

Program EVALPLOT
(Version 2015-2)

by

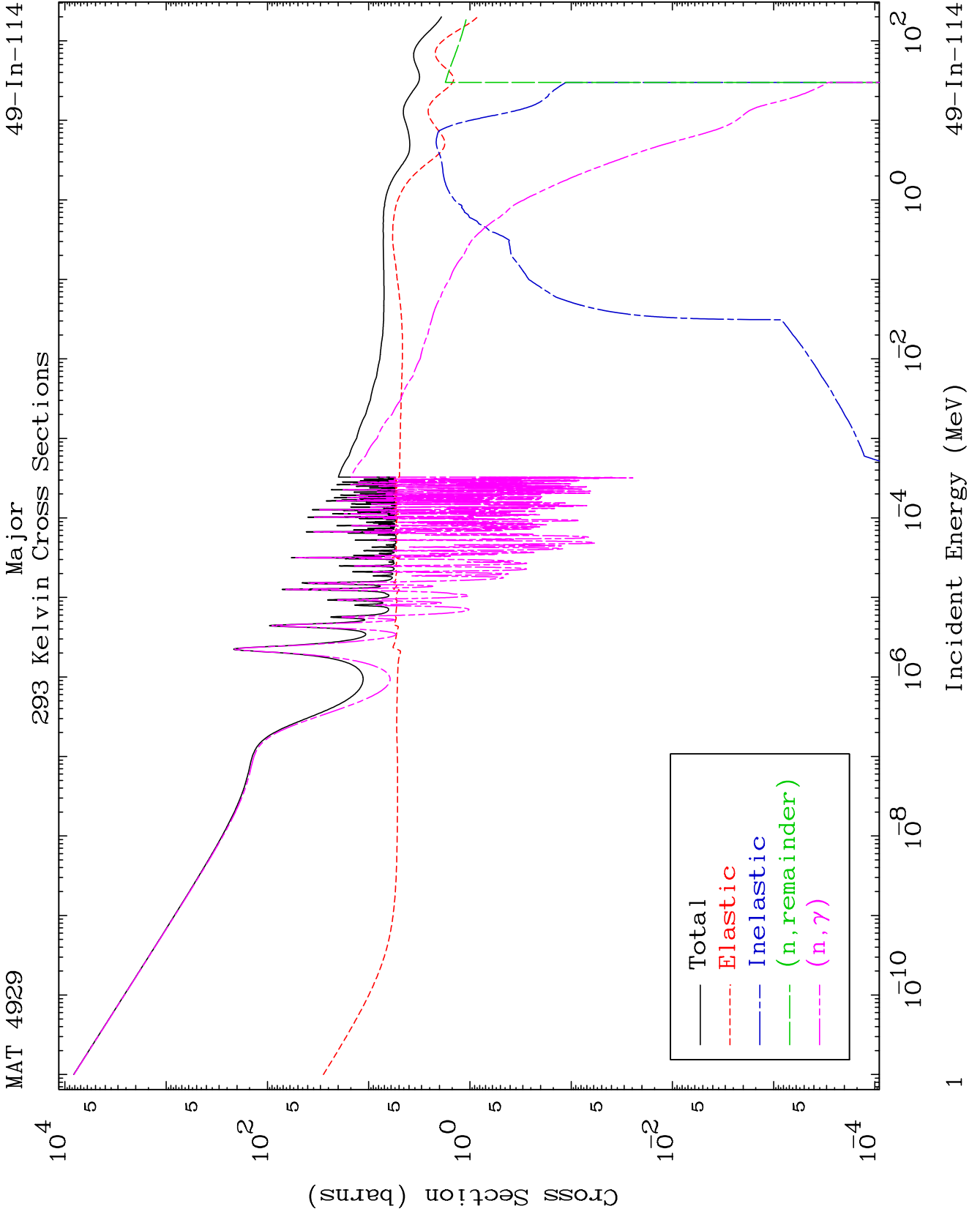
Dermott E. Cullen
(Present Contact Information)

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1466 Hudson Way
Livermore, CA 94550
U.S.A.

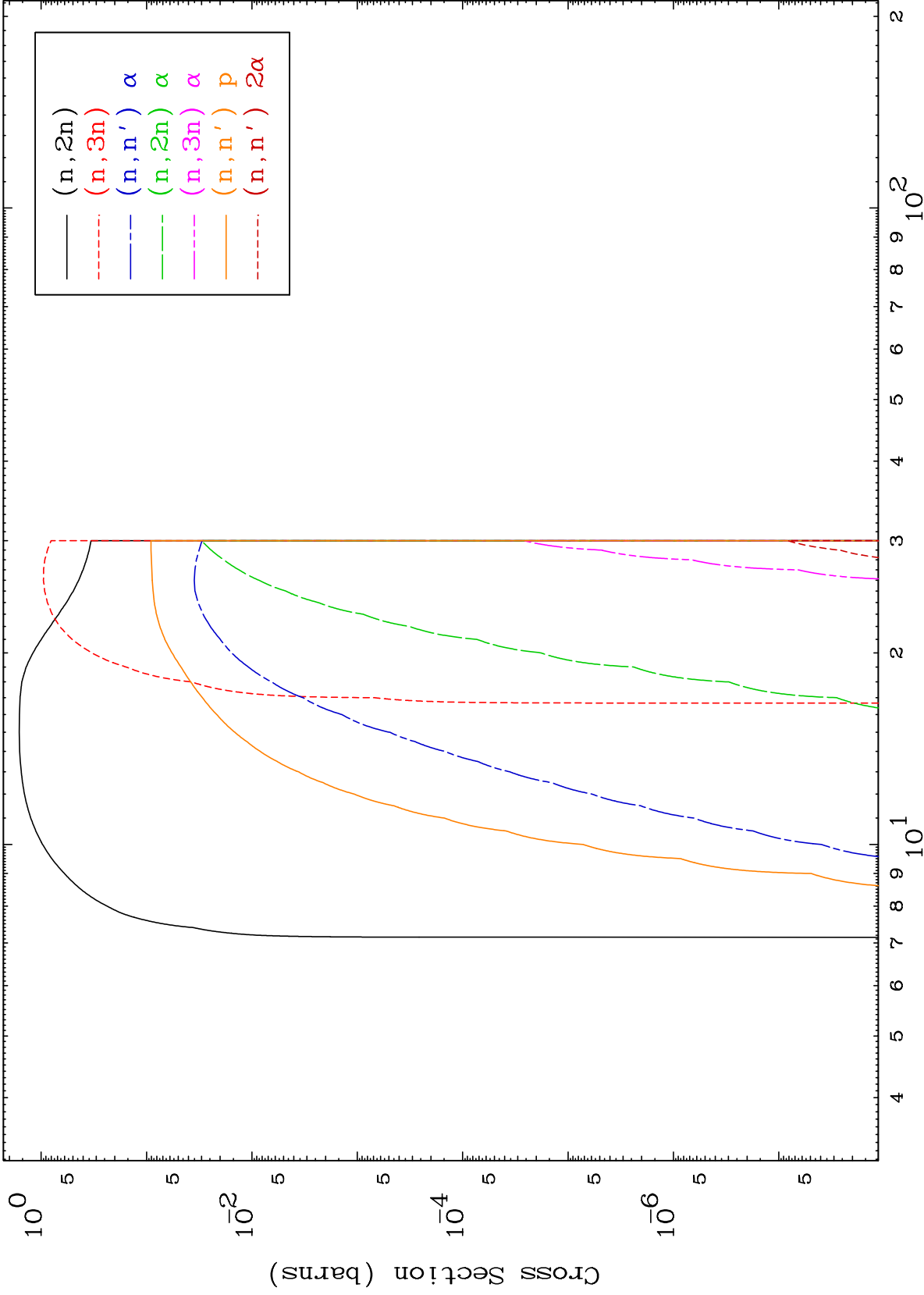
Tele: 925-443-1911

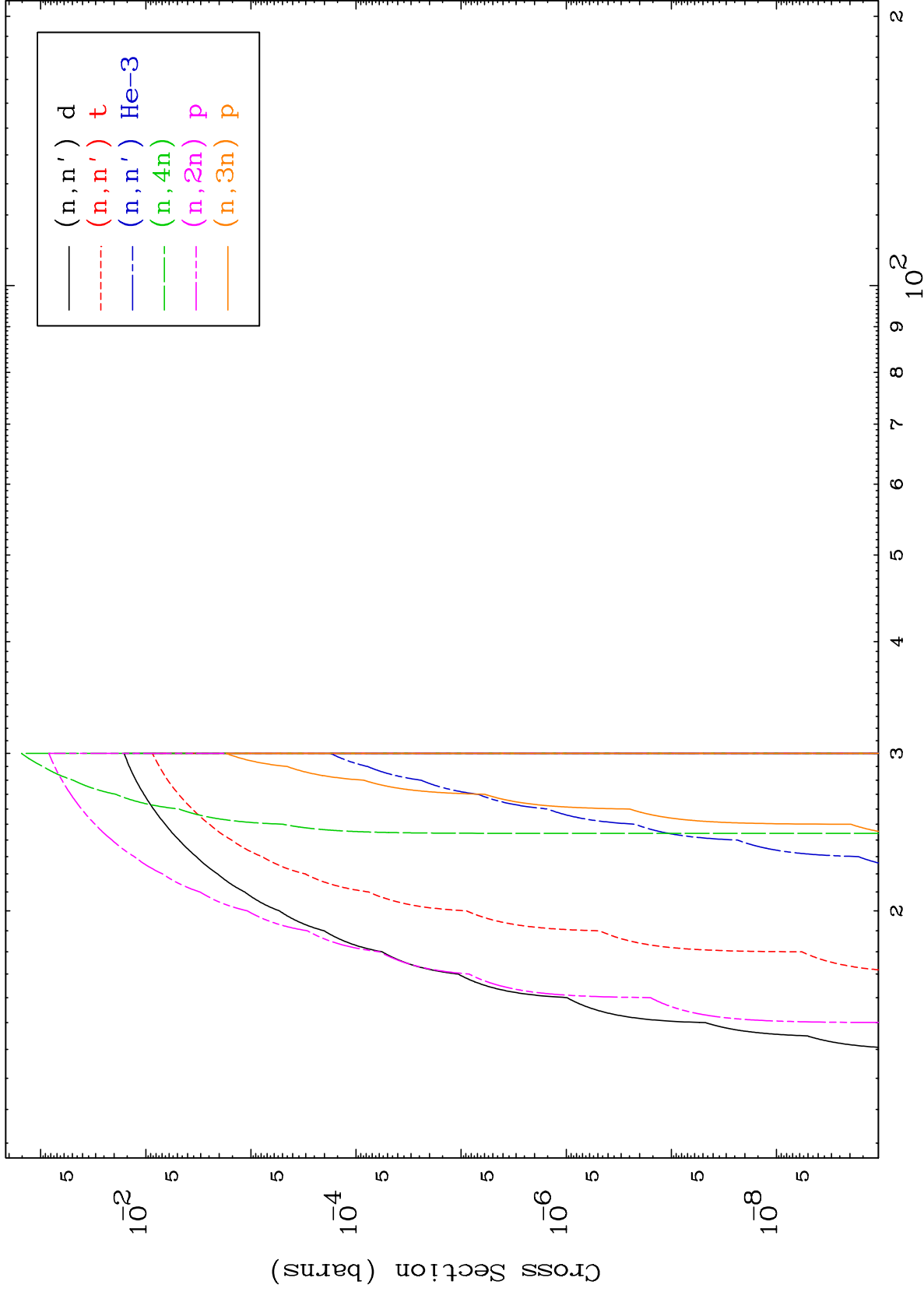
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

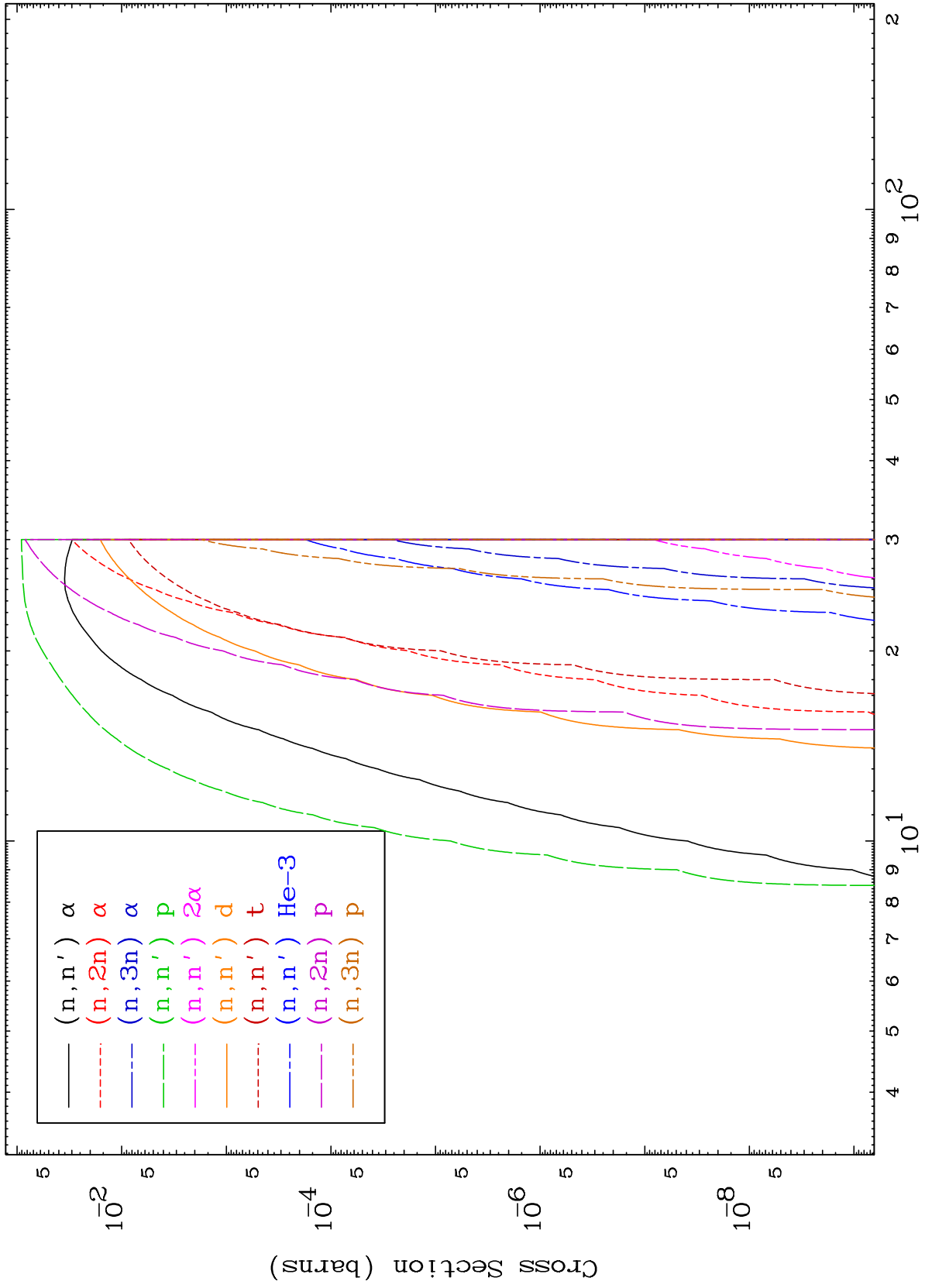
Press Mouse Button to Start



Neutron Production
293 Kelvin Cross Sections



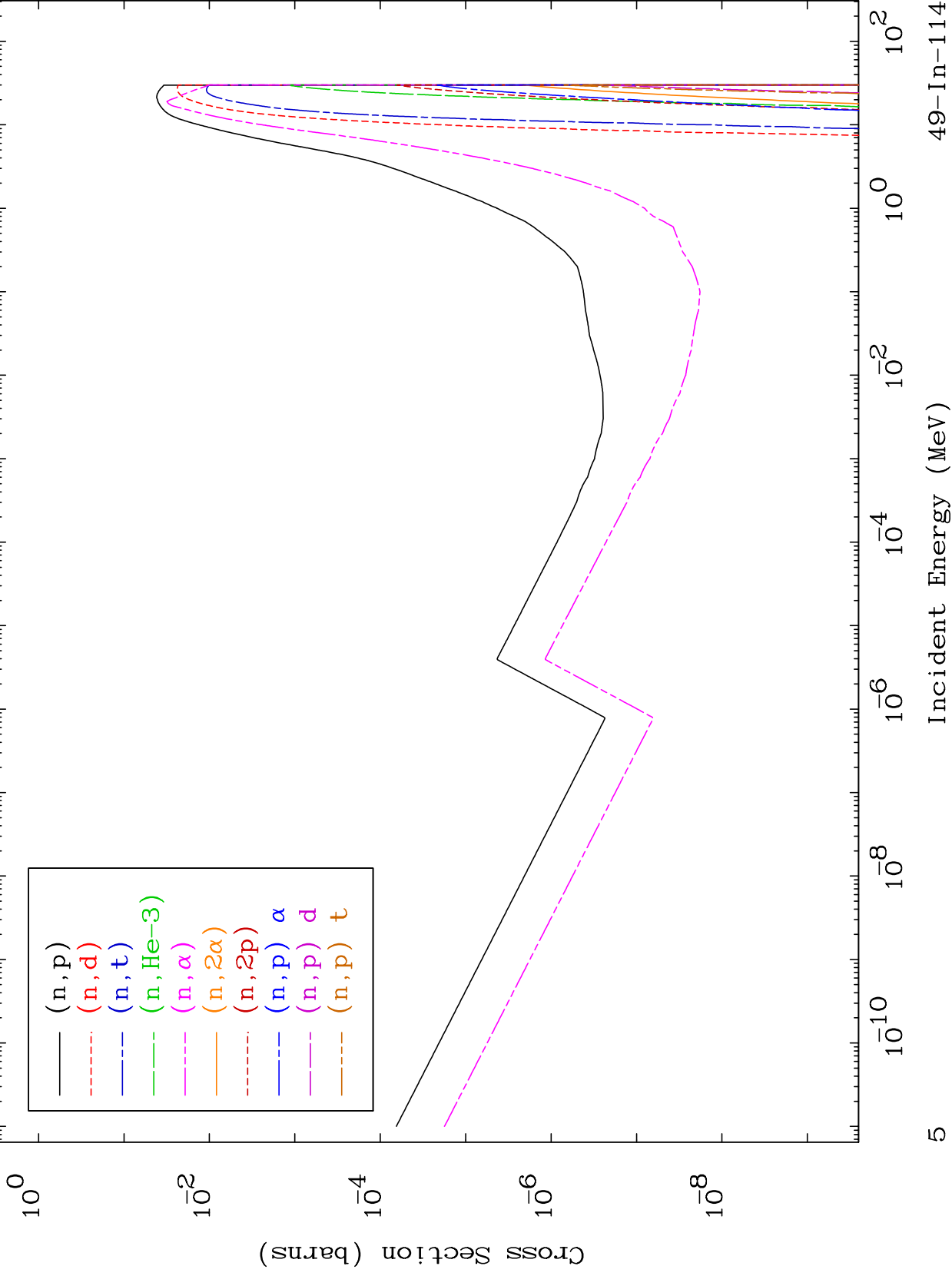


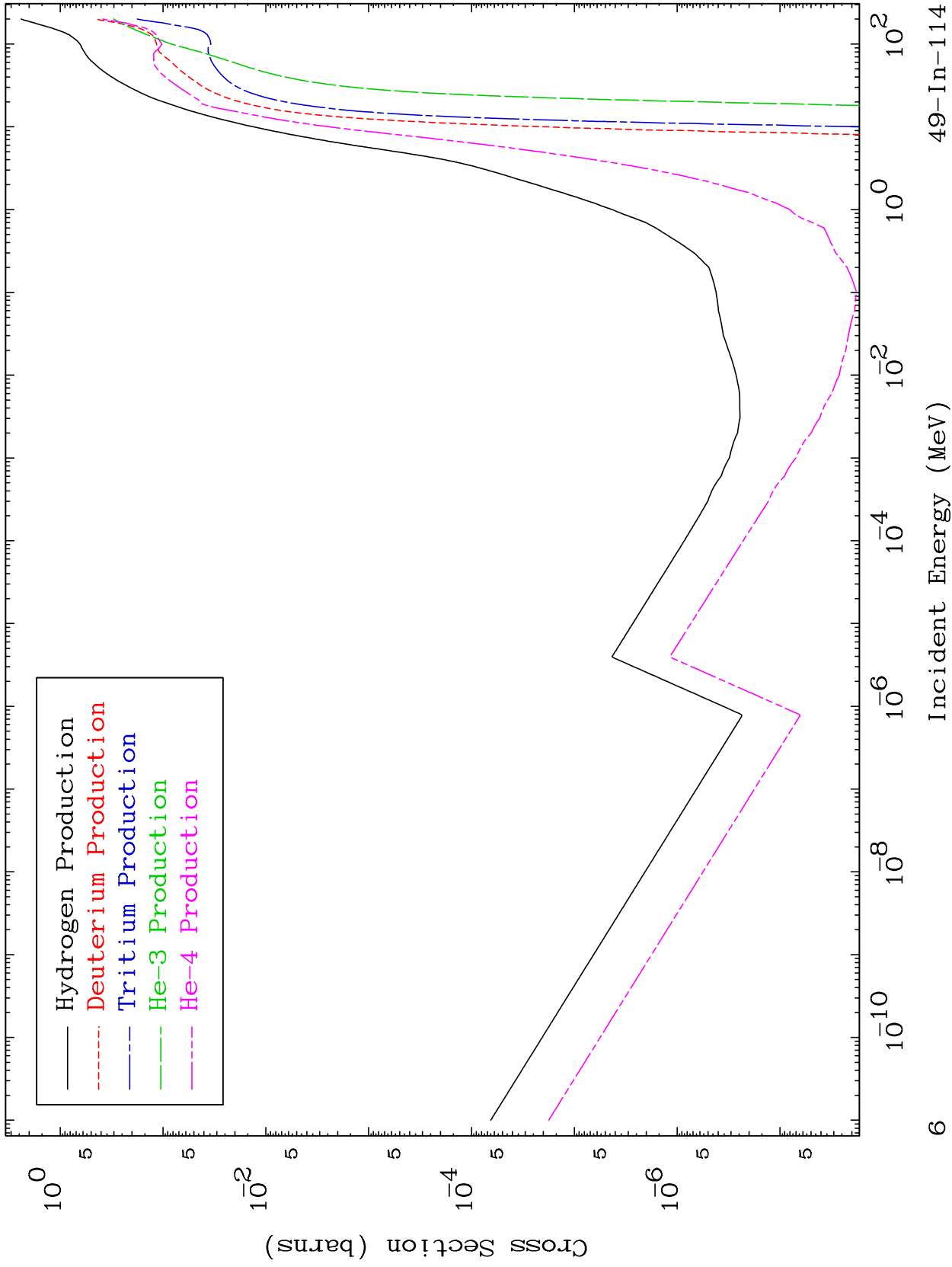


MAT 4929

Charged Particle
293 Kelvin Cross Sections

49-In-114

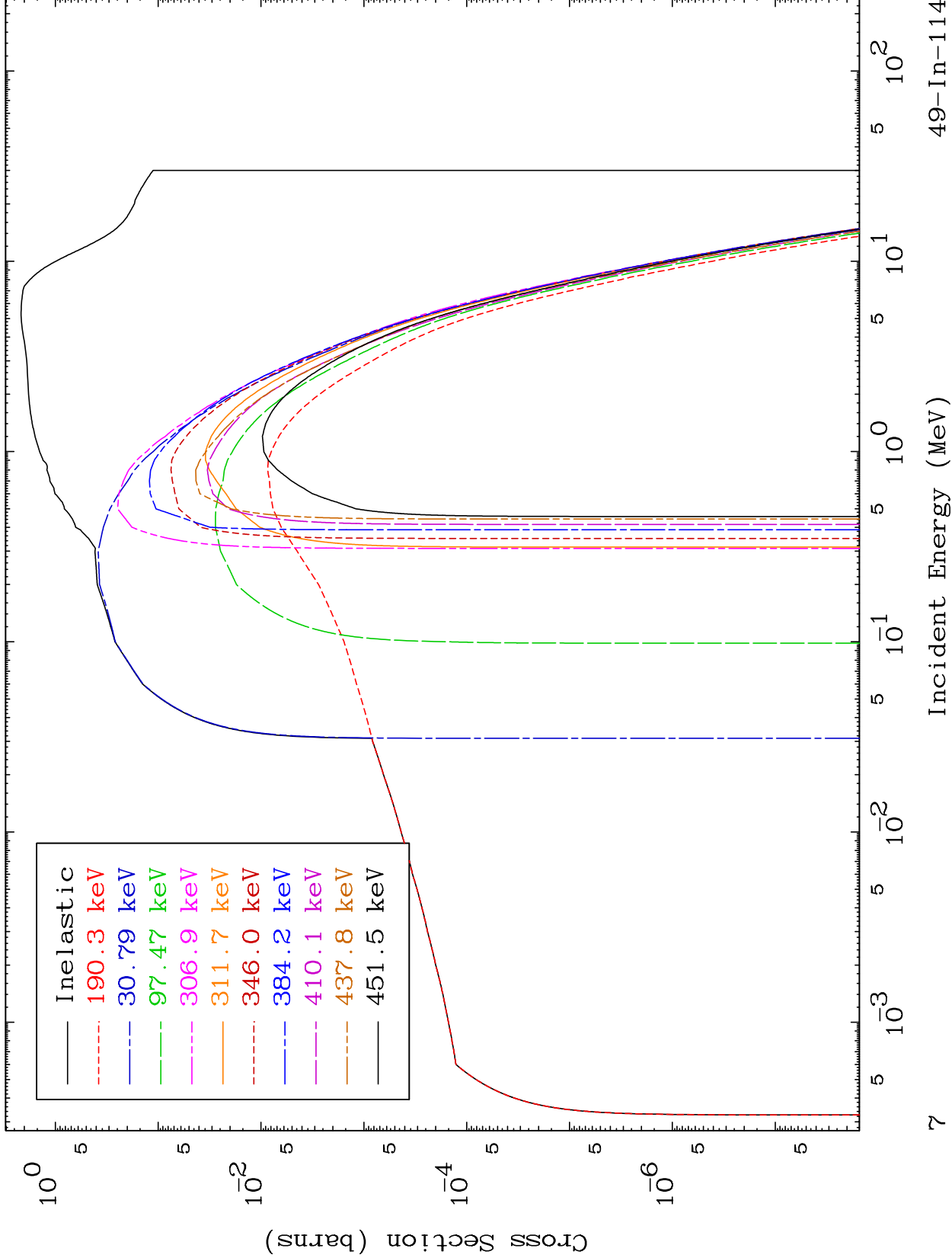




MAT 4929

(n,n') Level
293 Kelvin Cross Sections

49-In-114



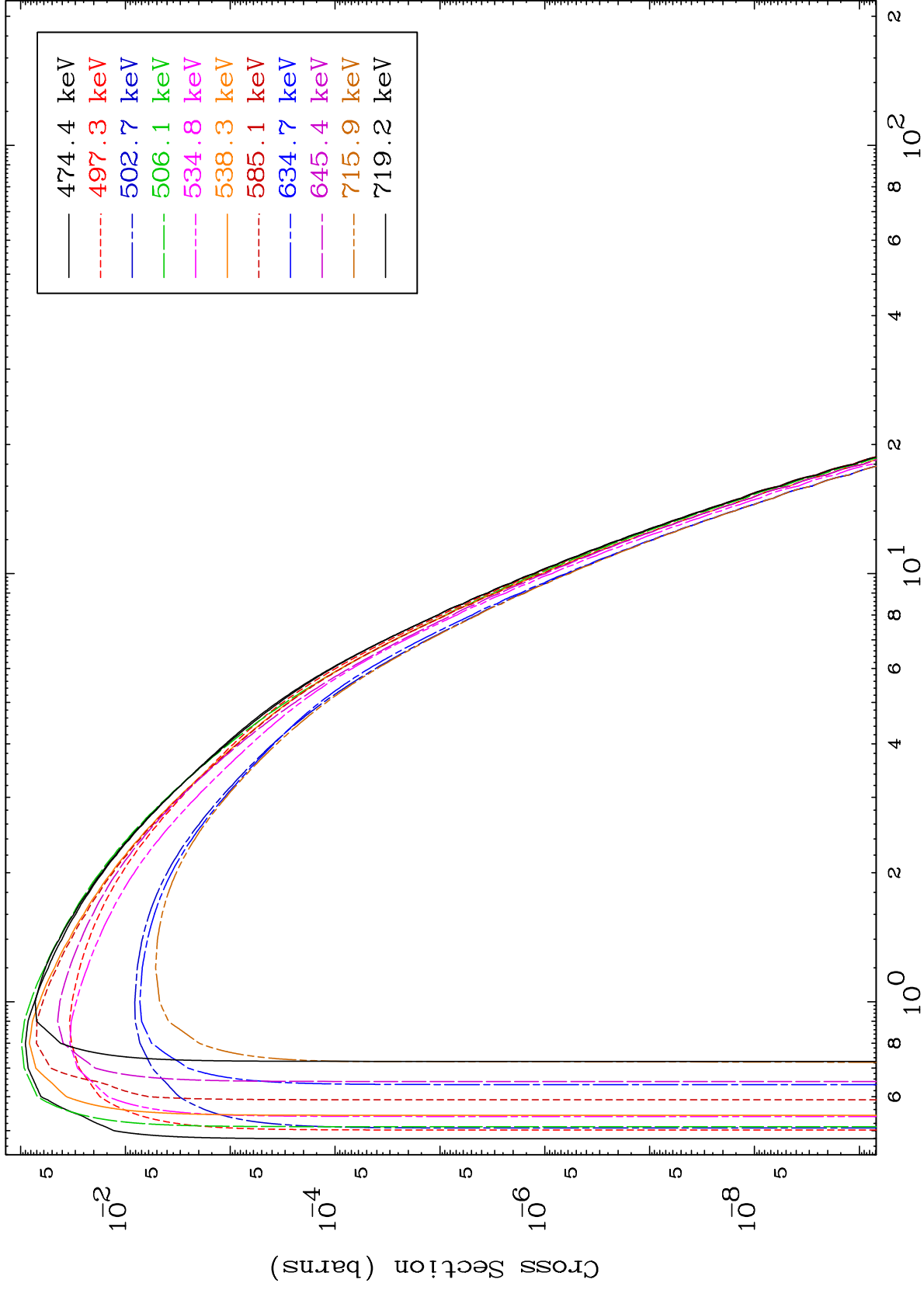
49-In-114

Incident Energy (MeV)

MAT 4929

(n,n') Level
293 Kelvin Cross Sections

49-In-114



8

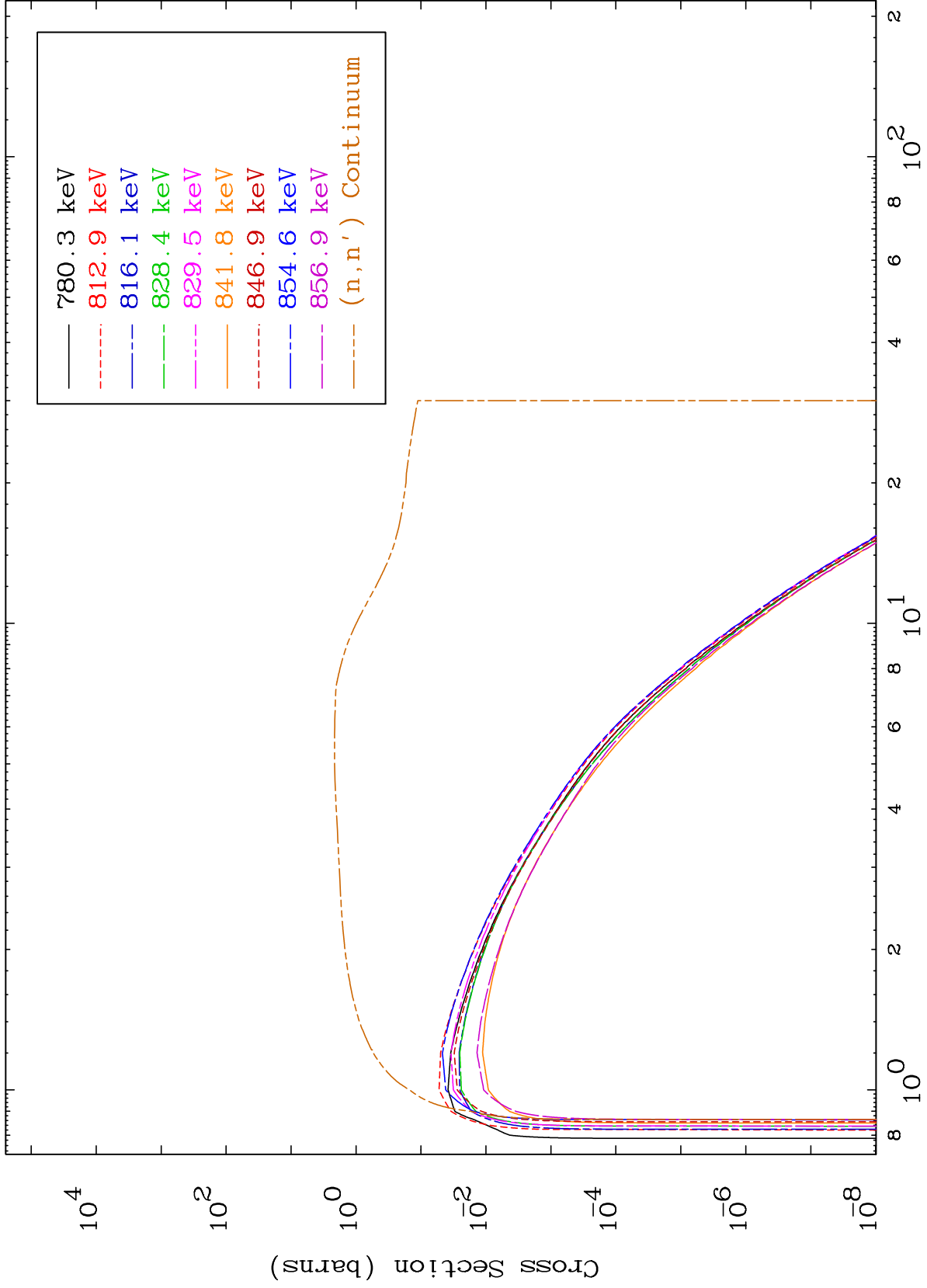
Incident Energy (MeV)

49-In-114

MAT 4929

(n,n') Level
293 Kelvin Cross Sections

49-In-114



9

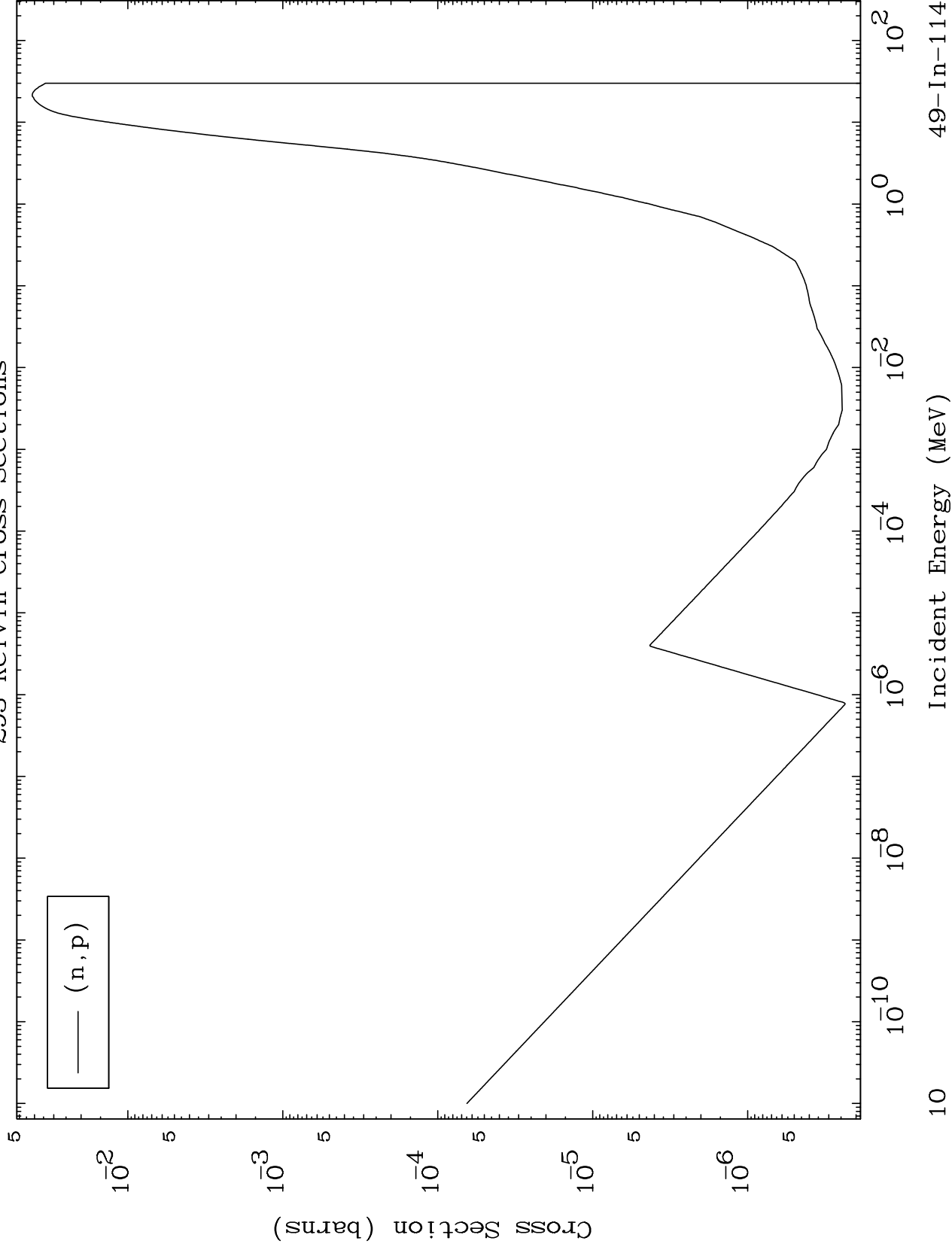
Incident Energy (MeV)

49-In-114

MAT 4929

(n,p) Levels
293 Kelvin Cross Sections

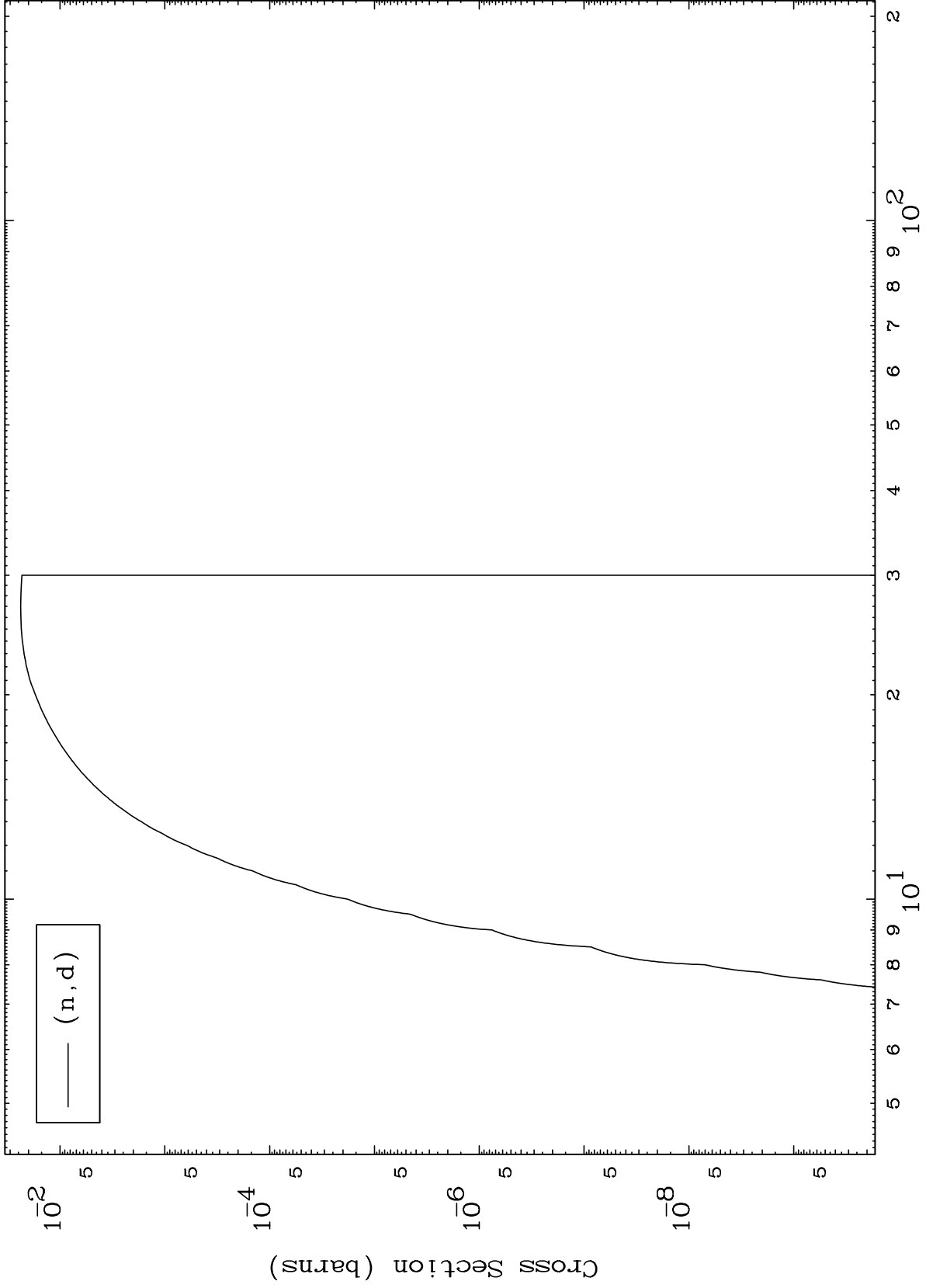
49-In-114



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(n,d) Levels
293 Kelvin Cross Sections

49-In-114



11

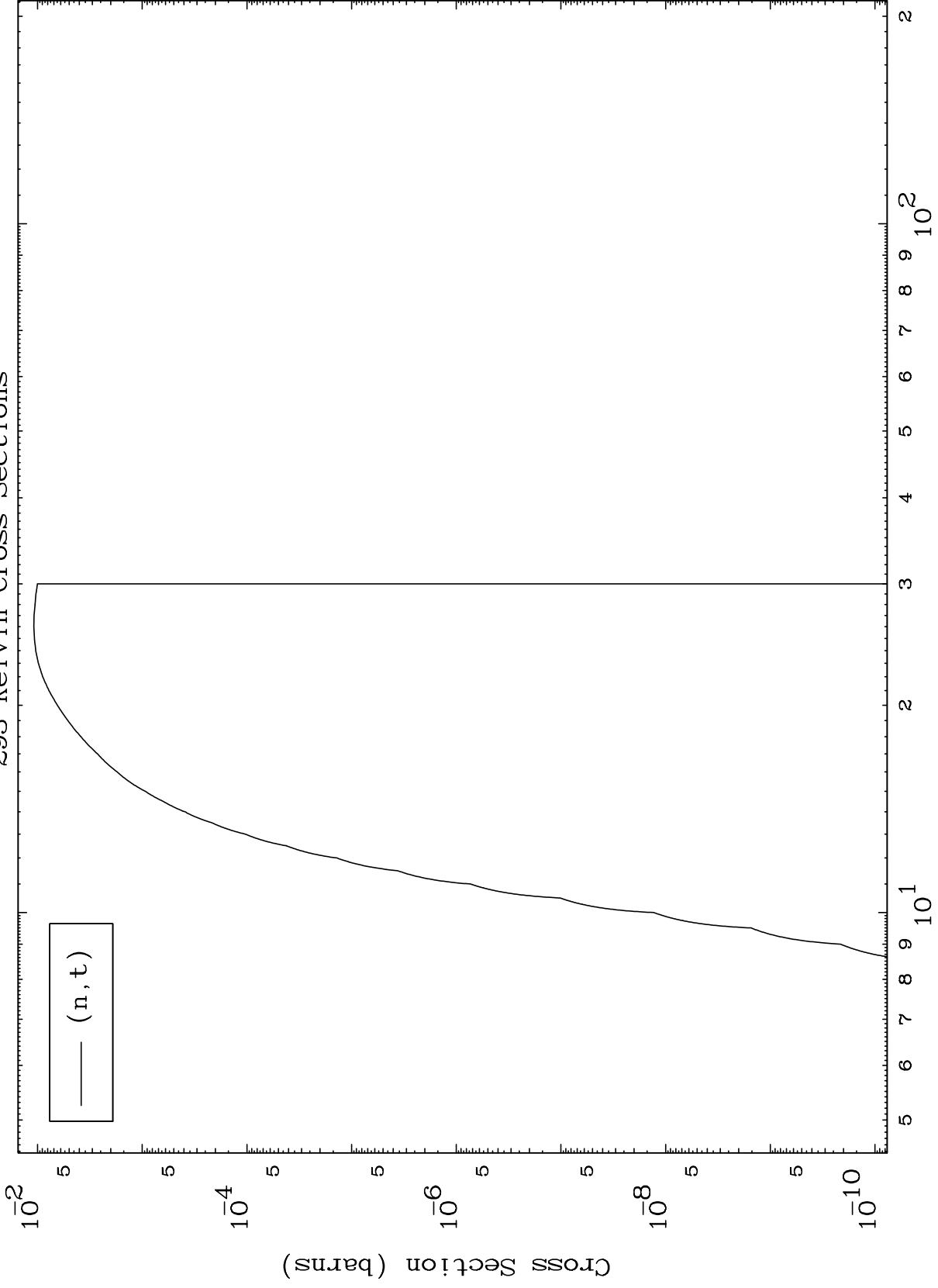
Incident Energy (MeV)

49-In-114

MAT 4929

(n,t) Levels
293 Kelvin Cross Sections

49-In-114



12

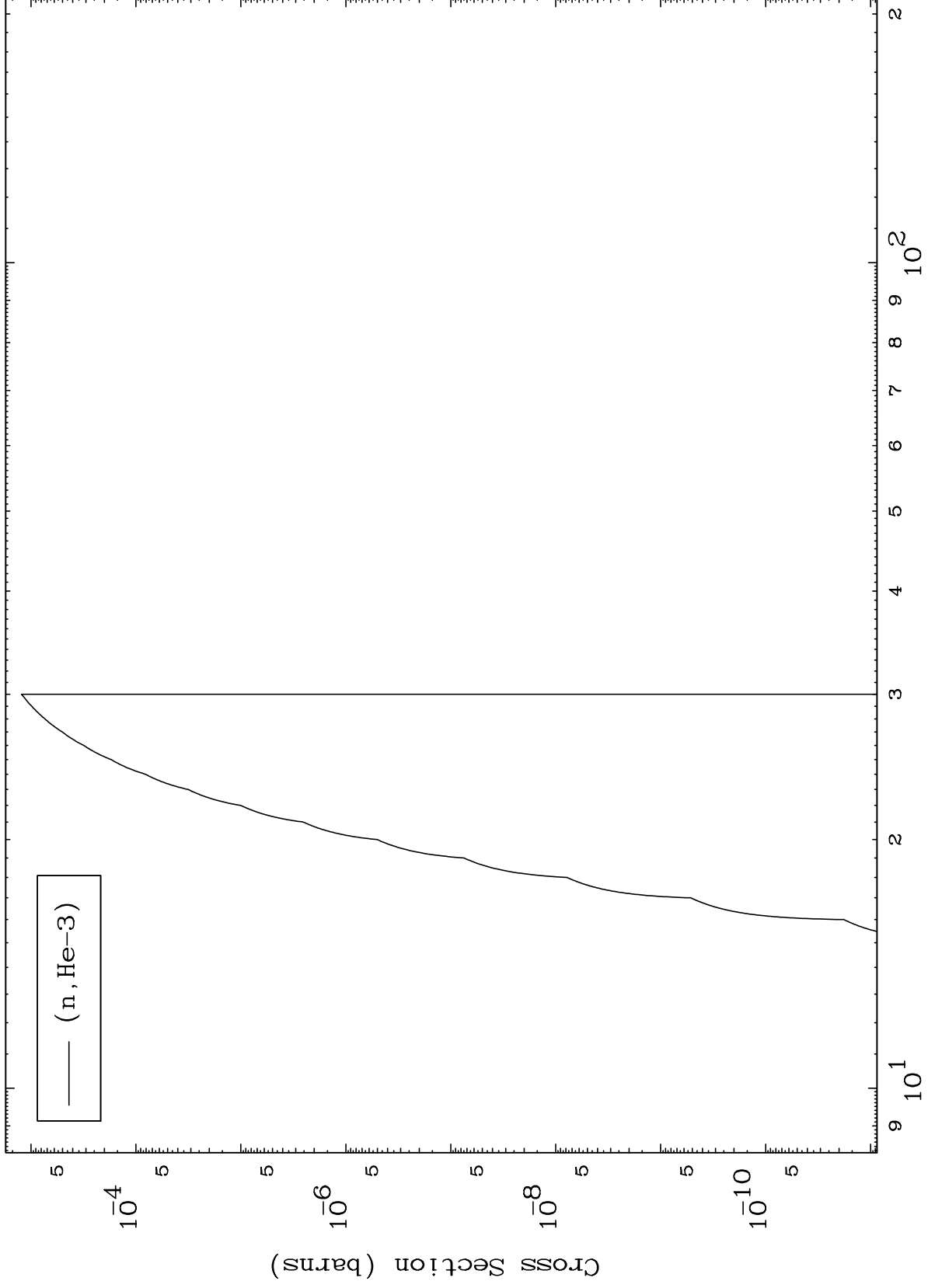
Incident Energy (MeV)

49-In-114

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(n,He3) Levels
293 Kelvin Cross Sections

49-In-114



13

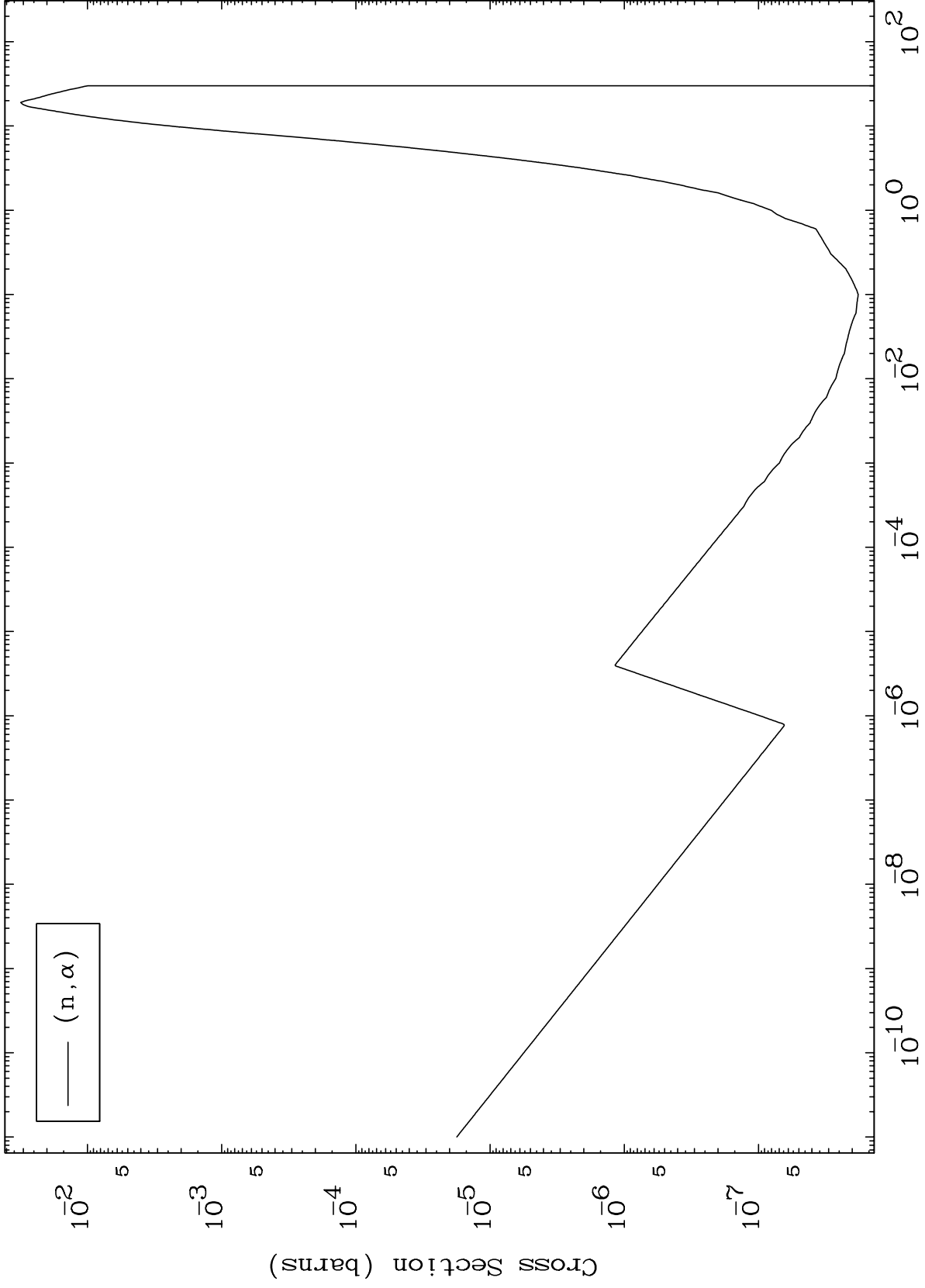
Incident Energy (MeV)

49-In-114

MAT 4929

(n, α) Levels
293 Kelvin Cross Sections

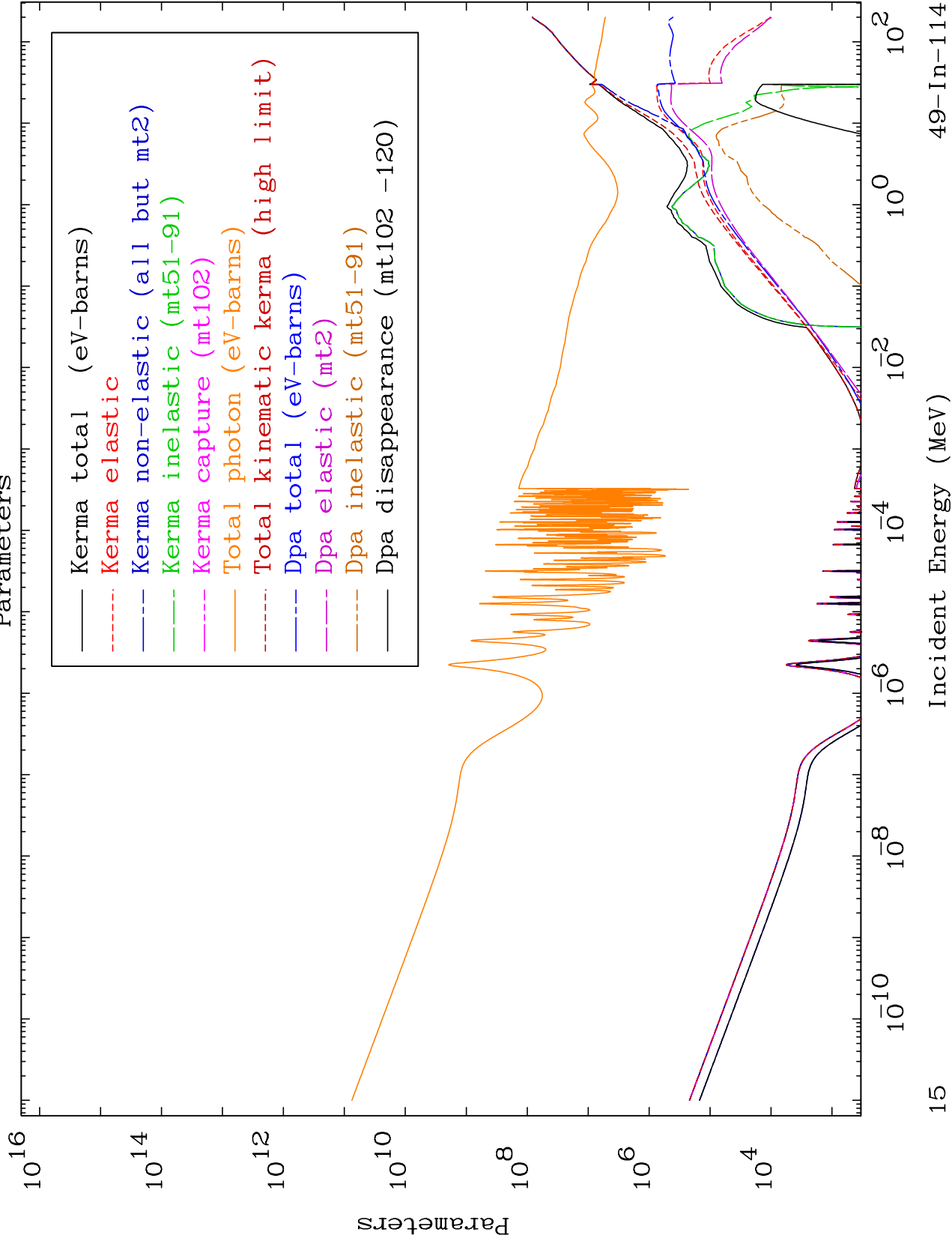
49-In-114



14

Incident Energy (MeV)

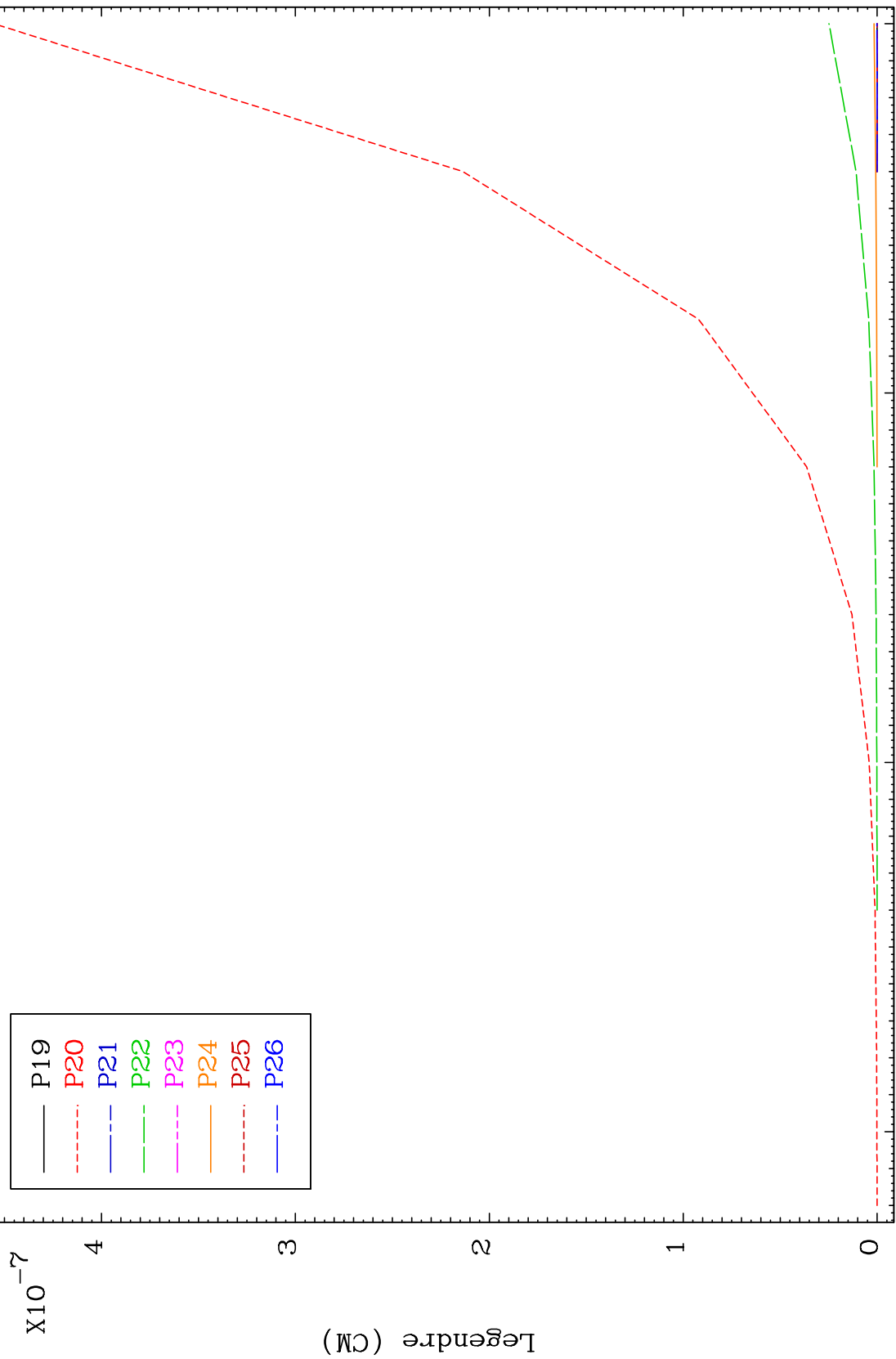
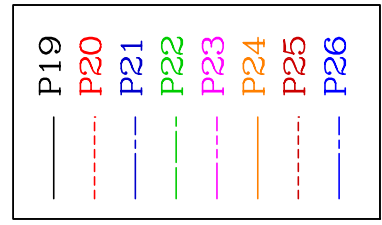
49-In-114



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Elastic Legendre Coefficients

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18

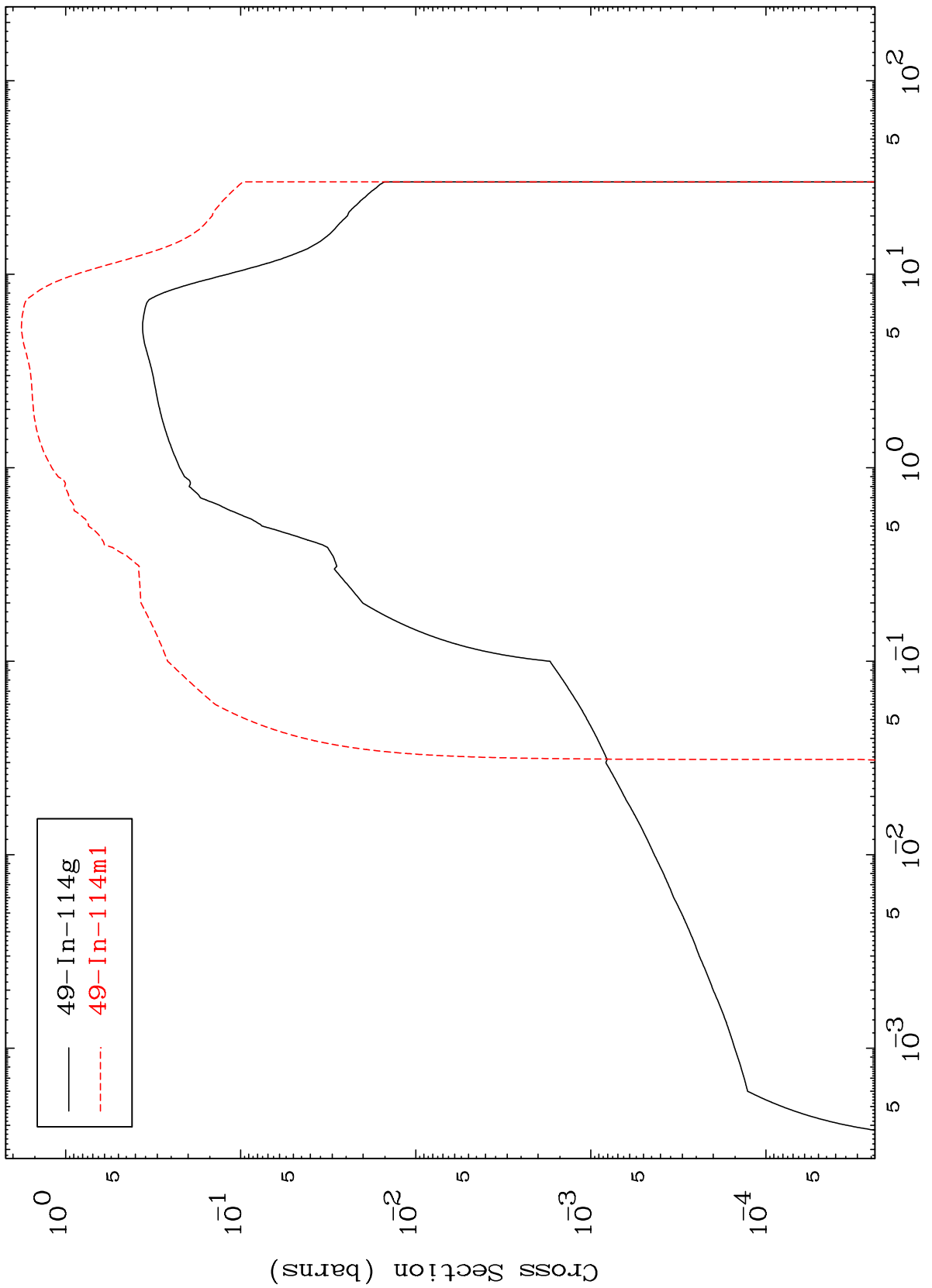
Incident Energy (MeV)

49-In-114

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49-In-114

Inelastic
Radionuclide Production Cross Section



19

49-In-114

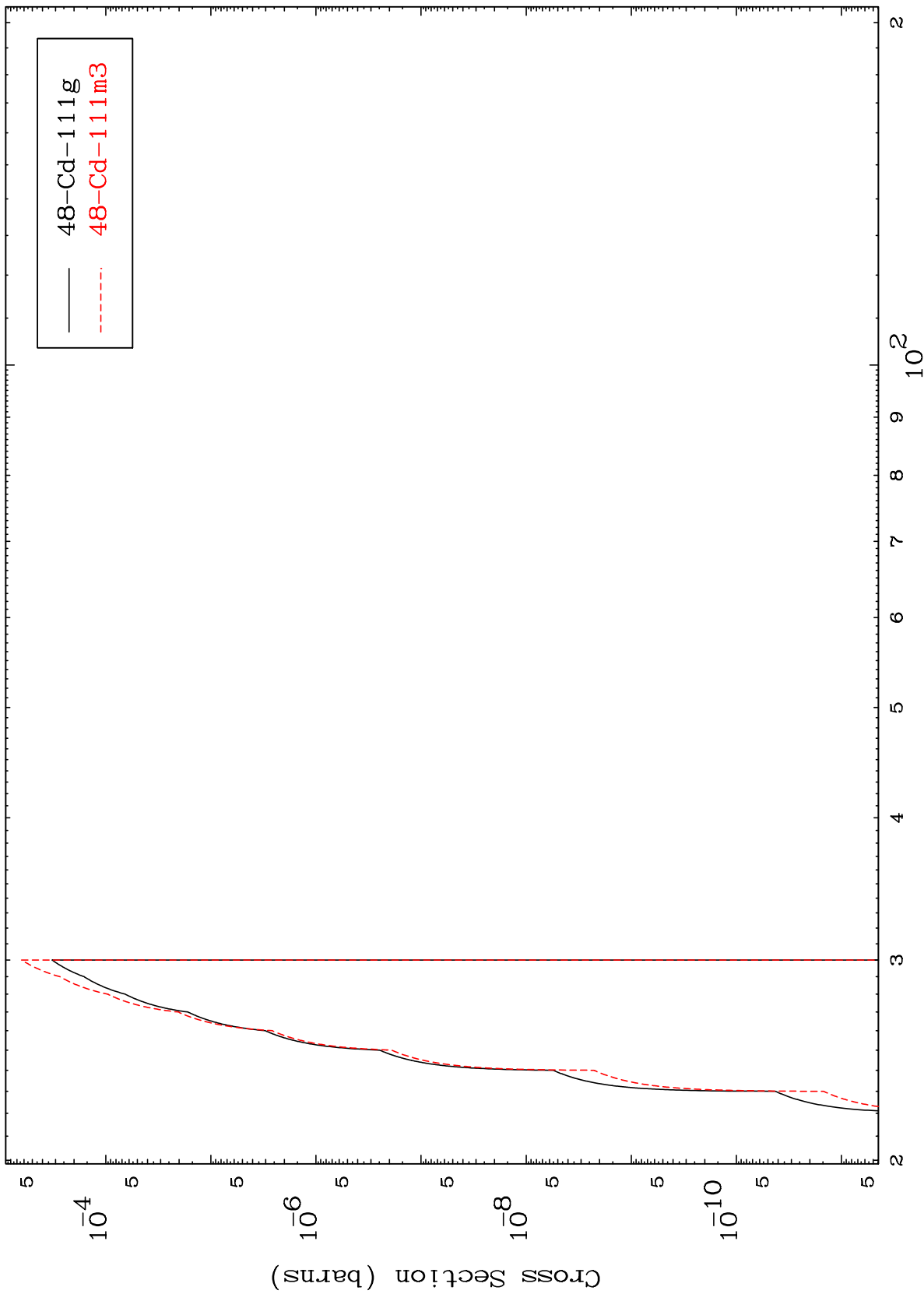
Incident Energy (MeV)

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(n,2n) d

49-In-114

Radionuclide Production Cross Section



20

Incident Energy (MeV)

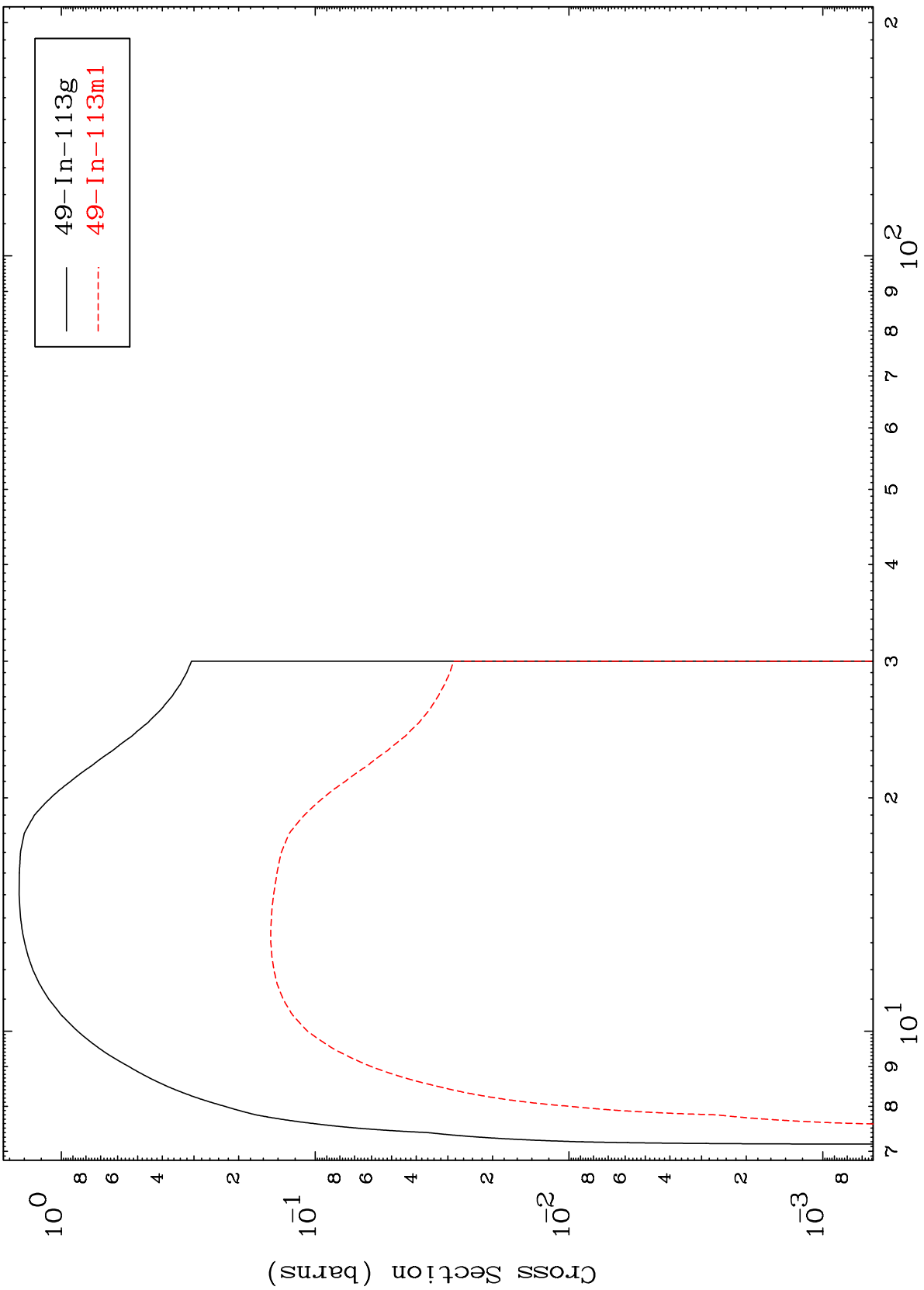
49-In-114

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49-In-114

(n,2n)

Radionuclide Production Cross Section



21

Incident Energy (MeV)

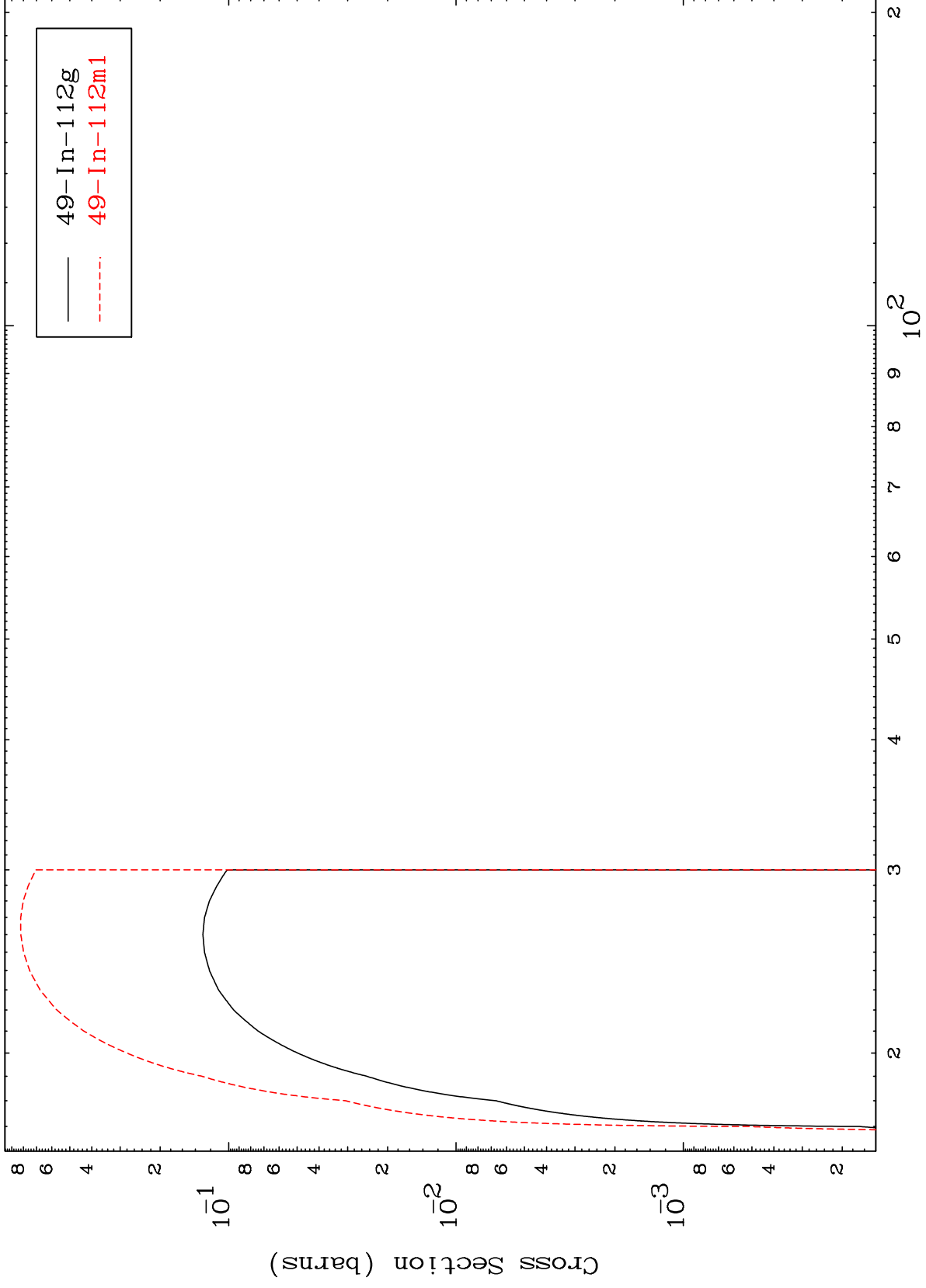
49-In-114

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(n,3n)

49-In-114

Radionuclide Production Cross Section



22

Incident Energy (MeV)

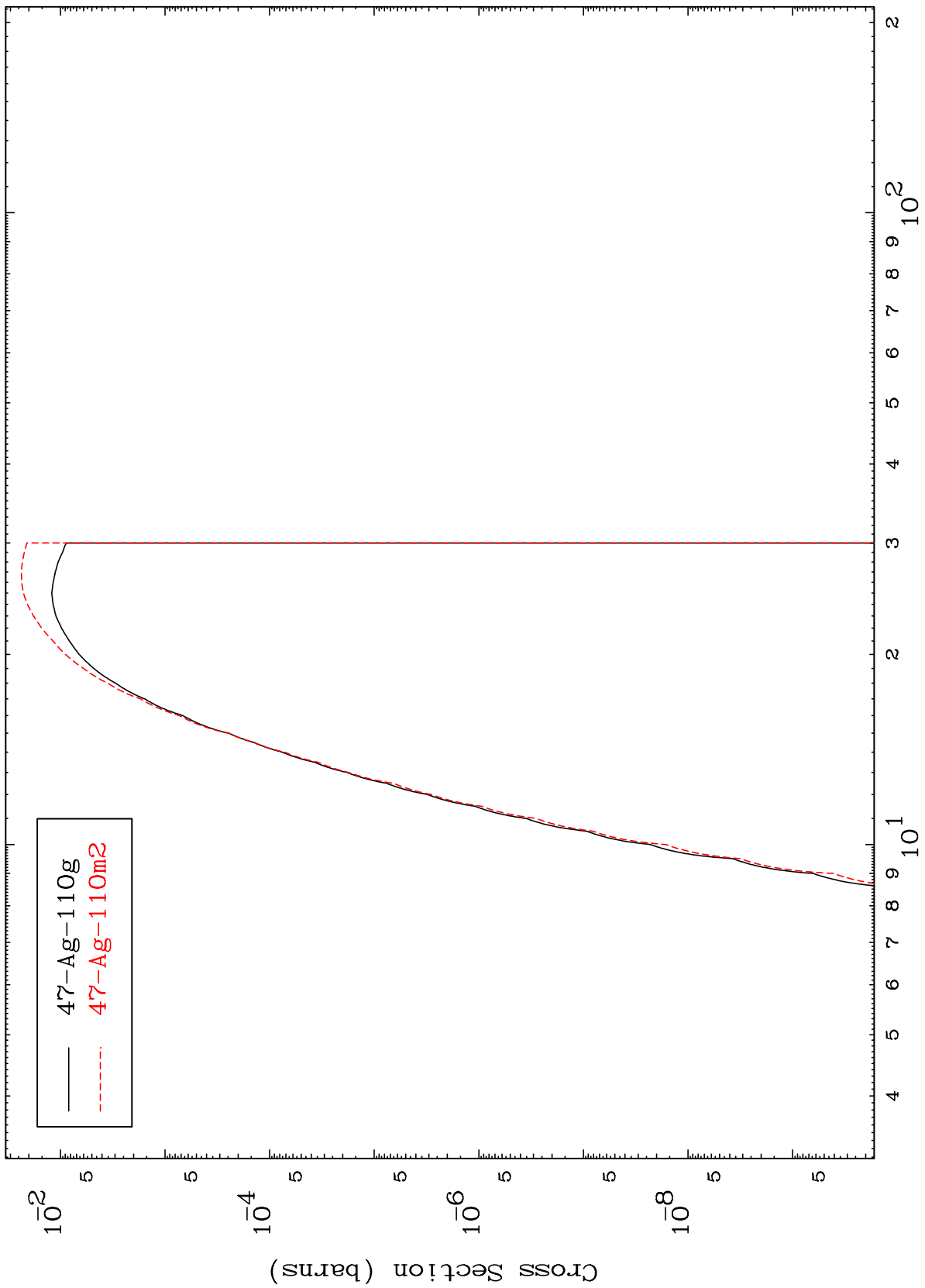
49-In-114

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49-In-114

(n,n') α

Radionuclide Production Cross Section



23

Incident Energy (MeV)

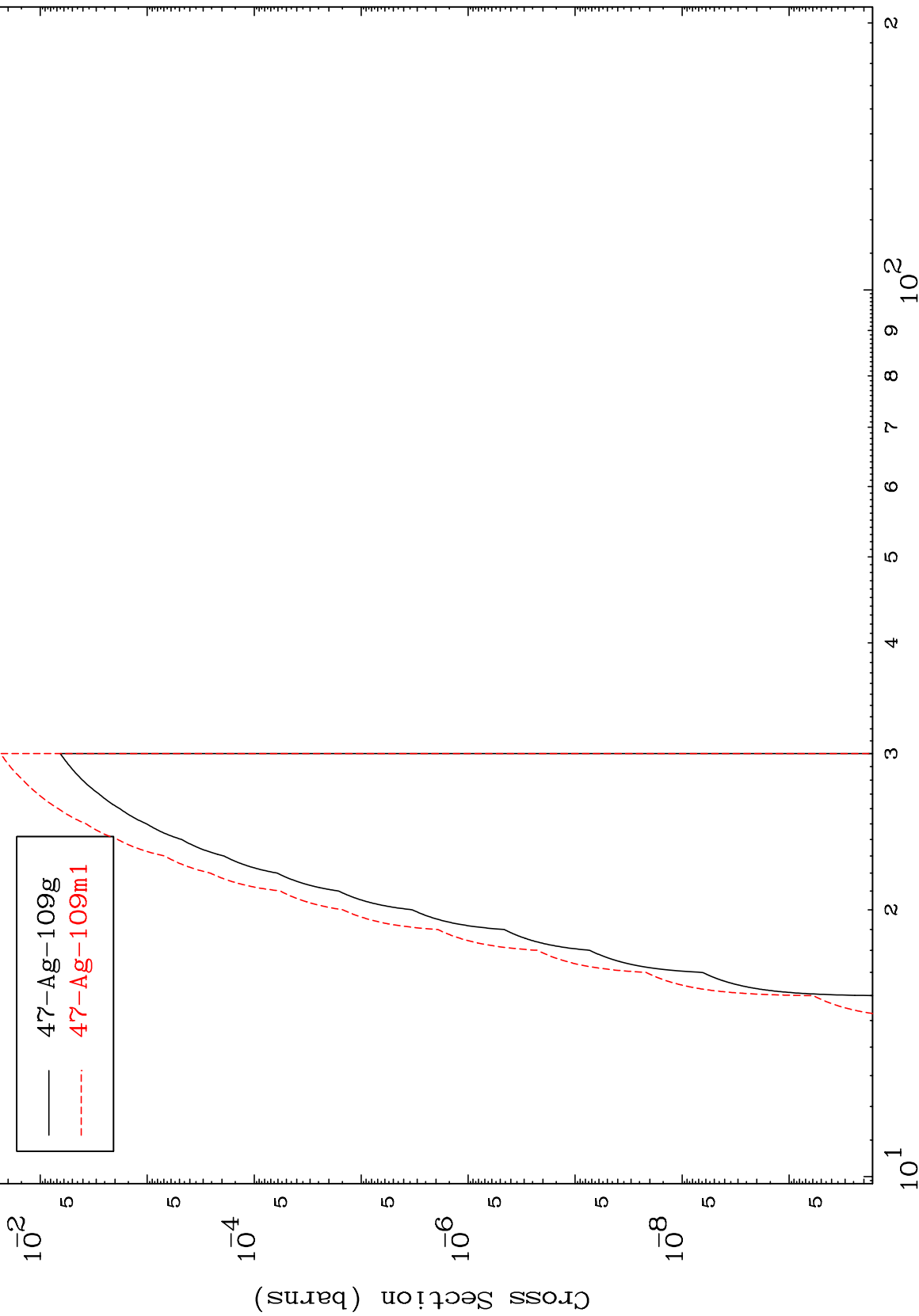
49-In-114

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(n,2n) α

49-In-114

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-114

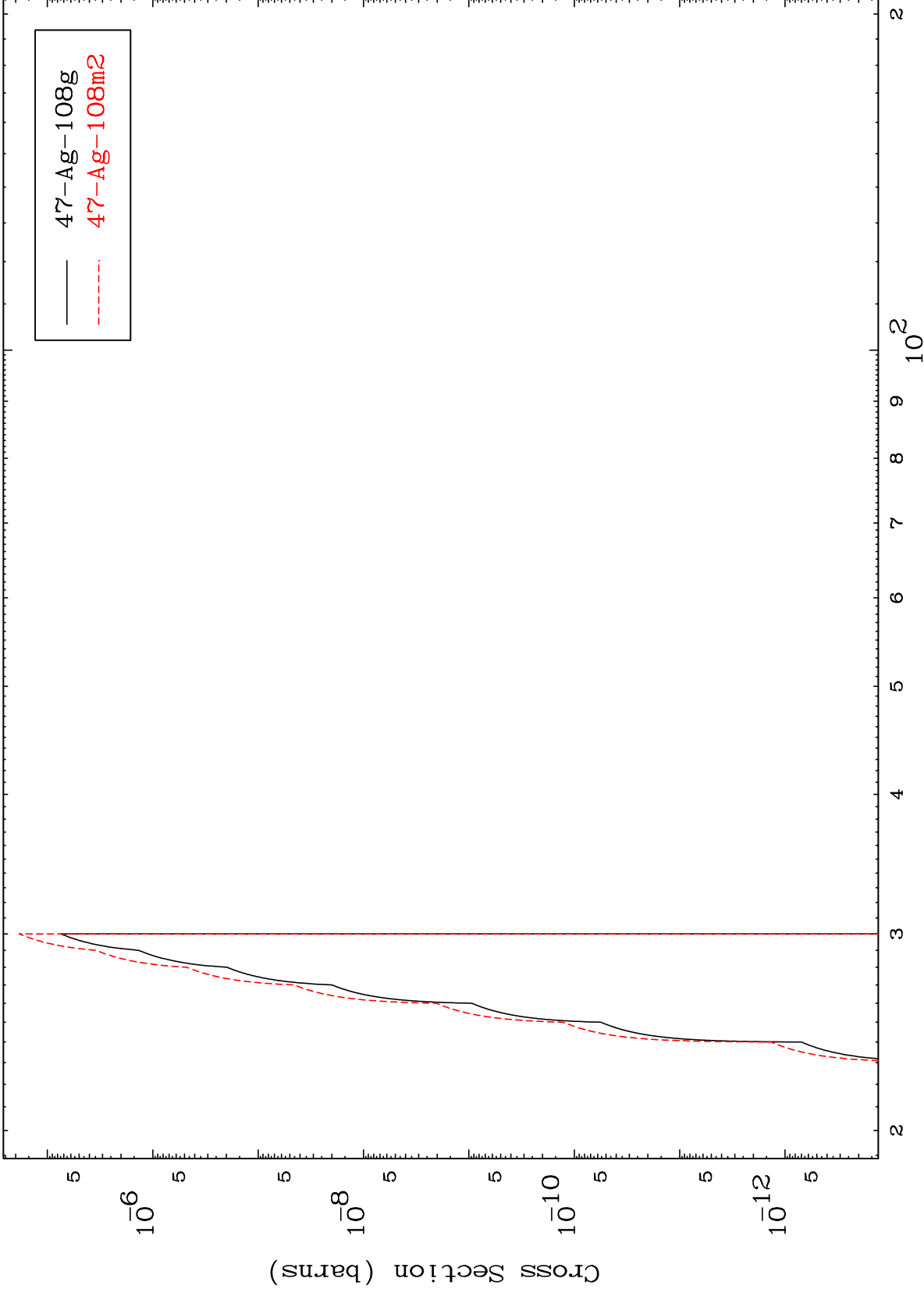
24

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(n,3n) α

49-In-114

Radionuclide Production Cross Section

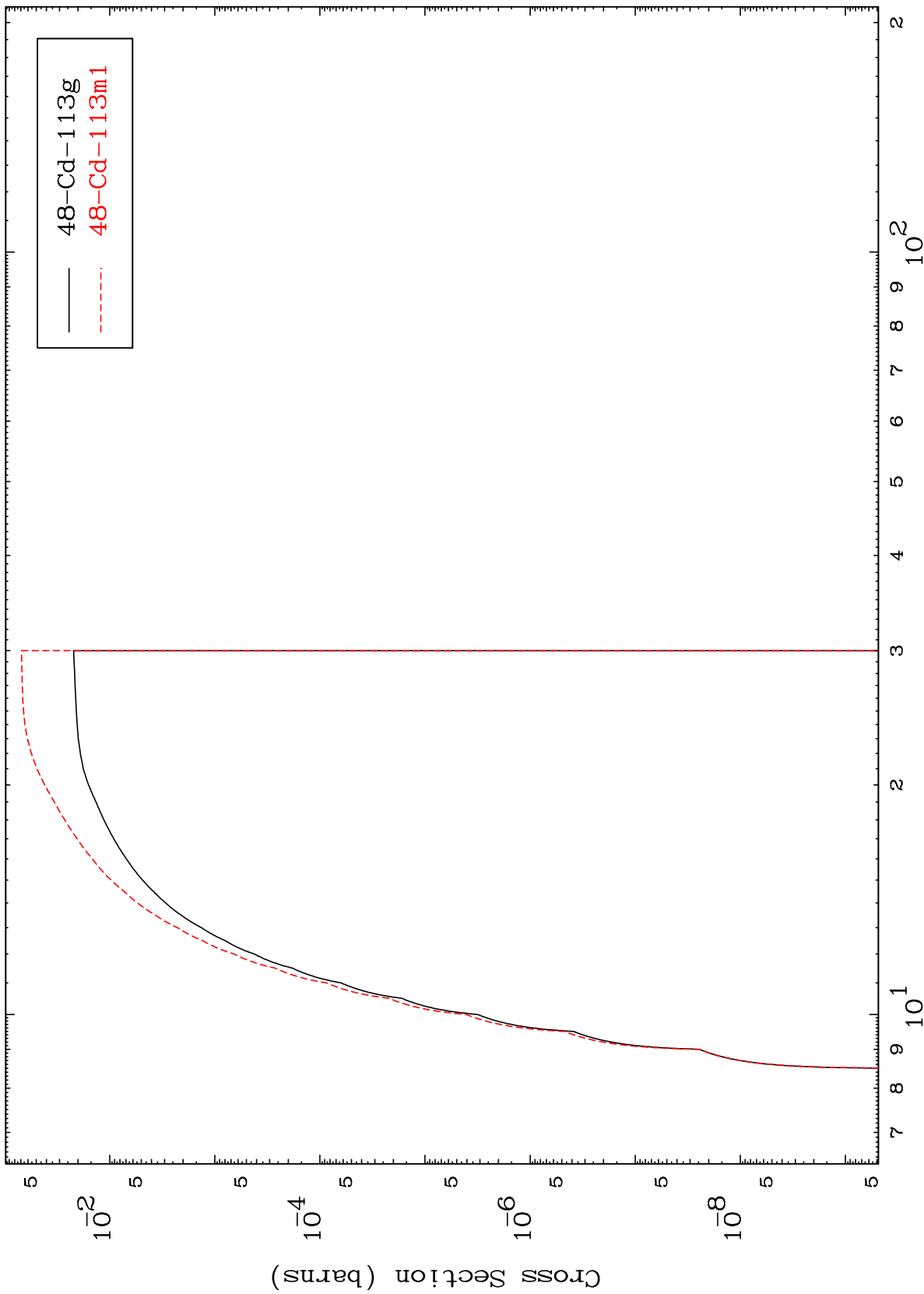


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Incident Energy (MeV)

49-In-114

(n,n') p
Radionuclide Production Cross Section

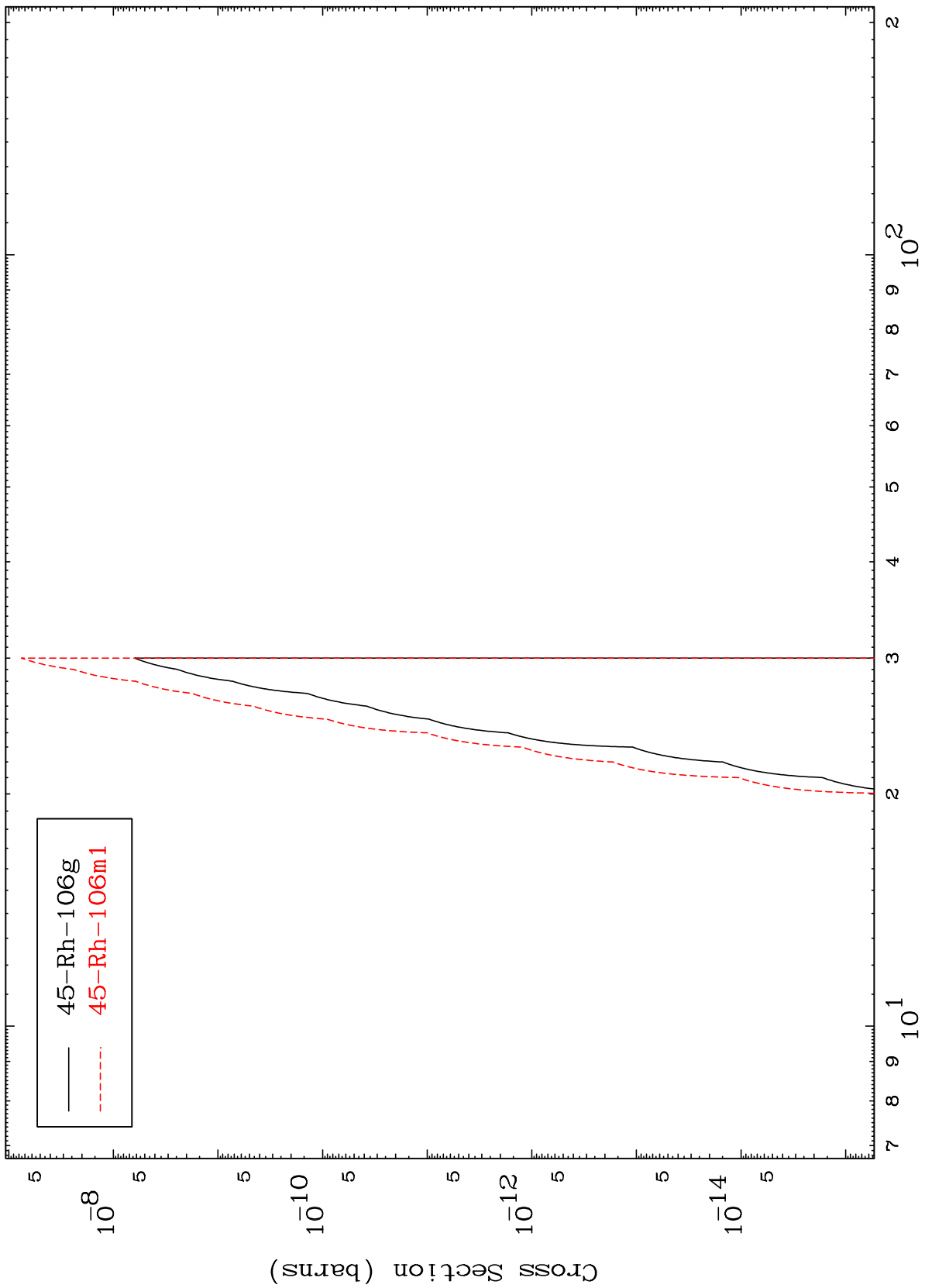


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(n,n') 2α

49-In-114

Radionuclide Production Cross Section



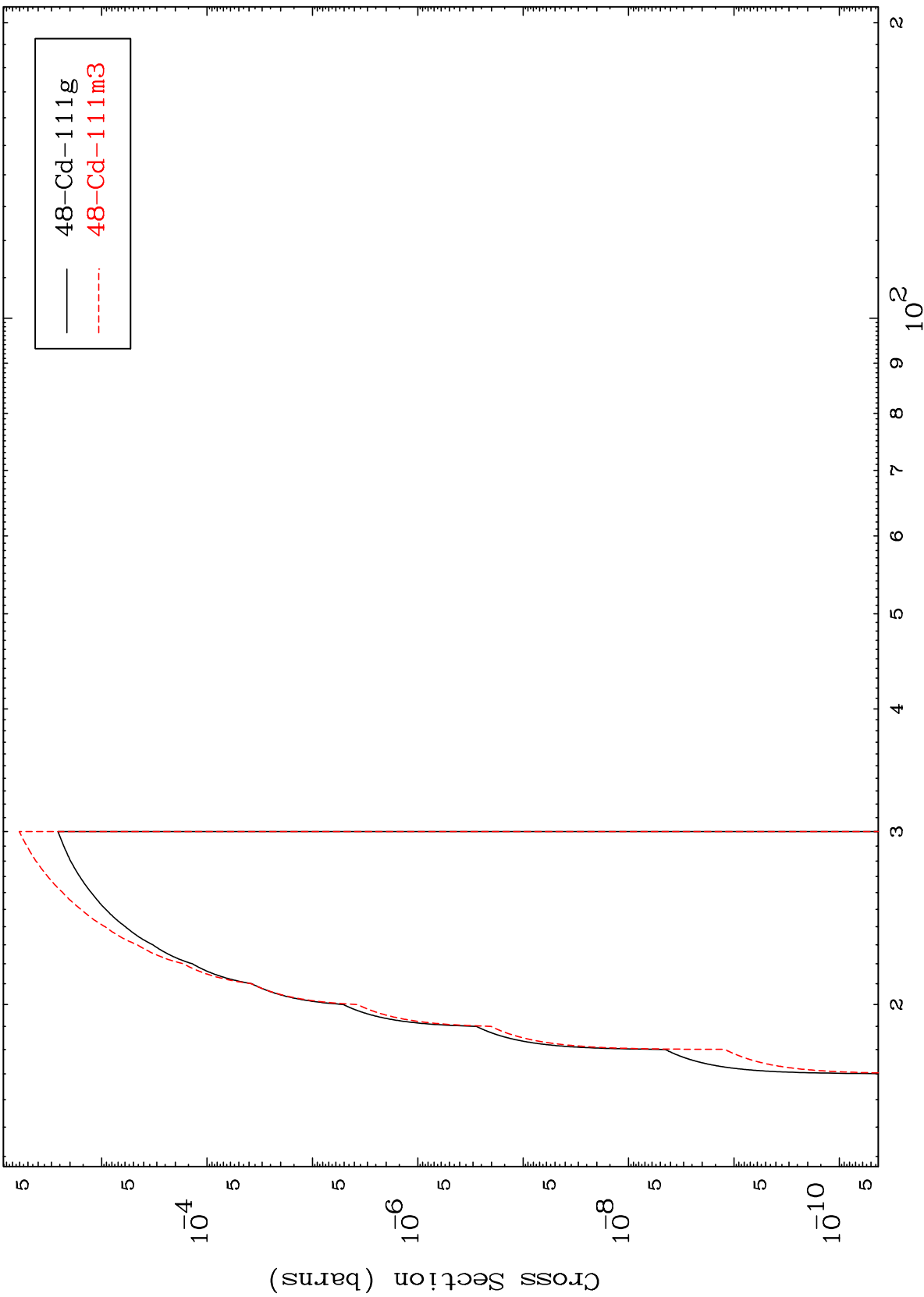
45-Rh-106g
45-Rh-106m1

27

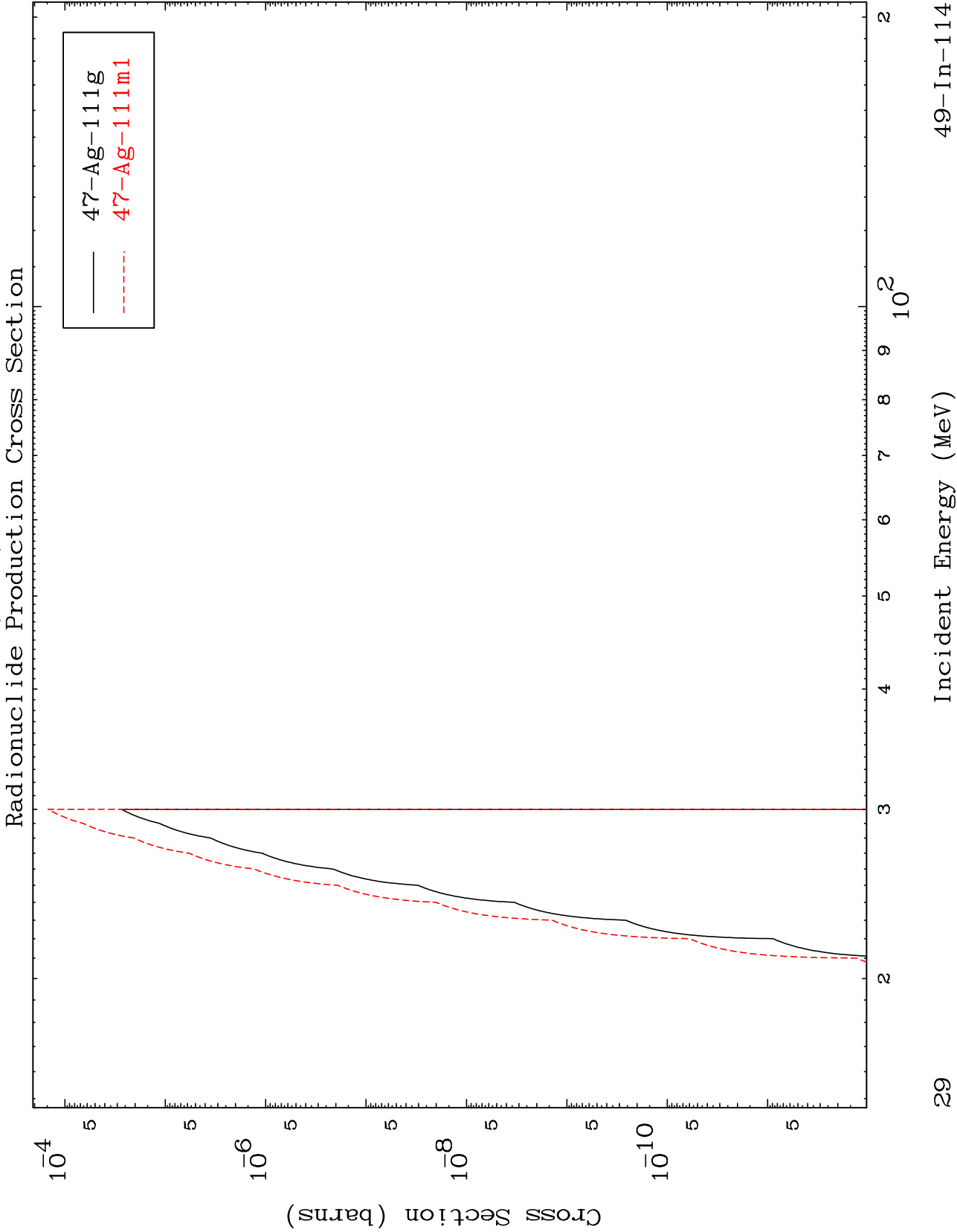
Incident Energy (MeV)

49-In-114

Radionuclide Production Cross Section



48-Cd-111g
48-Cd-111m3

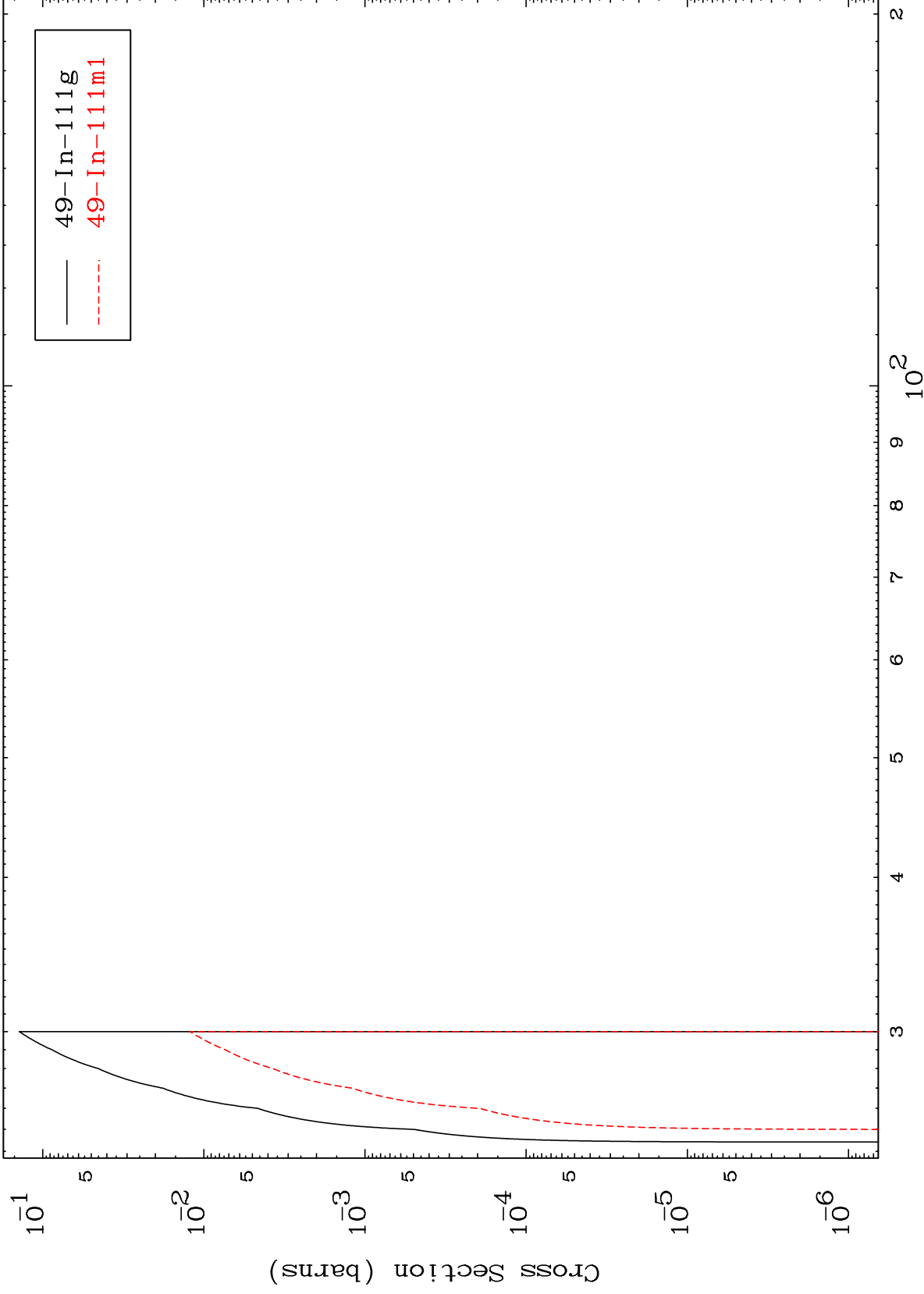


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(n,4n)

49-In-114

Radionuclide Production Cross Section



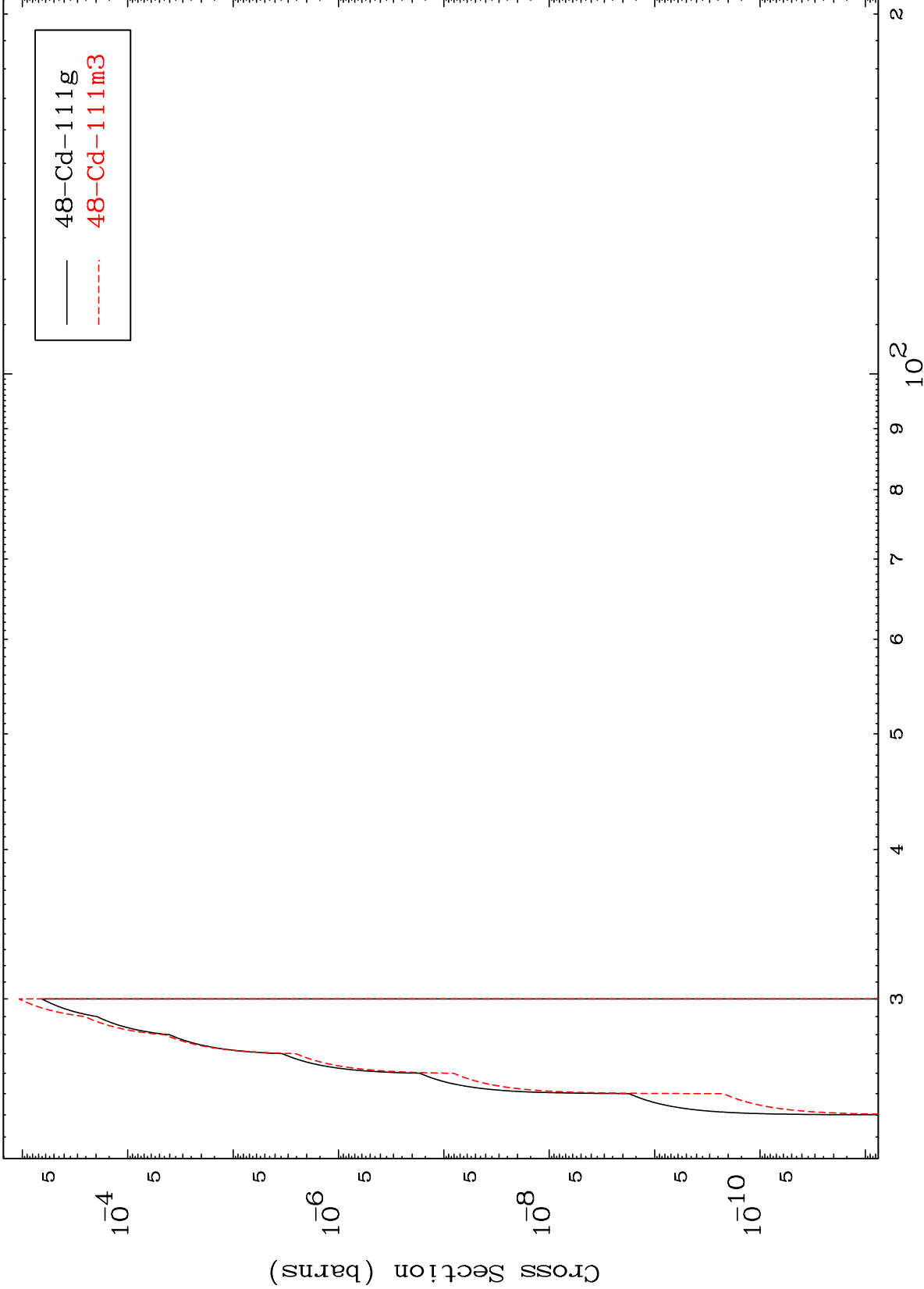
49-In-111g
49-In-111m1

30

Incident Energy (MeV)

49-In-114

Radionuclide Production Cross Section



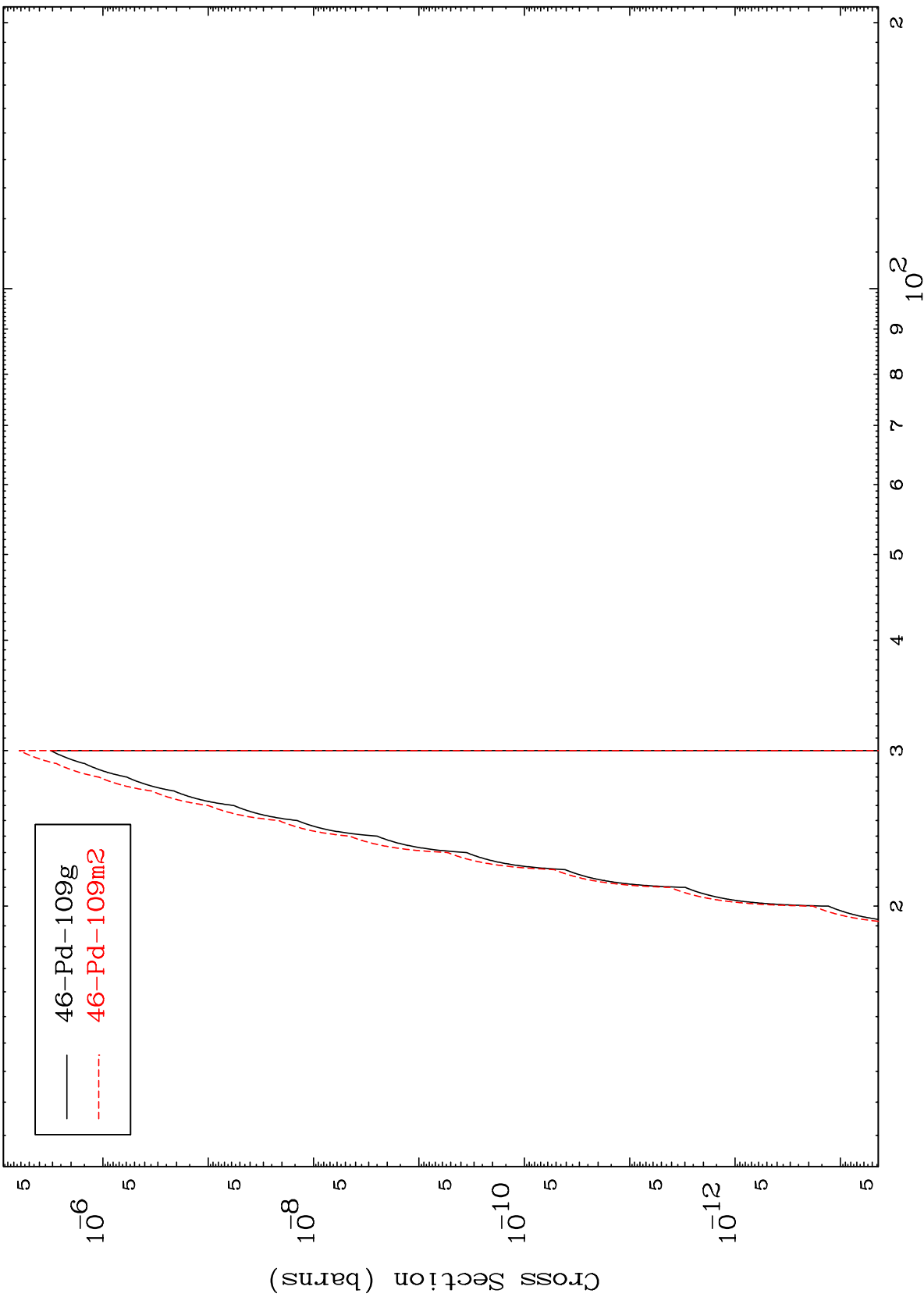
48-Cd-111g
48-Cd-111m3

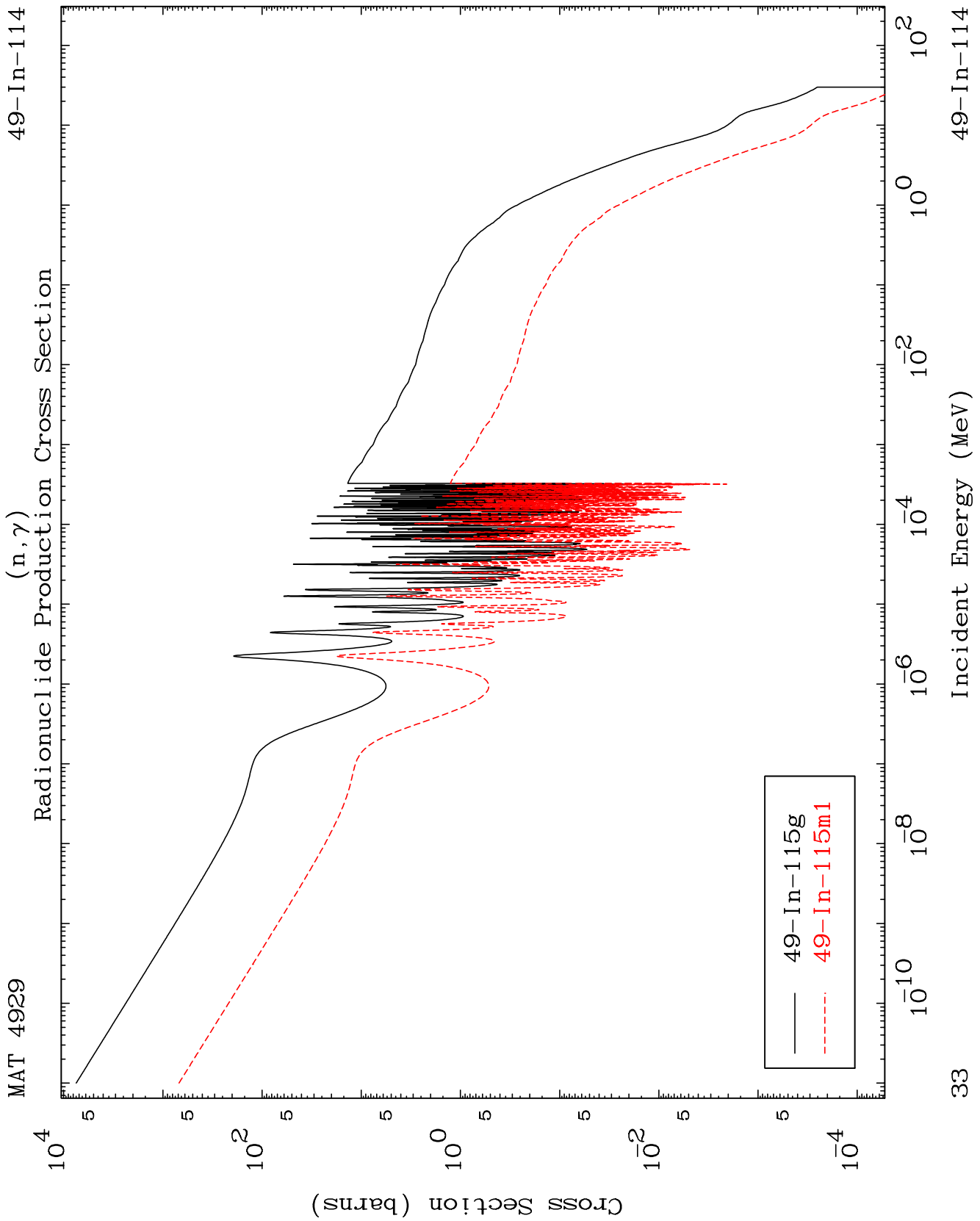
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(n,n') p α

49-In-114

Radionuclide Production Cross Section

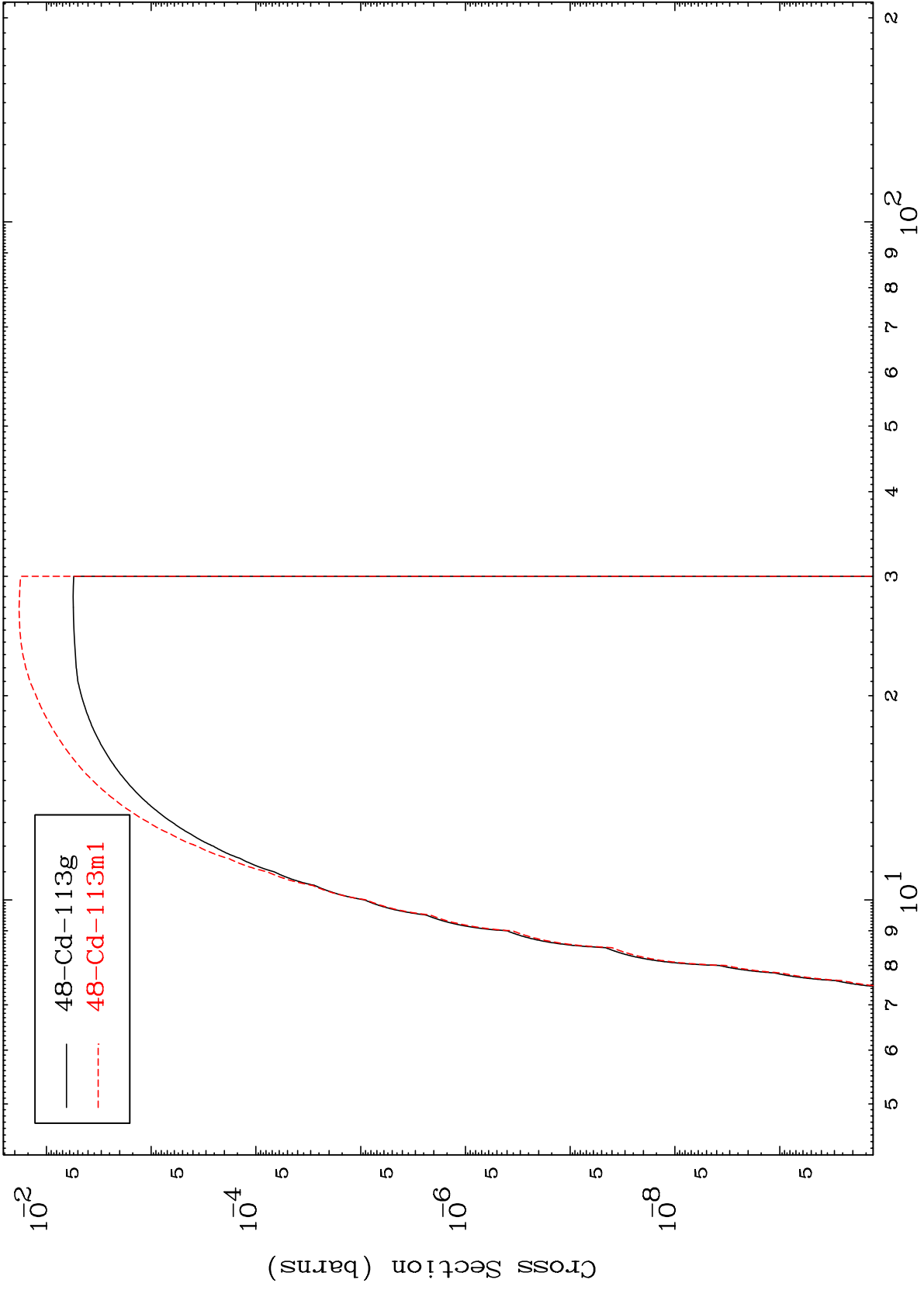




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49-In-114

(n,d)
Radionuclide Production Cross Section



34

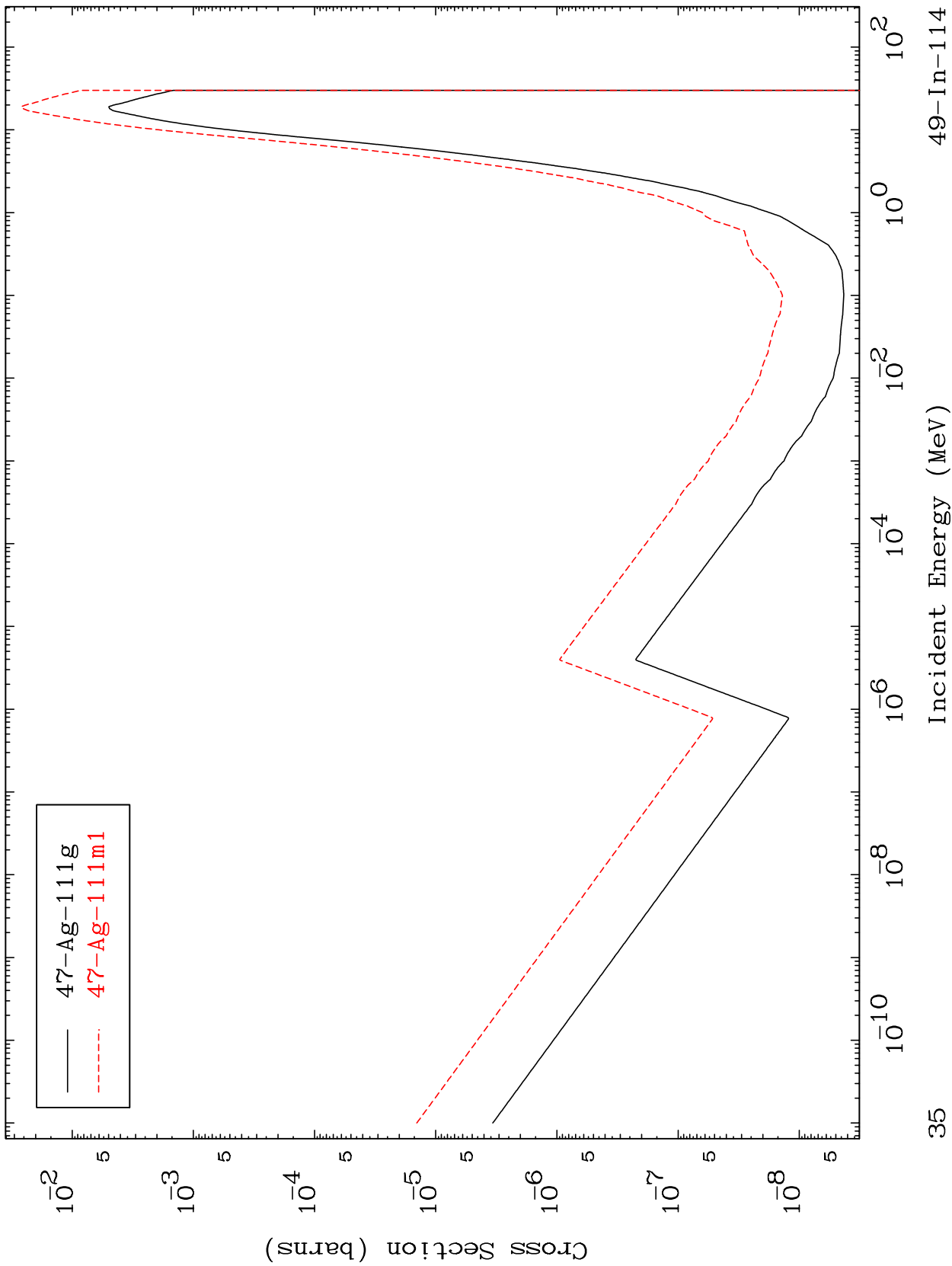
Incident Energy (MeV)

49-In-114

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49-In-114

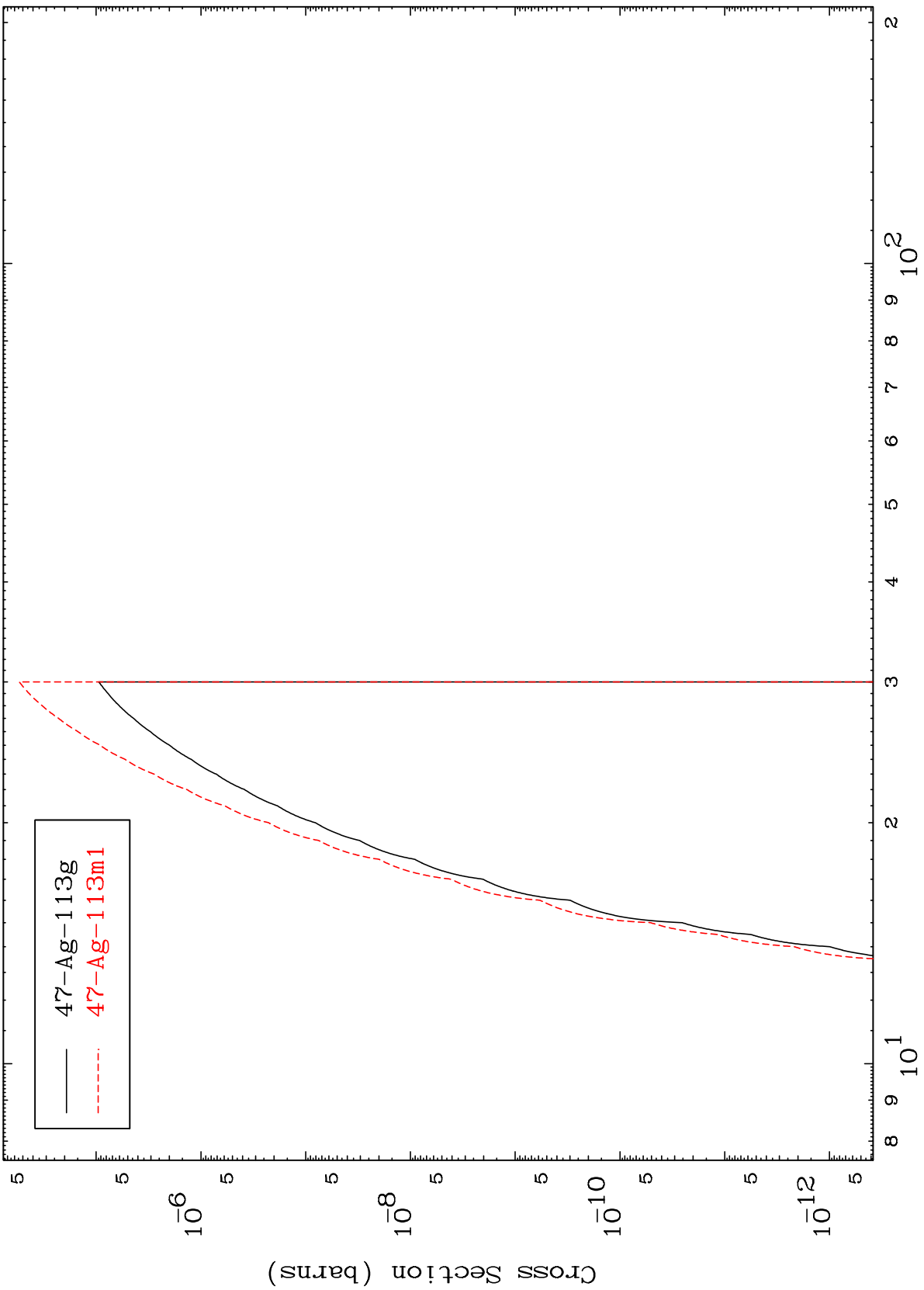
(n, α)
Radionuclide Production Cross Section



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49-In-114

(n,2p)
Radionuclide Production Cross Section

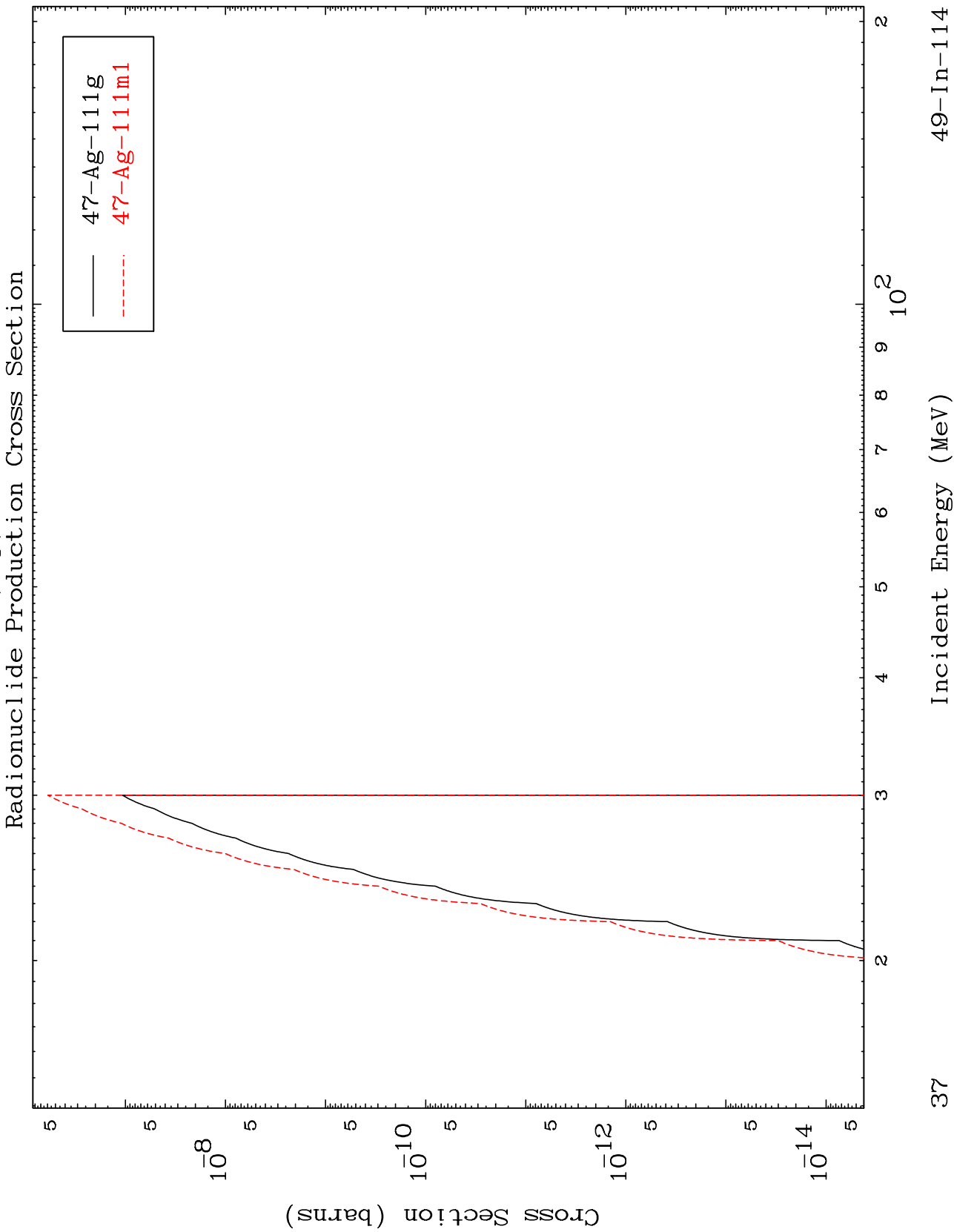


— 47-Ag-113g
- - - 47-Ag-113m1

49-In-114

Incident Energy (MeV)

36

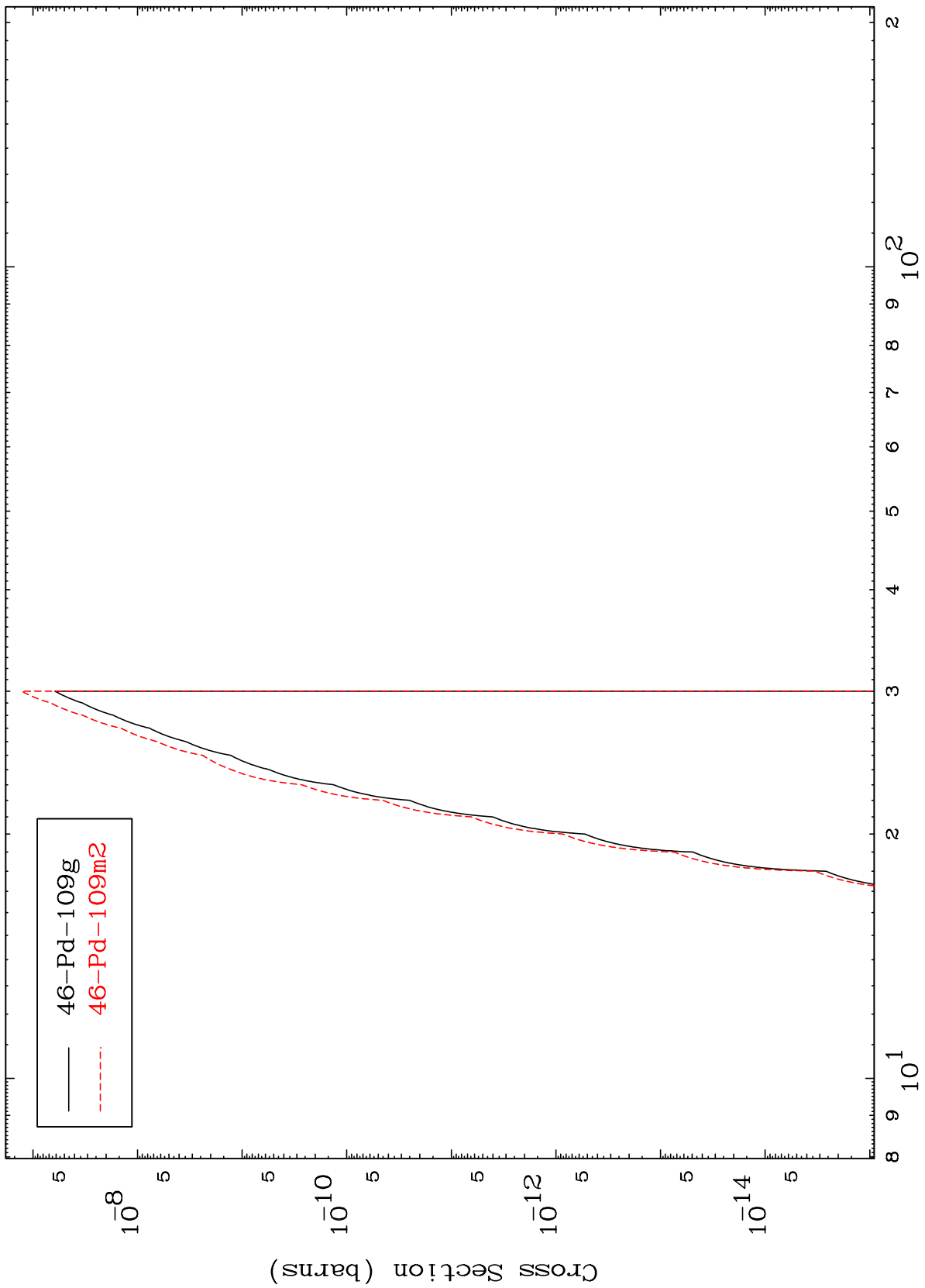


MAT 4929

(n,d) α

49-In-114

Radionuclide Production Cross Section



38

Incident Energy (MeV)

49-In-114