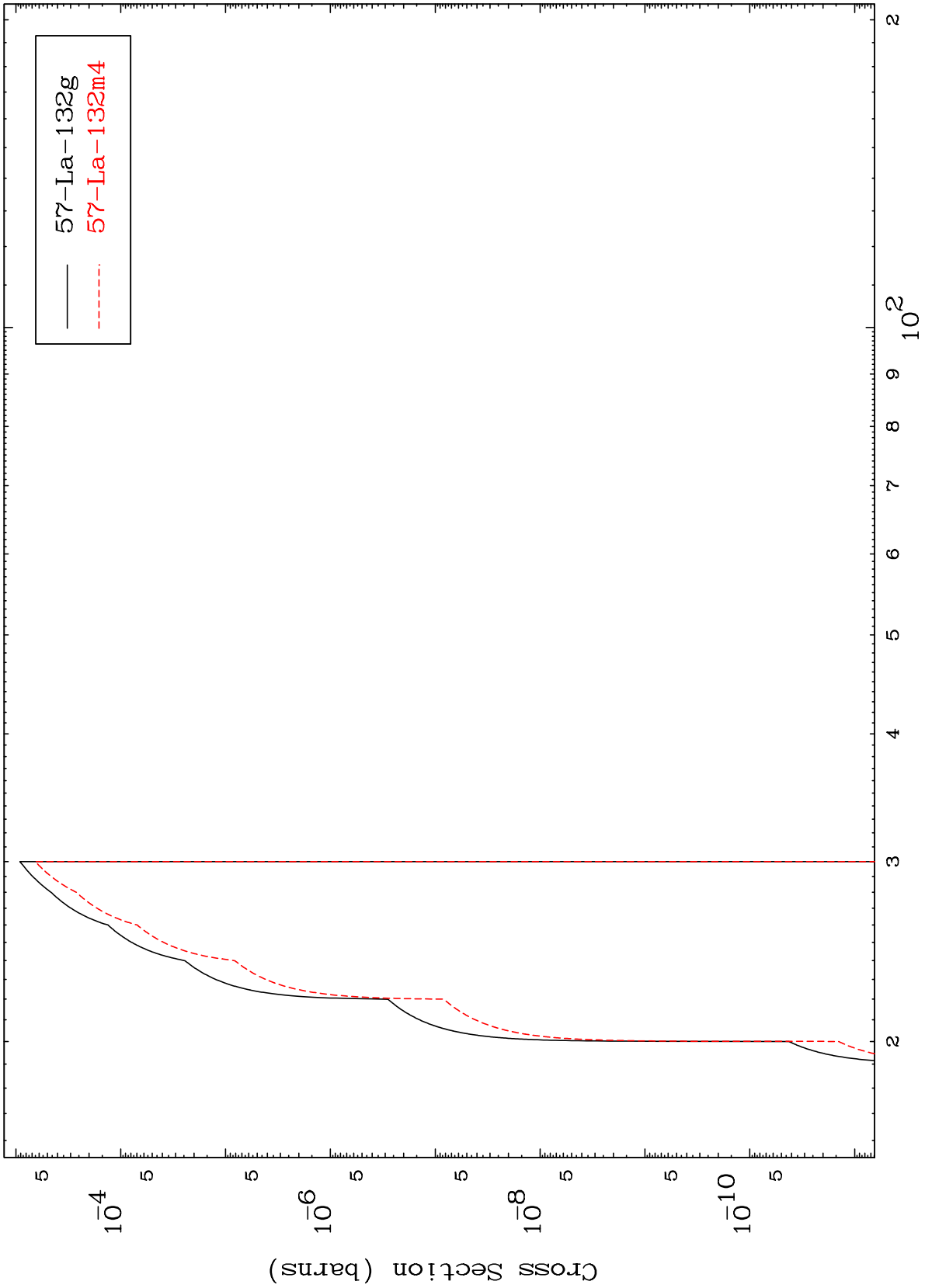
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

(α, t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

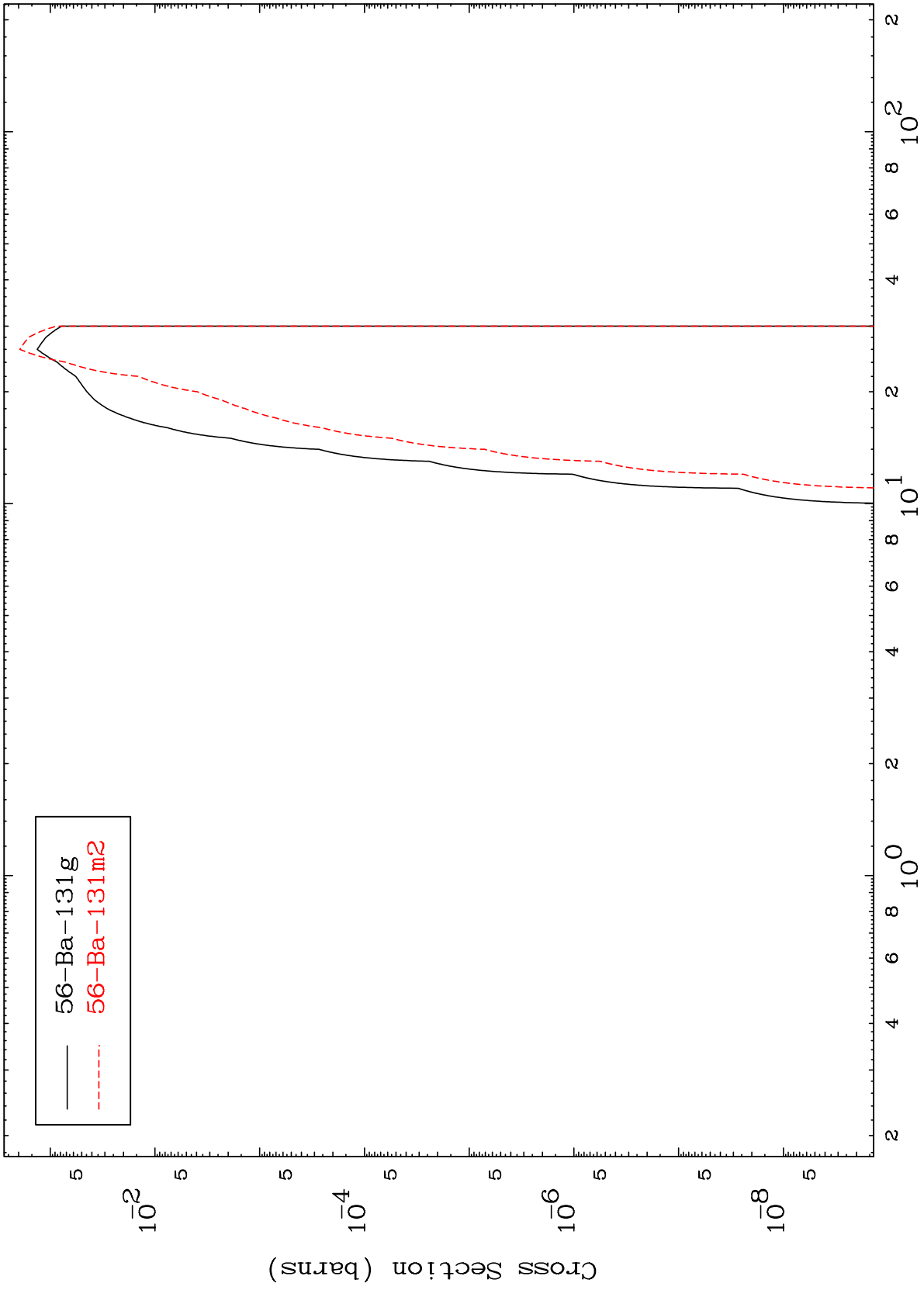
56-Ba-131

MAT 5628

(α, α)

56-Ba-131

Radionuclide Production Cross Section



17

Incident Energy (MeV)

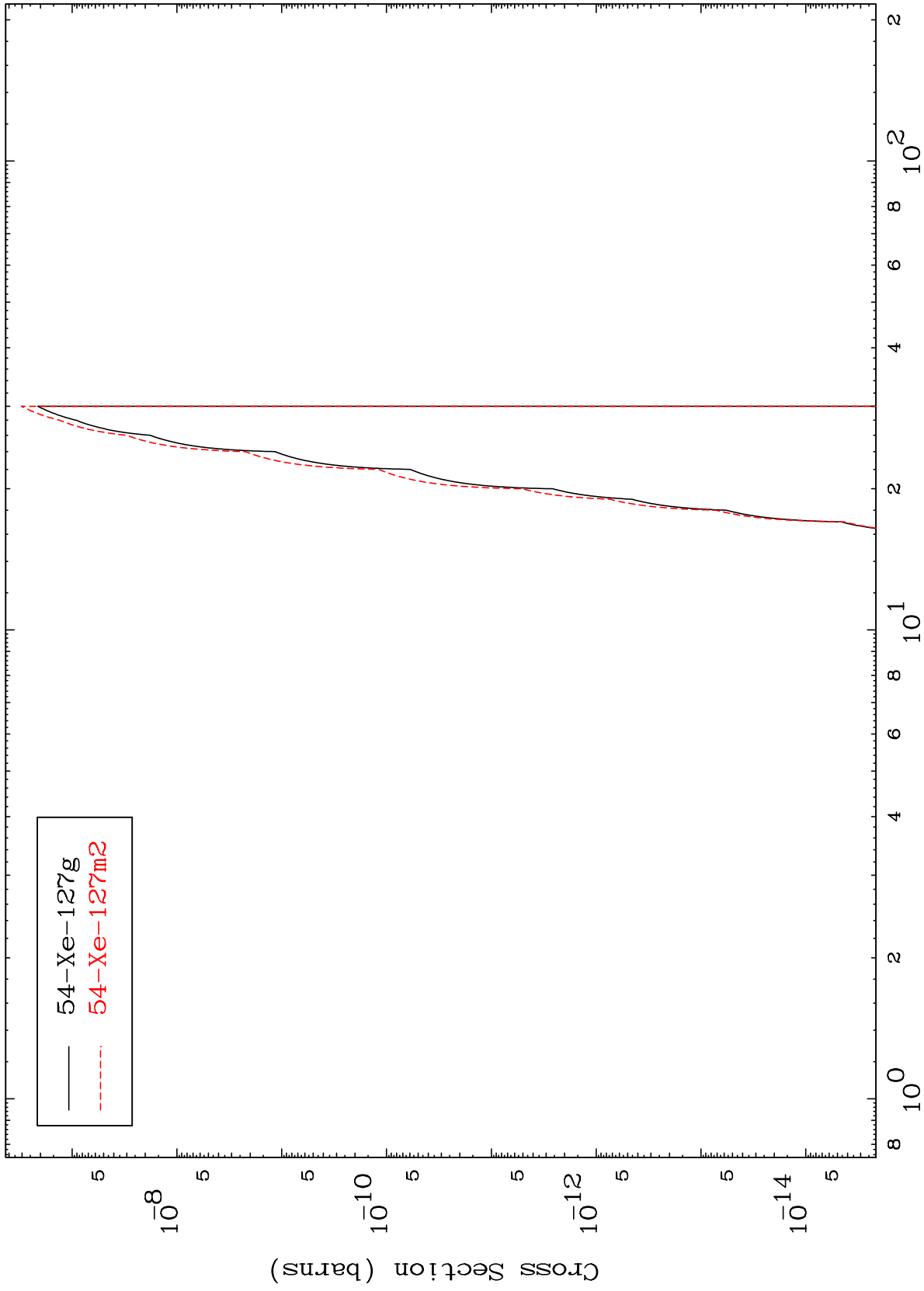
56-Ba-131

MAT 5628

($\alpha, 2\alpha$)

56-Ba-131

Radionuclide Production Cross Section



18

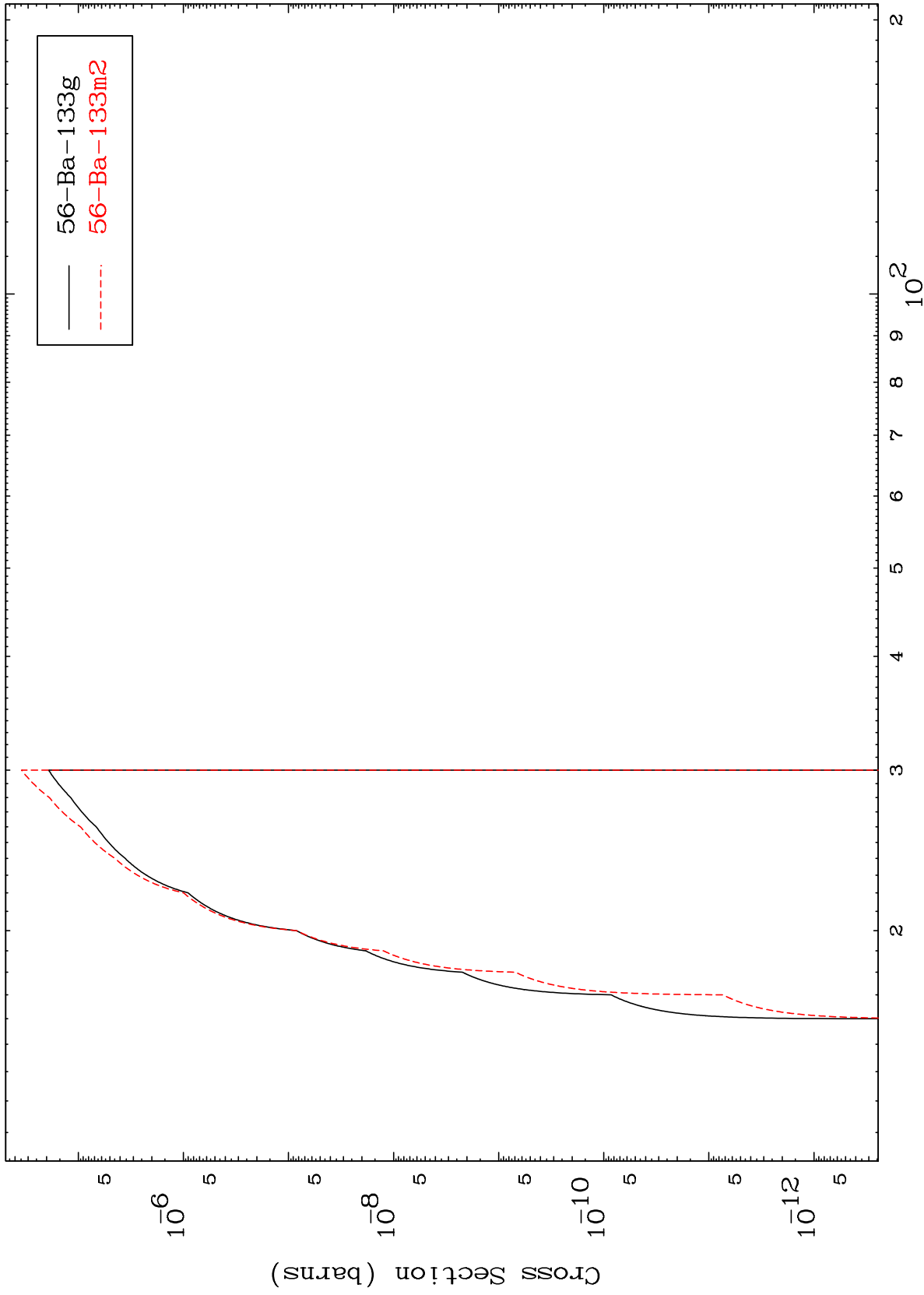
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

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



19

Incident Energy (MeV)

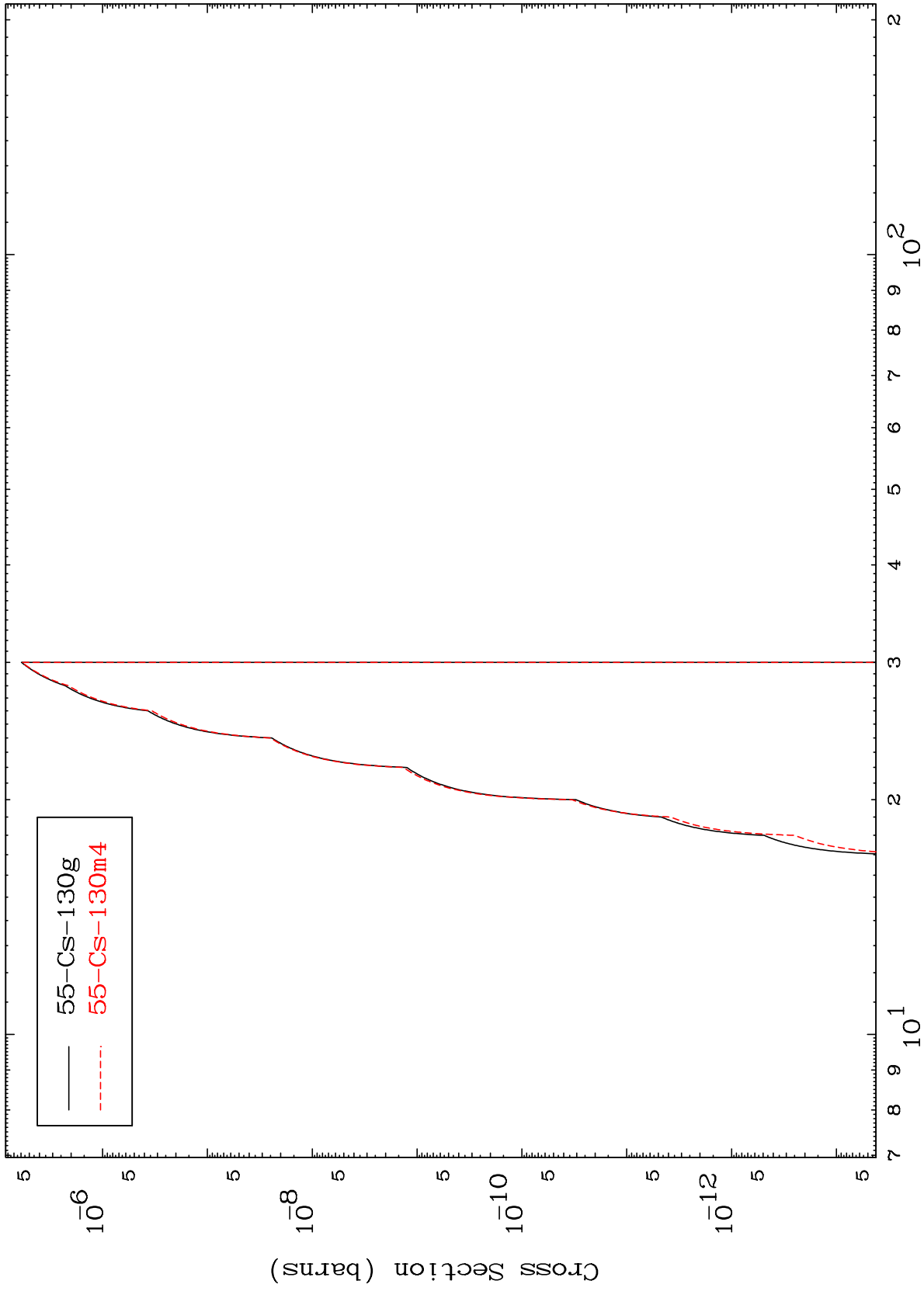
56-Ba-131

MAT 5628

(α, p) α

56-Ba-131

Radionuclide Production Cross Section



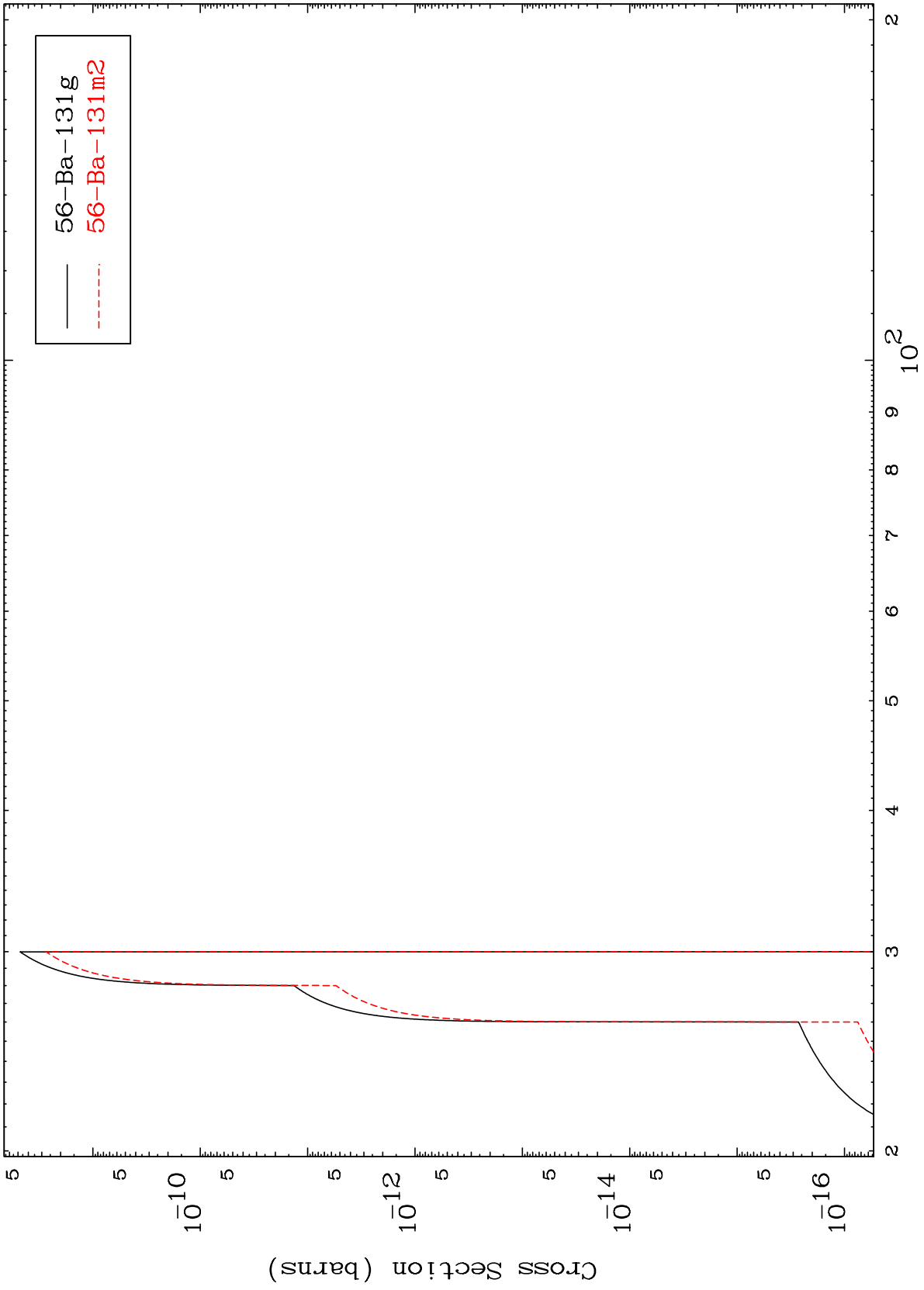
20

MAT 5628

(α, p) t

56-Ba-131

Radionuclide Production Cross Section



21

Incident Energy (MeV)

56-Ba-131