

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

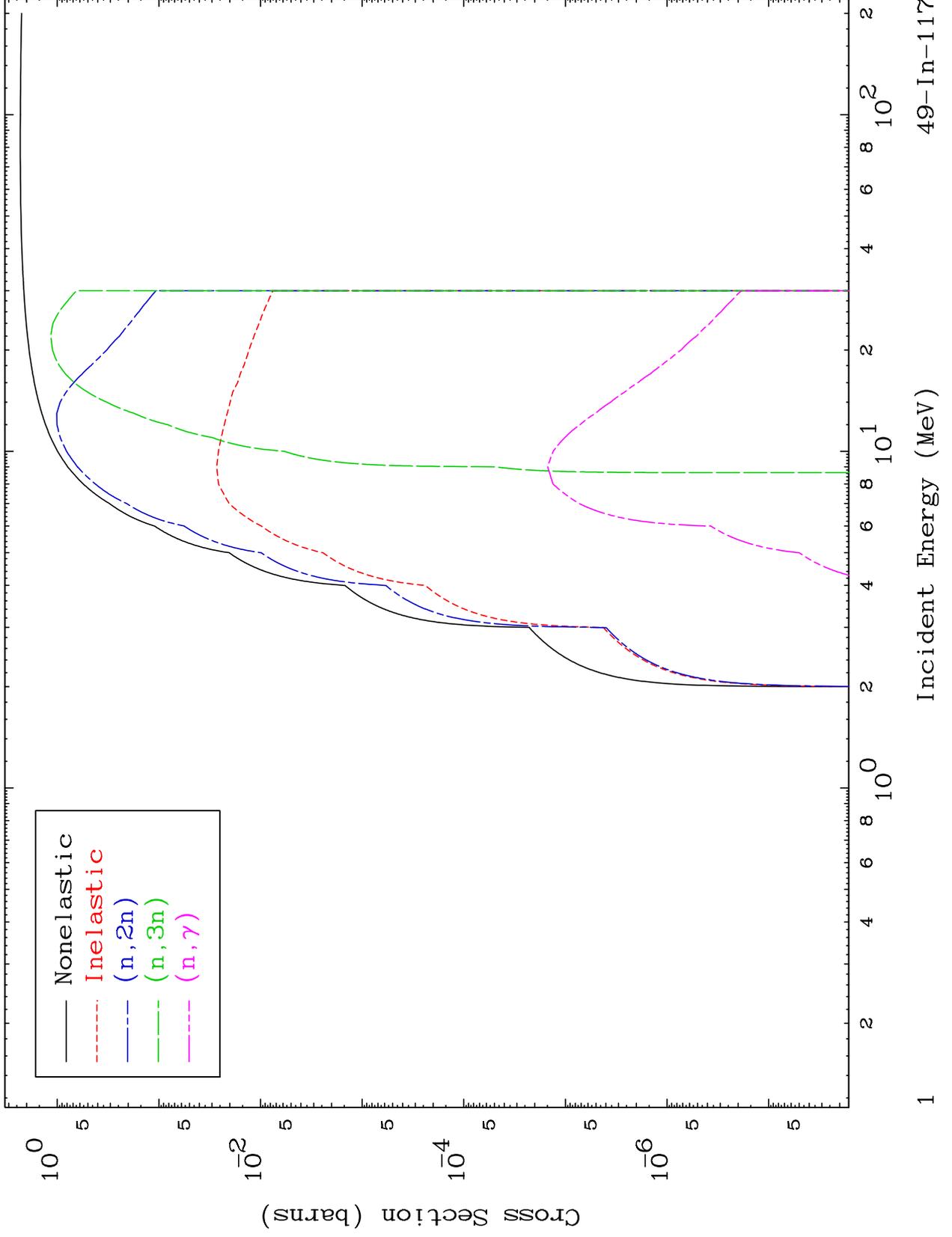
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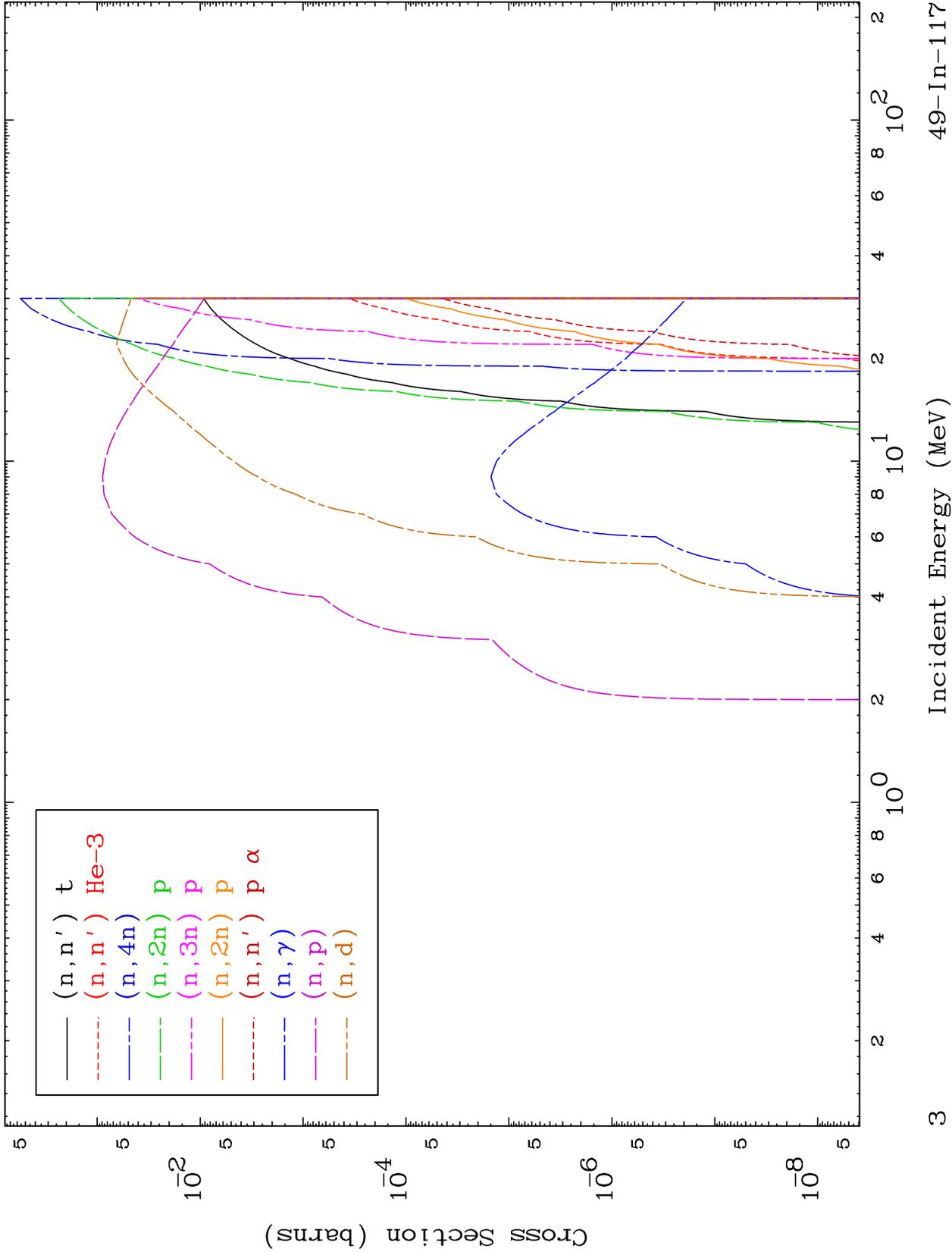
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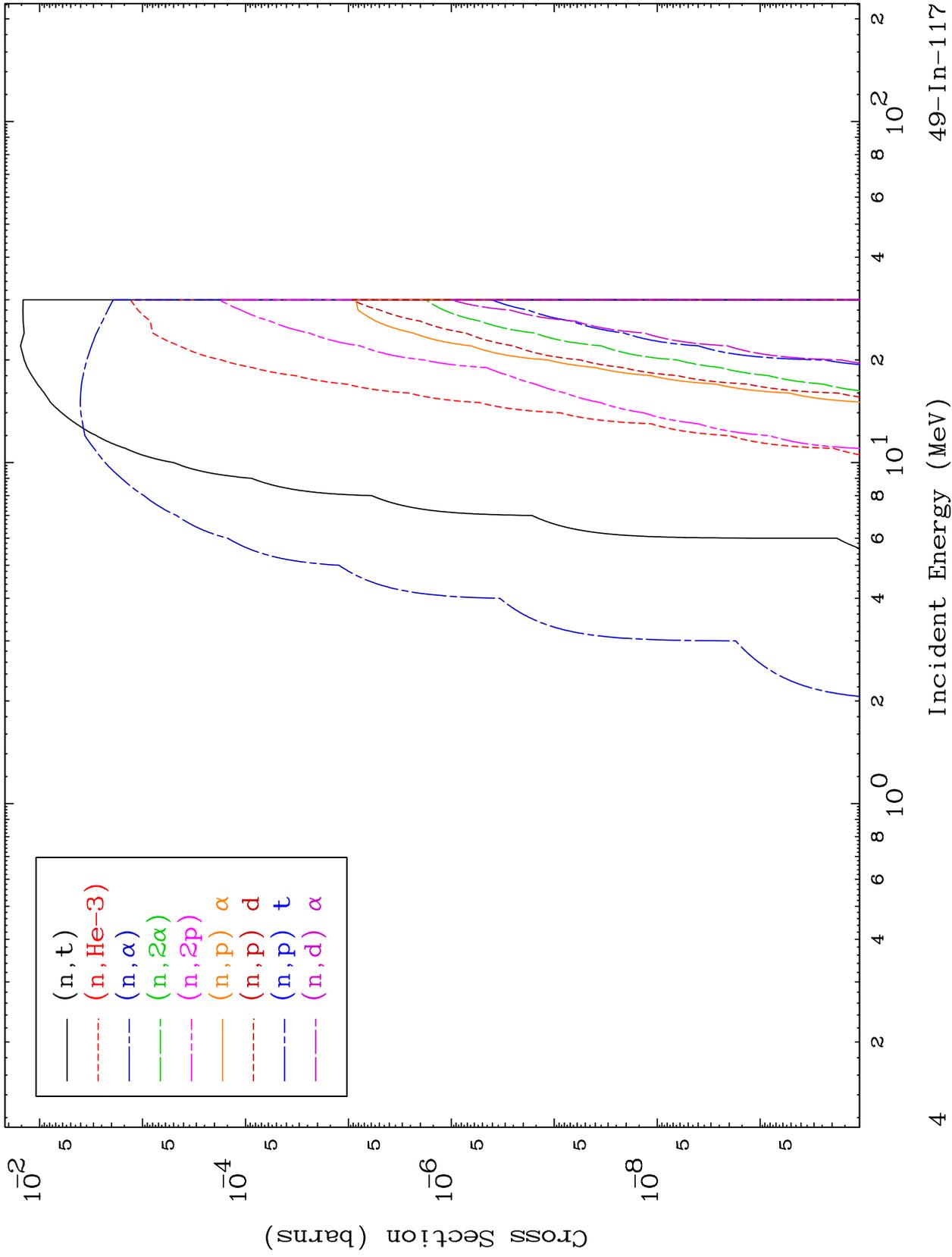
E.Mail:redcullen1@comcast.net

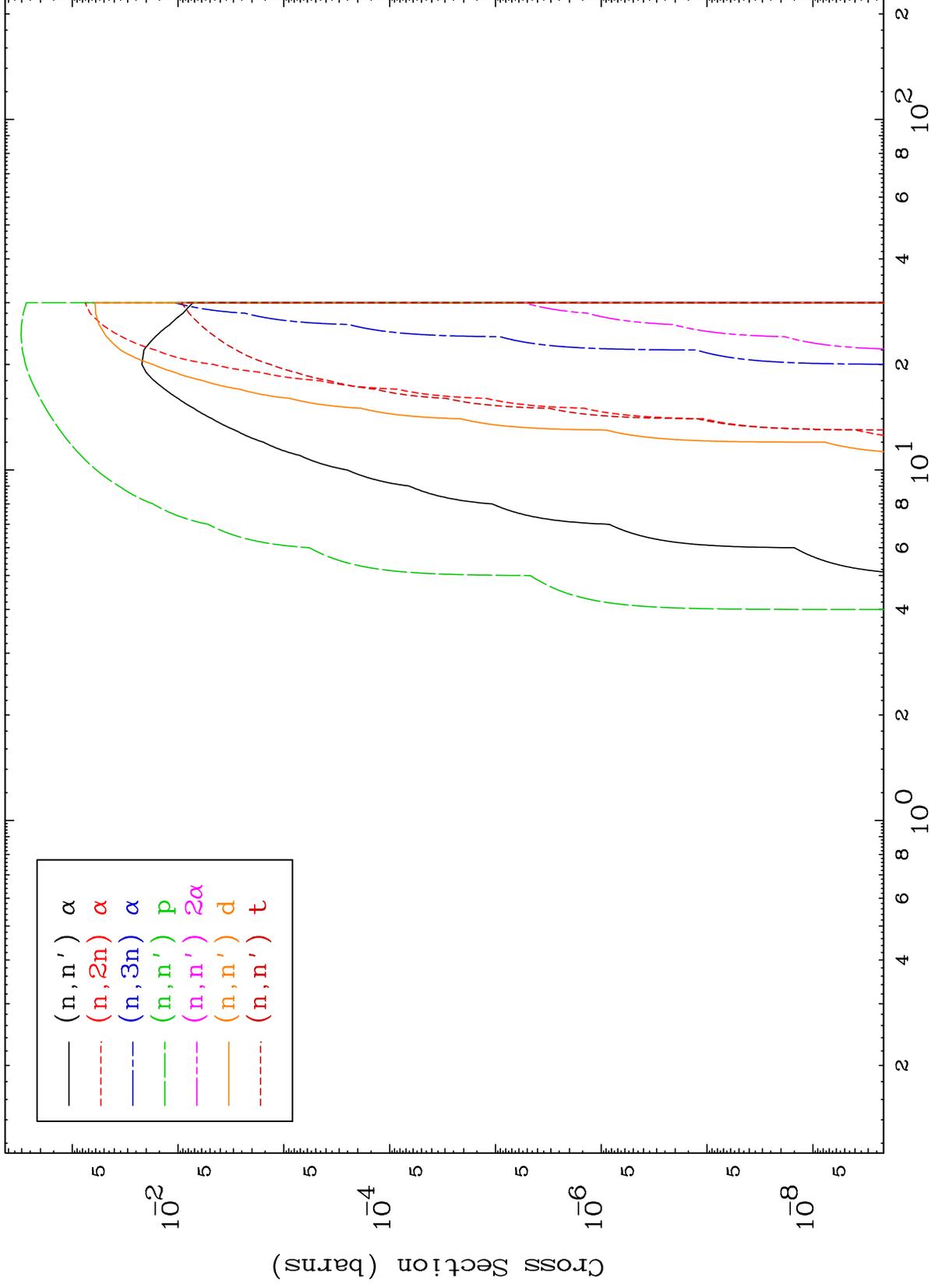
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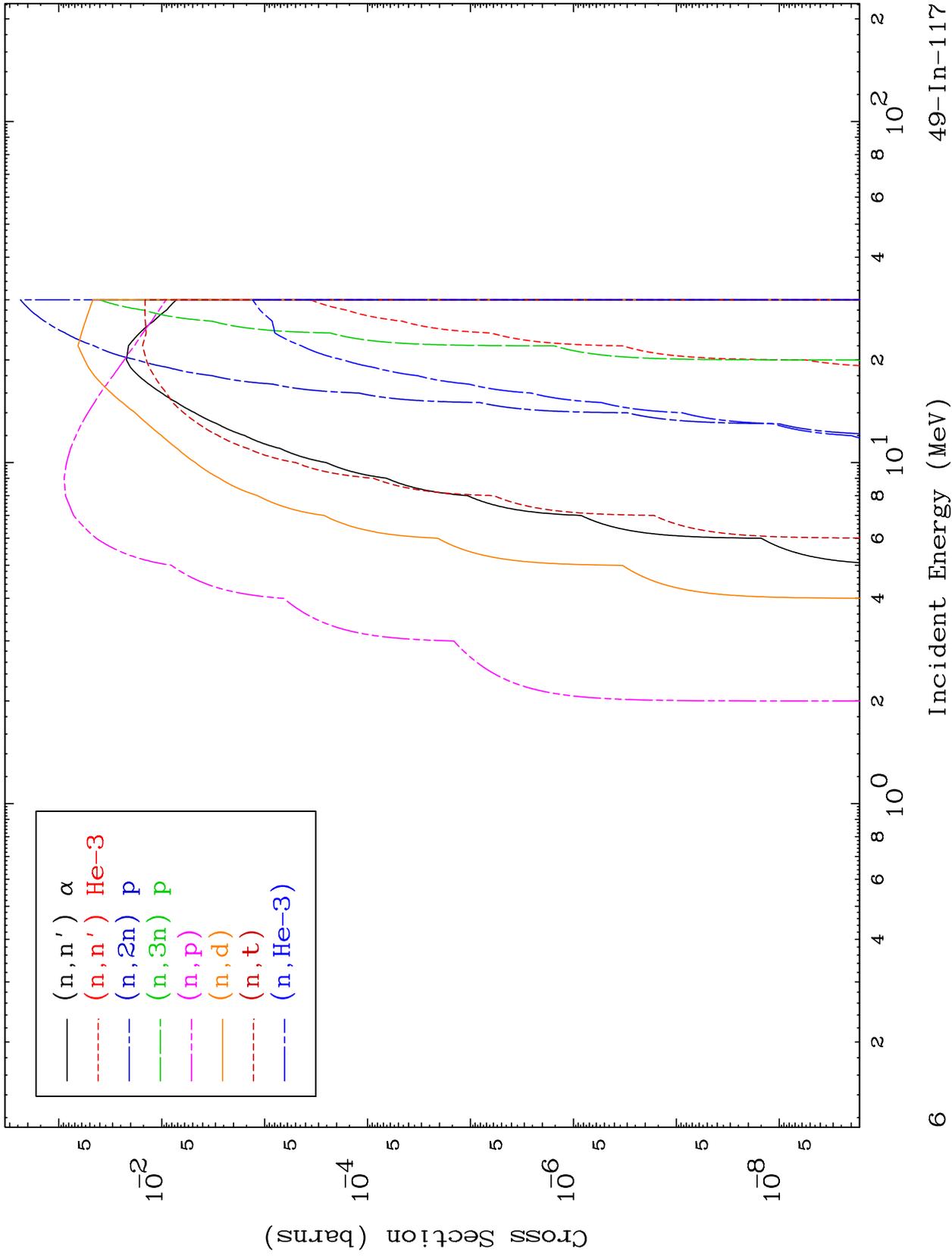
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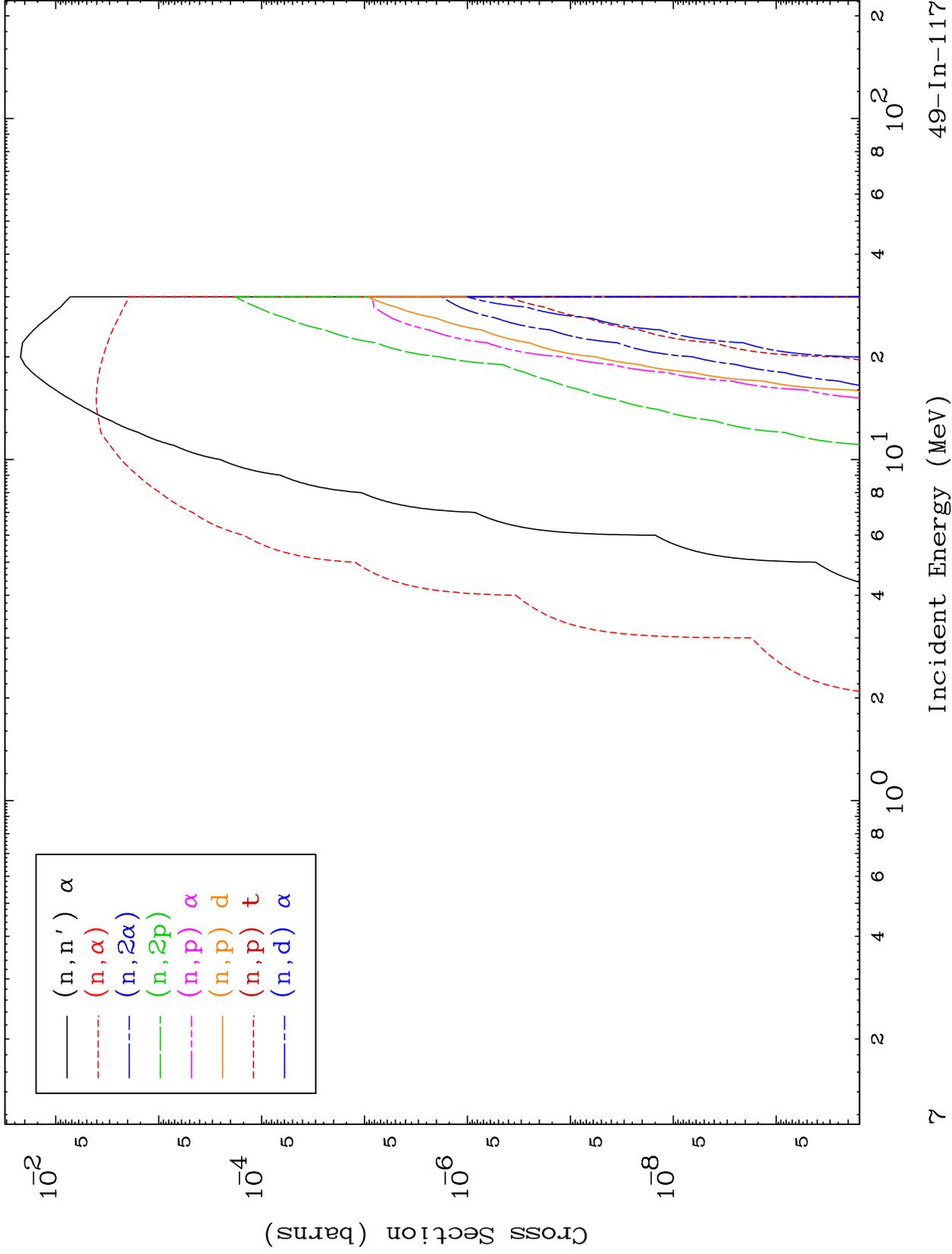










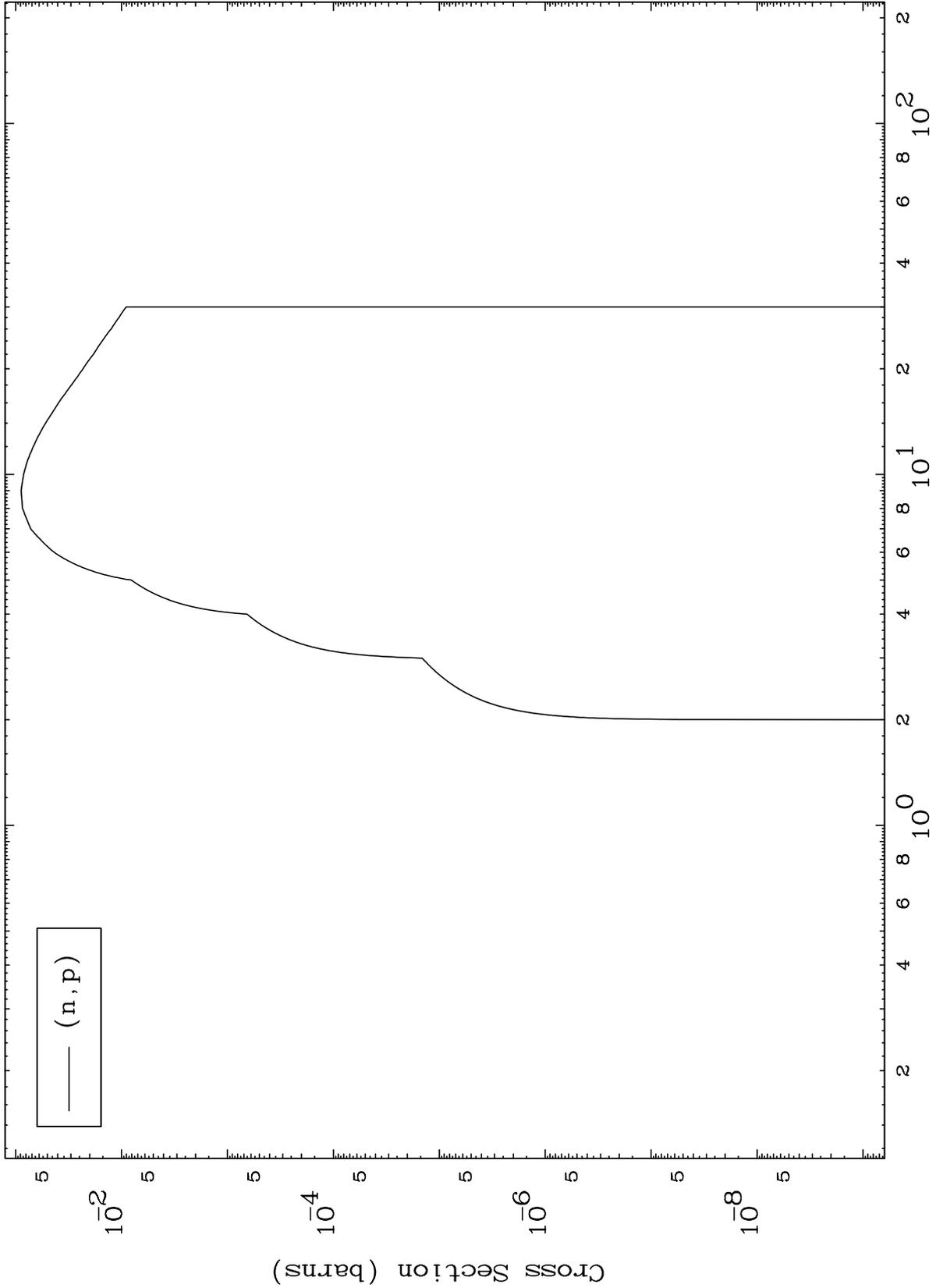


MAT 4937

(d,p) Levels

49-In-117

0 Kelvin Cross Sections

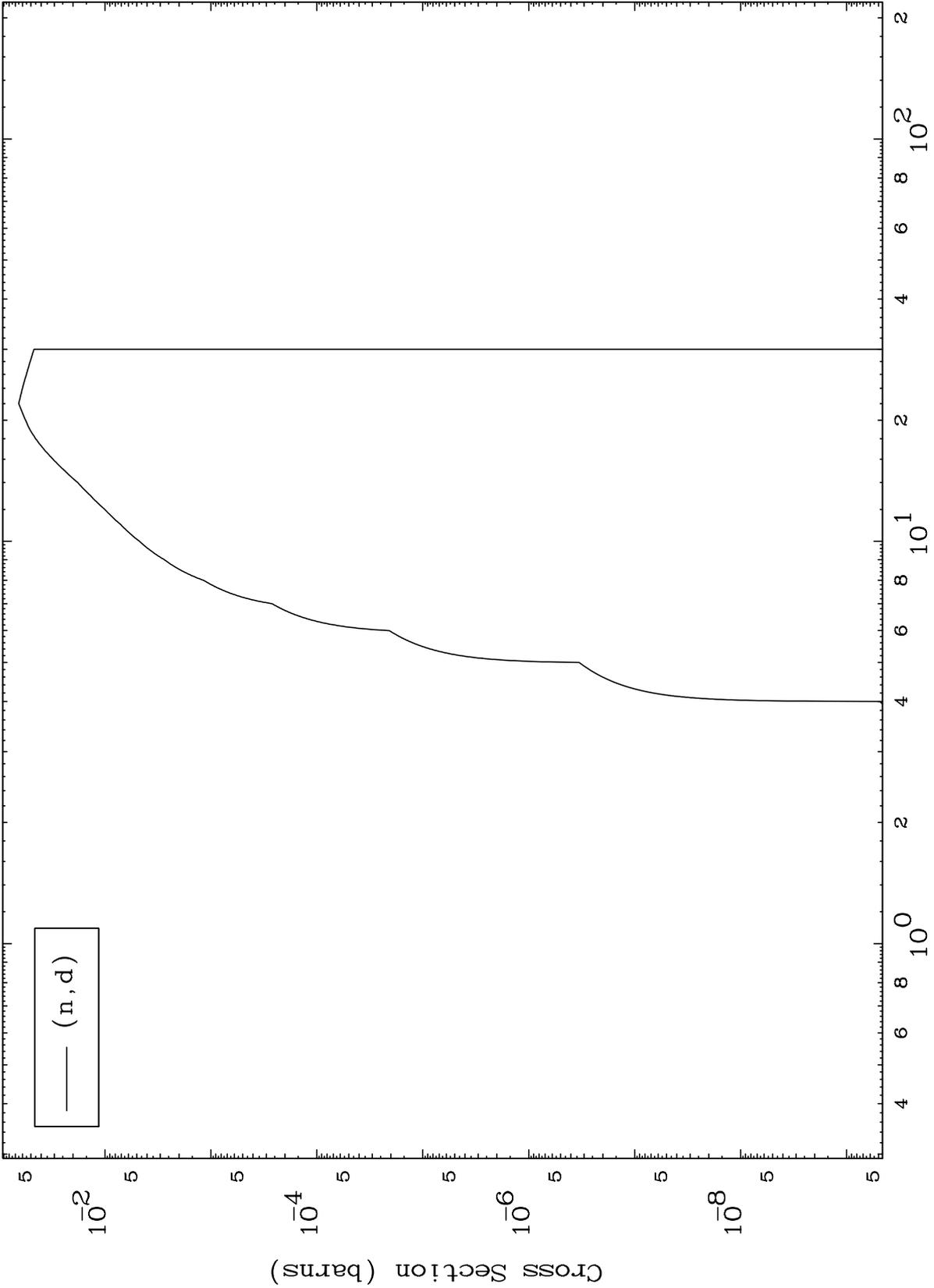


MAT 4937

(d,d) Levels

49-In-117

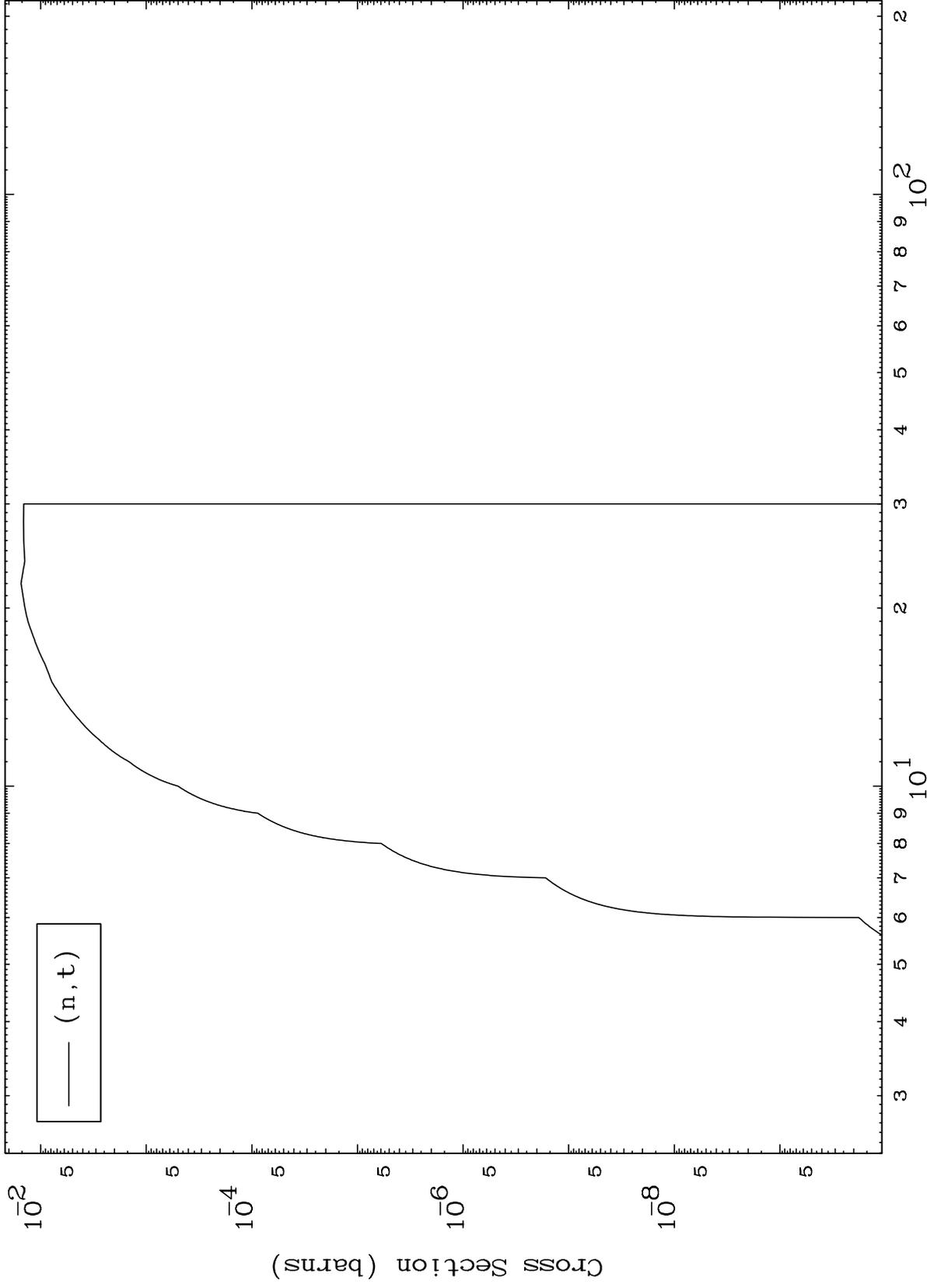
0 Kelvin Cross Sections



MAT 4937

(d,t) Levels
0 Kelvin Cross Sections

49-In-117



10

Incident Energy (MeV)

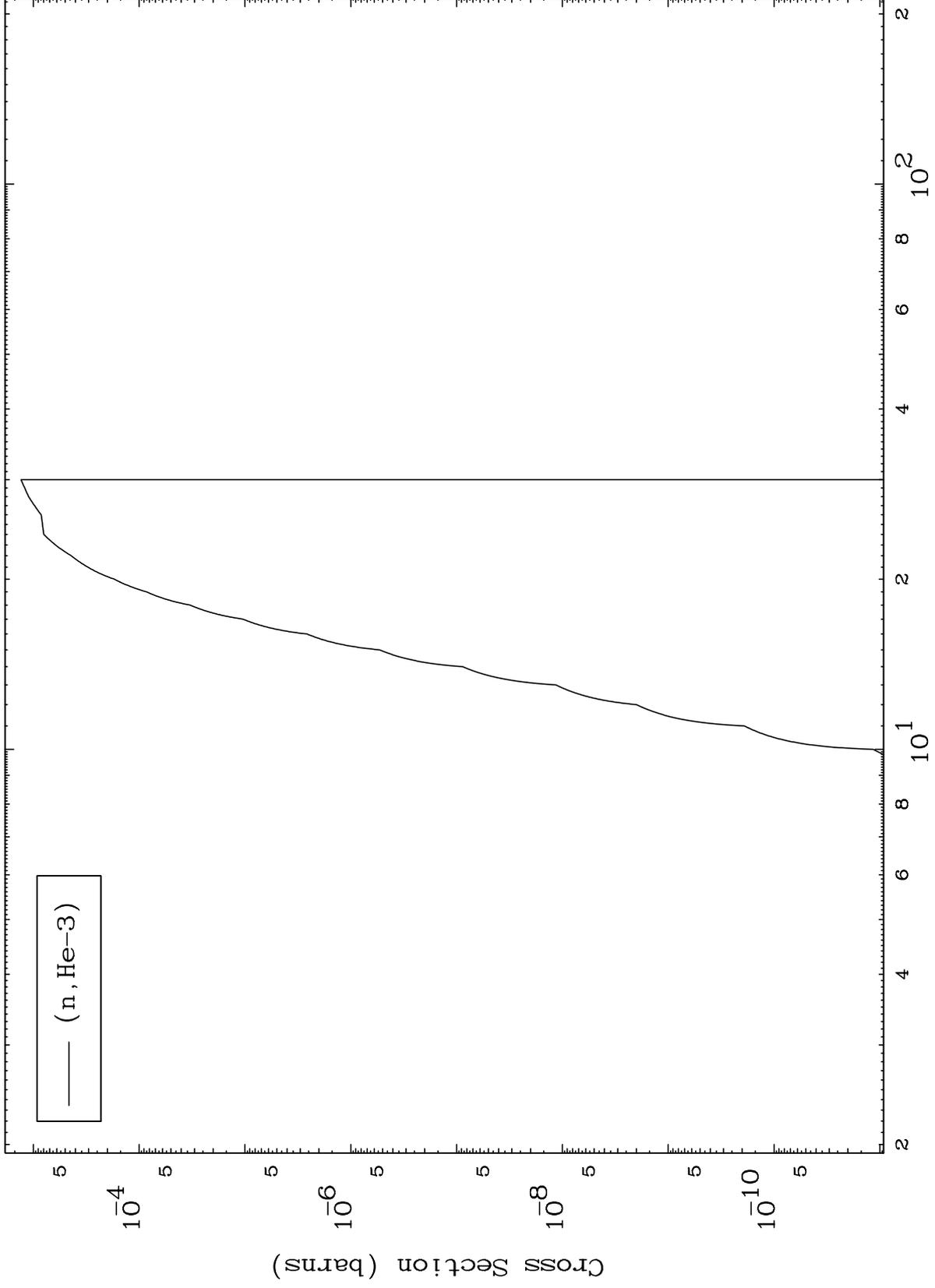
49-In-117

MAT 4937

(d,He3) Levels

49-In-117

0 Kelvin Cross Sections

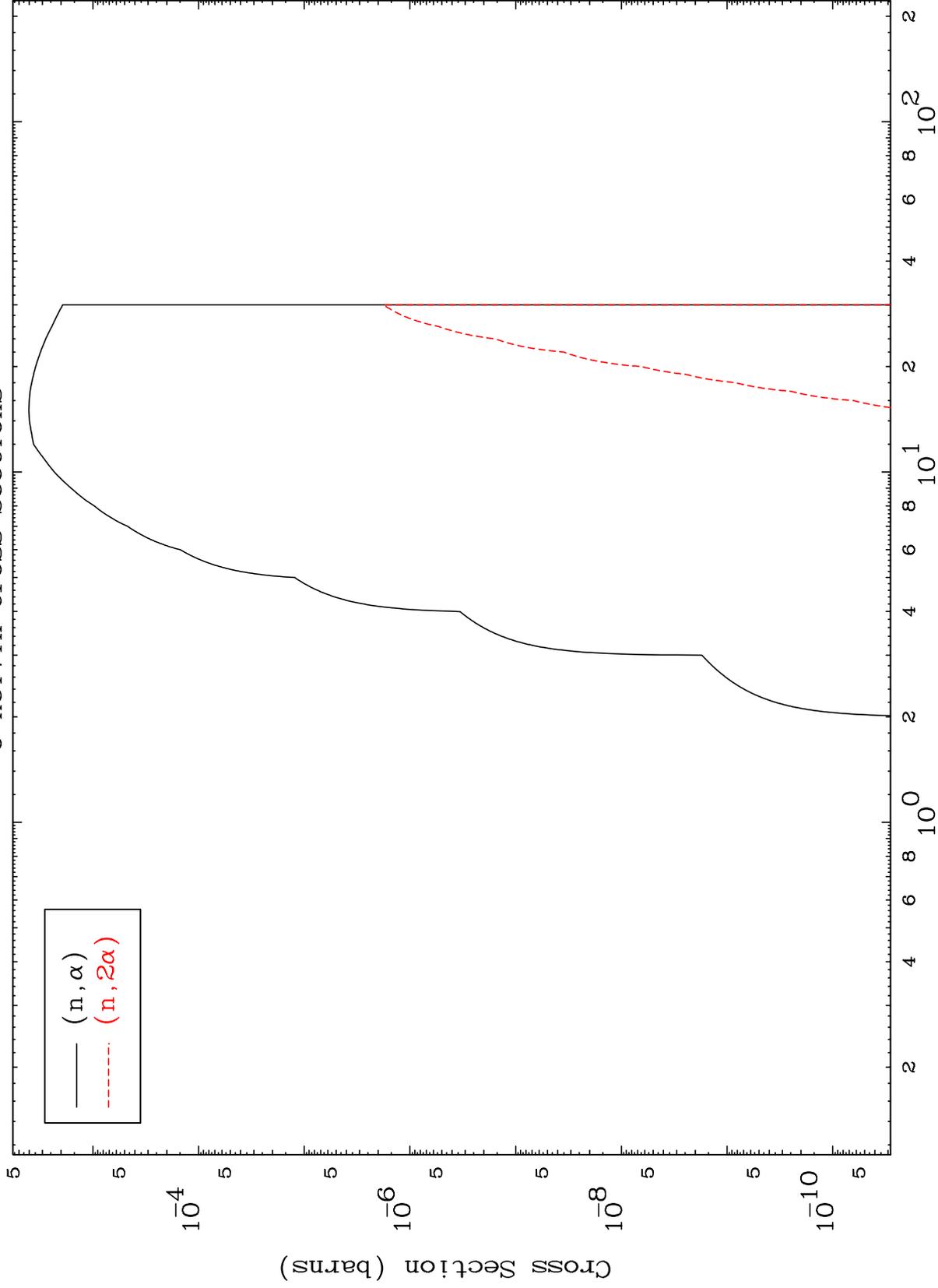


MAT 4937

(d, α) Levels

49-In-117

0 Kelvin Cross Sections



12

Incident Energy (MeV)

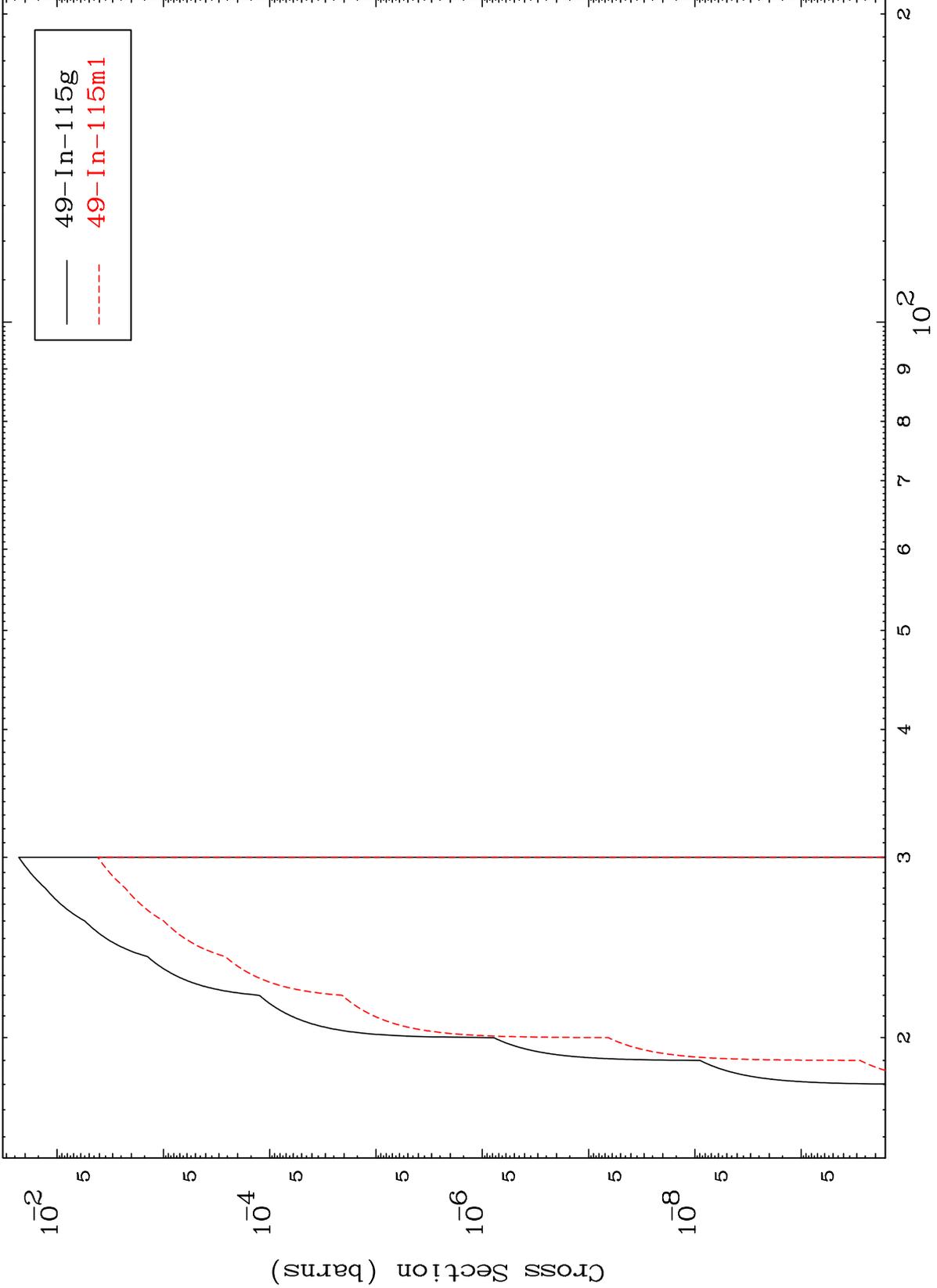
49-In-117

MAT 4937

(n,2n) d

49-In-117

Radionuclide Production Cross Section



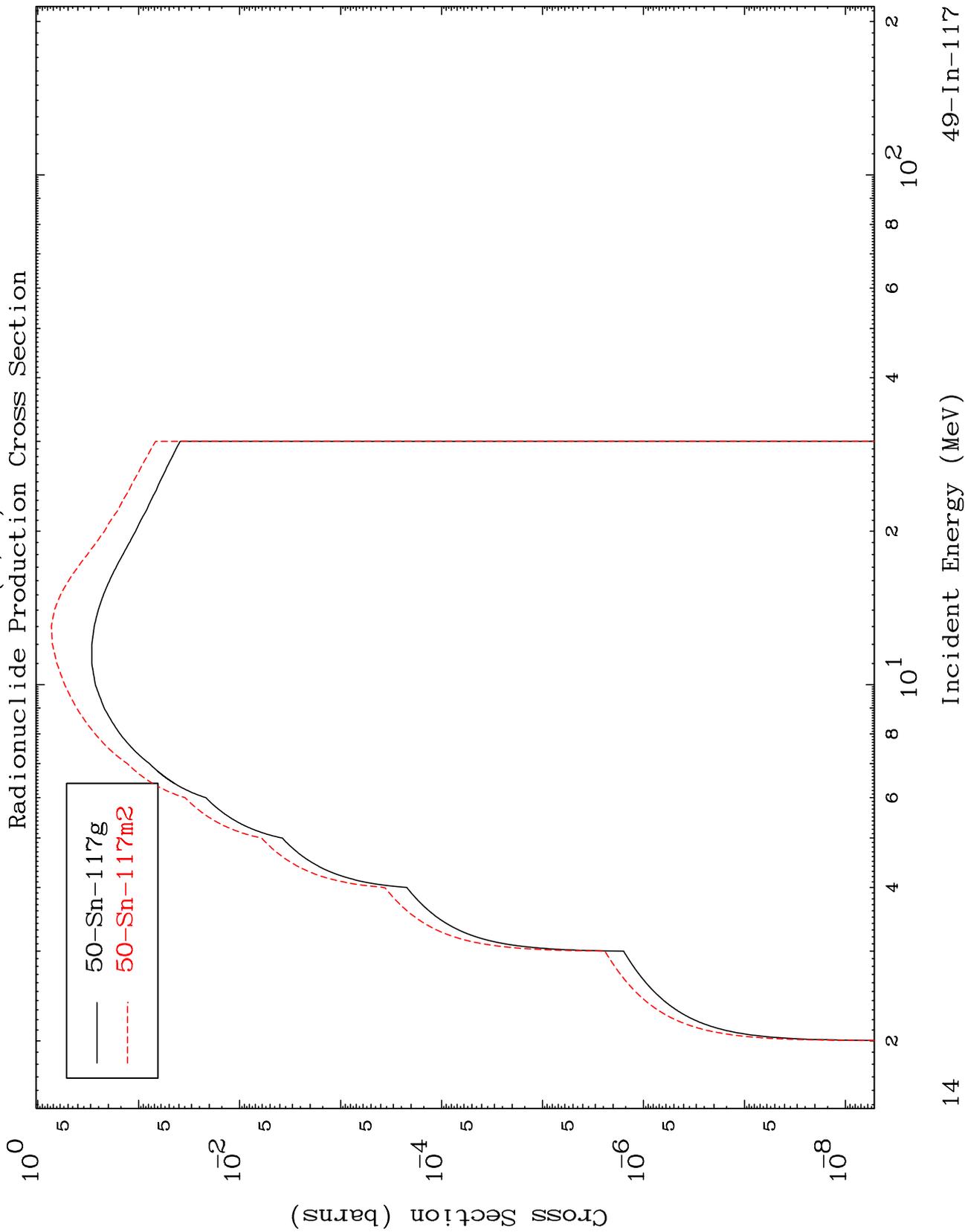
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Incident Energy (MeV)

49-In-117

MAT 4937

49-In-117



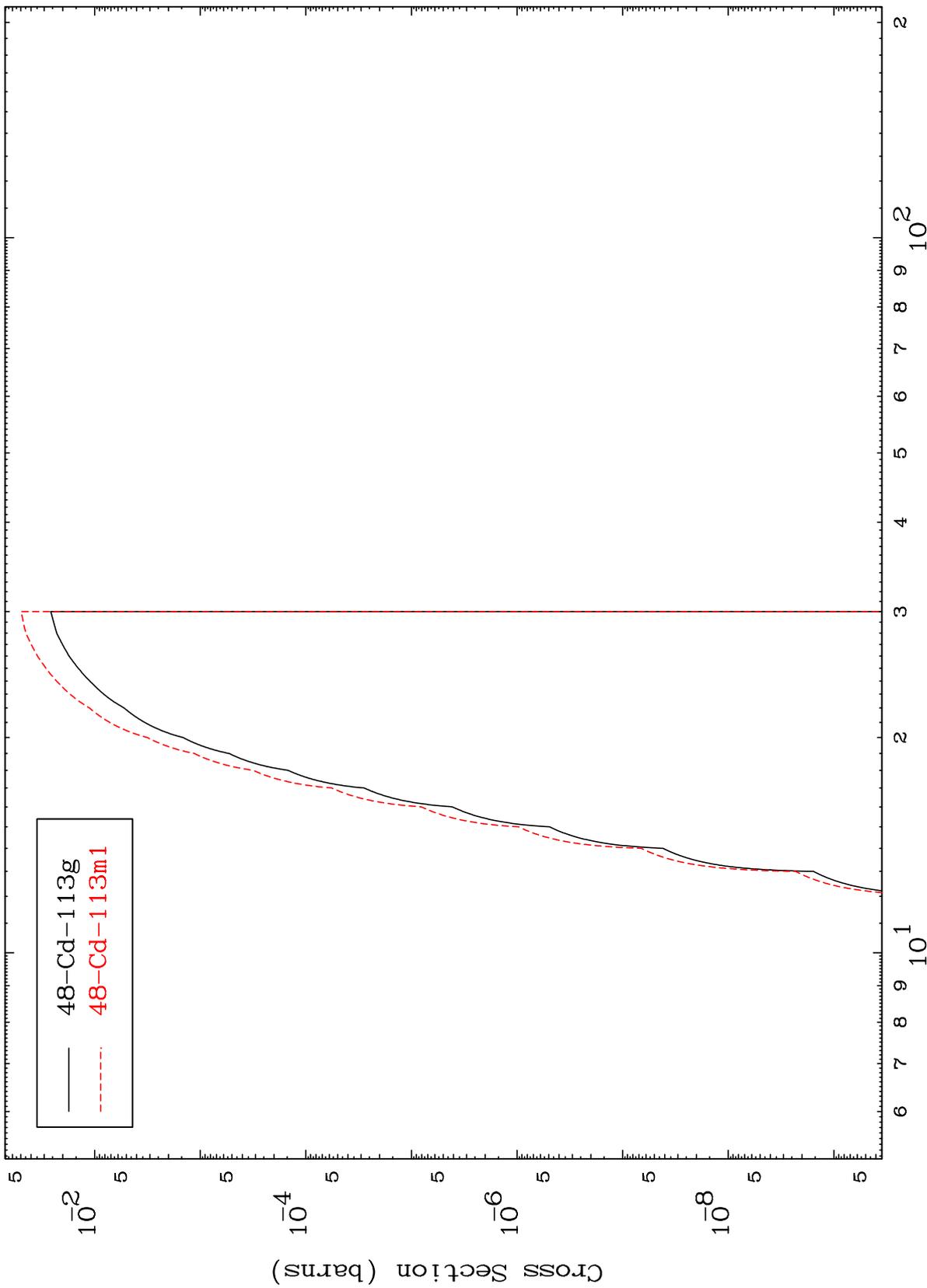
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MAT 4937

49-In-117

(n,2n) α

Radionuclide Production Cross Section



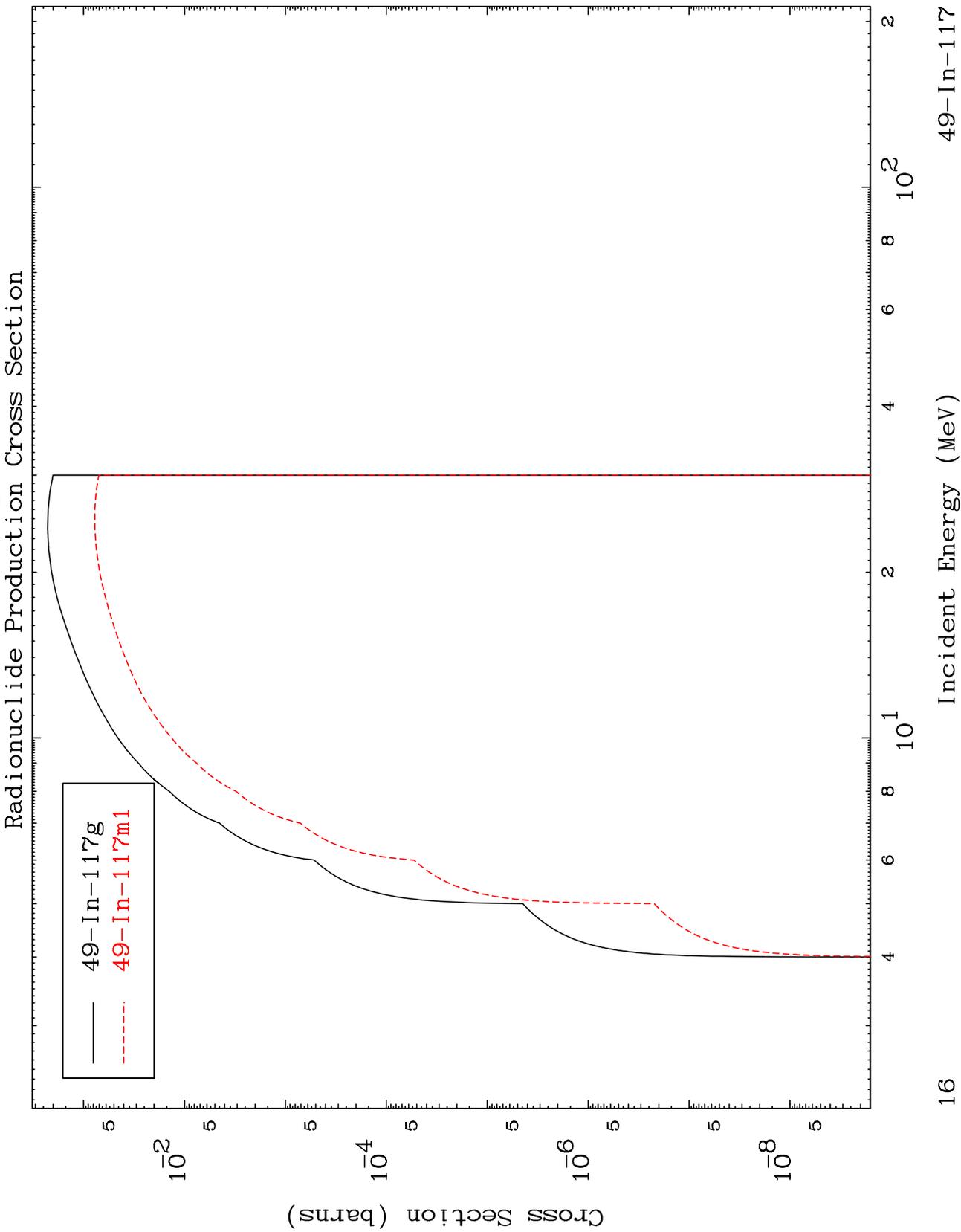
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Incident Energy (MeV)

49-In-117

MAT 4937

49-In-117

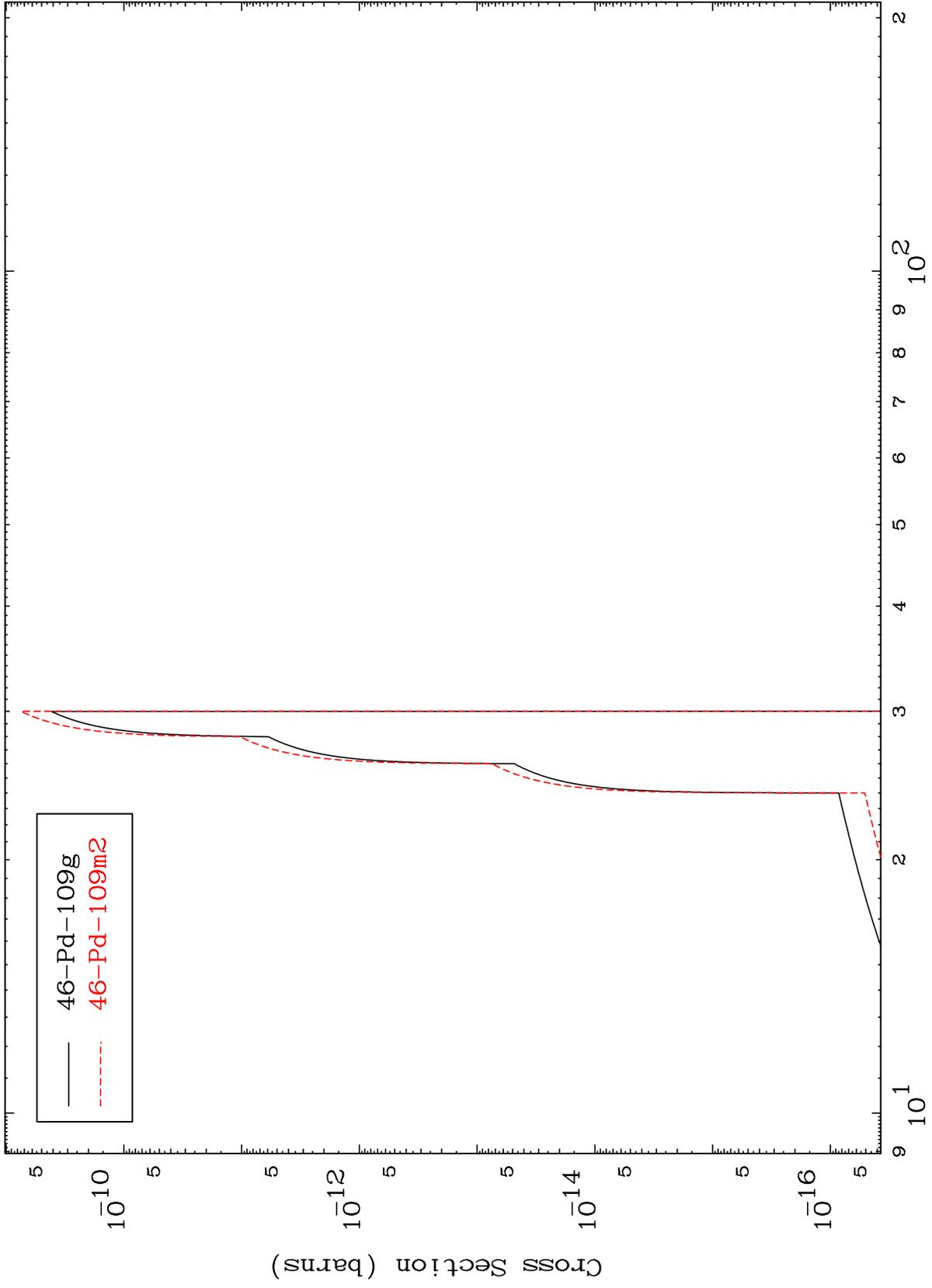


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(n,2n) 2α

49-In-117

Radionuclide Production Cross Section



17

Incident Energy (MeV)

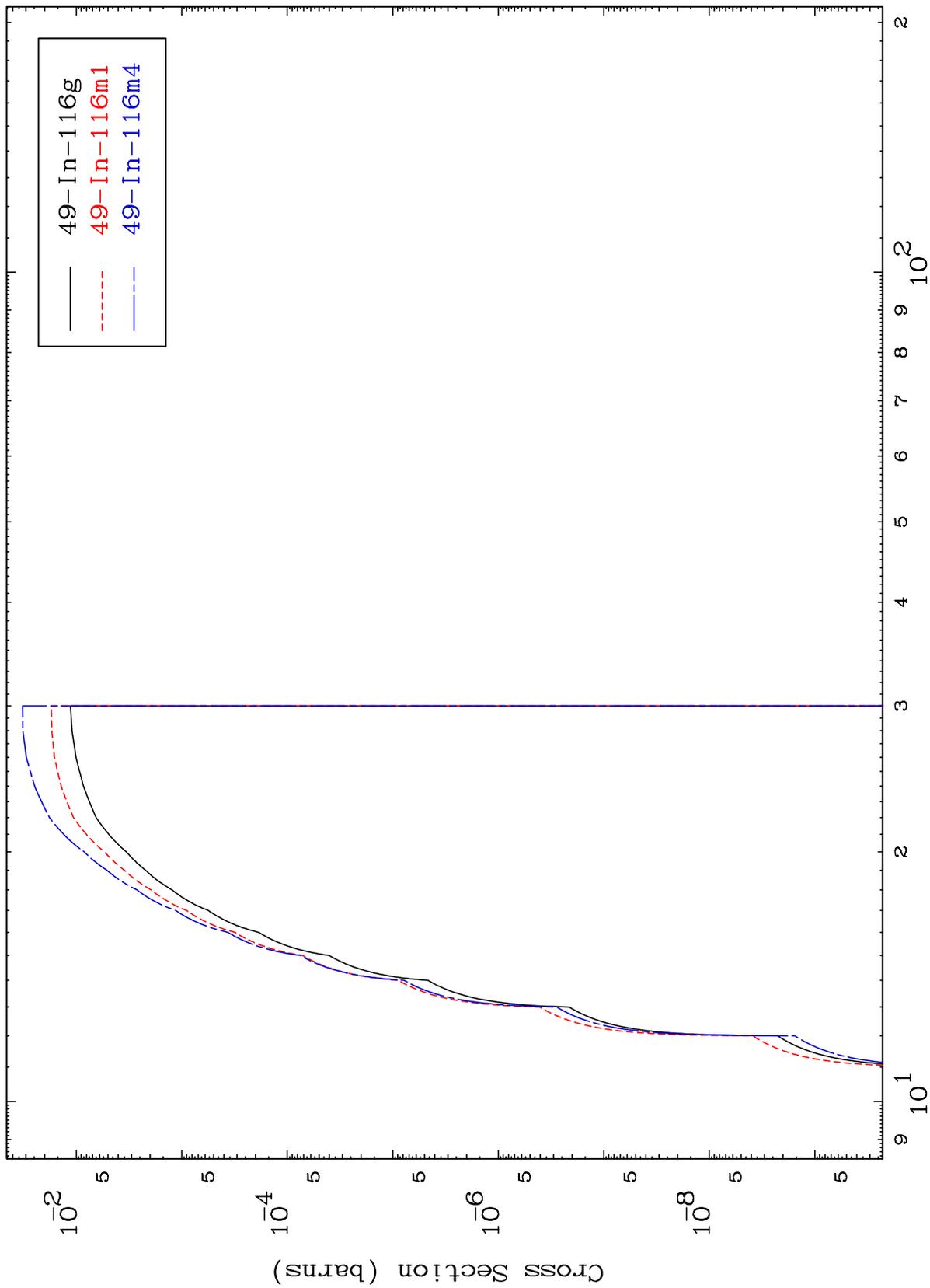
49-In-117

MAT 4937

(n,n') d

49-In-117

Radionuclide Production Cross Section



18

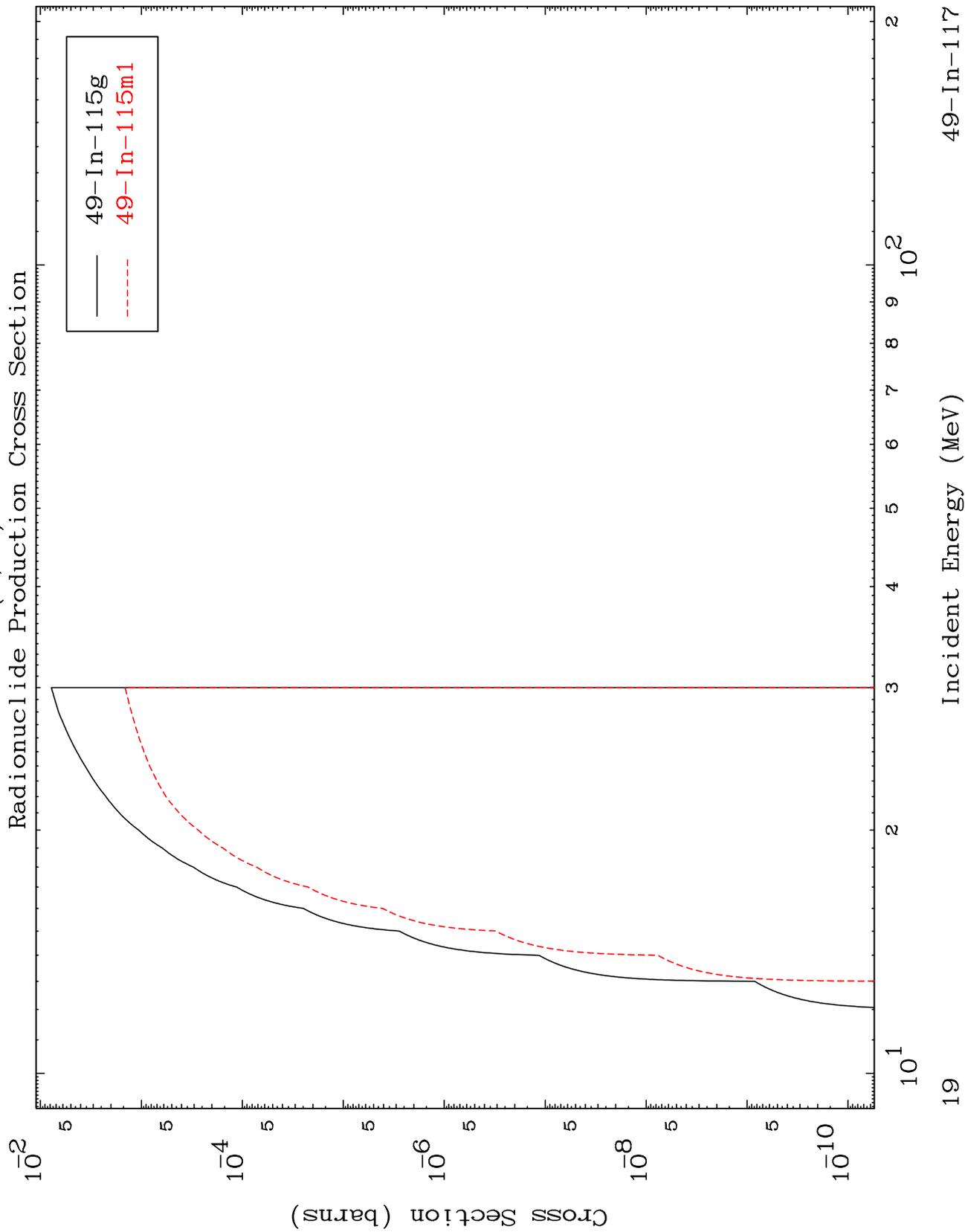
Incident Energy (MeV)

49-In-117

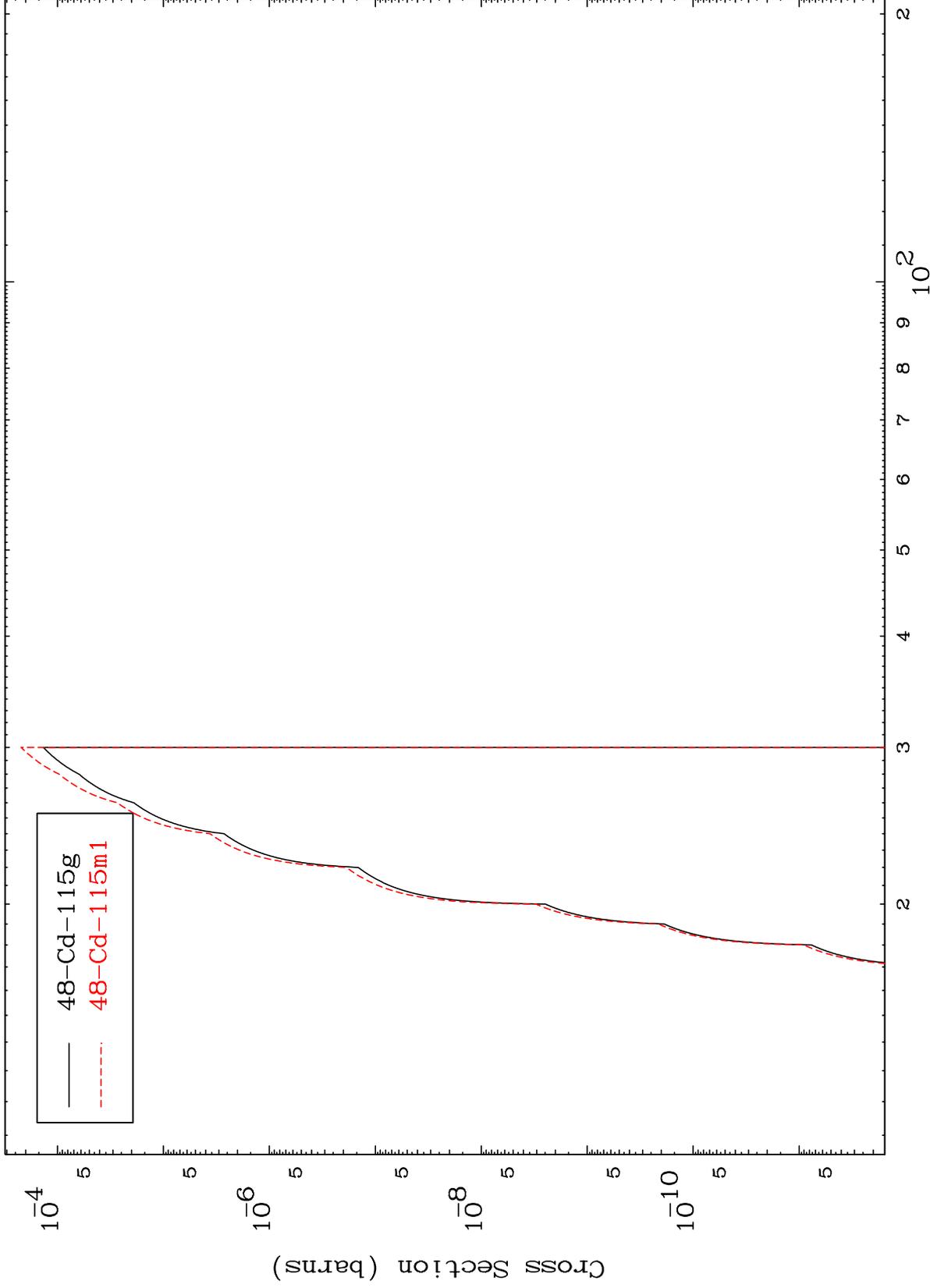
MAT 4937

(n,n') t

49-In-117



Radionuclide Production Cross Section

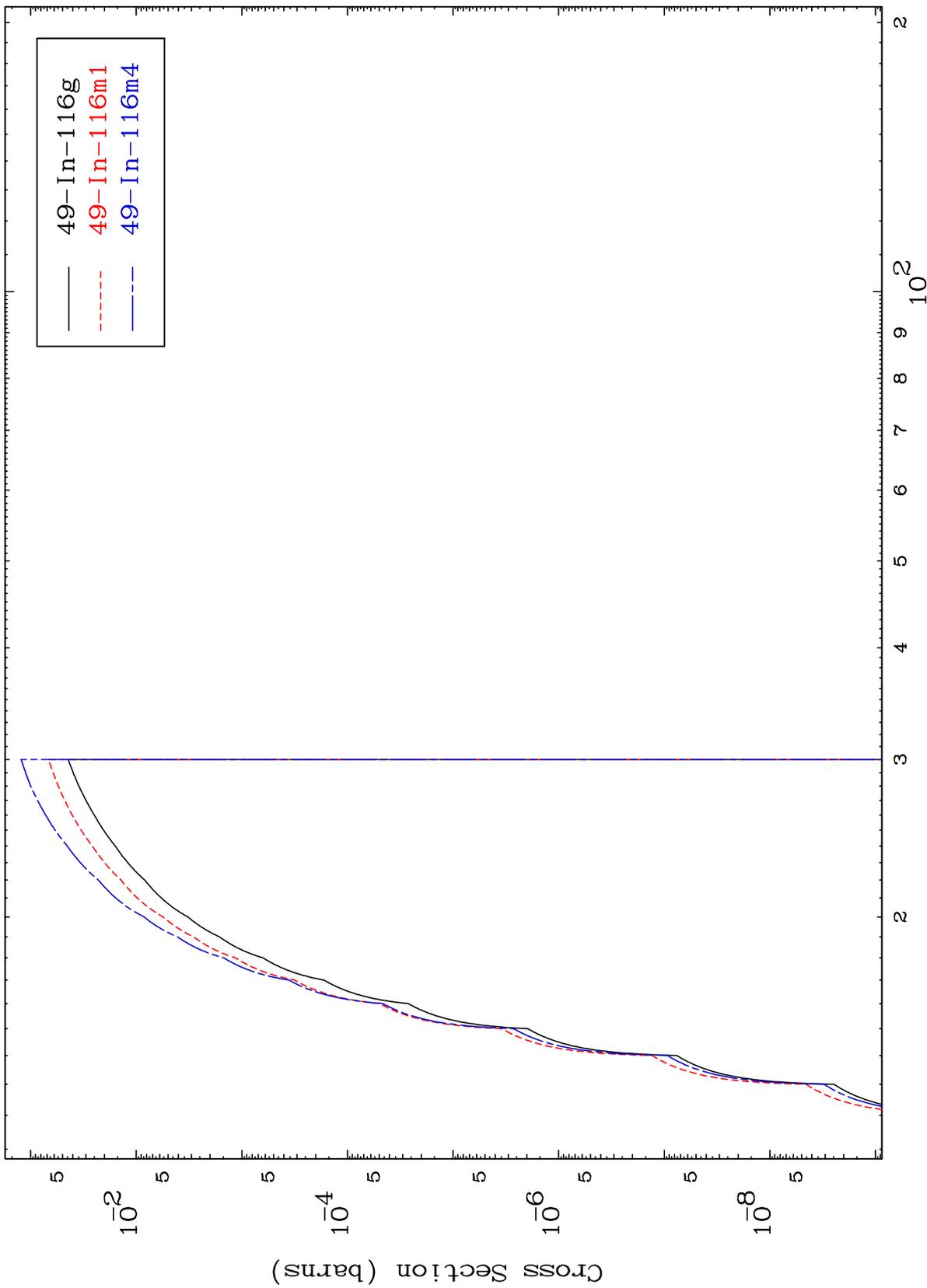


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(n,2n) p

49-In-117

Radionuclide Production Cross Section



21

Incident Energy (MeV)

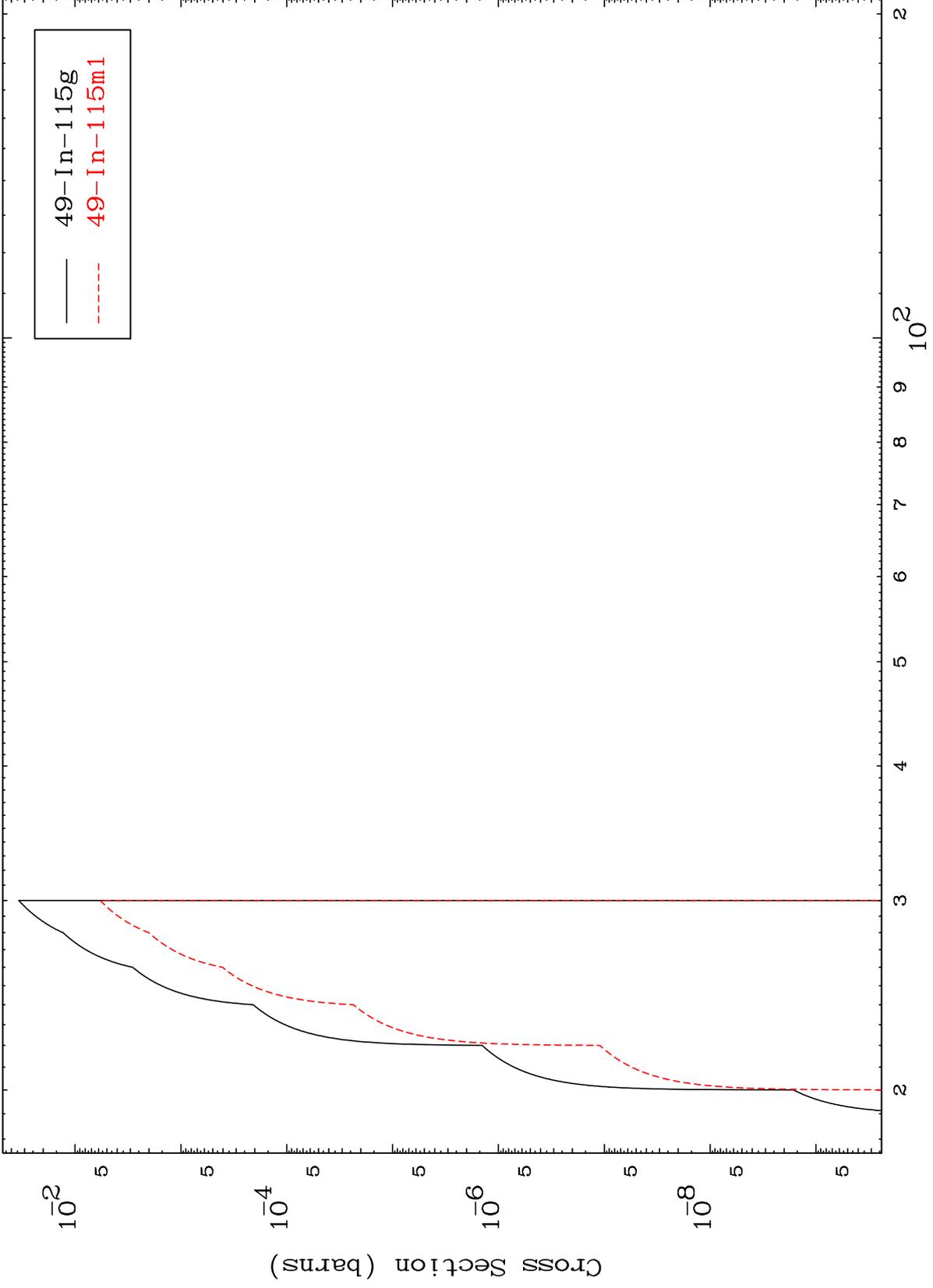
49-In-117

MAT 4937

(n,3n) p

49-In-117

Radionuclide Production Cross Section



22

Incident Energy (MeV)

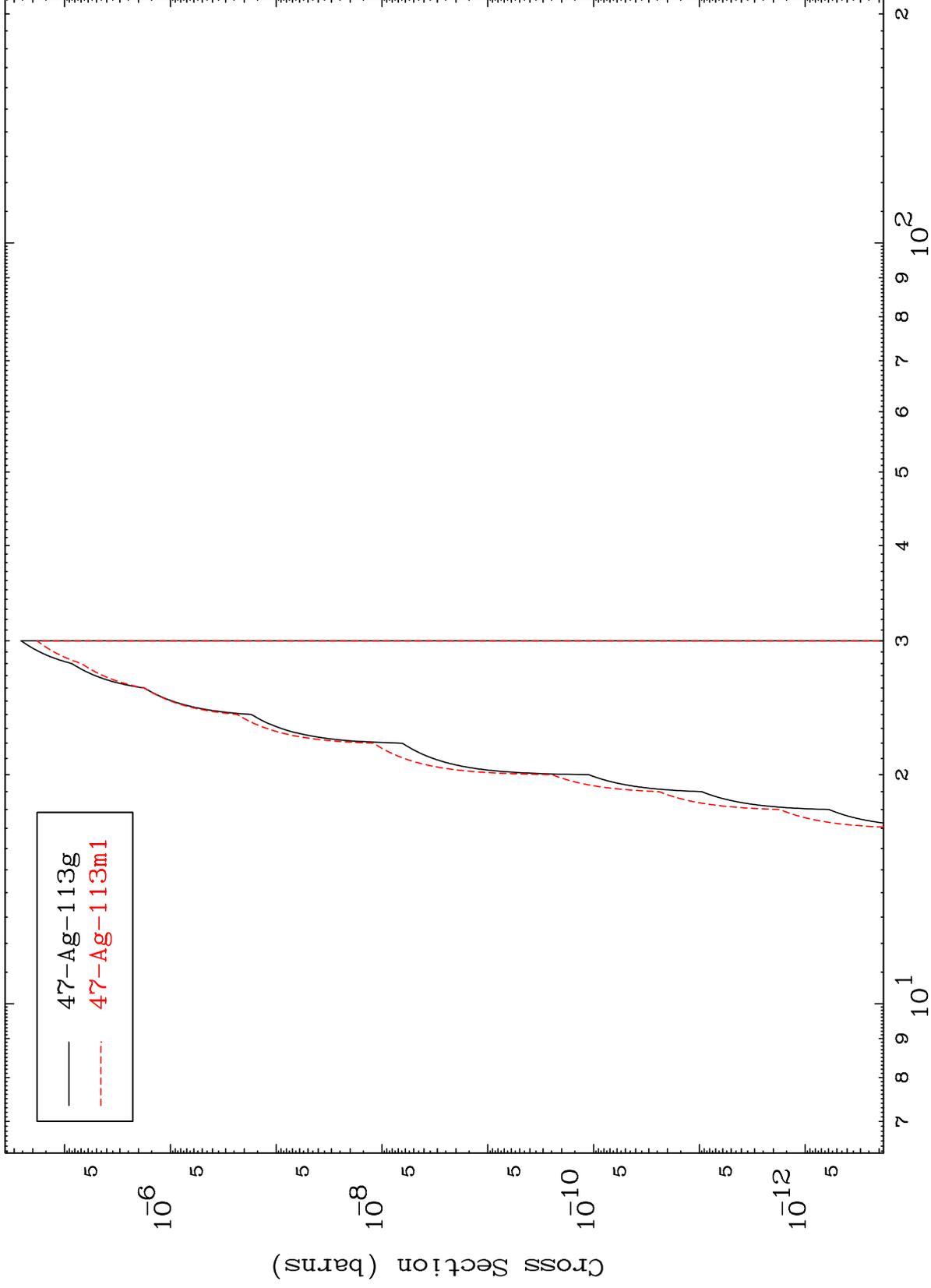
49-In-117

MAT 4937

(n,n') p α

49-In-117

Radionuclide Production Cross Section



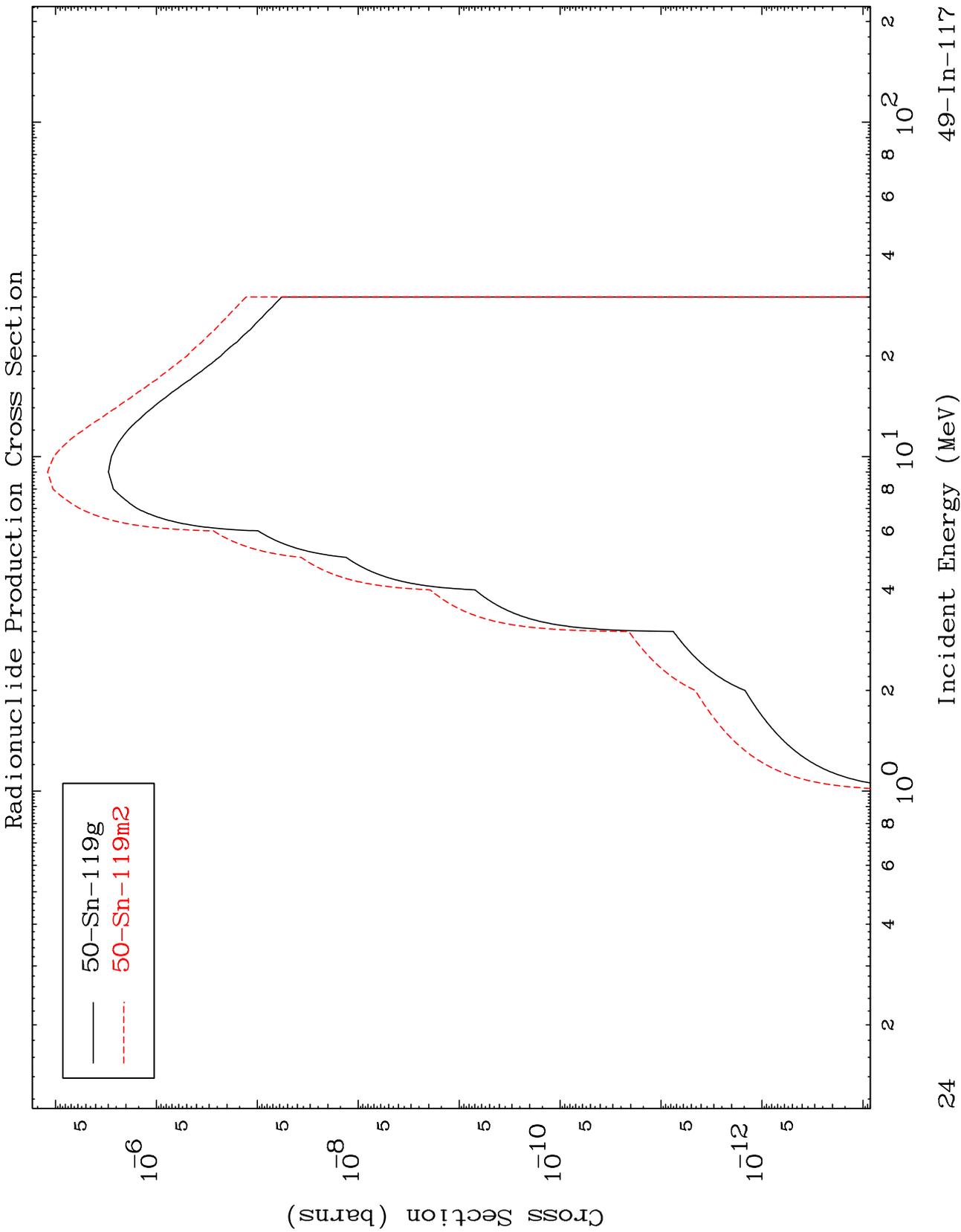
23

Incident Energy (MeV)

49-In-117

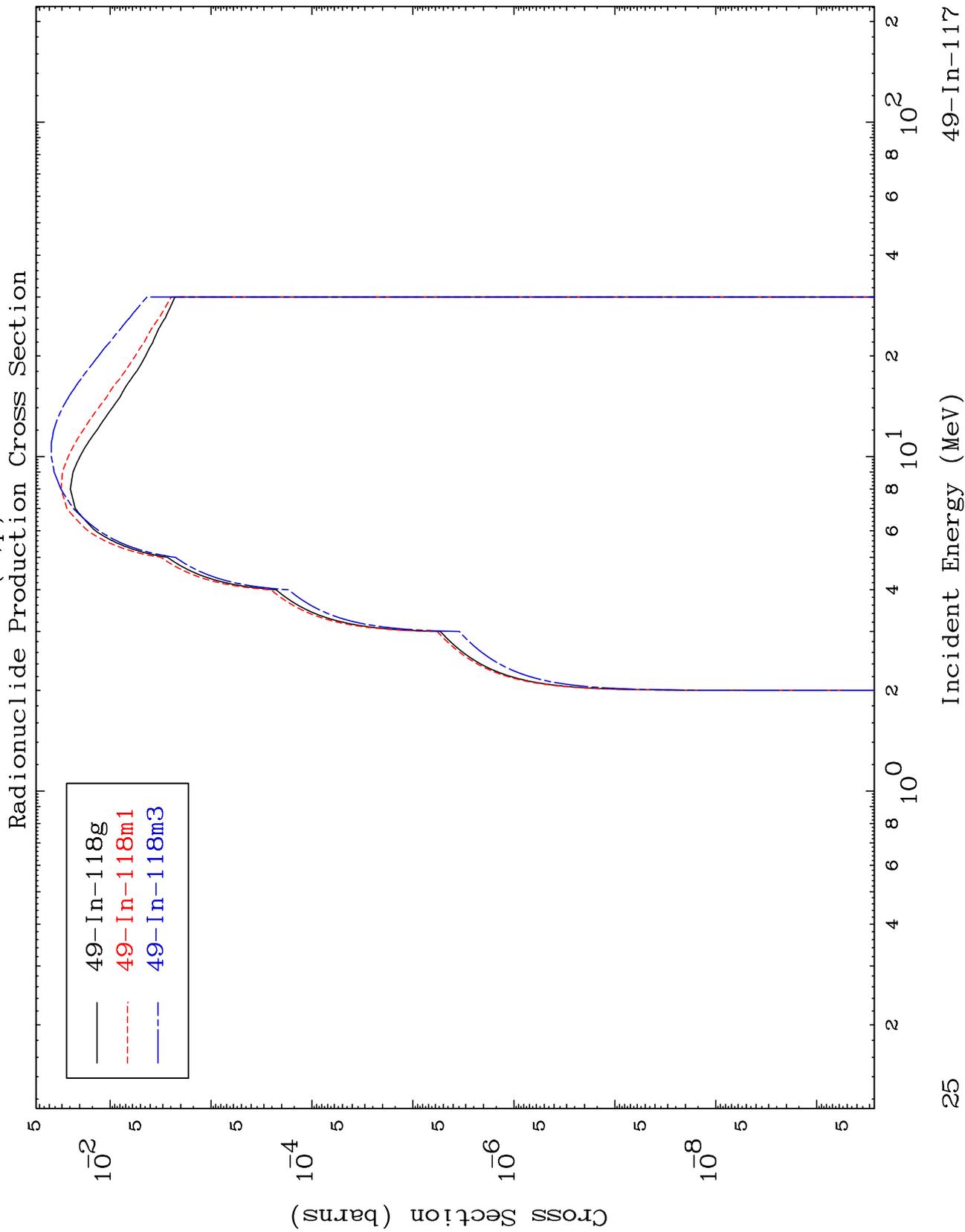
MAT 4937

49-In-117



MAT 4937

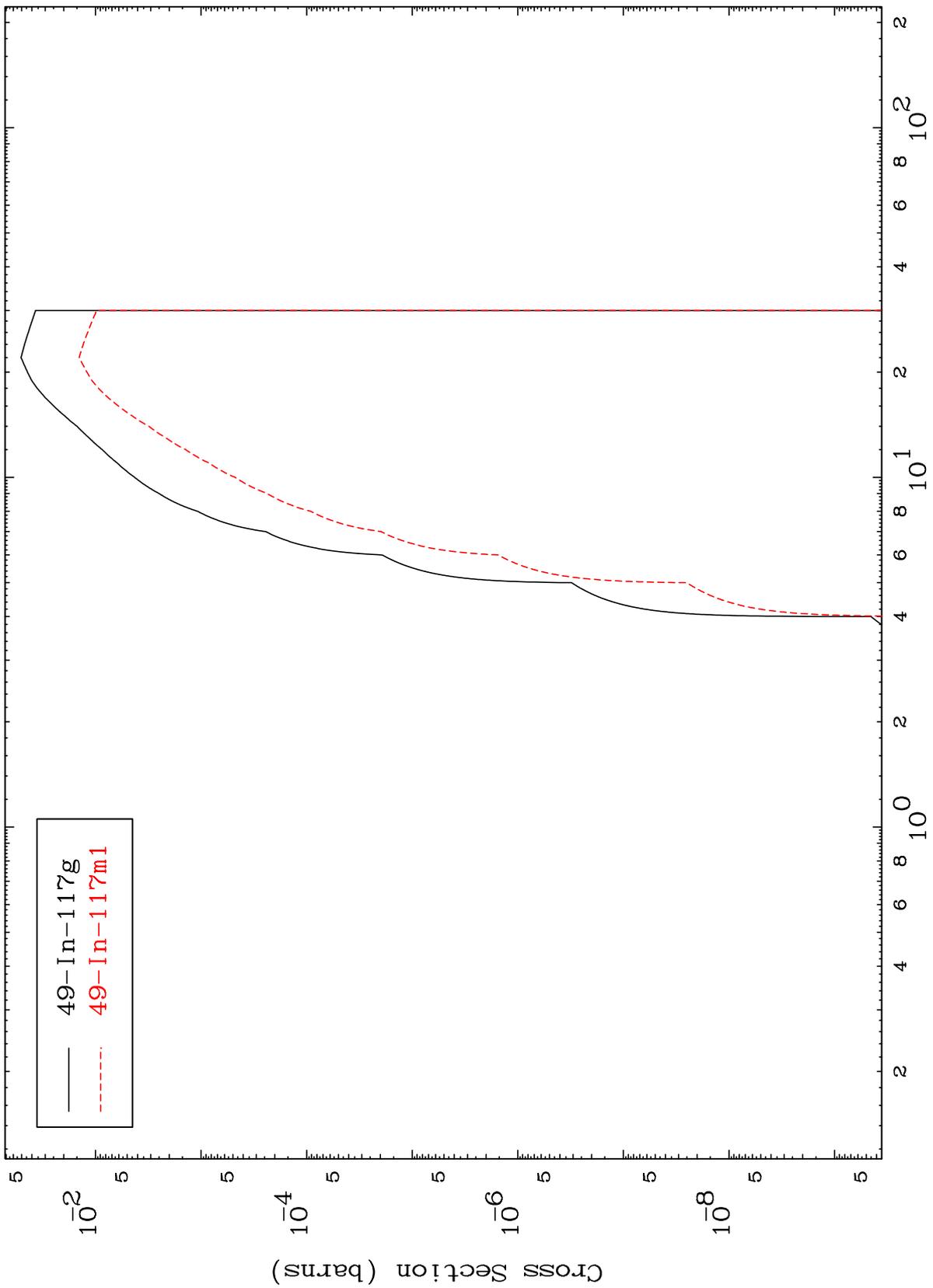
49-In-117



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49-In-117

(n,d)
Radionuclide Production Cross Section



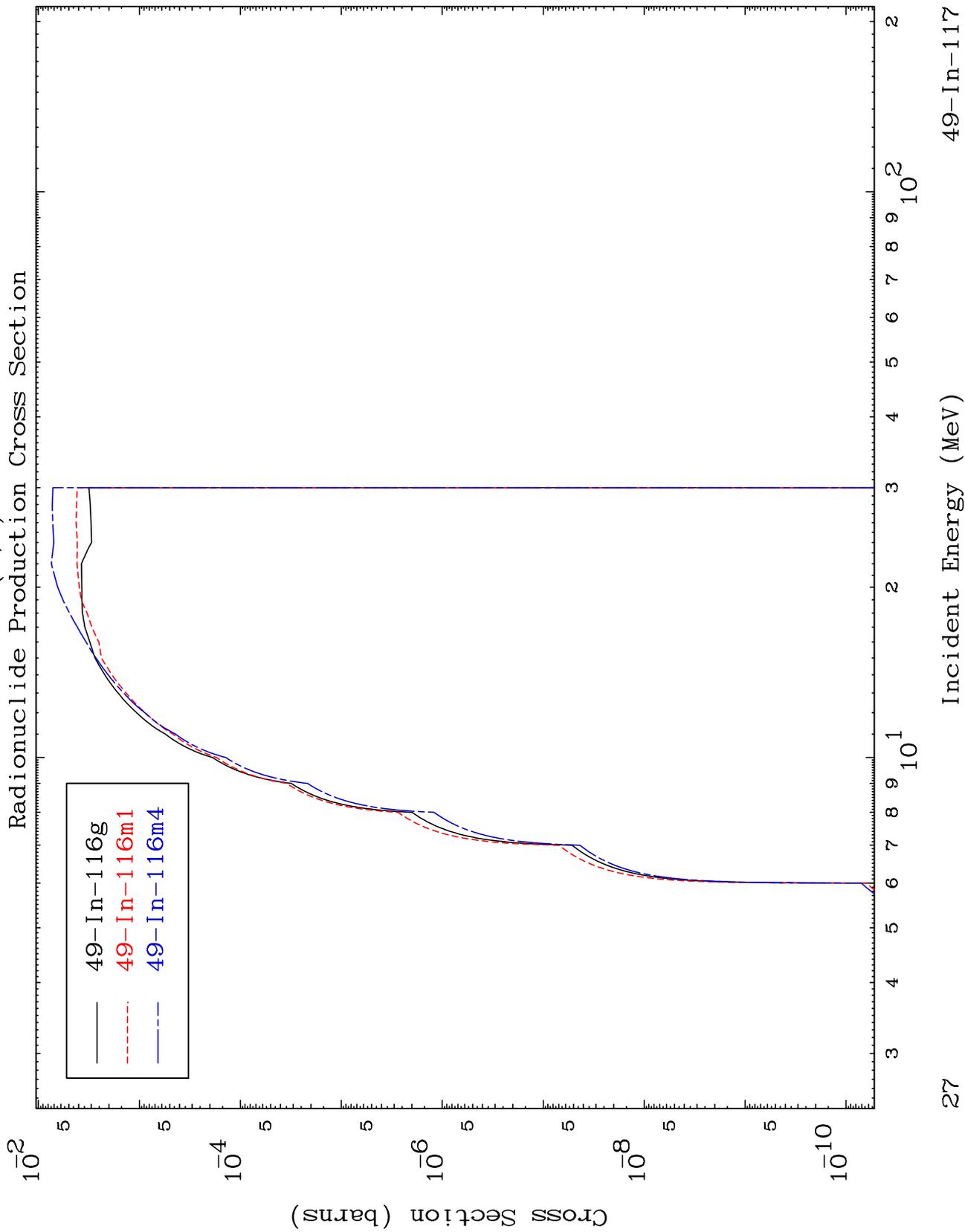
49-In-117

Incident Energy (MeV)

26

MAT 4937

49-In-117



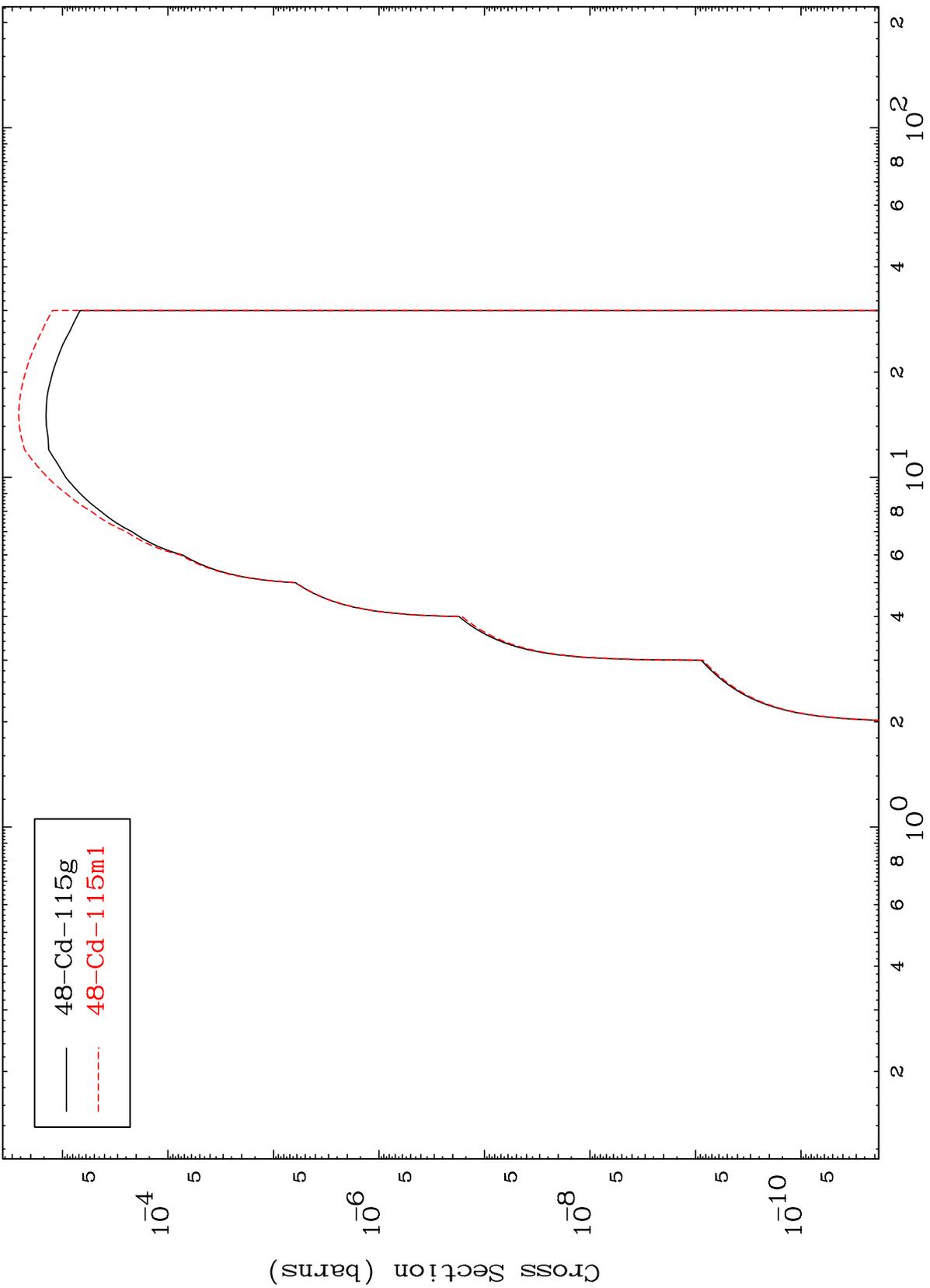
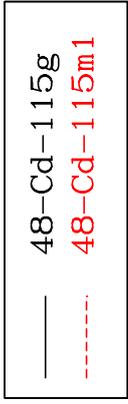
27

49-In-117

MAT 4937

49-In-117

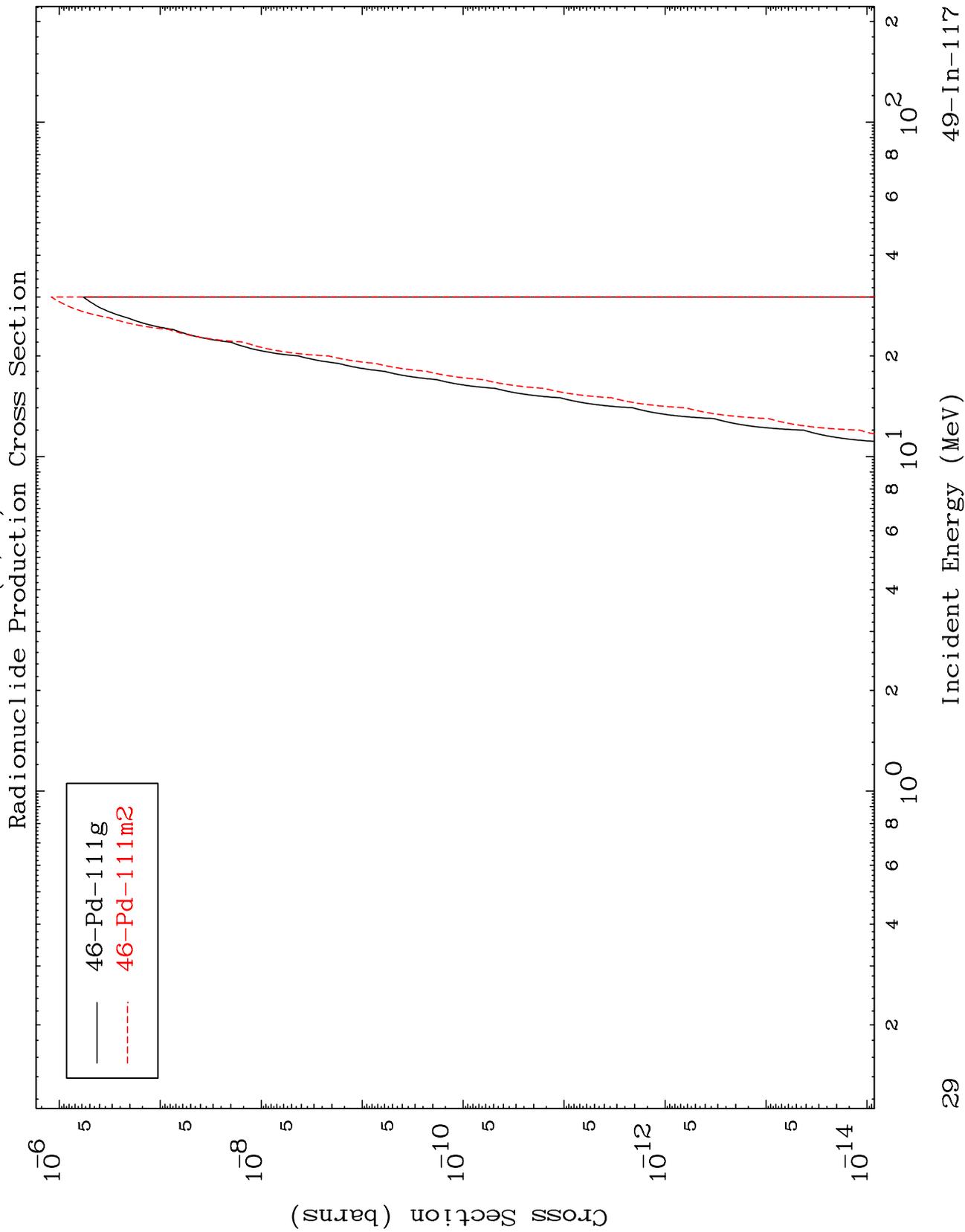
Radionuclide Production Cross Section



MAT 4937

49-In-117

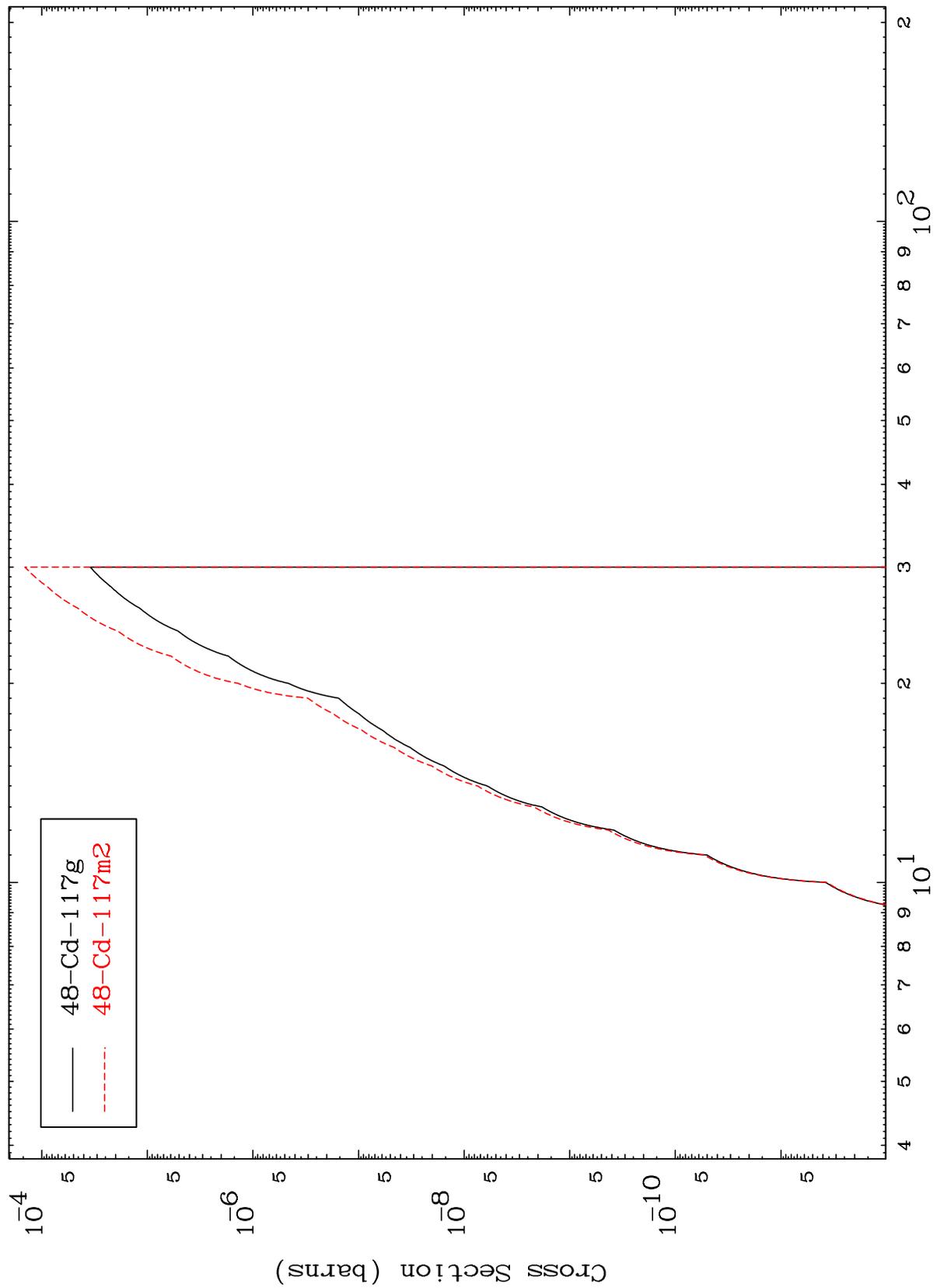
(n,2α)



MAT 4937

49-In-117

(n,2p)
Radionuclide Production Cross Section



— 48-Cd-117g
- - - 48-Cd-117m2

49-In-117

Incident Energy (MeV)

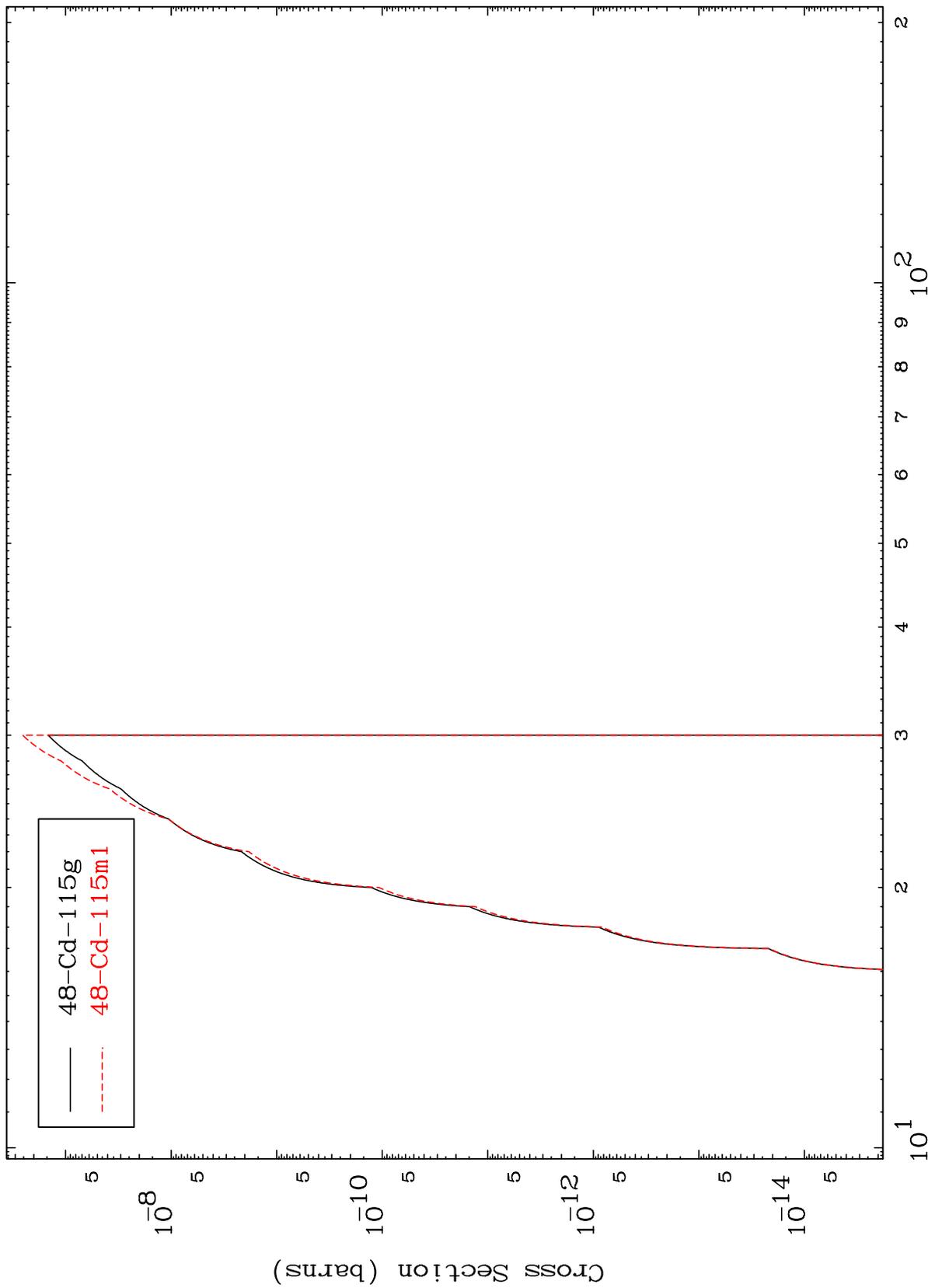
30

MAT 4937

(n,p) t

49-In-117

Radionuclide Production Cross Section



48-Cd-115g
48-Cd-115m1

Incident Energy (MeV)

49-In-117

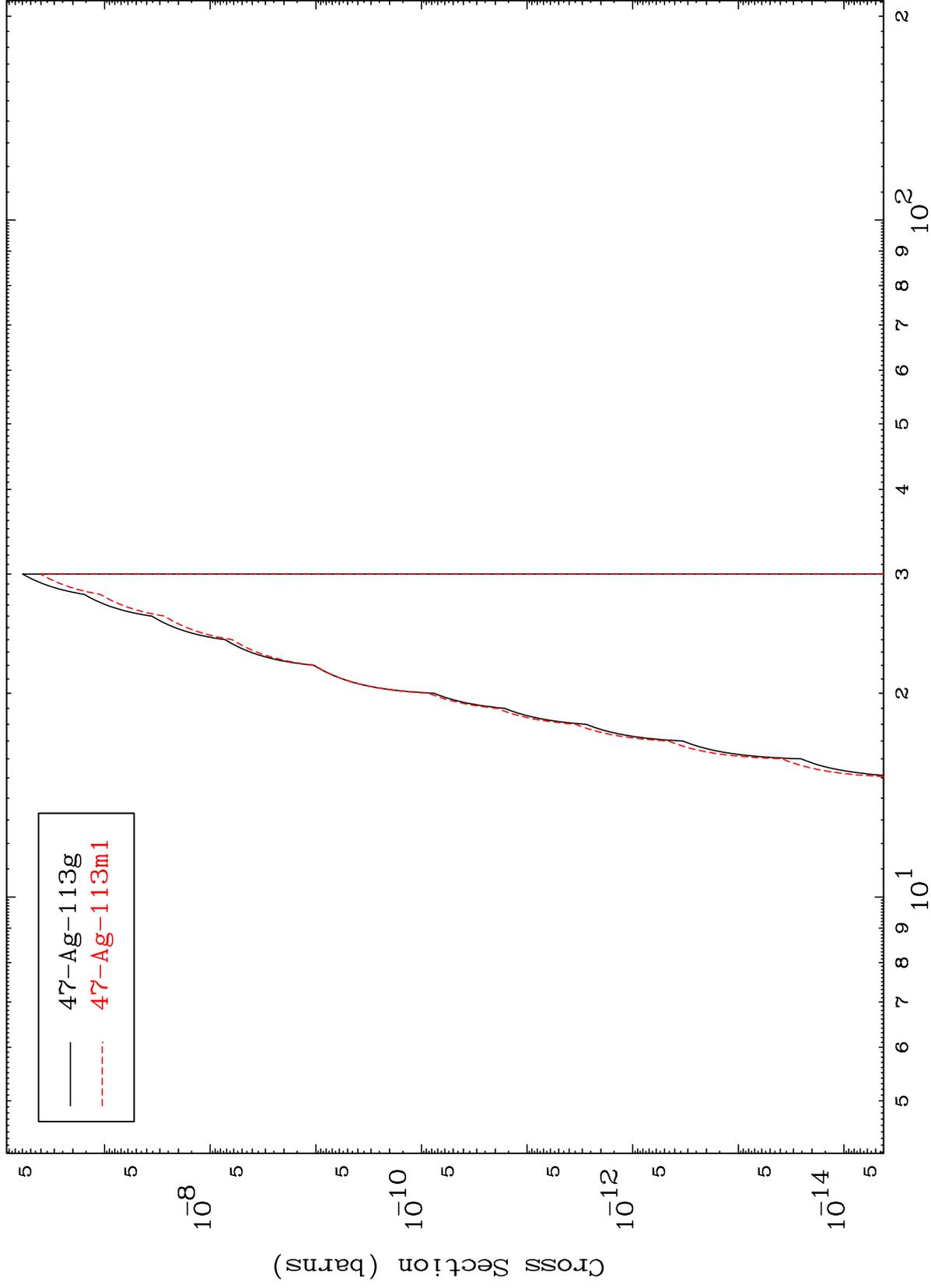
31

MAT 4937

(n,d) α

49-In-117

Radionuclide Production Cross Section



32

Incident Energy (MeV)

49-In-117