

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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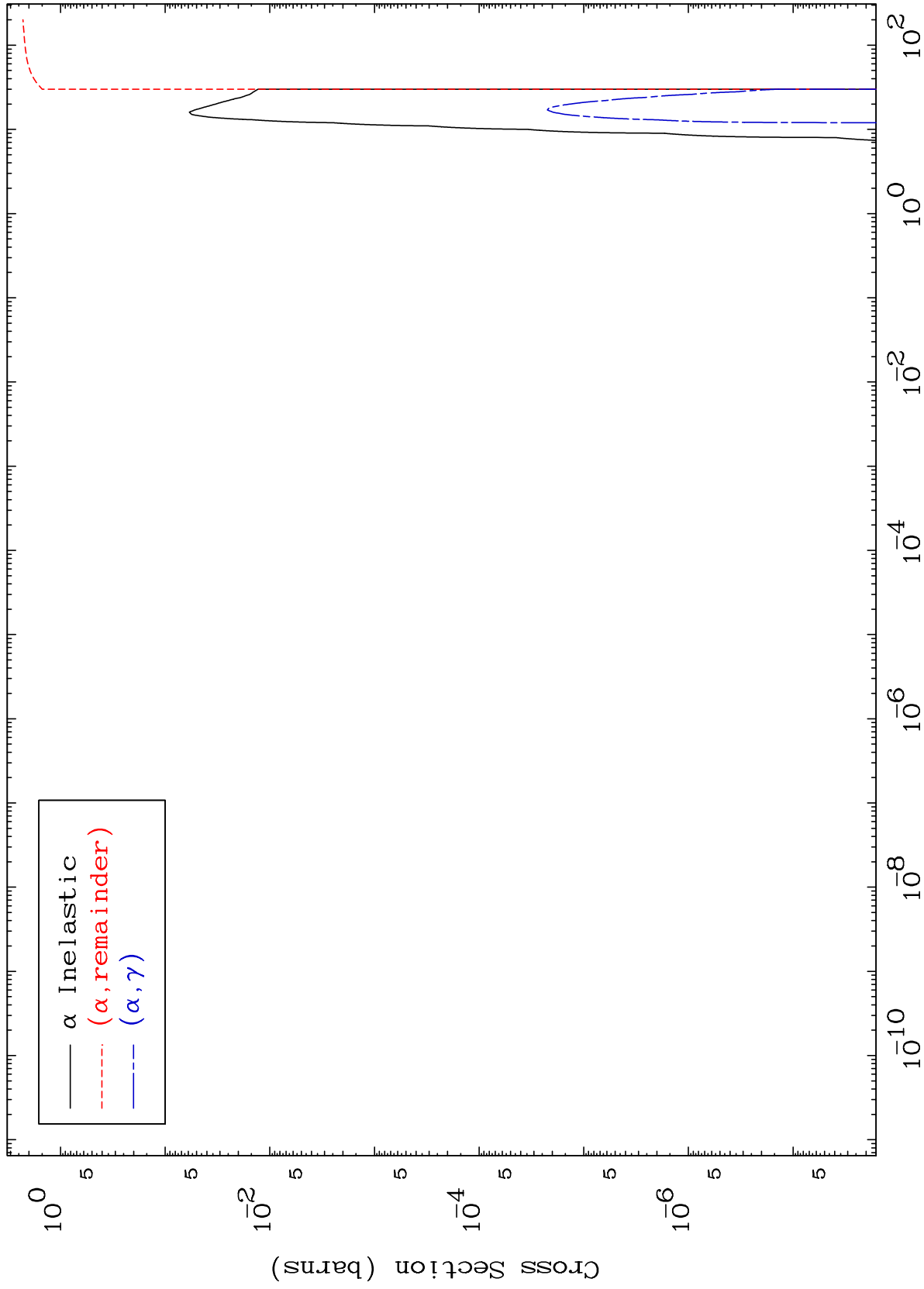
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5253

0 Kelvin α Major
Cross Sections

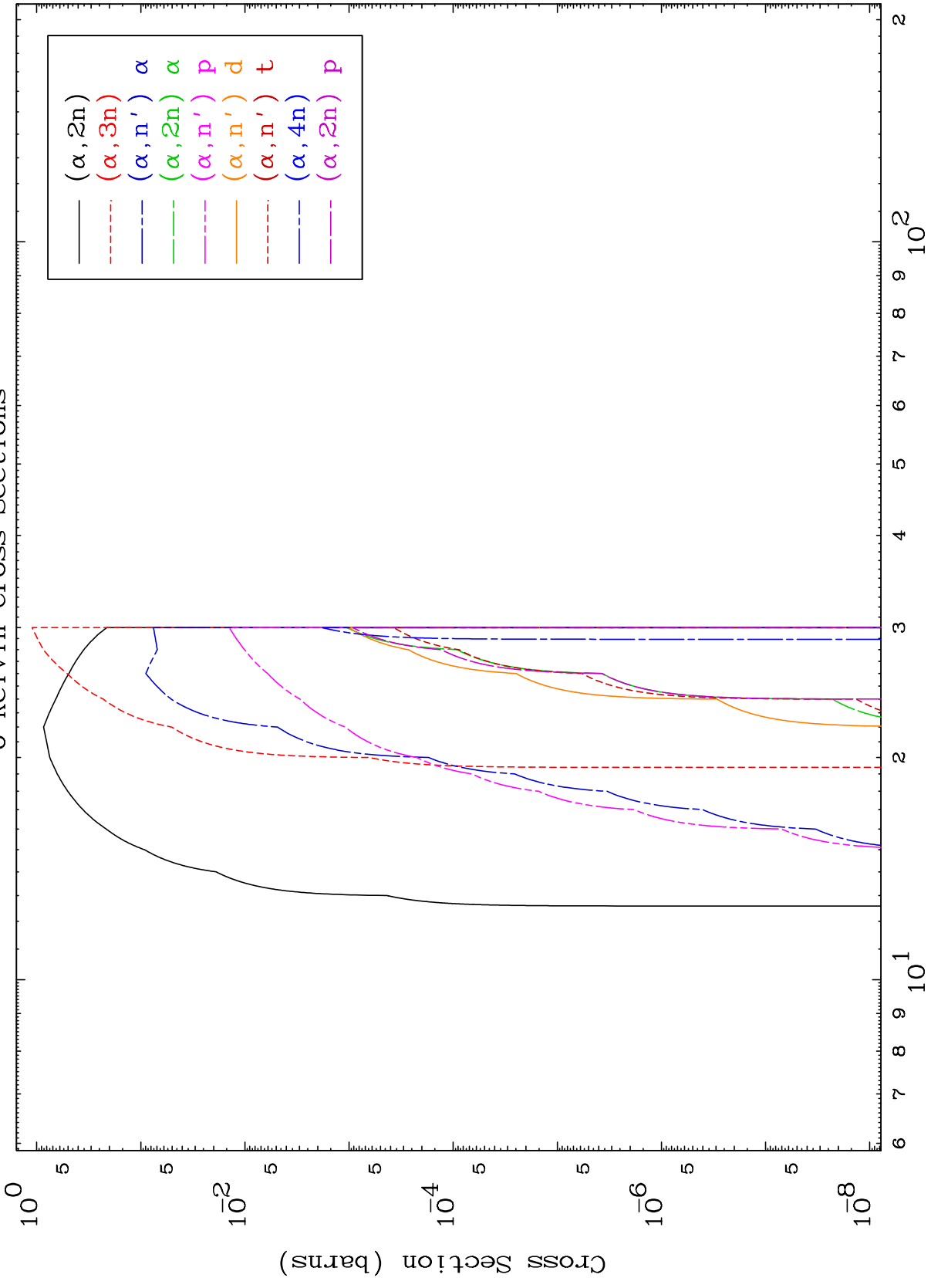
52-Te-129



MAT 5253

α Neutron Production
0 Kelvin Cross Sections

52-Te-129



2

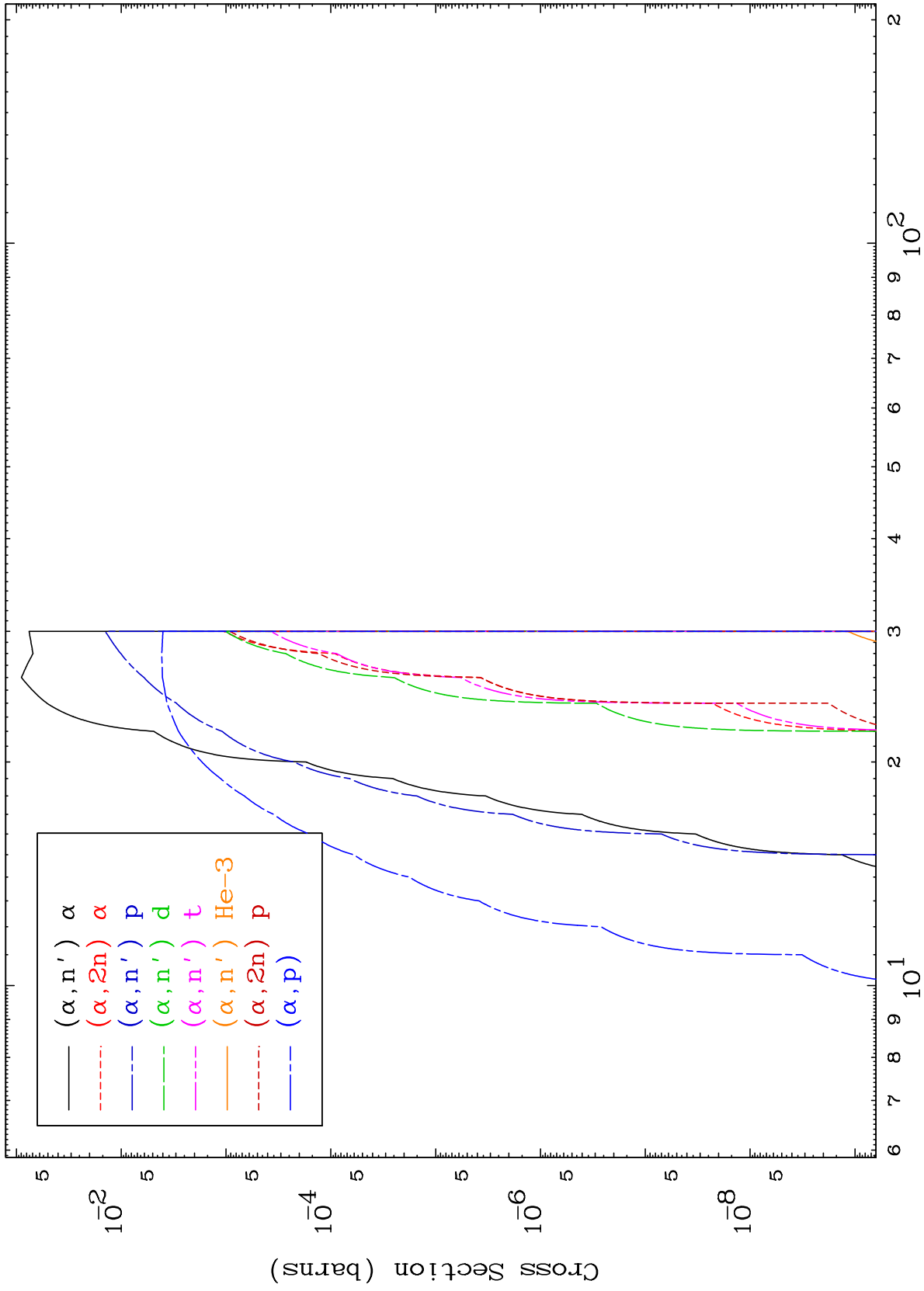
Incident Energy (MeV)

52-Te-129

MAT 5253

α Charged Particle
0 Kelvin Cross Sections

52-Te-129



3

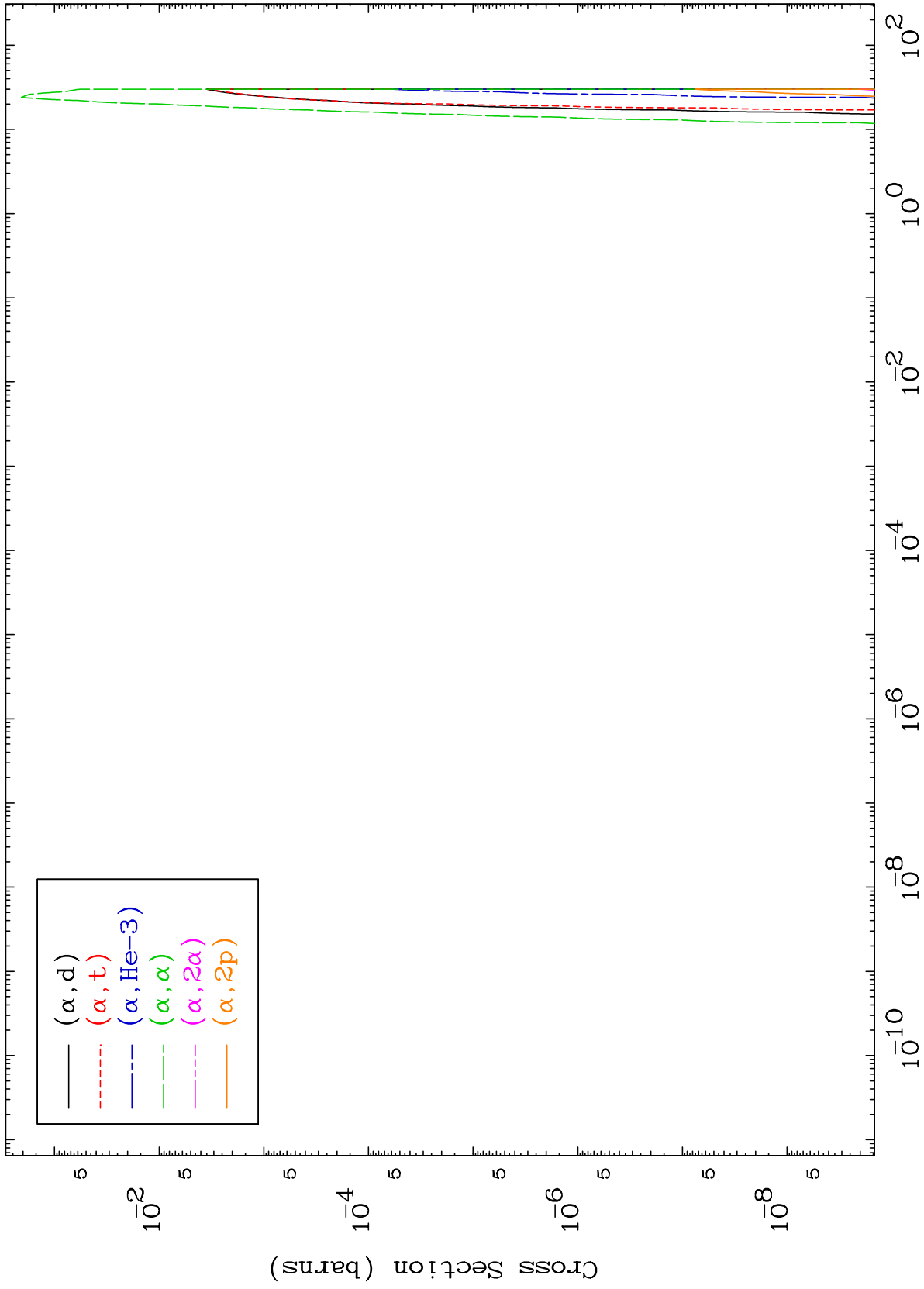
Incident Energy (MeV)

52-Te-129

MAT 5253

α Charged Particle
0 Kelvin Cross Sections

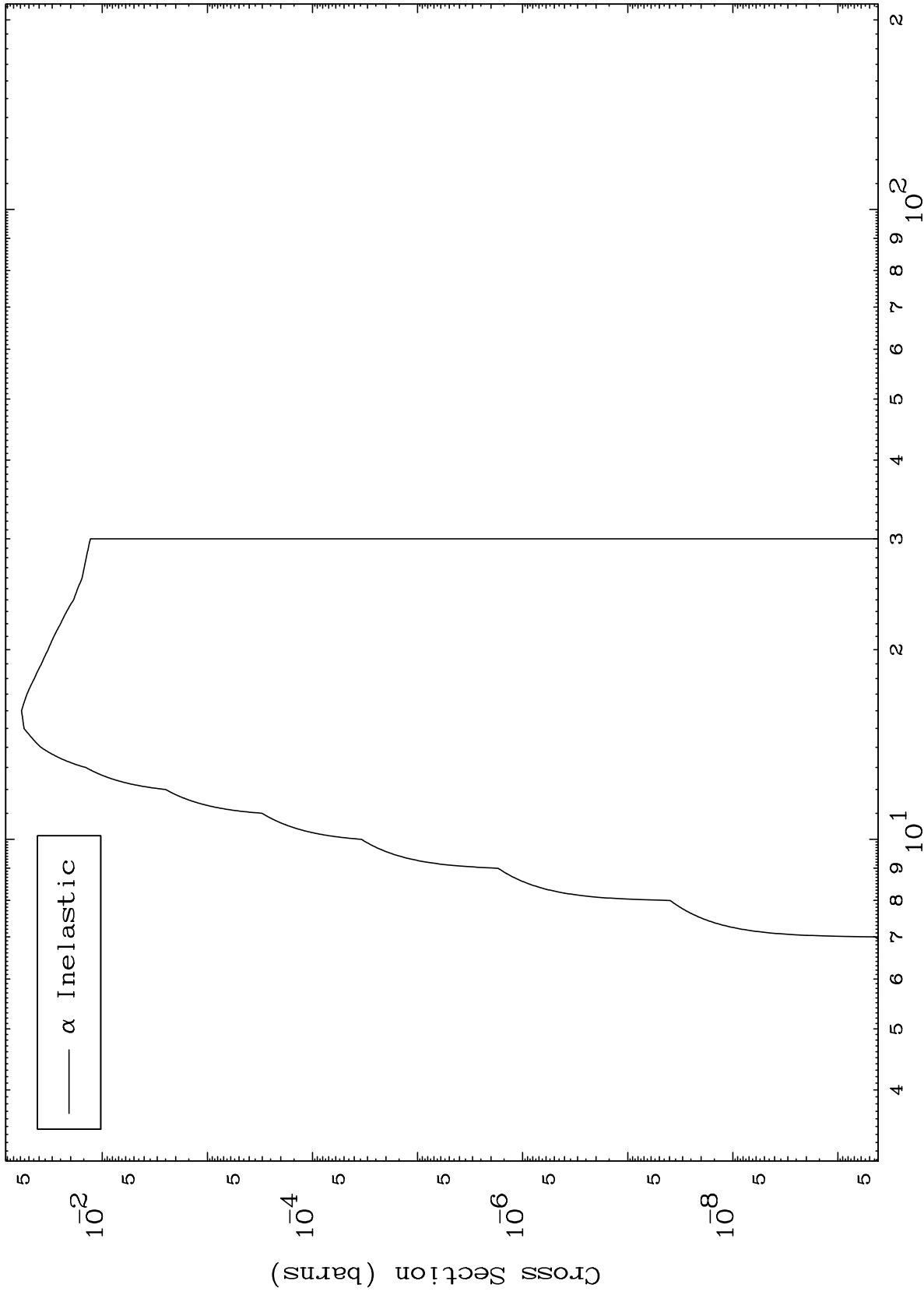
52-Te-129



MAT 5253

(α, n') Level
0 Kelvin Cross Sections

52-Te-129



5

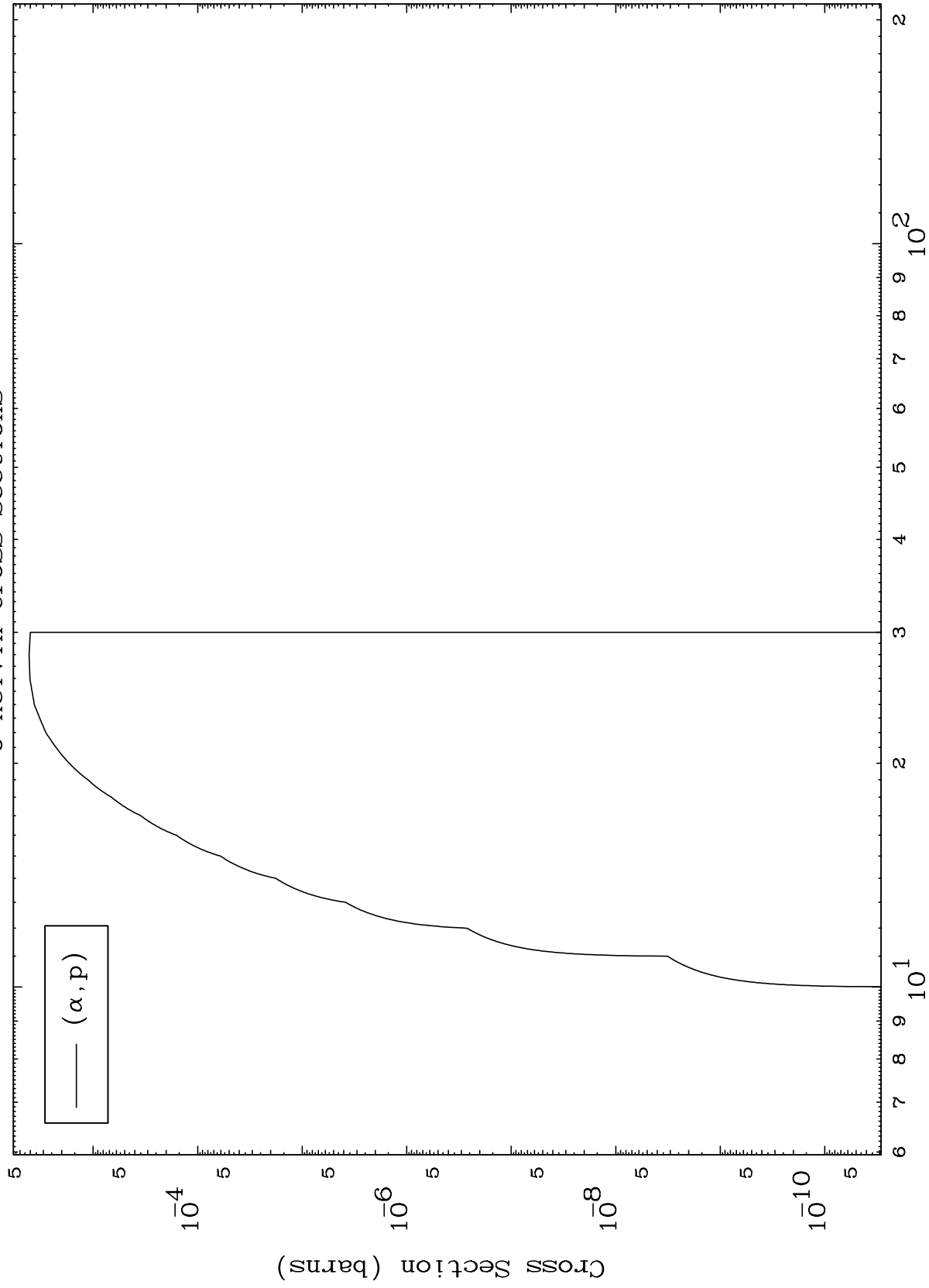
Incident Energy (MeV)

52-Te-129

MAT 5253

(α, p) Levels
0 Kelvin Cross Sections

52-Te-129



6

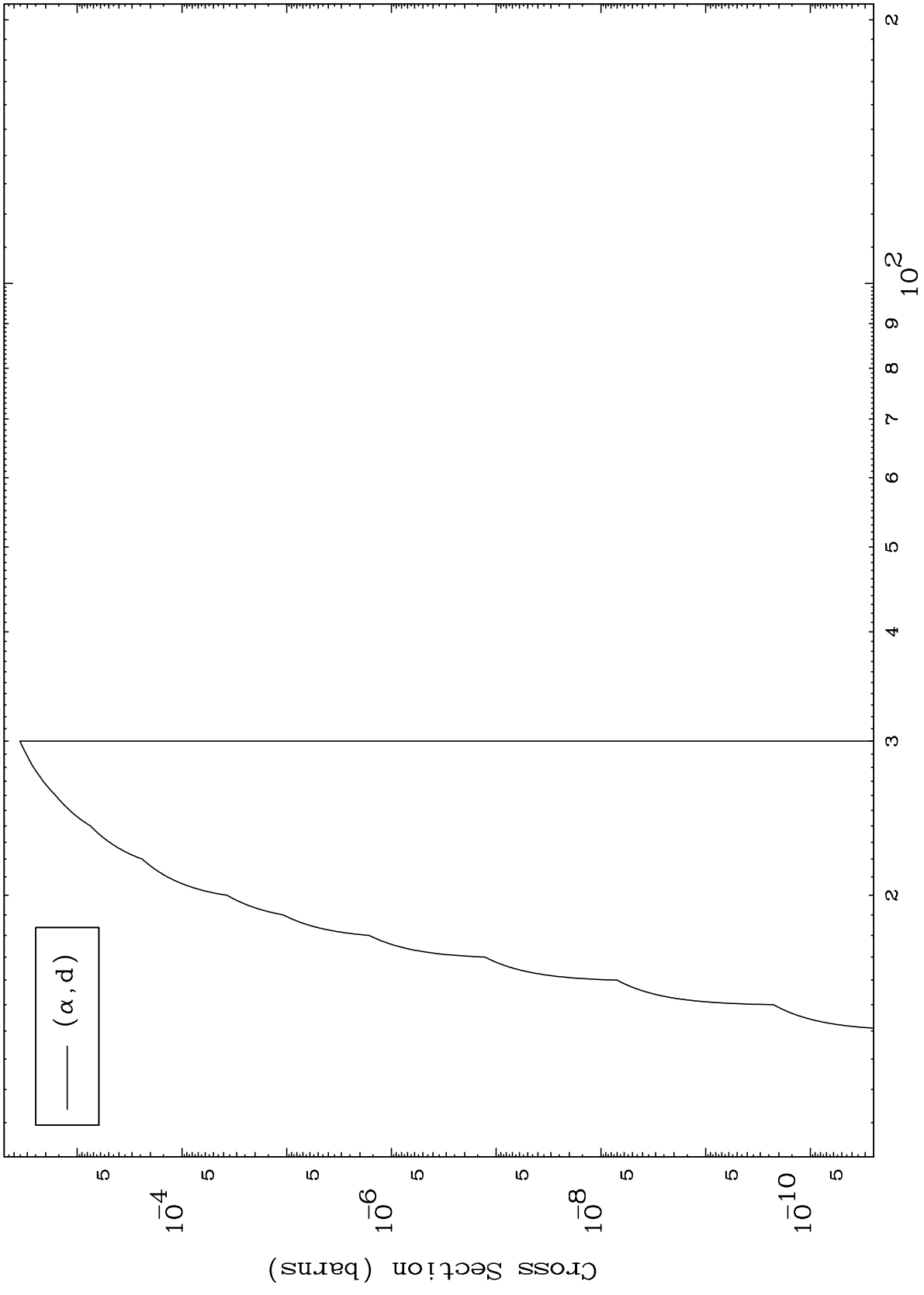
Incident Energy (MeV)

52-Te-129

MAT 5253

(α, d) Levels
0 Kelvin Cross Sections

52-Te-129



7

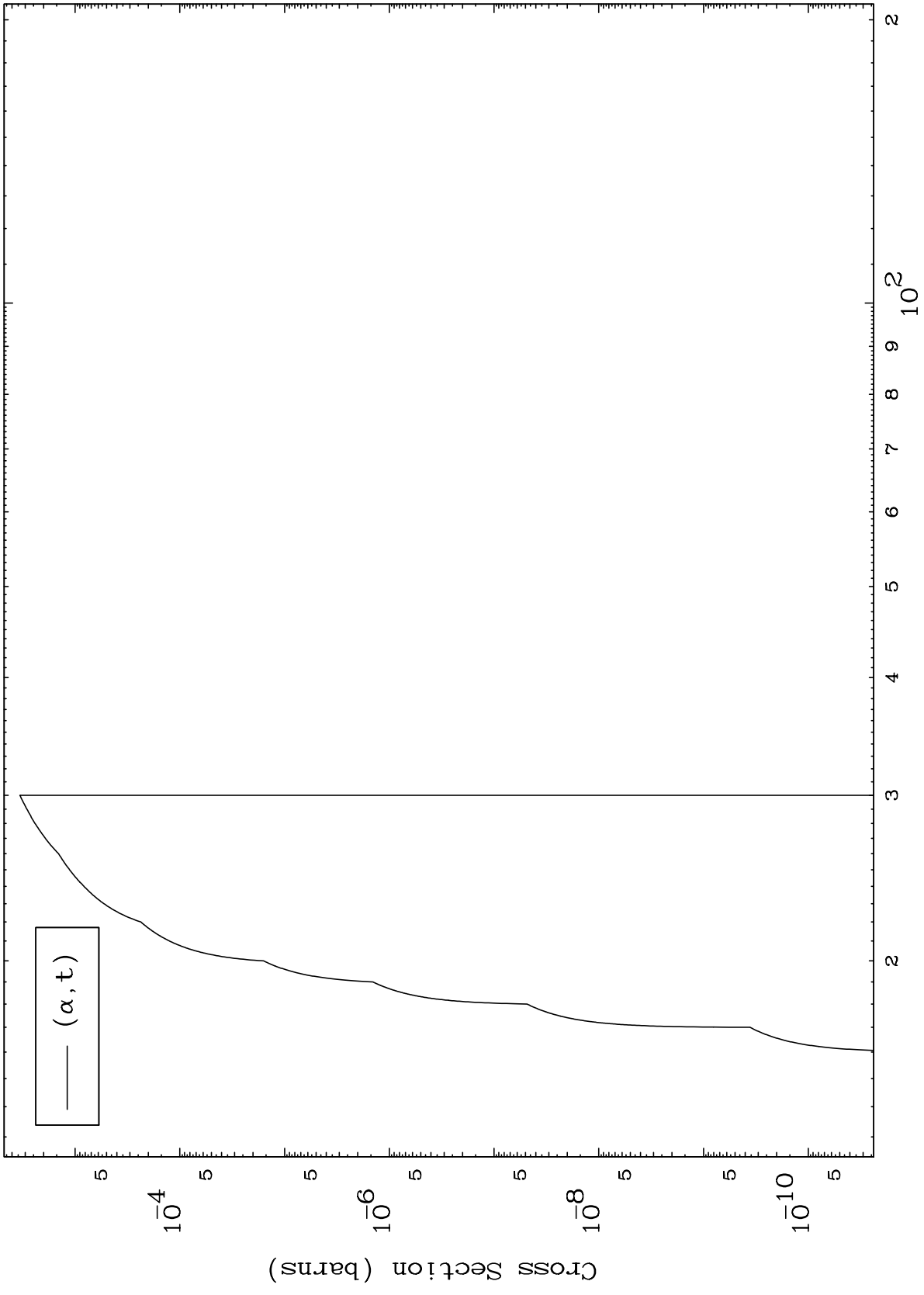
Incident Energy (MeV)

52-Te-129

MAT 5253

(α, t) Levels
0 Kelvin Cross Sections

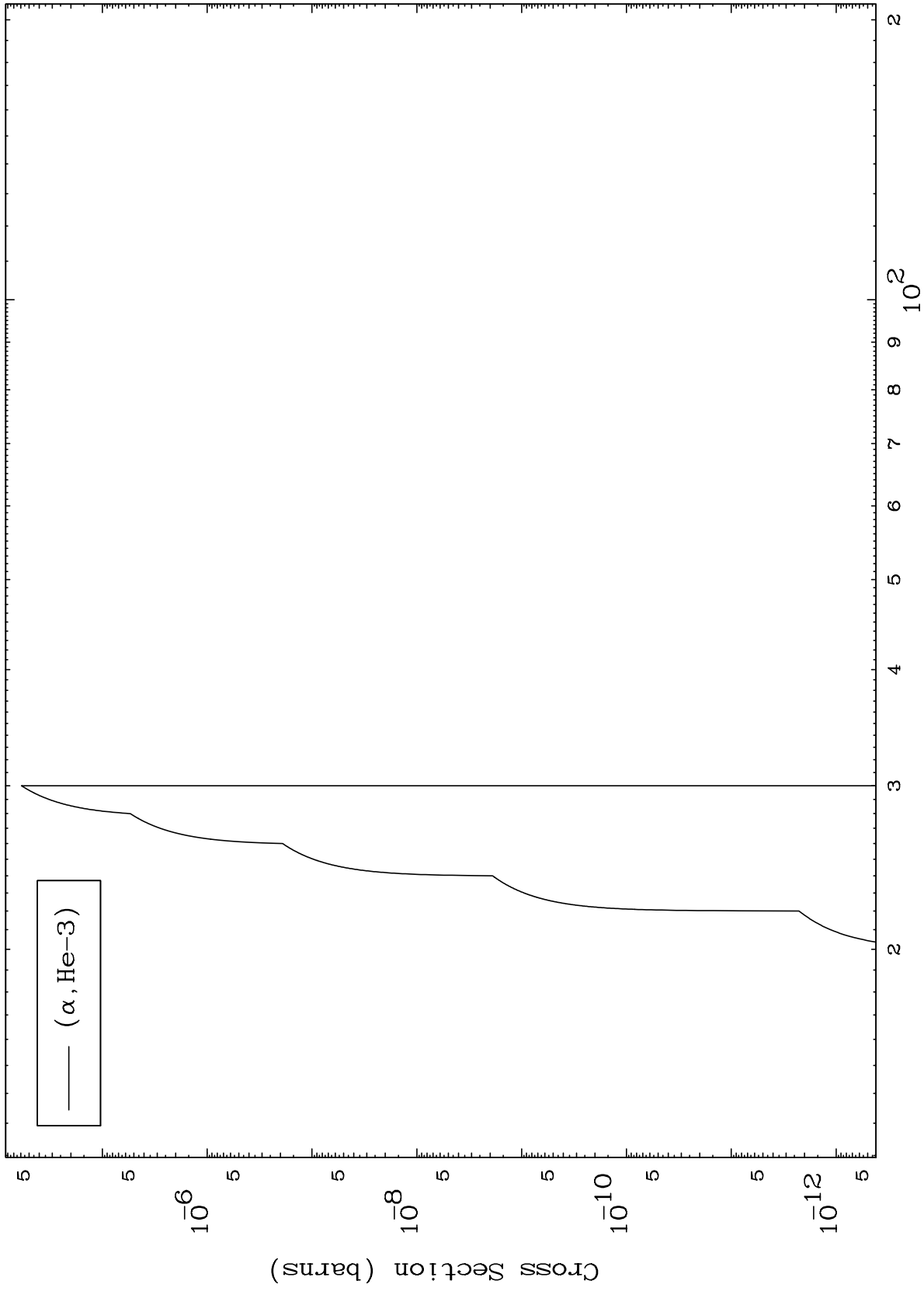
52-Te-129



8

Incident Energy (MeV)

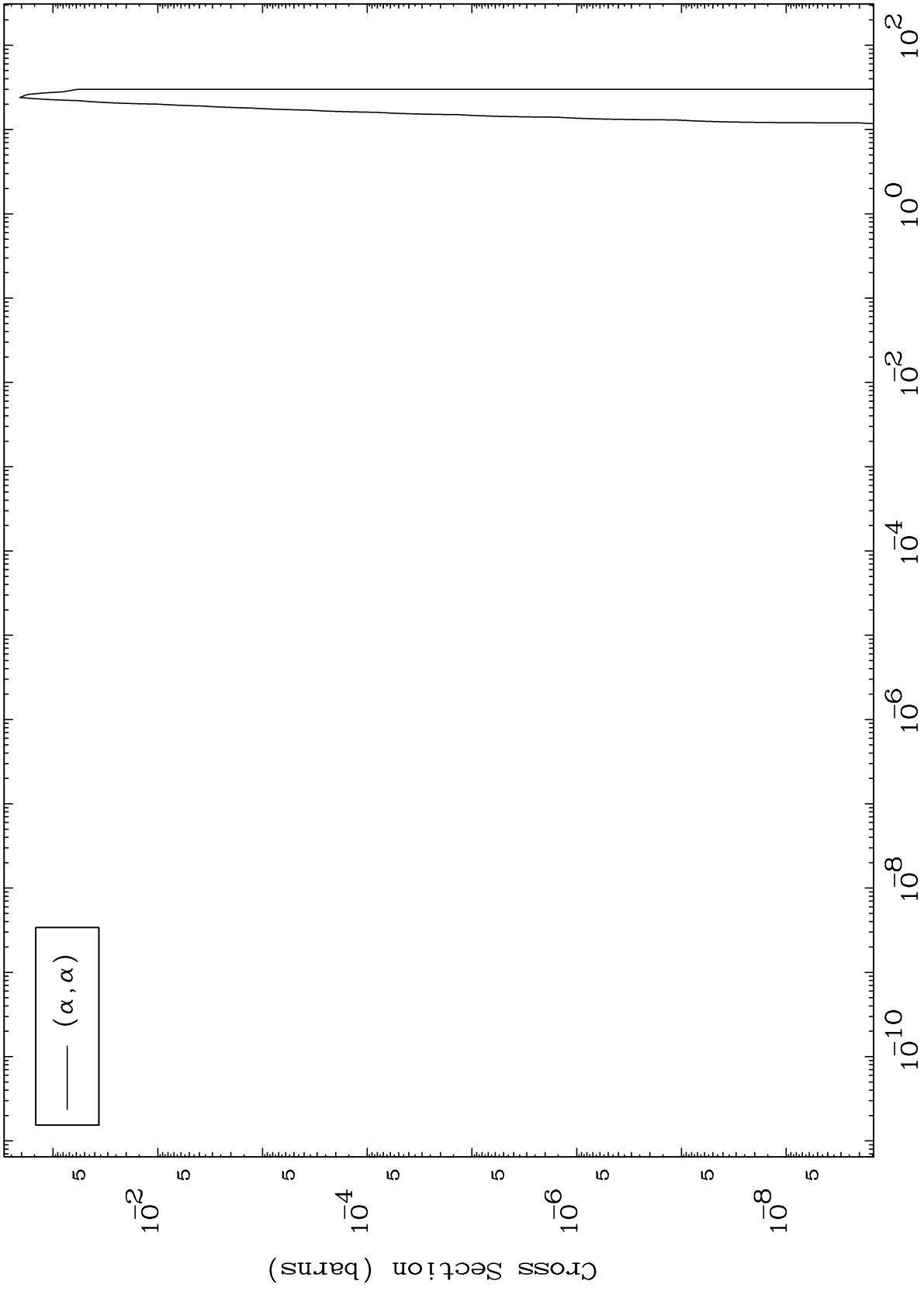
52-Te-129



MAT 5253

(α, α) Levels
0 Kelvin Cross Sections

52-Te-129



10

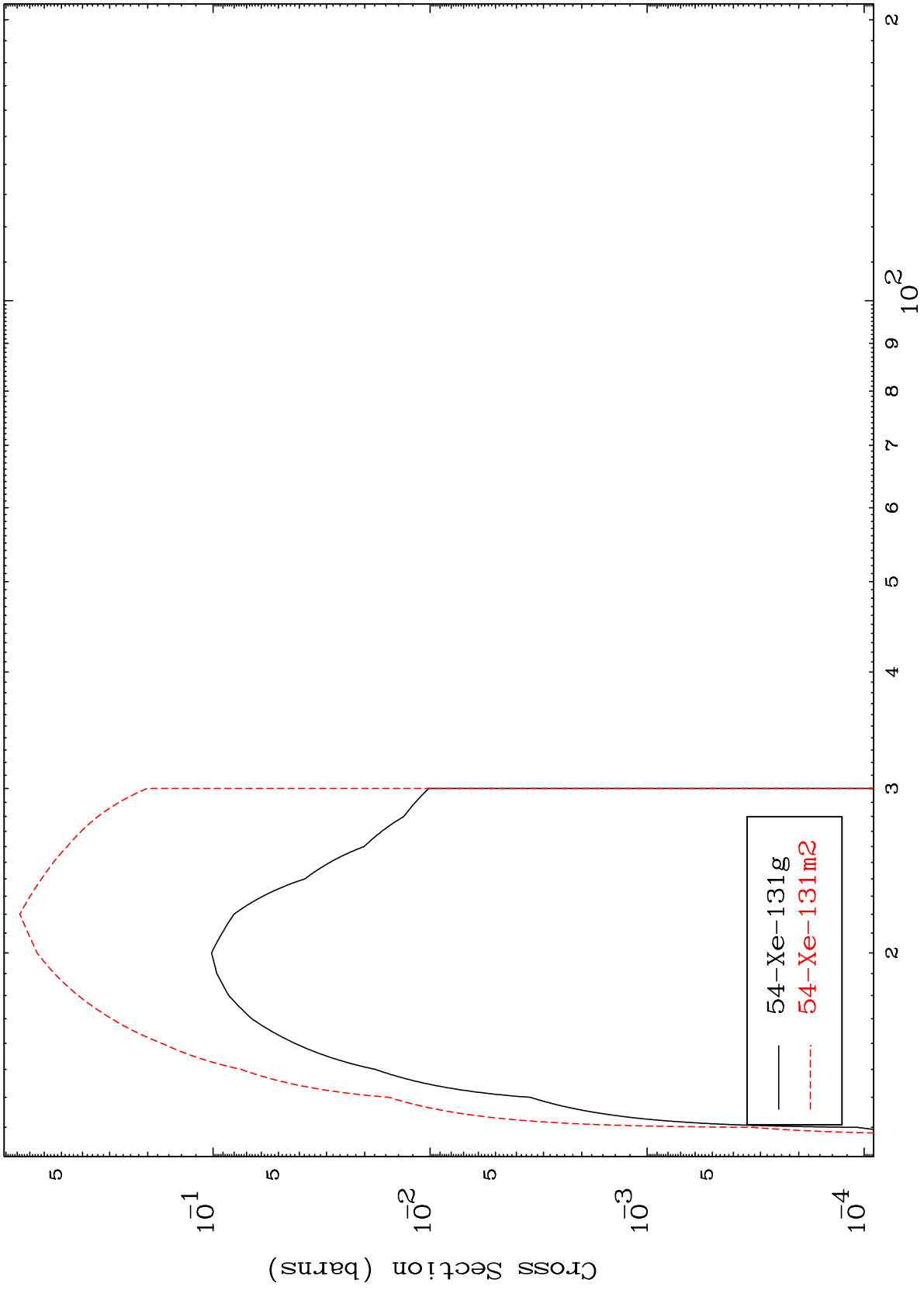
Incident Energy (MeV)

52-Te-129

MAT 5253

52-Te-129

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



11

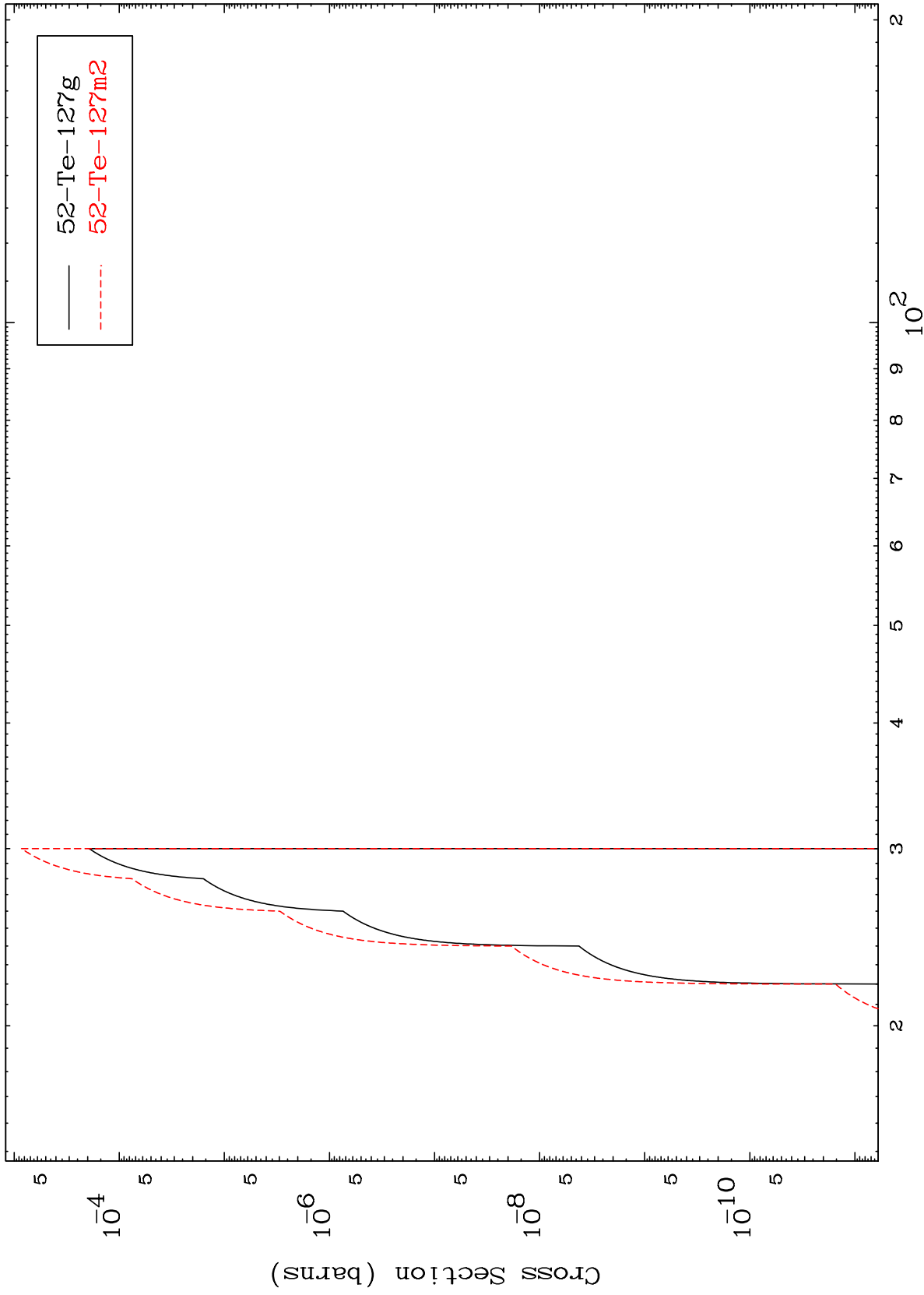
52-Te-129

MAT 5253

$(\alpha, 2n) \alpha$

$^{52}\text{Te-129}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

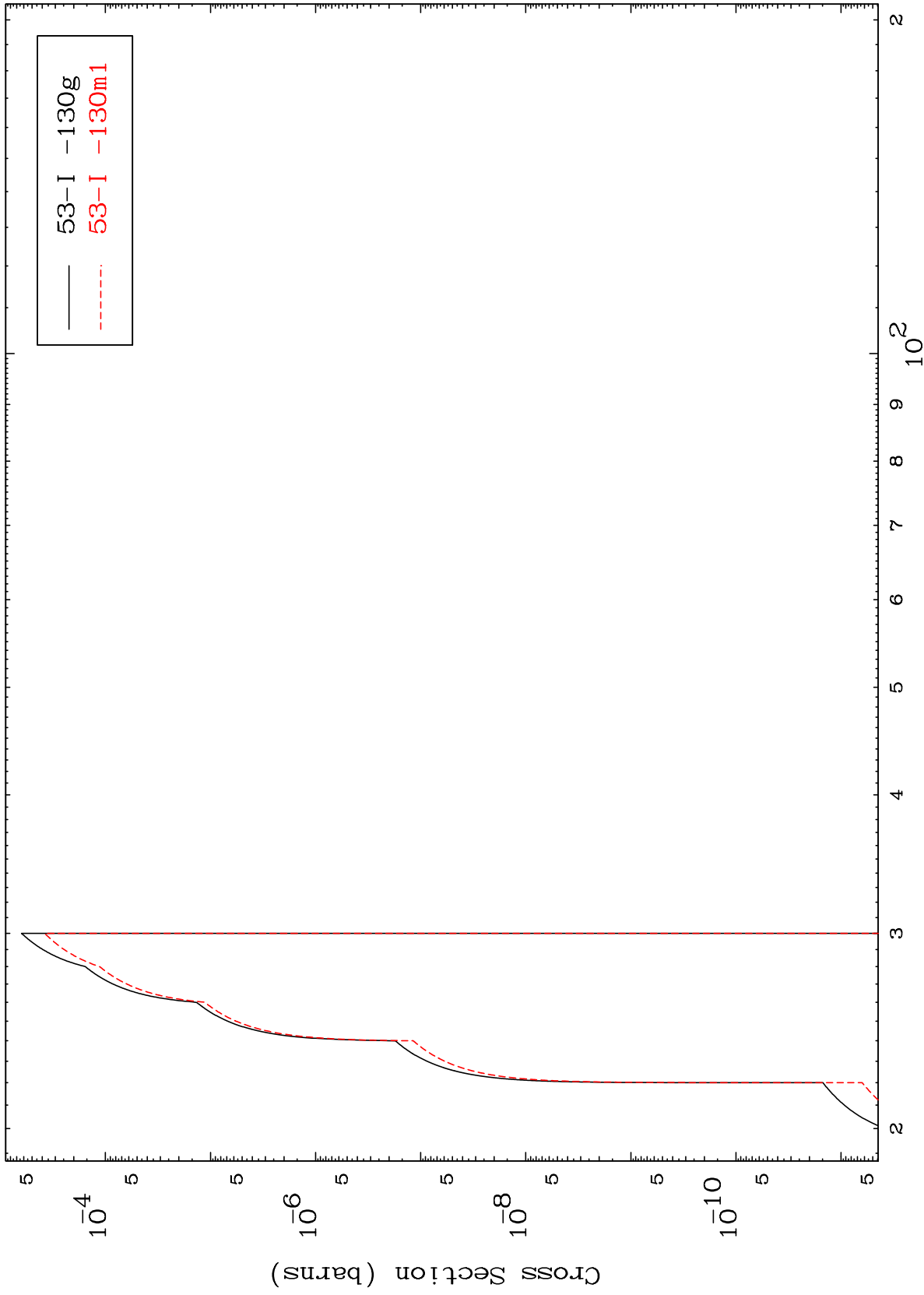
$^{52}\text{Te-129}$

MAT 5253

(α, n') d

52-Te-129

Radionuclide Production Cross Section



13

Incident Energy (MeV)

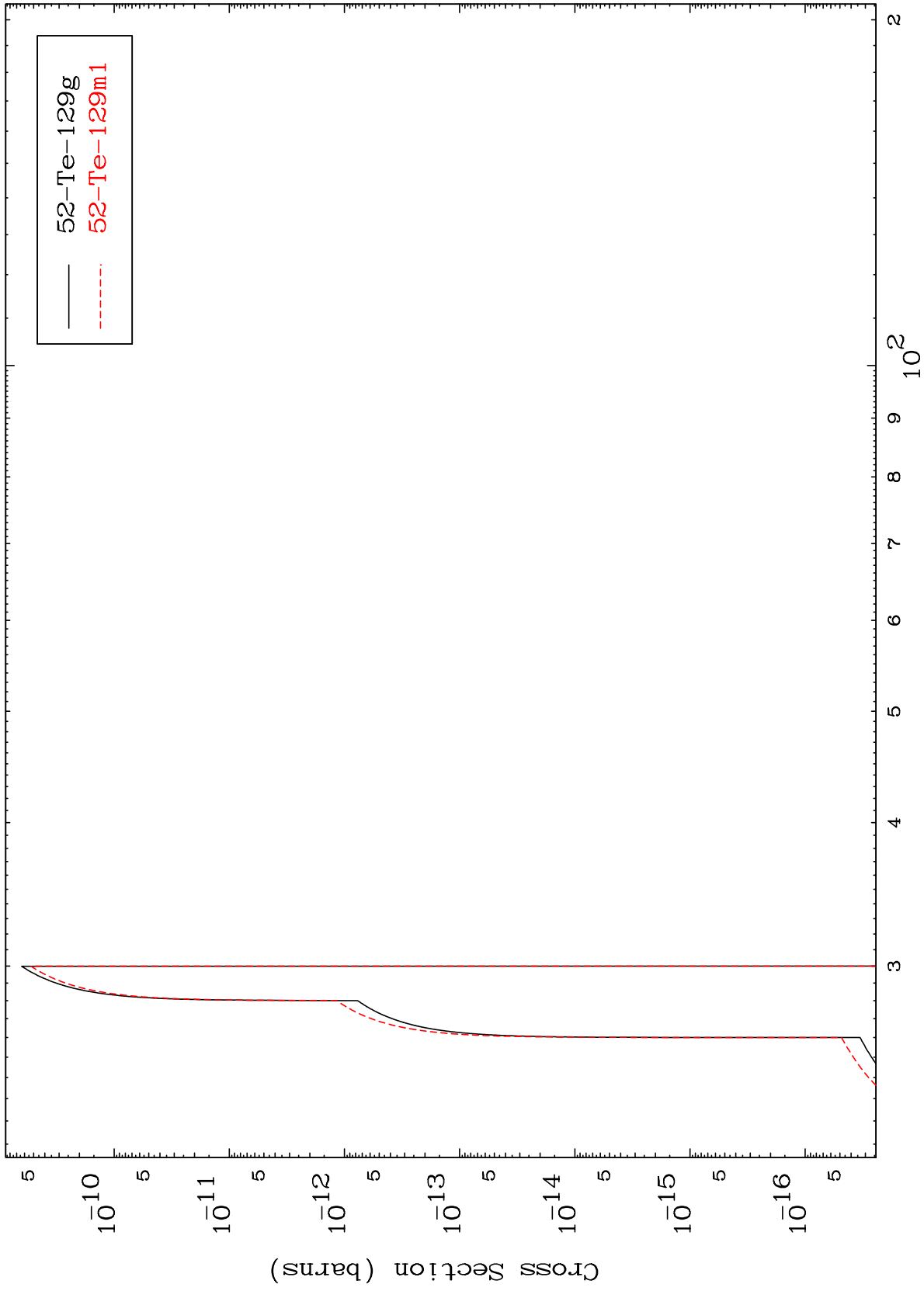
52-Te-129

MAT 5253

(α, n') He-3

52-Te-129

Radionuclide Production Cross Section



14

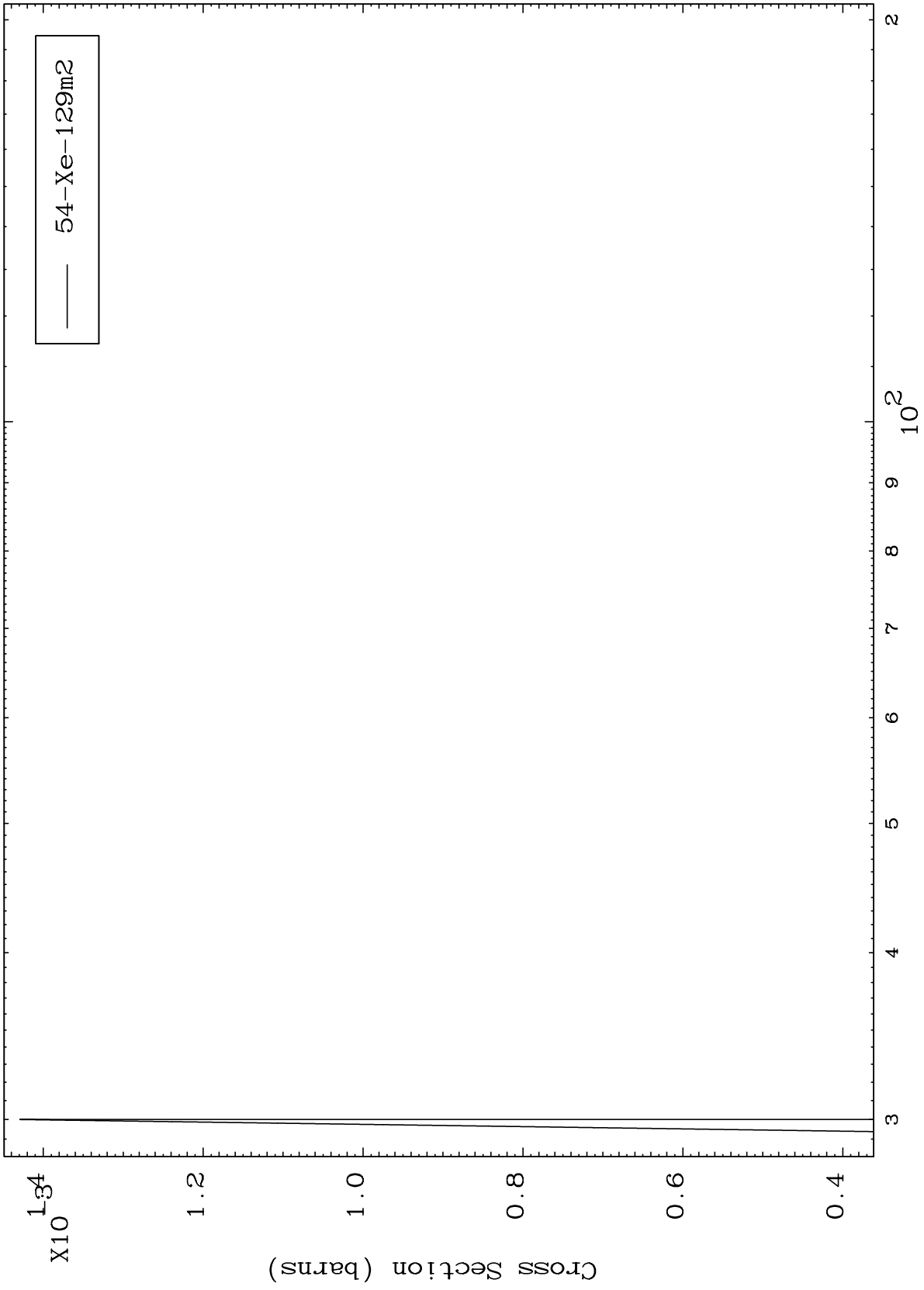
Incident Energy (MeV)

52-Te-129

MAT 5253

52-Te-129

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



15

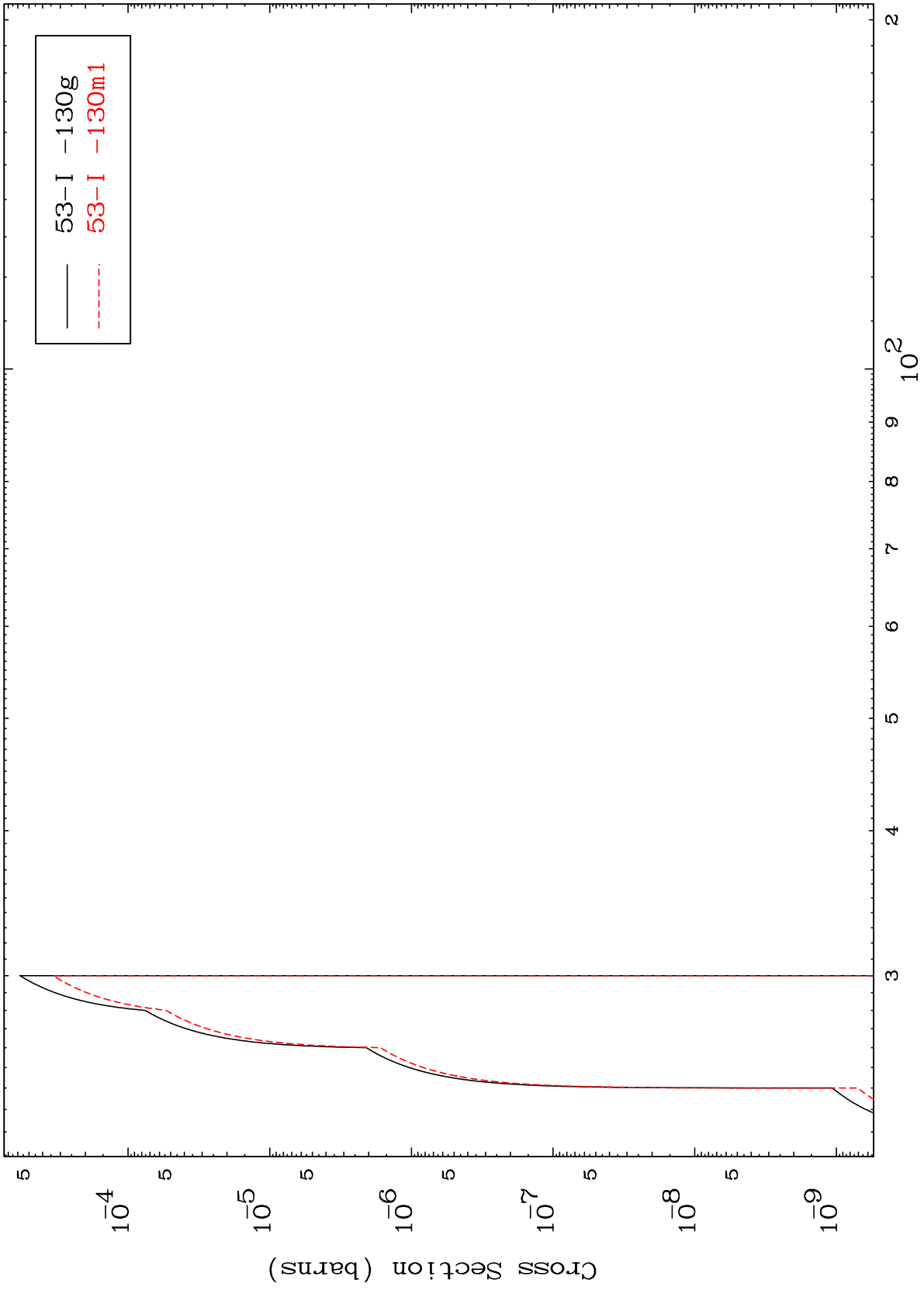
52-Te-129

MAT 5253

($\alpha, 2n$) p

52-Te-129

Radionuclide Production Cross Section



16

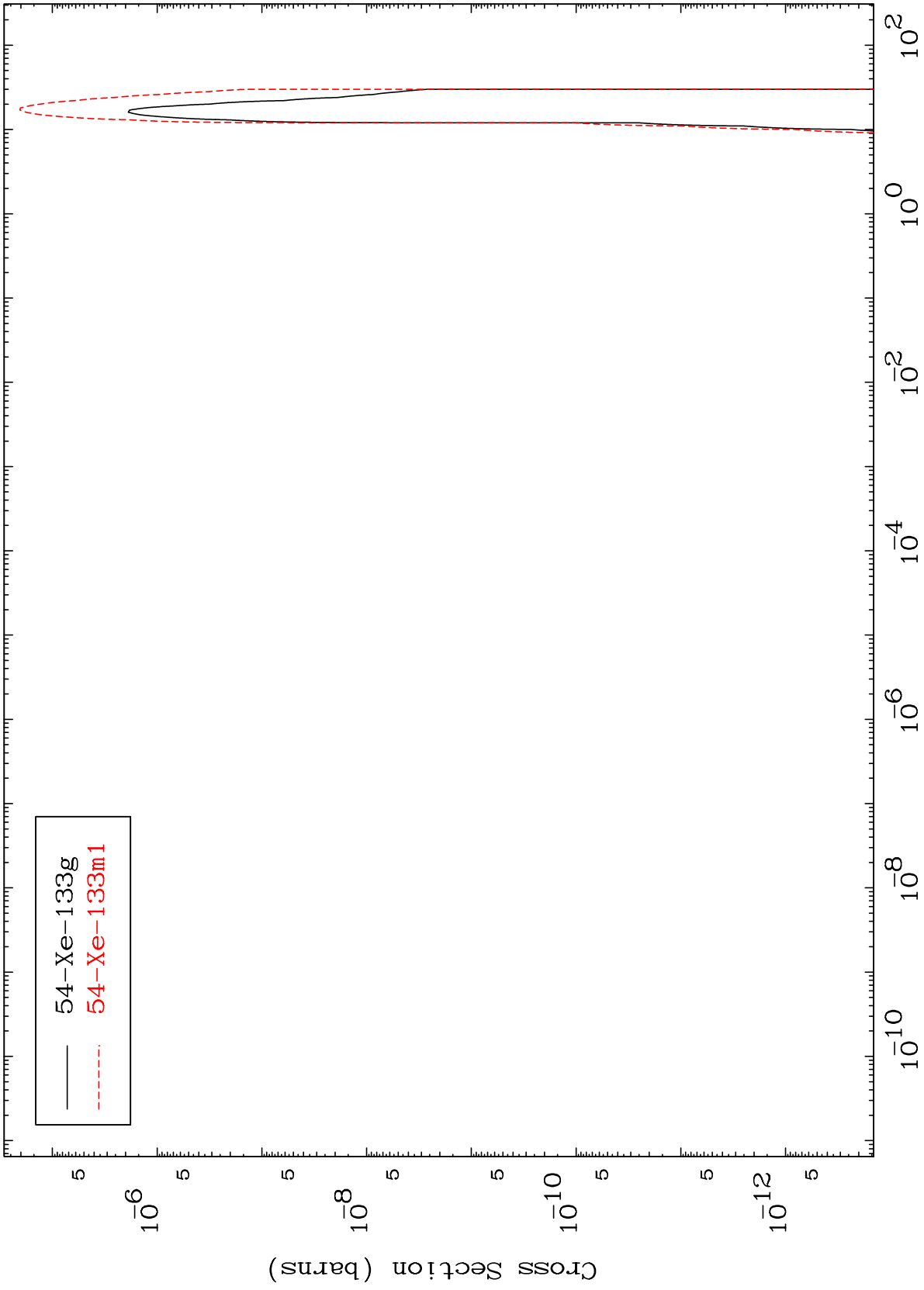
Incident Energy (MeV)

52-Te-129

MAT 5253

(α, γ)
Radionuclide Production Cross Section

52-Te-129

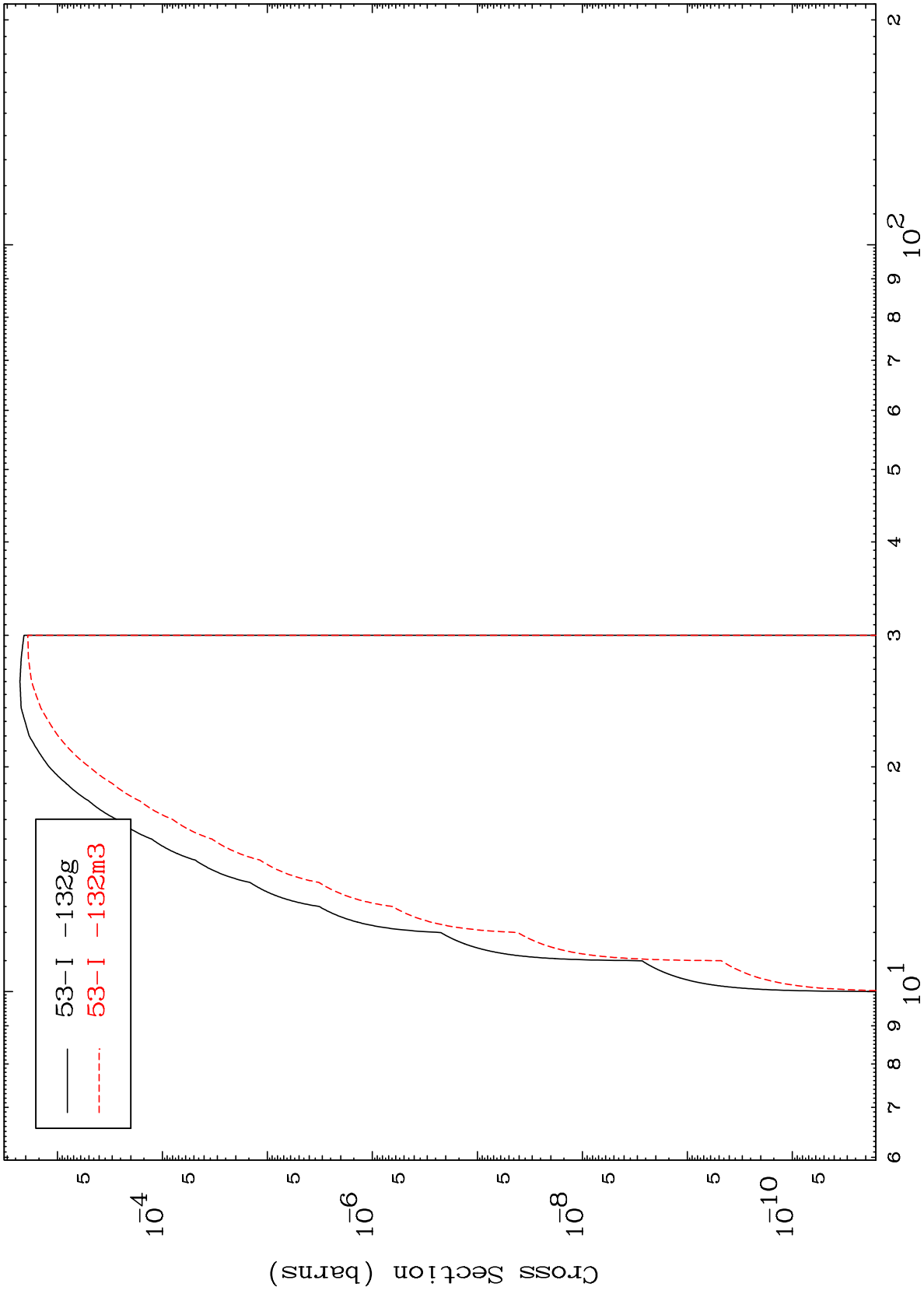


MAT 5253

52-Te-129

Radionuclide Production Cross Section

(α, p)



18

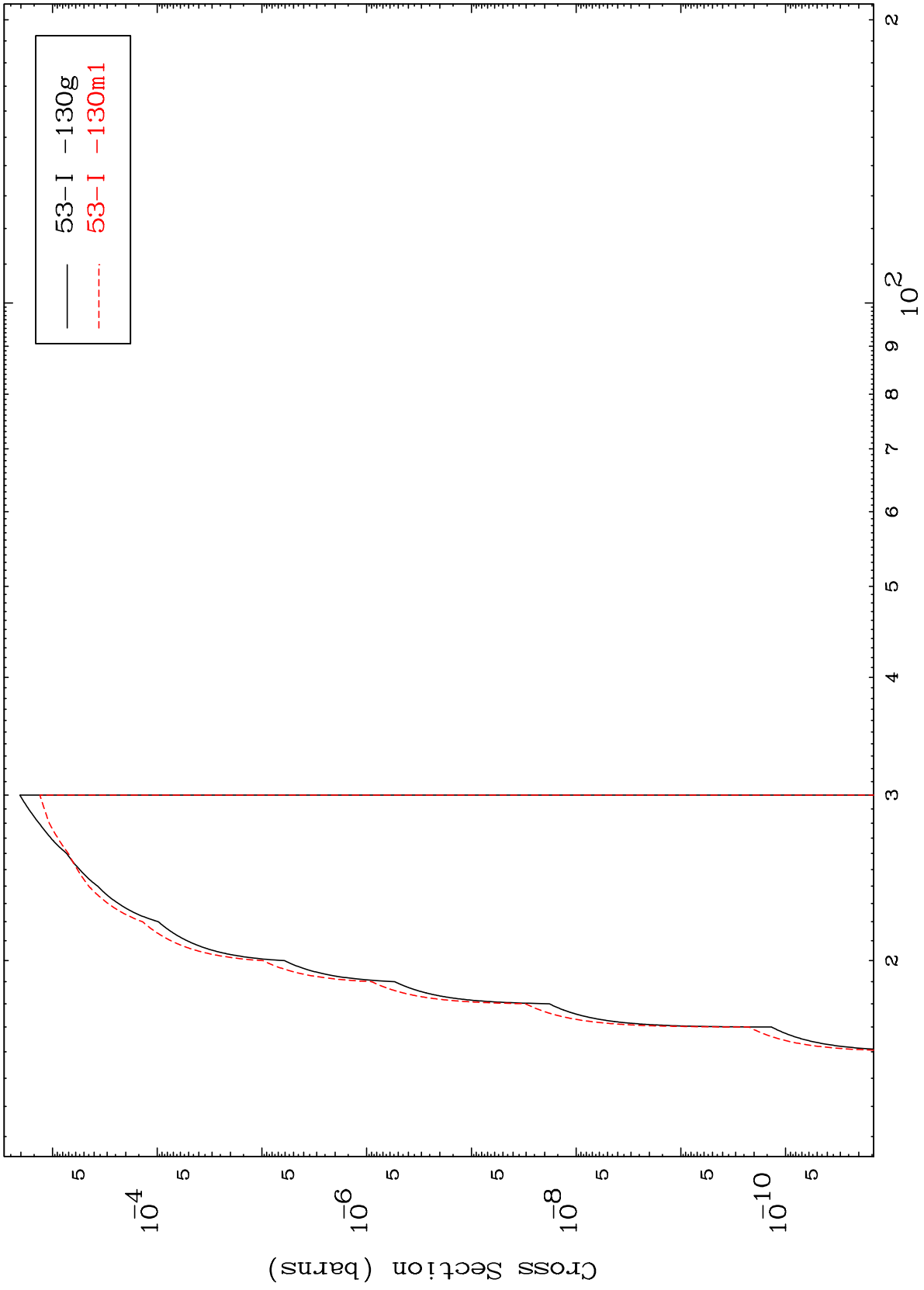
Incident Energy (MeV)

52-Te-129

MAT 5253

52-Te-129

(α, t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

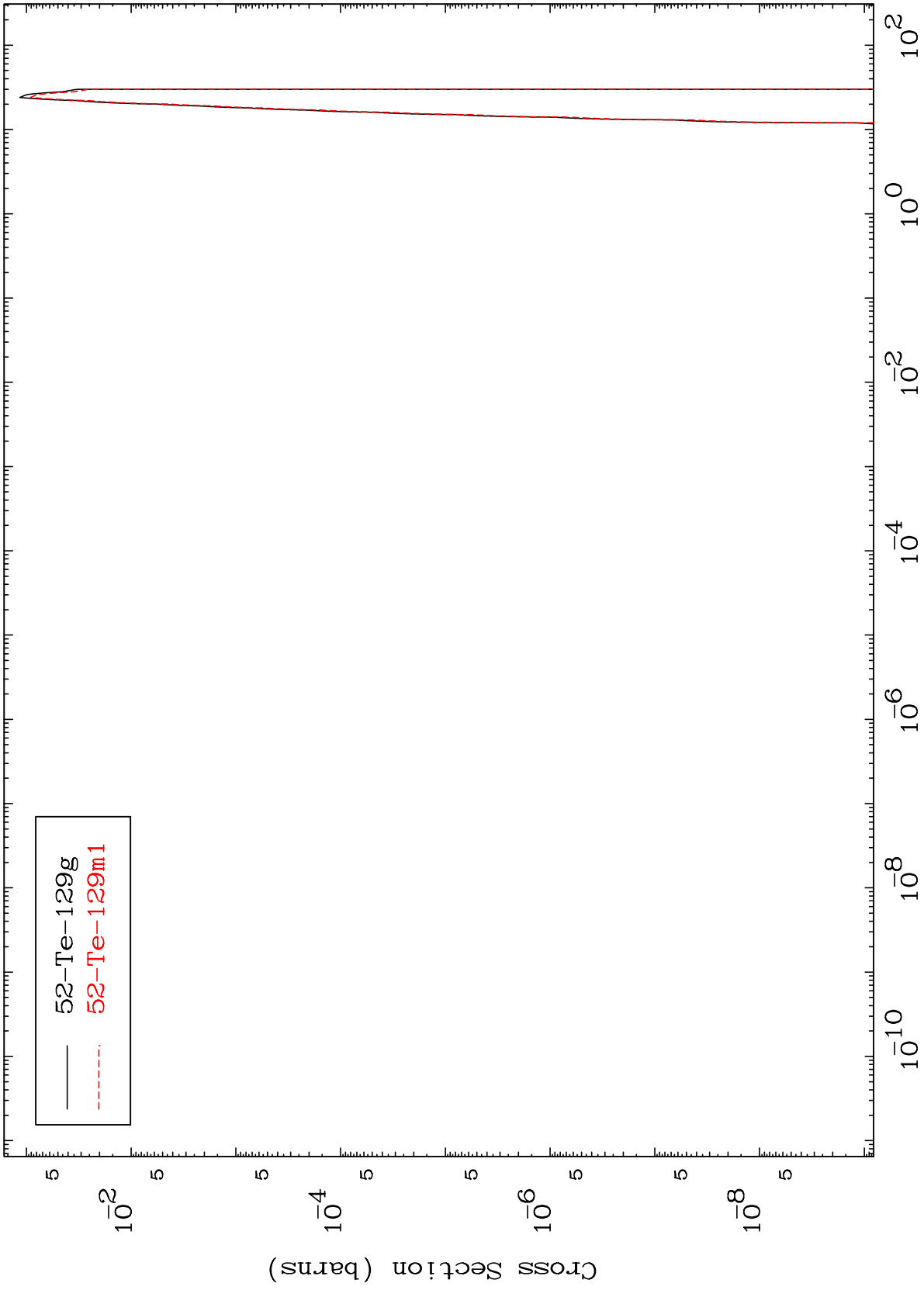
52-Te-129

MAT 5253

(α, α)

52-Te-129

Radionuclide Production Cross Section



20

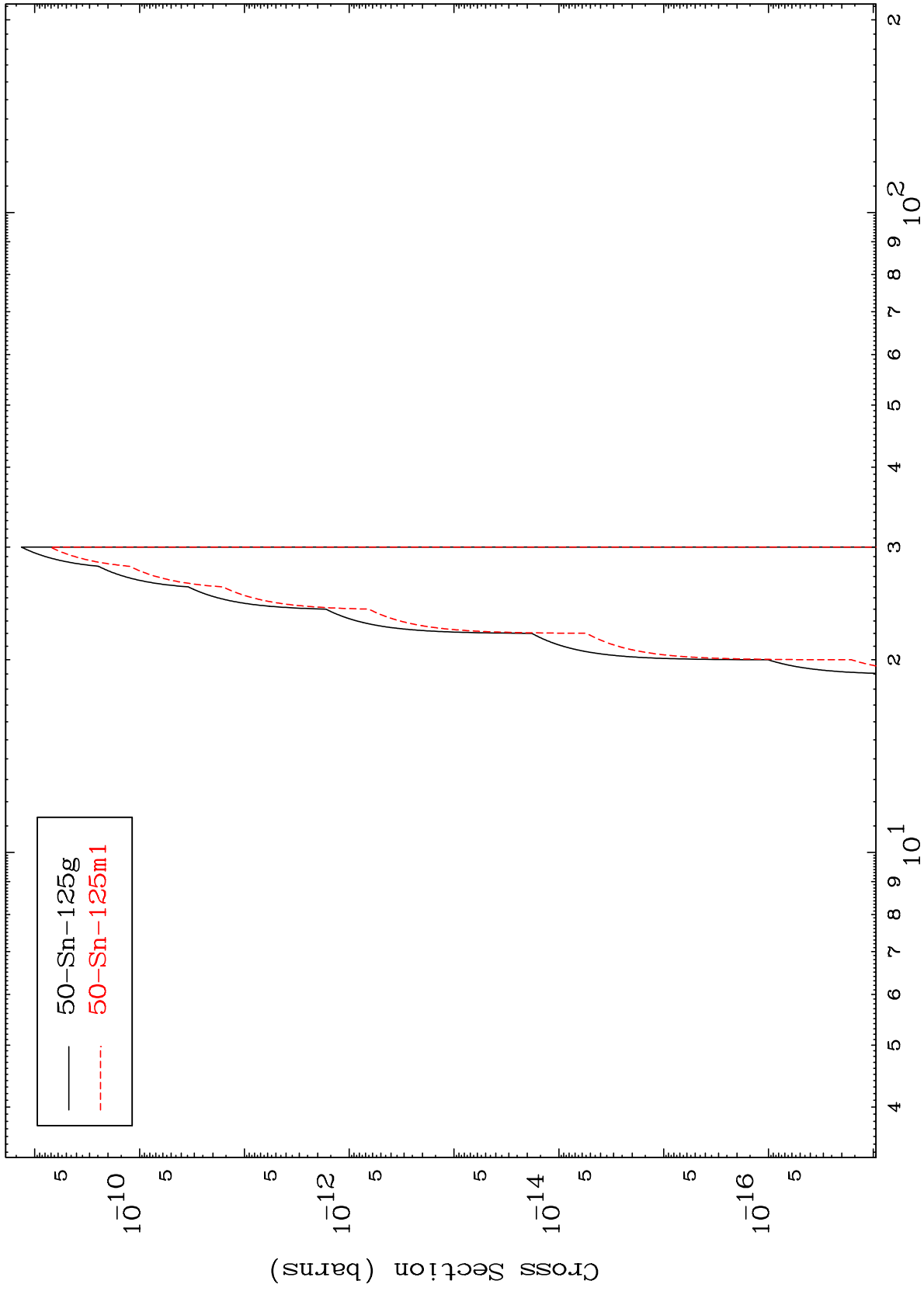
Incident Energy (MeV)

52-Te-129

MAT 5253

52-Te-129

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



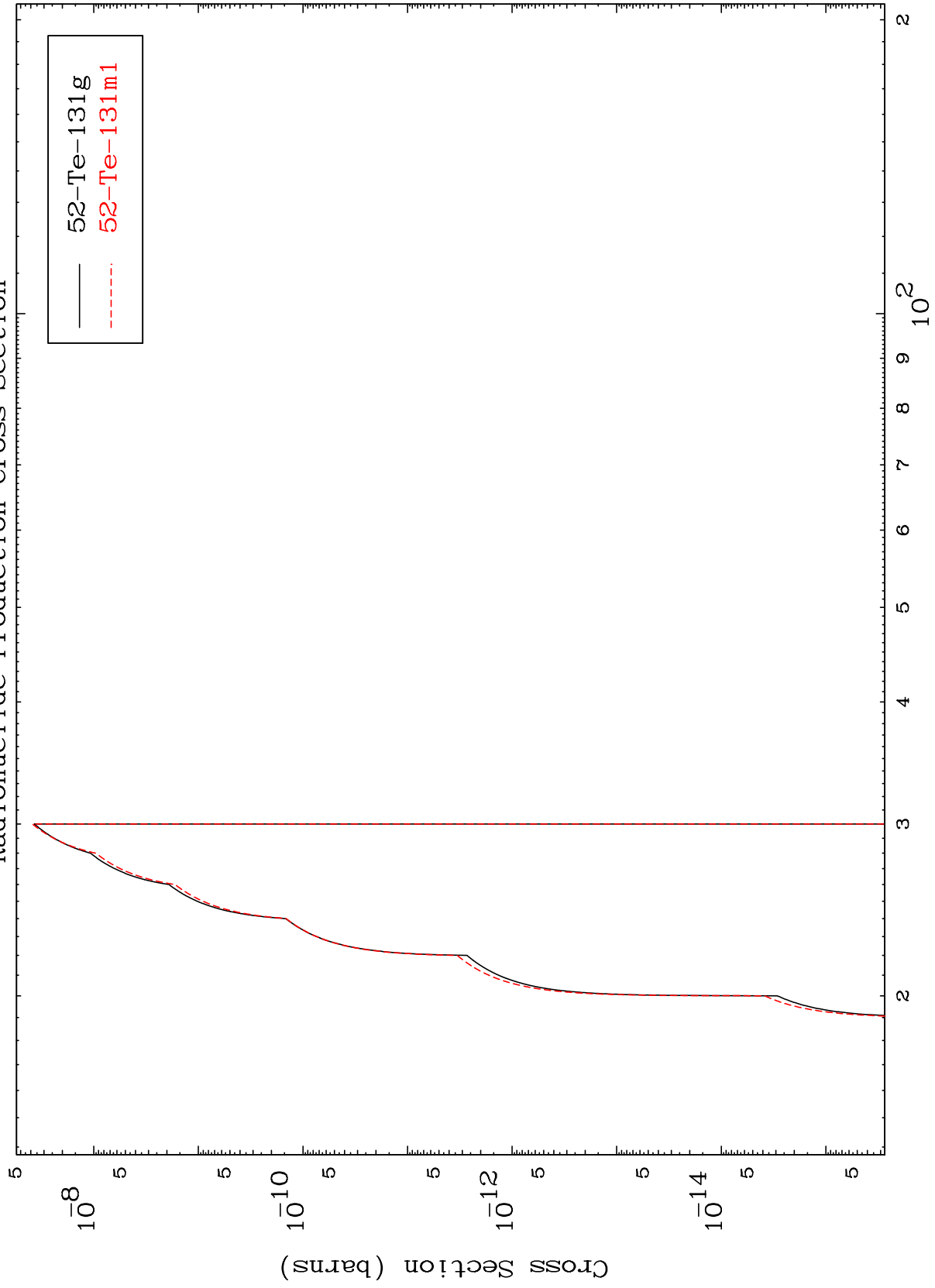
21

52-Te-129

MAT 5253

52-Te-129

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



22

Incident Energy (MeV)

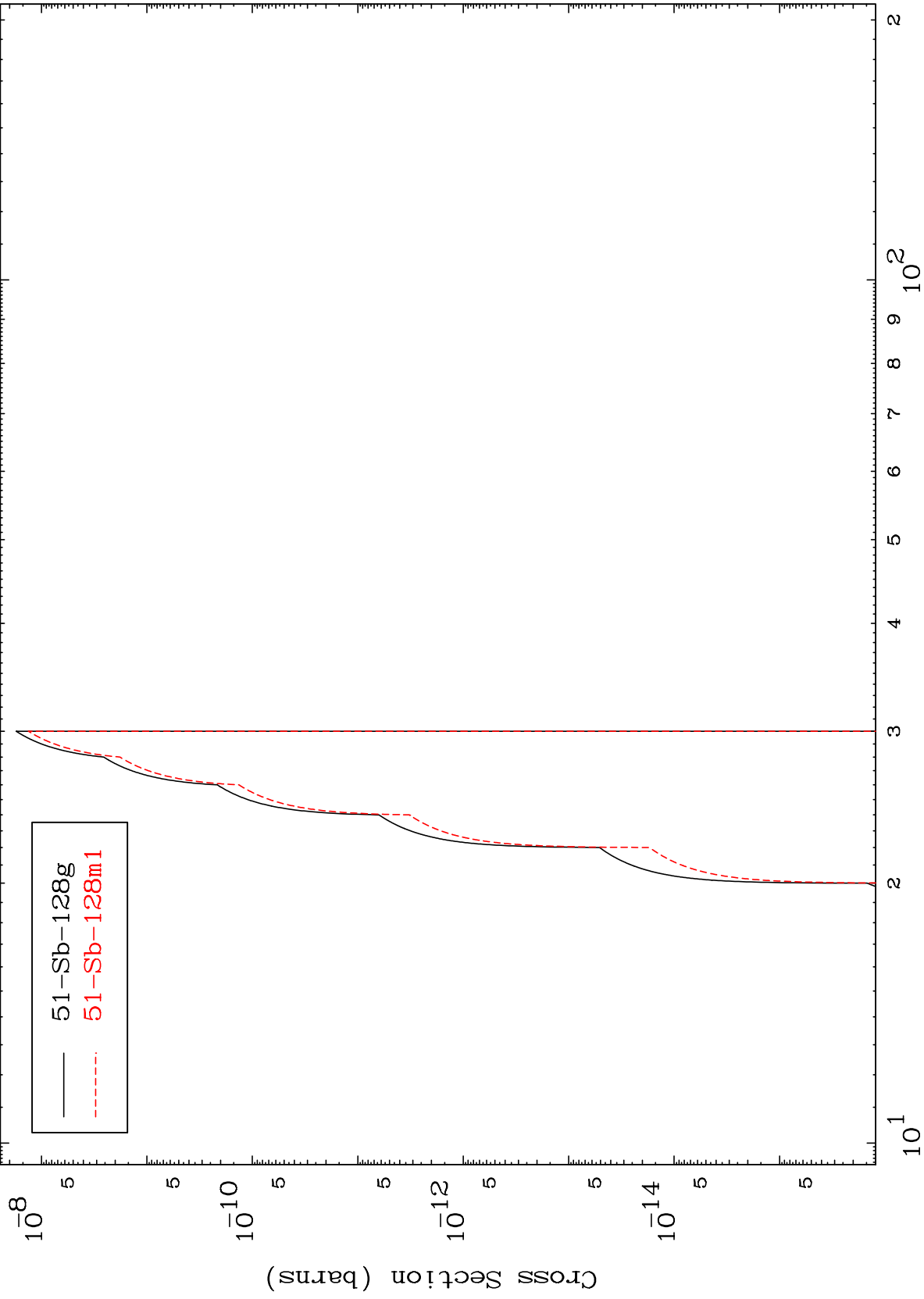
52-Te-129

MAT 5253

(α, p) α

52-Te-129

Radionuclide Production Cross Section



23

Incident Energy (MeV)

52-Te-129