

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

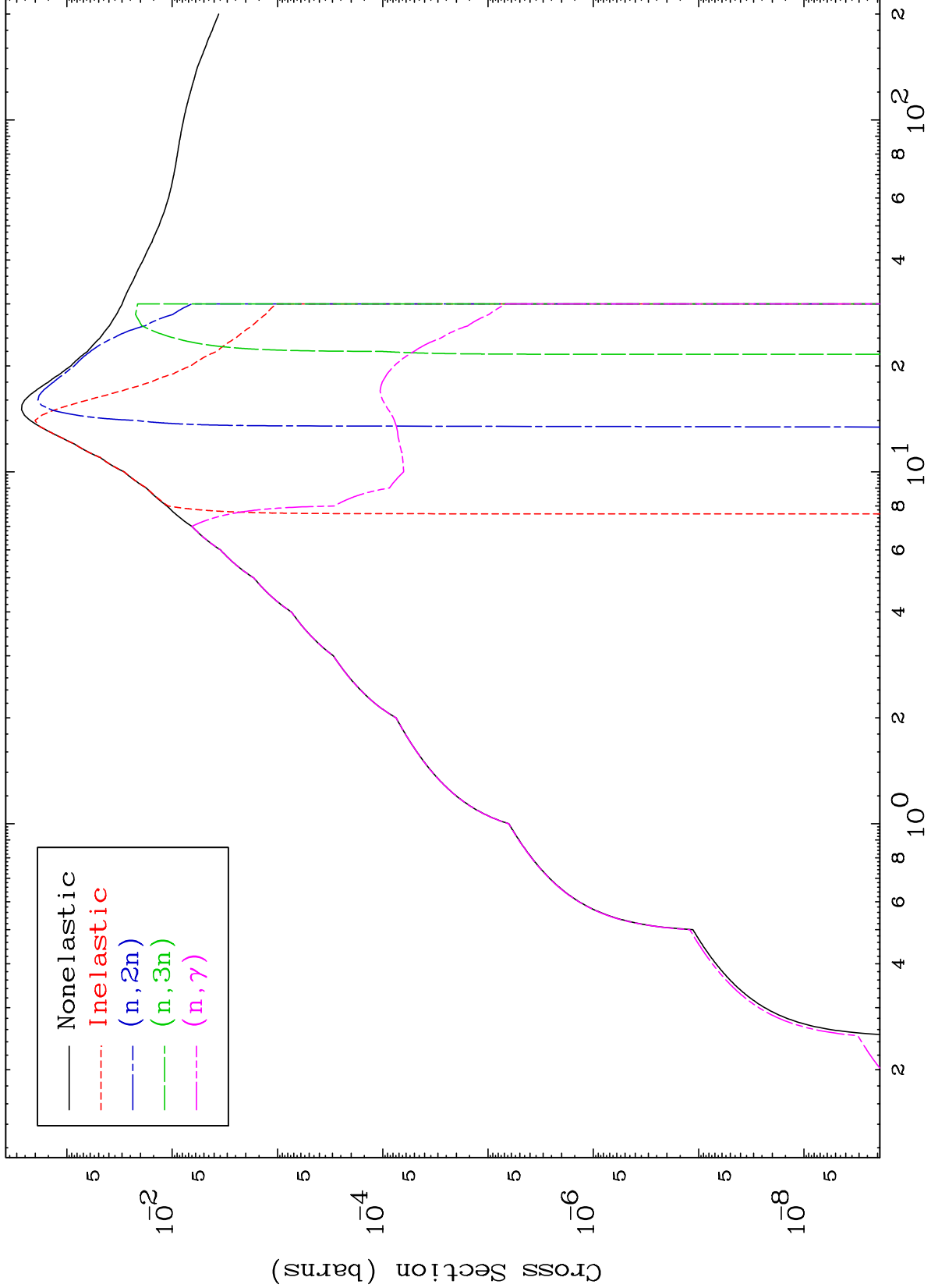
Press Mouse Button to Start

MAT 4956

Photon Major

49-In-123m

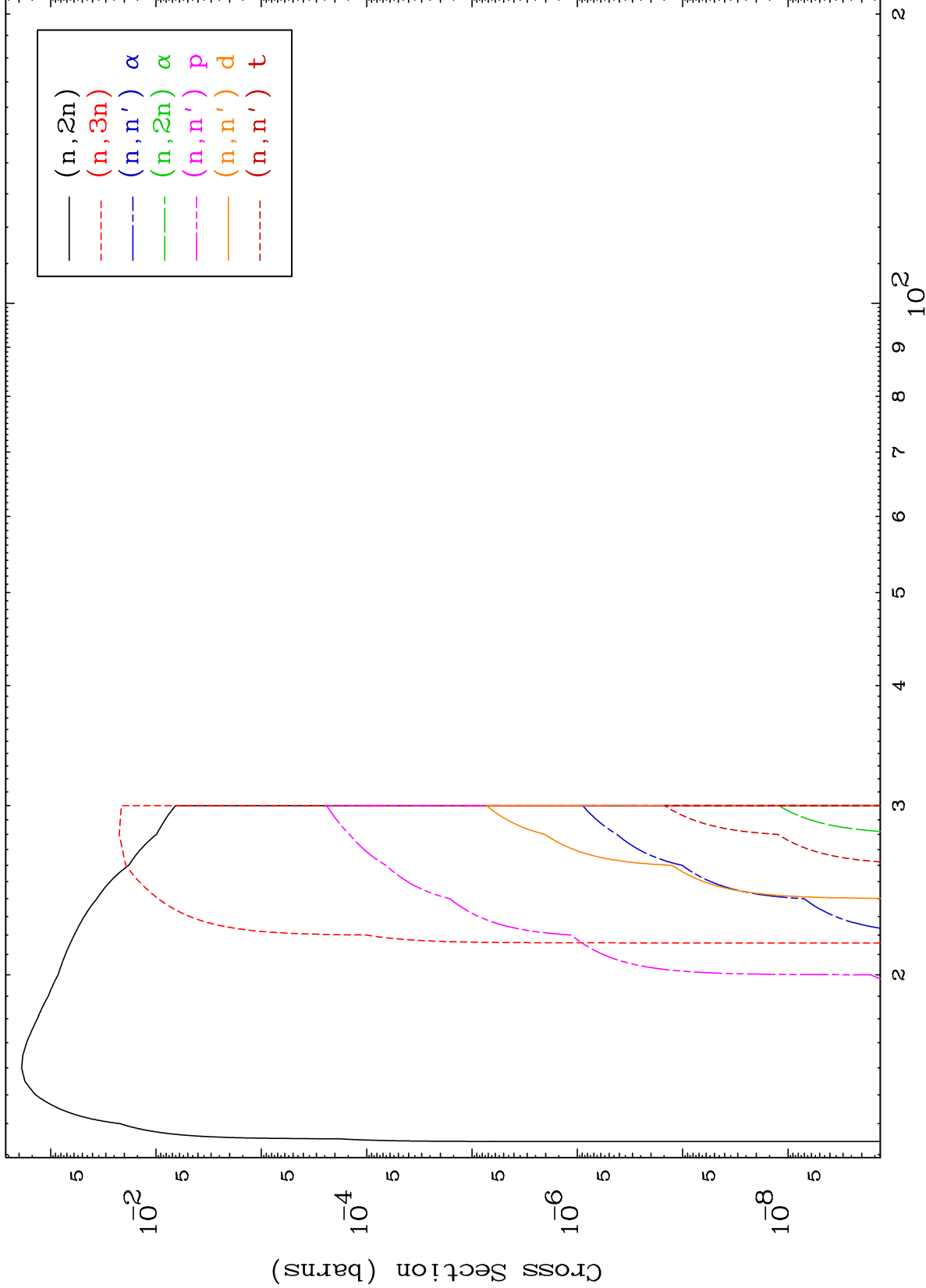
0 Kelvin Cross Sections



MAT 4956

Photon Neutron Absorption
0 Kelvin Cross Sections

49-In-123m



2

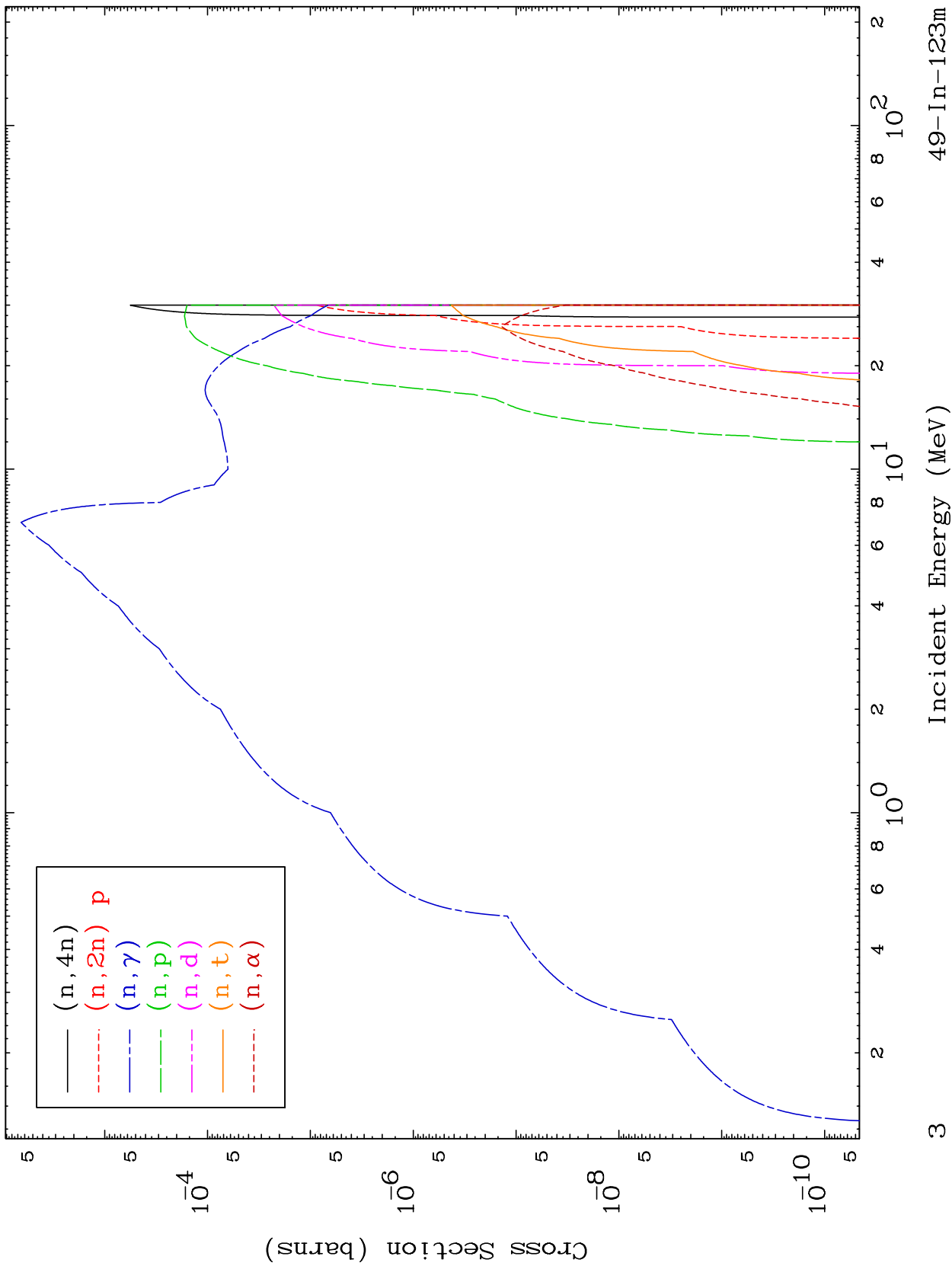
Incident Energy (MeV)

49-In-123m

MAT 4956

Photon Neutron Absorption
0 Kelvin Cross Sections

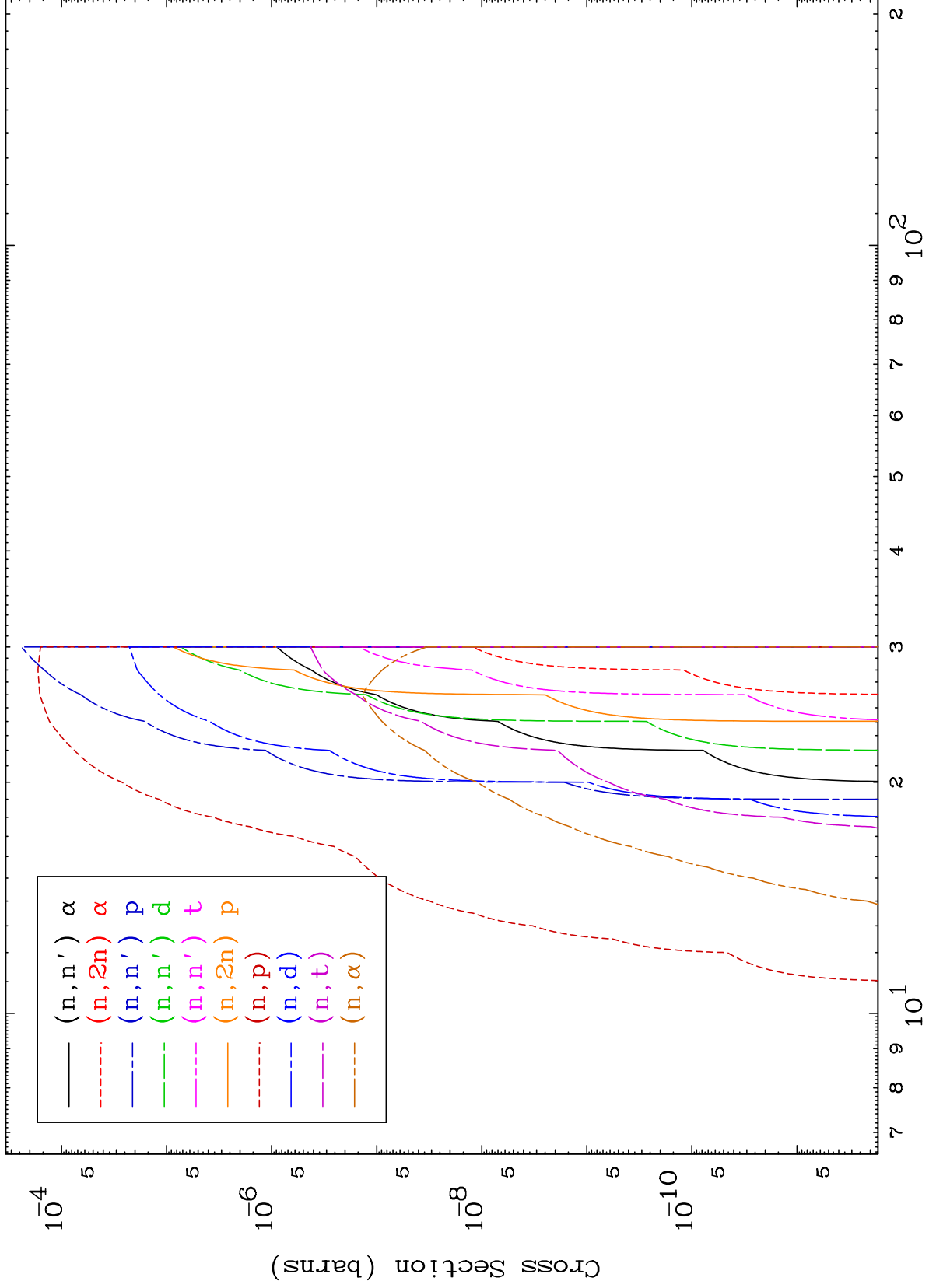
49-In-123m



MAT 4956

Photon Charged Particle
0 Kelvin Cross Sections

49-In-123m

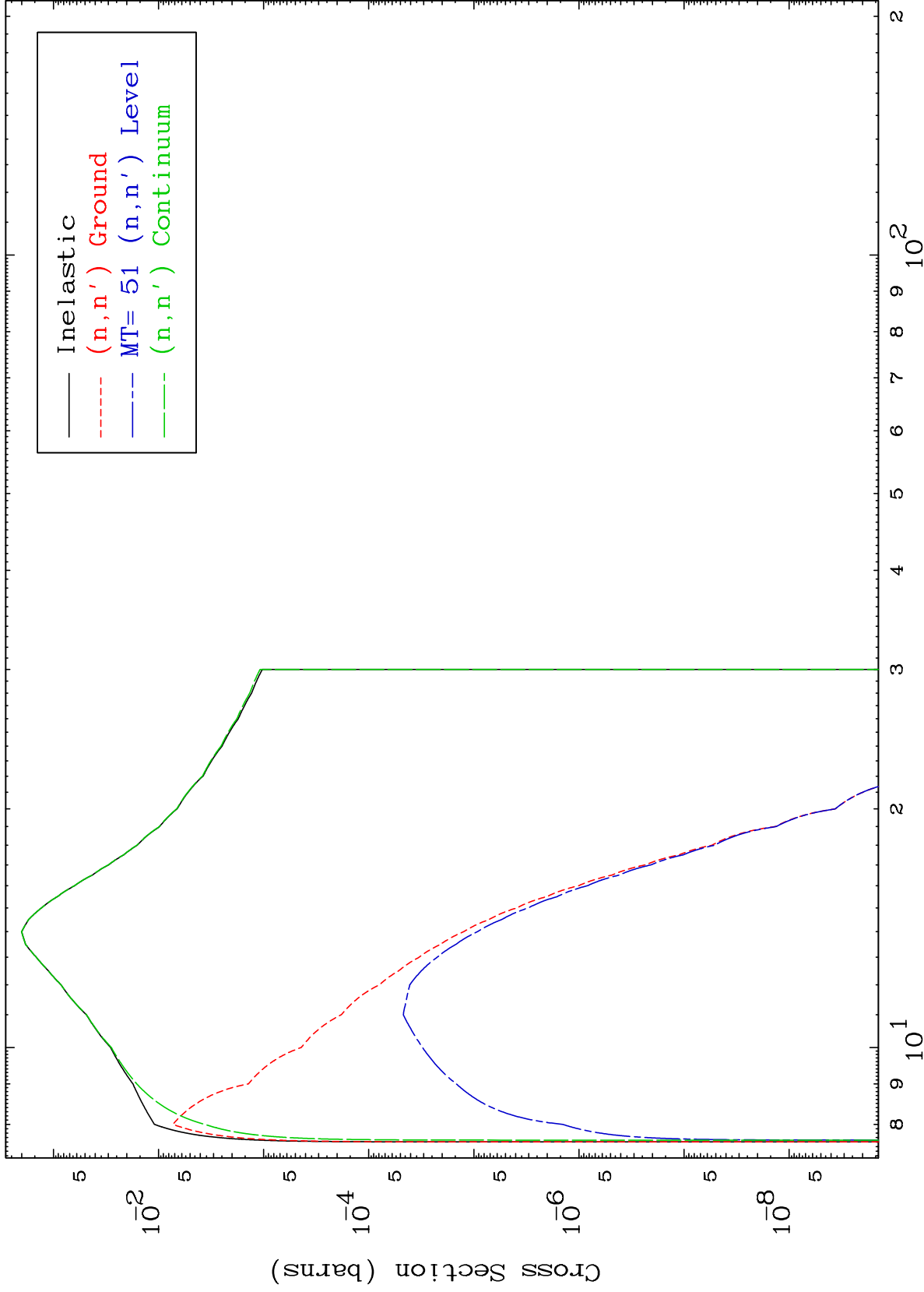


MAT 4956

(γ, n') Levels

49-In-123m

0 Kelvin Cross Sections



Incident Energy (MeV)

49-In-123m

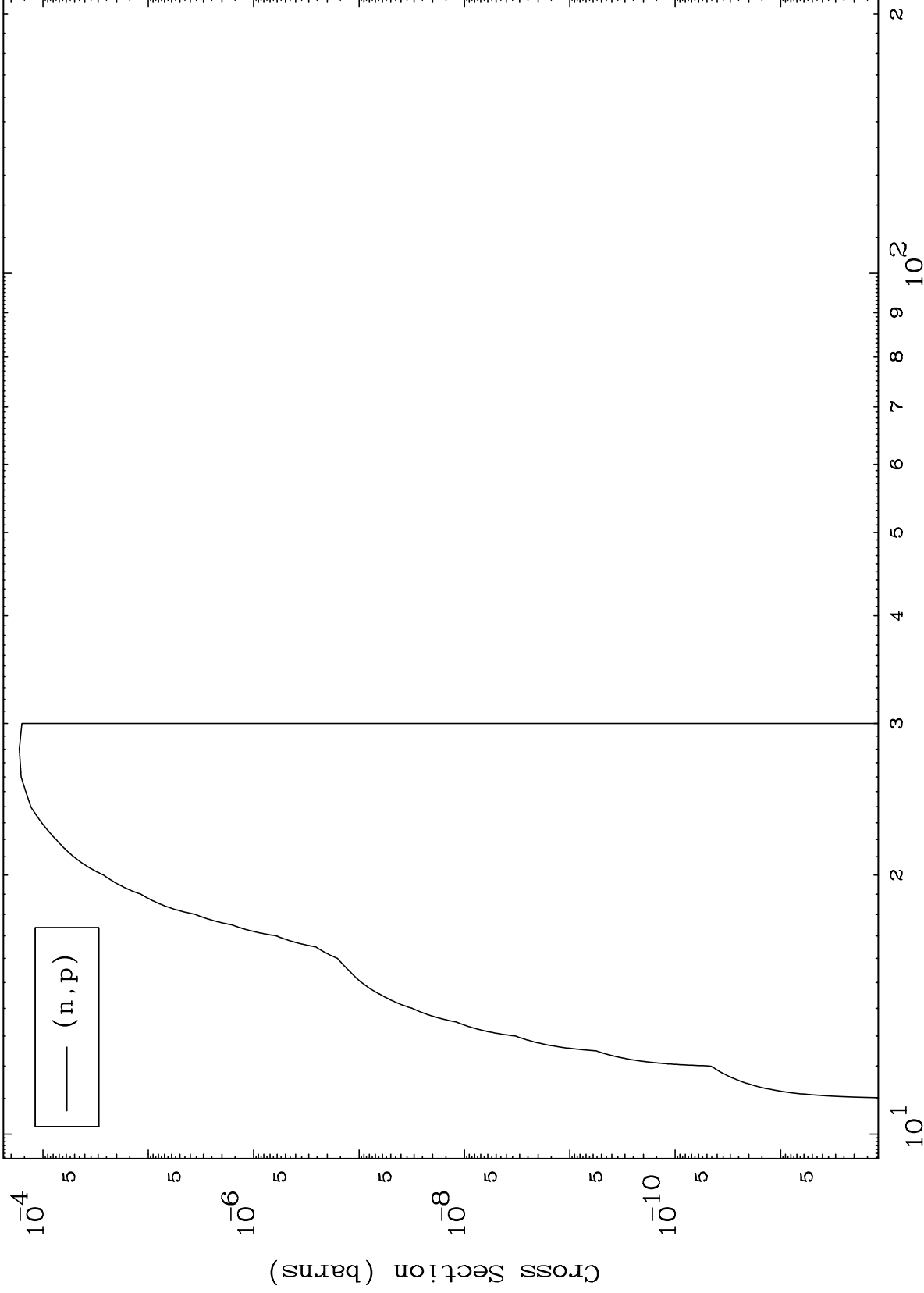
5

MAT 4956

(γ, p) Levels

49-In-123m

0 Kelvin Cross Sections



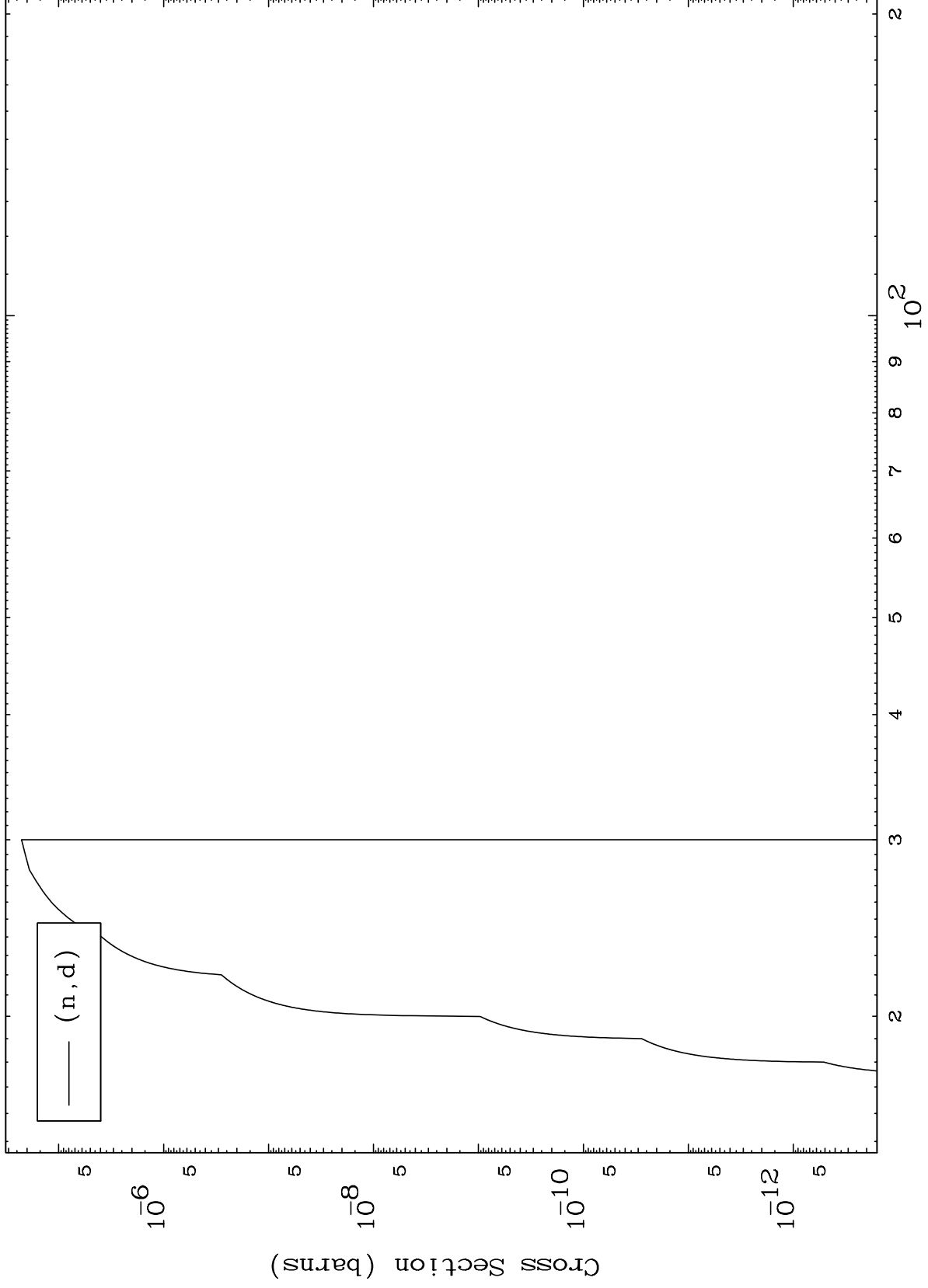
Incident Energy (MeV)

49-In-123m

MAT 4956

(γ, d) Levels
0 Kelvin Cross Sections

49-In-123m



7

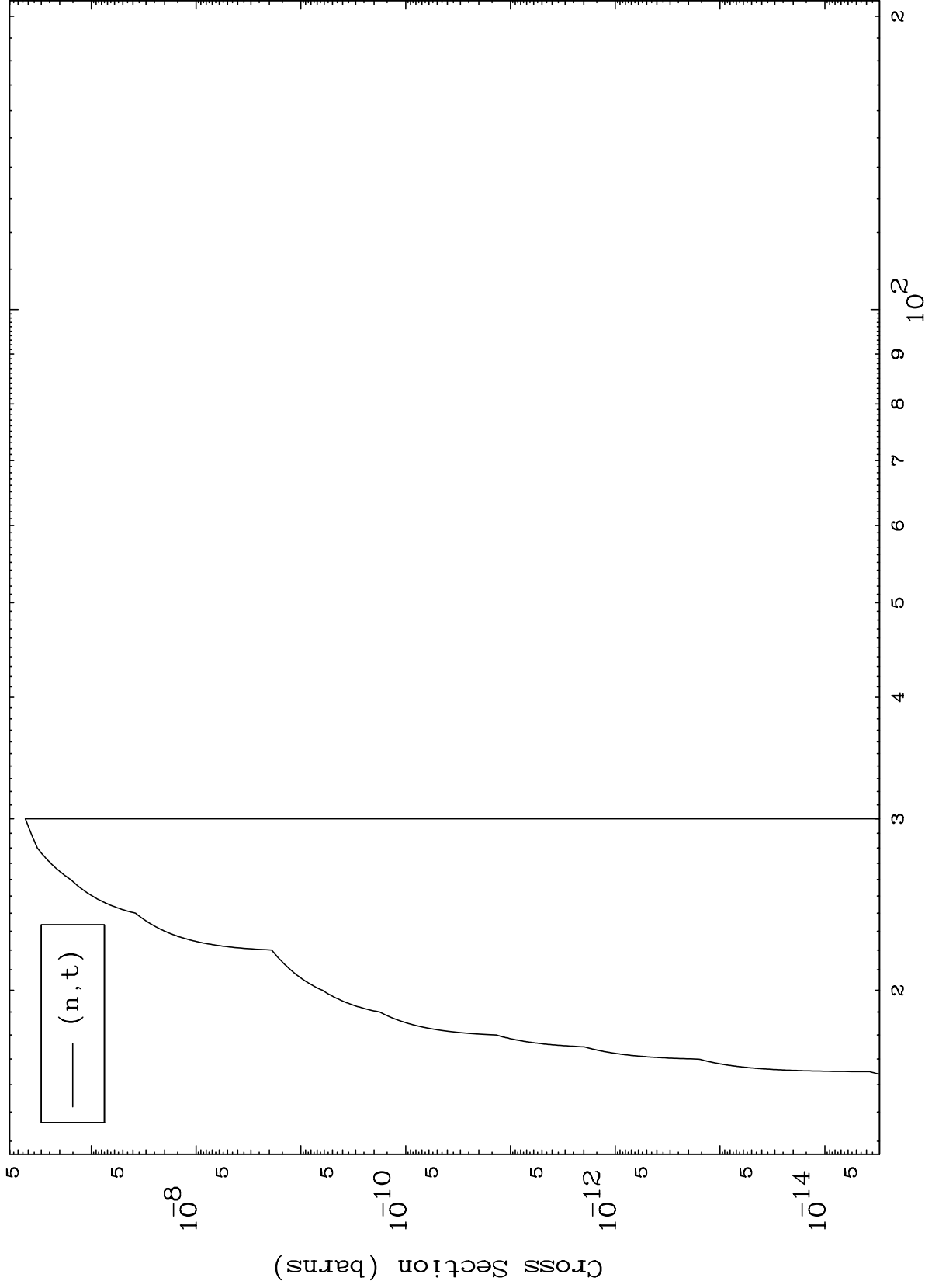
Incident Energy (MeV)

49-In-123m

MAT 4956

(γ, t) Levels
0 Kelvin Cross Sections

49-In-123m



8

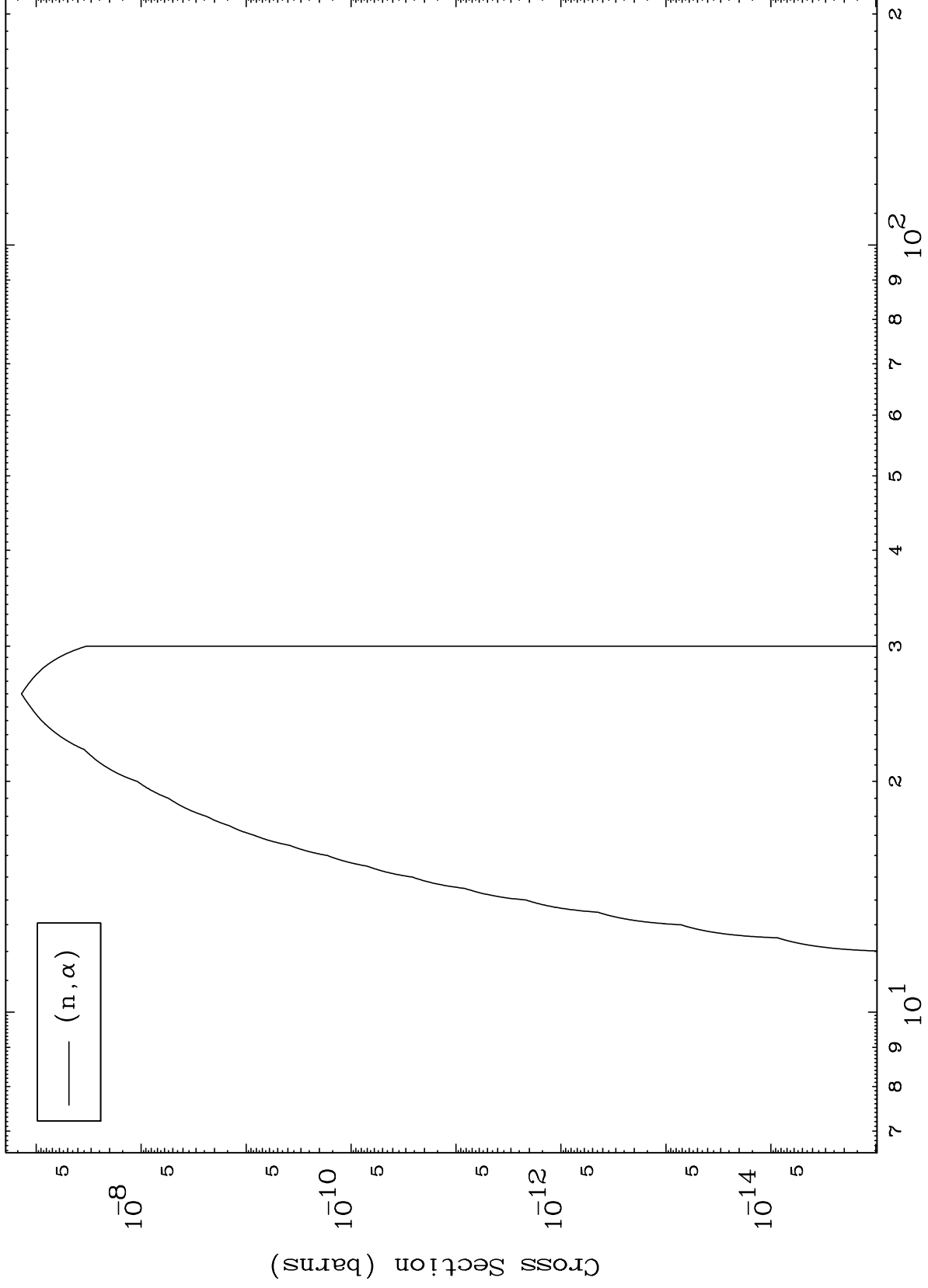
Incident Energy (MeV)

49-In-123m

MAT 4956

(γ, α) Levels
0 Kelvin Cross Sections

49-In-123m



9

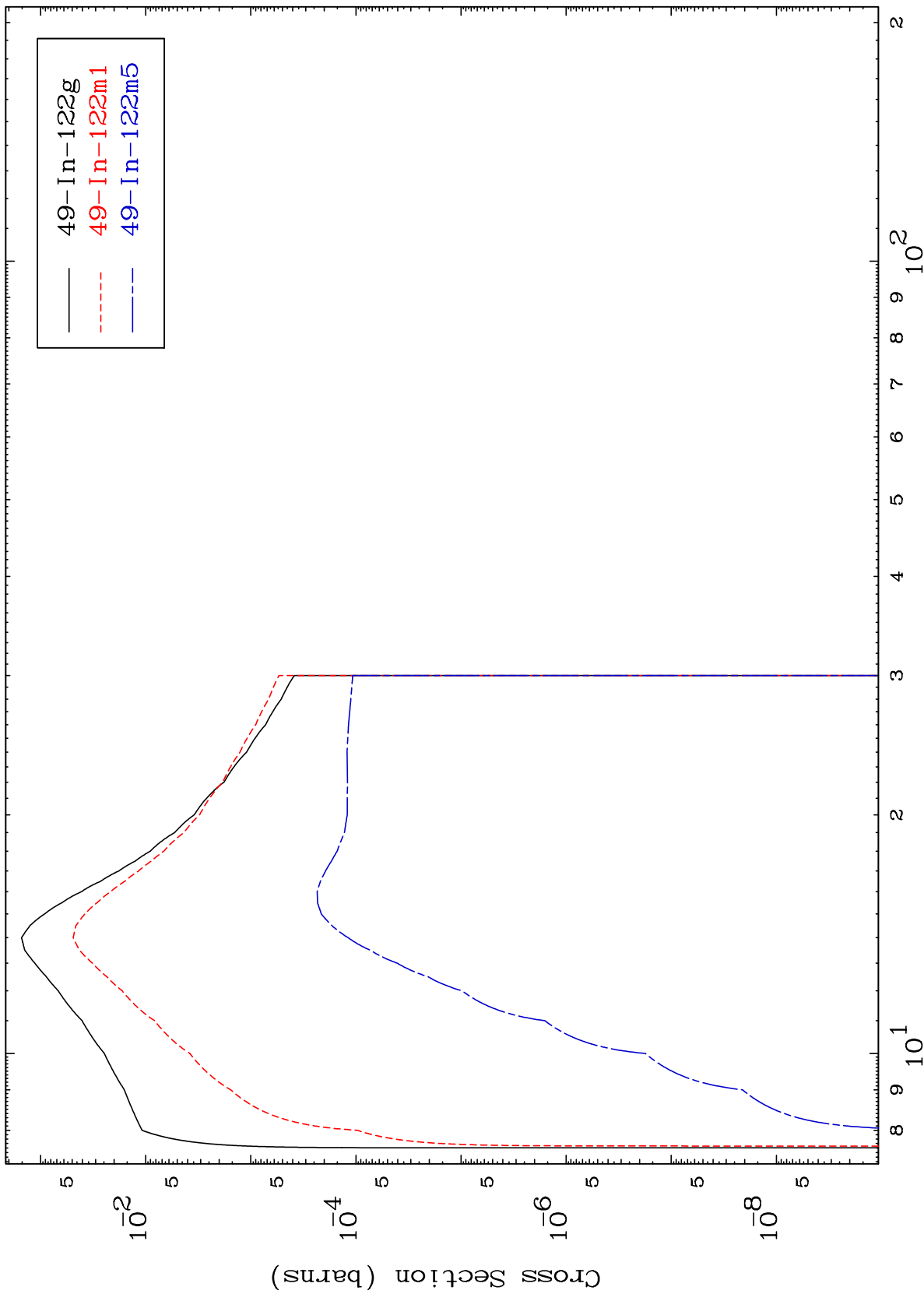
Incident Energy (MeV)

49-In-123m

MAT 4956

49-In-123m

Inelastic
Radionuclide Production Cross Section



49-In-123m

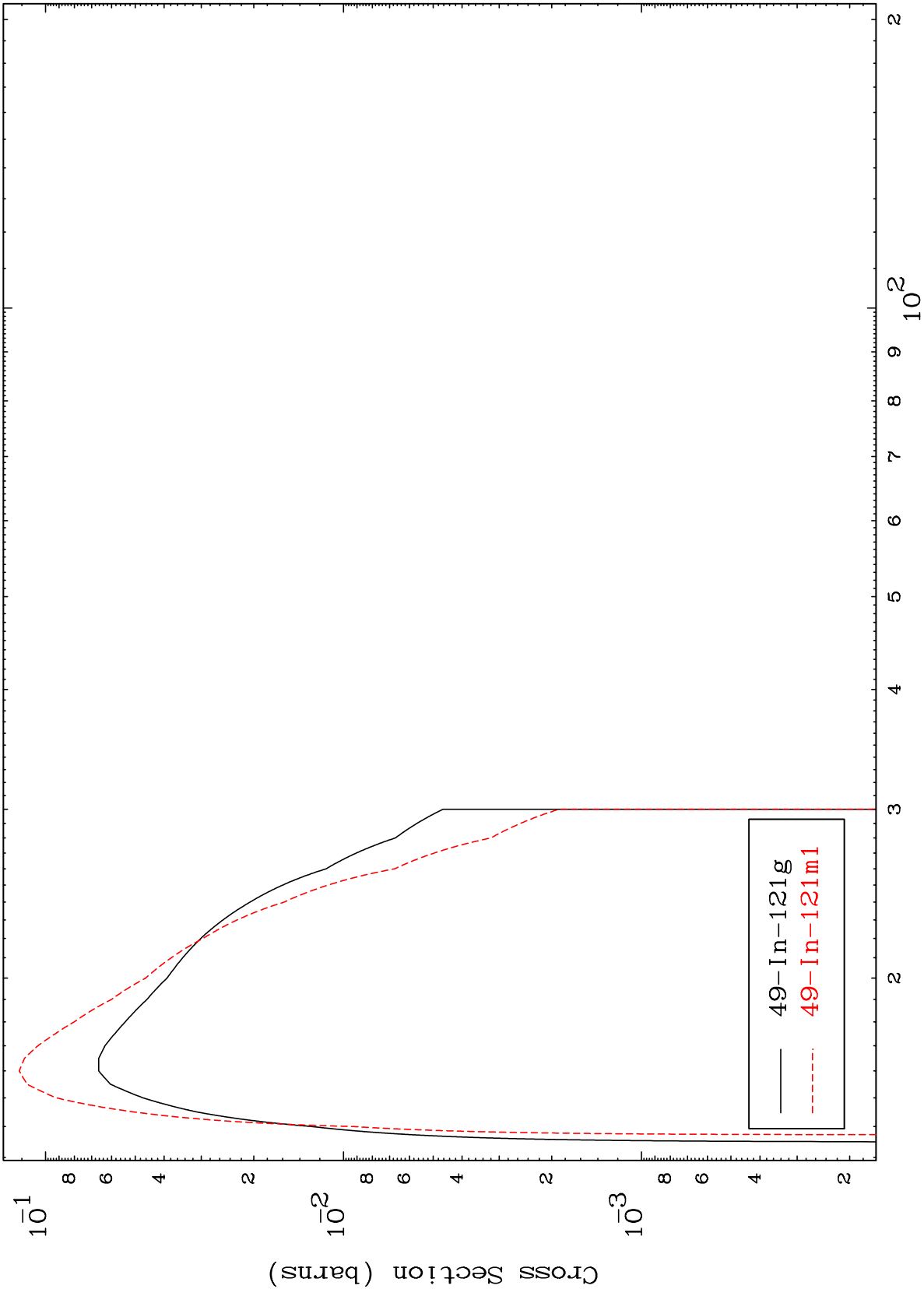
Incident Energy (MeV)

10

MAT 4956

49-In-123m

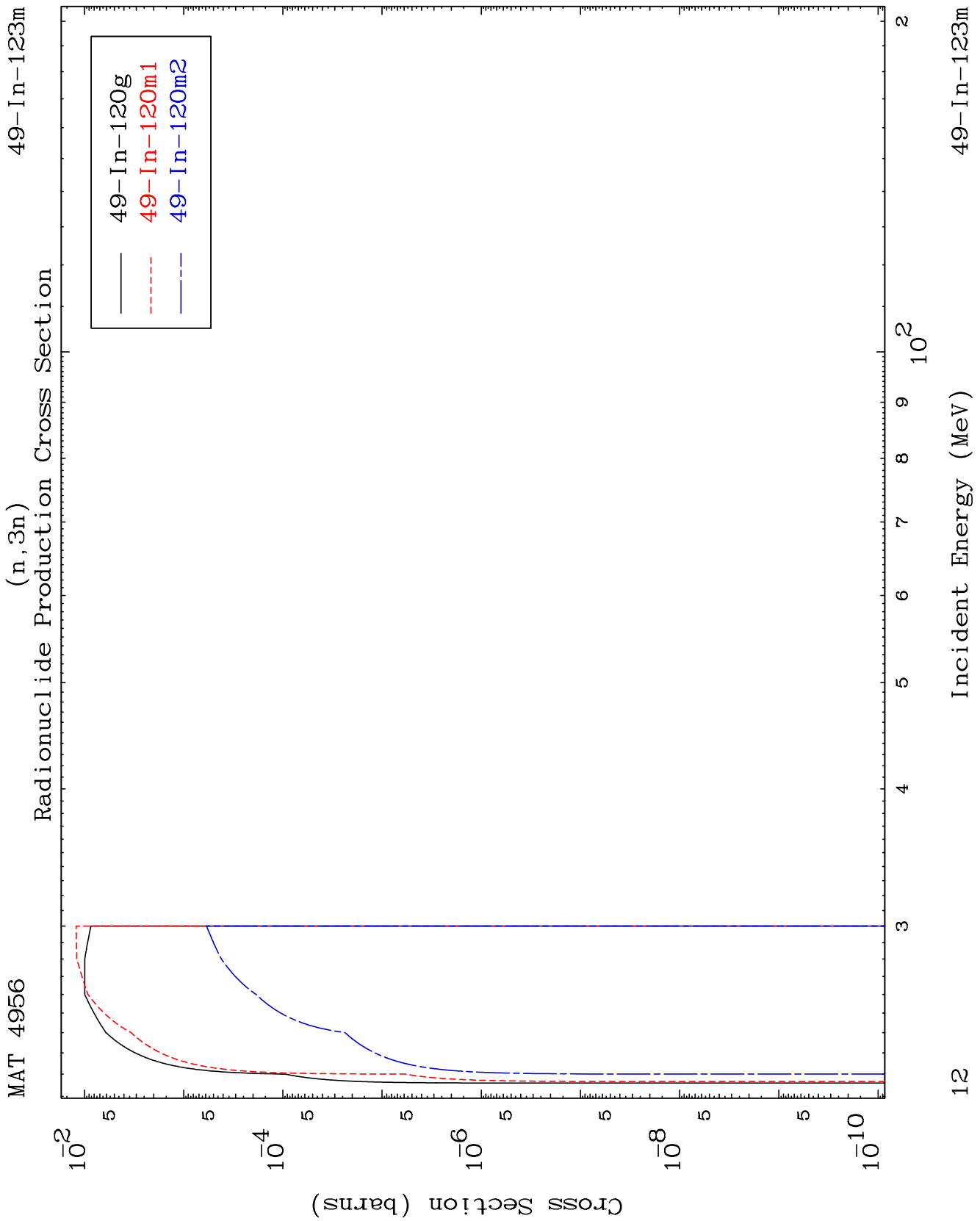
(n,2n)
Radionuclide Production Cross Section



49-In-123m

Incident Energy (MeV)

11

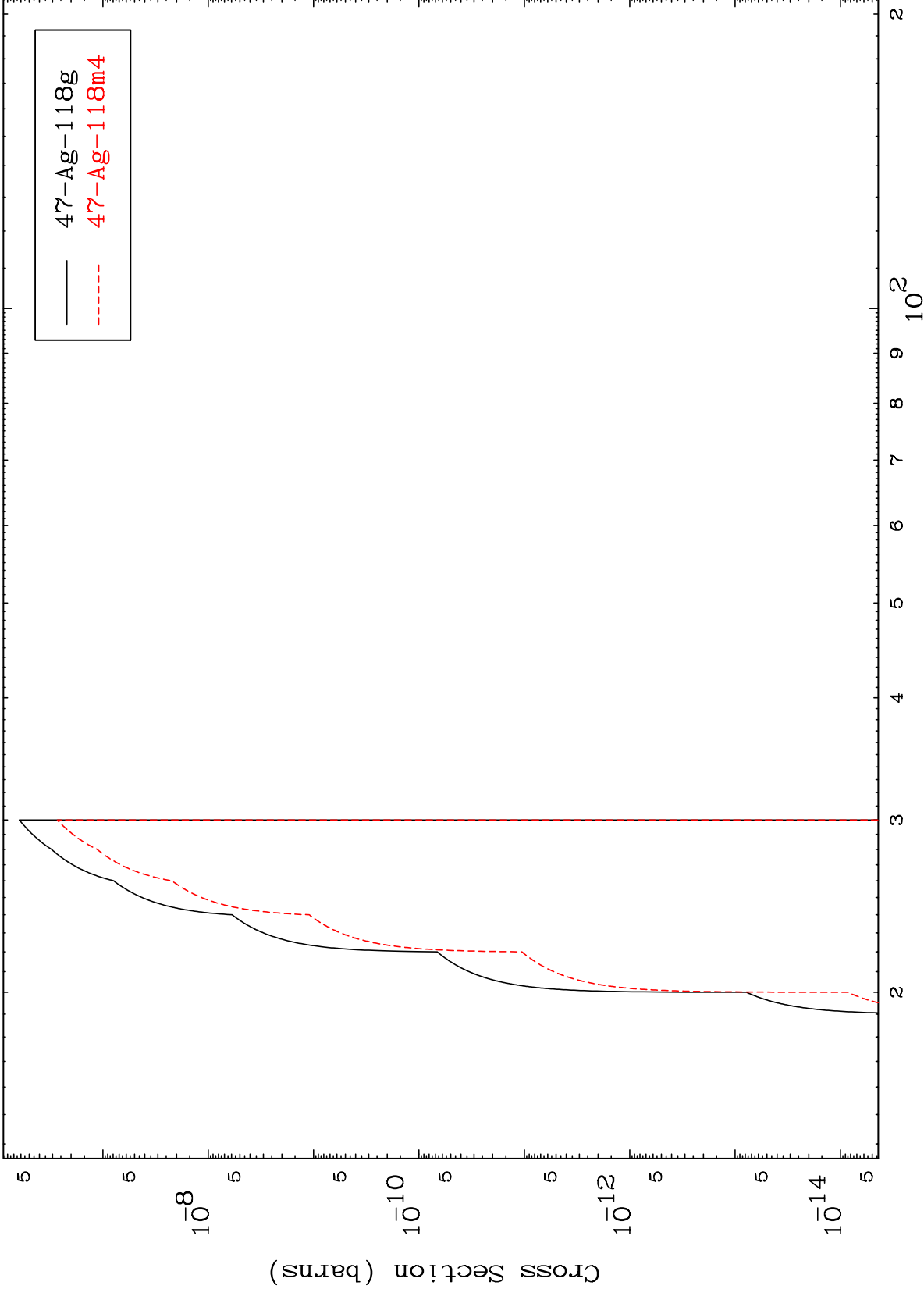


MAT 4956

(n,n') α

49-In-123m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

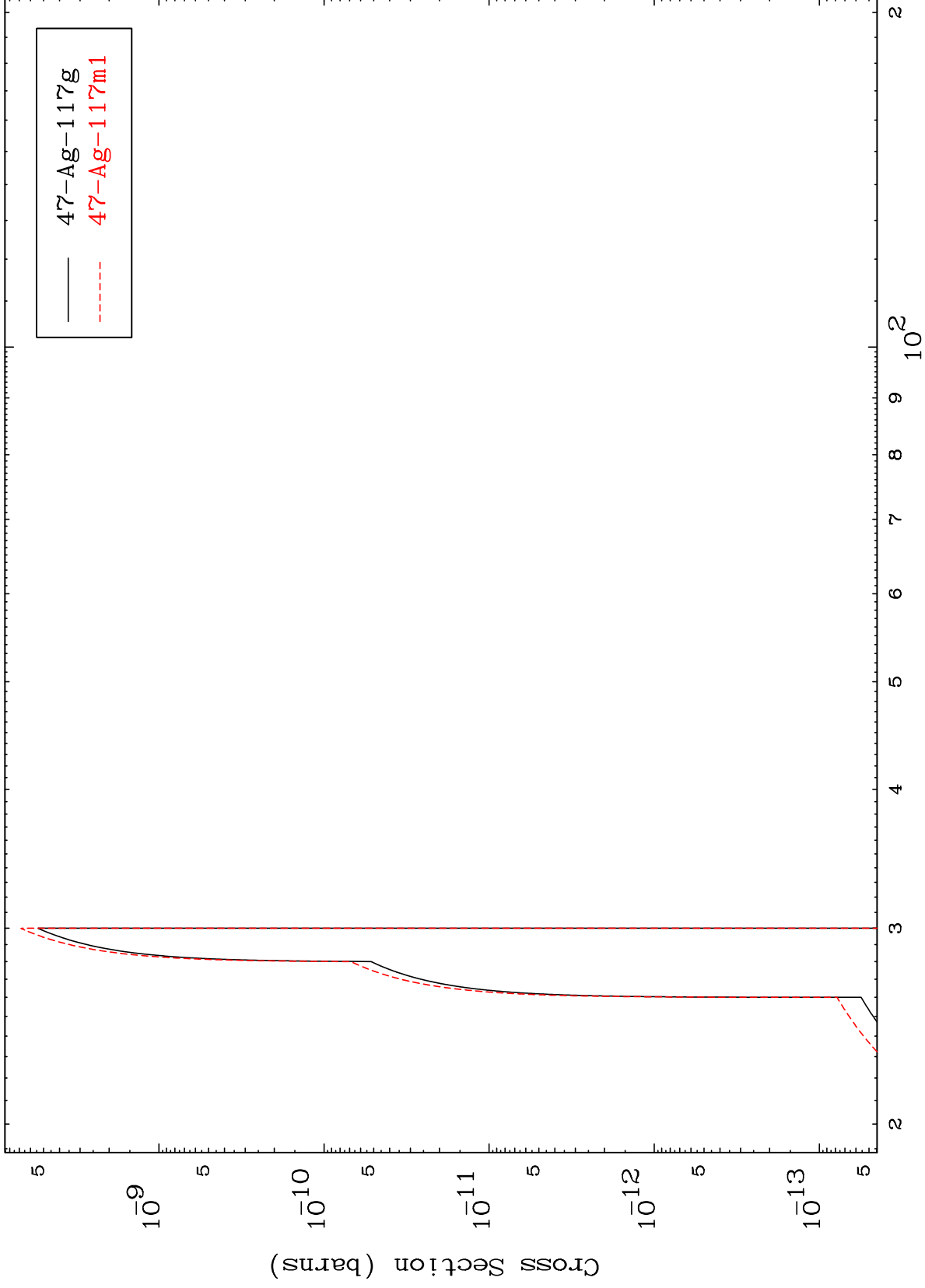
49-In-123m

MAT 4956

(n,2n) α

49-In-123m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

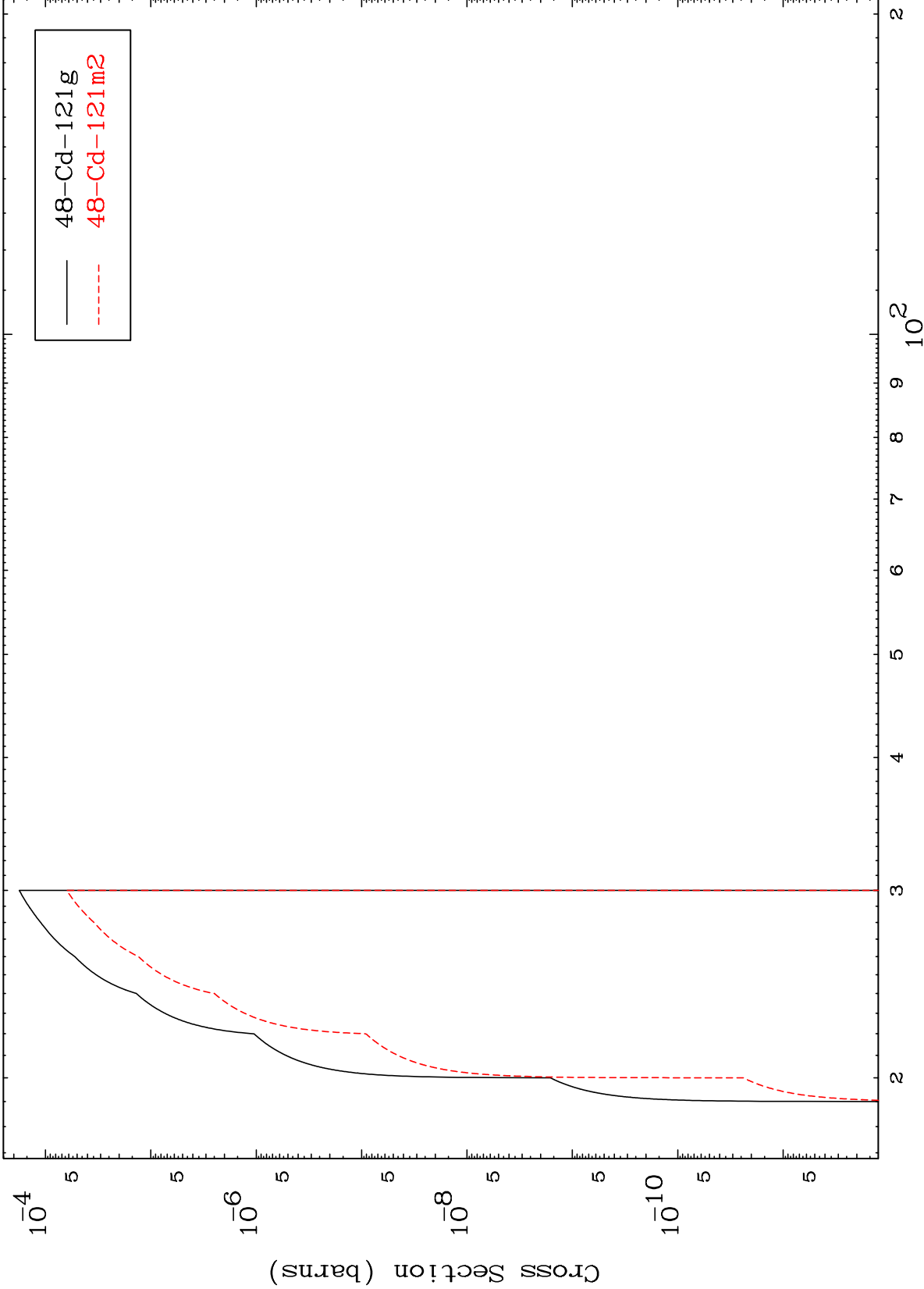
49-In-123m

MAT 4956

(n,n') p

49-In-123m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

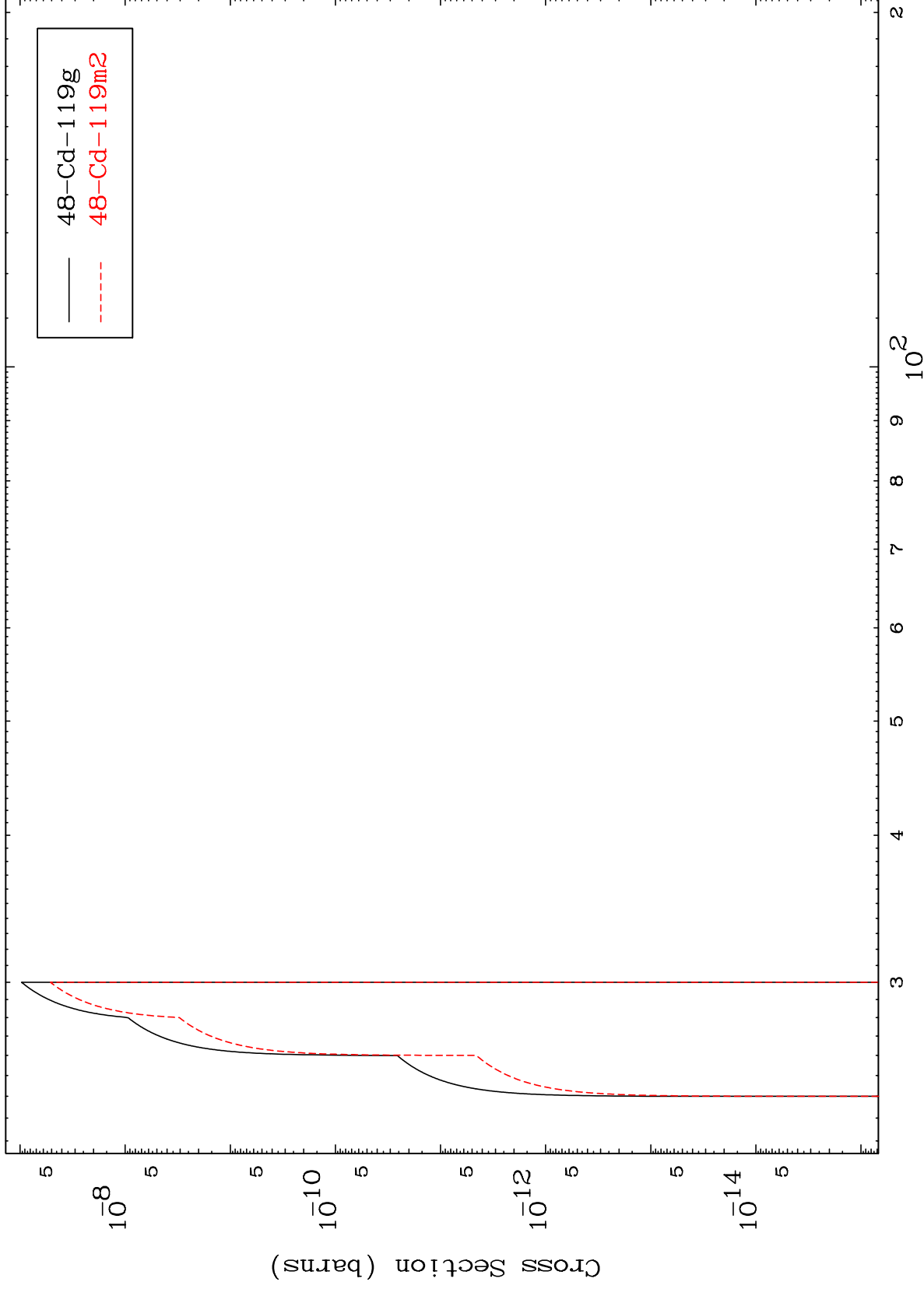
49-In-123m

MAT 4956

(n,n') t

49-In-123m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

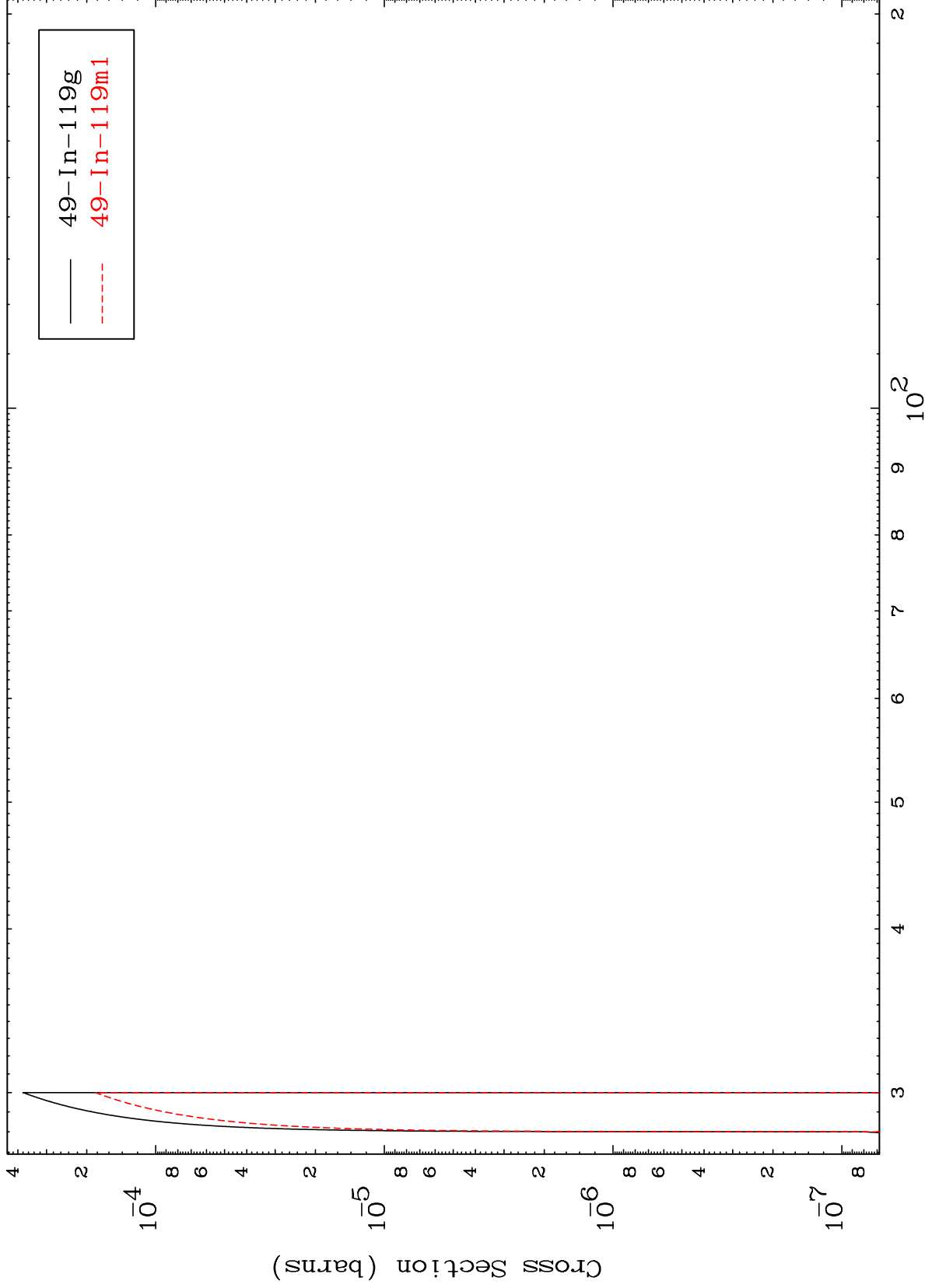
49-In-123m

MAT 4956

(n,4n)

49-In-123m

Radionuclide Production Cross Section



17

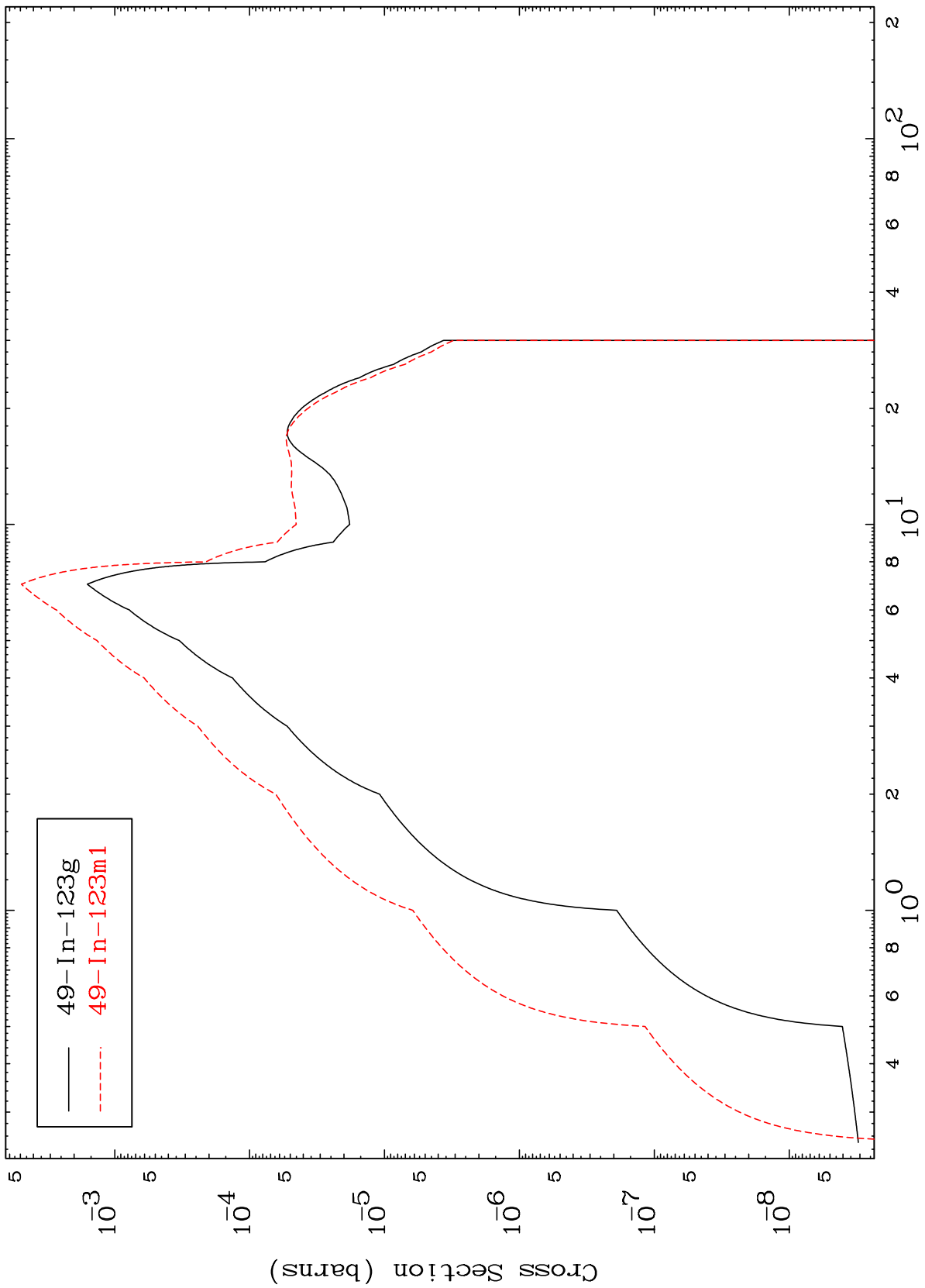
Incident Energy (MeV)

49-In-123m

MAT 4956

49-In-123m

Radionuclide Production Cross Section



49-In-123m

Incident Energy (MeV)

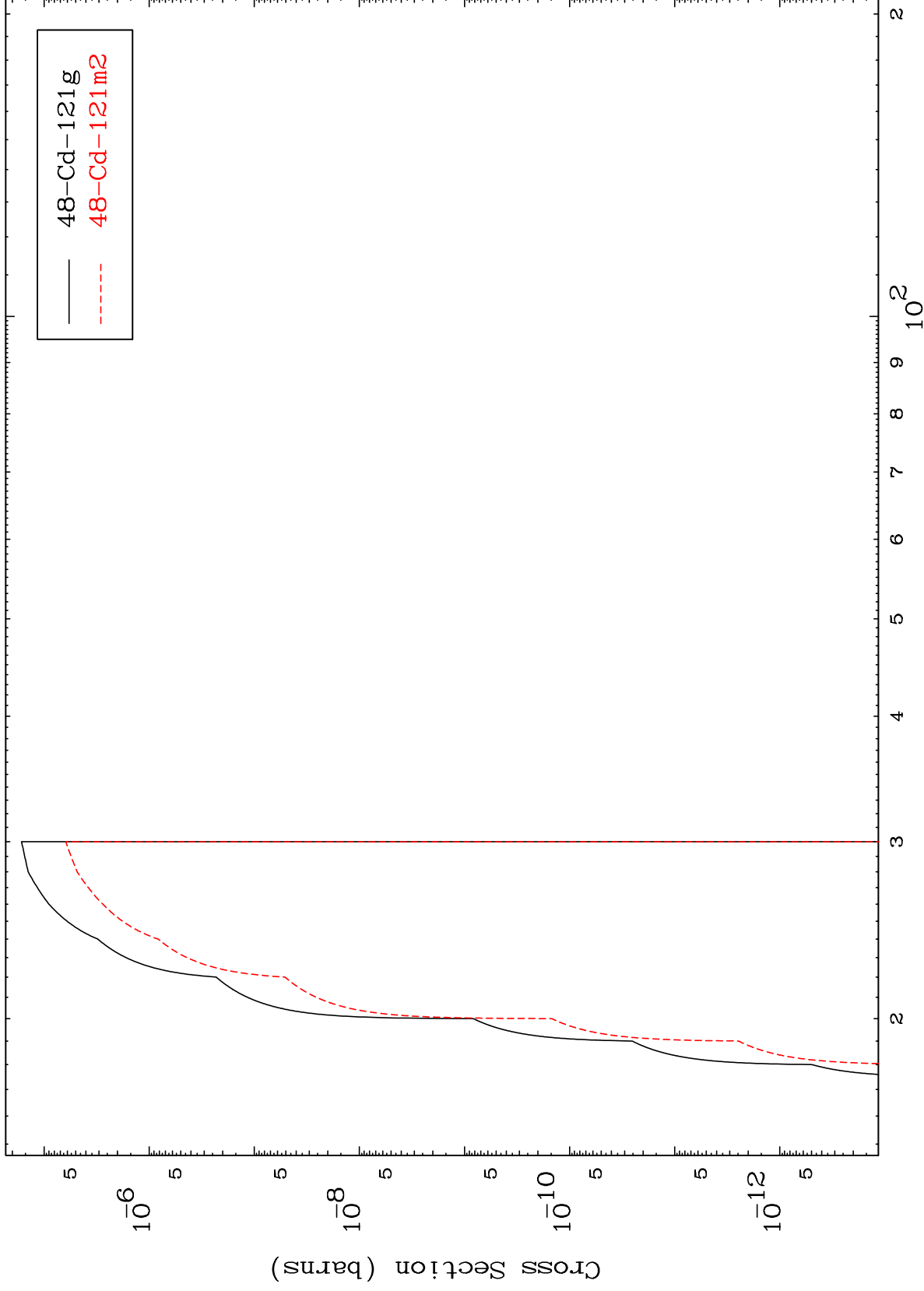
18

MAT 4956

(n,d)

49-In-123m

Radionuclide Production Cross Section



19

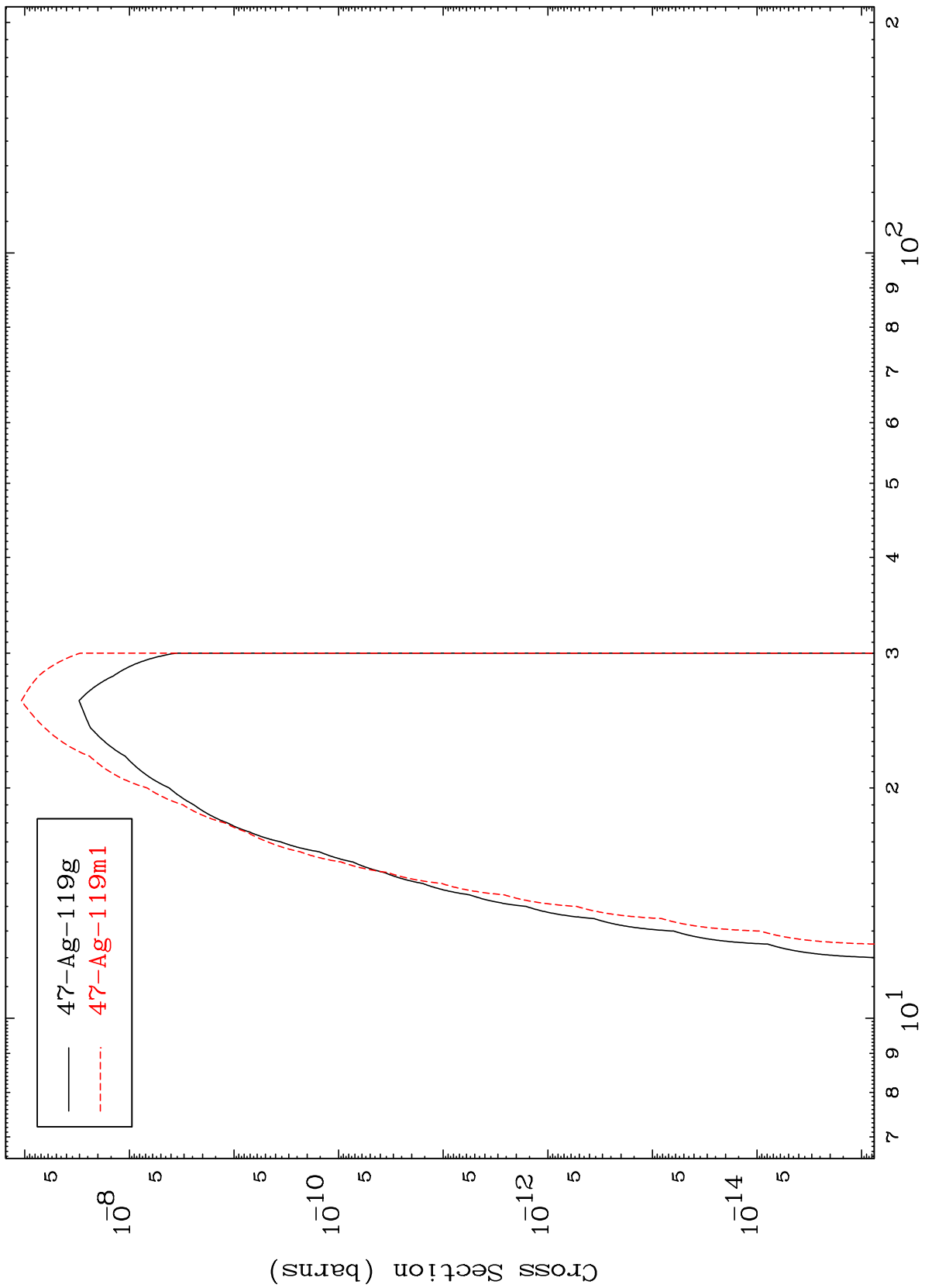
Incident Energy (MeV)

49-In-123m

MAT 4956

49-In-123m

(n, α)
Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-123m

20