

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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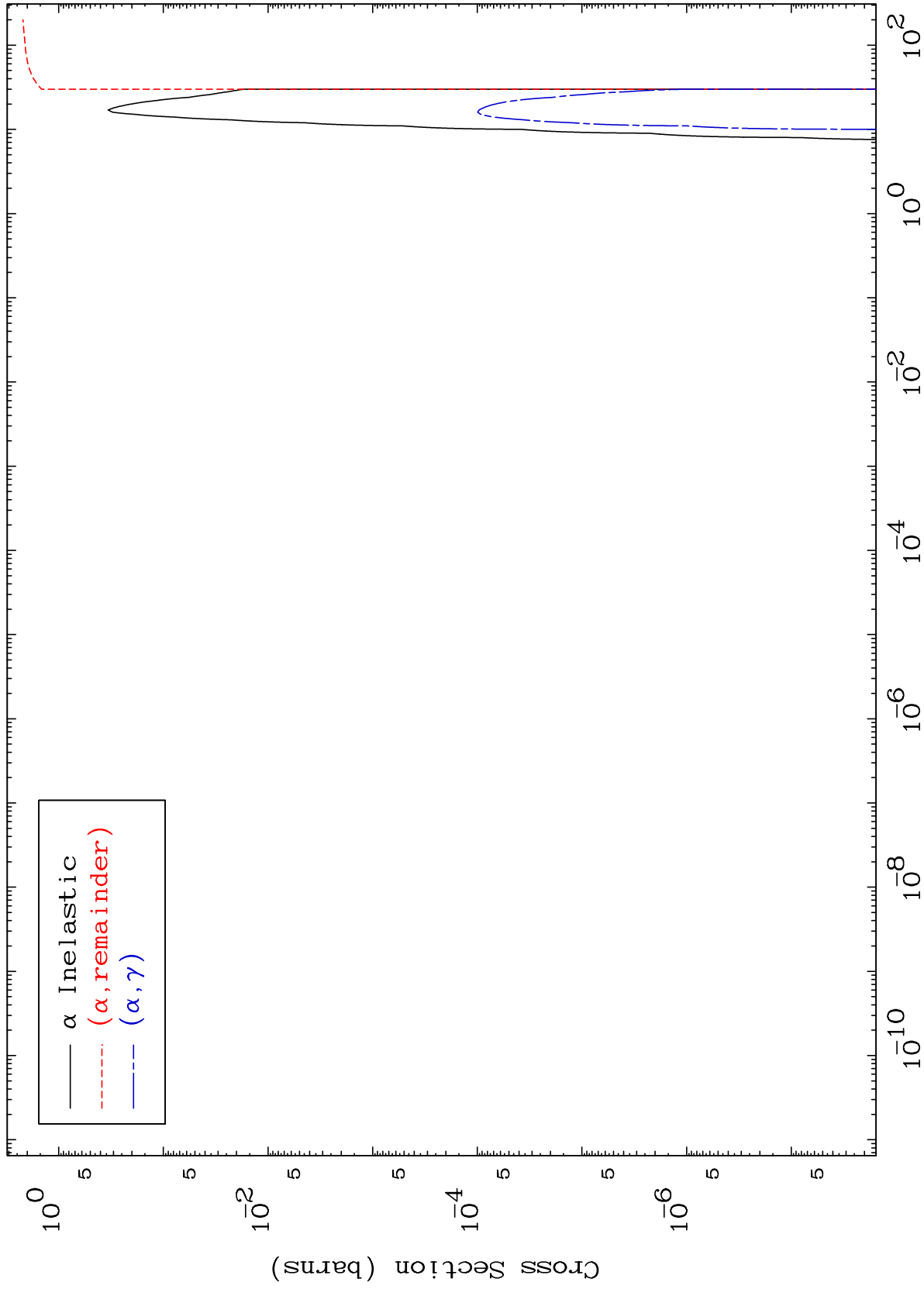
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5047

0 Kelvin α Major

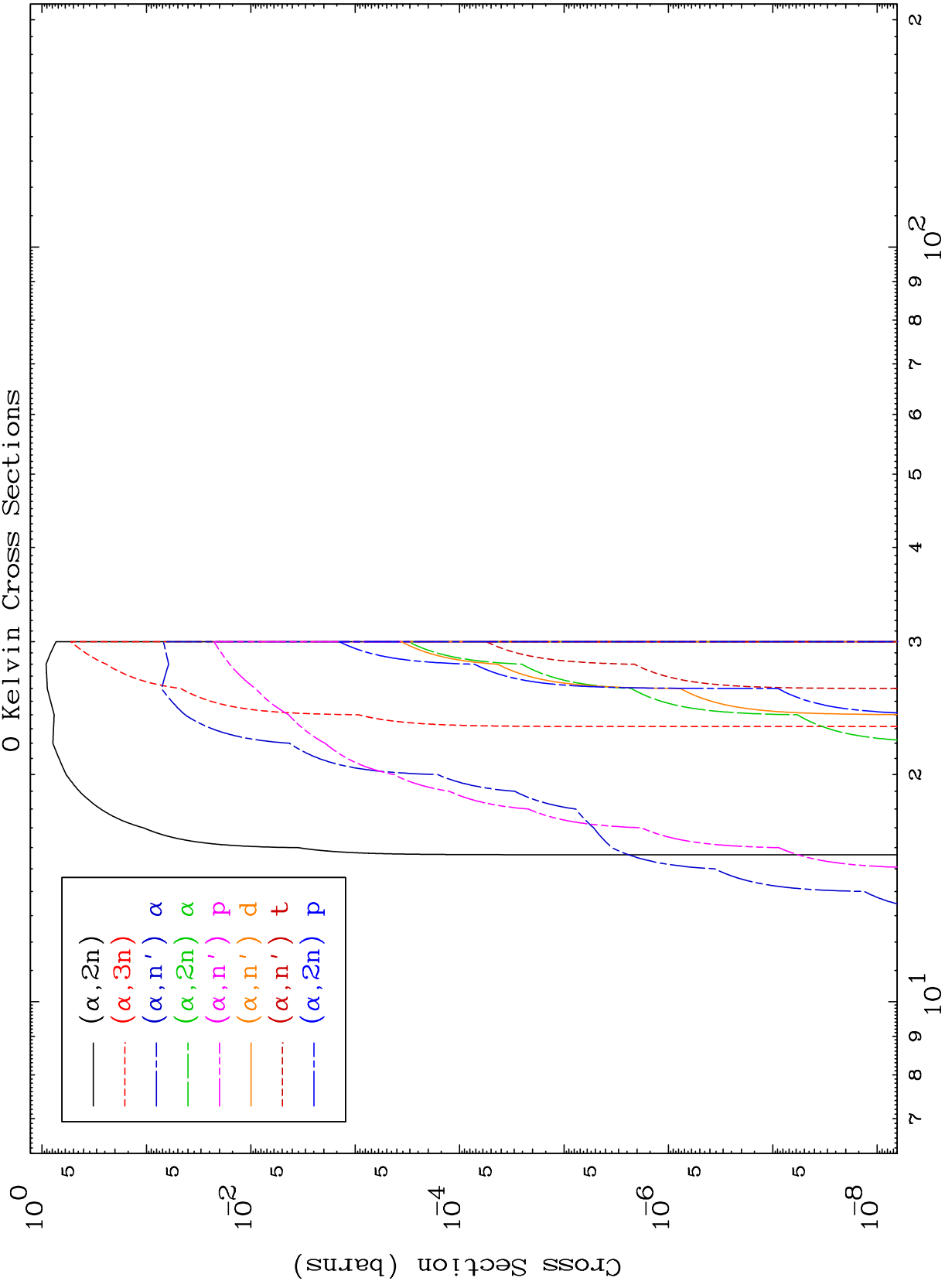
50-Sn-119



MAT 5047

α Neutron Production
0 Kelvin Cross Sections

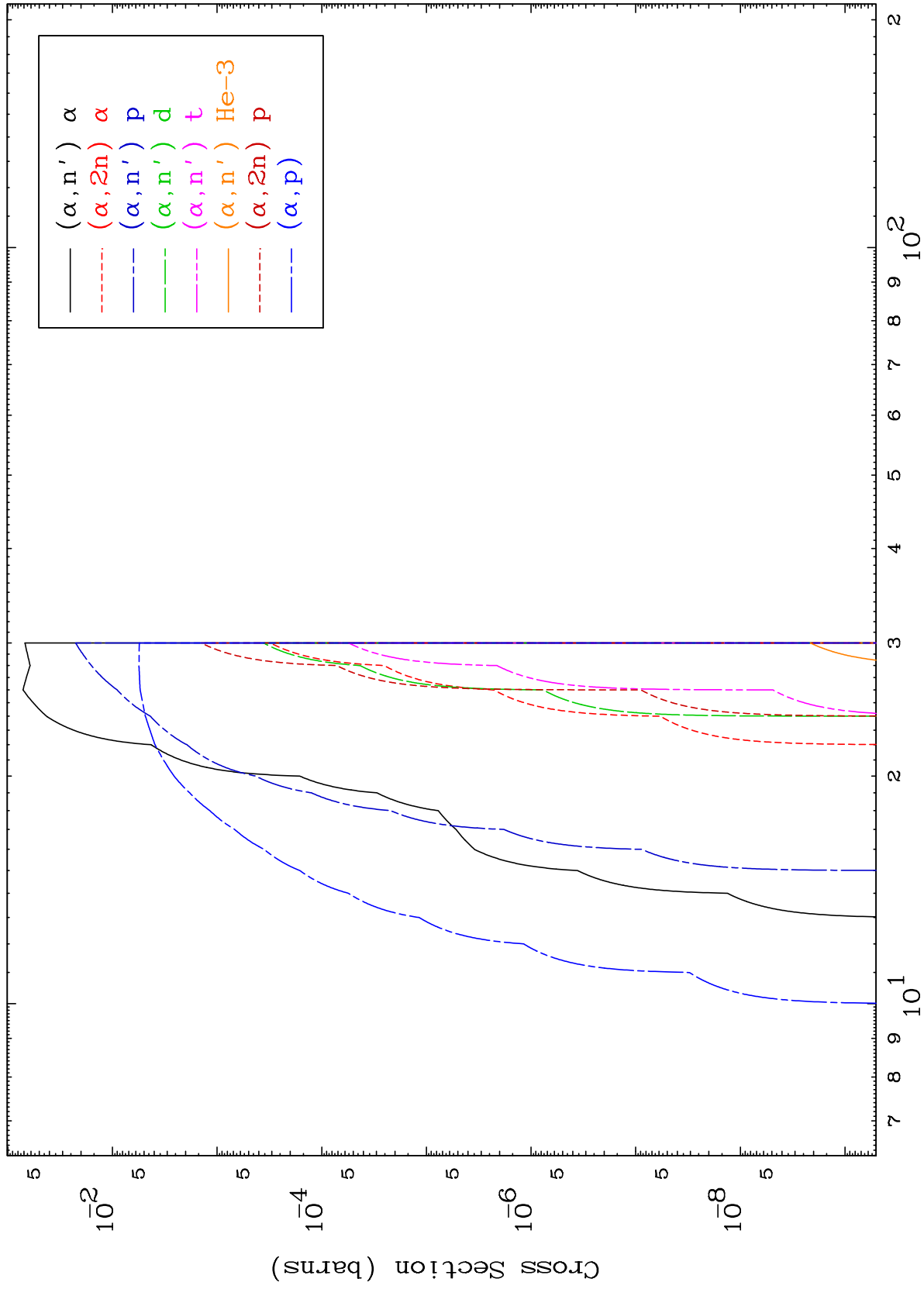
50-Sn-119



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Incident Energy (MeV)

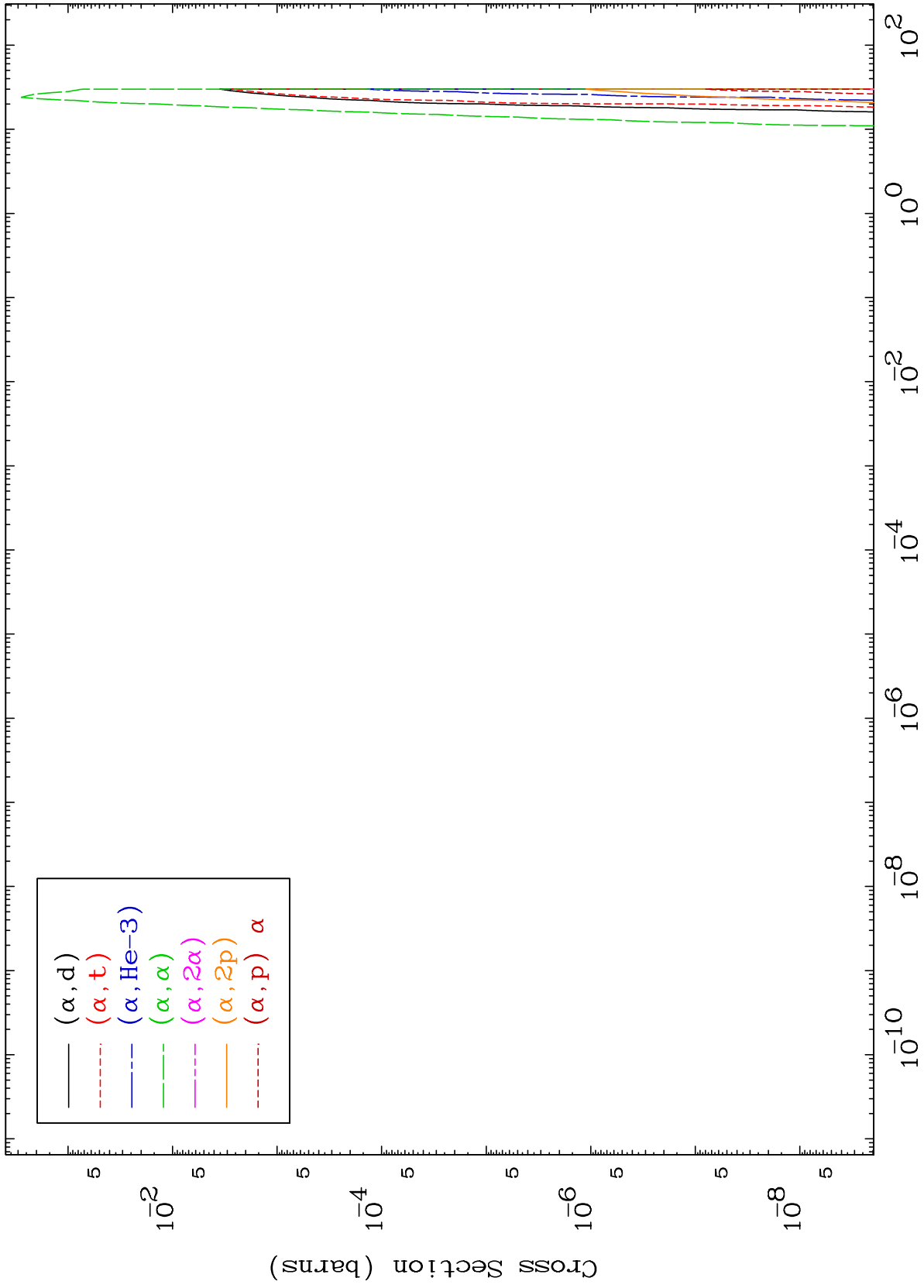
50-Sn-119



MAT 5047

α Charged Particle
0 Kelvin Cross Sections

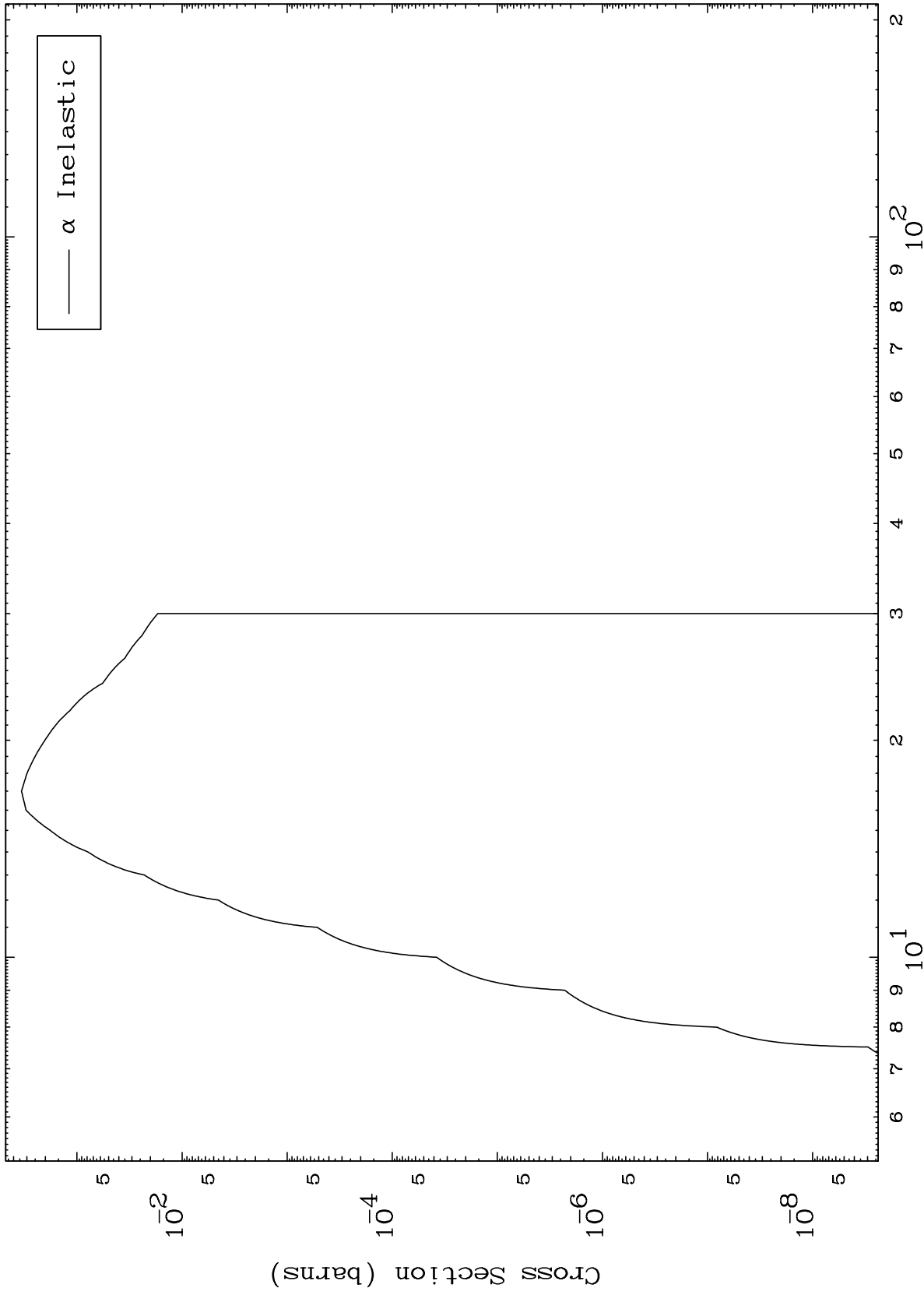
50-Sn-119



MAT 5047

(α, n') Level
0 Kelvin Cross Sections

50-Sn-119



5

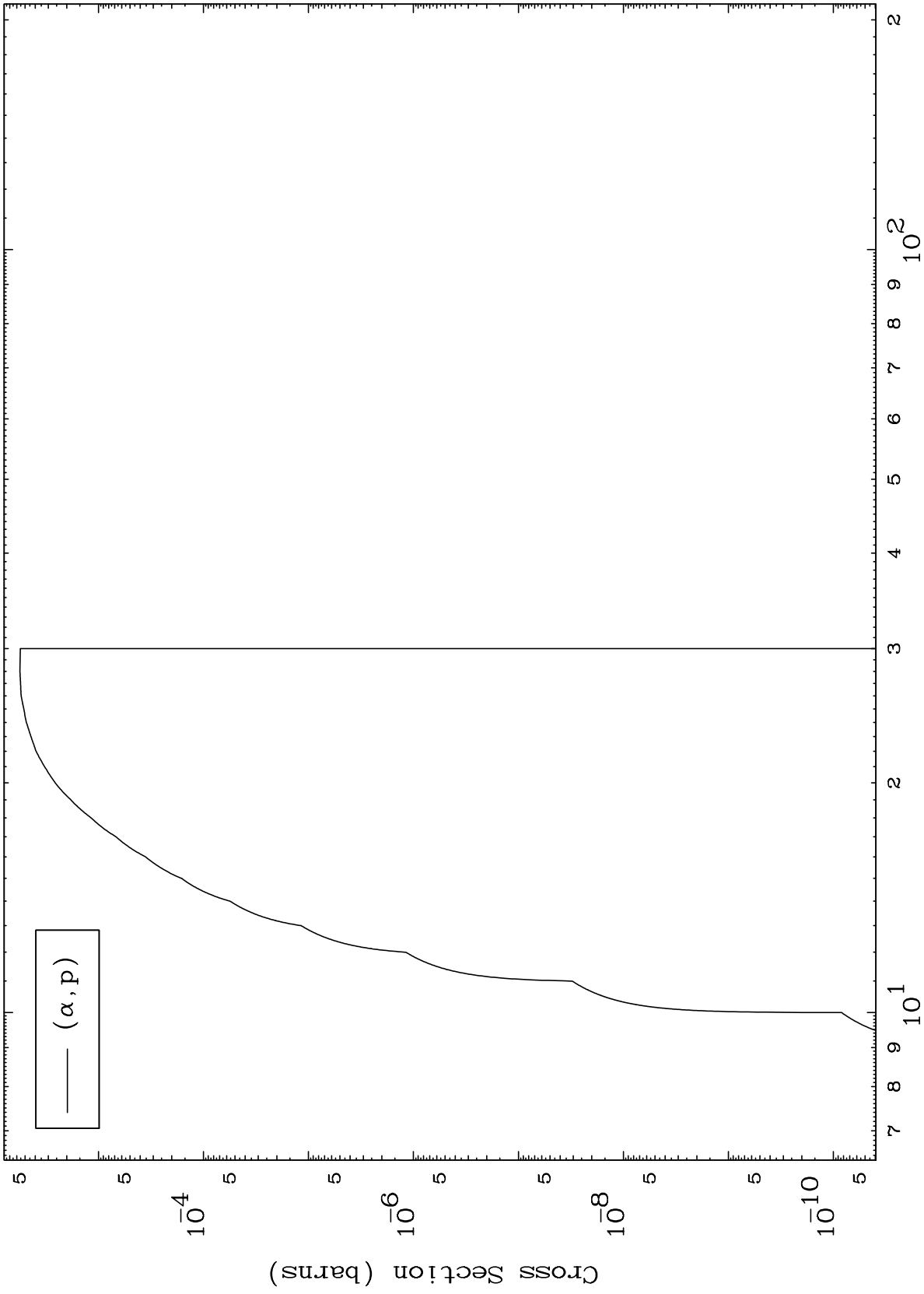
Incident Energy (MeV)

50-Sn-119

MAT 5047

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-119



6

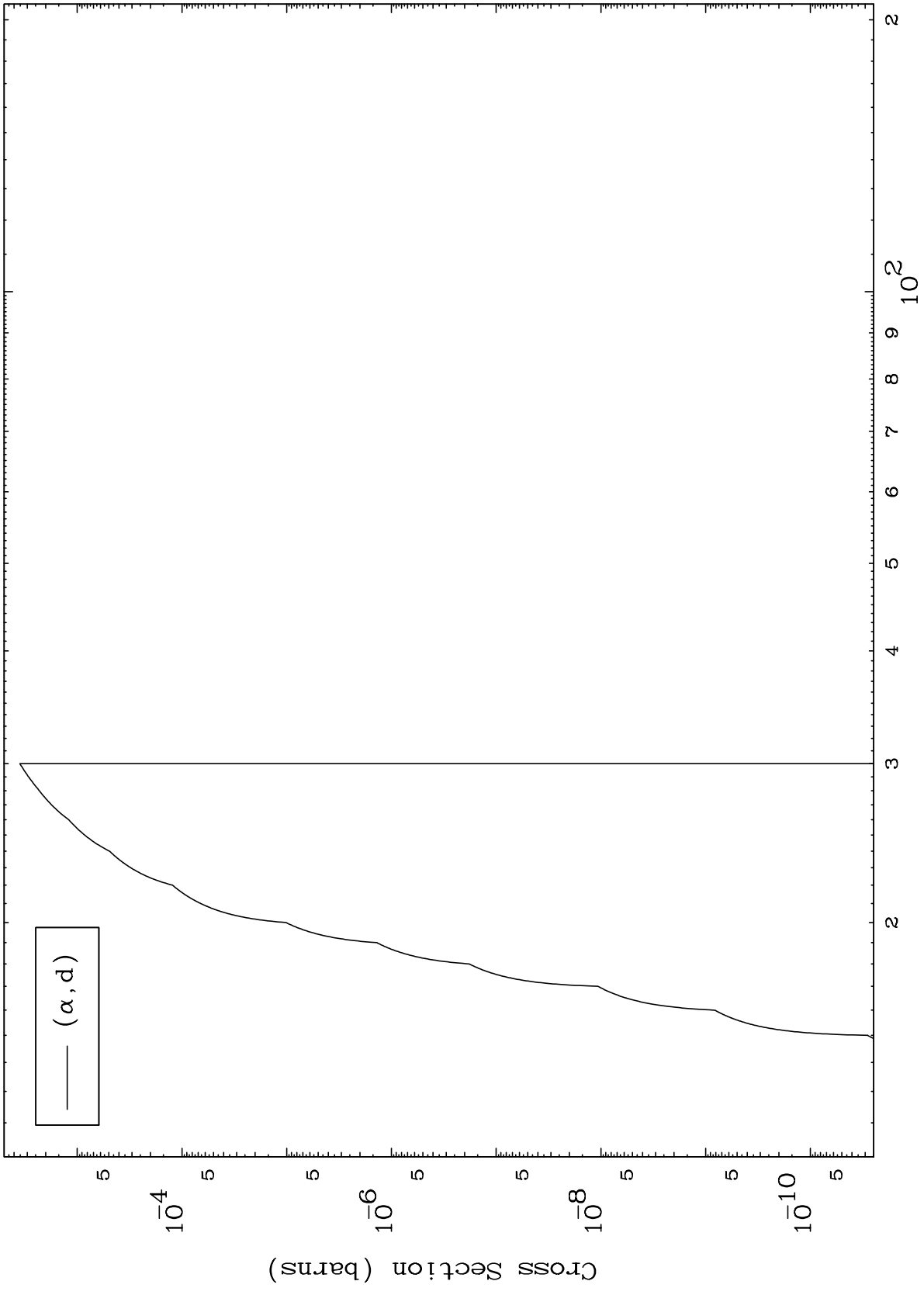
Incident Energy (MeV)

50-Sn-119

MAT 5047

(α, d) Levels
0 Kelvin Cross Sections

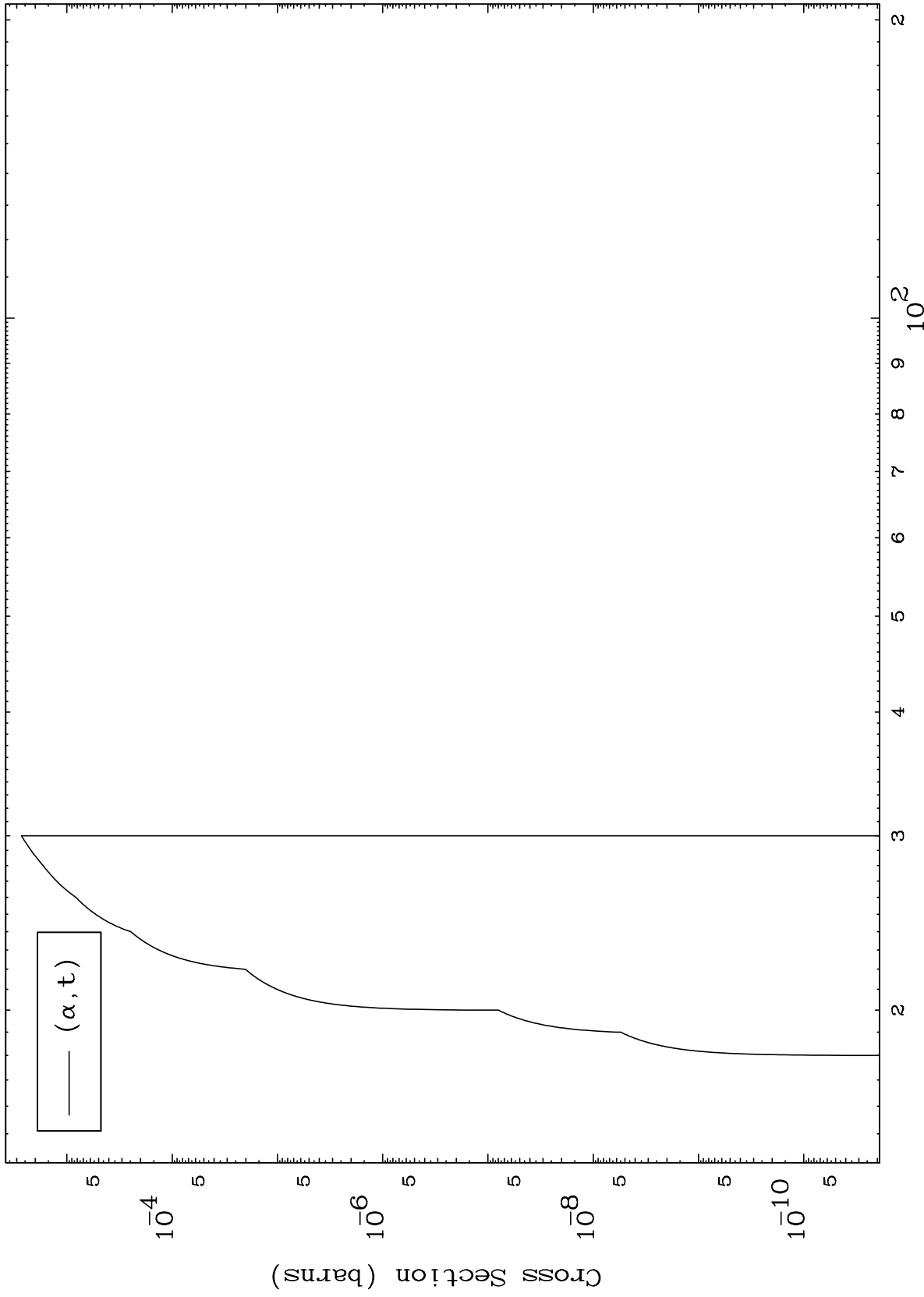
50-Sn-119

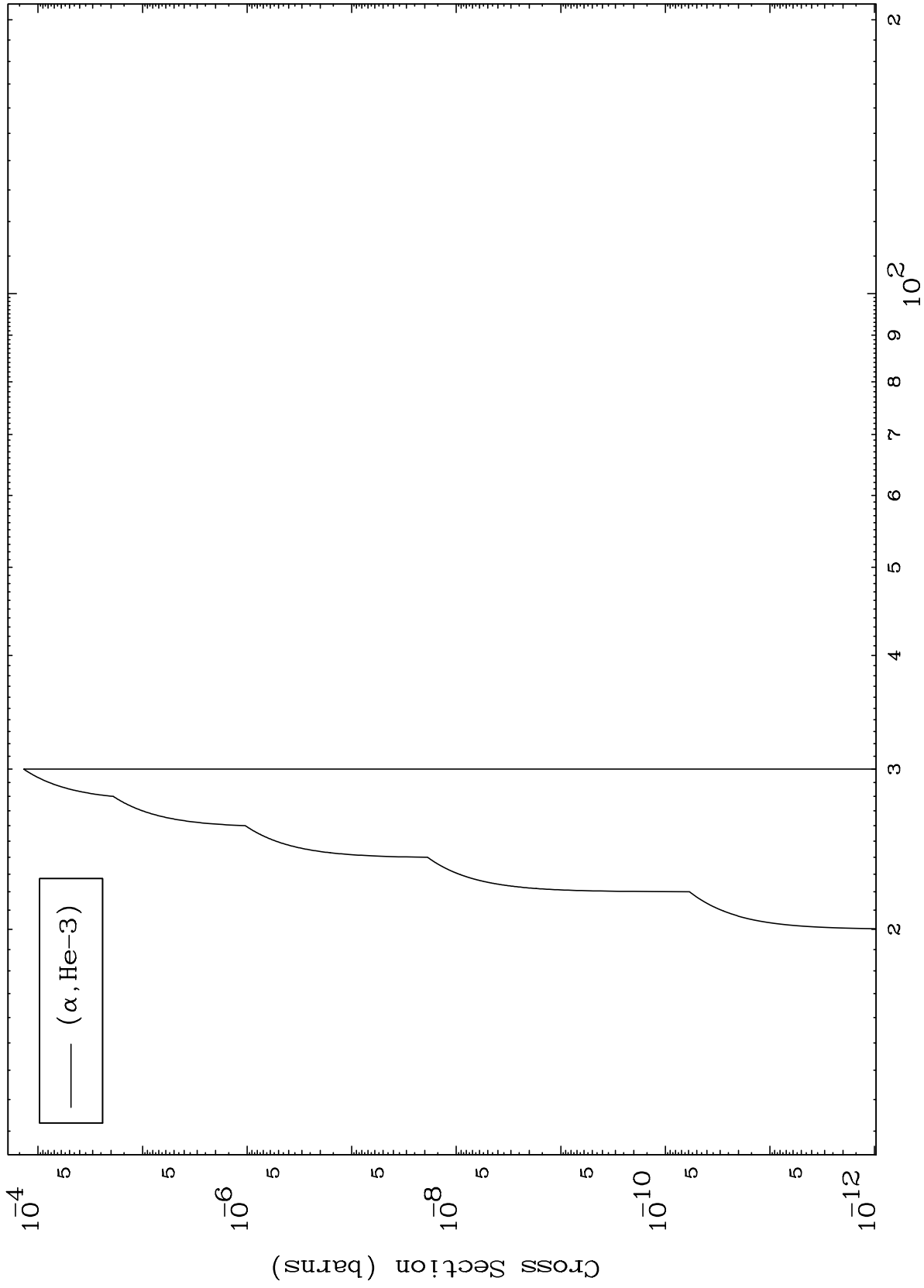


7

Incident Energy (MeV)

50-Sn-119

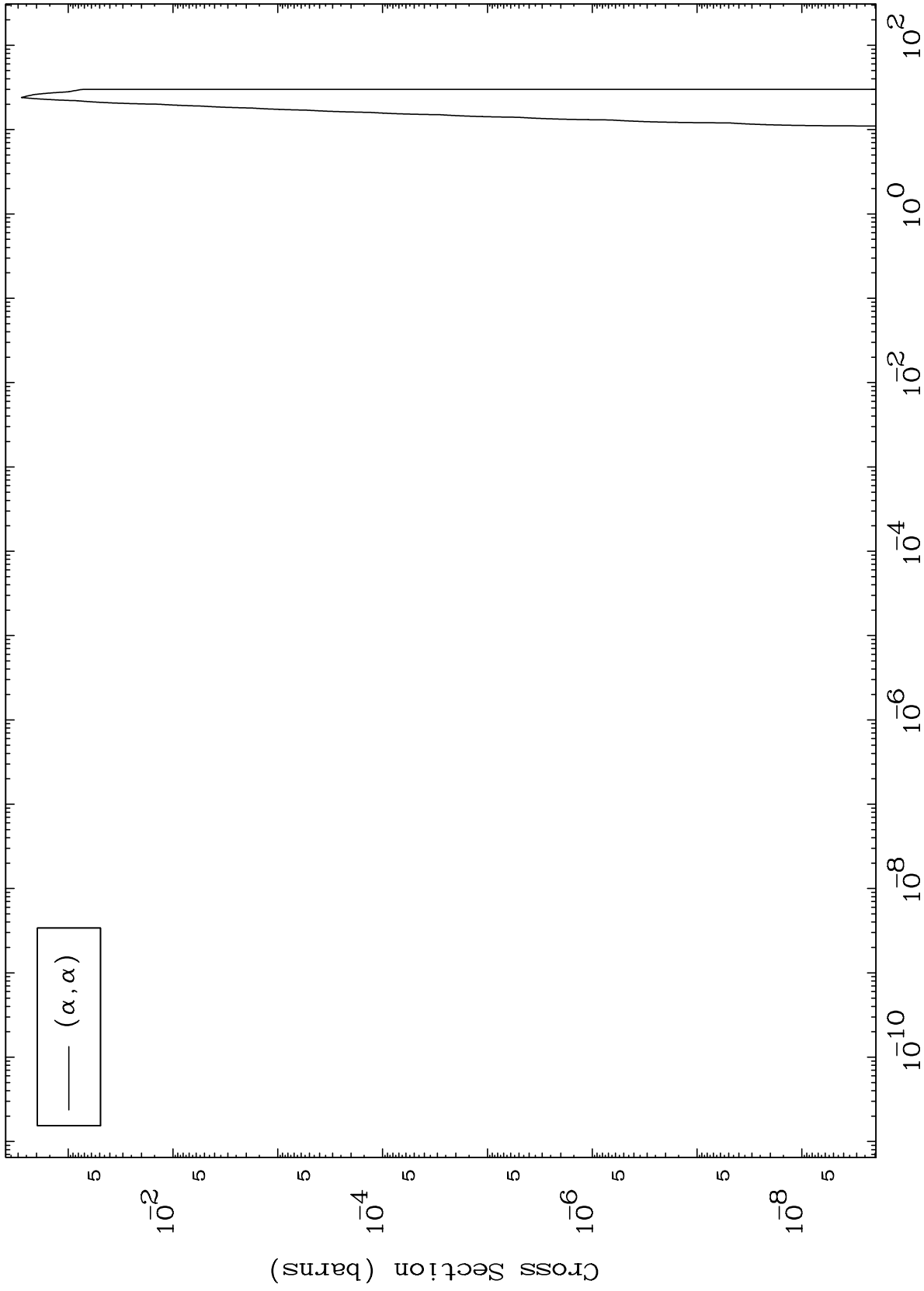




MAT 5047

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-119



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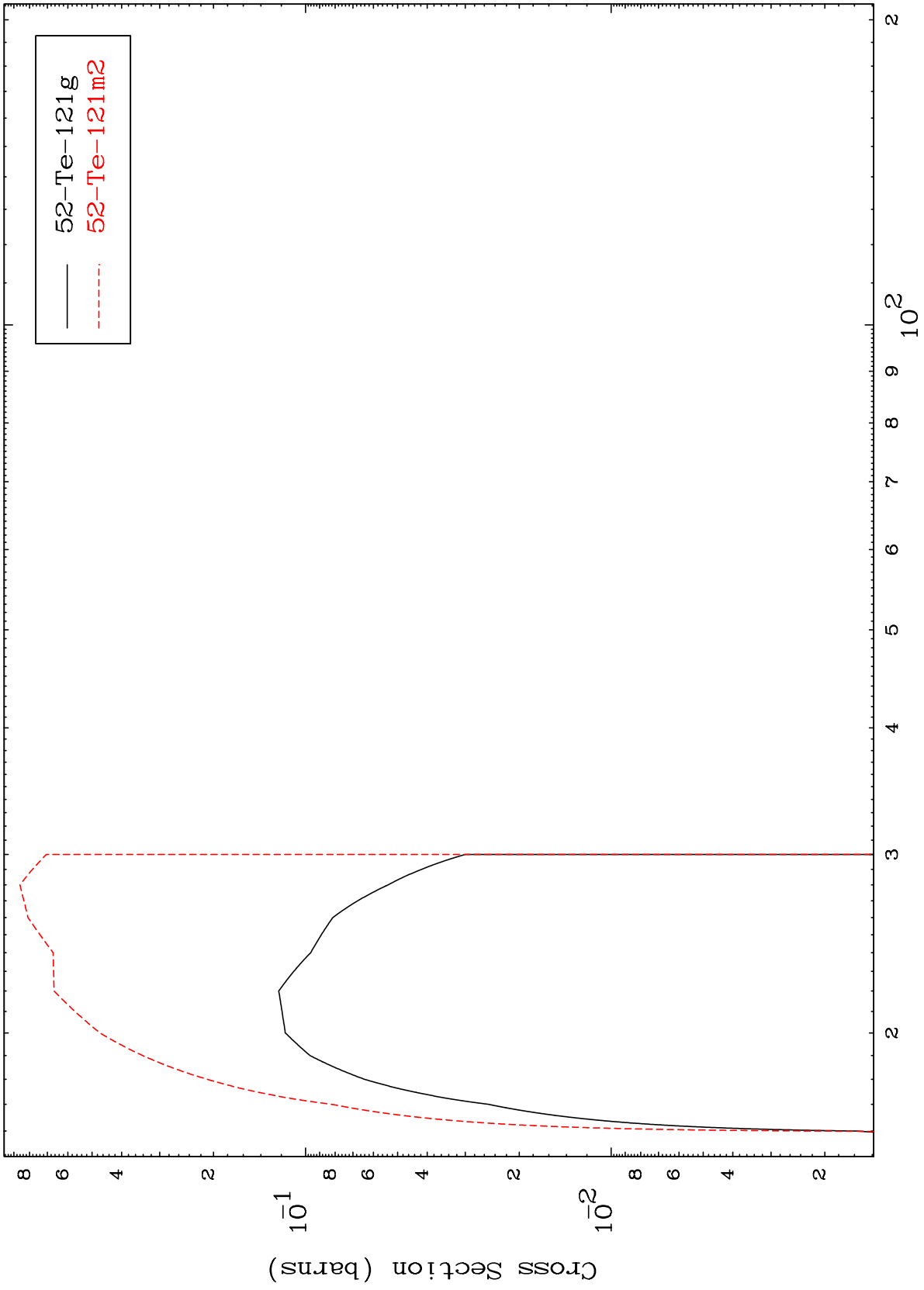
Incident Energy (MeV)

50-Sn-119

MAT 5047

50-Sn-119

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



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Incident Energy (MeV)

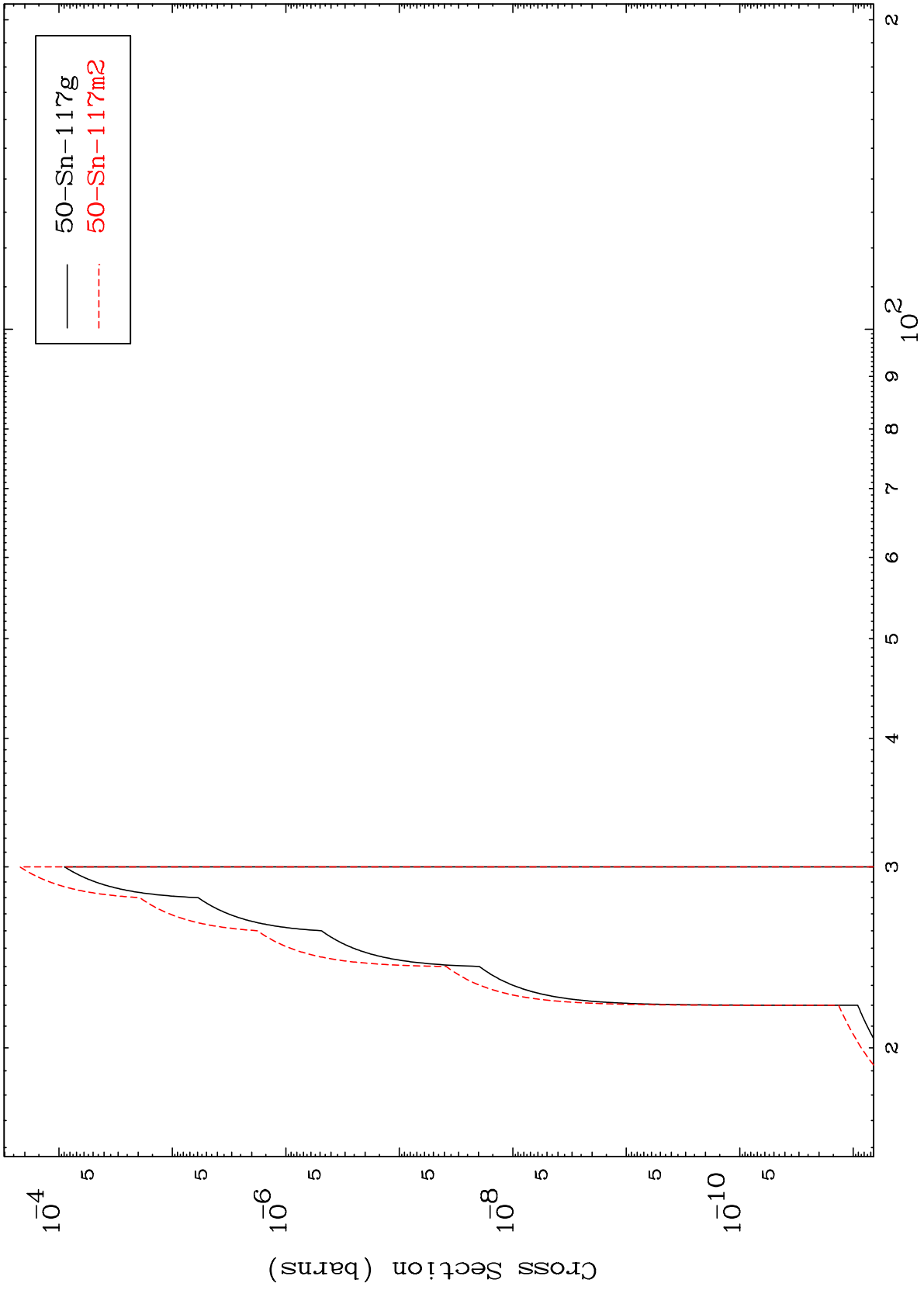
50-Sn-119

MAT 5047

($\alpha, 2n$) α

50-Sn-119

Radionuclide Production Cross Section

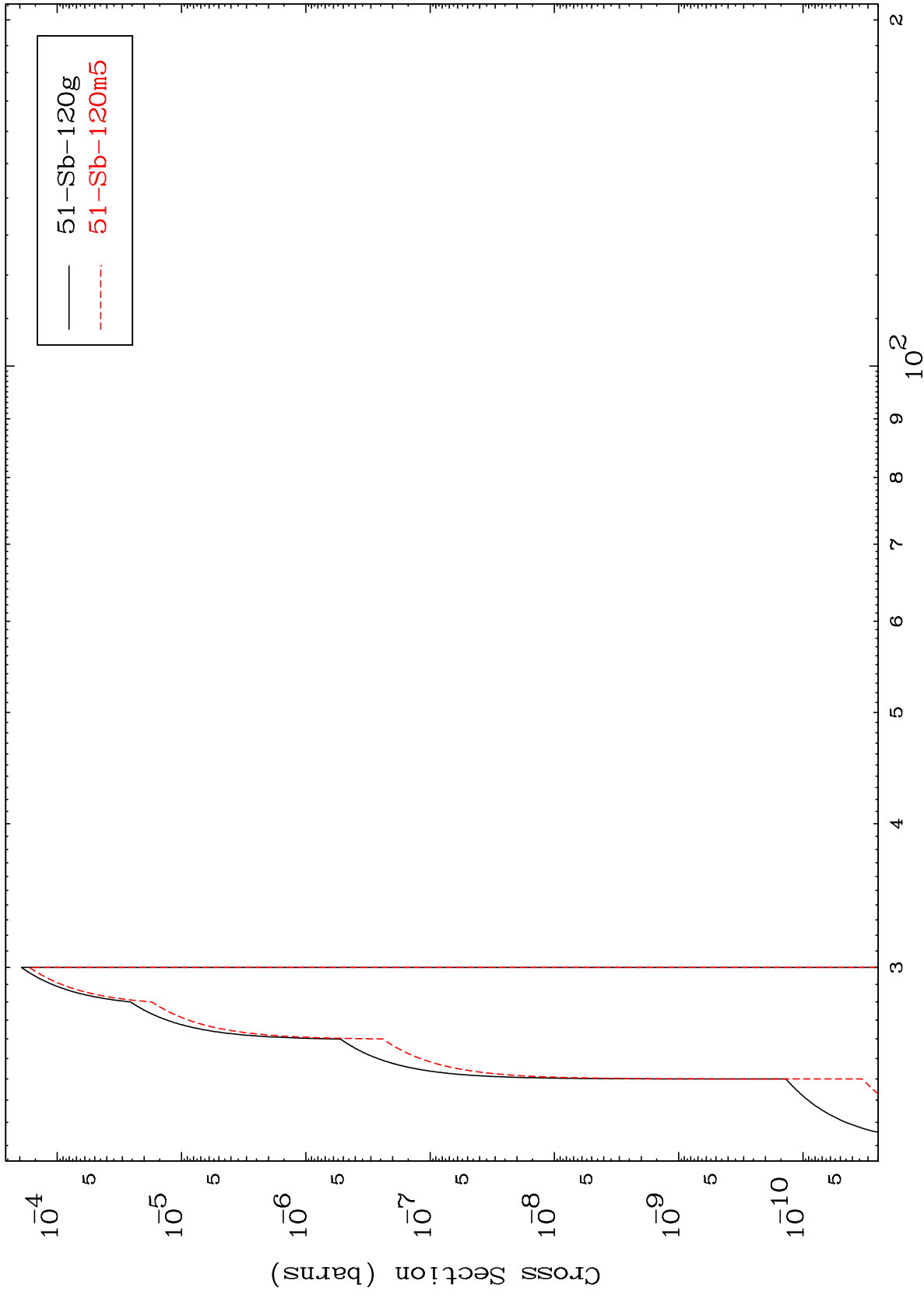


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Incident Energy (MeV)

50-Sn-119

Radionuclide Production Cross Section

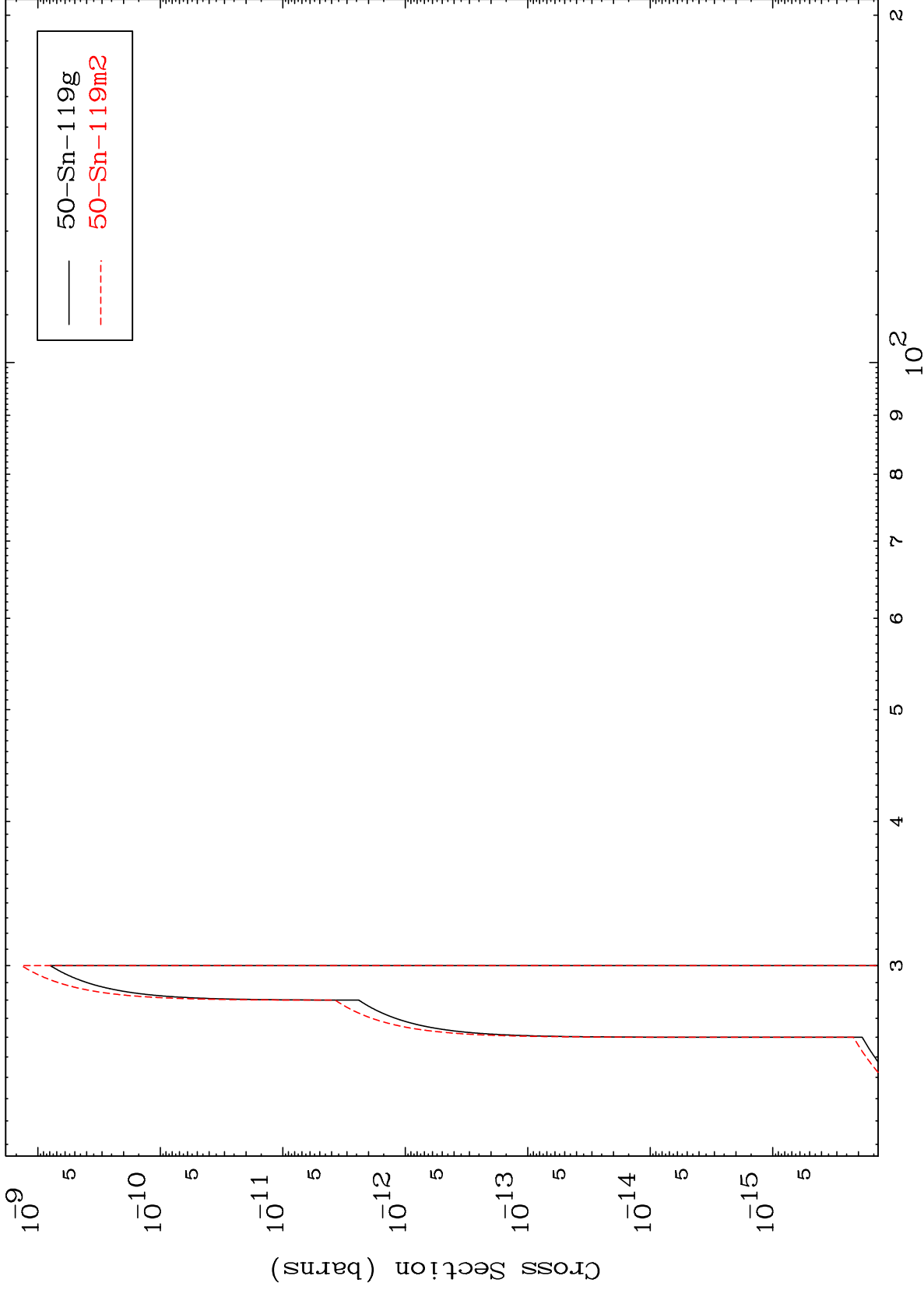


MAT 5047

(α, n') He-3

50-Sn-119

Radionuclide Production Cross Section



14

Incident Energy (MeV)

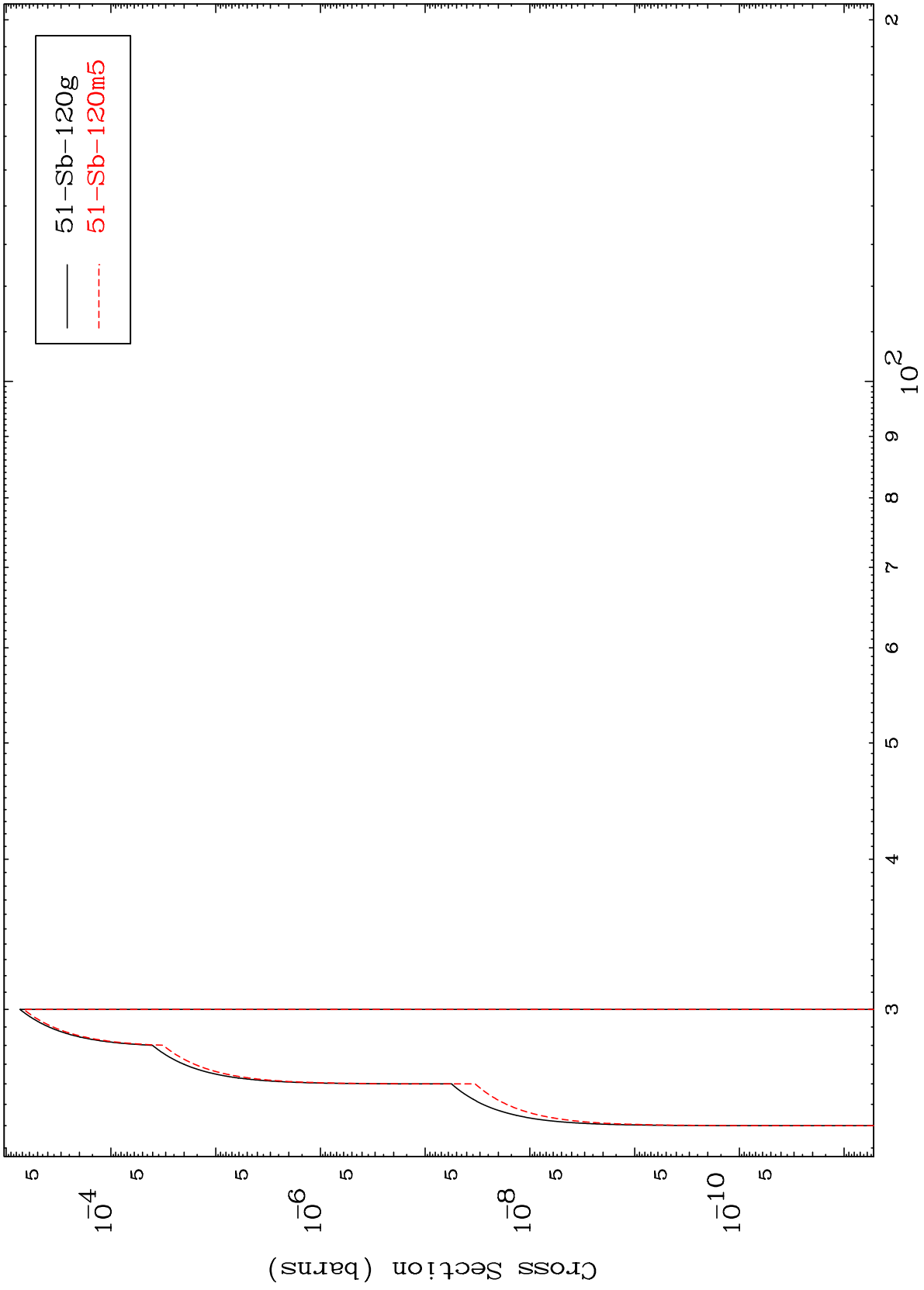
50-Sn-119

MAT 5047

($\alpha, 2n$) p

50-Sn-119

Radionuclide Production Cross Section



15

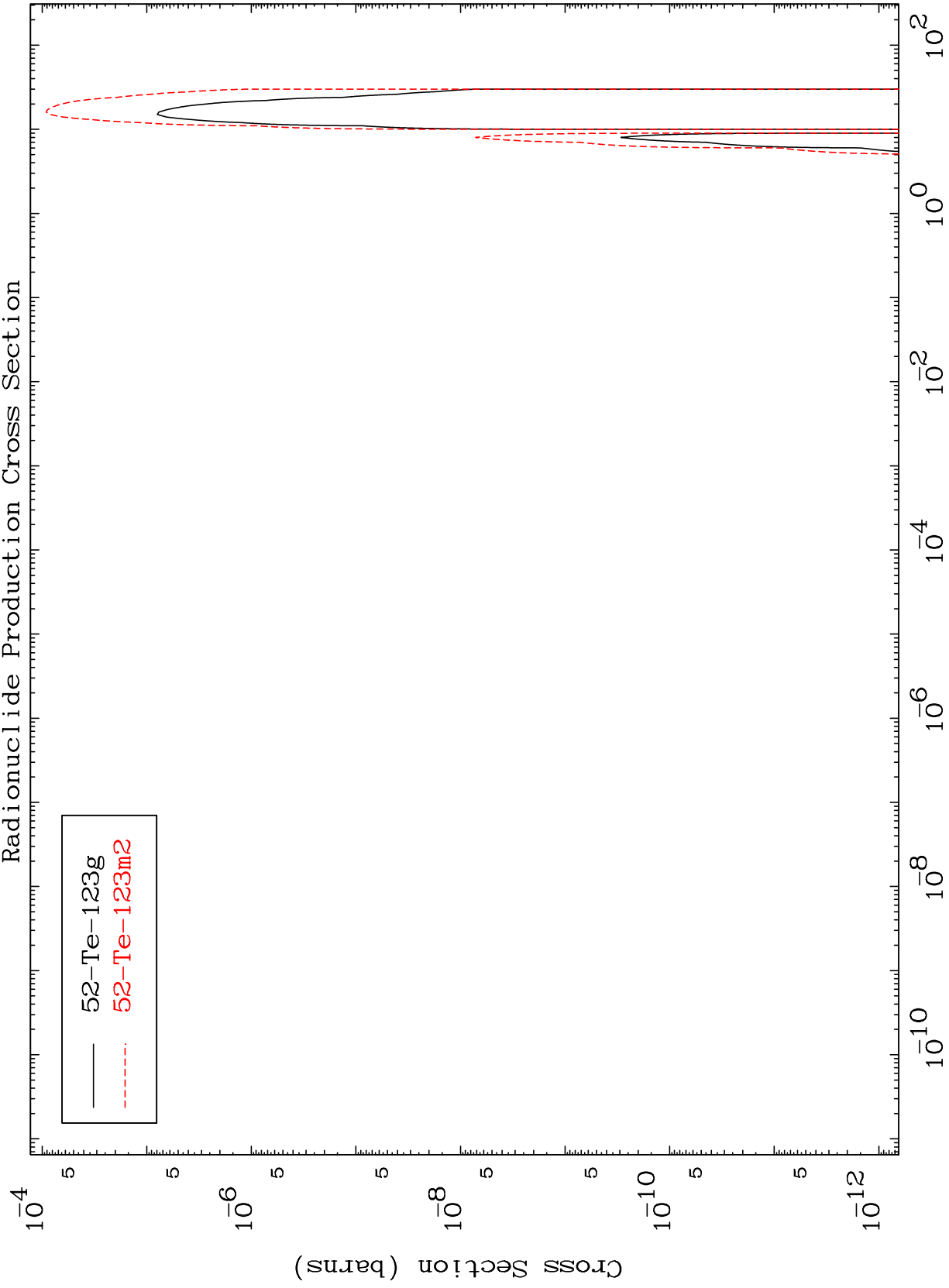
Incident Energy (MeV)

50-Sn-119

MAT 5047

Radionuclide Production Cross Section
(α, γ)

50-Sn-119



16

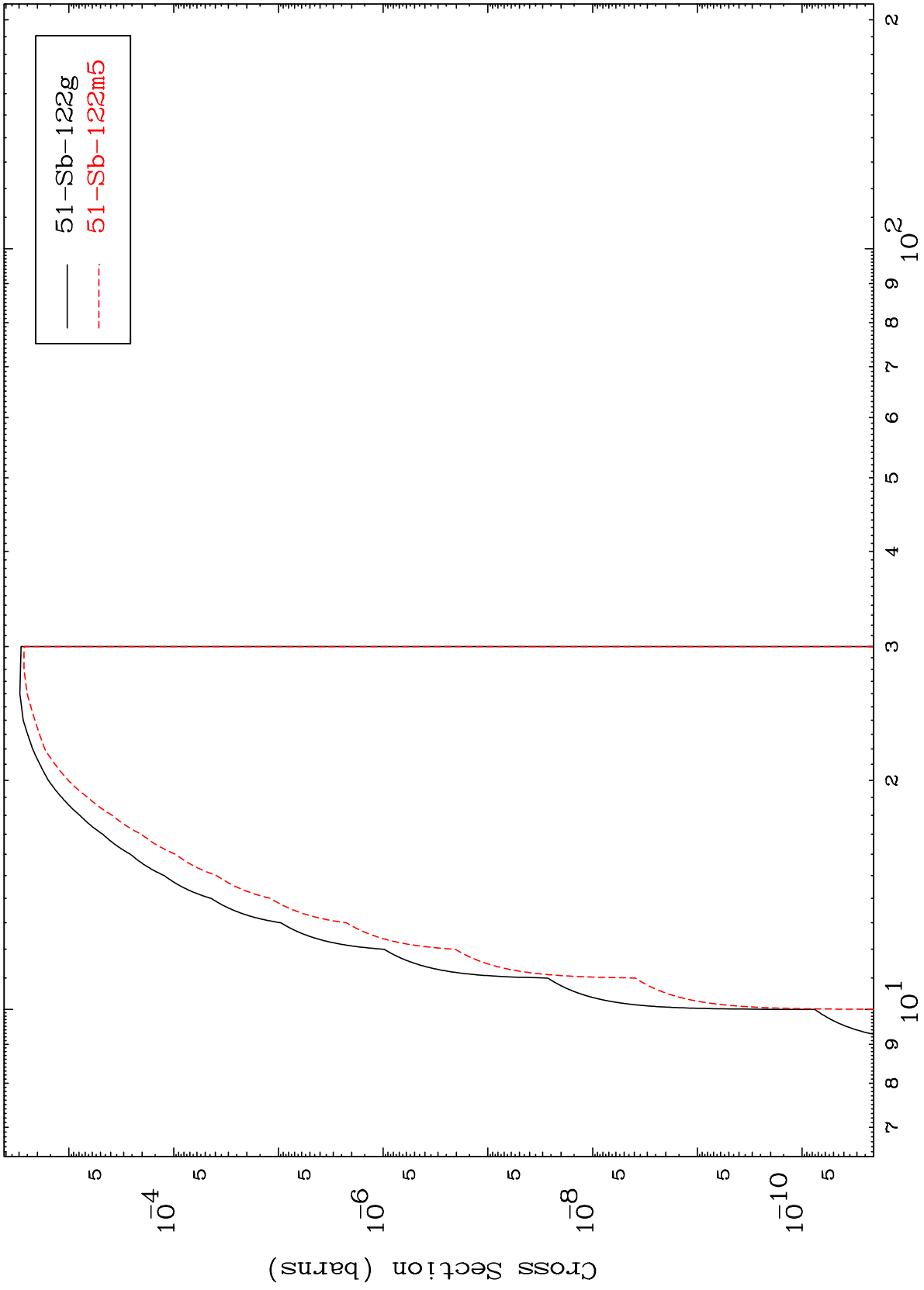
Incident Energy (MeV)

50-Sn-119

MAT 5047

50-Sn-119

(α, p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

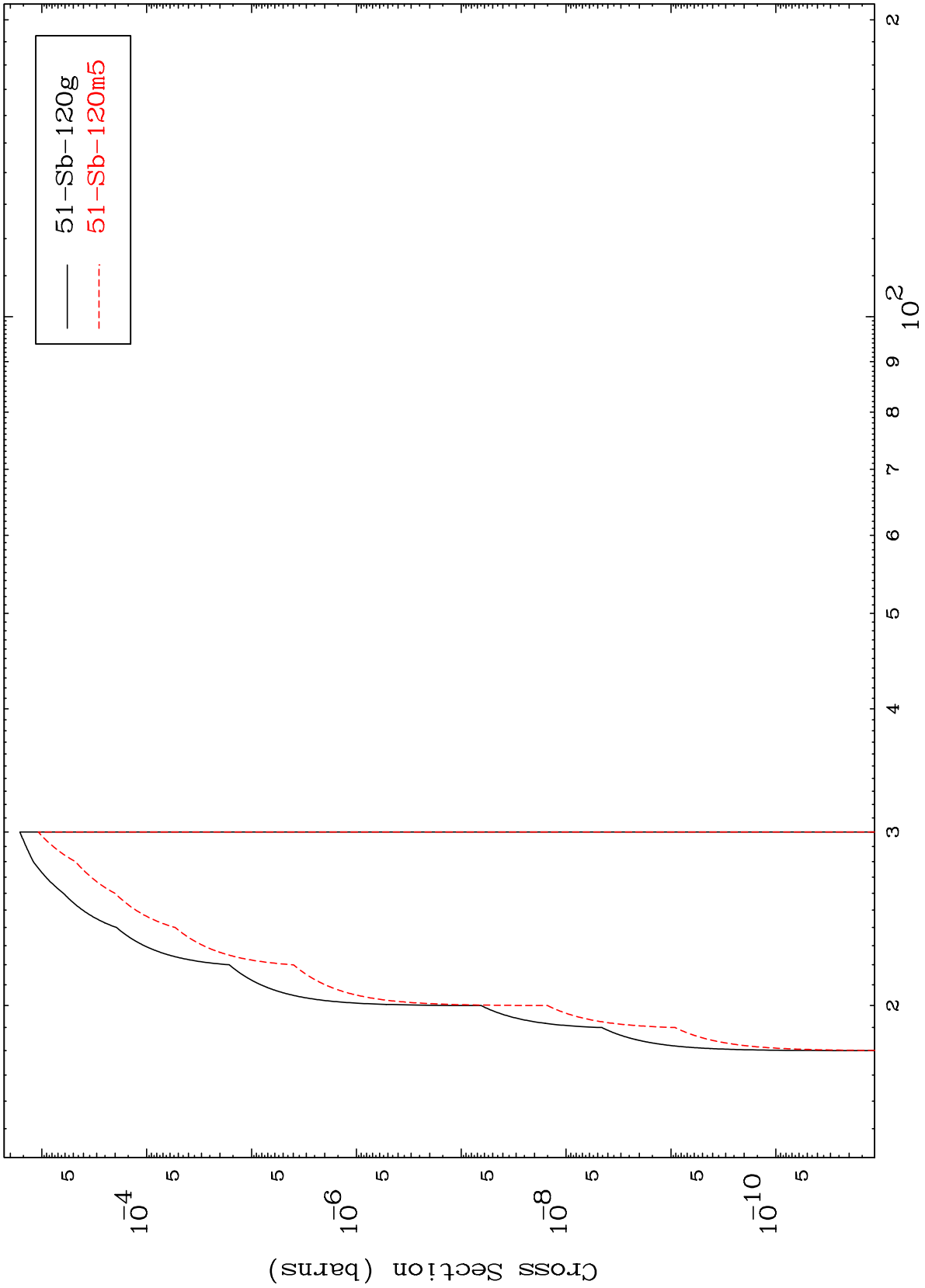
50-Sn-119

MAT 5047

(α, t)

50-Sn-119

Radionuclide Production Cross Section



18

Incident Energy (MeV)

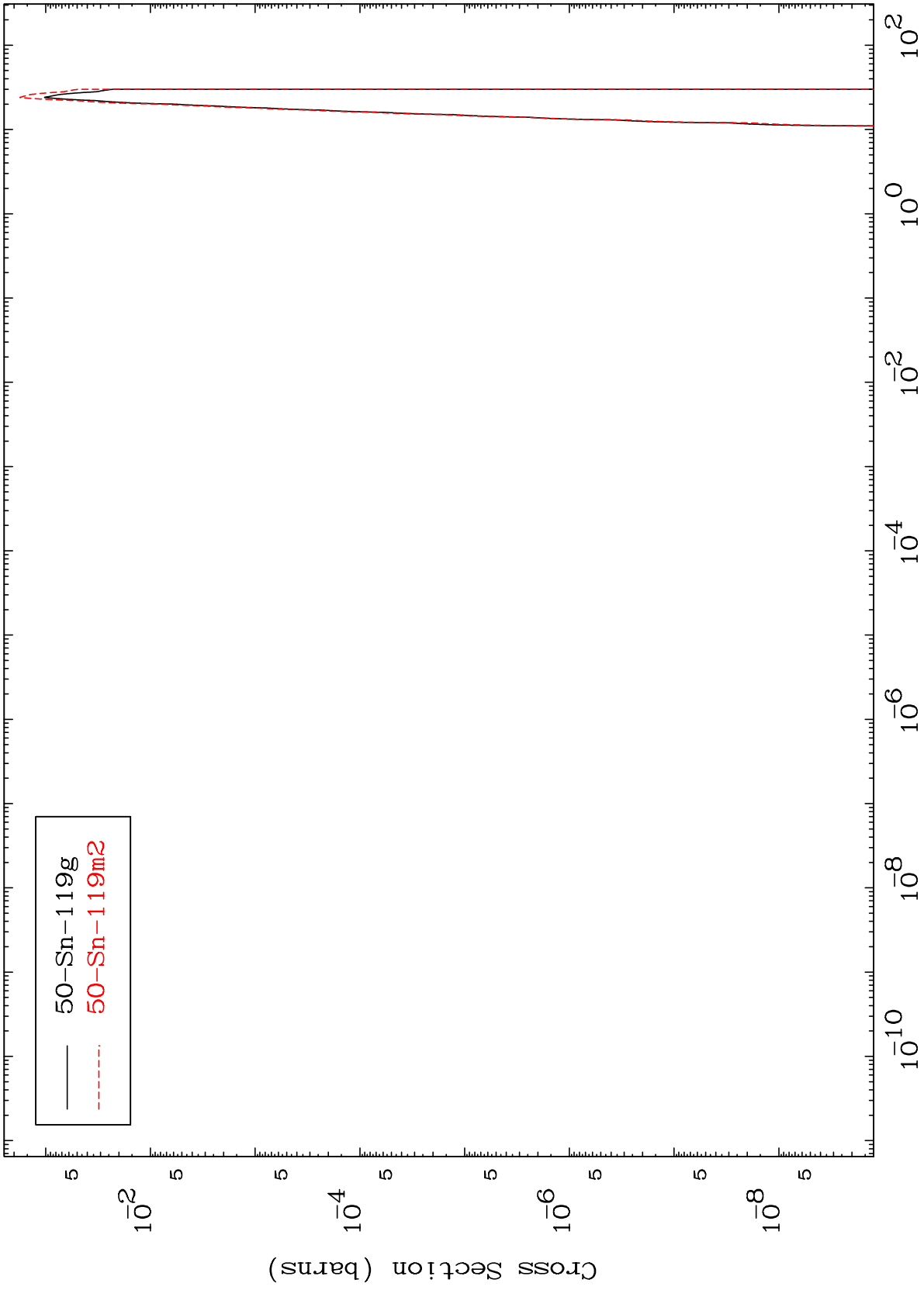
50-Sn-119

MAT 5047

(α, α)

50-Sn-119

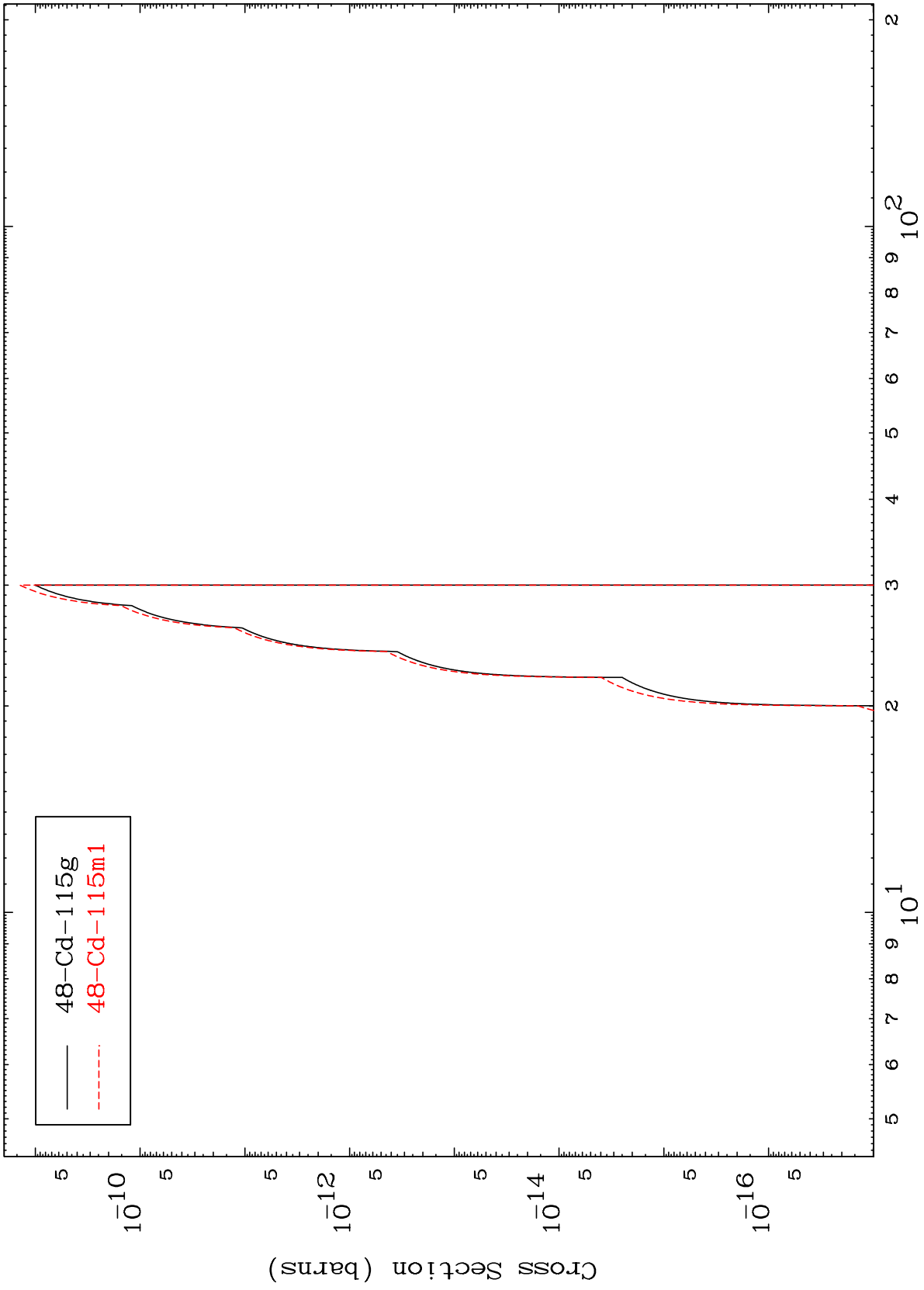
Radionuclide Production Cross Section



MAT 5047

50-Sn-119

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



— 48-Cd-115g
- - - 48-Cd-115m1

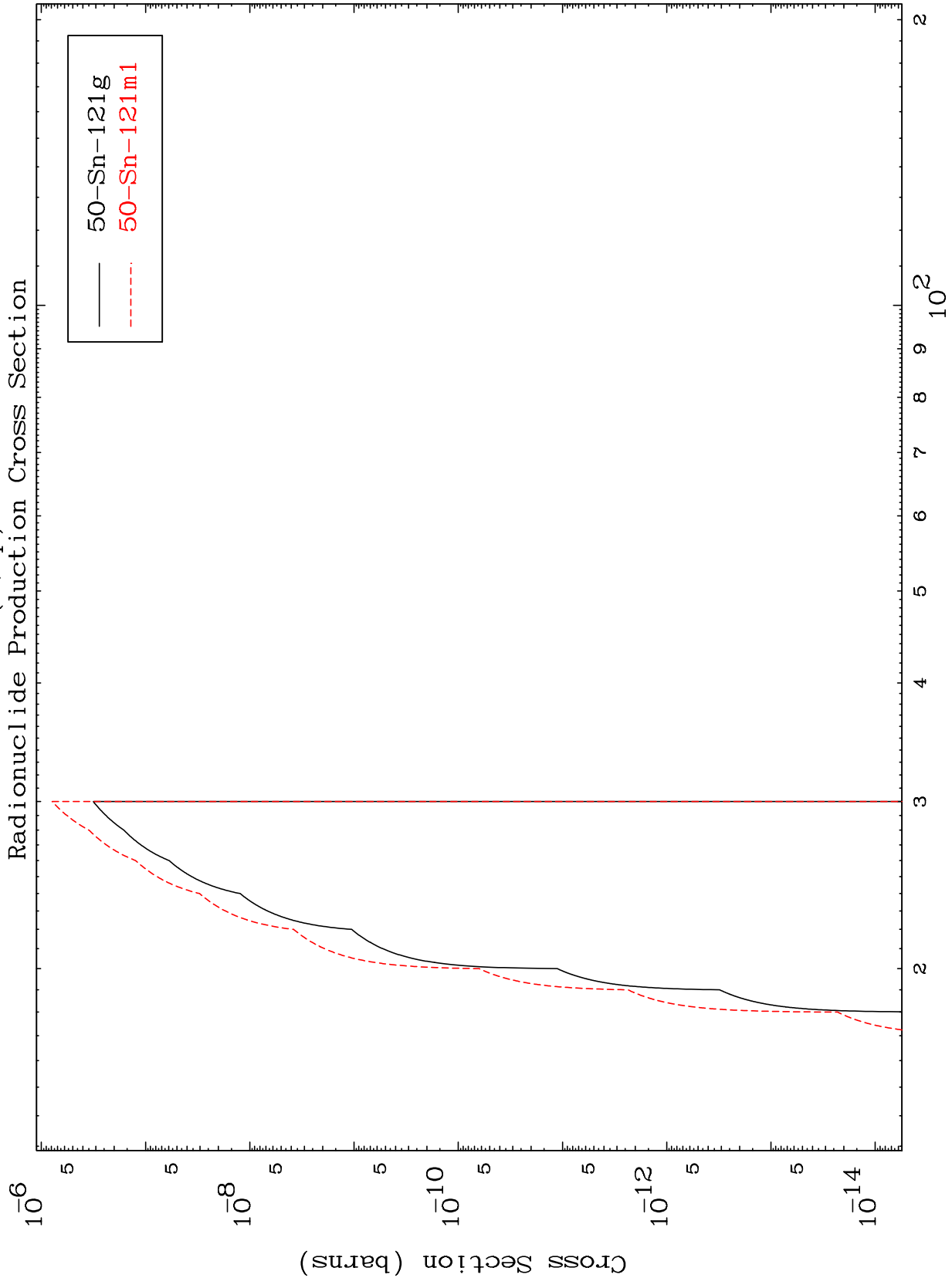
20

50-Sn-119

MAT 5047

($\alpha, 2p$)

50-Sn-119



50-Sn-119

Incident Energy (MeV)

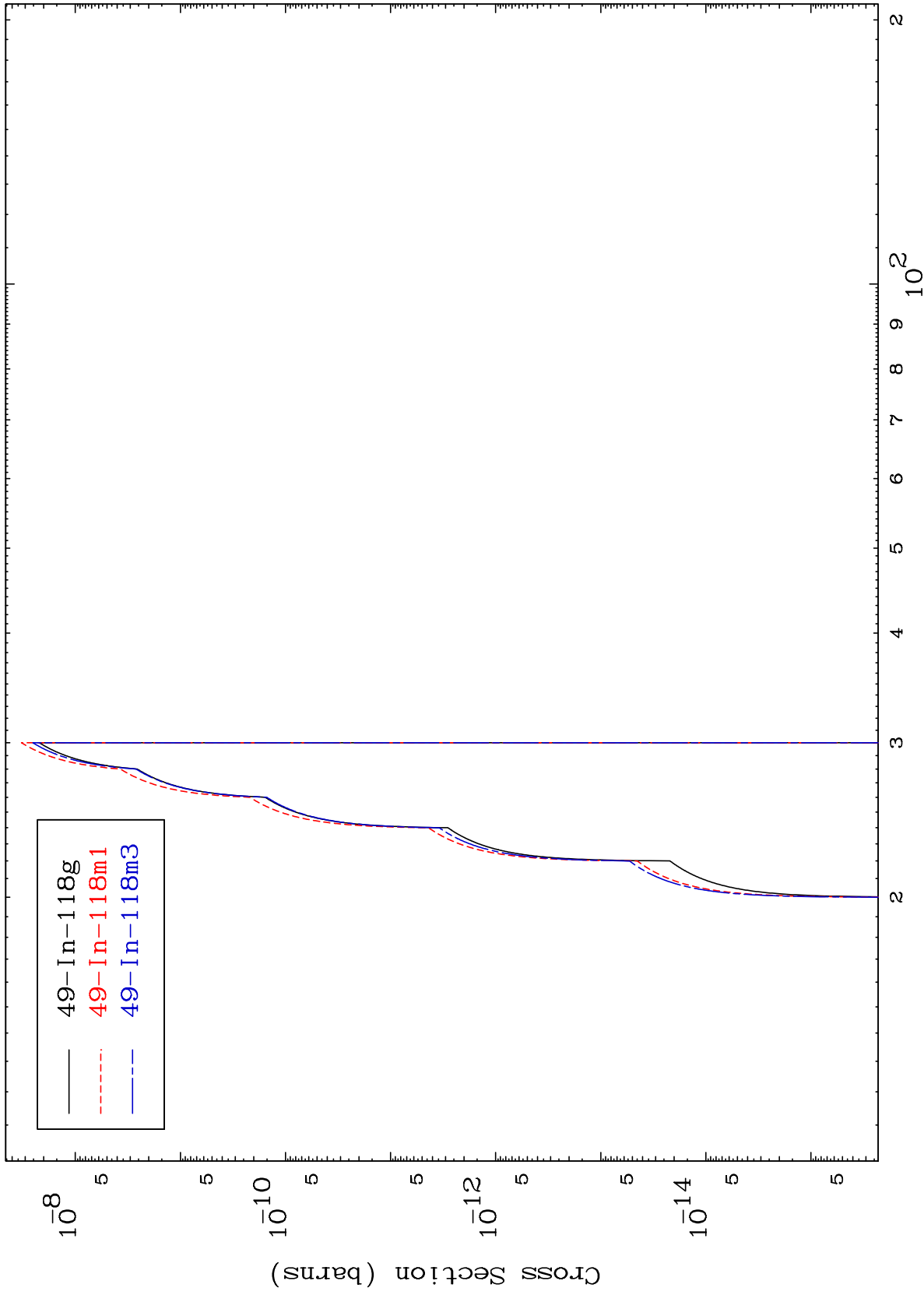
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MAT 5047

(α, p) α

50-Sn-119

Radionuclide Production Cross Section



22

Incident Energy (MeV)

50-Sn-119