

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

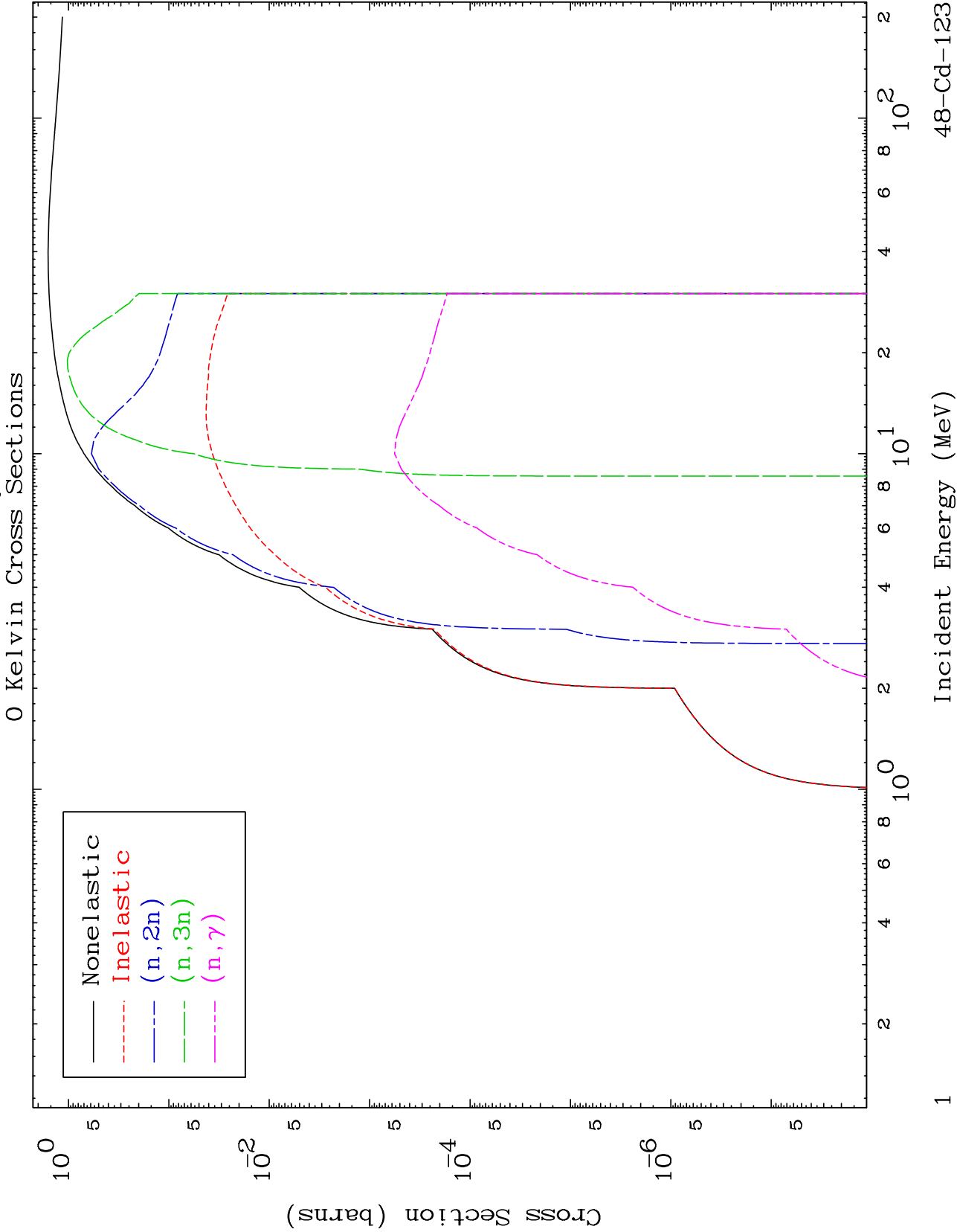
Web:redcullen1.net/HOMEPAGE.NEW

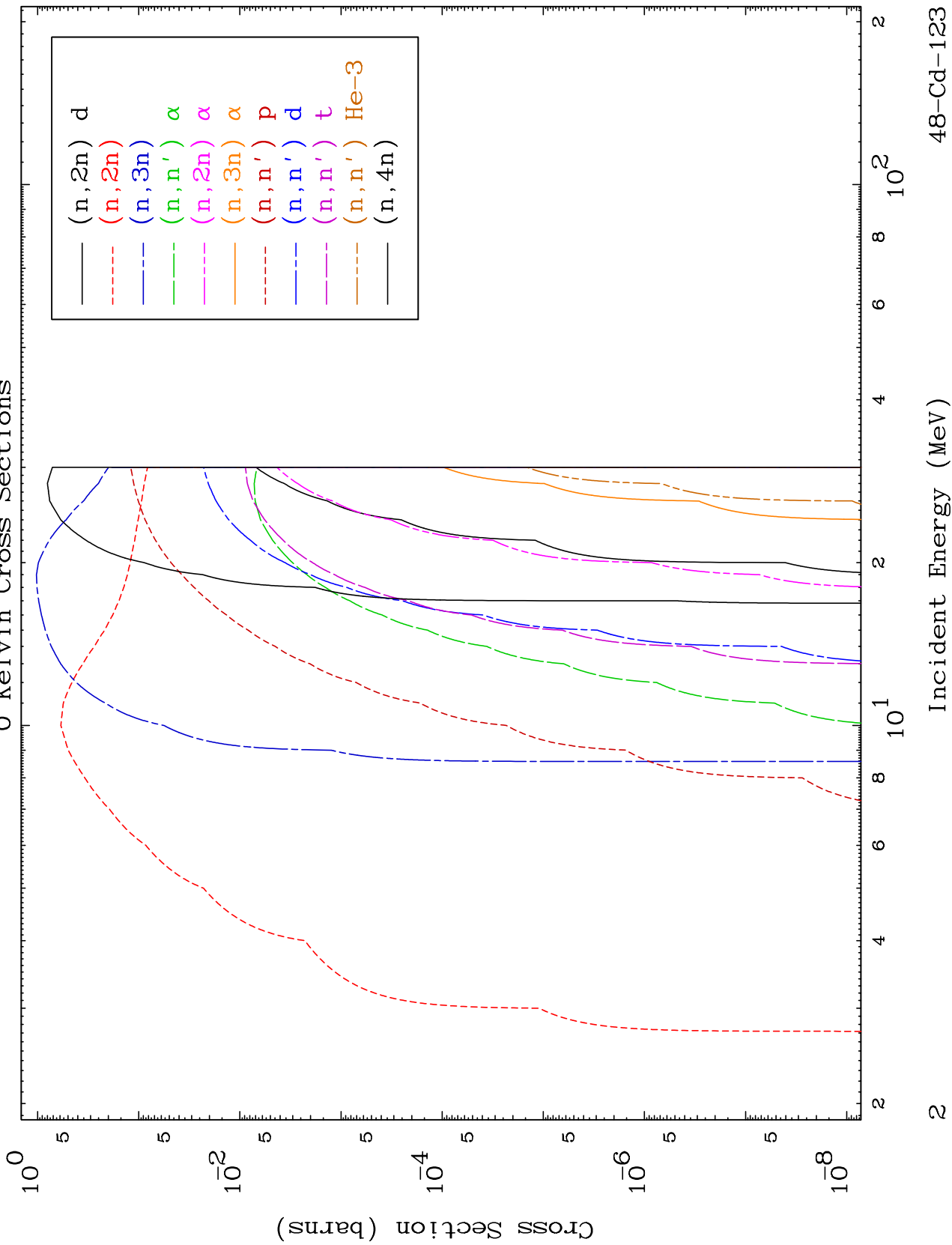
Press Mouse Button to Start

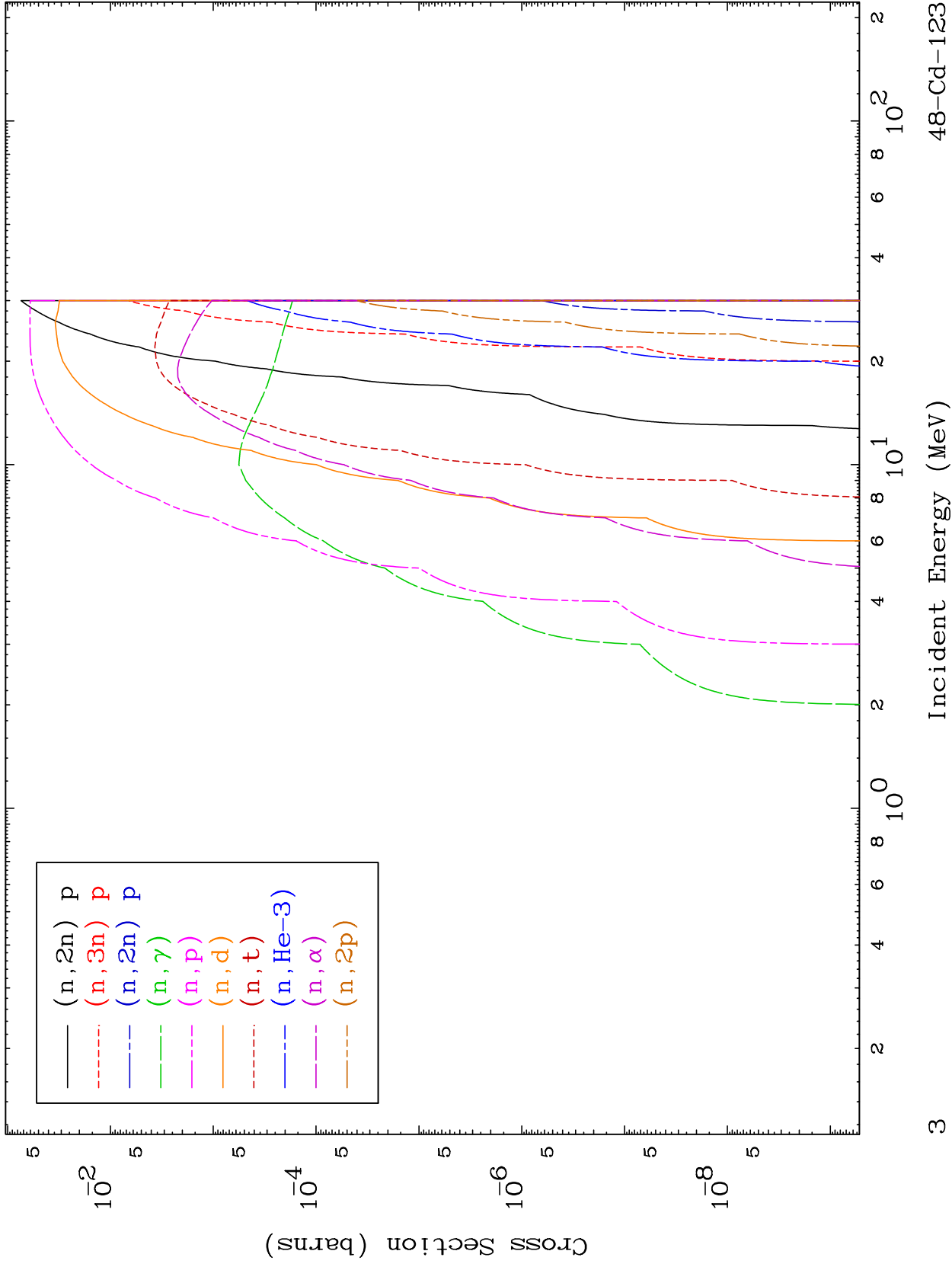
MAT 4876

Proton Major

48-Cd-123



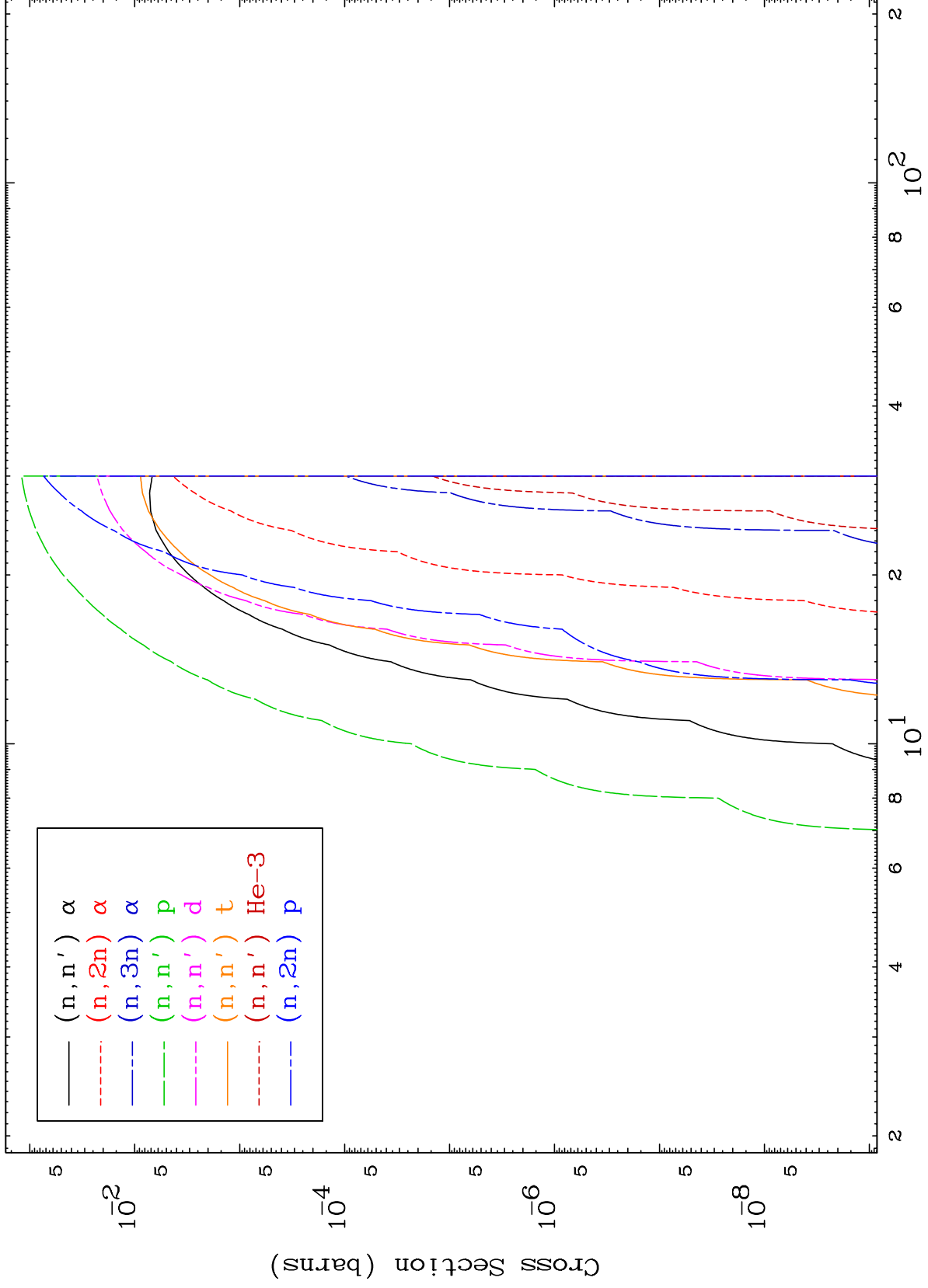




MAT 4876

Proton Charged Particle
0 Kelvin Cross Sections

48-Cd-123



4

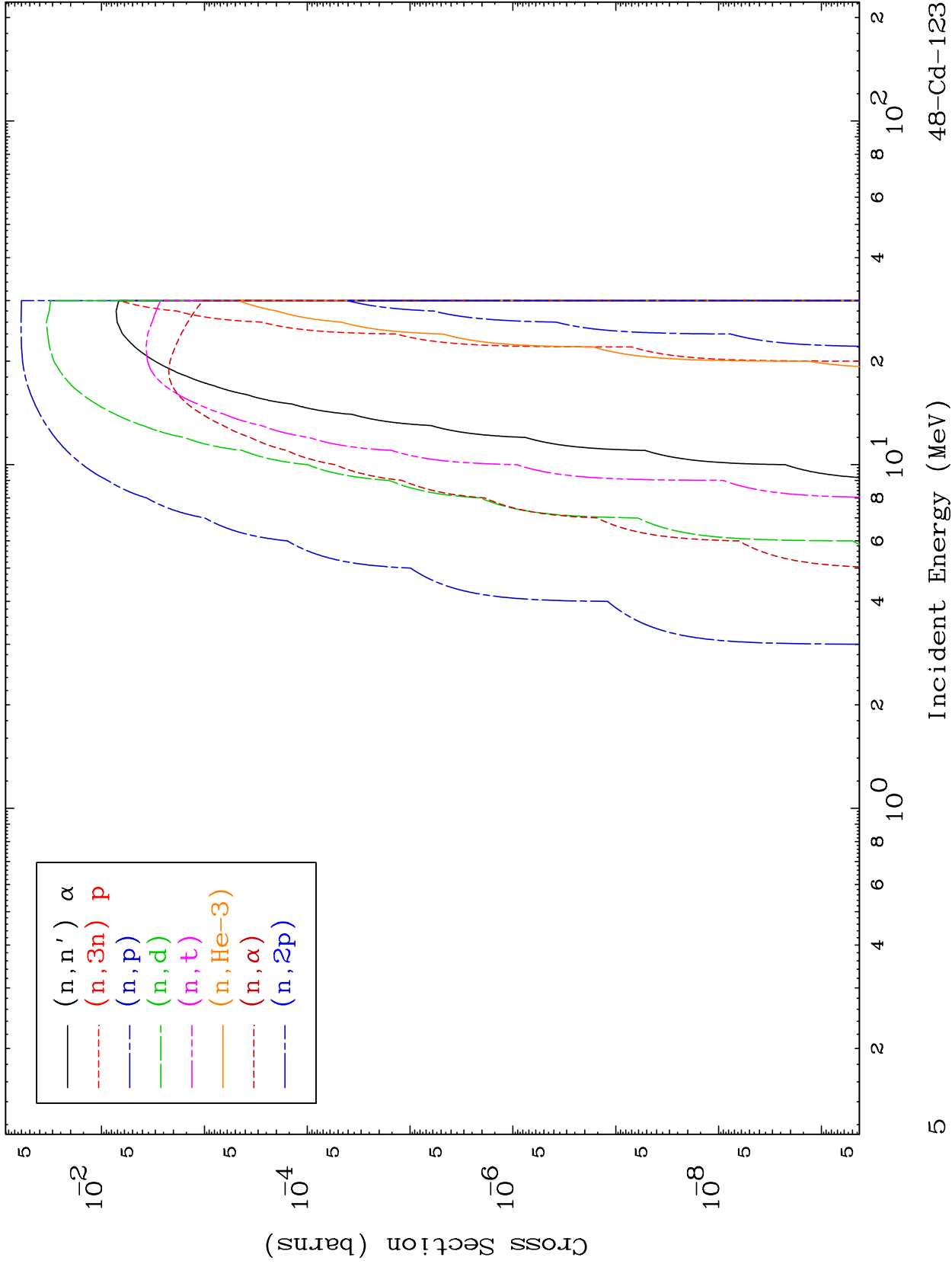
Incident Energy (MeV)

48-Cd-123

MAT 4876

Proton Charged Particle
0 Kelvin Cross Sections

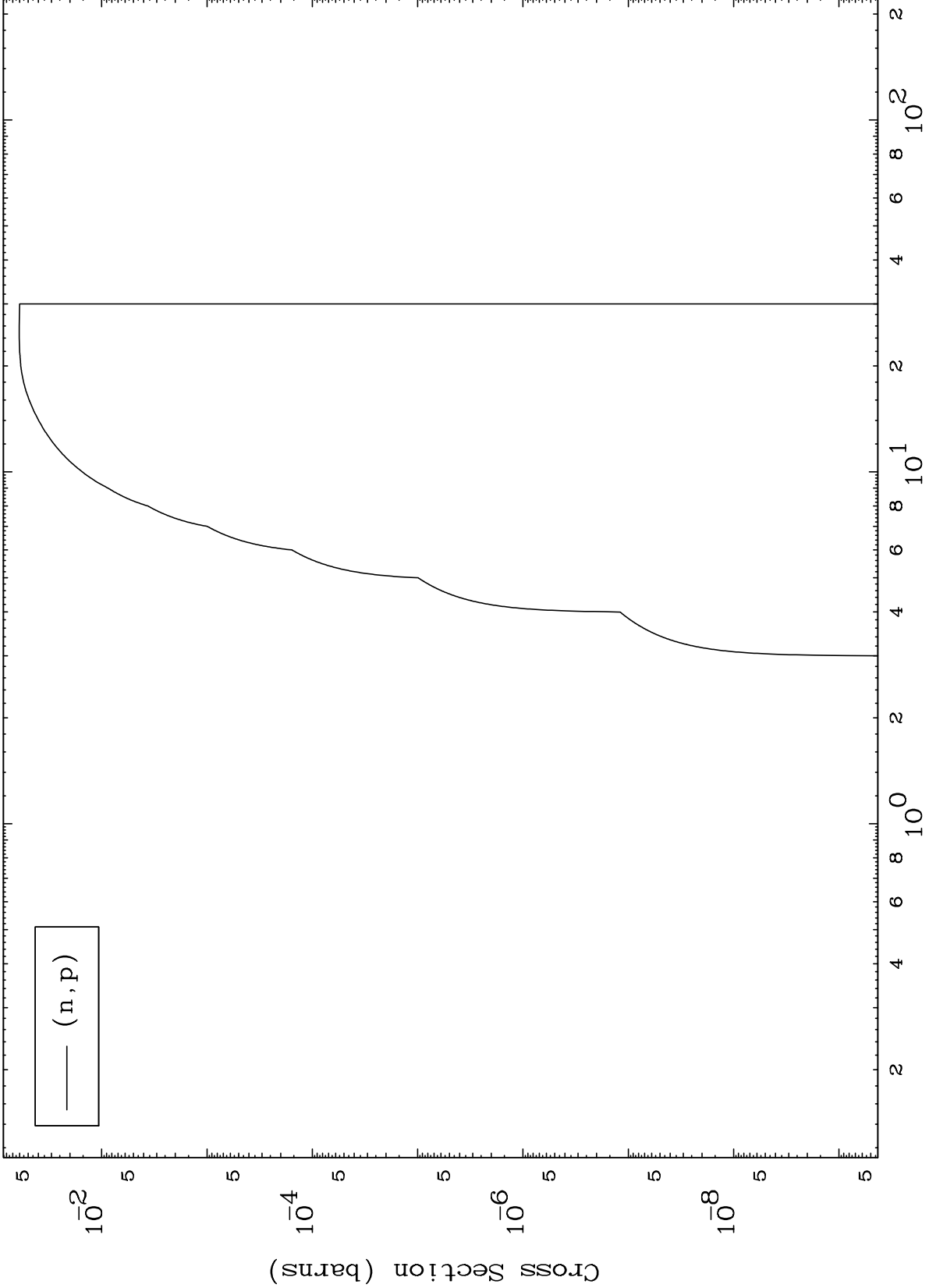
48-Cd-123



MAT 4876

(p,p) Levels
0 Kelvin Cross Sections

48-Cd-123



6

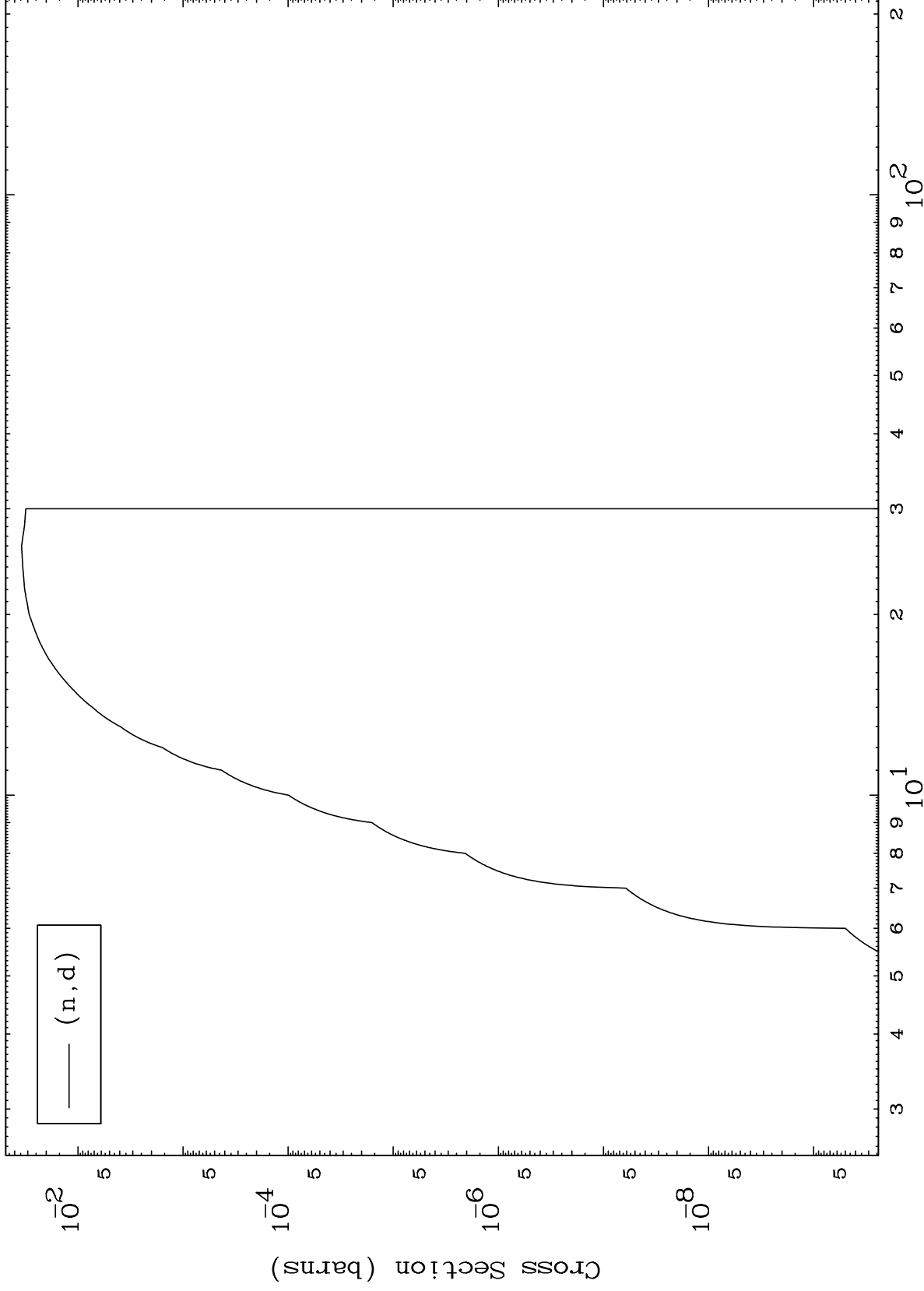
Incident Energy (MeV)

48-Cd-123

MAT 4876

(p,d) Levels
0 Kelvin Cross Sections

48-Cd-123



7

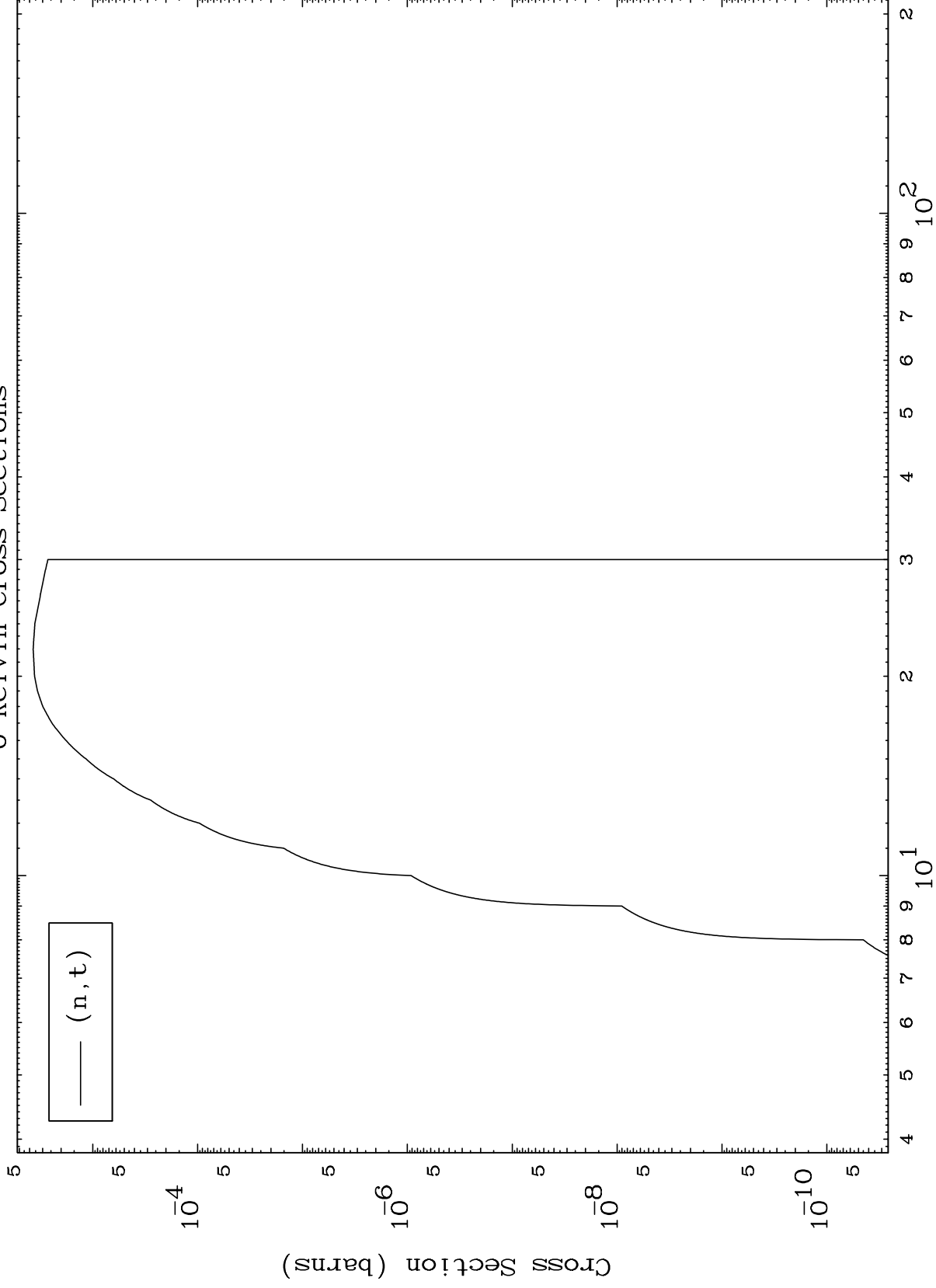
Incident Energy (MeV)

48-Cd-123

MAT 4876

(p, t) Levels
0 Kelvin Cross Sections

48-Cd-123



8

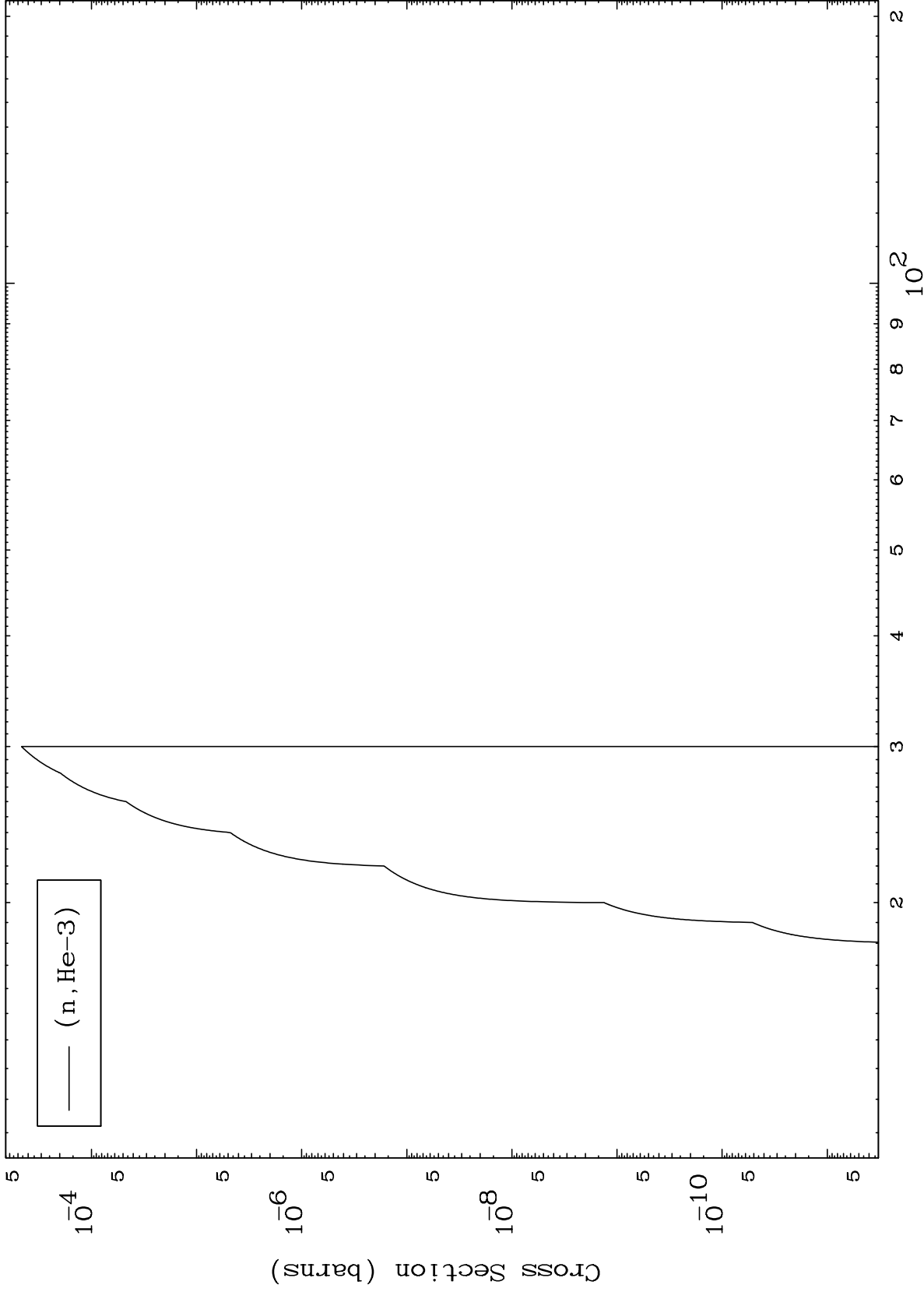
Incident Energy (MeV)

48-Cd-123

MAT 4876

(p,He3) Levels
0 Kelvin Cross Sections

48-Cd-123

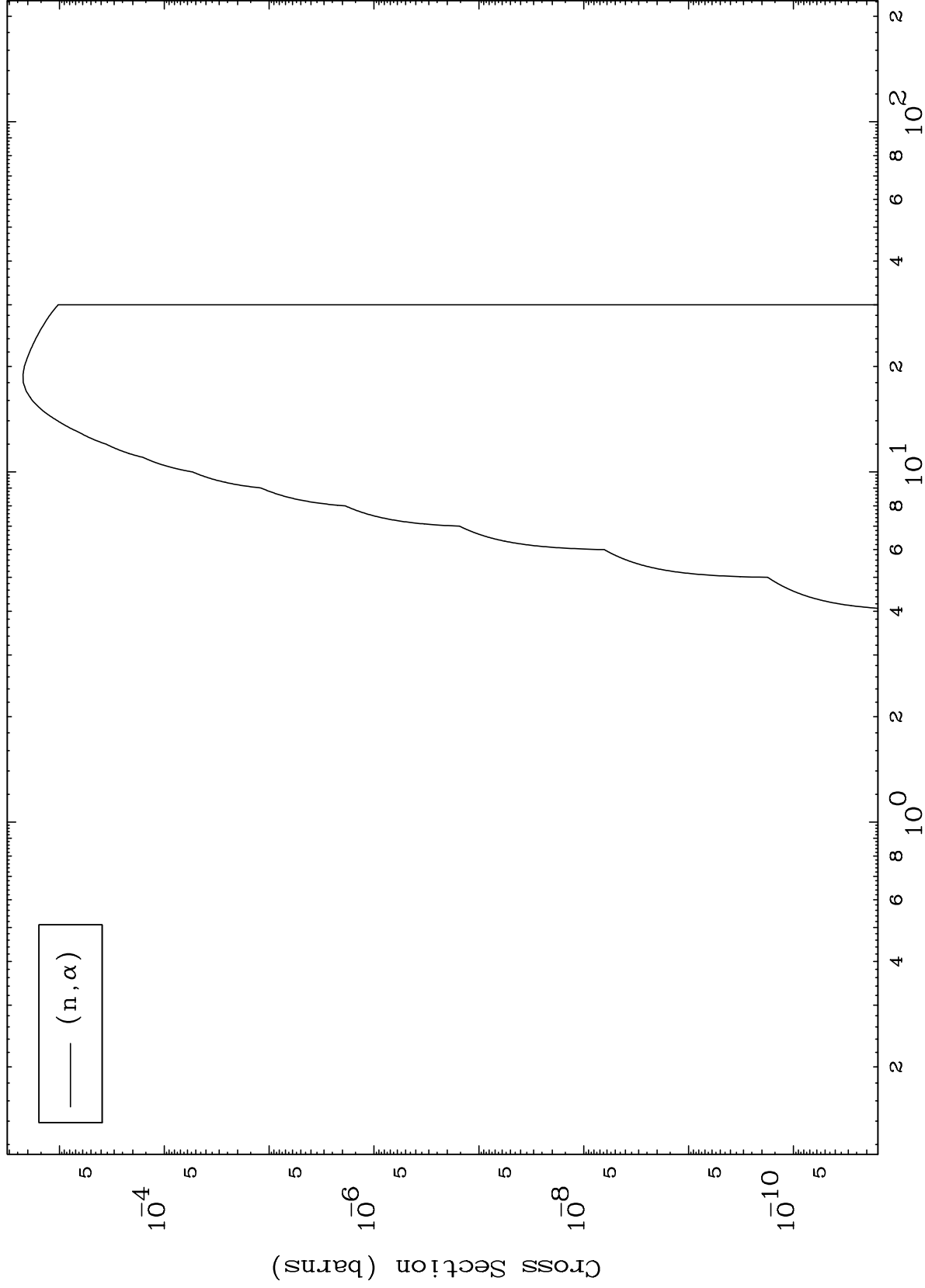


MAT 4876

(p, α) Levels

48-Cd-123

0 Kelvin Cross Sections



10

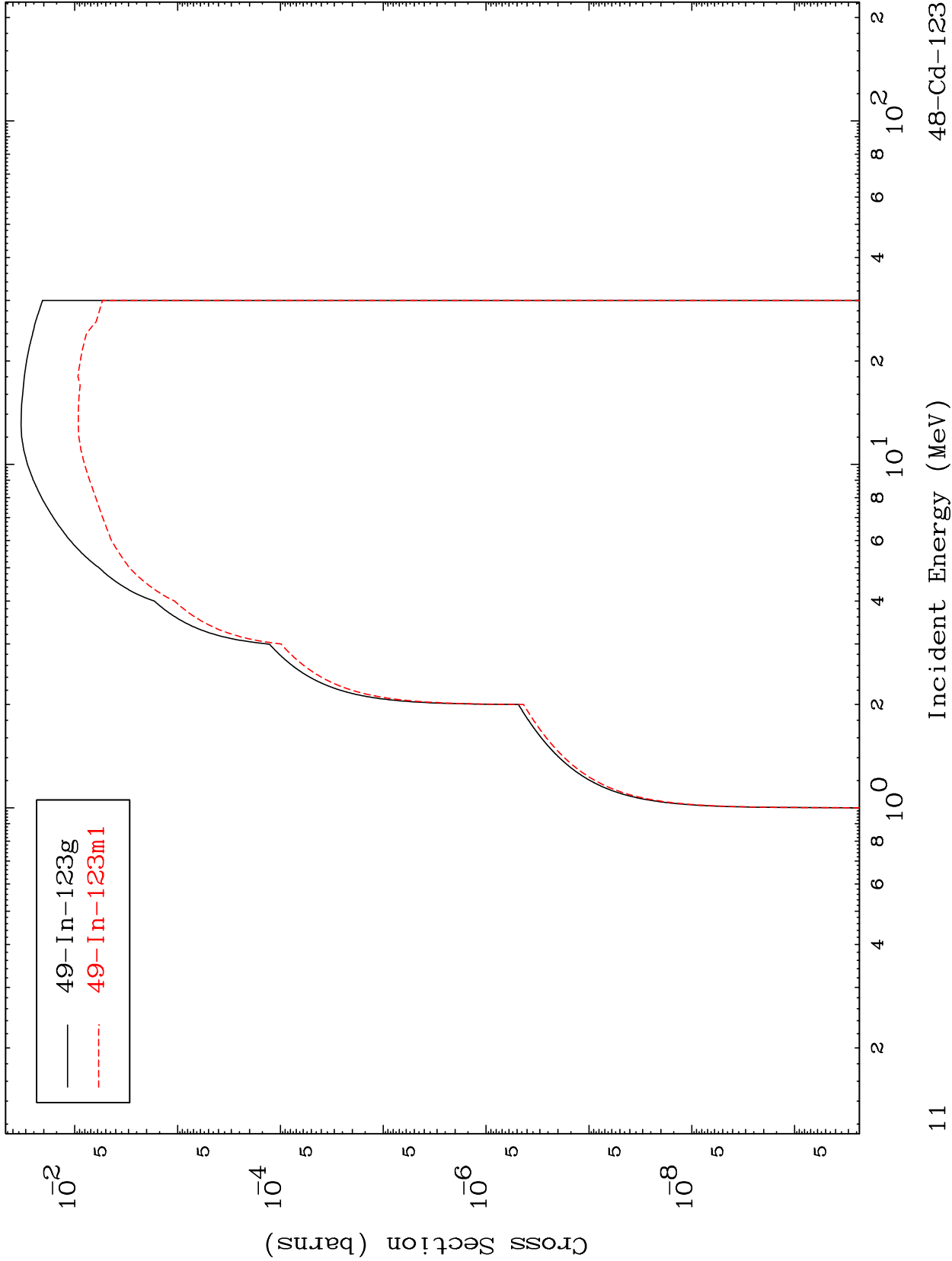
Incident Energy (MeV)

48-Cd-123

MAT 4876

48-Cd-123

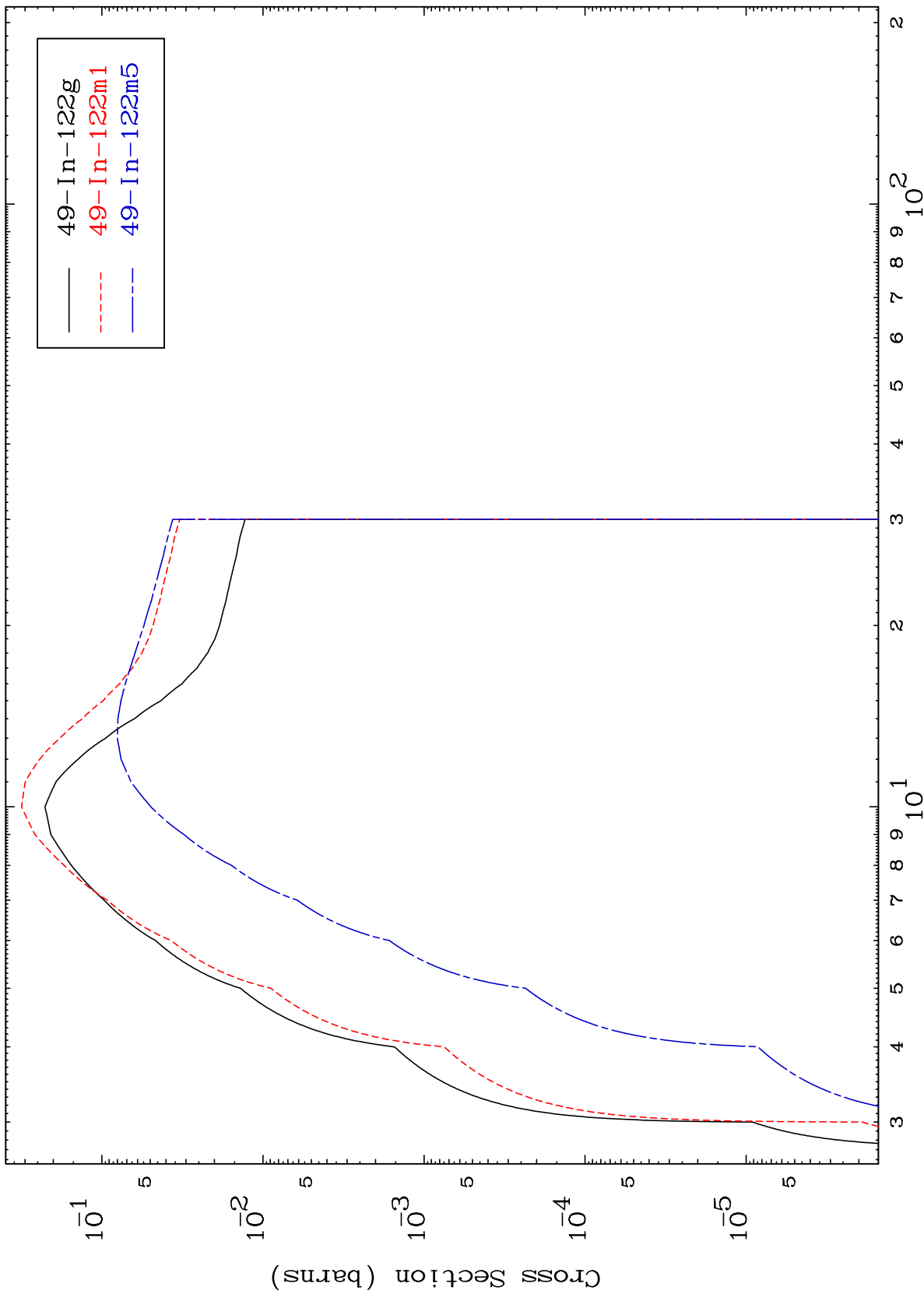
Radionuclide Production Cross Section



MAT 4876

48-Cd-123

(n,2n)
Radionuclide Production Cross Section



48-Cd-123

Incident Energy (MeV)

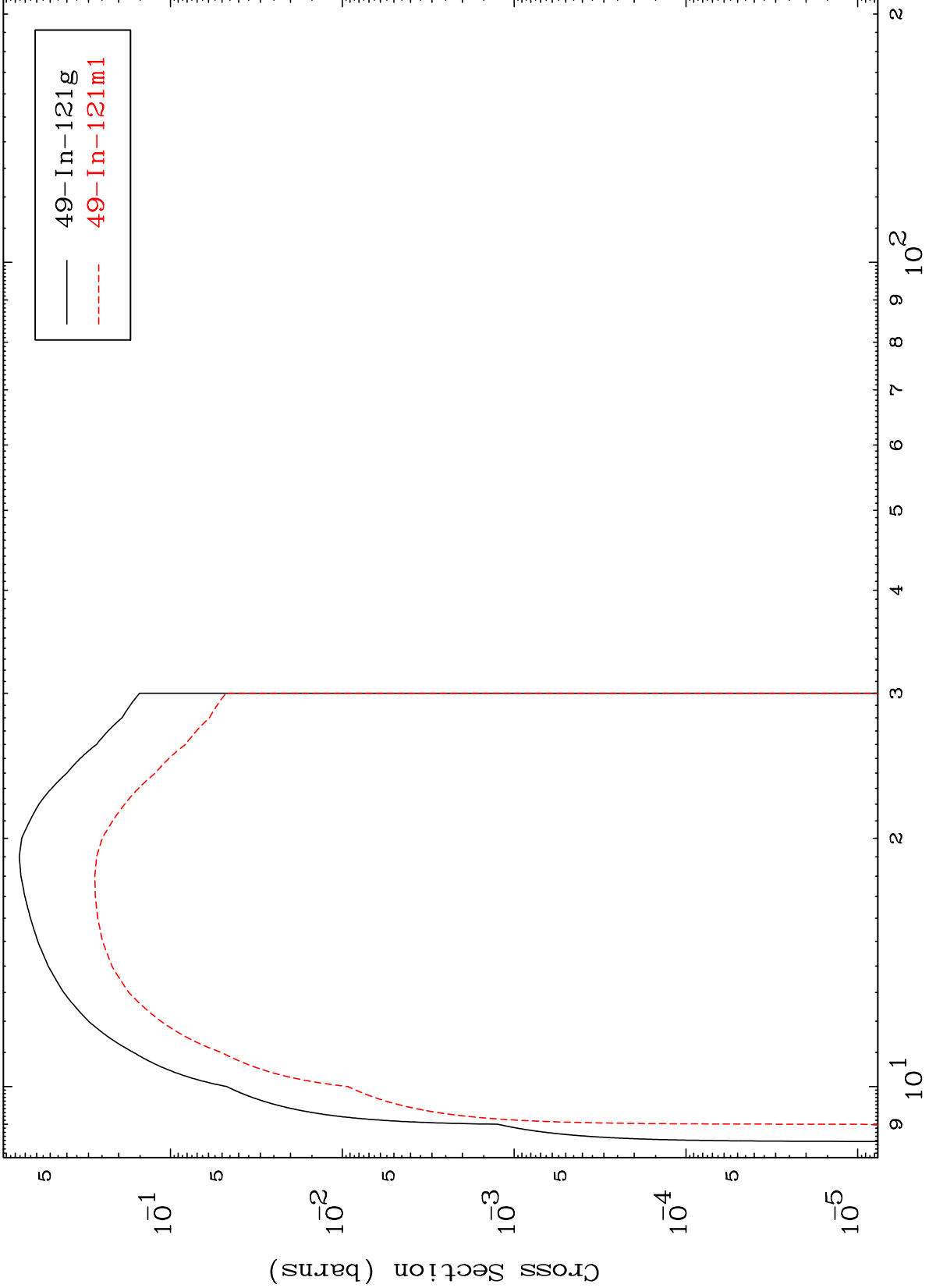
12

MAT 4876

(n,3n)

48-Cd-123

Radionuclide Production Cross Section



49-In-121g
49-In-121m1

13

Incident Energy (MeV)

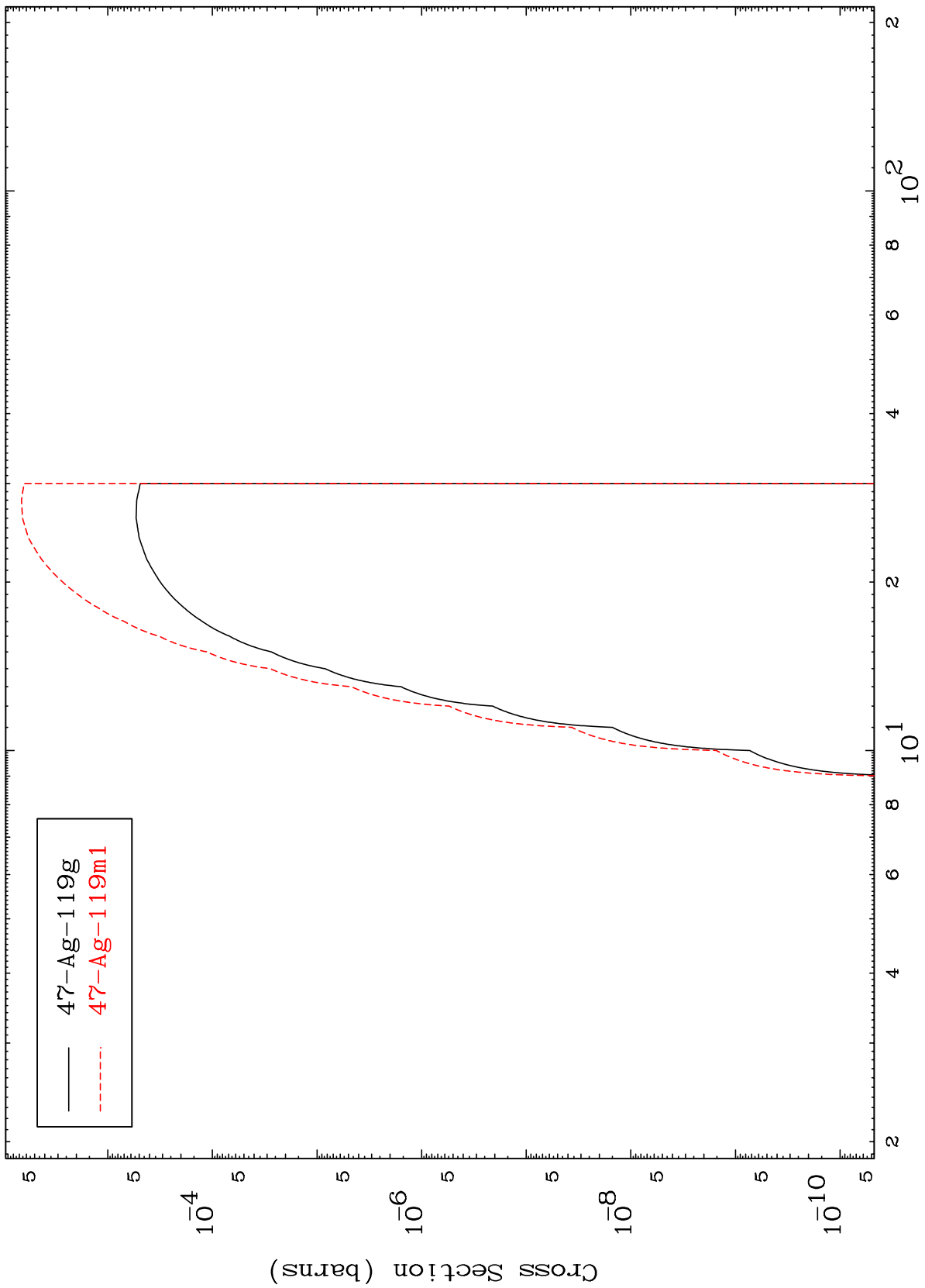
48-Cd-123

MAT 4876

(n,n') α

48-Cd-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

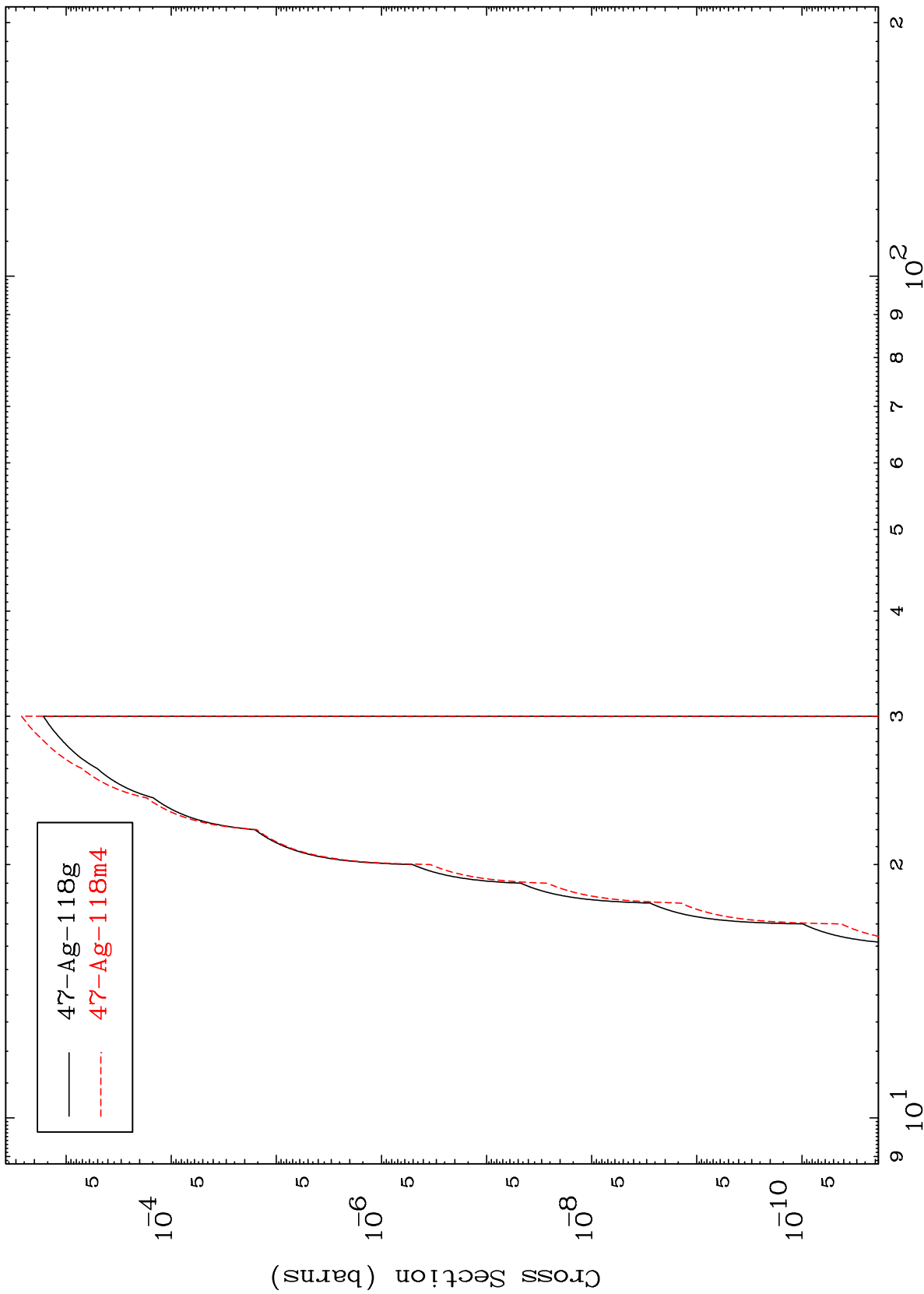
48-Cd-123

MAT 4876

(n,2n) α

48-Cd-123

Radionuclide Production Cross Section



47-Ag-118g
47-Ag-118m4

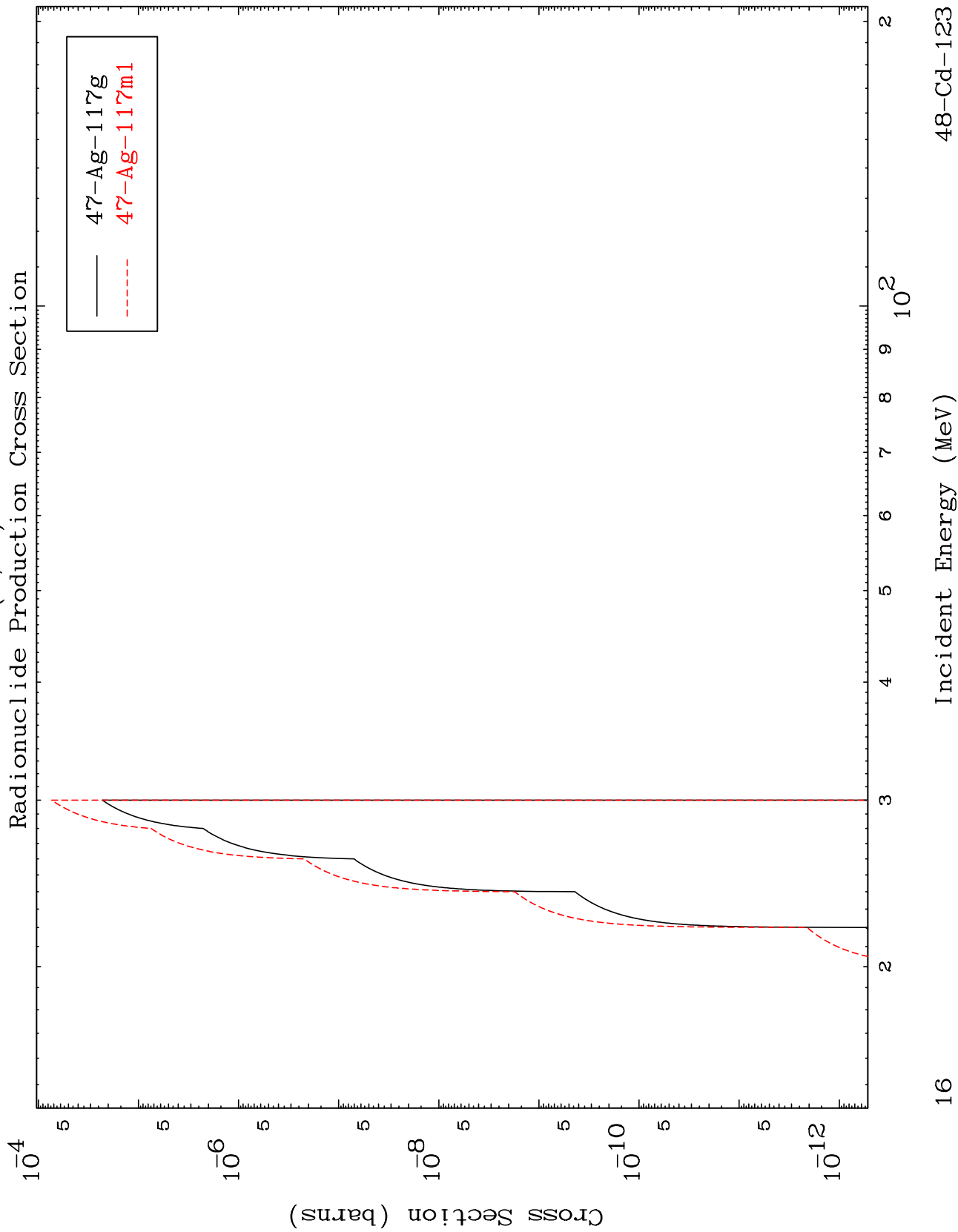
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,3n) α

48-Cd-123



16

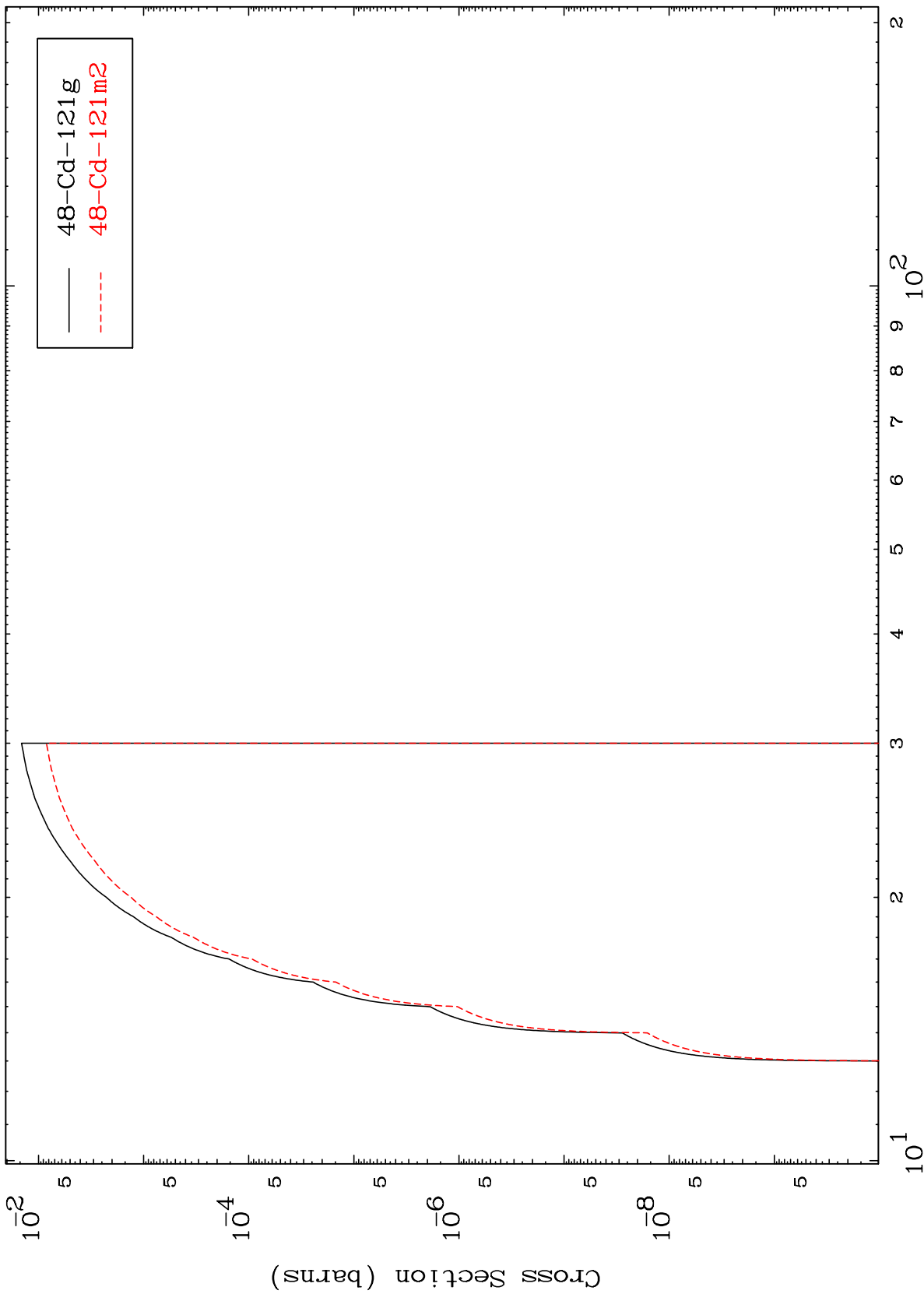
48-Cd-123

MAT 4876

(n,n') d

48-Cd-123

Radionuclide Production Cross Section

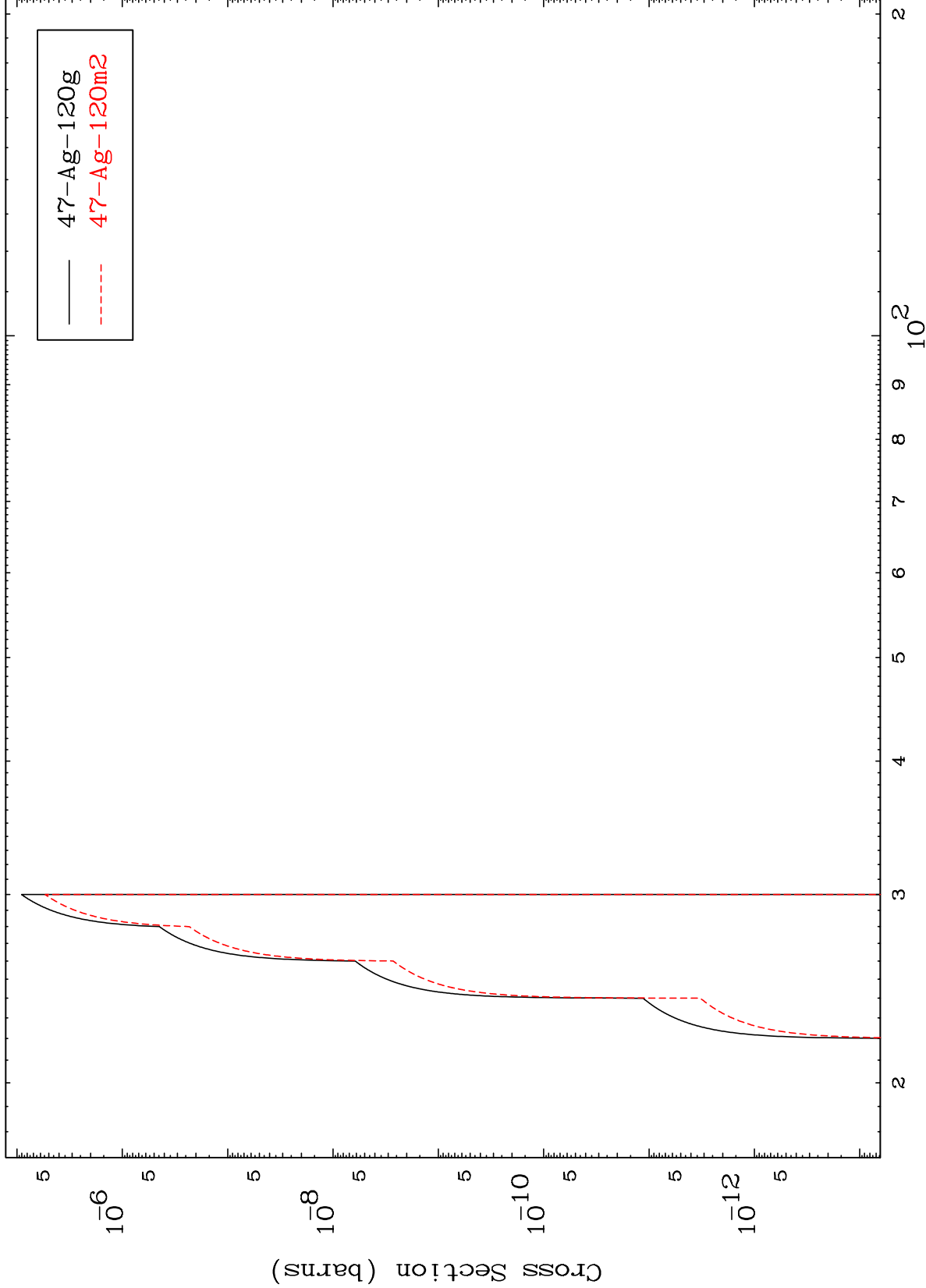


17

Incident Energy (MeV)

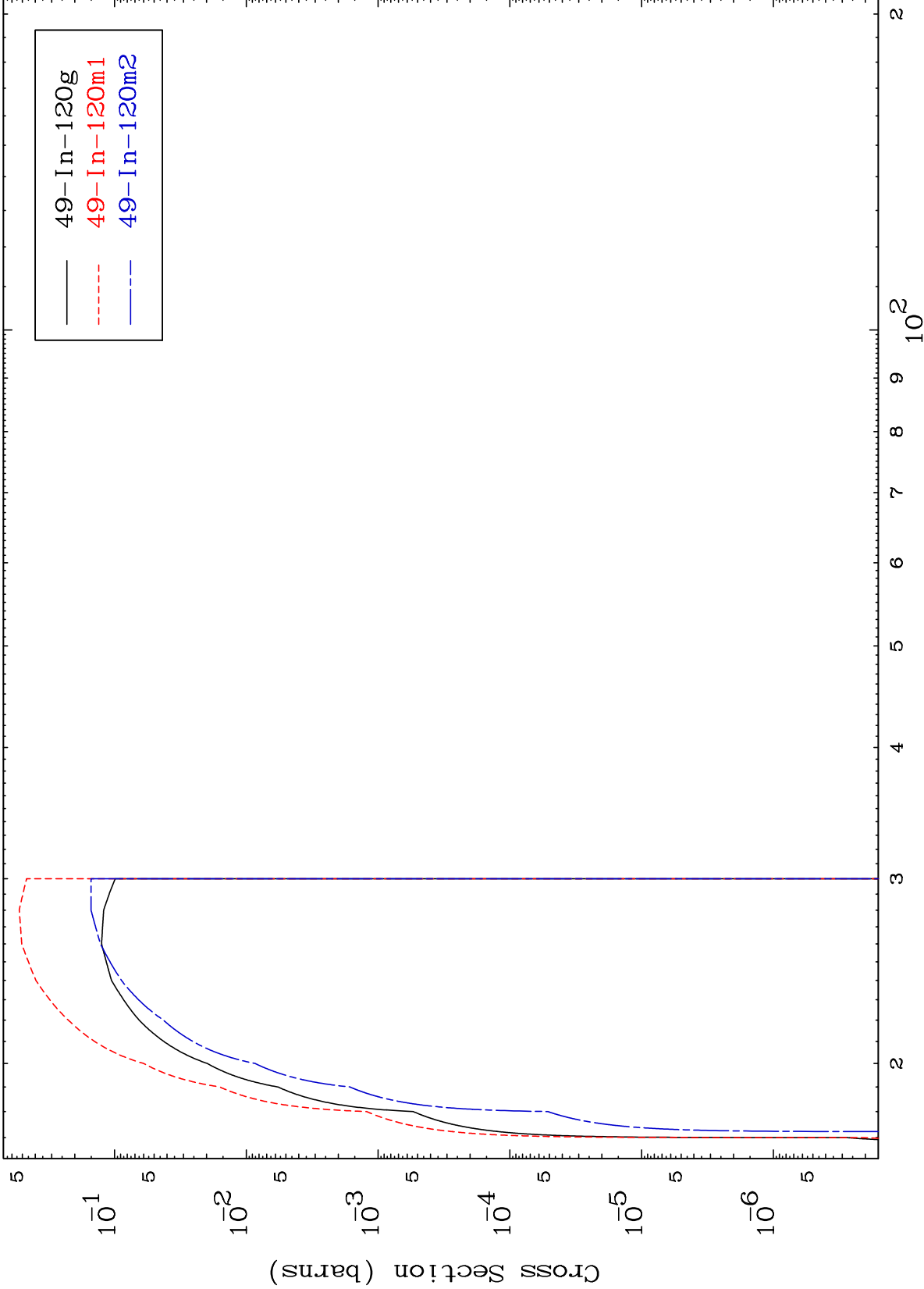
48-Cd-123

Radionuclide Production Cross Section



47-Ag-120g
47-Ag-120m2

Radionuclide Production Cross Section

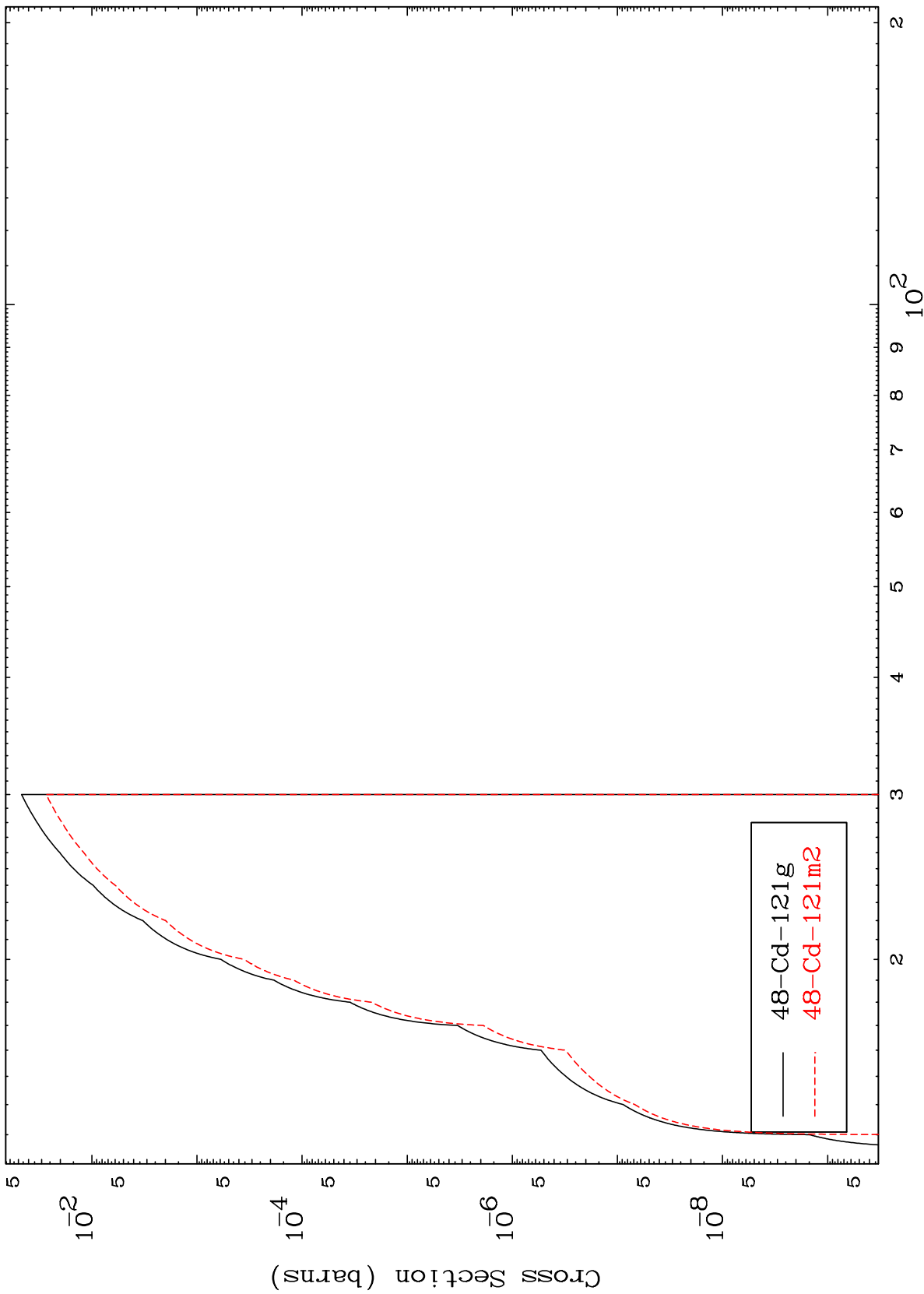


MAT 4876

(n,2n) p

48-Cd-123

Radionuclide Production Cross Section



20

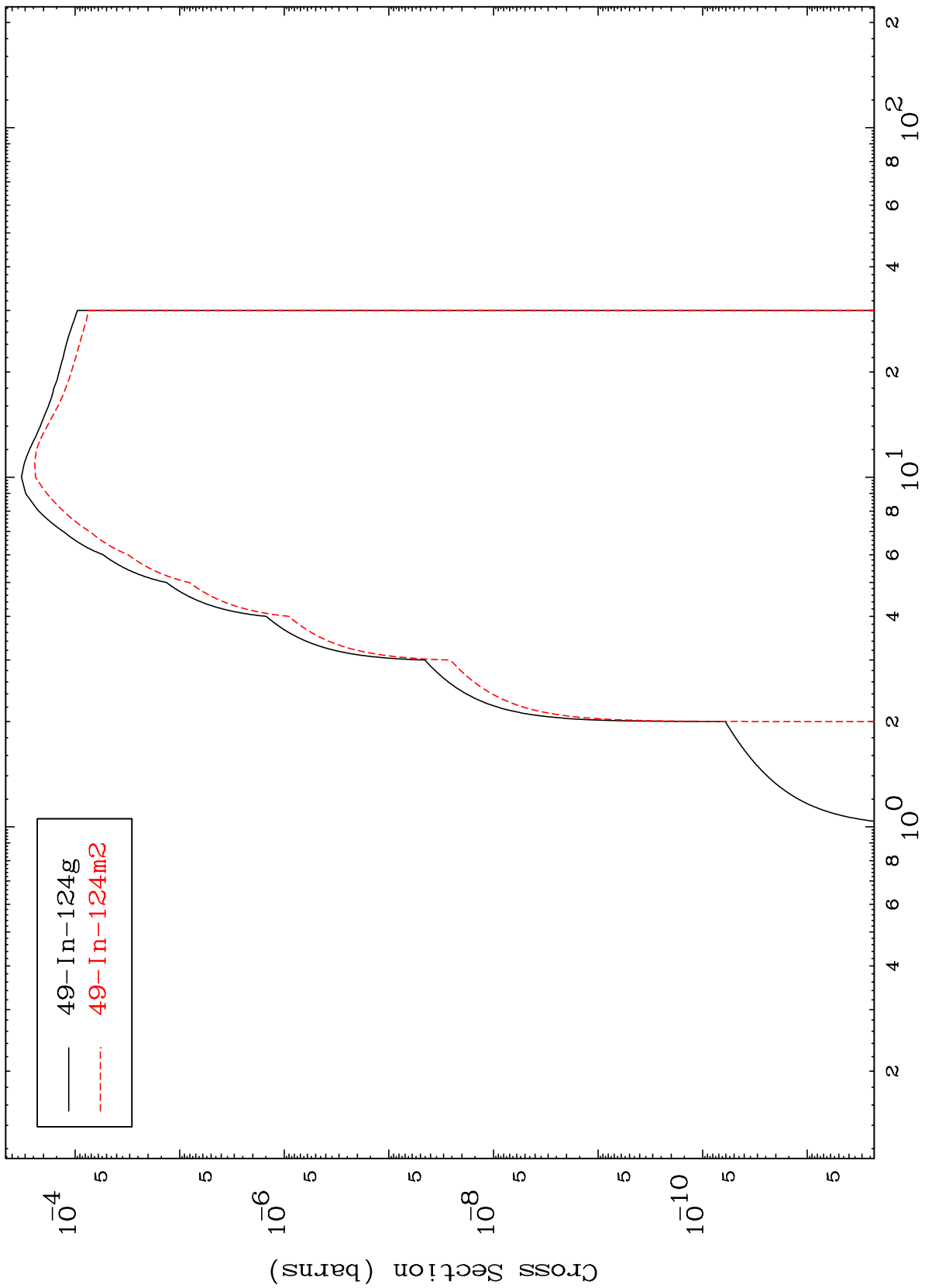
Incident Energy (MeV)

48-Cd-123

MAT 4876

48-Cd-123

(n, γ)
Radionuclide Production Cross Section



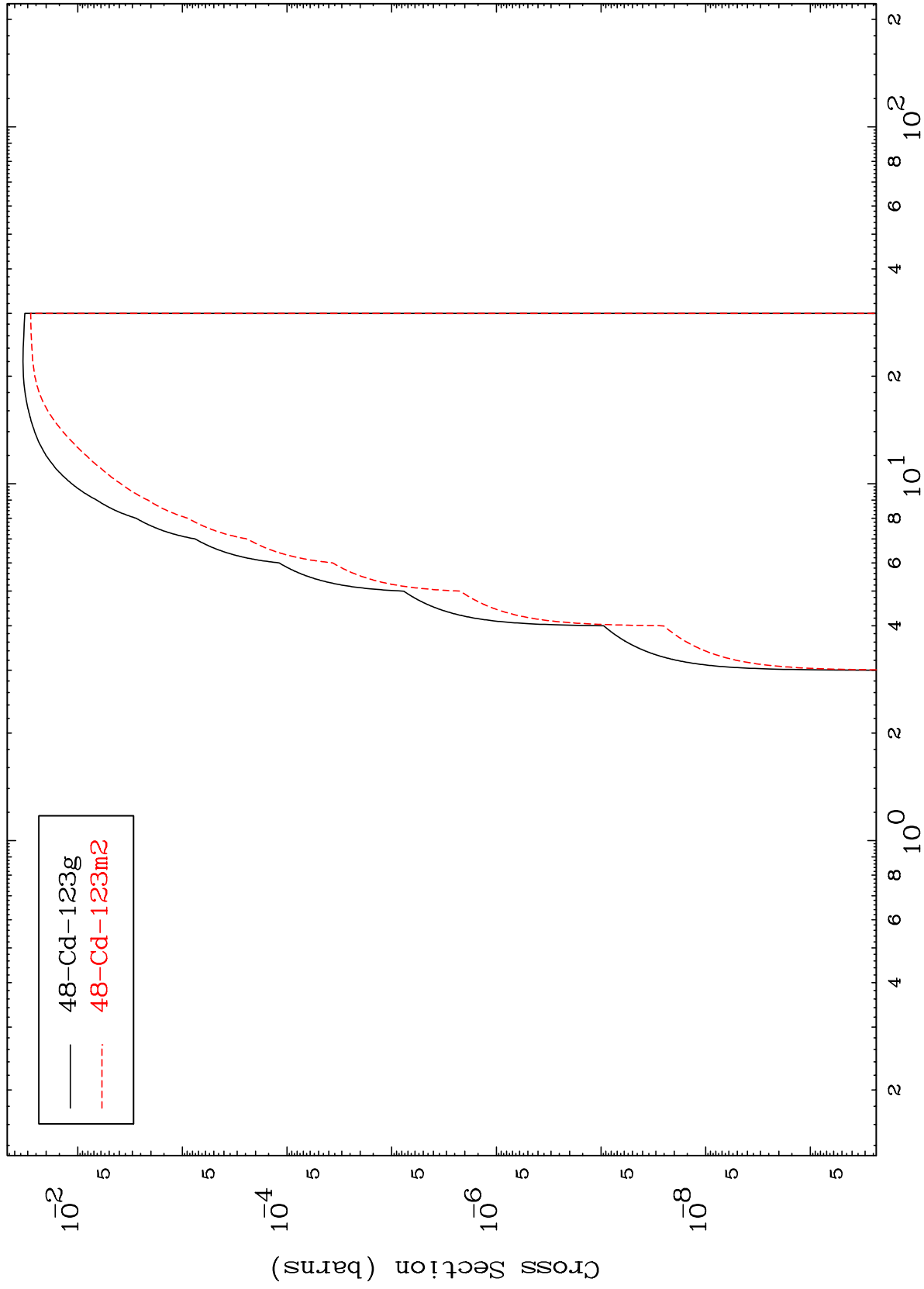
48-Cd-123

Incident Energy (MeV)

MAT 4876

48-Cd-123

(n,p)
Radionuclide Production Cross Section



48-Cd-123

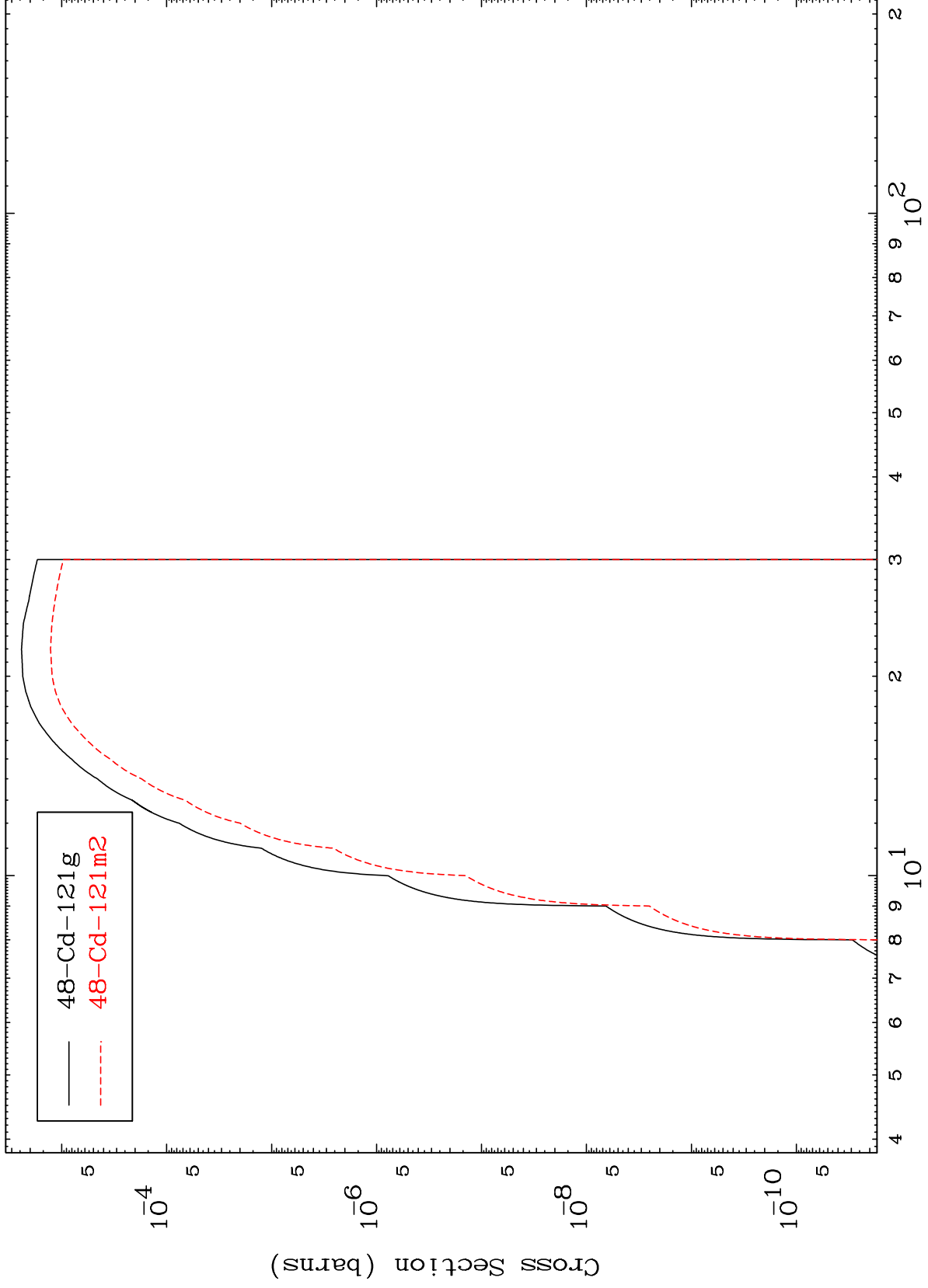
Incident Energy (MeV)

22

MAT 4876

48-Cd-123

(n, t)
Radionuclide Production Cross Section



23

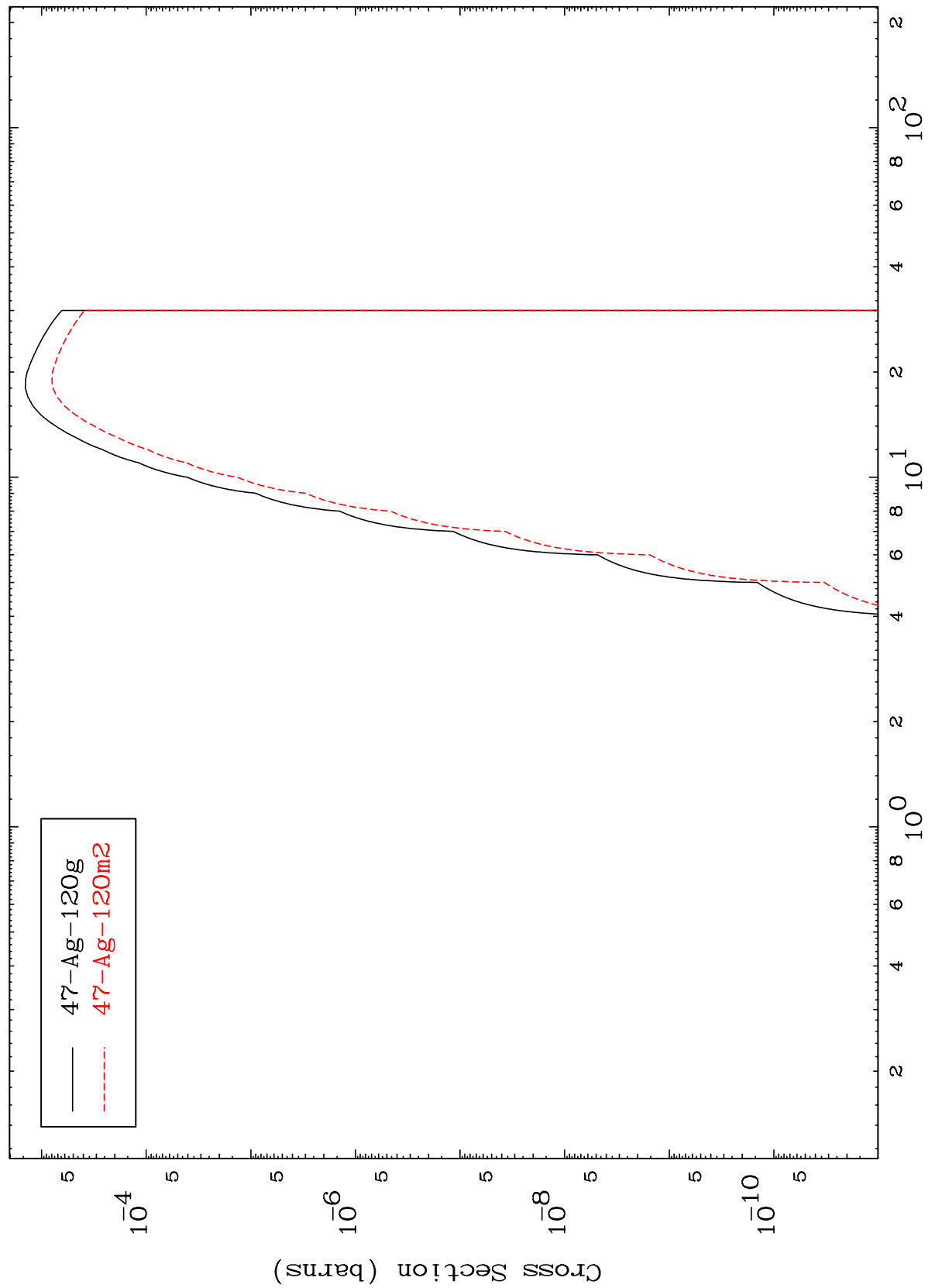
Incident Energy (MeV)

48-Cd-123

MAT 4876

48-Cd-123

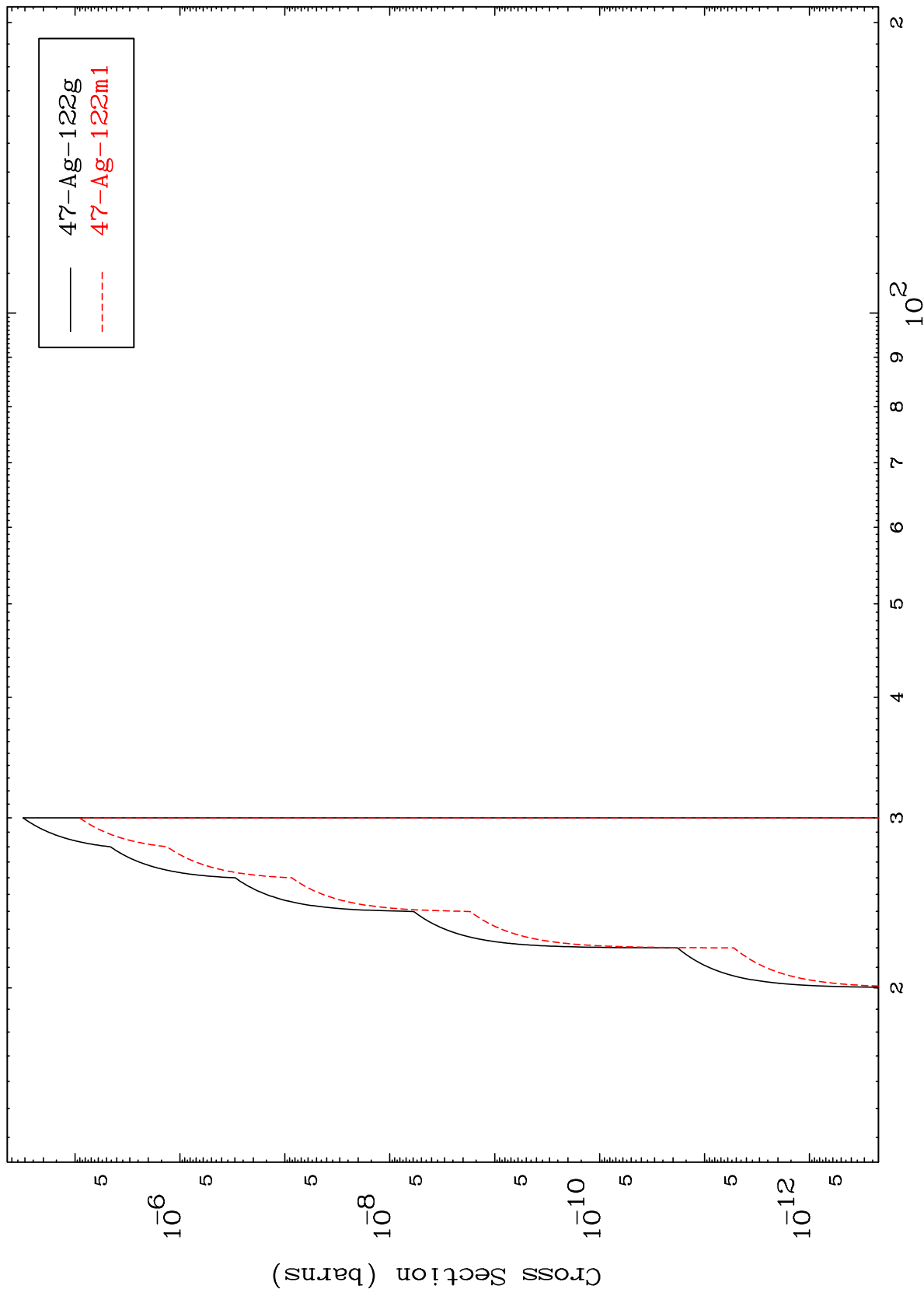
Radionuclide Production Cross Section (n,α)



MAT 4876

48-Cd-123

(n,2p)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

48-Cd-123