

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

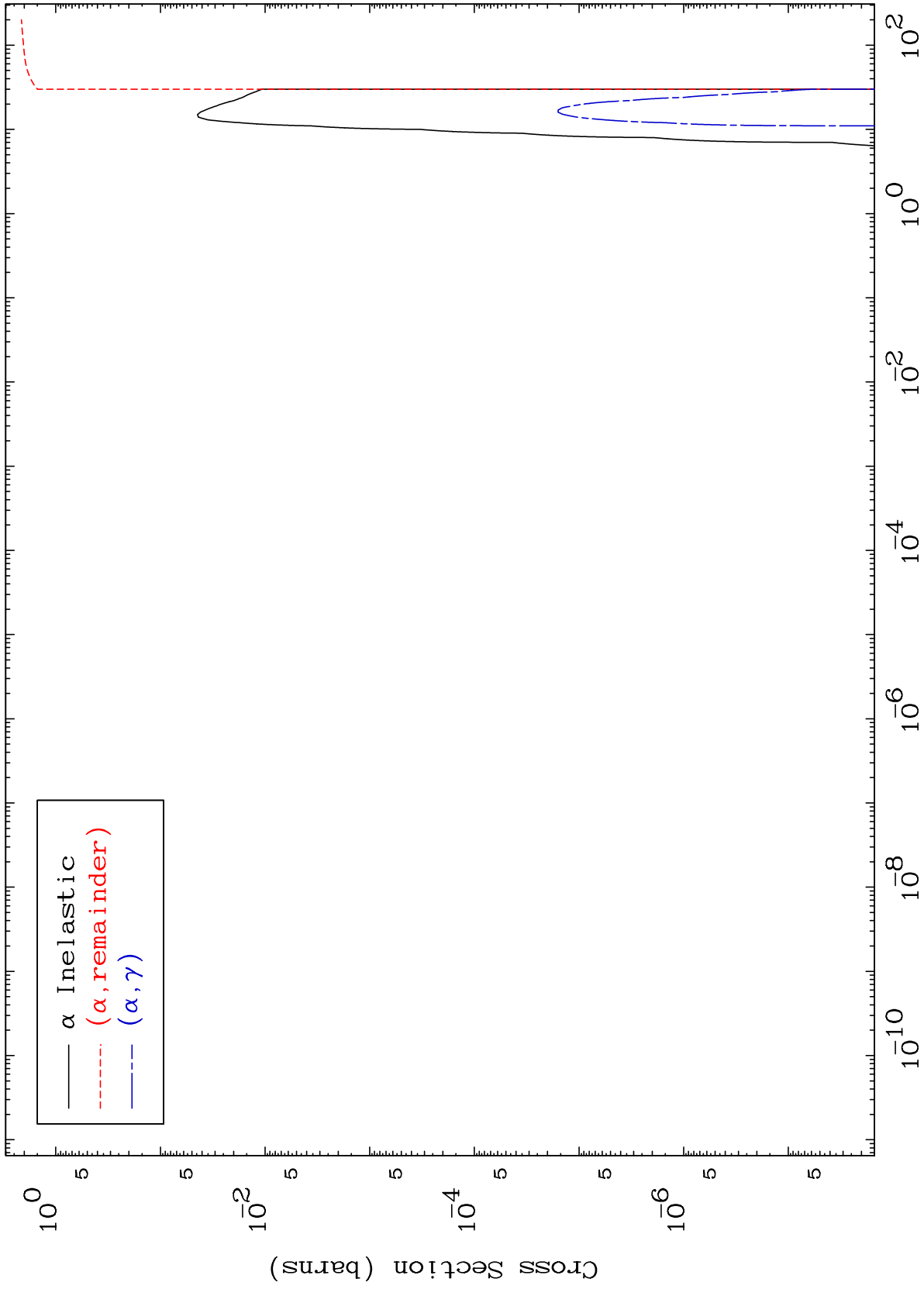
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4653

0 Kelvin  $\alpha$  Major

46-Pd-111



1

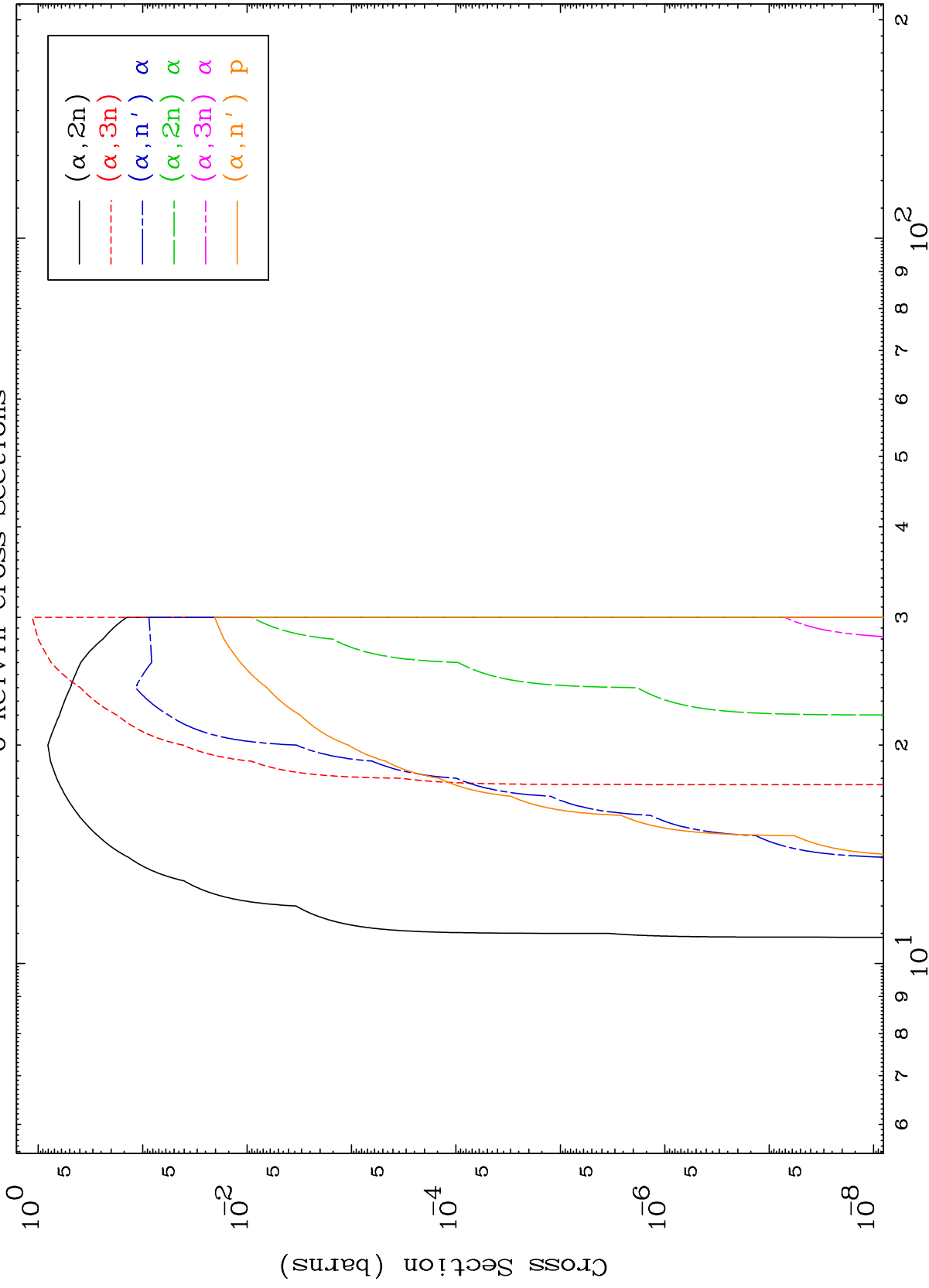
Incident Energy (MeV)

46-Pd-111

MAT 4653

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

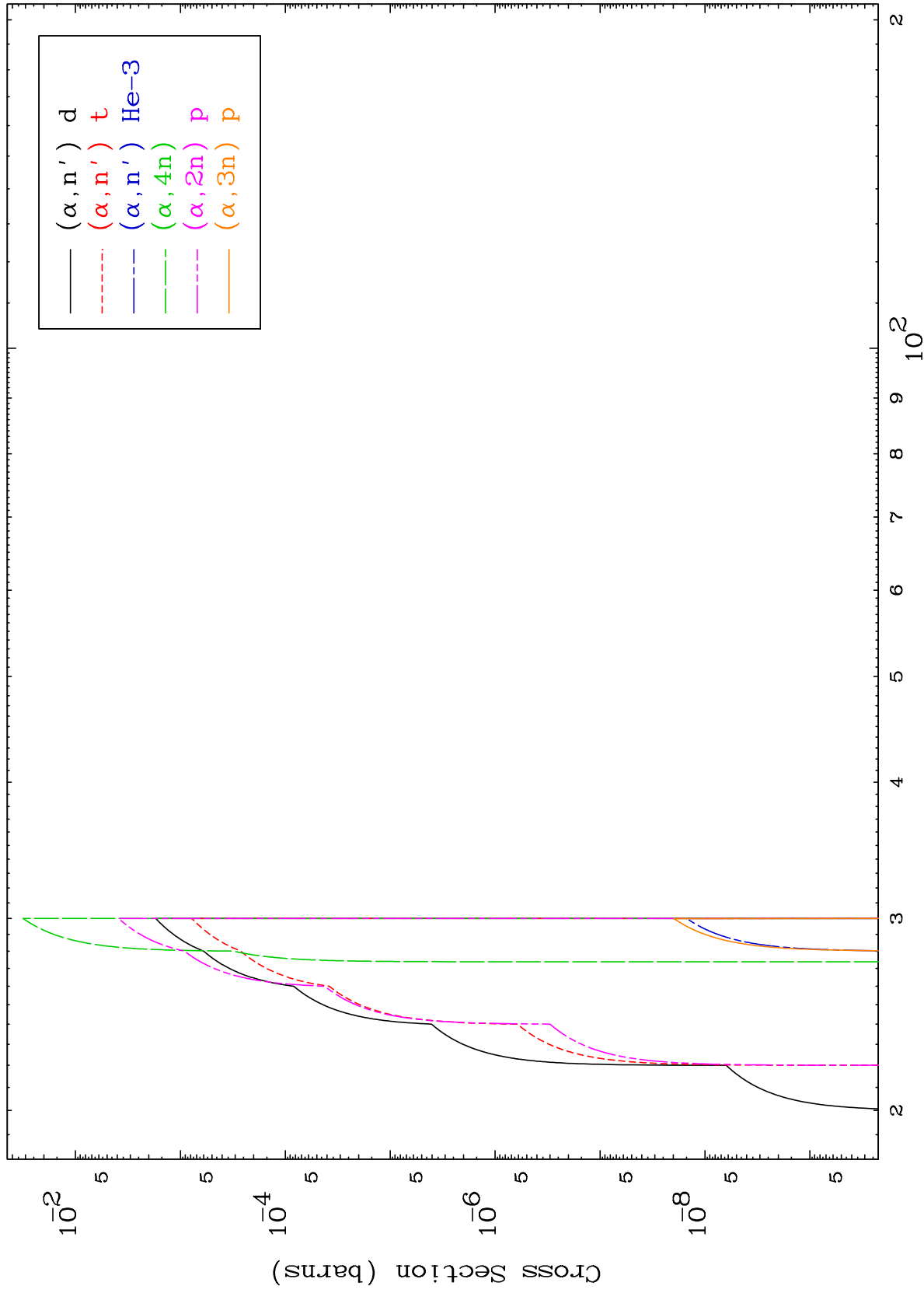
46-Pd-111

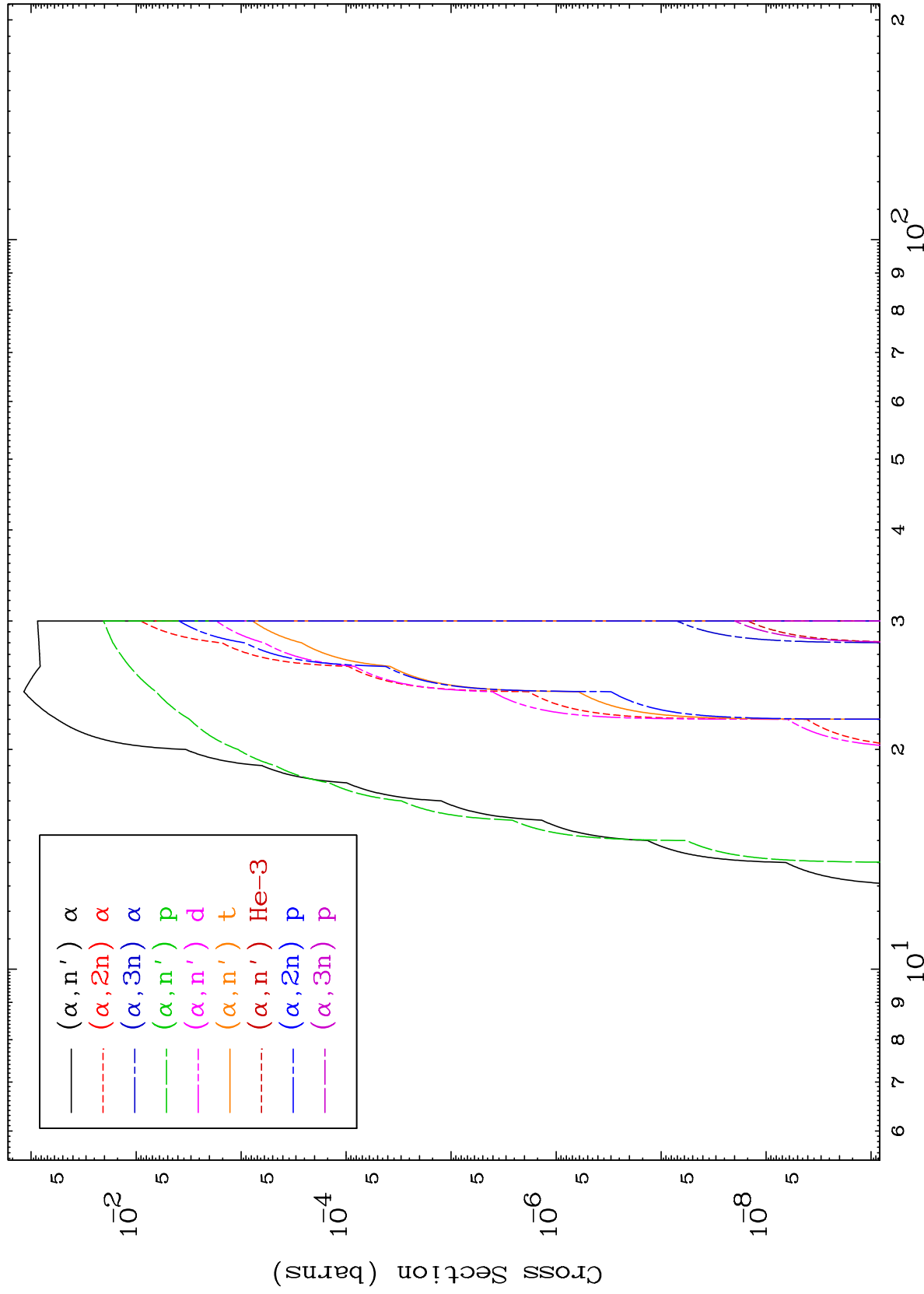


2

Incident Energy (MeV)

46-Pd-111

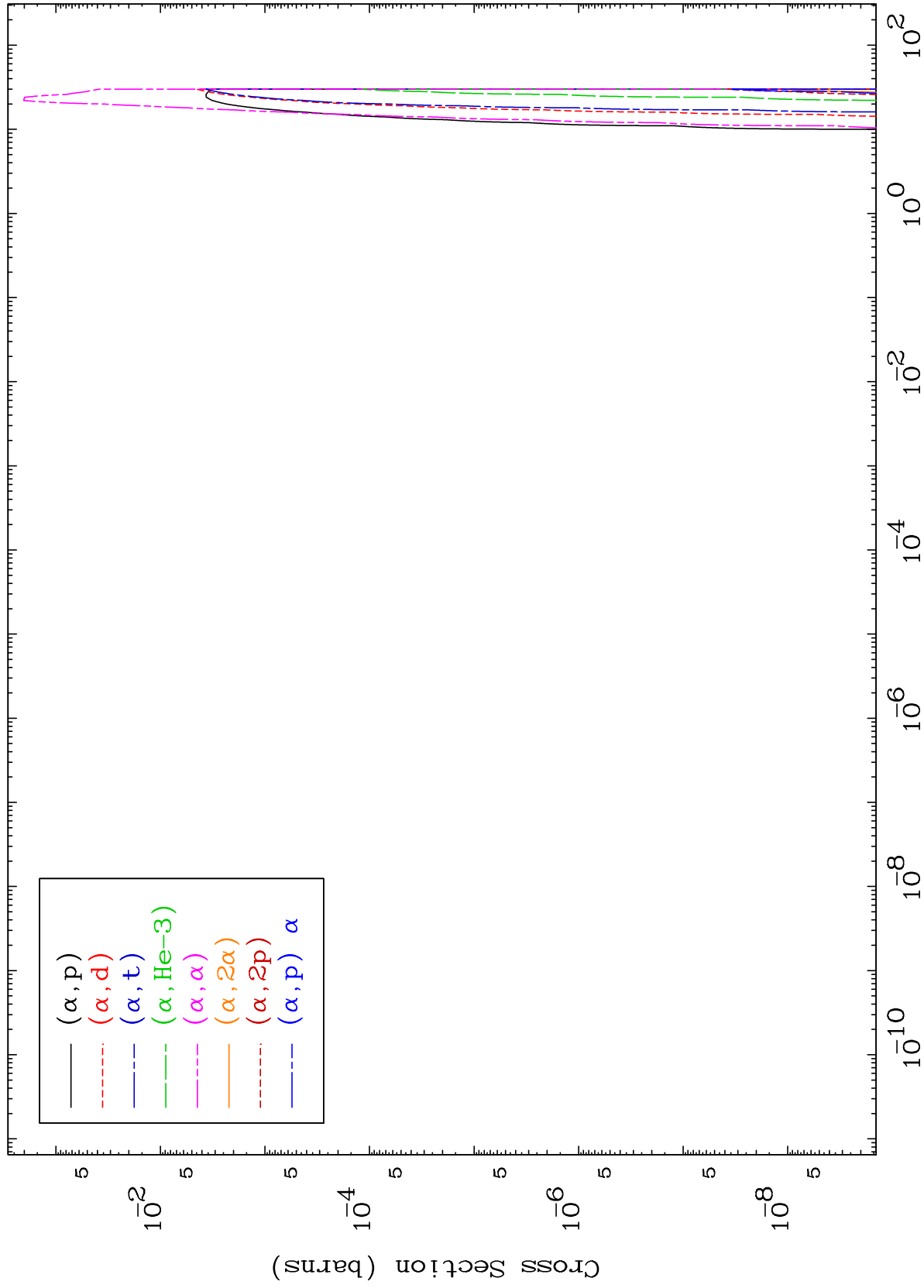




MAT 4653

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

46-Pd-111



5

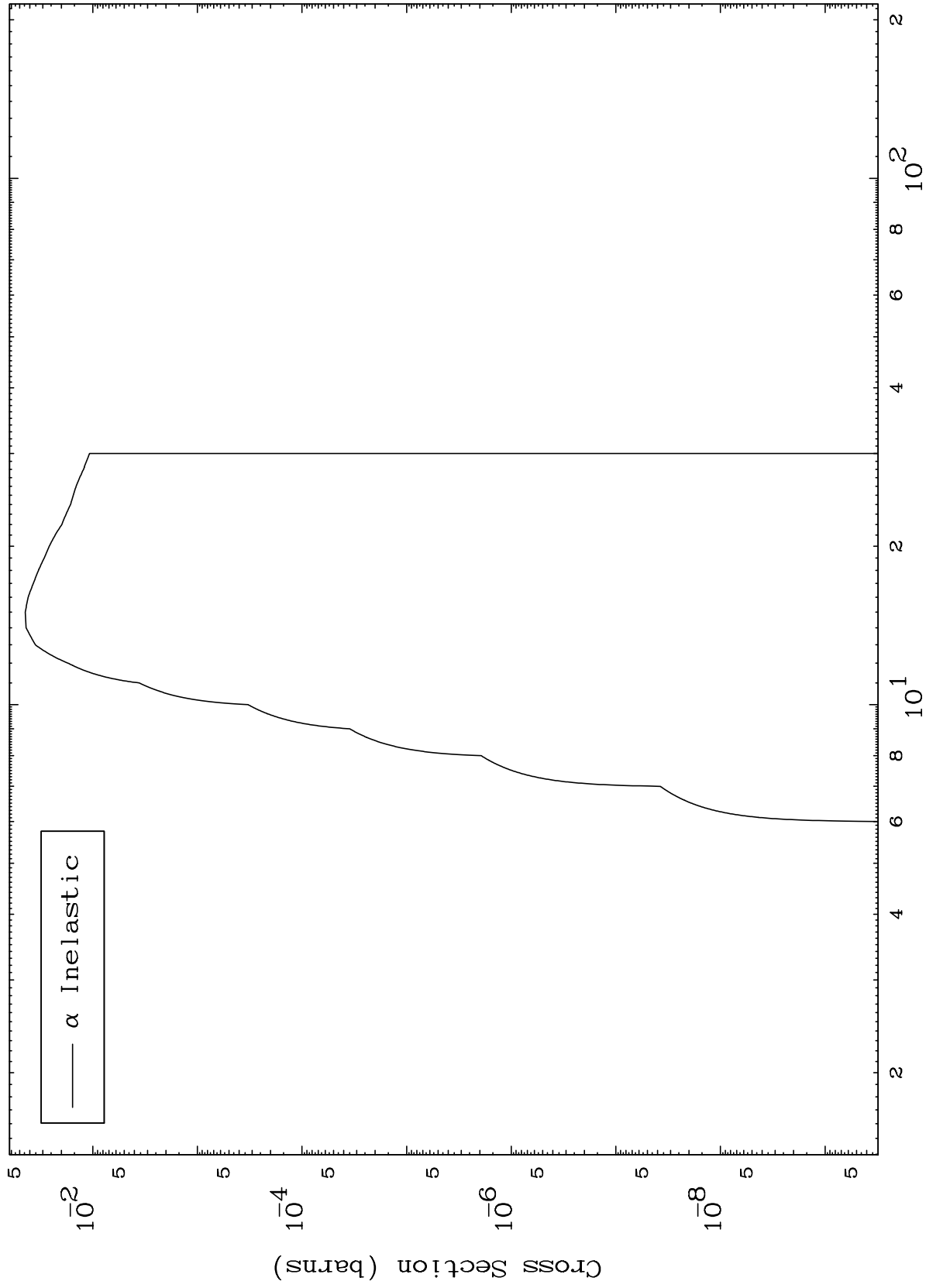
Incident Energy (MeV)

46-Pd-111

MAT 4653

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

46-Pd-111



6

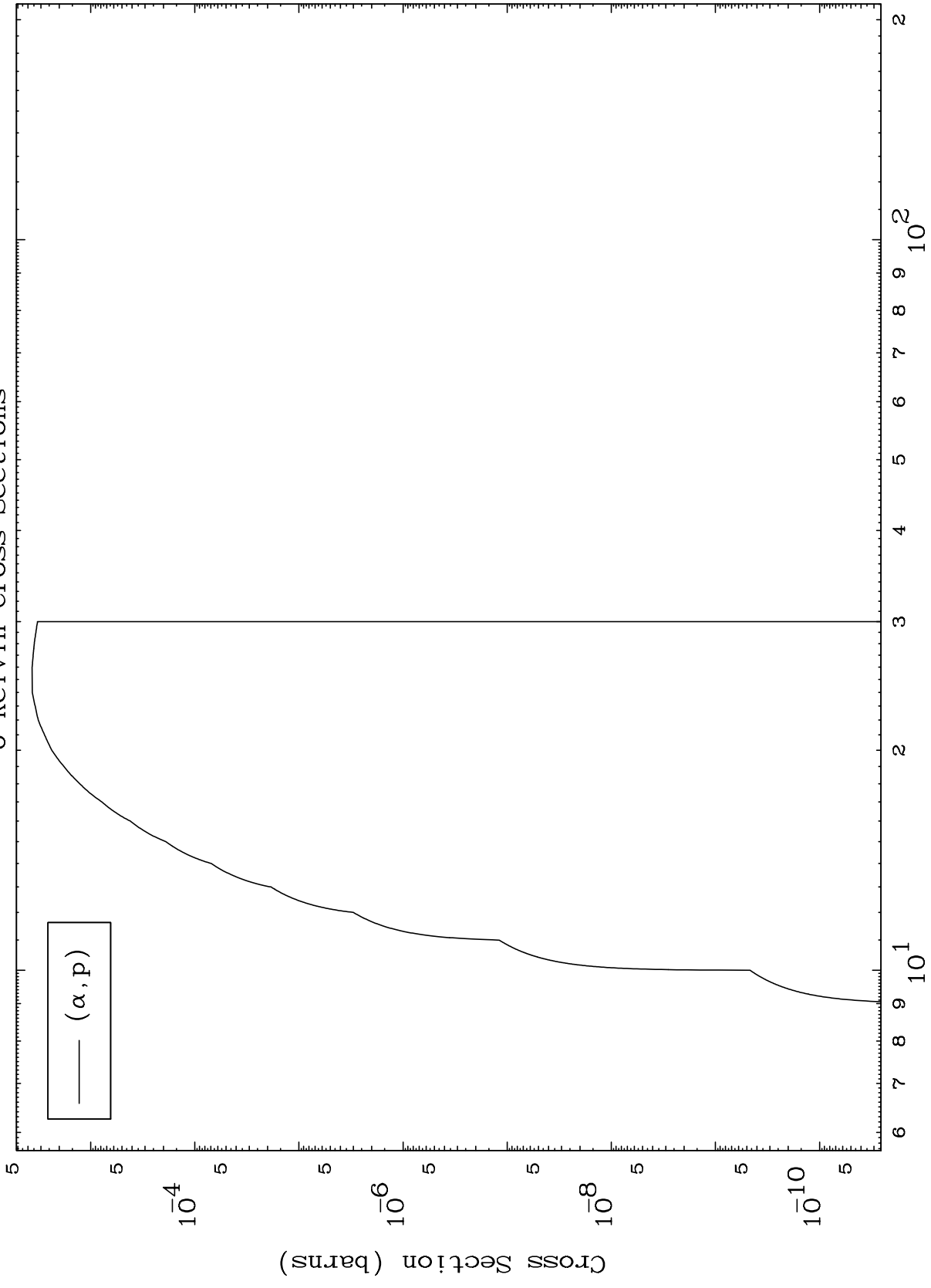
Incident Energy (MeV)

46-Pd-111

MAT 4653

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

46-Pd-111



7

Incident Energy (MeV)

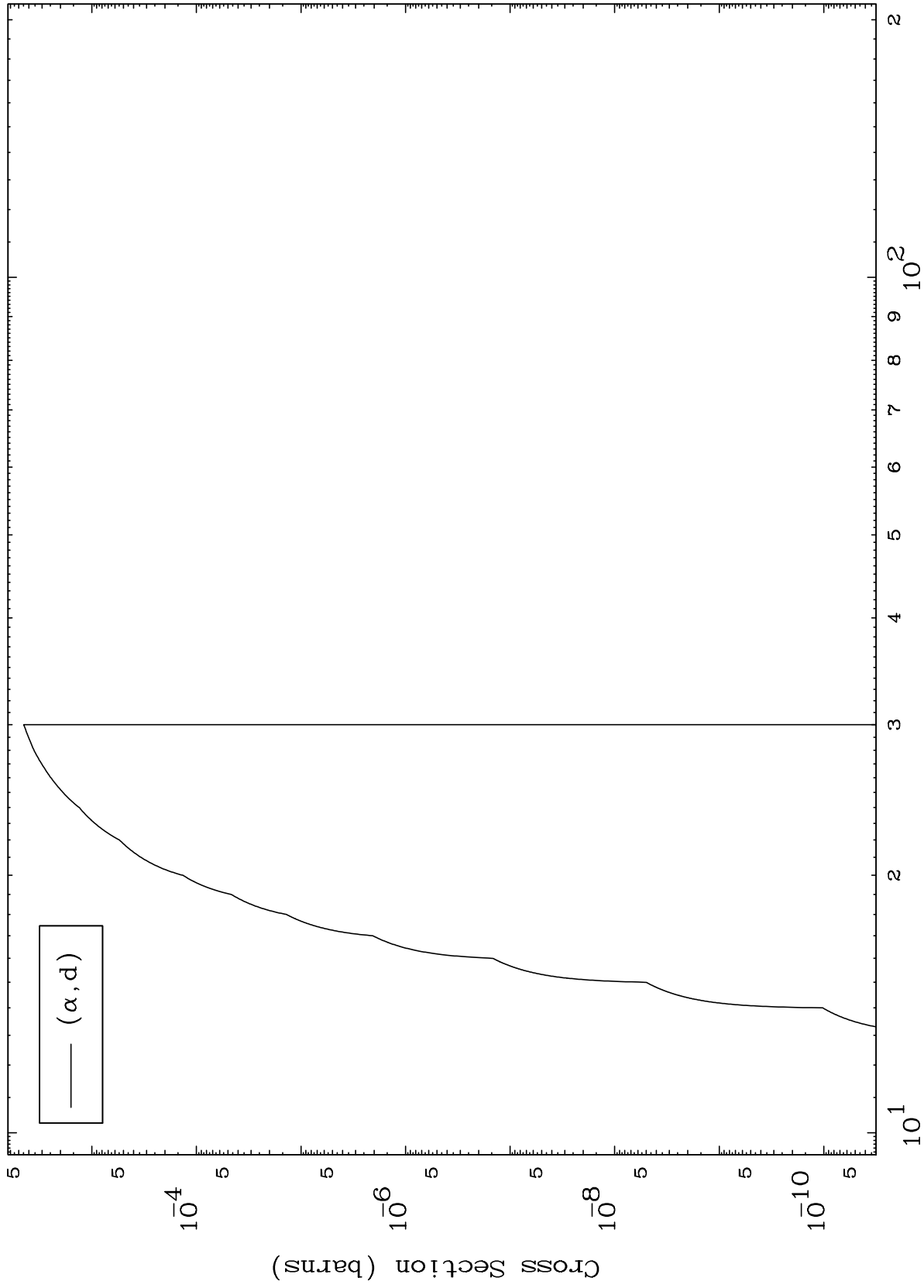
46-Pd-111



MAT 4653

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

46-Pd-111



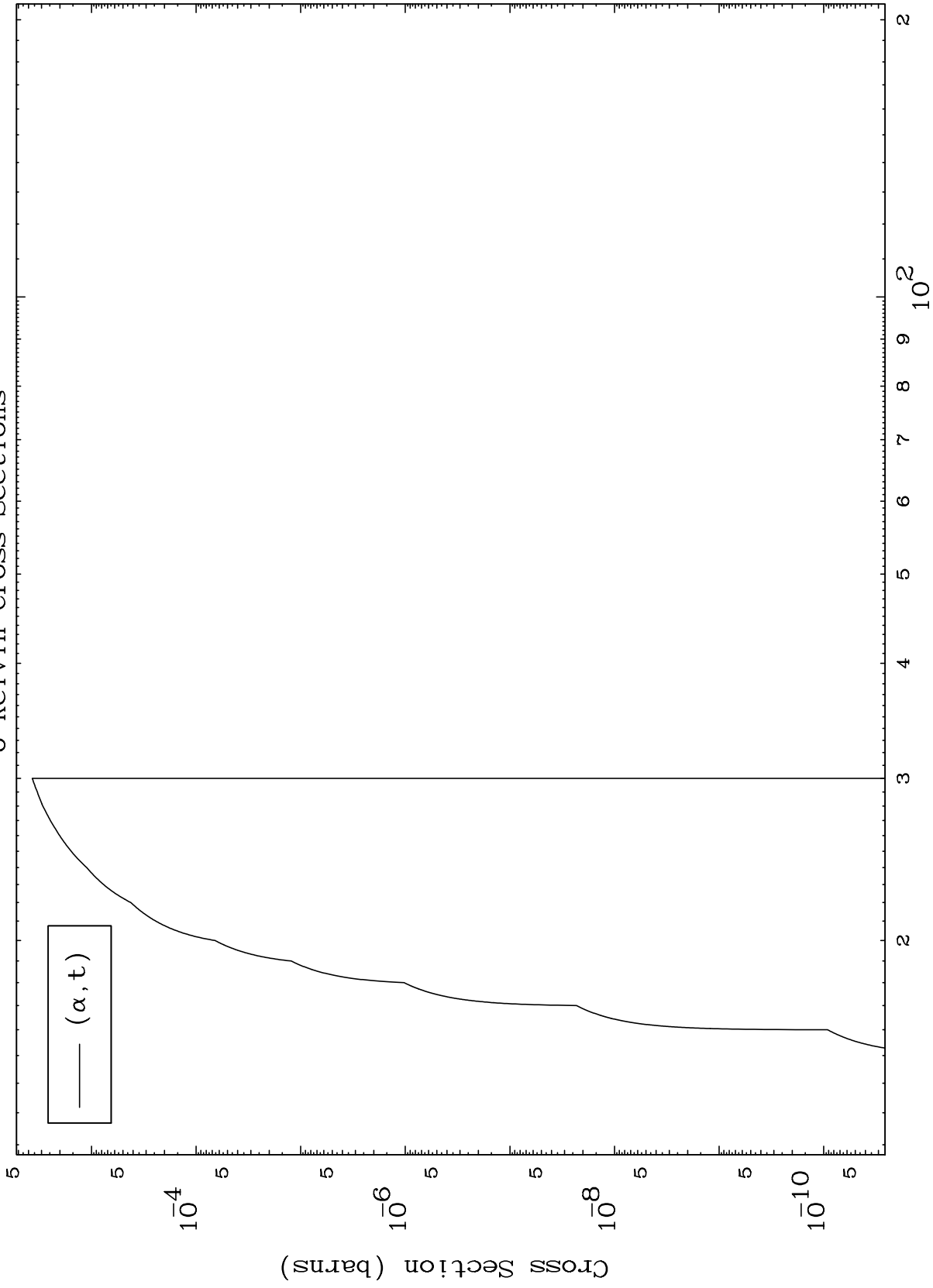
Incident Energy (MeV)

46-Pd-111

MAT 4653

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

46-Pd-111



9

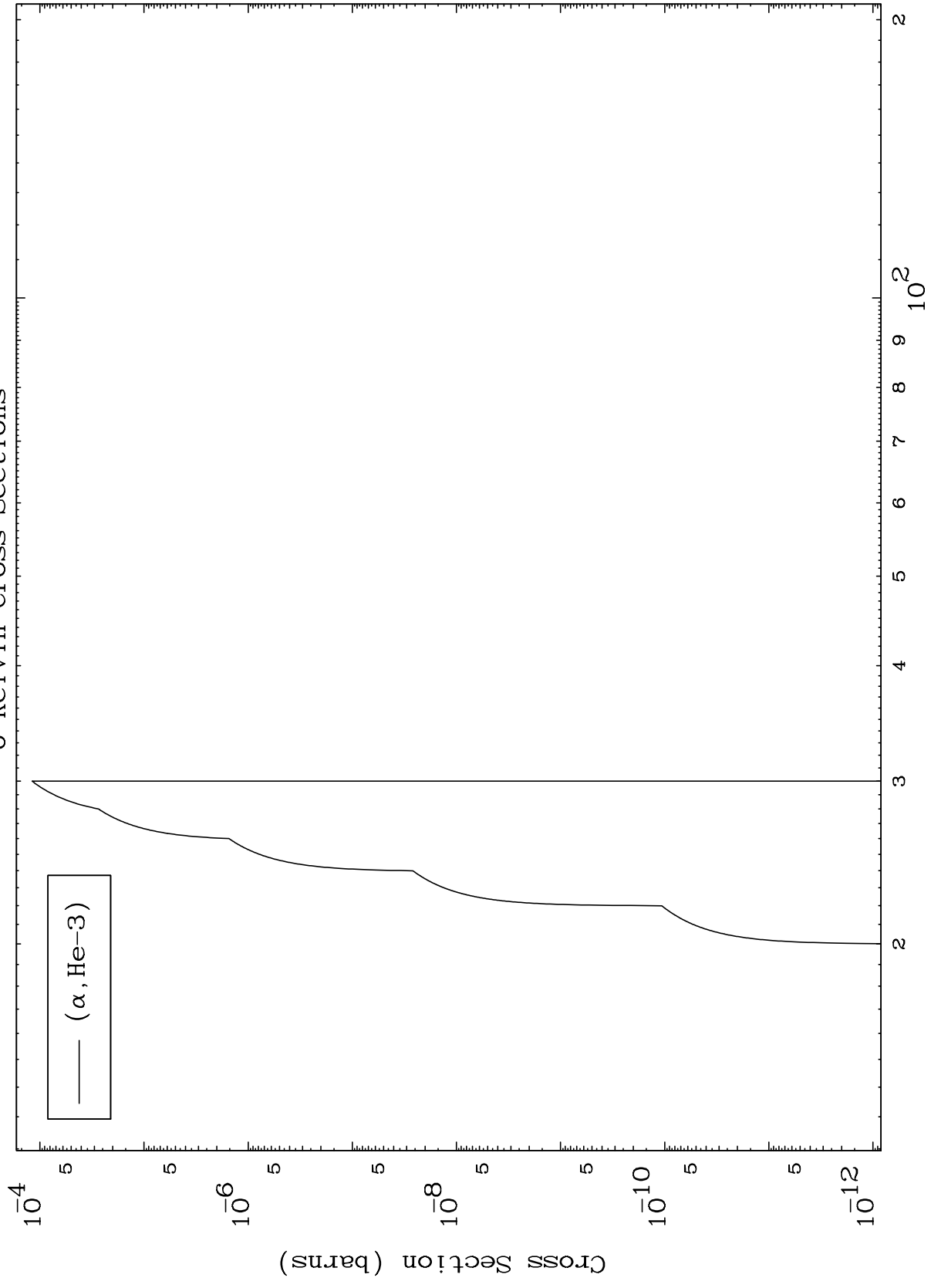
Incident Energy (MeV)

46-Pd-111

MAT 4653

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

46-Pd-111



10

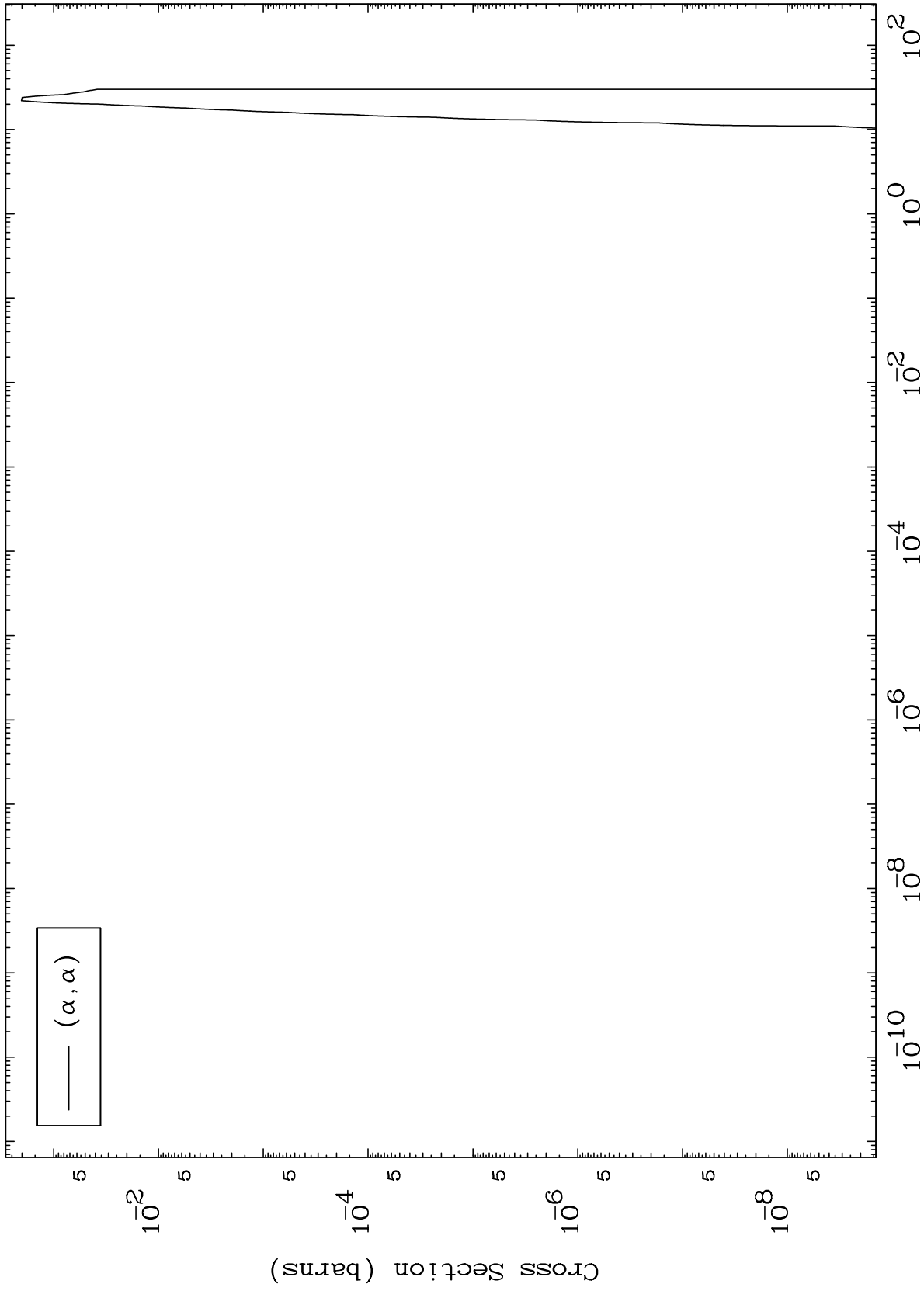
Incident Energy (MeV)

46-Pd-111

MAT 4653

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

46-Pd-111



11

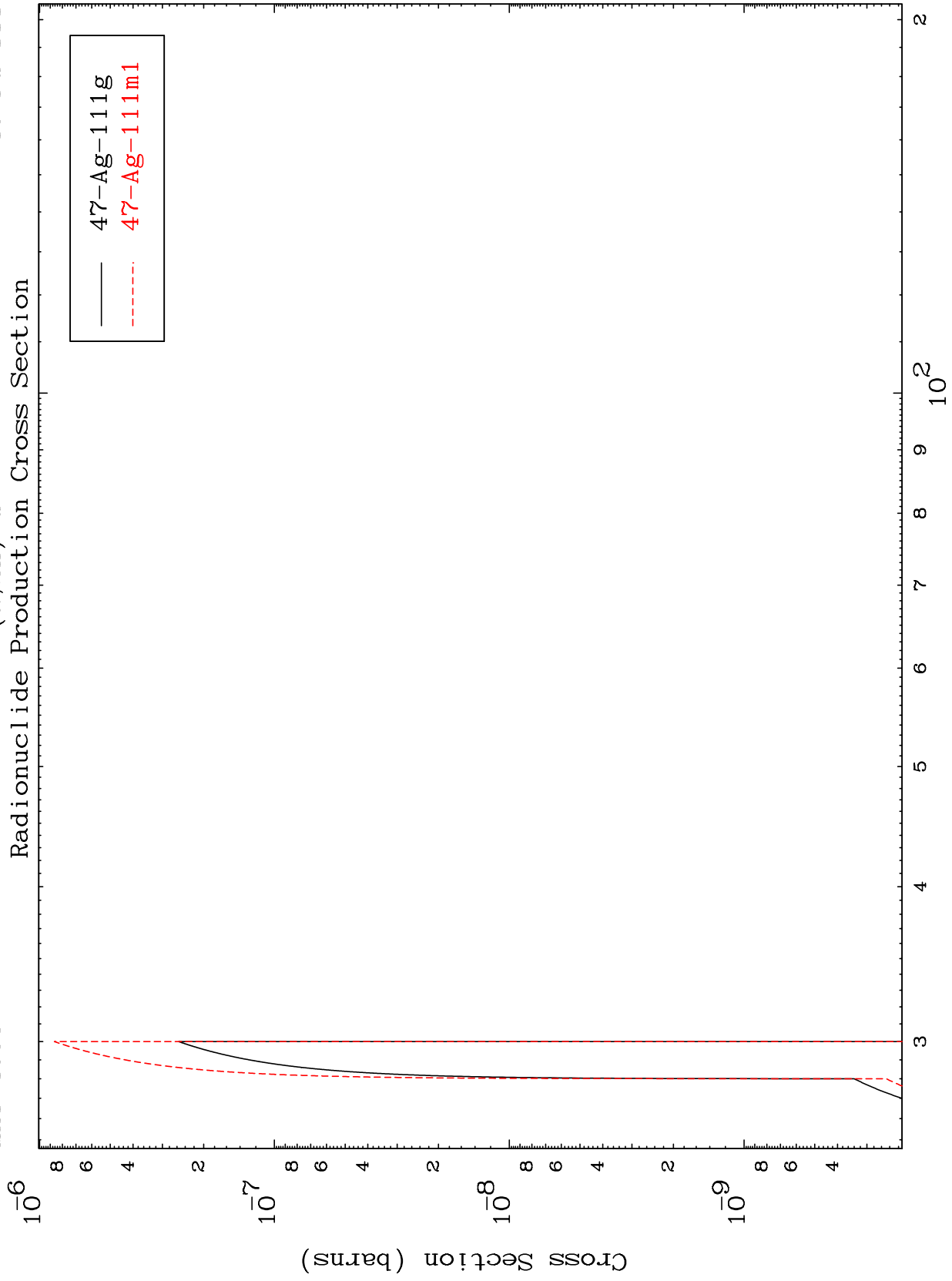
Incident Energy (MeV)

46-Pd-111

MAT 4653

( $\alpha, 2n$ ) d

46-Pd-111



12

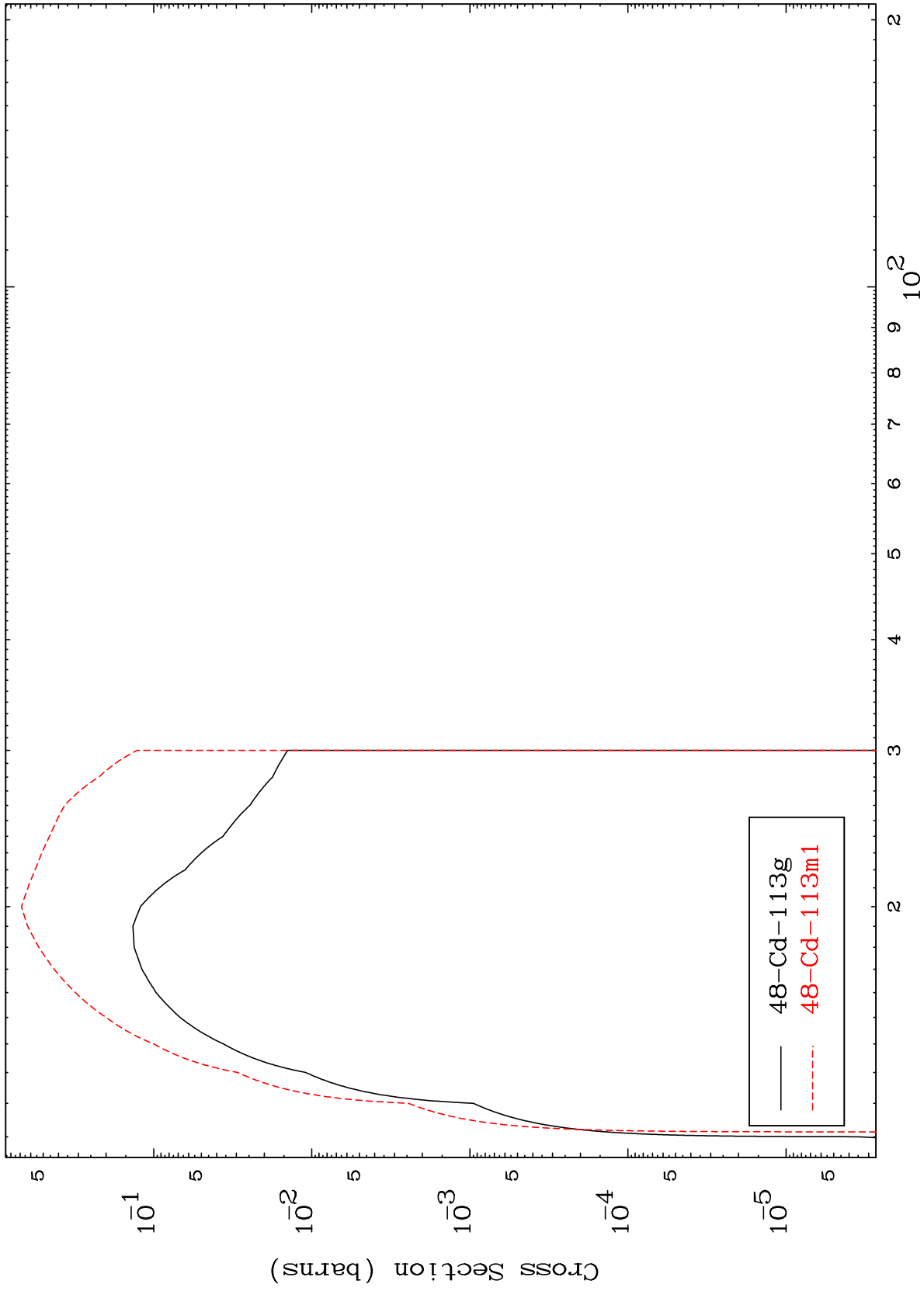
Incident Energy (MeV)

46-Pd-111

MAT 4653

46-Pd-111

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



13

Incident Energy (MeV)

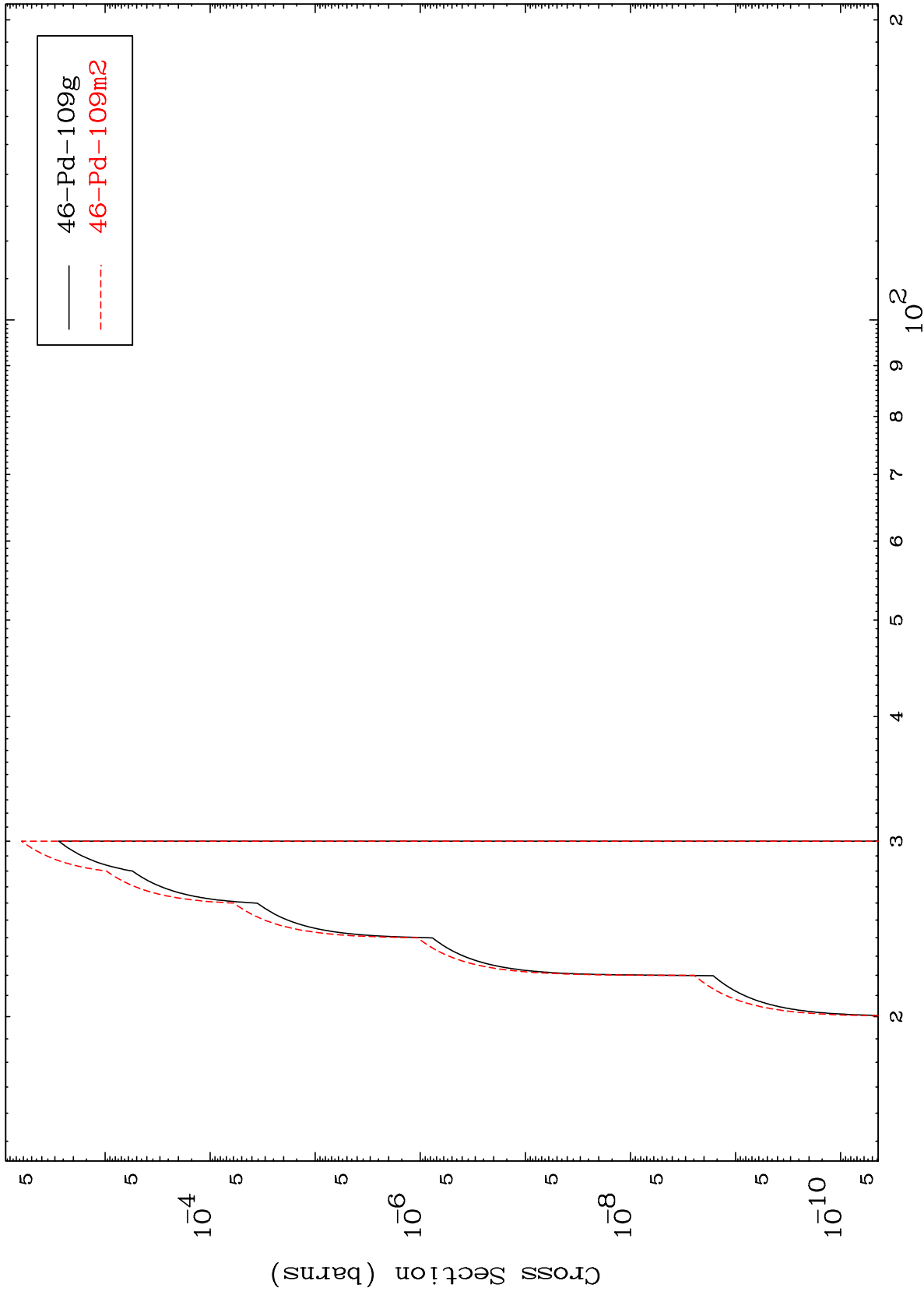
46-Pd-111

MAT 4653

$(\alpha, 2n) \alpha$

46-Pd-111

Radionuclide Production Cross Section



14

Incident Energy (MeV)

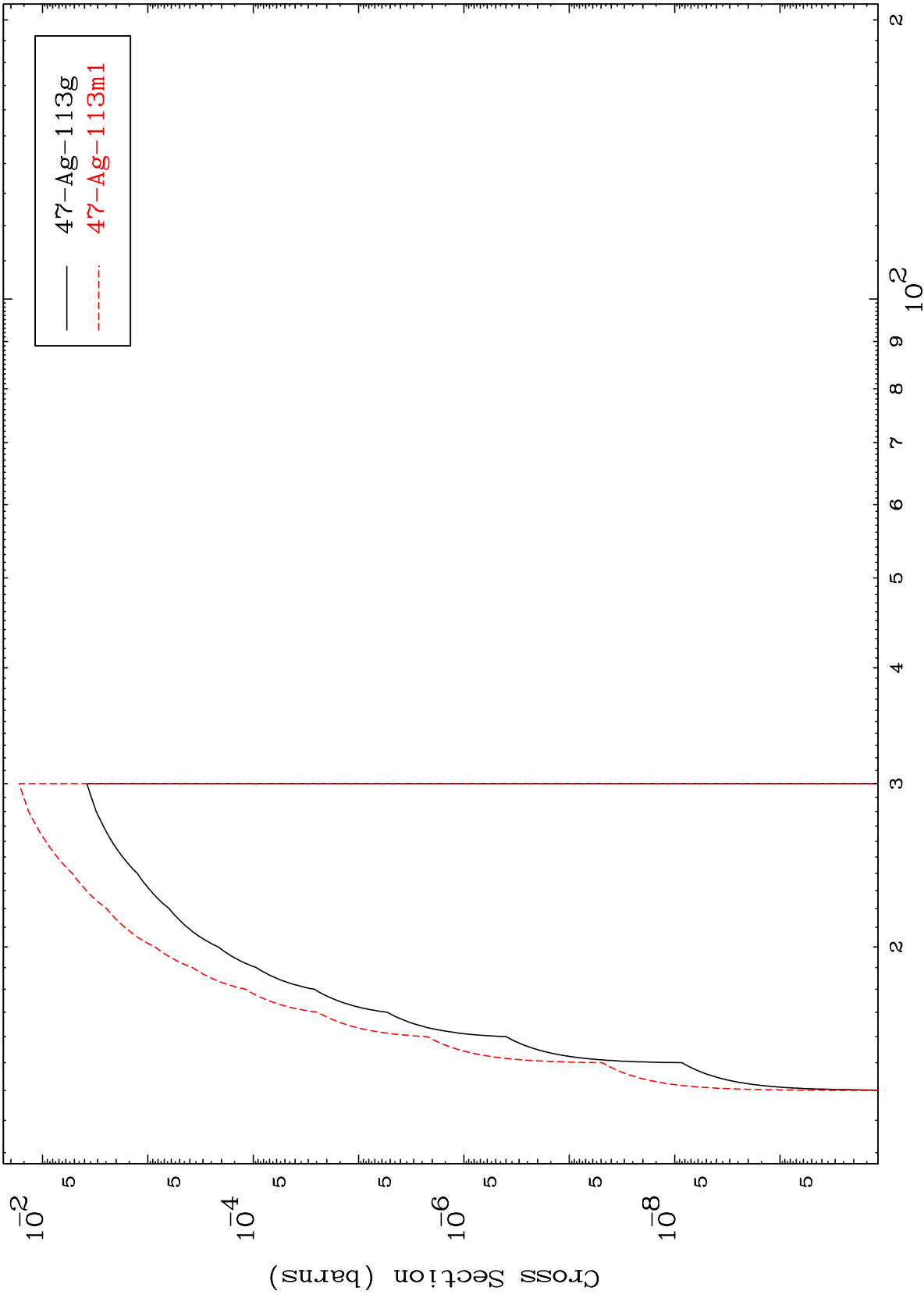
46-Pd-111

MAT 4653

$(\alpha, n')$  p

46-Pd-111

Radionuclide Production Cross Section



15

Incident Energy (MeV)

46-Pd-111

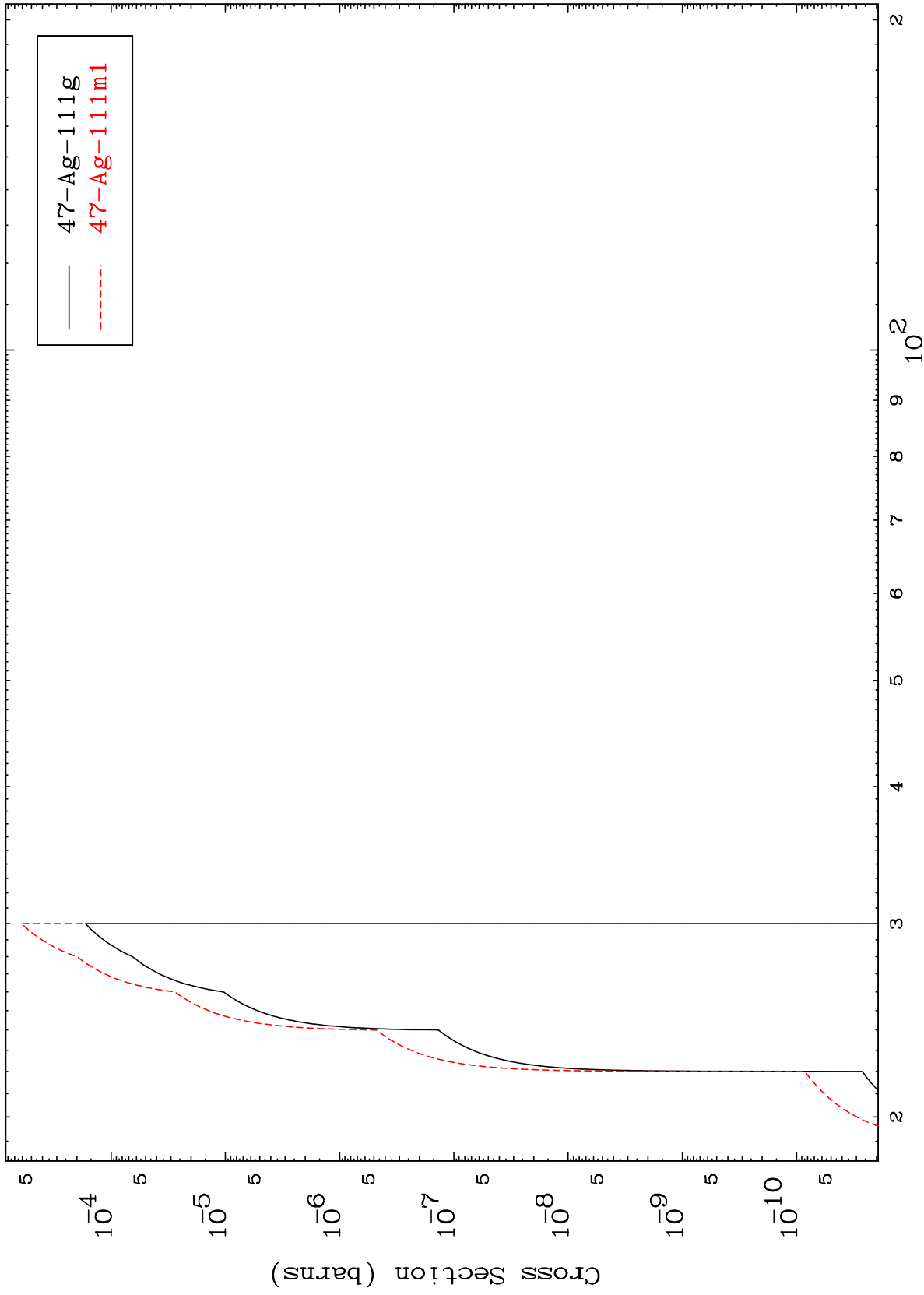


MAT 4653

( $\alpha, n'$ ) t

46-Pd-111

Radionuclide Production Cross Section



16

Incident Energy (MeV)

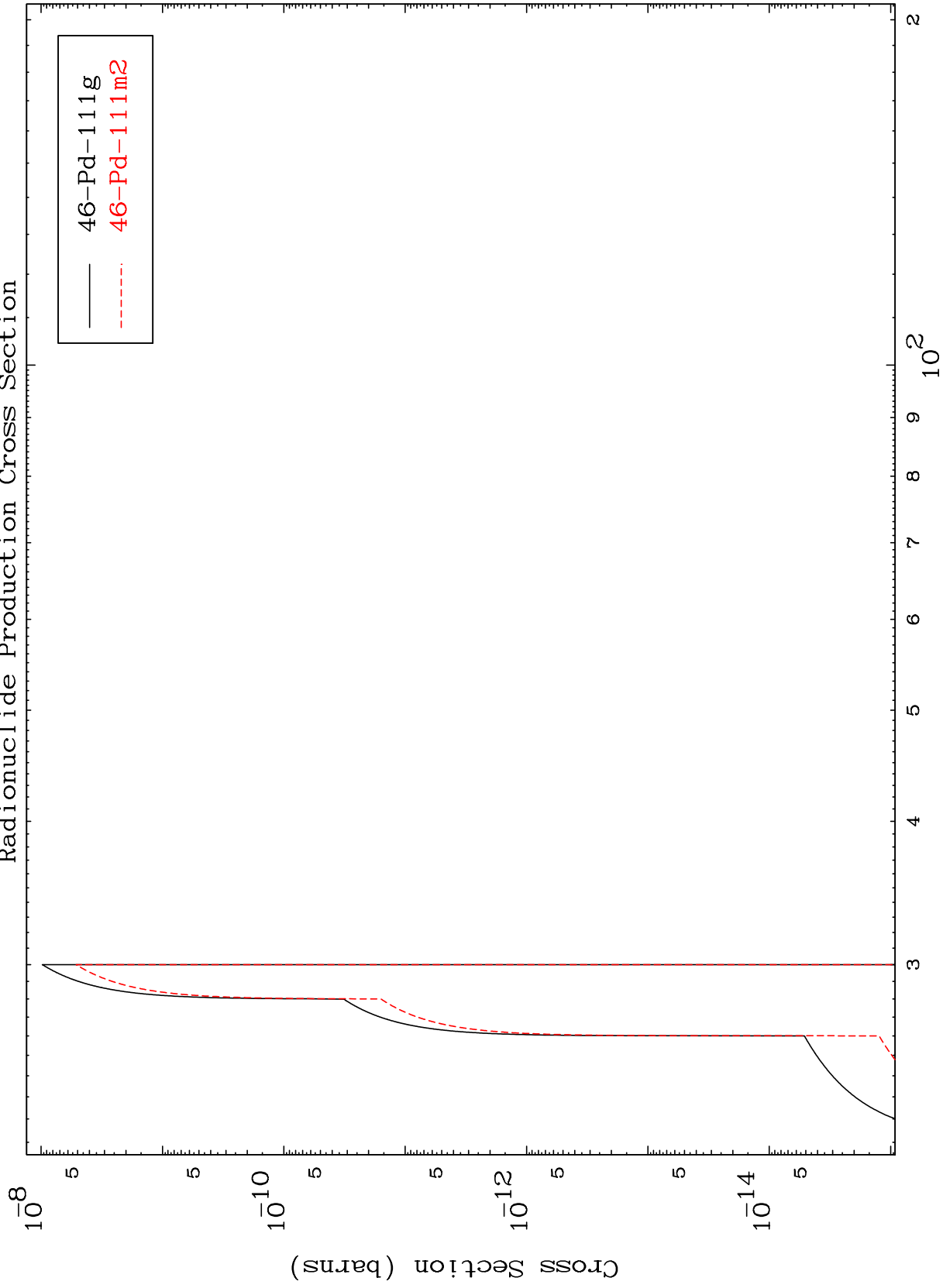
46-Pd-111

MAT 4653

( $\alpha, n'$ ) He-3

46-Pd-111

Radionuclide Production Cross Section



17

Incident Energy (MeV)

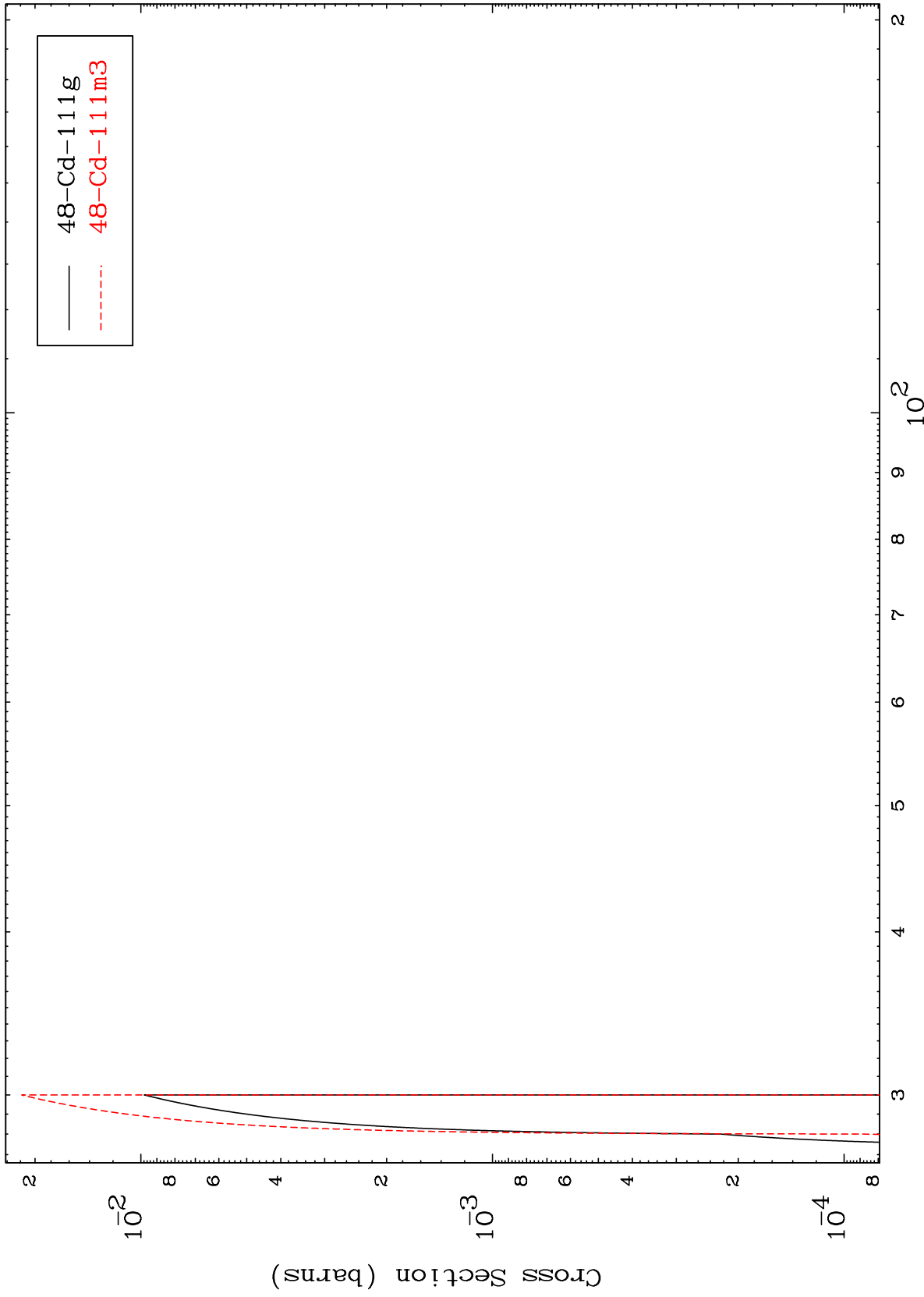
46-Pd-111

MAT 4653

( $\alpha, 4n$ )

46-Pd-111

Radionuclide Production Cross Section



18

Incident Energy (MeV)

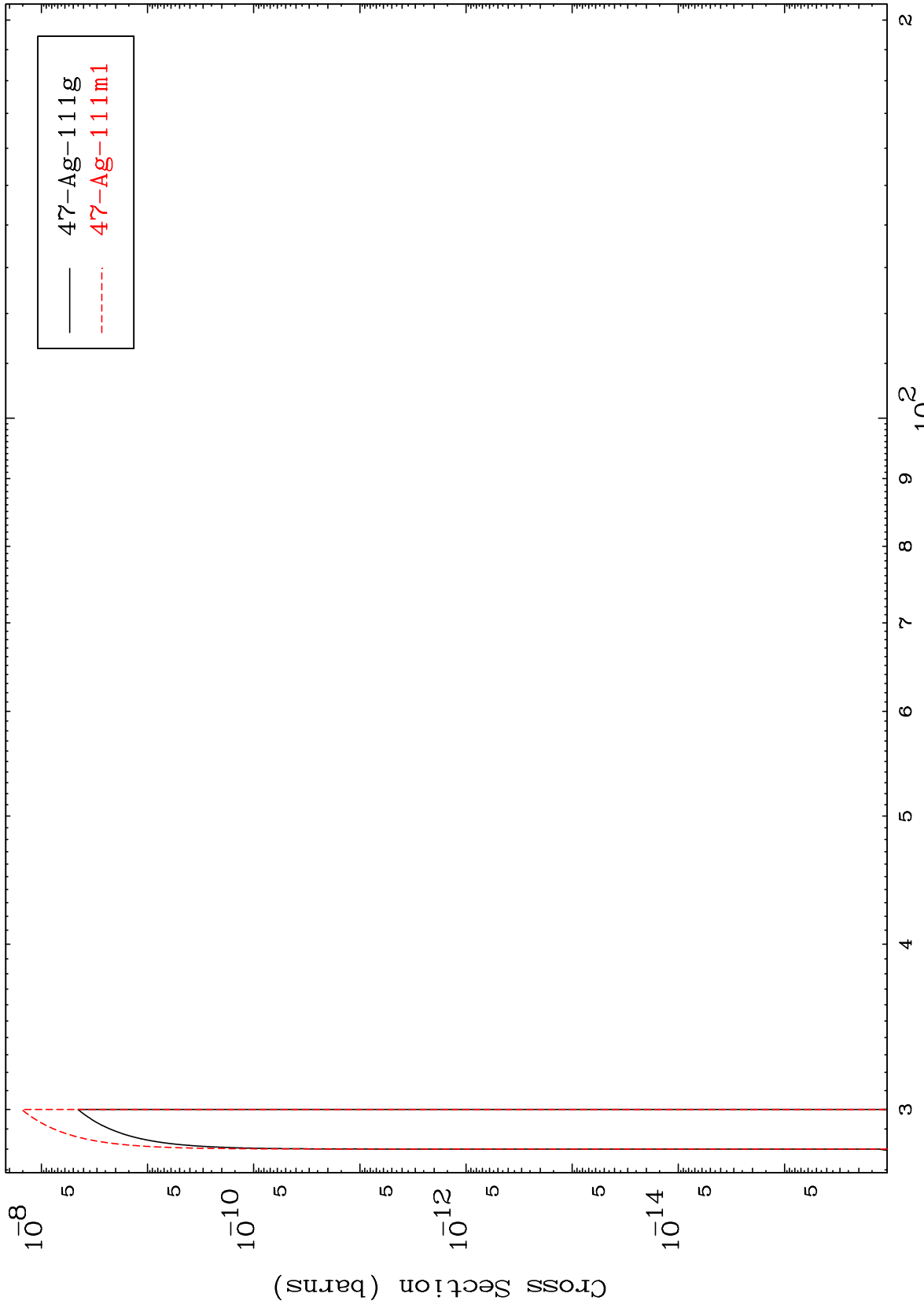
46-Pd-111

MAT 4653

( $\alpha, 3n$ ) p

46-Pd-111

Radionuclide Production Cross Section



19

Incident Energy (MeV)

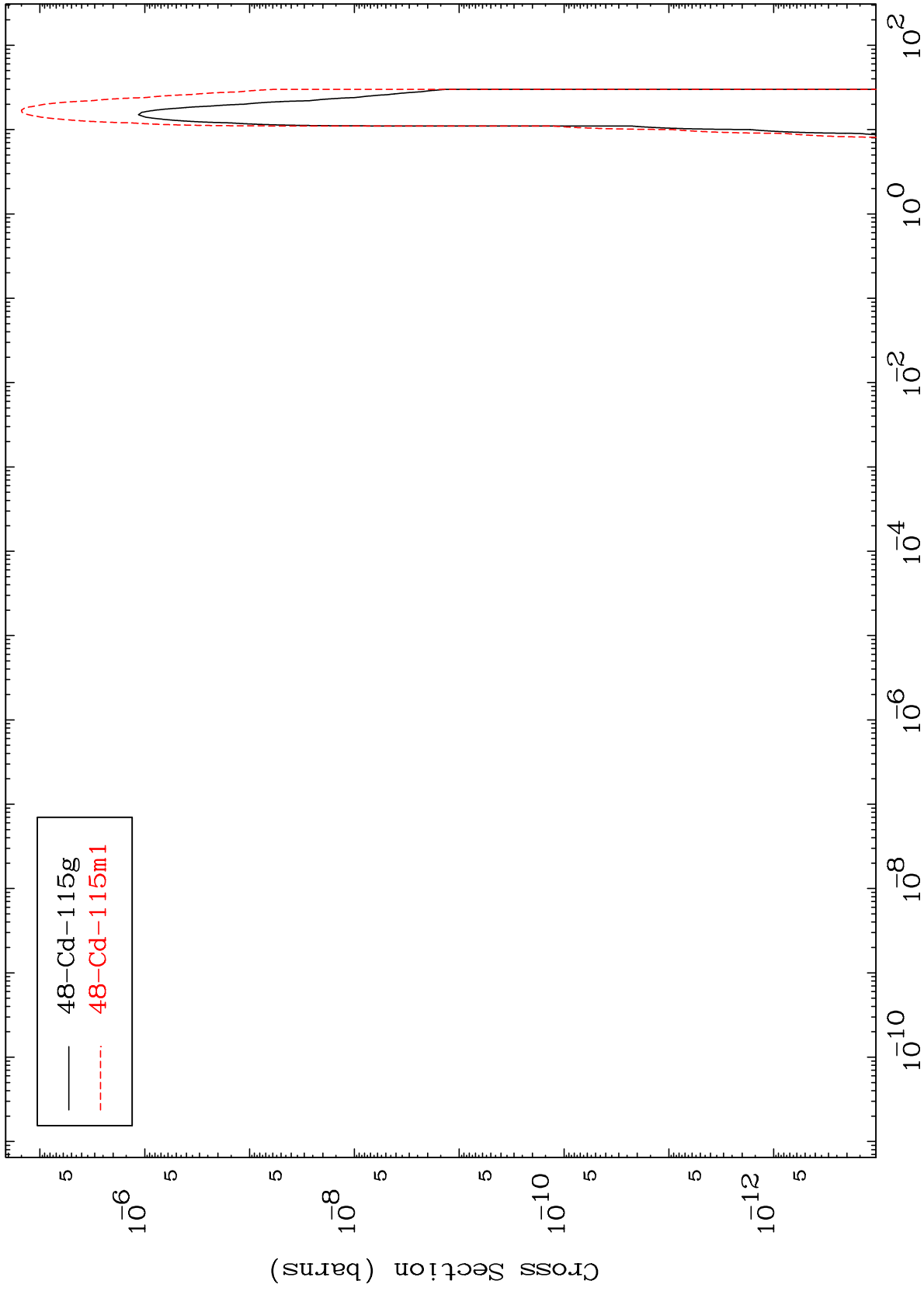
46-Pd-111

MAT 4653

( $\alpha, \gamma$ )

46-Pd-111

Radionuclide Production Cross Section



20

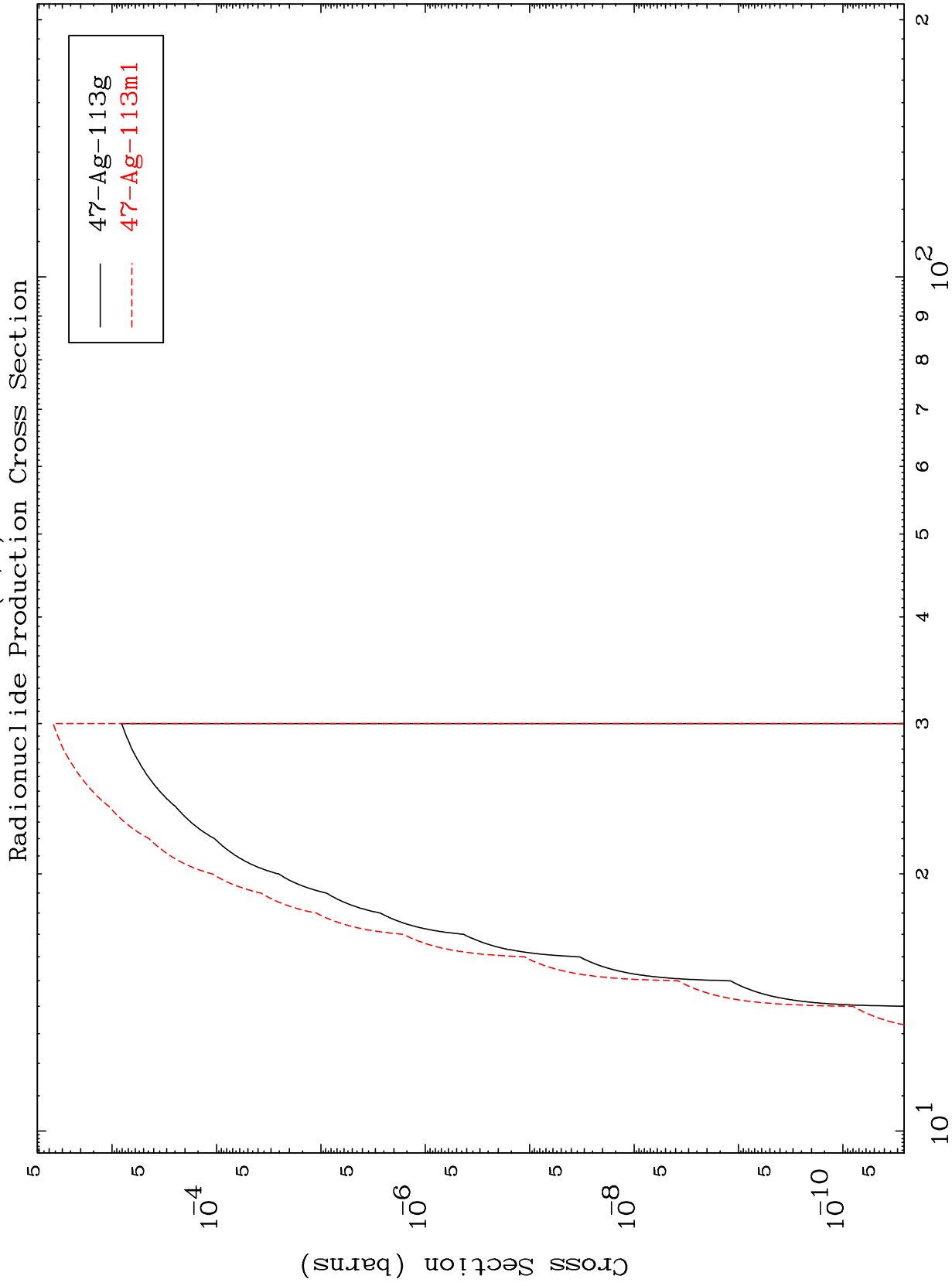
Incident Energy (MeV)

46-Pd-111

MAT 4653

( $\alpha, d$ )

46-Pd-111



21

Incident Energy (MeV)

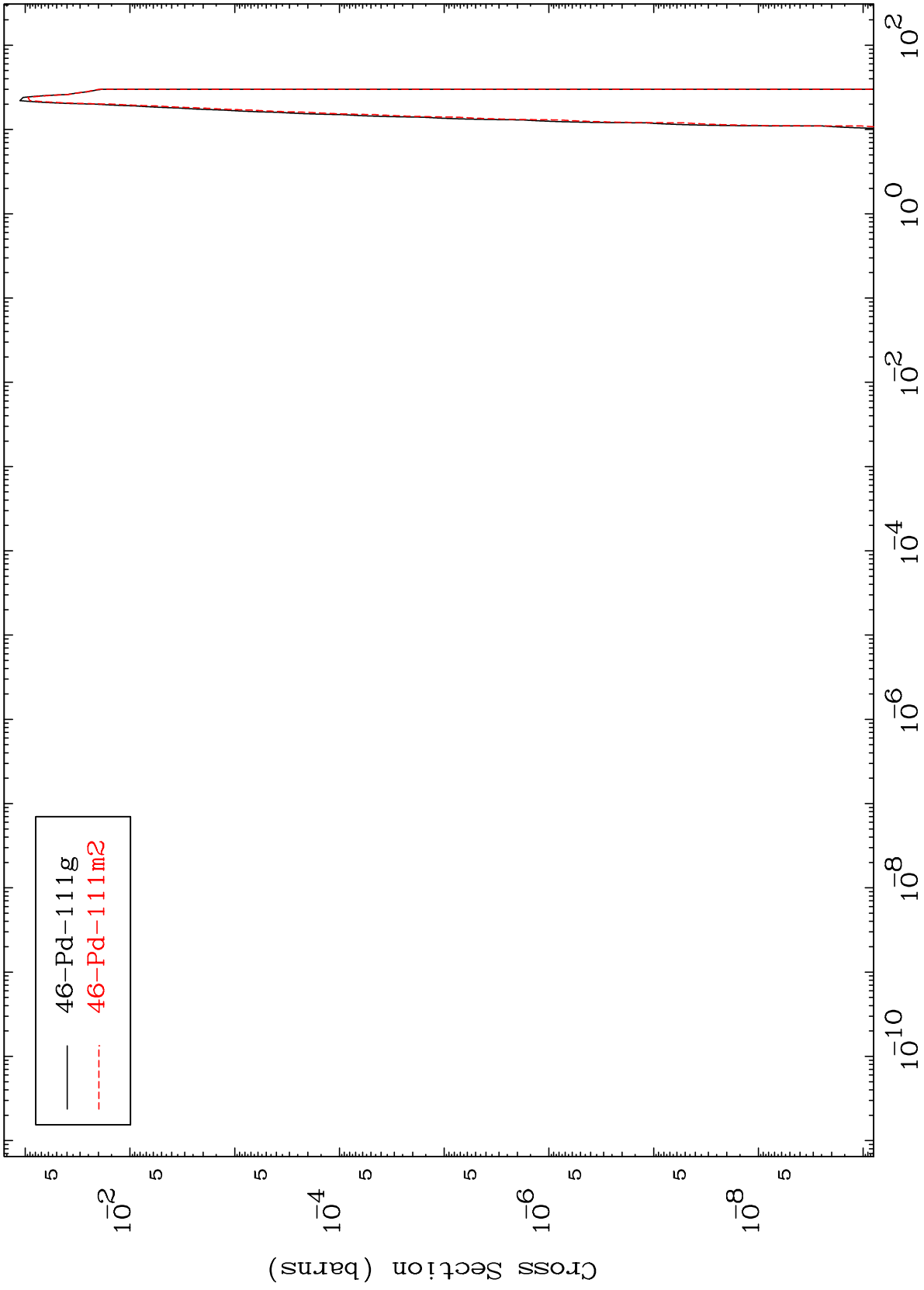
46-Pd-111

MAT 4653

( $\alpha, \alpha$ )

46-Pd-111

Radionuclide Production Cross Section



22

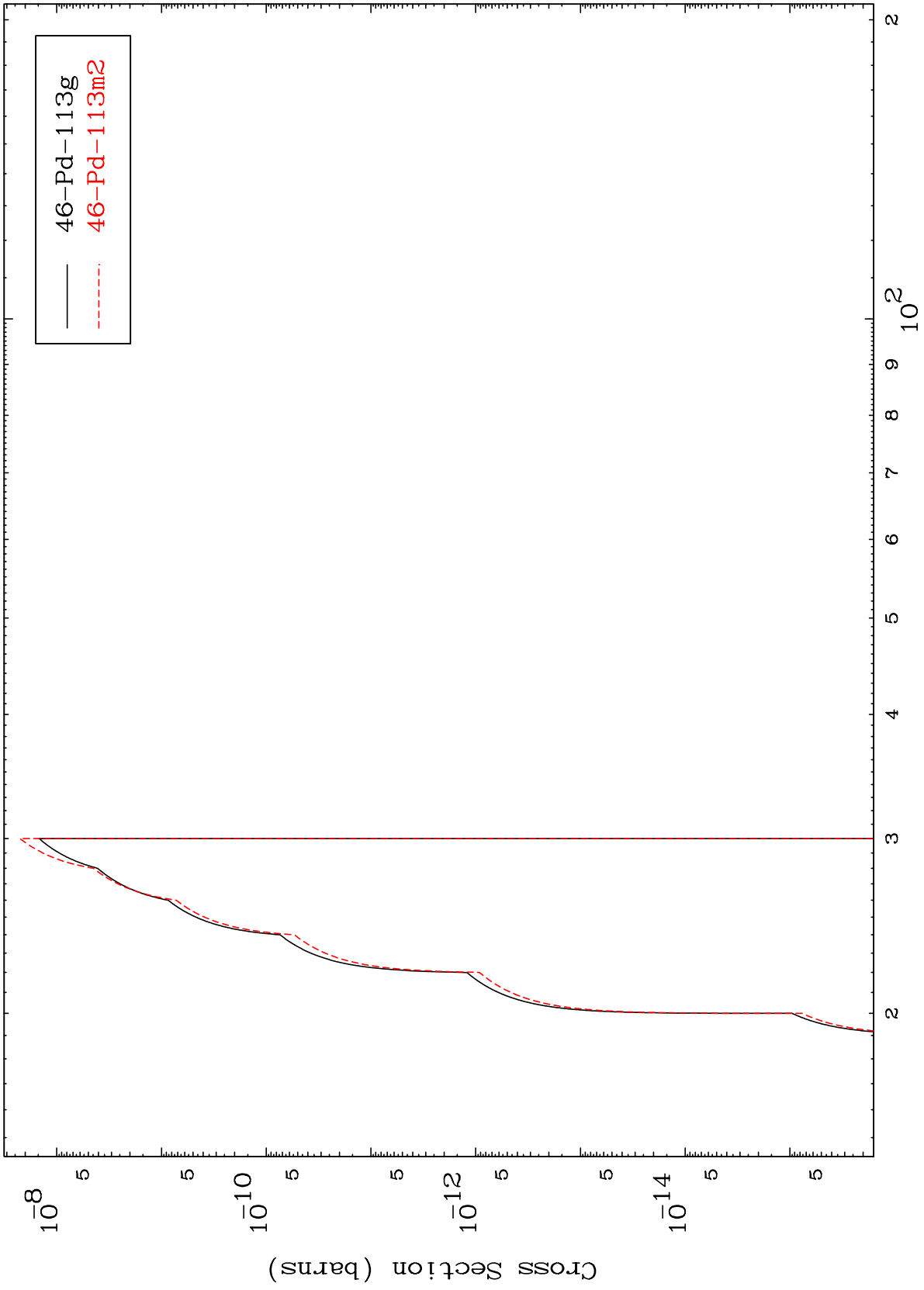
Incident Energy (MeV)

46-Pd-111

MAT 4653

46-Pd-111

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



23

46-Pd-111

Incident Energy (MeV)

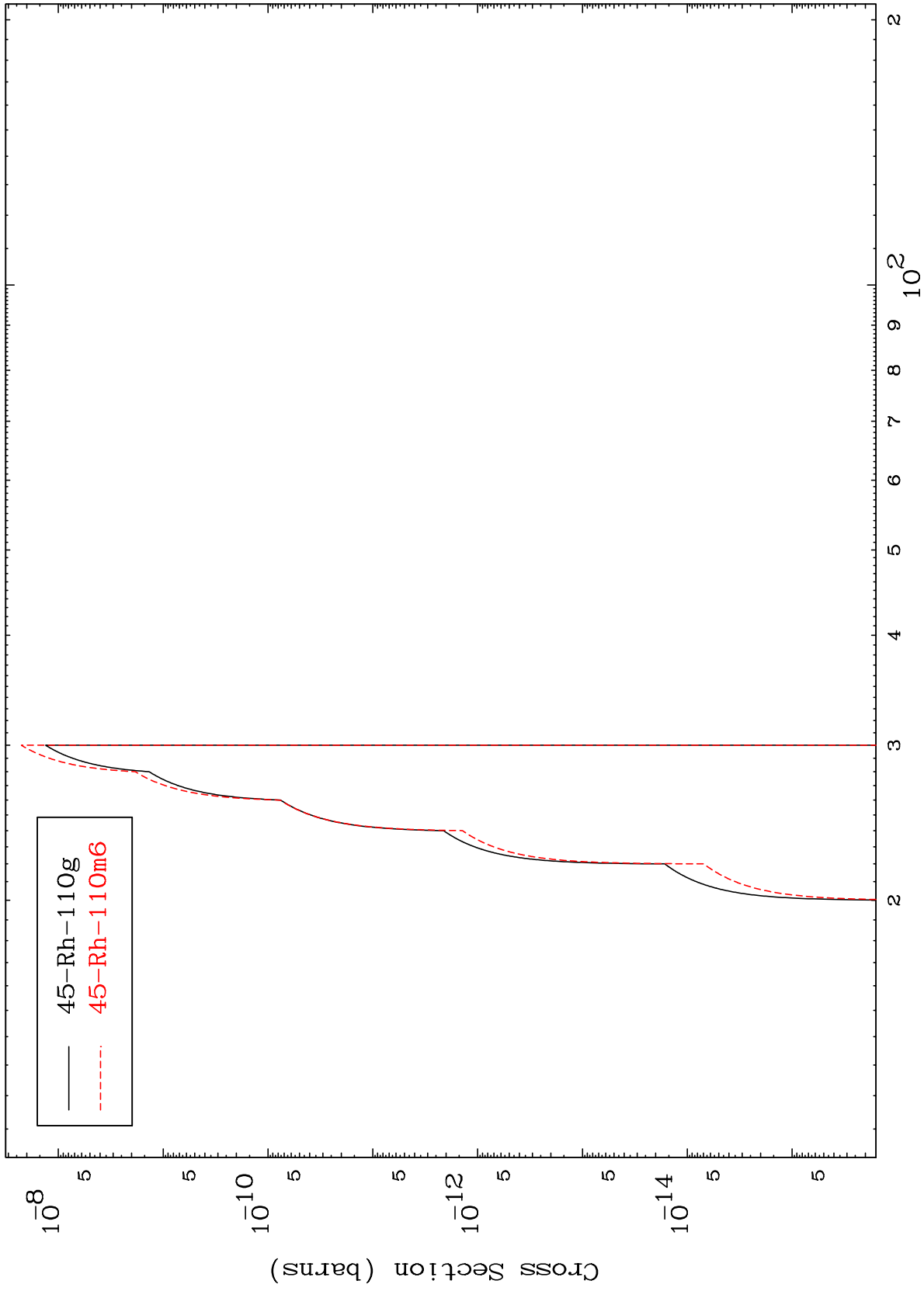


MAT 4653

( $\alpha, p$ )  $\alpha$

46-Pd-111

Radionuclide Production Cross Section



24

Incident Energy (MeV)

46-Pd-111