

Program EVALPLOT
(Version 2018-1)

by

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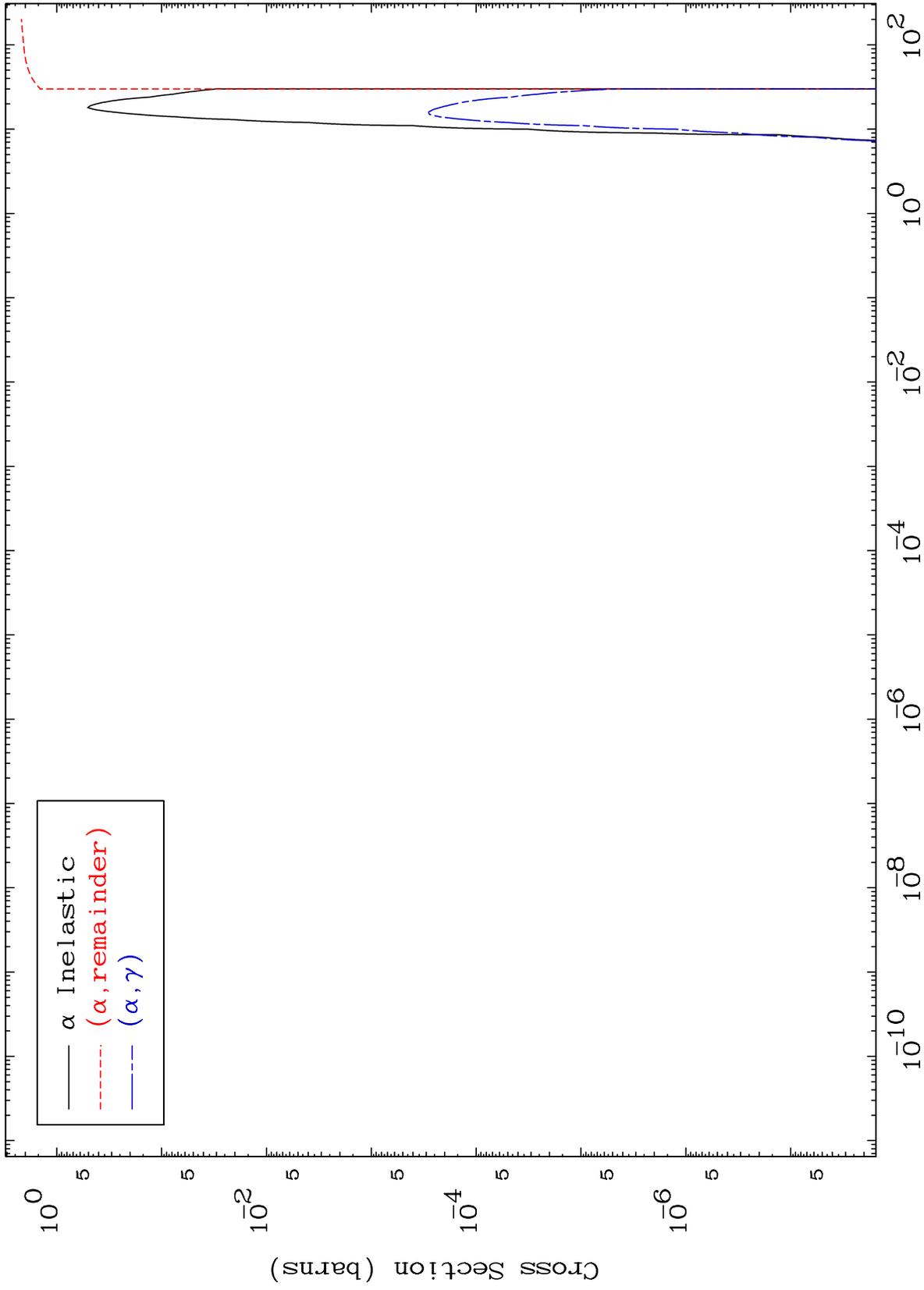
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5041

0 Kelvin α Major
Cross Sections

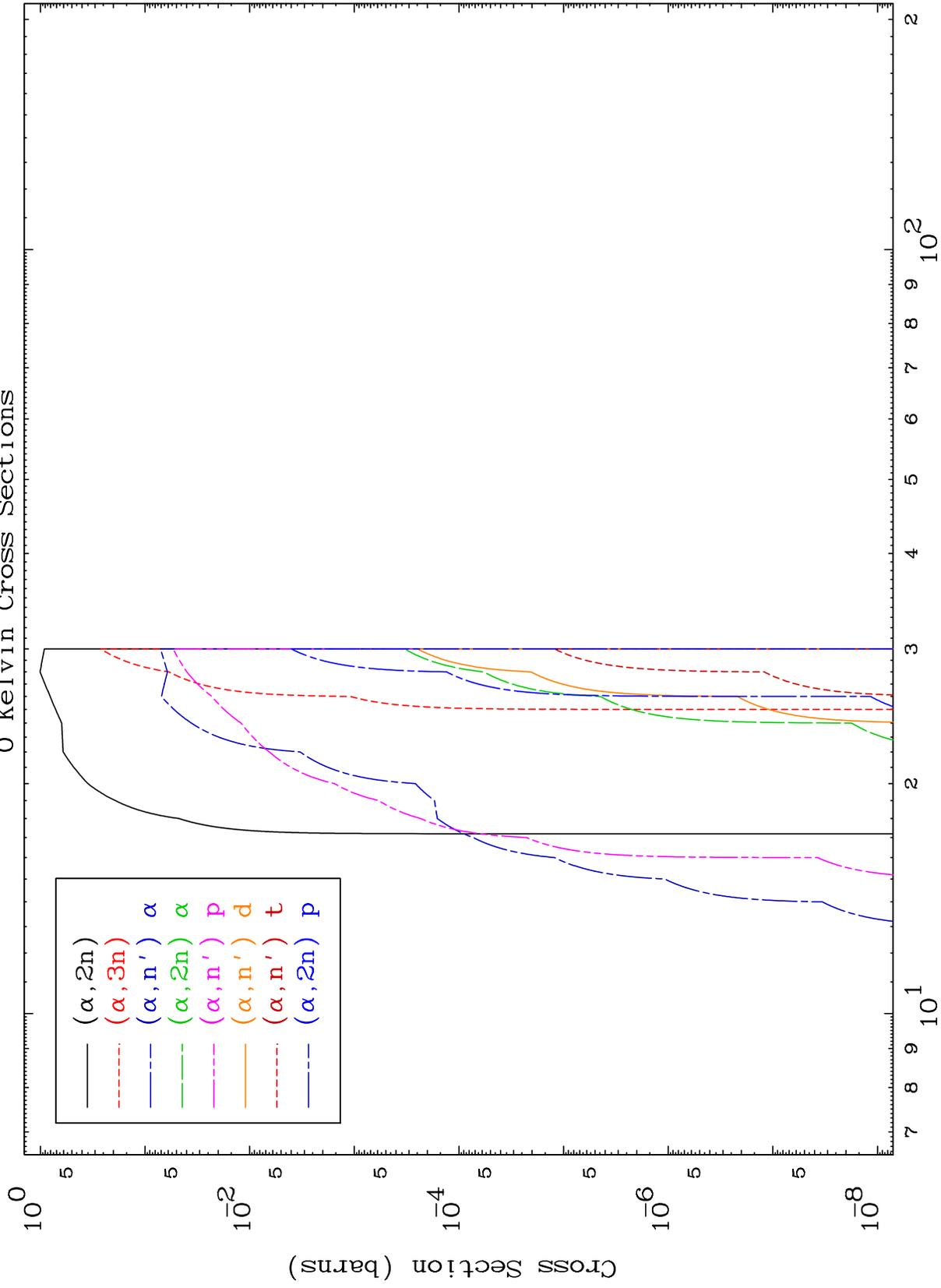
50-Sn-117



MAT 5041

α Neutron Production
0 Kelvin Cross Sections

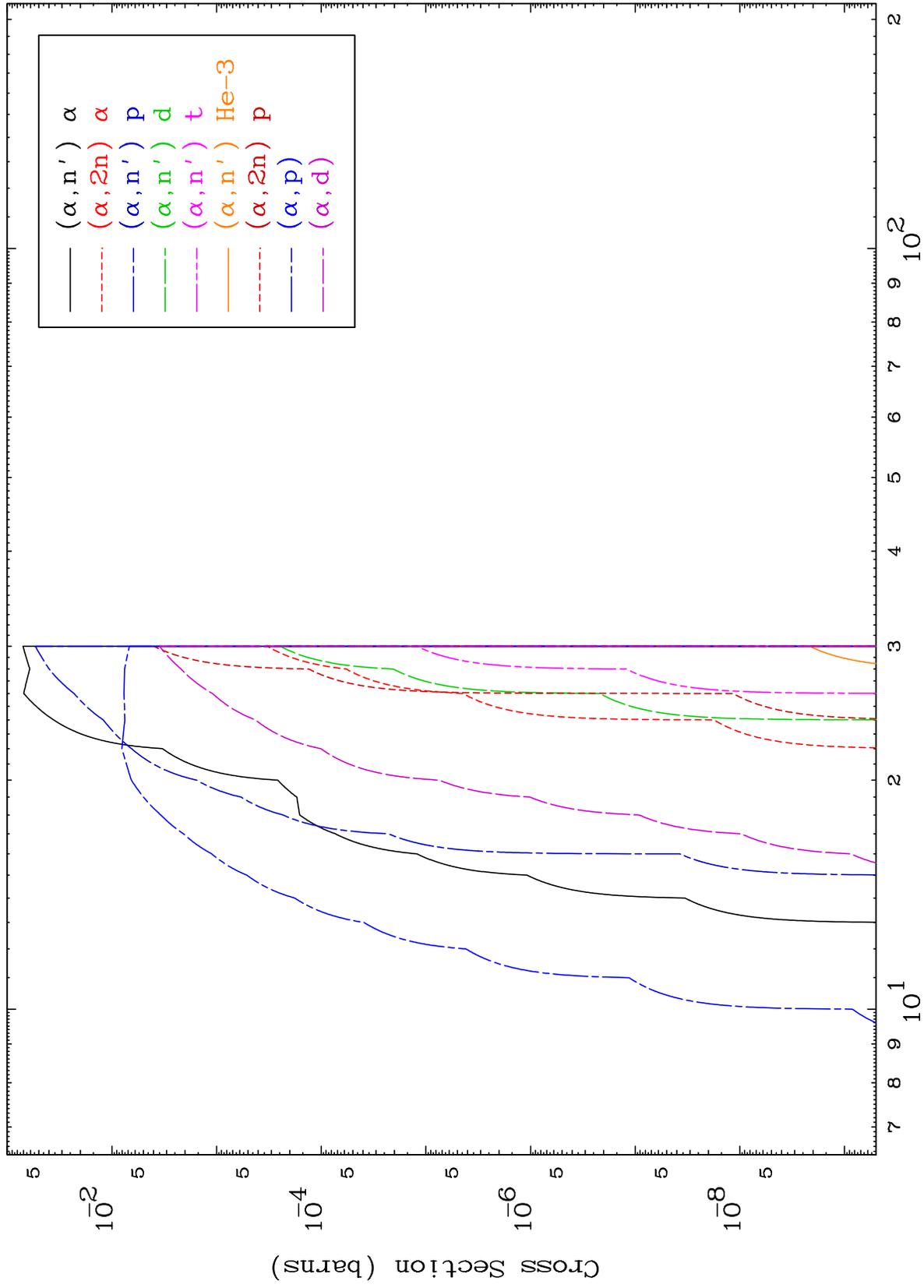
50-Sn-117



2

Incident Energy (MeV)

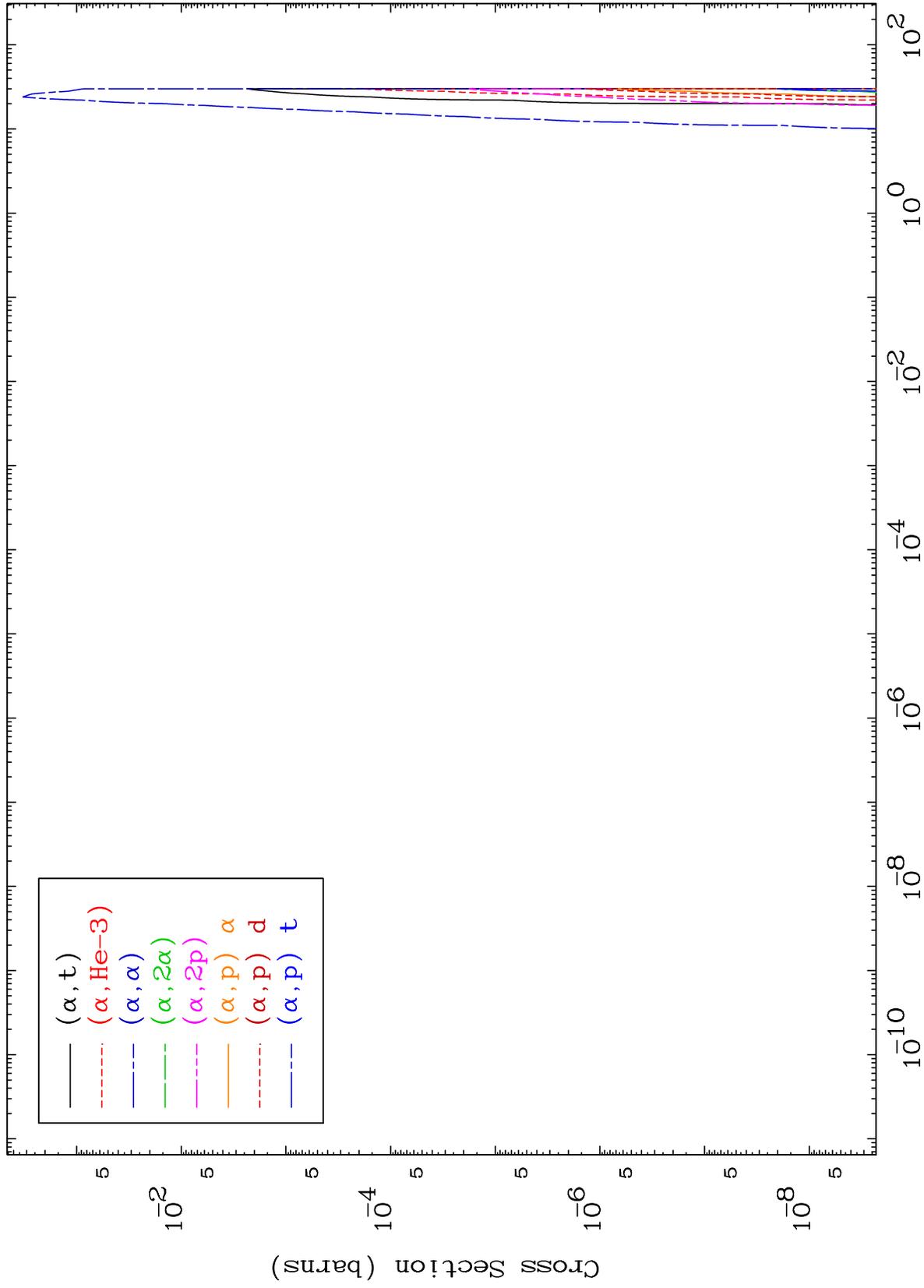
50-Sn-117



MAT 5041

α Charged Particle
0 Kelvin Cross Sections

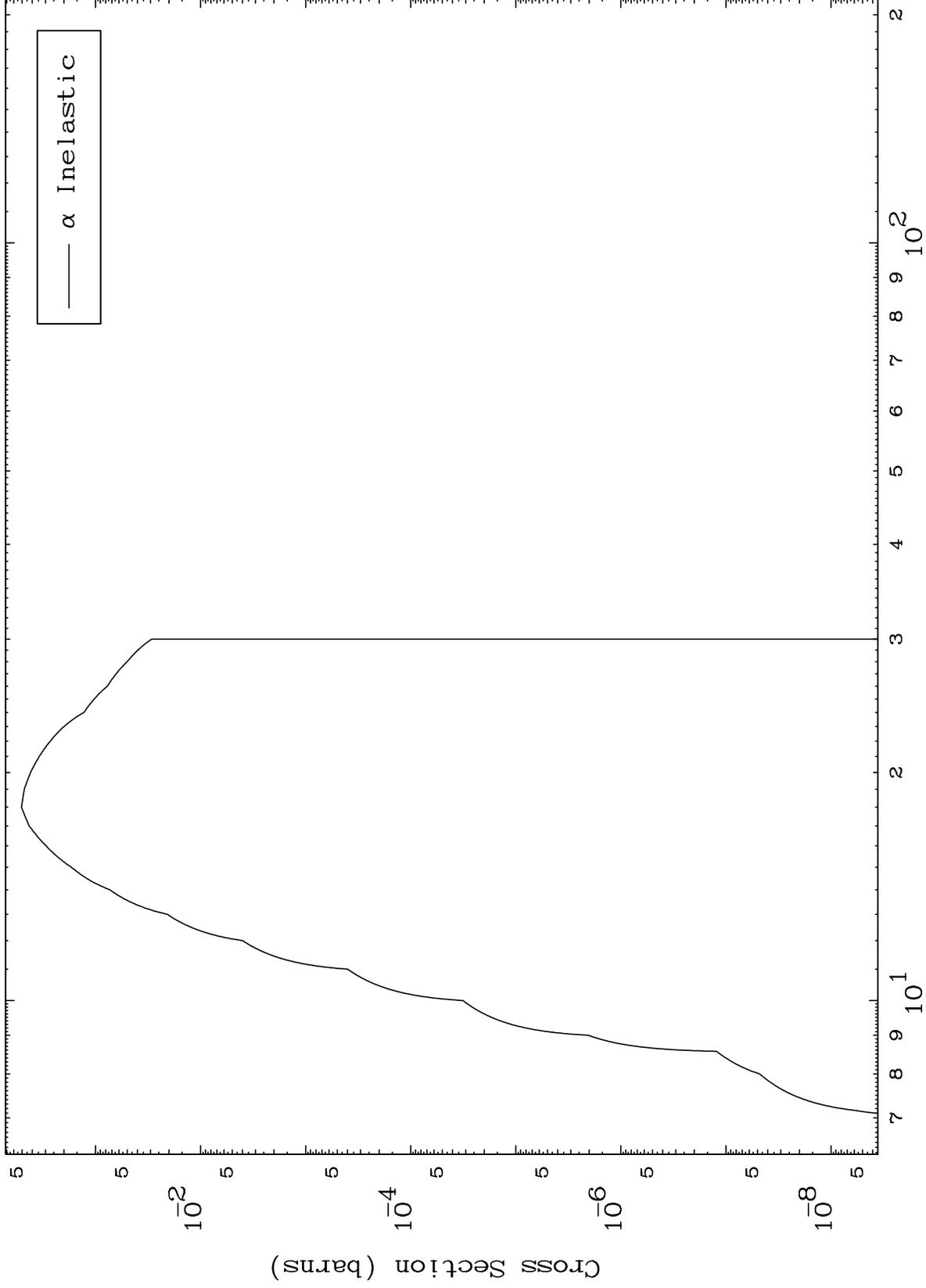
50-Sn-117



MAT 5041

(α, n') Level
0 Kelvin Cross Sections

50-Sn-117



5

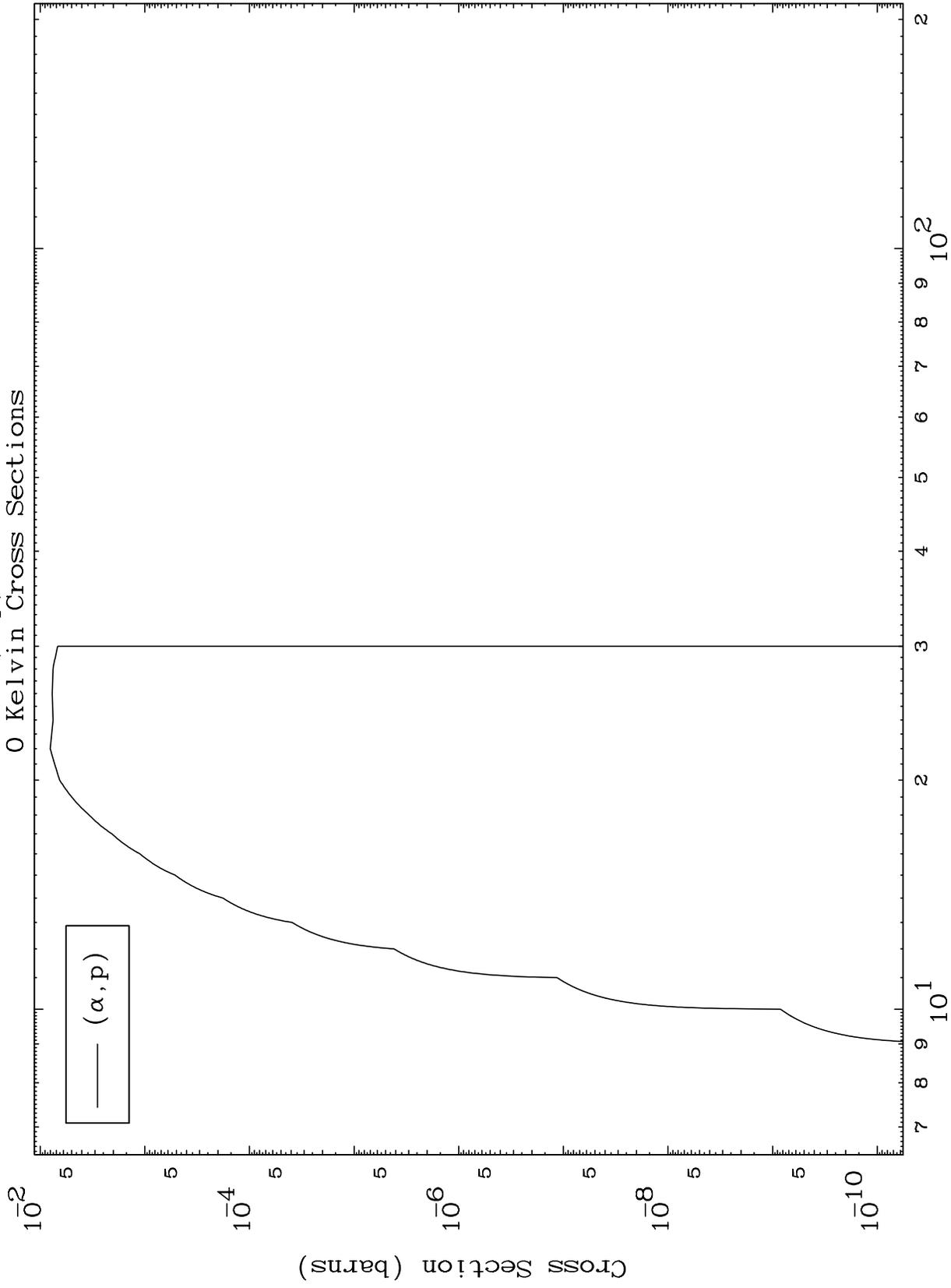
Incident Energy (MeV)

50-Sn-117

MAT 5041

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-117

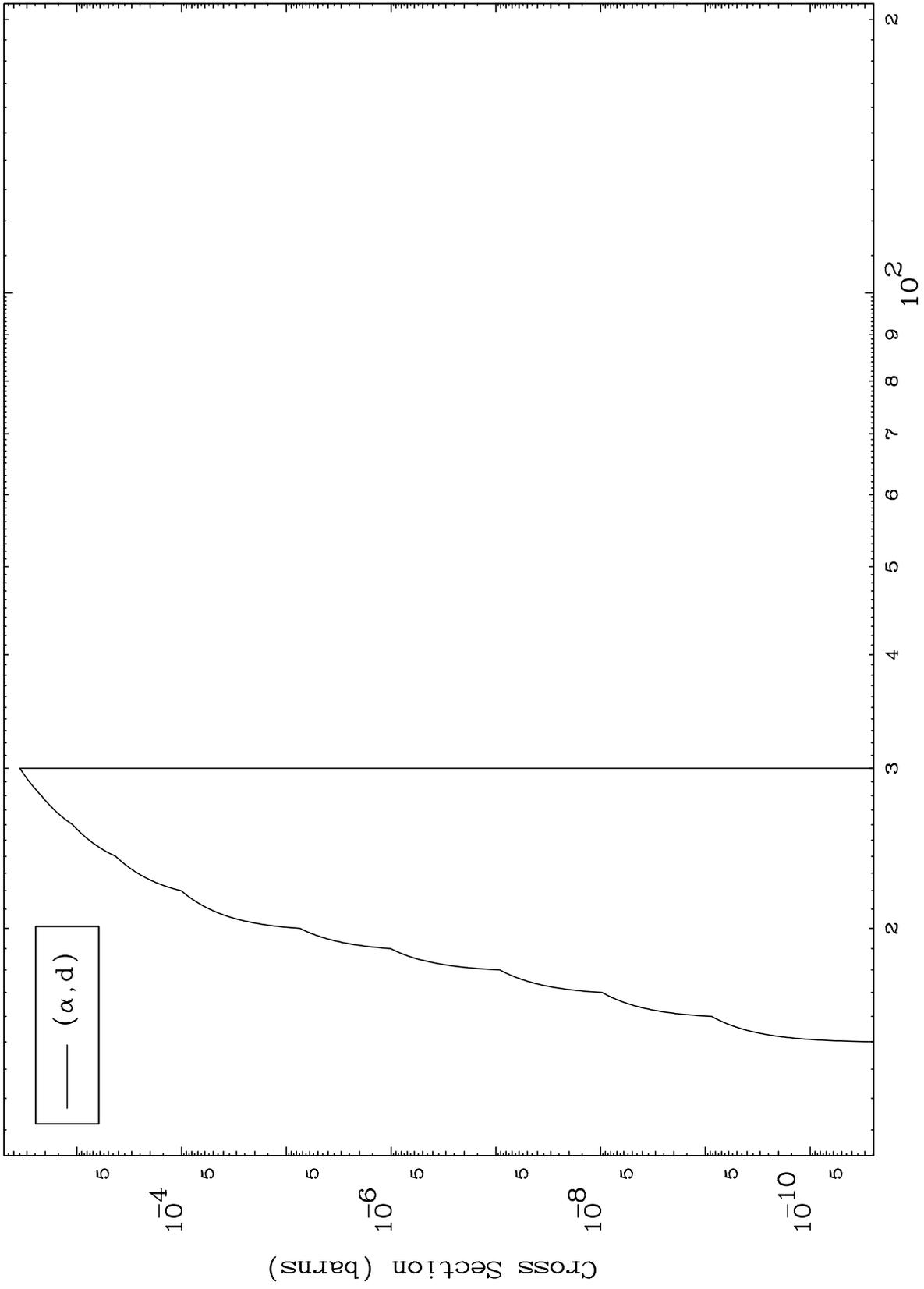


50-Sn-117

MAT 5041

(α, d) Levels
0 Kelvin Cross Sections

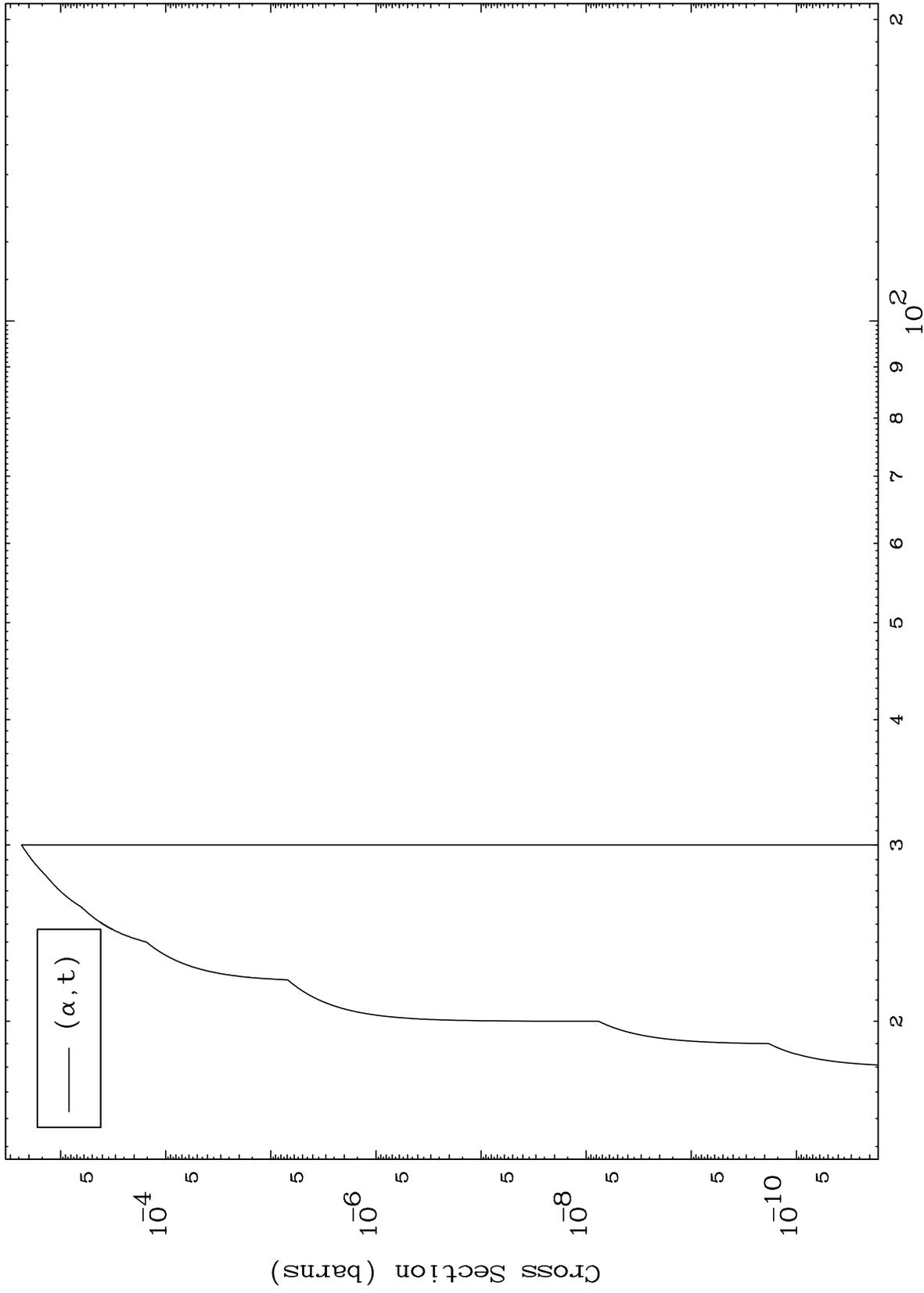
50-Sn-117



MAT 5041

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-117



8

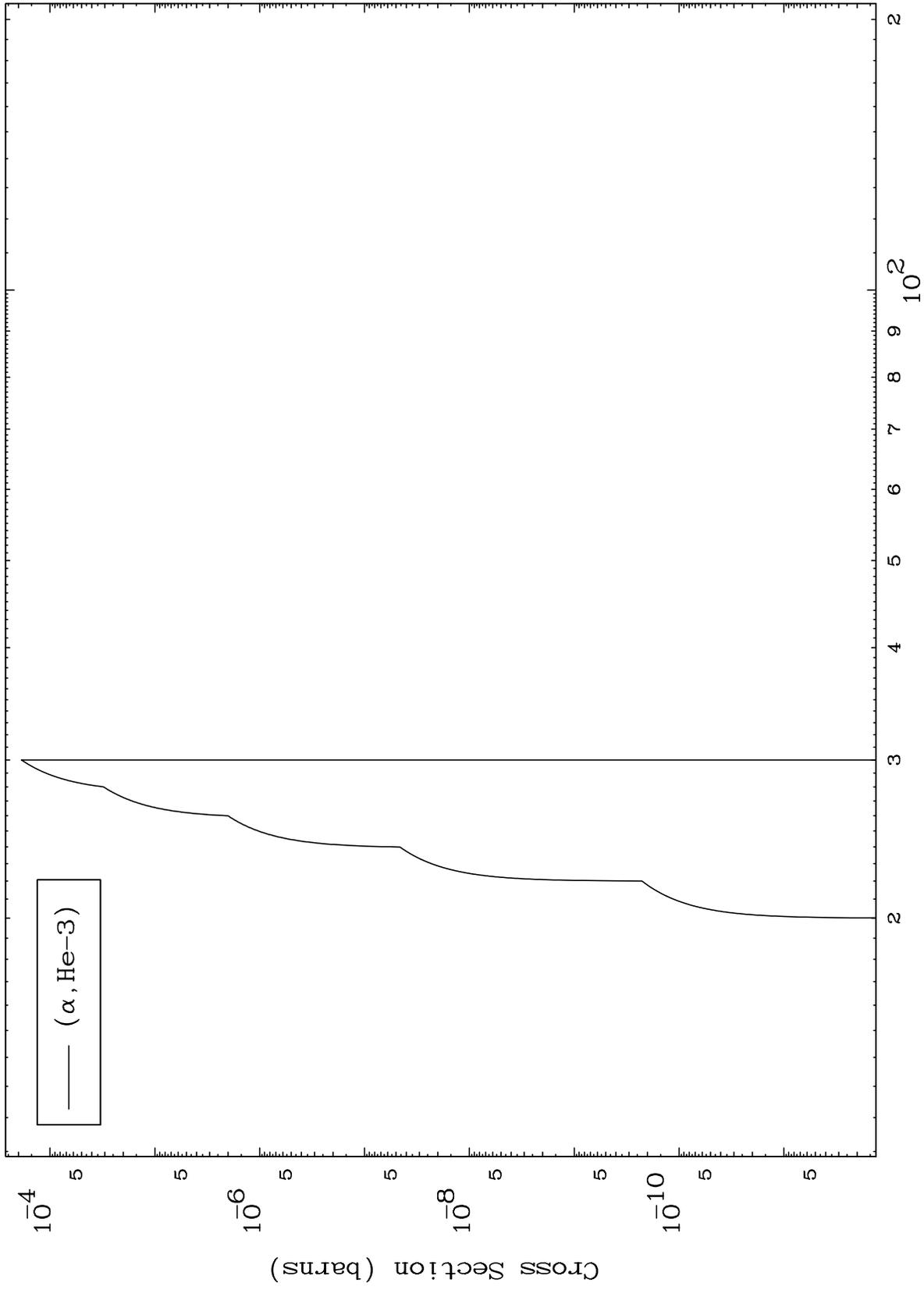
Incident Energy (MeV)

50-Sn-117

MAT 5041

(α ,He3) Levels
0 Kelvin Cross Sections

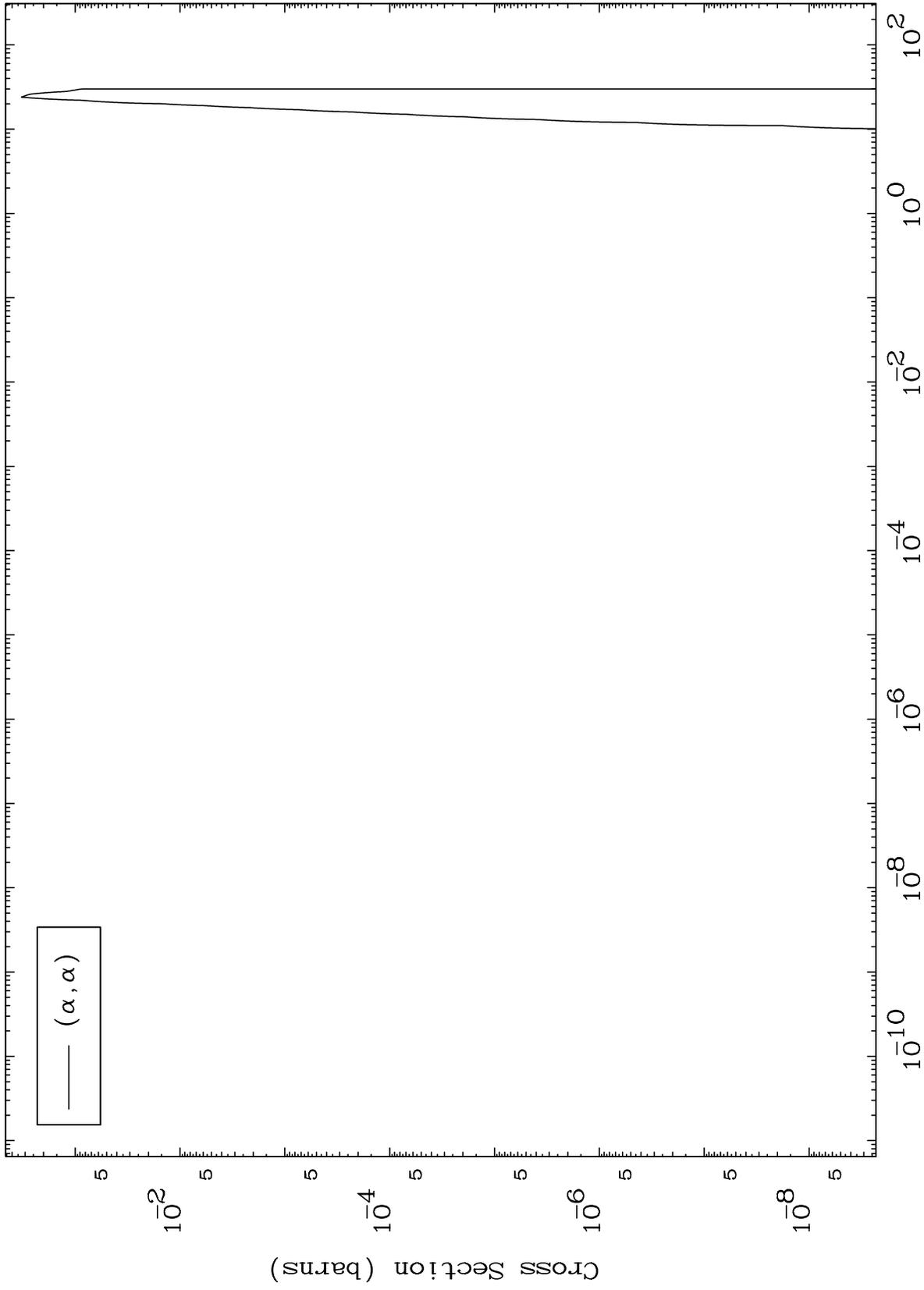
50-Sn-117



MAT 5041

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-117



10

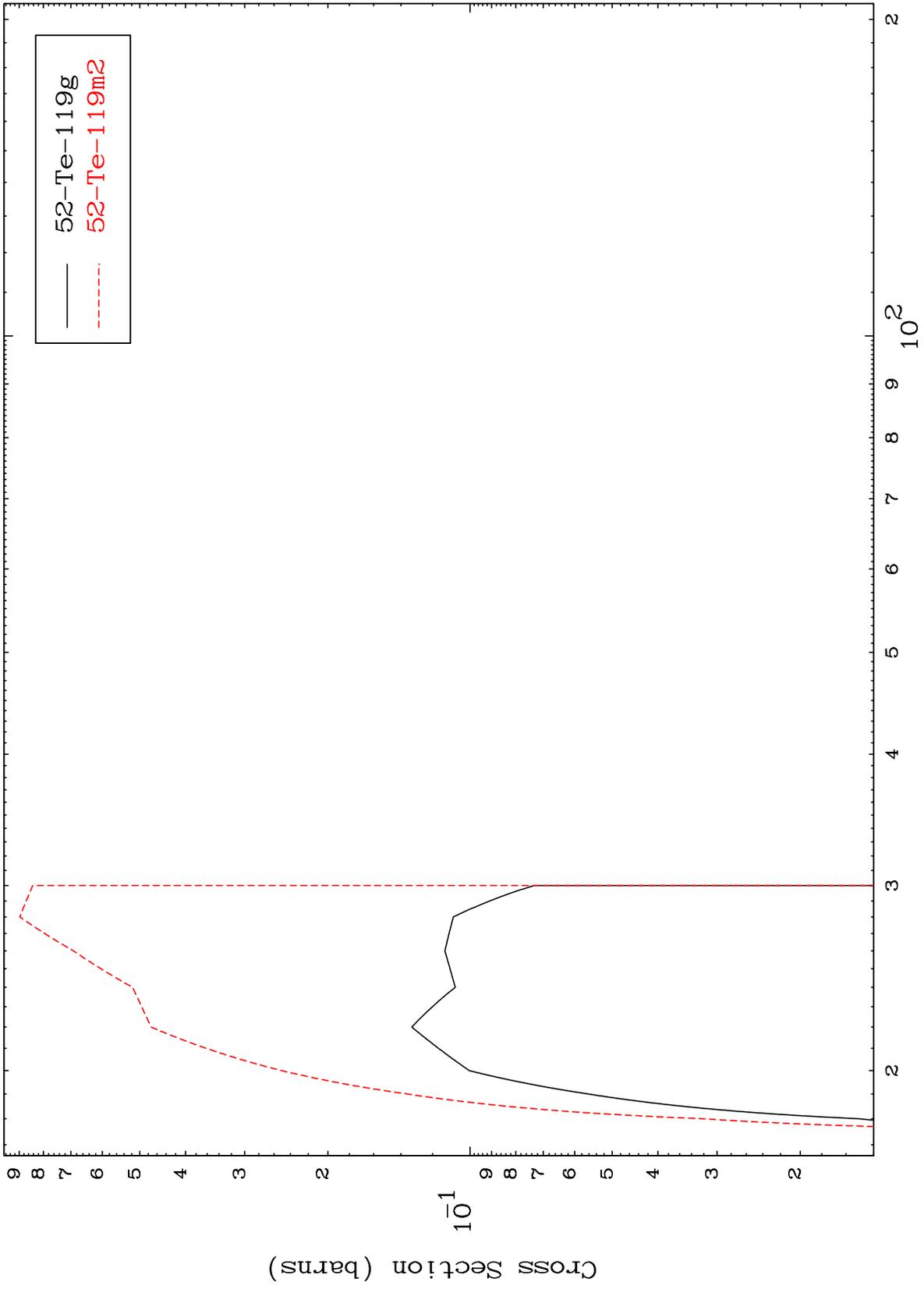
Incident Energy (MeV)

50-Sn-117

MAT 5041

50-Sn-117

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



— 52-Te-119g
- - - 52-Te-119m2

11

Incident Energy (MeV)

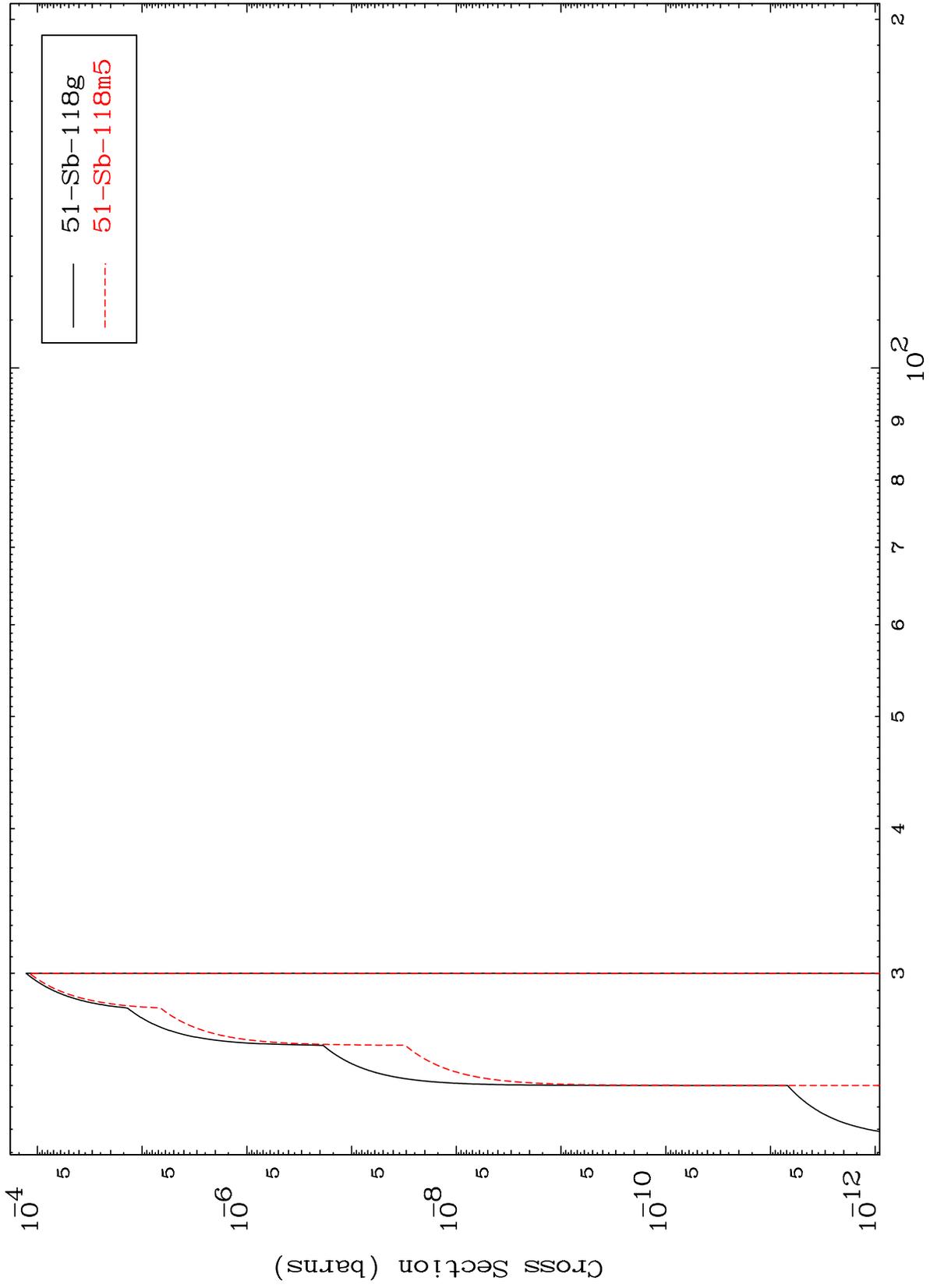
50-Sn-117

MAT 5041

(α, n') d

50-Sn-117

Radionuclide Production Cross Section



12

Incident Energy (MeV)

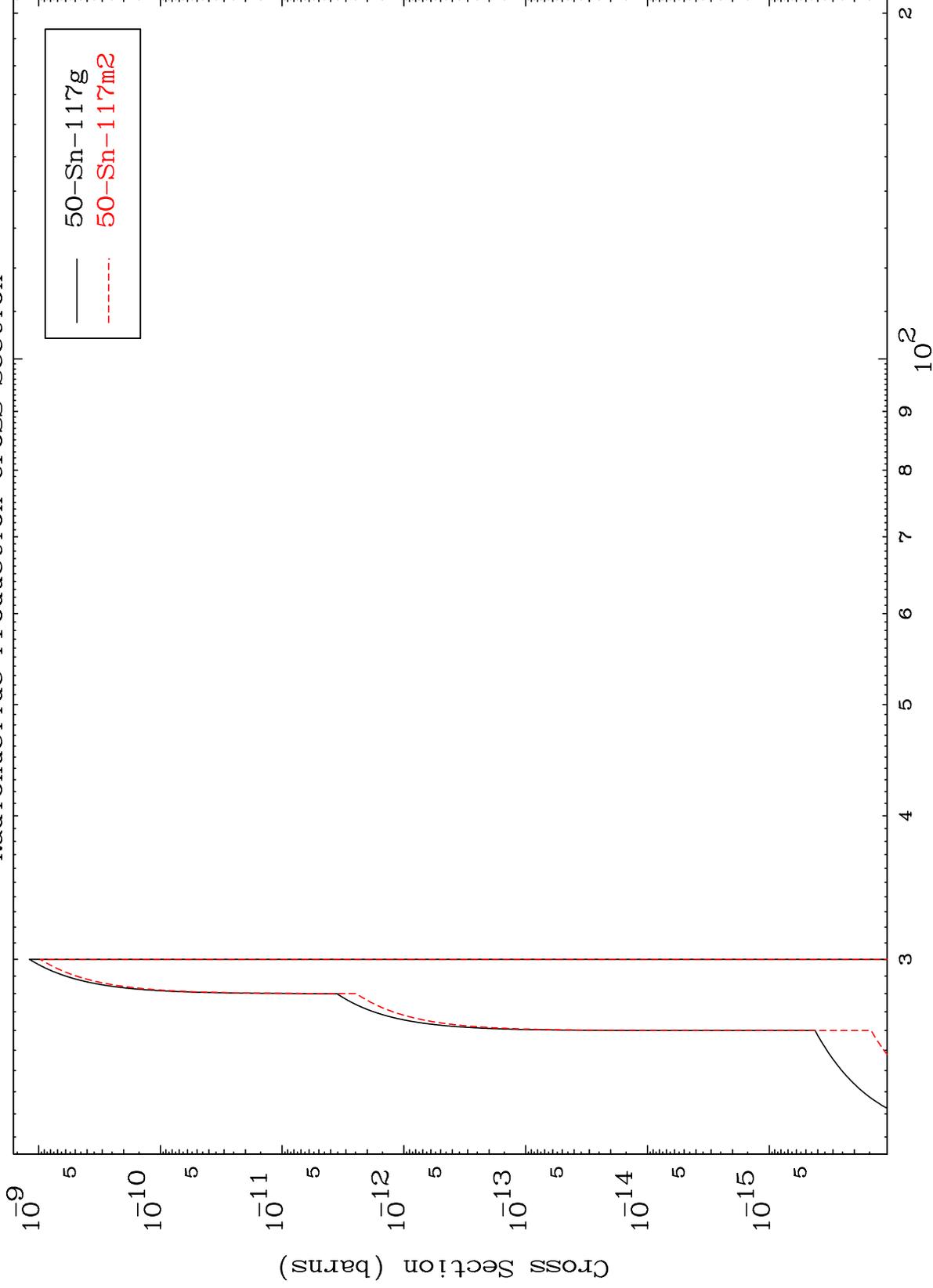
50-Sn-117

MAT 5041

(α, n') He-3

50-Sn-117

Radionuclide Production Cross Section



13

Incident Energy (MeV)

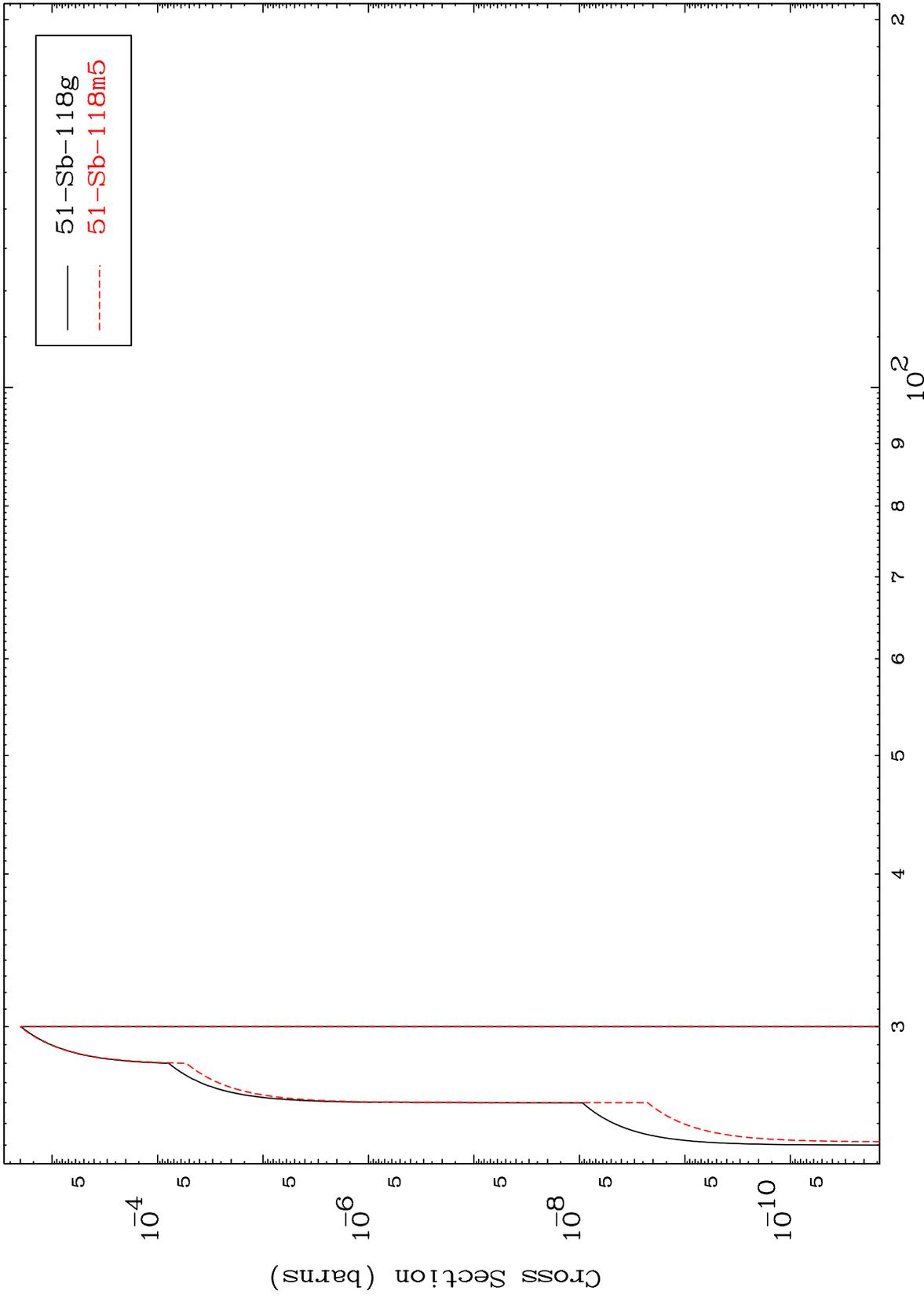
50-Sn-117

MAT 5041

($\alpha, 2n$) p

50-Sn-117

Radionuclide Production Cross Section



14

Incident Energy (MeV)

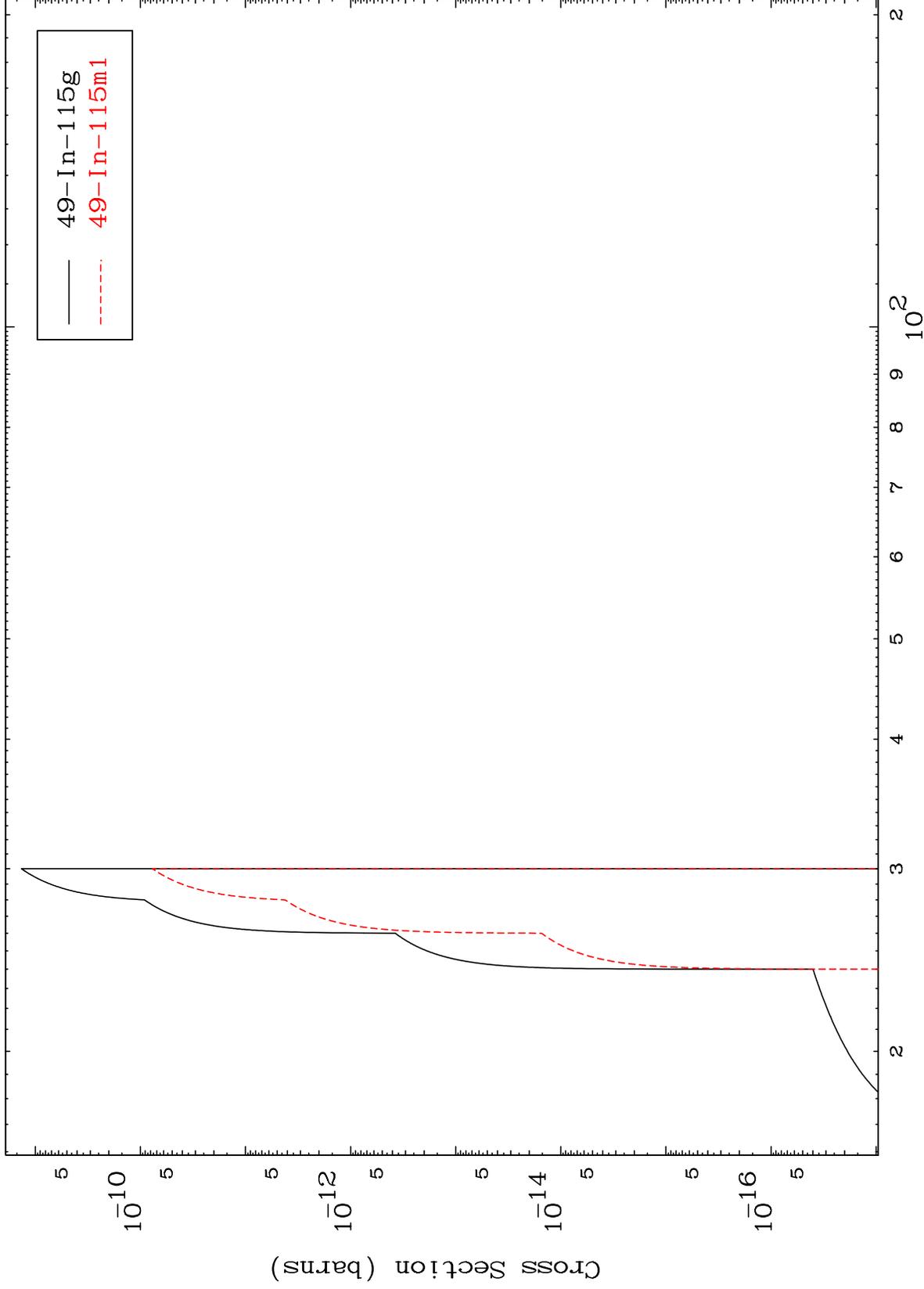
50-Sn-117

MAT 5041

(α, n') p α

50-Sn-117

Radionuclide Production Cross Section



15

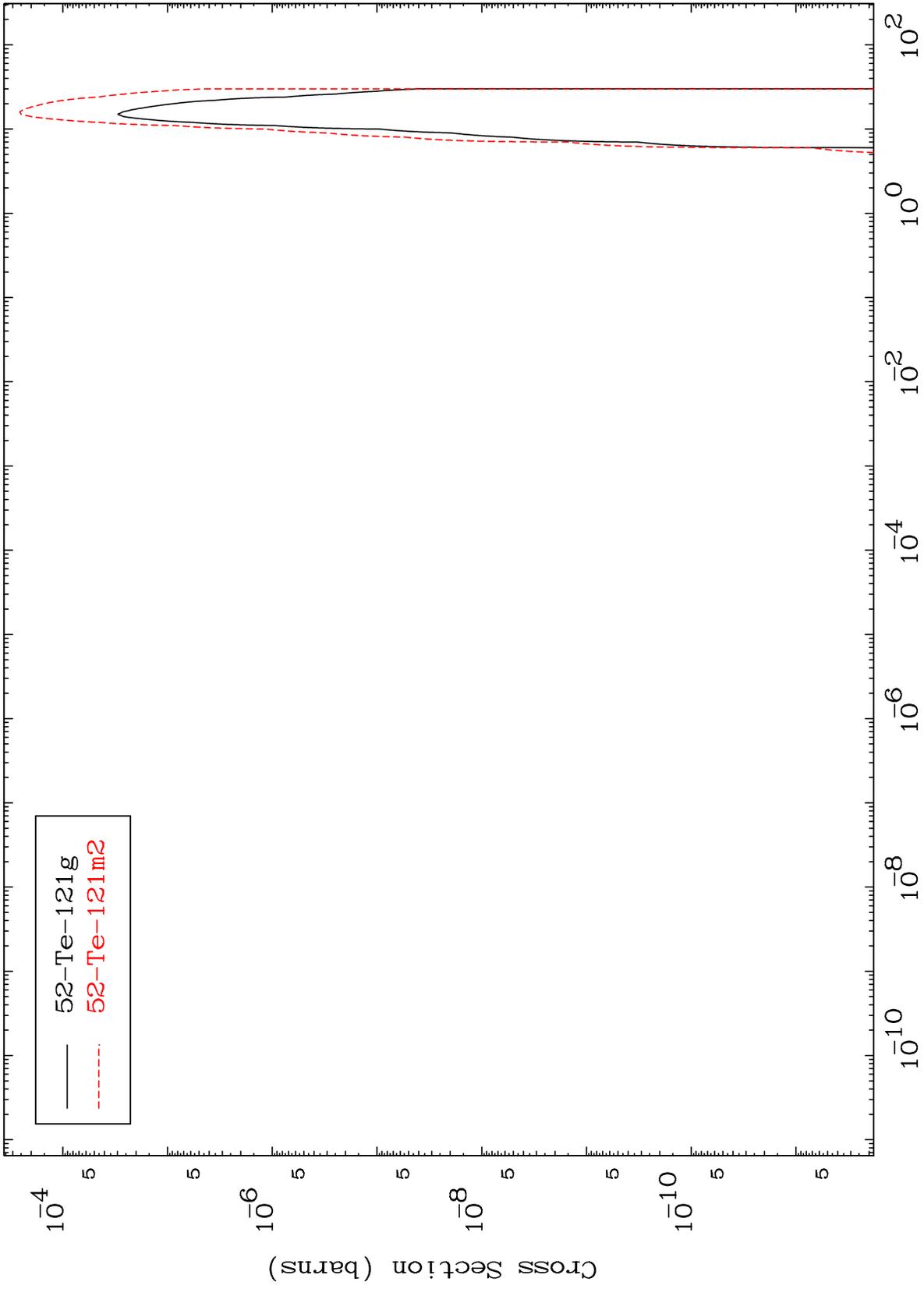
Incident Energy (MeV)

50-Sn-117

MAT 5041

Radionuclide Production Cross Section
(α, γ)

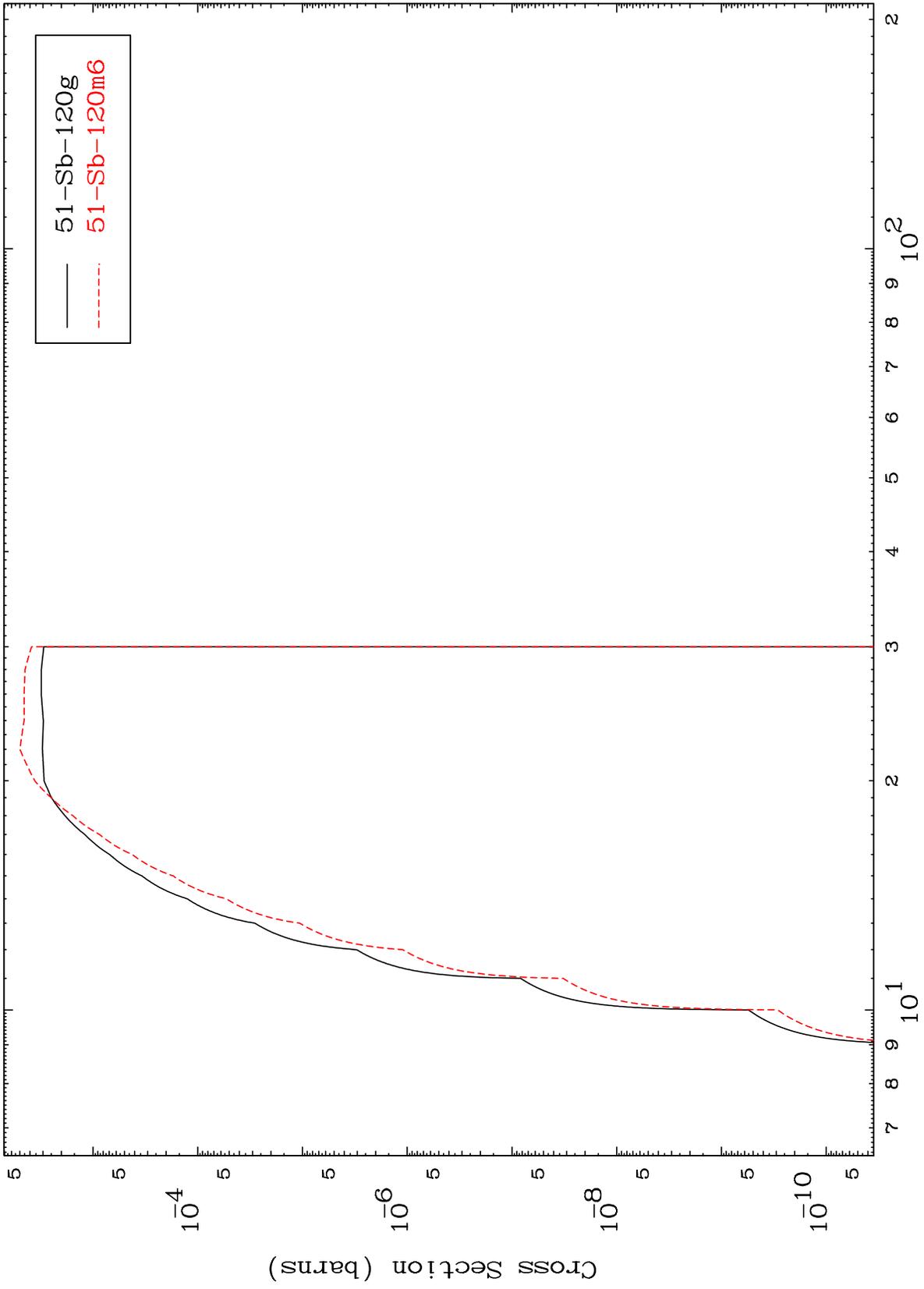
50-Sn-117



MAT 5041

50-Sn-117

(α, p)
Radionuclide Production Cross Section



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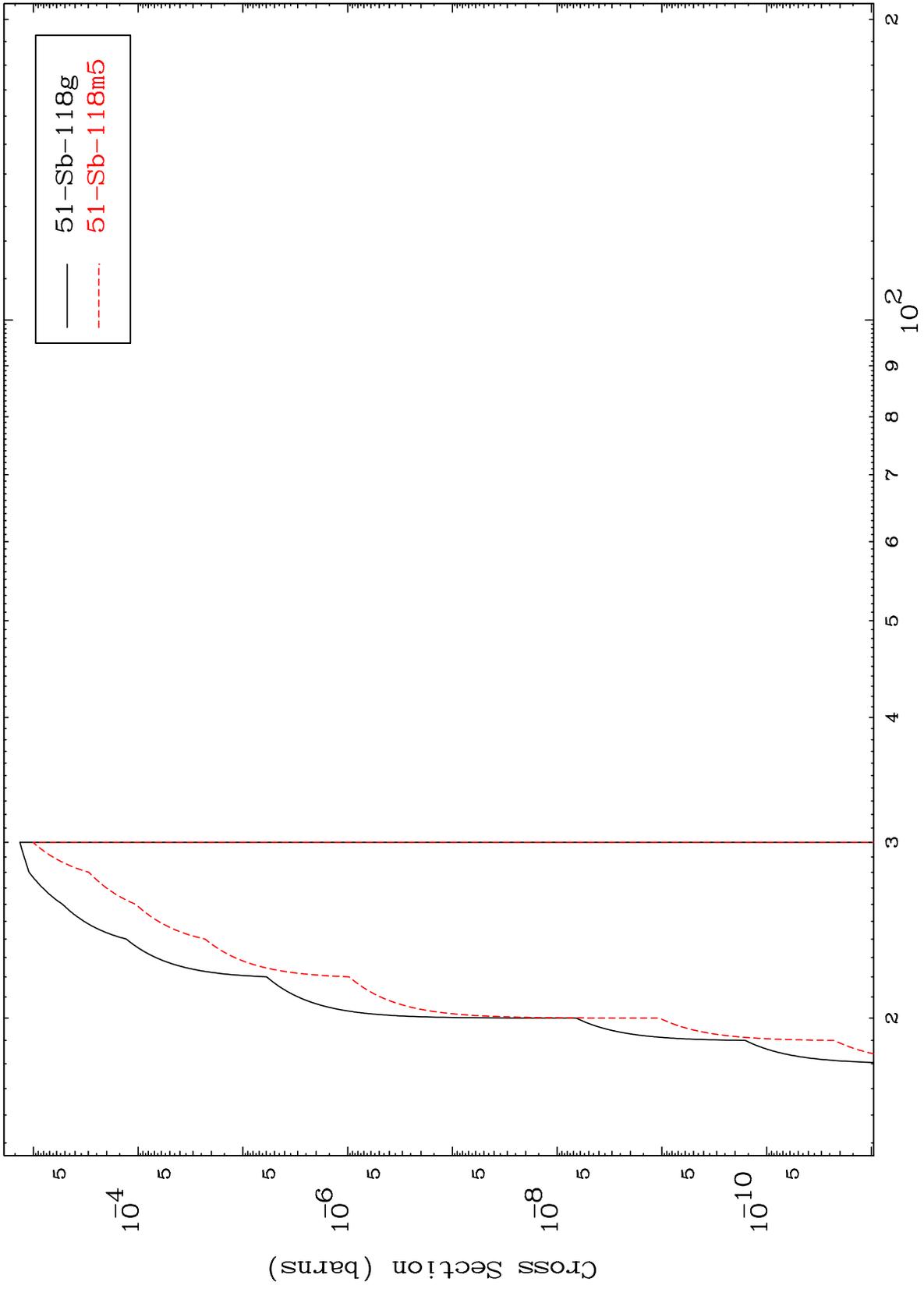
Incident Energy (MeV)

50-Sn-117

MAT 5041

50-Sn-117

(α, t)
Radionuclide Production Cross Section



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Incident Energy (MeV)

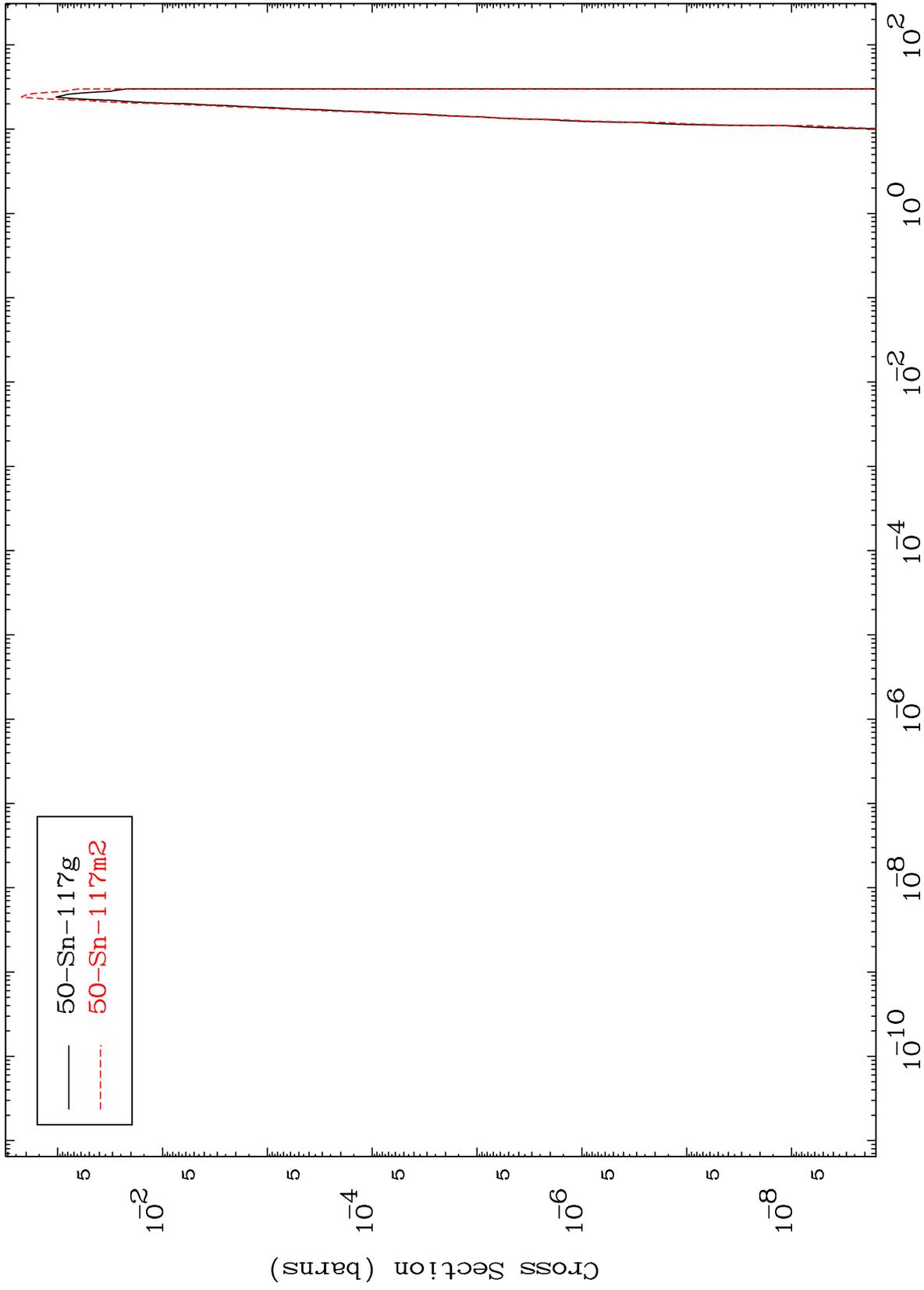
50-Sn-117

MAT 5041

(α, α)

50-Sn-117

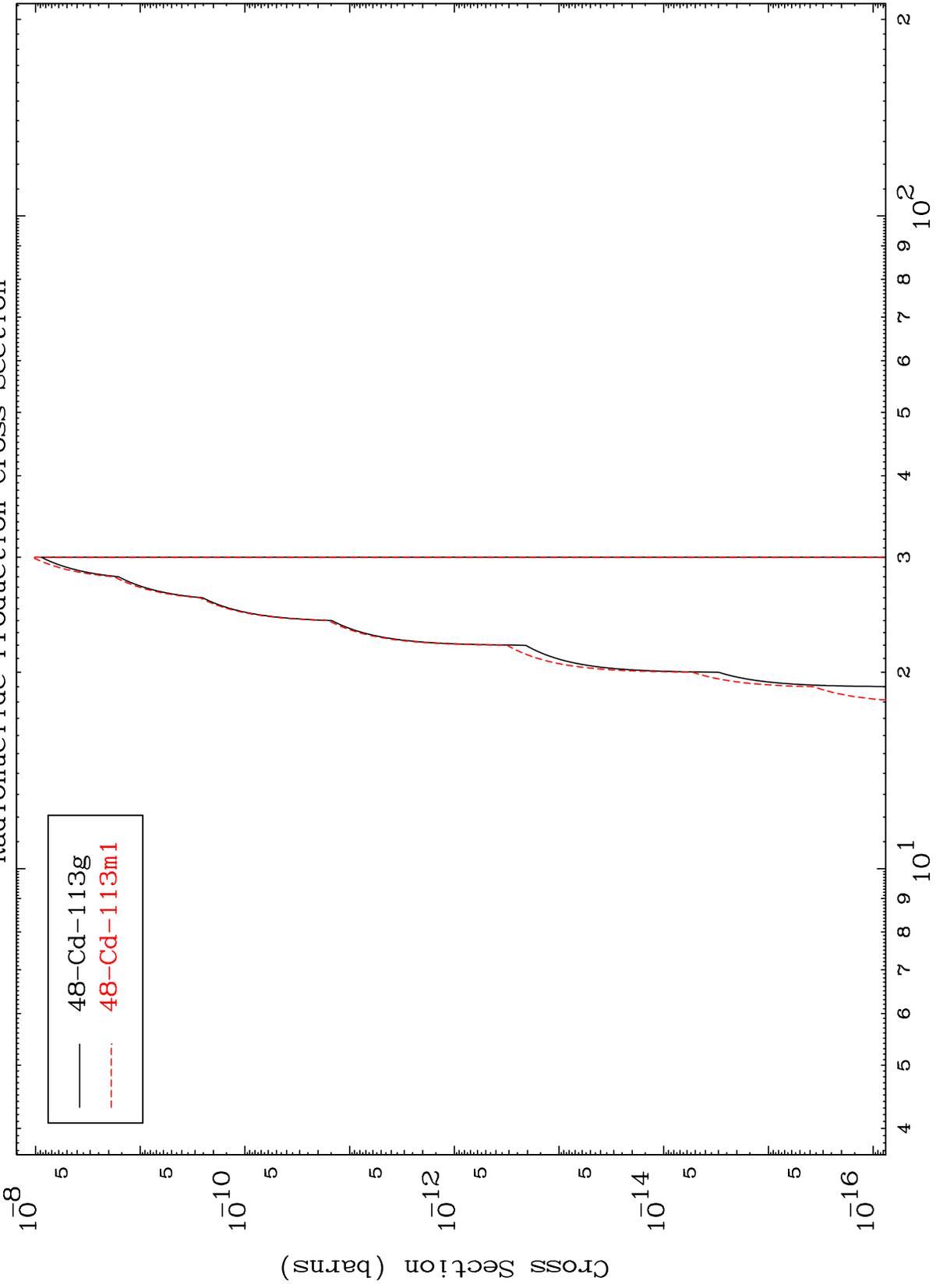
Radionuclide Production Cross Section



MAT 5041

50-Sn-117

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



48-Cd-113g
48-Cd-113m1

20

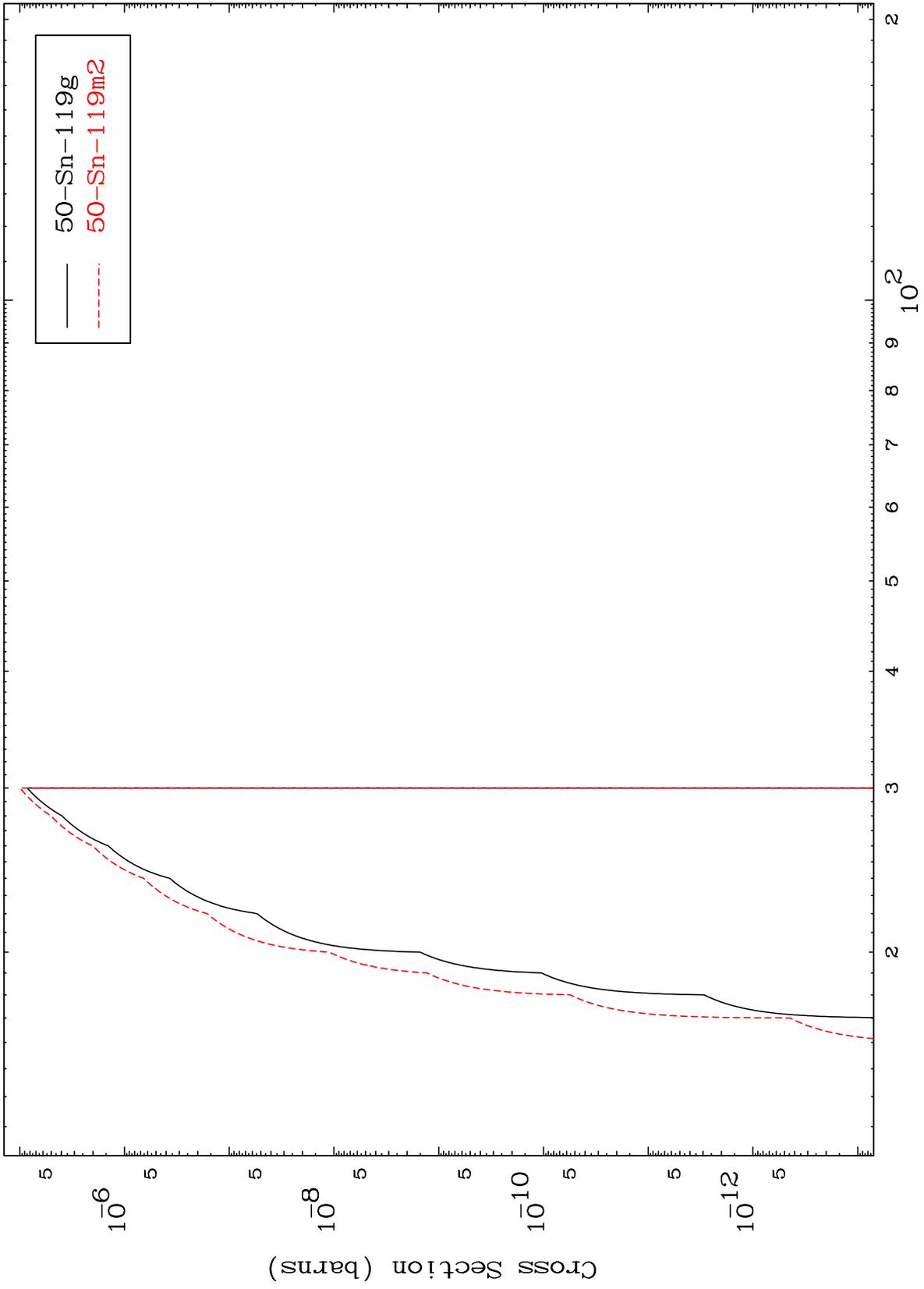
Incident Energy (MeV)

50-Sn-117

MAT 5041

50-Sn-117

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



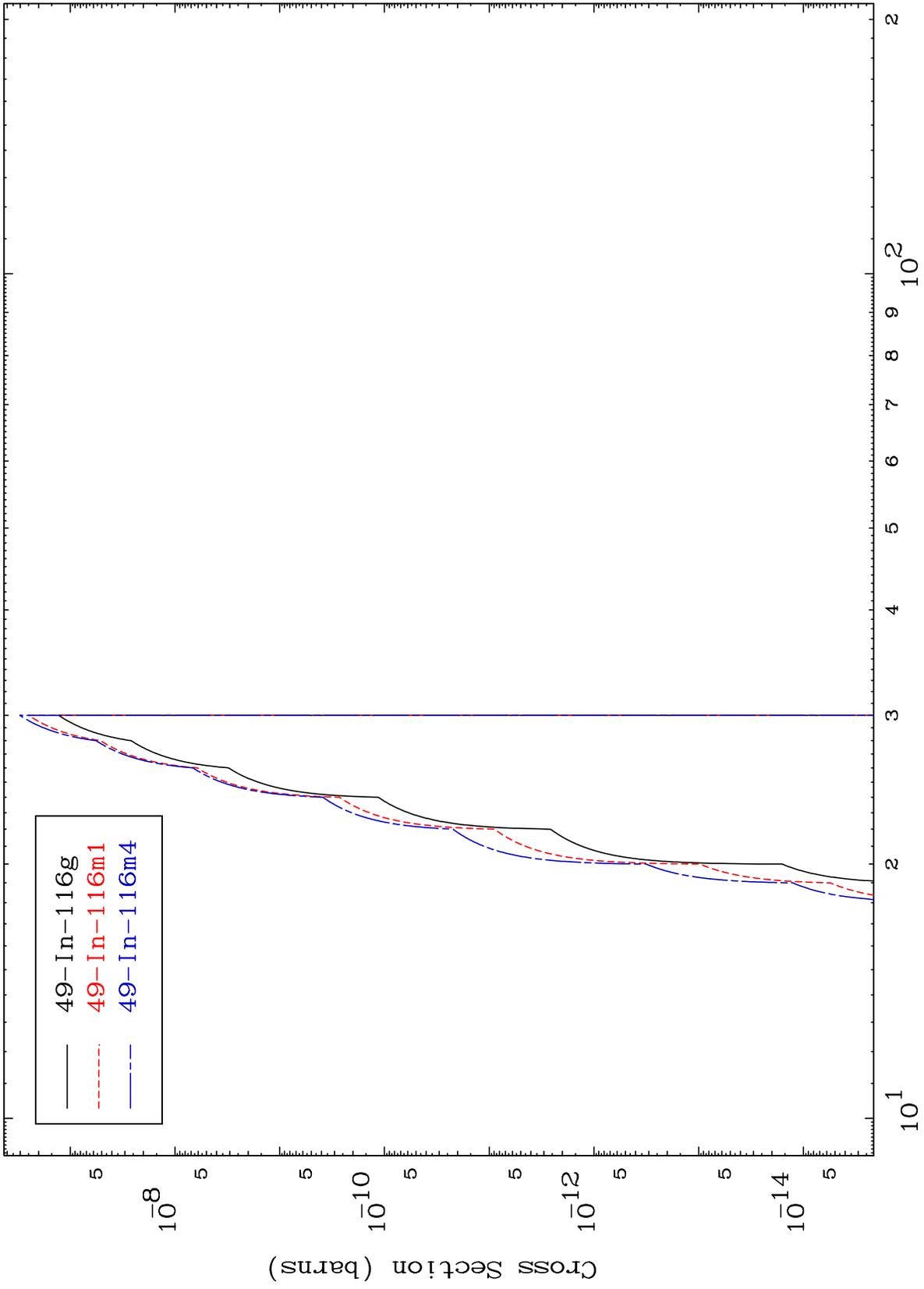
21

50-Sn-117

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50-Sn-117

(α, p) α
Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

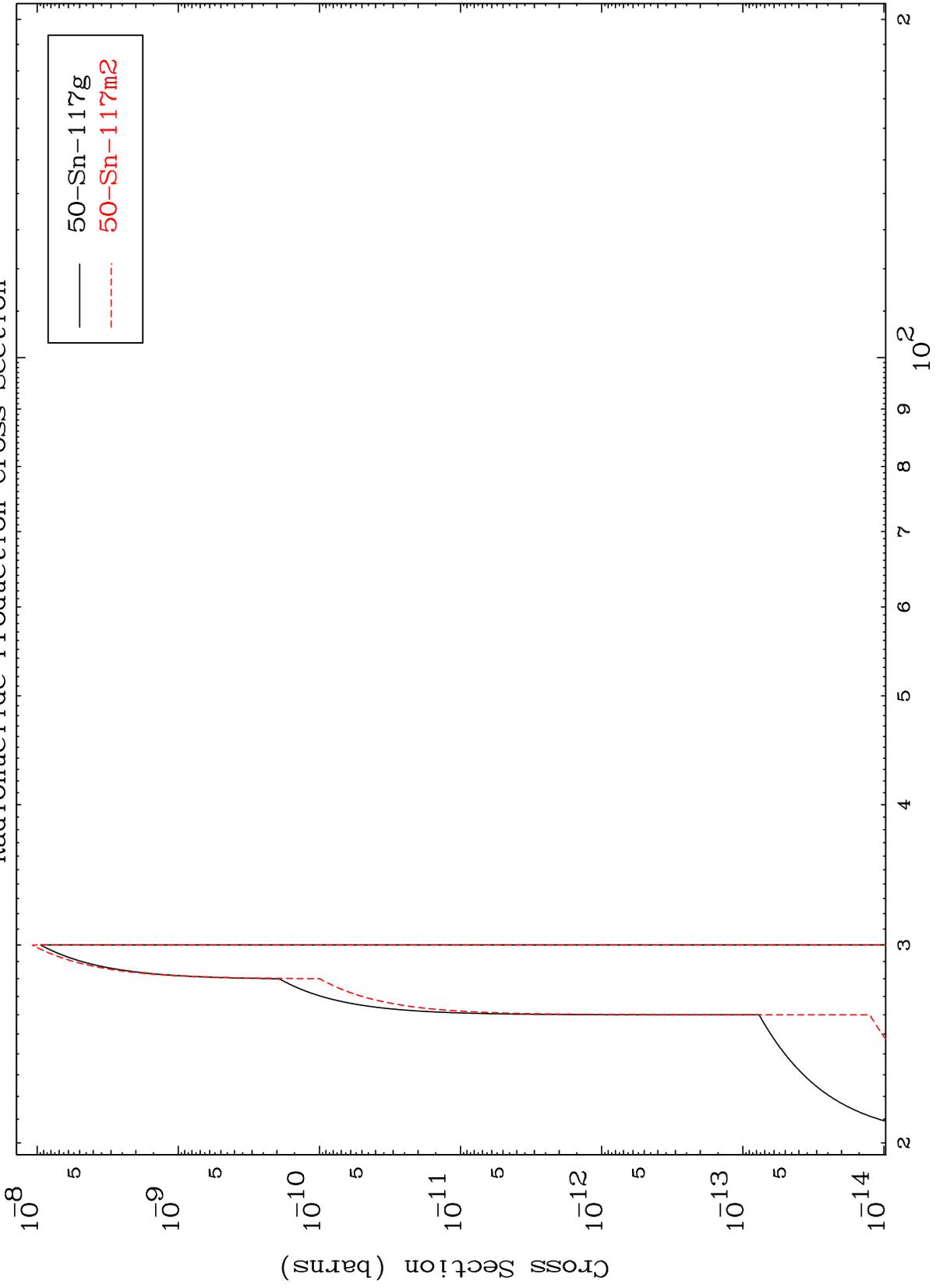
22

MAT 5041

(α, p) t

50-Sn-117

Radionuclide Production Cross Section



23

Incident Energy (MeV)

50-Sn-117