

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

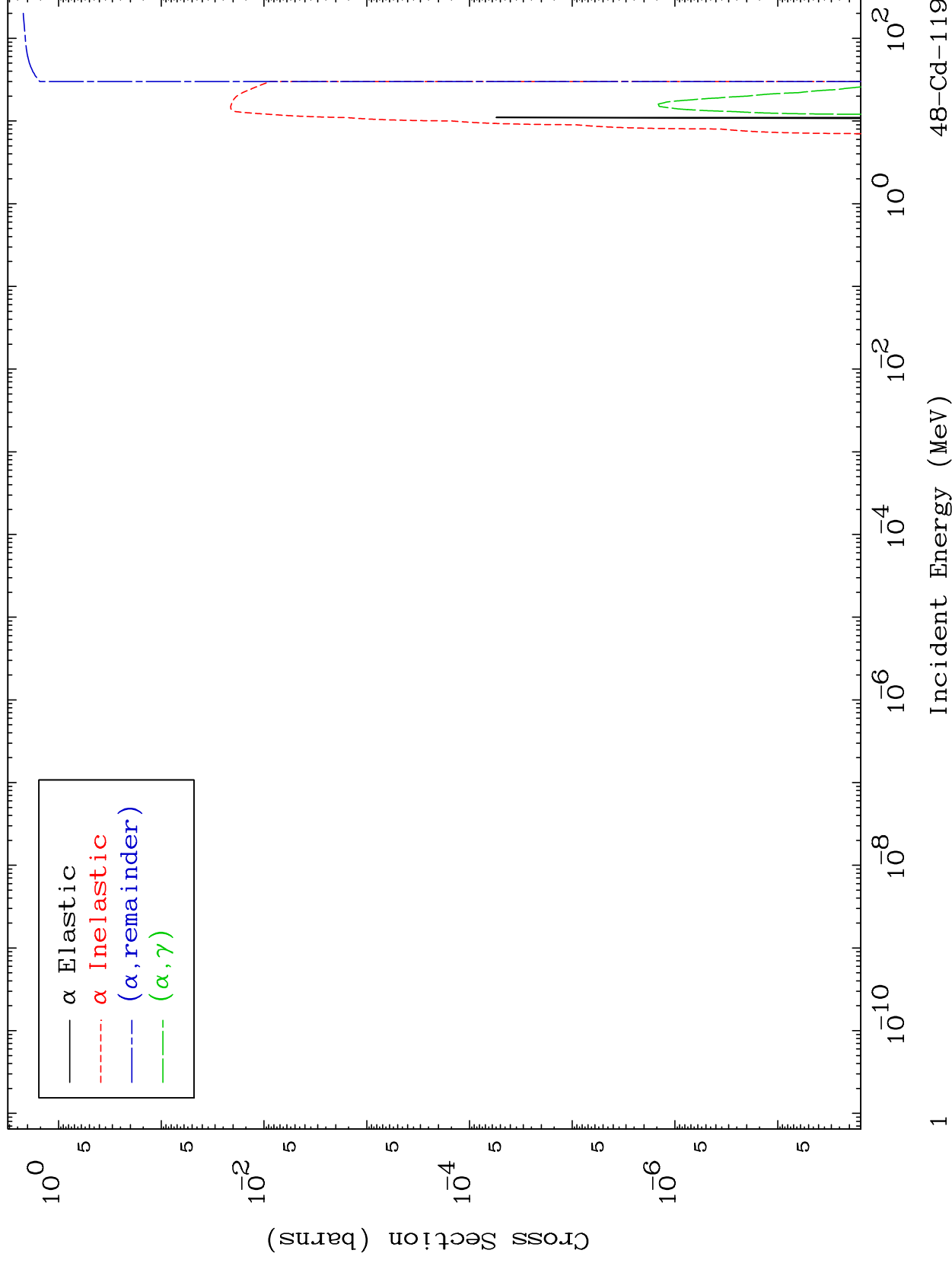
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4864

 α Major
0 Kelvin Cross Sections

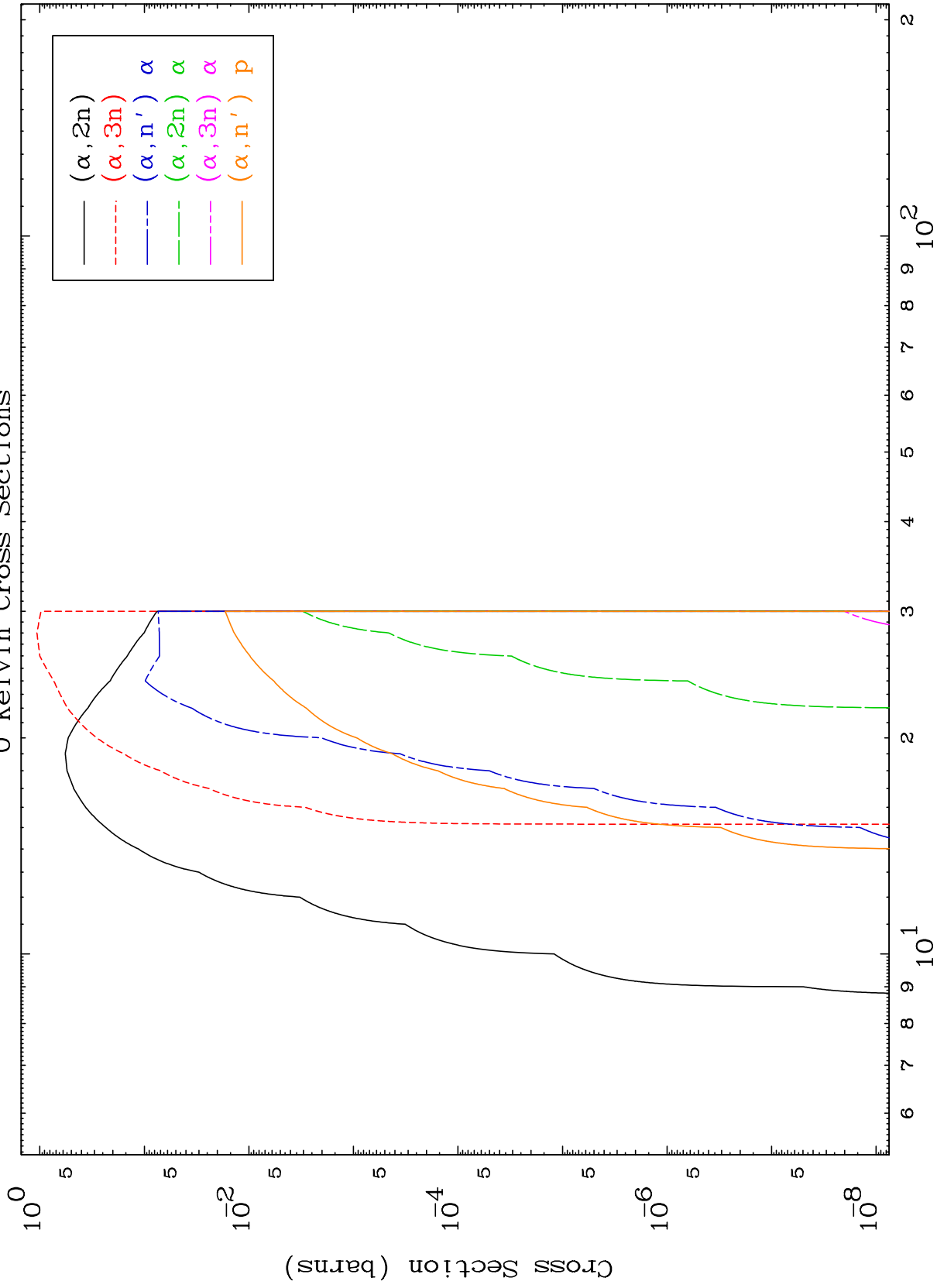
48-Cd-119



MAT 4864

α Neutron Production
0 Kelvin Cross Sections

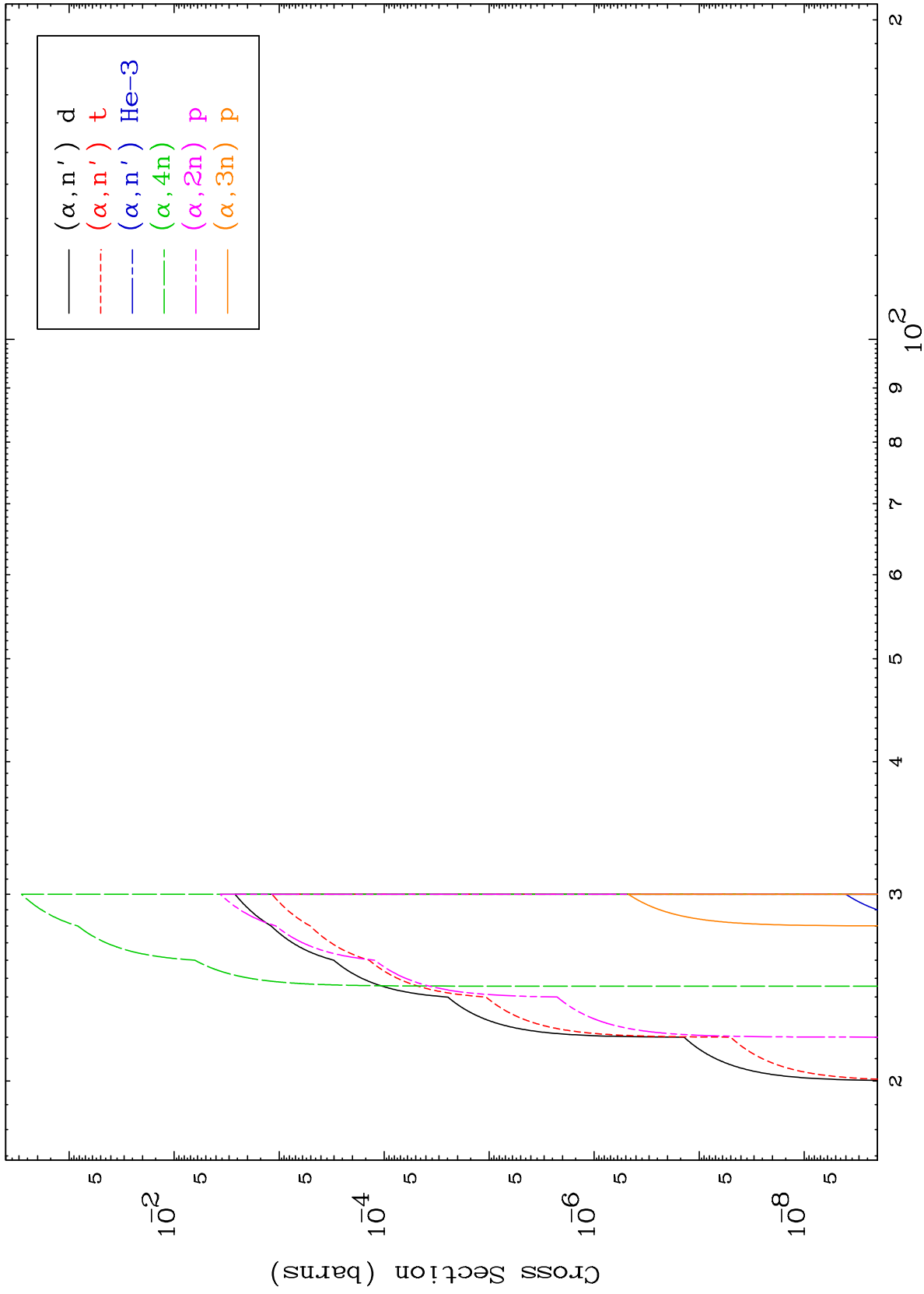
48-Cd-119

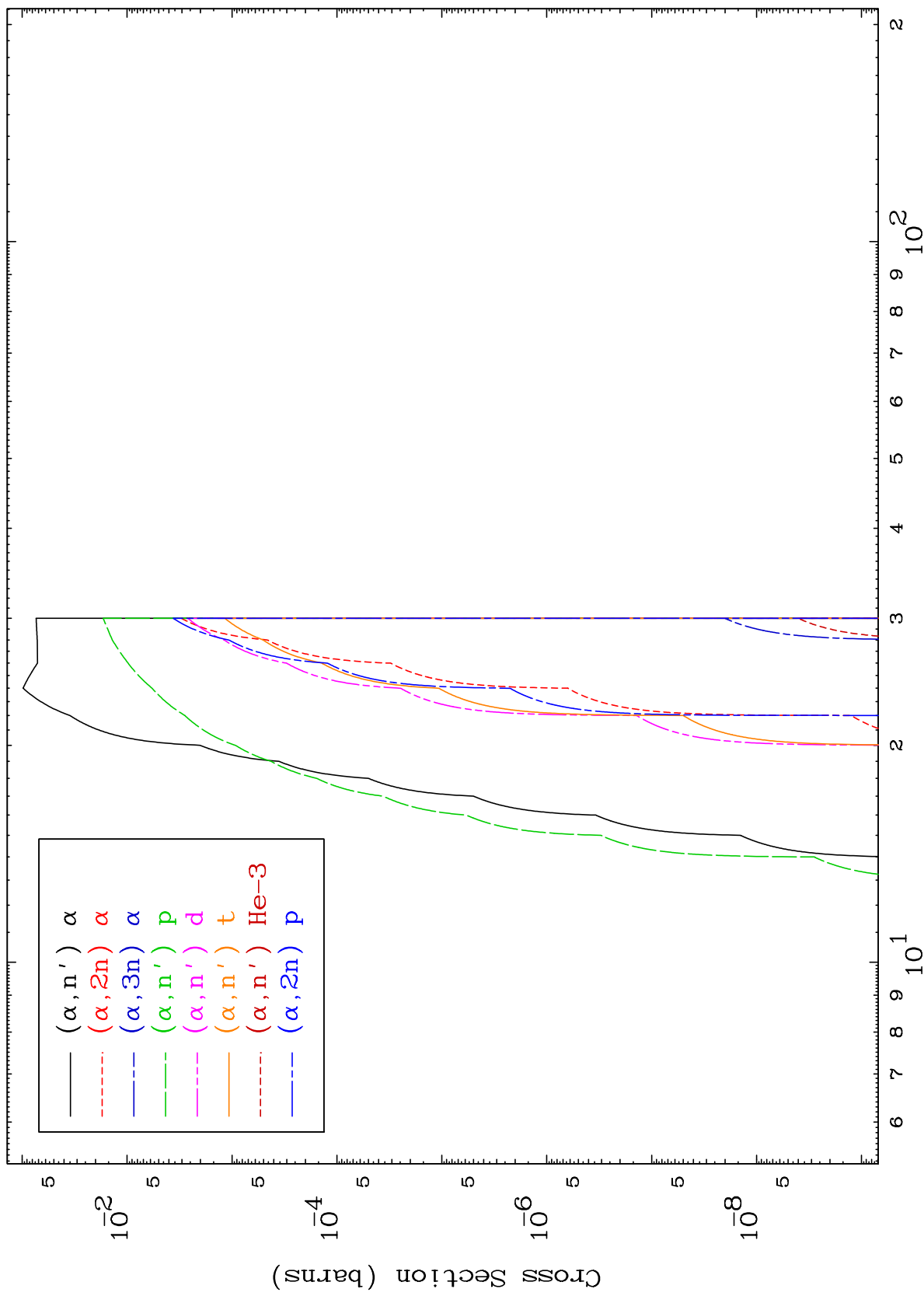


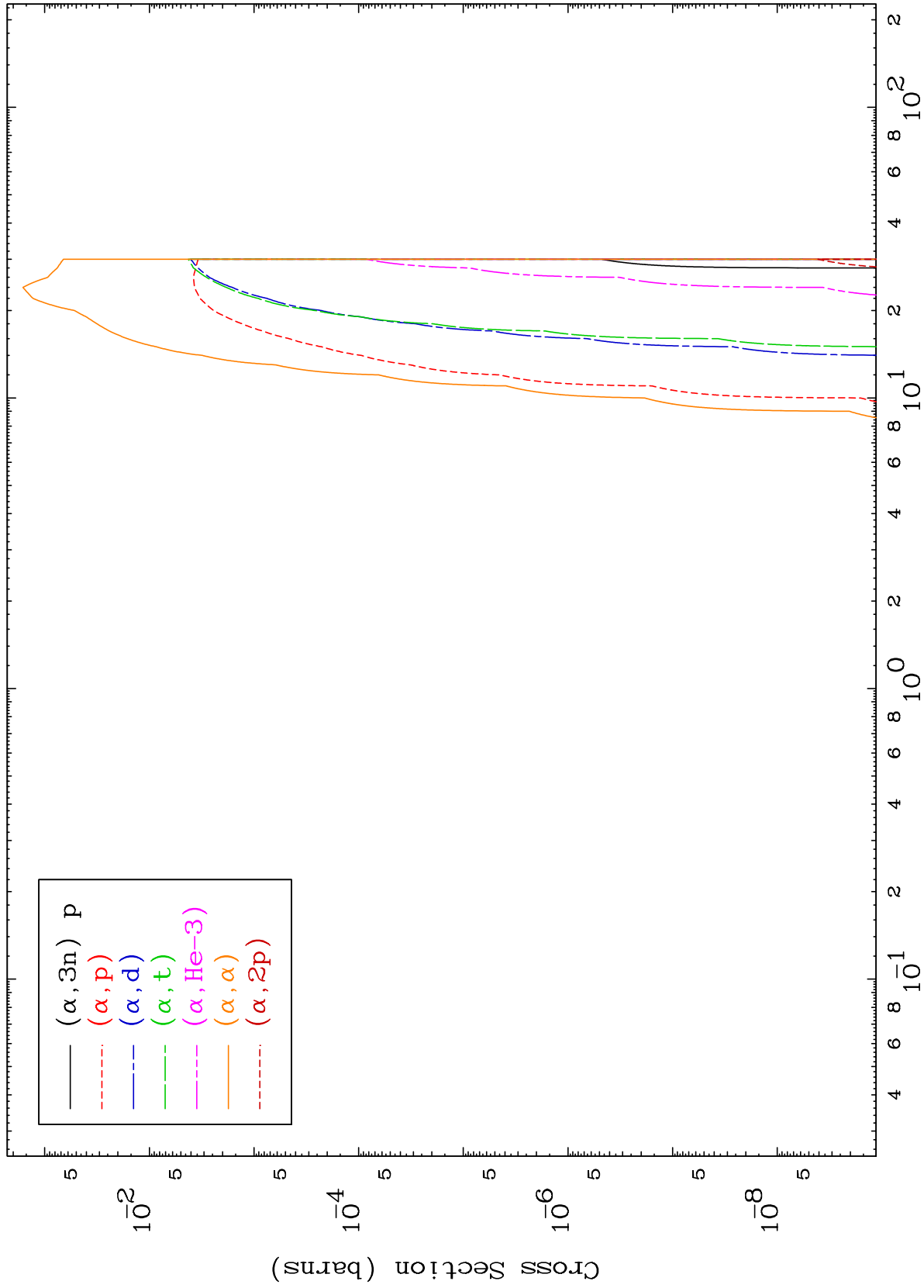
2

Incident Energy (MeV)

48-Cd-119



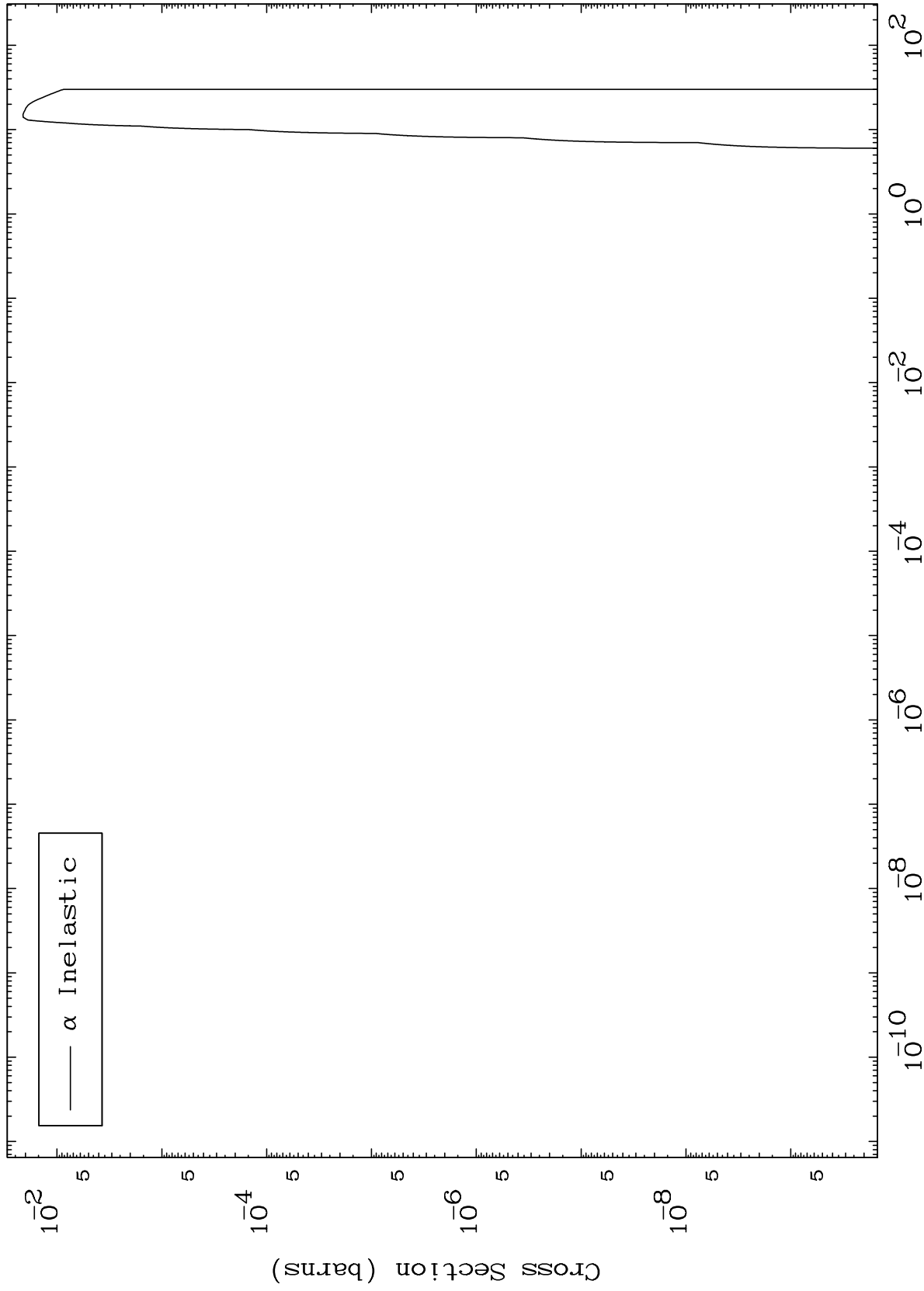




MAT 4864

(α, n') Level
0 Kelvin Cross Sections

48-Cd-119



6

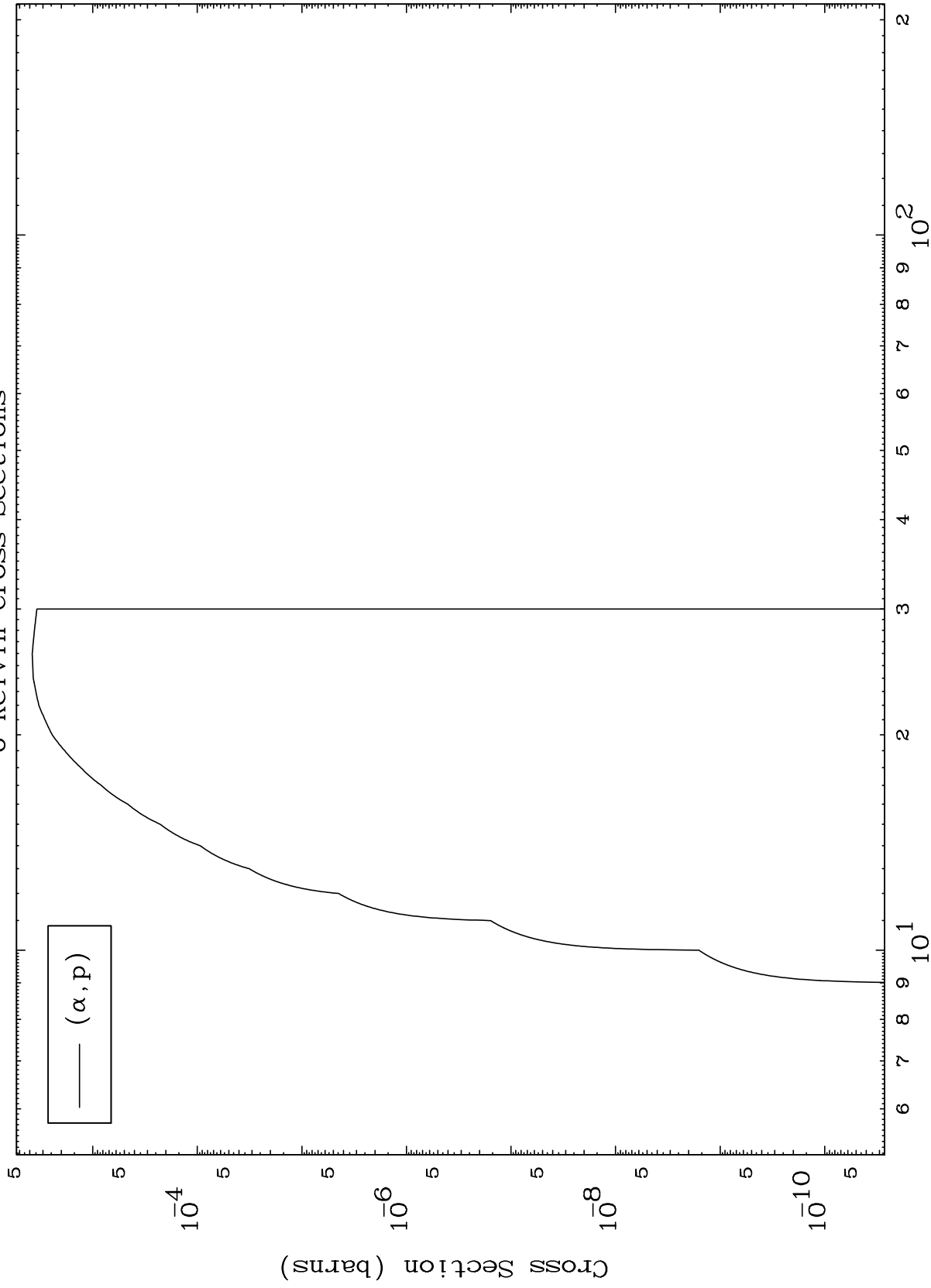
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

(α ,p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

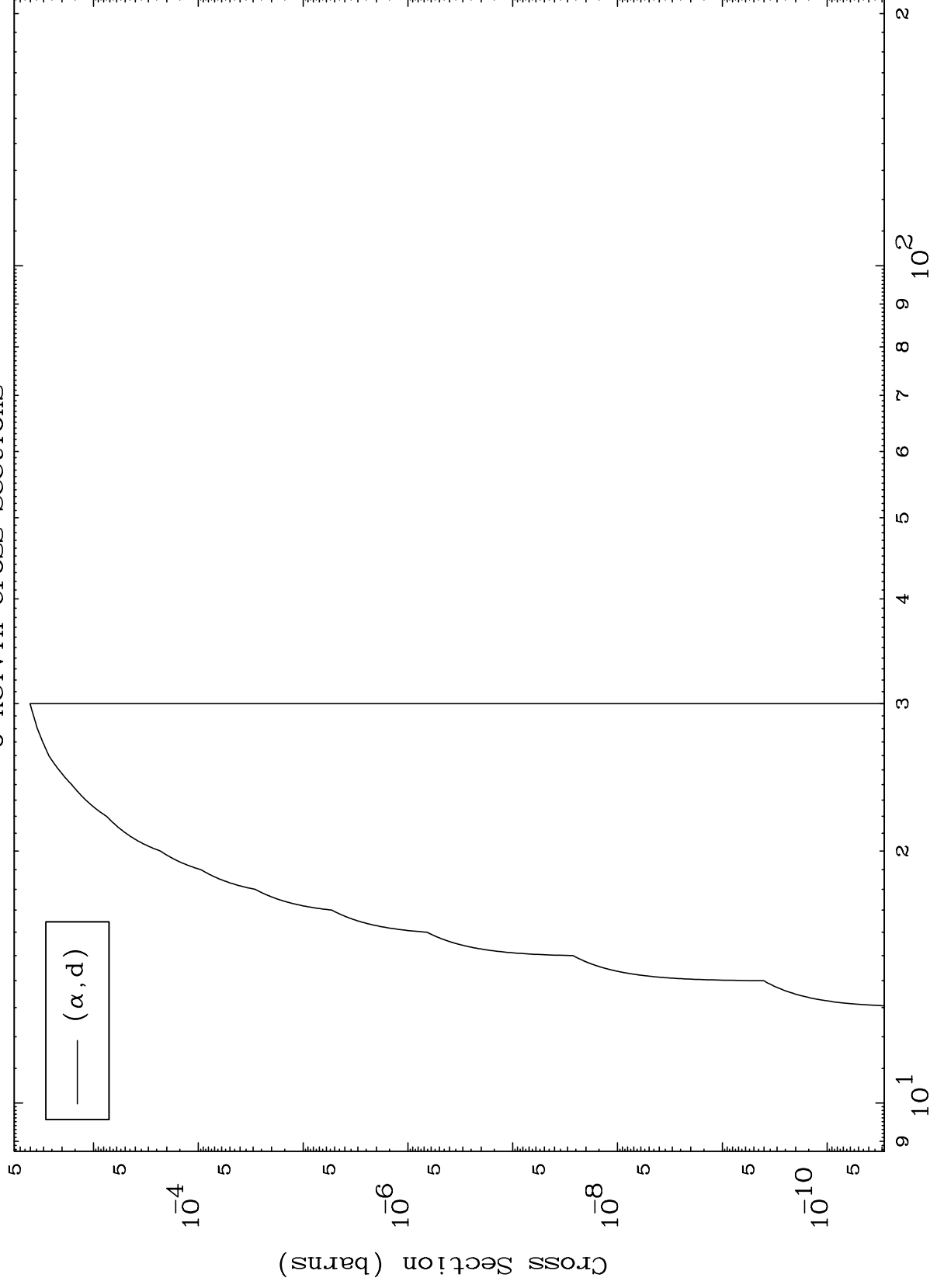
48-Cd-119

MAT 4864

(α ,d) Levels

48-Cd-119

0 Kelvin Cross Sections



8

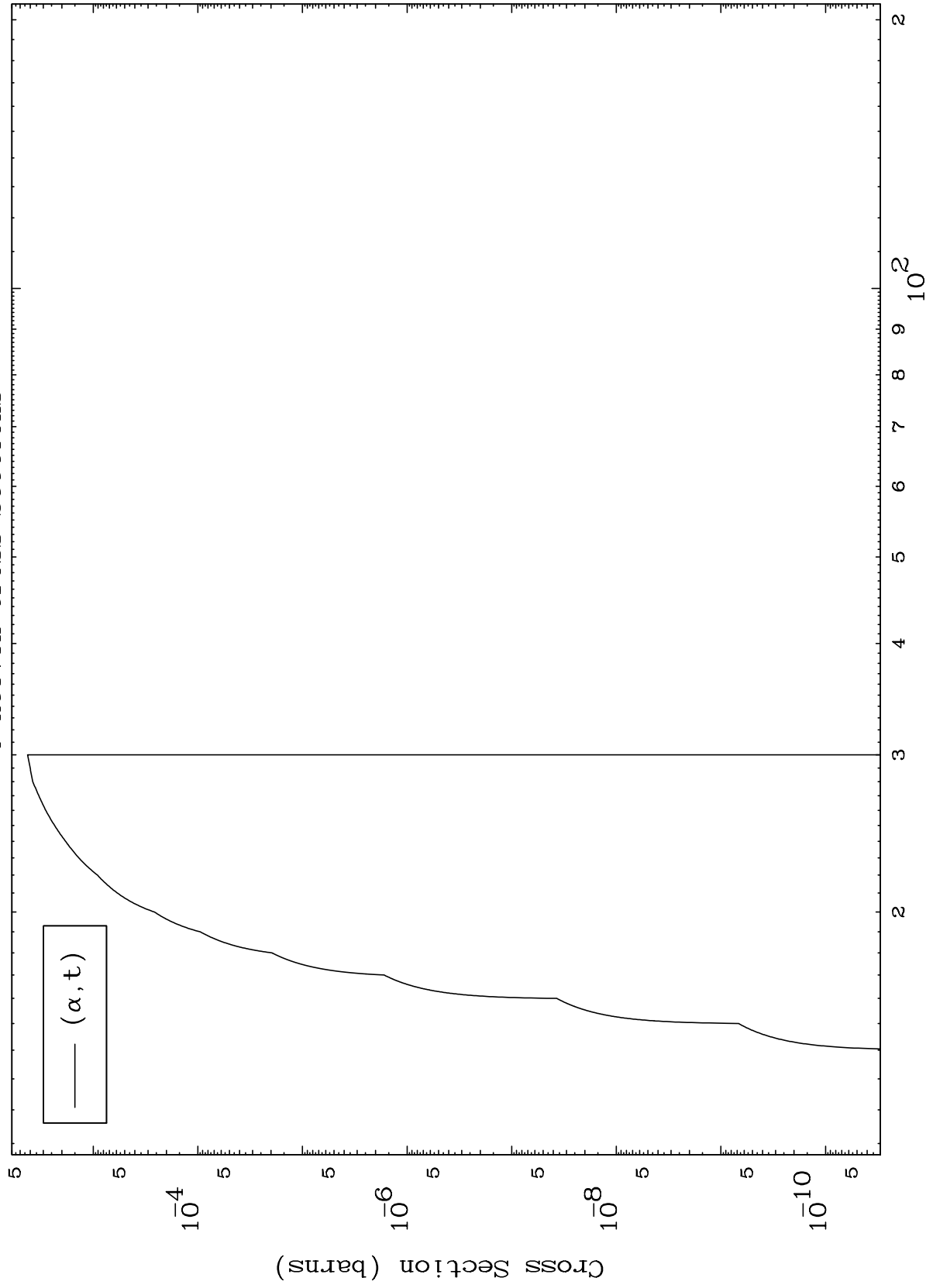
Incident Energy (MeV)

48-Cd-119

MAT 4864

(α ,t) Levels
0 Kelvin Cross Sections

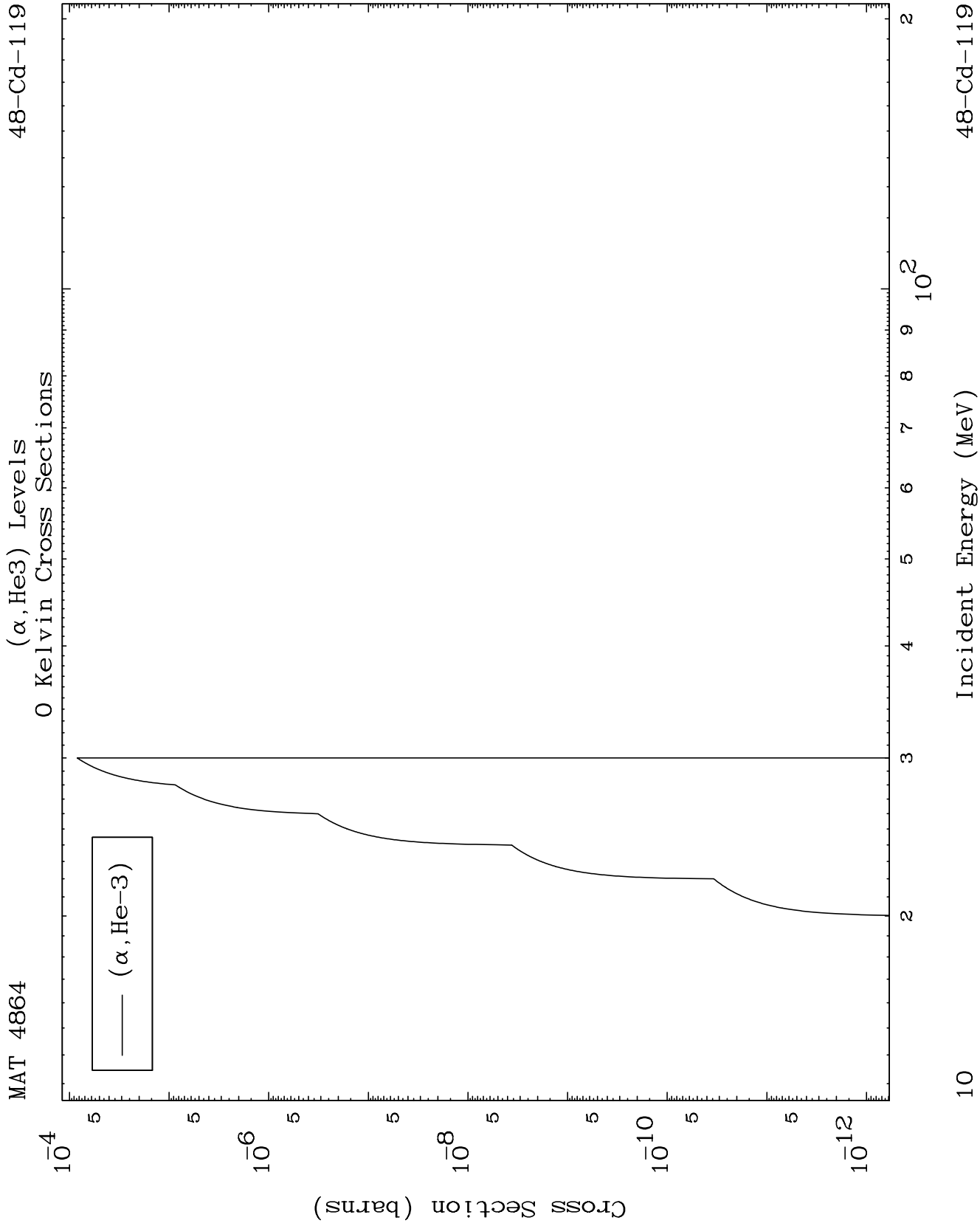
48-Cd-119



9

Incident Energy (MeV)

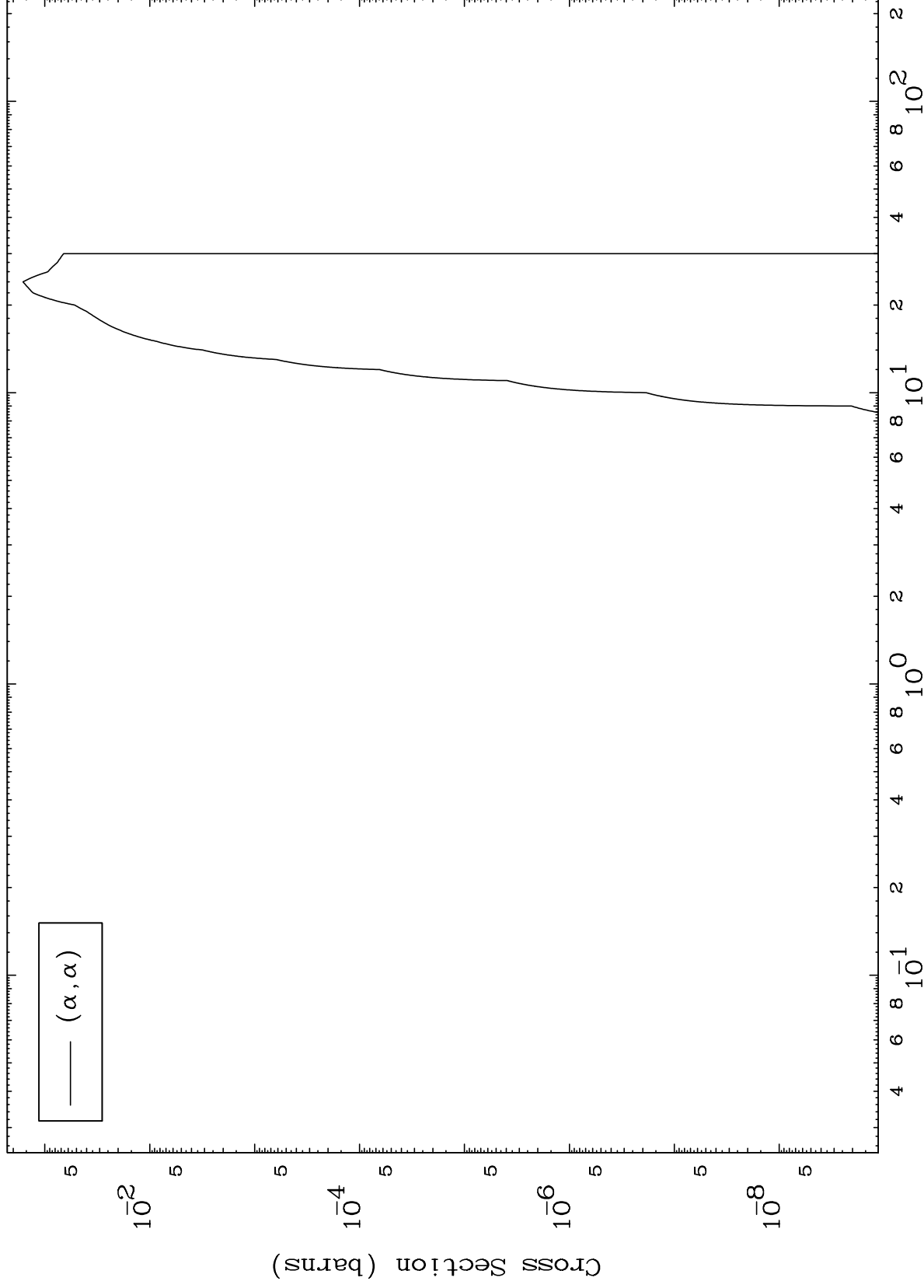
48-Cd-119



MAT 4864

(α, α) Levels
0 Kelvin Cross Sections

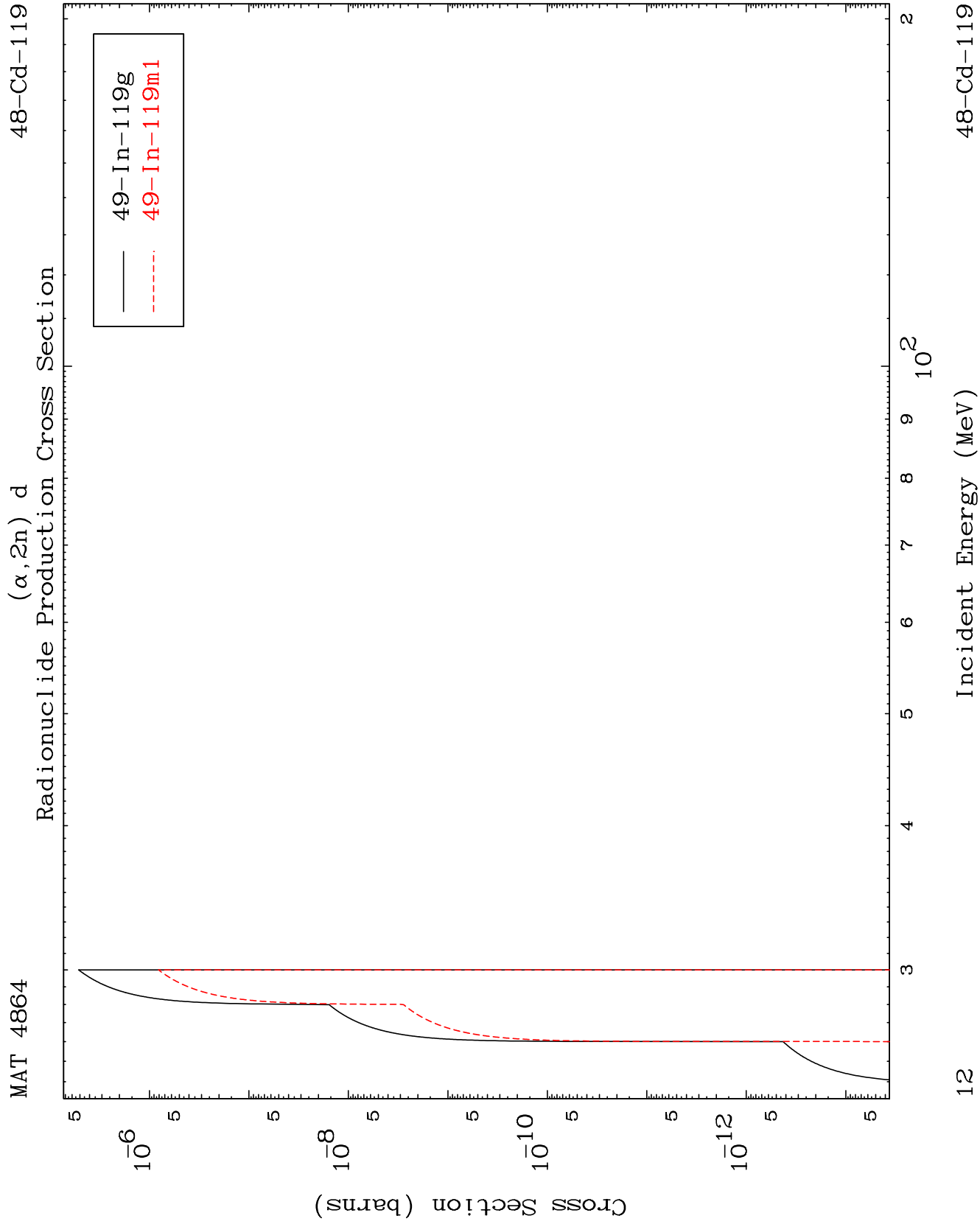
48-Cd-119



11

Incident Energy (MeV)

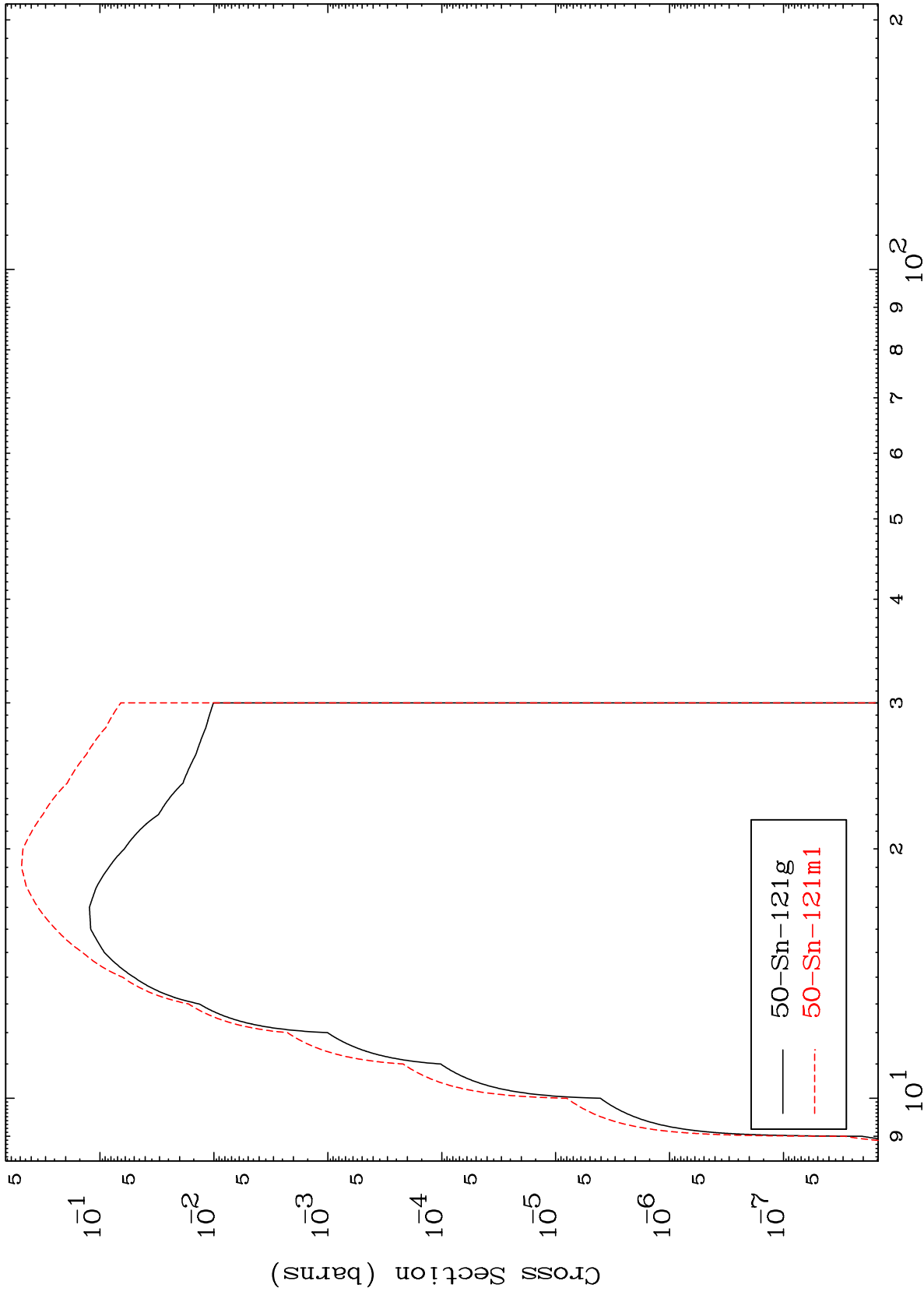
48-Cd-119



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48-Cd-119

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

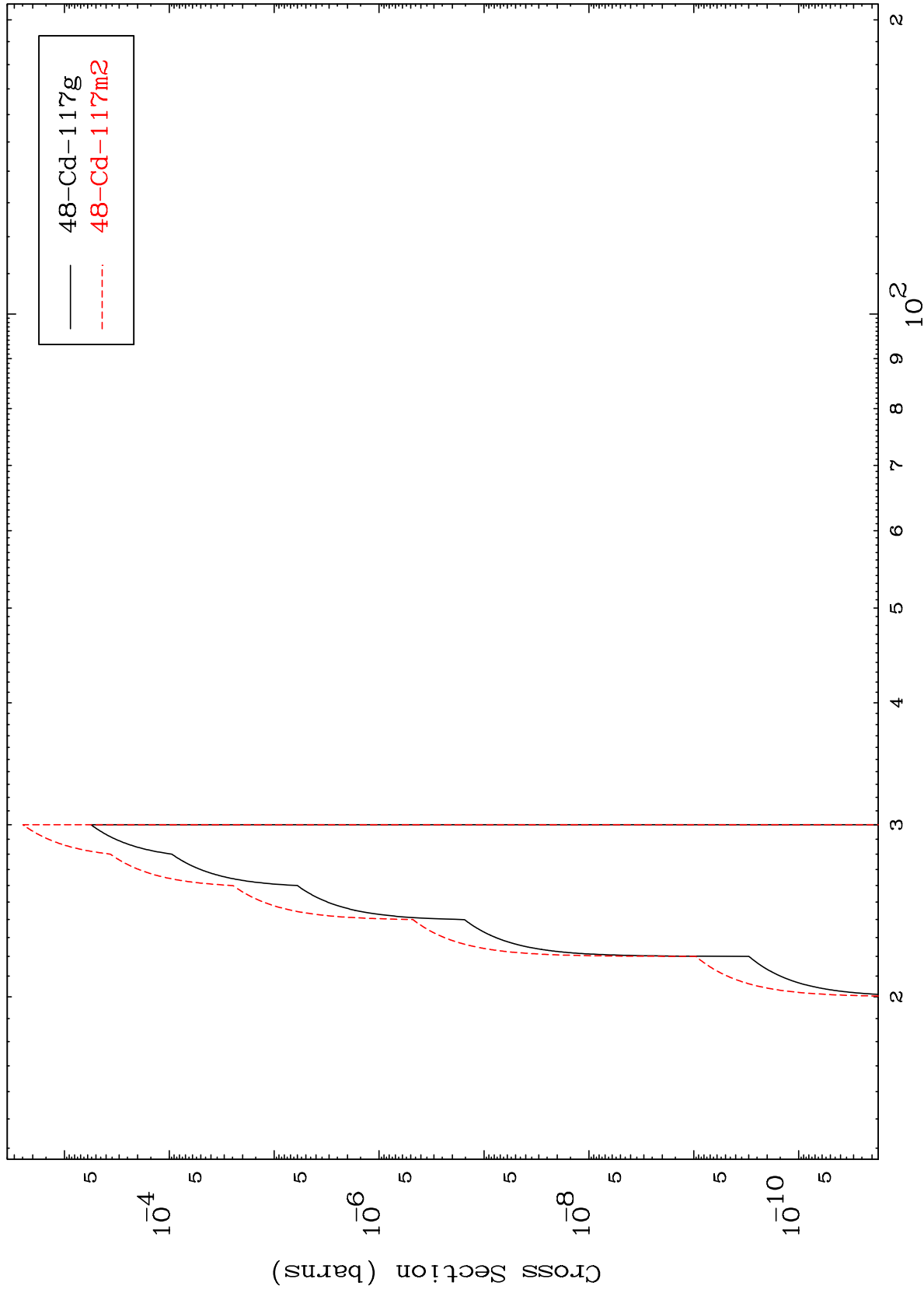


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$(\alpha, 2n) \alpha$

48-Cd-119

Radionuclide Production Cross Section



14

Incident Energy (MeV)

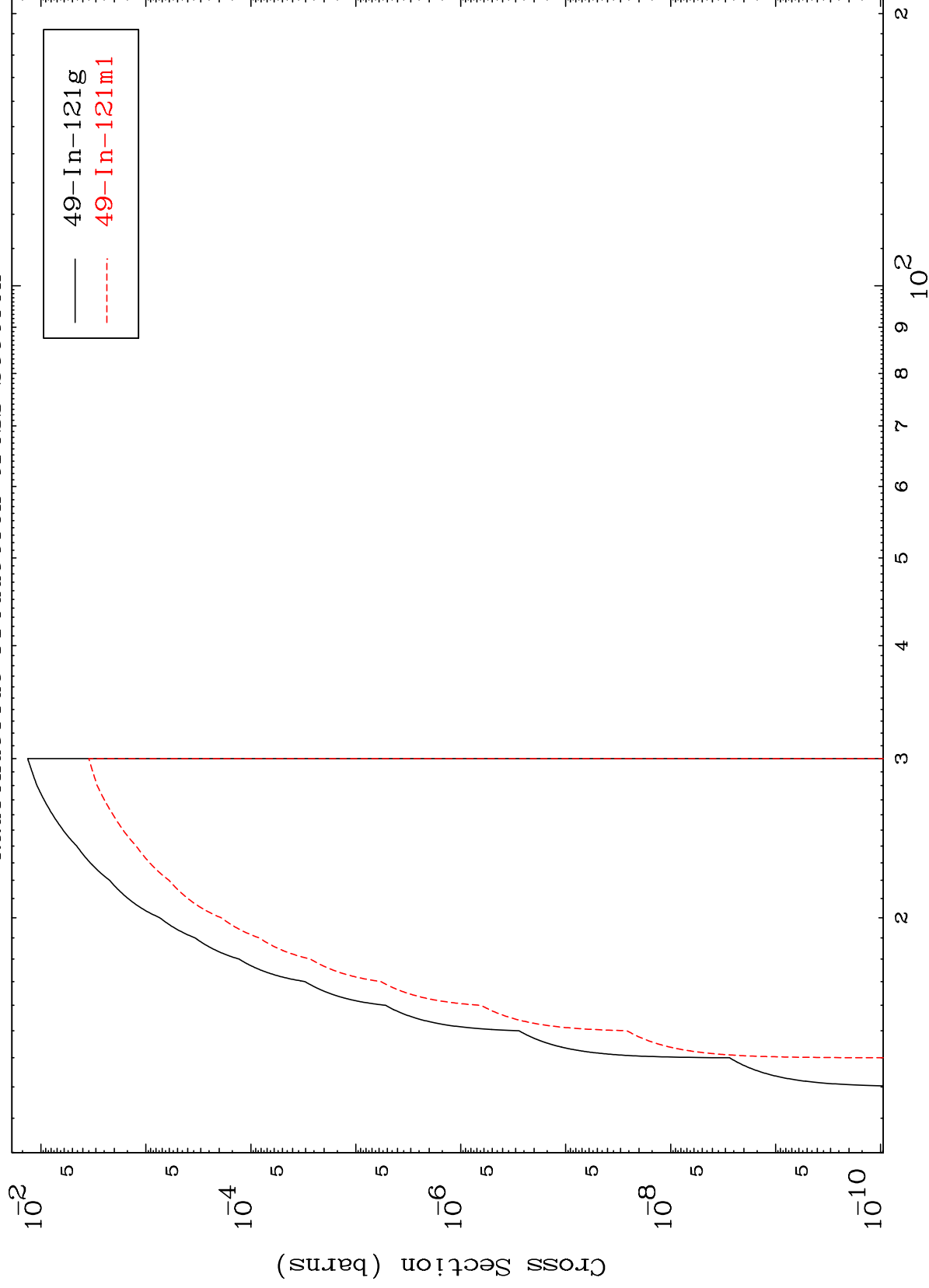
48-Cd-119

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(α, n') p

48-Cd-119

Radionuclide Production Cross Section



15

Incident Energy (MeV)

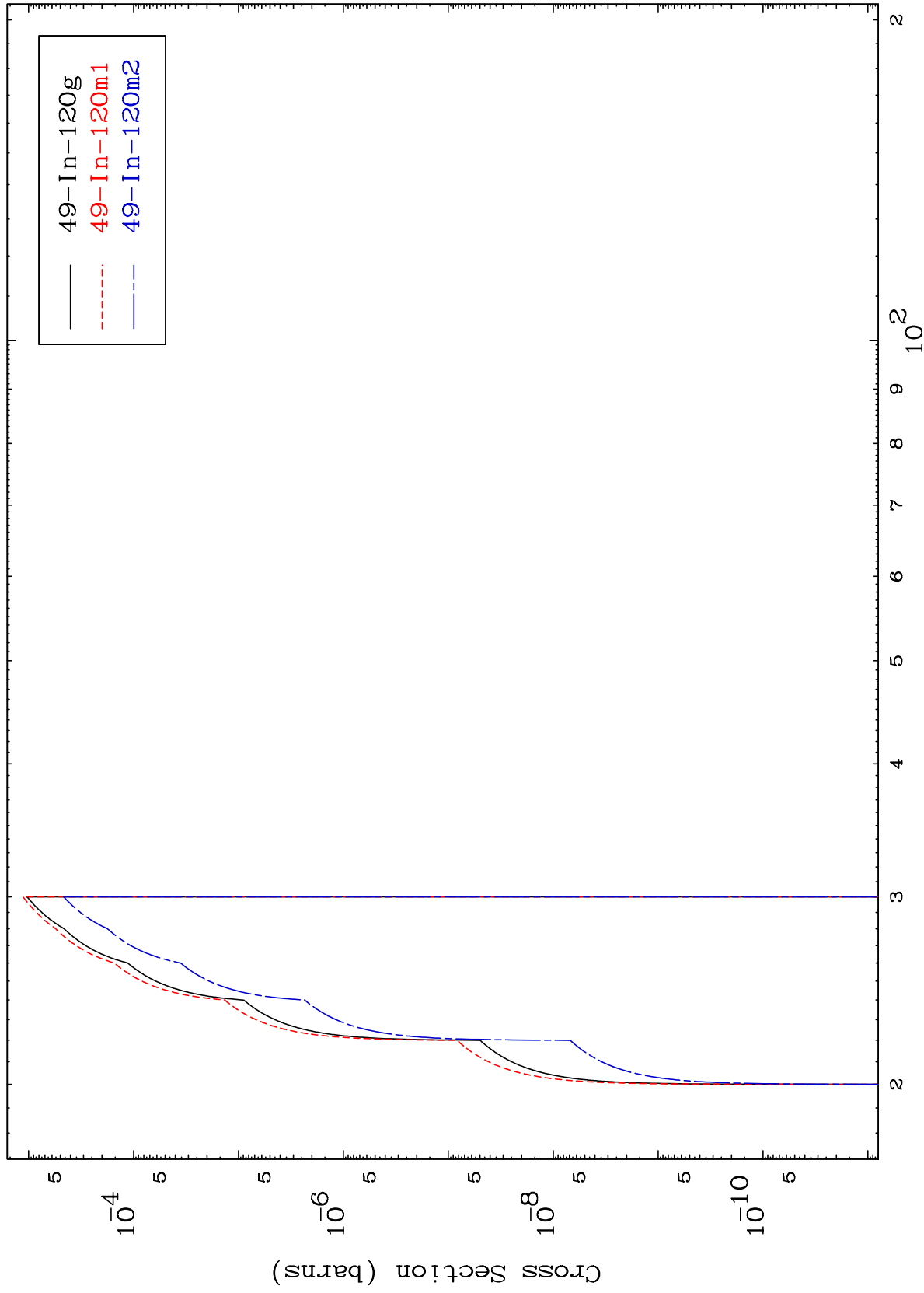
48-Cd-119

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(α, n') d

48-Cd-119

Radionuclide Production Cross Section



16

Incident Energy (MeV)

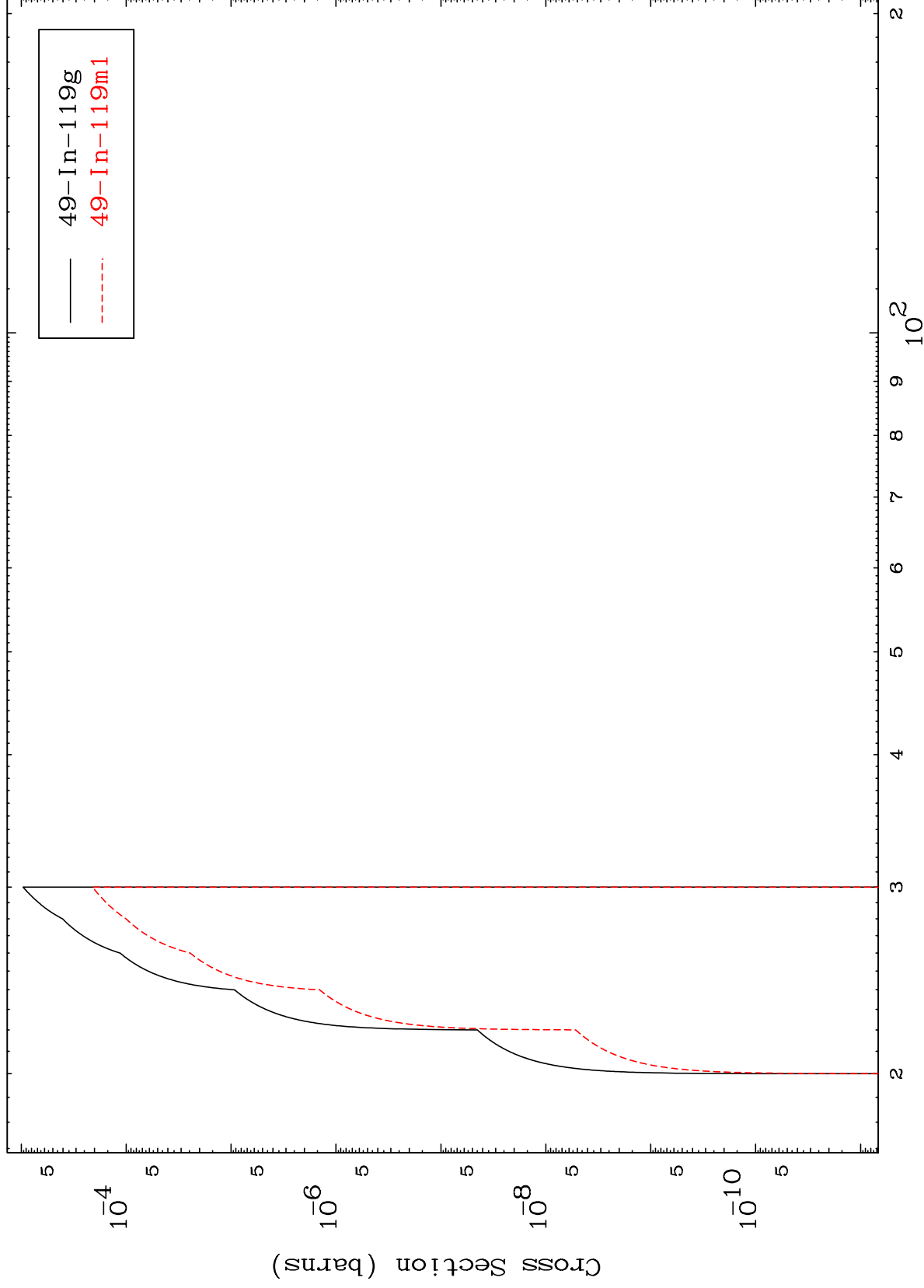
48-Cd-119

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(α, n') t

48-Cd-119

Radionuclide Production Cross Section



17

Incident Energy (MeV)

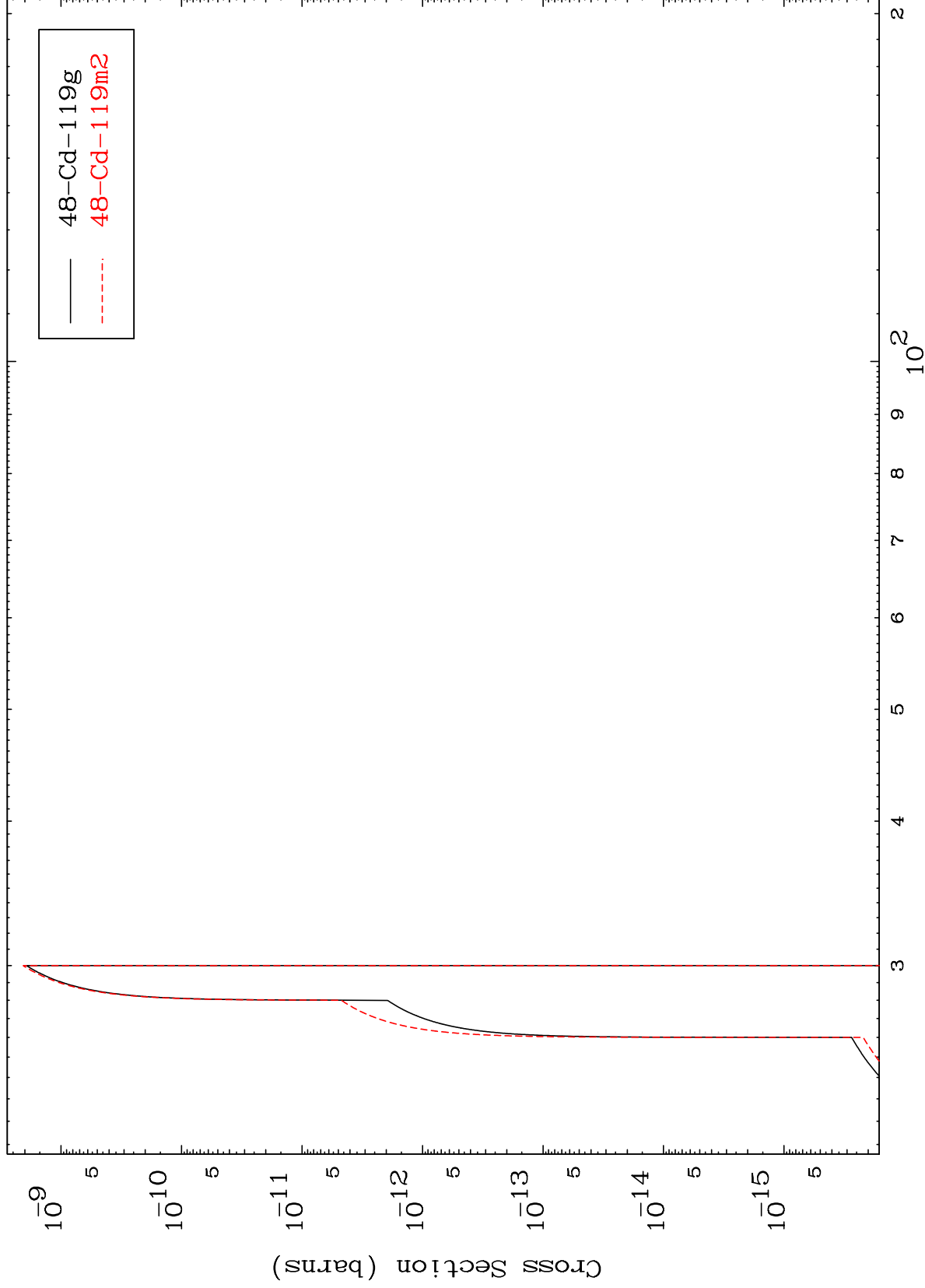
48-Cd-119

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(α, n') He-3

48-Cd-119

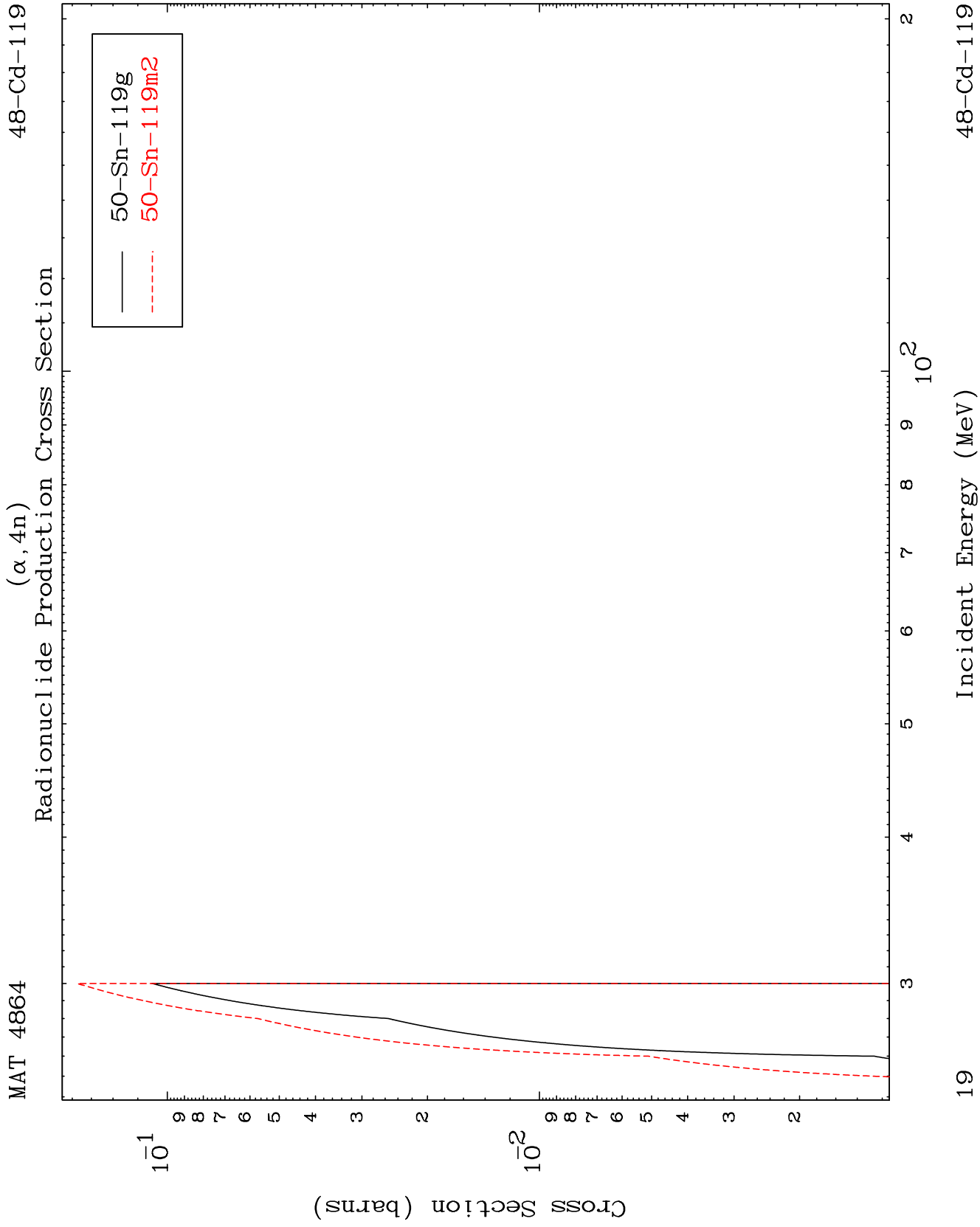
Radionuclide Production Cross Section



18

Incident Energy (MeV)

48-Cd-119

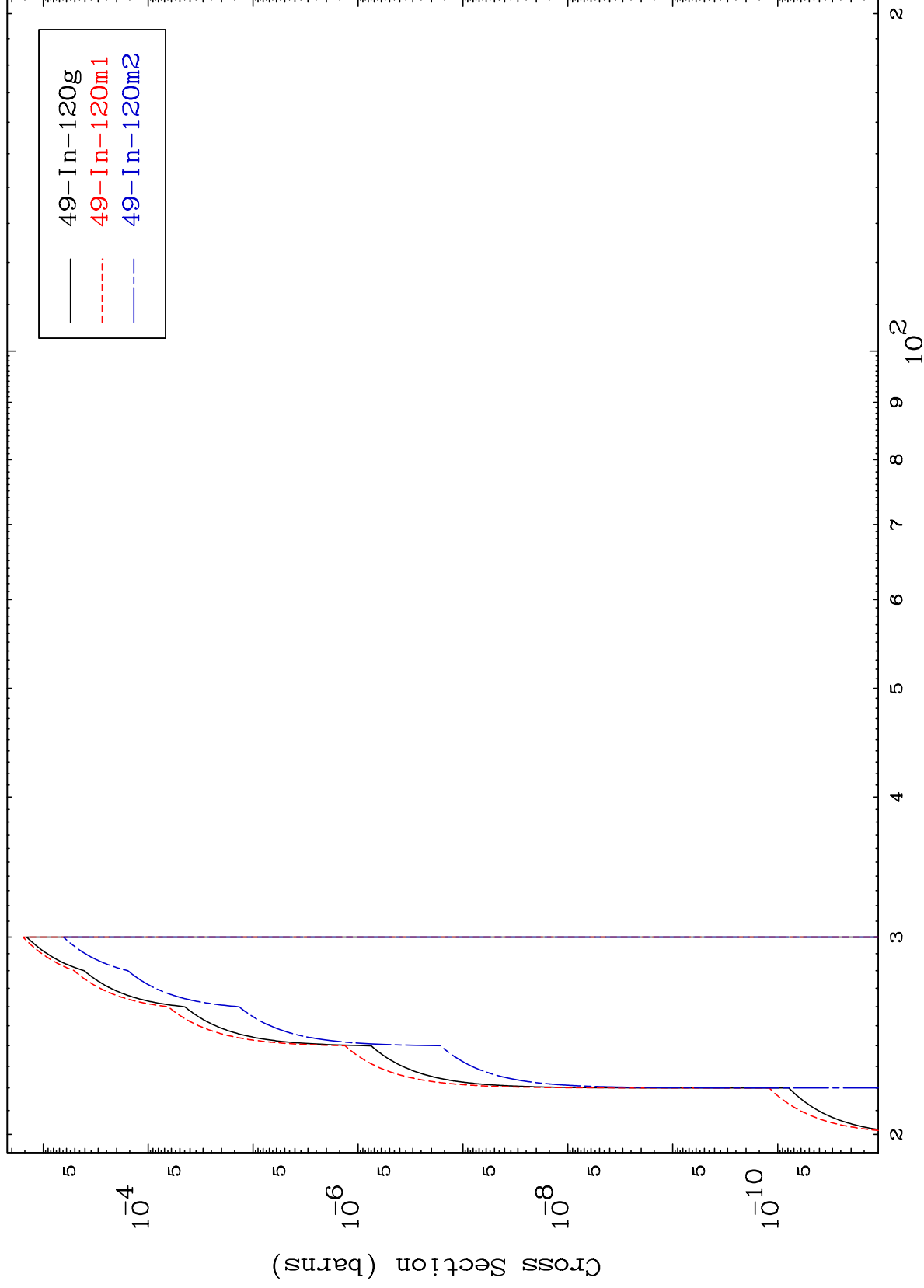


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$(\alpha, 2n)$ p

48-Cd-119

Radionuclide Production Cross Section



20

Incident Energy (MeV)

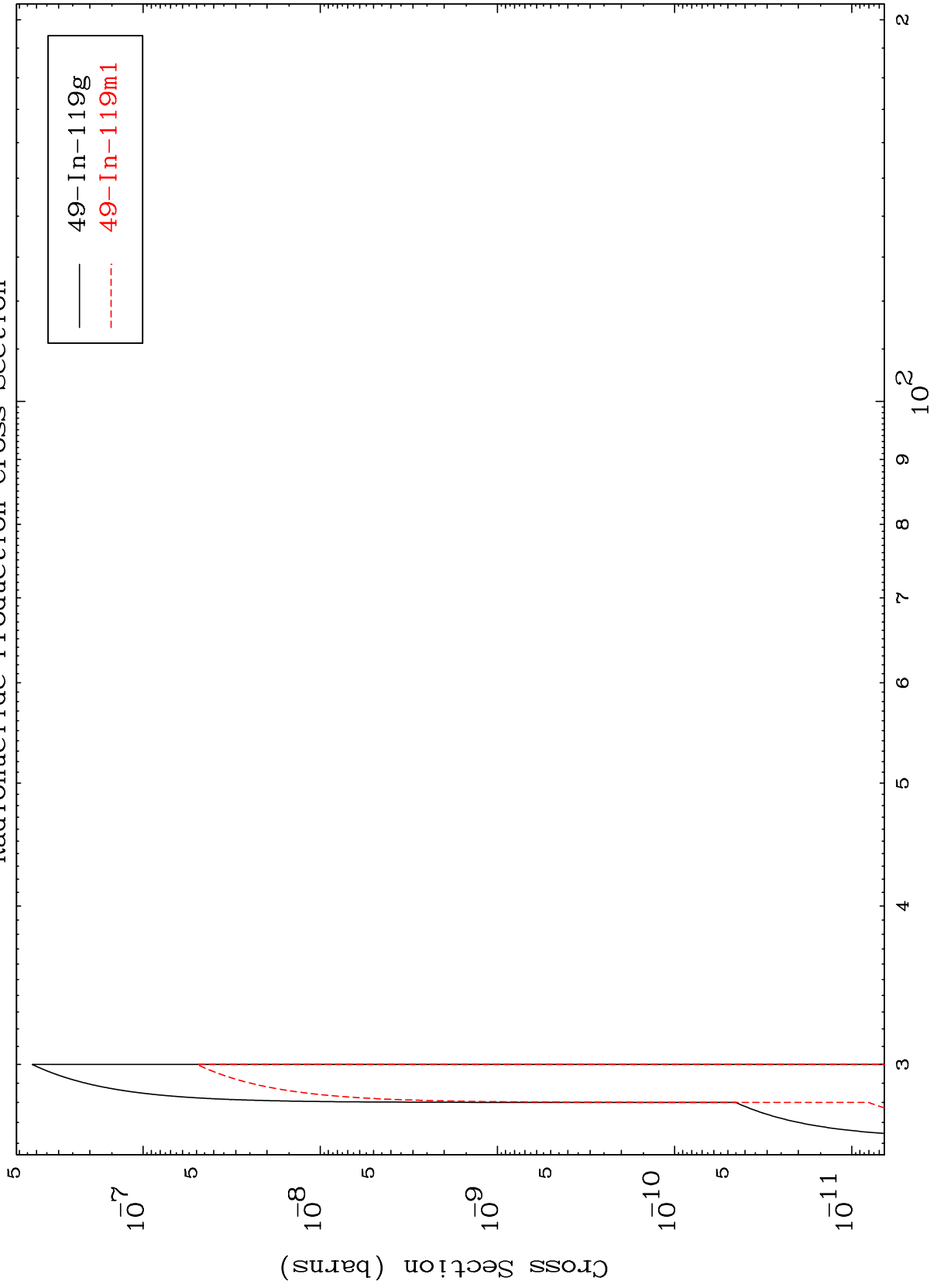
48-Cd-119

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$(\alpha, 3n)$ p

48-Cd-119

Radionuclide Production Cross Section



21

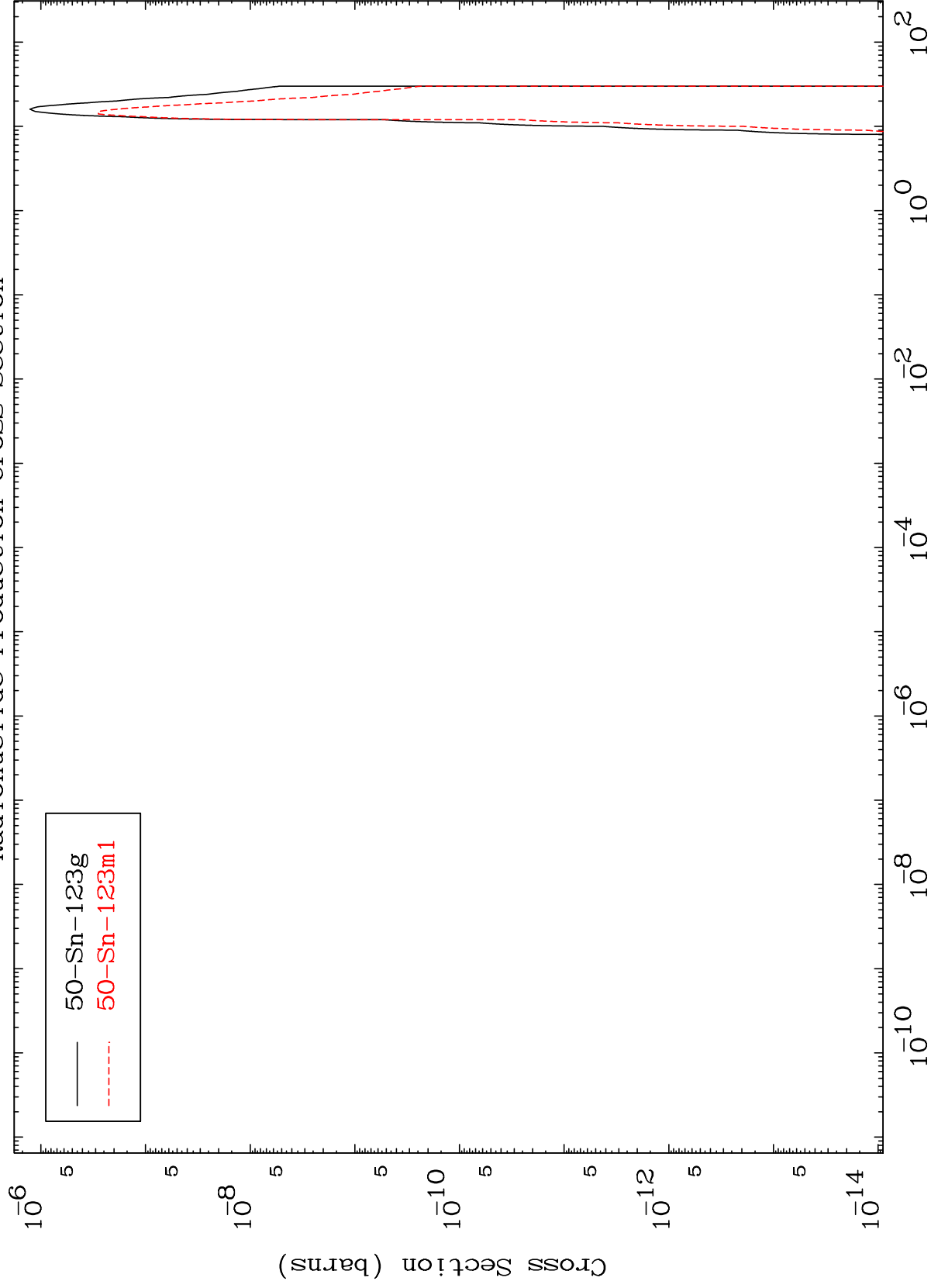
Incident Energy (MeV)

48-Cd-119

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Radionuclide Production Cross Section
(α, γ)

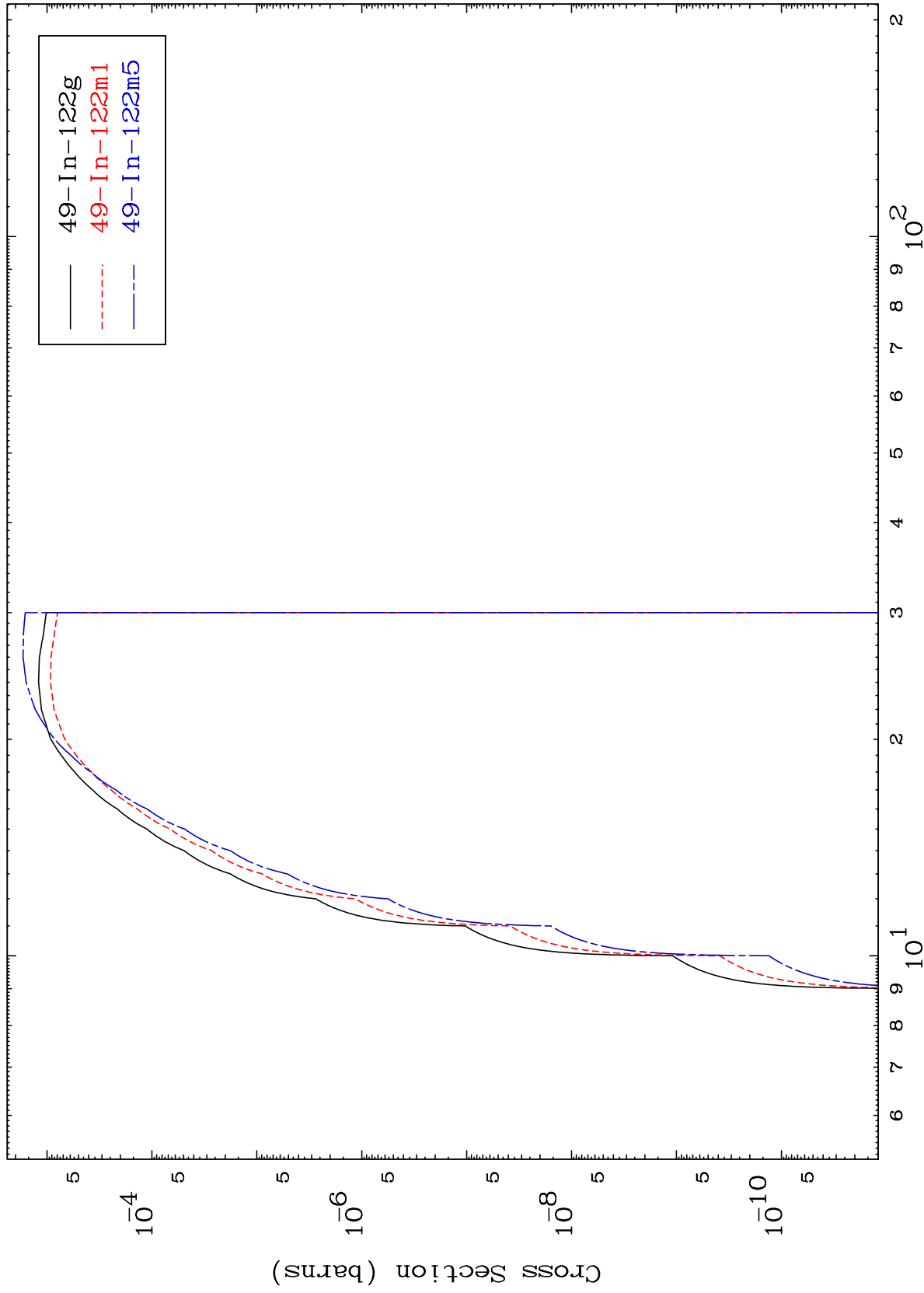
48-Cd-119



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48-Cd-119

(α, p)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

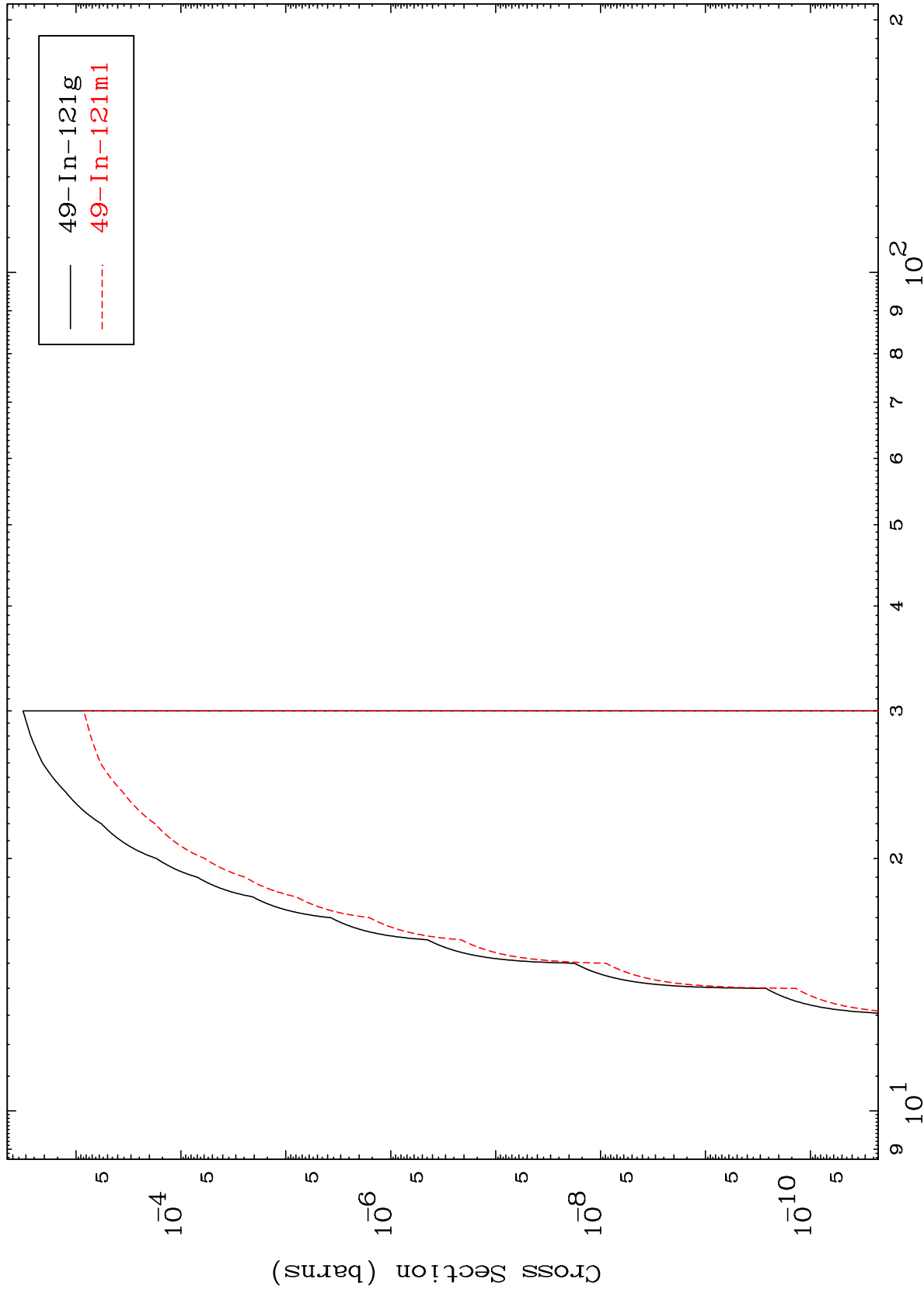
48-Cd-119

MAT 4864

(α, d)

48-Cd-119

Radionuclide Production Cross Section

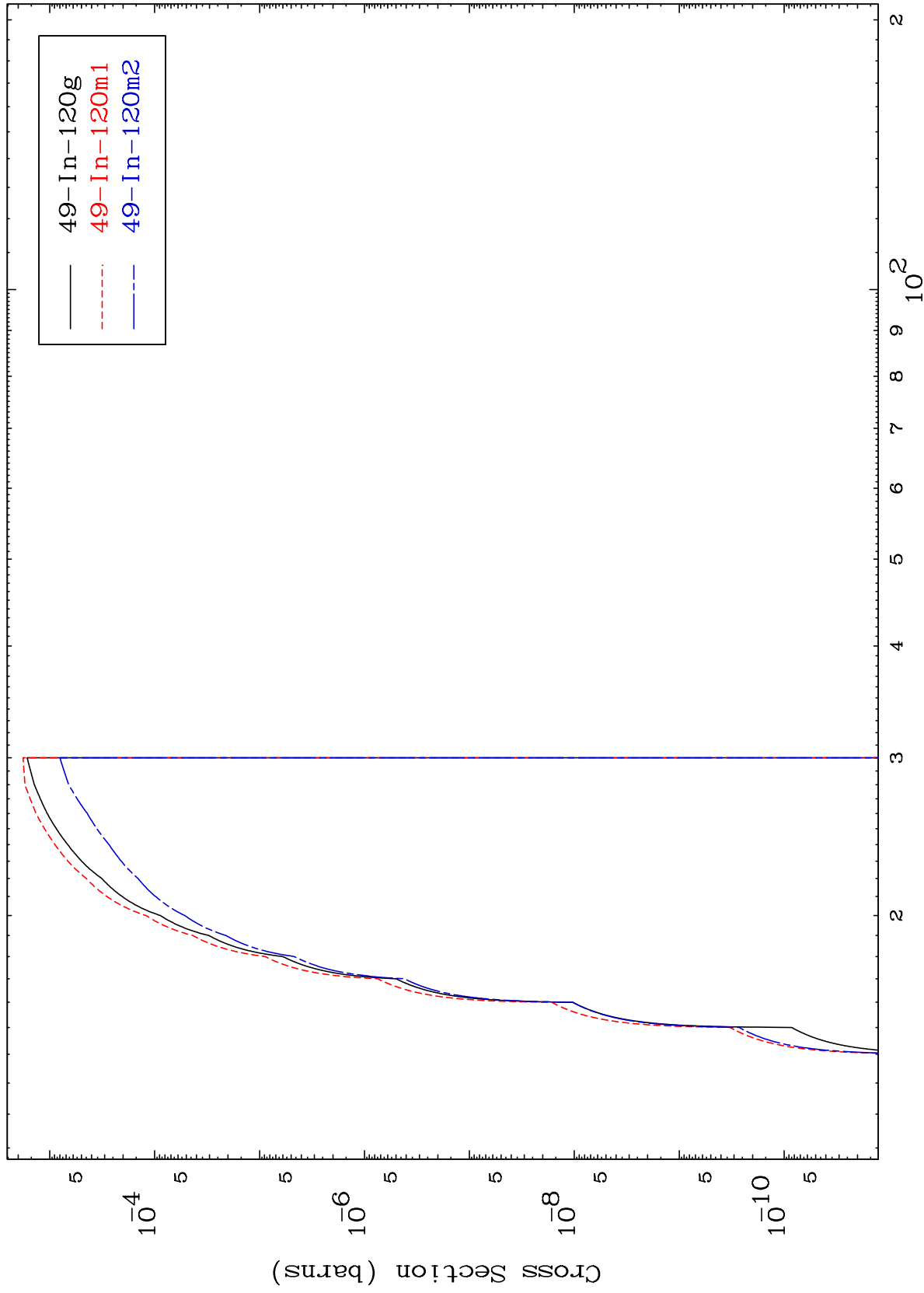


24

Incident Energy (MeV)

48-Cd-119

Radionuclide Production Cross Section

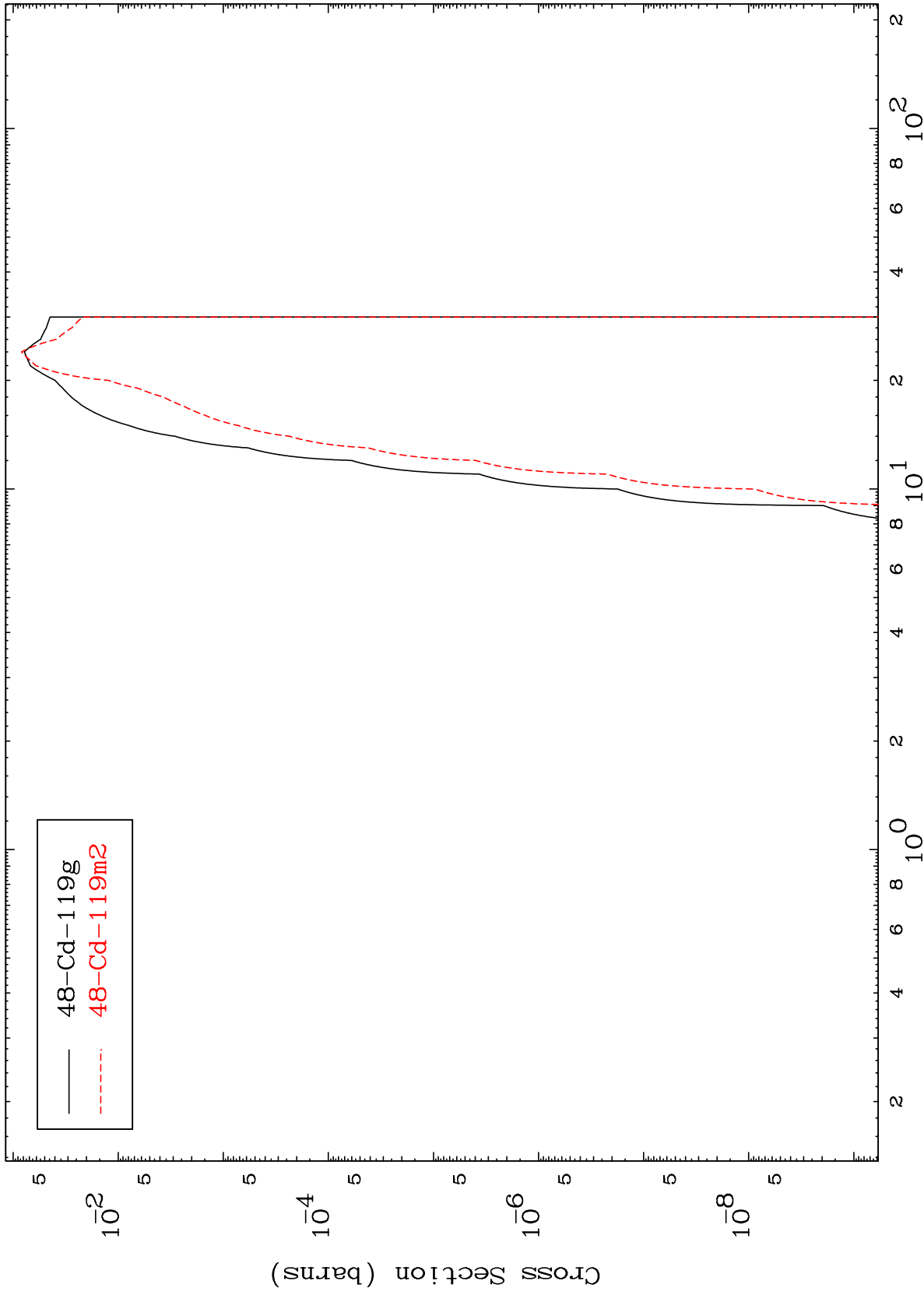


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(α, α)

48-Cd-119

Radionuclide Production Cross Section



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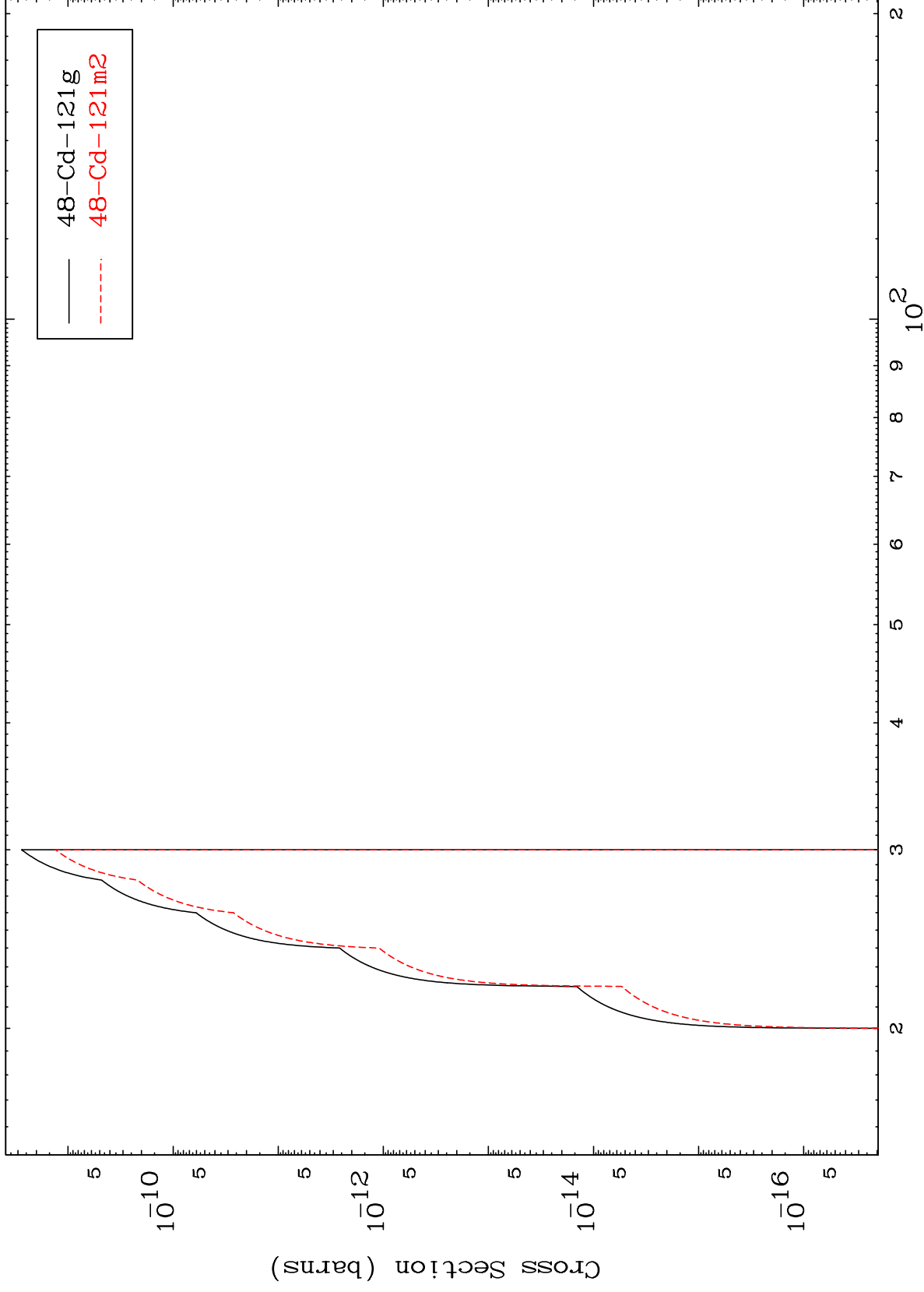
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



27

Incident Energy (MeV)

48-Cd-119