

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

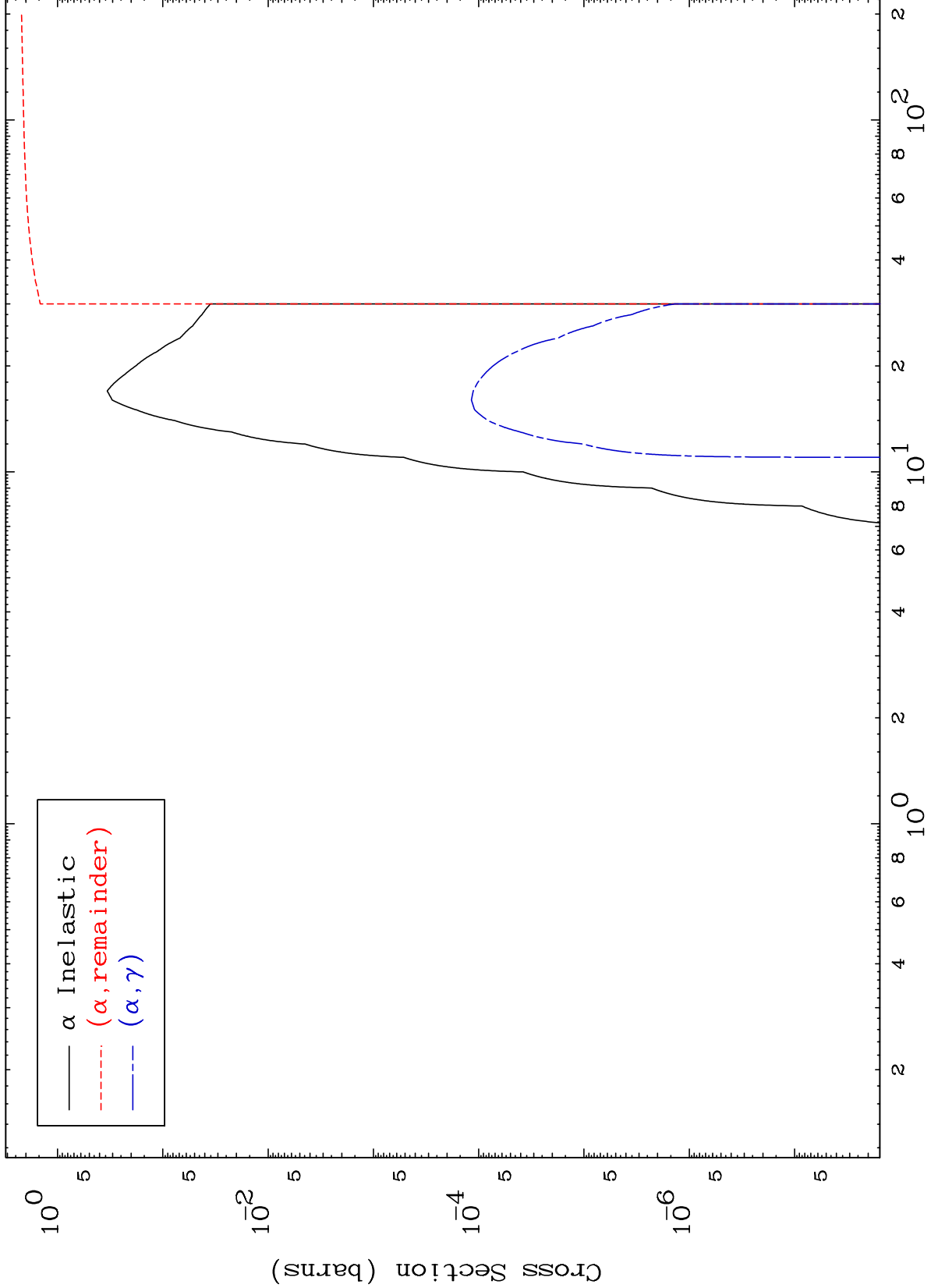
Press Mouse Button to Start

MAT 5046

α Major

50-Sn-119

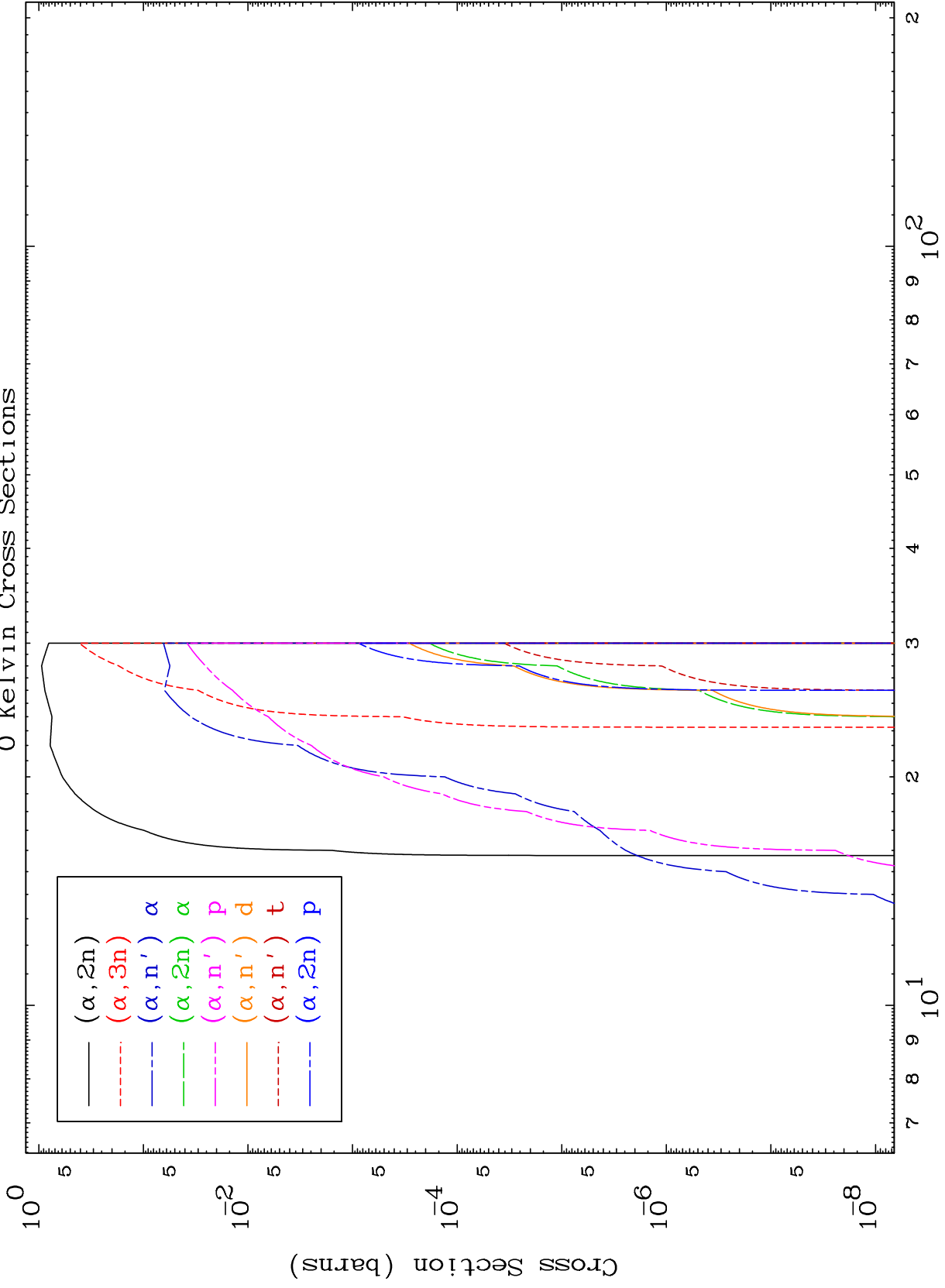
0 Kelvin Cross Sections



MAT 5046

α Neutron Production
0 Kelvin Cross Sections

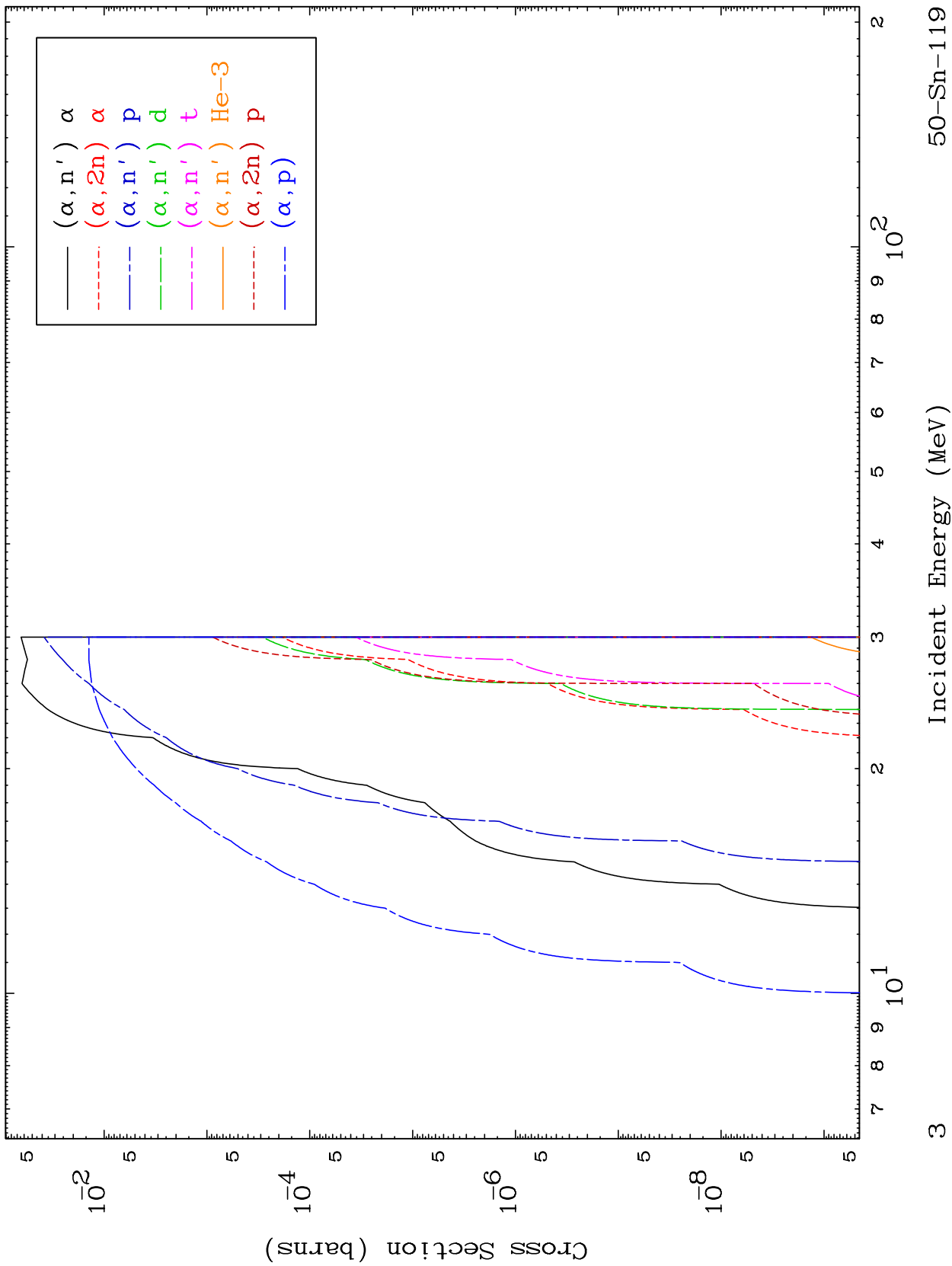
50-Sn-119



2

Incident Energy (MeV)

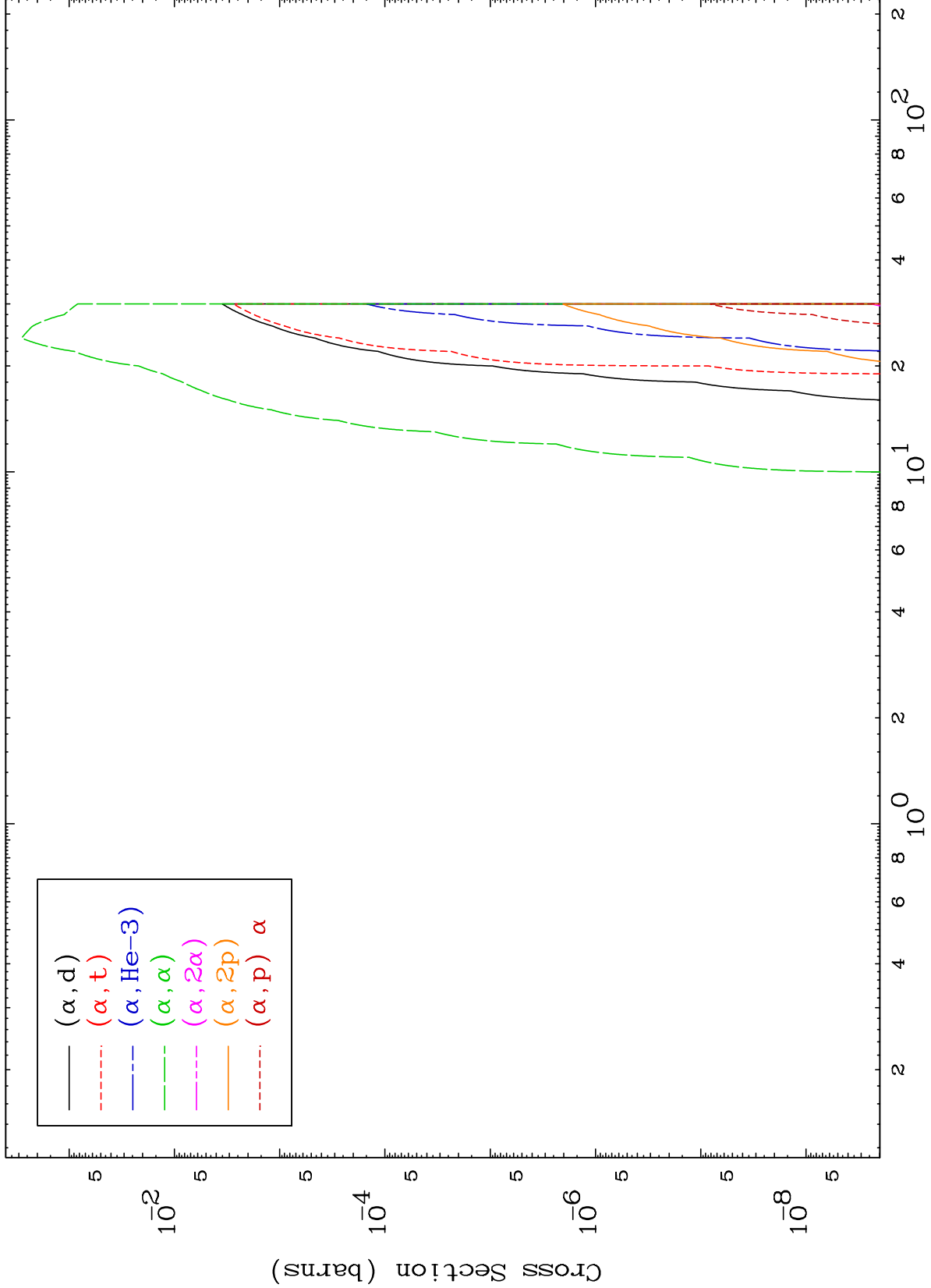
50-Sn-119



MAT 5046

α Charged Particle
0 Kelvin Cross Sections

50-Sn-119



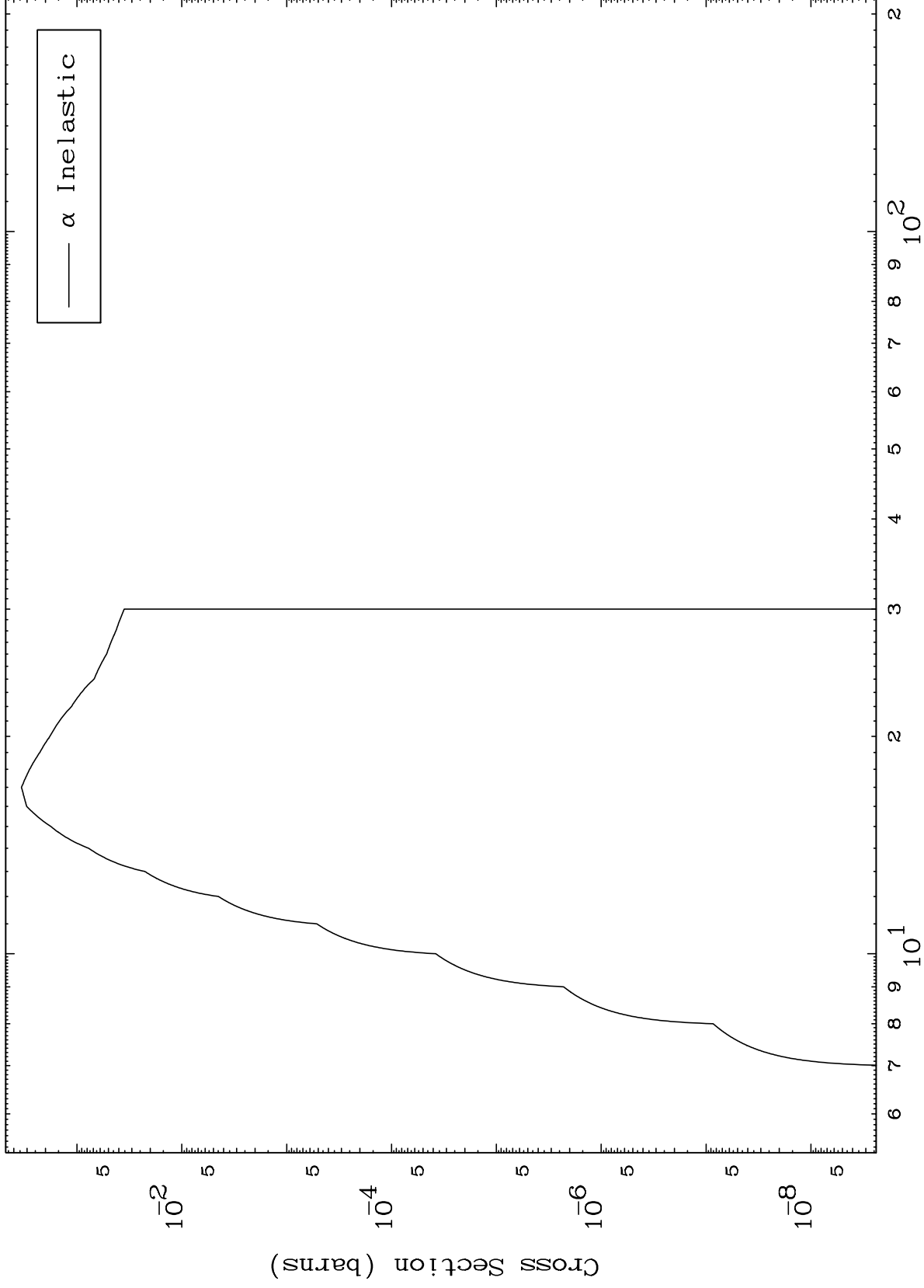
50-Sn-119

Incident Energy (MeV)

MAT 5046

(α, n') Level
0 Kelvin Cross Sections

50-Sn-119



5

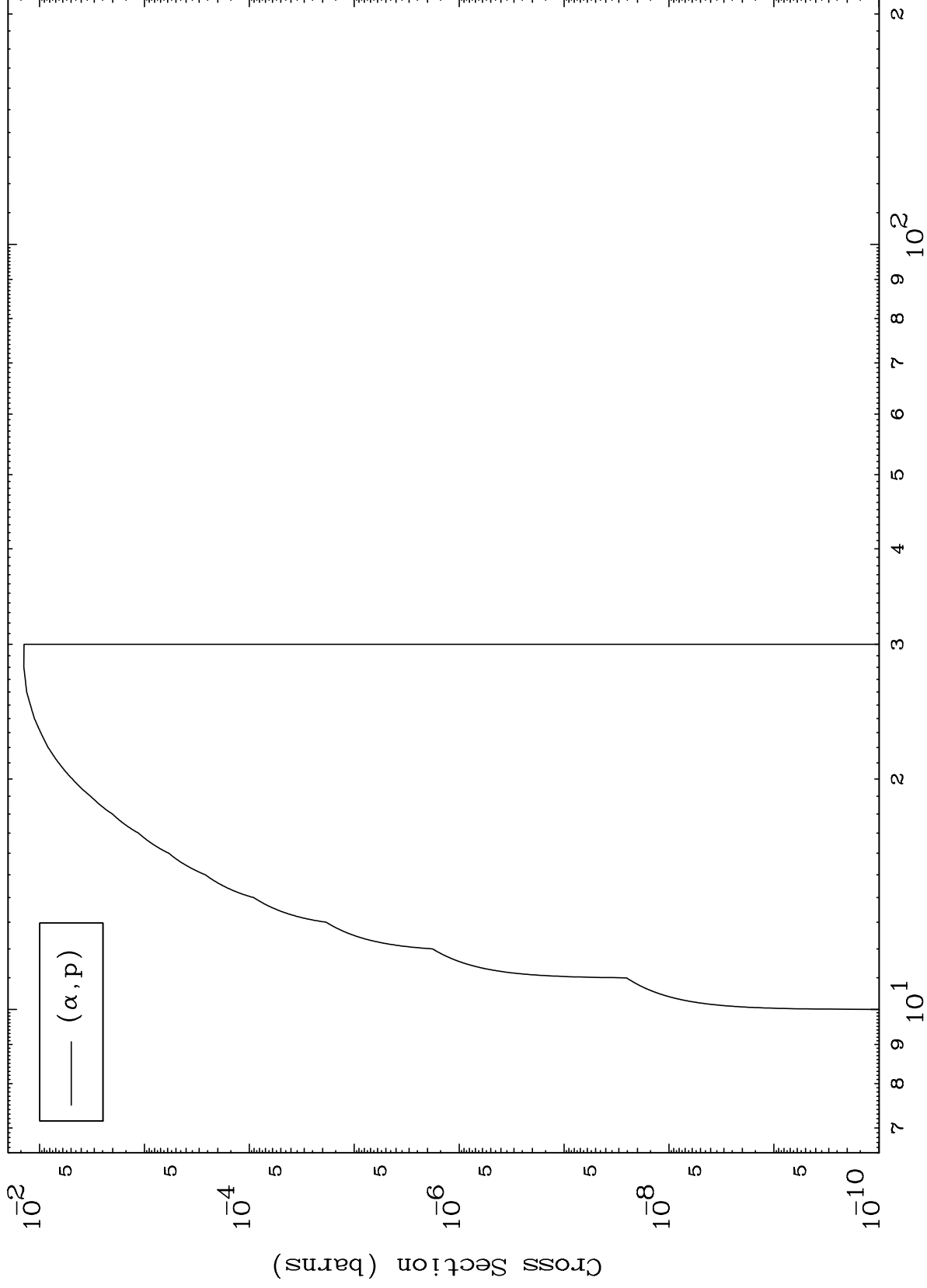
Incident Energy (MeV)

50-Sn-119

MAT 5046

(α, p) Levels
0 Kelvin Cross Sections

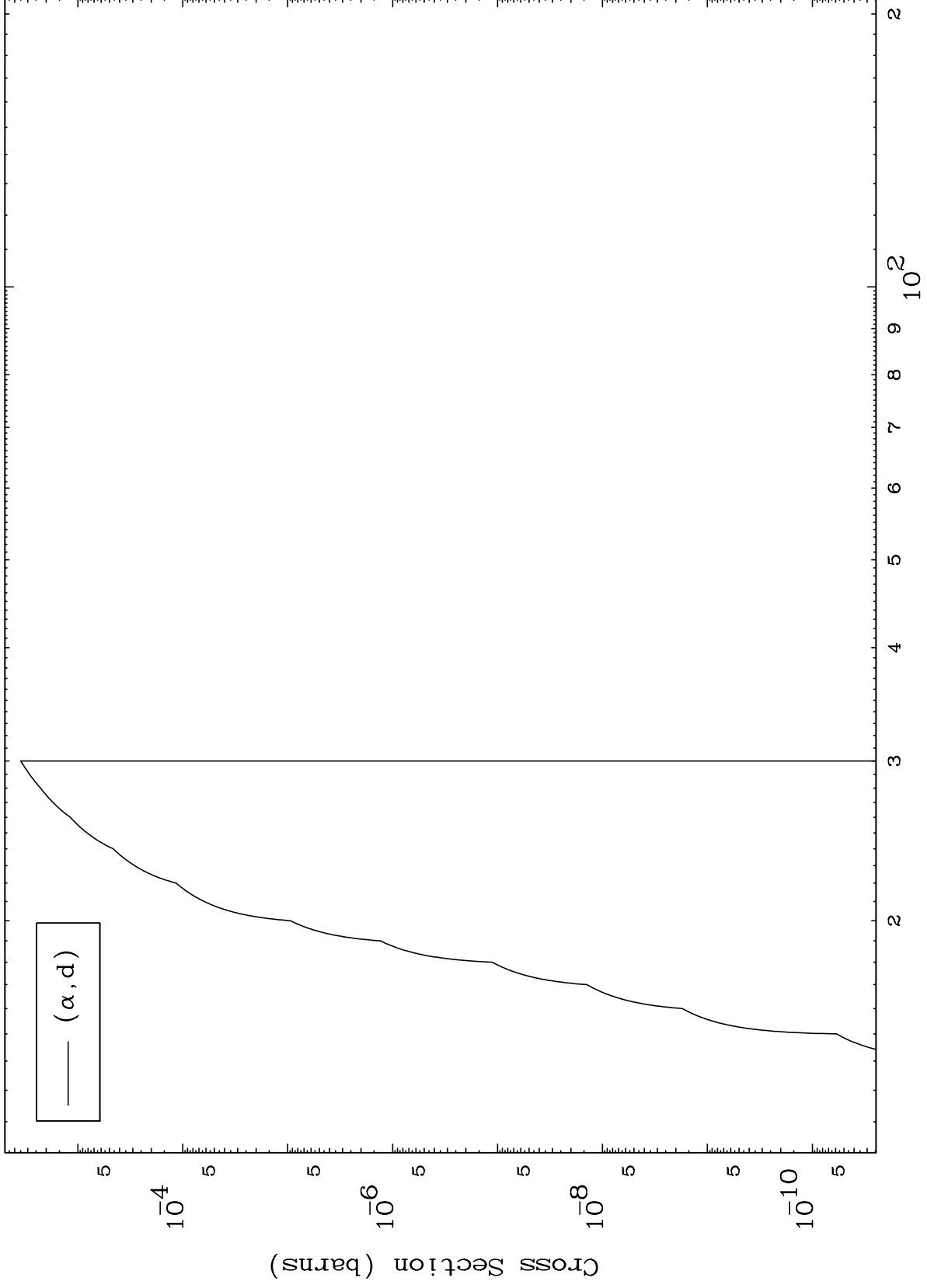
50-Sn-119

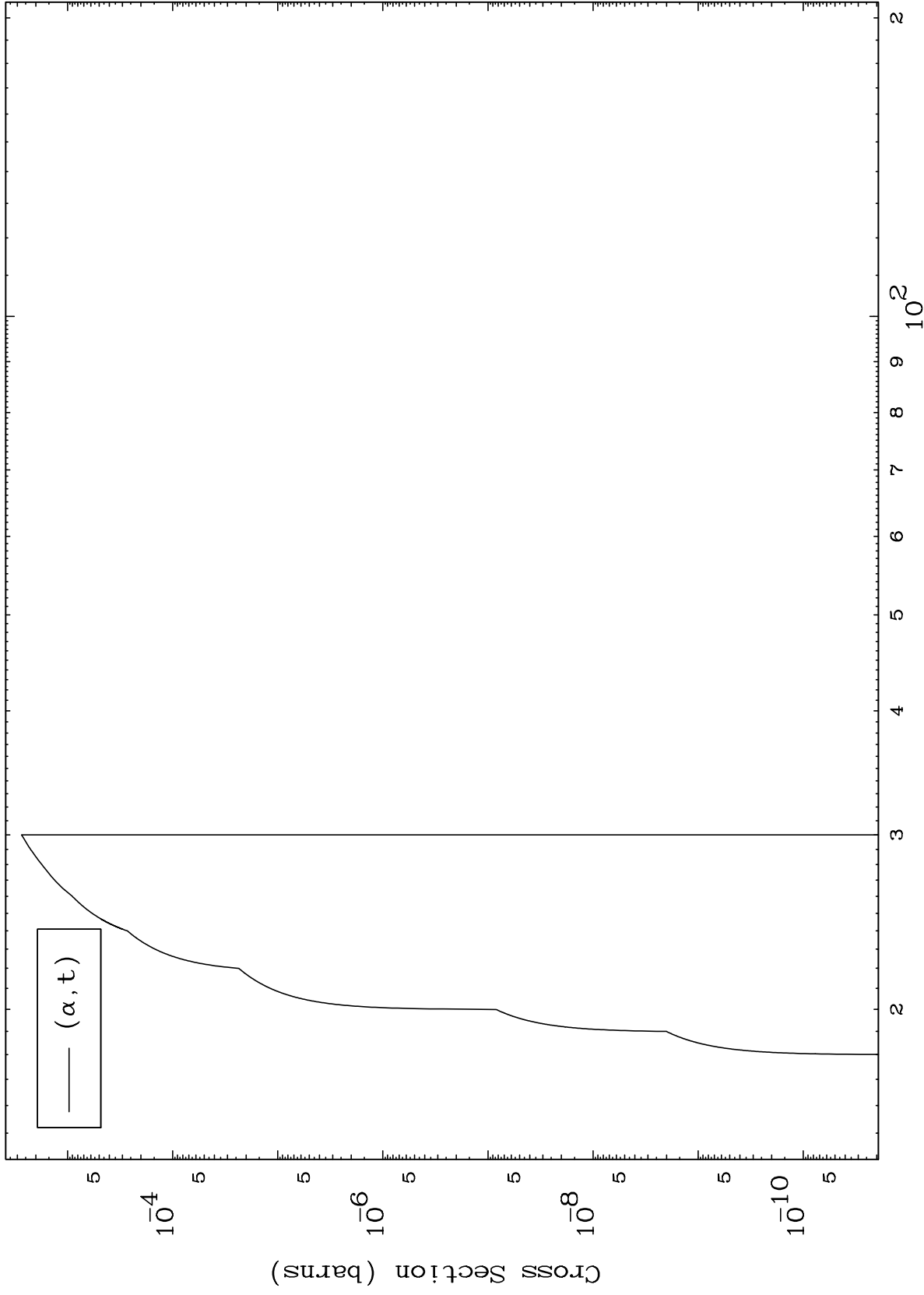


6

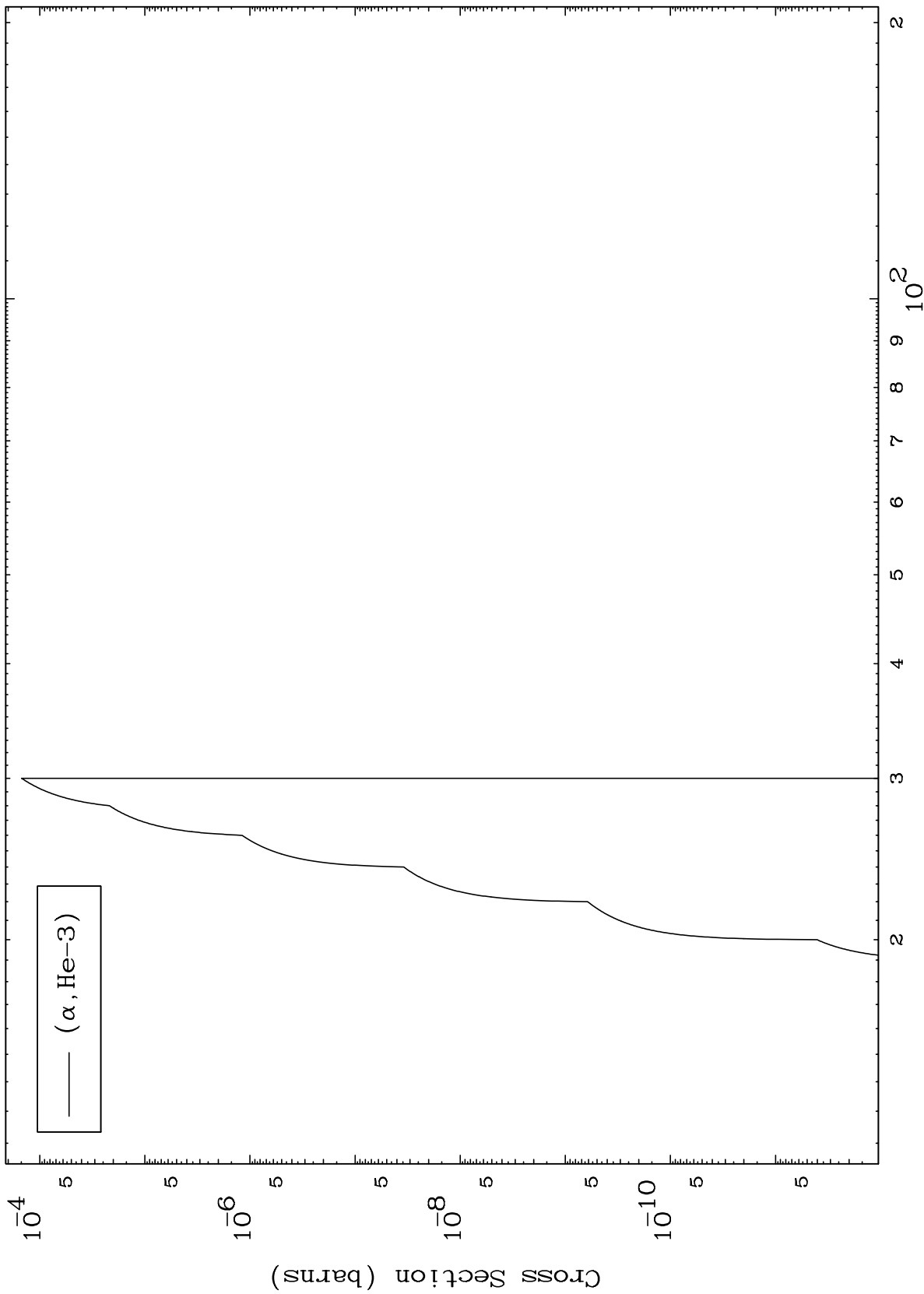
Incident Energy (MeV)

50-Sn-119





(α ,He3) Levels
0 Kelvin Cross Sections

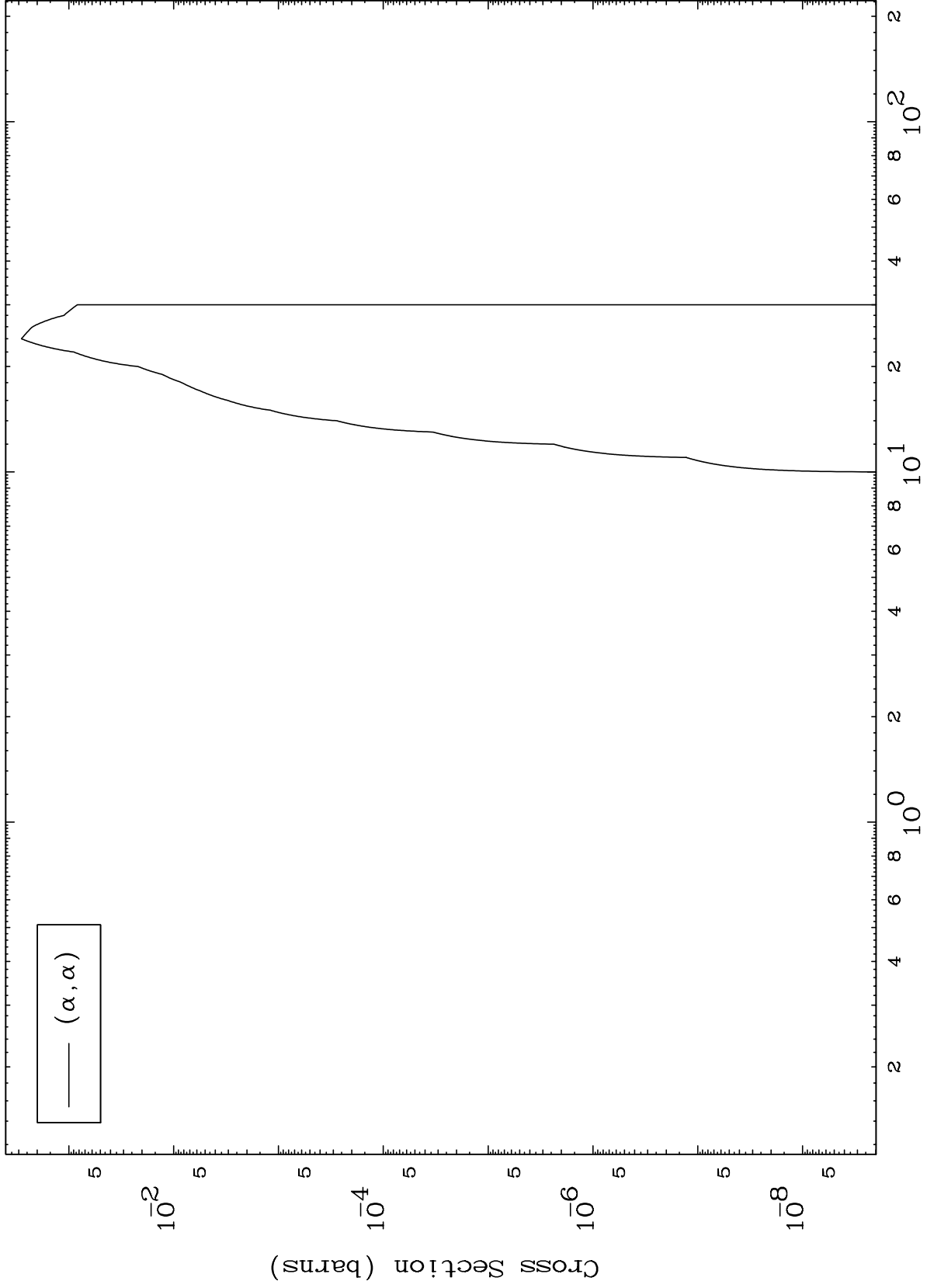


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(α, α) Levels

50-Sn-119

0 Kelvin Cross Sections



10

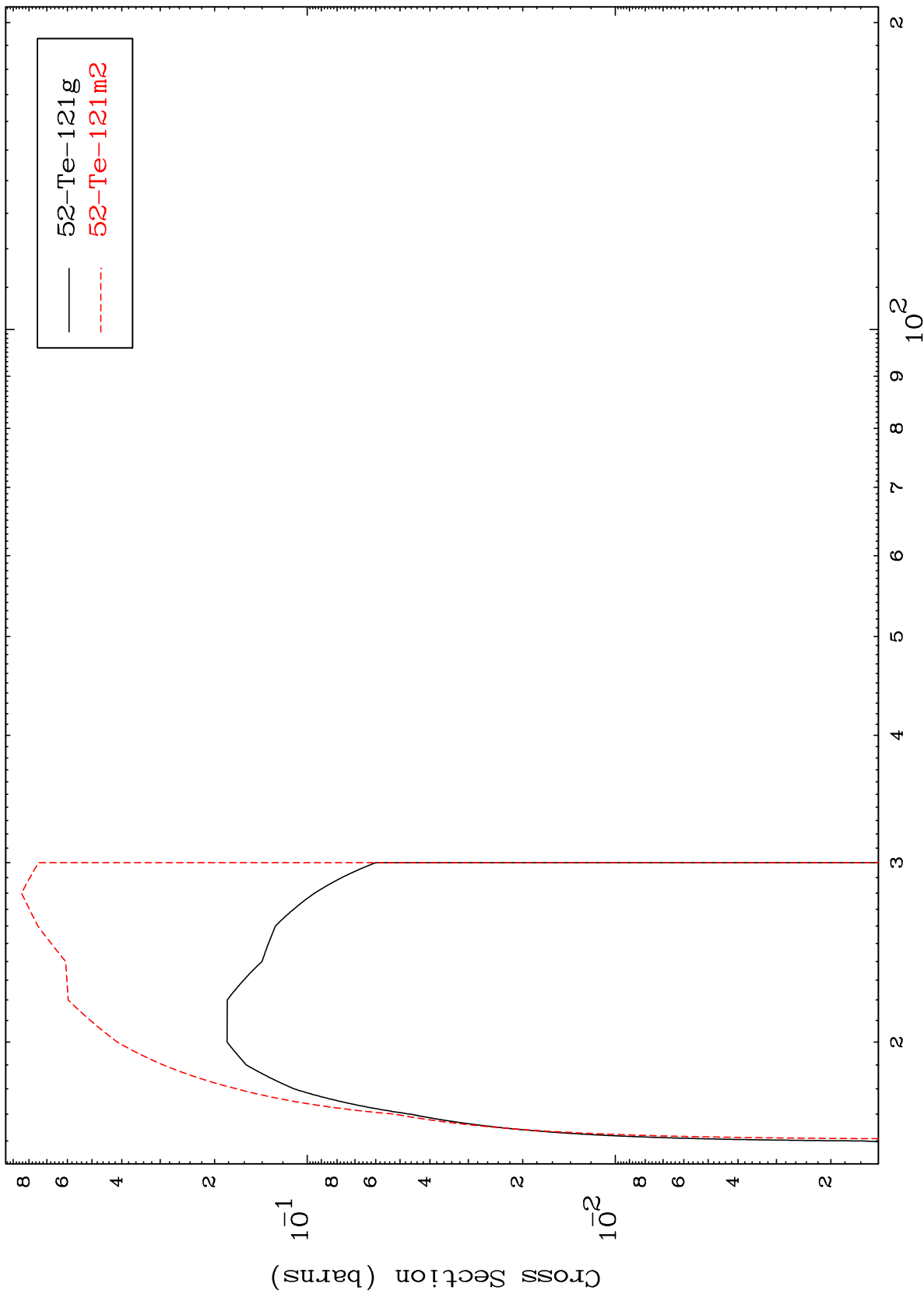
Incident Energy (MeV)

50-Sn-119

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50-Sn-119

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



50-Sn-119

Incident Energy (MeV)

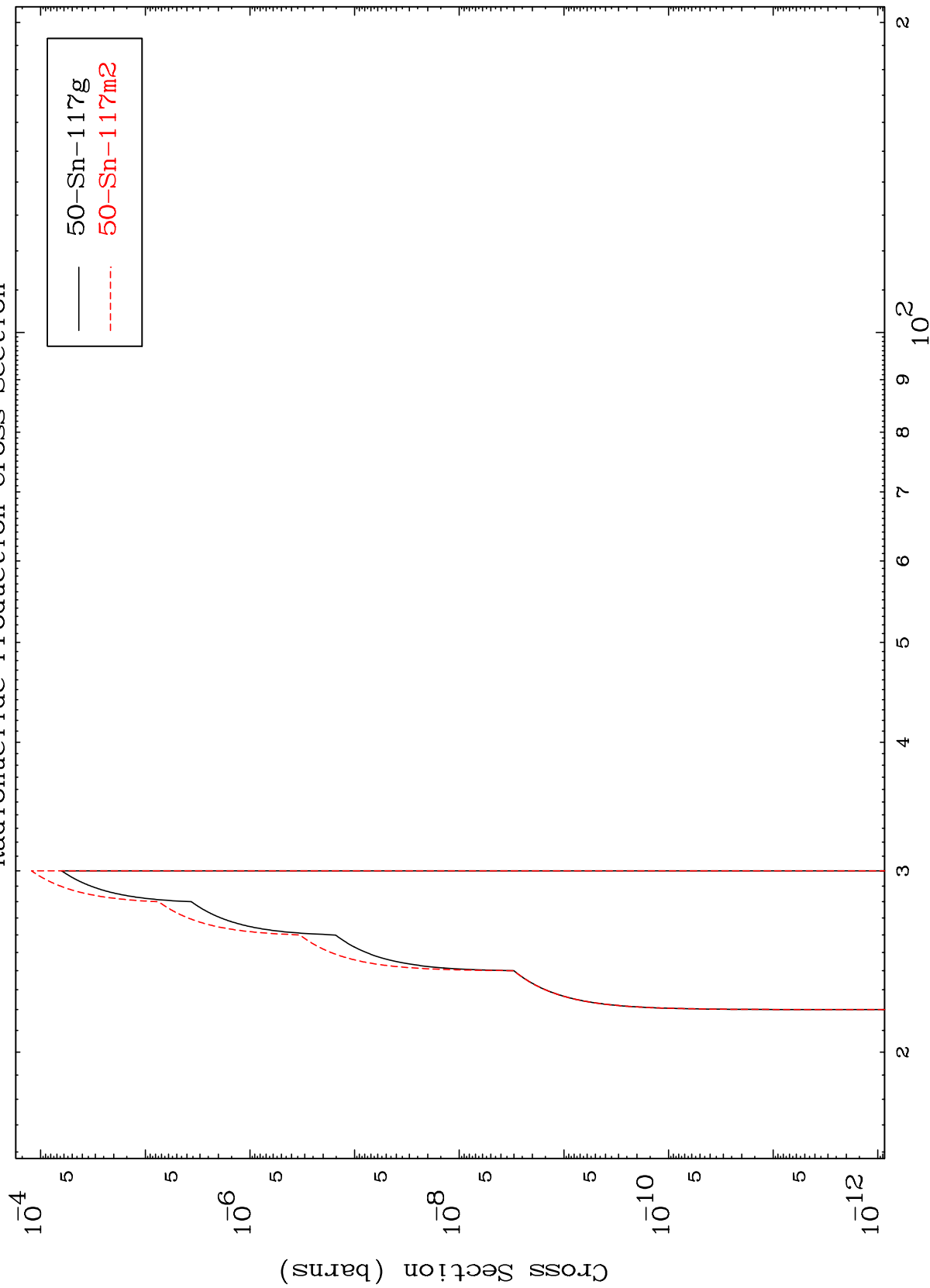
11

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50-Sn-119

$(\alpha, 2n) \alpha$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

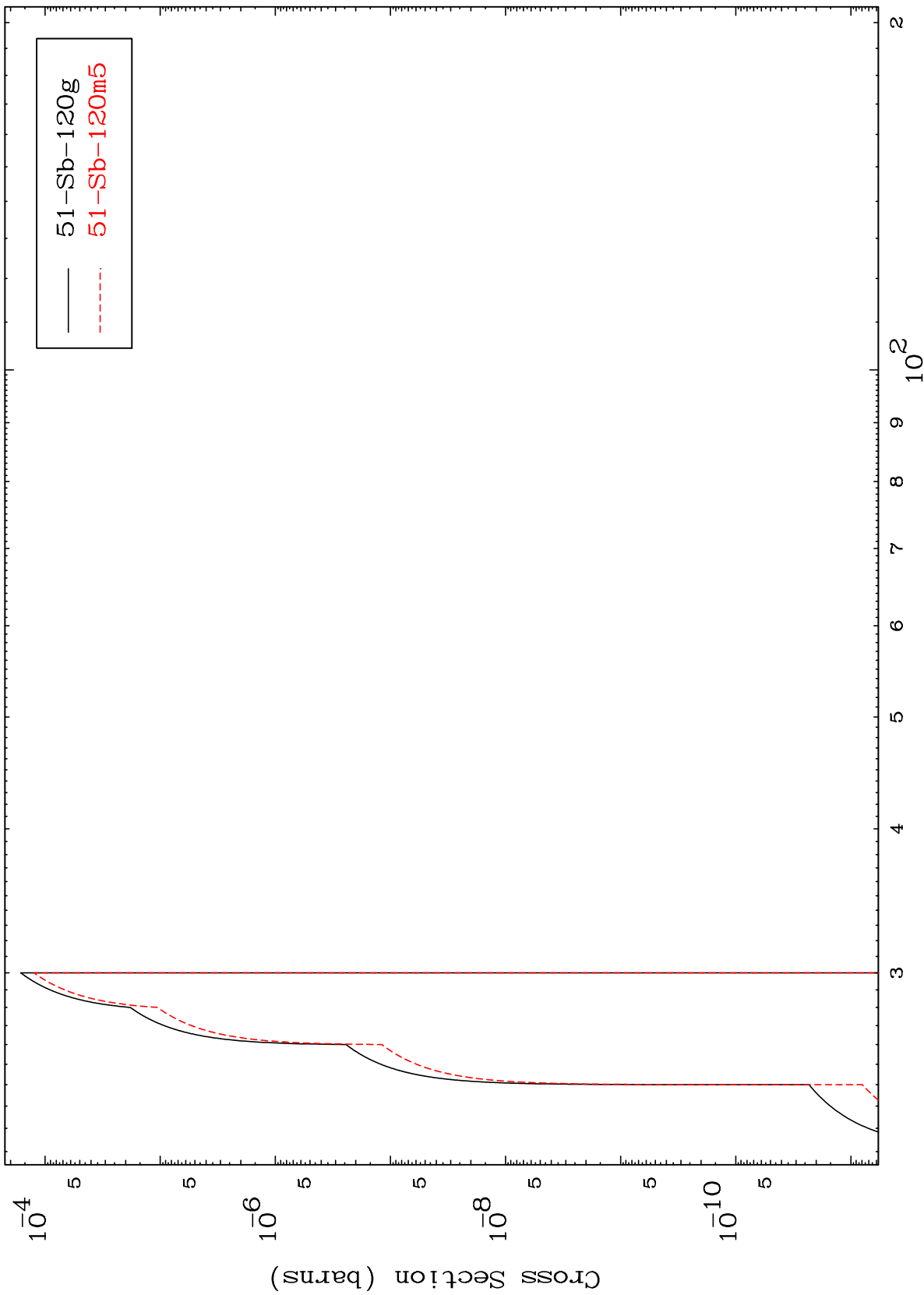
50-Sn-119

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(α, n') d

50-Sn-119

Radionuclide Production Cross Section



13

Incident Energy (MeV)

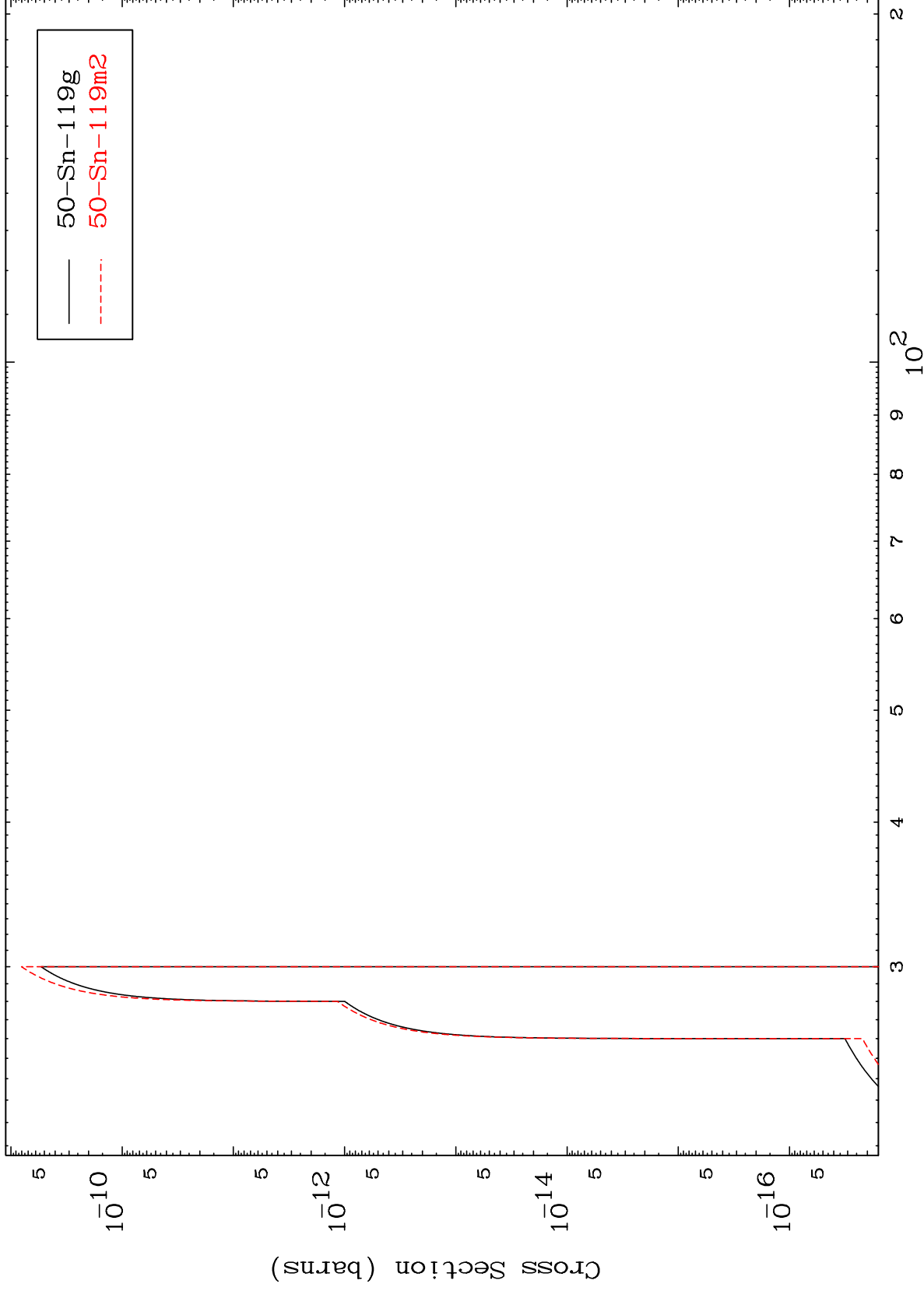
50-Sn-119

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(α, n') He-3

50-Sn-119

Radionuclide Production Cross Section



14

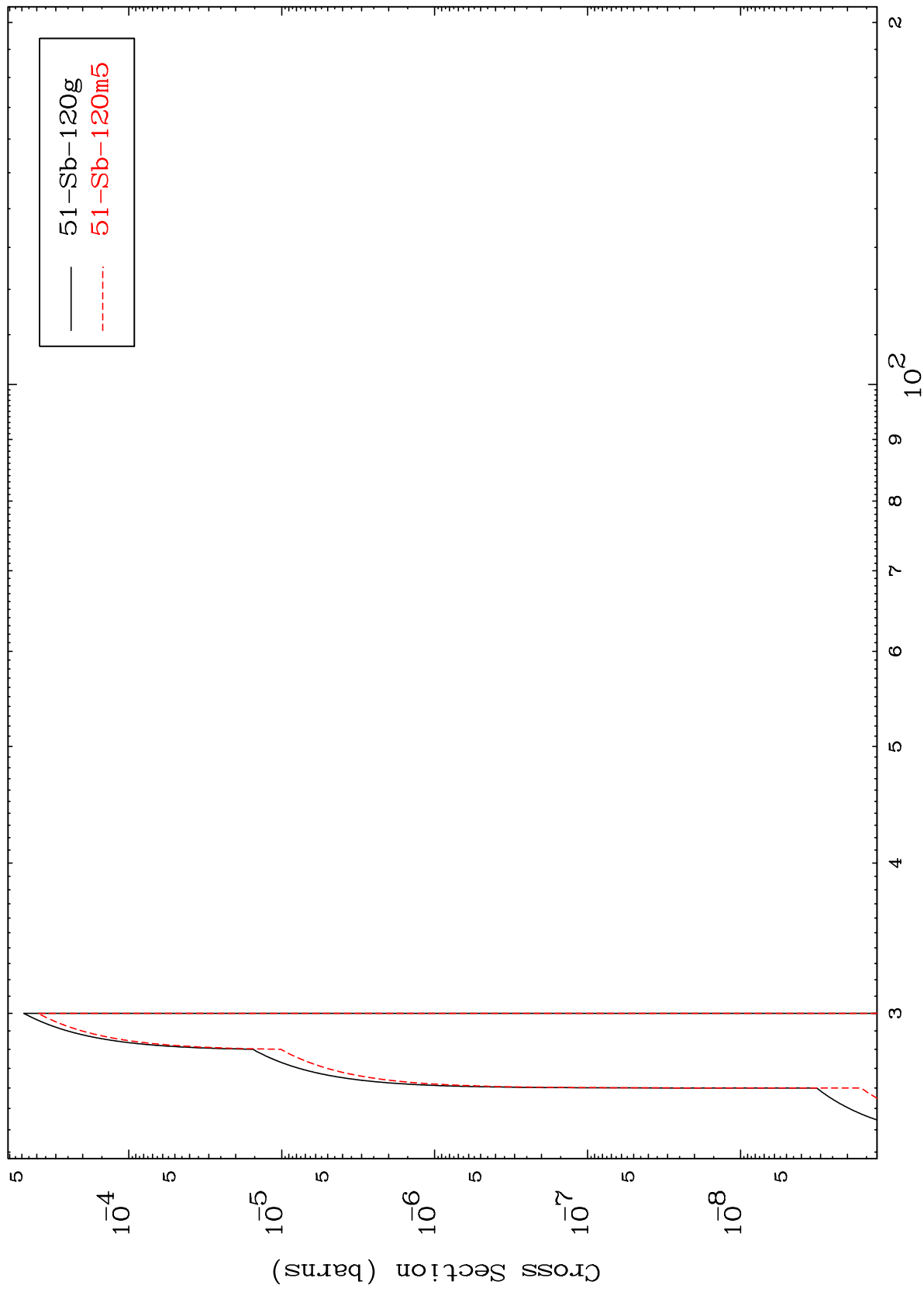
Incident Energy (MeV)

50-Sn-119

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50-Sn-119

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



50-Sn-119

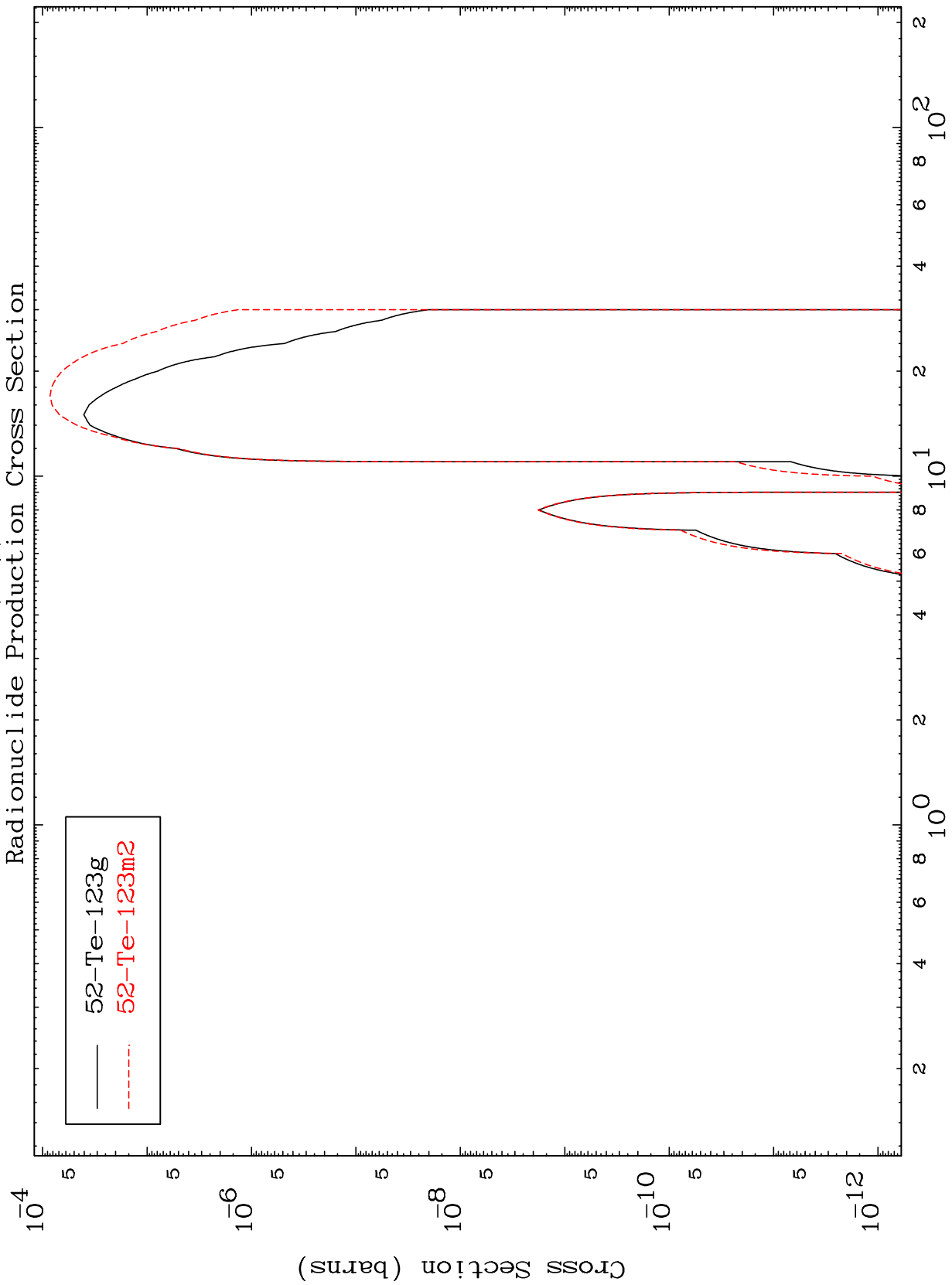
Incident Energy (MeV)

15

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50-Sn-119

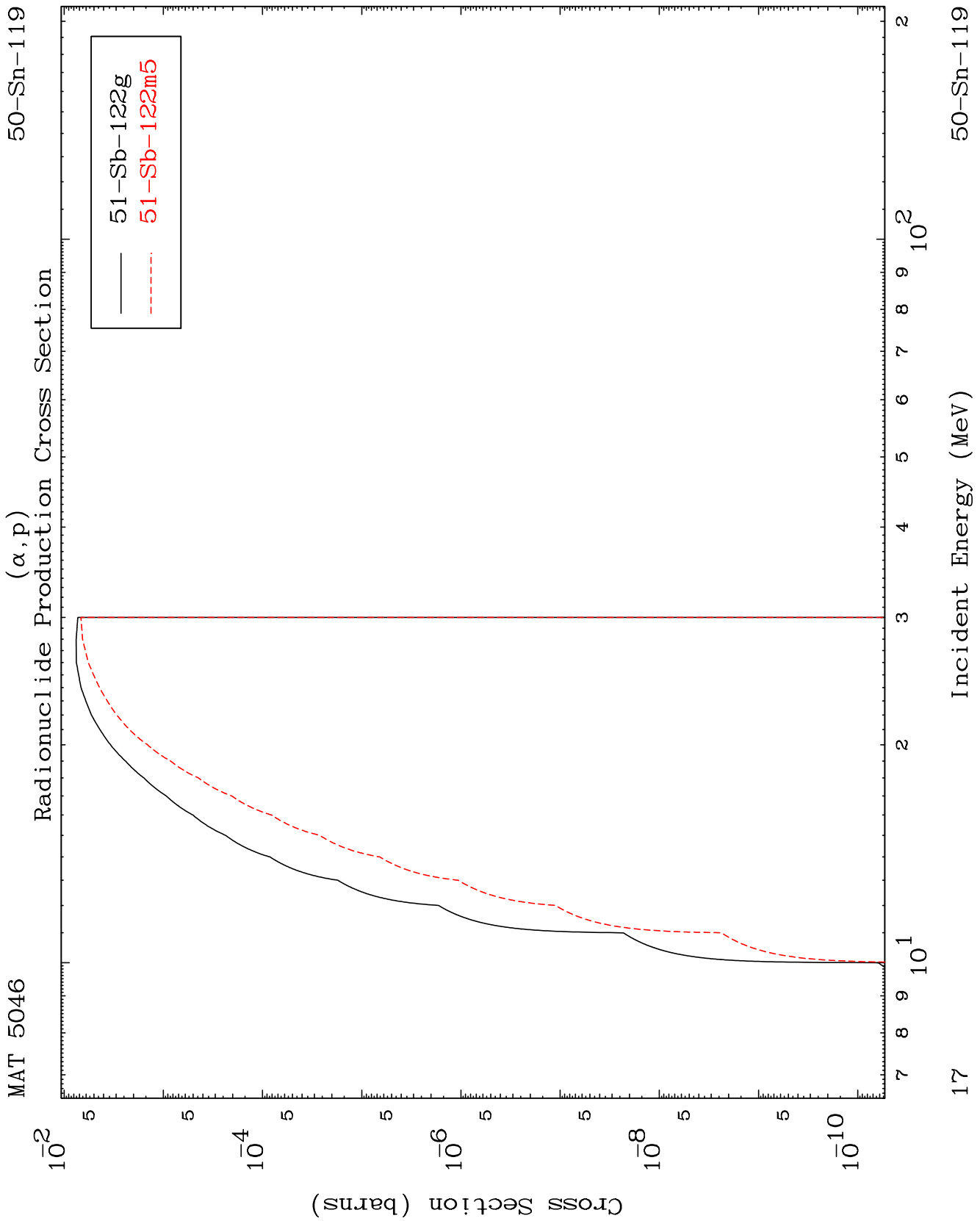
(α, γ)
Radionuclide Production Cross Section



50-Sn-119

Incident Energy (MeV)

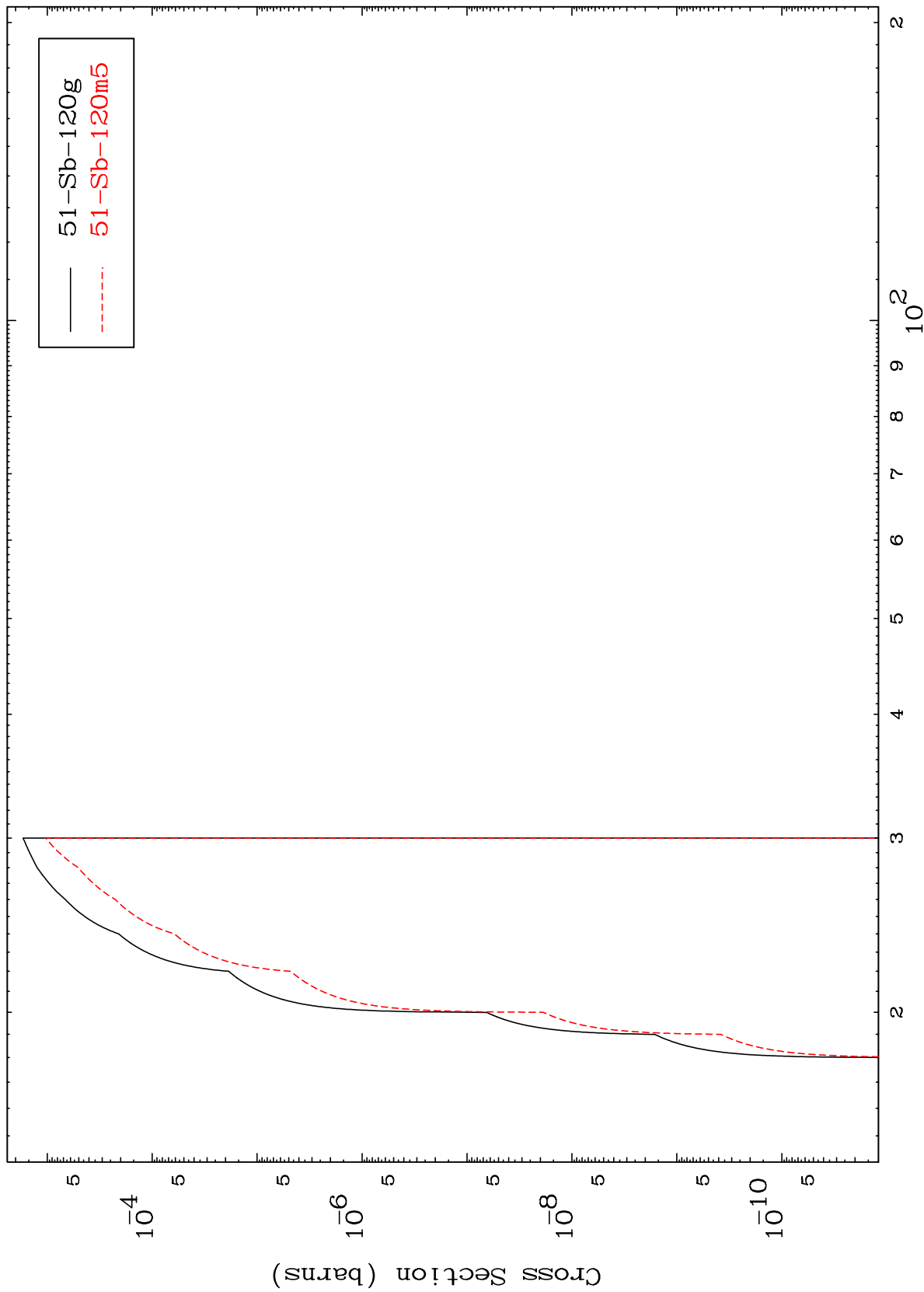
16



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50-Sn-119

(α, t)
Radionuclide Production Cross Section



18

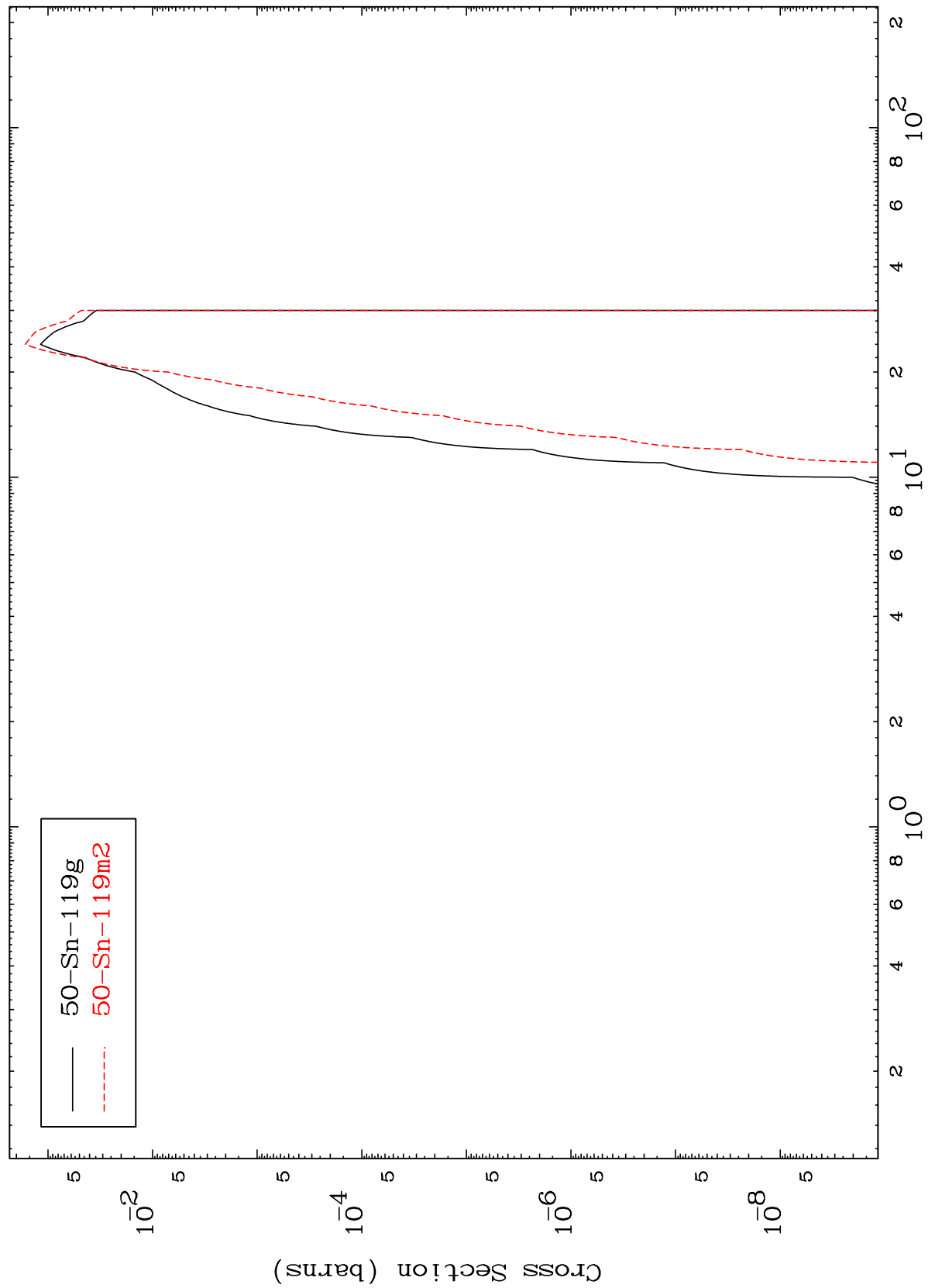
Incident Energy (MeV)

50-Sn-119

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50-Sn-119

Radionuclide Production Cross Section
(α, α)



19

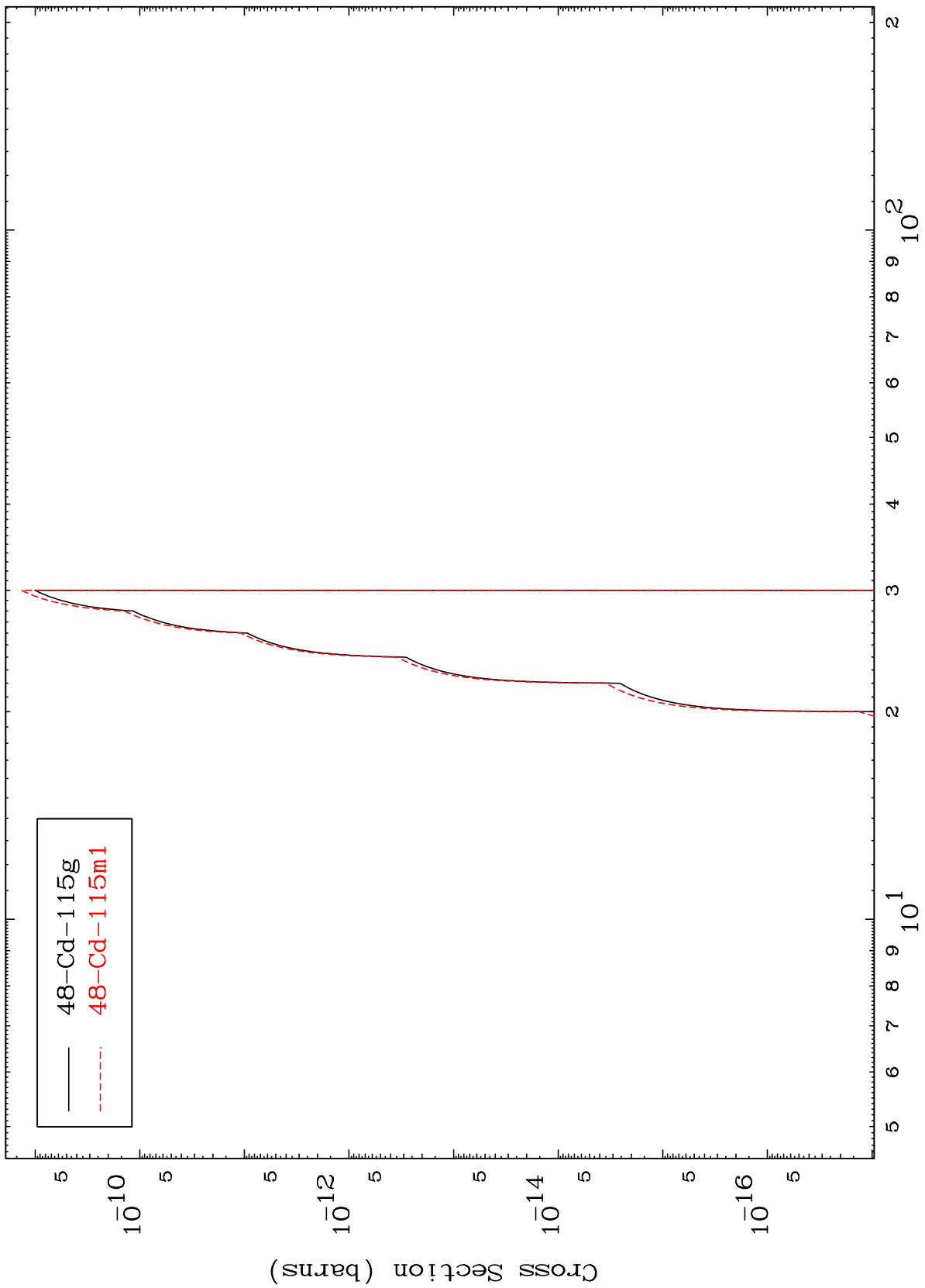
50-Sn-119

Incident Energy (MeV)

MAT 5046

50-Sn-119

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



20

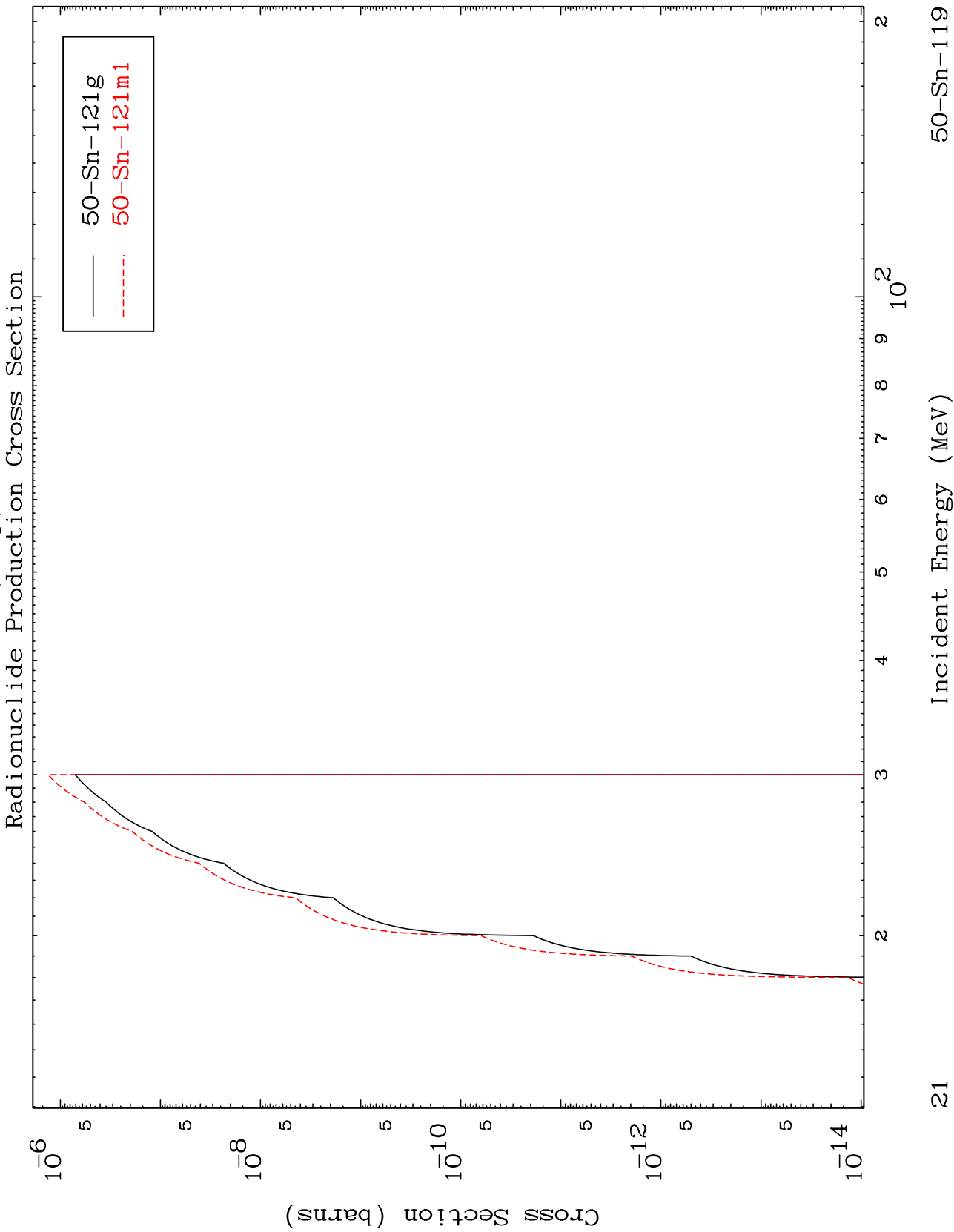
Incident Energy (MeV)

50-Sn-119

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50-Sn-119

($\alpha, 2p$)



Radionuclide Production Cross Section

