

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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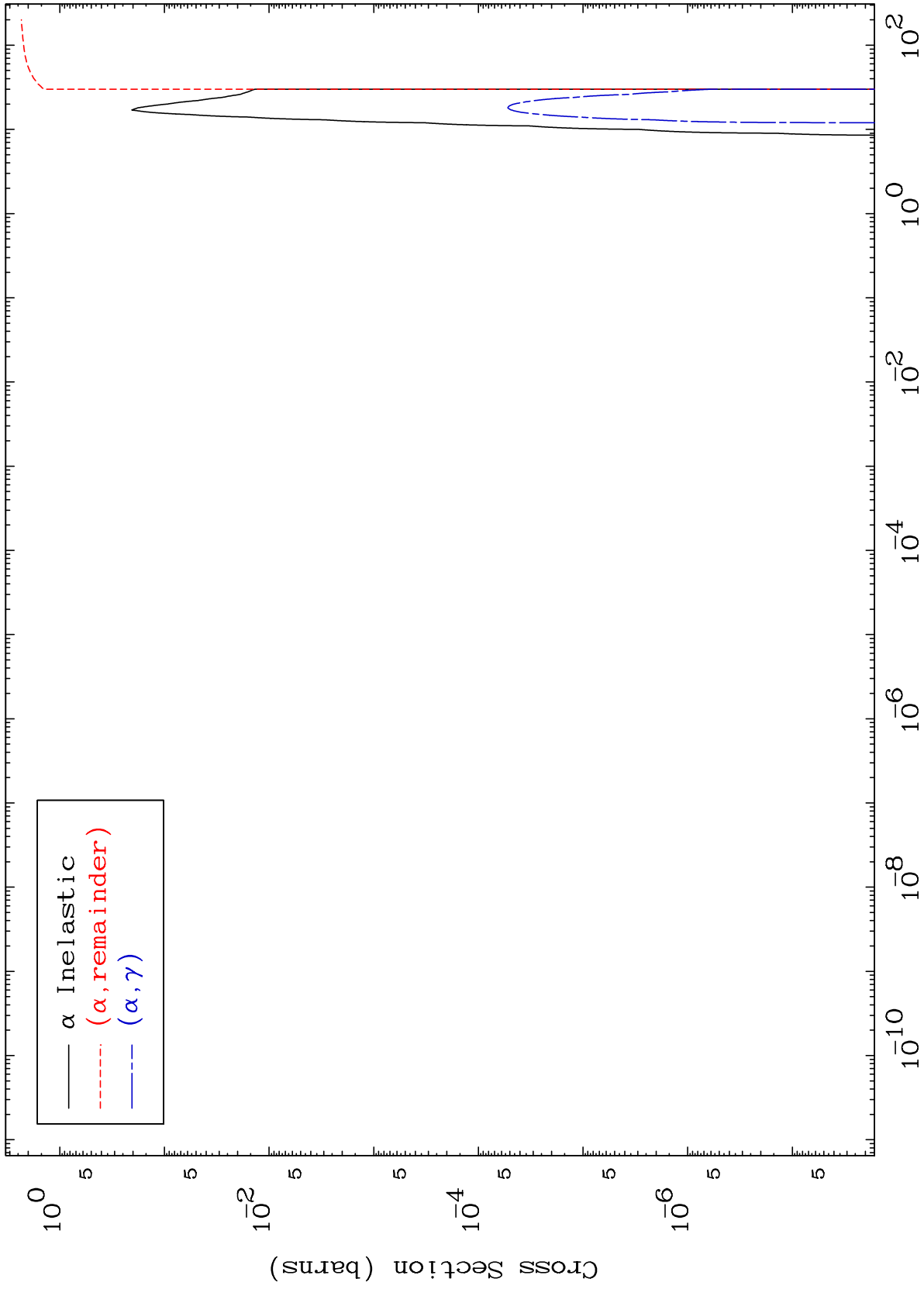
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5640

0 Kelvin α Major
Cross Sections

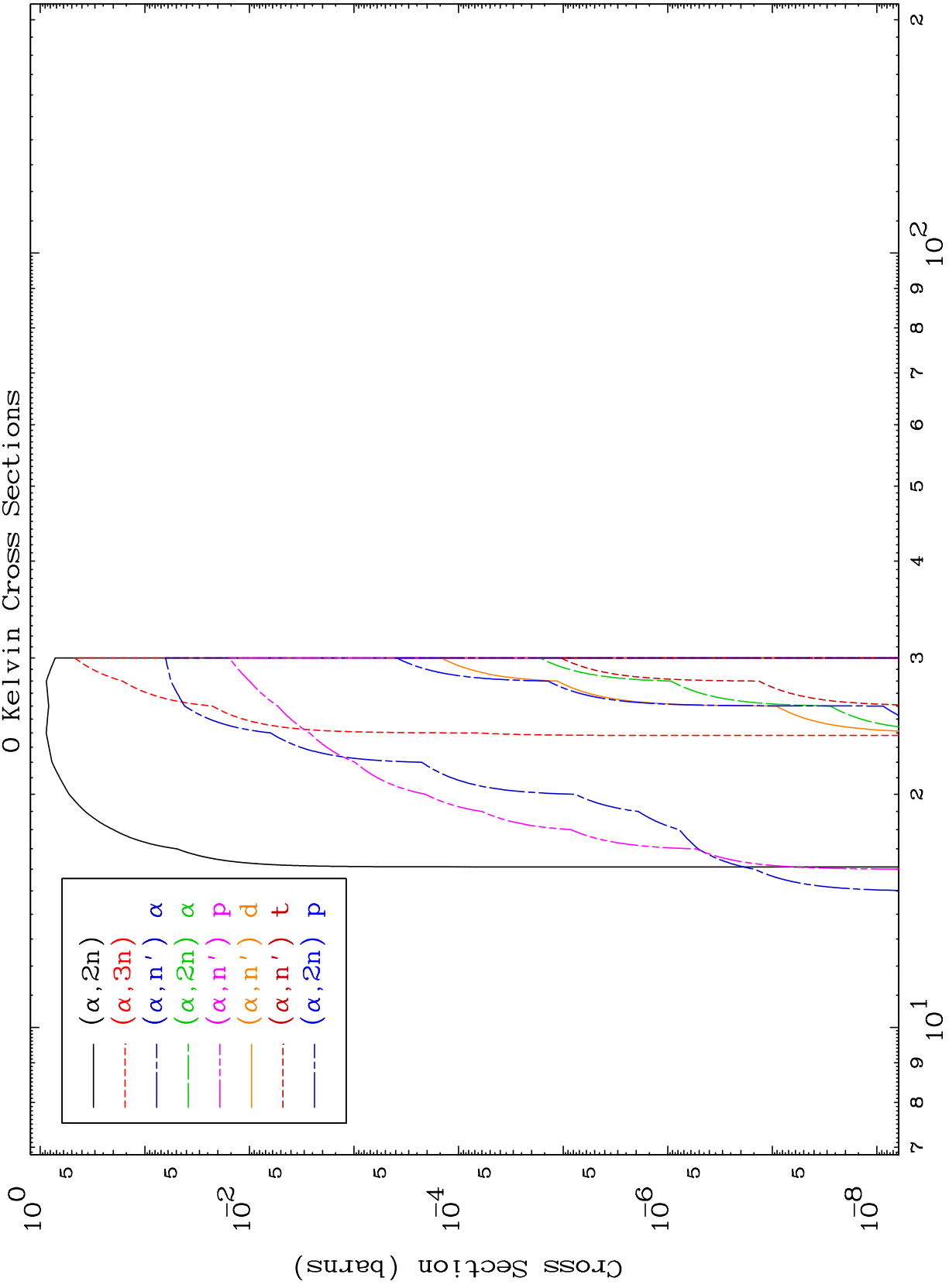
56-Ba-135



MAT 5640

α Neutron Production
0 Kelvin Cross Sections

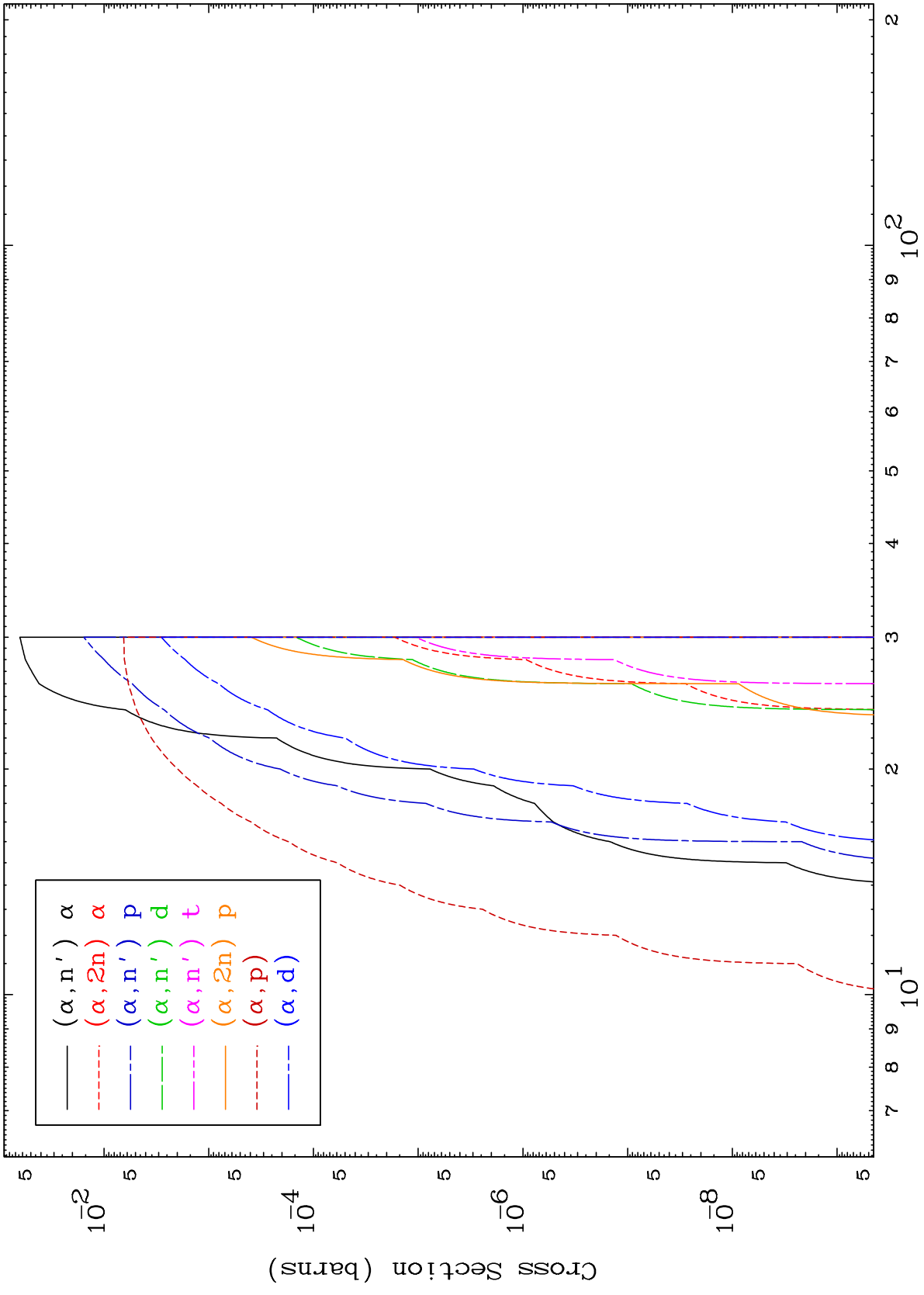
56-Ba-135



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Incident Energy (MeV)

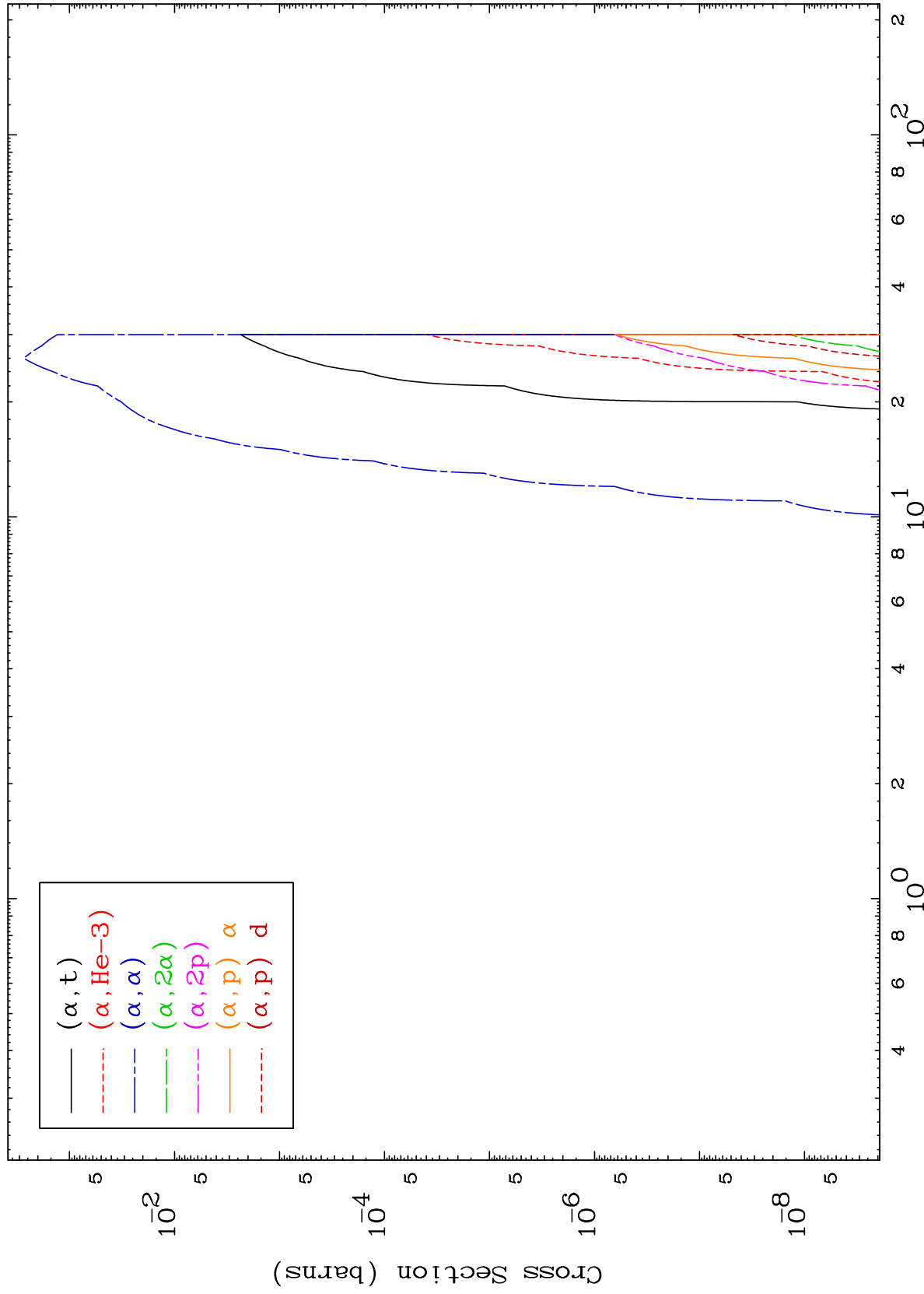
56-Ba-135



MAT 5640

α Charged Particle
0 Kelvin Cross Sections

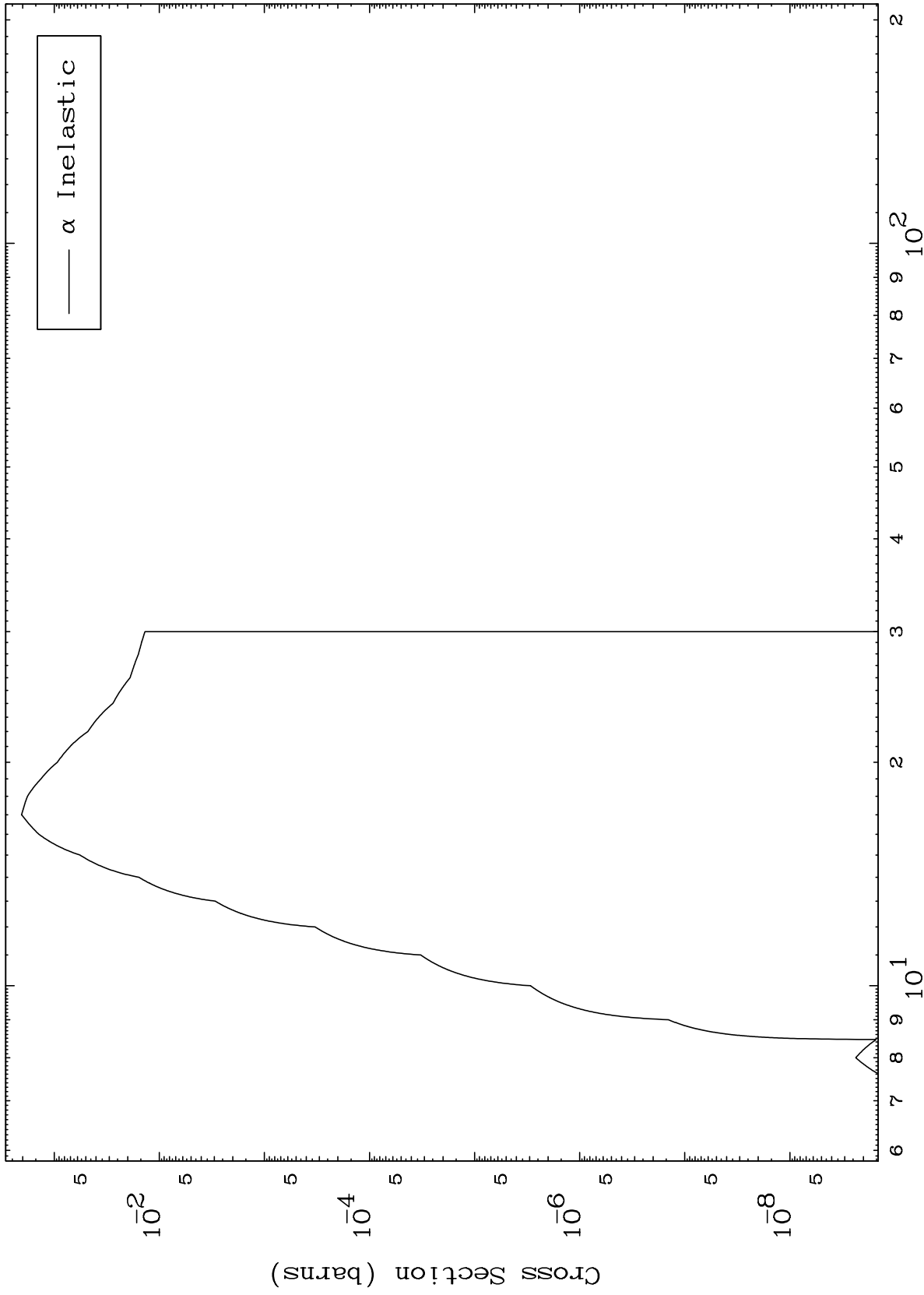
56-Ba-135



MAT 5640

(α, n') Level
0 Kelvin Cross Sections

56-Ba-135



5

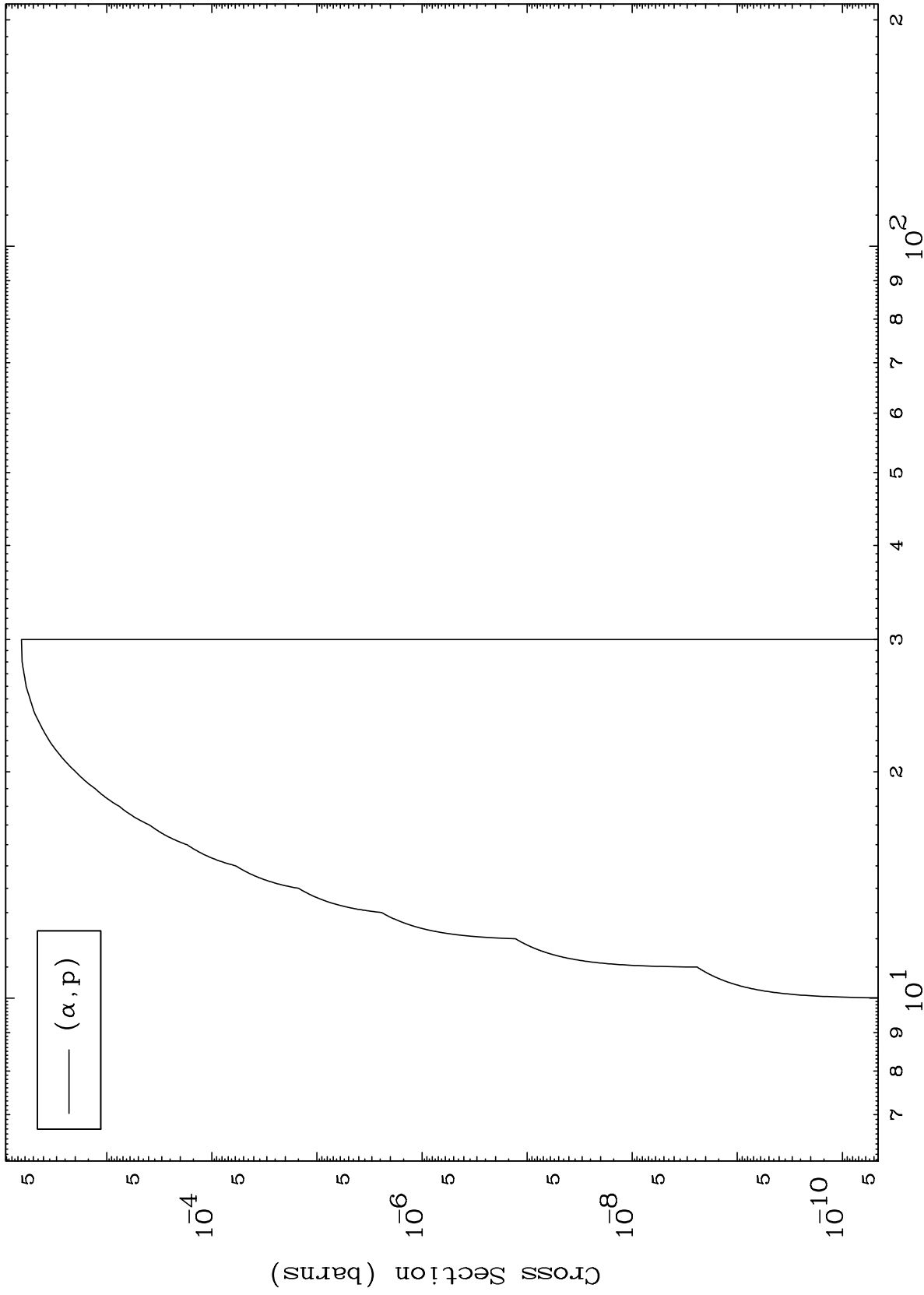
Incident Energy (MeV)

56-Ba-135

MAT 5640

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-135

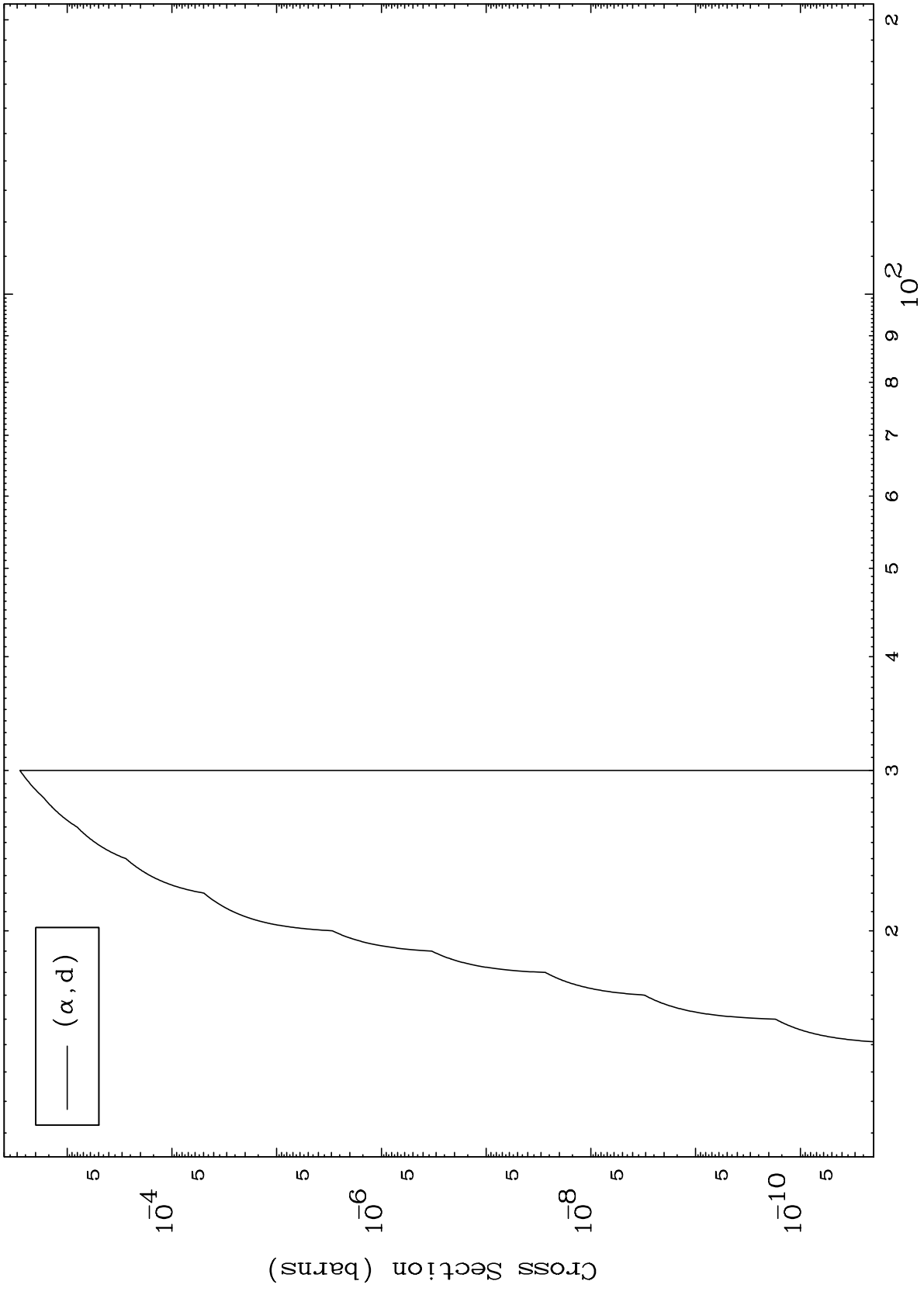


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MAT 5640

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-135



7

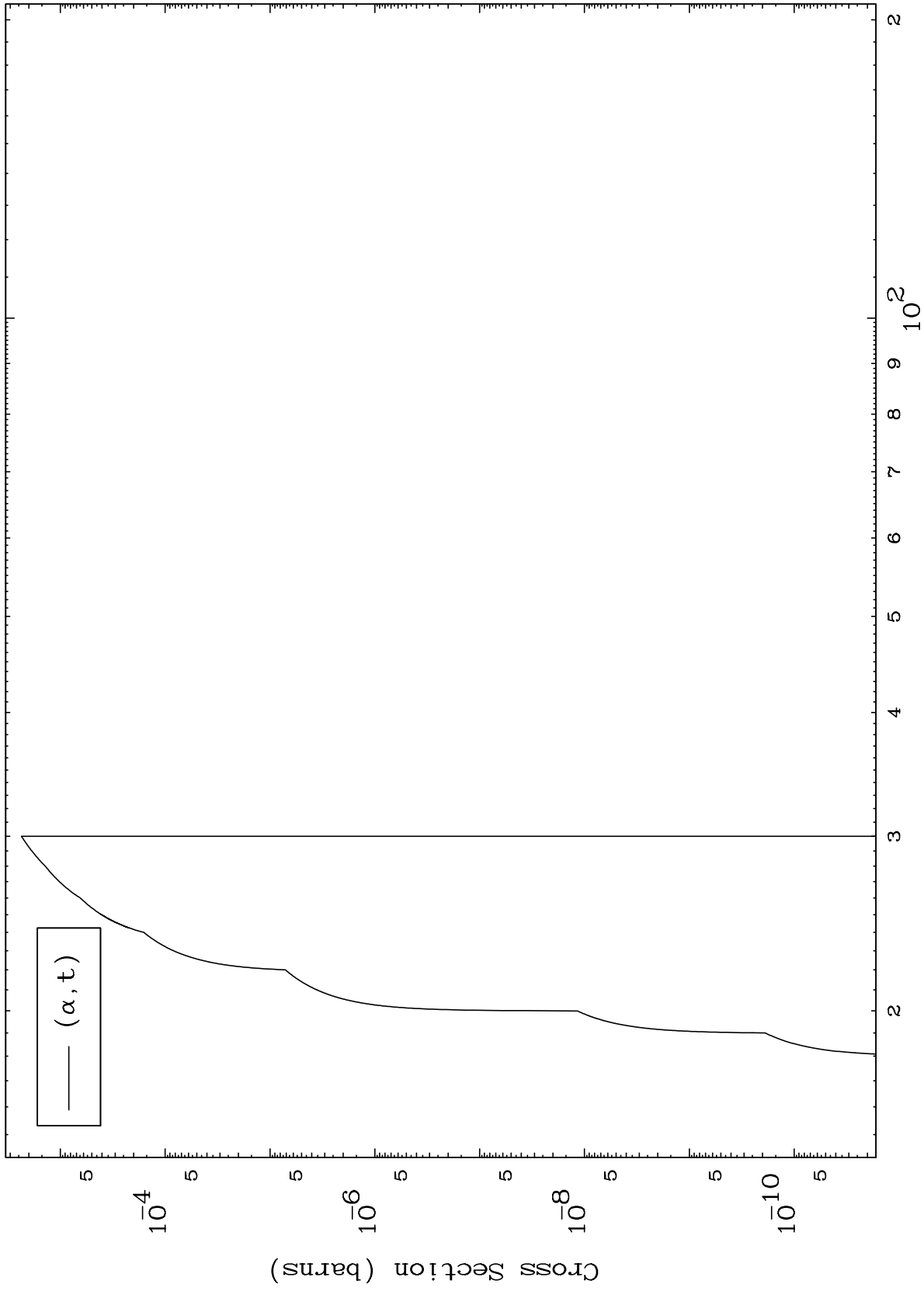
Incident Energy (MeV)

56-Ba-135

MAT 5640

(α, t) Levels
0 Kelvin Cross Sections

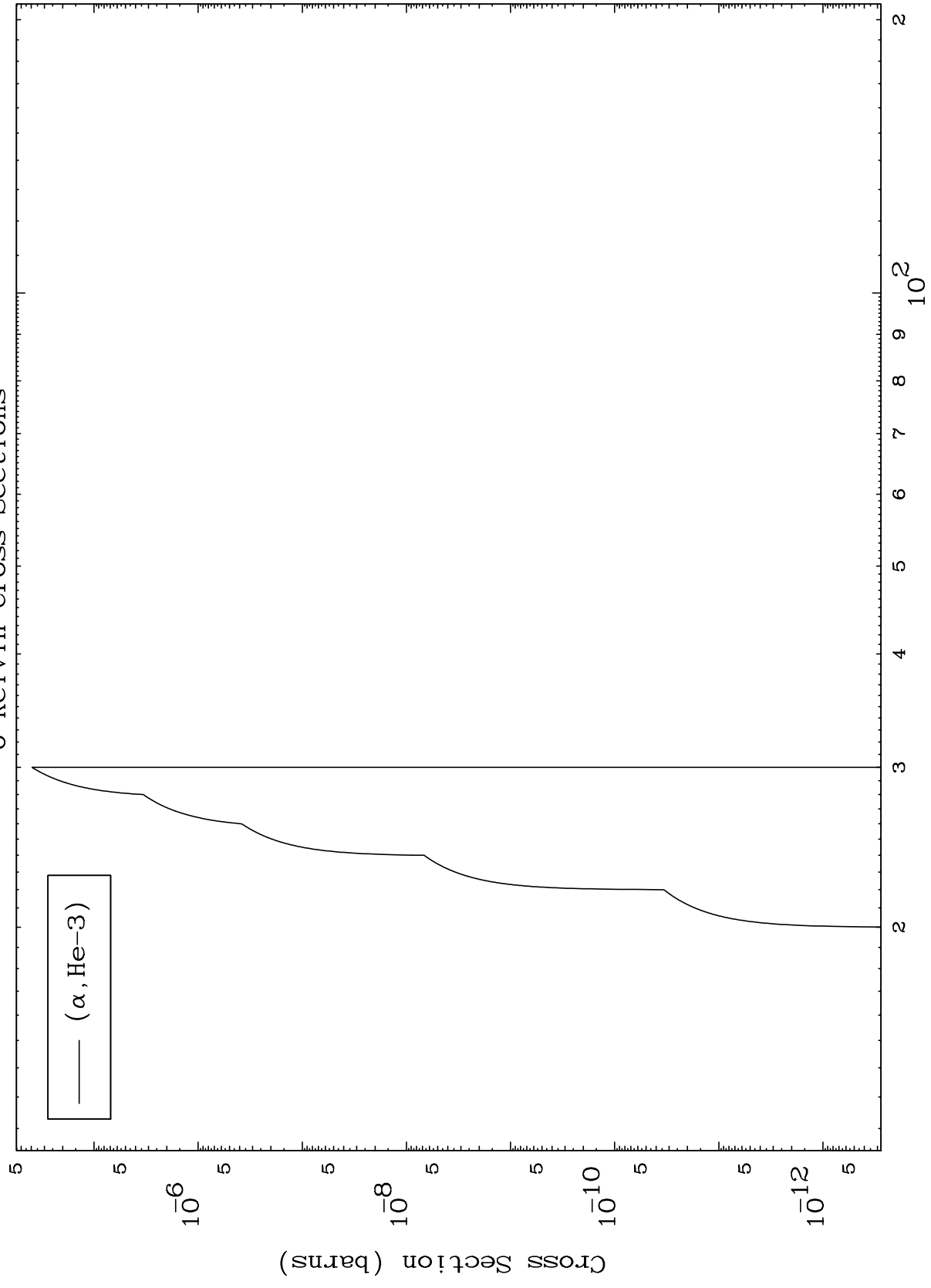
56-Ba-135



8

Incident Energy (MeV)

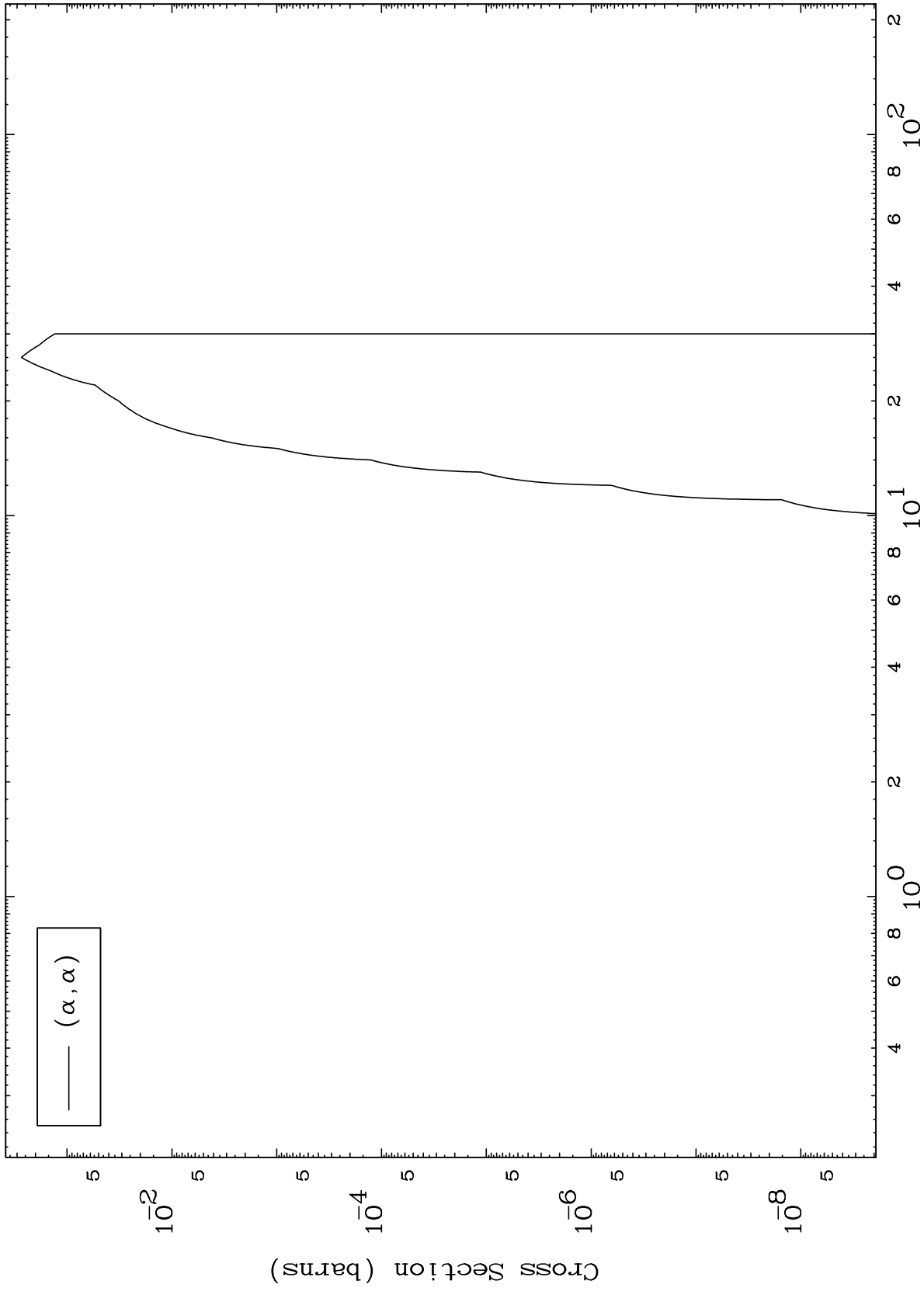
56-Ba-135



MAT 5640

(α, α) Levels
0 Kelvin Cross Sections

56-Ba-135



10

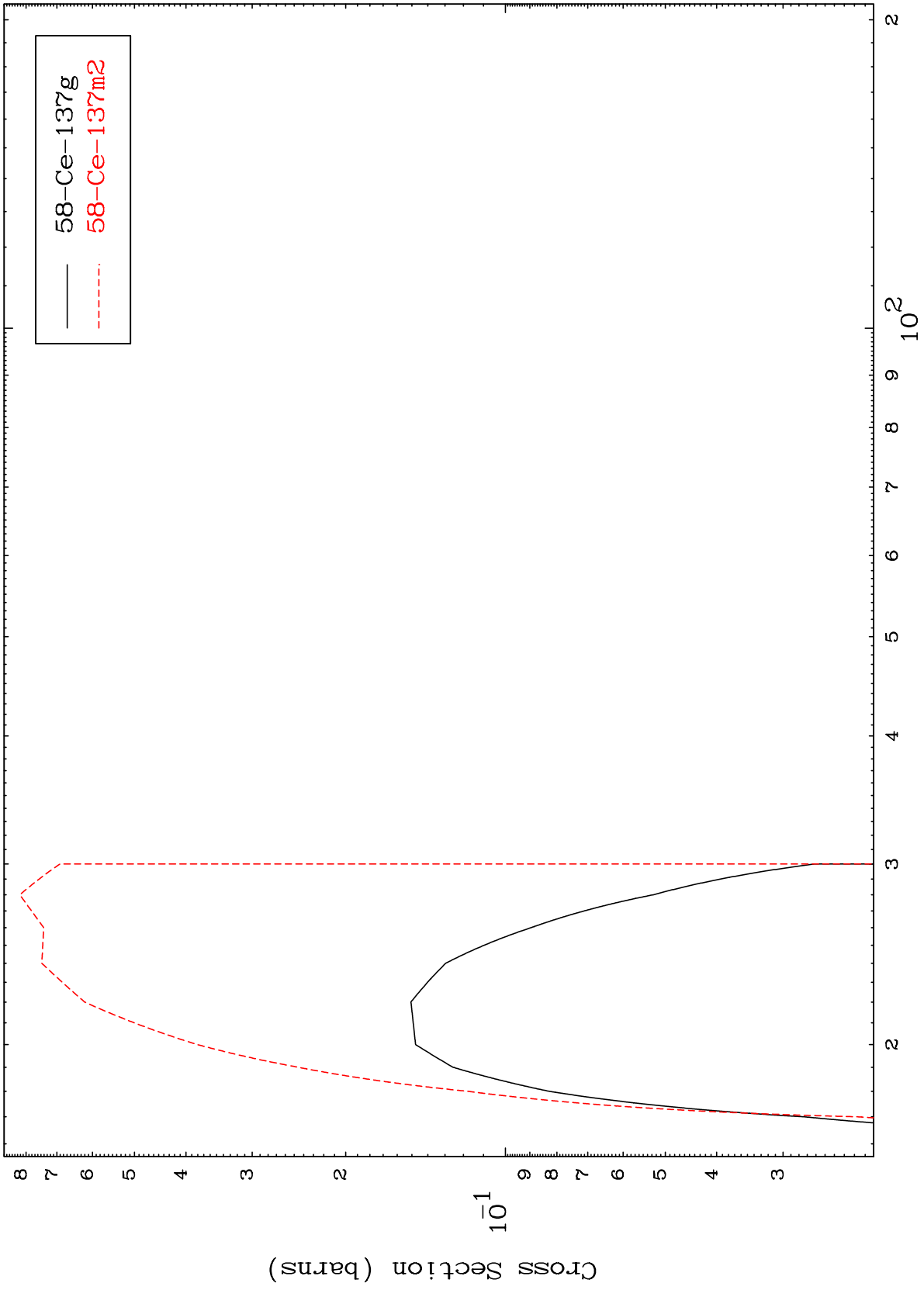
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

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



56-Ba-135

Incident Energy (MeV)

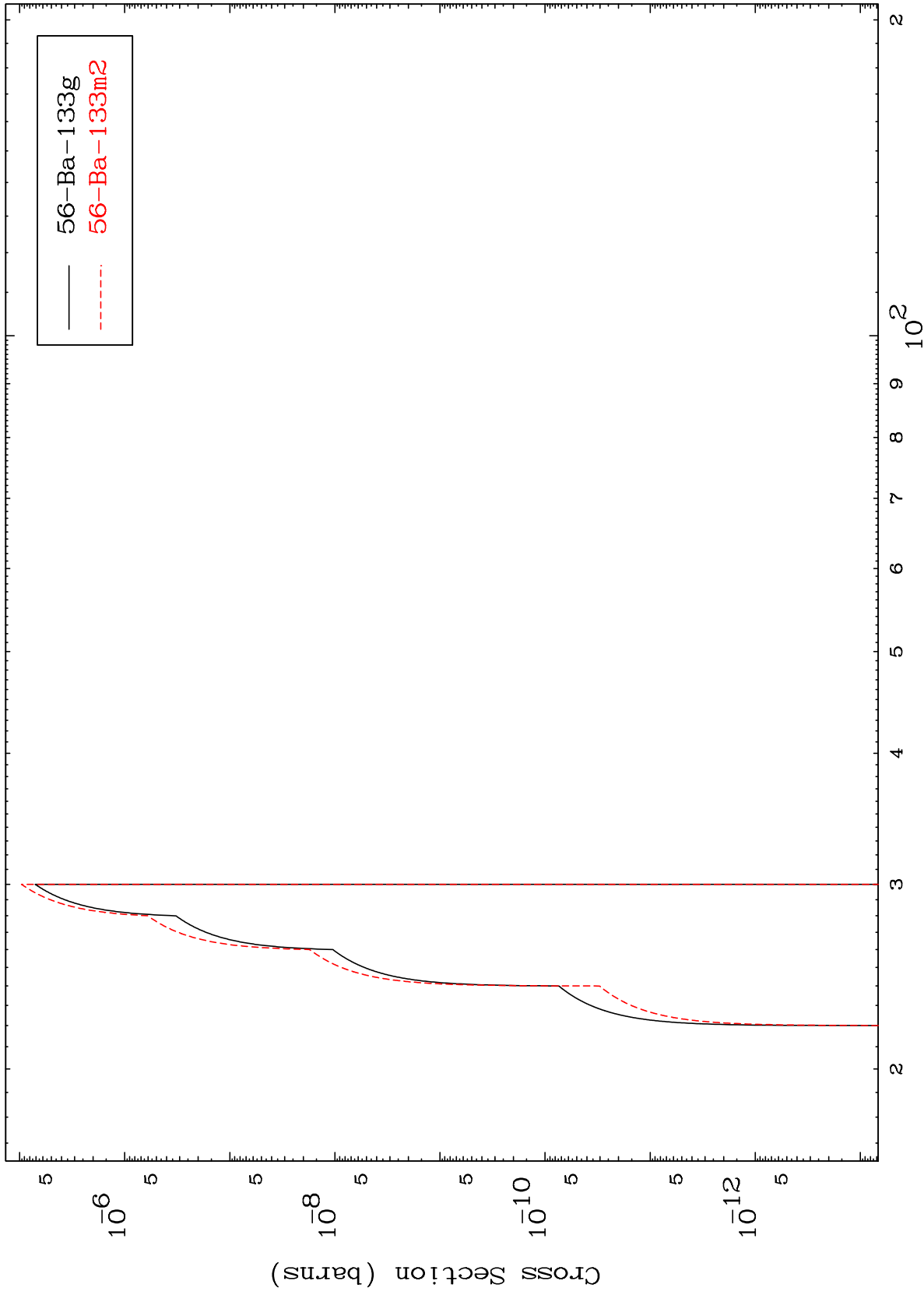
11

MAT 5640

$(\alpha, 2n) \alpha$

56-Ba-135

Radionuclide Production Cross Section



12

Incident Energy (MeV)

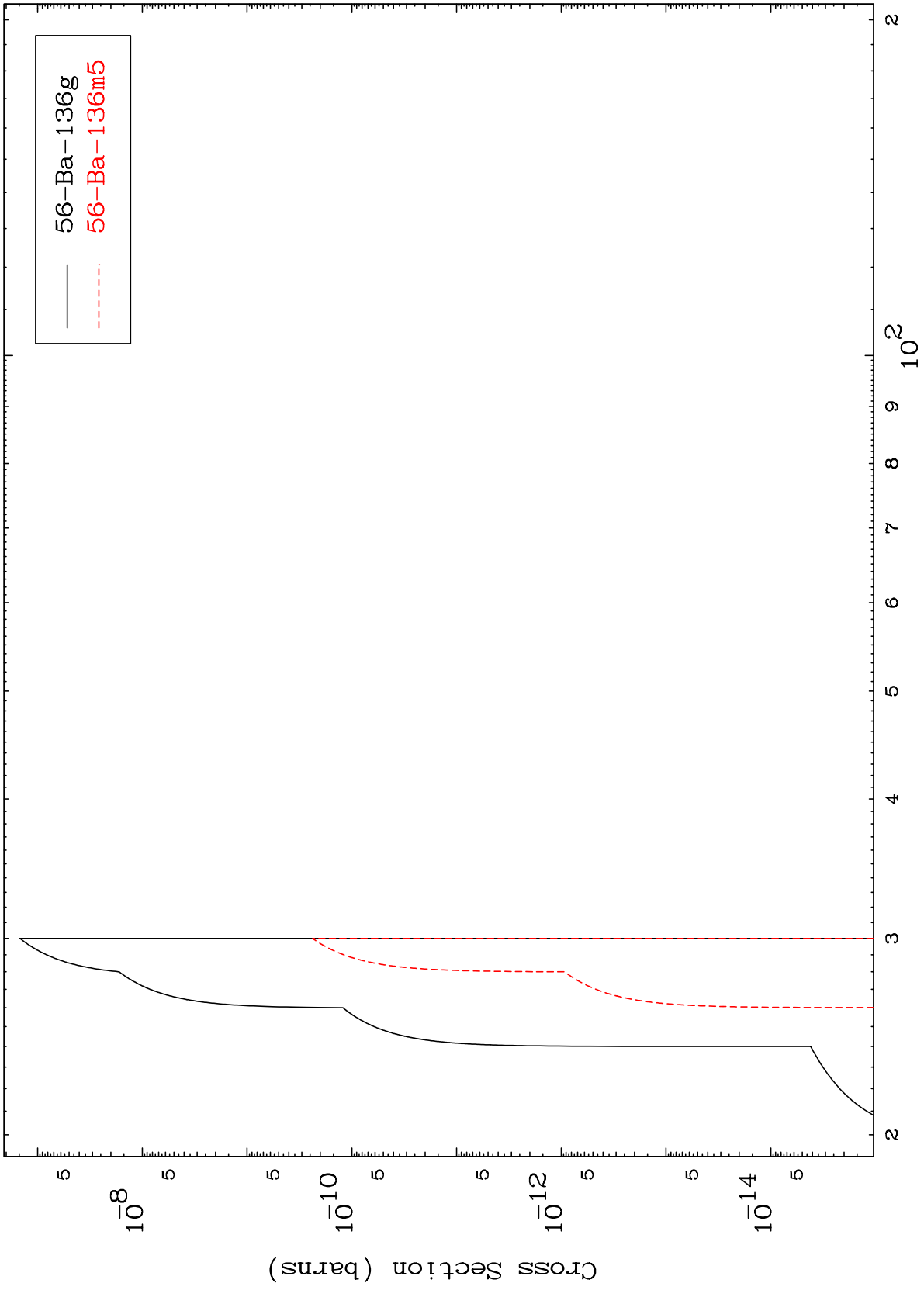
56-Ba-135

MAT 5640

($\alpha, 2n$) p

56-Ba-135

Radionuclide Production Cross Section



13

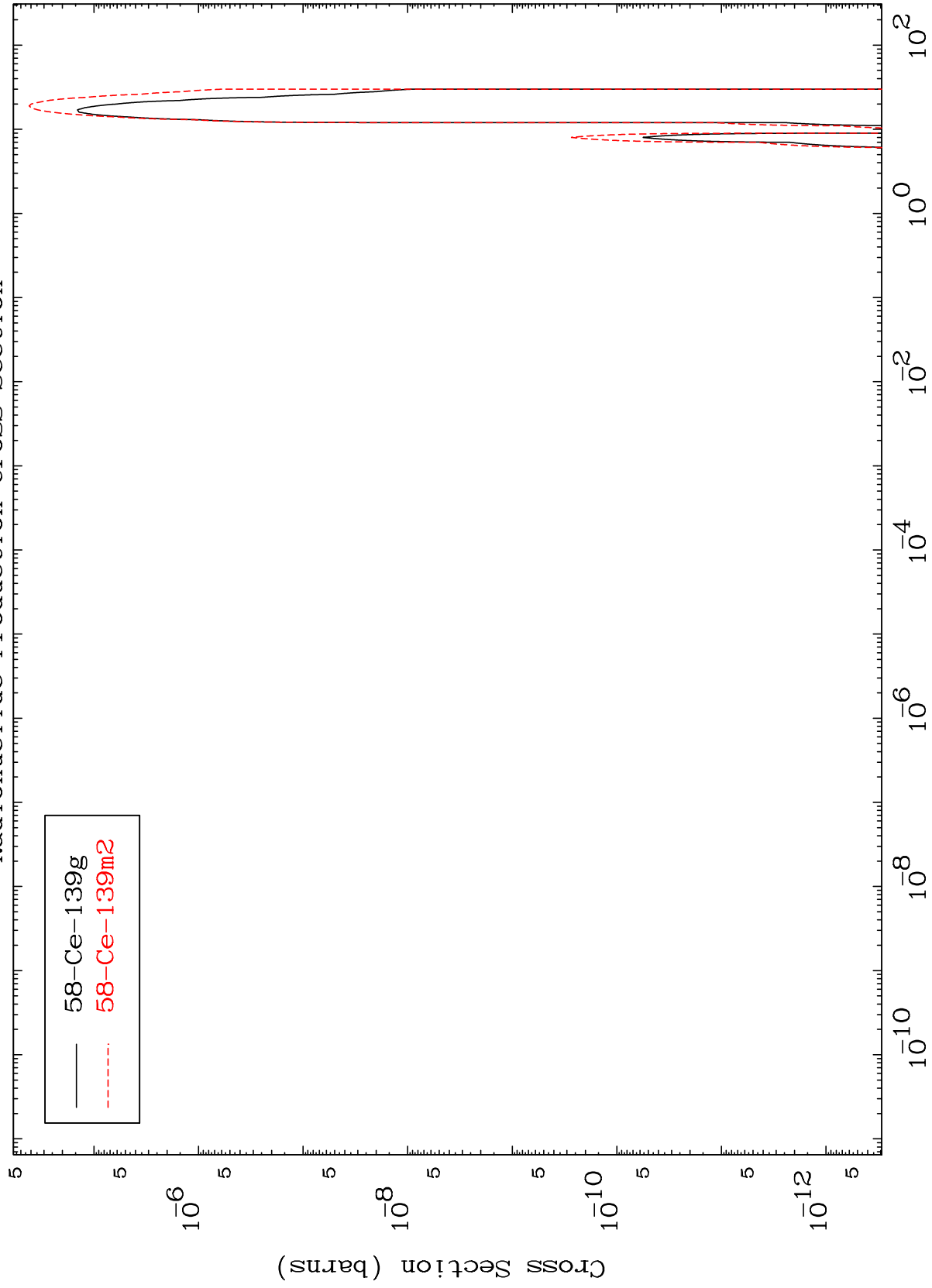
Incident Energy (MeV)

56-Ba-135

MAT 5640

Radionuclide Production Cross Section
(α, γ)

56-Ba-135

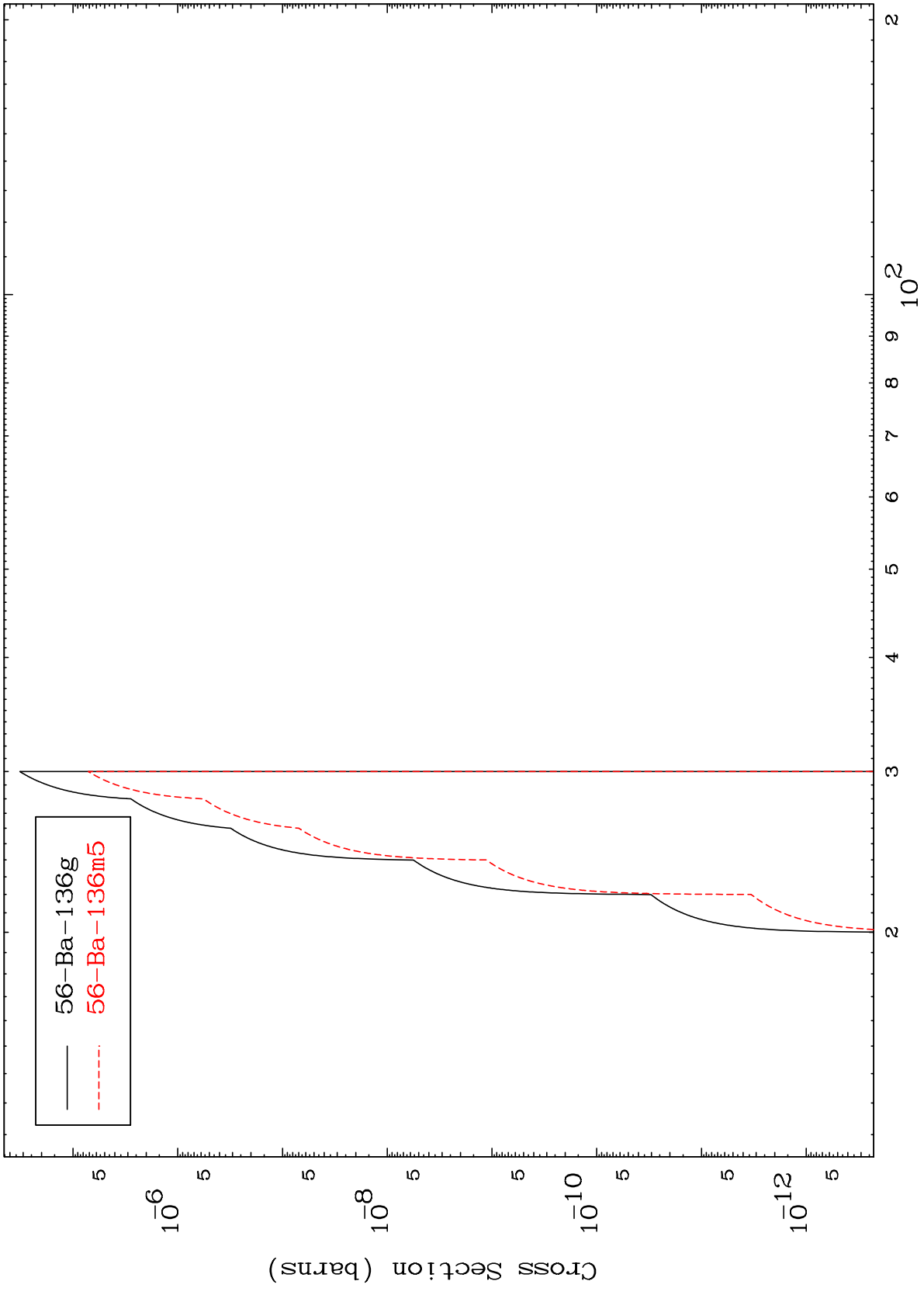


MAT 5640

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

56-Ba-135

Radionuclide Production Cross Section



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Incident Energy (MeV)

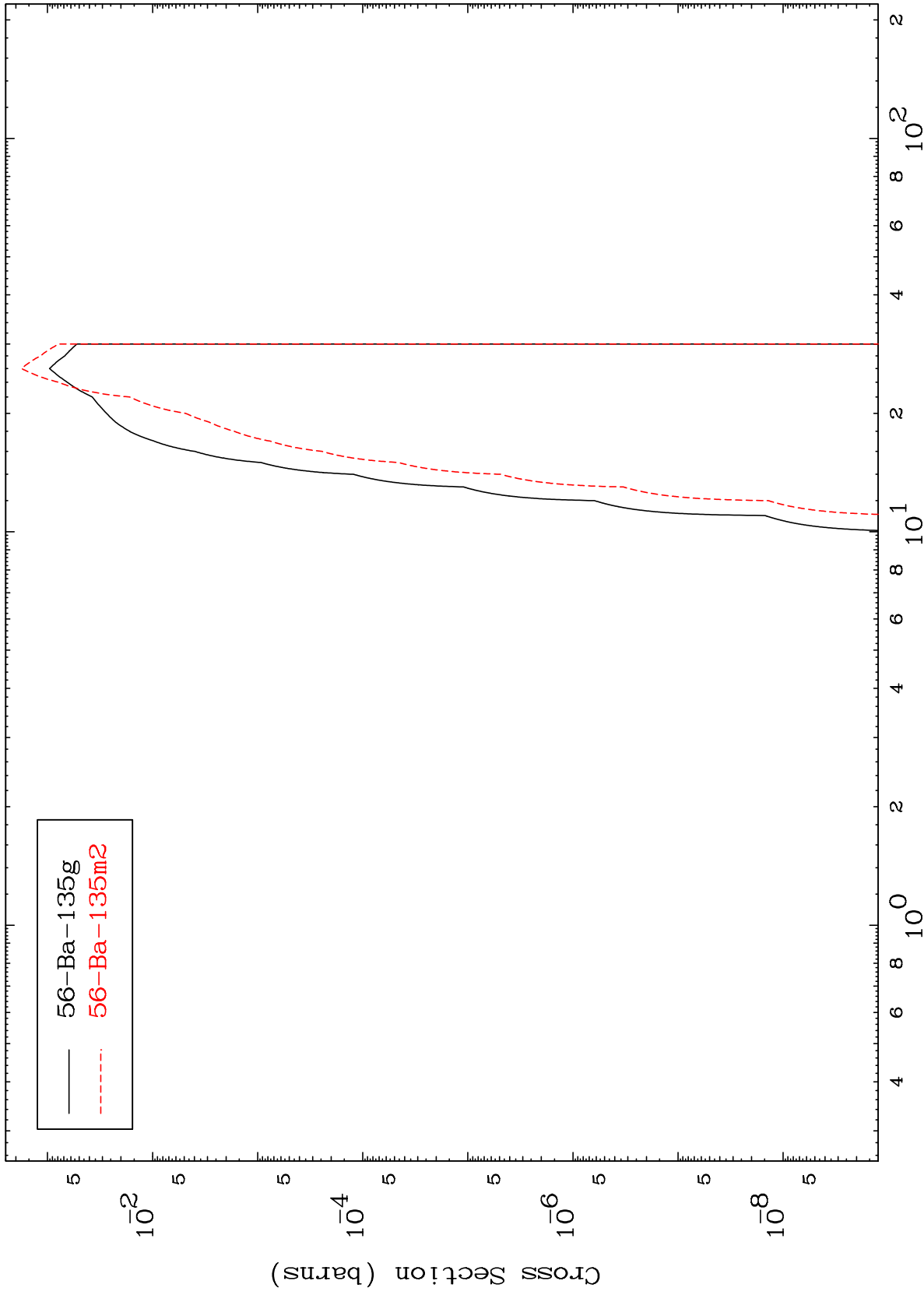
56-Ba-135

MAT 5640

(α, α)

56-Ba-135

Radionuclide Production Cross Section



16

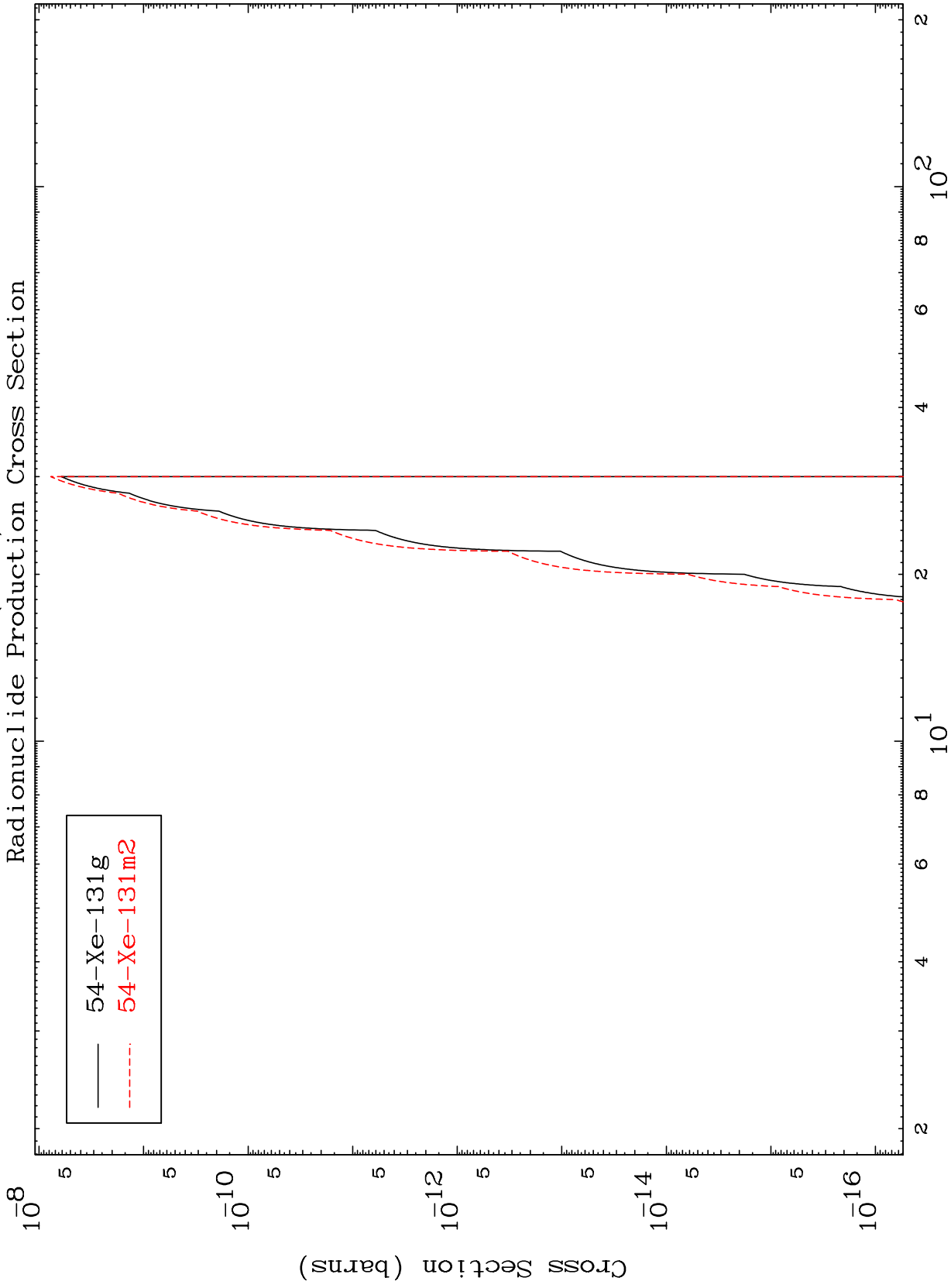
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

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



17

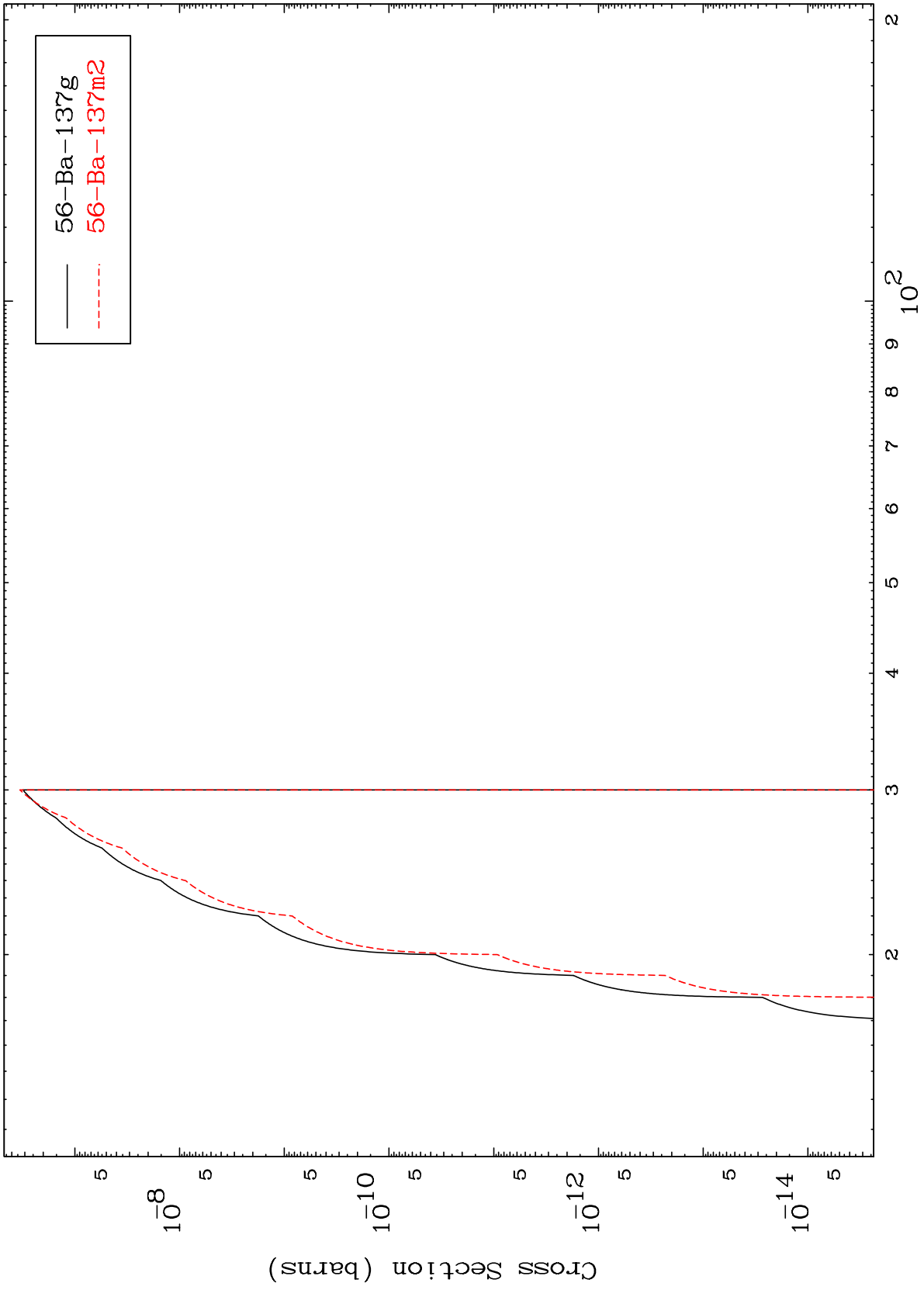
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

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



18

Incident Energy (MeV)

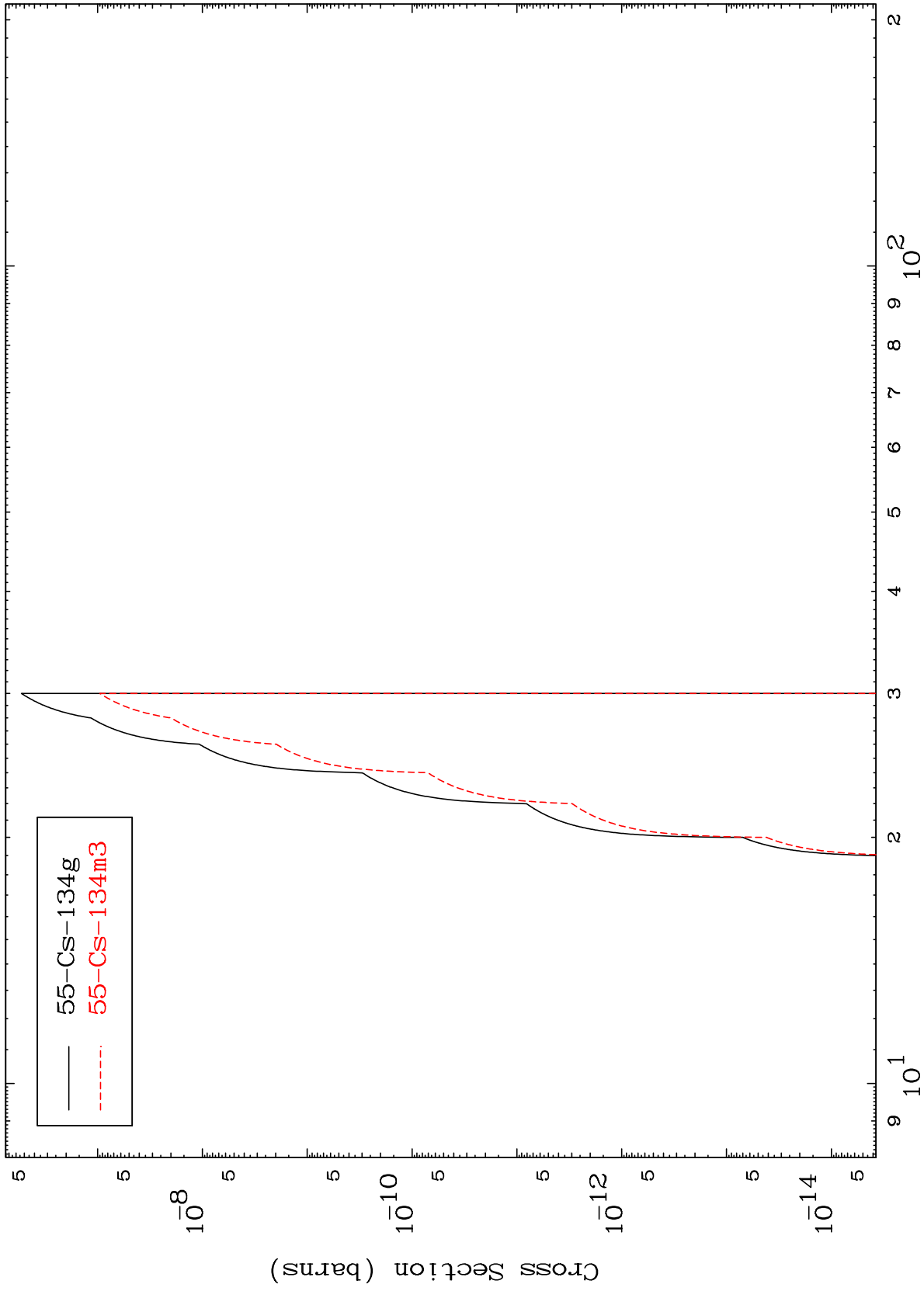
56-Ba-135

MAT 5640

(α, p) α

56-Ba-135

Radionuclide Production Cross Section



19

Incident Energy (MeV)

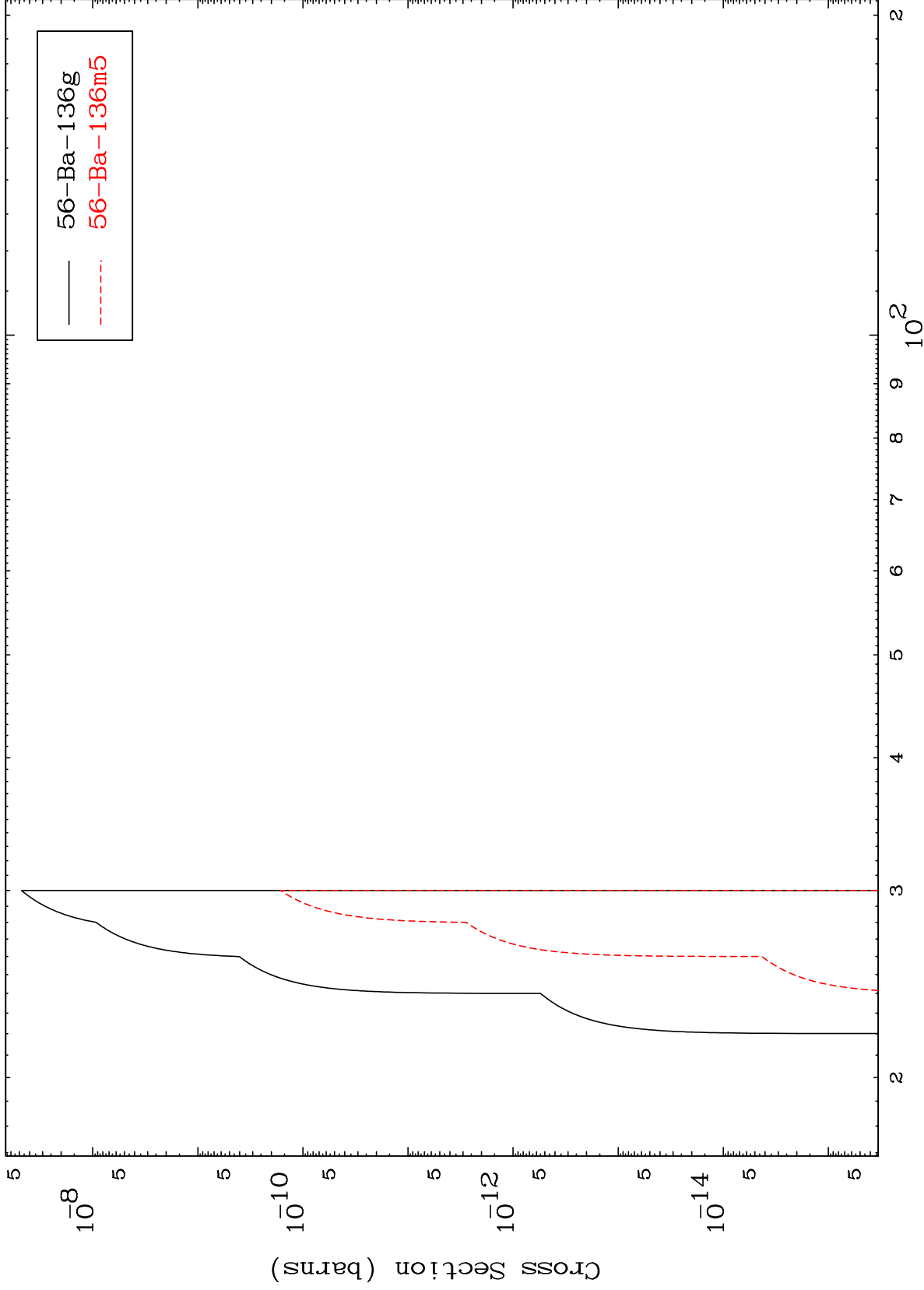
56-Ba-135

MAT 5640

(α, p) d

56-Ba-135

Radionuclide Production Cross Section



20

Incident Energy (MeV)

56-Ba-135