

Program EVALPLOT
(Version 2018-1)

by

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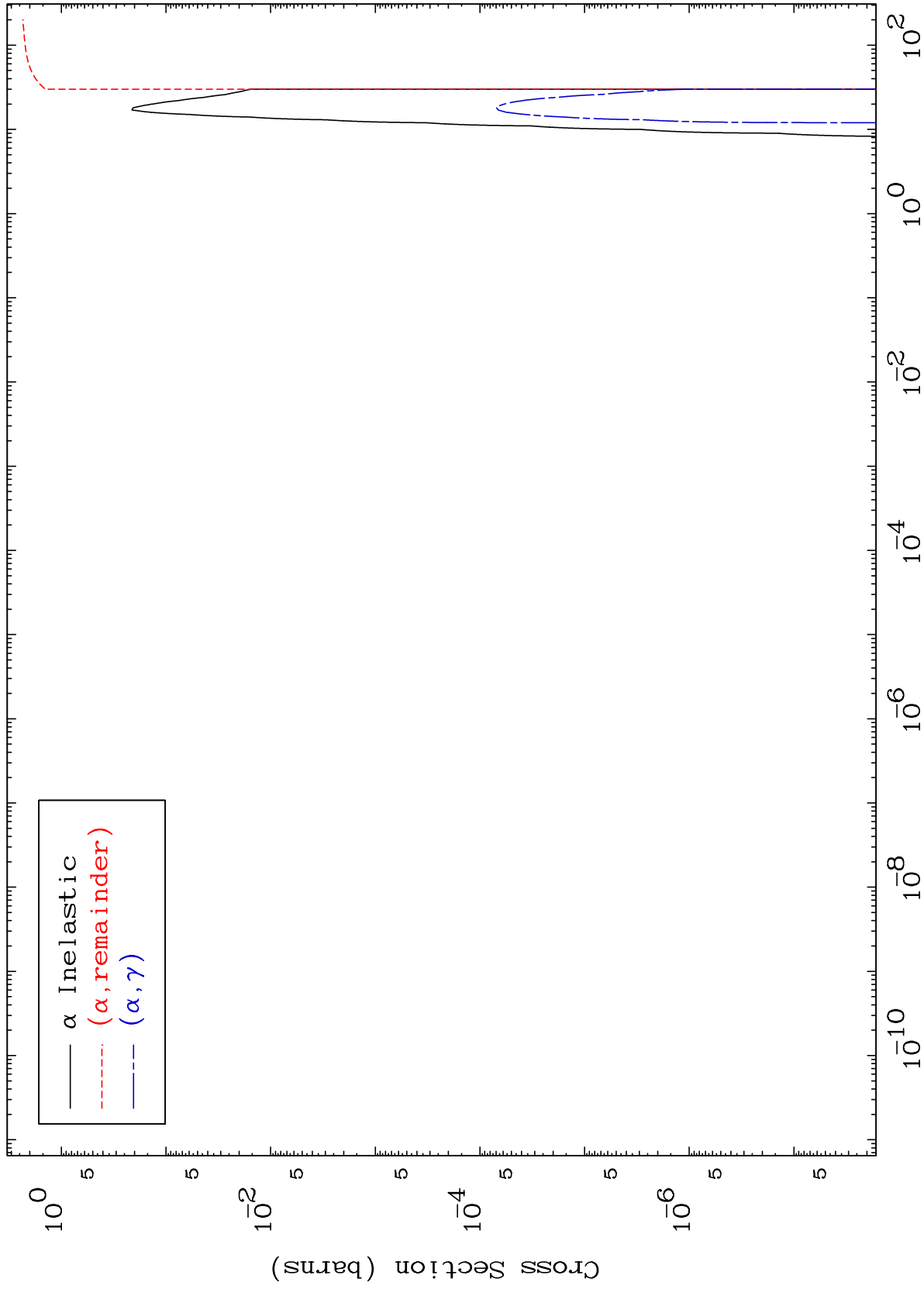
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5641

0 Kelvin α Major
Cross Sections

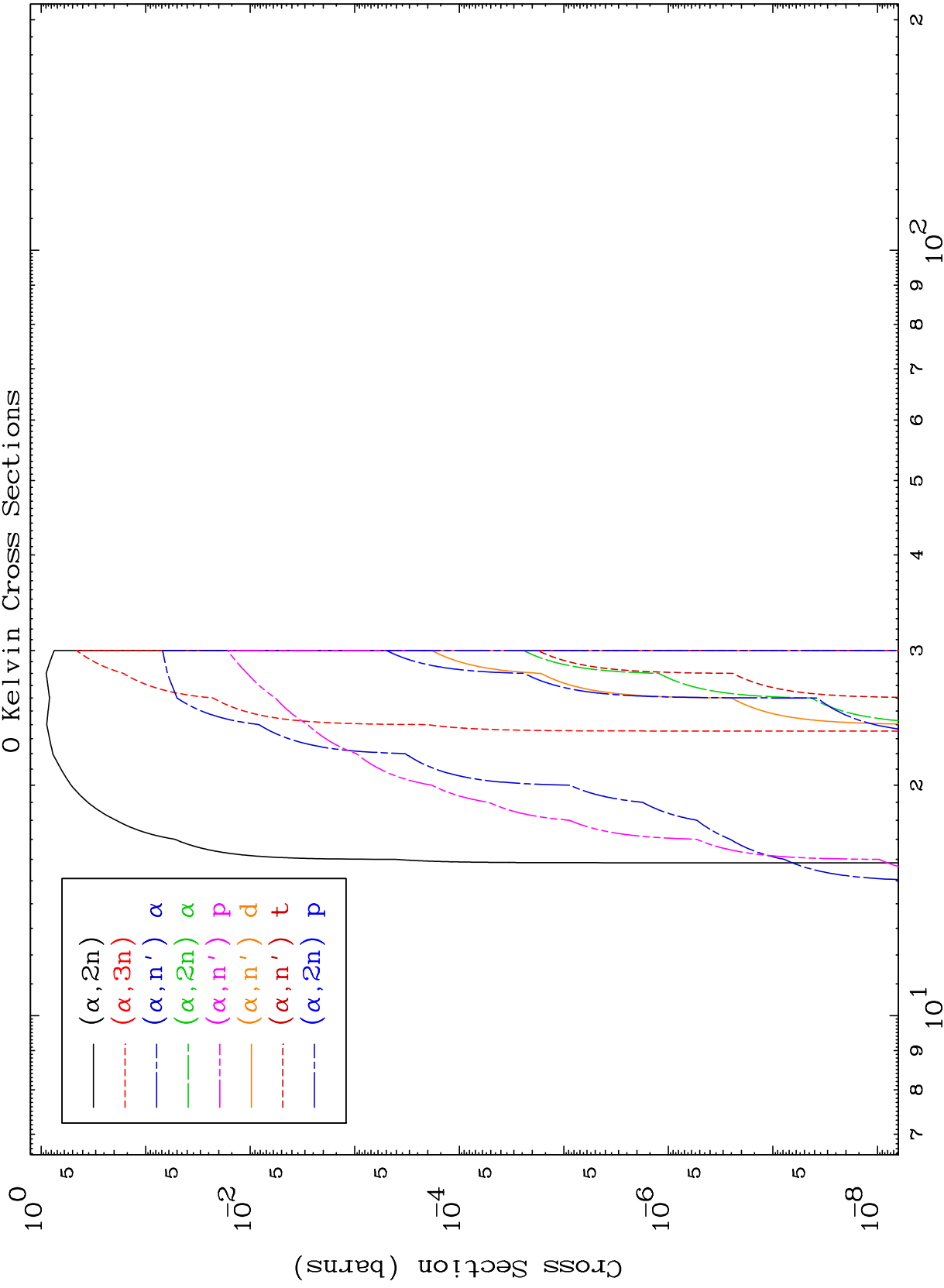
56-Ba-135



MAT 5641

α Neutron Production
0 Kelvin Cross Sections

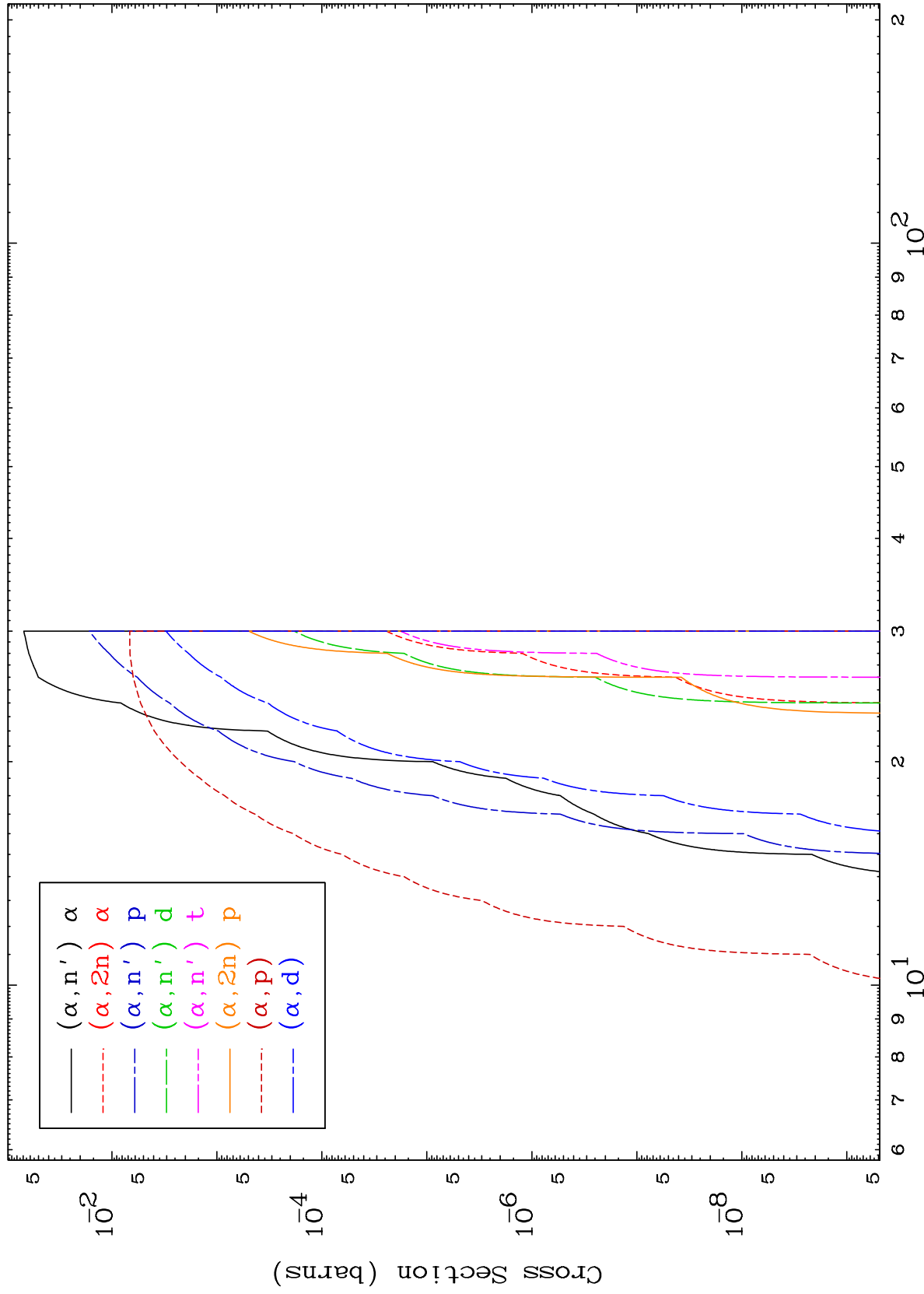
56-Ba-135



2

Incident Energy (MeV)

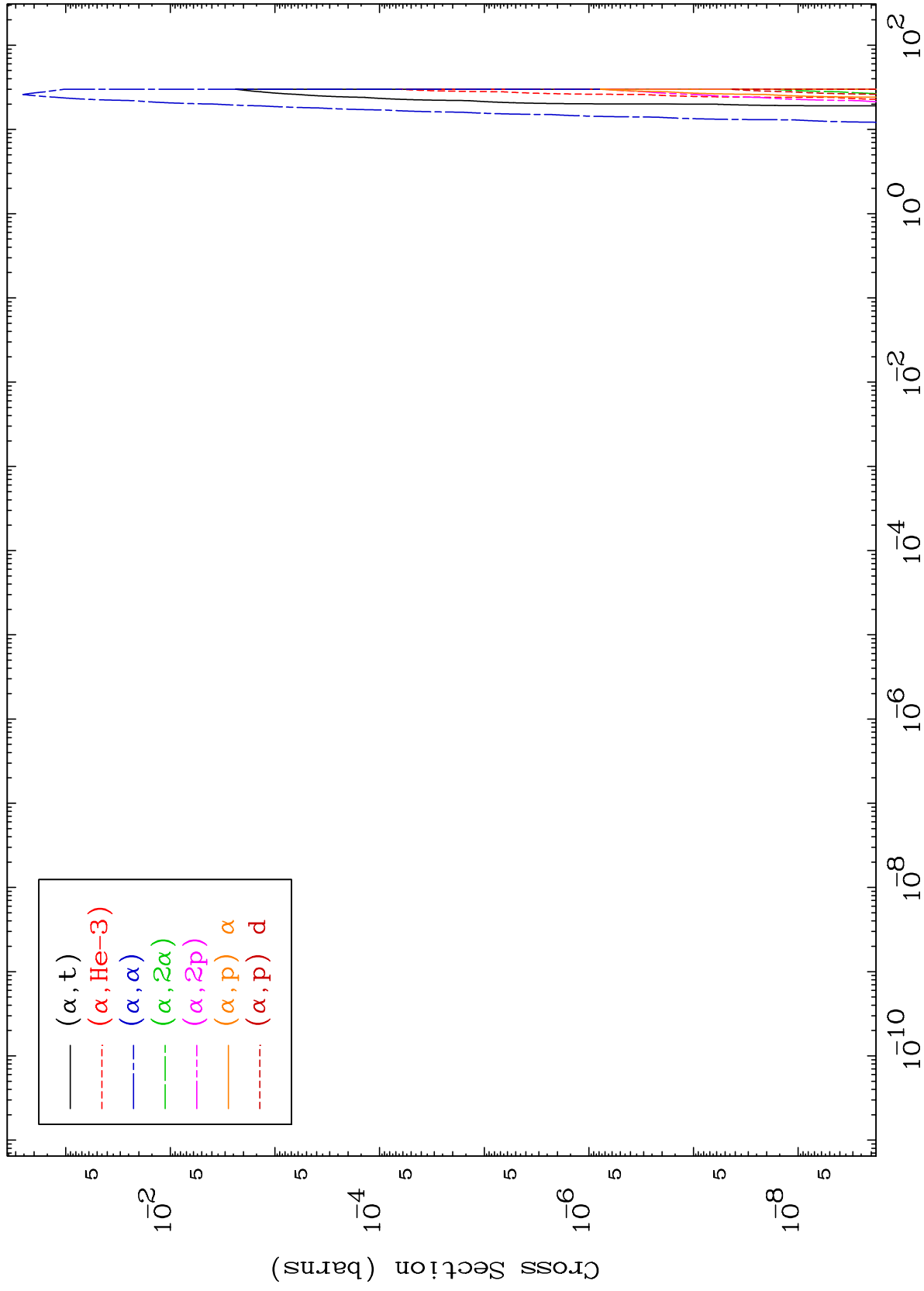
56-Ba-135



MAT 5641

α Charged Particle
0 Kelvin Cross Sections

56-Ba-135

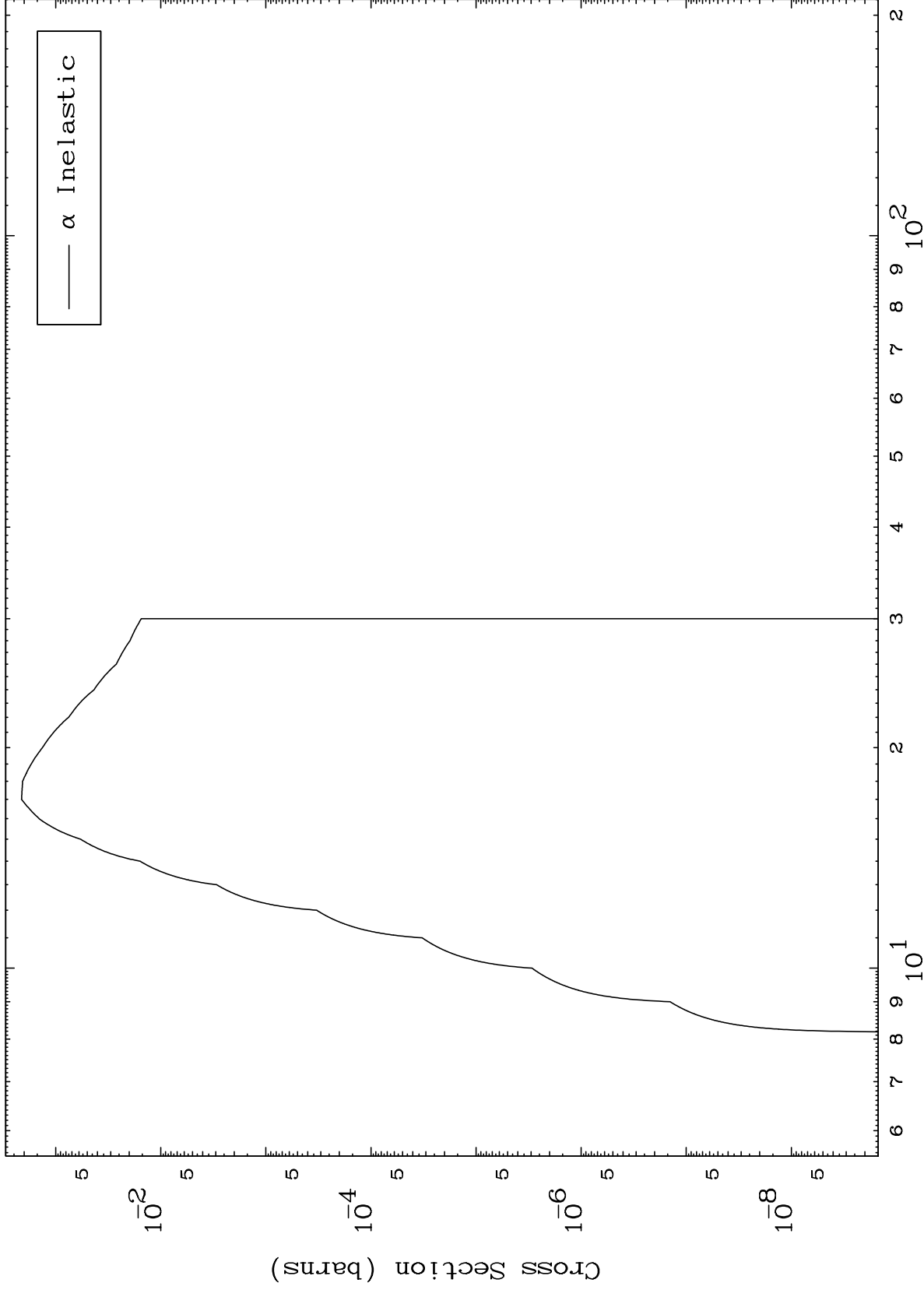


56-Ba-135

MAT 5641

(α, n') Level
0 Kelvin Cross Sections

56-Ba-135



5

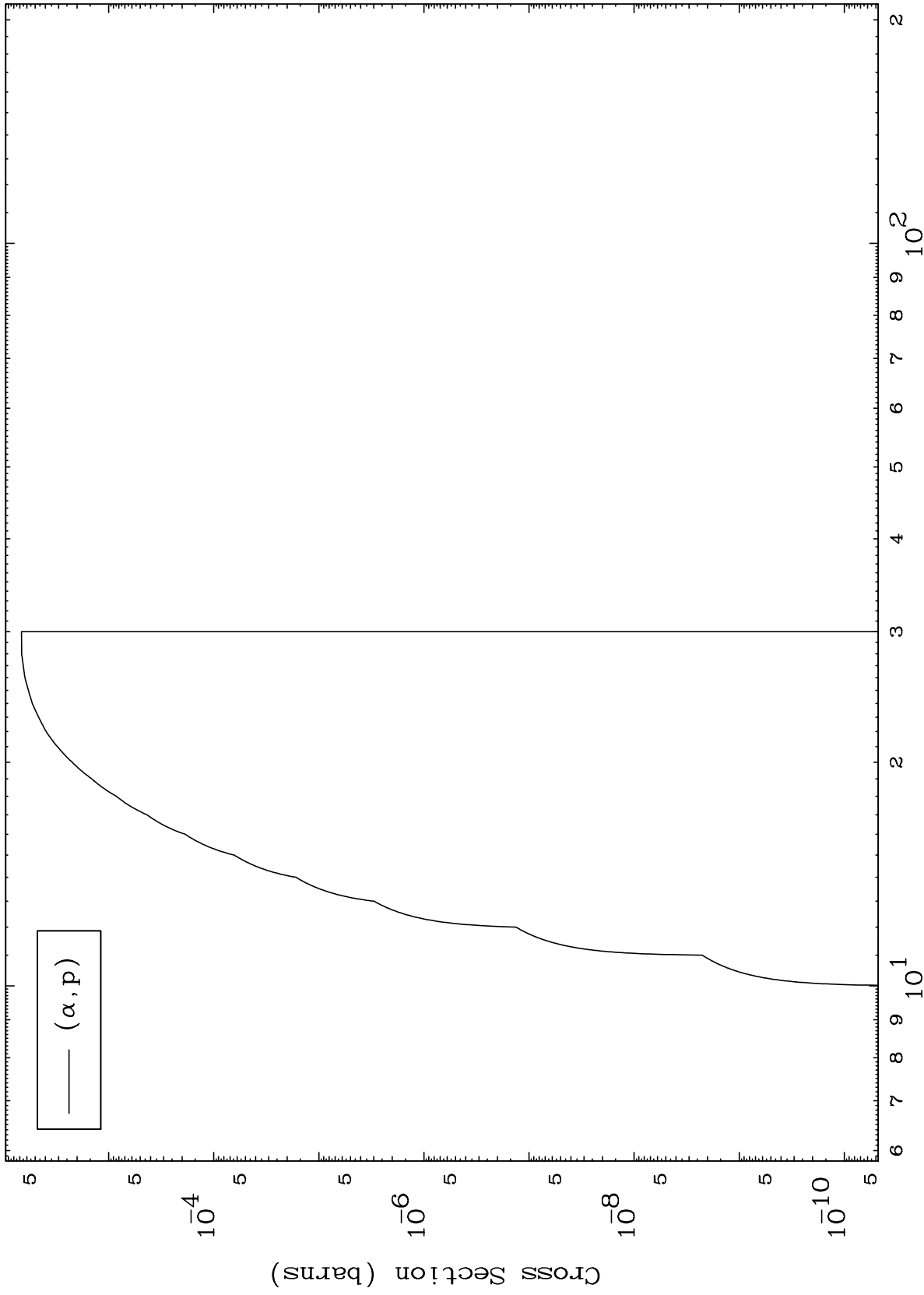
Incident Energy (MeV)

56-Ba-135

MAT 5641

(α, p) Levels
0 Kelvin Cross Sections

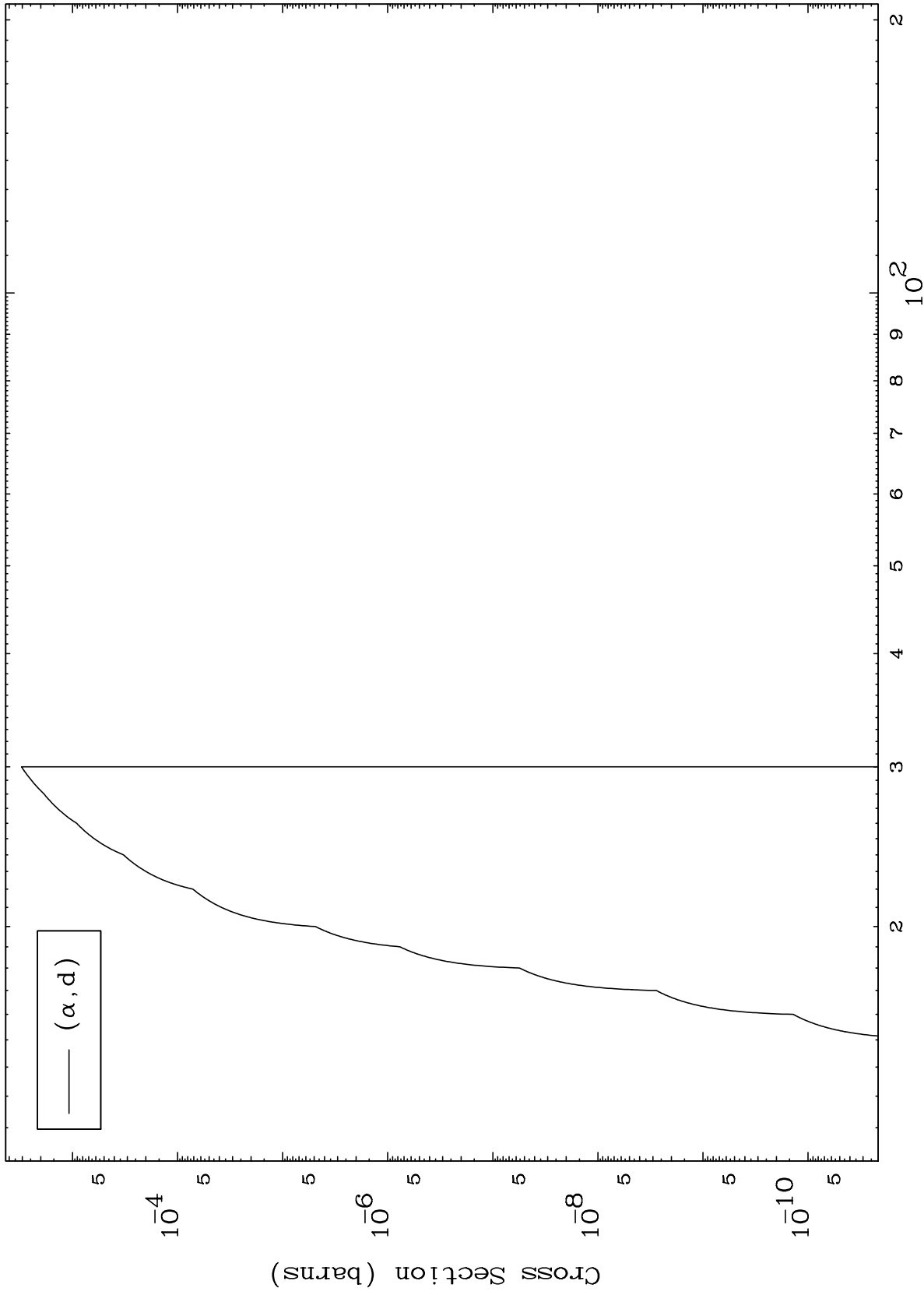
56-Ba-135



6

Incident Energy (MeV)

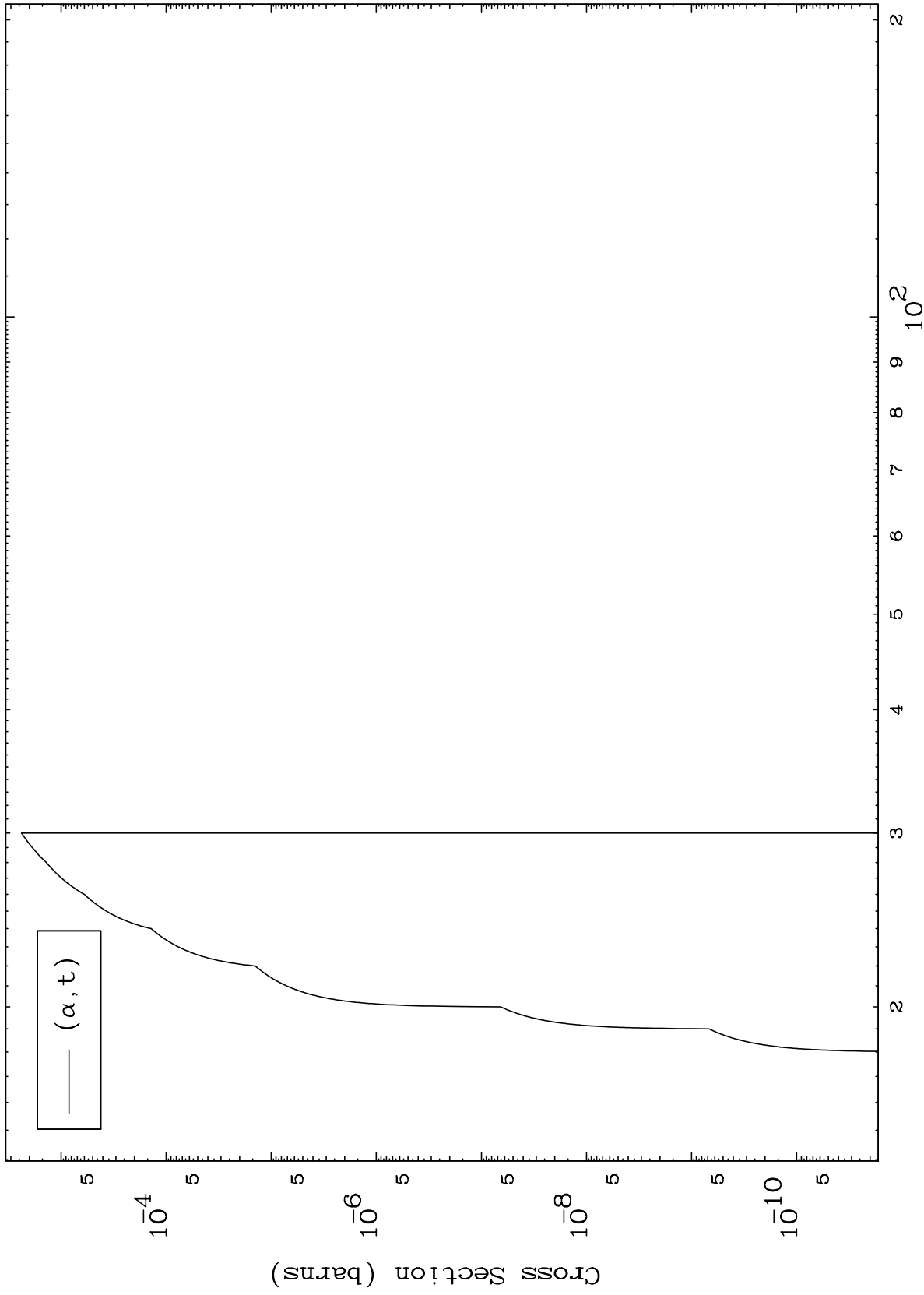
56-Ba-135



MAT 5641

(α, t) Levels
0 Kelvin Cross Sections

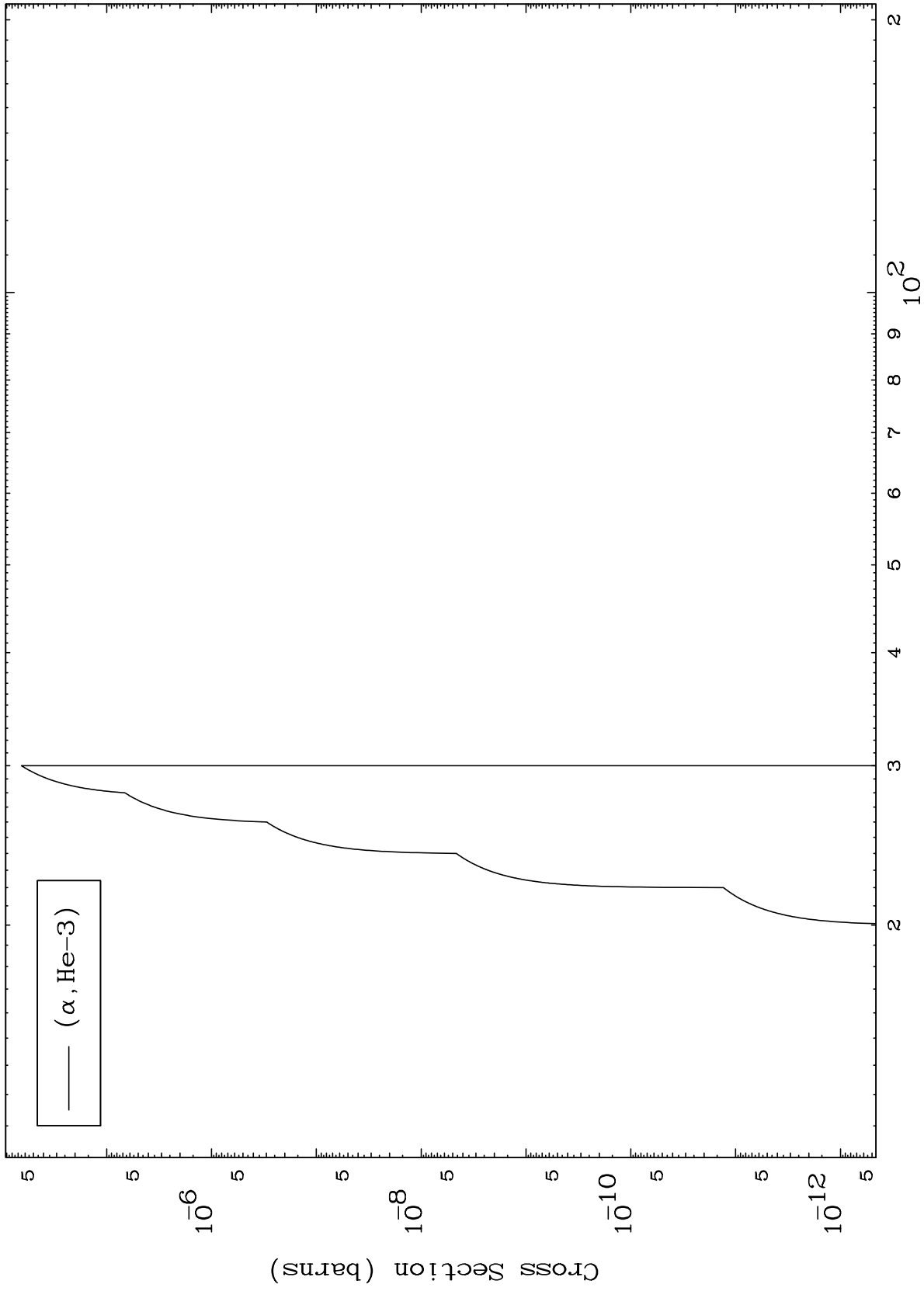
56-Ba-135



8

Incident Energy (MeV)

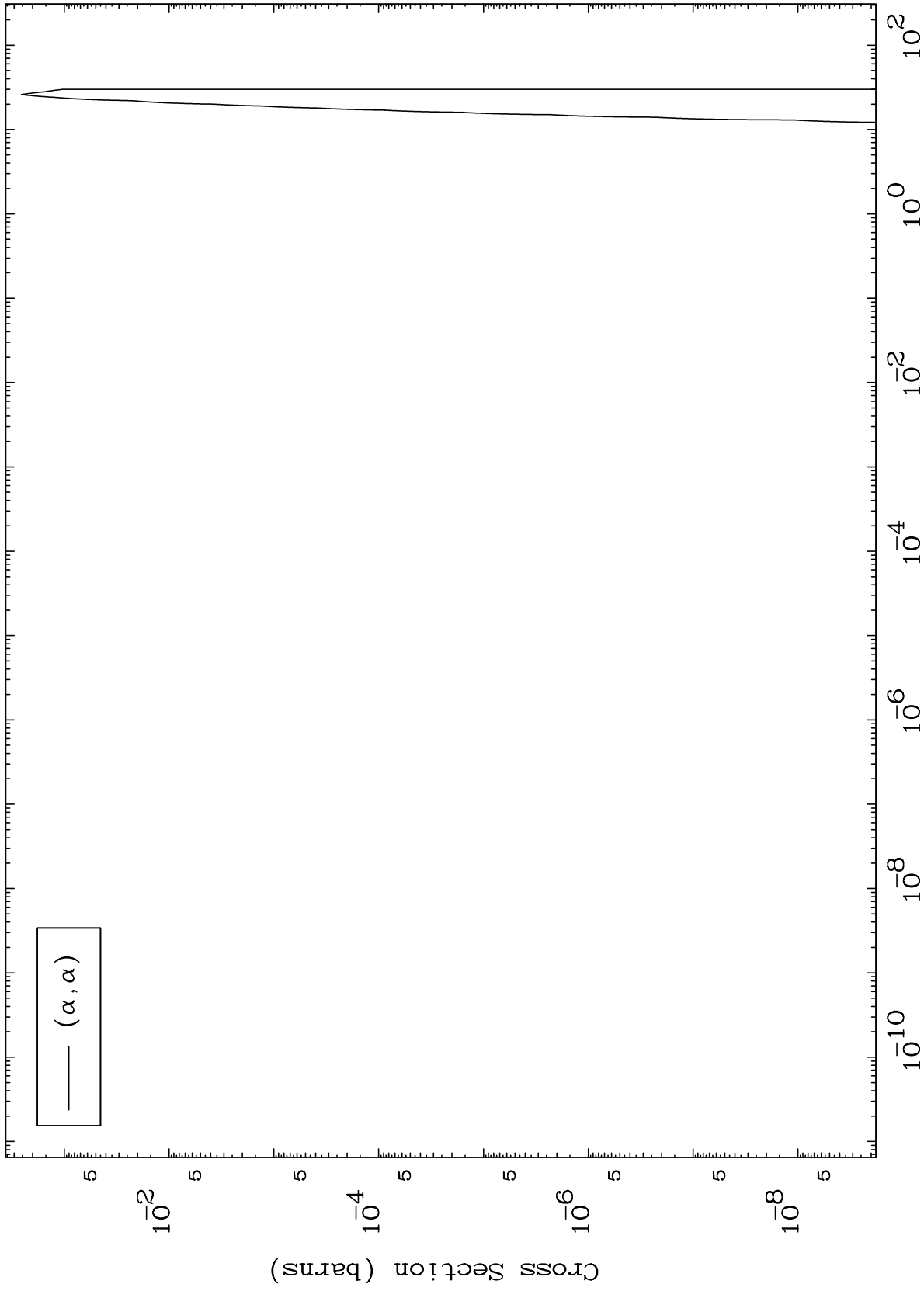
56-Ba-135



MAT 5641

(α, α) Levels
0 Kelvin Cross Sections

56-Ba-135



10

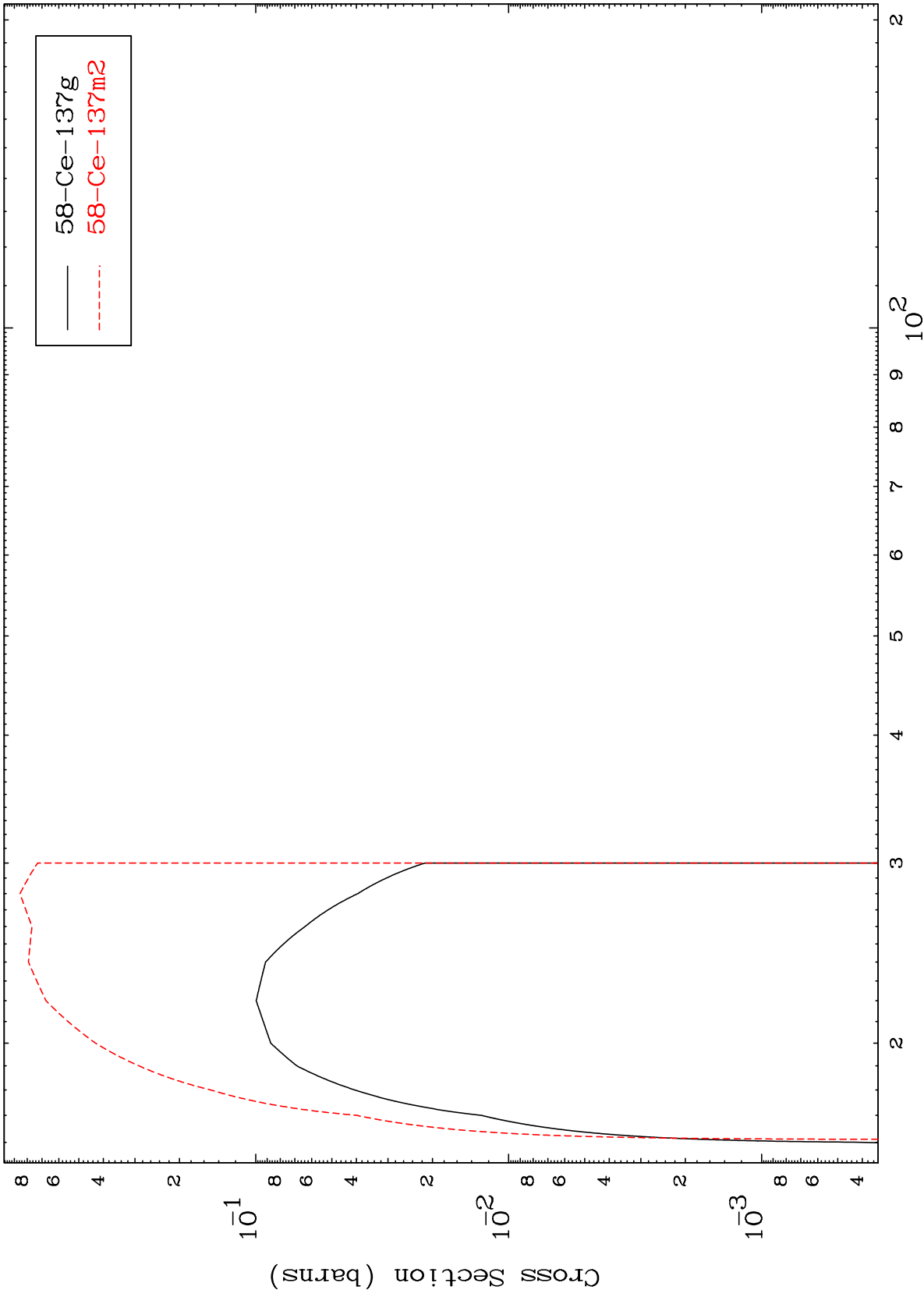
Incident Energy (MeV)

56-Ba-135

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56-Ba-135

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



11

Incident Energy (MeV)

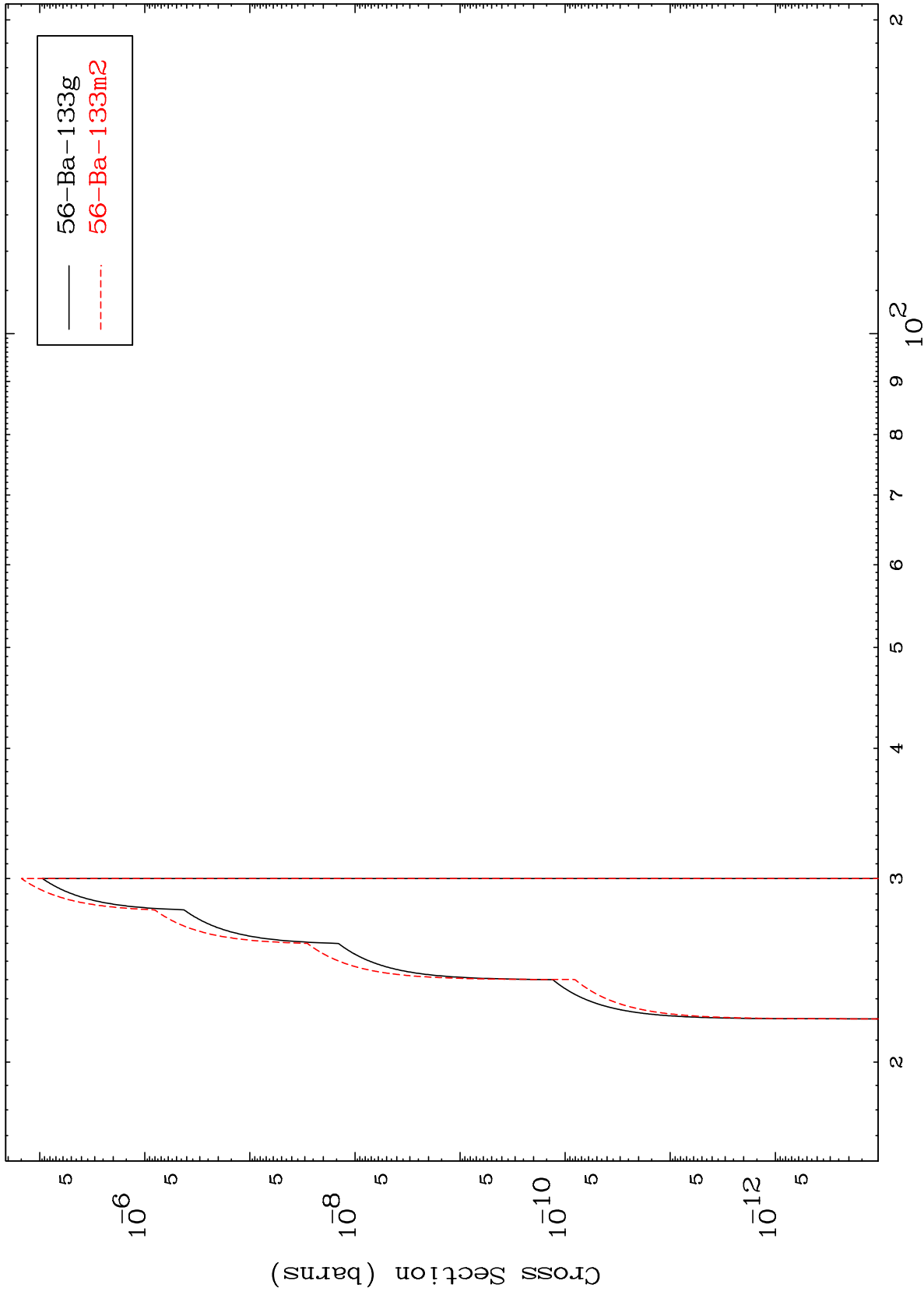
56-Ba-135

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$(\alpha, 2n) \alpha$

56-Ba-135

Radionuclide Production Cross Section



12

Incident Energy (MeV)

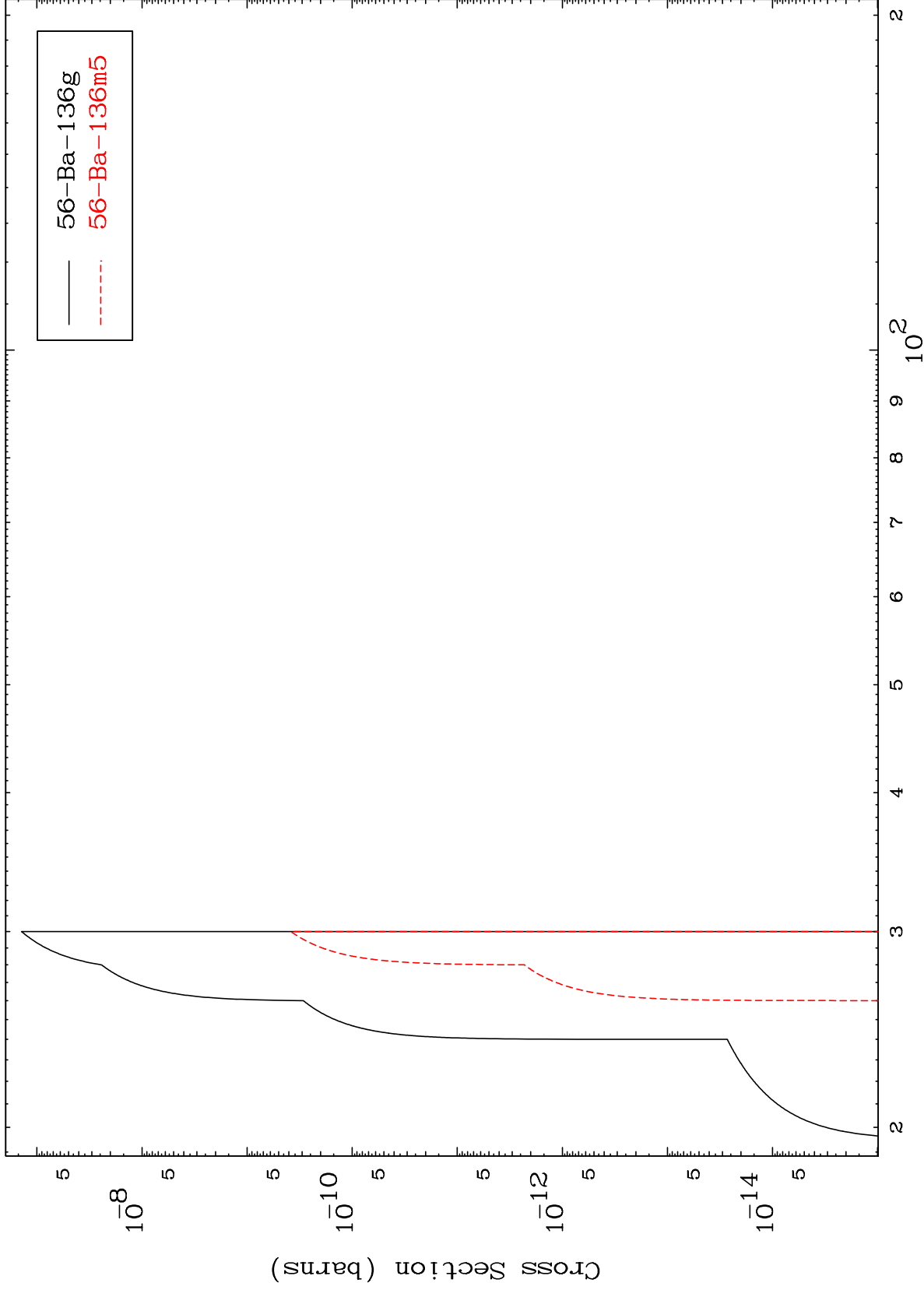
56-Ba-135

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$(\alpha, 2n)$ p

56-Ba-135

Radionuclide Production Cross Section



13

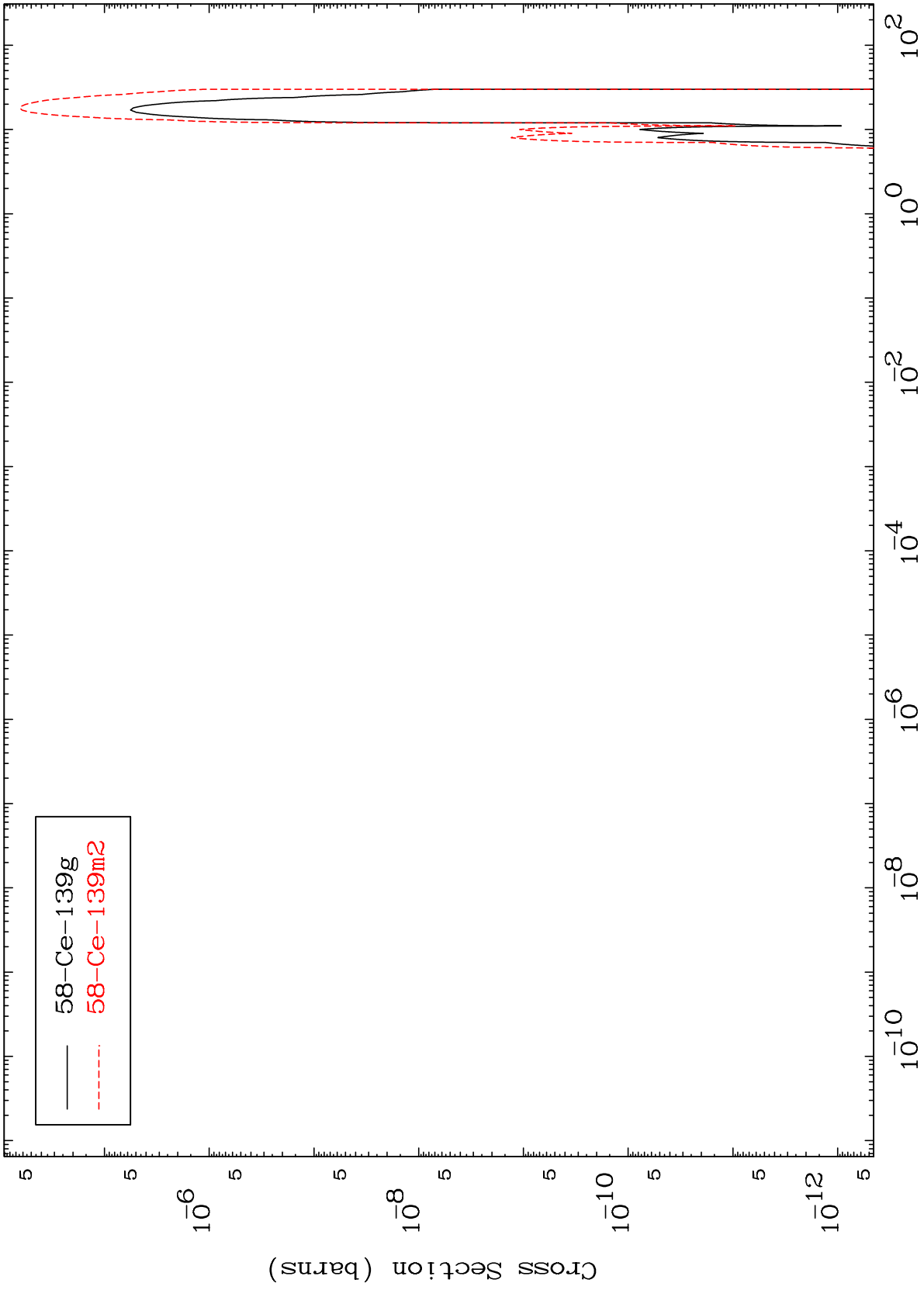
Incident Energy (MeV)

56-Ba-135

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Radionuclide Production Cross Section
(α, γ)

56-Ba-135



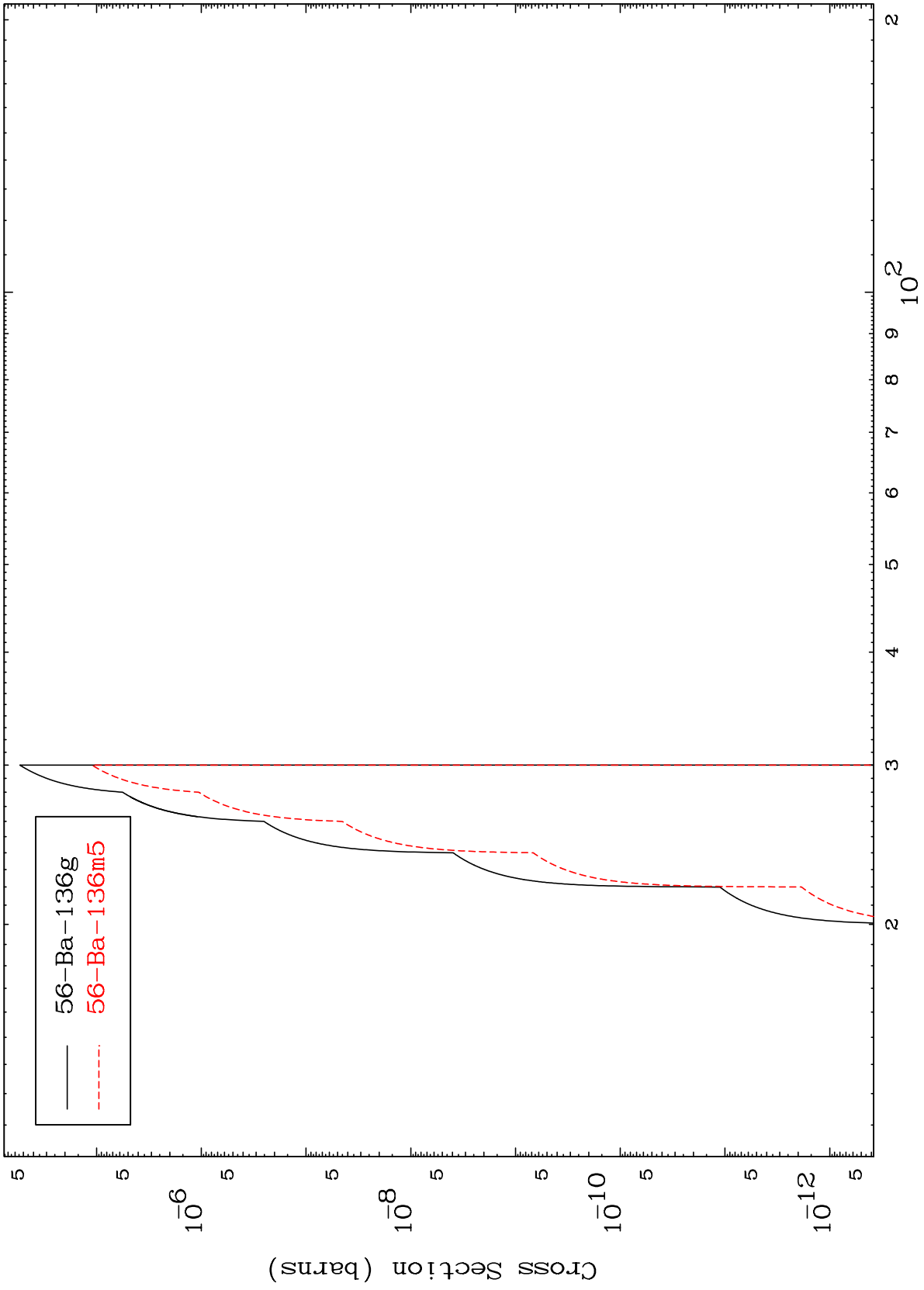
56-Ba-135

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

56-Ba-135

Radionuclide Production Cross Section



15

Incident Energy (MeV)

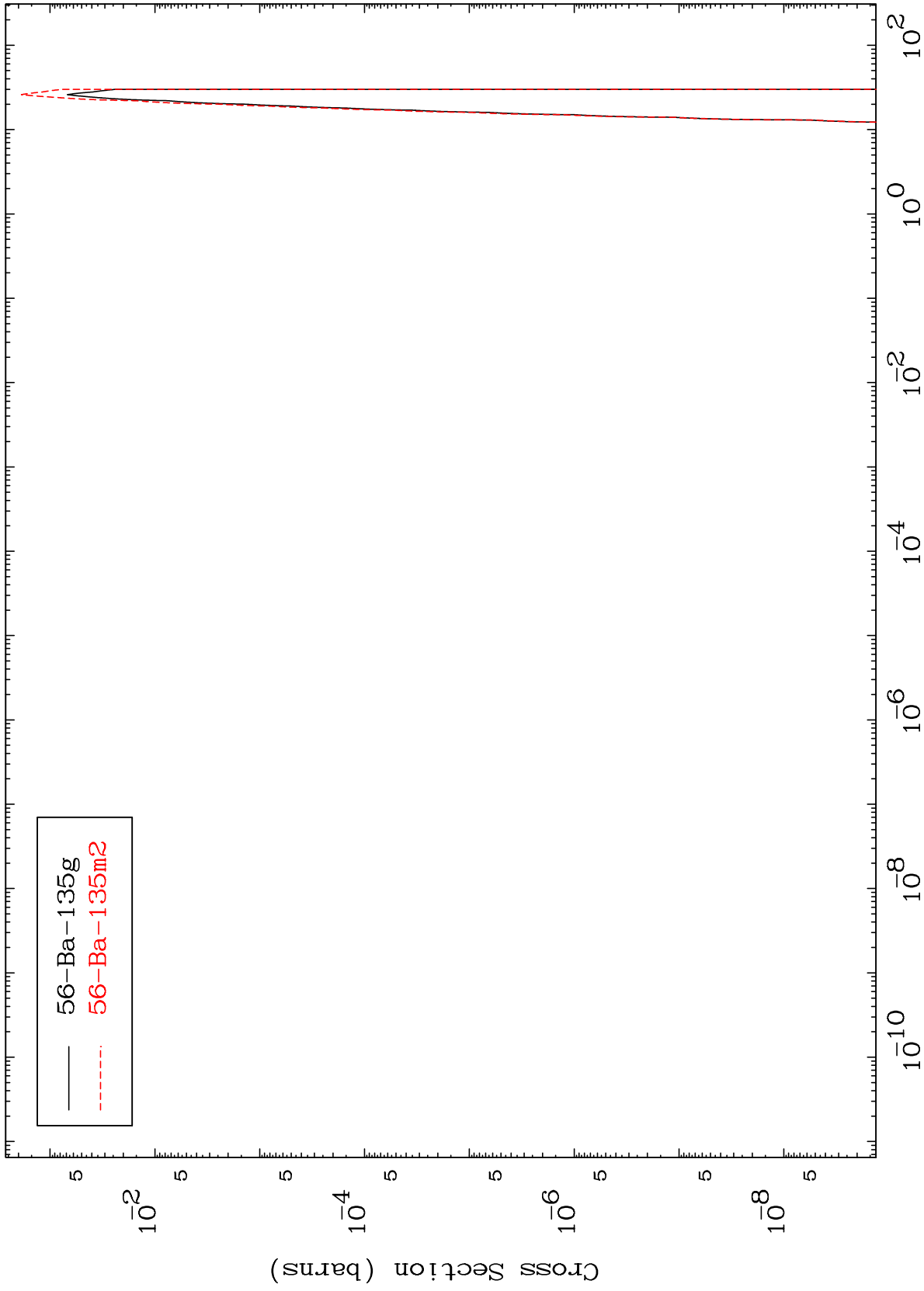
56-Ba-135

MAT 5641

(α, α)

56-Ba-135

Radionuclide Production Cross Section



16

Incident Energy (MeV)

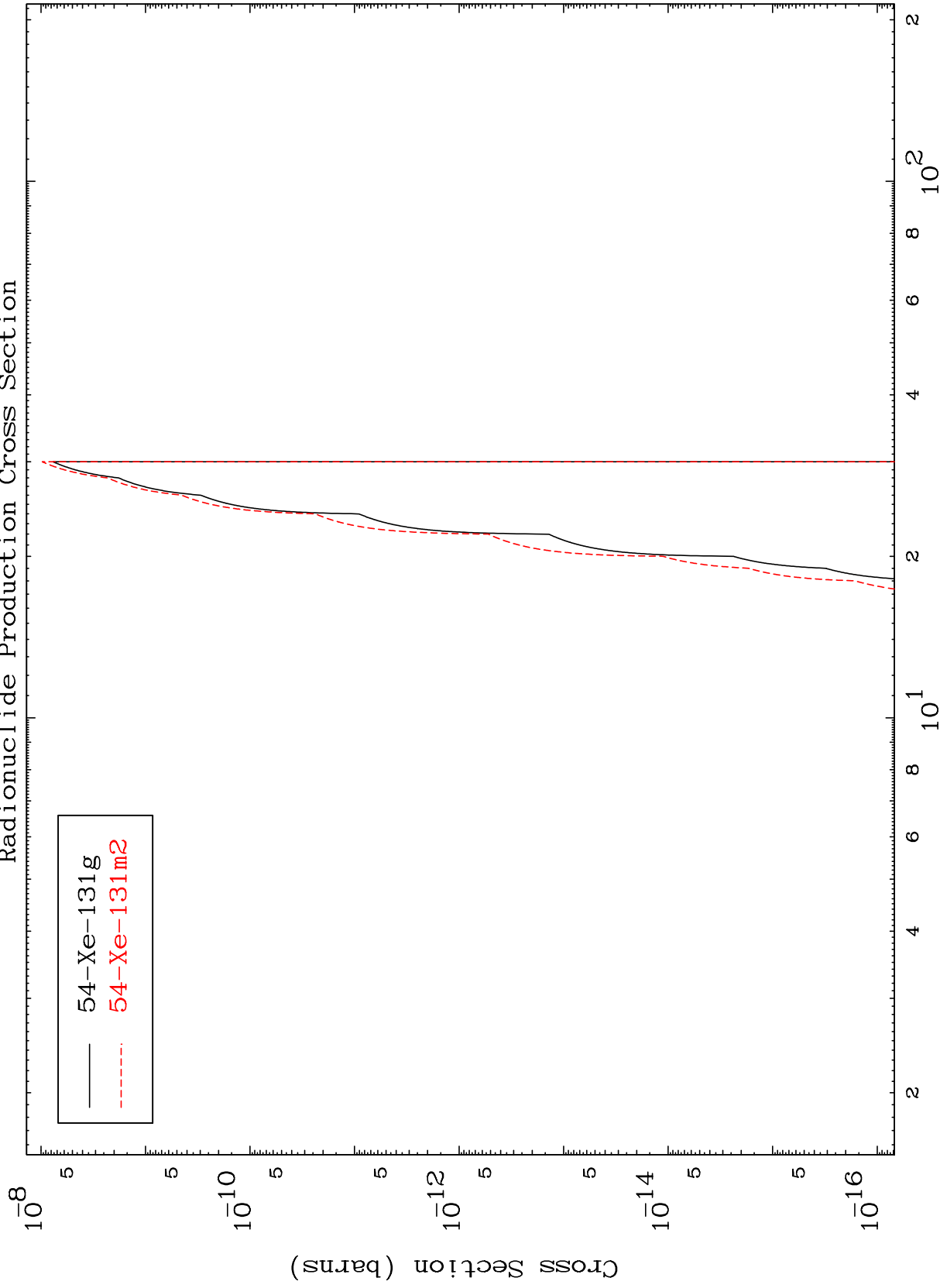
56-Ba-135

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($\alpha, 2\alpha$)

56-Ba-135

Radionuclide Production Cross Section



17

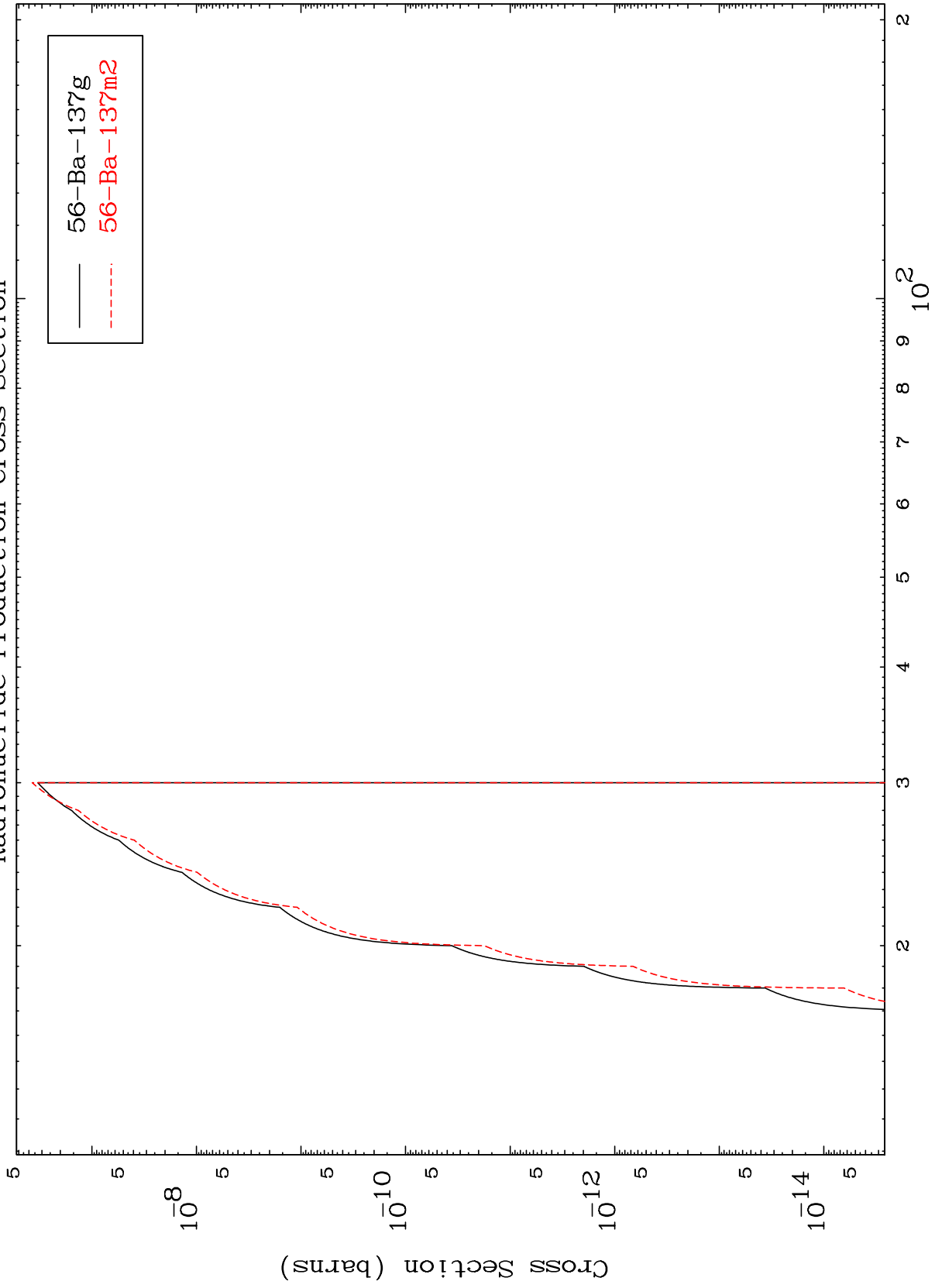
Incident Energy (MeV)

56-Ba-135

MAT 5641

56-Ba-135

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



18

Incident Energy (MeV)

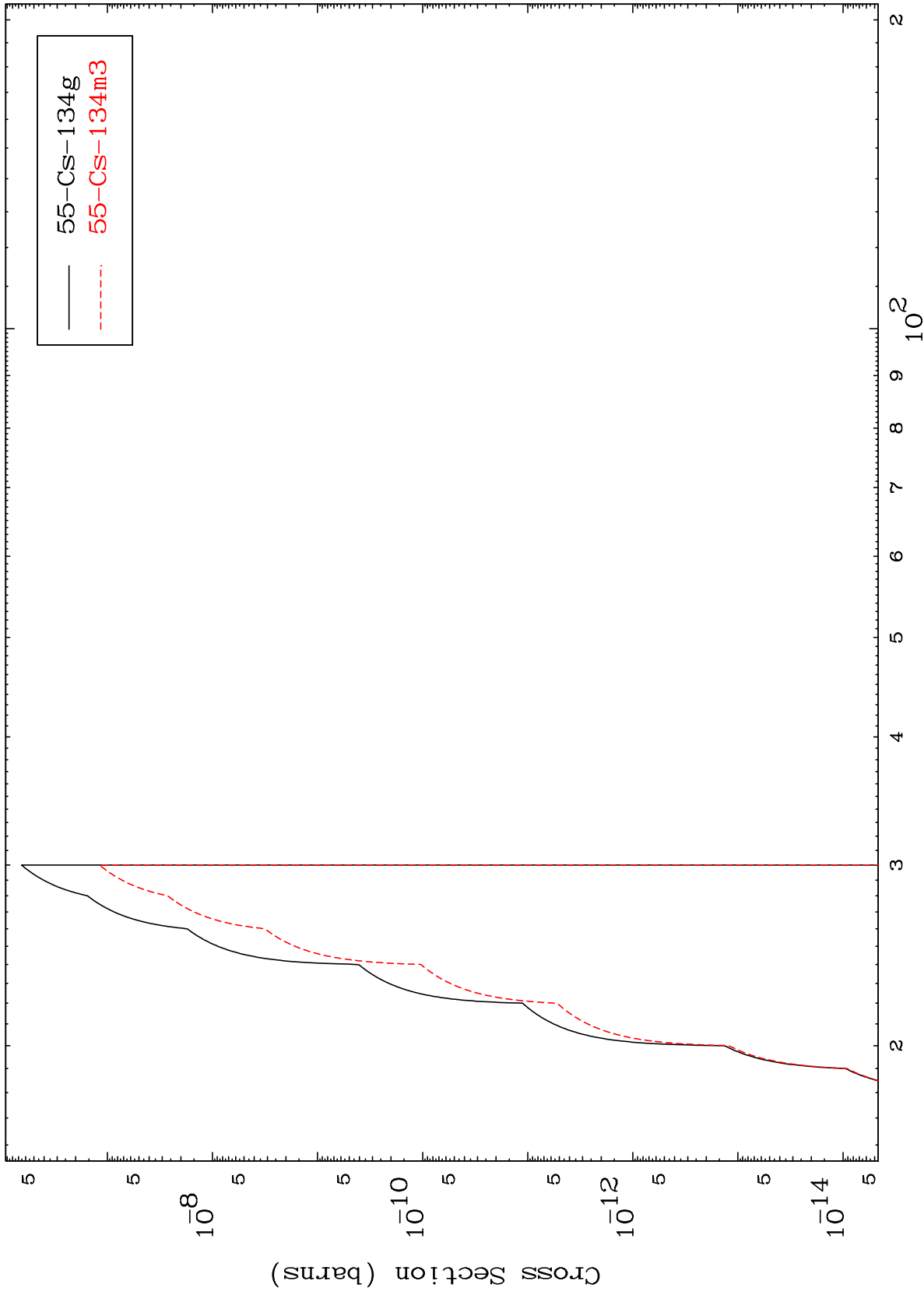
56-Ba-135

MAT 5641

(α, p) α

56-Ba-135

Radionuclide Production Cross Section



19

Incident Energy (MeV)

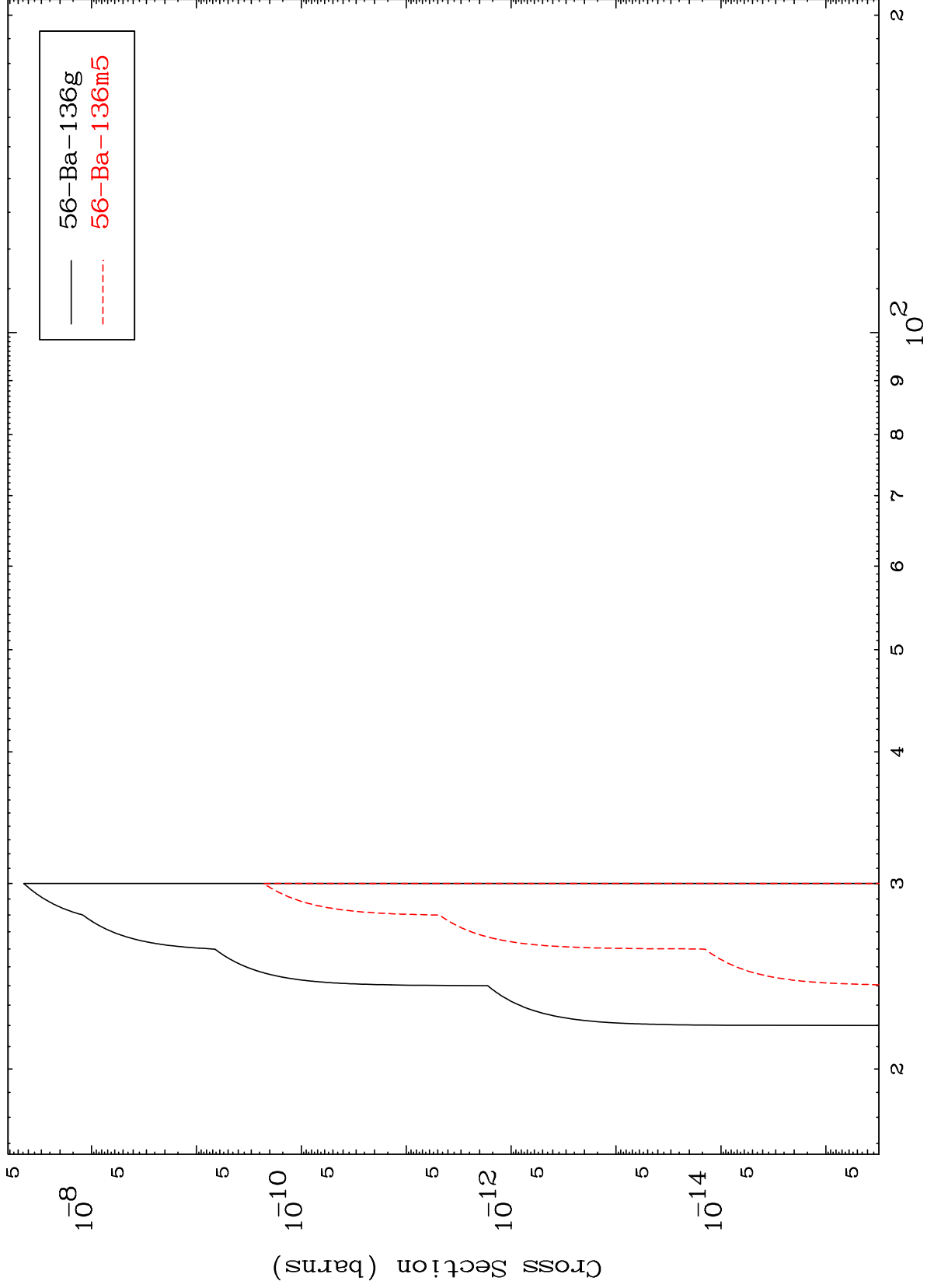
56-Ba-135

MAT 5641

(α, p) d

56-Ba-135

Radionuclide Production Cross Section



20

Incident Energy (MeV)

56-Ba-135