

Program EVALPLOT
(Version 2018-1)

by

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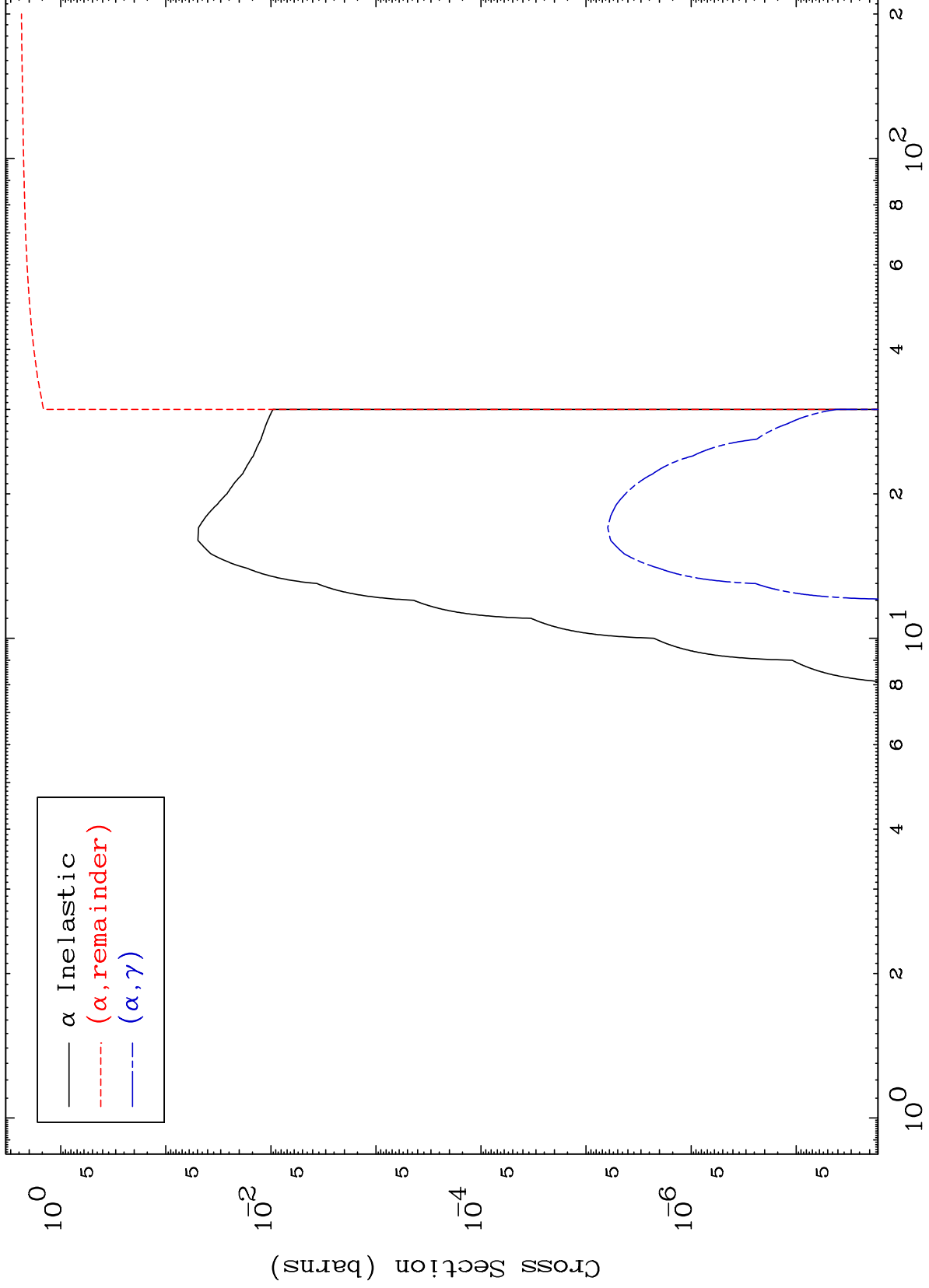
Press Mouse Button to Start

MAT 5652

α Major

56-Ba-139

0 Kelvin Cross Sections



α Inelastic
(α , remainder)
(α , γ)

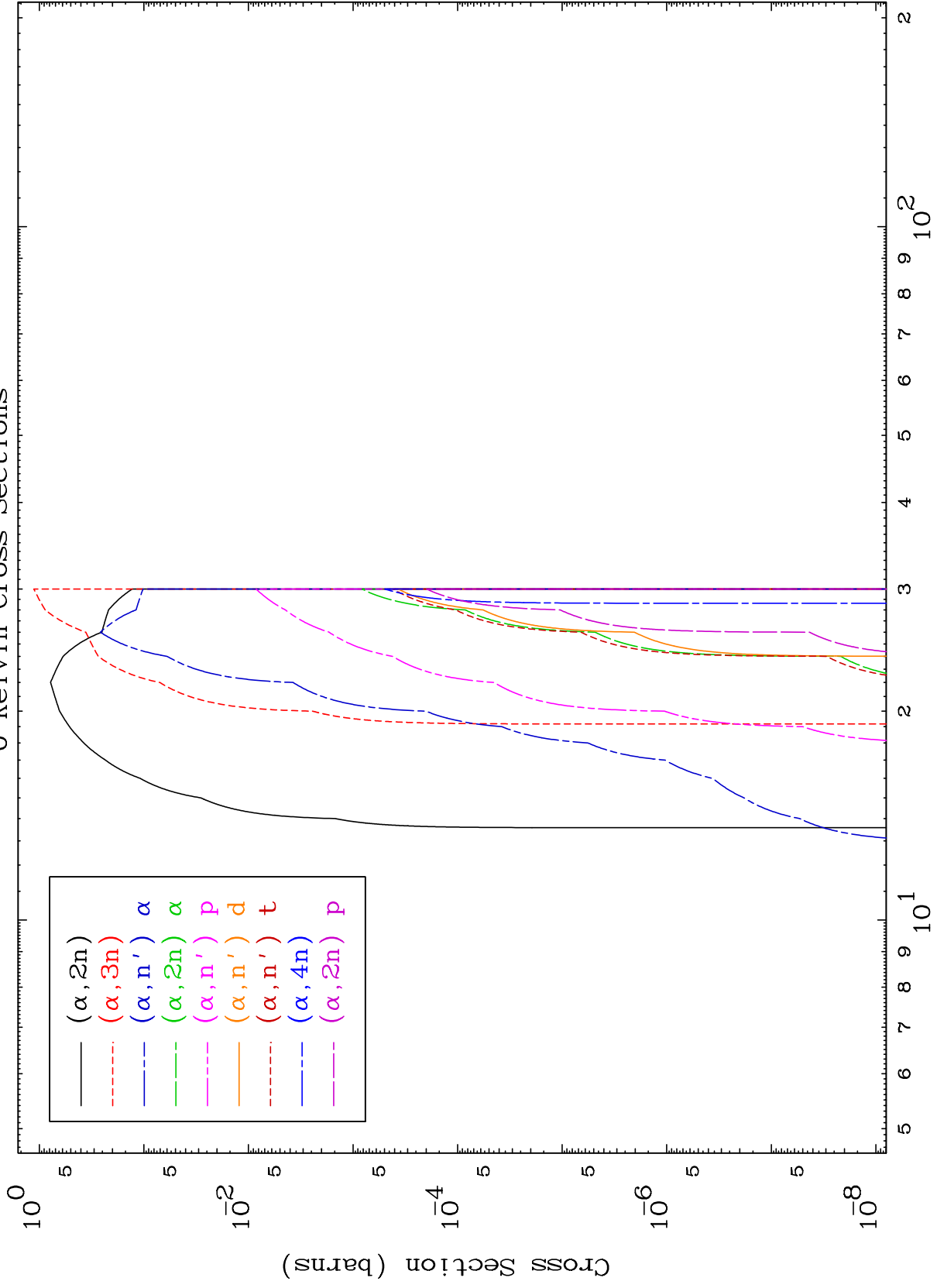
Incident Energy (MeV)

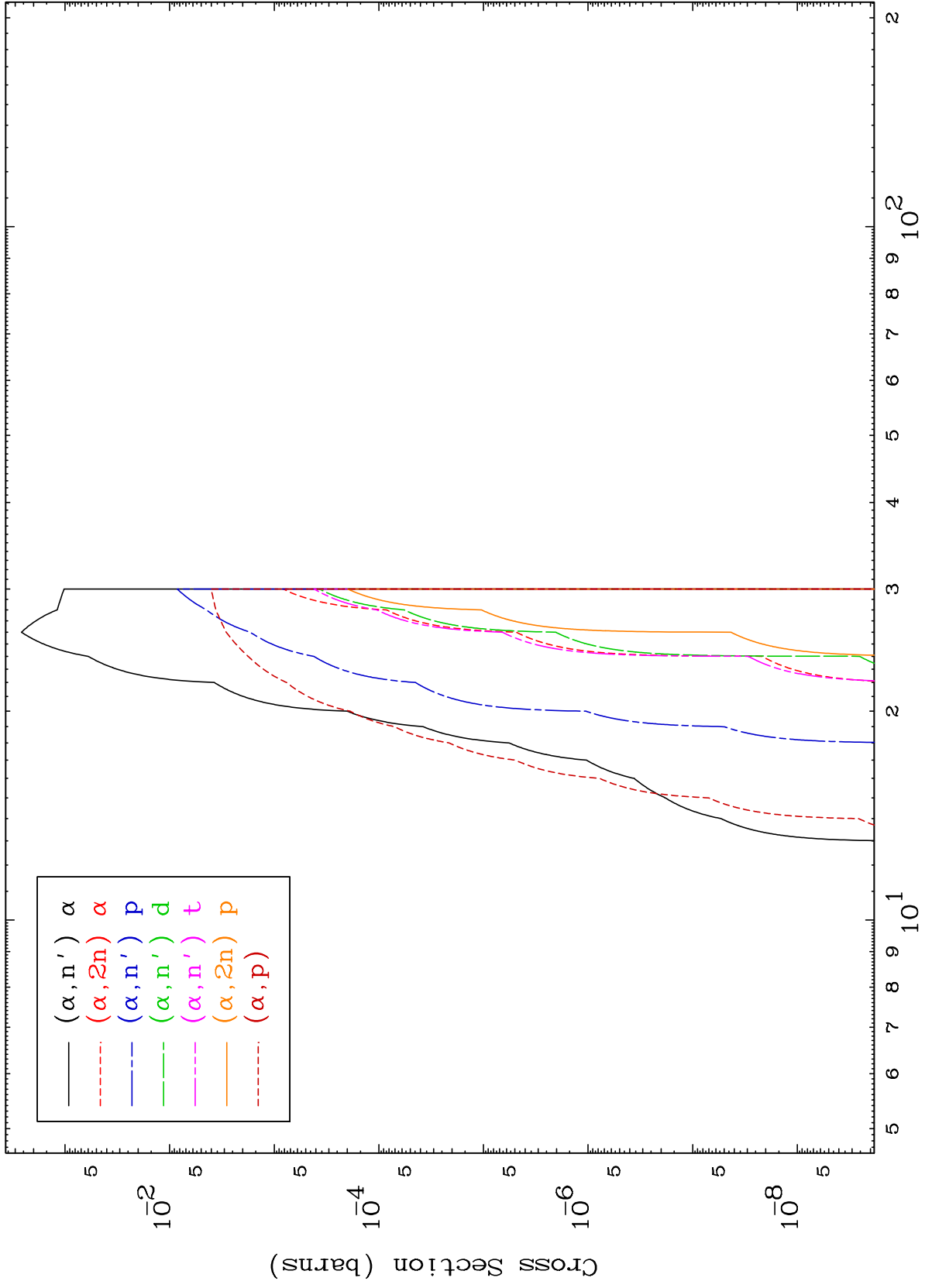
56-Ba-139

MAT 5652

α Neutron Production
0 Kelvin Cross Sections

56-Ba-139

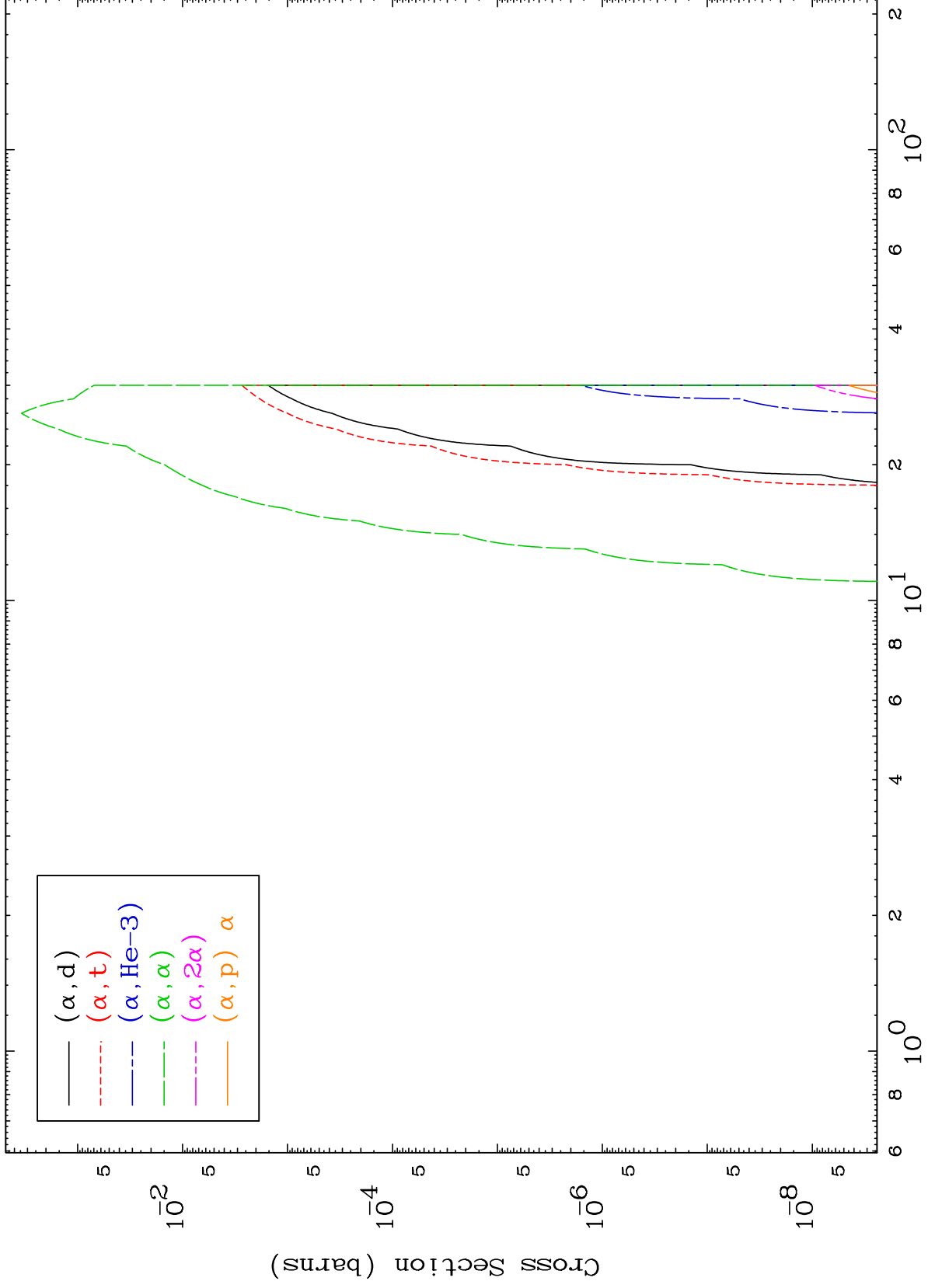




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α Charged Particle
0 Kelvin Cross Sections

56-Ba-139

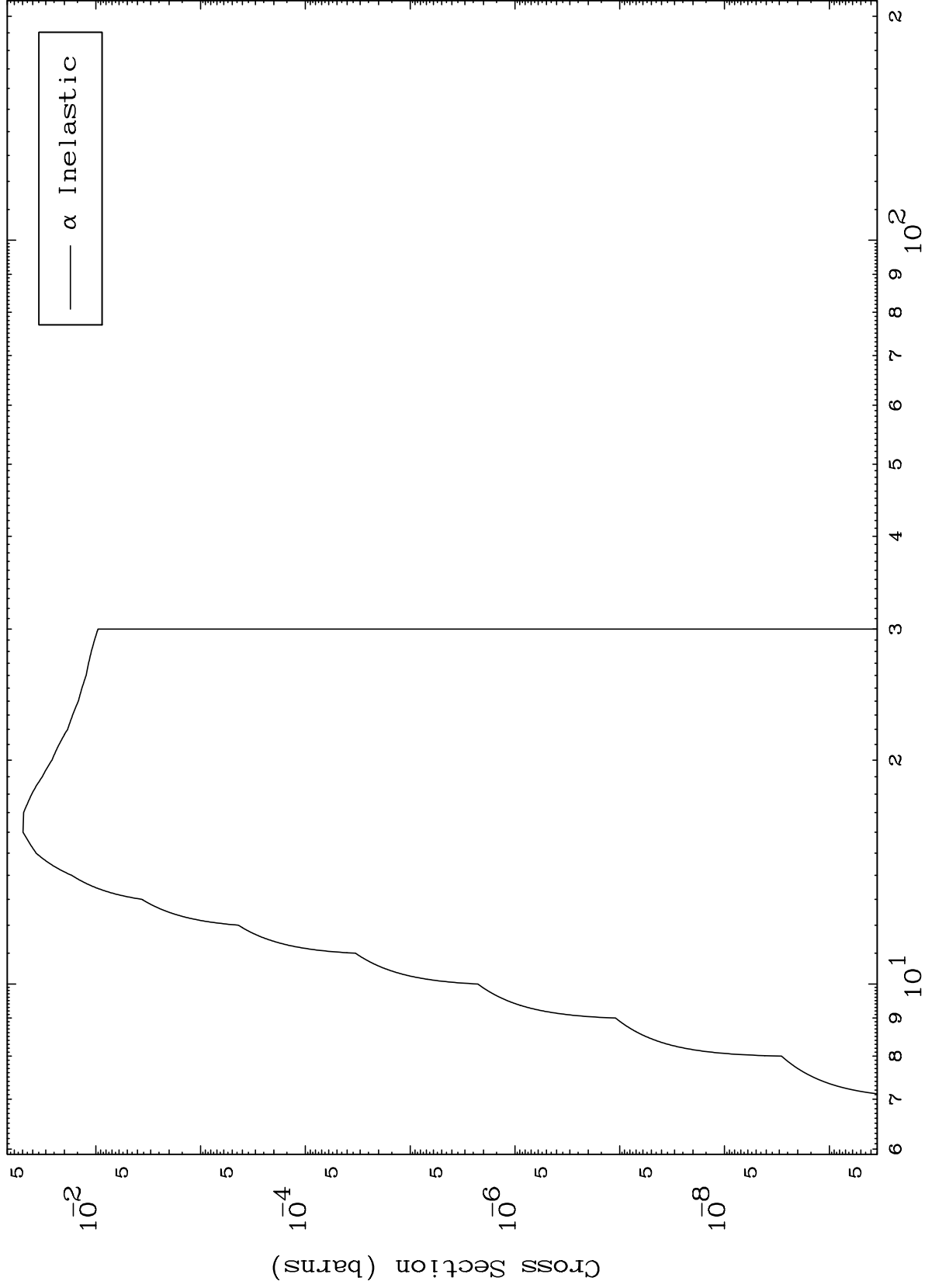


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(α, n') Level

56-Ba-139

0 Kelvin Cross Sections



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Incident Energy (MeV)

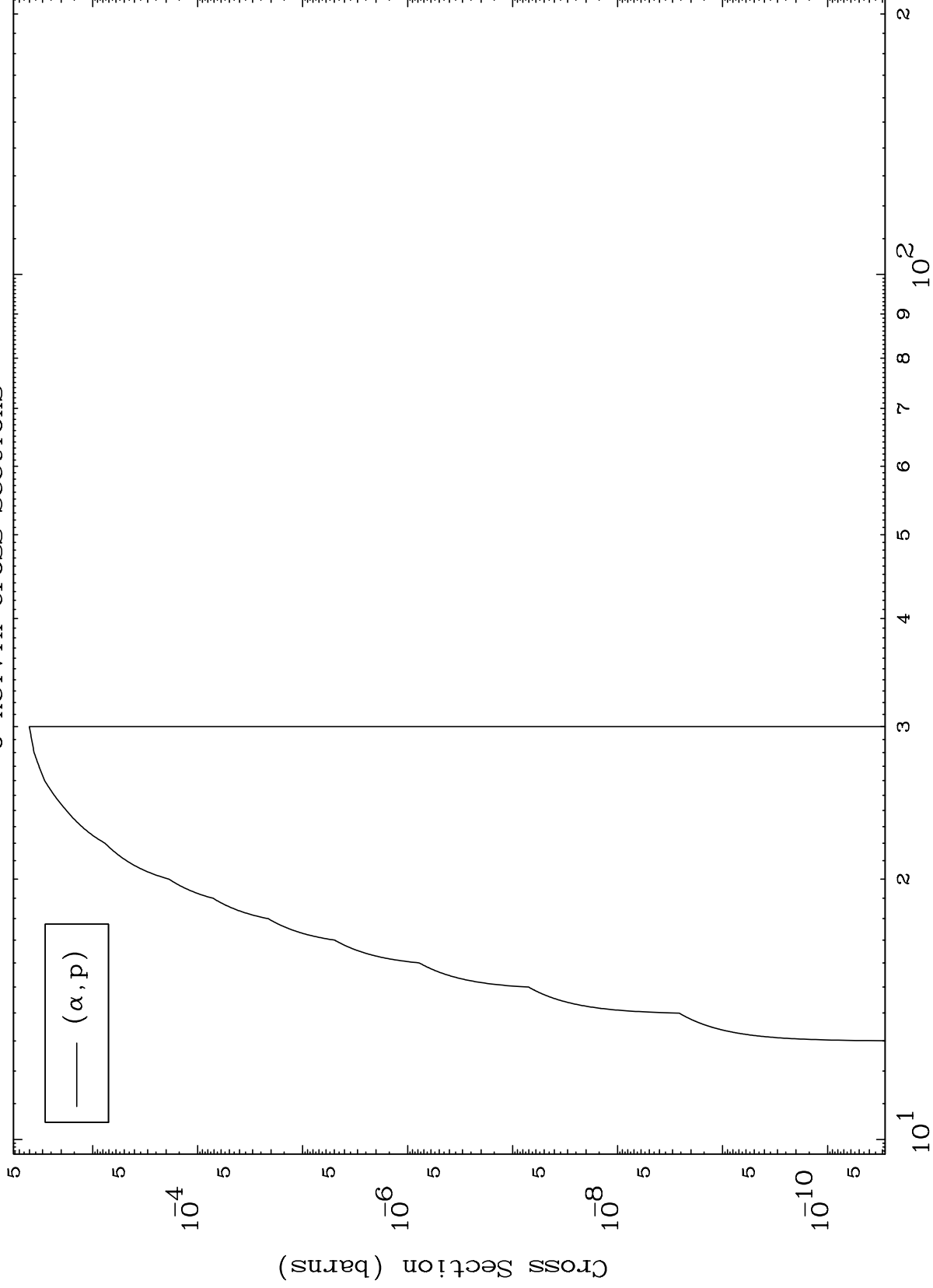
56-Ba-139

MAT 5652

(α, p) Levels

56-Ba-139

0 Kelvin Cross Sections



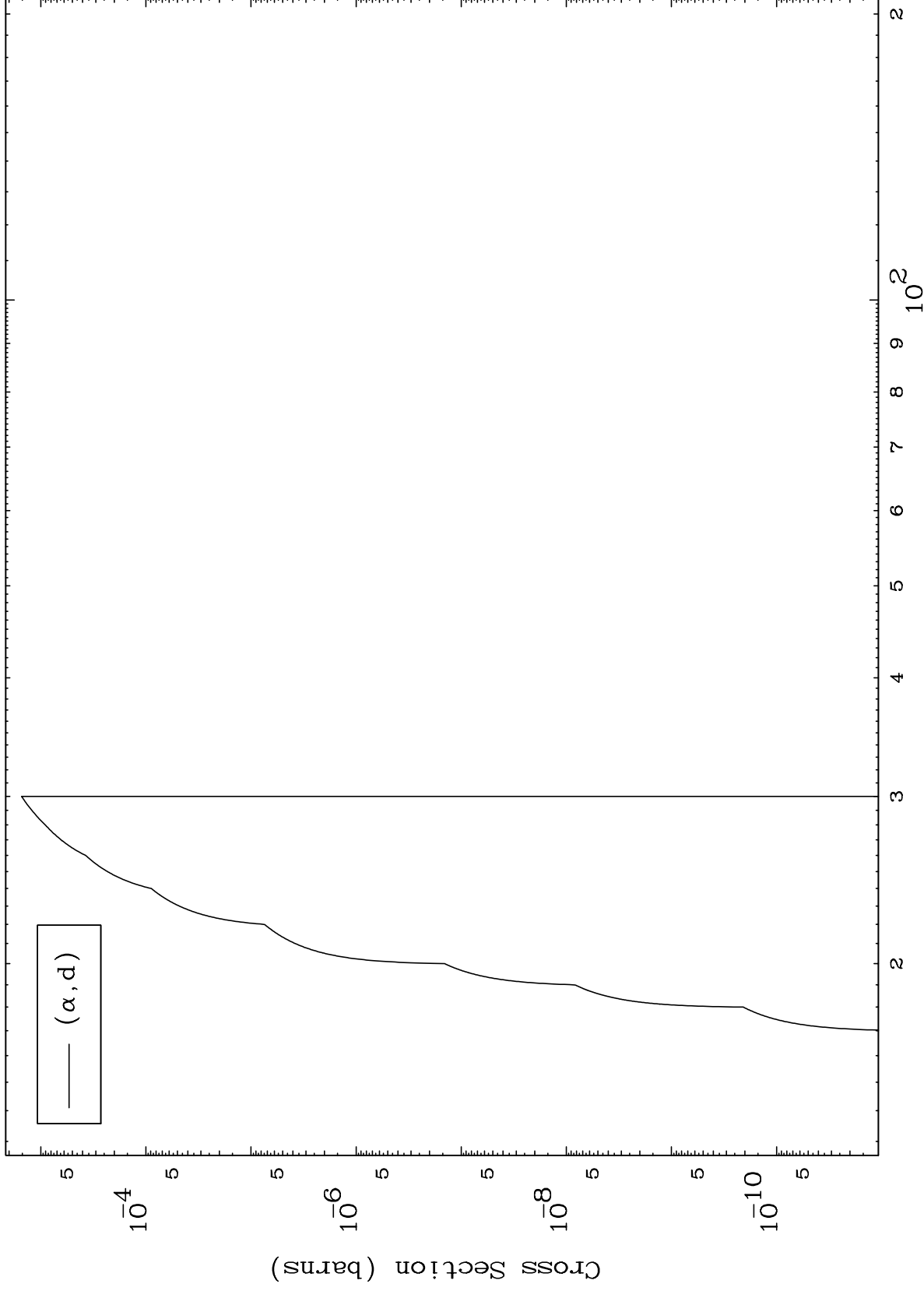
Incident Energy (MeV)

56-Ba-139

MAT 5652

(α, d) Levels
0 Kelvin Cross Sections

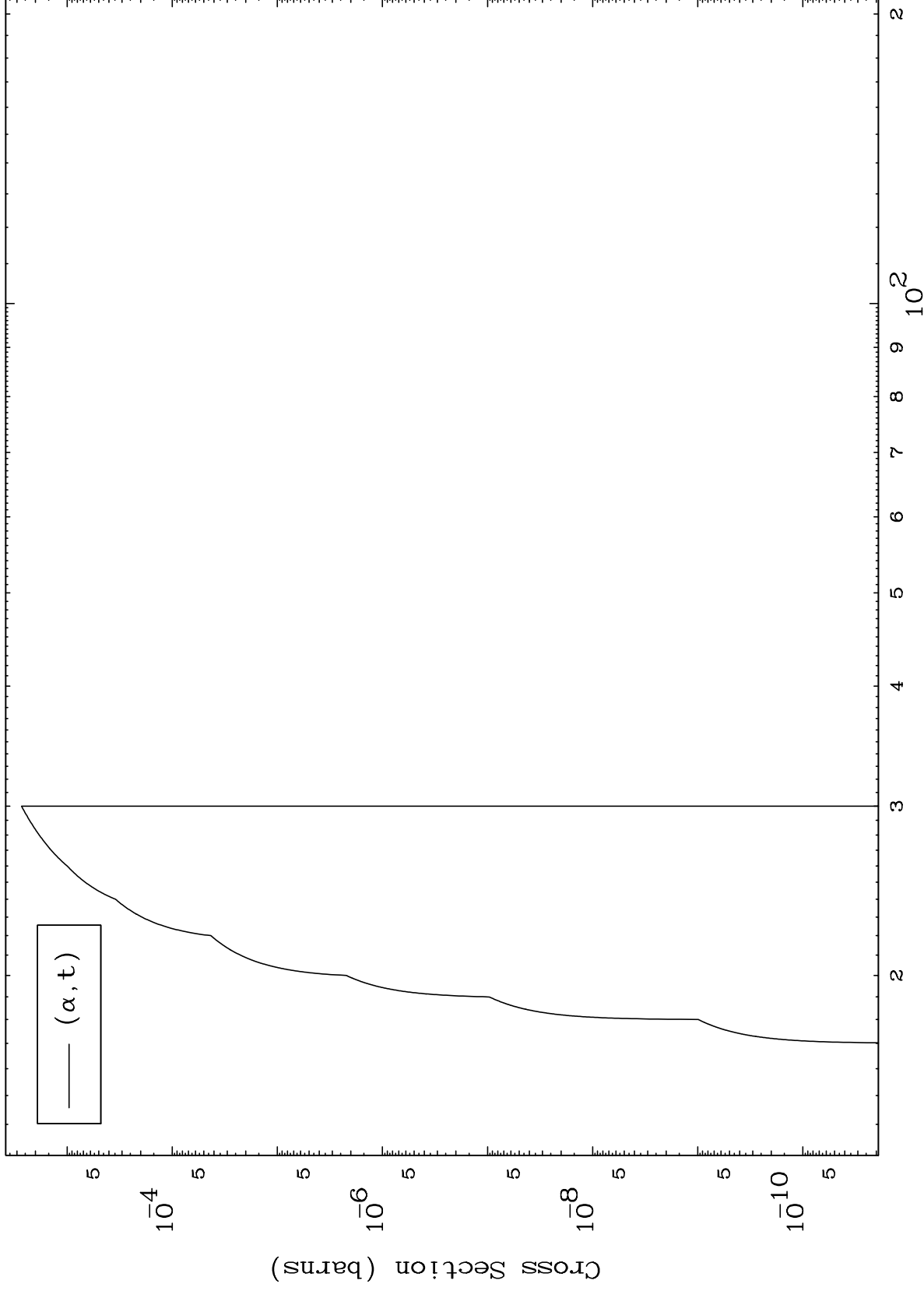
56-Ba-139



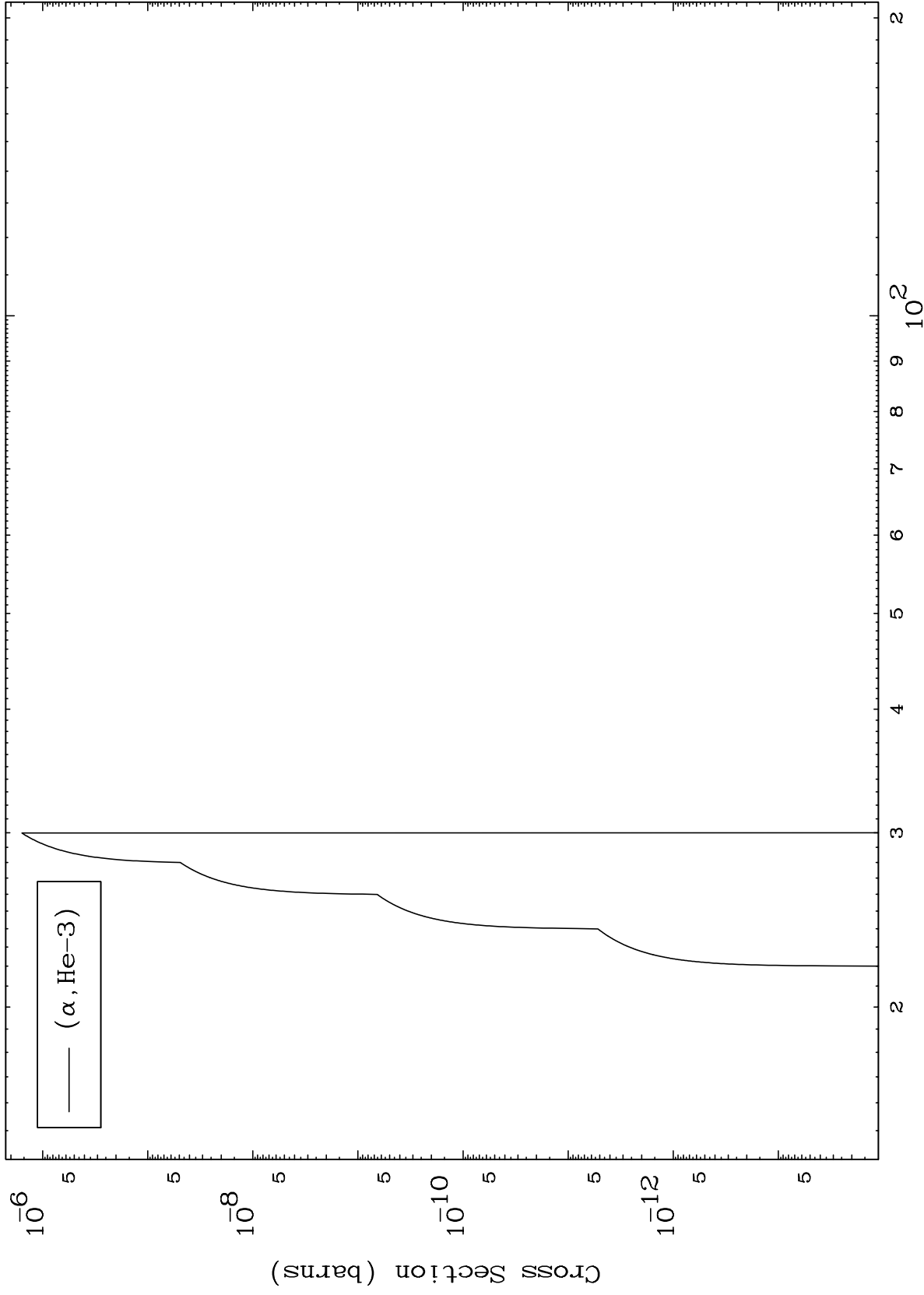
7

Incident Energy (MeV)

56-Ba-139



0 Kelvin Cross Sections

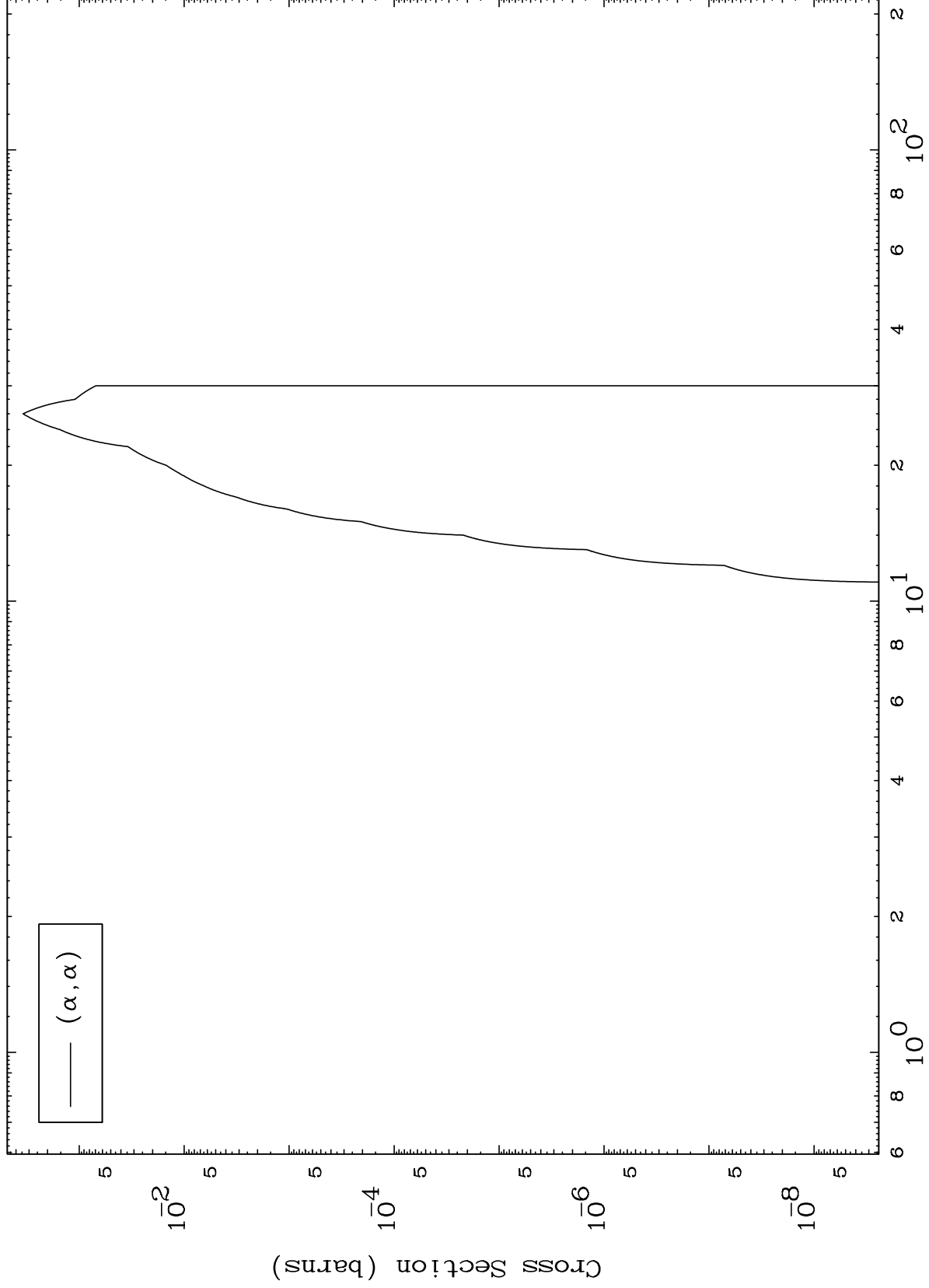


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(α, α) Levels

56-Ba-139

0 Kelvin Cross Sections



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Incident Energy (MeV)

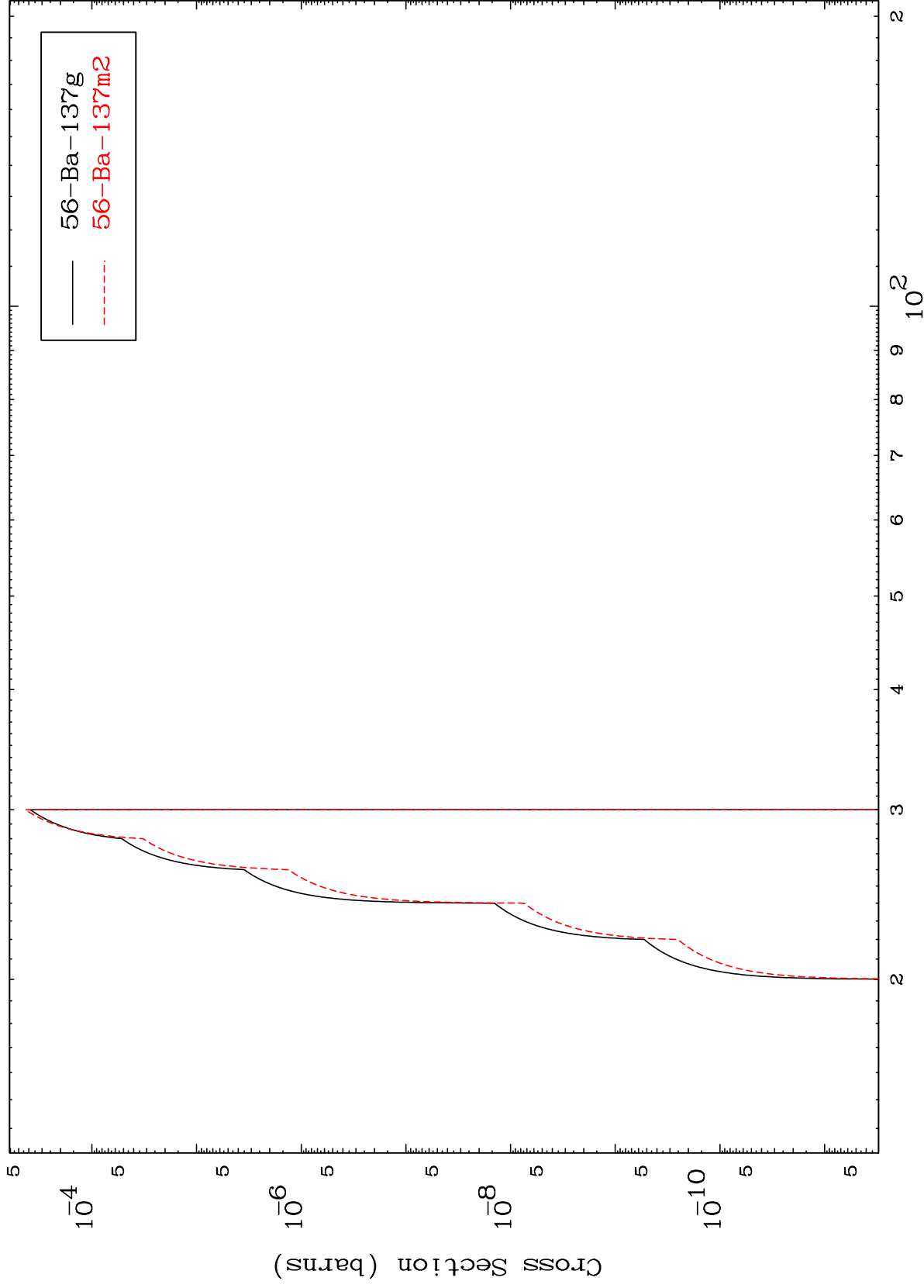
56-Ba-139

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56-Ba-139

$(\alpha, 2n) \alpha$

Radionuclide Production Cross Section



56-Ba-139

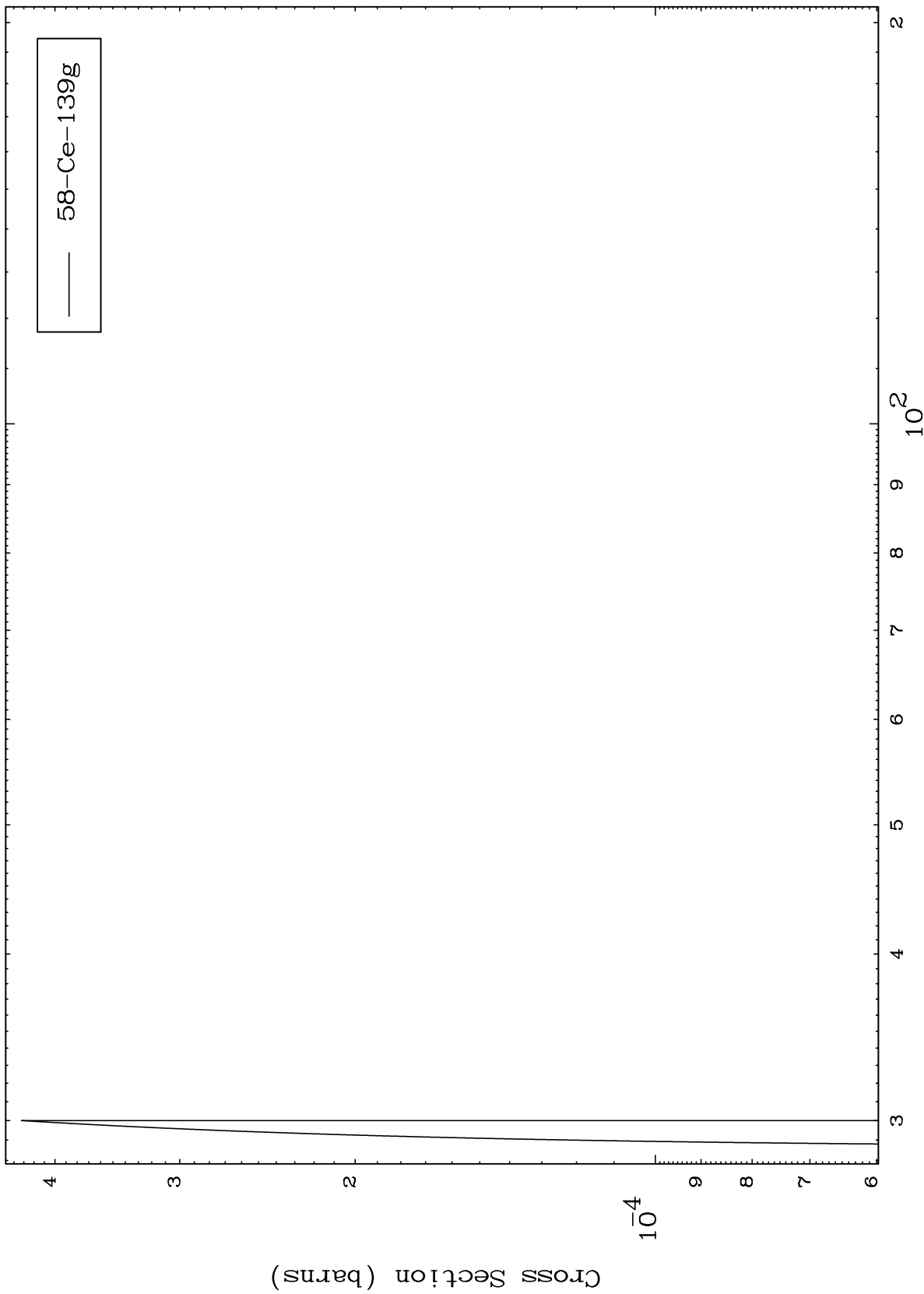
Incident Energy (MeV)

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56-Ba-139

($\alpha, 4n$)
Radionuclide Production Cross Section



56-Ba-139

Incident Energy (MeV)

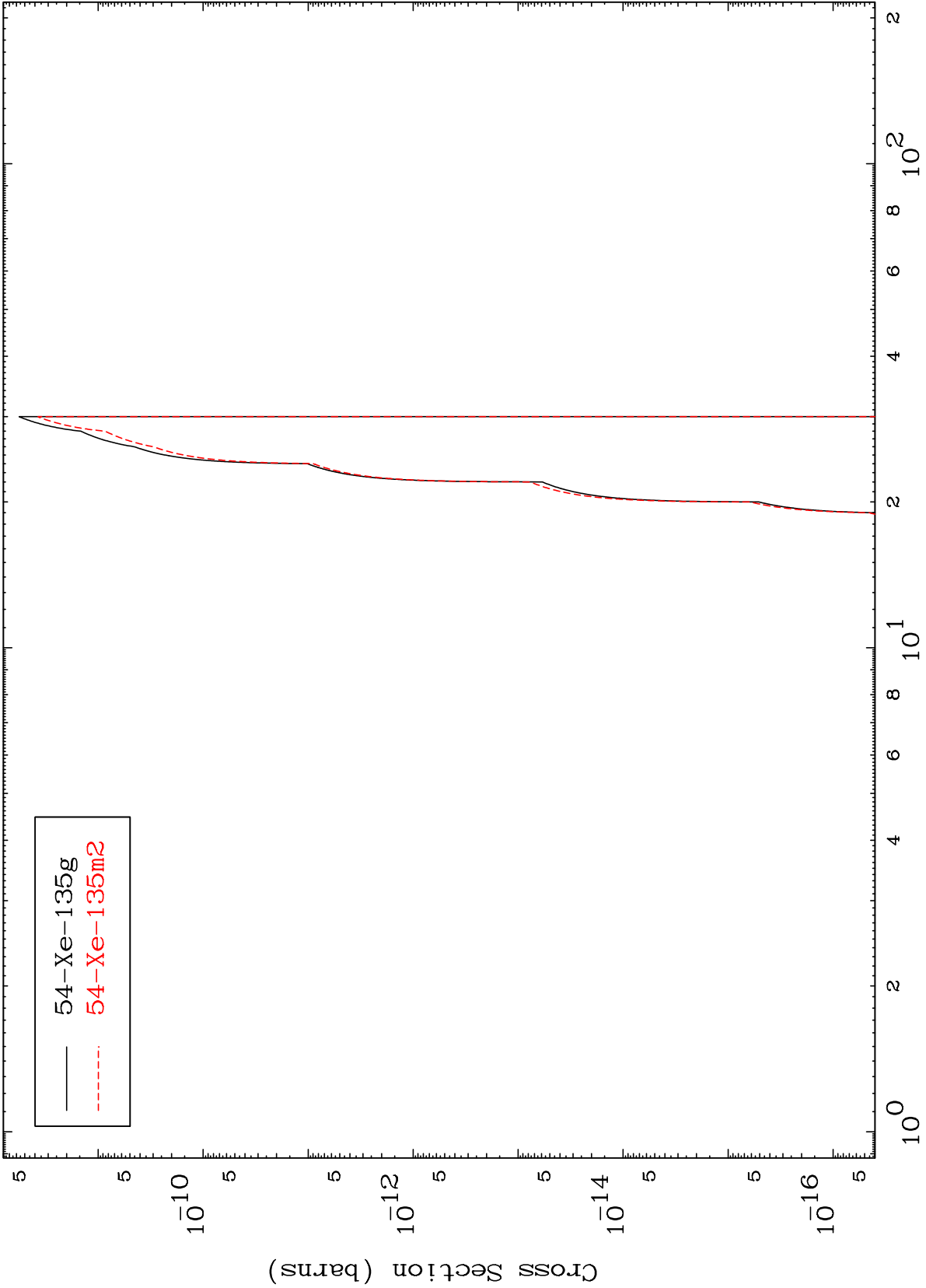
12

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($\alpha, 2\alpha$)

56-Ba-139

Radionuclide Production Cross Section



13

Incident Energy (MeV)

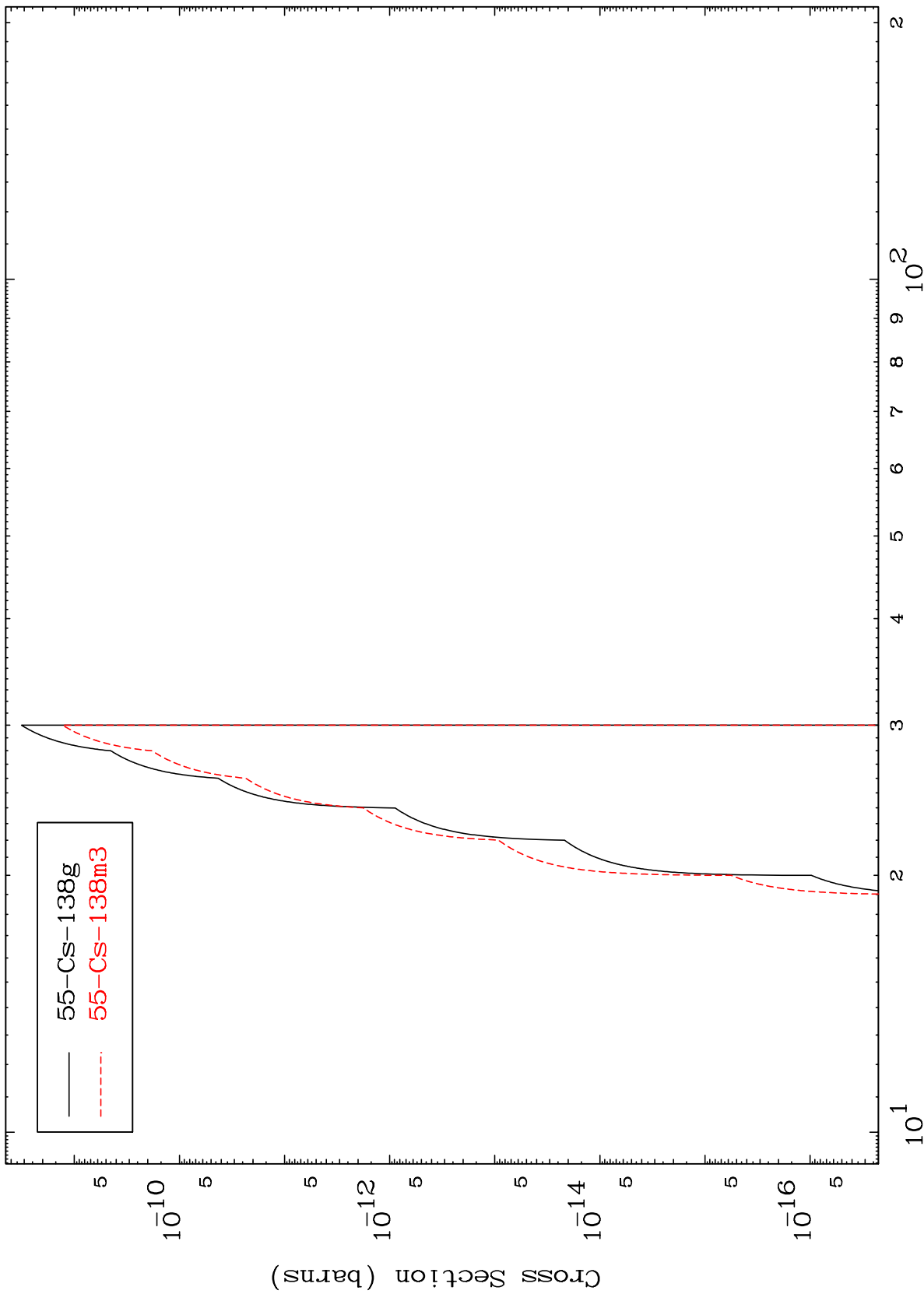
56-Ba-139

MAT 5652

(α, p) α

56-Ba-139

Radionuclide Production Cross Section



Incident Energy (MeV)

56-Ba-139

14