

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

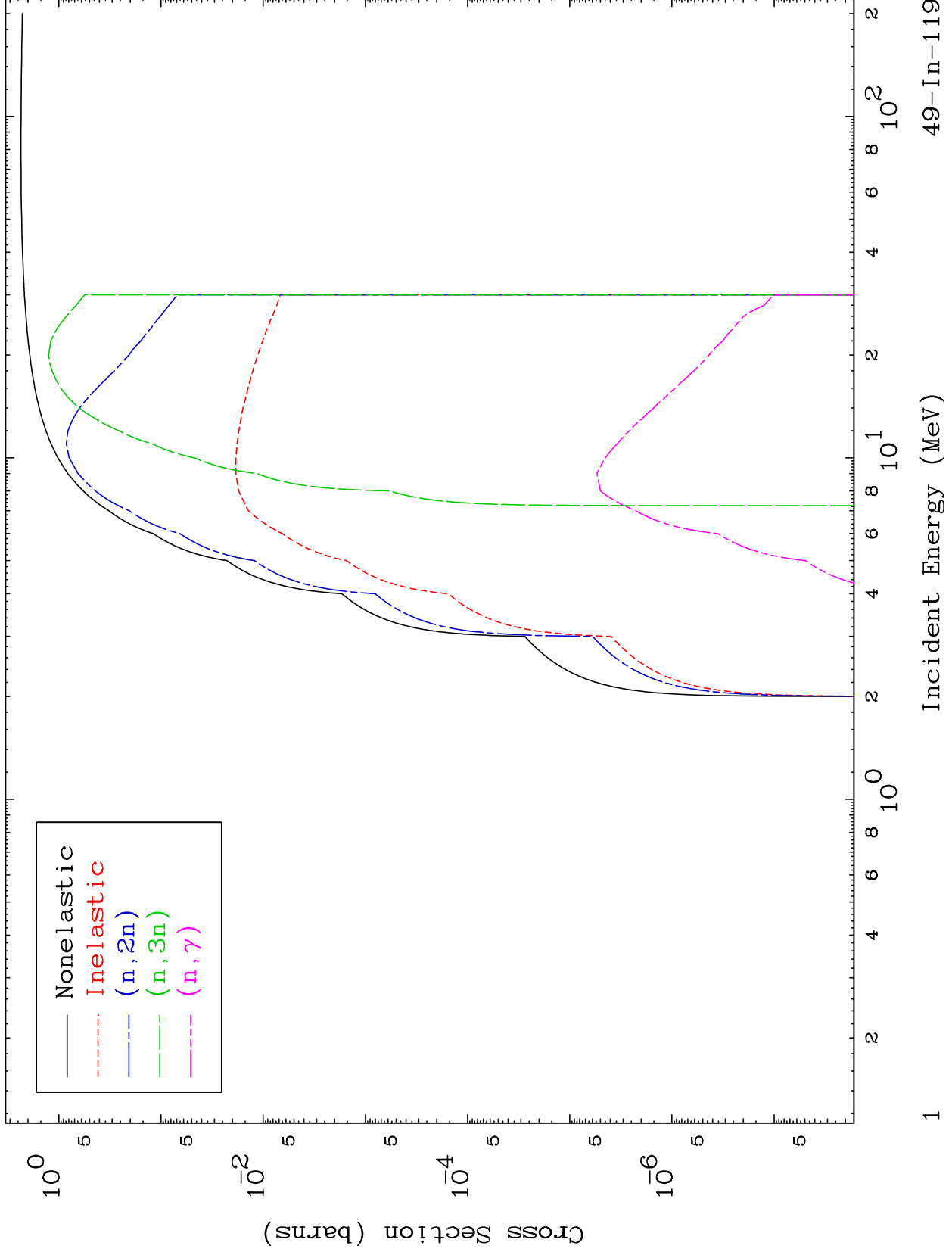
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

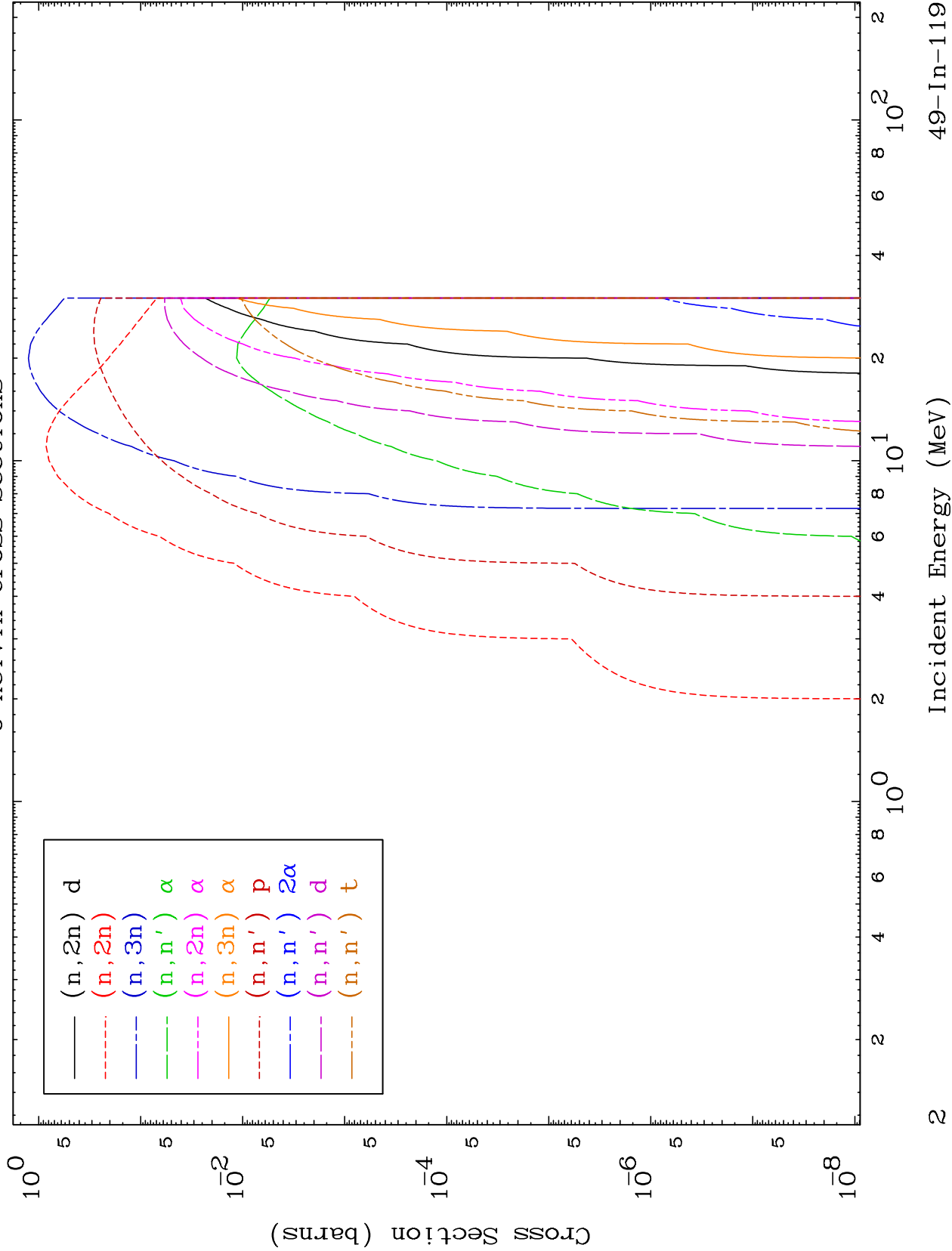
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

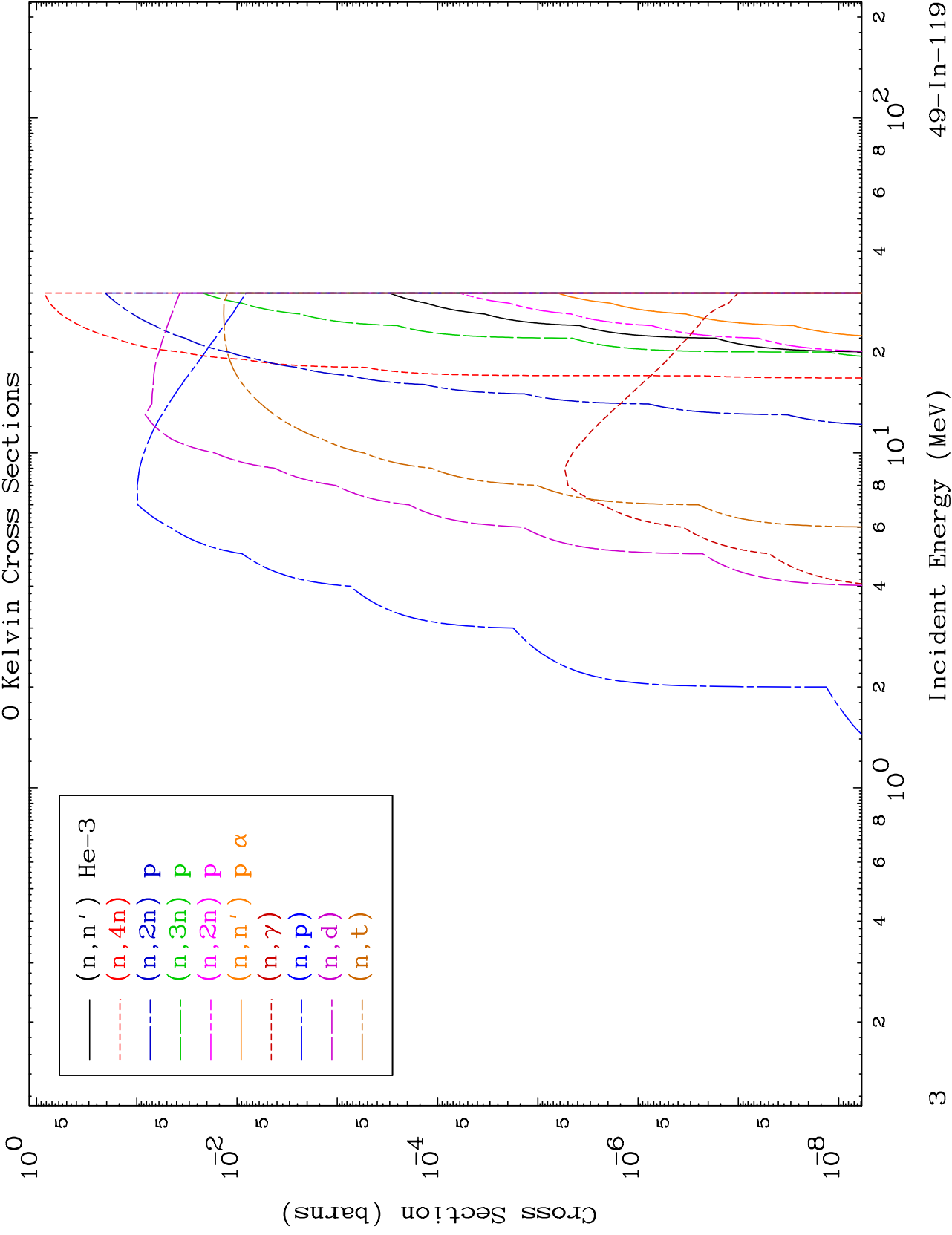


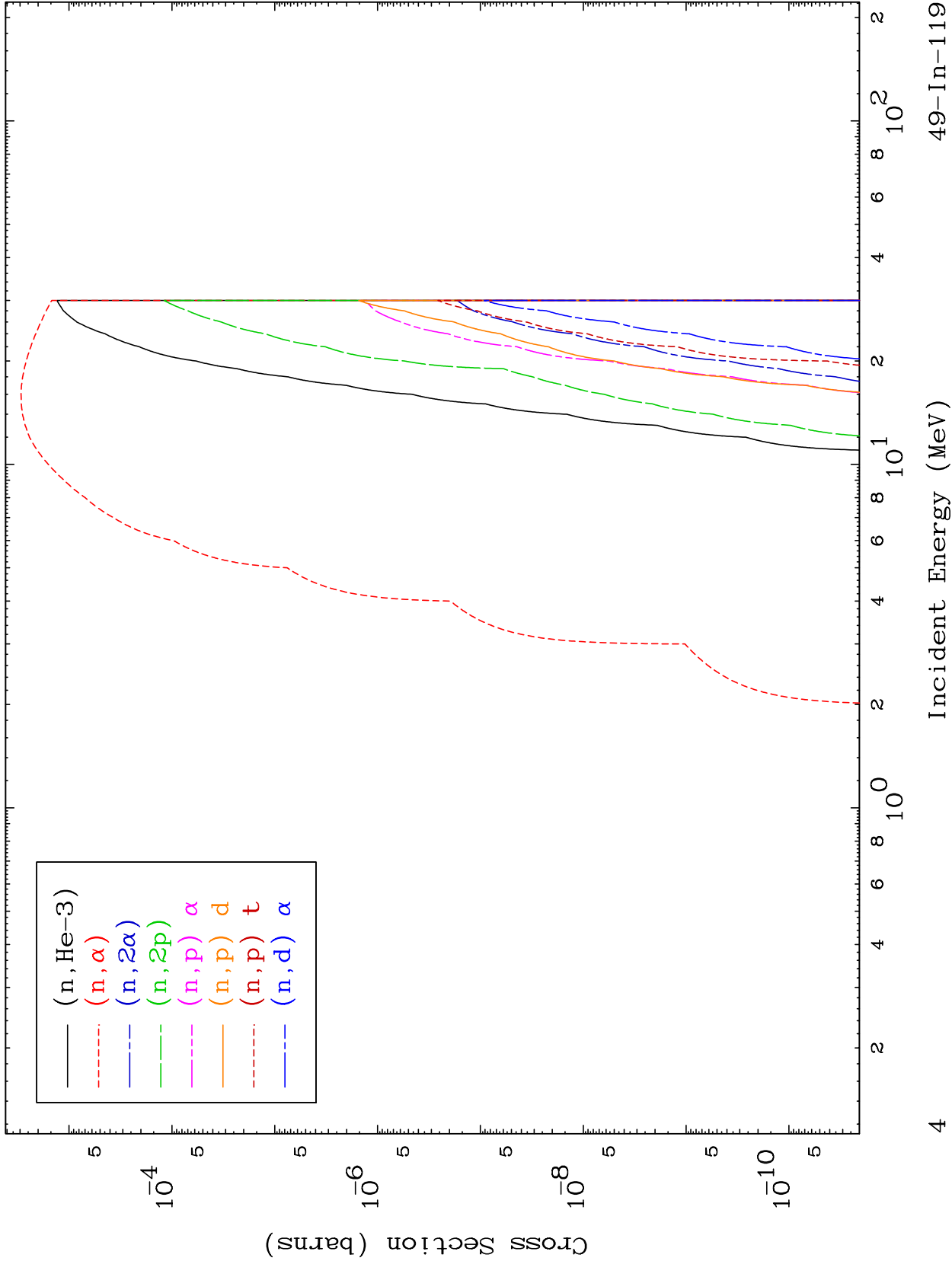


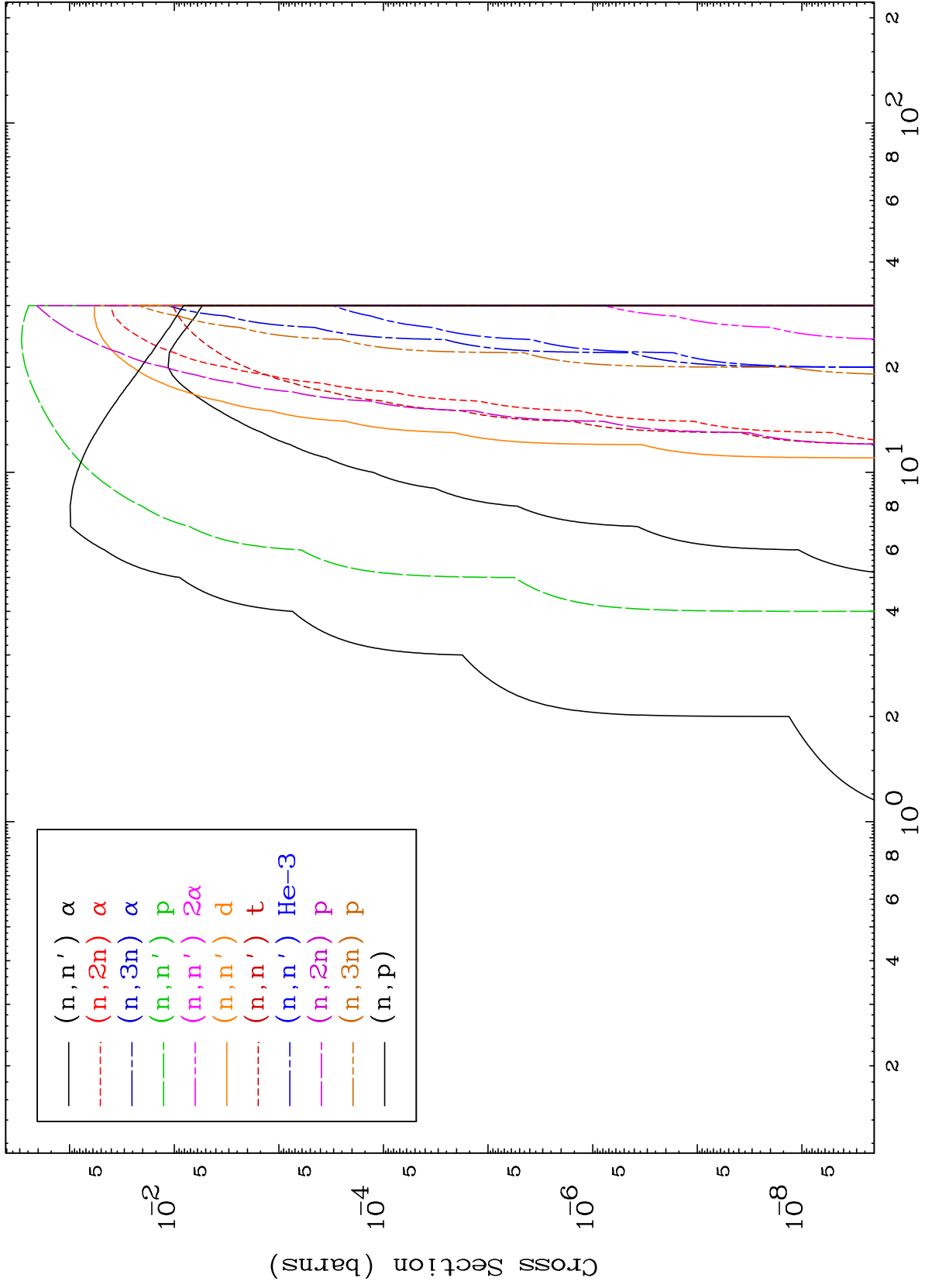
MAT 4943

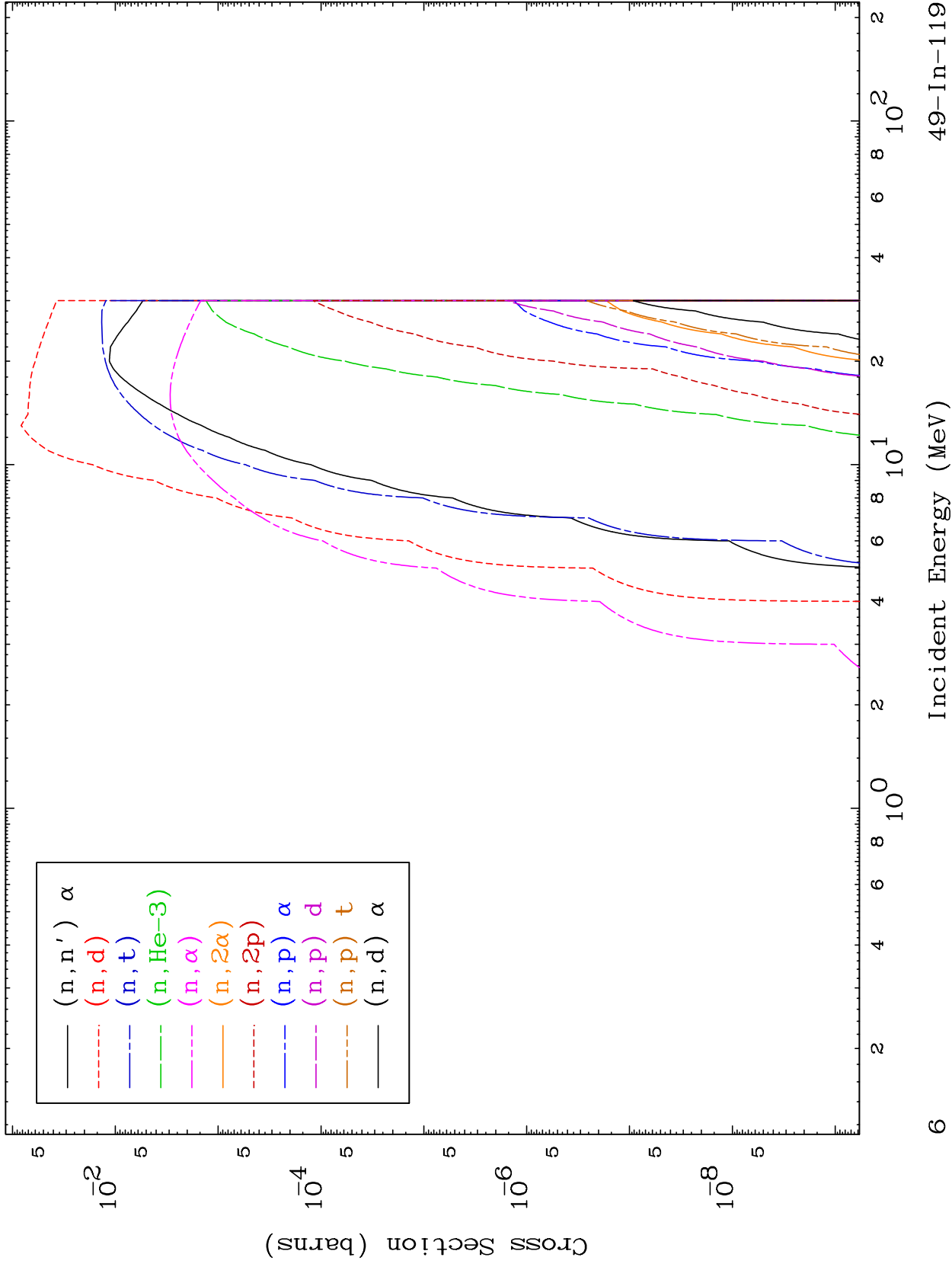
Deuteron Neutron Absorption
0 Kelvin Cross Sections

49-In-119







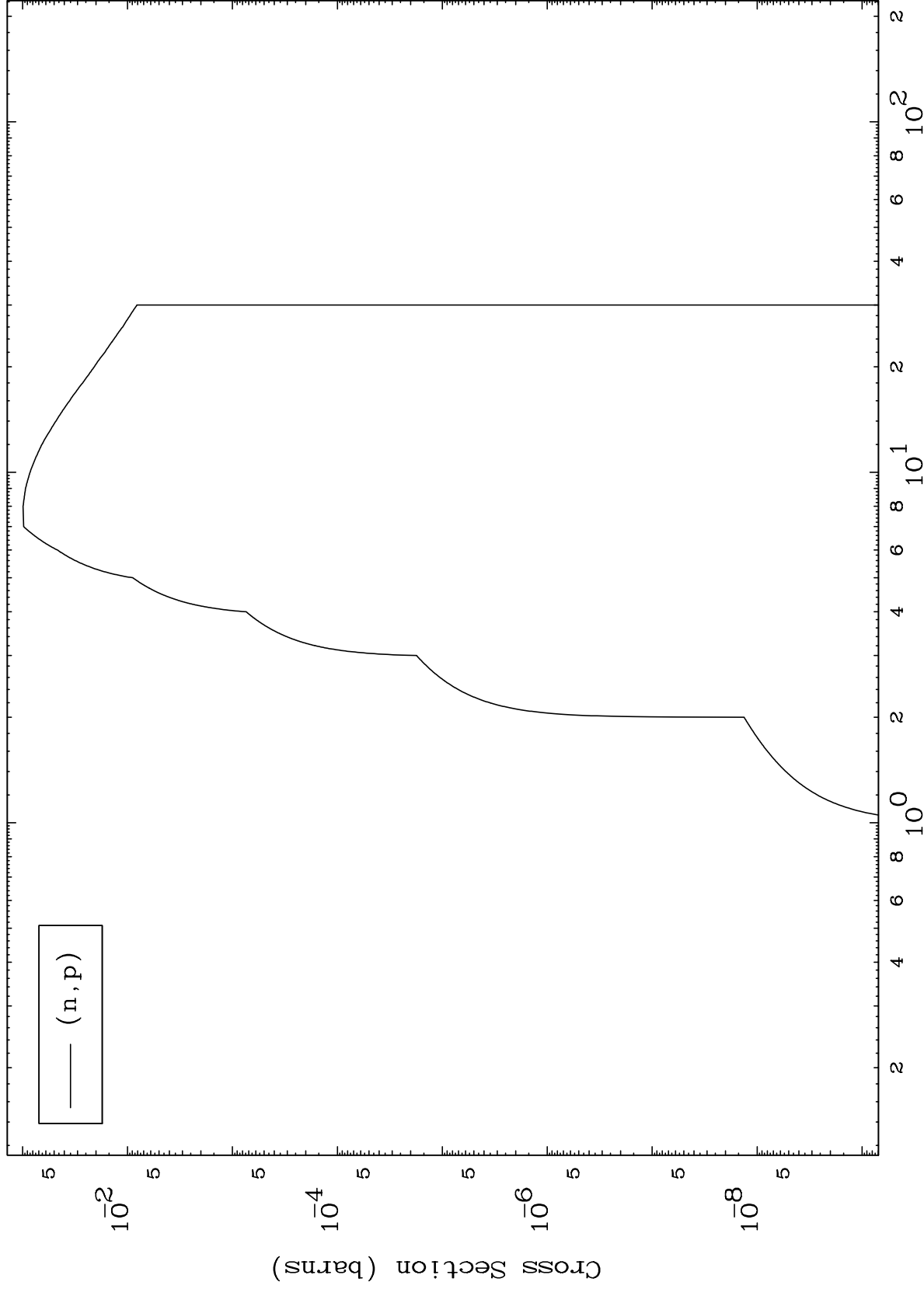


MAT 4943

(d,p) Levels

49-In-119

0 Kelvin Cross Sections

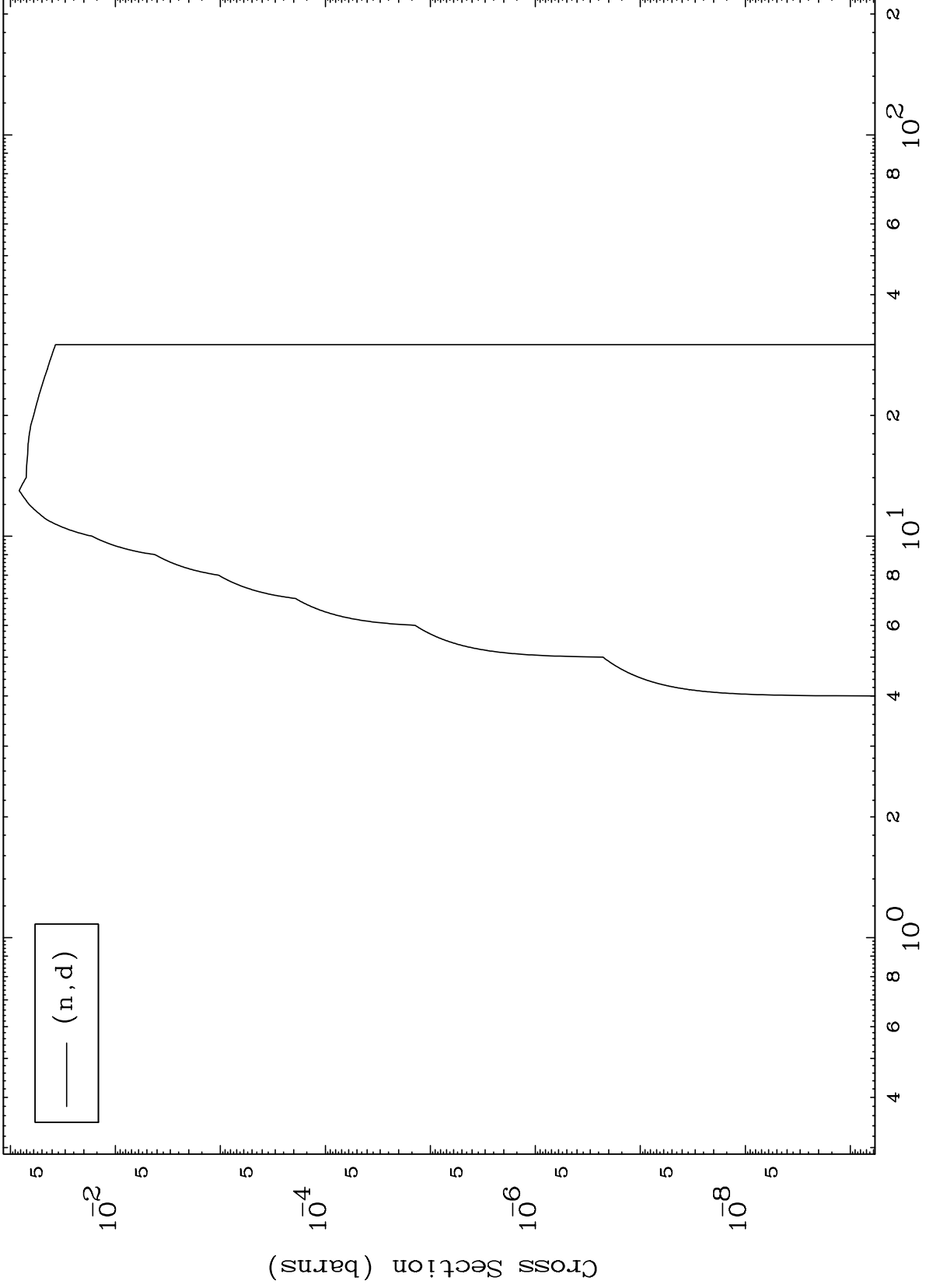


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(d,d) Levels

49-In-119

0 Kelvin Cross Sections



8

Incident Energy (MeV)

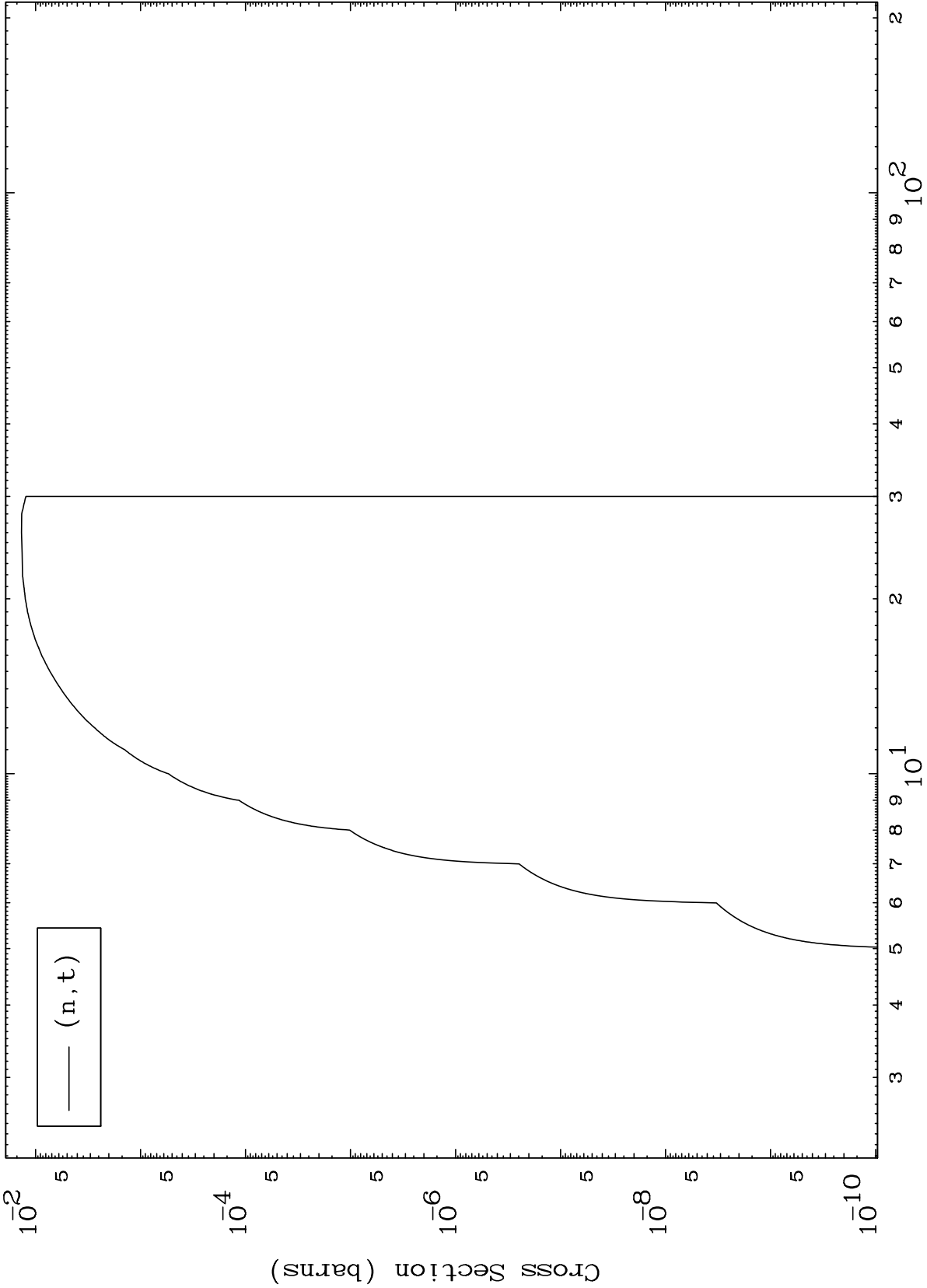
49-In-119

MAT 4943

(d,t) Levels

49-In-119

0 Kelvin Cross Sections



(n,t)

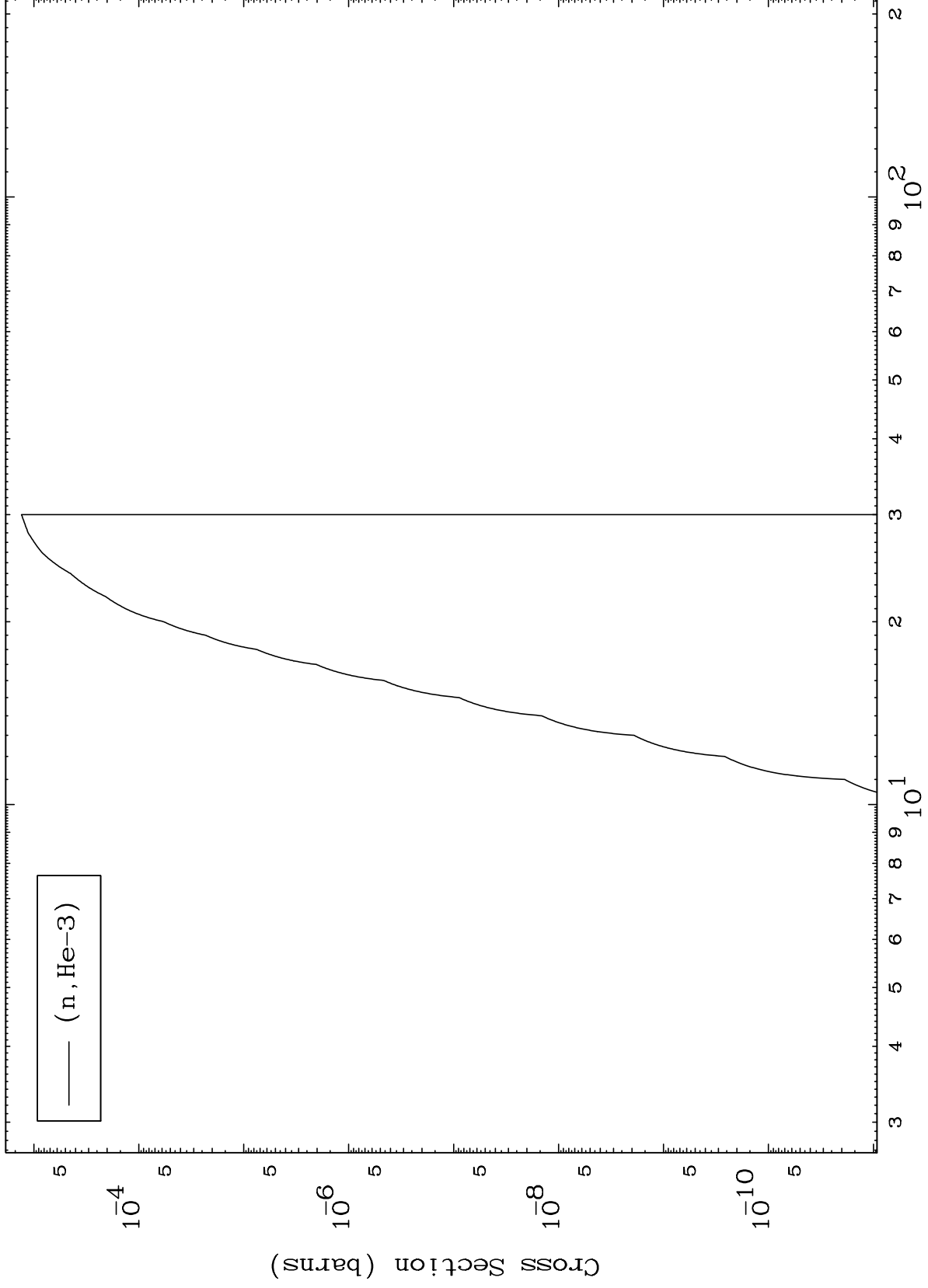
Incident Energy (MeV)

49-In-119

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49-In-119

(d,He3) Levels
0 Kelvin Cross Sections



10

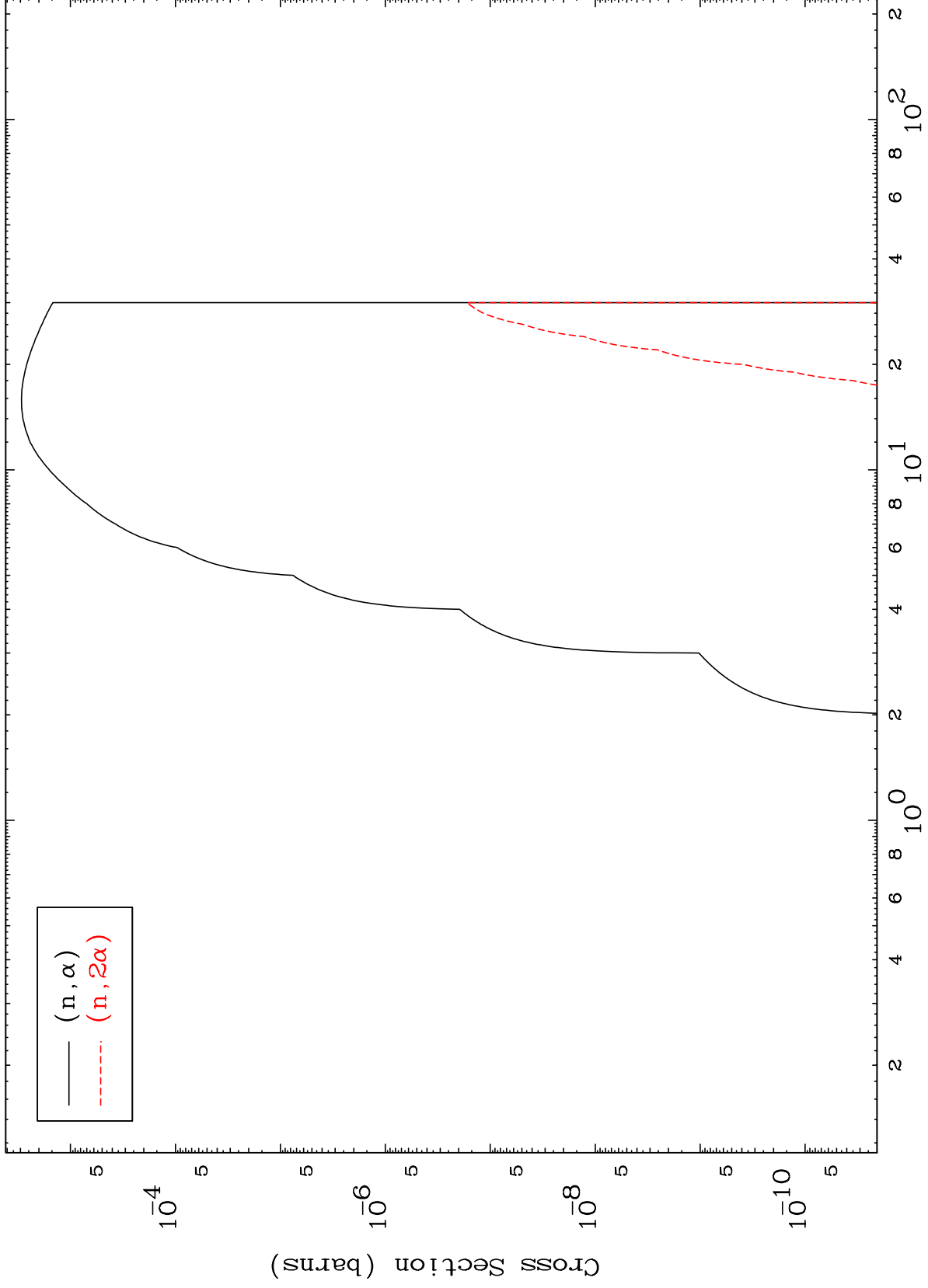
Incident Energy (MeV)

49-In-119

MAT 4943

(d, α) Levels
0 Kelvin Cross Sections

49-In-119

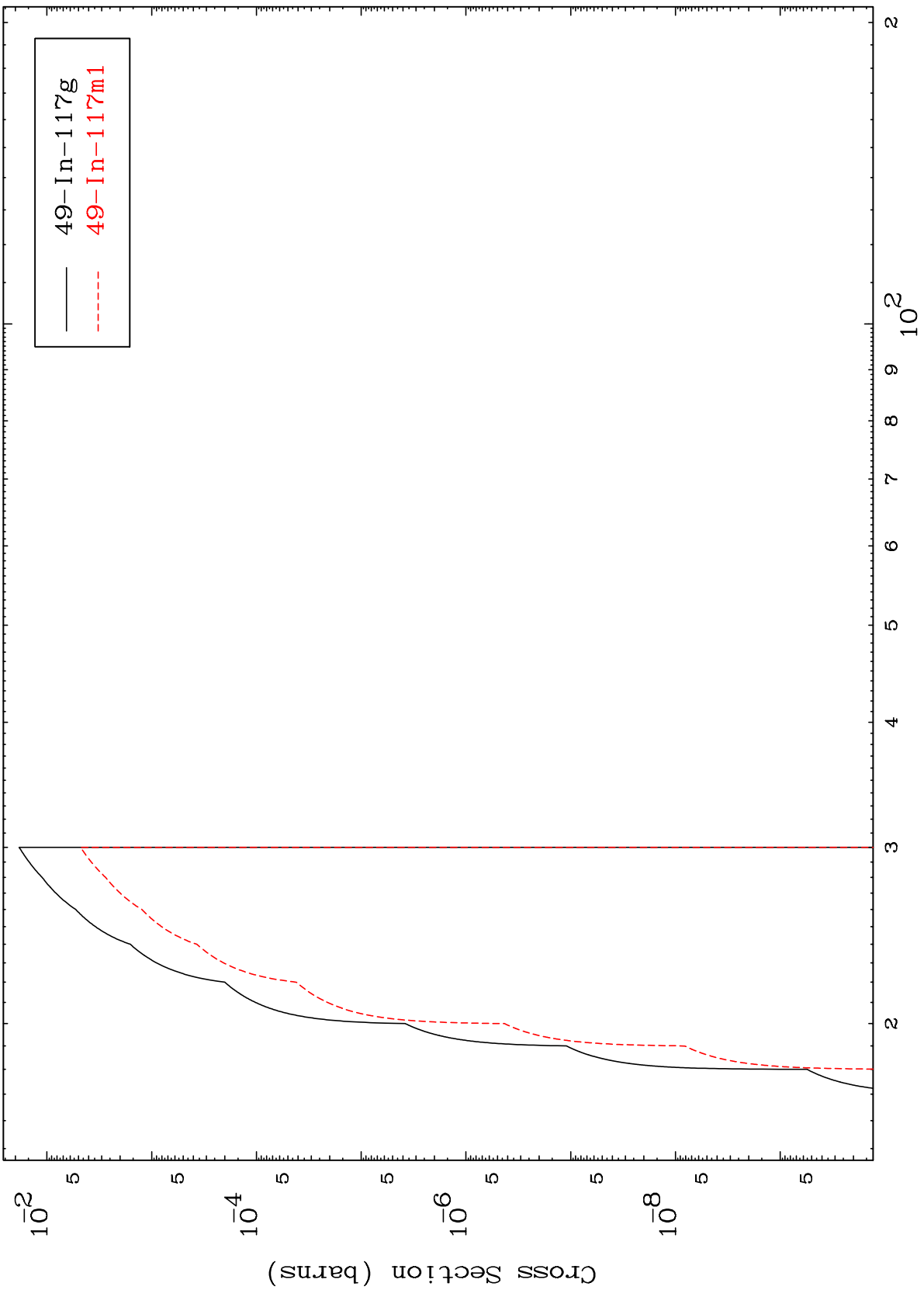


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(n,2n) d

49-In-119

Radionuclide Production Cross Section



12

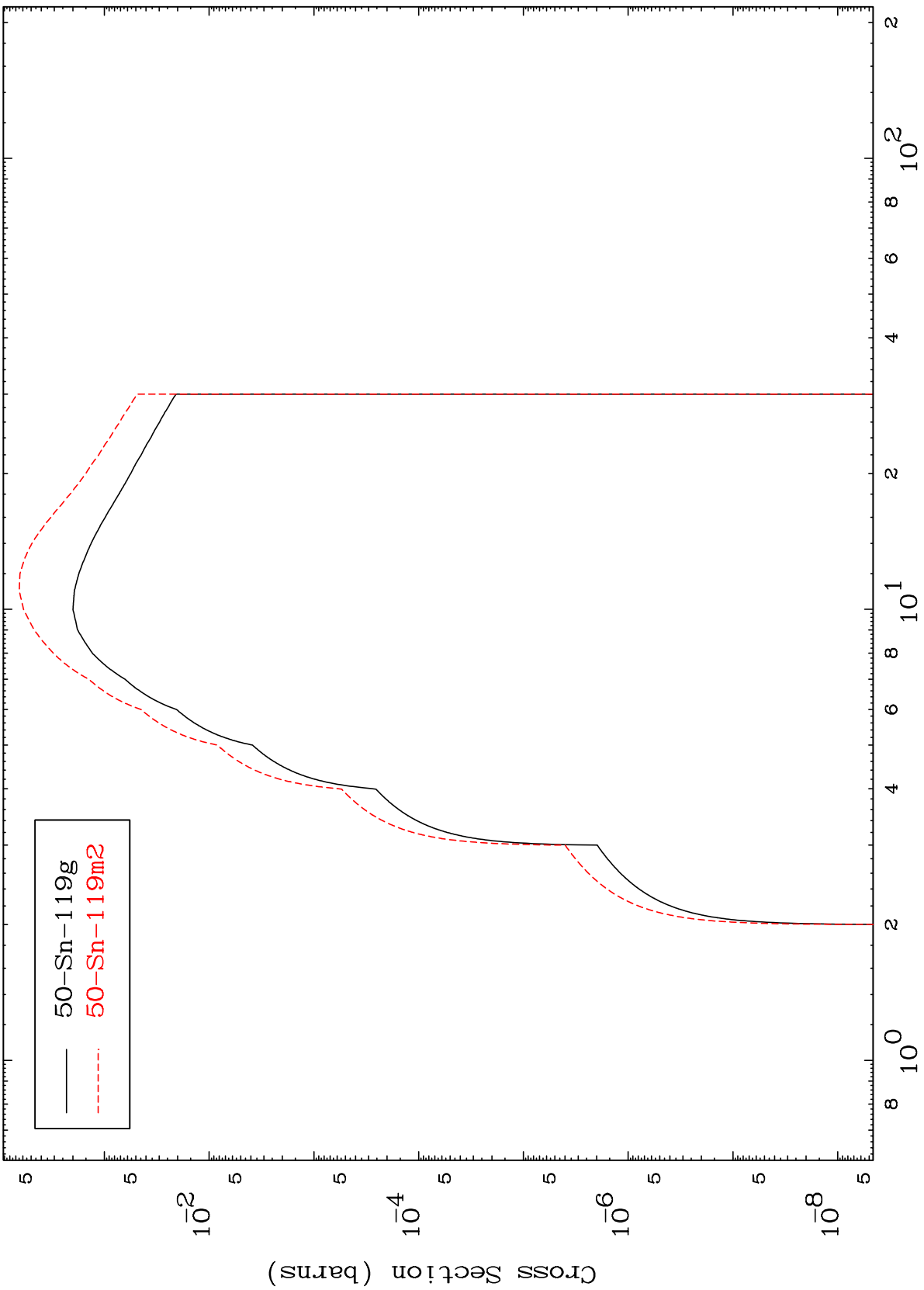
Incident Energy (MeV)

49-In-119

MAT 4943

49-In-119

Radionuclide Production Cross Section



13

Incident Energy (MeV)

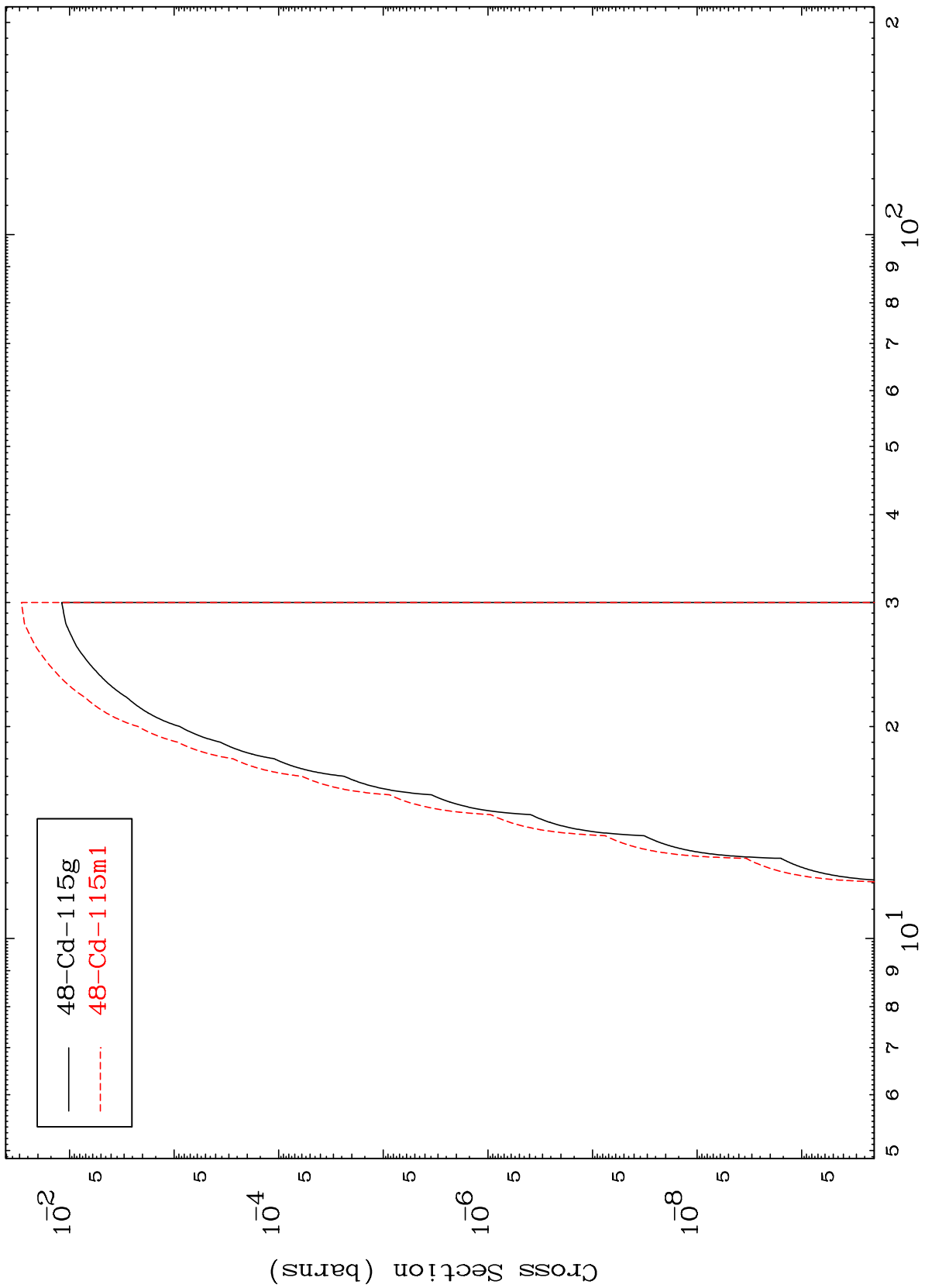
49-In-119

MAT 4943

$(n,2n) \alpha$

49-In-119

Radionuclide Production Cross Section



14

Incident Energy (MeV)

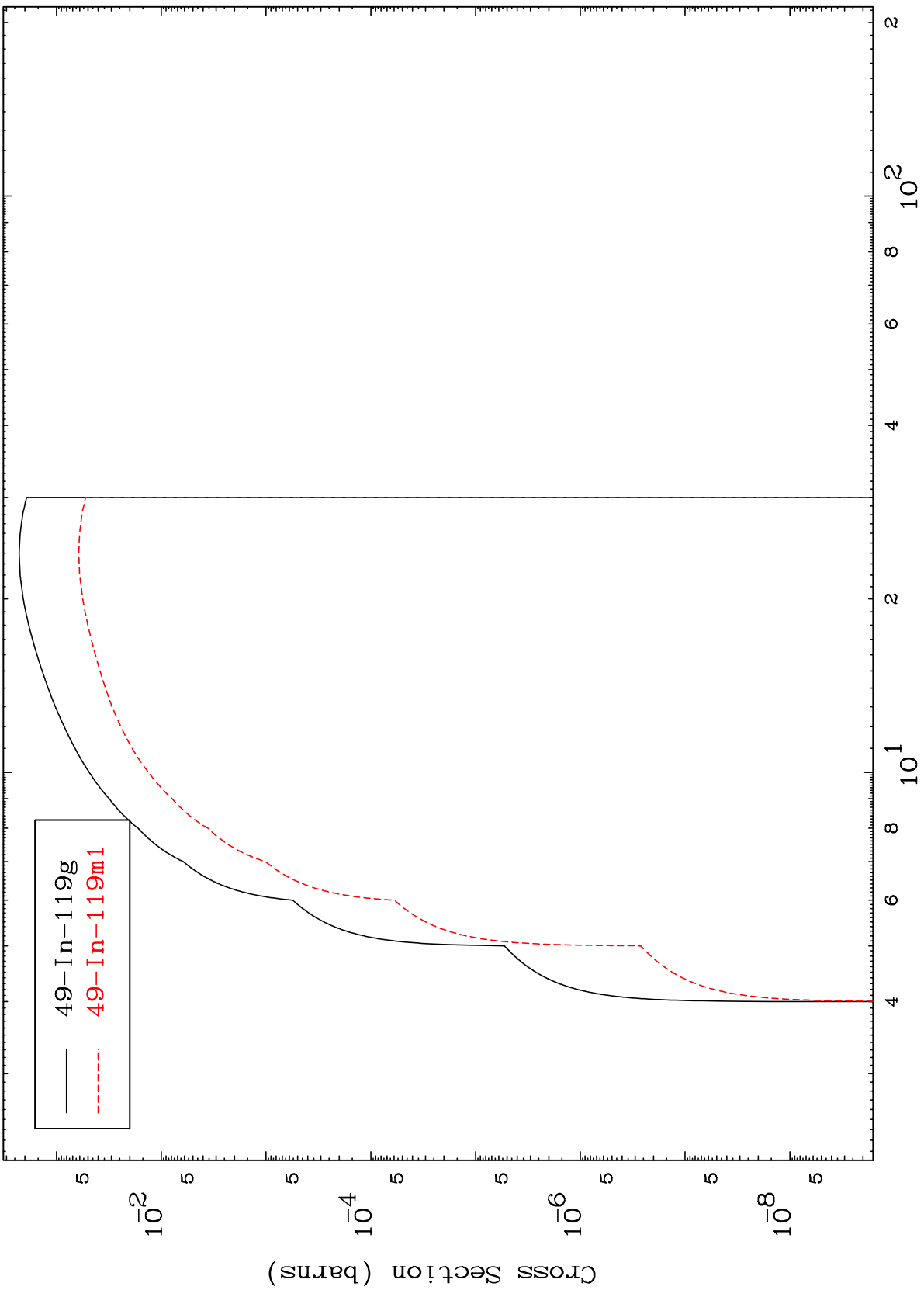
49-In-119

MAT 4943

(n,n') p

49-In-119

Radionuclide Production Cross Section

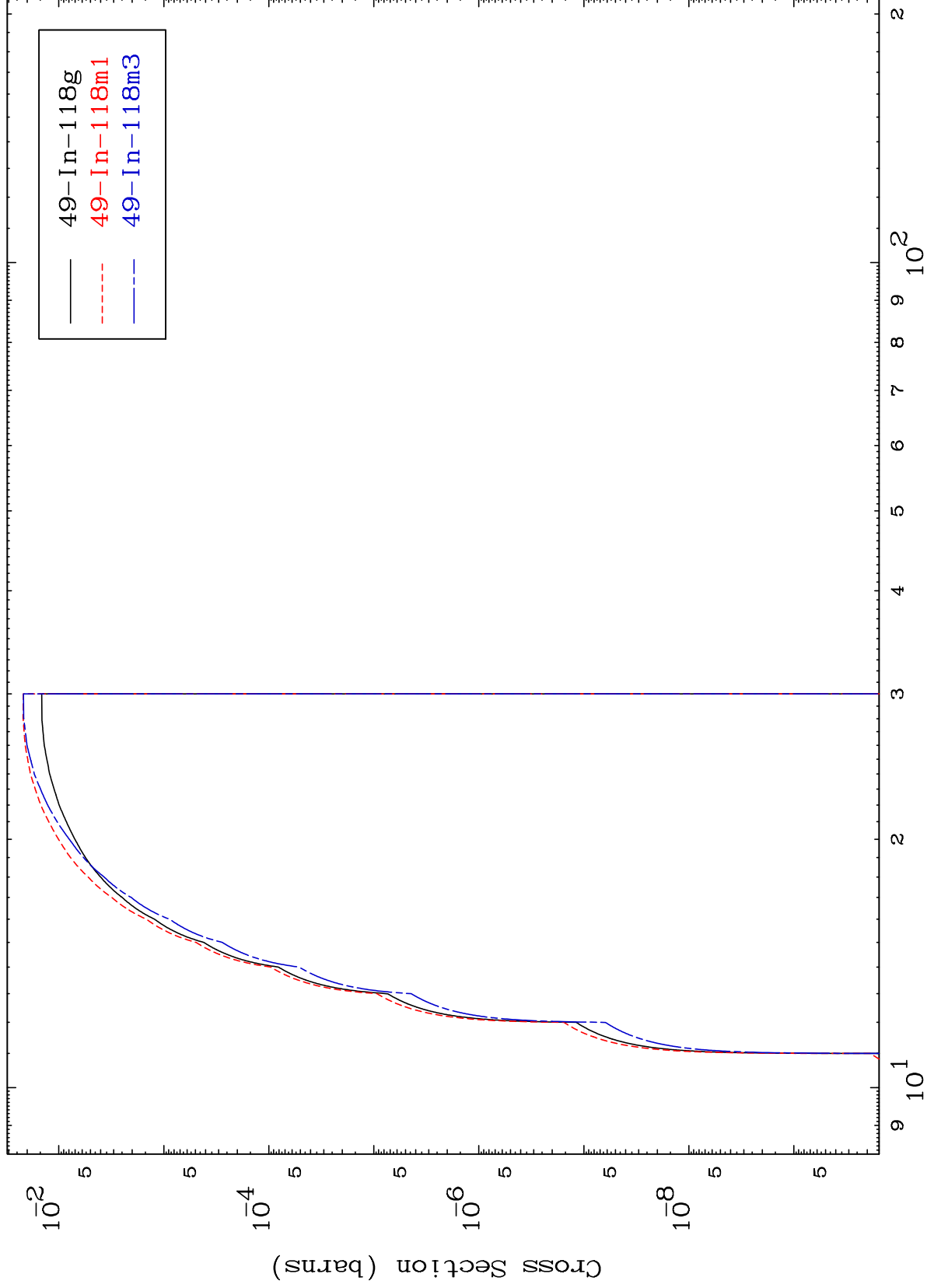


MAT 4943

(n,n') d

49-In-119

Radionuclide Production Cross Section



16

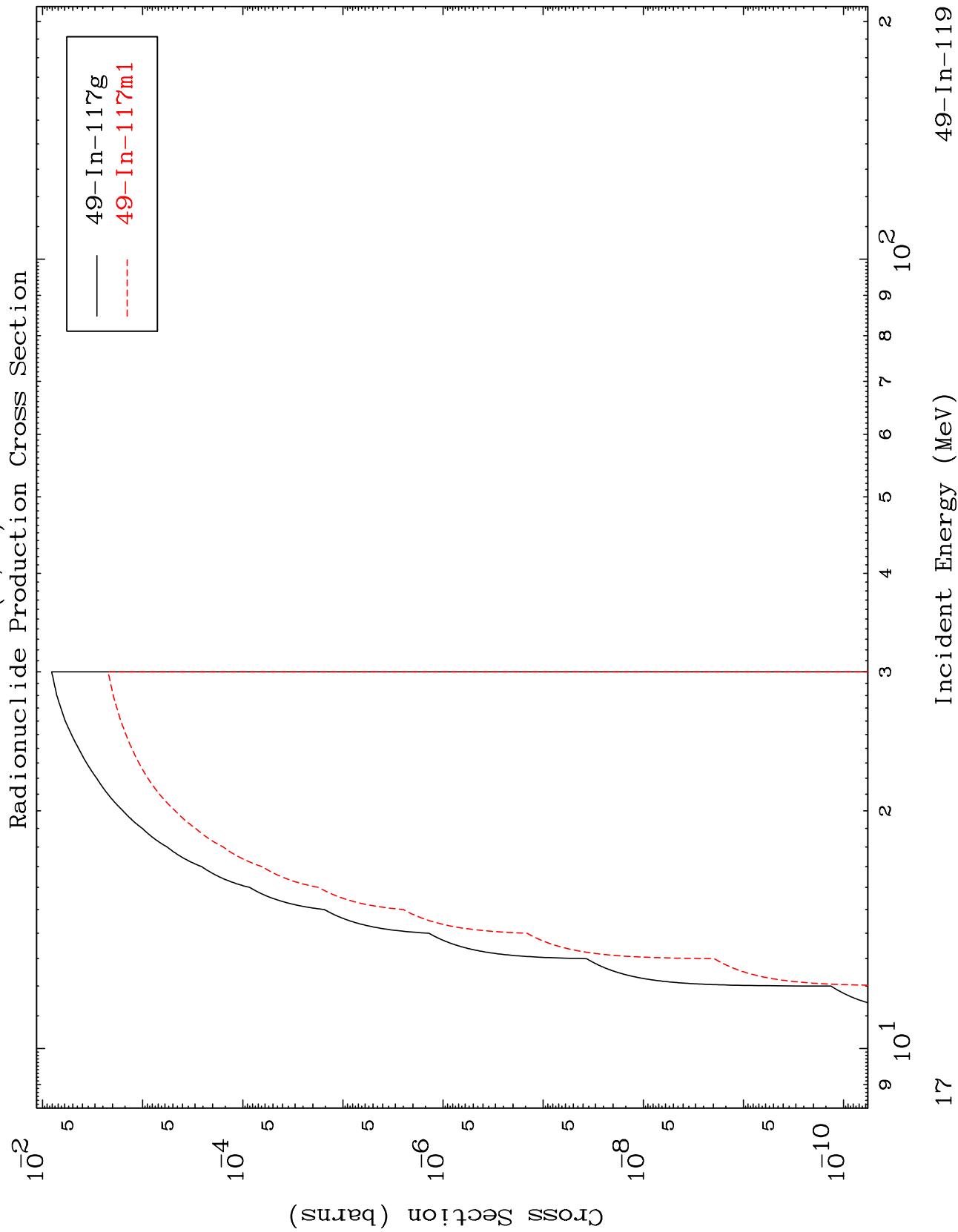
Incident Energy (MeV)

49-In-119

MAT 4943

(n,n') t

49-In-119



49-In-119

Incident Energy (MeV)

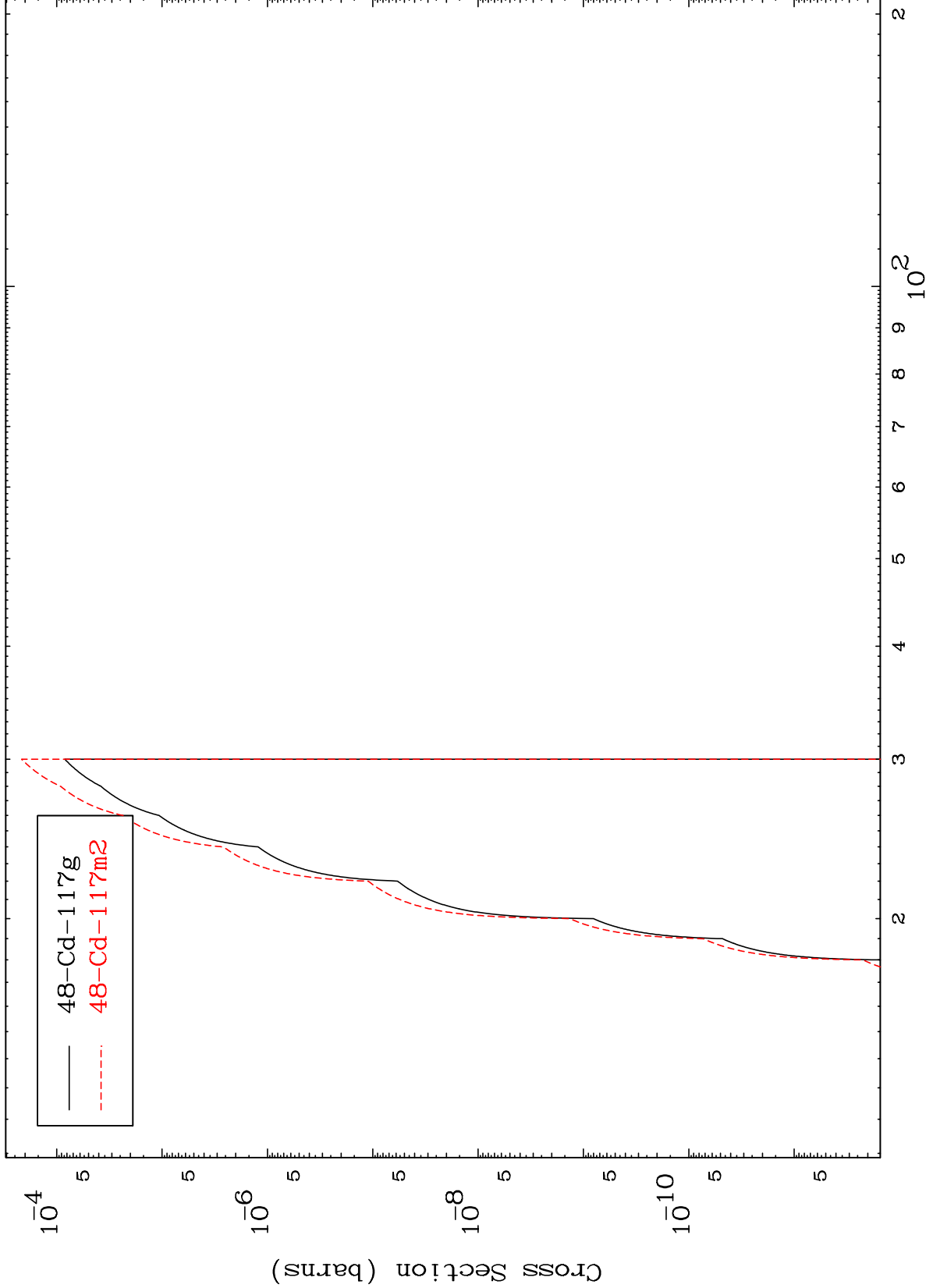
17

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(n,n') He-3

49-In-119

Radionuclide Production Cross Section

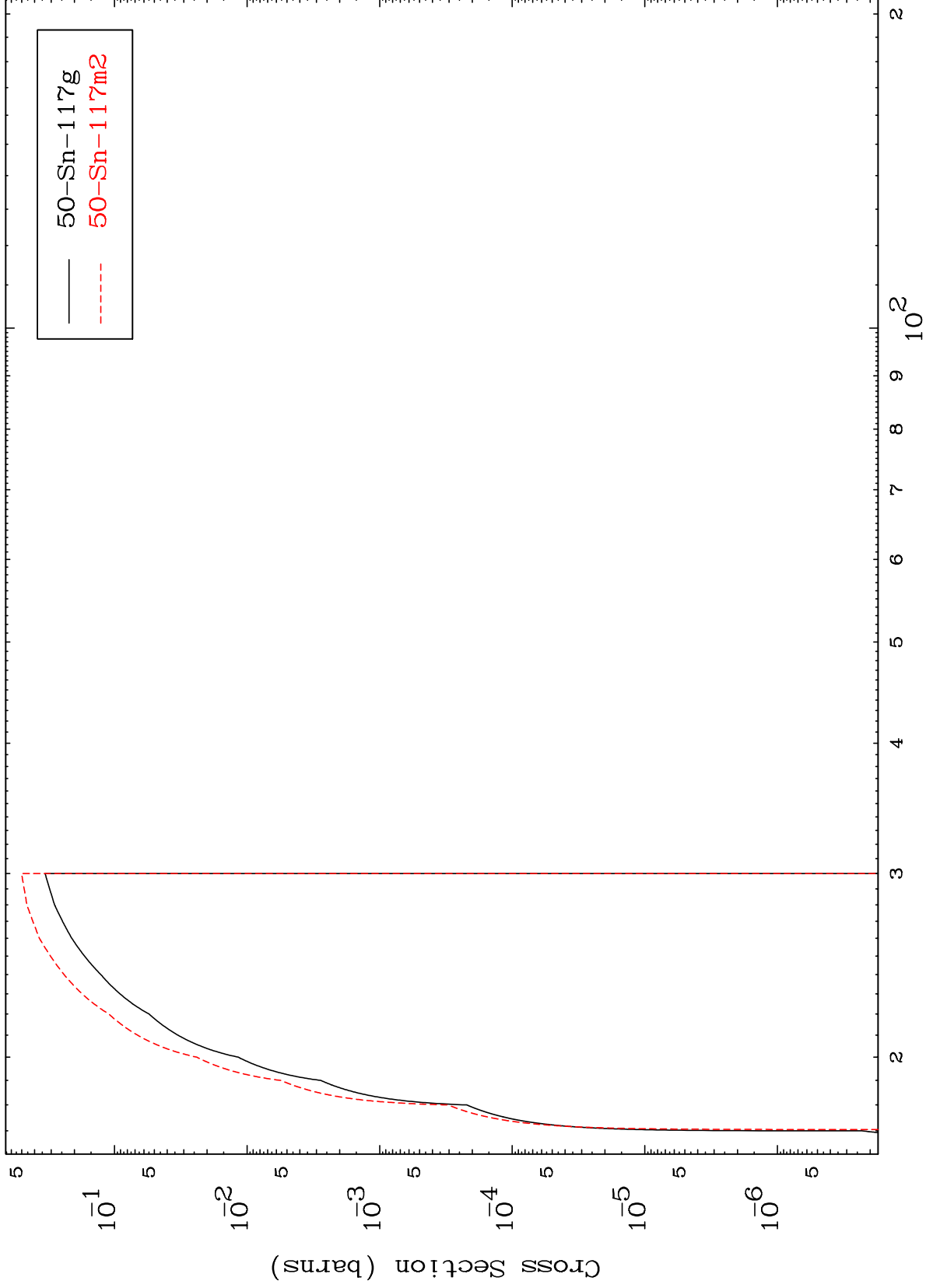


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(n,4n)

49-In-119

Radionuclide Production Cross Section



19

Incident Energy (MeV)

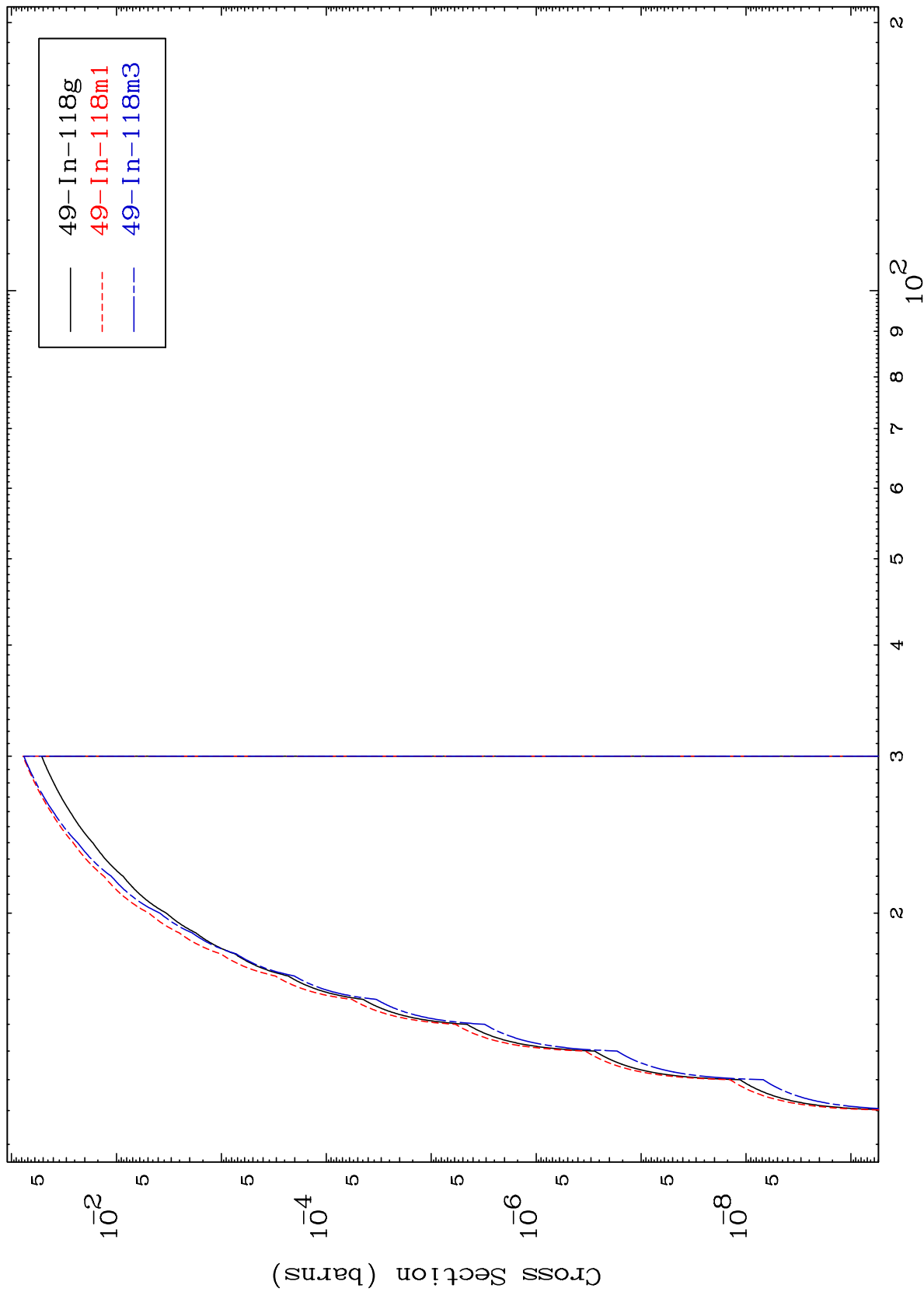
49-In-119

MAT 4943

(n,2n) p

49-In-119

Radionuclide Production Cross Section



20

Incident Energy (MeV)

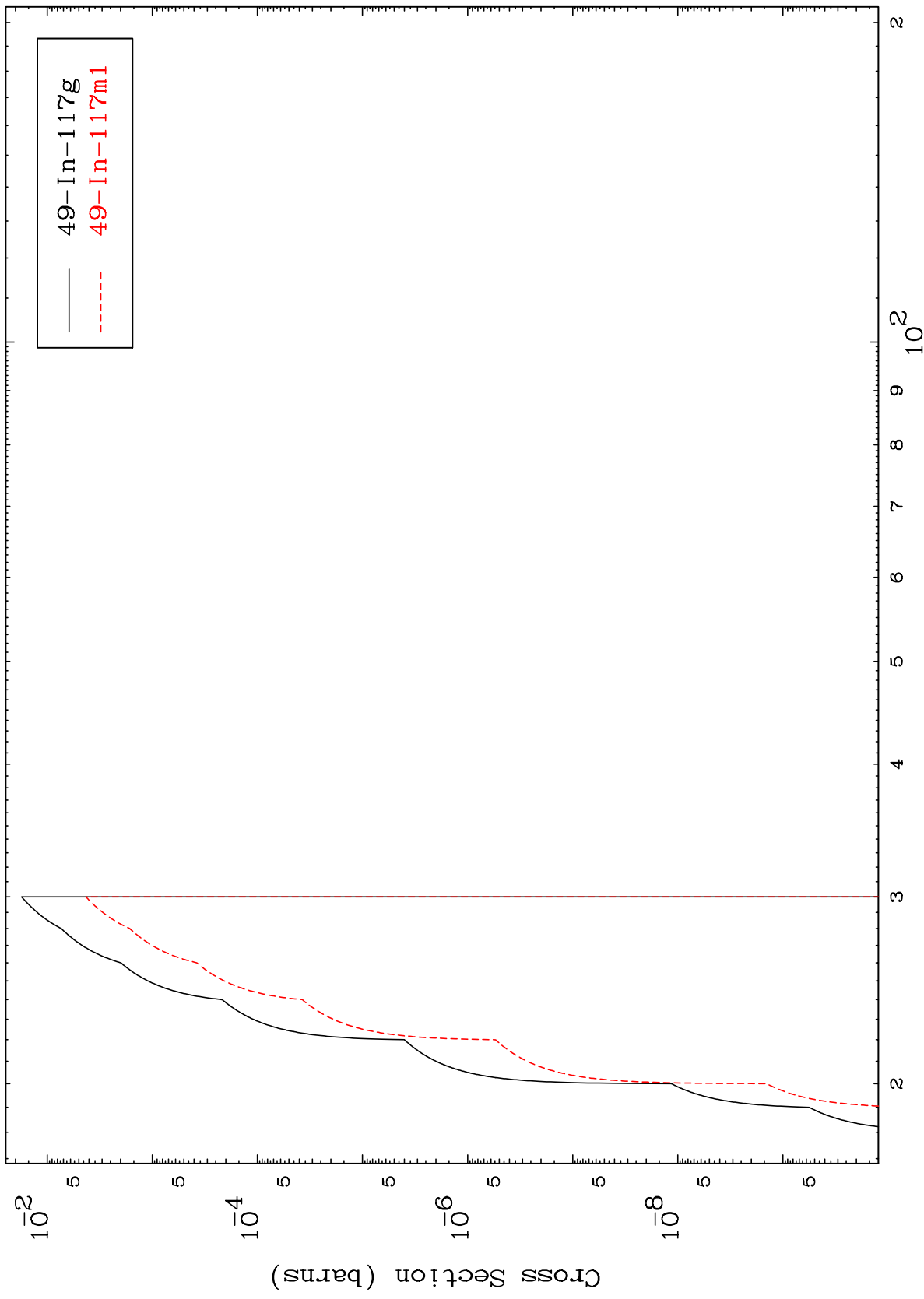
49-In-119

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(n,3n) p

49-In-119

Radionuclide Production Cross Section



21

Incident Energy (MeV)

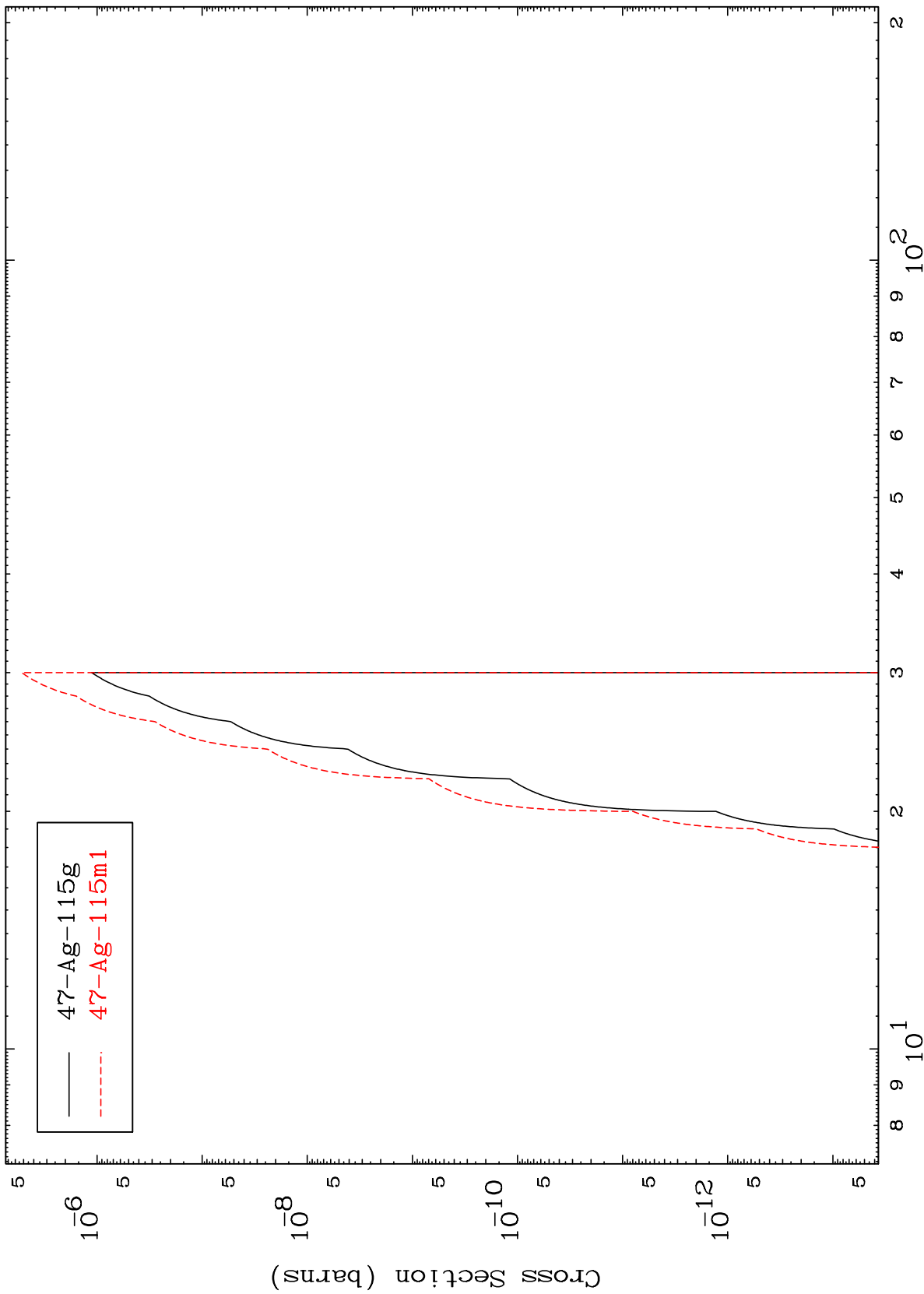
49-In-119

MAT 4943

(n,n') p α

49-In-119

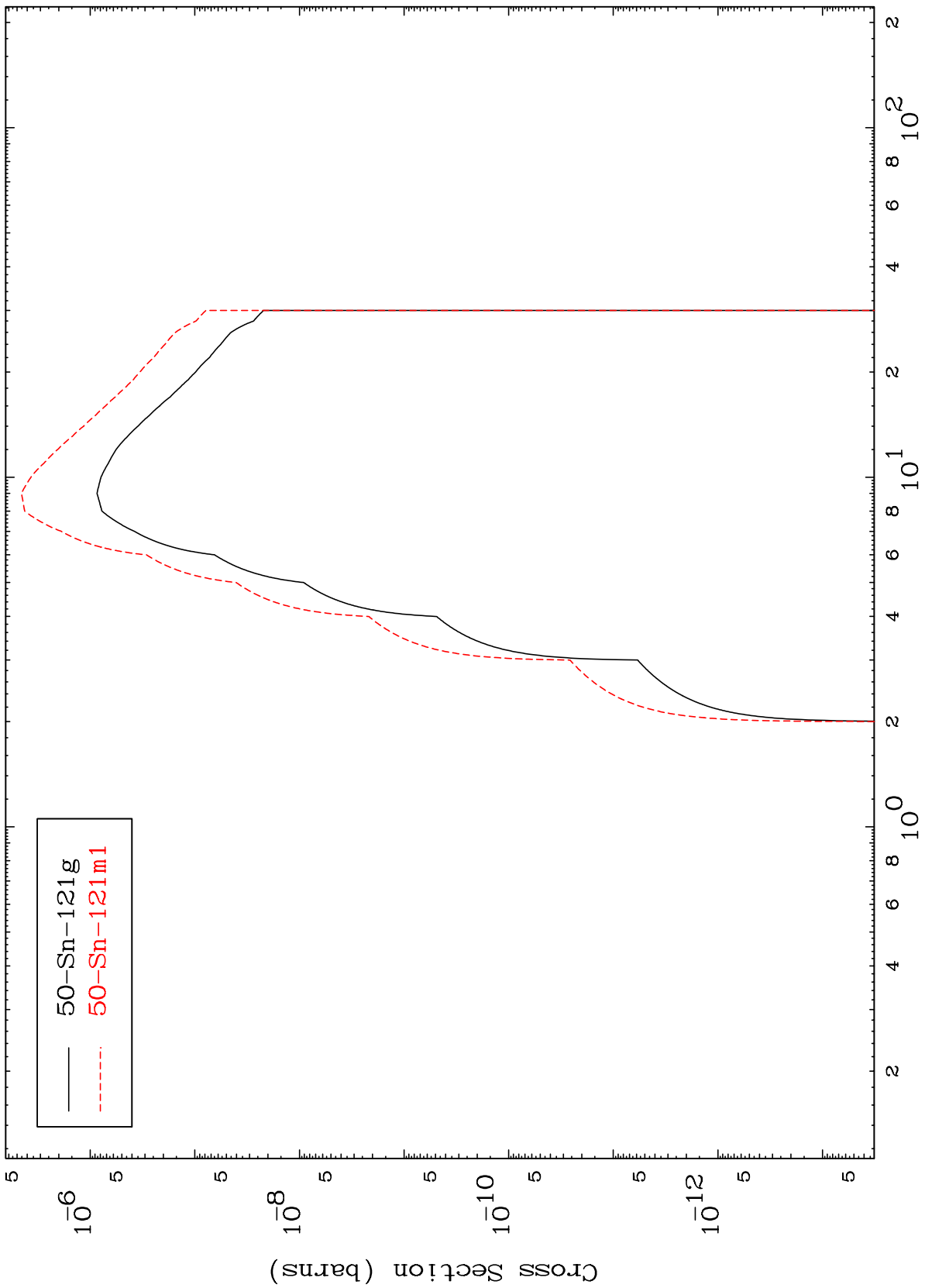
Radionuclide Production Cross Section



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49-In-119

(n, γ)
Radionuclide Production Cross Section



49-In-119

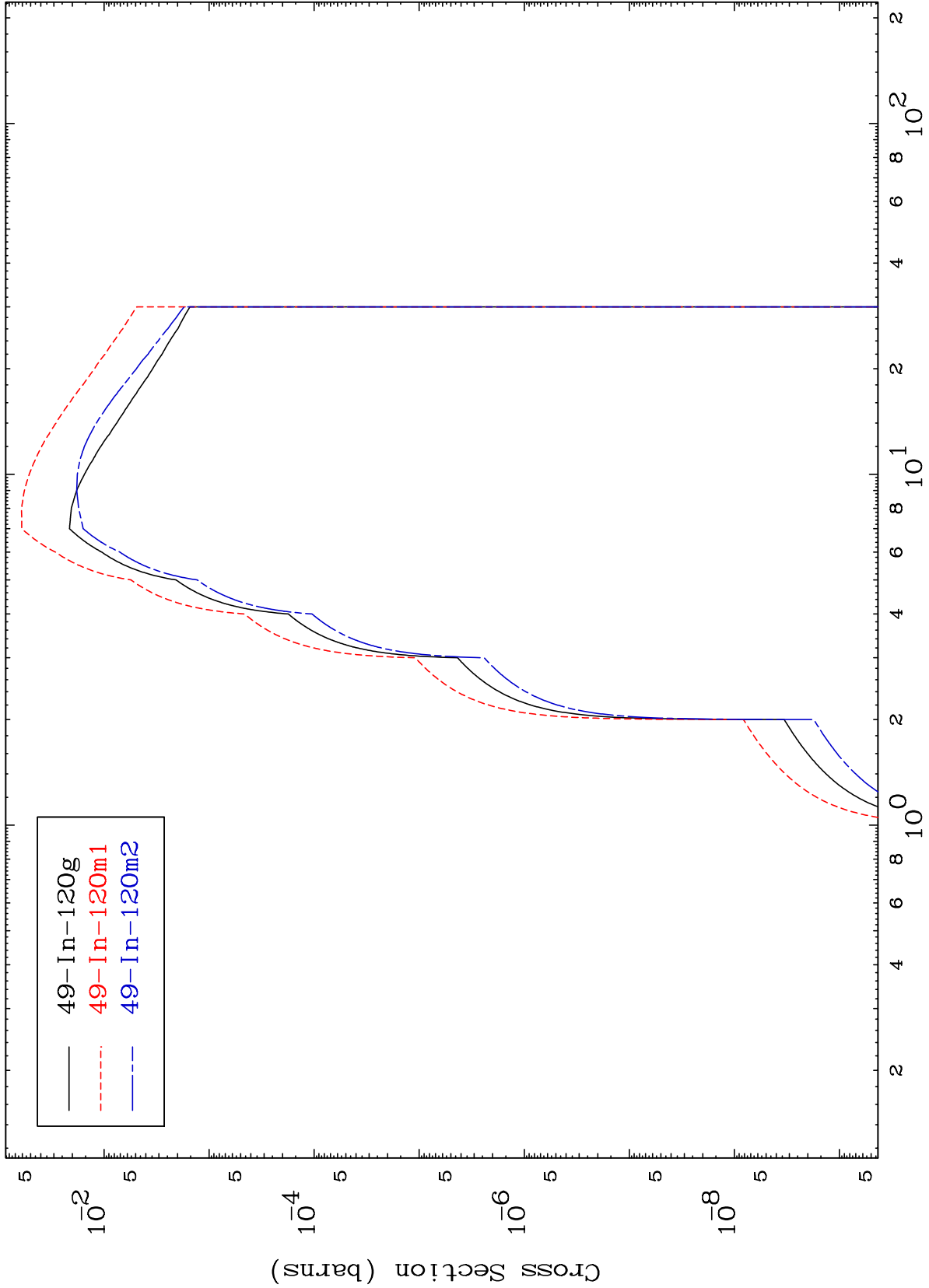
Incident Energy (MeV)

23

MAT 4943

49-In-119

(n,p)
Radionuclide Production Cross Section

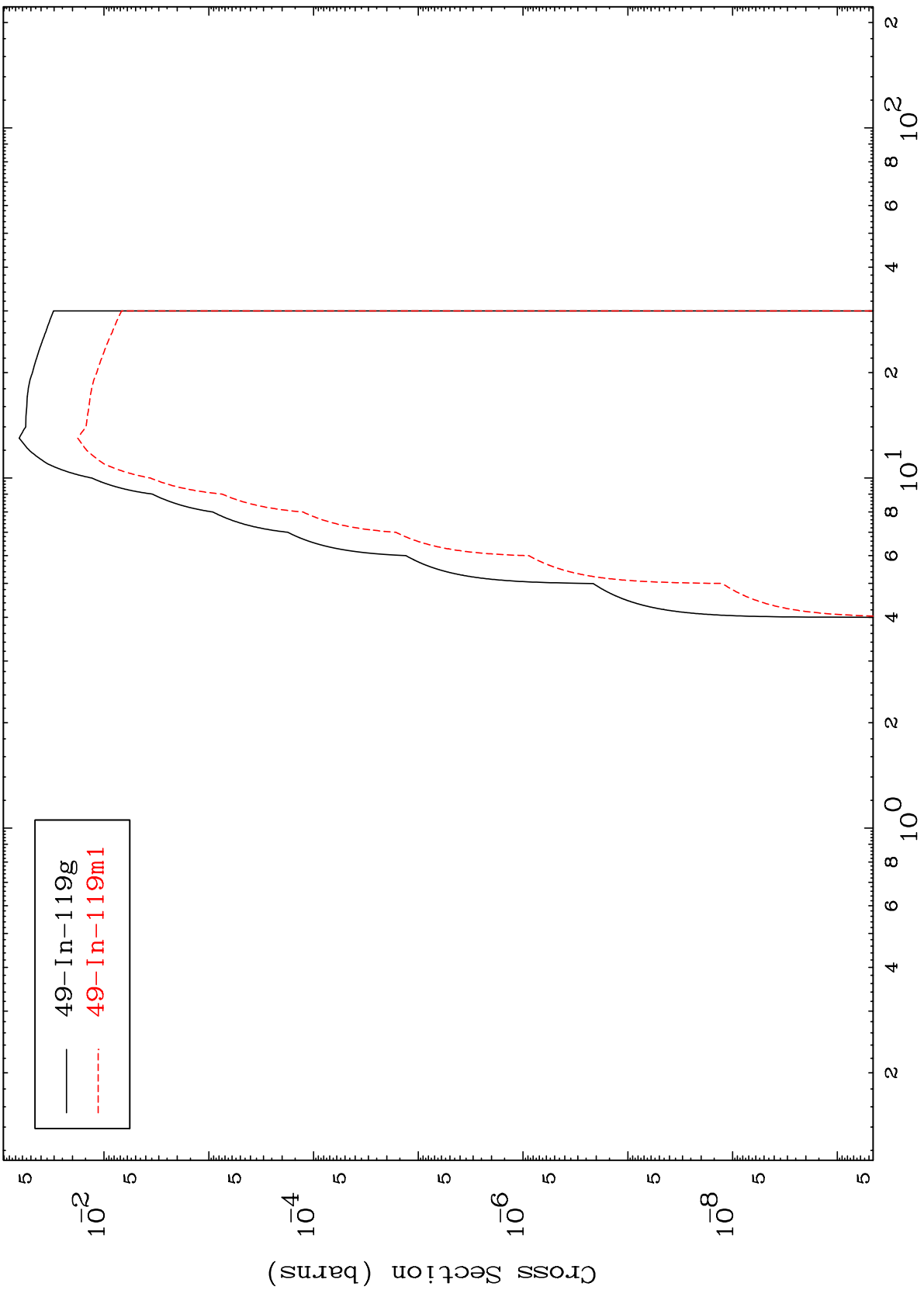


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(n,d)

49-In-119

Radionuclide Production Cross Section

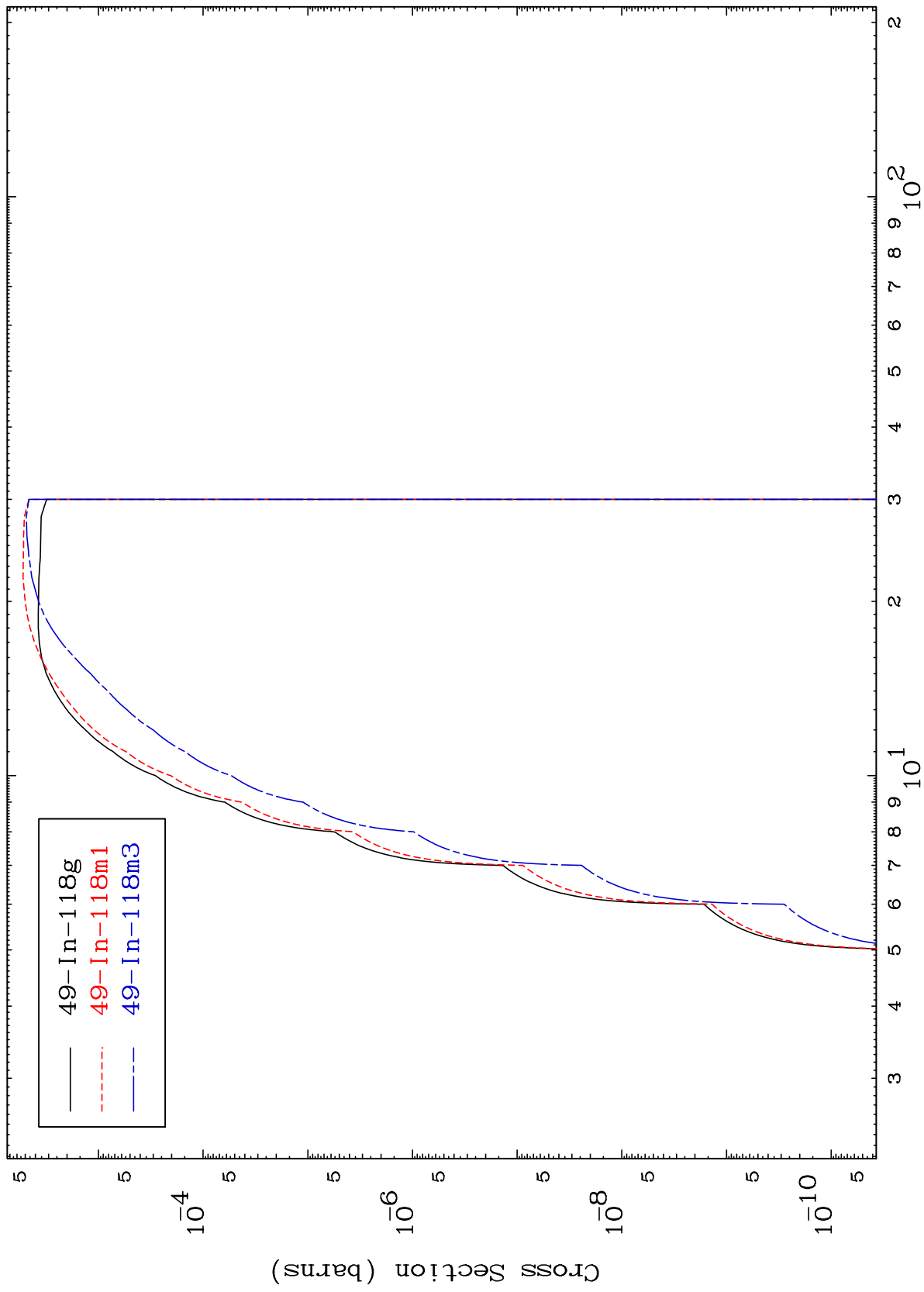


49-In-119g
49-In-119m1

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49-In-119

Radionuclide Production Cross Section



26

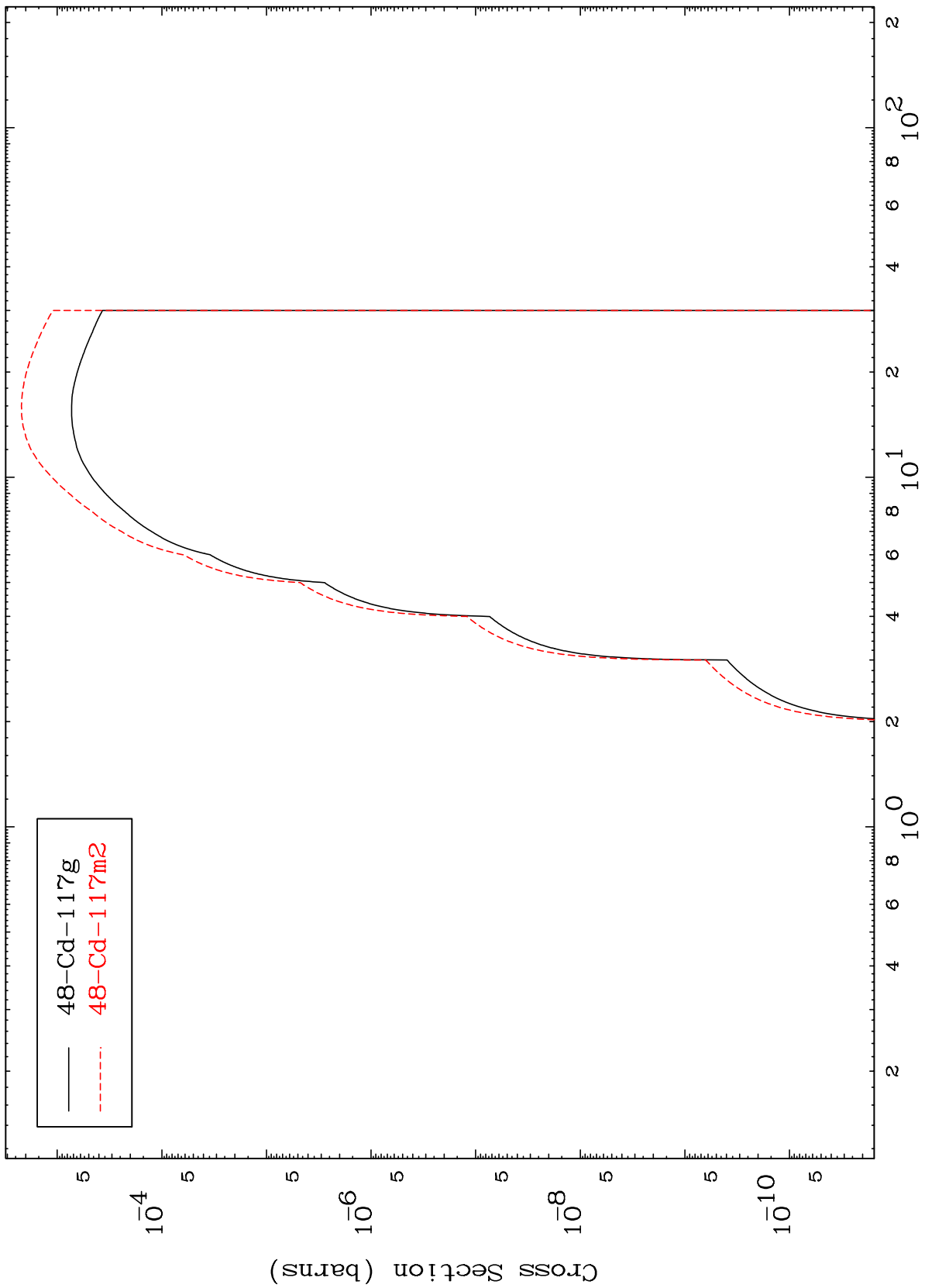
49-In-119

Incident Energy (MeV)

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49-In-119

(n, α)
Radionuclide Production Cross Section



49-In-119

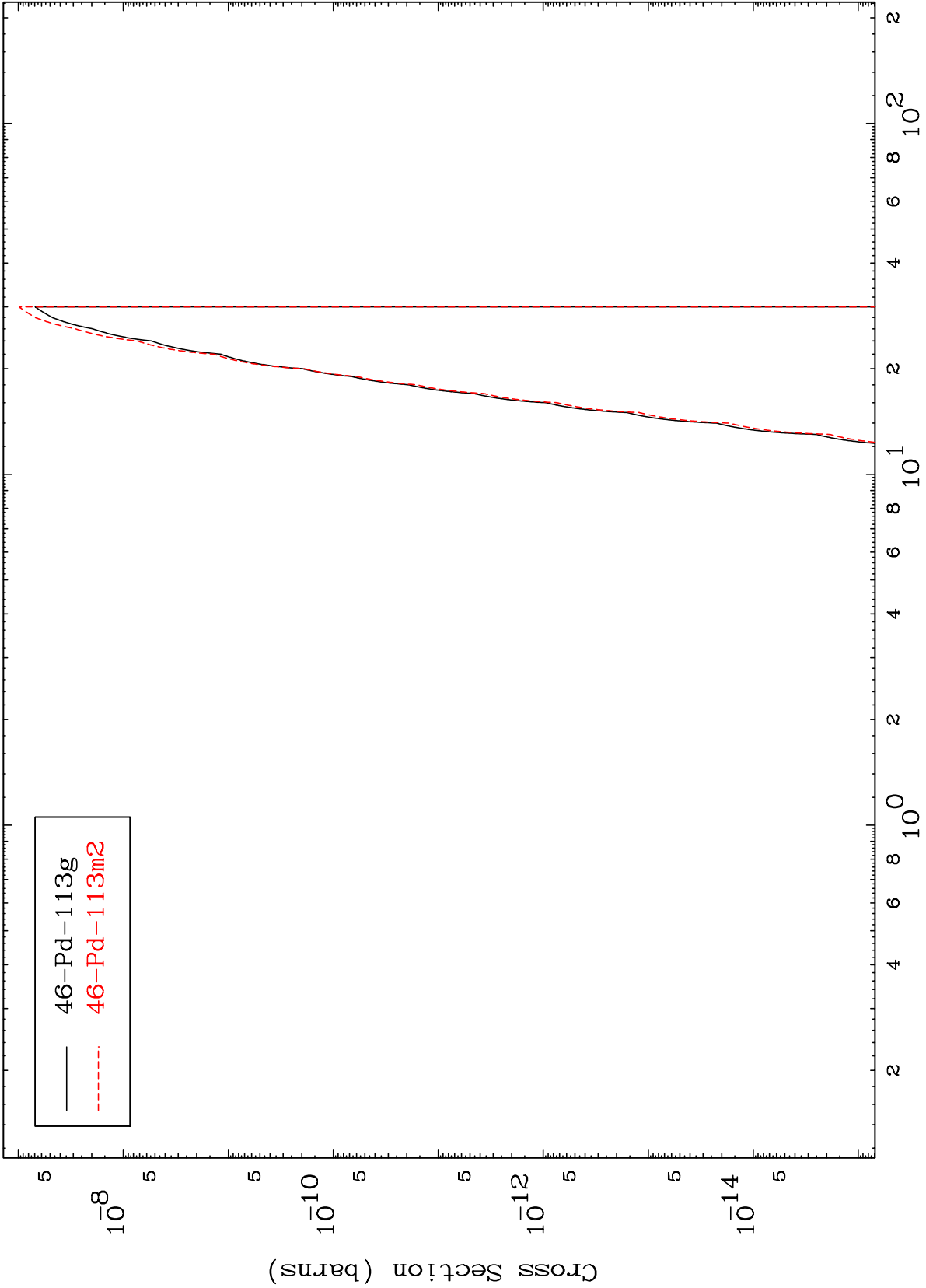
Incident Energy (MeV)

MAT 4943

(n,2α)

49-In-119

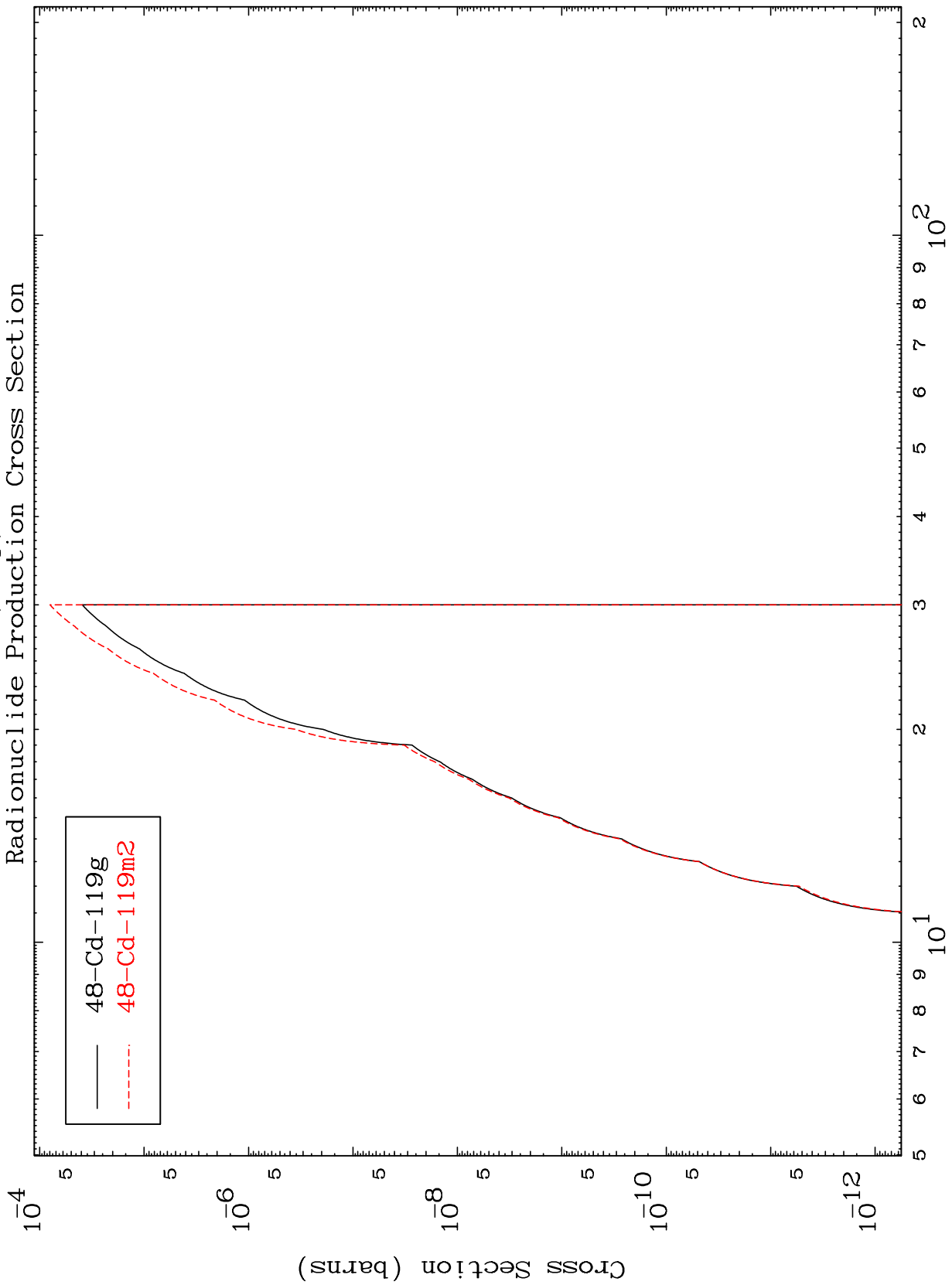
Radionuclide Production Cross Section



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49-In-119

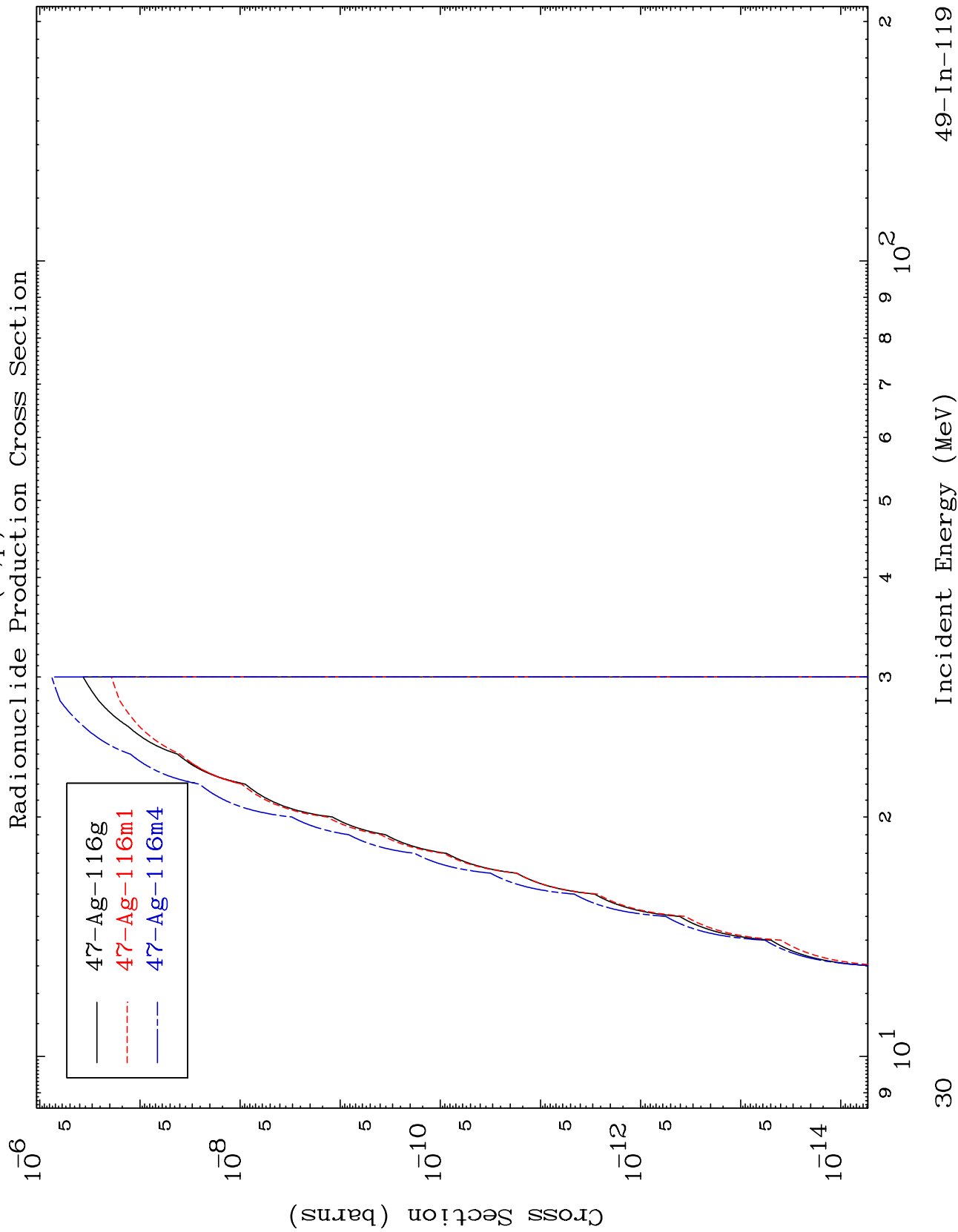
(n,2p)
Radionuclide Production Cross Section



MAT 4943

(n,p) α

49-In-119

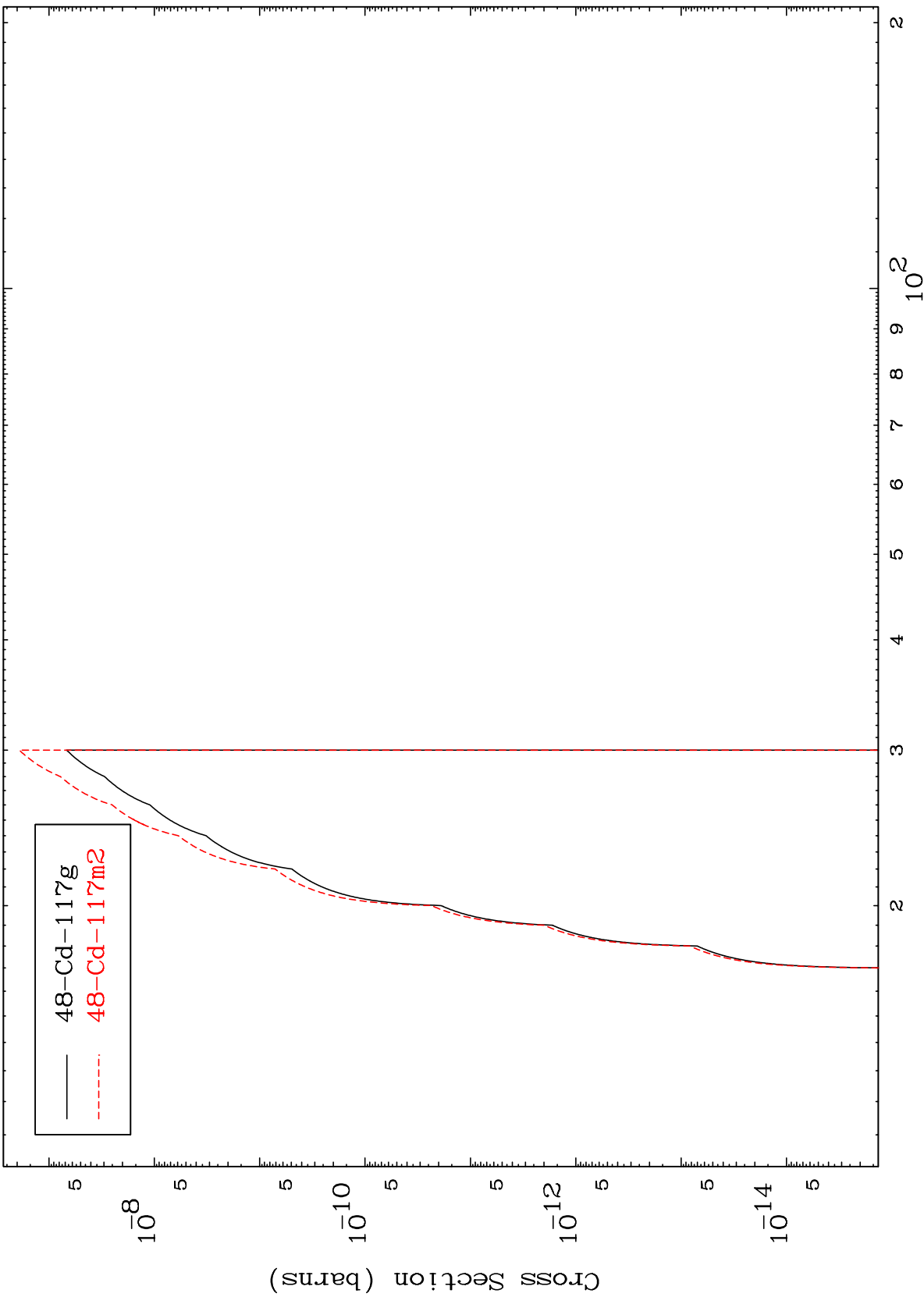


30

Incident Energy (MeV)

49-In-119

Radionuclide Production Cross Section

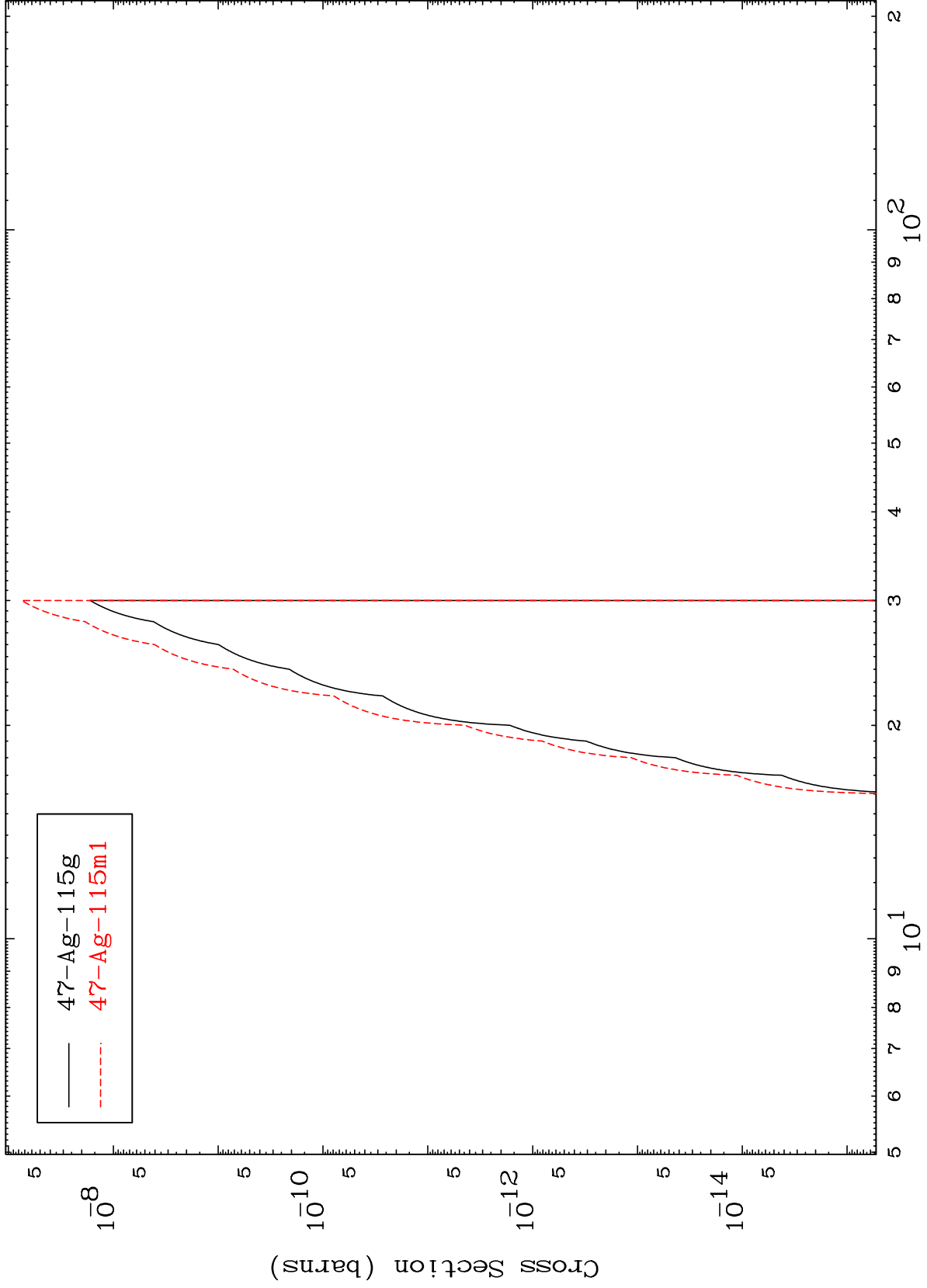


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(n,d) α

49-In-119

Radionuclide Production Cross Section



32

Incident Energy (MeV)

49-In-119