

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

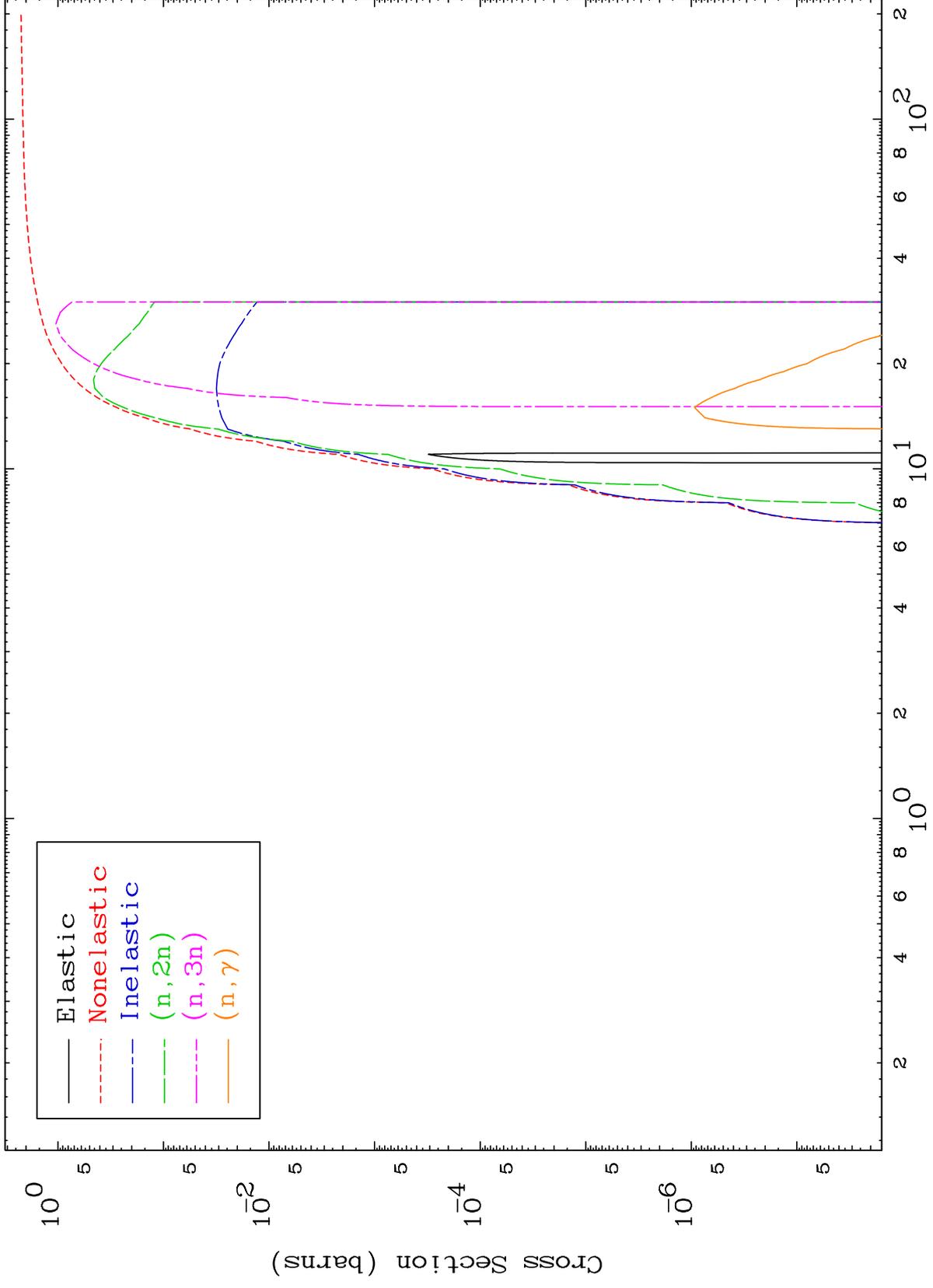
Press Mouse Button to Start

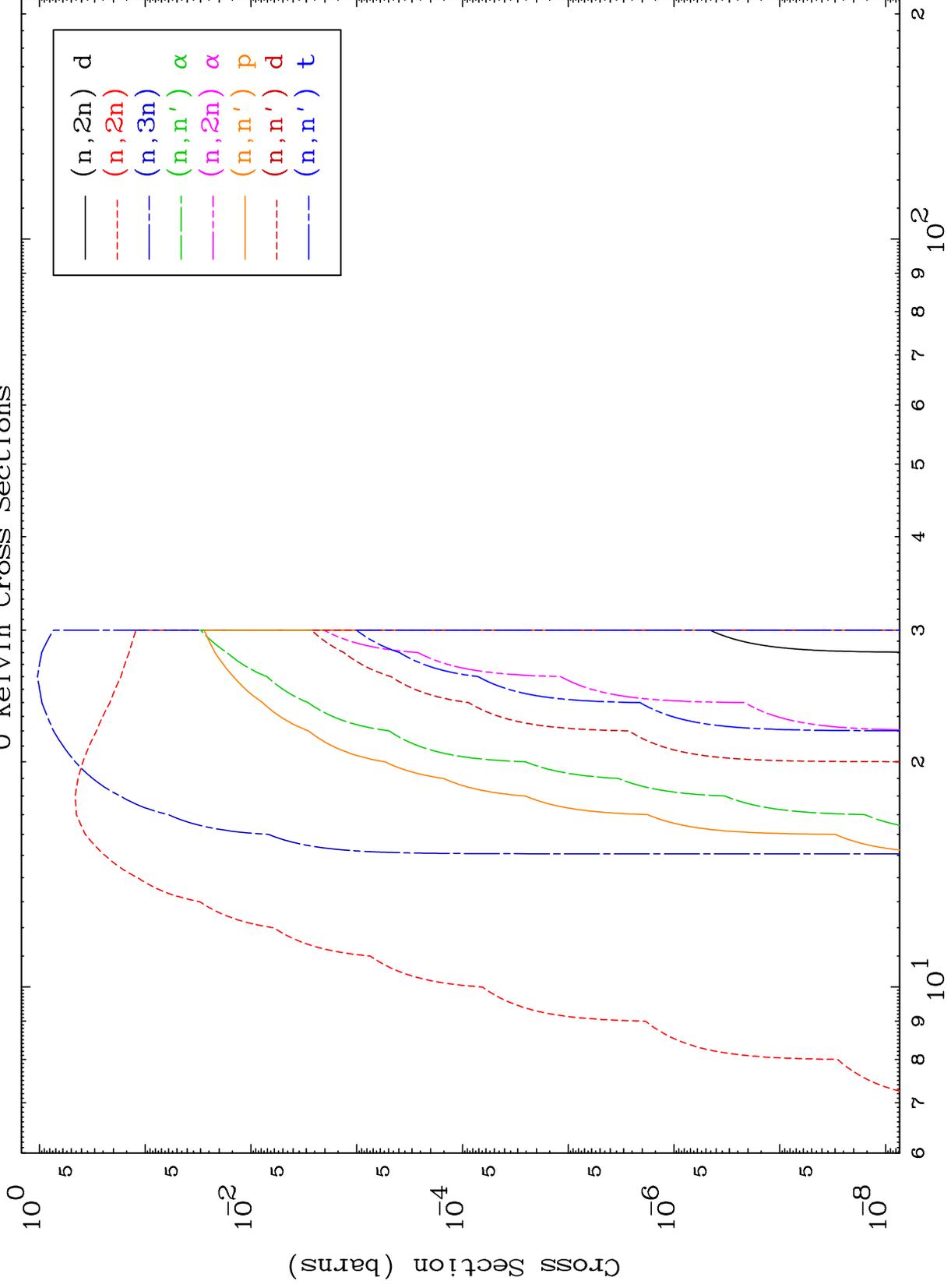
MAT 4873

α Major

48-Cd-122

0 Kelvin Cross Sections

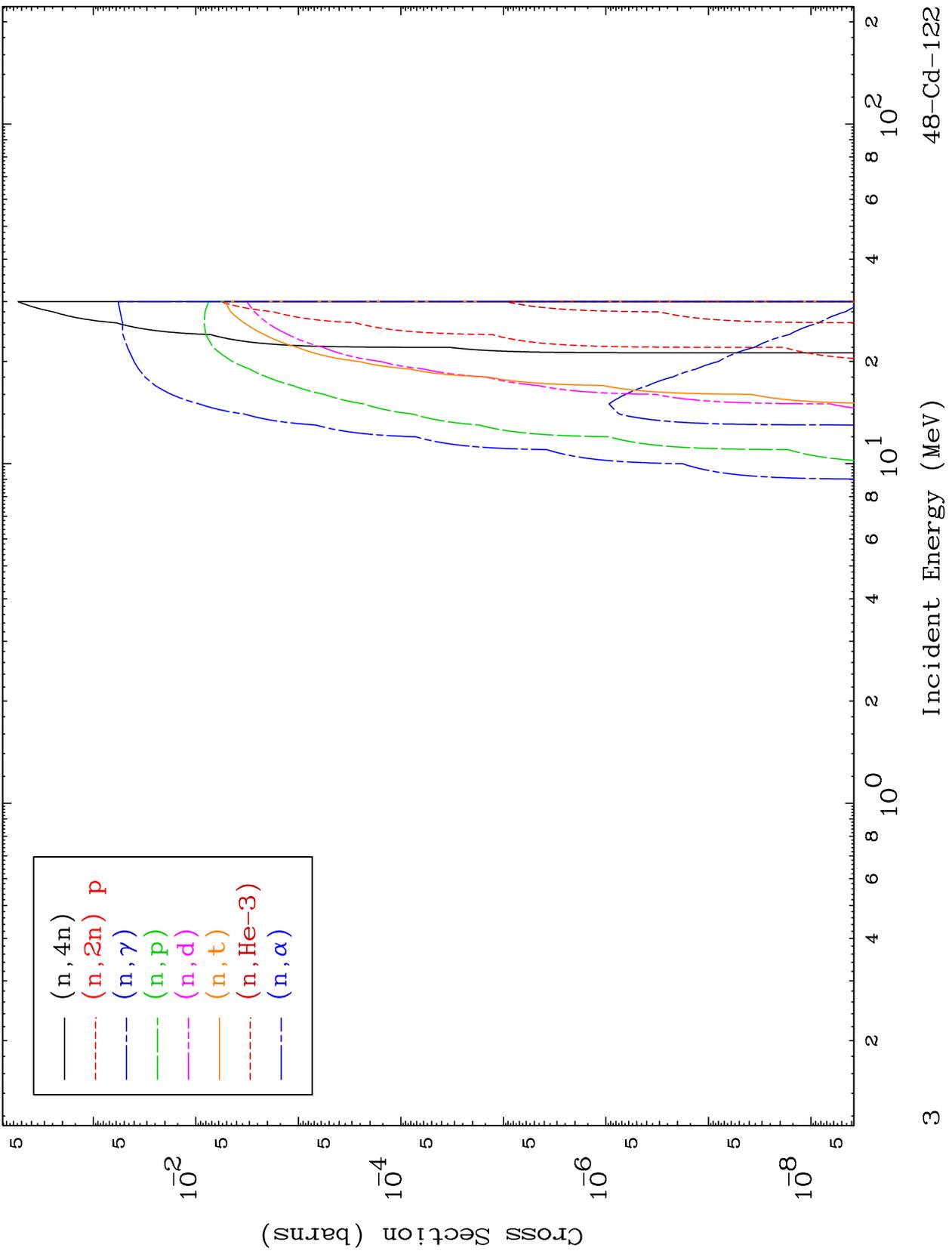




MAT 4873

α Neutron Absorption
0 Kelvin Cross Sections

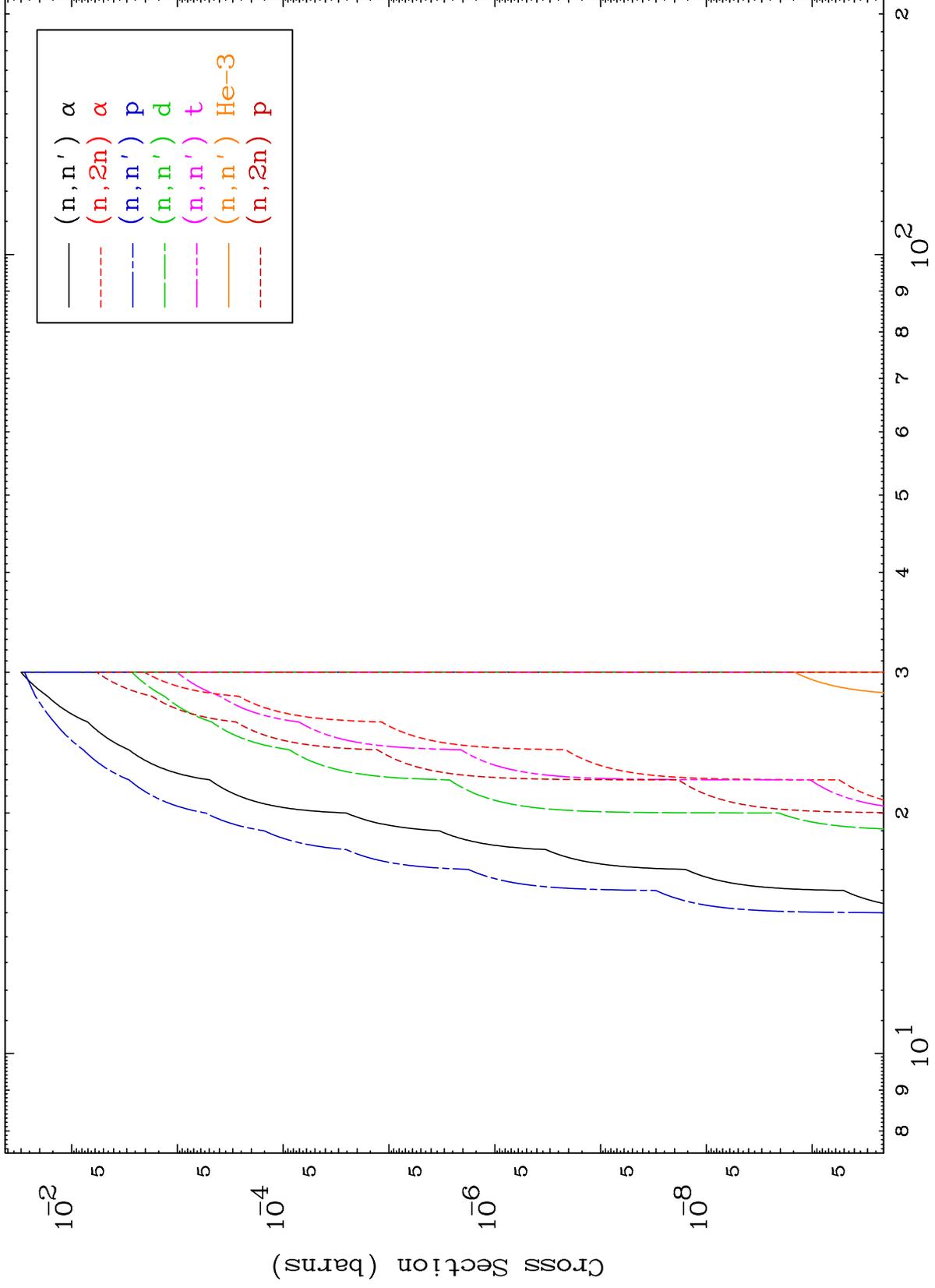
48-Cd-122



MAT 4873

α Charged Particle
0 Kelvin Cross Sections

48-Cd-122



4

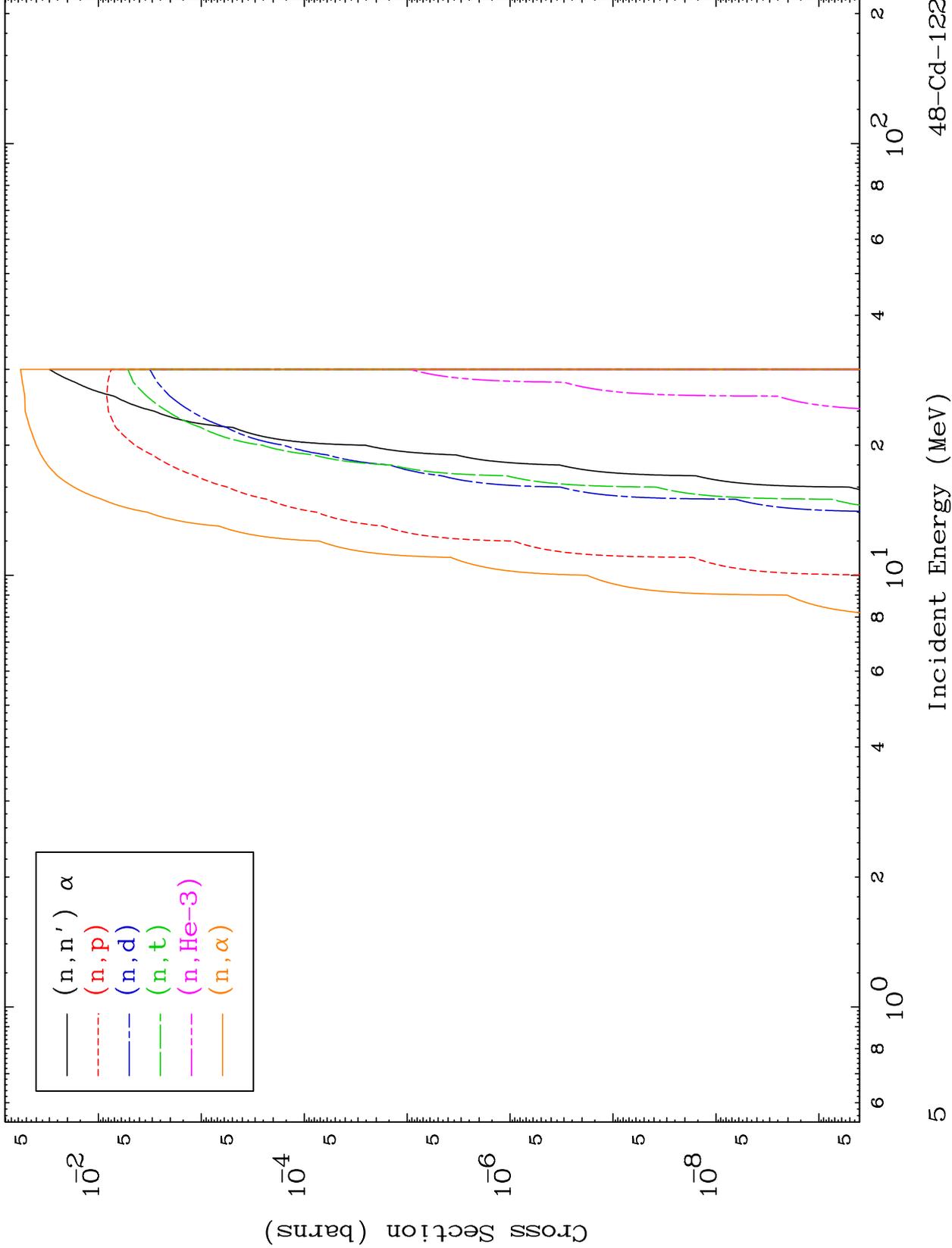
Incident Energy (MeV)

48-Cd-122

MAT 4873

α Charged Particle
0 Kelvin Cross Sections

48-Cd-122



5

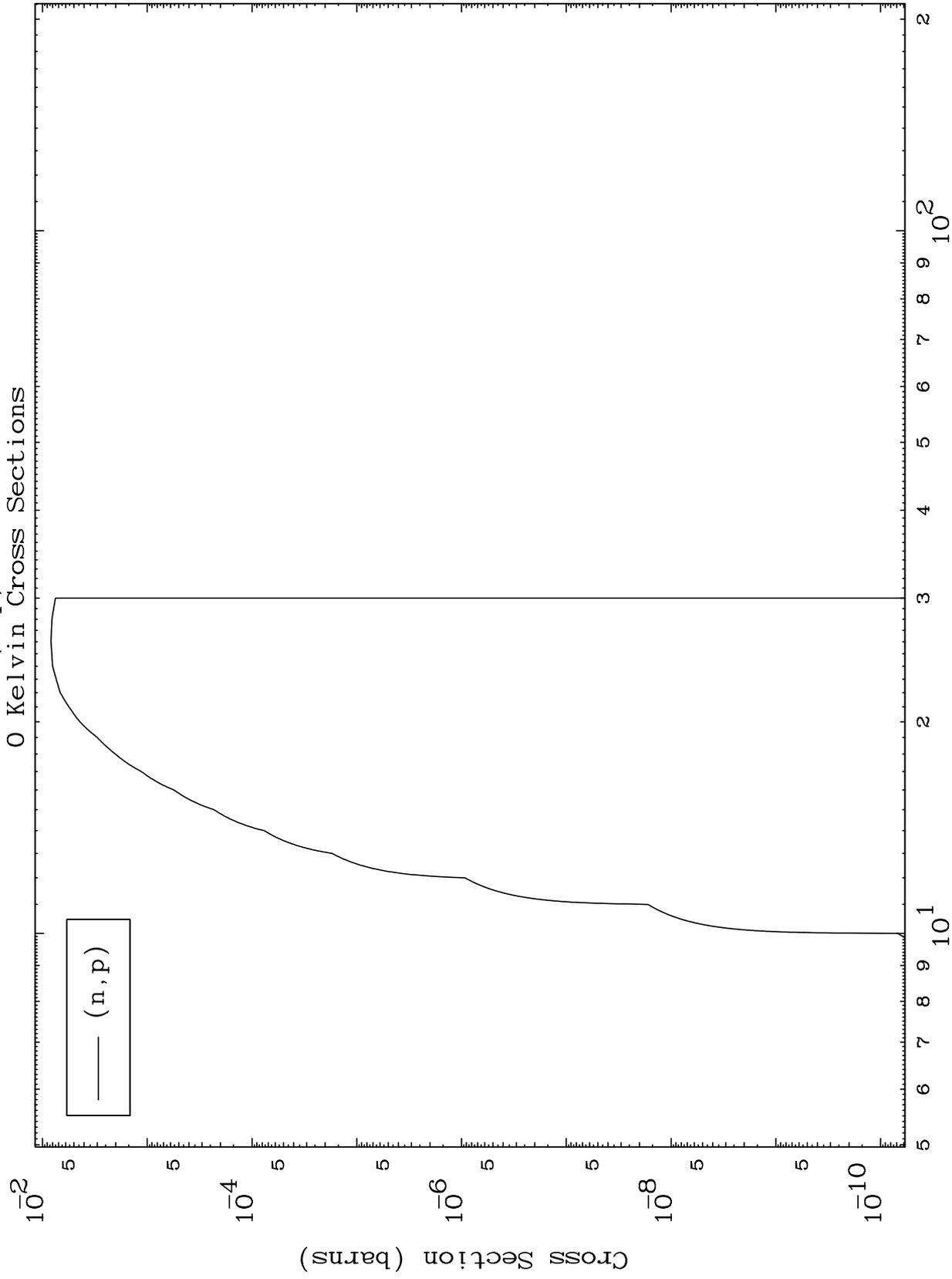
Incident Energy (MeV)

48-Cd-122

MAT 4873

(α, p) Levels

48-Cd-122



6

Incident Energy (MeV)

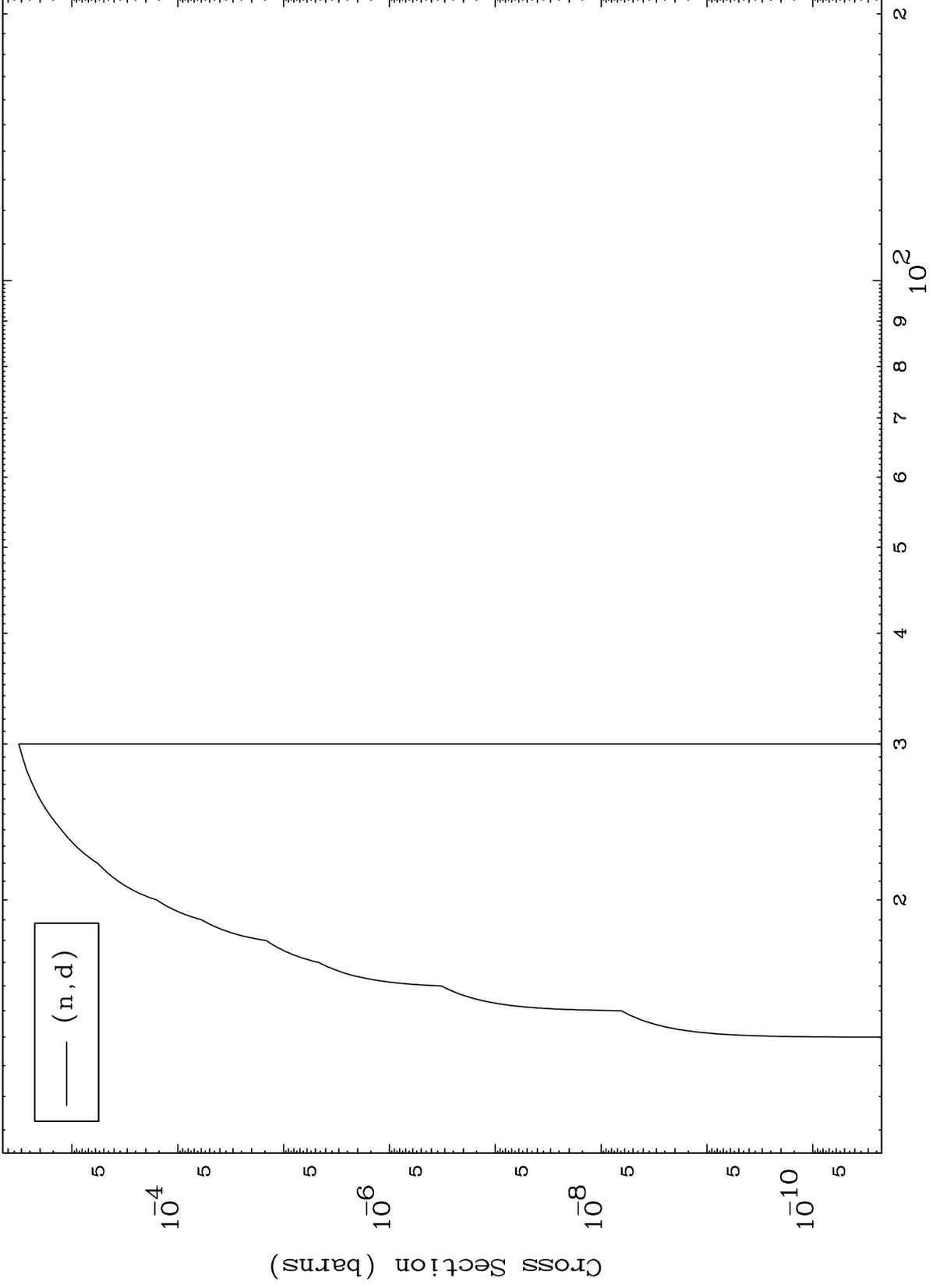
48-Cd-122

MAT 4873

(α, d) Levels

48-Cd-122

0 Kelvin Cross Sections



7

Incident Energy (MeV)

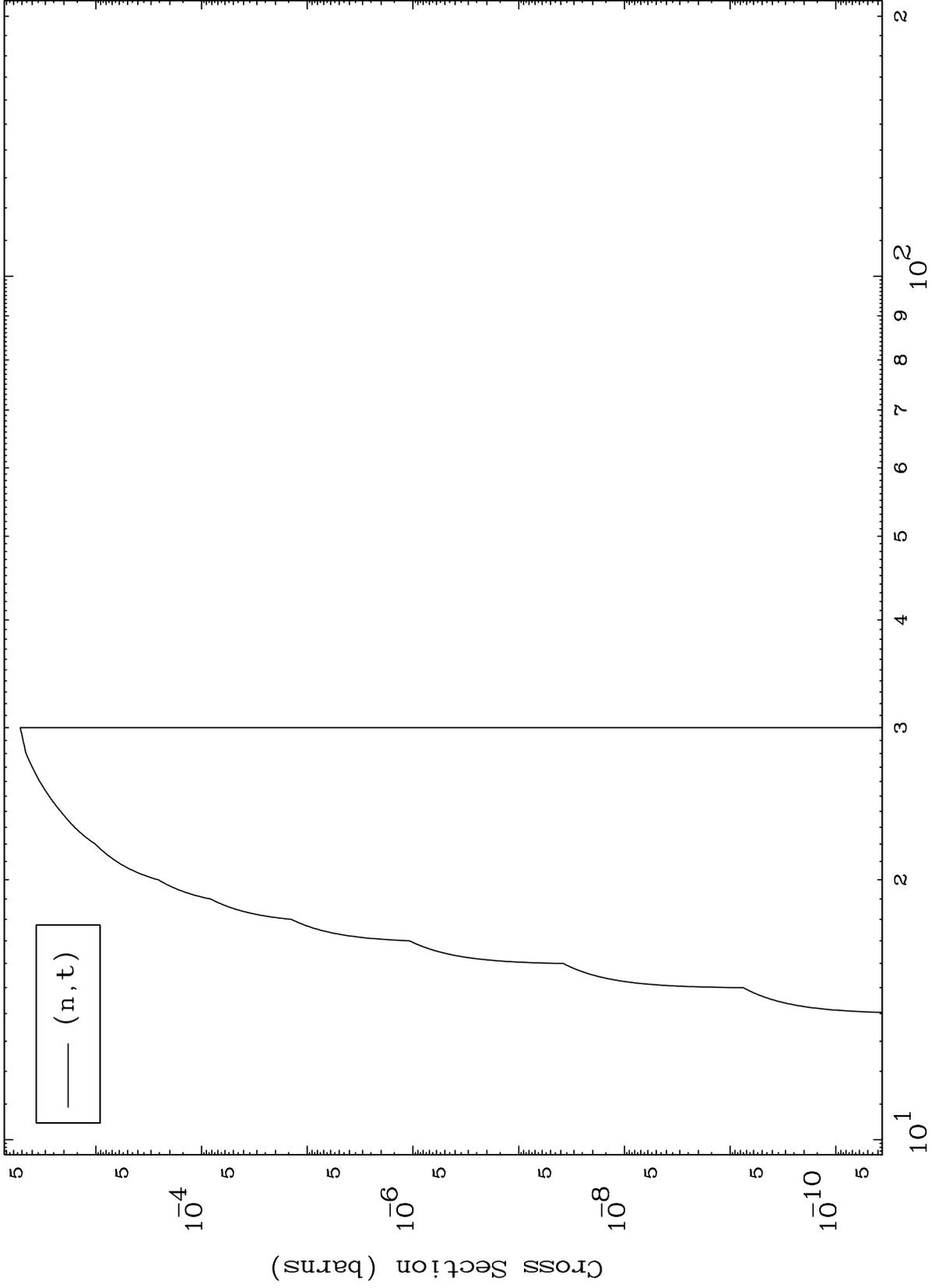
48-Cd-122

MAT 4873

(α, t) Levels

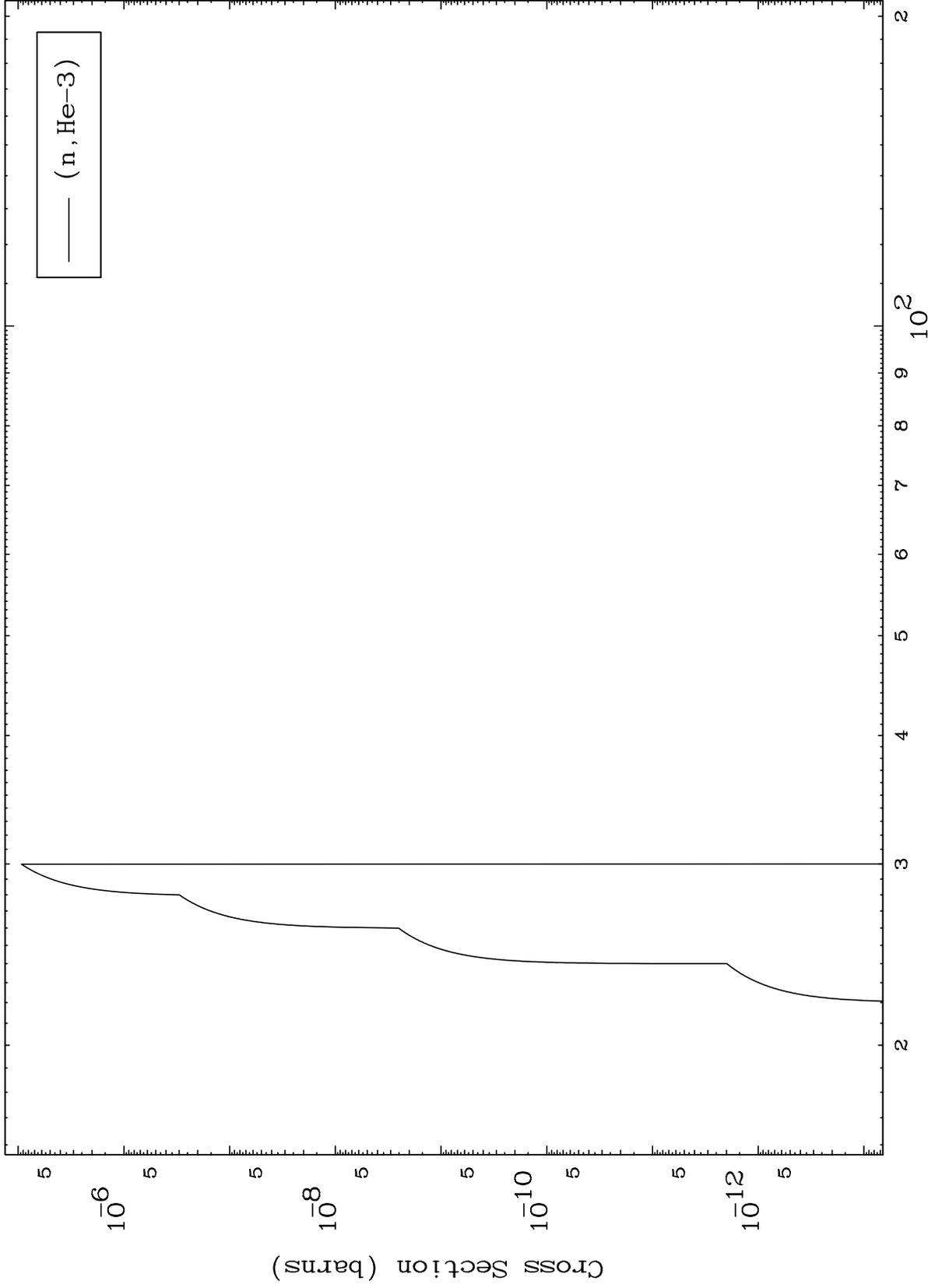
48-Cd-122

0 Kelvin Cross Sections



Incident Energy (MeV)

48-Cd-122

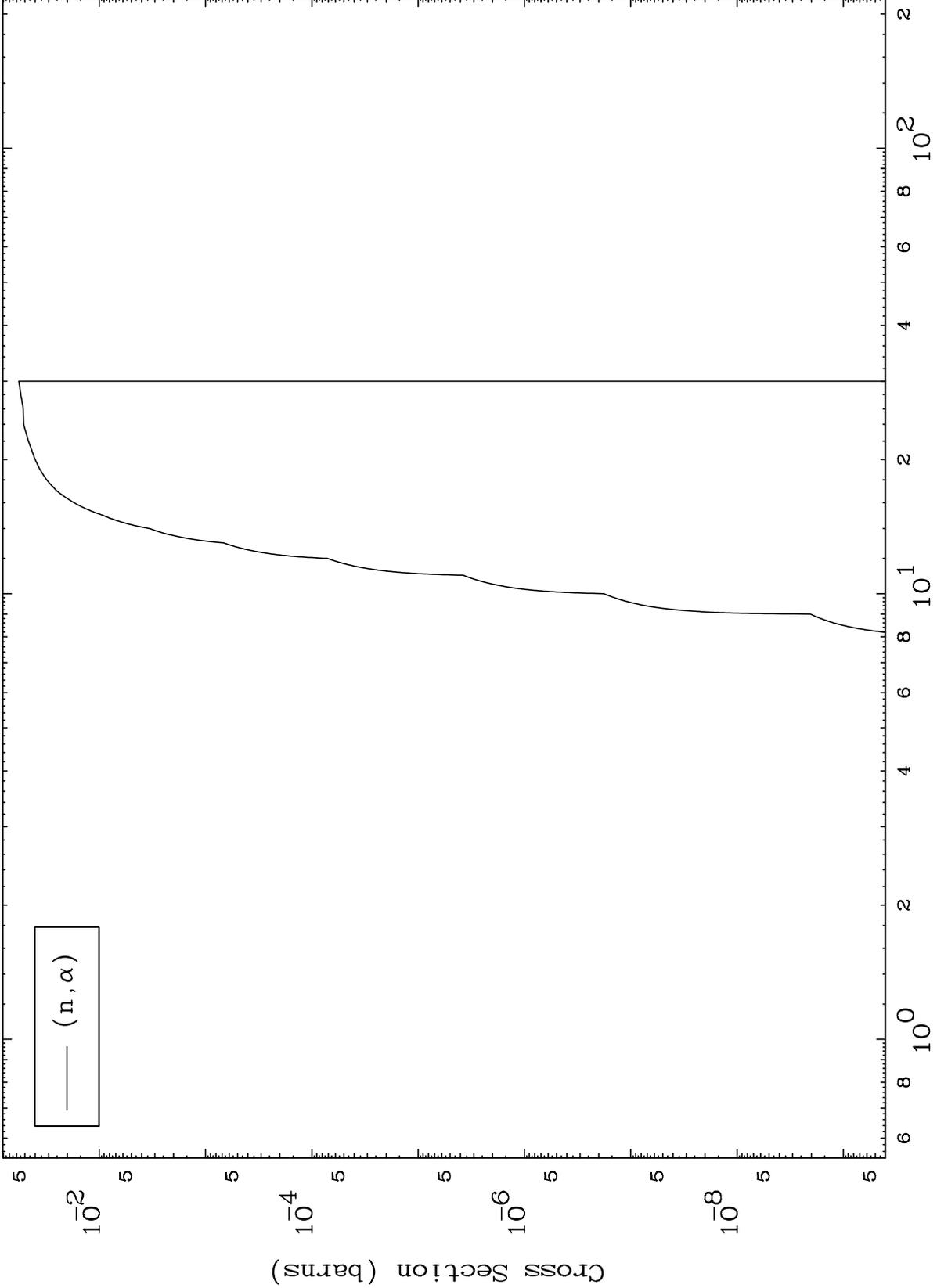


MAT 4873

(α, α) Levels

48-Cd-122

0 Kelvin Cross Sections



10

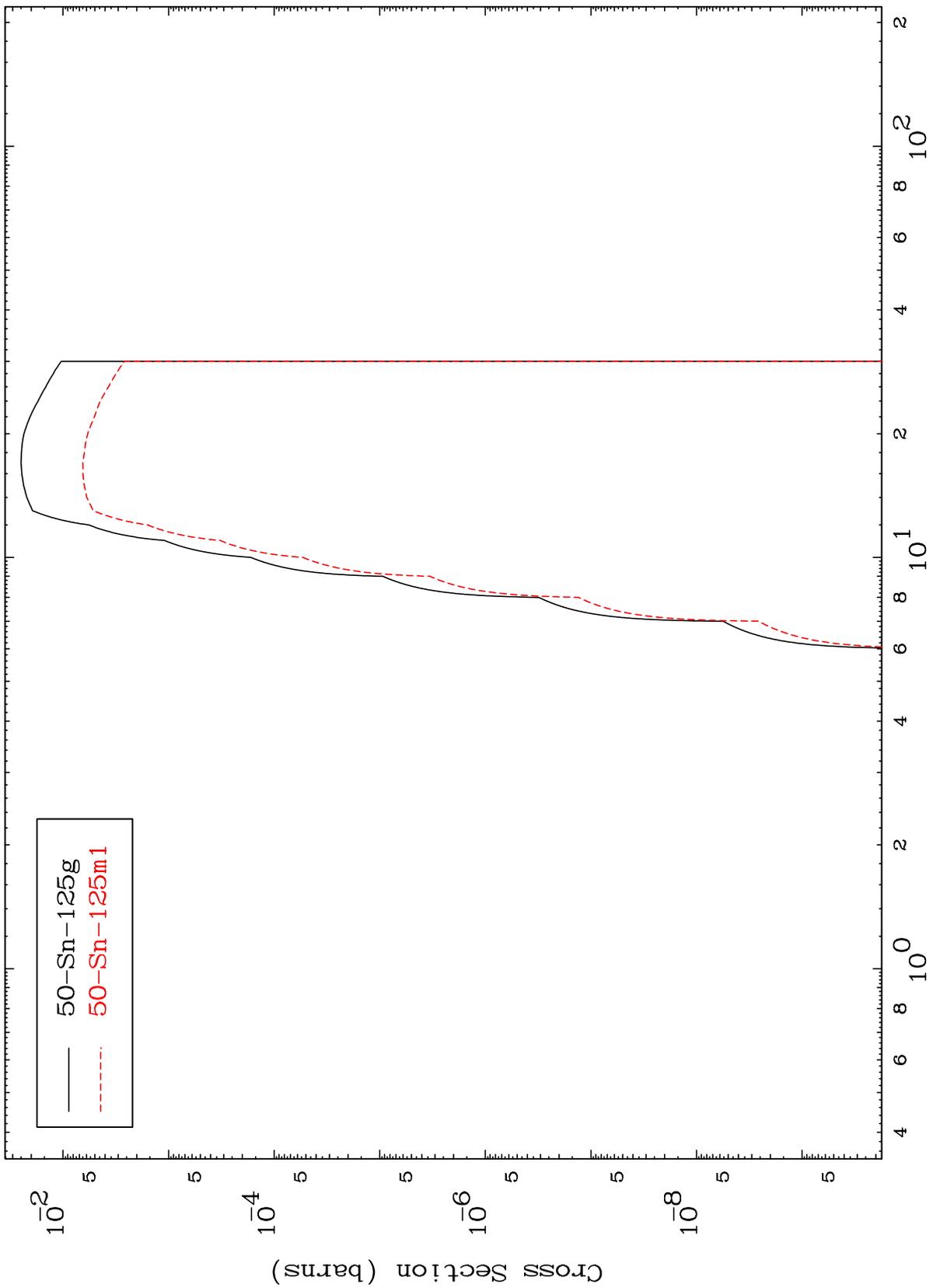
Incident Energy (MeV)

48-Cd-122

MAT 4873

48-Cd-122

Radionuclide Production Cross Section

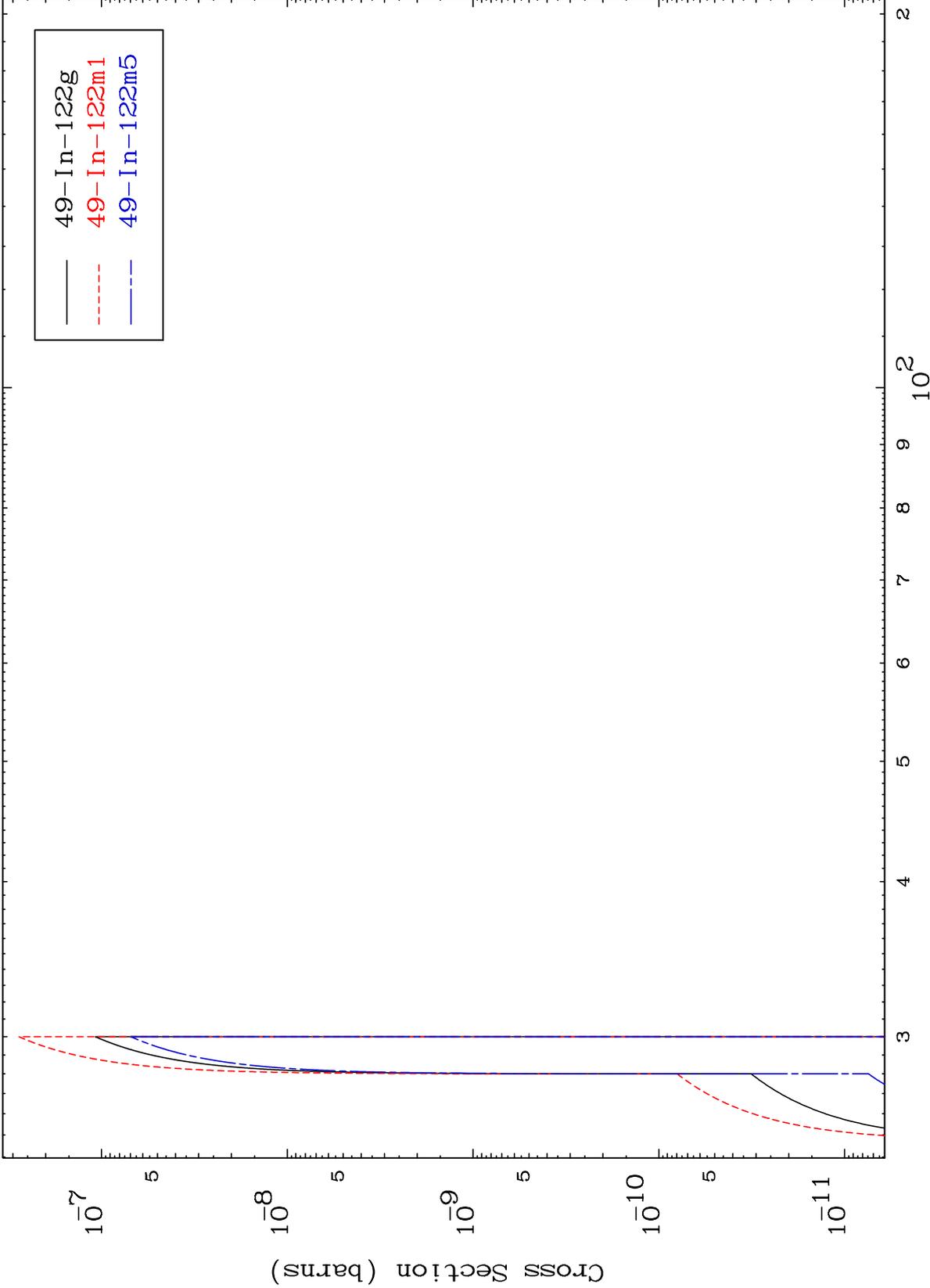


MAT 4873

(n,2n) d

48-Cd-122

Radionuclide Production Cross Section



12

Incident Energy (MeV)

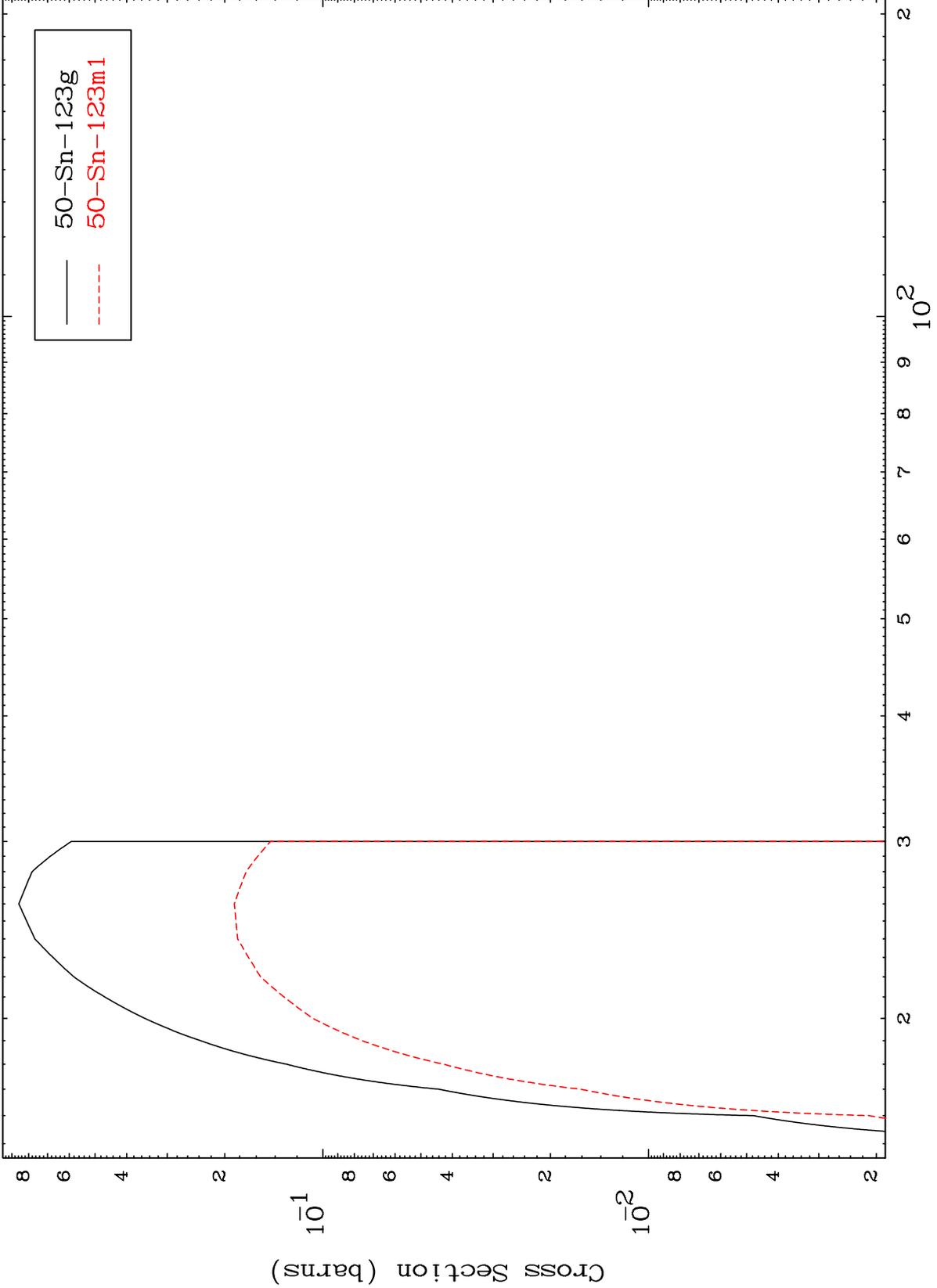
48-Cd-122

MAT 4873

(n,3n)

48-Cd-122

Radionuclide Production Cross Section



13

Incident Energy (MeV)

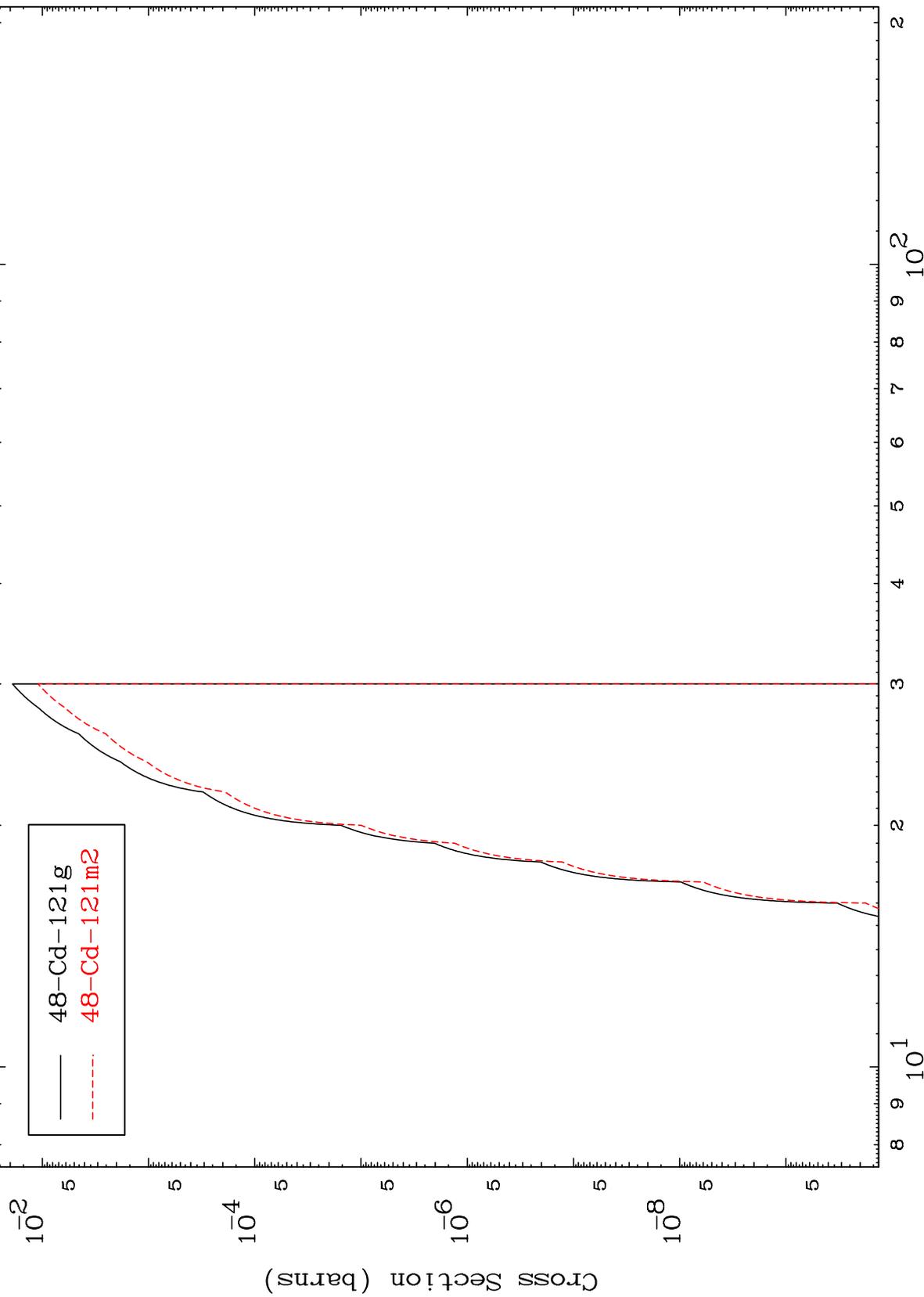
48-Cd-122

MAT 4873

(n,n') α

48-Cd-122

Radionuclide Production Cross Section



14

Incident Energy (MeV)

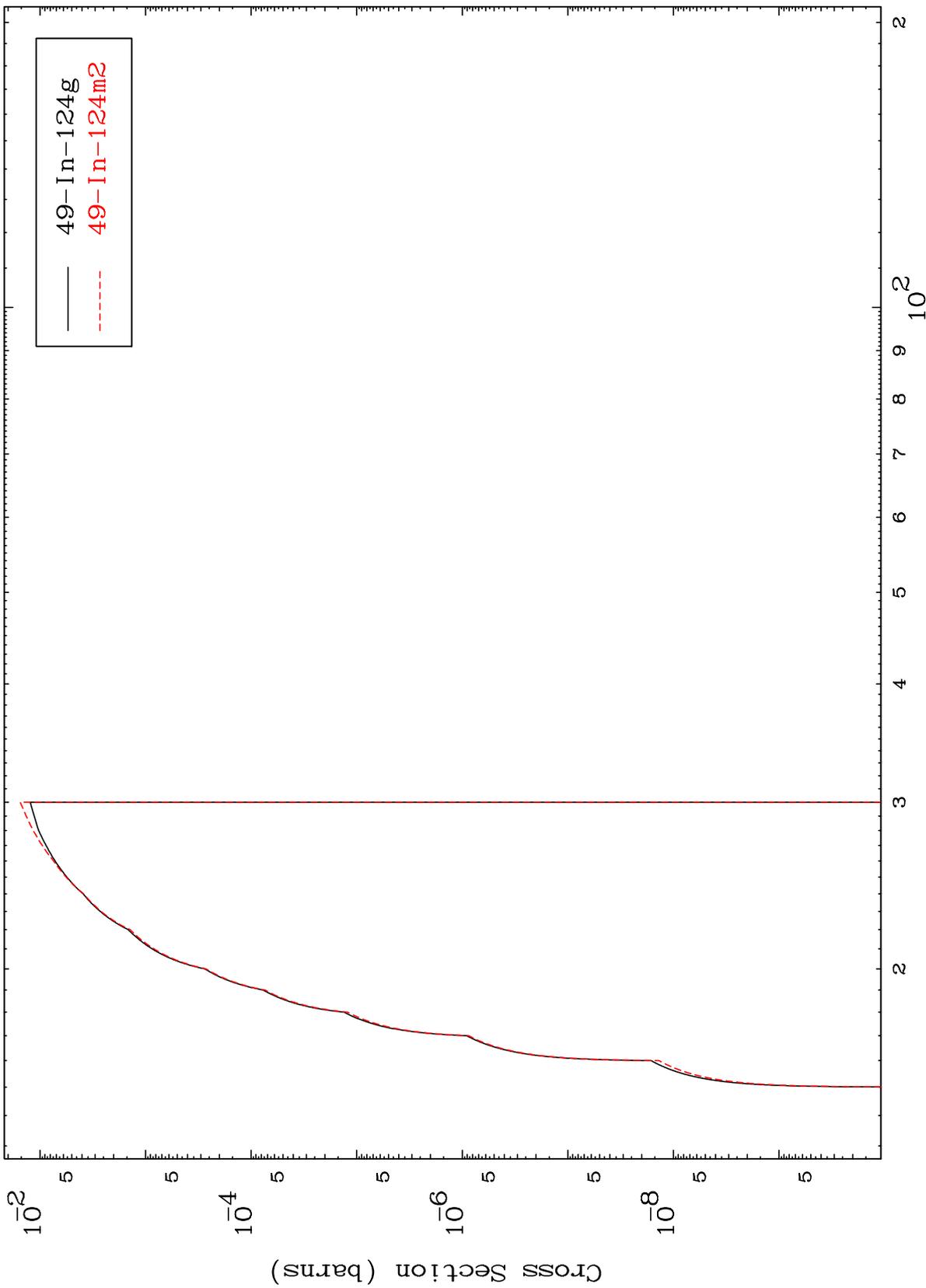
48-Cd-122

MAT 4873

(n,n') p

48-Cd-122

Radionuclide Production Cross Section

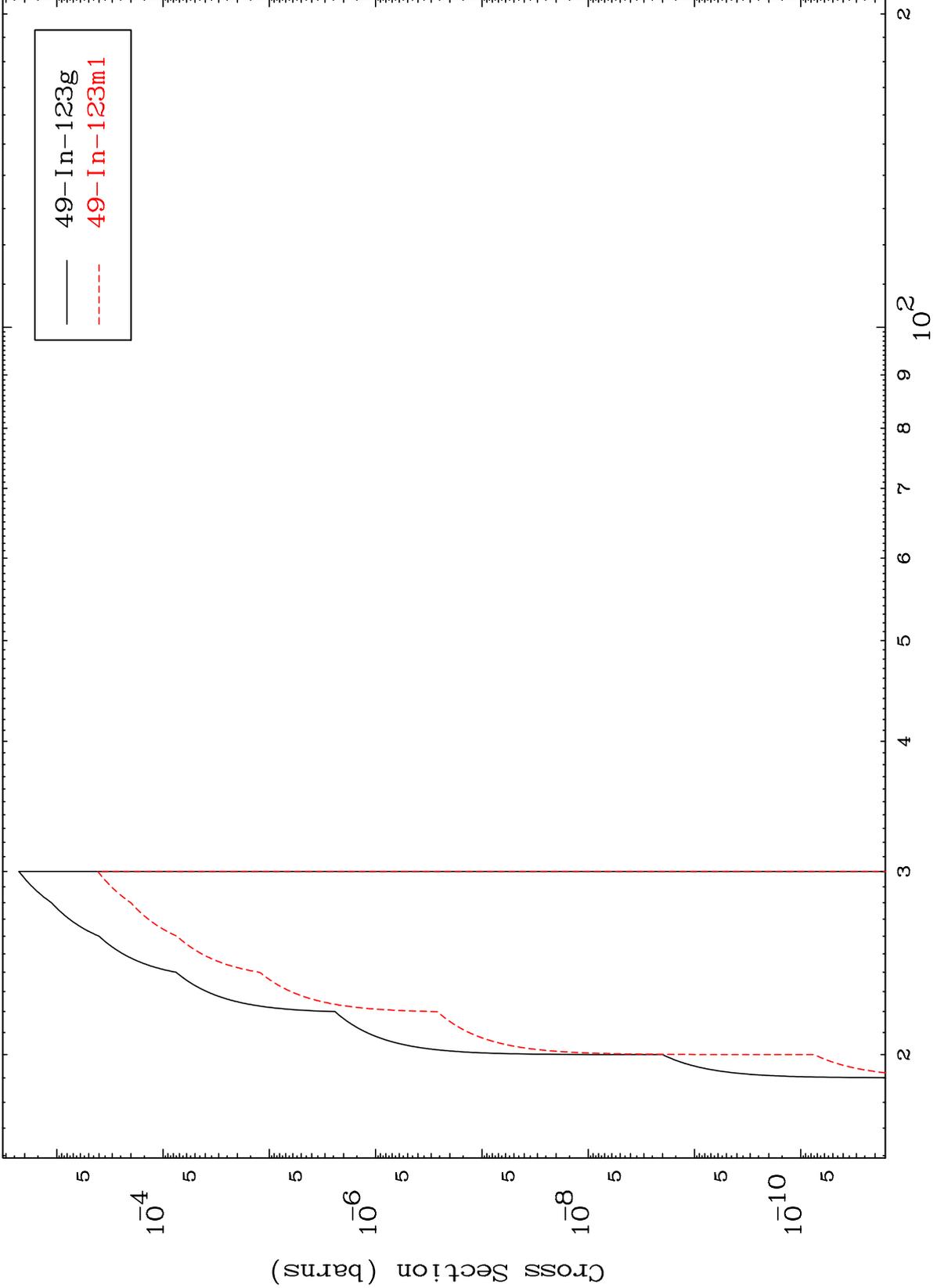


15

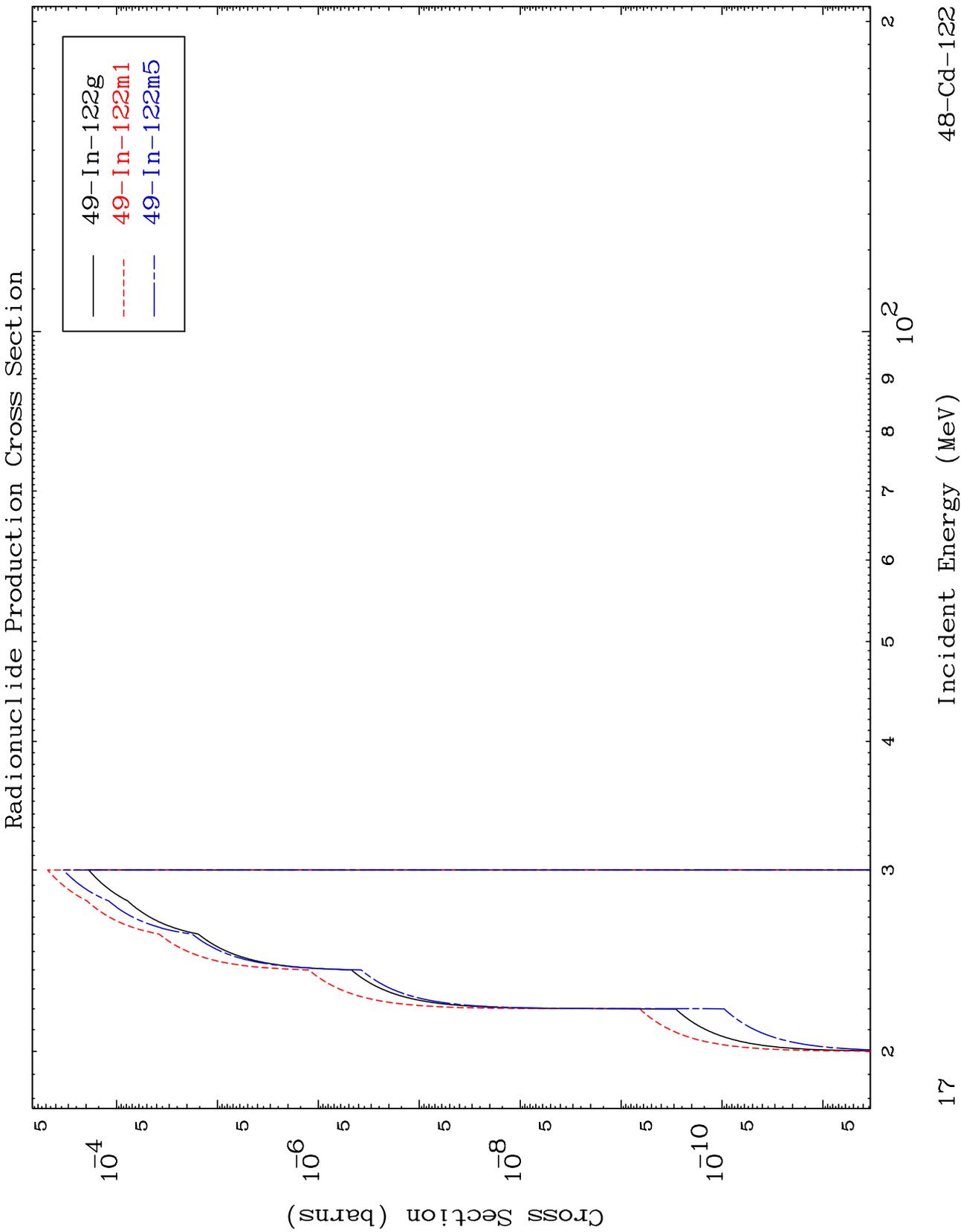
Incident Energy (MeV)

48-Cd-122

Radionuclide Production Cross Section



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

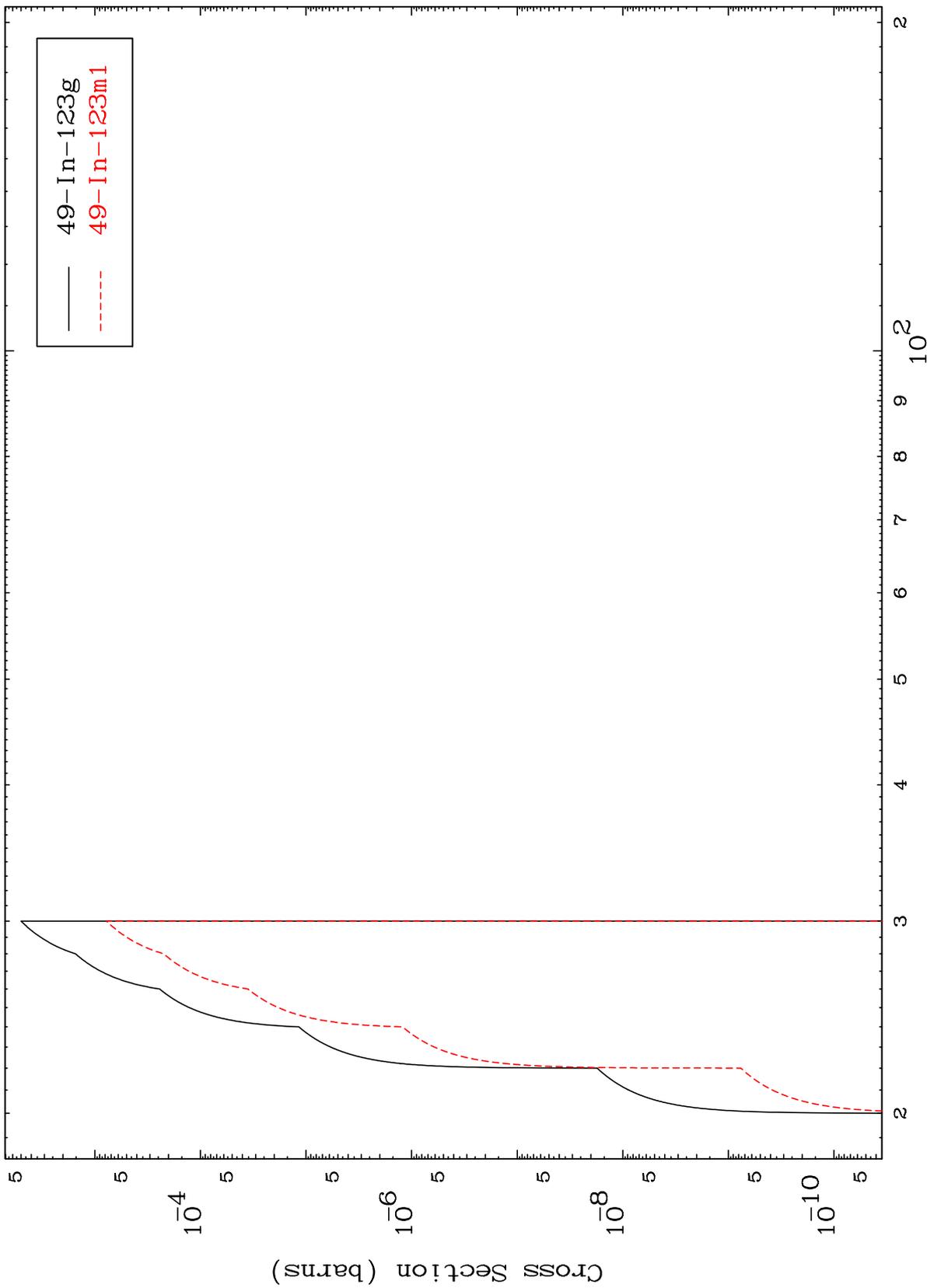


MAT 4873

(n,2n) p

48-Cd-122

Radionuclide Production Cross Section



18

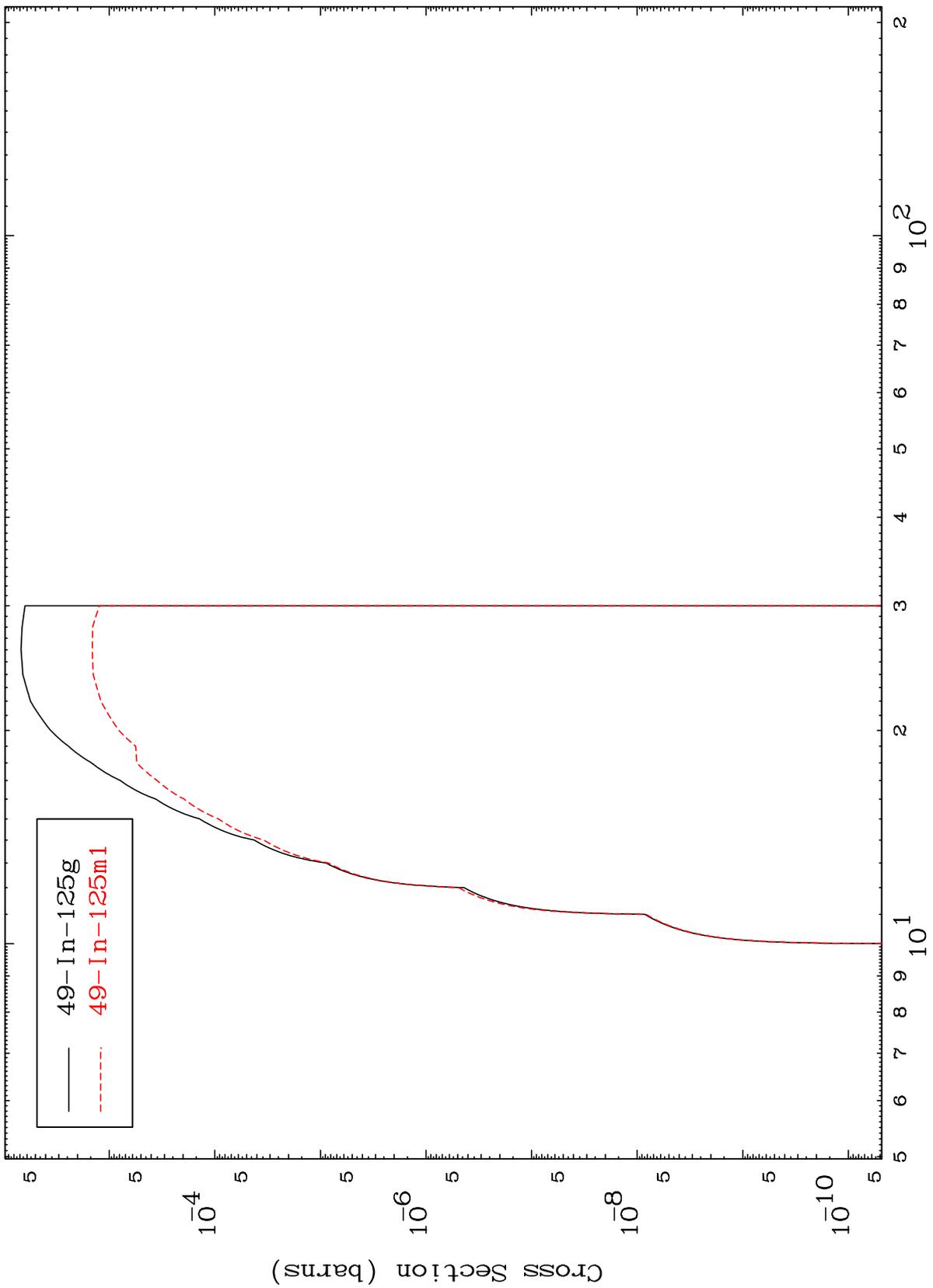
Incident Energy (MeV)

48-Cd-122

MAT 4873

48-Cd-122

(n,p)
Radionuclide Production Cross Section



19

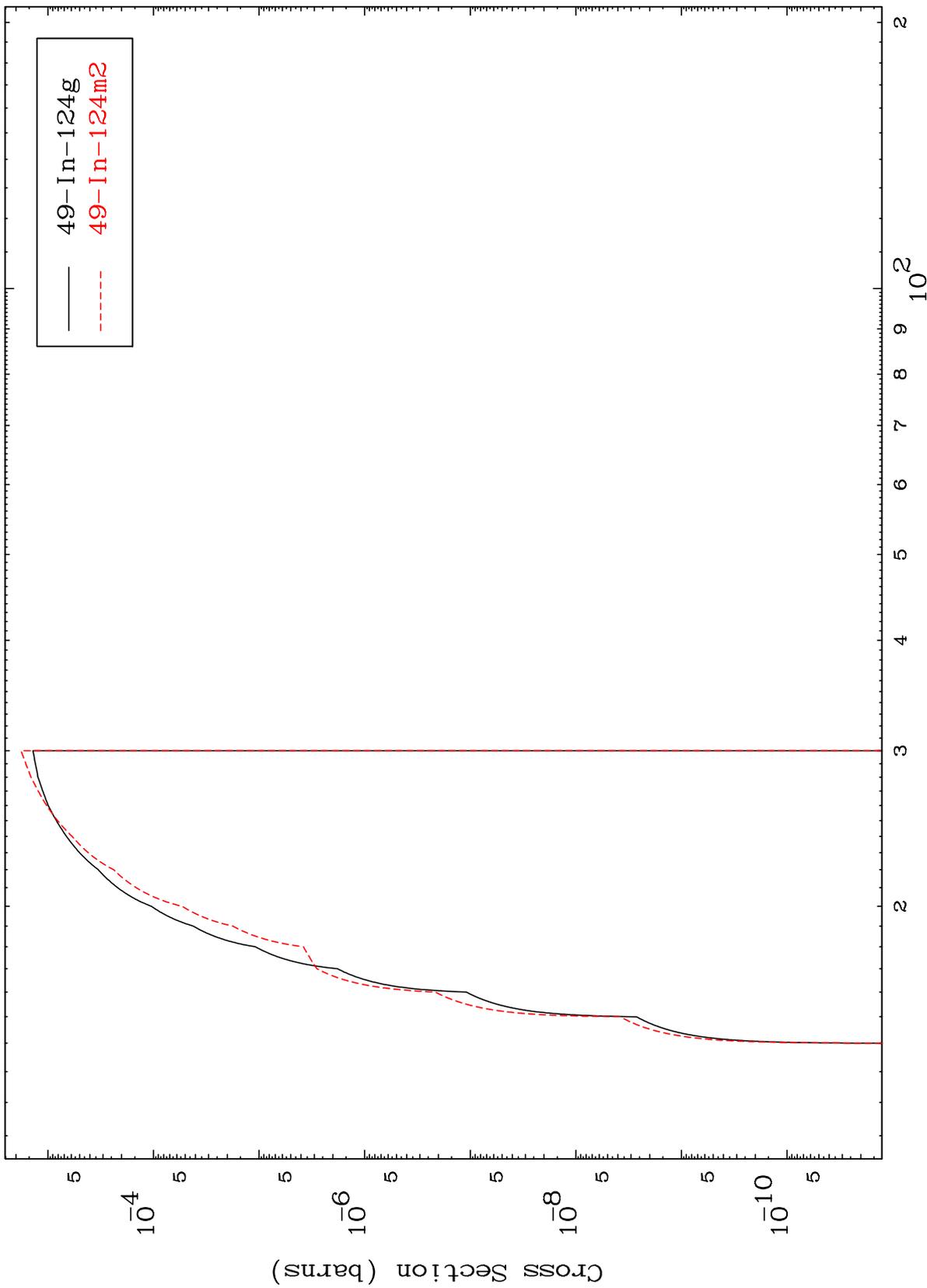
Incident Energy (MeV)

48-Cd-122

MAT 4873

48-Cd-122

(n,d)
Radionuclide Production Cross Section



20

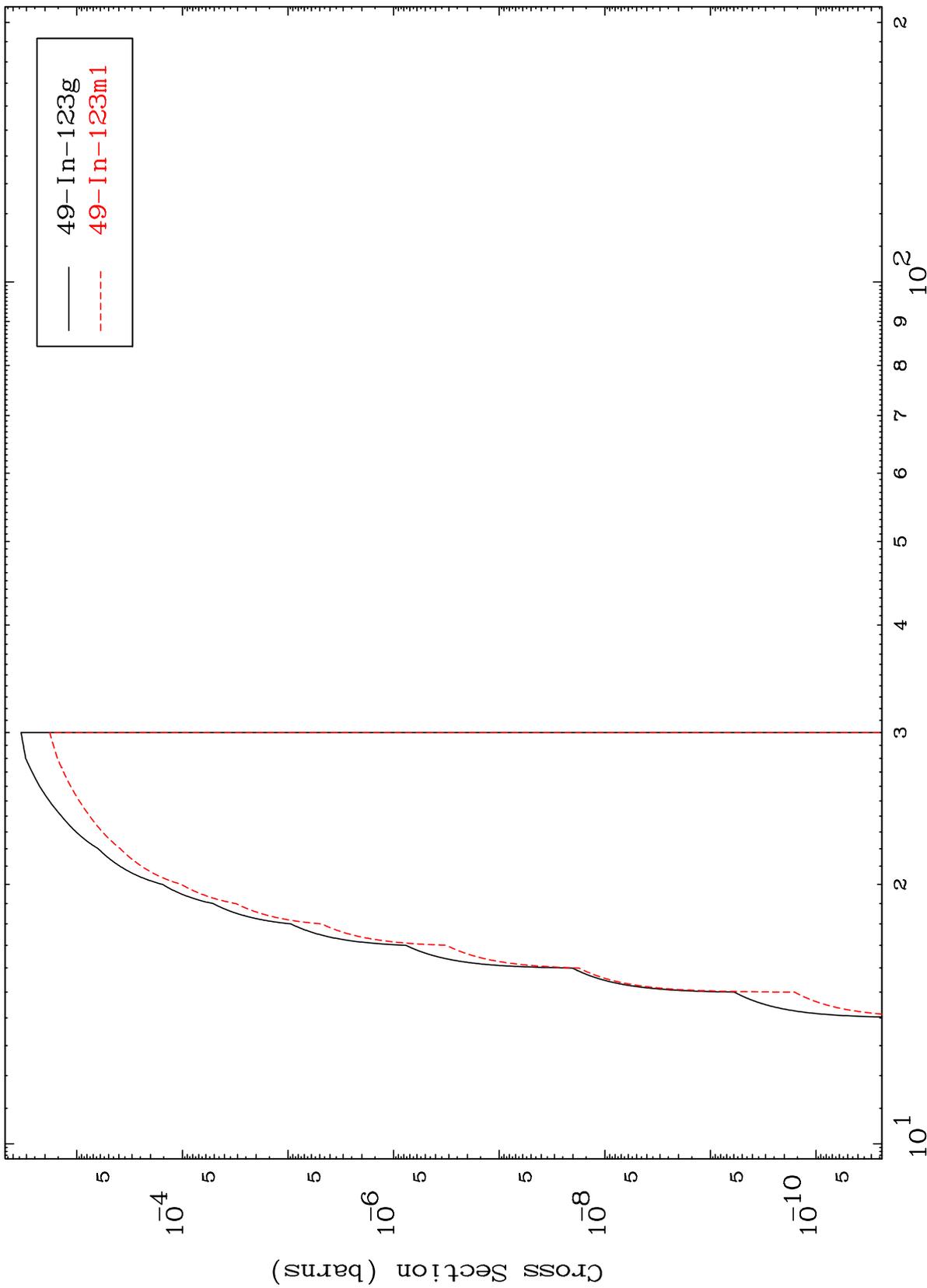
Incident Energy (MeV)

48-Cd-122

MAT 4873

48-Cd-122

(n,t)
Radionuclide Production Cross Section



48-Cd-122

Incident Energy (MeV)

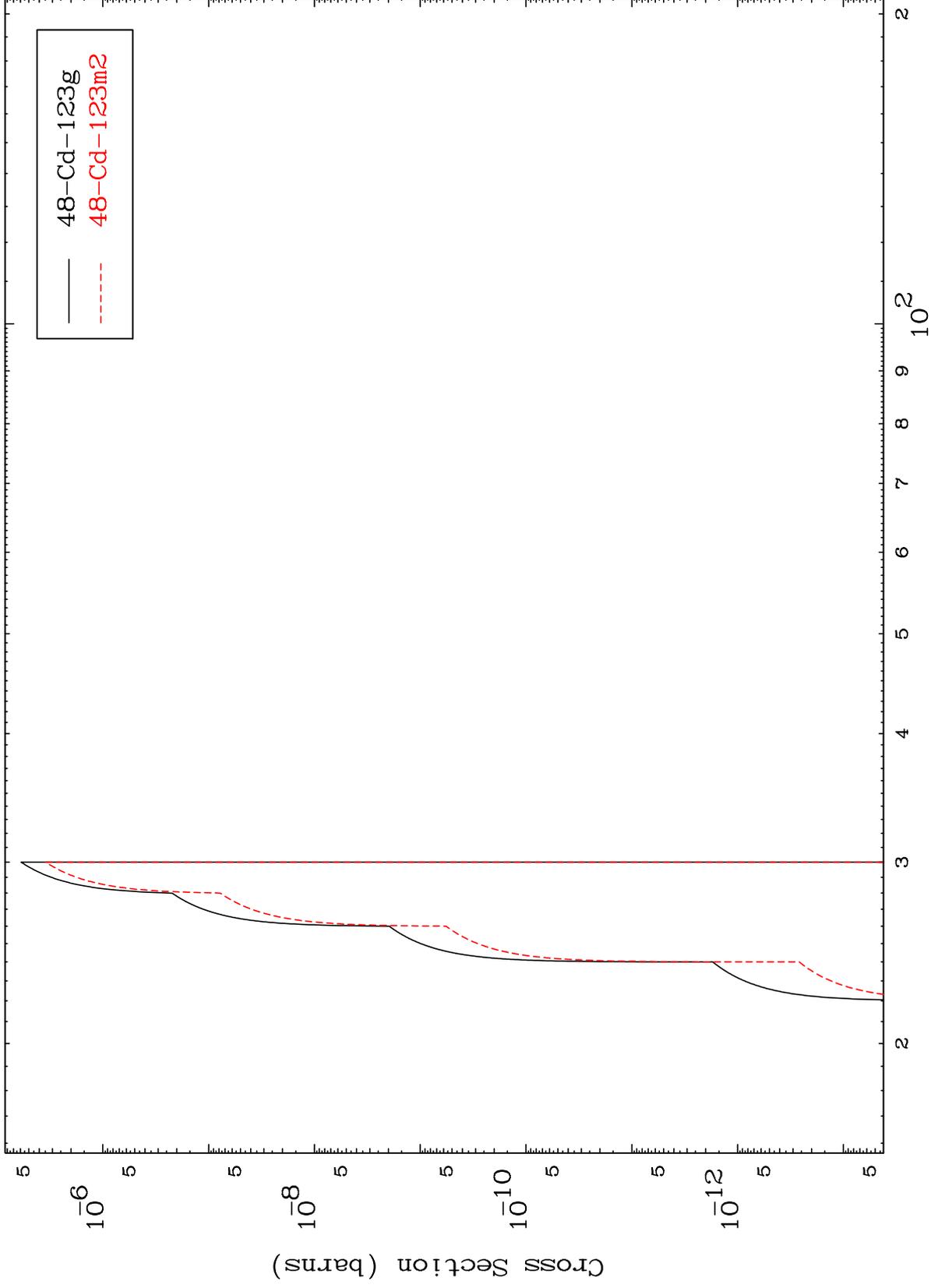
21

MAT 4873

(n,He-3)

48-Cd-122

Radionuclide Production Cross Section



22

Incident Energy (MeV)

48-Cd-122