

Program EVALPLOT
(Version 2018-1)

by

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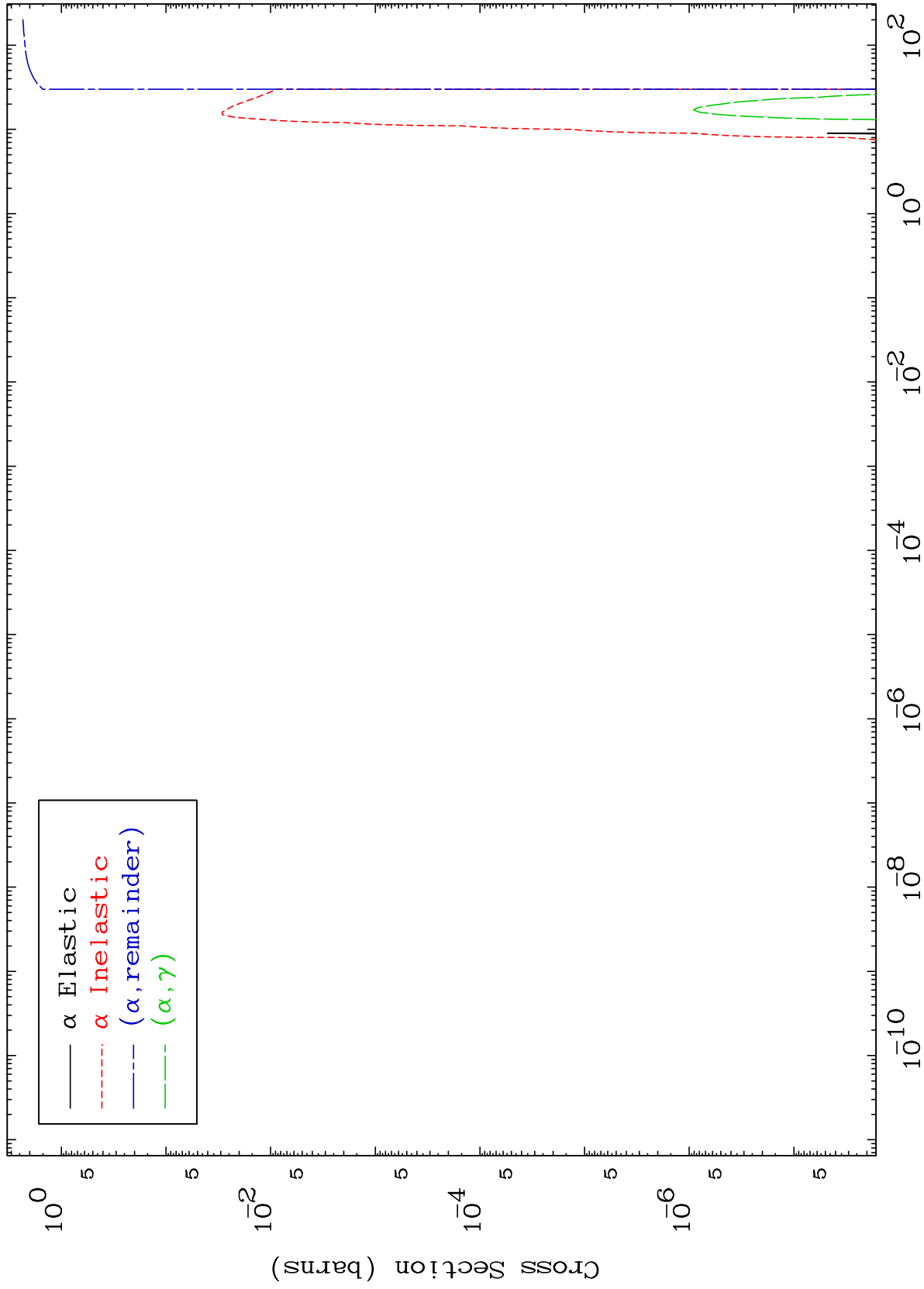
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5347

α Major
0 Kelvin Cross Sections

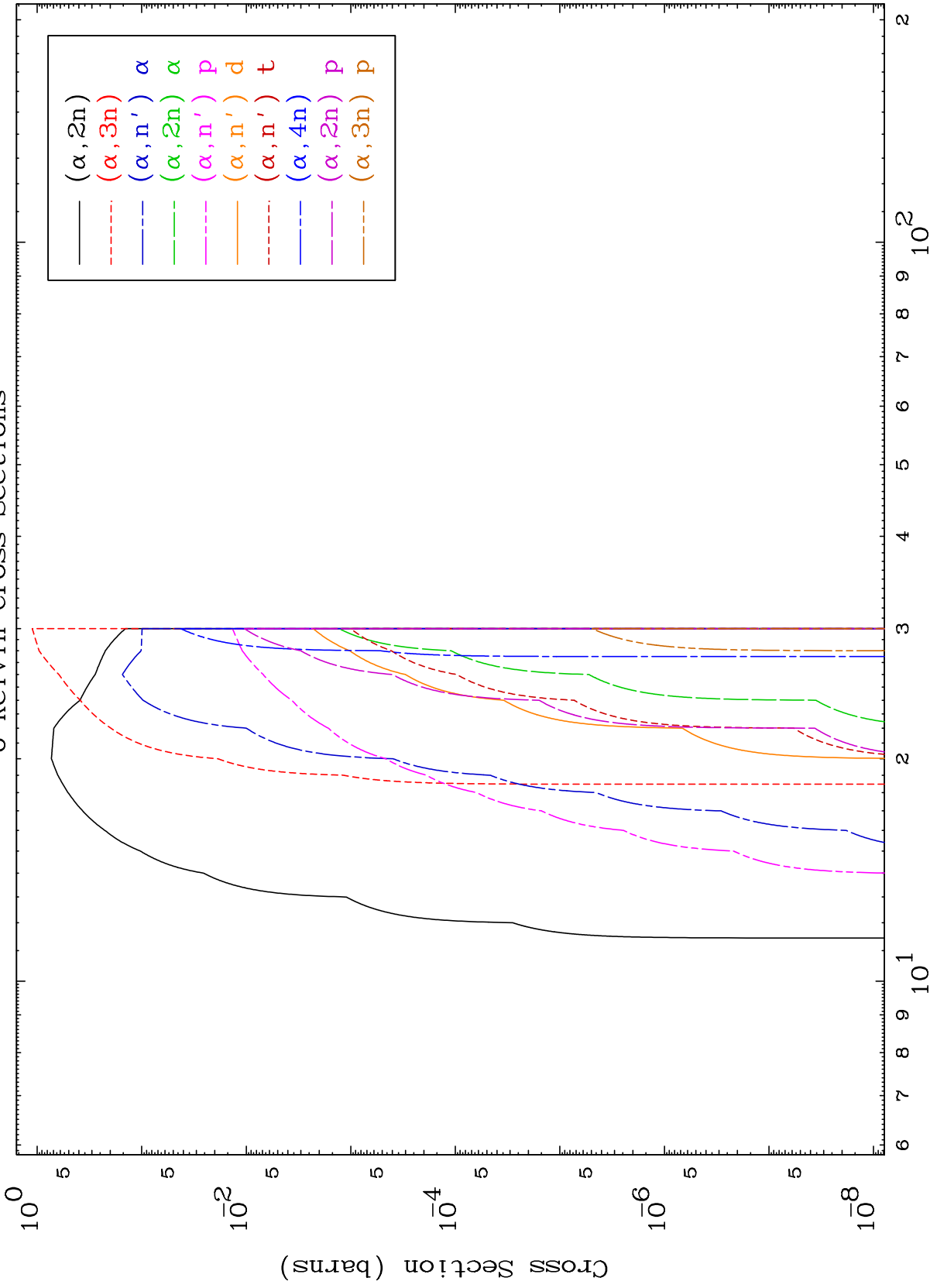
53-I -134

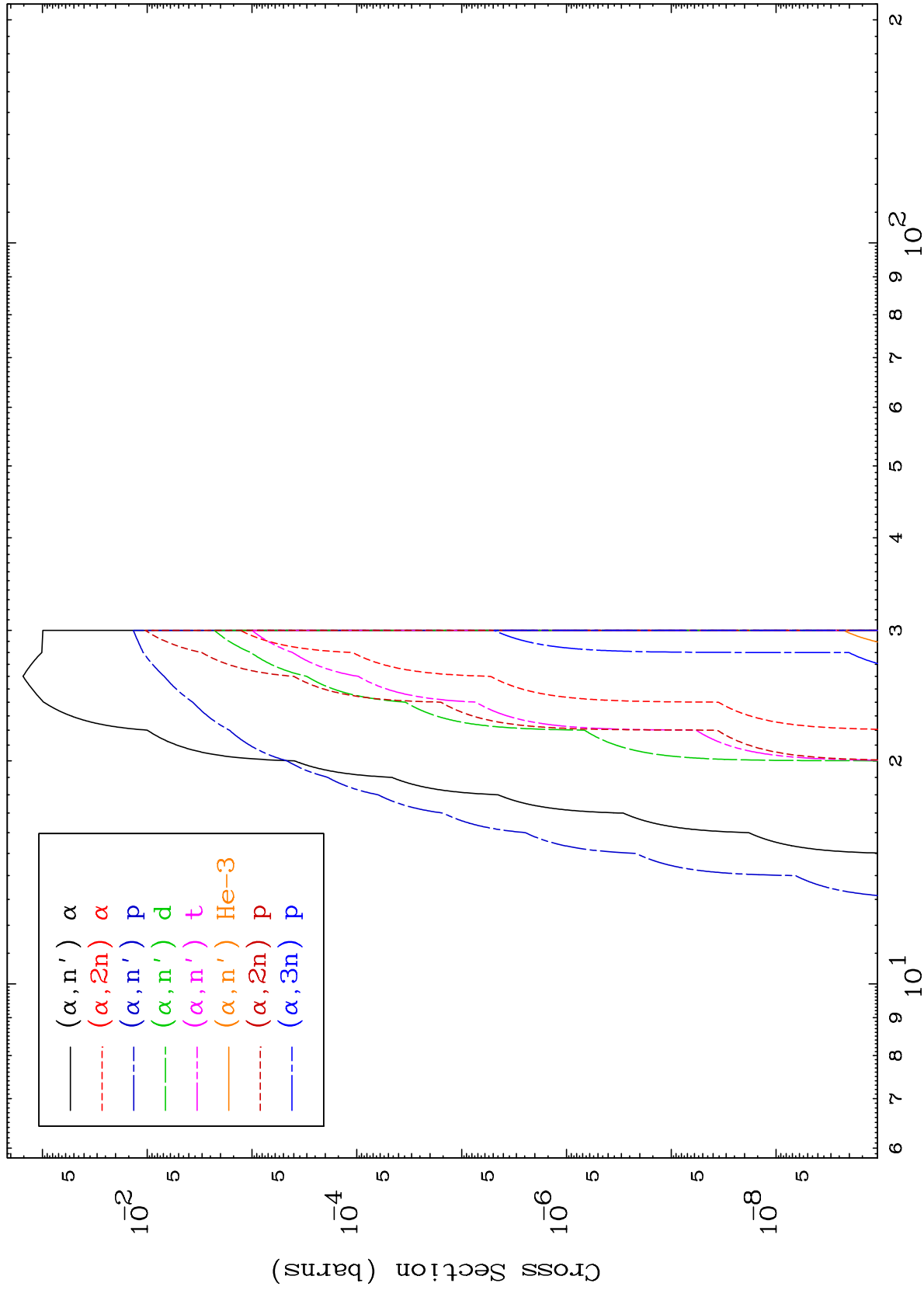


1

Incident Energy (MeV)

53-I -134

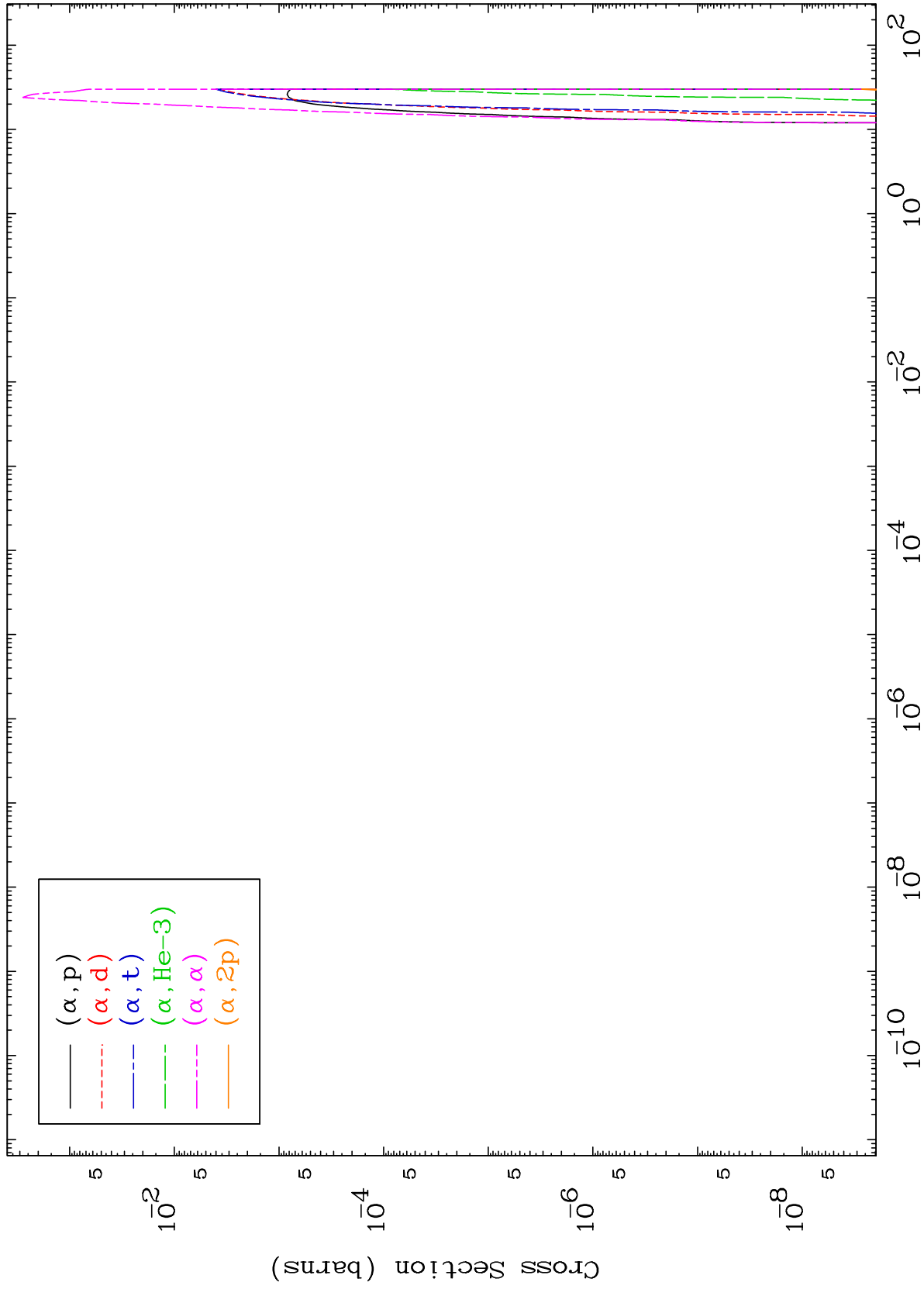




MAT 5347

α Charged Particle
0 Kelvin Cross Sections

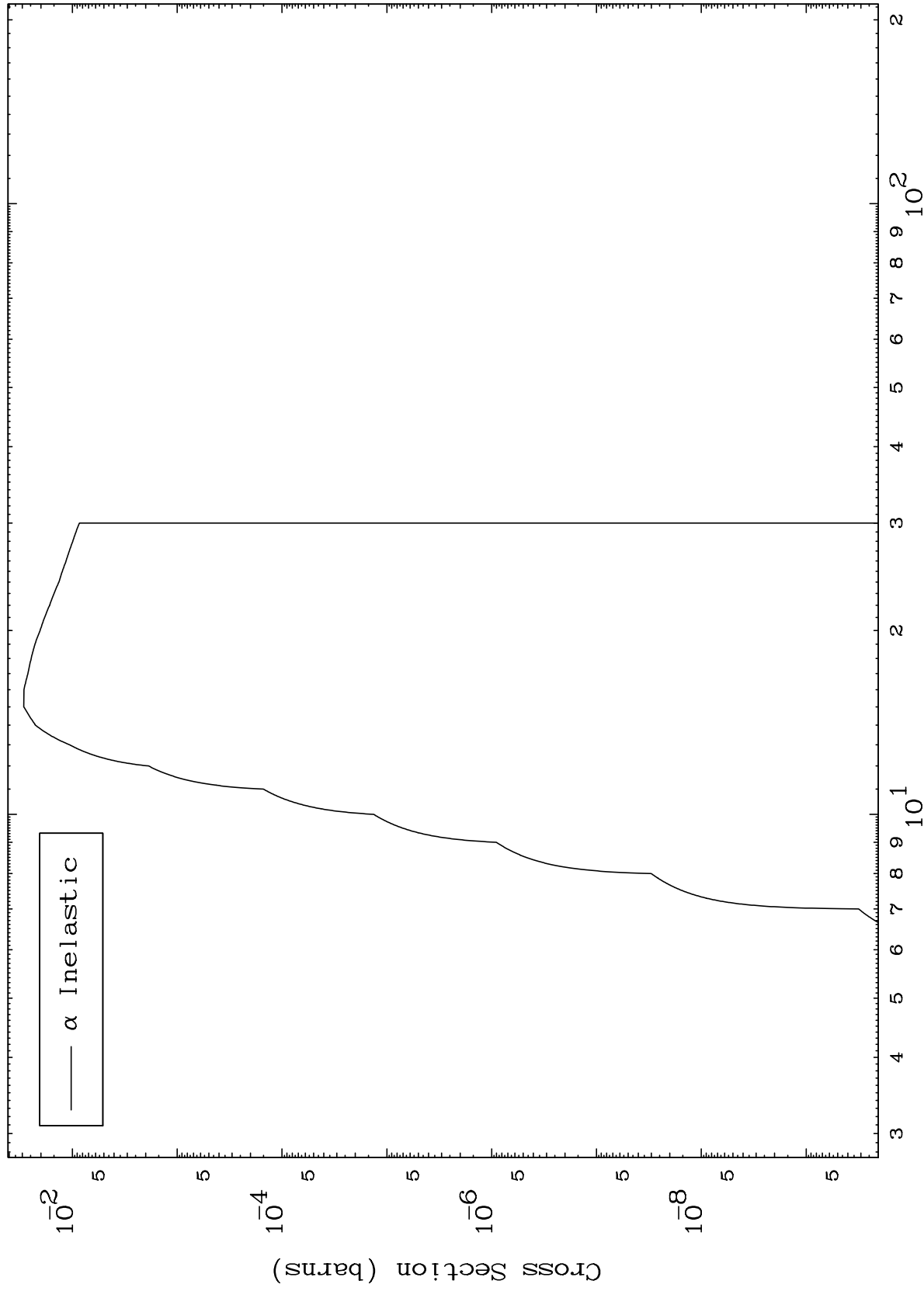
53-I -134



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53-I -134

(α, n') Level
0 Kelvin Cross Sections



5

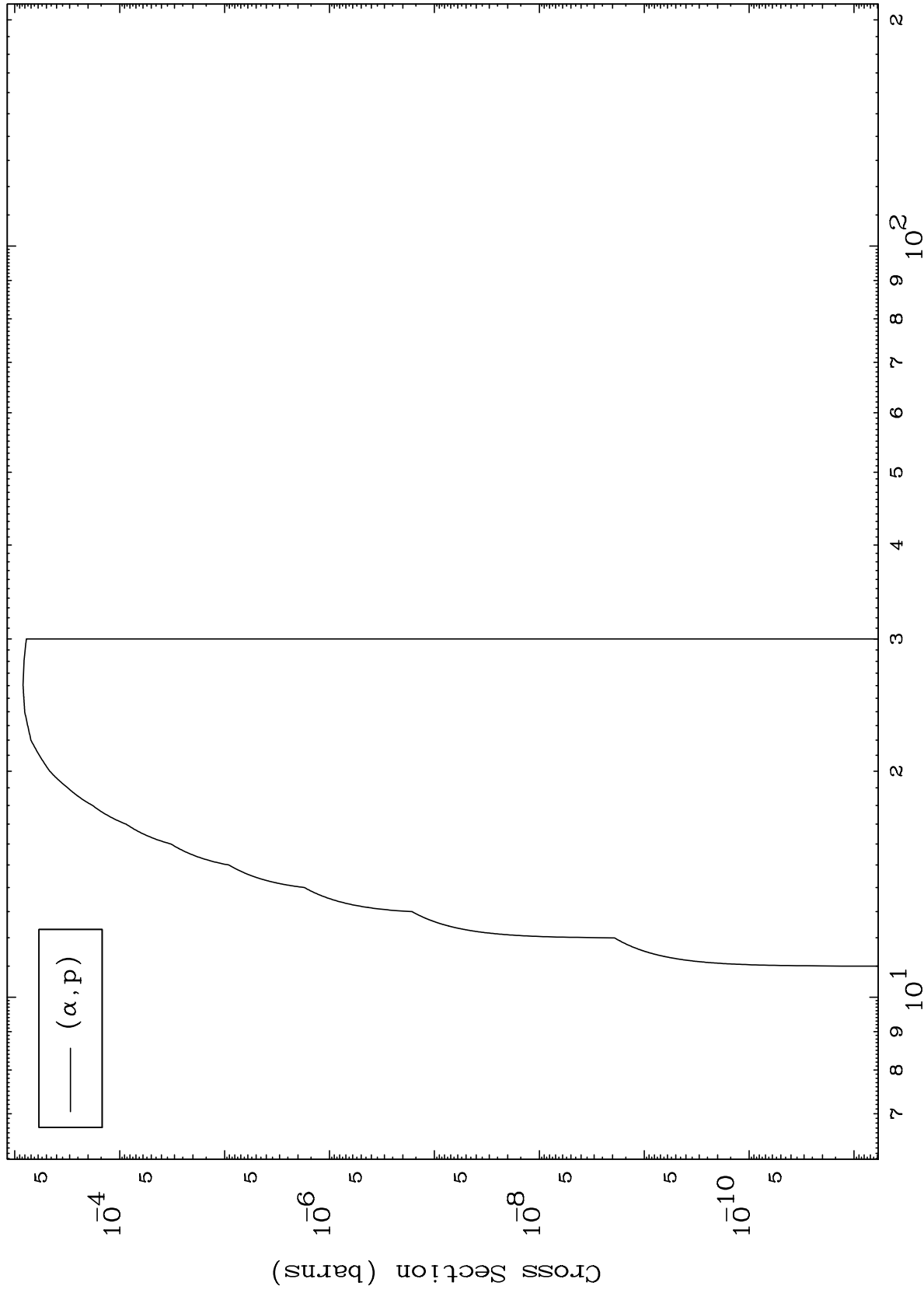
Incident Energy (MeV)

53-I -134

MAT 5347

53-I -134

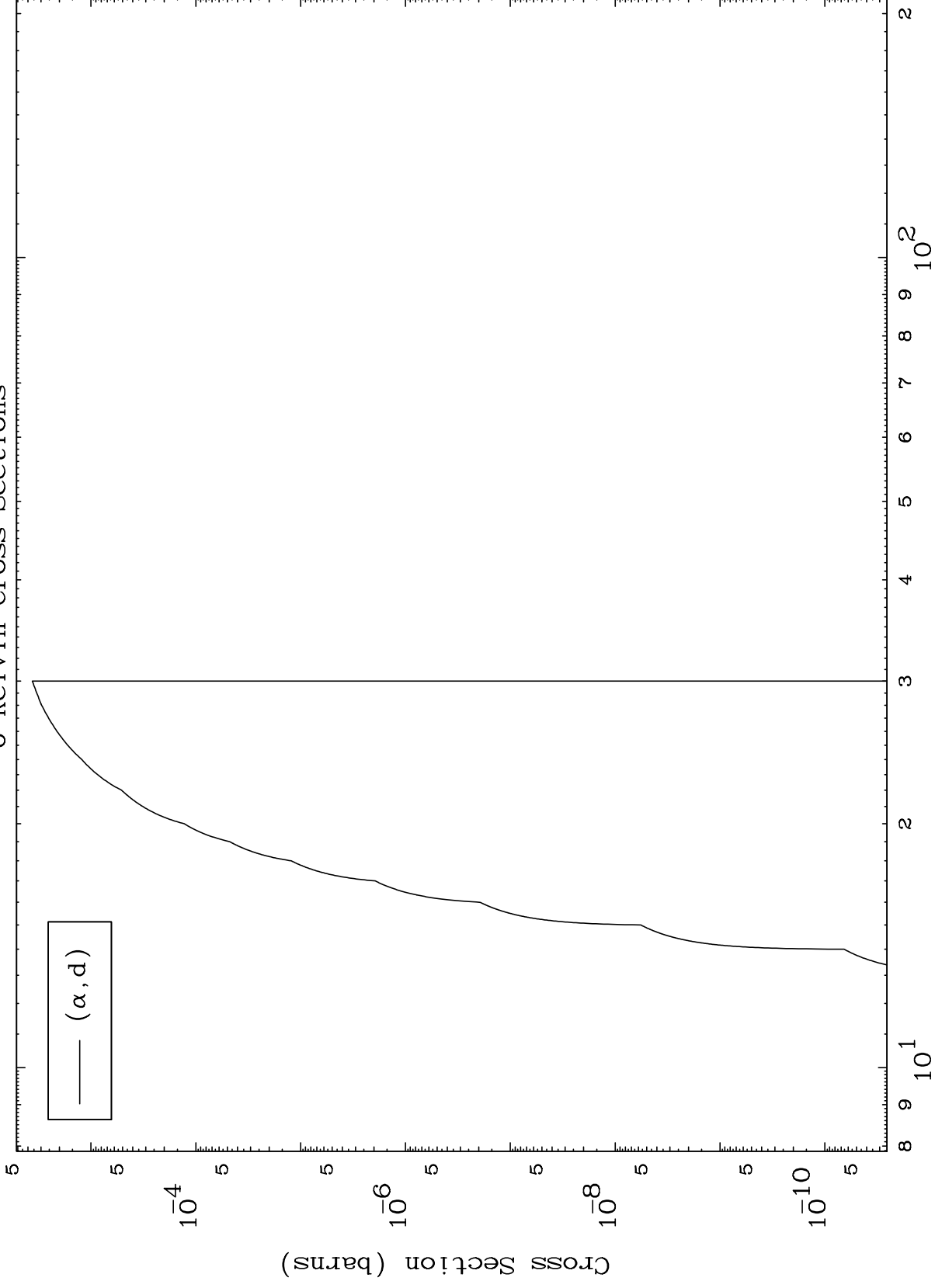
(α ,p) Levels
0 Kelvin Cross Sections



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(α ,d) Levels
0 Kelvin Cross Sections

53-I -134



53-I -134

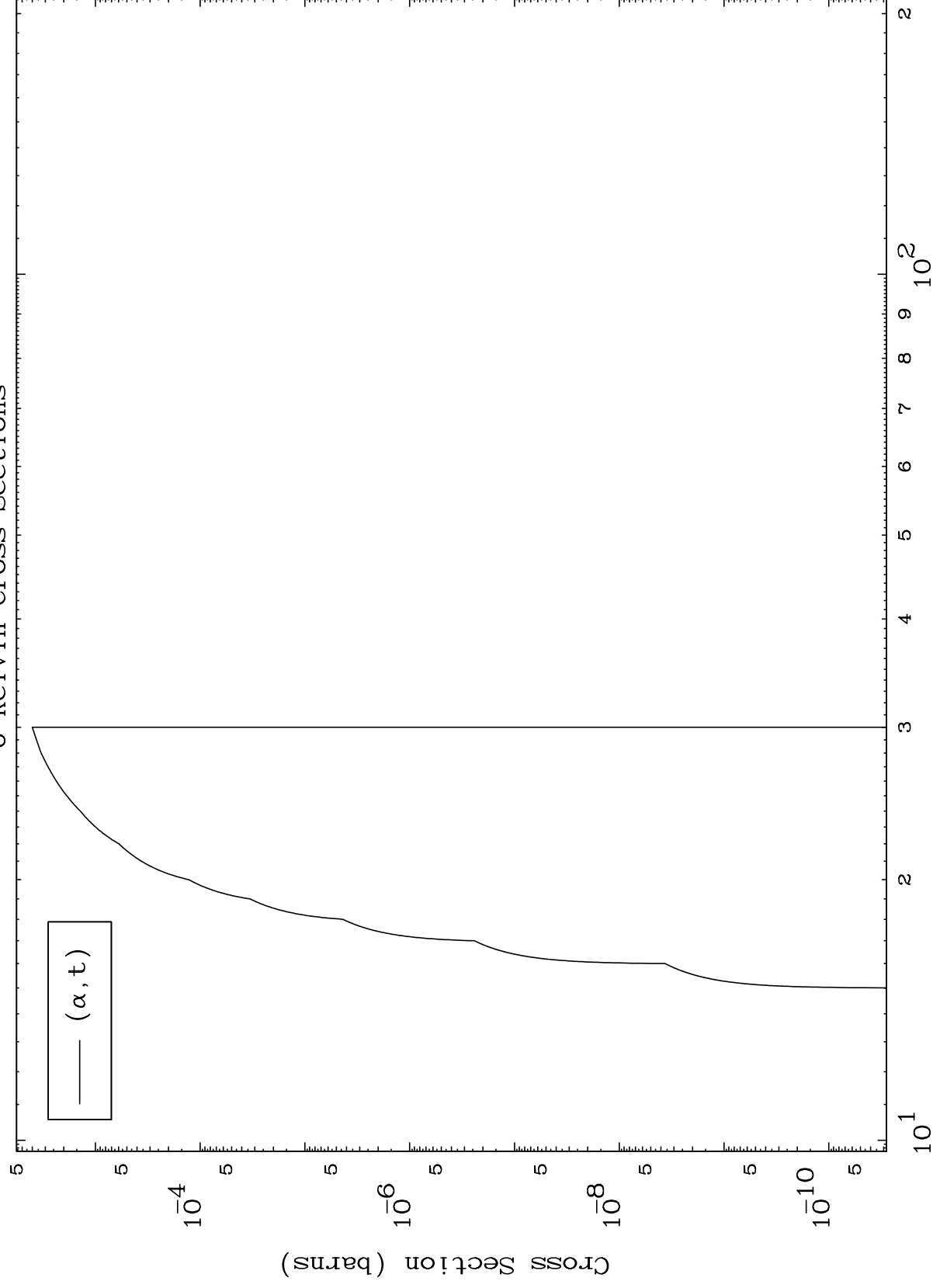
Incident Energy (MeV)

7

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(α ,t) Levels
0 Kelvin Cross Sections

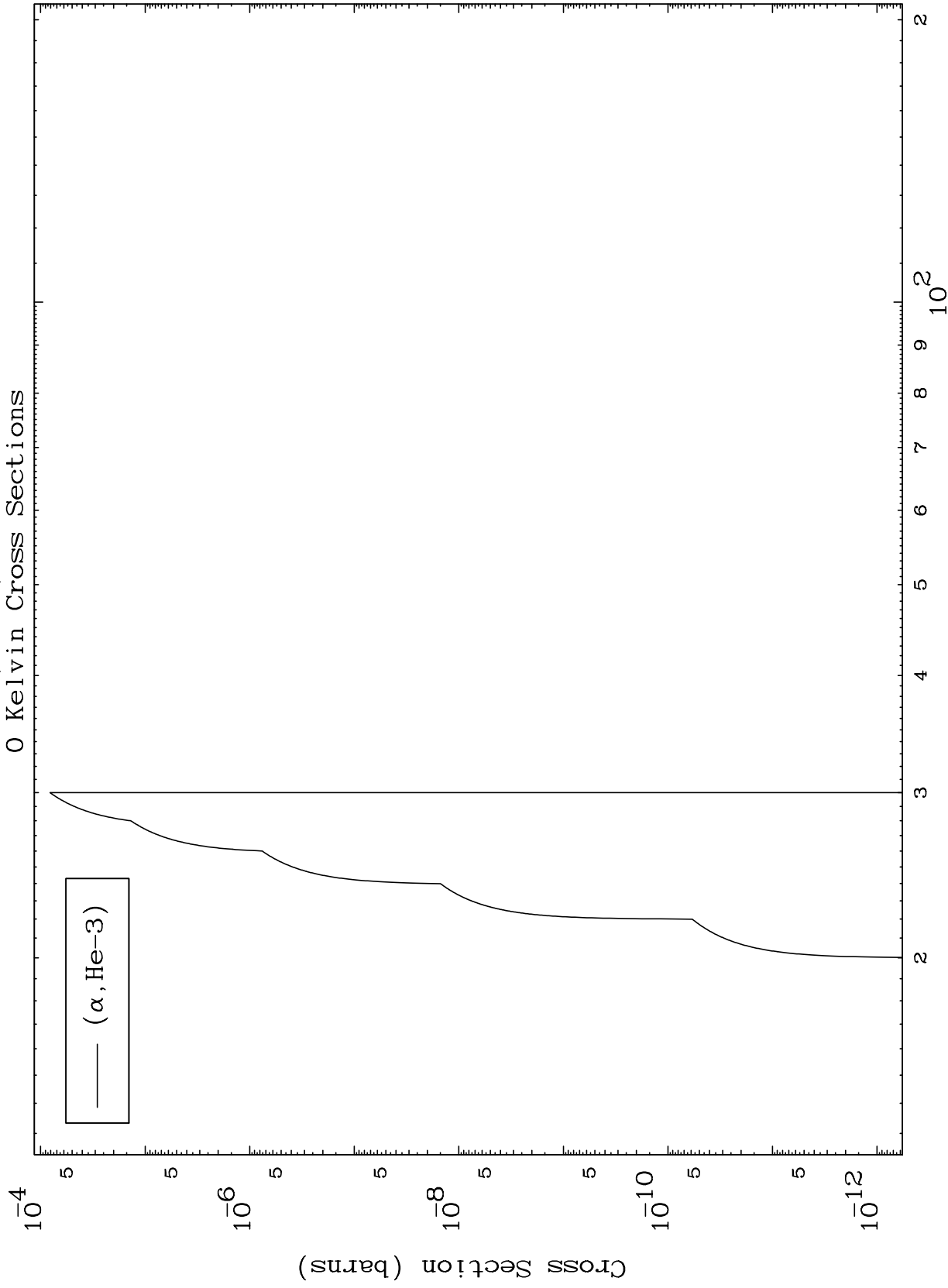
53-I -134



Incident Energy (MeV)

53-I -134

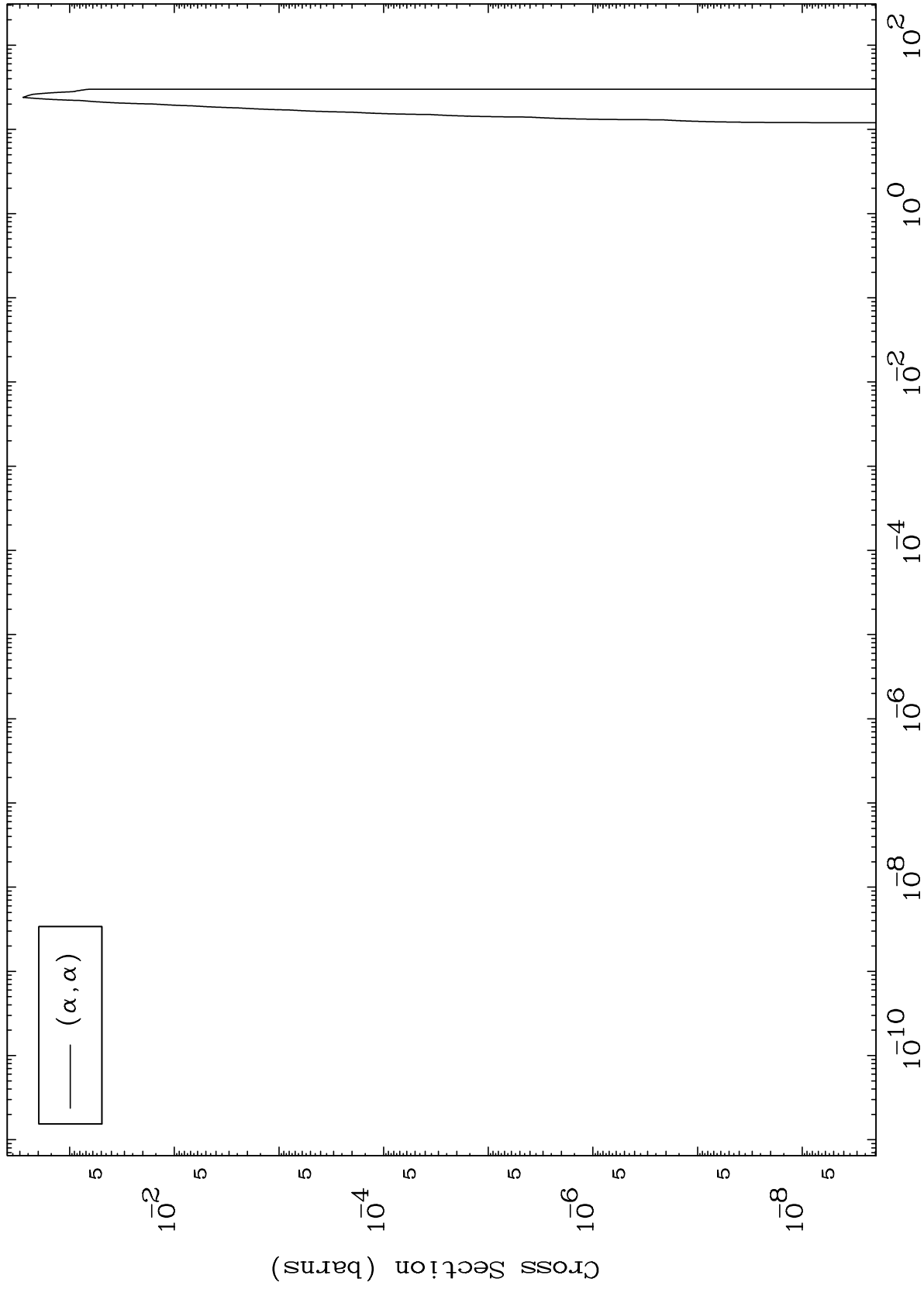
(α ,He3) Levels
0 Kelvin Cross Sections



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(α, α) Levels
0 Kelvin Cross Sections

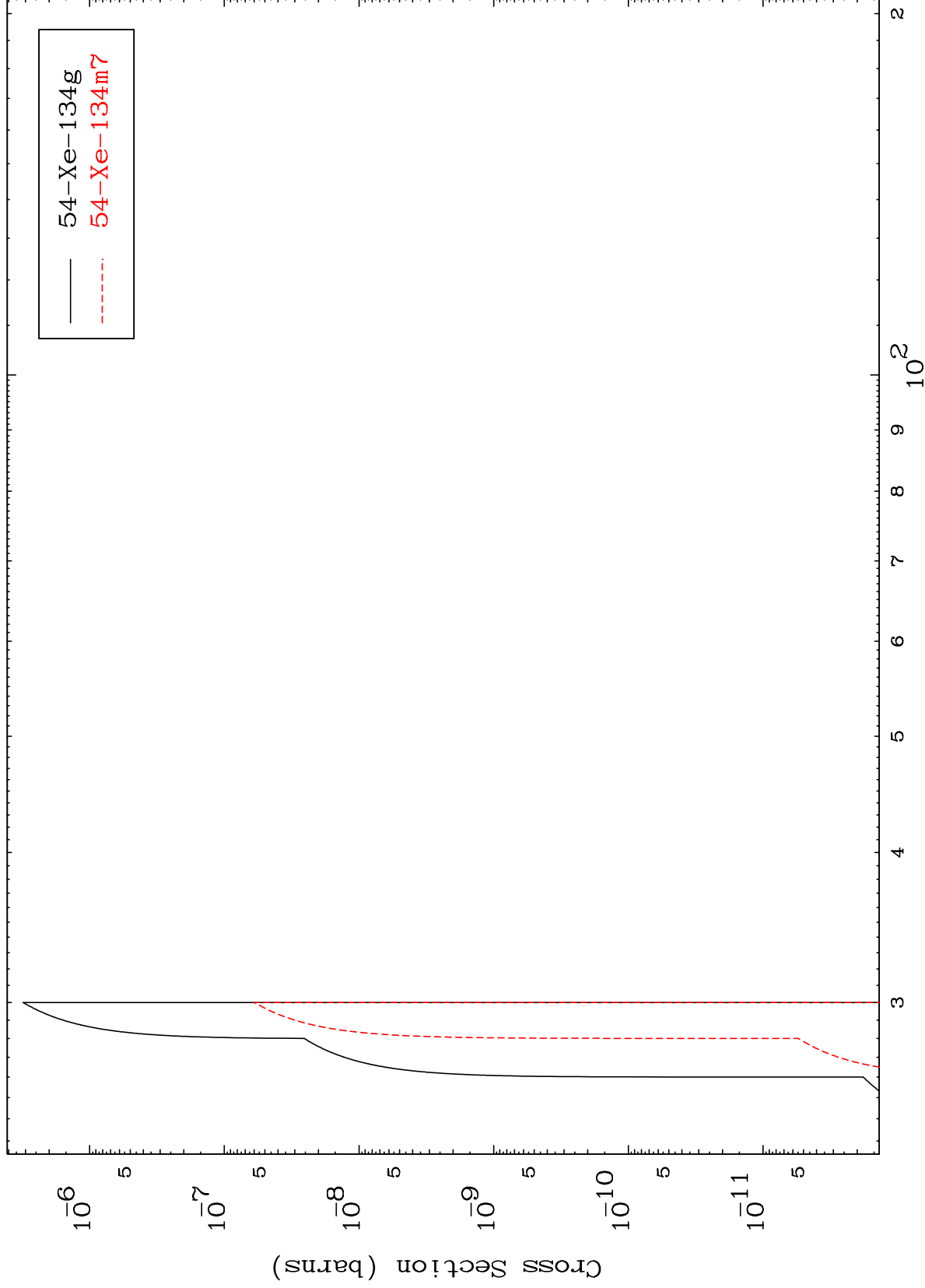
53-I -134



Incident Energy (MeV)

53-I -134

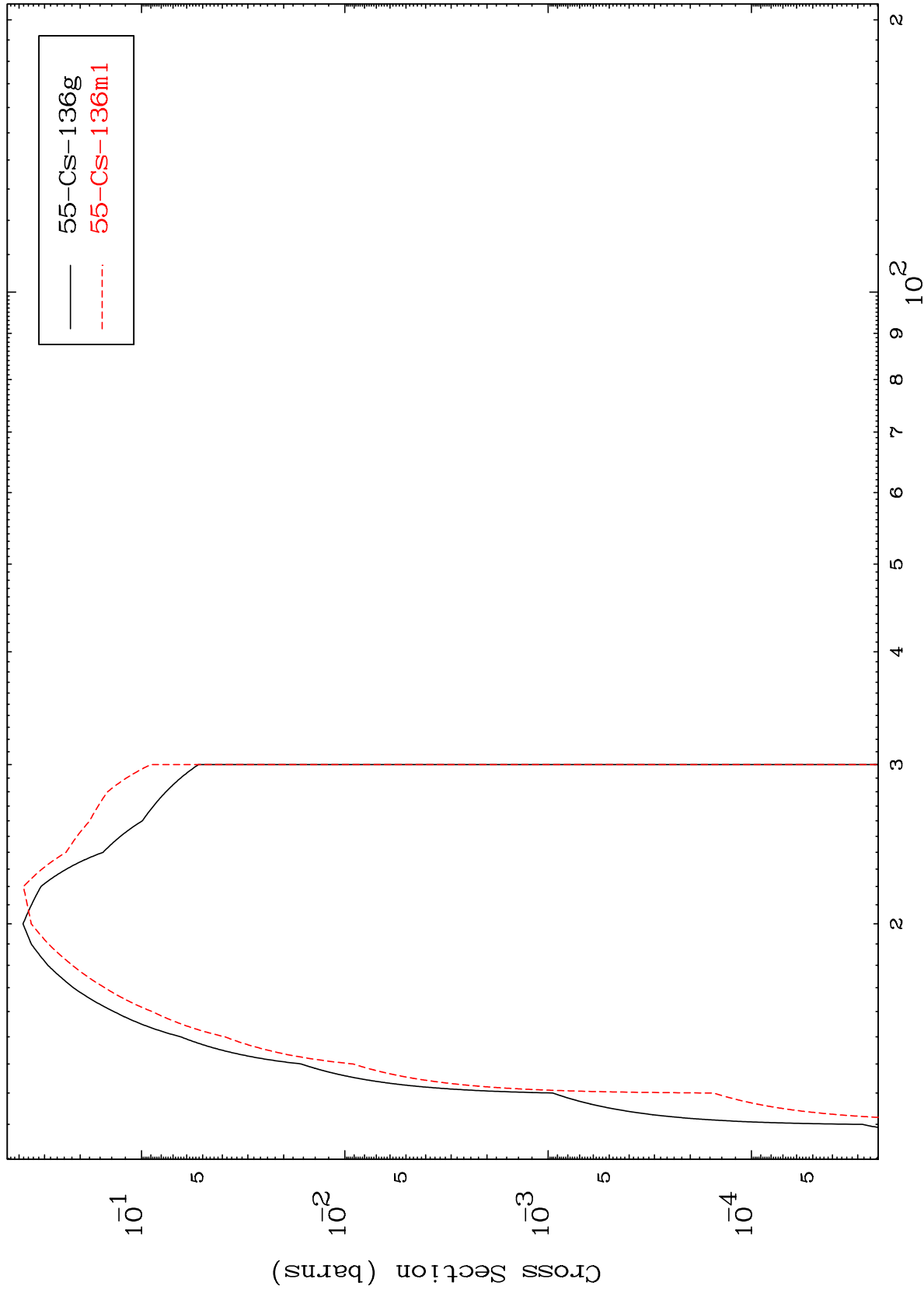
Radionuclide Production Cross Section



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53-I -134

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



12

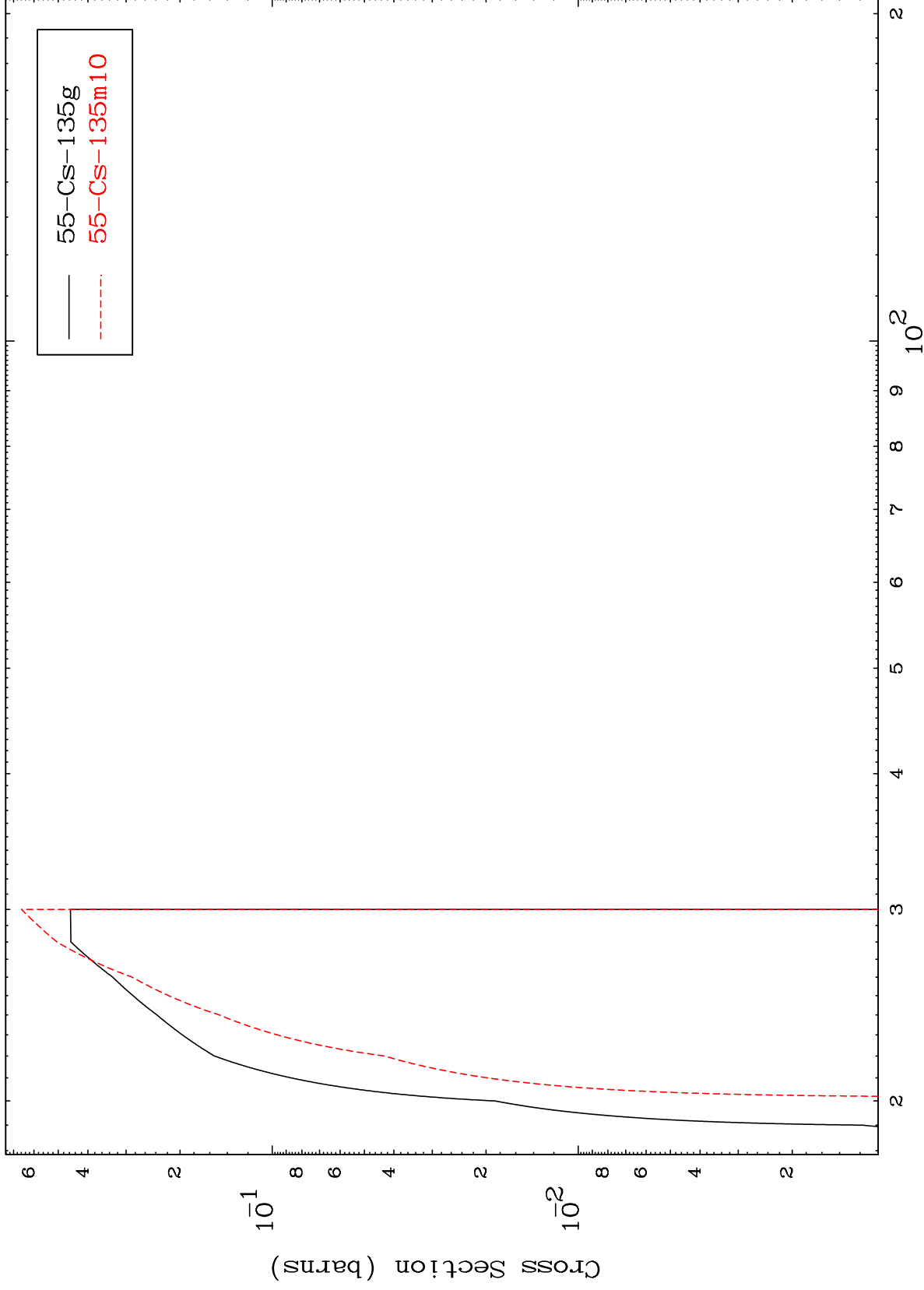
Incident Energy (MeV)

53-I -134

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53-I -134

$(\alpha, 3n)$
Radionuclide Production Cross Section



13

Incident Energy (MeV)

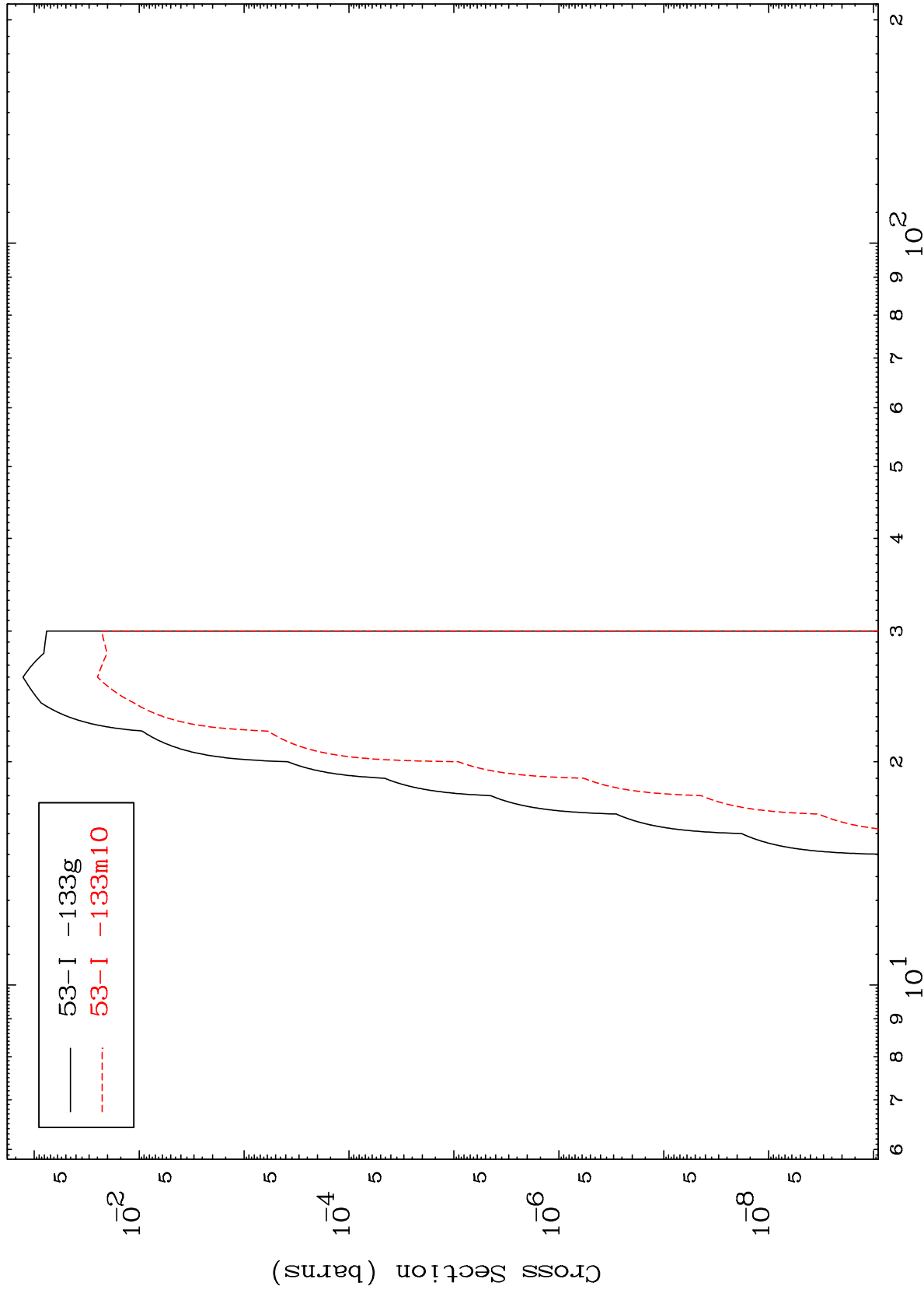
53-I -134

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(α, n') α

53-I -134

Radionuclide Production Cross Section



14

Incident Energy (MeV)

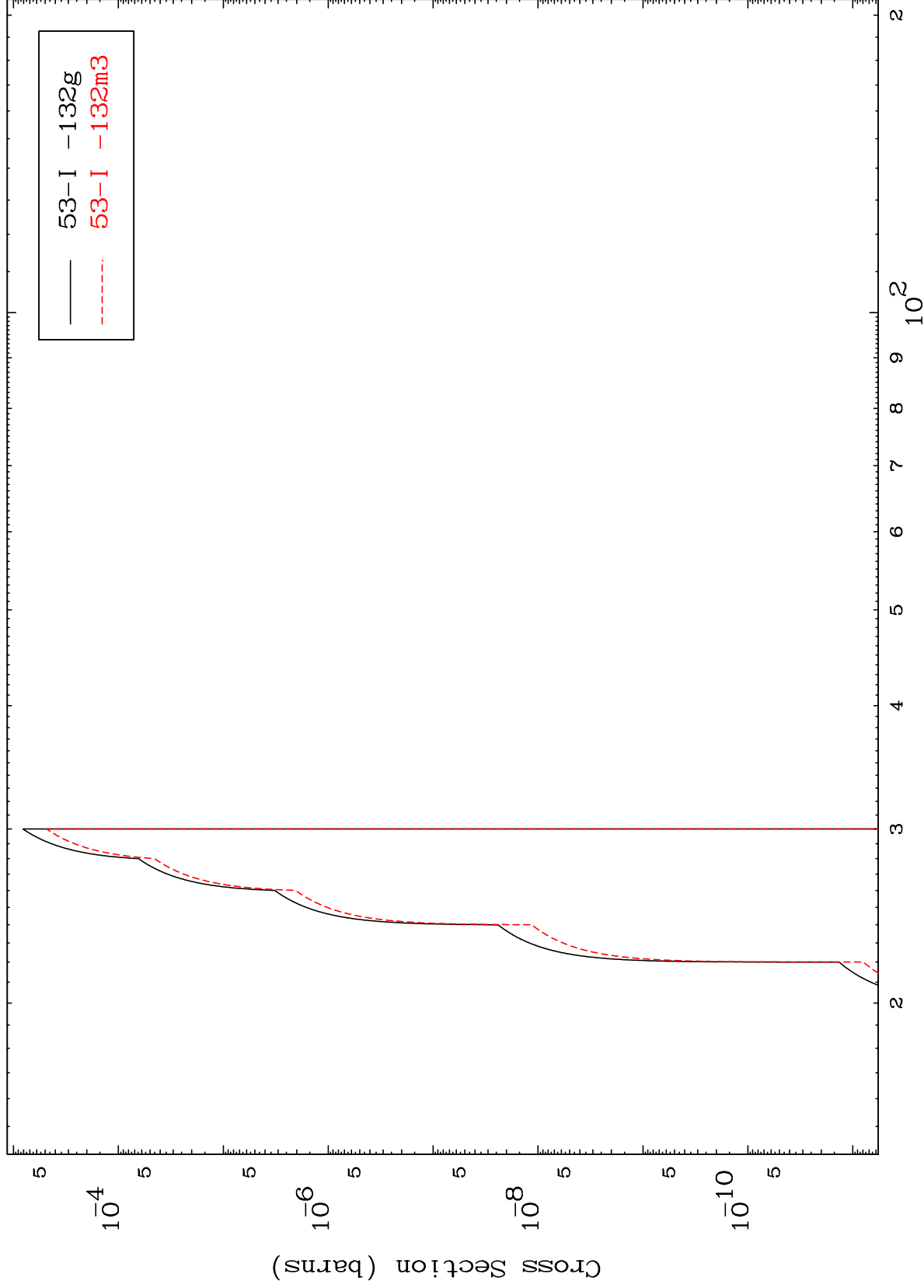
53-I -134

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$(\alpha, 2n) \alpha$

53-I -134

Radionuclide Production Cross Section



15

Incident Energy (MeV)

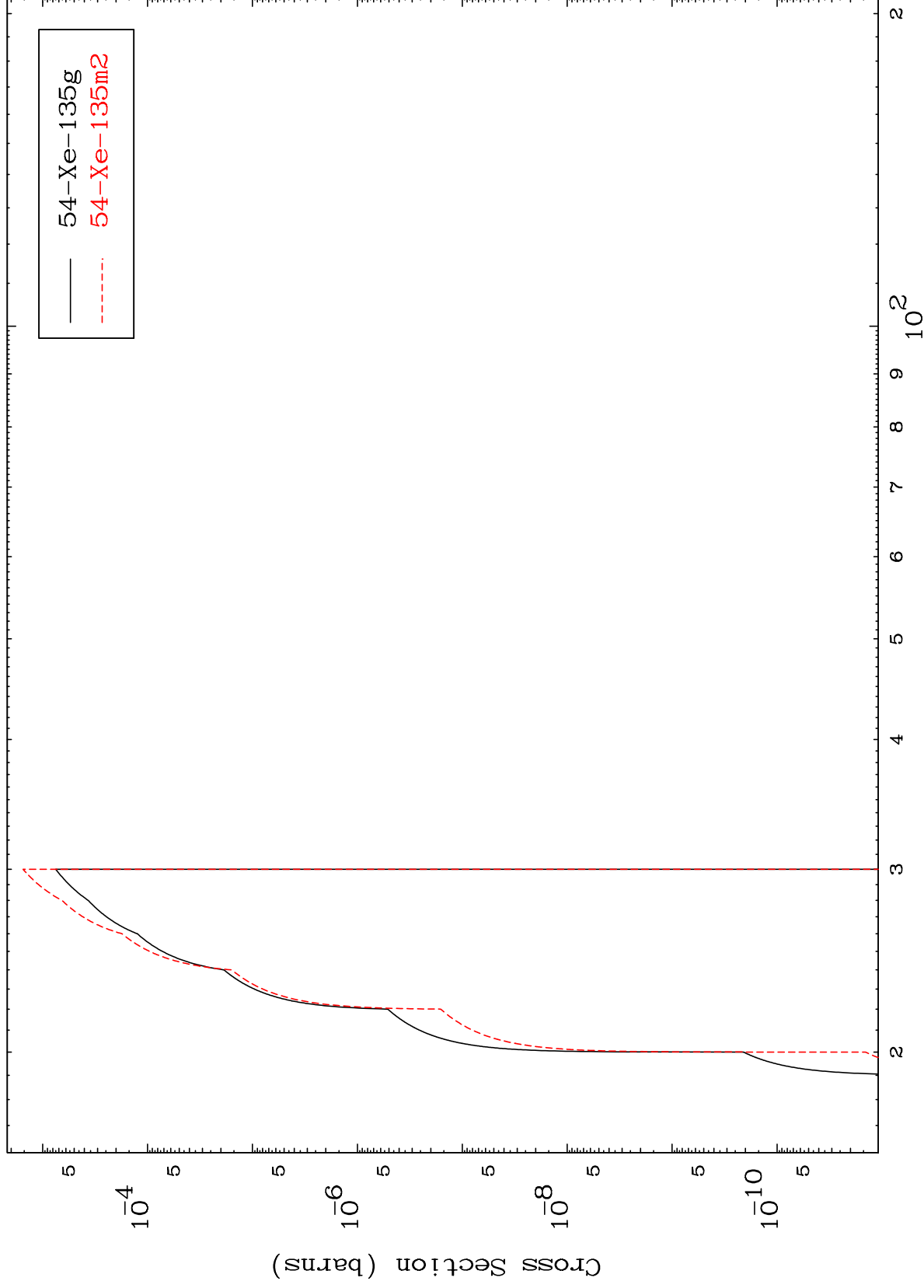
53-I -134

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(α, n') d

53-I -134

Radionuclide Production Cross Section



16

Incident Energy (MeV)

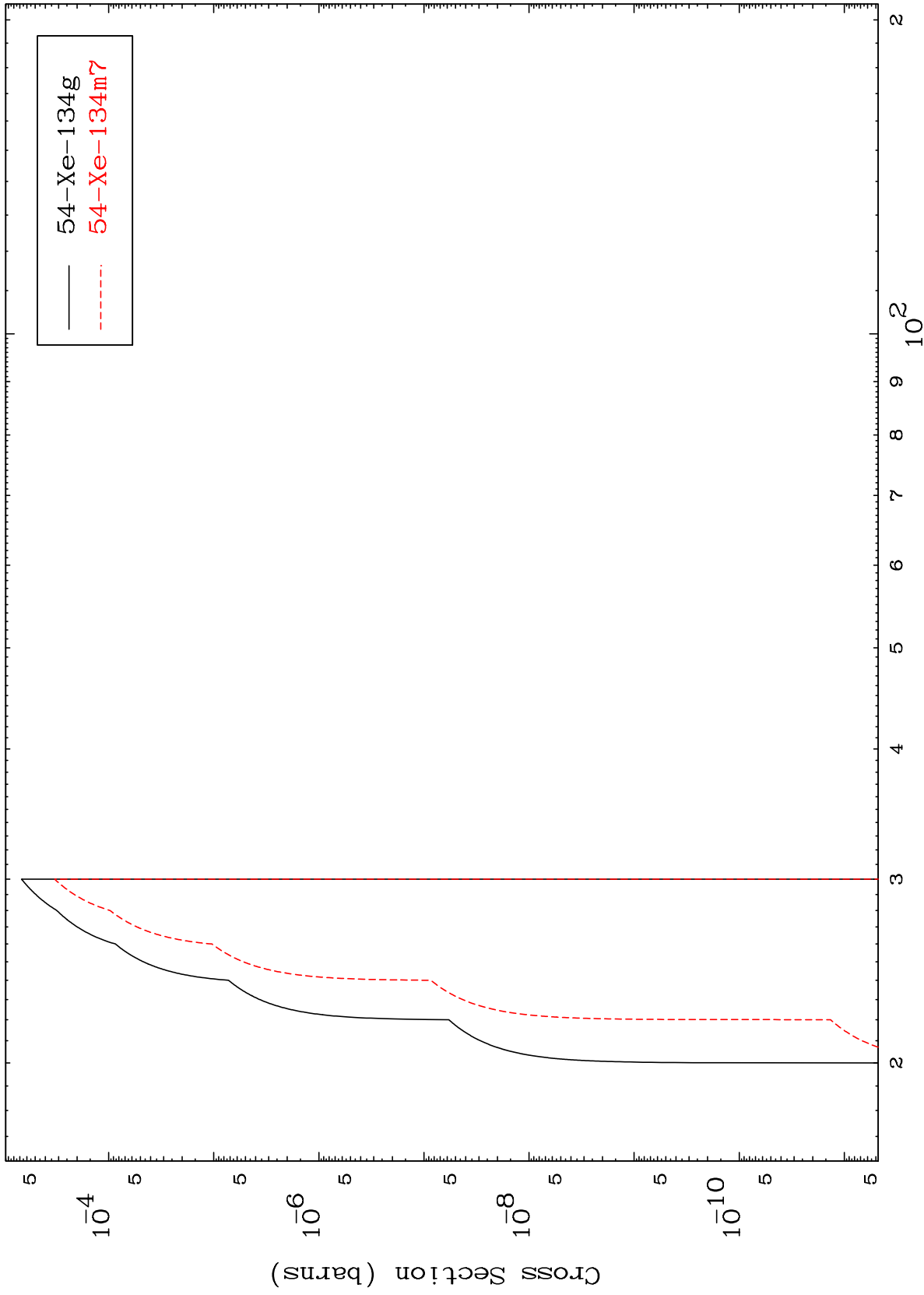
53-I -134

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(α, n') t

53-I -134

Radionuclide Production Cross Section



17

Incident Energy (MeV)

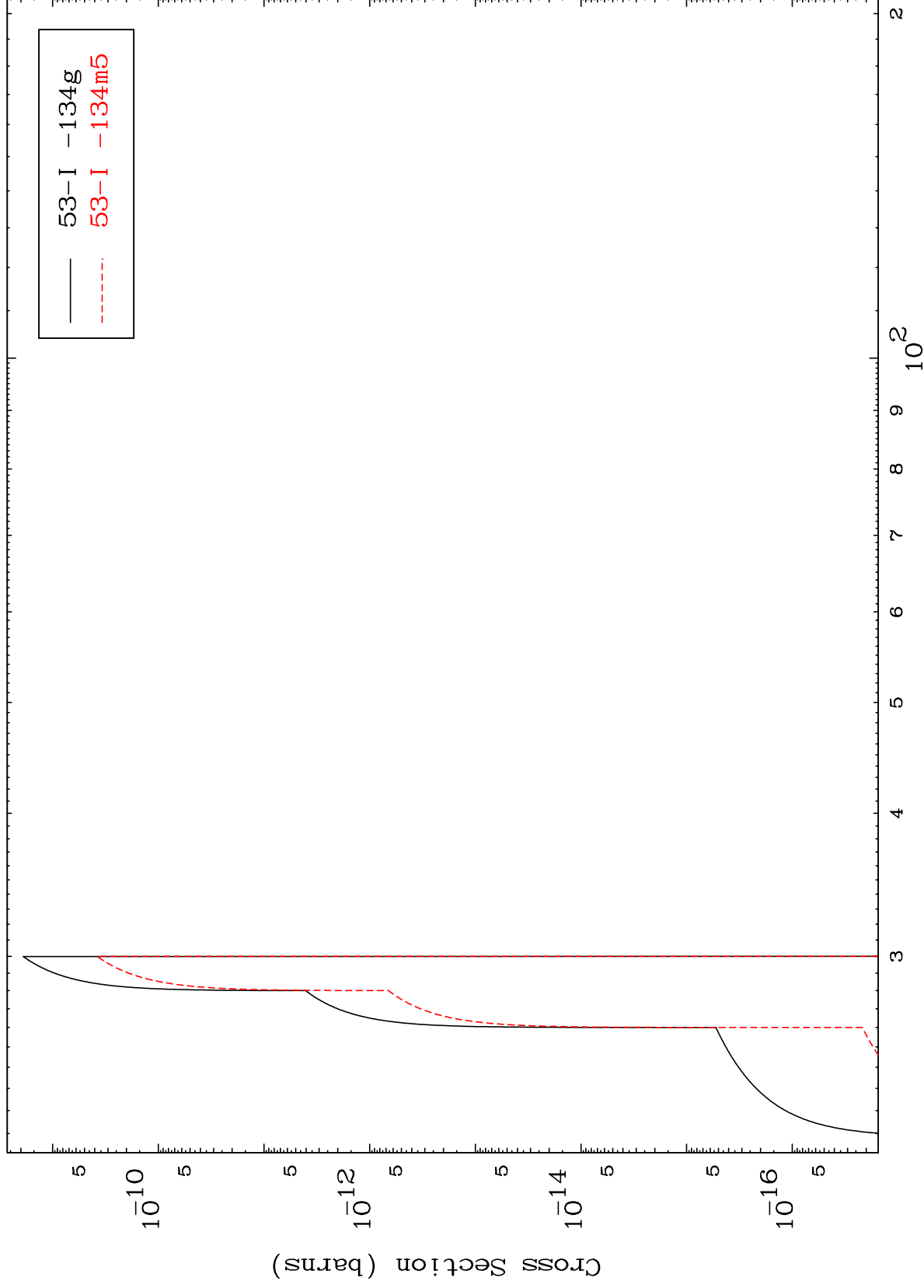
53-I -134

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(α, n') He-3

53-I -134

Radionuclide Production Cross Section



18

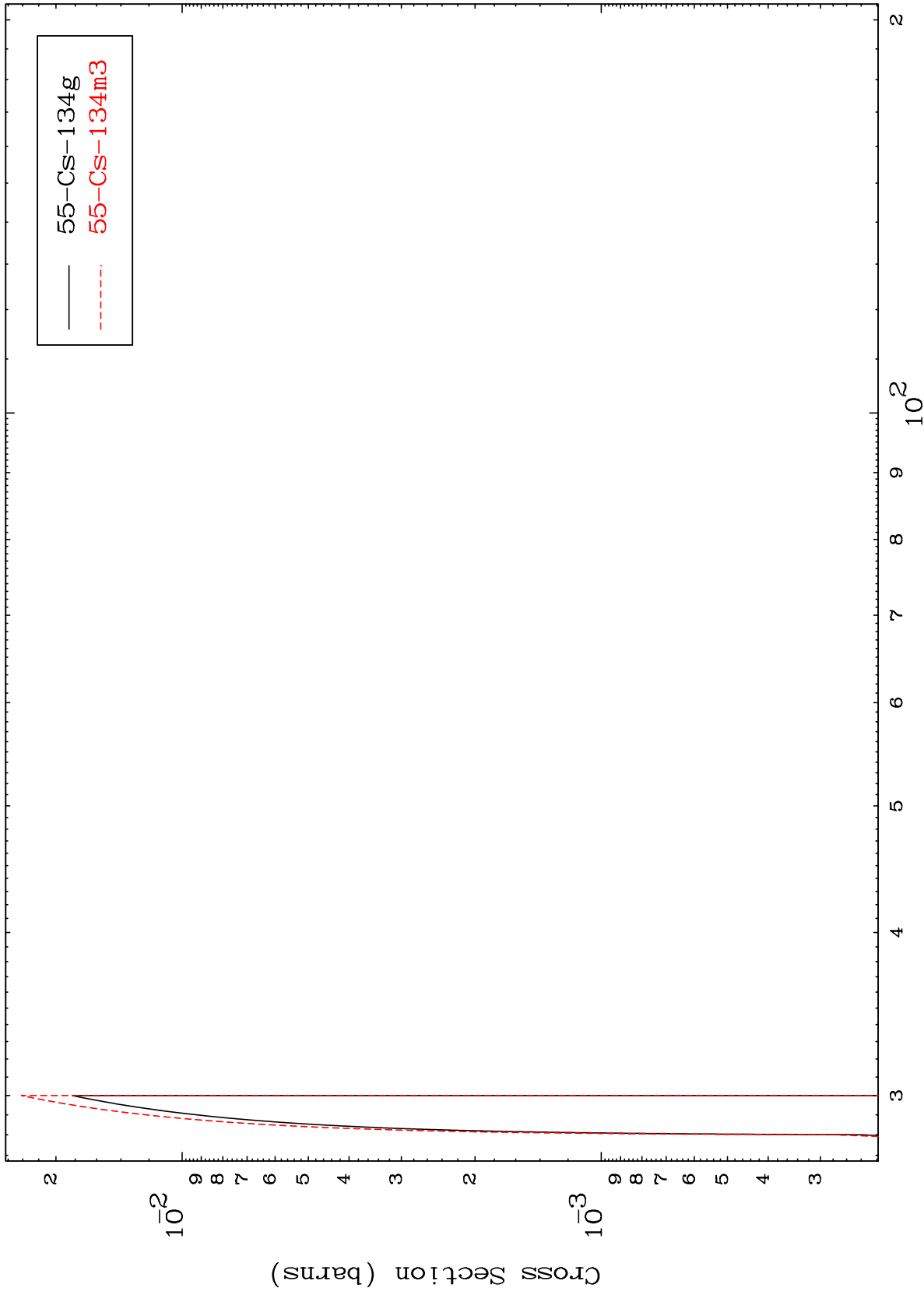
Incident Energy (MeV)

53-I -134

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53-I -134

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



19

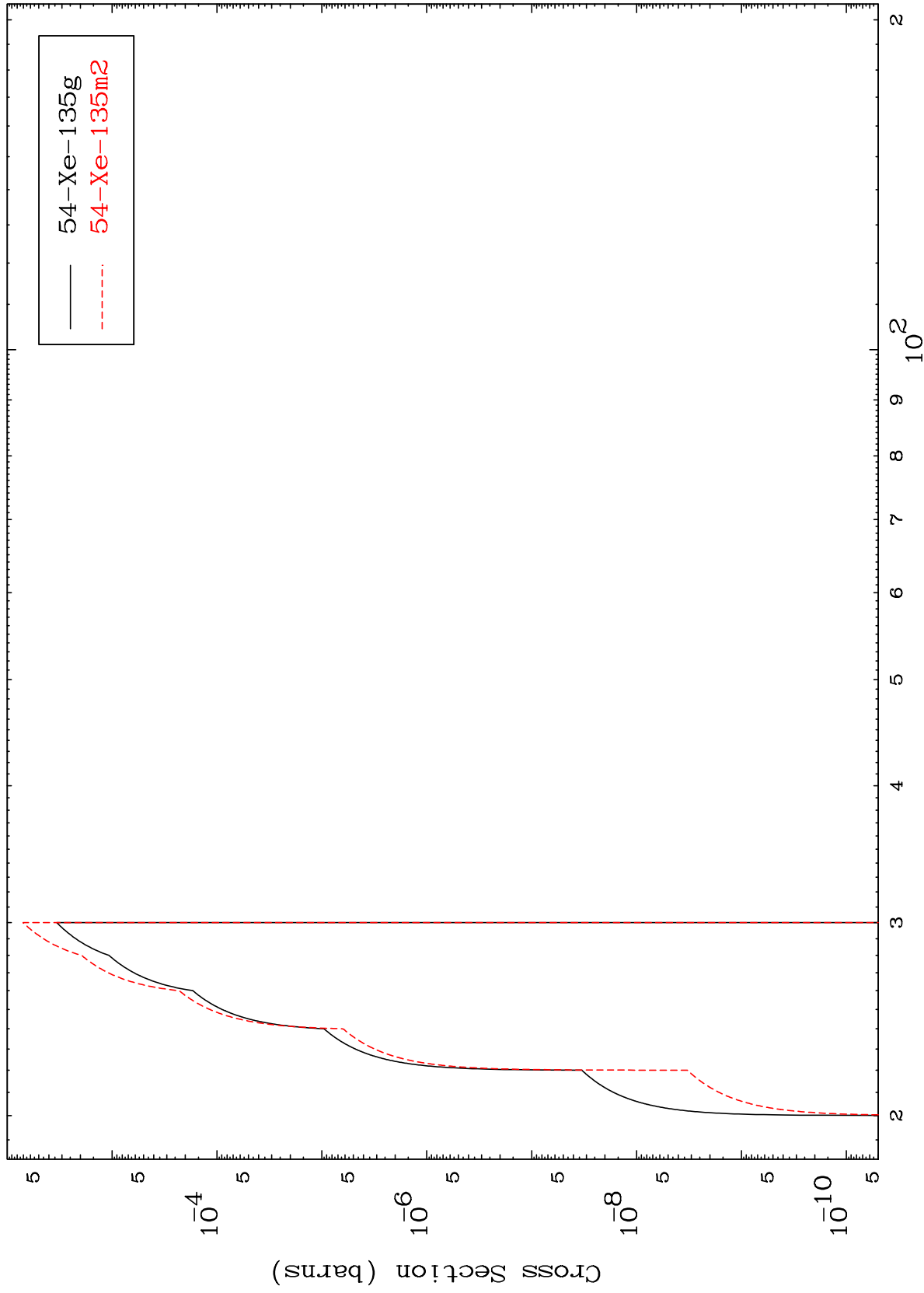
Incident Energy (MeV)

53-I -134

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53-I -134

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



20

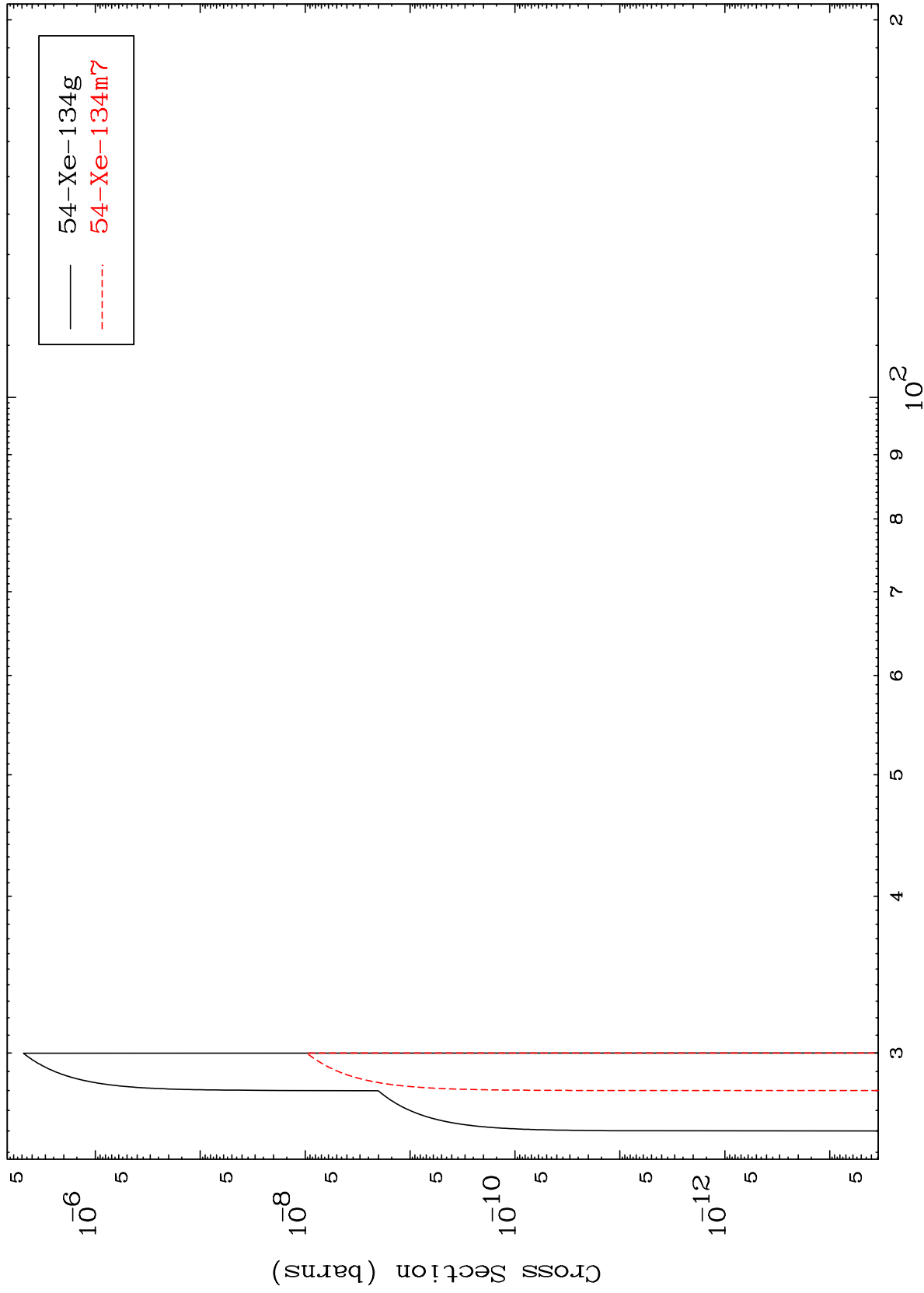
Incident Energy (MeV)

53-I -134

MAT 5347

53-I -134

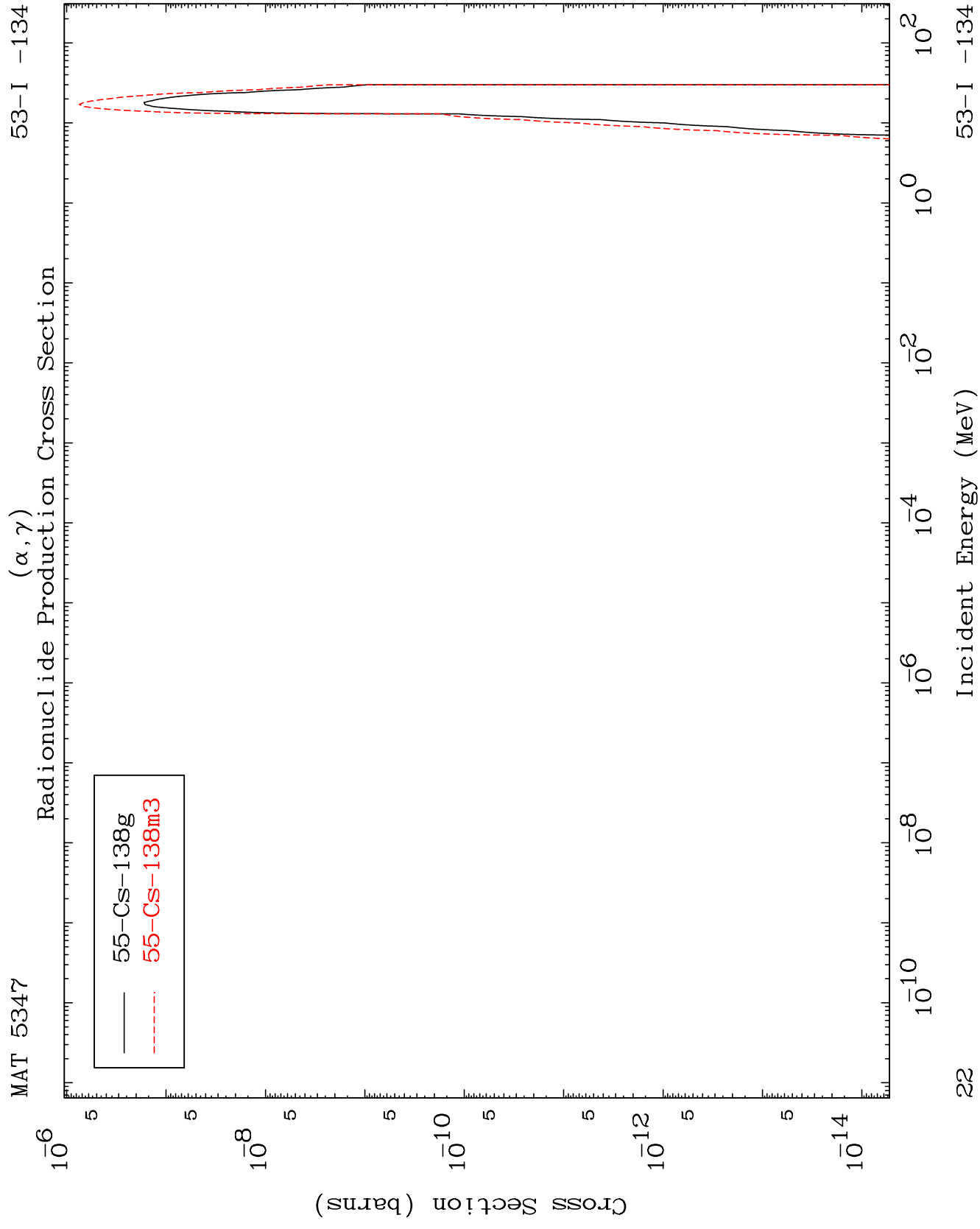
$(\alpha, 3n)$ p
Radionuclide Production Cross Section



21

Incident Energy (MeV)

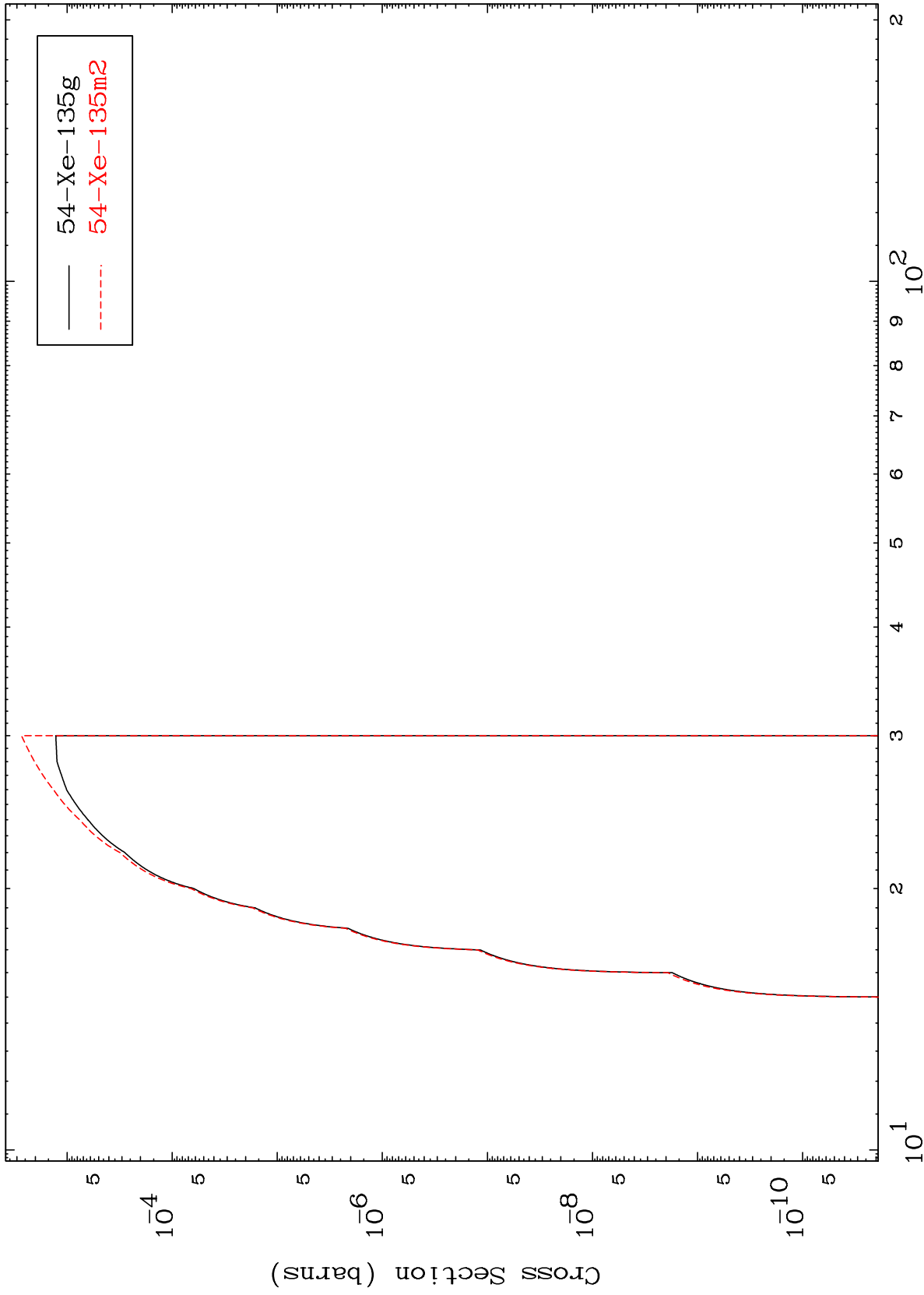
53-I -134



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53-I -134

(α, t)
Radionuclide Production Cross Section



23

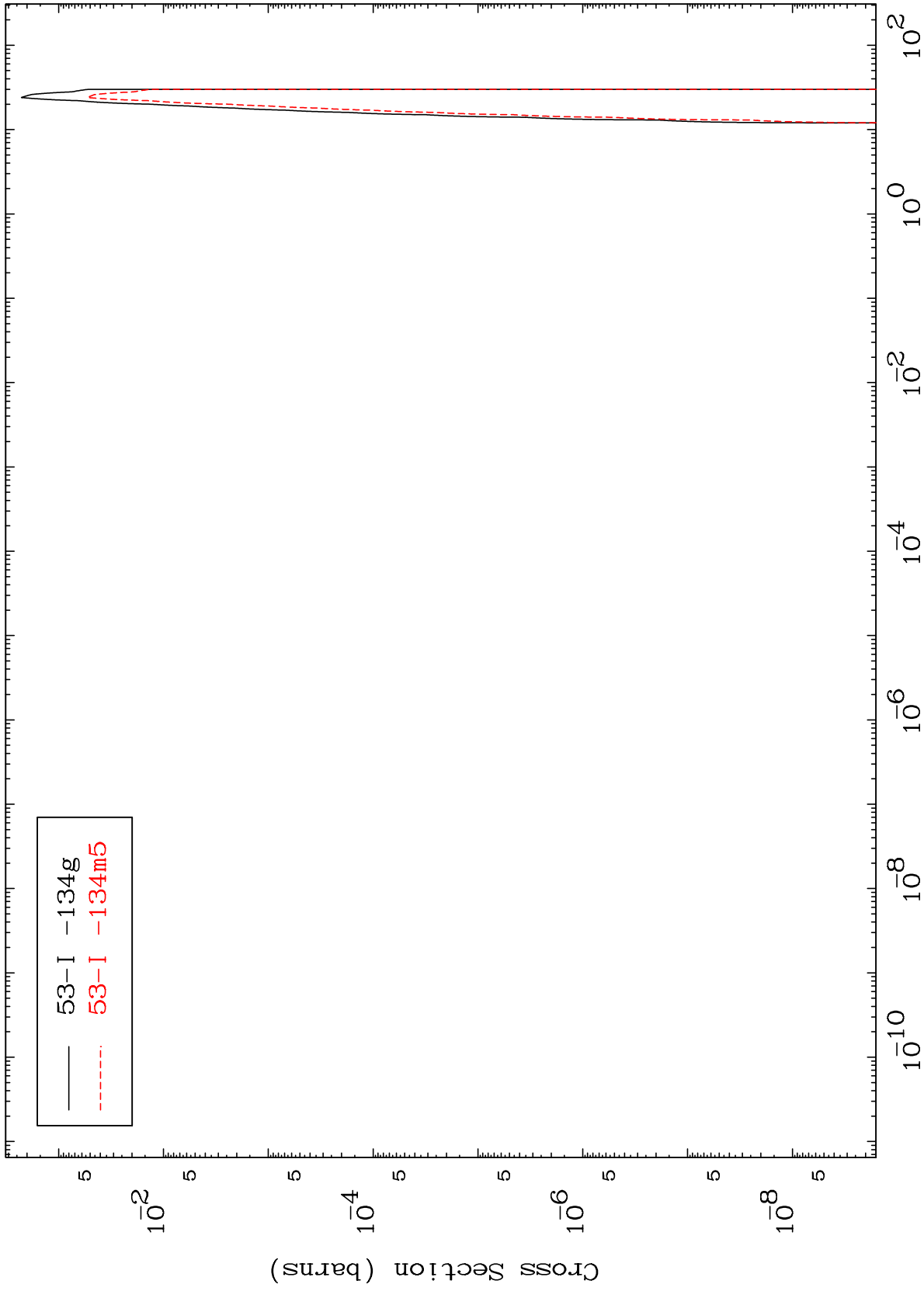
Incident Energy (MeV)

53-I -134

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53-I -134

Radionuclide Production Cross Section



24

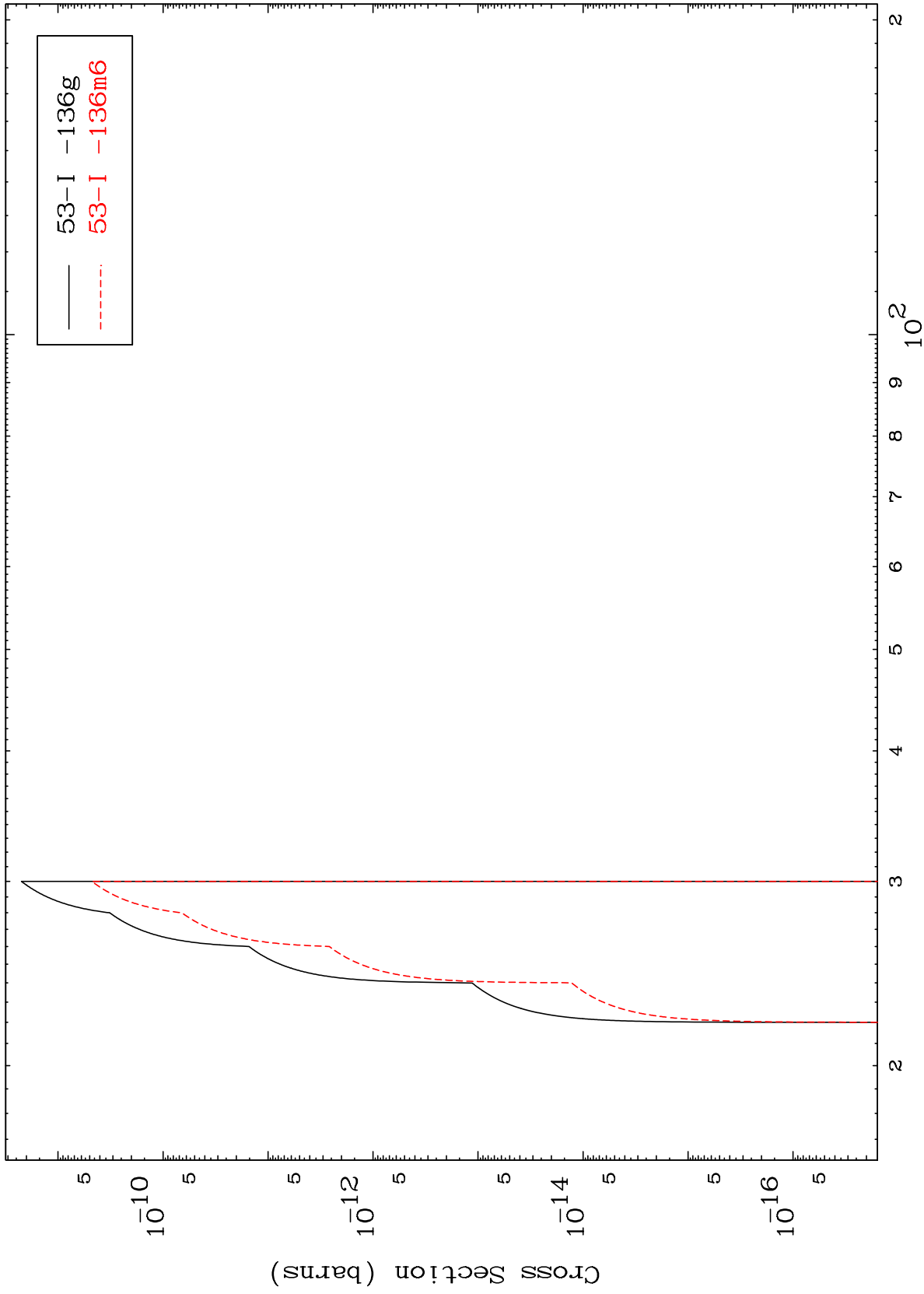
Incident Energy (MeV)

53-I -134

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53-I -134

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



25

Incident Energy (MeV)

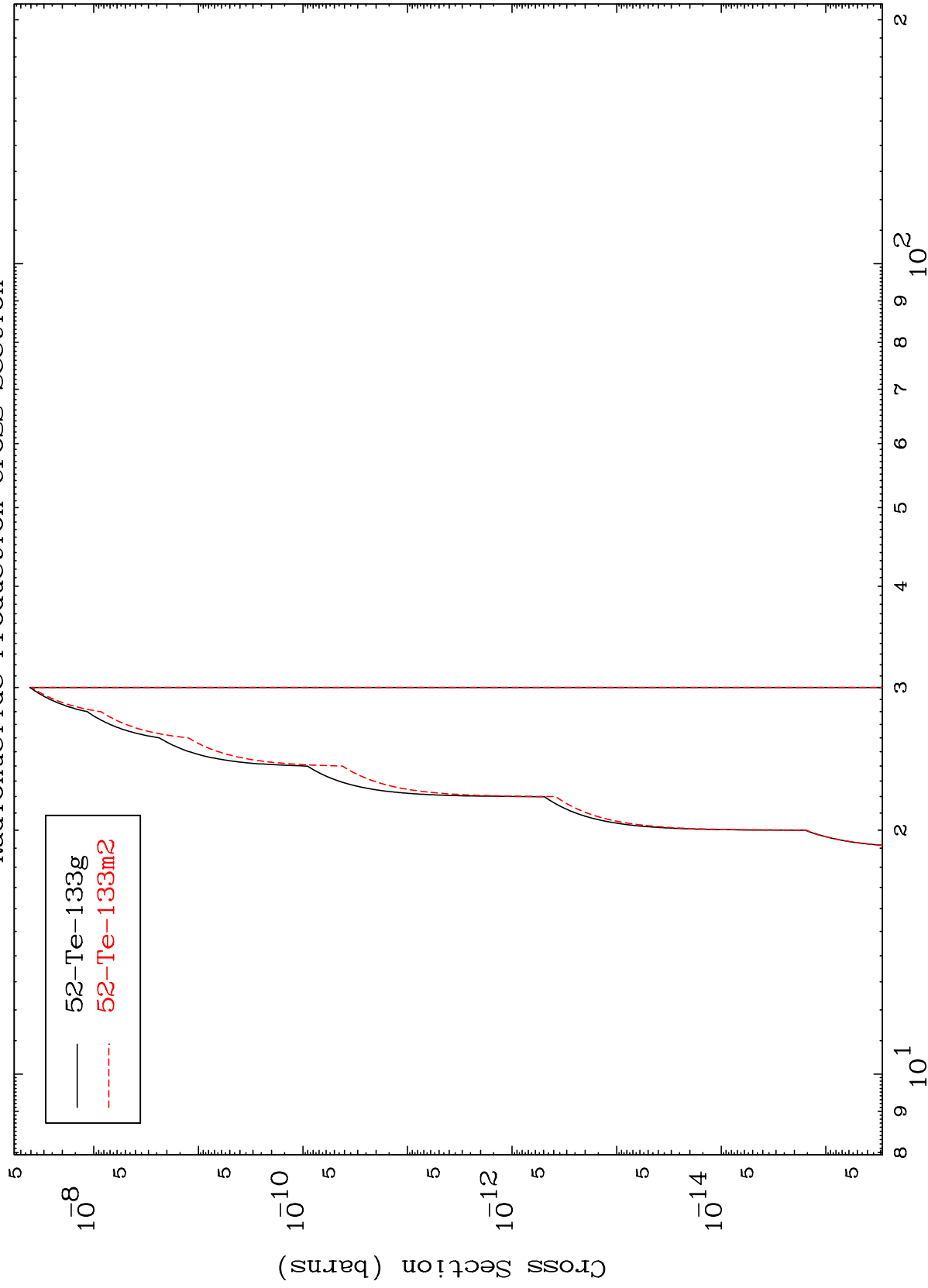
53-I -134

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(α ,p) α

53-I -134

Radionuclide Production Cross Section



26

Incident Energy (MeV)

53-I -134