

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

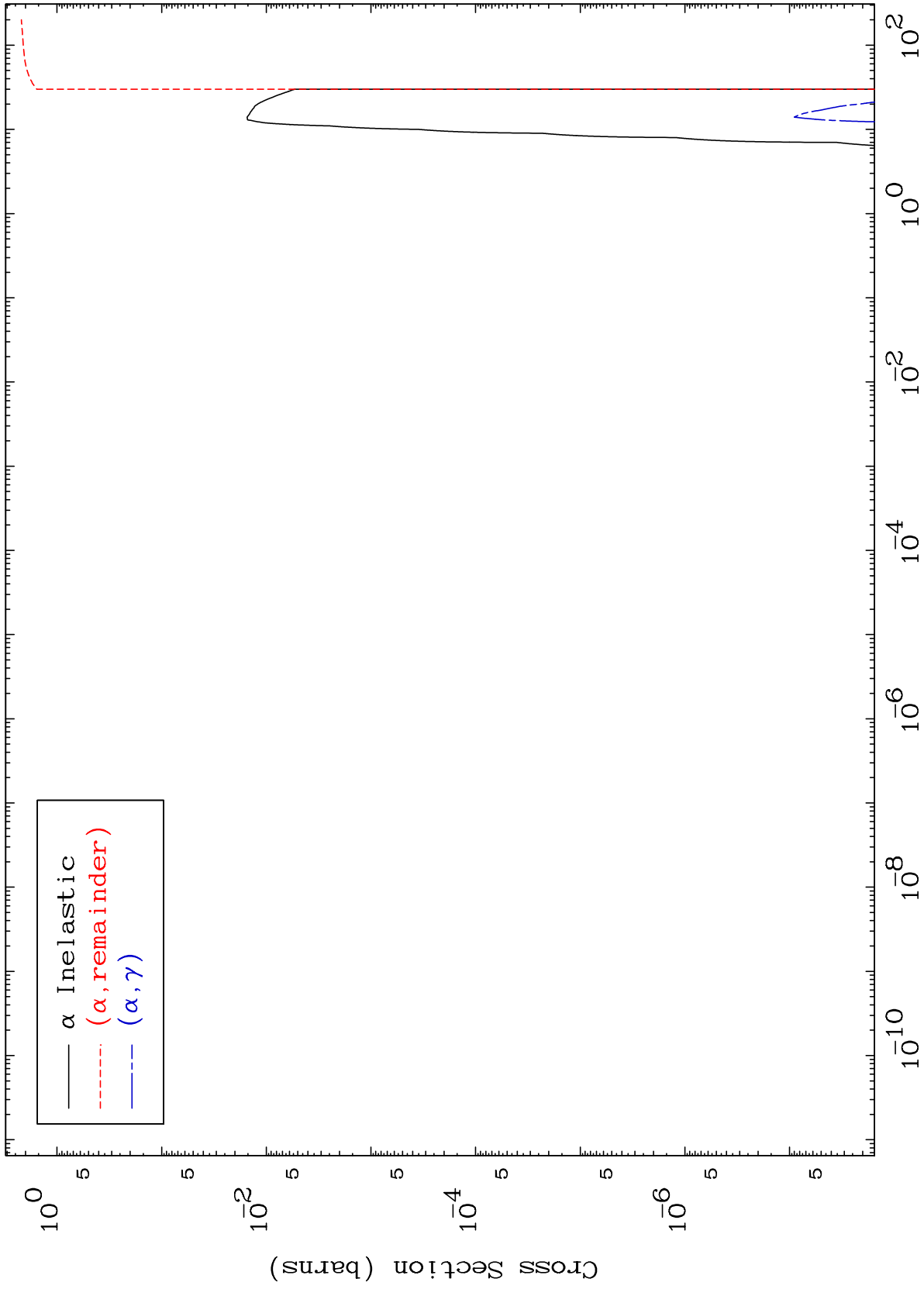
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4670

0 Kelvin α Major

46-Pd-117



1

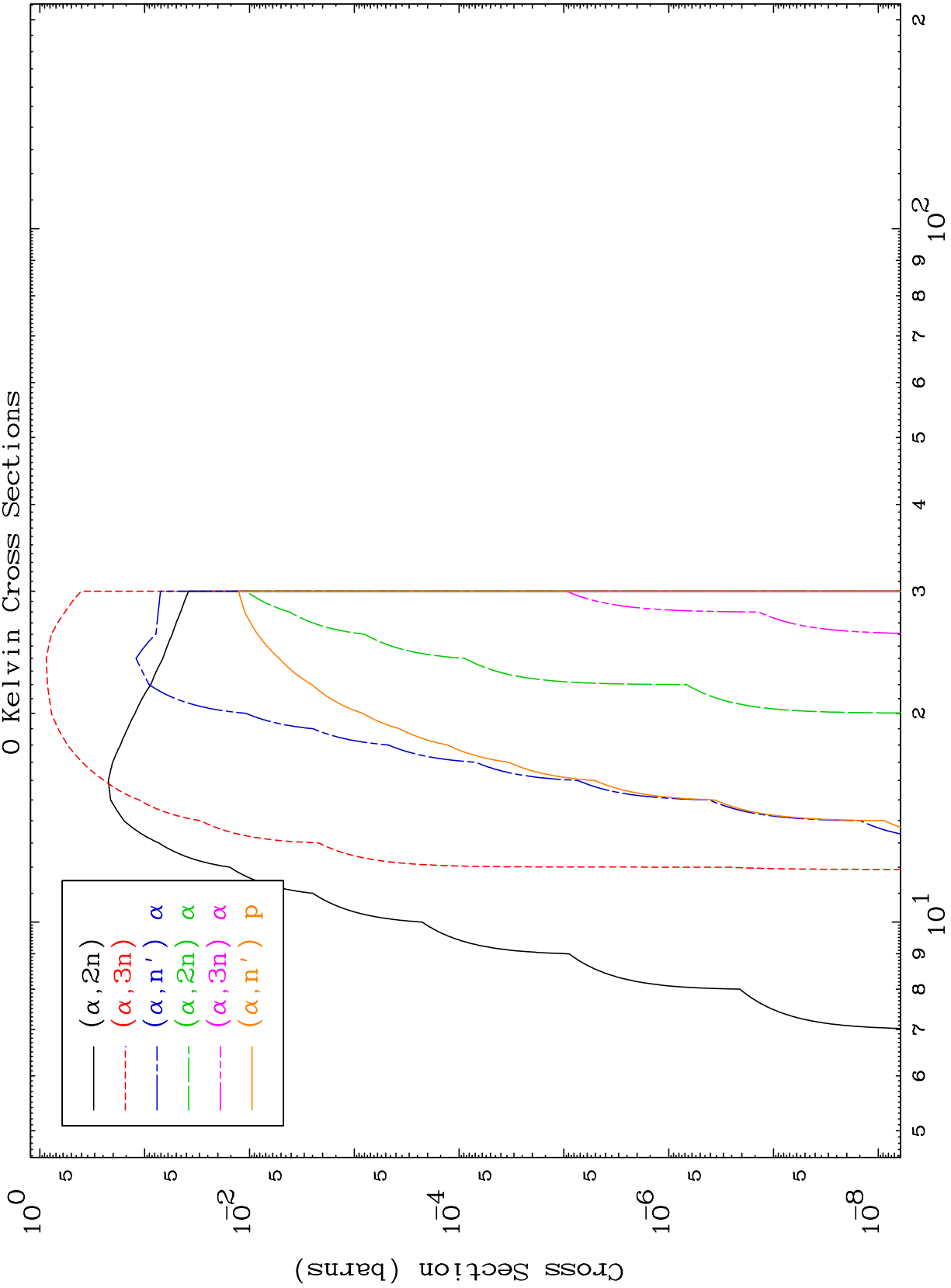
Incident Energy (MeV)

46-Pd-117

MAT 4670

α Neutron Production
0 Kelvin Cross Sections

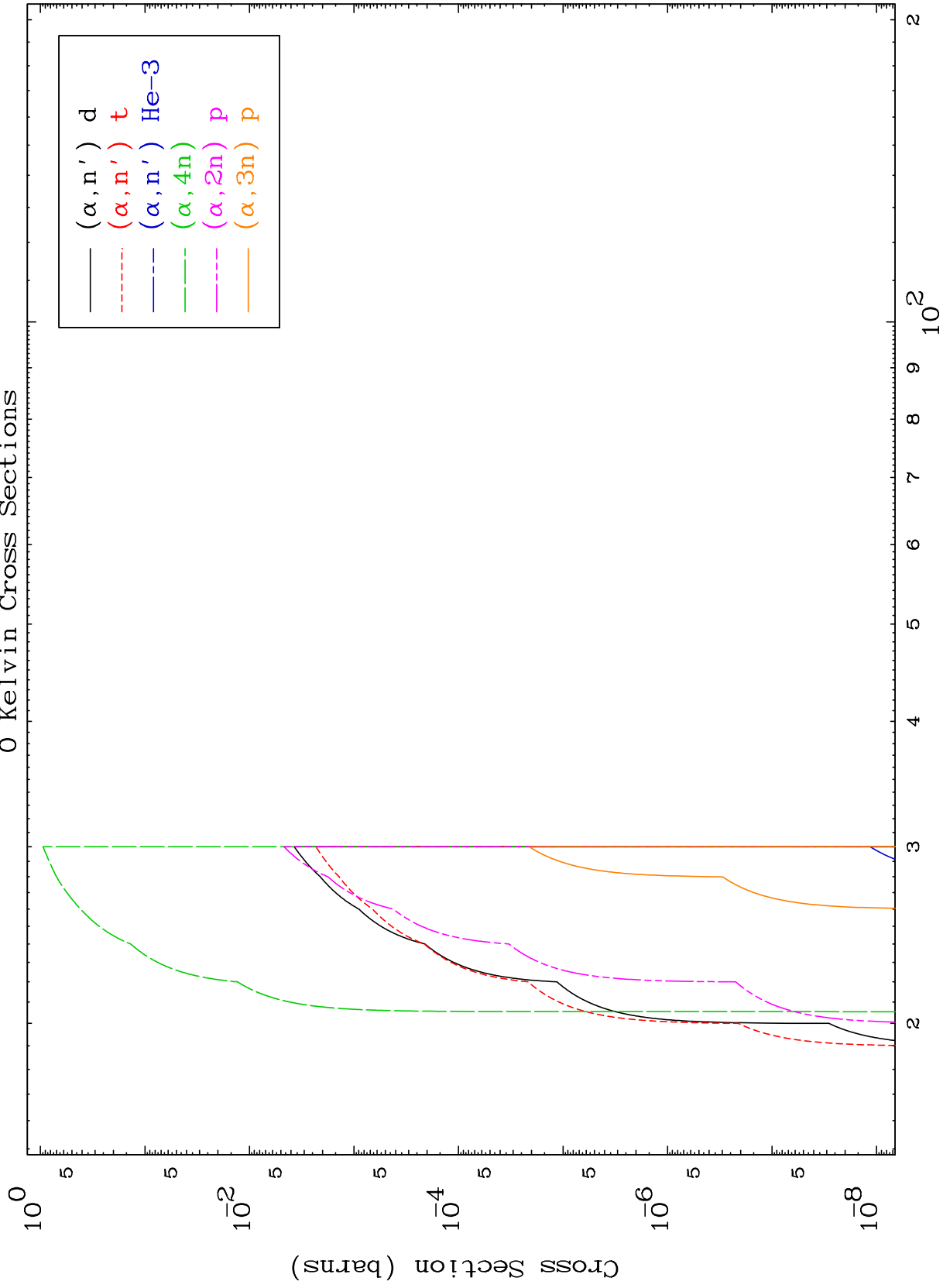
46-Pd-117

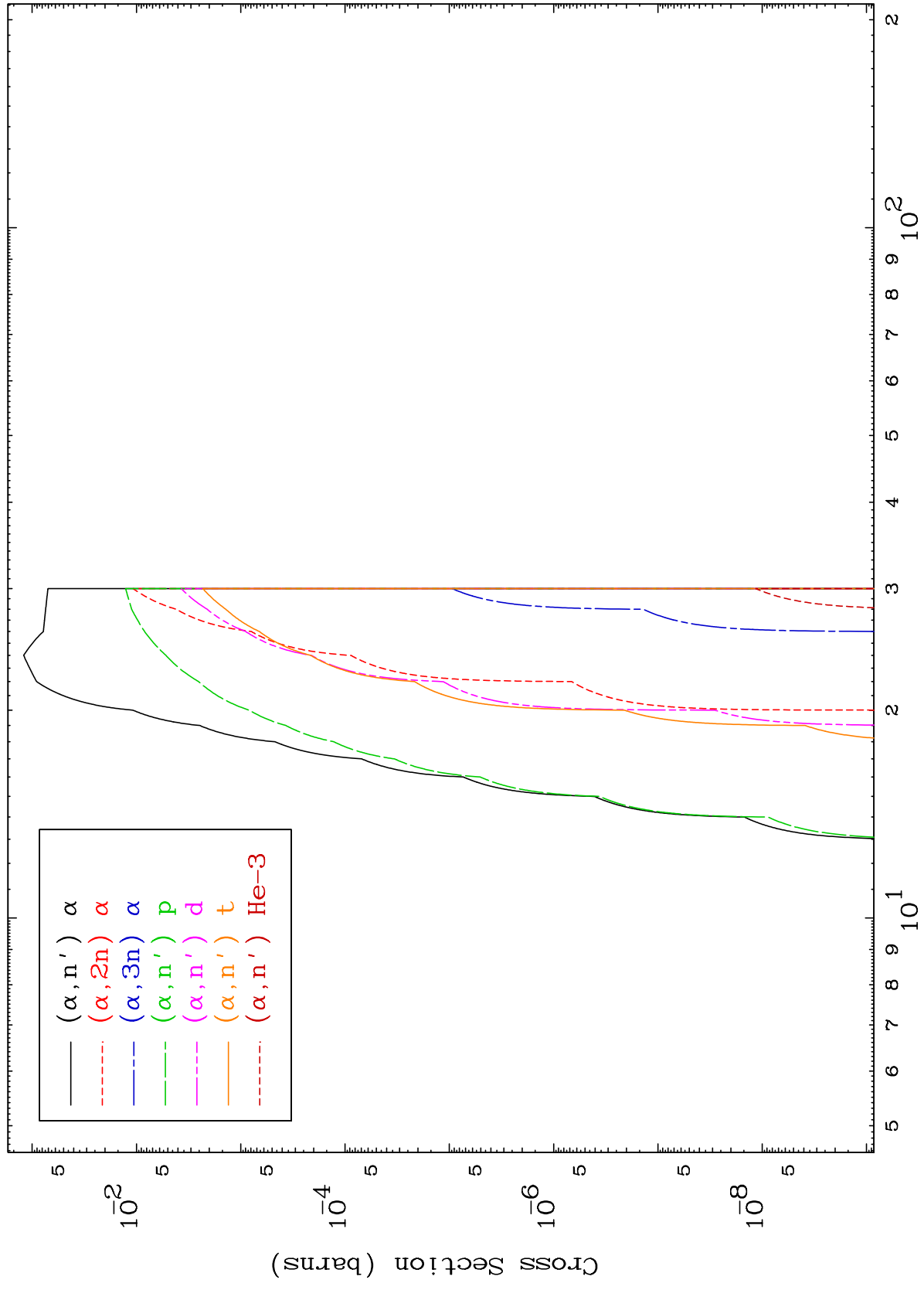


2

Incident Energy (MeV)

46-Pd-117

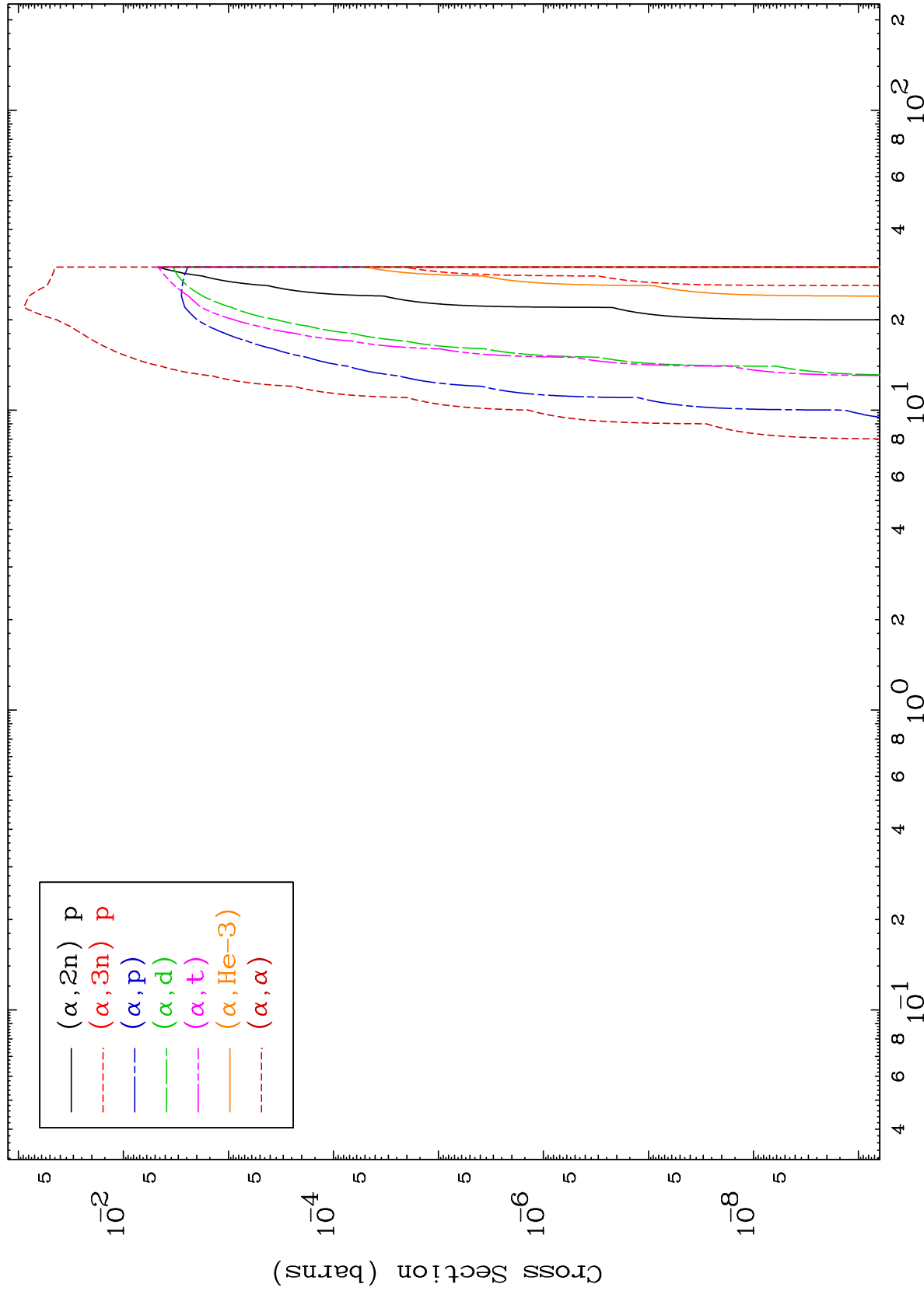




MAT 4670

α Charged Particle
0 Kelvin Cross Sections

46-Pd-117



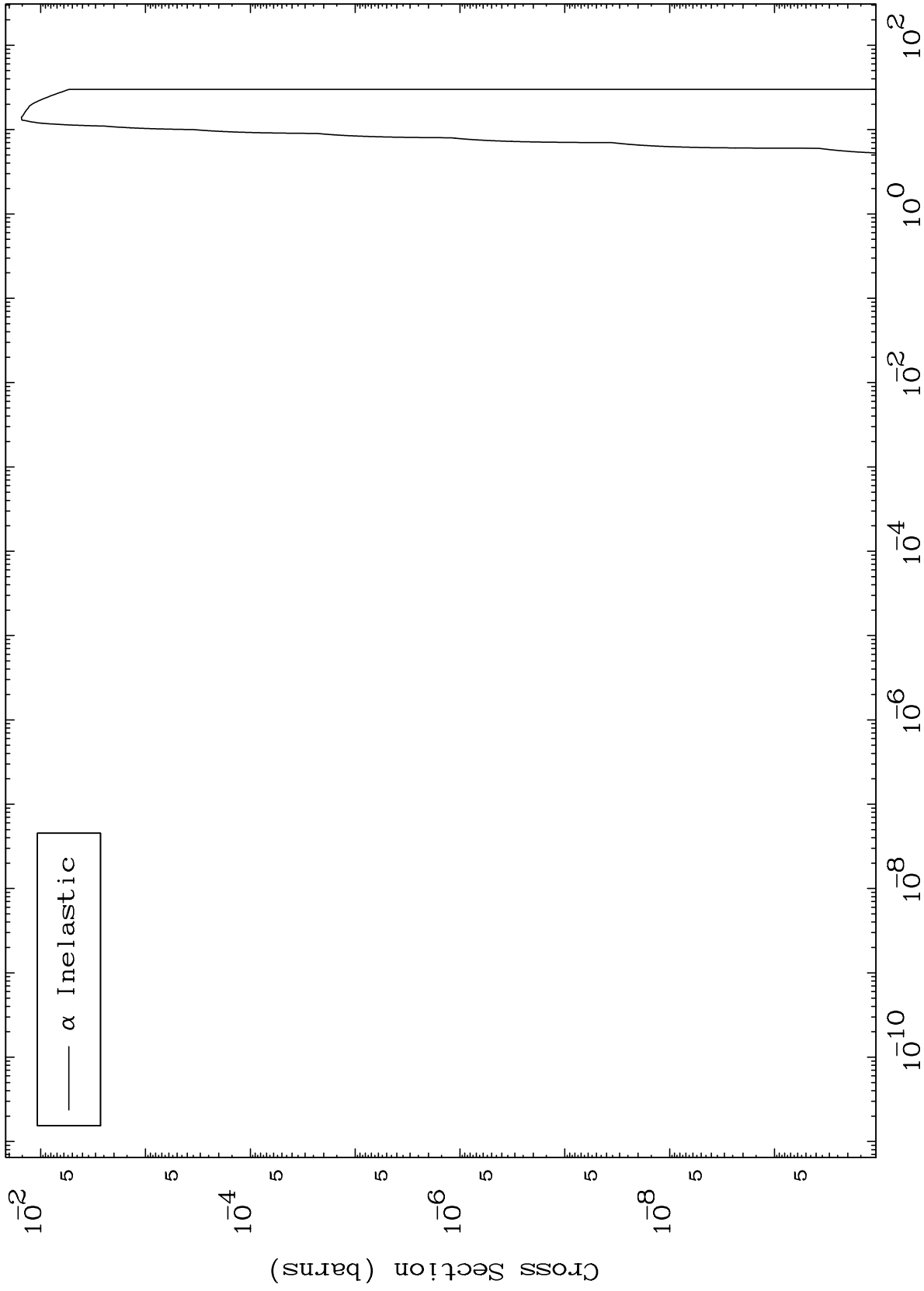
5

46-Pd-117

MAT 4670

(α, n') Level
0 Kelvin Cross Sections

46-Pd-117



6

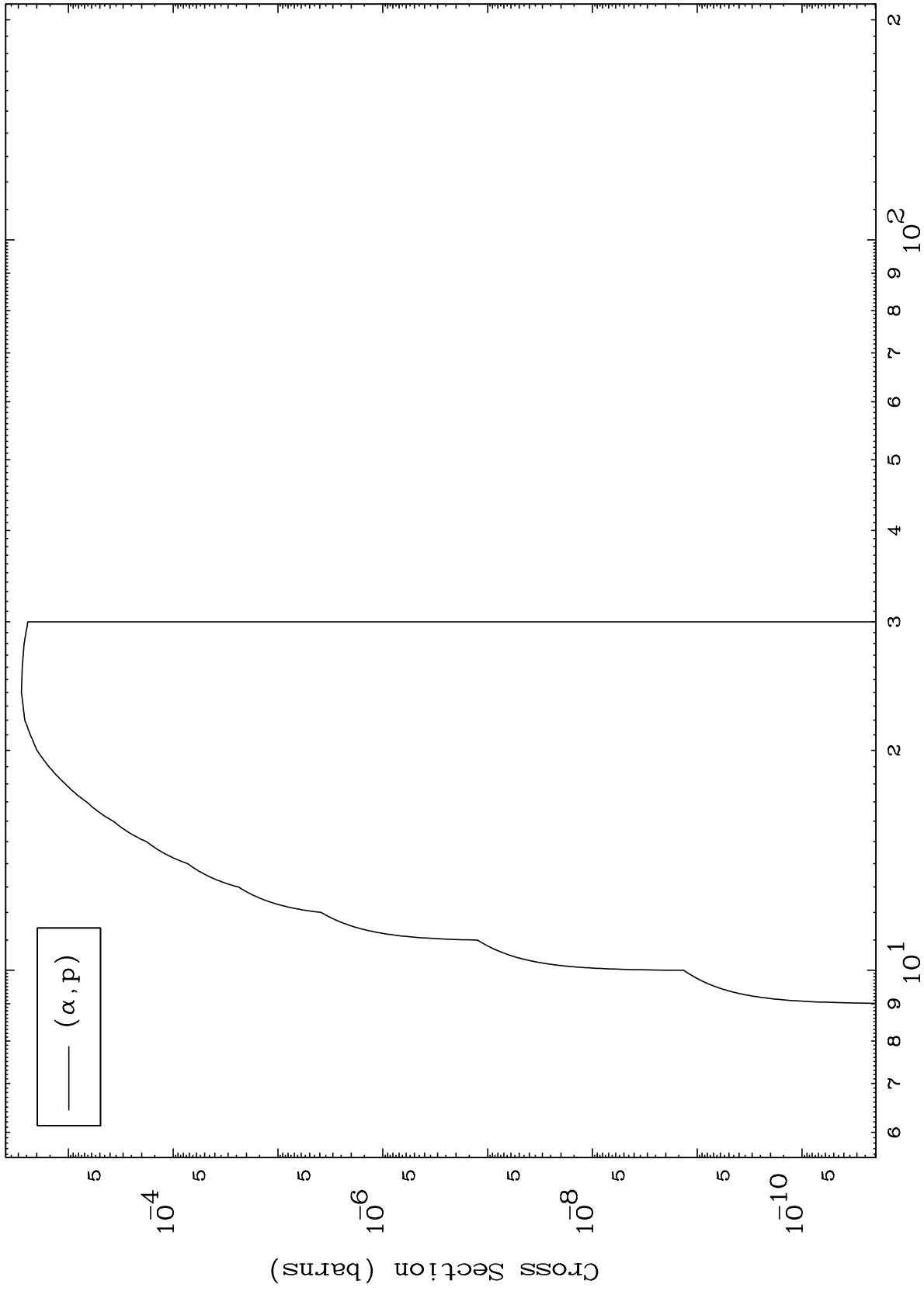
Incident Energy (MeV)

46-Pd-117

MAT 4670

(α, p) Levels
0 Kelvin Cross Sections

46-Pd-117



7

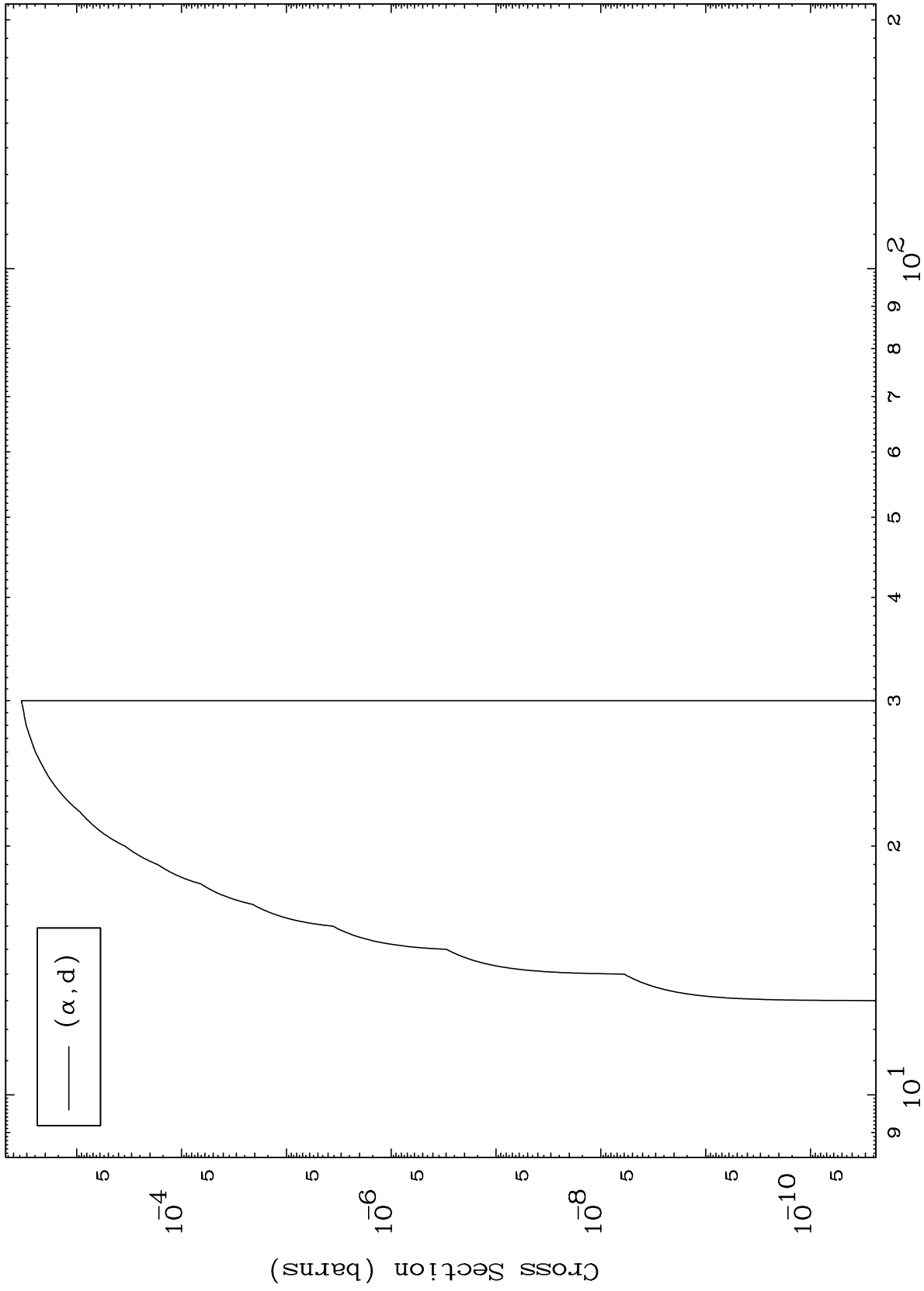
Incident Energy (MeV)

46-Pd-117

MAT 4670

(α, d) Levels
0 Kelvin Cross Sections

46-Pd-117



8

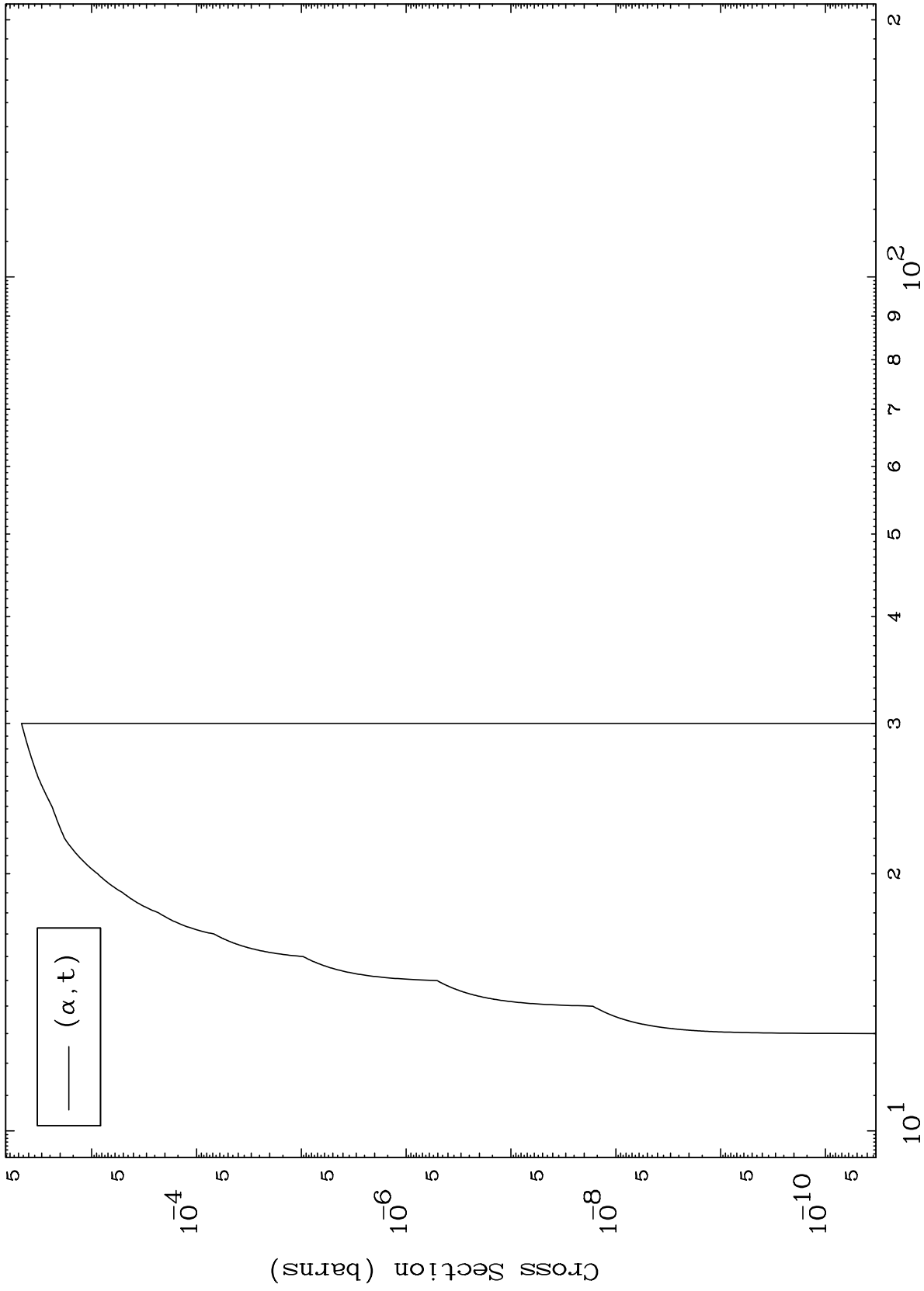
Incident Energy (MeV)

46-Pd-117

MAT 4670

(α, t) Levels
0 Kelvin Cross Sections

46-Pd-117



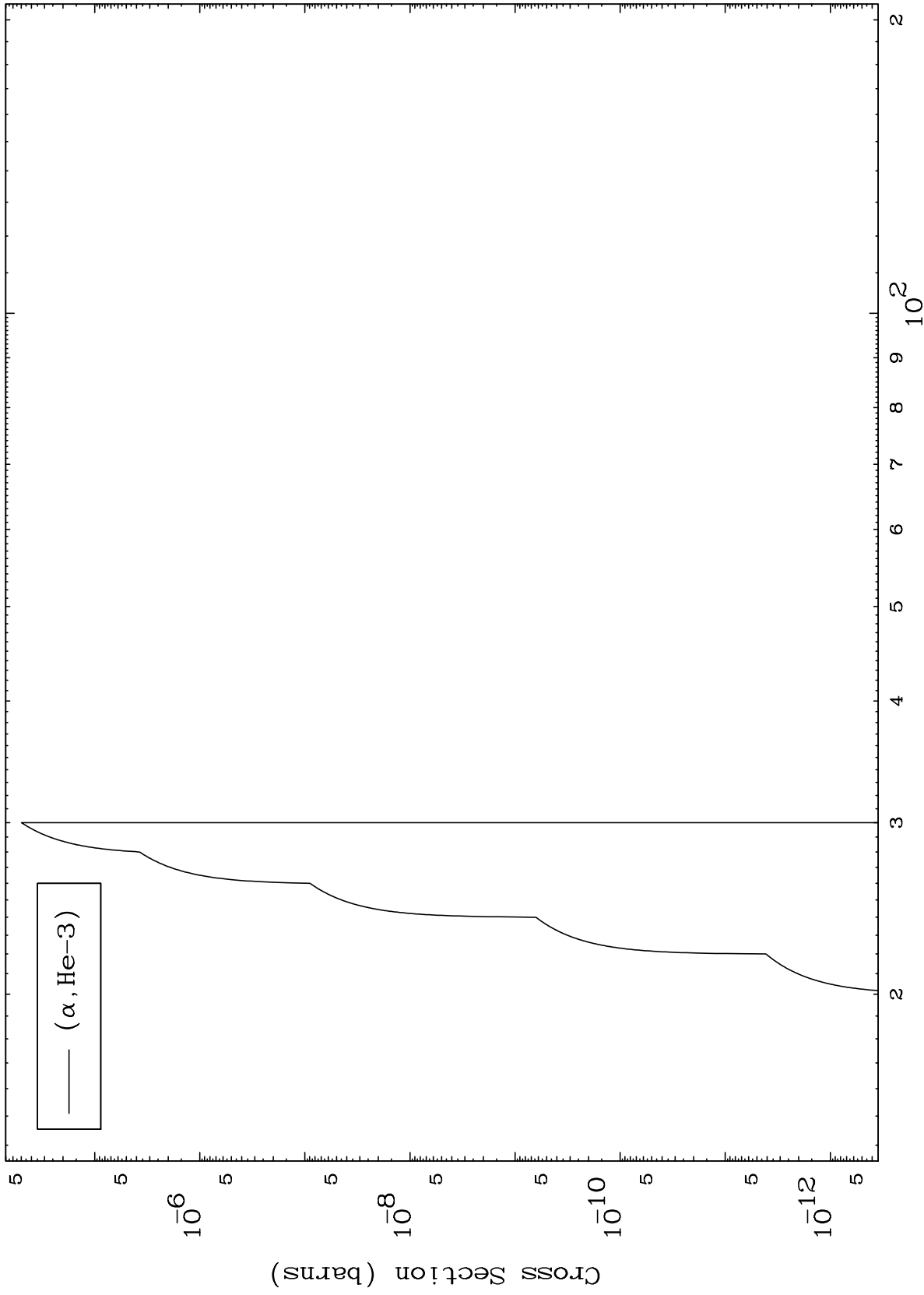
Incident Energy (MeV)

46-Pd-117

MAT 4670

(α ,He3) Levels
0 Kelvin Cross Sections

46-Pd-117



10

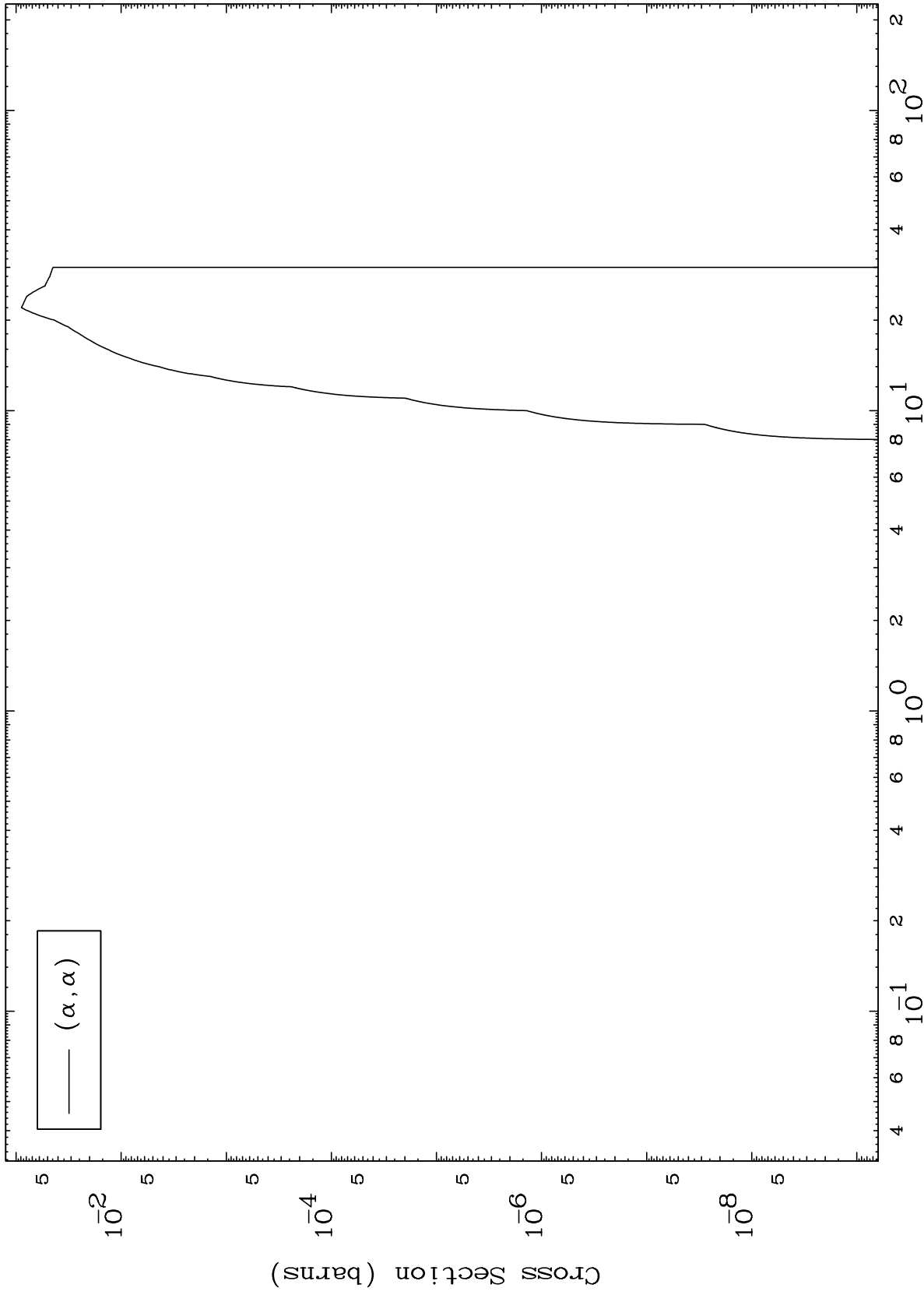
Incident Energy (MeV)

46-Pd-117

MAT 4670

(α, α) Levels
0 Kelvin Cross Sections

46-Pd-117



11

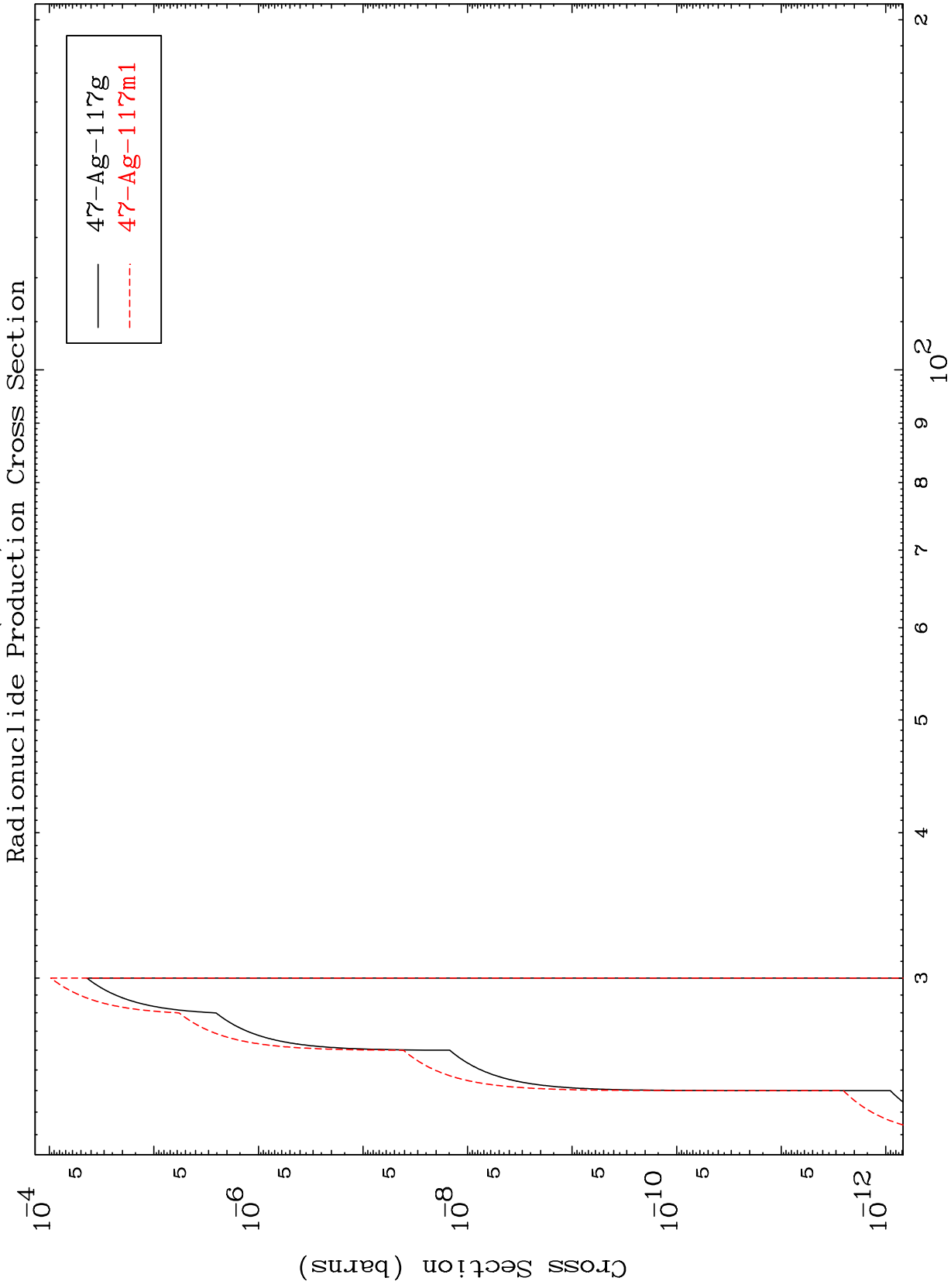
Incident Energy (MeV)

46-Pd-117

MAT 4670

($\alpha, 2n$) d

46-Pd-117



12

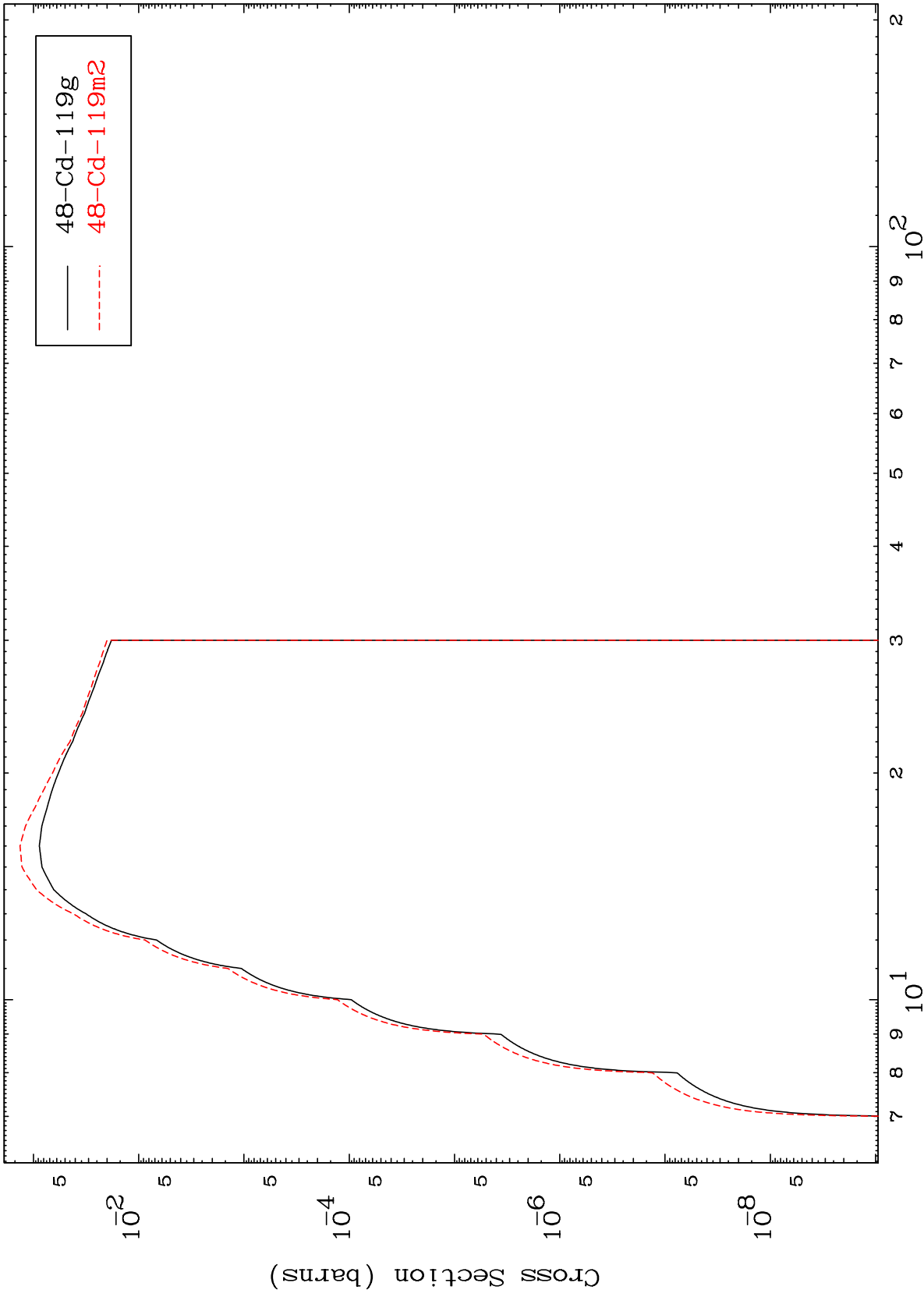
Incident Energy (MeV)

46-Pd-117

MAT 4670

46-Pd-117

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



13

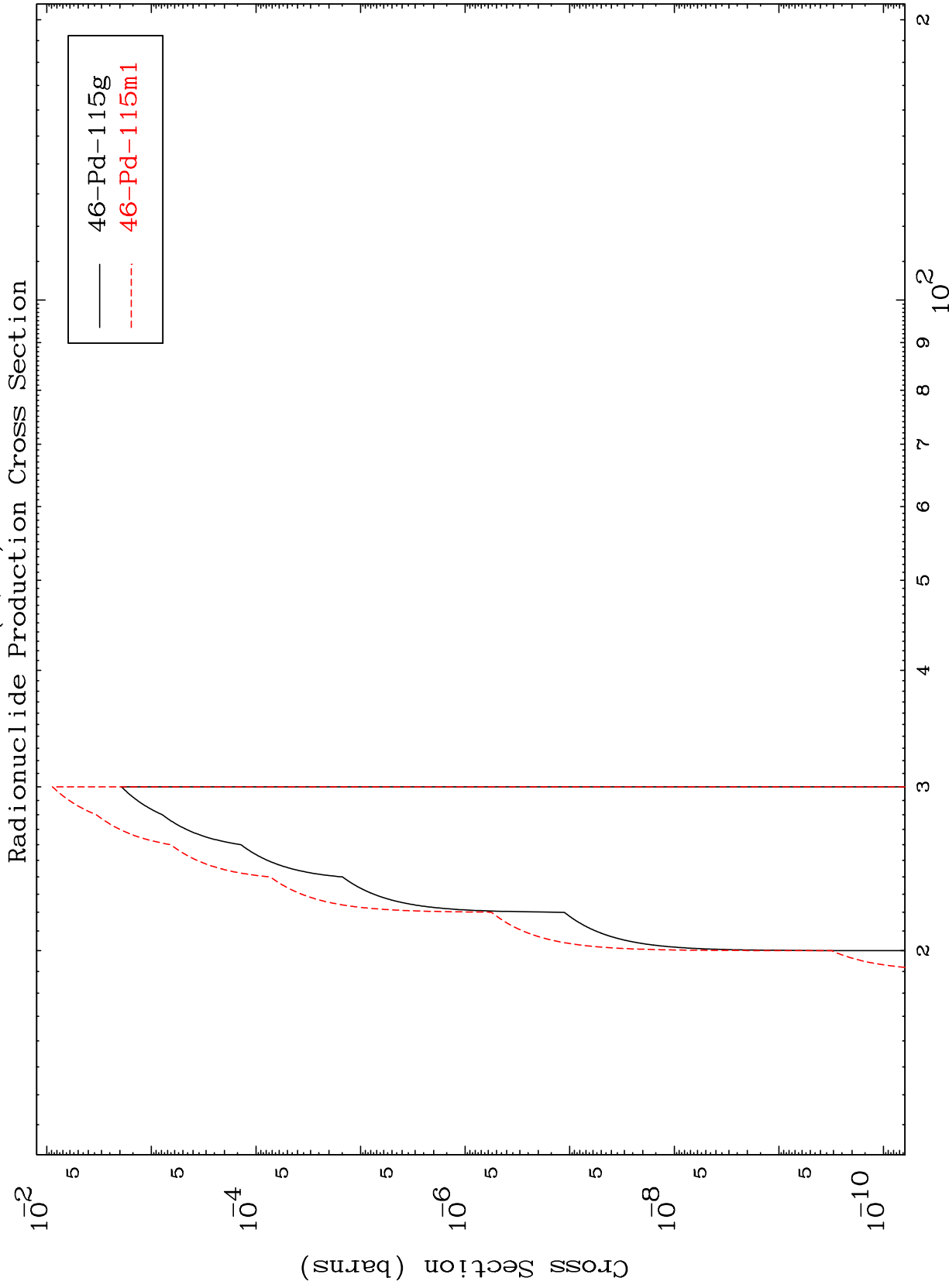
Incident Energy (MeV)

46-Pd-117

MAT 4670

$(\alpha, 2n) \alpha$

46-Pd-117



14

Incident Energy (MeV)

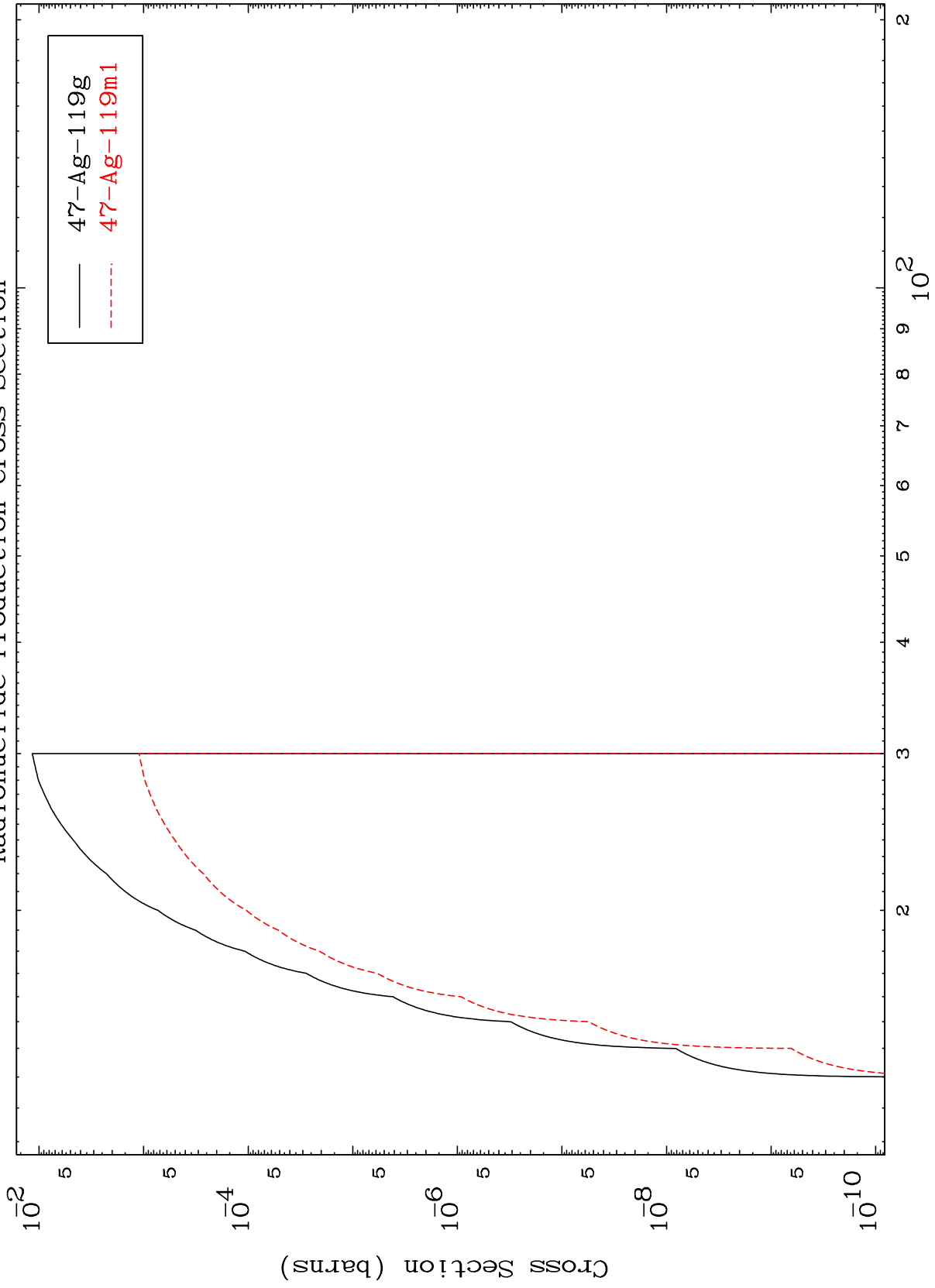
46-Pd-117

MAT 4670

(α, n') p

46-Pd-117

Radionuclide Production Cross Section



15

Incident Energy (MeV)

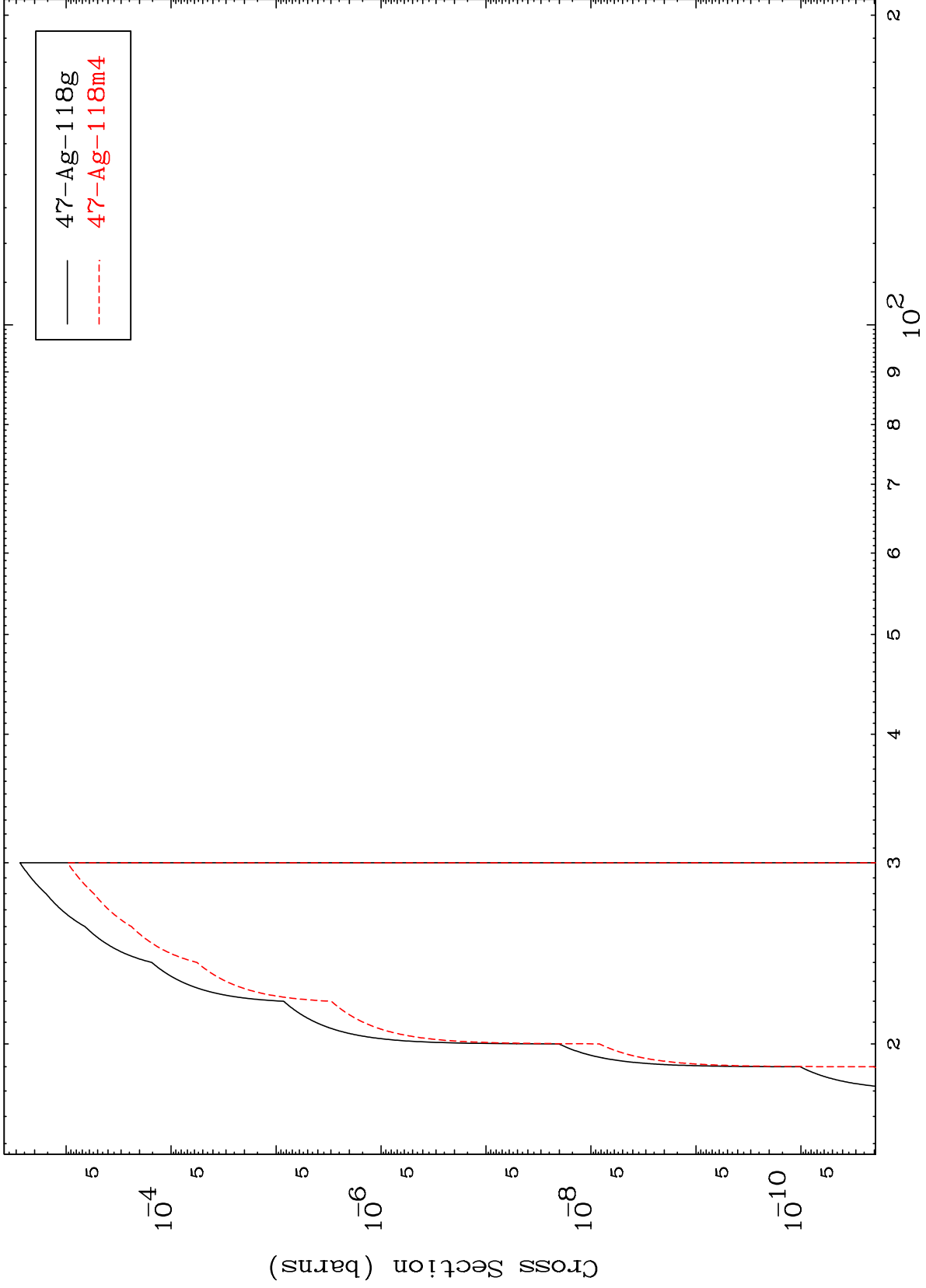
46-Pd-117

MAT 4670

(α, n') d

46-Pd-117

Radionuclide Production Cross Section



16

Incident Energy (MeV)

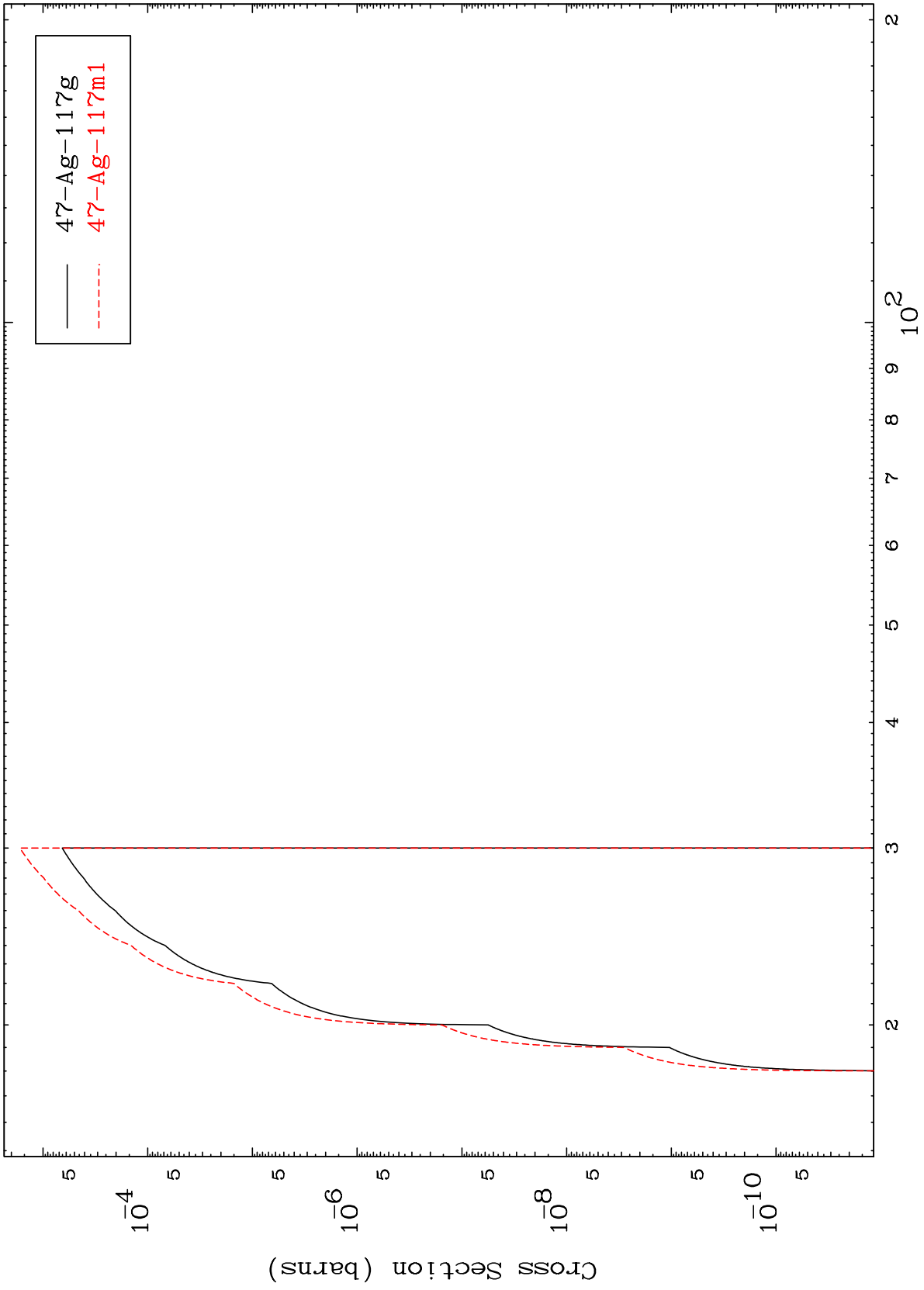
46-Pd-117

MAT 4670

(α, n') t

46-Pd-117

Radionuclide Production Cross Section



17

Incident Energy (MeV)

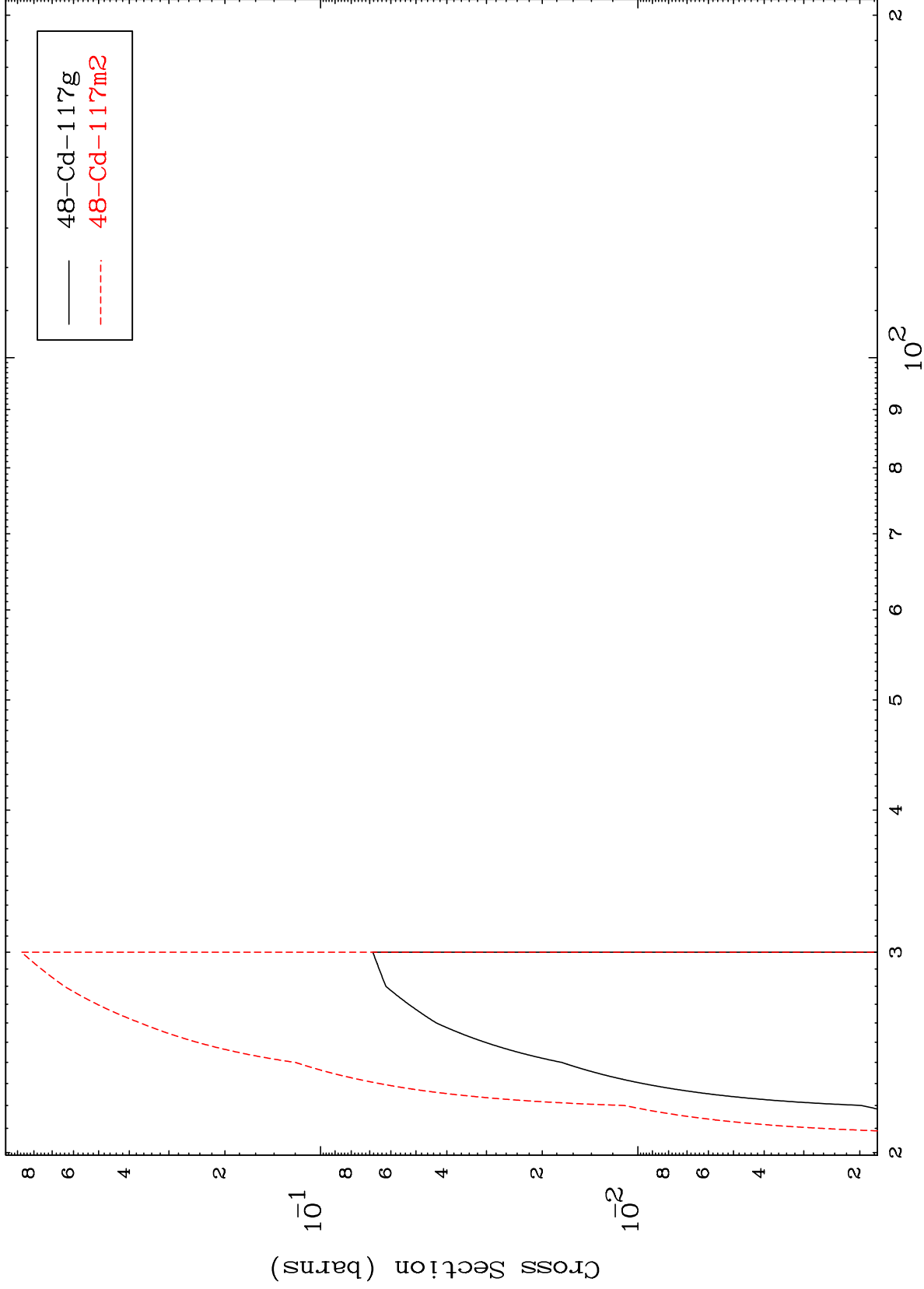
46-Pd-117

MAT 4670

($\alpha, 4n$)

46-Pd-117

Radionuclide Production Cross Section



18

Incident Energy (MeV)

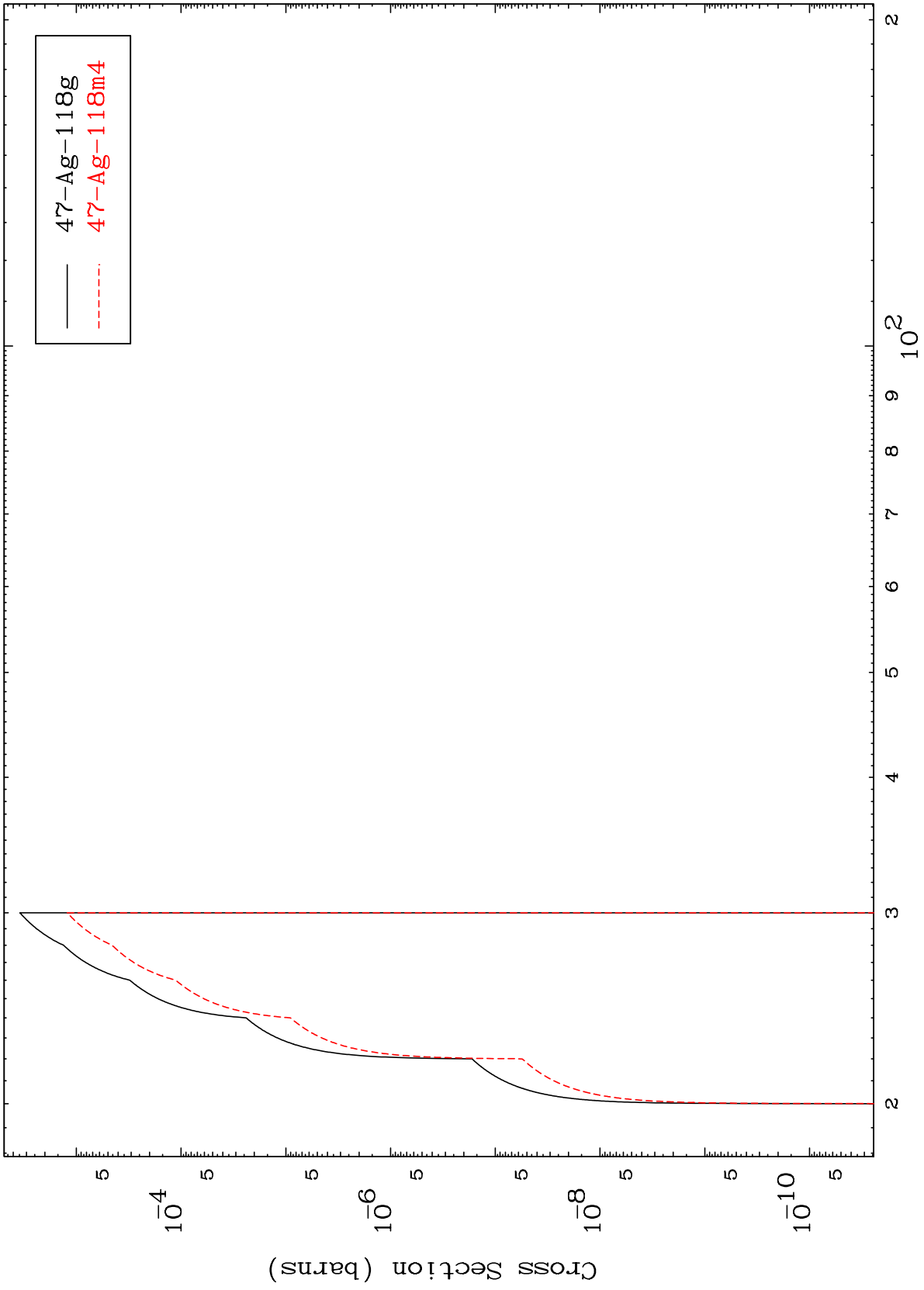
46-Pd-117

MAT 4670

($\alpha, 2n$) p

46-Pd-117

Radionuclide Production Cross Section



19

Incident Energy (MeV)

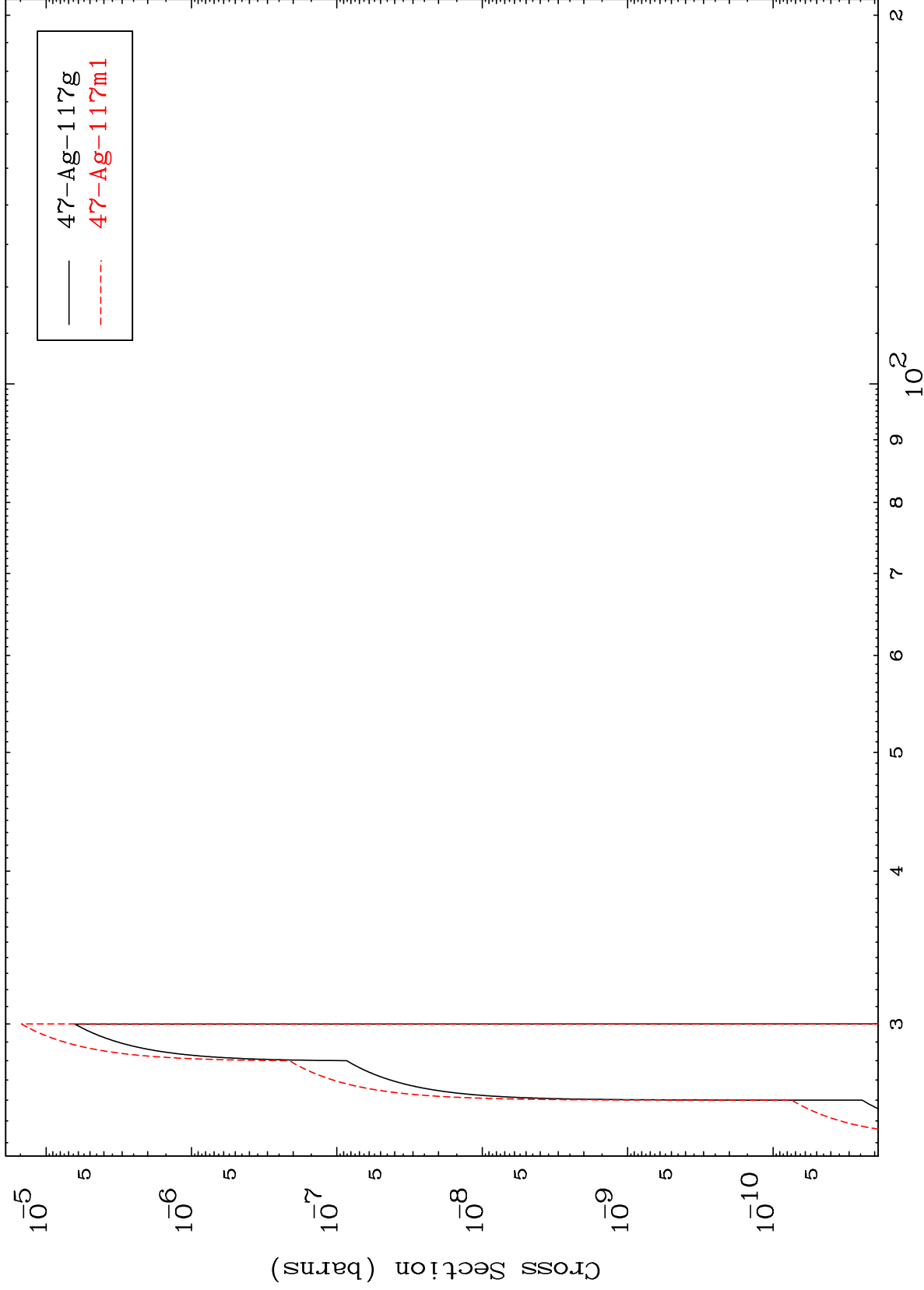
46-Pd-117

MAT 4670

($\alpha, 3n$) p

46-Pd-117

Radionuclide Production Cross Section



20

Incident Energy (MeV)

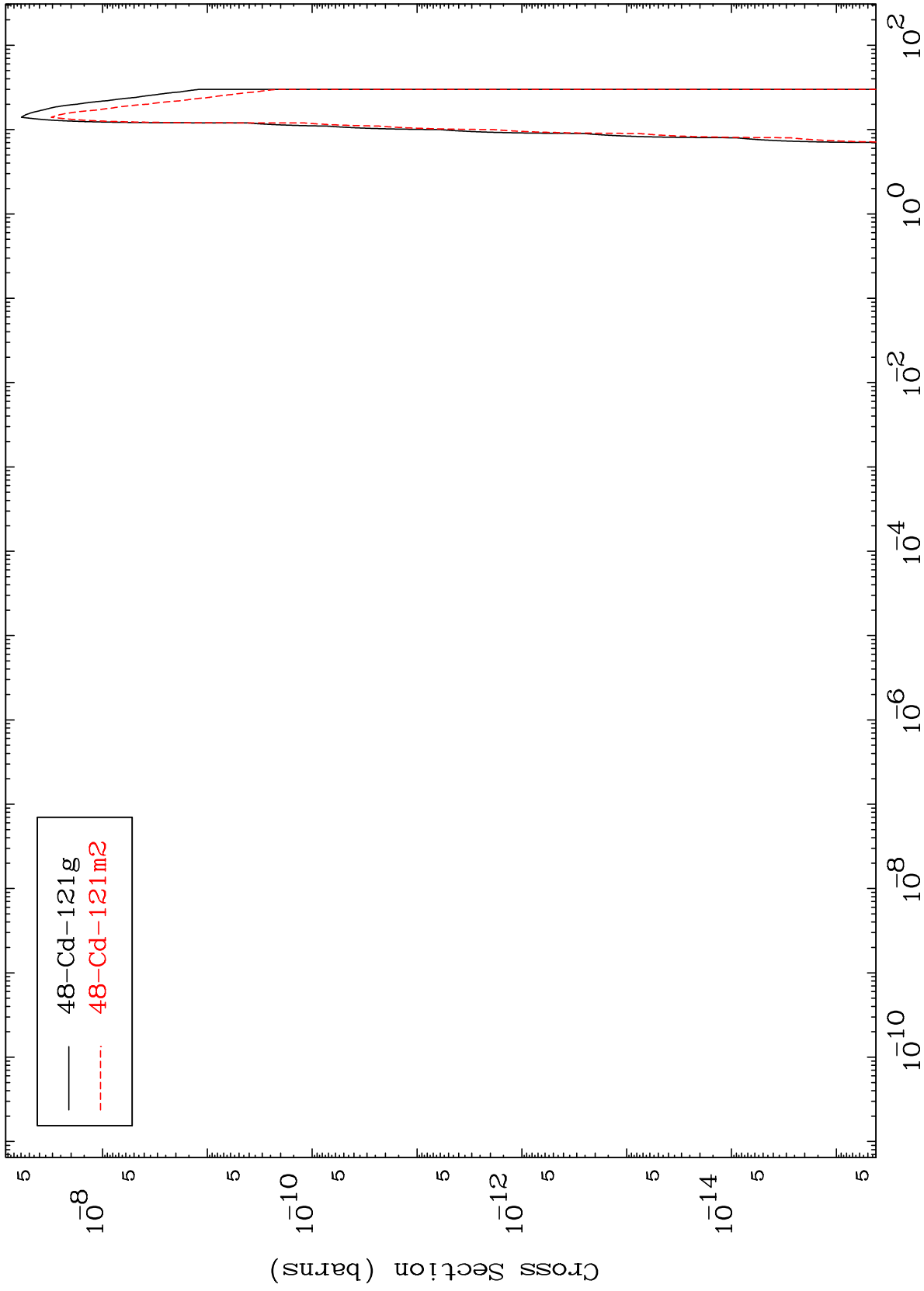
46-Pd-117

MAT 4670

(α, γ)

46-Pd-117

Radionuclide Production Cross Section



21

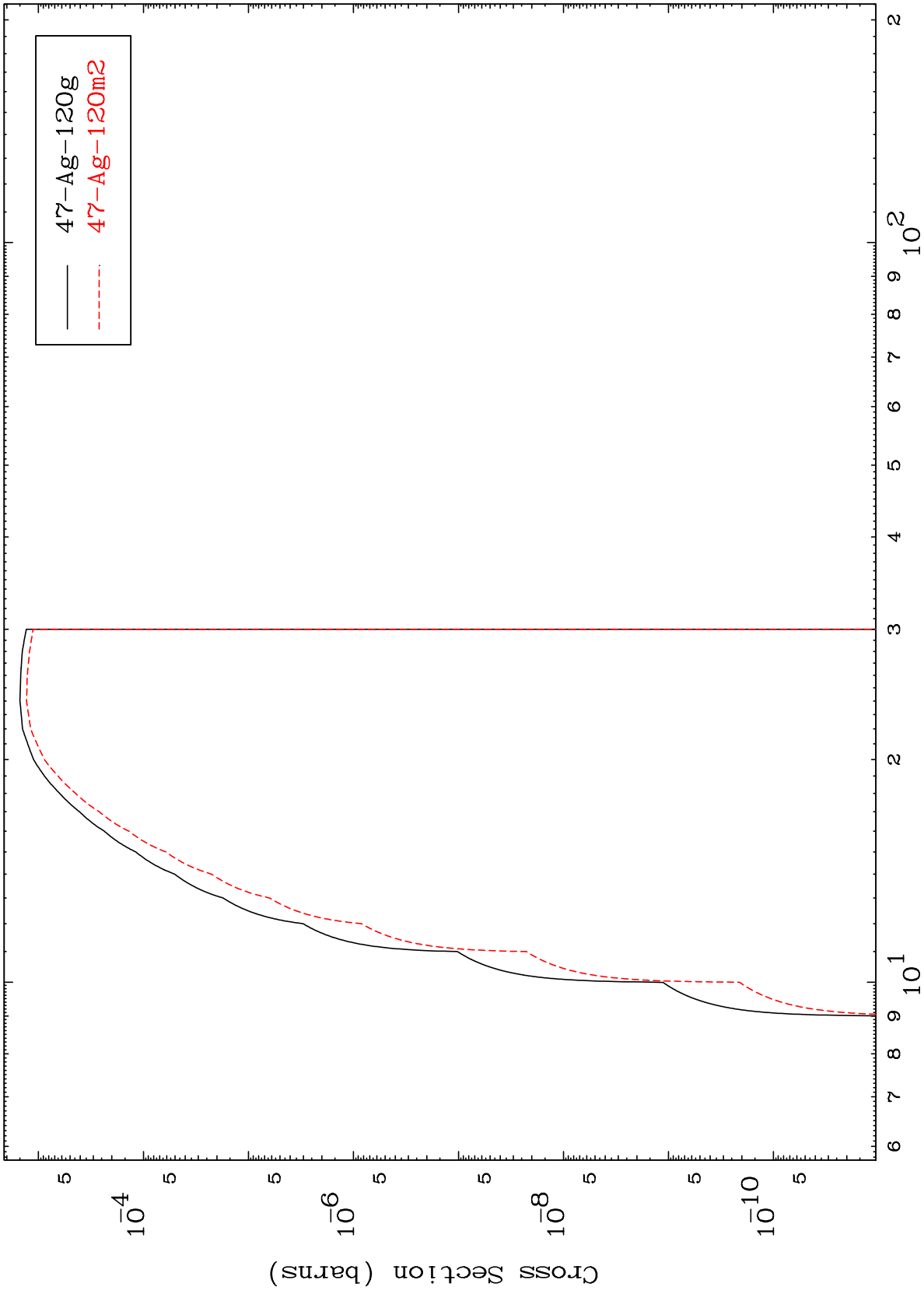
Incident Energy (MeV)

46-Pd-117

MAT 4670

46-Pd-117

(α, p)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

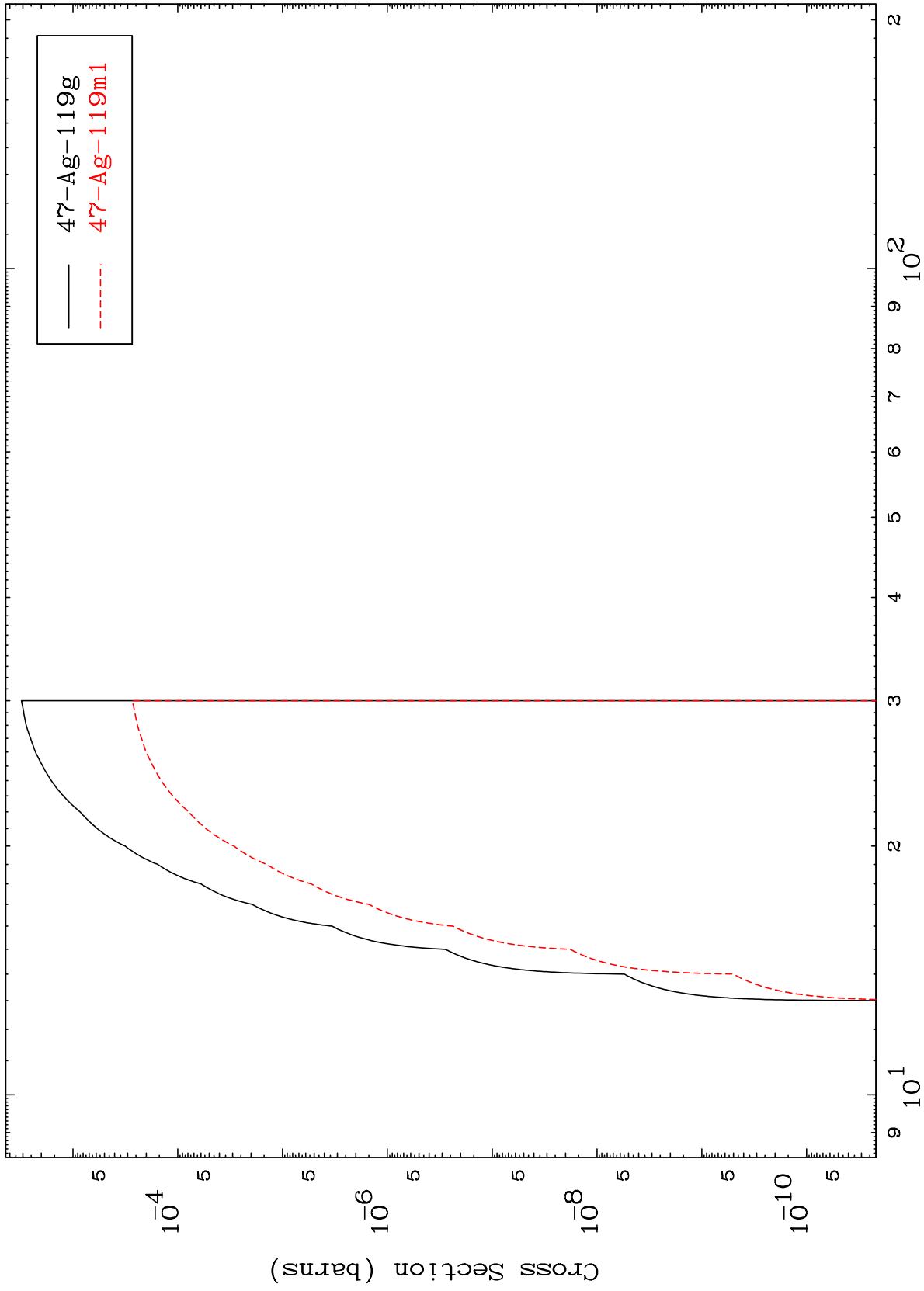
46-Pd-117

MAT 4670

(α, d)

46-Pd-117

Radionuclide Production Cross Section



23

Incident Energy (MeV)

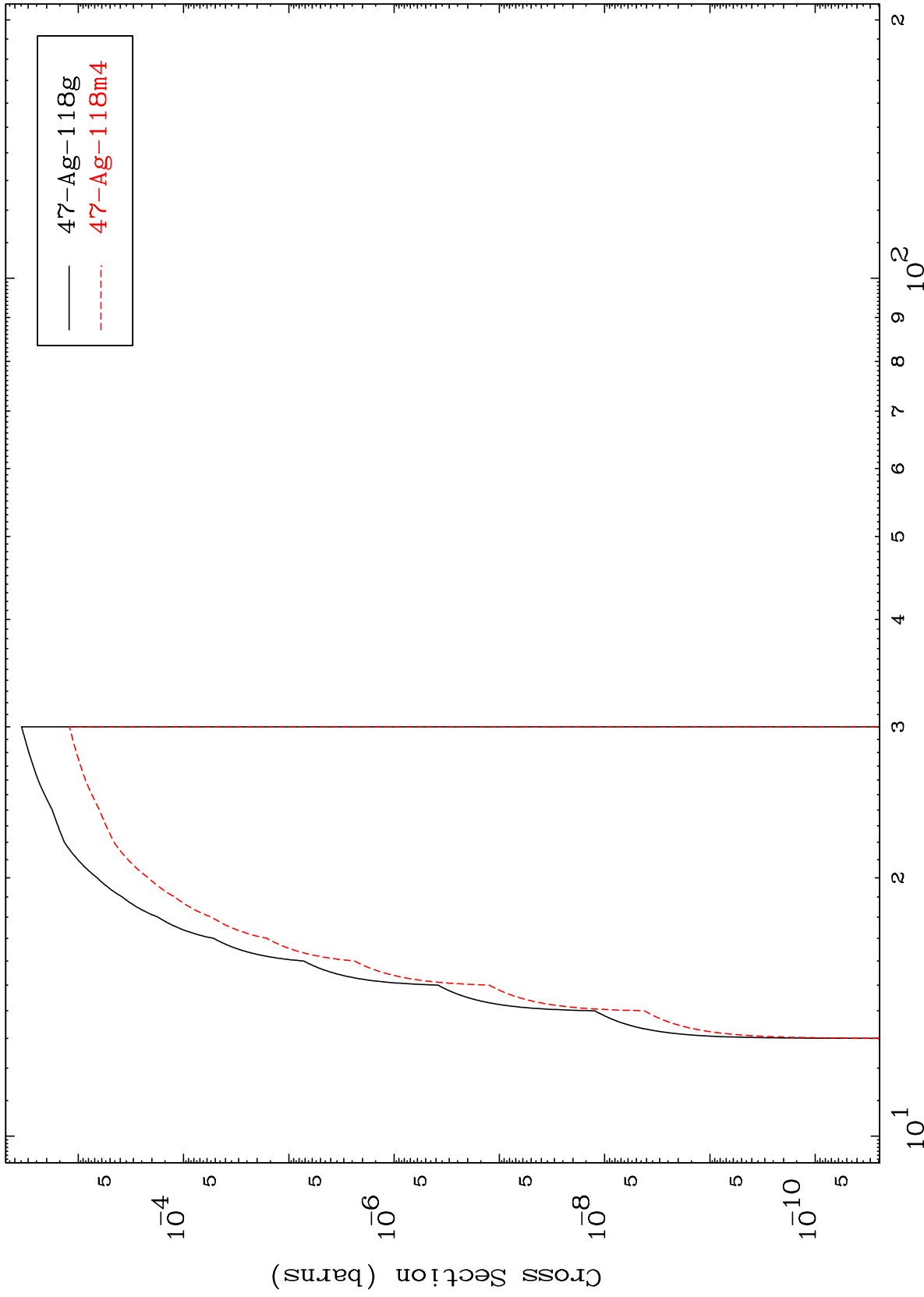
46-Pd-117

MAT 4670

(α, t)

46-Pd-117

Radionuclide Production Cross Section



24

Incident Energy (MeV)

46-Pd-117