

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

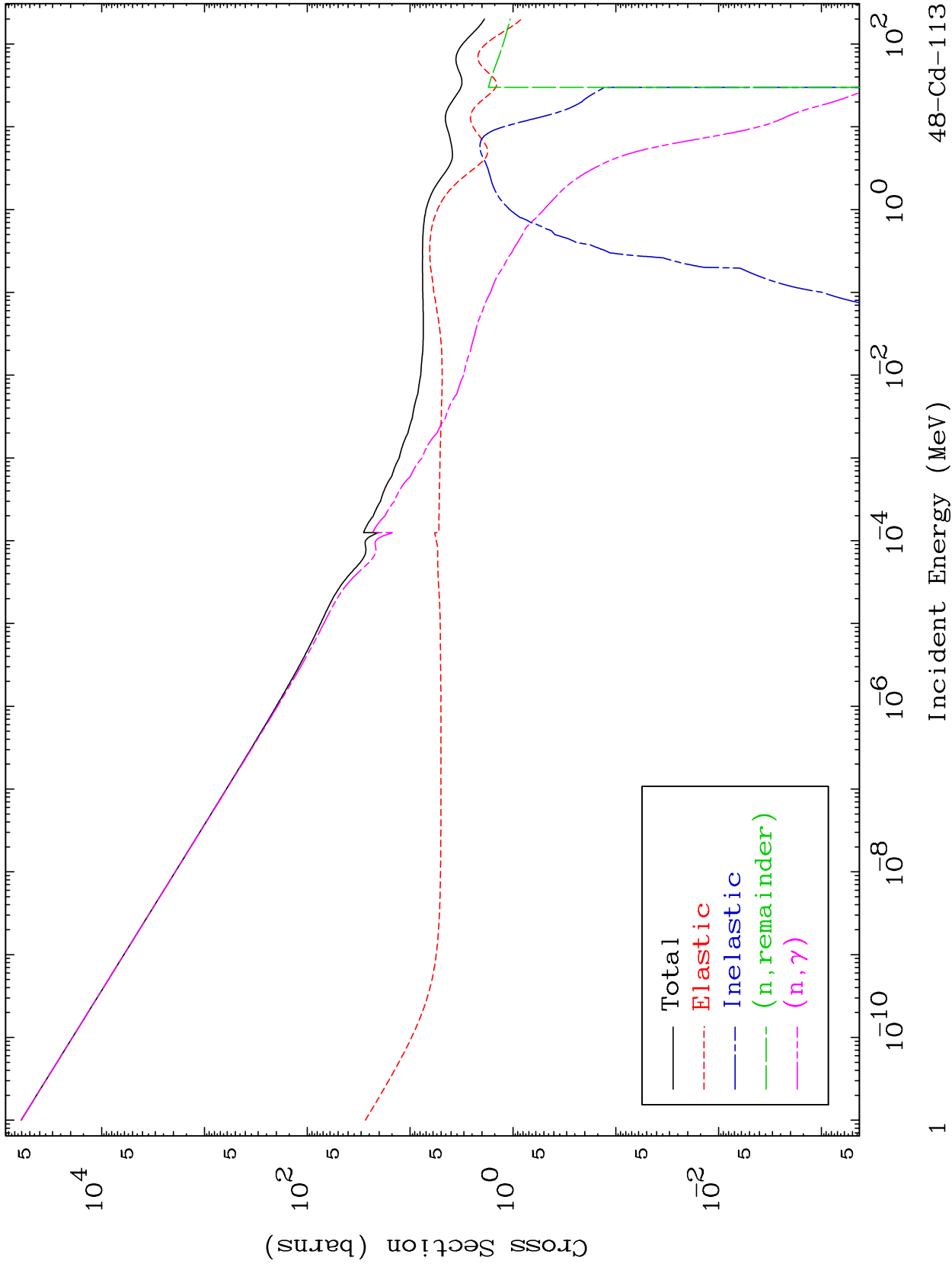
Press Mouse Button to Start

MAT 4847

Major

293 Kelvin Cross Sections

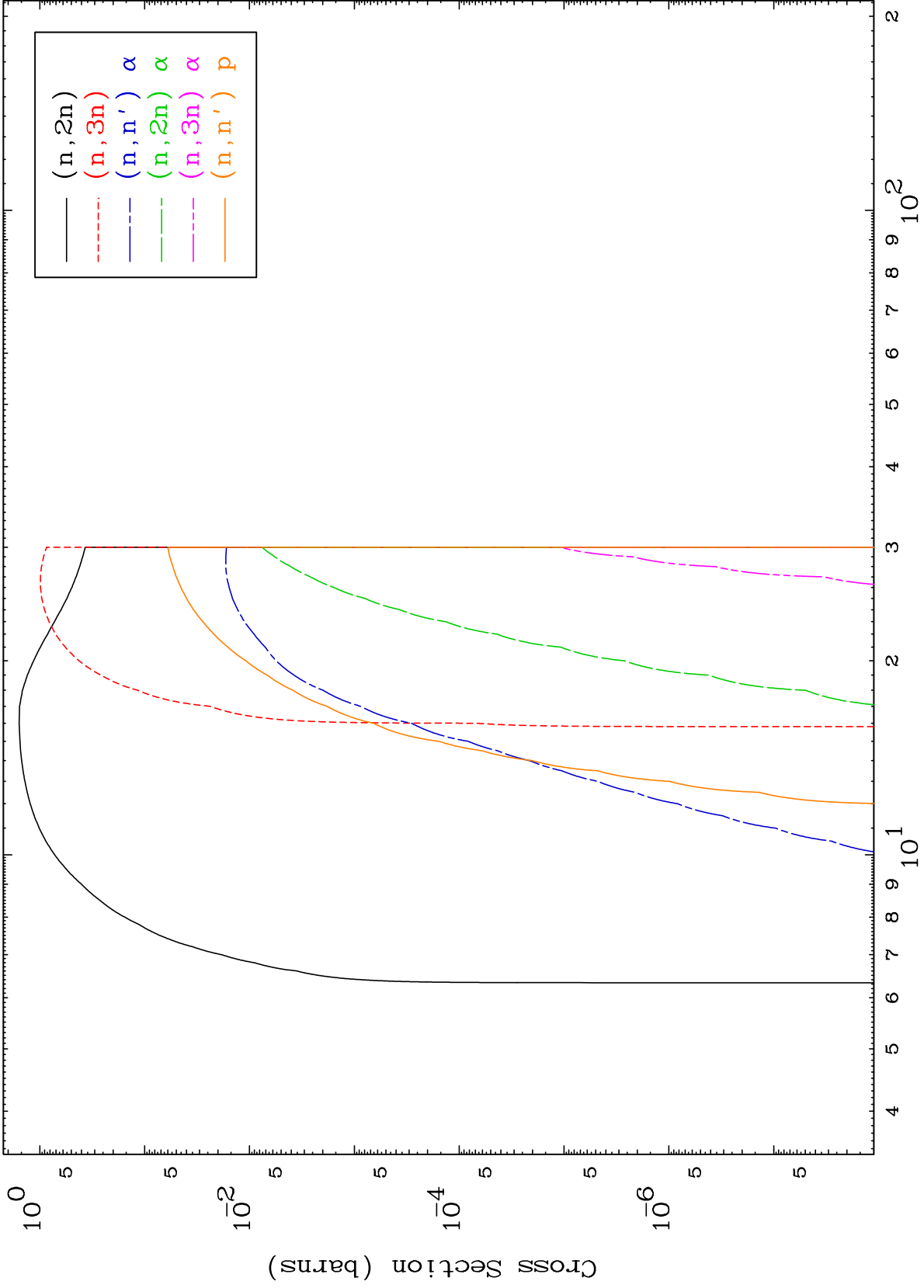
48-Cd-113



MAT 4847

Neutron Production
293 Kelvin Cross Sections

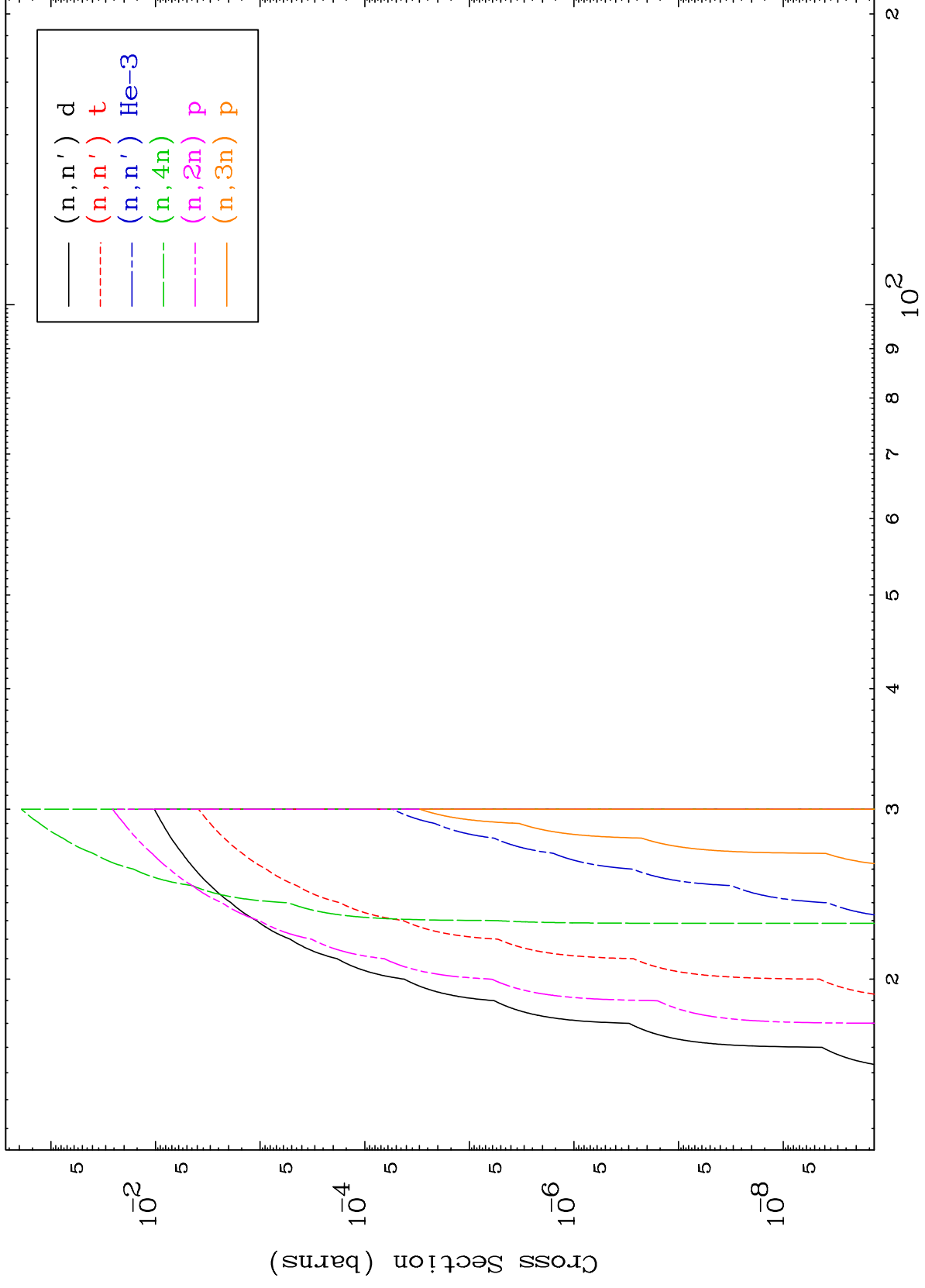
48-Cd-113



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Incident Energy (MeV)

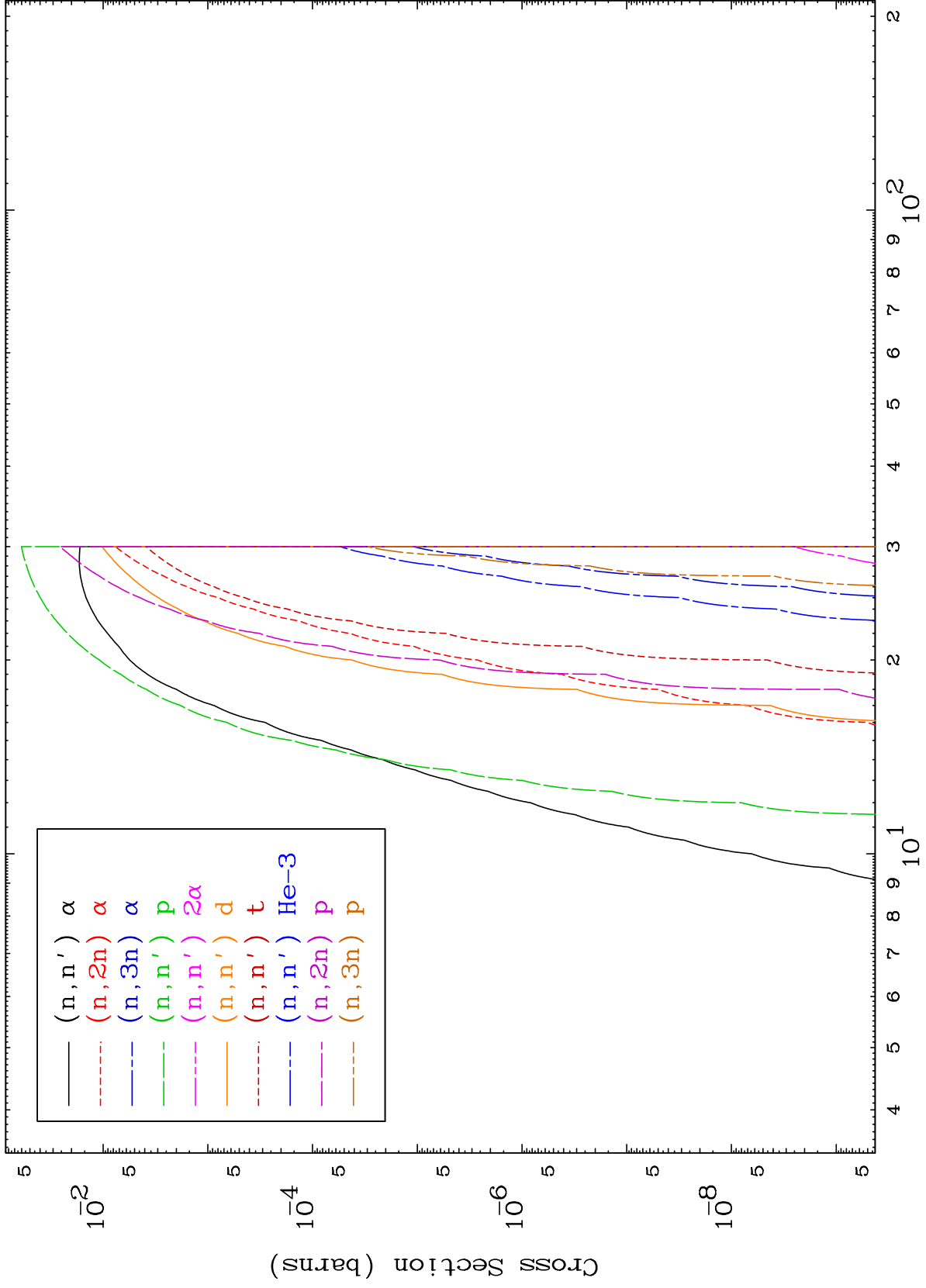
48-Cd-113



MAT 4847

Charged Particle
293 Kelvin Cross Sections

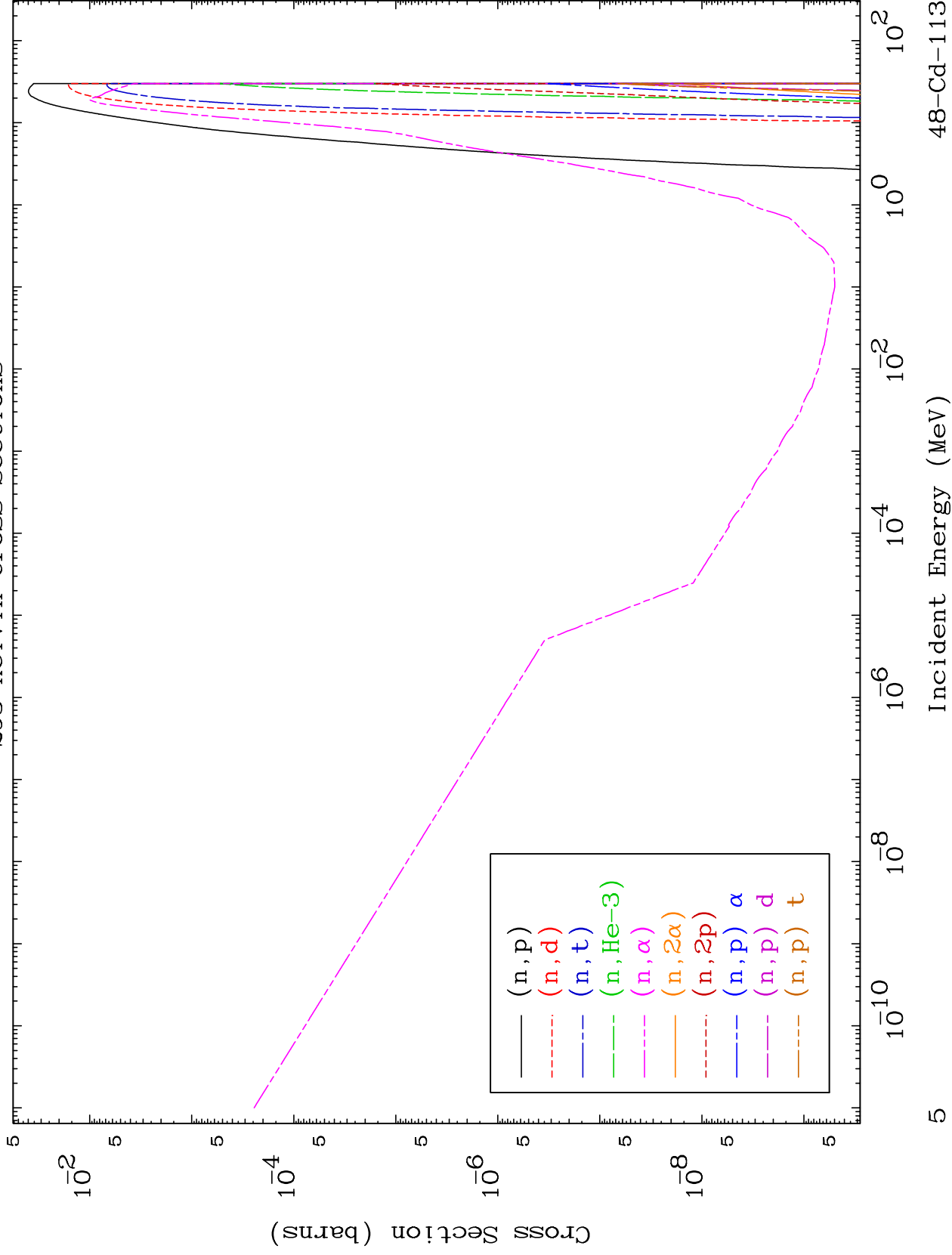
48-Cd-113



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Charged Particle
293 Kelvin Cross Sections

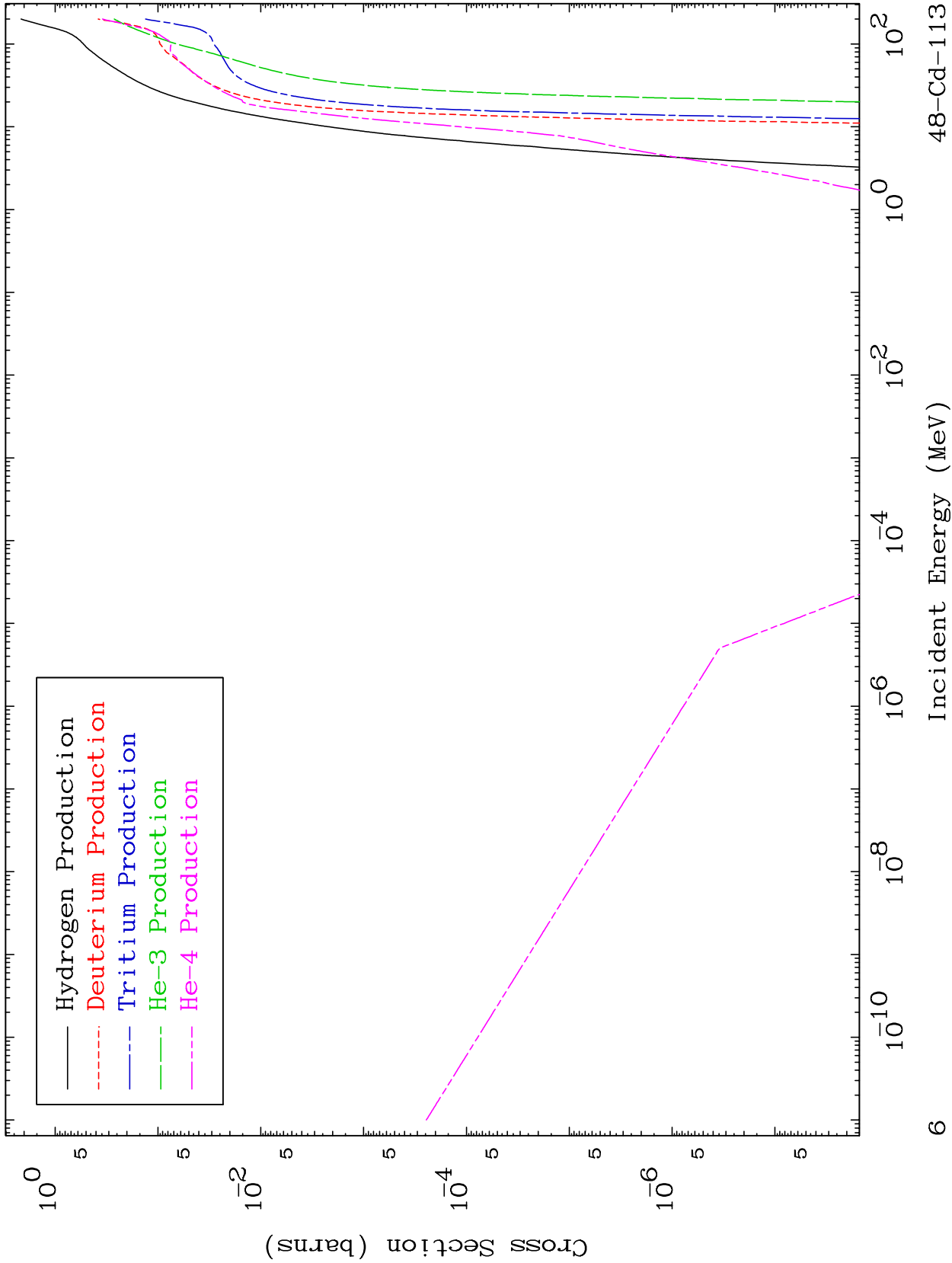
48-Cd-113



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Particle Production
293 Kelvin Cross Sections

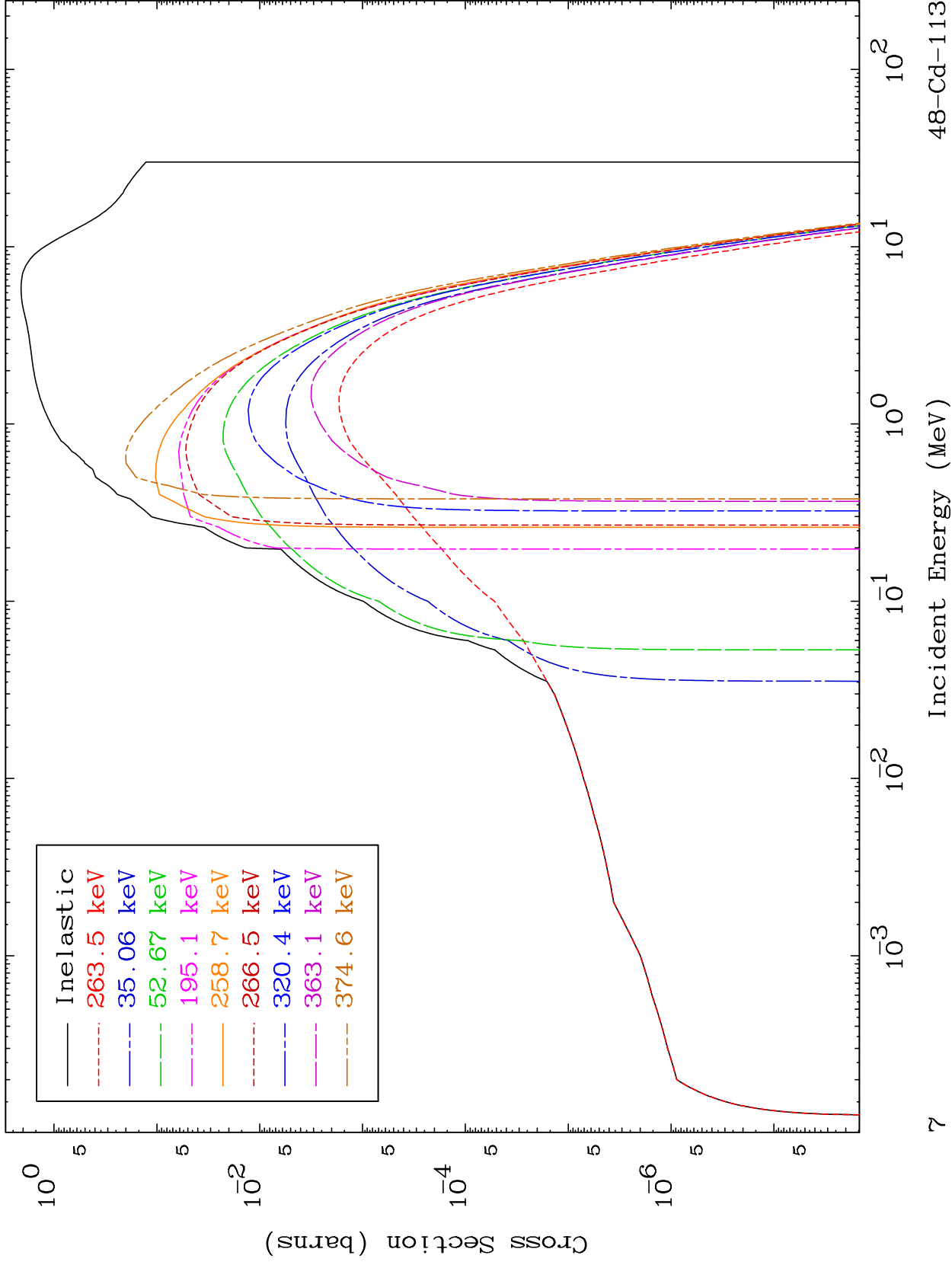
48-Cd-113



MAT 4847

(n,n') Level
293 Kelvin Cross Sections

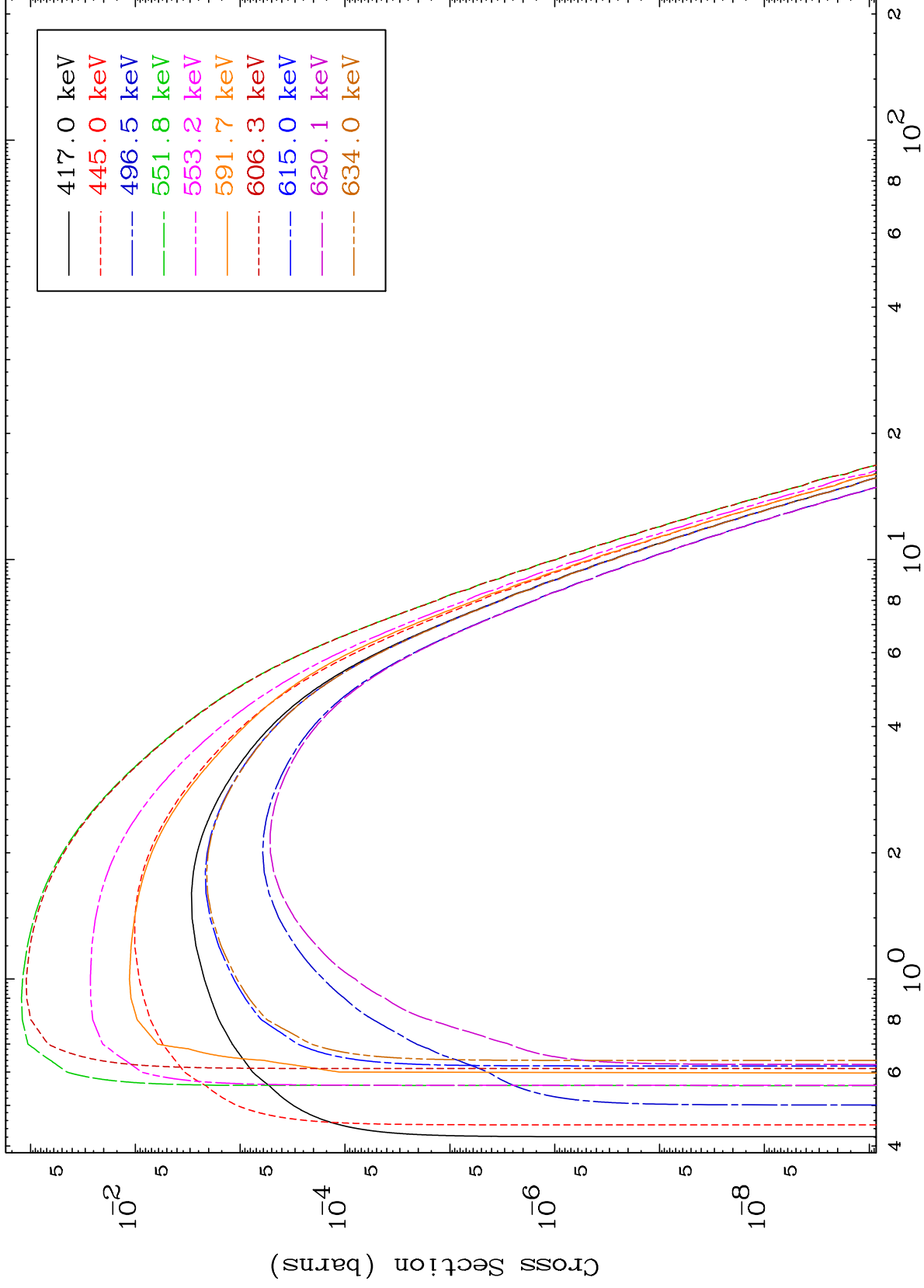
48-Cd-113



MAT 4847

(n,n') Level
293 Kelvin Cross Sections

48-Cd-113



8

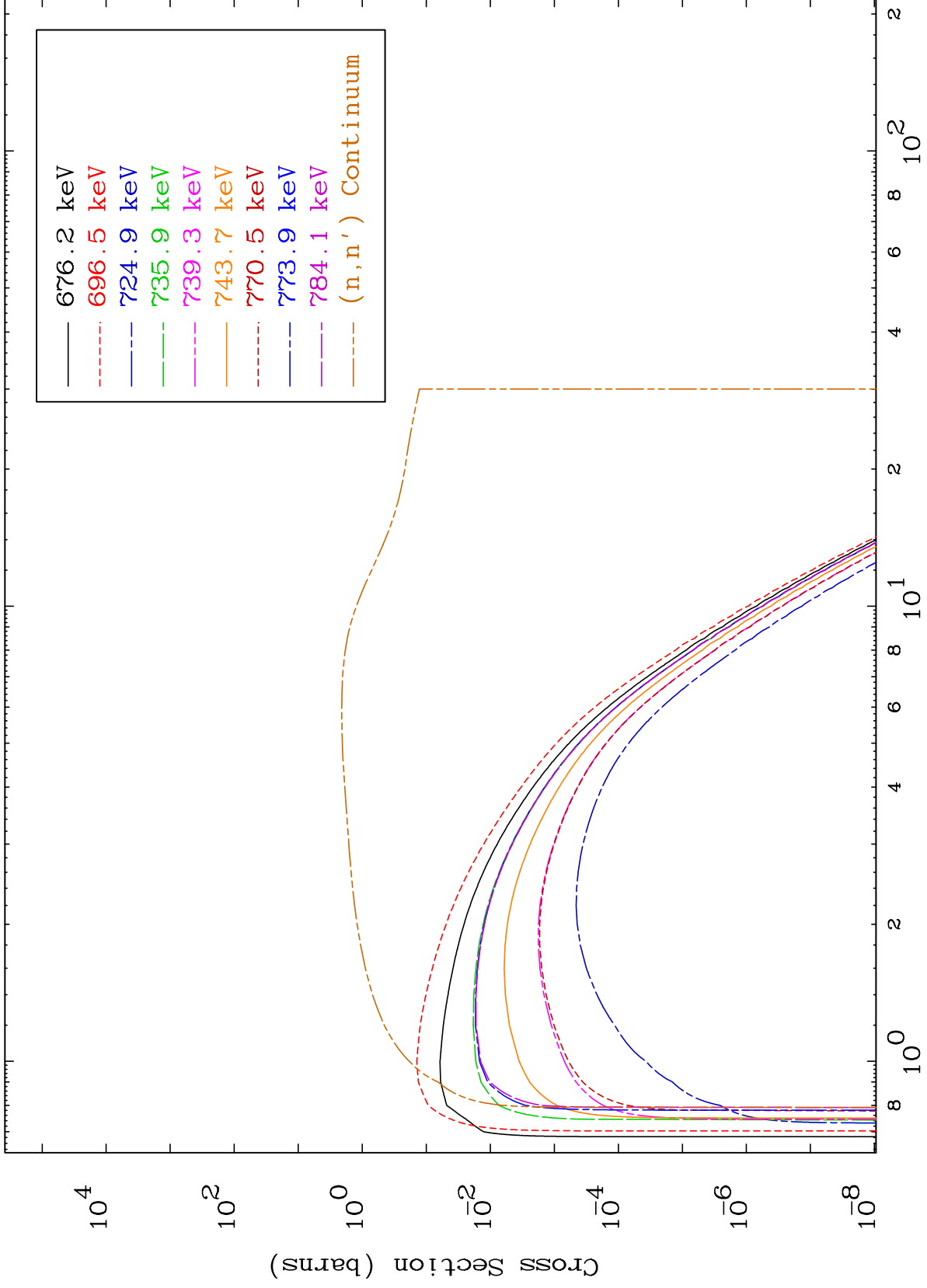
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,n') Level
293 Kelvin Cross Sections

48-Cd-113



9

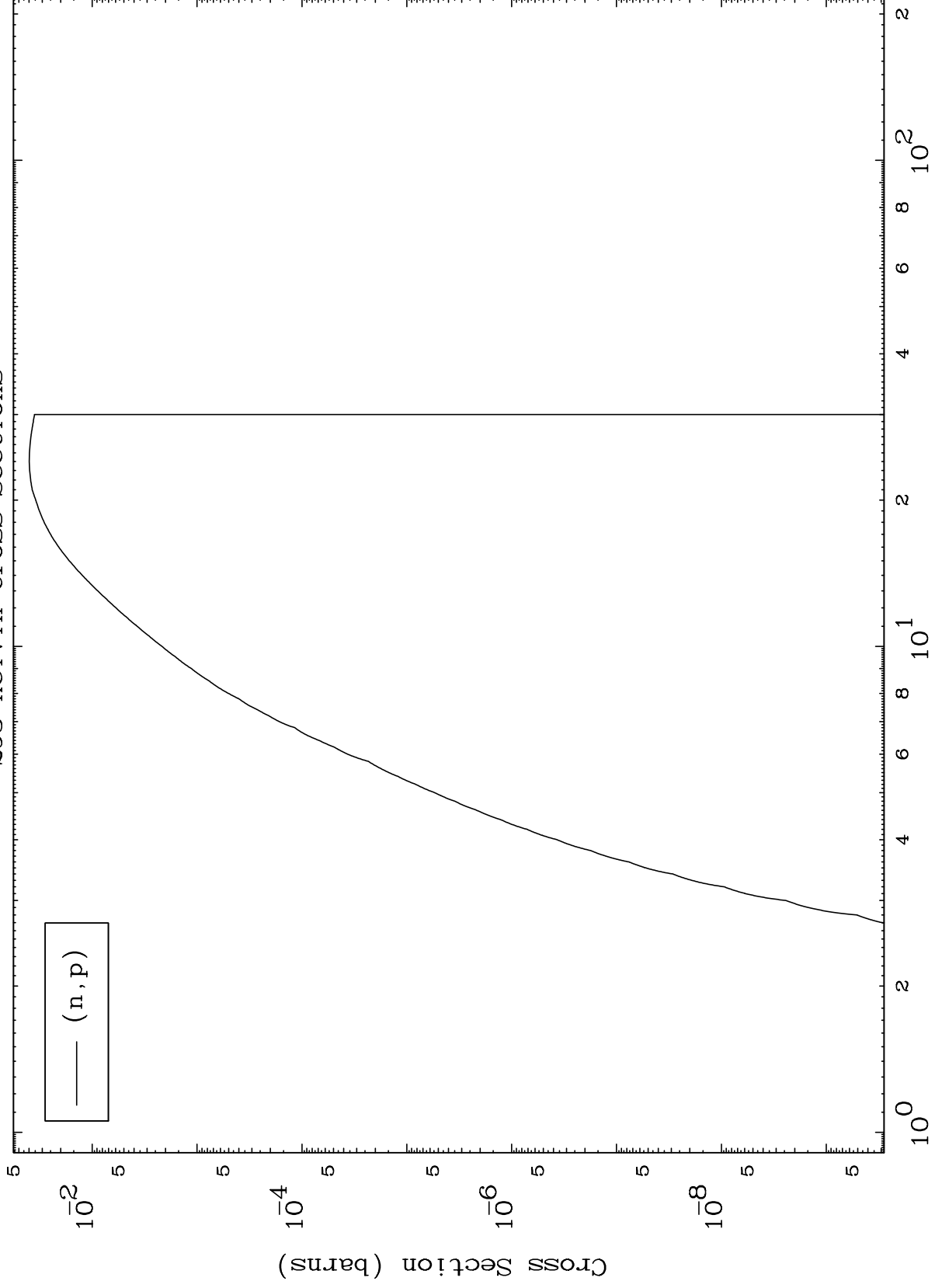
Incident Energy (MeV)

48-Cd-113

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(n,p) Levels
293 Kelvin Cross Sections

48-Cd-113



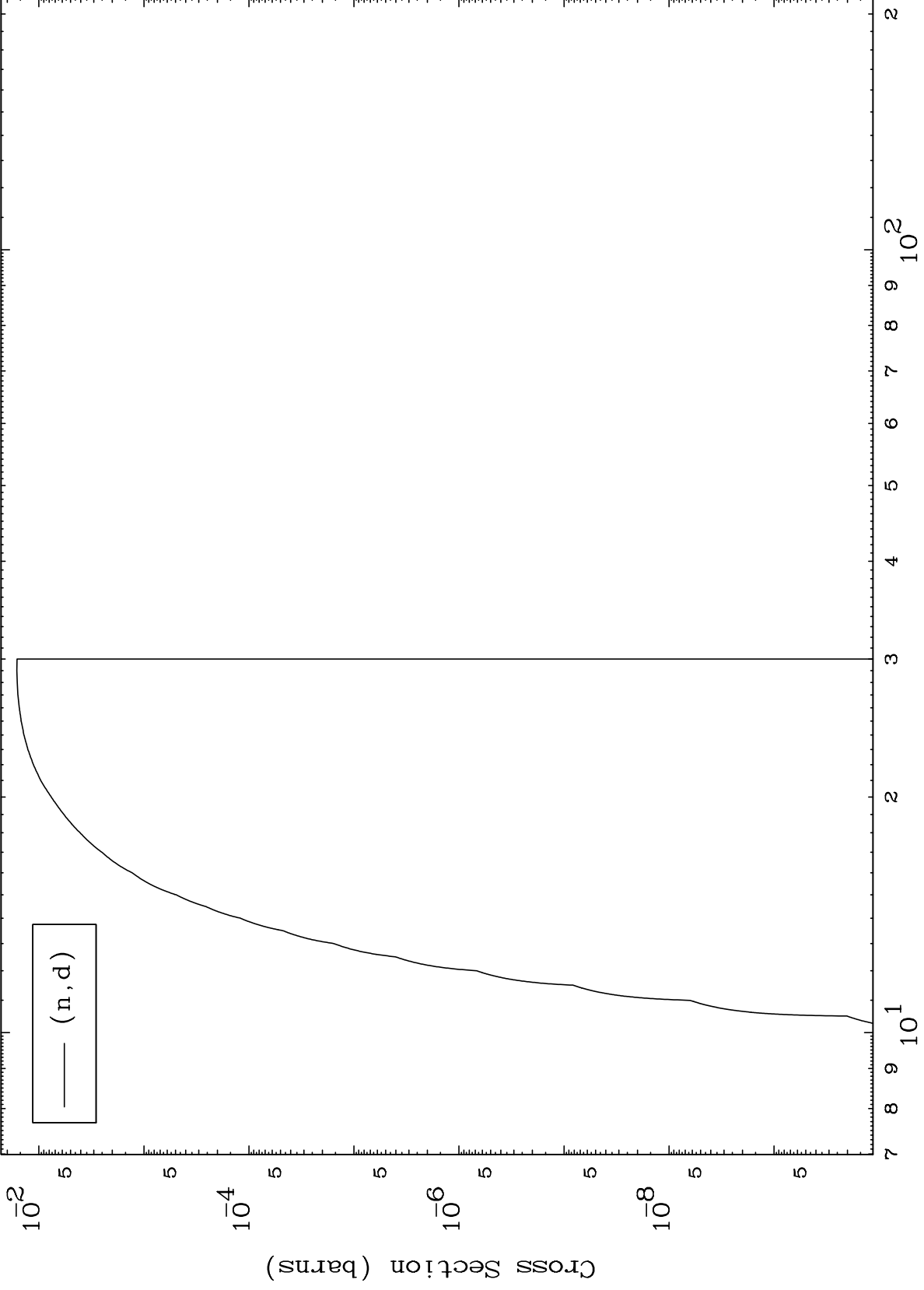
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-113



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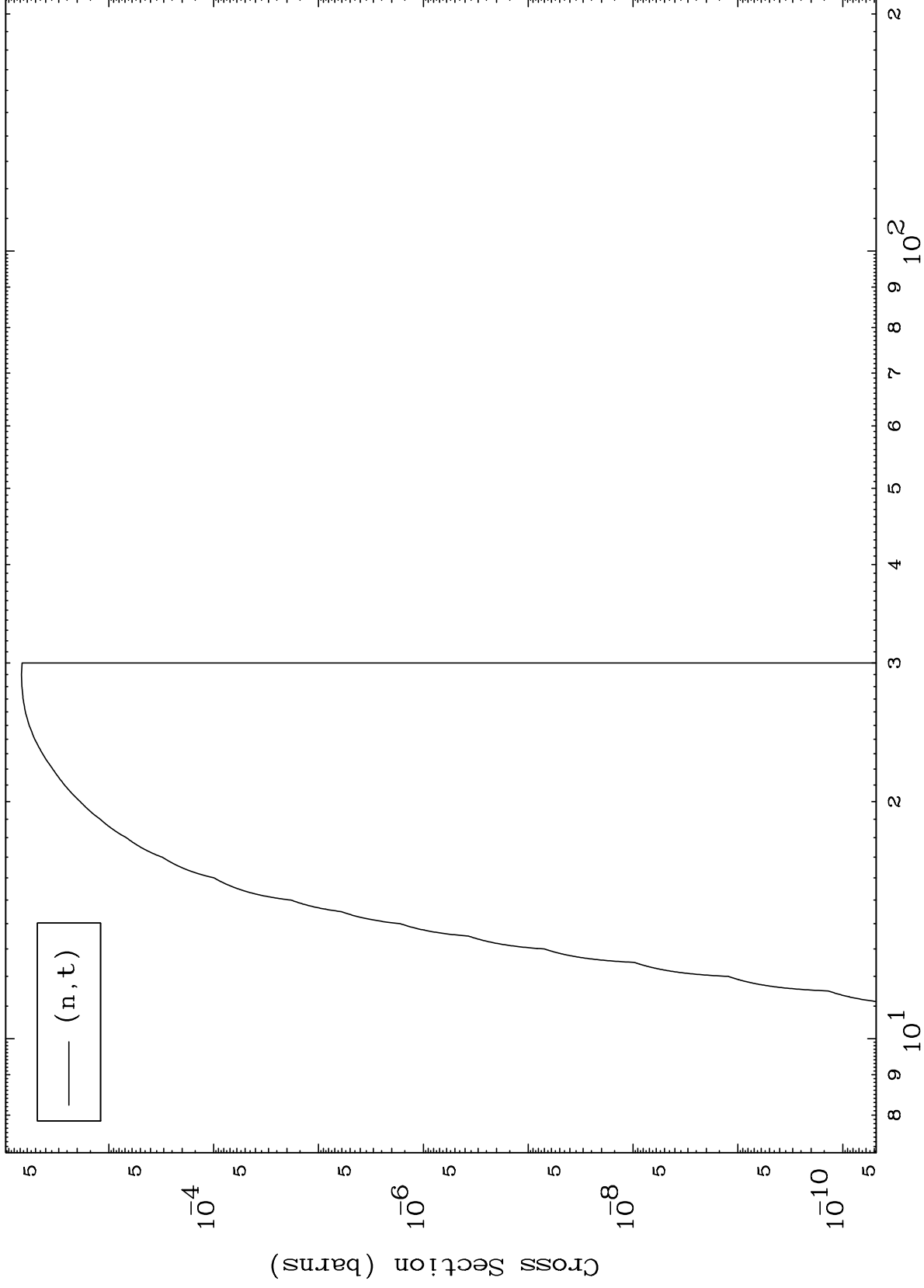
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-113



12

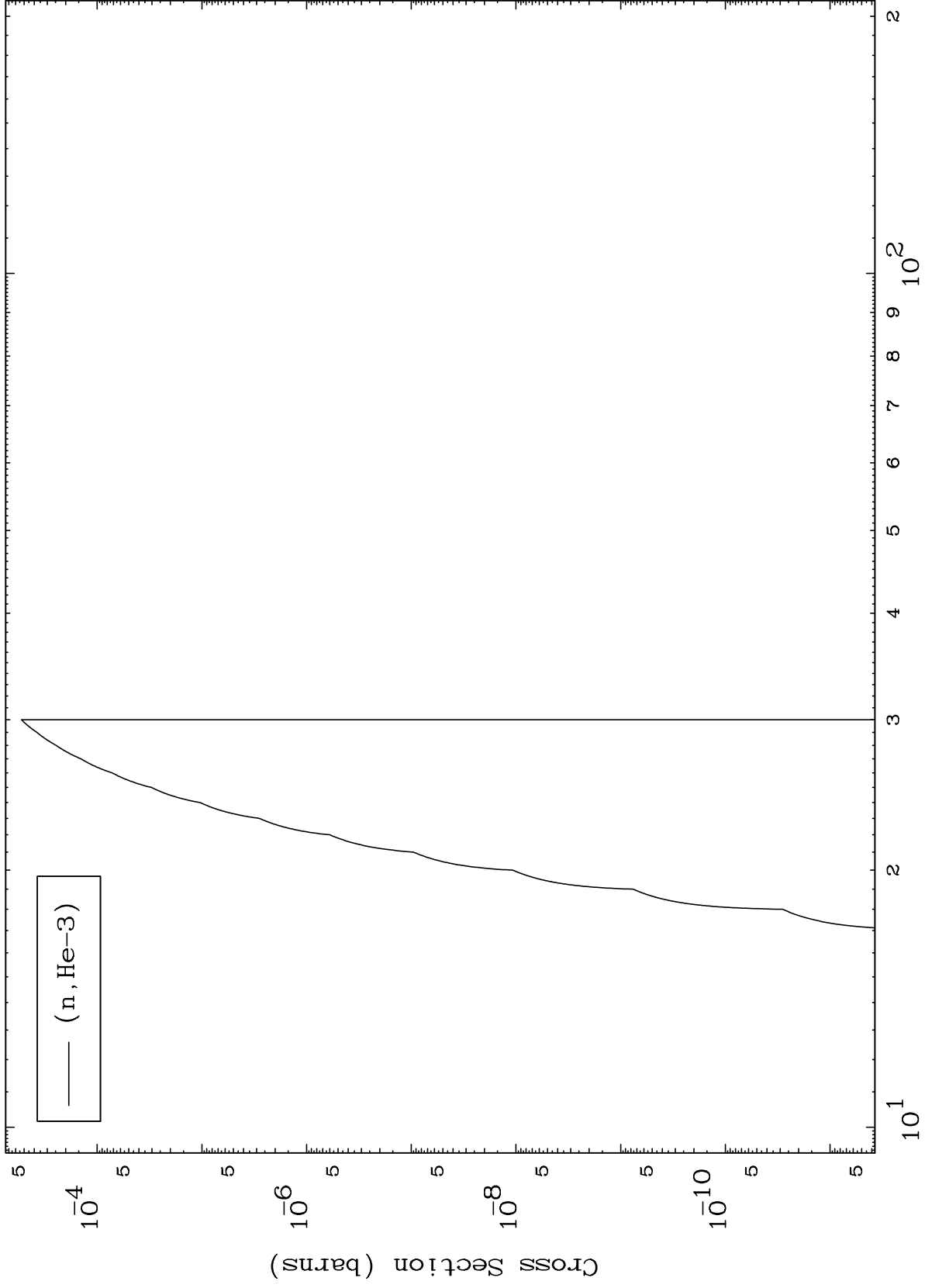
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,He3) Levels
293 Kelvin Cross Sections

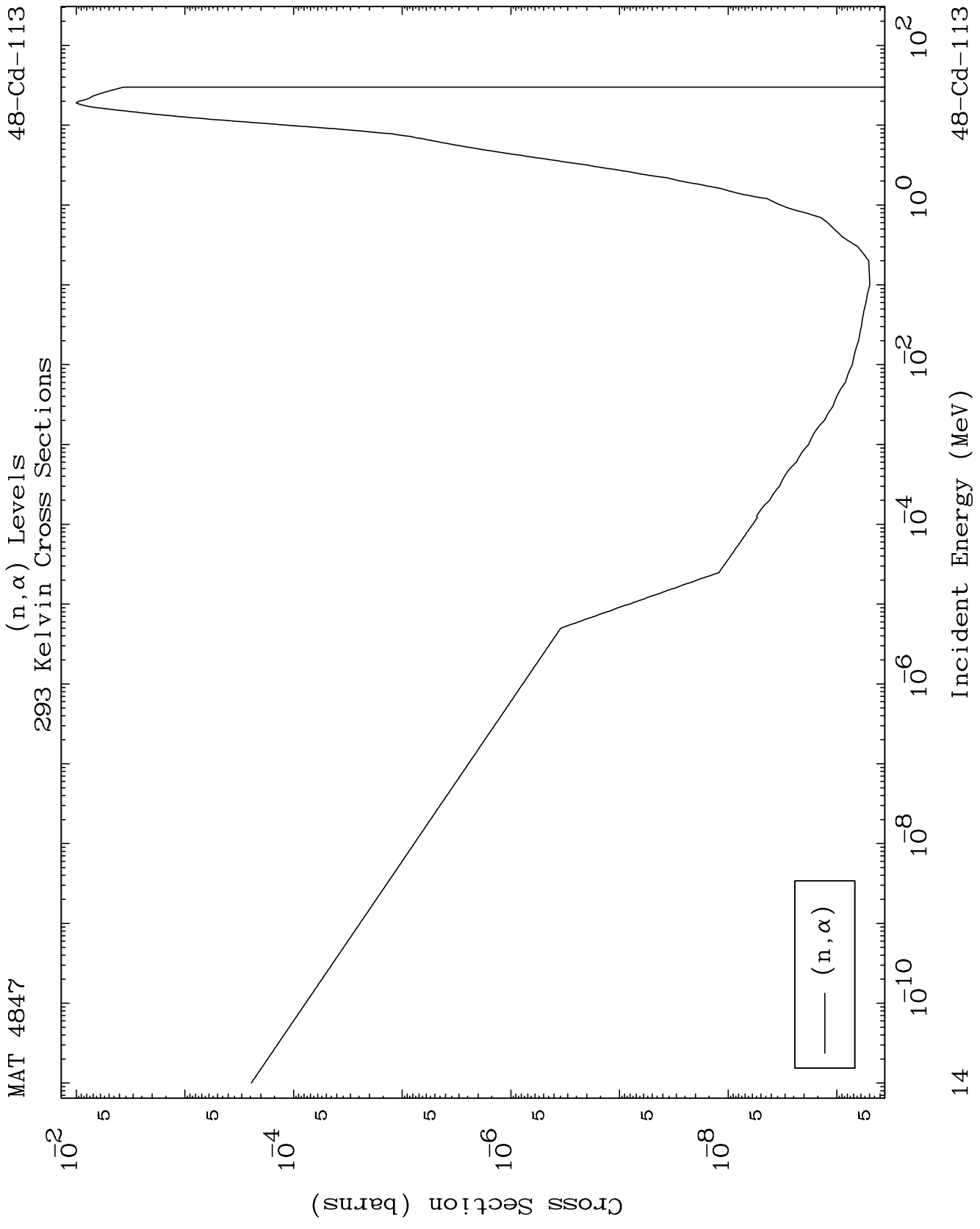
48-Cd-113

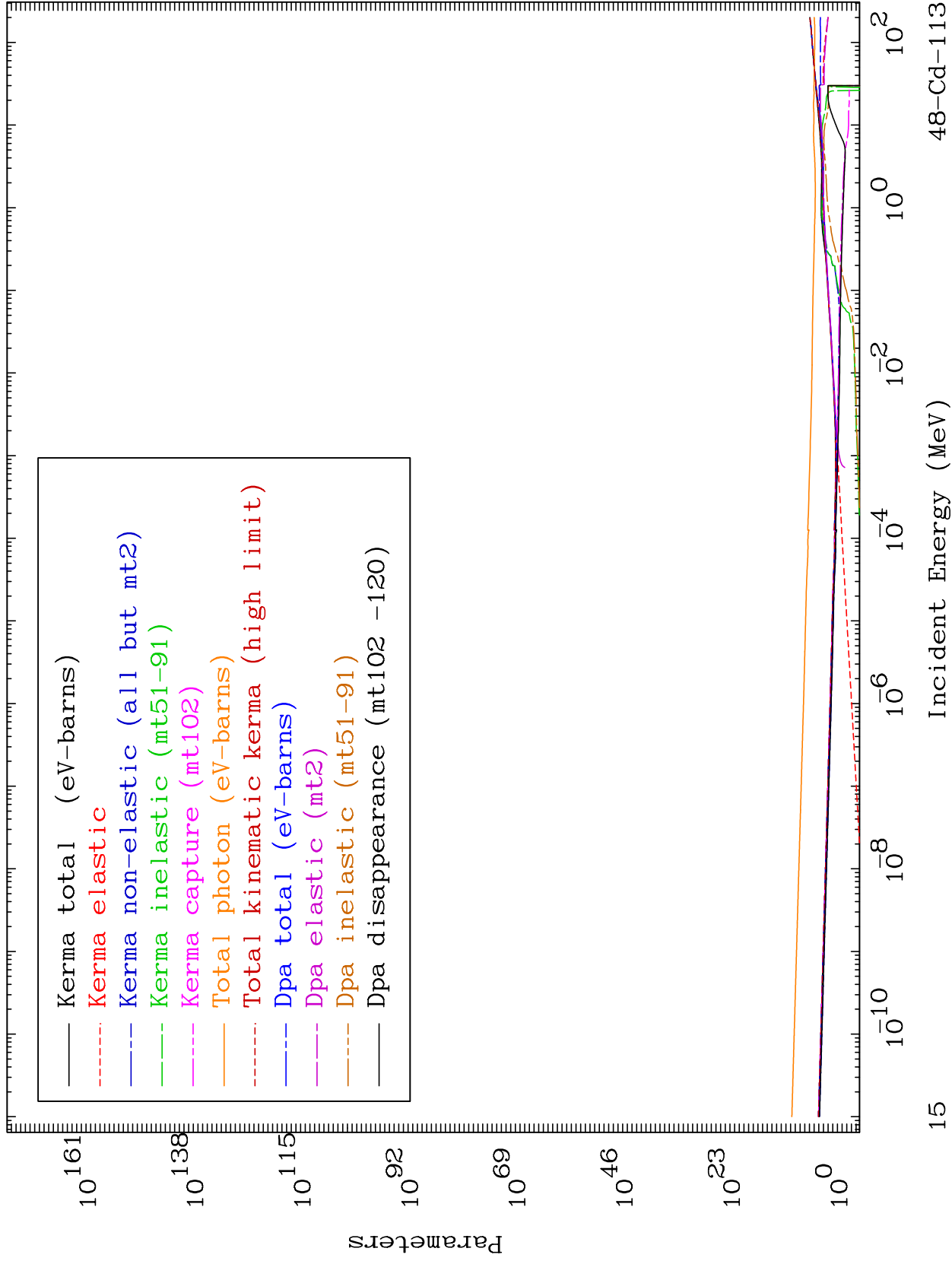


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Incident Energy (MeV)

48-Cd-113

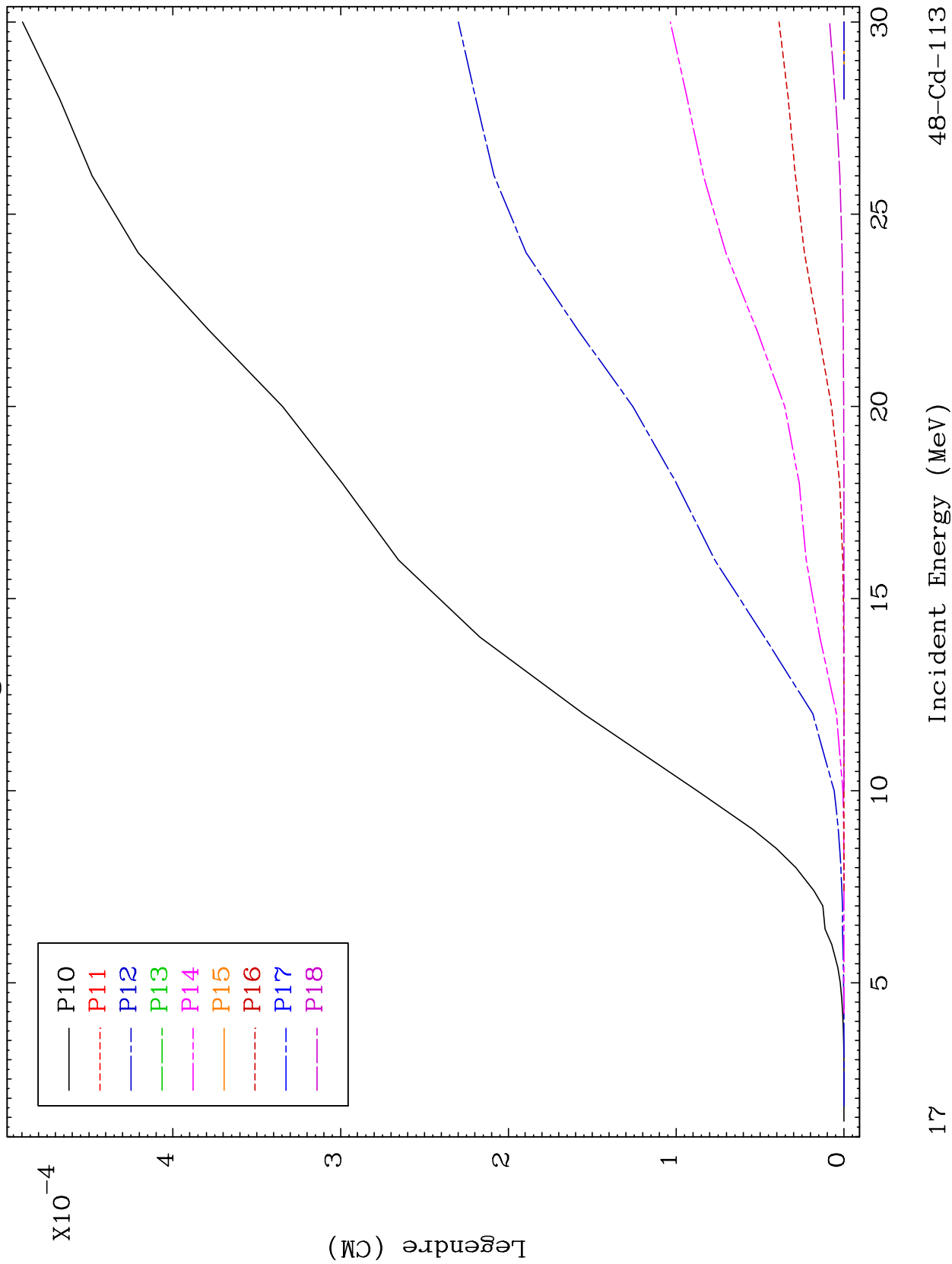




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Elastic Legendre Coefficients

48-Cd-113

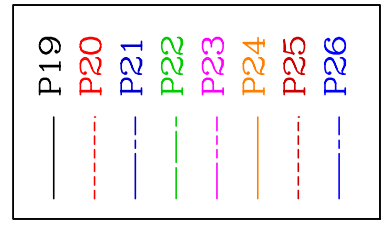


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Elastic Legendre Coefficients

48-Cd-113



$\times 10^{-7}$

Legendre (CM)



18

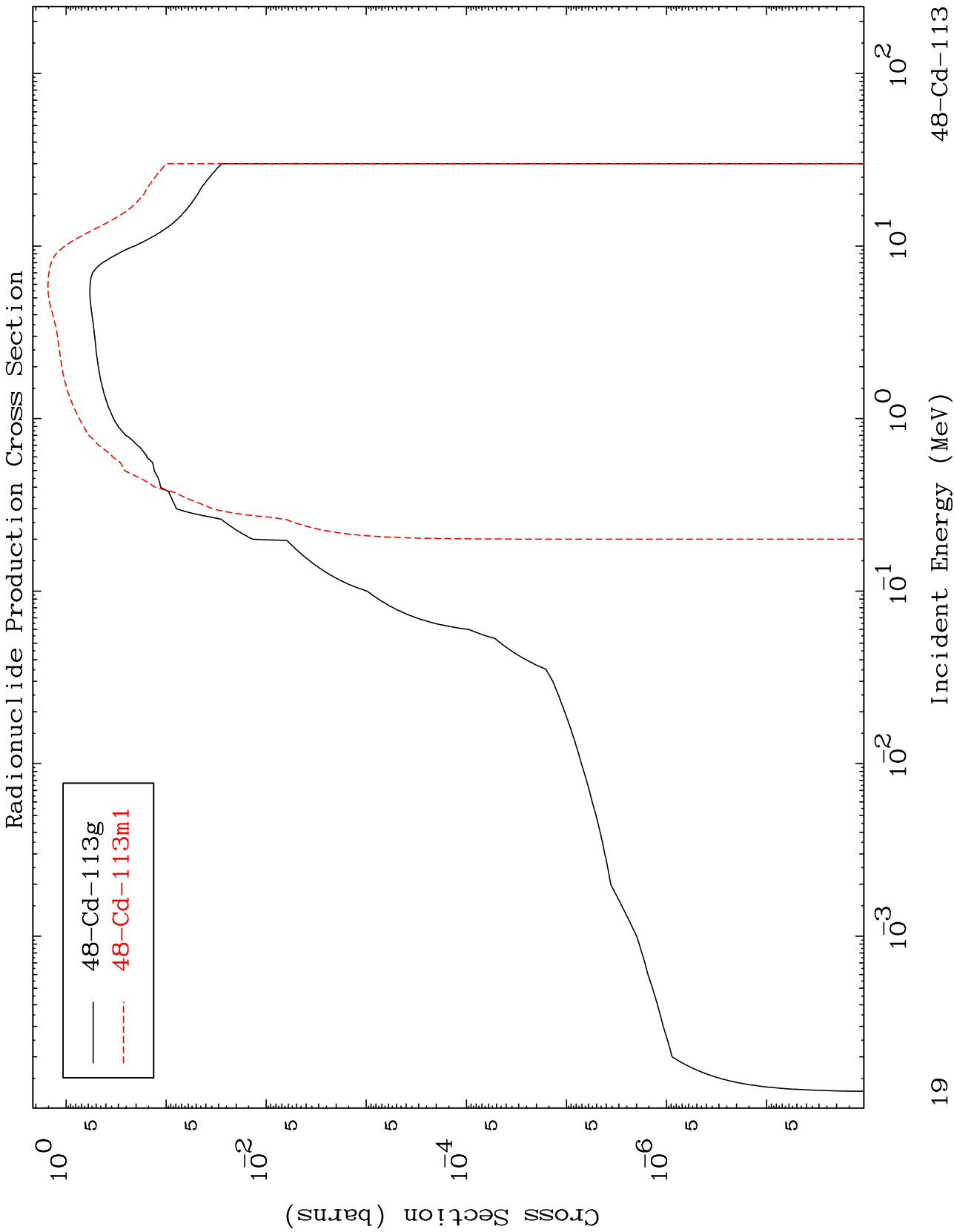
Incident Energy (MeV)

48-Cd-113

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48-Cd-113

Inelastic
Radionuclide Production Cross Section

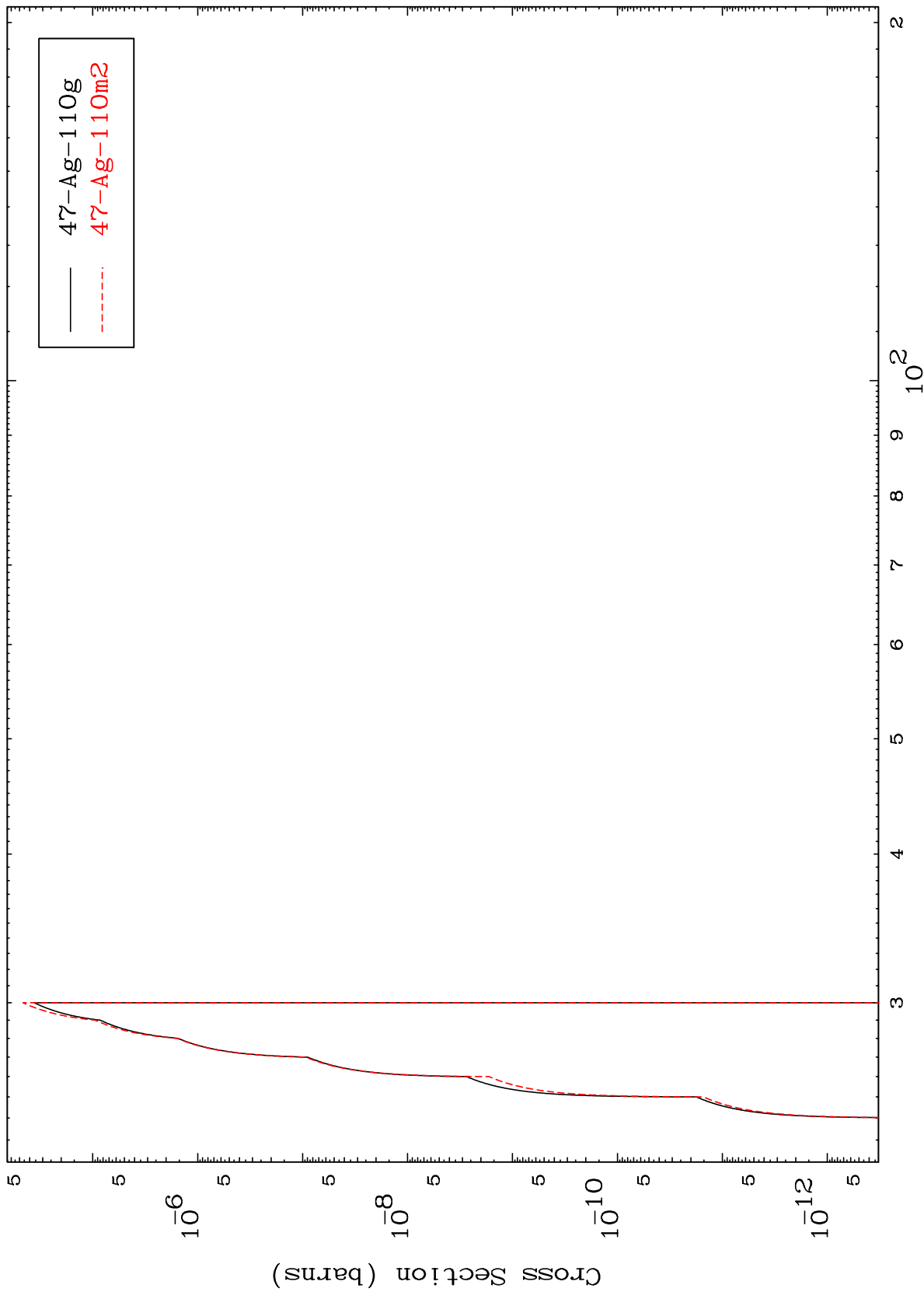


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(n,2n) d

48-Cd-113

Radionuclide Production Cross Section



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Incident Energy (MeV)

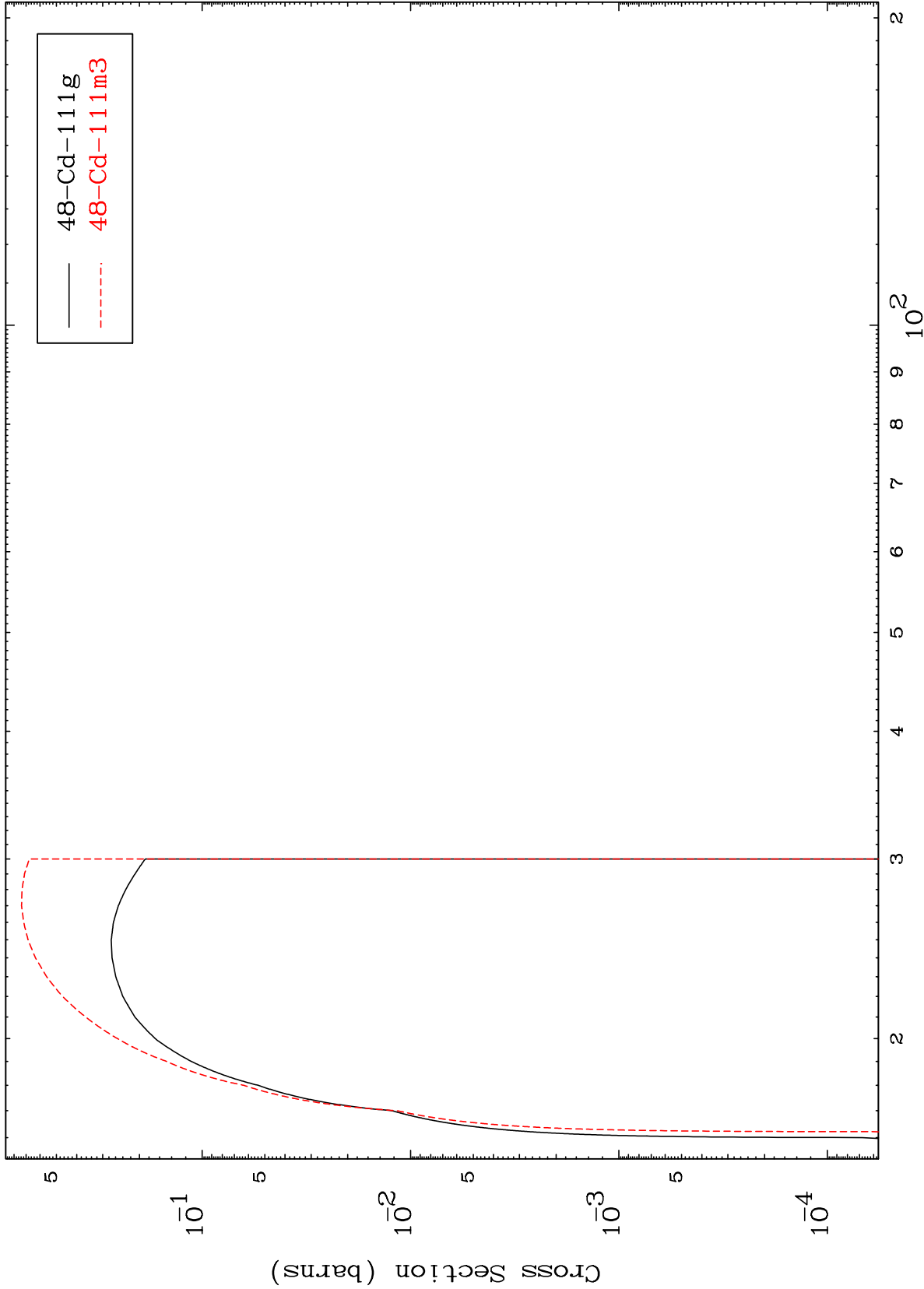
48-Cd-113

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(n,3n)

48-Cd-113

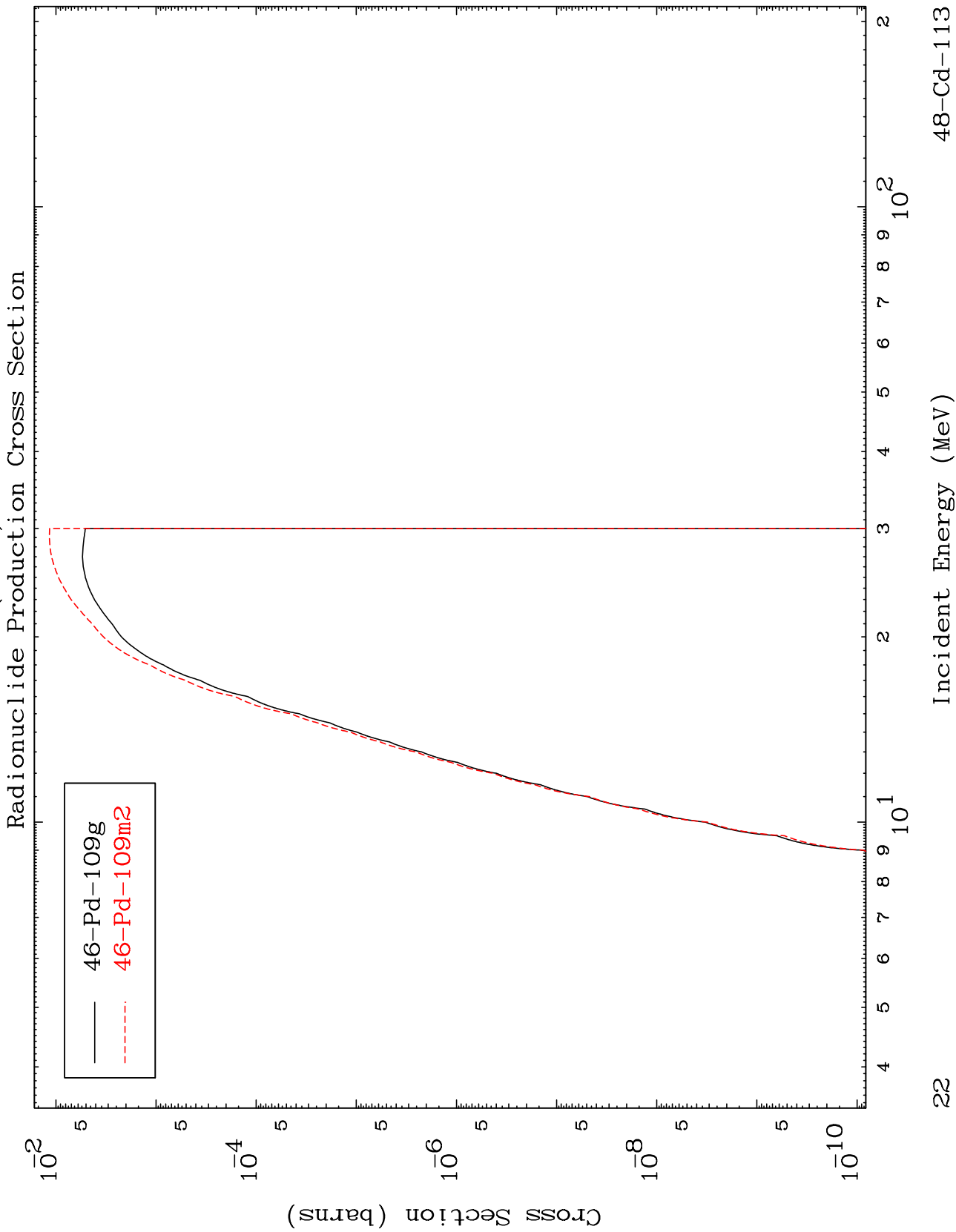
Radionuclide Production Cross Section



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(n,n') α

48-Cd-113

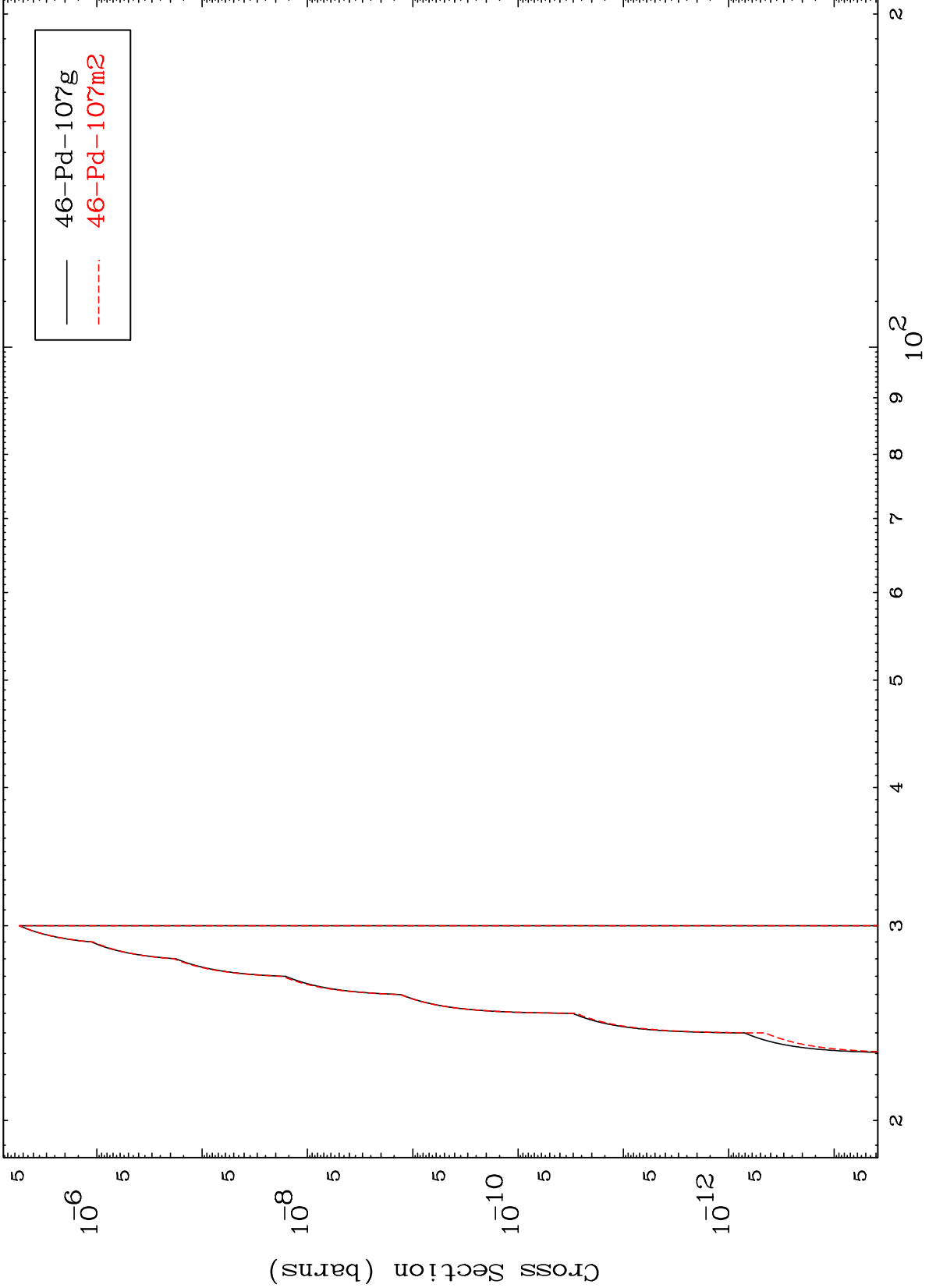


MAT 4847

(n,3n) α

48-Cd-113

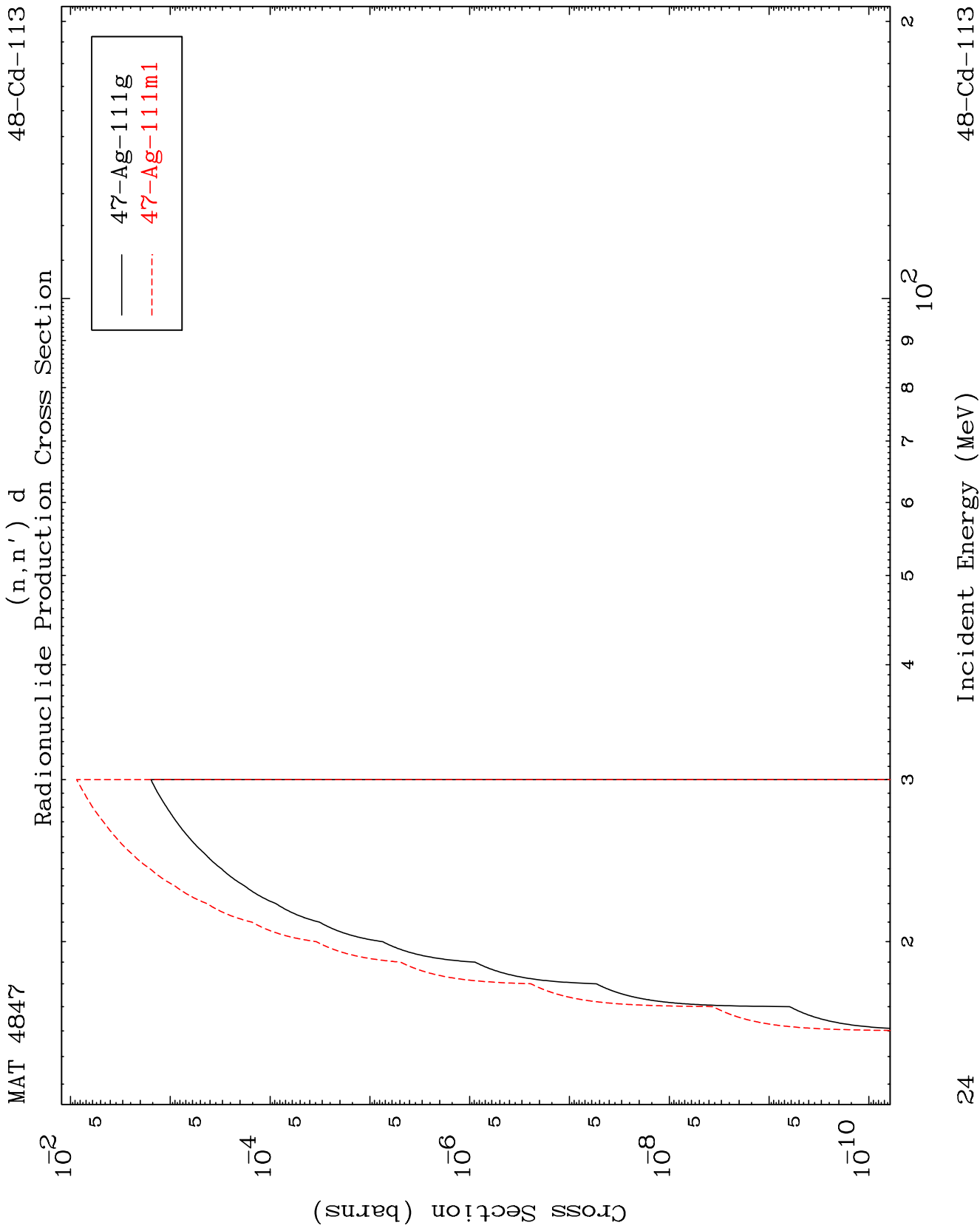
Radionuclide Production Cross Section



23

Incident Energy (MeV)

48-Cd-113

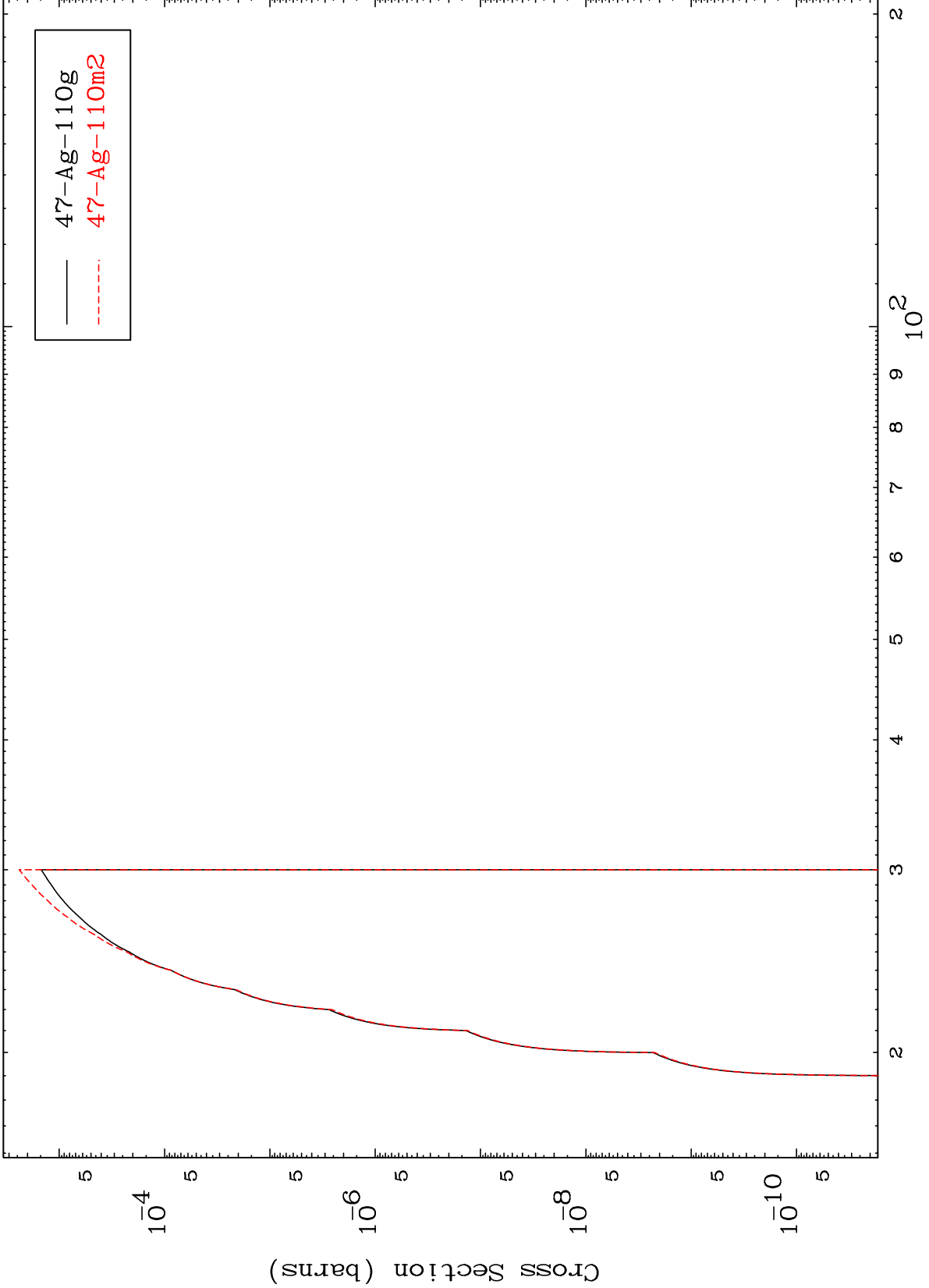


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(n,n') t

48-Cd-113

Radionuclide Production Cross Section

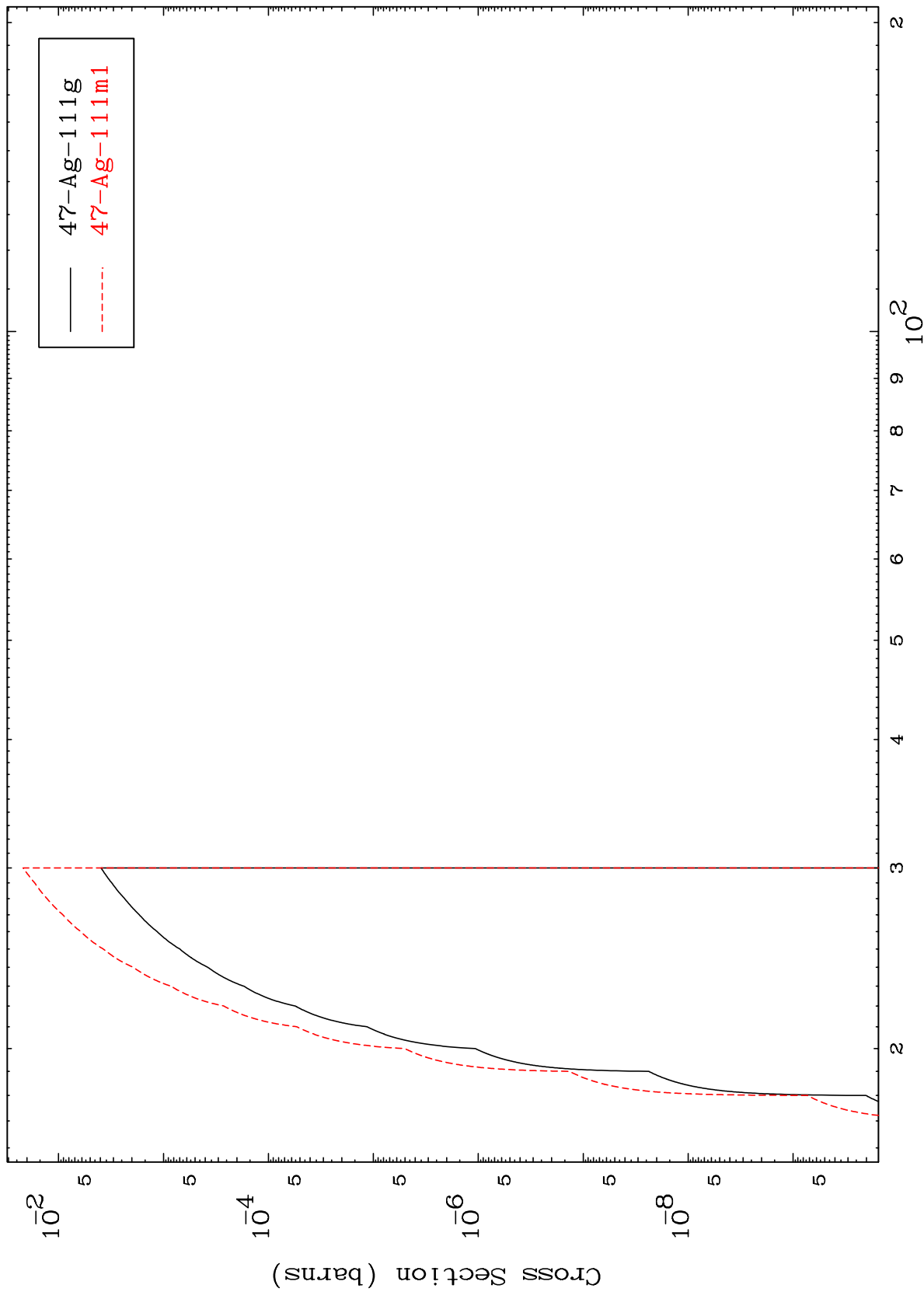


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Incident Energy (MeV)

48-Cd-113

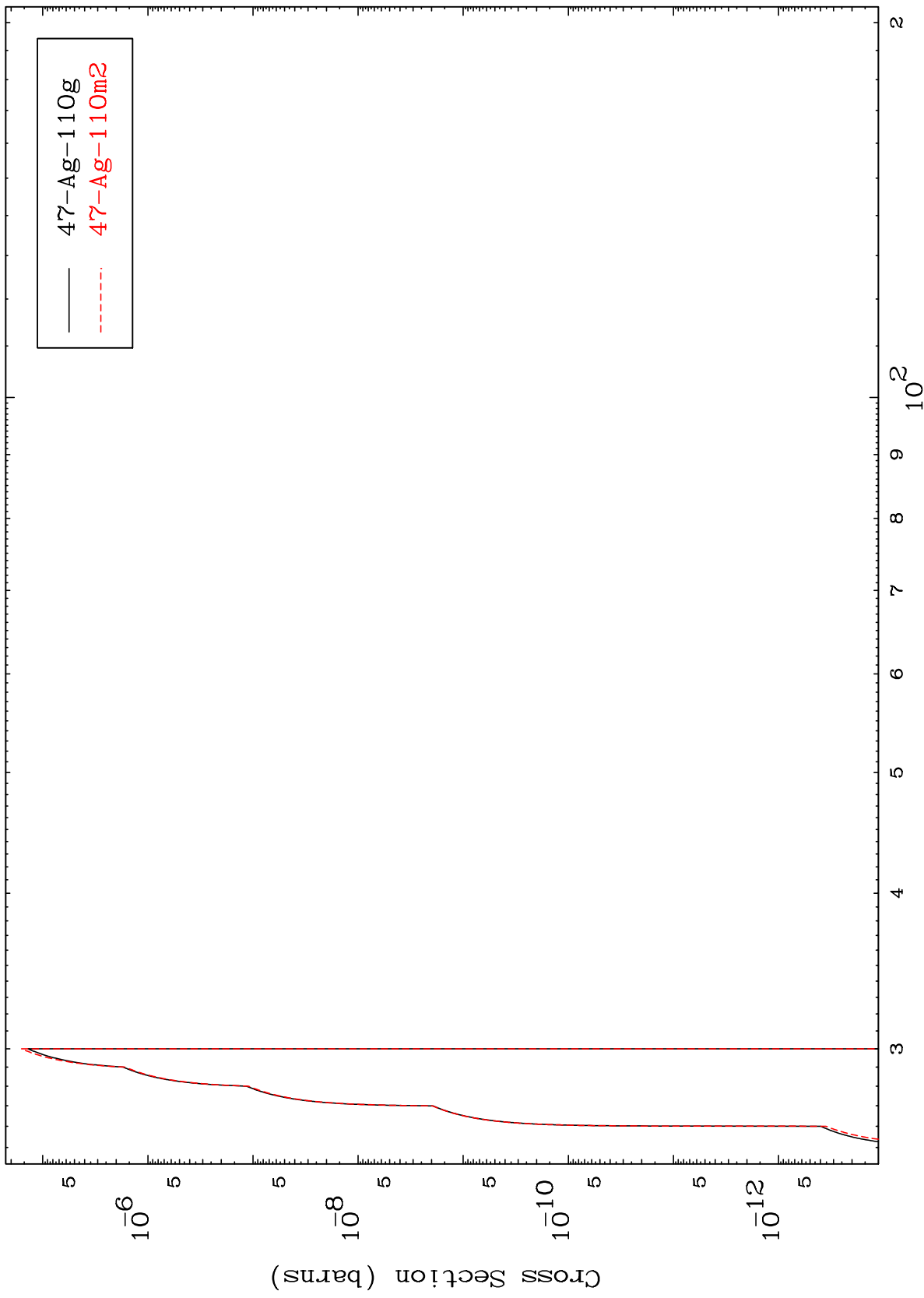
Radionuclide Production Cross Section



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48-Cd-113

(n,3n) p
Radionuclide Production Cross Section



27

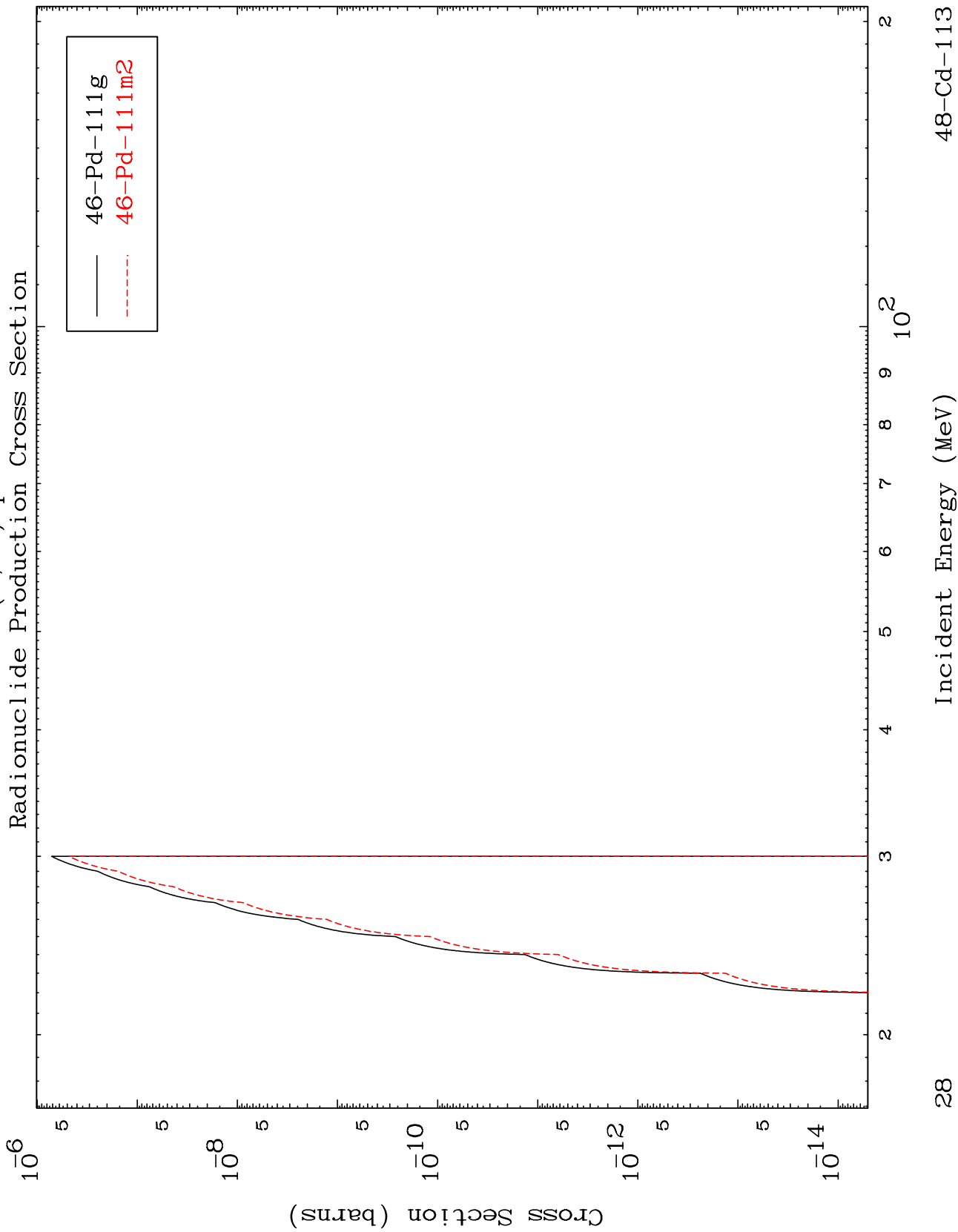
48-Cd-113

Incident Energy (MeV)

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(n,2n) p

48-Cd-113



28

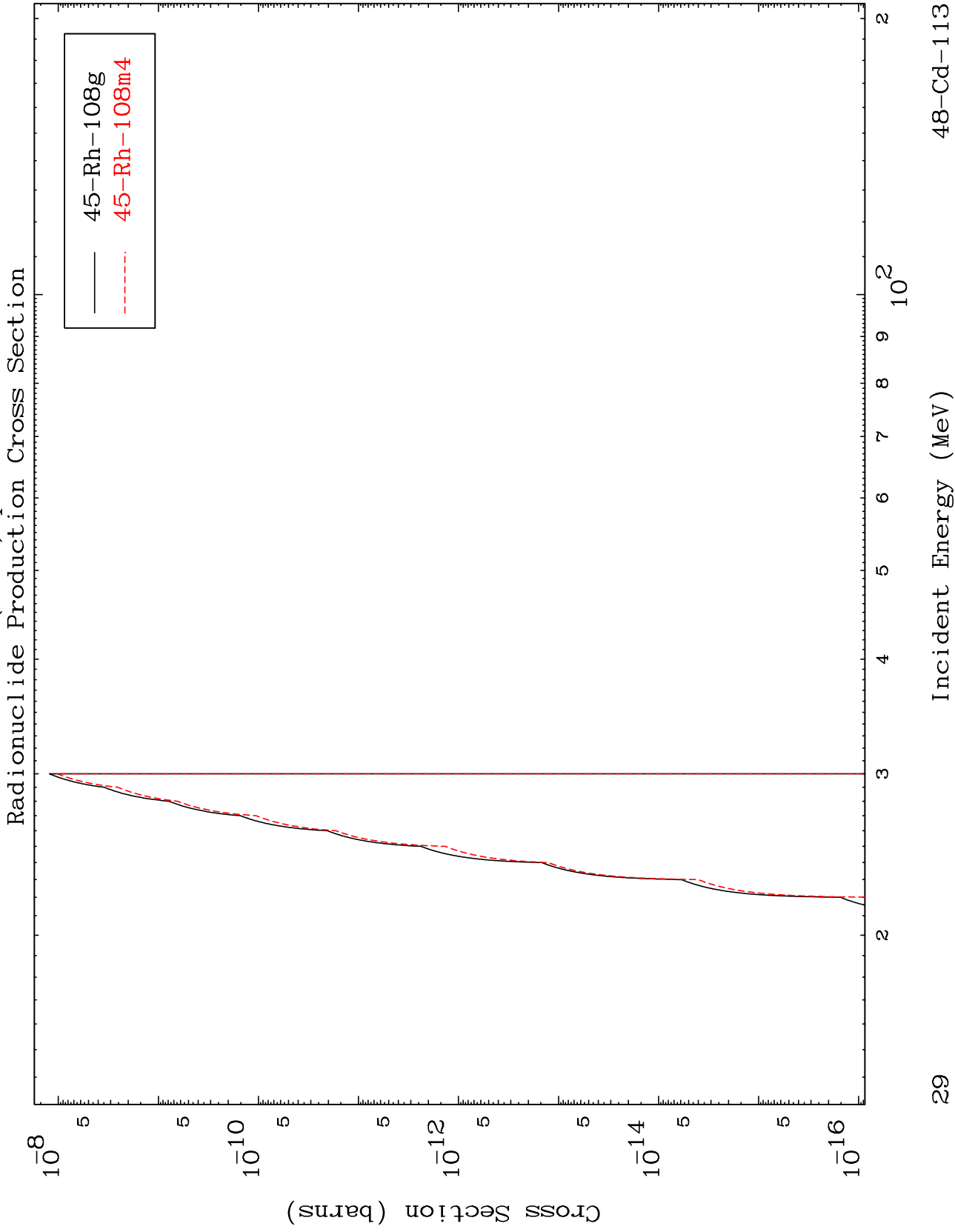
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,n') p α

48-Cd-113



29

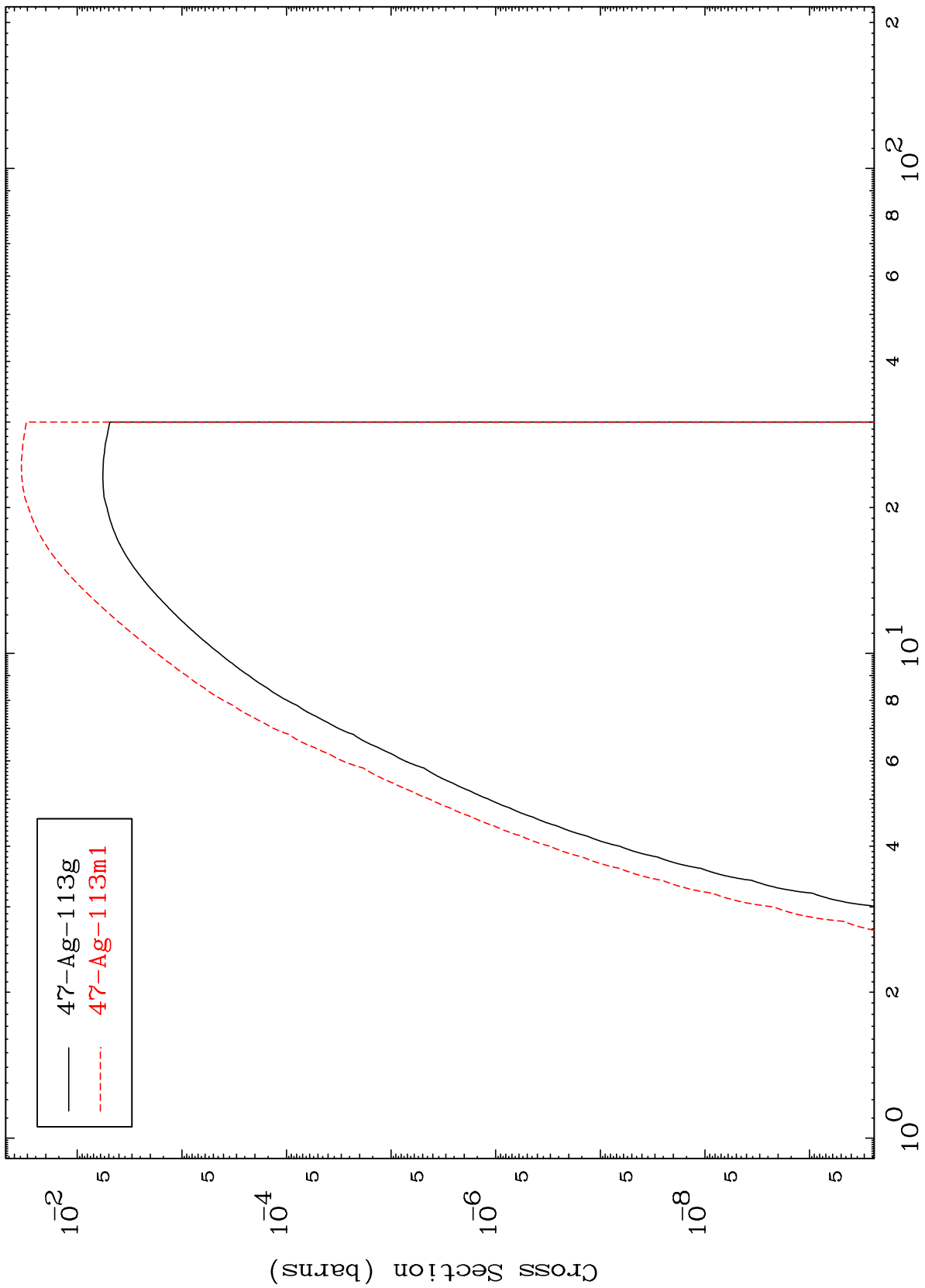
Incident Energy (MeV)

48-Cd-113

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48-Cd-113

(n,p)
Radionuclide Production Cross Section



— 47-Ag-113g
- - - 47-Ag-113m1

Incident Energy (MeV)

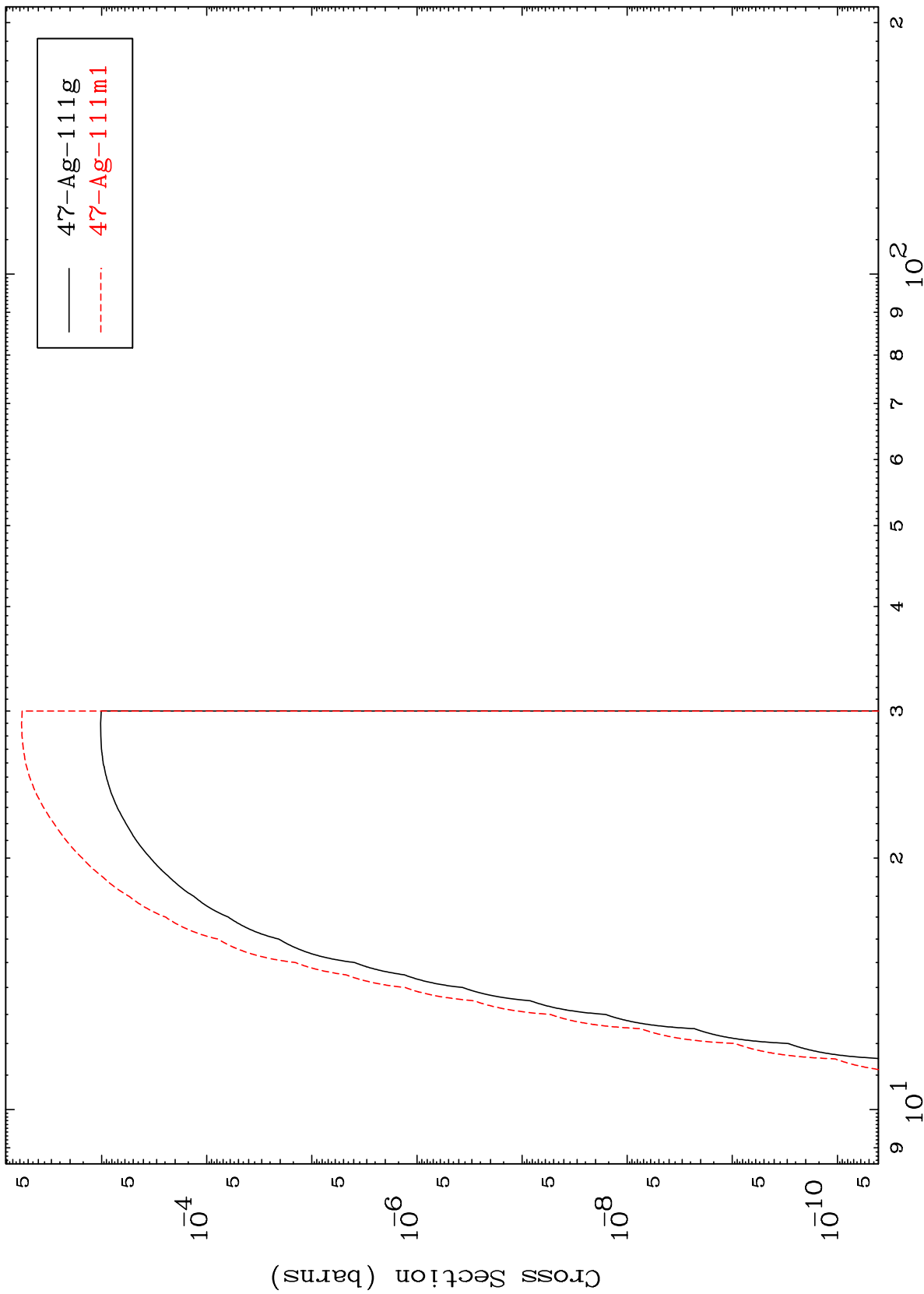
48-Cd-113

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48-Cd-113

(n,t)
Radionuclide Production Cross Section



31

Incident Energy (MeV)

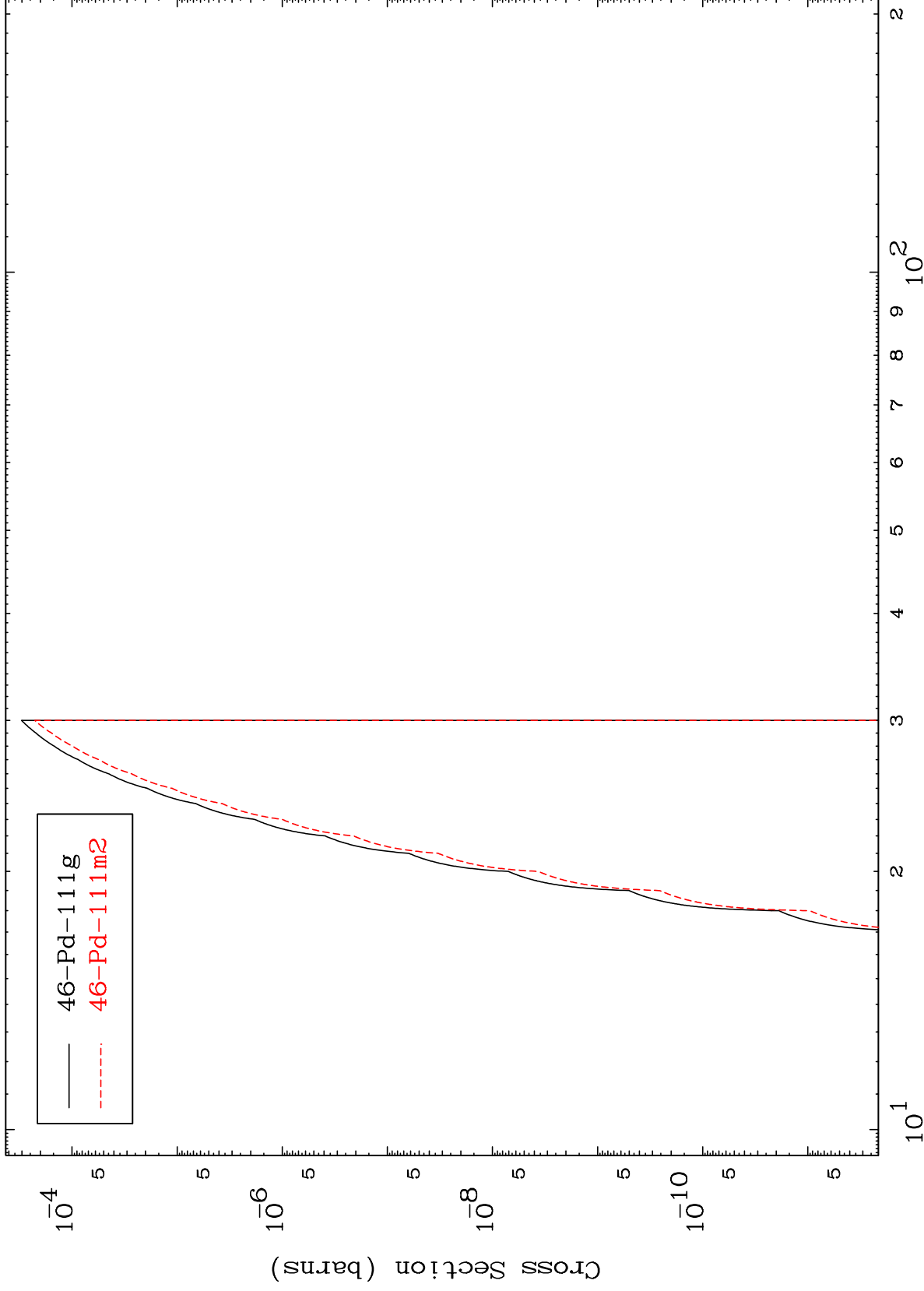
48-Cd-113

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(n,He-3)

48-Cd-113

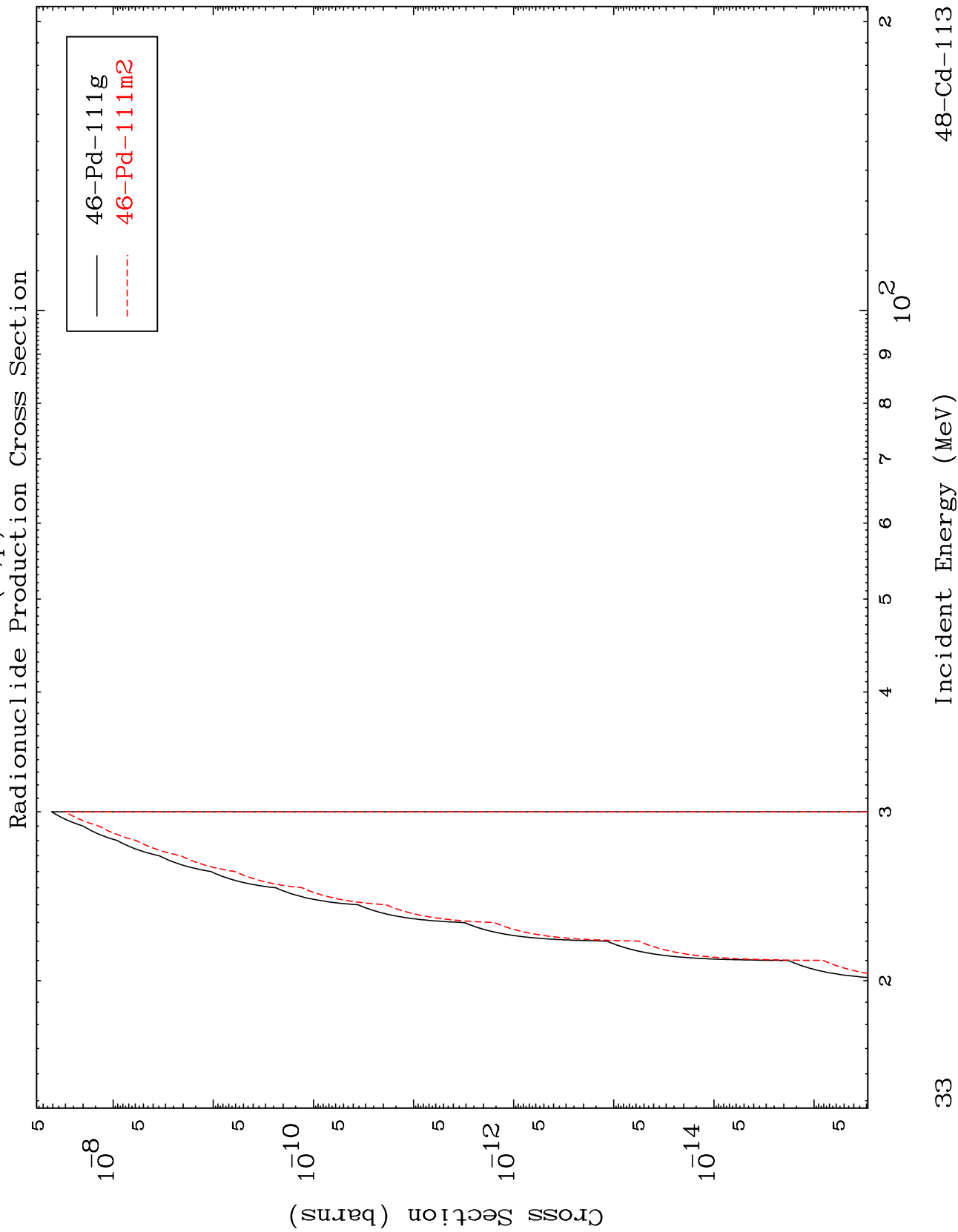
Radionuclide Production Cross Section



32

Incident Energy (MeV)

48-Cd-113

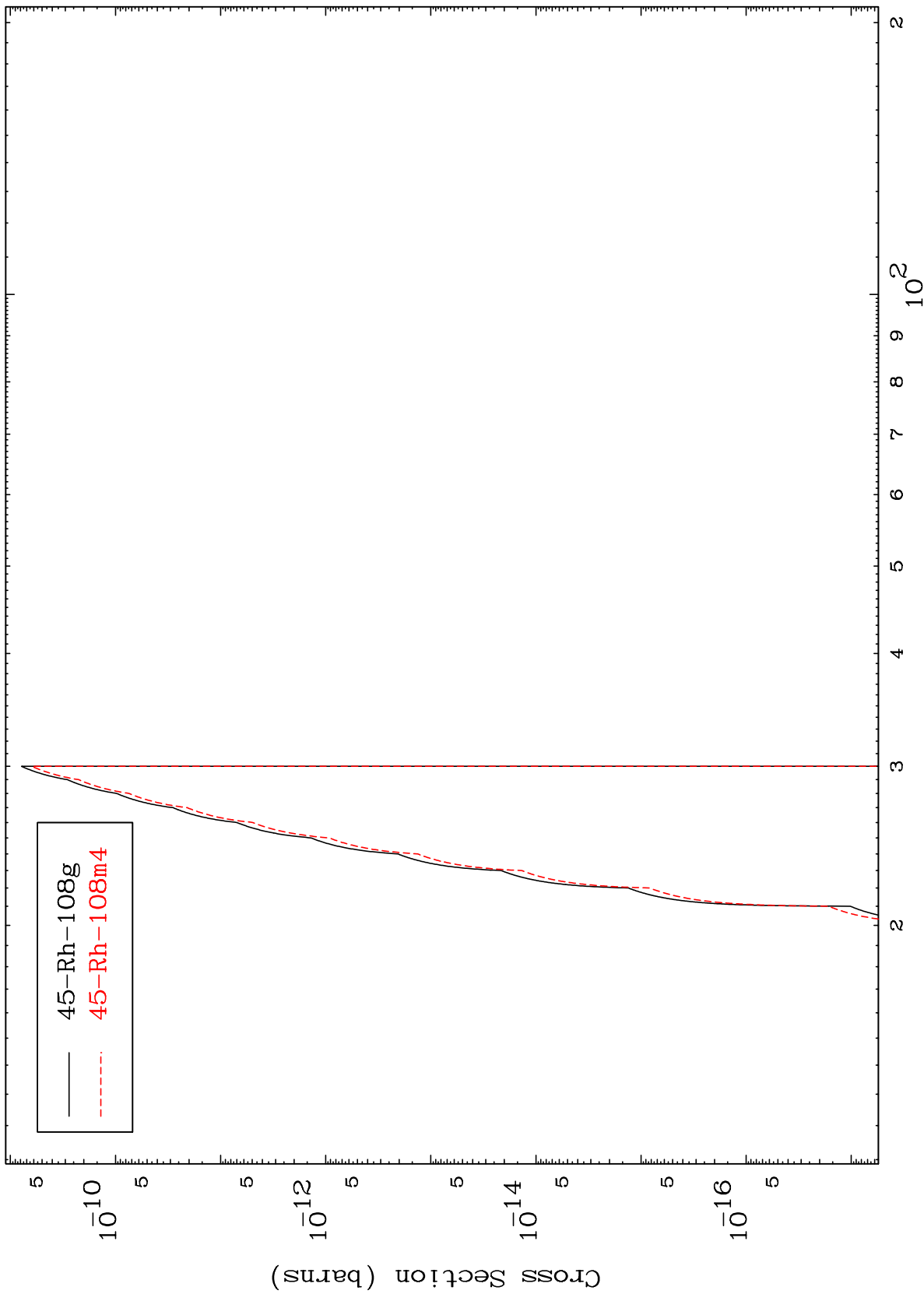


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(n,d) α

48-Cd-113

Radionuclide Production Cross Section



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Incident Energy (MeV)

48-Cd-113