

Program EVALPLOT
(Version 2018-1)

by

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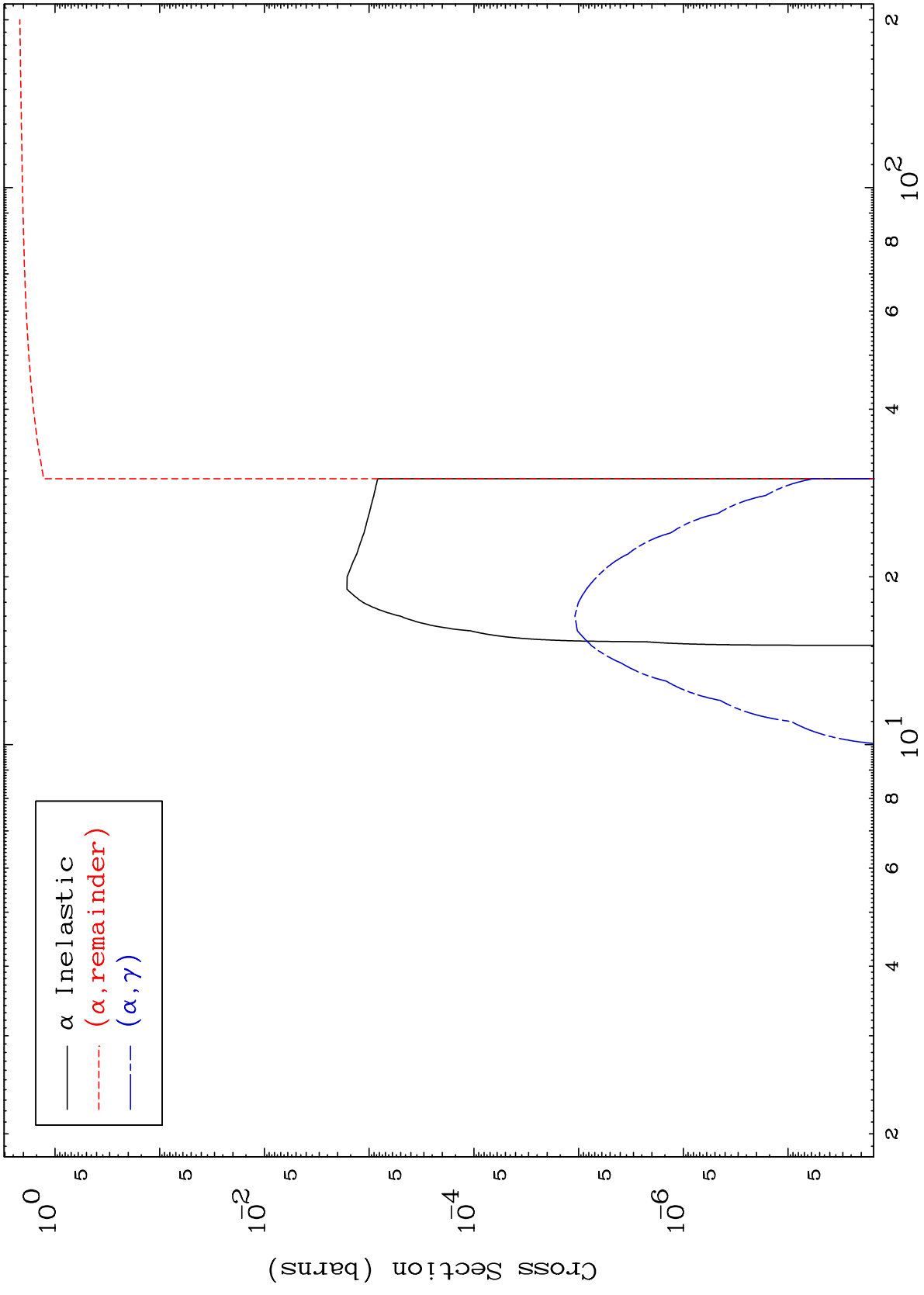
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5477

0 Kelvin α Major
Cross Sections

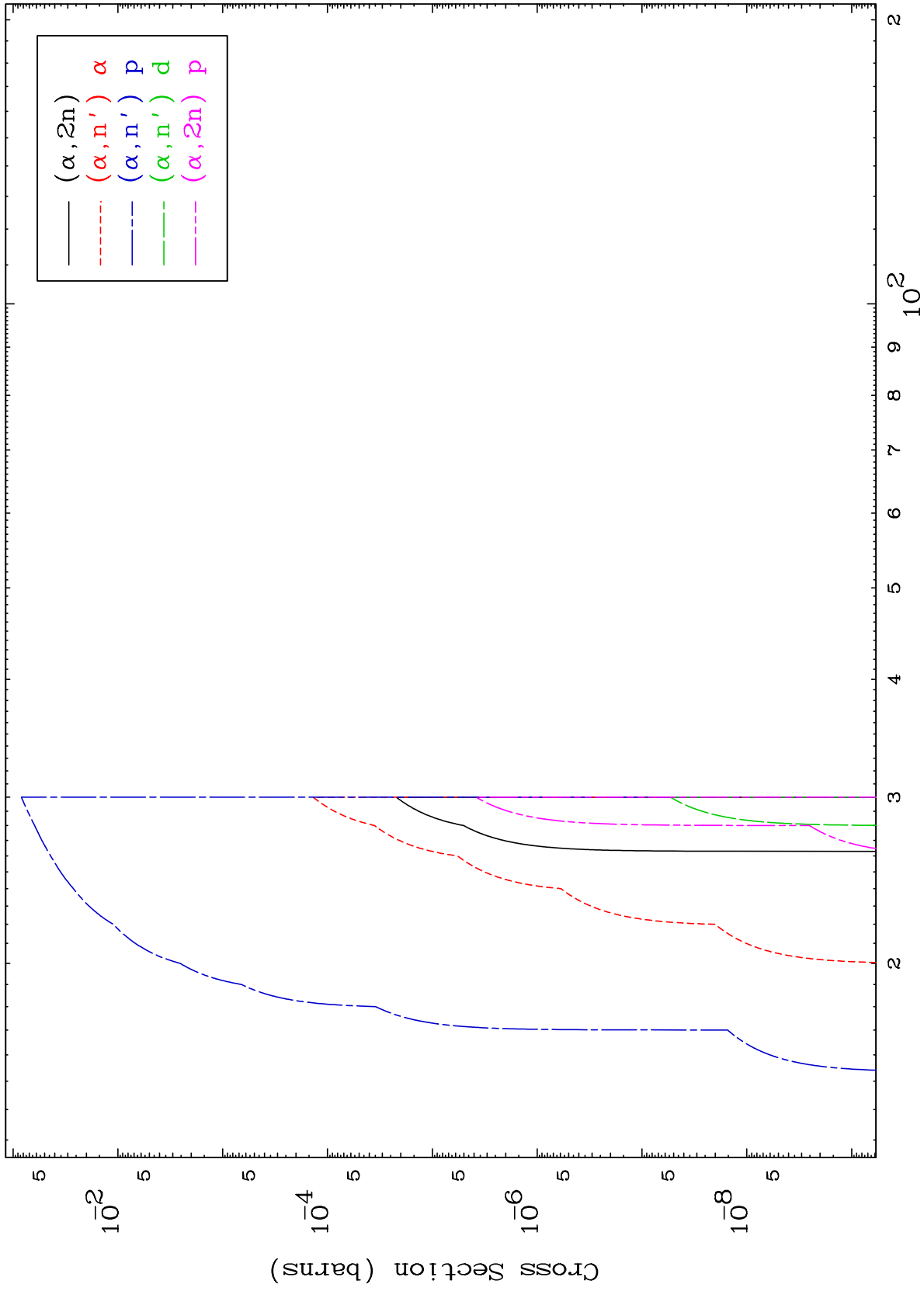
55-Cs-117

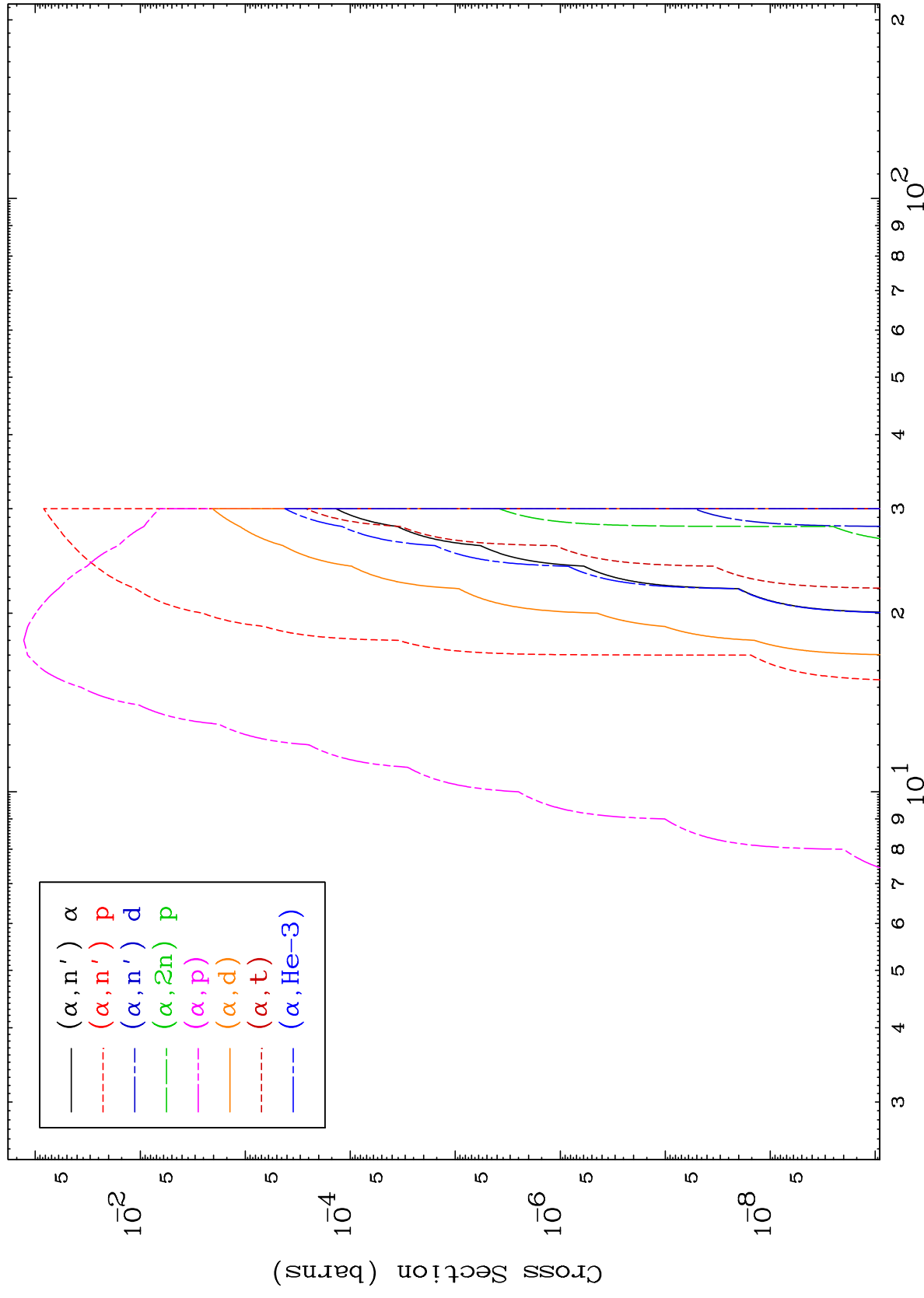


55-Cs-117

Incident Energy (MeV)

1

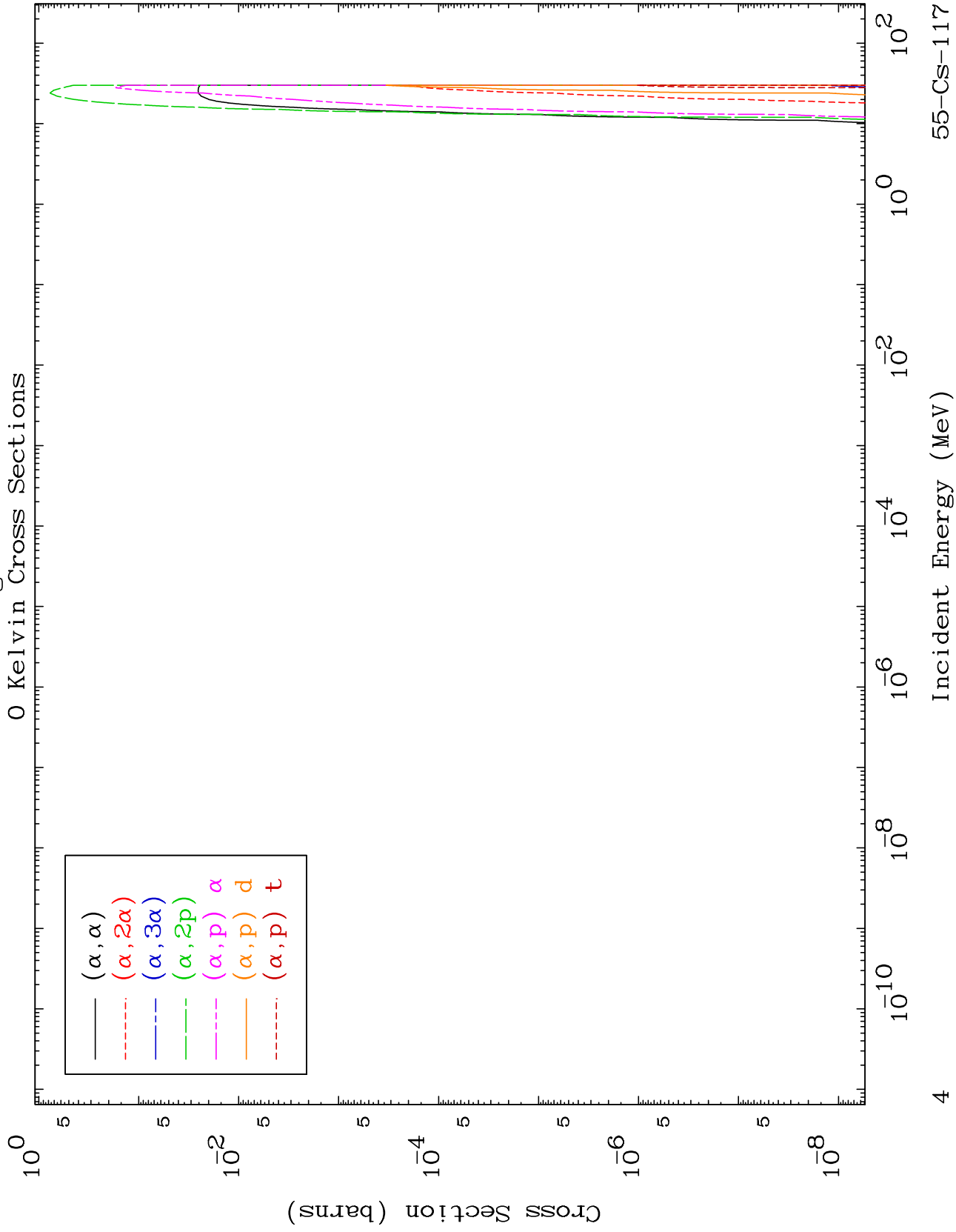




MAT 5477

α Charged Particle
0 Kelvin Cross Sections

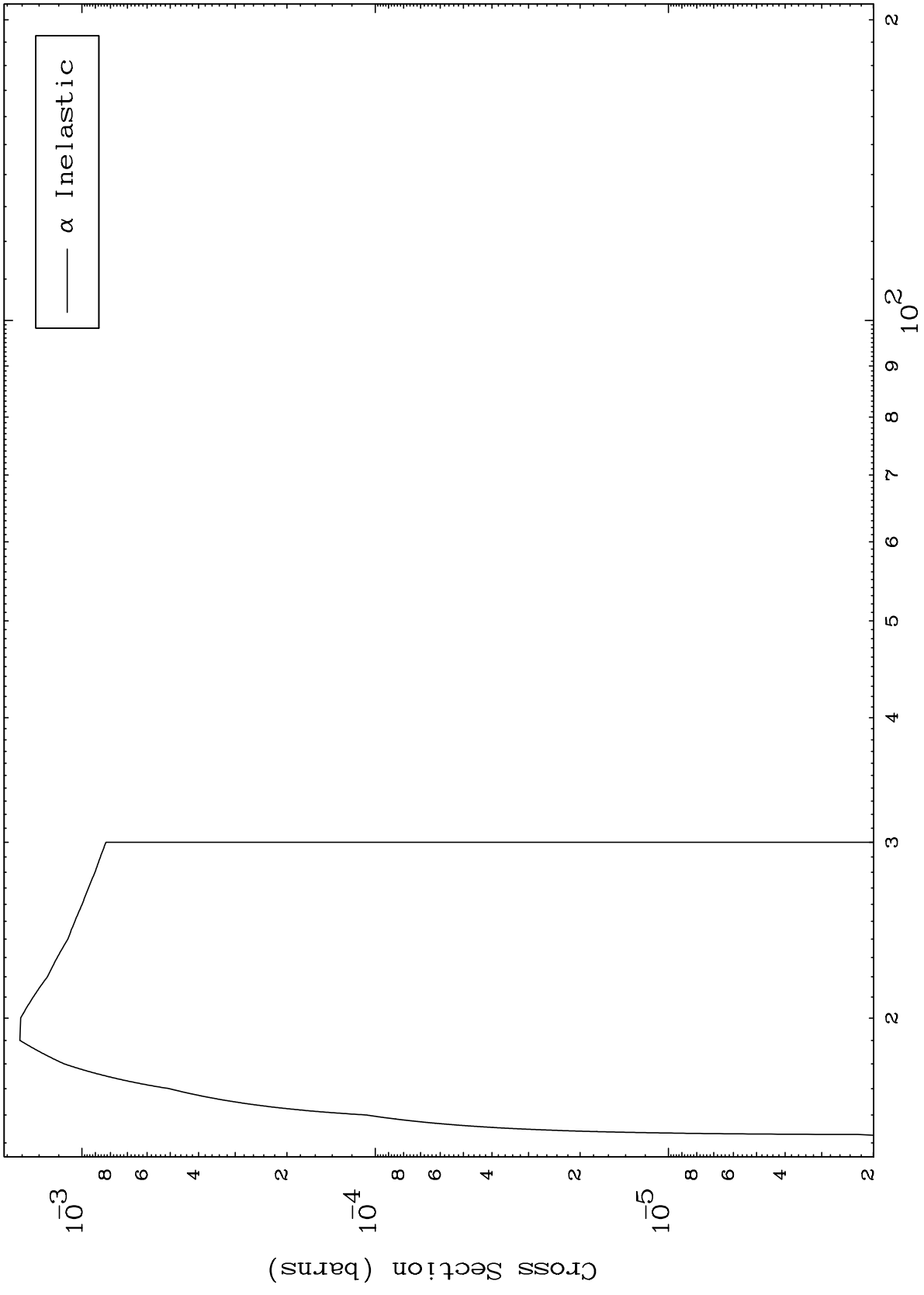
55-Cs-117



MAT 5477

(α, n') Level
0 Kelvin Cross Sections

55-Cs-117



5

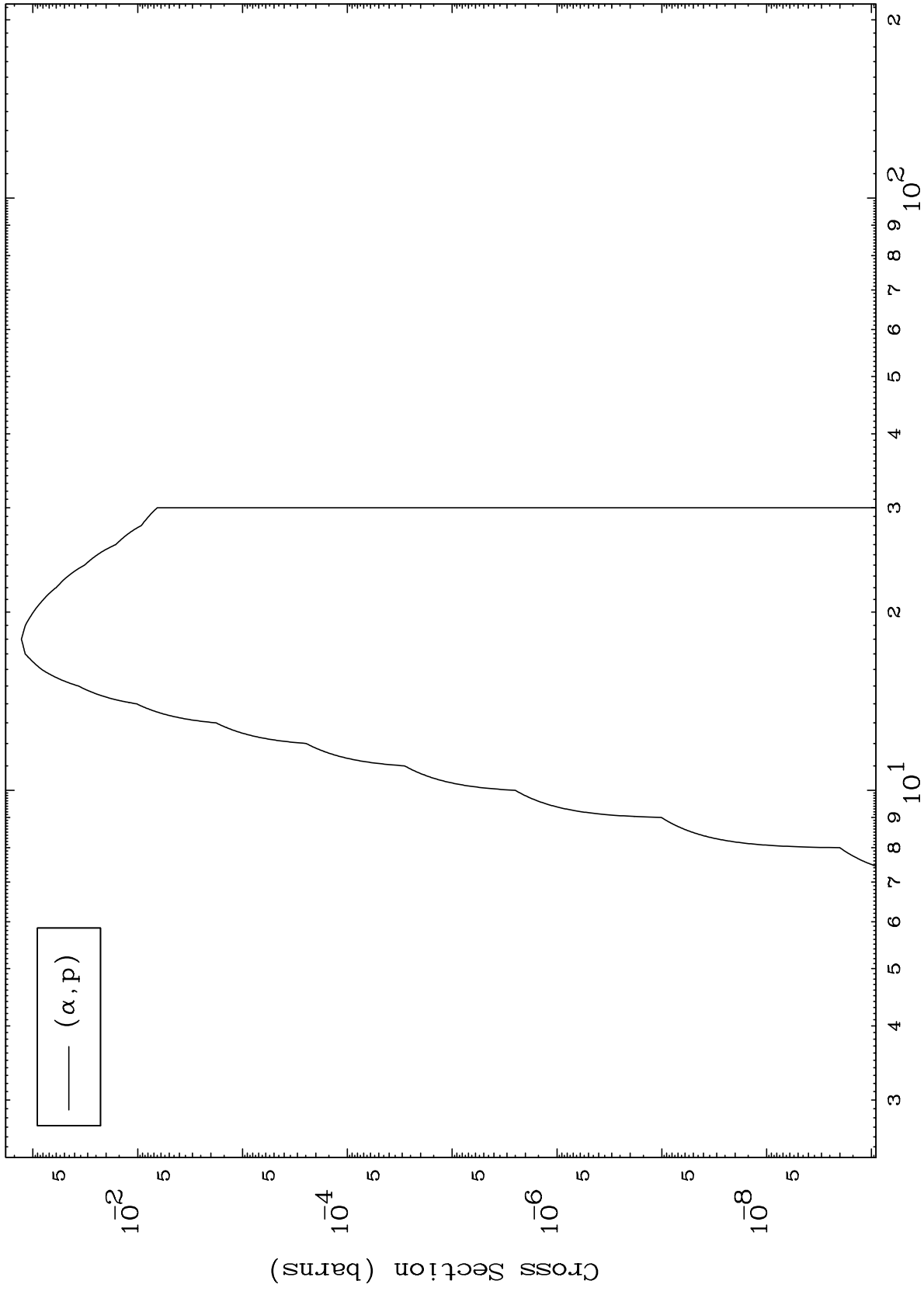
Incident Energy (MeV)

55-Cs-117

MAT 5477

(α, p) Levels
0 Kelvin Cross Sections

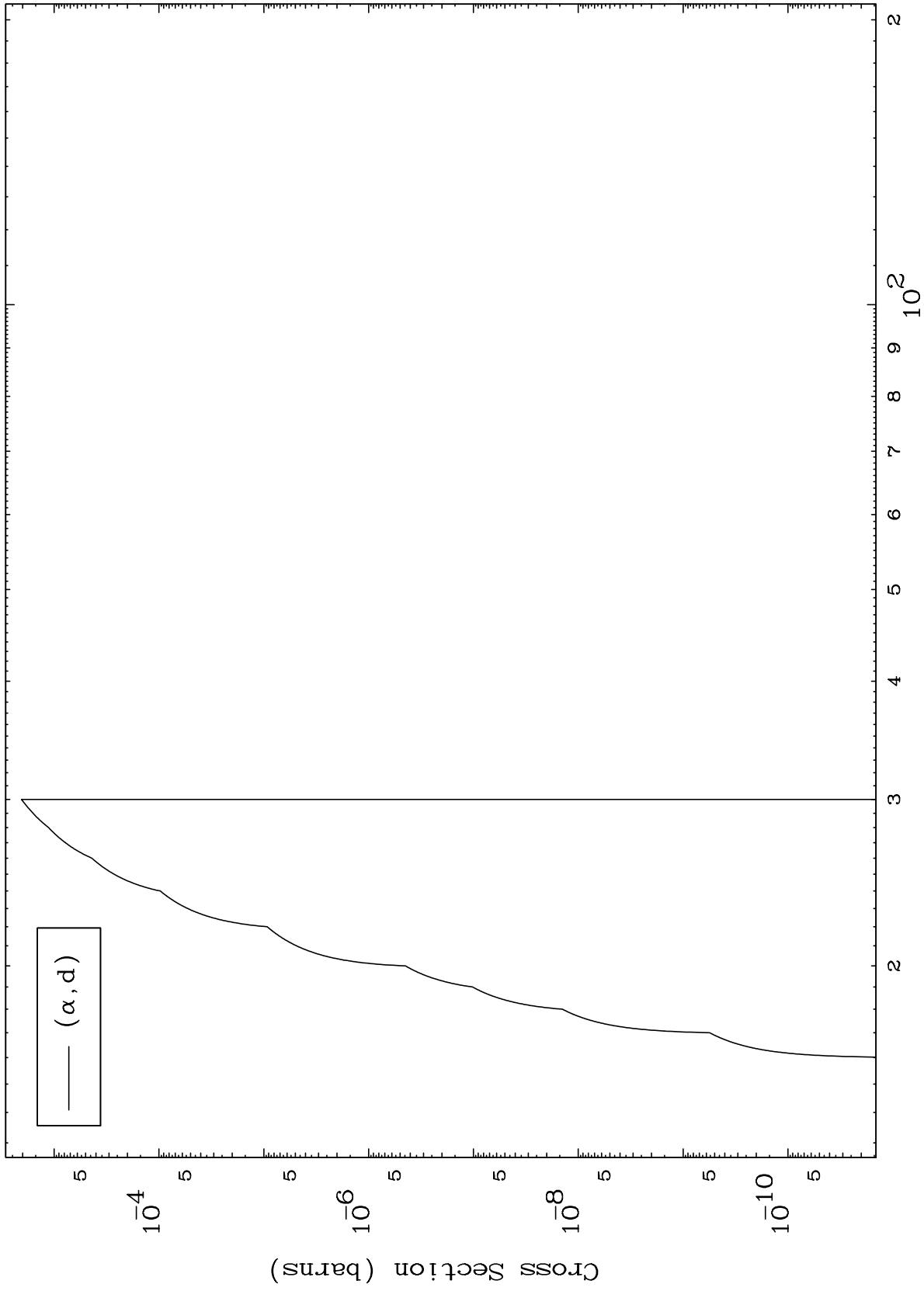
55-Cs-117



6

Incident Energy (MeV)

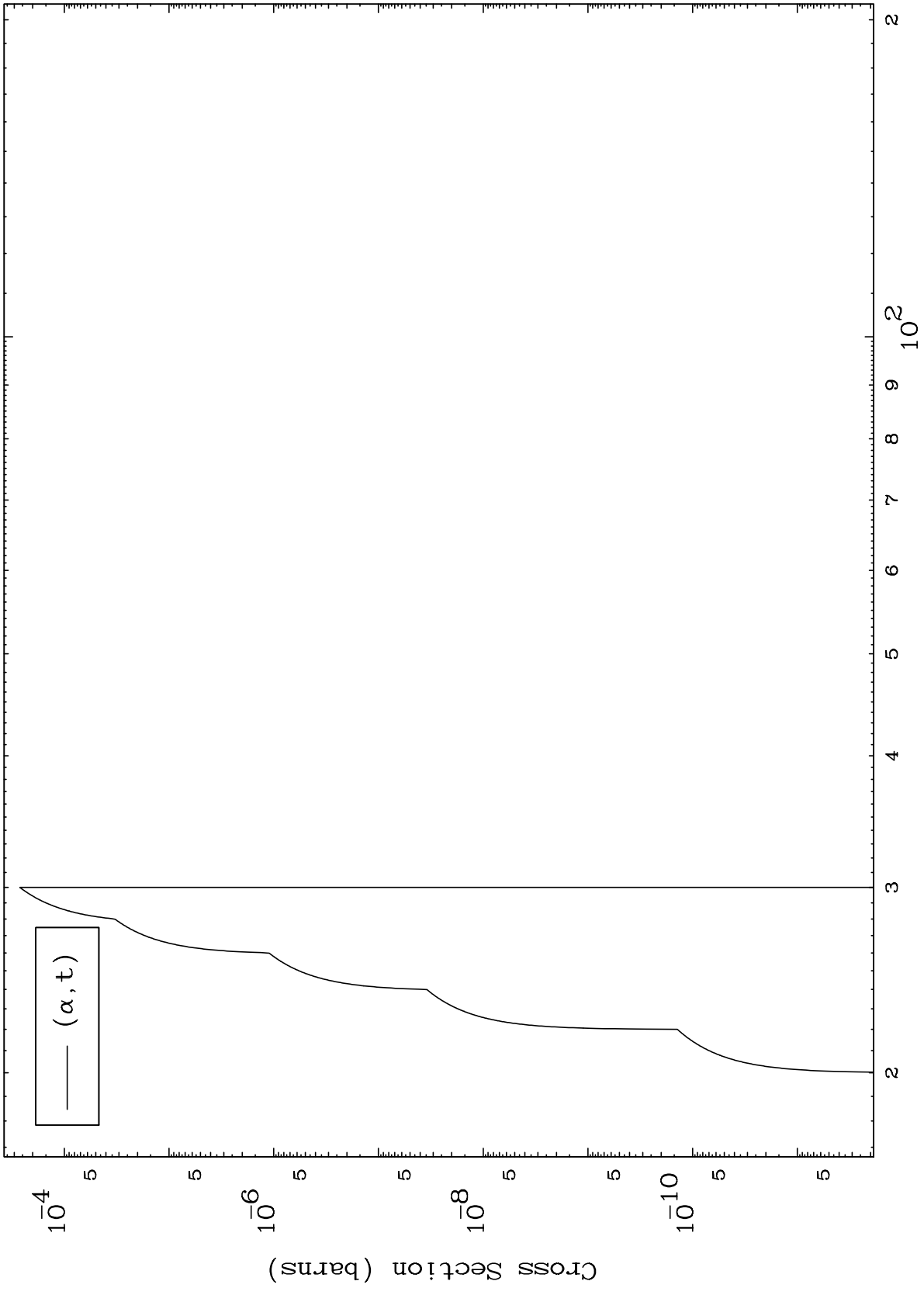
55-Cs-117



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(α, t) Levels
0 Kelvin Cross Sections

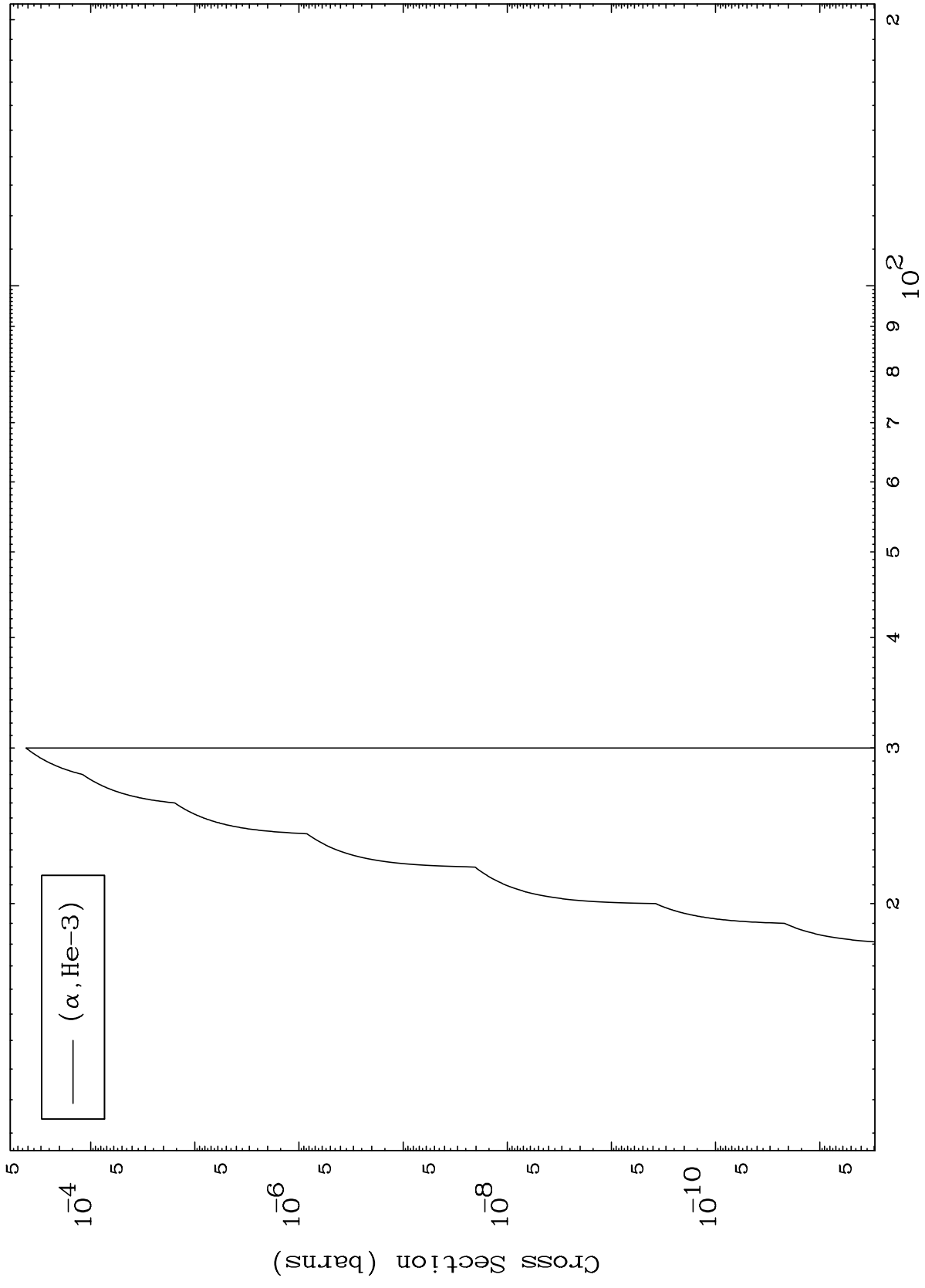
55-Cs-117



8

Incident Energy (MeV)

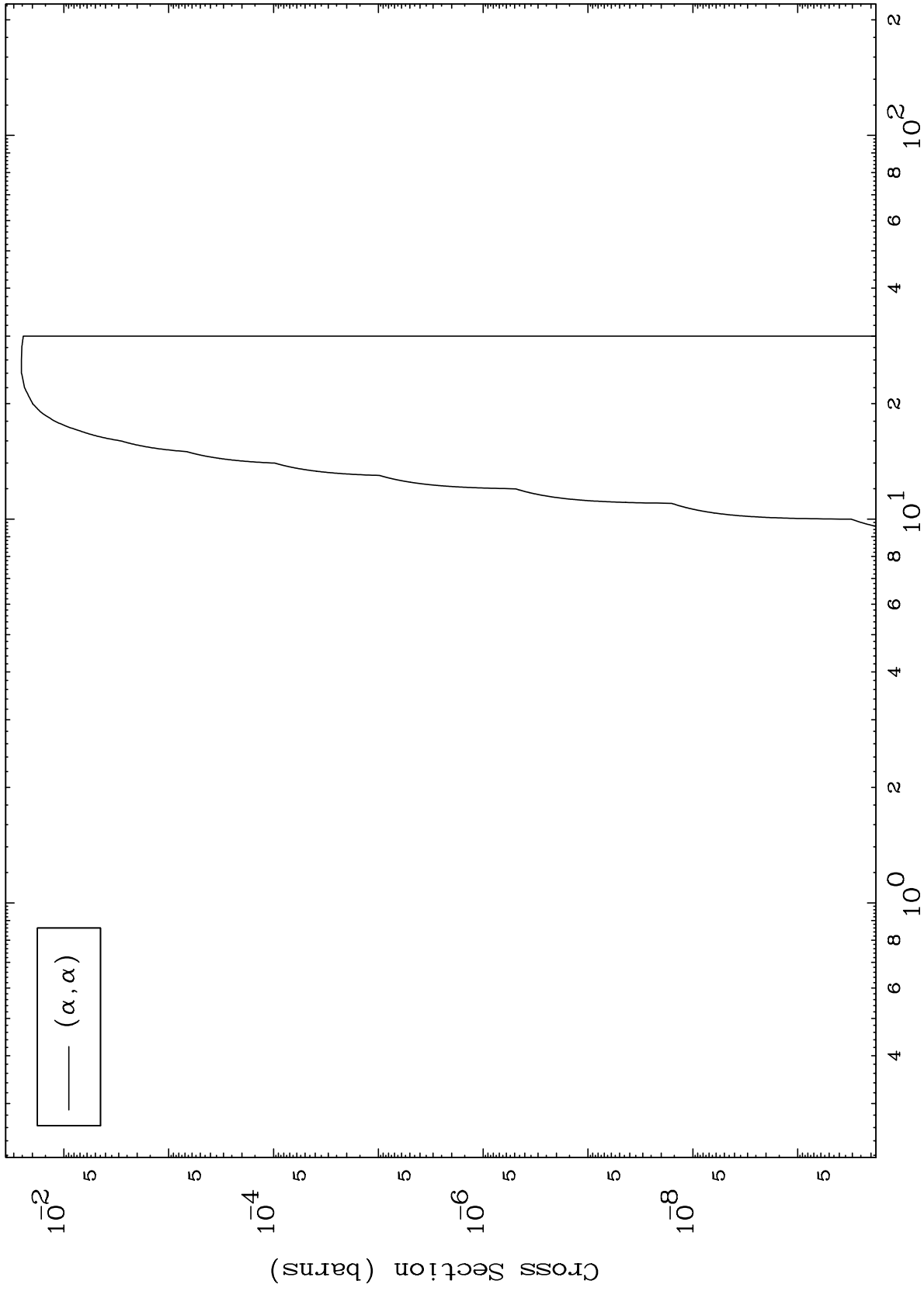
55-Cs-117



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(α, α) Levels
0 Kelvin Cross Sections

55-Cs-117



10

Incident Energy (MeV)

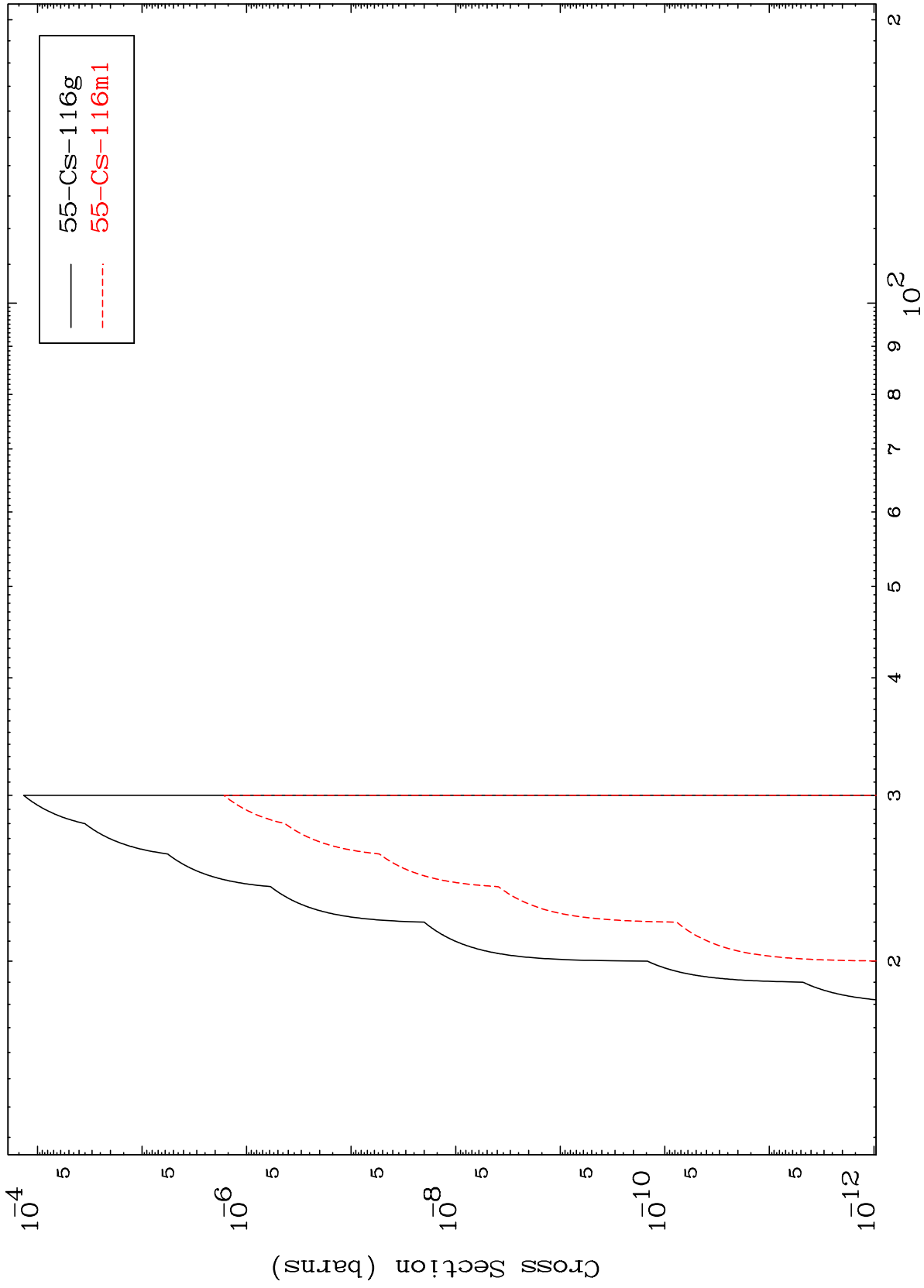
55-Cs-117

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(α, n') α

55-Cs-117

Radionuclide Production Cross Section



11

Incident Energy (MeV)

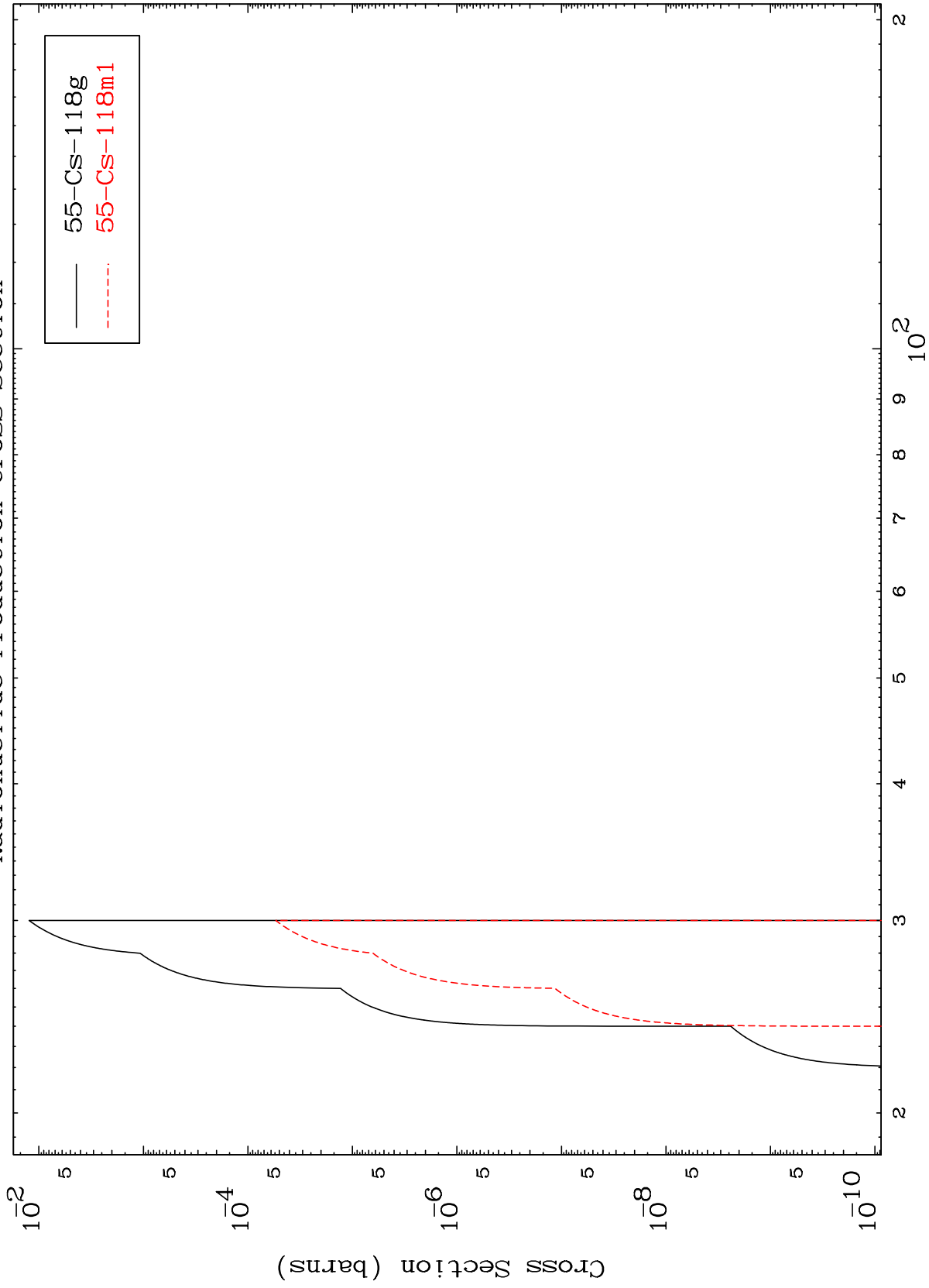
55-Cs-117

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($\alpha, 2n$) p

55-Cs-117

Radionuclide Production Cross Section



12

Incident Energy (MeV)

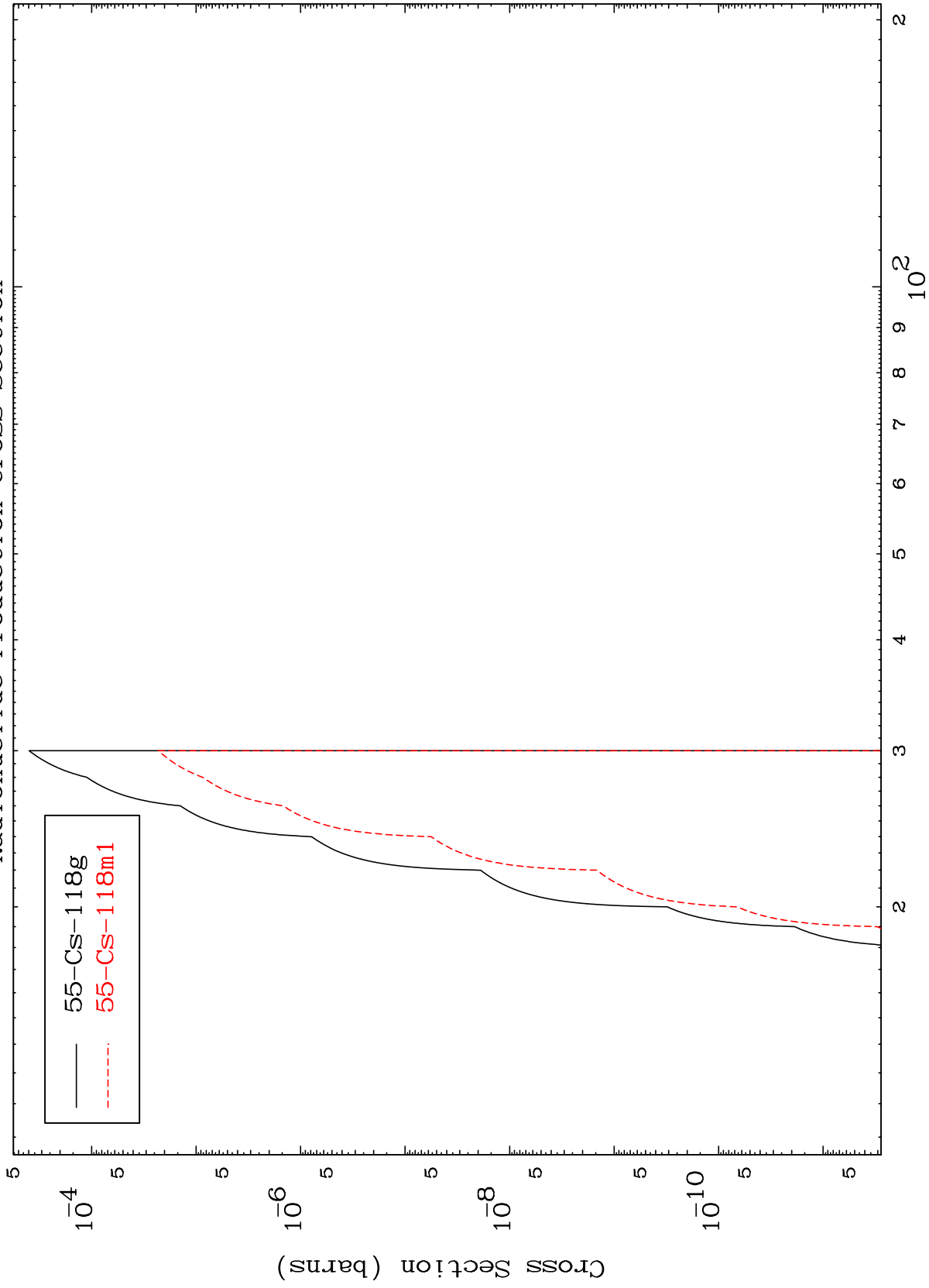
55-Cs-117

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

55-Cs-117

Radionuclide Production Cross Section



13

Incident Energy (MeV)

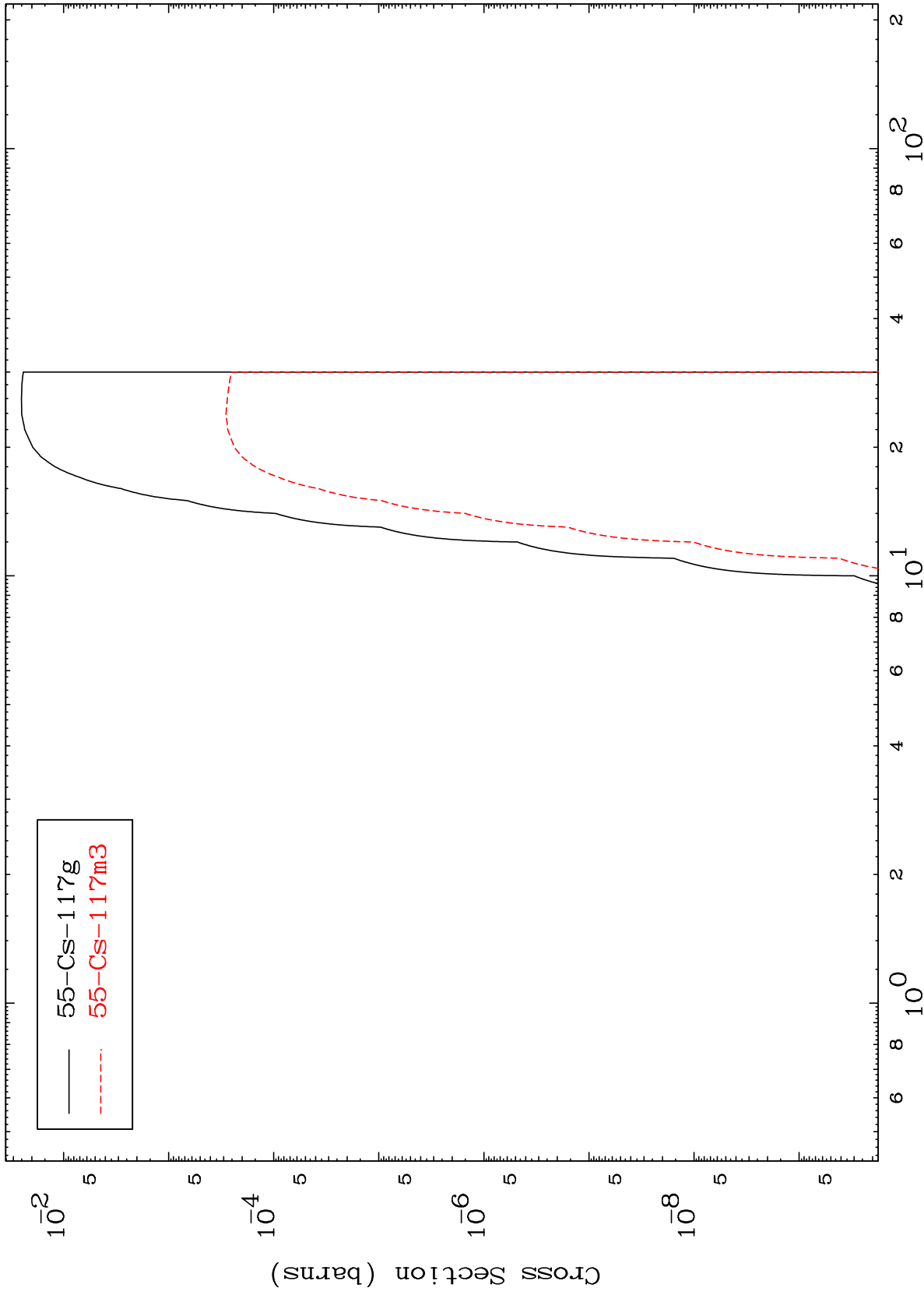
55-Cs-117

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(α, α)

55-Cs-117

Radionuclide Production Cross Section



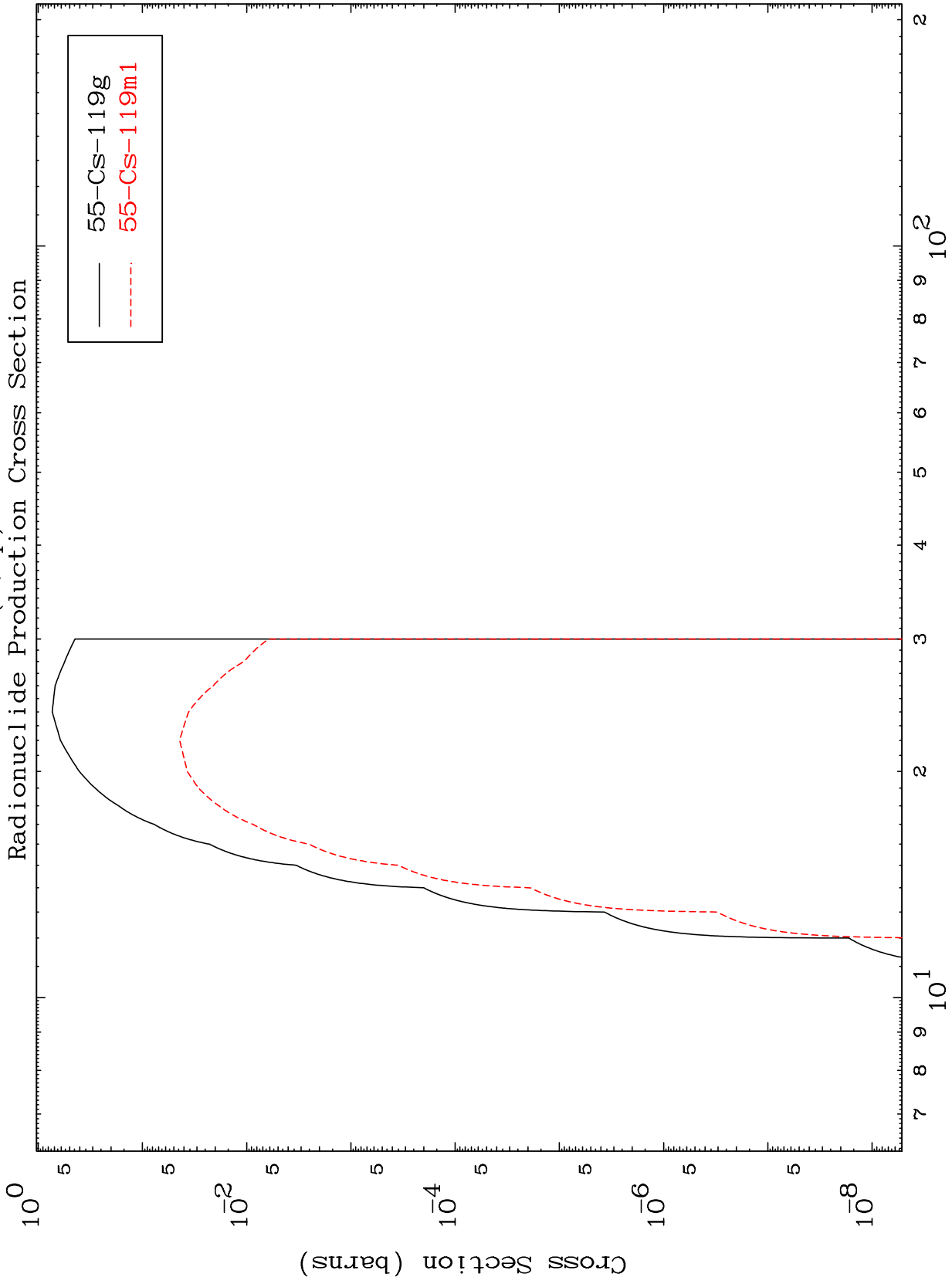
14

55-Cs-117

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55-Cs-117

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



15

Incident Energy (MeV)

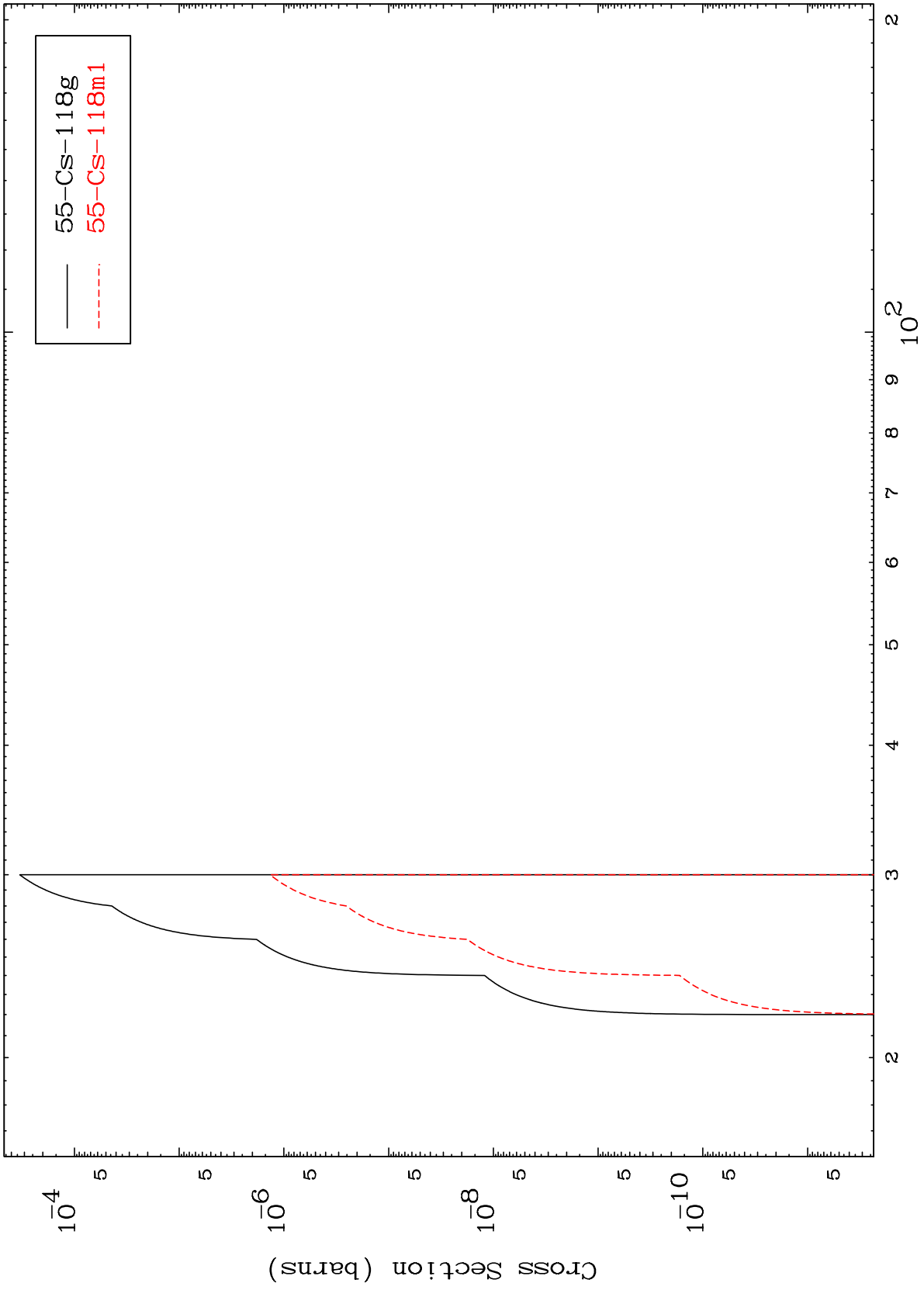
55-Cs-117

MAT 5477

(α, p) d

55-Cs-117

Radionuclide Production Cross Section



16

Incident Energy (MeV)

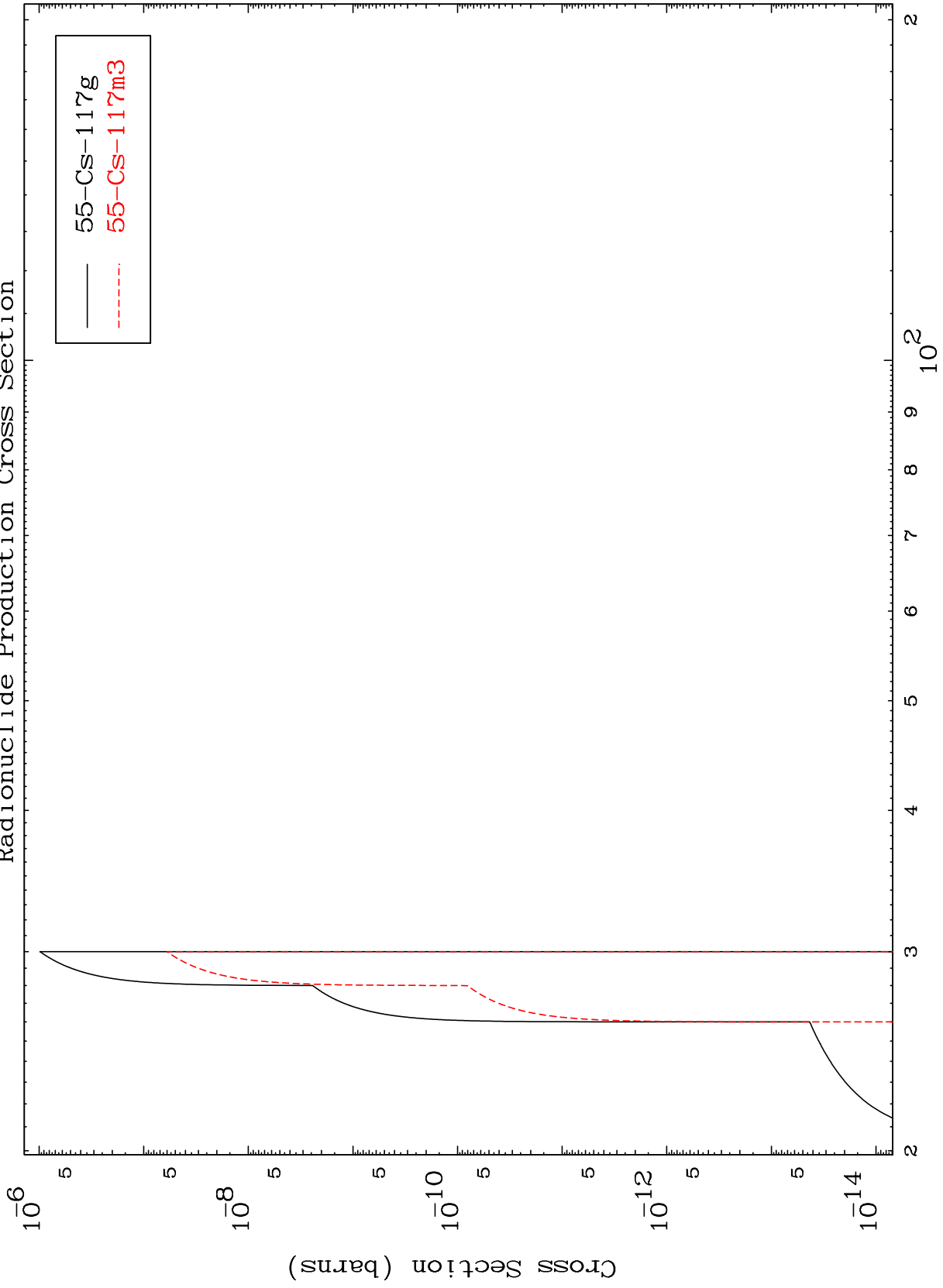
55-Cs-117

MAT 5477

(α, p) t

55-Cs-117

Radionuclide Production Cross Section



17

Incident Energy (MeV)

55-Cs-117