

Program EVALPLOT
(Version 2018-1)

by

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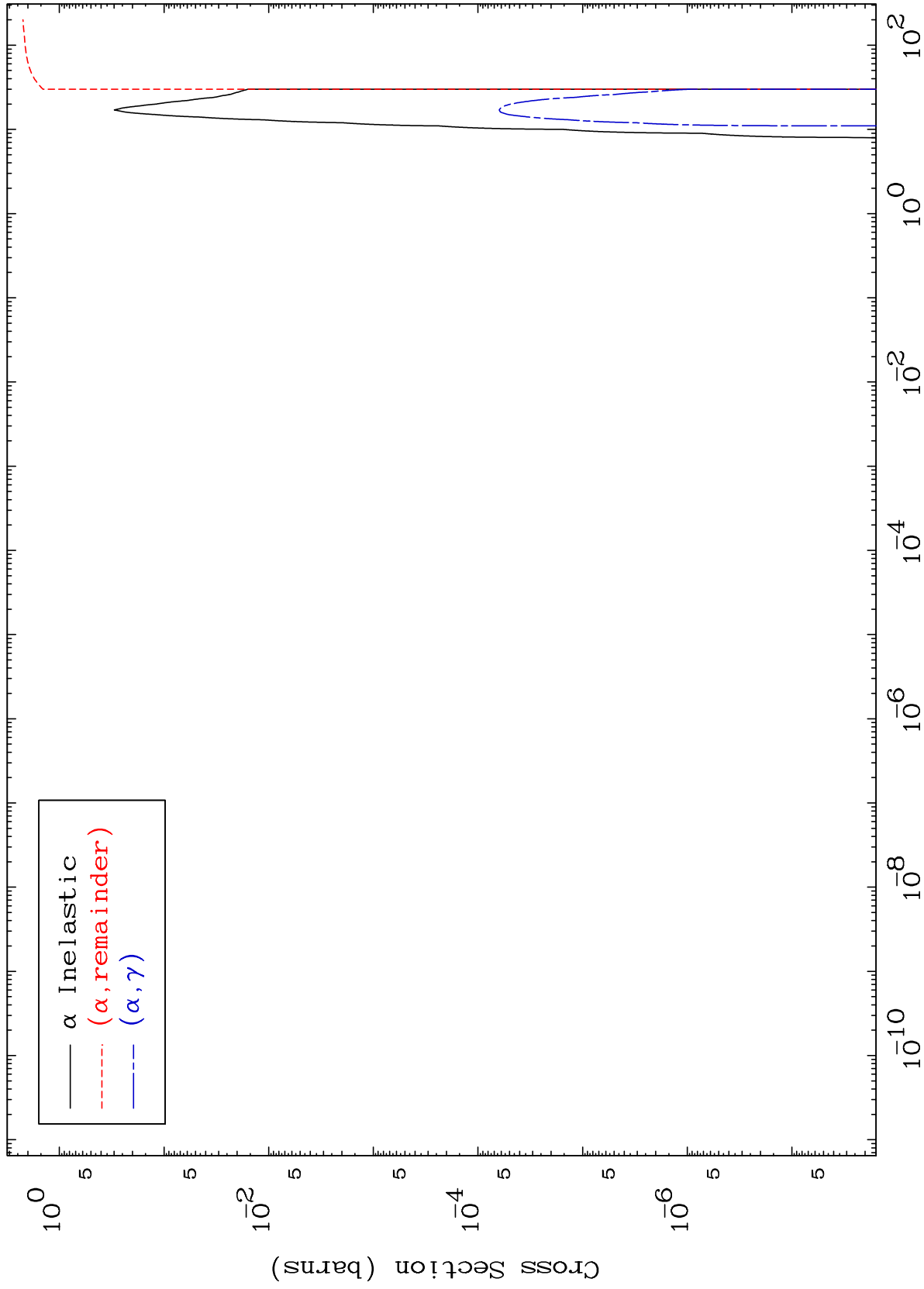
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5234

0 Kelvin α Major

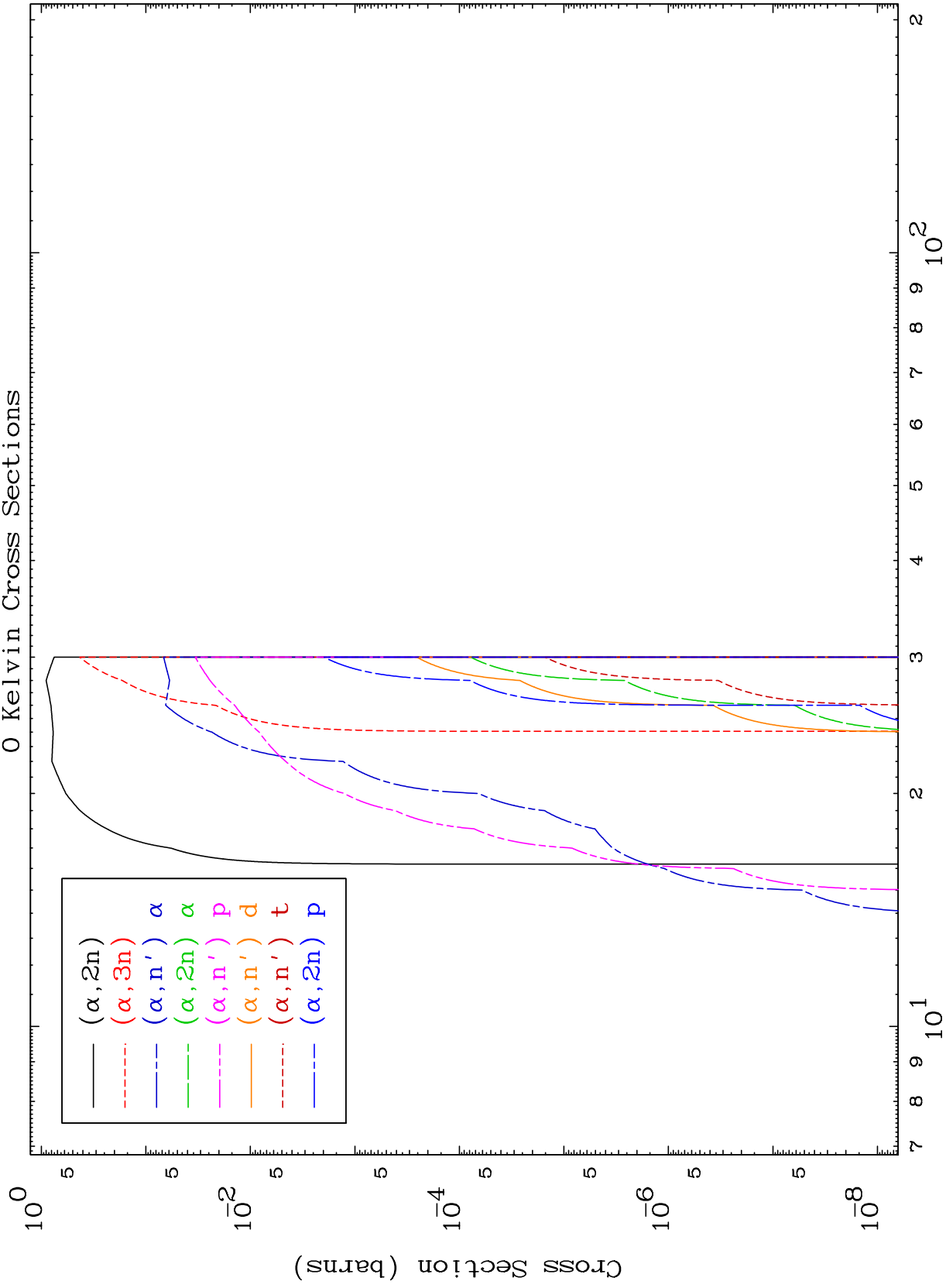
52-Te-123



MAT 5234

α Neutron Production
0 Kelvin Cross Sections

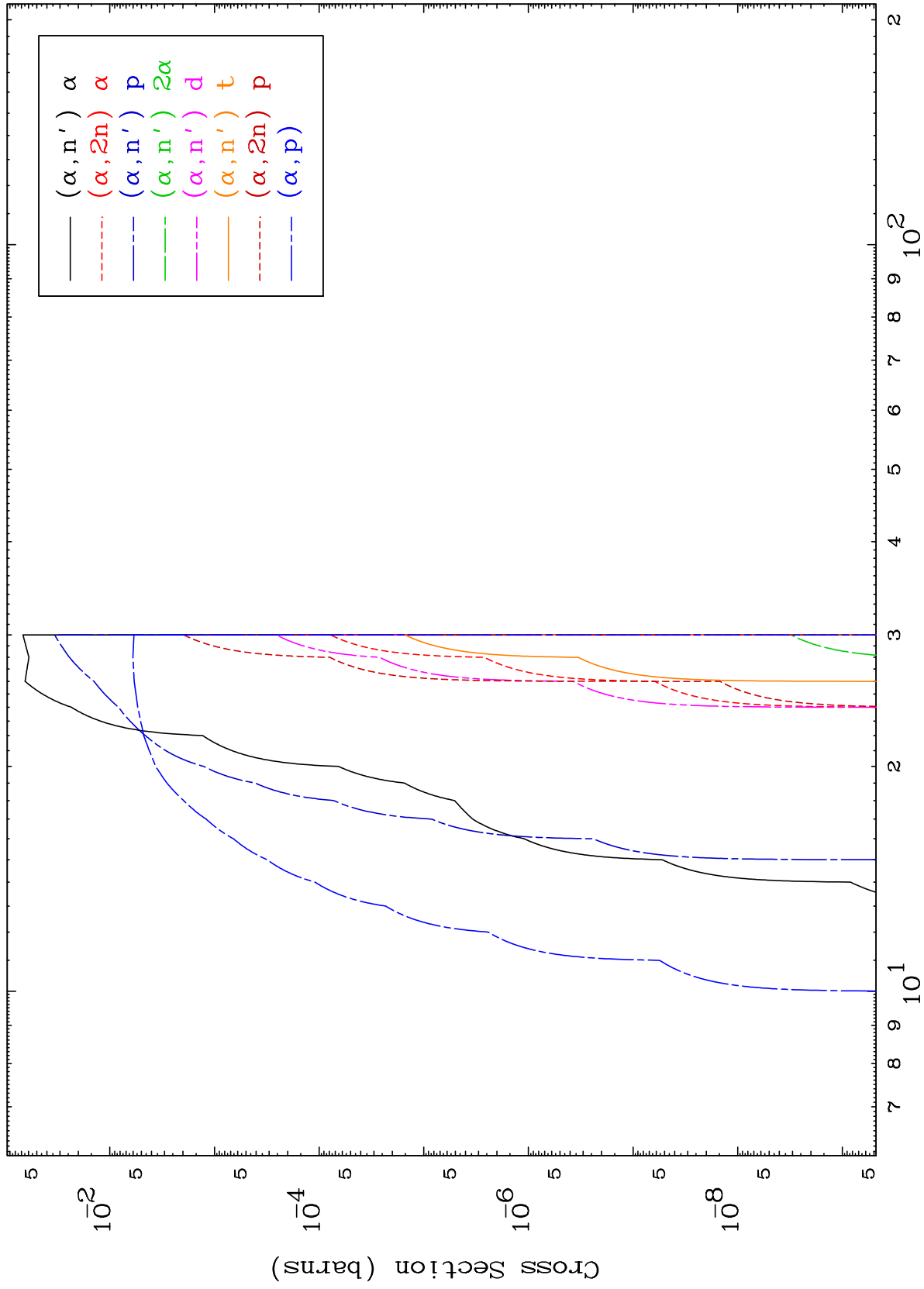
52-Te-123



2

Incident Energy (MeV)

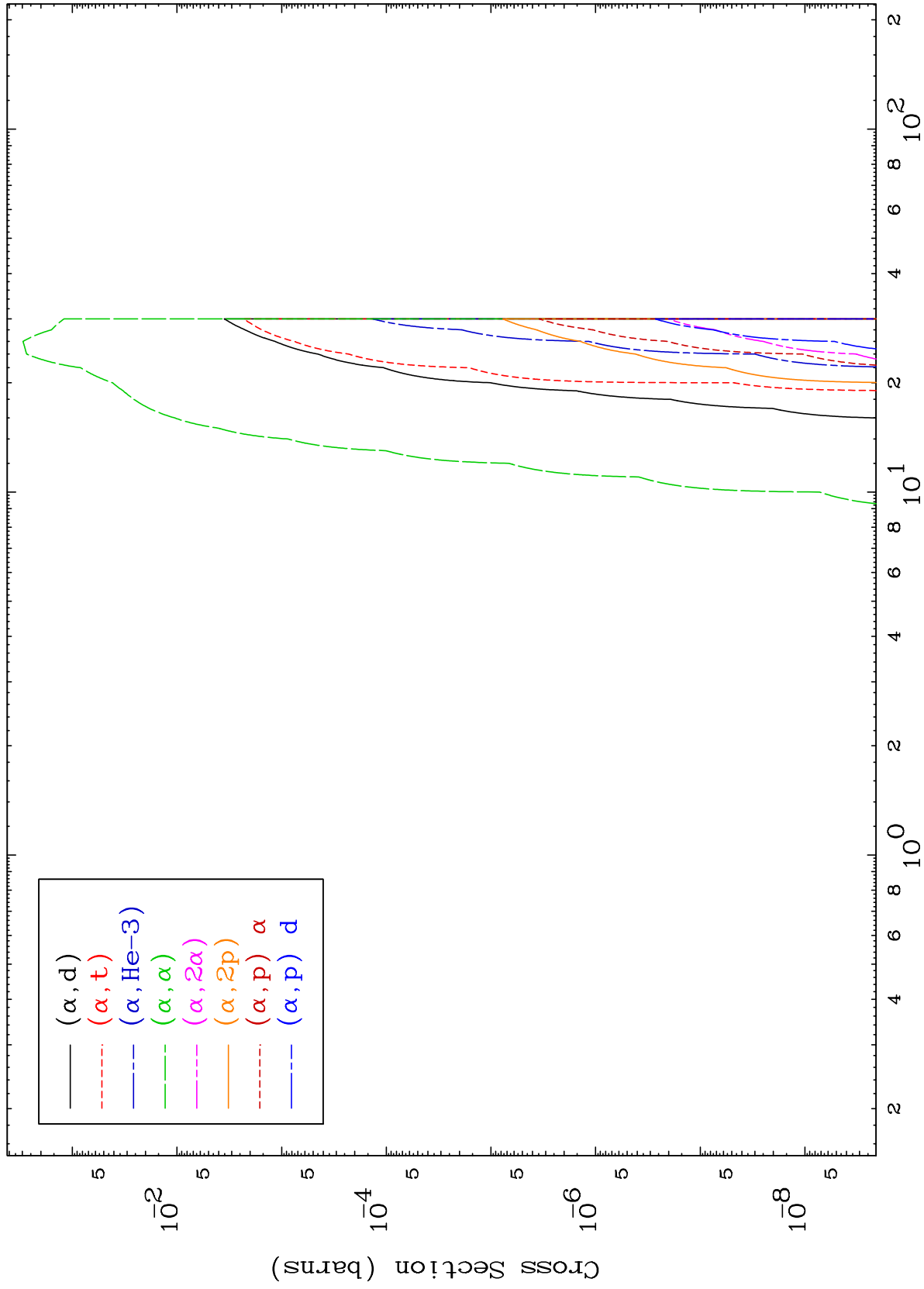
52-Te-123



MAT 5234

α Charged Particle
0 Kelvin Cross Sections

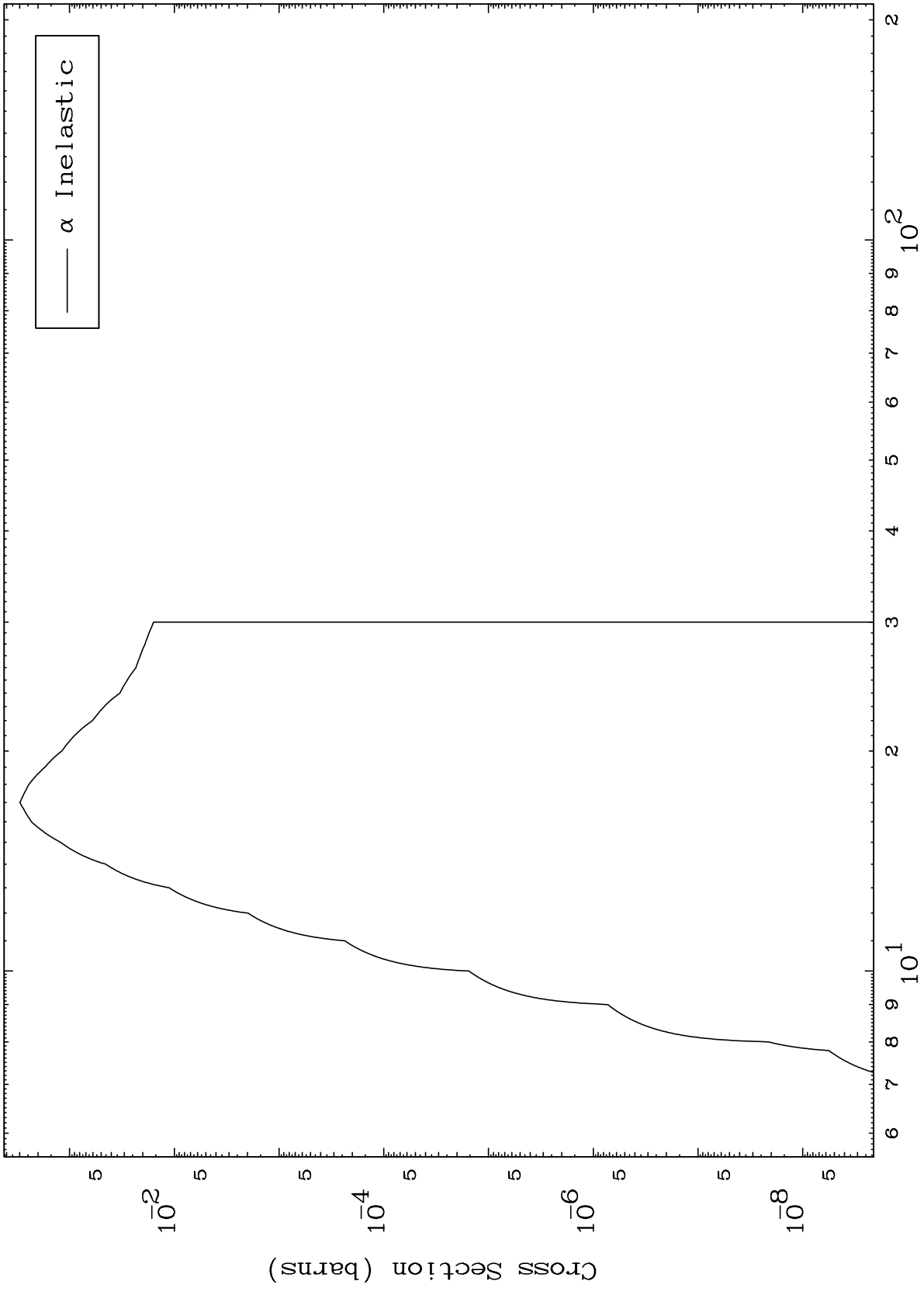
52-Te-123



MAT 5234

(α, n') Level
0 Kelvin Cross Sections

52-Te-123



5

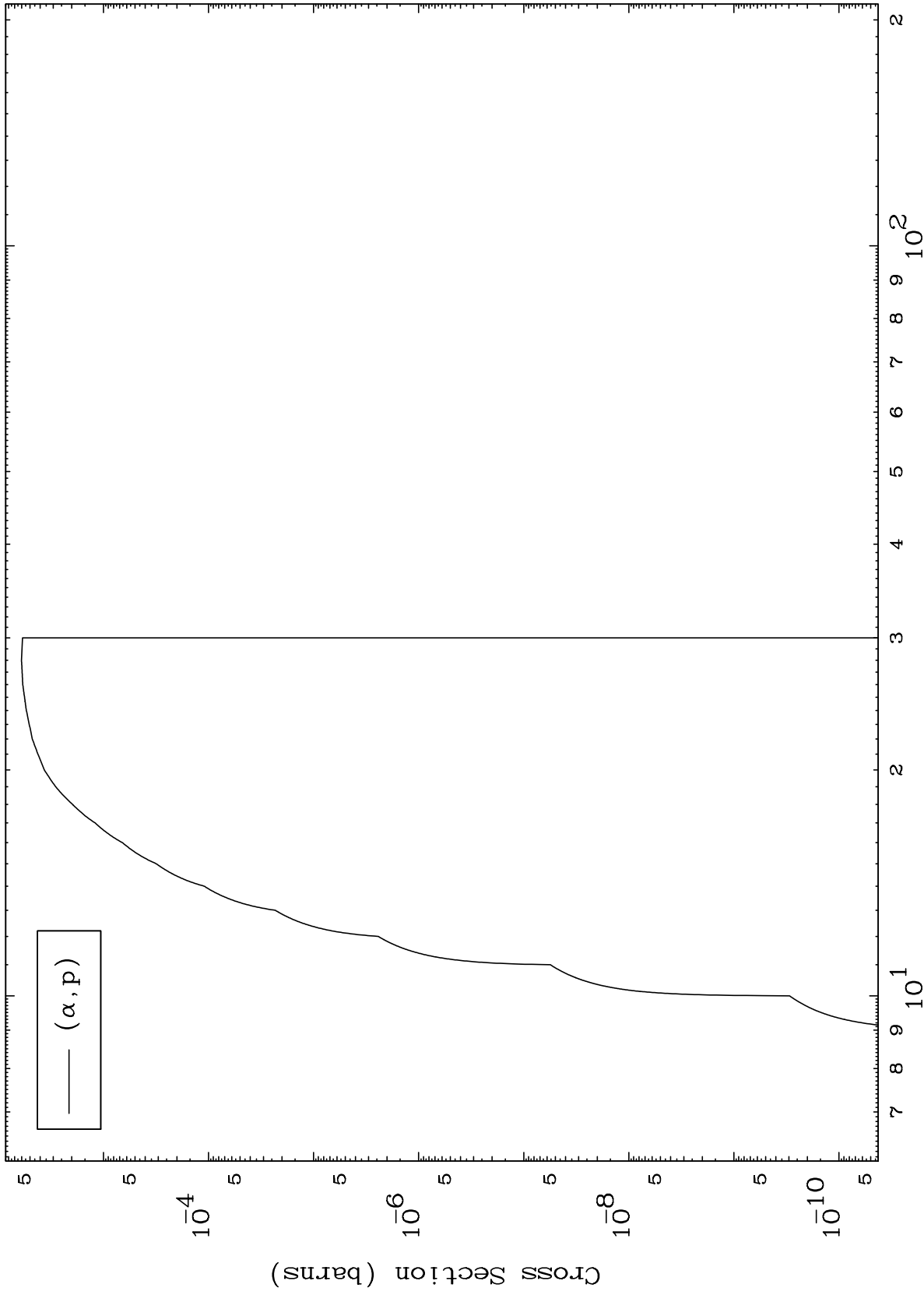
Incident Energy (MeV)

52-Te-123

MAT 5234

(α, p) Levels
0 Kelvin Cross Sections

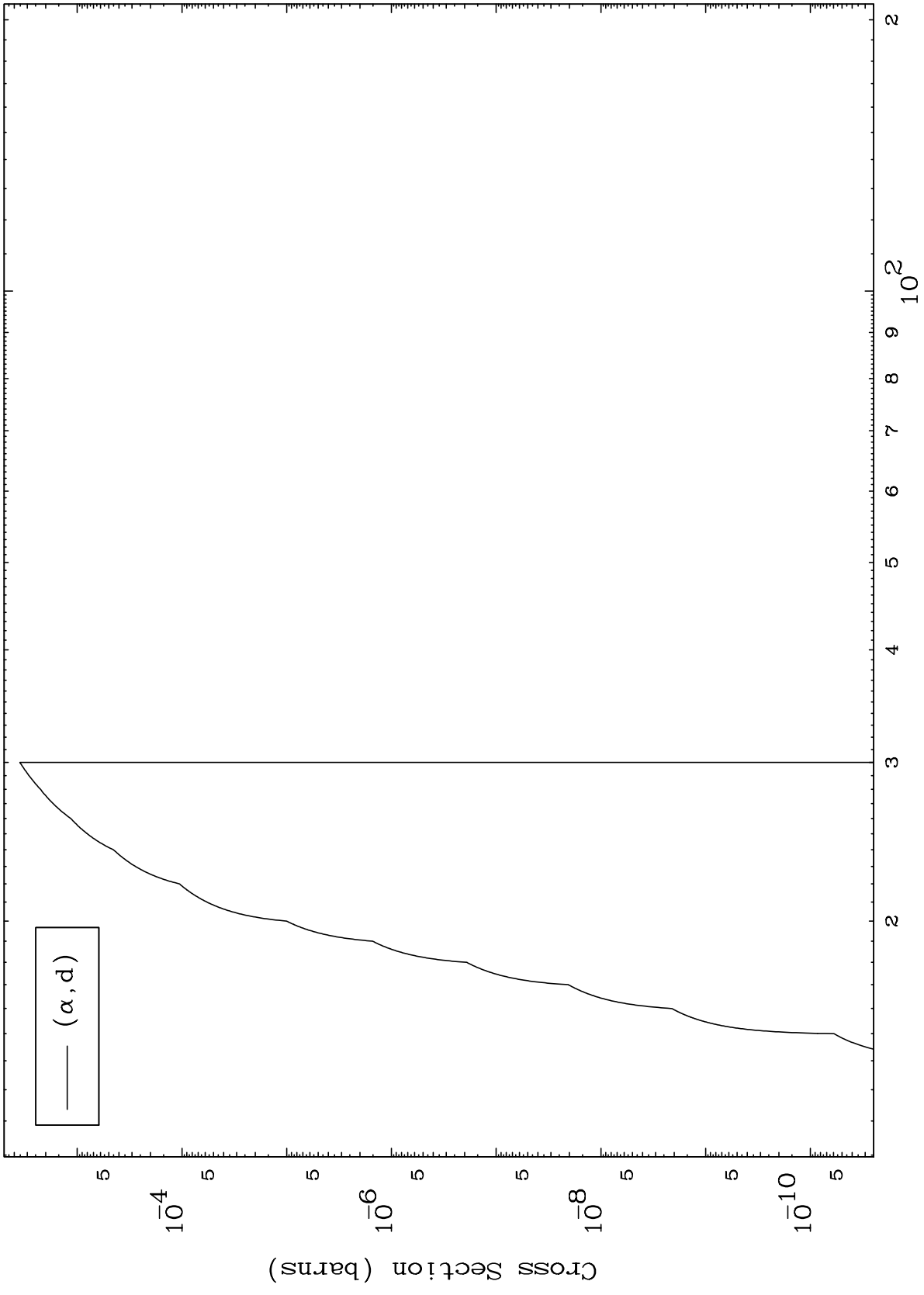
52-Te-123

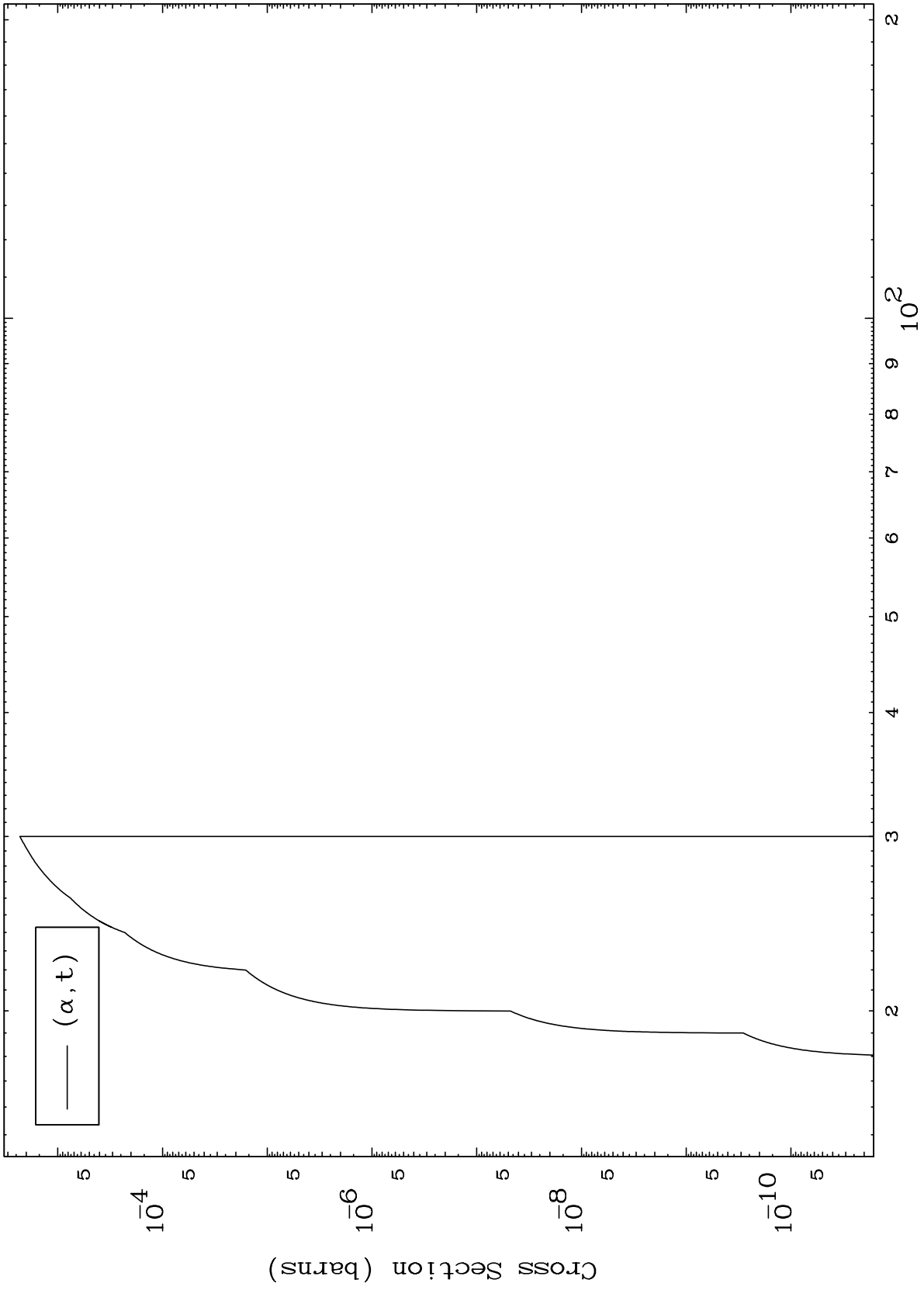


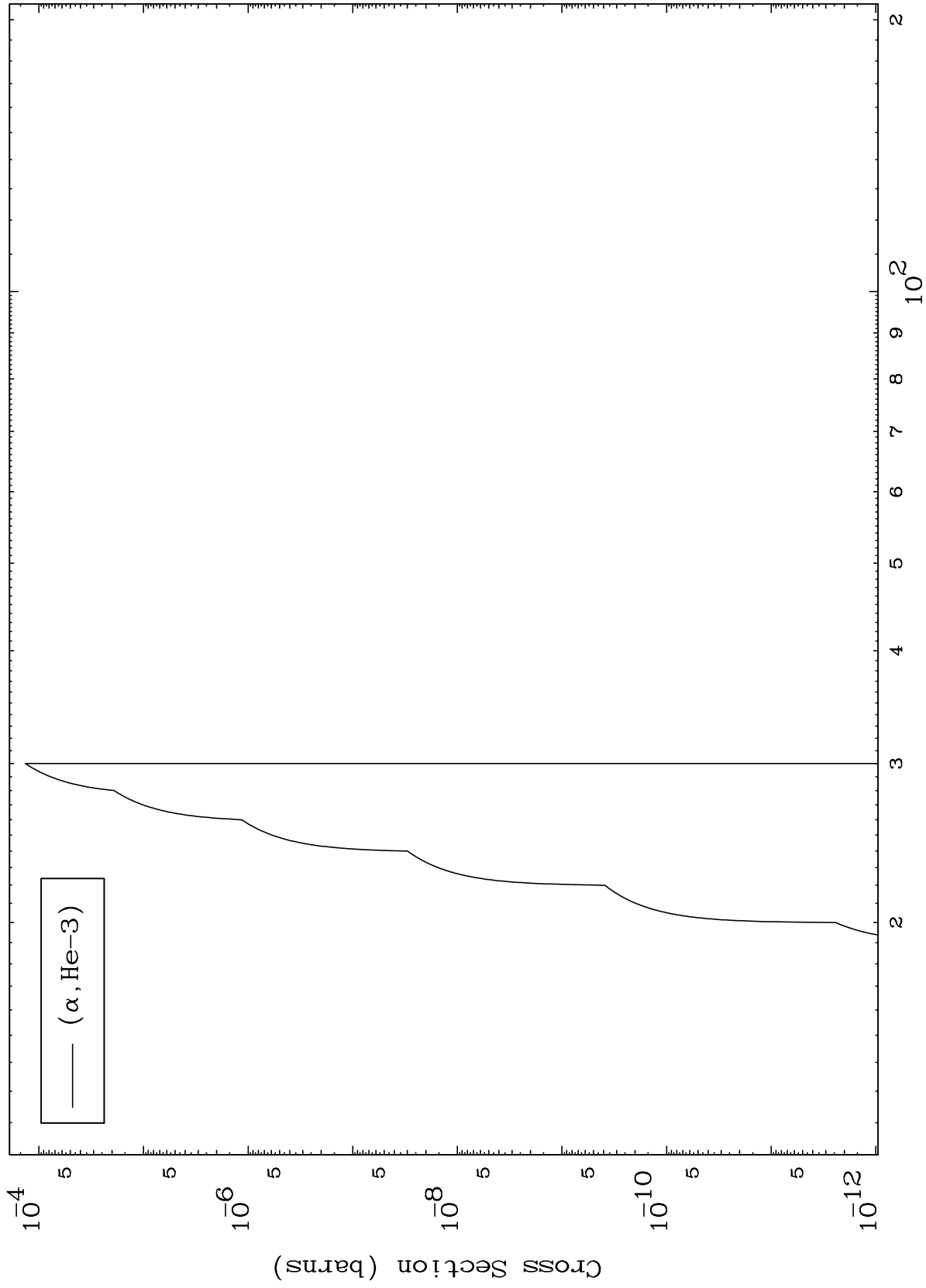
6

Incident Energy (MeV)

52-Te-123



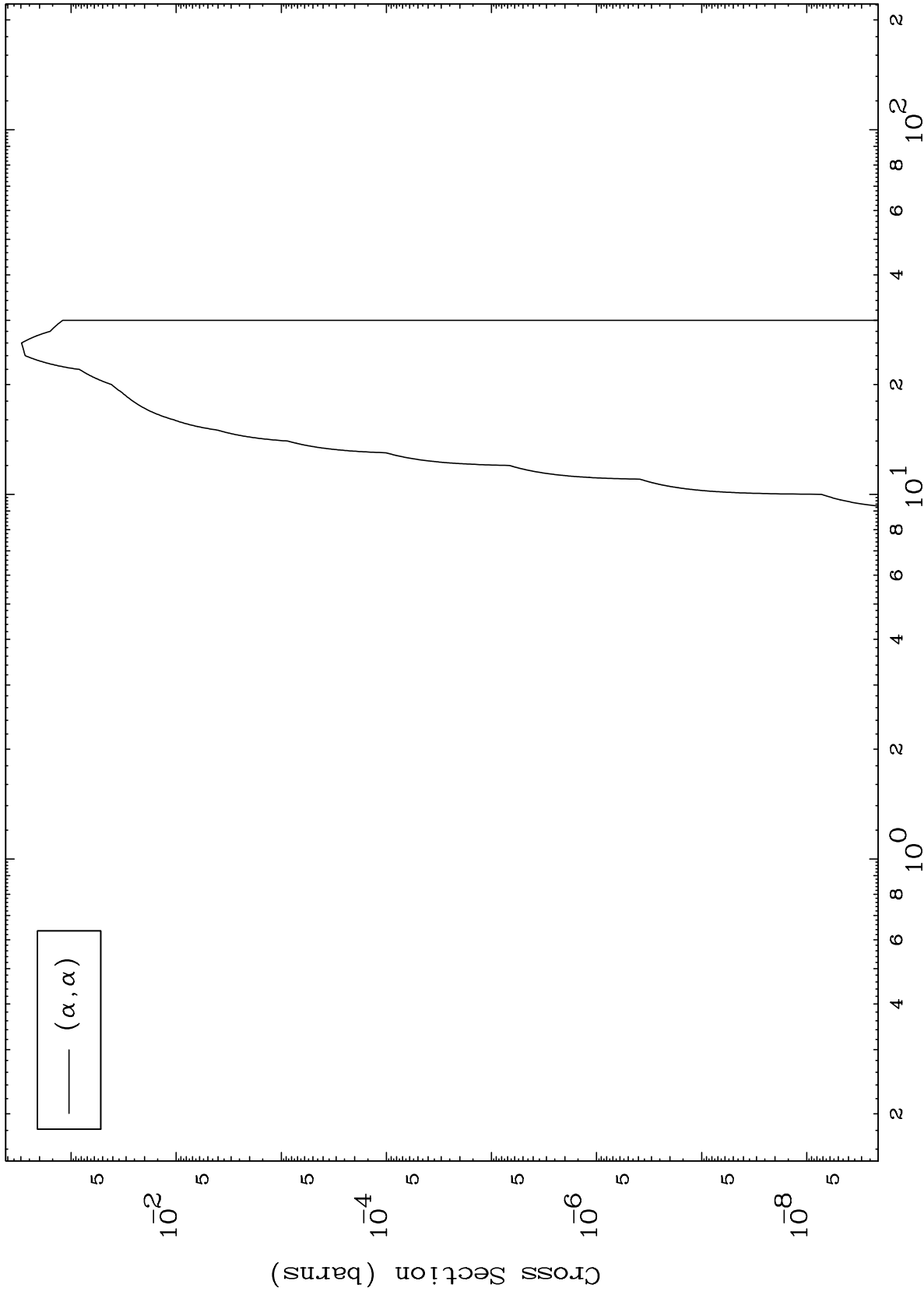




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(α, α) Levels
0 Kelvin Cross Sections

52-Te-123



10

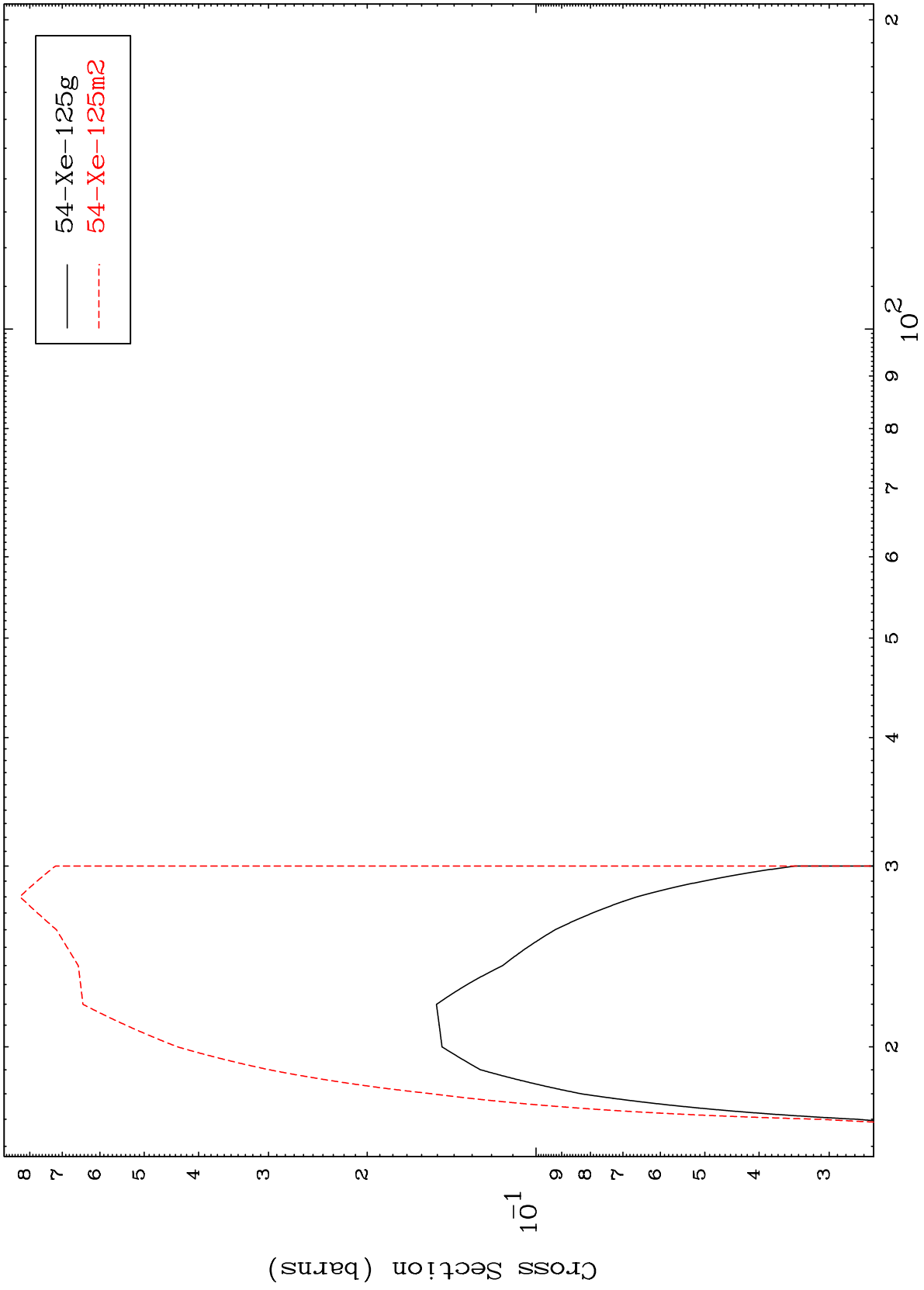
Incident Energy (MeV)

52-Te-123

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52-Te-123

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



11

Incident Energy (MeV)

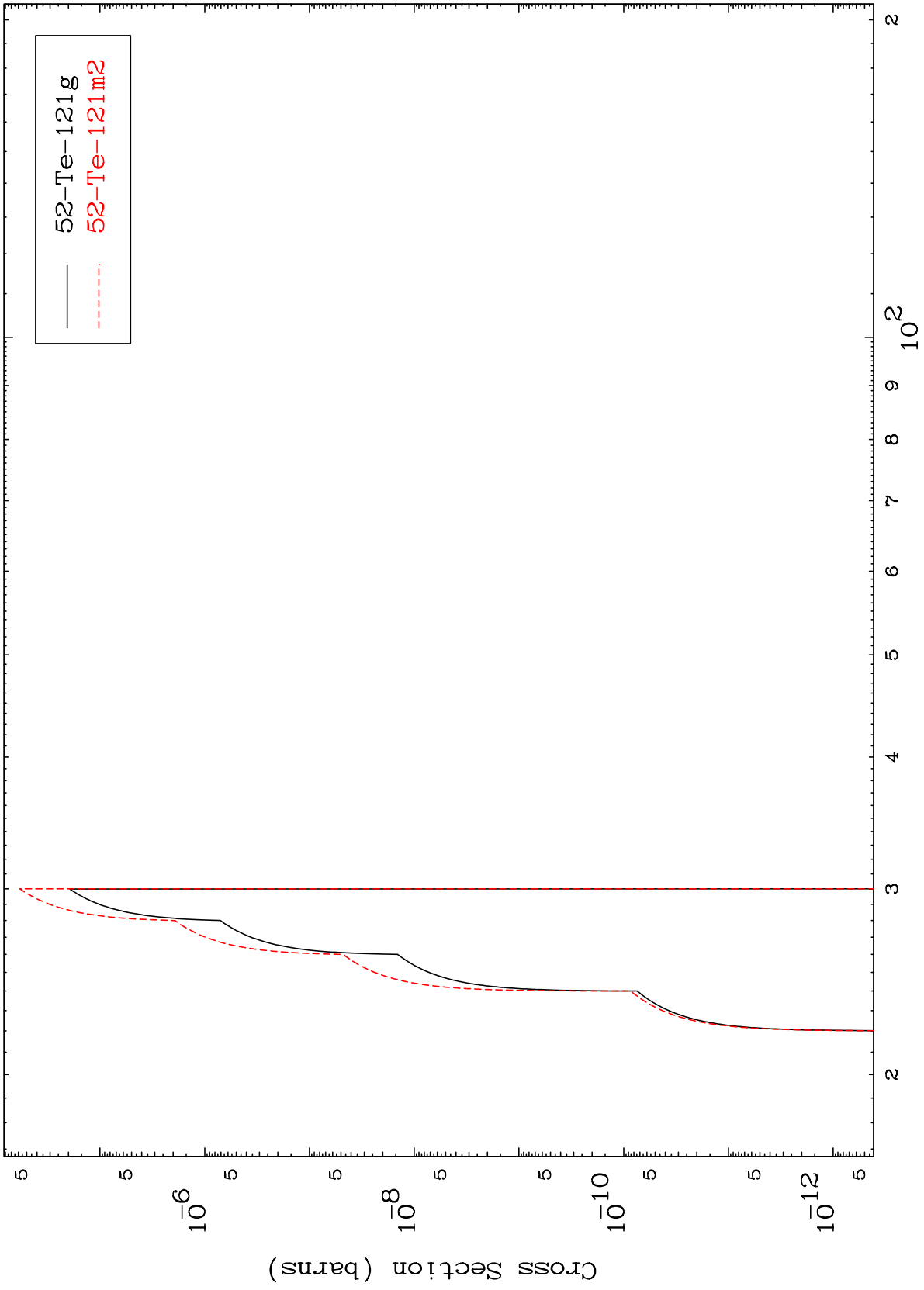
52-Te-123

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$(\alpha, 2n) \alpha$

$^{52}\text{Te-123}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

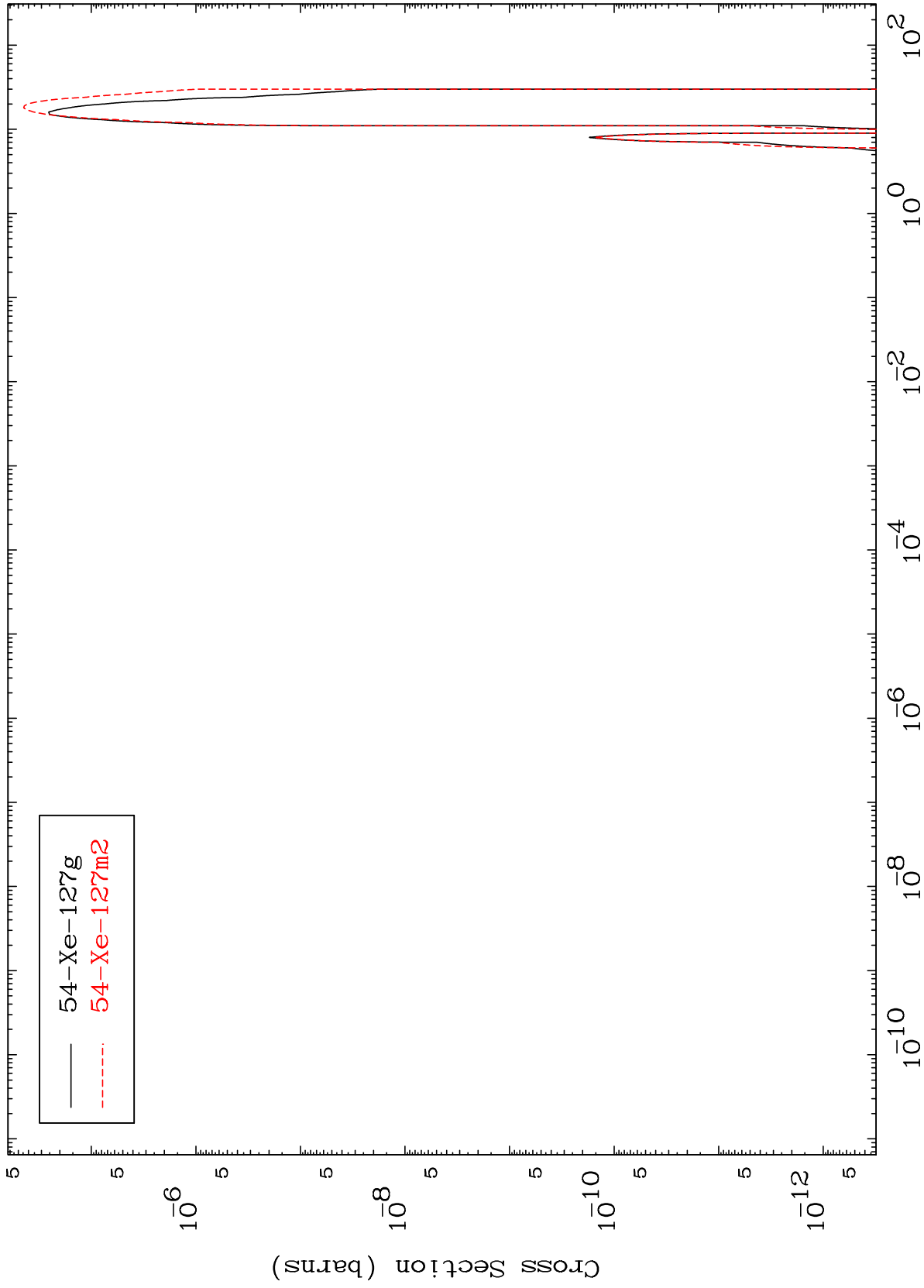
$^{52}\text{Te-123}$

MAT 5234

(α, γ)

52-Te-123

Radionuclide Production Cross Section



13

Incident Energy (MeV)

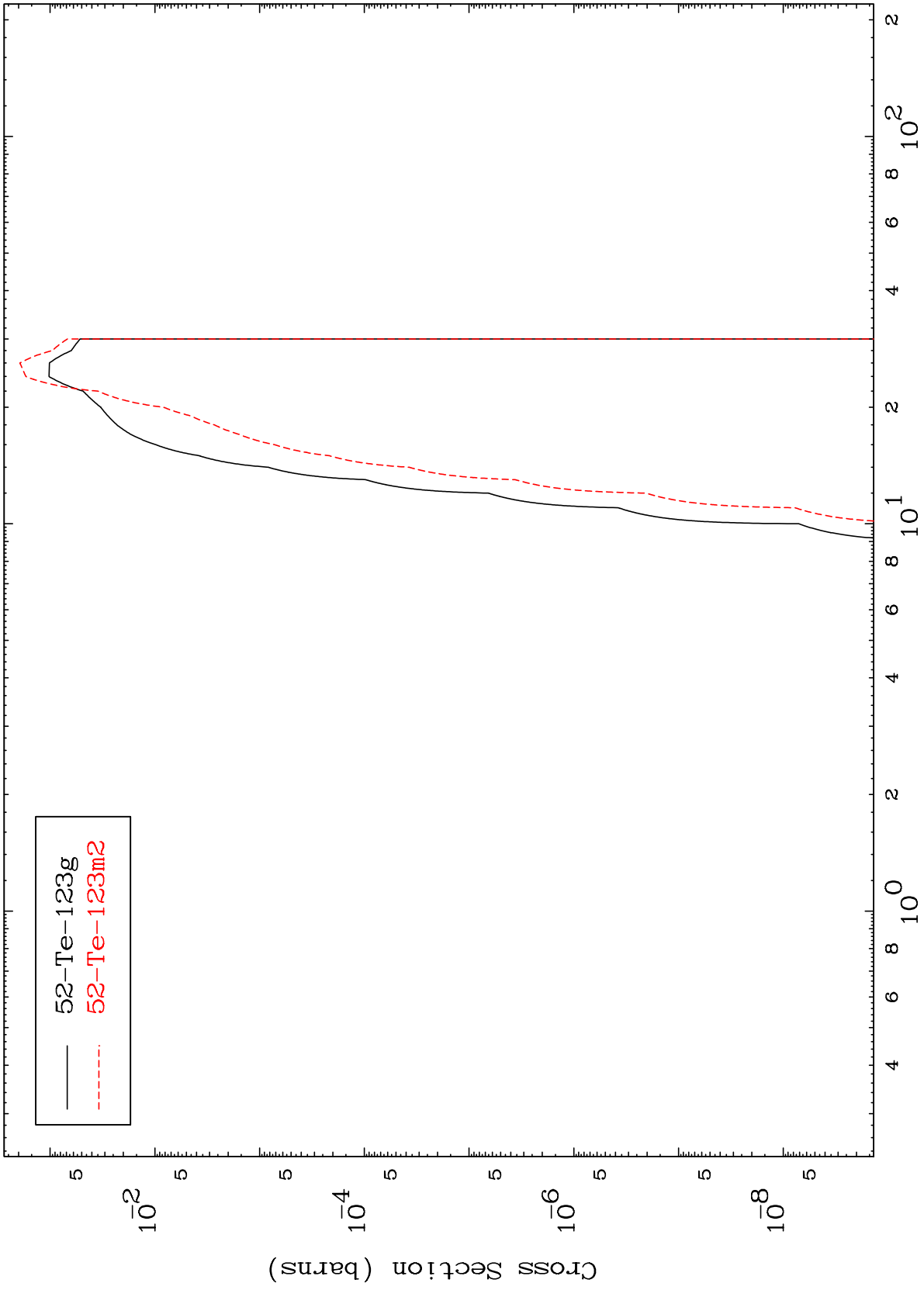
52-Te-123

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(α, α)

52-Te-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

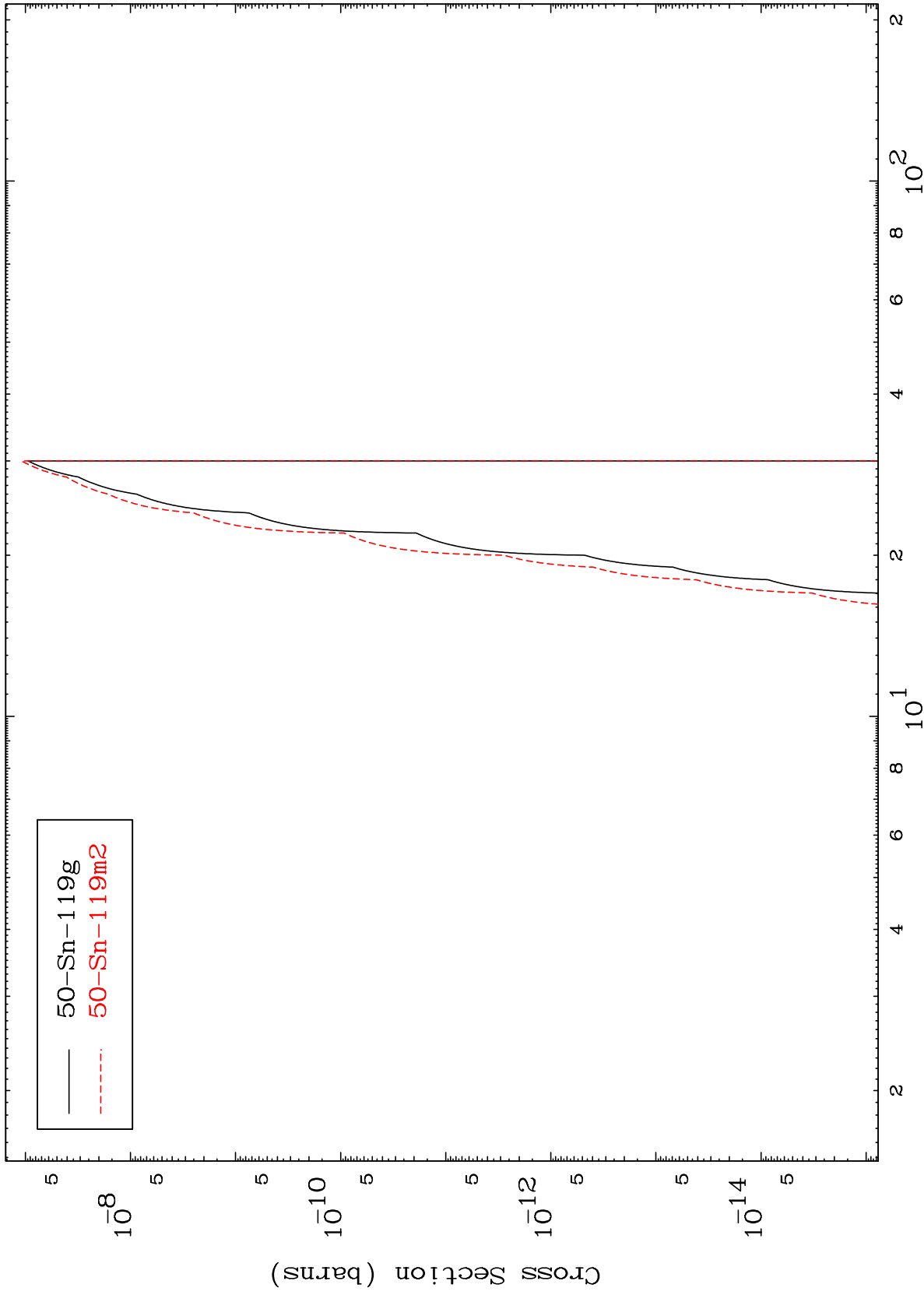
52-Te-123

MAT 5234

($\alpha, 2\alpha$)

52-Te-123

Radionuclide Production Cross Section



15

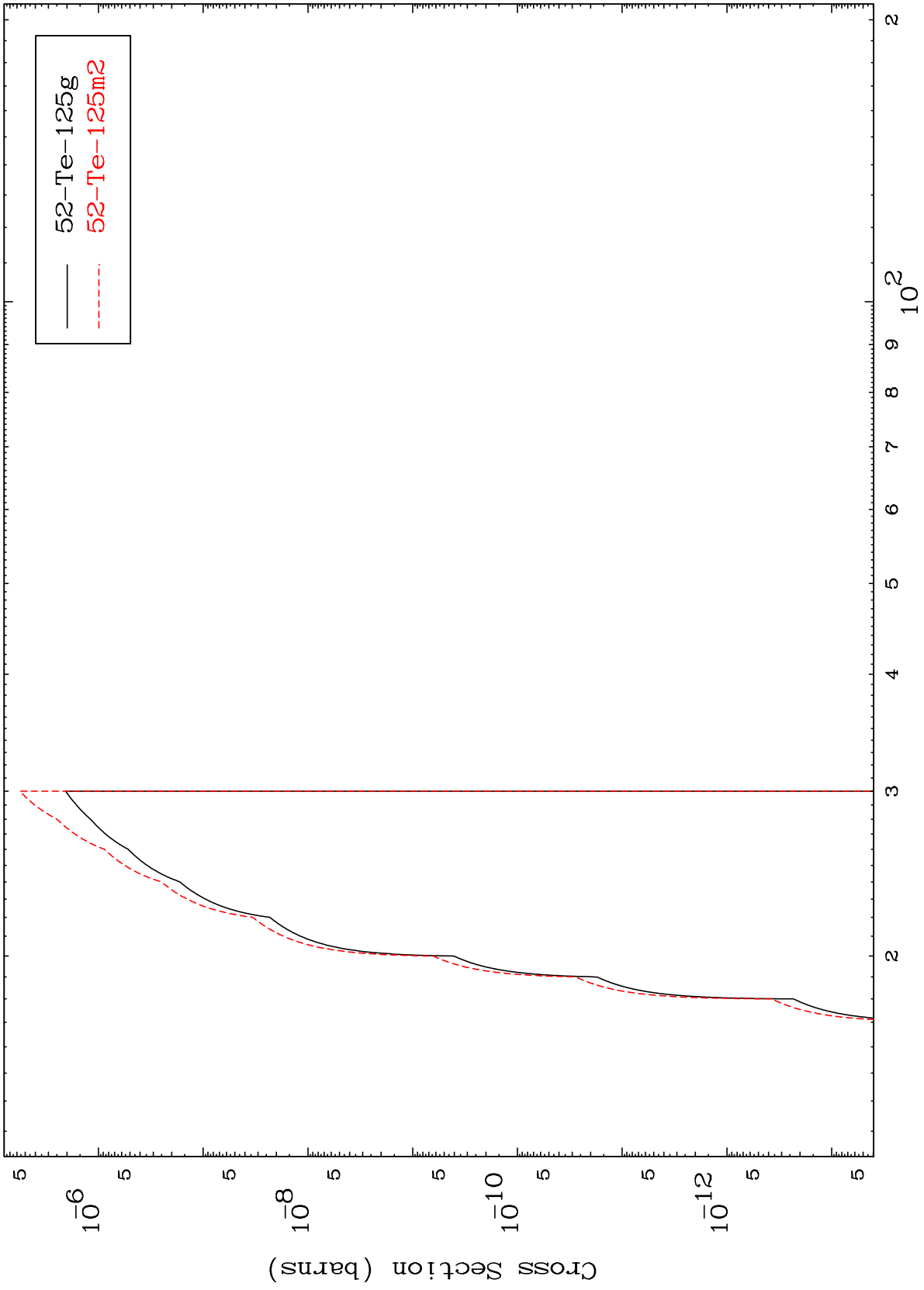
Incident Energy (MeV)

52-Te-123

MAT 5234

52-Te-123

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



16

Incident Energy (MeV)

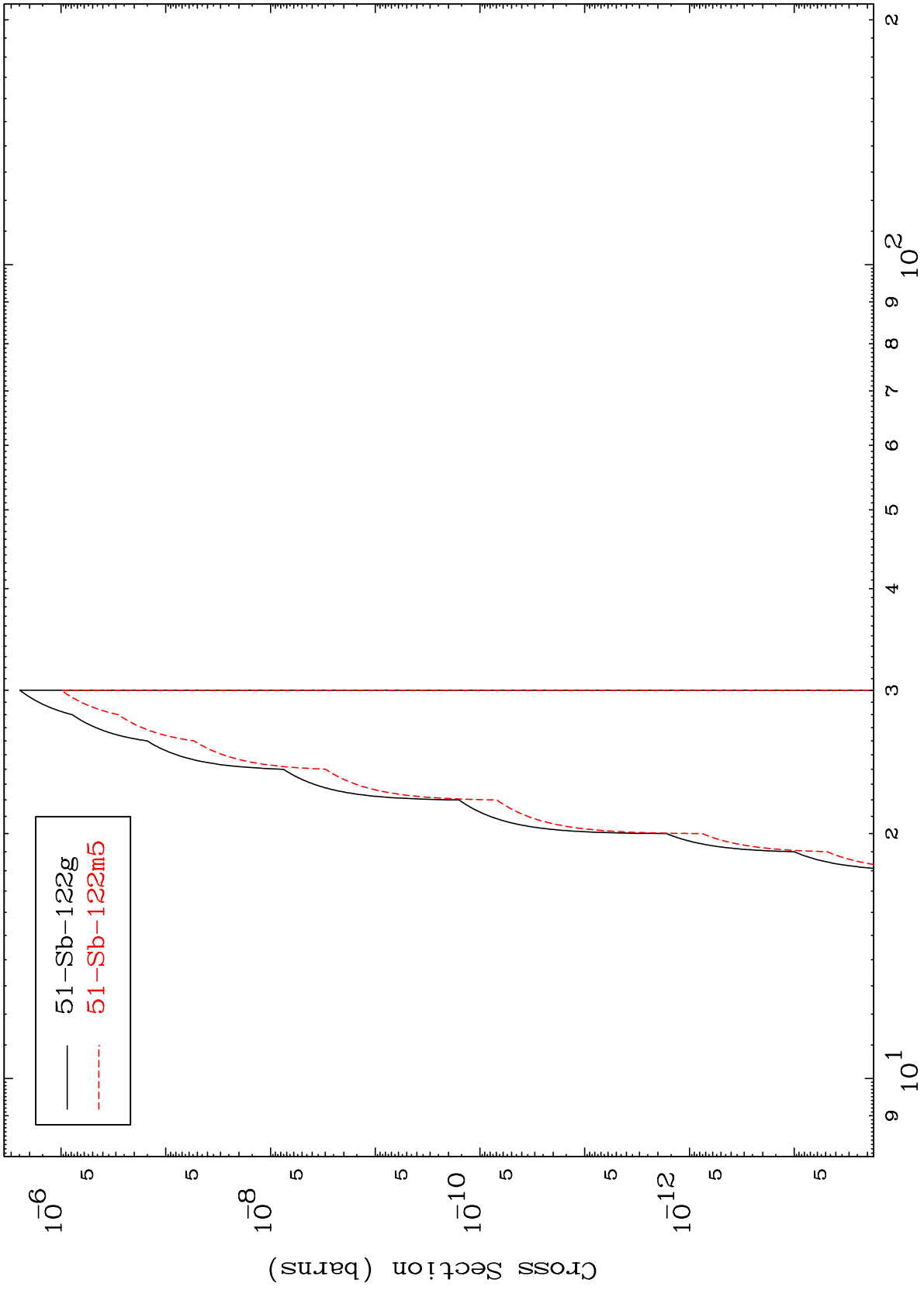
52-Te-123

MAT 5234

(α, p) α

52-Te-123

Radionuclide Production Cross Section



17

Incident Energy (MeV)

52-Te-123