

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

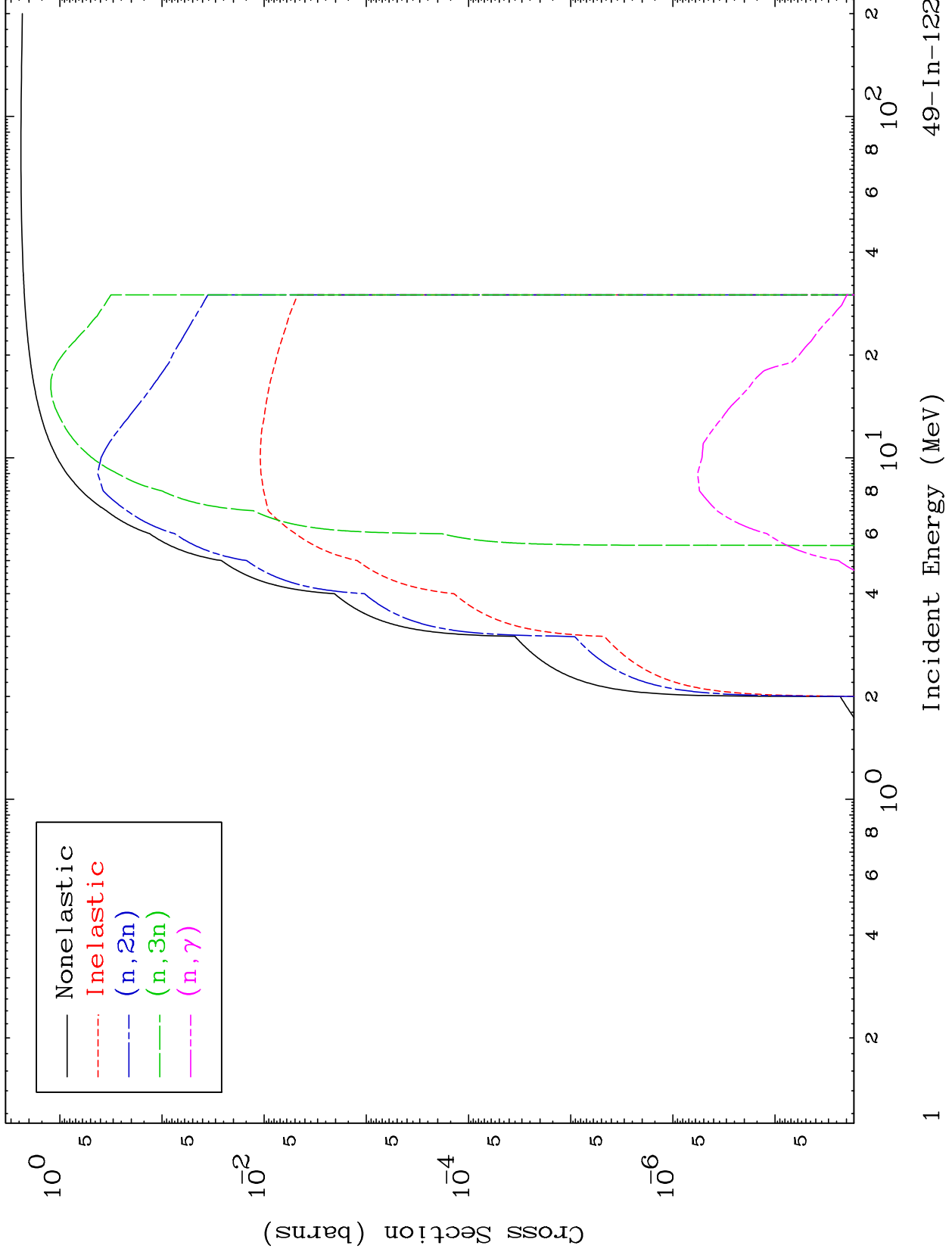
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

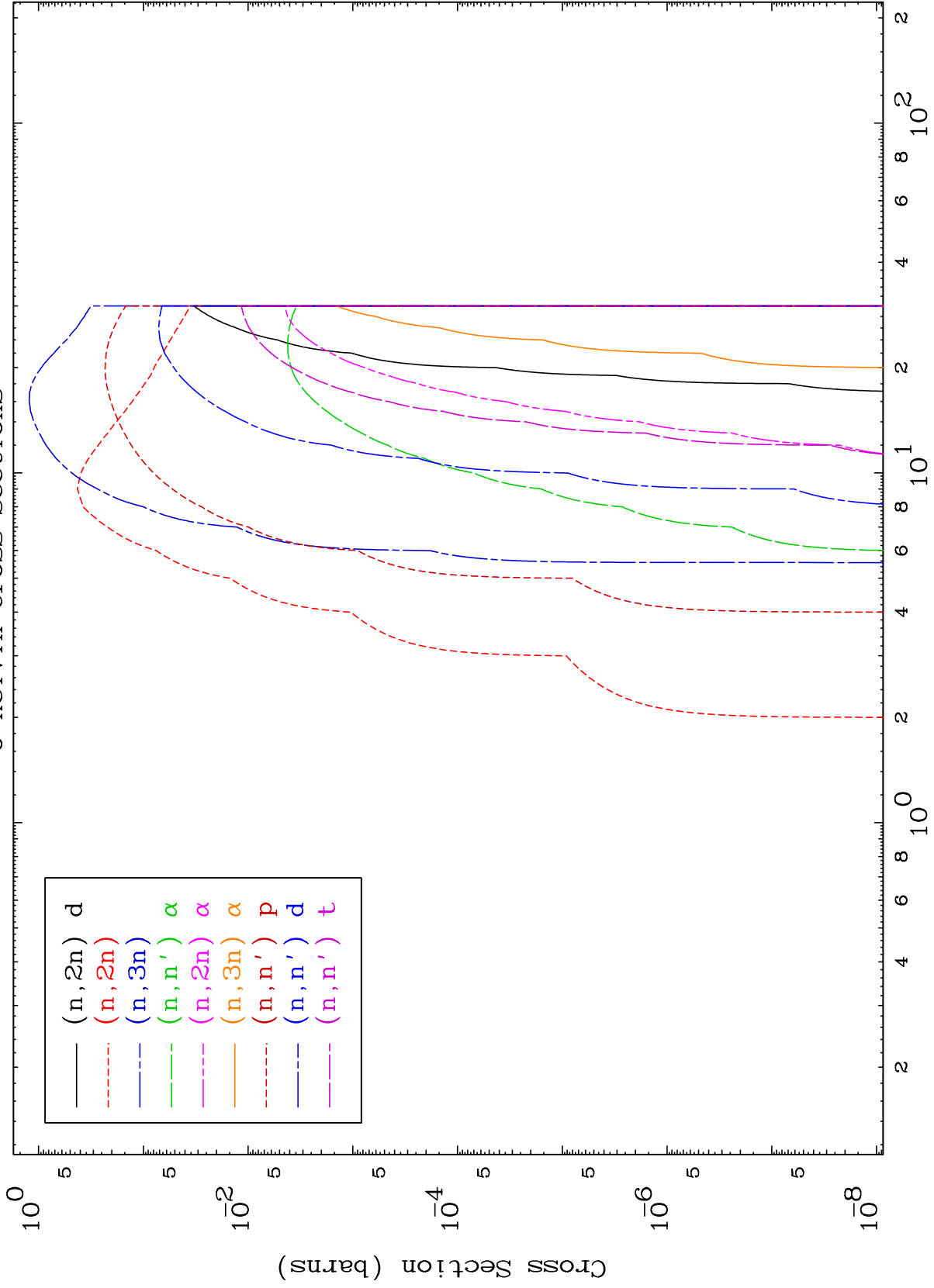
Tele: 925-443-1911

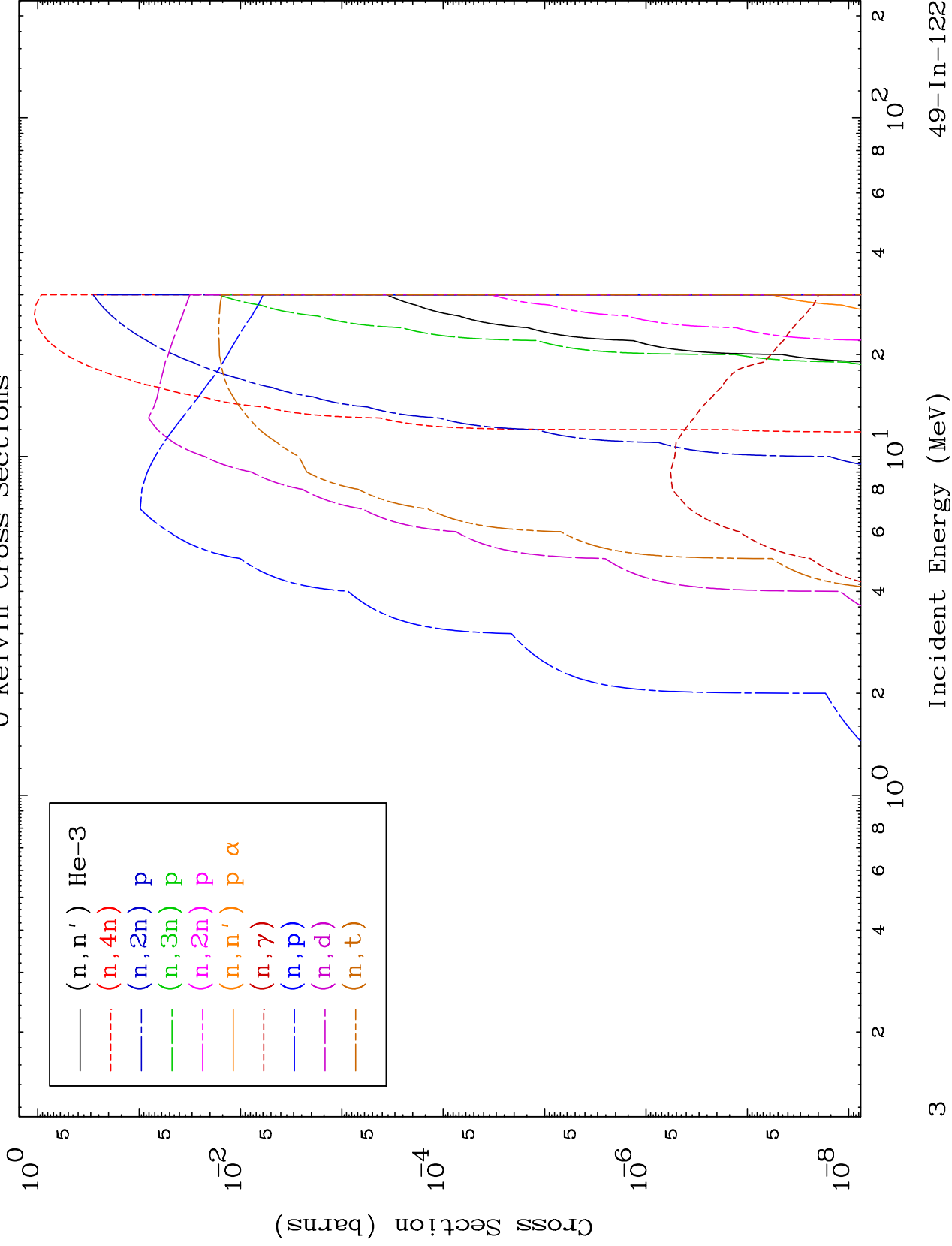
E.Mail: redcullen1@comcast.net

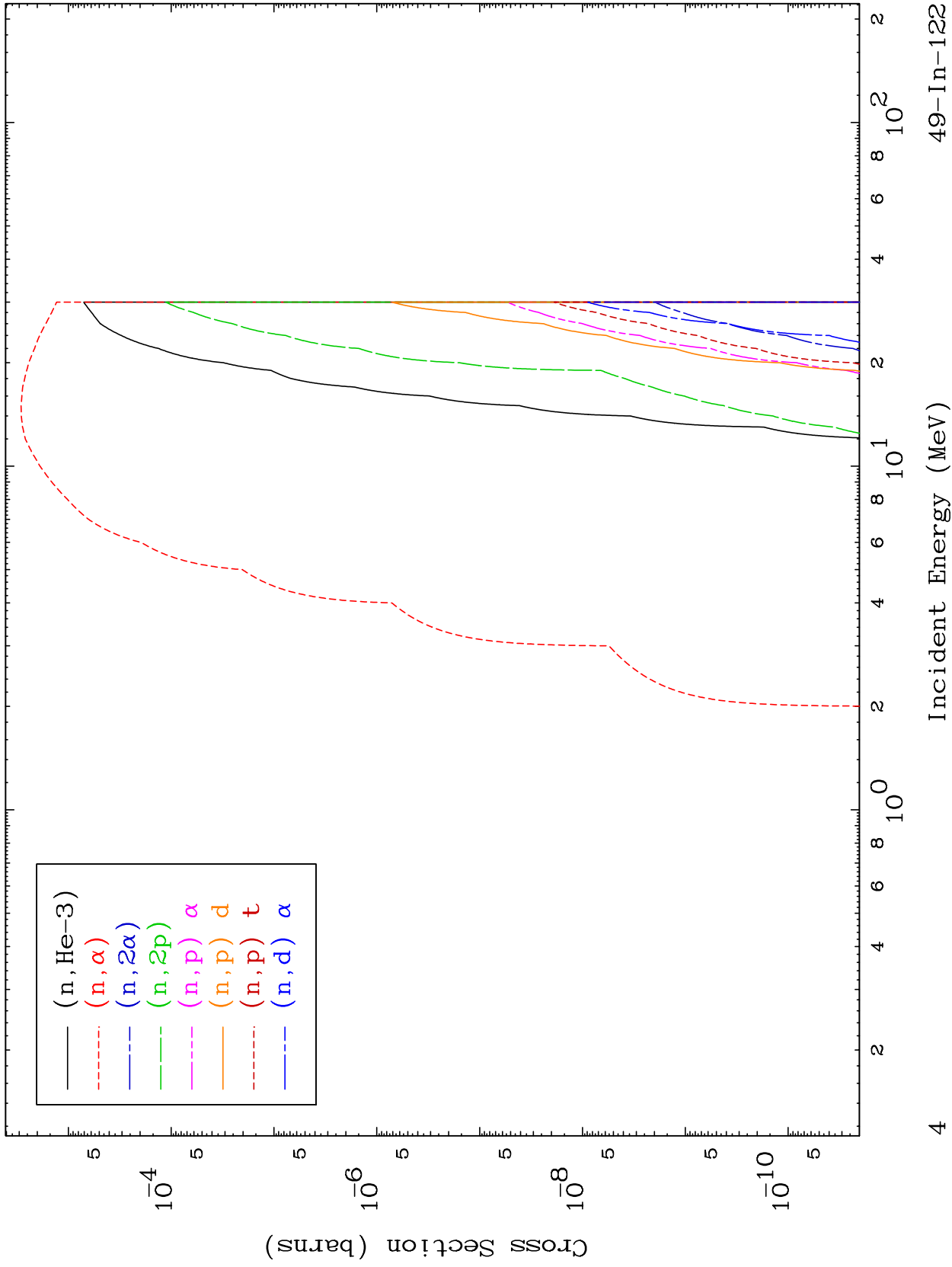
Web: redcullen1.net/HOMEPAGE.NEW

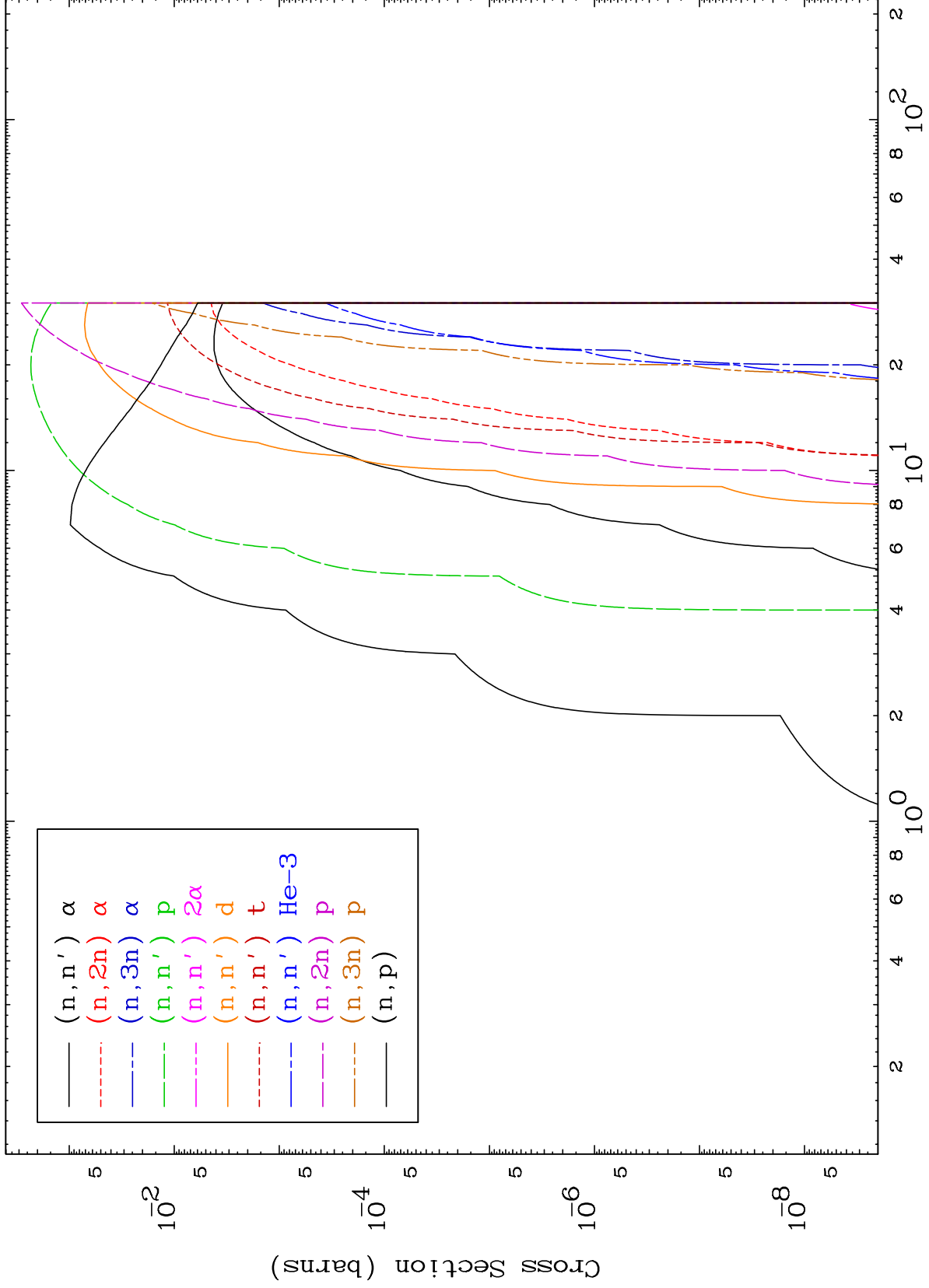
Press Mouse Button to Start

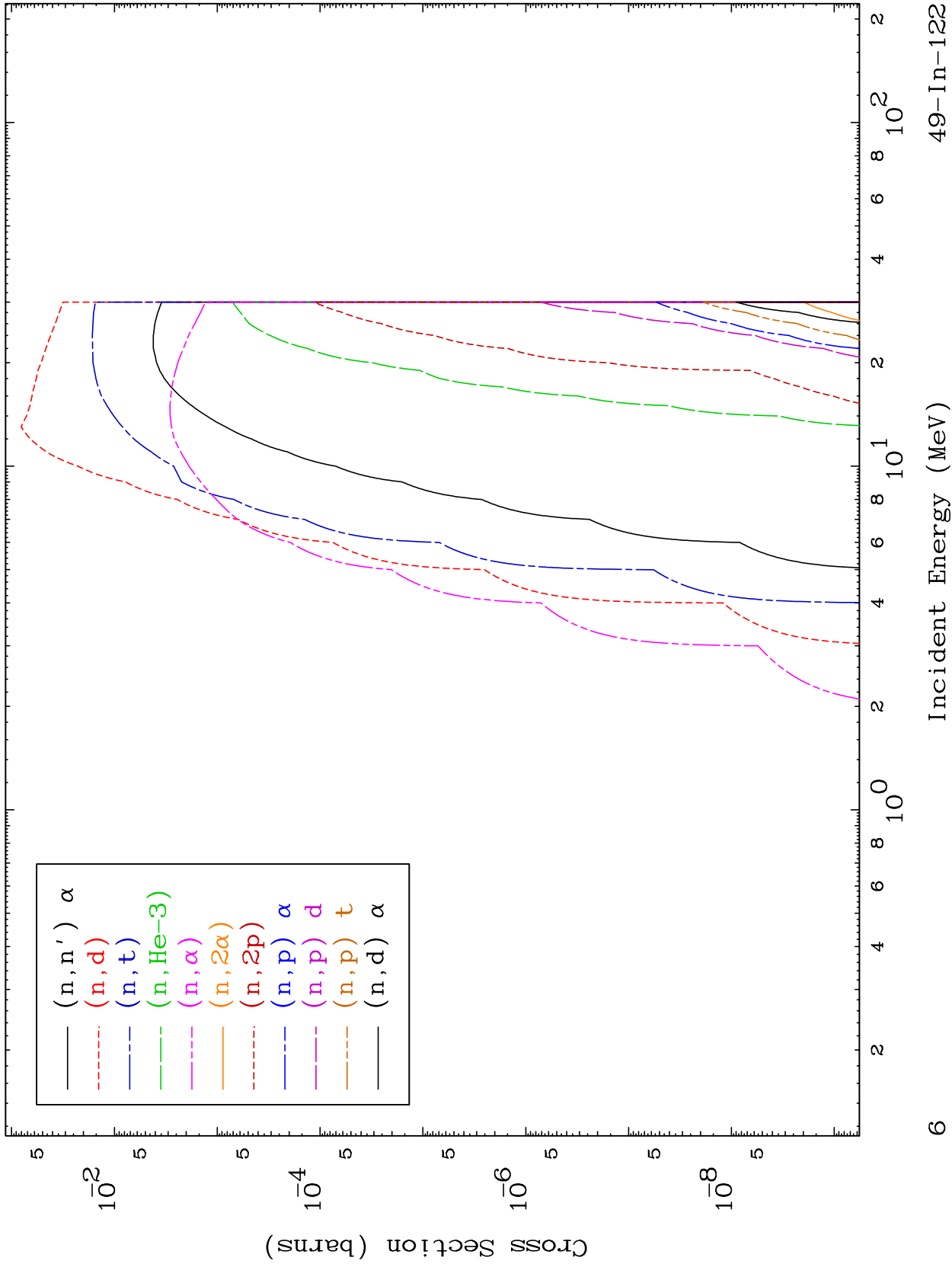










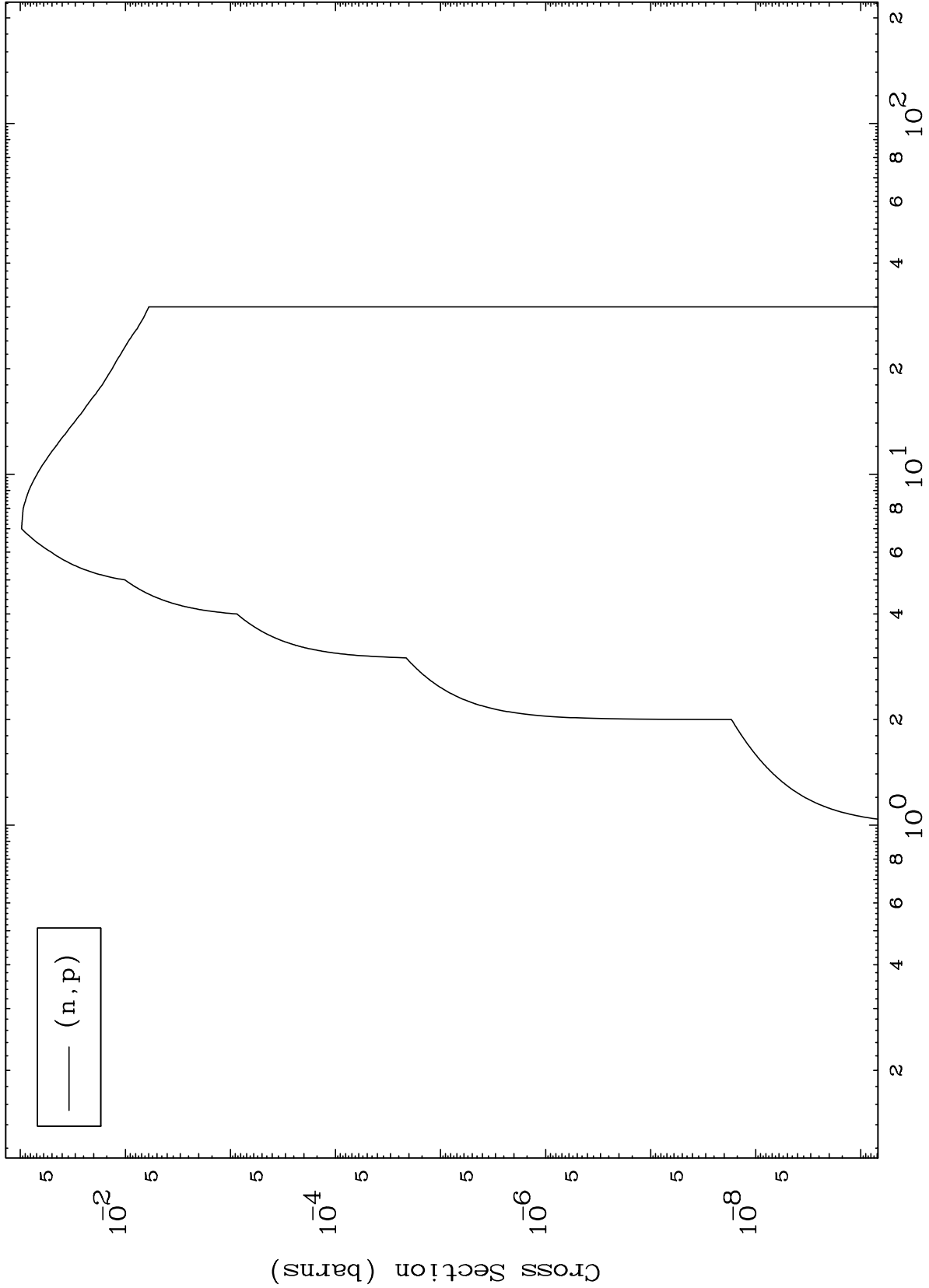


MAT 4952

(d,p) Levels

49-In-122

0 Kelvin Cross Sections

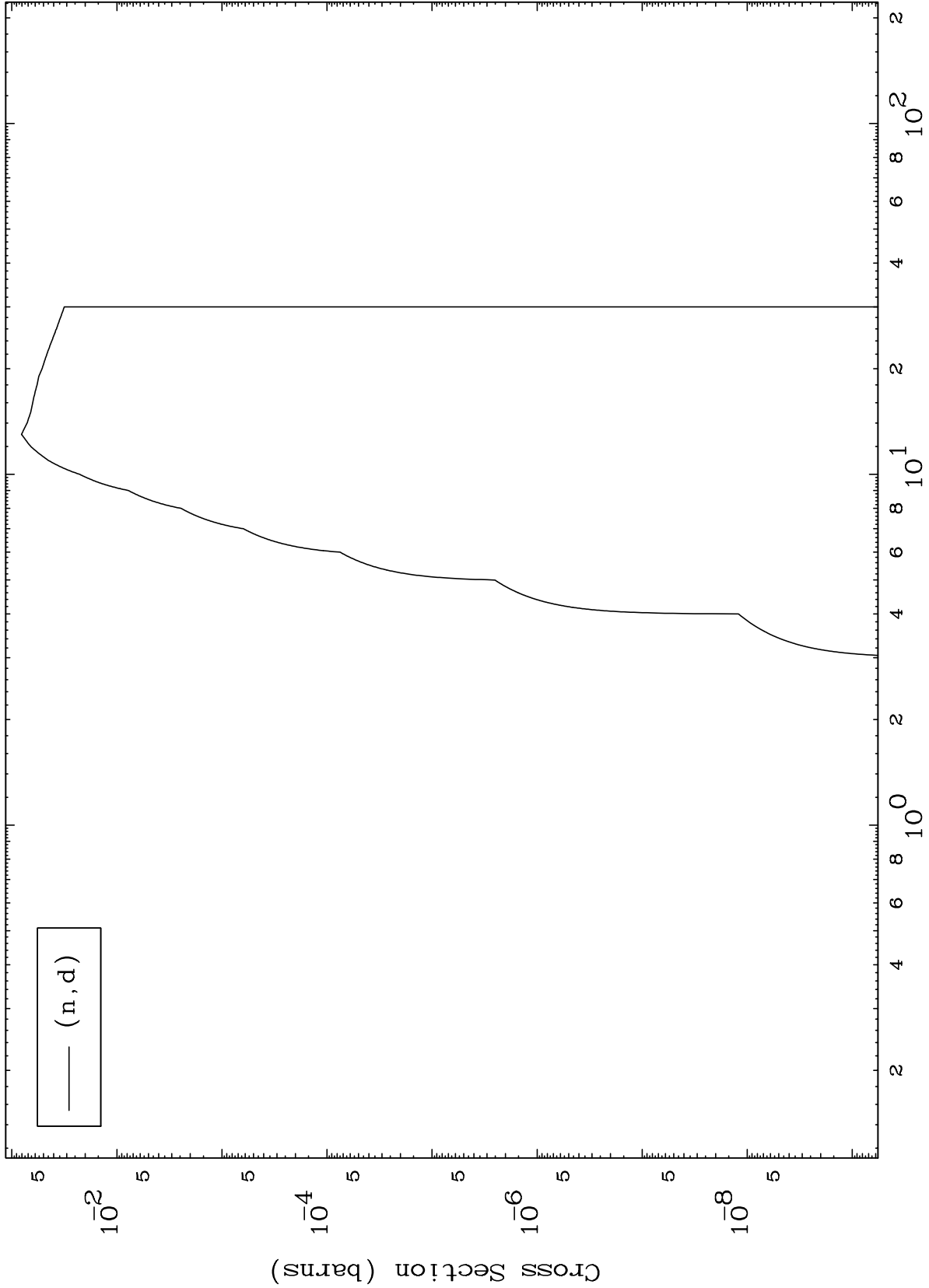


MAT 4952

(d,d) Levels

49-In-122

0 Kelvin Cross Sections

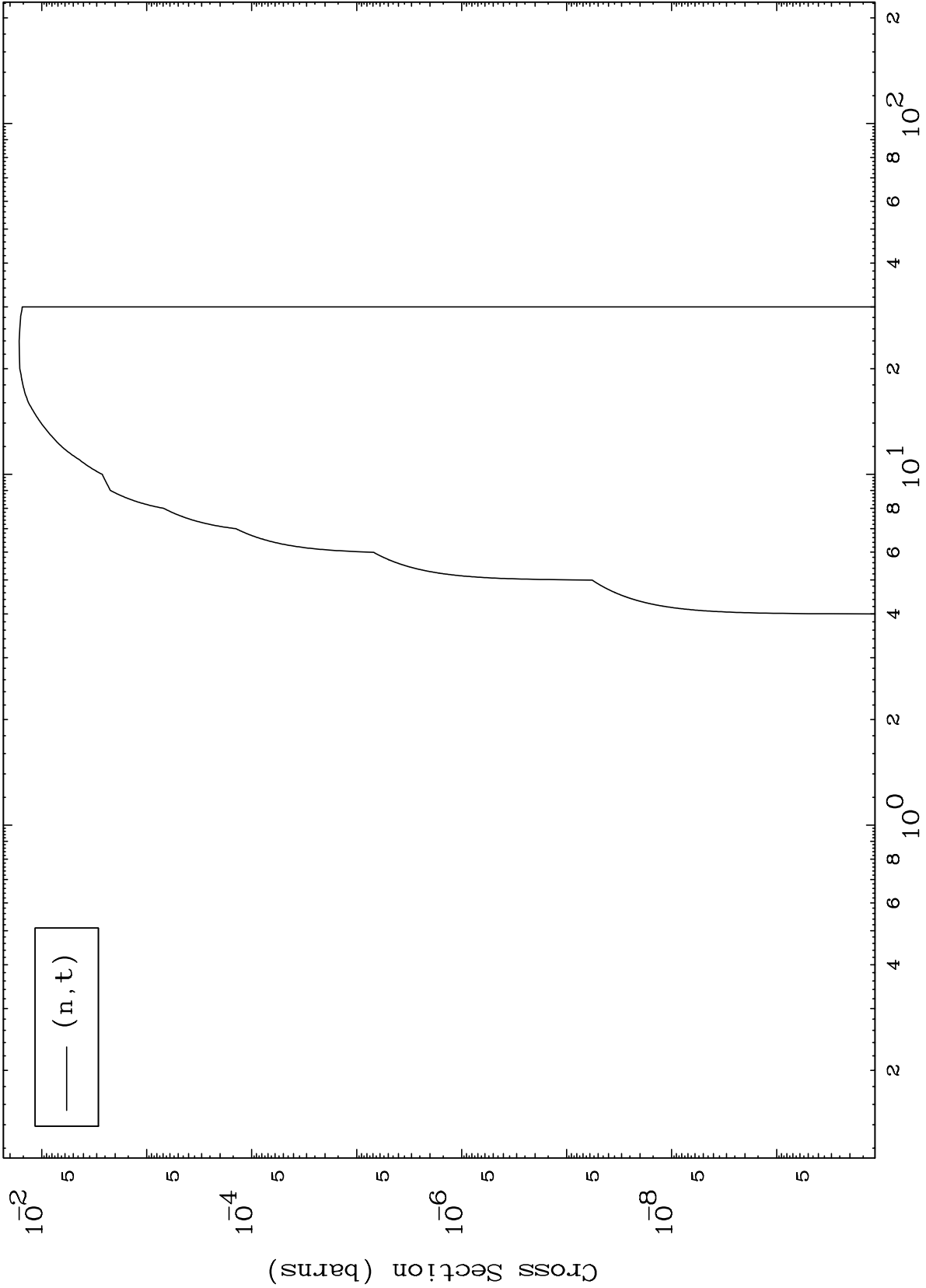


MAT 4952

(d, t) Levels

49-In-122

0 Kelvin Cross Sections



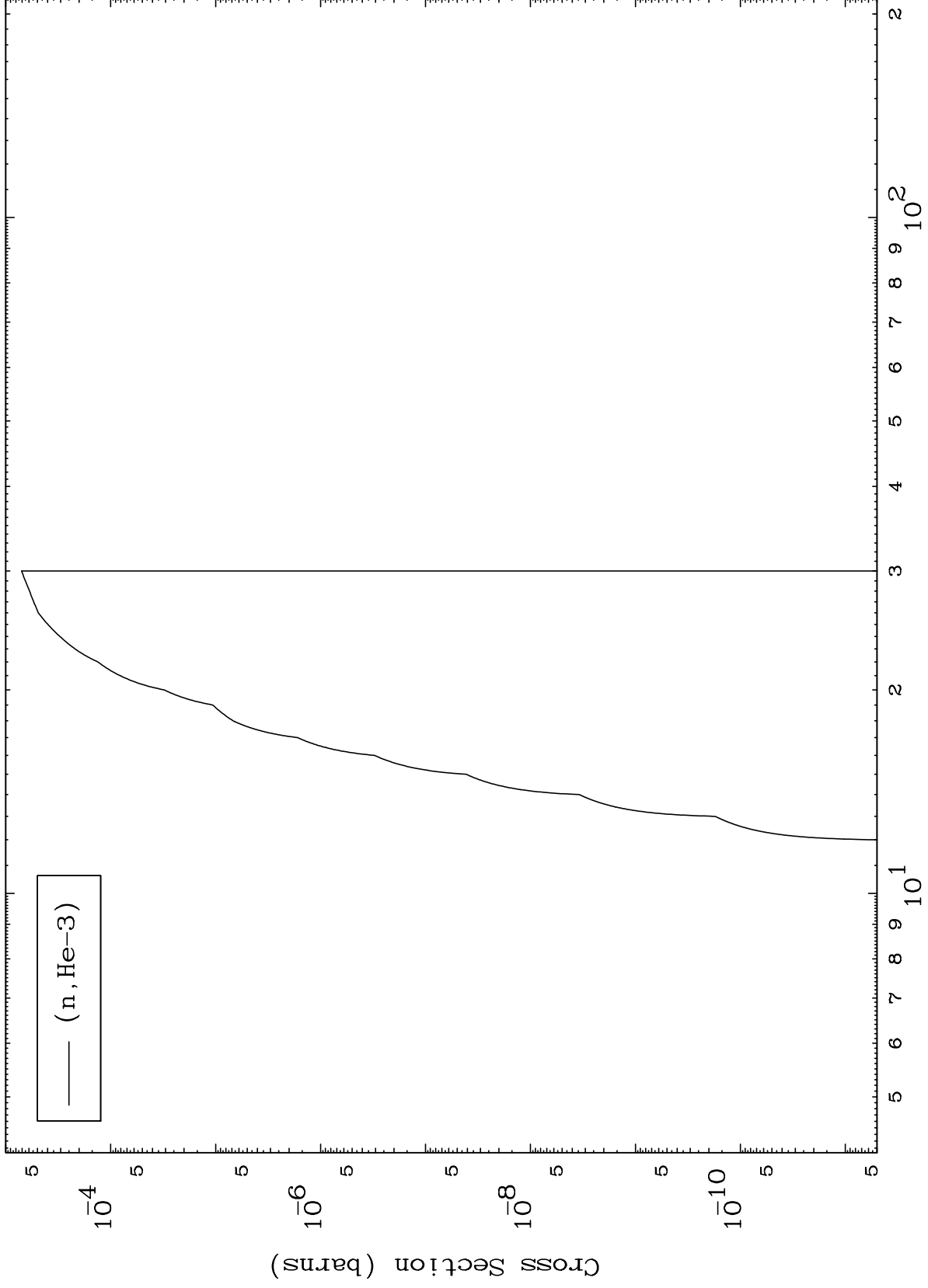
(n, t)

MAT 4952

(d,He3) Levels

49-In-122

0 Kelvin Cross Sections



10

Incident Energy (MeV)

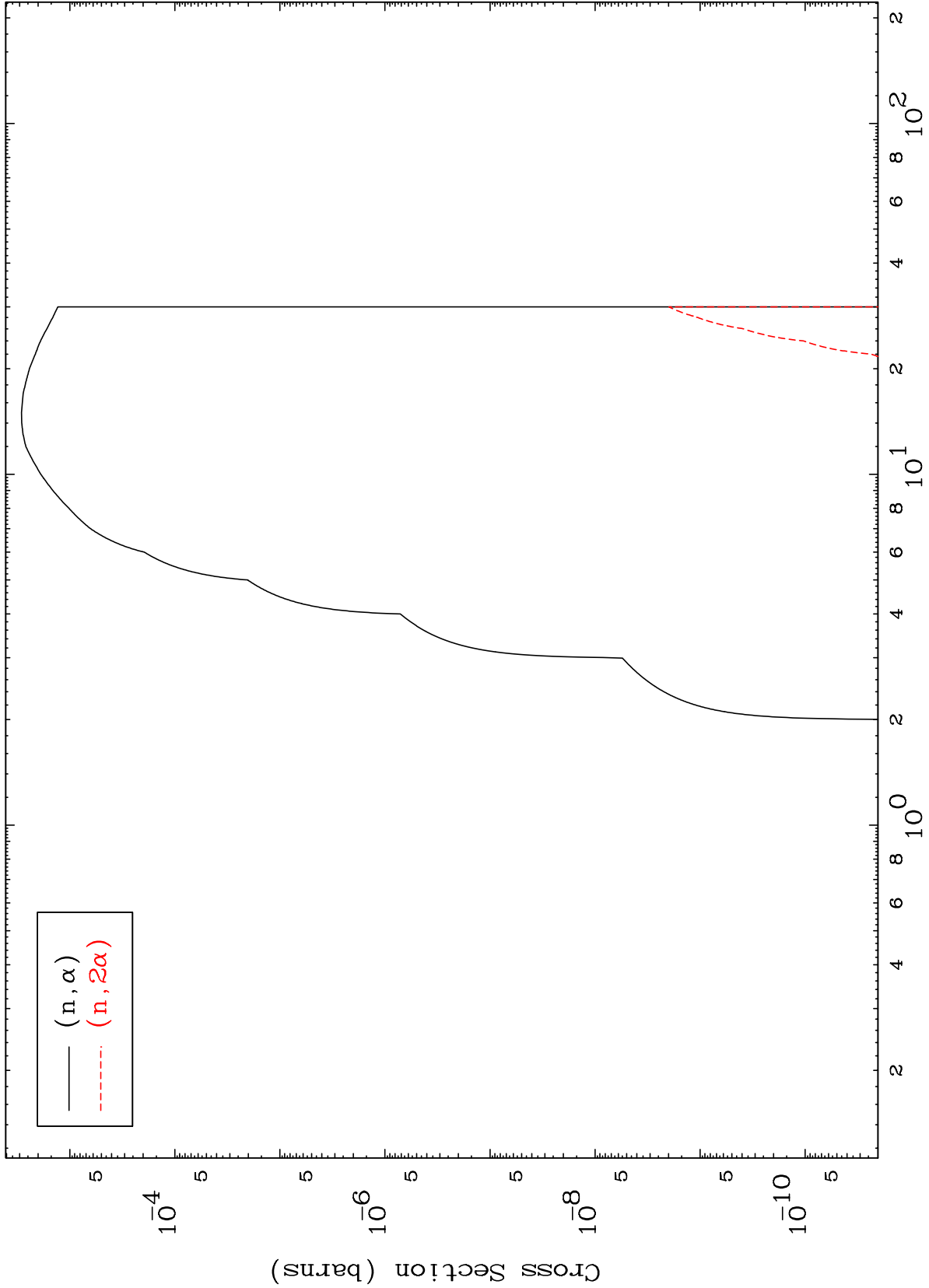
49-In-122

MAT 4952

(d, α) Levels

49-In-122

0 Kelvin Cross Sections

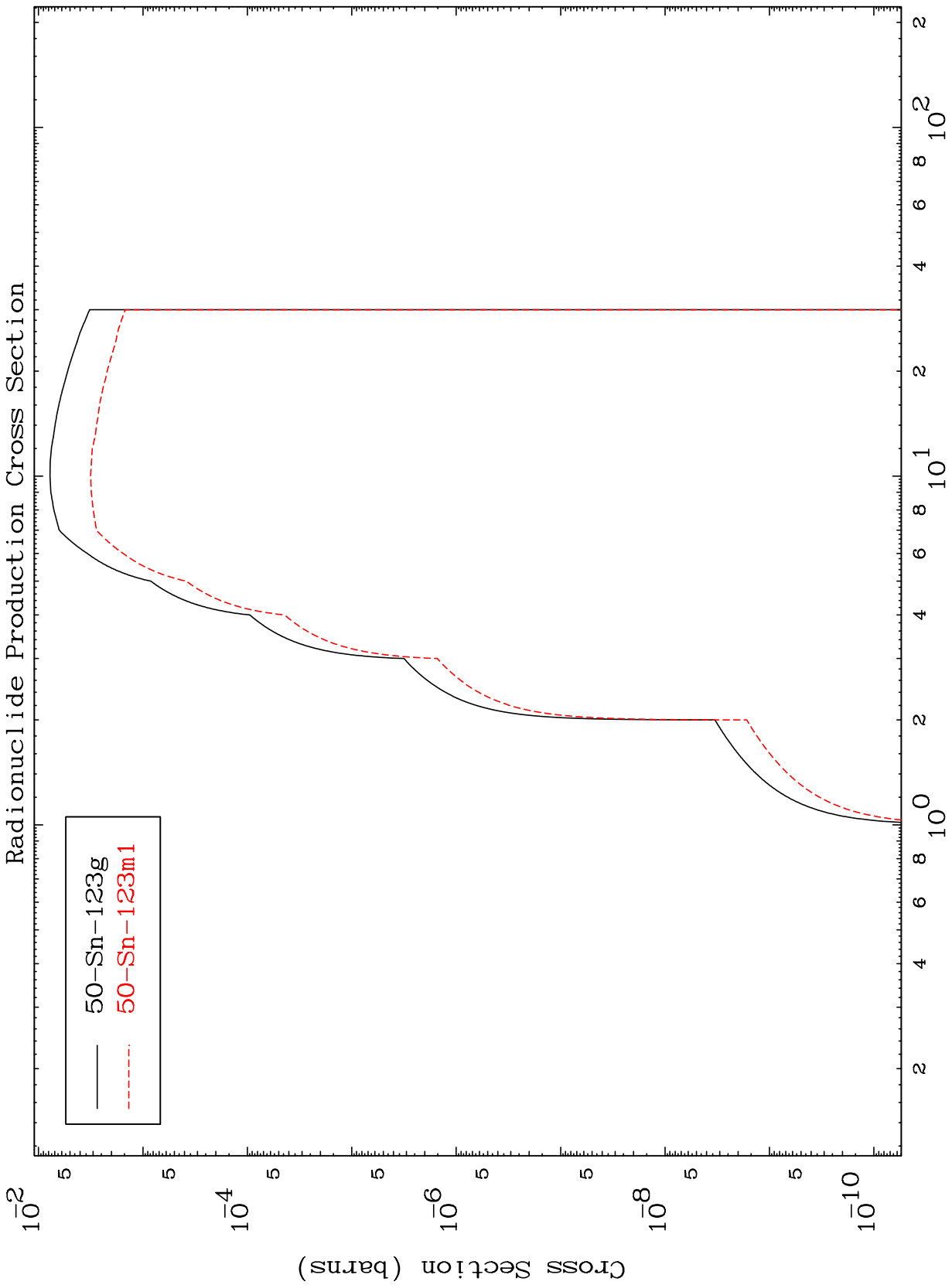


— (n, α)
- - - $(n, 2\alpha)$

MAT 4952

49-In-122

Inelastic
Radionuclide Production Cross Section



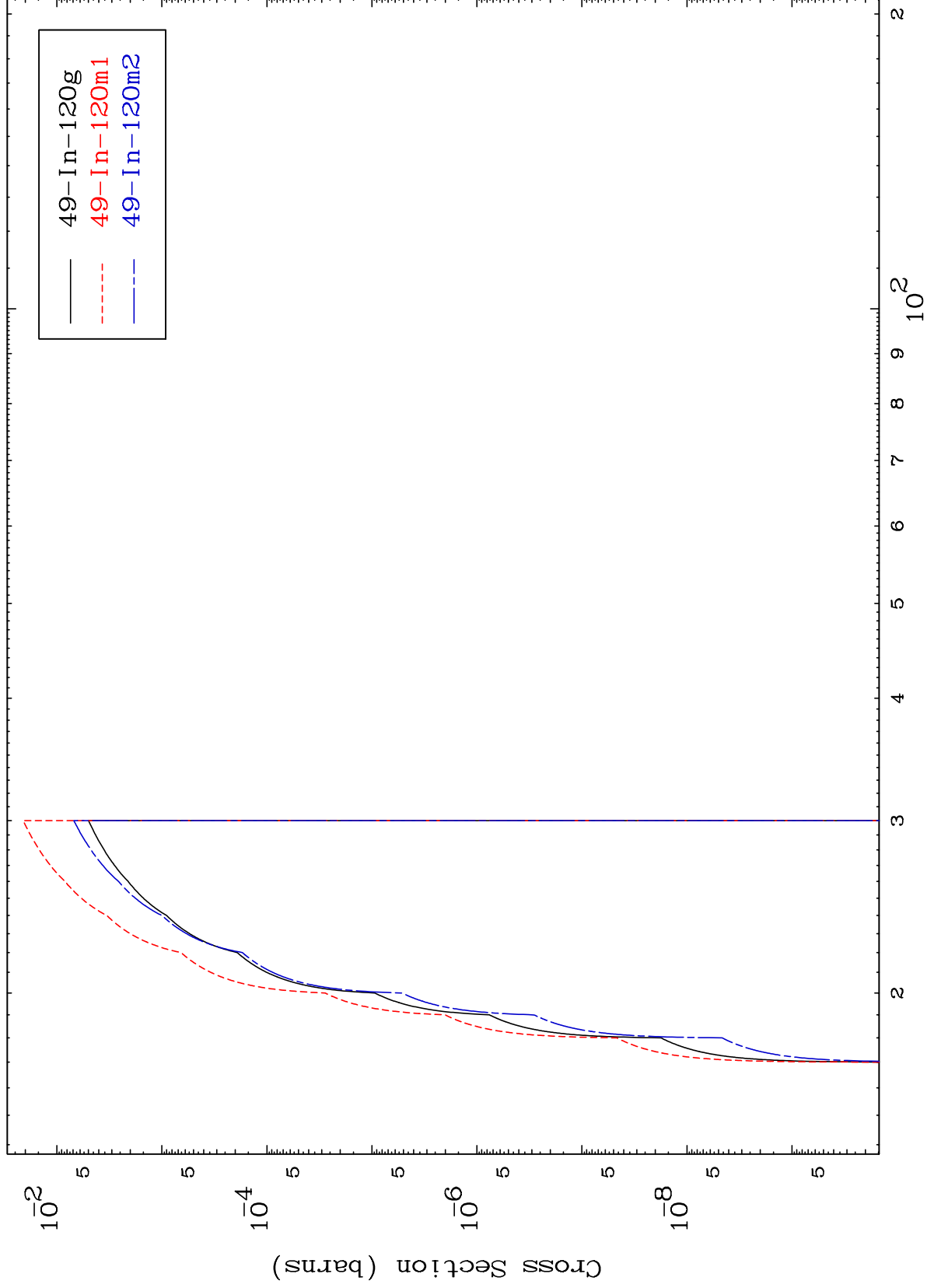
— 50-Sn-123g
- - - 50-Sn-123m1

49-In-122

Incident Energy (MeV)

12

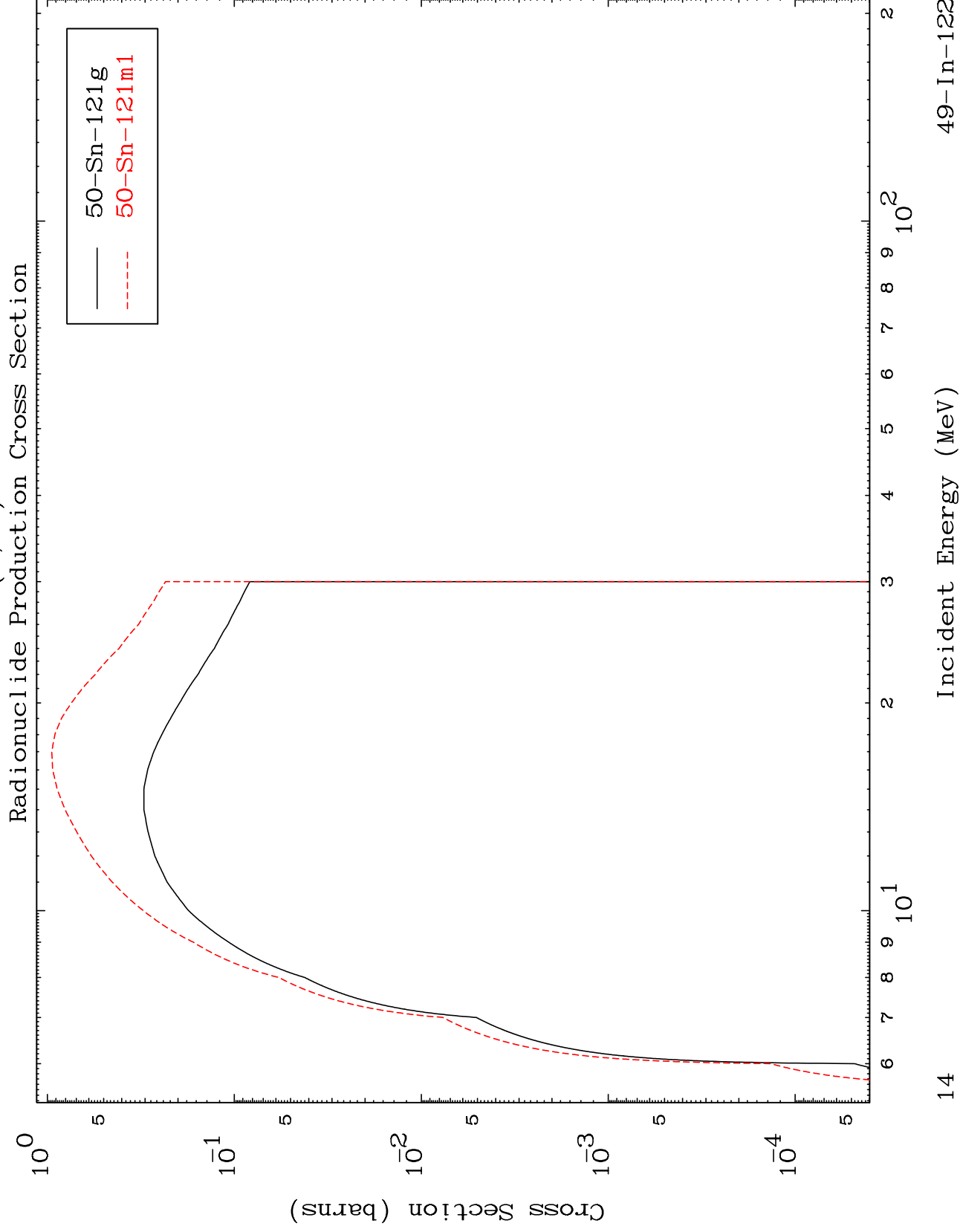
Radionuclide Production Cross Section



MAT 4952

(n,3n)

49-In-122

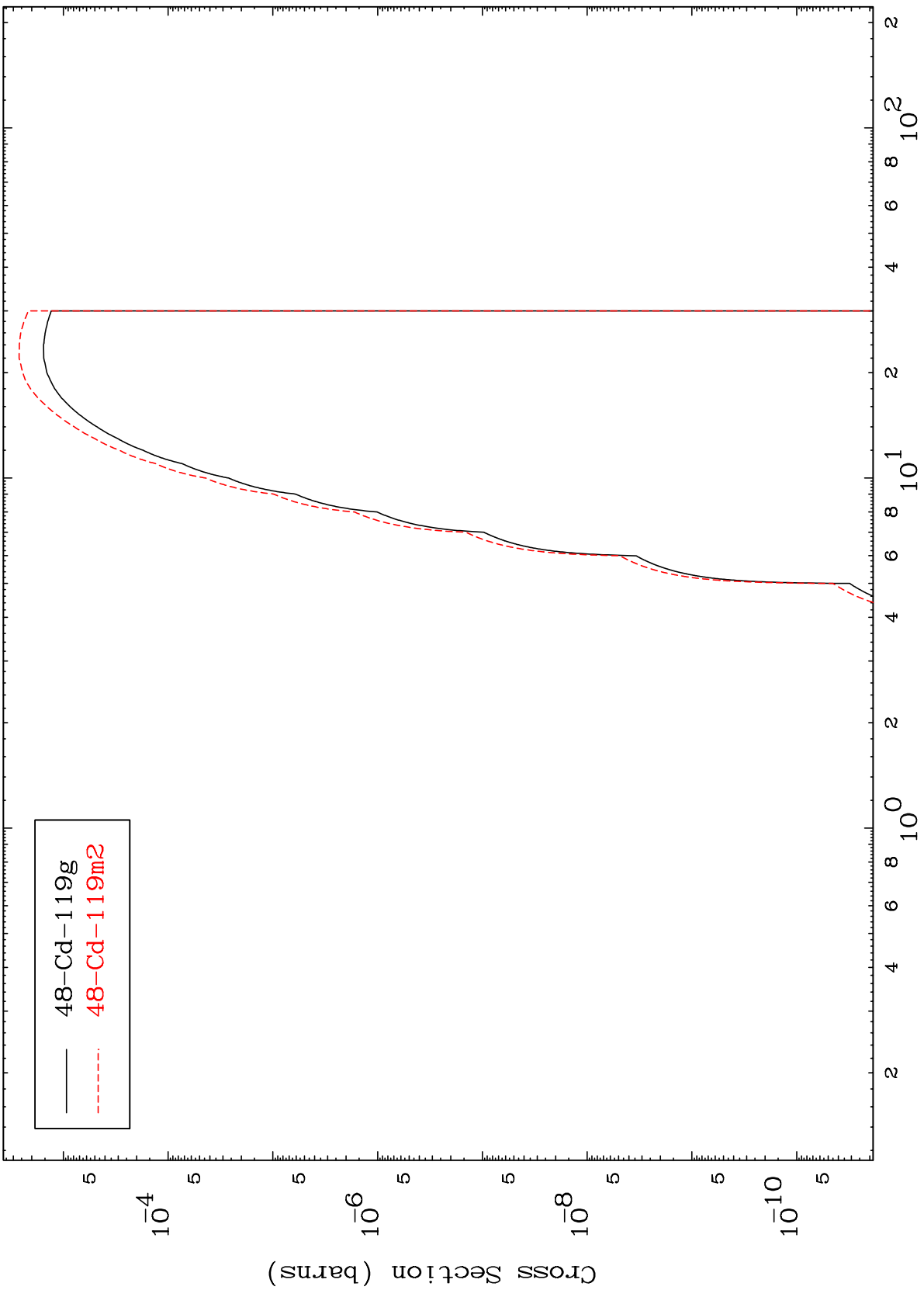


MAT 4952

(n,n') α

49-In-122

Radionuclide Production Cross Section

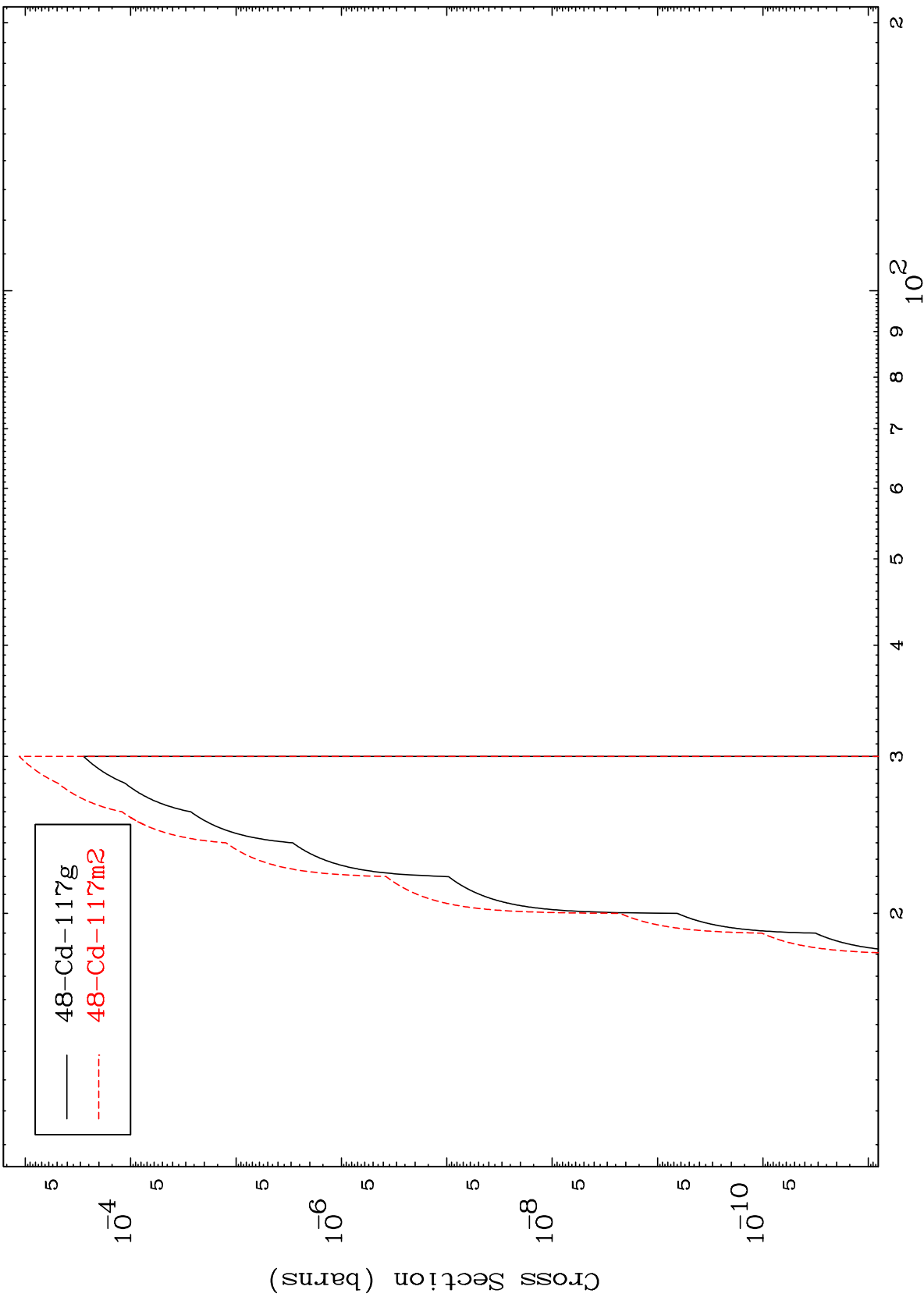


MAT 4952

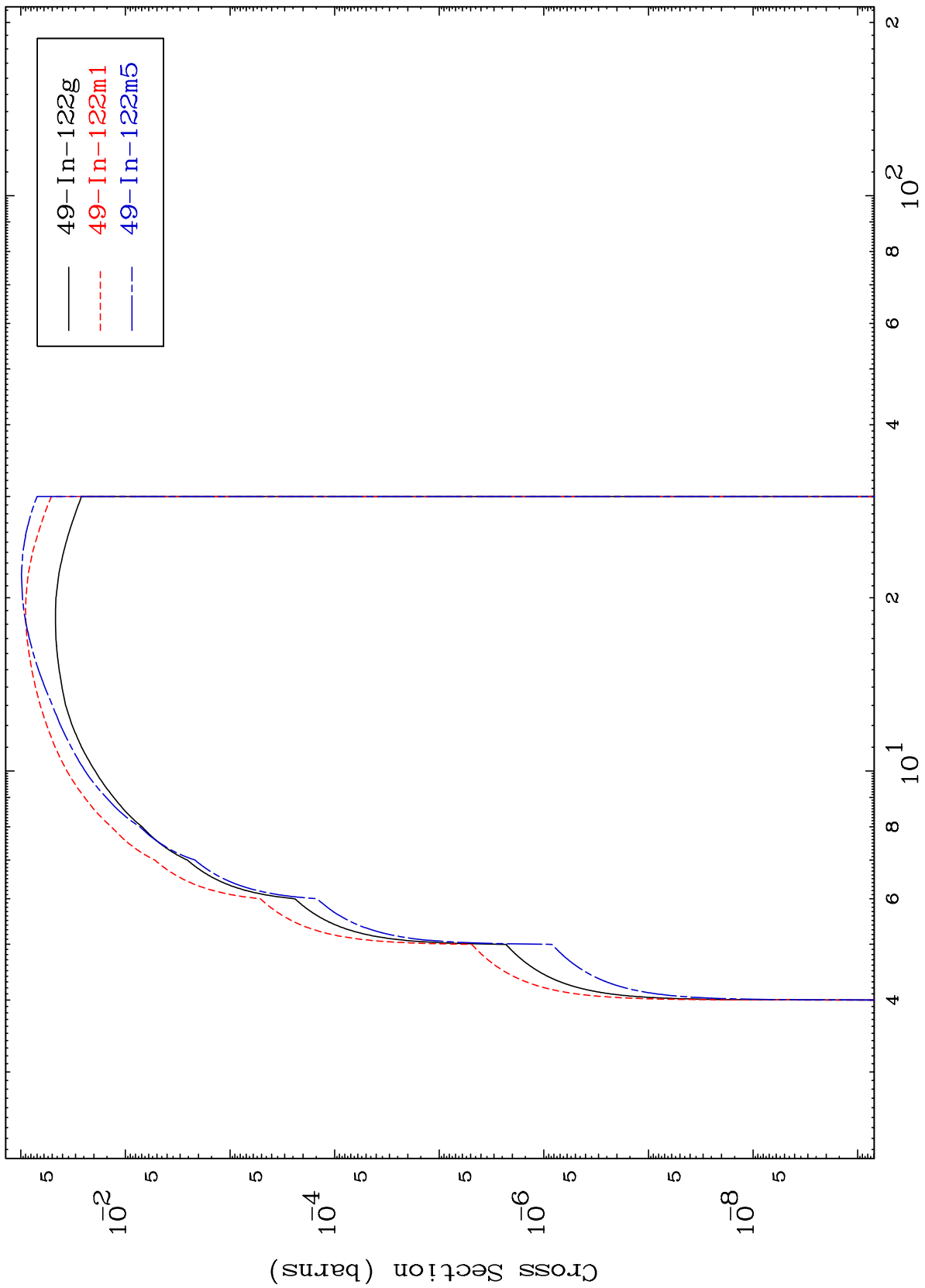
(n,3n) α

49-In-122

Radionuclide Production Cross Section



Radionuclide Production Cross Section

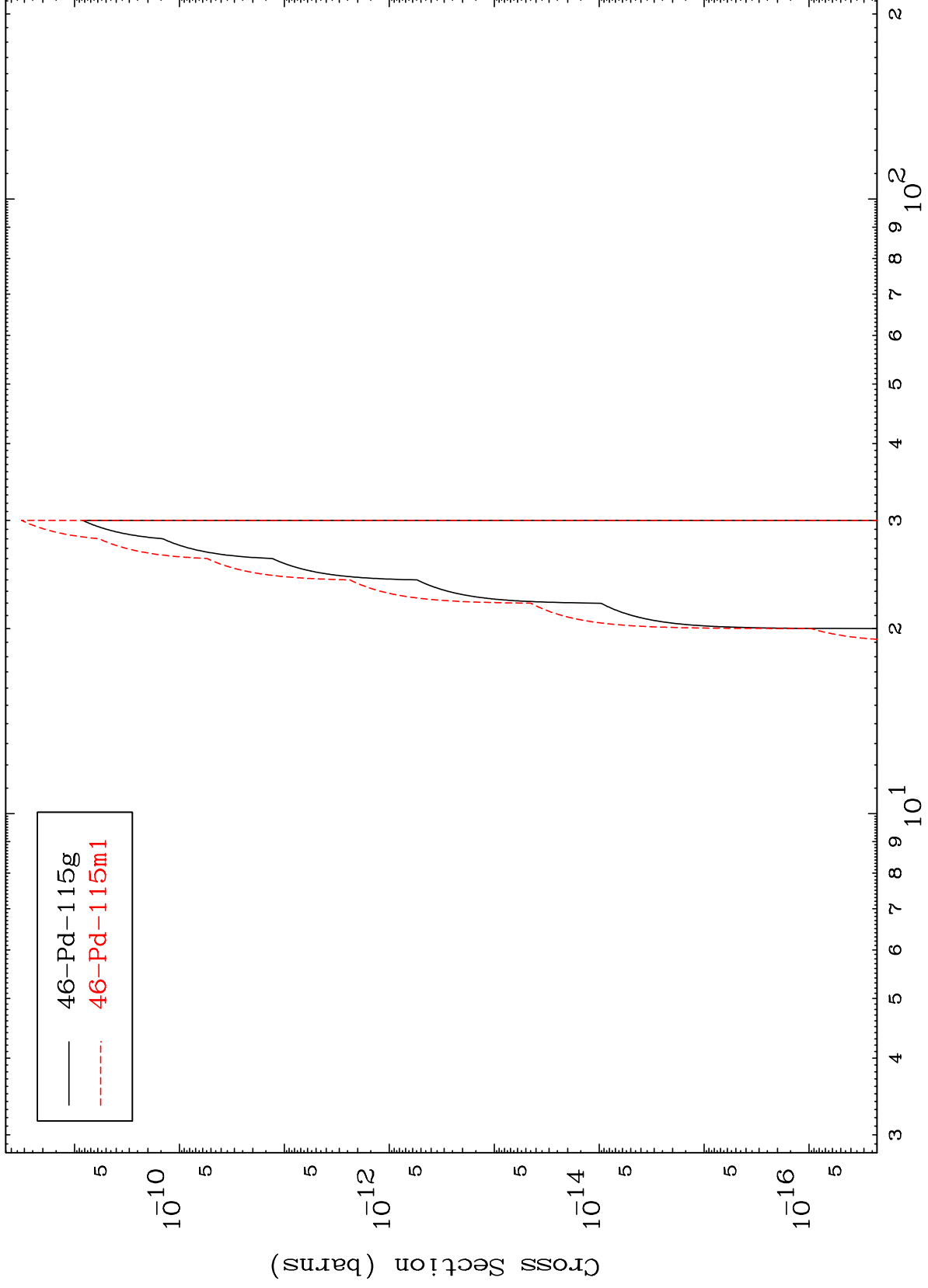


MAT 4952

(n,n') 2α

49-In-122

Radionuclide Production Cross Section



18

Incident Energy (MeV)

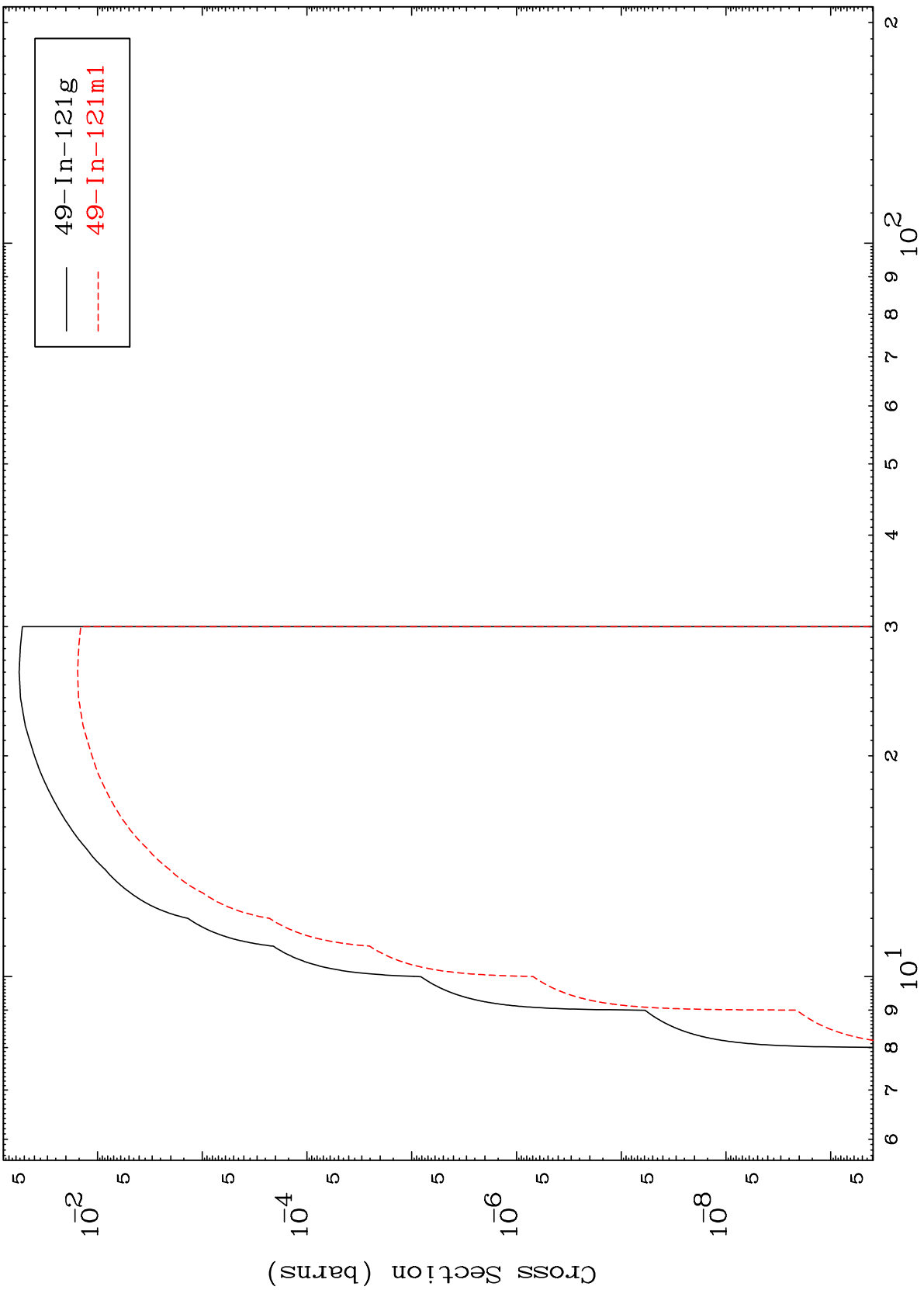
49-In-122

MAT 4952

(n,n') d

49-In-122

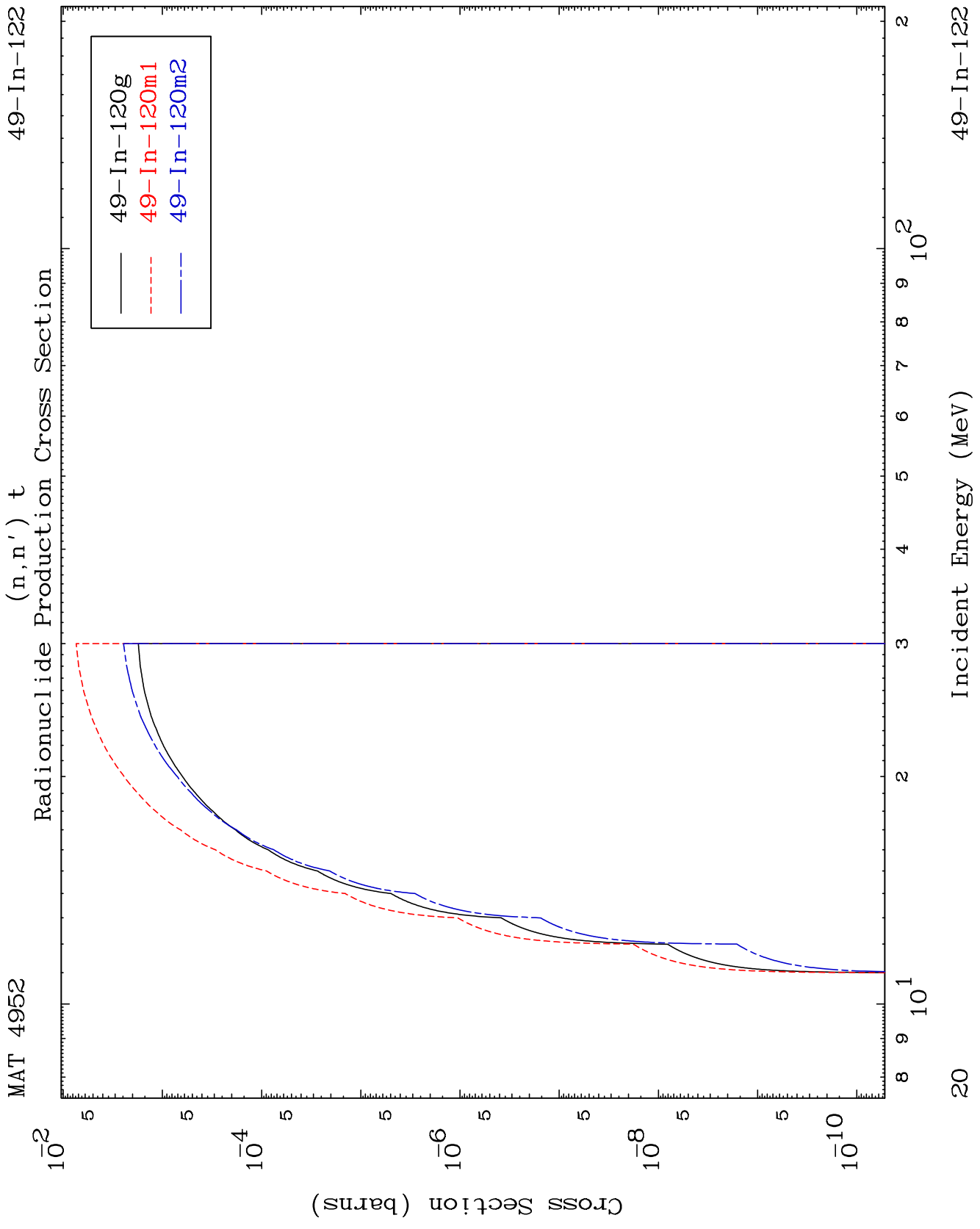
Radionuclide Production Cross Section



19

Incident Energy (MeV)

49-In-122

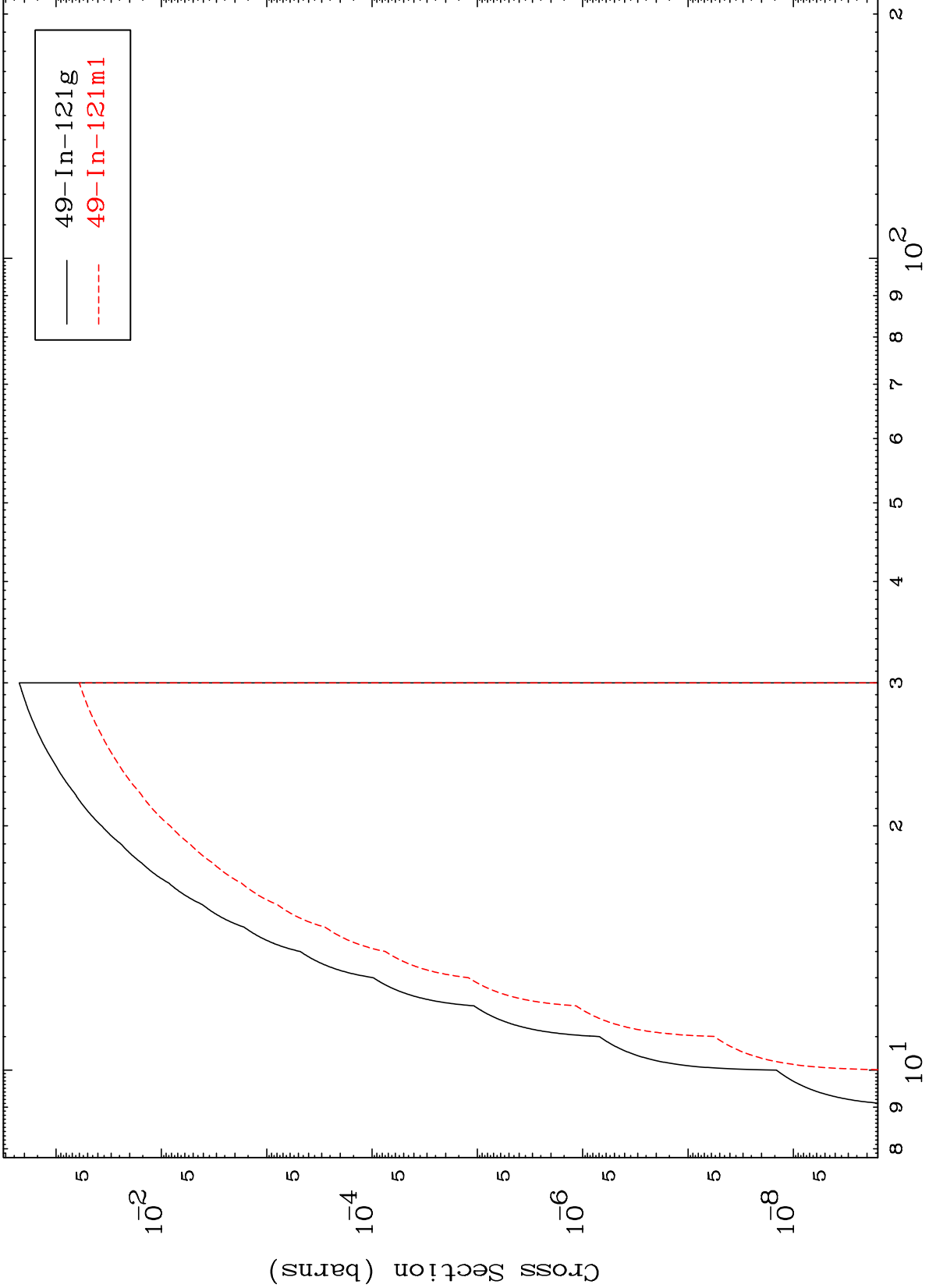


MAT 4952

(n,2n) p

49-In-122

Radionuclide Production Cross Section

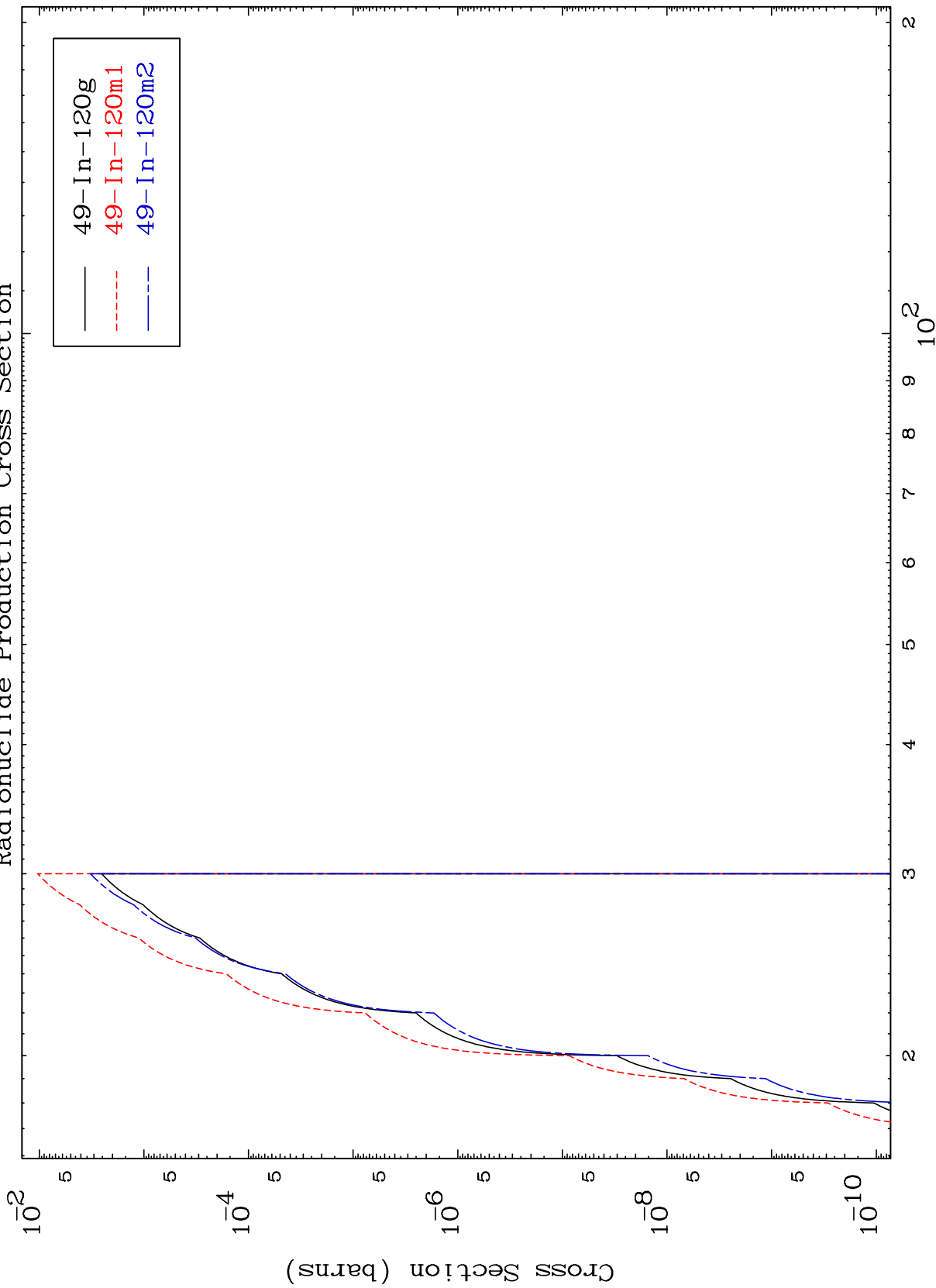


21

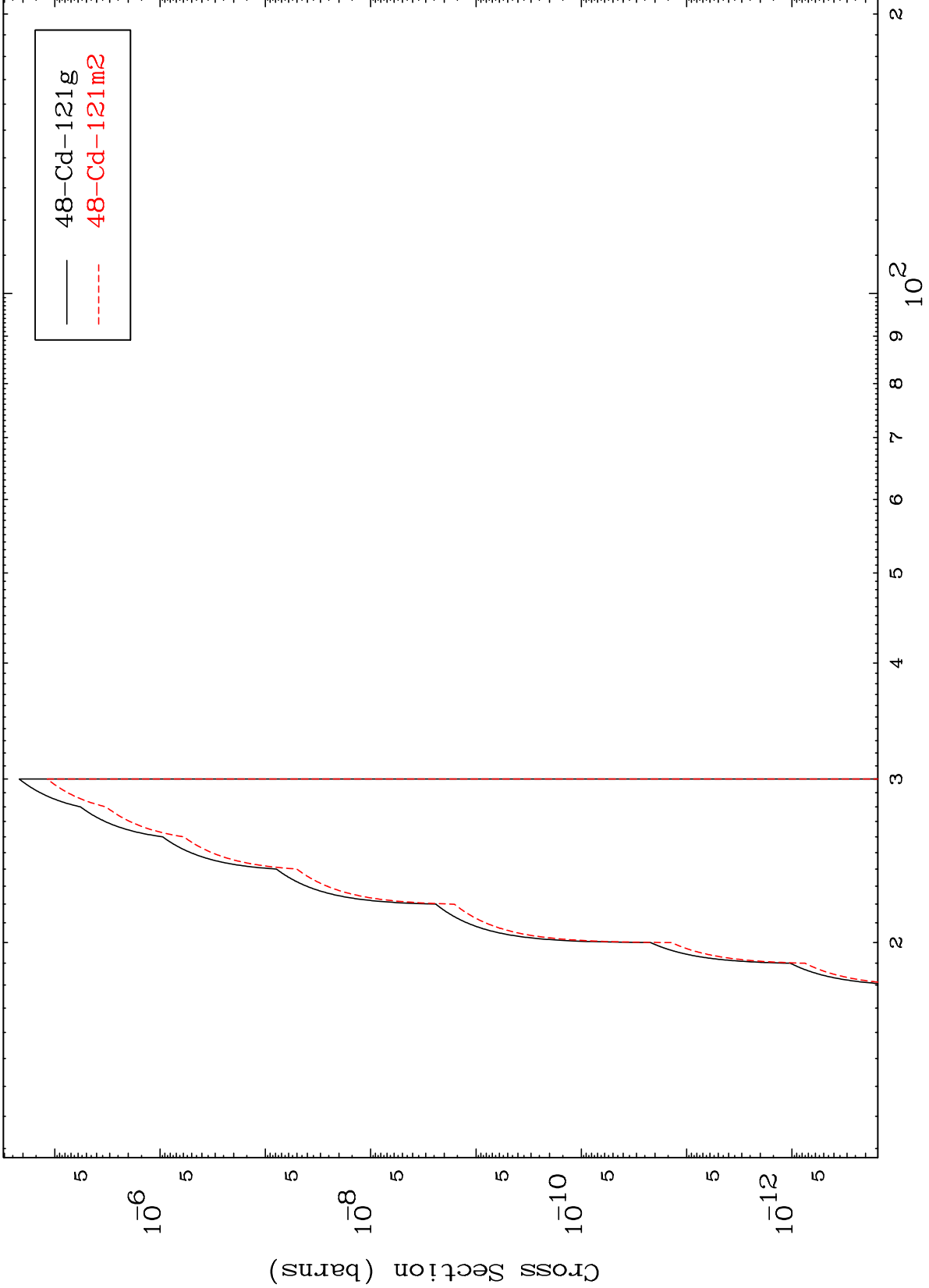
Incident Energy (MeV)

49-In-122

Radionuclide Production Cross Section



Radionuclide Production Cross Section

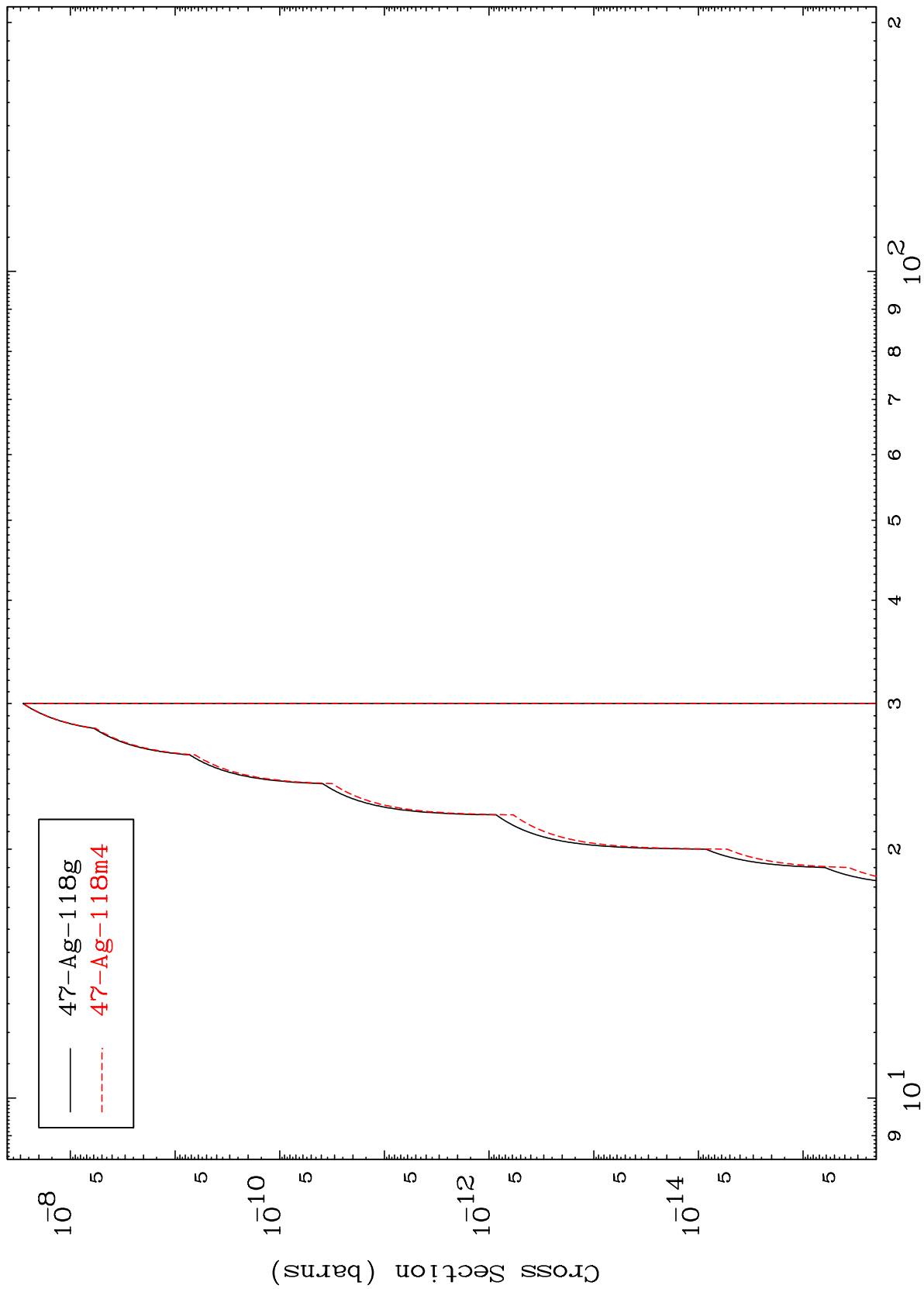


MAT 4952

(n,n') p α

49-In-122

Radionuclide Production Cross Section



24

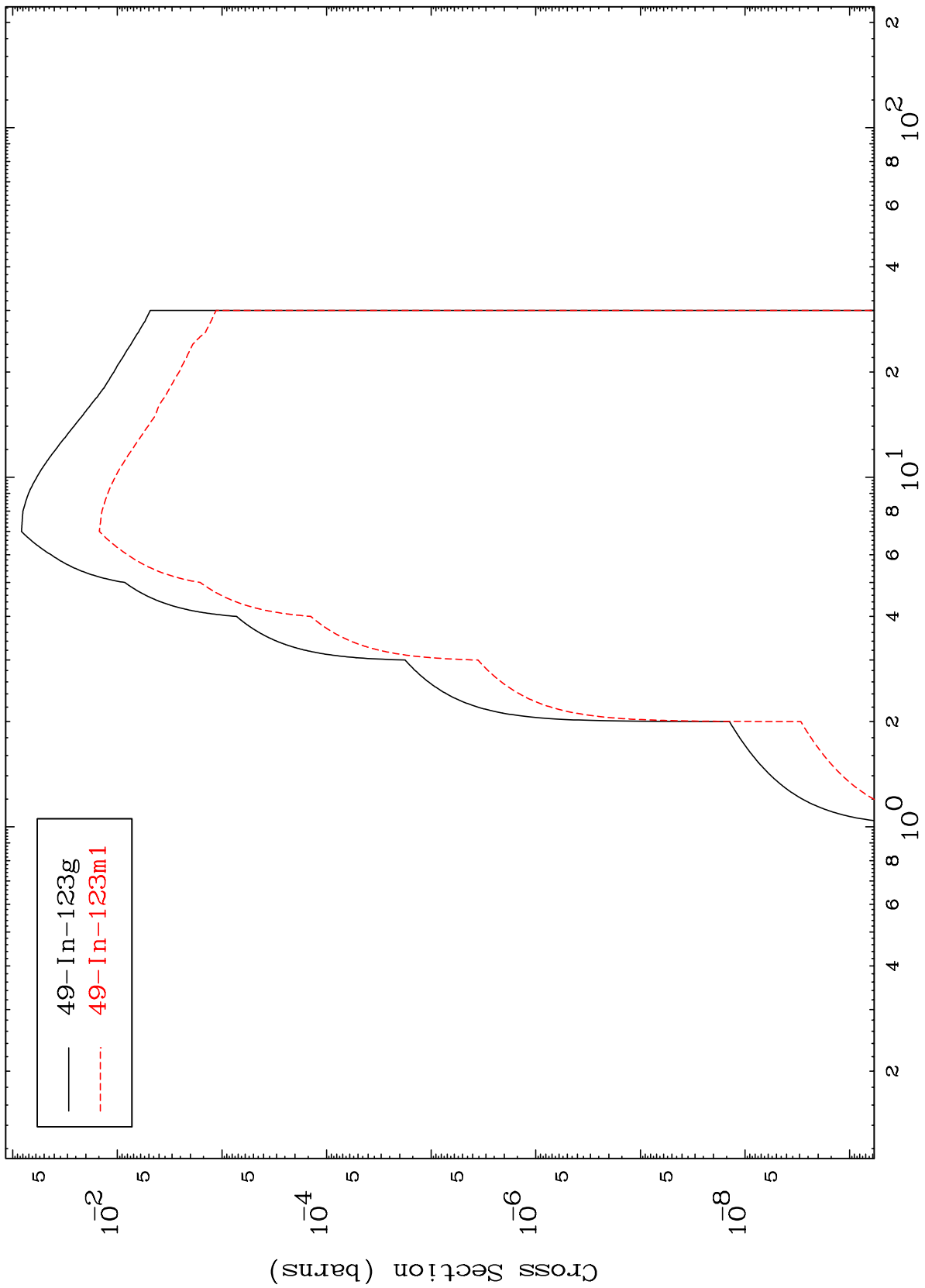
Incident Energy (MeV)

49-In-122

MAT 4952

49-In-122

(n,p)
Radionuclide Production Cross Section

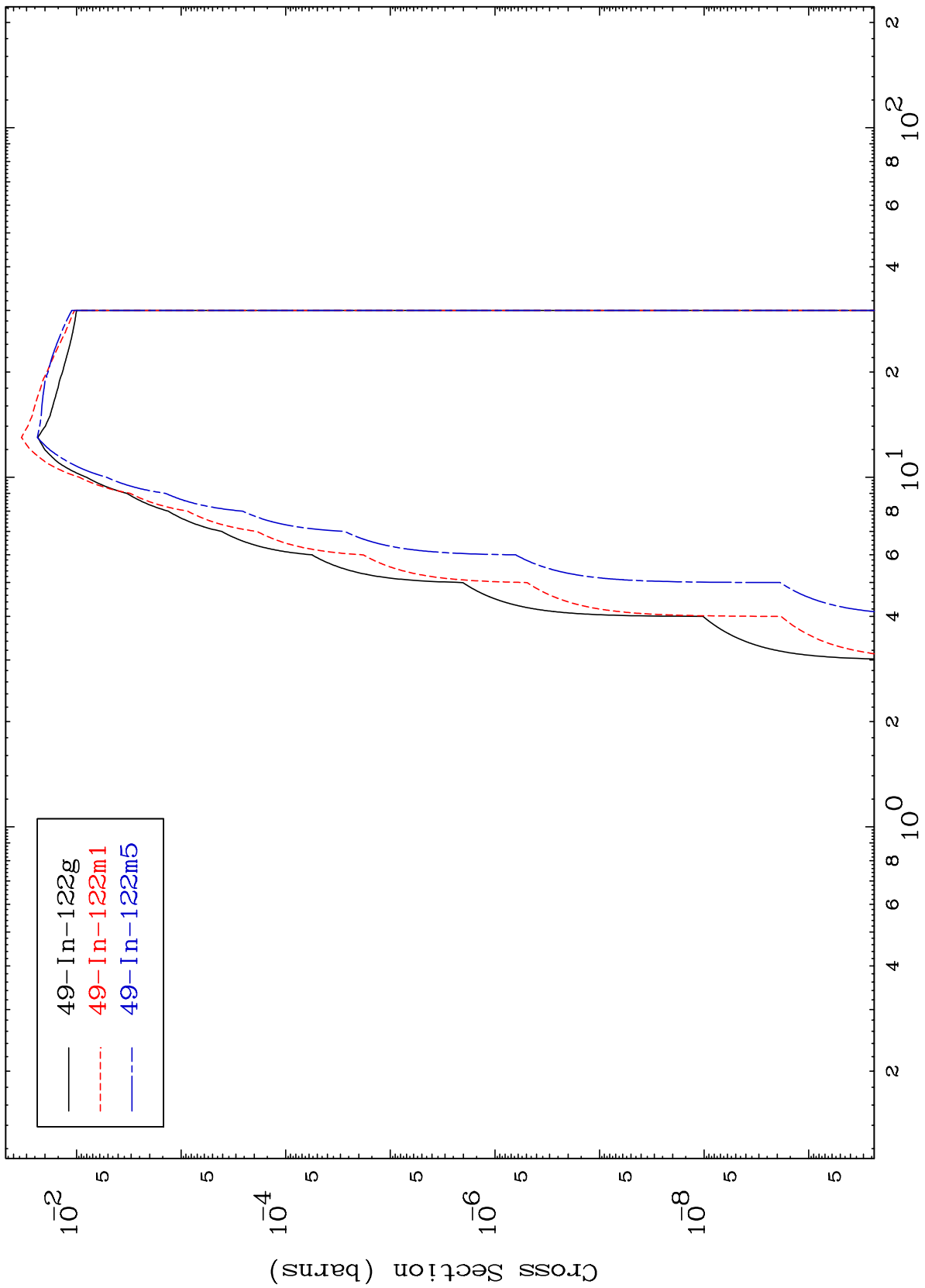


— 49-In-123g
- - - 49-In-123m1

MAT 4952

49-In-122

(n,d)
Radionuclide Production Cross Section



49-In-122

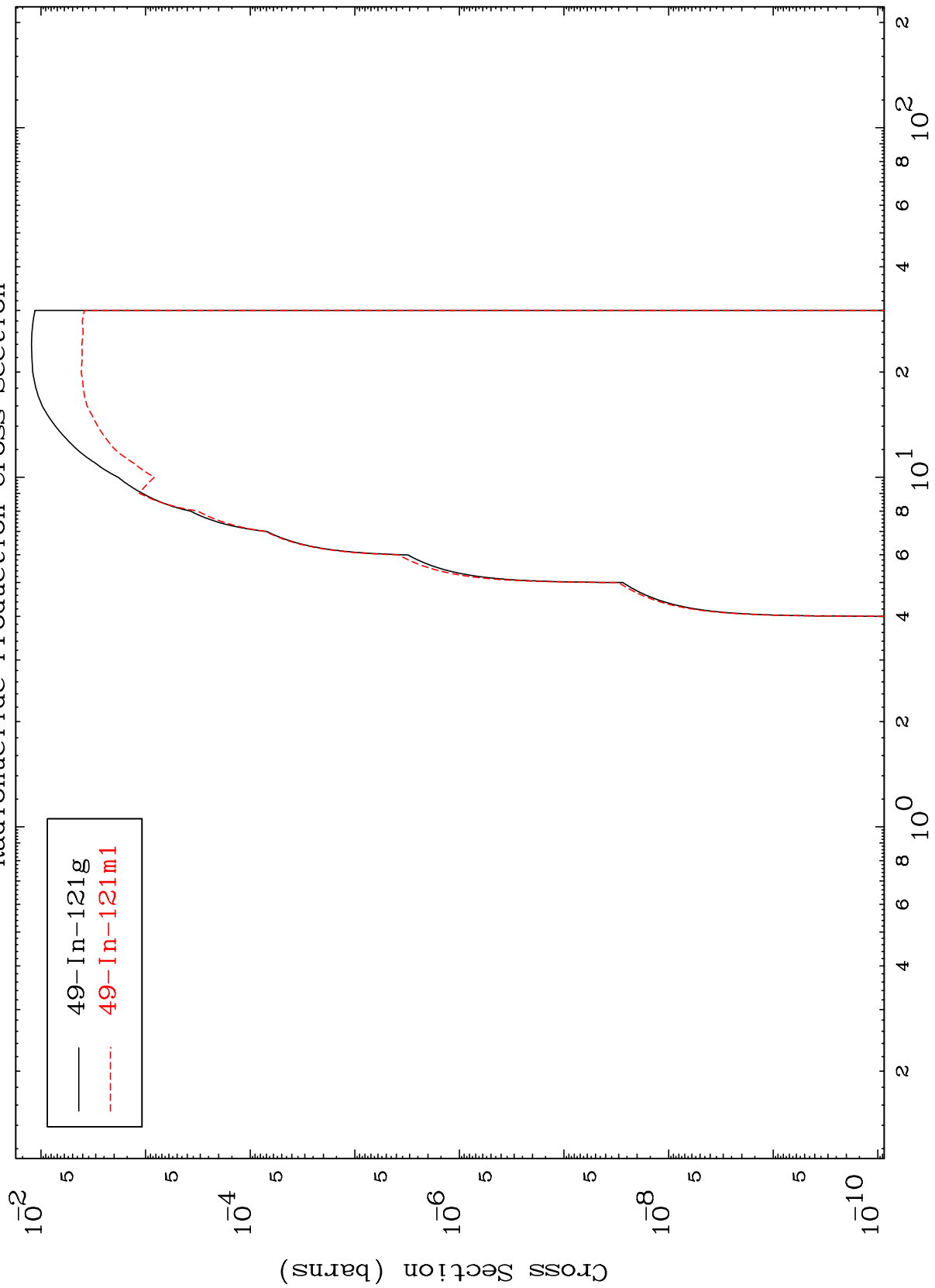
Incident Energy (MeV)

26

MAT 4952

49-In-122

Radionuclide Production Cross Section



49-In-122

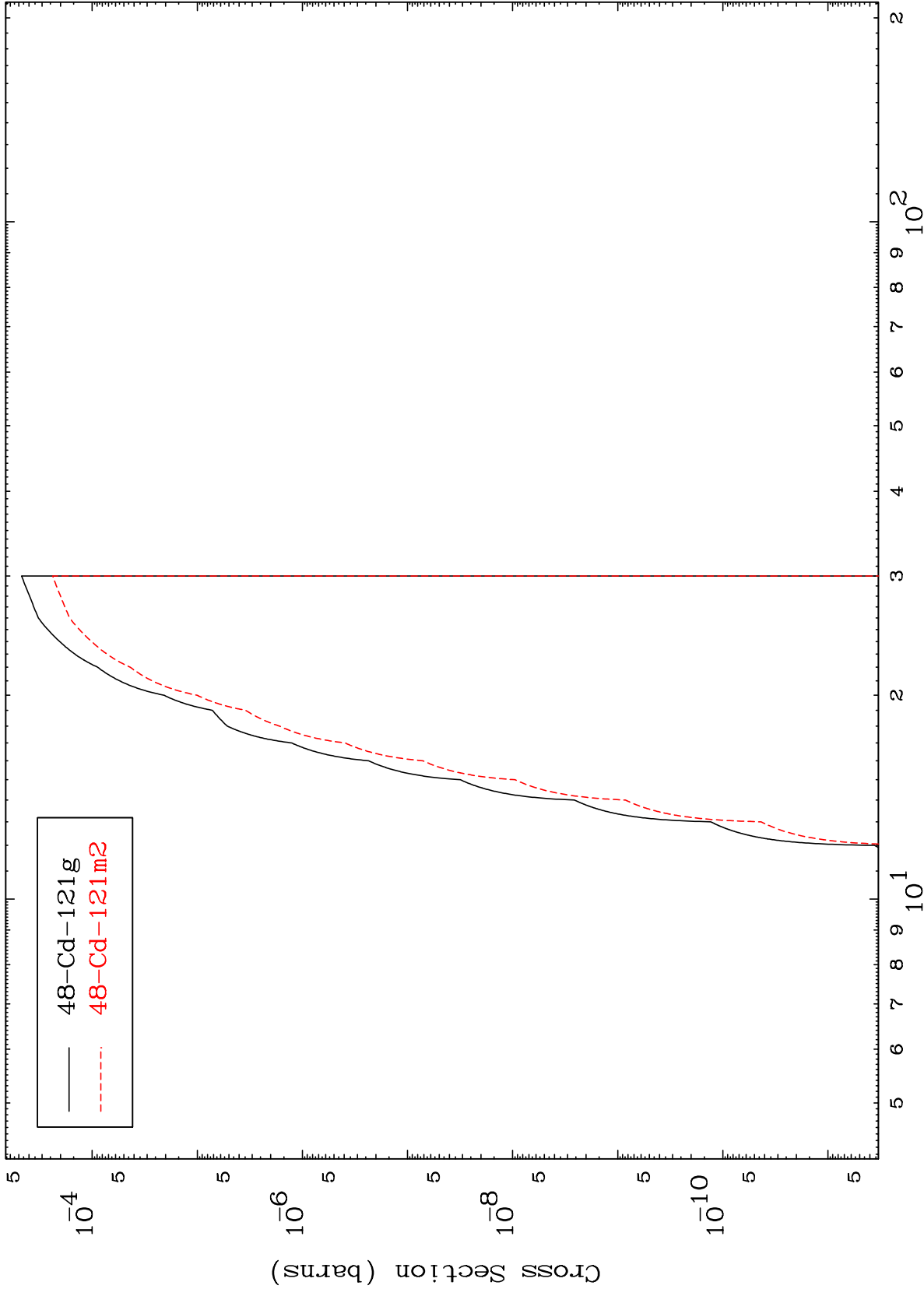
Incident Energy (MeV)

MAT 4952

(n,He-3)

49-In-122

Radionuclide Production Cross Section



48-Cd-121g
48-Cd-121m2

28

Incident Energy (MeV)

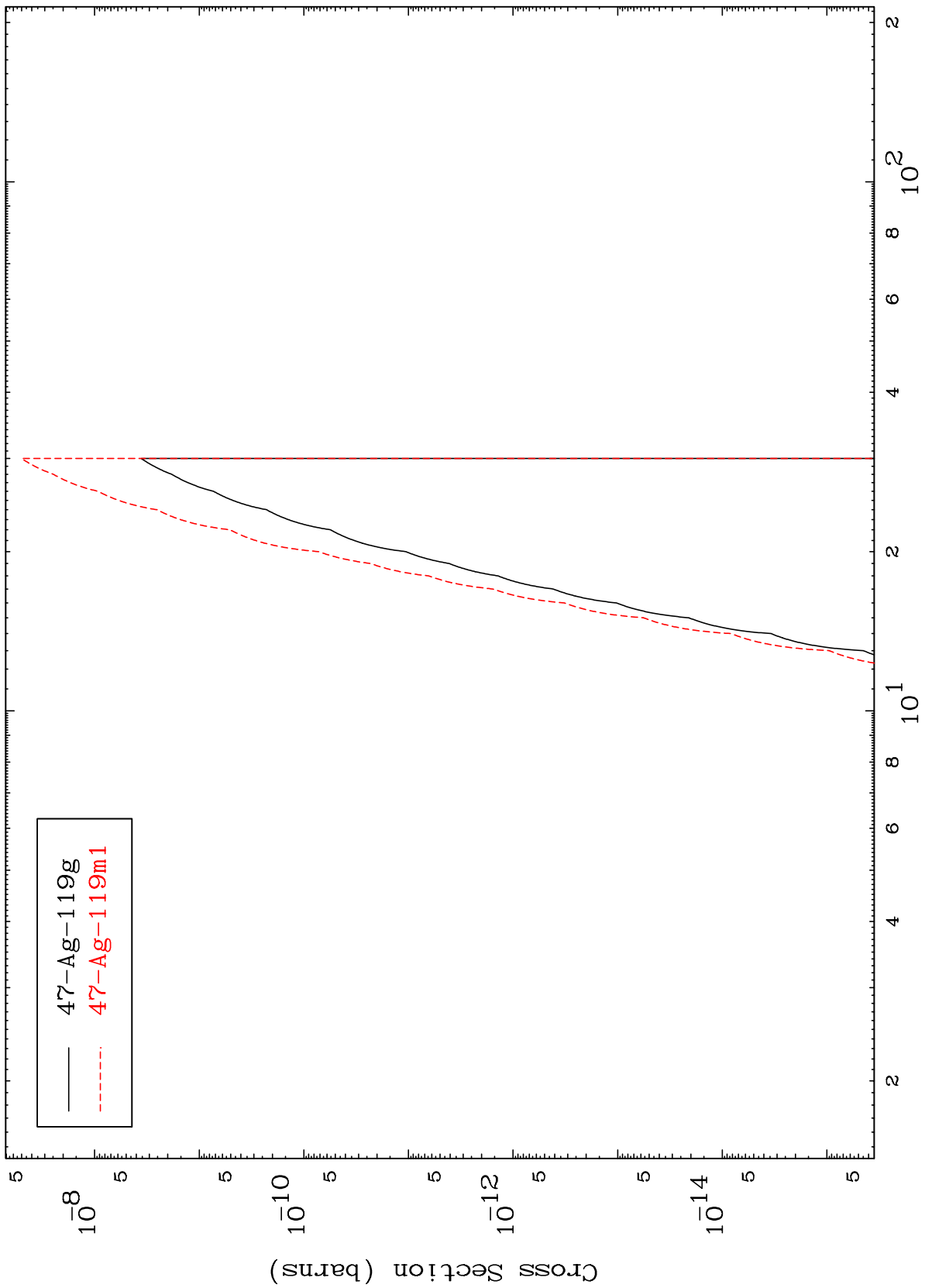
49-In-122

MAT 4952

(n,p) α

49-In-122

Radionuclide Production Cross Section



29

Incident Energy (MeV)

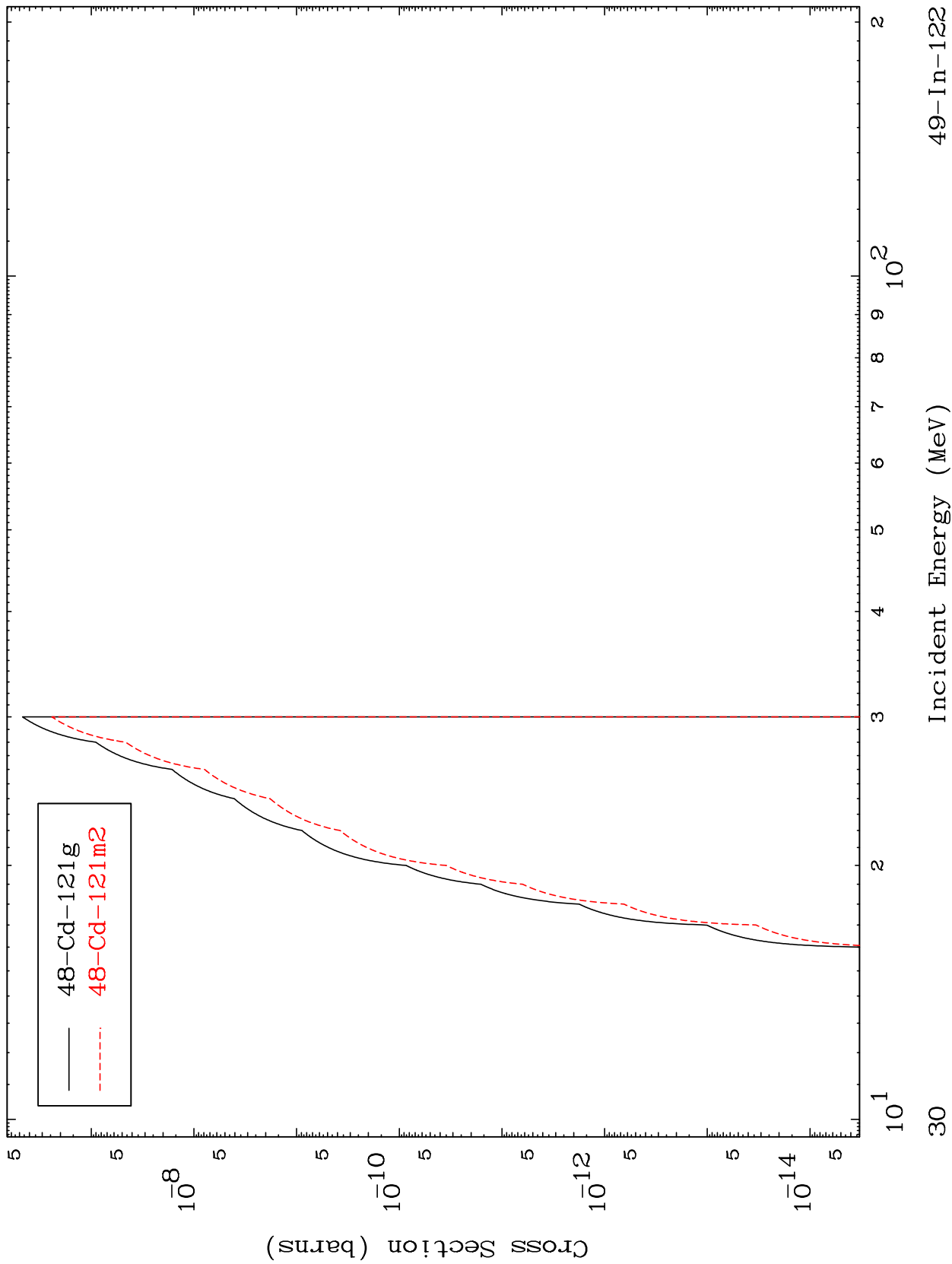
49-In-122

MAT 4952

(n,p) d

49-In-122

Radionuclide Production Cross Section



49-In-122

MAT 4952

(n,d) α

49-In-122

Radionuclide Production Cross Section

