

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

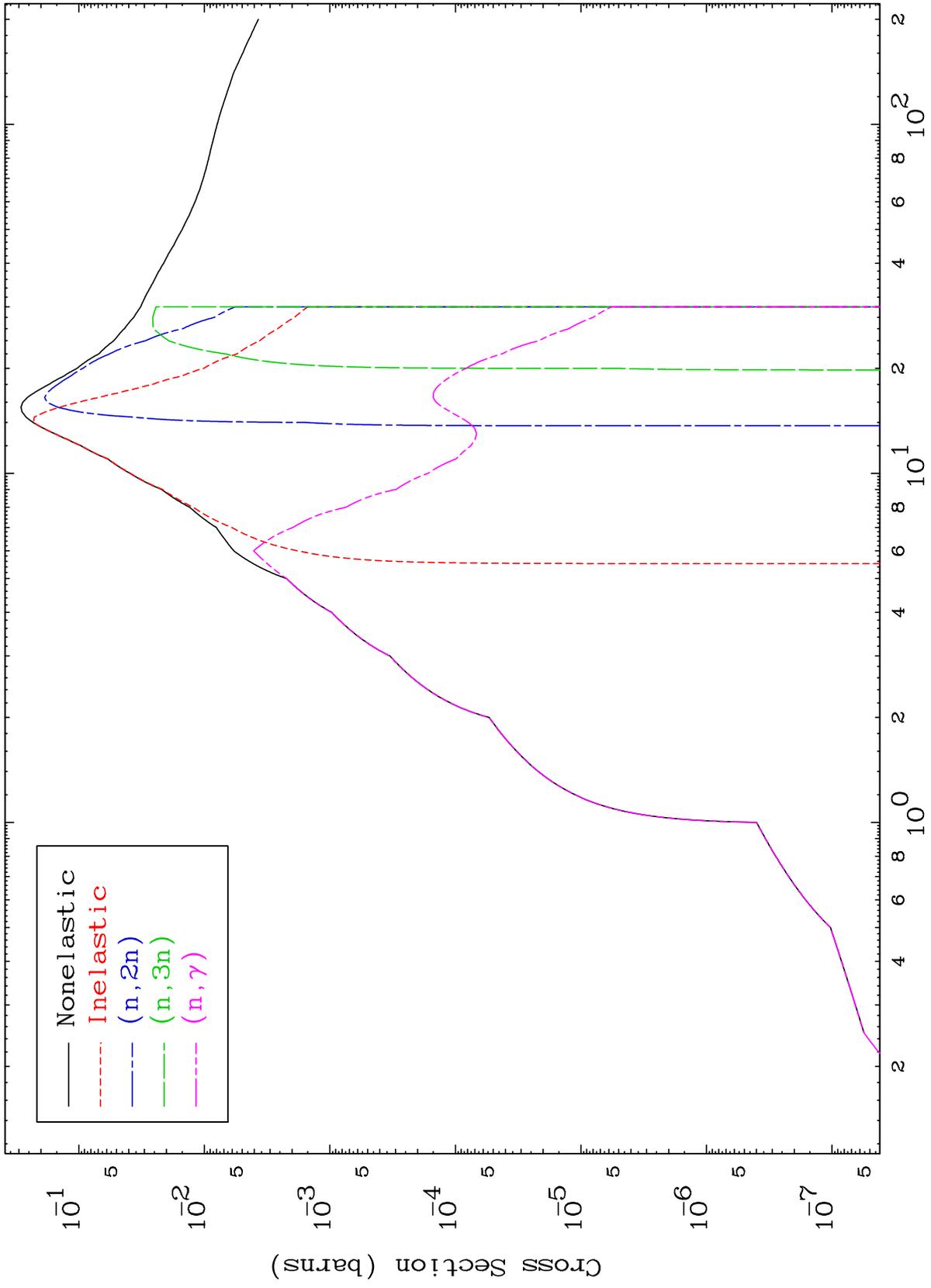
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4954

Photon Major
0 Kelvin Cross Sections

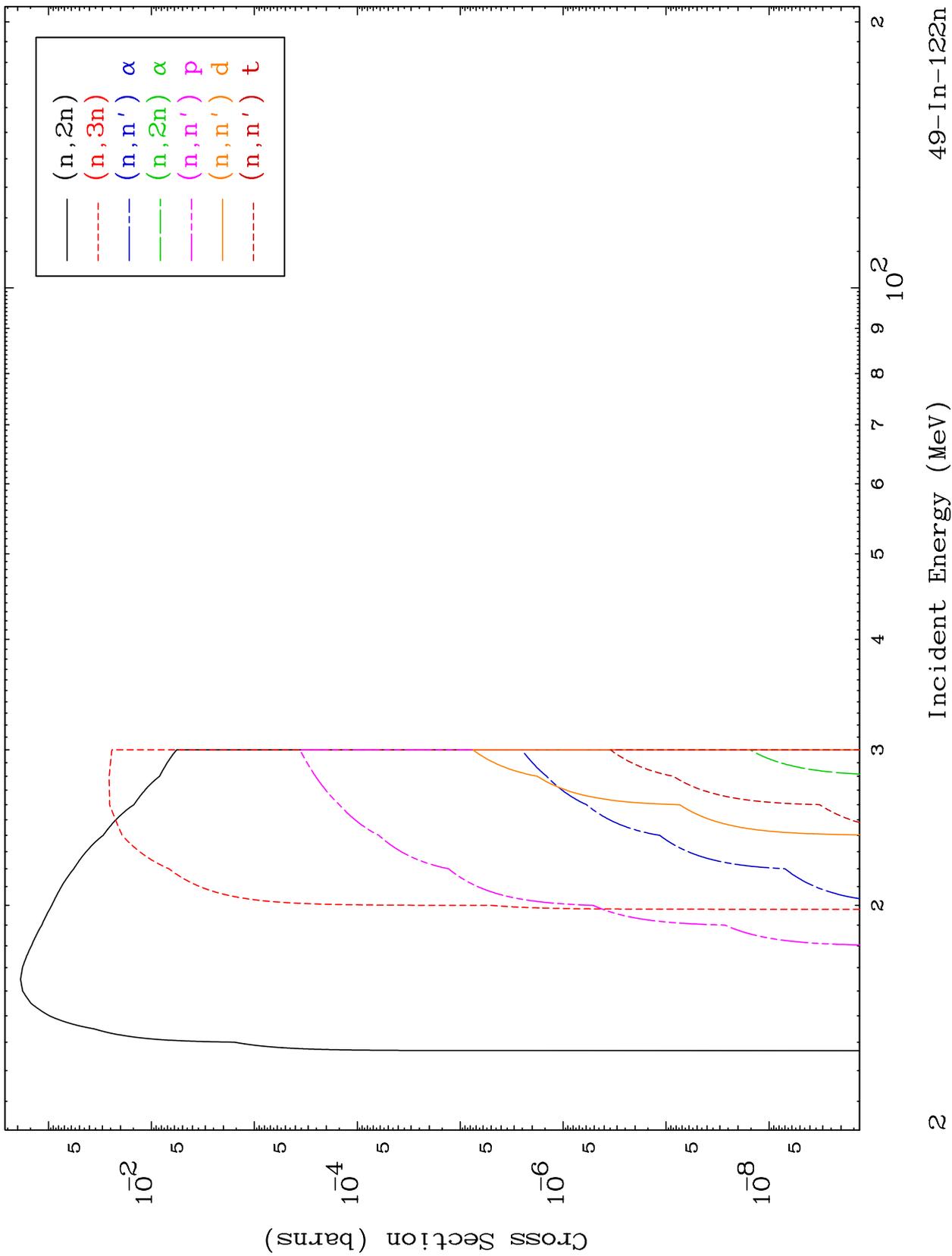
49-In-122n

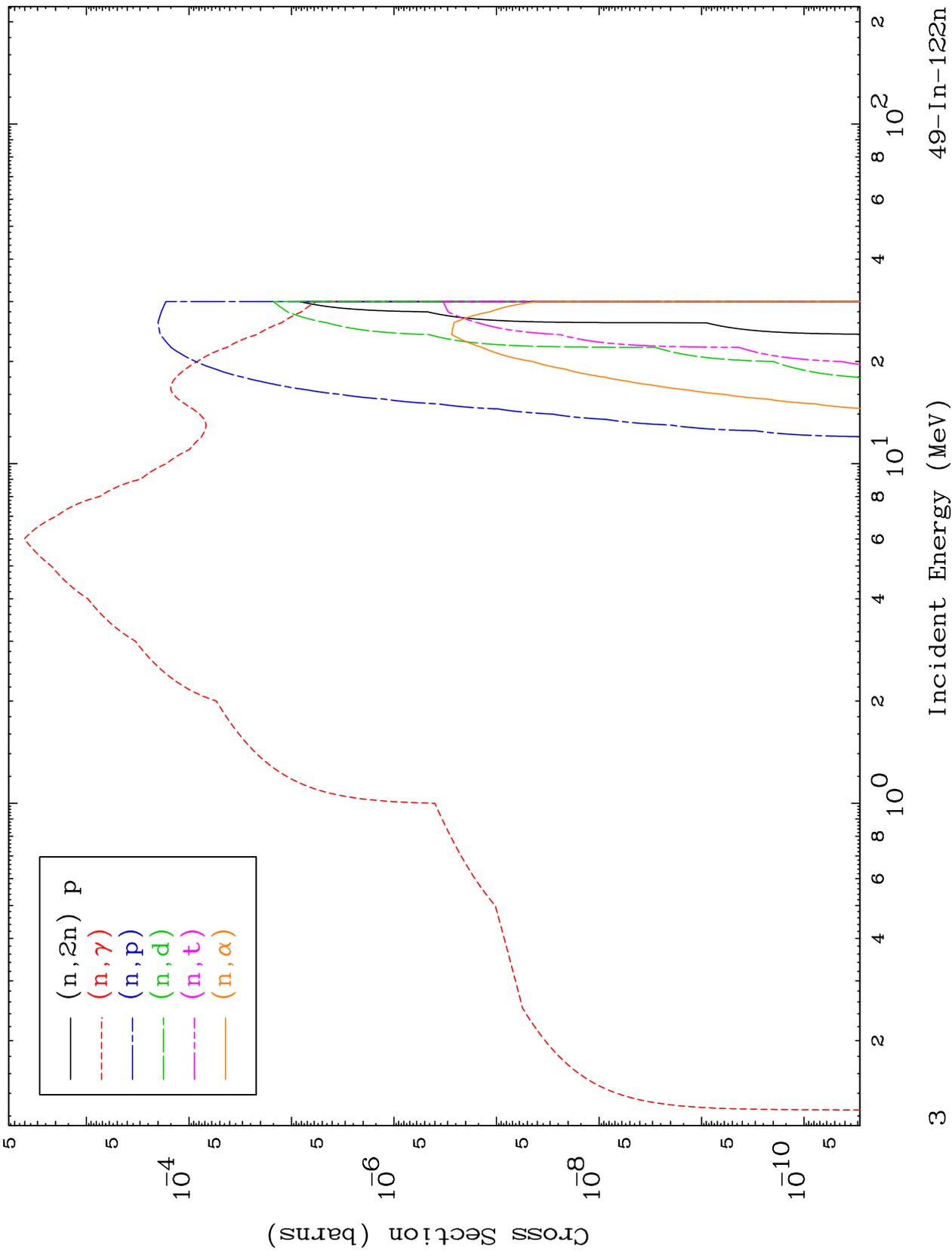


MAT 4954

Photon Neutron Absorption
0 Kelvin Cross Sections

49-In-122n

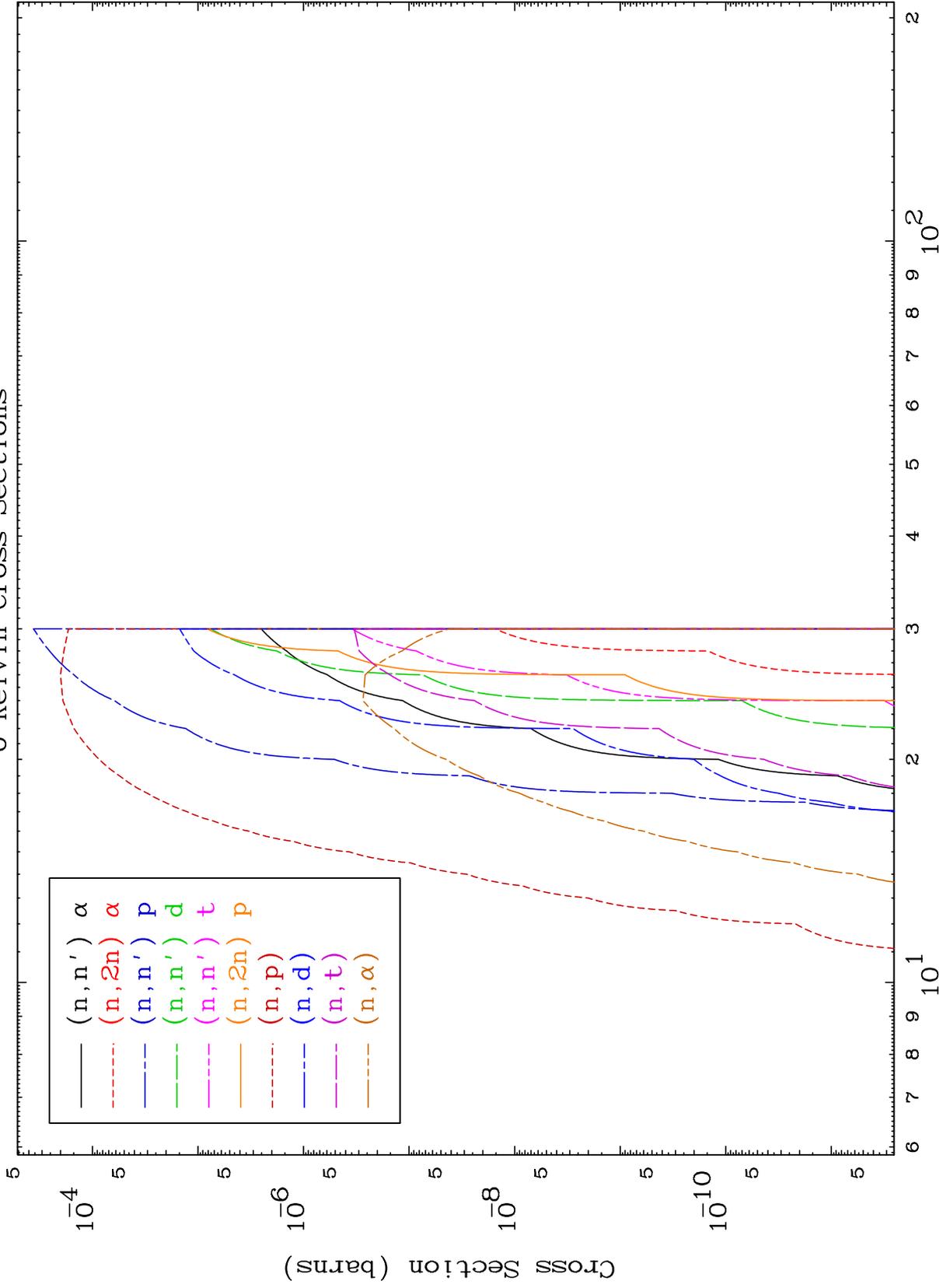




MAT 4954

Photon Charged Particle
0 Kelvin Cross Sections

49-In-122n



4

Incident Energy (MeV)

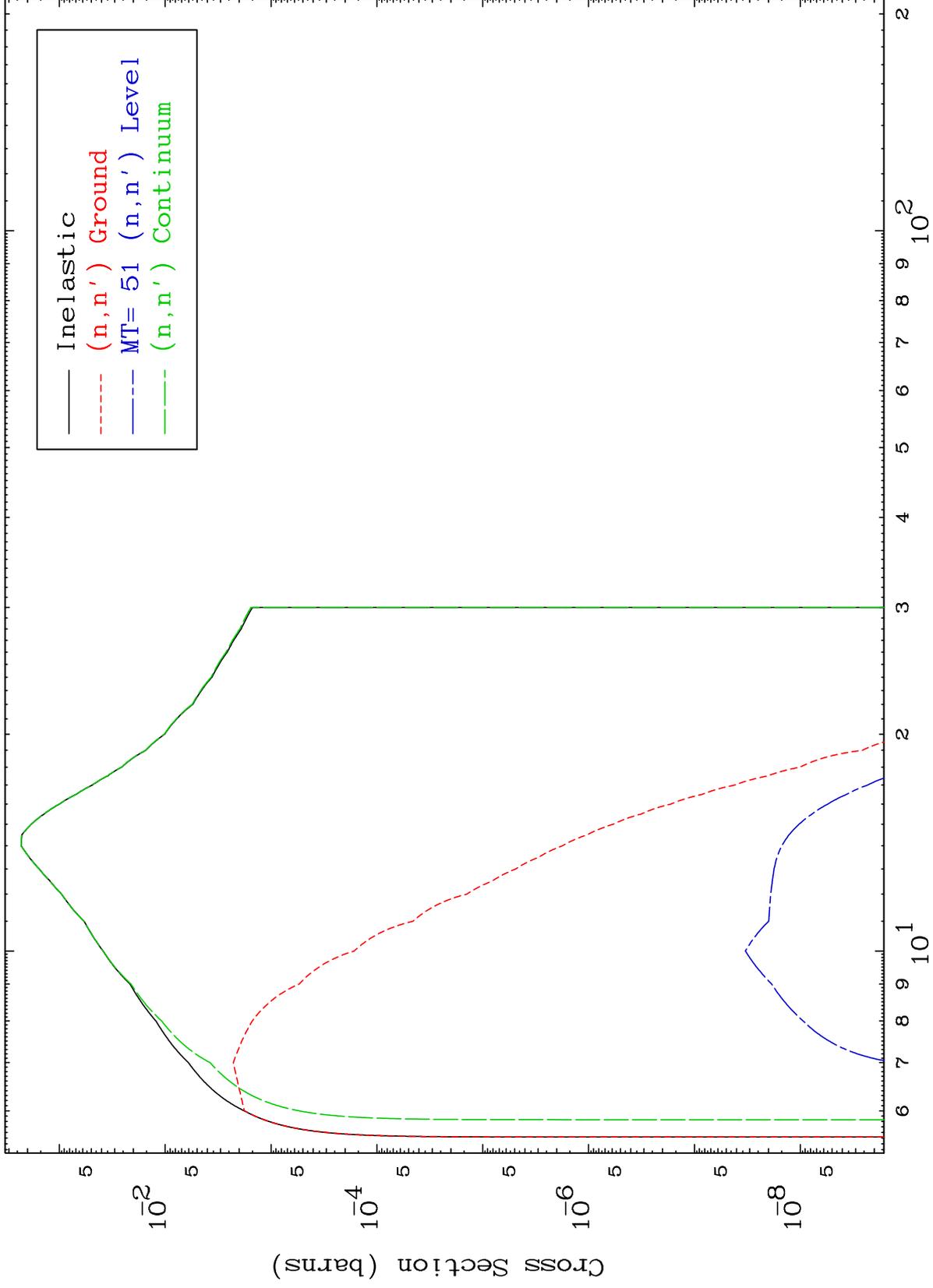
49-In-122n

MAT 4954

(γ, n') Levels

49-In-122n

0 Kelvin Cross Sections



5

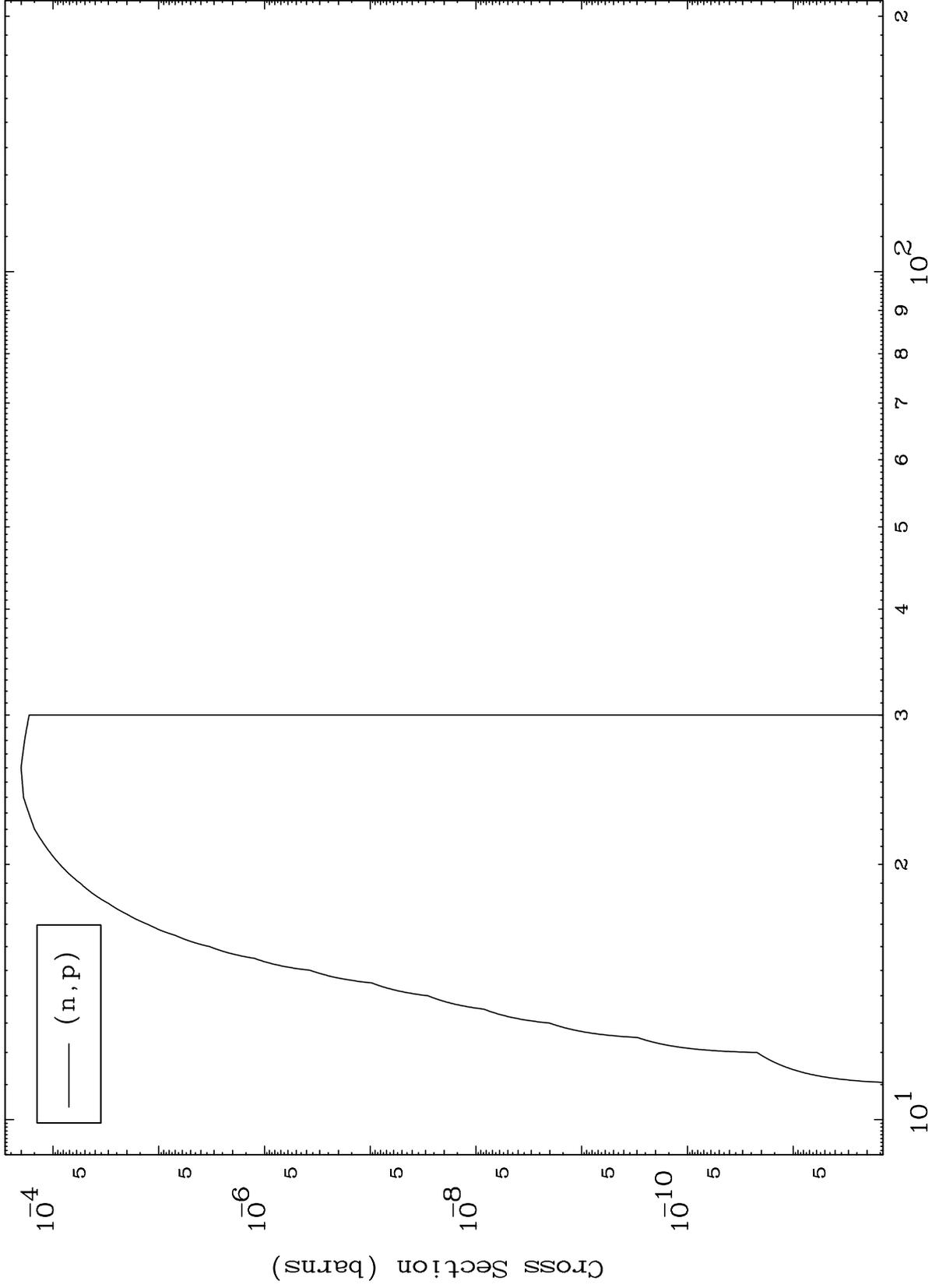
Incident Energy (MeV)

49-In-122n

MAT 4954

(γ, p) Levels
0 Kelvin Cross Sections

49-In-122n



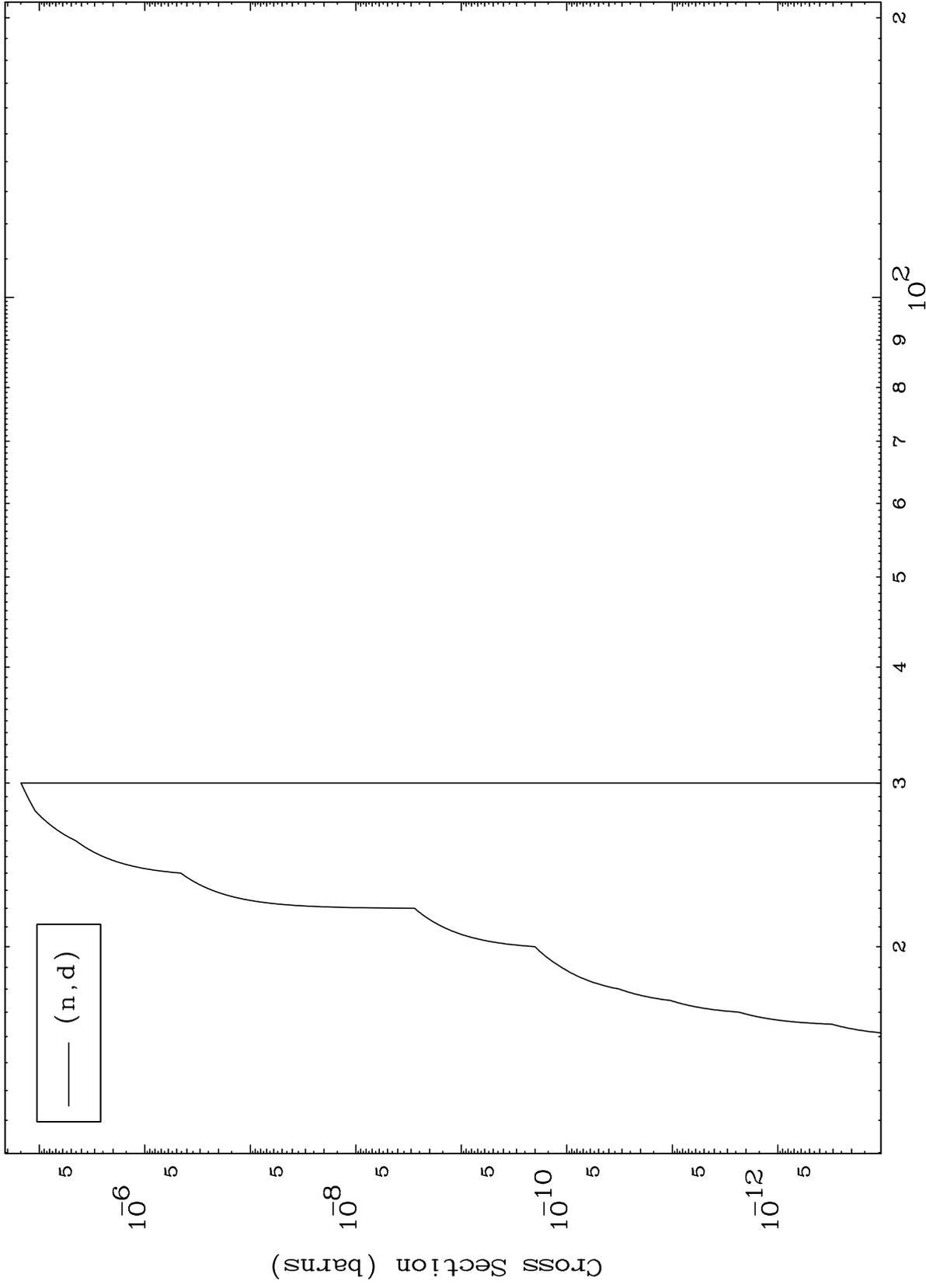
Incident Energy (MeV)

49-In-122n

MAT 4954

(γ, d) Levels
0 Kelvin Cross Sections

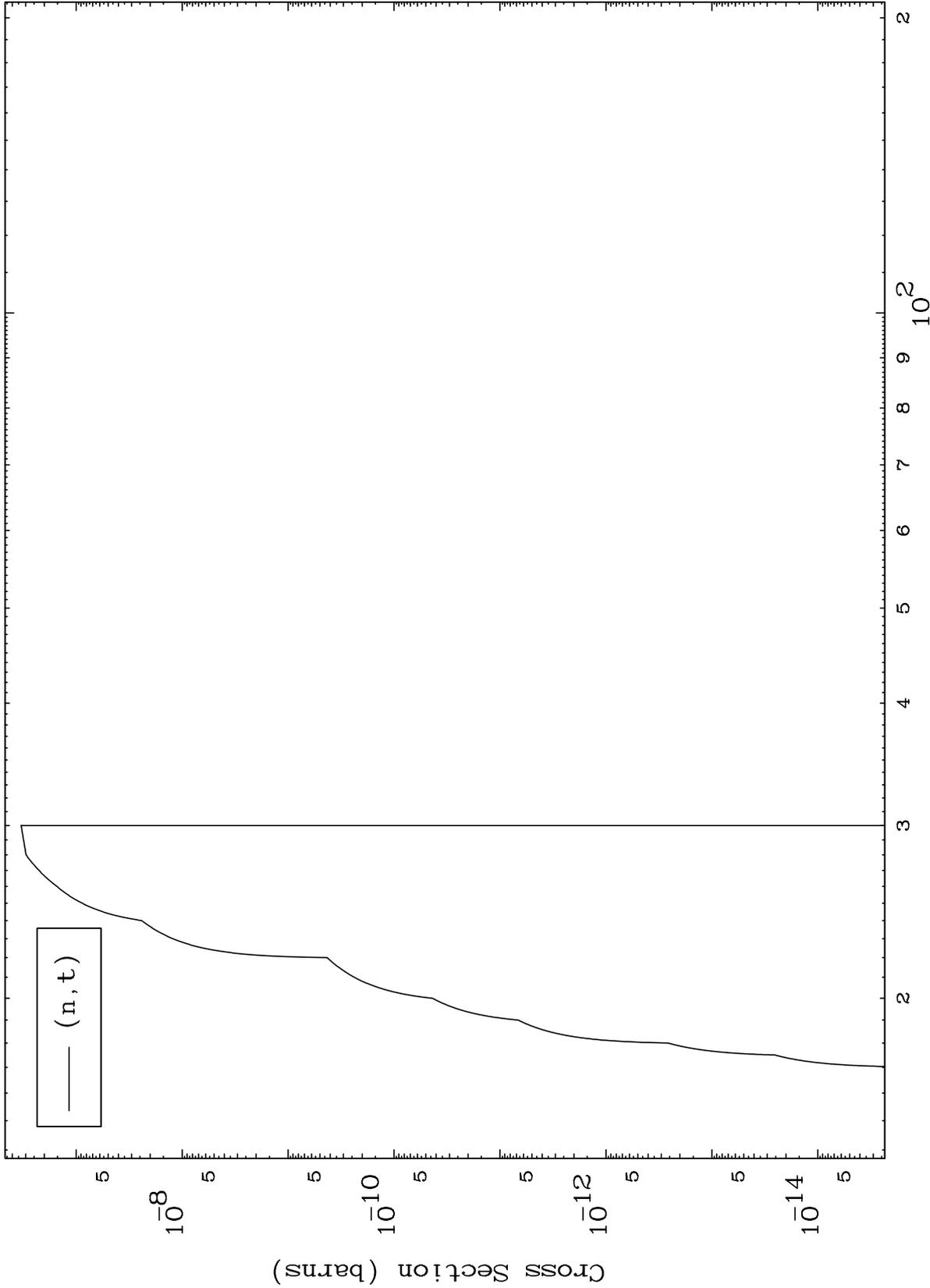
49-In-122n



MAT 4954

(γ, t) Levels
0 Kelvin Cross Sections

49-In-122n

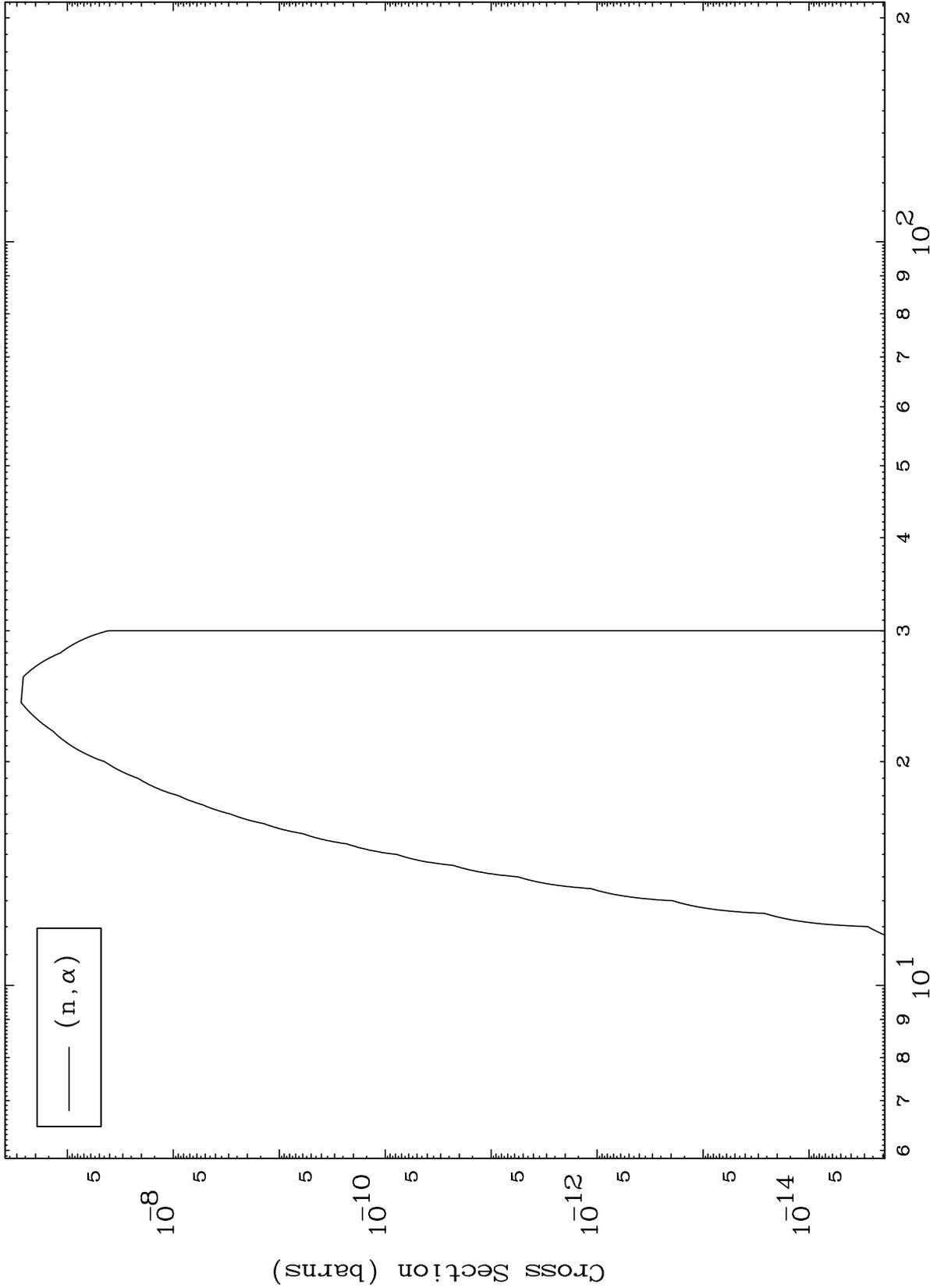


MAT 4954

(γ, α) Levels

49-In-122n

0 Kelvin Cross Sections



9

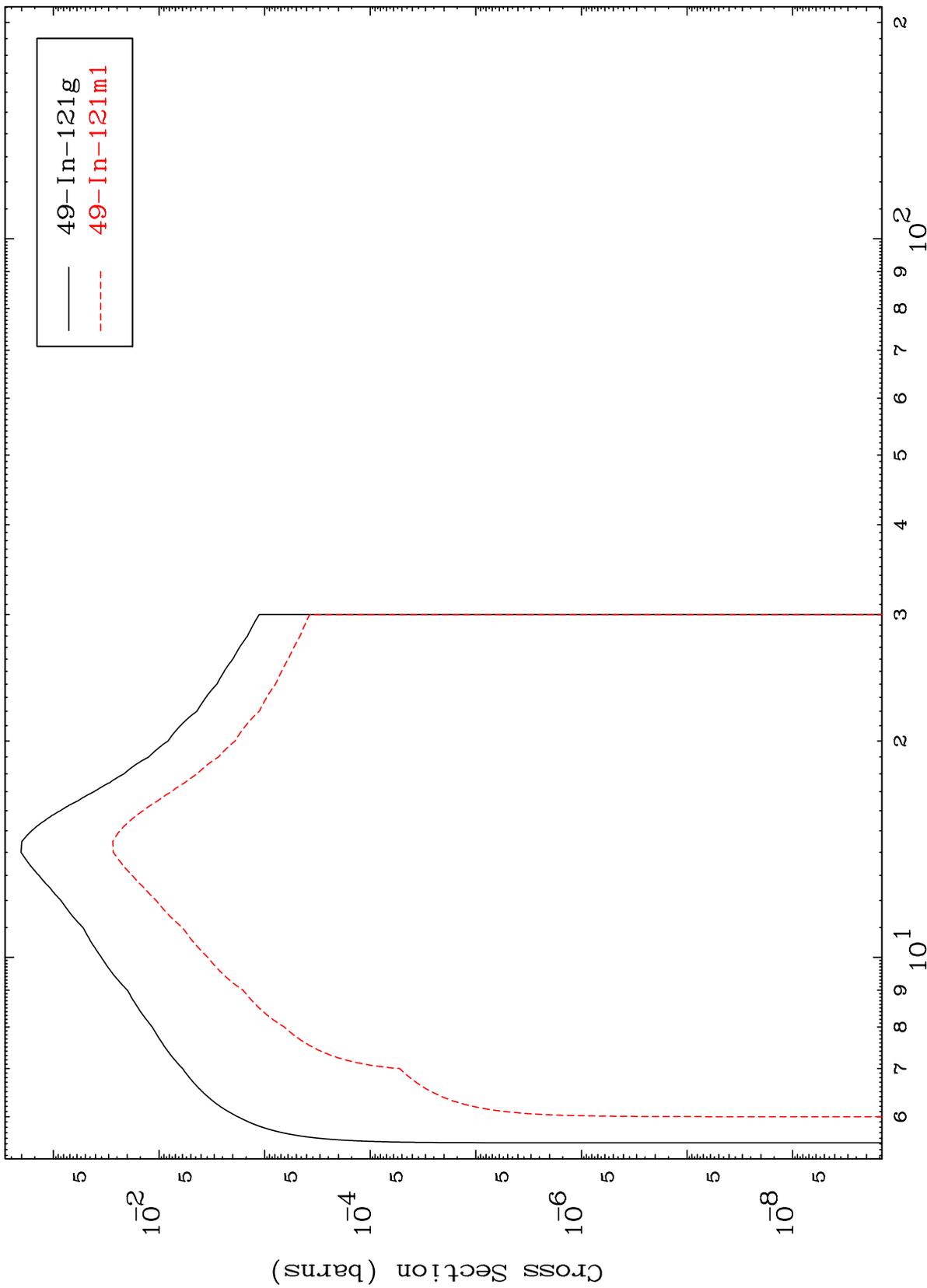
Incident Energy (MeV)

49-In-122n

MAT 4954

49-In-122n

Inelastic
Radionuclide Production Cross Section



49-In-122n

Incident Energy (MeV)

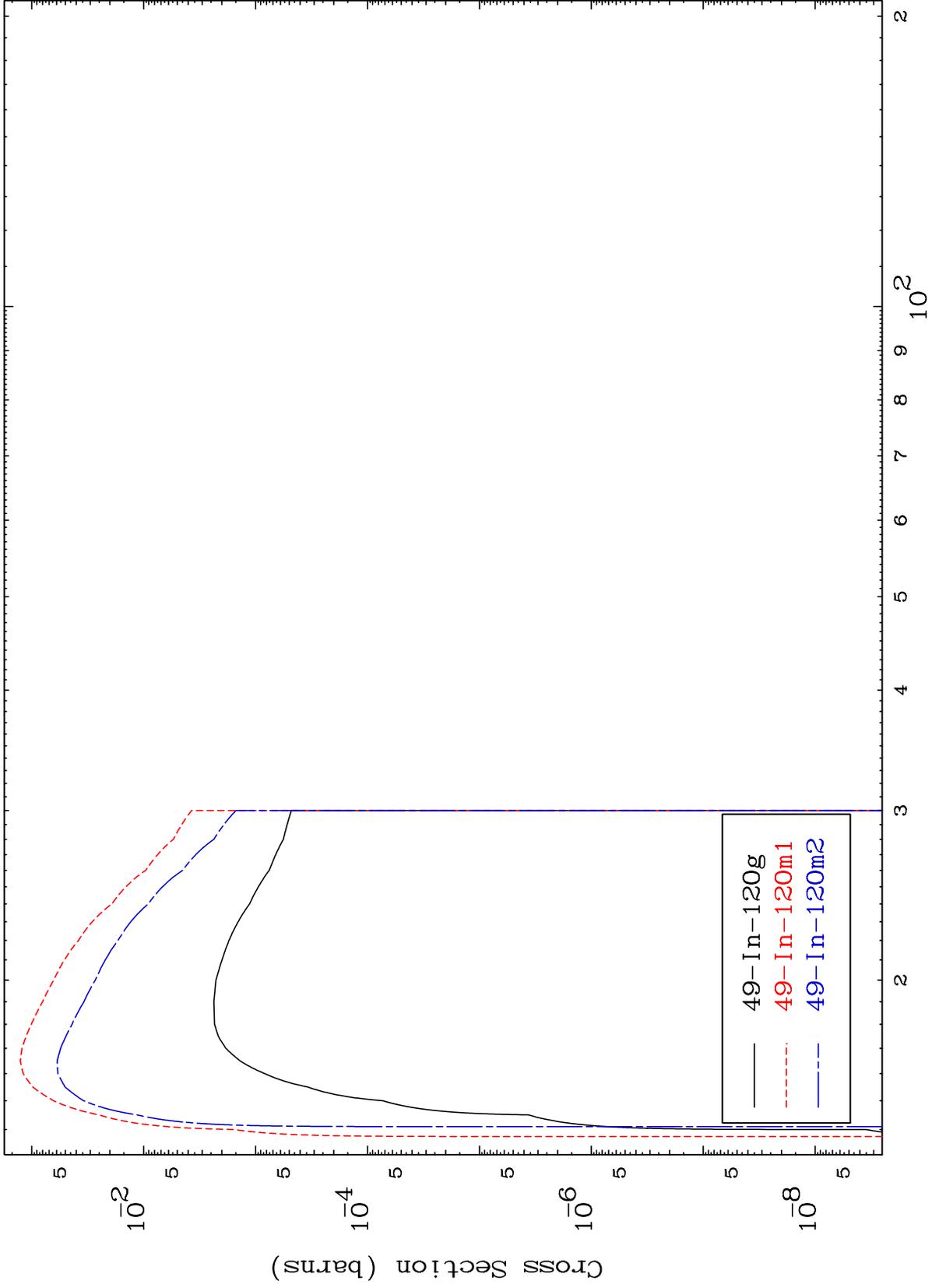
10

MAT 4954

(n,2n)

49-In-122n

Radionuclide Production Cross Section

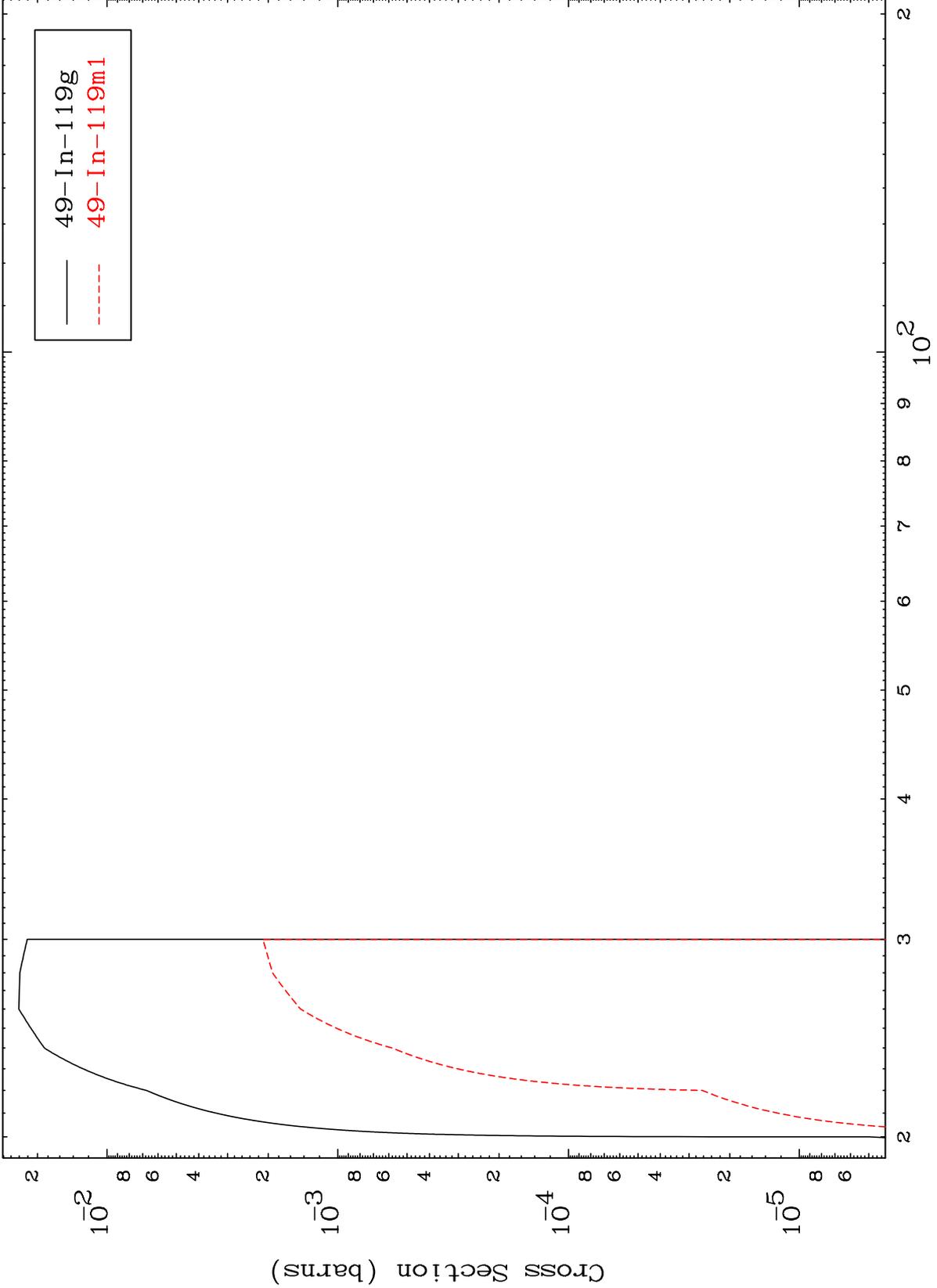


MAT 4954

(n,3n)

49-In-122n

Radionuclide Production Cross Section



12

Incident Energy (MeV)

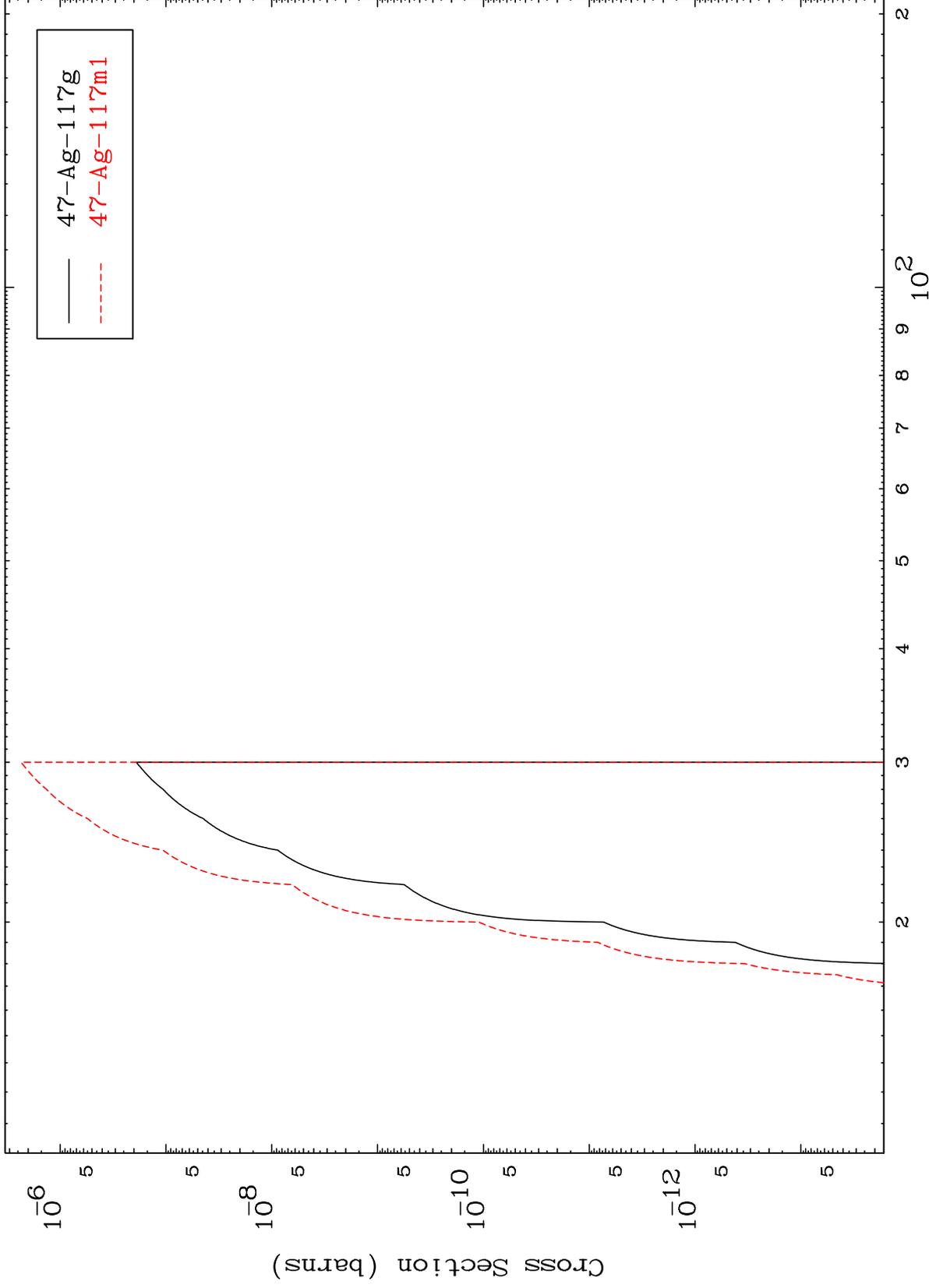
49-In-122n

MAT 4954

$(n, n') \alpha$

49-In-122n

Radionuclide Production Cross Section

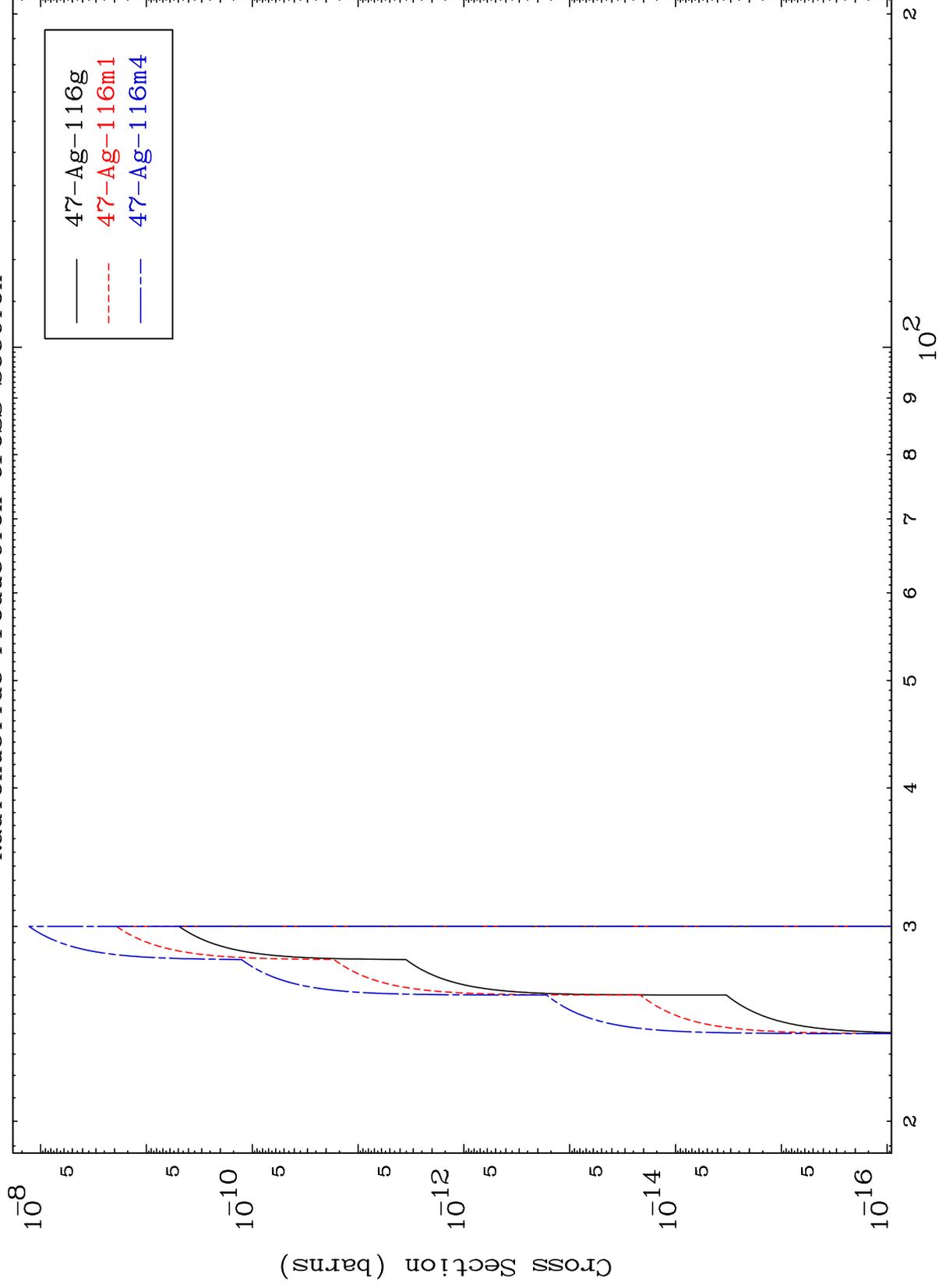


MAT 4954

(n,2n) α

49-In-122n

Radionuclide Production Cross Section



14

Incident Energy (MeV)

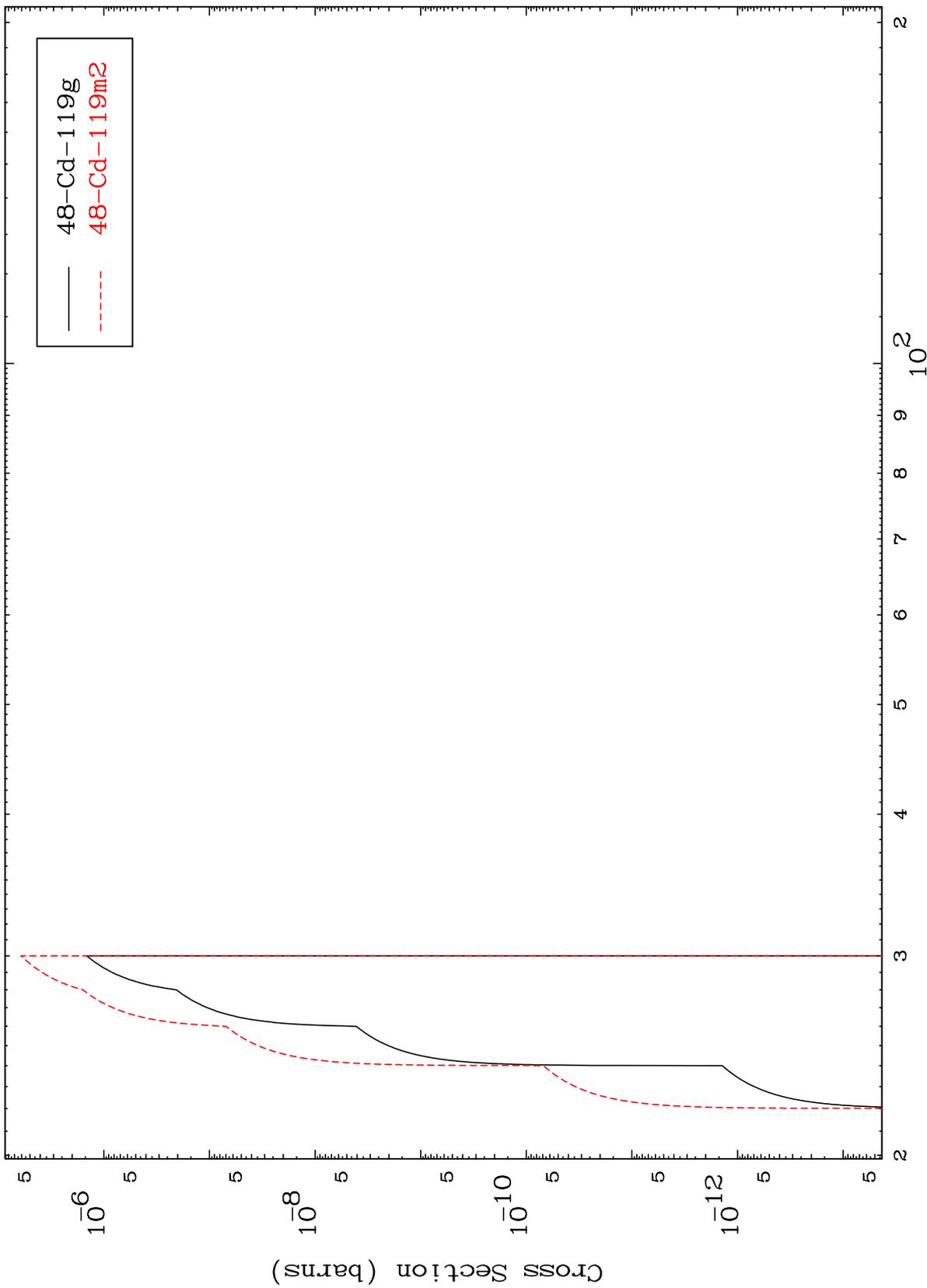
49-In-122n

MAT 4954

(n,n') d

49-In-122n

Radionuclide Production Cross Section



15

Incident Energy (MeV)

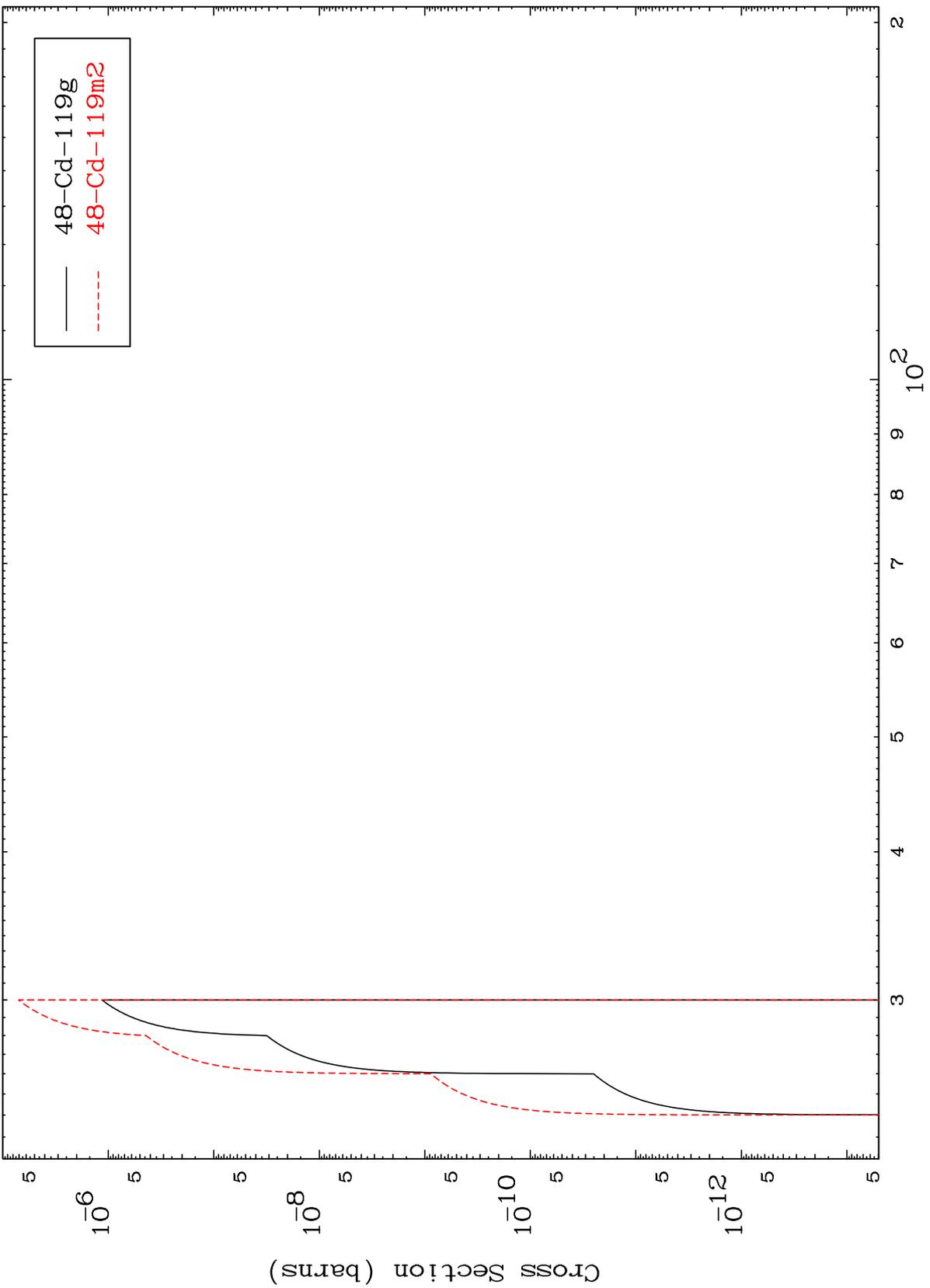
49-In-122n

MAT 4954

(n,2n) p

49-In-122n

Radionuclide Production Cross Section



16

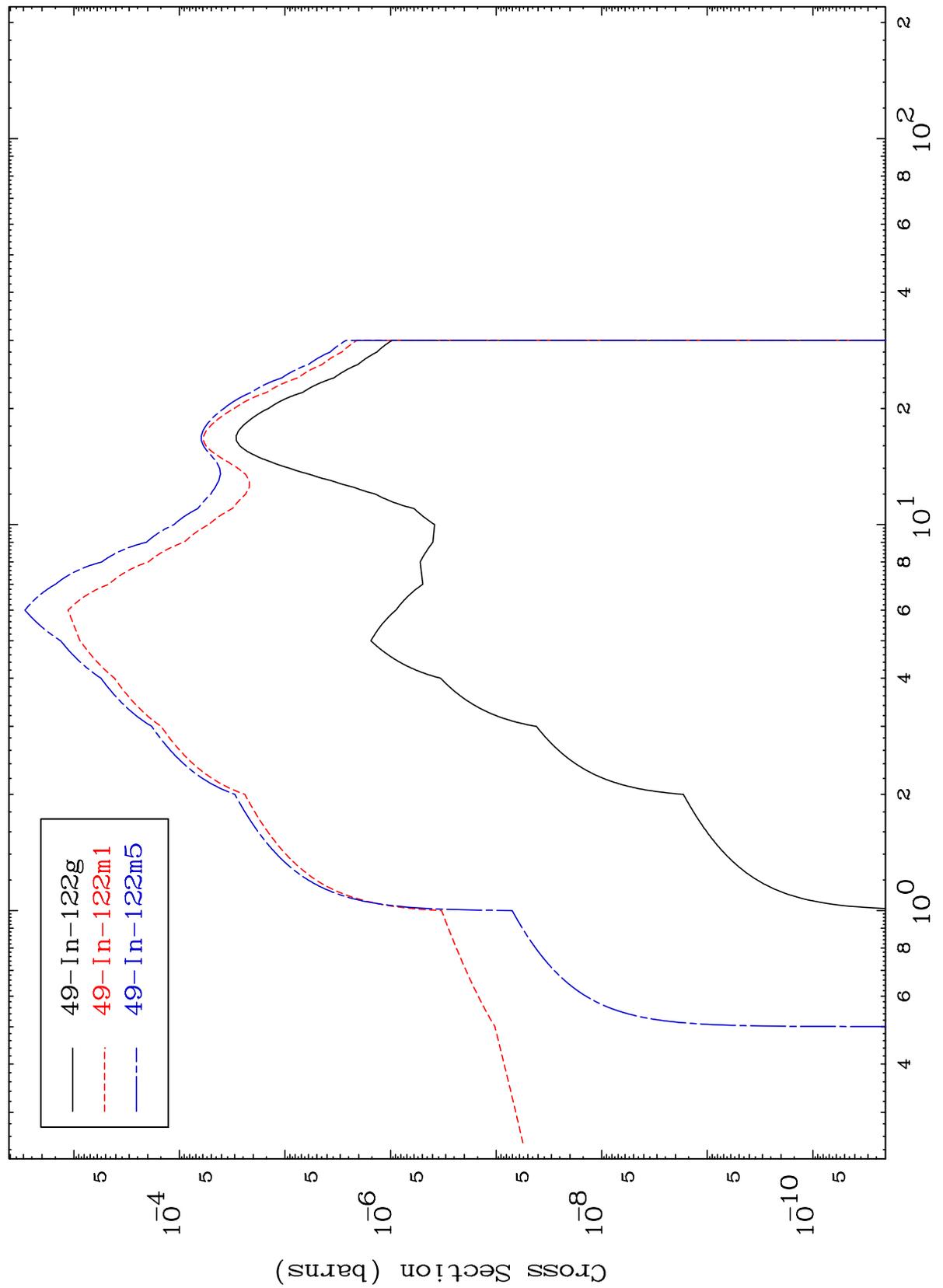
Incident Energy (MeV)

49-In-122n

MAT 4954

49-In-122n

Radionuclide Production Cross Section
(n, γ)



49-In-122n

Incident Energy (MeV)

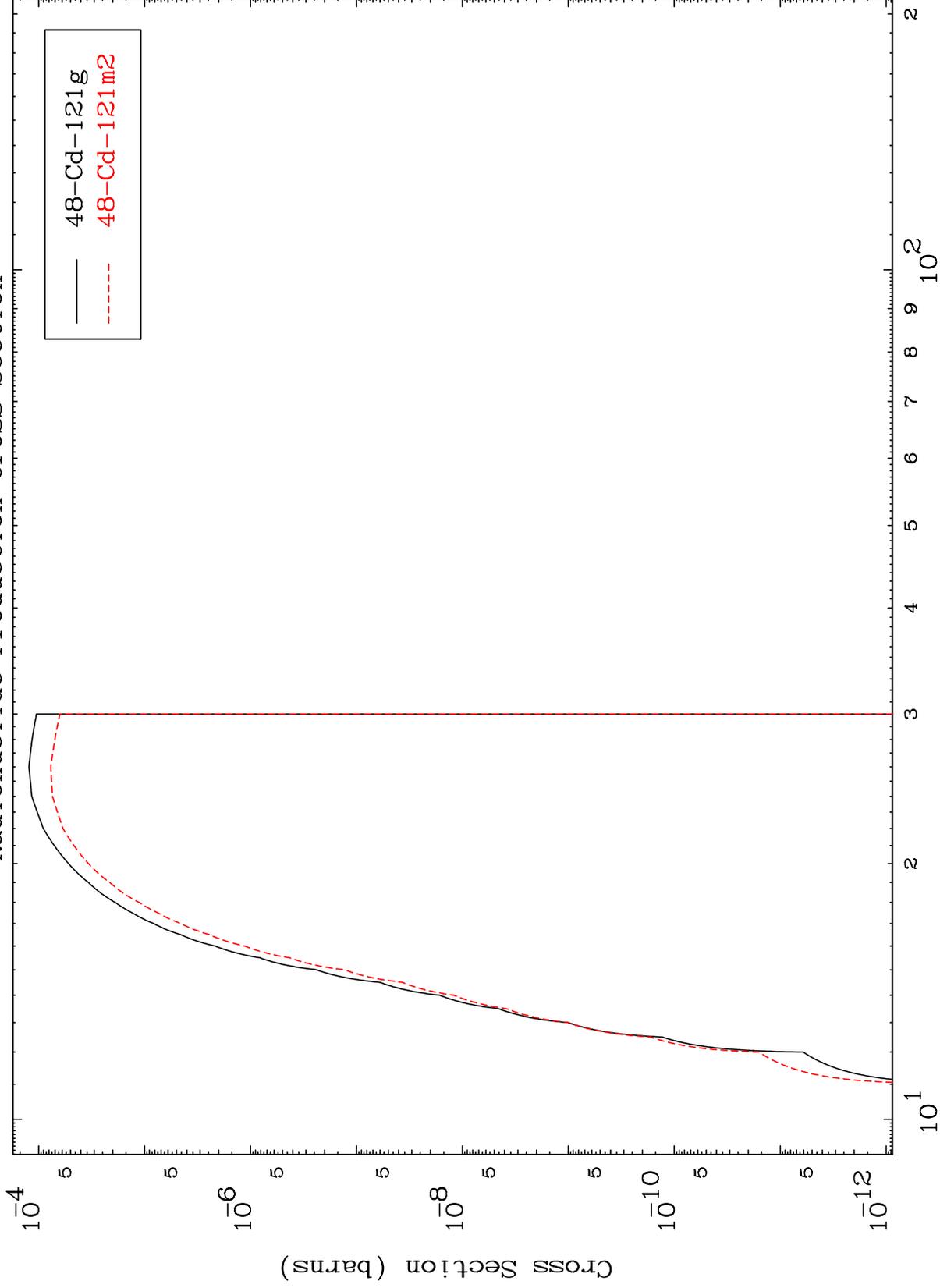
17

MAT 4954

(n,p)

49-In-122n

Radionuclide Production Cross Section



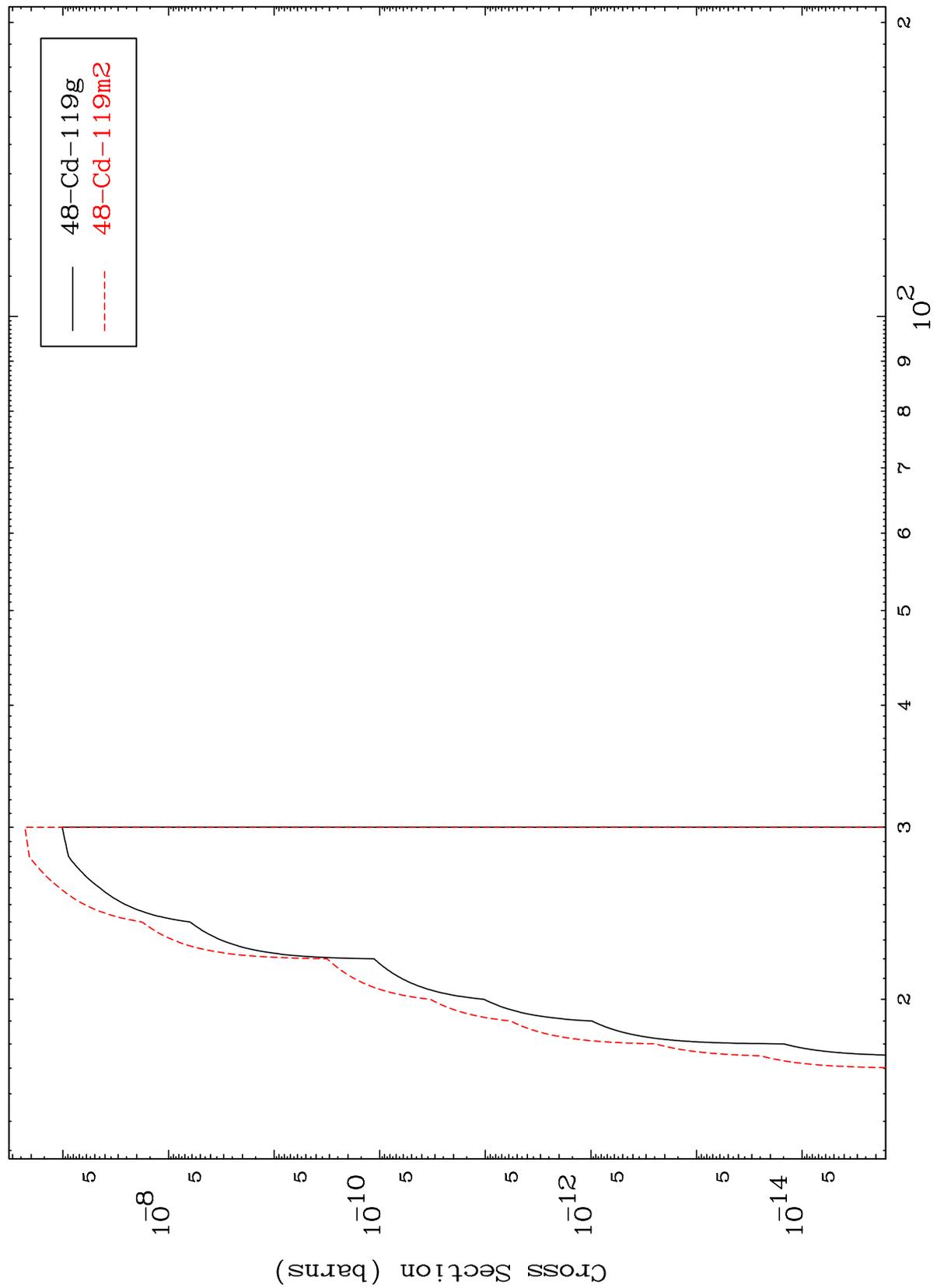
Incident Energy (MeV)

49-In-122n

MAT 4954

49-In-122n

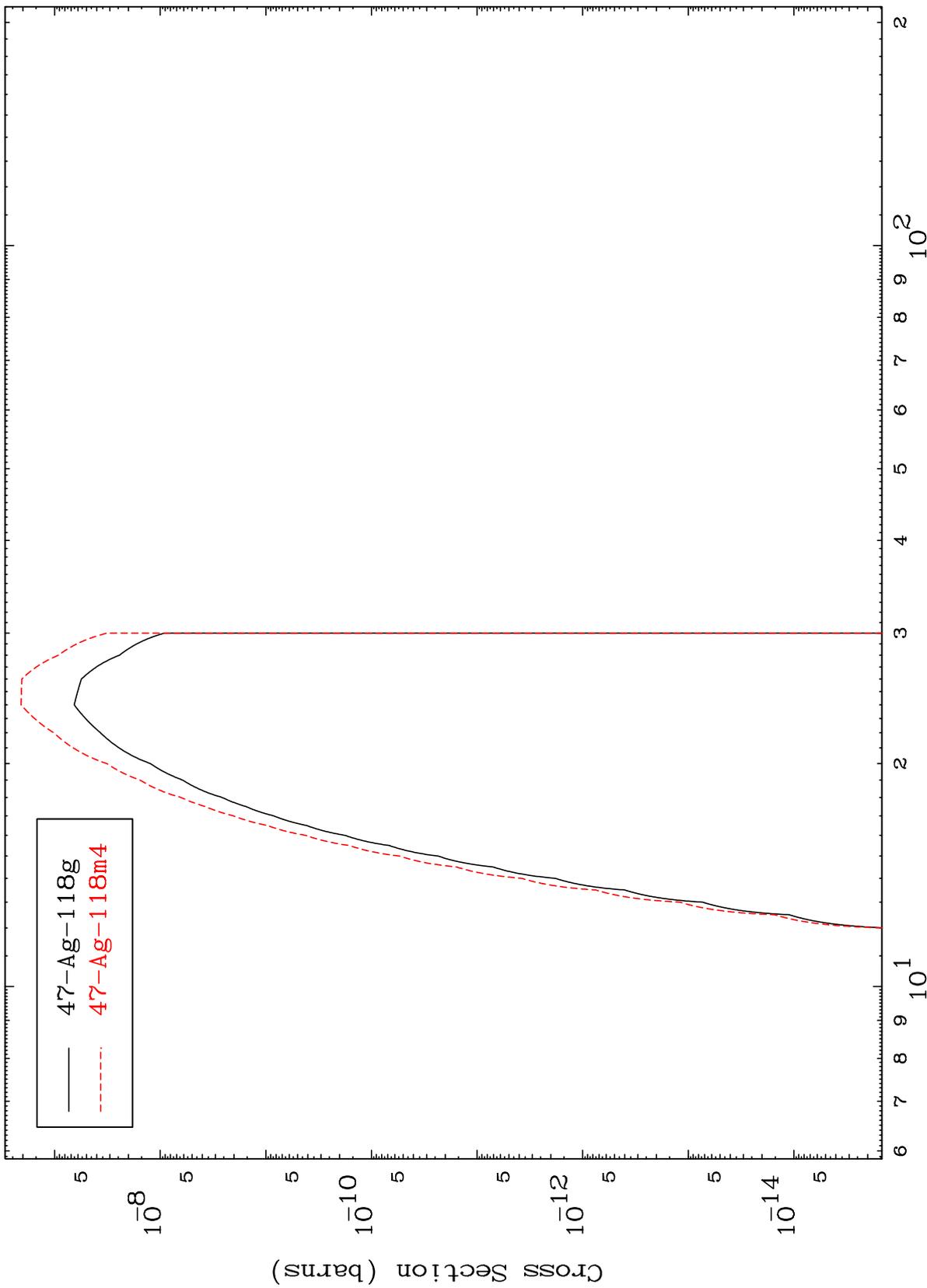
(n,t)
Radionuclide Production Cross Section



MAT 4954

49-In-122n

Radionuclide Production Cross Section



— 47-Ag-118g
- - - 47-Ag-118m4

49-In-122n

Incident Energy (MeV)

20