

Program EVALPLOT  
(Version 2018-1)

by

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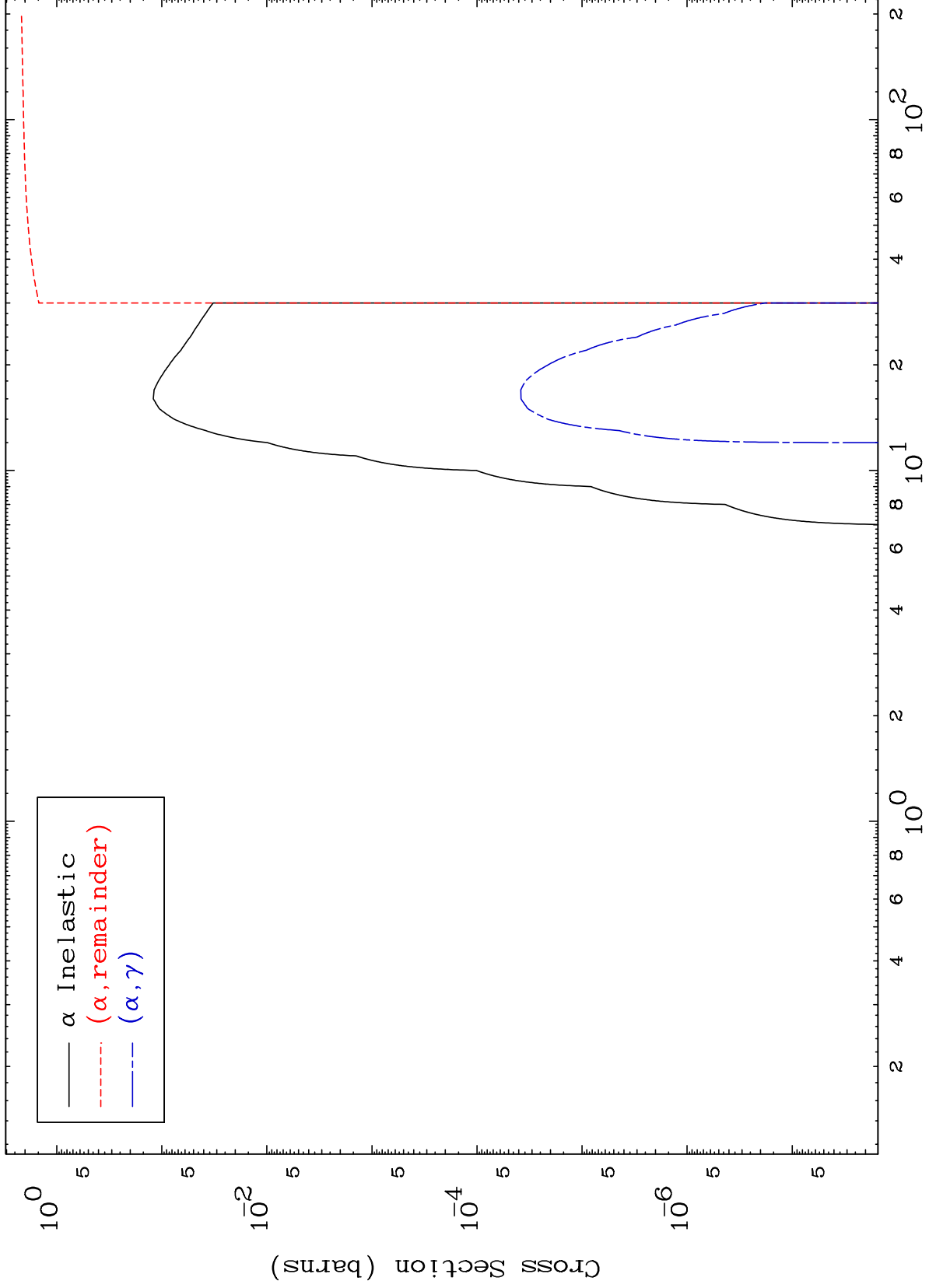
Press Mouse Button to Start

MAT 4853

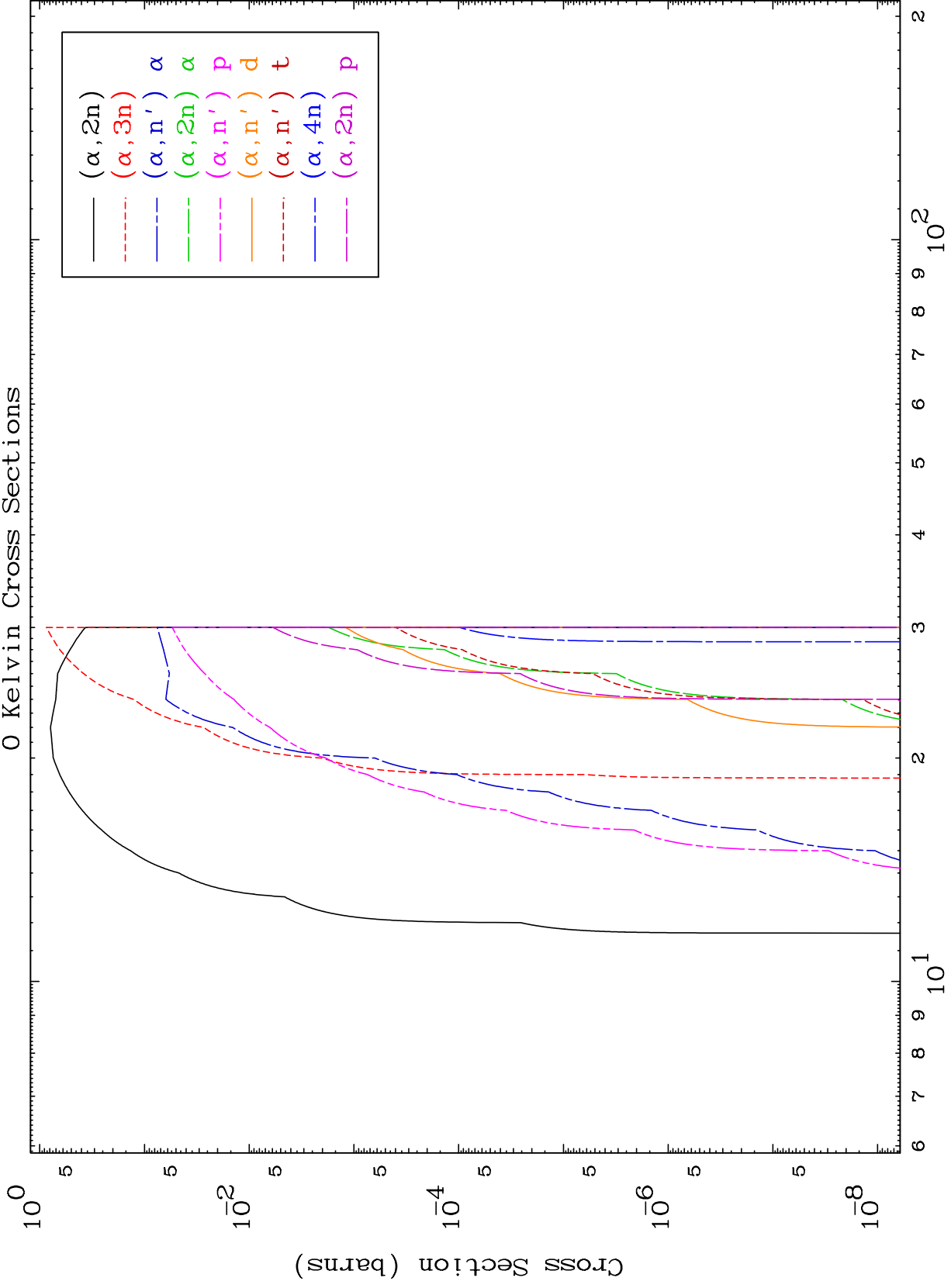
$\alpha$  Major

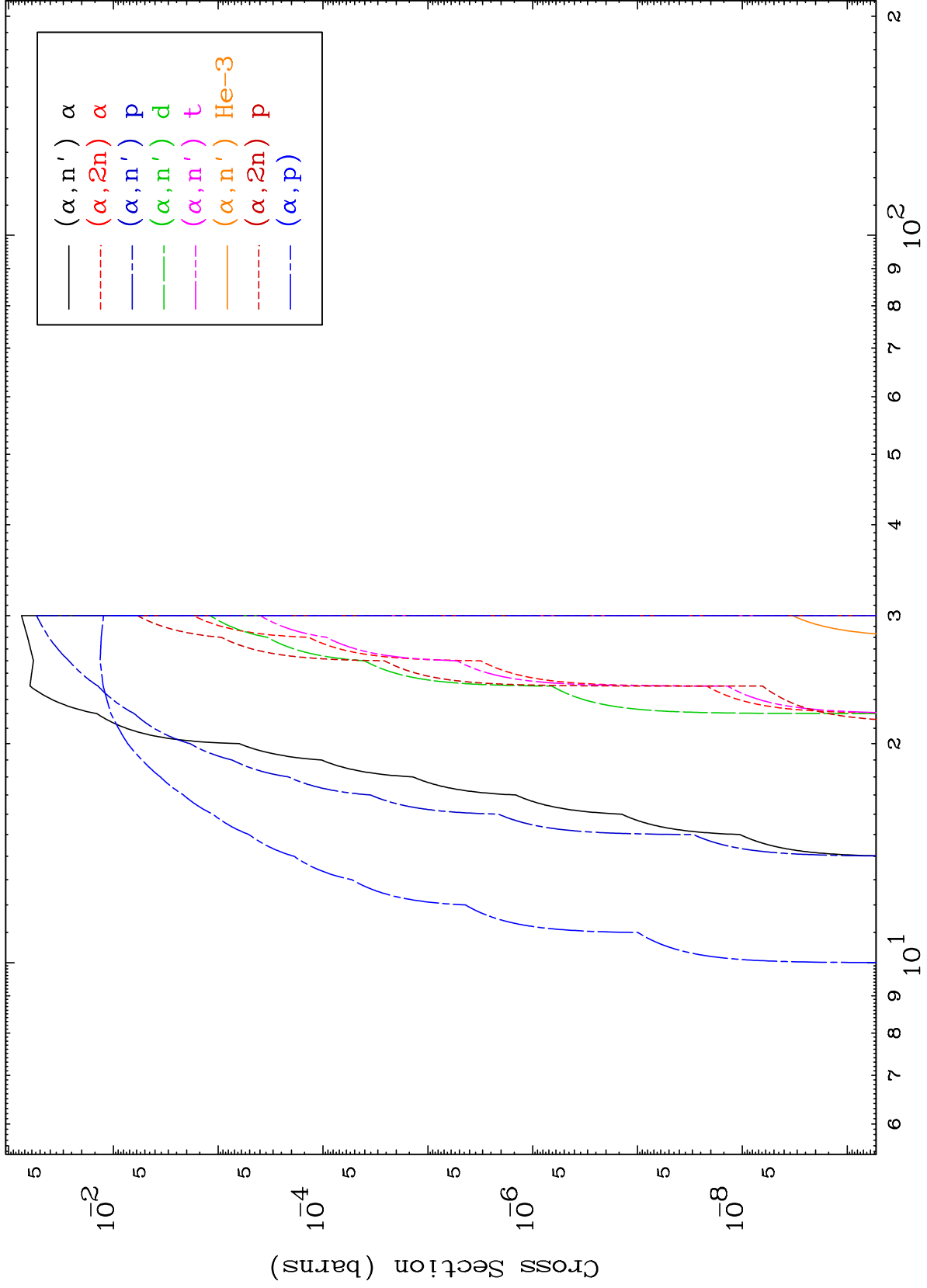
48-Cd-115

0 Kelvin Cross Sections



$\alpha$  Inelastic  
( $\alpha$ , remainder)  
( $\alpha$ ,  $\gamma$ )

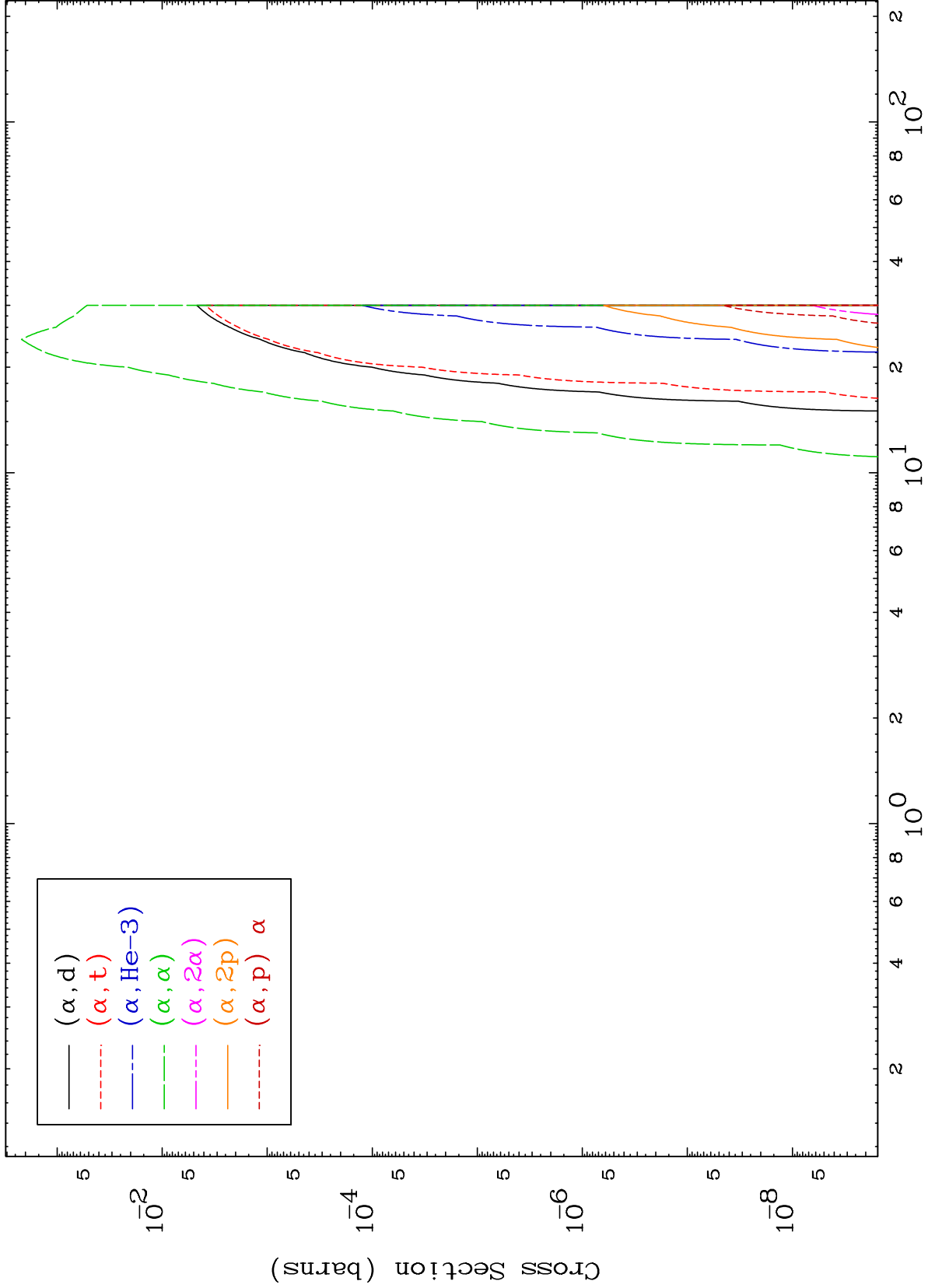




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$\alpha$  Charged Particle  
0 Kelvin Cross Sections

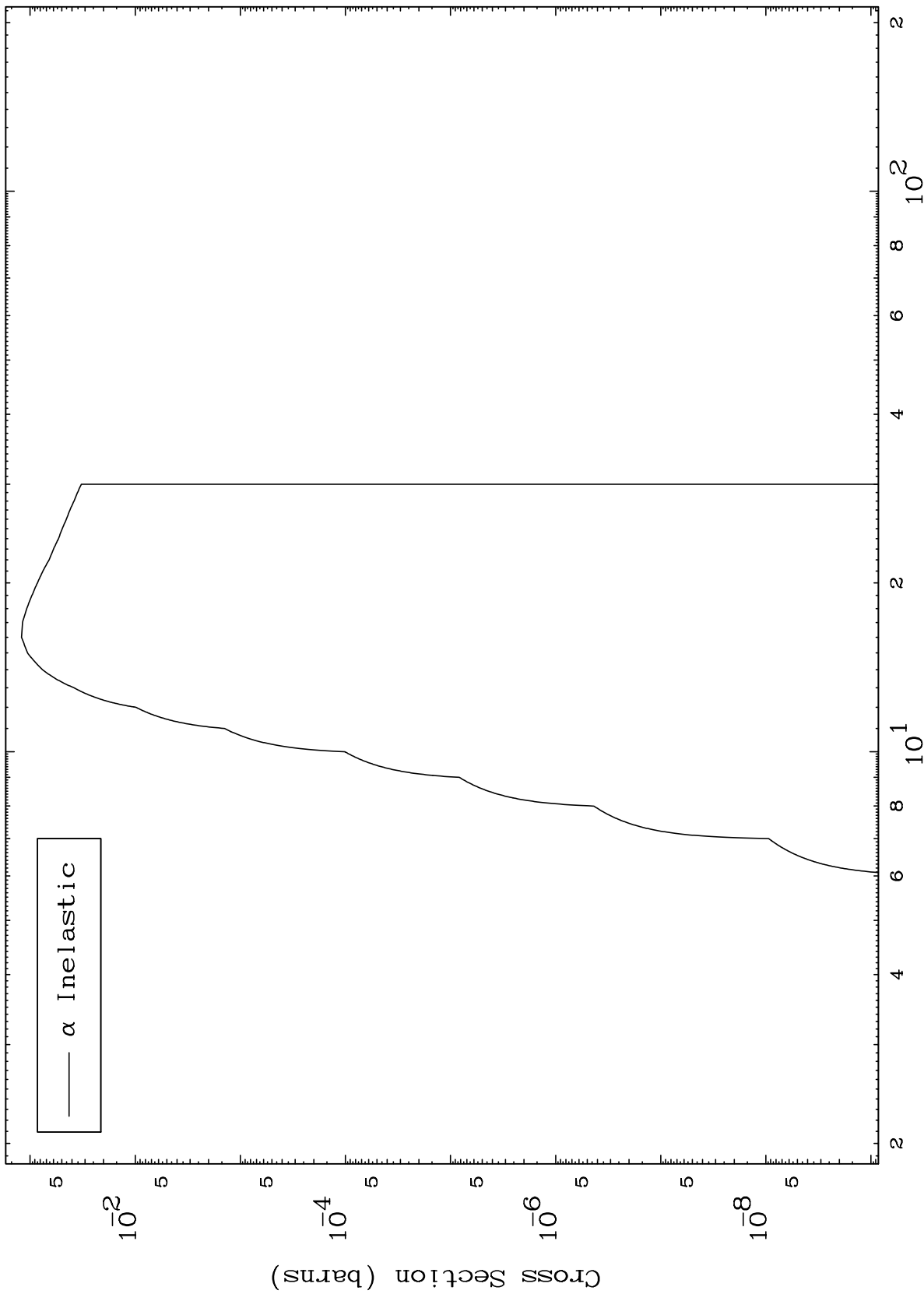
48-Cd-115



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48-Cd-115

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



5

Incident Energy (MeV)

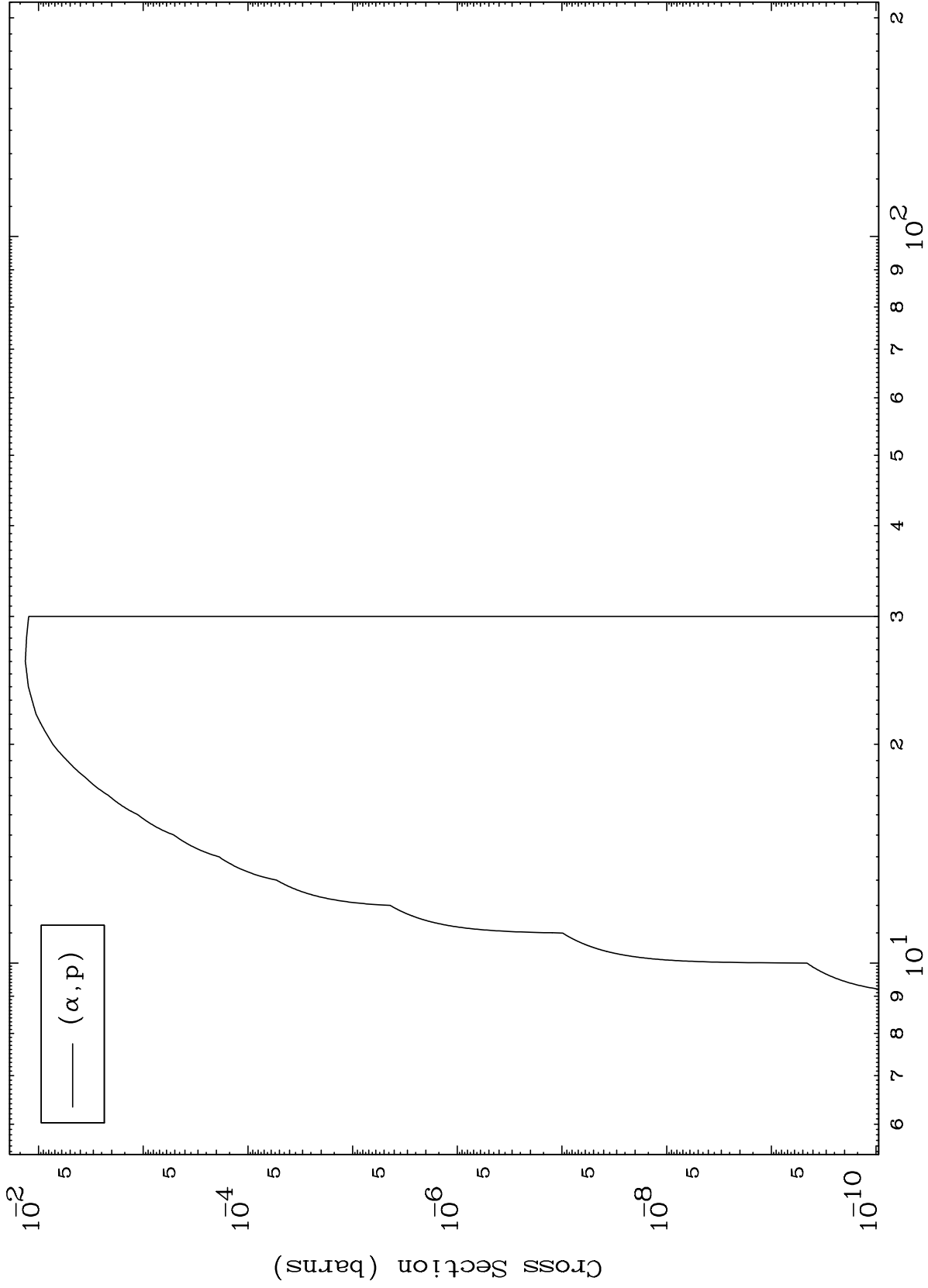
48-Cd-115

MAT 4853

( $\alpha, p$ ) Levels

48-Cd-115

0 Kelvin Cross Sections



6

Incident Energy (MeV)

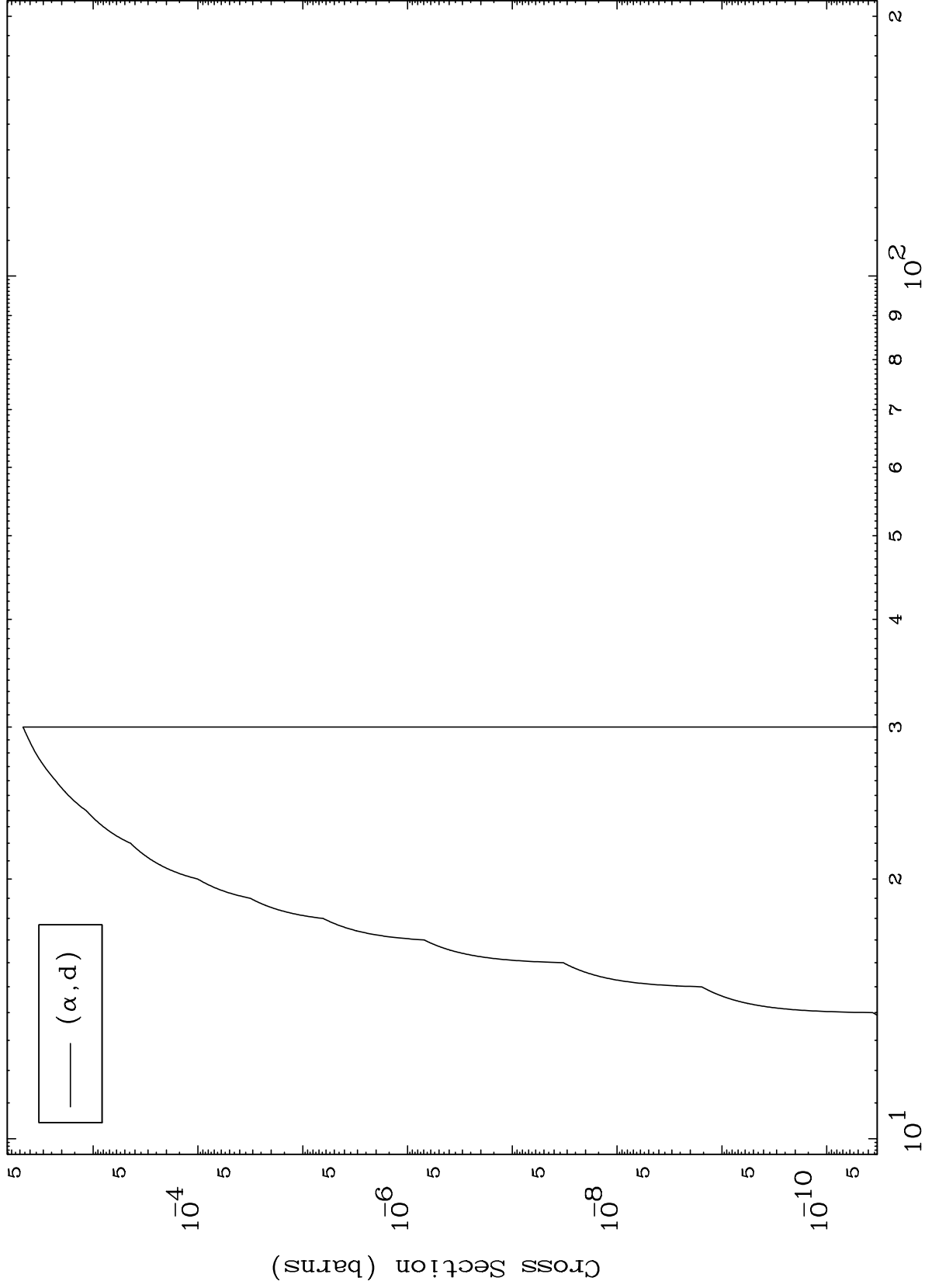
48-Cd-115

MAT 4853

( $\alpha, d$ ) Levels

48-Cd-115

0 Kelvin Cross Sections



Incident Energy (MeV)

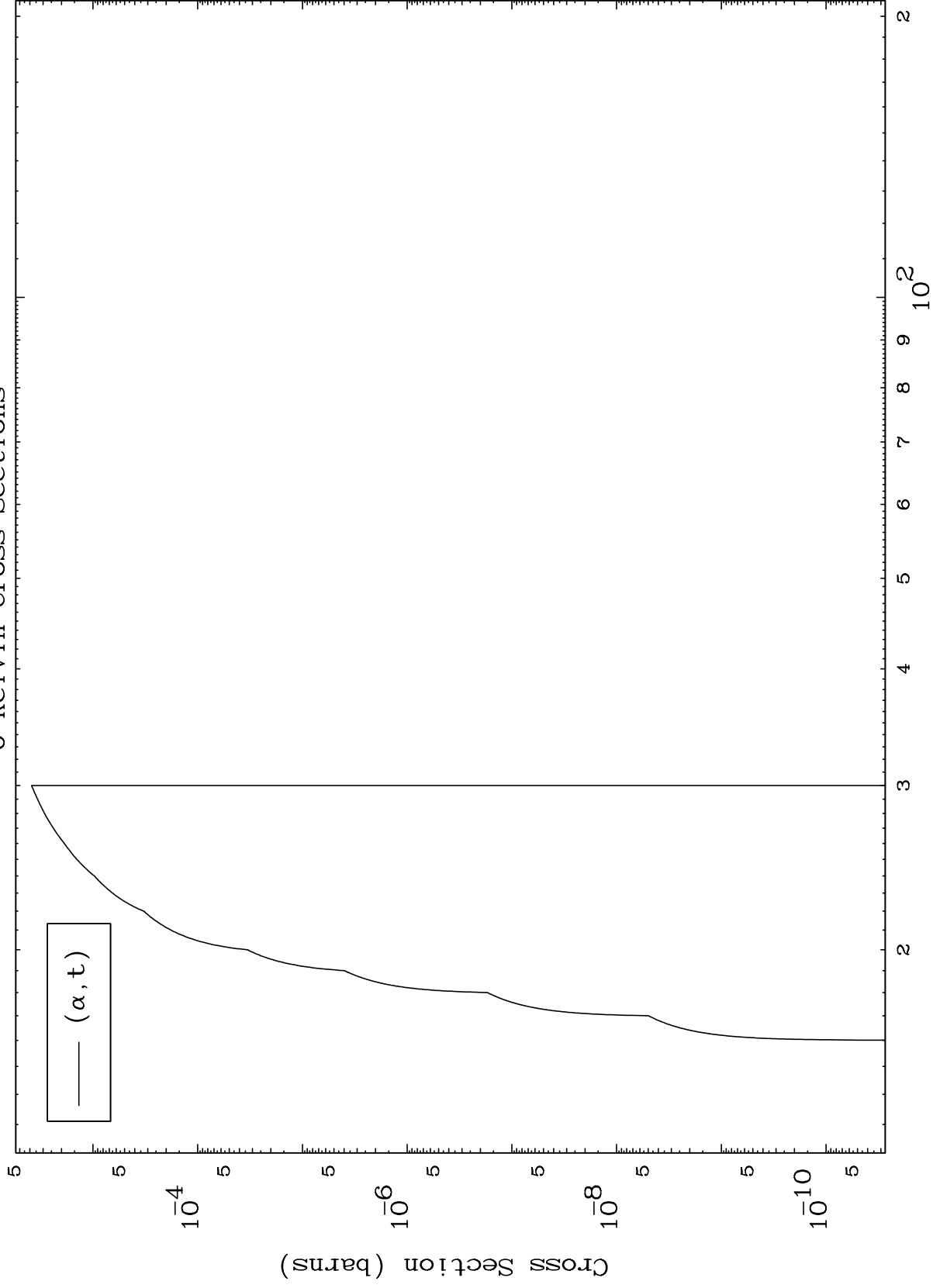
48-Cd-115



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48-Cd-115

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



48-Cd-115

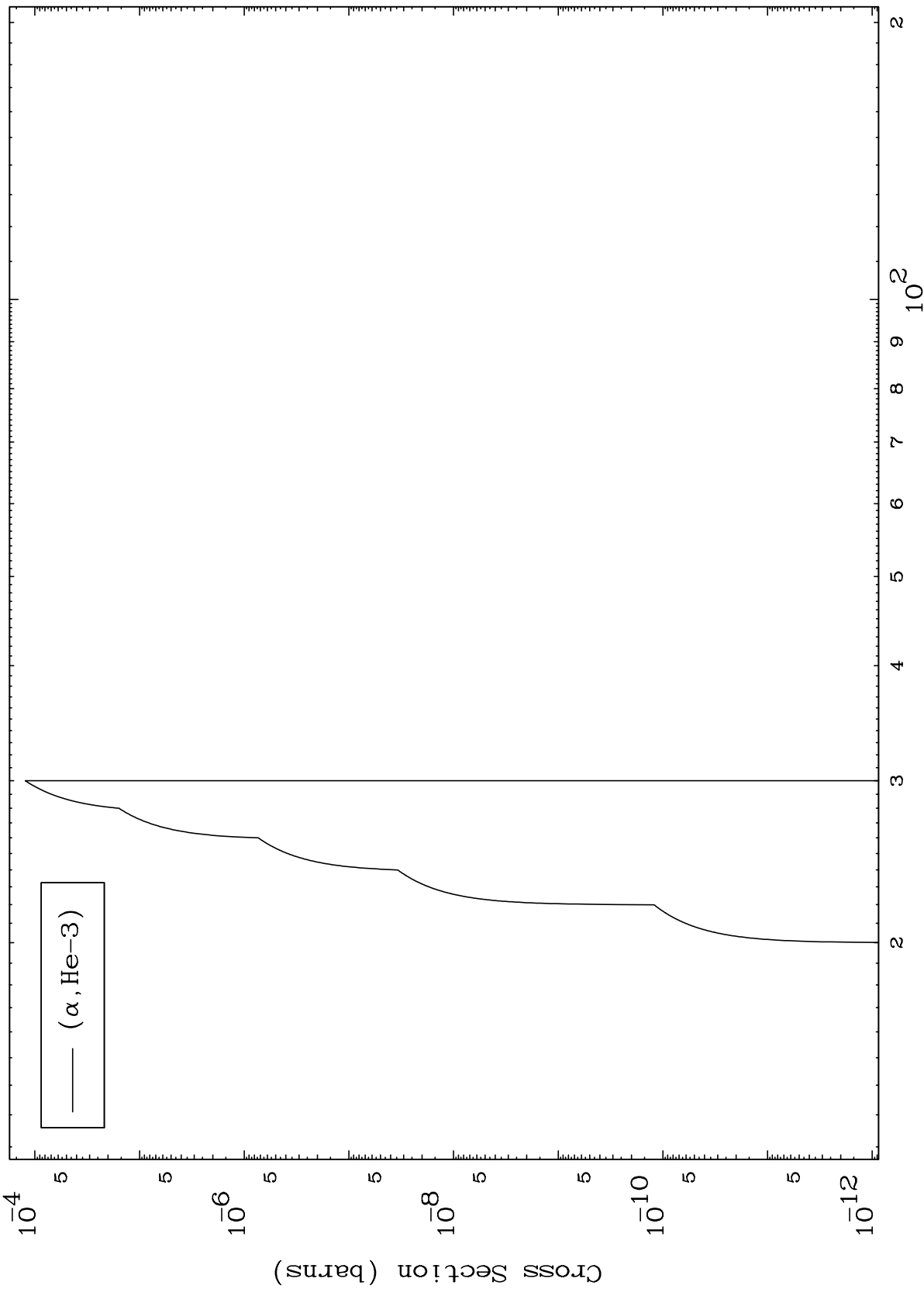
Incident Energy (MeV)

8

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48-Cd-115

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

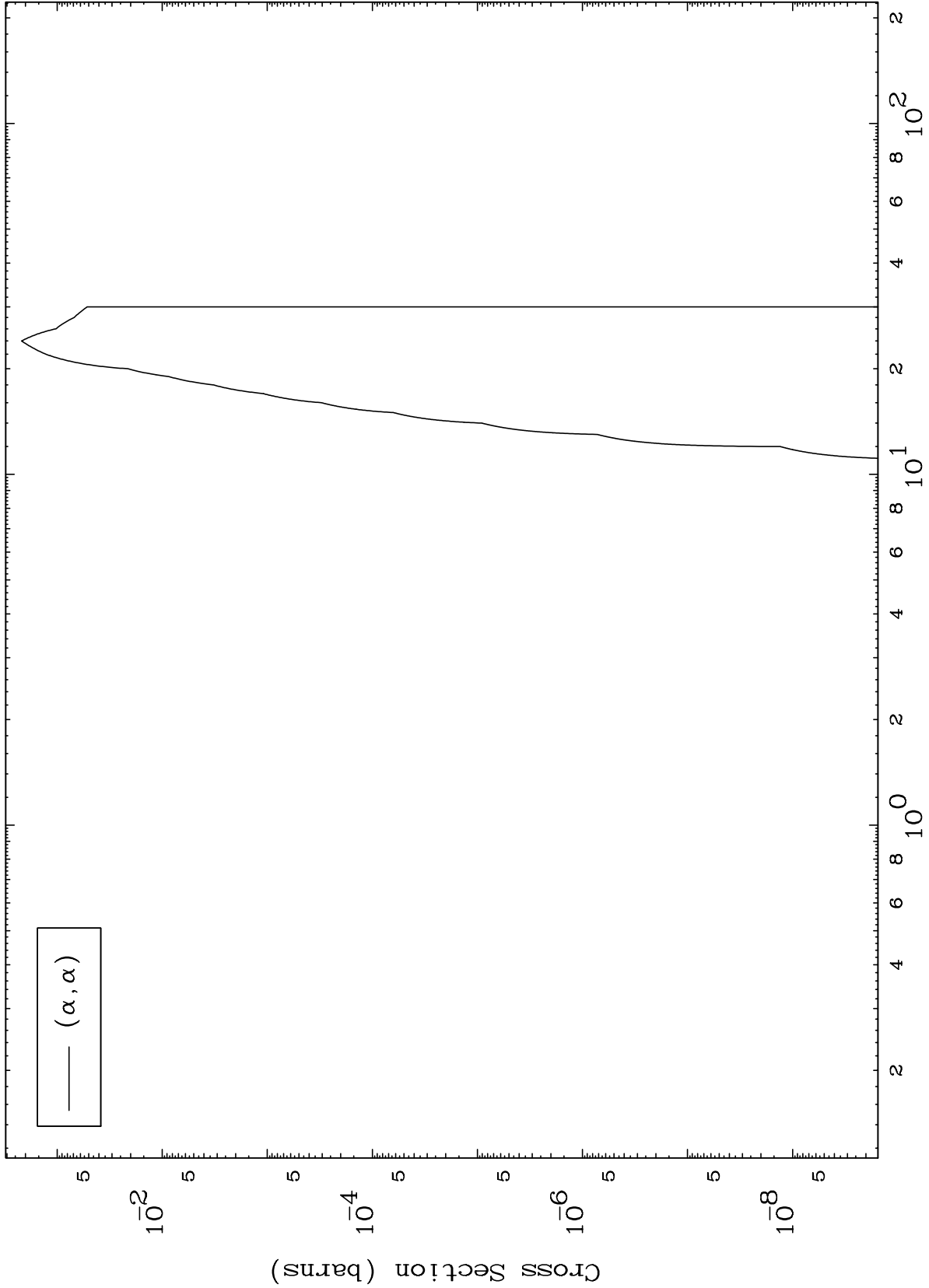


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( $\alpha, \alpha$ ) Levels

48-Cd-115

0 Kelvin Cross Sections



10

Incident Energy (MeV)

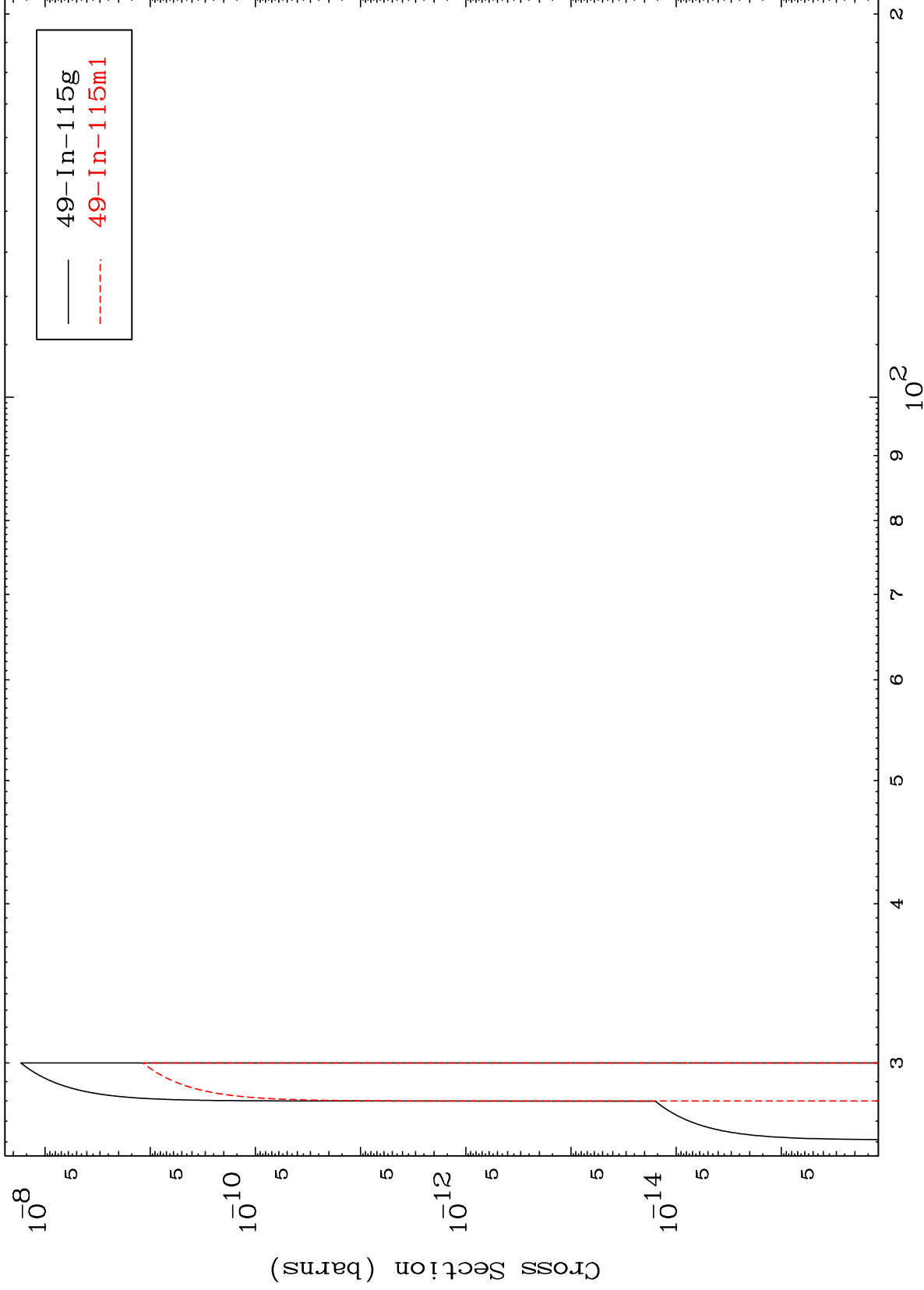
48-Cd-115

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( $\alpha, 2n$ ) d

48-Cd-115

Radionuclide Production Cross Section



11

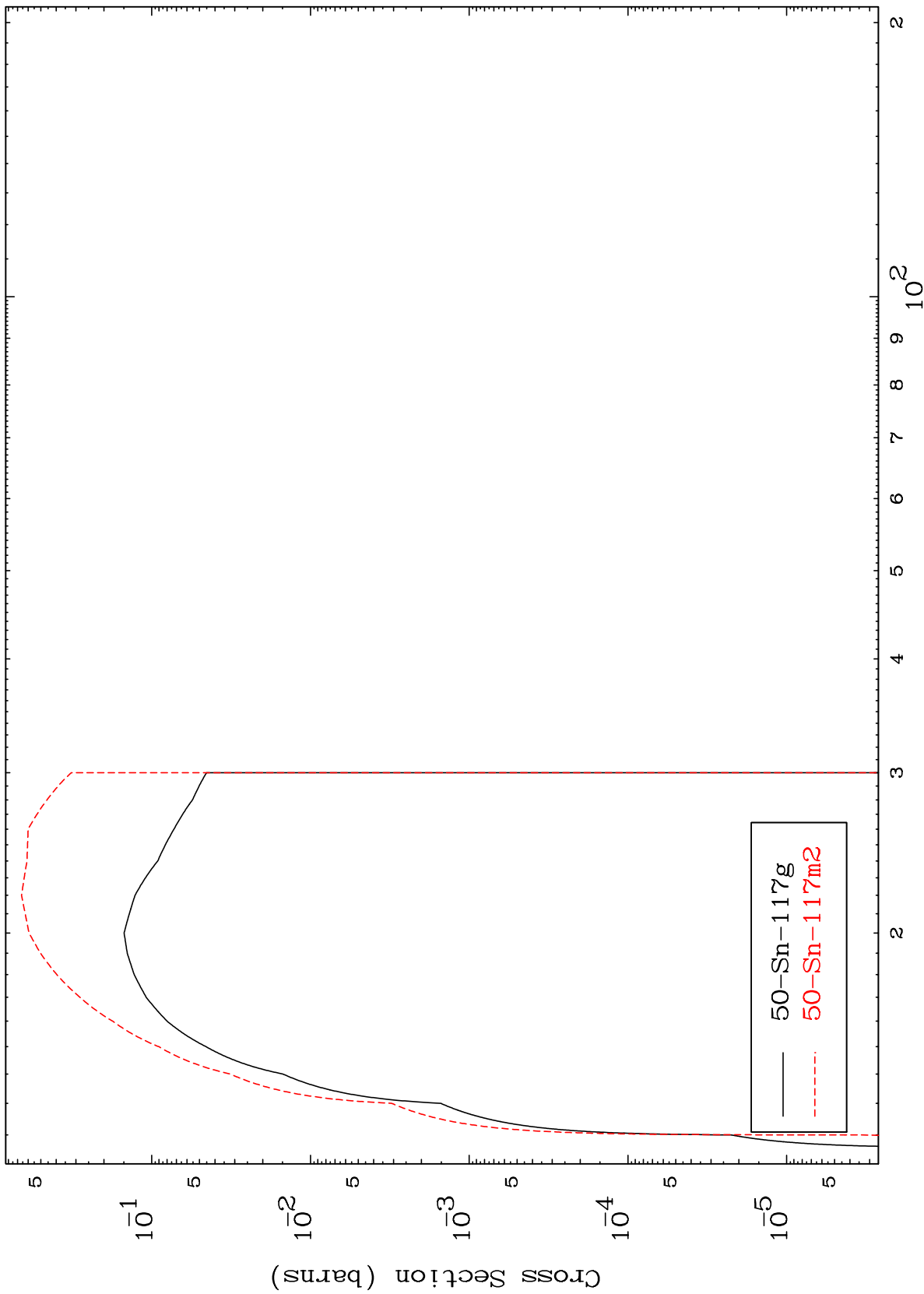
Incident Energy (MeV)

48-Cd-115

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48-Cd-115

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



48-Cd-115

Incident Energy (MeV)

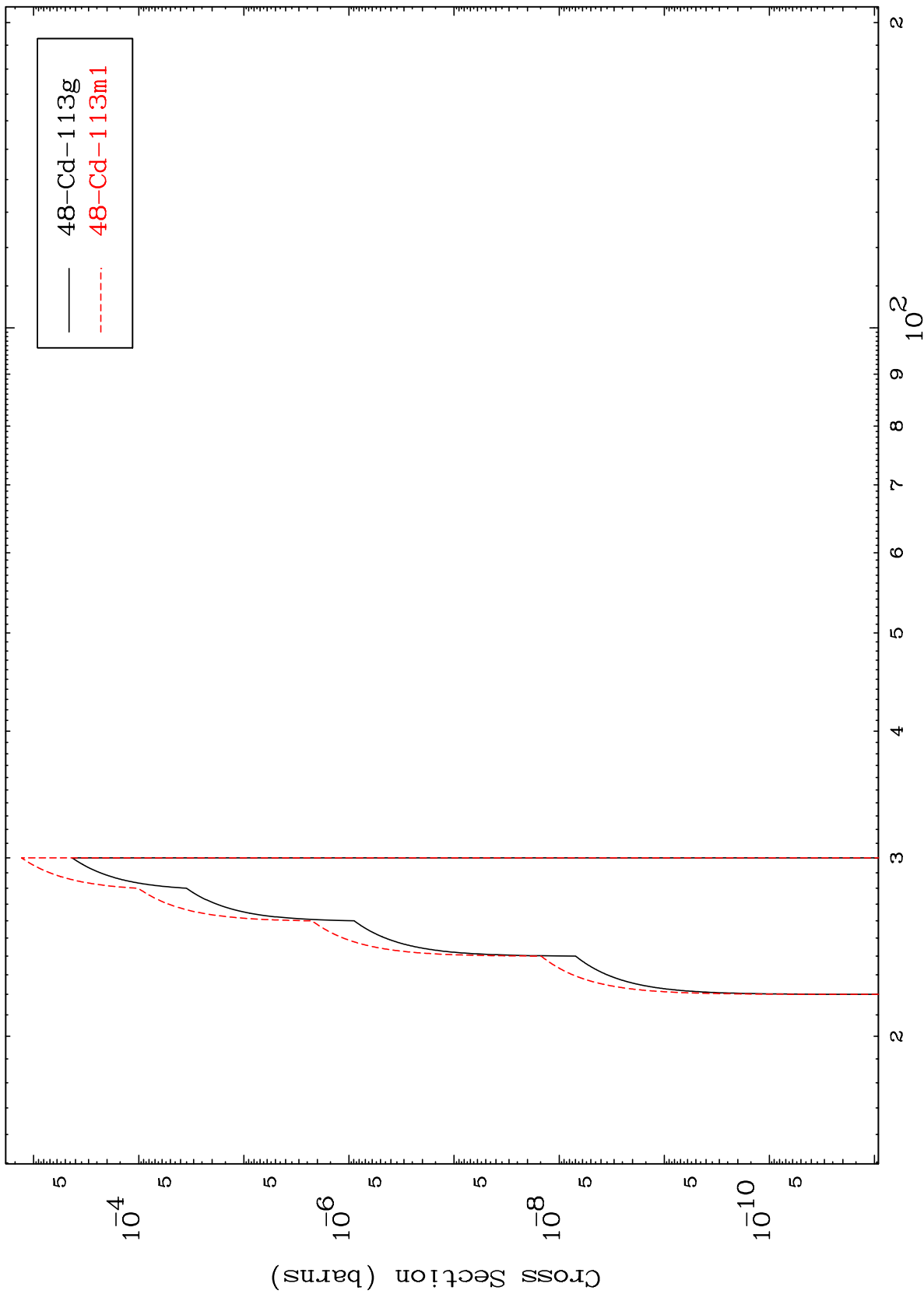
12

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$(\alpha, 2n)$   $\alpha$

48-Cd-115

Radionuclide Production Cross Section



48-Cd-113g  
48-Cd-113m1

13

Incident Energy (MeV)

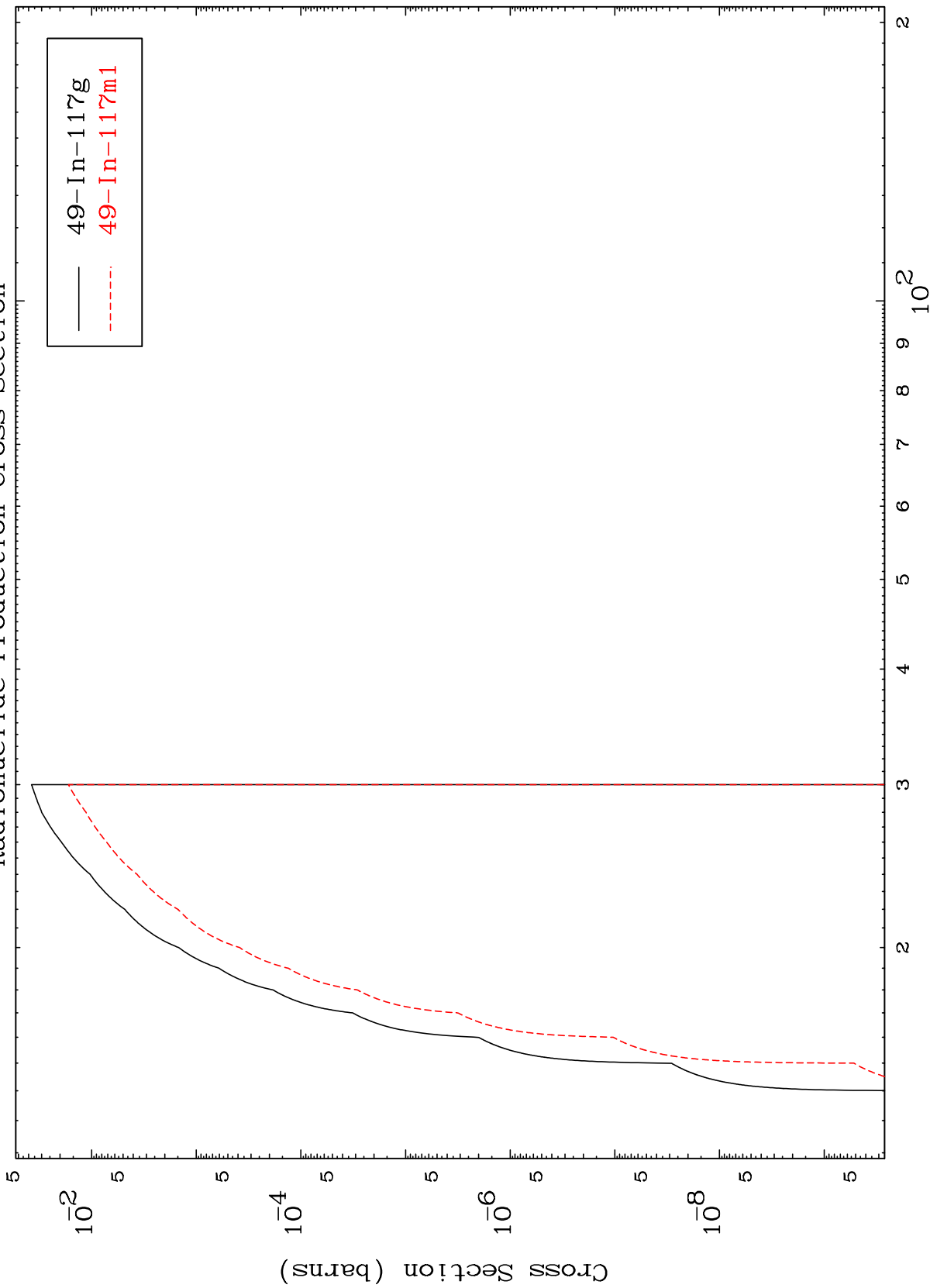
48-Cd-115

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$(\alpha, n')$  p

48-Cd-115

Radionuclide Production Cross Section



14

Incident Energy (MeV)

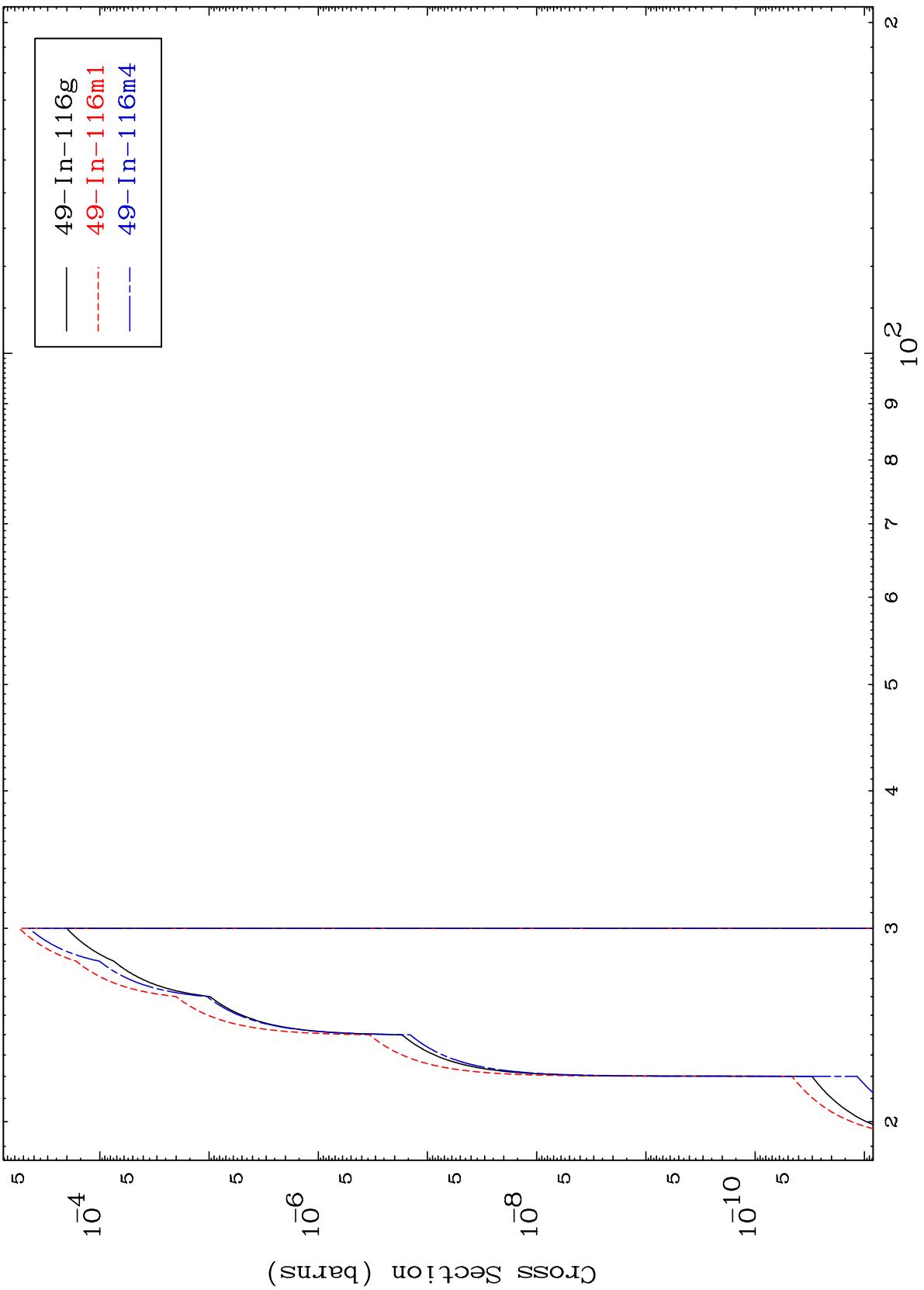
48-Cd-115

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$(\alpha, n')$  d

48-Cd-115

Radionuclide Production Cross Section



15

Incident Energy (MeV)

48-Cd-115

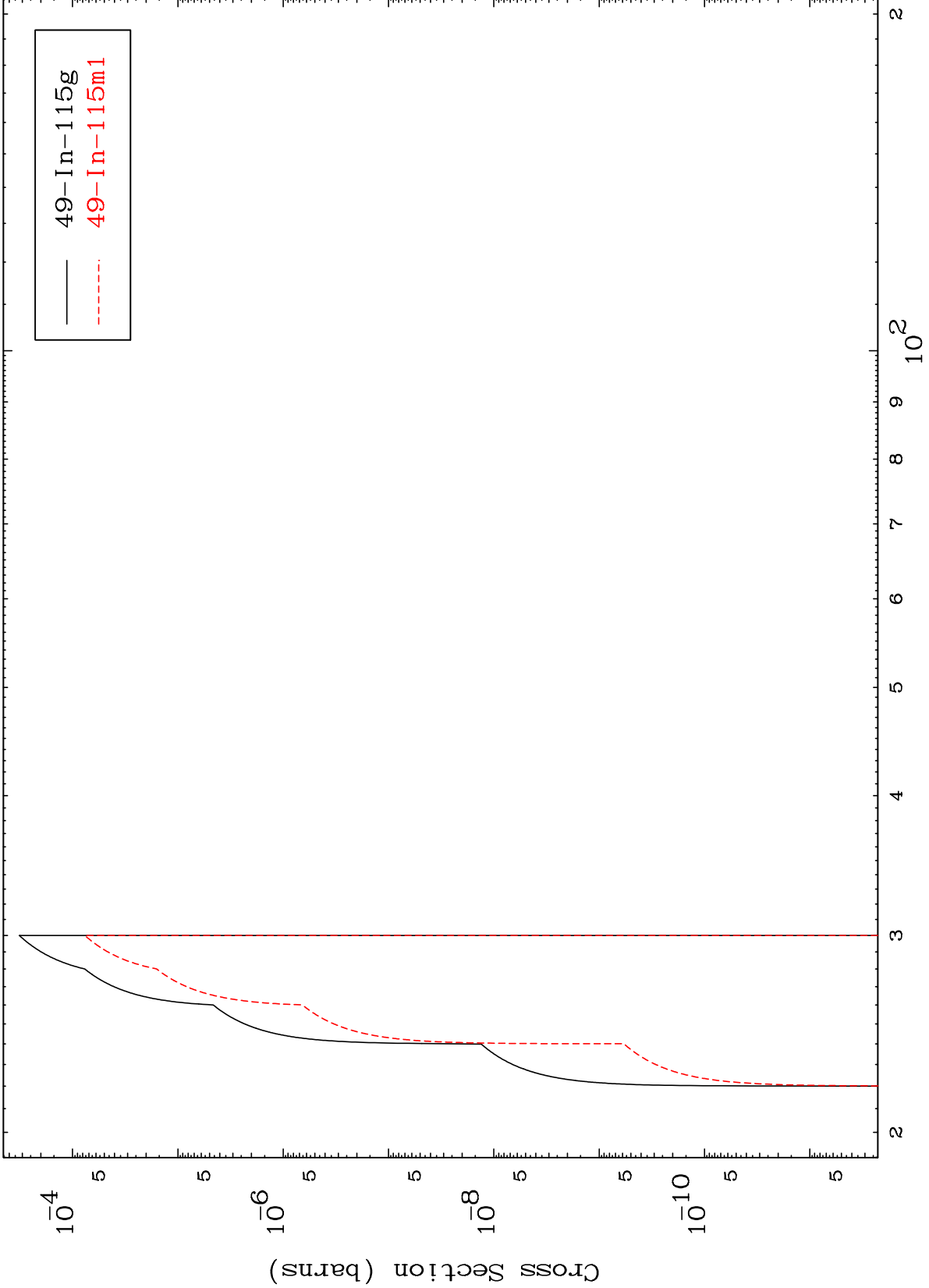


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( $\alpha, n'$ ) t

48-Cd-115

Radionuclide Production Cross Section



16

Incident Energy (MeV)

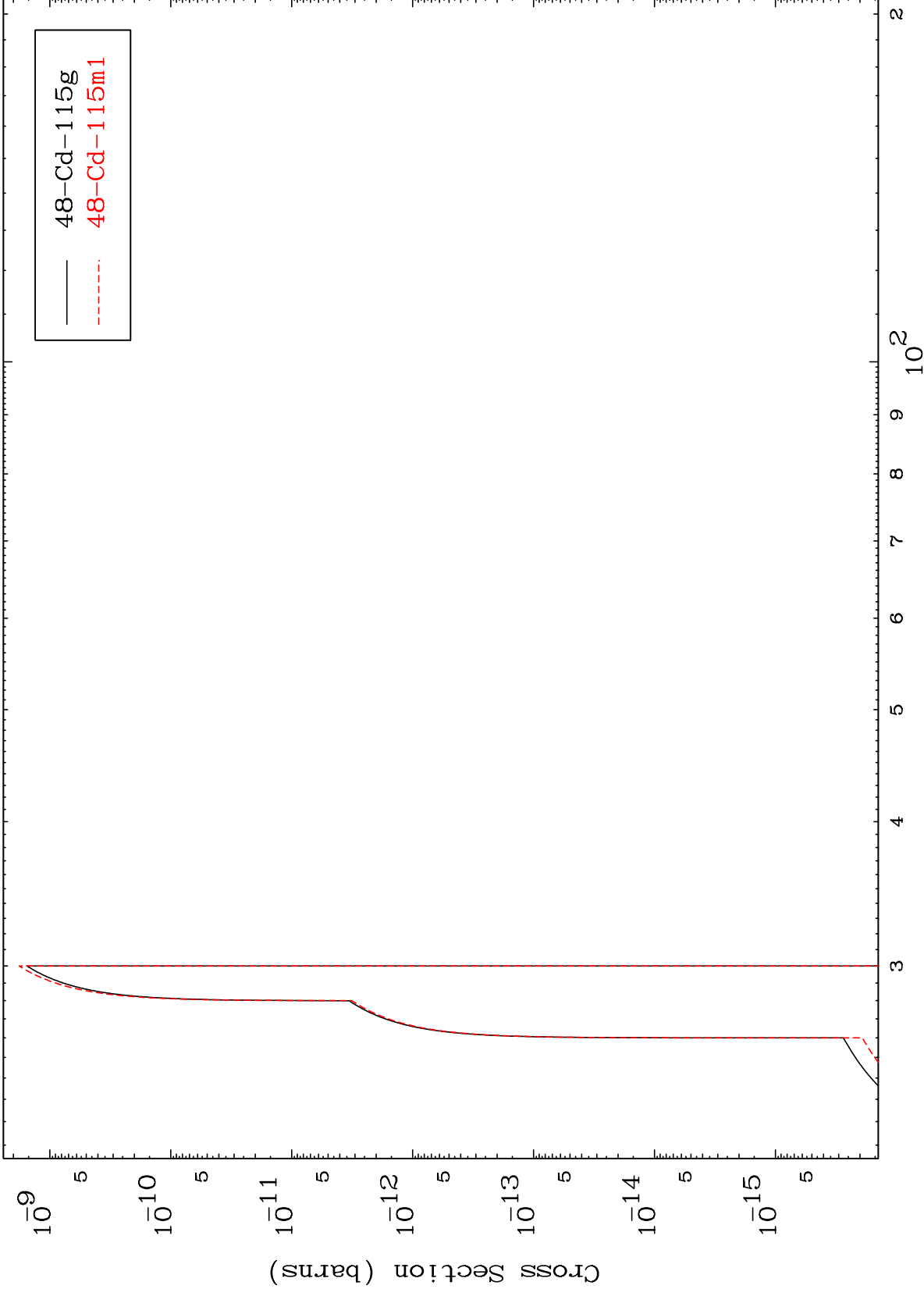
48-Cd-115

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

48-Cd-115

Radionuclide Production Cross Section



17

Incident Energy (MeV)

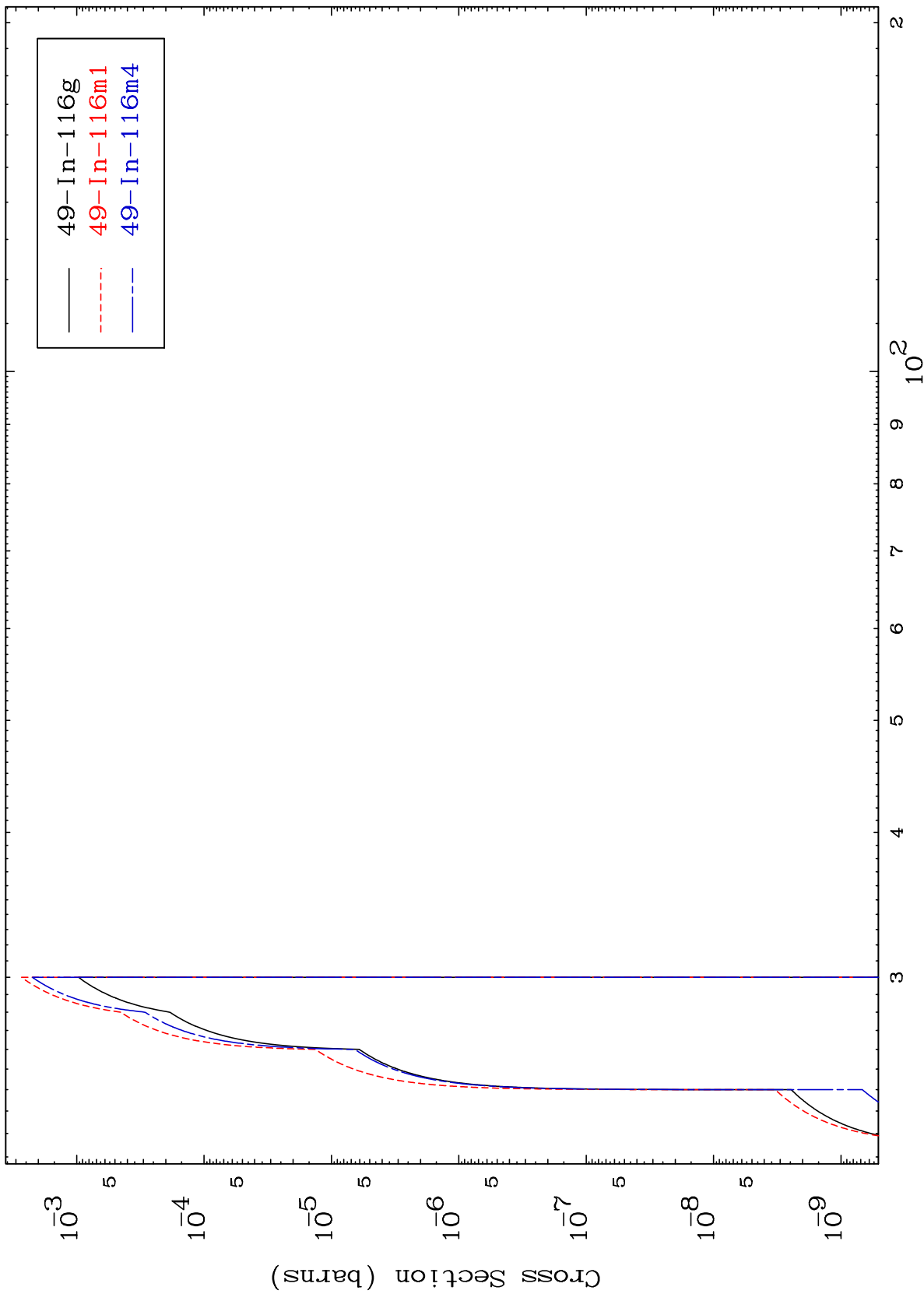
48-Cd-115

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$(\alpha, 2n)$  p

48-Cd-115

Radionuclide Production Cross Section



18

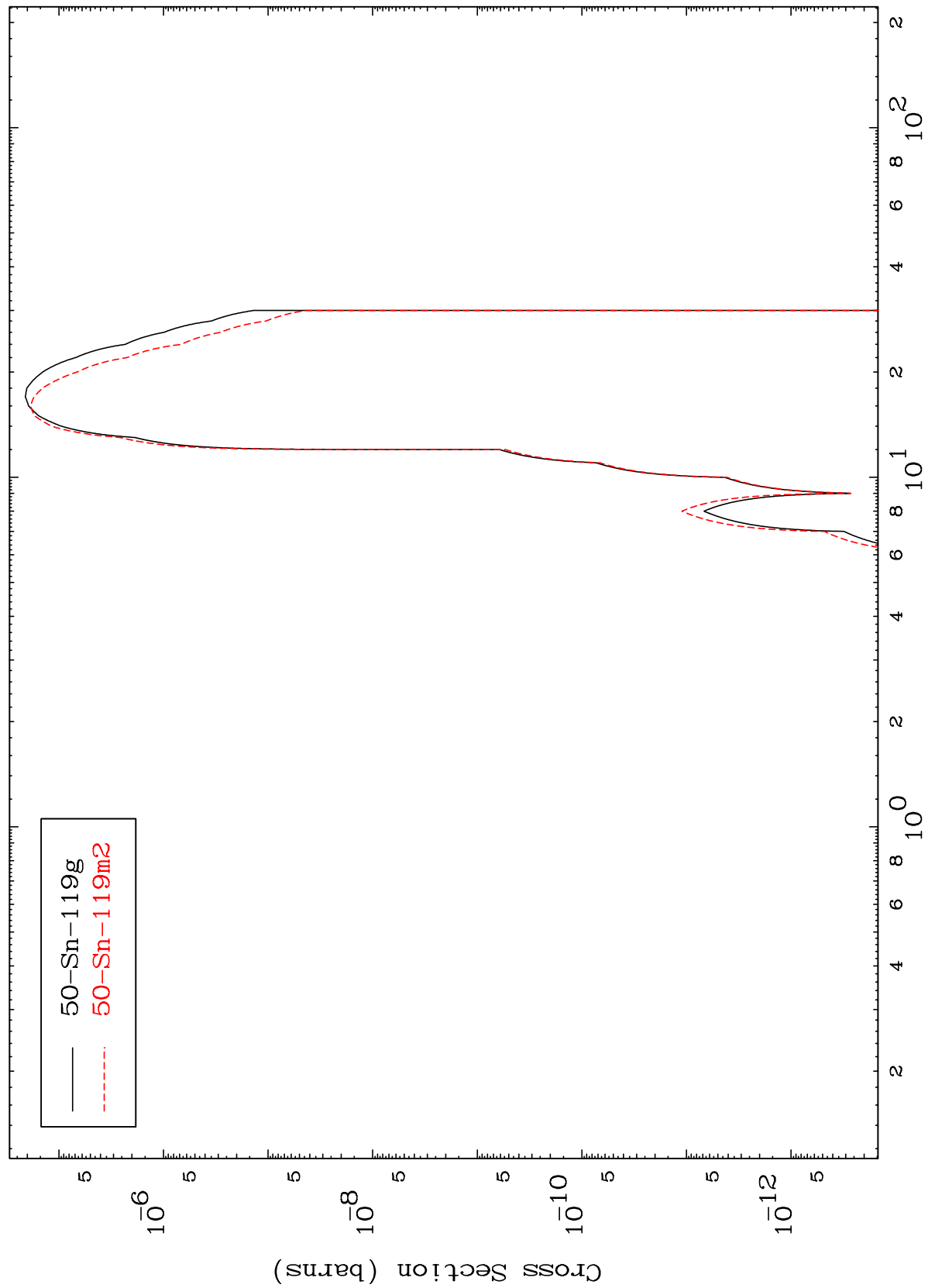
Incident Energy (MeV)

48-Cd-115

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48-Cd-115

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



— 50-Sn-119g  
- - - 50-Sn-119m2

48-Cd-115

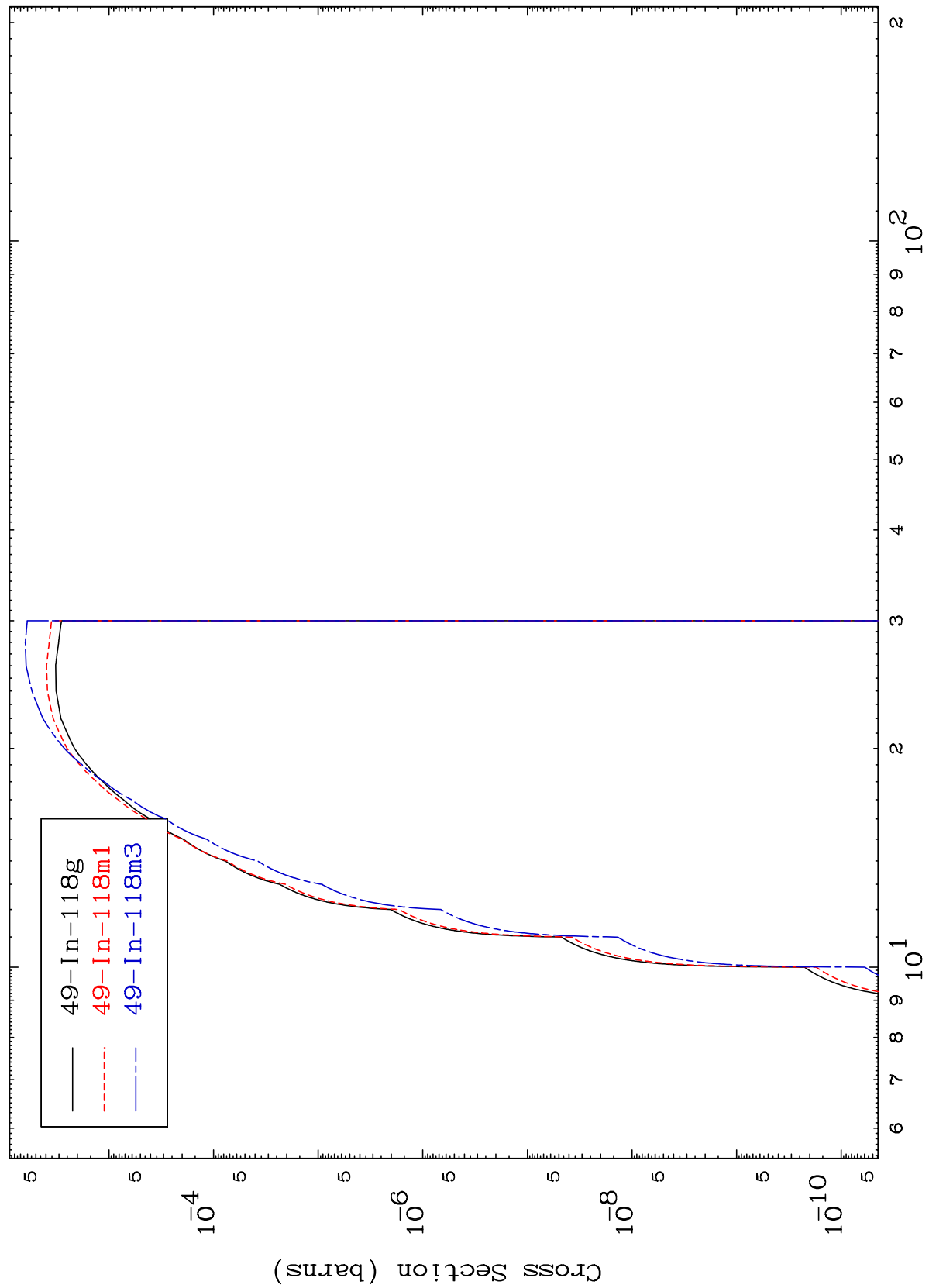
Incident Energy (MeV)

19

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48-Cd-115

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



49-In-118g  
49-In-118m1  
49-In-118m3

20

Incident Energy (MeV)

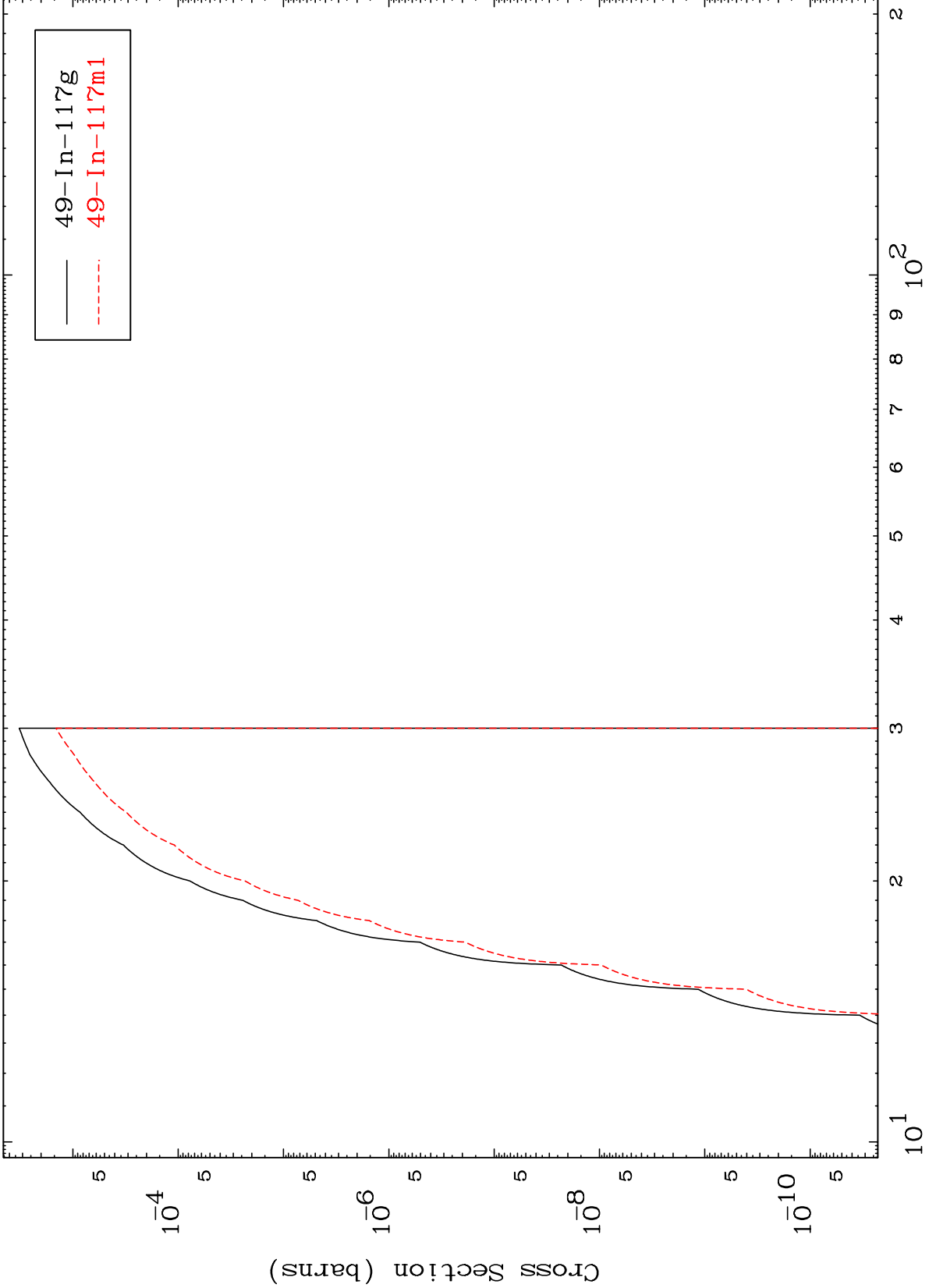
48-Cd-115

MAT 4853

( $\alpha, d$ )

48-Cd-115

Radionuclide Production Cross Section

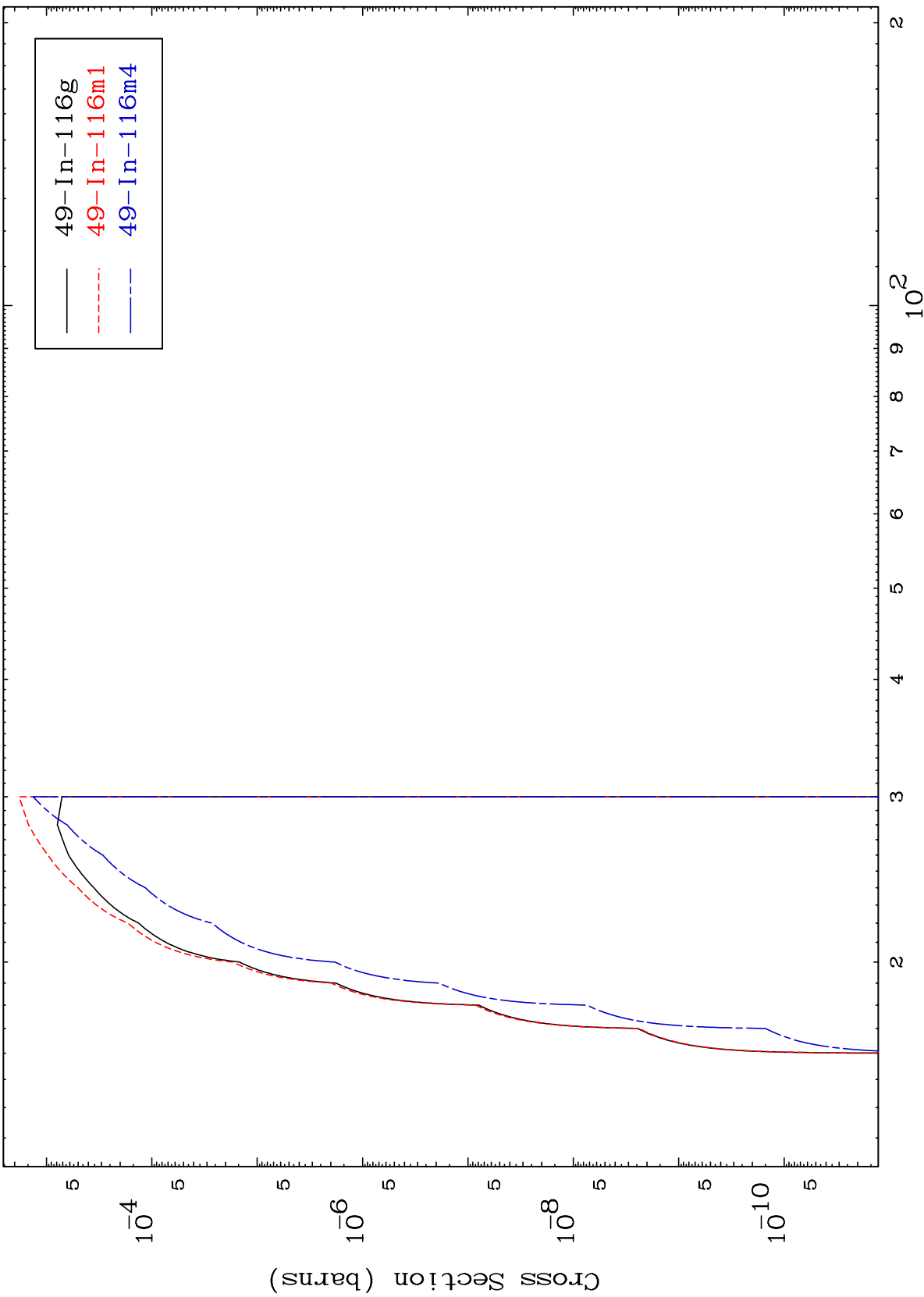


21

Incident Energy (MeV)

48-Cd-115

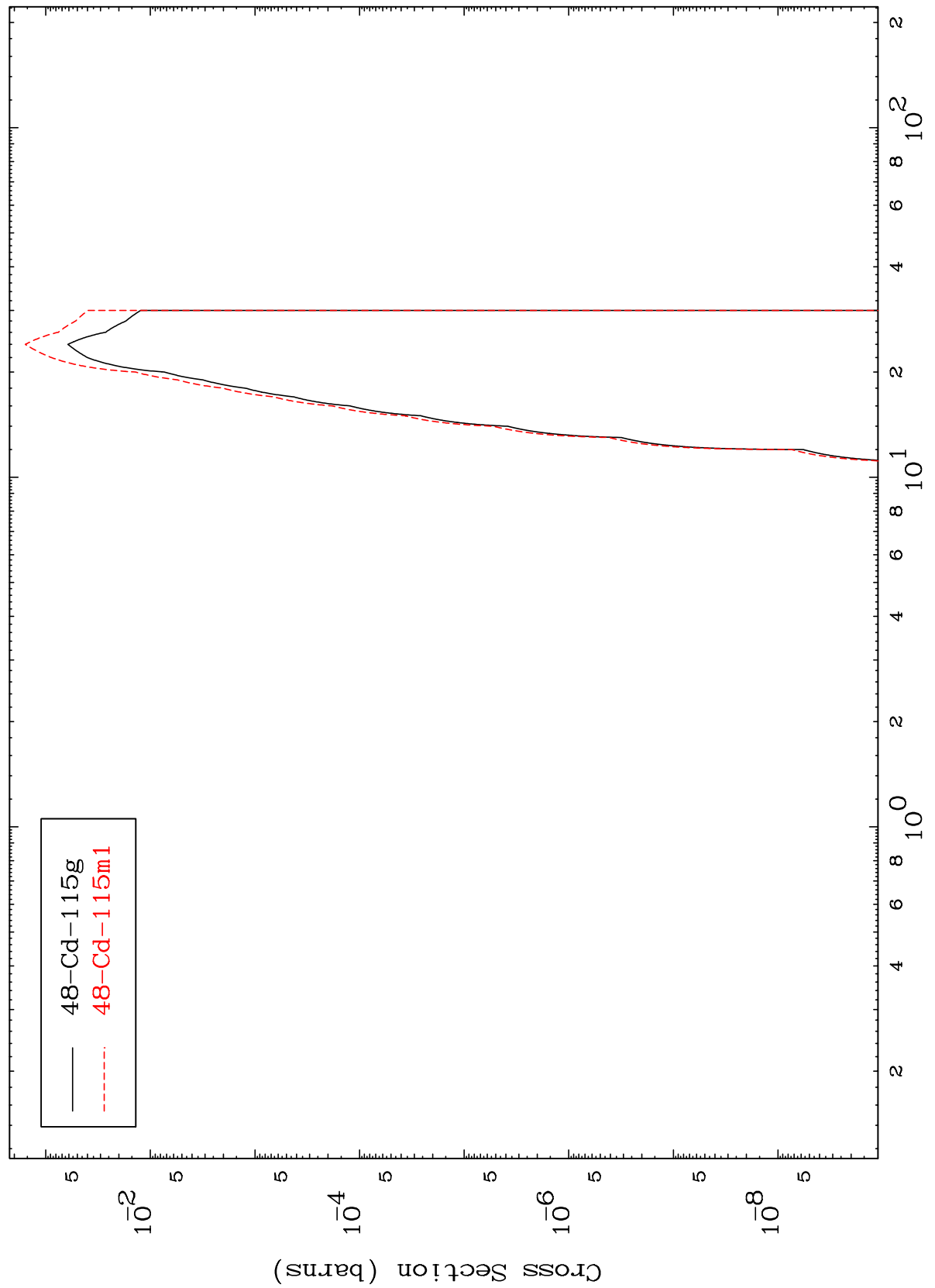
Radionuclide Production Cross Section



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48-Cd-115

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

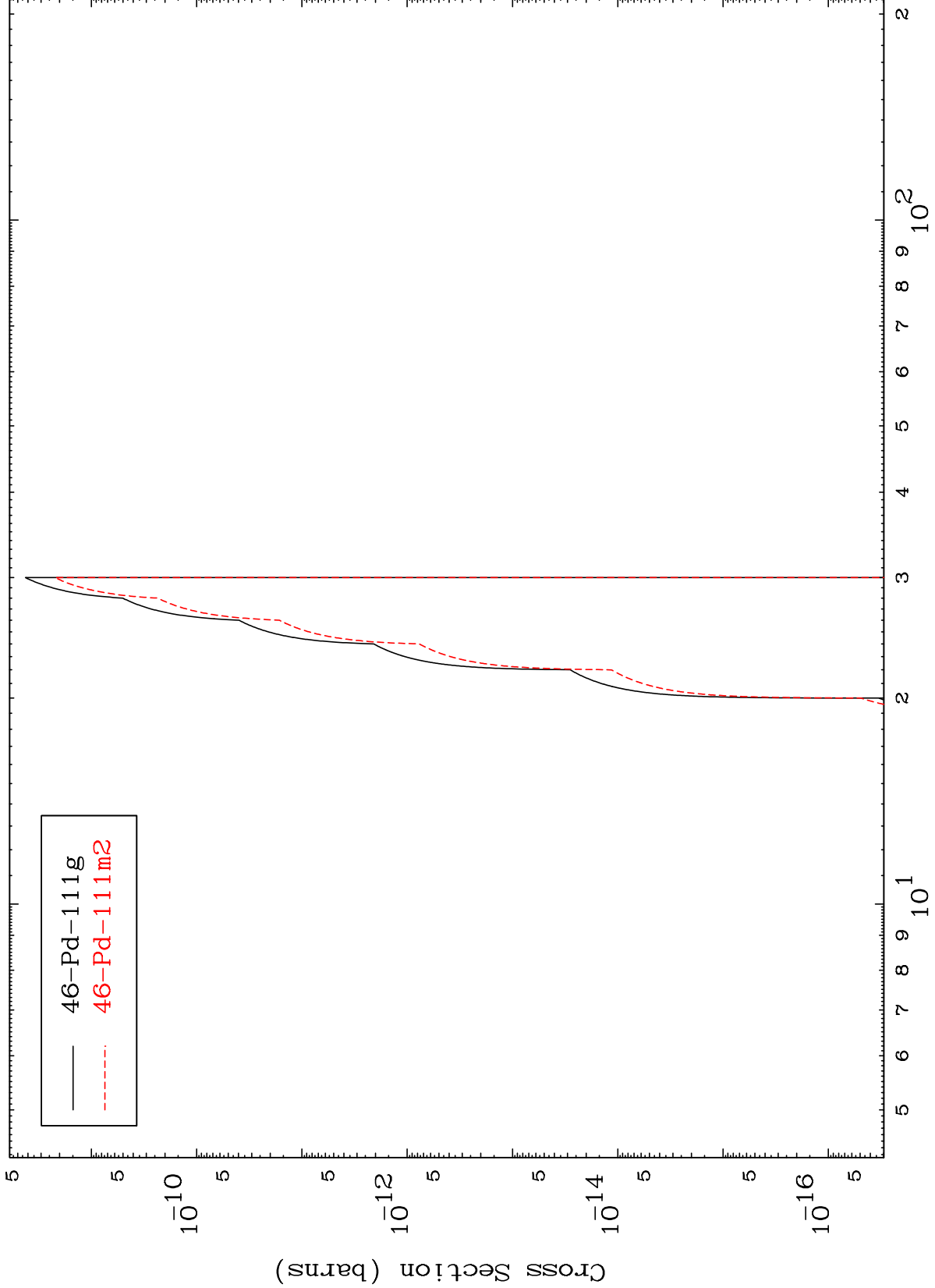




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48-Cd-115

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



— 46-Pd-111g  
- - - 46-Pd-111m2

24

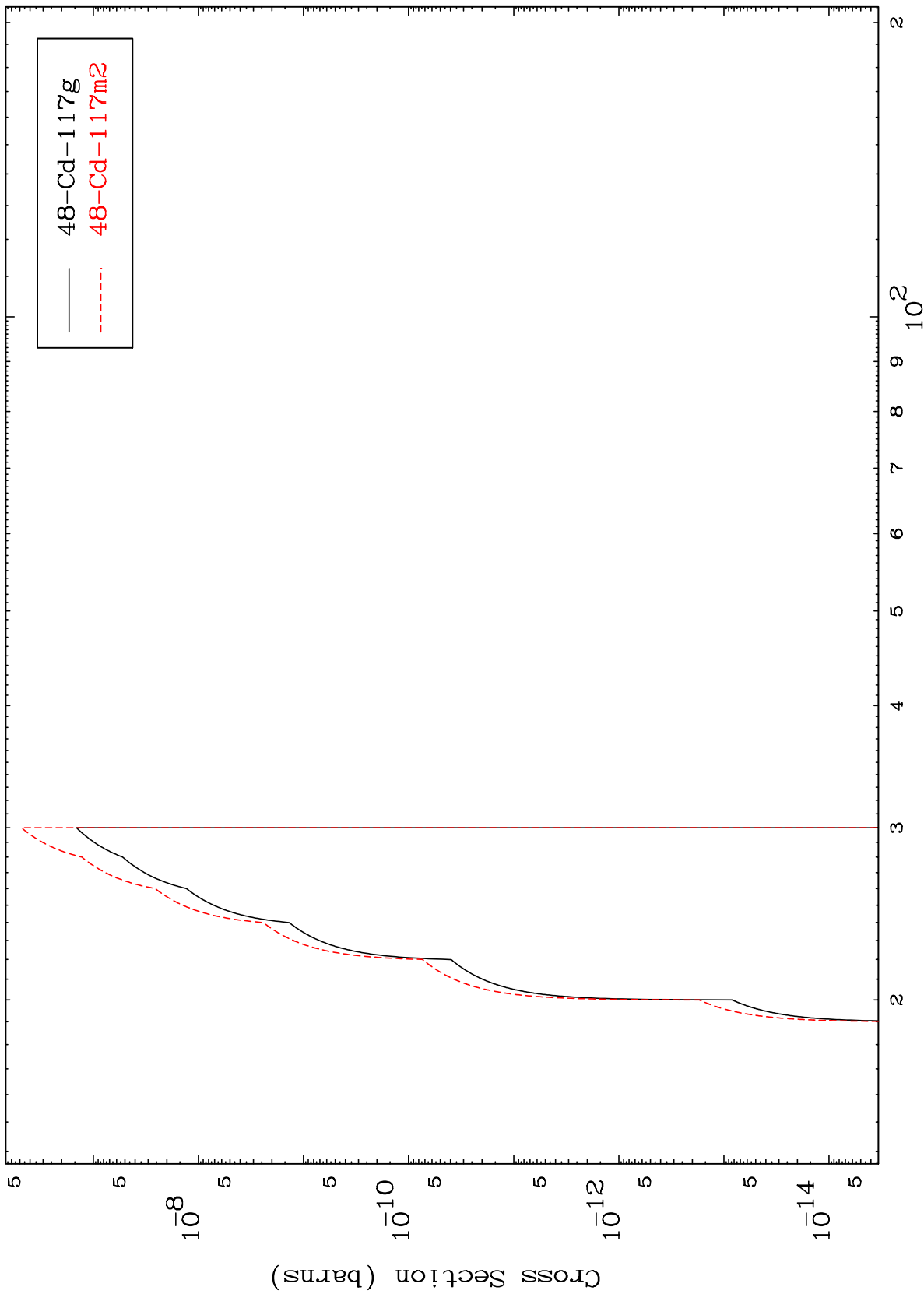
Incident Energy (MeV)

48-Cd-115

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48-Cd-115

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



— 48-Cd-117g  
- - - 48-Cd-117m2

25

Incident Energy (MeV)

48-Cd-115