

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

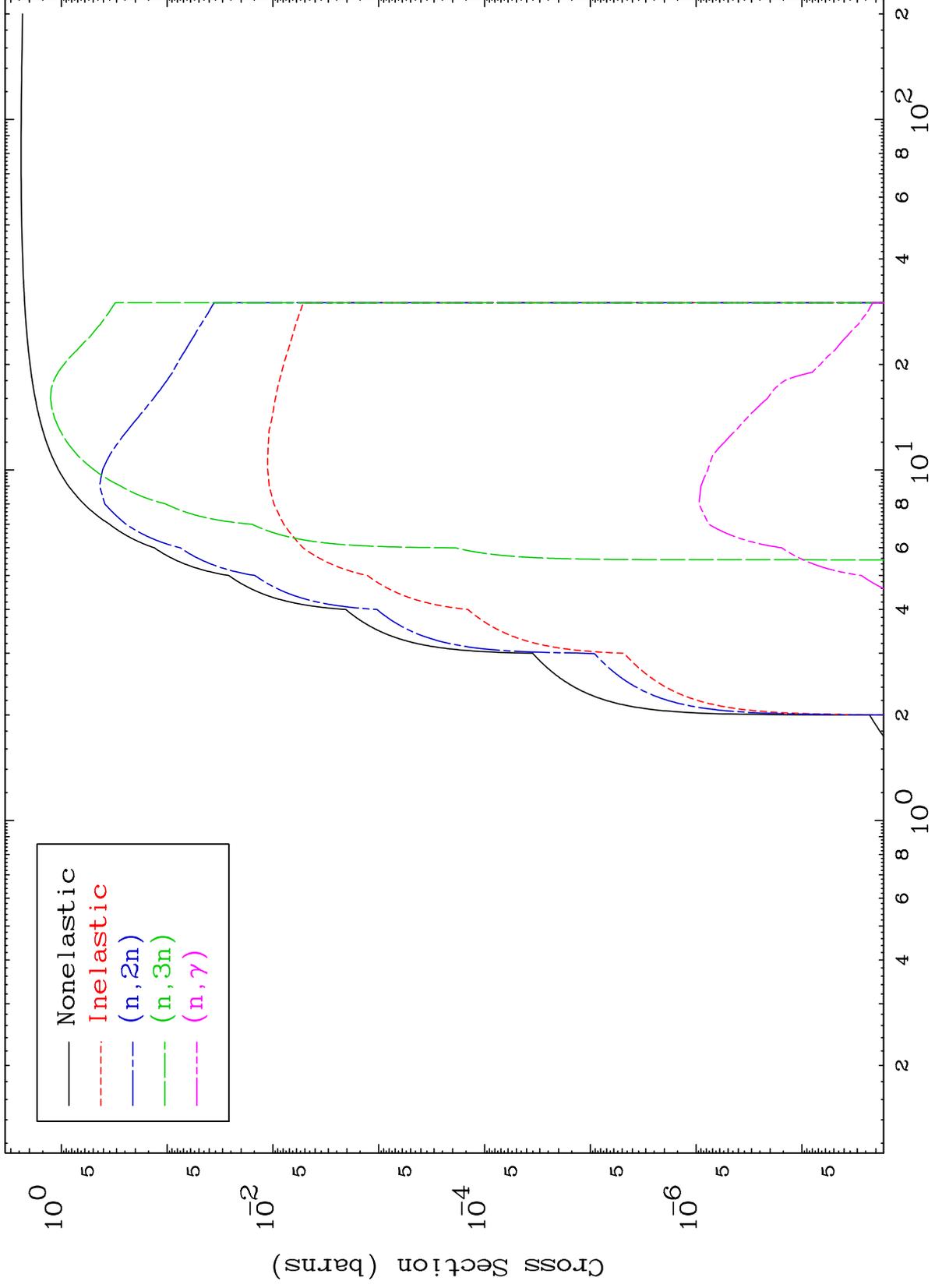
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

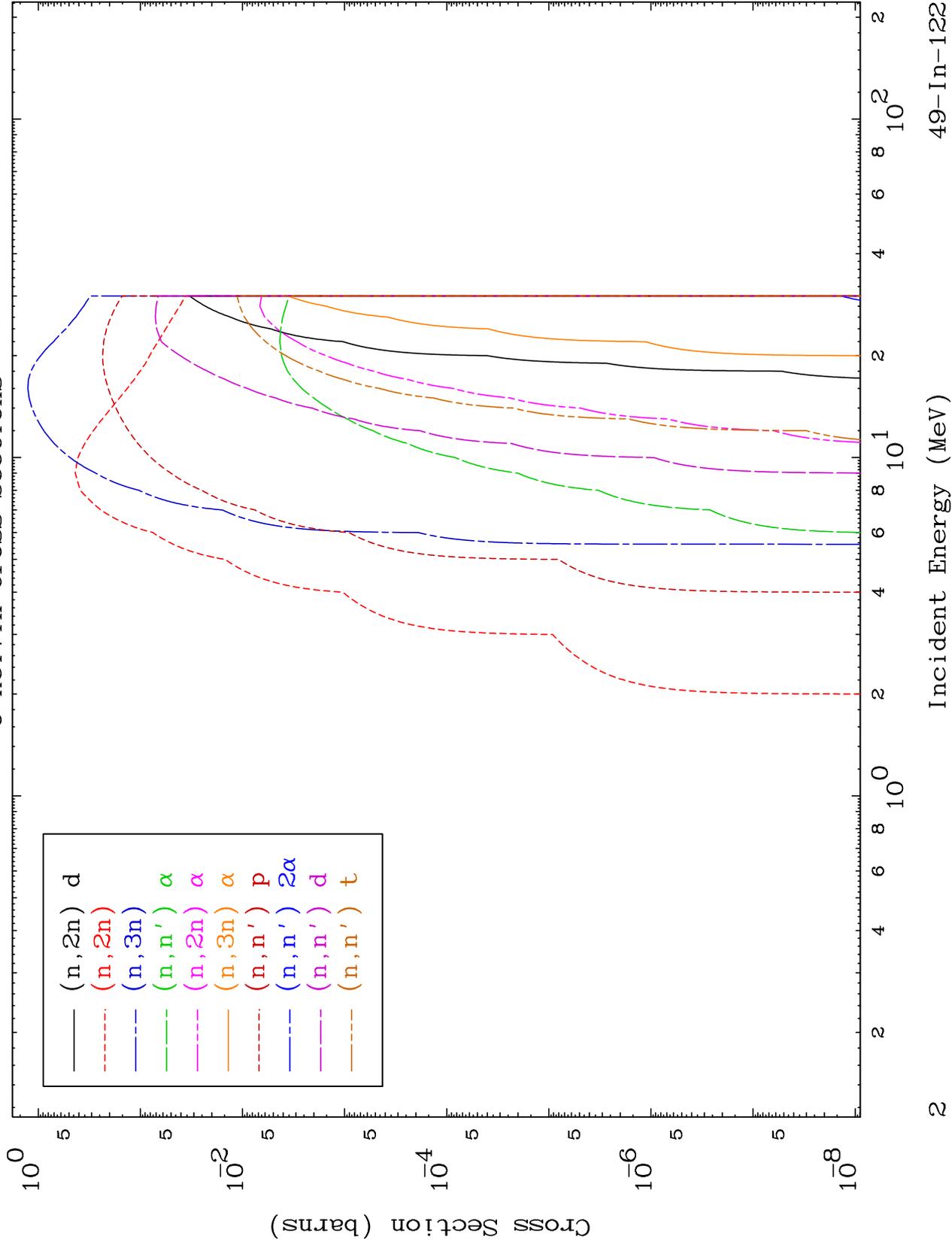
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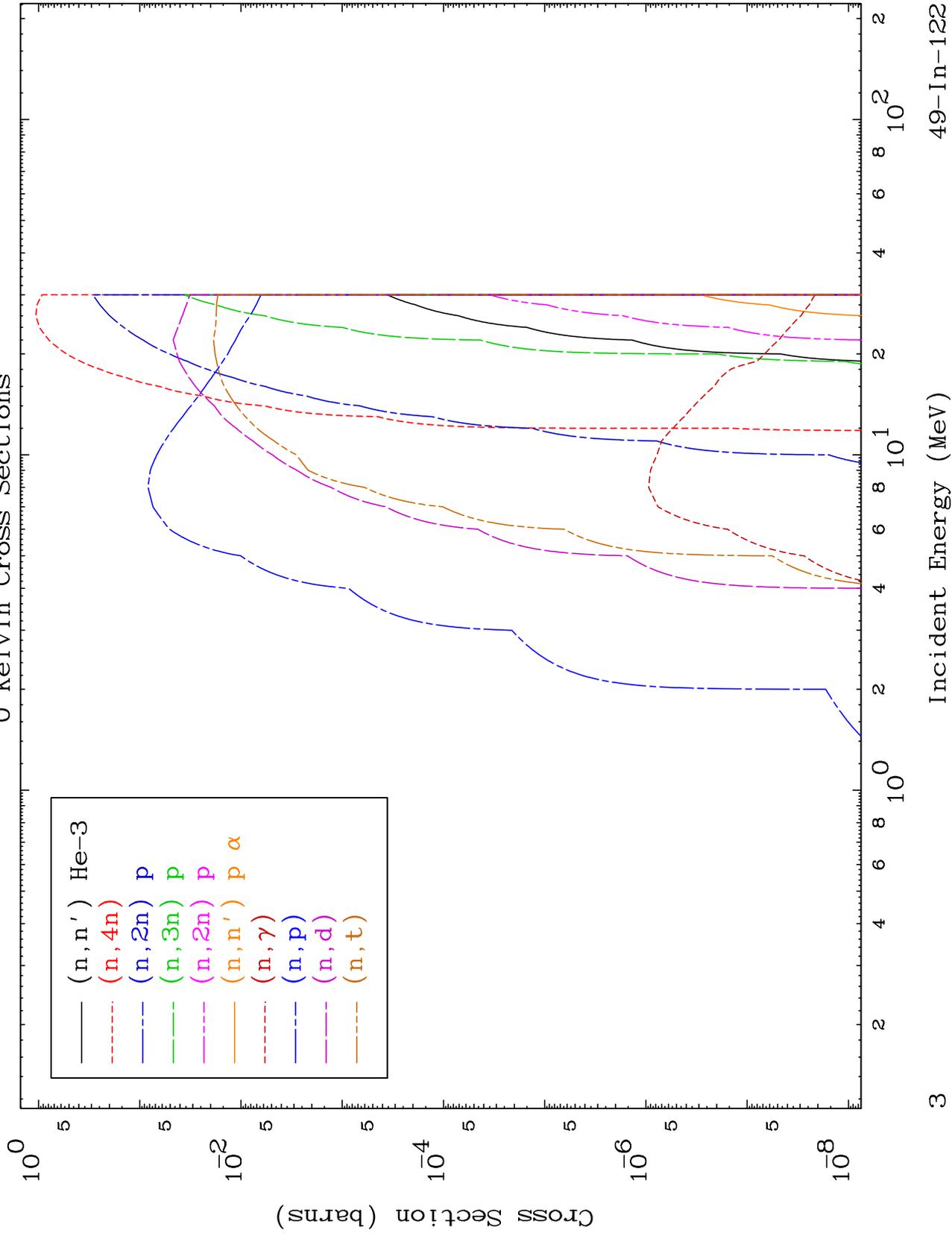
E.Mail:redcullen1@comcast.net

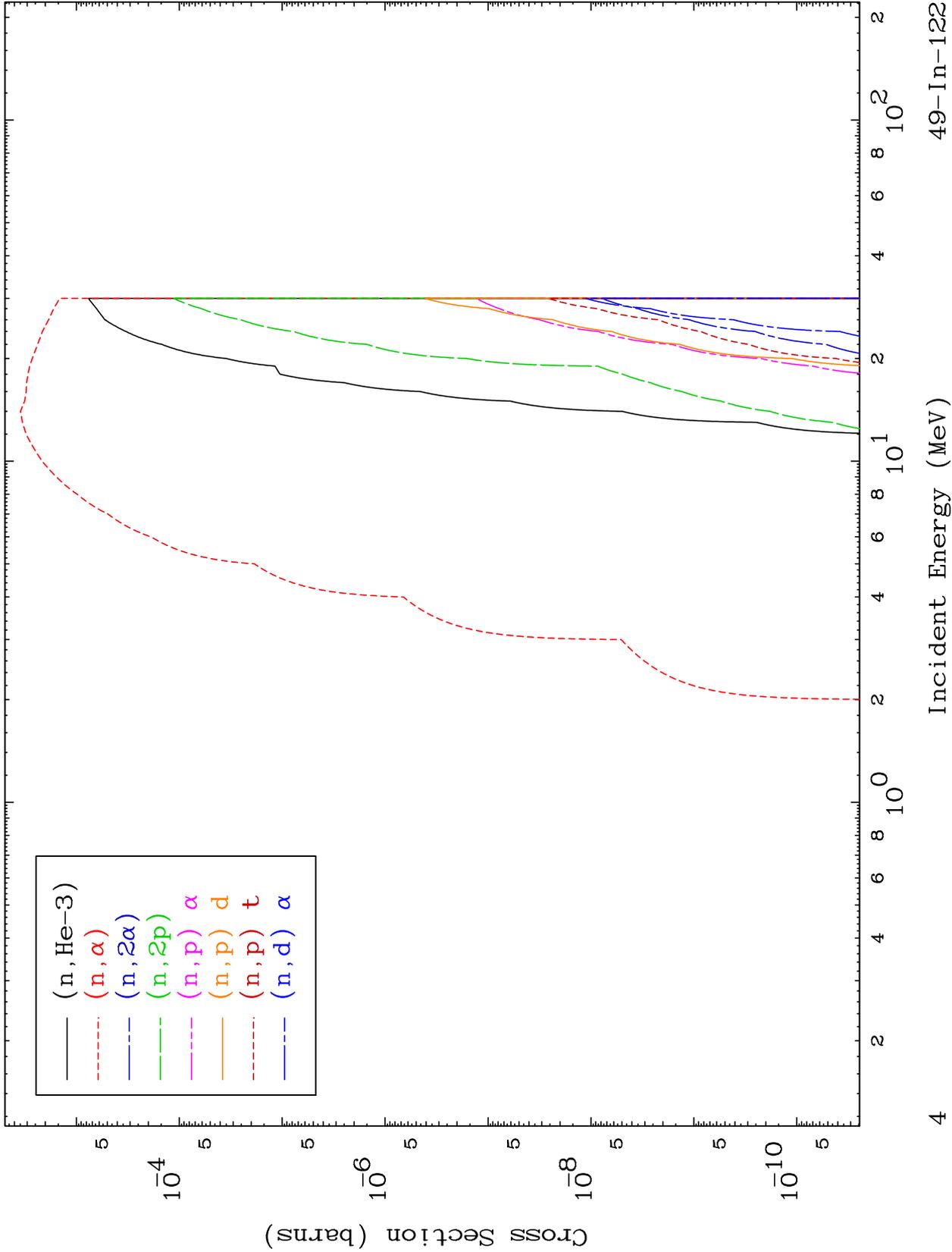
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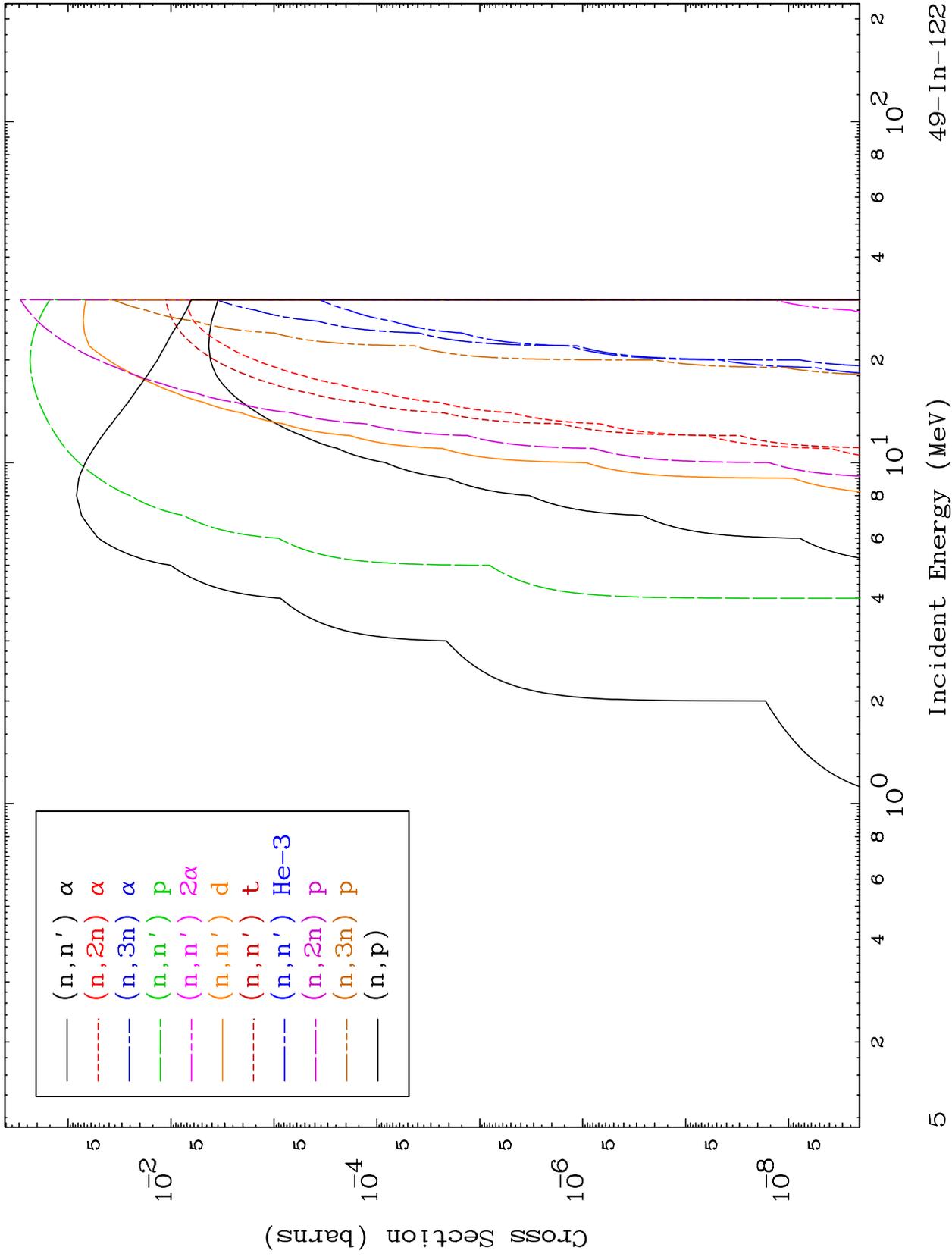
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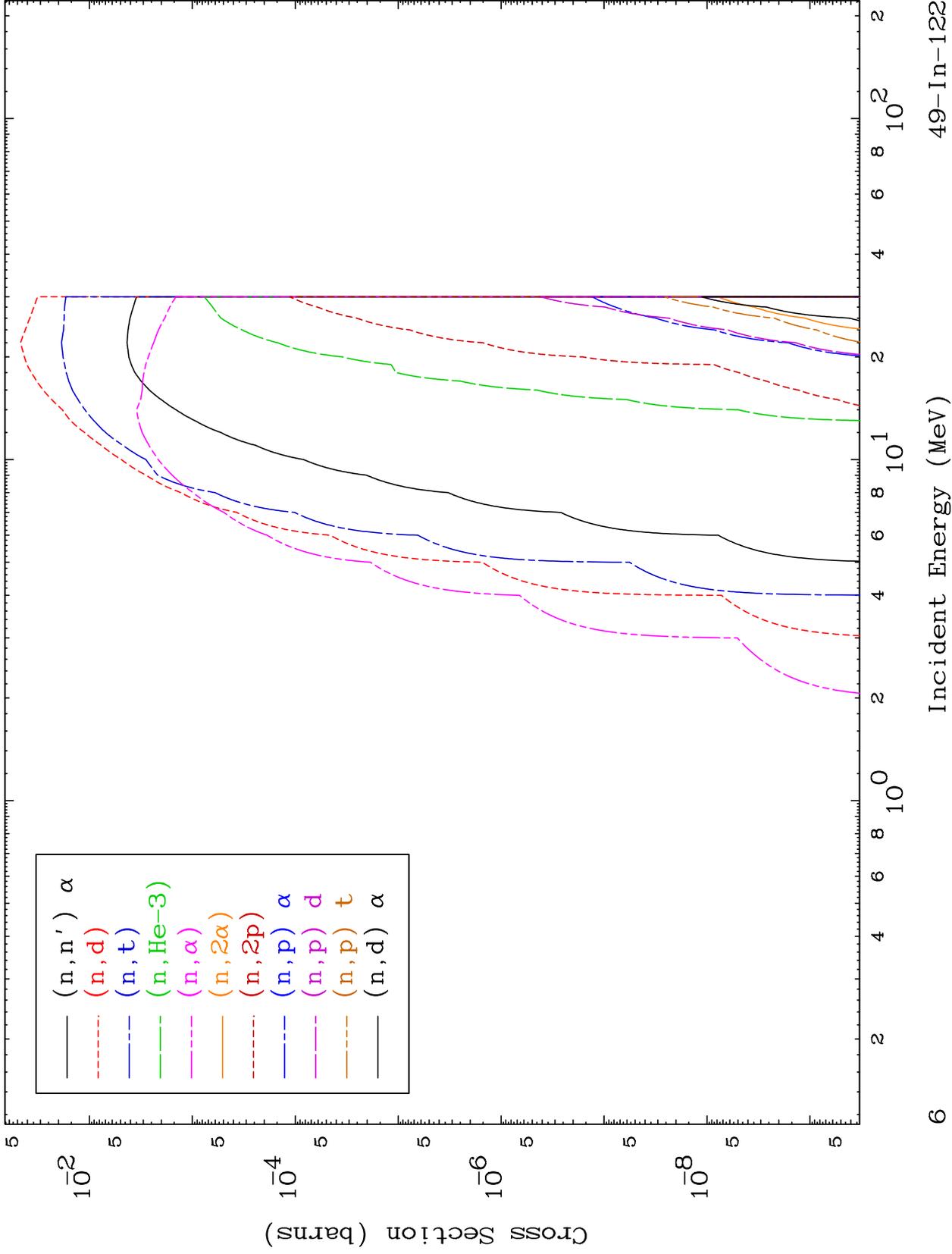










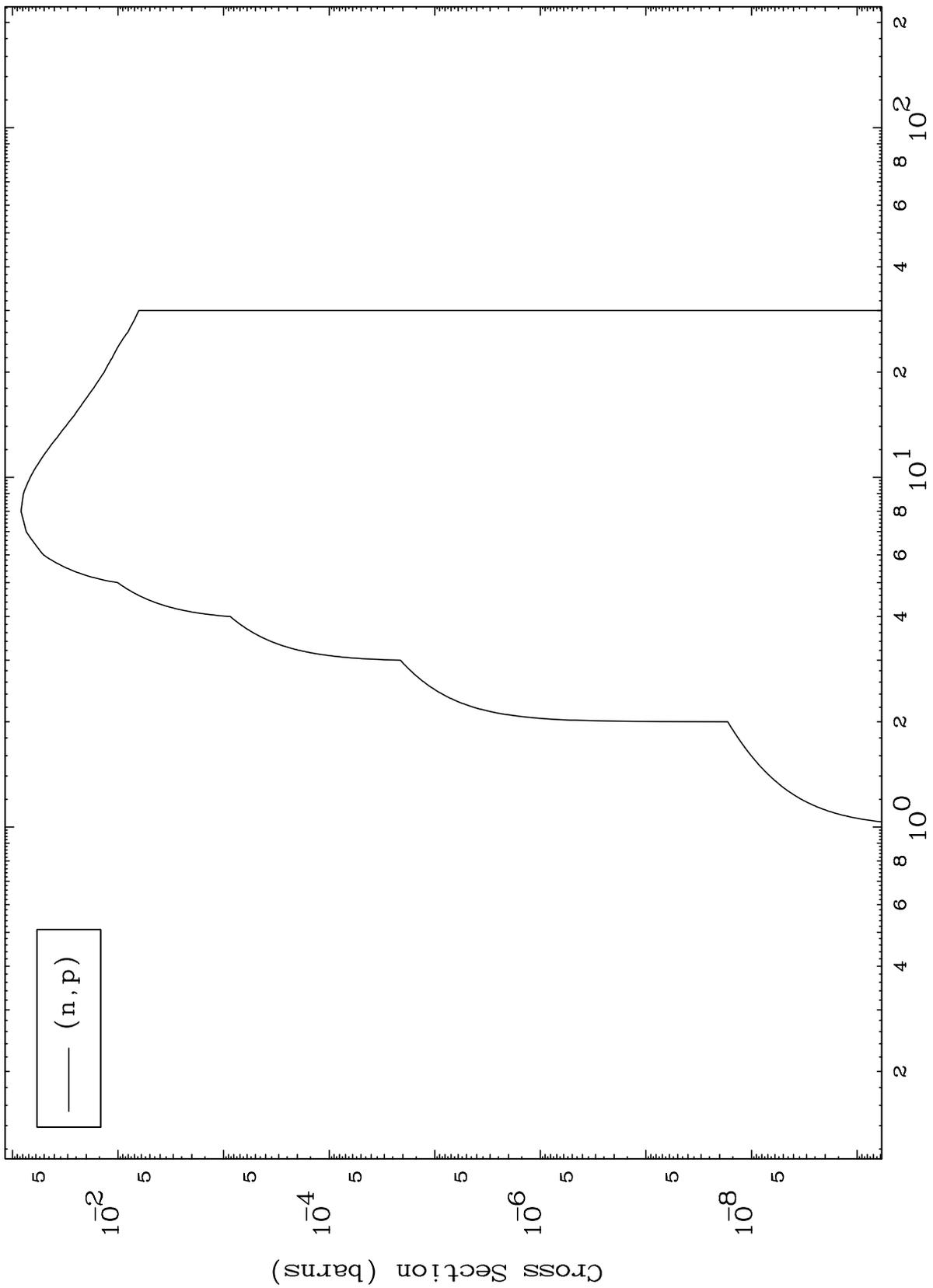


MAT 4952

(d,p) Levels

49-In-122

0 Kelvin Cross Sections

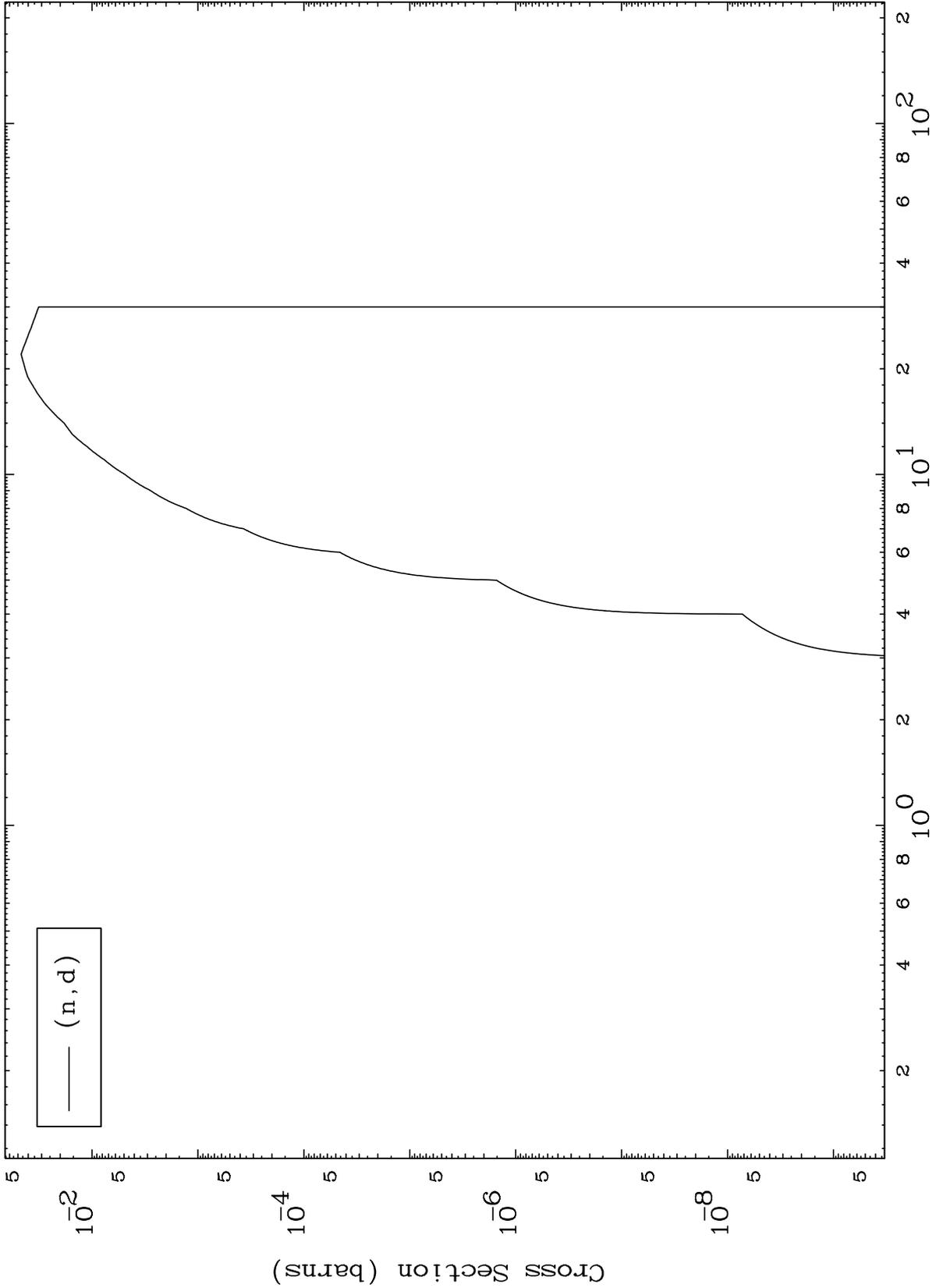


MAT 4952

(d,d) Levels

49-In-122

0 Kelvin Cross Sections

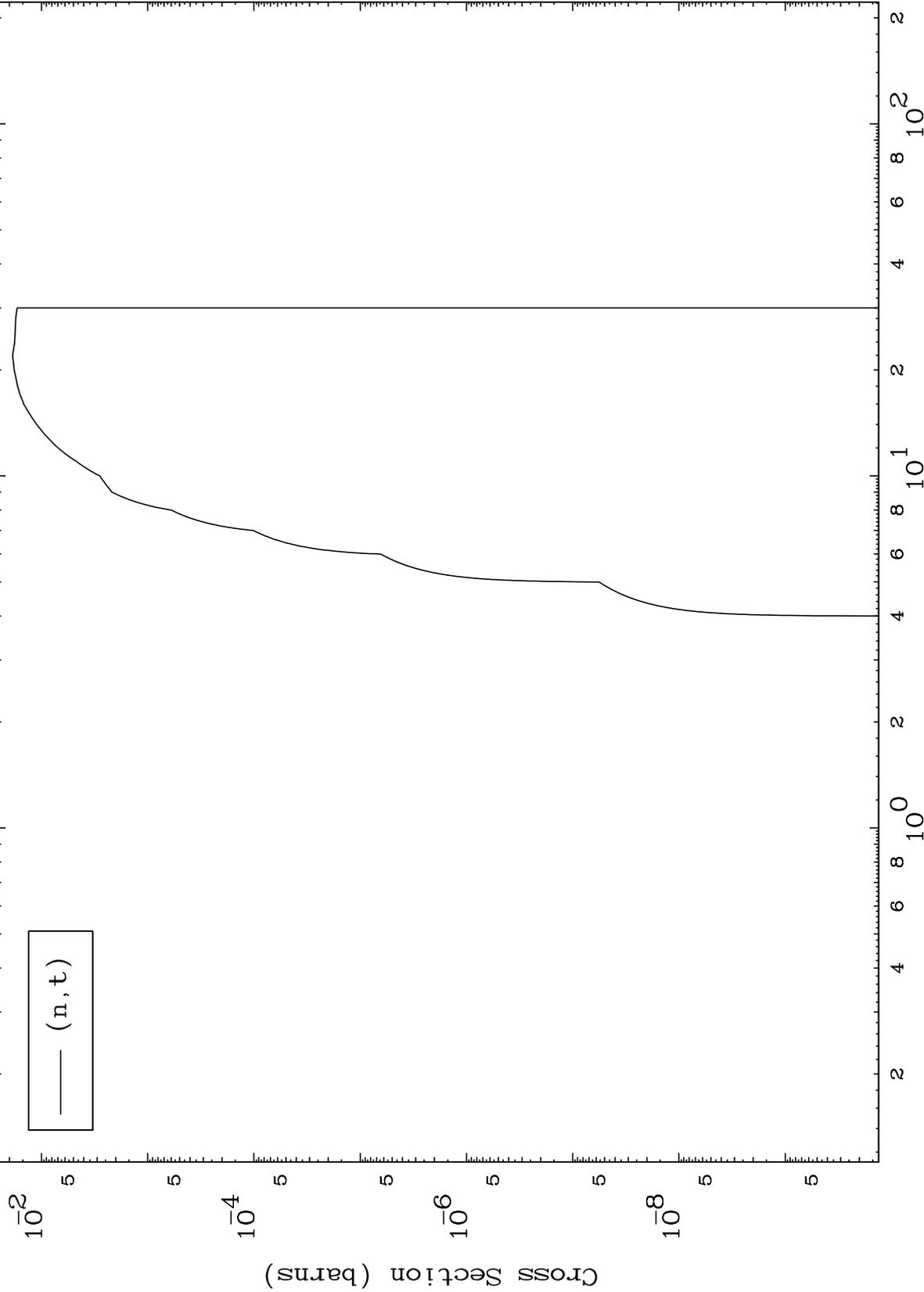


MAT 4952

(d, t) Levels

49-In-122

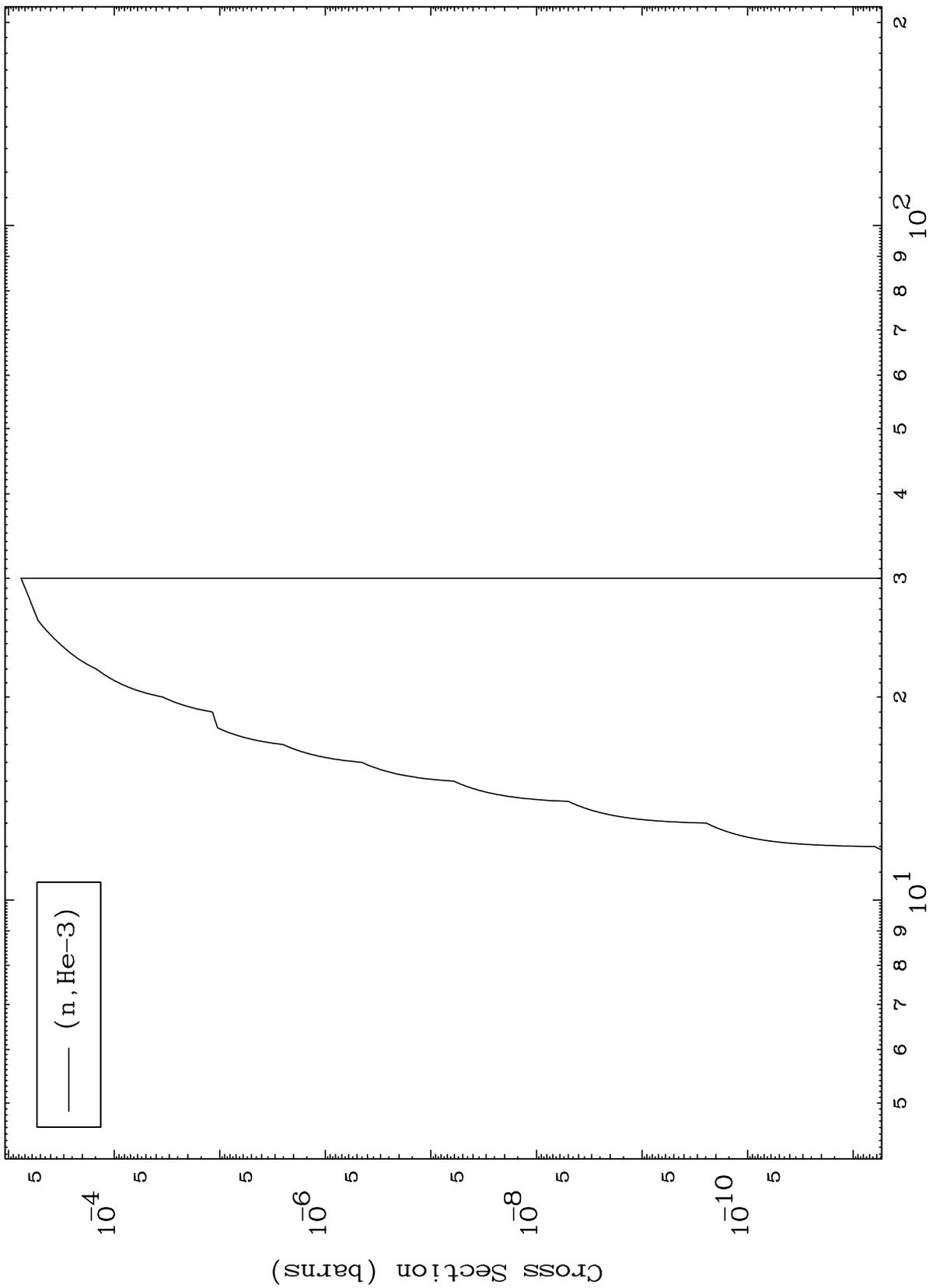
0 Kelvin Cross Sections



MAT 4952

49-In-122

(d,He3) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

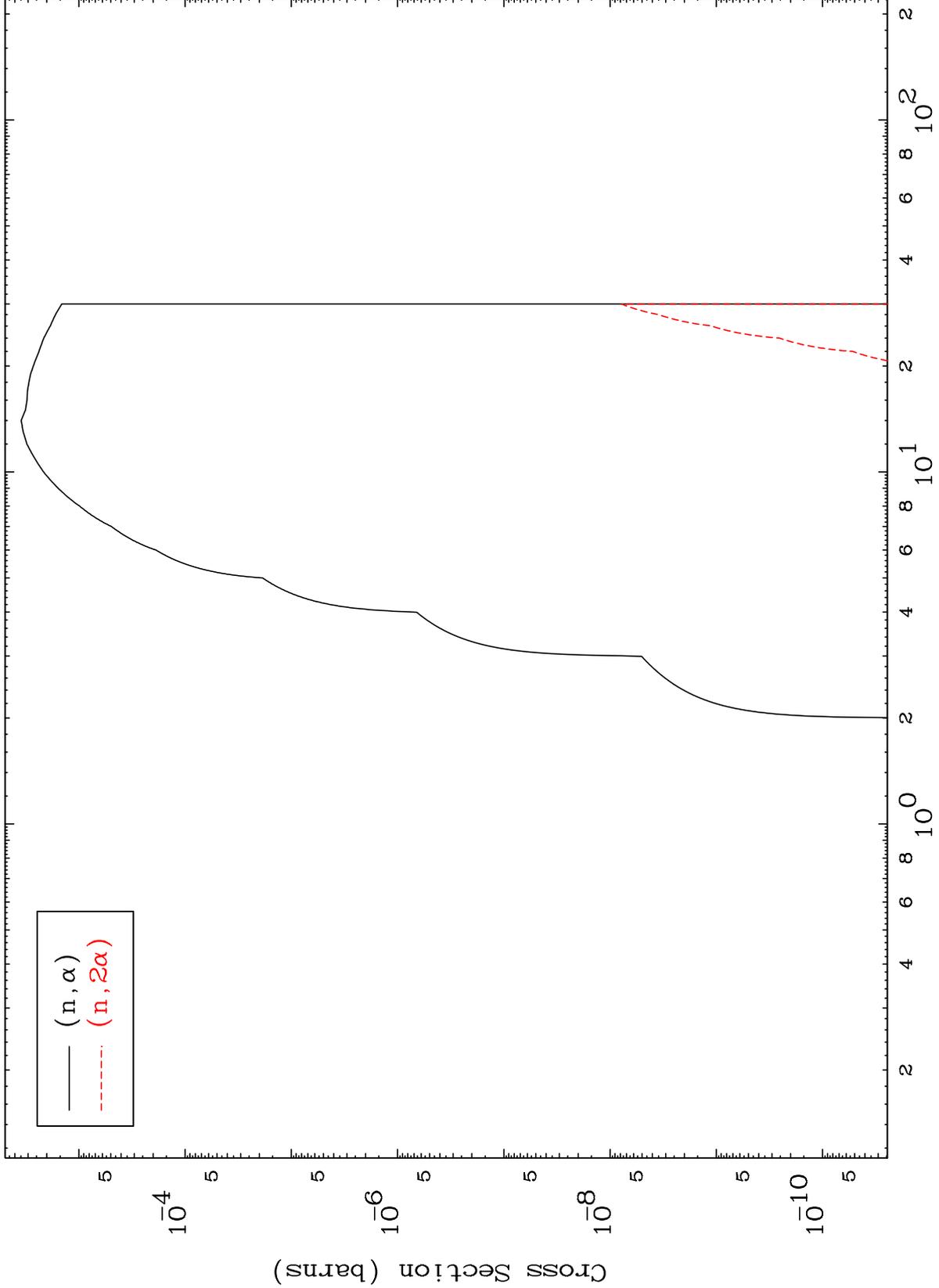
49-In-122

MAT 4952

(d, α) Levels

49-In-122

0 Kelvin Cross Sections

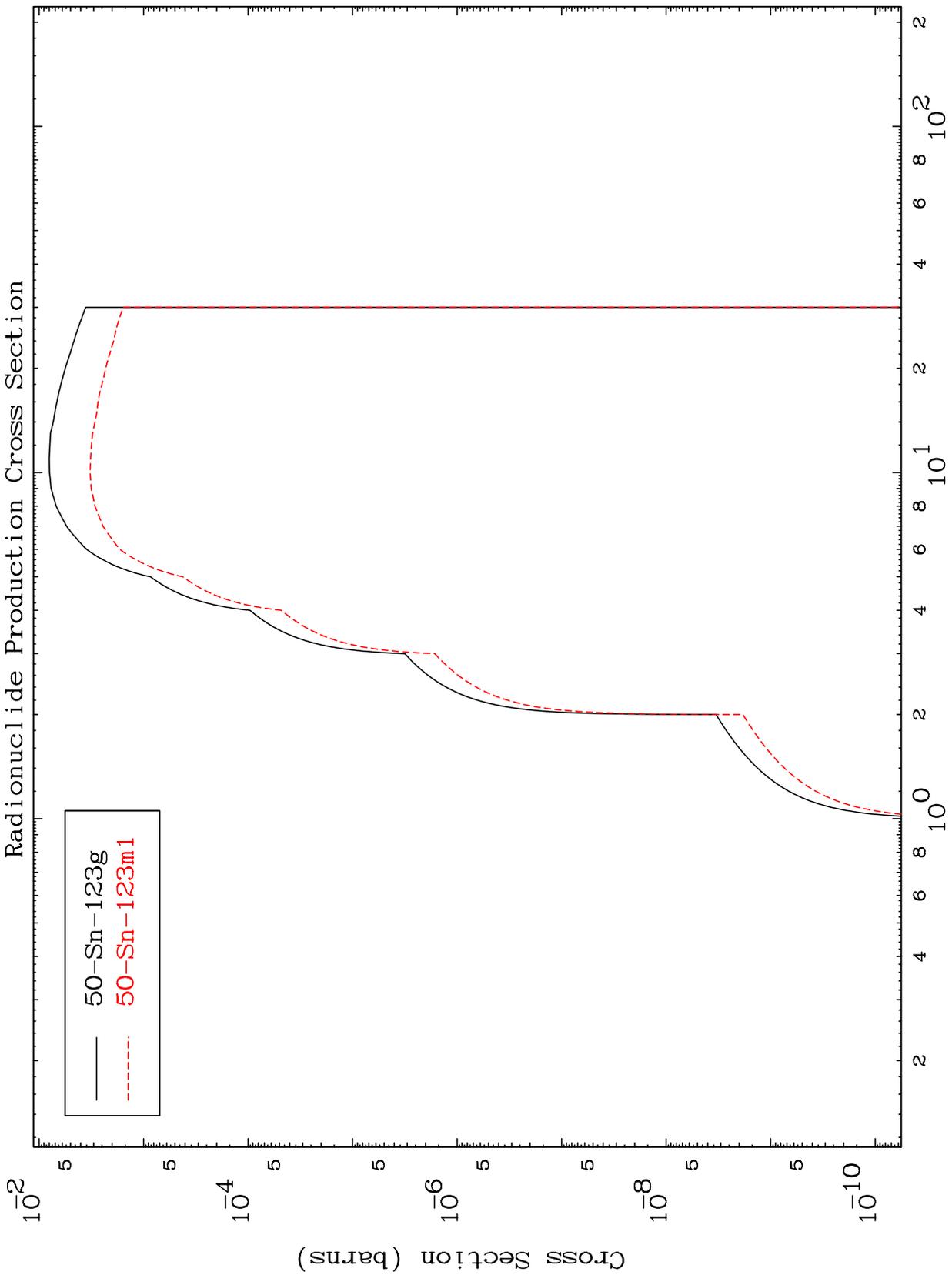


— (n, α)
- - - (n, 2α)

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49-In-122

Inelastic
Radionuclide Production Cross Section



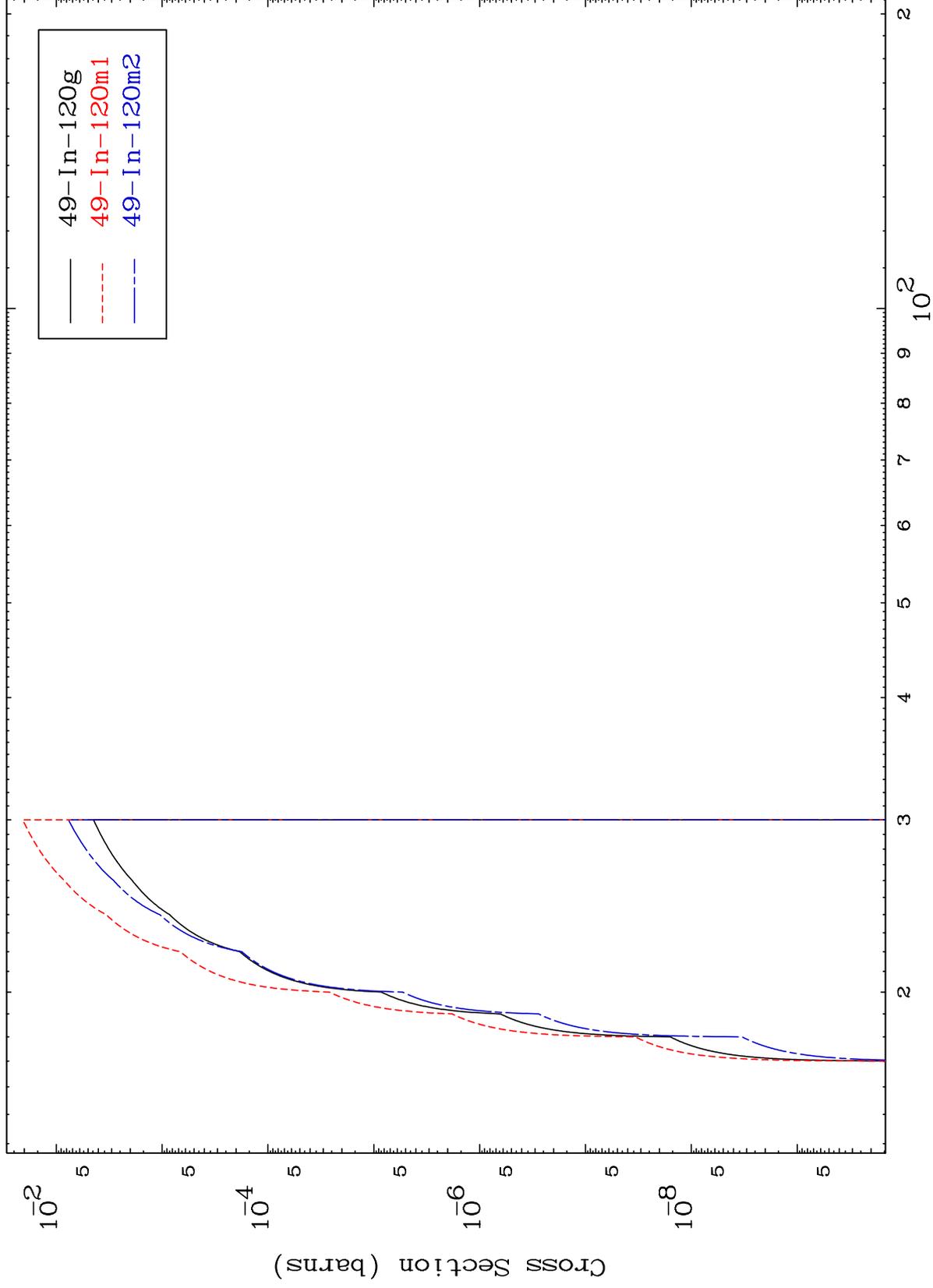
— 50-Sn-123g
- - - 50-Sn-123m1

49-In-122

Incident Energy (MeV)

12

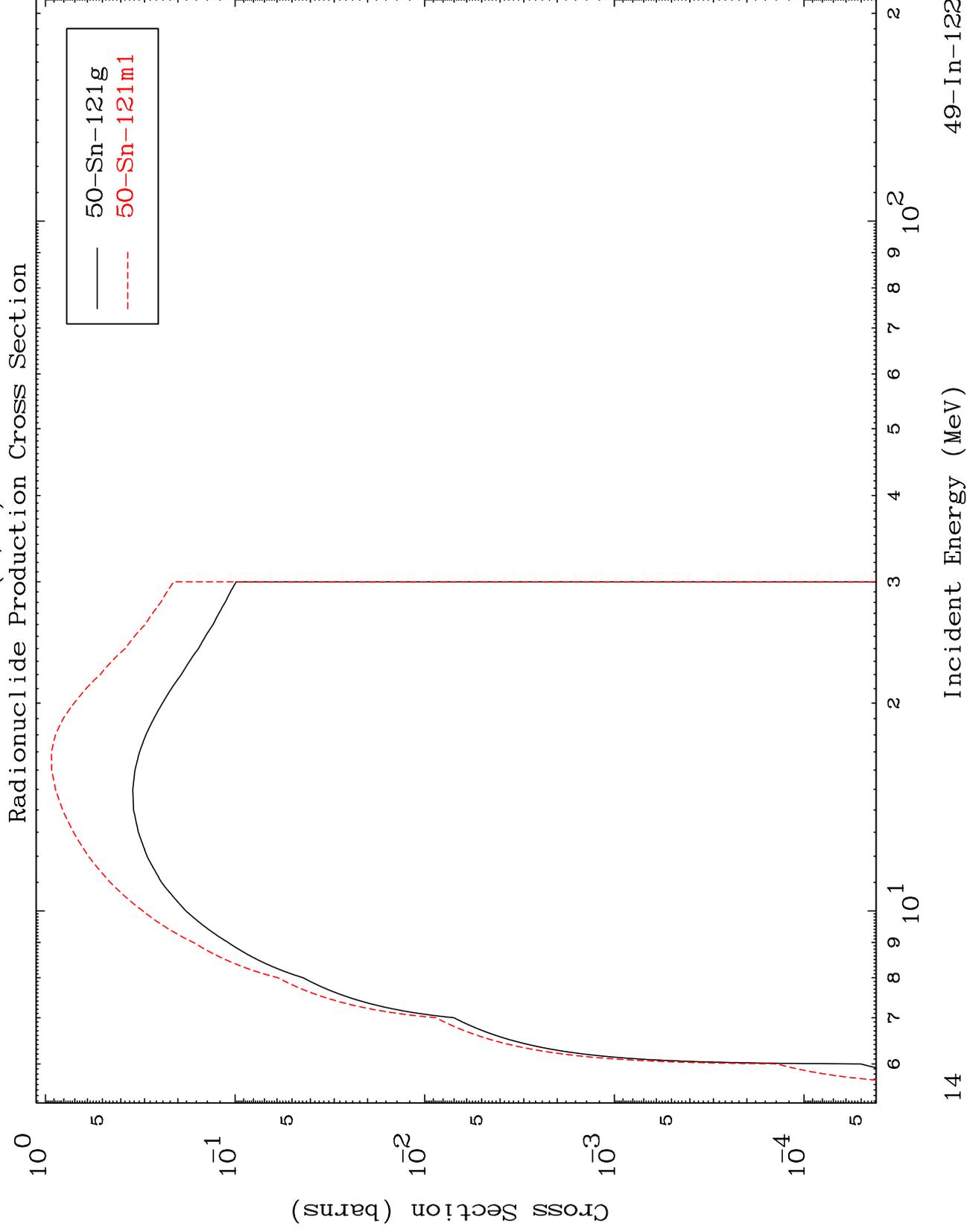
Radionuclide Production Cross Section



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(n,3n)

49-In-122



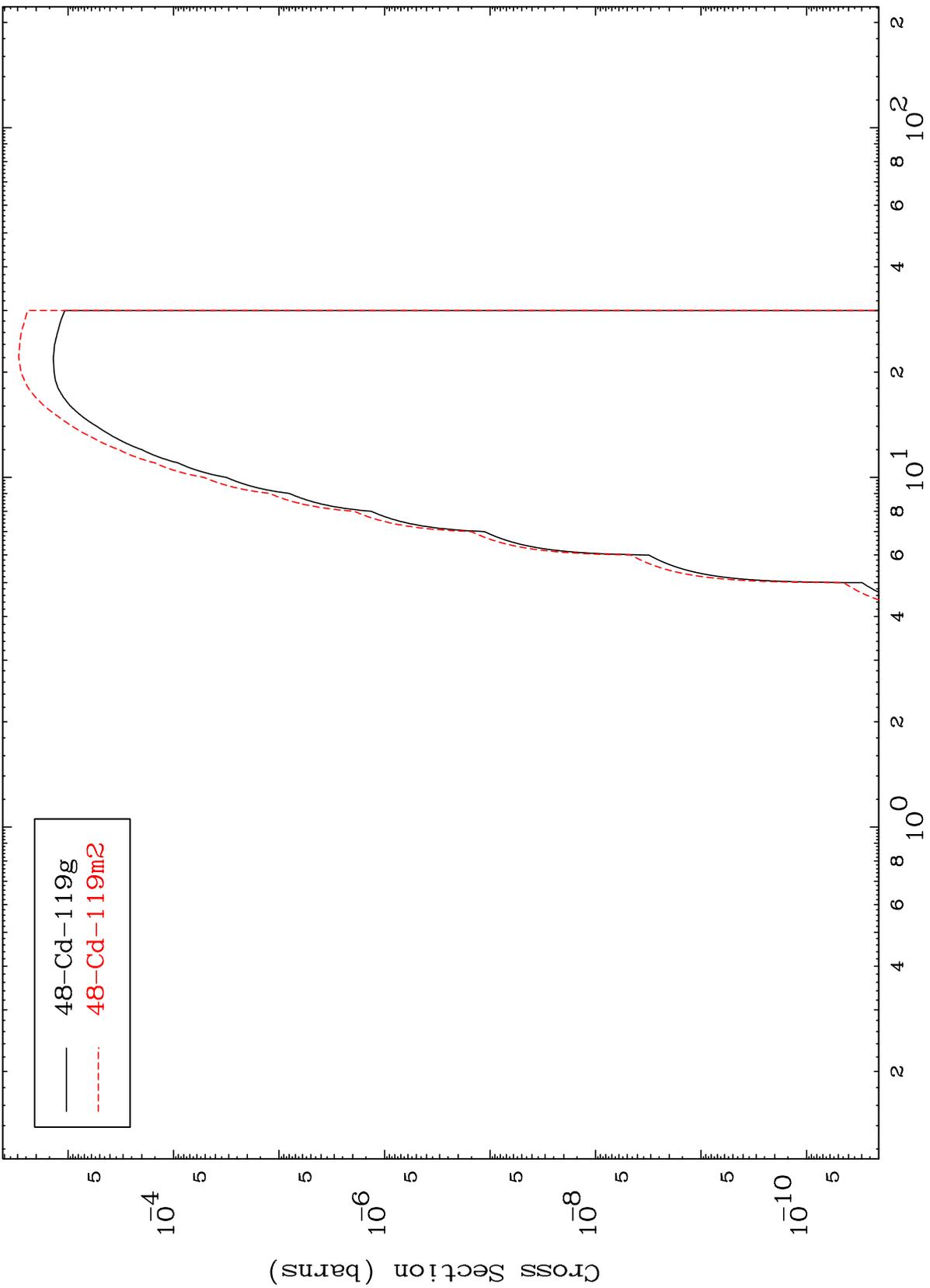
14

MAT 4952

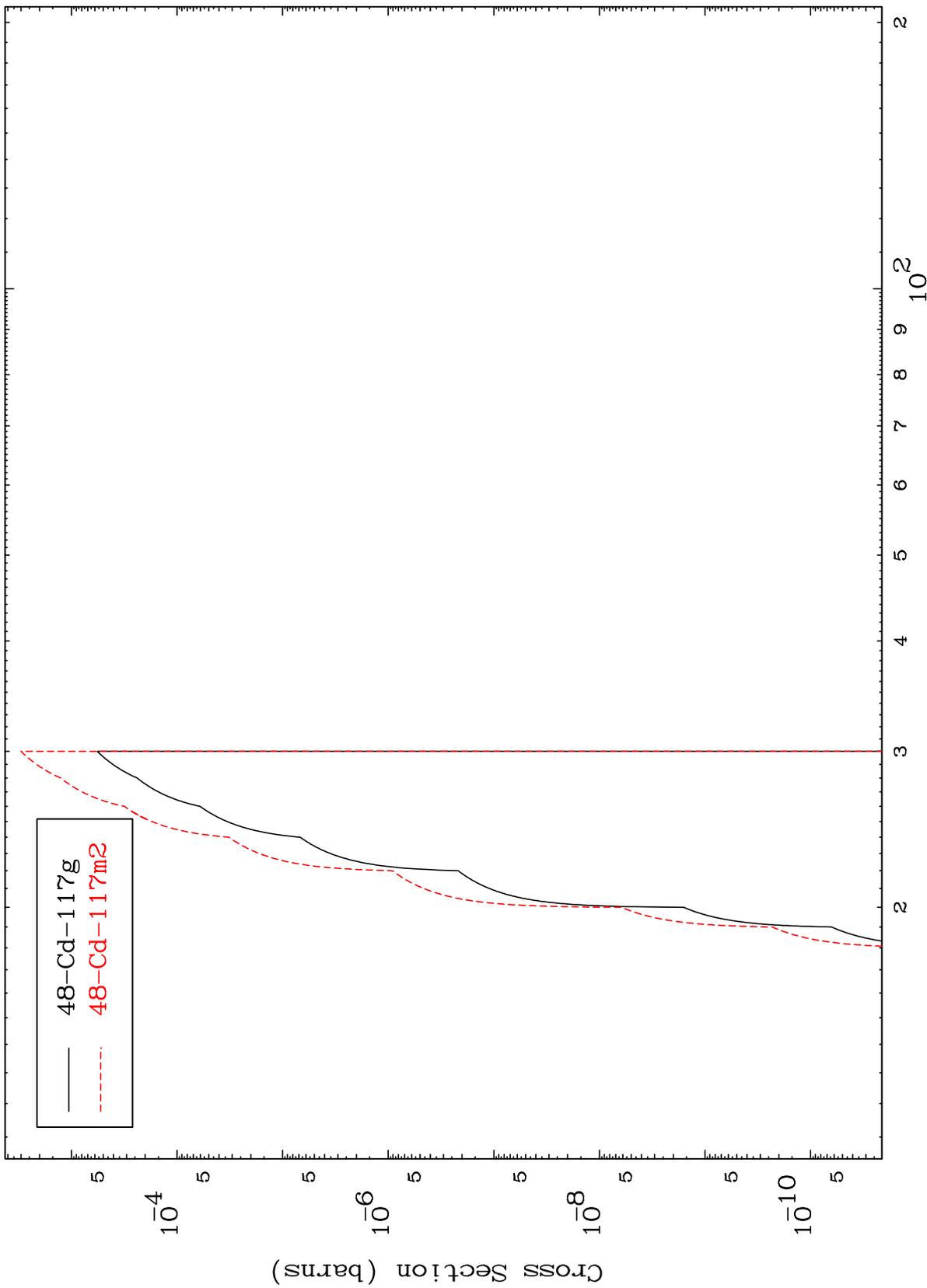
$(n, n') \alpha$

49-In-122

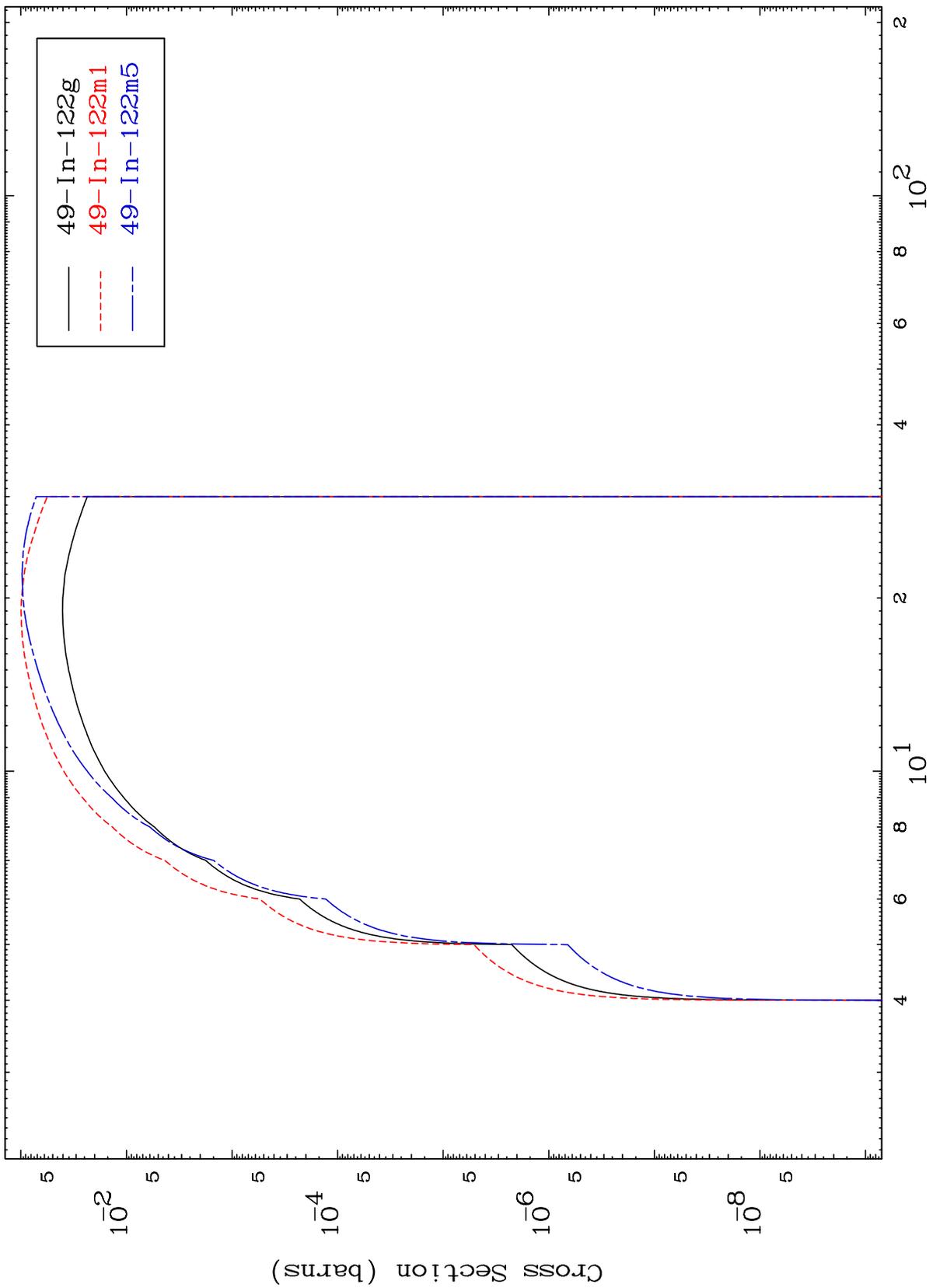
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

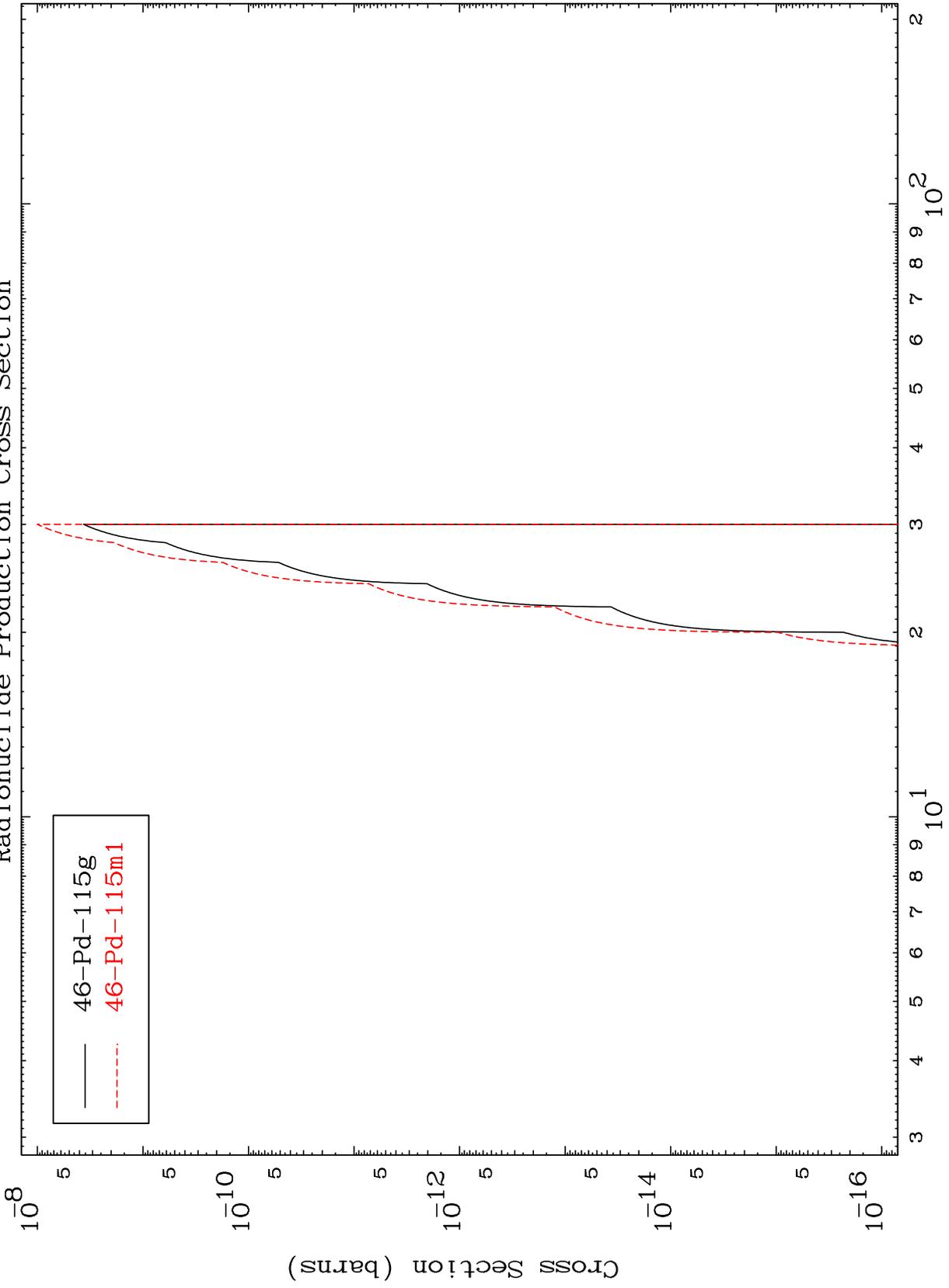


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(n,n') 2α

49-In-122

Radionuclide Production Cross Section



18

Incident Energy (MeV)

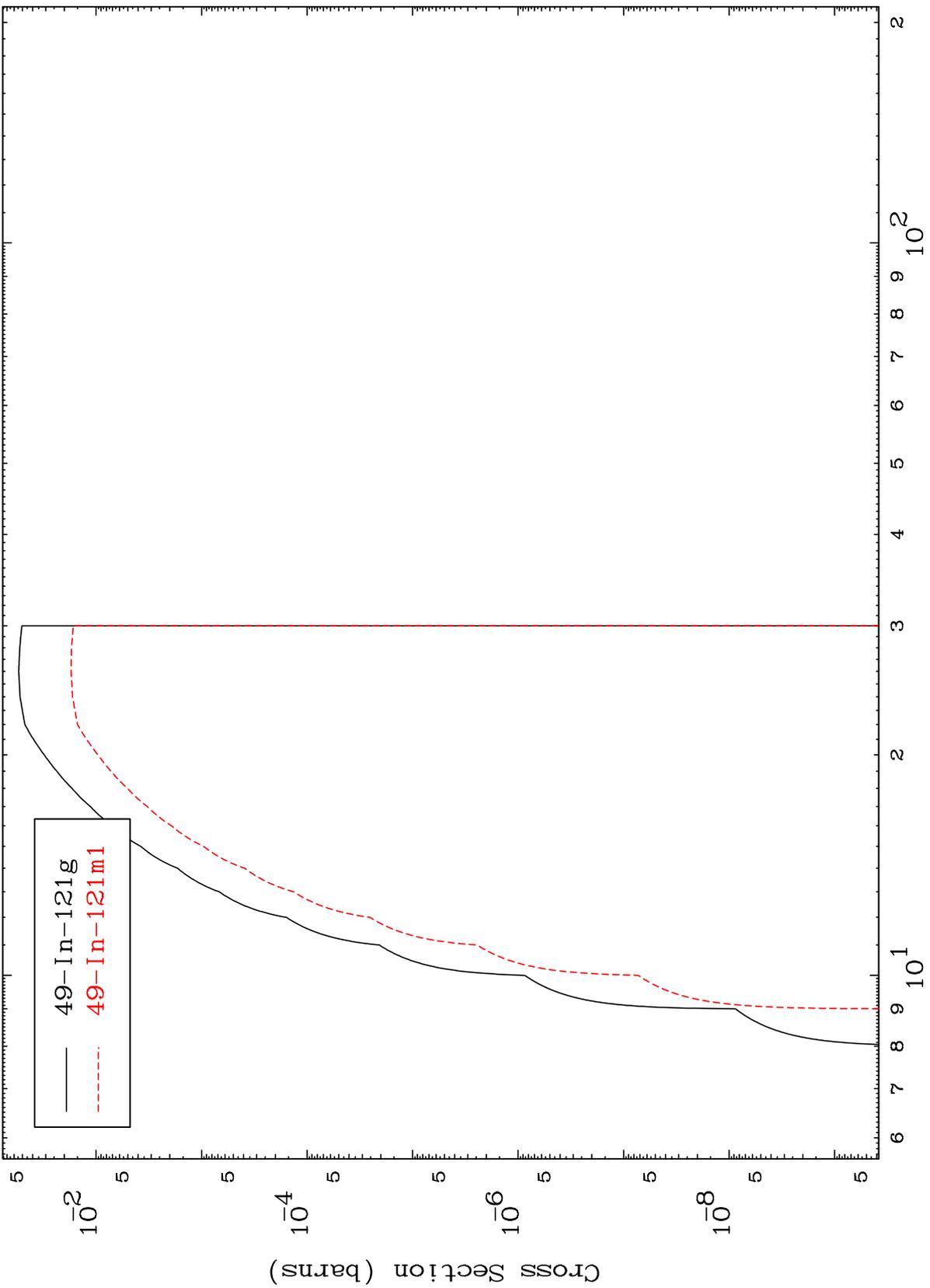
49-In-122

MAT 4952

(n,n') d

49-In-122

Radionuclide Production Cross Section

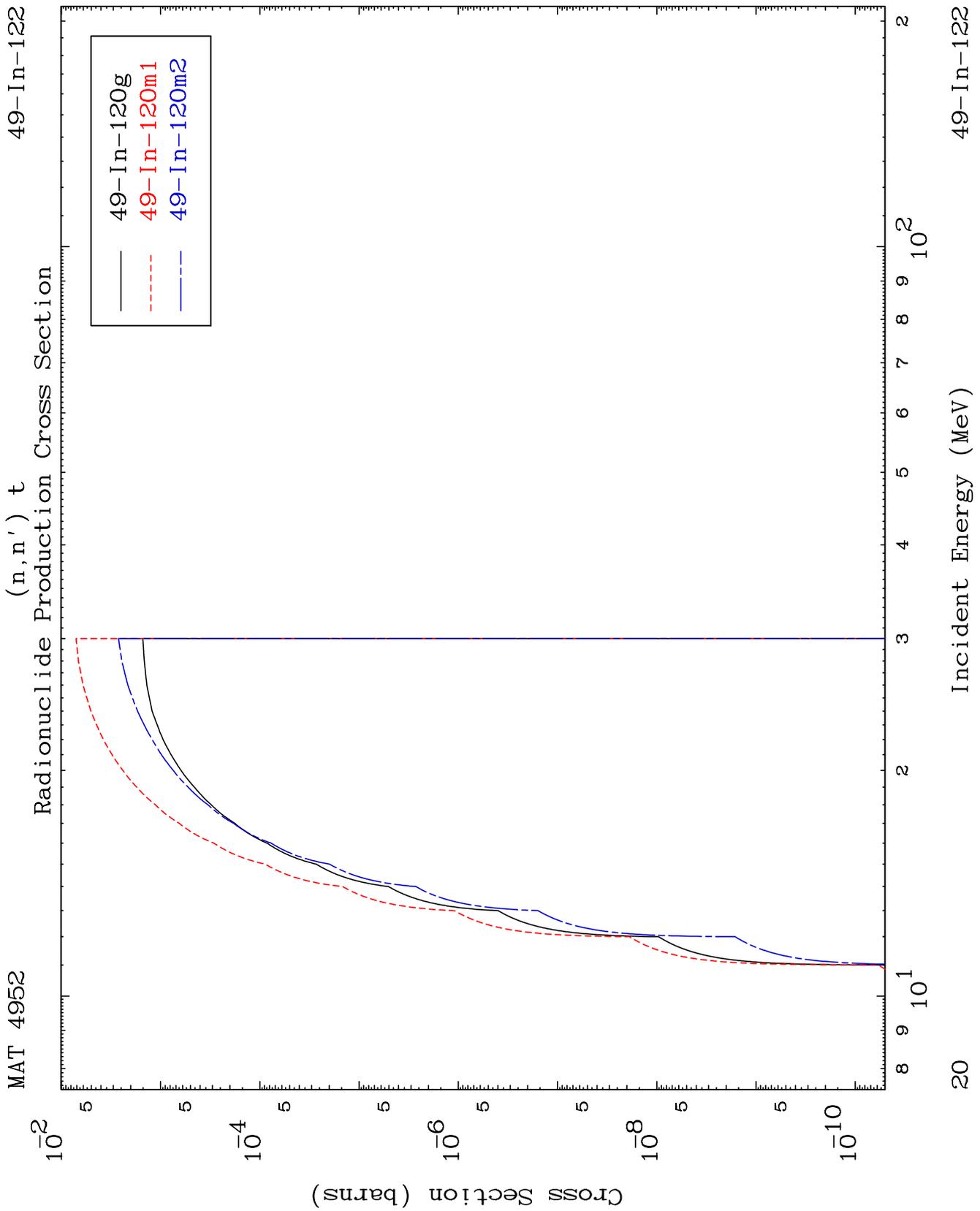


49-In-121g
49-In-121m1

19

Incident Energy (MeV)

49-In-122

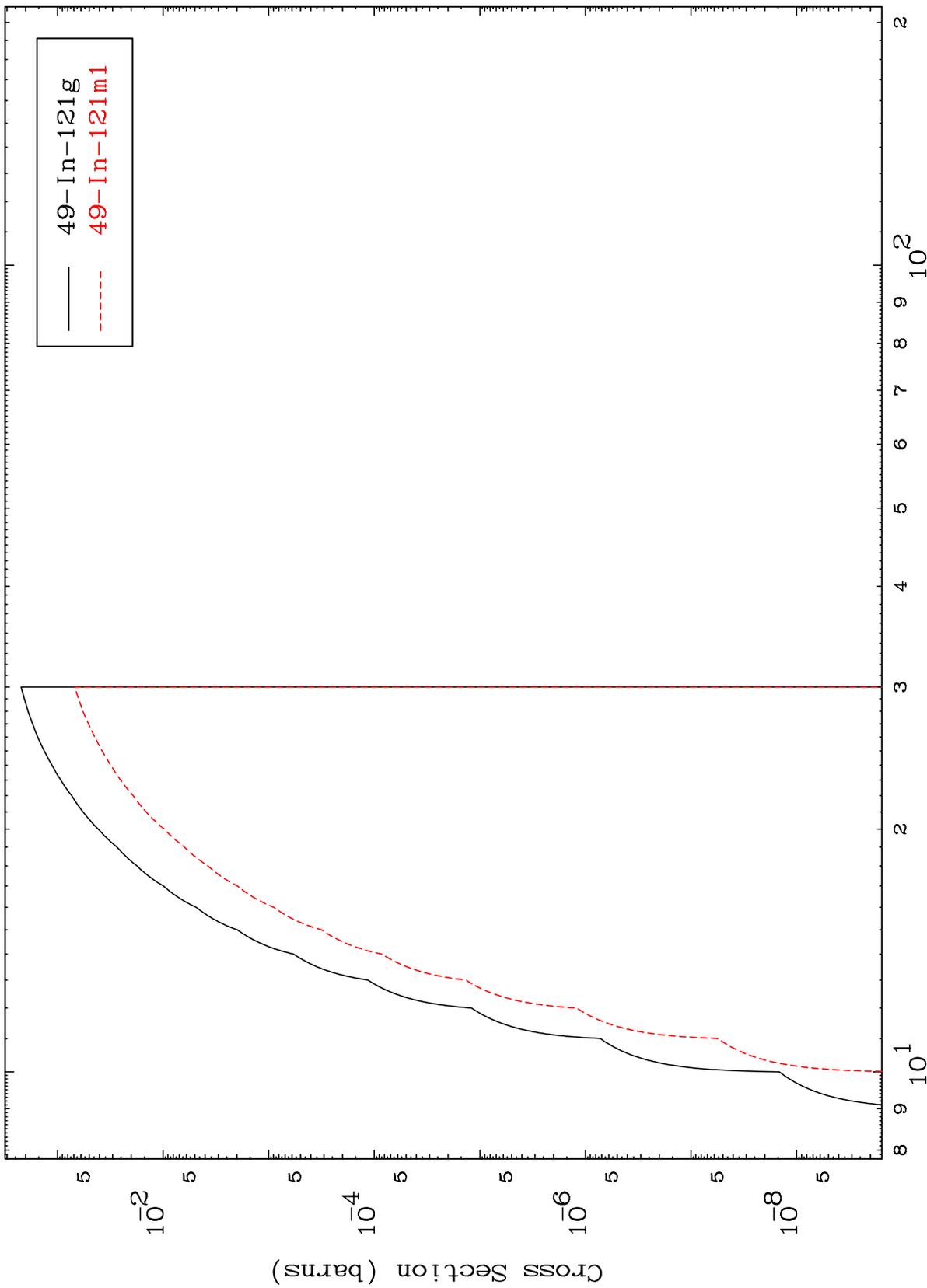


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(n,2n) p

49-In-122

Radionuclide Production Cross Section

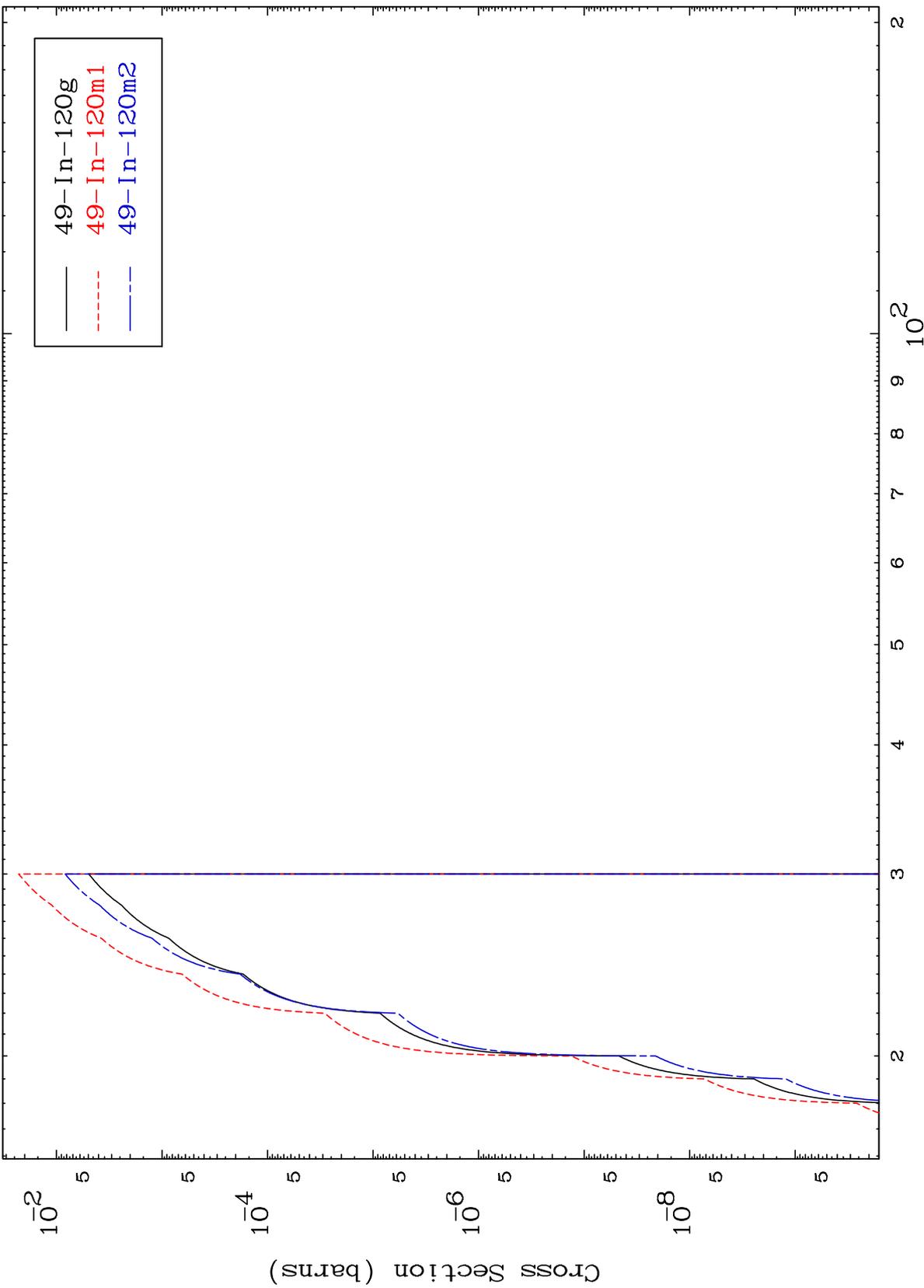


21

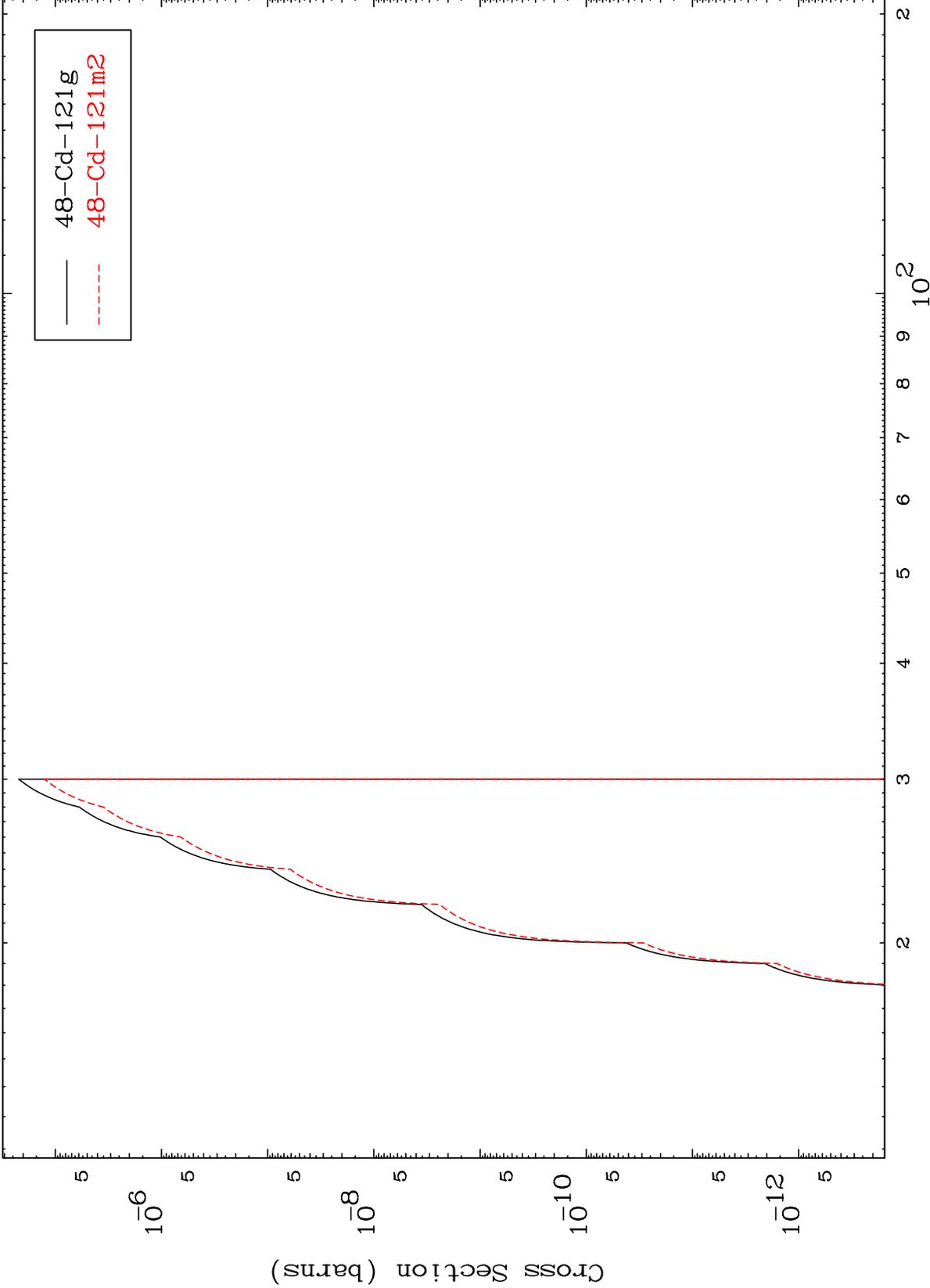
Incident Energy (MeV)

49-In-122

Radionuclide Production Cross Section



Radionuclide Production Cross Section



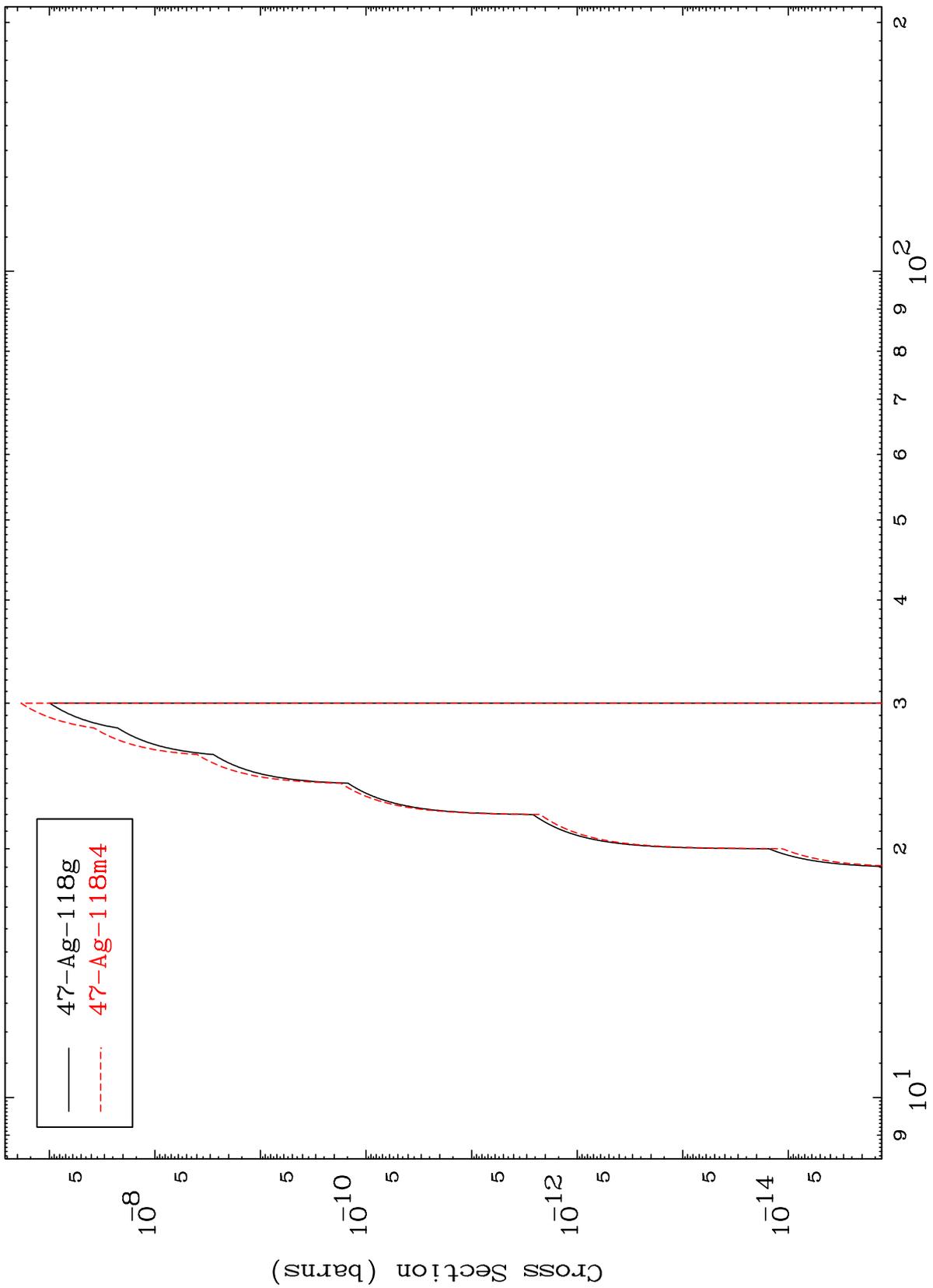
48-Cd-121g
48-Cd-121m2

MAT 4952

(n,n') p α

49-In-122

Radionuclide Production Cross Section



24

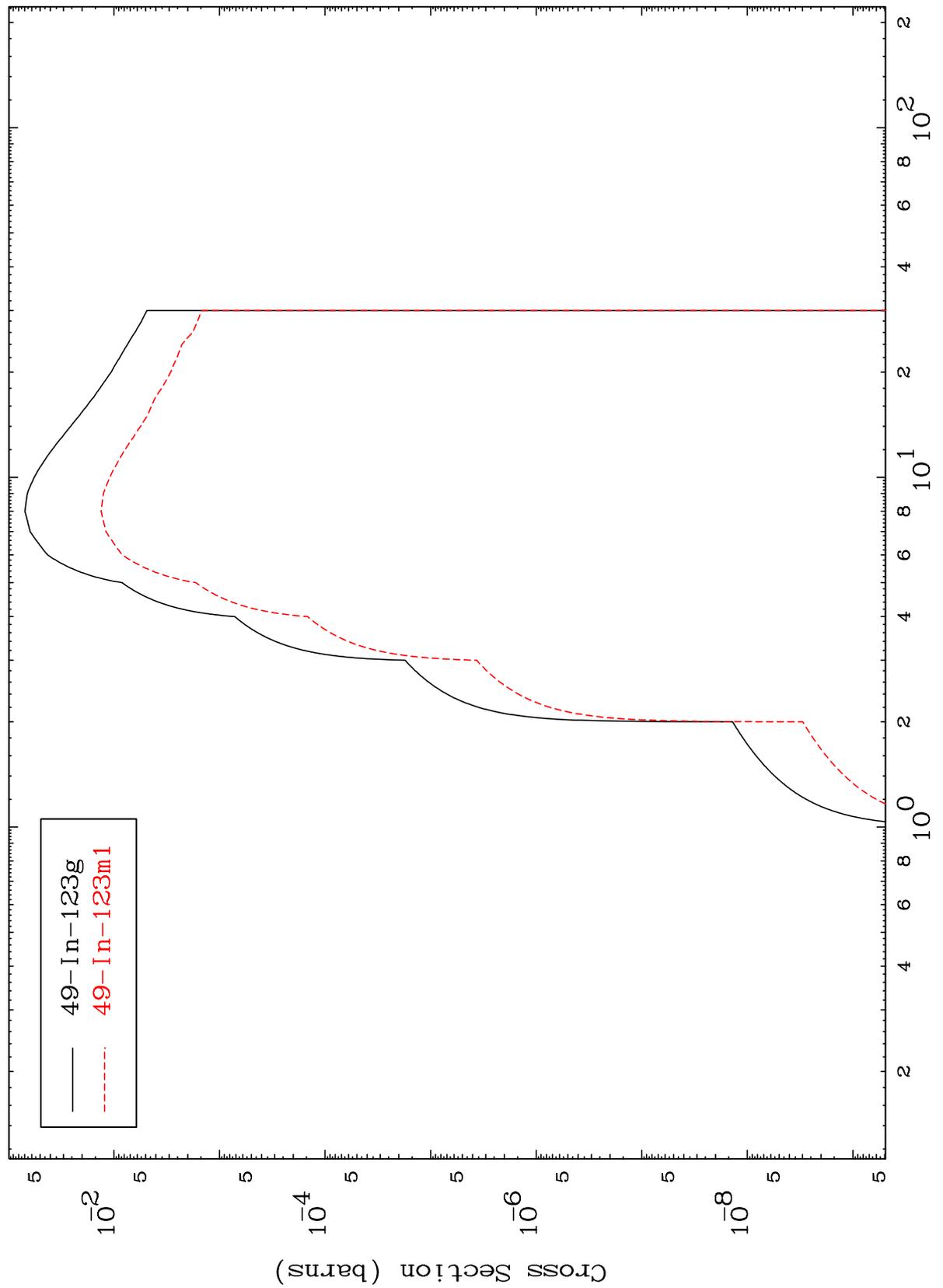
Incident Energy (MeV)

49-In-122

MAT 4952

49-In-122

(n,p)
Radionuclide Production Cross Section



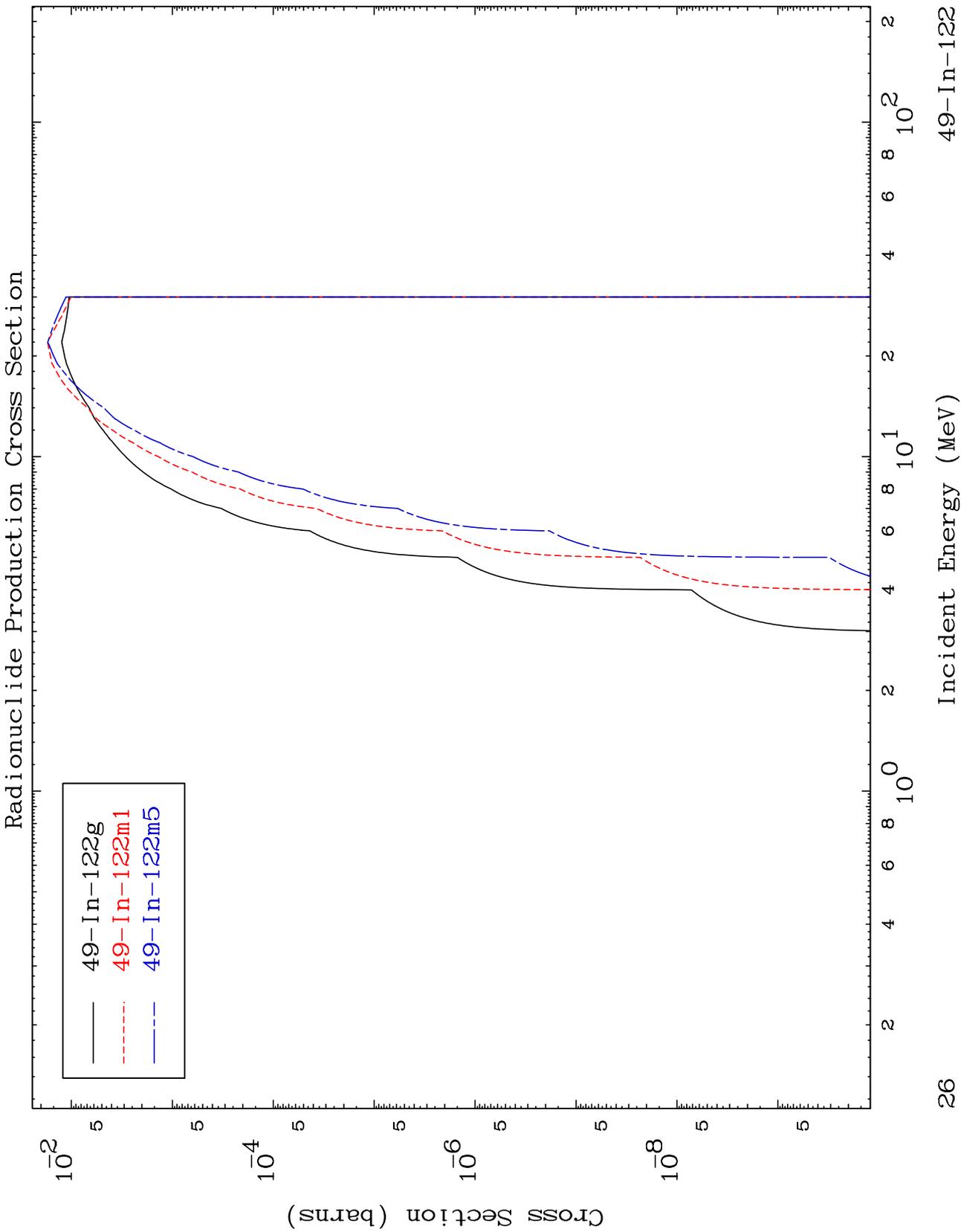
25

49-In-122

MAT 4952

(n,d)

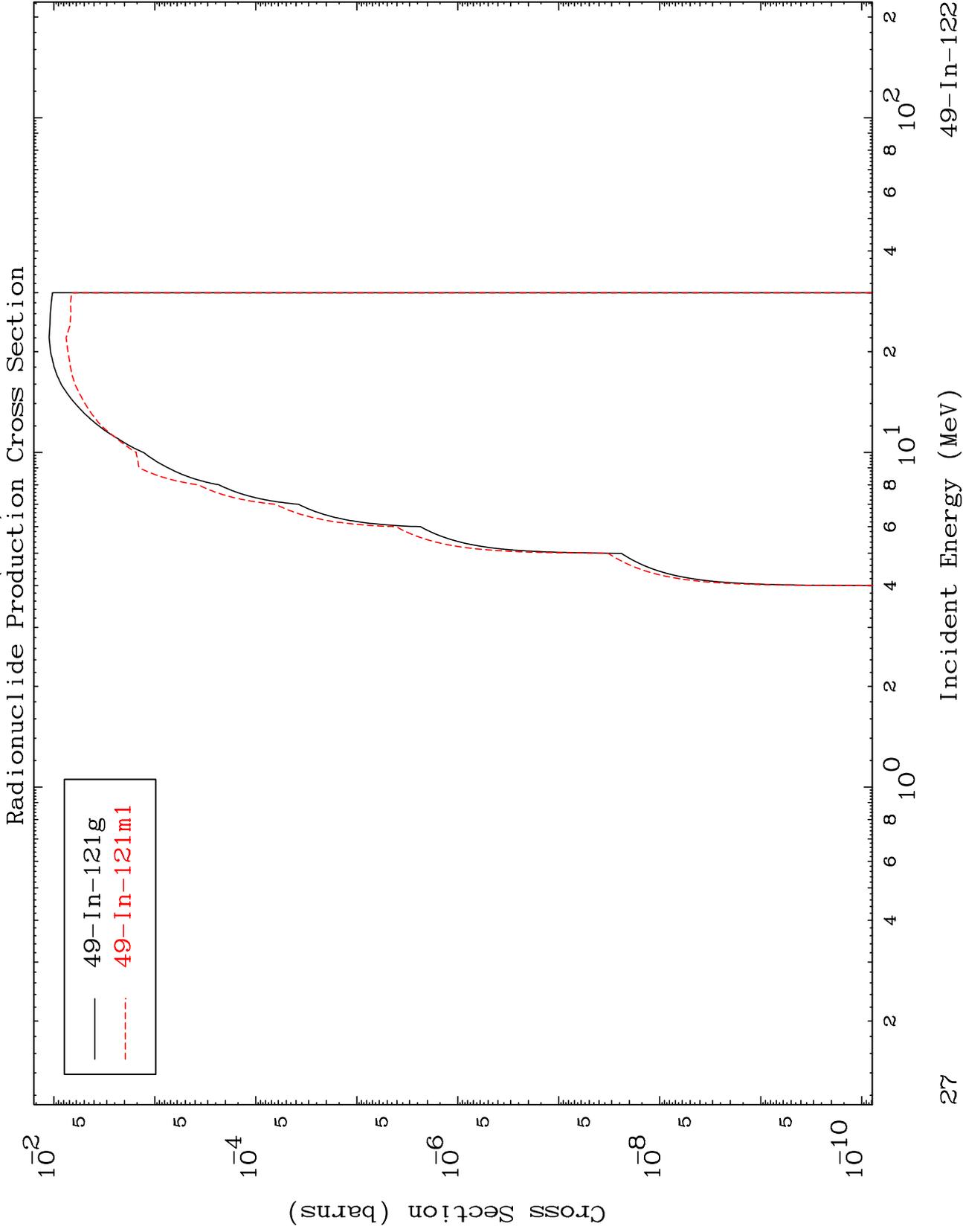
49-In-122



MAT 4952

(n, t)

49-In-122

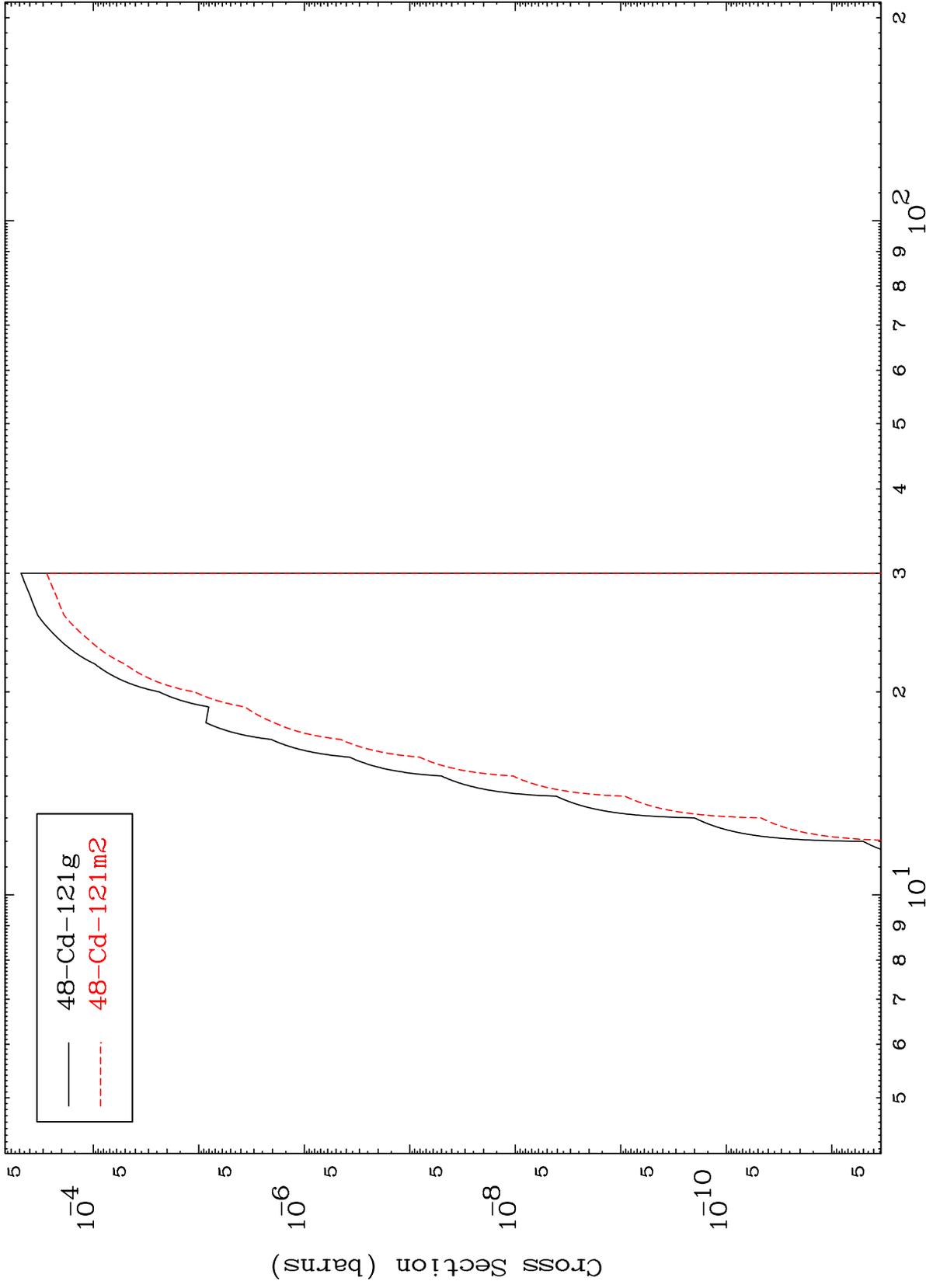


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(n,He-3)

49-In-122

Radionuclide Production Cross Section



28

Incident Energy (MeV)

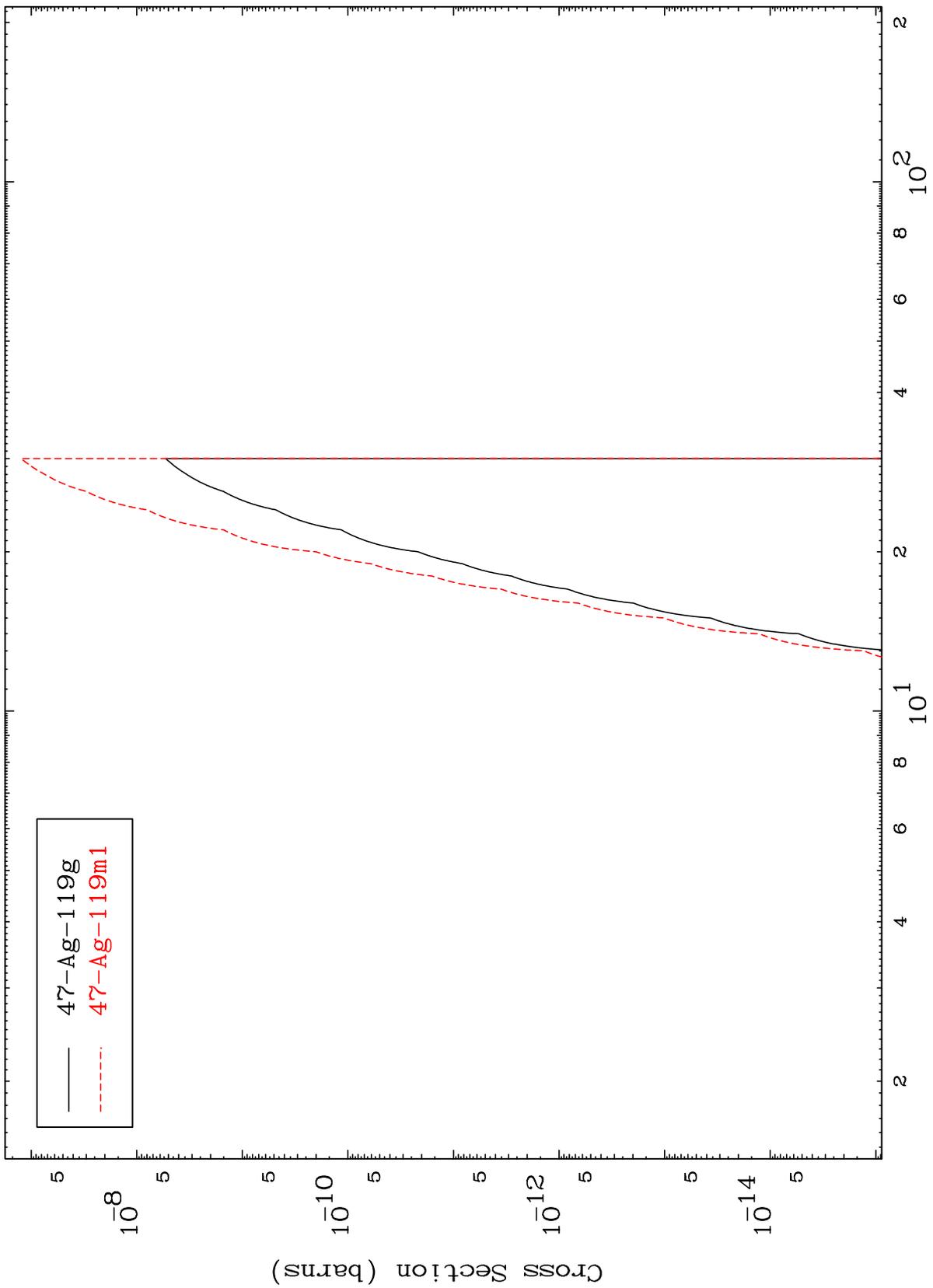
49-In-122

MAT 4952

(n,p) α

49-In-122

Radionuclide Production Cross Section

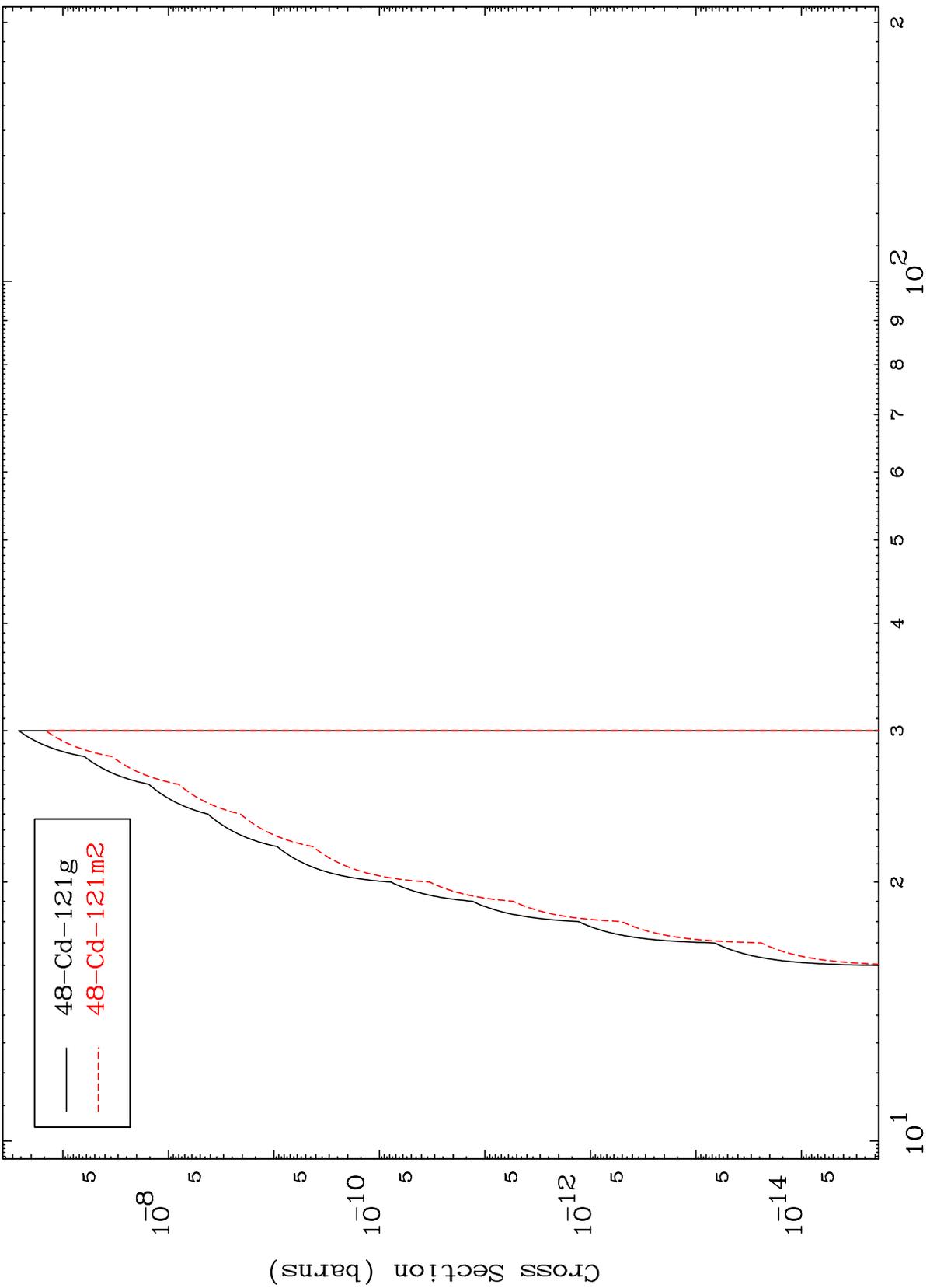


MAT 4952

(n,p) d

49-In-122

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-122

30

MAT 4952

(n,d) α

49-In-122

