

Program EVALPLOT
(Version 2018-1)

by

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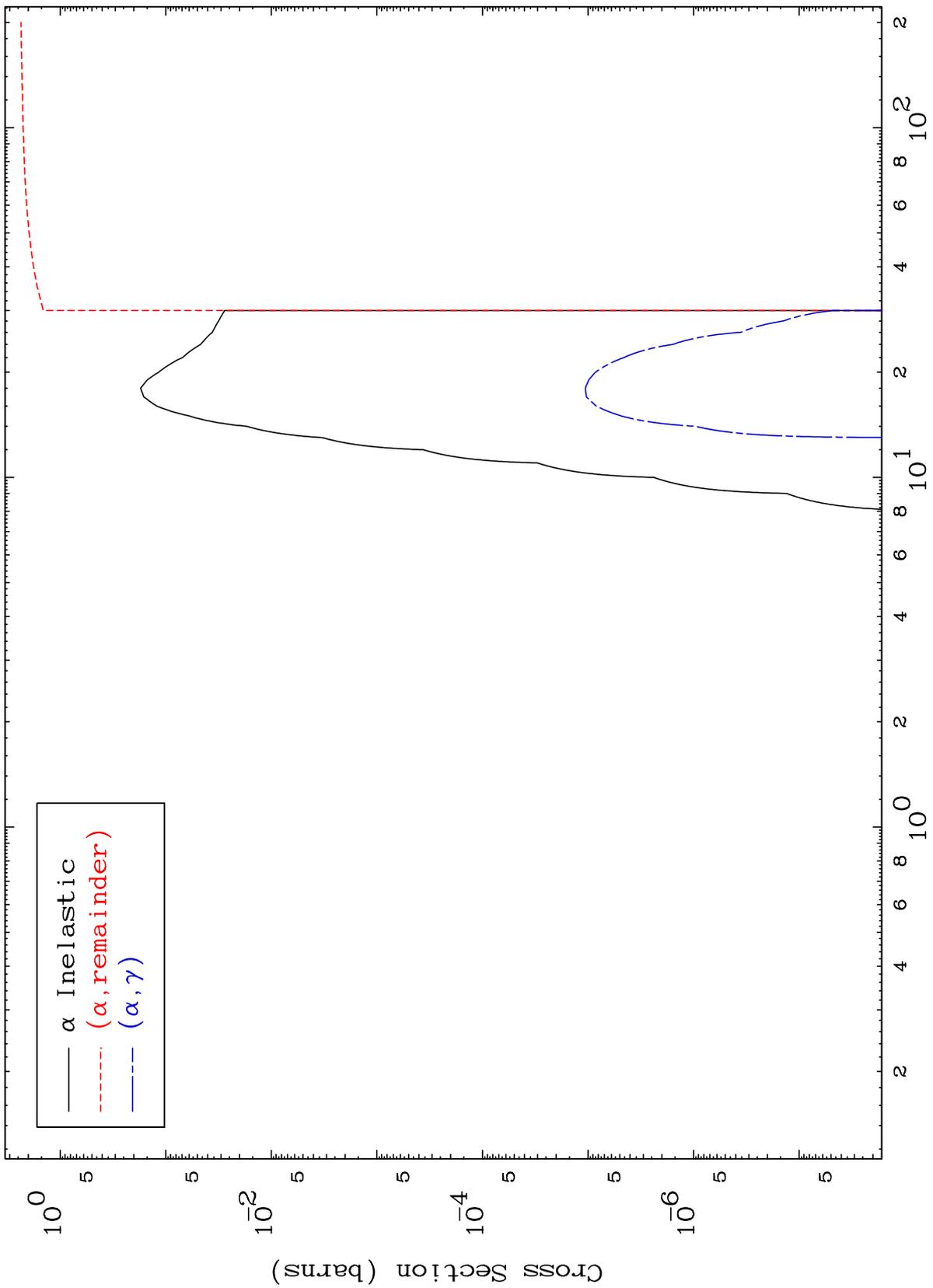
Press Mouse Button to Start

MAT 5647

α Major

56-Ba-137

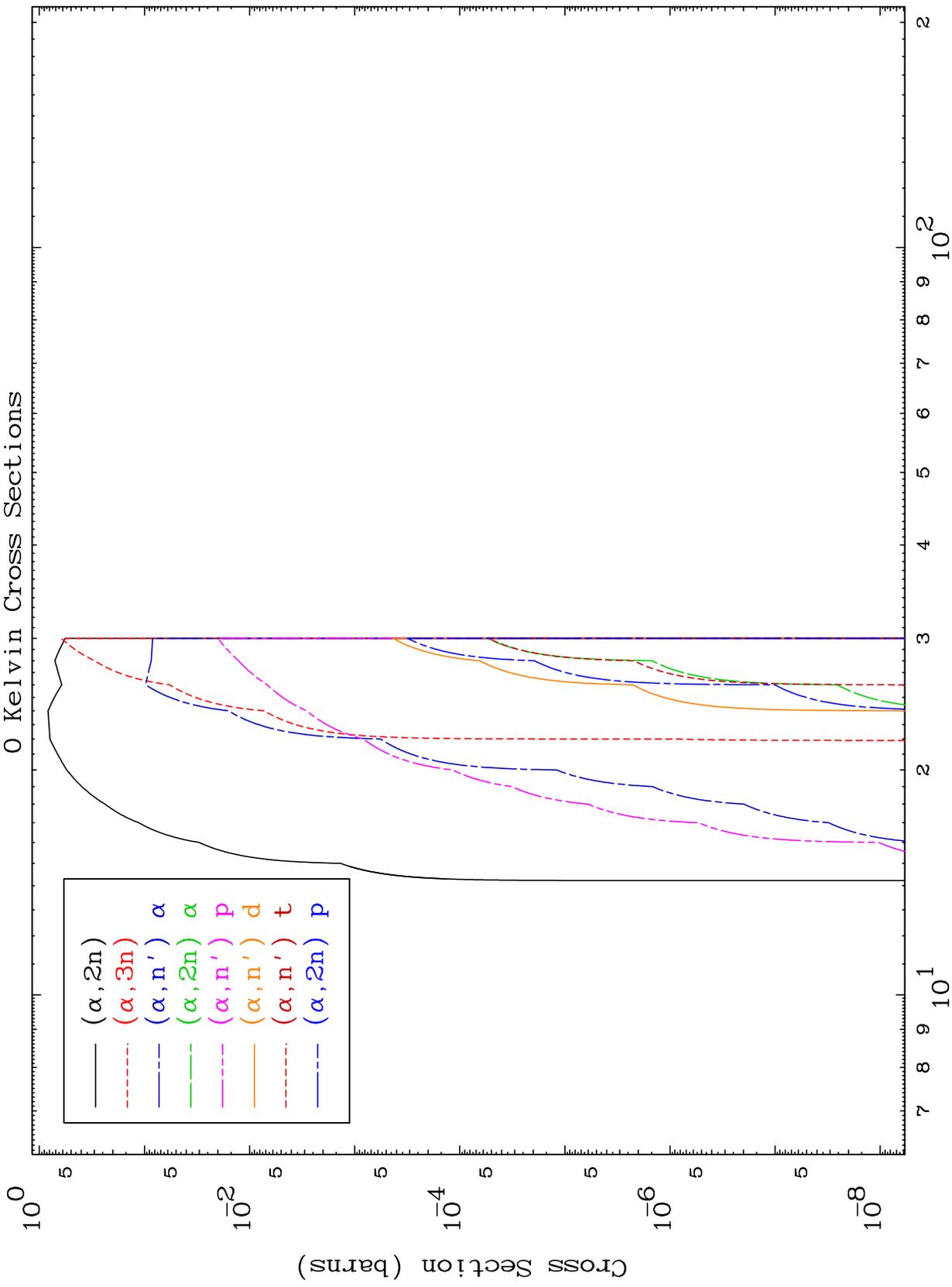
0 Kelvin Cross Sections



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α Neutron Production
0 Kelvin Cross Sections

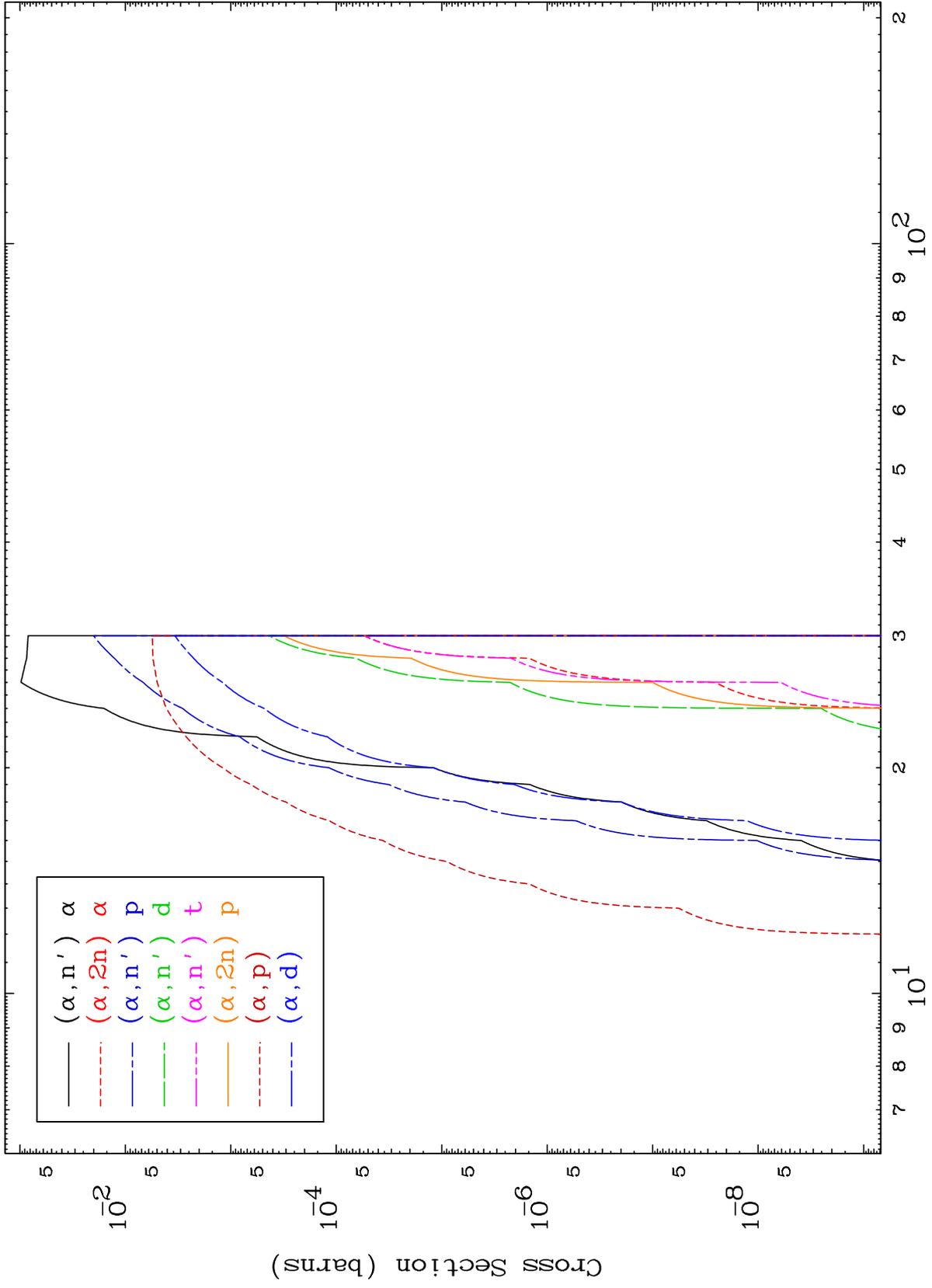
56-Ba-137



Incident Energy (MeV)

56-Ba-137

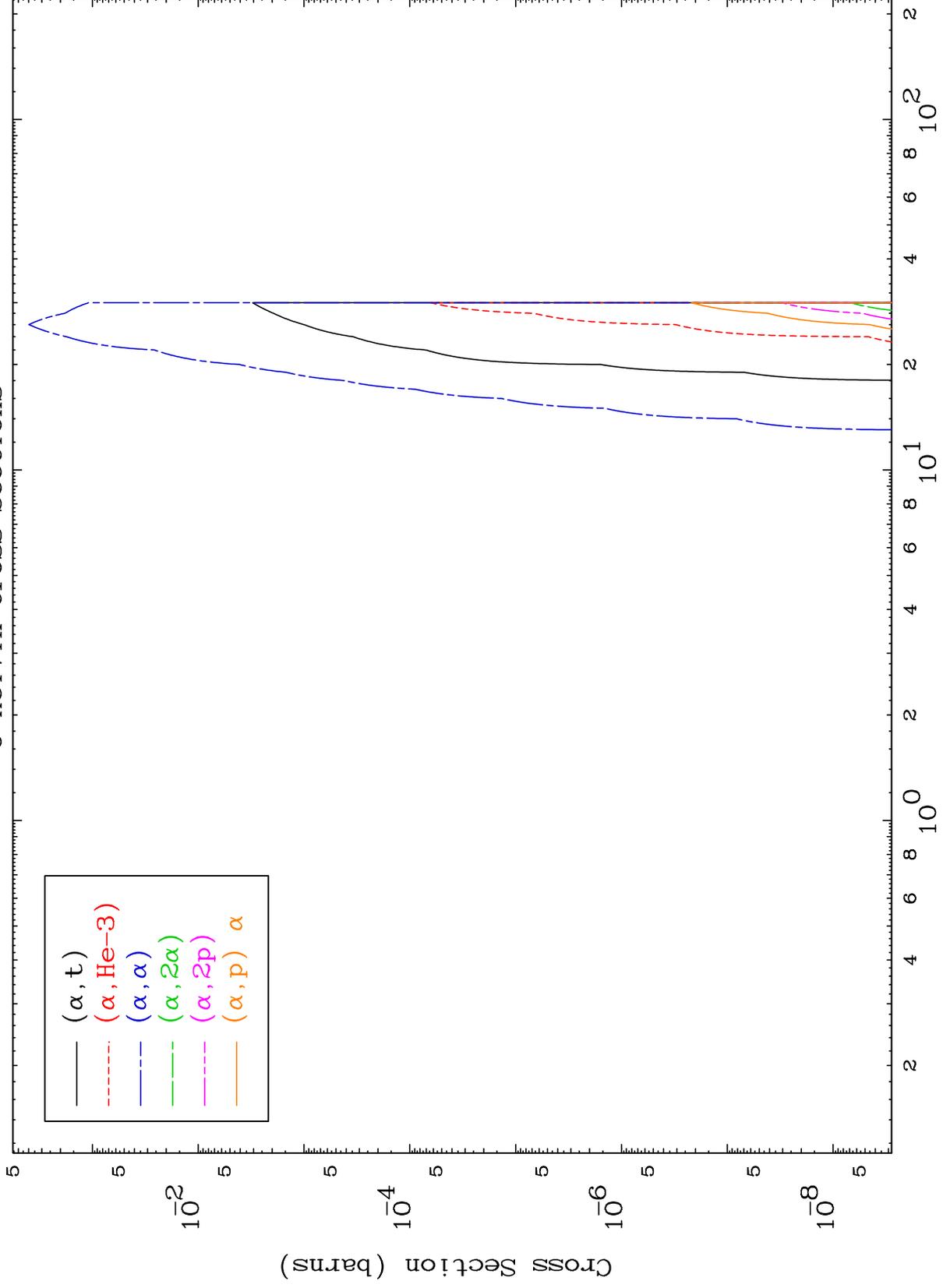
2



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α Charged Particle
0 Kelvin Cross Sections

56-Ba-137

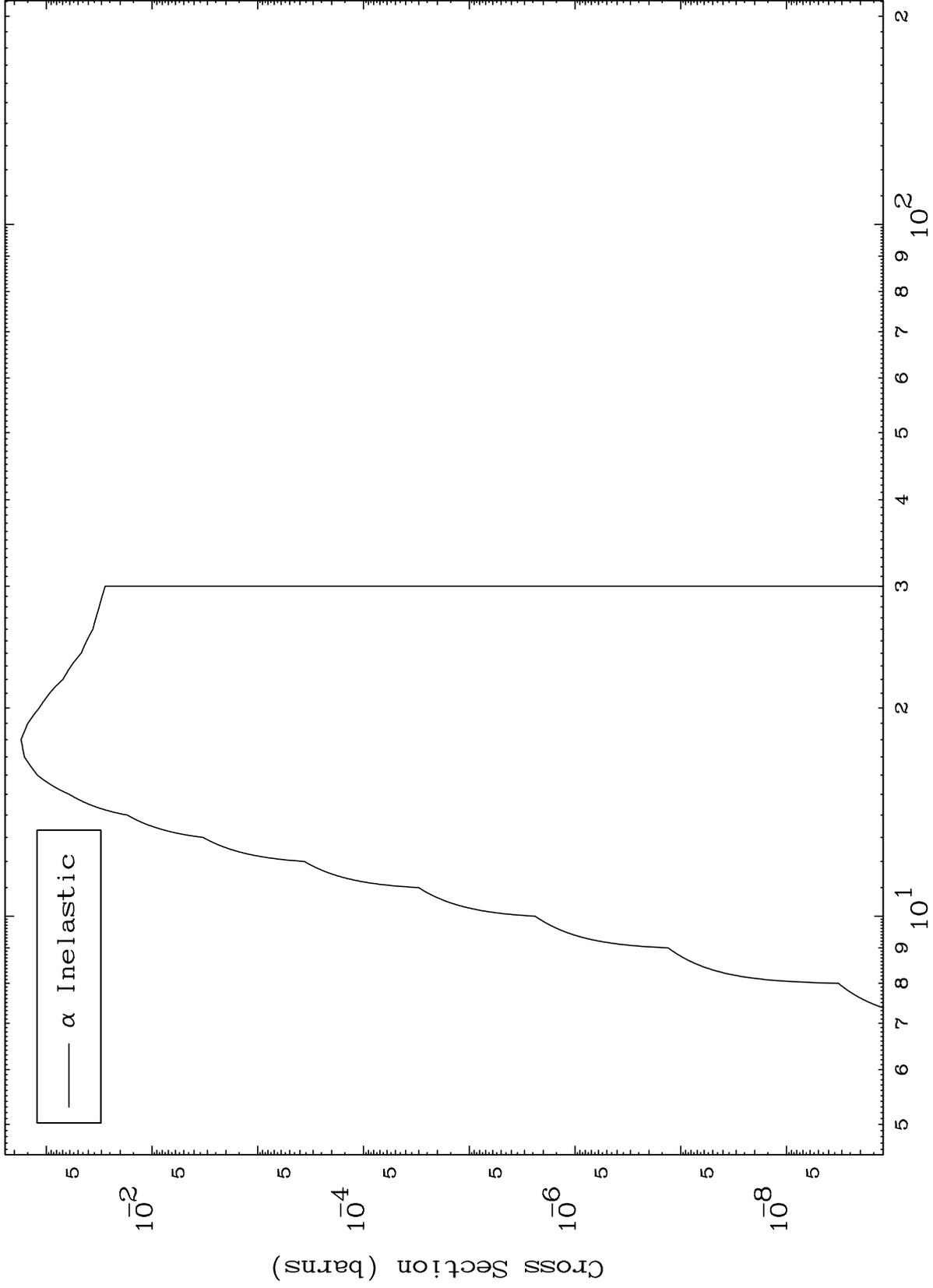


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(α, n') Level

56-Ba-137

0 Kelvin Cross Sections



α Inelastic

5

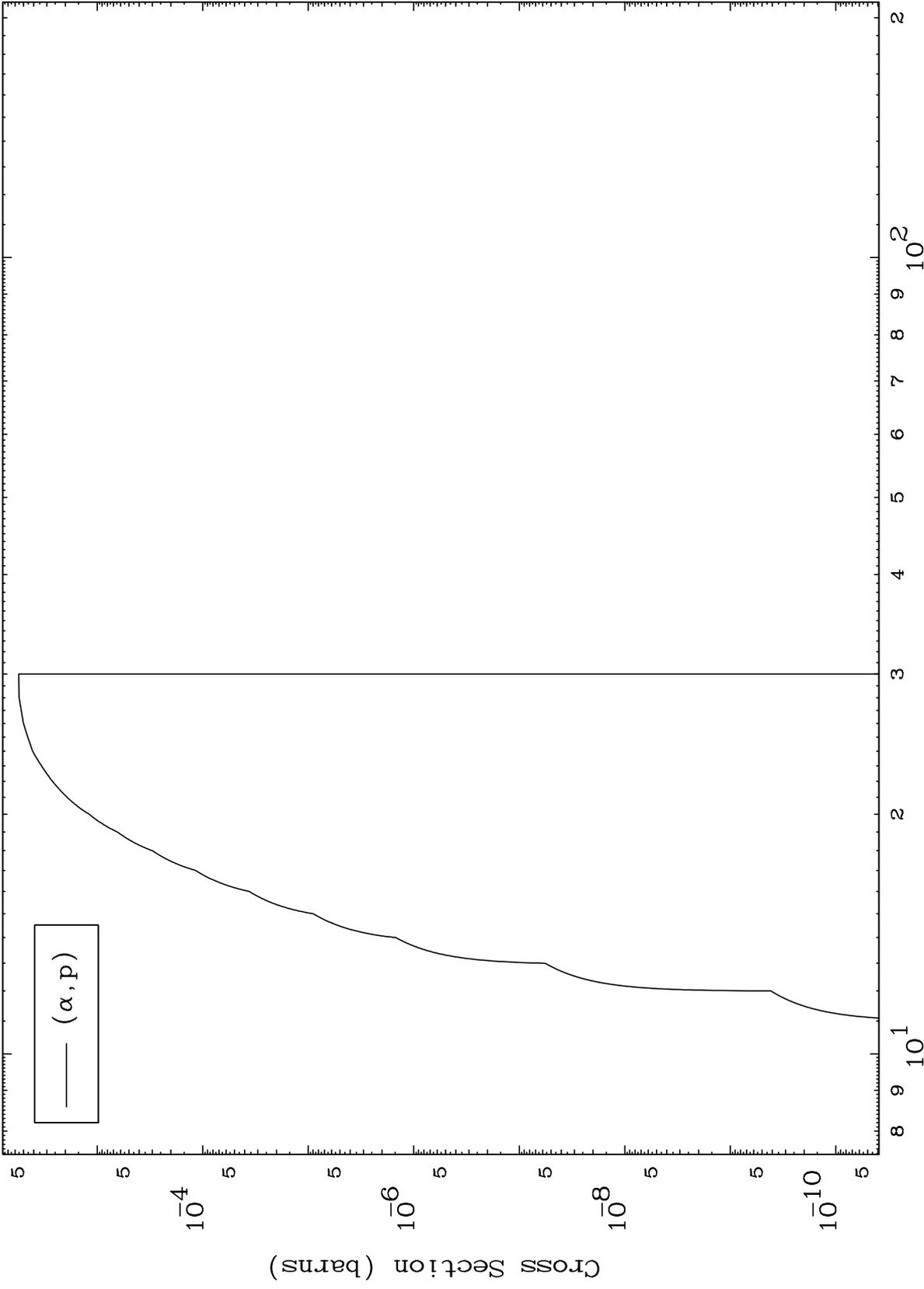
Incident Energy (MeV)

56-Ba-137

MAT 5647

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-137



Incident Energy (MeV)

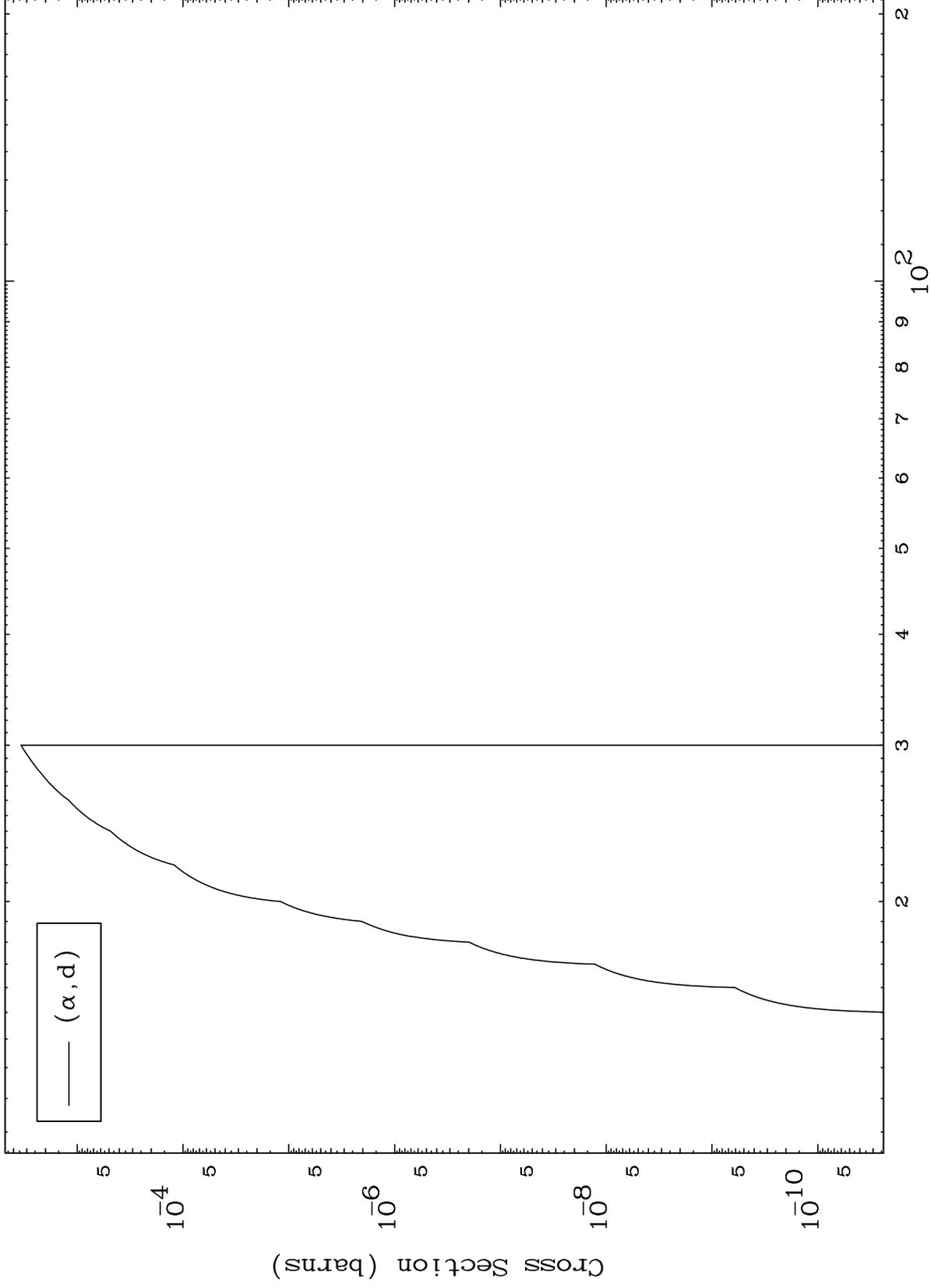
56-Ba-137

6

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(α, d) Levels
0 Kelvin Cross Sections

56-Ba-137



7

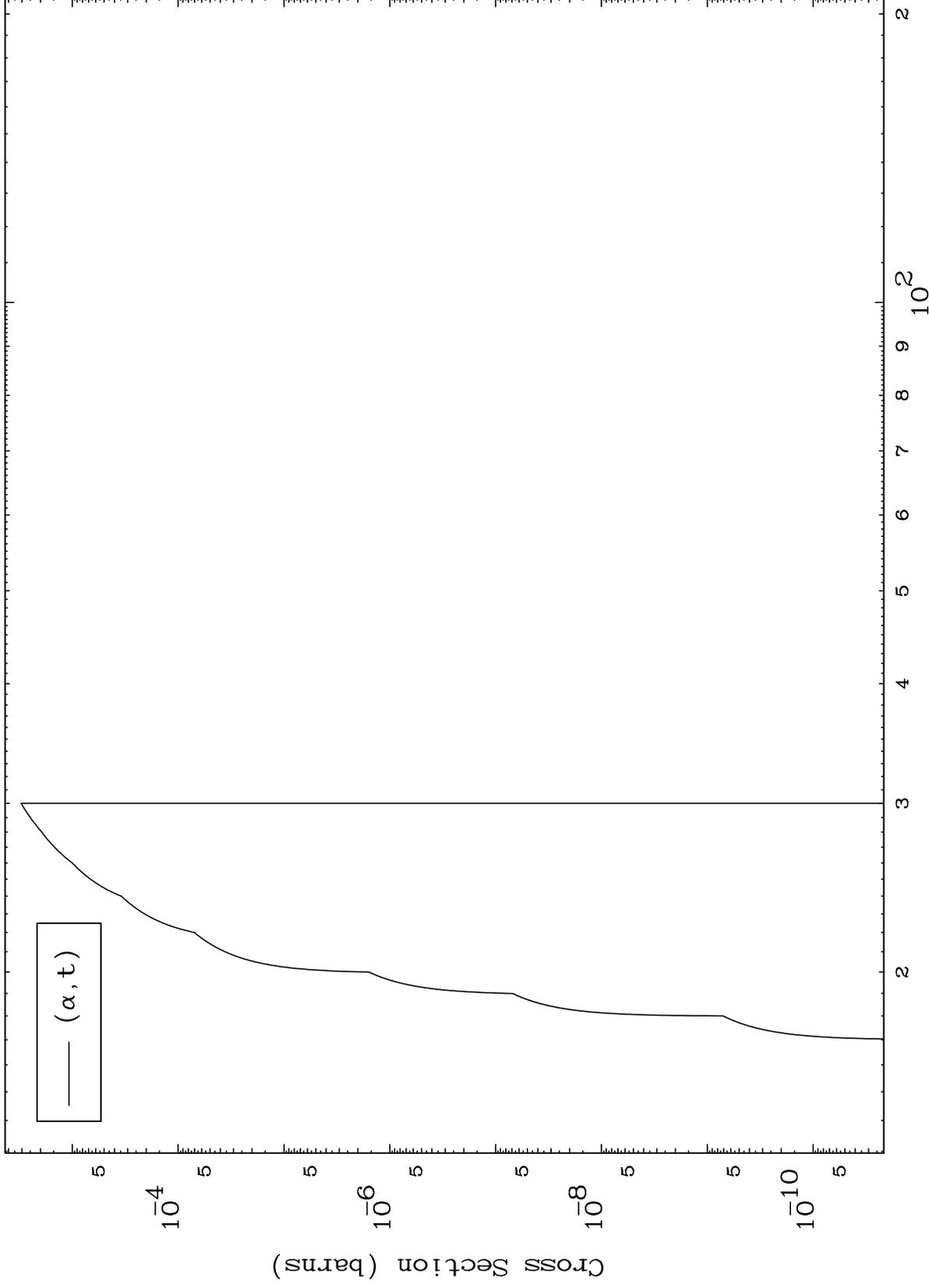
Incident Energy (MeV)

56-Ba-137

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(α, t) Levels
0 Kelvin Cross Sections

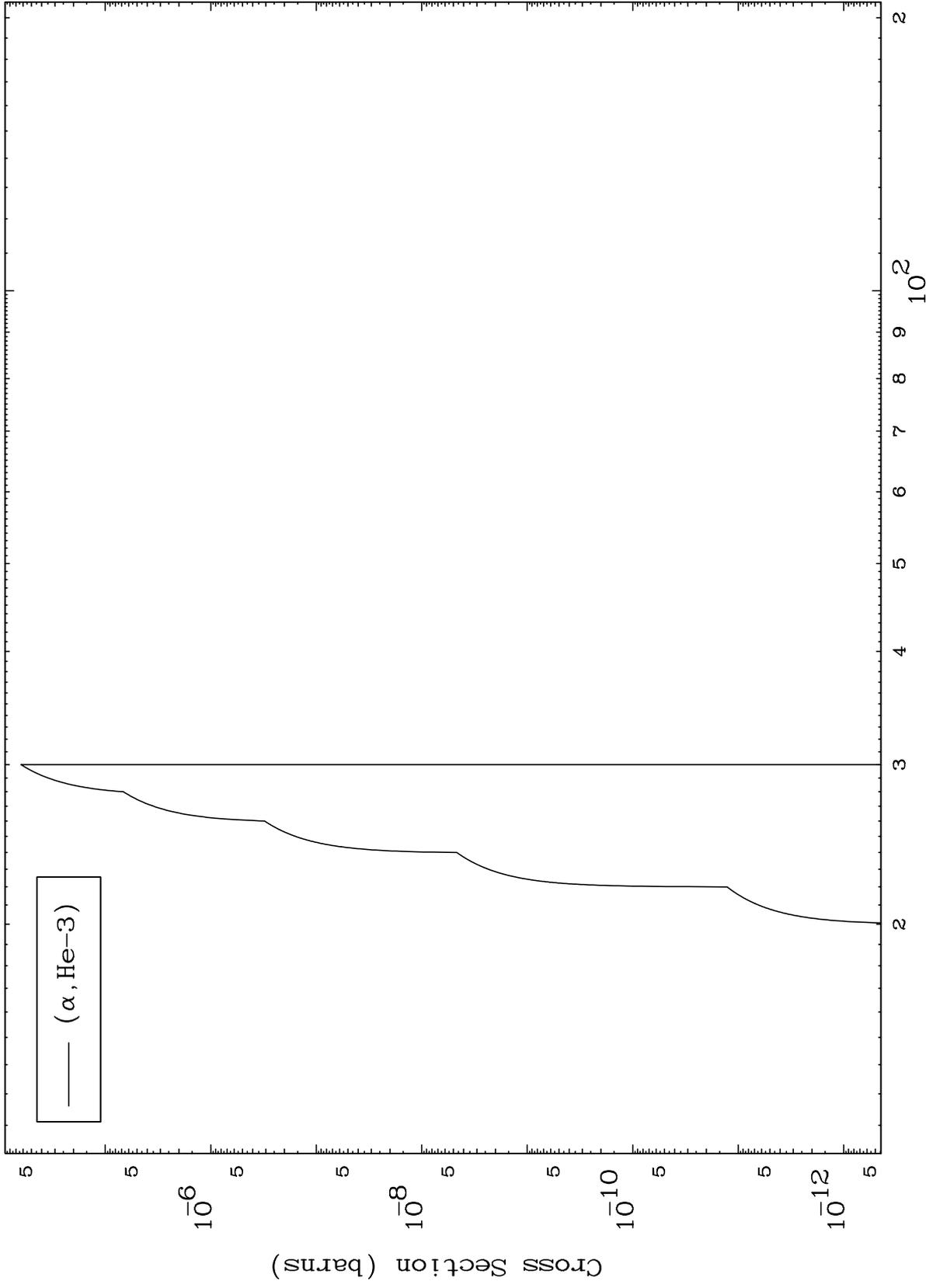
56-Ba-137



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(α , He3) Levels
0 Kelvin Cross Sections

56-Ba-137

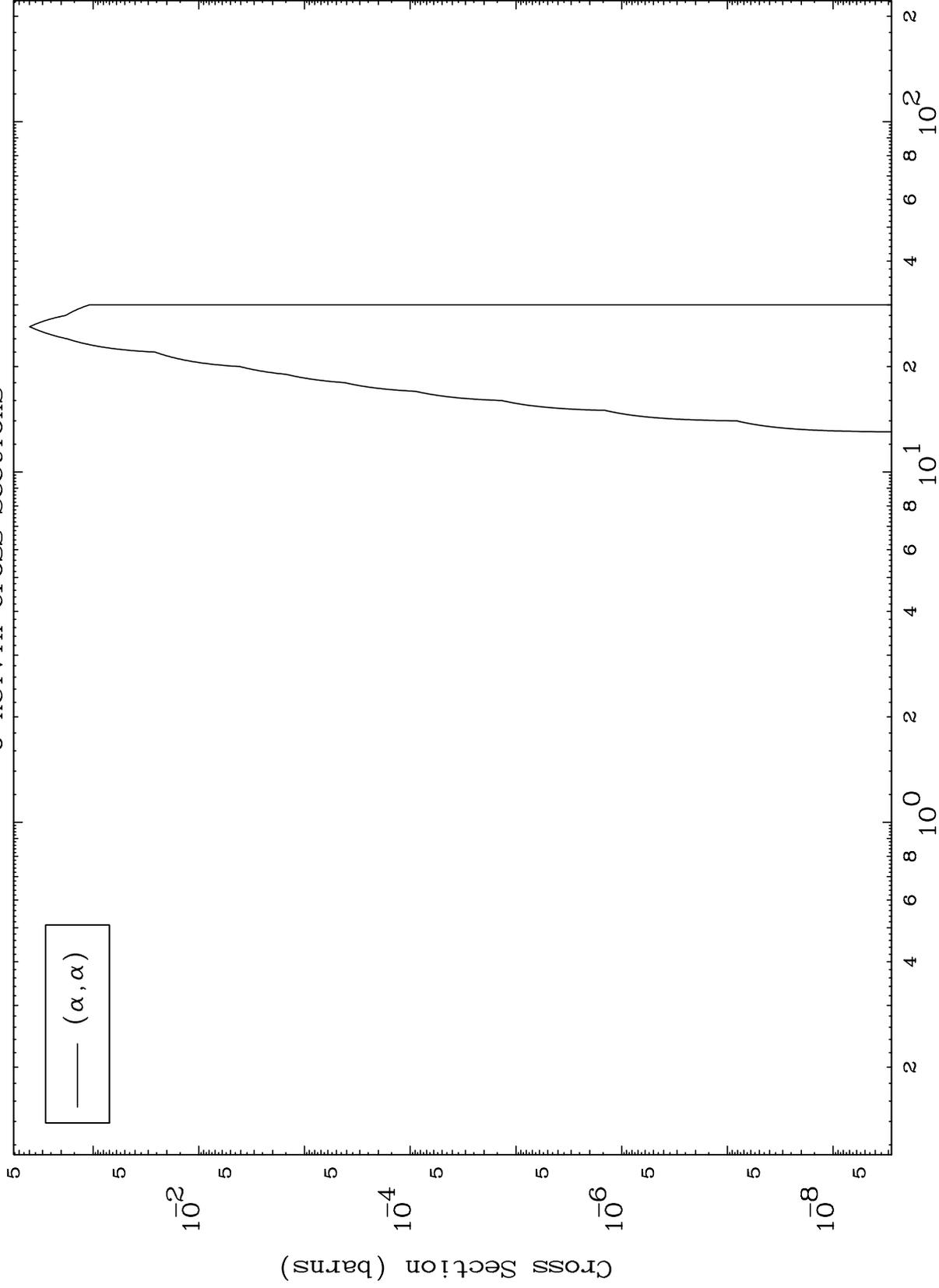


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(α, α) Levels

56-Ba-137

0 Kelvin Cross Sections



10

Incident Energy (MeV)

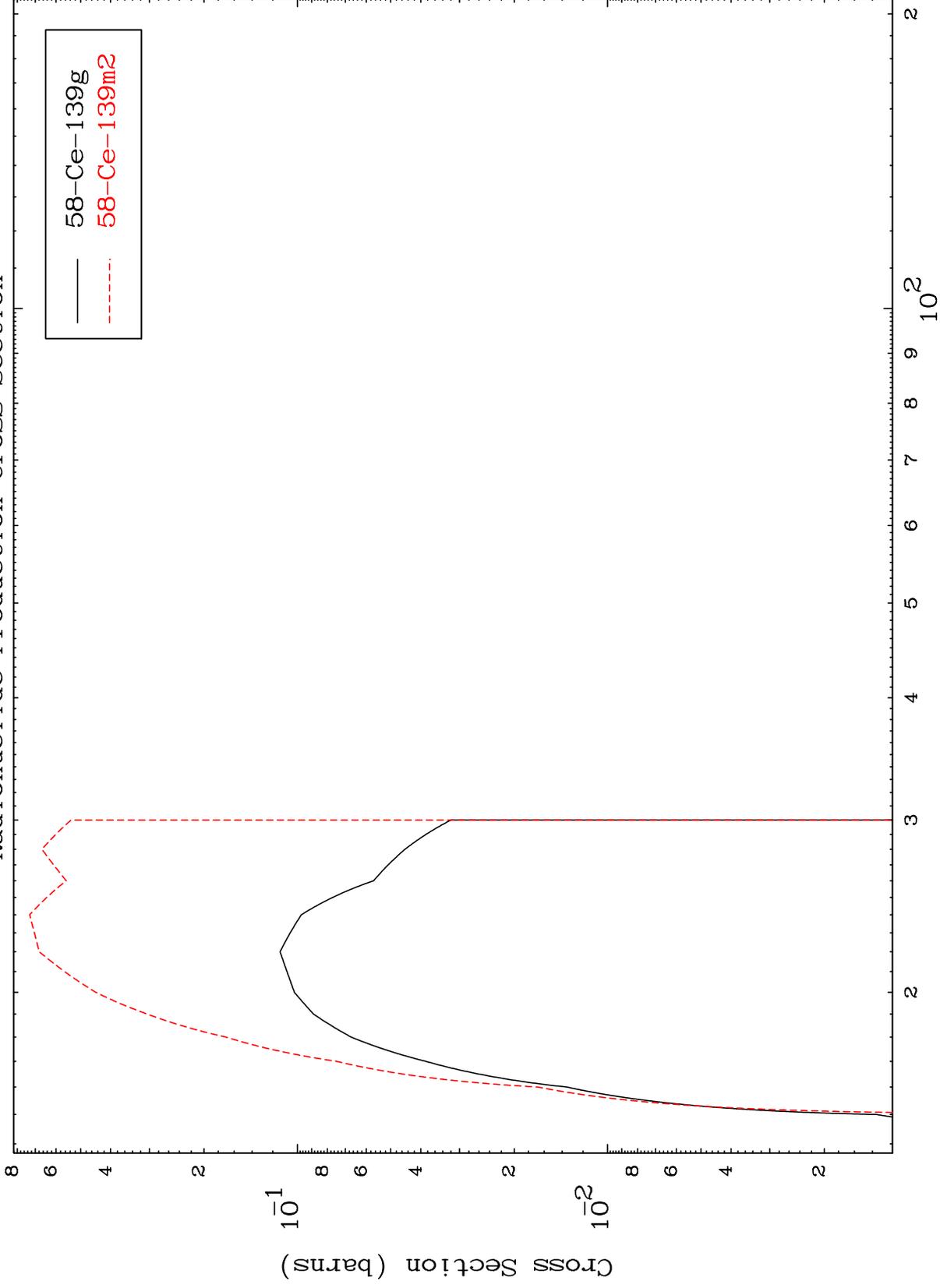
56-Ba-137

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($\alpha, 2n$)

56-Ba-137

Radionuclide Production Cross Section

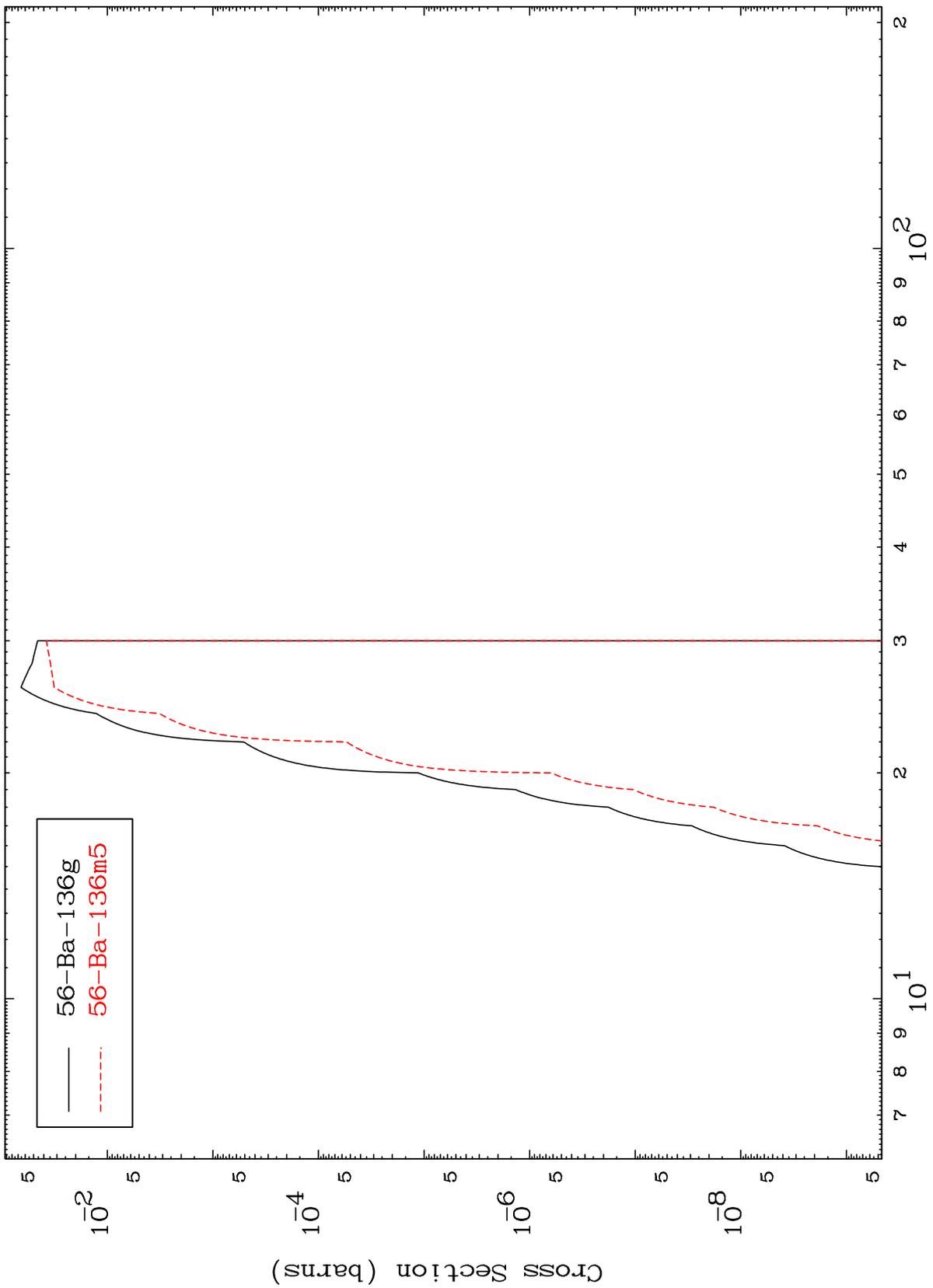


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56-Ba-137

(α, n') α

Radionuclide Production Cross Section



12

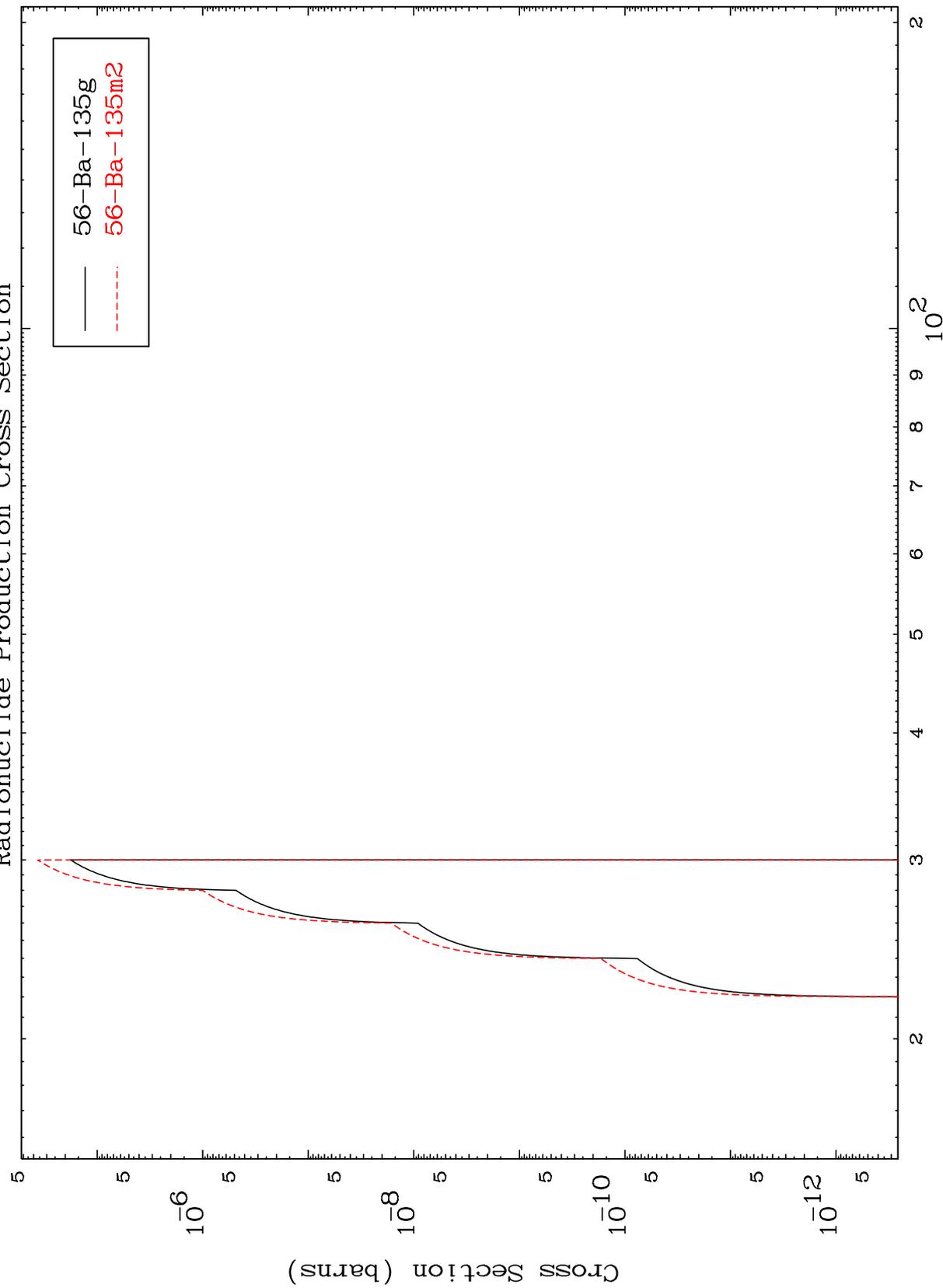
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

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



13

56-Ba-137

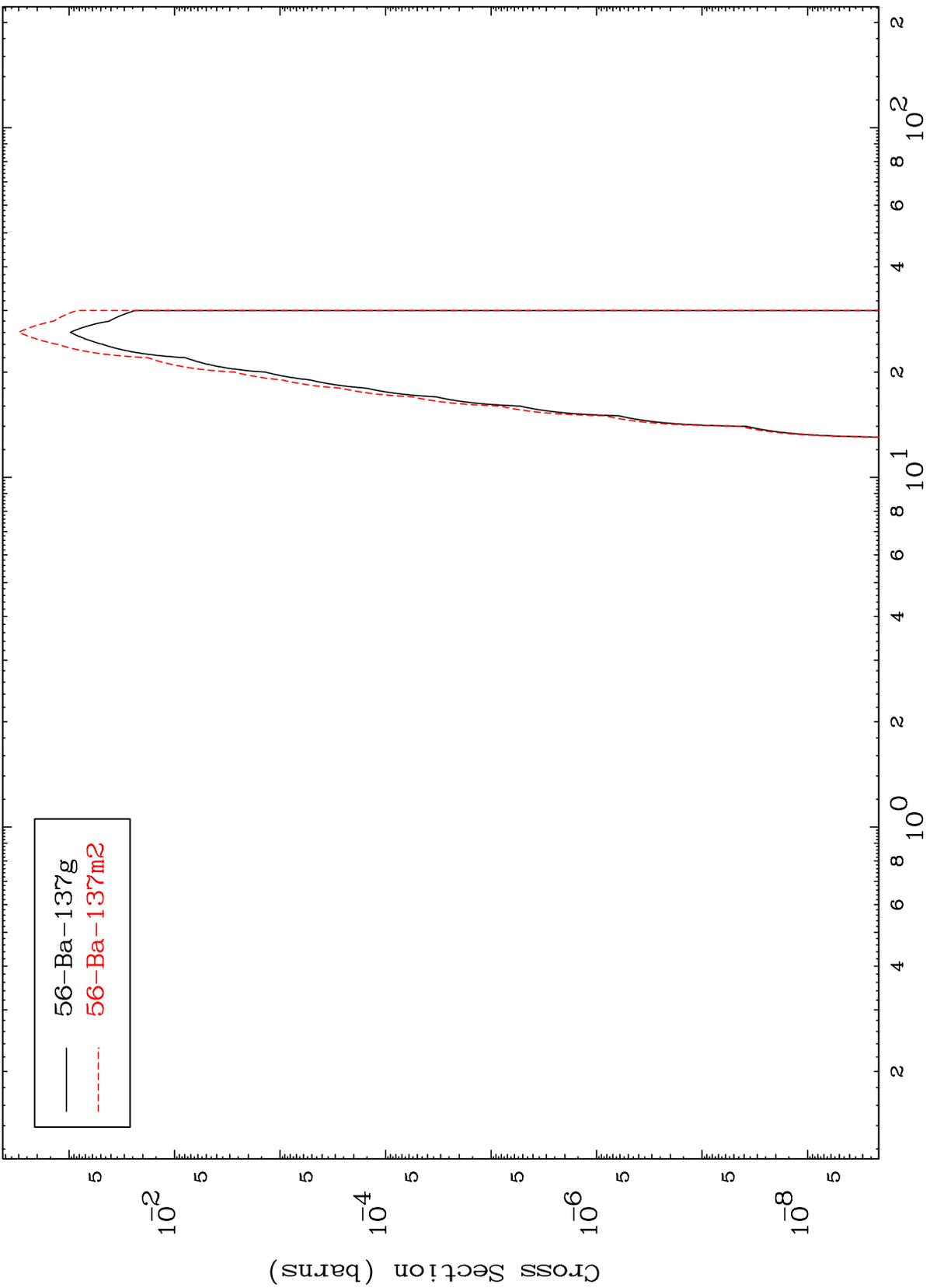
Incident Energy (MeV)

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56-Ba-137

(α, α)

Radionuclide Production Cross Section



56-Ba-137

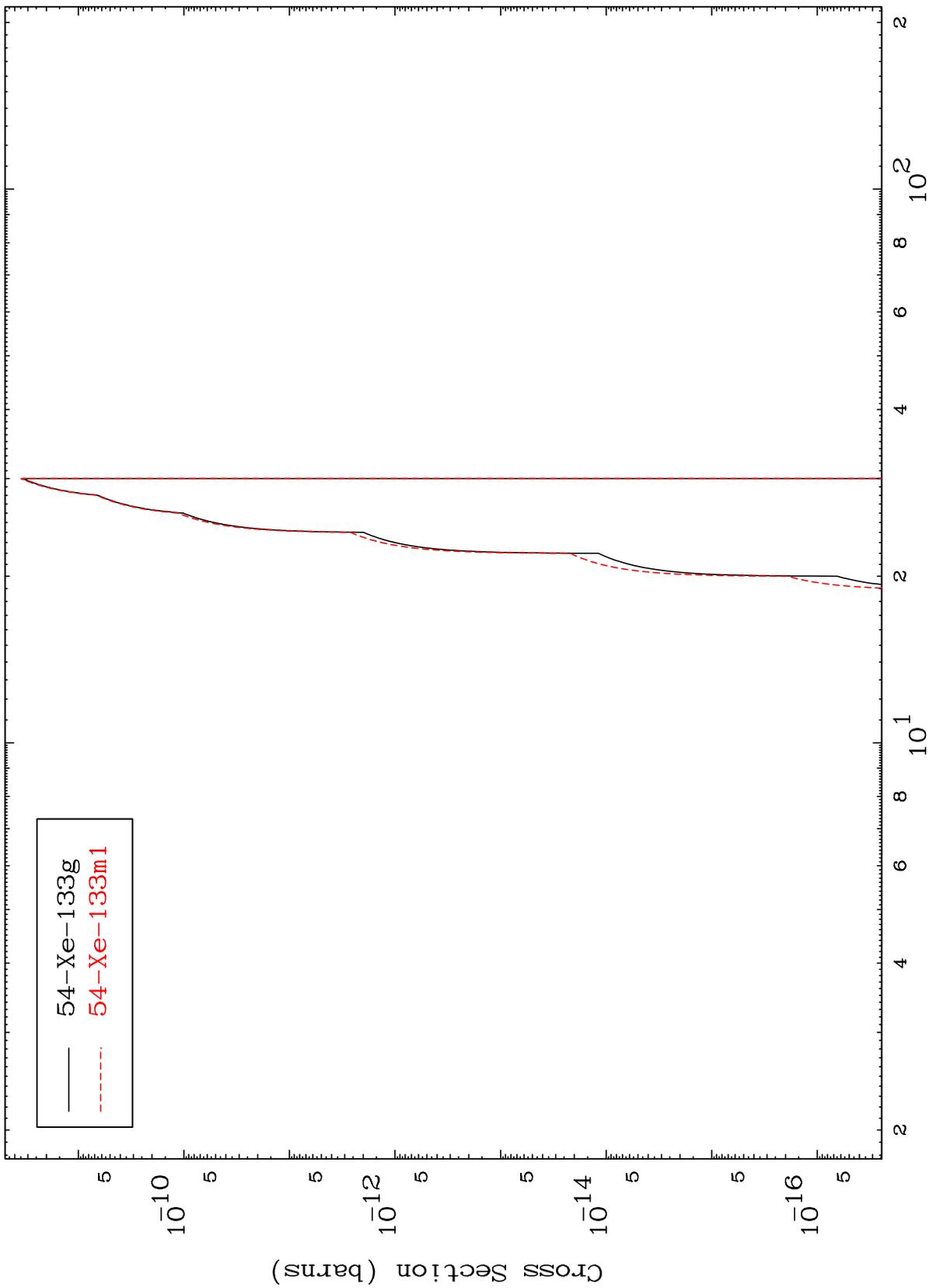
Incident Energy (MeV)

14

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56-Ba-137

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



54-Xe-133g
54-Xe-133m1

56-Ba-137

Incident Energy (MeV)

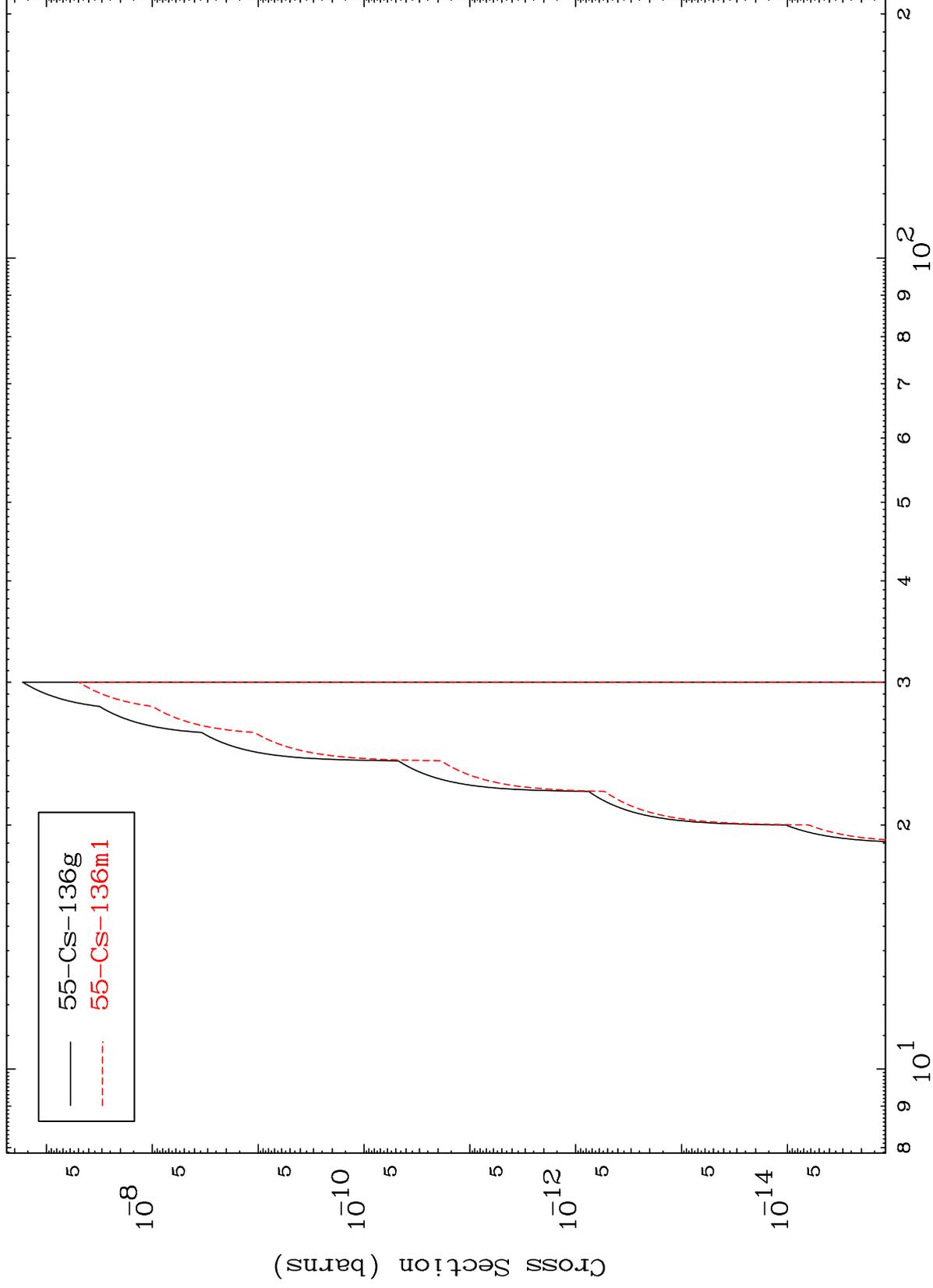
15

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(α, p) α

56-Ba-137

Radionuclide Production Cross Section



16

Incident Energy (MeV)

56-Ba-137