

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

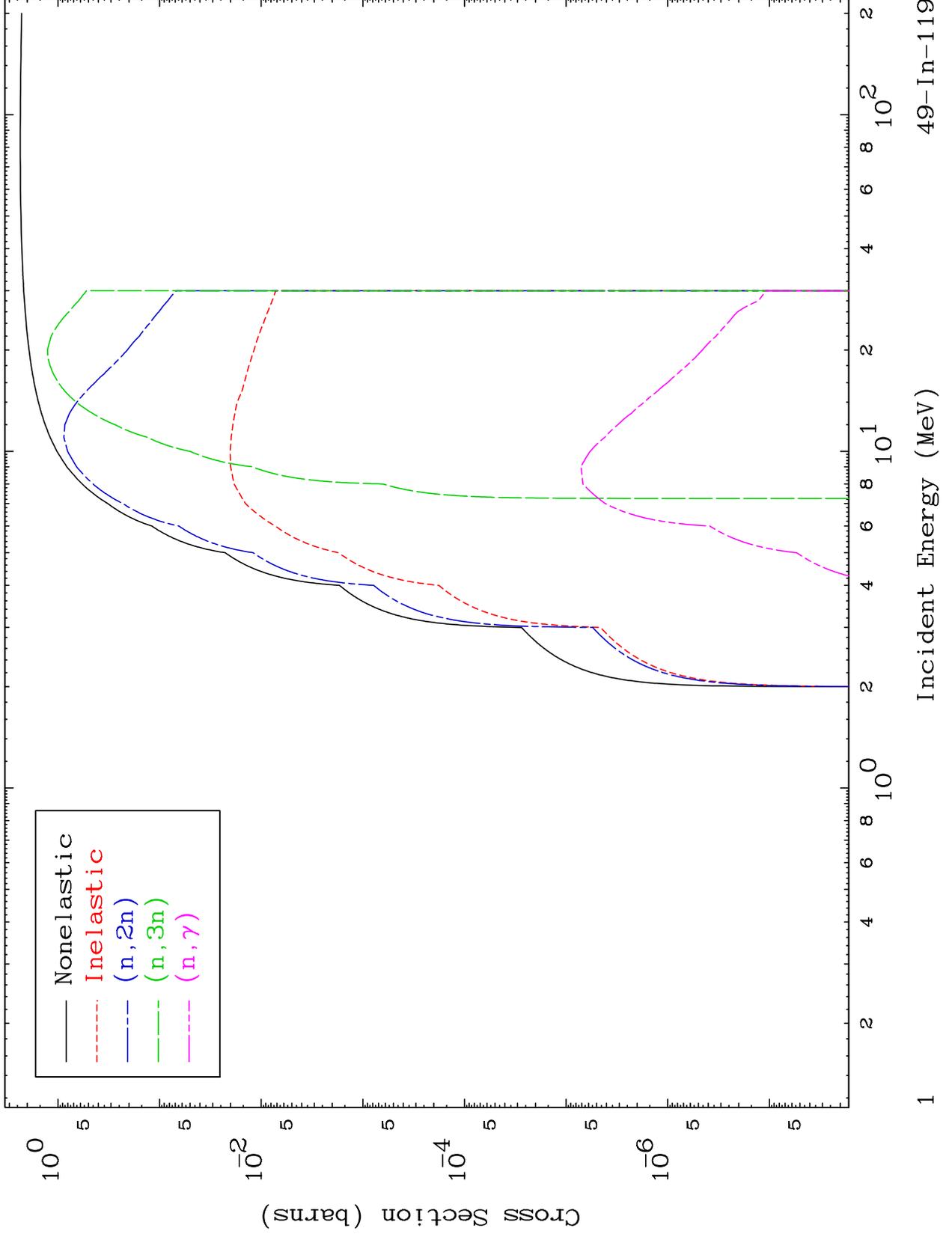
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Livermore, CA 94550
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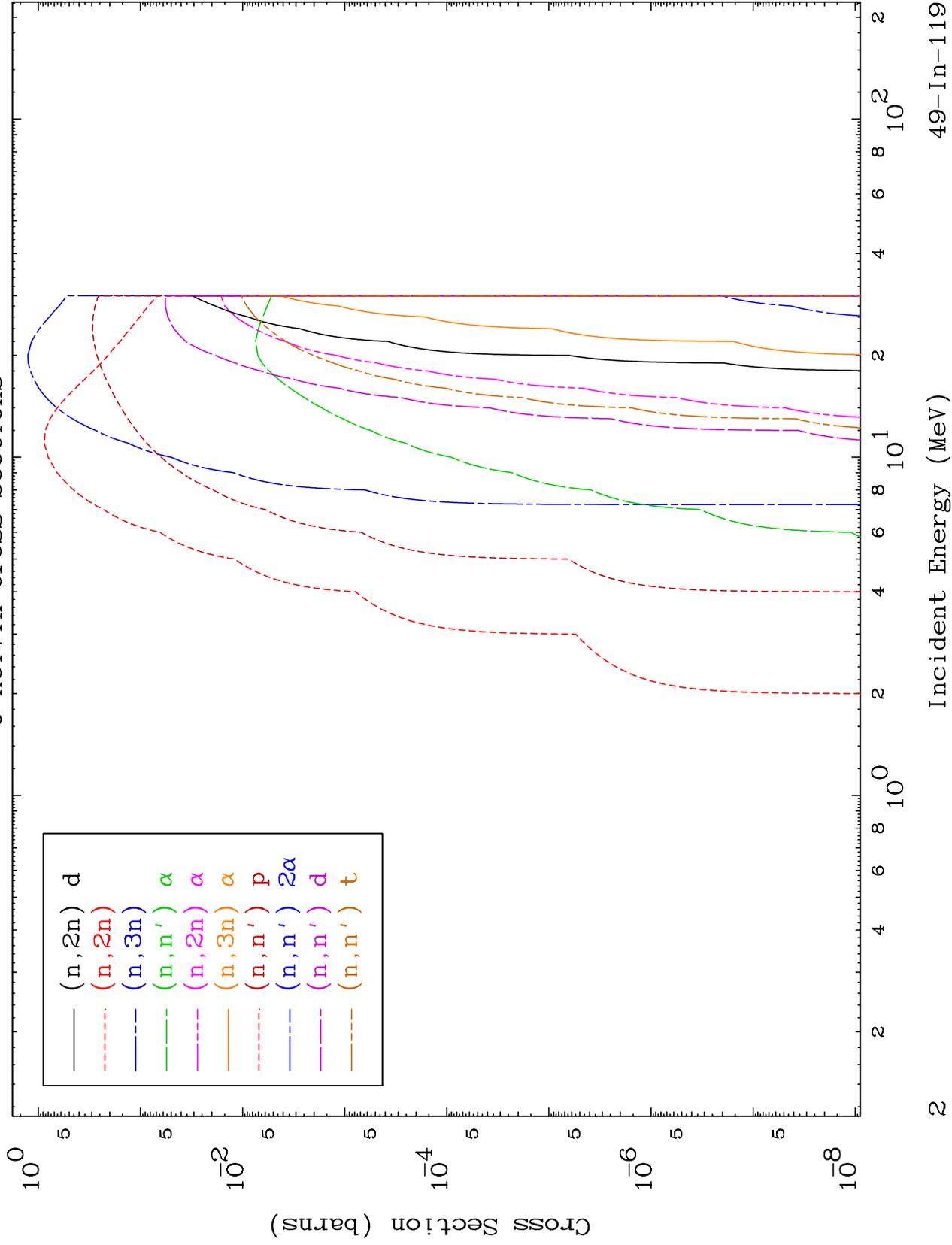
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

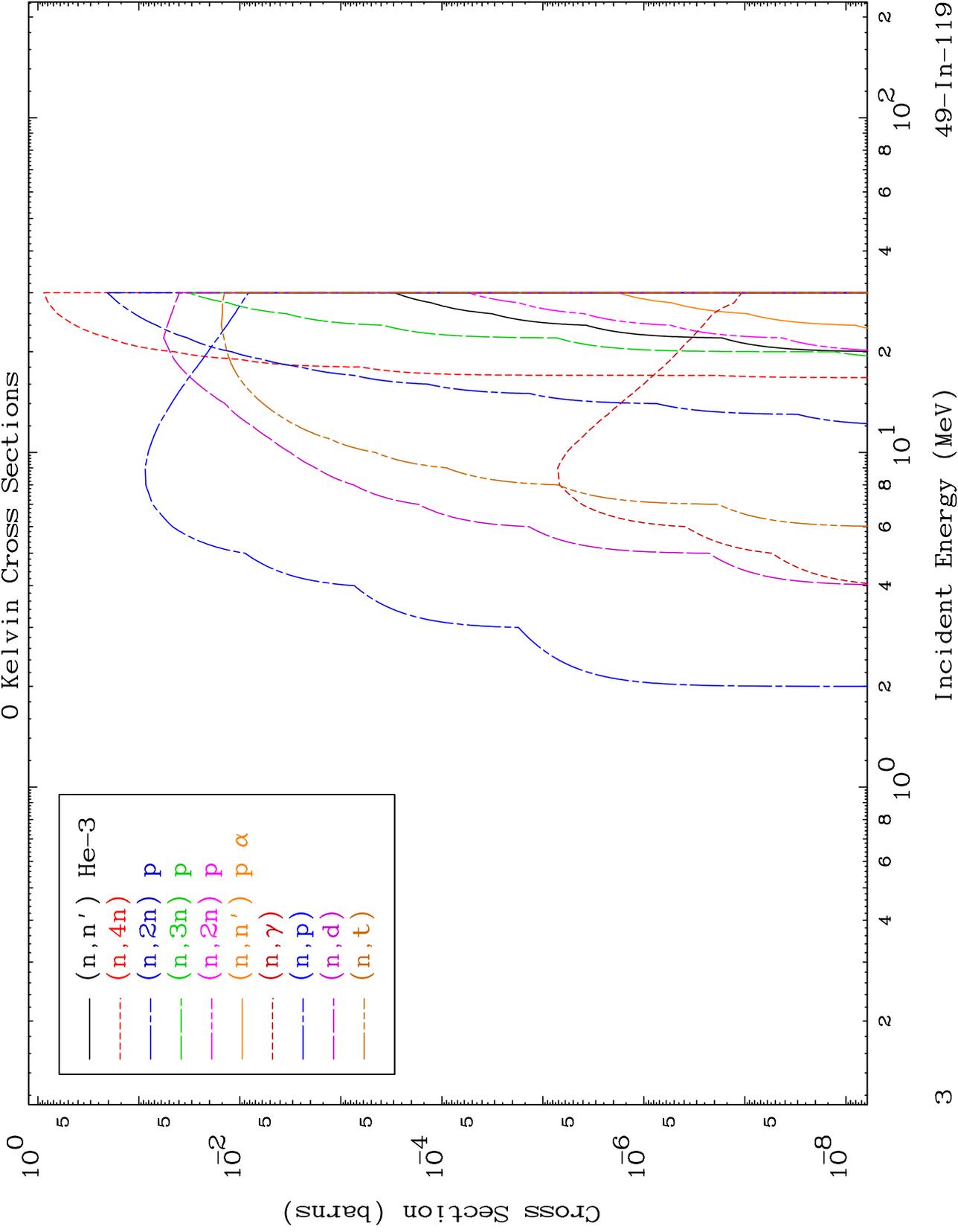


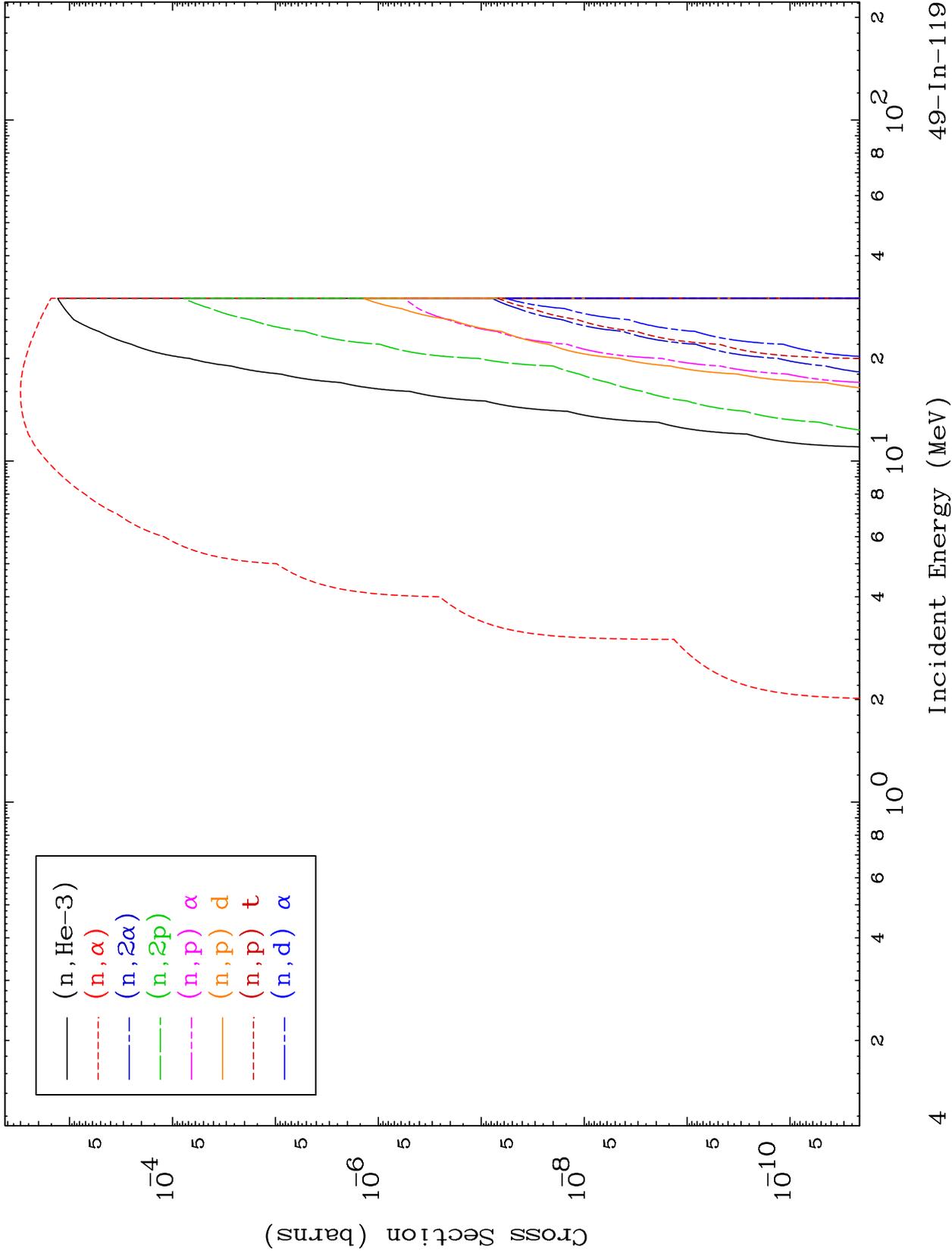


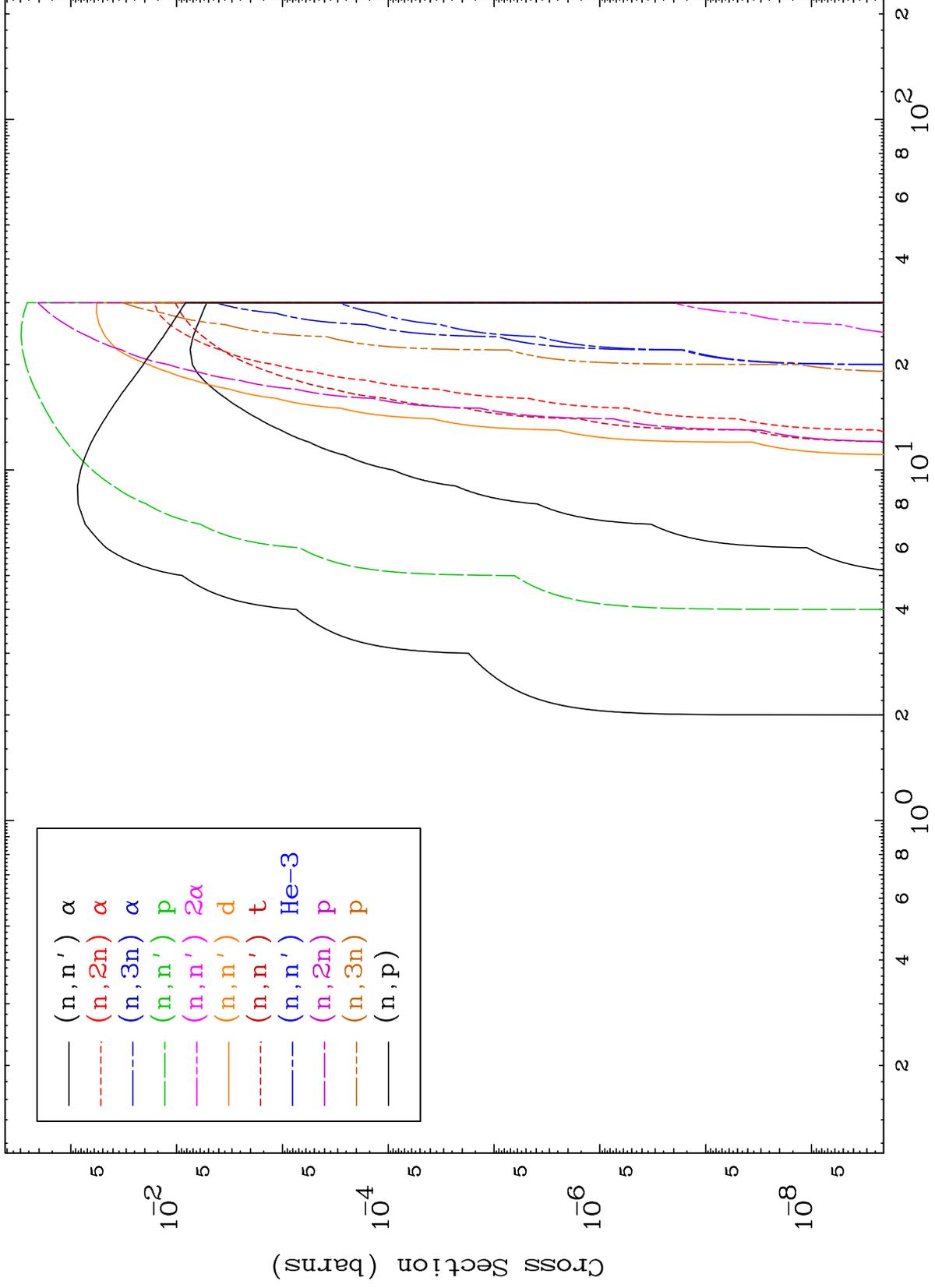
MAT 4943

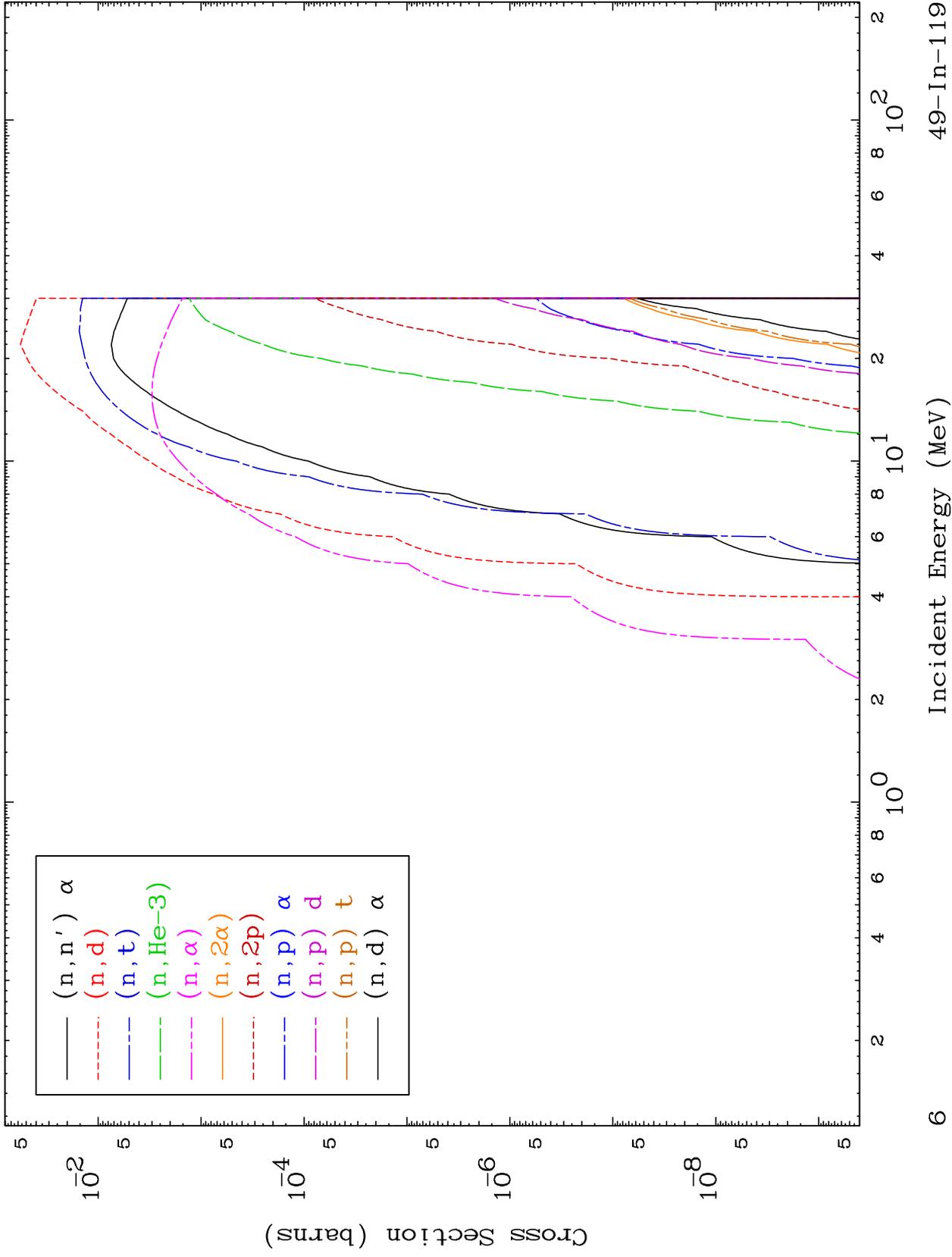
Deuteron Neutron Absorption
0 Kelvin Cross Sections

49-In-119







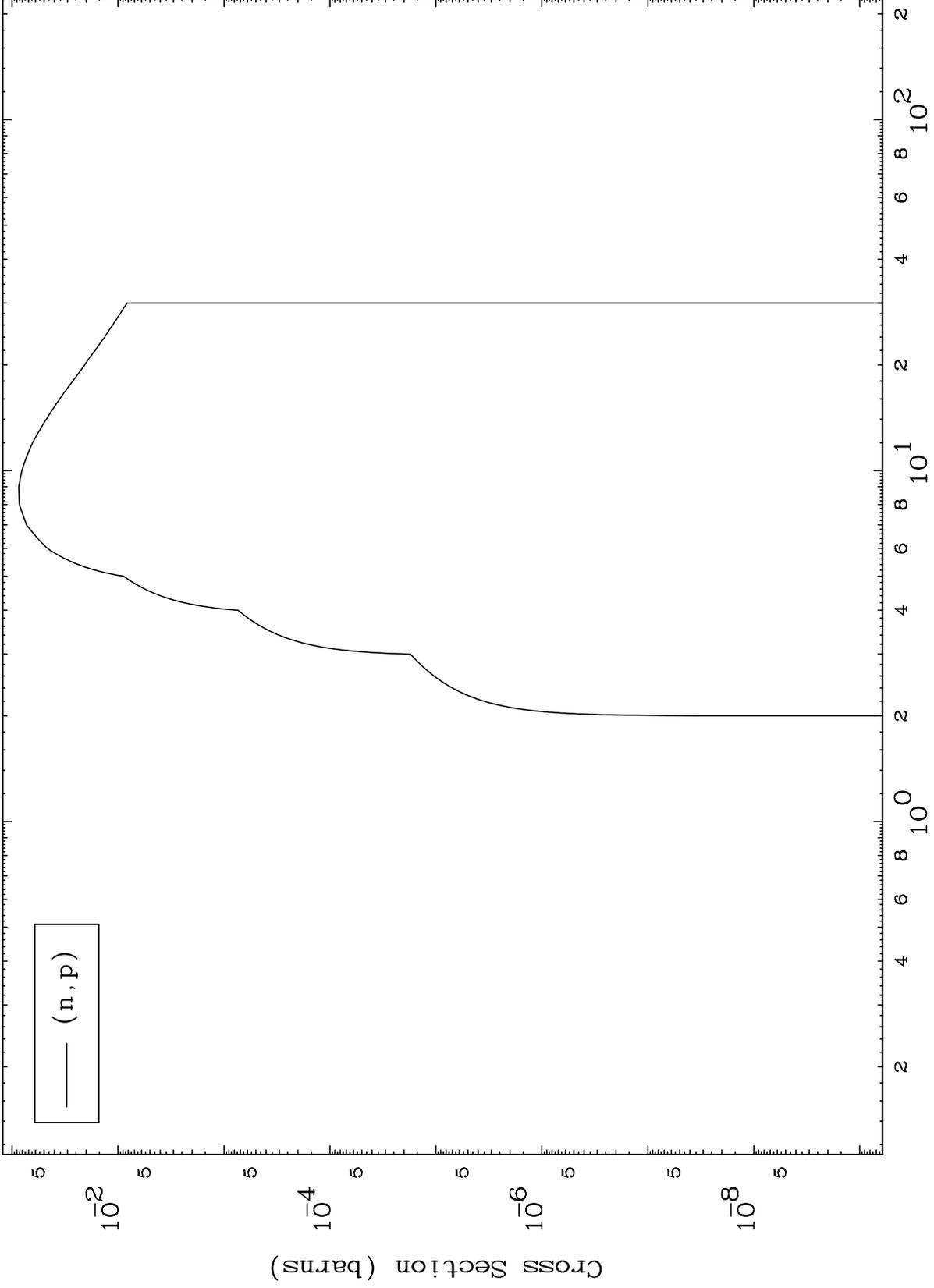


MAT 4943

(d,p) Levels

49-In-119

0 Kelvin Cross Sections

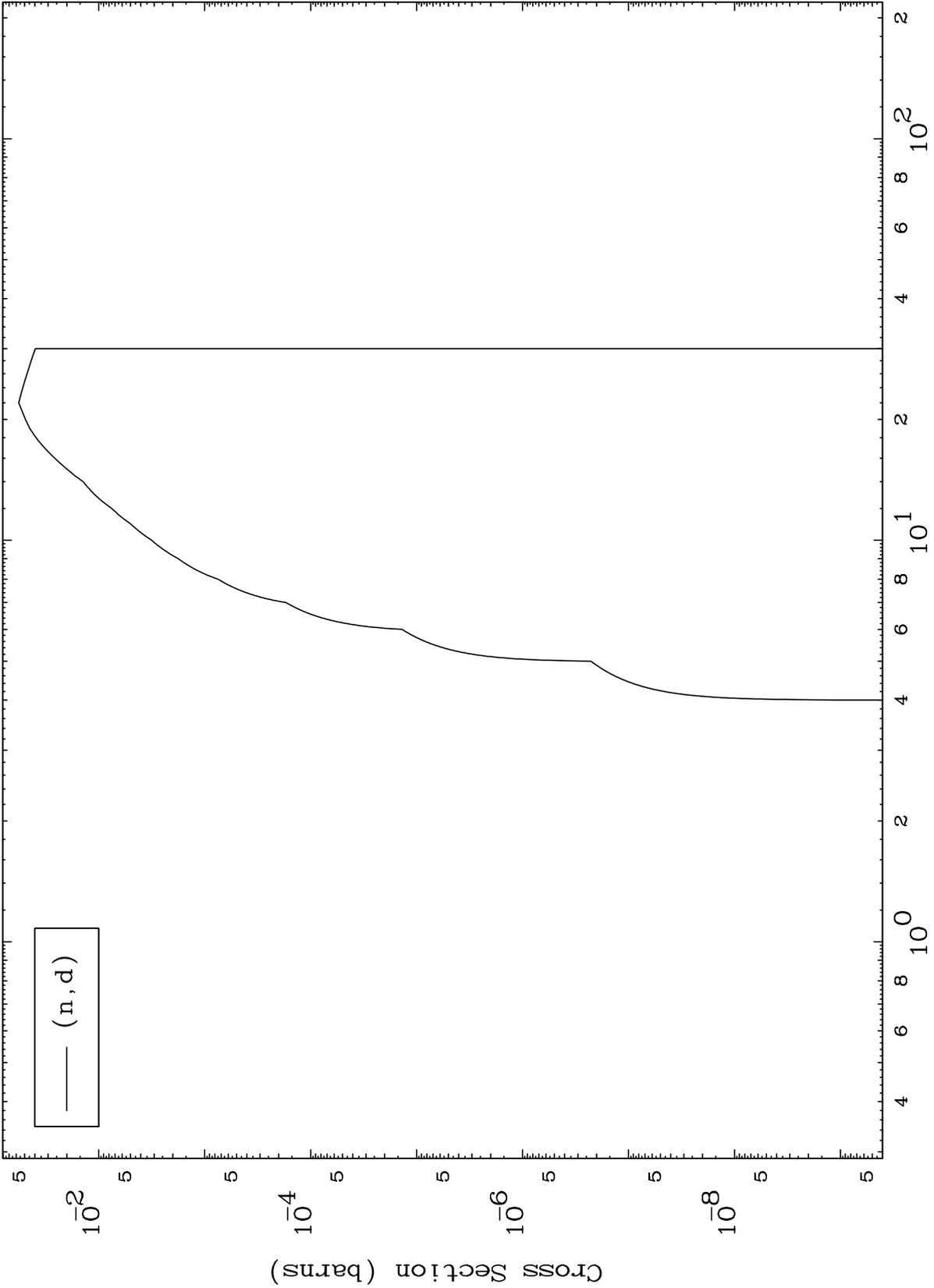


MAT 4943

(d,d) Levels

49-In-119

0 Kelvin Cross Sections

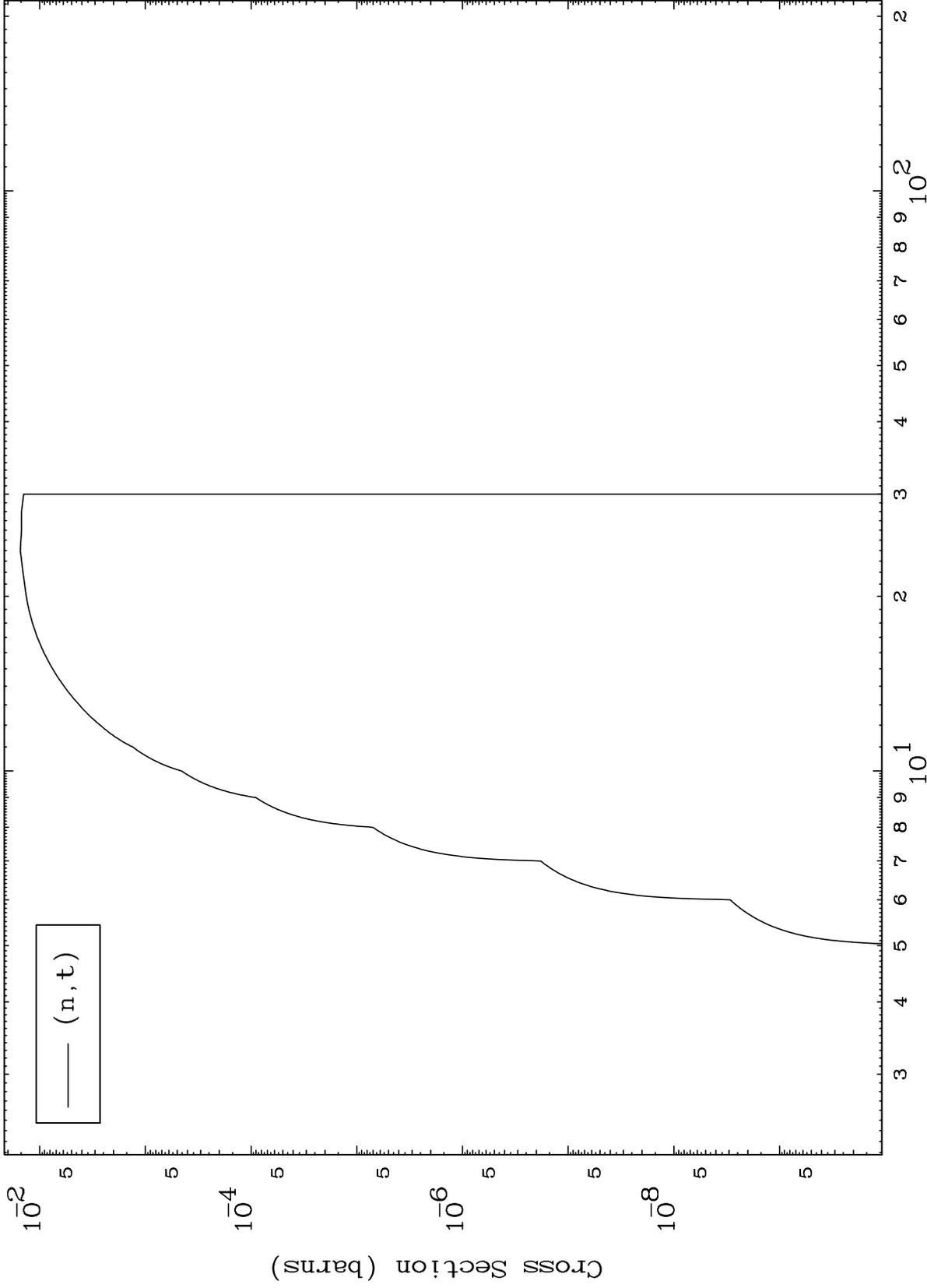


MAT 4943

(d,t) Levels

49-In-119

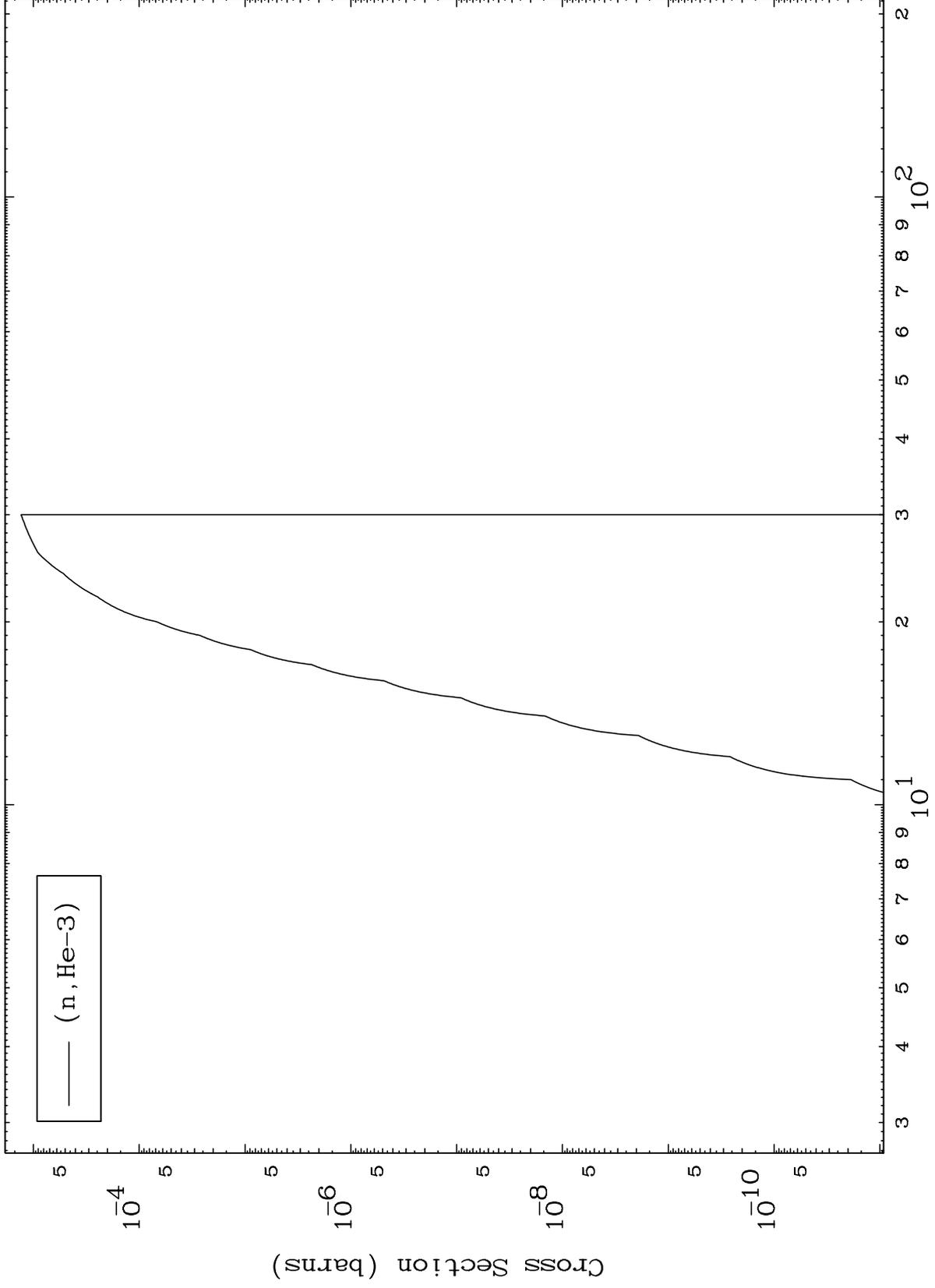
0 Kelvin Cross Sections



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49-In-119

(d,He3) Levels
0 Kelvin Cross Sections



— (n, He-3)

49-In-119

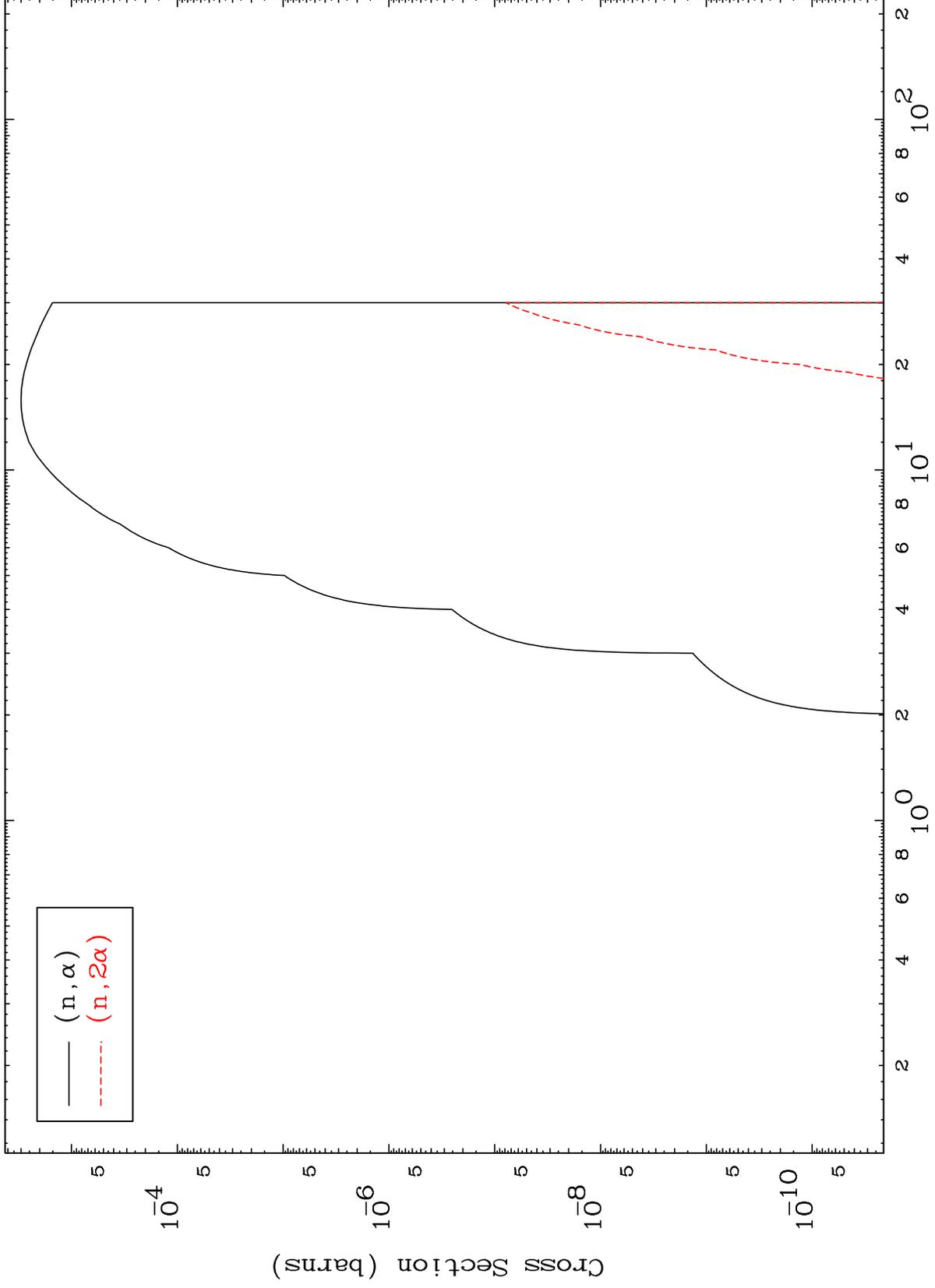
Incident Energy (MeV)

10

MAT 4943

(d, α) Levels
0 Kelvin Cross Sections

49-In-119

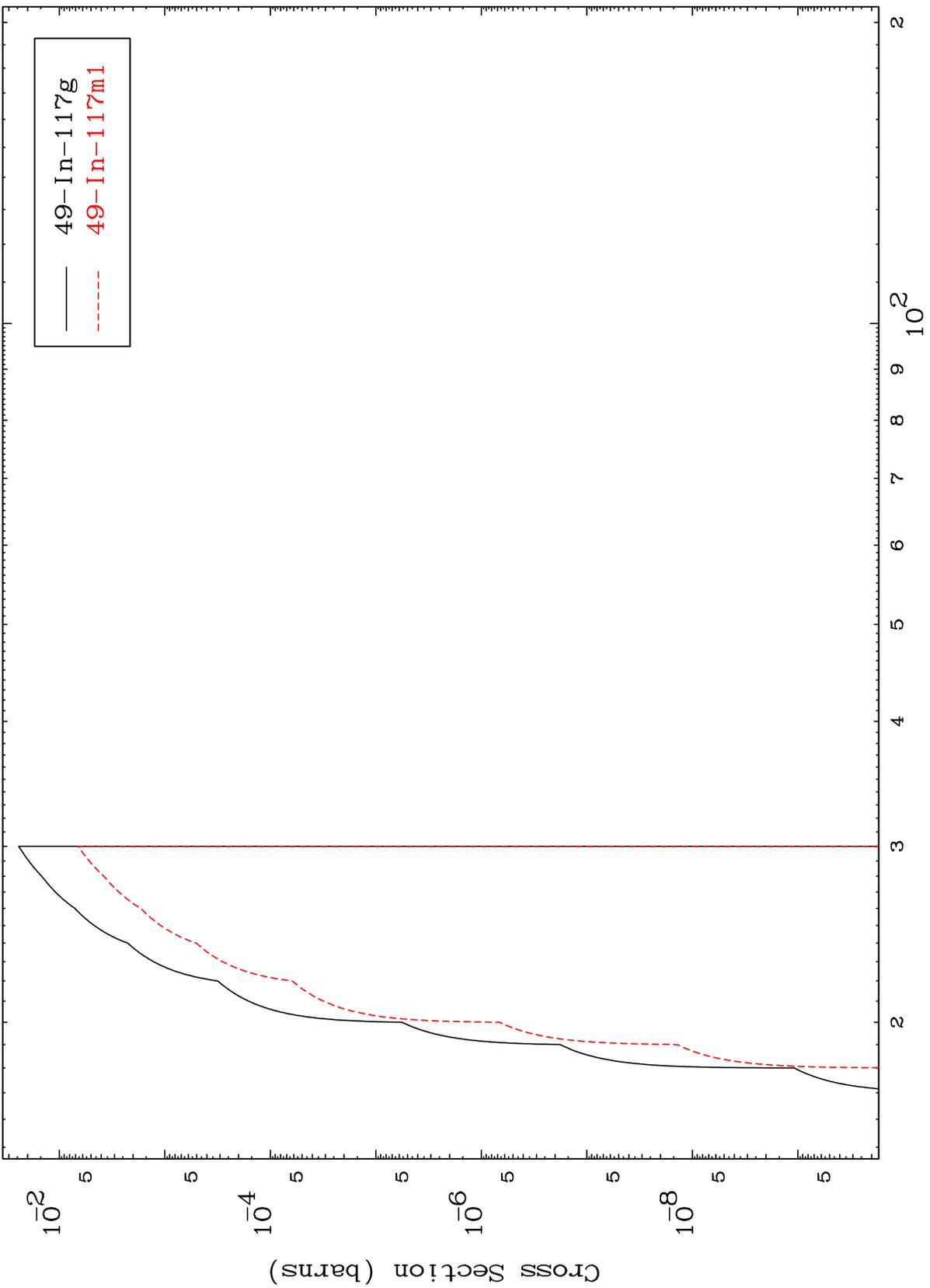


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(n,2n) d

49-In-119

Radionuclide Production Cross Section



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

12

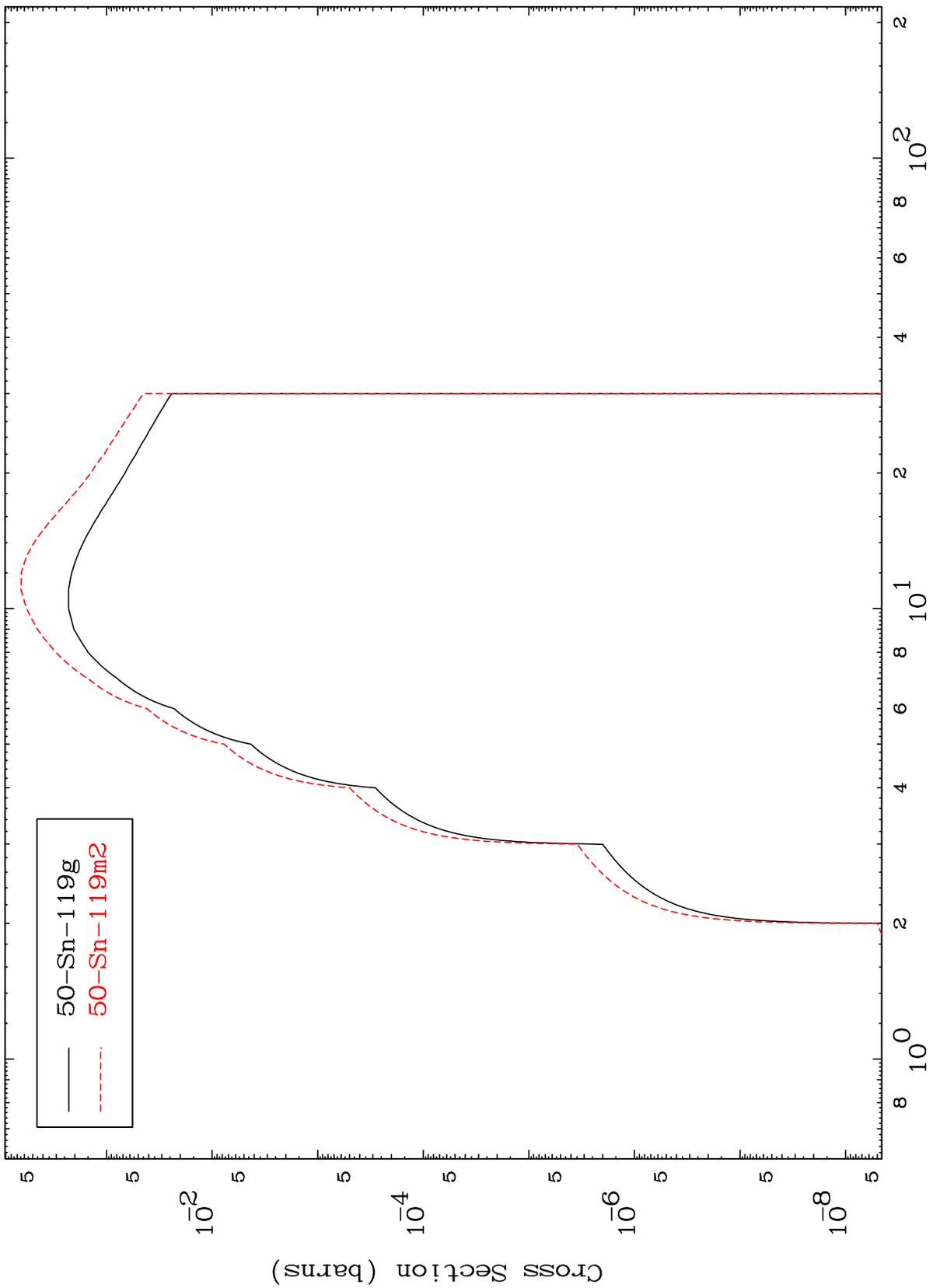
Incident Energy (MeV)

49-In-119

MAT 4943

49-In-119

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-119

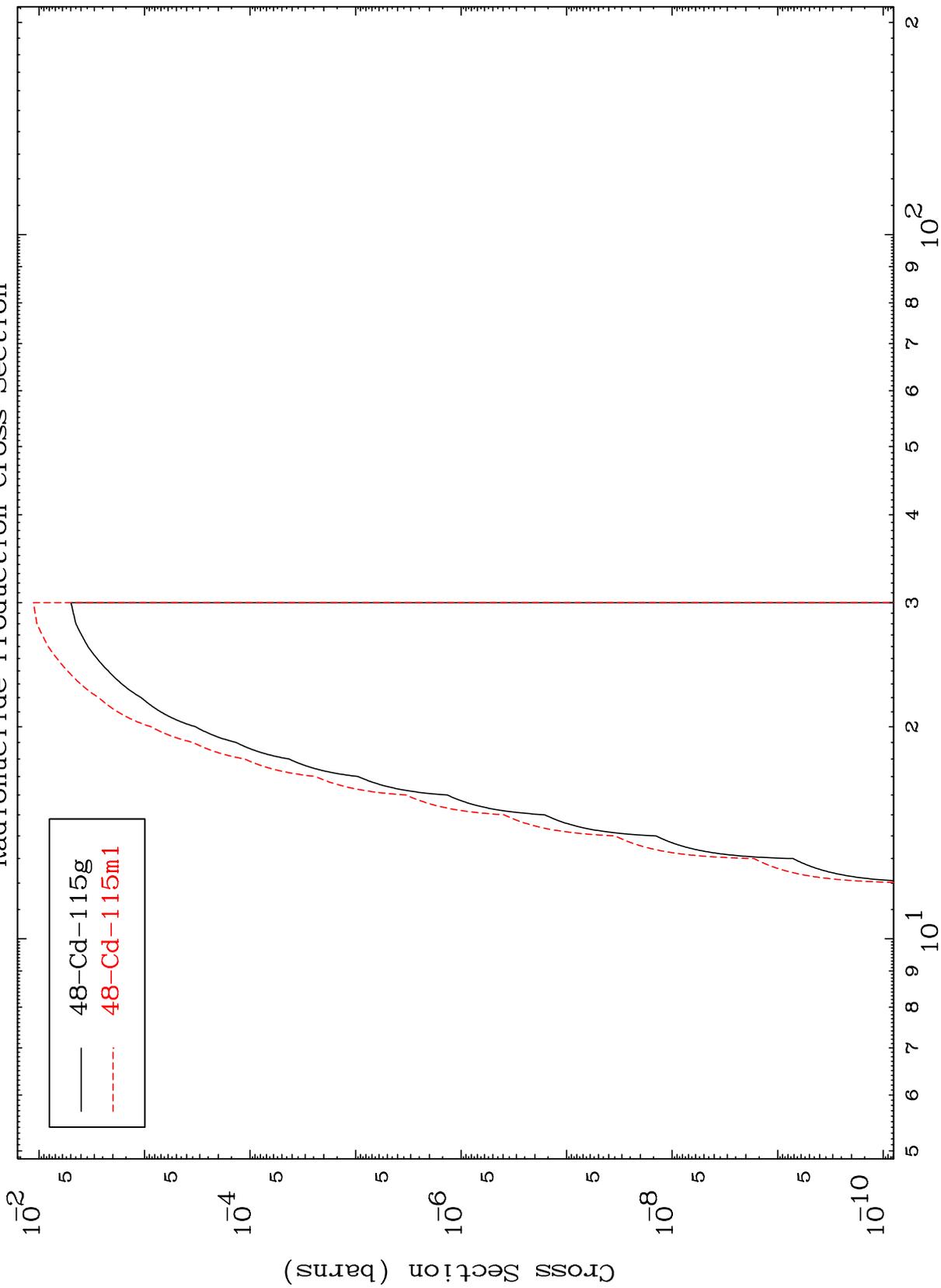
13

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(n,2n) α

49-In-119

Radionuclide Production Cross Section



Incident Energy (MeV)

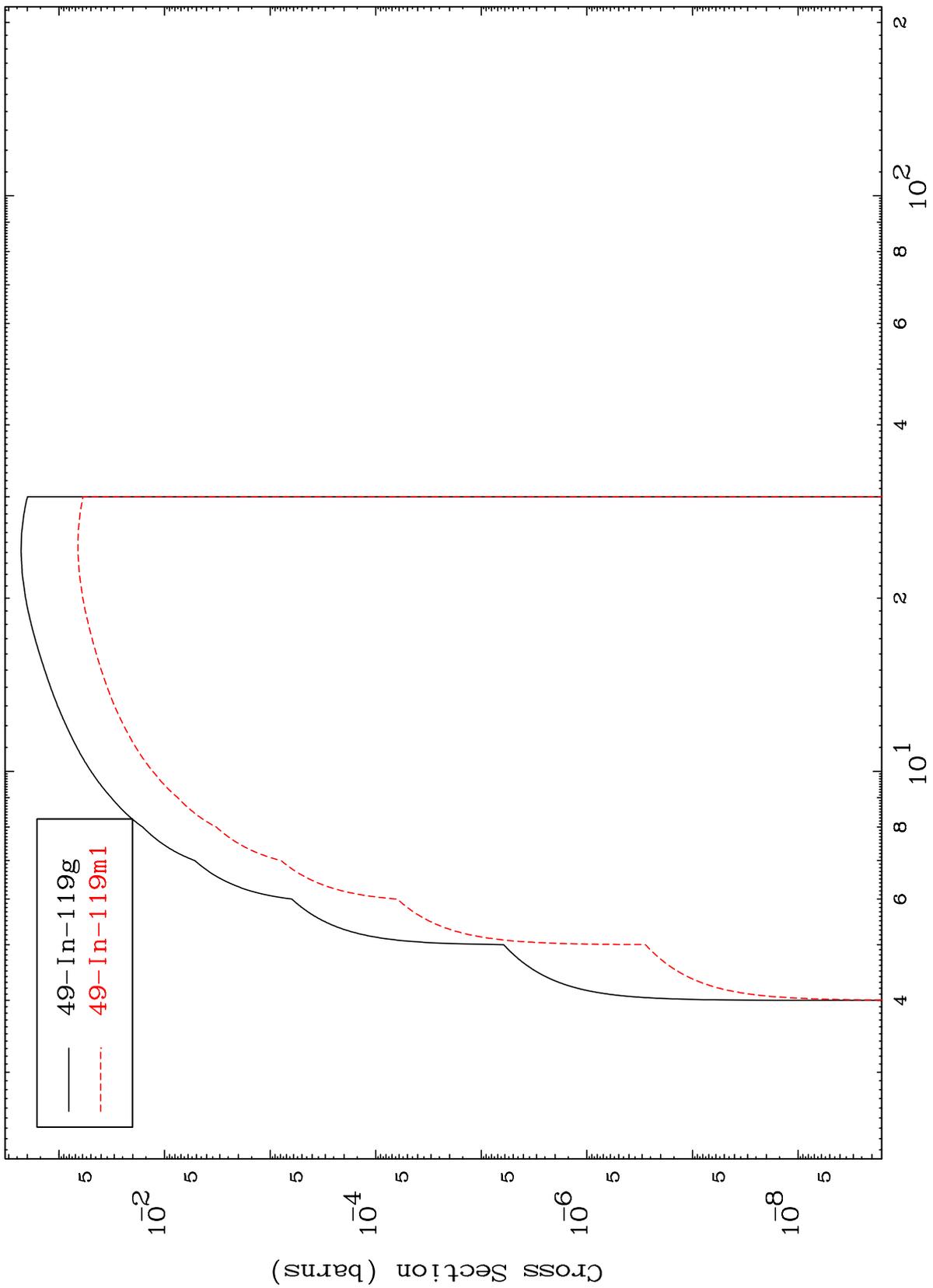
49-In-119

14

MAT 4943

49-In-119

Radionuclide Production Cross Section



— 49-In-119g
- - - 49-In-119m1

49-In-119

Incident Energy (MeV)

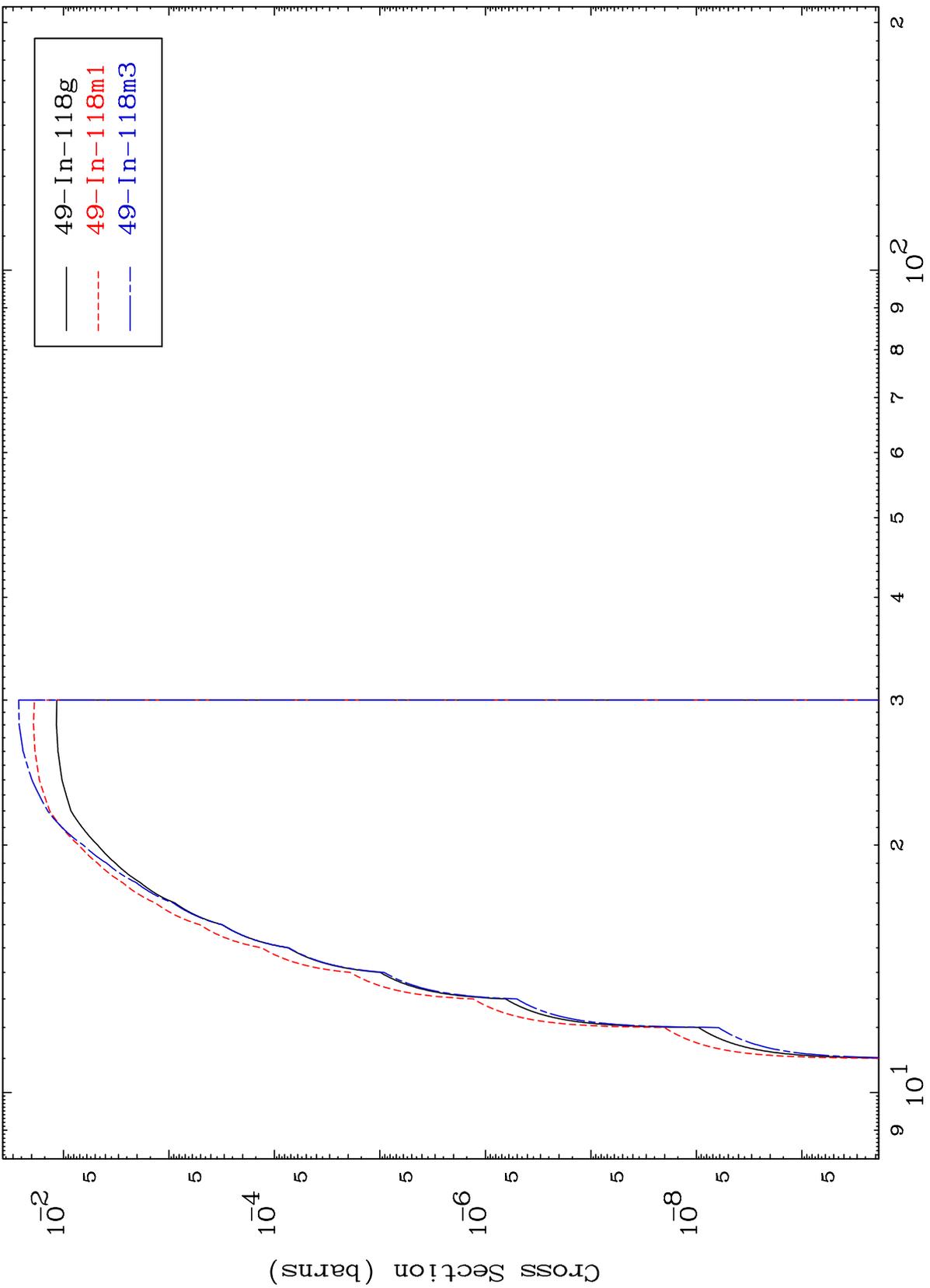
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MAT 4943

(n,n') d

49-In-119

Radionuclide Production Cross Section



16

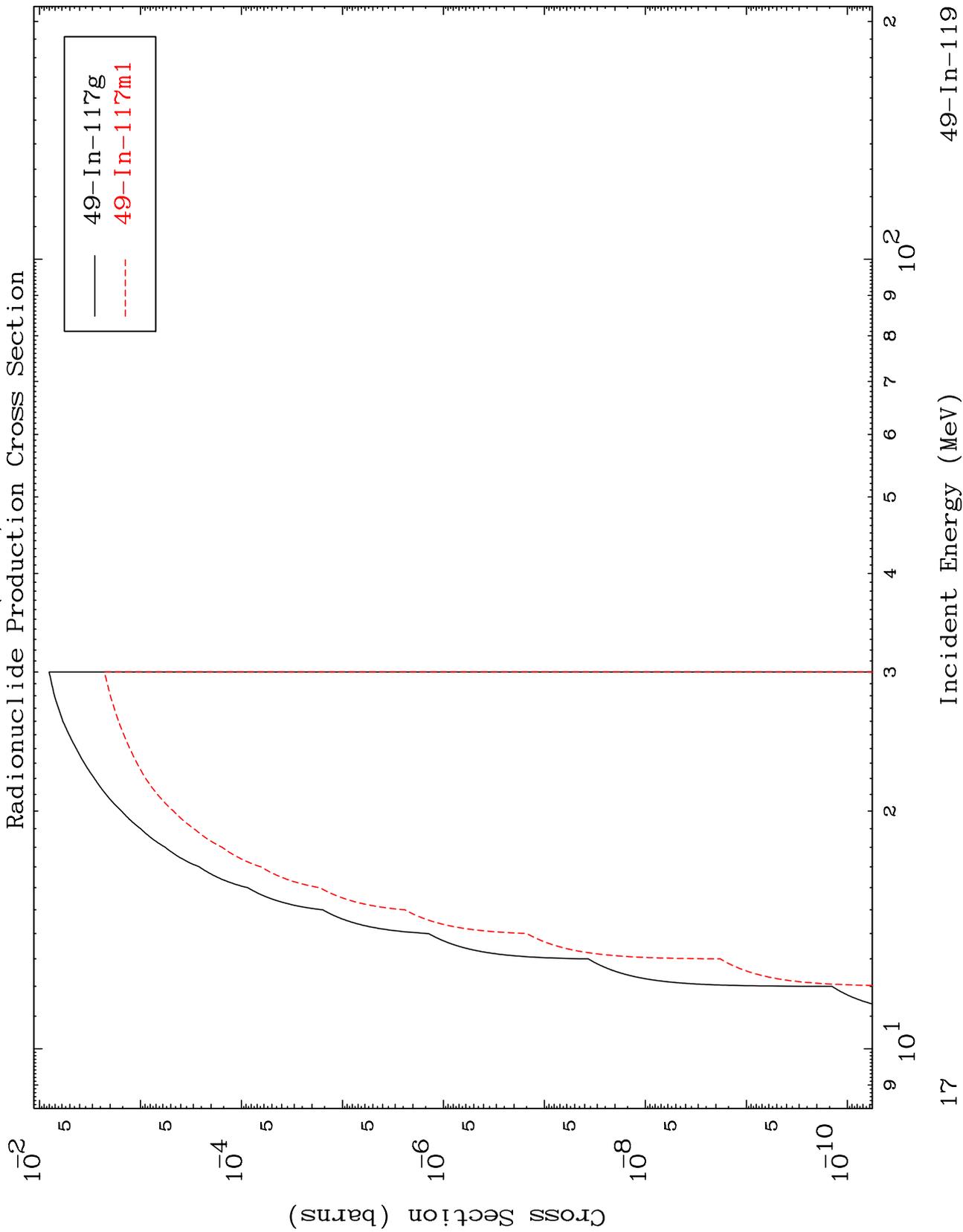
Incident Energy (MeV)

49-In-119

MAT 4943

(n,n') t

49-In-119



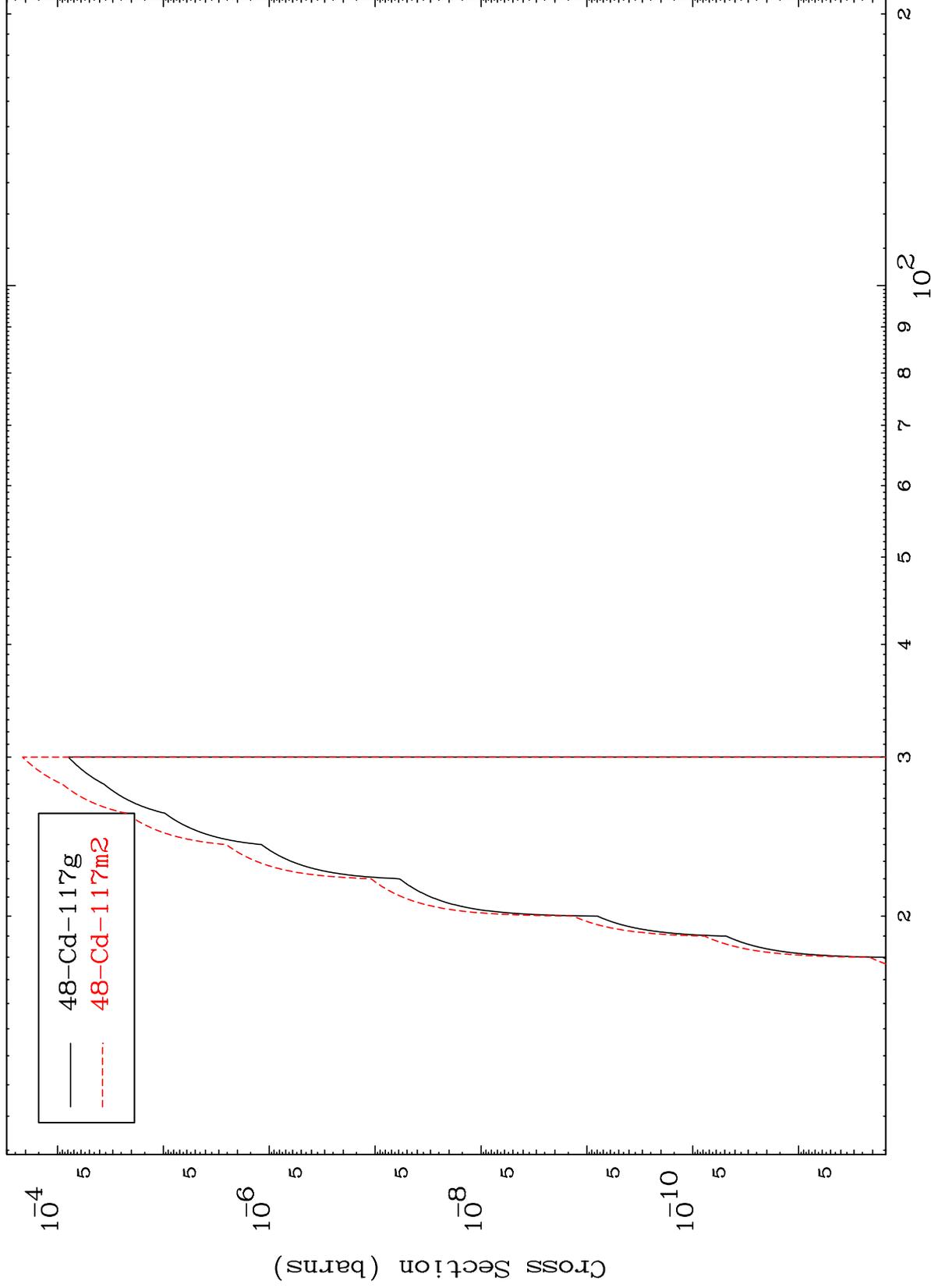
49-In-119

MAT 4943

(n,n') He-3

49-In-119

Radionuclide Production Cross Section



18

Incident Energy (MeV)

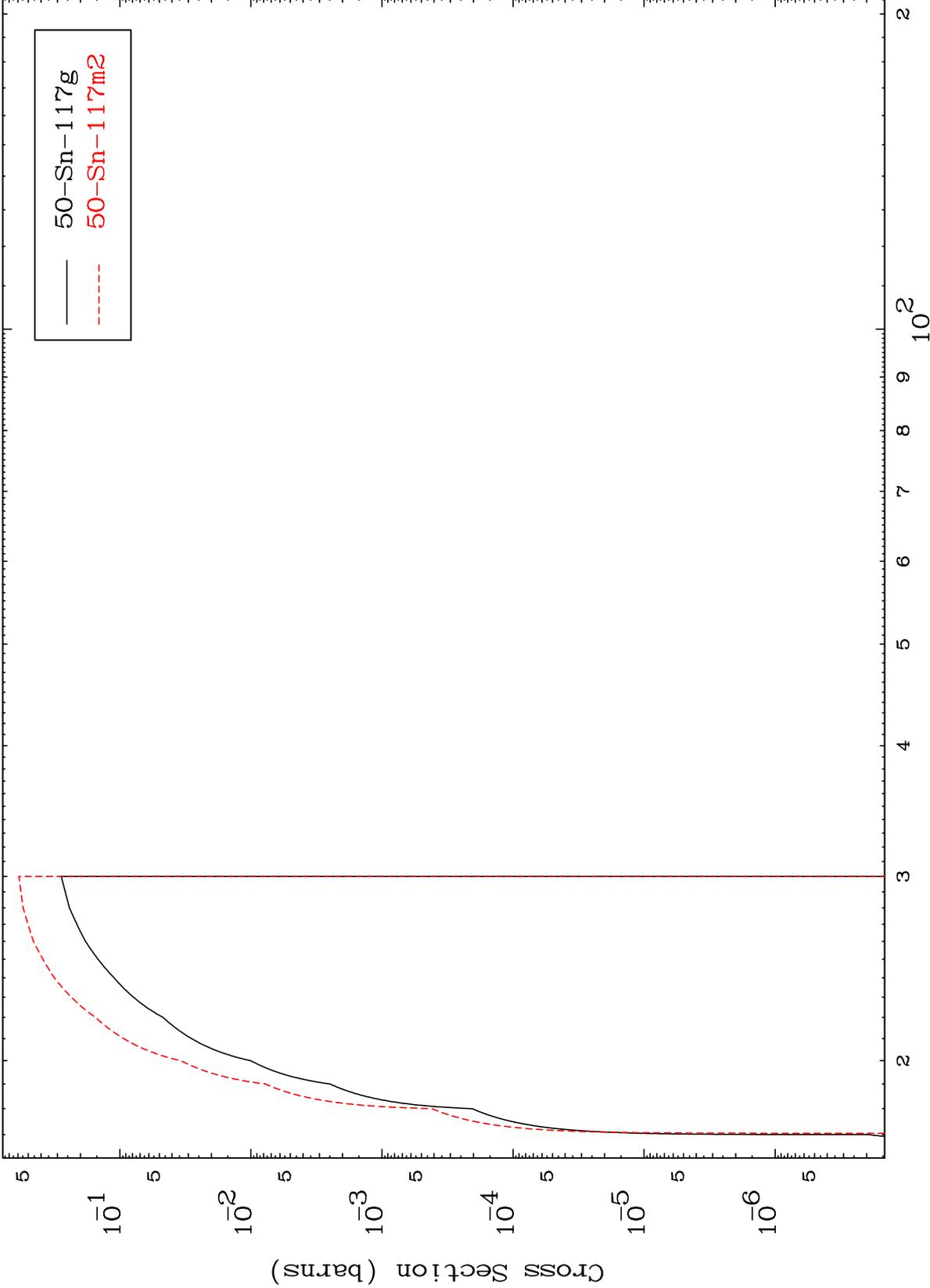
49-In-119

MAT 4943

(n,4n)

49-In-119

Radionuclide Production Cross Section



19

Incident Energy (MeV)

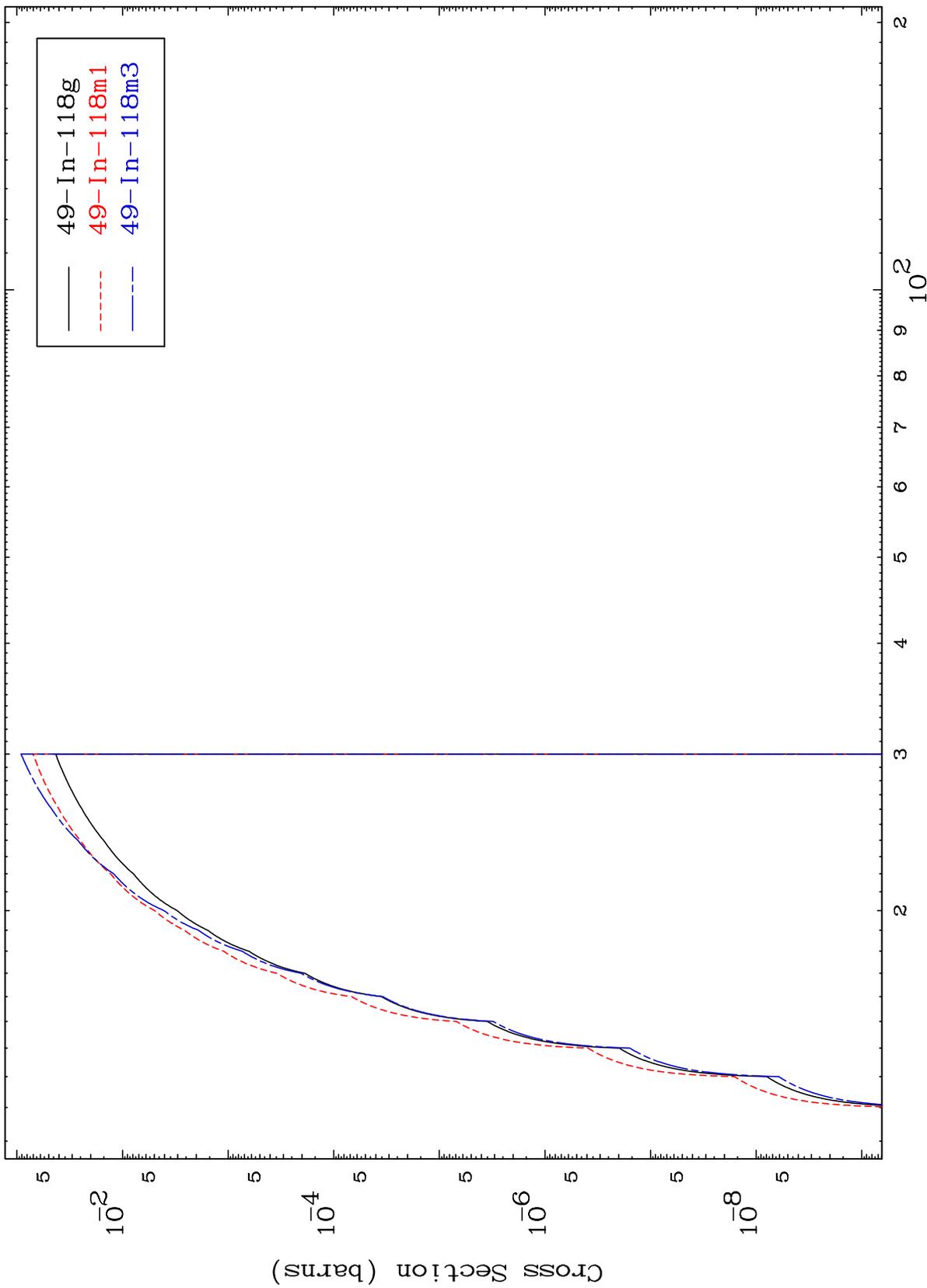
49-In-119

MAT 4943

(n,2n) p

49-In-119

Radionuclide Production Cross Section



20

Incident Energy (MeV)

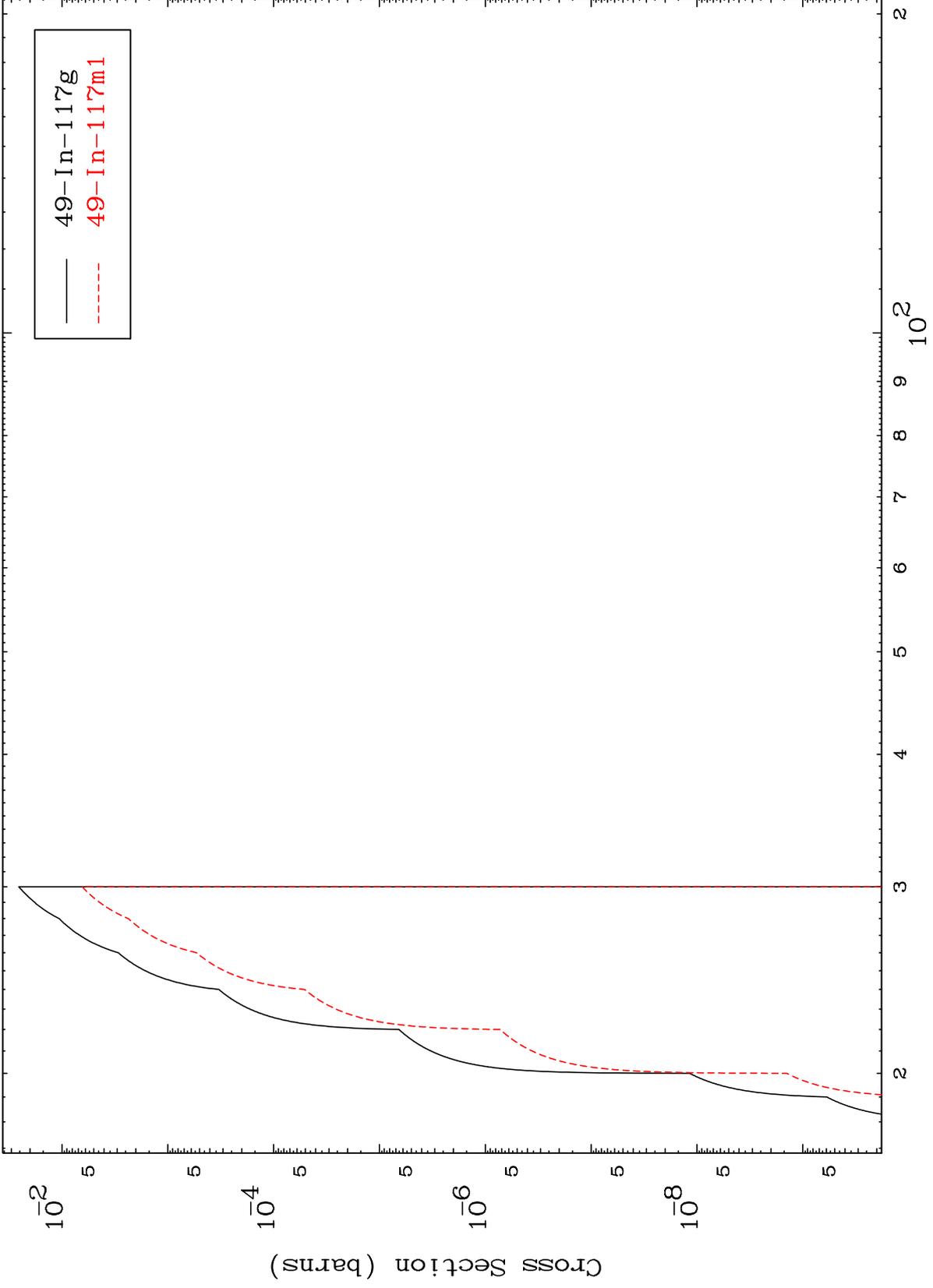
49-In-119

MAT 4943

(n,3n) p

49-In-119

Radionuclide Production Cross Section



21

Incident Energy (MeV)

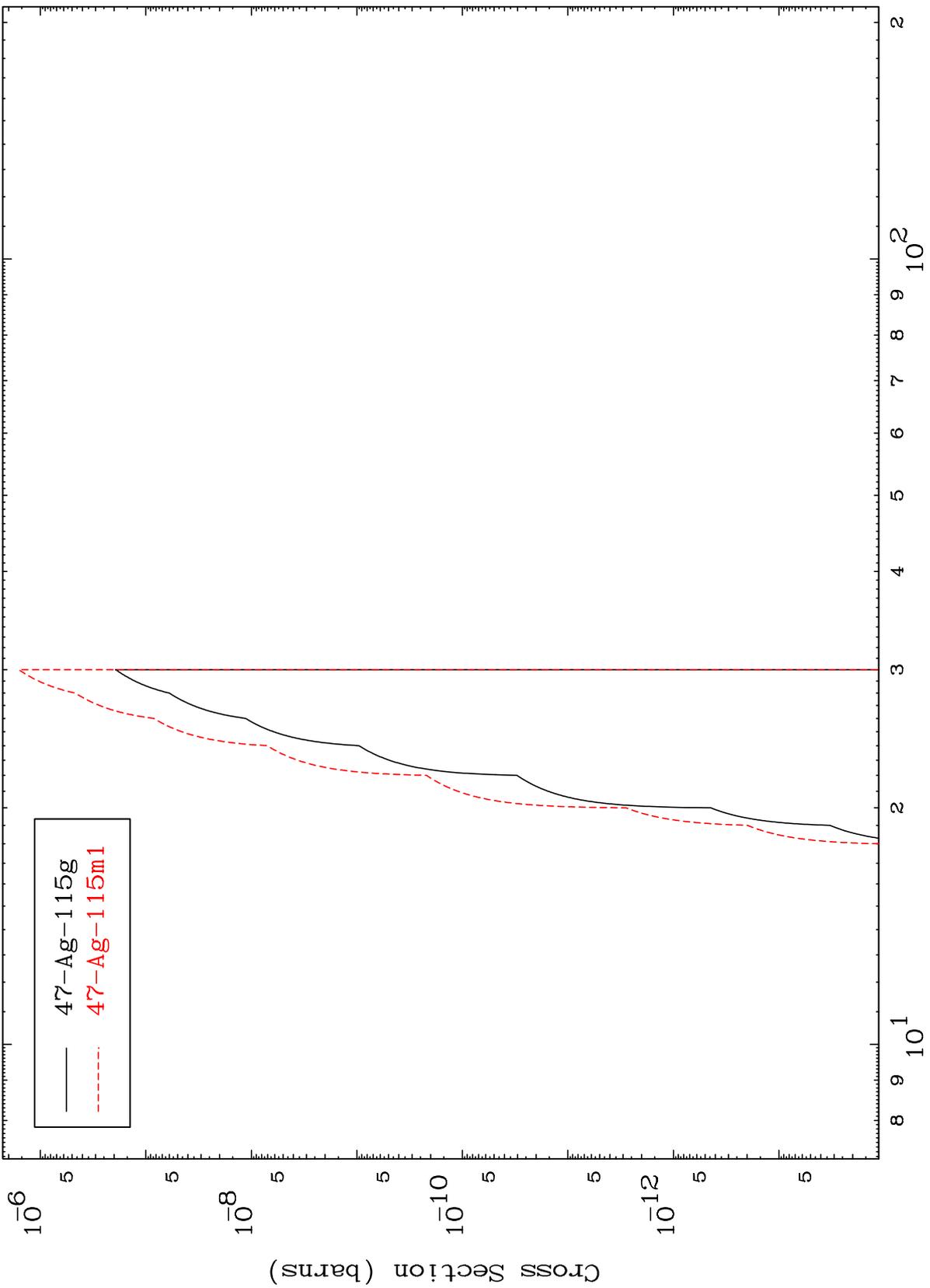
49-In-119

MAT 4943

(n,n') p α

49-In-119

Radionuclide Production Cross Section



22

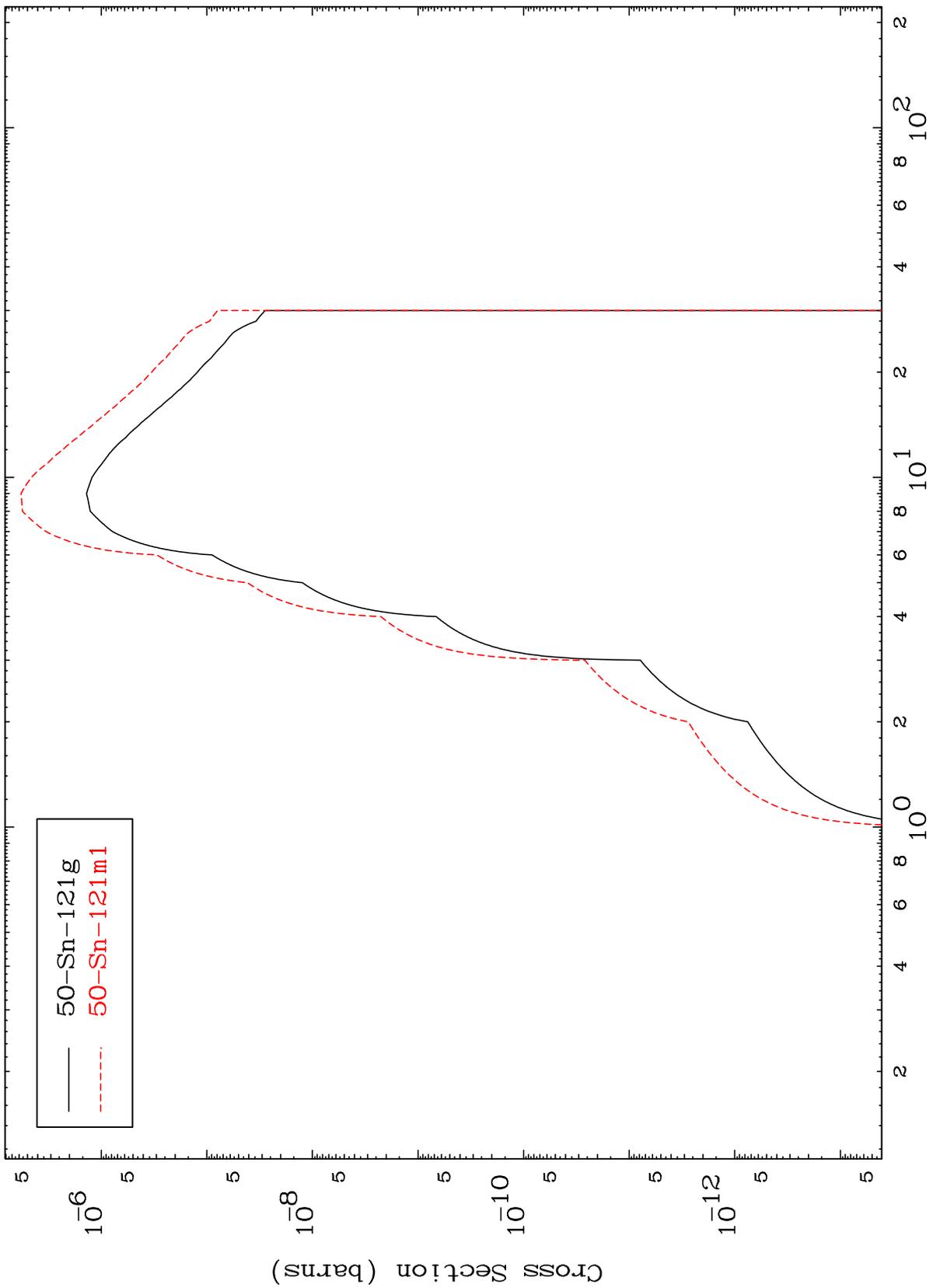
Incident Energy (MeV)

49-In-119

MAT 4943

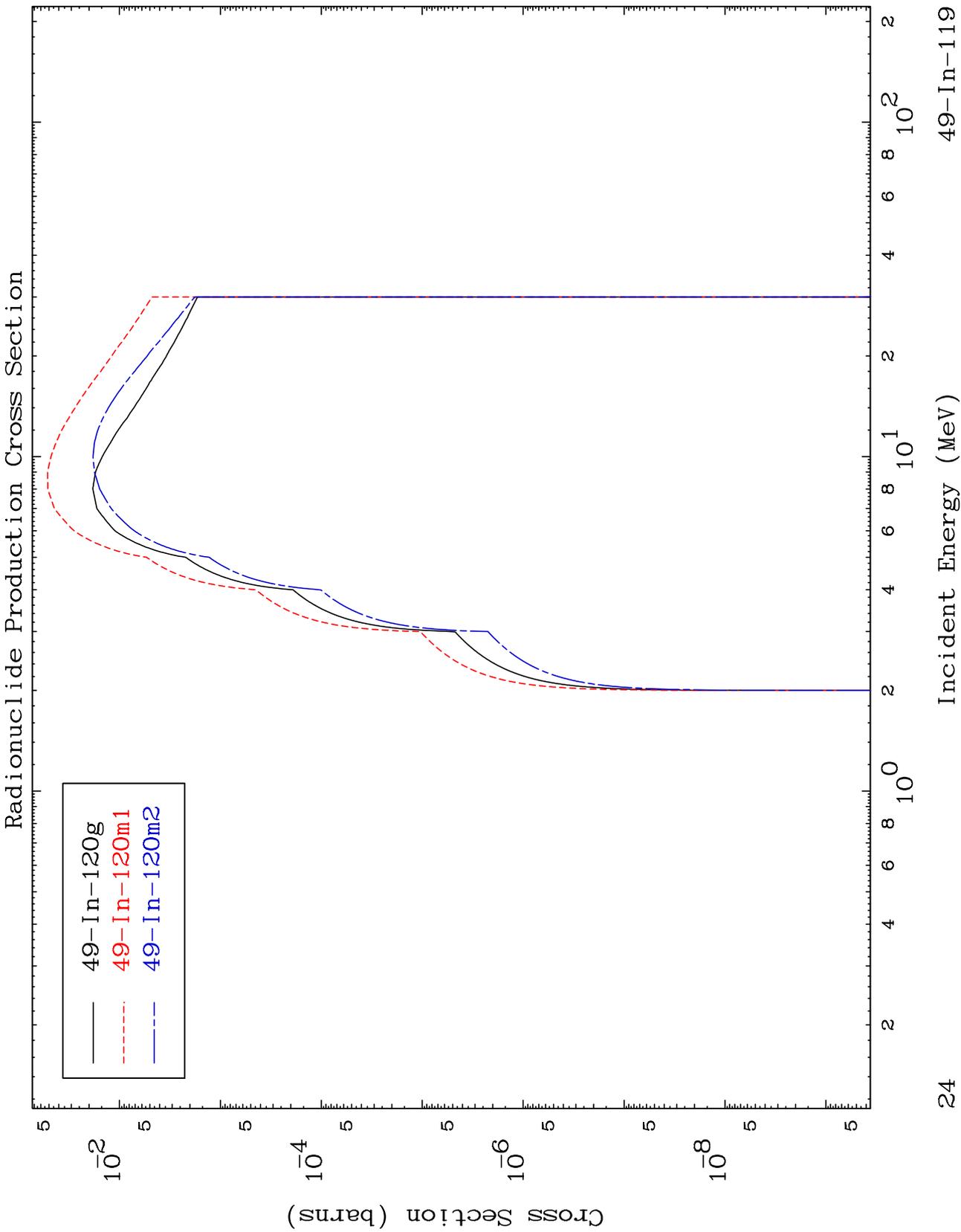
49-In-119

(n, γ)
Radionuclide Production Cross Section



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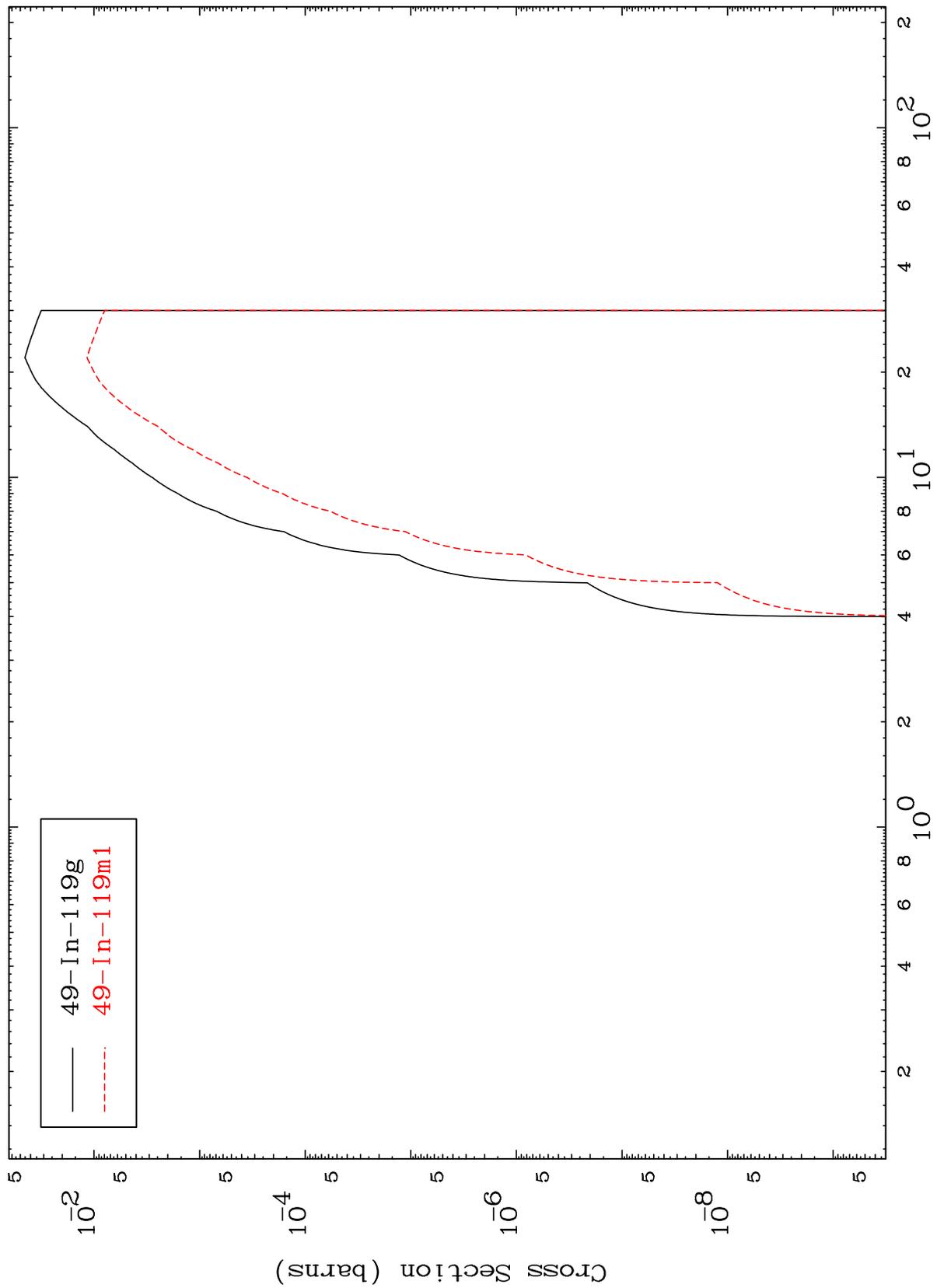
49-In-119



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49-In-119

(n,d)
Radionuclide Production Cross Section



49-In-119

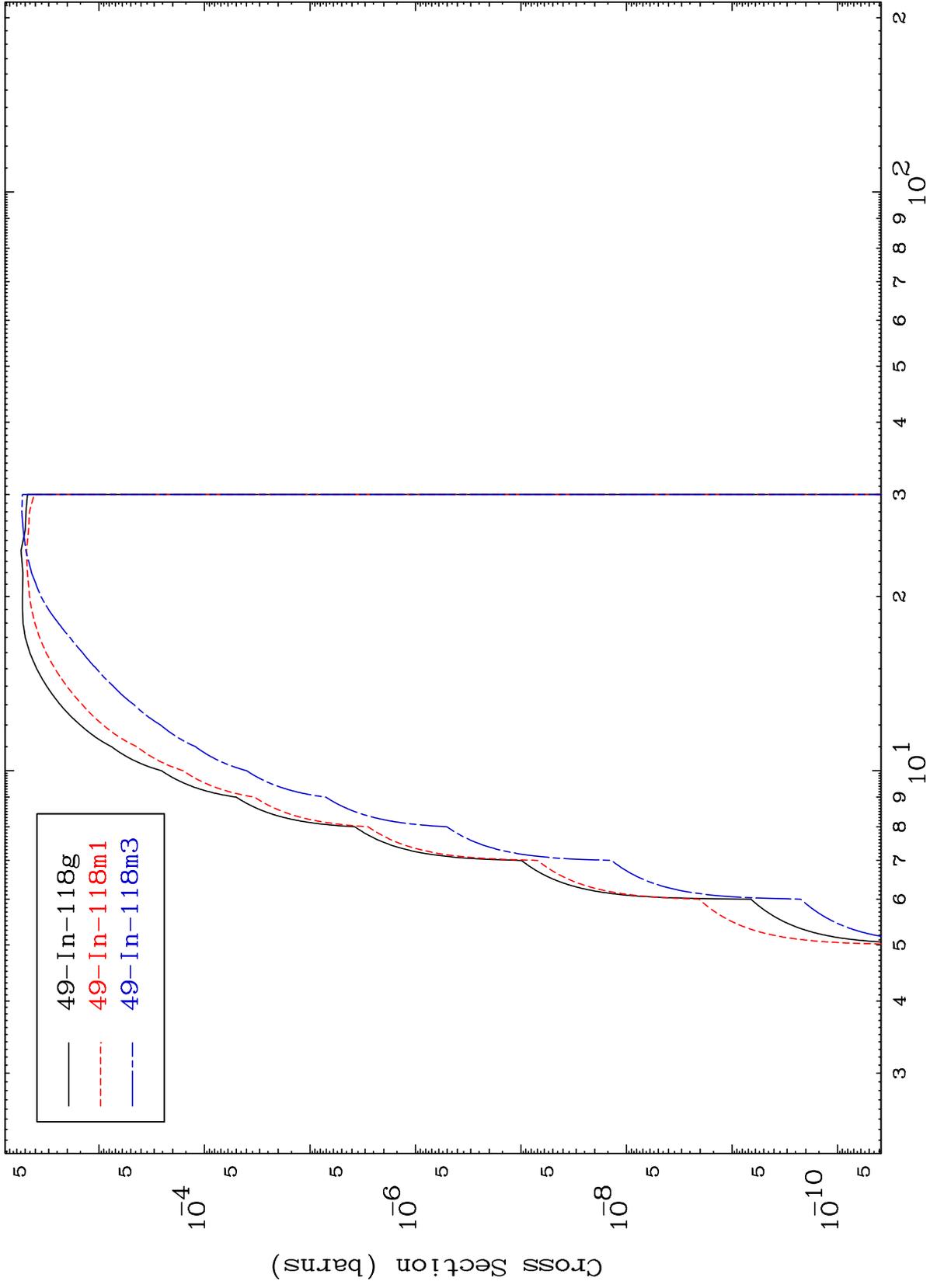
Incident Energy (MeV)

25

MAT 4943

49-In-119

Radionuclide Production Cross Section



26

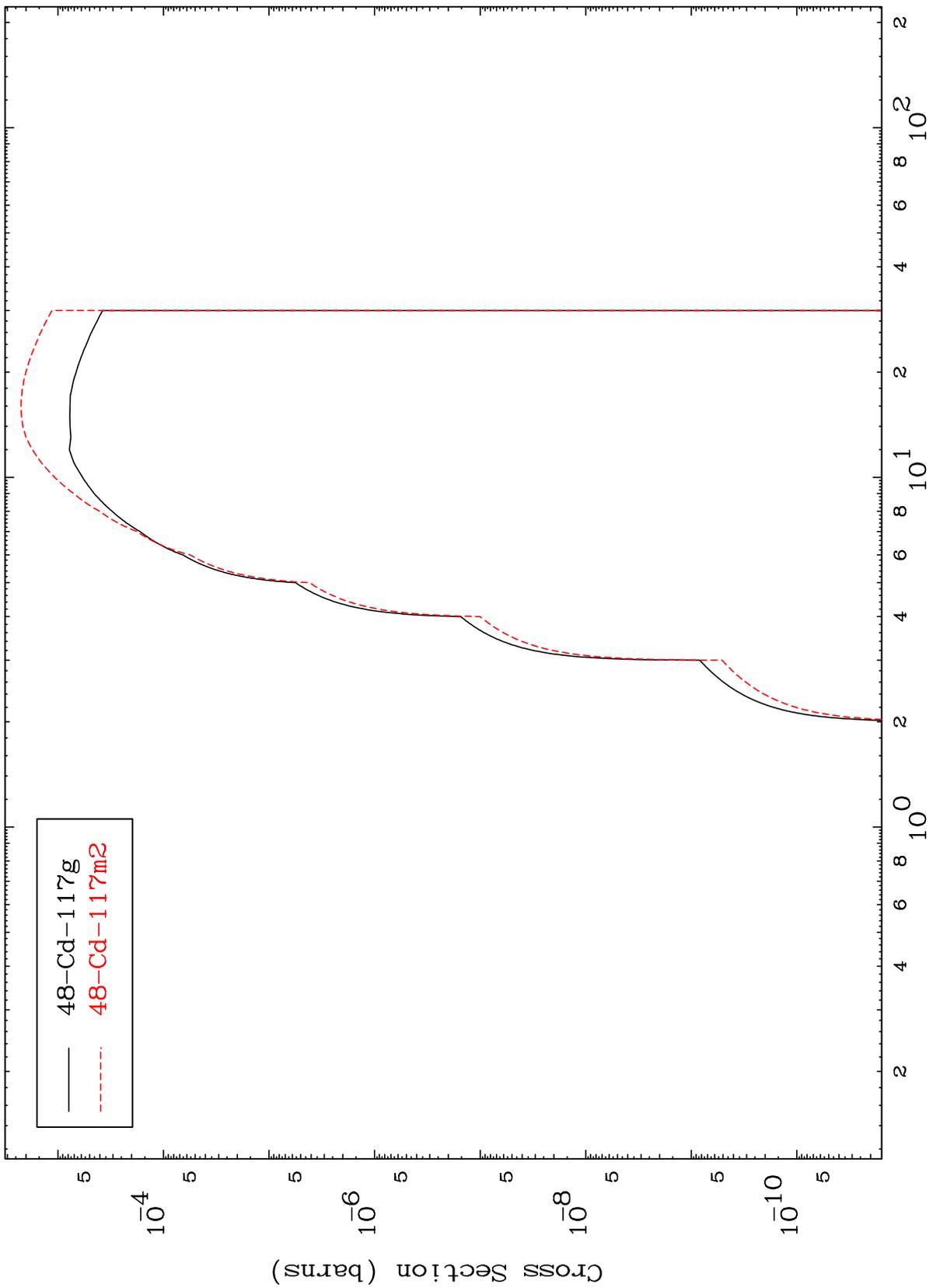
49-In-119

Incident Energy (MeV)

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49-In-119

(n, α)
Radionuclide Production Cross Section

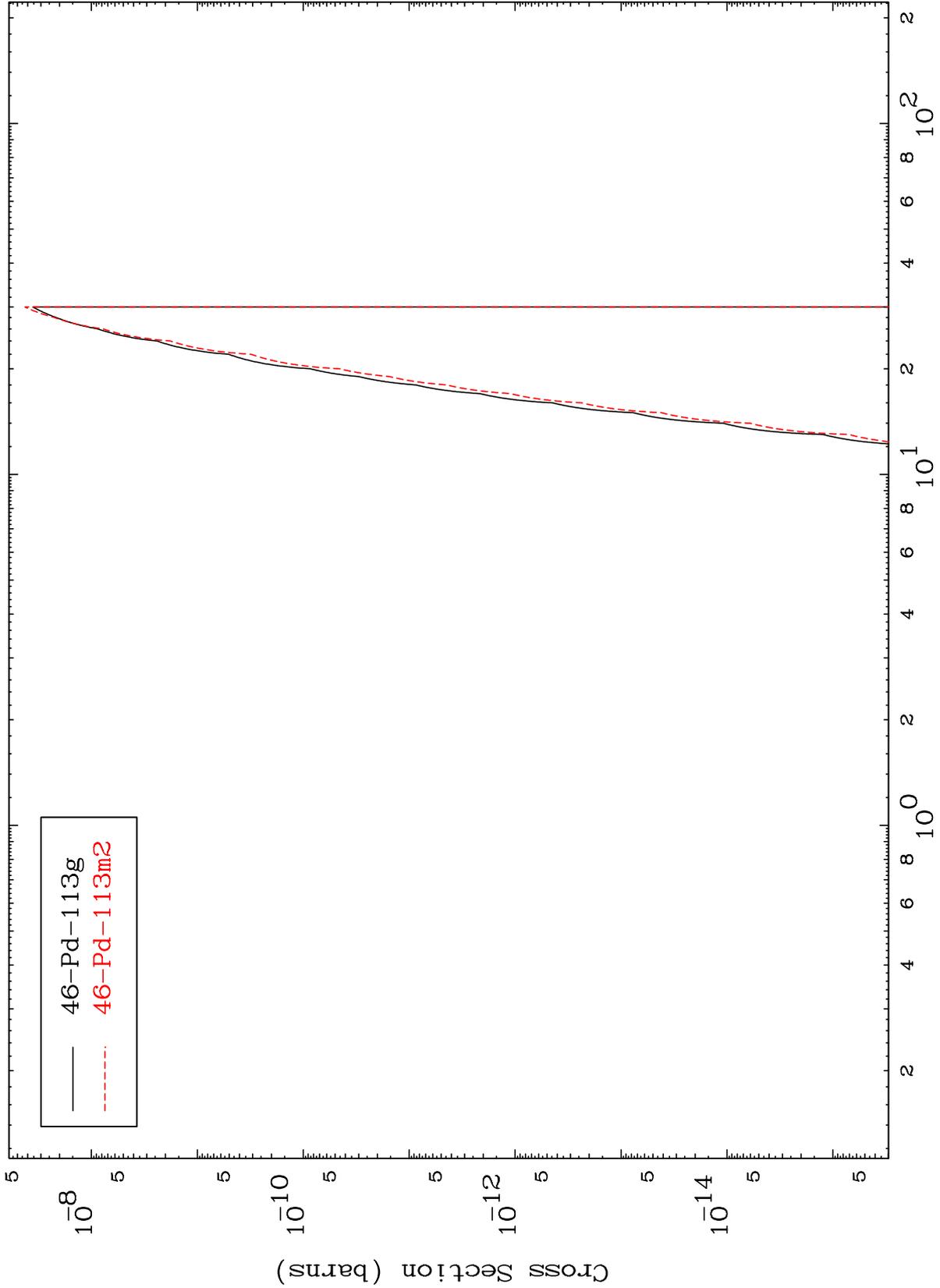


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(n,2α)

49-In-119

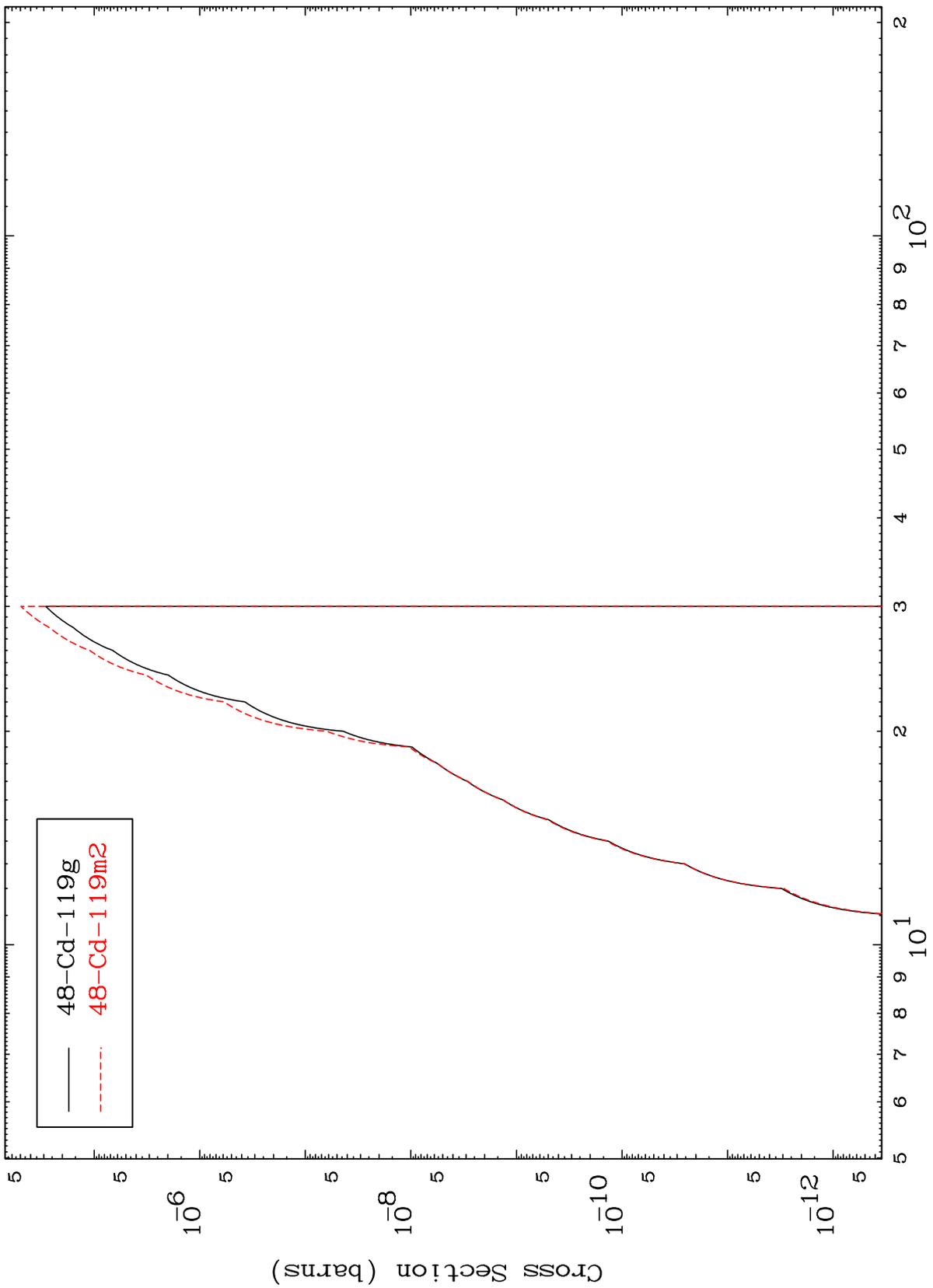
Radionuclide Production Cross Section



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49-In-119

(n,2p)
Radionuclide Production Cross Section



29

49-In-119

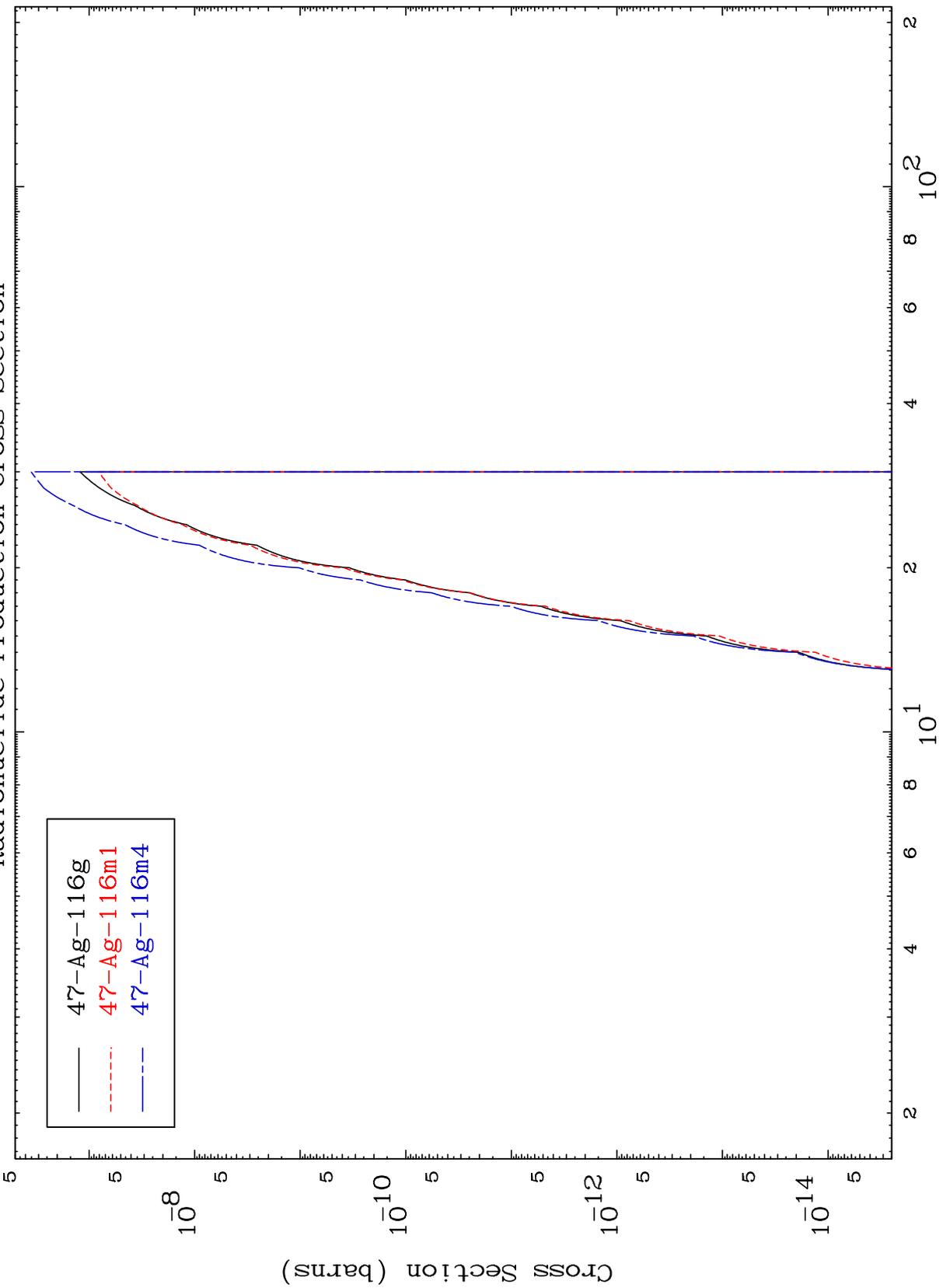
Incident Energy (MeV)

MAT 4943

(n,p) α

49-In-119

Radionuclide Production Cross Section

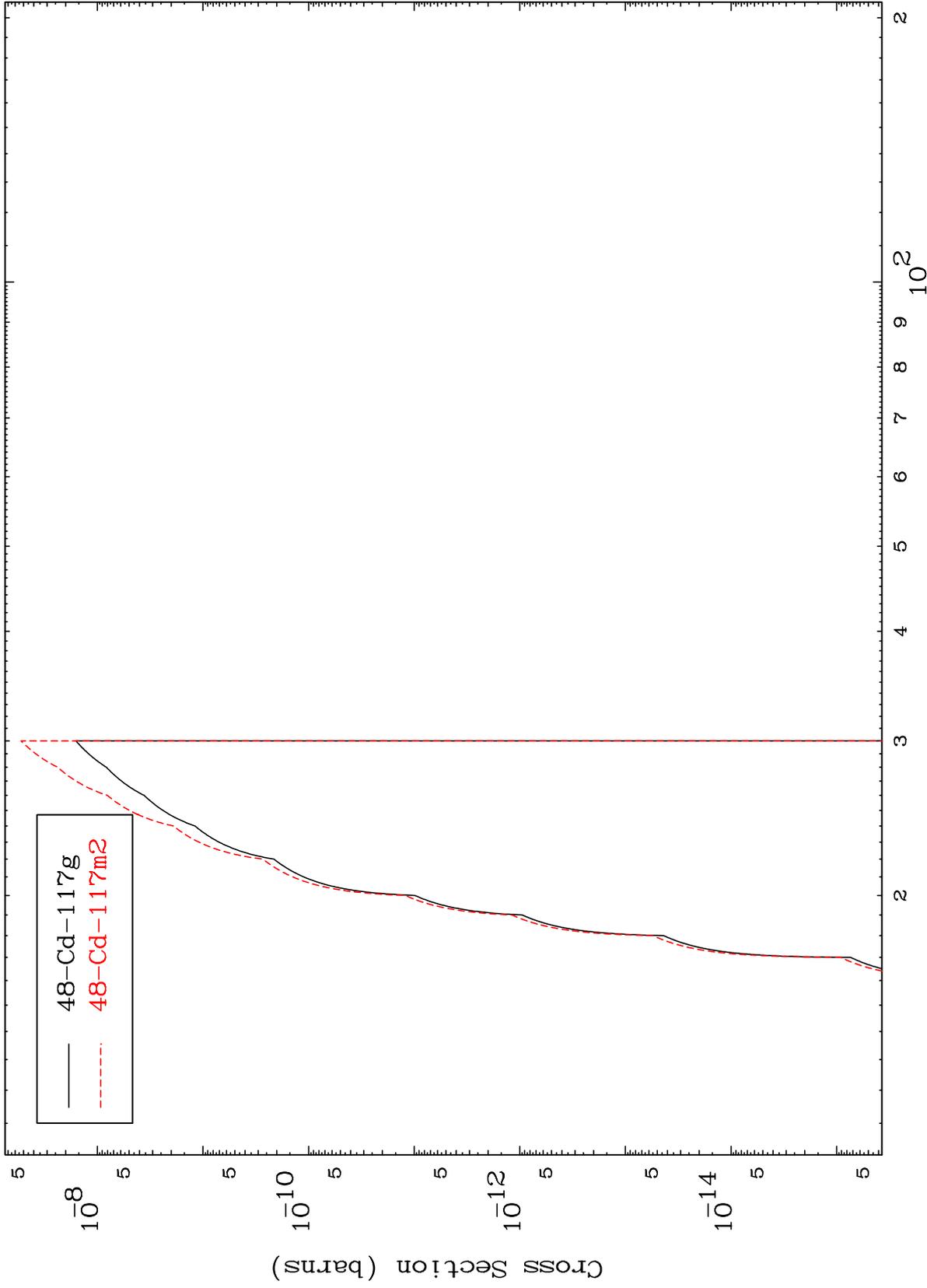


30

Incident Energy (MeV)

49-In-119

Radionuclide Production Cross Section

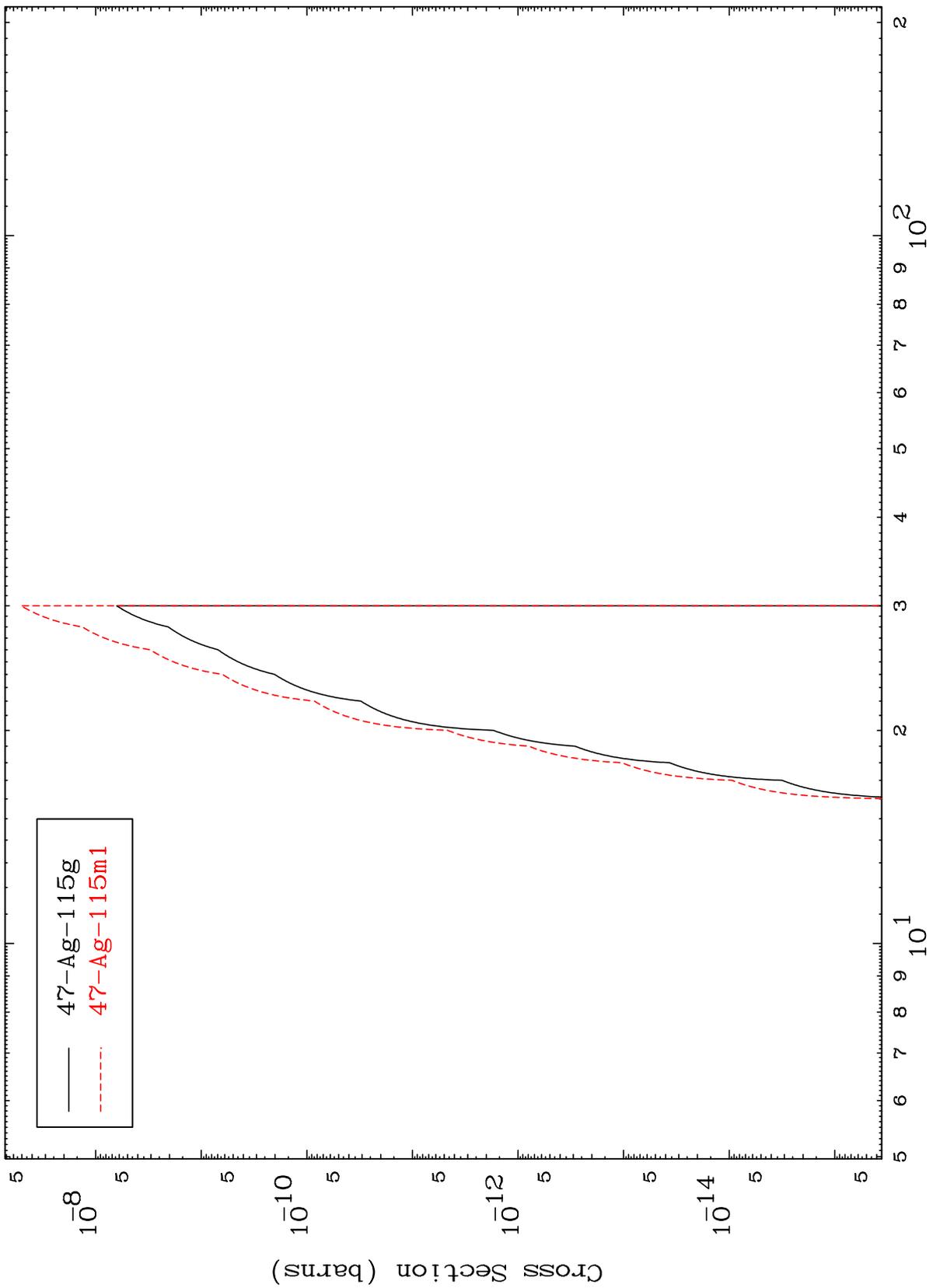


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(n,d) α

49-In-119

Radionuclide Production Cross Section



32

Incident Energy (MeV)

49-In-119