

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

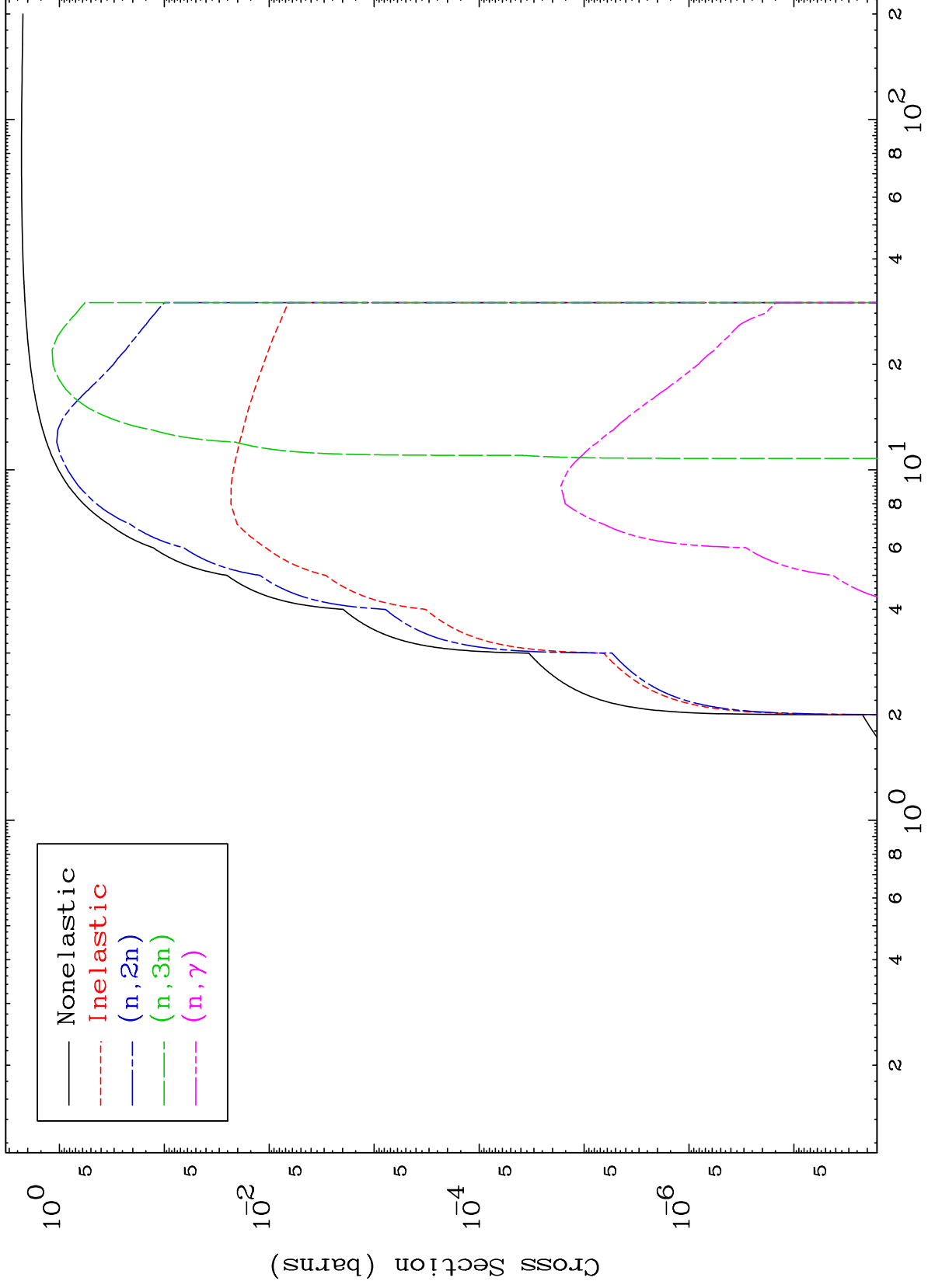
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Web:redcullen1.net/HOMEPAGE.NEW

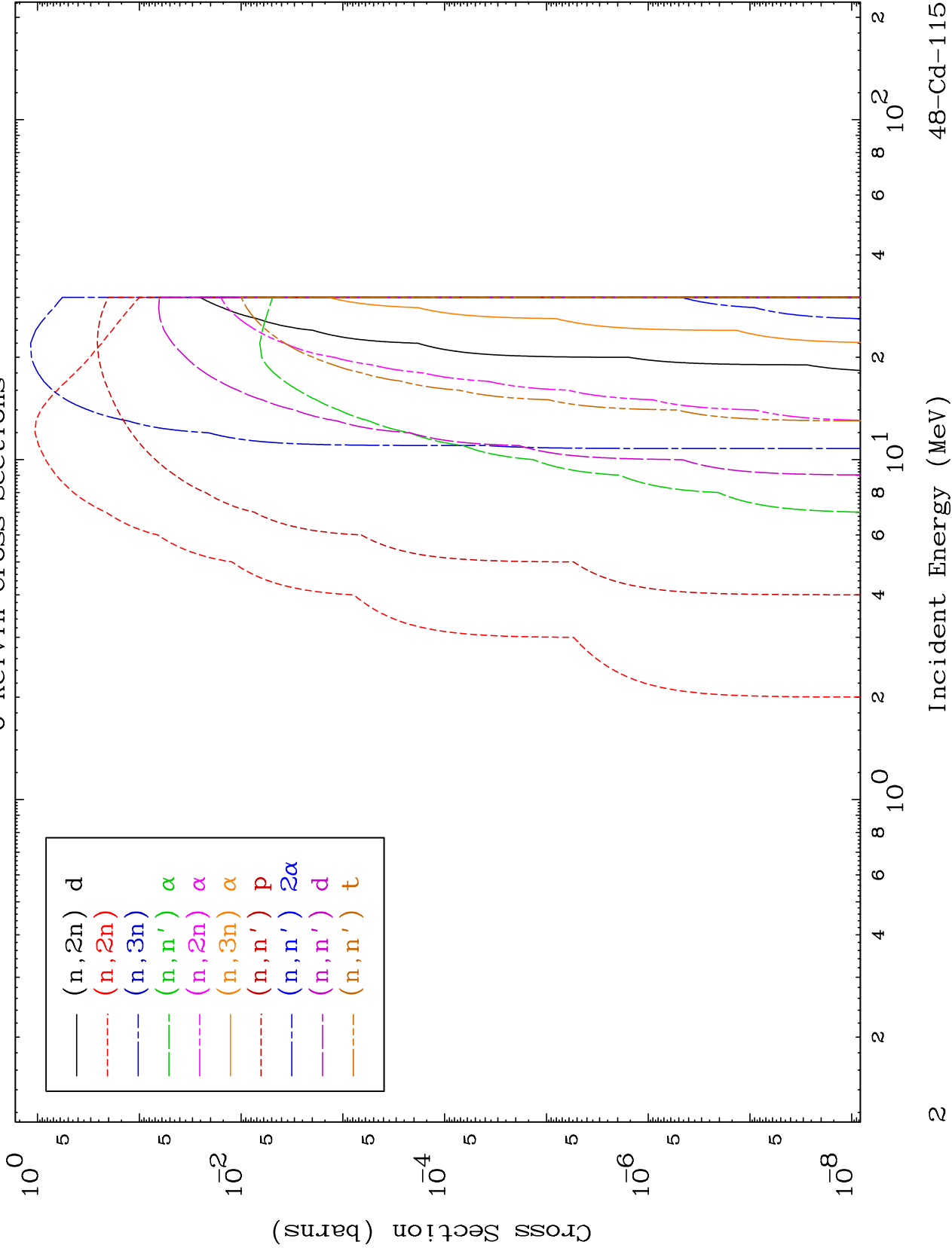
Press Mouse Button to Start



MAT 4852

Deuteron Neutron Absorption
0 Kelvin Cross Sections

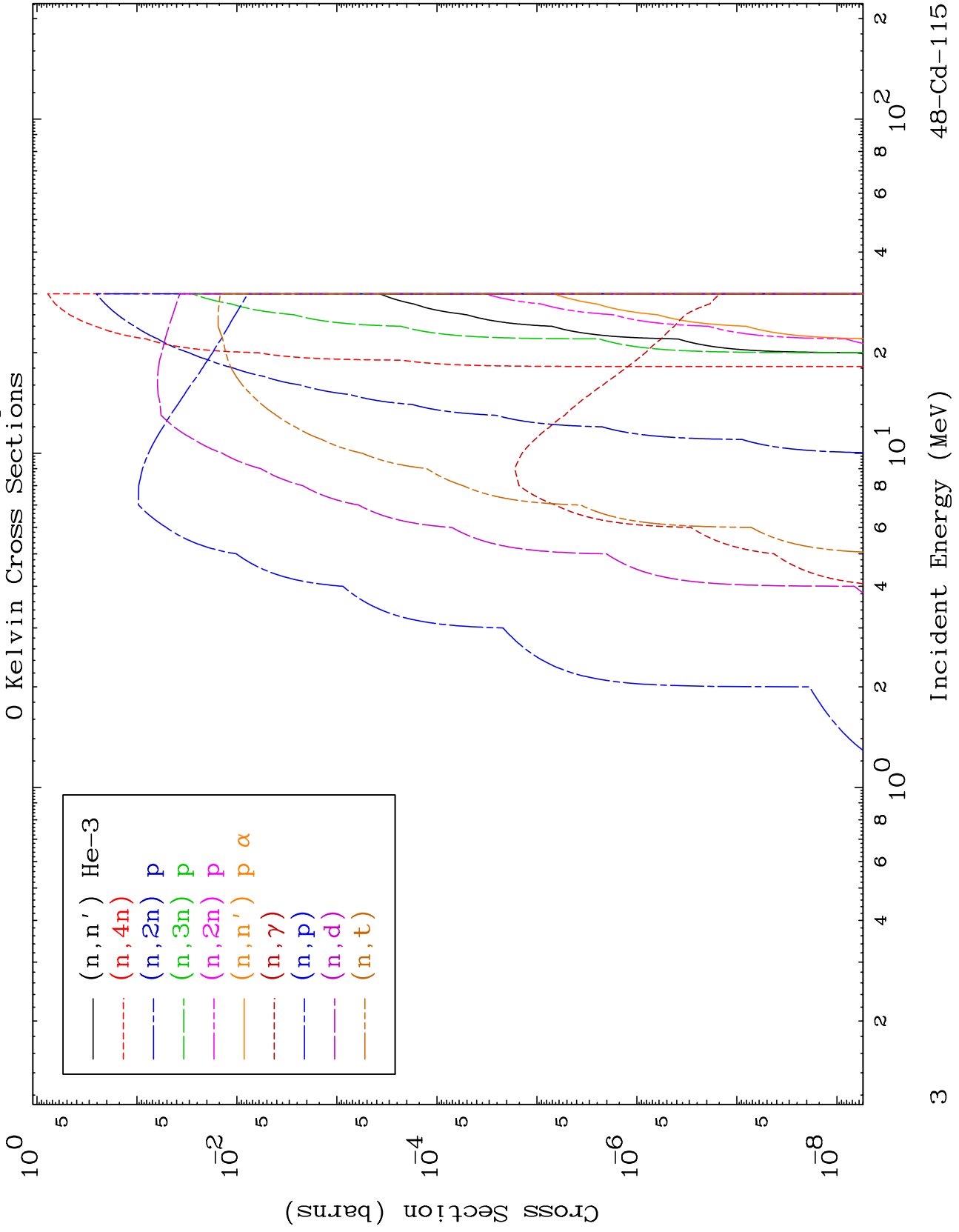
48-Cd-115

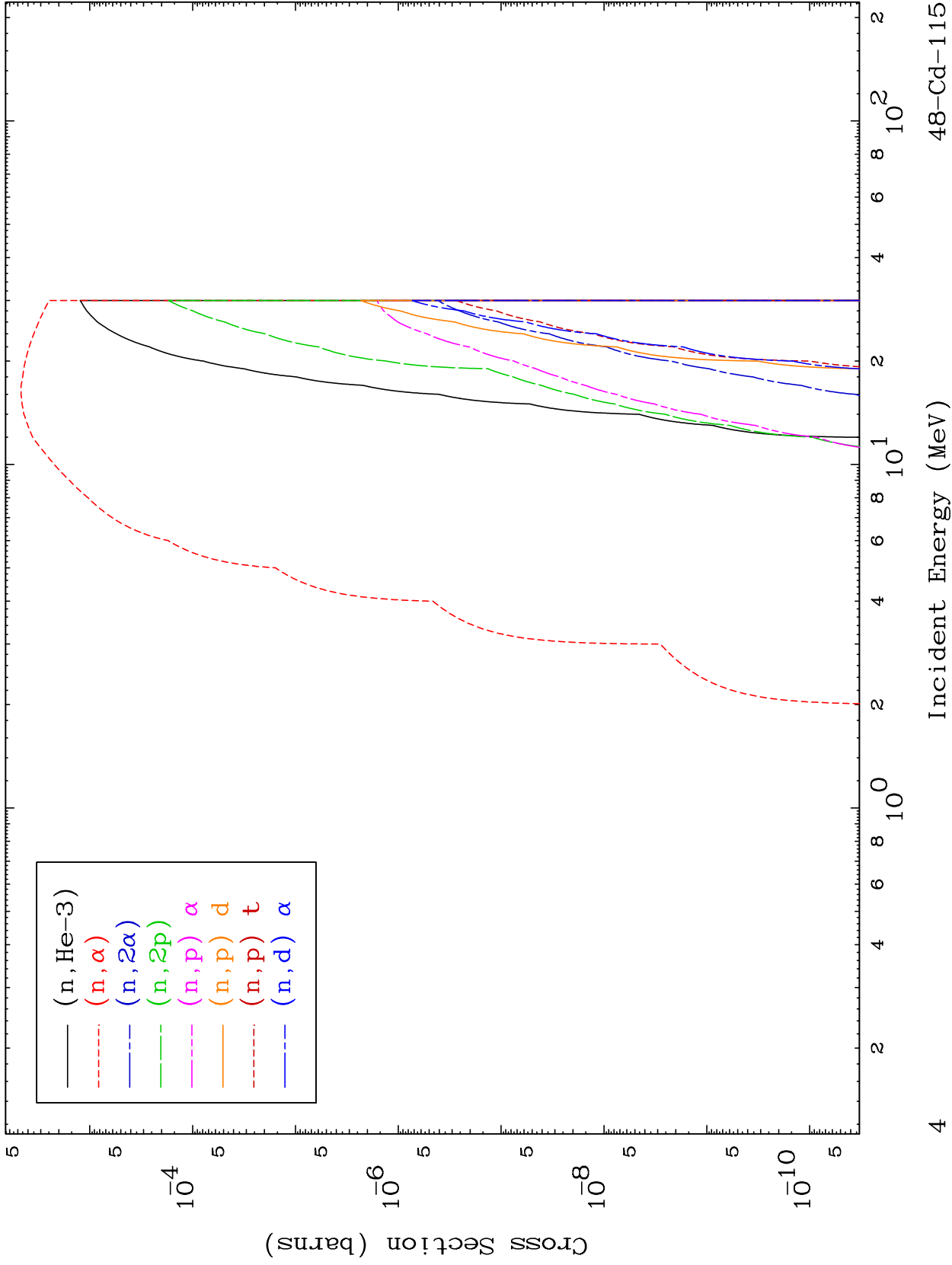


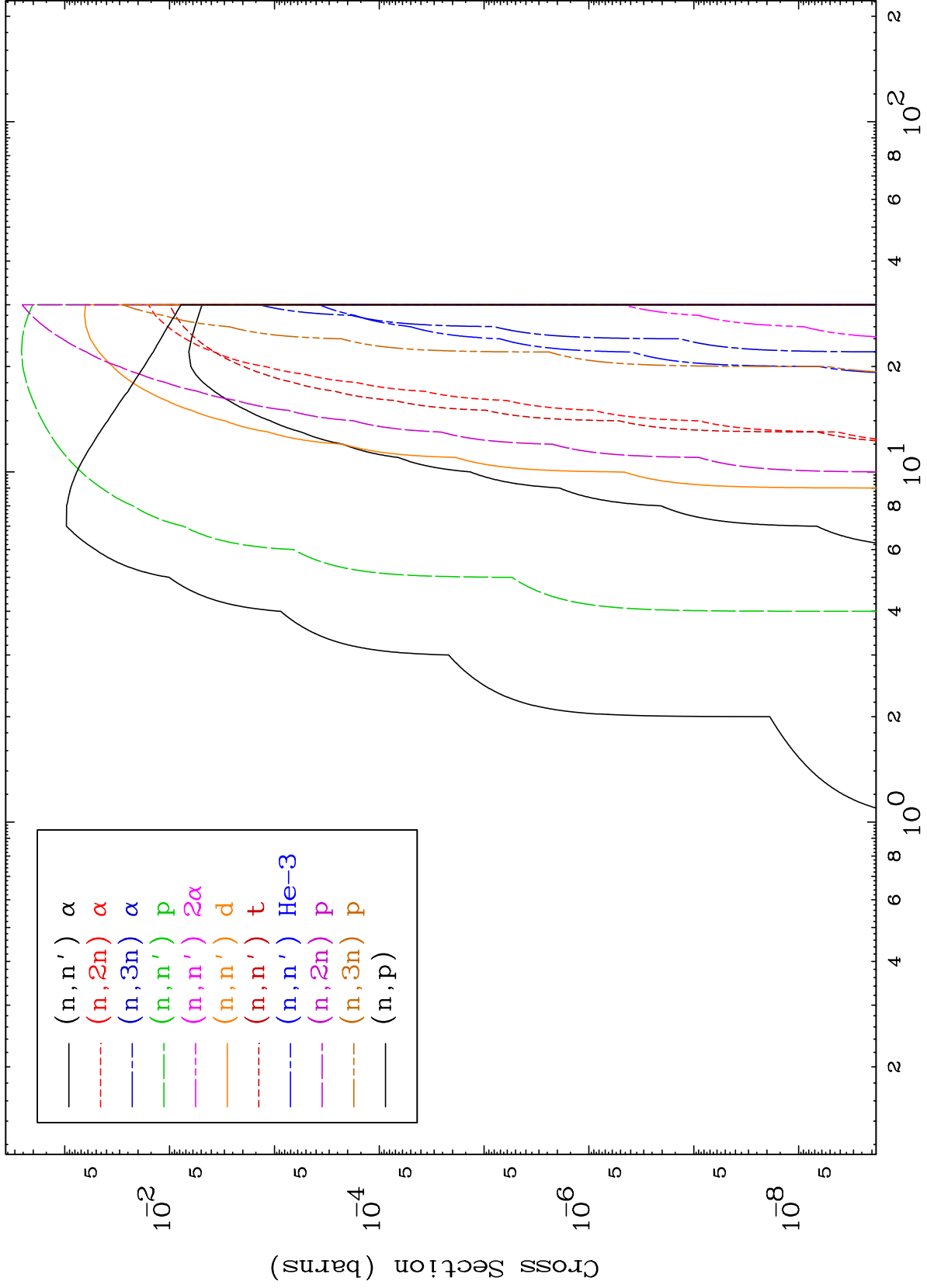
MAT 4852

Deuteron Neutron Absorption
0 Kelvin Cross Sections

48-Cd-115



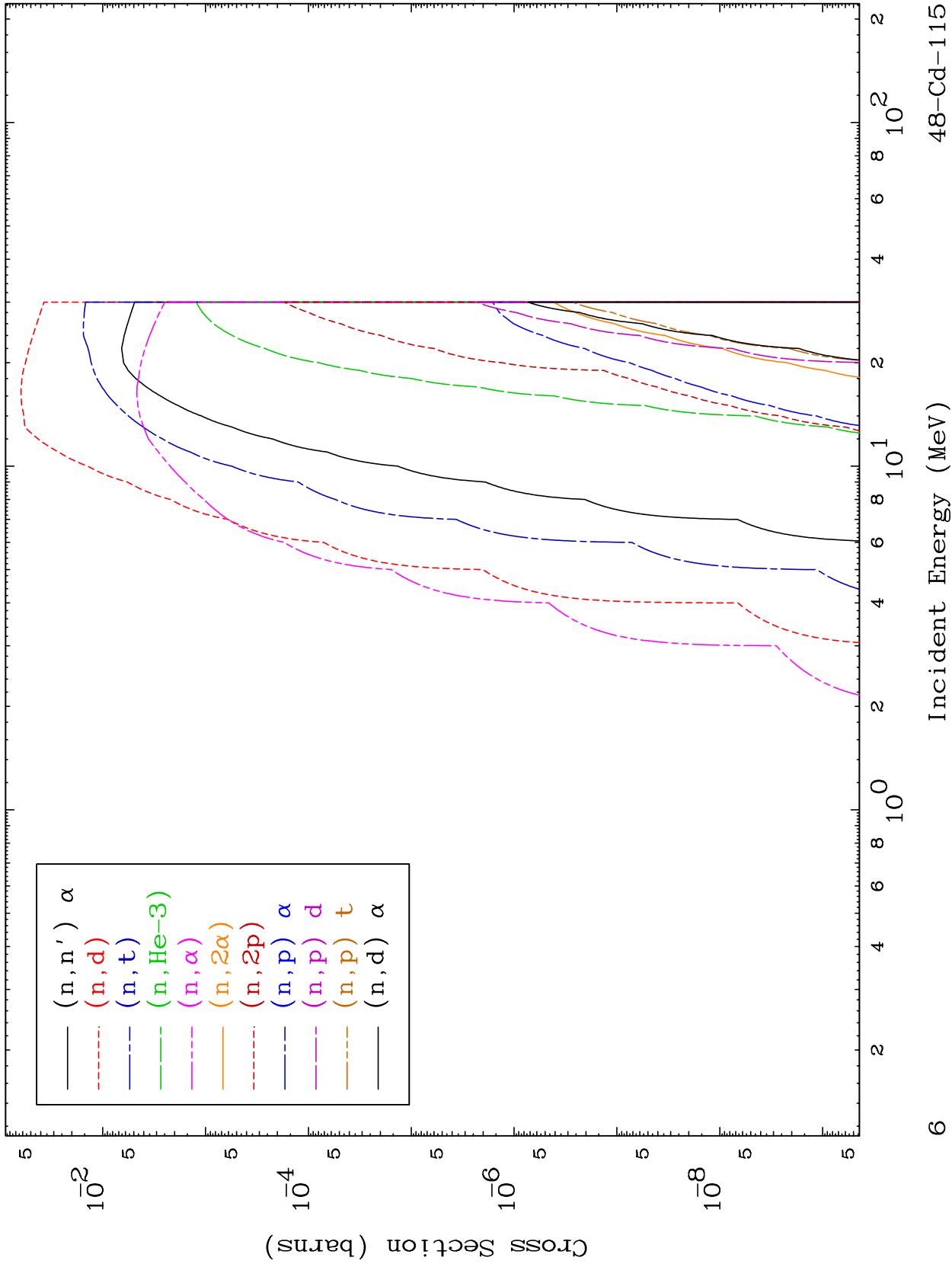




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Deuteron Charged Particle
0 Kelvin Cross Sections

48-Cd-115

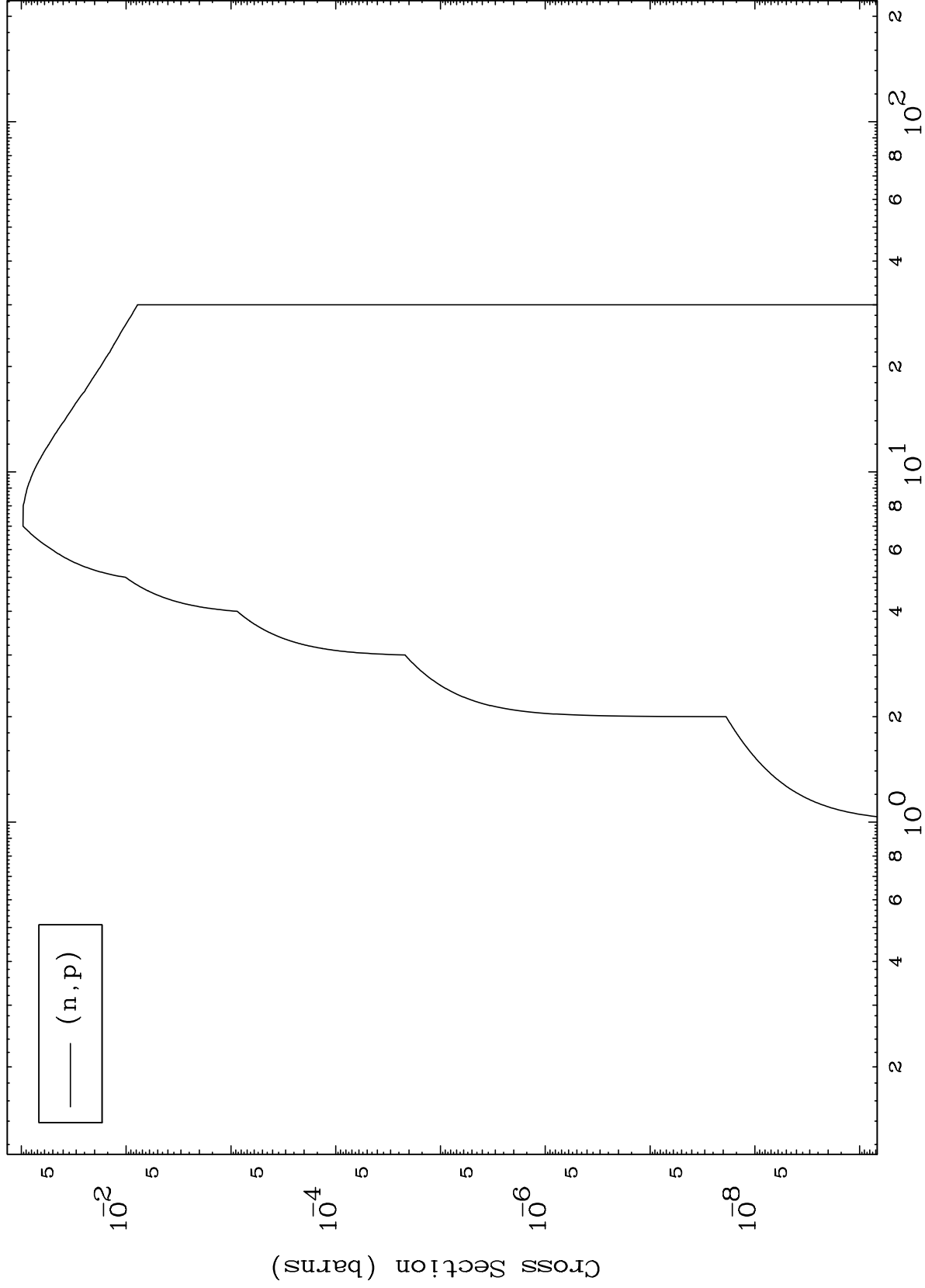


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(d,p) Levels

48-Cd-115

0 Kelvin Cross Sections

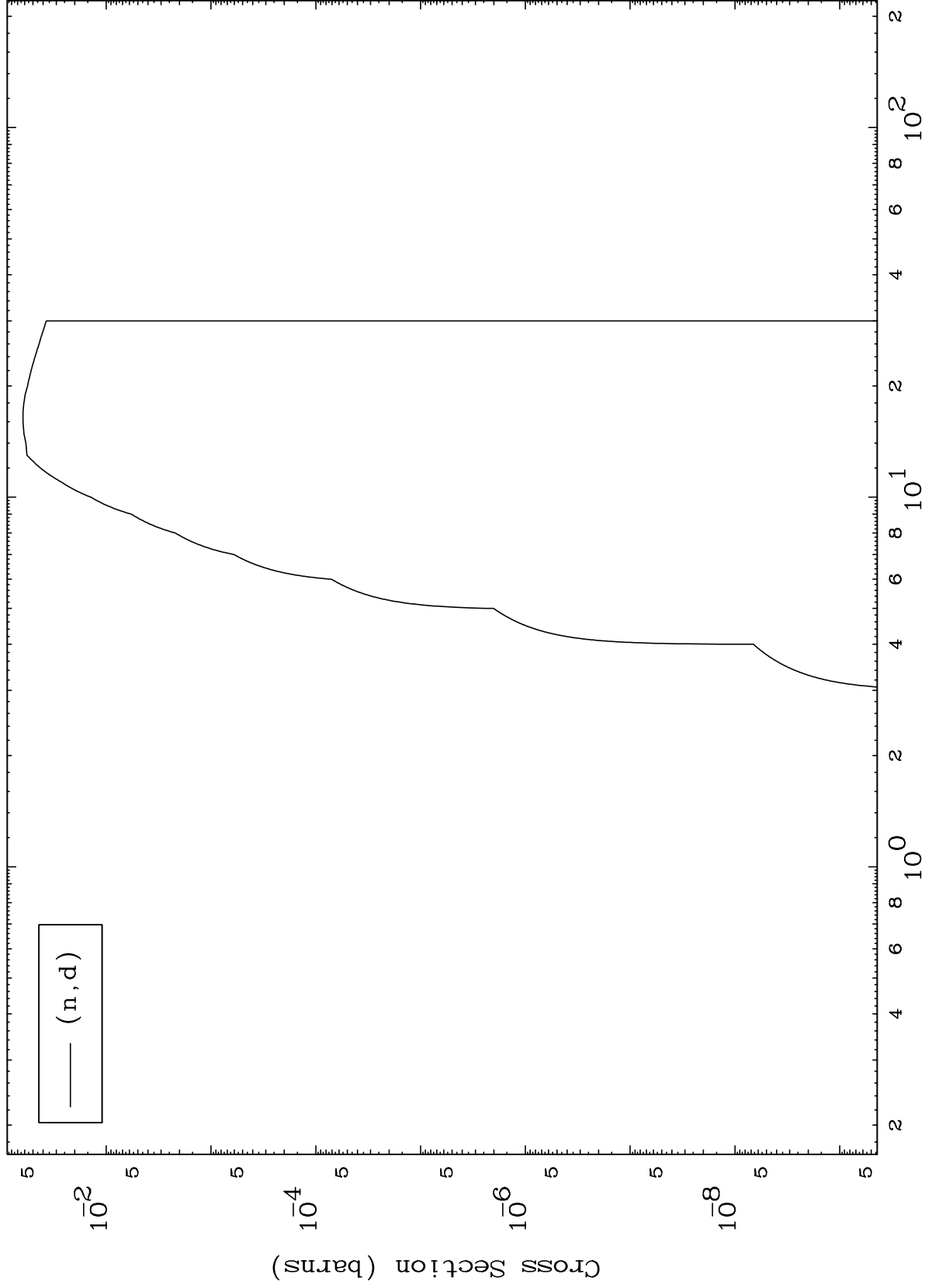


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(d,d) Levels

48-Cd-115

0 Kelvin Cross Sections



8

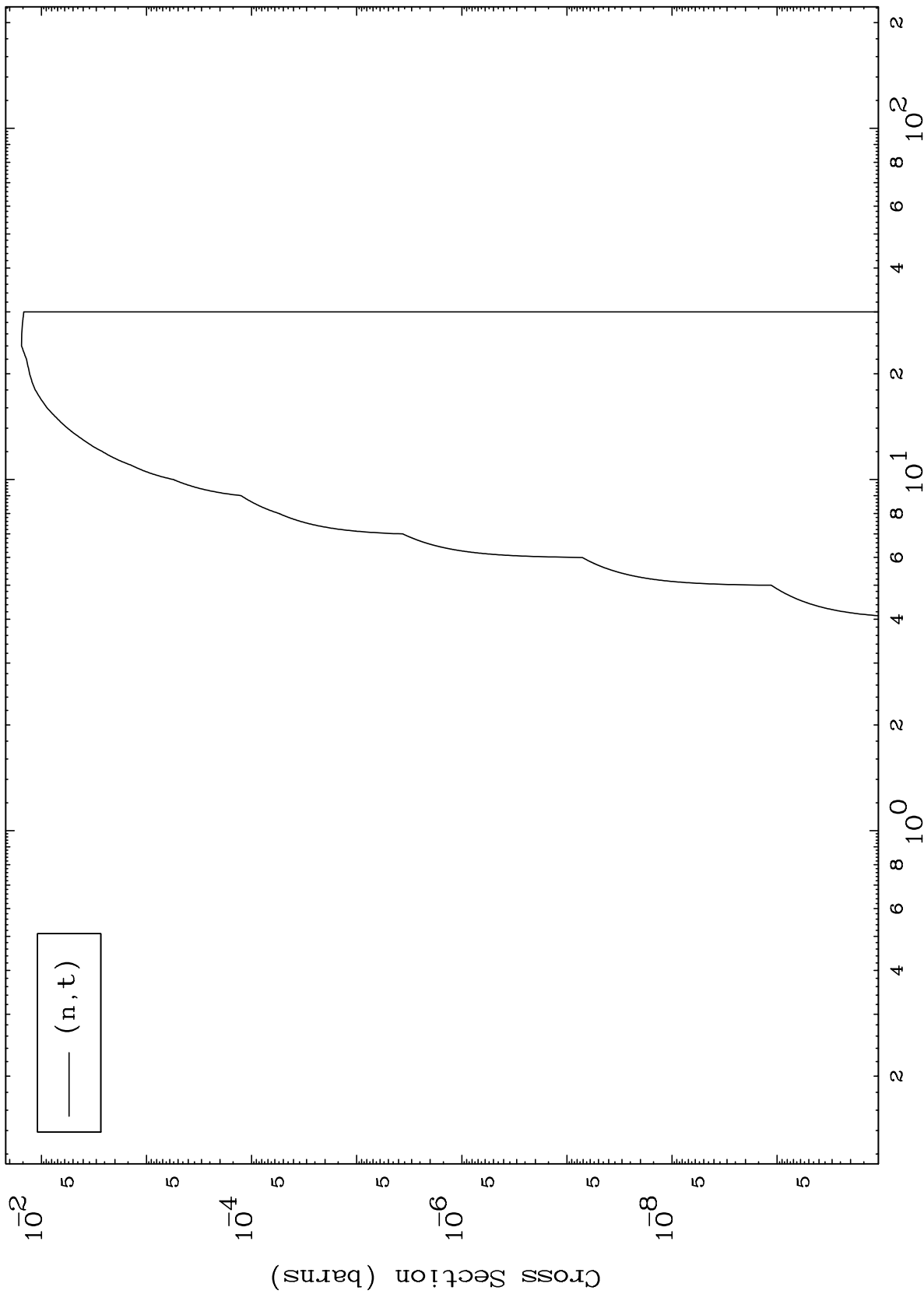
Incident Energy (MeV)

48-Cd-115

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48-Cd-115

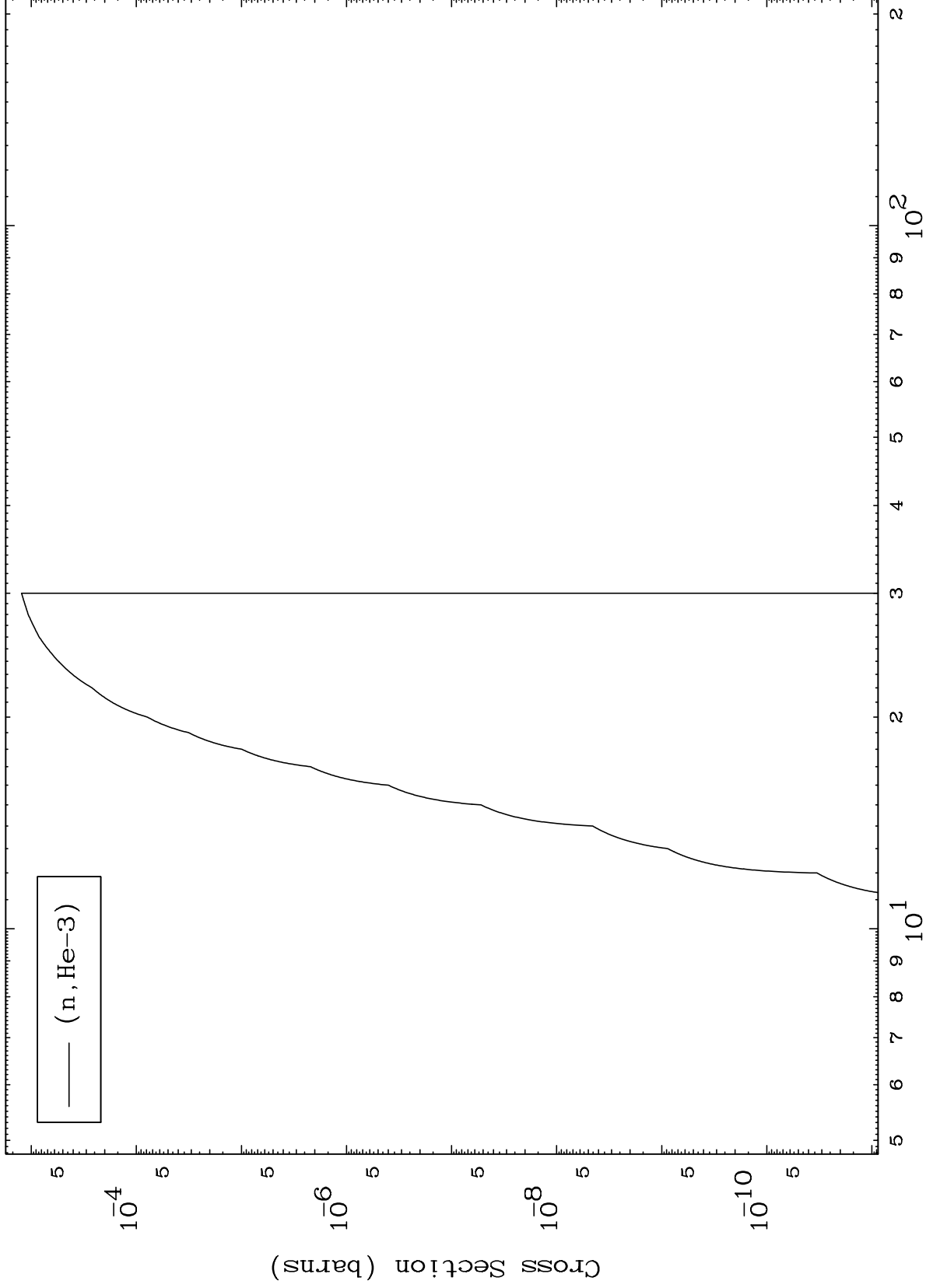
(d,t) Levels
0 Kelvin Cross Sections



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(d,He3) Levels
0 Kelvin Cross Sections

48-Cd-115



10

Incident Energy (MeV)

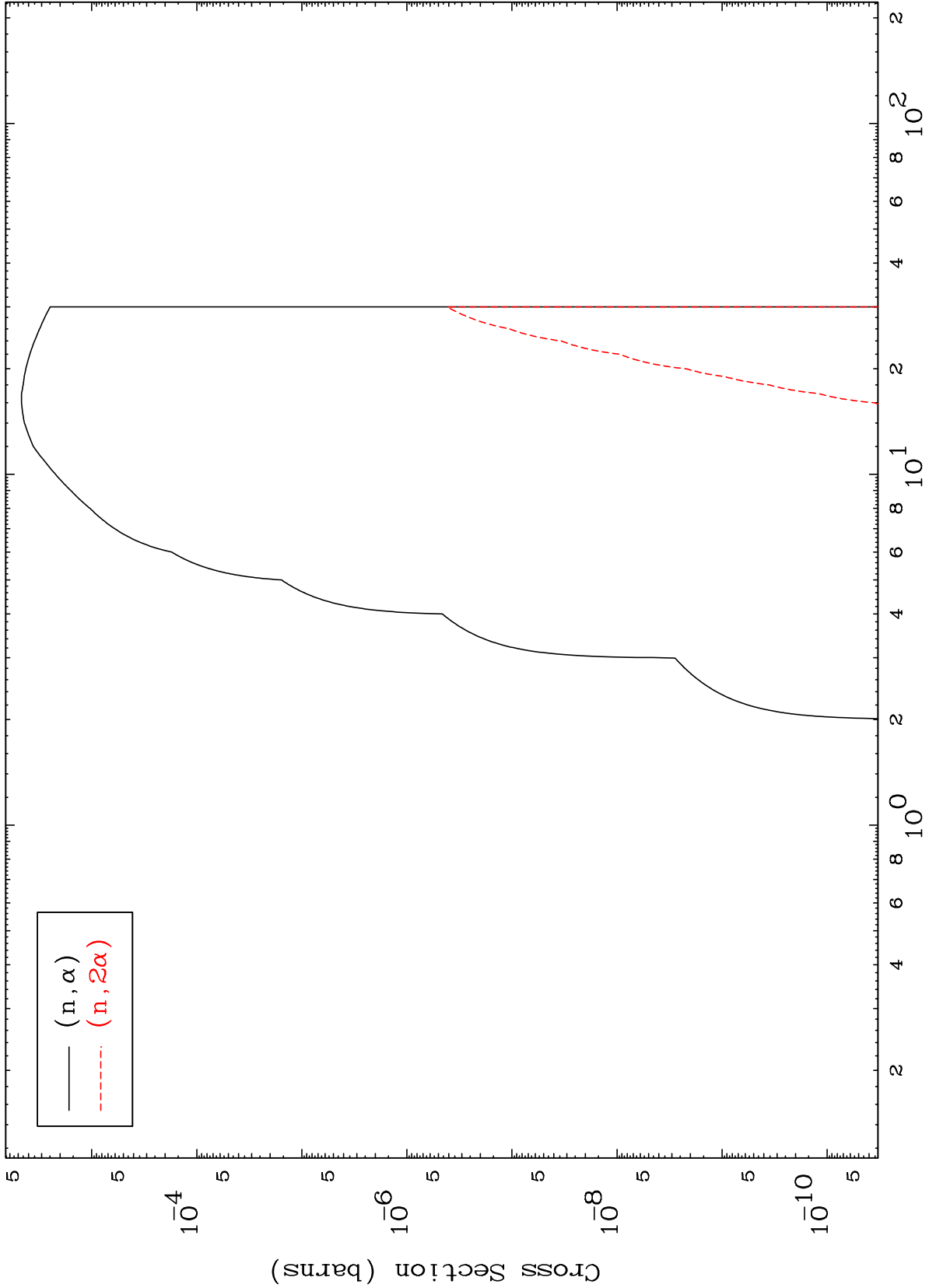
48-Cd-115

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(d, α) Levels

48-Cd-115

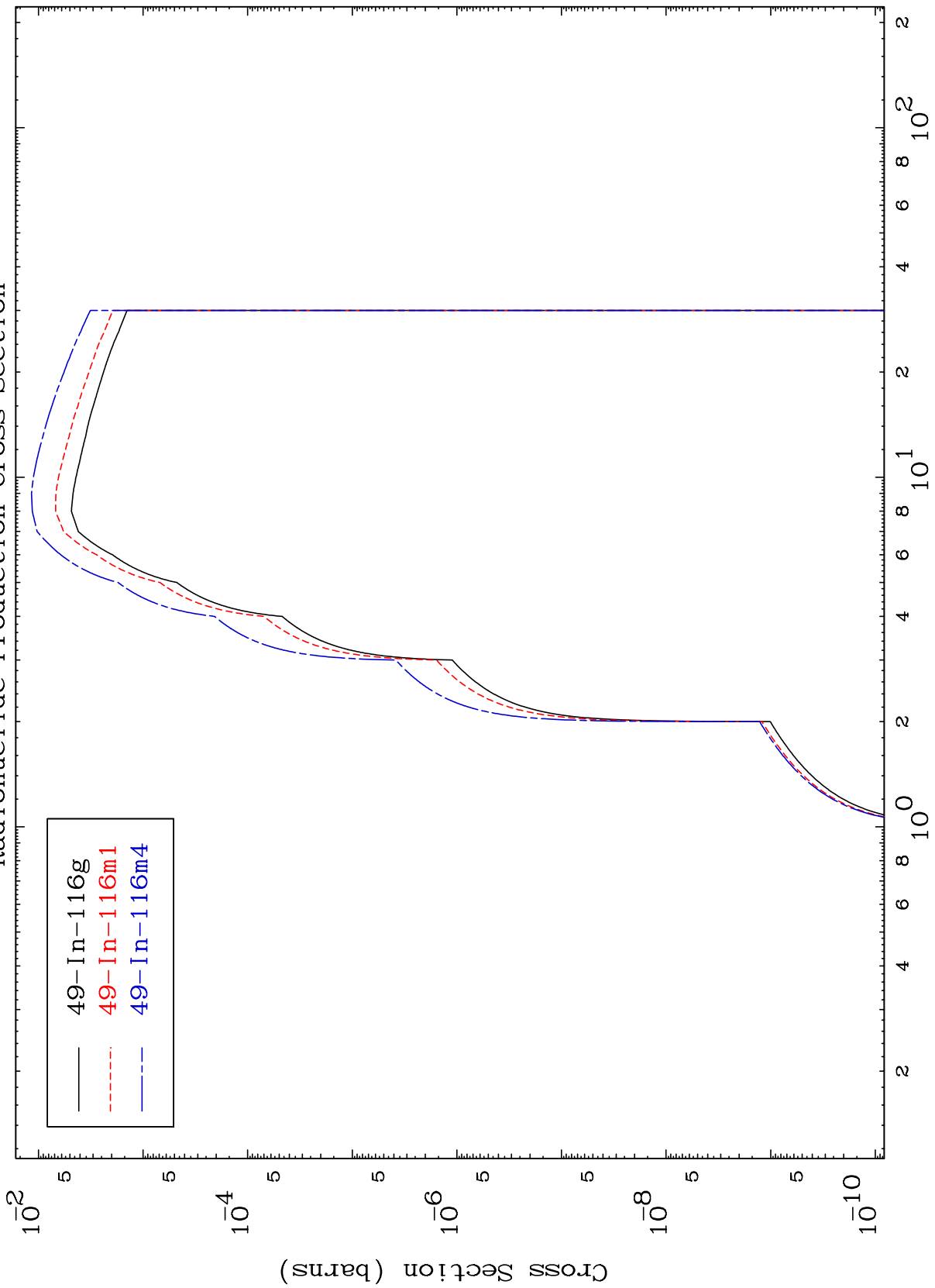
0 Kelvin Cross Sections



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48-Cd-115

Inelastic
Radionuclide Production Cross Section



49-In-116g
49-In-116m1
49-In-116m4

48-Cd-115

Incident Energy (MeV)

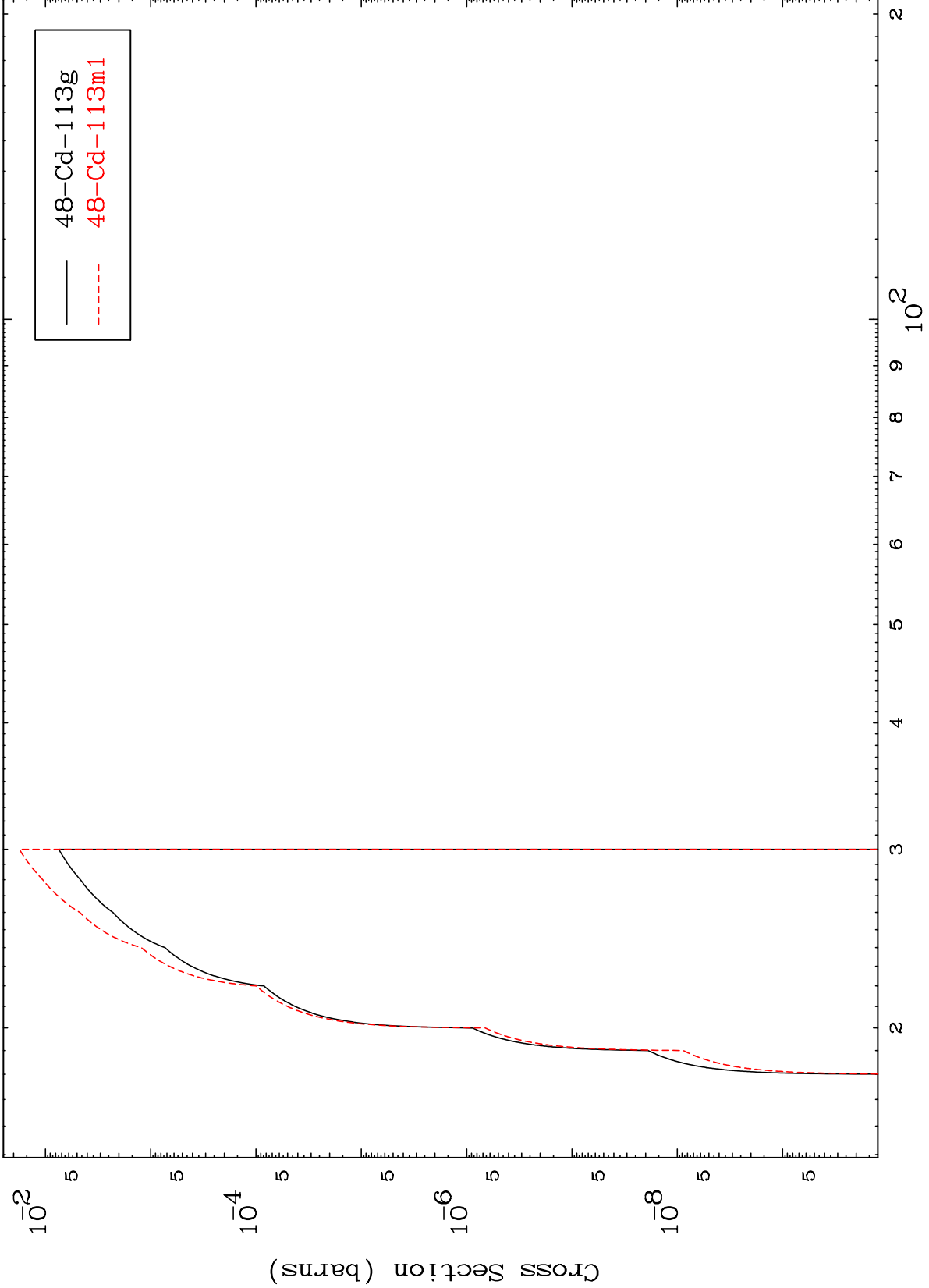
12

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(n,2n) d

48-Cd-115

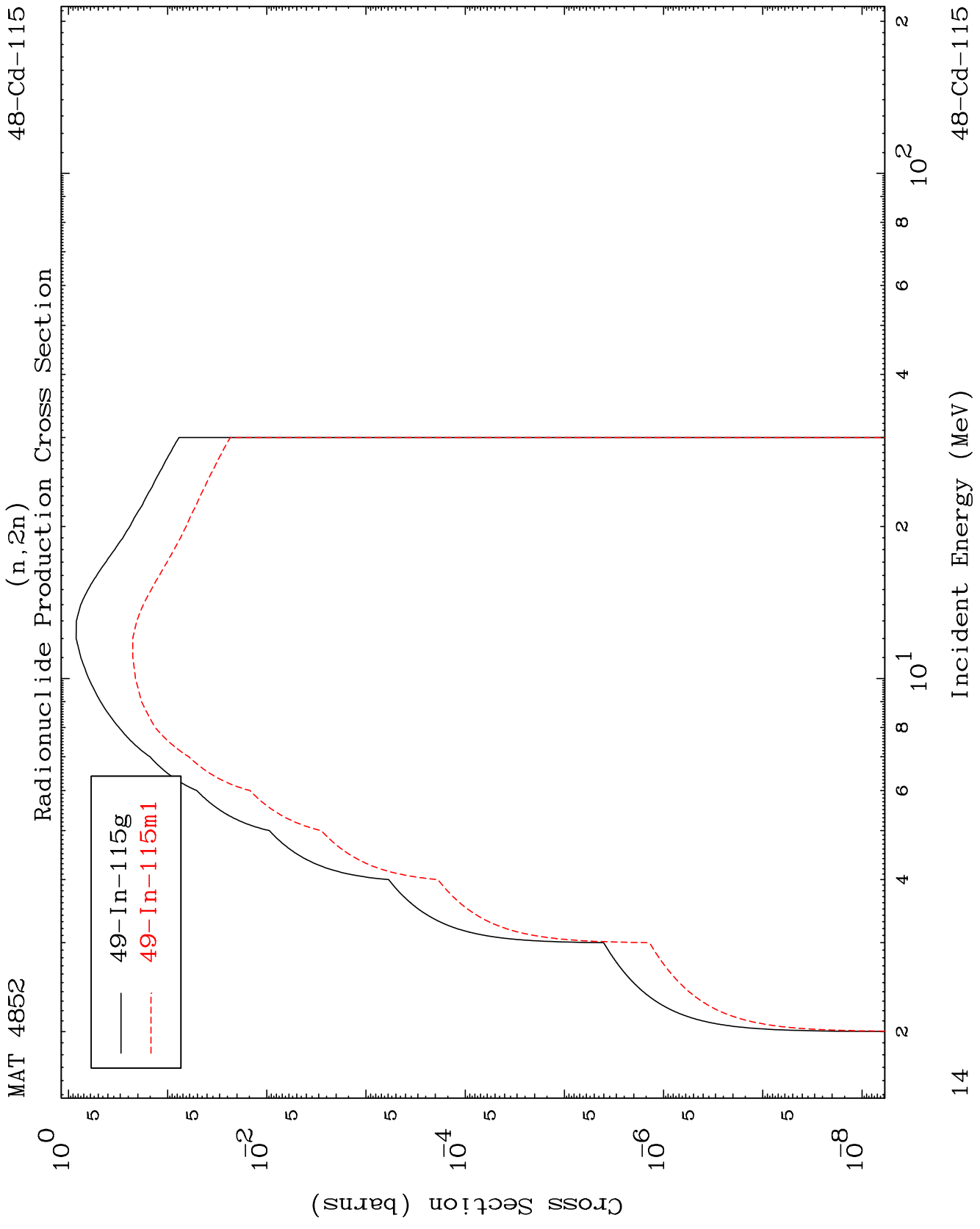
Radionuclide Production Cross Section



13

Incident Energy (MeV)

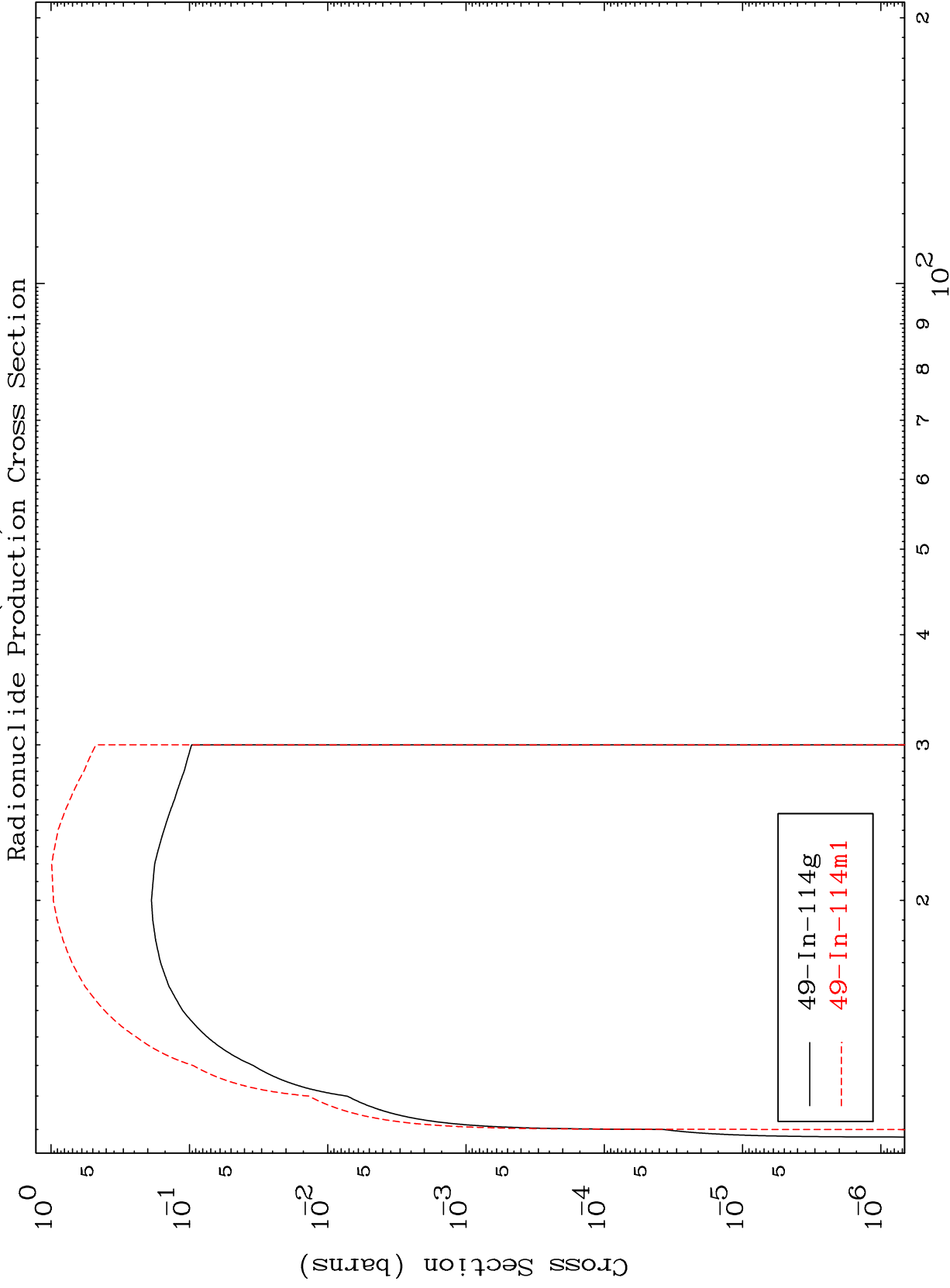
48-Cd-115



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(n,3n)

48-Cd-115



15

Incident Energy (MeV)

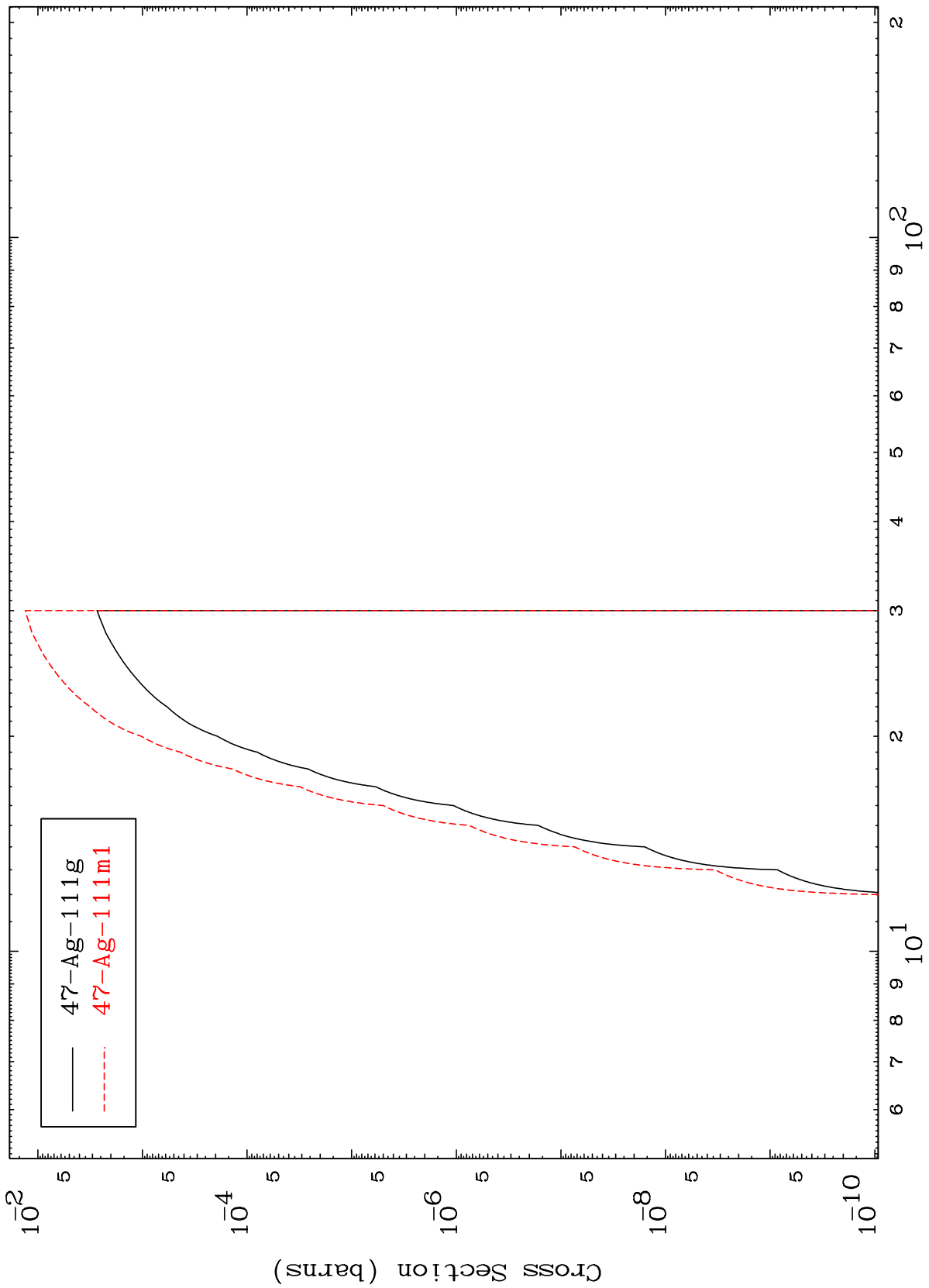
48-Cd-115

MAT 4852

(n,2n) α

48-Cd-115

Radionuclide Production Cross Section



16

Incident Energy (MeV)

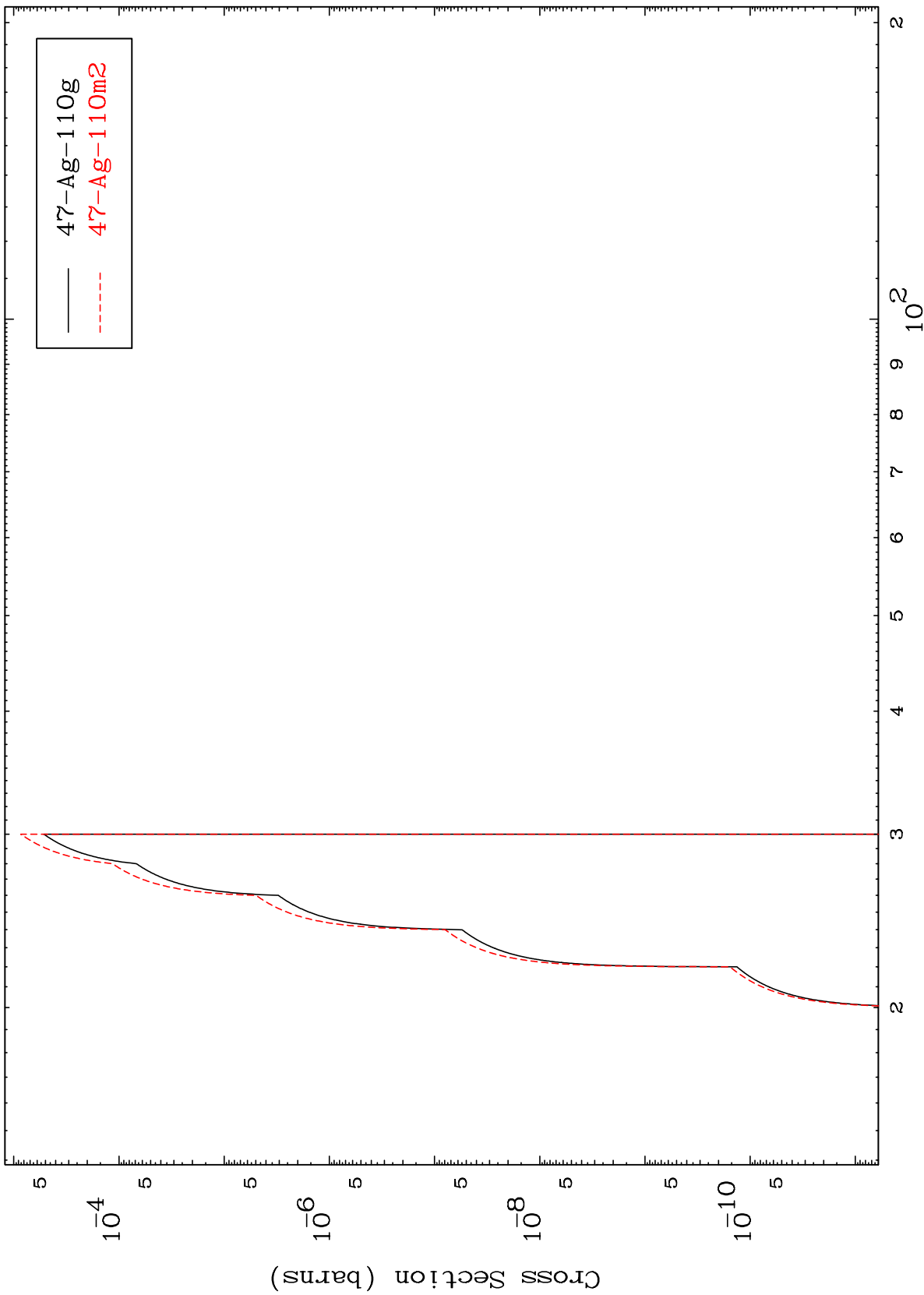
48-Cd-115

MAT 4852

(n,3n) α

48-Cd-115

Radionuclide Production Cross Section



17

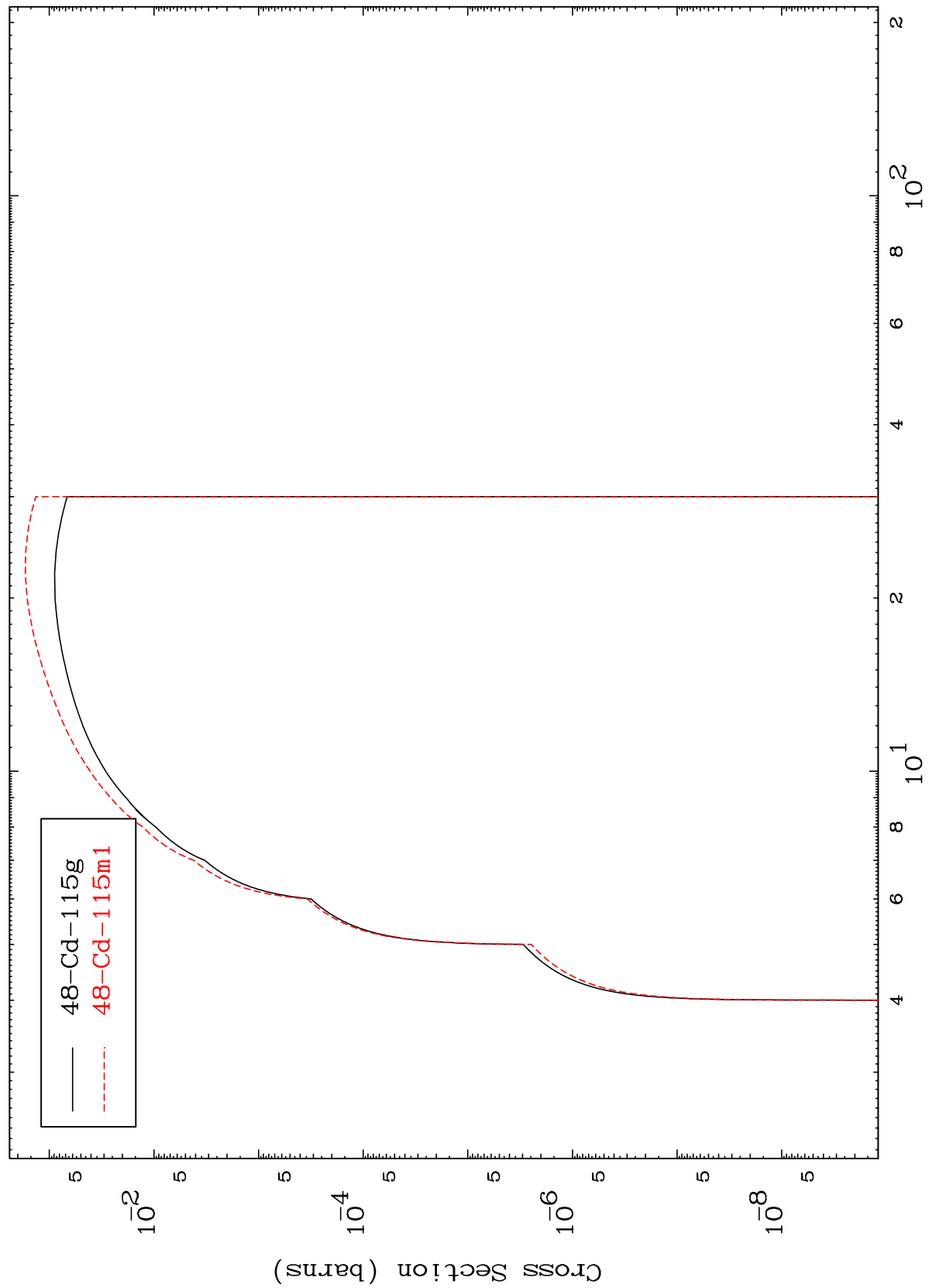
Incident Energy (MeV)

48-Cd-115

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48-Cd-115

(n,n') p
Radionuclide Production Cross Section



18

48-Cd-115

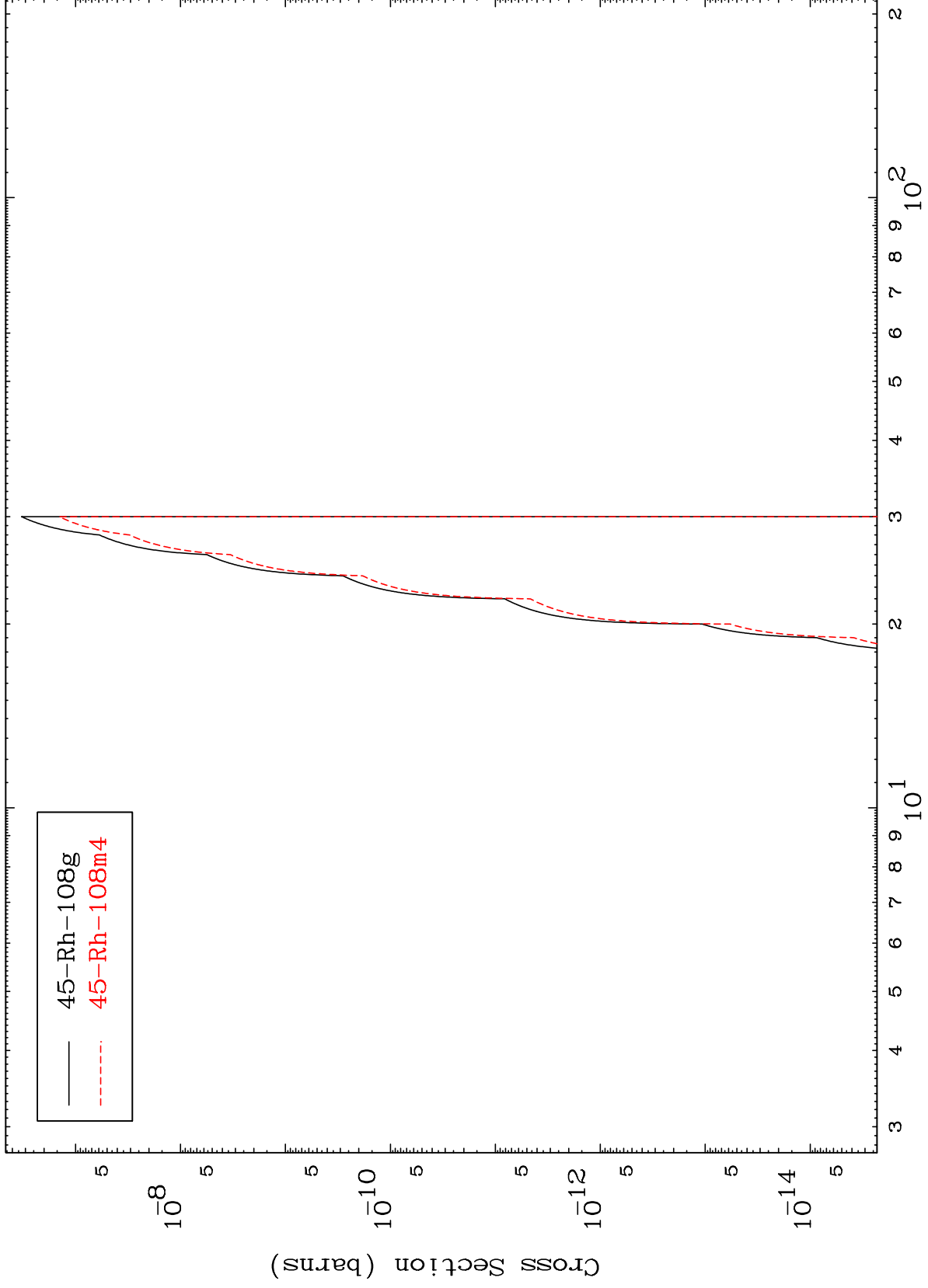
Incident Energy (MeV)

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(n,n') 2α

48-Cd-115

Radionuclide Production Cross Section



— 45-Rh-108g
- - - 45-Rh-108m4

19

Incident Energy (MeV)

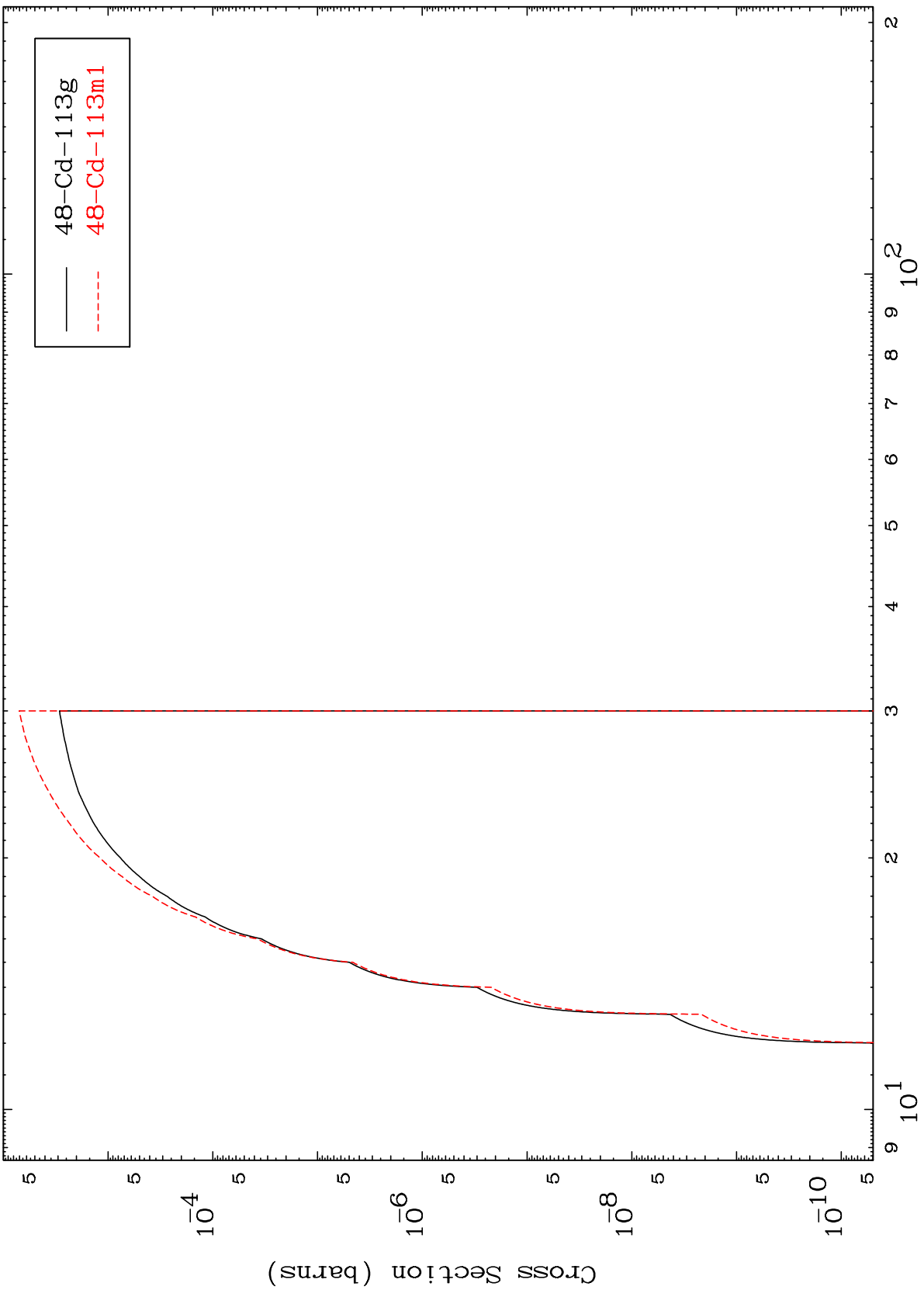
48-Cd-115

MAT 4852

(n,n') t

48-Cd-115

Radionuclide Production Cross Section



20

Incident Energy (MeV)

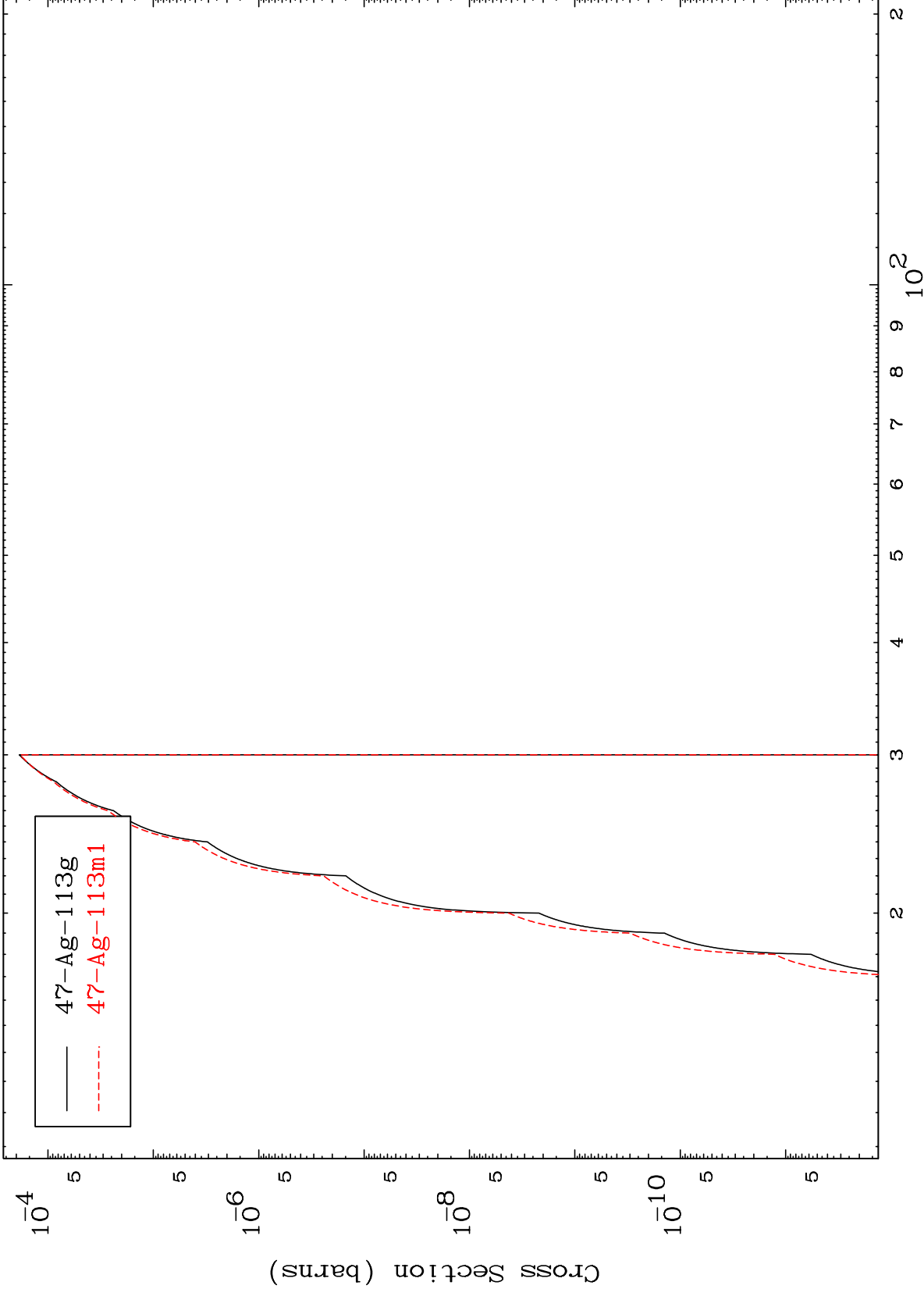
48-Cd-115

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(n,n') He-3

48-Cd-115

Radionuclide Production Cross Section

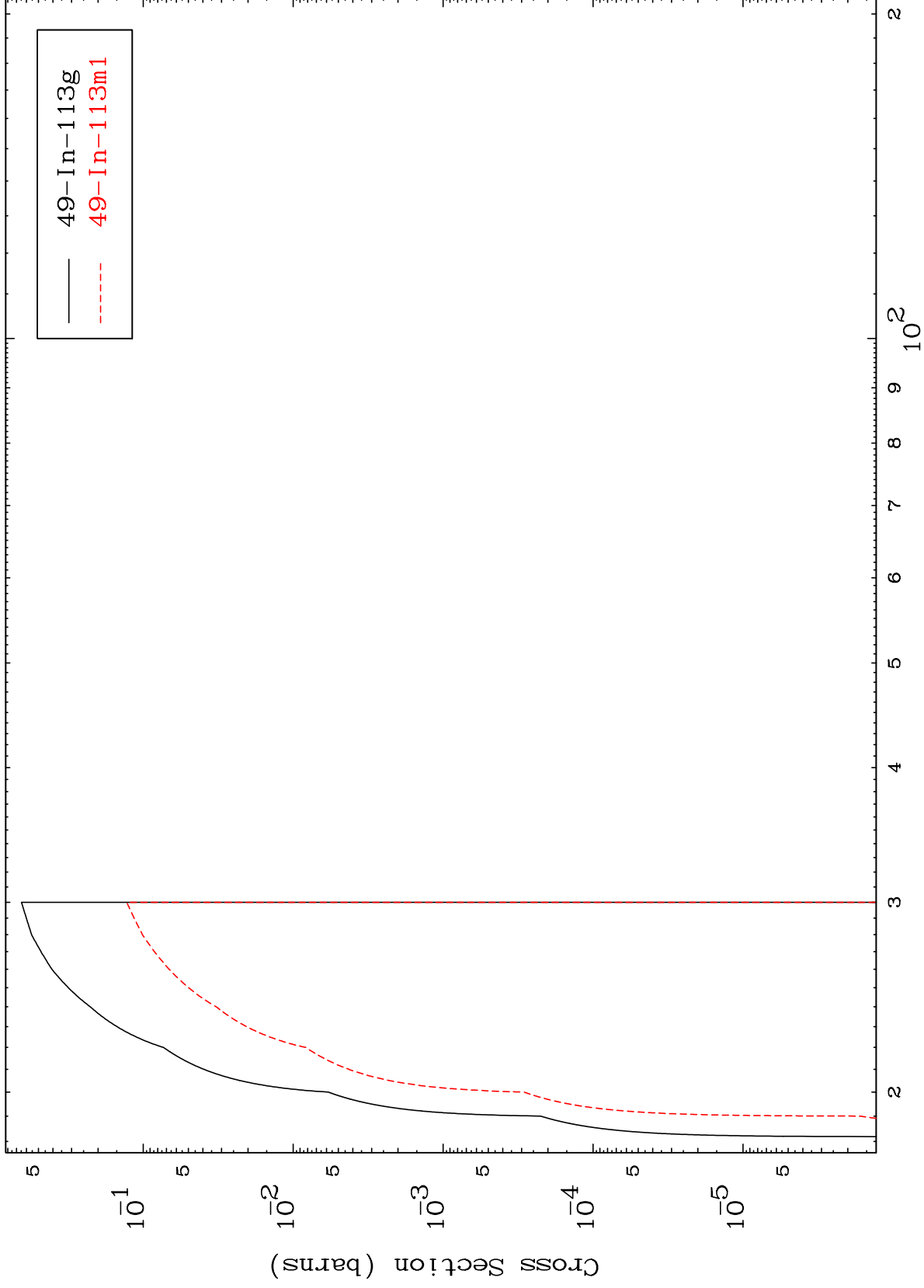


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(n,4n)

48-Cd-115

Radionuclide Production Cross Section



22

Incident Energy (MeV)

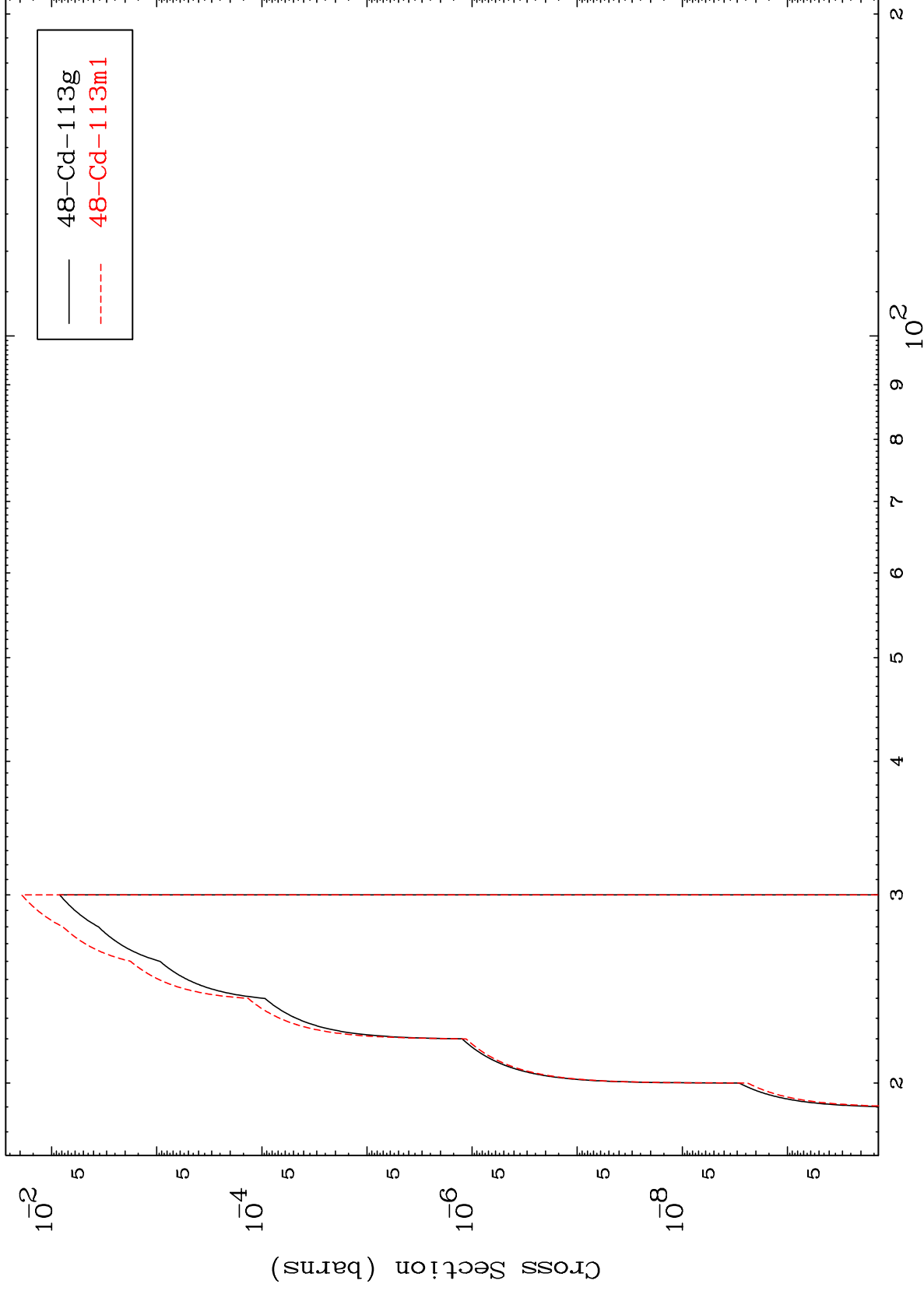
48-Cd-115

MAT 4852

(n,3n) p

48-Cd-115

Radionuclide Production Cross Section



23

Incident Energy (MeV)

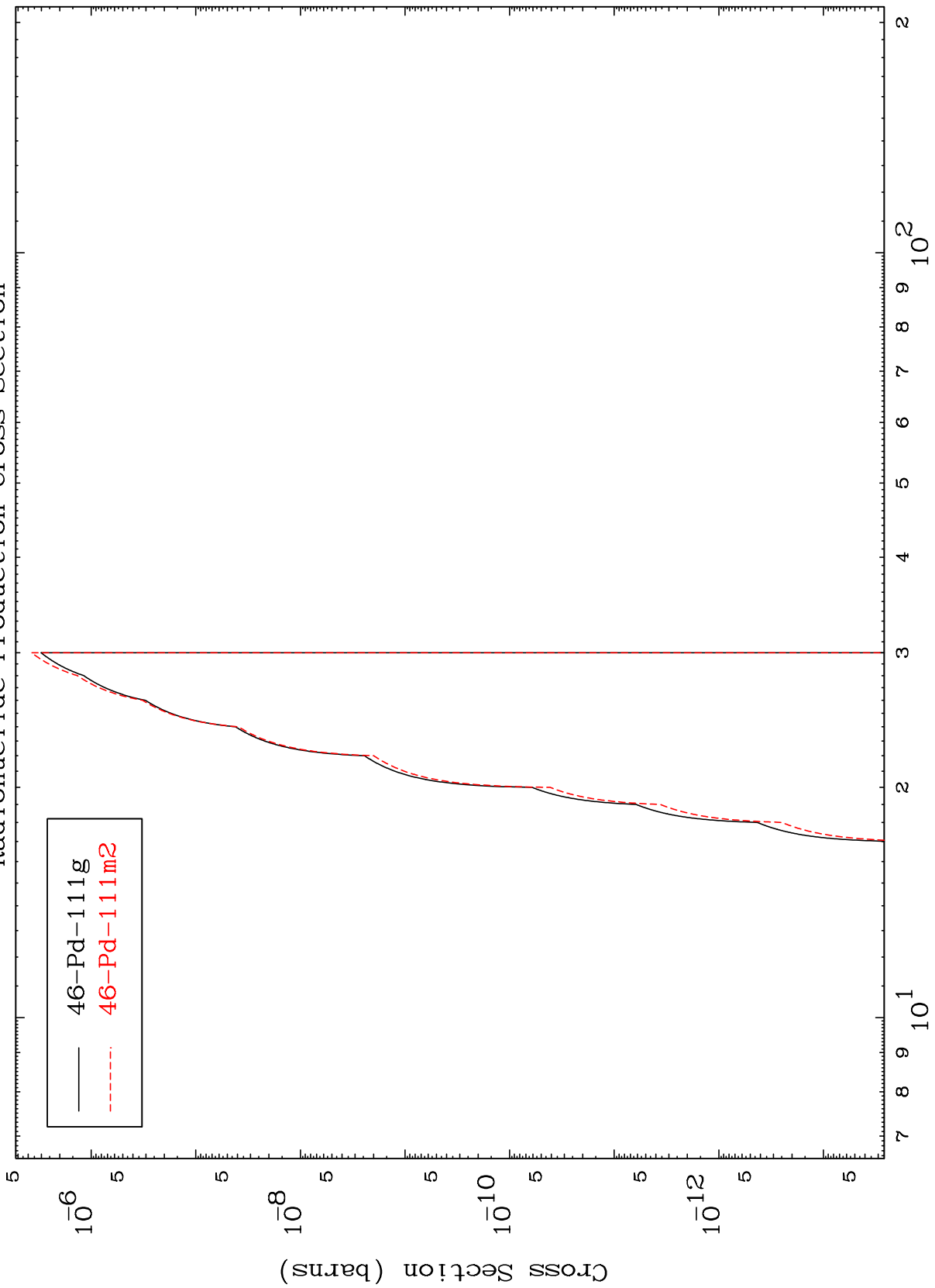
48-Cd-115

MAT 4852

(n,n') p α

48-Cd-115

Radionuclide Production Cross Section



24

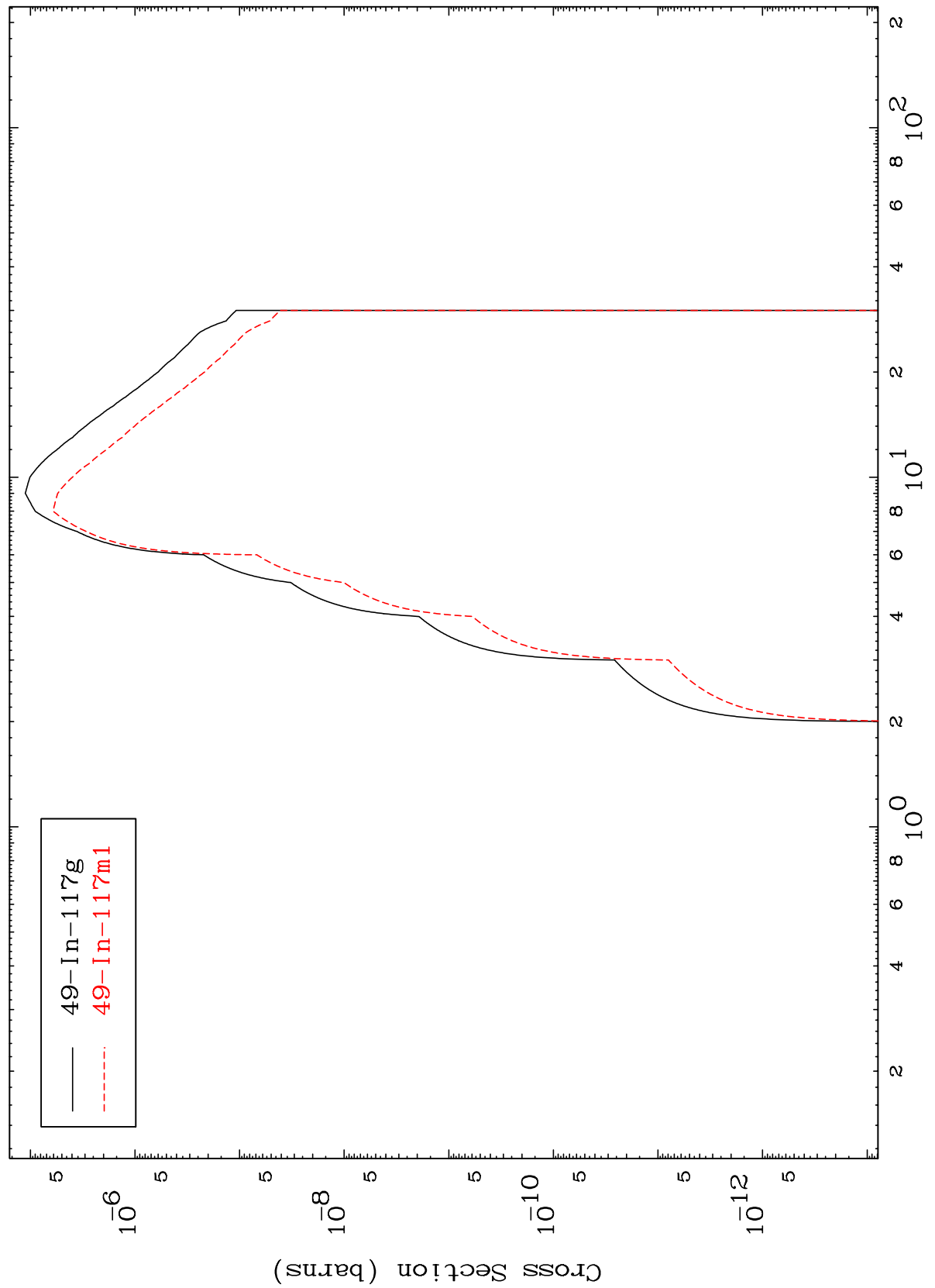
Incident Energy (MeV)

48-Cd-115

MAT 4852

48-Cd-115

(n,γ)
Radionuclide Production Cross Section

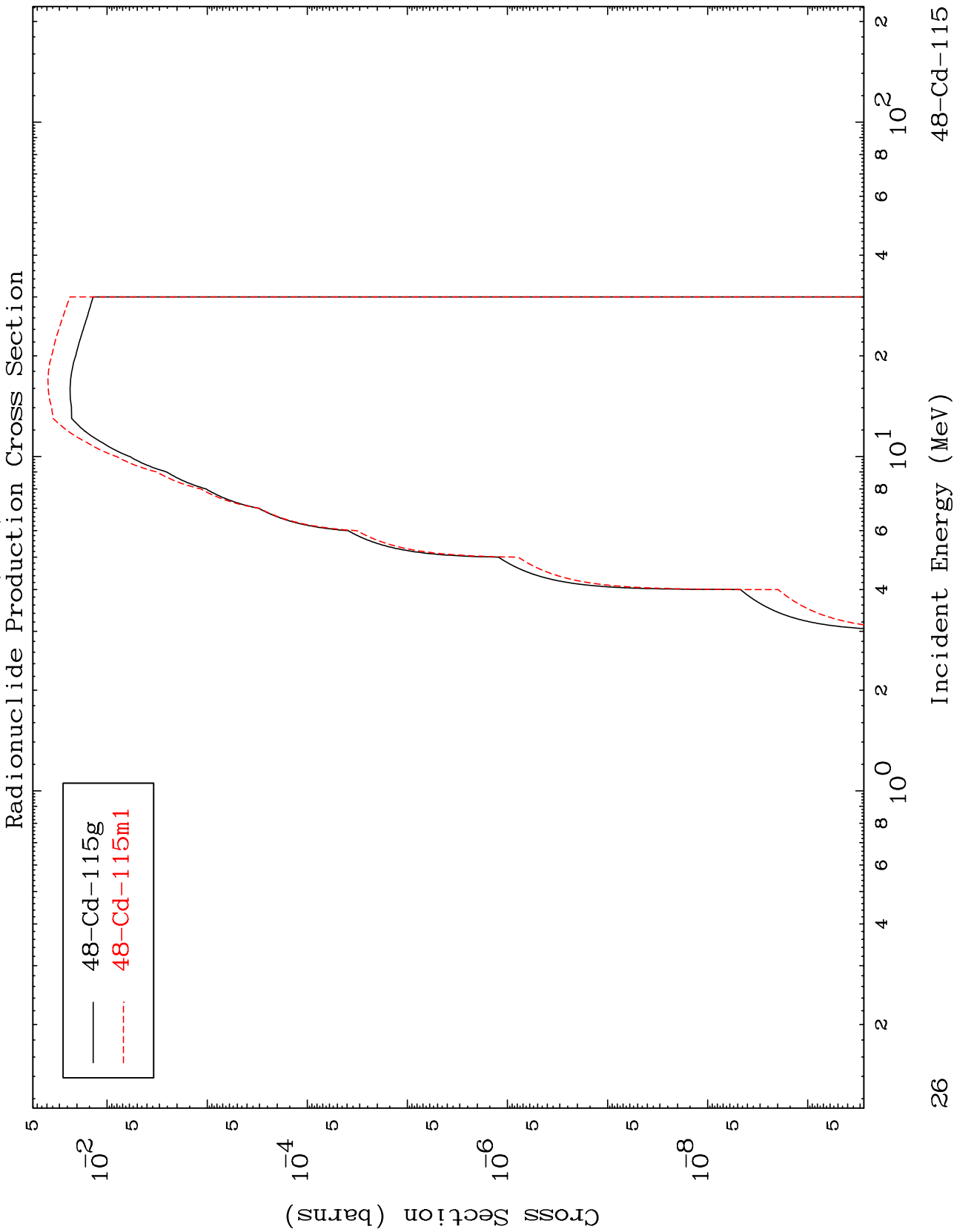


— 49-In-117g
- - - 49-In-117m1

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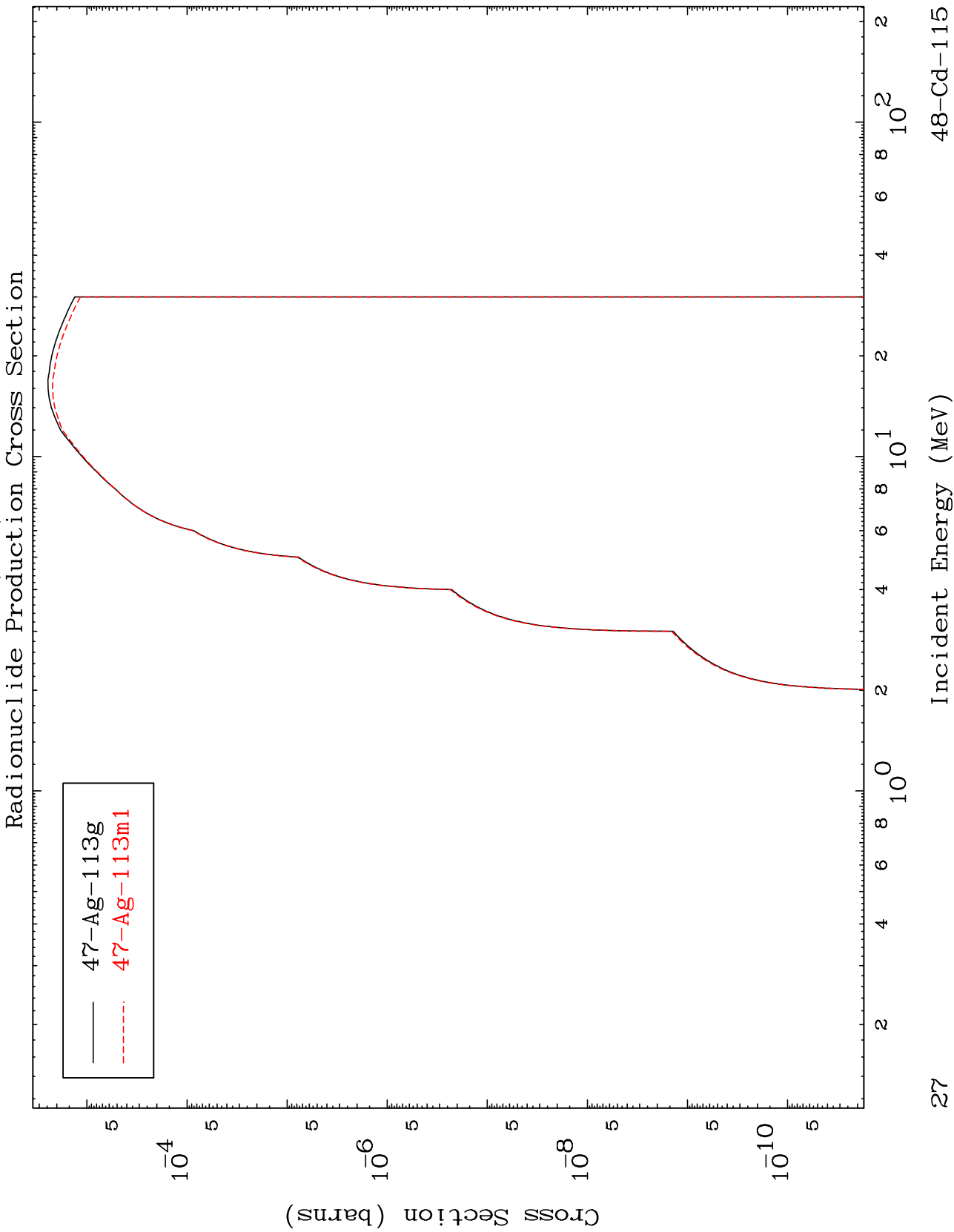
(n,d)

48-Cd-115



MAT 4852

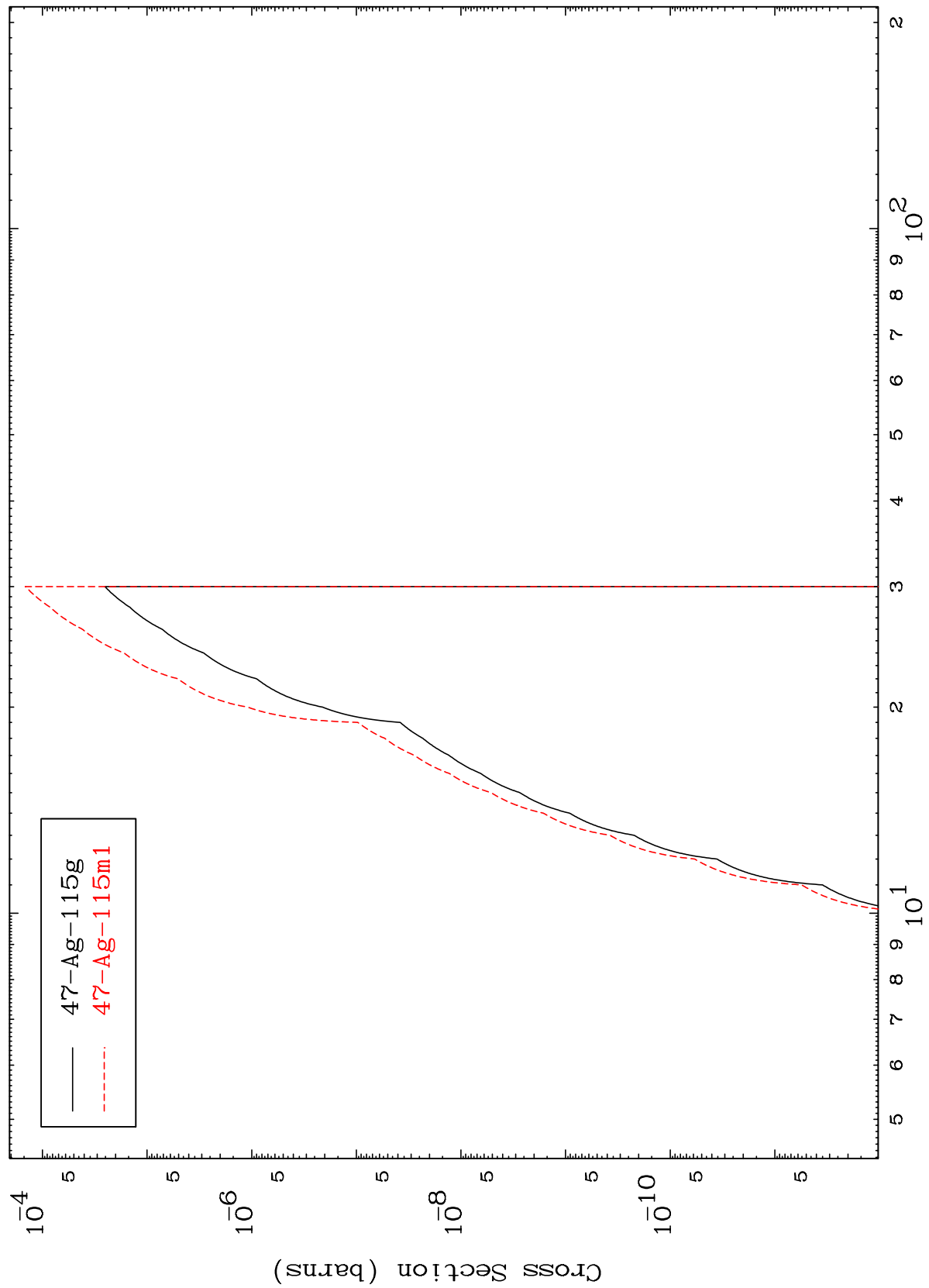
48-Cd-115



MAT 4852

48-Cd-115

(n,2p)
Radionuclide Production Cross Section



28

Incident Energy (MeV)

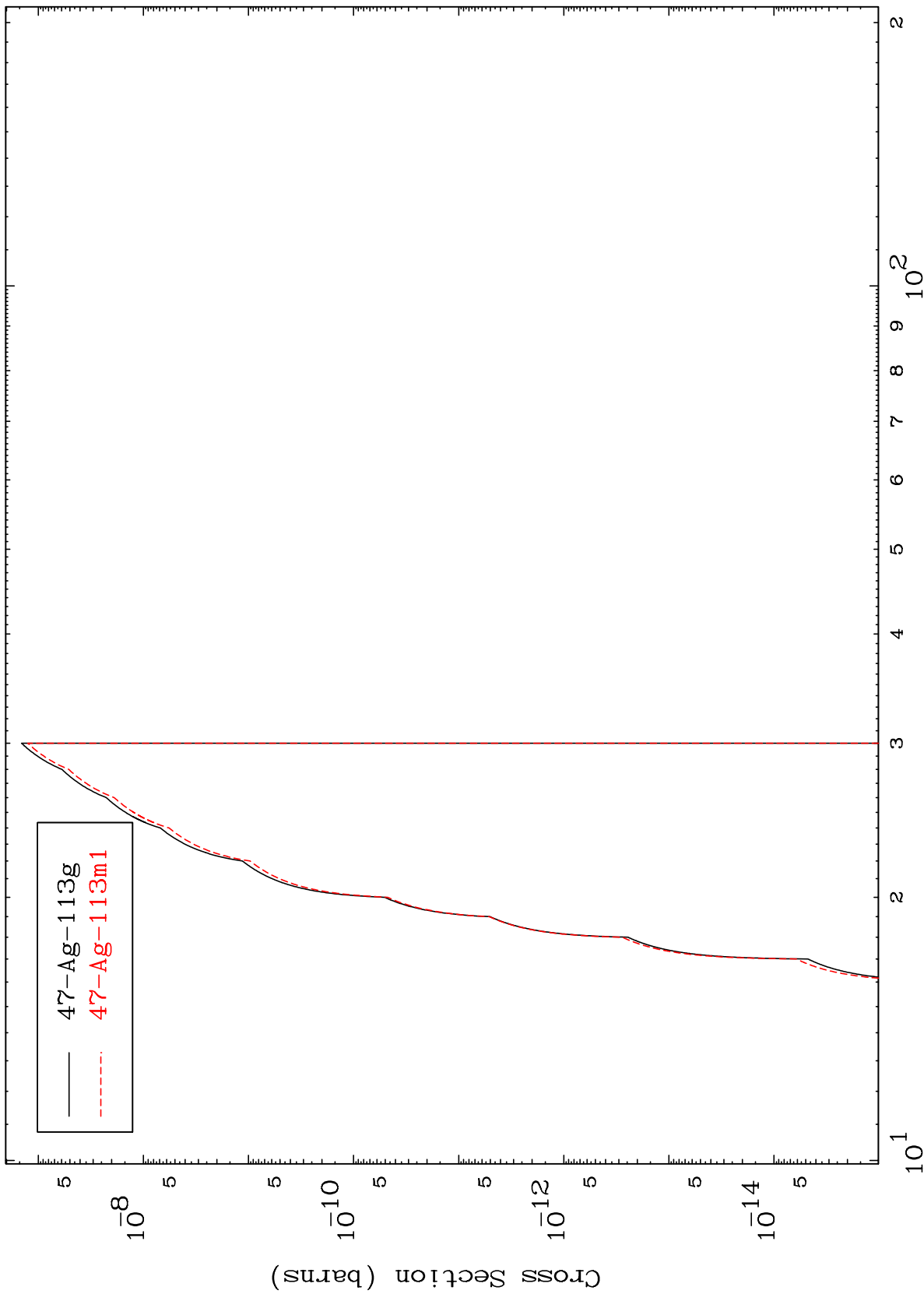
48-Cd-115

MAT 4852

(n,p) t

48-Cd-115

Radionuclide Production Cross Section



29

Incident Energy (MeV)

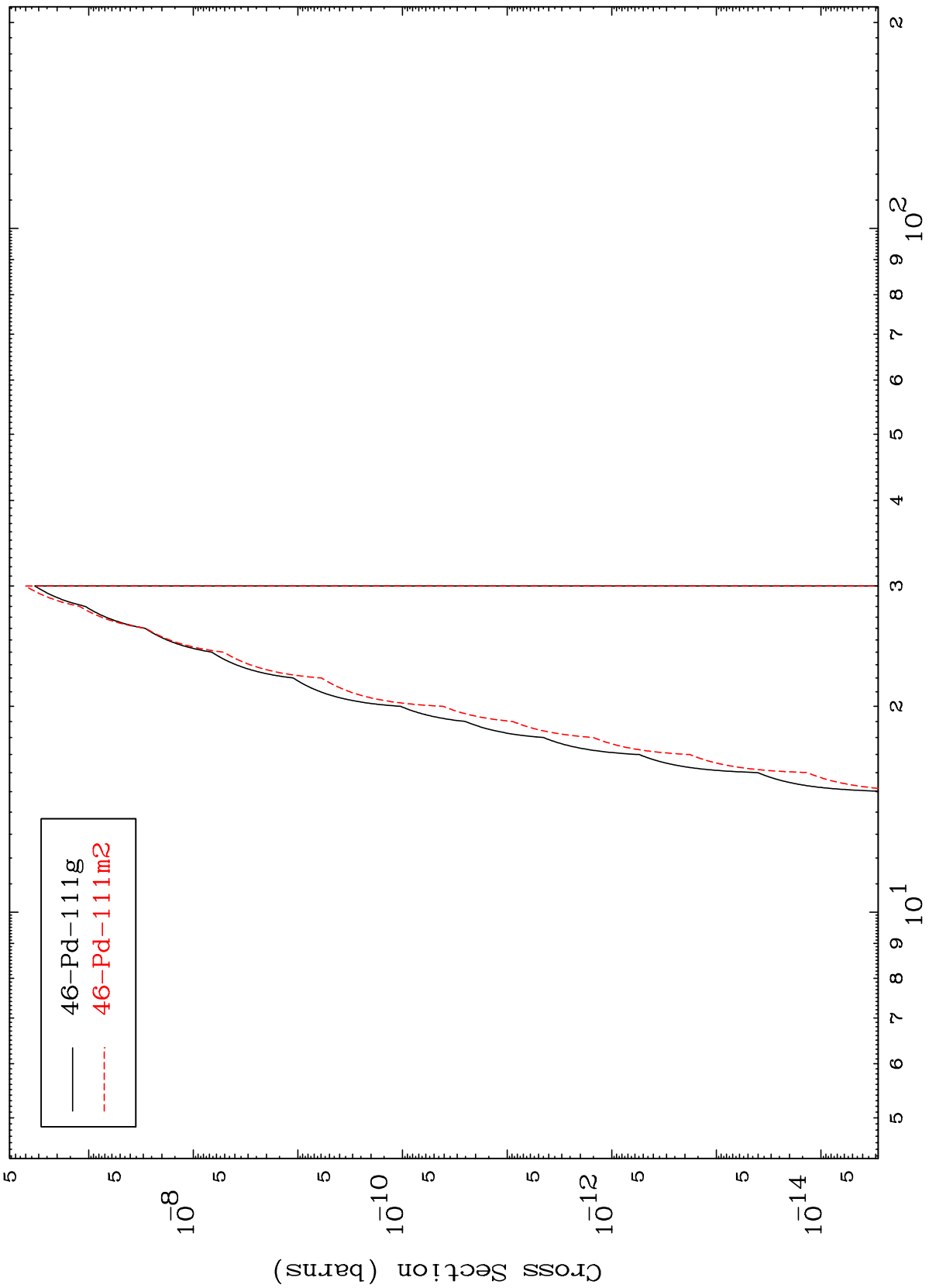
48-Cd-115

MAT 4852

(n,d) α

48-Cd-115

Radionuclide Production Cross Section



30

Incident Energy (MeV)

48-Cd-115