

Program EVALPLOT  
(Version 2018-1)

by

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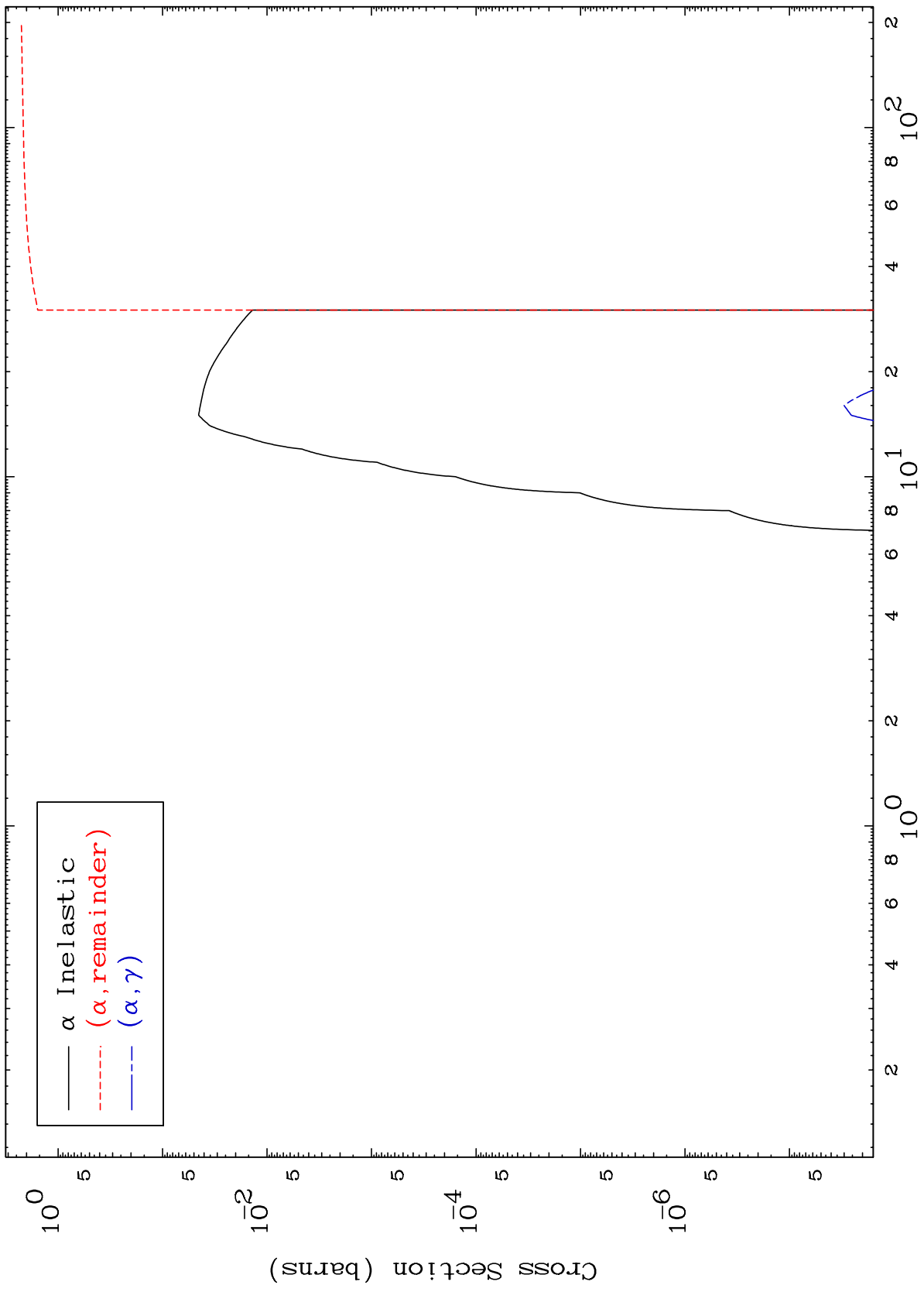
Press Mouse Button to Start

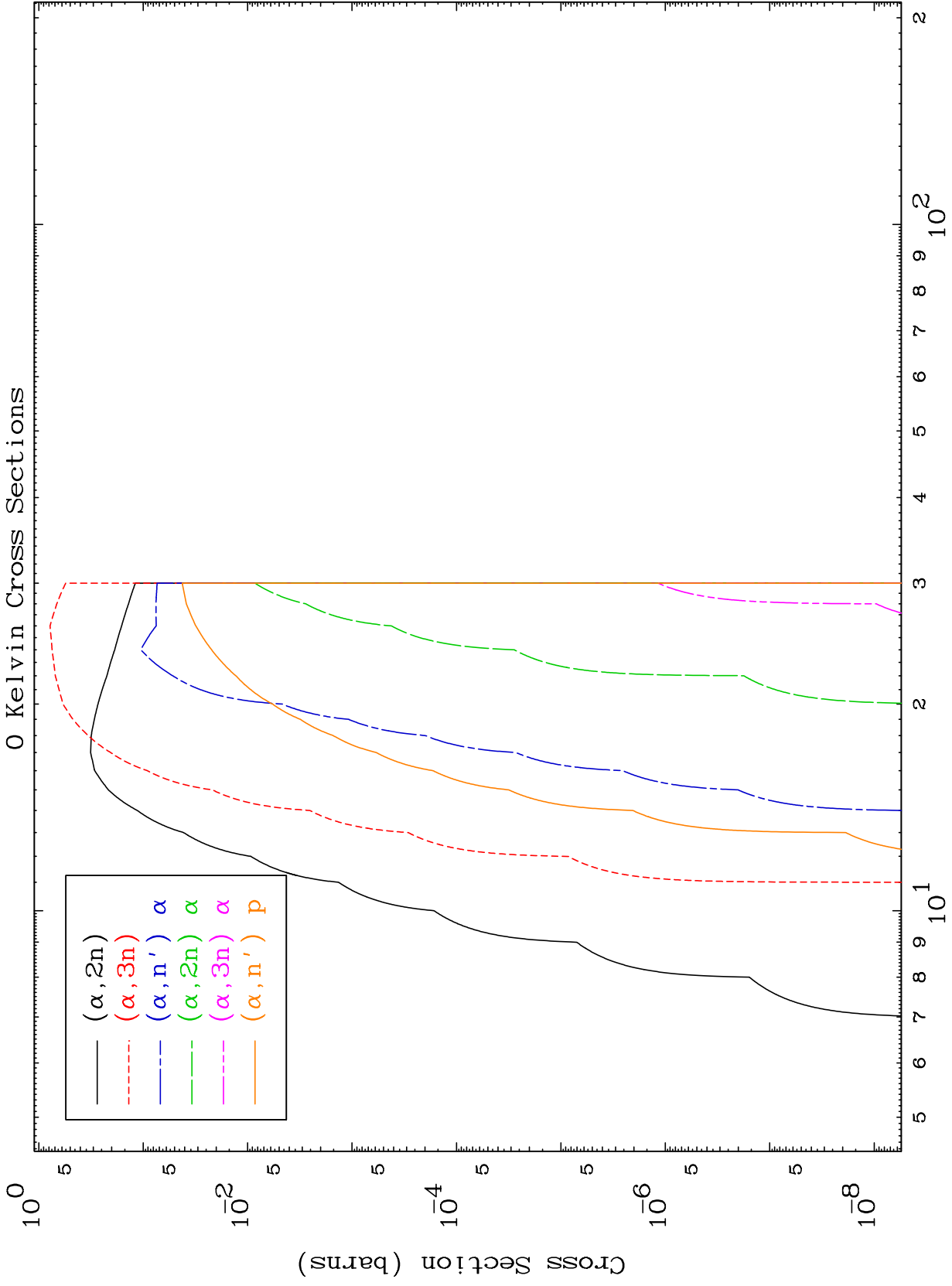
MAT 4877

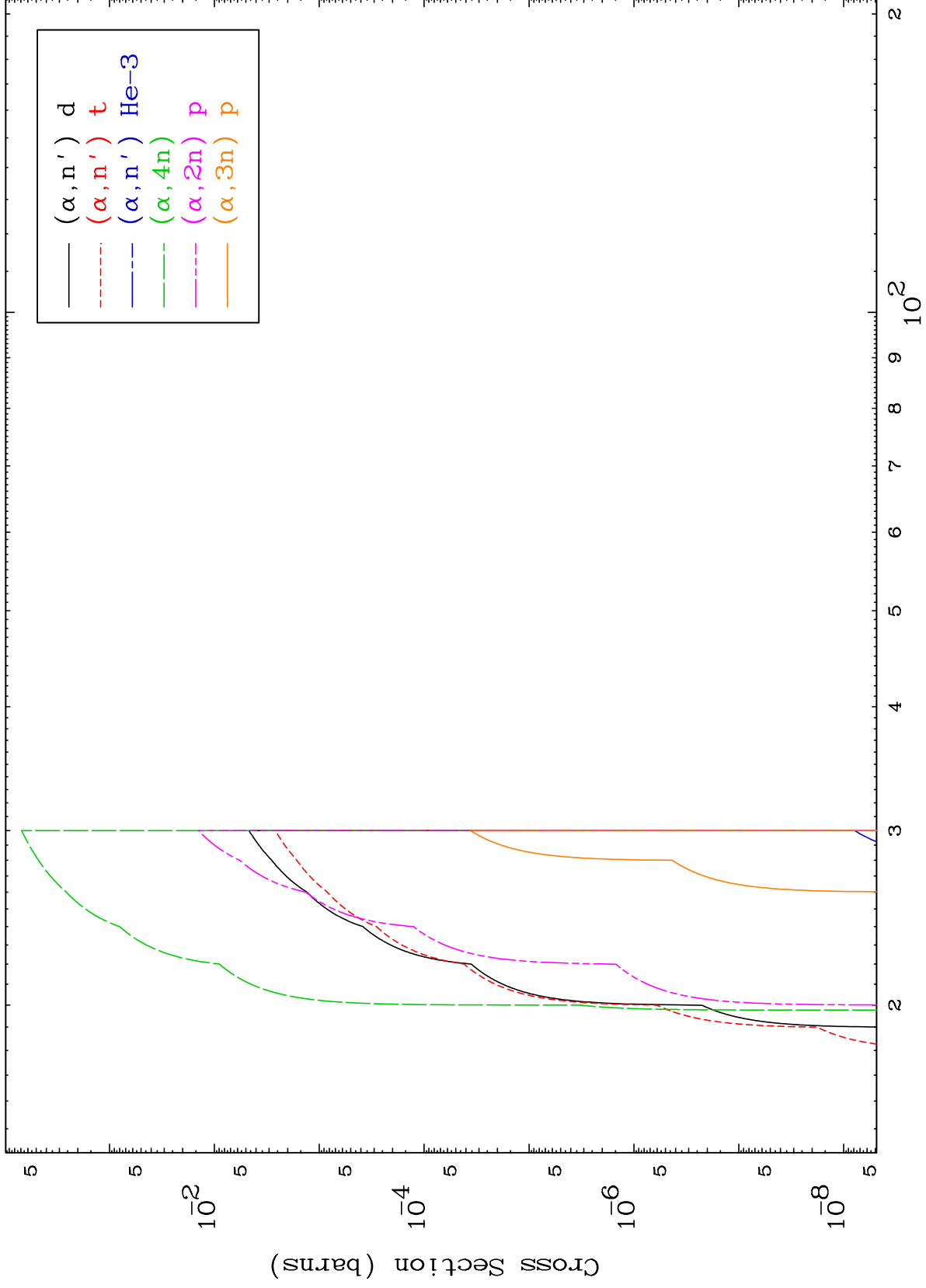
$\alpha$  Major

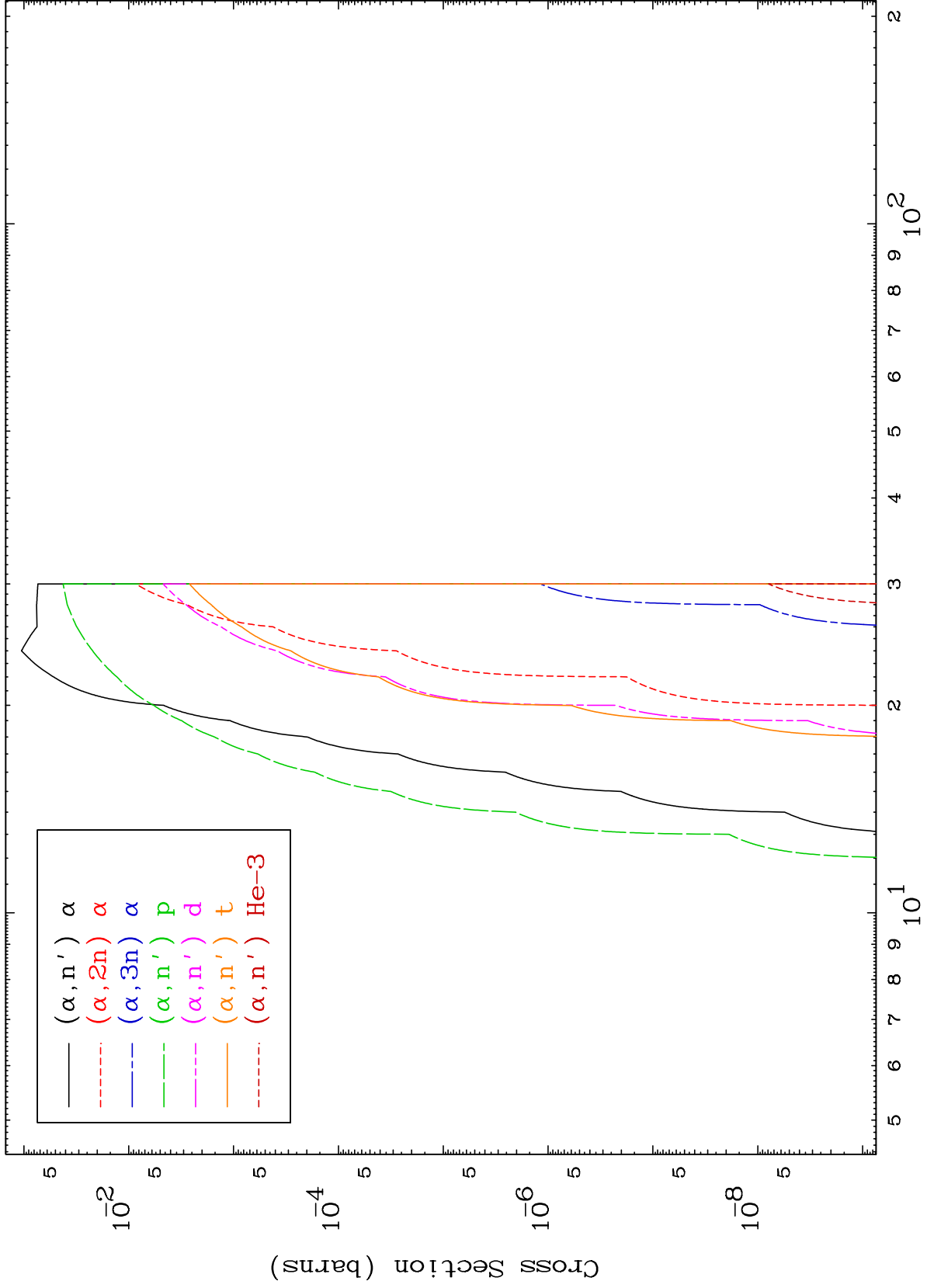
48-Cd-123

0 Kelvin Cross Sections







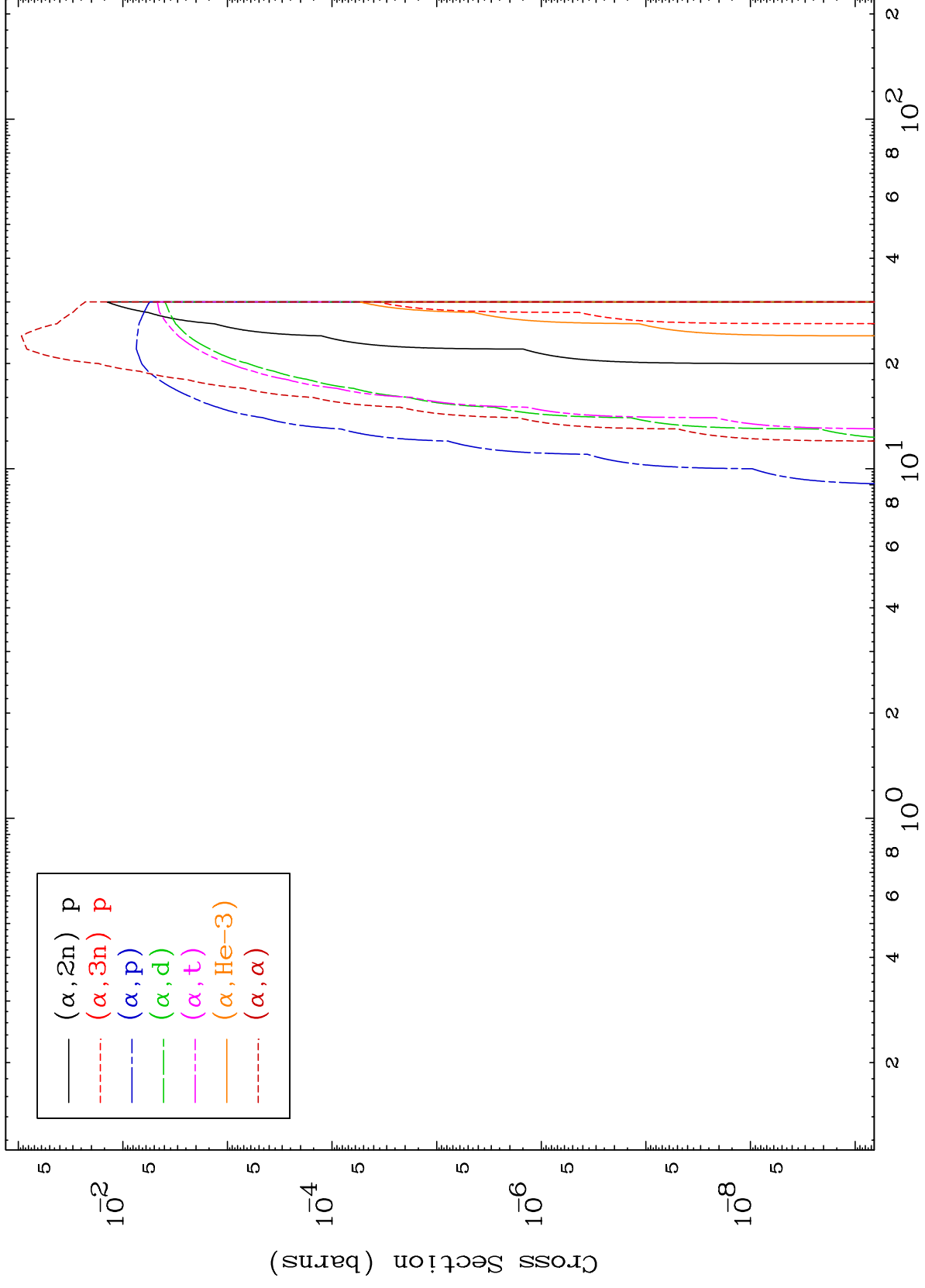


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$\alpha$  Charged Particle

48-Cd-123

0 Kelvin Cross Sections



5

Incident Energy (MeV)

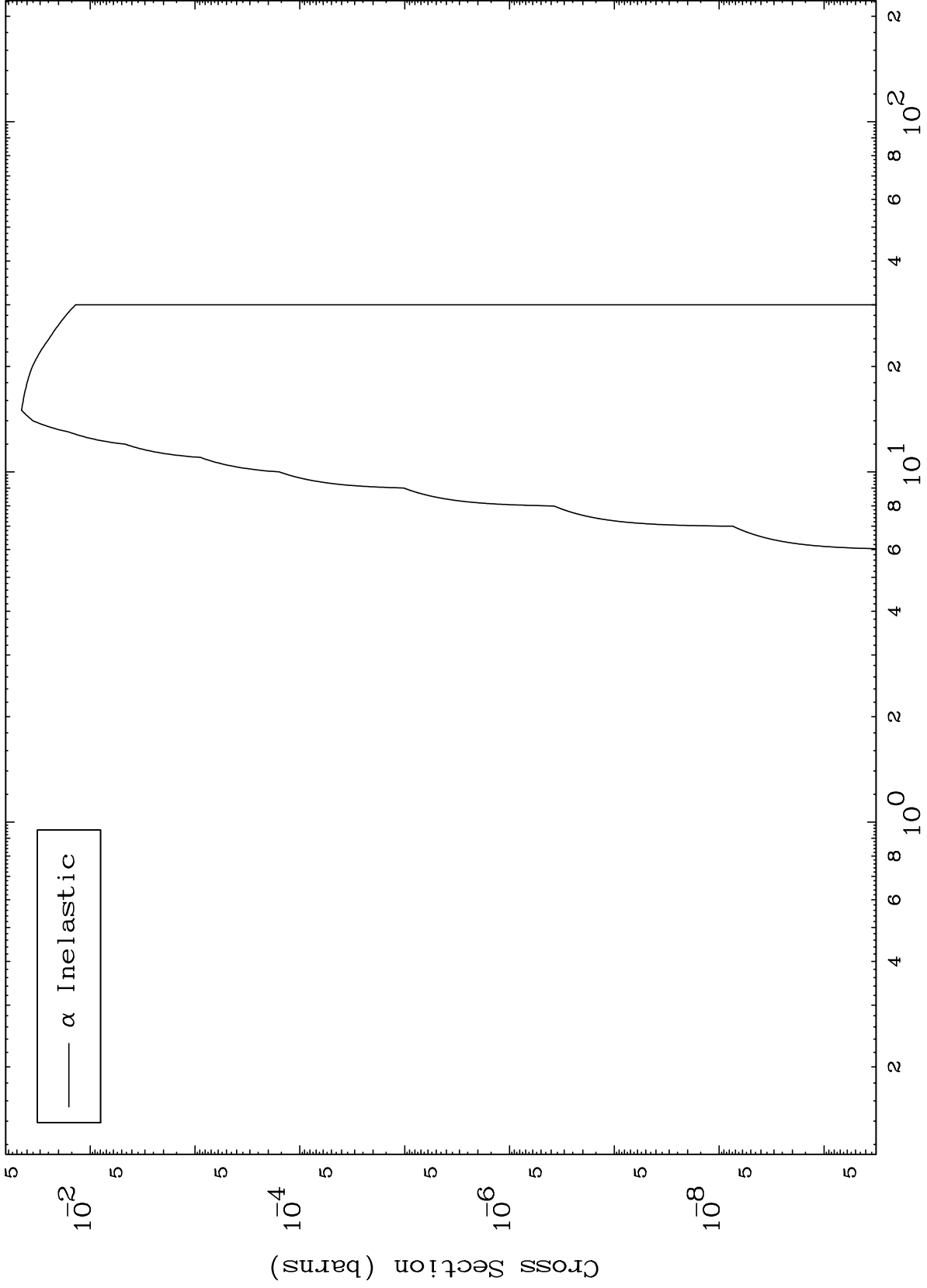
48-Cd-123

MAT 4877

( $\alpha, n'$ ) Level

48-Cd-123

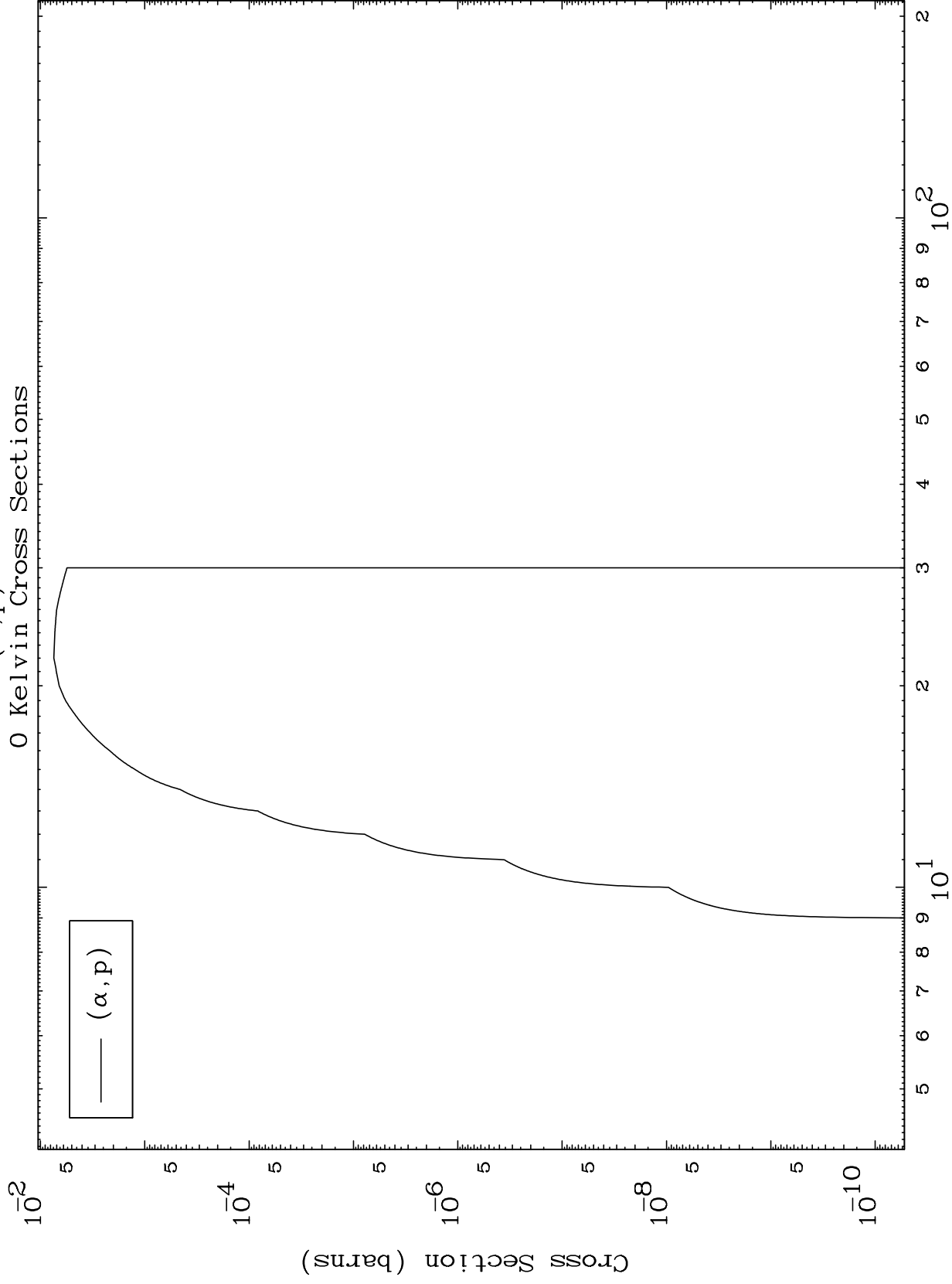
0 Kelvin Cross Sections



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( $\alpha, p$ ) Levels

48-Cd-123



7

Incident Energy (MeV)

48-Cd-123

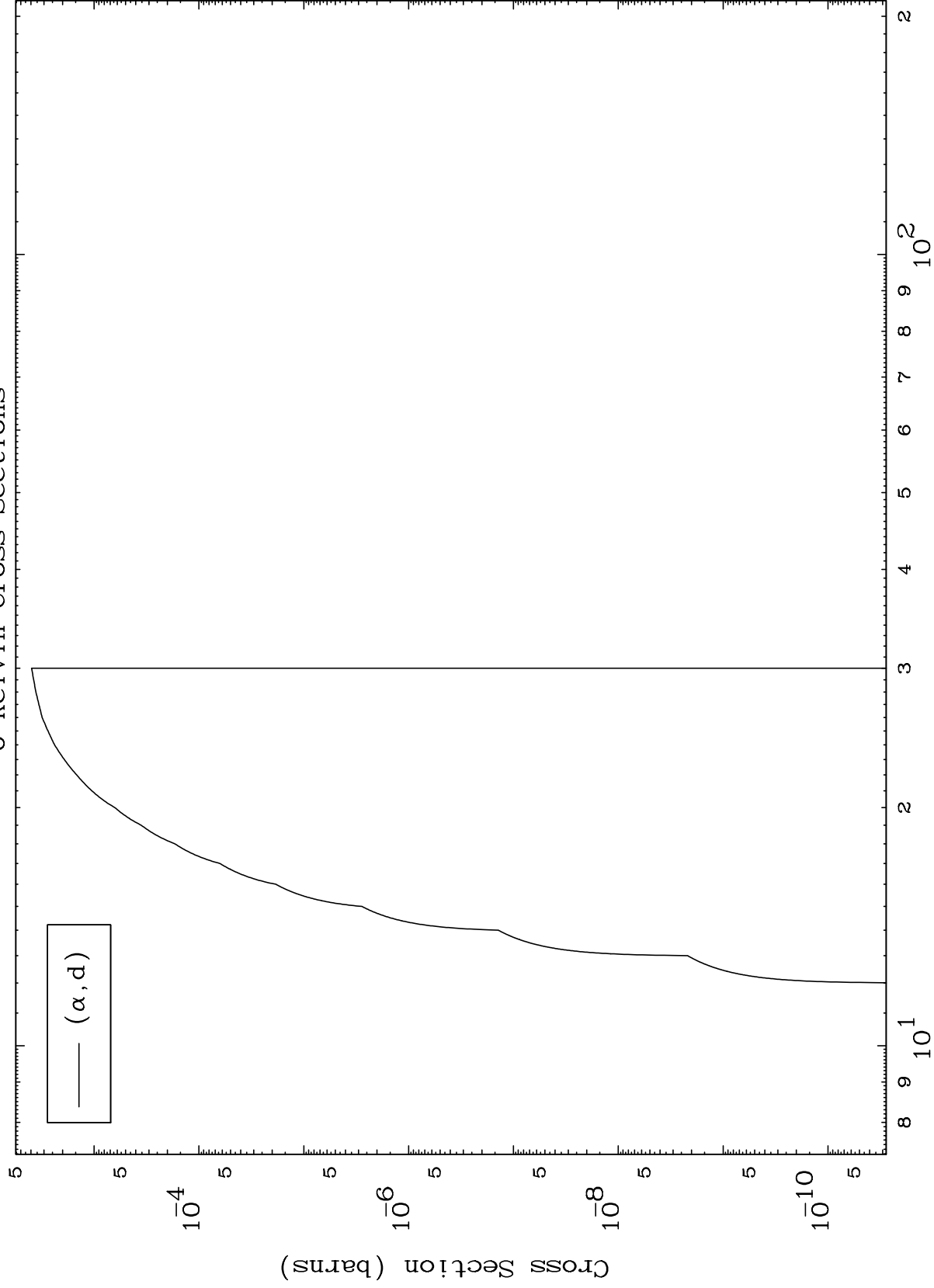


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( $\alpha, d$ ) Levels

48-Cd-123

0 Kelvin Cross Sections



8

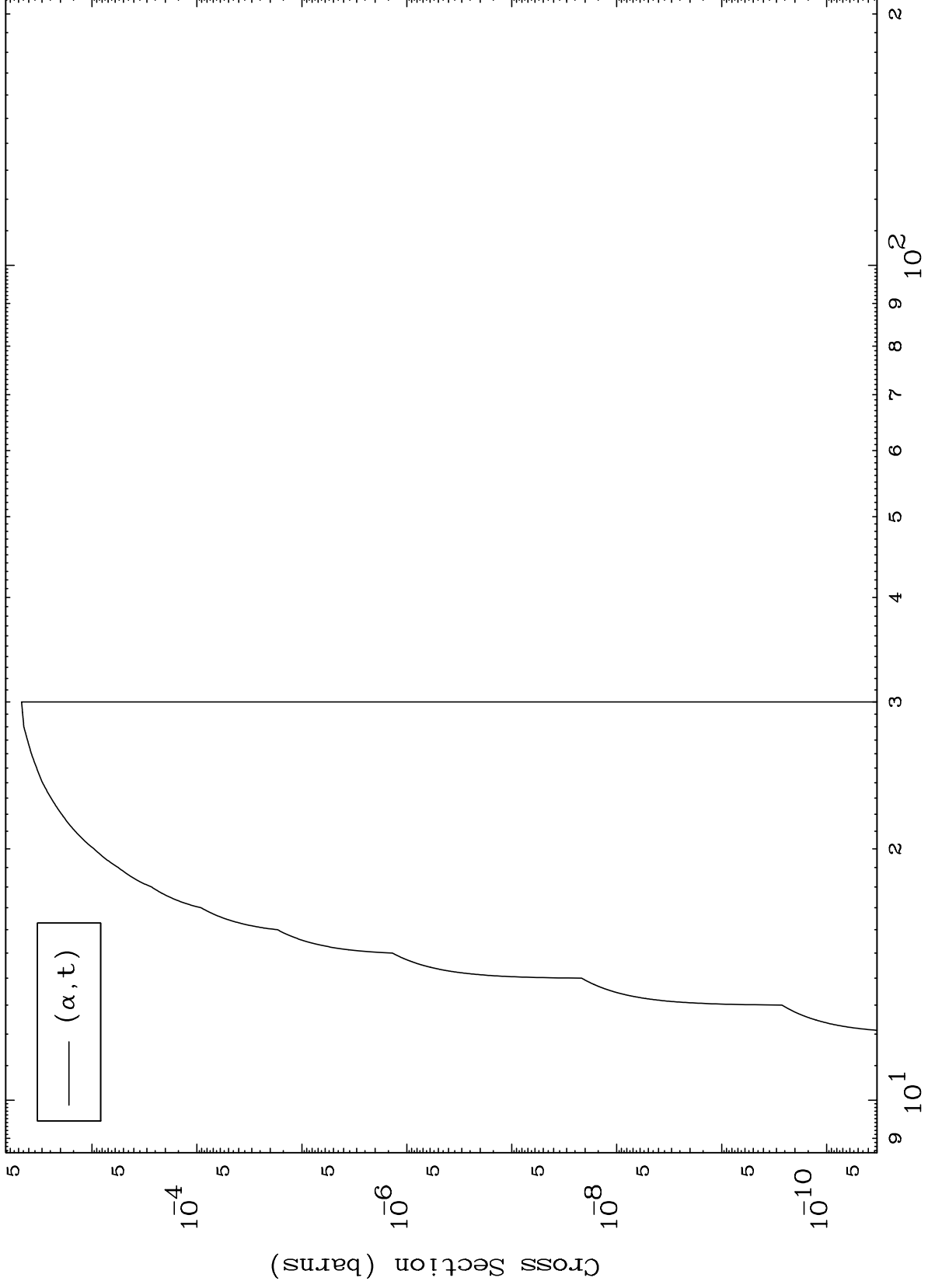
Incident Energy (MeV)

48-Cd-123

MAT 48777

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

48-Cd-123



9

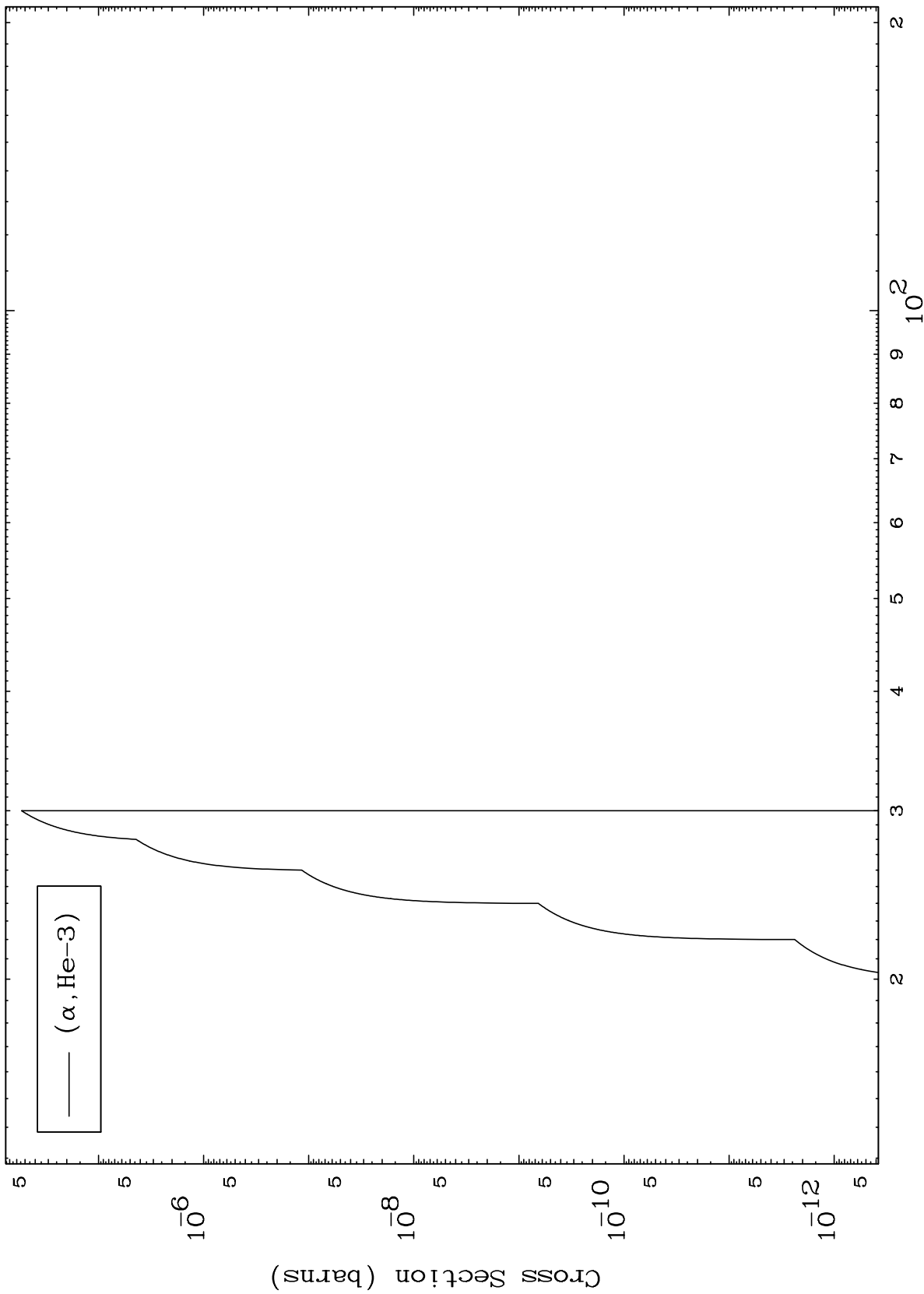
Incident Energy (MeV)

48-Cd-123

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48-Cd-123

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



48-Cd-123

Incident Energy (MeV)

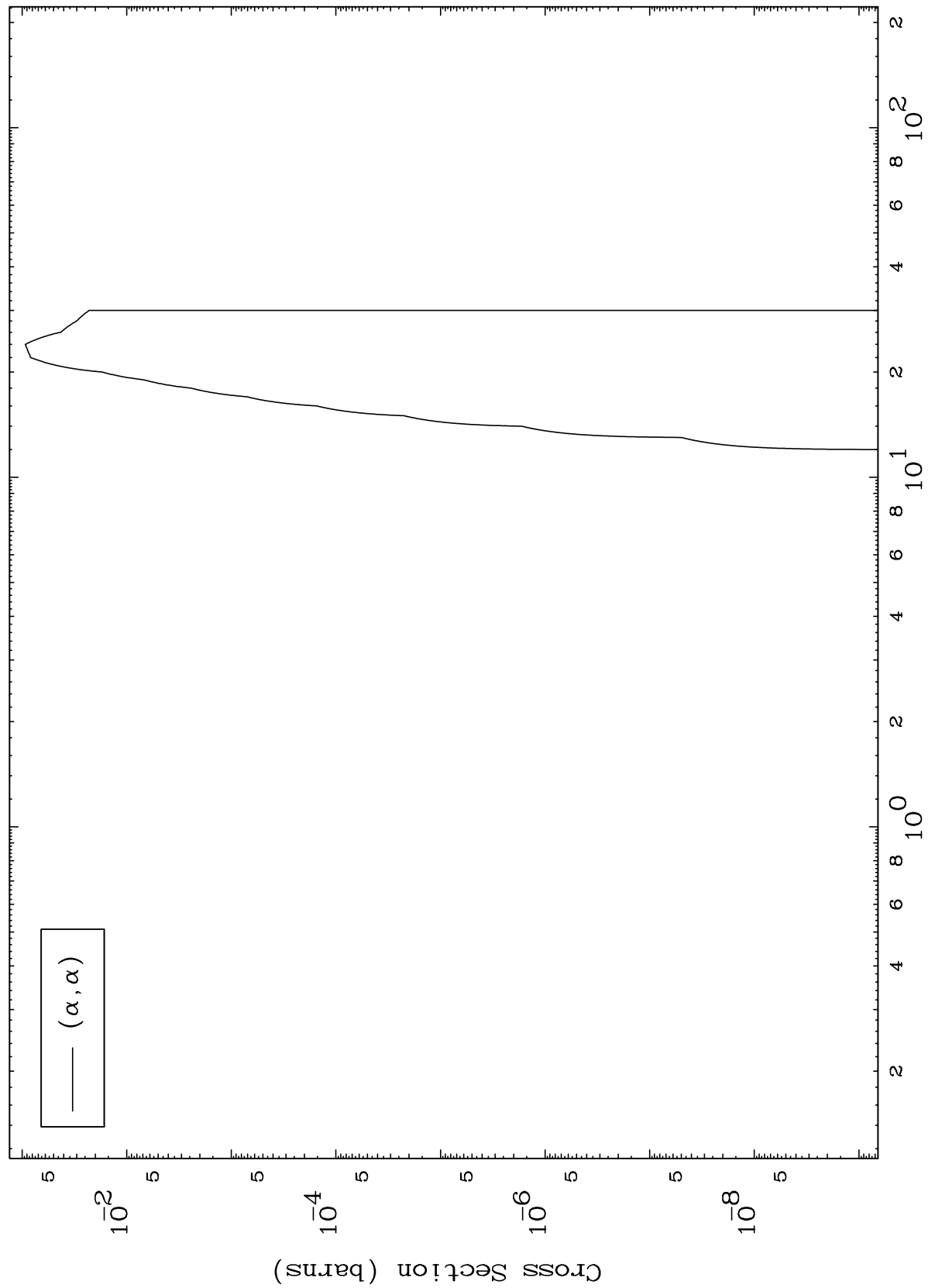
10

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( $\alpha, \alpha$ ) Levels

48-Cd-123

0 Kelvin Cross Sections

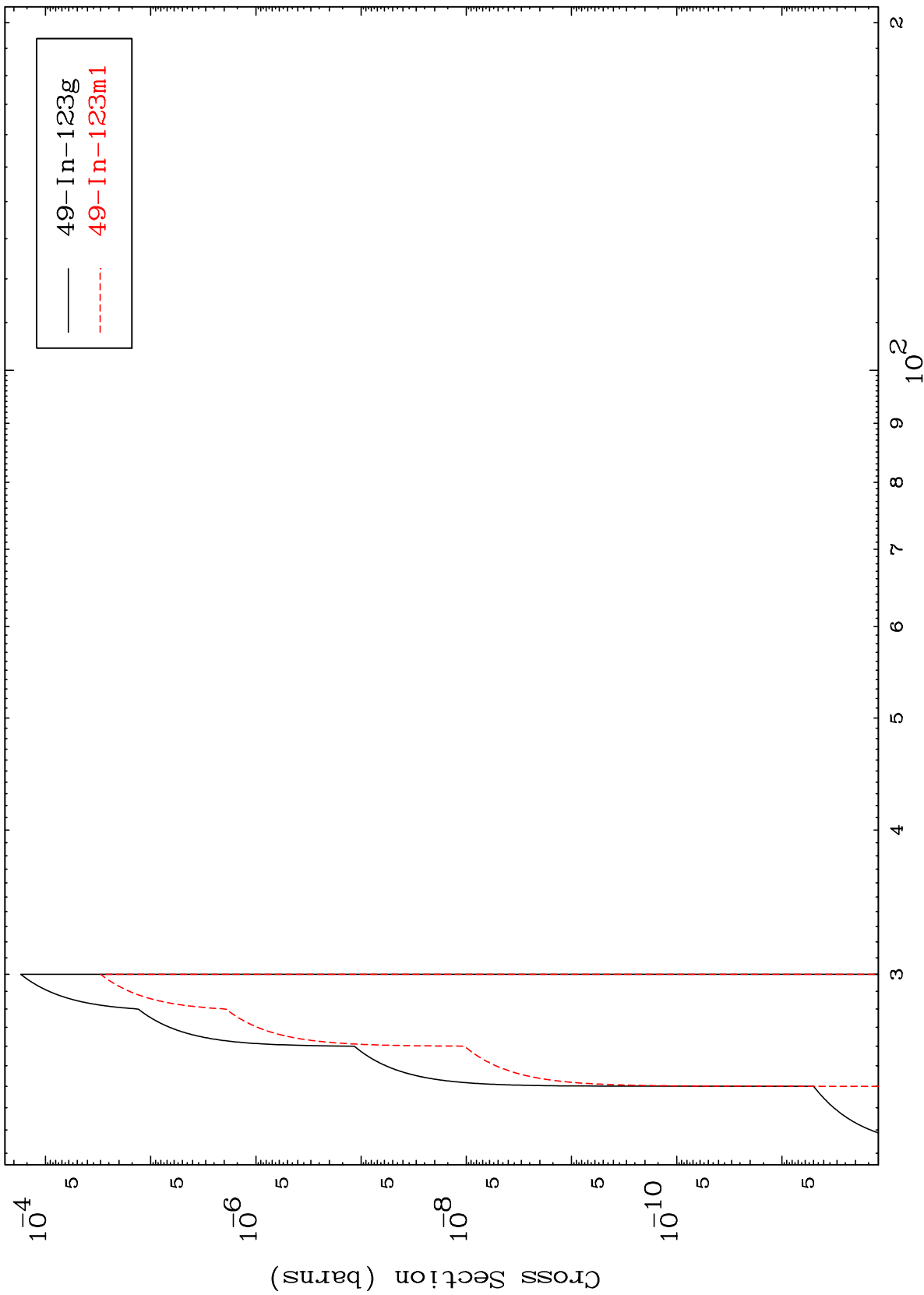


MAT 48777

( $\alpha, 2n$ ) d

48-Cd-123

Radionuclide Production Cross Section



12

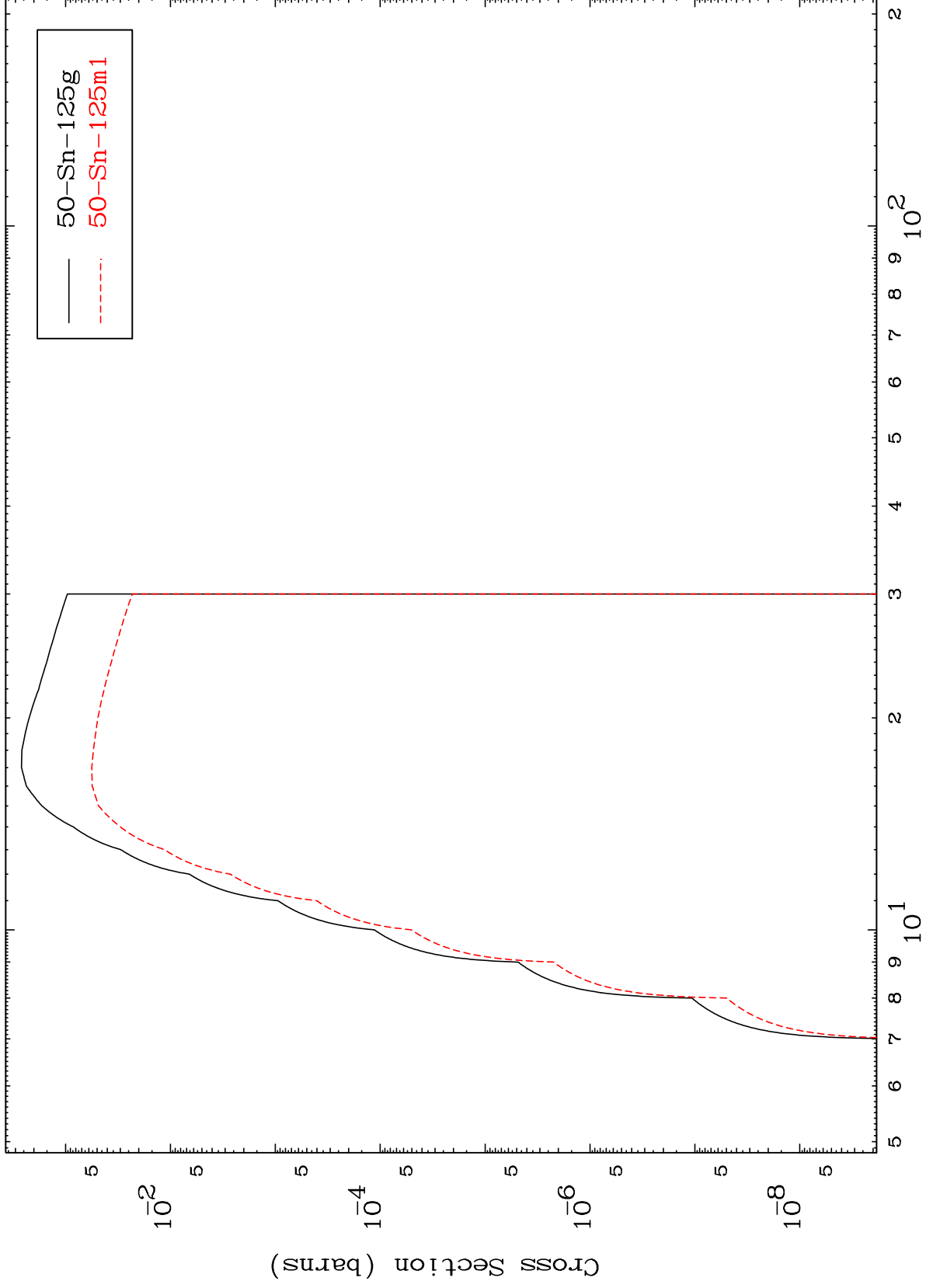
Incident Energy (MeV)

48-Cd-123

MAT 4877

48-Cd-123

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



13

Incident Energy (MeV)

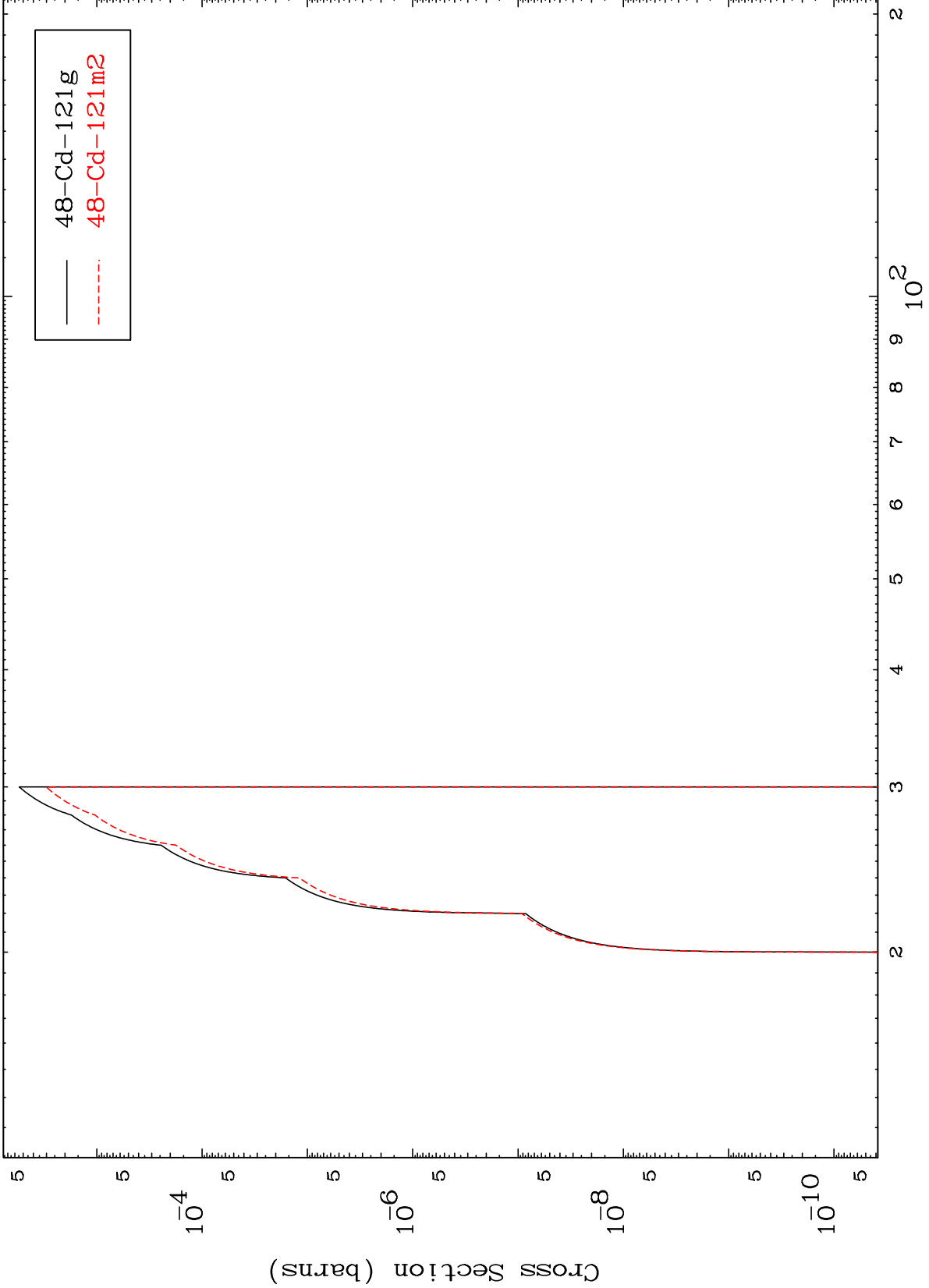
48-Cd-123

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$(\alpha, 2n) \alpha$

48-Cd-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

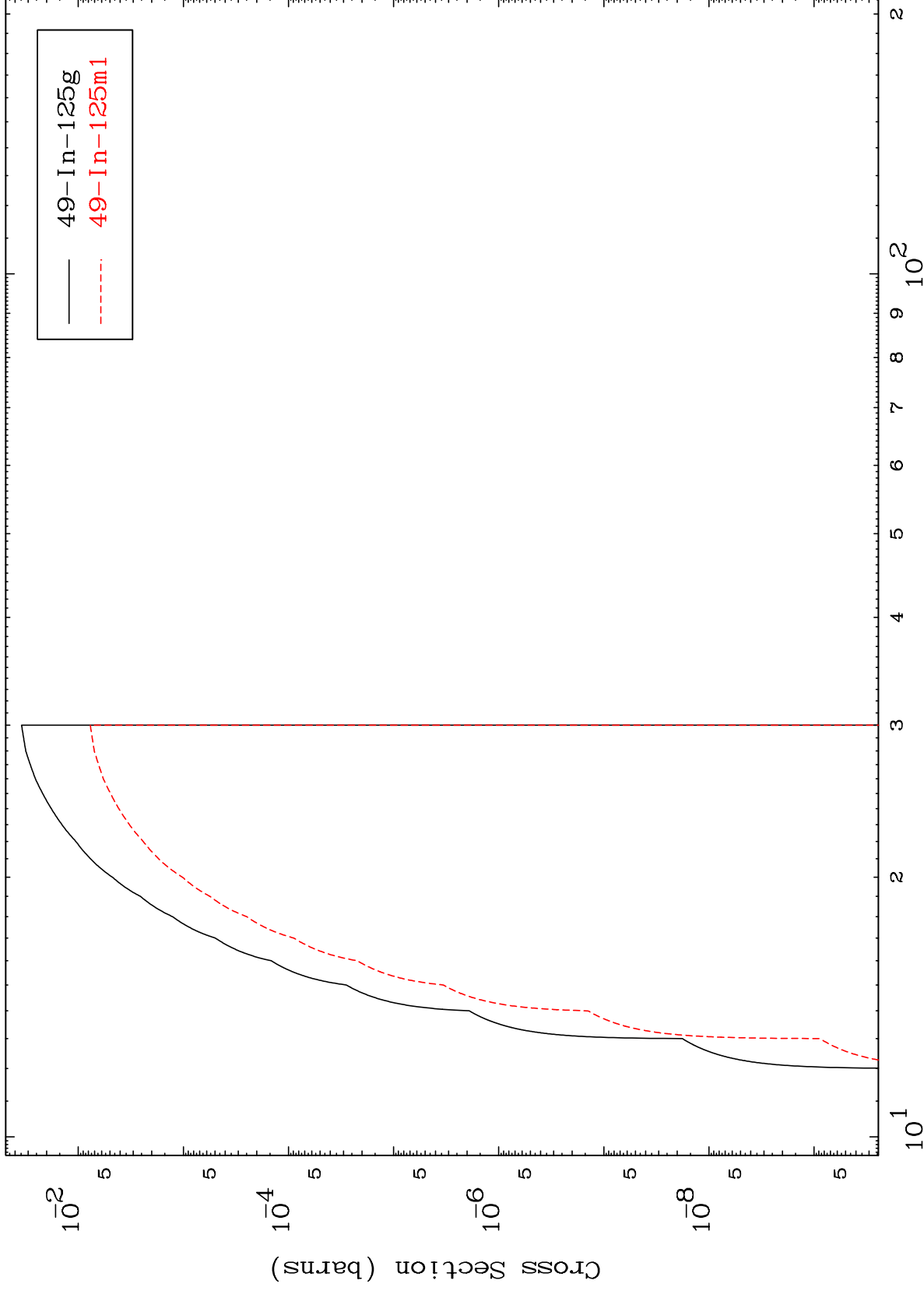
48-Cd-123

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$(\alpha, n')$  p

48-Cd-123

Radionuclide Production Cross Section

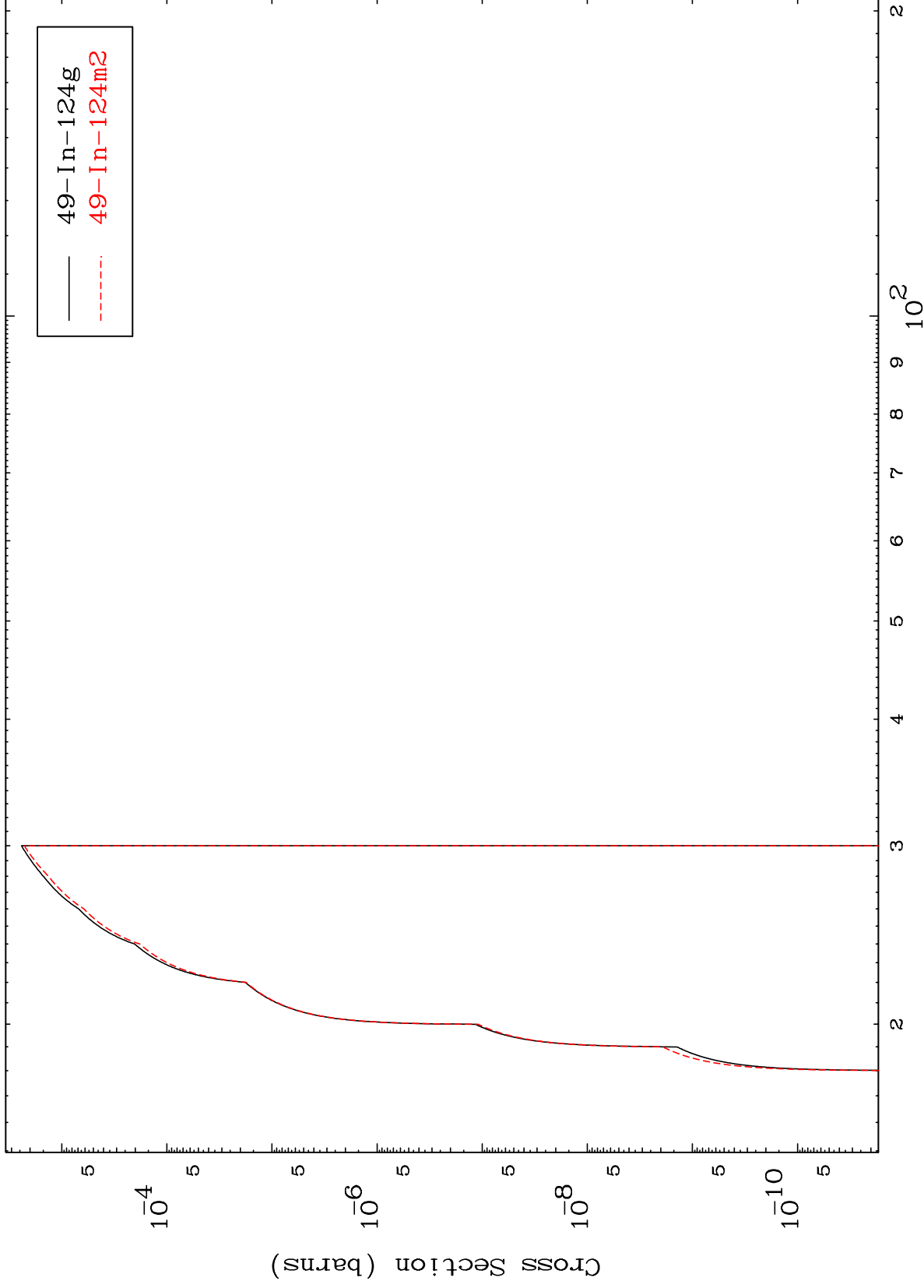


Incident Energy (MeV)

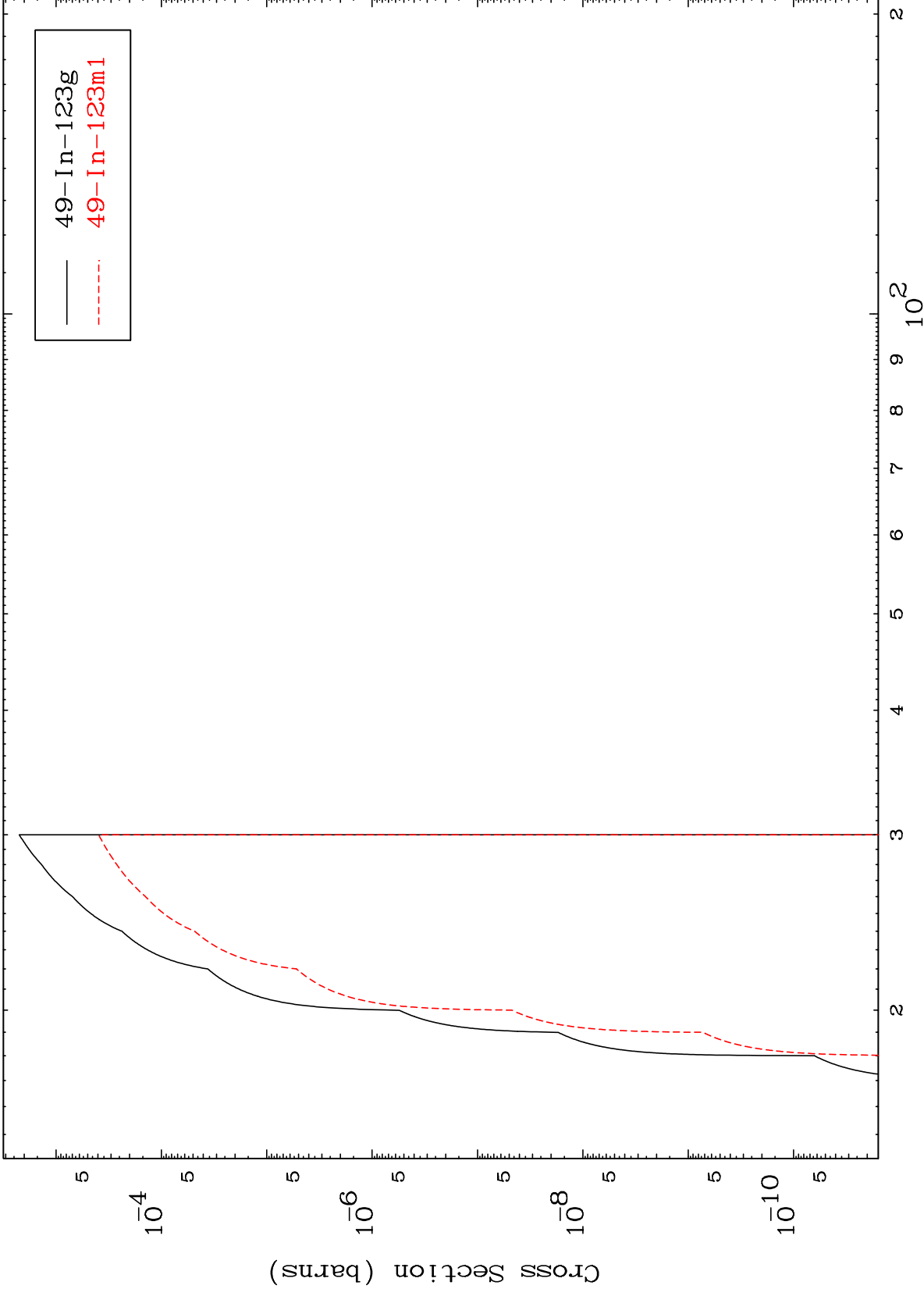
48-Cd-123



Radionuclide Production Cross Section



Radionuclide Production Cross Section



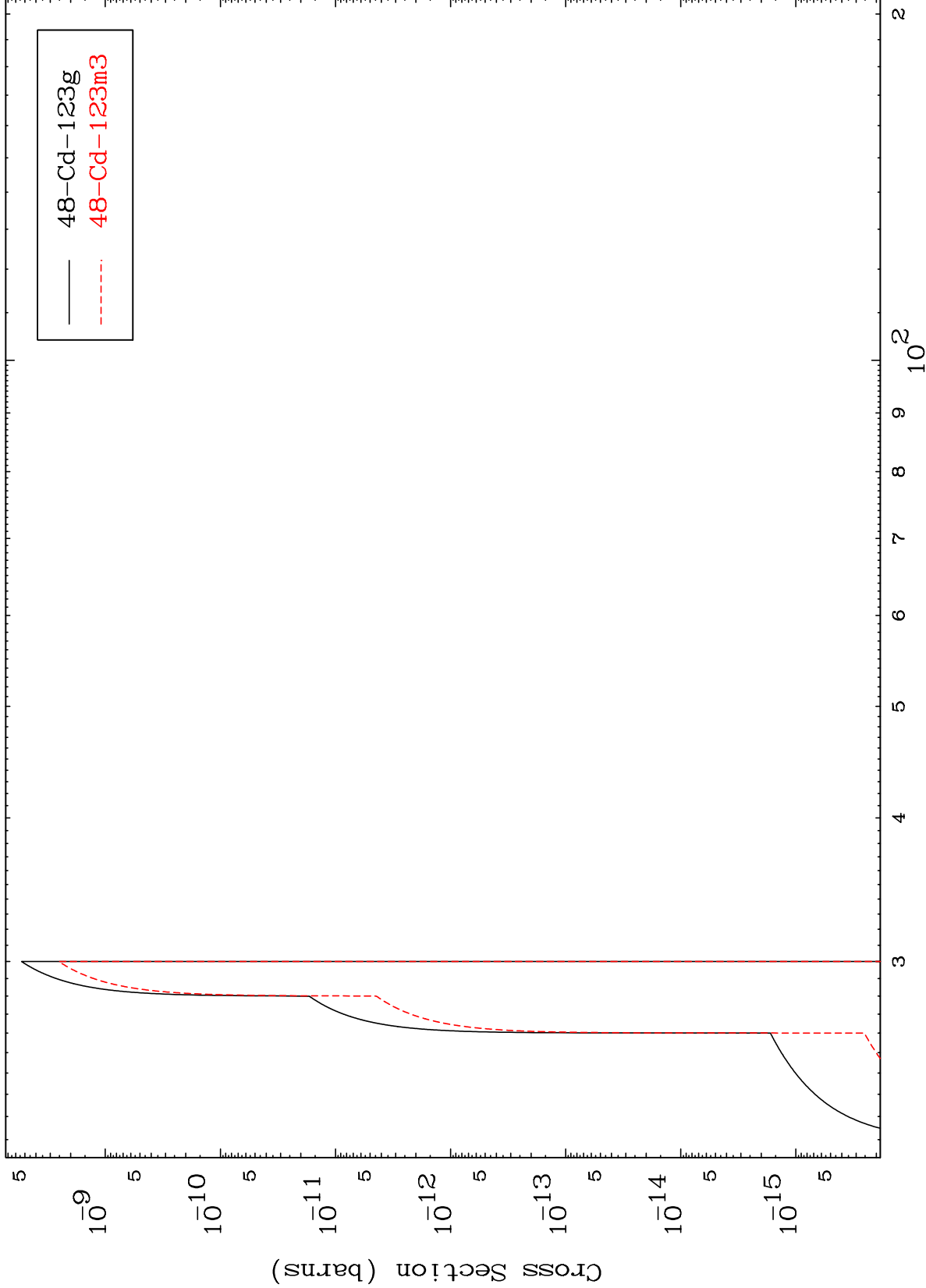
49-In-123g  
49-In-123m1

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

48-Cd-123

Radionuclide Production Cross Section



48-Cd-123g  
48-Cd-123m3

18

Incident Energy (MeV)

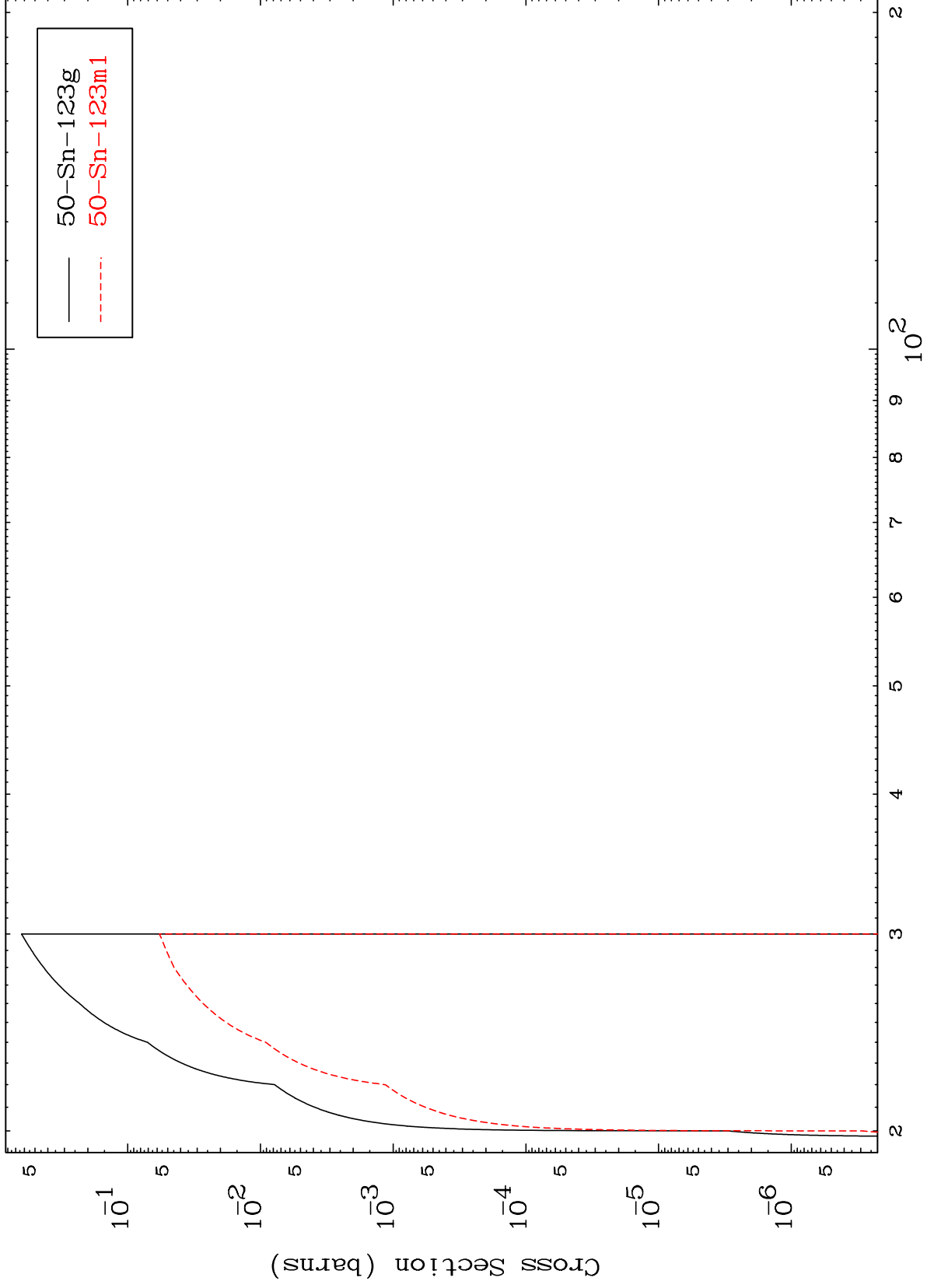
48-Cd-123

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( $\alpha, 4n$ )

48-Cd-123

Radionuclide Production Cross Section



19

Incident Energy (MeV)

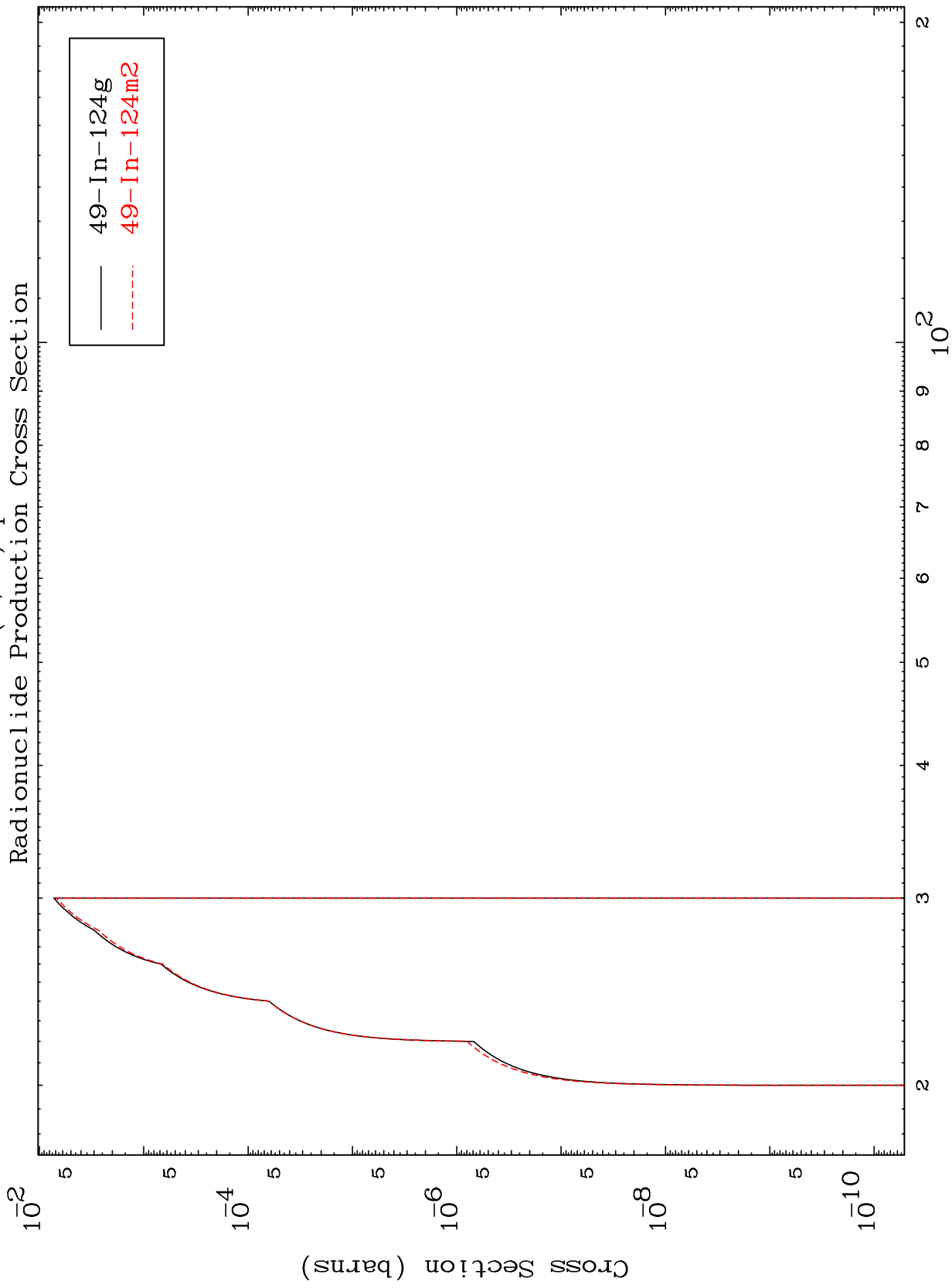
48-Cd-123

MAT 48777

( $\alpha, 2n$ ) p

48-Cd-123

Radionuclide Production Cross Section

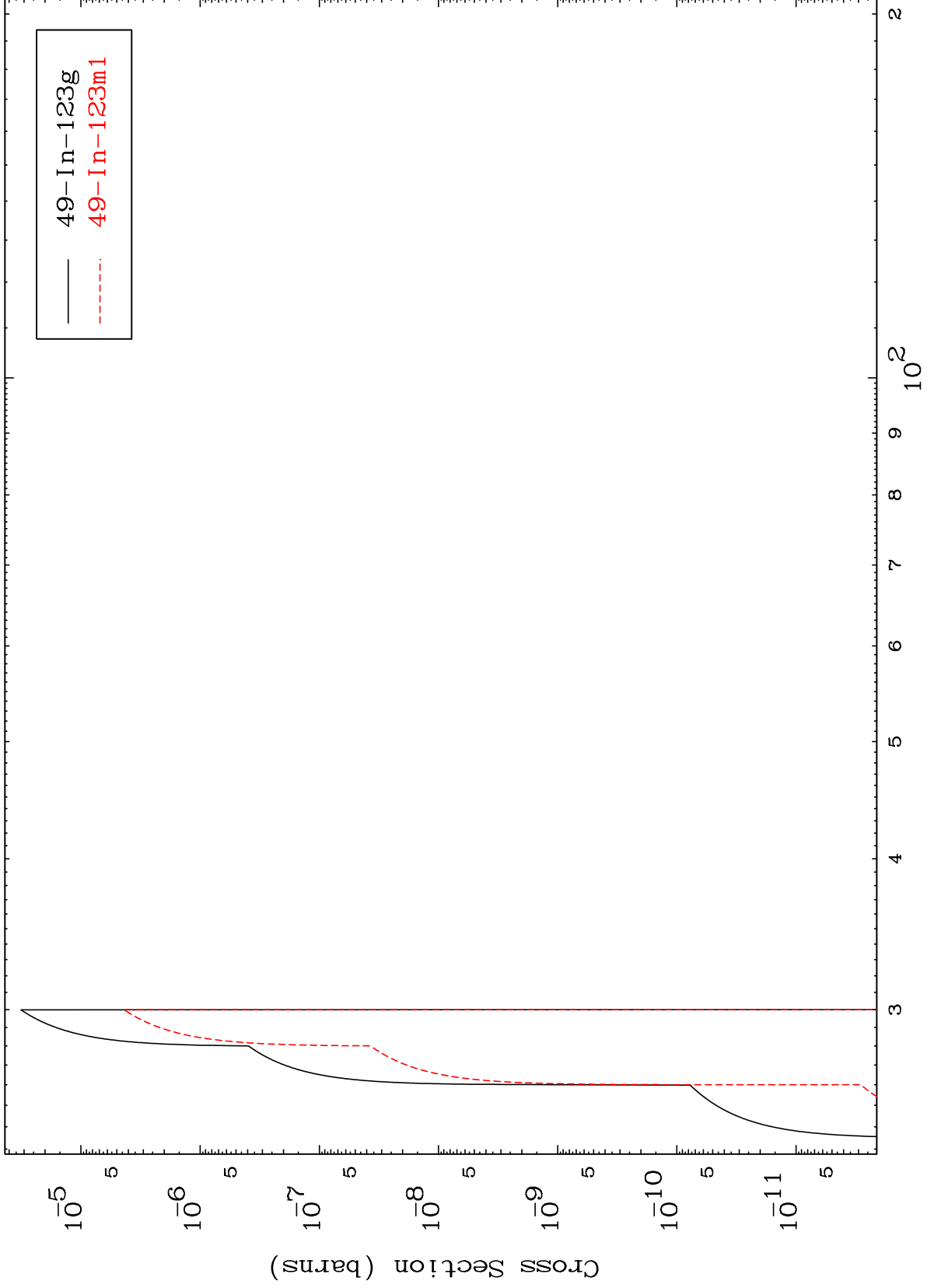


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Incident Energy (MeV)

48-Cd-123

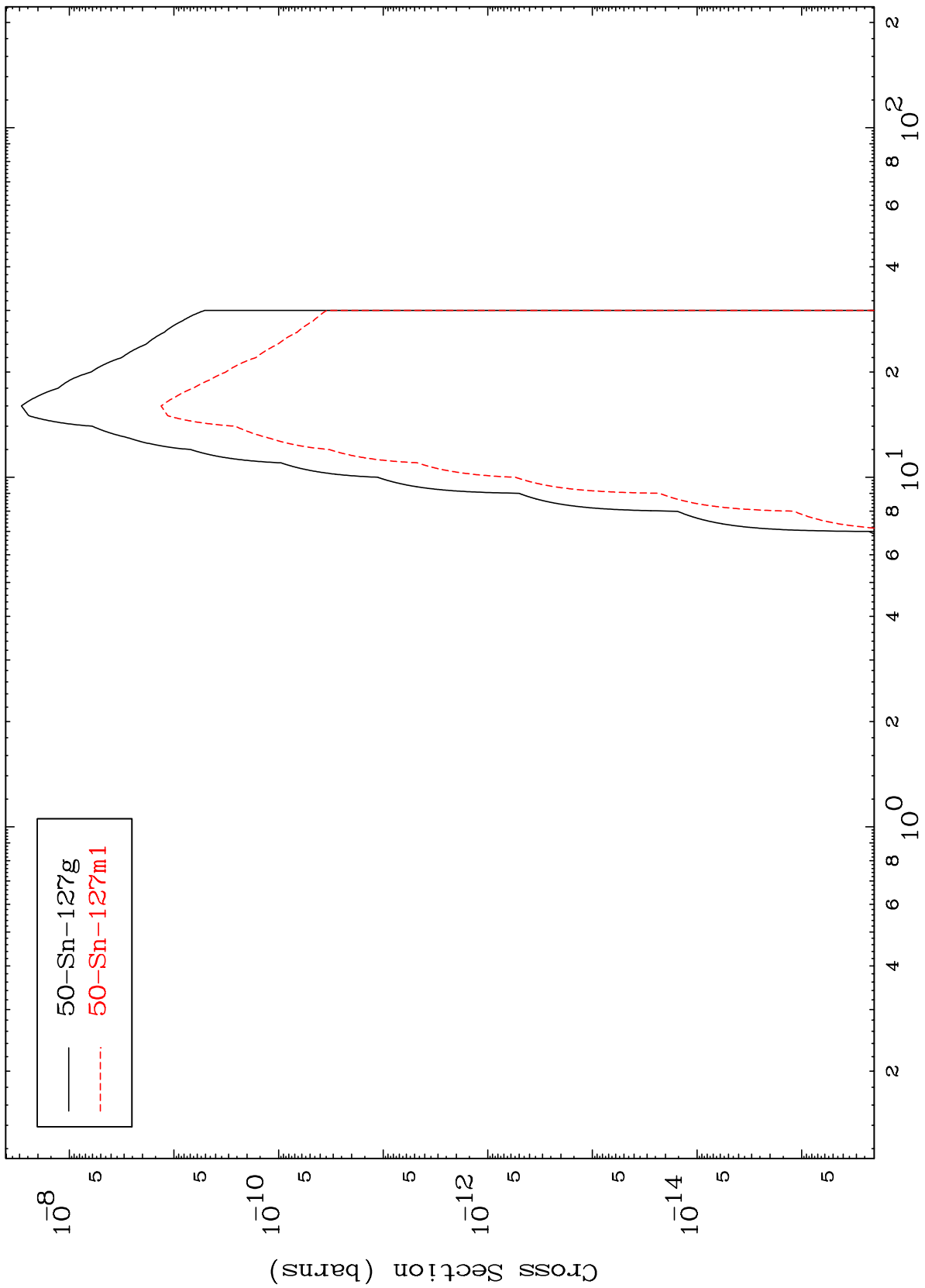
Radionuclide Production Cross Section



MAT 4877

48-Cd-123

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



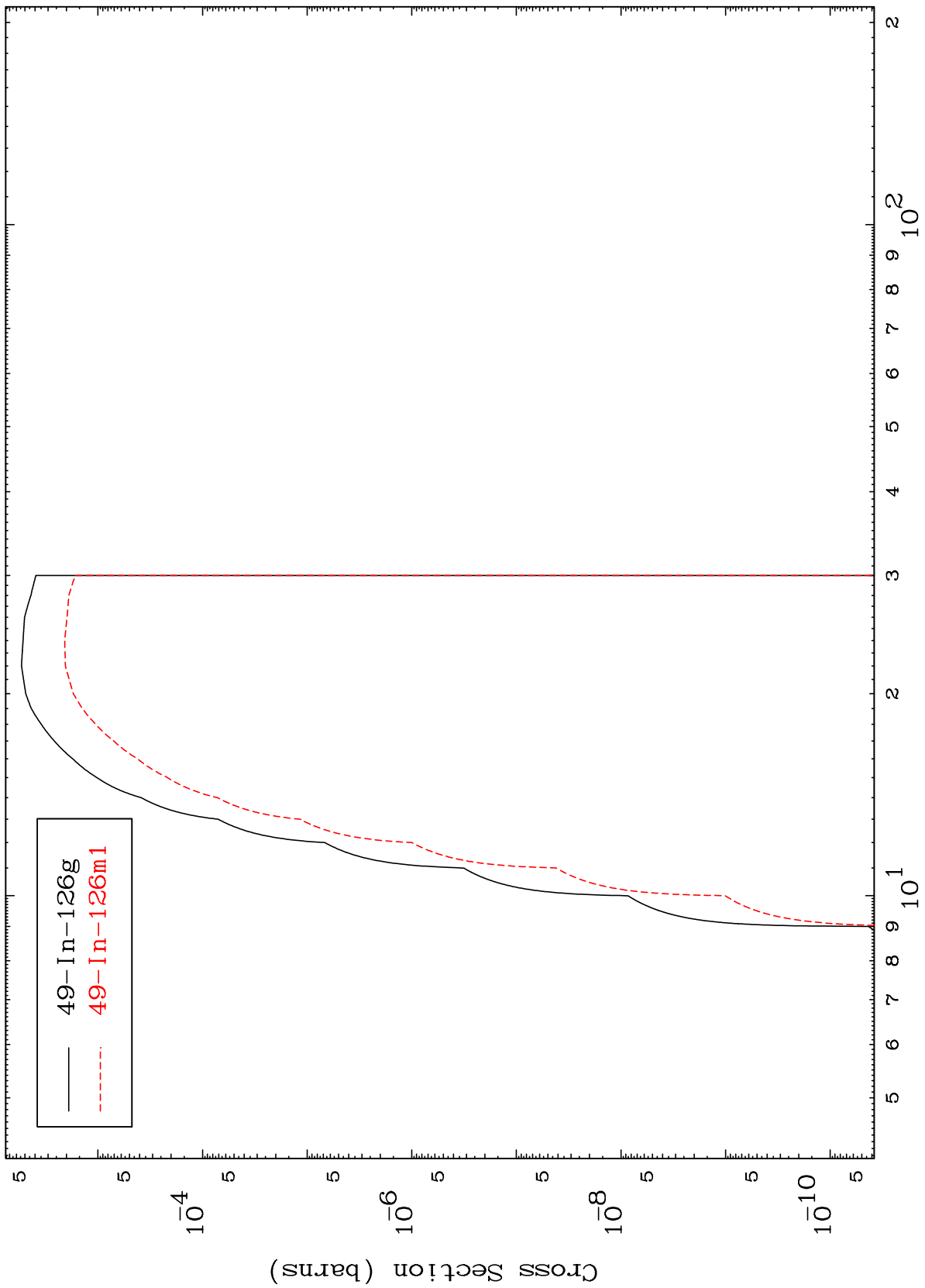
22

48-Cd-123

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48-Cd-123

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



23

Incident Energy (MeV)

48-Cd-123

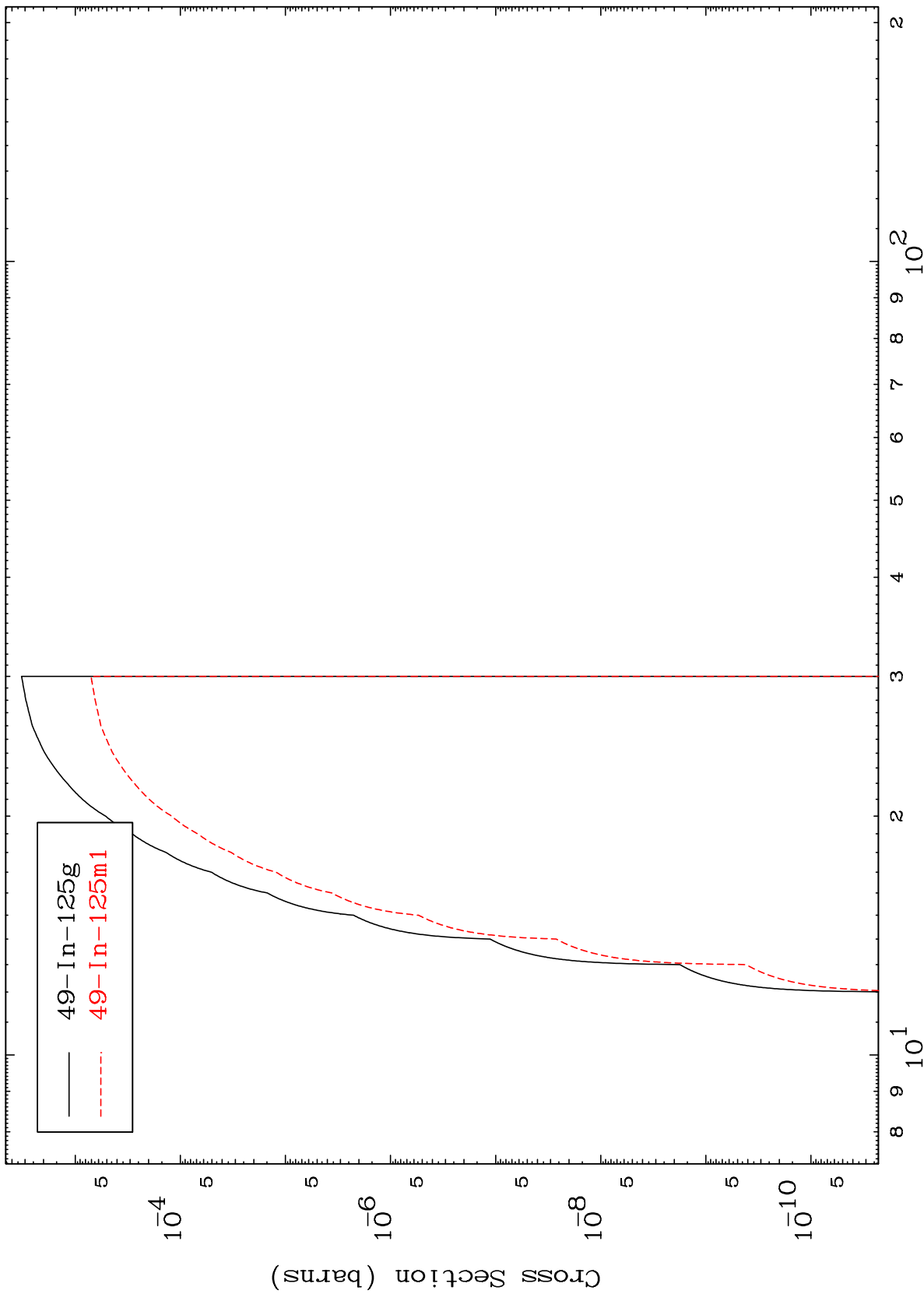


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( $\alpha, d$ )

48-Cd-123

Radionuclide Production Cross Section



24

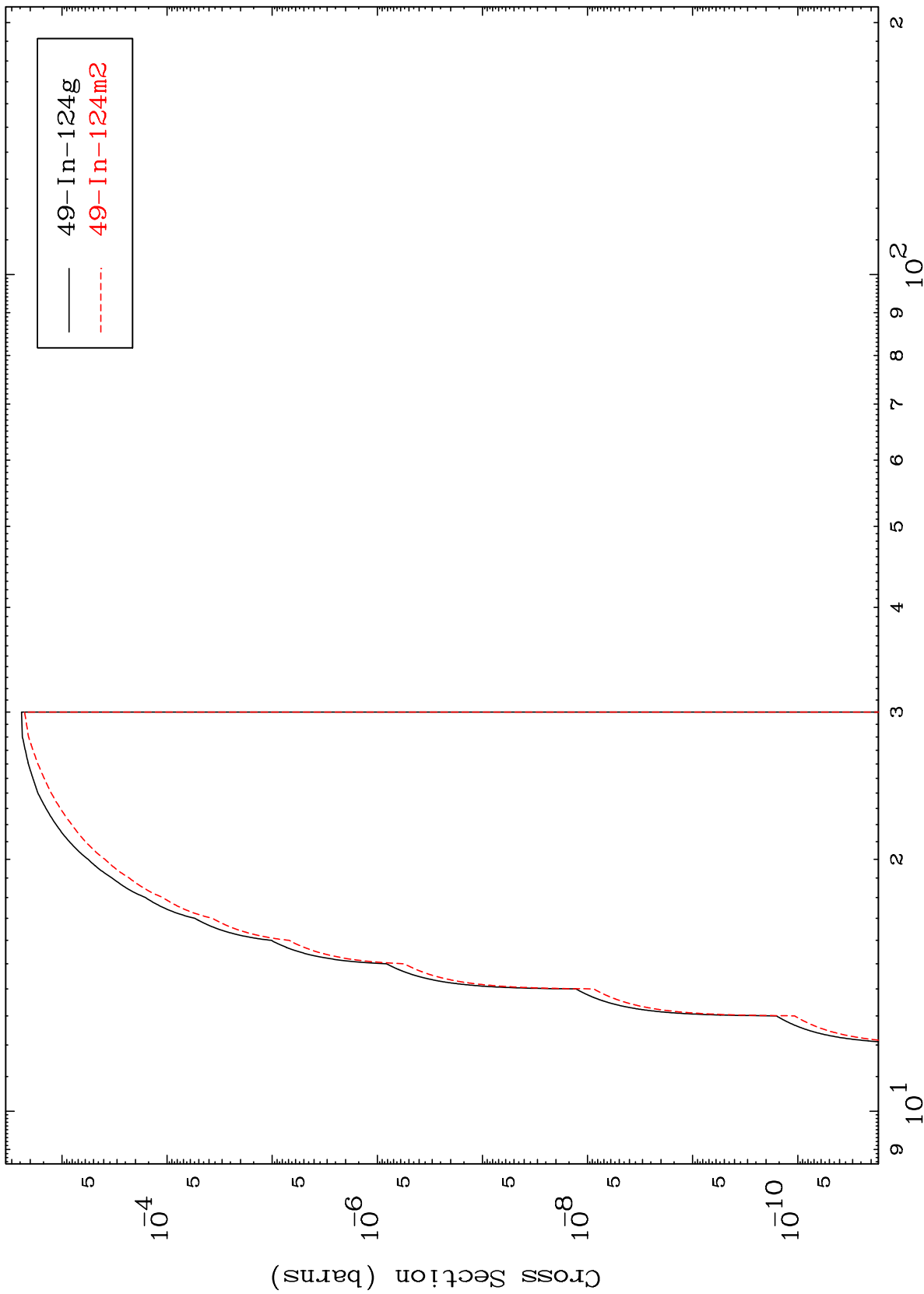
Incident Energy (MeV)

48-Cd-123

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48-Cd-123

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



48-Cd-123

Incident Energy (MeV)

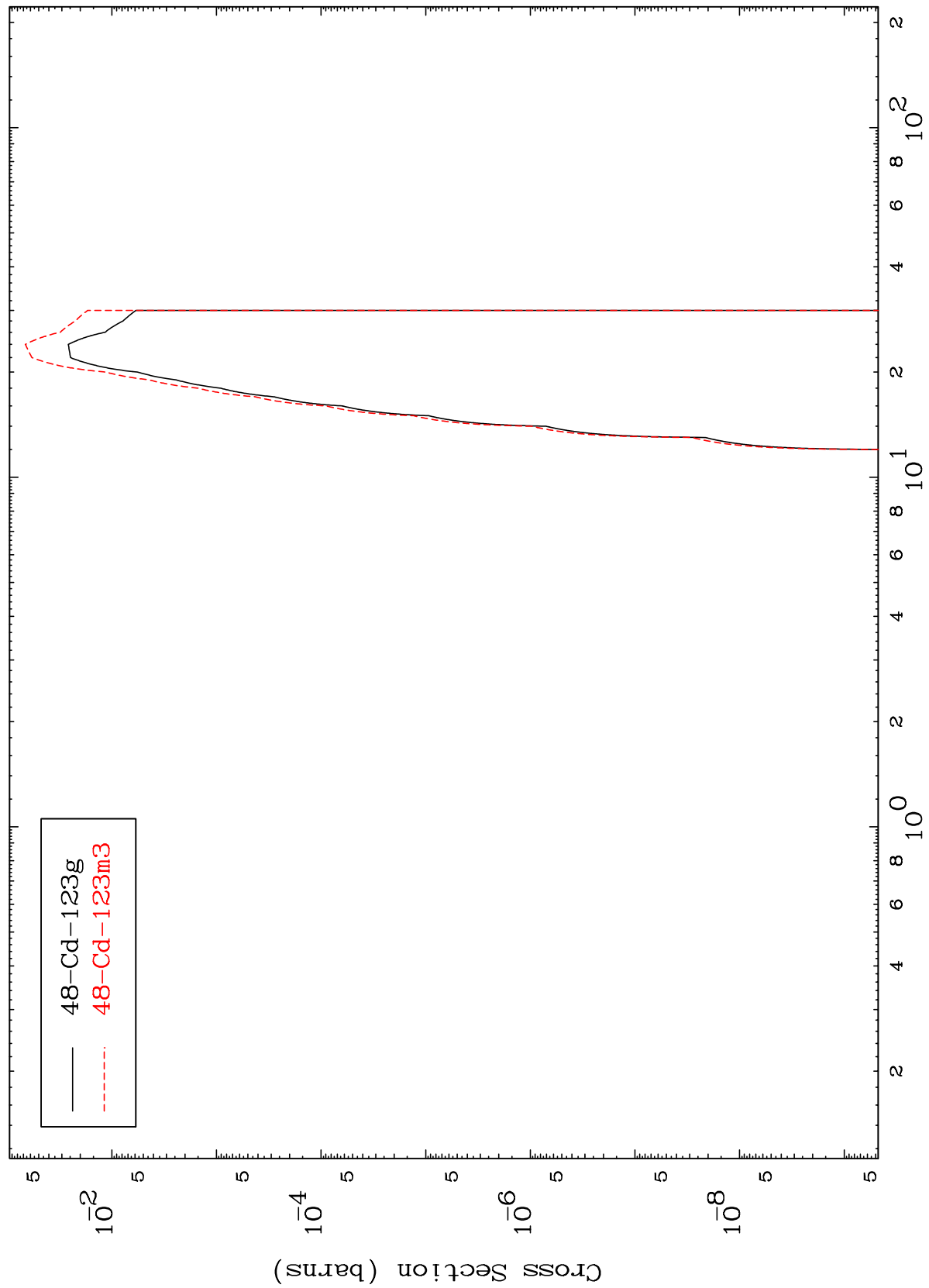
25

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( $\alpha, \alpha$ )

48-Cd-123

Radionuclide Production Cross Section



48-Cd-123g  
48-Cd-123m3