

Program EVALPLOT  
(Version 2018-1)

by

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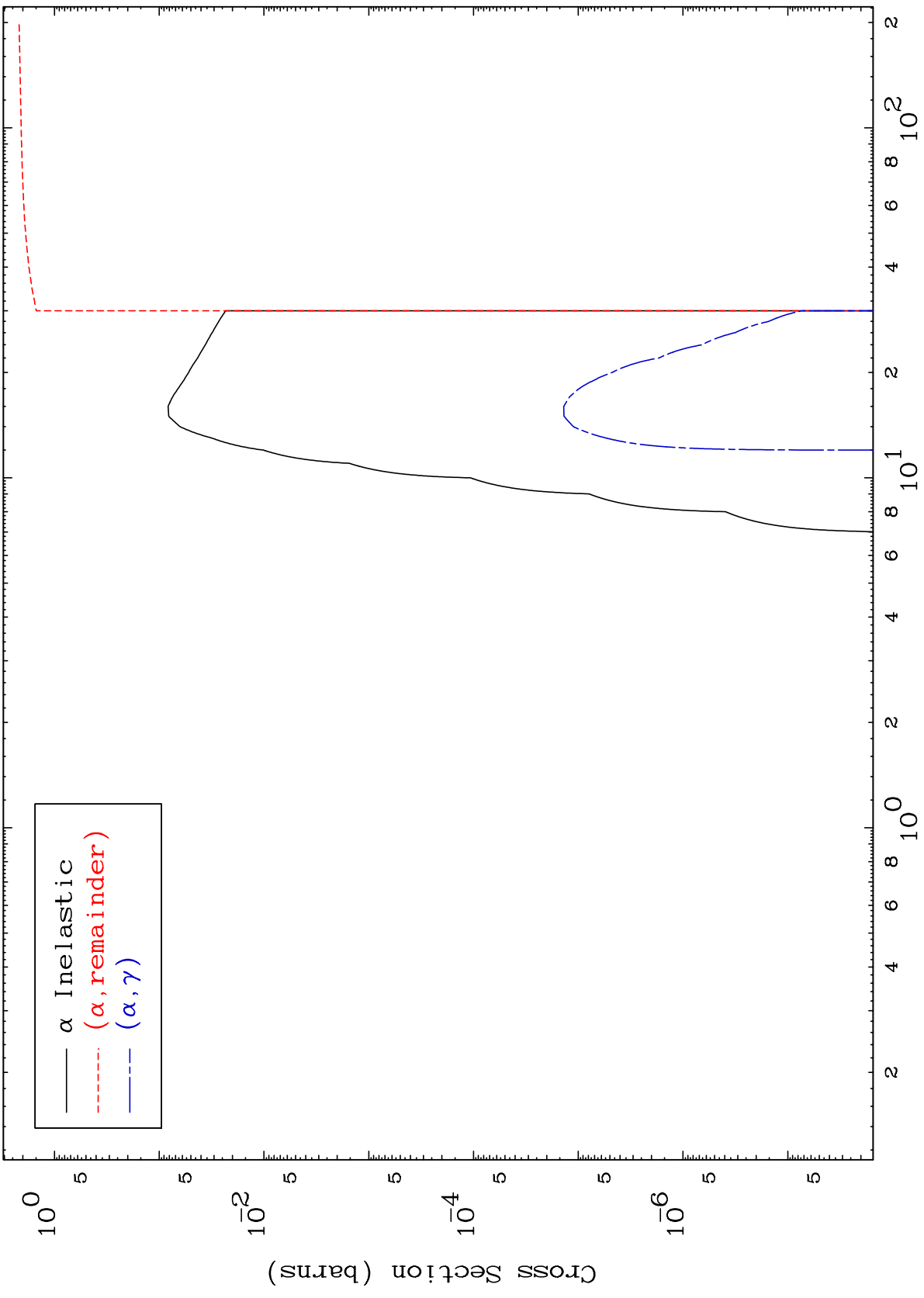
Press Mouse Button to Start

MAT 4855

$\alpha$  Major

48-Cd-116

0 Kelvin Cross Sections



$\alpha$  Inelastic  
 $(\alpha, \text{remainder})$   
 $(\alpha, \gamma)$

48-Cd-116

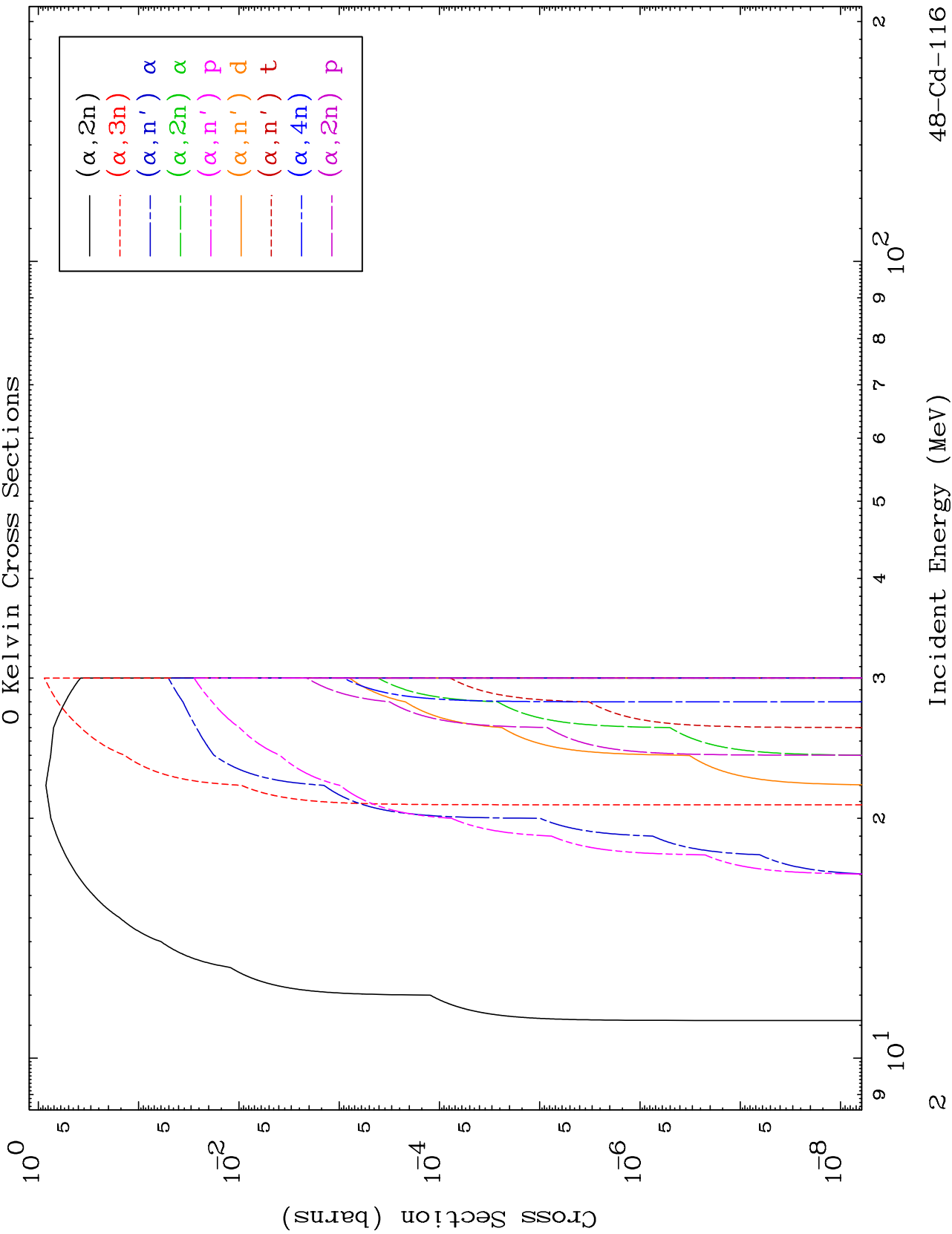
Incident Energy (MeV)

1

MAT 4855

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

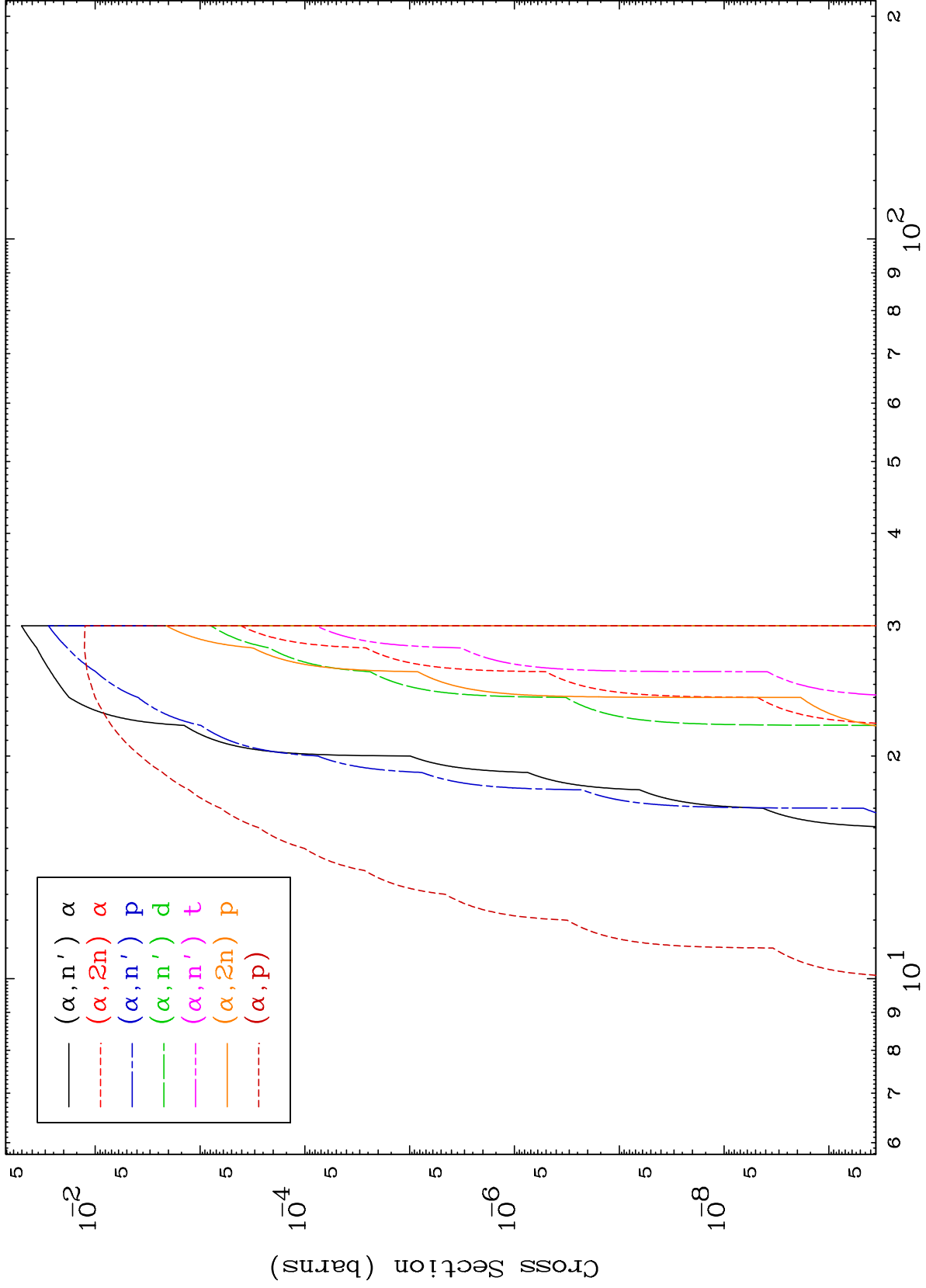
48-Cd-116



48-Cd-116

Incident Energy (MeV)

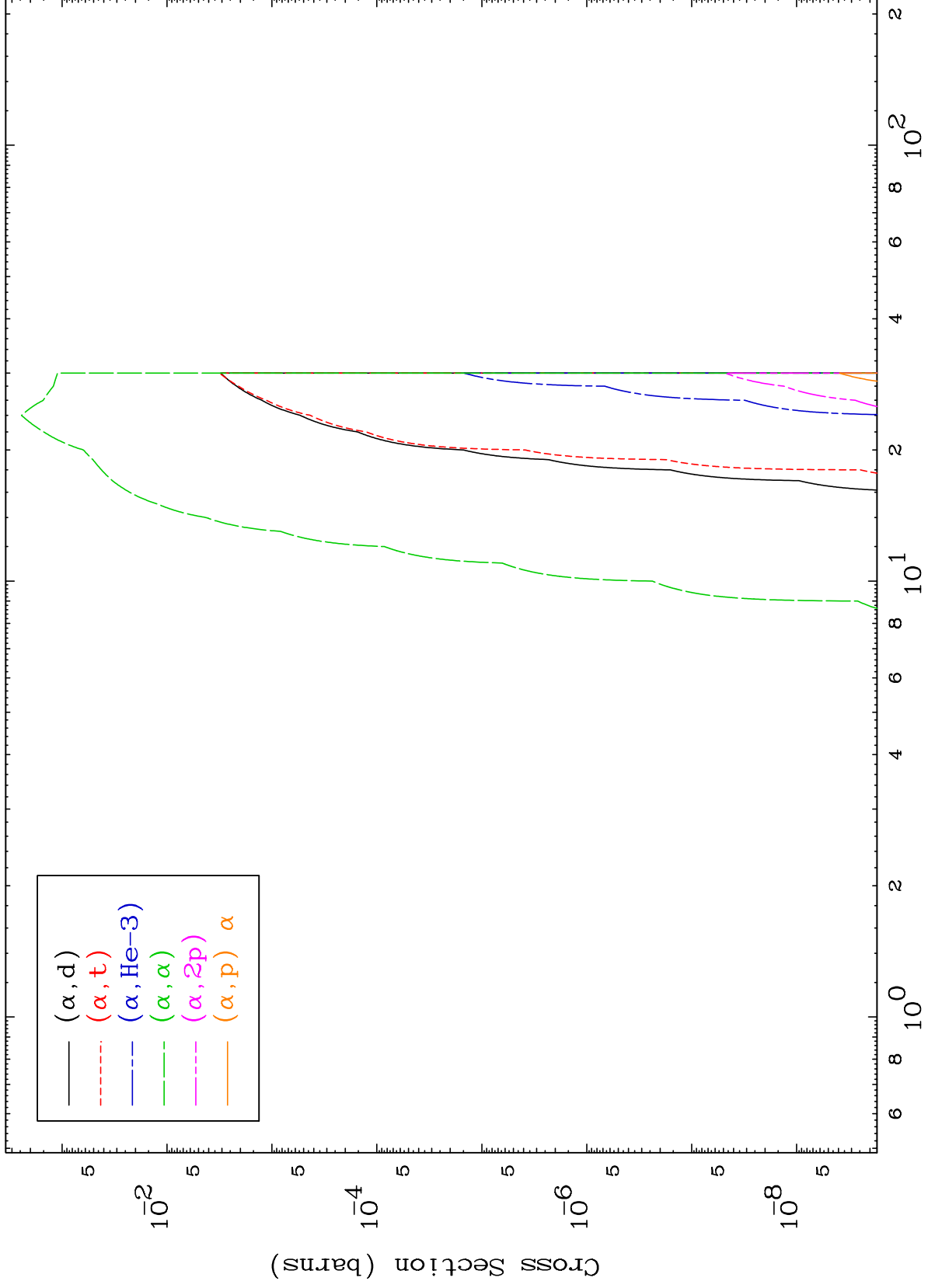
2



MAT 4855

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

48-Cd-116



4

Incident Energy (MeV)

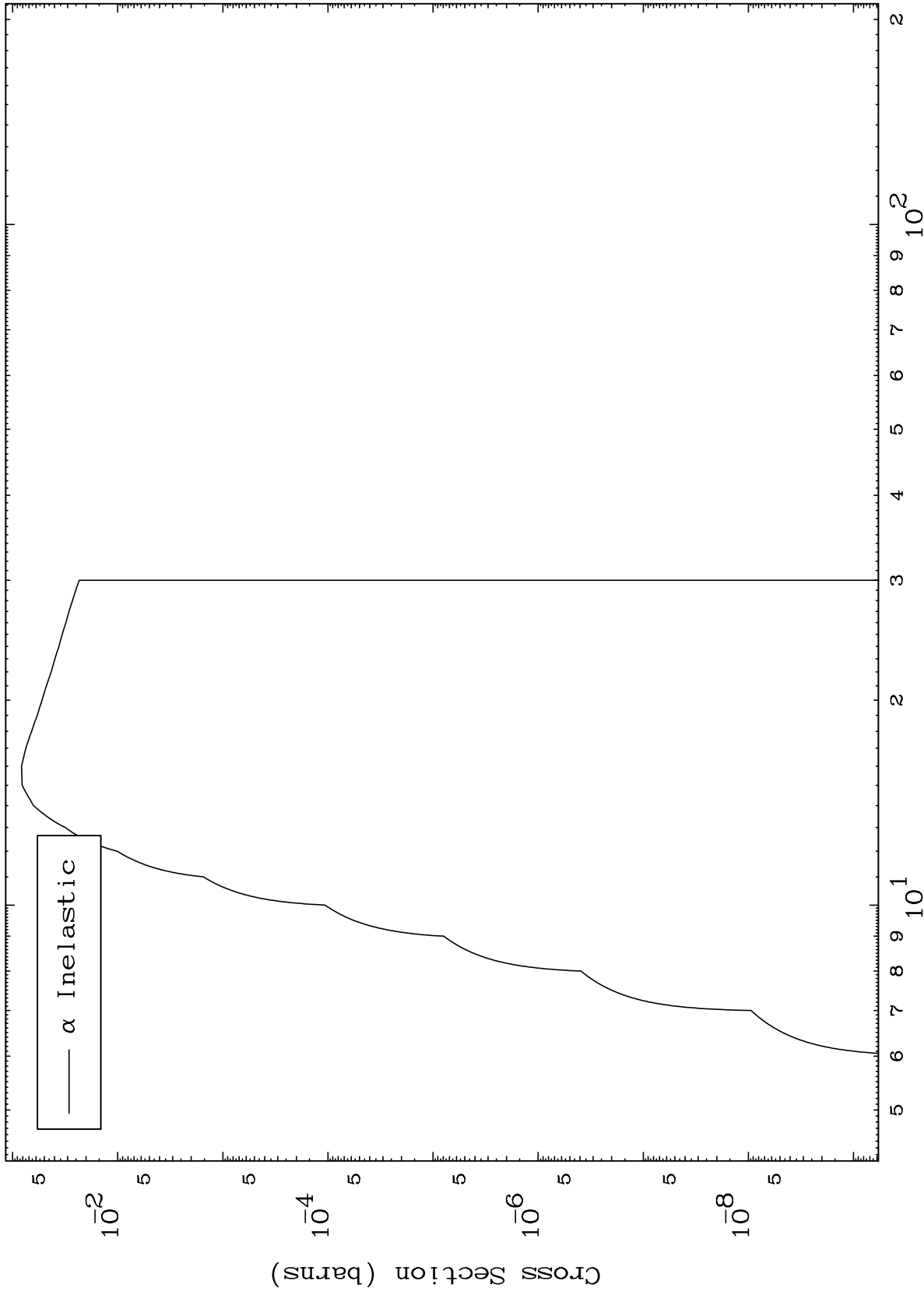
48-Cd-116

MAT 4855

( $\alpha, n'$ ) Level

48-Cd-116

0 Kelvin Cross Sections



5

Incident Energy (MeV)

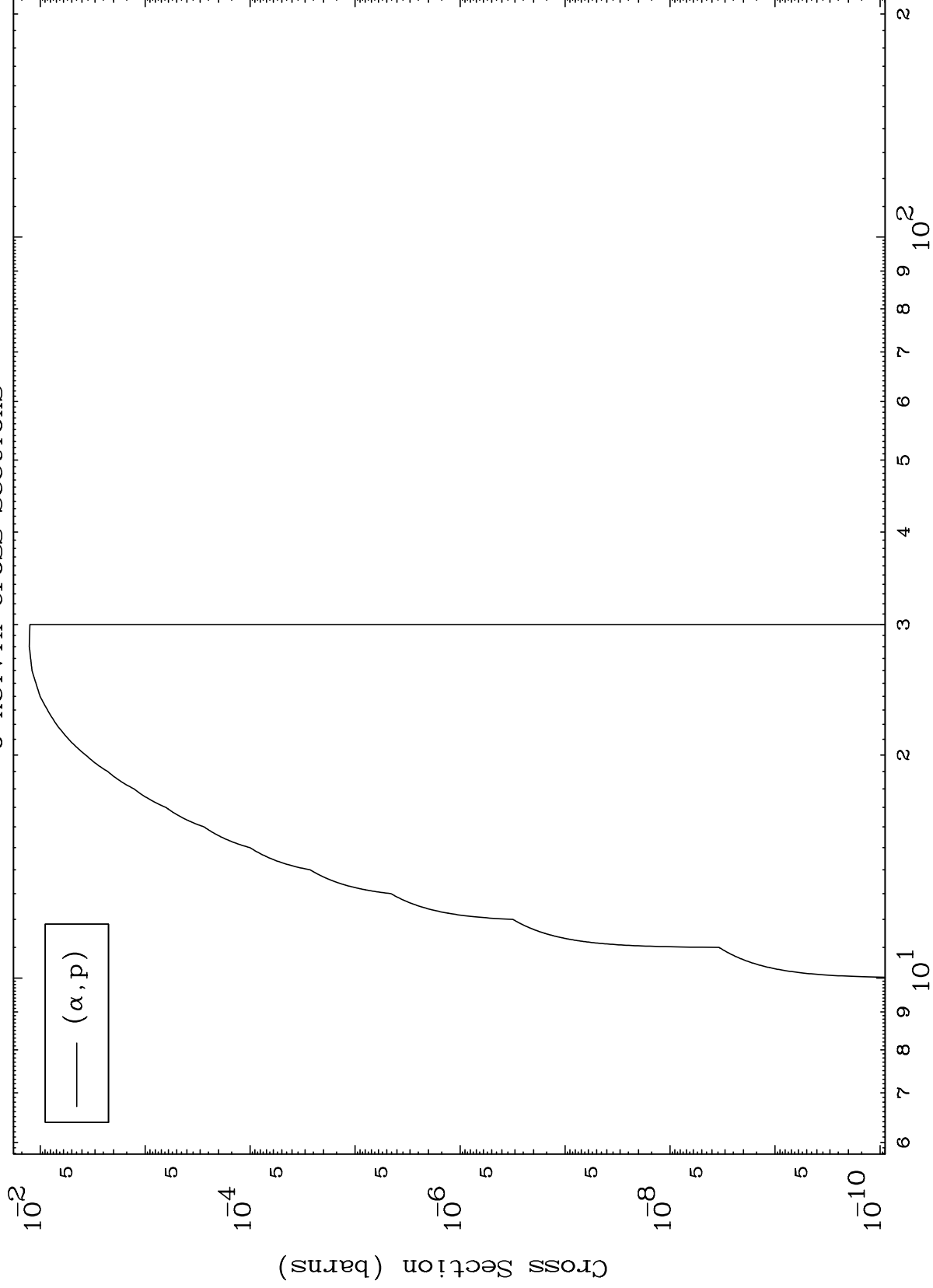
48-Cd-116

MAT 4855

( $\alpha, p$ ) Levels

48-Cd-116

0 Kelvin Cross Sections



6

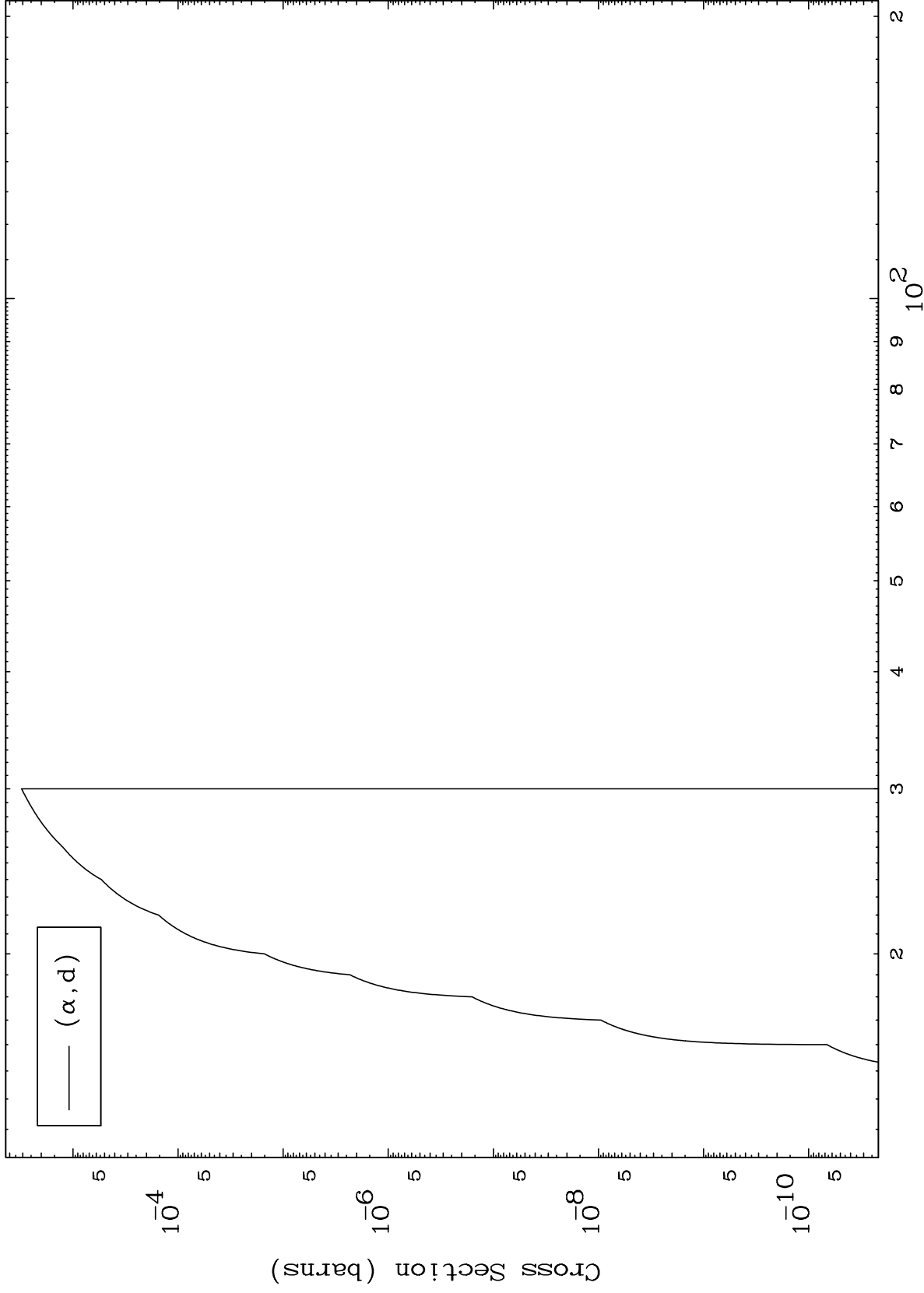
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



7

Incident Energy (MeV)

48-Cd-116

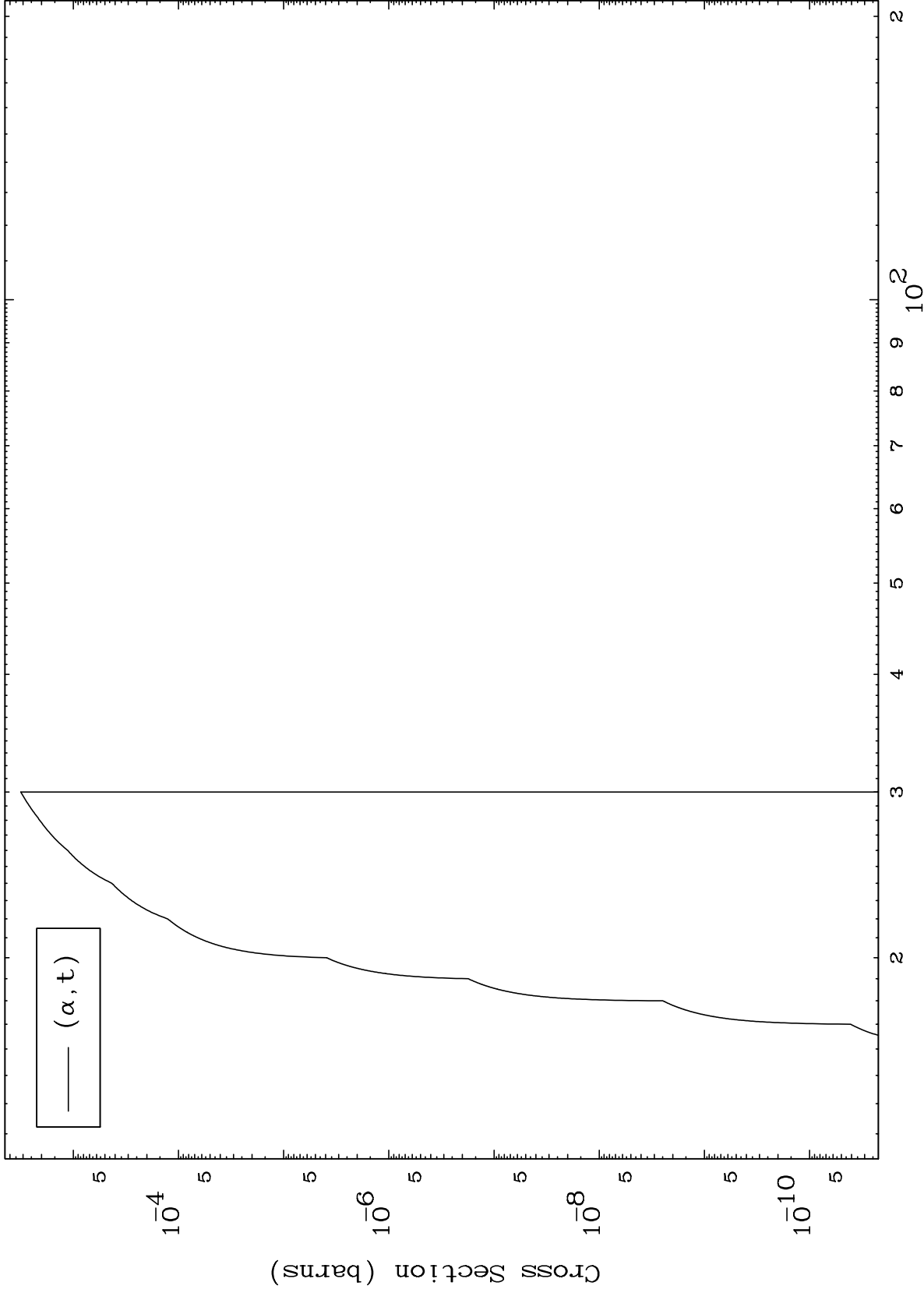


MAT 4855

( $\alpha, t$ ) Levels

48-Cd-116

0 Kelvin Cross Sections



8

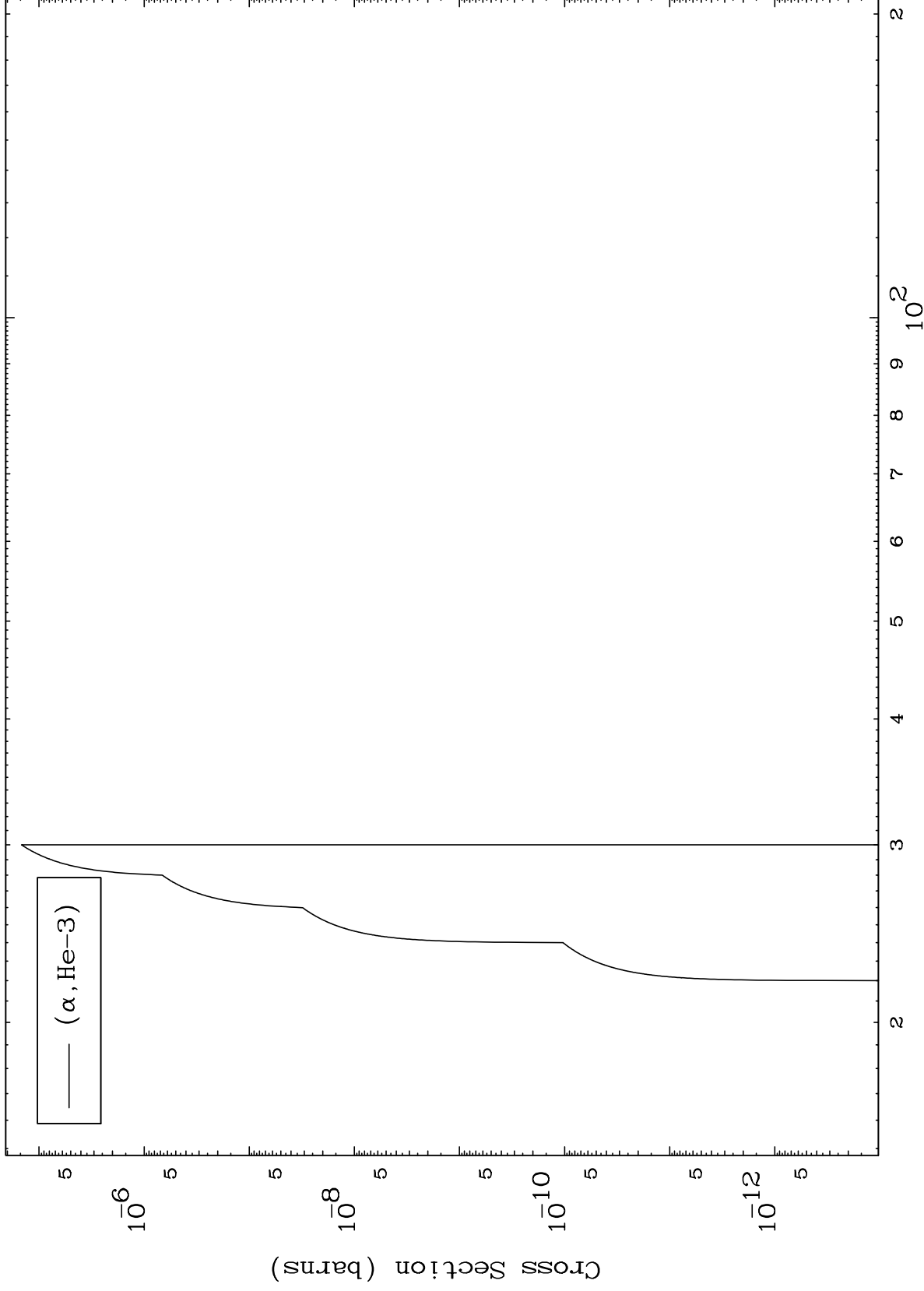
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116

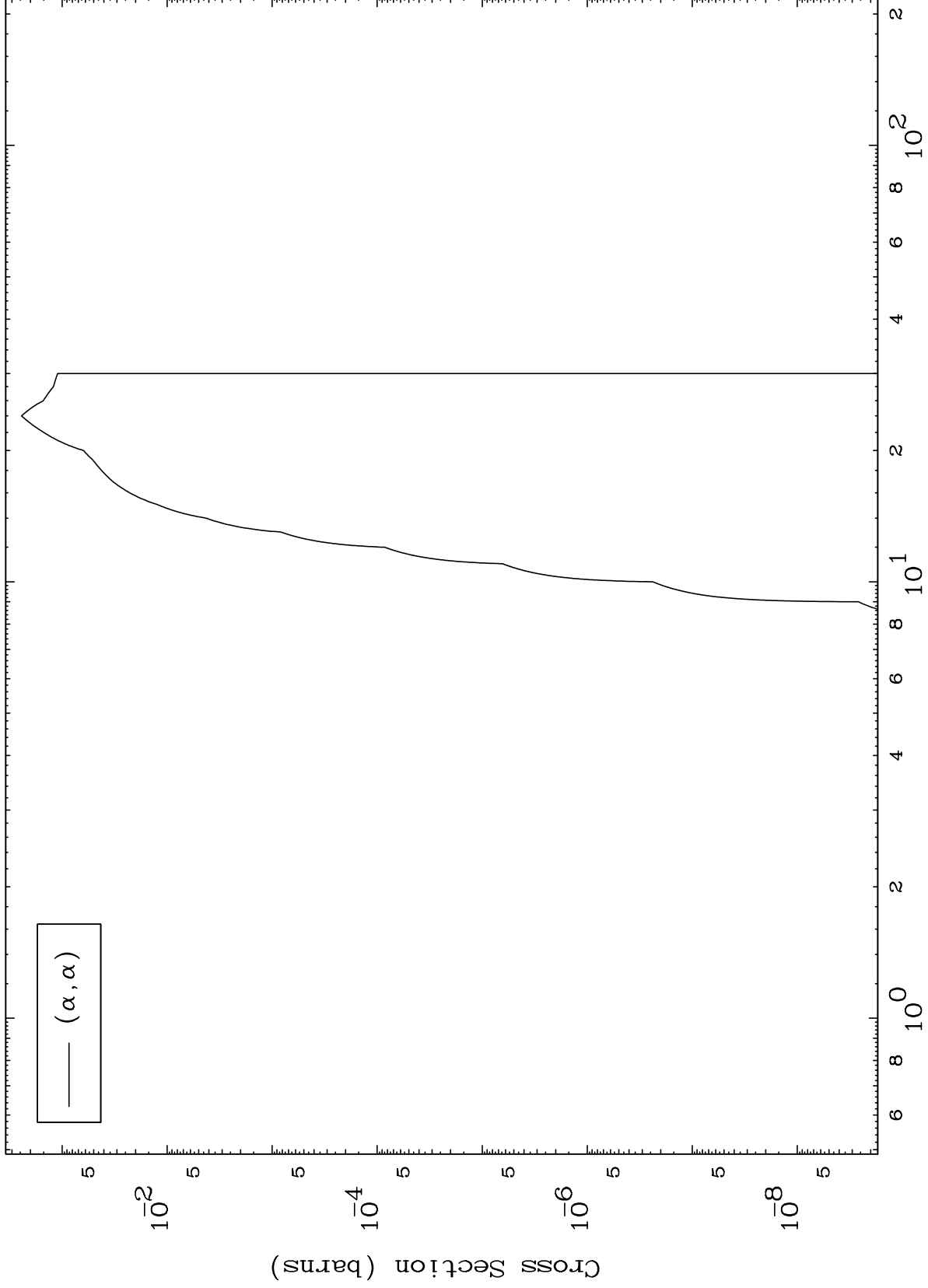


MAT 4855

( $\alpha, \alpha$ ) Levels

48-Cd-116

0 Kelvin Cross Sections



10

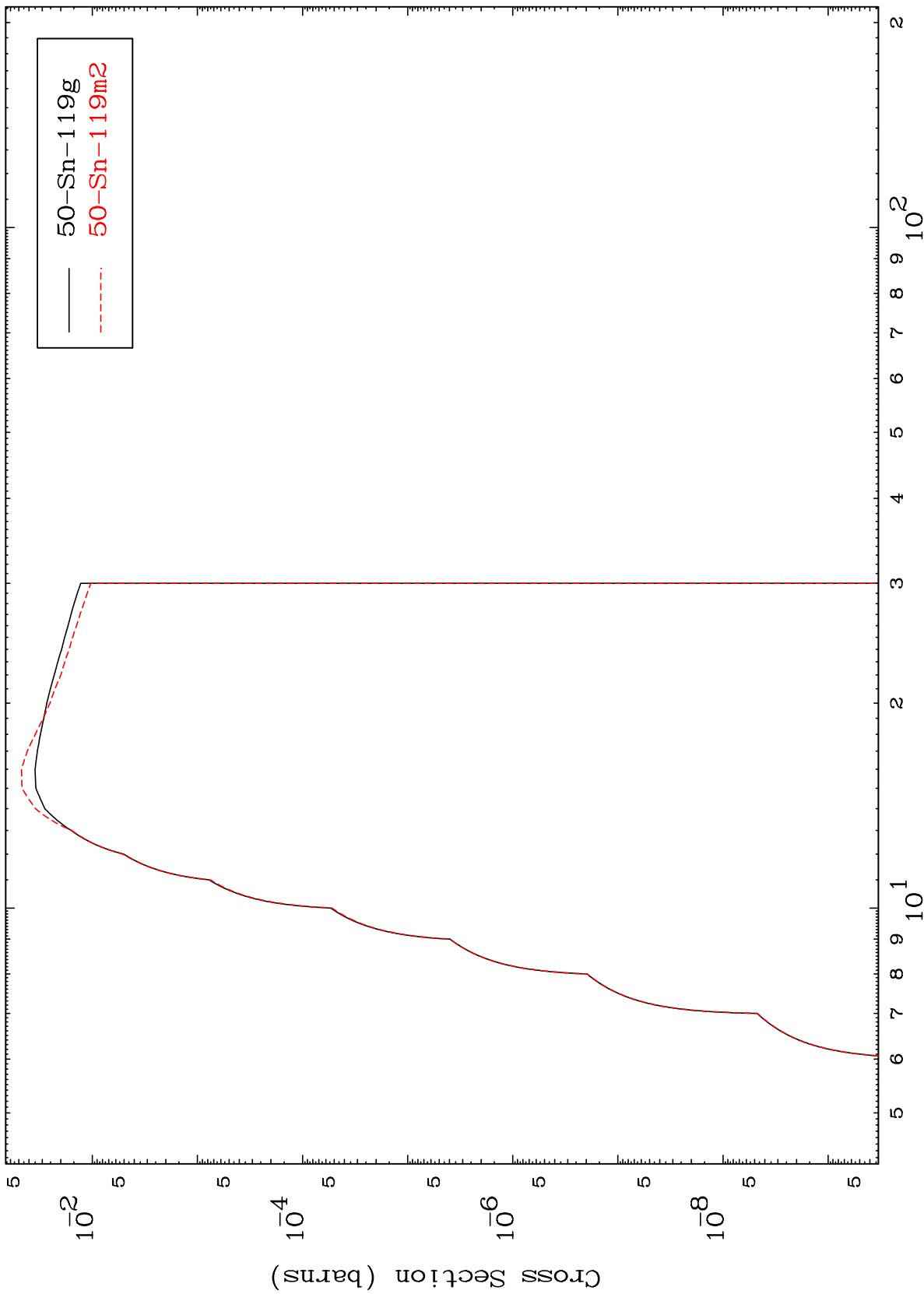
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

$\alpha$  Inelastic  
Radionuclide Production Cross Section



11

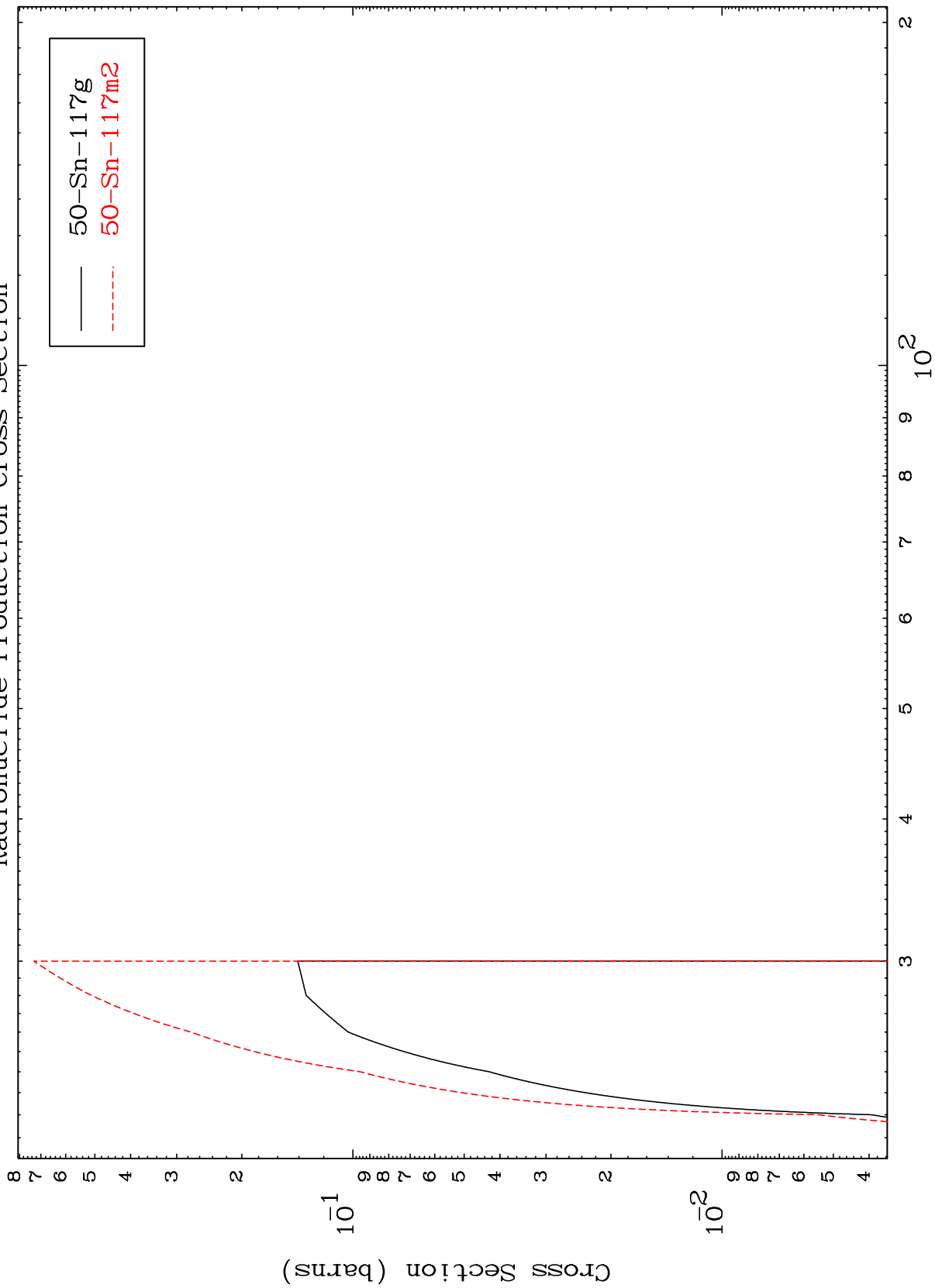
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

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



48-Cd-116

Incident Energy (MeV)

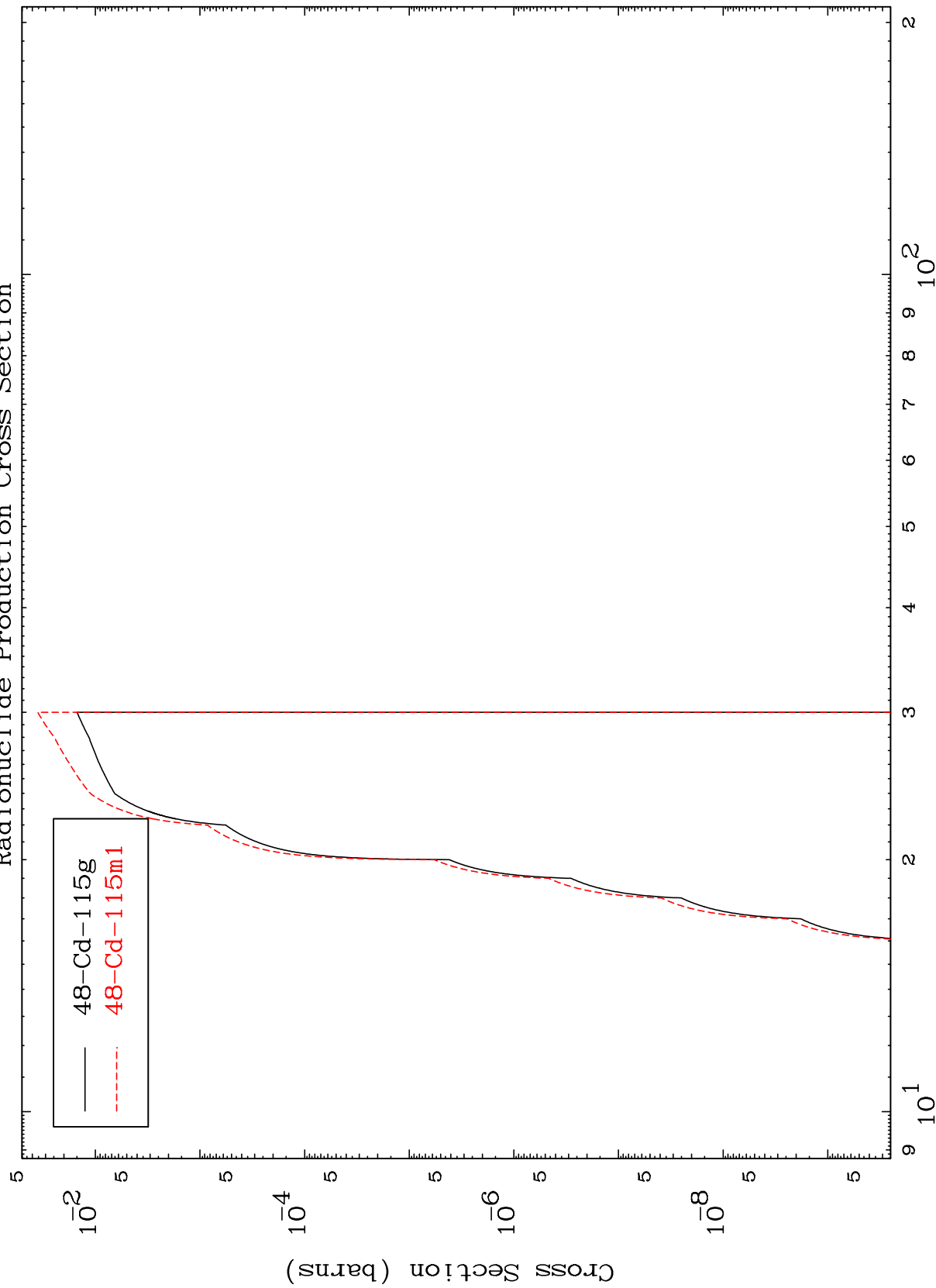
12

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48-Cd-116

$(\alpha, n')$   $\alpha$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

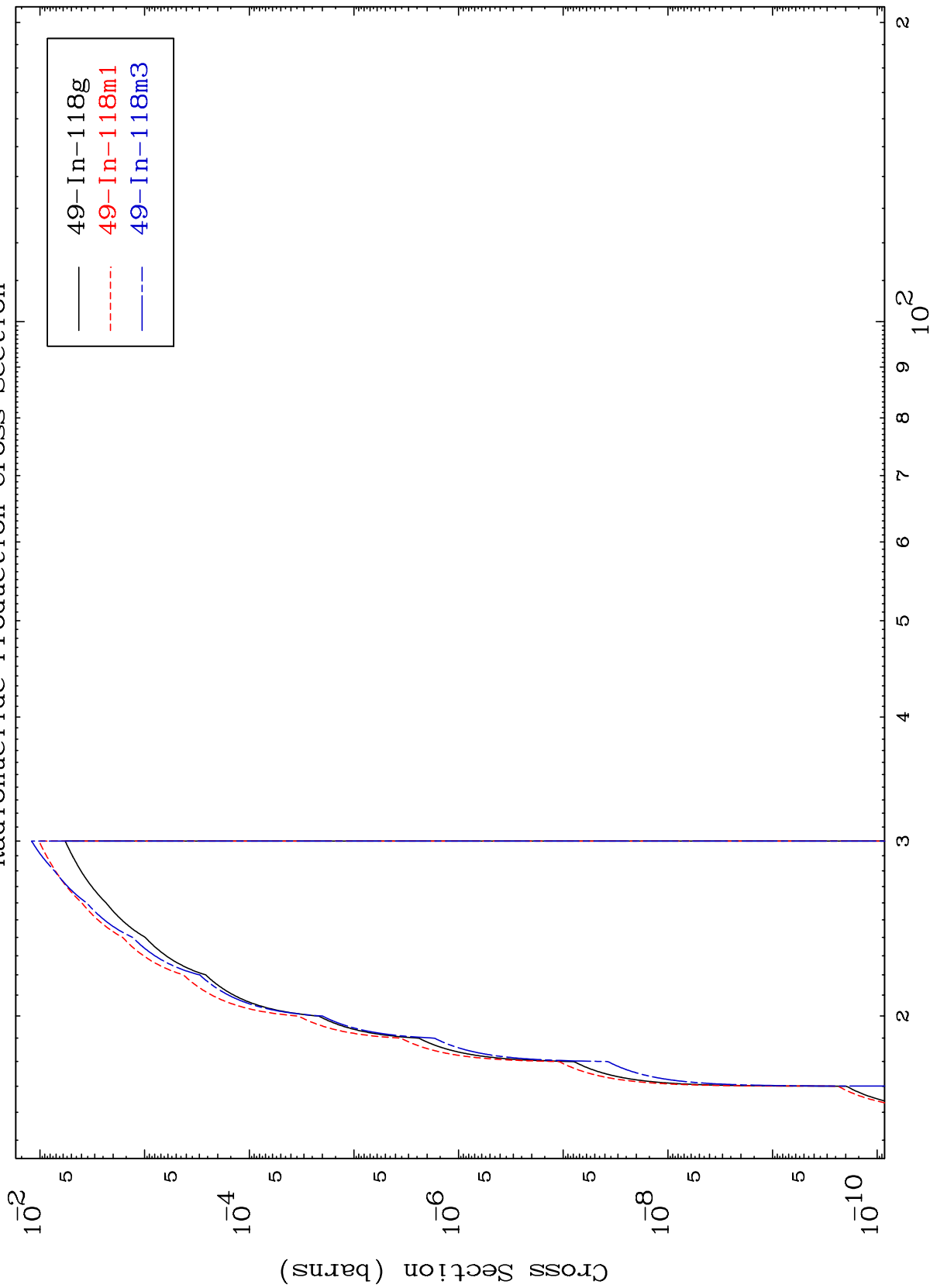
48-Cd-116

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$(\alpha, n')$  p

48-Cd-116

Radionuclide Production Cross Section



14

Incident Energy (MeV)

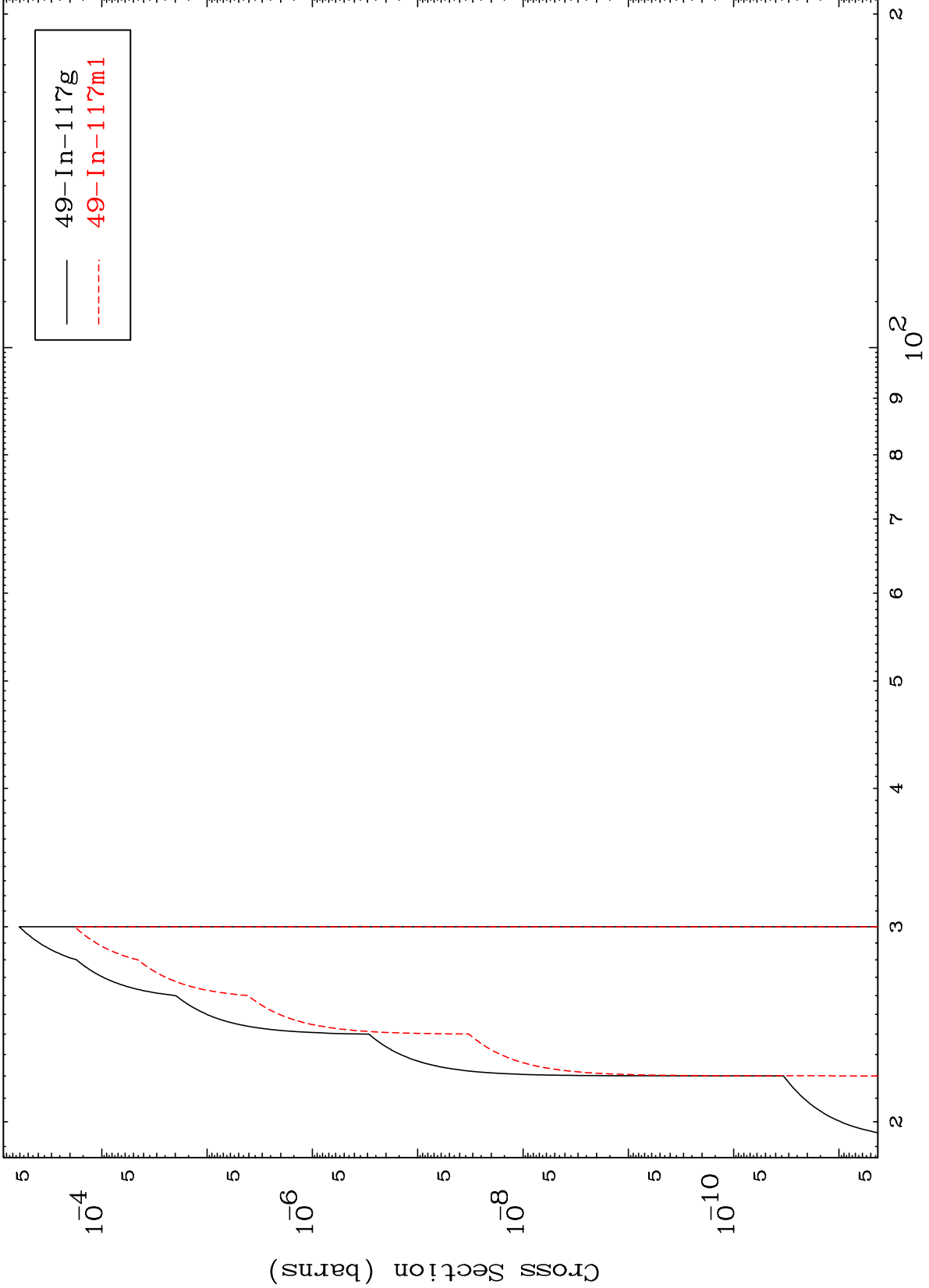
48-Cd-116

MAT 4855

( $\alpha, n'$ ) d

48-Cd-116

Radionuclide Production Cross Section



15

Incident Energy (MeV)

48-Cd-116

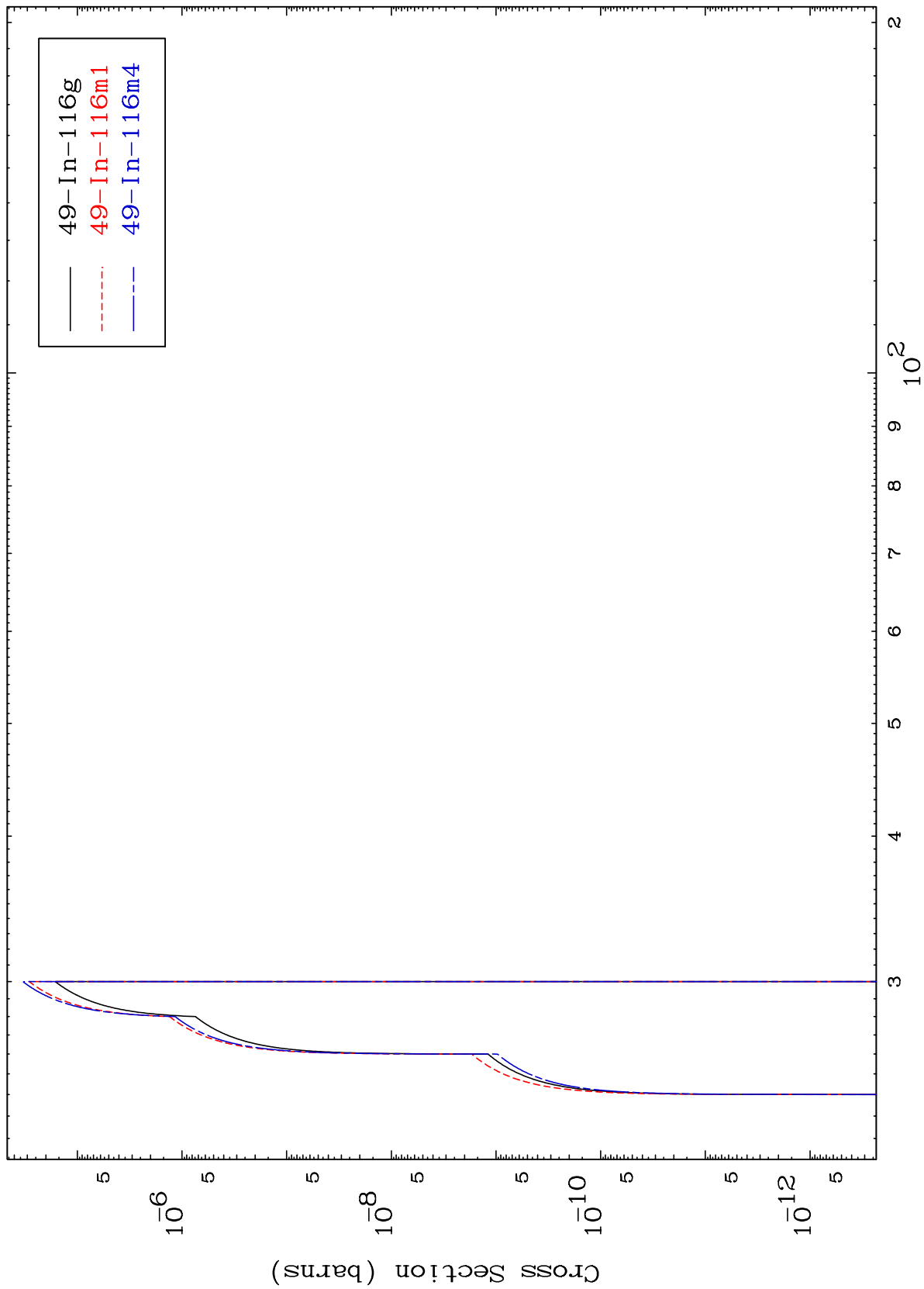


MAT 4855

( $\alpha, n'$ ) t

48-Cd-116

Radionuclide Production Cross Section



16

Incident Energy (MeV)

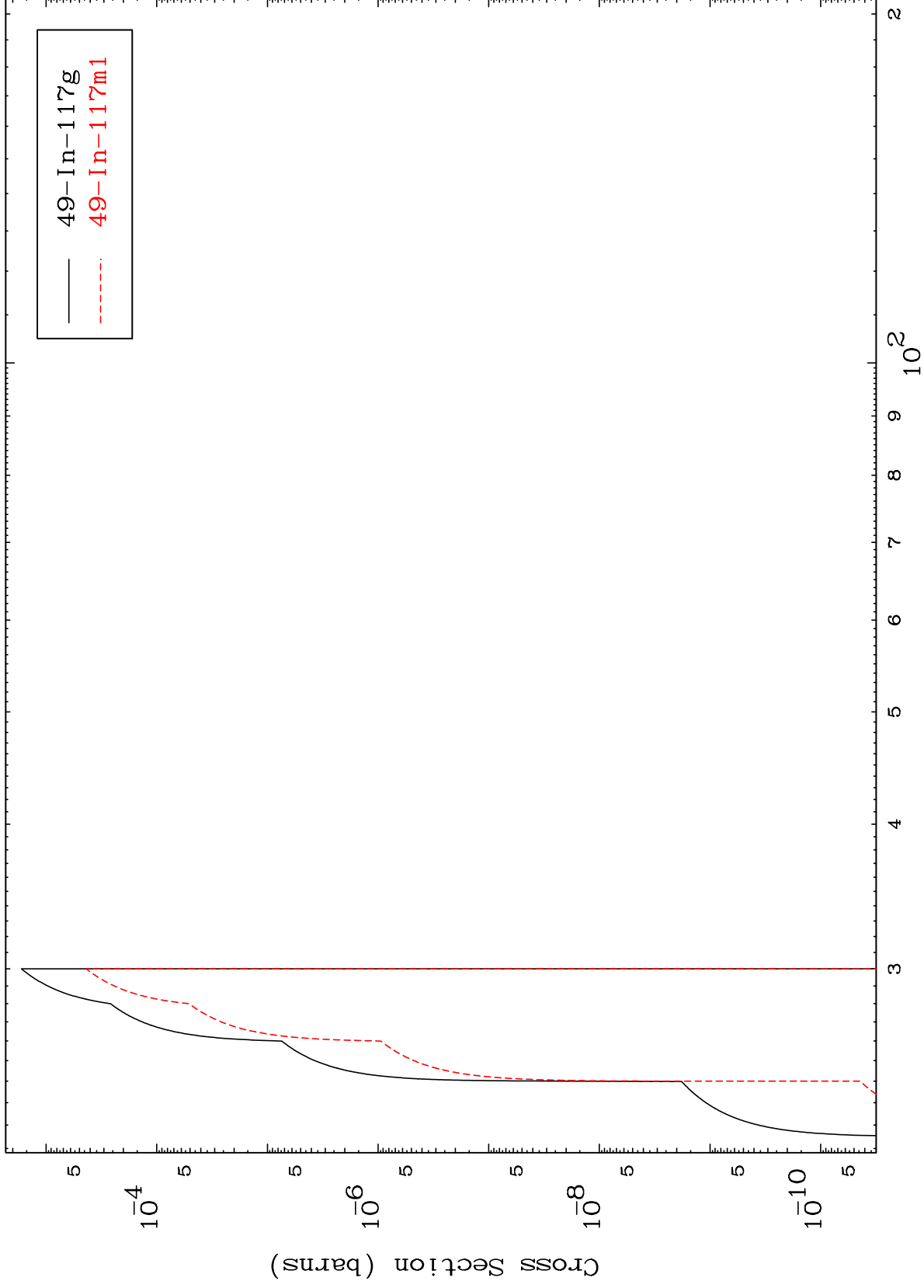
48-Cd-116

MAT 4855

$(\alpha, 2n)$  p

48-Cd-116

Radionuclide Production Cross Section



17

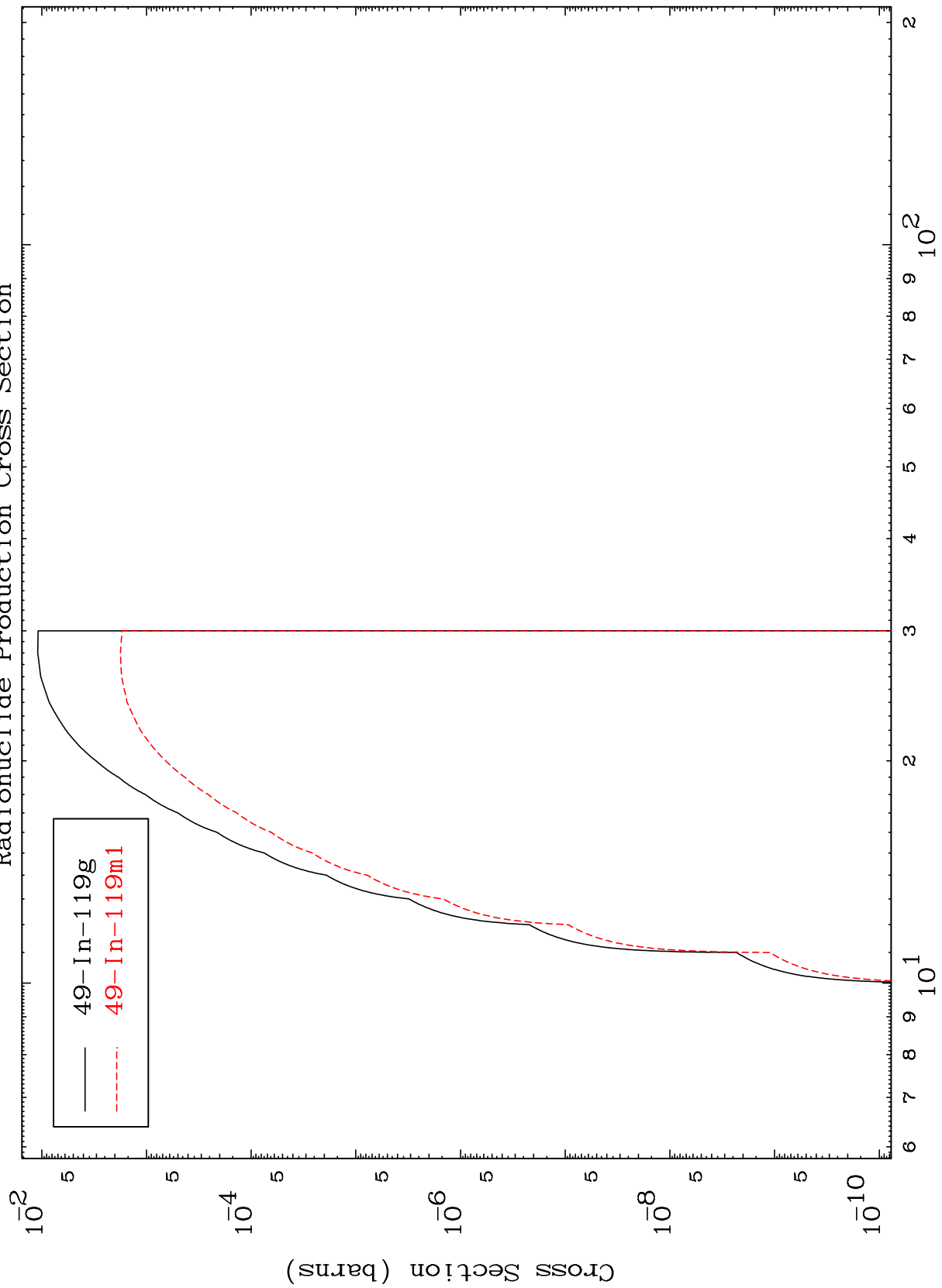
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

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

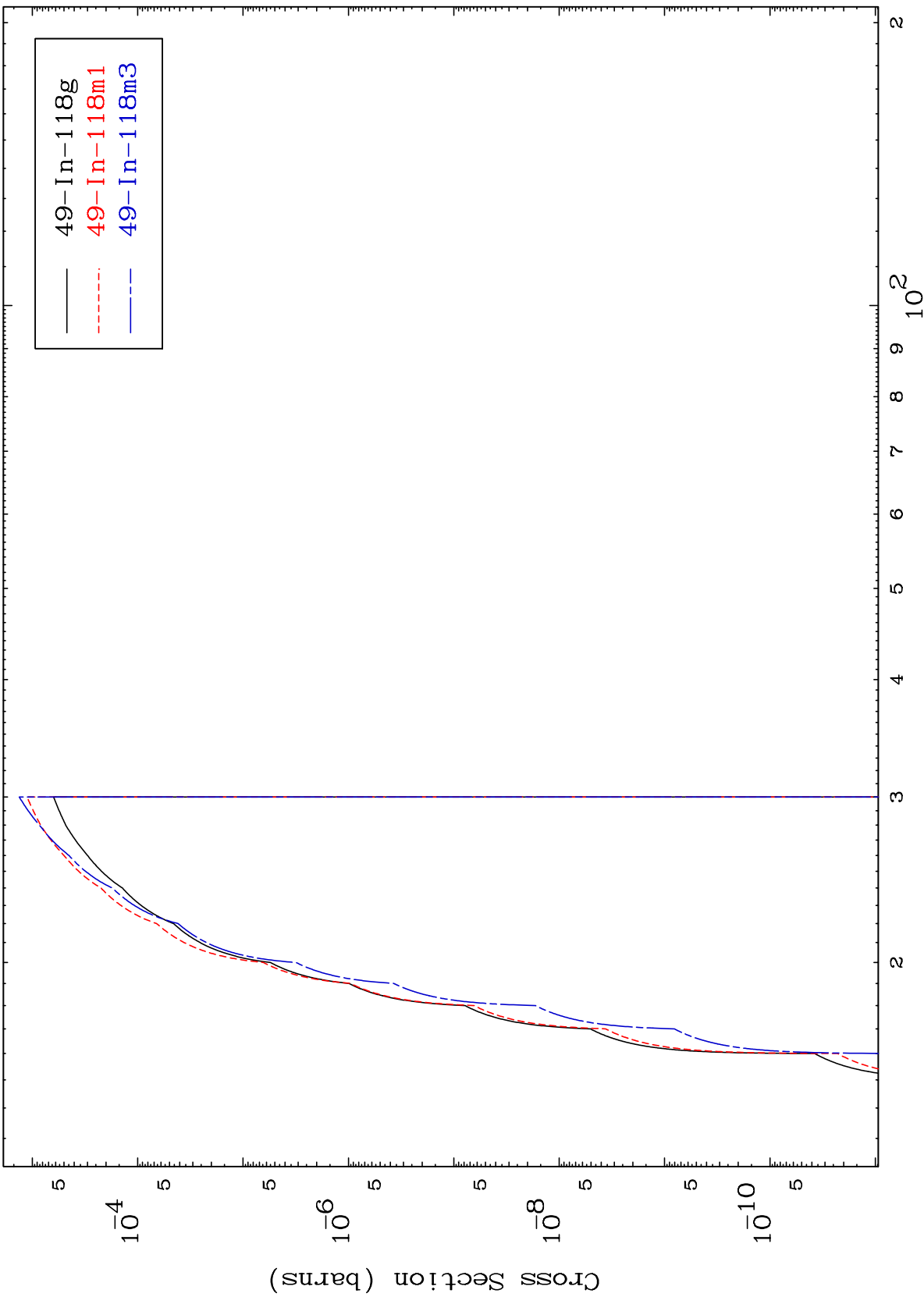


18

Incident Energy (MeV)

48-Cd-116

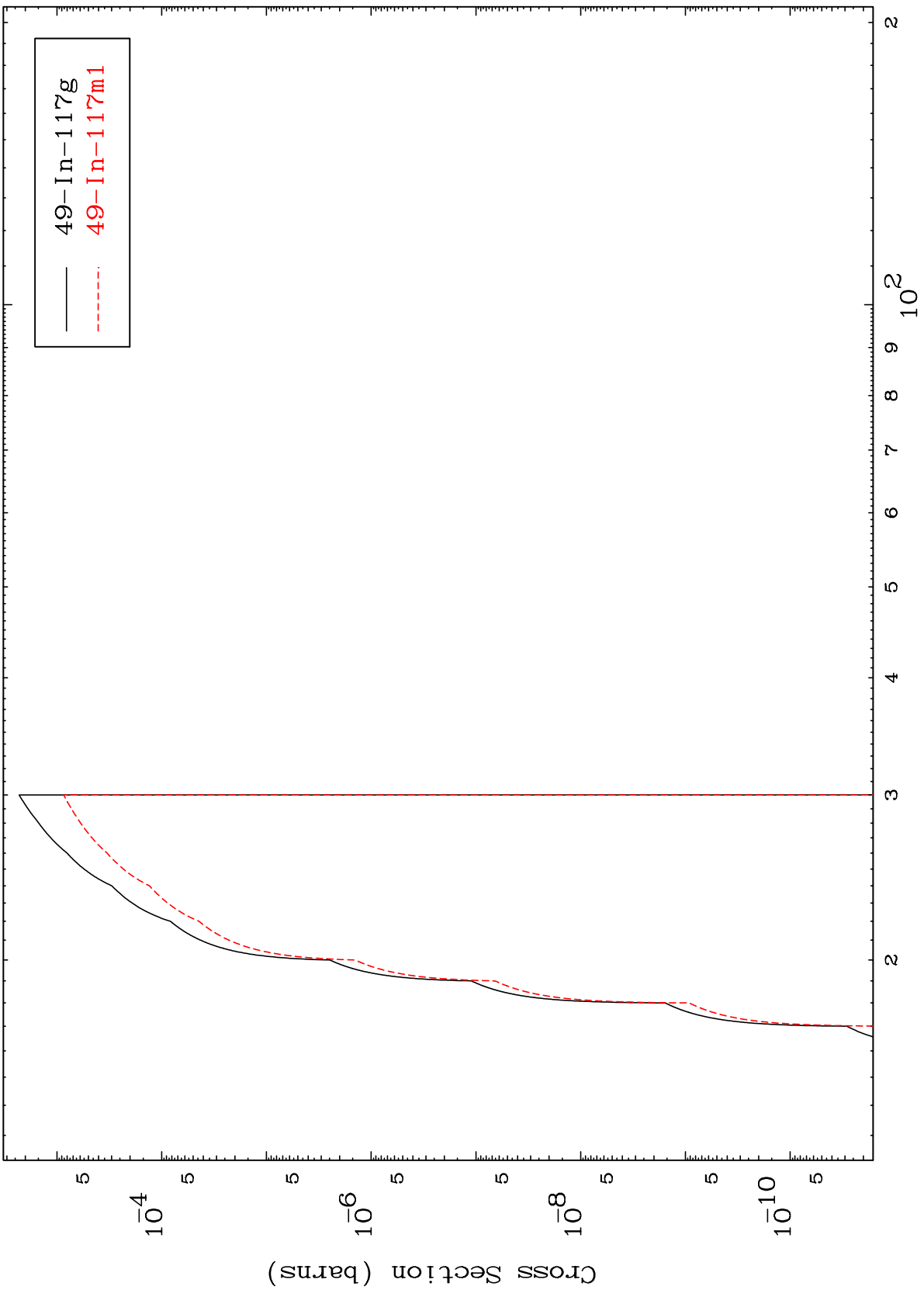
Radionuclide Production Cross Section



MAT 4855

48-Cd-116

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



20

Incident Energy (MeV)

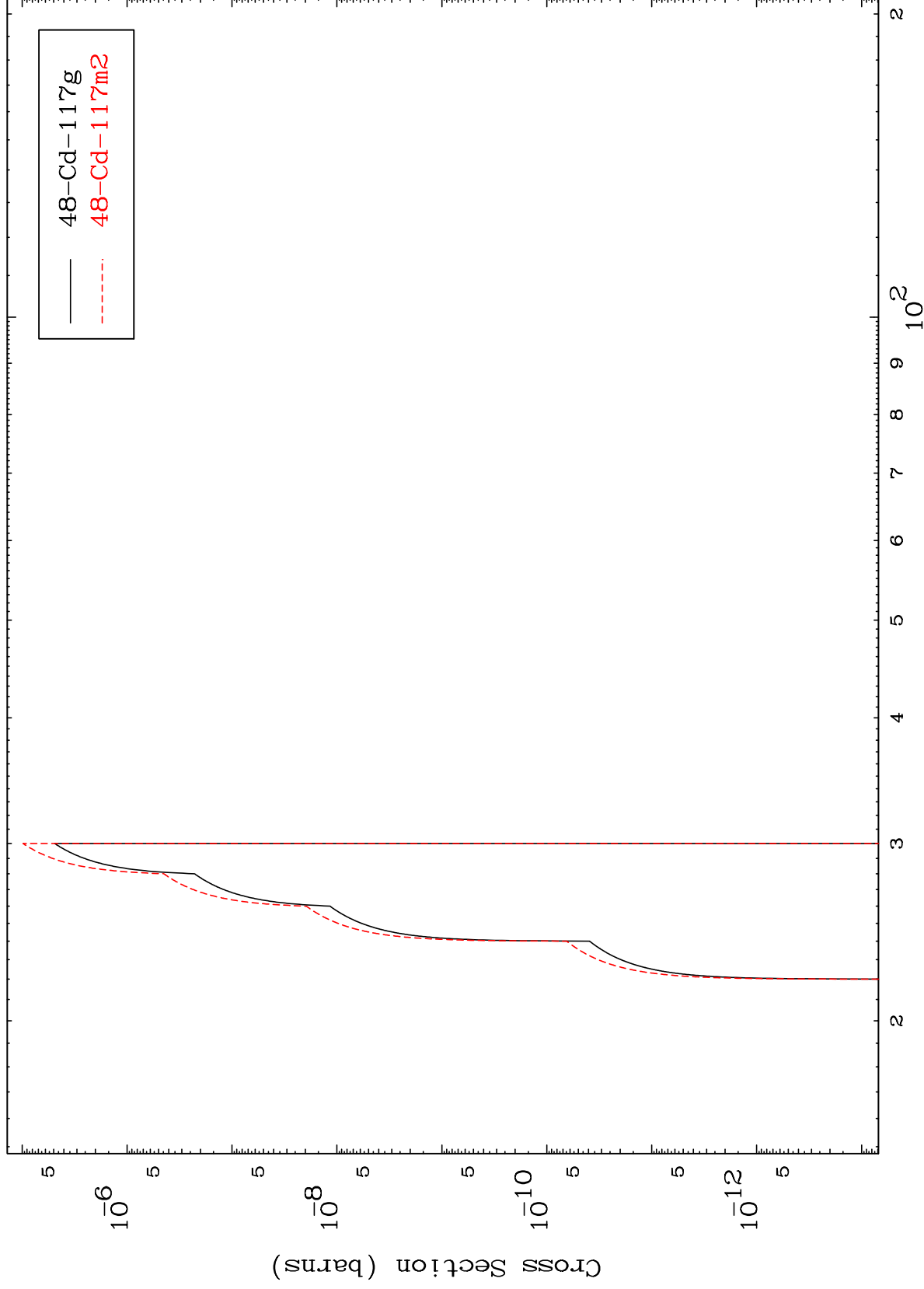
48-Cd-116

MAT 4855

( $\alpha, \text{He-3}$ )

48-Cd-116

Radionuclide Production Cross Section



21

Incident Energy (MeV)

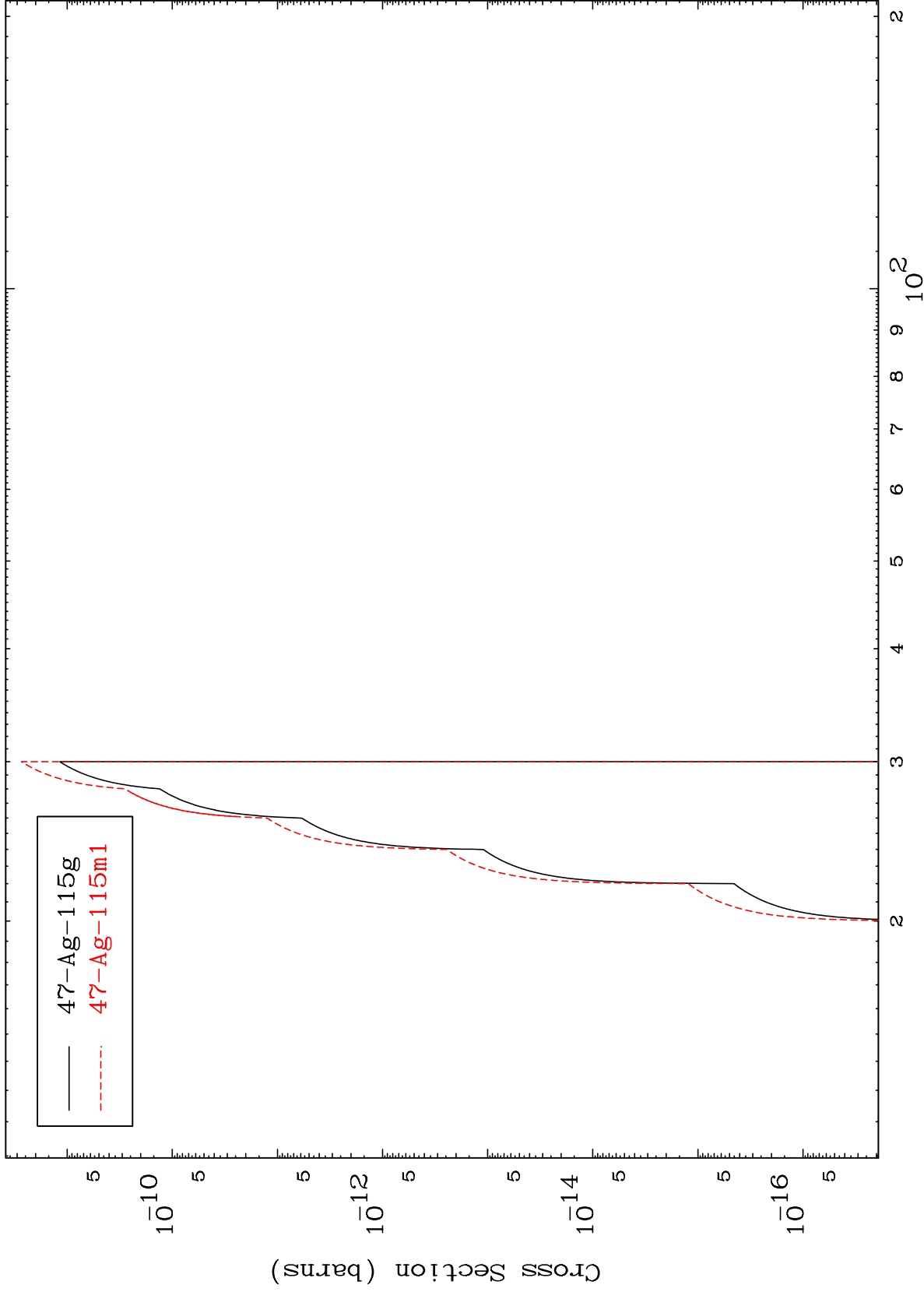
48-Cd-116

MAT 4855

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

48-Cd-116

Radionuclide Production Cross Section



22

Incident Energy (MeV)

48-Cd-116