

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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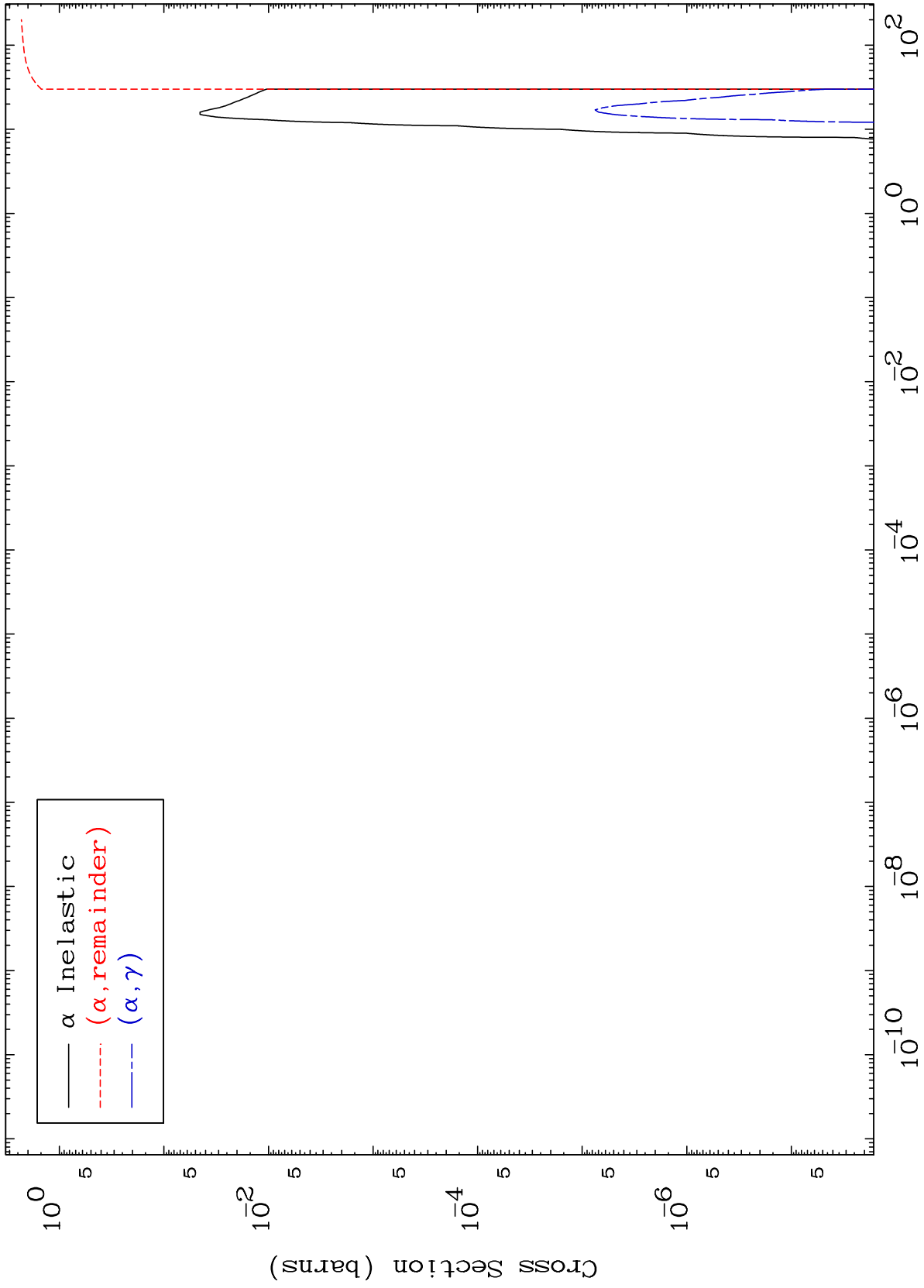
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5340

0 Kelvin α Major
Cross Sections

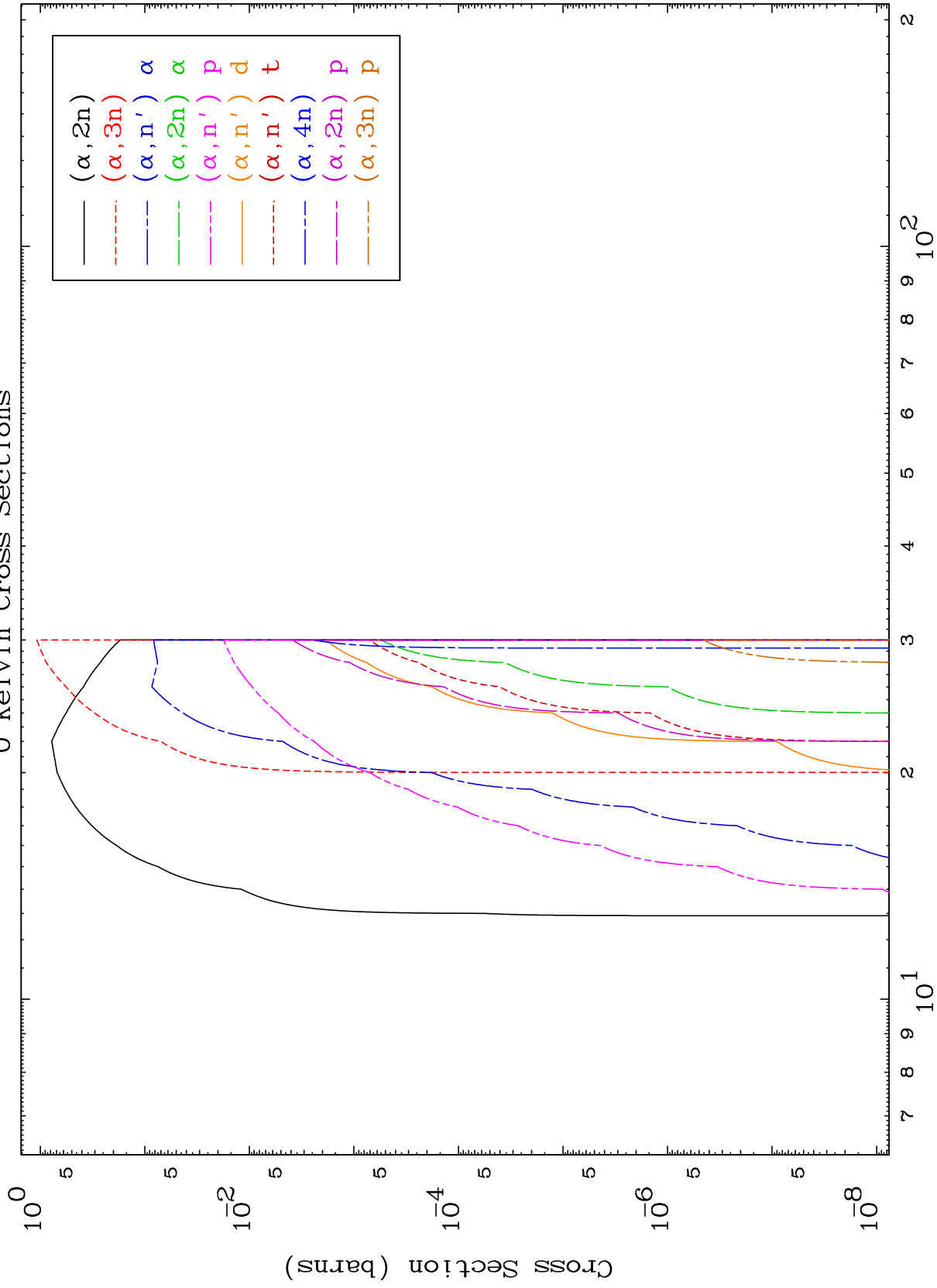
53-I -132

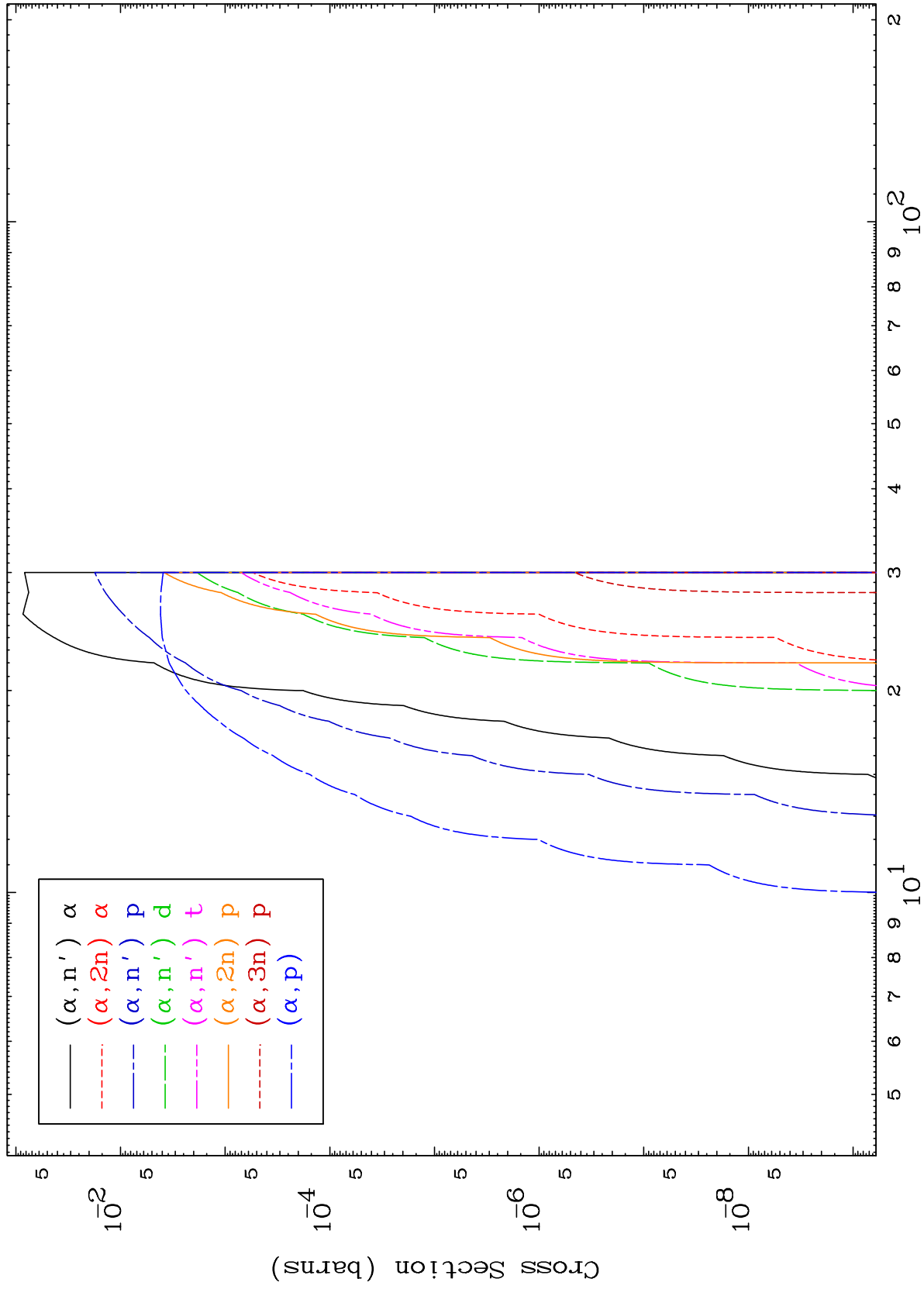


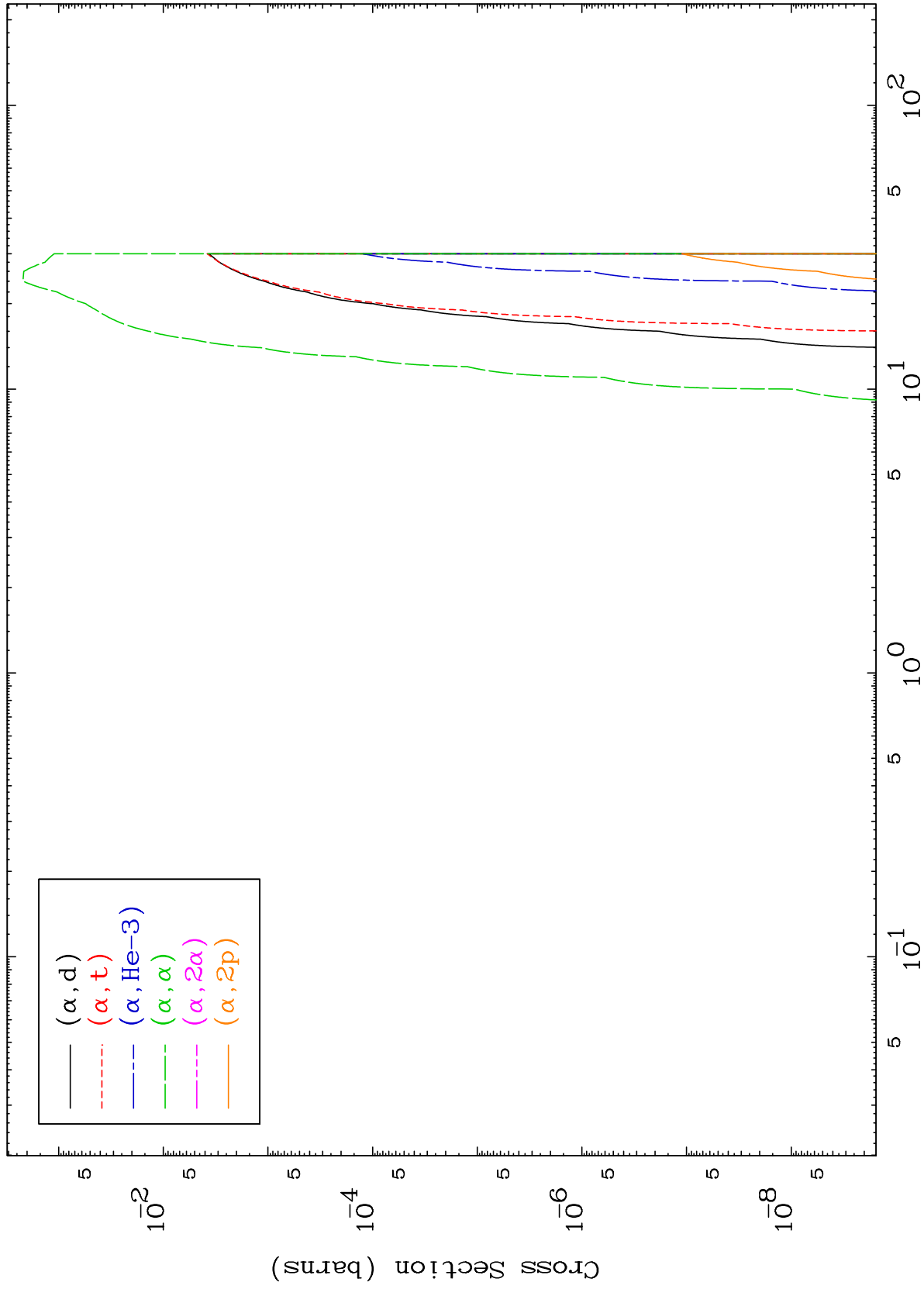
1

Incident Energy (MeV)

53-I -132



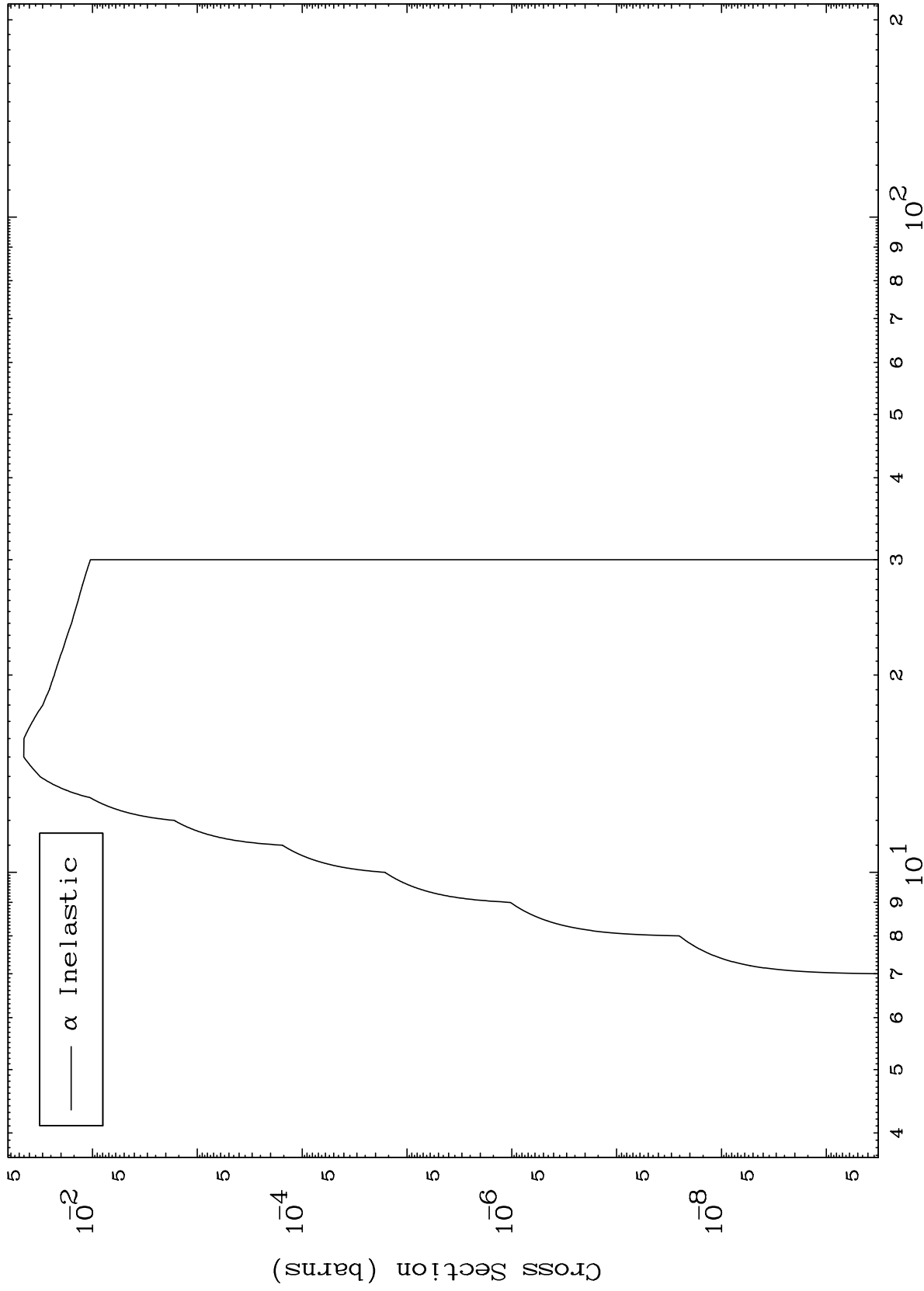




MAT 5340

(α, n') Level
0 Kelvin Cross Sections

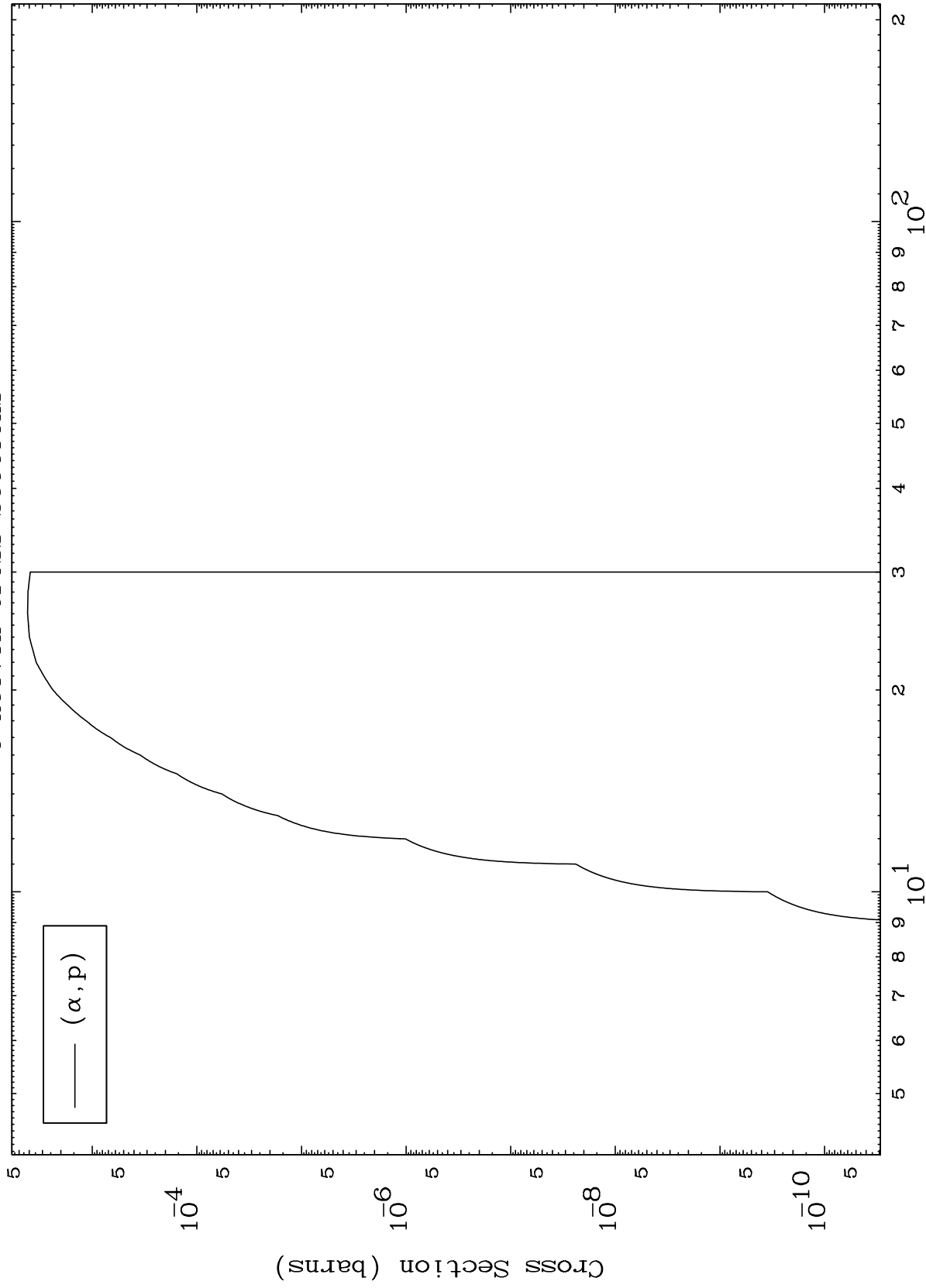
53-I -132

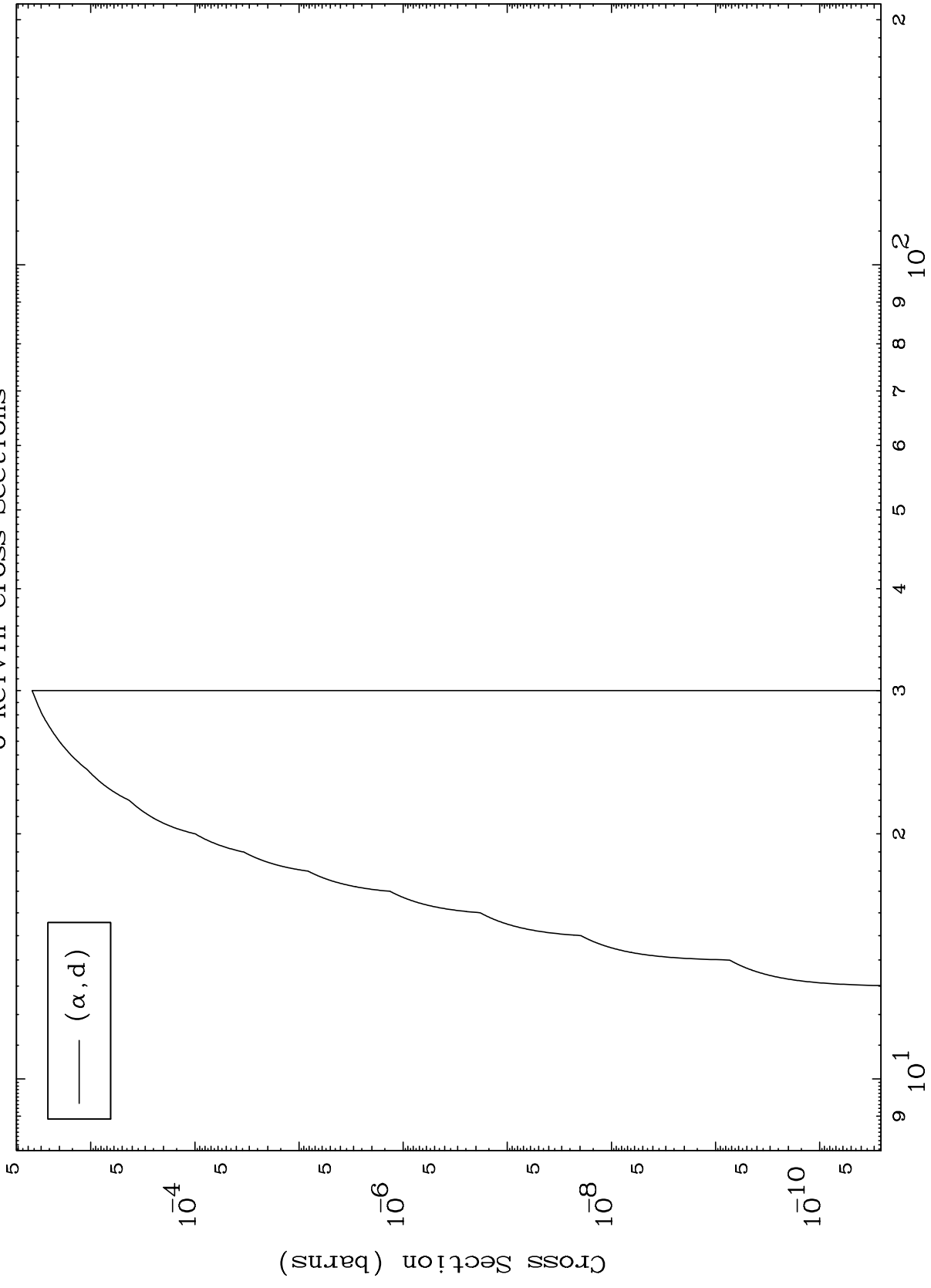


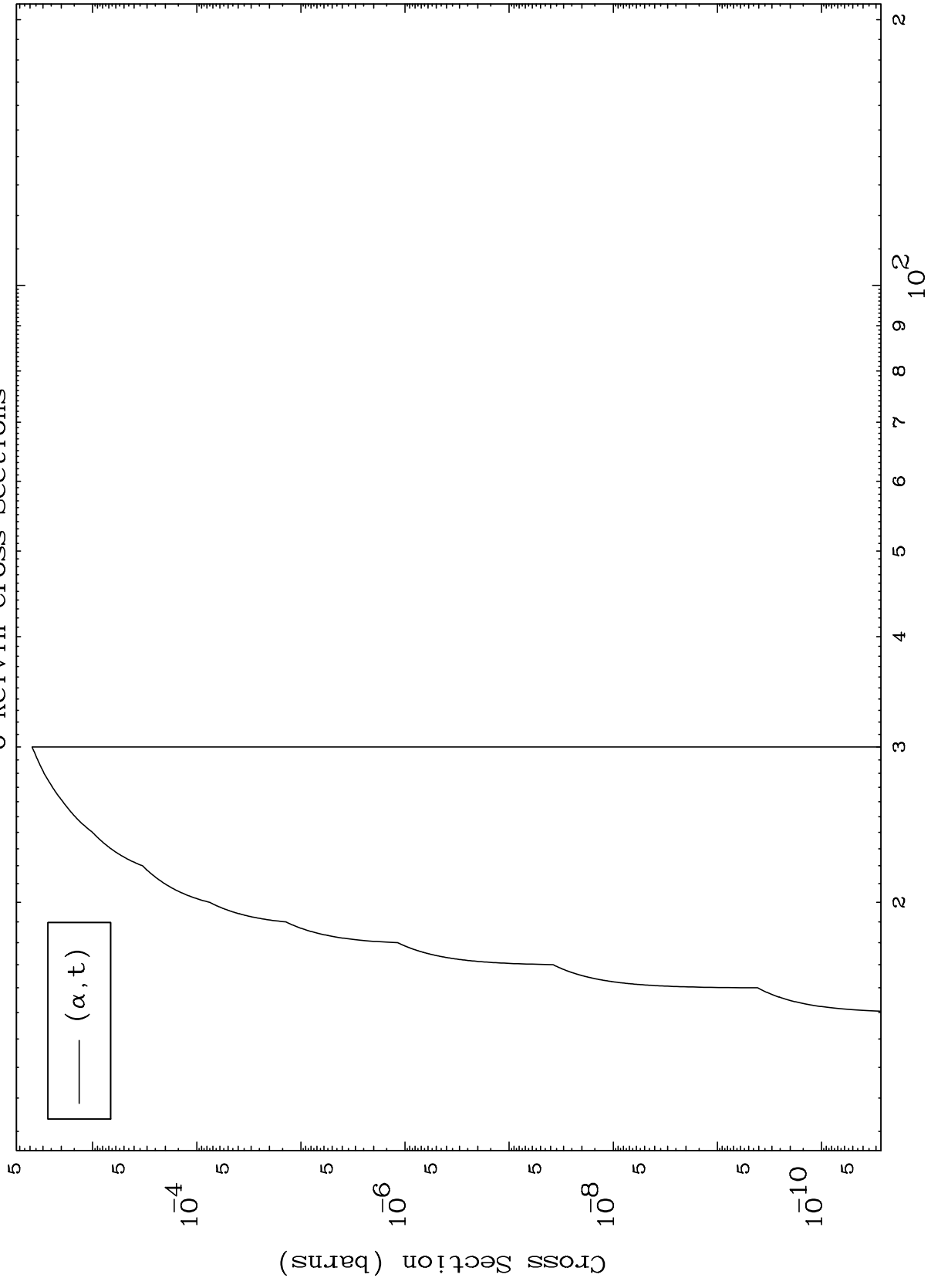
5

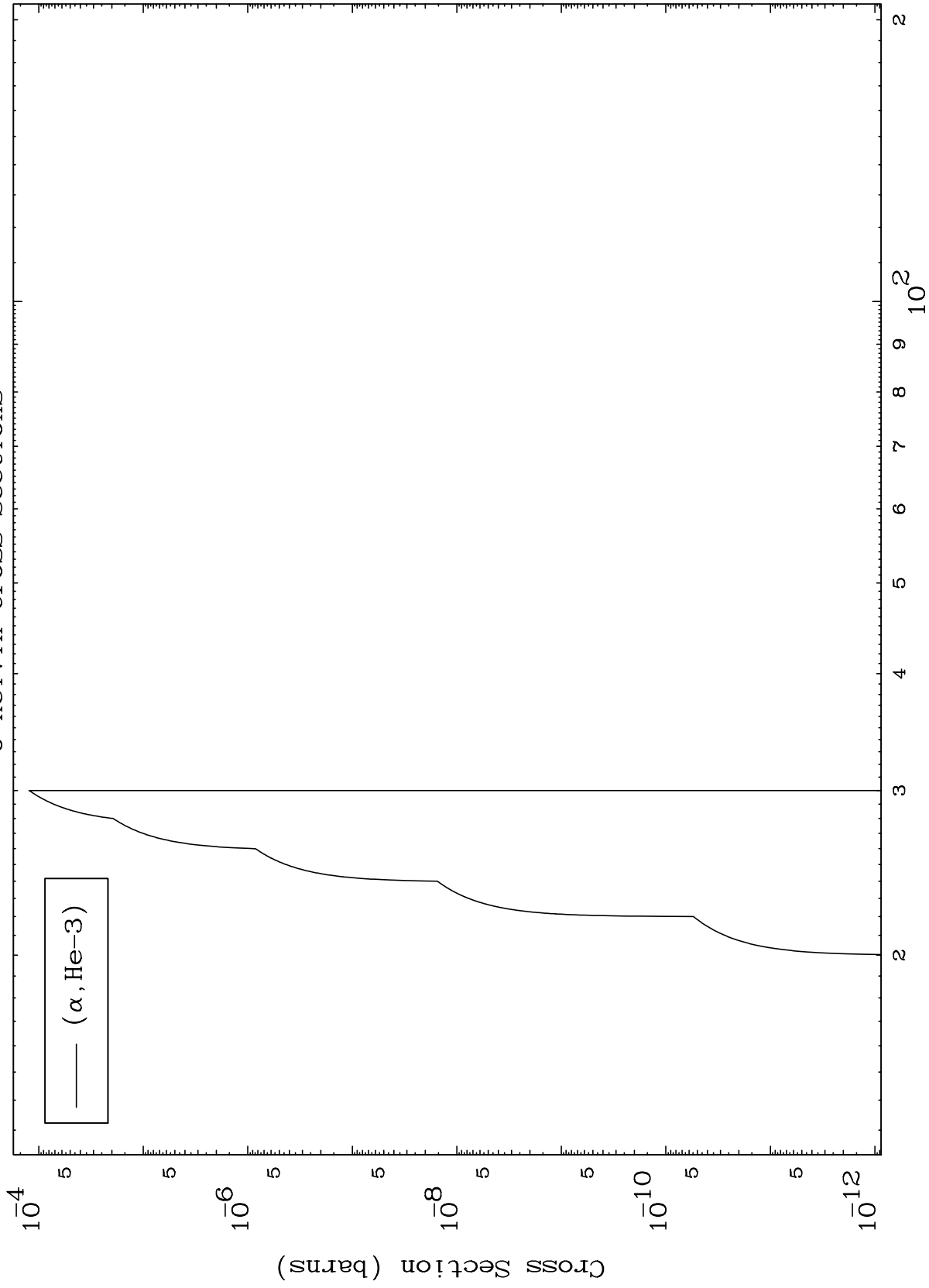
Incident Energy (MeV)

53-I -132





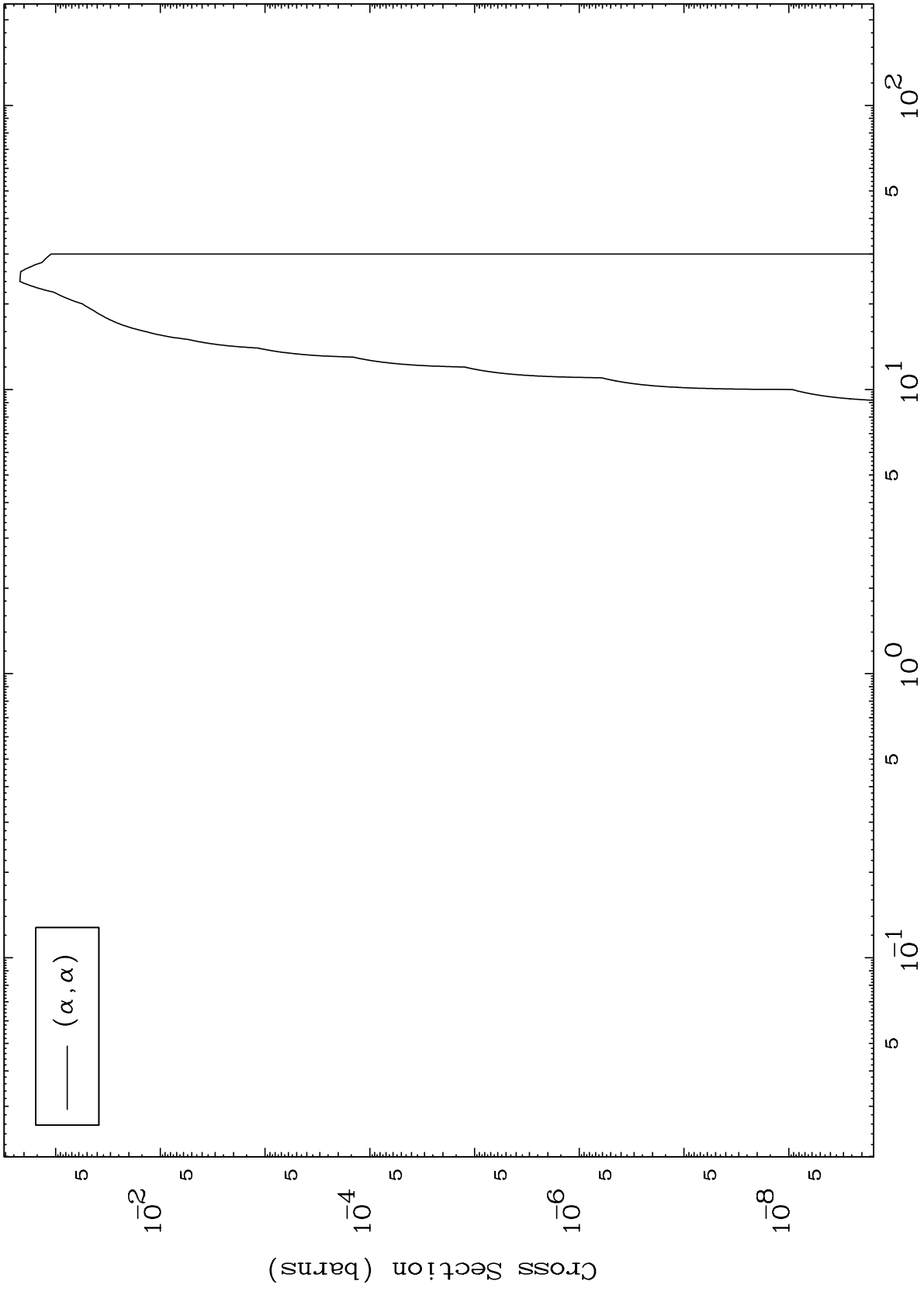




MAT 5340

(α, α) Levels
0 Kelvin Cross Sections

53-I -132



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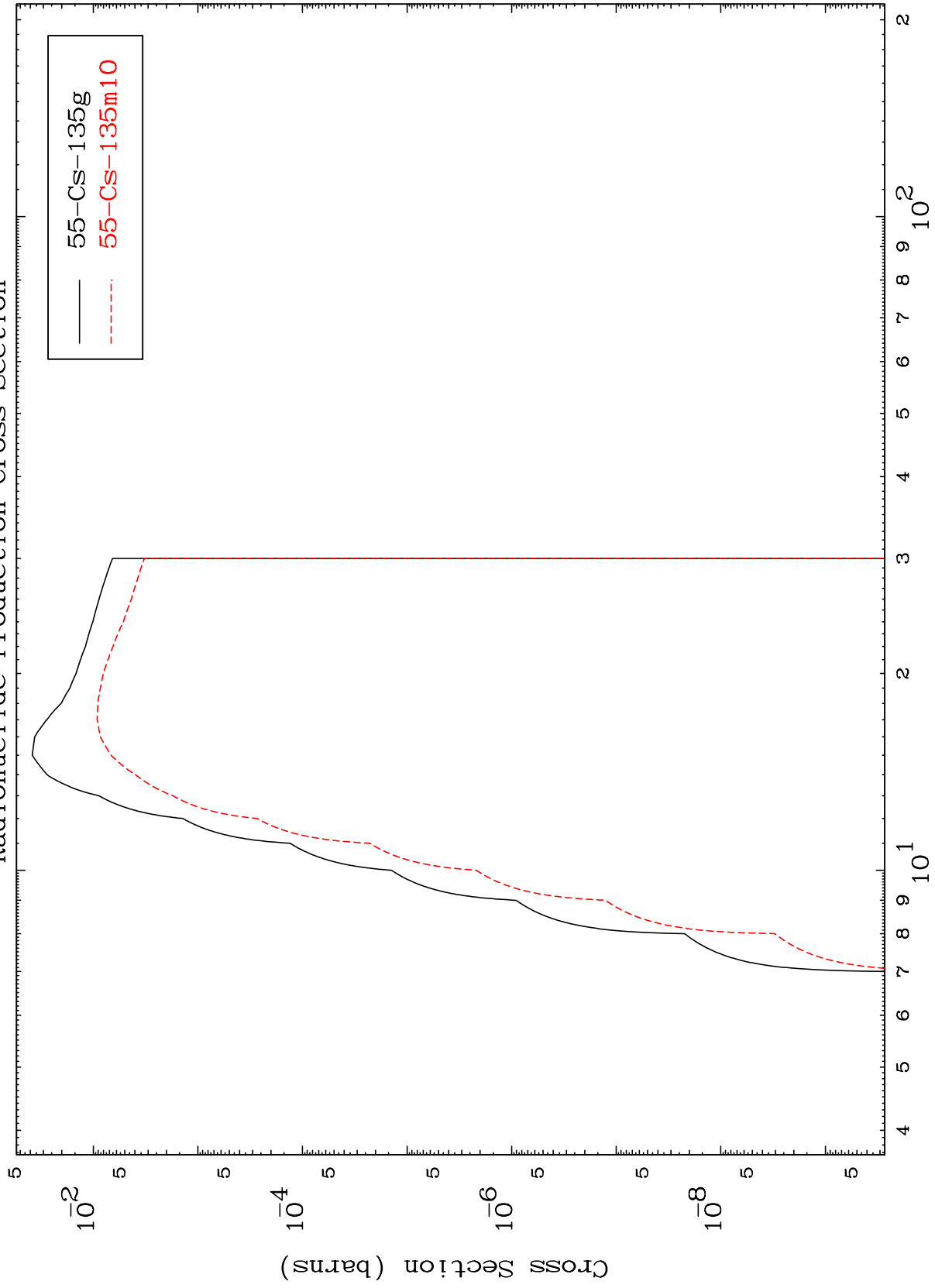
Incident Energy (MeV)

53-I -132

MAT 5340

53-I -132

α Inelastic Radionuclide Production Cross Section



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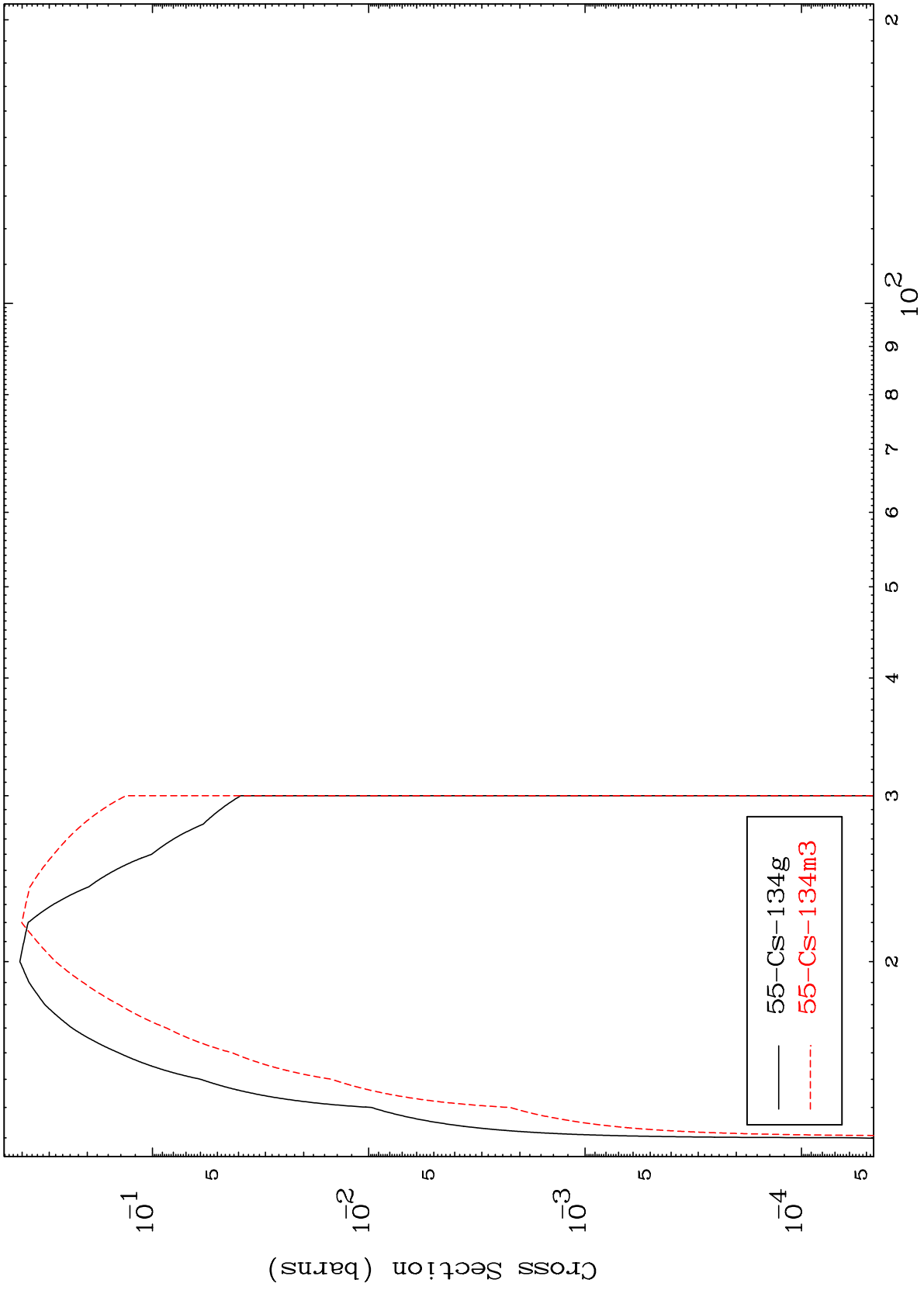
Incident Energy (MeV)

53-I -132

MAT 5340

53-I -132

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



12

Incident Energy (MeV)

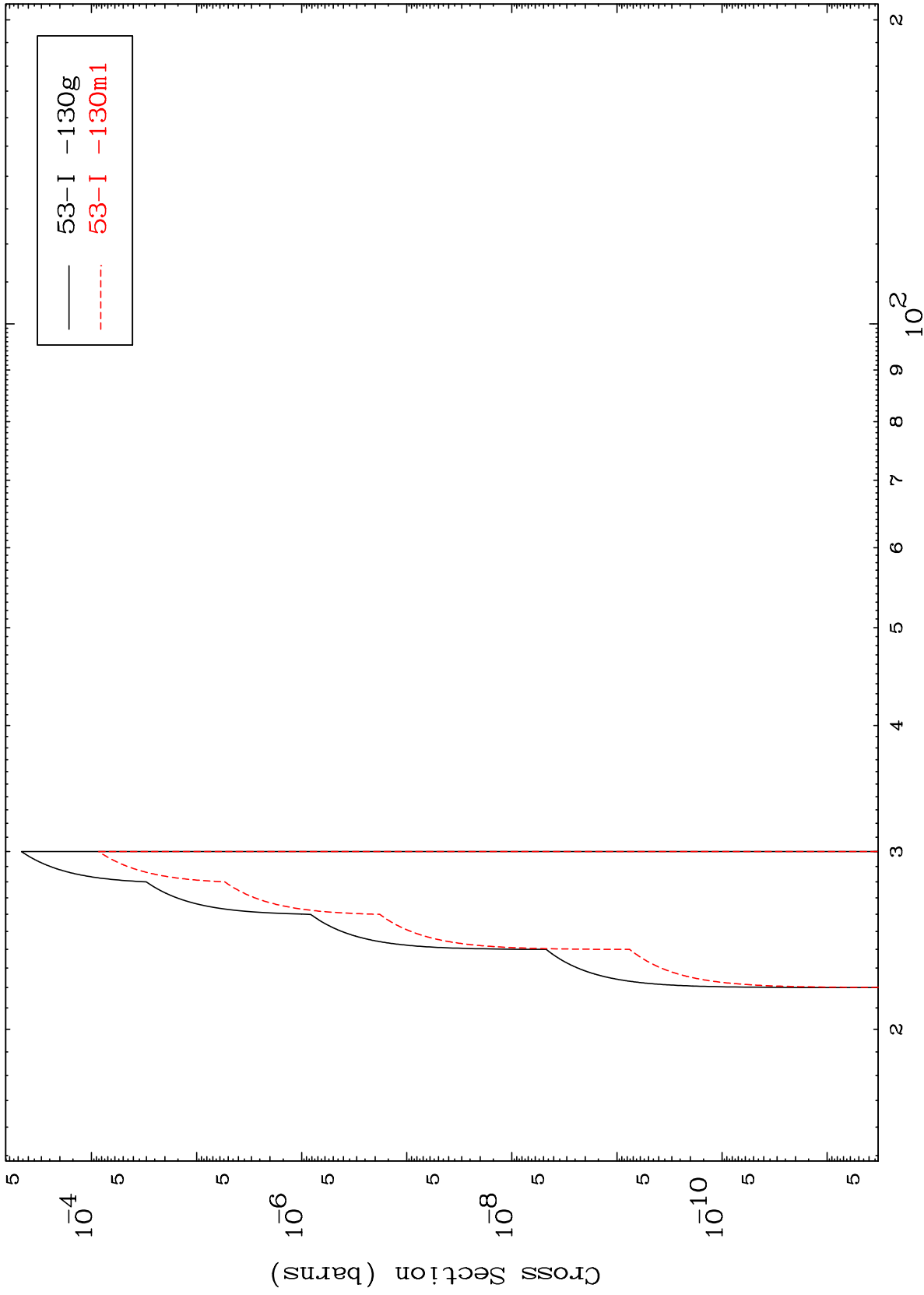
53-I -132

MAT 5340

$(\alpha, 2n) \alpha$

53-I -132

Radionuclide Production Cross Section



13

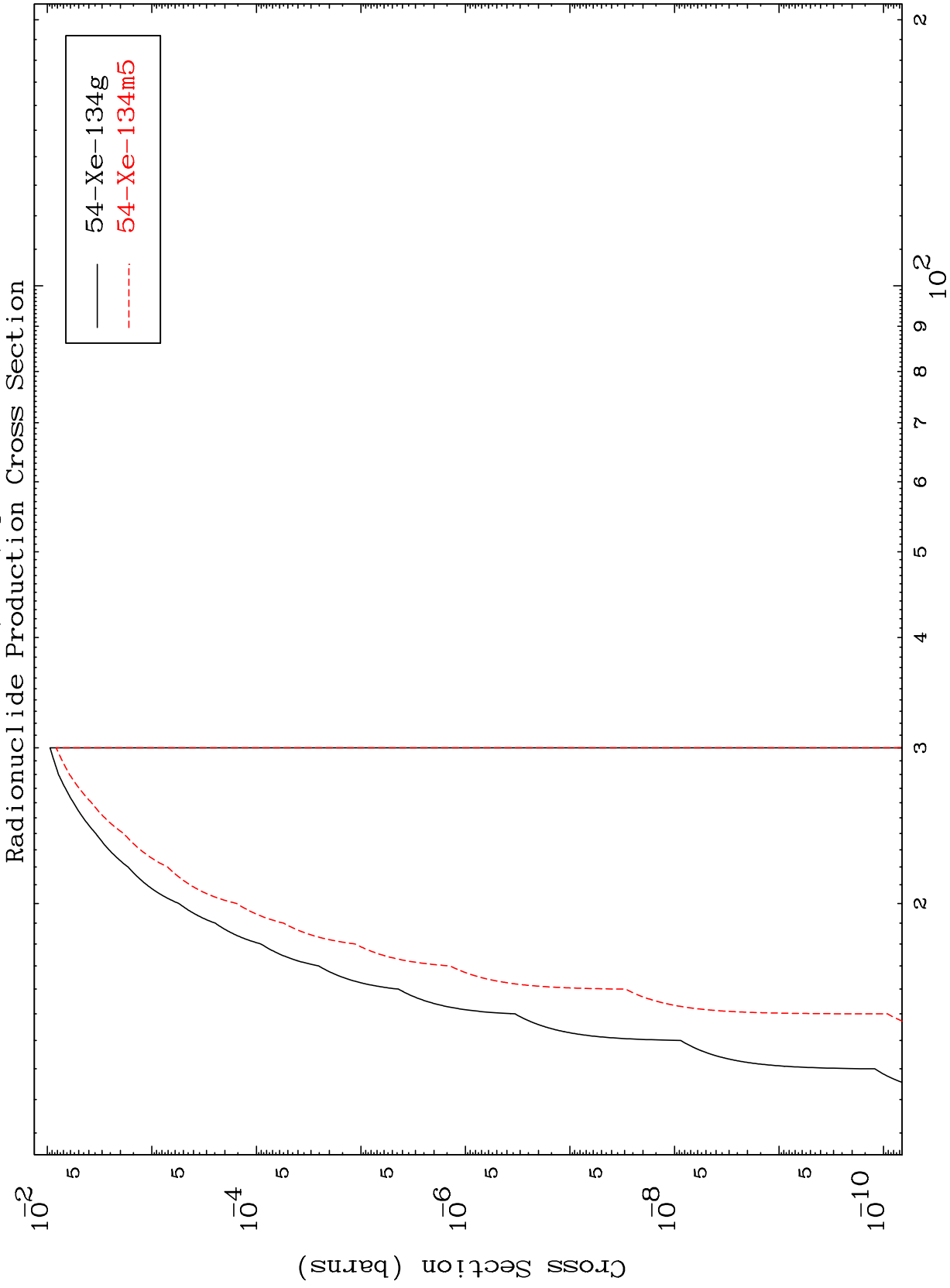
Incident Energy (MeV)

53-I -132

MAT 5340

(α, n') p

53-I -132



14

Incident Energy (MeV)

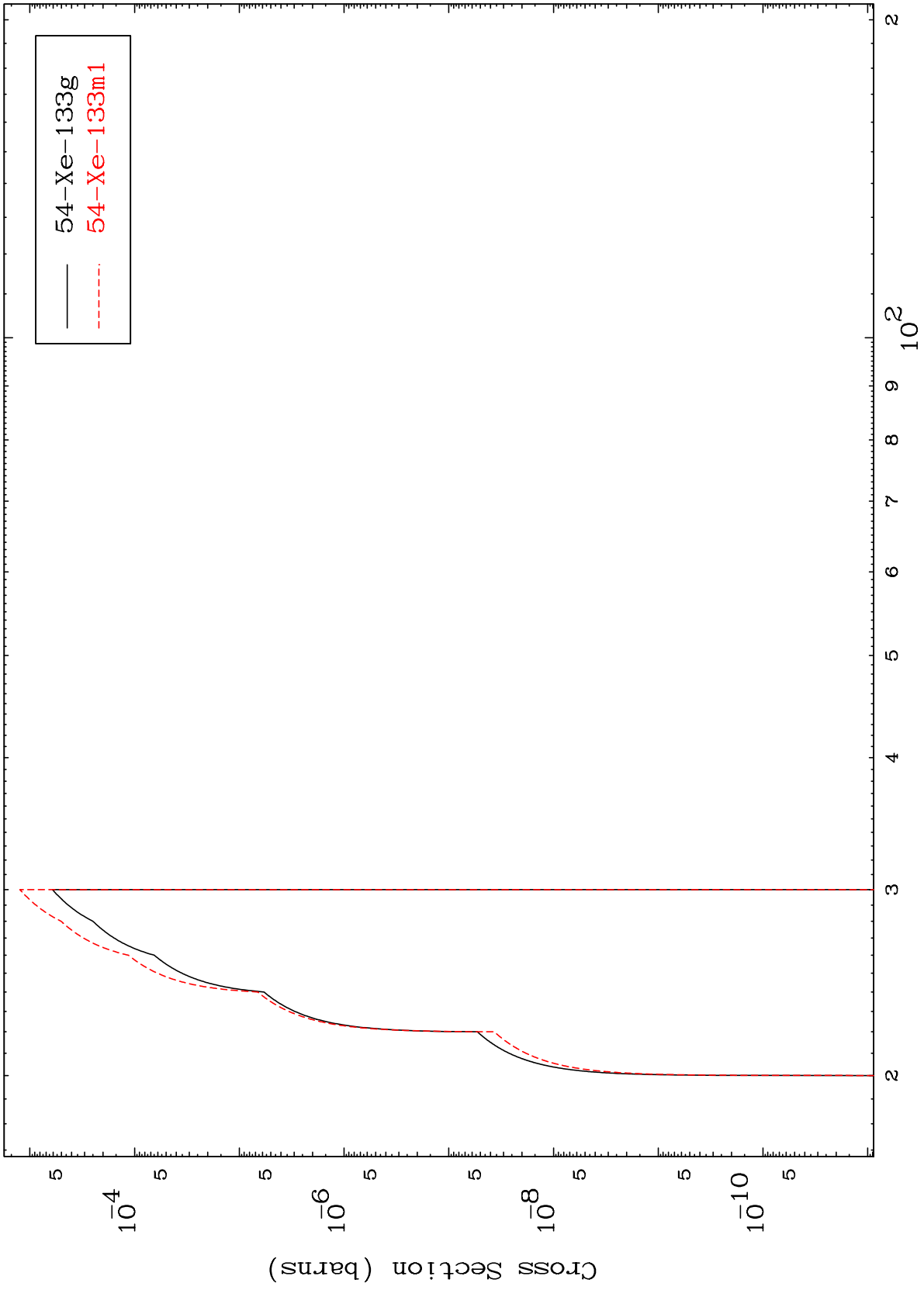
53-I -132

MAT 5340

(α, n') d

53-I -132

Radionuclide Production Cross Section

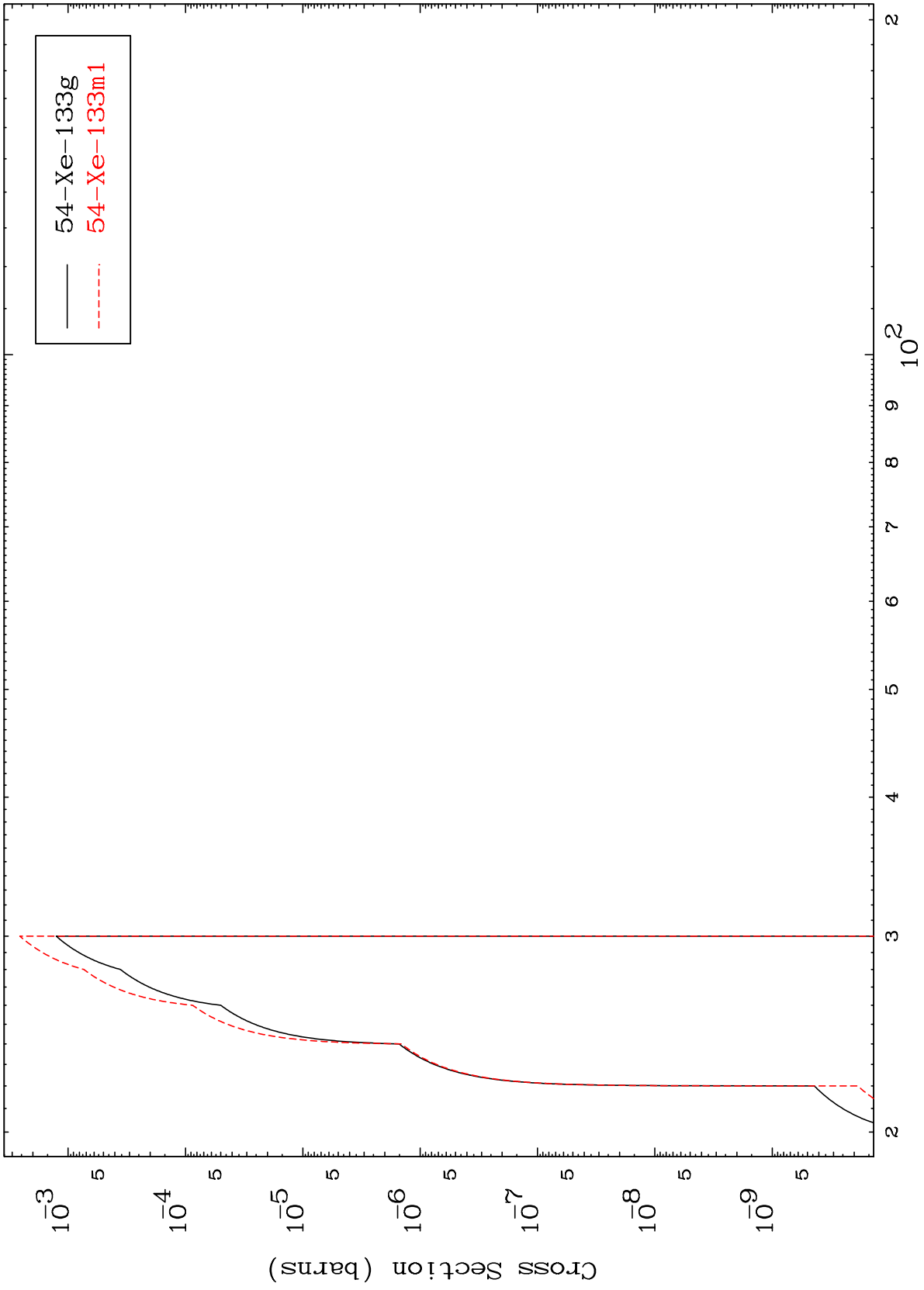


15

Incident Energy (MeV)

53-I -132

Radionuclide Production Cross Section

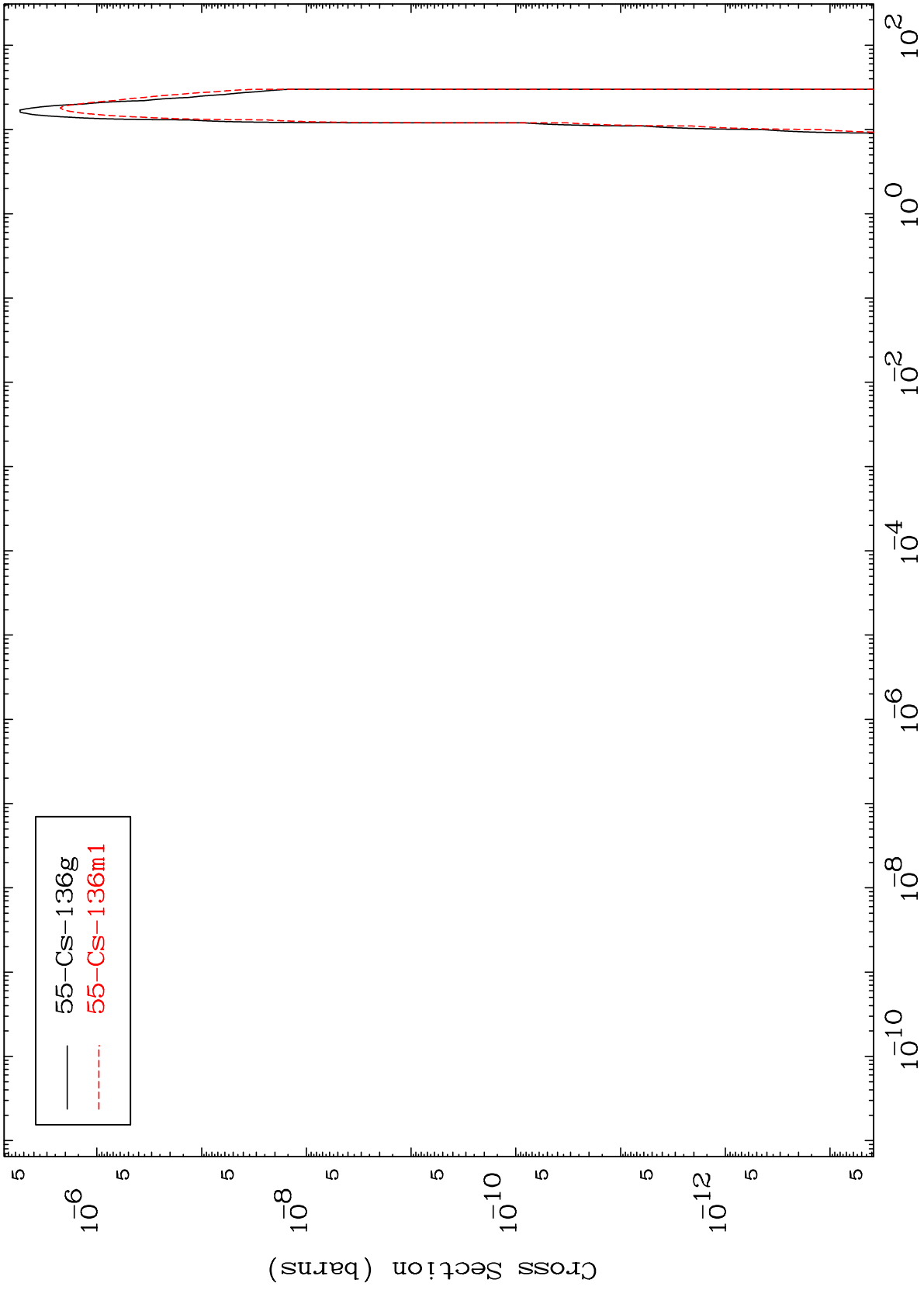


MAT 5340

(α, γ)

53-I -132

Radionuclide Production Cross Section



17

Incident Energy (MeV)

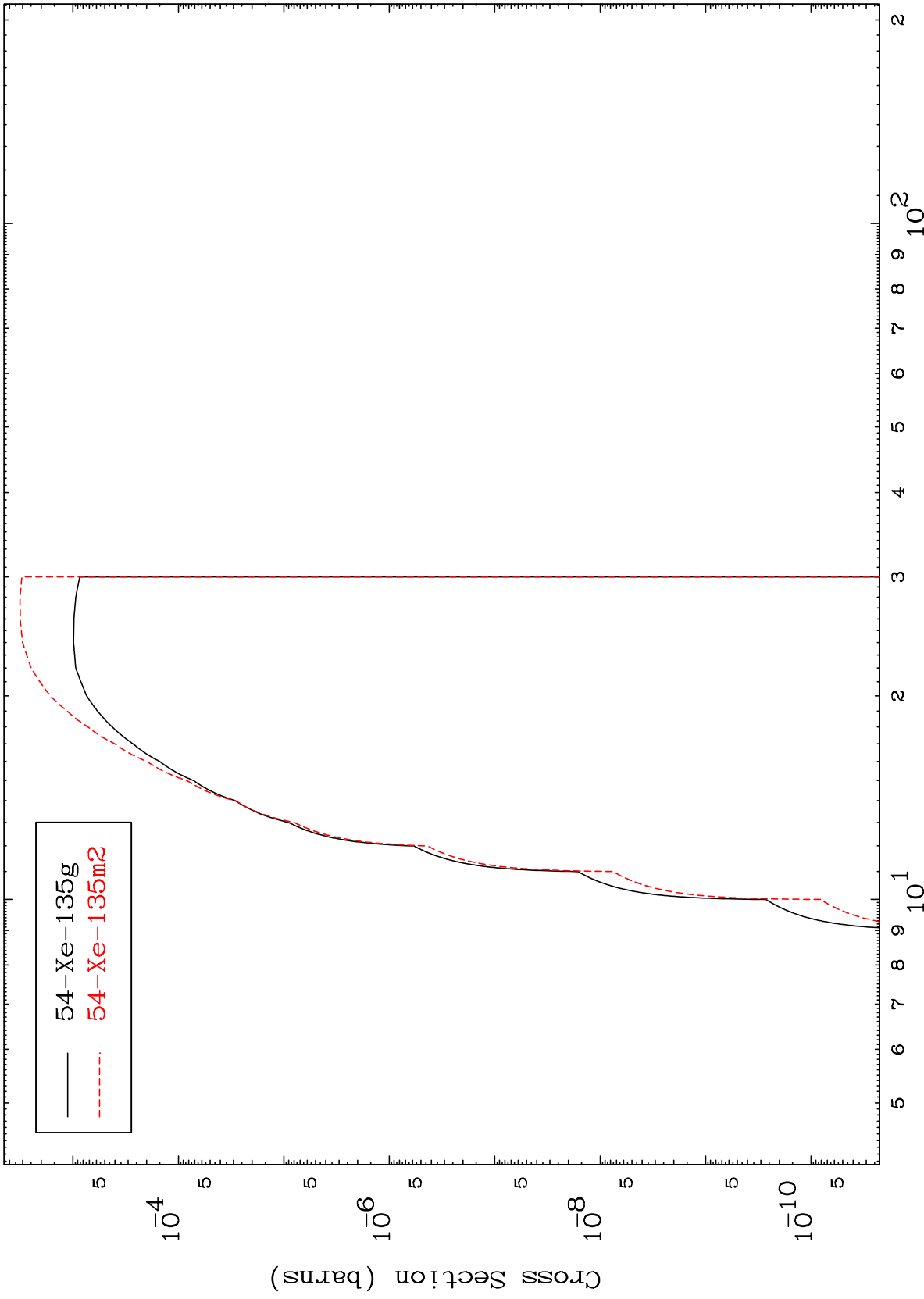
53-I -132

MAT 5340

53-I -132

Radionuclide Production Cross Section

(α, p)



18

Incident Energy (MeV)

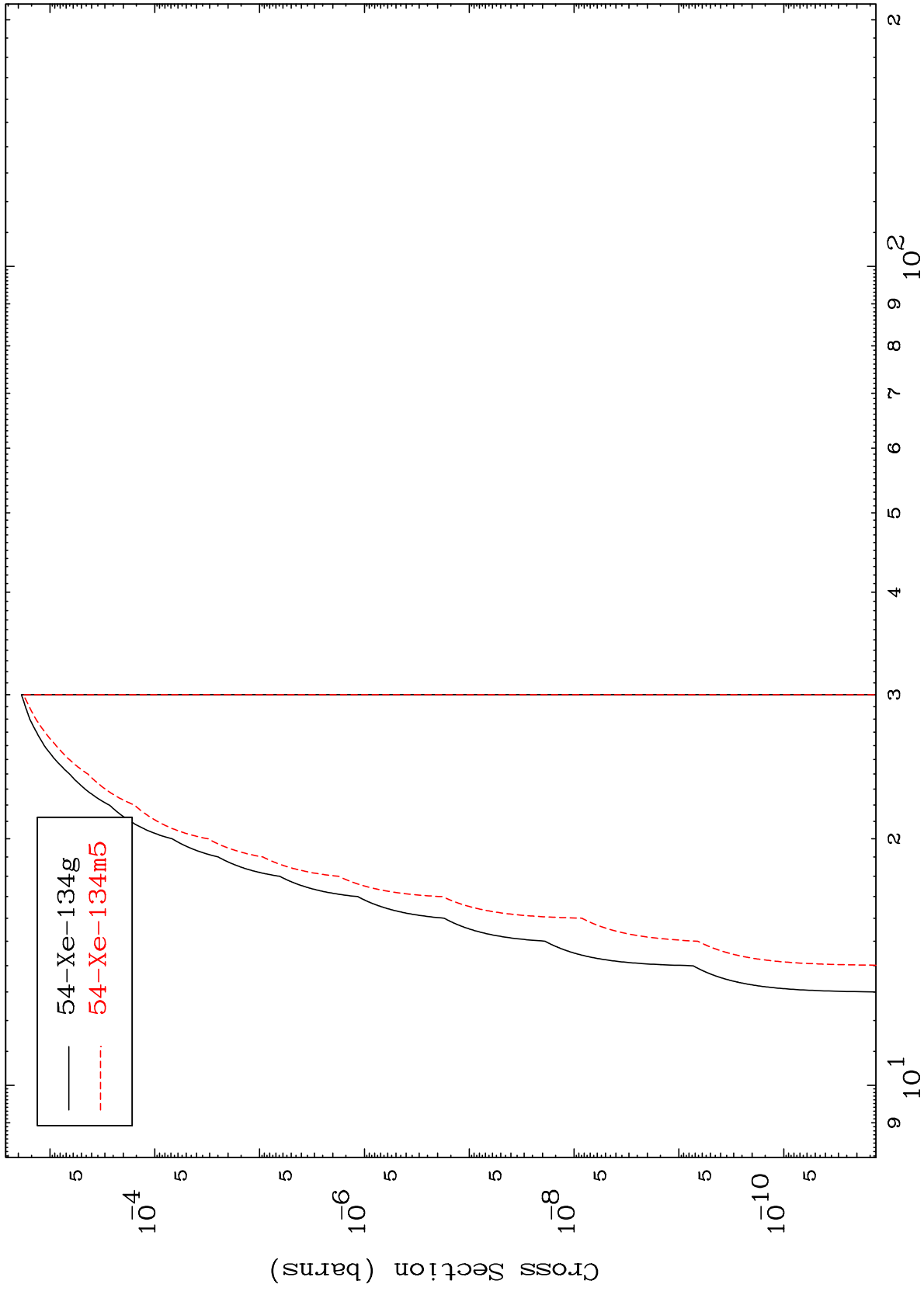
53-I -132

MAT 5340

(α, d)

53-I -132

Radionuclide Production Cross Section



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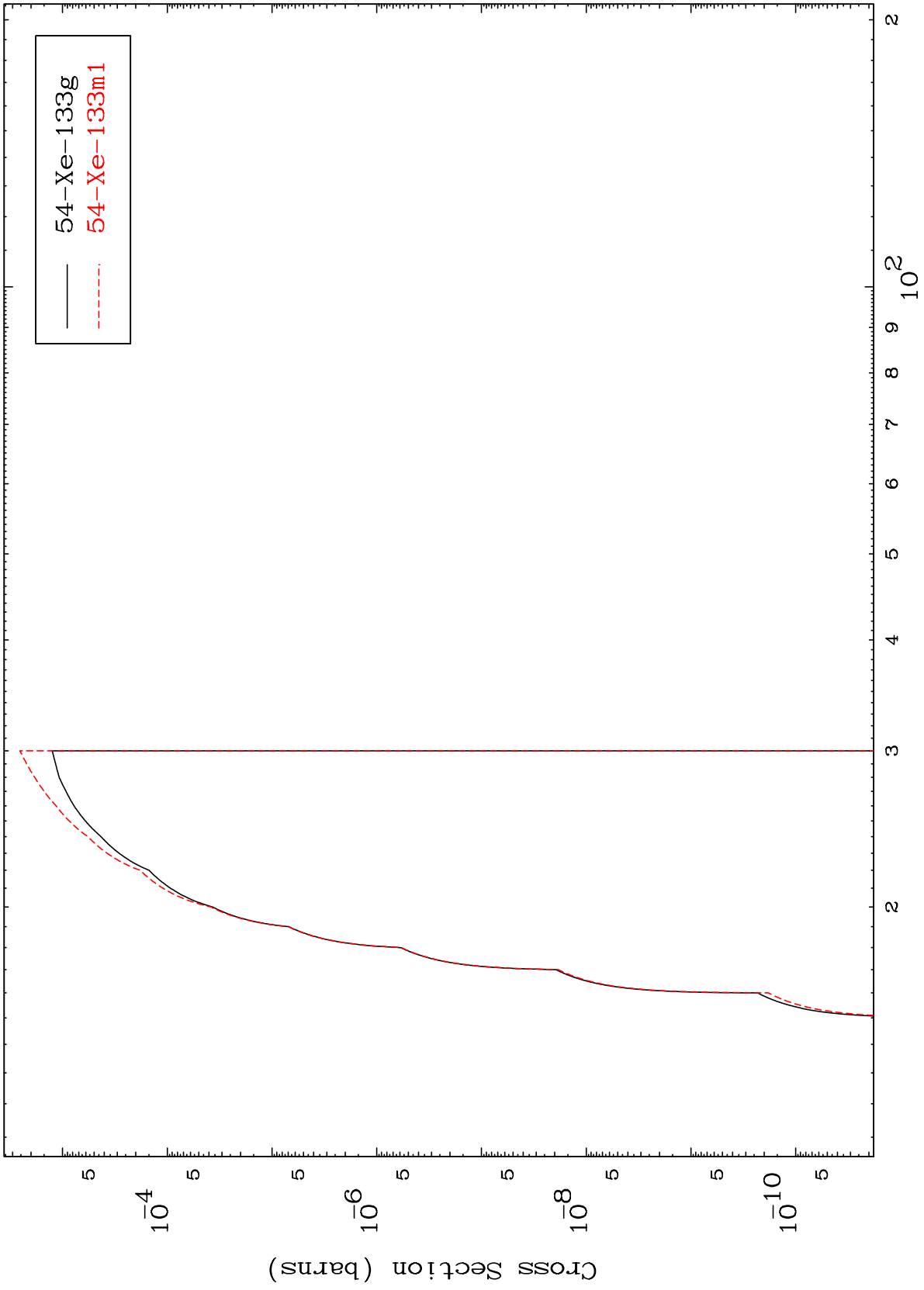
Incident Energy (MeV)

53-I -132

MAT 5340

53-I -132

(α, t)
Radionuclide Production Cross Section



20

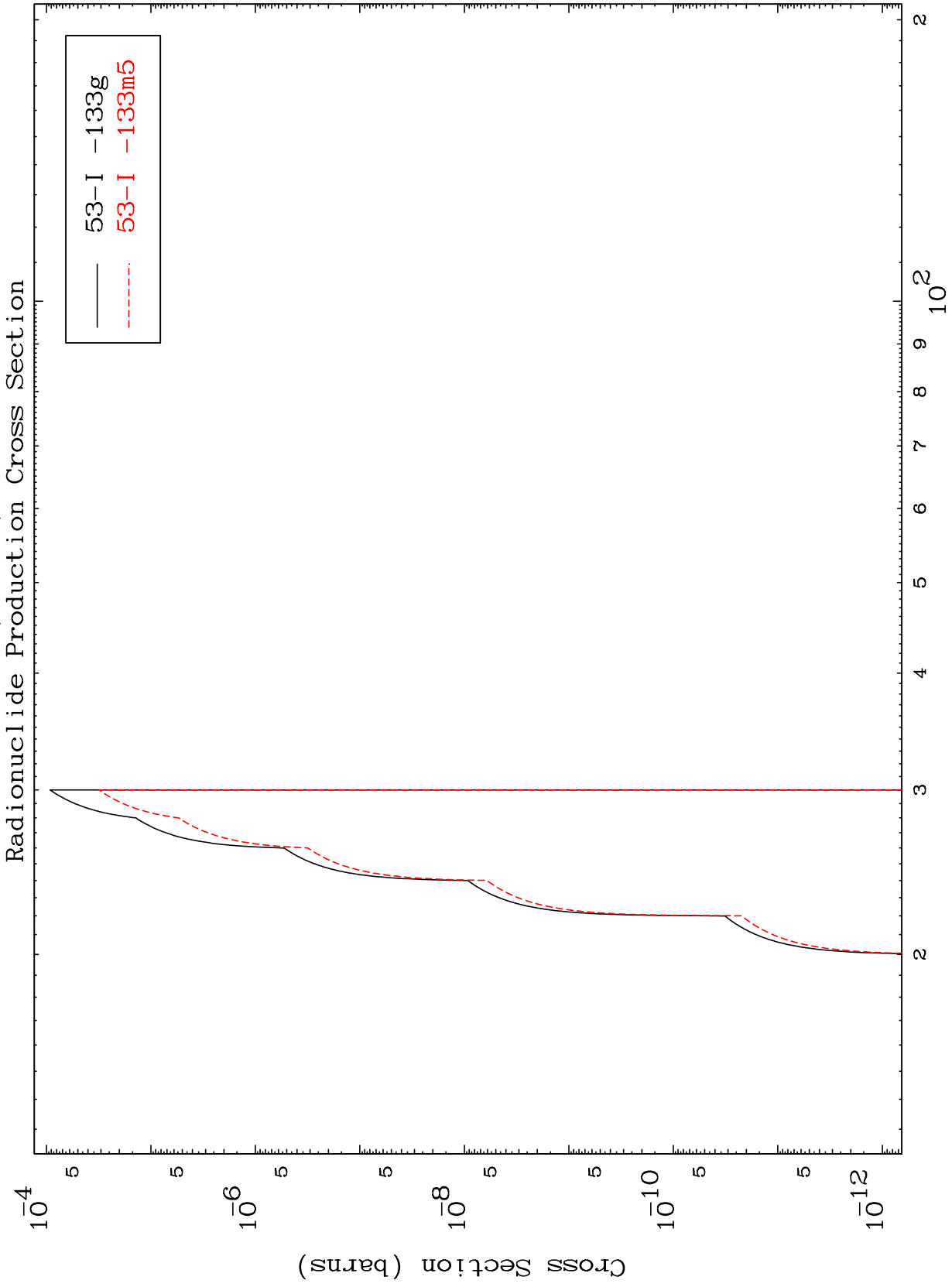
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



21

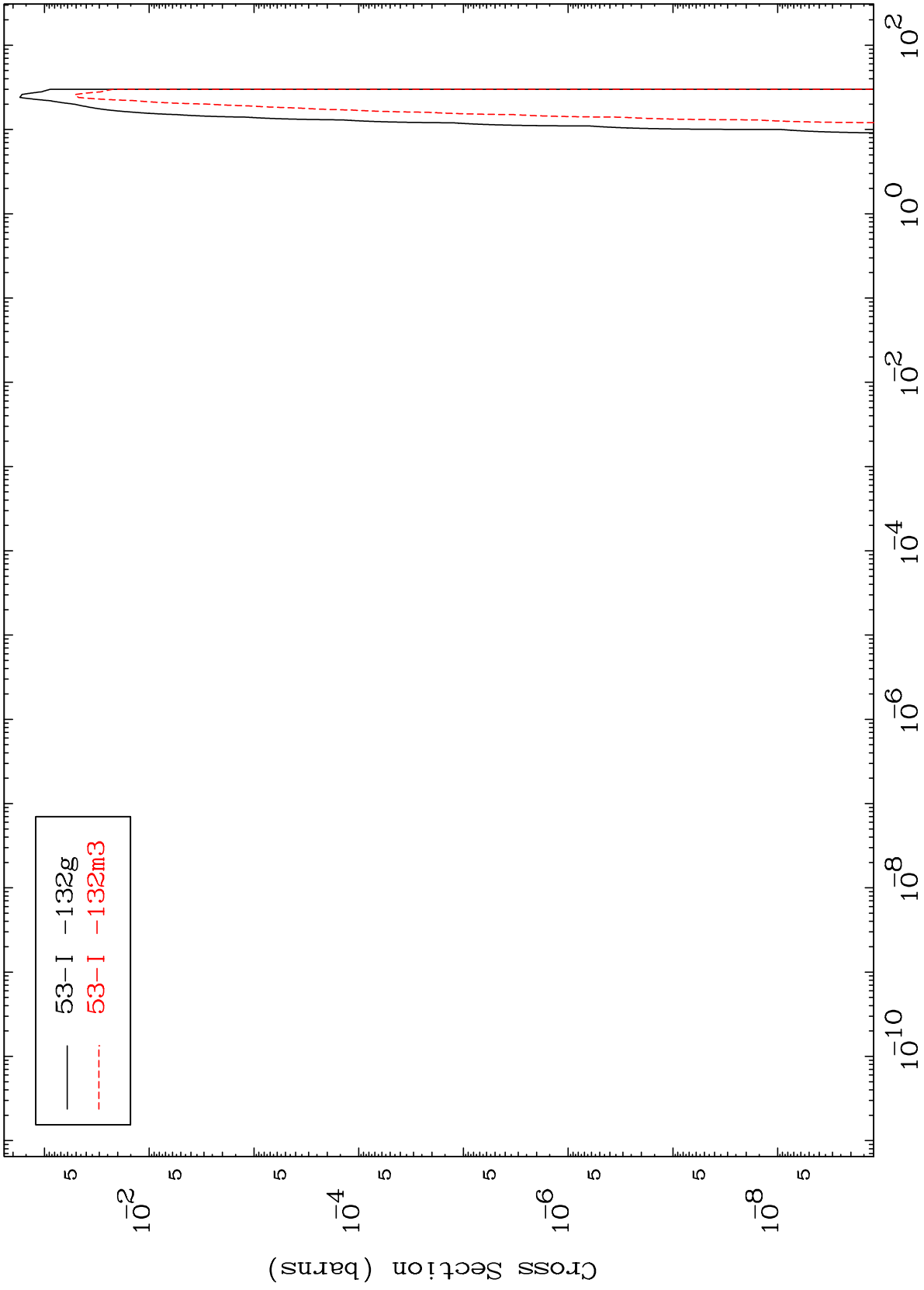
53-I -132

MAT 5340

(α, α)

53-I -132

Radionuclide Production Cross Section



22

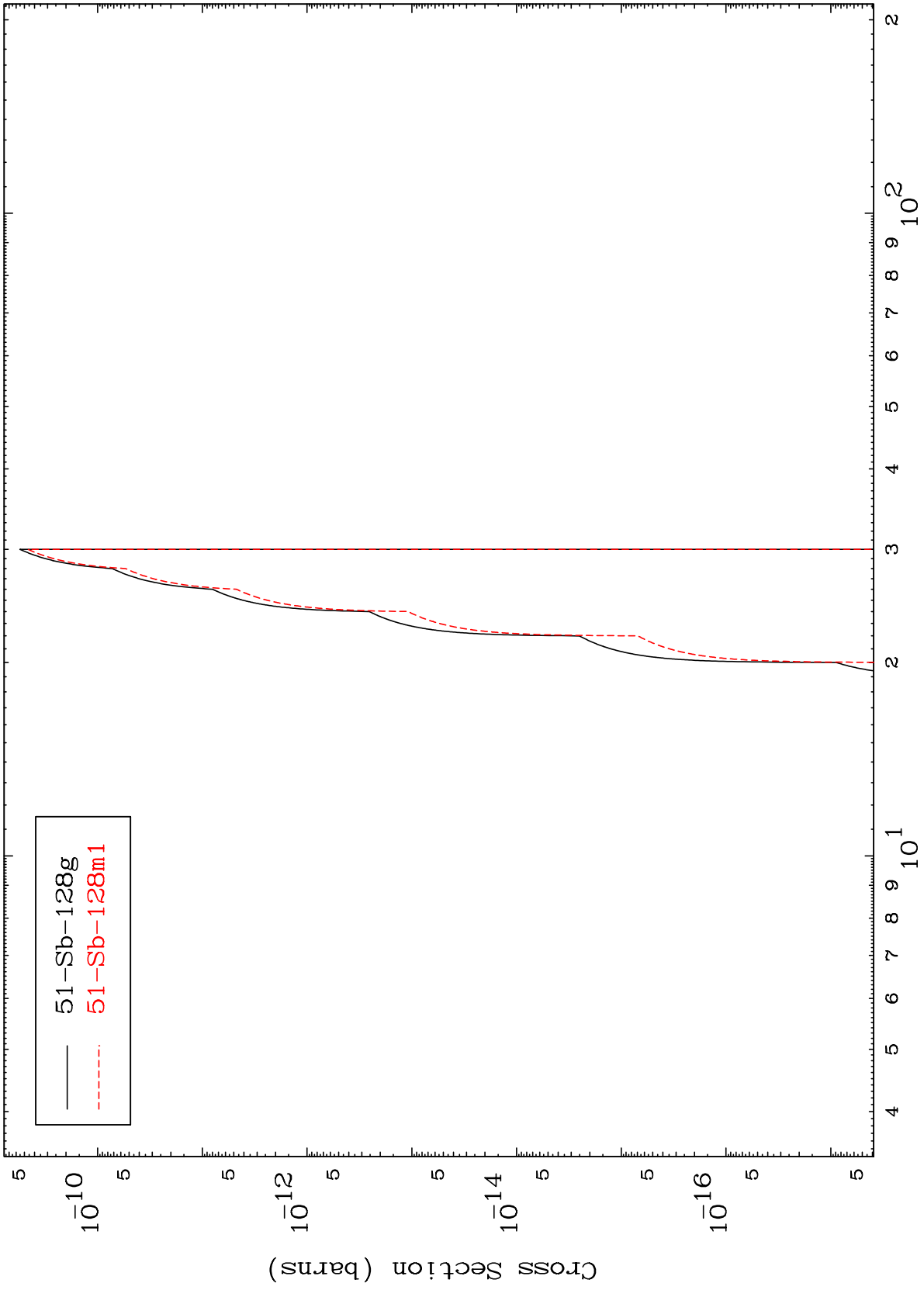
Incident Energy (MeV)

53-I -132

MAT 5340

53-I -132

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



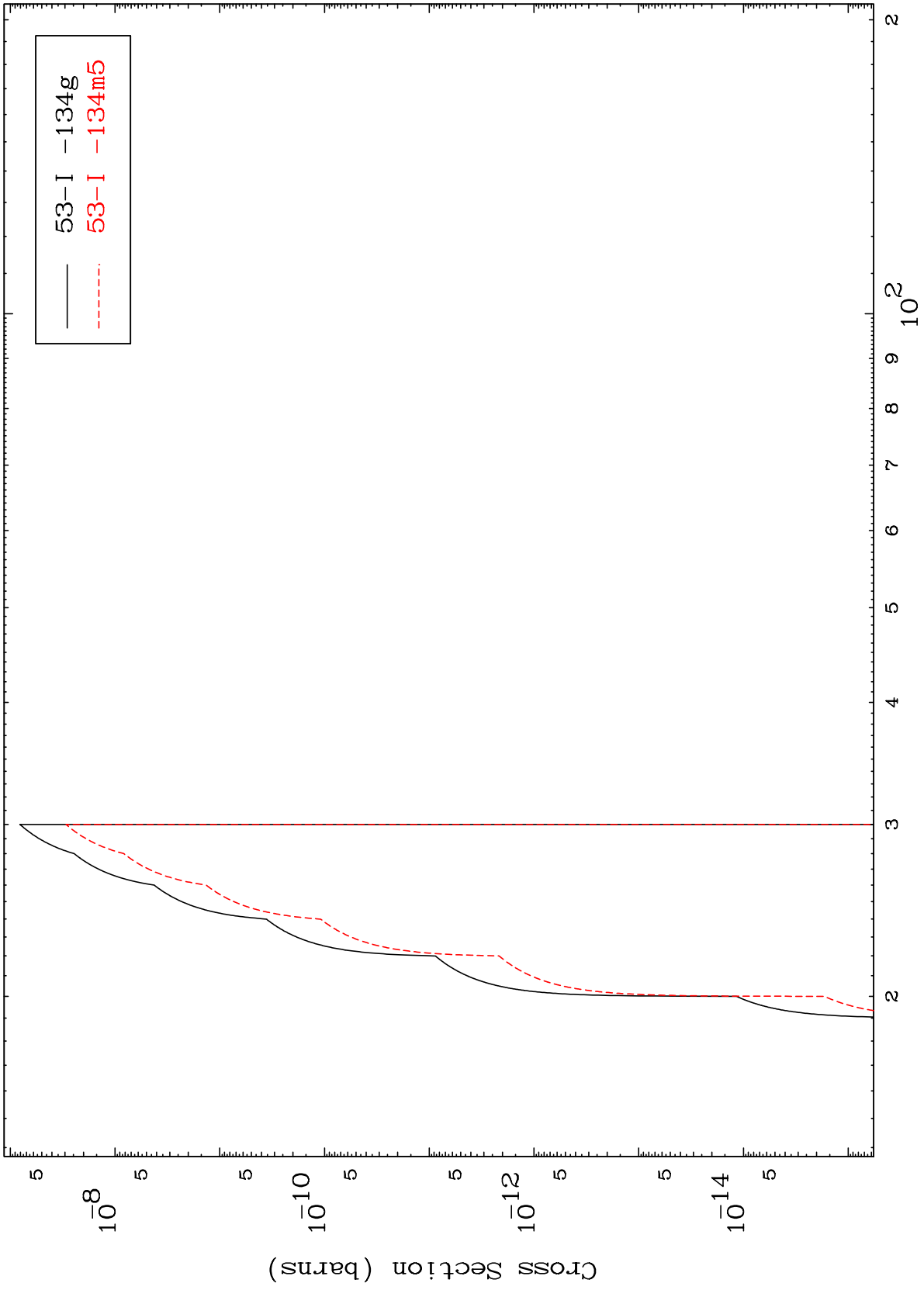
23

53-I -132

MAT 5340

53-I -132

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



24

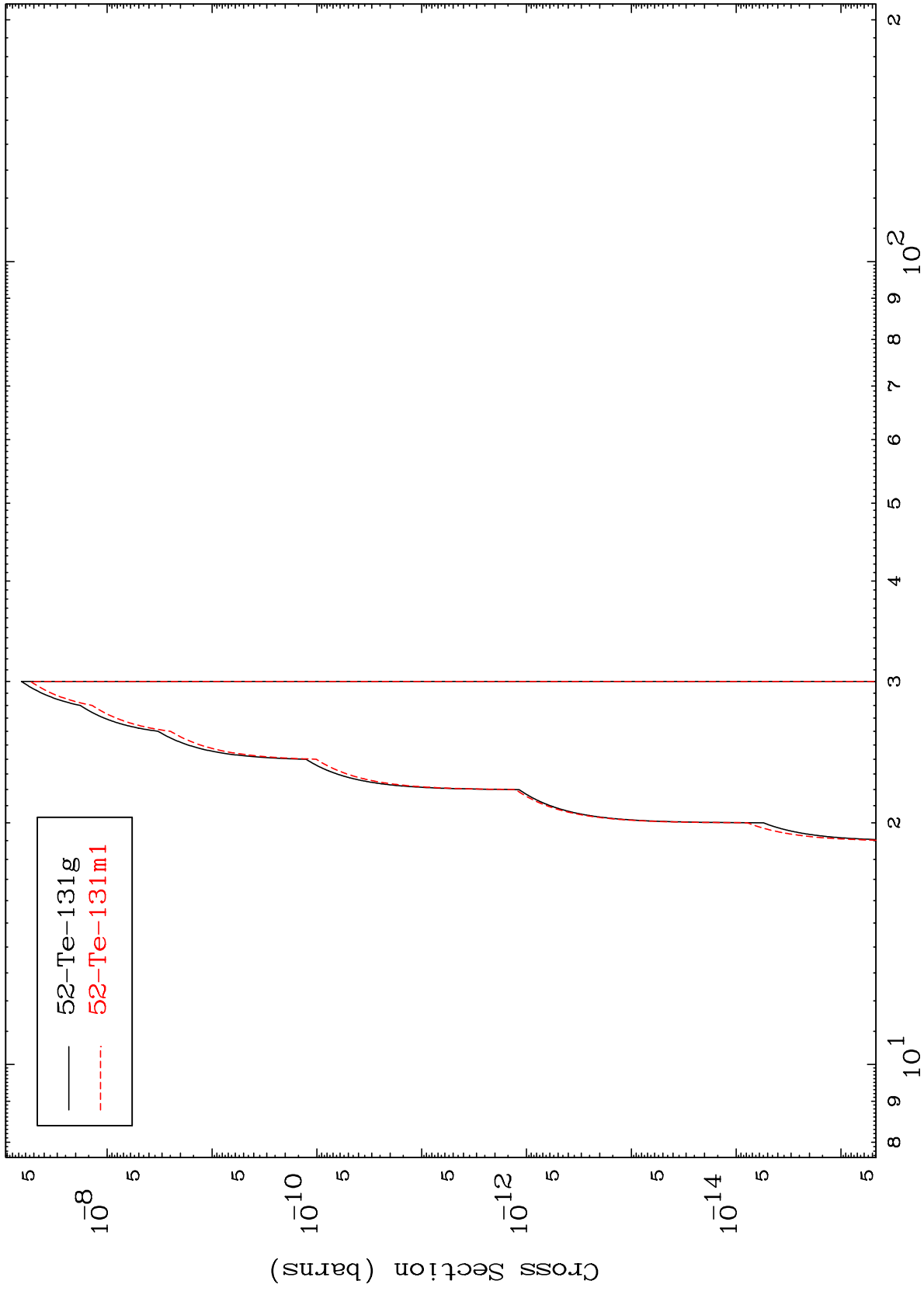
53-I -132

MAT 5340

(α, p) α

53-I -132

Radionuclide Production Cross Section



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Incident Energy (MeV)

53-I -132