

Program EVALPLOT
(Version 2018-1)

by

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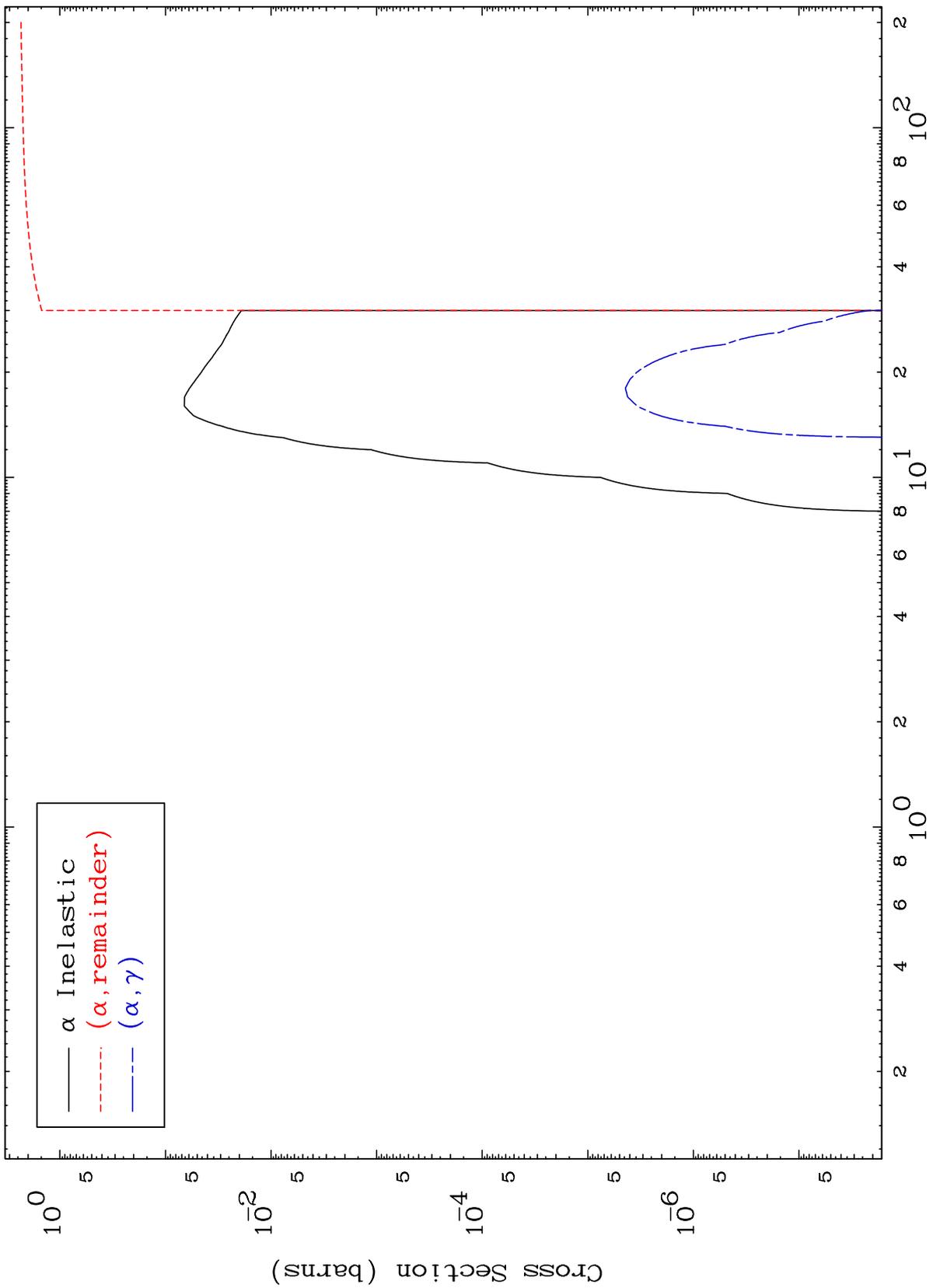
Press Mouse Button to Start

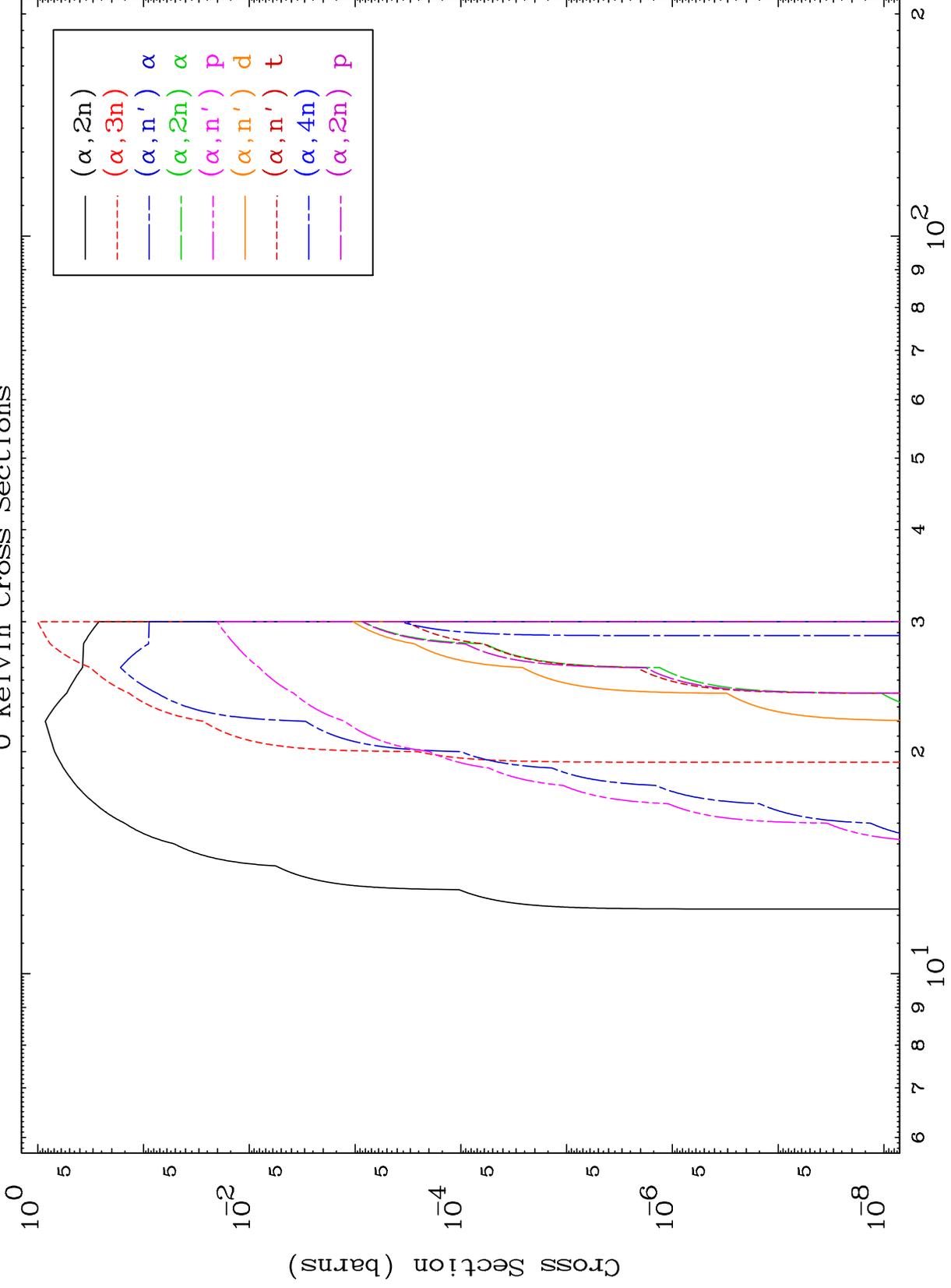
MAT 5459

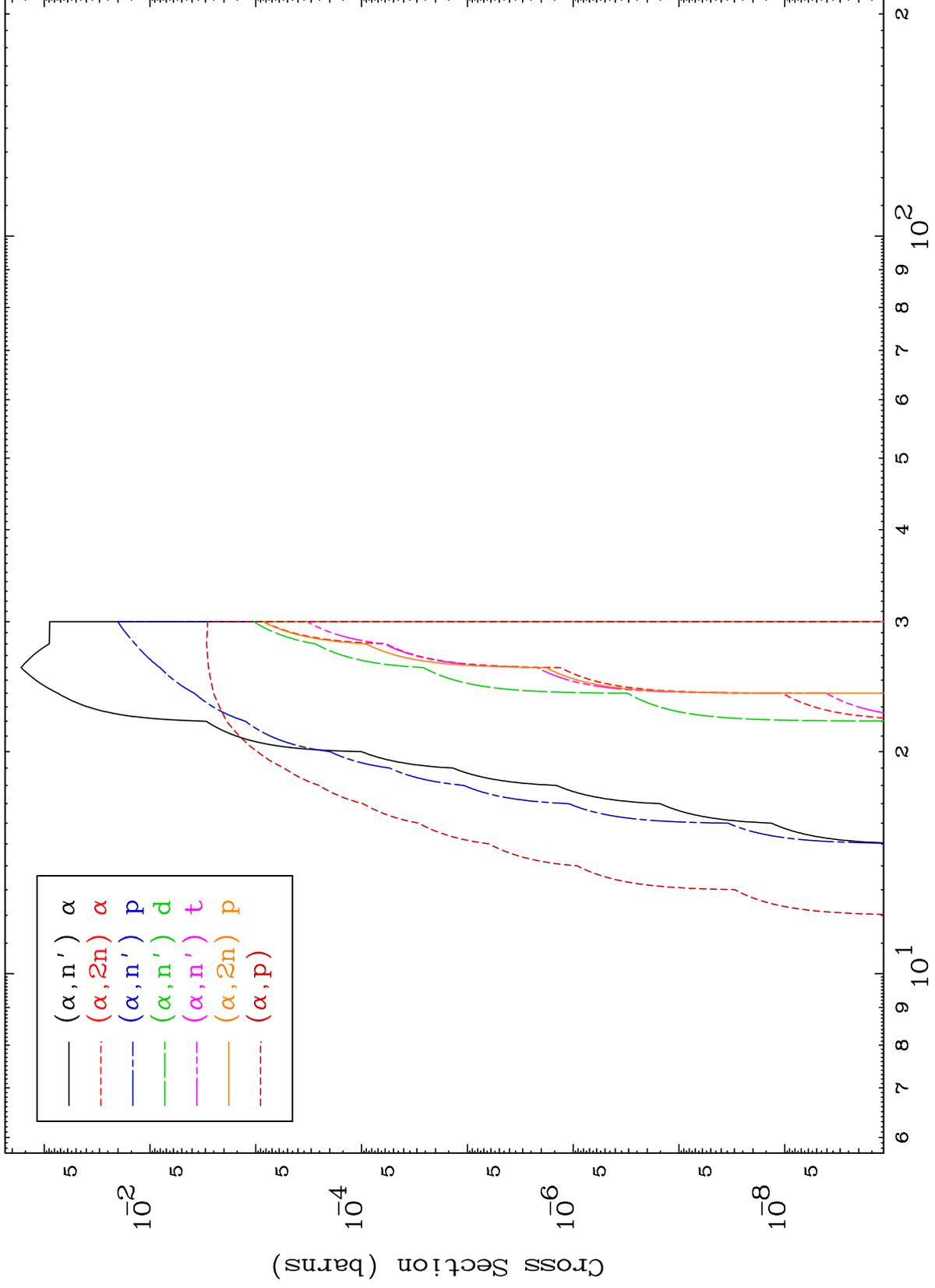
α Major

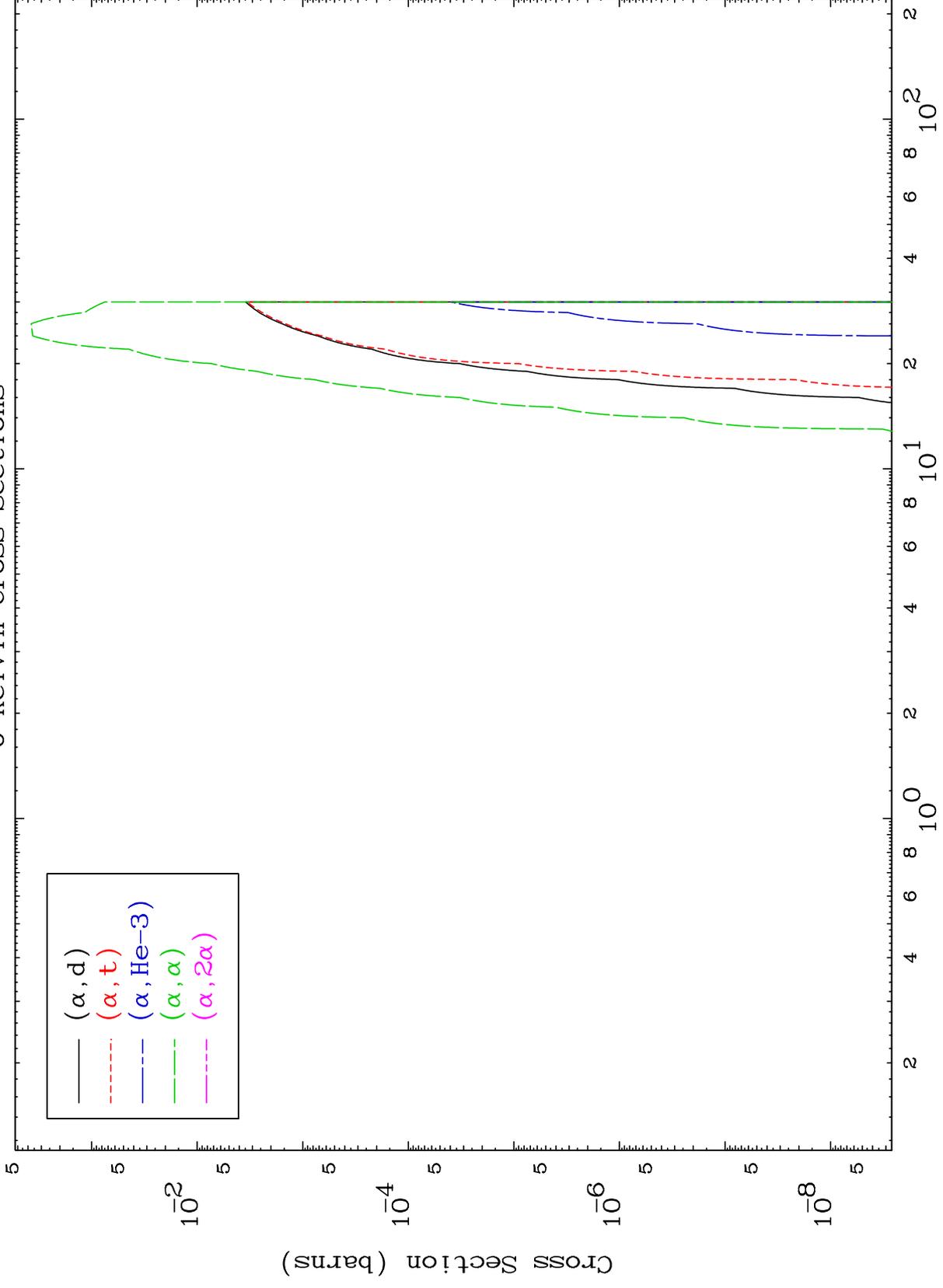
54-Xe-135

0 Kelvin Cross Sections







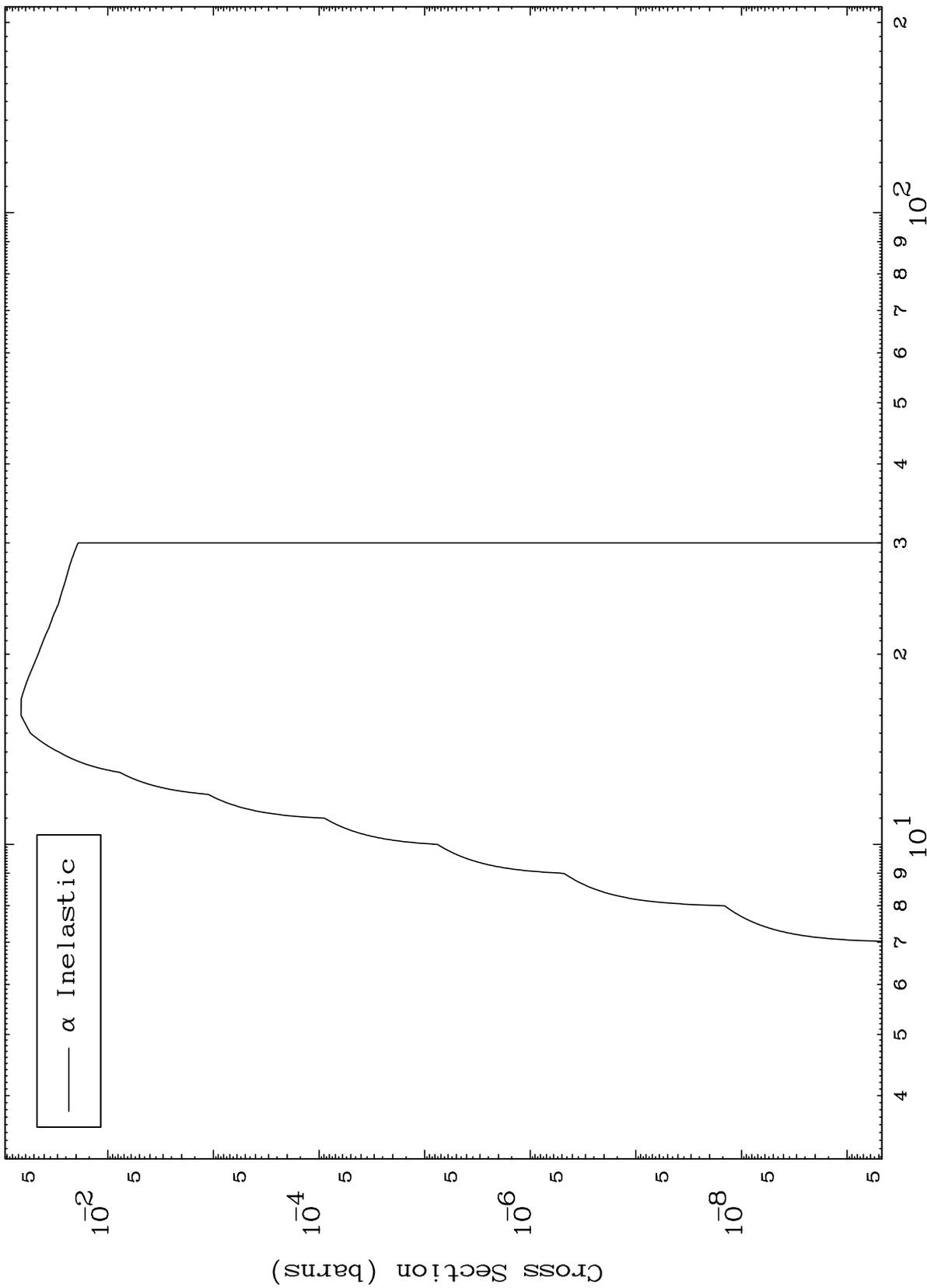


MAT 5459

(α, n') Level

54-Xe-135

0 Kelvin Cross Sections



Incident Energy (MeV)

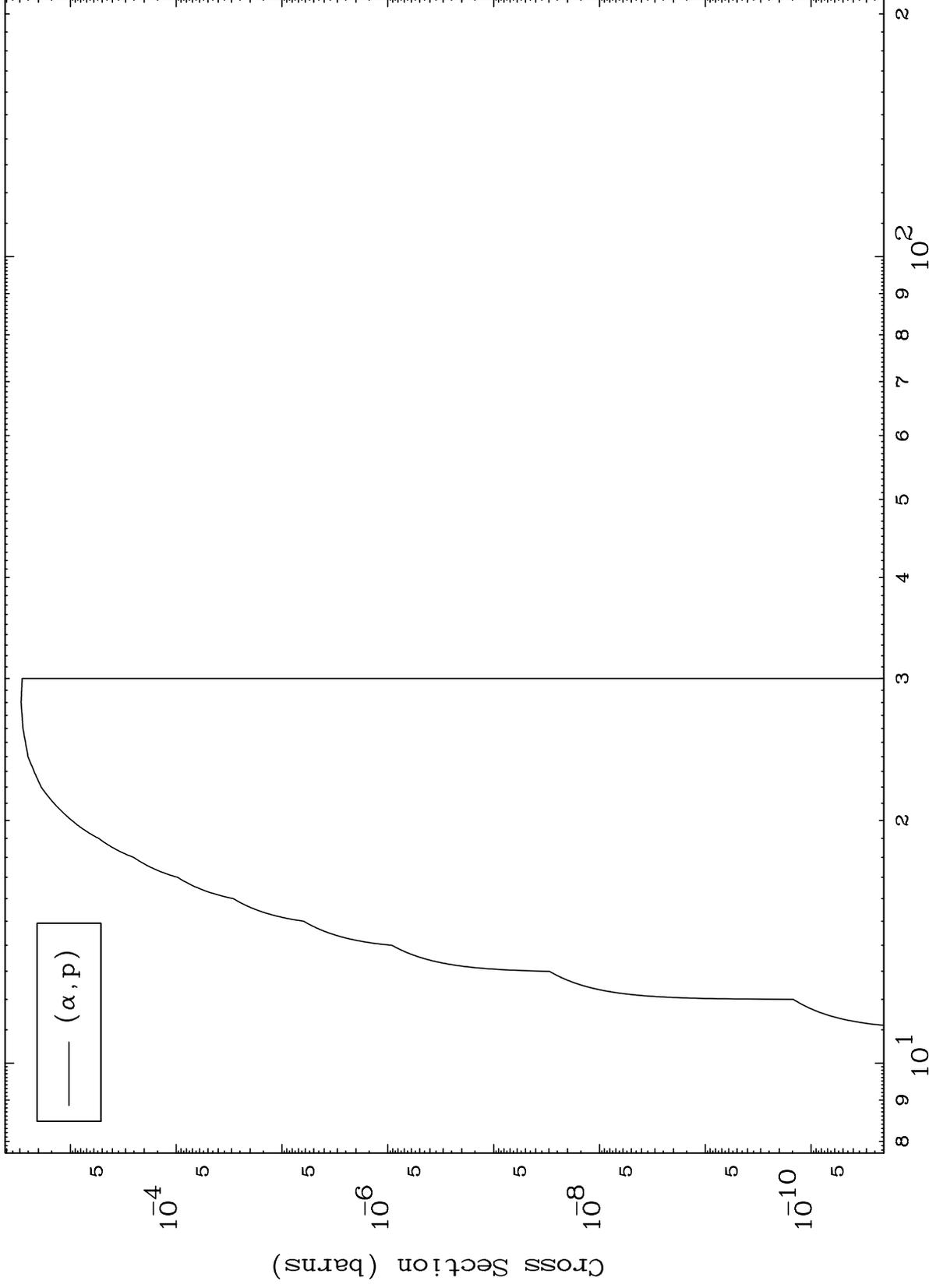
54-Xe-135

5

MAT 5459

(α, p) Levels
0 Kelvin Cross Sections

54-Xe-135



Incident Energy (MeV)

54-Xe-135

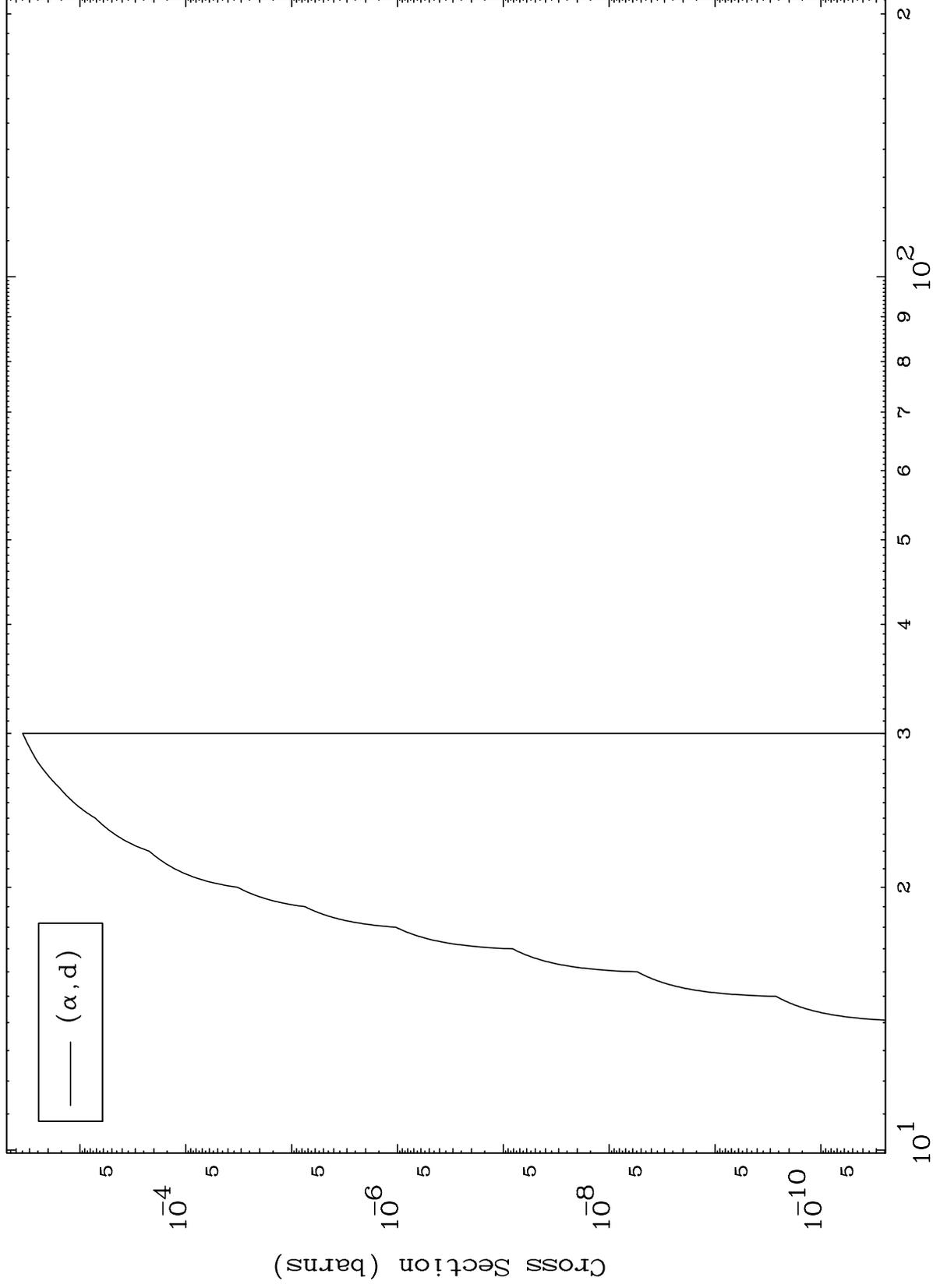
6

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(α, d) Levels

54-Xe-135

0 Kelvin Cross Sections



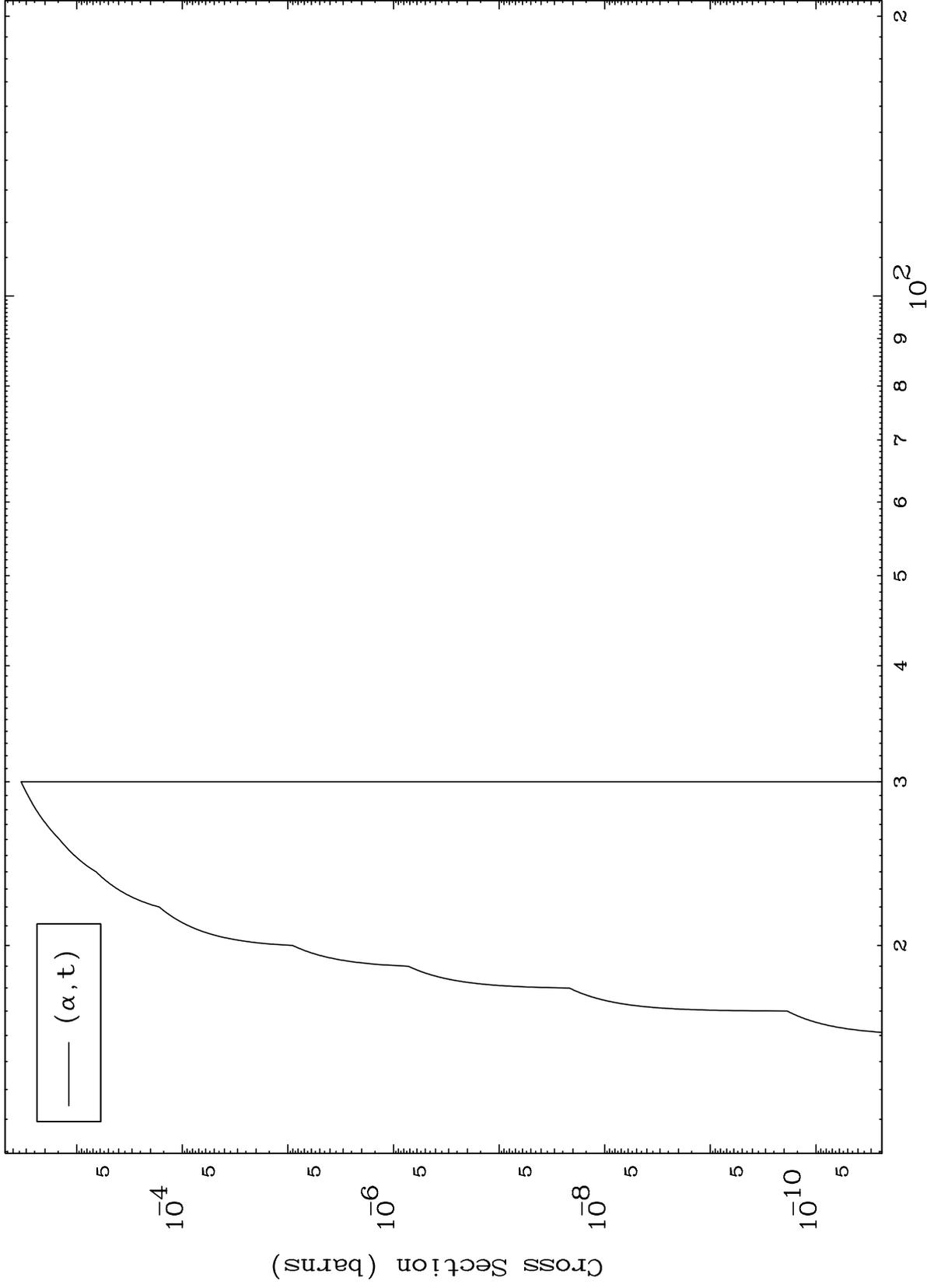
Incident Energy (MeV)

54-Xe-135

MAT 5459

(α, t) Levels
0 Kelvin Cross Sections

54-Xe-135

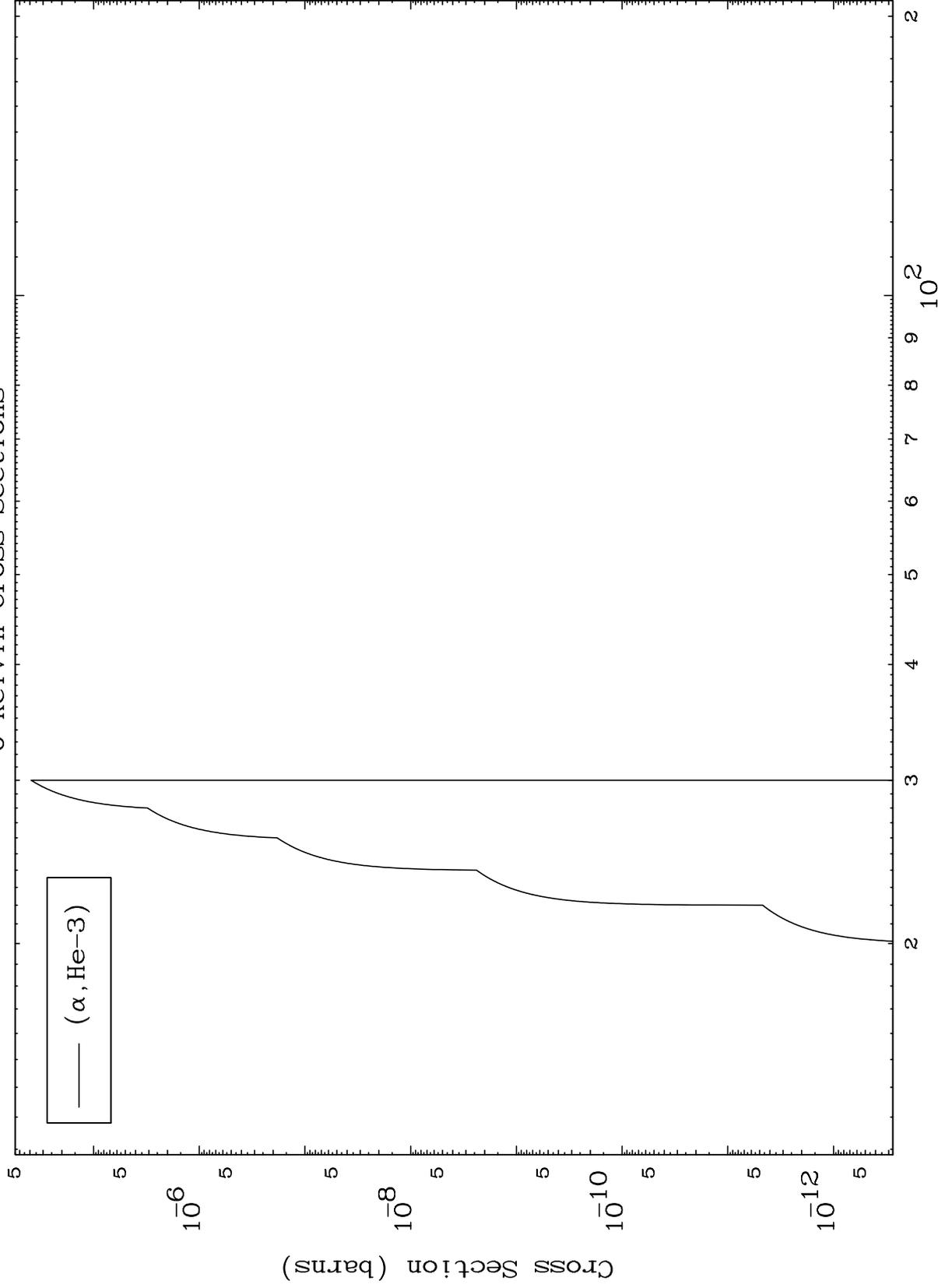


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Incident Energy (MeV)

54-Xe-135

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

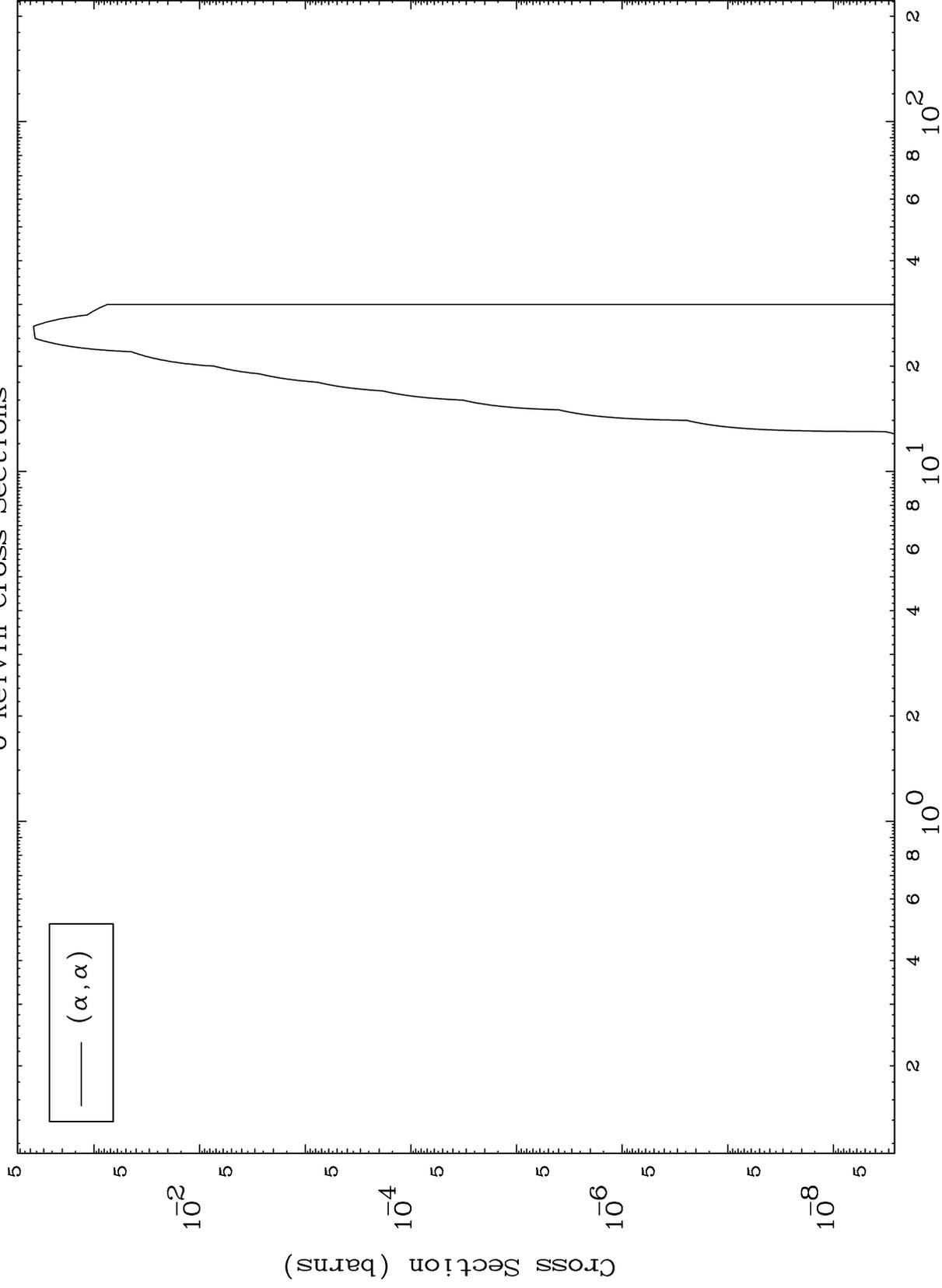


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(α, α) Levels

54-Xe-135

0 Kelvin Cross Sections



10

Incident Energy (MeV)

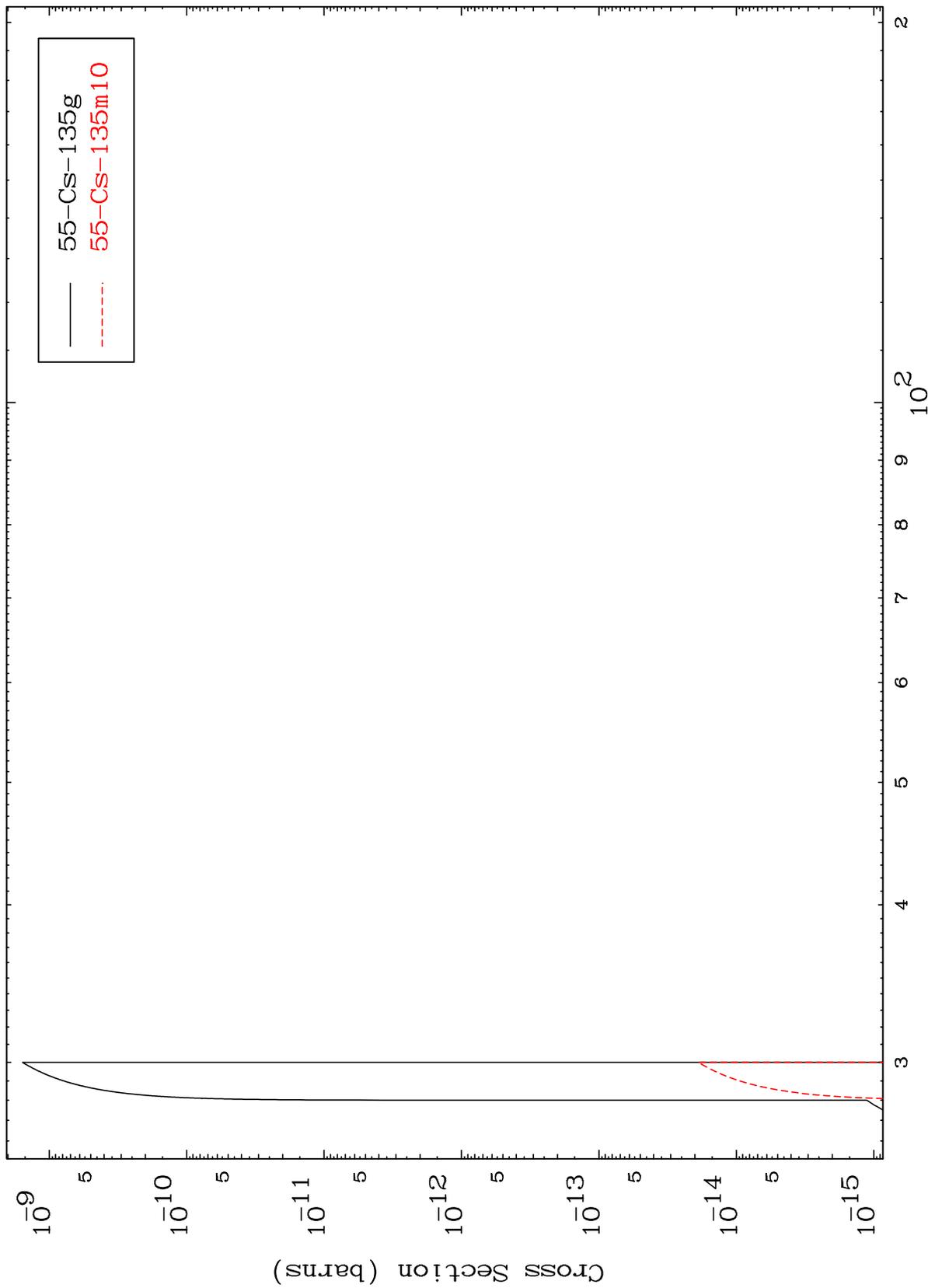
54-Xe-135

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($\alpha, 2n$) d

54-Xe-135

Radionuclide Production Cross Section

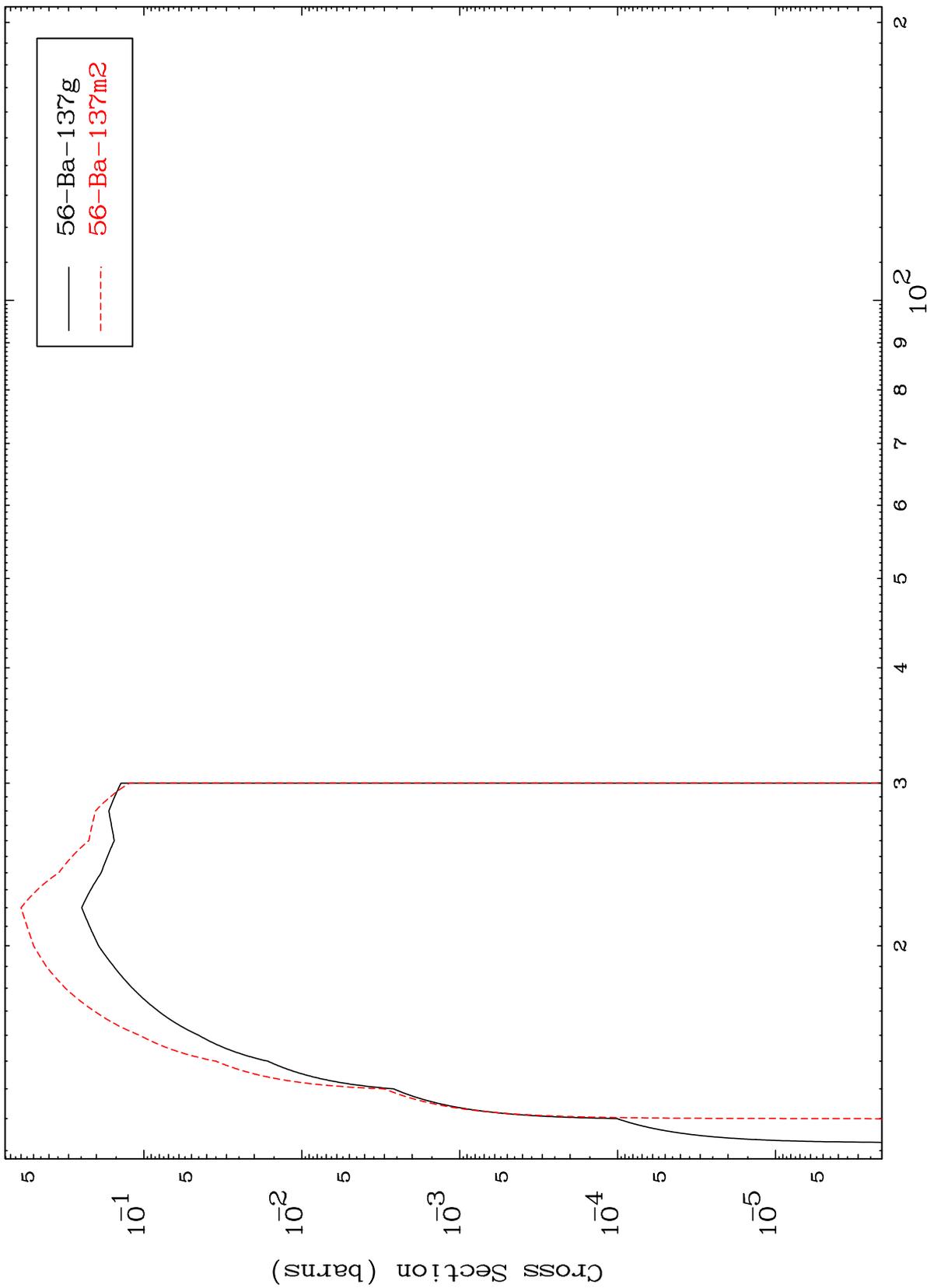


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Incident Energy (MeV)

54-Xe-135

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

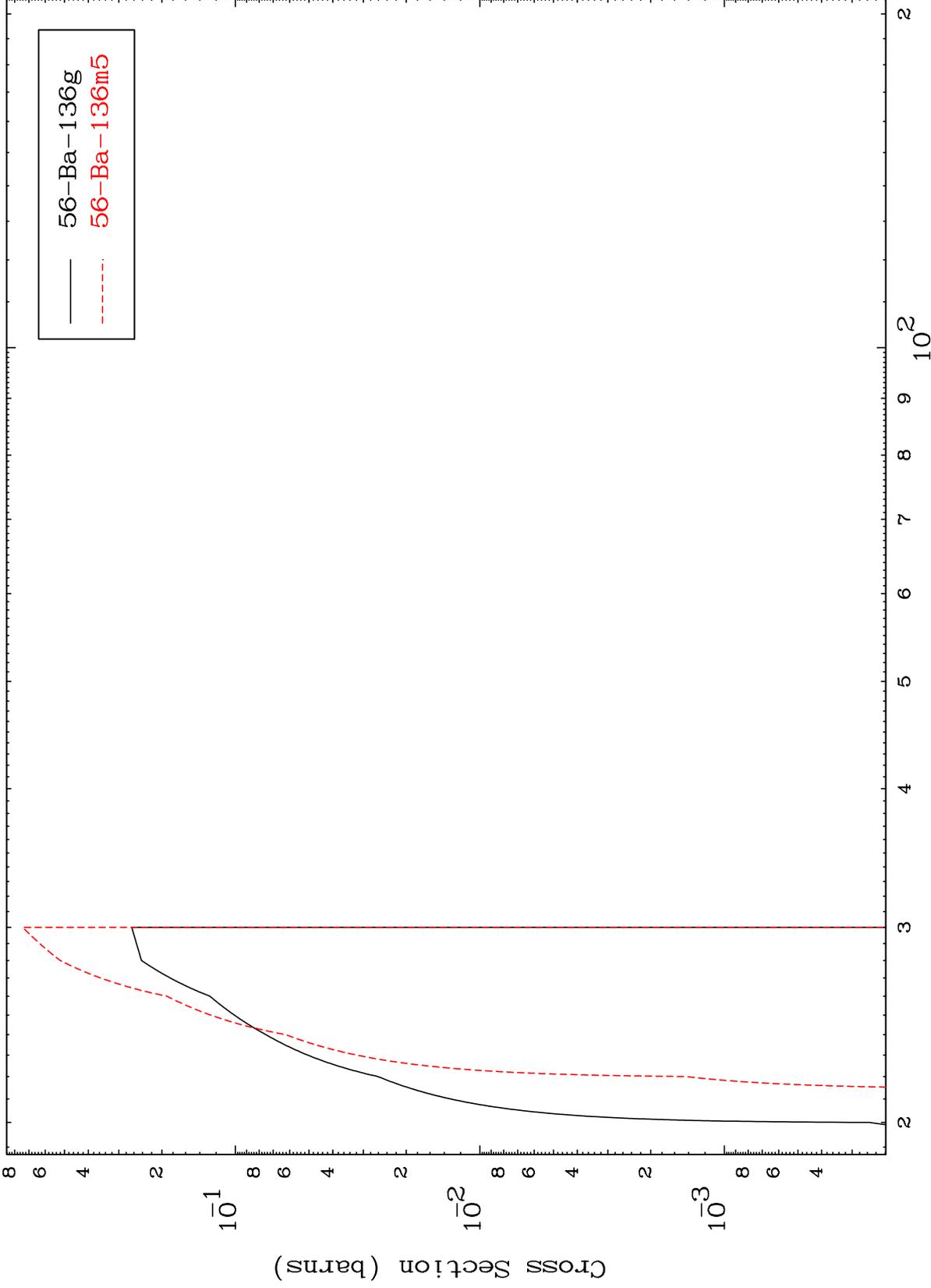


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($\alpha, 3n$)

54-Xe-135

Radionuclide Production Cross Section



13

Incident Energy (MeV)

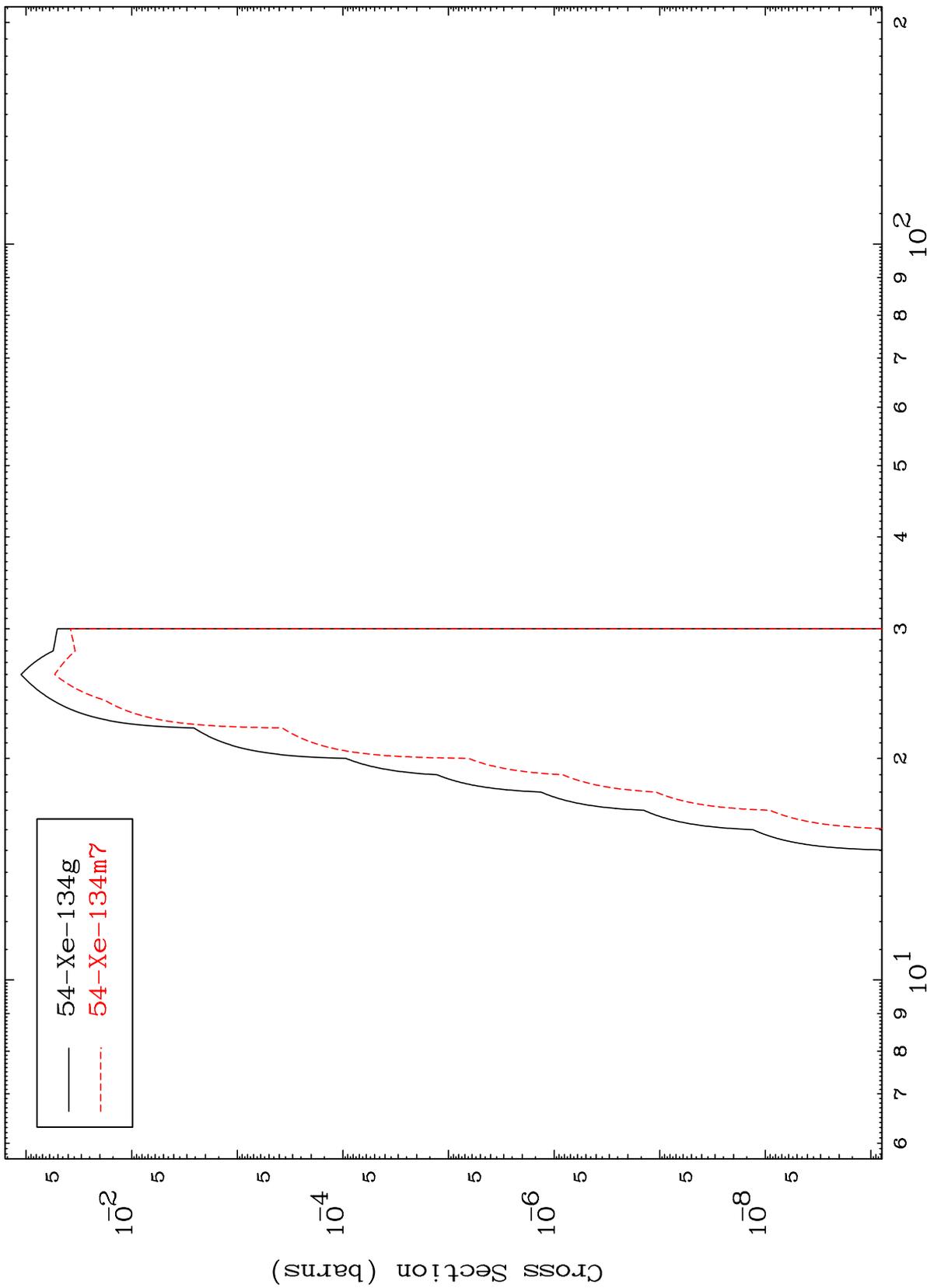
54-Xe-135

MAT 5459

54-Xe-135

(α, n') α

Radionuclide Production Cross Section



14

Incident Energy (MeV)

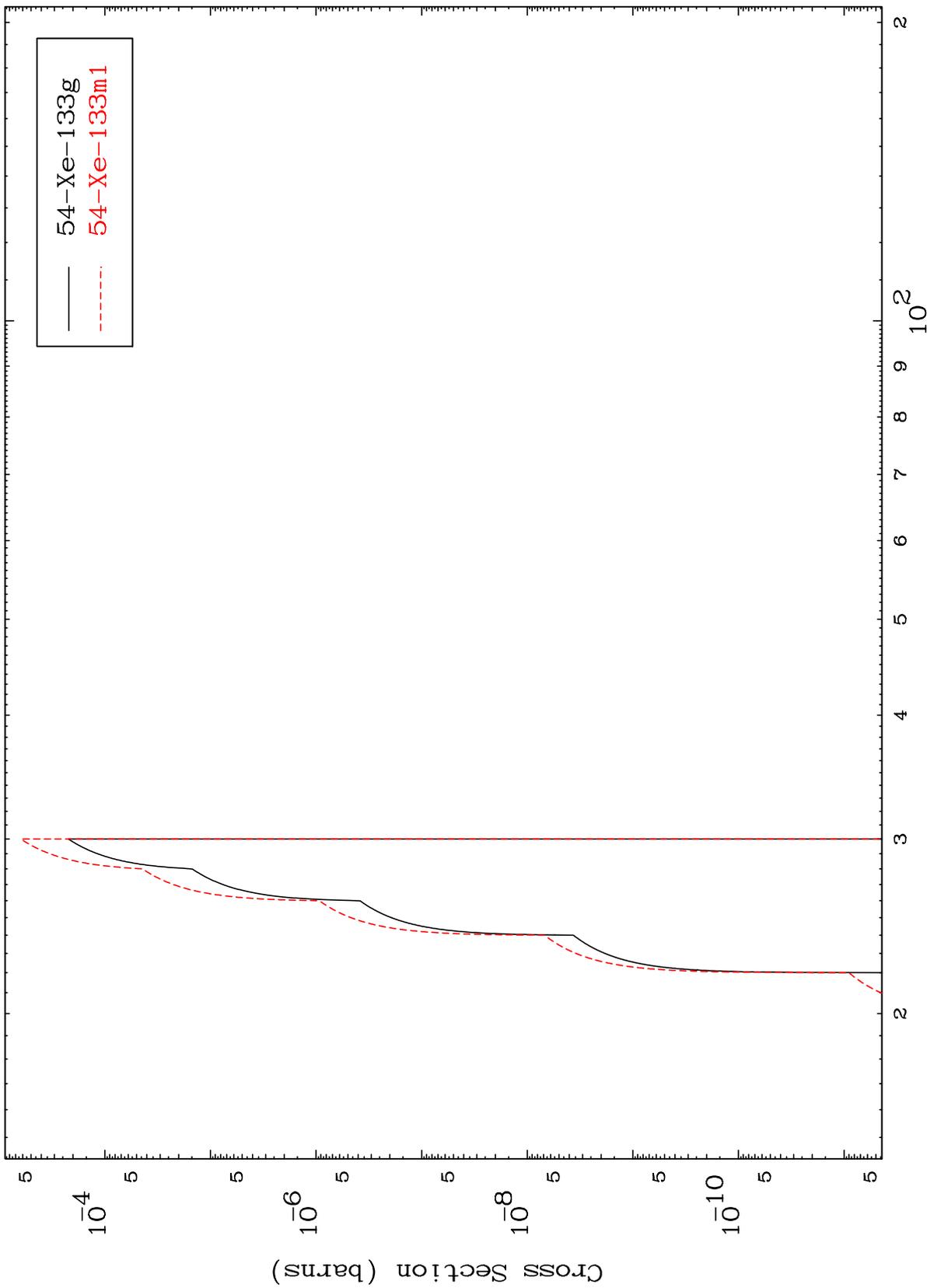
54-Xe-135

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$(\alpha, 2n) \alpha$

54-Xe-135

Radionuclide Production Cross Section



15

Incident Energy (MeV)

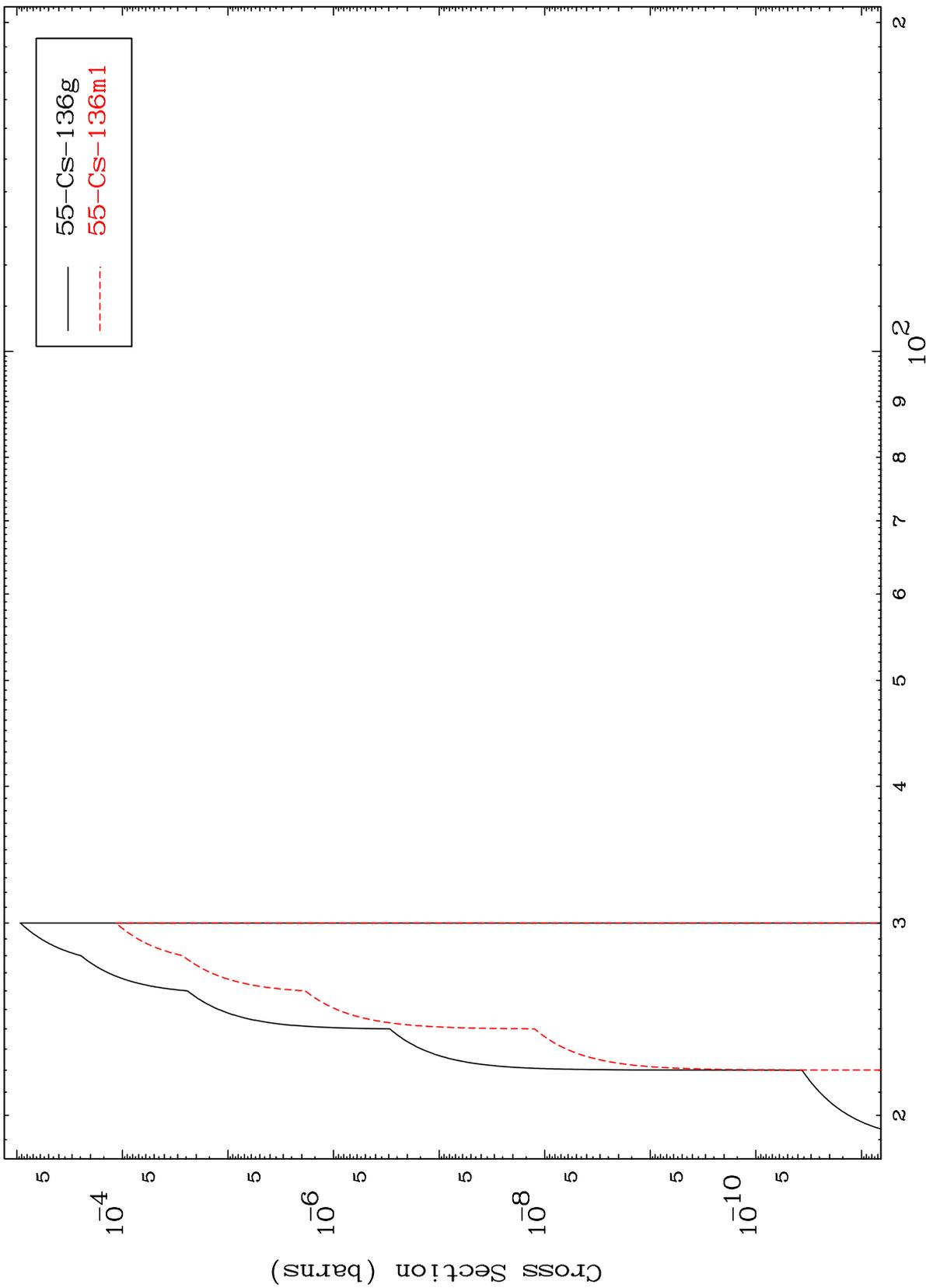
54-Xe-135

MAT 5459

(α, n') d

54-Xe-135

Radionuclide Production Cross Section



16

Incident Energy (MeV)

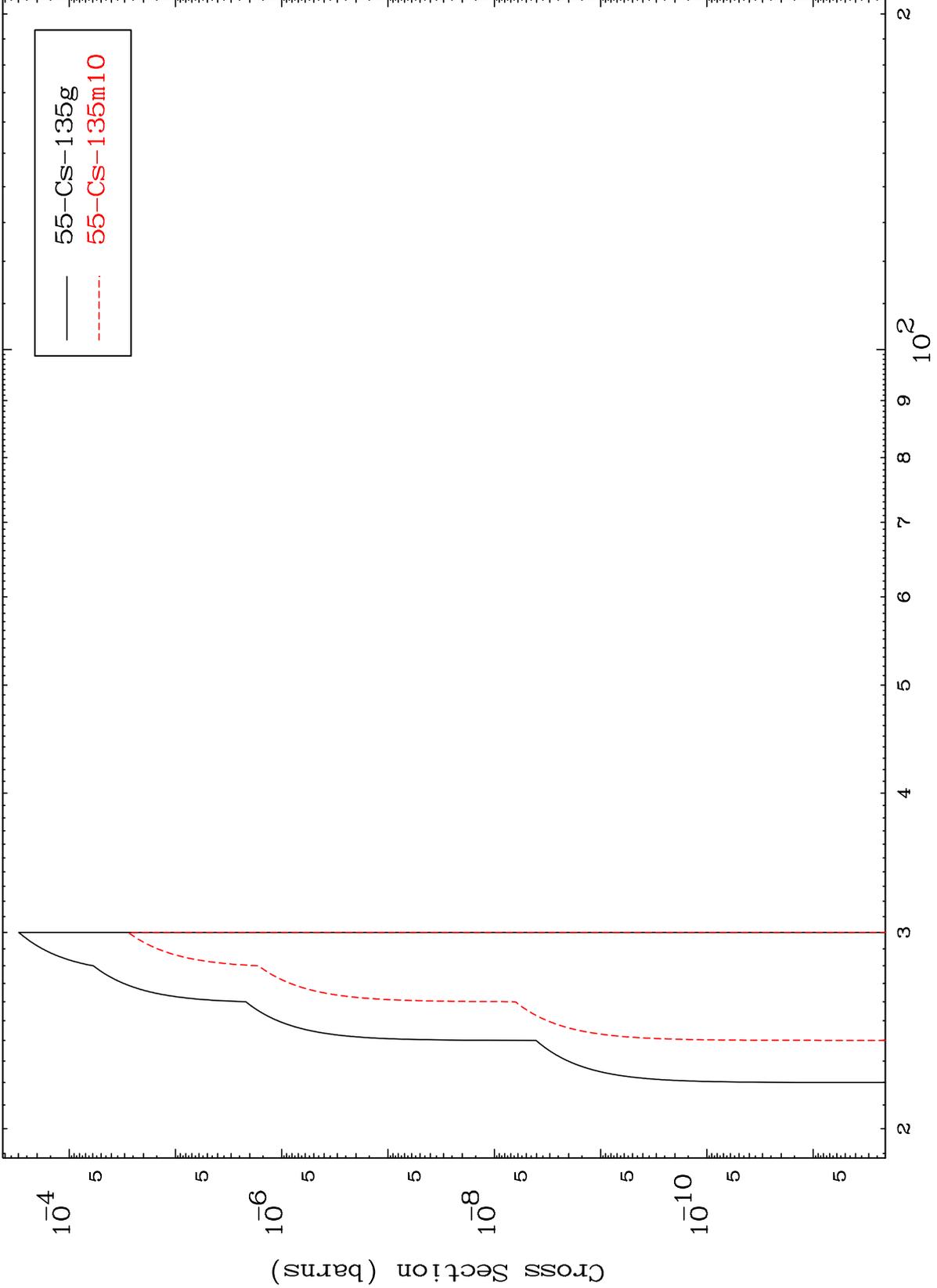
54-Xe-135

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(α, n') t

54-Xe-135

Radionuclide Production Cross Section



17

Incident Energy (MeV)

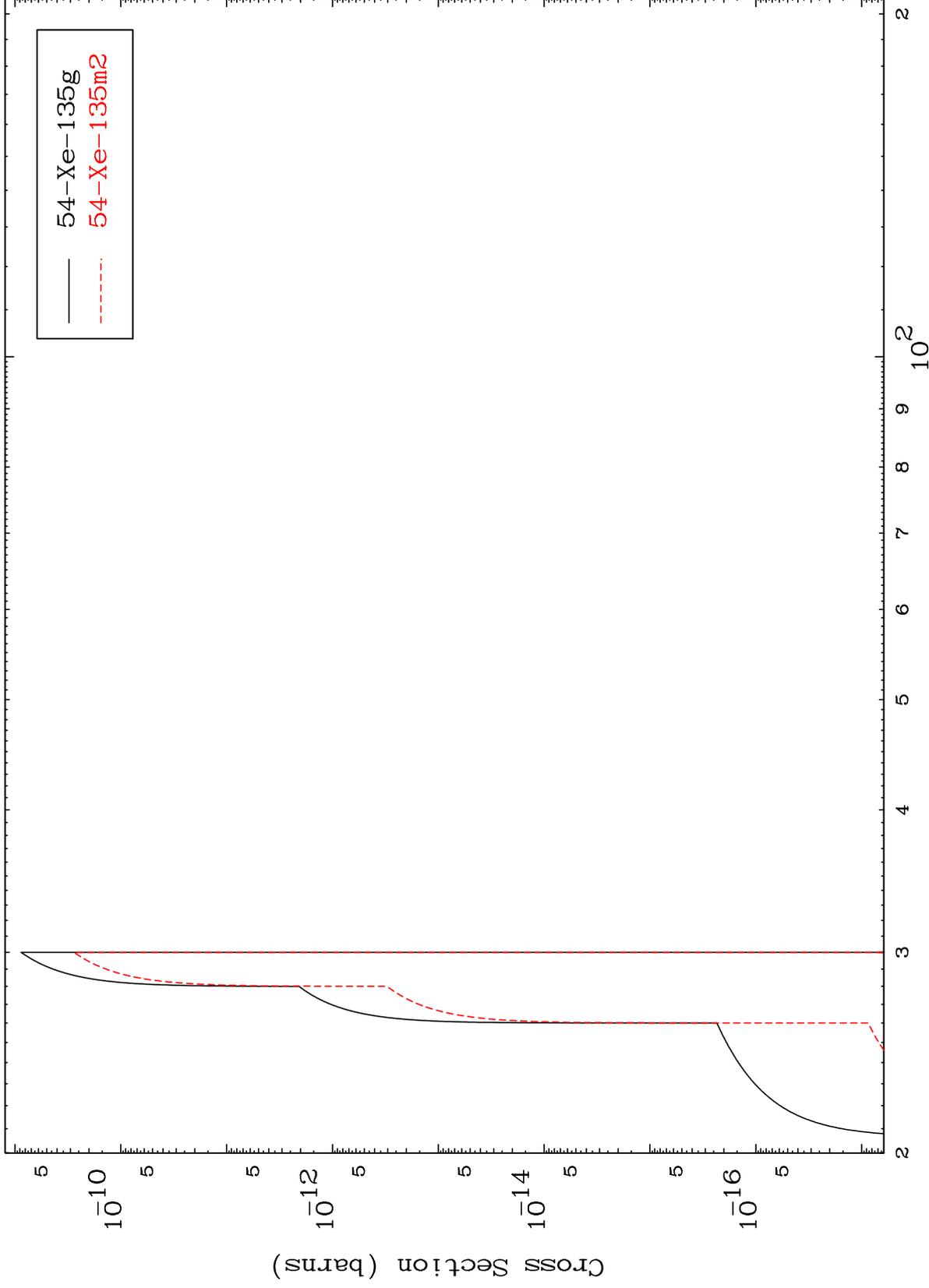
54-Xe-135

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(α, n') He-3

54-Xe-135

Radionuclide Production Cross Section



18

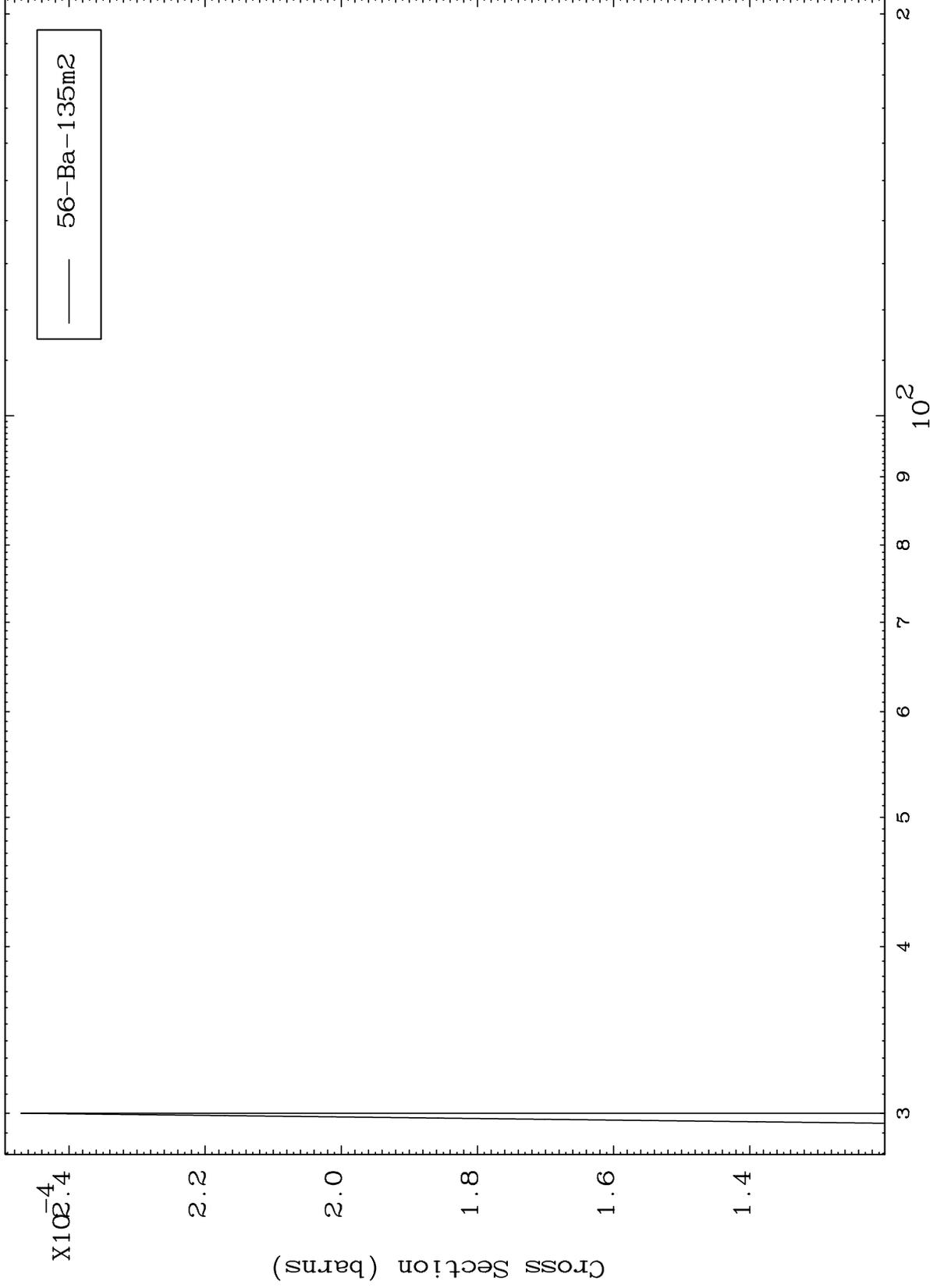
Incident Energy (MeV)

54-Xe-135

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54-Xe-135

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



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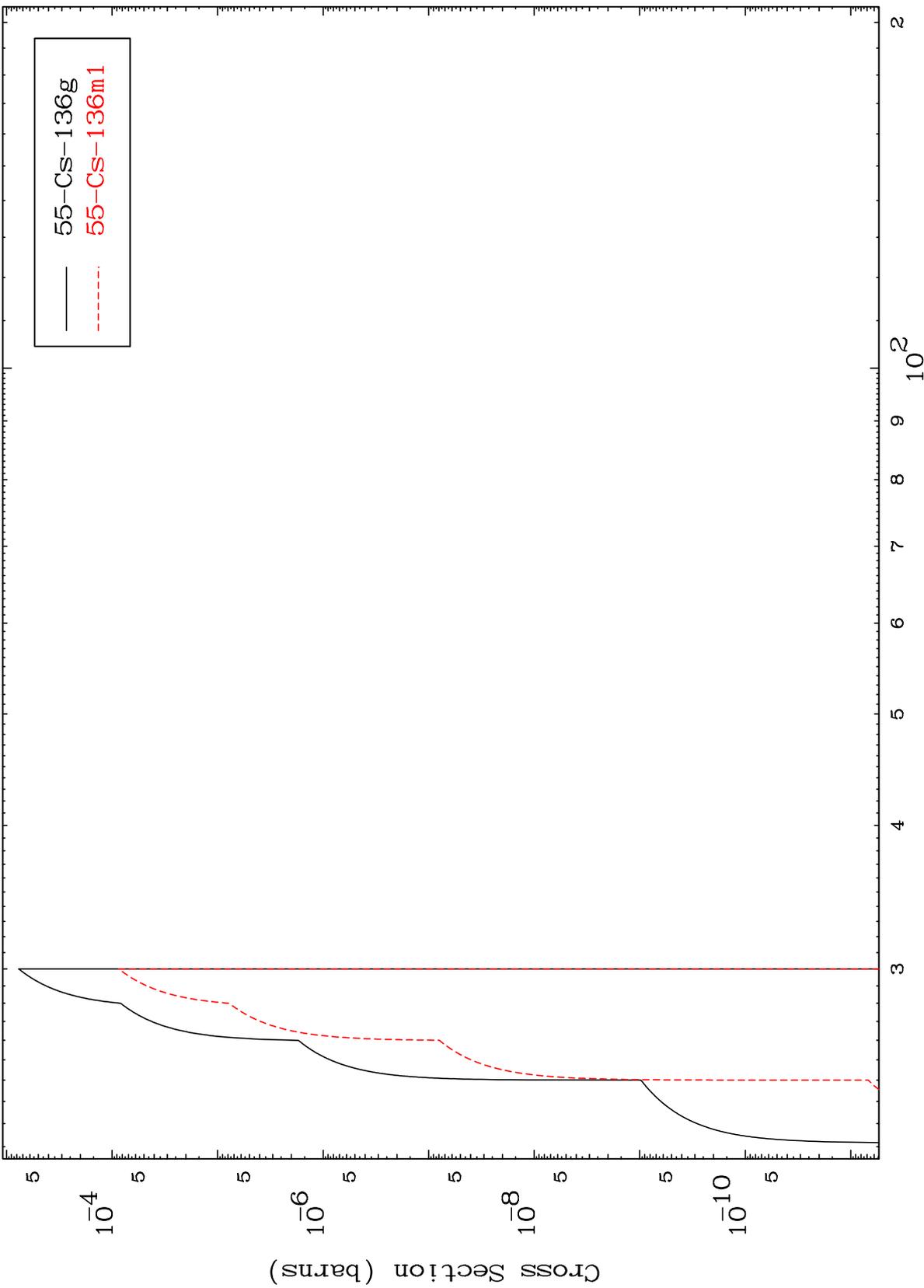
54-Xe-135

Incident Energy (MeV)

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54-Xe-135

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



55-Cs-136g
55-Cs-136m1

20

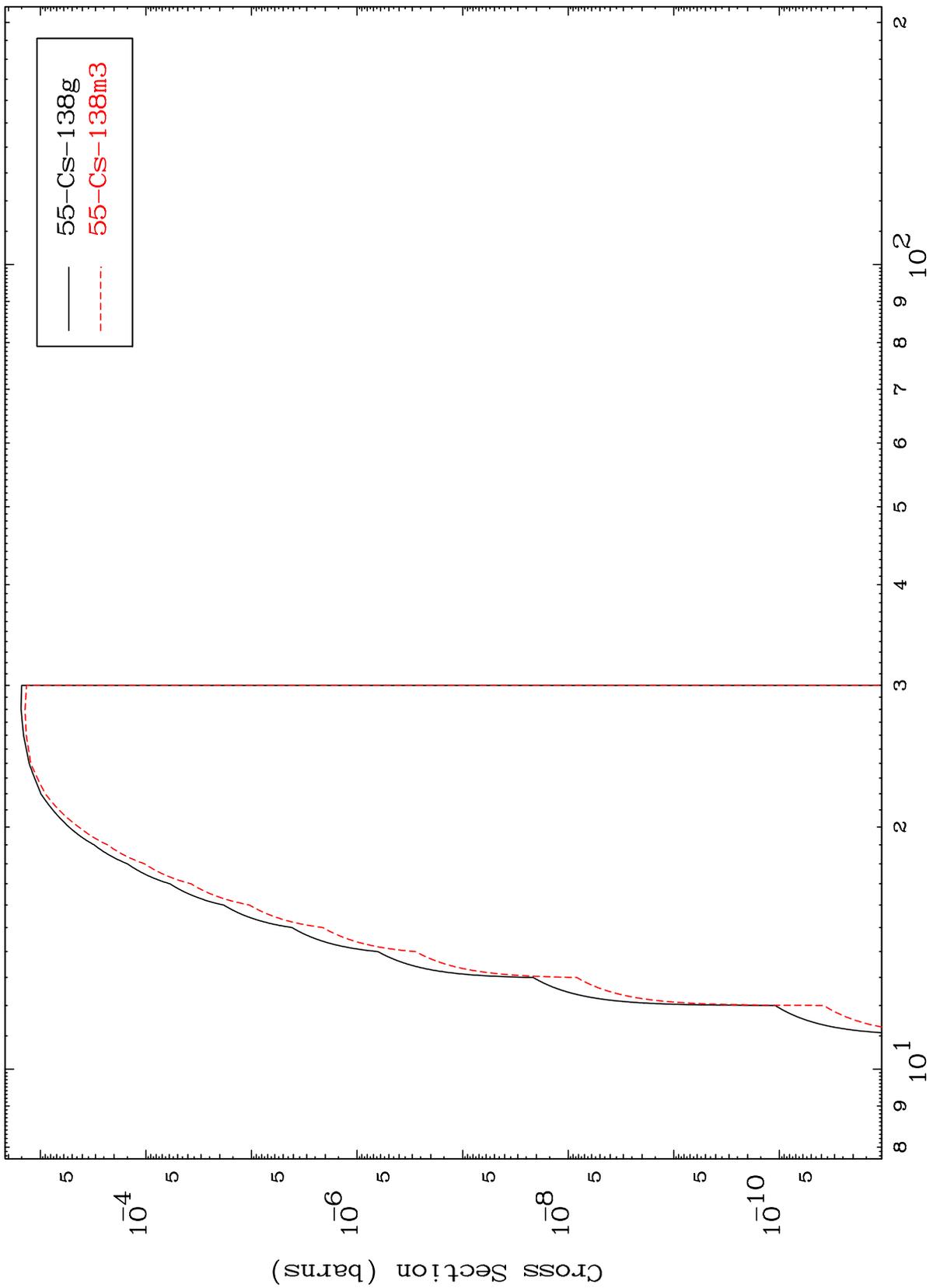
Incident Energy (MeV)

54-Xe-135

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54-Xe-135

(α, p)
Radionuclide Production Cross Section

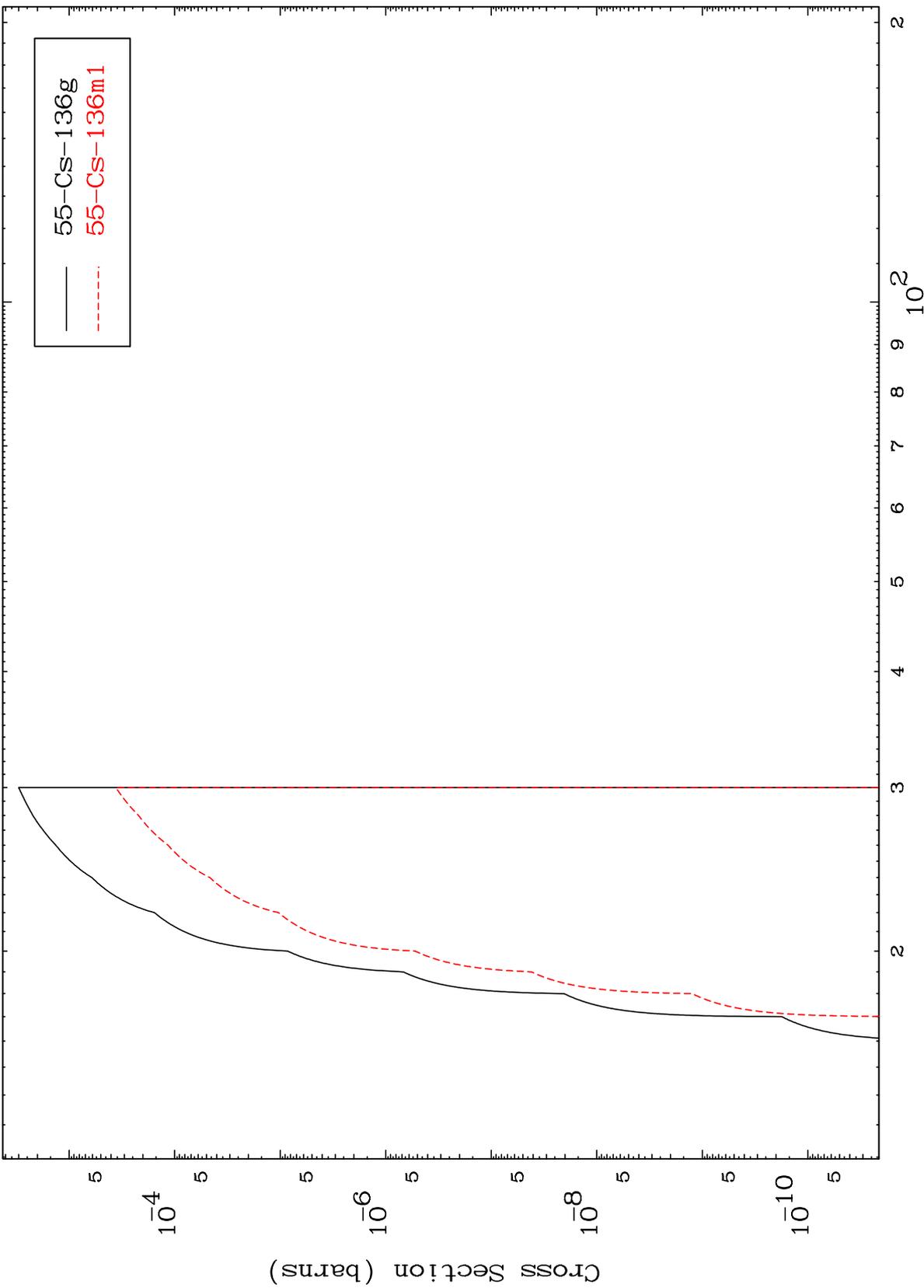


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Incident Energy (MeV)

54-Xe-135

(α, t)
Radionuclide Production Cross Section

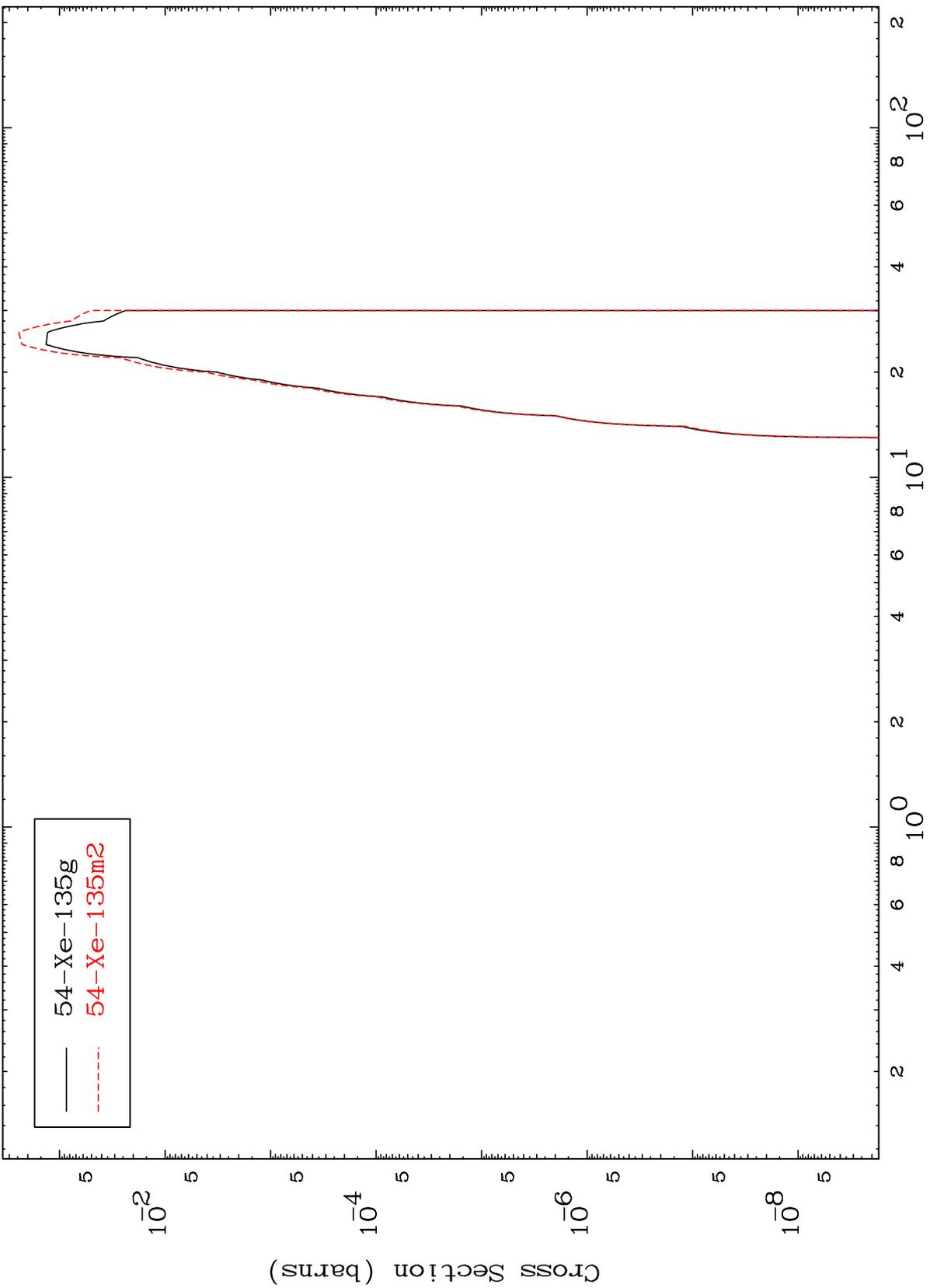


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54-Xe-135

(α, α)

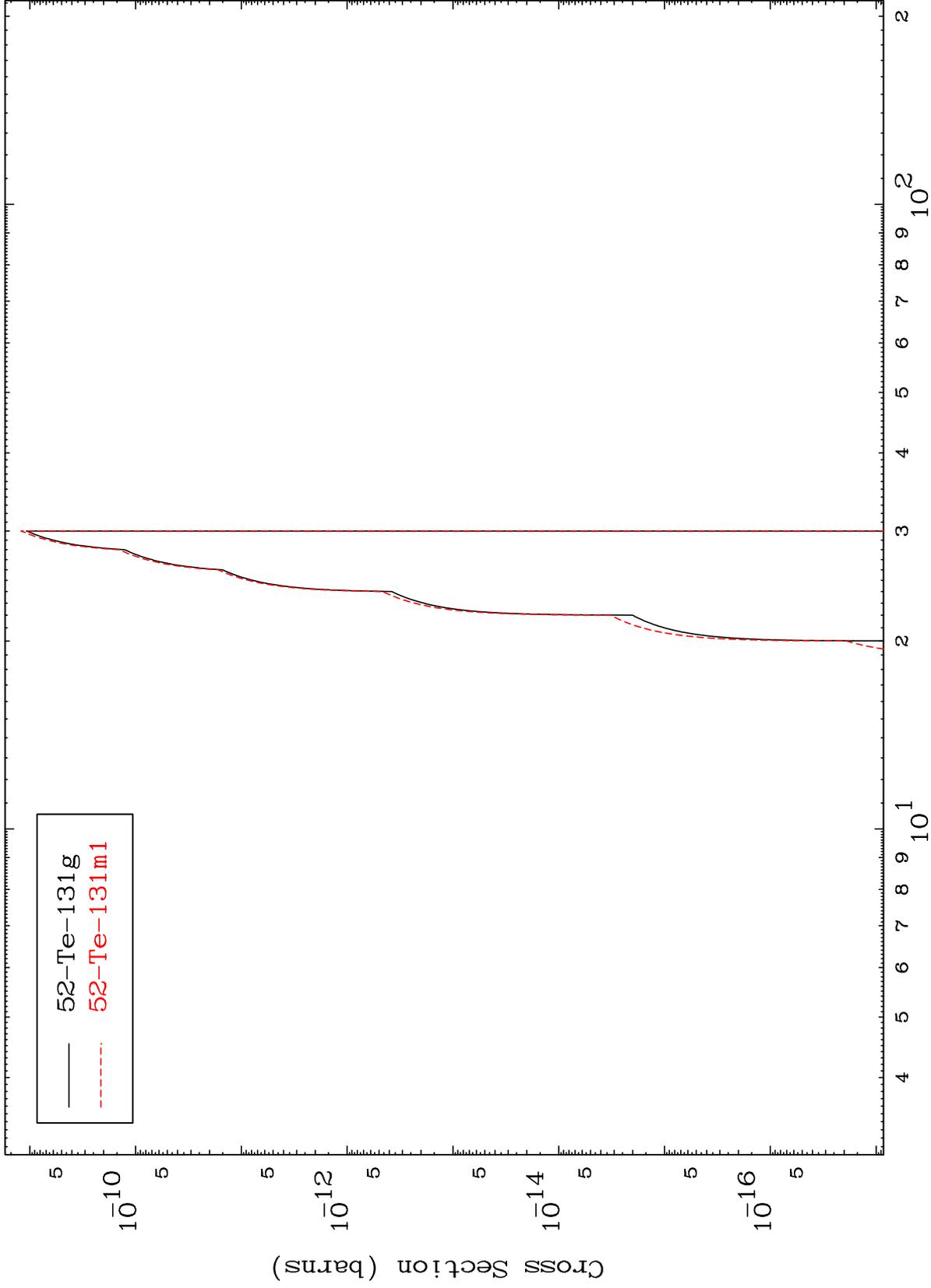
Radionuclide Production Cross Section



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54-Xe-135

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



24

Incident Energy (MeV)

54-Xe-135

Radionuclide Production Cross Section

