

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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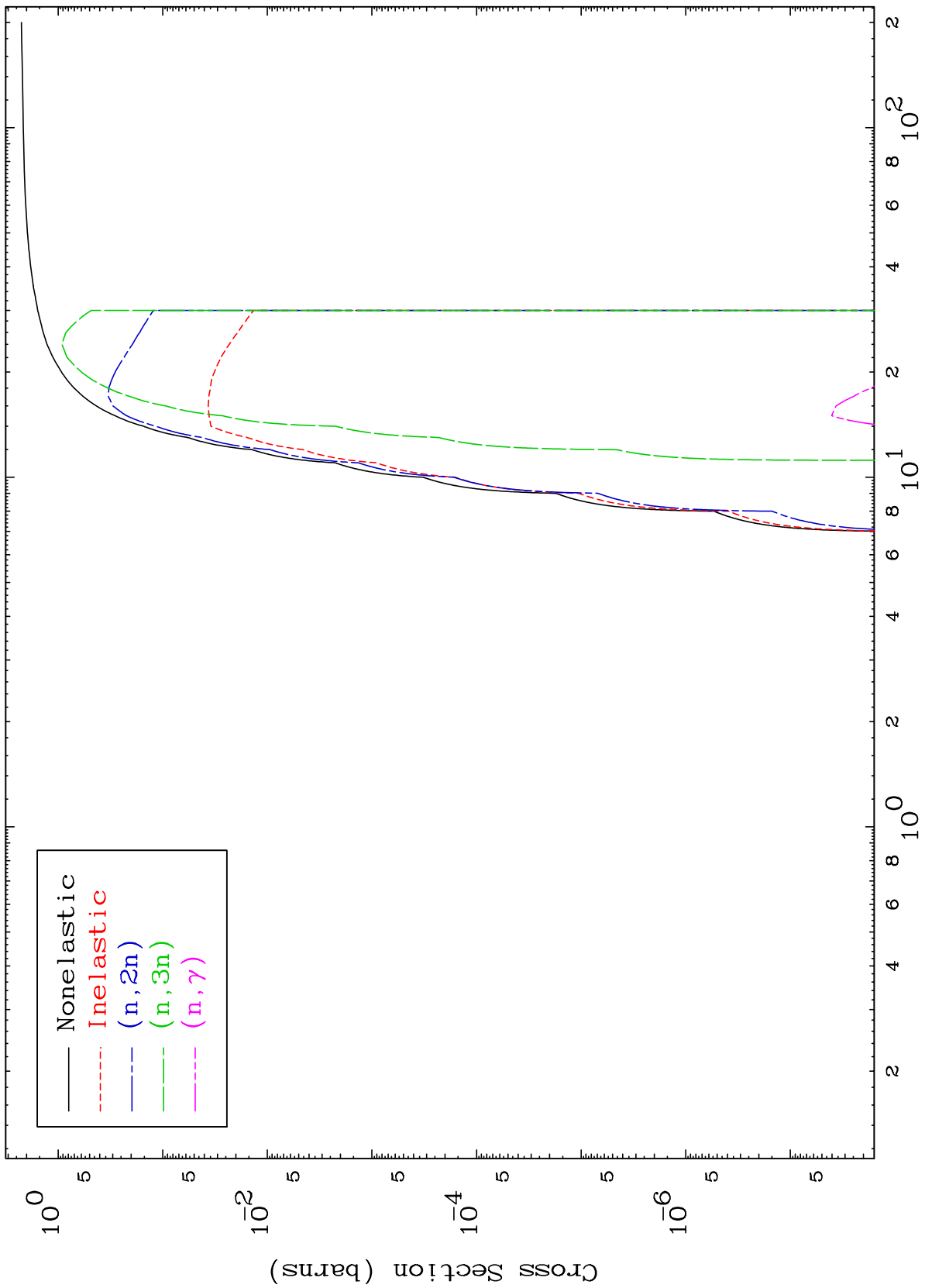
Press Mouse Button to Start

MAT 4877

$\alpha$  Major

48-Cd-123m

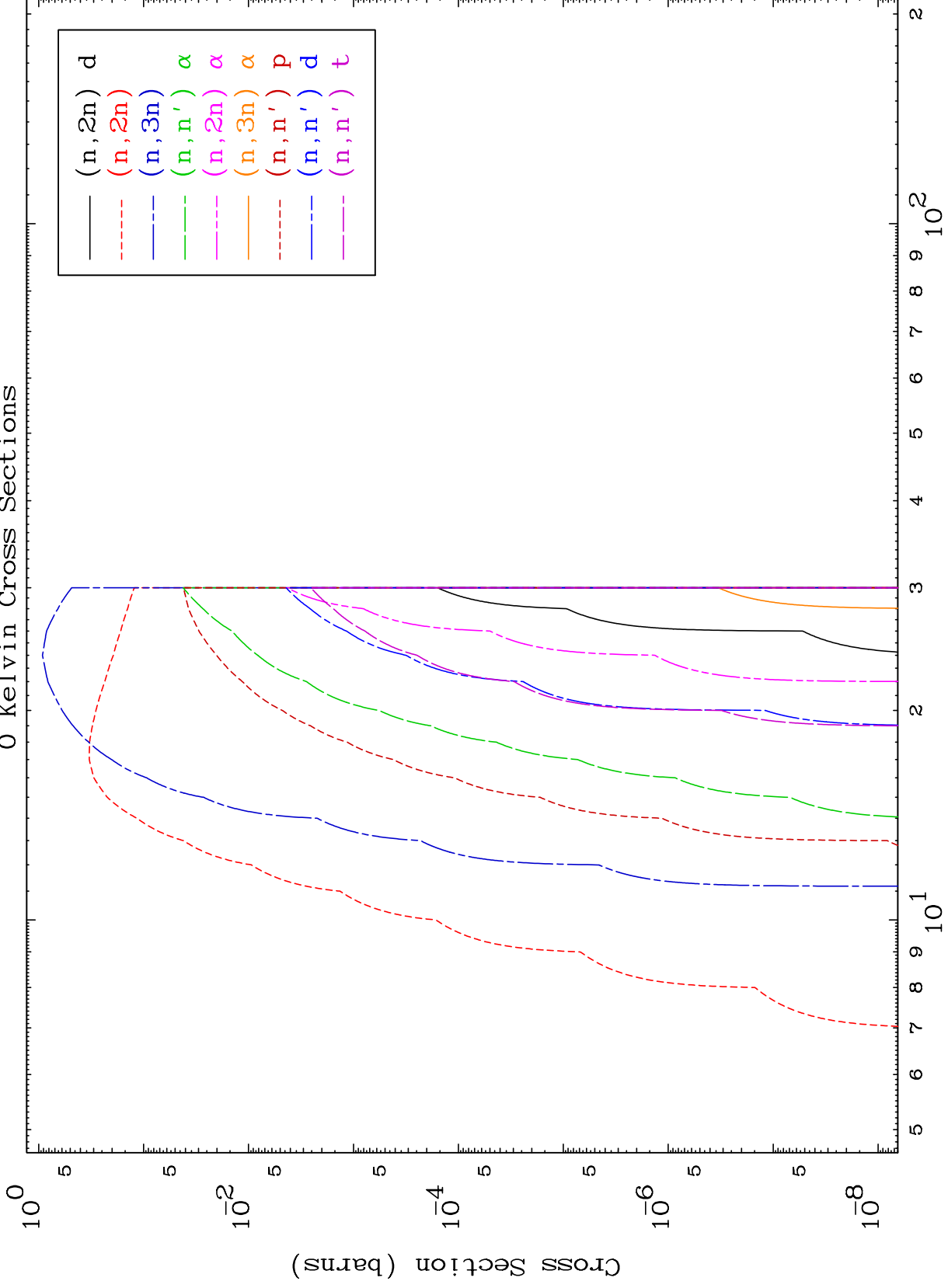
0 Kelvin Cross Sections



MAT 4877

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

48-Cd-123m



2

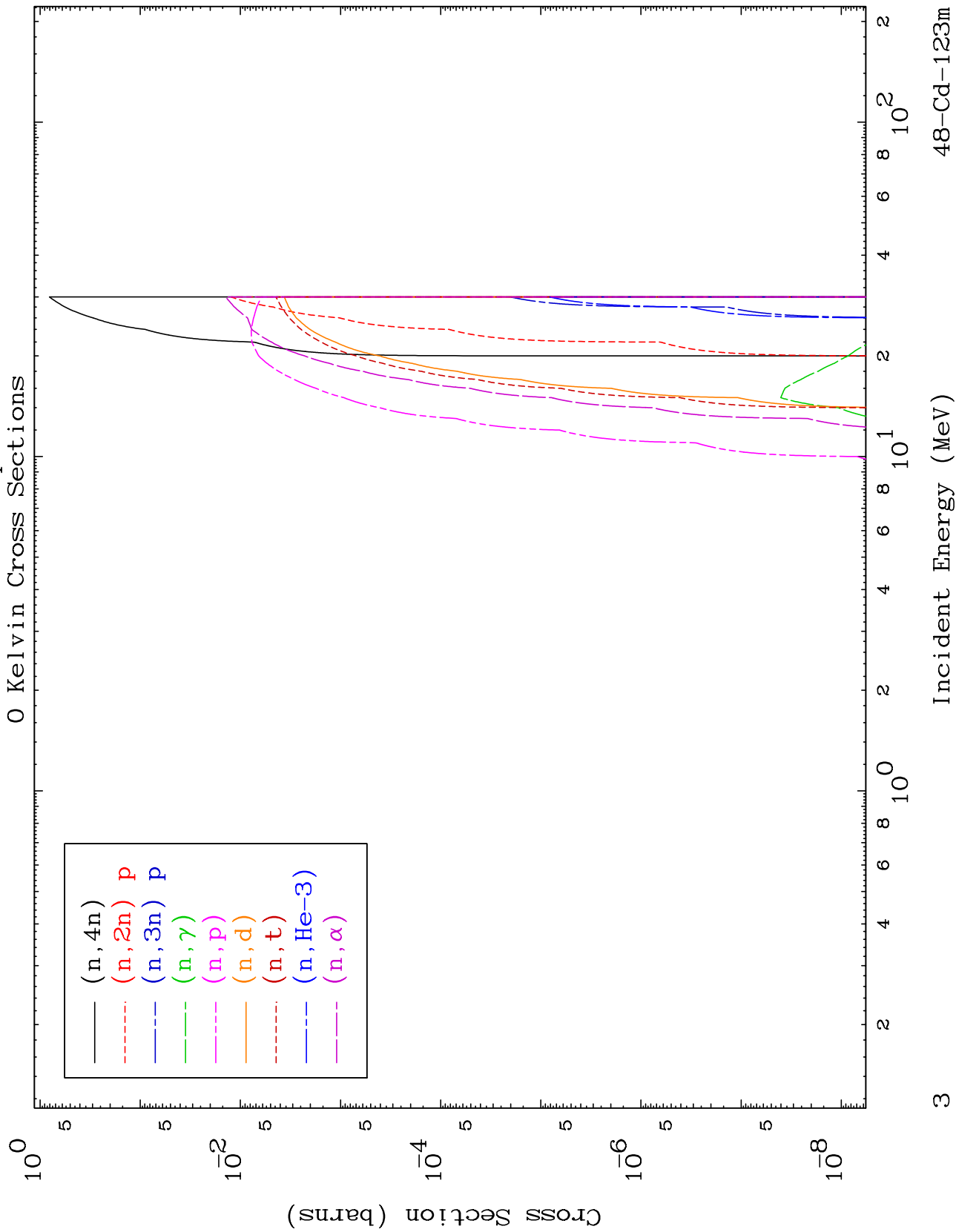
Incident Energy (MeV)

48-Cd-123m

MAT 4877

$\alpha$  Neutron Absorption

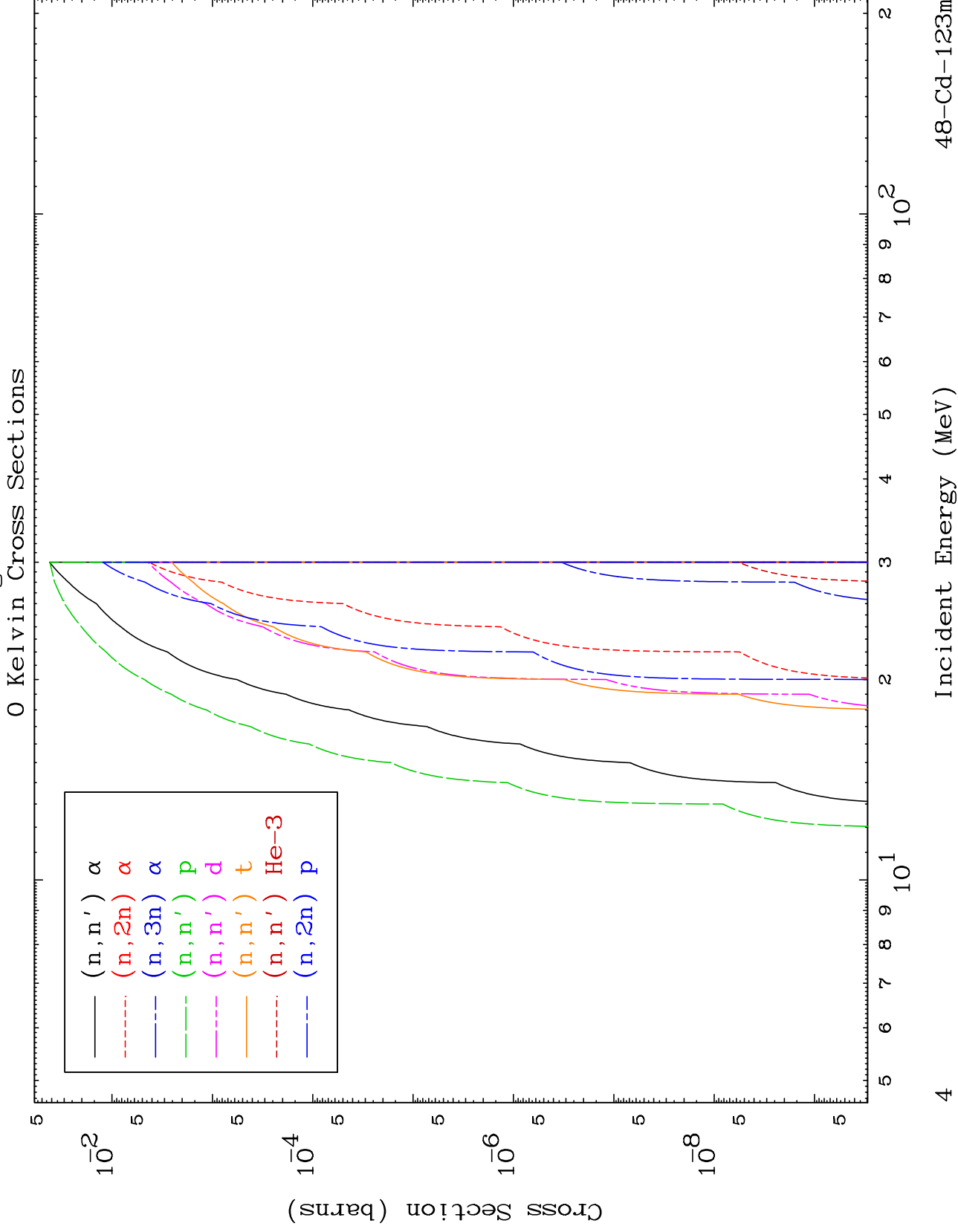
48-Cd-123m



MAT 4877

$\alpha$  Charged Particle

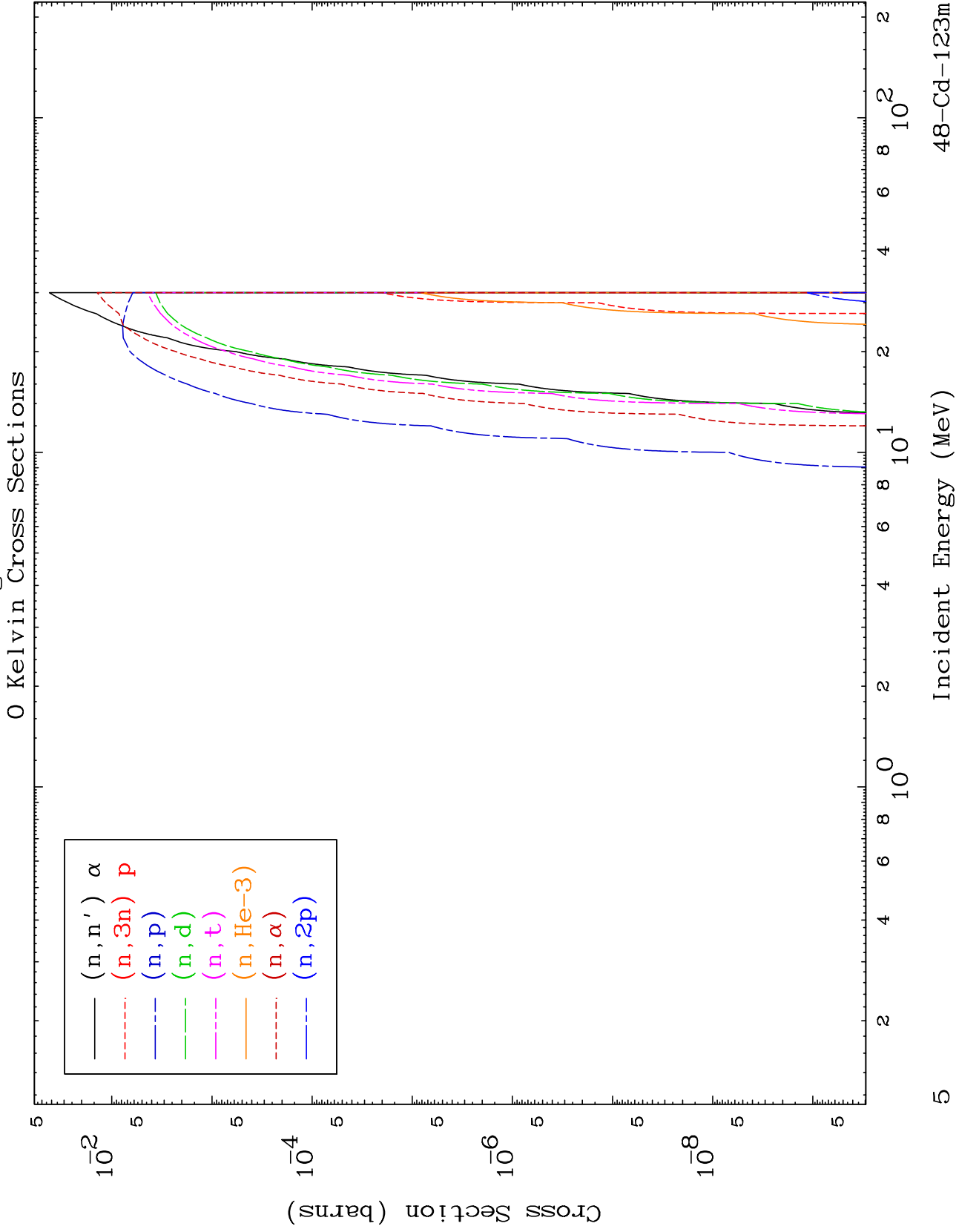
48-Cd-123m



MAT 4877

$\alpha$  Charged Particle

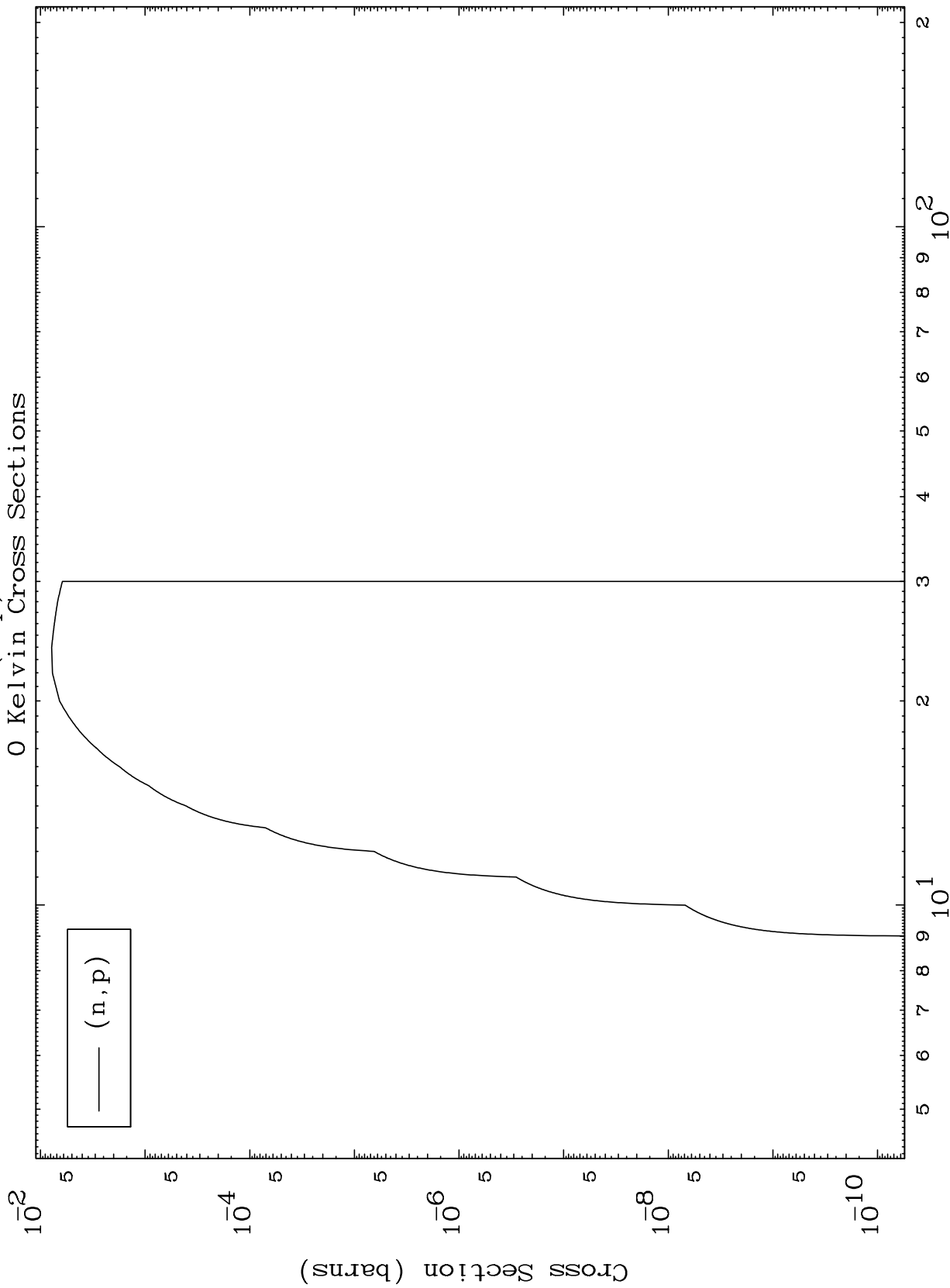
48-Cd-123m



MAT 4877

( $\alpha, p$ ) Levels

48-Cd-123m



6

Incident Energy (MeV)

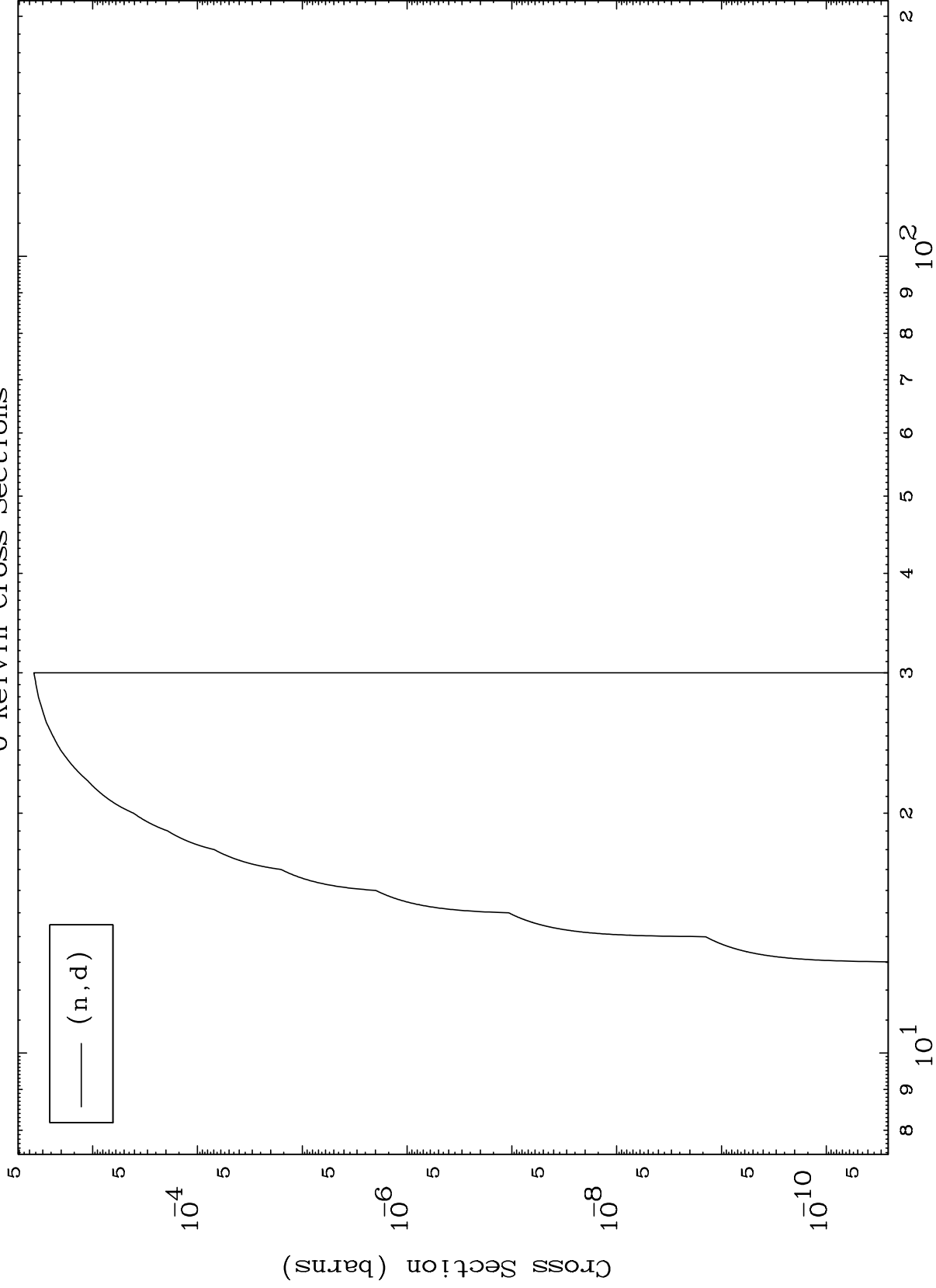
48-Cd-123m

MAT 4877

( $\alpha, d$ ) Levels

48-Cd-123m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

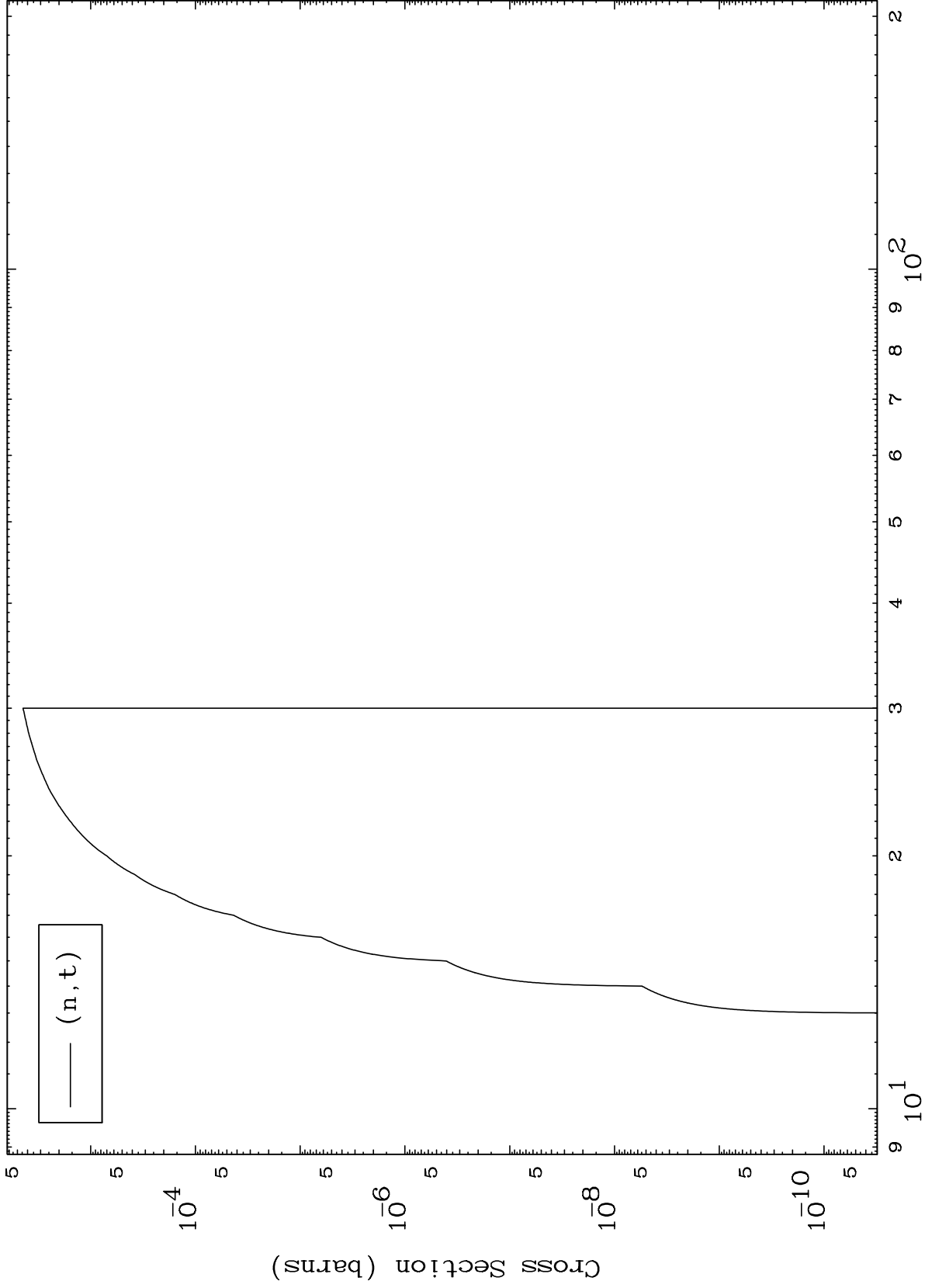
48-Cd-123m

MAT 4877

( $\alpha, t$ ) Levels

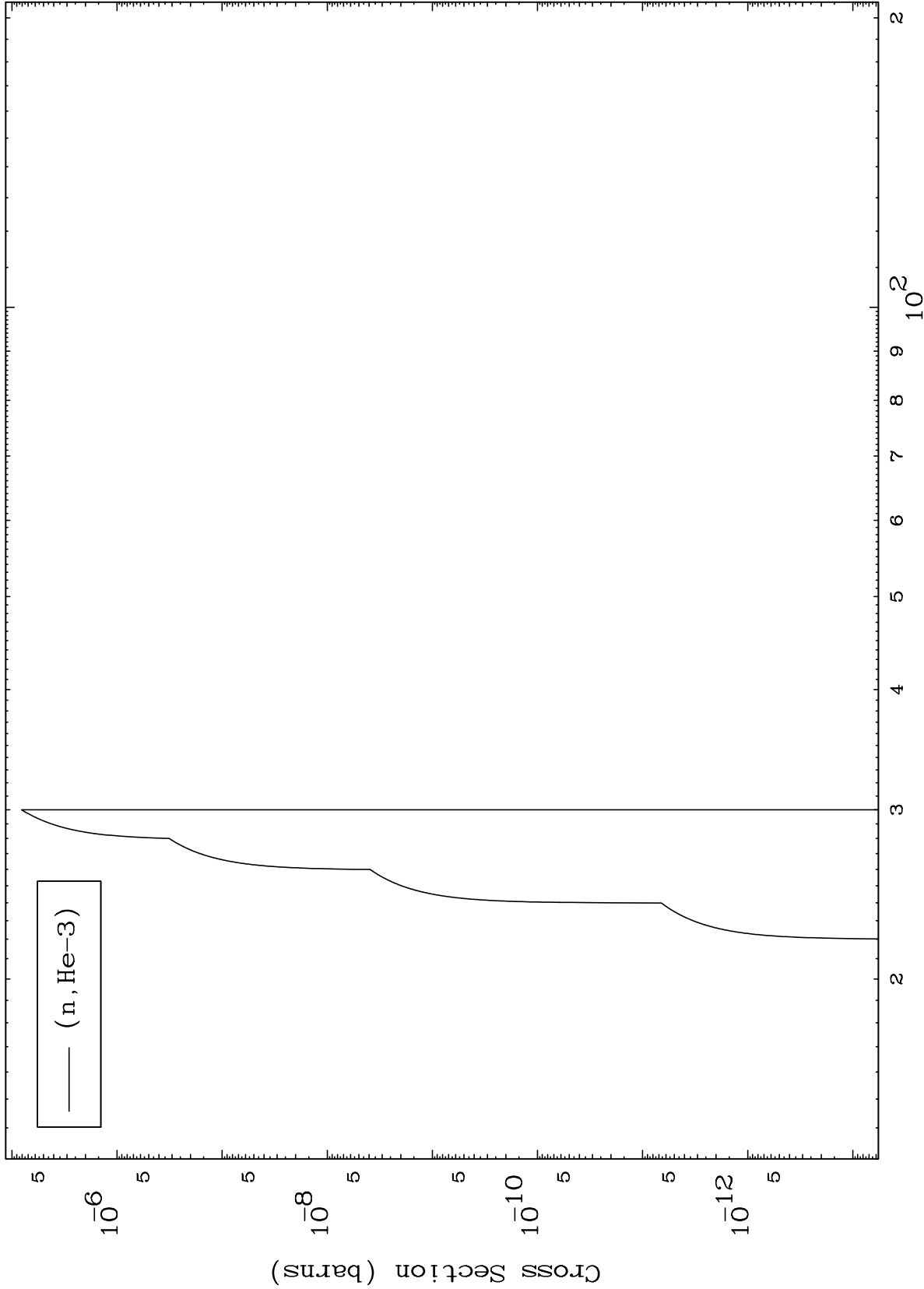
48-Cd-123m

0 Kelvin Cross Sections



Incident Energy (MeV)

48-Cd-123m

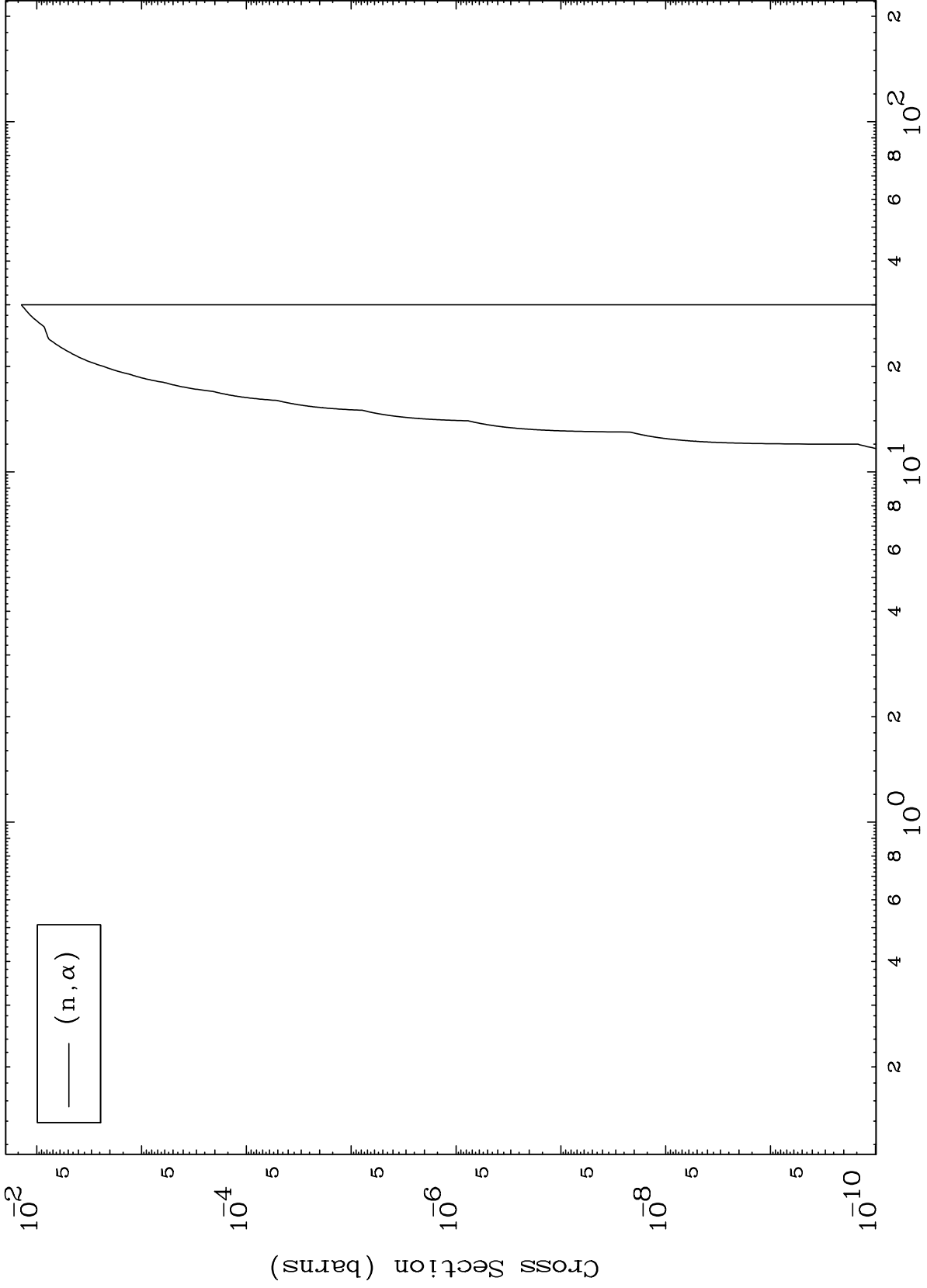


MAT 4877

( $\alpha, \alpha$ ) Levels

48-Cd-123m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

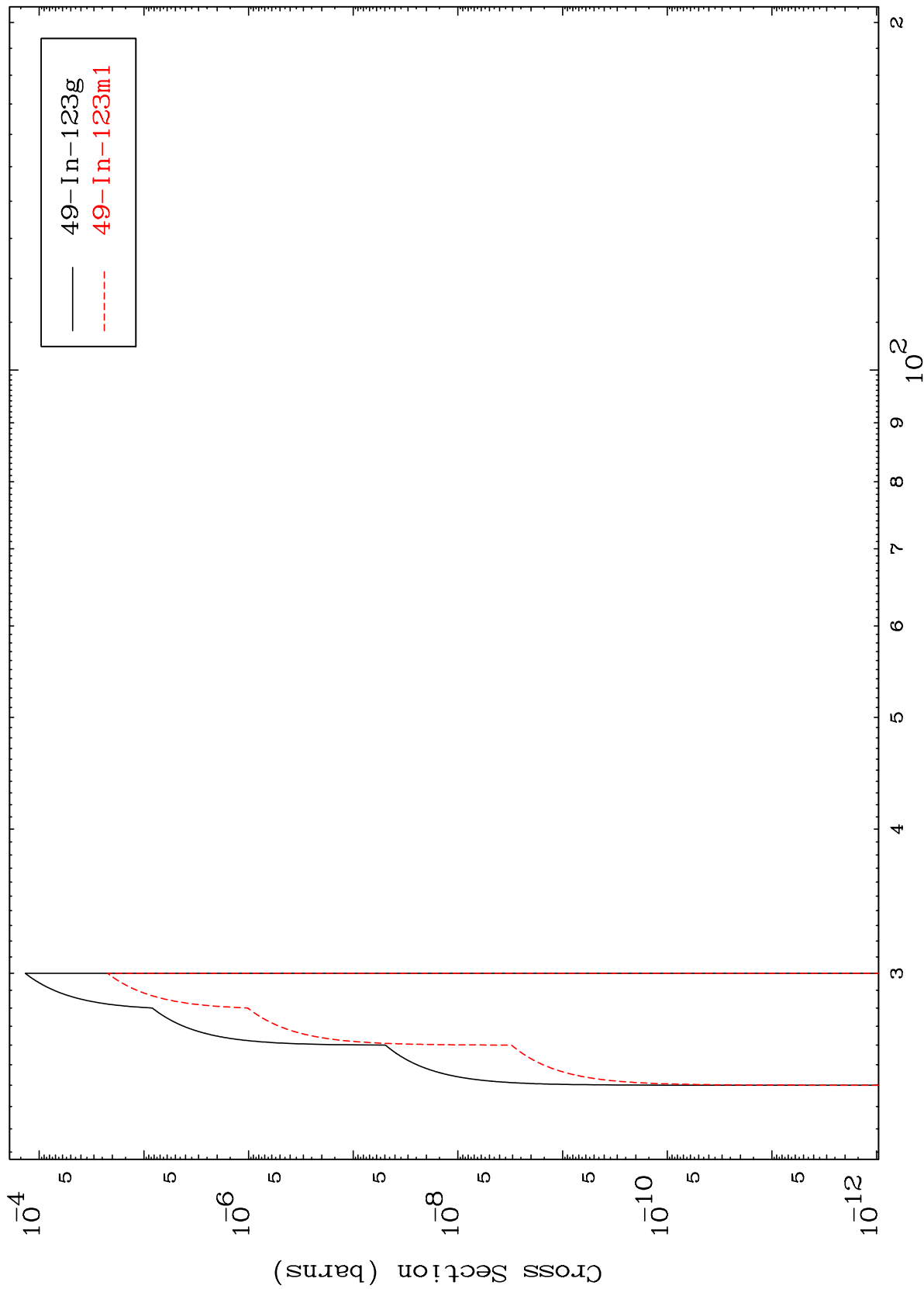
48-Cd-123m

MAT 48777

(n,2n) d

48-Cd-123m

Radionuclide Production Cross Section

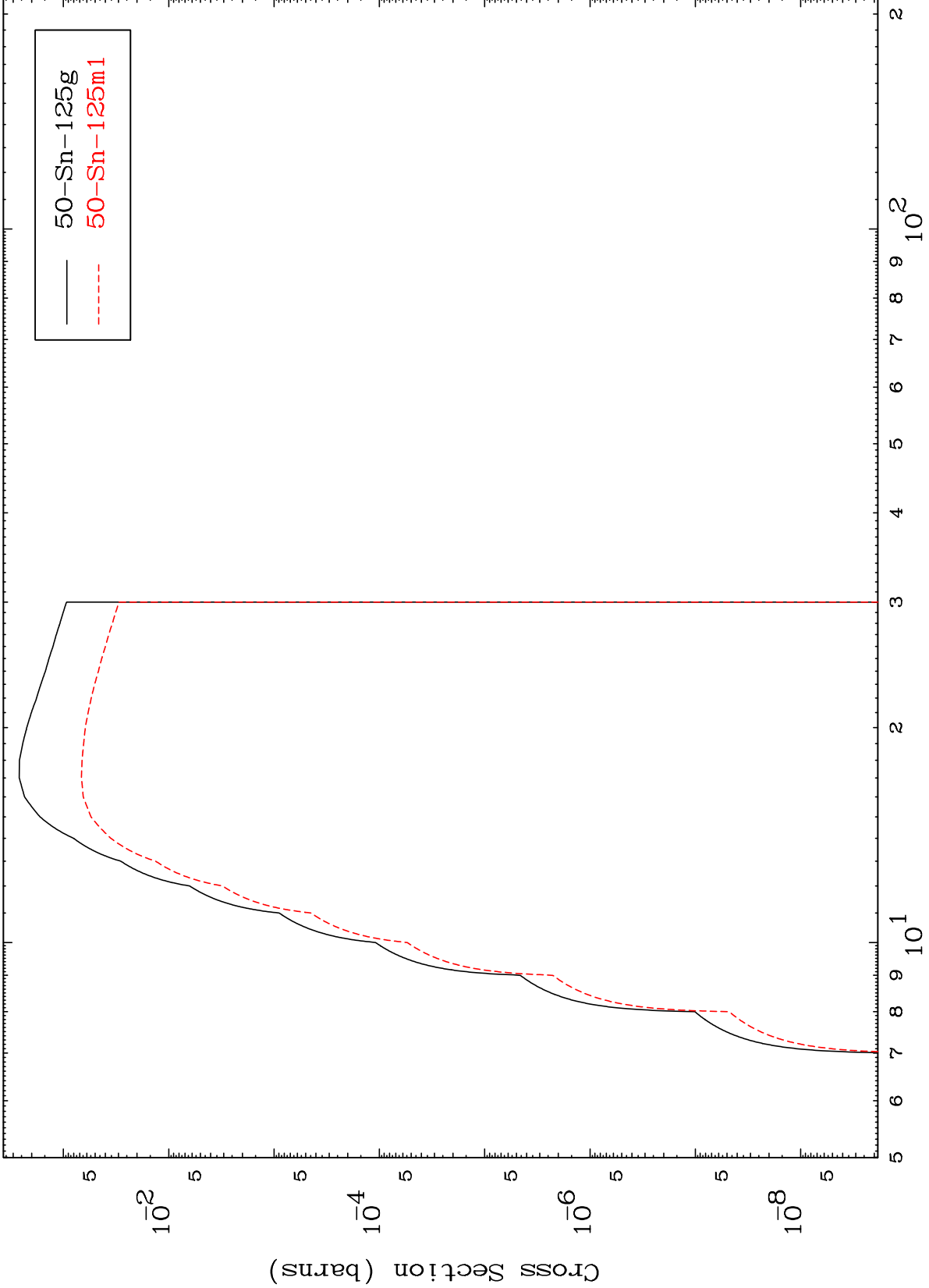


MAT 4877

(n,2n)

48-Cd-123m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

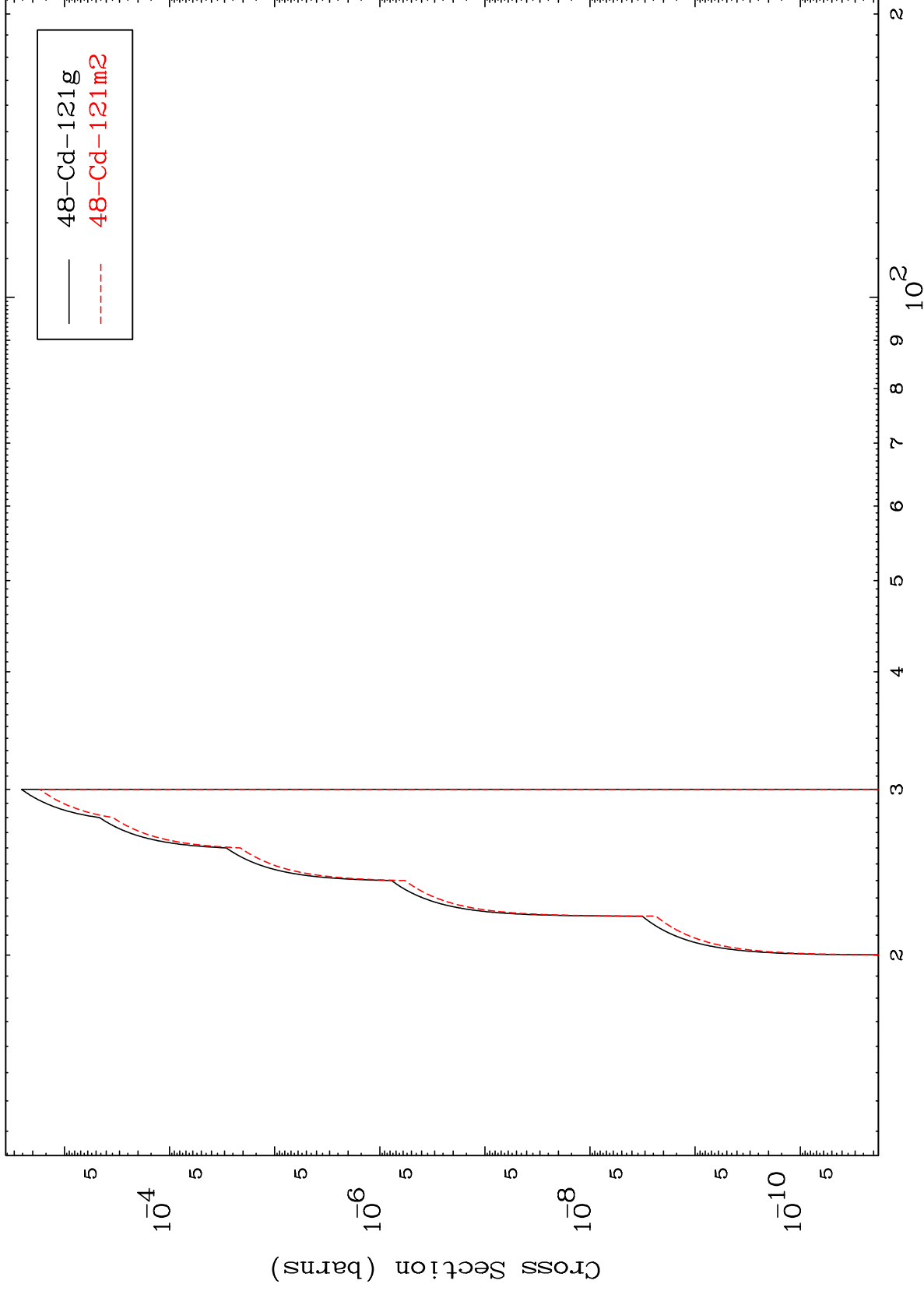
48-Cd-123m

MAT 4877

(n,2n)  $\alpha$

48-Cd-123m

Radionuclide Production Cross Section

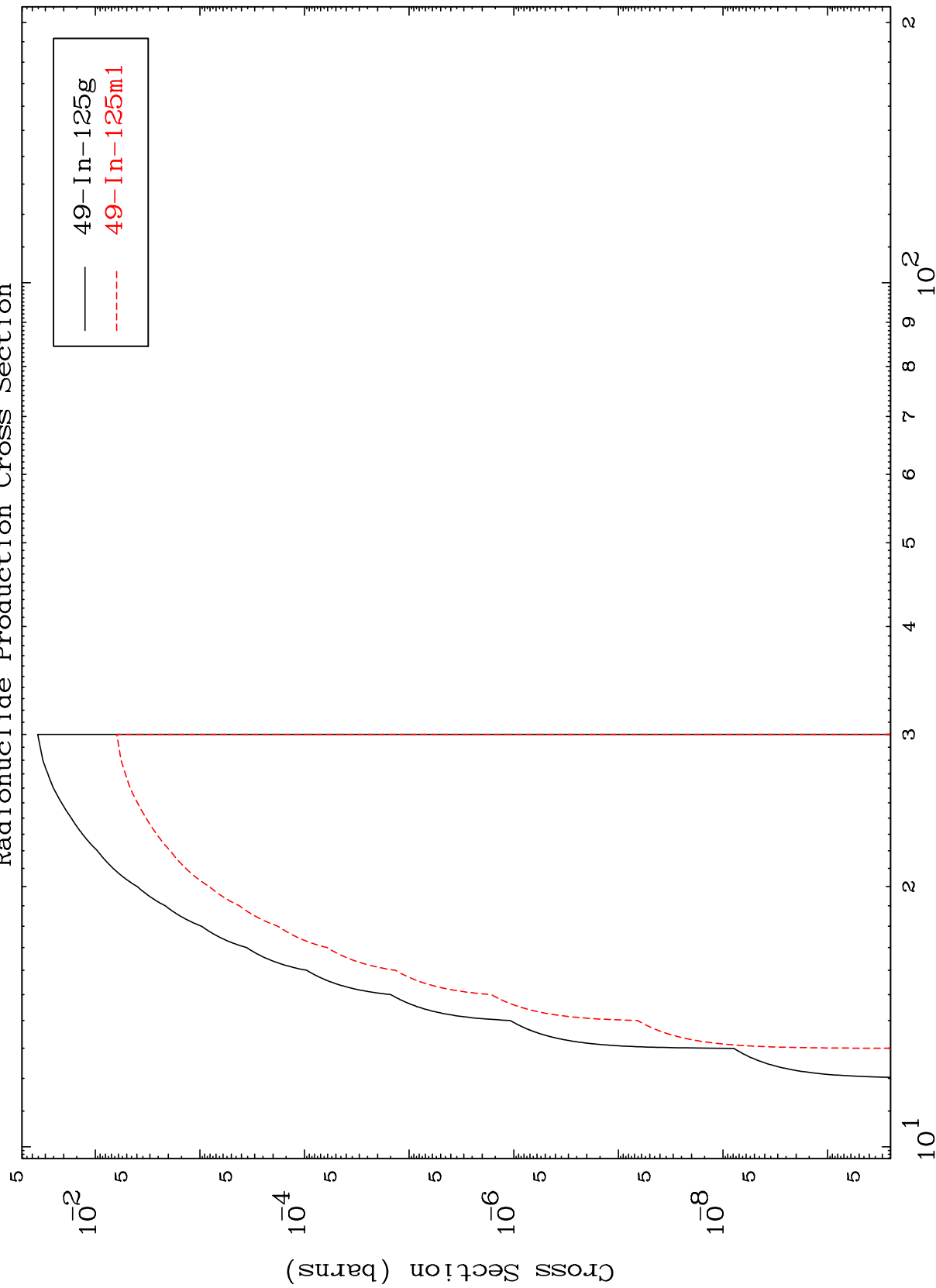


MAT 48777

(n,n') p

48-Cd-123m

Radionuclide Production Cross Section



Incident Energy (MeV)

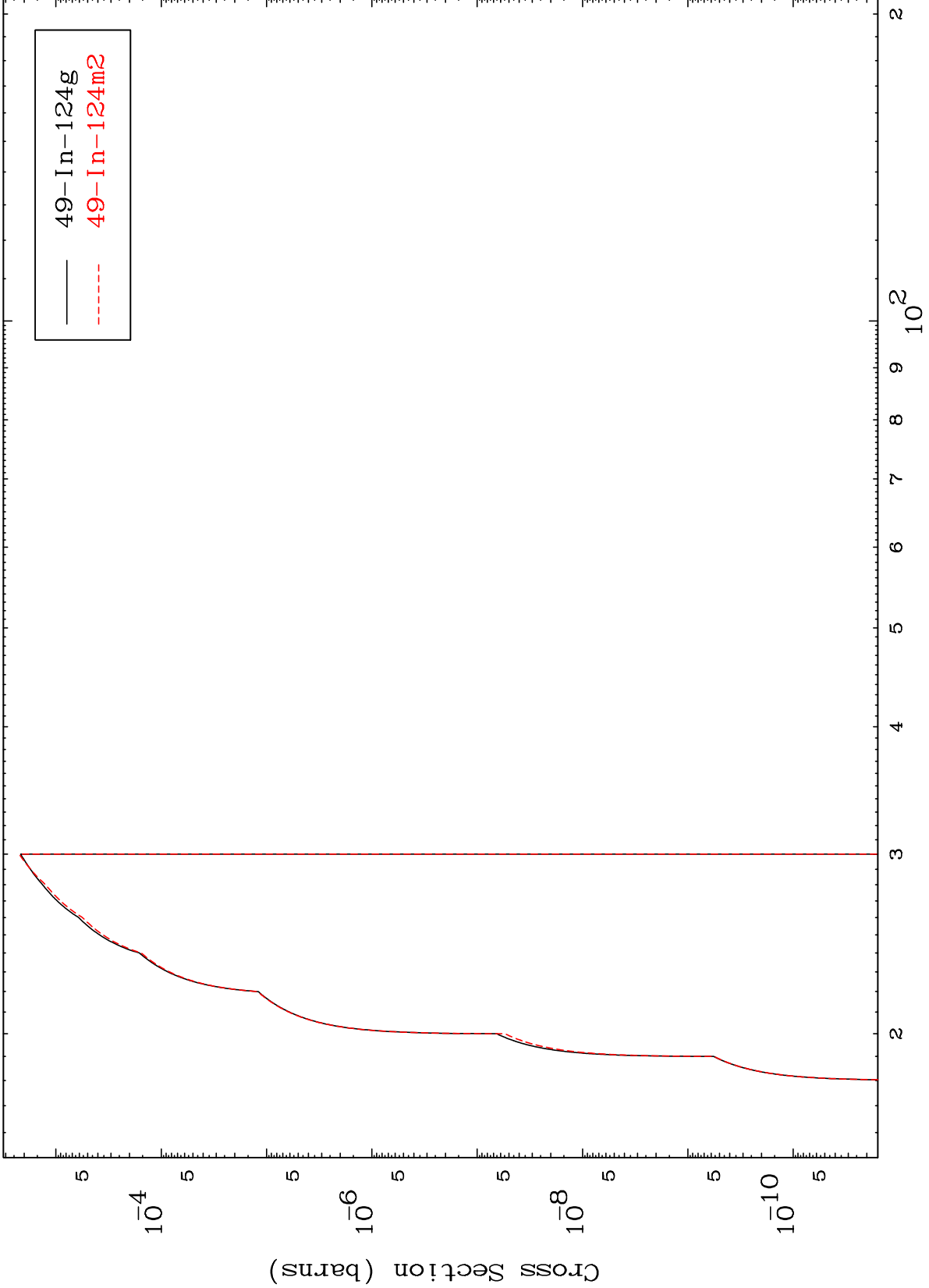
48-Cd-123m

MAT 4877

(n,n') d

48-Cd-123m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

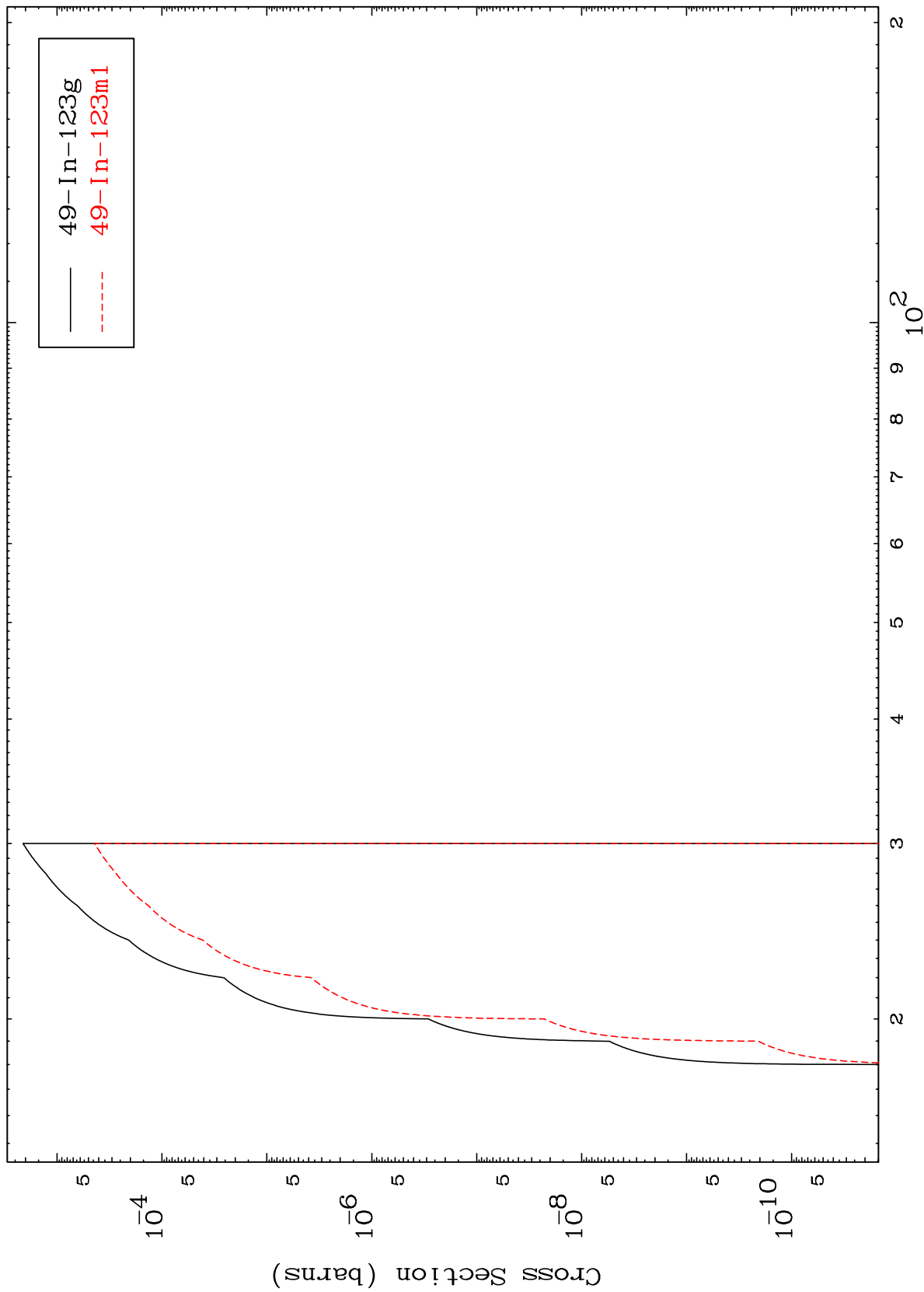
48-Cd-123m

MAT 4877

(n,n') t

48-Cd-123m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

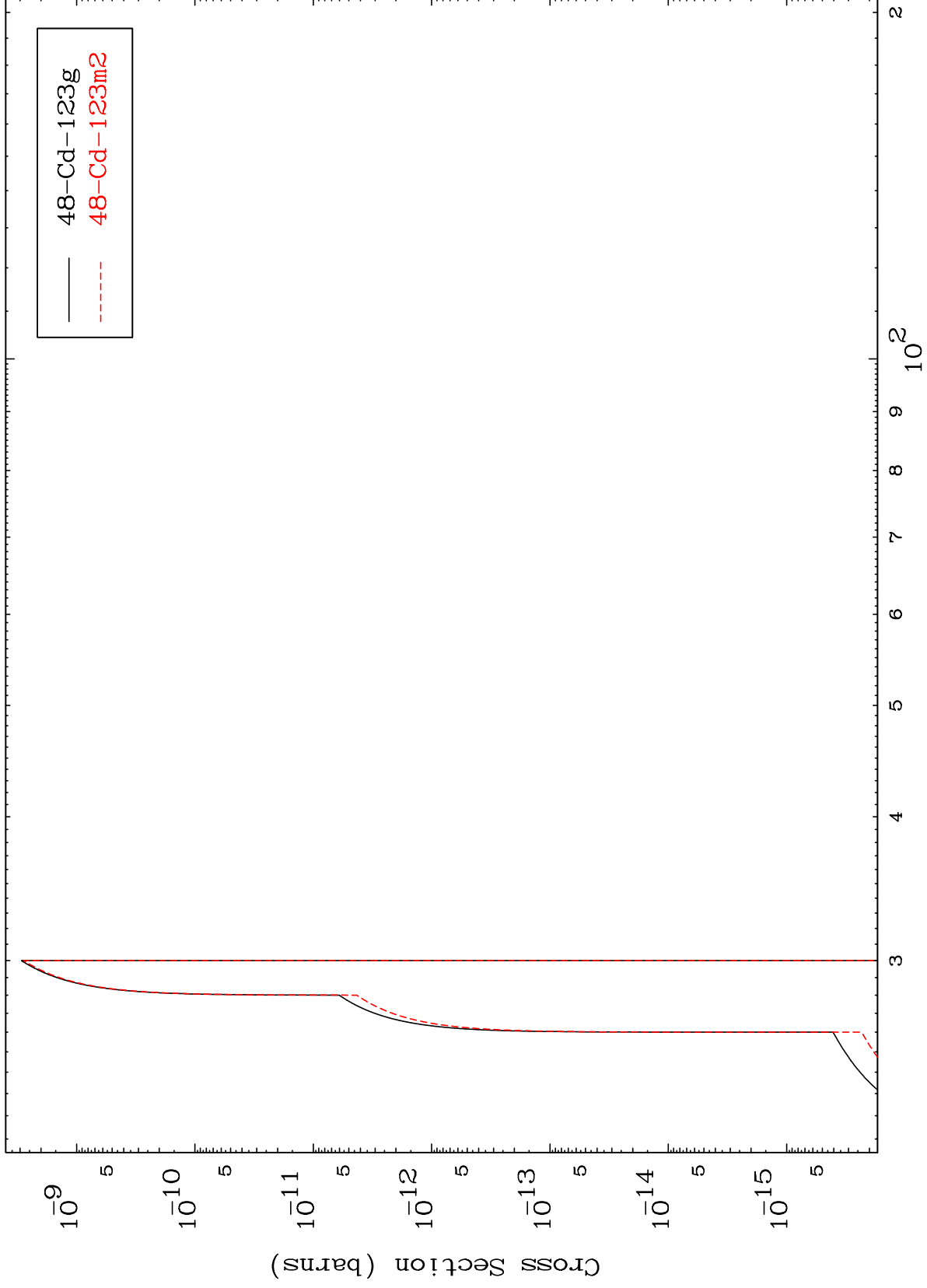
48-Cd-123m

MAT 4877

(n,n') He-3

48-Cd-123m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

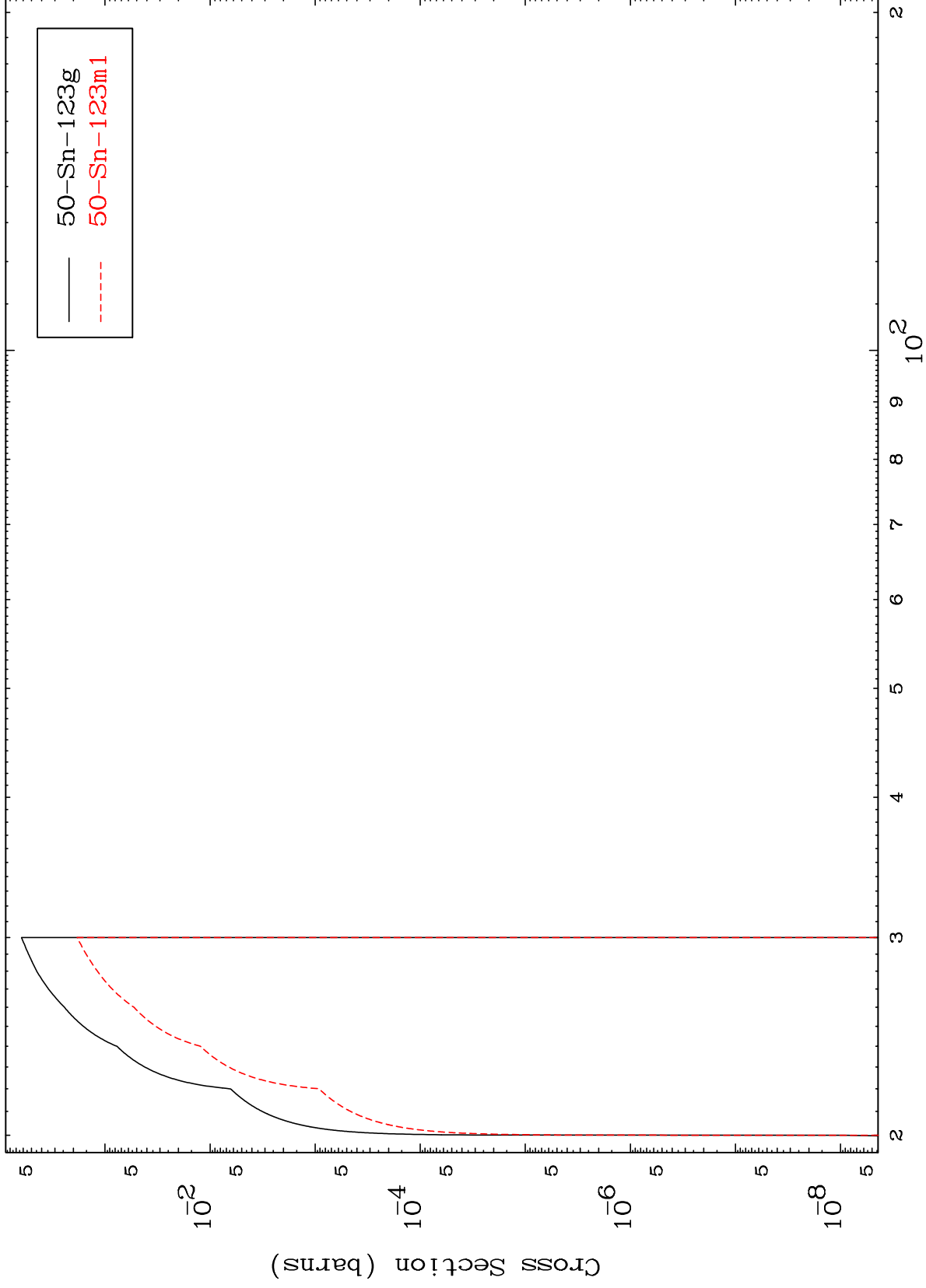
48-Cd-123m

MAT 4877

(n,4n)

48-Cd-123m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

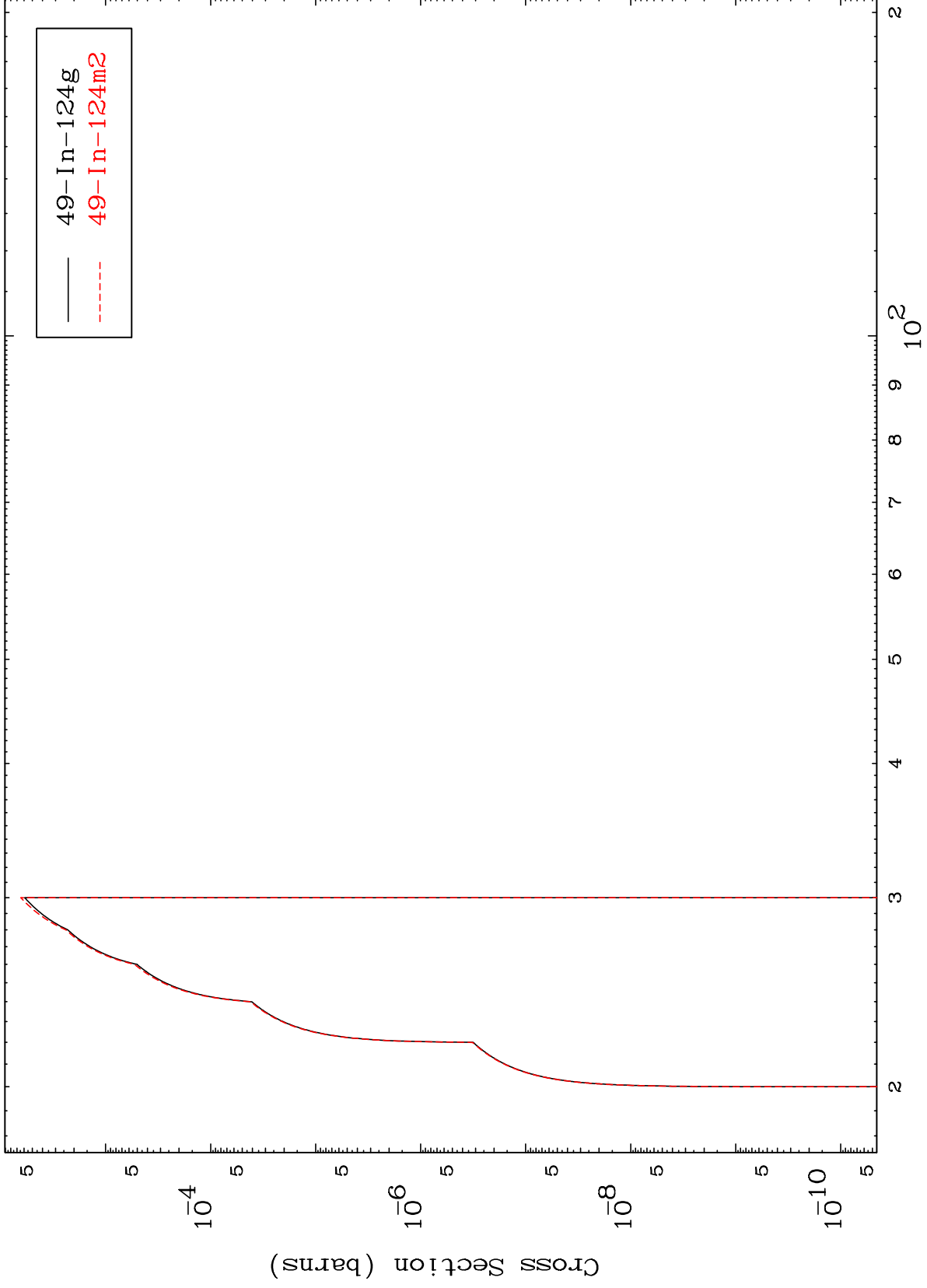
48-Cd-123m

MAT 4877

(n,2n) p

48-Cd-123m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

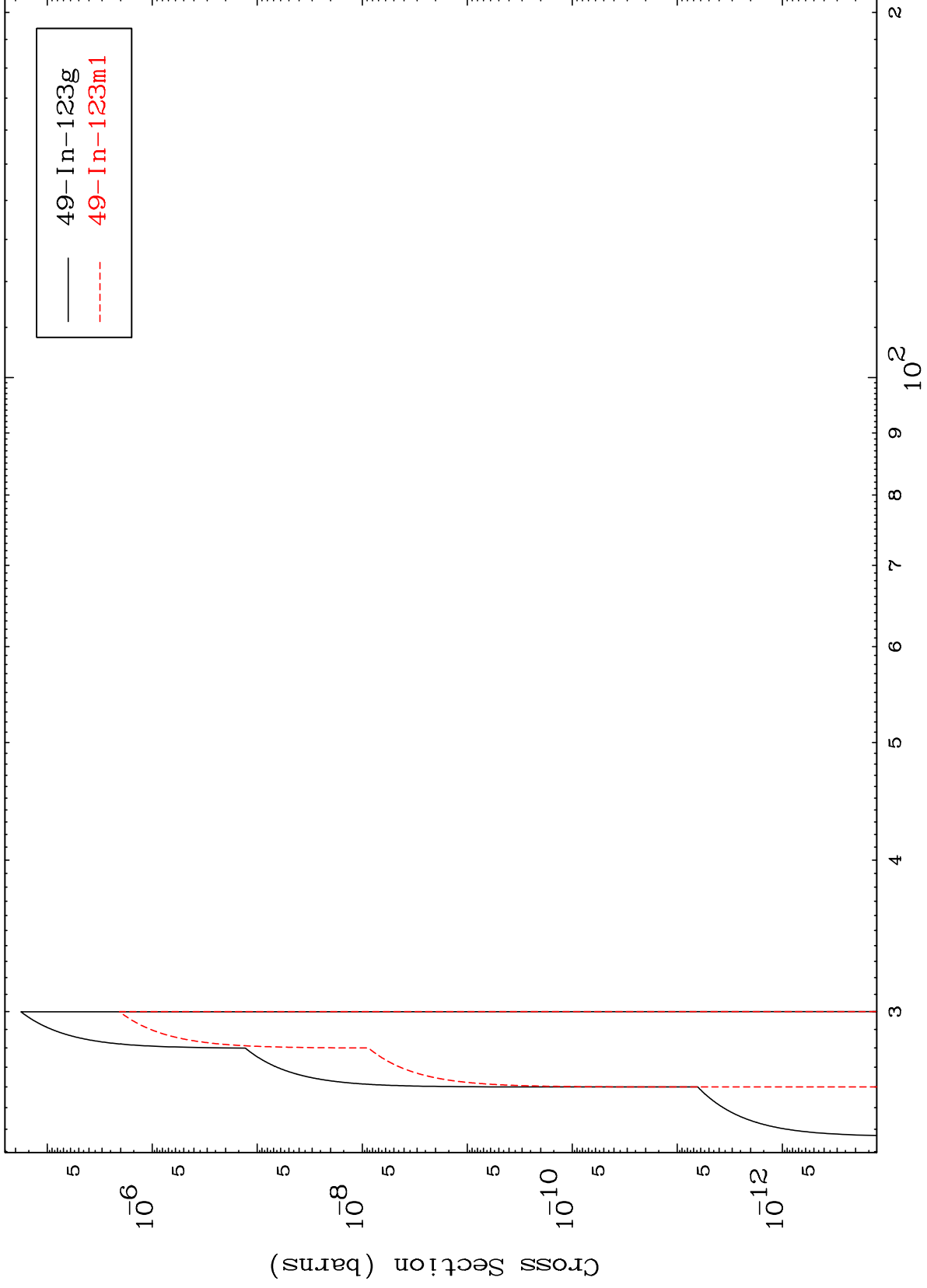
48-Cd-123m

MAT 4877

(n,3n) p

48-Cd-123m

Radionuclide Production Cross Section



20

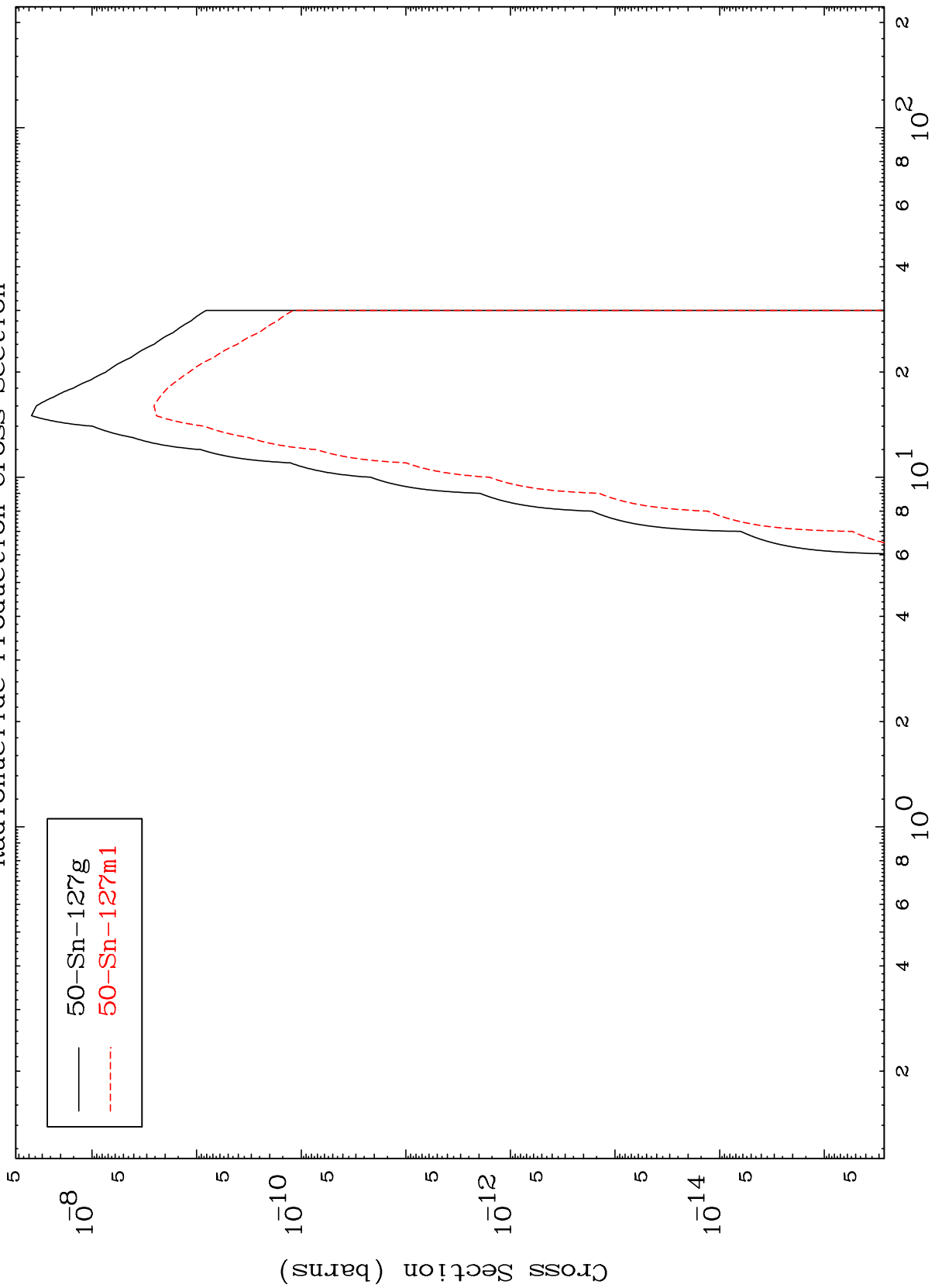
Incident Energy (MeV)

48-Cd-123m

MAT 4877

48-Cd-123m

Radionuclide Production Cross Section



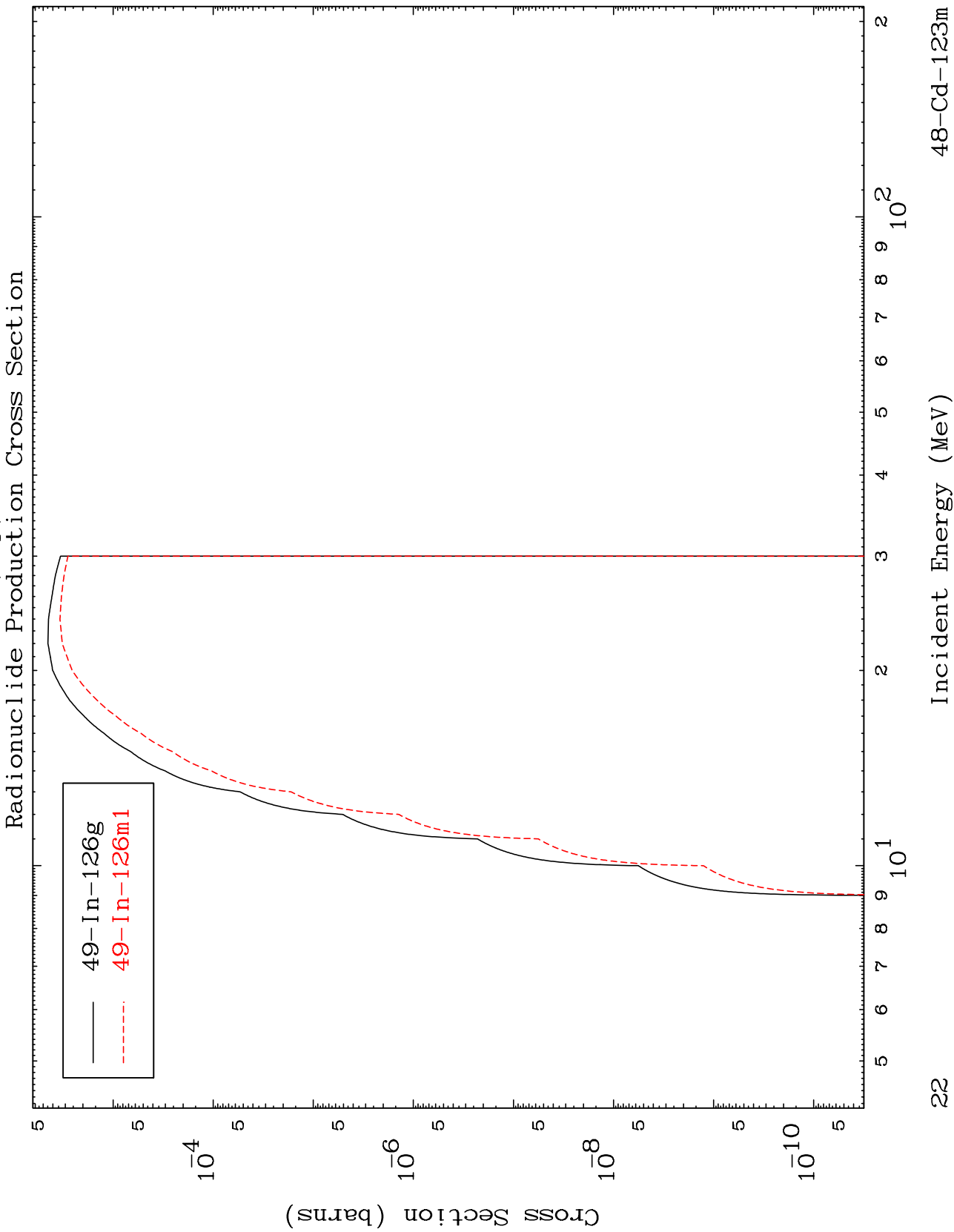
— 50-Sn-127g  
- - - 50-Sn-127m1

48-Cd-123m

Incident Energy (MeV)

MAT 4877

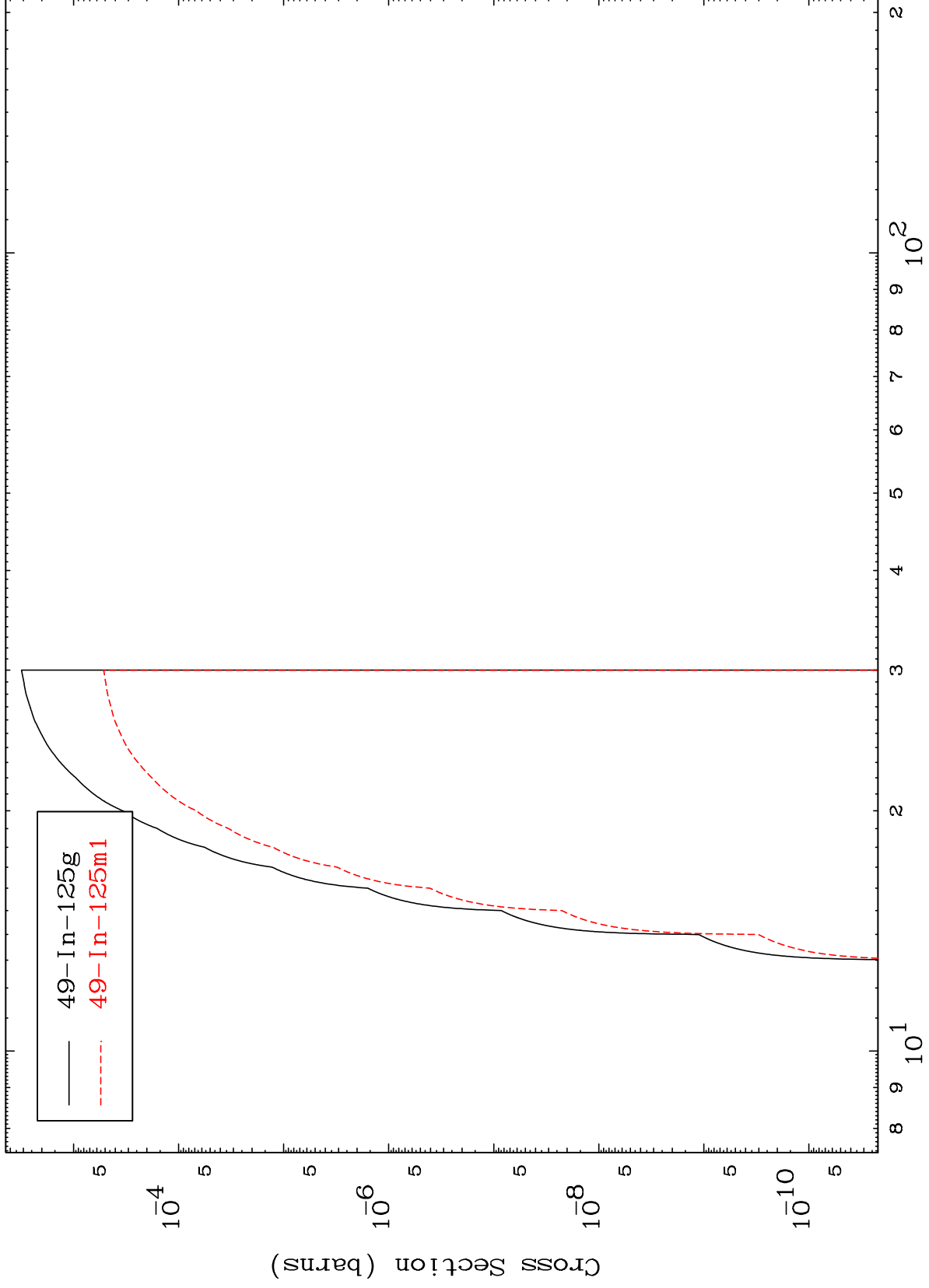
48-Cd-123m



MAT 4877

48-Cd-123m

(n,d)  
Radionuclide Production Cross Section



23

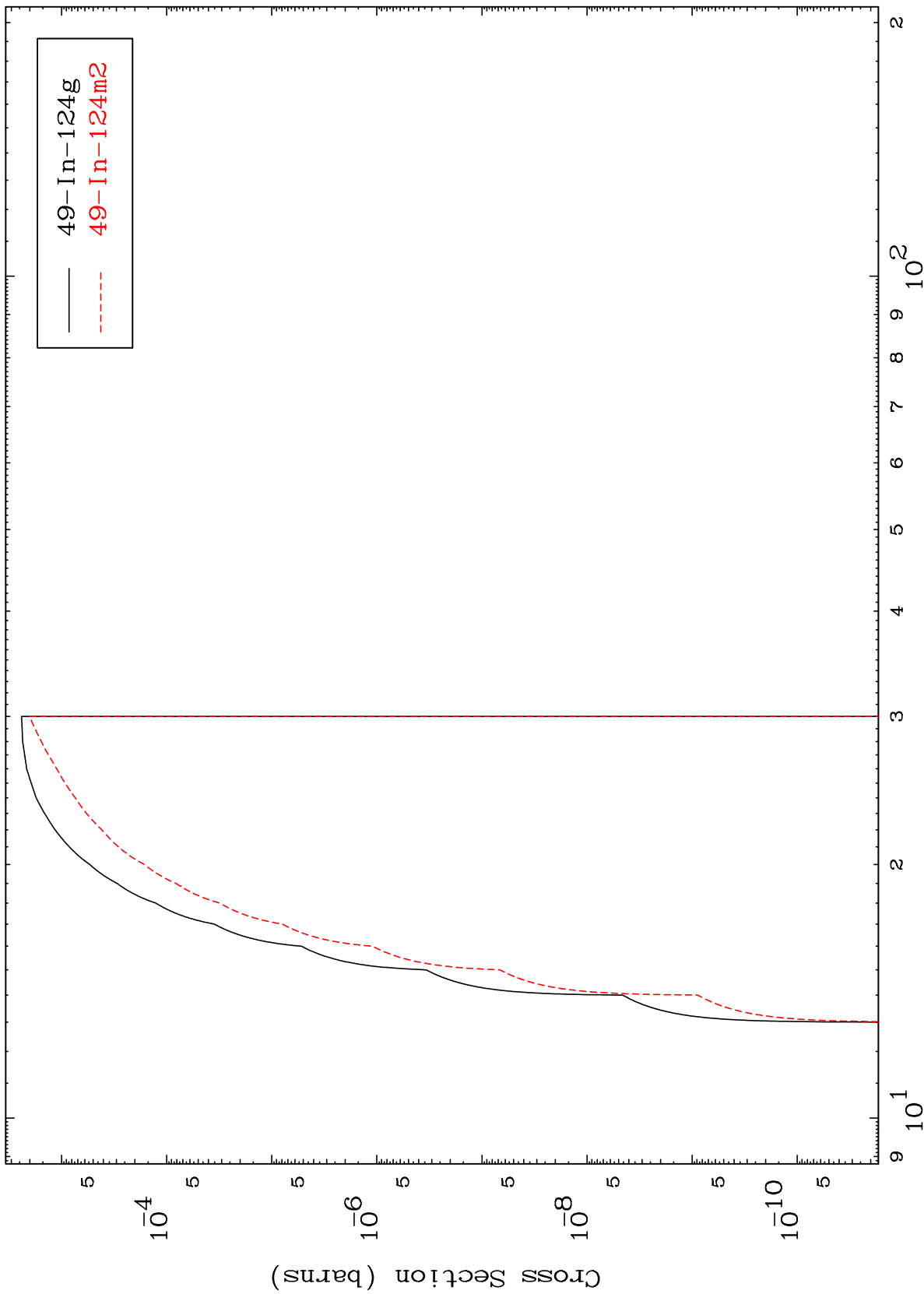
Incident Energy (MeV)

48-Cd-123m

MAT 4877

48-Cd-123m

(n, t)  
Radionuclide Production Cross Section



48-Cd-123m

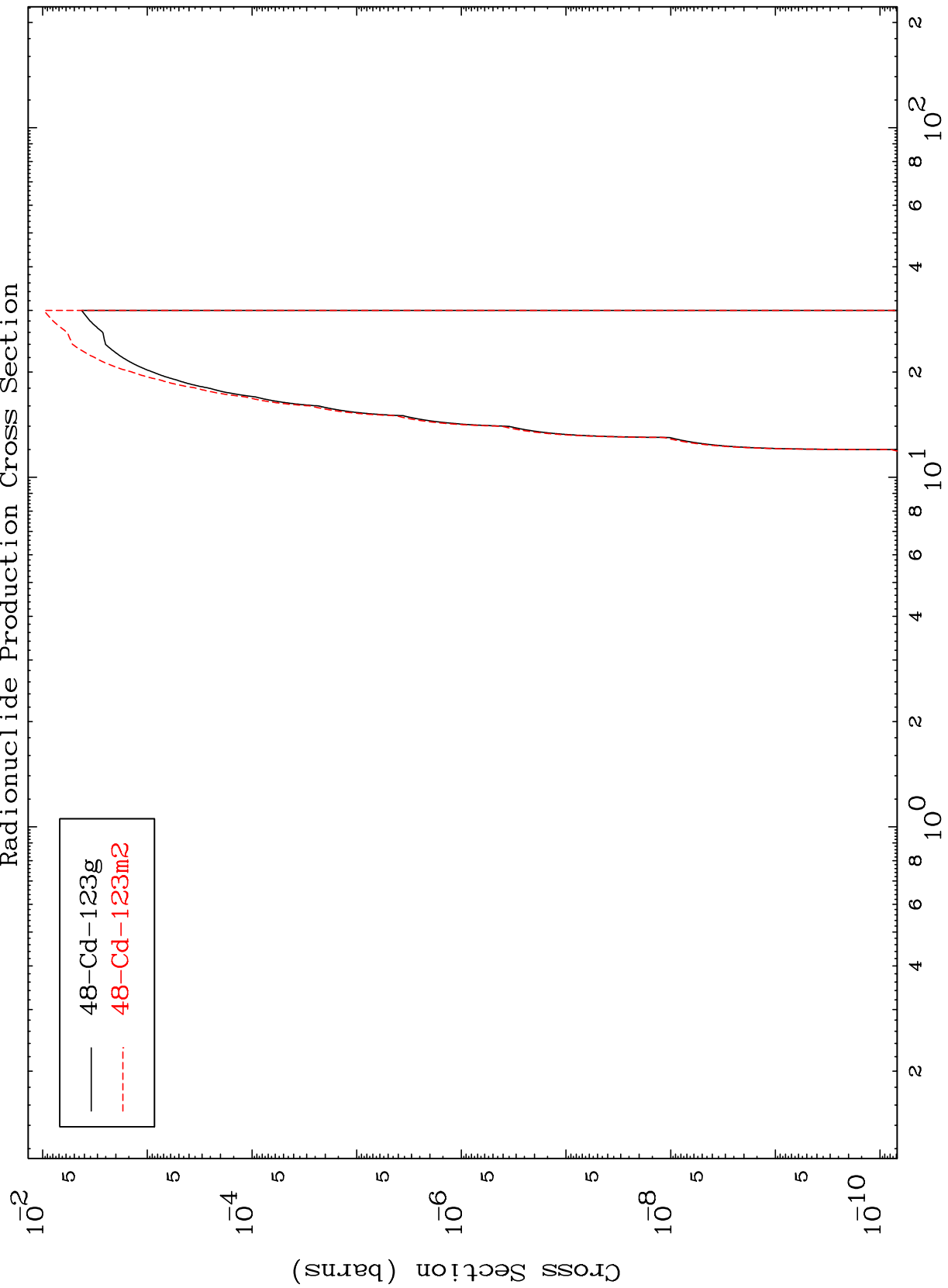
Incident Energy (MeV)

24

MAT 4877

48-Cd-123m

Radionuclide Production Cross Section



48-Cd-123m

Incident Energy (MeV)

25