

Program EVALPLOT  
(Version 2018-1)

by

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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

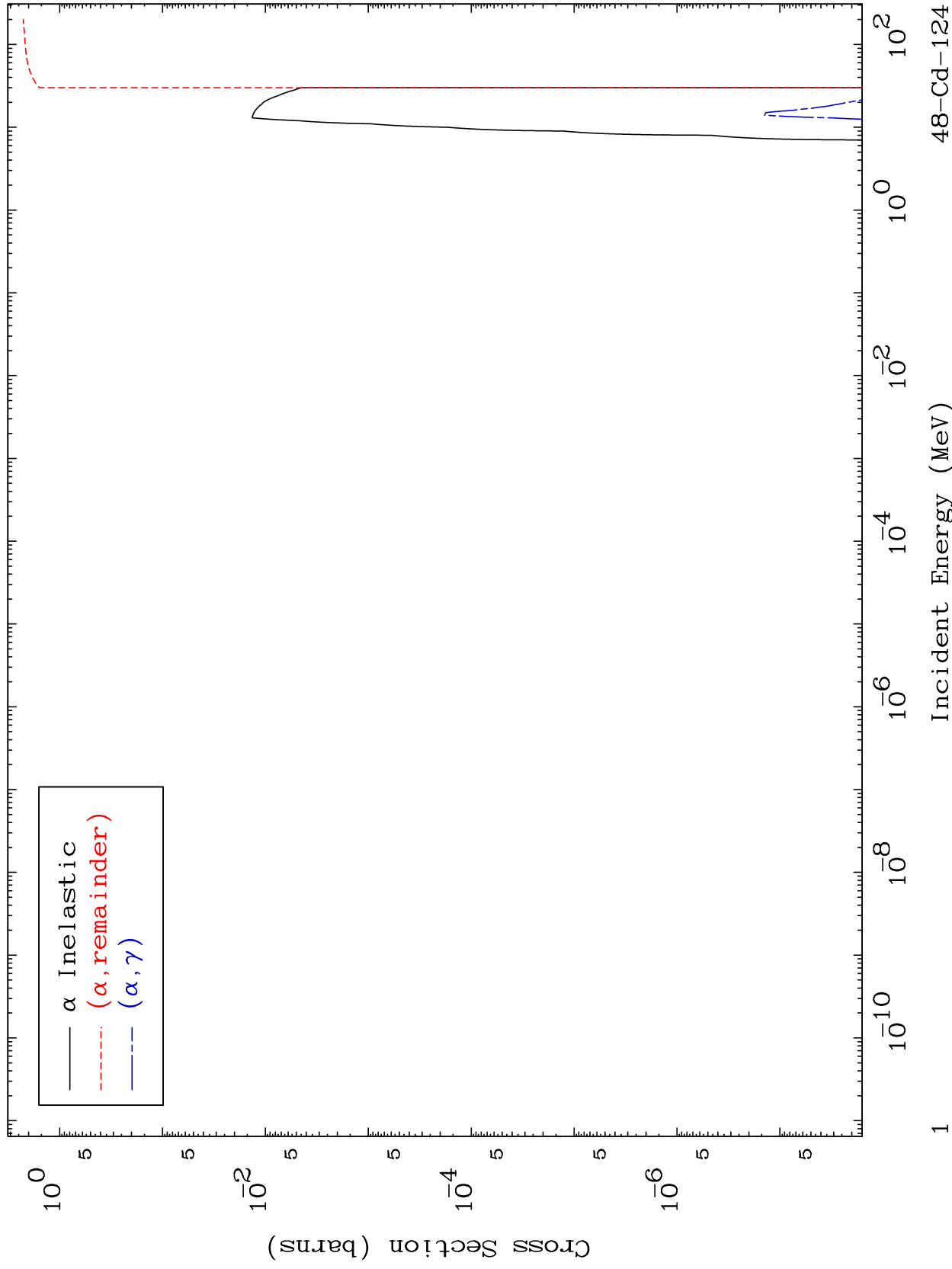
Press Mouse Button to Start

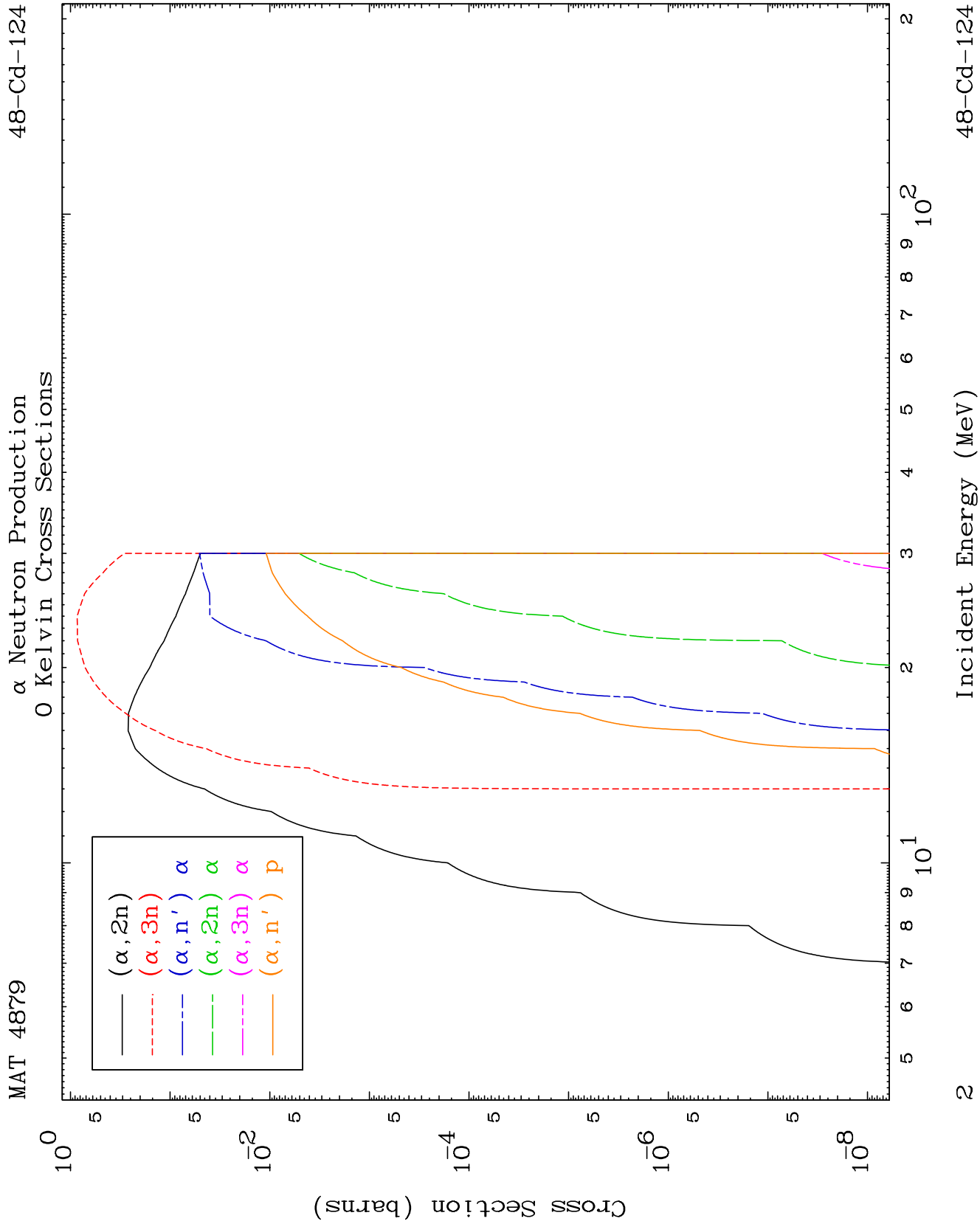
MAT 4879

$\alpha$  Major

48-Cd-124

0 Kelvin Cross Sections

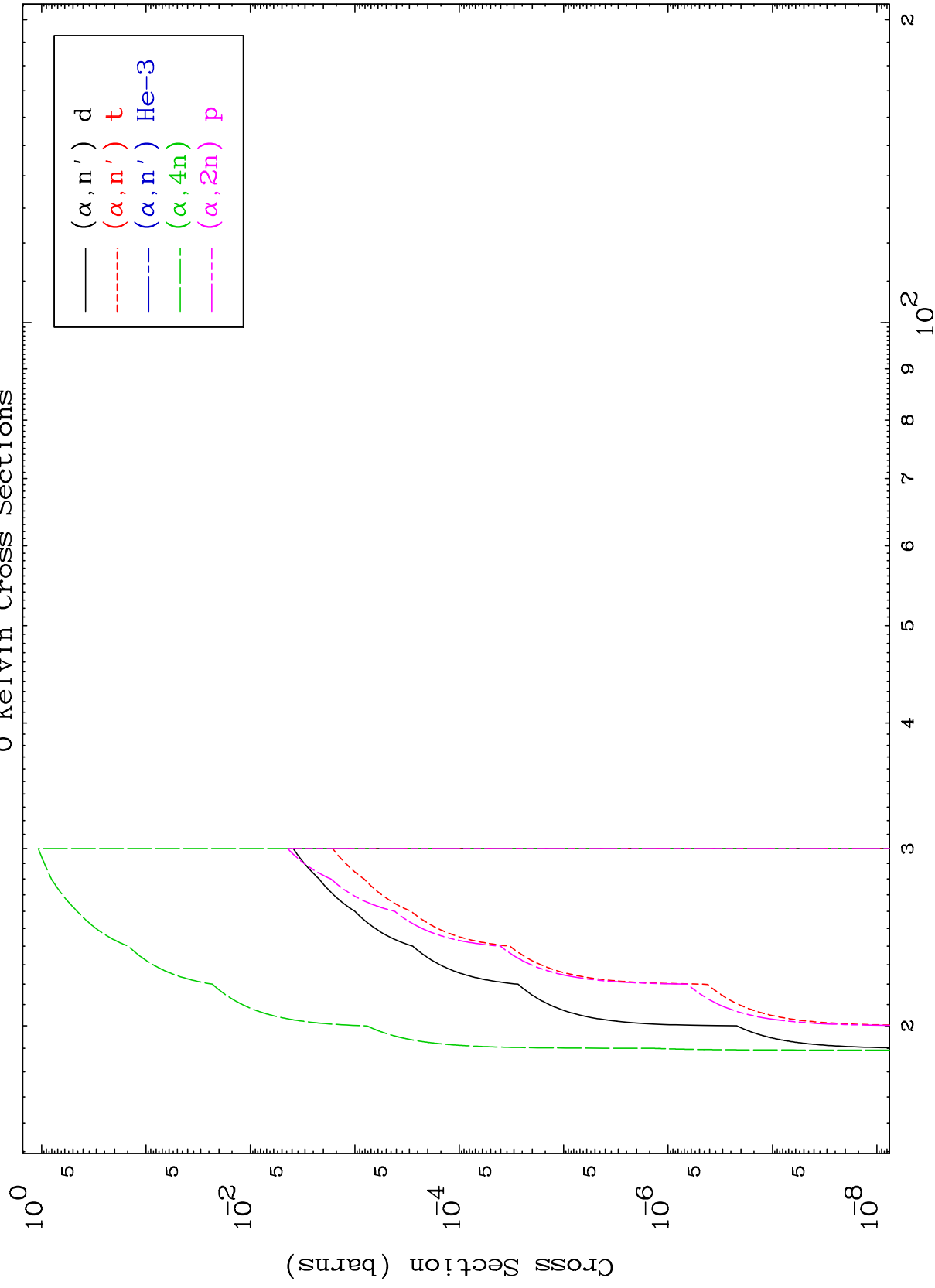




MAT 4879

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

48-Cd-124



3

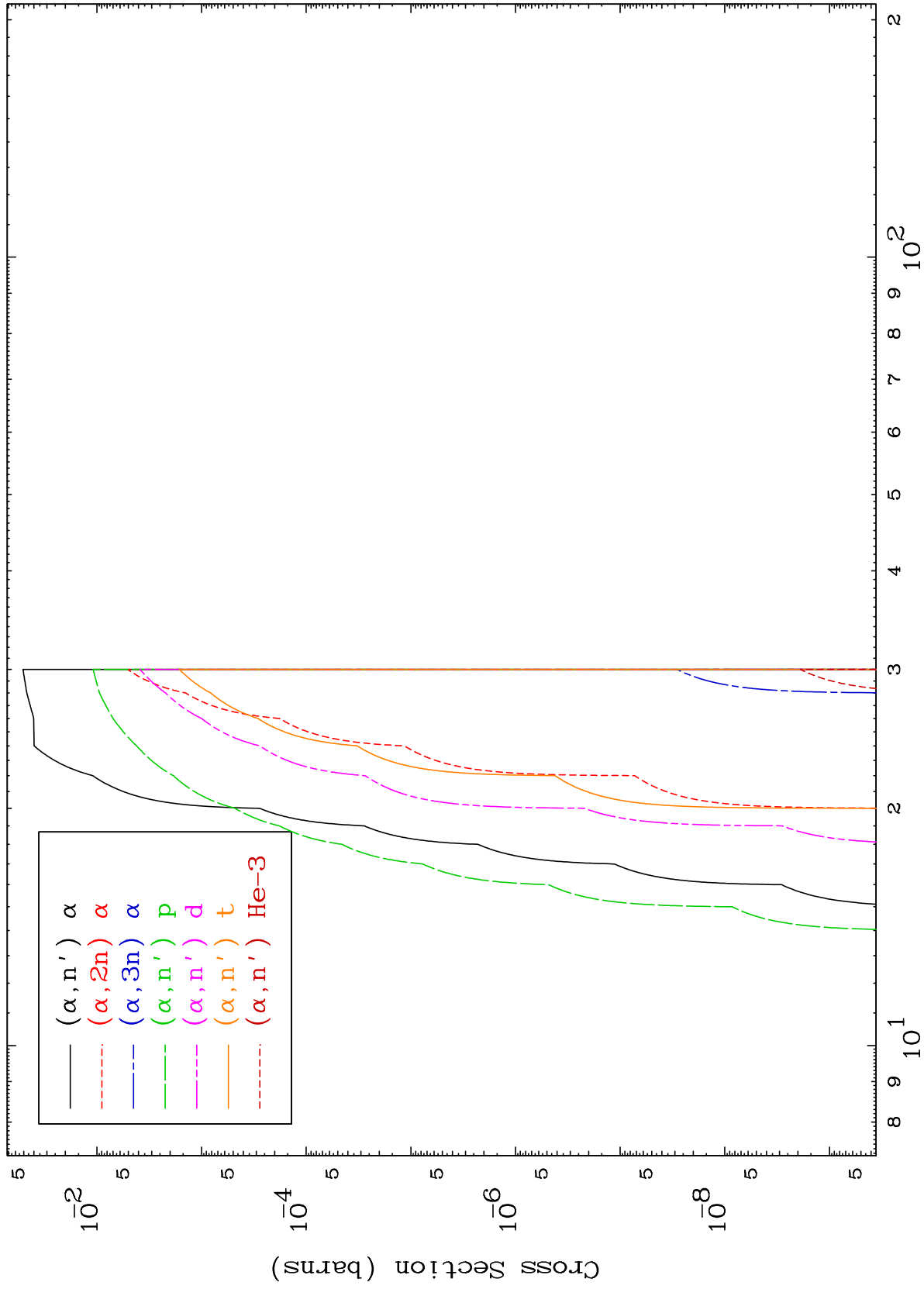
Incident Energy (MeV)

48-Cd-124

MAT 4879

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

48-Cd-124



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Incident Energy (MeV)

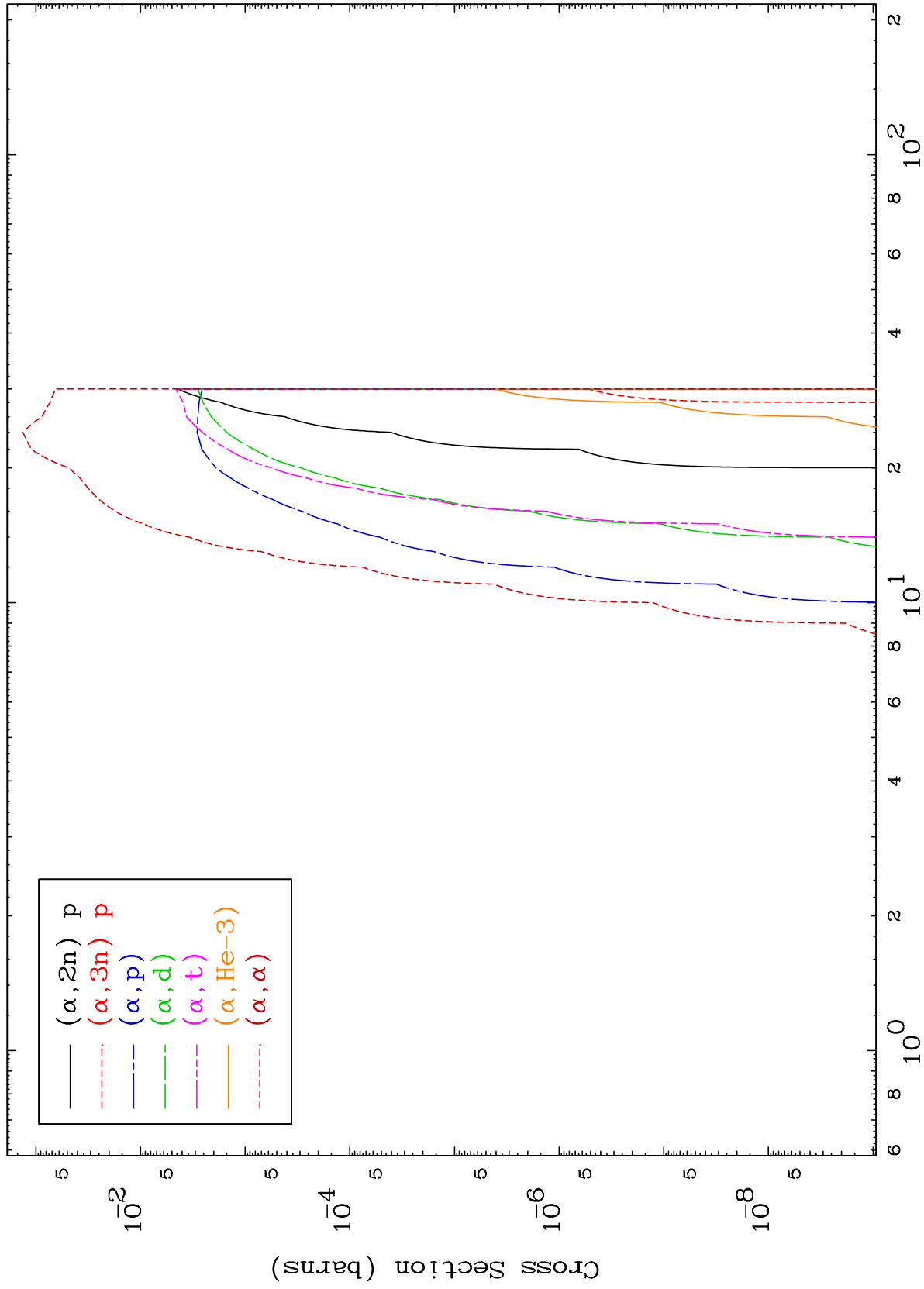
48-Cd-124

MAT 4879

$\alpha$  Charged Particle

48-Cd-124

0 Kelvin Cross Sections



5

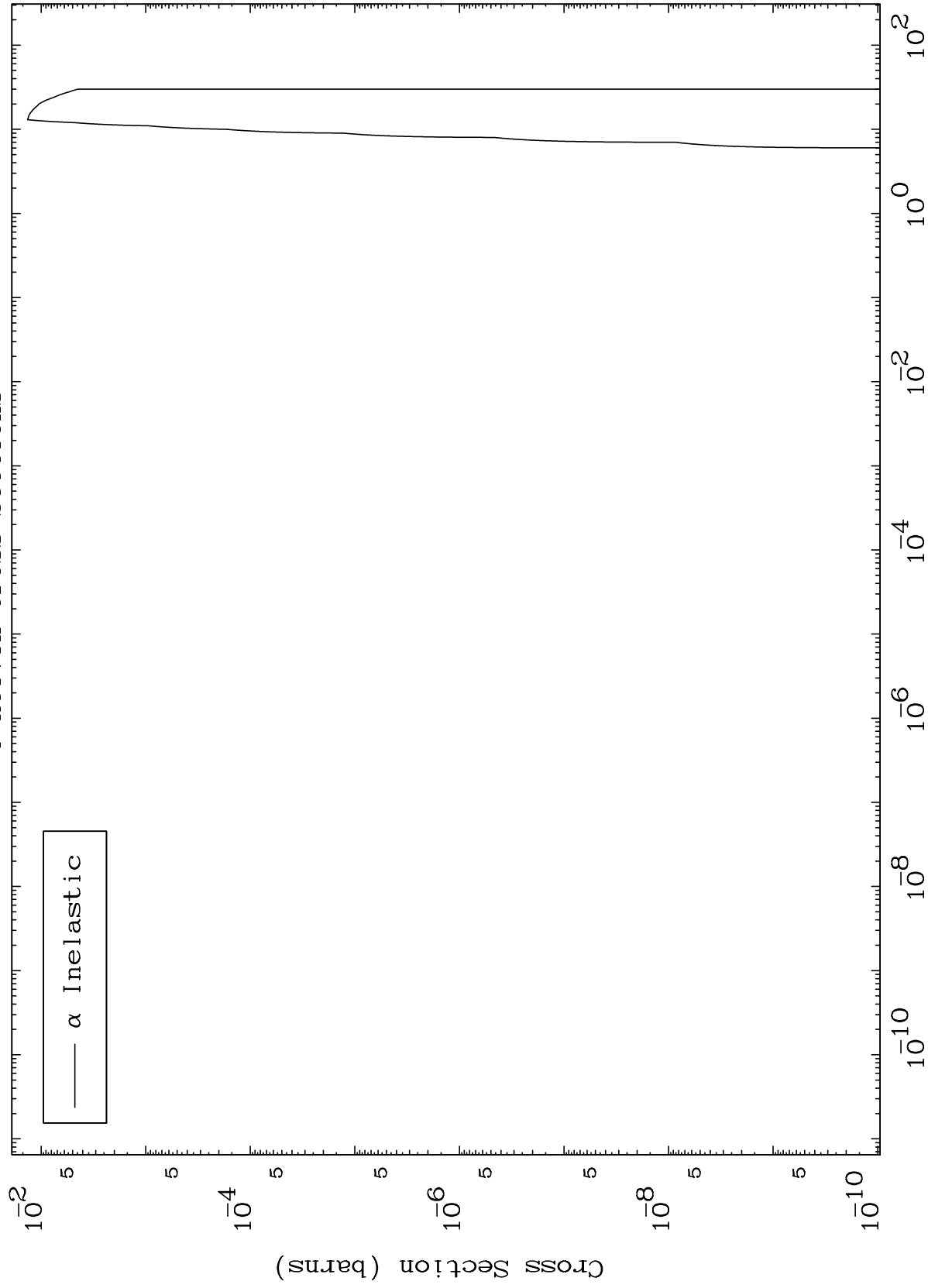
Incident Energy (MeV)

48-Cd-124

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

48-Cd-124



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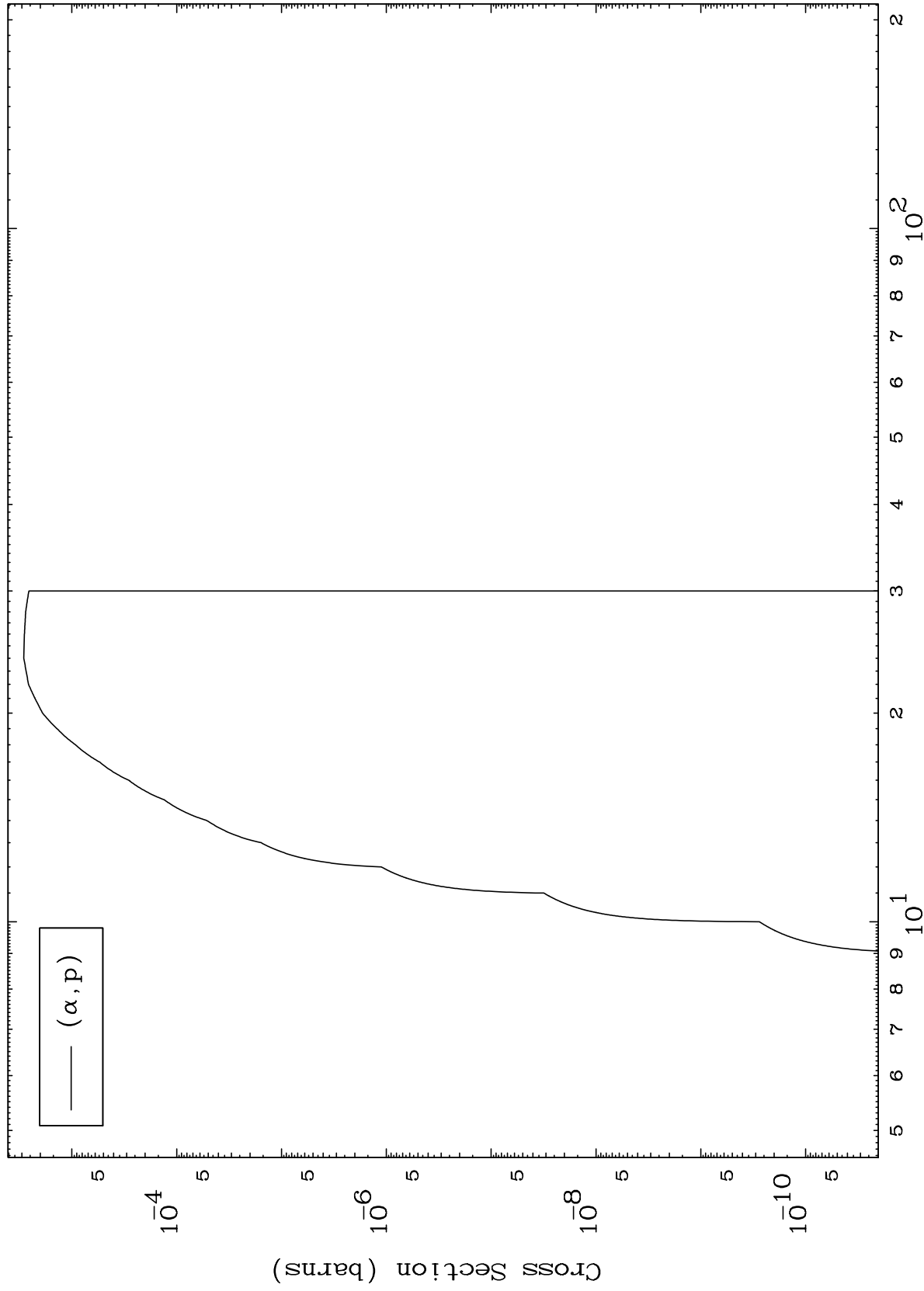
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

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



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Incident Energy (MeV)

48-Cd-124

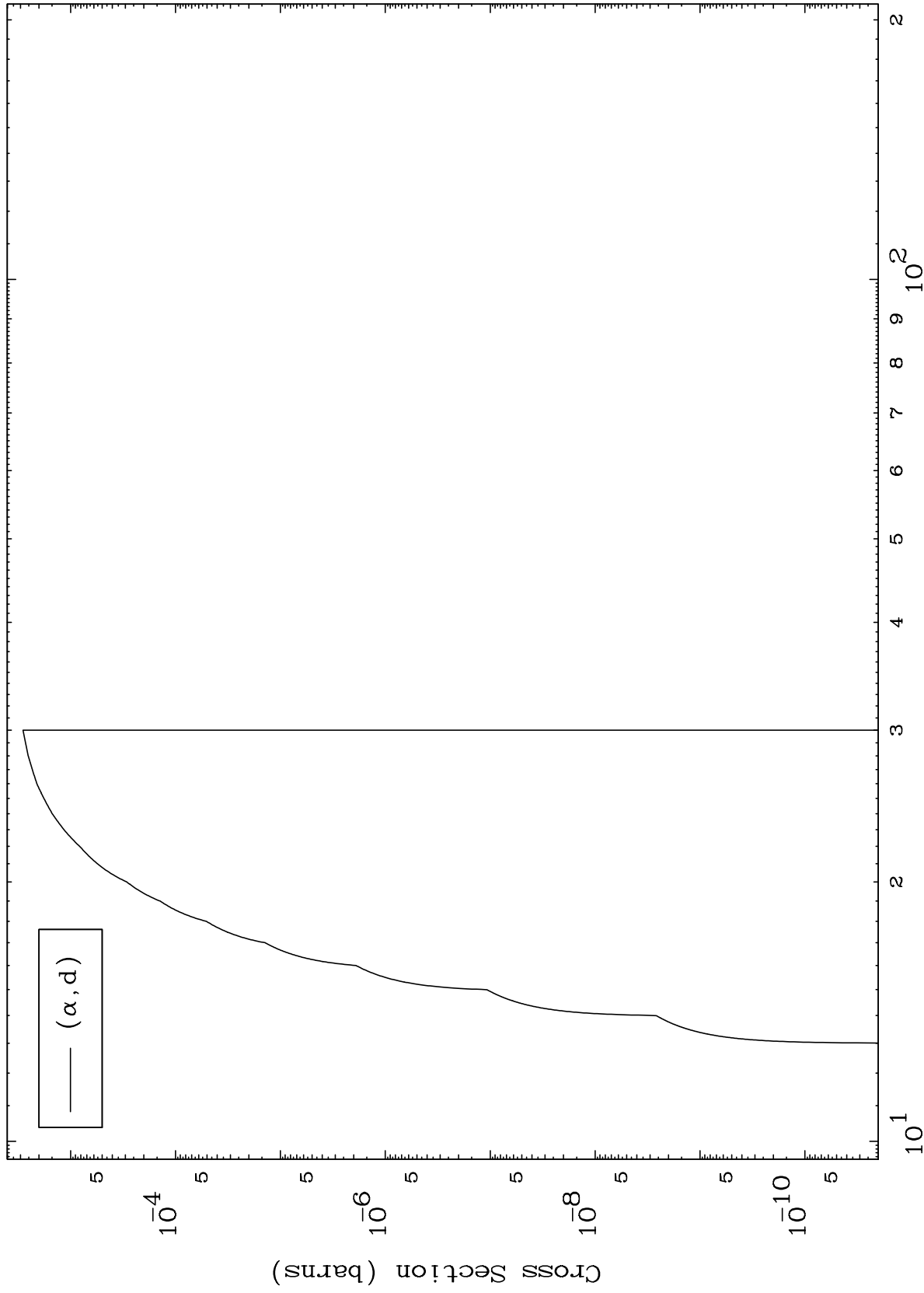


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( $\alpha$ ,d) Levels

48-Cd-124

0 Kelvin Cross Sections



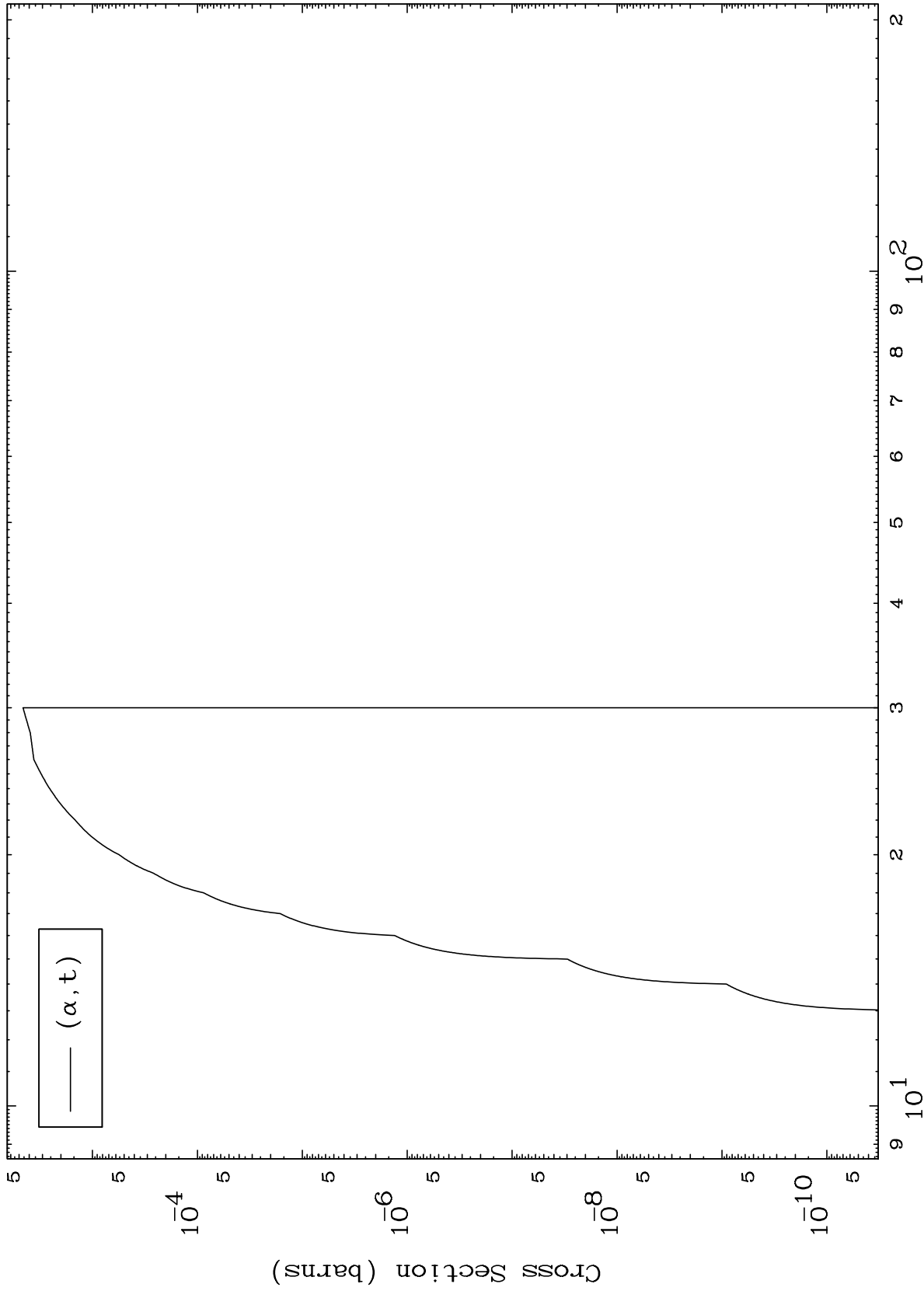
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

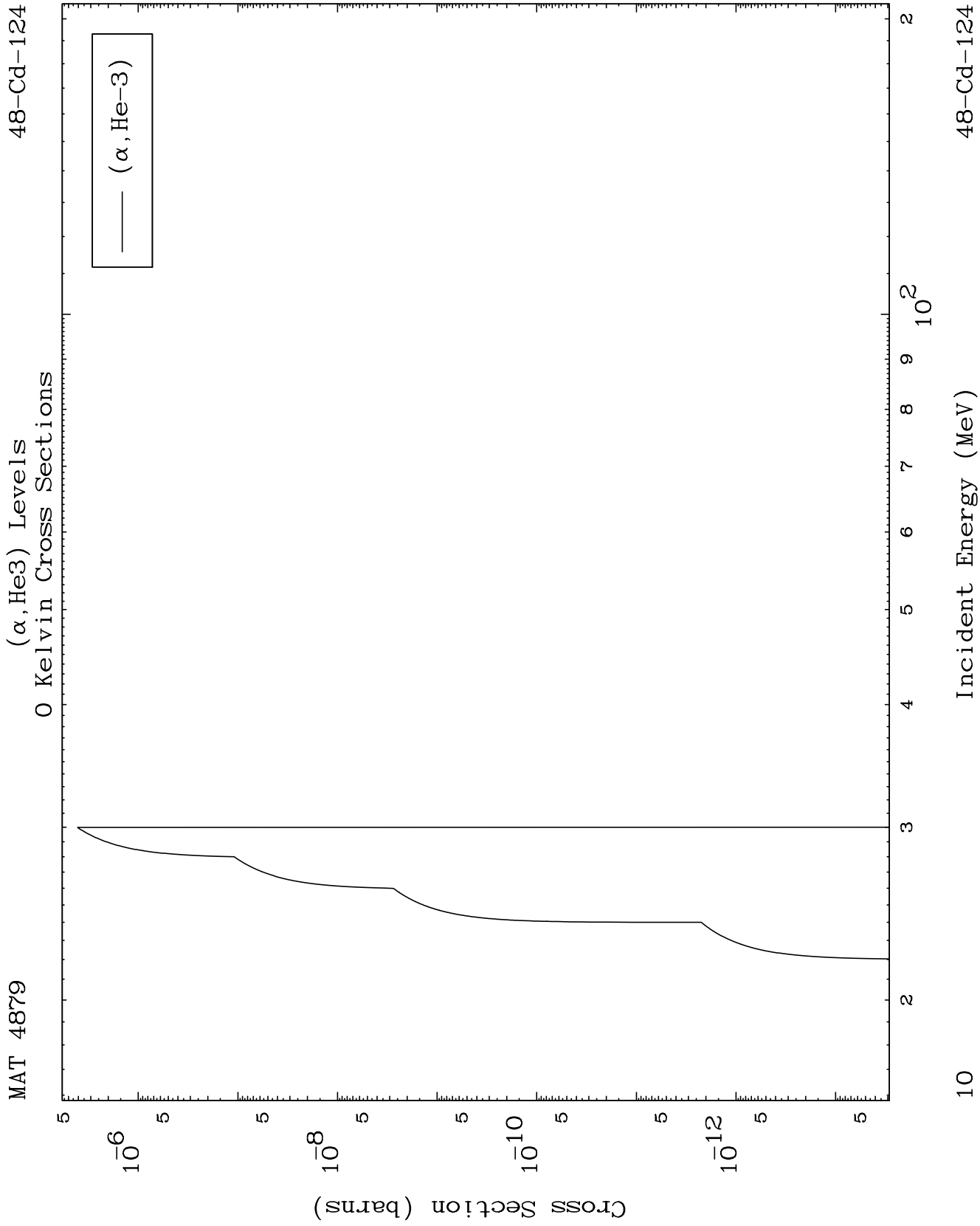
( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections



9

Incident Energy (MeV)

48-Cd-124

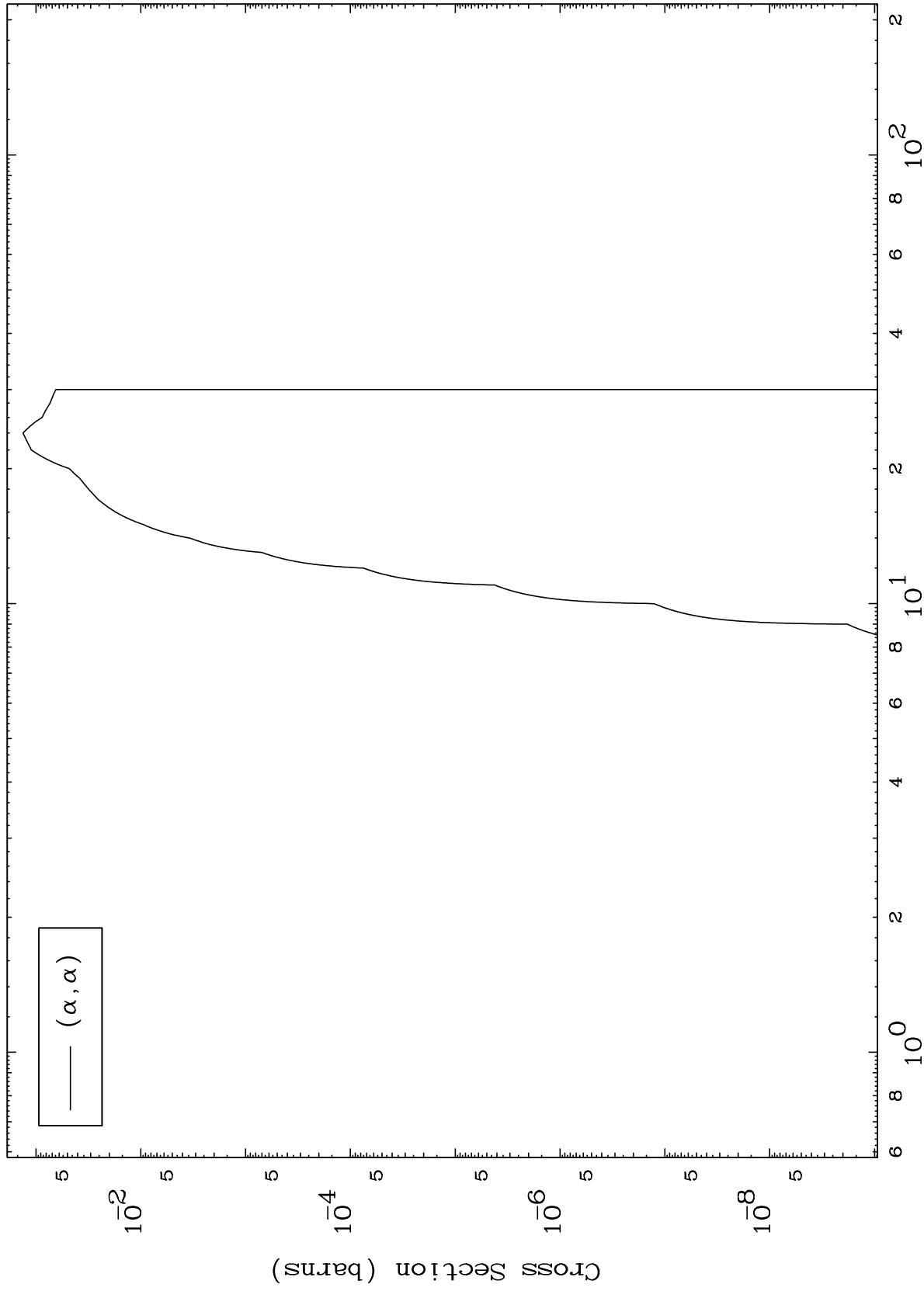


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( $\alpha, \alpha$ ) Levels

48-Cd-124

0 Kelvin Cross Sections



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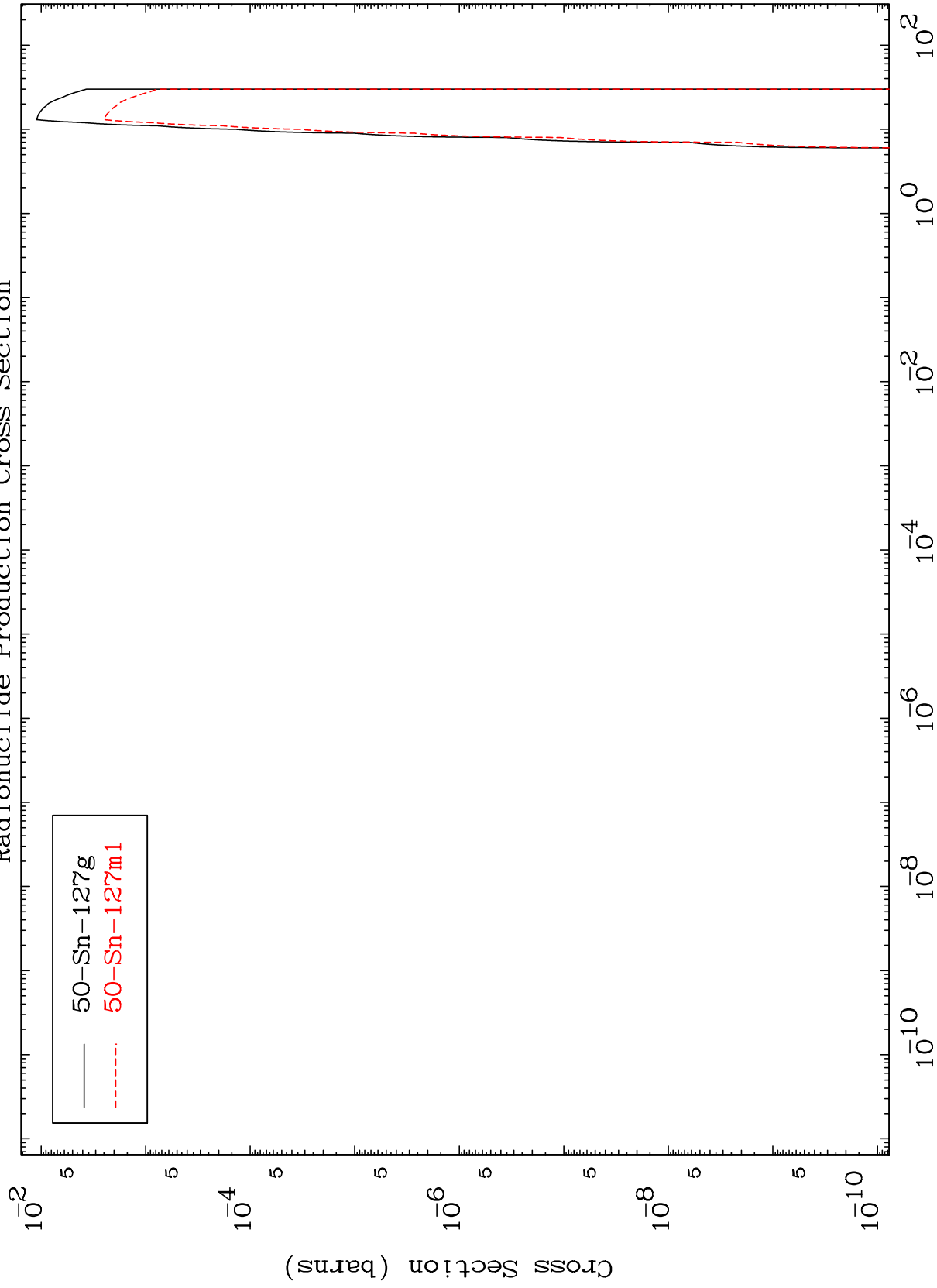
Incident Energy (MeV)

48-Cd-124

MAT 4879

Radionuclide Production Cross Section

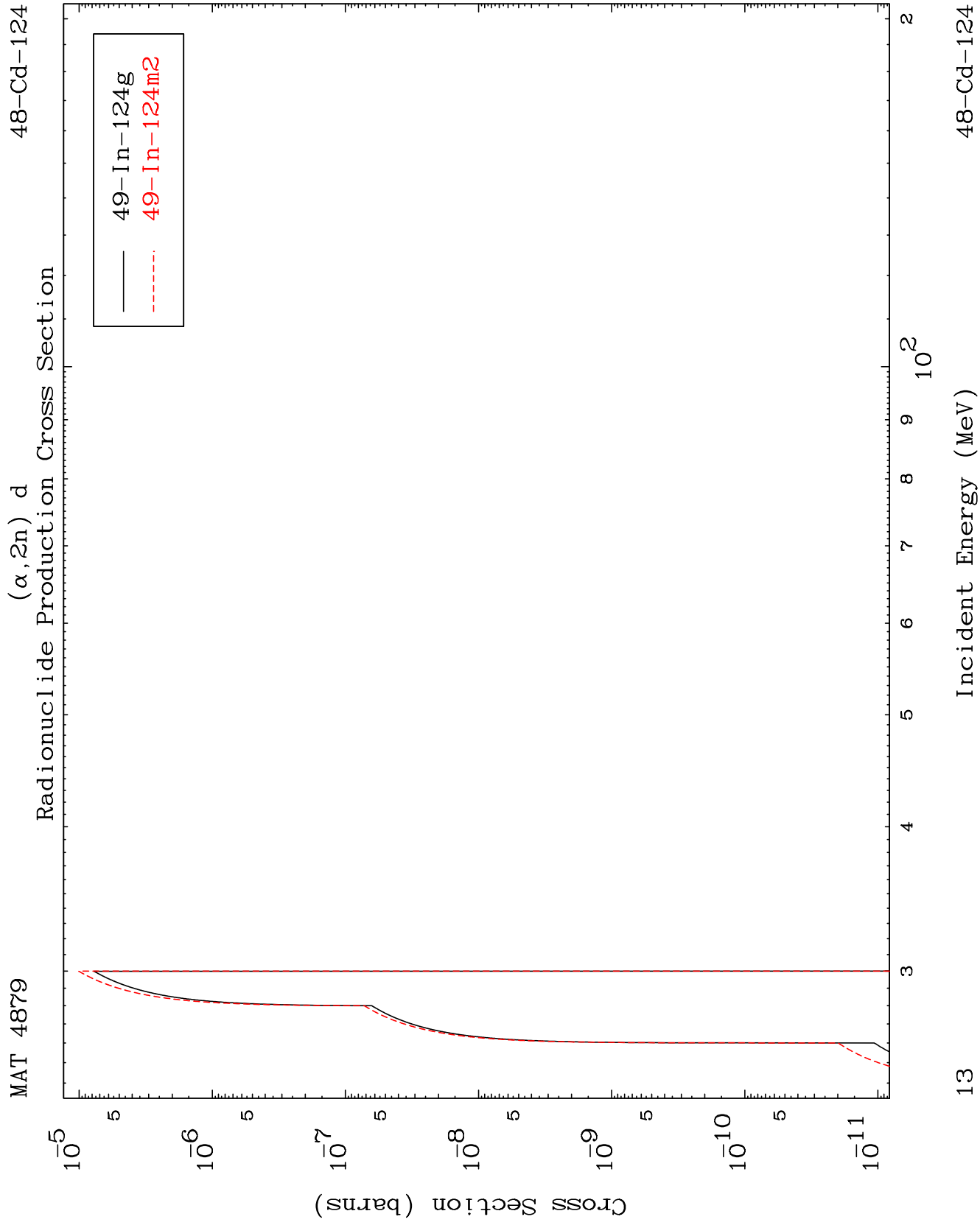
48-Cd-124

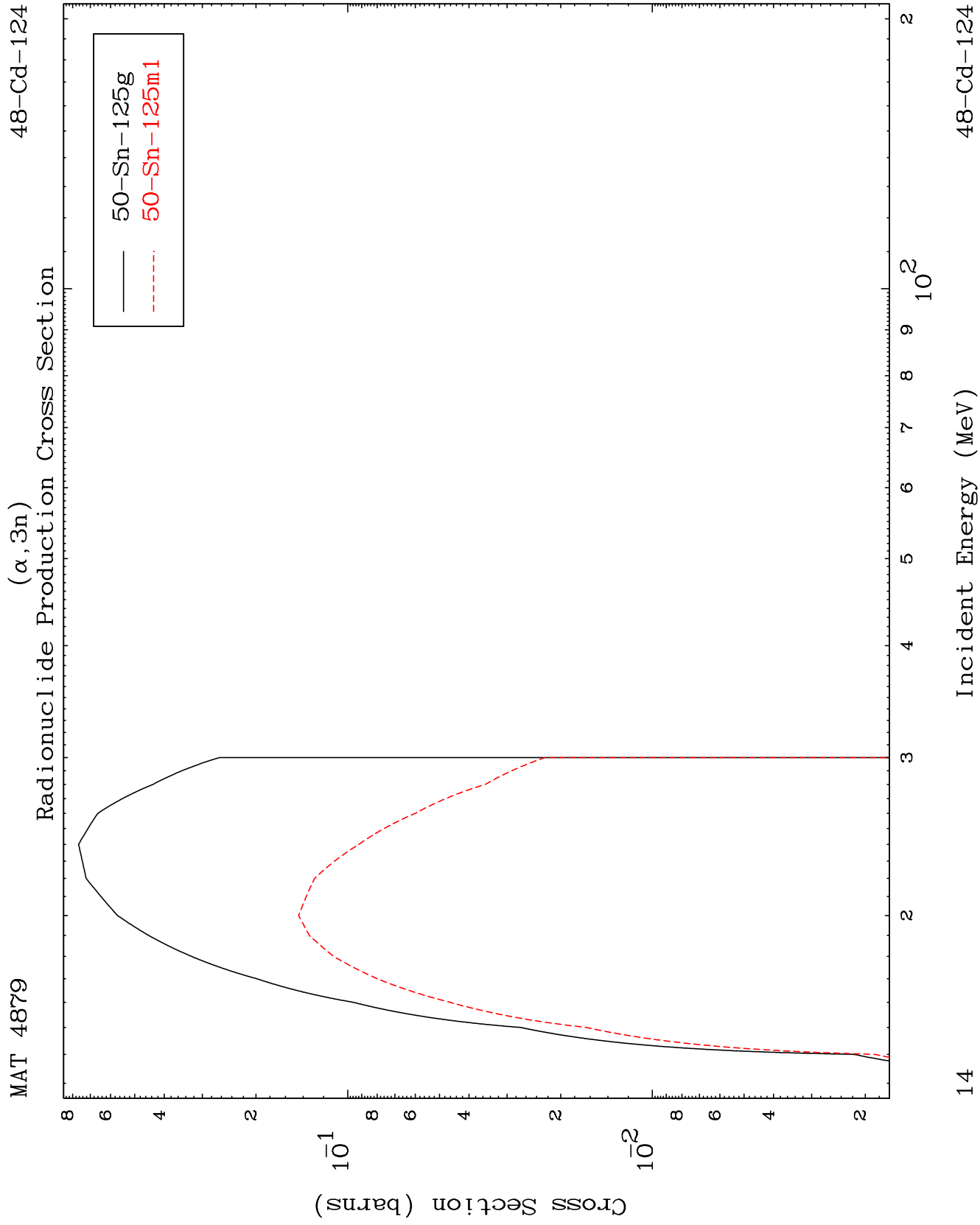


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Incident Energy (MeV)

48-Cd-124



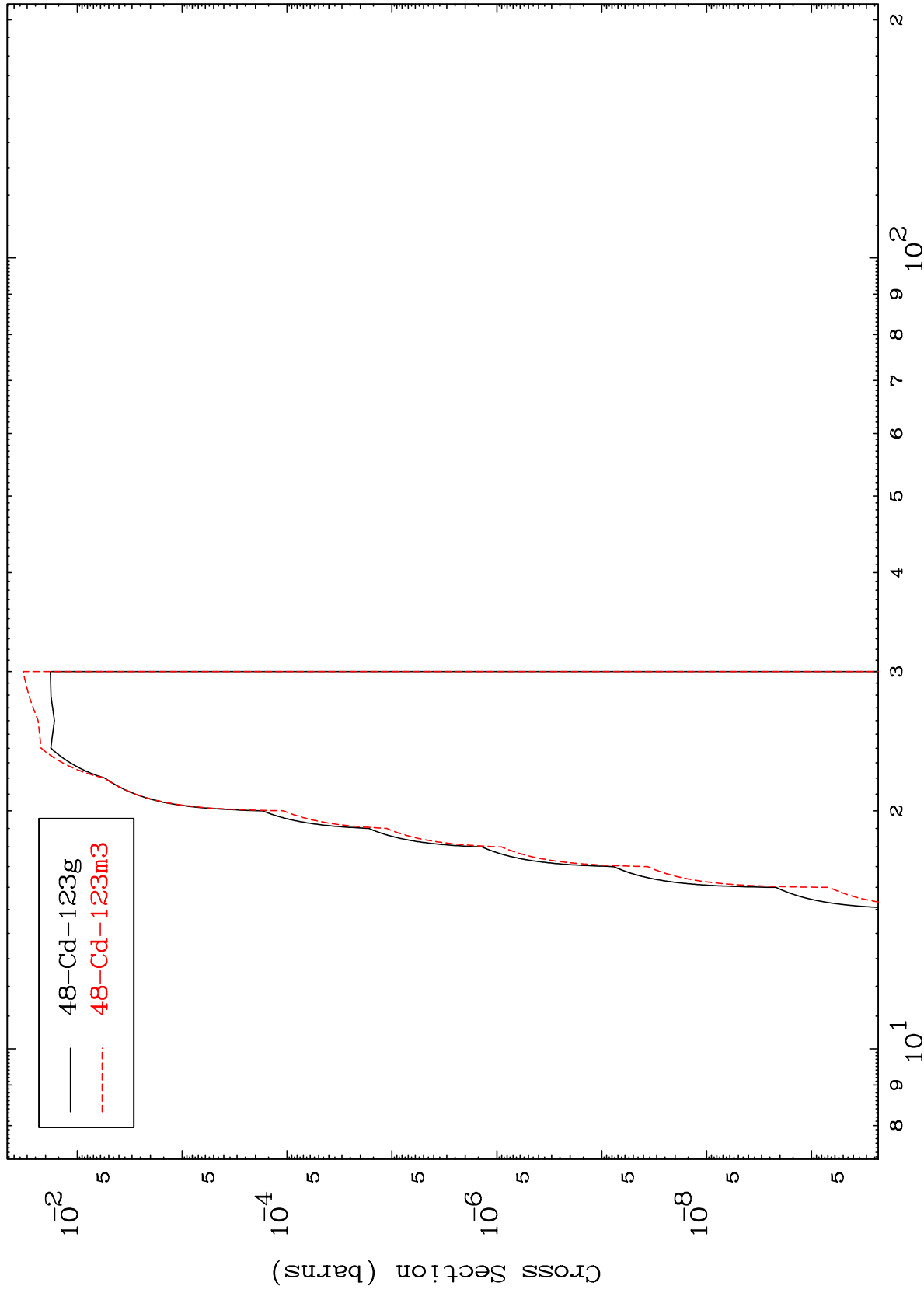


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$(\alpha, n')$   $\alpha$

48-Cd-124

Radionuclide Production Cross Section



15

Incident Energy (MeV)

48-Cd-124

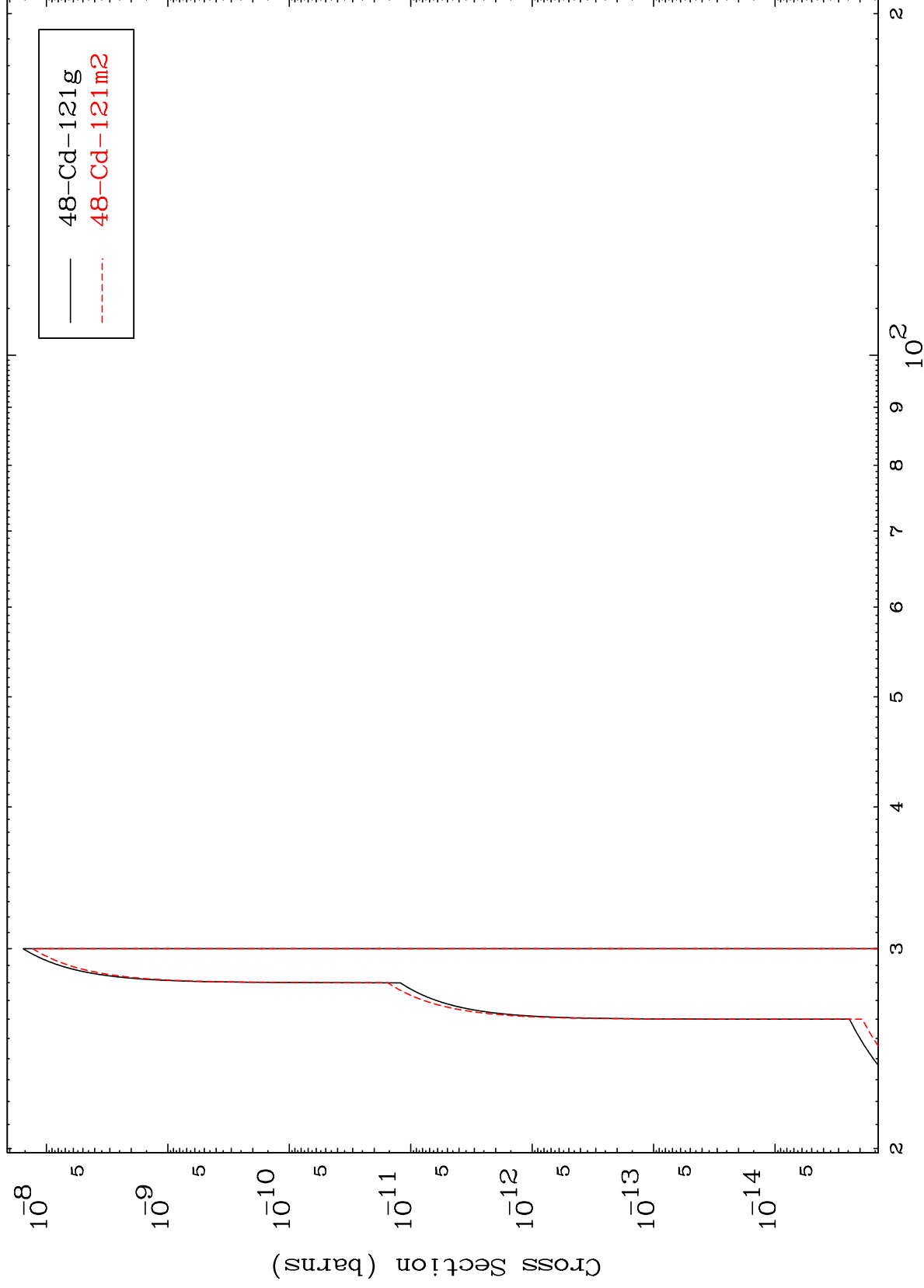


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$(\alpha, 3n) \alpha$

48-Cd-124

Radionuclide Production Cross Section



16

Incident Energy (MeV)

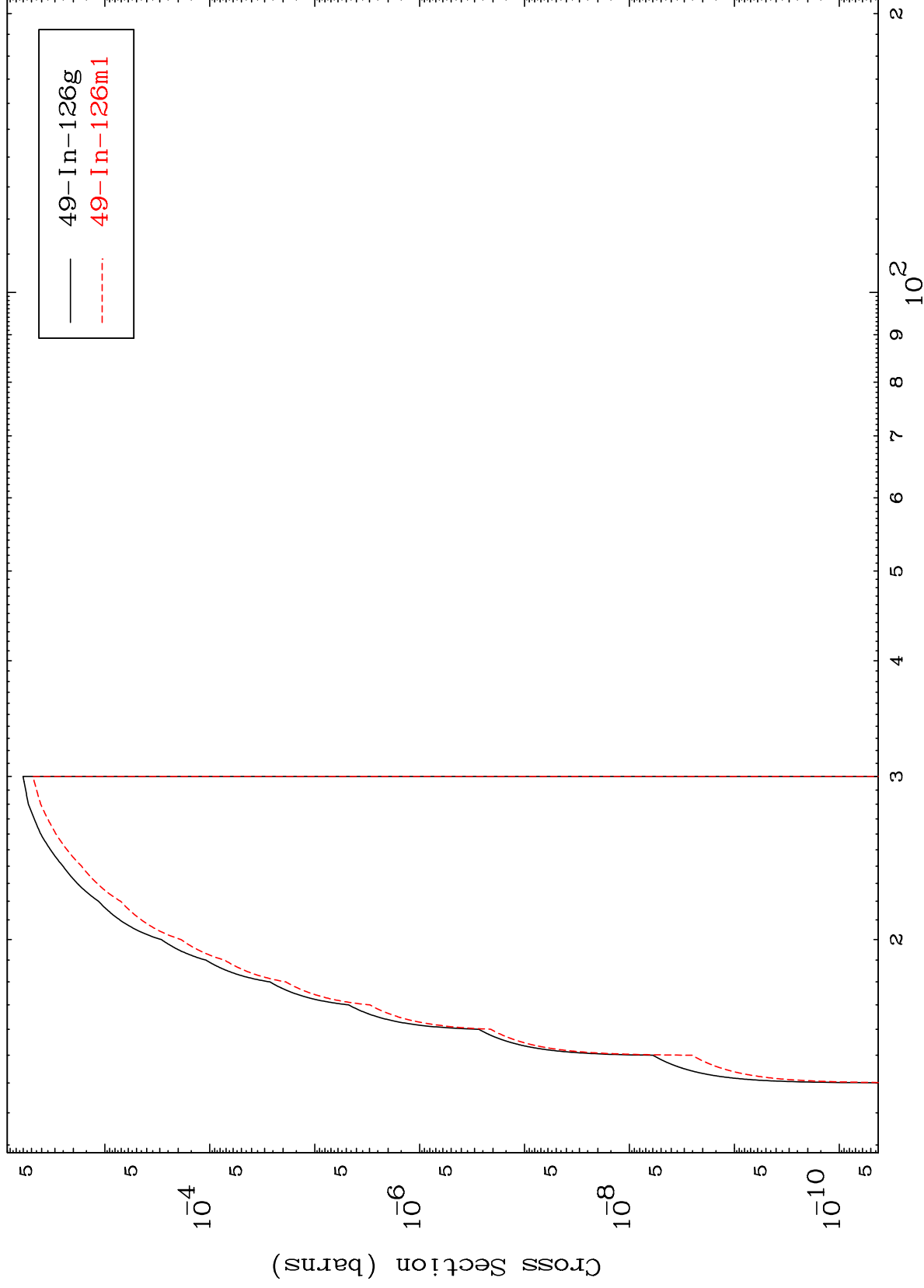
48-Cd-124

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$(\alpha, n')$  p

48-Cd-124

Radionuclide Production Cross Section



17

Incident Energy (MeV)

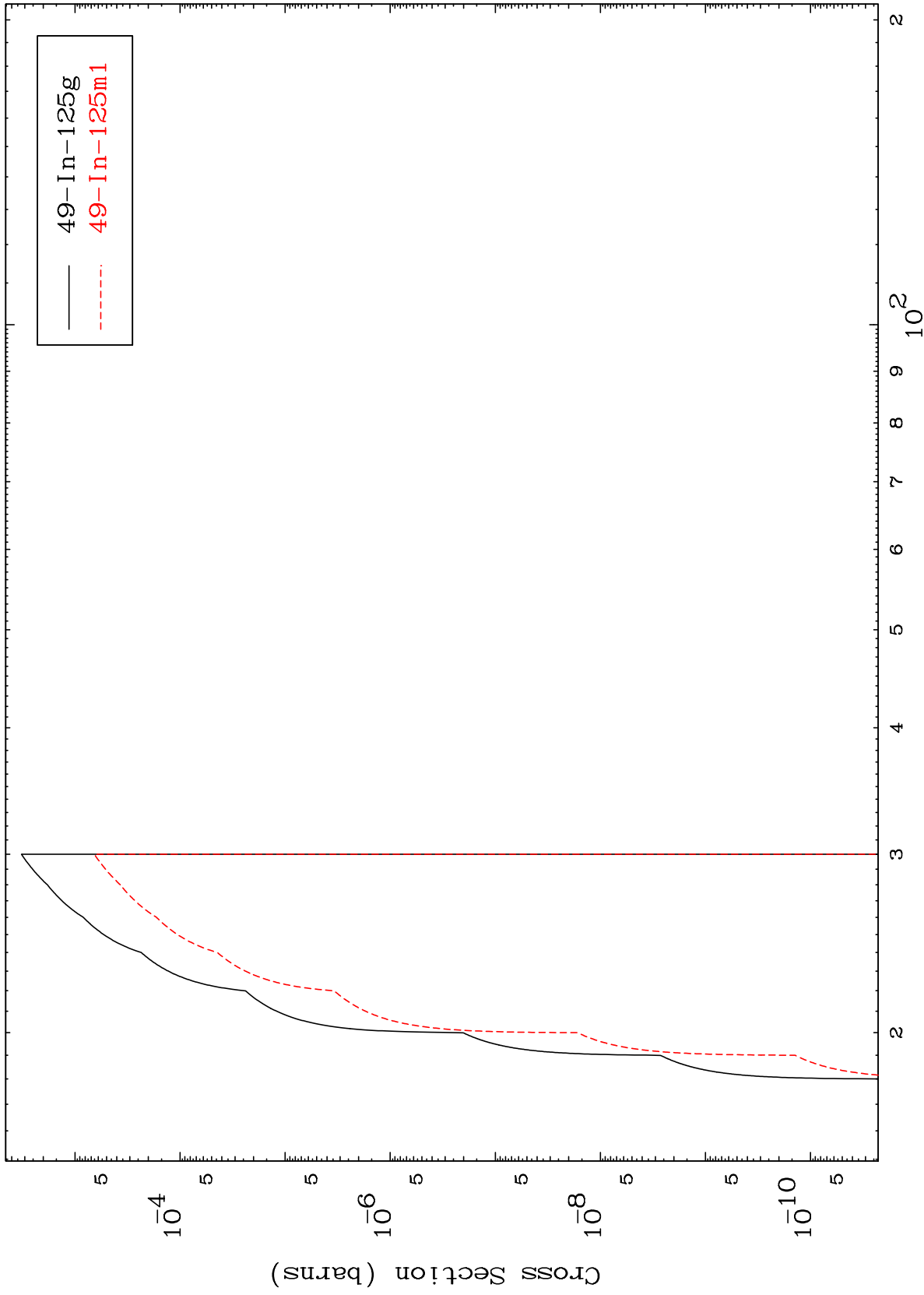
48-Cd-124

MAT 4879

$(\alpha, n')$  d

Radionuclide Production Cross Section

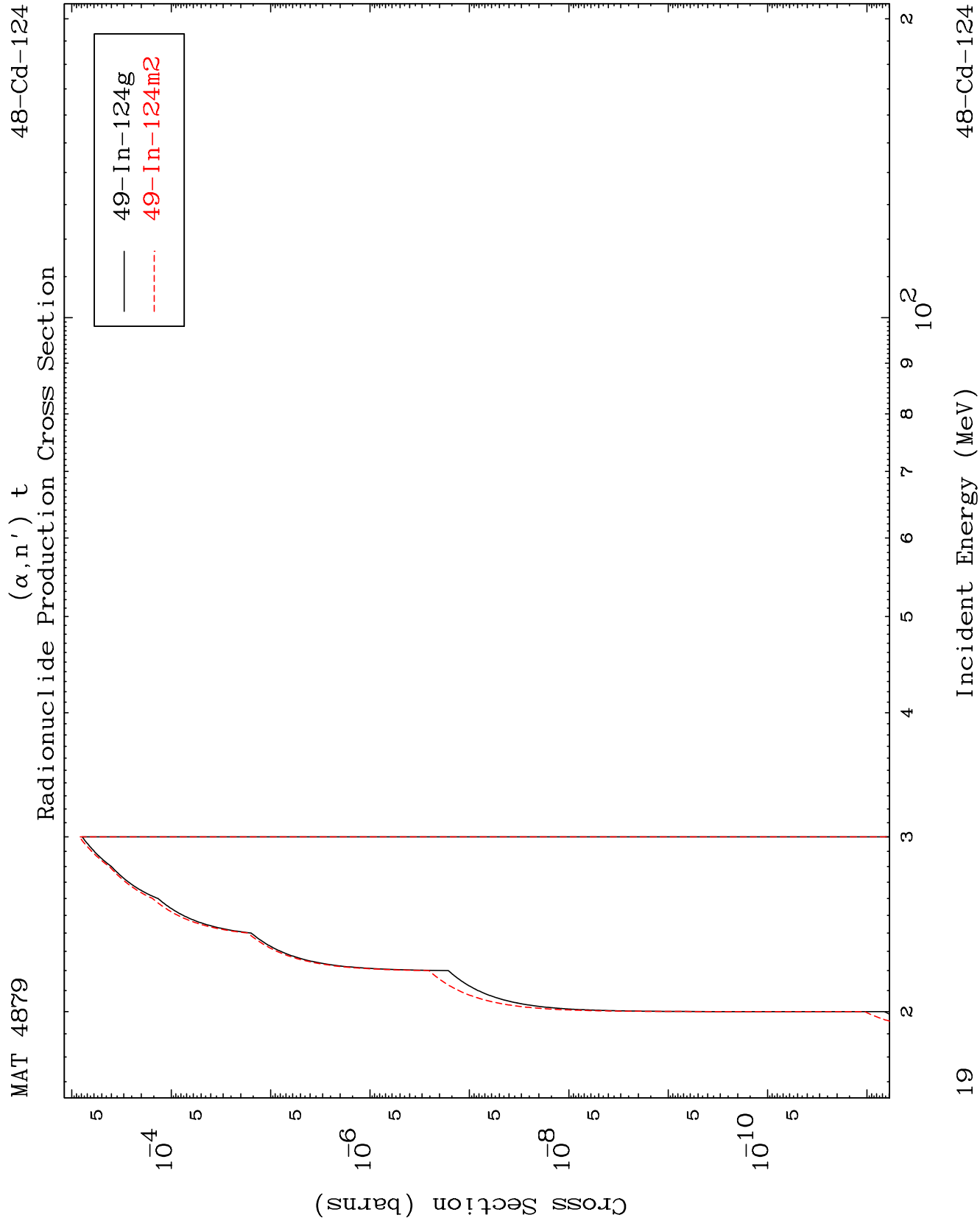
48-Cd-124



18

Incident Energy (MeV)

48-Cd-124

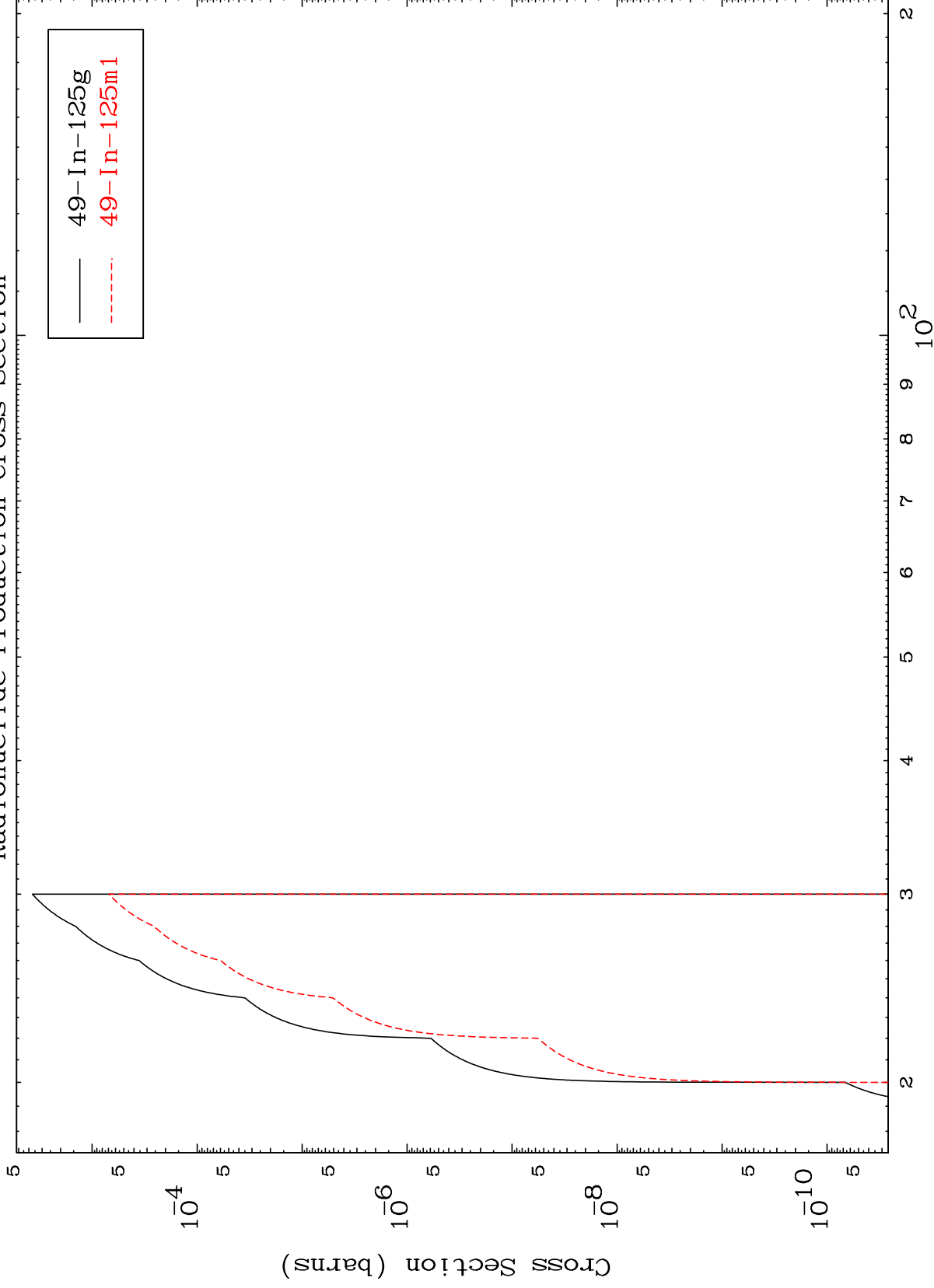


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$(\alpha, 2n)$  p

48-Cd-124

Radionuclide Production Cross Section



20

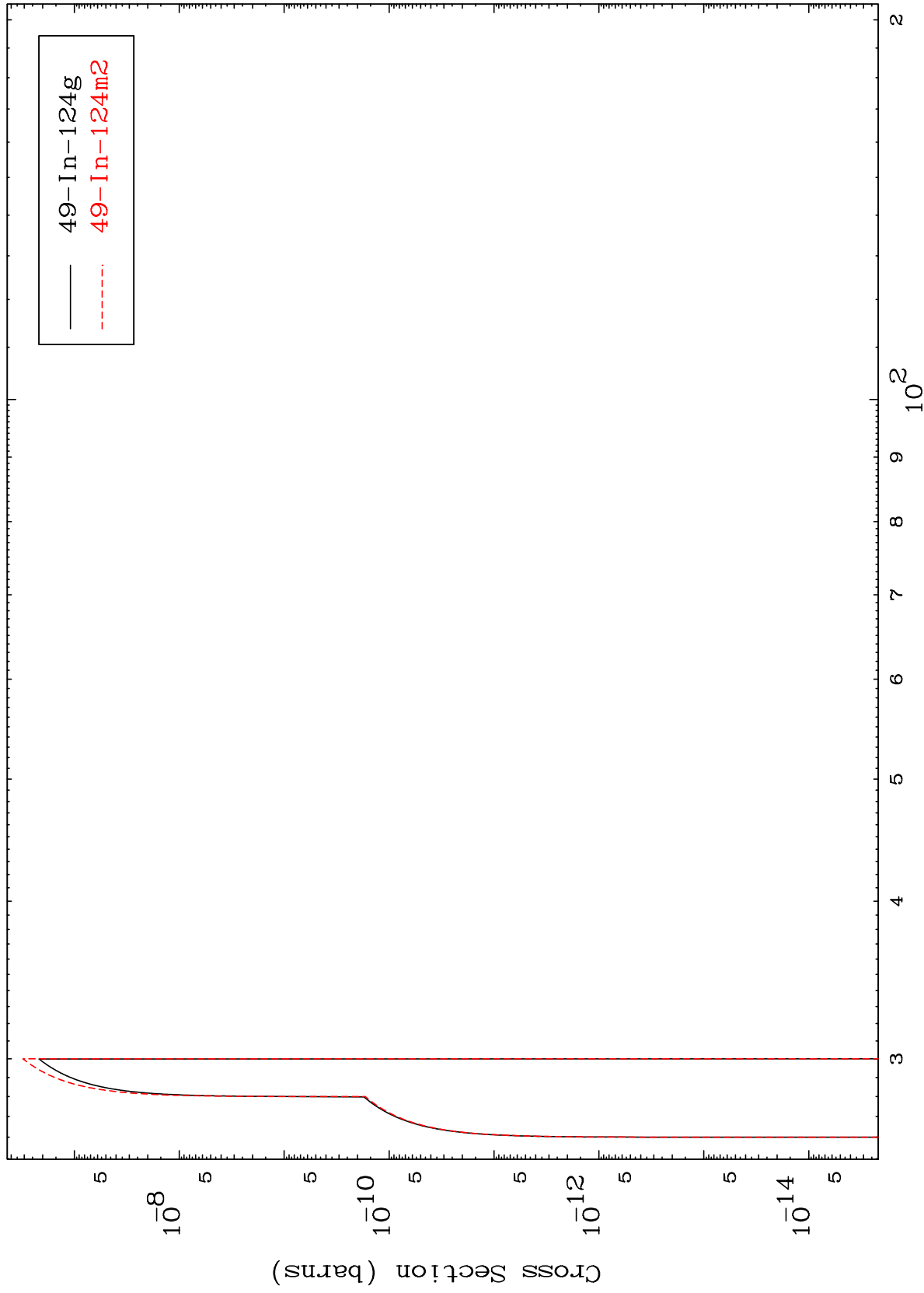
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

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



21

Incident Energy (MeV)

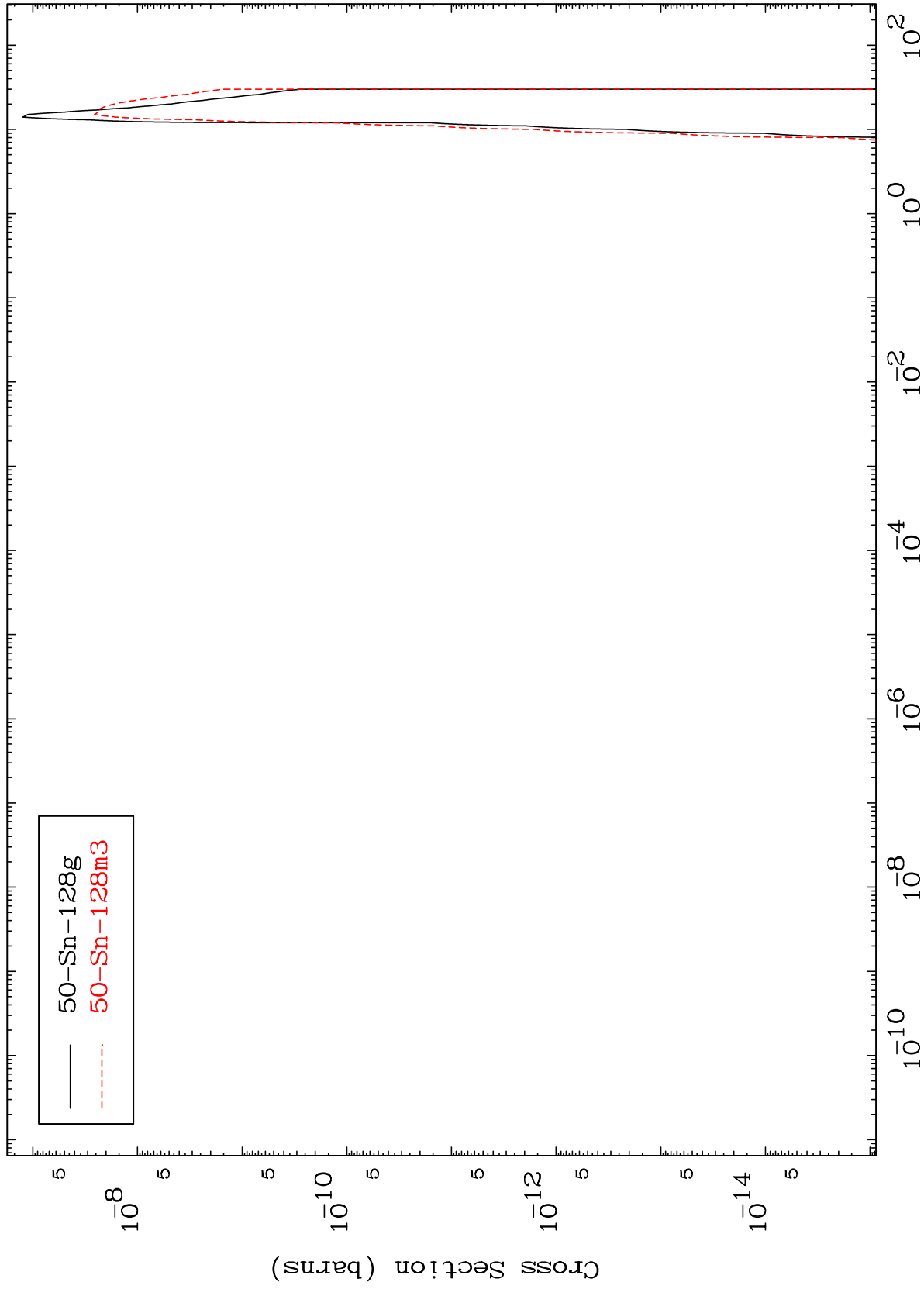
48-Cd-124

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$(\alpha, \gamma)$

48-Cd-124

Radionuclide Production Cross Section



22

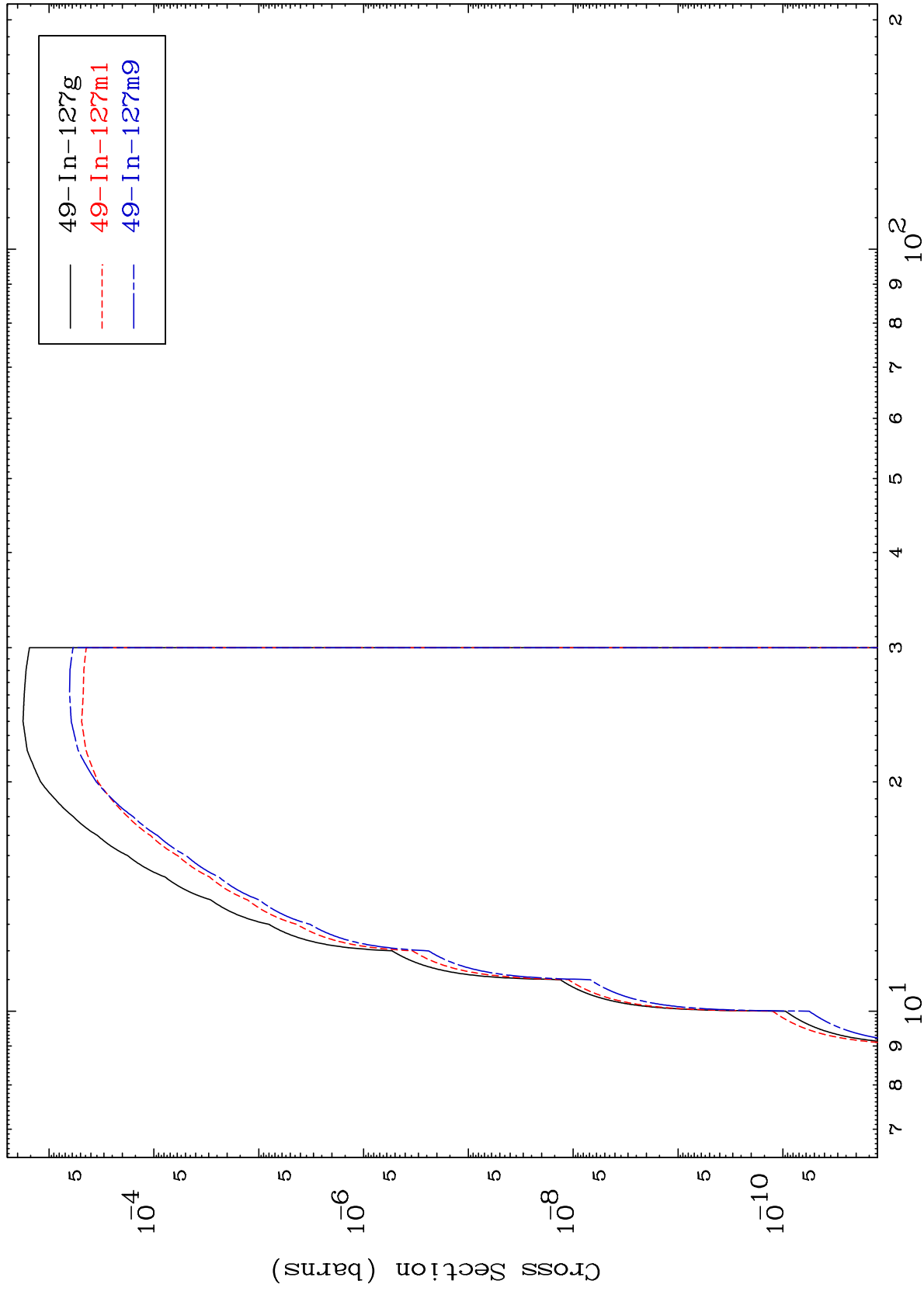
Incident Energy (MeV)

48-Cd-124

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48-Cd-124

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



23

Incident Energy (MeV)

48-Cd-124



