

Program EVALPLOT
(Version 2018-1)

by

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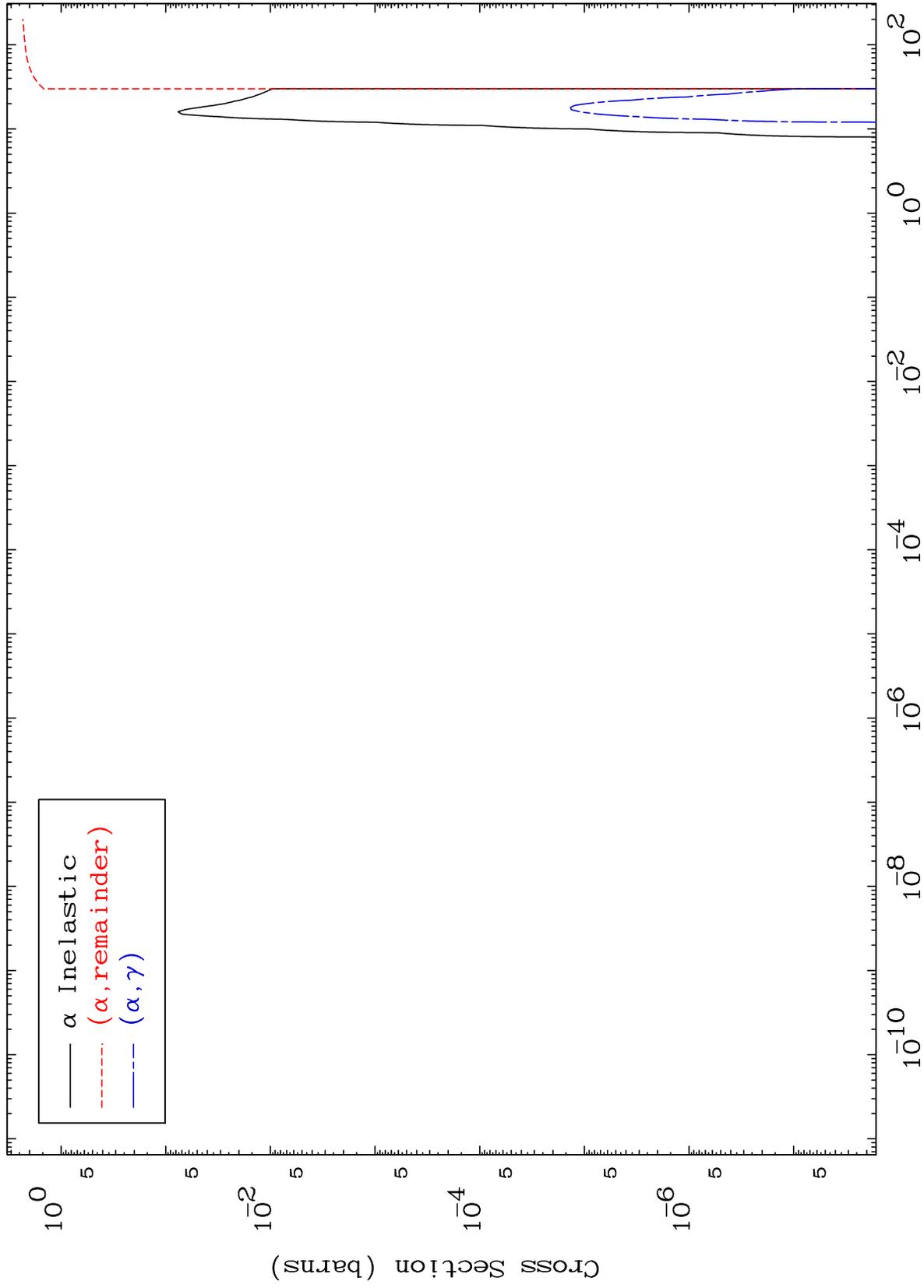
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5452

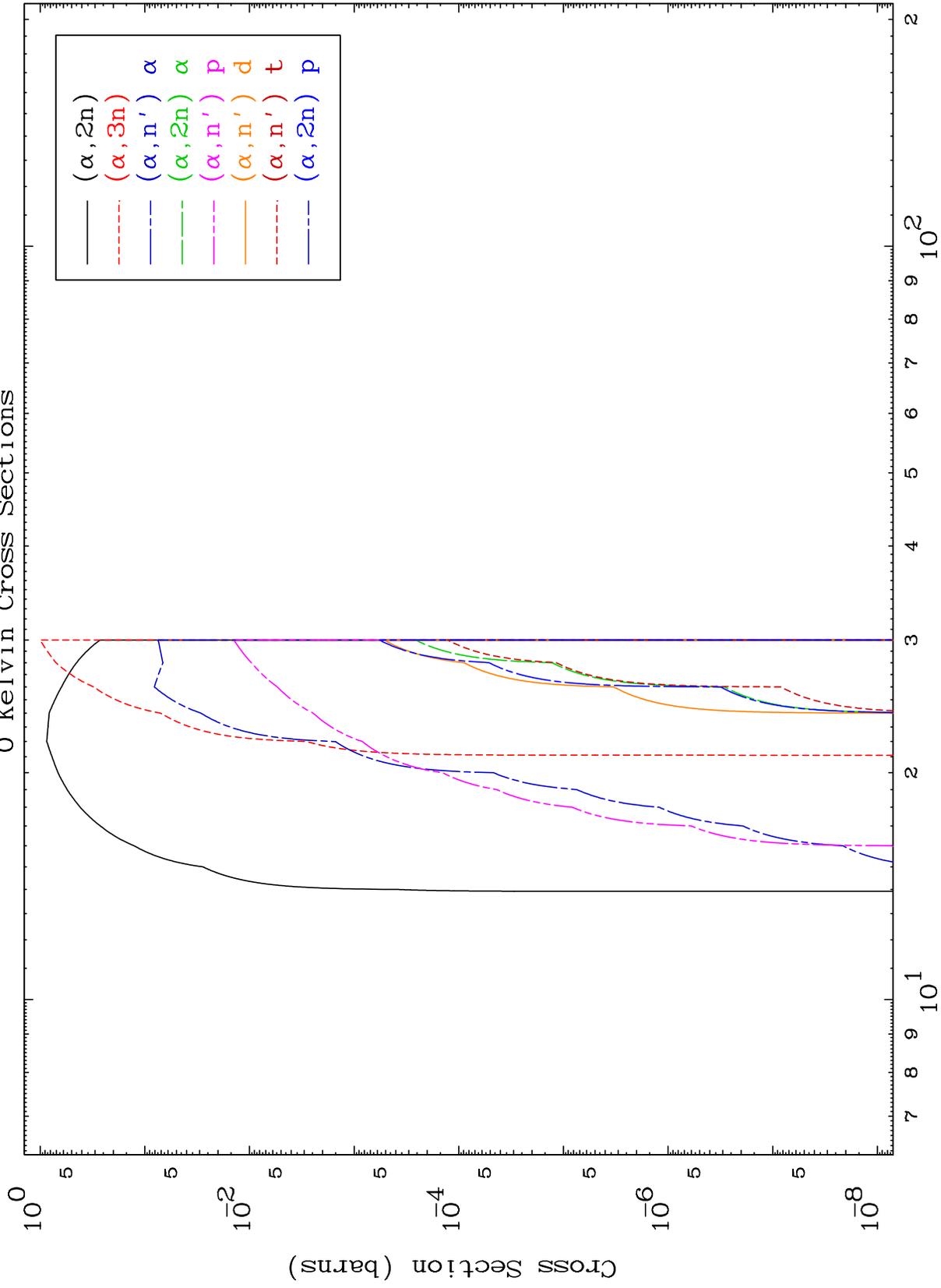
0 Kelvin α Major

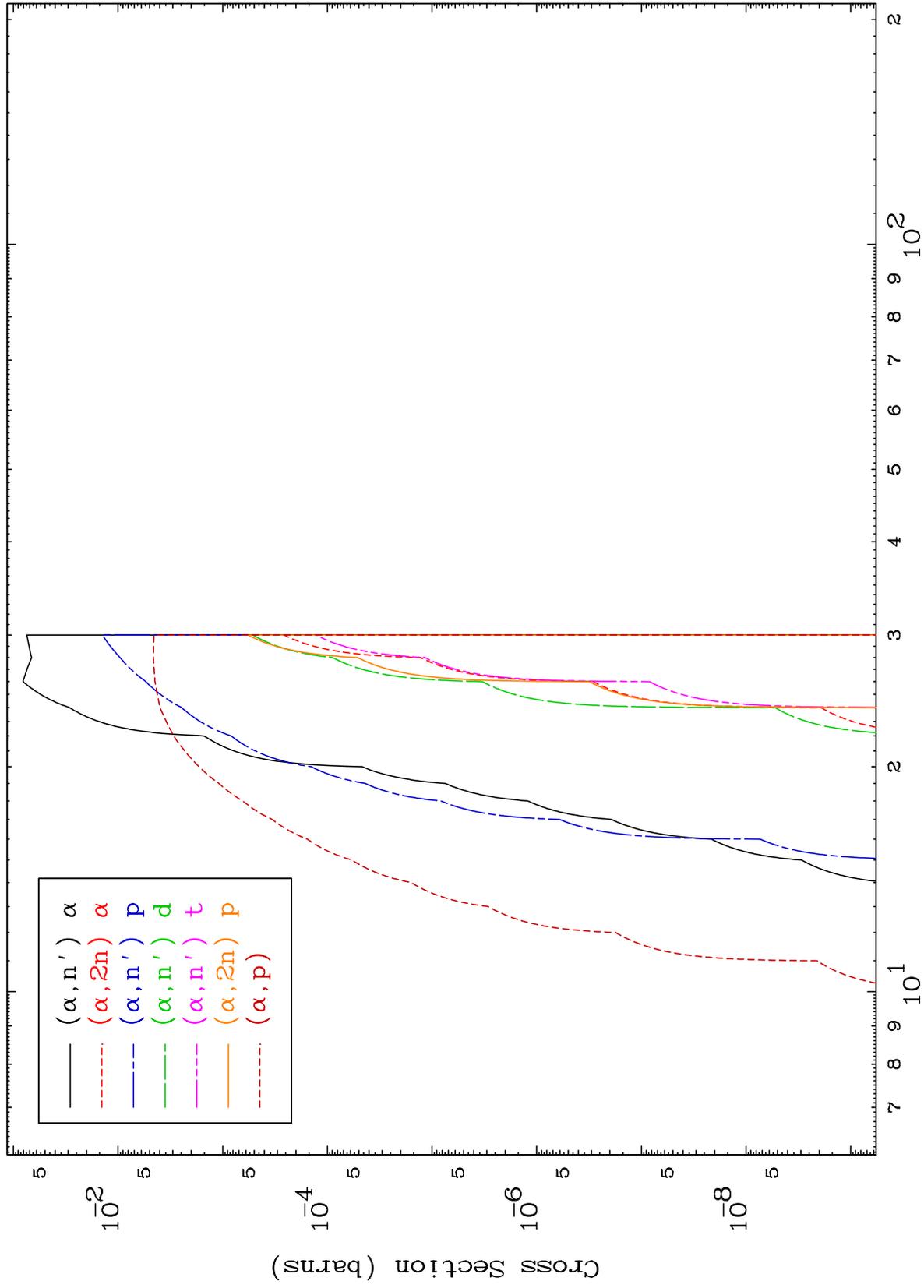
54-Xe-133



1

54-Xe-133



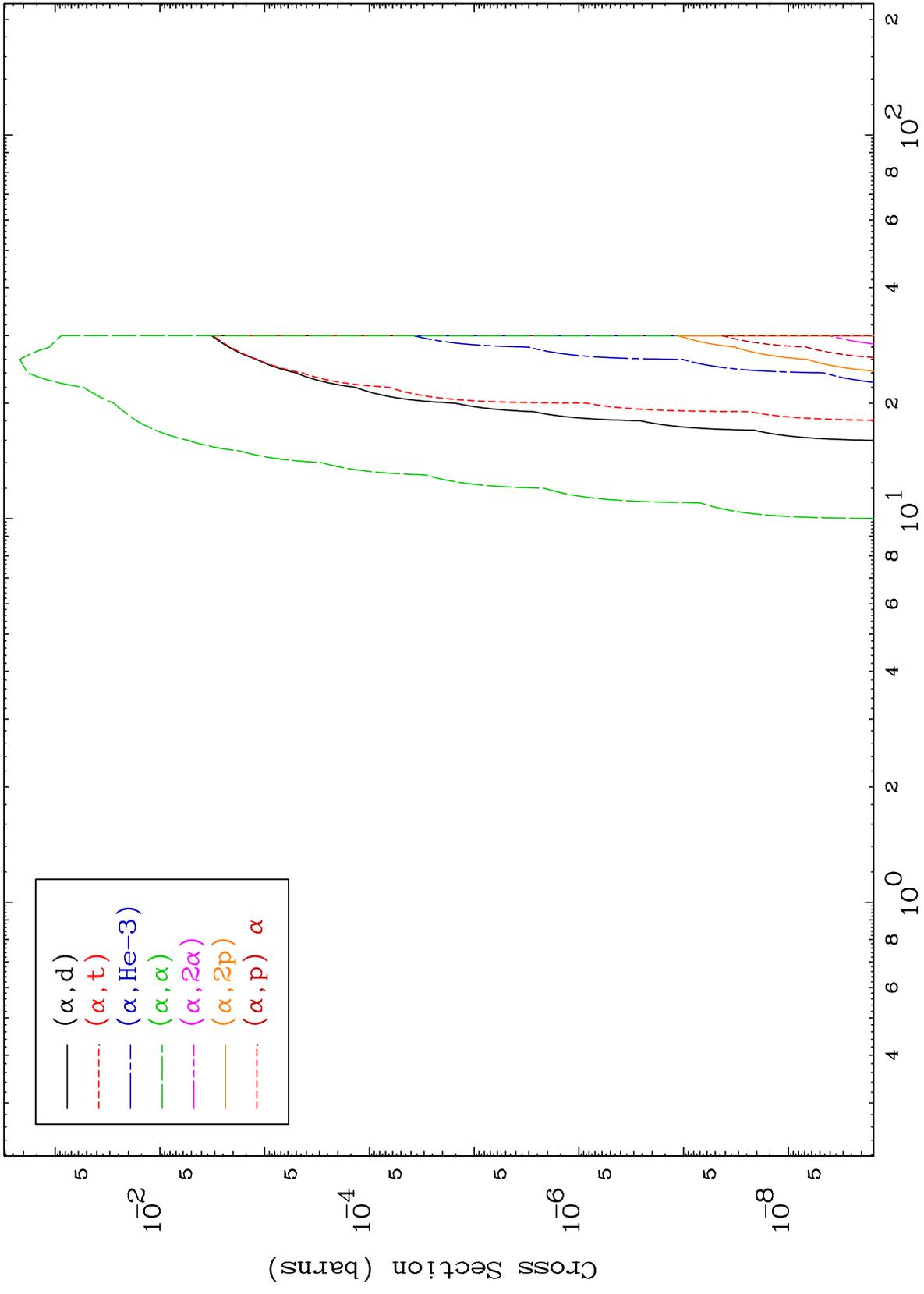


MAT 5452

α Charged Particle

54-Xe-133

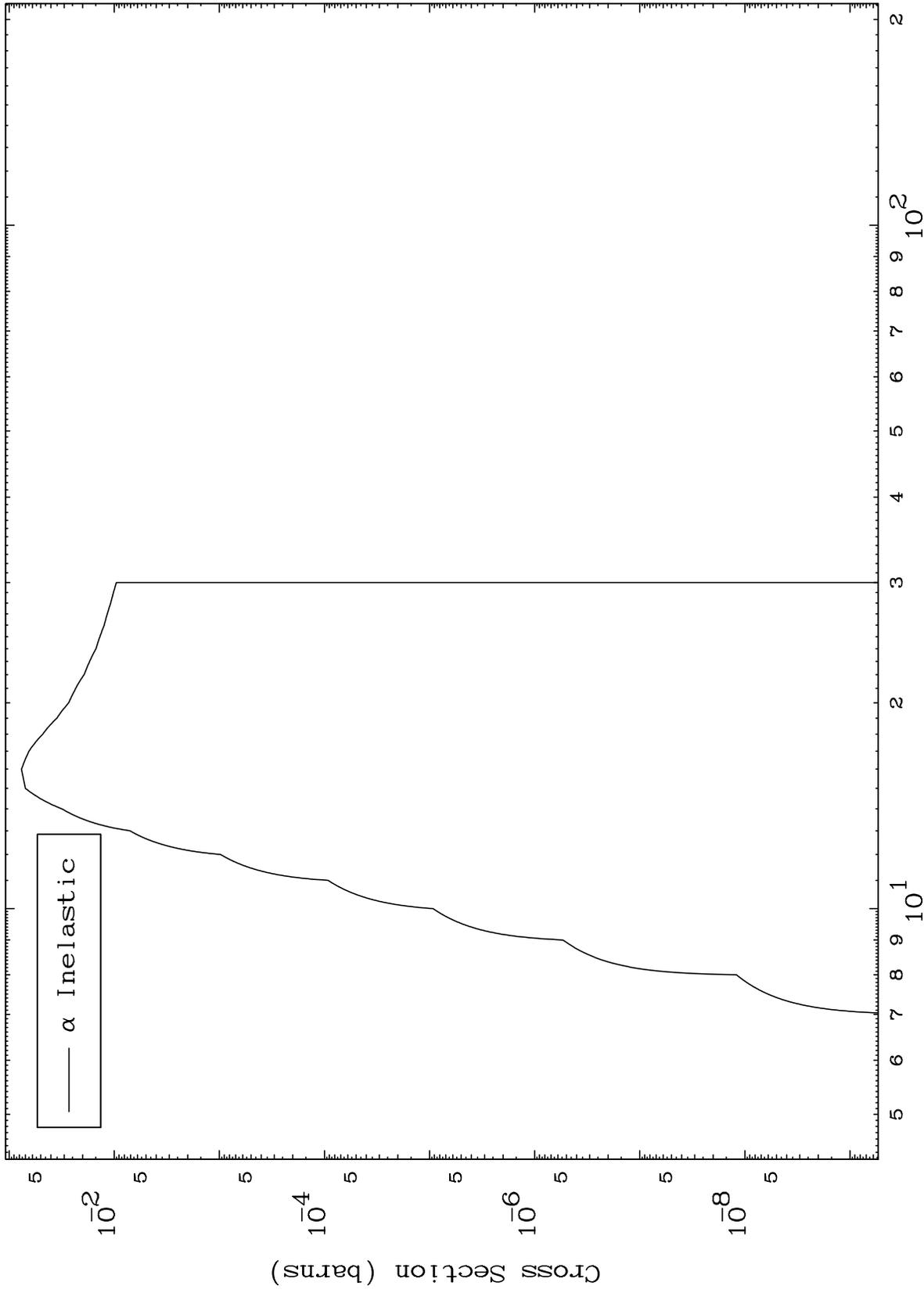
0 Kelvin Cross Sections



MAT 5452

(α, n') Level
0 Kelvin Cross Sections

54-Xe-133



5

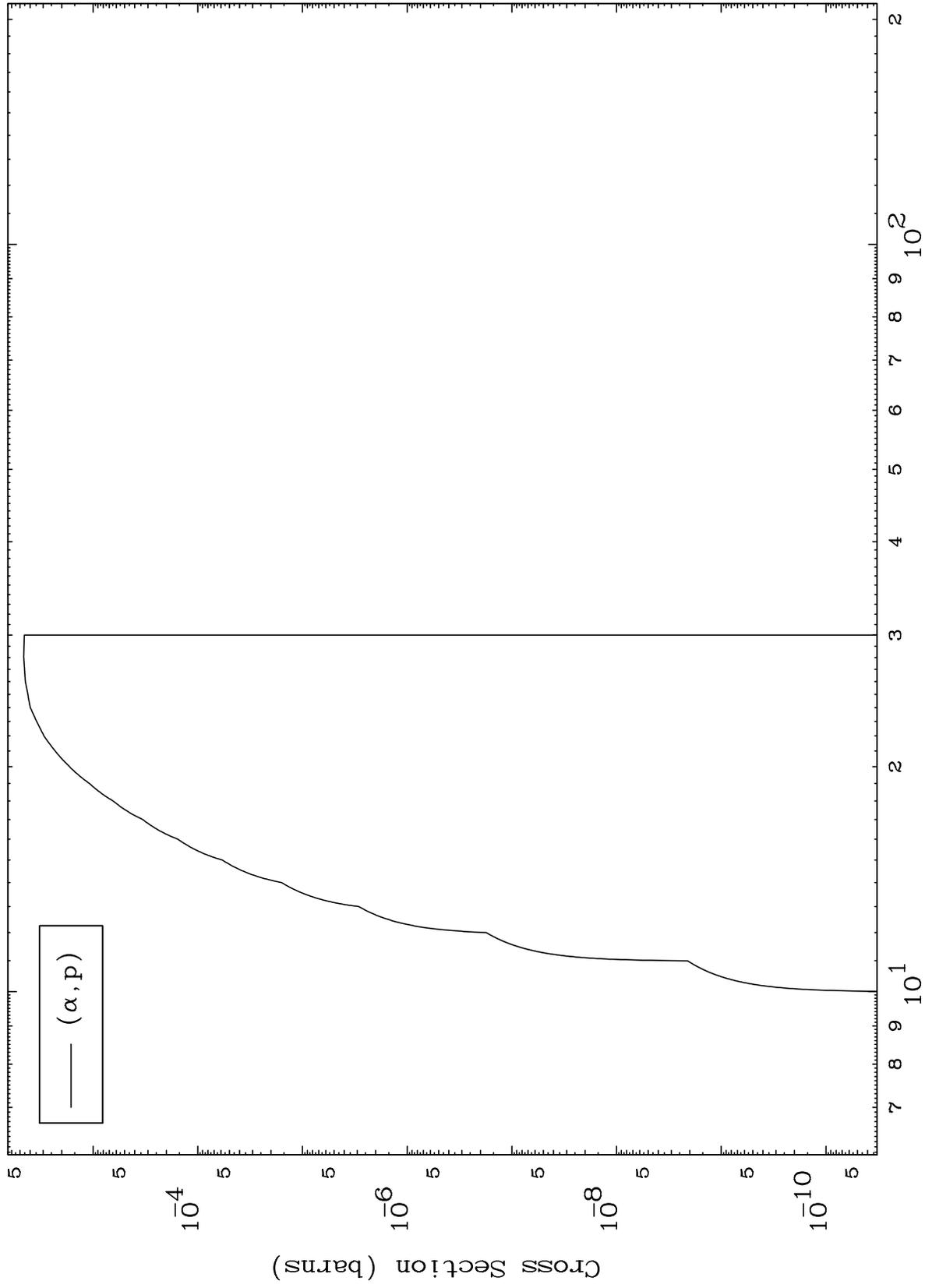
Incident Energy (MeV)

54-Xe-133

MAT 5452

(α, p) Levels
0 Kelvin Cross Sections

54-Xe-133



6

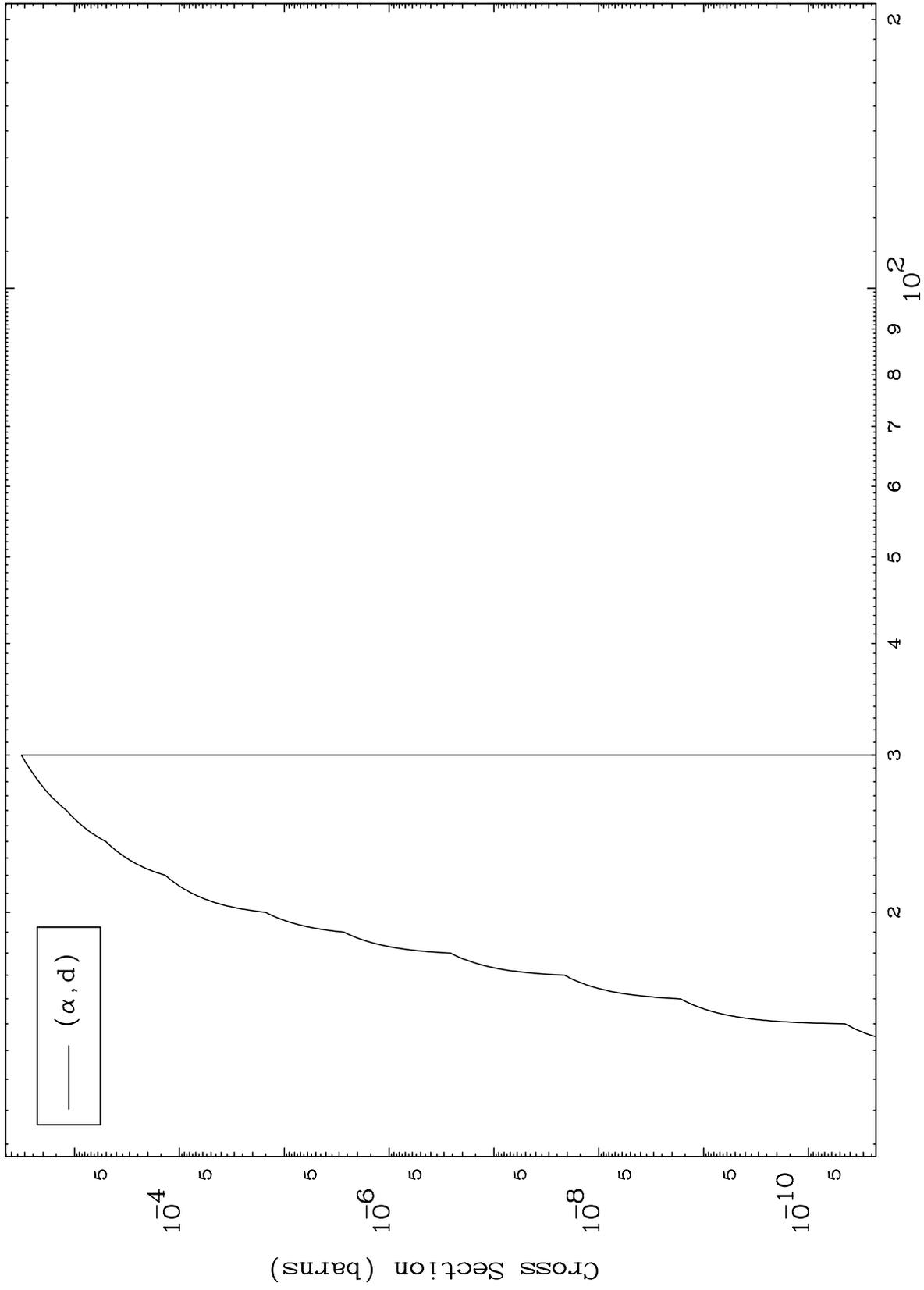
Incident Energy (MeV)

54-Xe-133

MAT 5452

(α, d) Levels
0 Kelvin Cross Sections

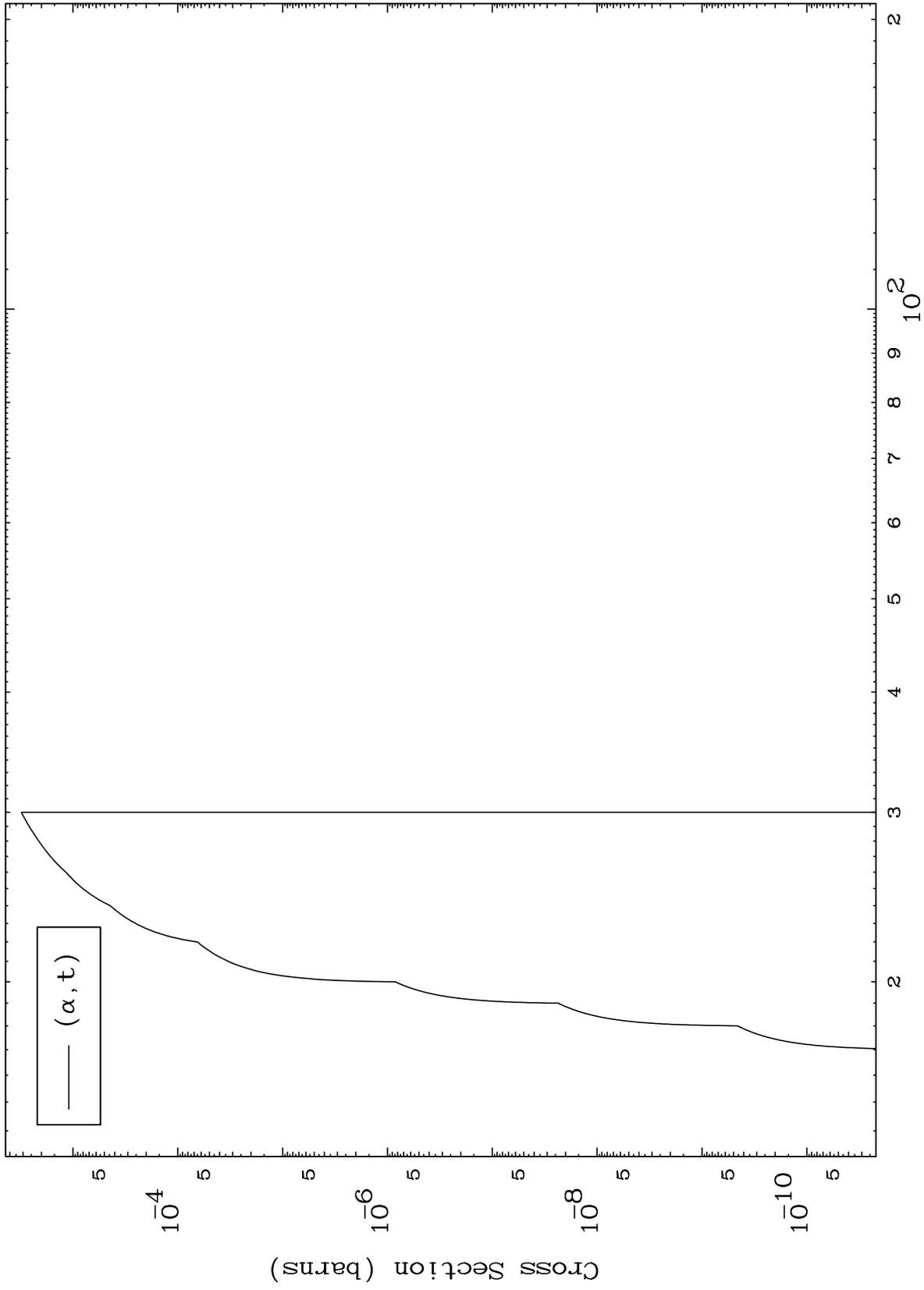
54-Xe-133

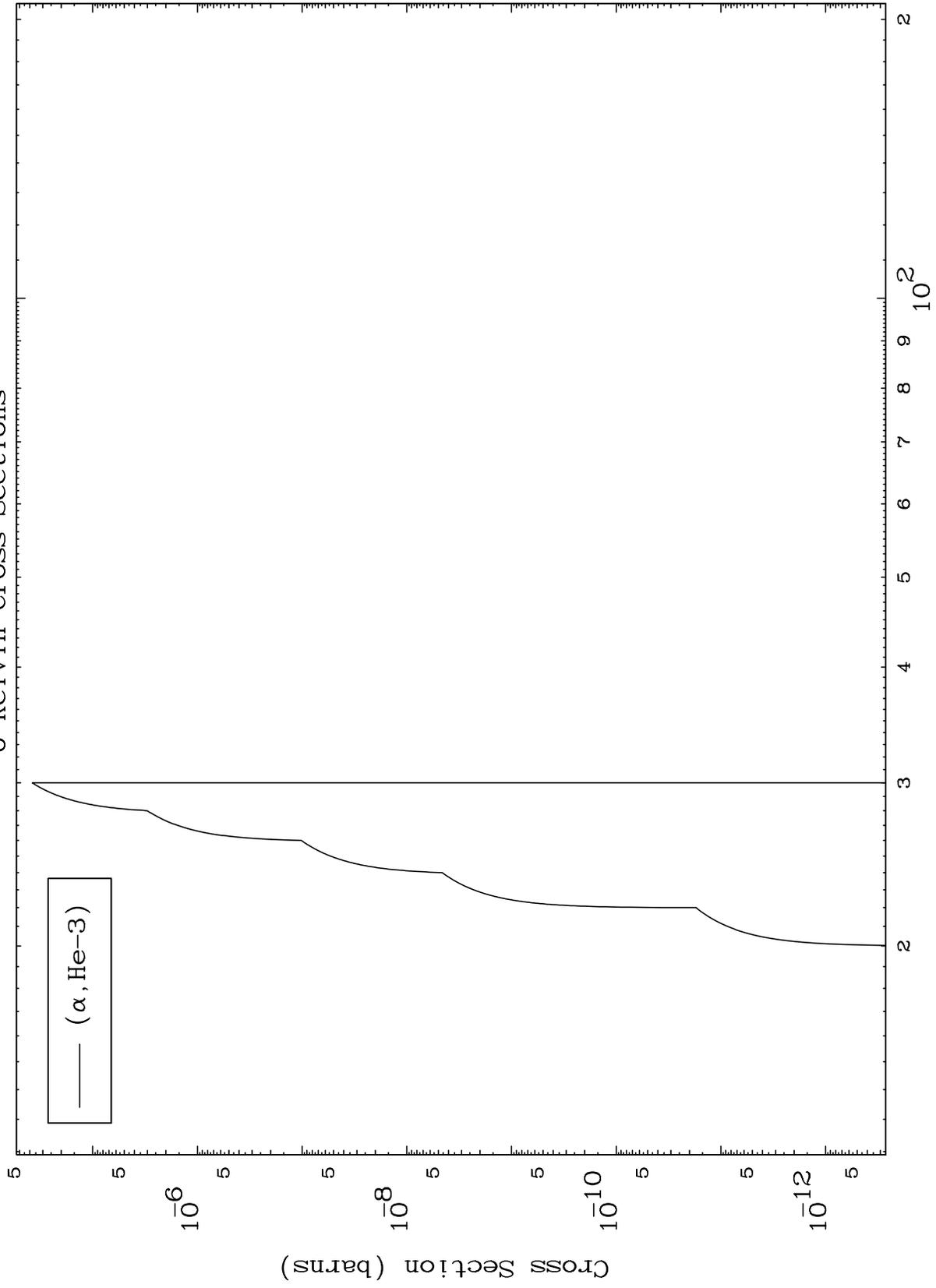


7

Incident Energy (MeV)

54-Xe-133

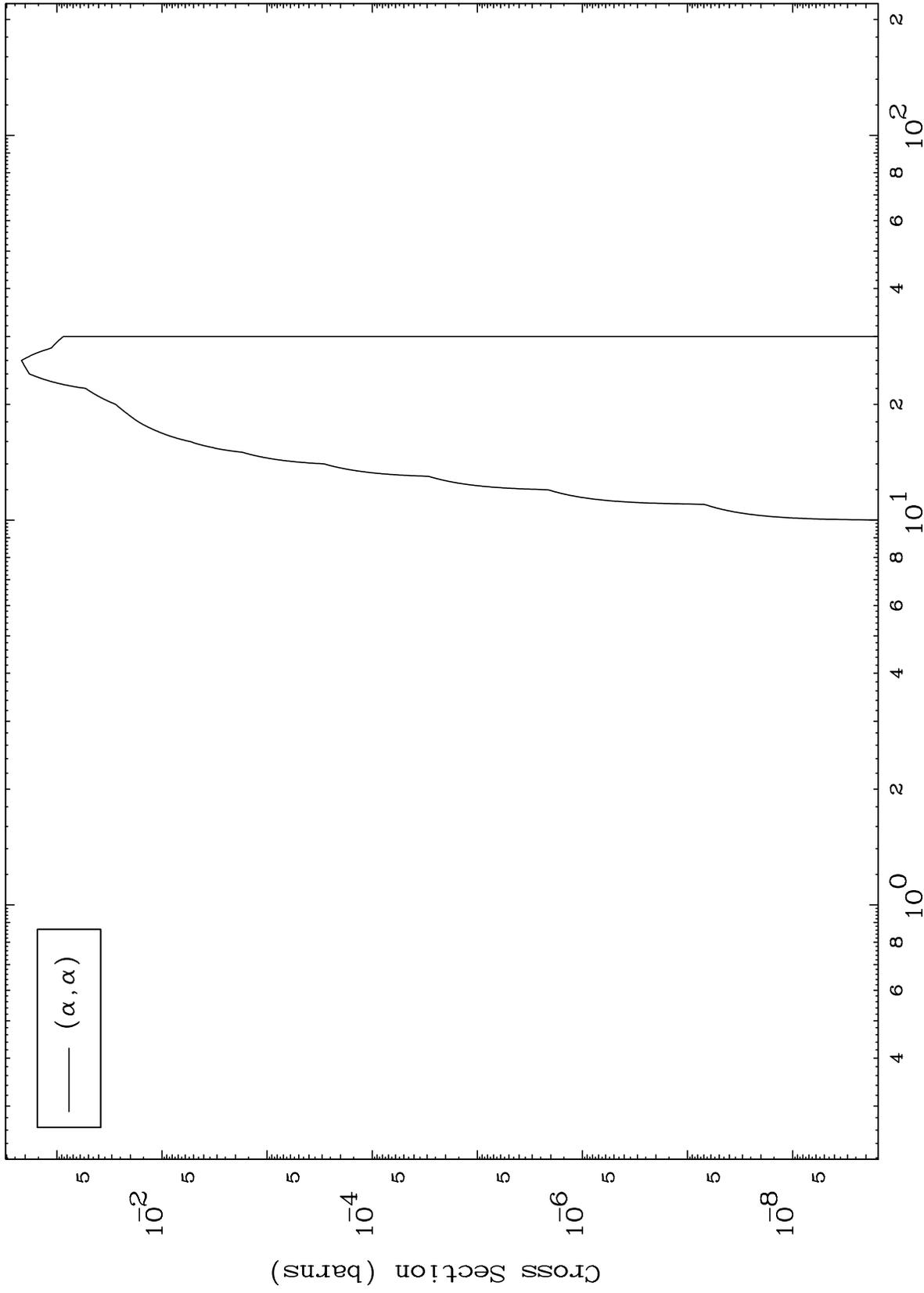




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(α, α) Levels
0 Kelvin Cross Sections

54-Xe-133



10

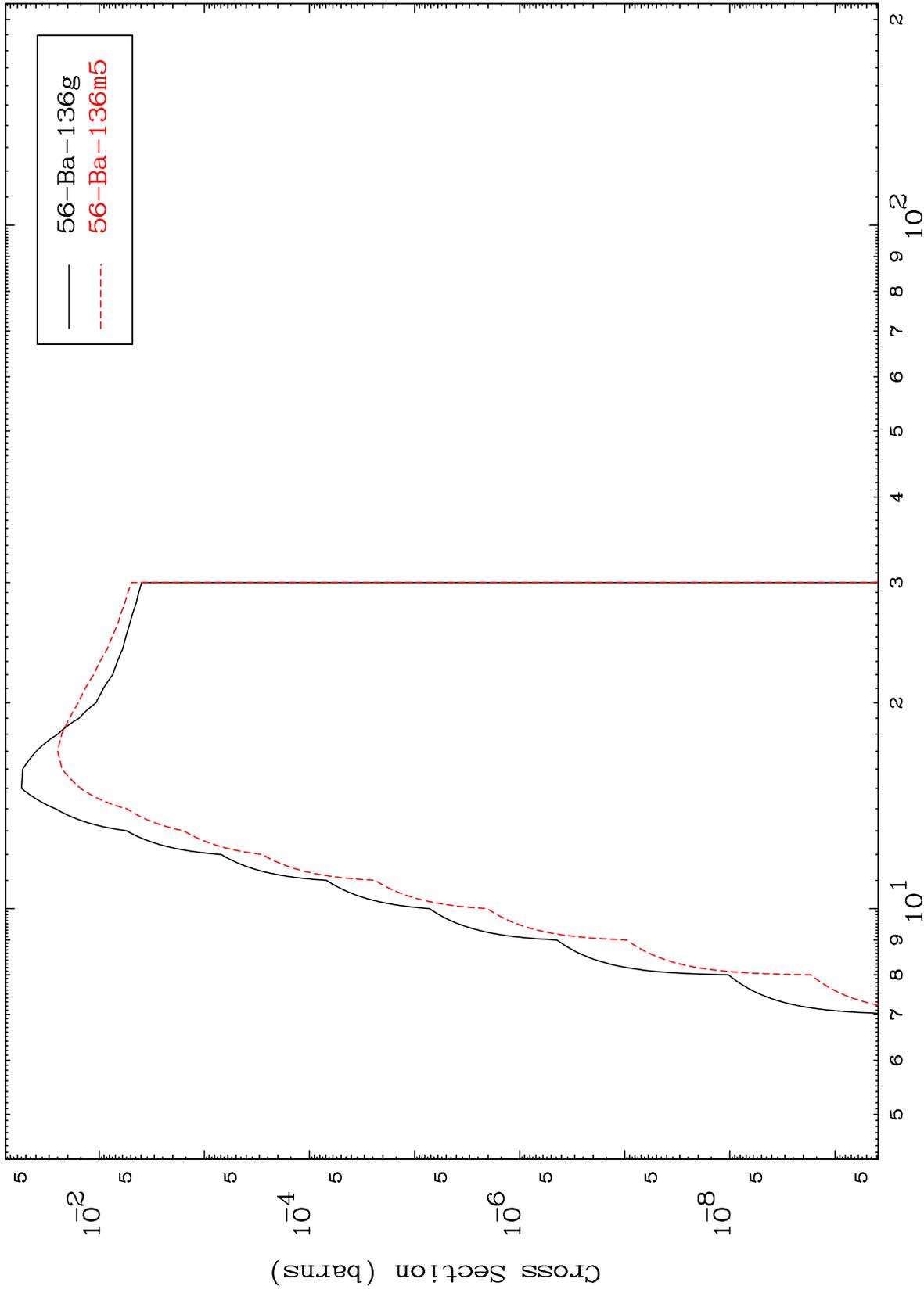
Incident Energy (MeV)

54-Xe-133

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α Inelastic
Radionuclide Production Cross Section

54-Xe-133



11

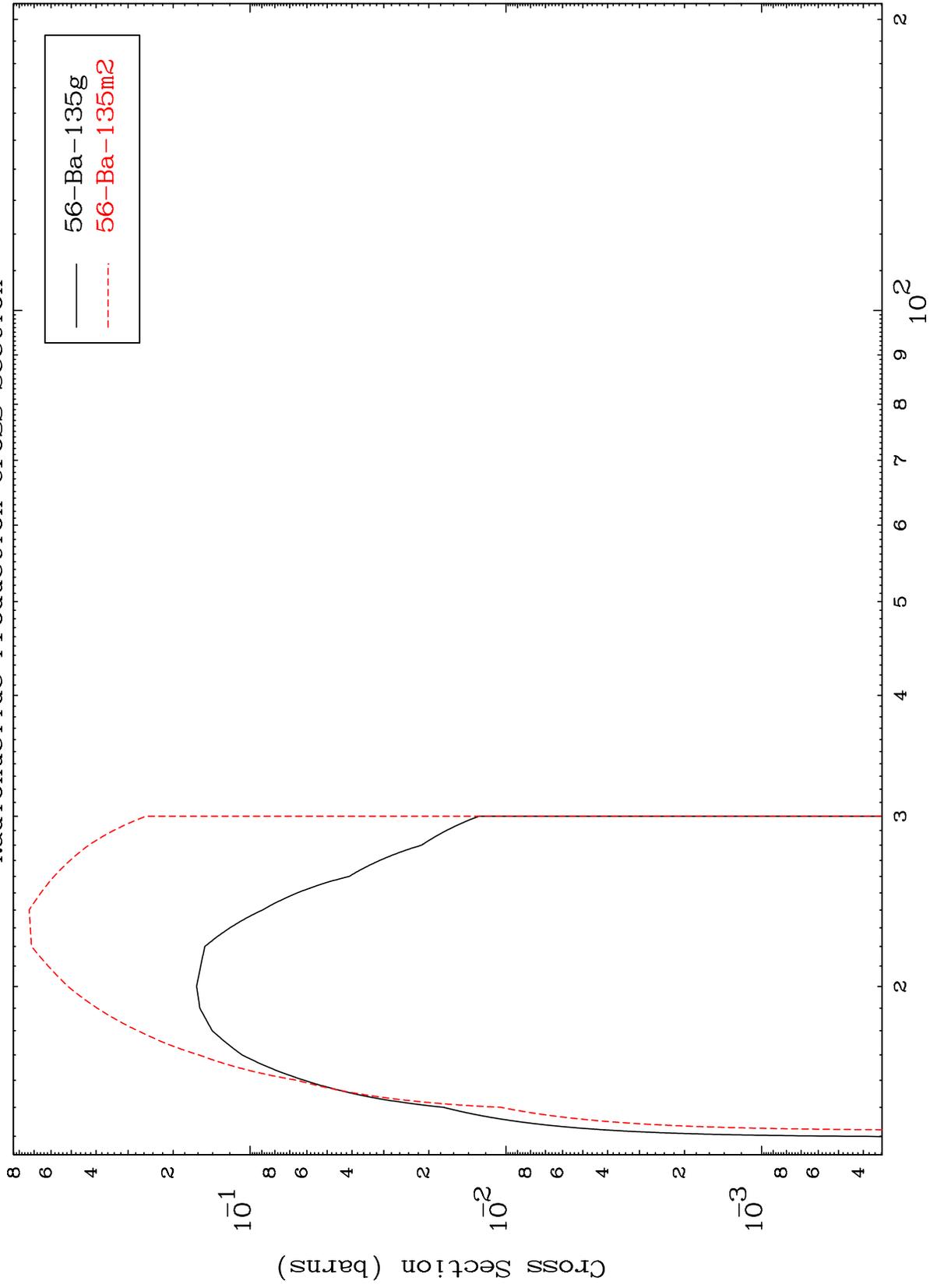
Incident Energy (MeV)

54-Xe-133

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54-Xe-133

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



12

Incident Energy (MeV)

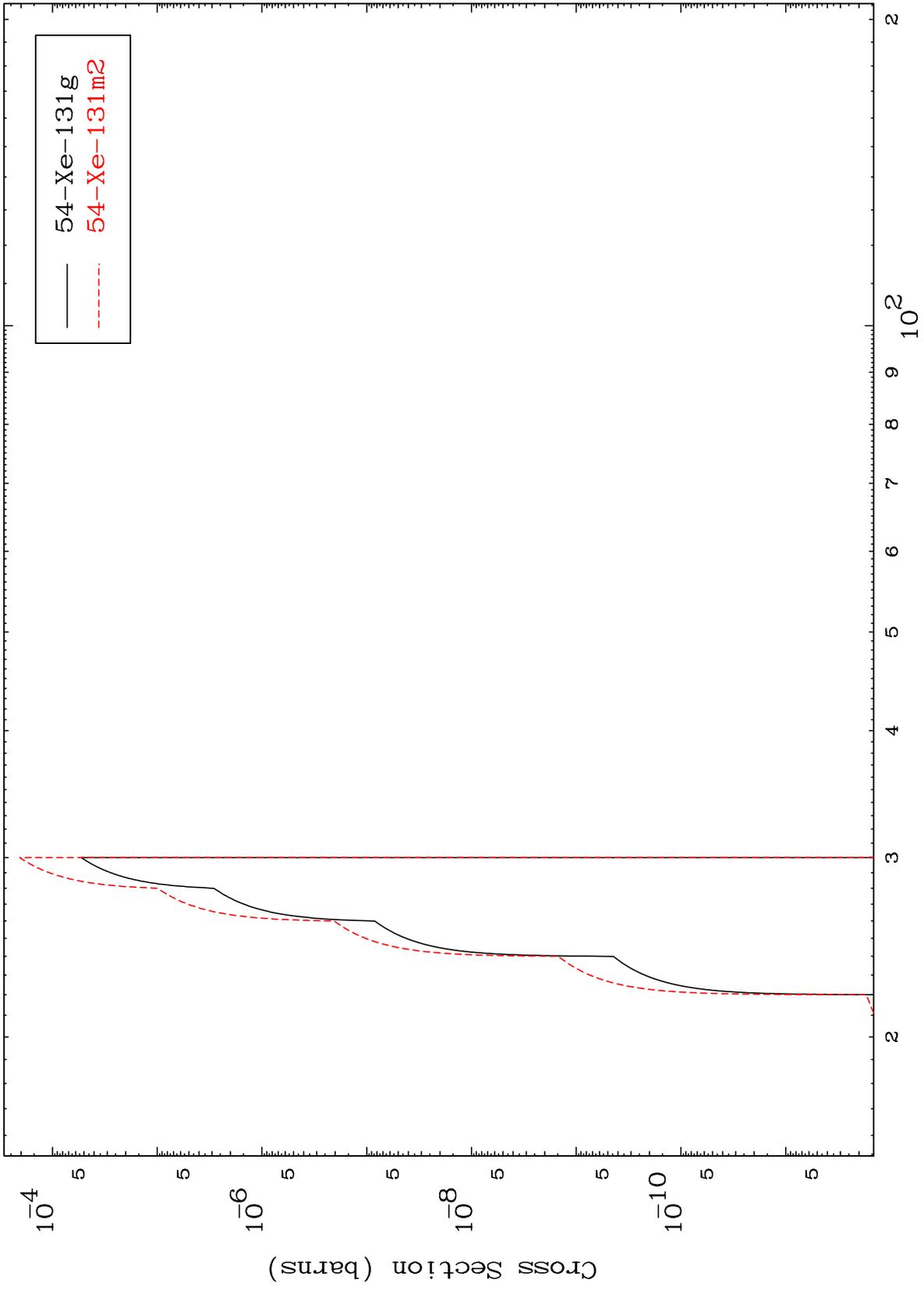
54-Xe-133

MAT 5452

$(\alpha, 2n) \alpha$

54-Xe-133

Radionuclide Production Cross Section



13

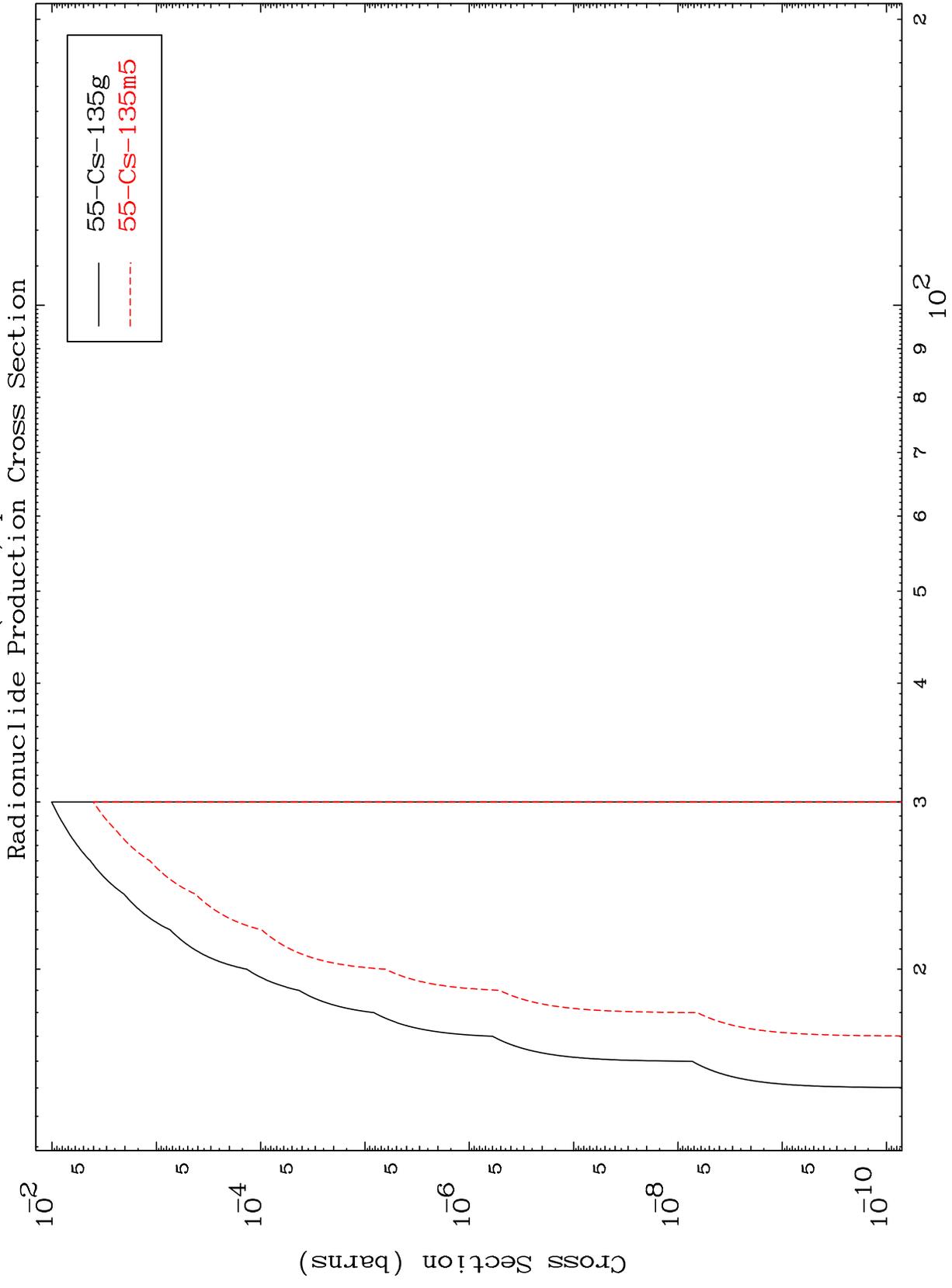
Incident Energy (MeV)

54-Xe-133

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(α, n') p

54-Xe-133



14

54-Xe-133

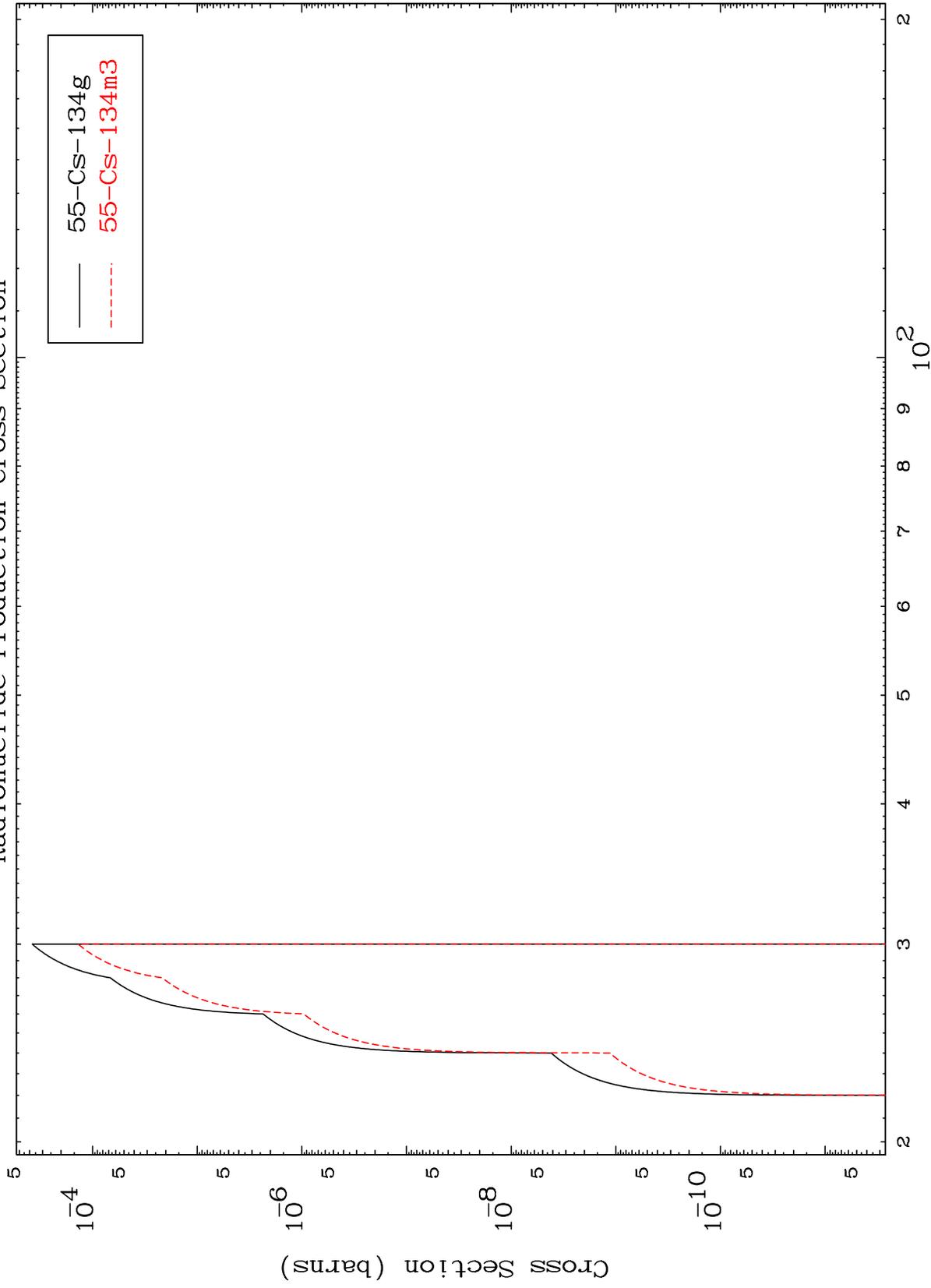
54-Xe-133

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(α, n') d

54-Xe-133

Radionuclide Production Cross Section



15

Incident Energy (MeV)

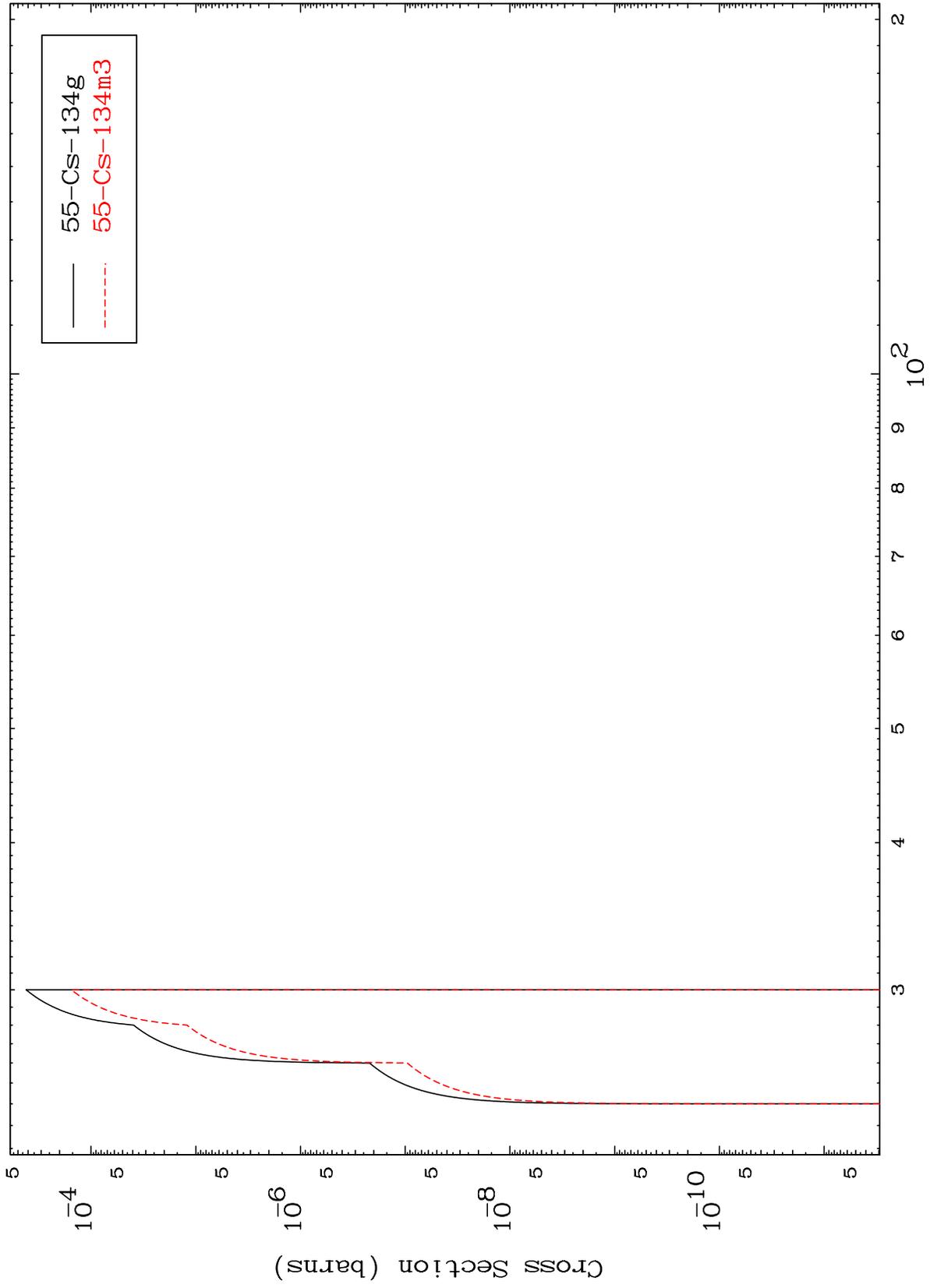
54-Xe-133

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($\alpha, 2n$) p

54-Xe-133

Radionuclide Production Cross Section



16

Incident Energy (MeV)

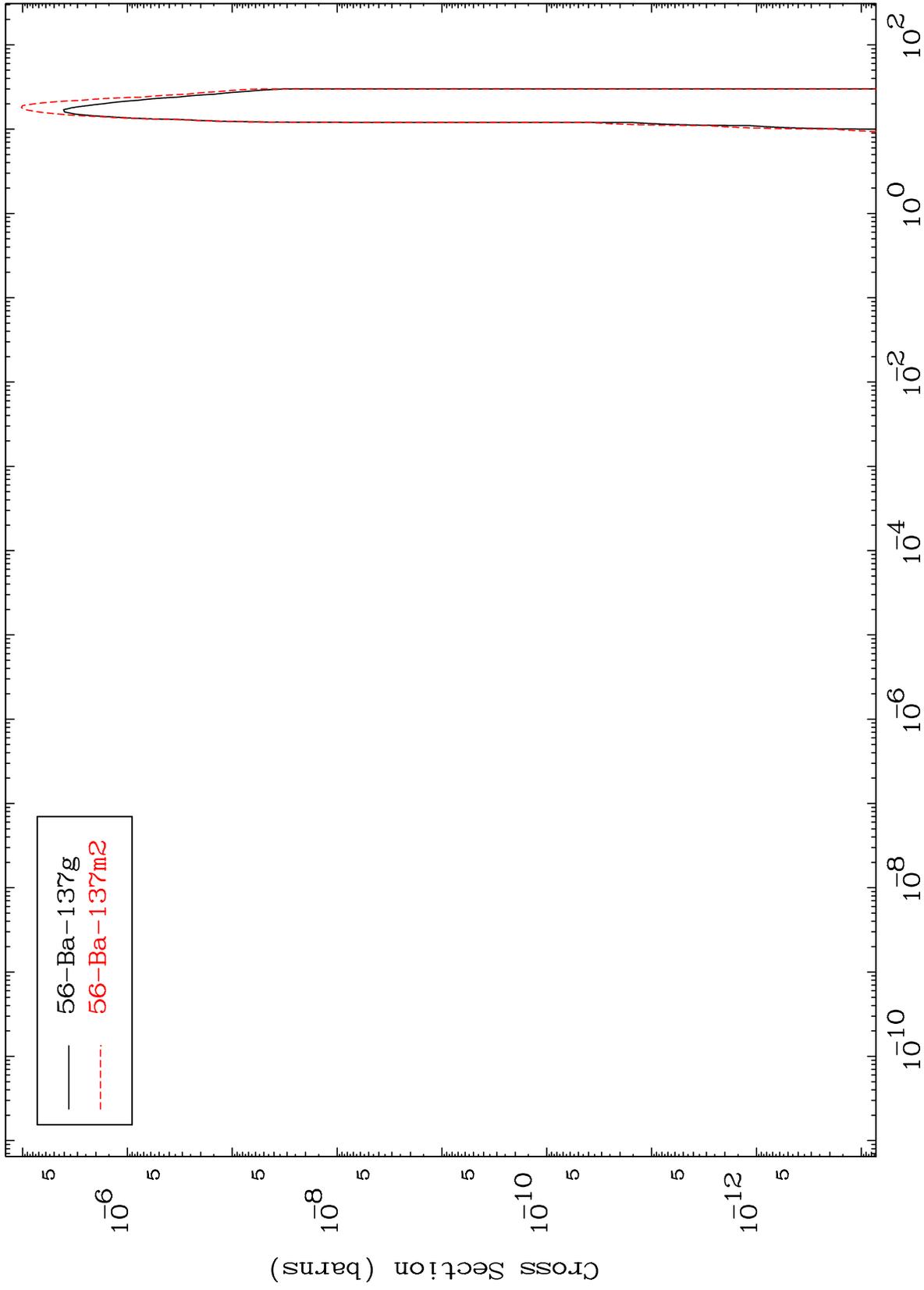
54-Xe-133

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(α, γ)

54-Xe-133

Radionuclide Production Cross Section



17

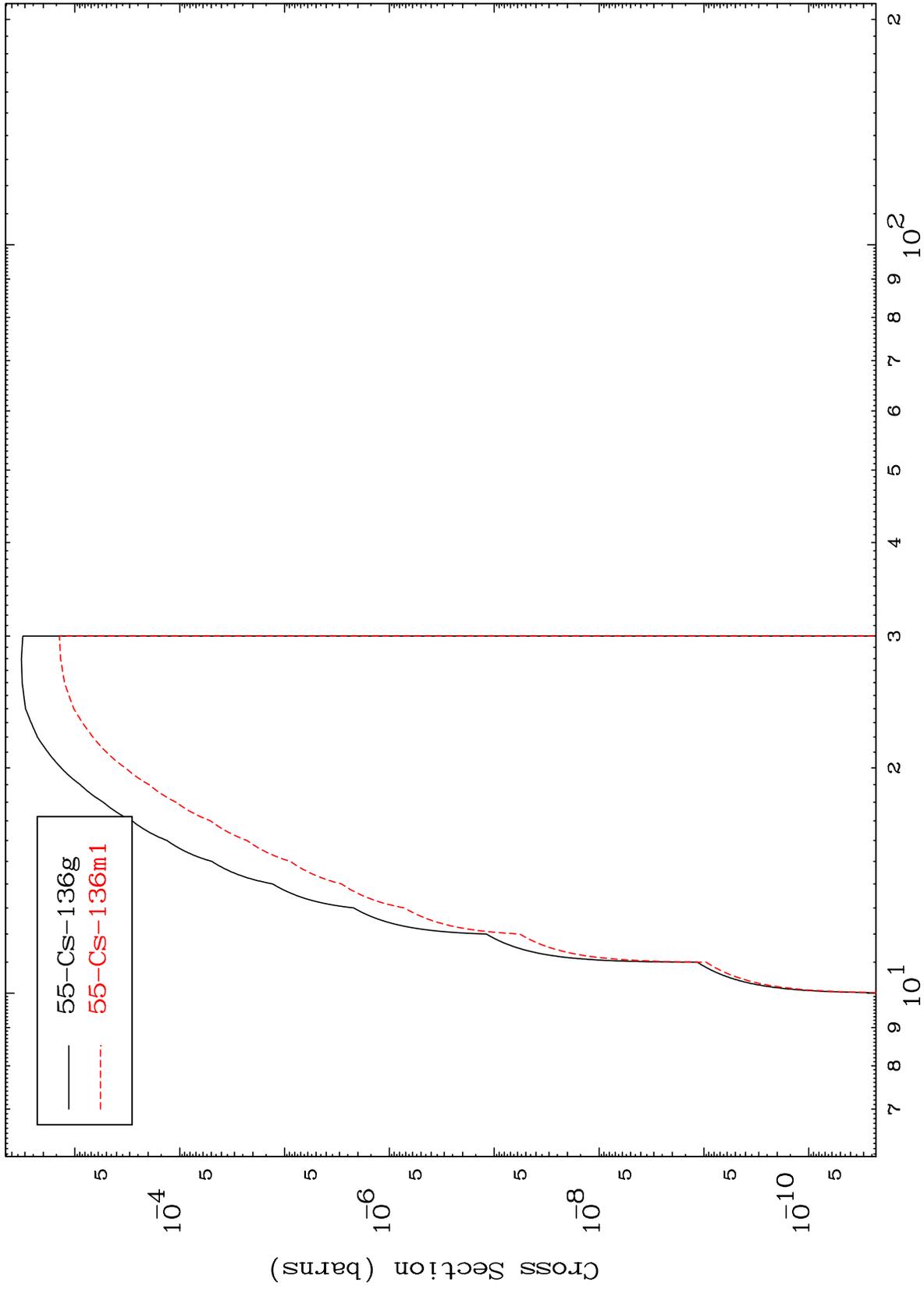
Incident Energy (MeV)

54-Xe-133

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54-Xe-133

(α, p)
Radionuclide Production Cross Section



18

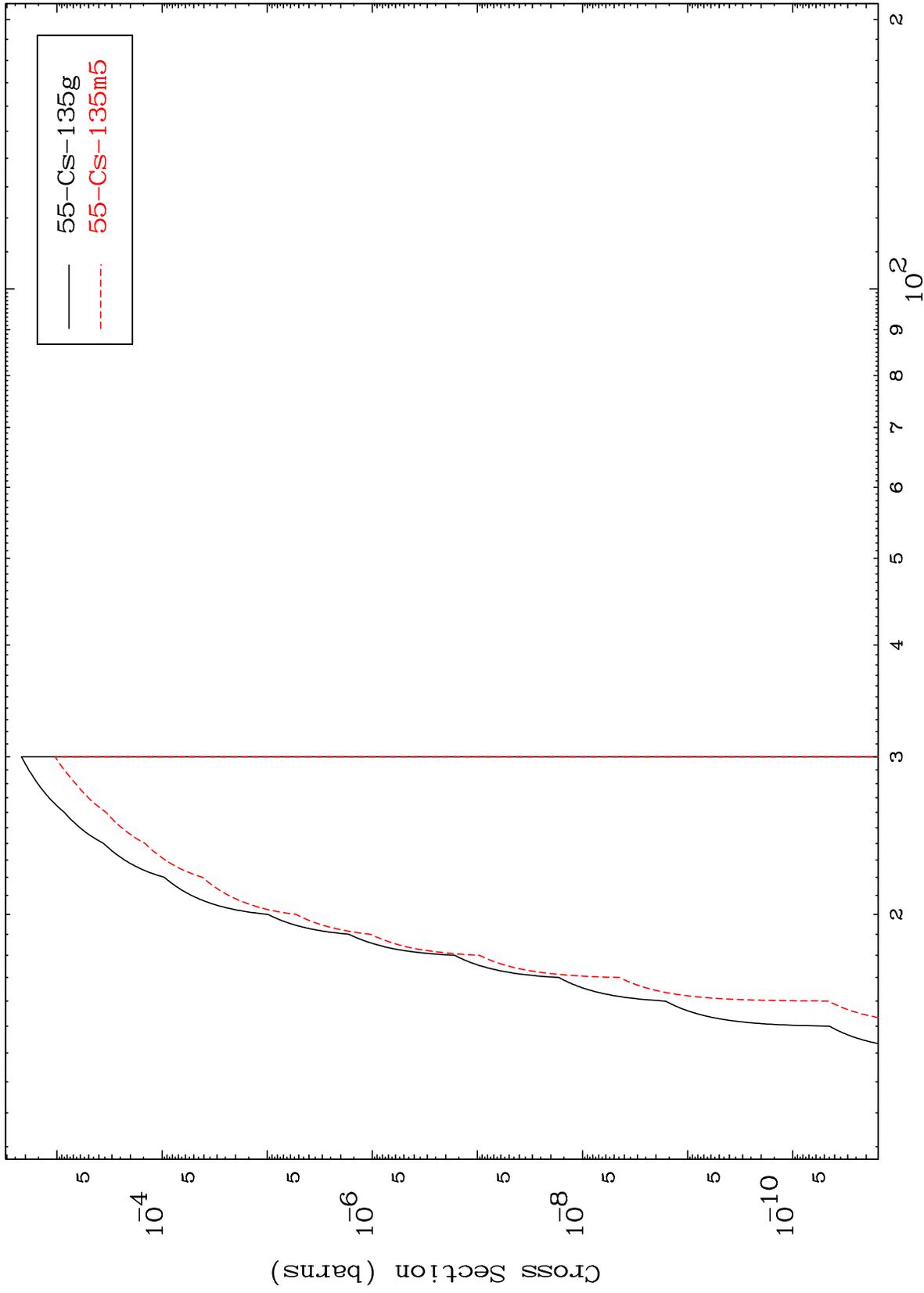
54-Xe-133

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(α, d)

54-Xe-133

Radionuclide Production Cross Section



19

Incident Energy (MeV)

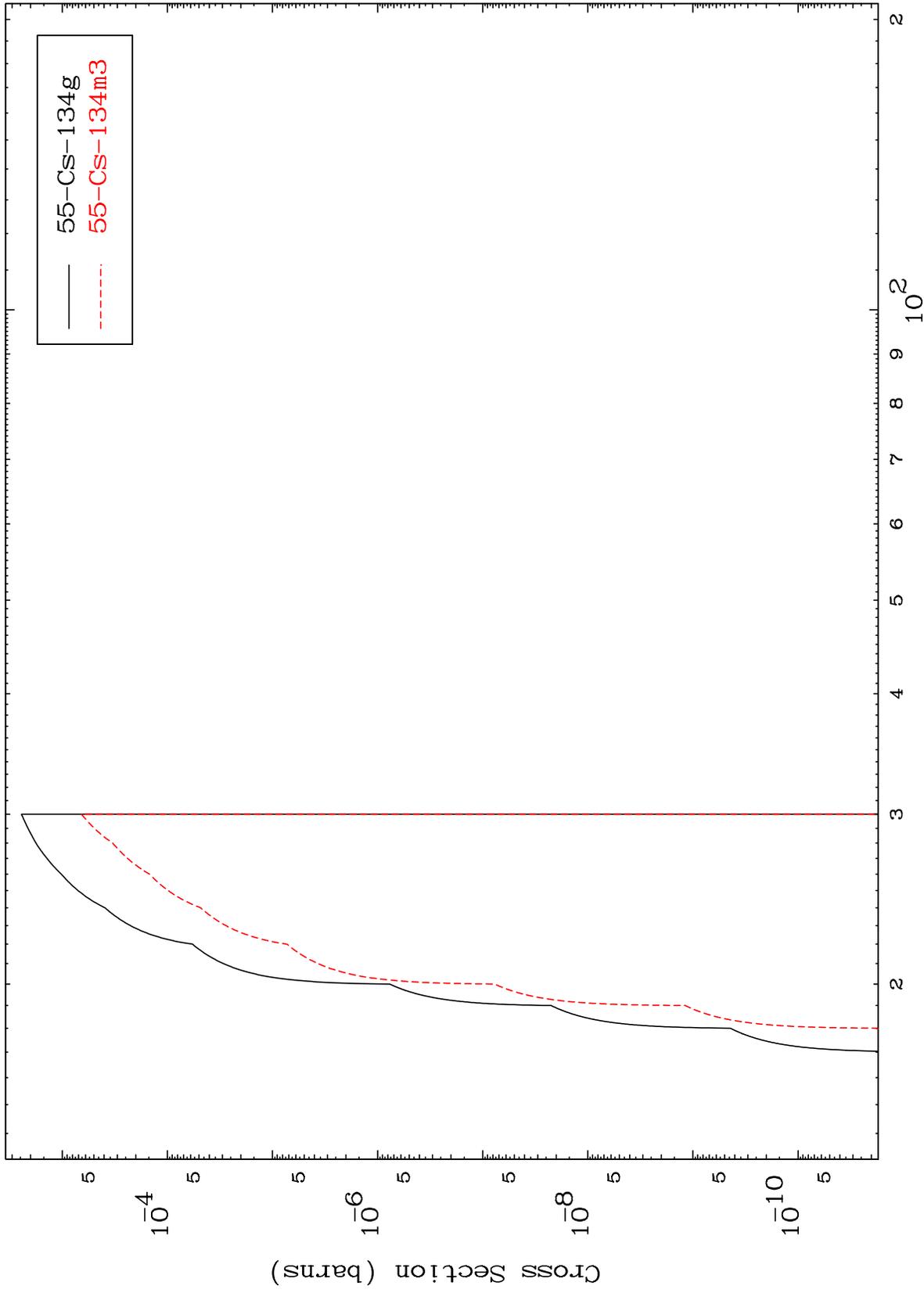
54-Xe-133

MAT 5452

(α, t)

54-Xe-133

Radionuclide Production Cross Section



20

Incident Energy (MeV)

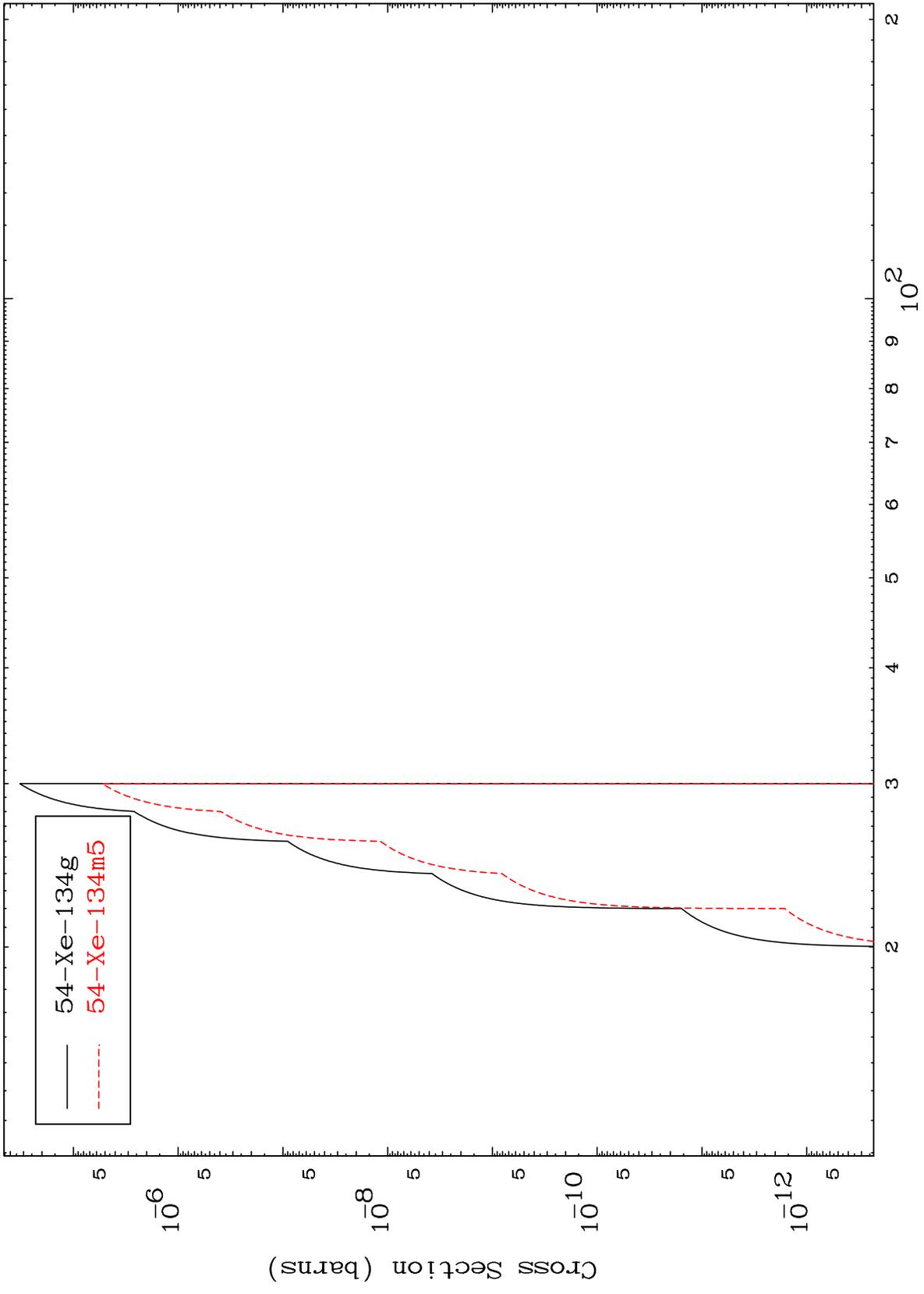
54-Xe-133

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

54-Xe-133

Radionuclide Production Cross Section

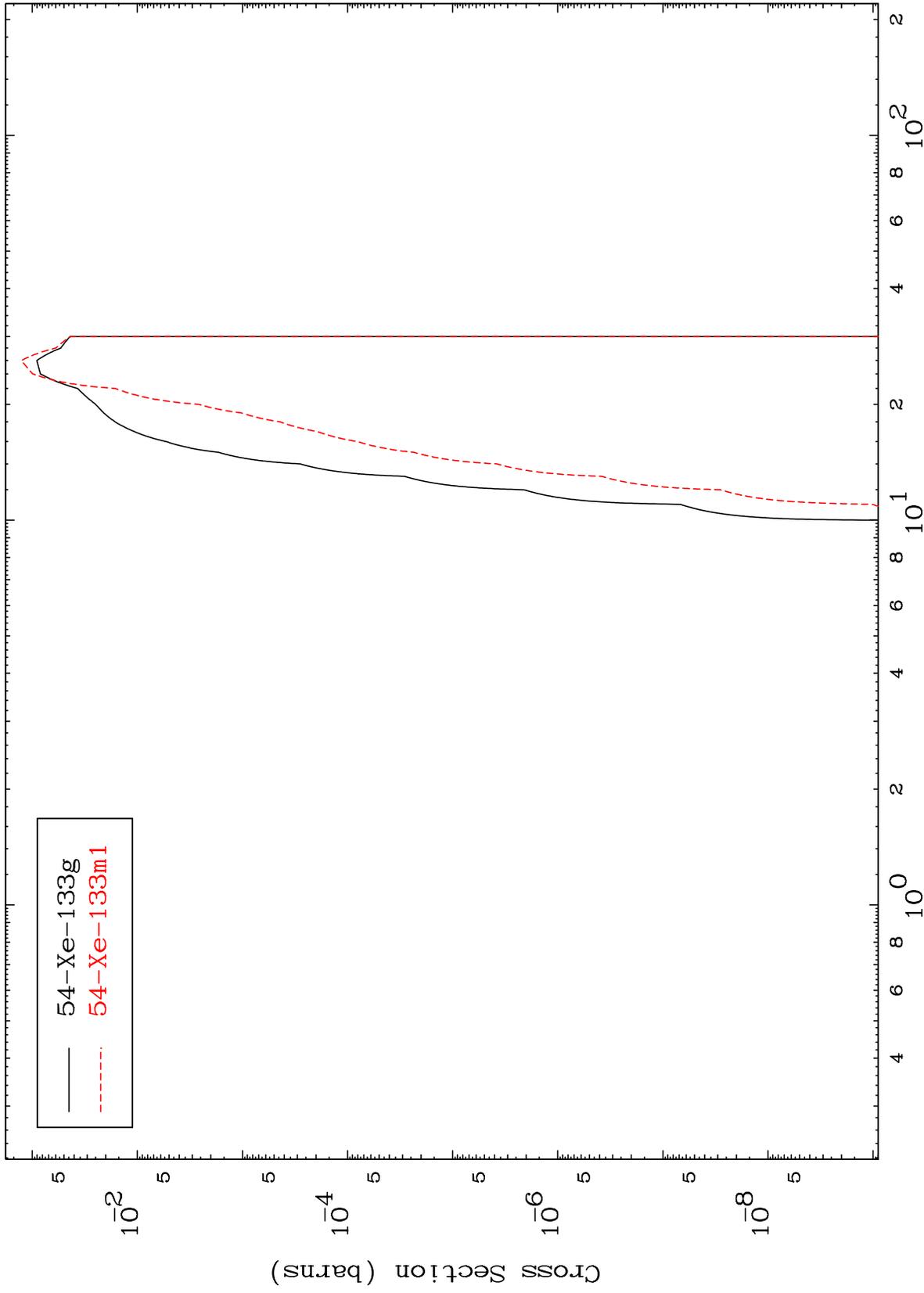


MAT 5452

(α, α)

54-Xe-133

Radionuclide Production Cross Section



22

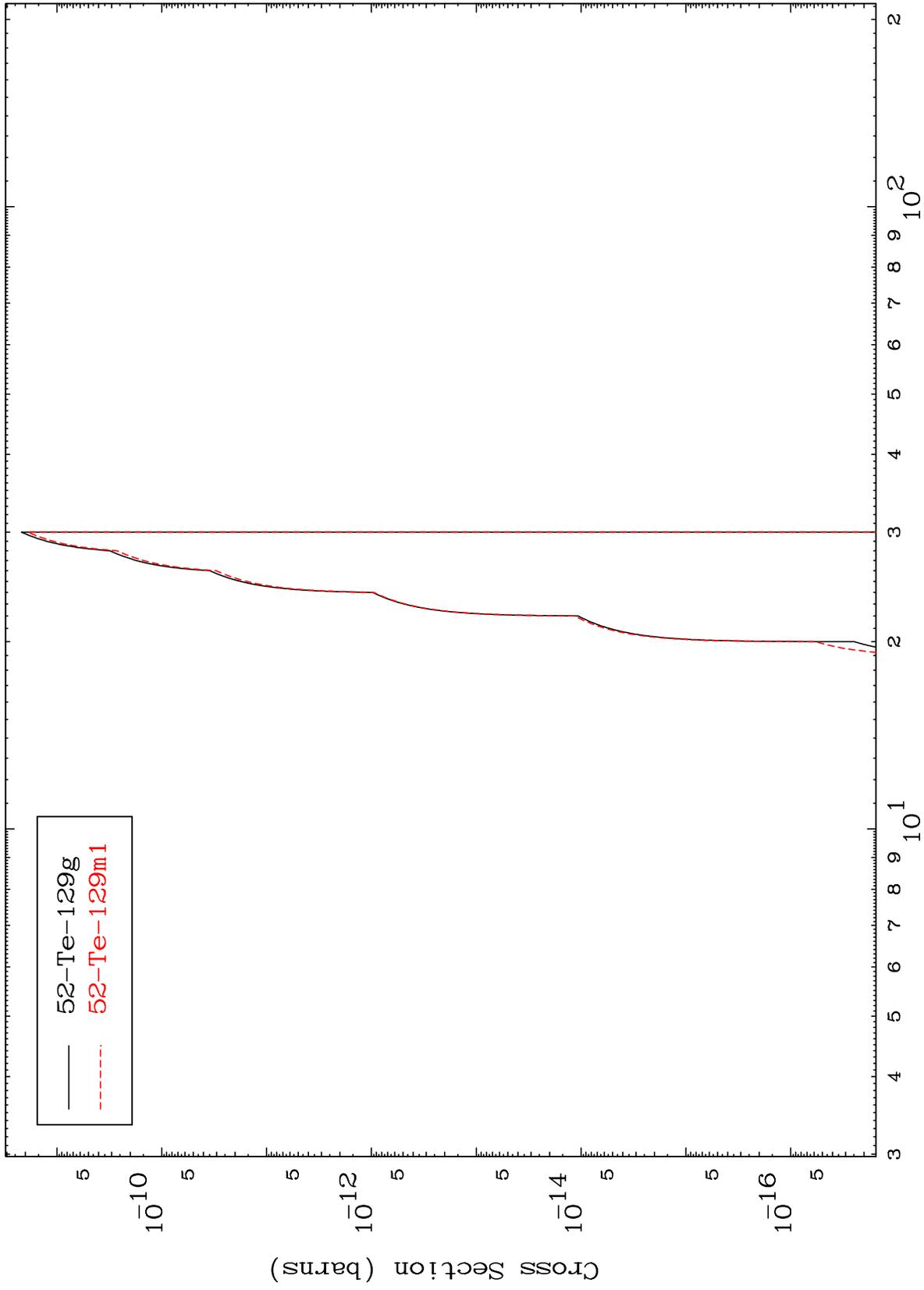
Incident Energy (MeV)

54-Xe-133

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54-Xe-133

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



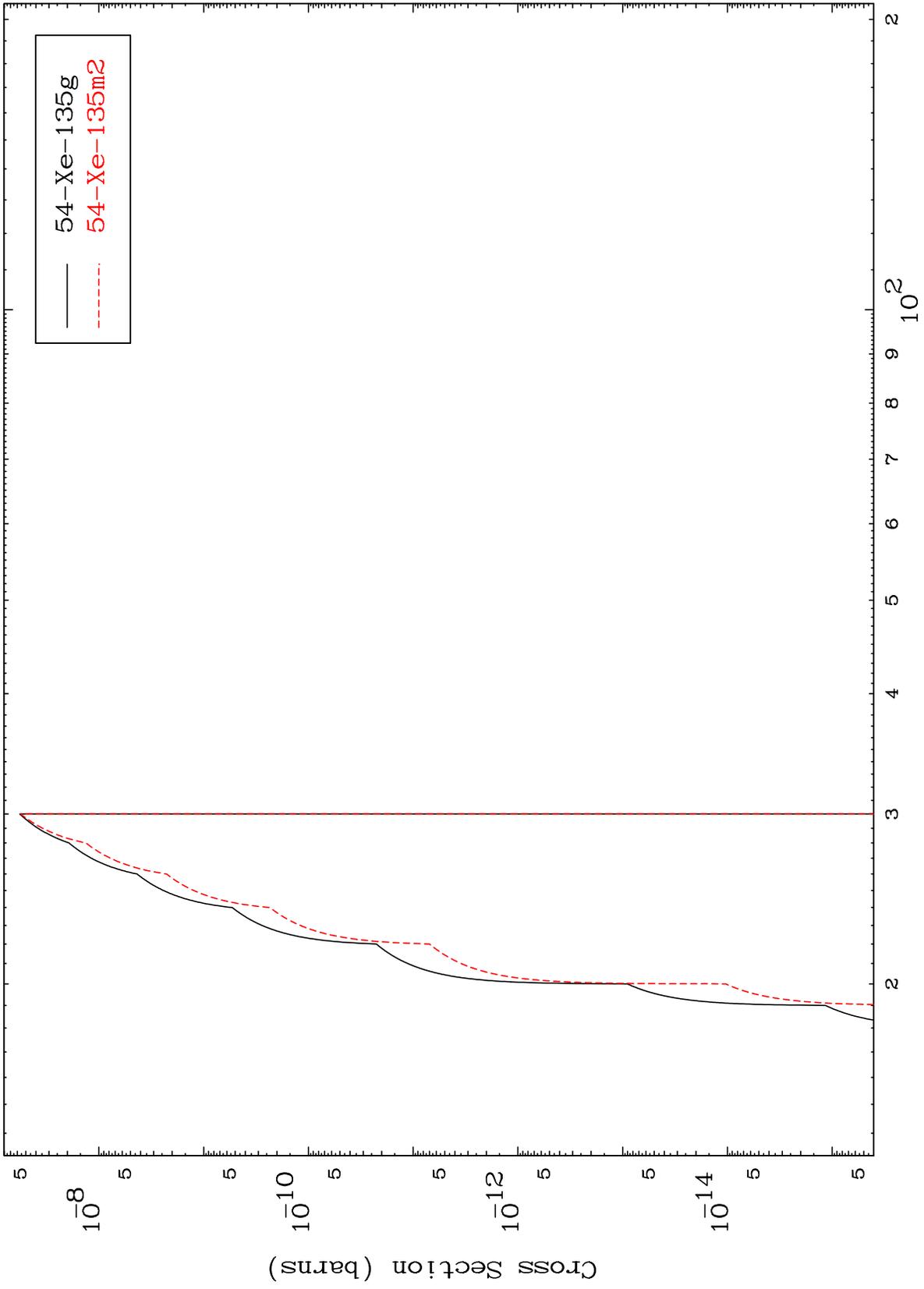
23

54-Xe-133

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54-Xe-133

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



24

54-Xe-133

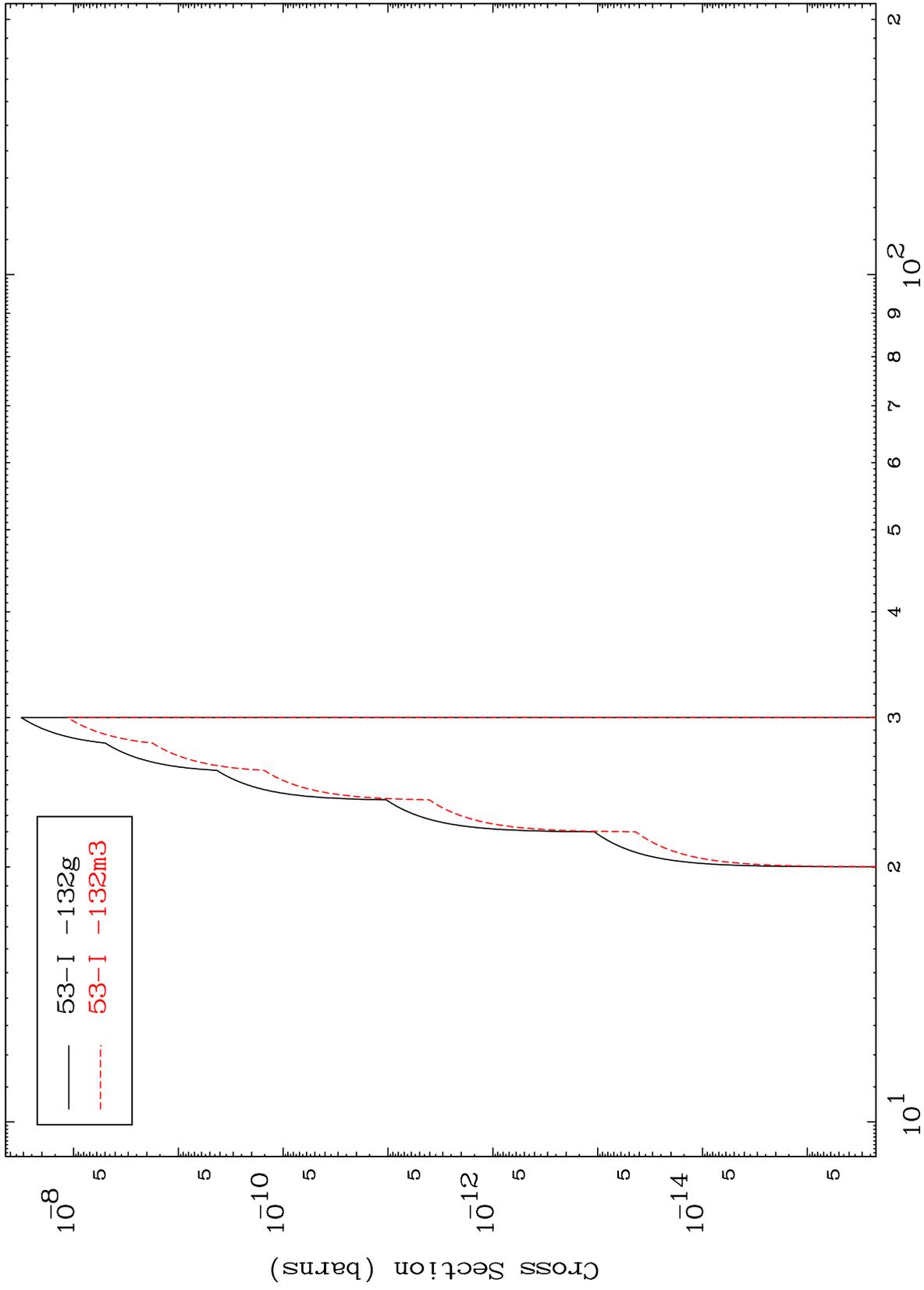
Incident Energy (MeV)

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(α, p) α

54-Xe-133

Radionuclide Production Cross Section



53-I-132g
53-I-132m3

25

Incident Energy (MeV)

54-Xe-133