

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

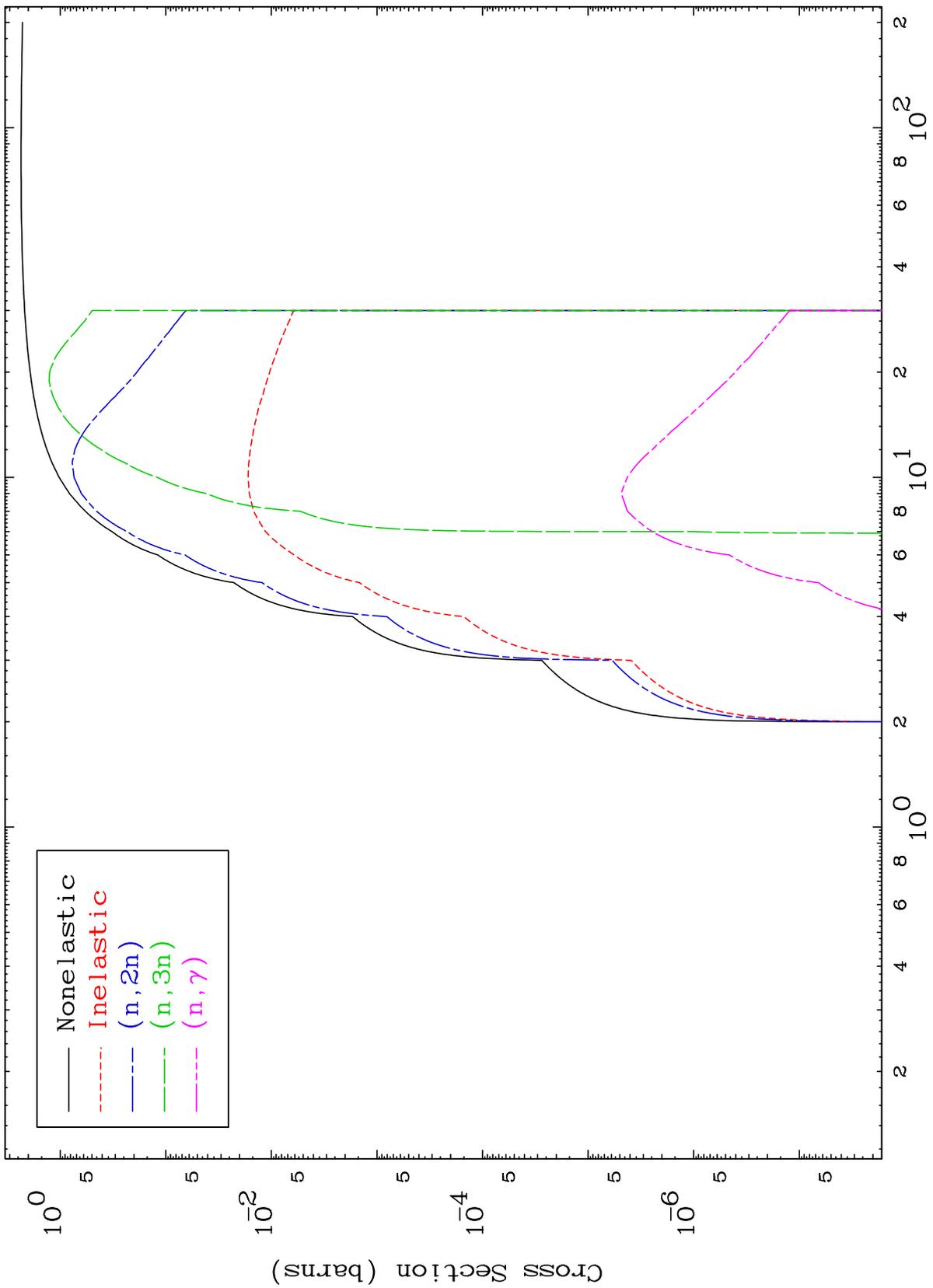
Press Mouse Button to Start

MAT 4944

Deuteron Major

49-In-119m

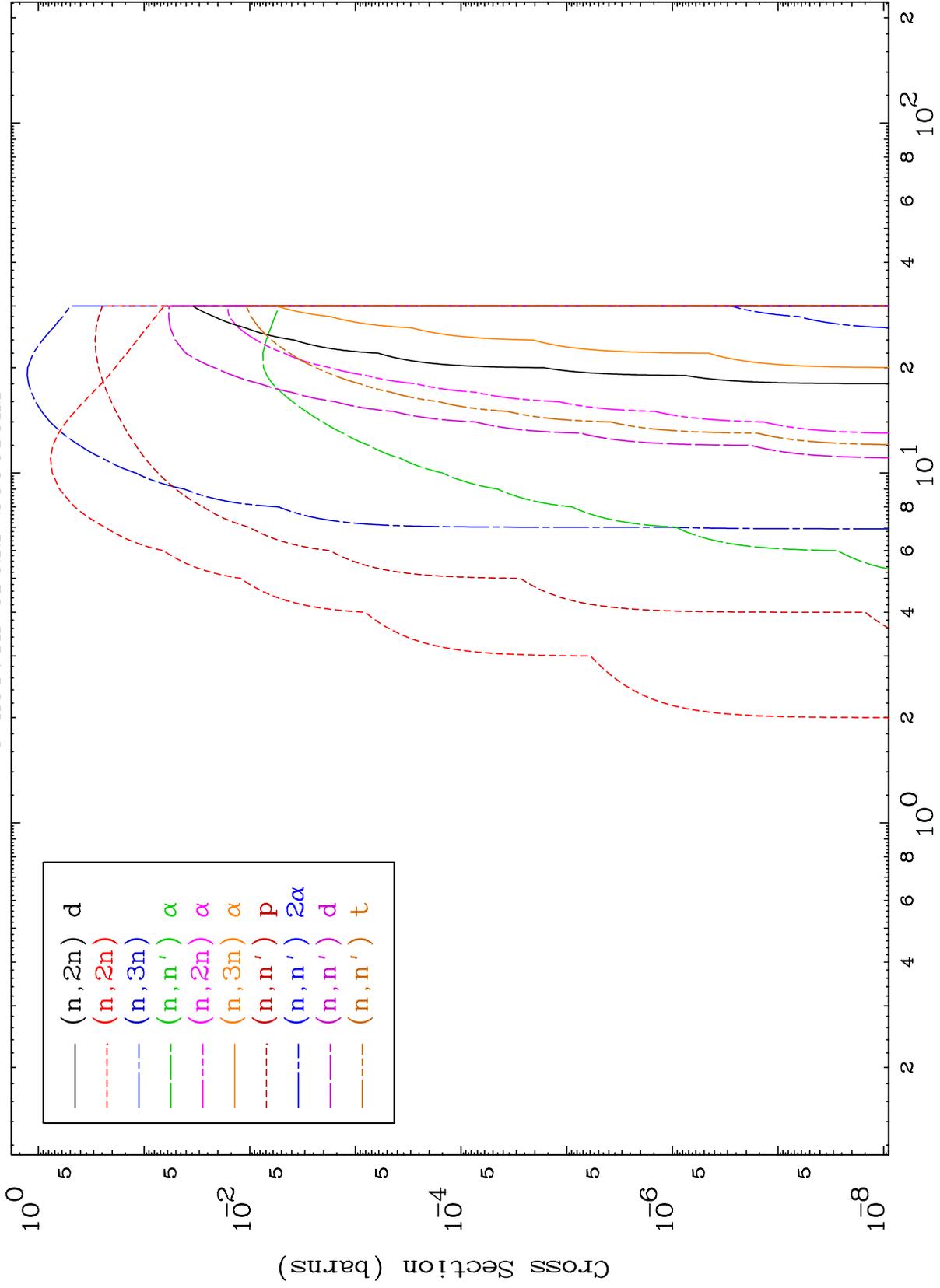
0 Kelvin Cross Sections



MAT 4944

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

49-In-119m



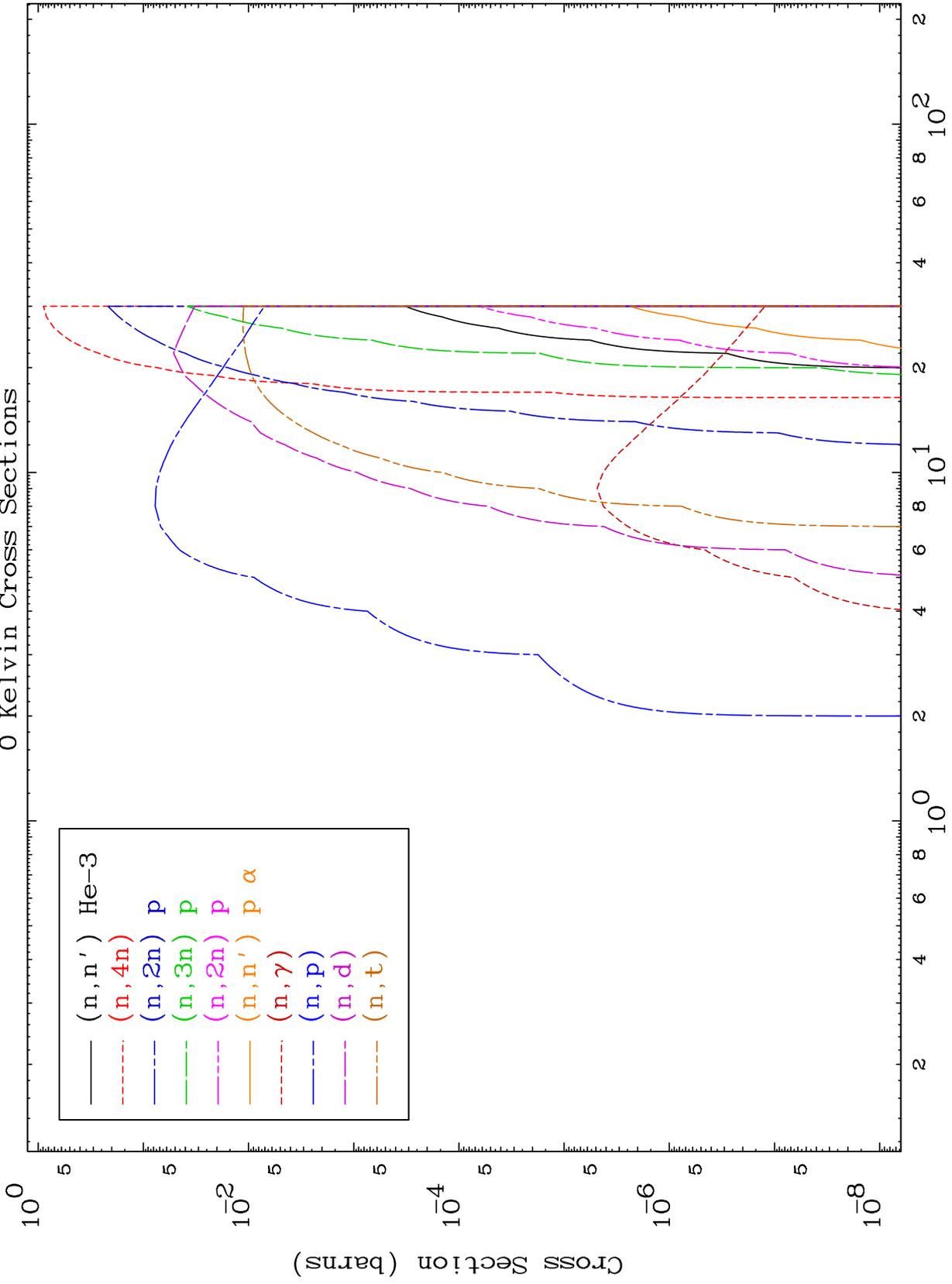
49-In-119m

Incident Energy (MeV)

MAT 4944

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

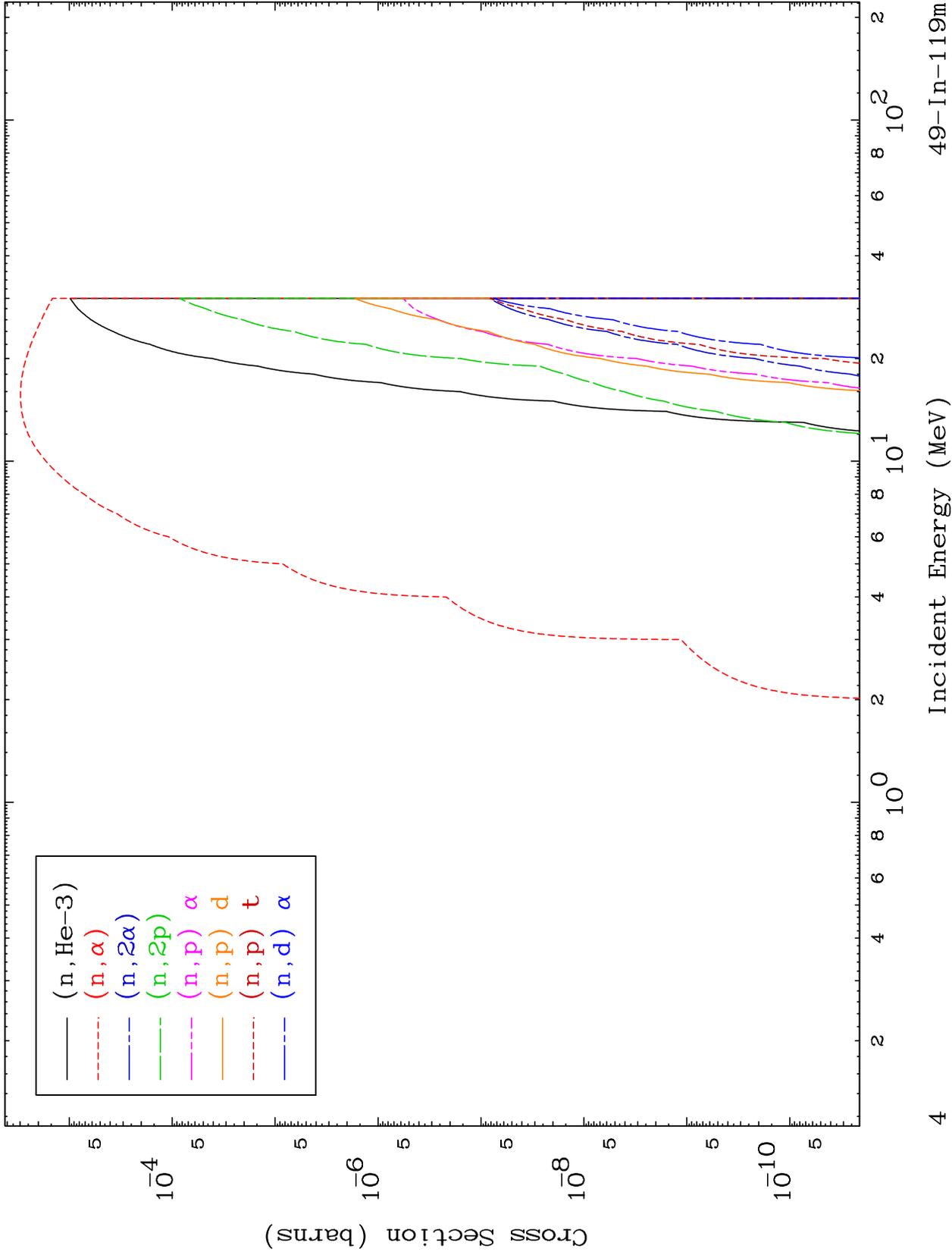
49-In-119m



MAT 4944

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

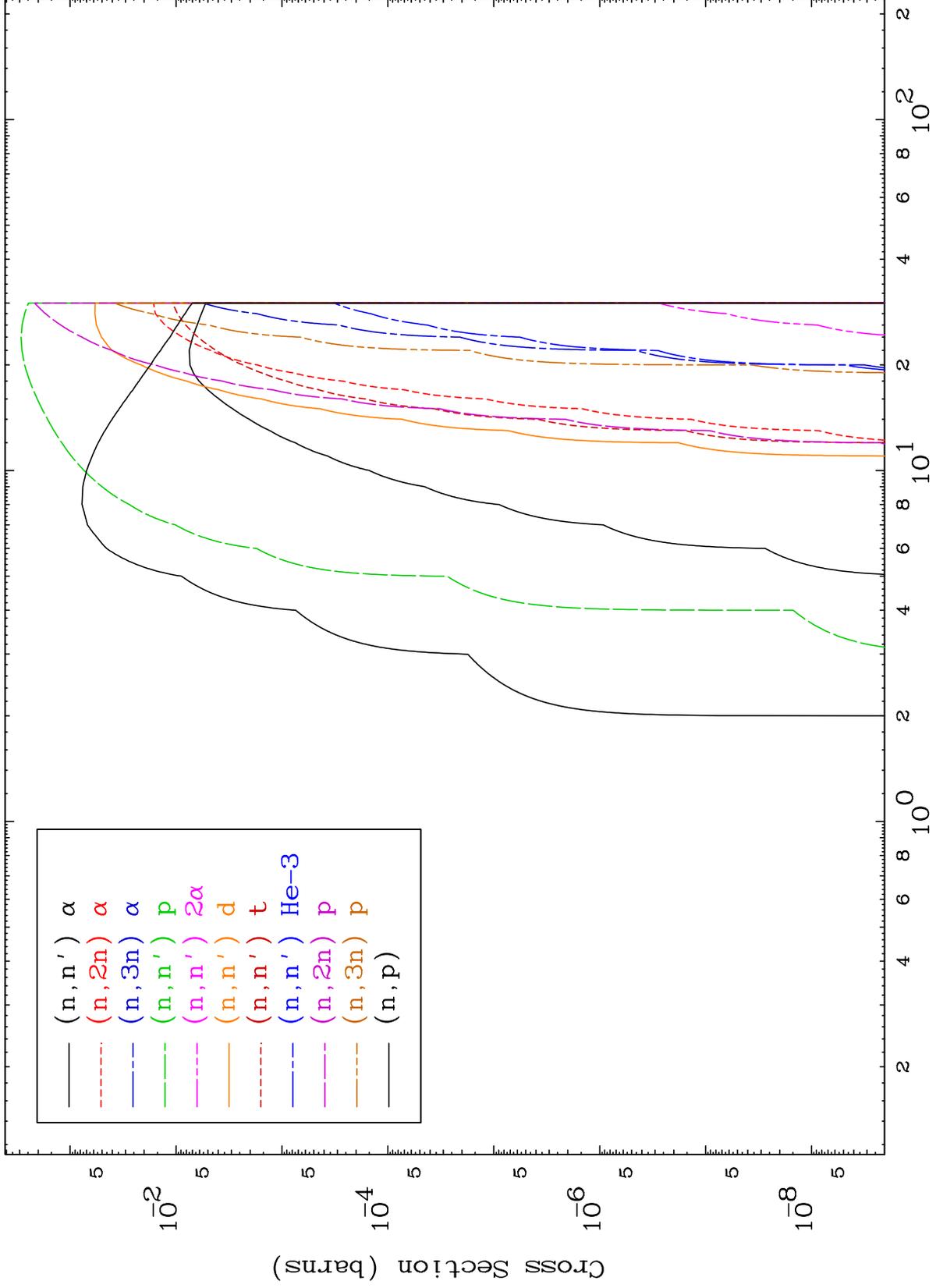
49-In-119m



MAT 4944

Deuteron Charged Particle  
0 Kelvin Cross Sections

49-In-119m



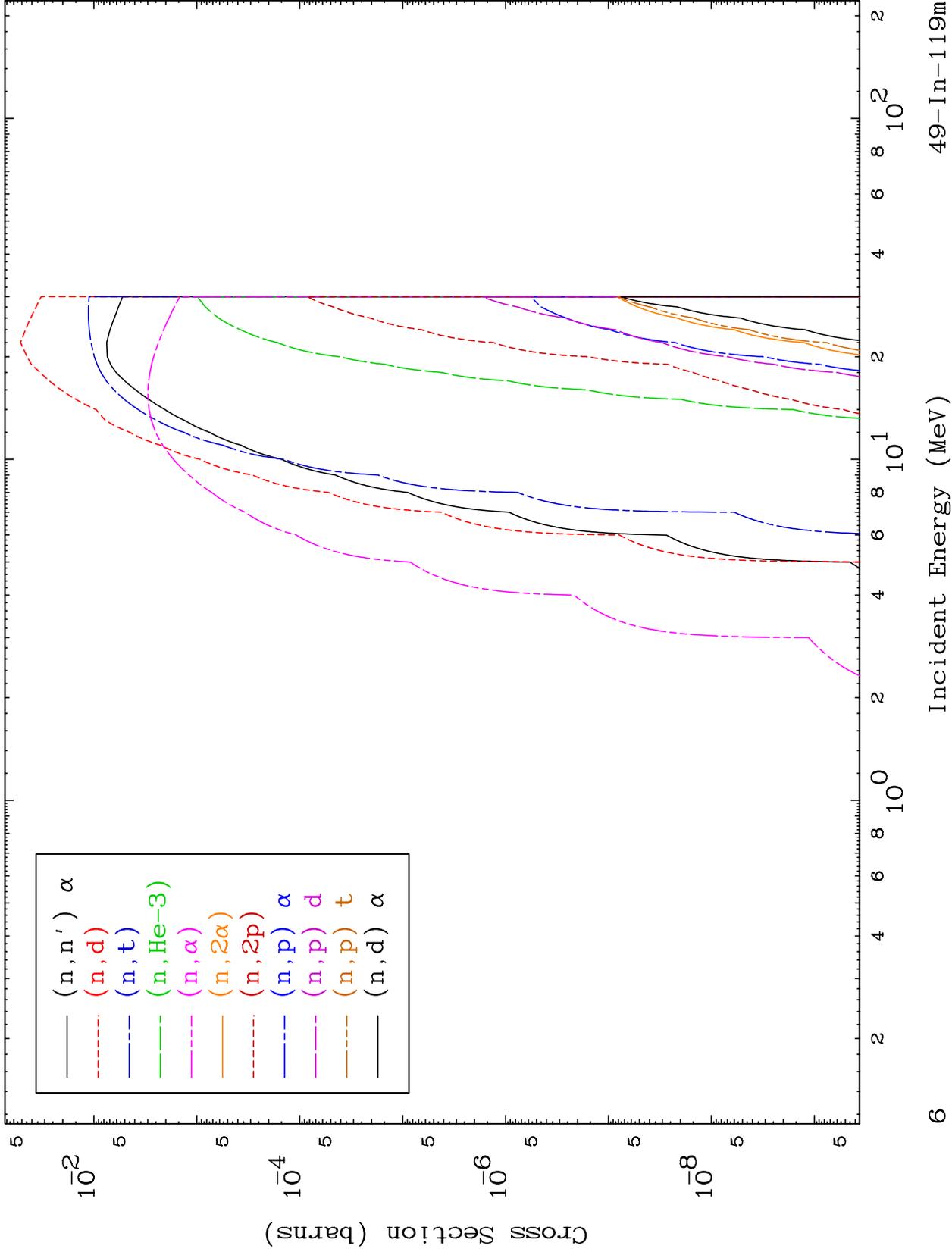
Incident Energy (MeV)

49-In-119m

MAT 4944

Deuteron Charged Particle  
0 Kelvin Cross Sections

49-In-119m

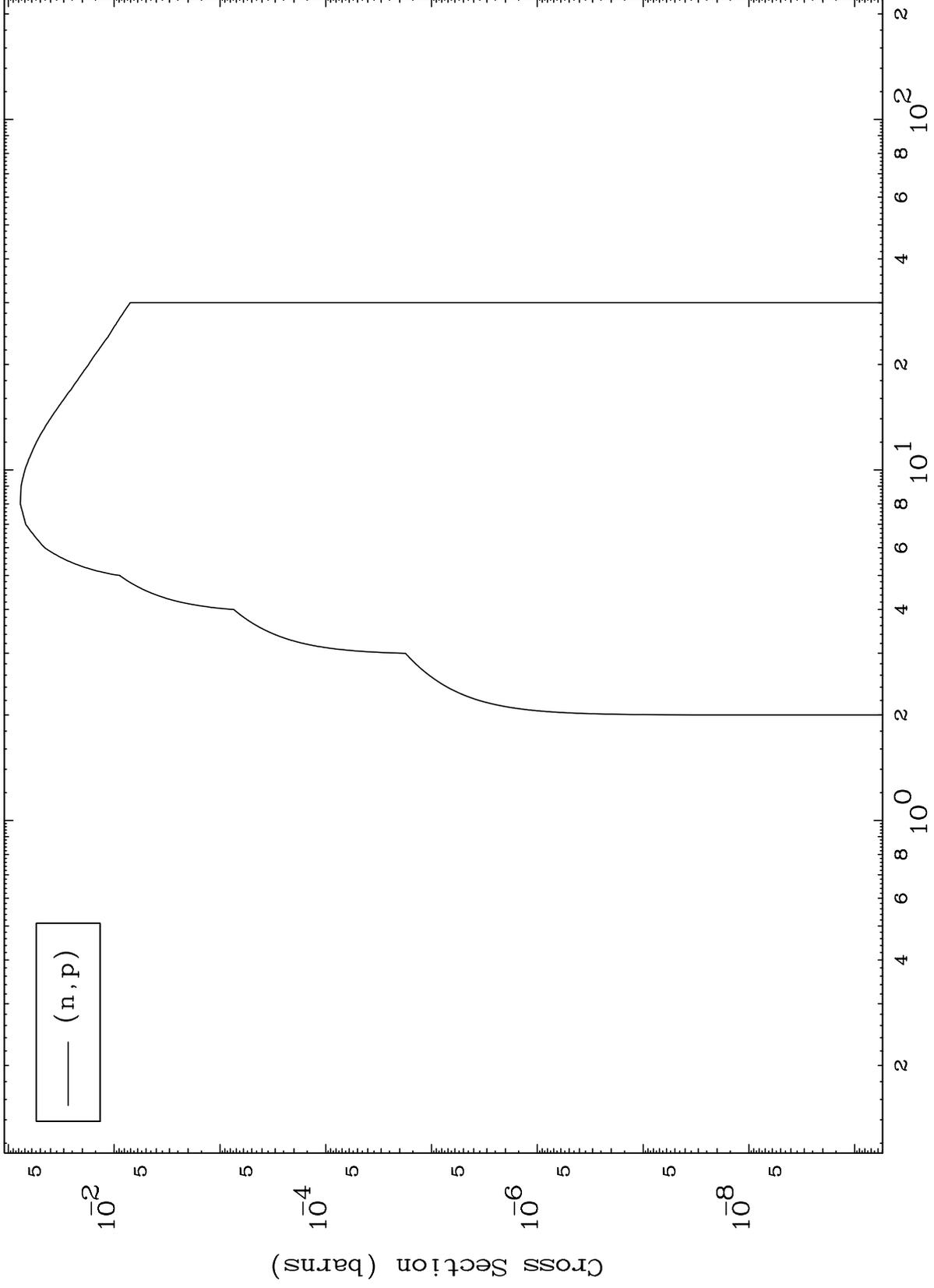


MAT 4944

(d,p) Levels

49-In-119m

0 Kelvin Cross Sections

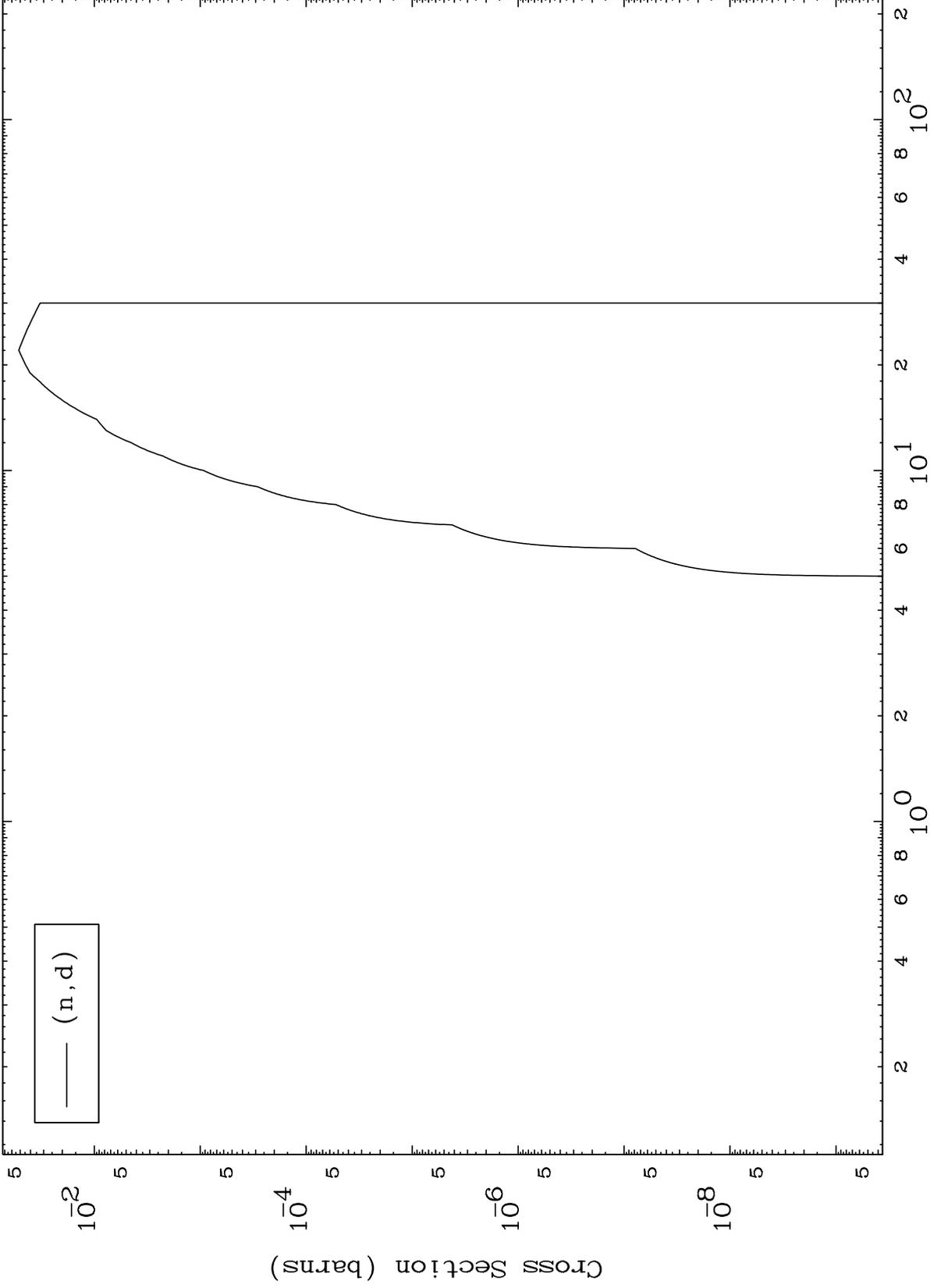


MAT 4944

(d,d) Levels

49-In-119m

0 Kelvin Cross Sections

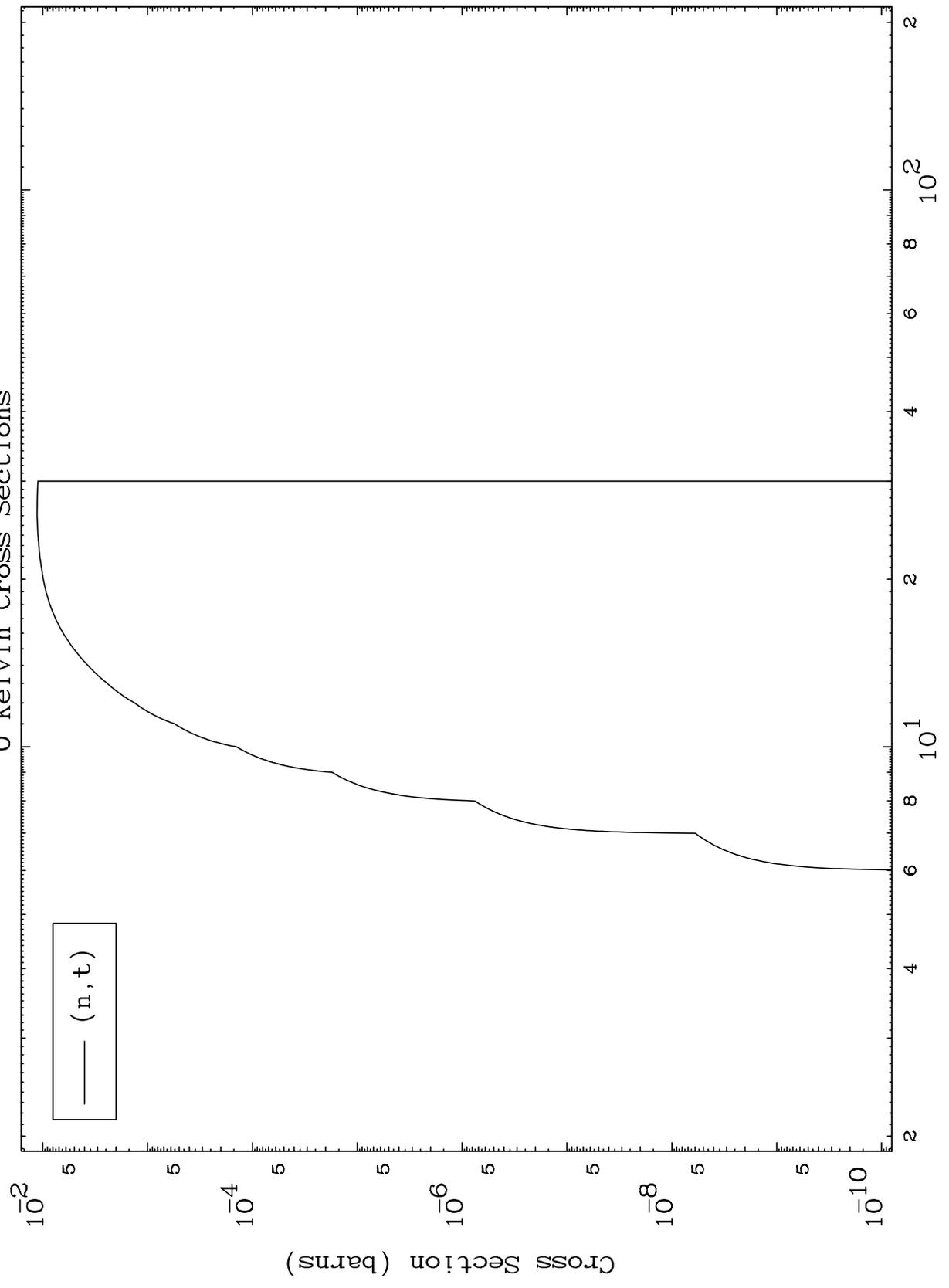


MAT 4944

(d,t) Levels

49-In-119m

0 Kelvin Cross Sections



9

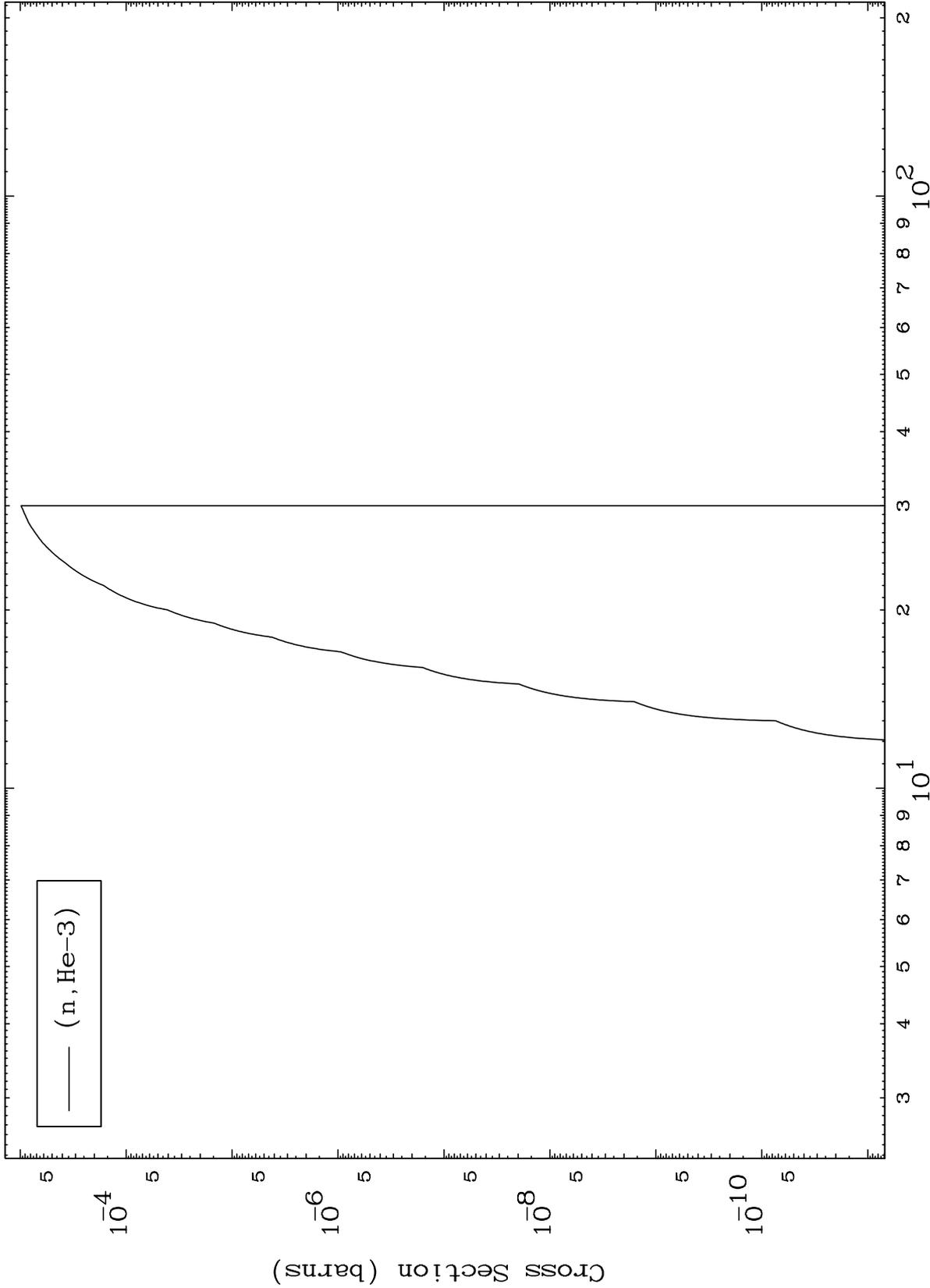
Incident Energy (MeV)

49-In-119m

MAT 4944

(d,He3) Levels  
0 Kelvin Cross Sections

49-In-119m



10

Incident Energy (MeV)

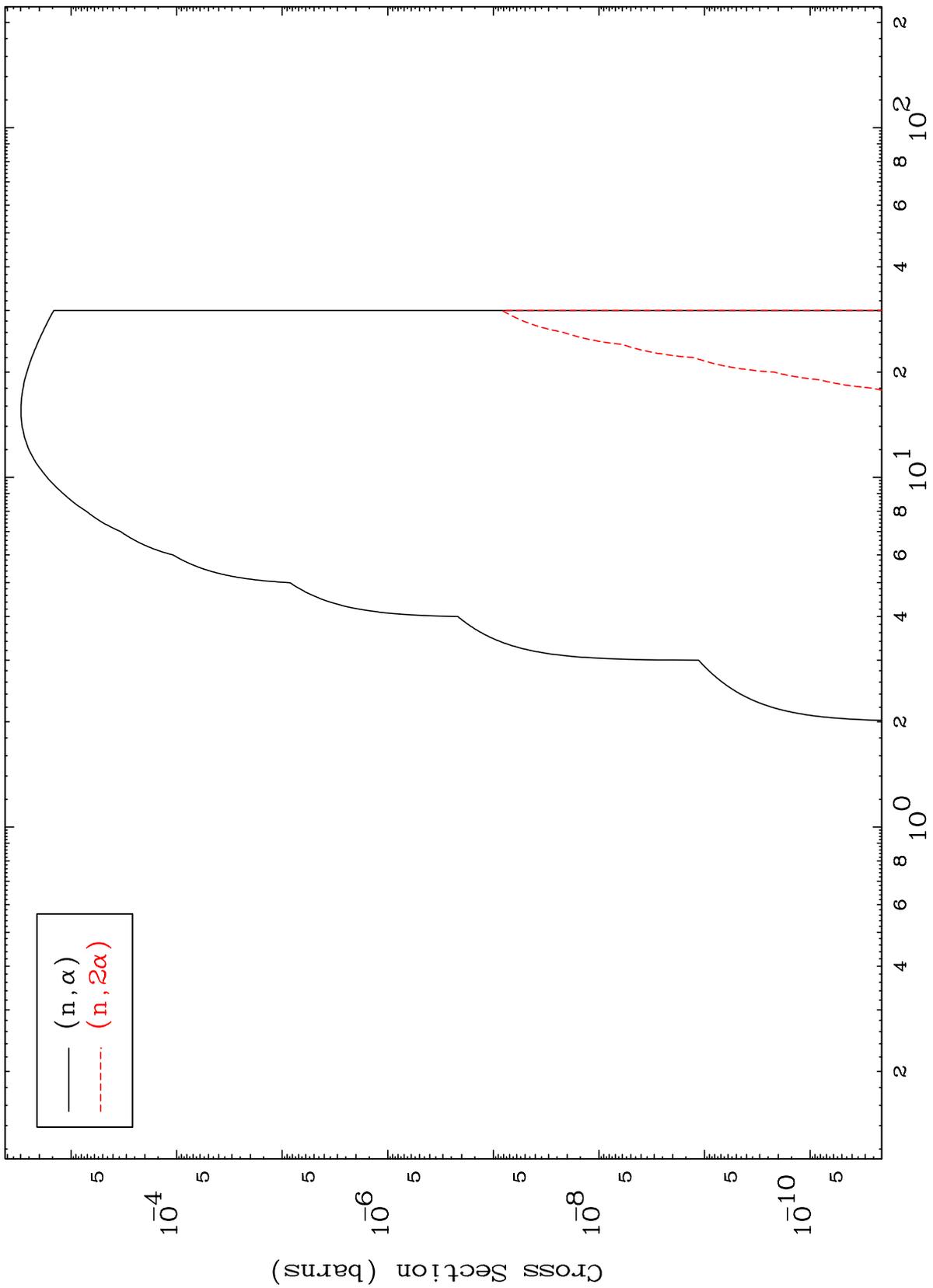
49-In-119m

MAT 4944

(d,  $\alpha$ ) Levels

49-In-119m

0 Kelvin Cross Sections

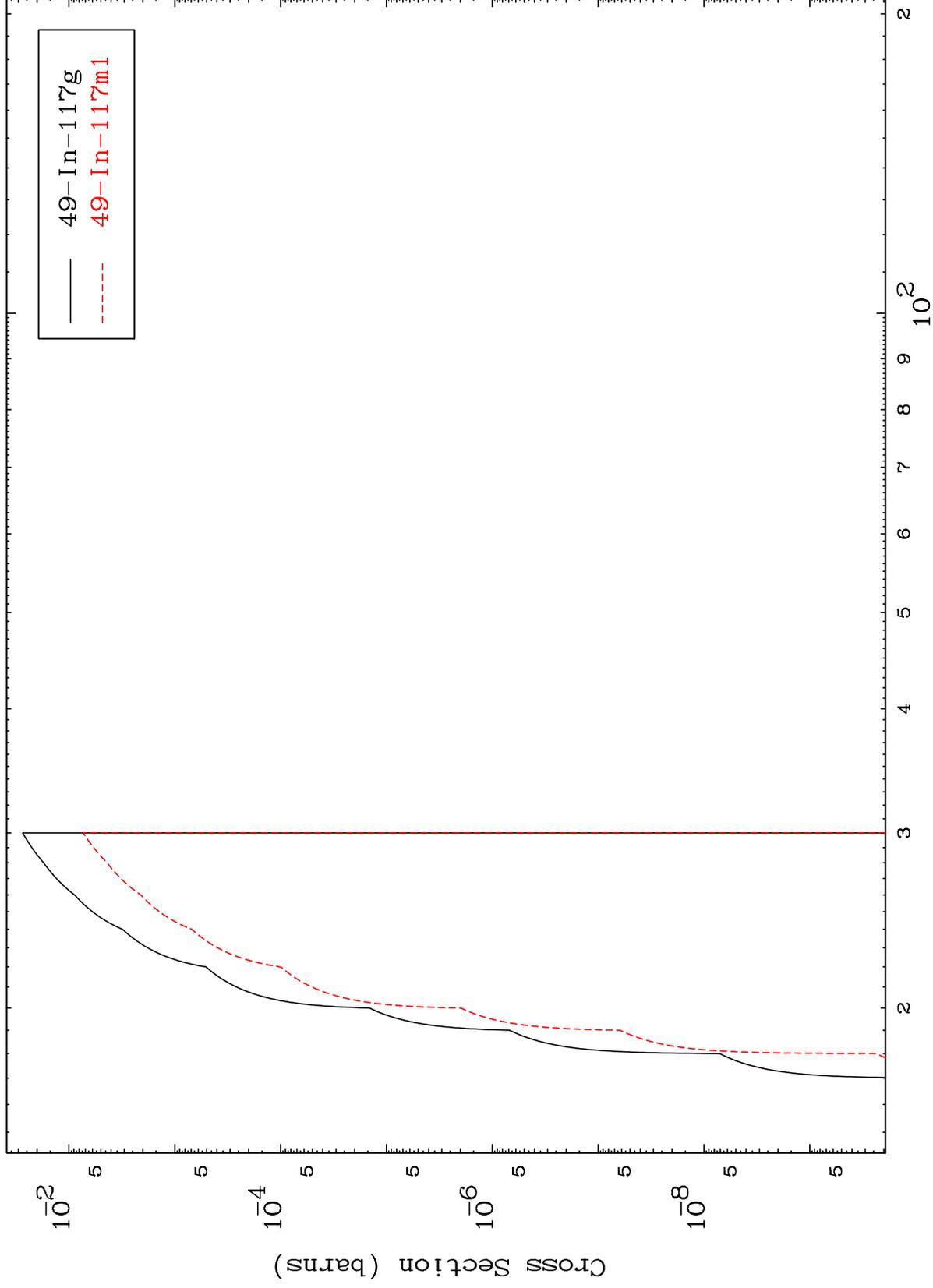


MAT 4944

(n,2n) d

49-In-119m

Radionuclide Production Cross Section



12

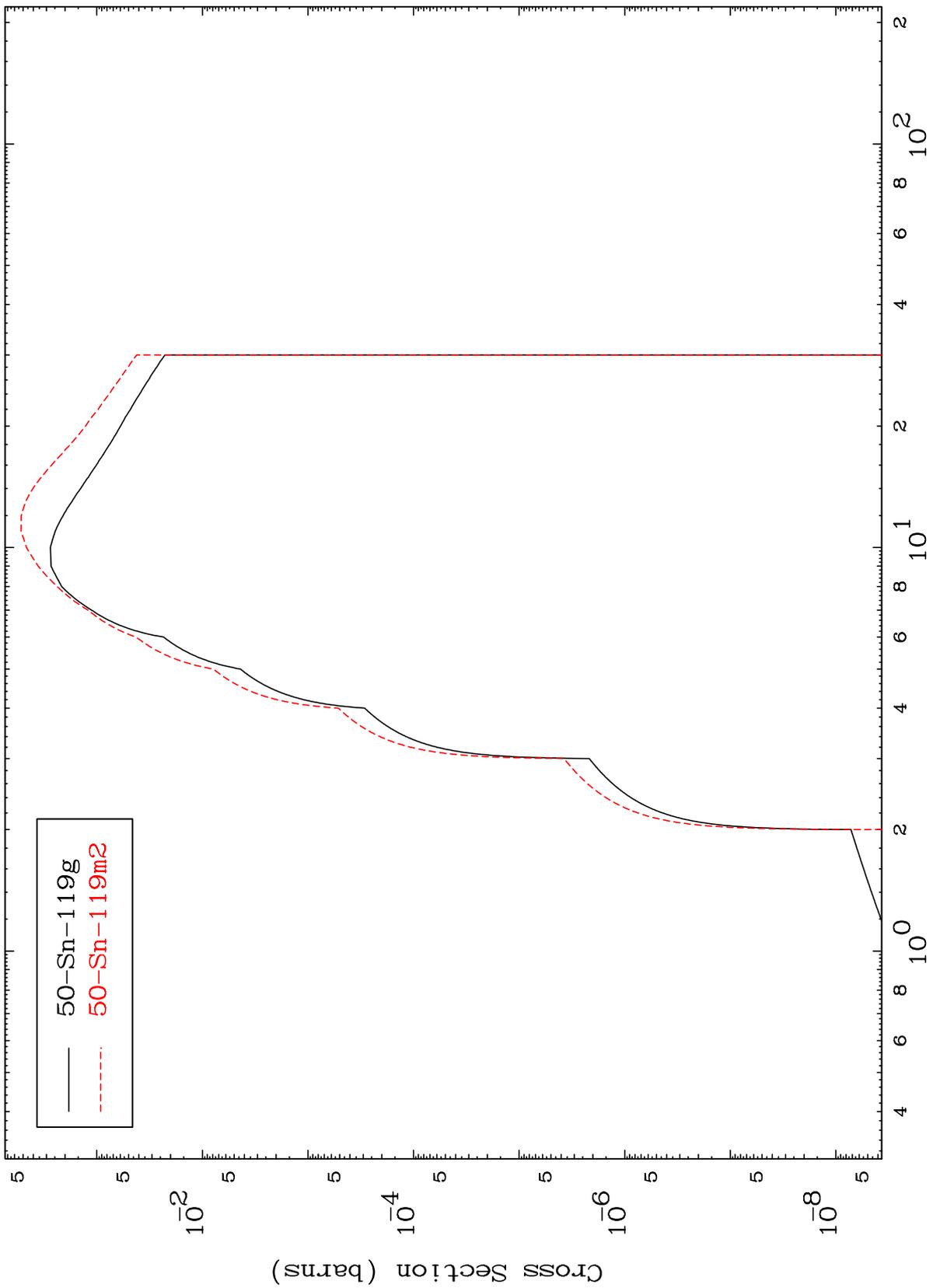
Incident Energy (MeV)

49-In-119m

MAT 4944

49-In-119m

Radionuclide Production Cross Section



49-In-119m

Incident Energy (MeV)

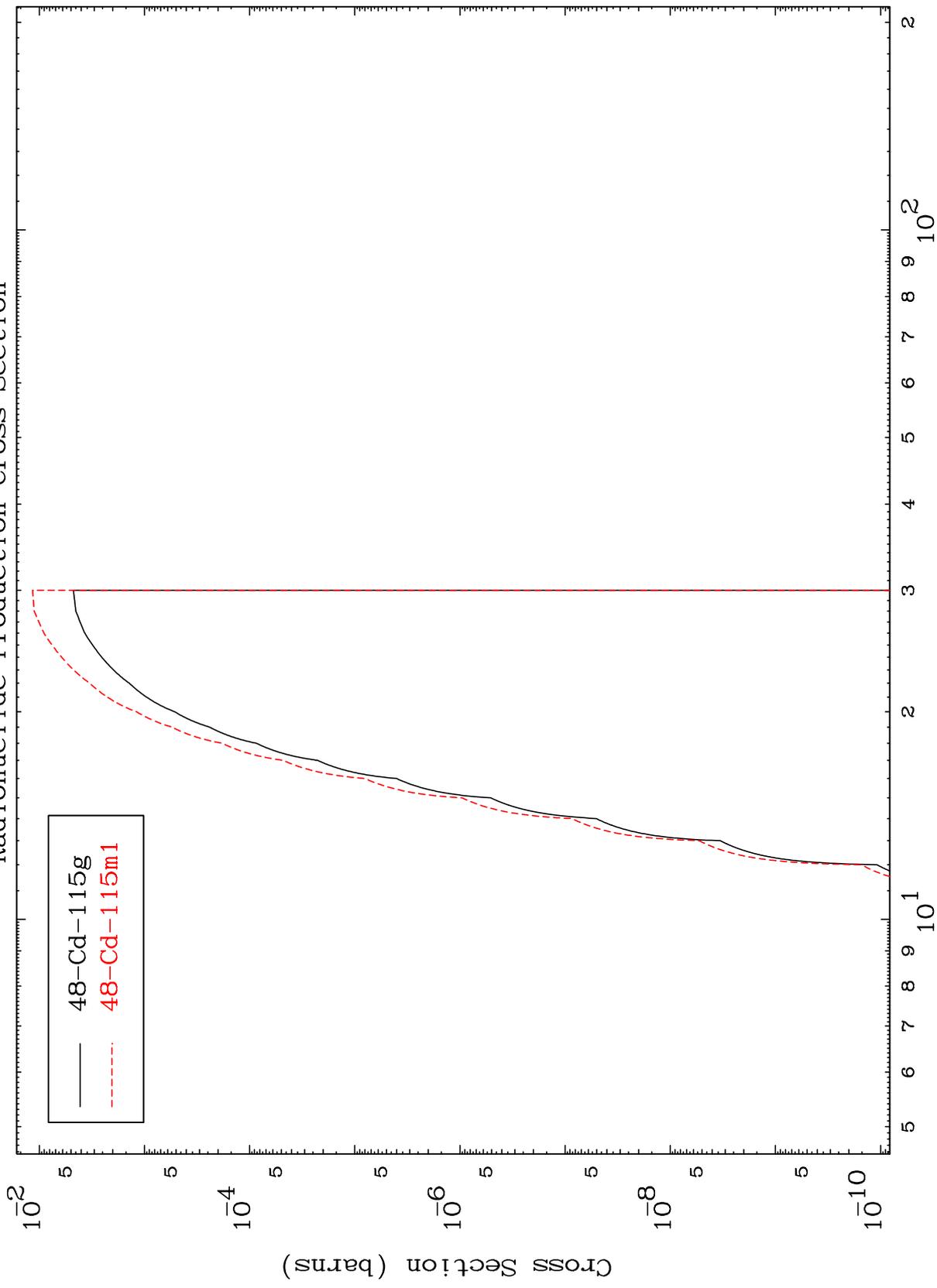
13

MAT 4944

(n,2n)  $\alpha$

49-In-119m

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-119m

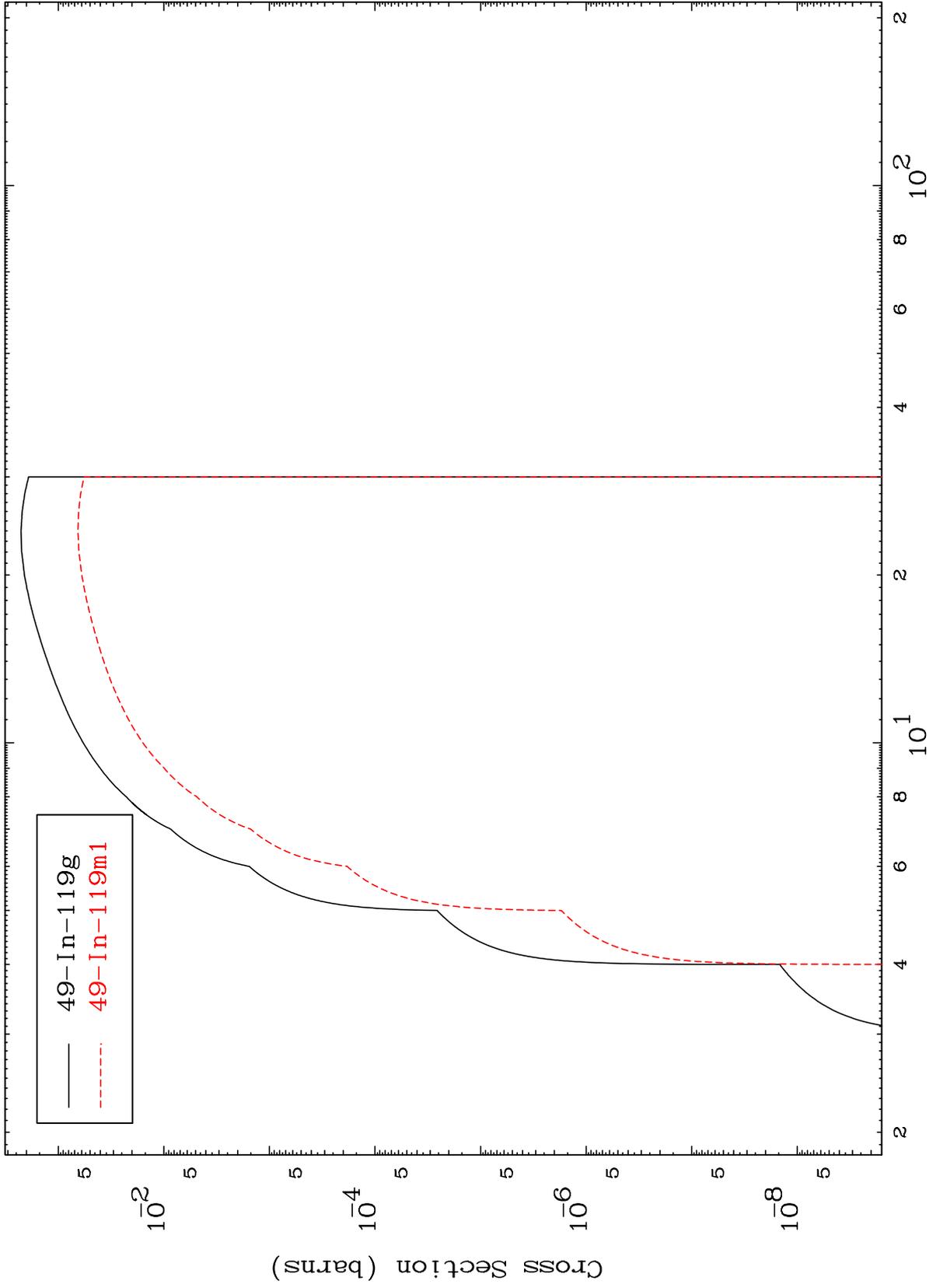
14

MAT 4944

(n,n') p

49-In-119m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

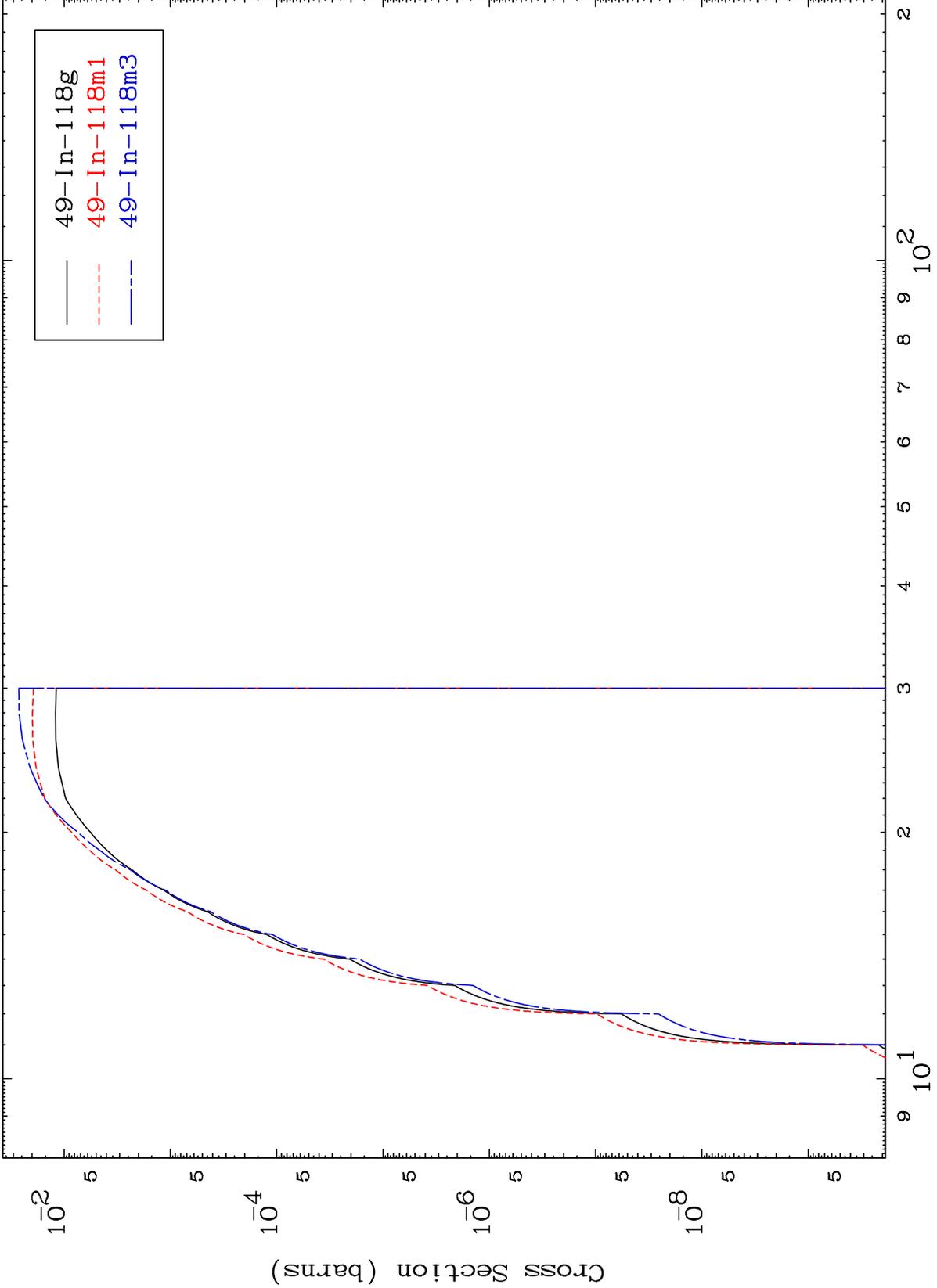
49-In-119m

MAT 4944

(n,n') d

49-In-119m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

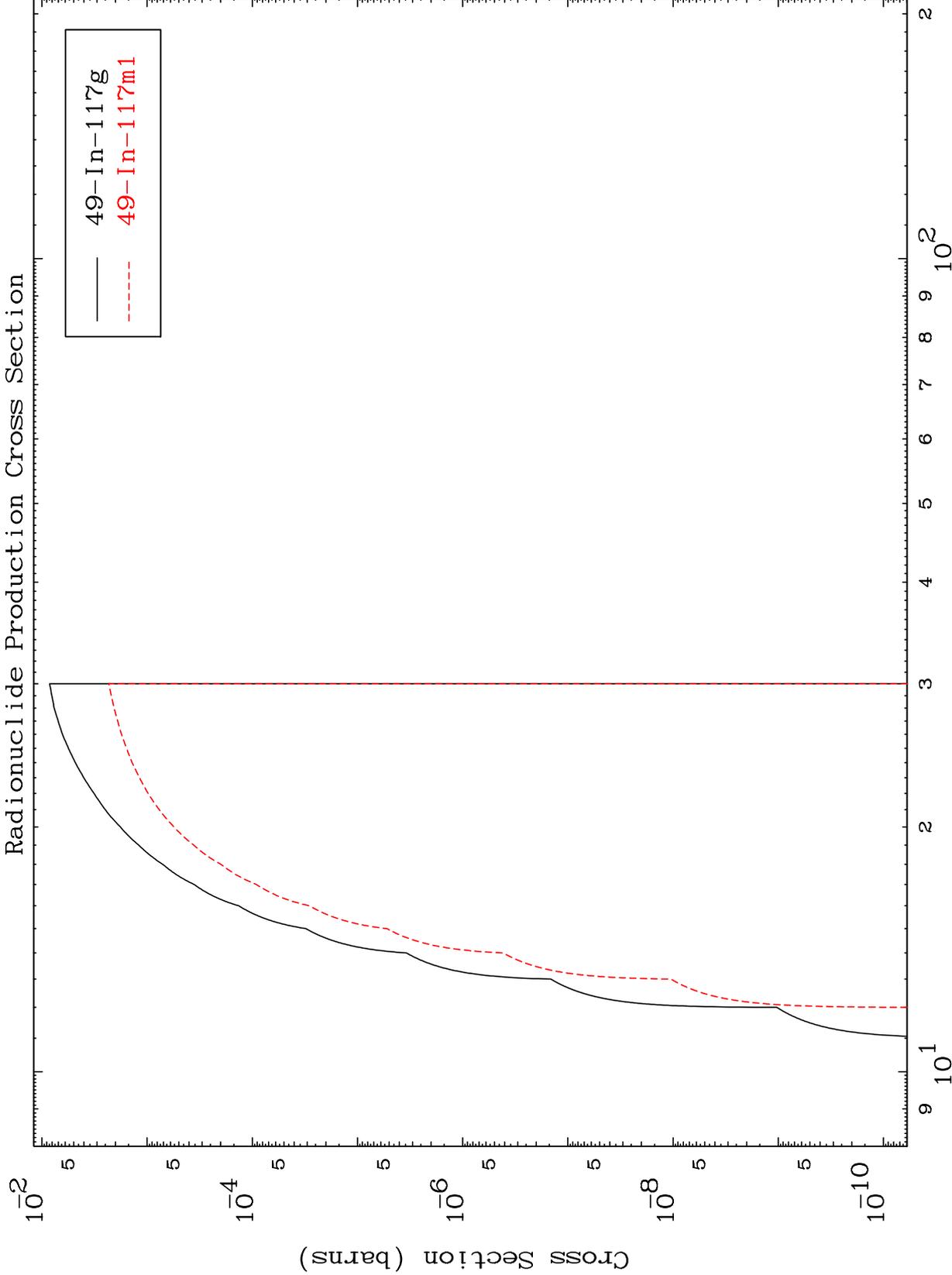
49-In-119m

MAT 4944

(n,n') t

49-In-119m

Radionuclide Production Cross Section



49-In-117g  
49-In-117m1

17

Incident Energy (MeV)

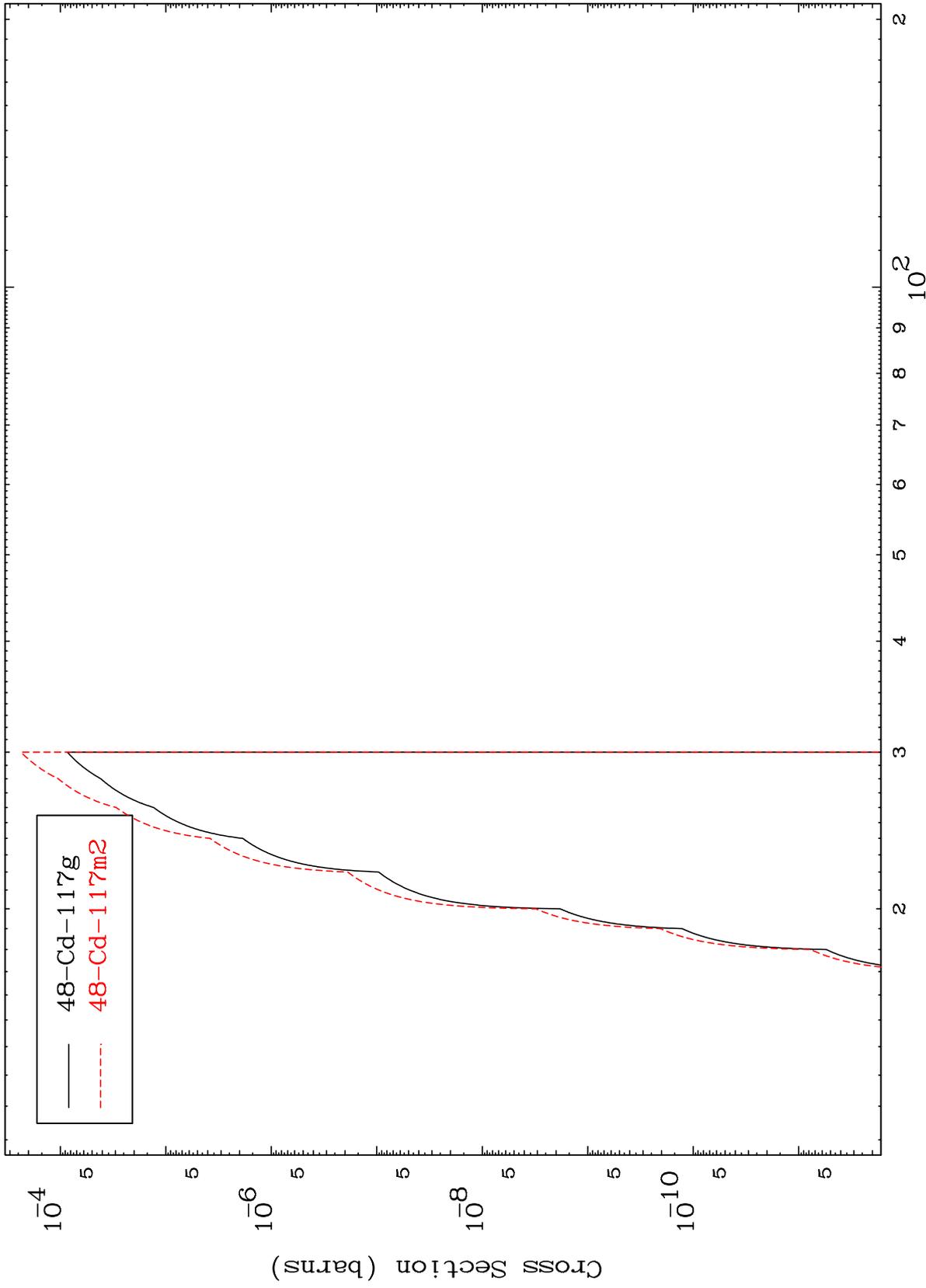
49-In-119m

MAT 4944

(n,n') He-3

49-In-119m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

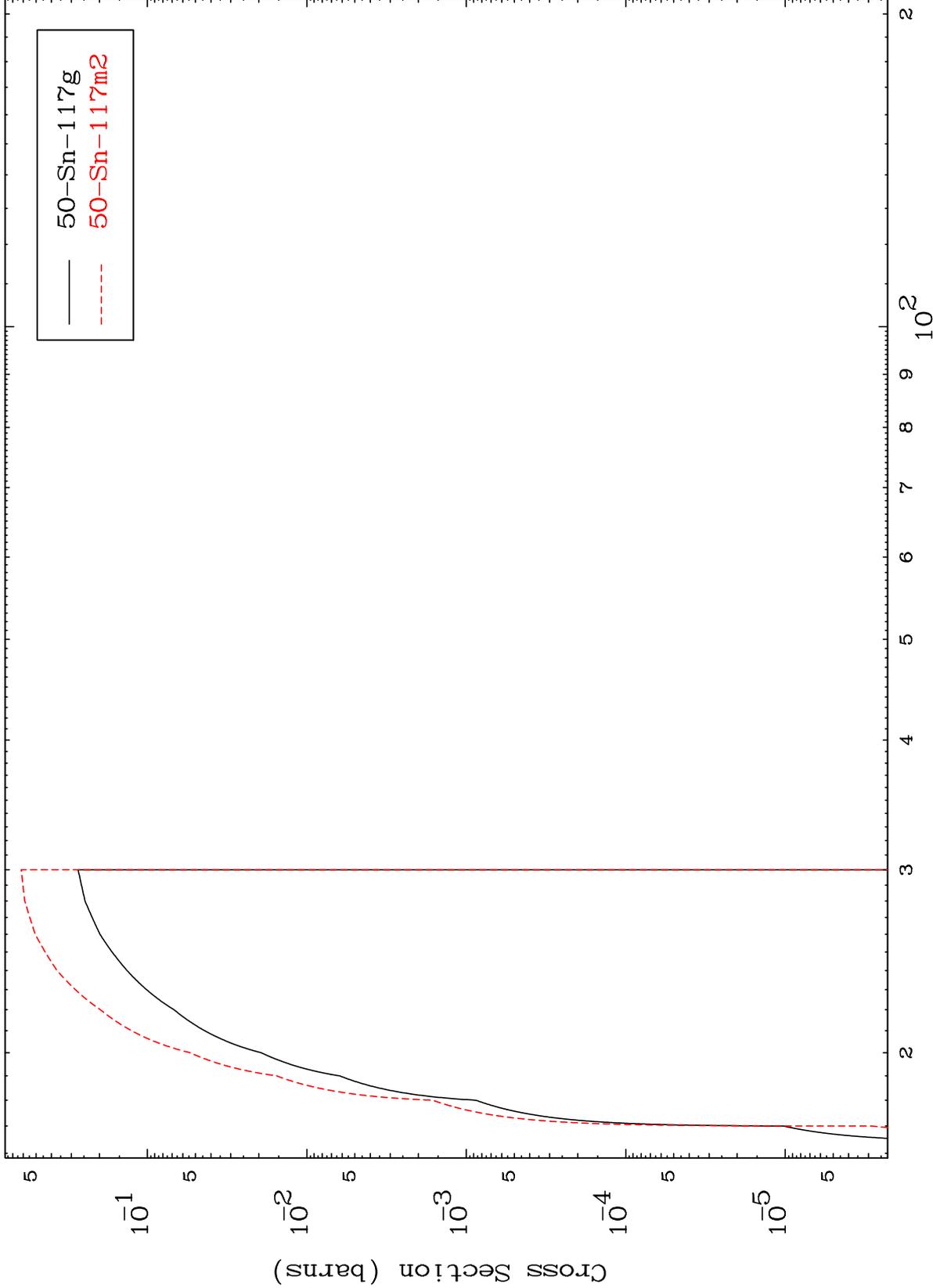
49-In-119m

MAT 4944

(n,4n)

49-In-119m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

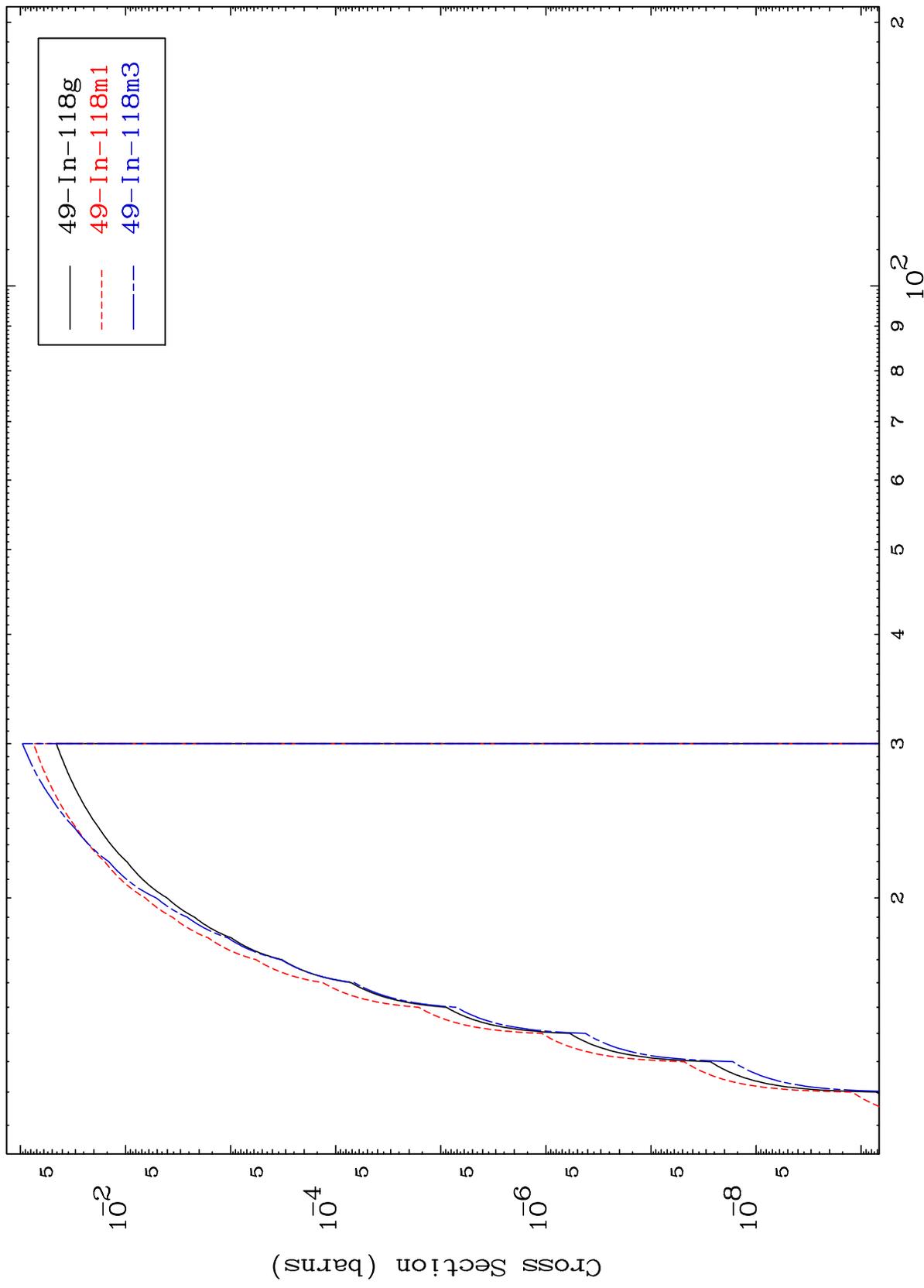
49-In-119m

MAT 4944

(n,2n) p

49-In-119m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

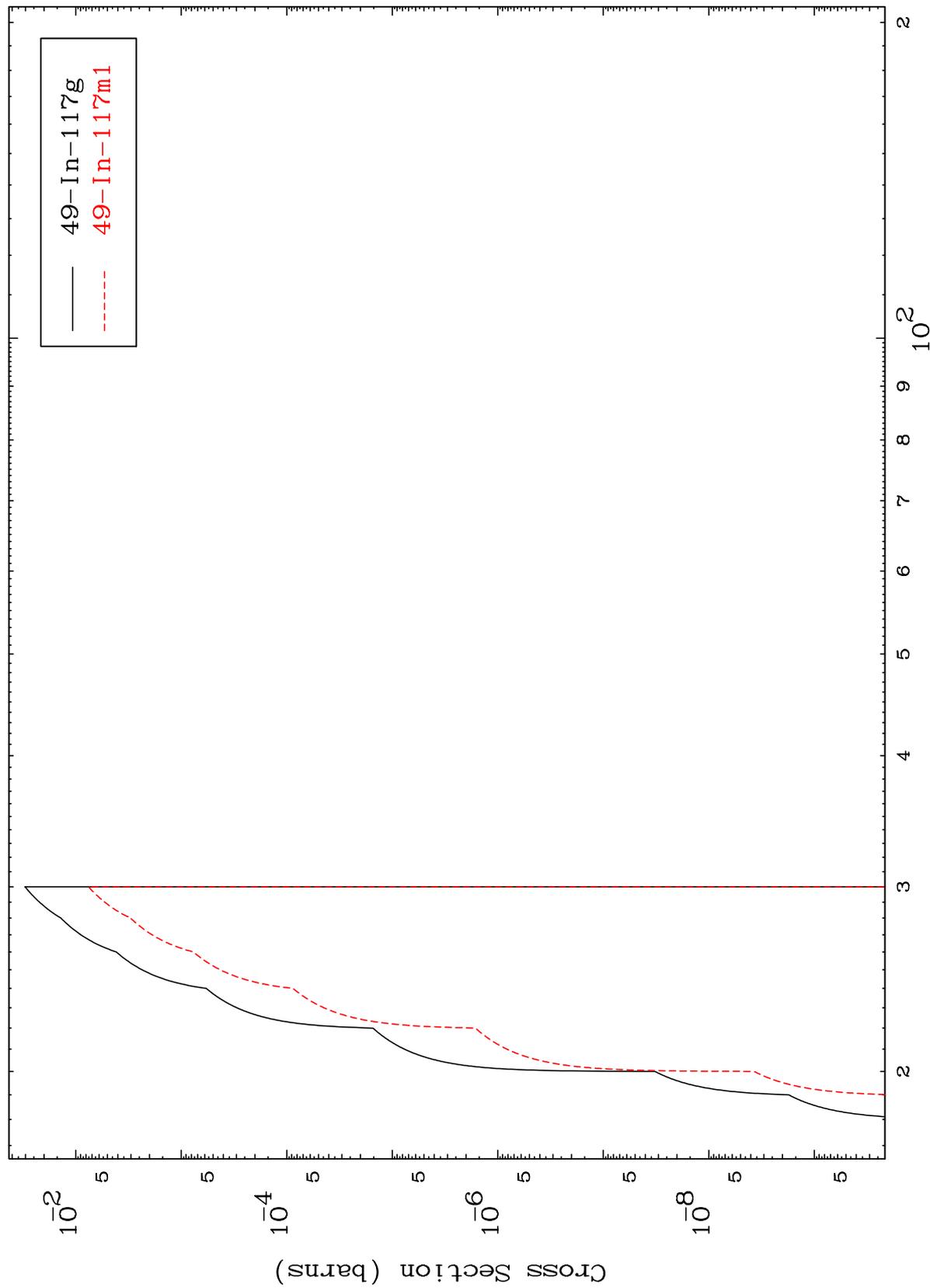
49-In-119m

MAT 4944

(n,3n) p

49-In-119m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

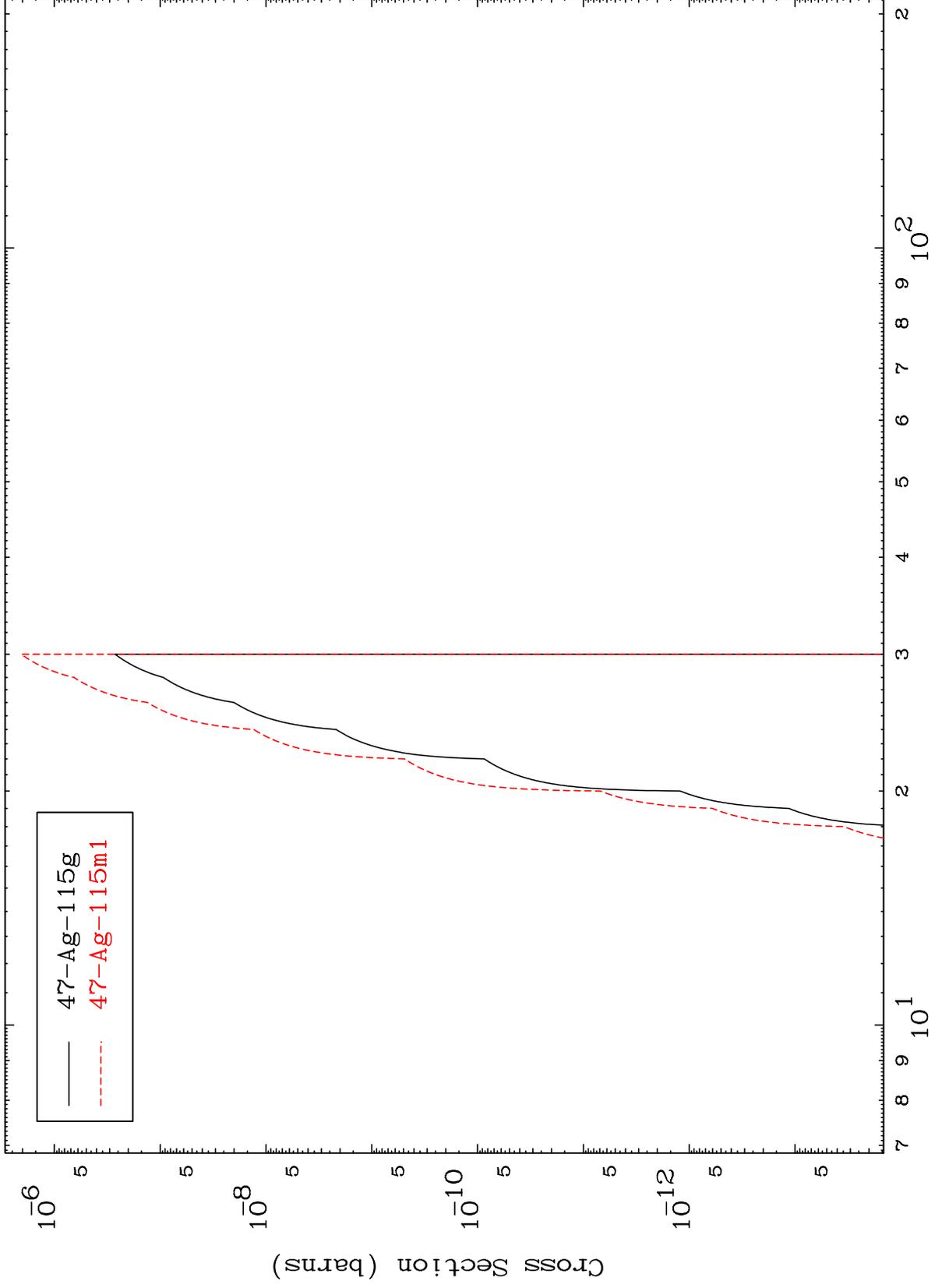
49-In-119m

MAT 4944

(n,n') p  $\alpha$

49-In-119m

Radionuclide Production Cross Section



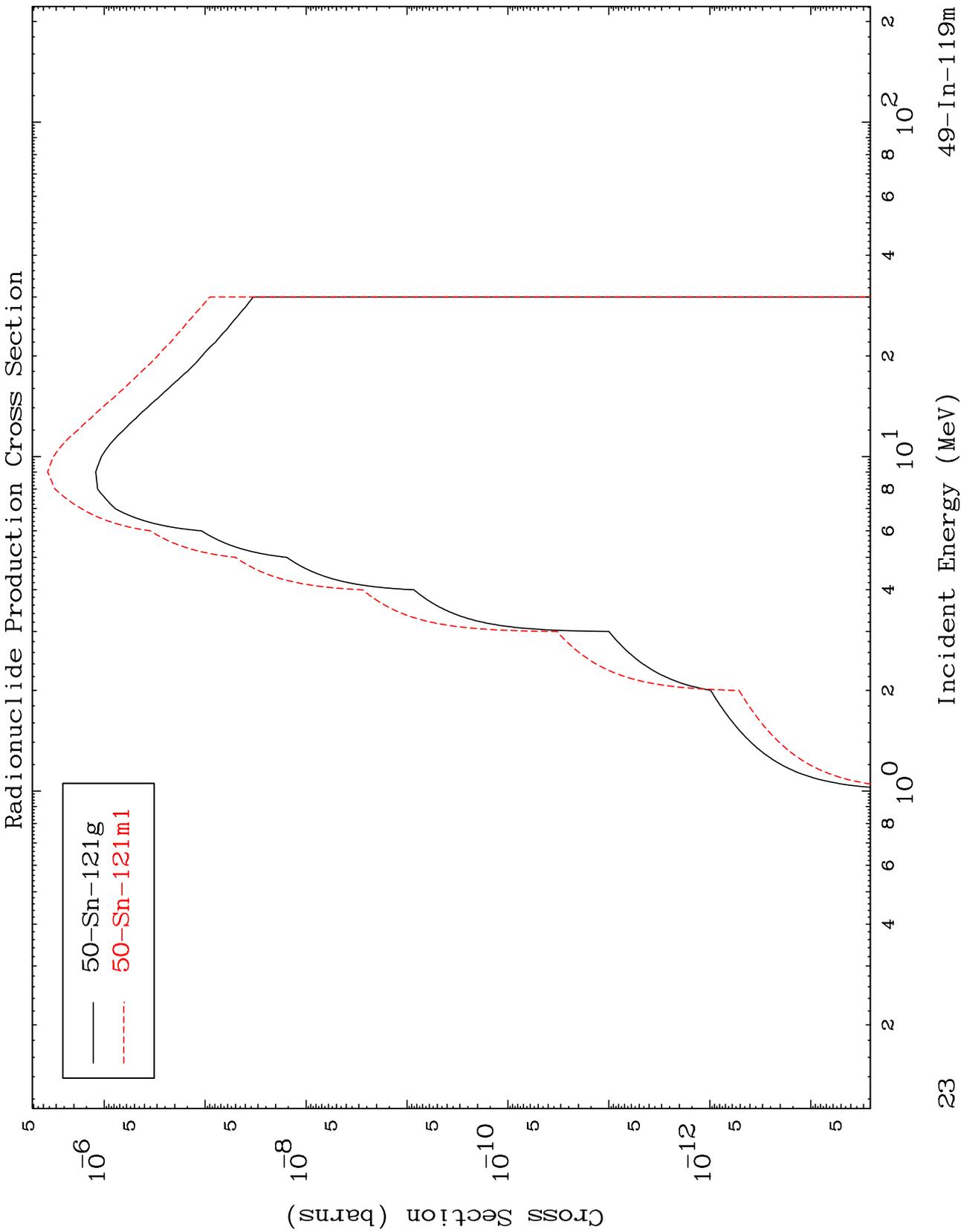
22

Incident Energy (MeV)

49-In-119m

MAT 4944

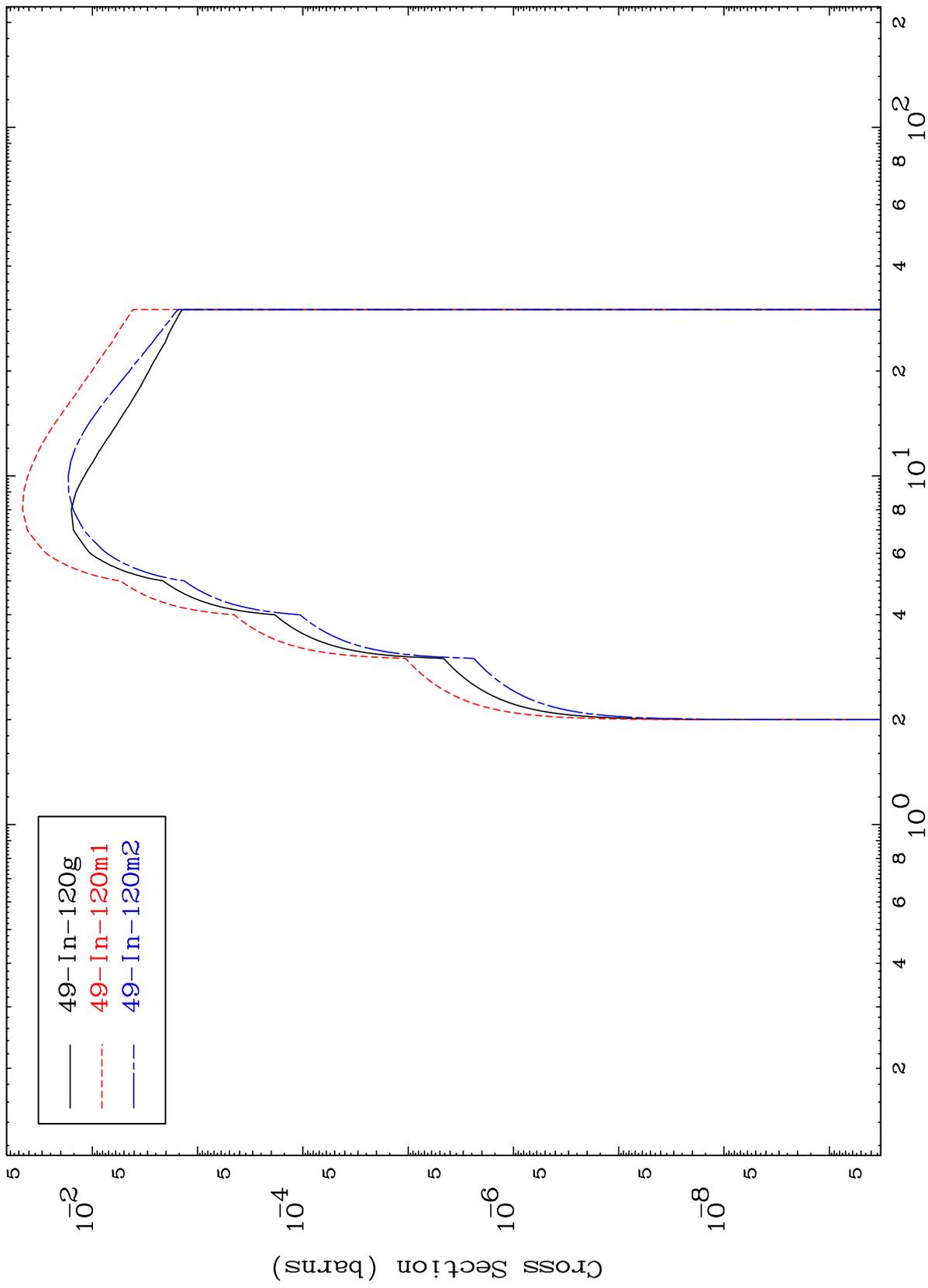
49-In-119m



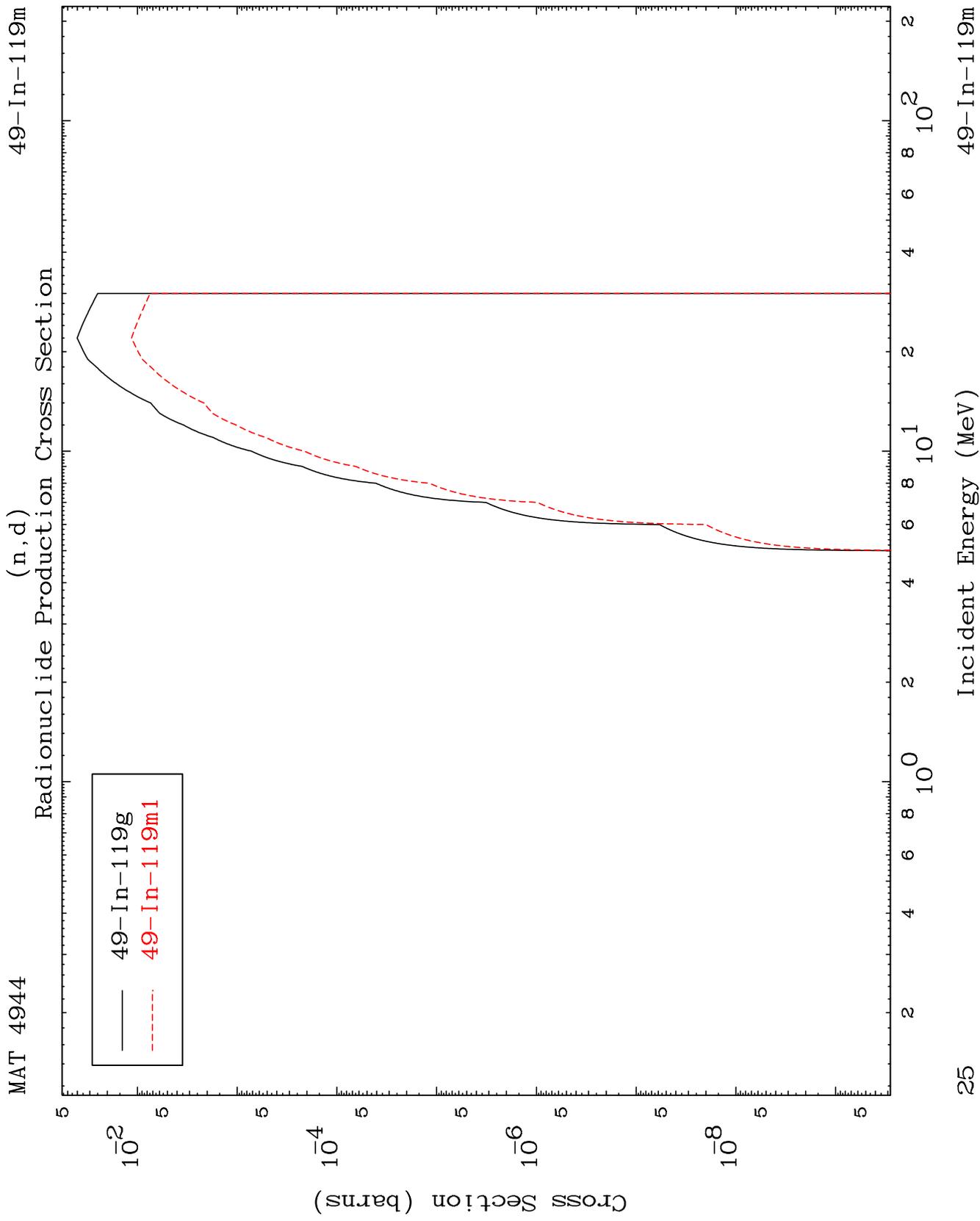
MAT 4944

49-In-119m

Radionuclide Production Cross Section (n,p)



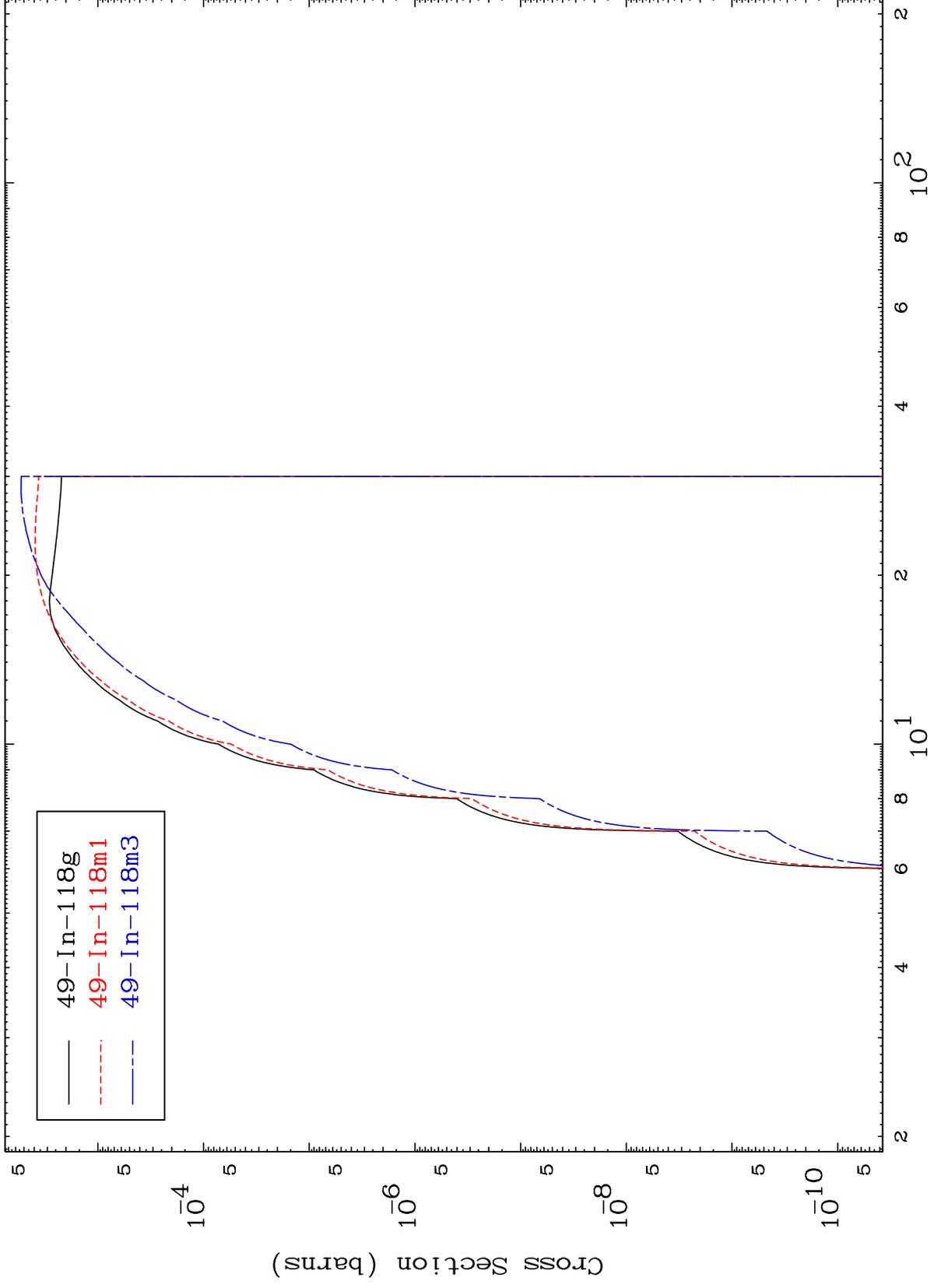
MAT 4944



MAT 4944

49-In-119m

(n,t)  
Radionuclide Production Cross Section



26

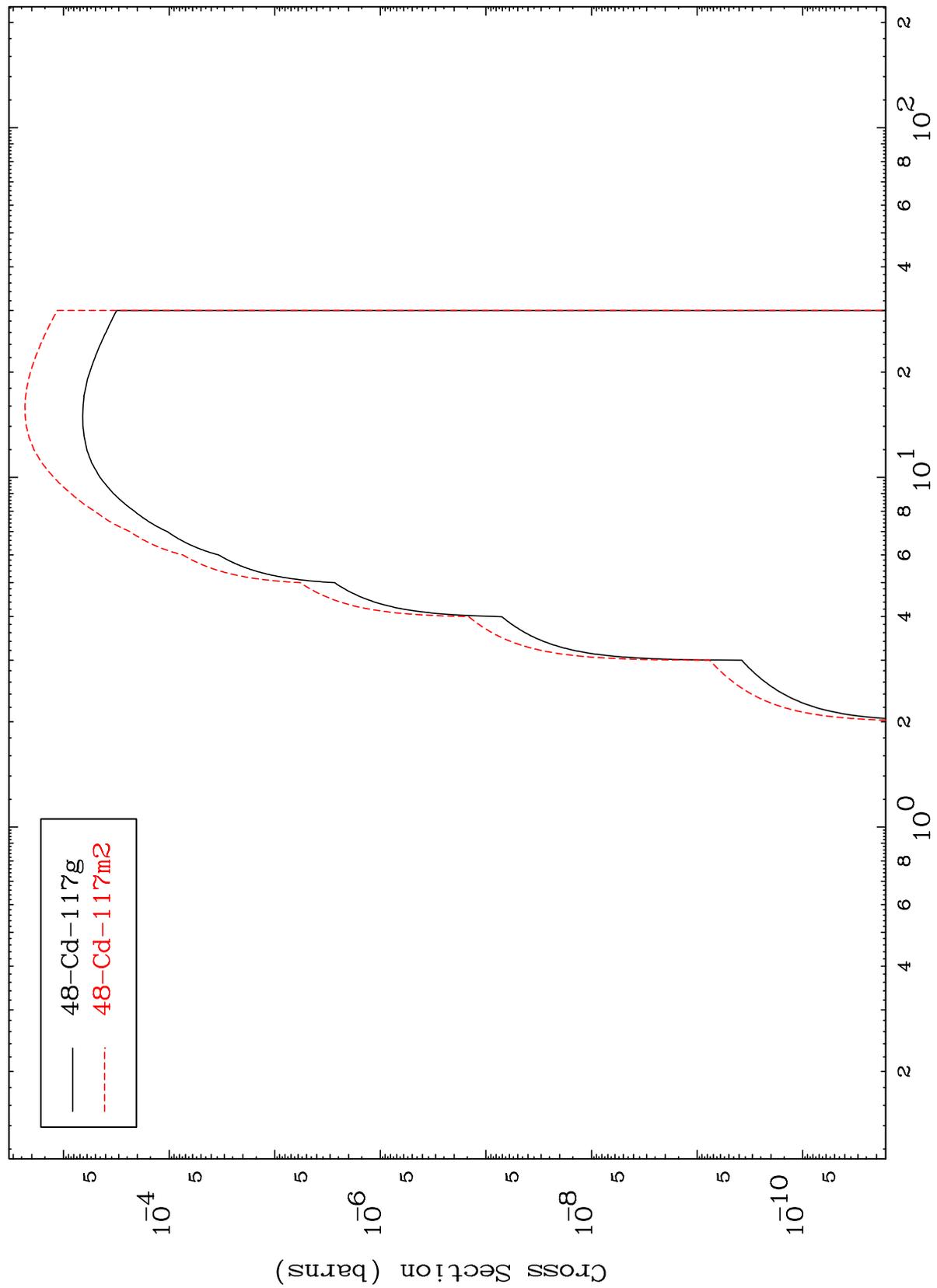
49-In-119m

Incident Energy (MeV)

MAT 4944

49-In-119m

Radionuclide Production Cross Section  
(n,  $\alpha$ )



49-In-119m

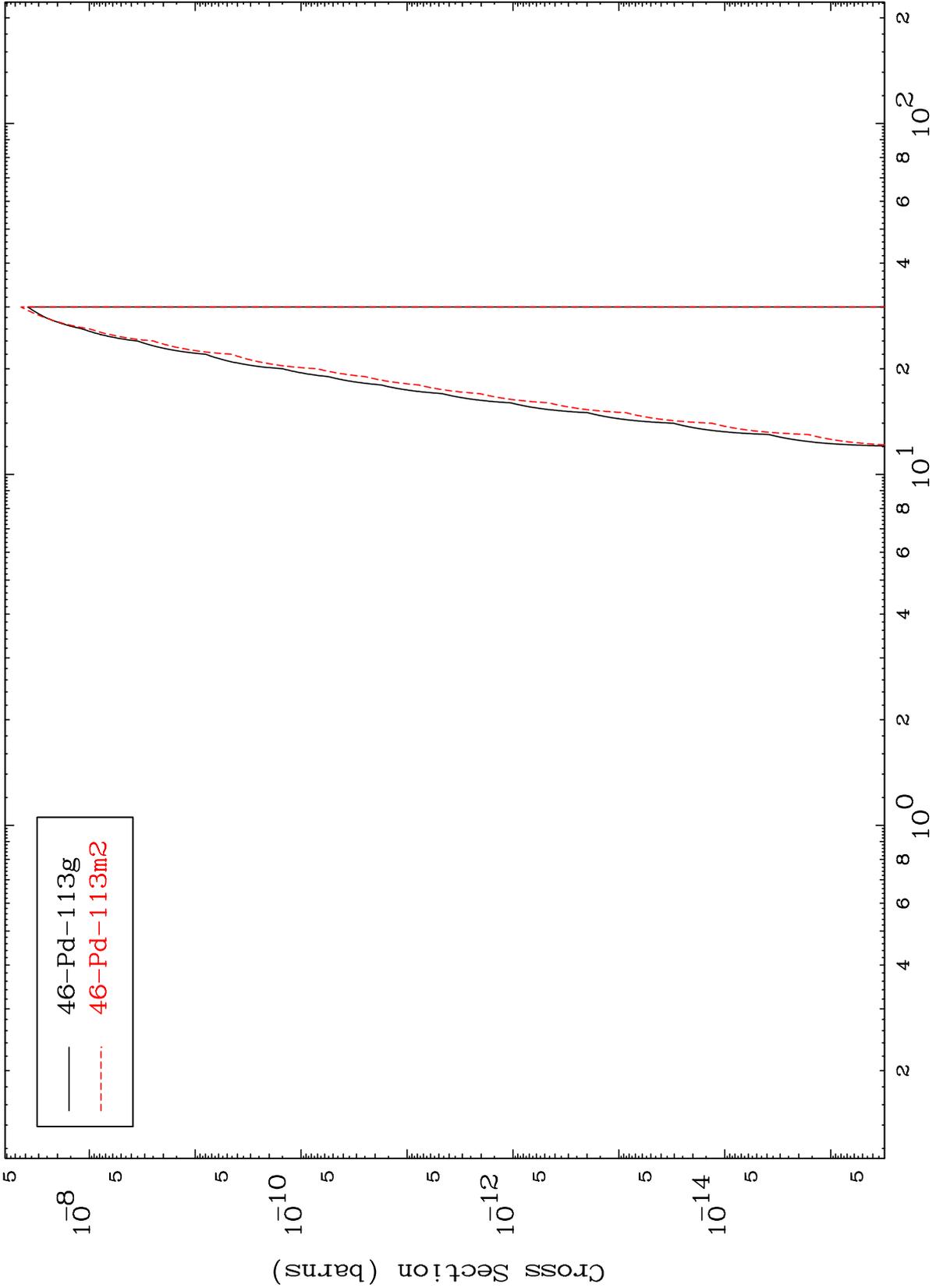
Incident Energy (MeV)

MAT 4944

(n,2α)

49-In-119m

Radionuclide Production Cross Section

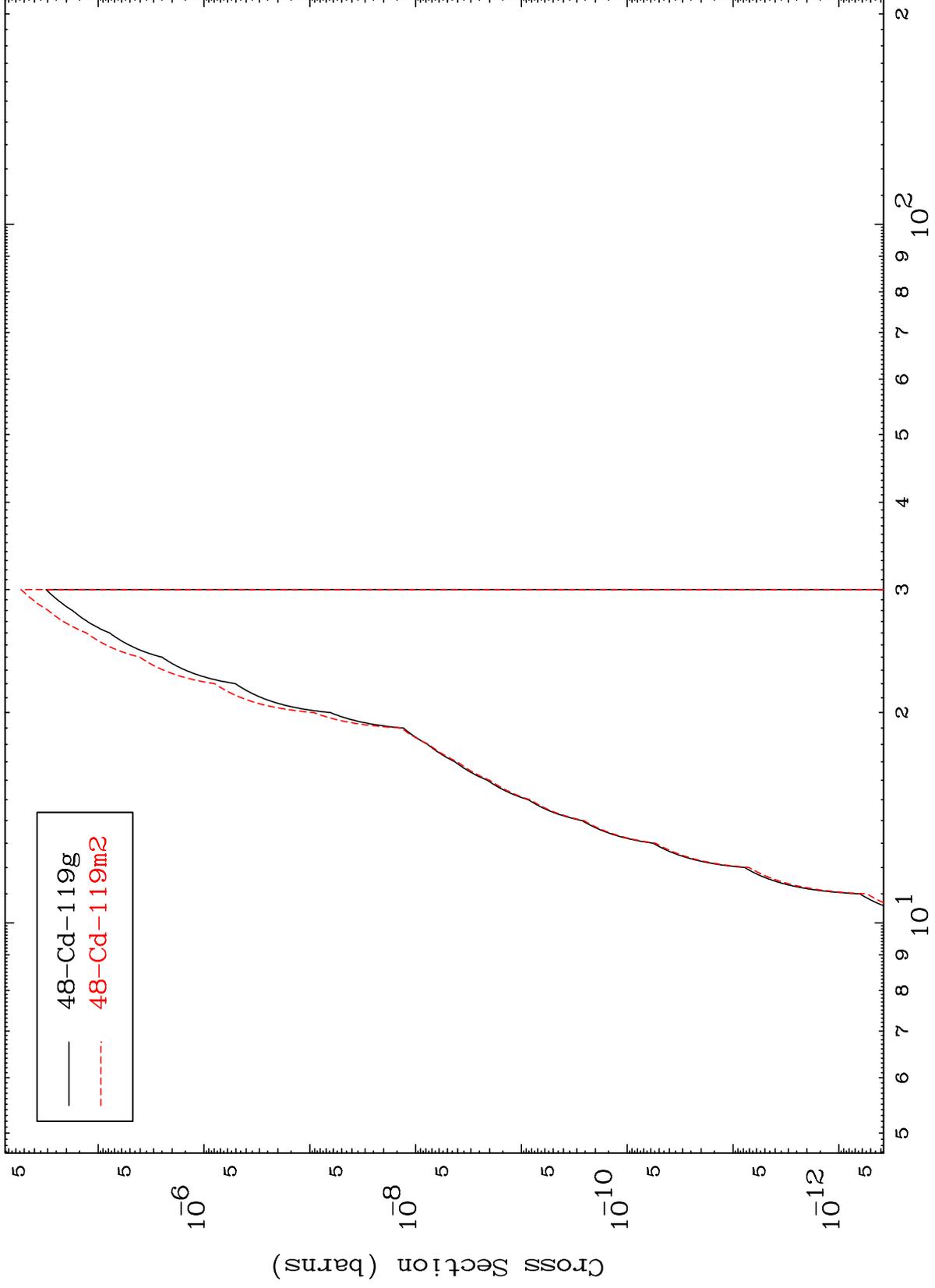


— 46-Pd-113g  
- - - 46-Pd-113m2

MAT 4944

49-In-119m

(n,2p)  
Radionuclide Production Cross Section



29

Incident Energy (MeV)

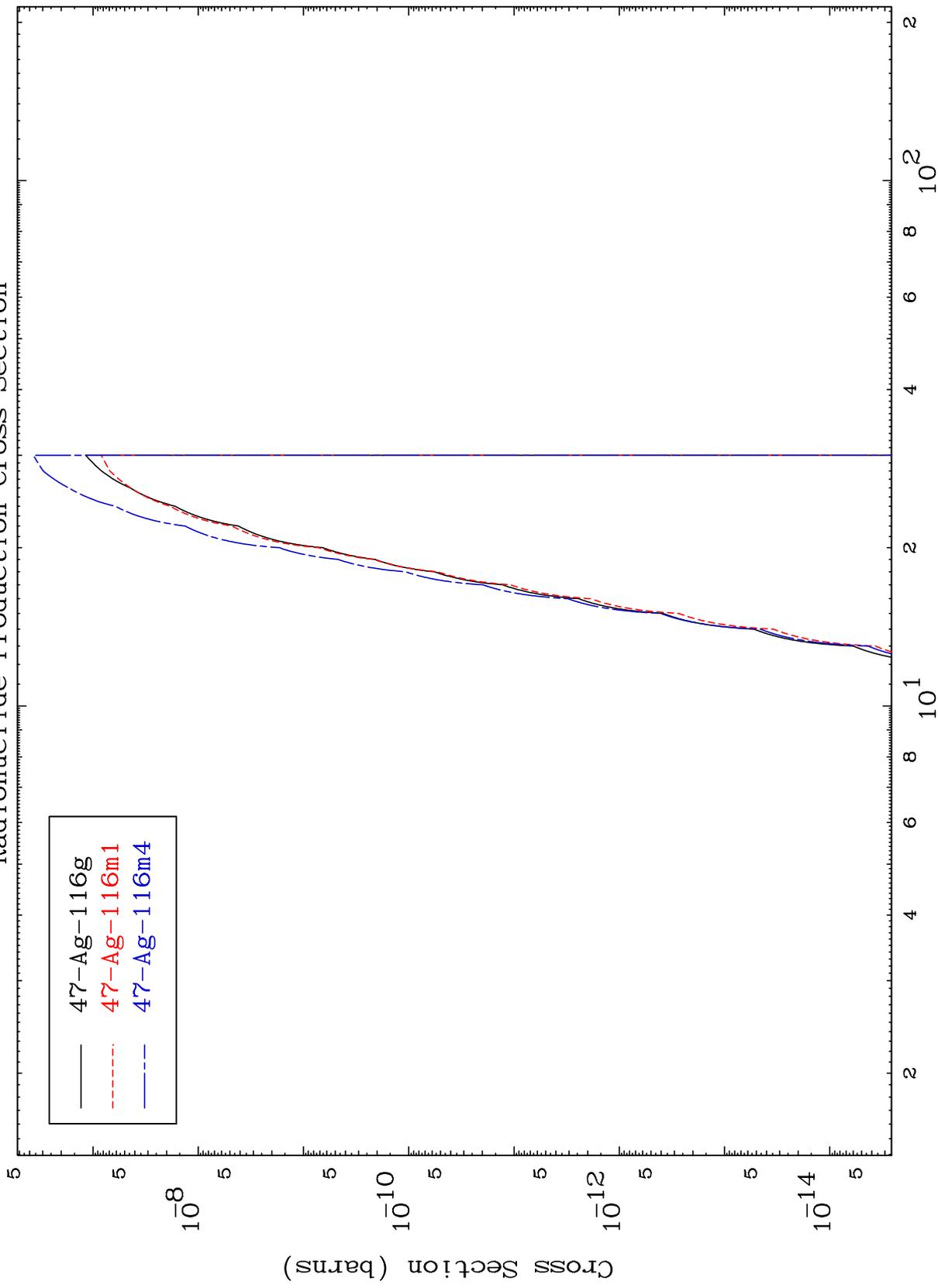
49-In-119m

MAT 4944

49-In-119m

(n,p)  $\alpha$

Radionuclide Production Cross Section



30

Incident Energy (MeV)

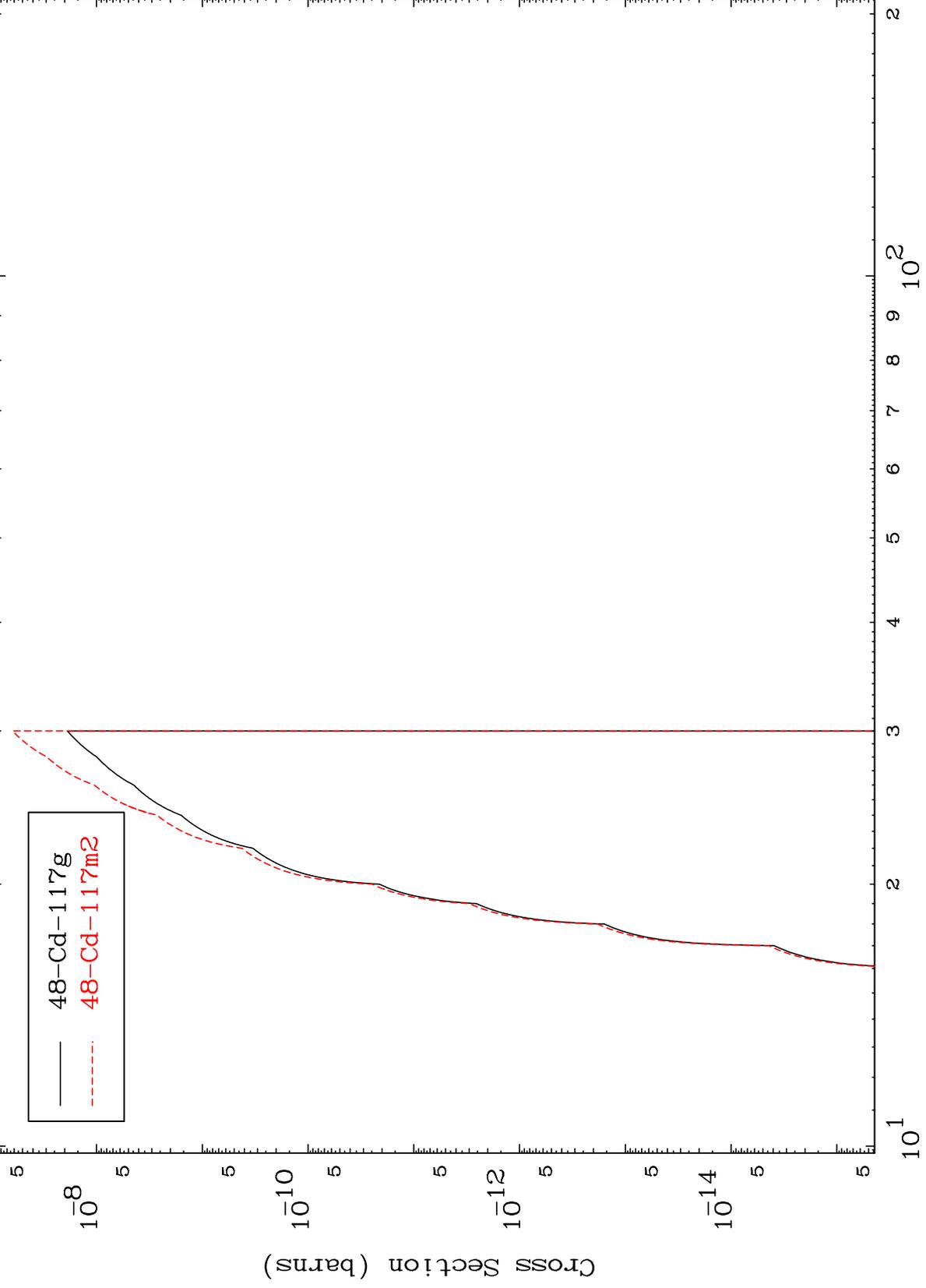
49-In-119m

MAT 4944

(n,p) t

49-In-119m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

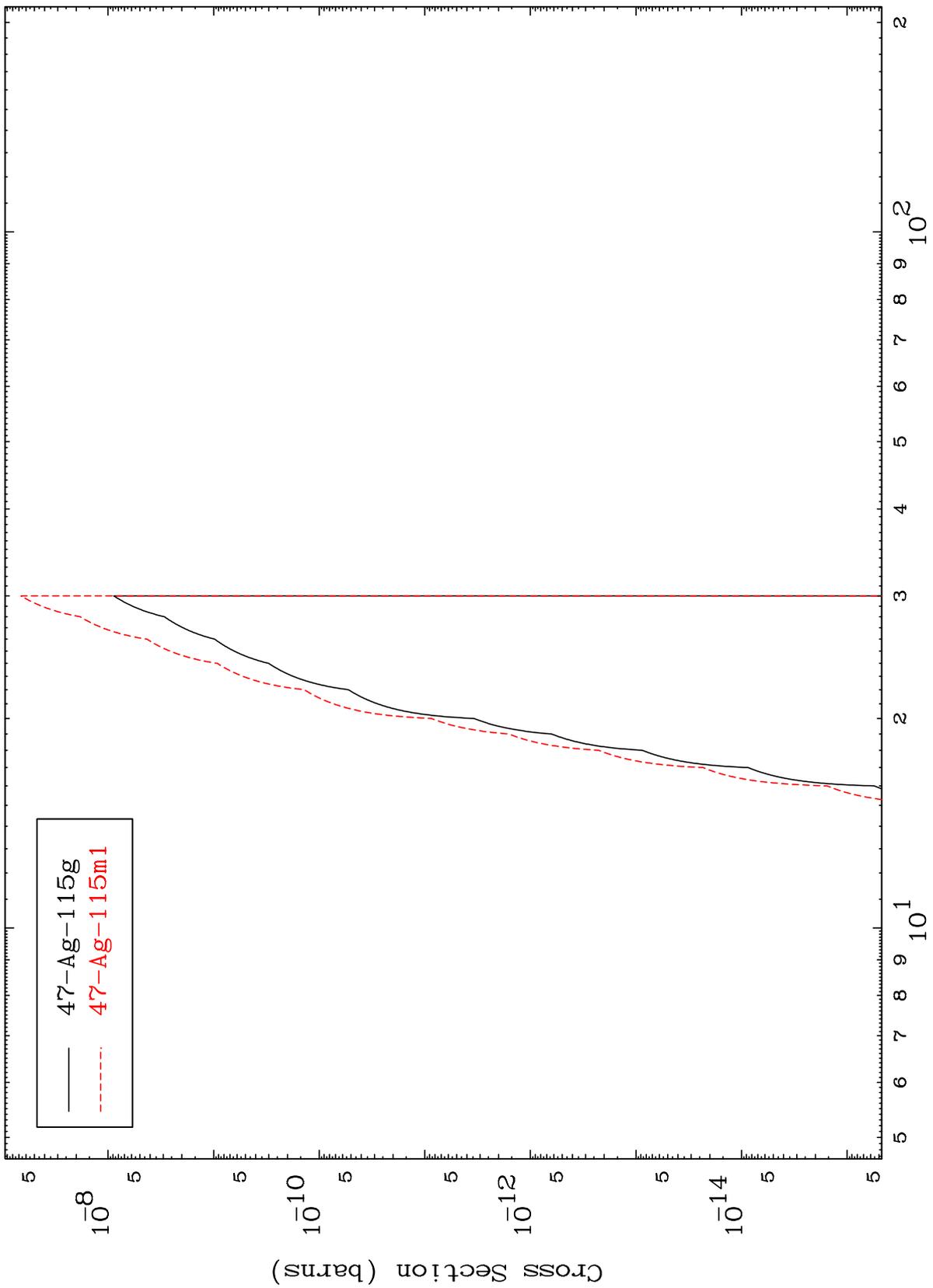
49-In-119m

MAT 4944

(n,d)  $\alpha$

49-In-119m

Radionuclide Production Cross Section



— 47-Ag-115g  
- - - 47-Ag-115m1

Incident Energy (MeV)

49-In-119m

32