

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

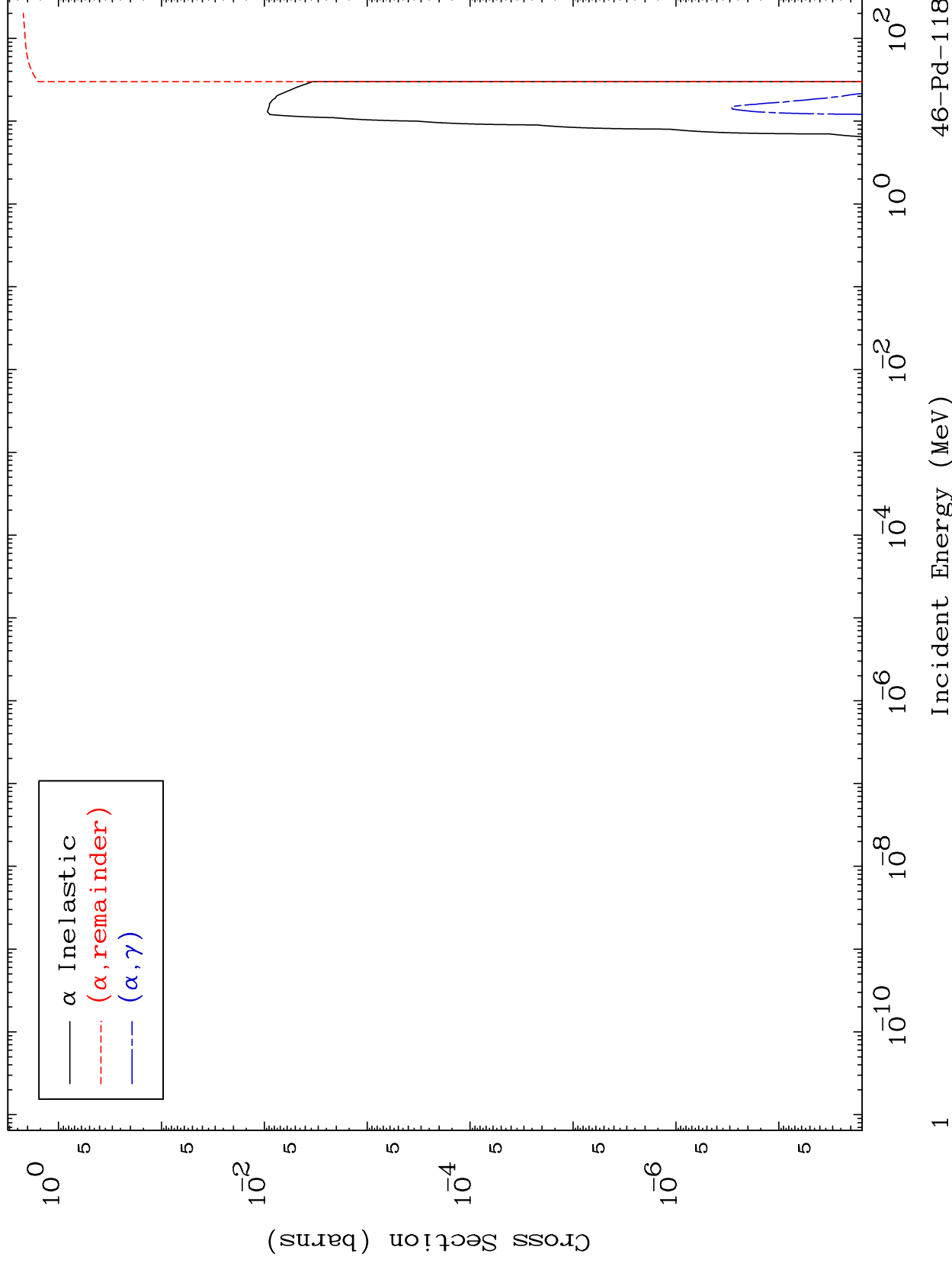
Press Mouse Button to Start

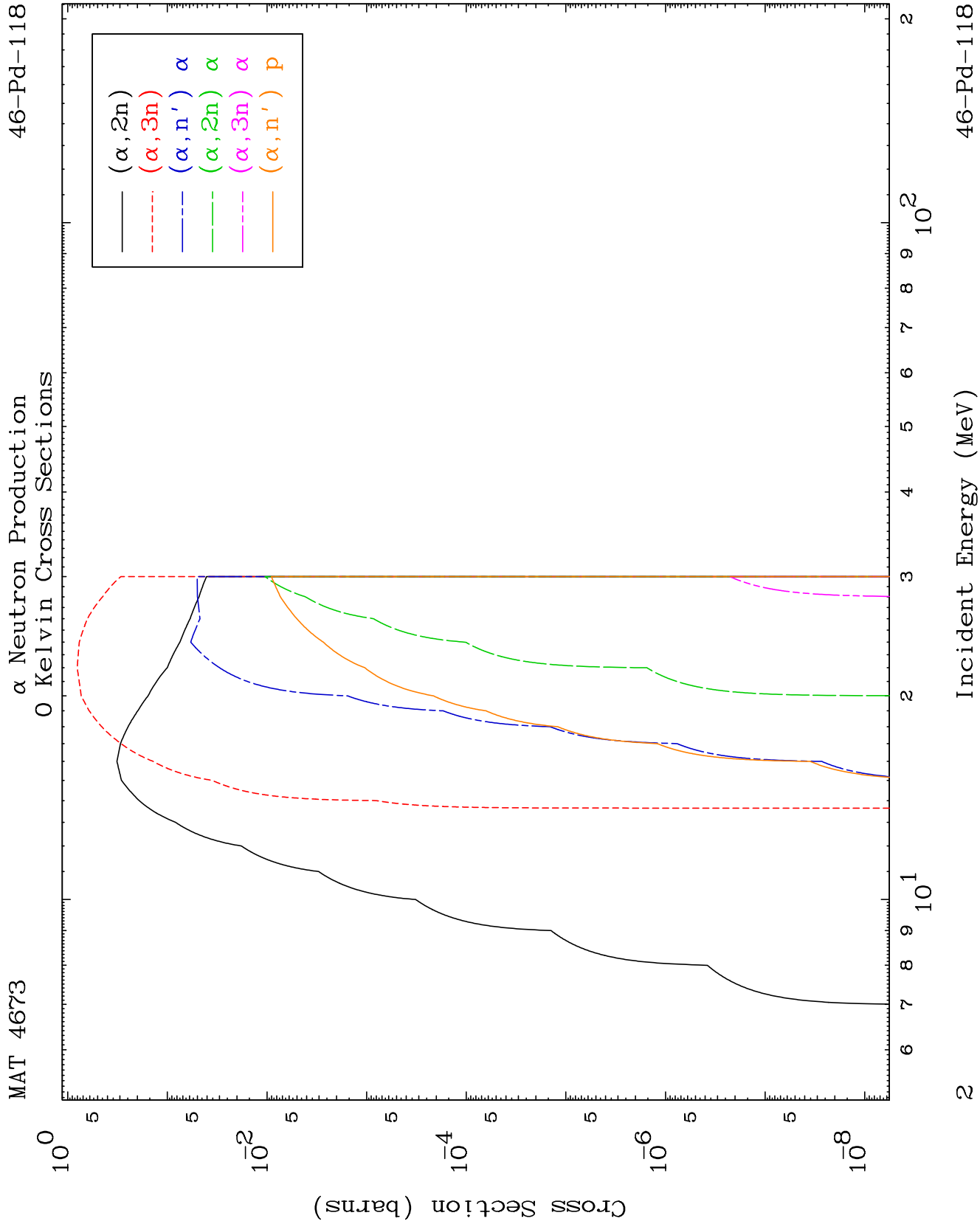
MAT 4673

α Major

46-Pd-118

0 Kelvin Cross Sections

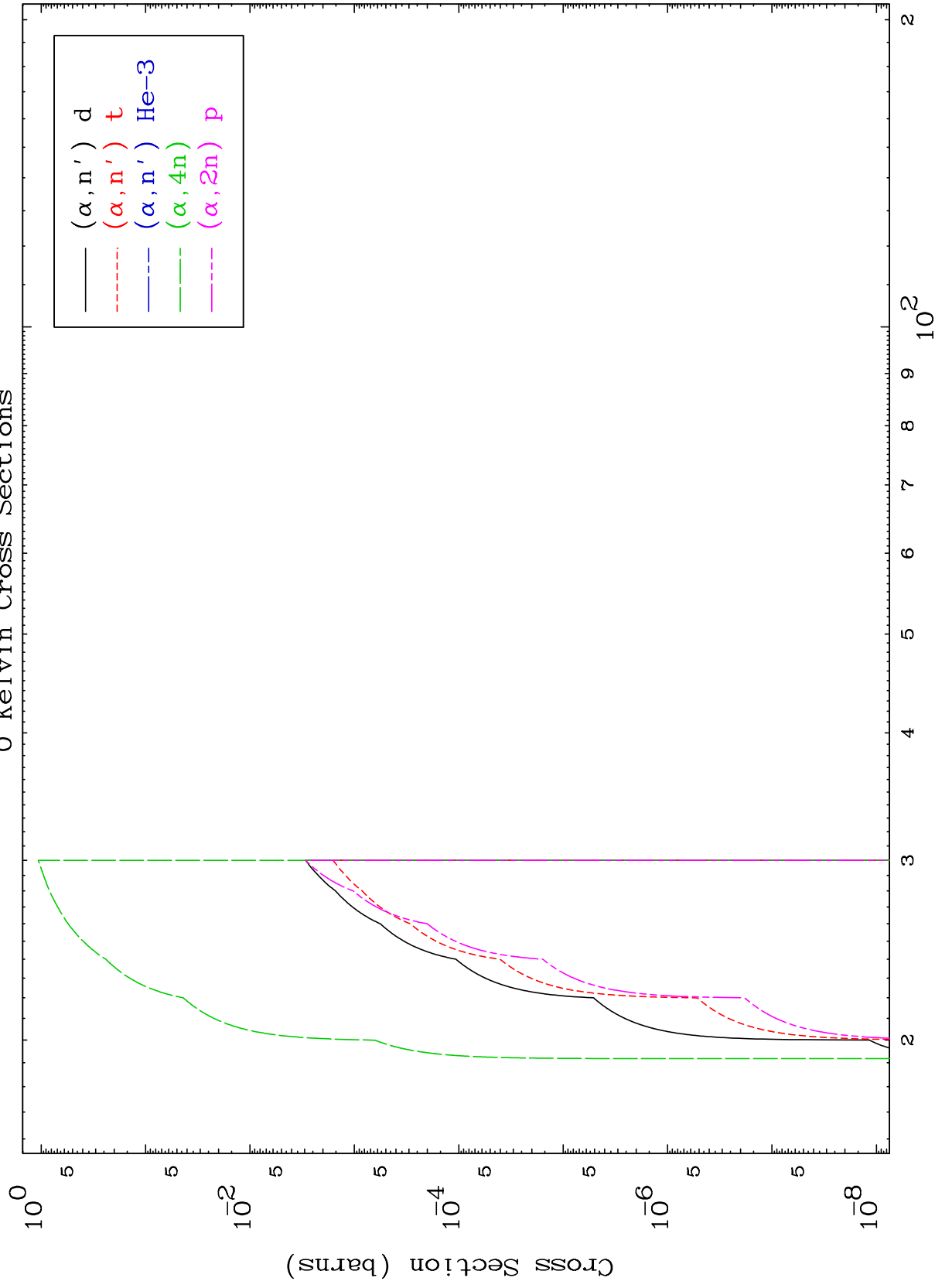




MAT 4673

α Neutron Production
0 Kelvin Cross Sections

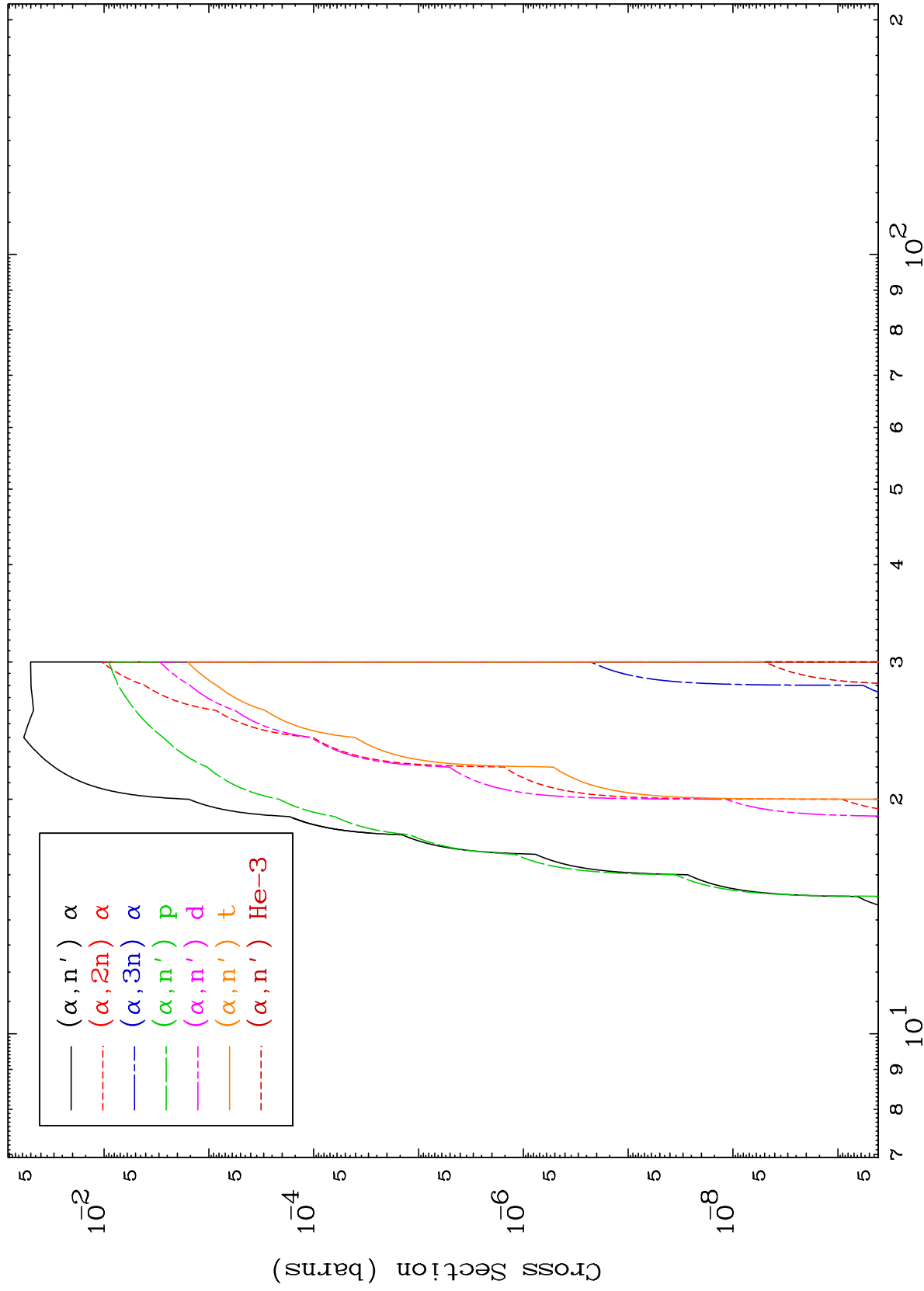
46-Pd-118



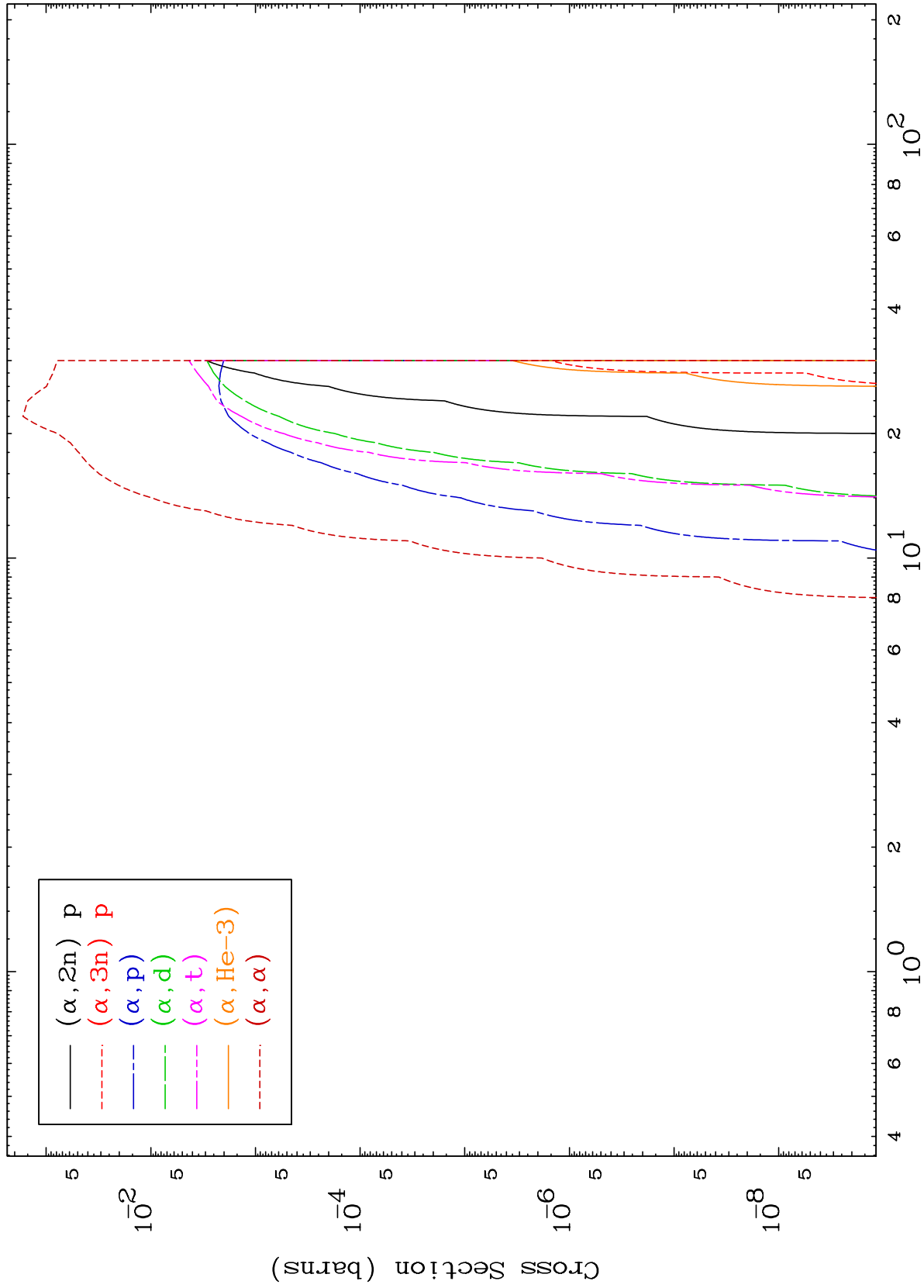
3

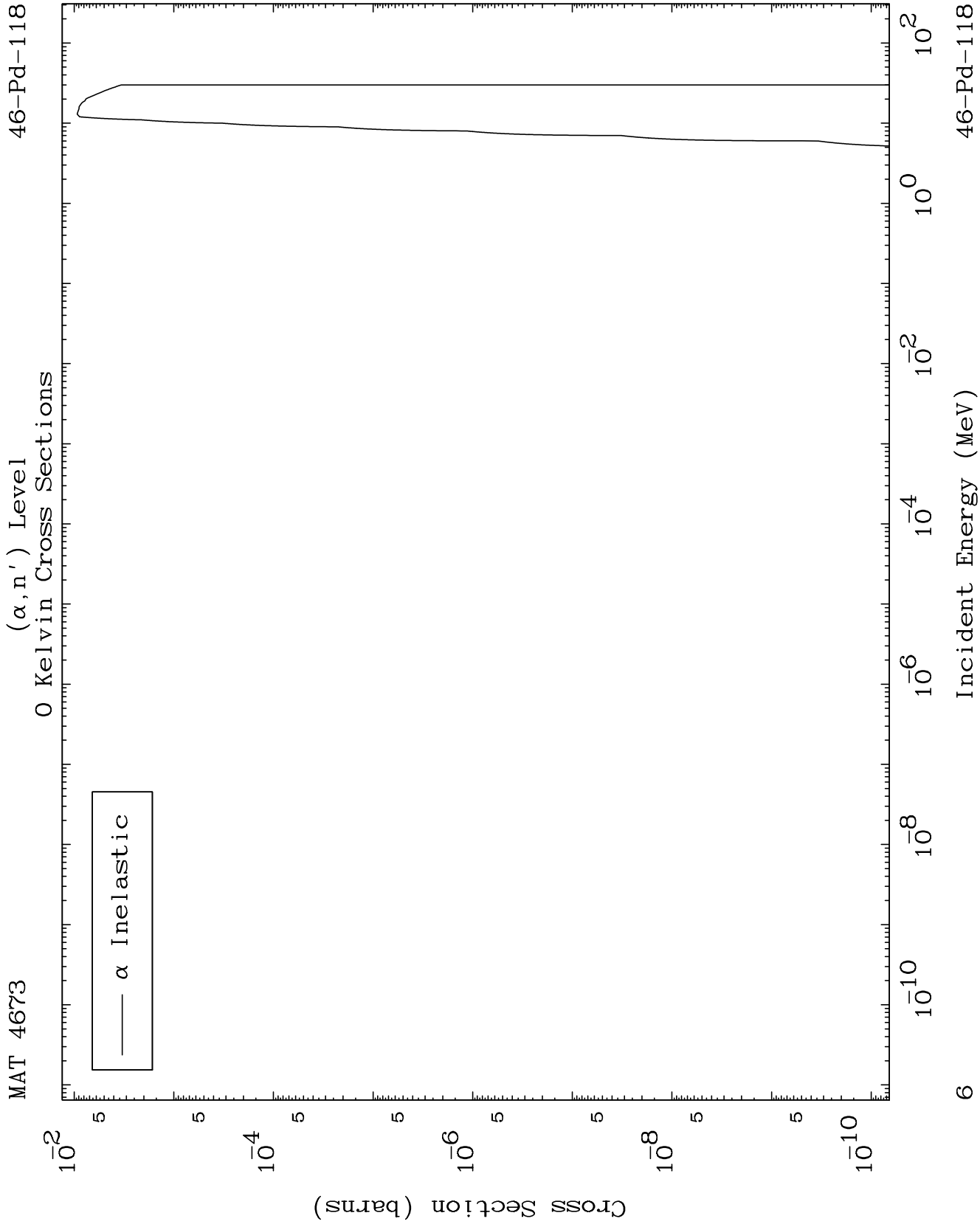
Incident Energy (MeV)

46-Pd-118



0 Kelvin Cross Sections

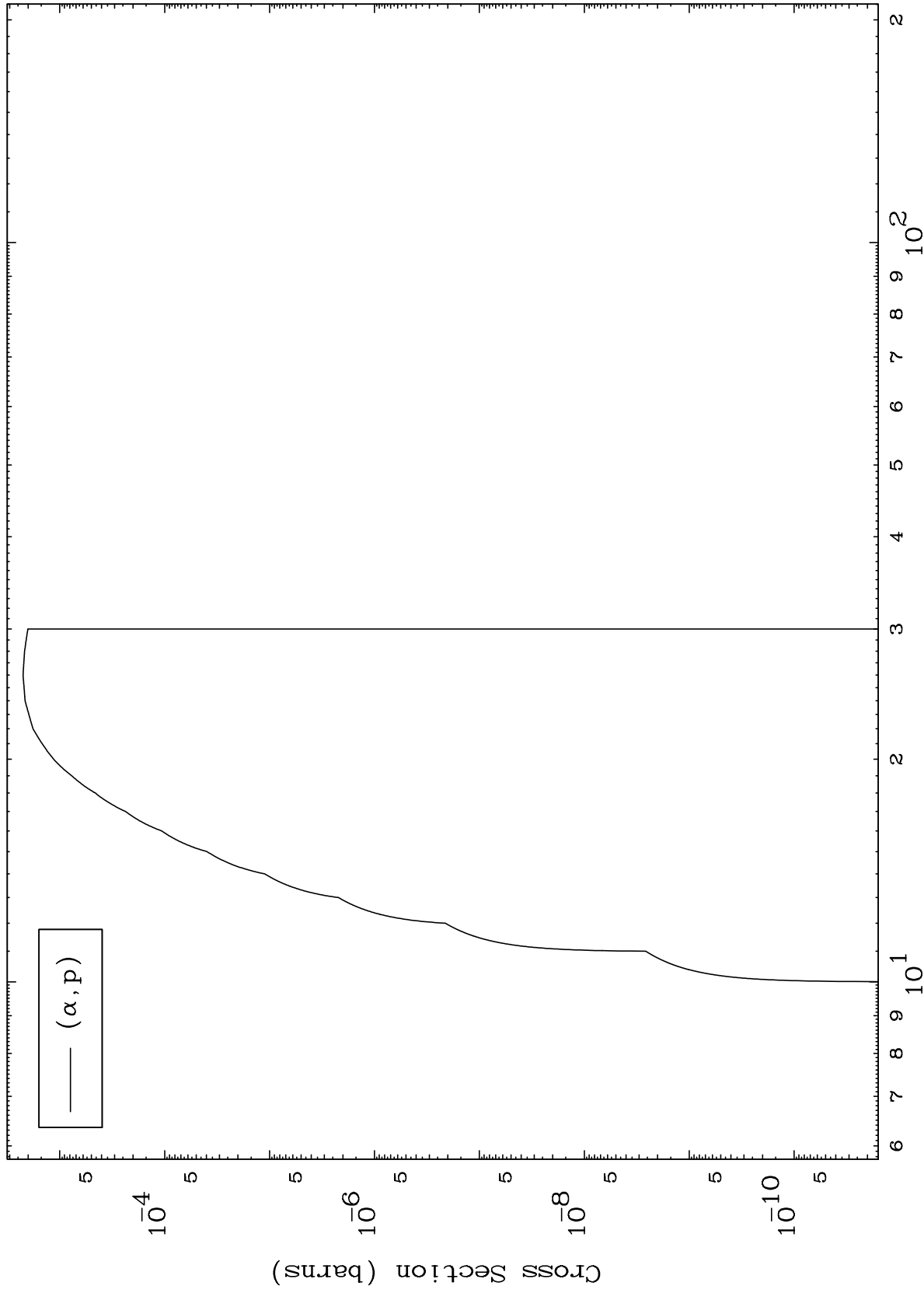




MAT 4673

46-Pd-118

(α ,p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

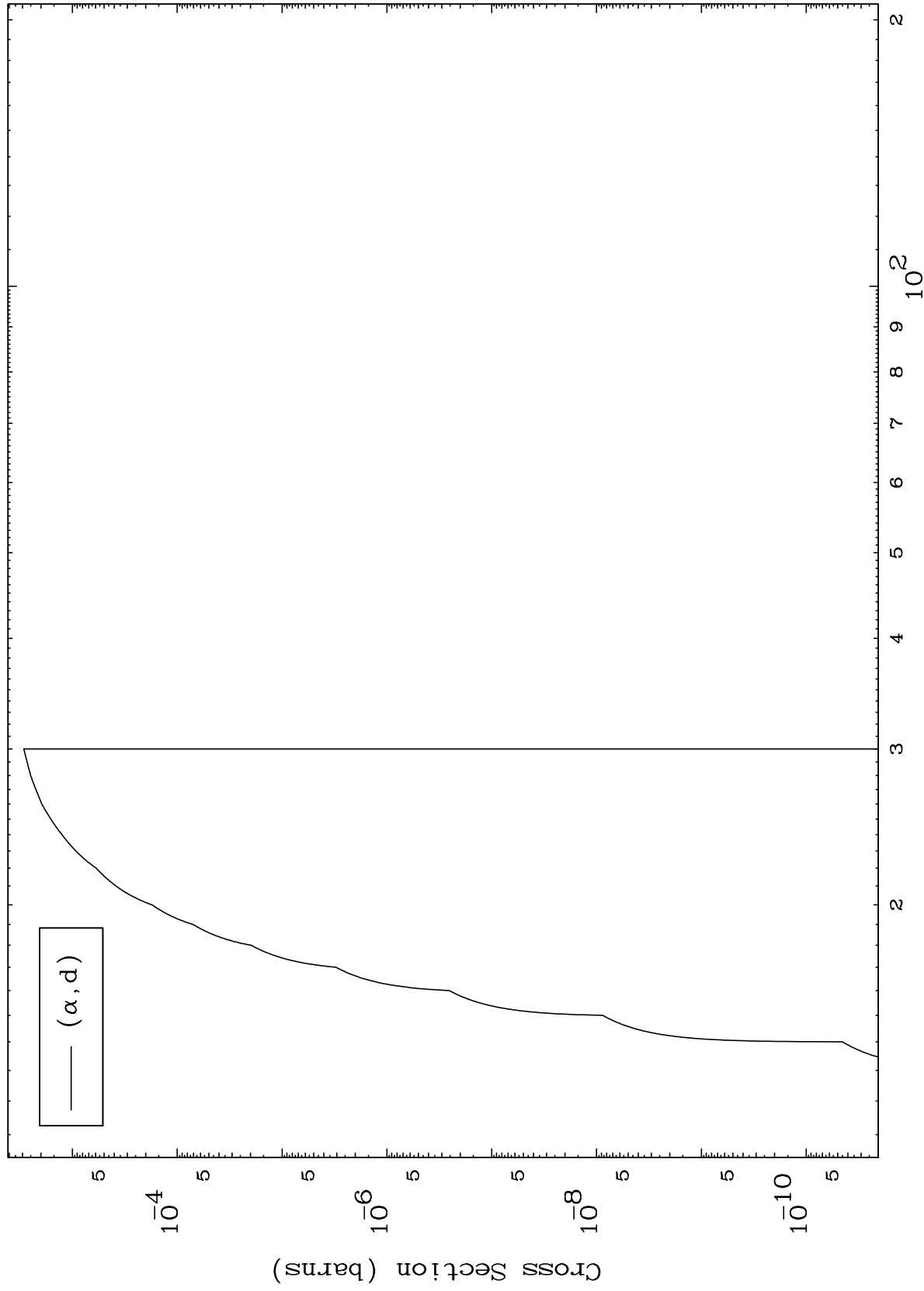
46-Pd-118

MAT 4673

(α ,d) Levels

46-Pd-118

0 Kelvin Cross Sections



8

Incident Energy (MeV)

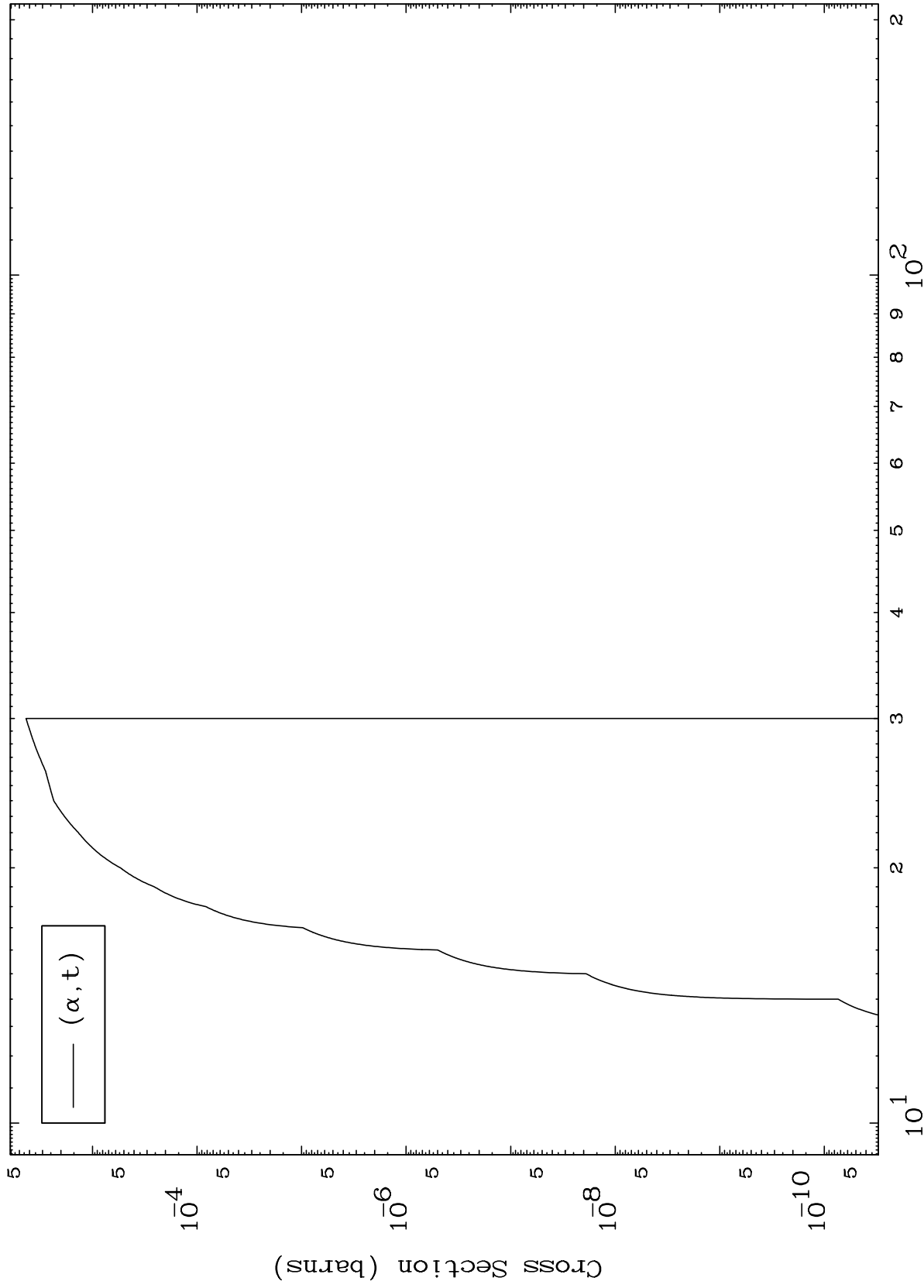
46-Pd-118

MAT 4673

(α ,t) Levels

46-Pd-118

0 Kelvin Cross Sections



9

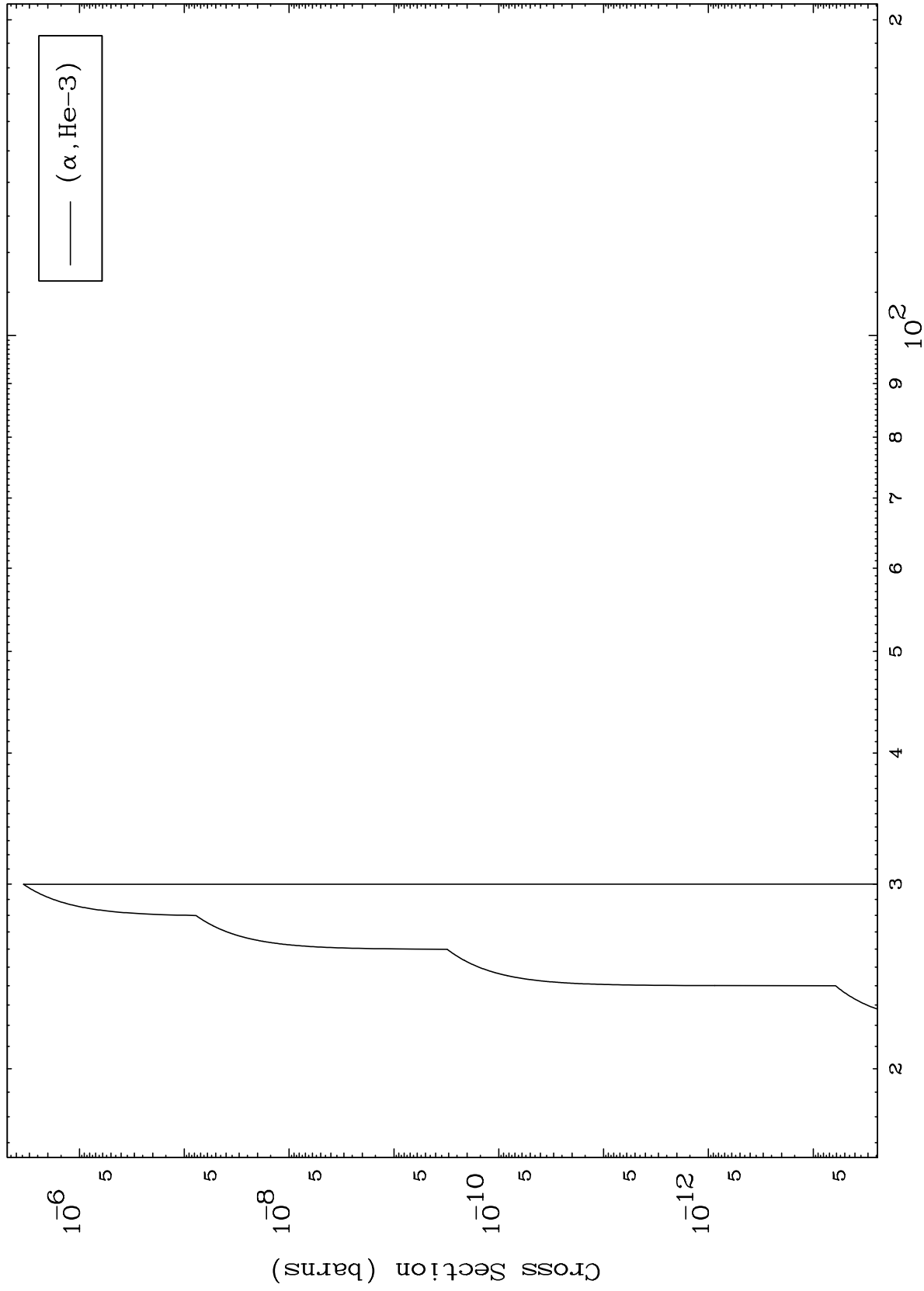
Incident Energy (MeV)

46-Pd-118

MAT 4673

(α ,He3) Levels
0 Kelvin Cross Sections

46-Pd-118



10

Incident Energy (MeV)

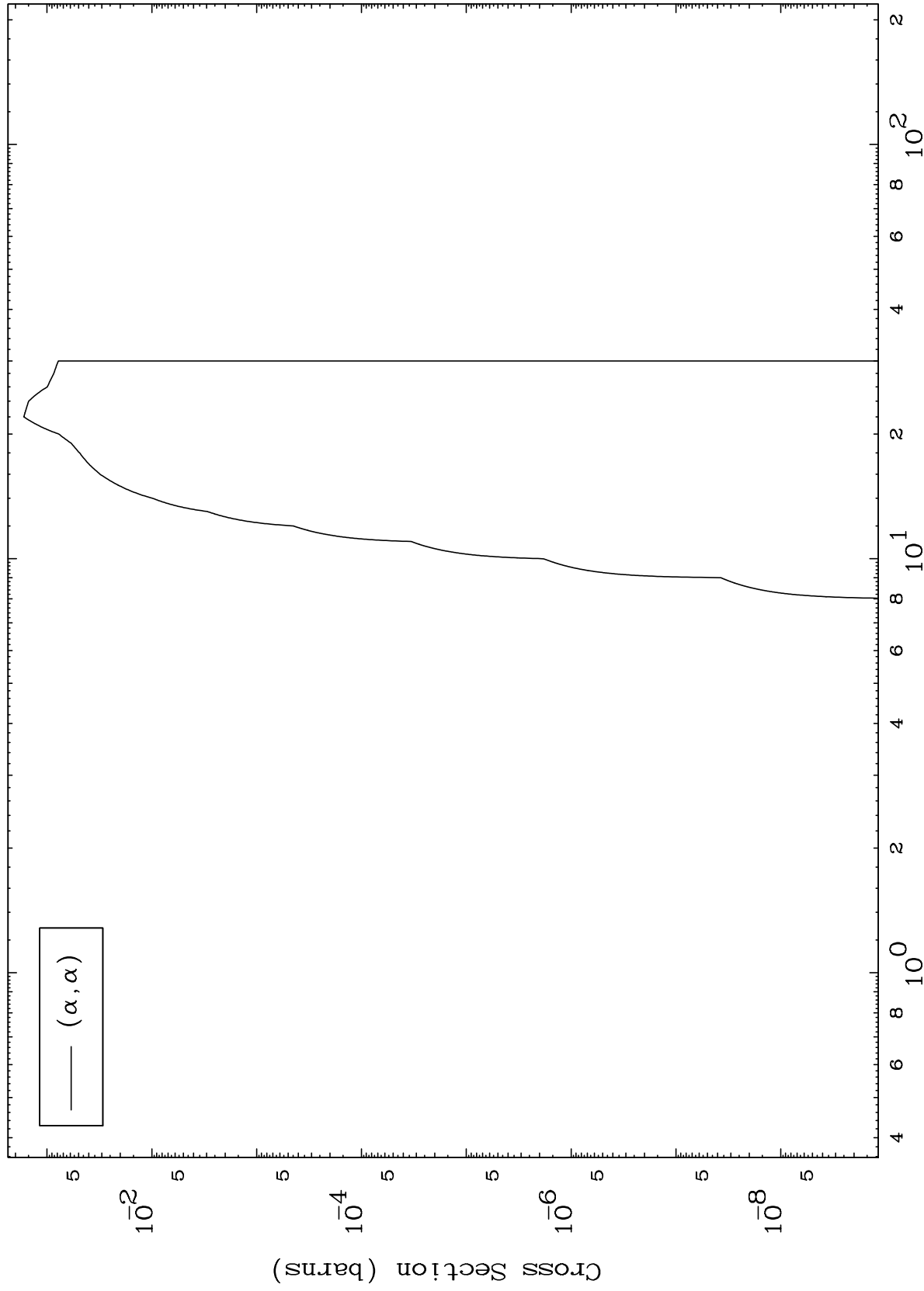
46-Pd-118

MAT 4673

(α, α) Levels

46-Pd-118

0 Kelvin Cross Sections



11

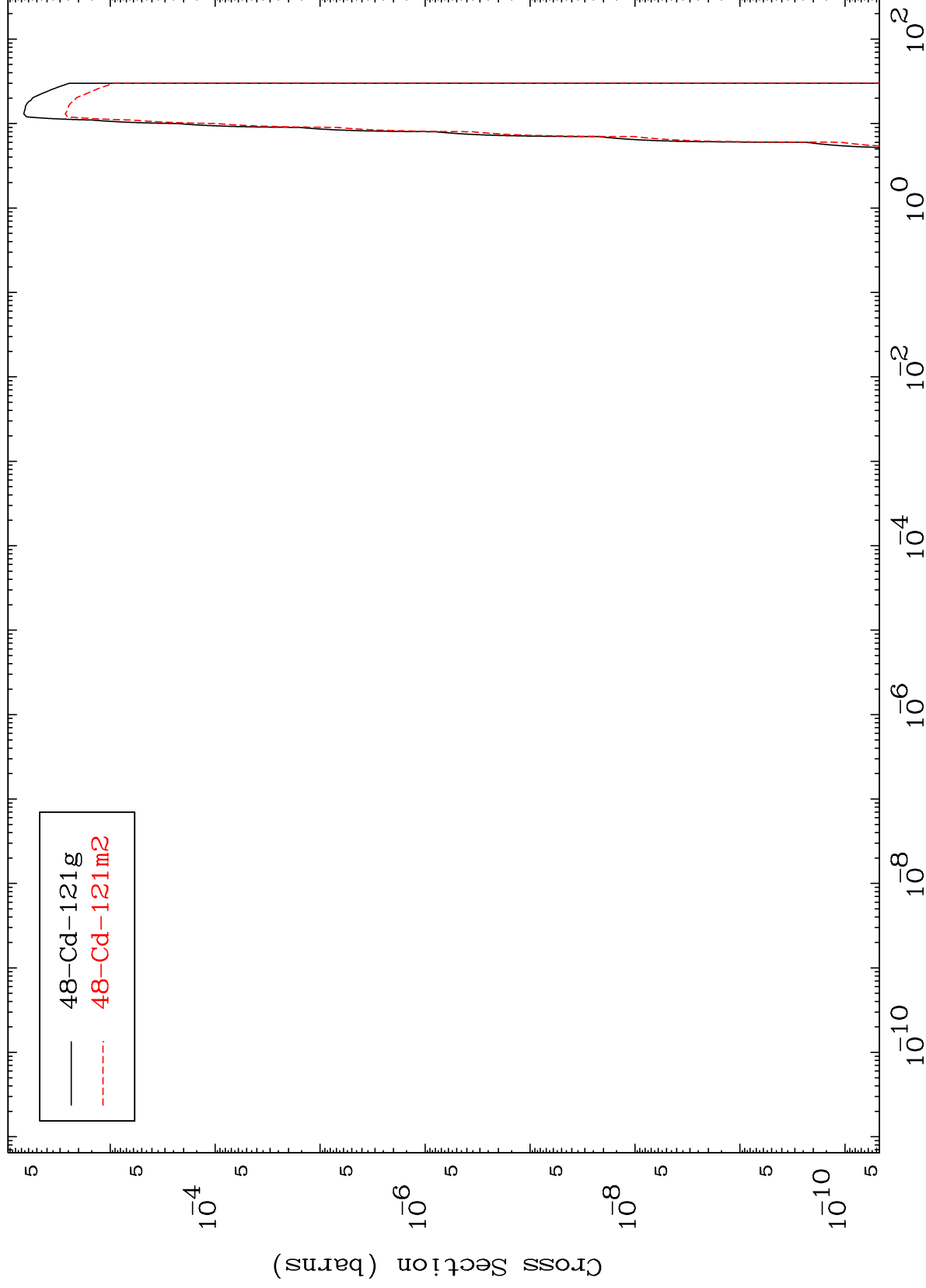
Incident Energy (MeV)

46-Pd-118

MAT 4673

Radionuclide Production Cross Section

46-Pd-118



12

Incident Energy (MeV)

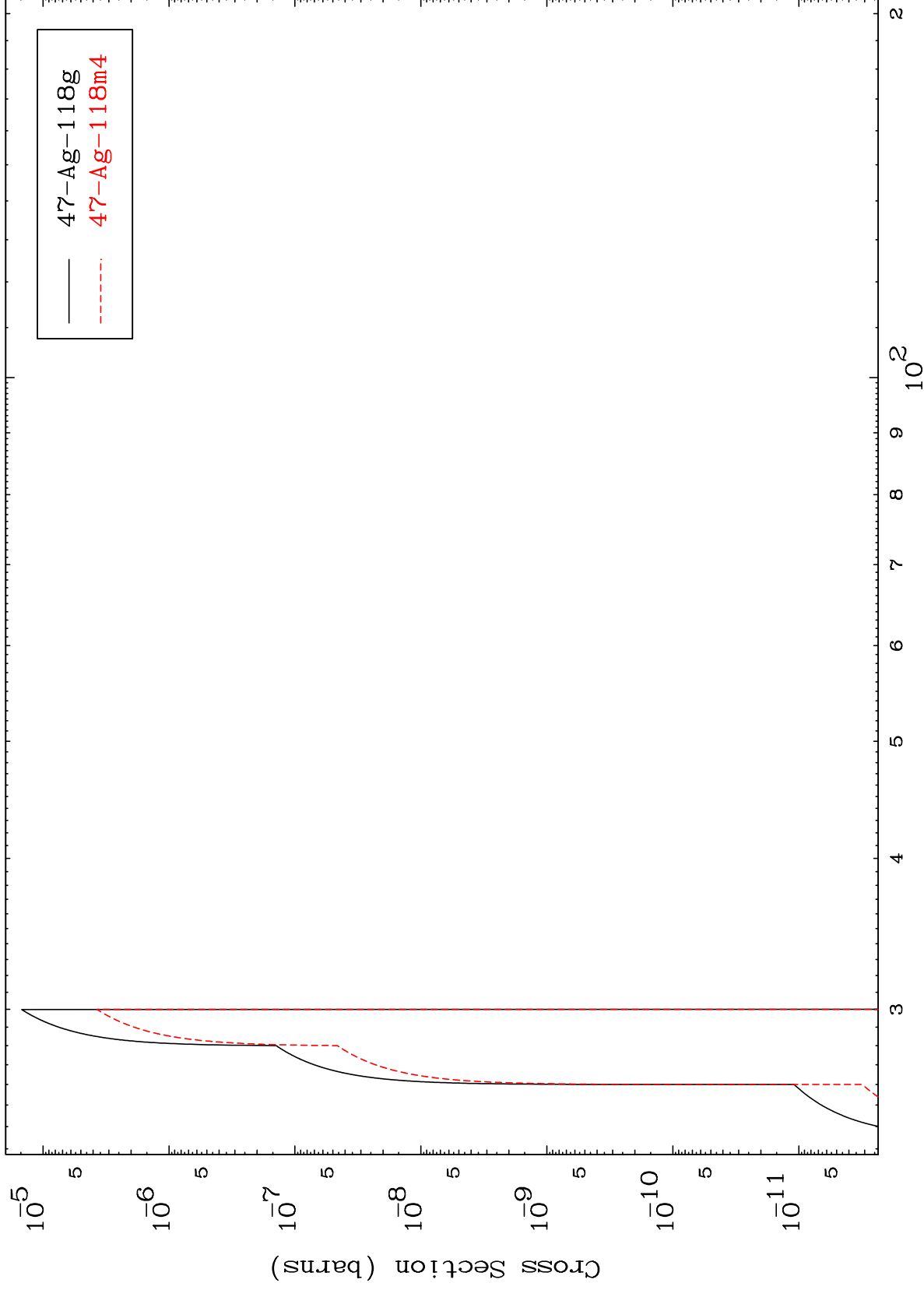
46-Pd-118

MAT 4673

$(\alpha, 2n)$ d

46-Pd-118

Radionuclide Production Cross Section



13

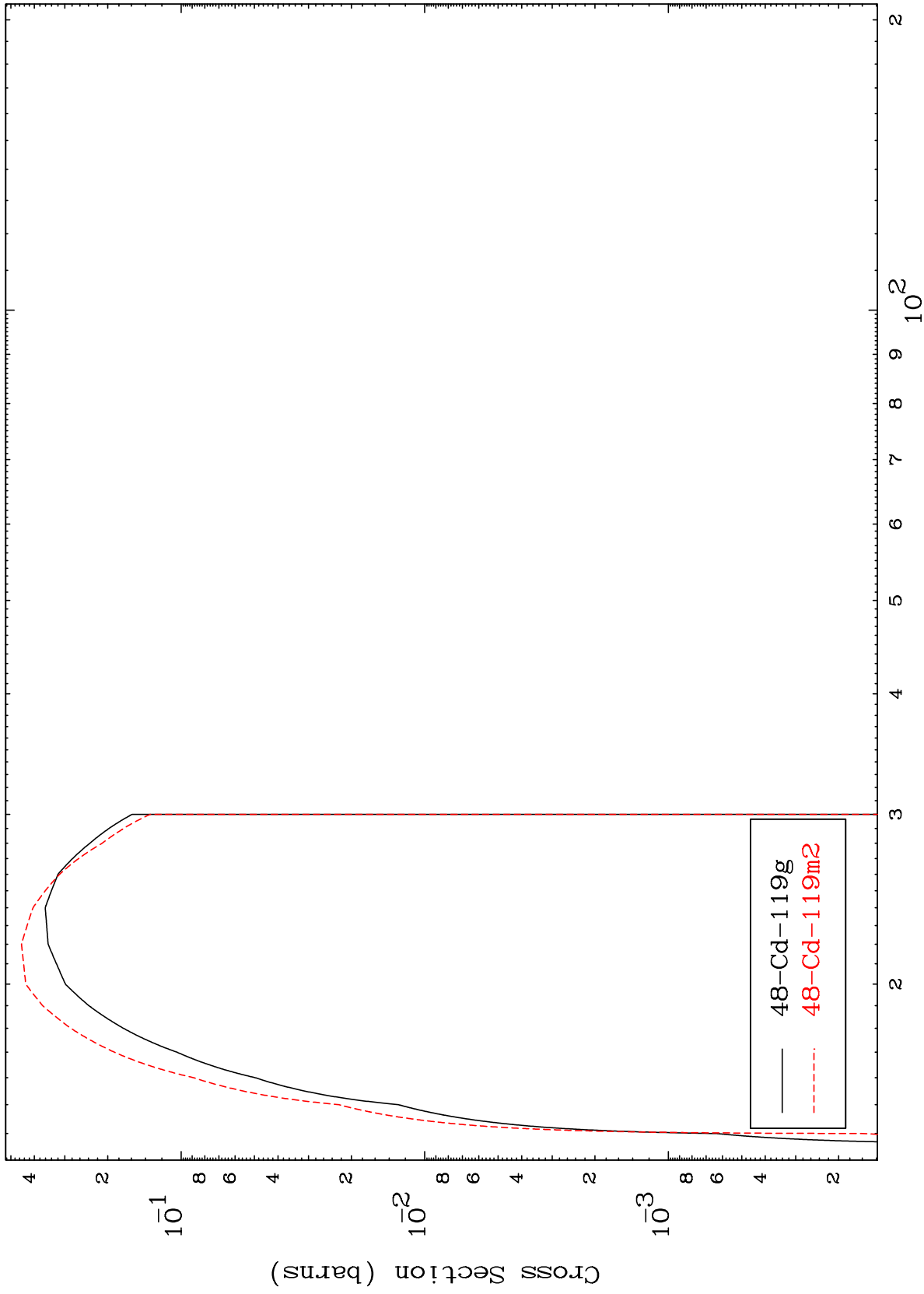
Incident Energy (MeV)

46-Pd-118

MAT 4673

46-Pd-118

Radionuclide Production Cross Section
($\alpha, 3n$)



14

Incident Energy (MeV)

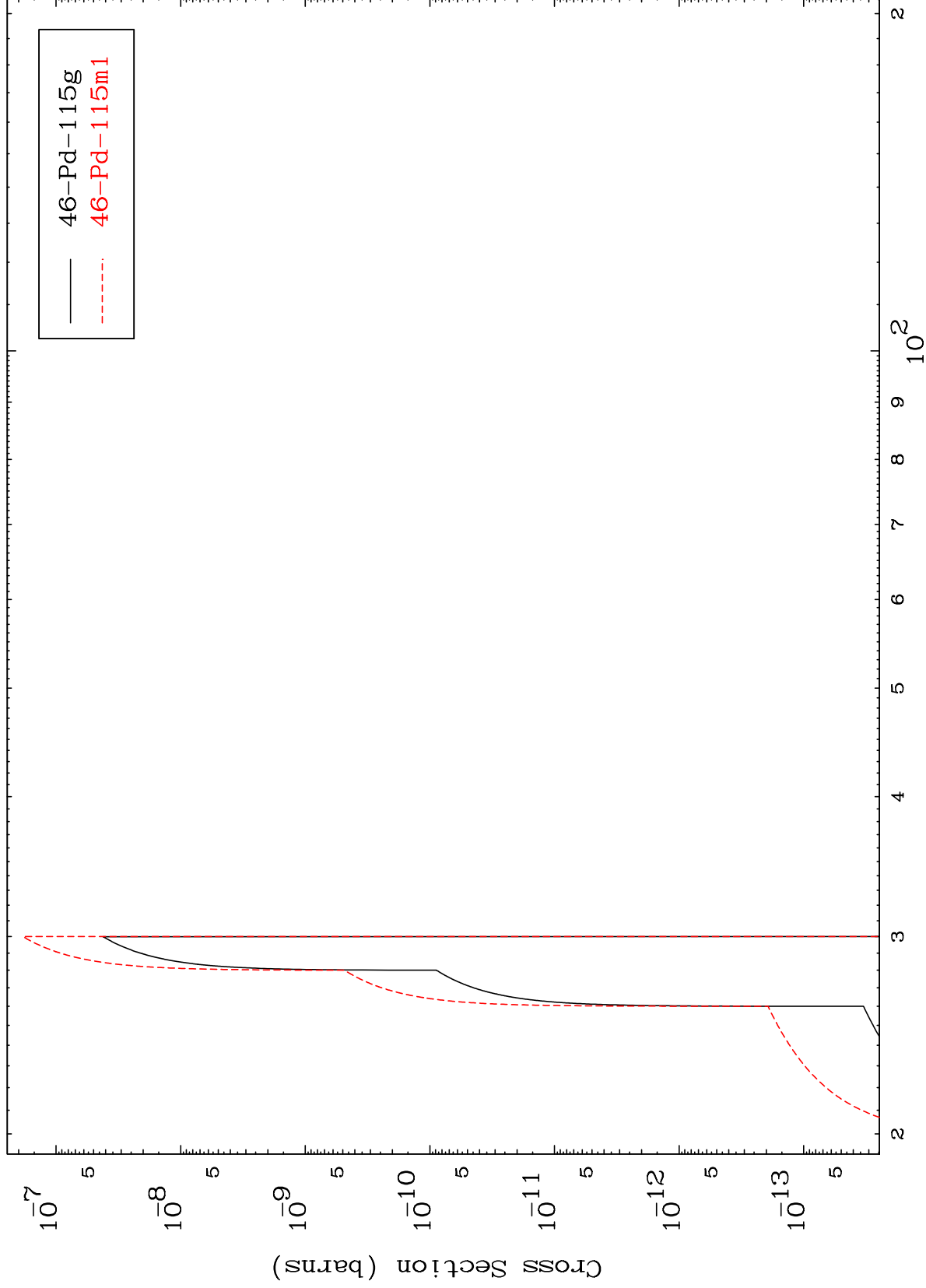
46-Pd-118

MAT 4673

$(\alpha, 3n) \alpha$

46-Pd-118

Radionuclide Production Cross Section



15

Incident Energy (MeV)

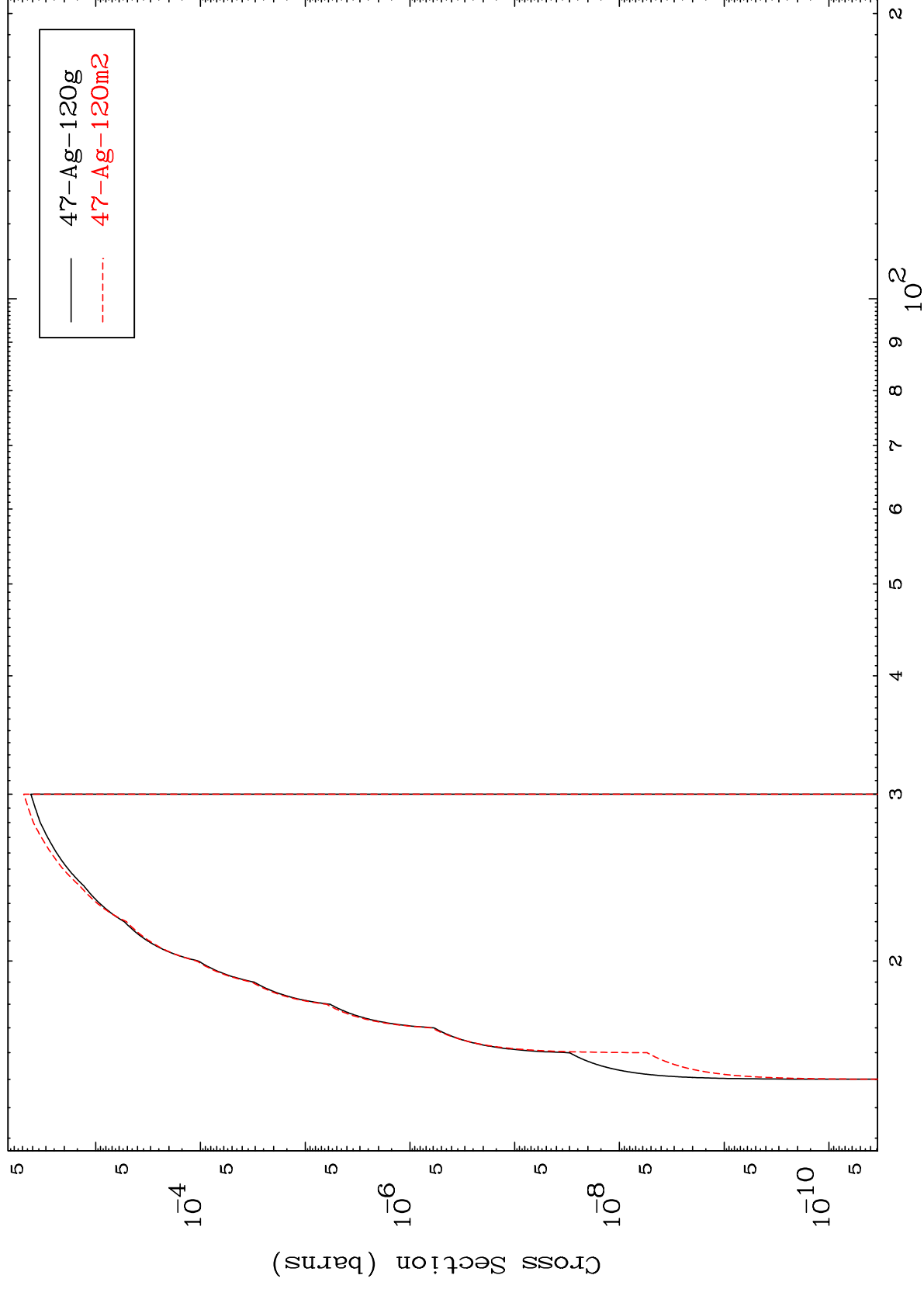
46-Pd-118

MAT 4673

$$(\alpha, n') \text{ p}$$

46-Pd-118

Radionuclide Production Cross Section



16

Incident Energy (MeV)

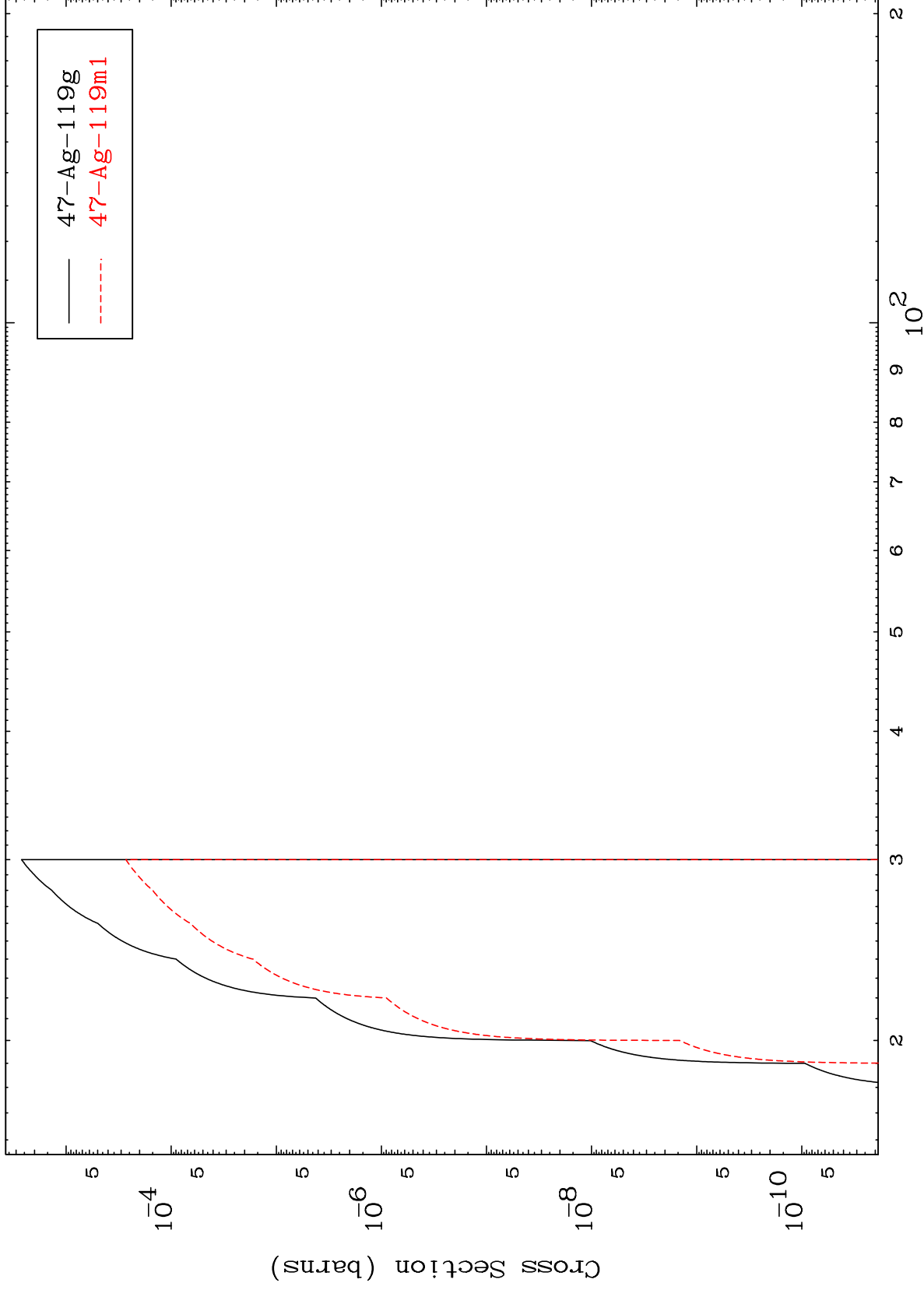
46-Pd-118

MAT 4673

(α, n') d

Radionuclide Production Cross Section

46-Pd-118



17

Incident Energy (MeV)

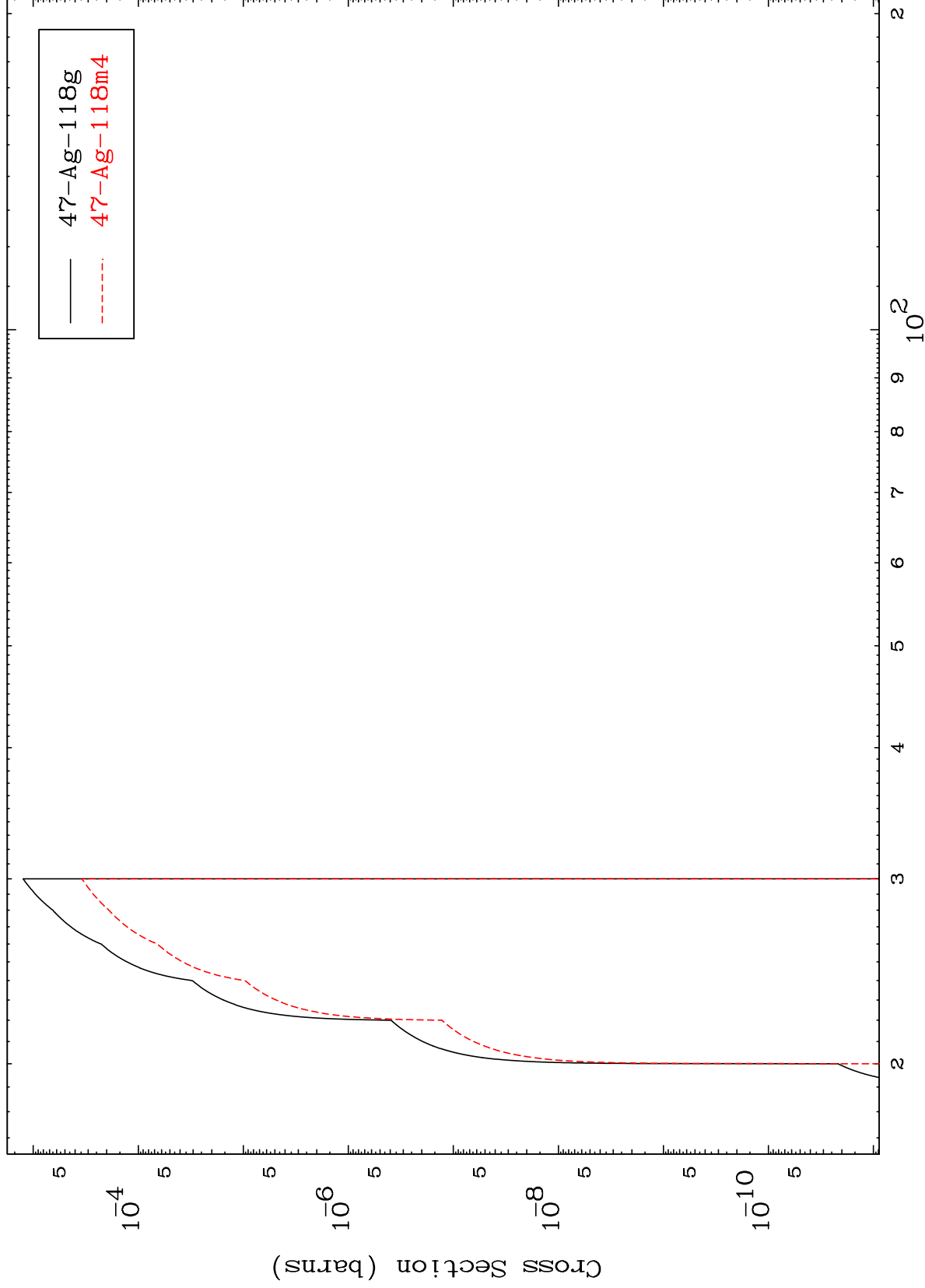
46-Pd-118

MAT 4673

(α, n') t

46-Pd-118

Radionuclide Production Cross Section



18

Incident Energy (MeV)

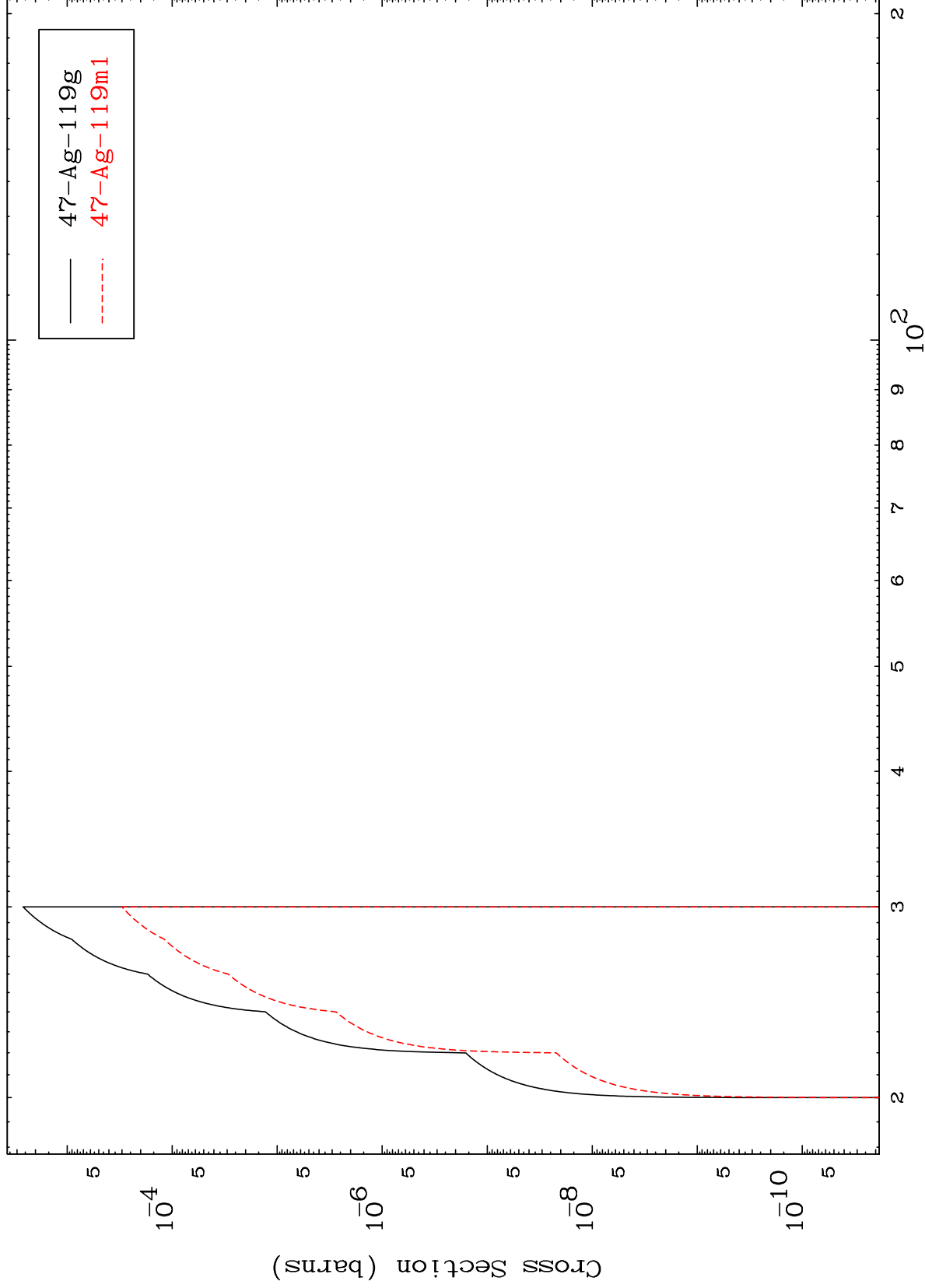
46-Pd-118

MAT 4673

$(\alpha, 2n)$ p

46-Pd-118

Radionuclide Production Cross Section



19

Incident Energy (MeV)

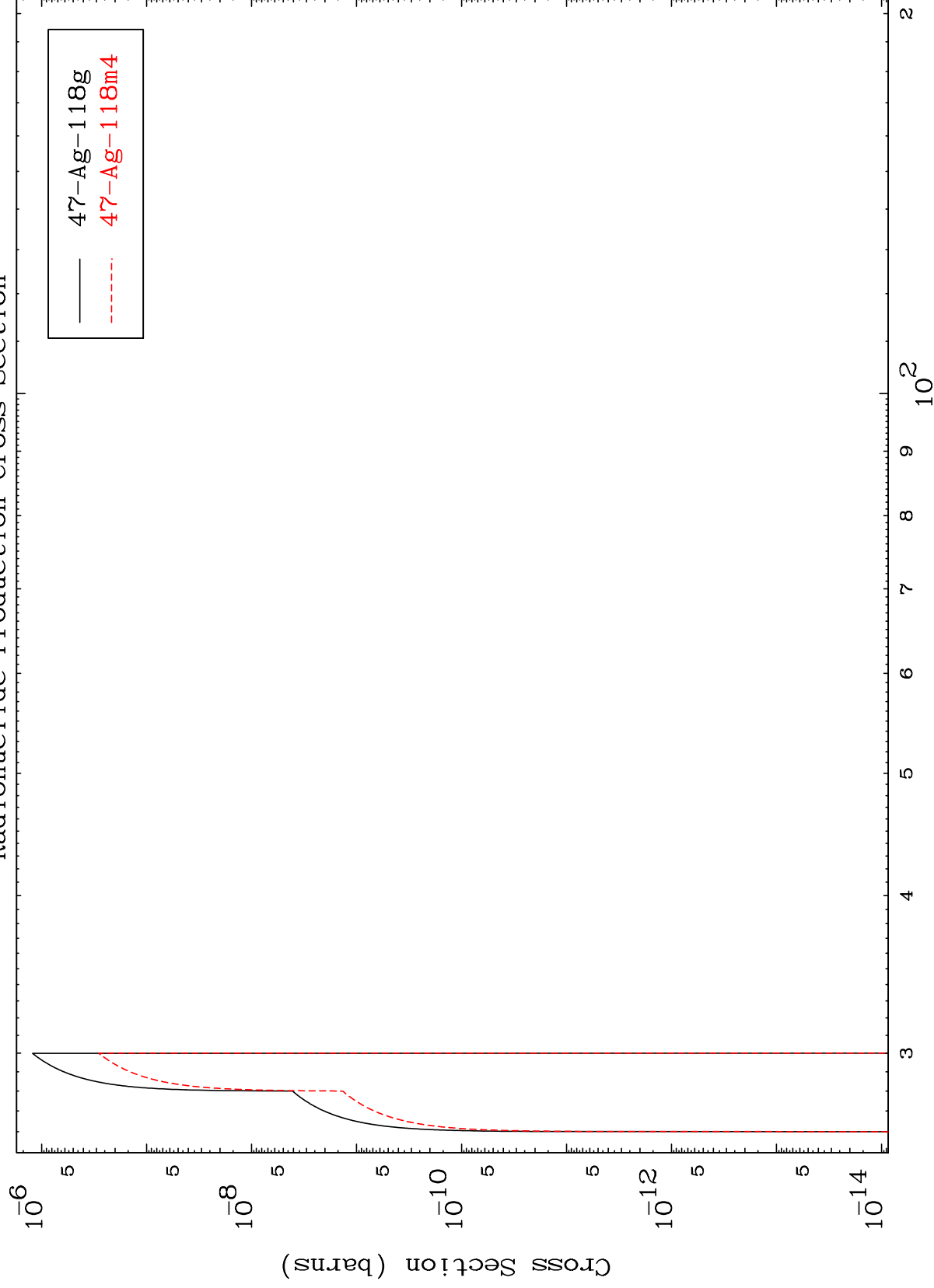
46-Pd-118

MAT 4673

$(\alpha, 3n)$ p

46-Pd-118

Radionuclide Production Cross Section



20

Incident Energy (MeV)

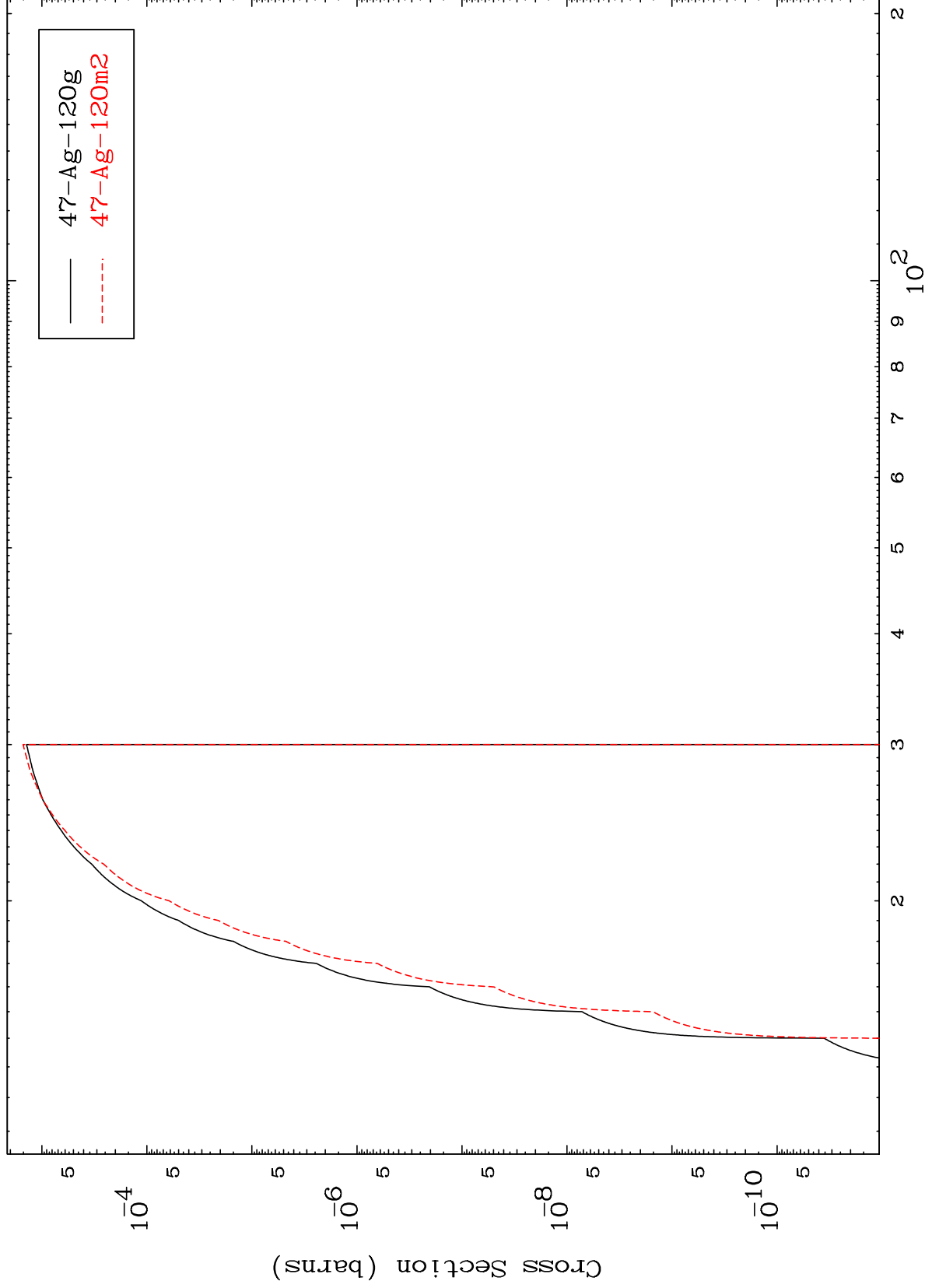
46-Pd-118

MAT 4673

(α, d)

46-Pd-118

Radionuclide Production Cross Section



21

Incident Energy (MeV)

46-Pd-118

