

Program EVALPLOT
(Version 2021-1)

by

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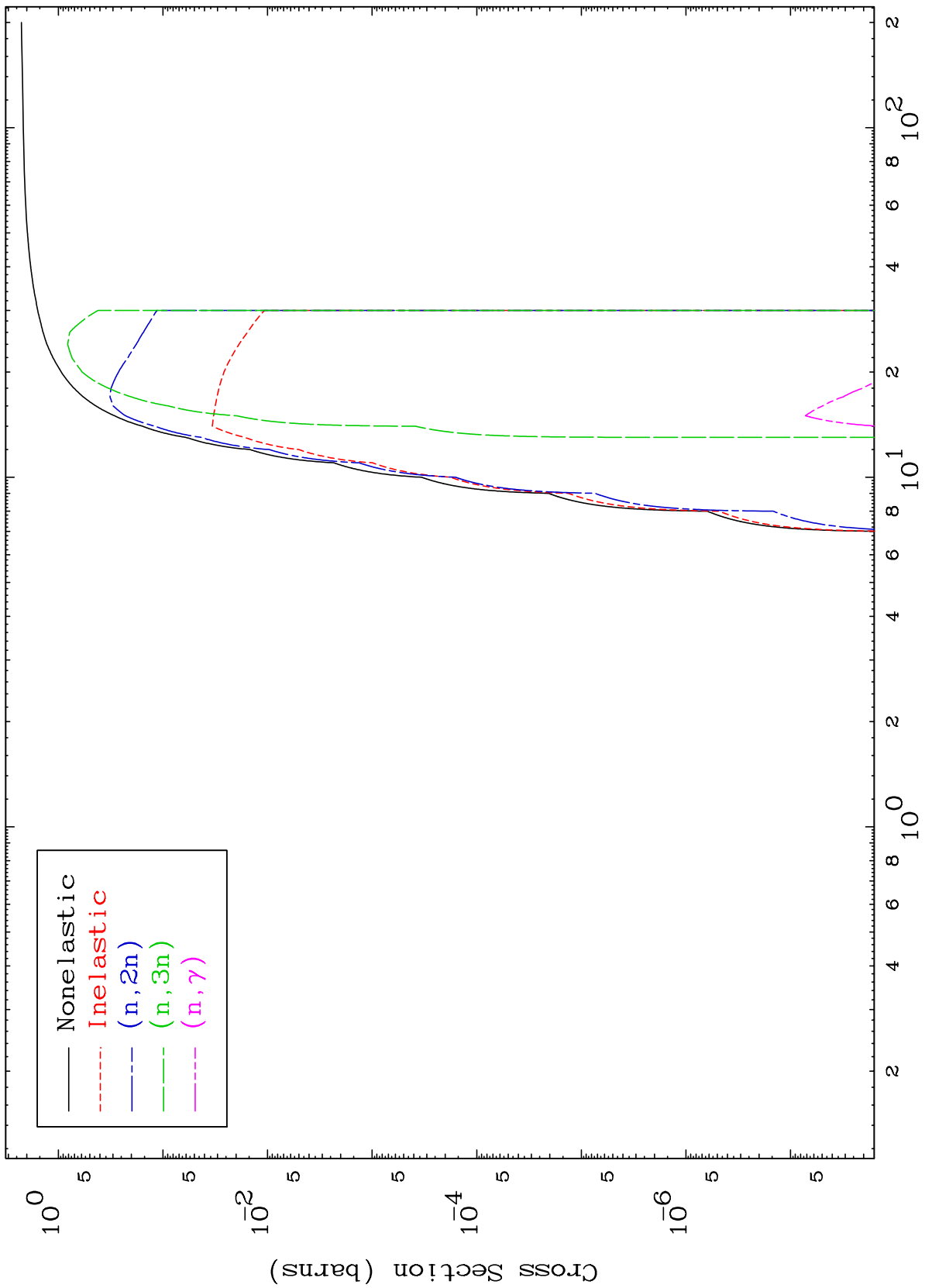
Press Mouse Button to Start

MAT 4879

α Major

48-Cd-124

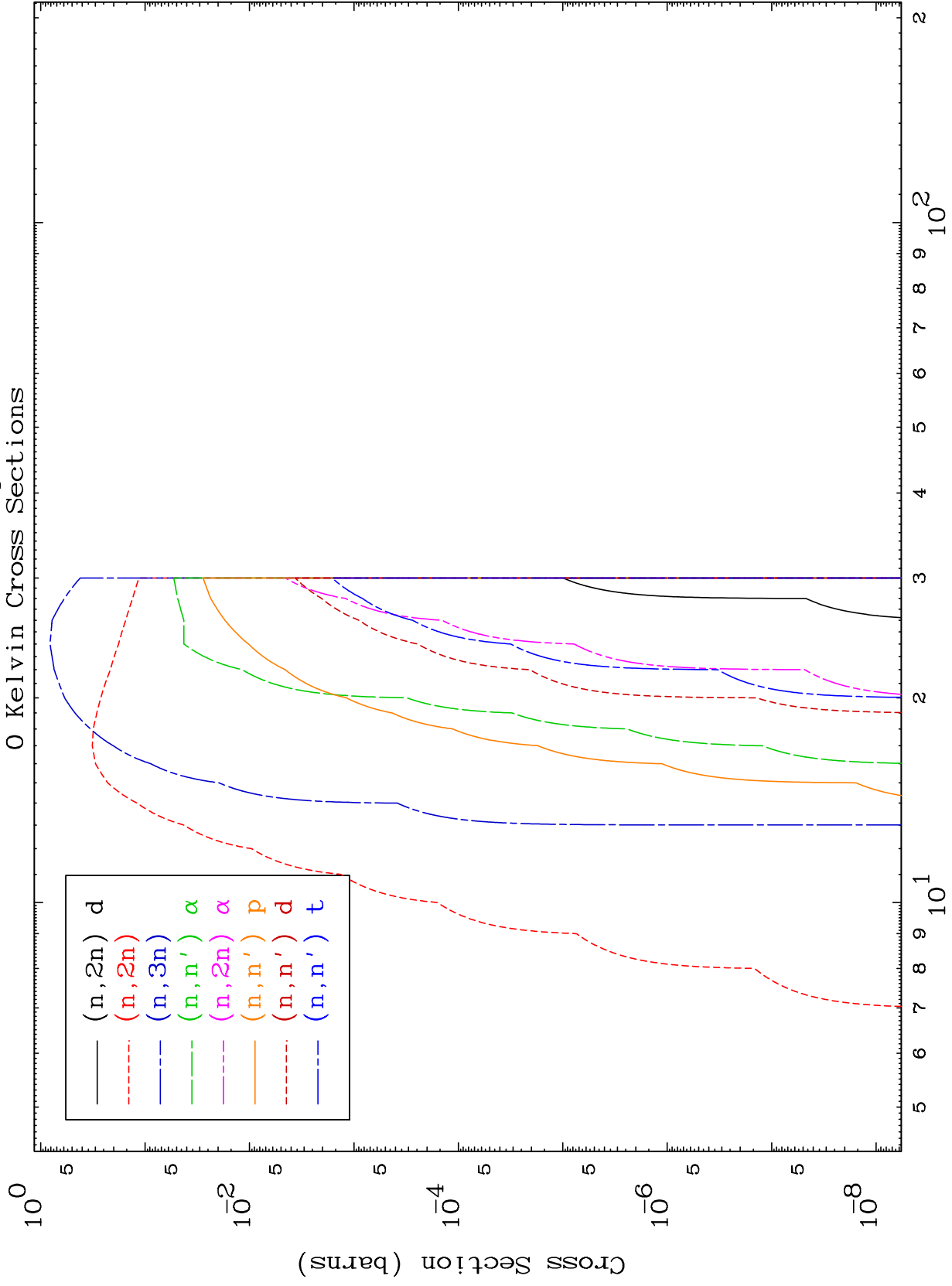
0 Kelvin Cross Sections



MAT 4879

α Neutron Absorption
0 Kelvin Cross Sections

48-Cd-124



Incident Energy (MeV)

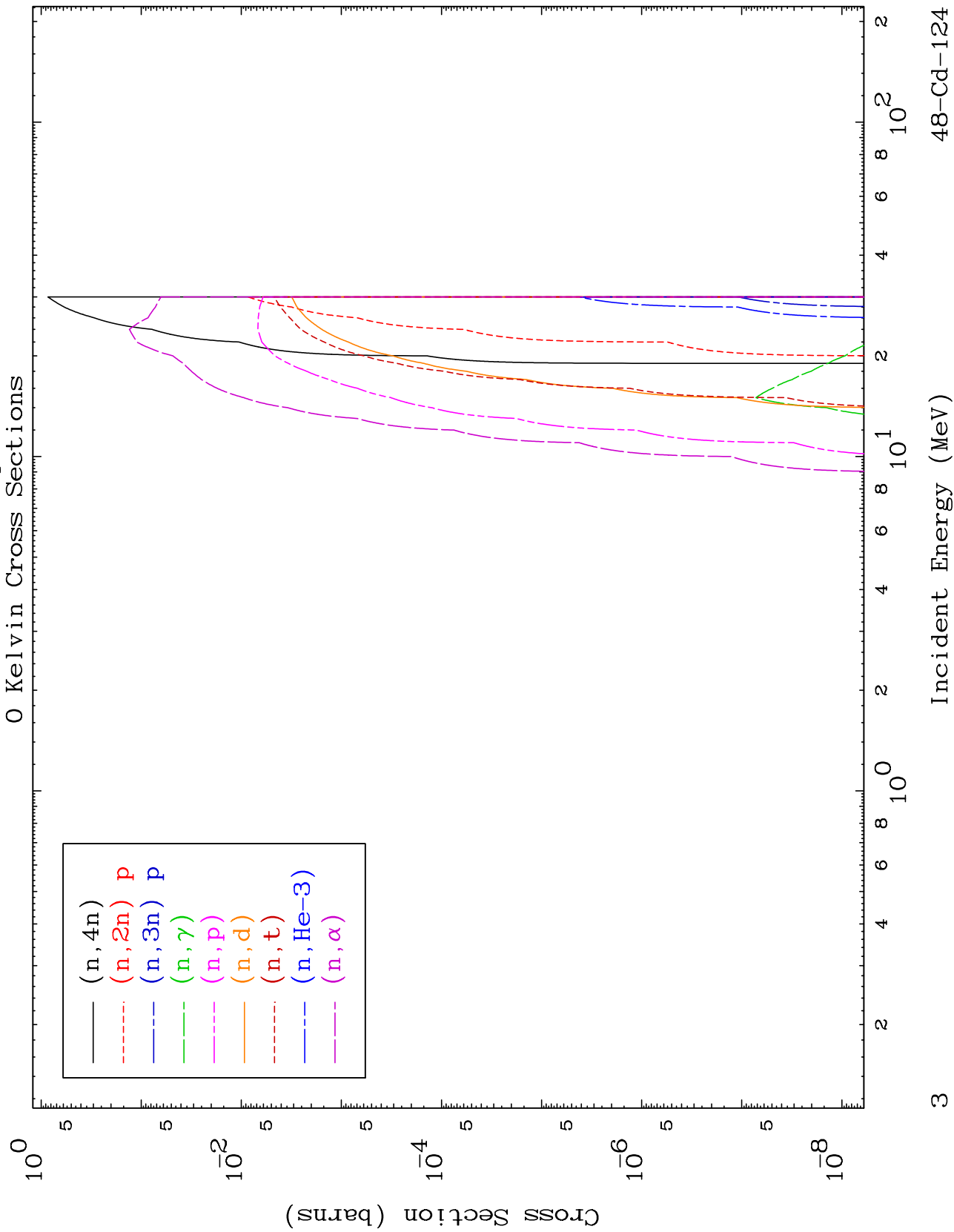
48-Cd-124

2

MAT 4879

α Neutron Absorption

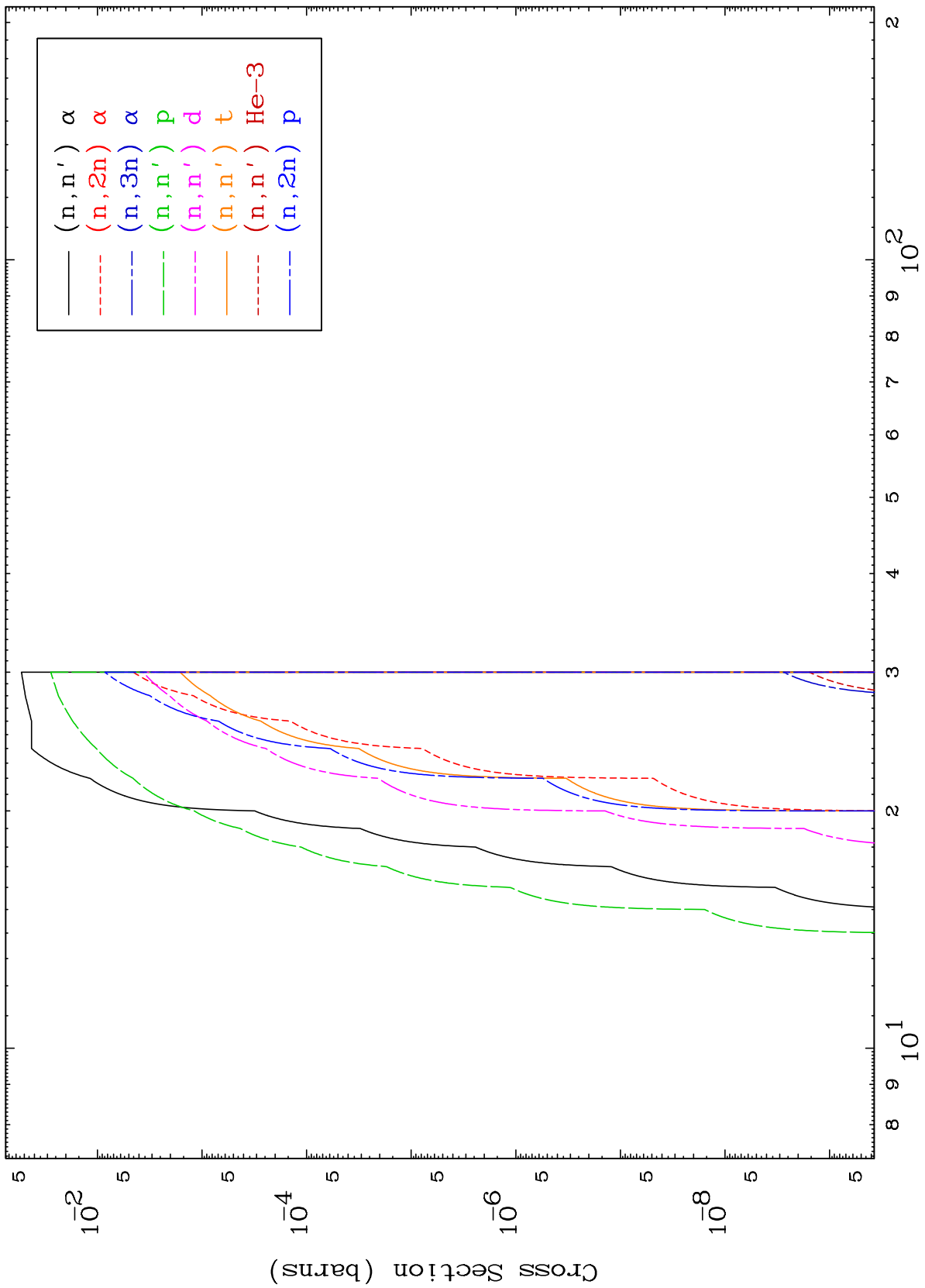
48-Cd-124



MAT 4879

α Charged Particle
0 Kelvin Cross Sections

48-Cd-124



4

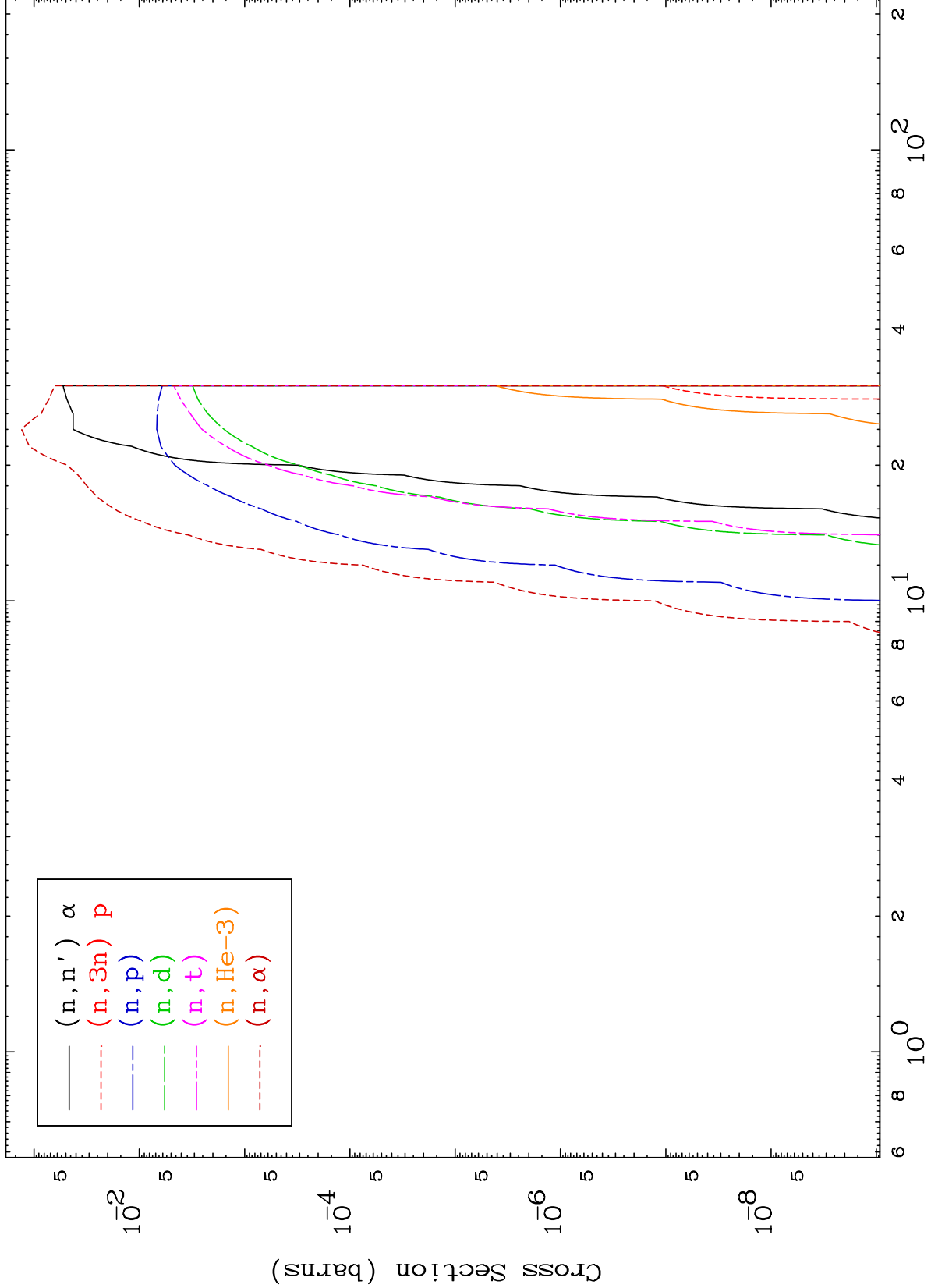
Incident Energy (MeV)

48-Cd-124

MAT 4879

α Charged Particle
0 Kelvin Cross Sections

48-Cd-124



5

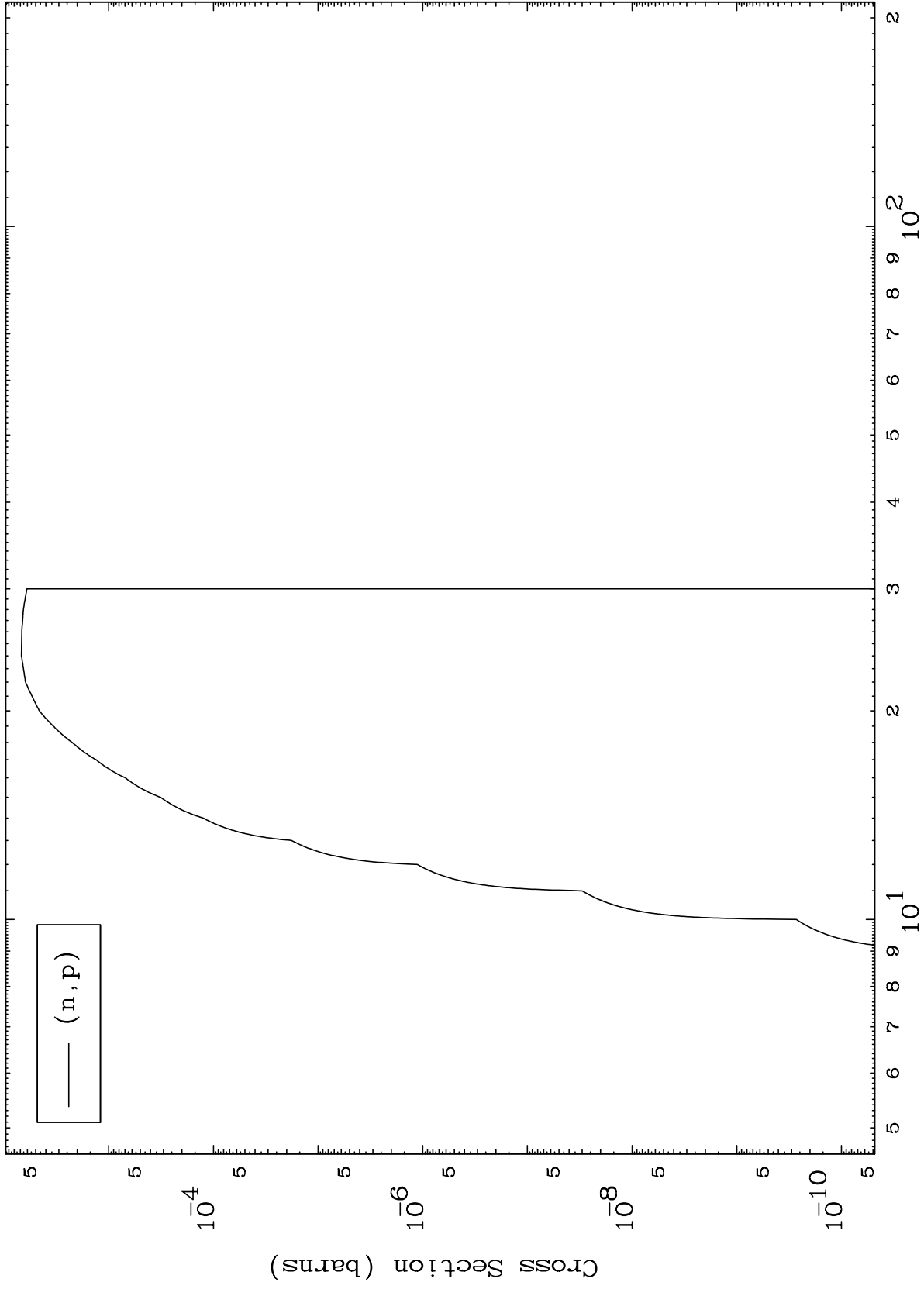
Incident Energy (MeV)

48-Cd-124

MAT 4879

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-124



6

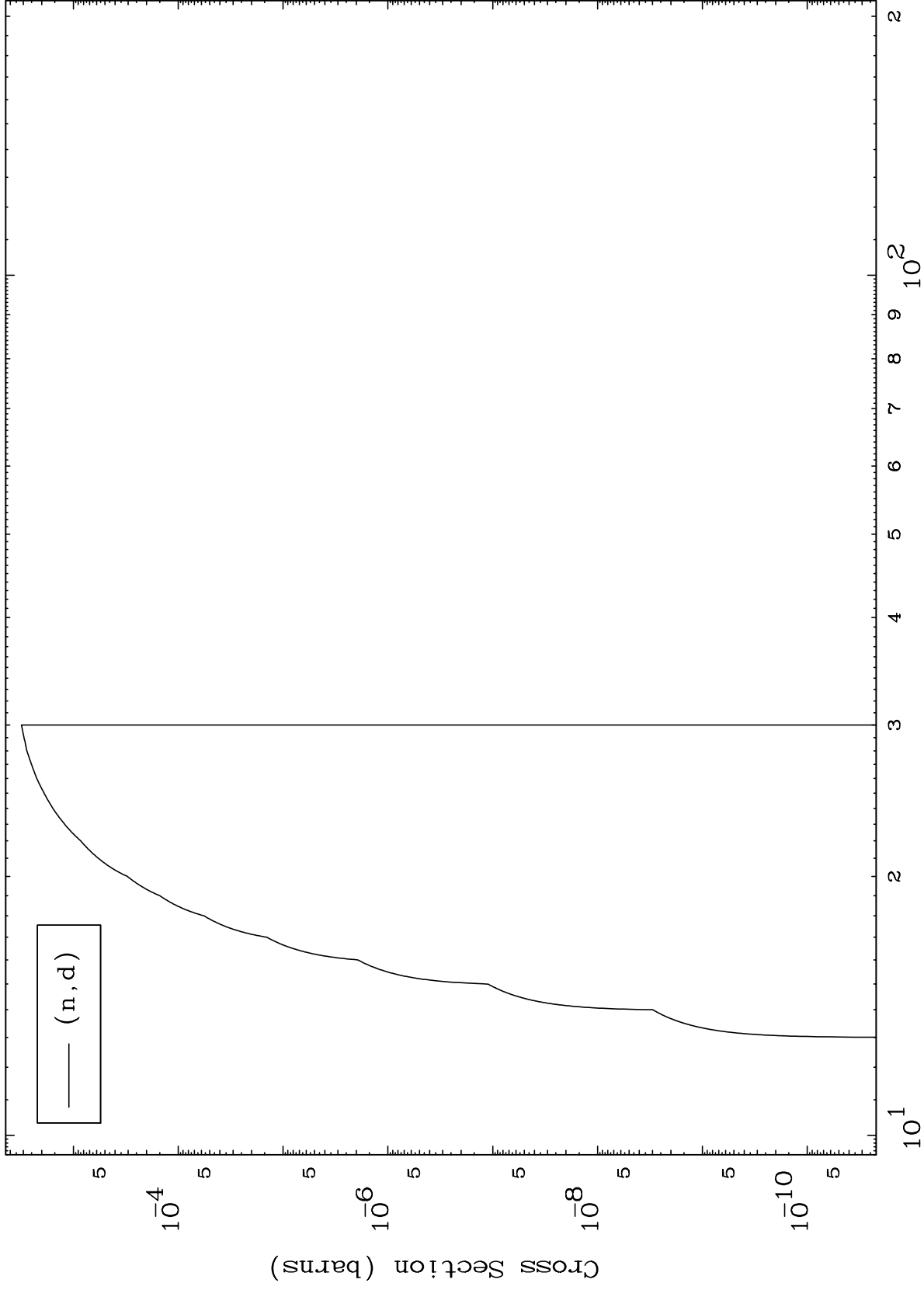
Incident Energy (MeV)

48-Cd-124

MAT 4879

(α, d) Levels
0 Kelvin Cross Sections

48-Cd-124



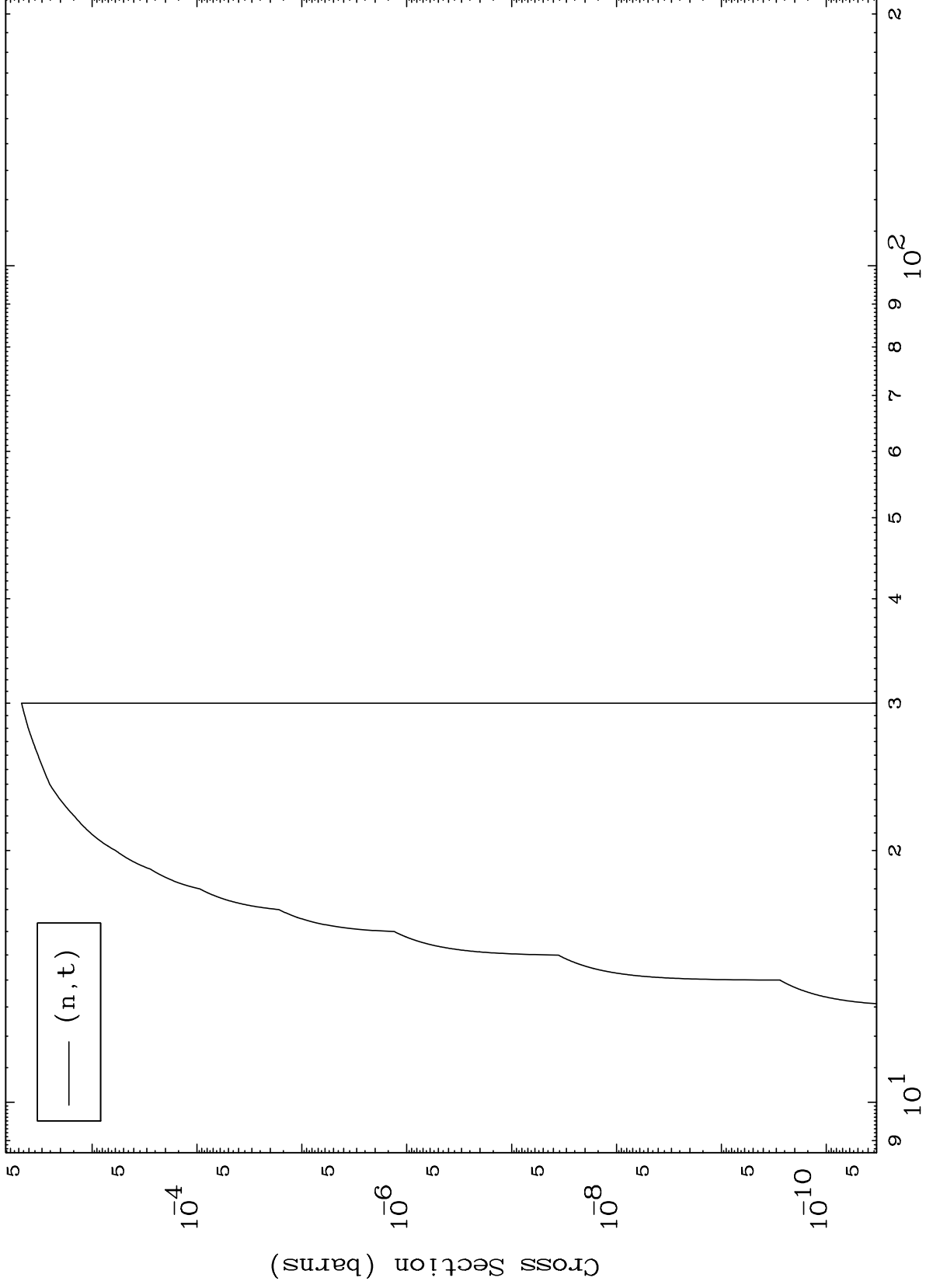
Incident Energy (MeV)

48-Cd-124

MAT 4879

(α, t) Levels
0 Kelvin Cross Sections

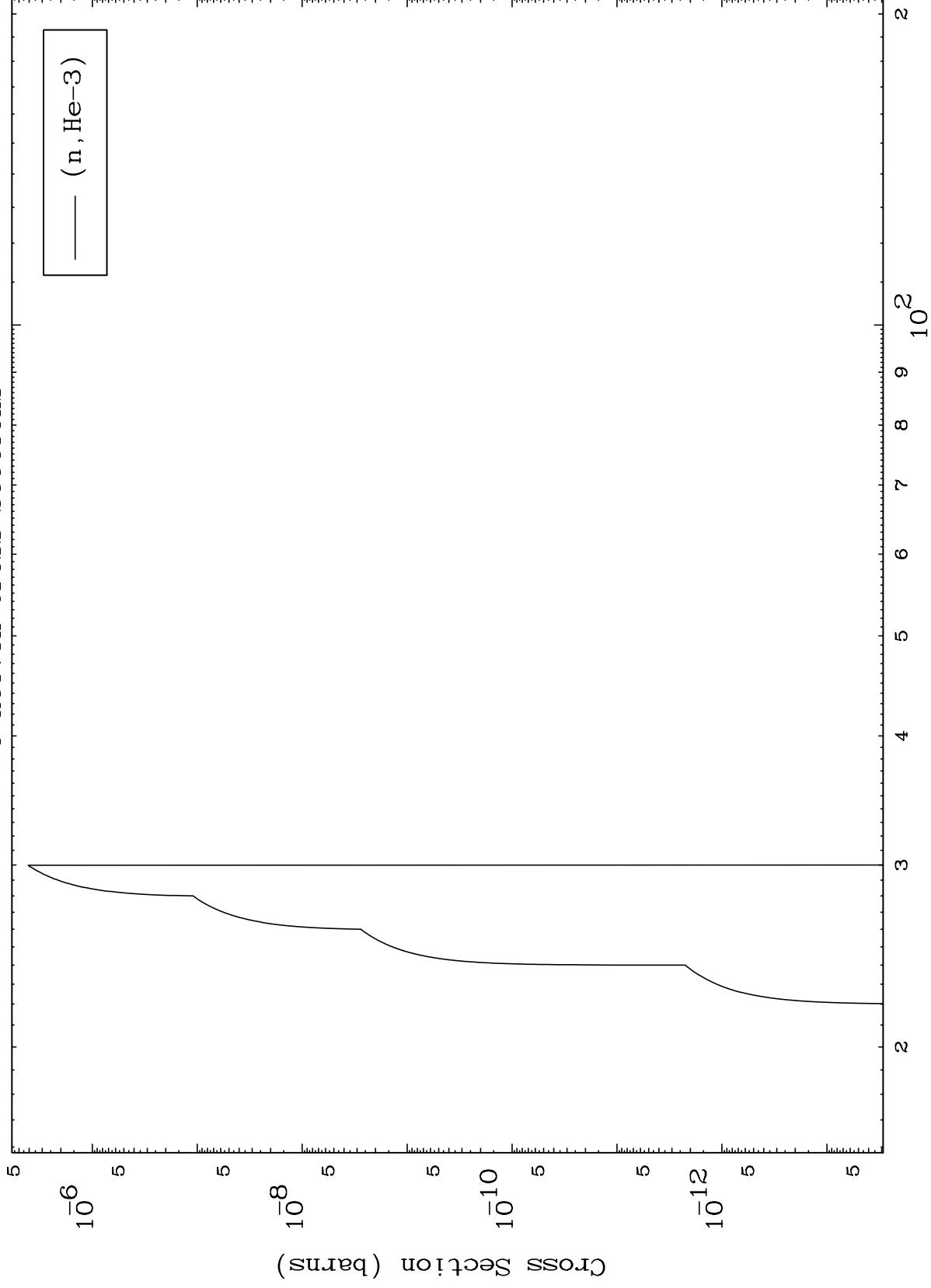
48-Cd-124



MAT 4879

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

48-Cd-124



9

Incident Energy (MeV)

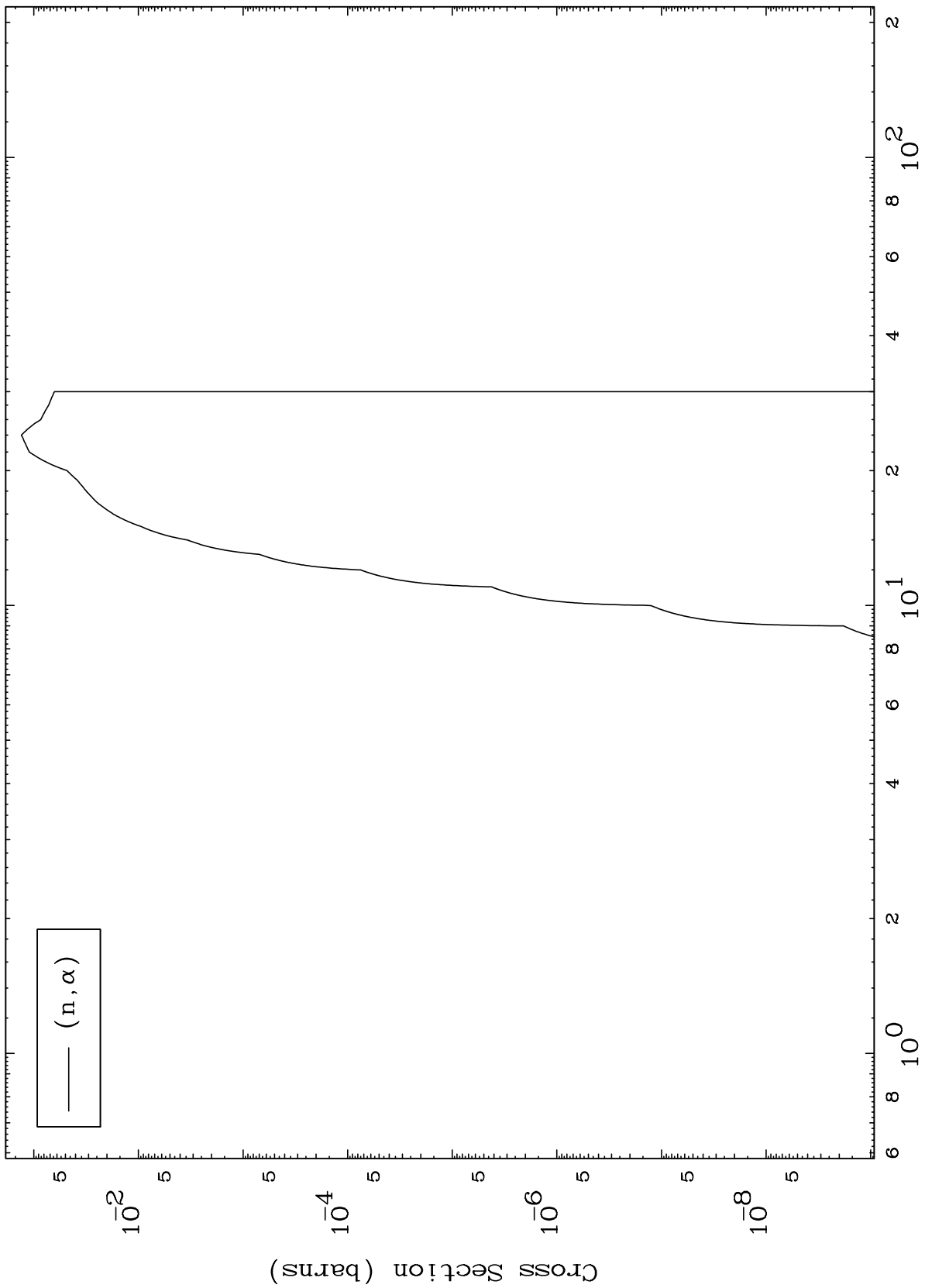
48-Cd-124

MAT 4879

(α, α) Levels

48-Cd-124

0 Kelvin Cross Sections



10

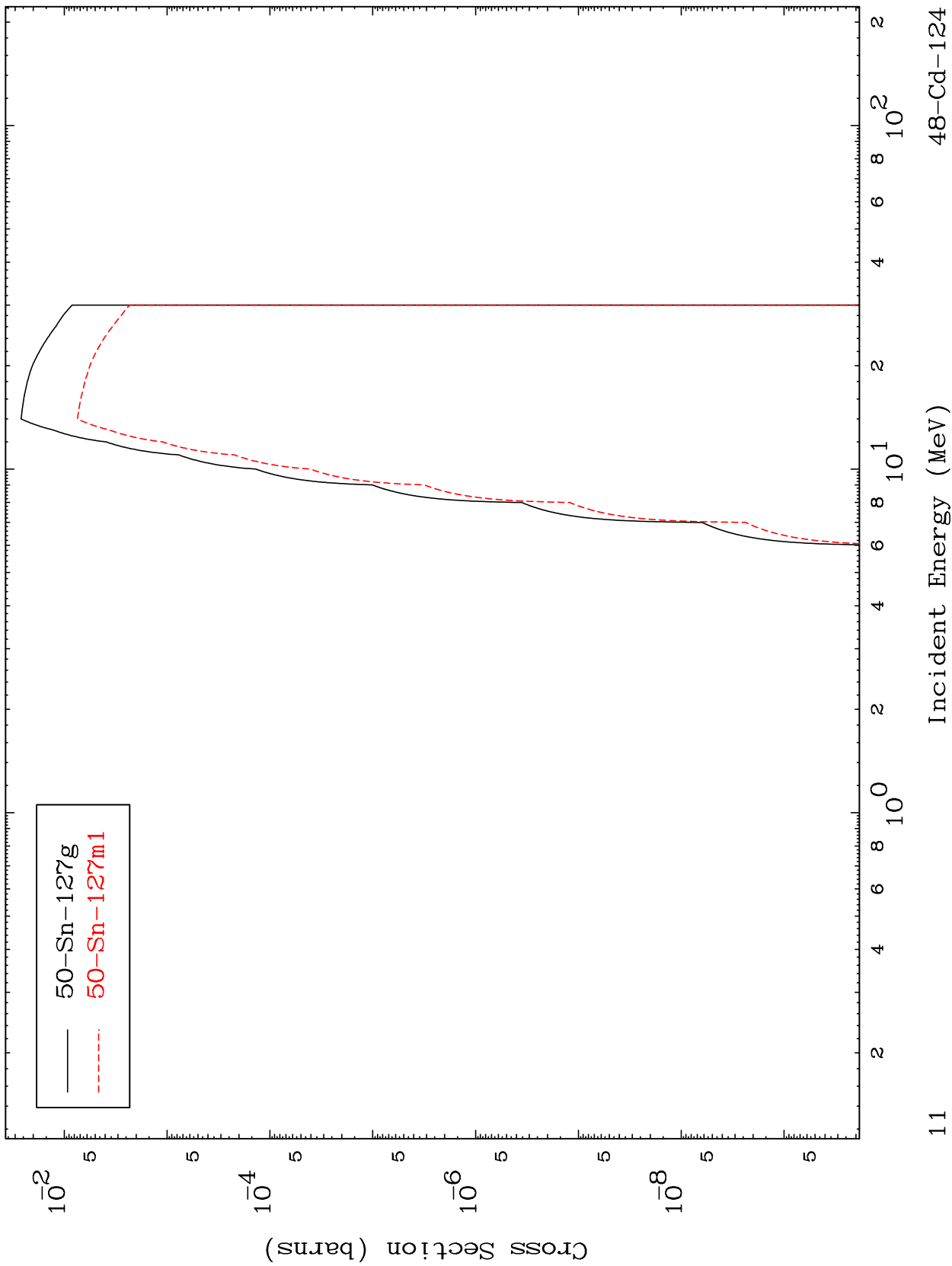
Incident Energy (MeV)

48-Cd-124

MAT 4879

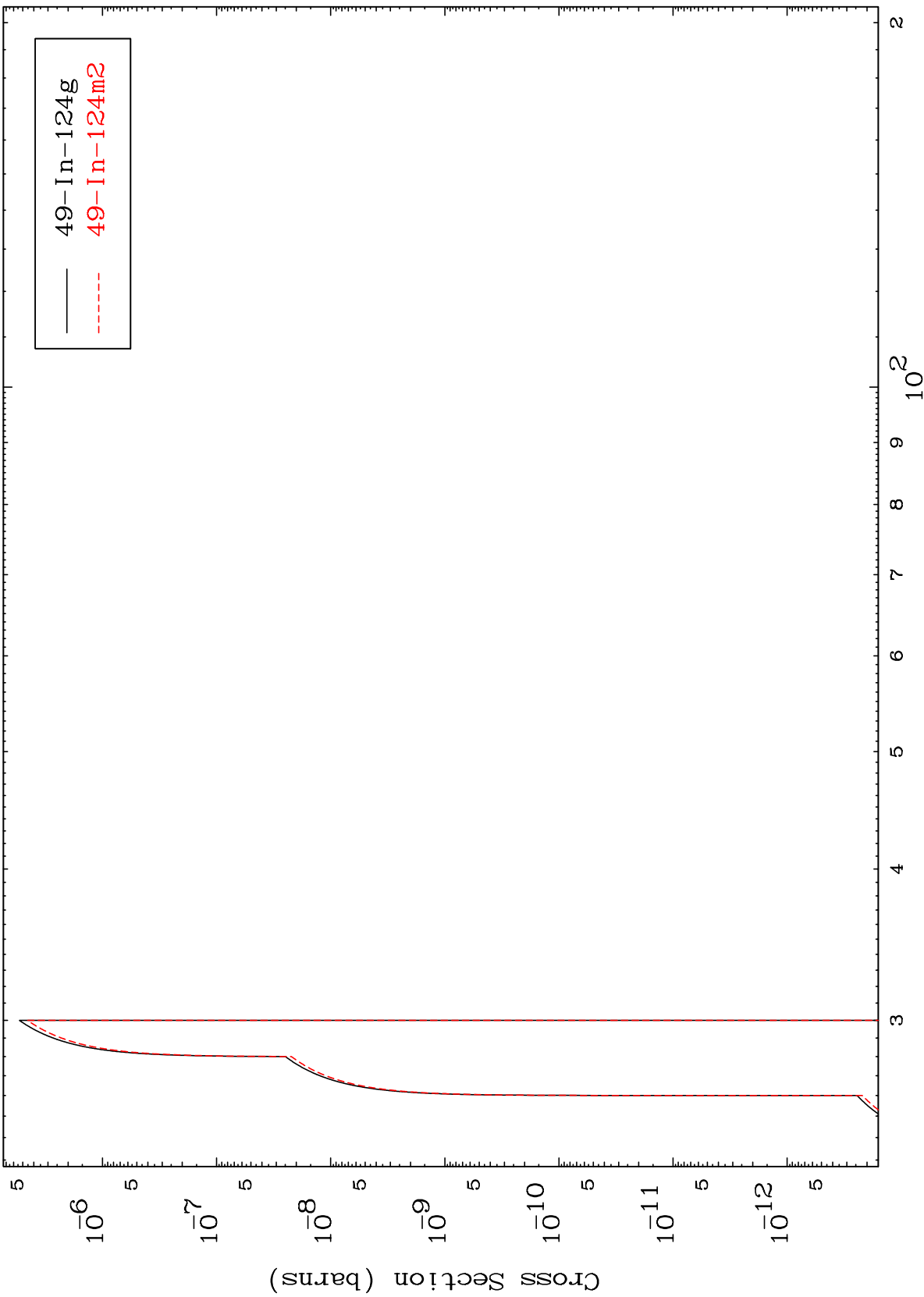
48-Cd-124

Radionuclide Production Cross Section



48-Cd-124

Radionuclide Production Cross Section

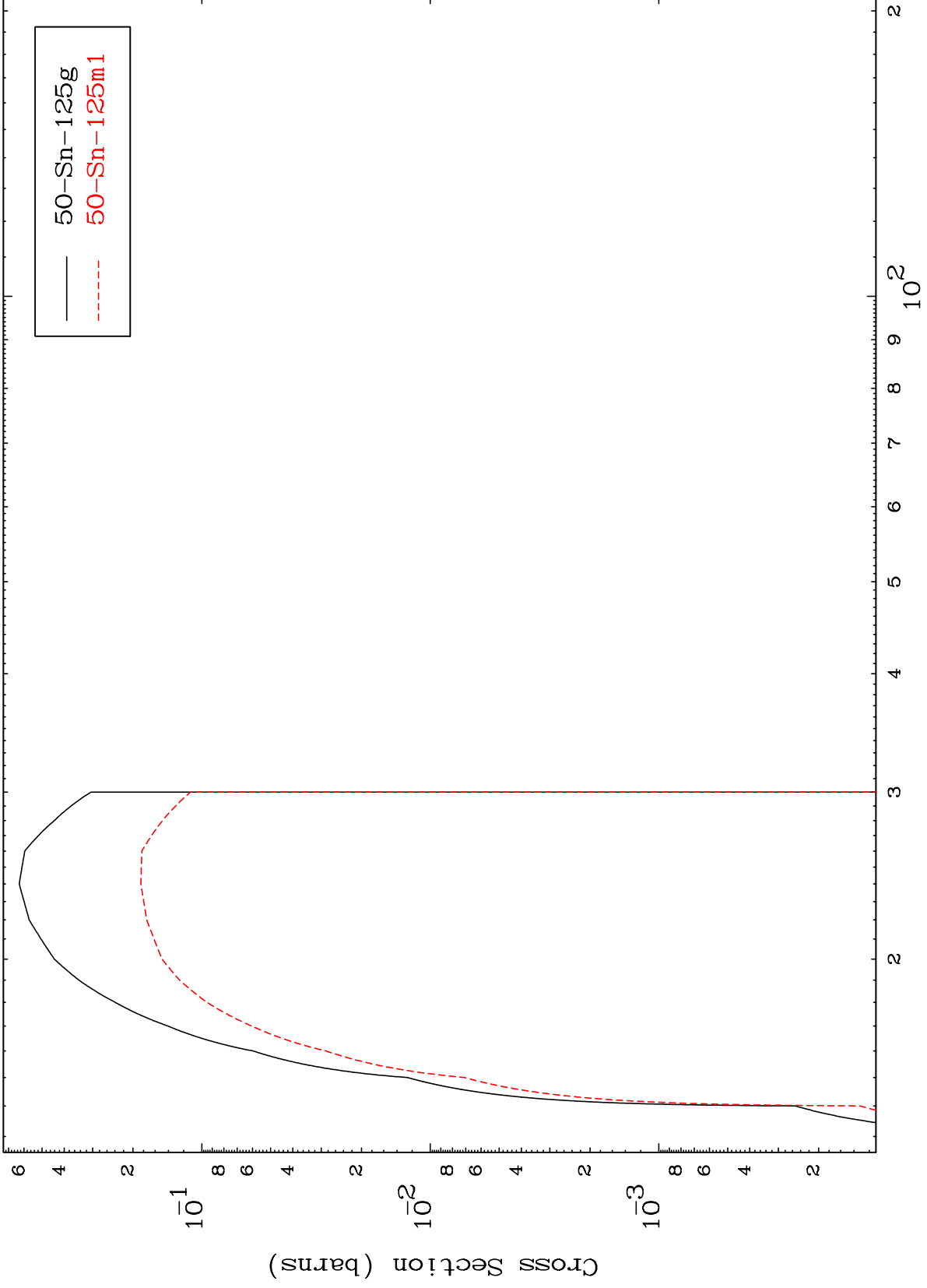


MAT 4879

(n,3n)

48-Cd-124

Radionuclide Production Cross Section



13

Incident Energy (MeV)

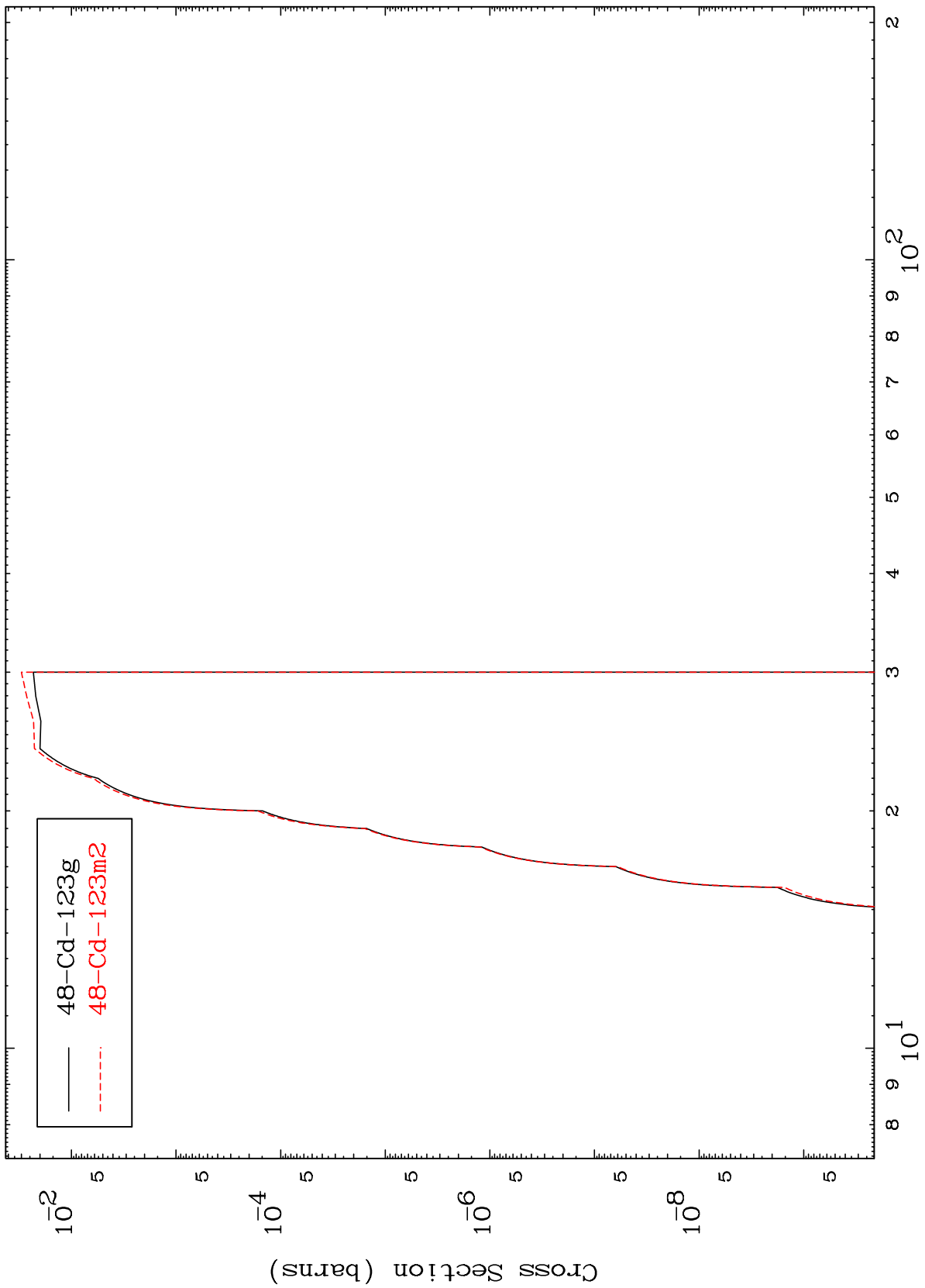
48-Cd-124

MAT 4879

(n,n') α

48-Cd-124

Radionuclide Production Cross Section



14

Incident Energy (MeV)

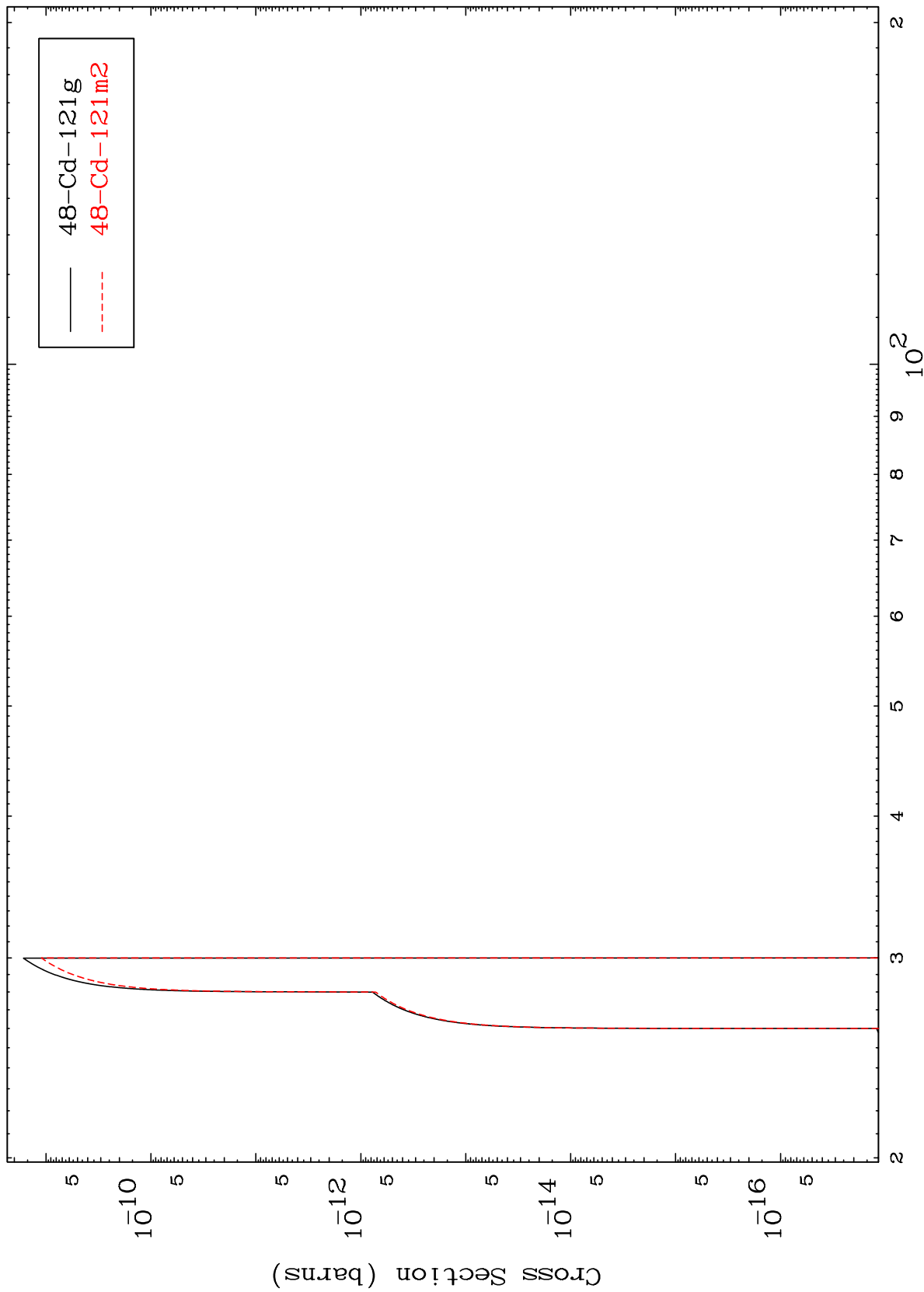
48-Cd-124

MAT 4879

48-Cd-124

(n,3n) α

Radionuclide Production Cross Section



15

Incident Energy (MeV)

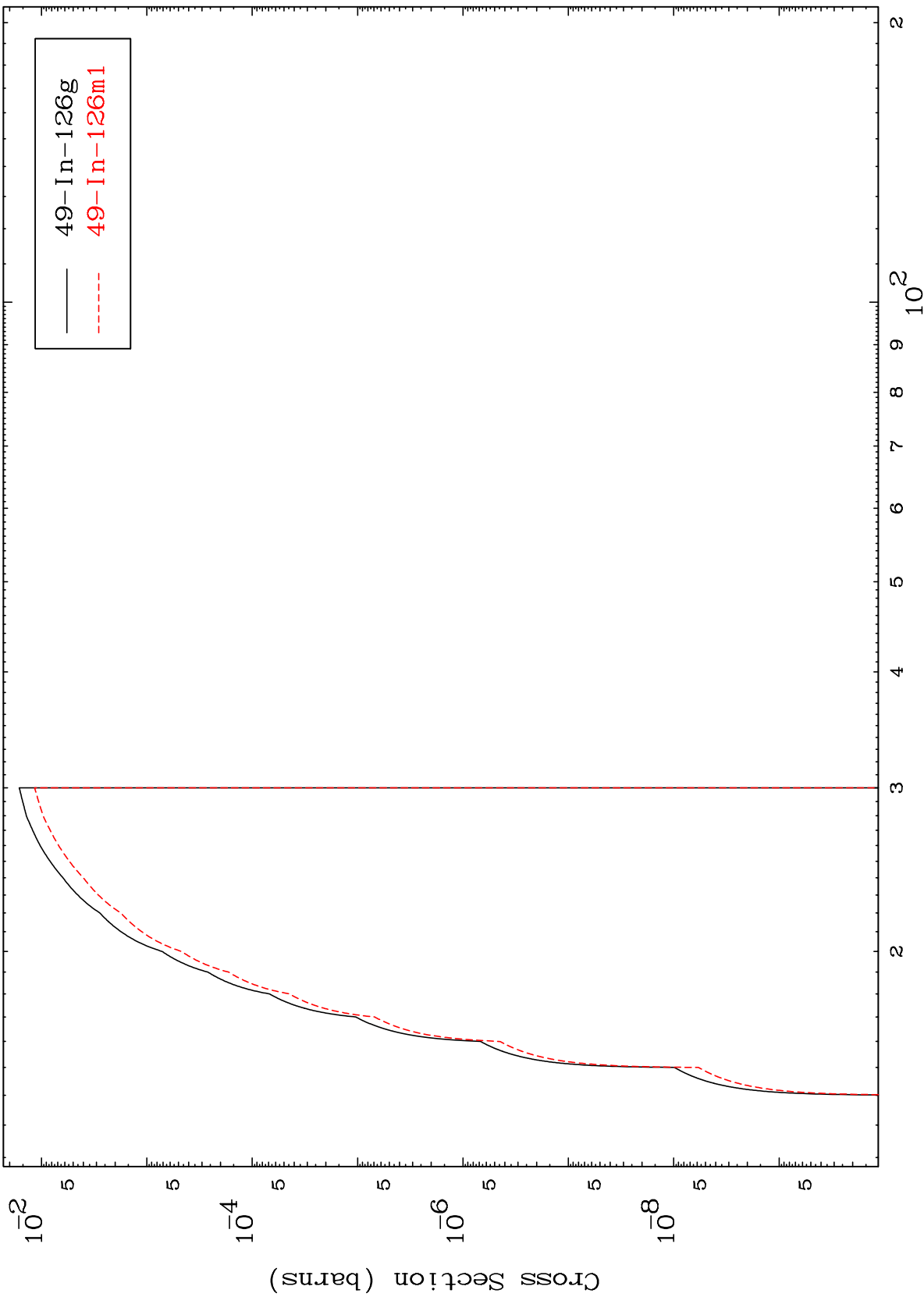
48-Cd-124

MAT 4879

(n,n') p

48-Cd-124

Radionuclide Production Cross Section



16

Incident Energy (MeV)

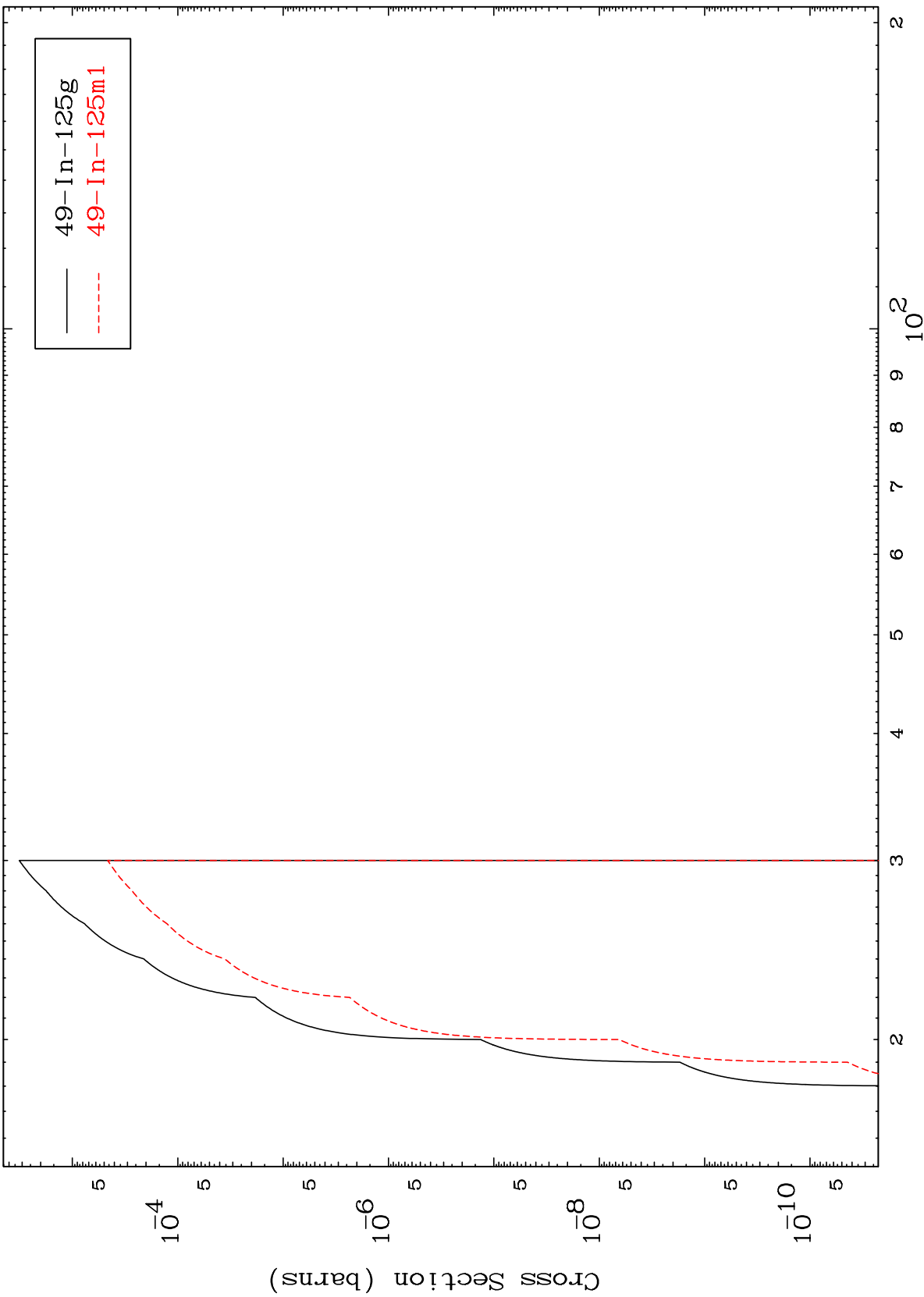
48-Cd-124

MAT 4879

(n,n') d

48-Cd-124

Radionuclide Production Cross Section



17

Incident Energy (MeV)

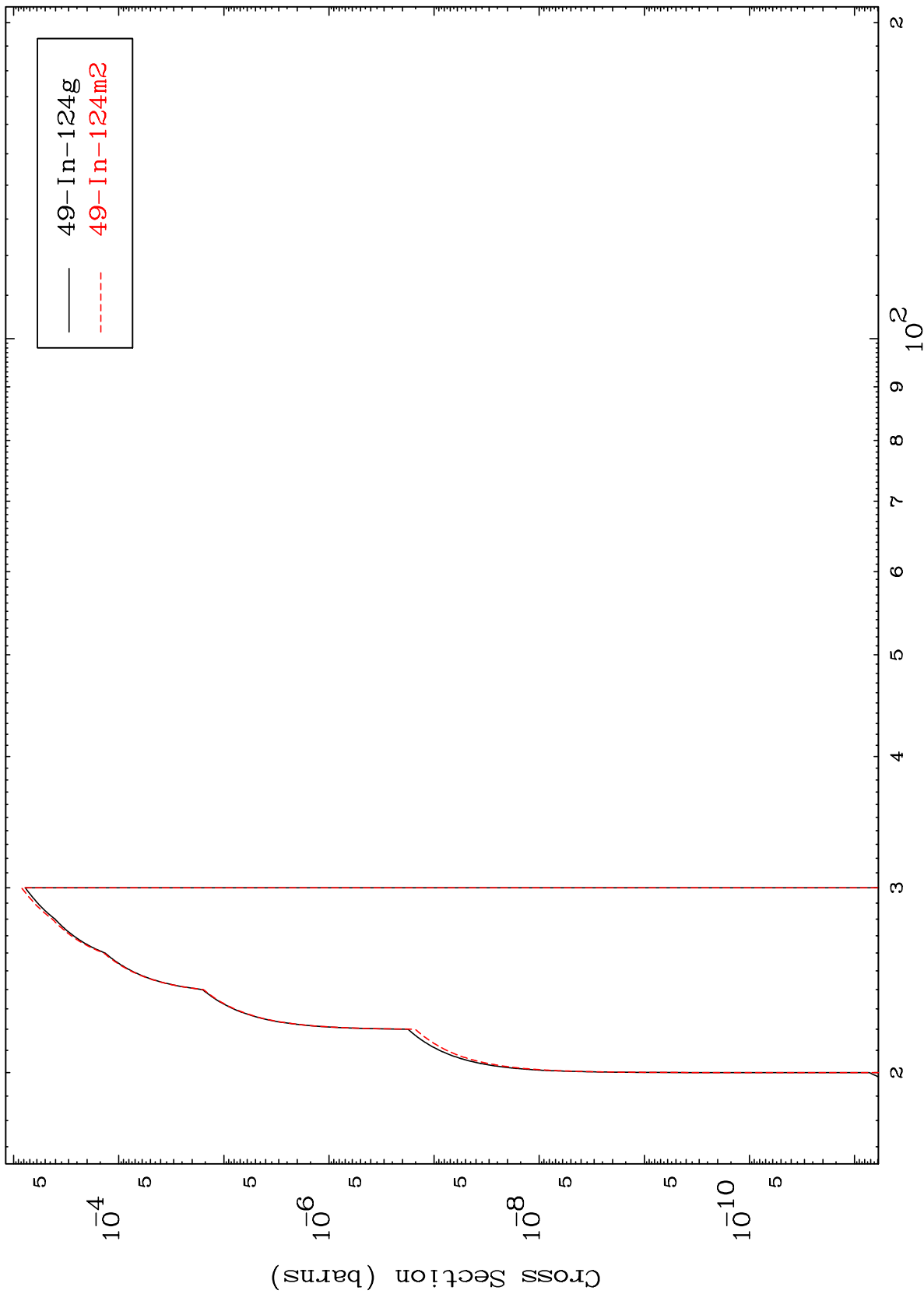
48-Cd-124

MAT 4879

(n,n') t

48-Cd-124

Radionuclide Production Cross Section



18

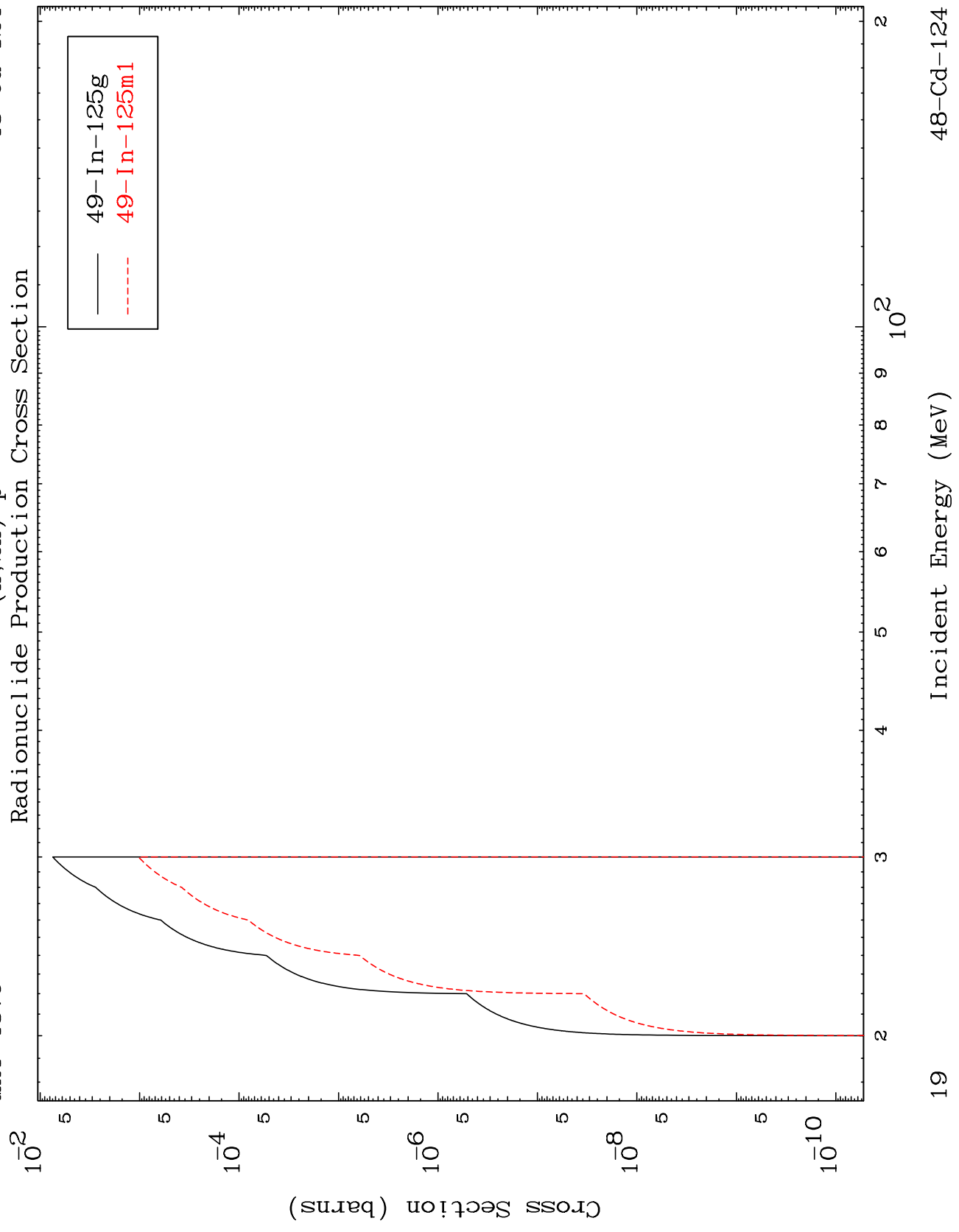
Incident Energy (MeV)

48-Cd-124

MAT 4879

(n,2n) p

48-Cd-124



19

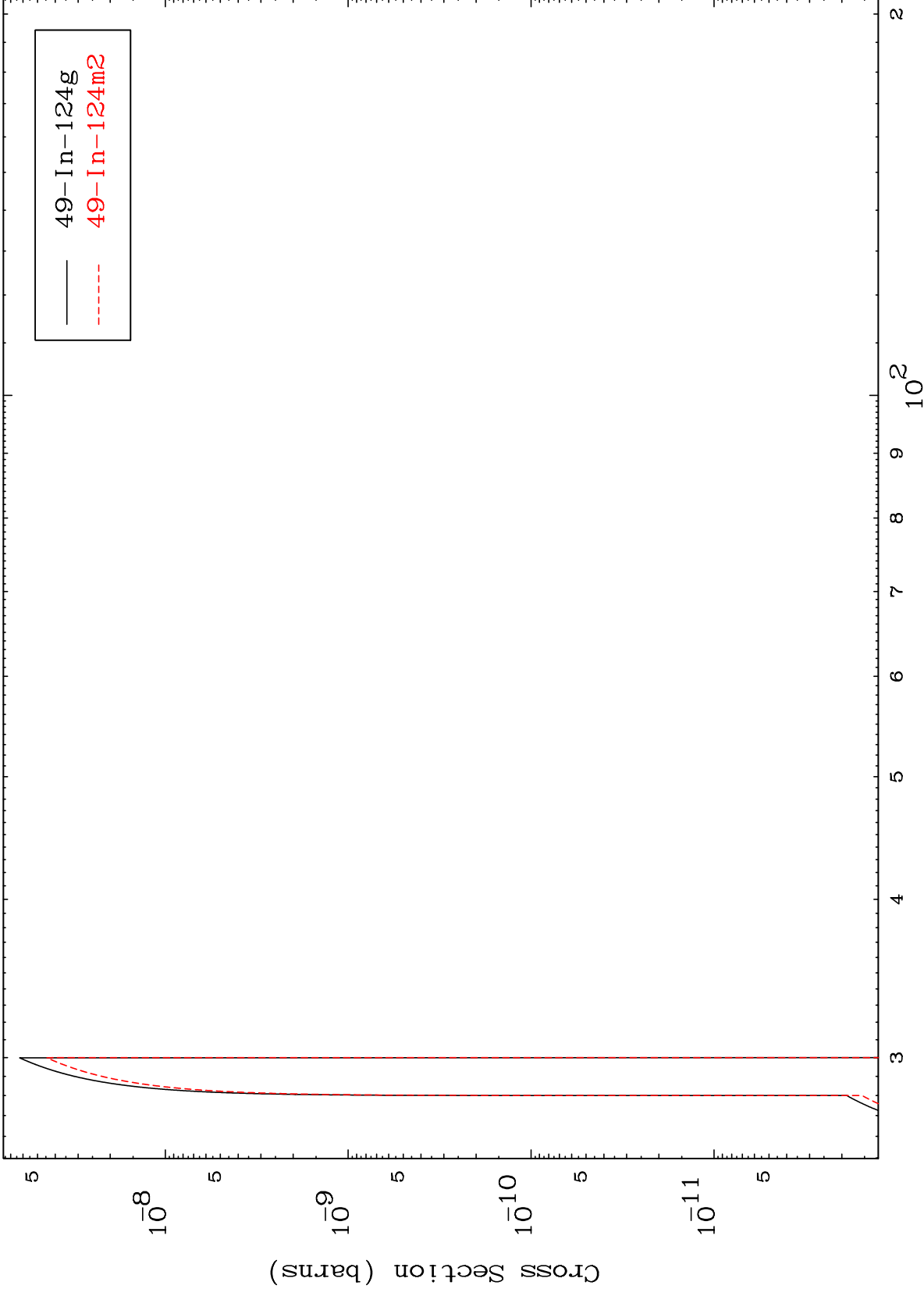
48-Cd-124

MAT 4879

(n,3n) p

48-Cd-124

Radionuclide Production Cross Section



20

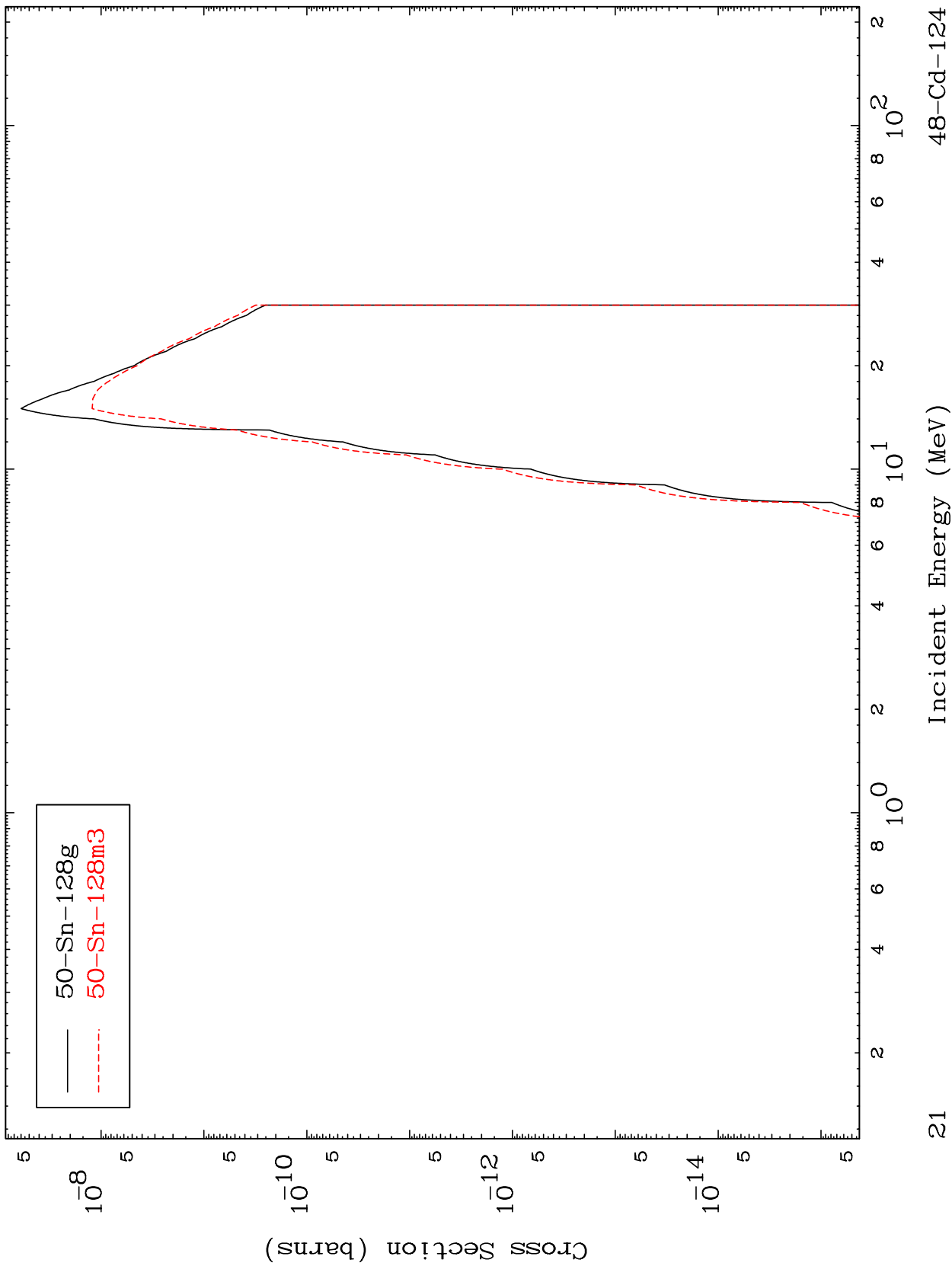
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

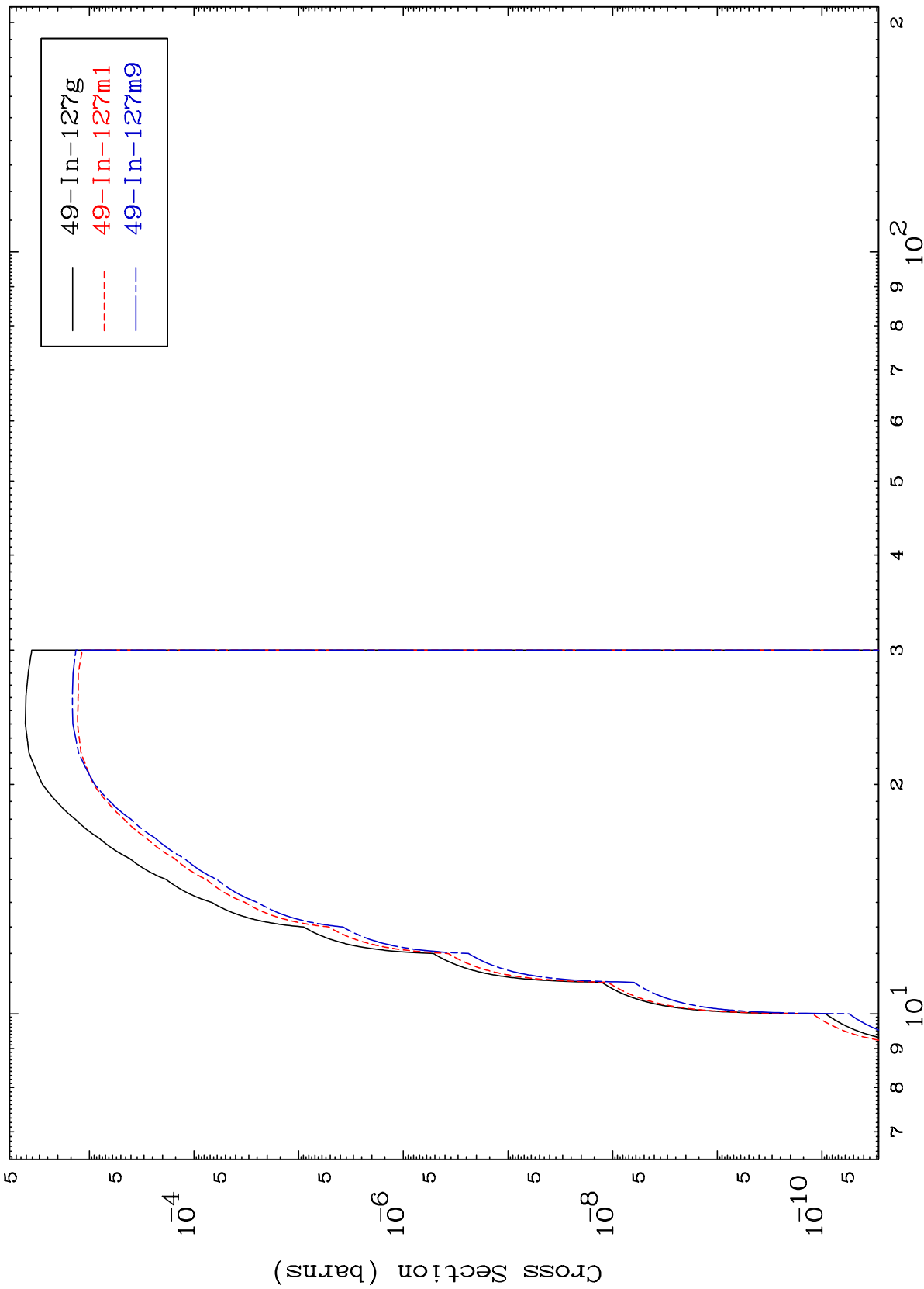
(n, γ)
Radionuclide Production Cross Section



MAT 4879

48-Cd-124

(n,p)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

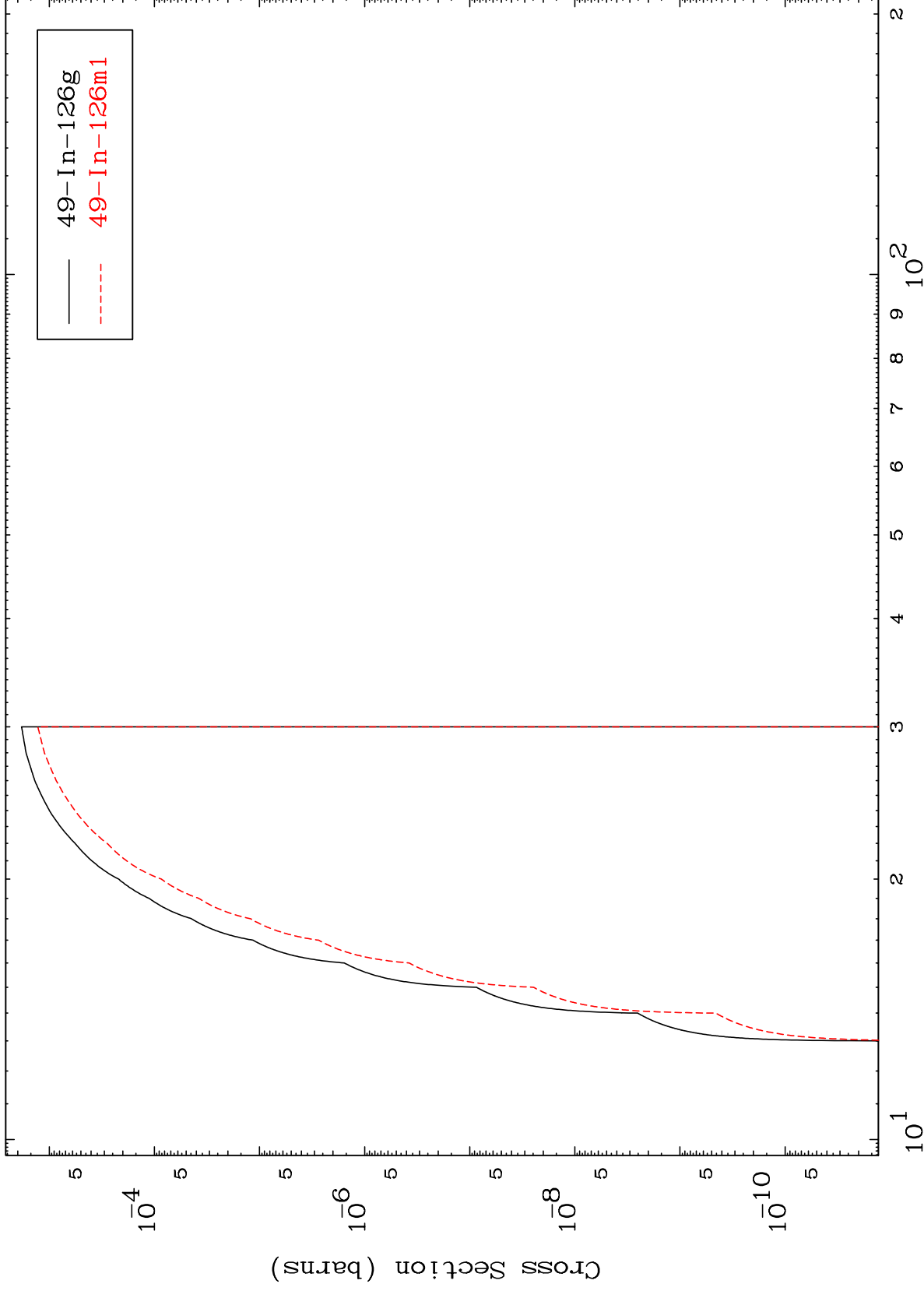
48-Cd-124

MAT 4879

(n,d)

48-Cd-124

Radionuclide Production Cross Section



23

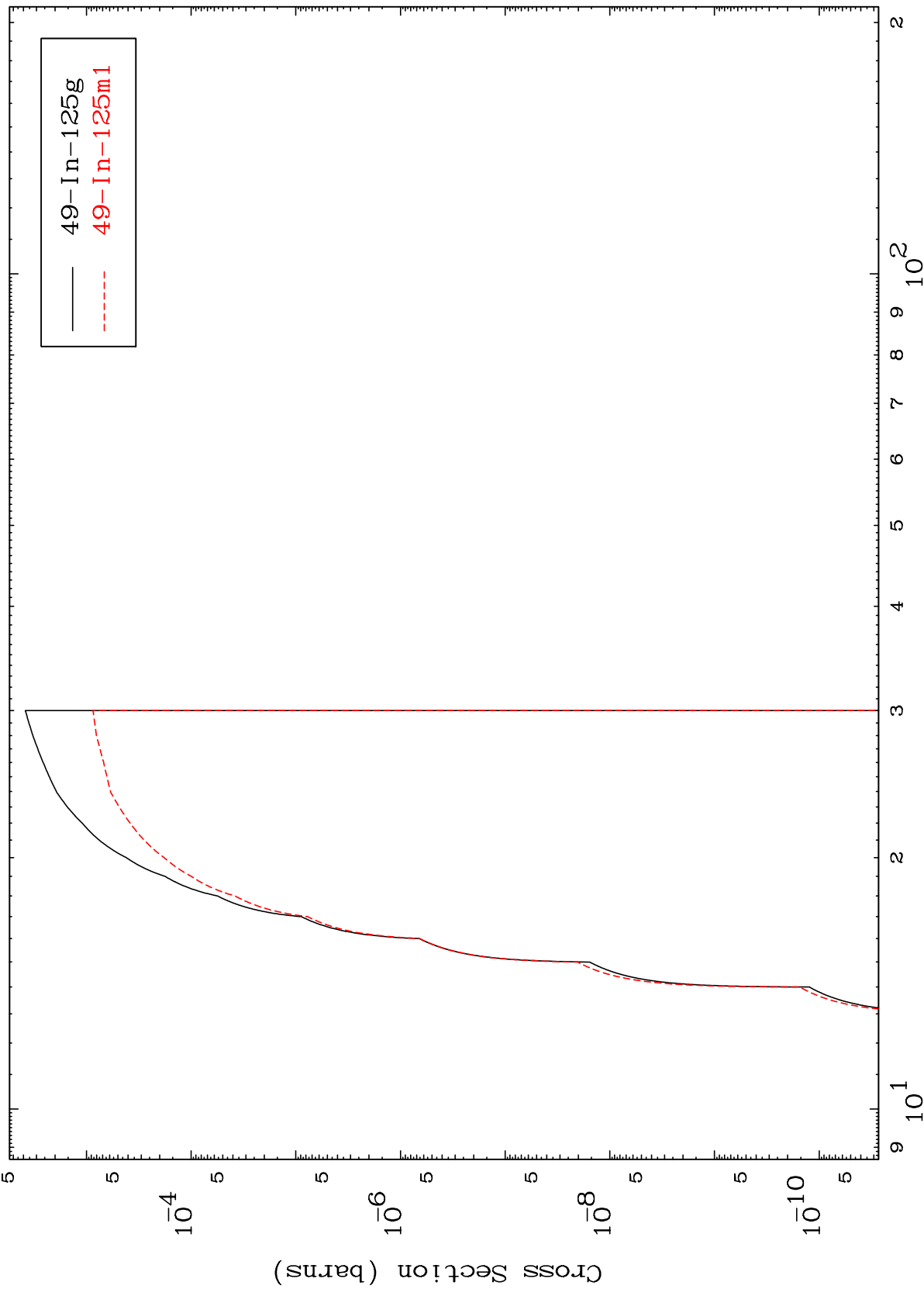
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

(n,t)
Radionuclide Production Cross Section



48-Cd-124

Incident Energy (MeV)

24