

Program EVALPLOT
(Version 2017-1)

by

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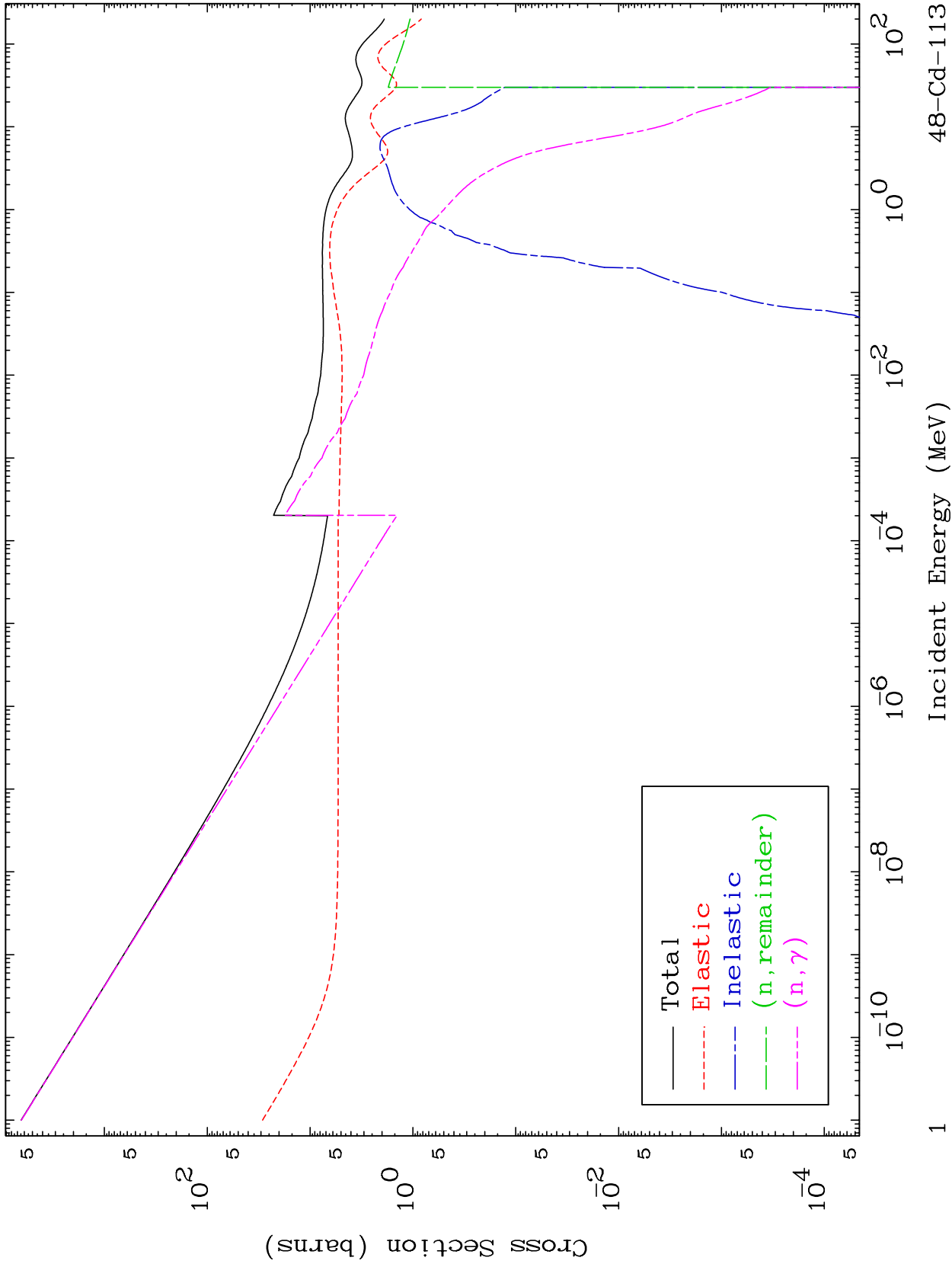
Press Mouse Button to Start

MAT 4847

Major

293 Kelvin Cross Sections

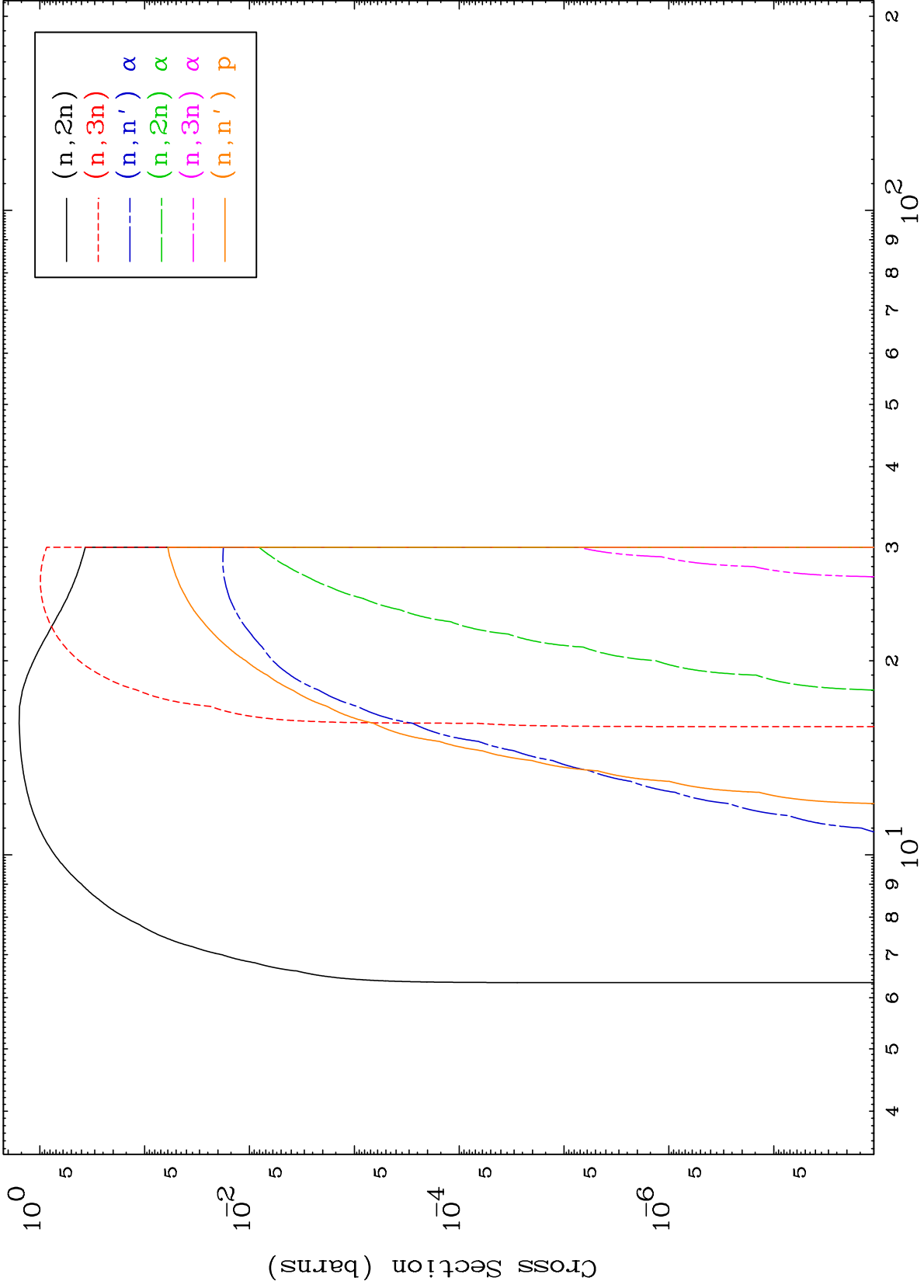
48-Cd-113



MAT 4847

Neutron Production
293 Kelvin Cross Sections

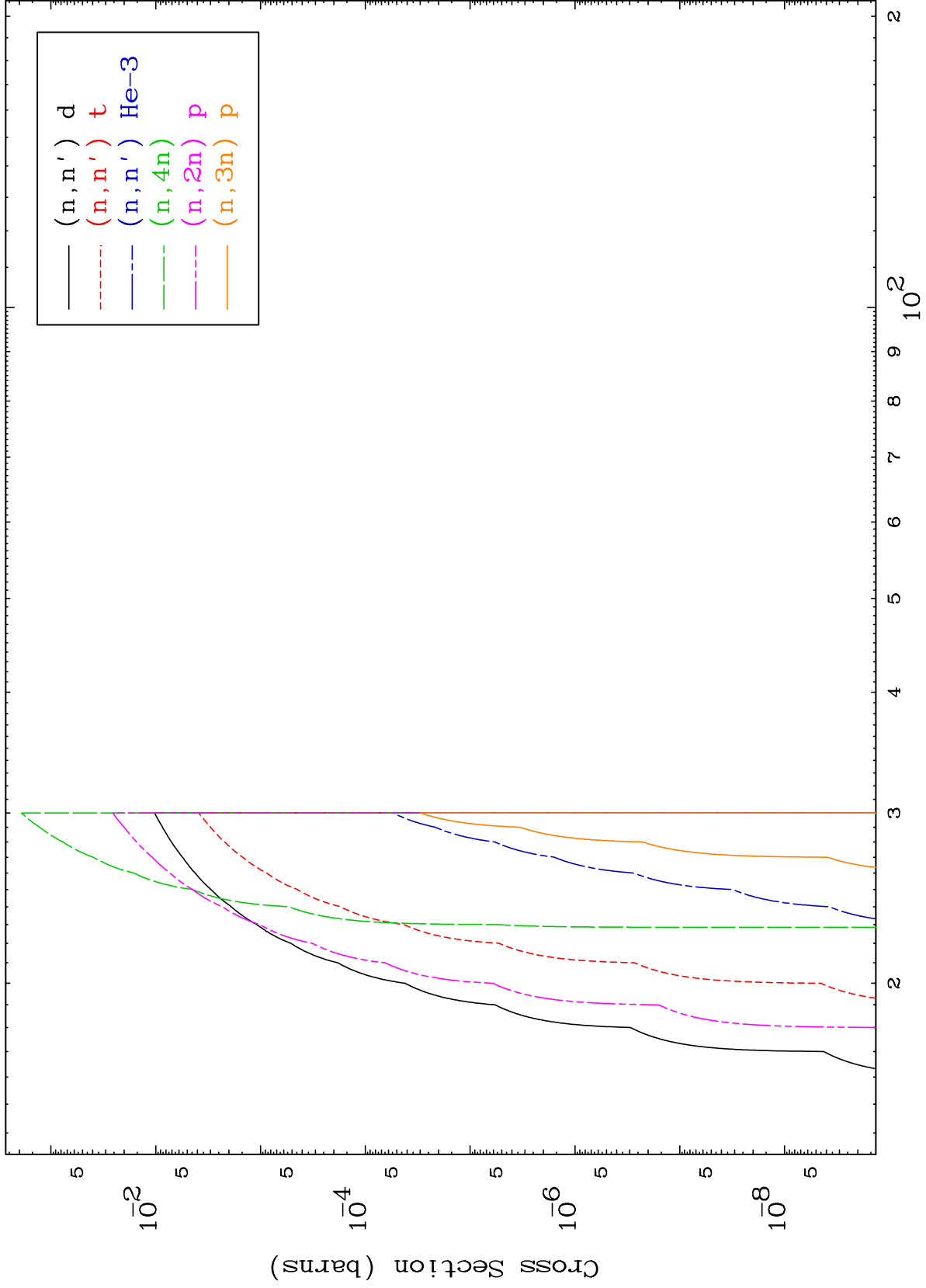
48-Cd-113



2

Incident Energy (MeV)

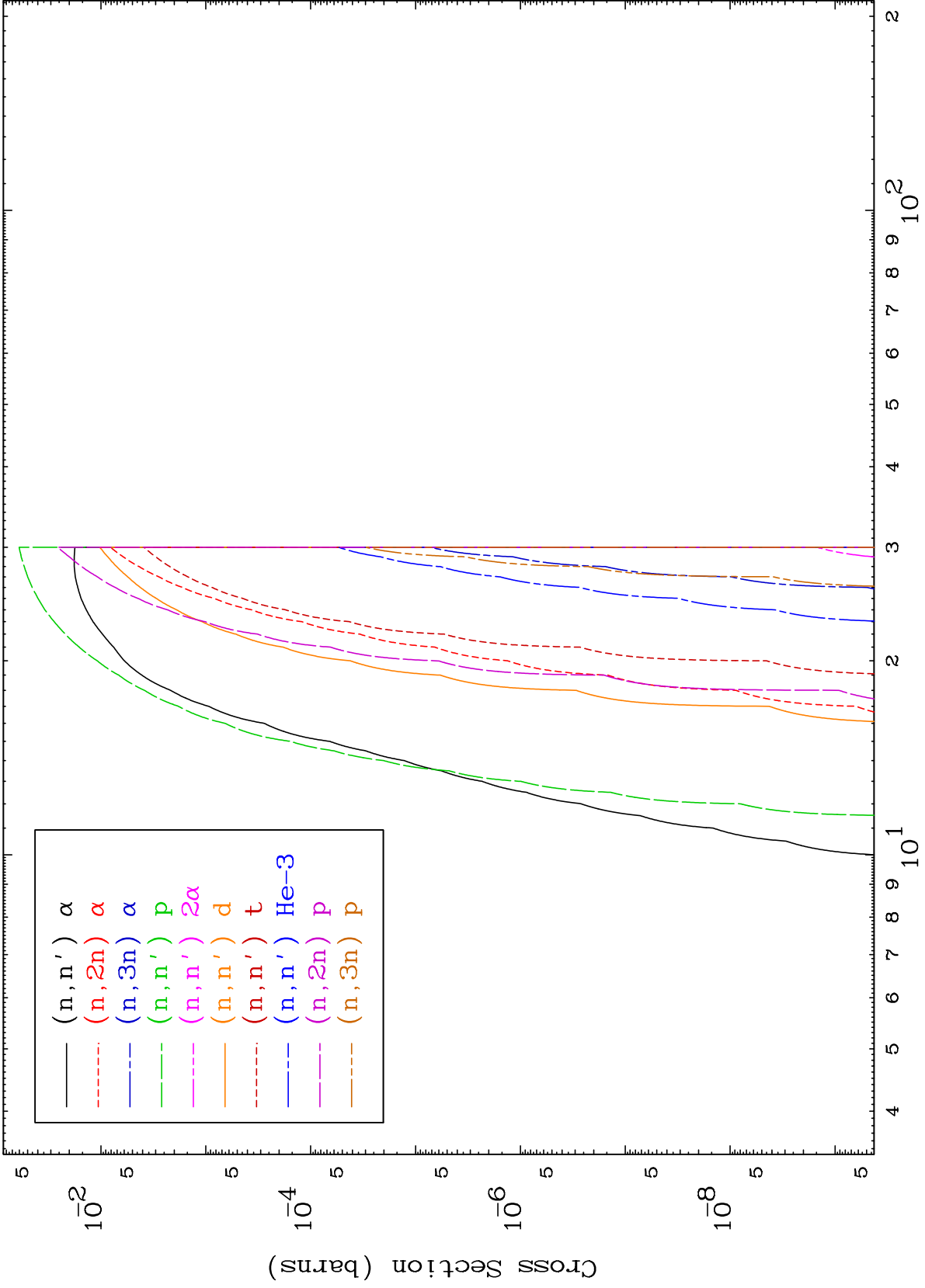
48-Cd-113



MAT 4847

Charged Particle
293 Kelvin Cross Sections

48-Cd-113



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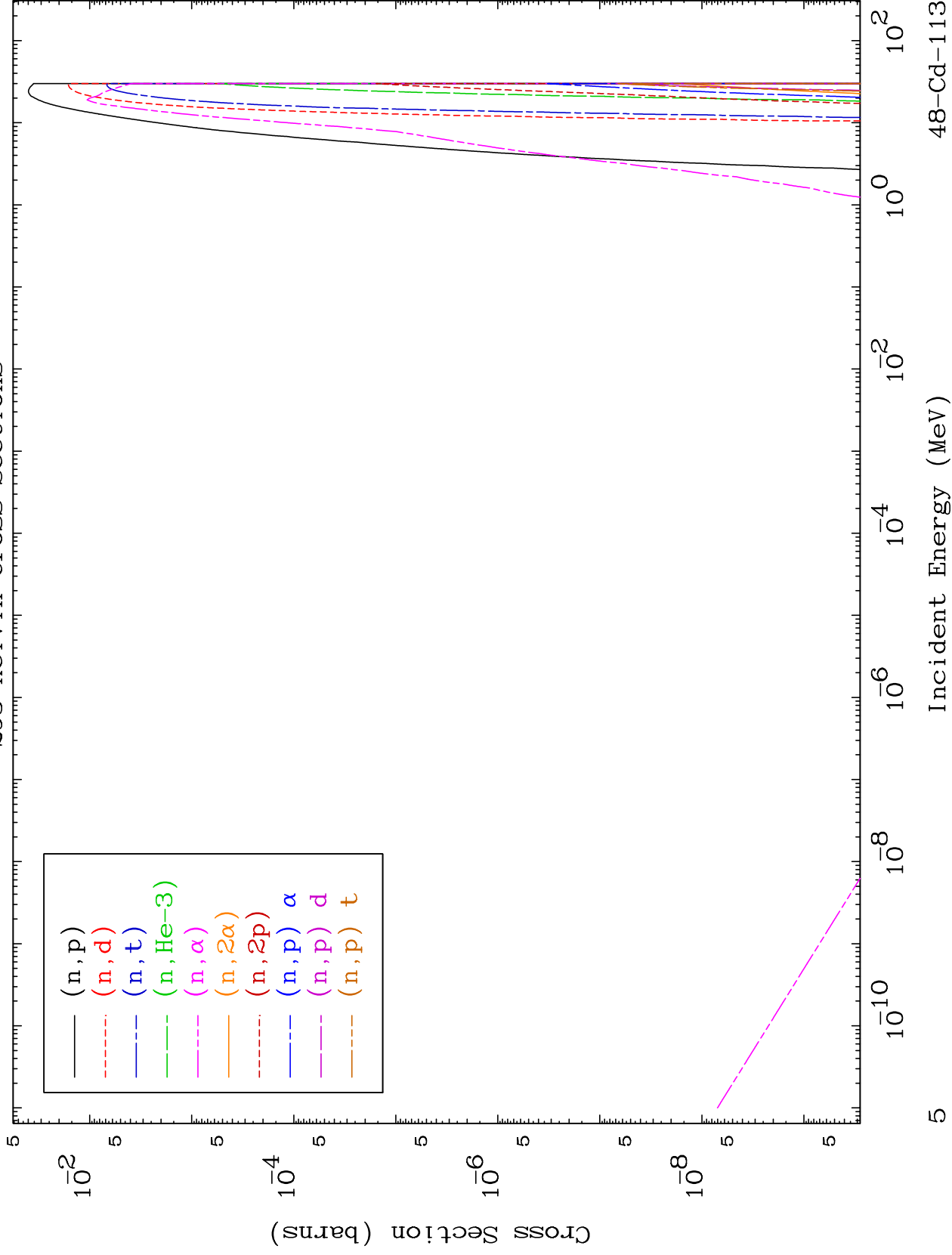
Incident Energy (MeV)

48-Cd-113

MAT 4847

Charged Particle
293 Kelvin Cross Sections

48-Cd-113



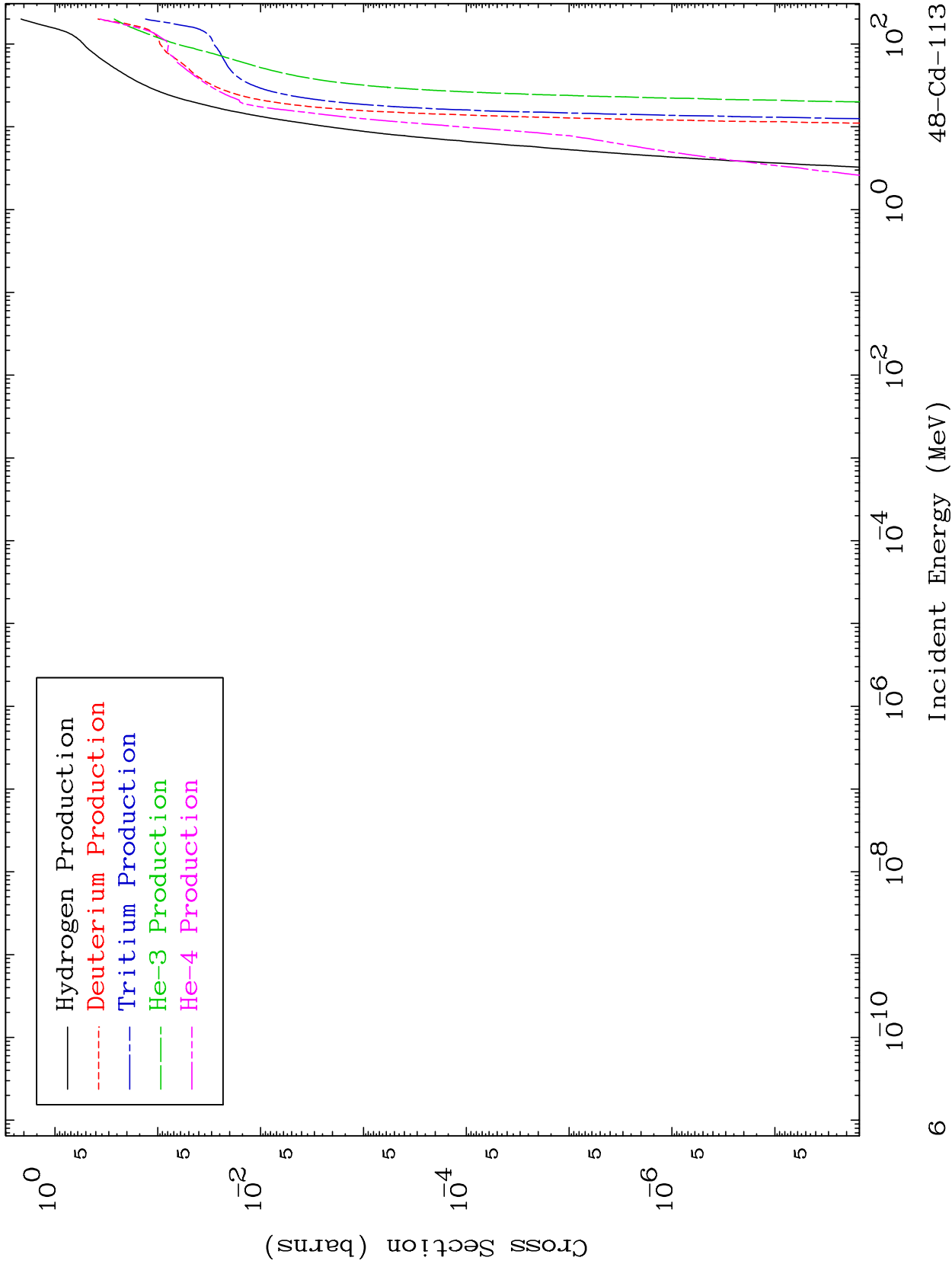
5

48-Cd-113

MAT 4847

Particle Production
293 Kelvin Cross Sections

48-Cd-113

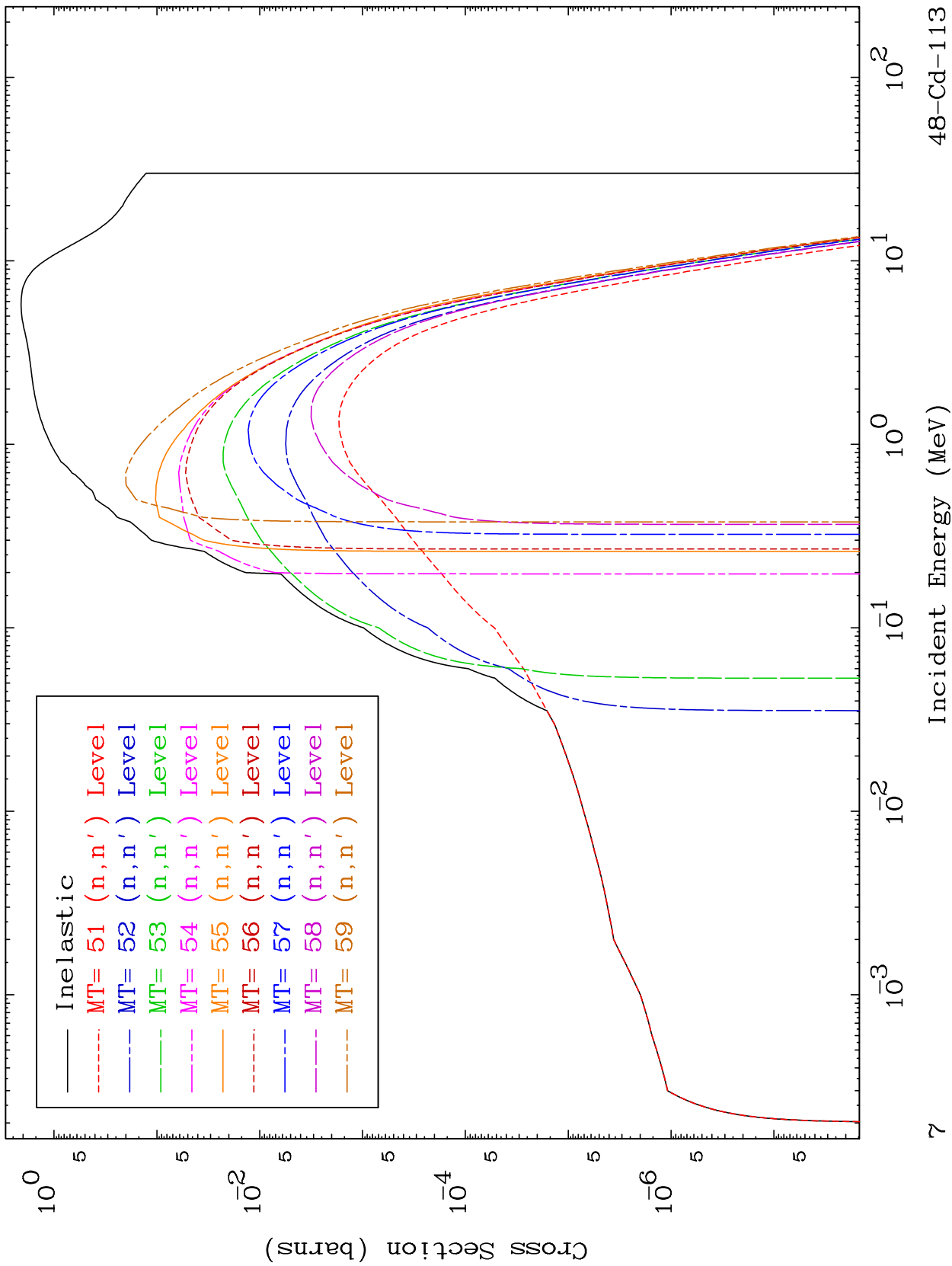


MAT 4847

(n,n') Level

48-Cd-113

293 Kelvin Cross Sections

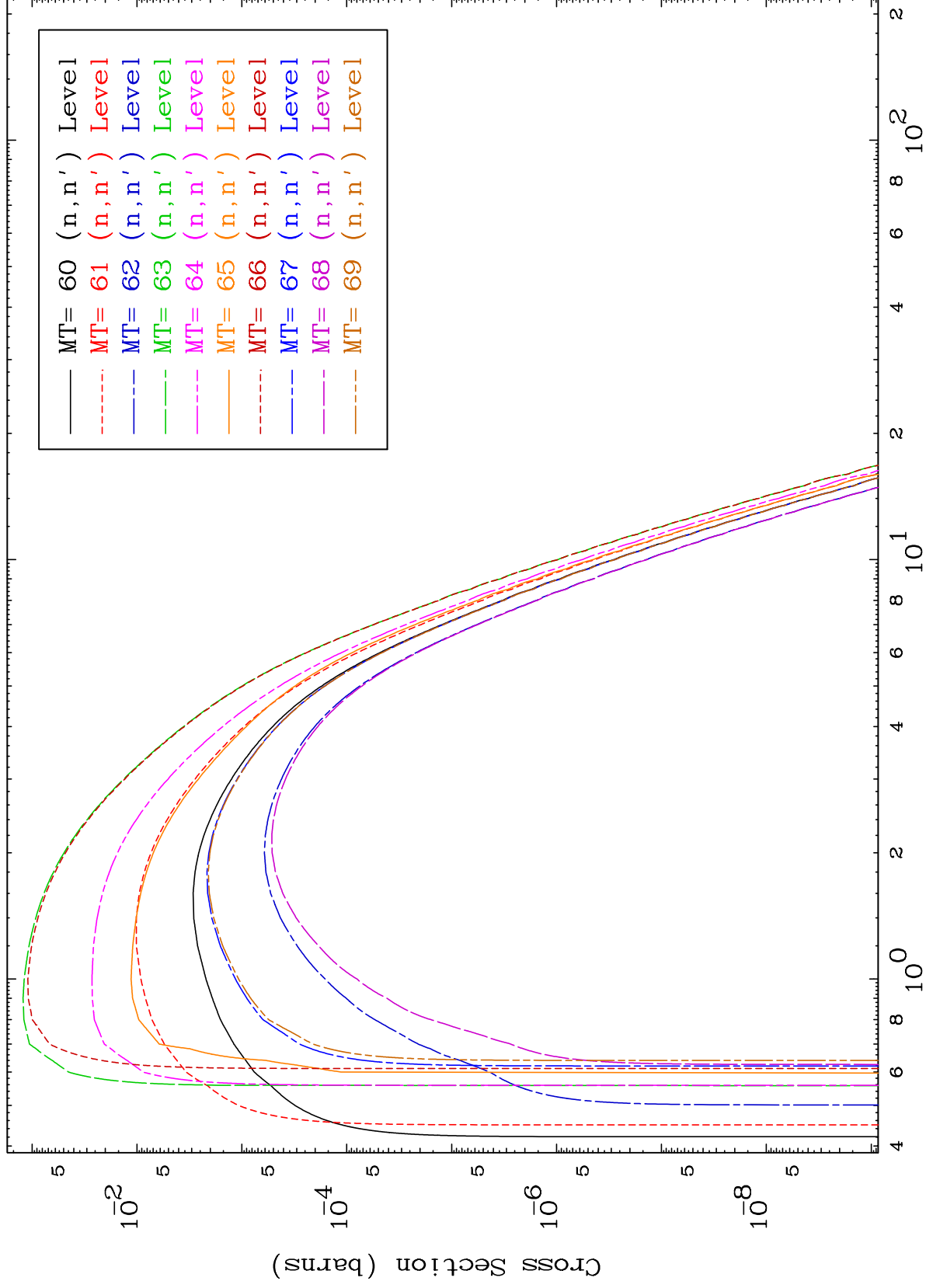


MAT 4847

(n,n') Level

48-Cd-113

293 Kelvin Cross Sections



Incident Energy (MeV)

48-Cd-113

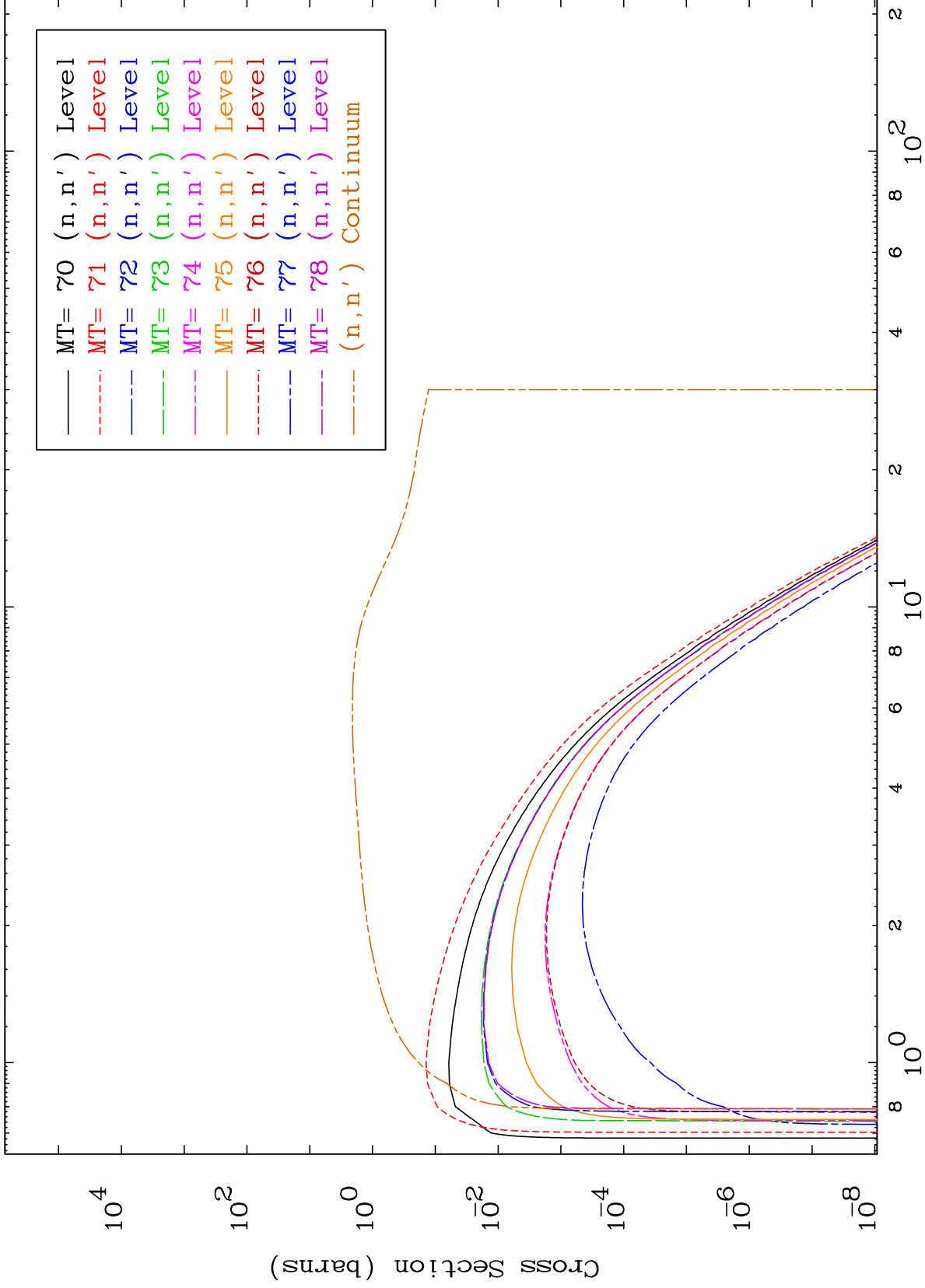
8

MAT 4847

(n,n') Level

48-Cd-113

293 Kelvin Cross Sections



9

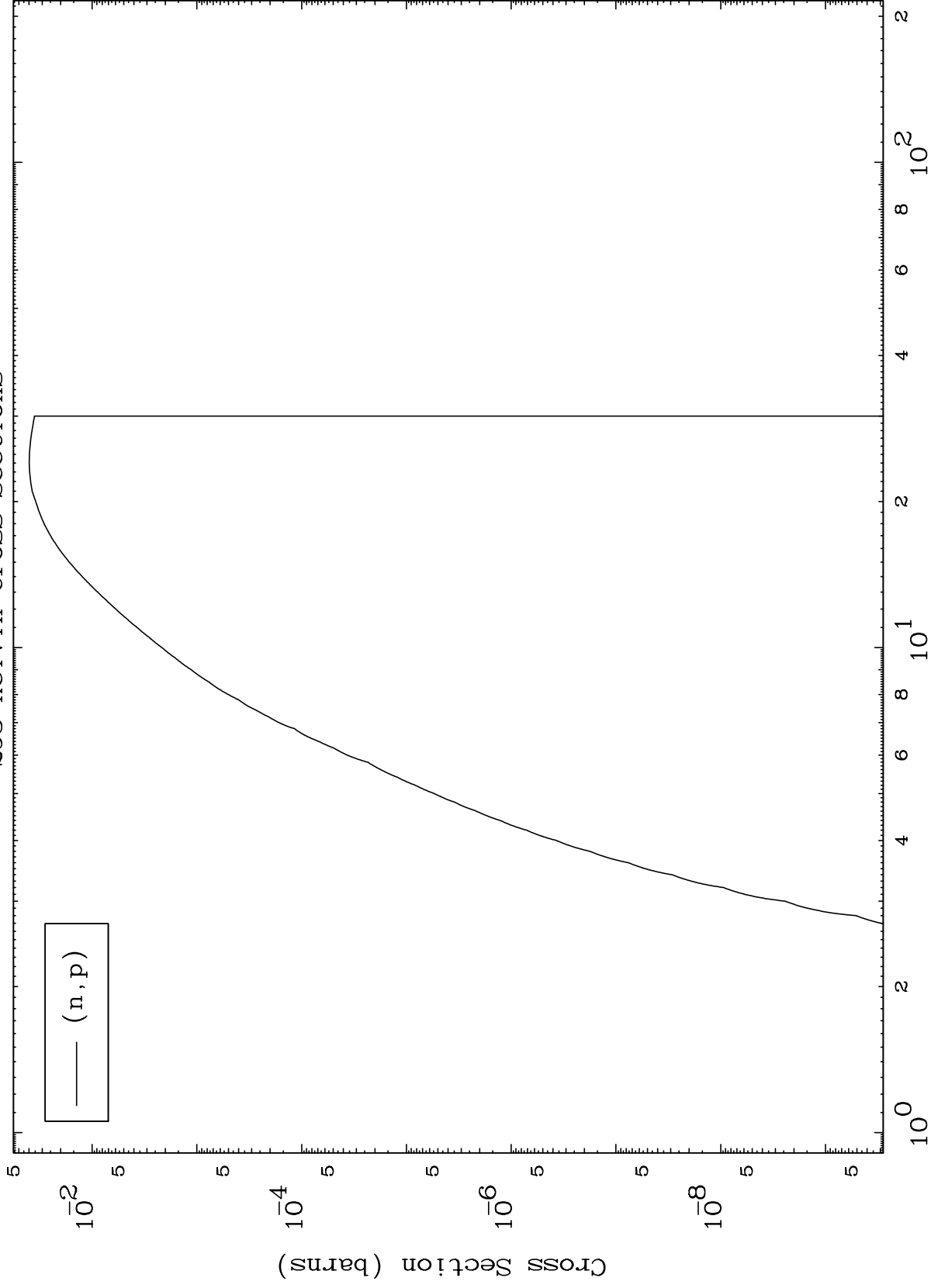
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-113



(n,p)

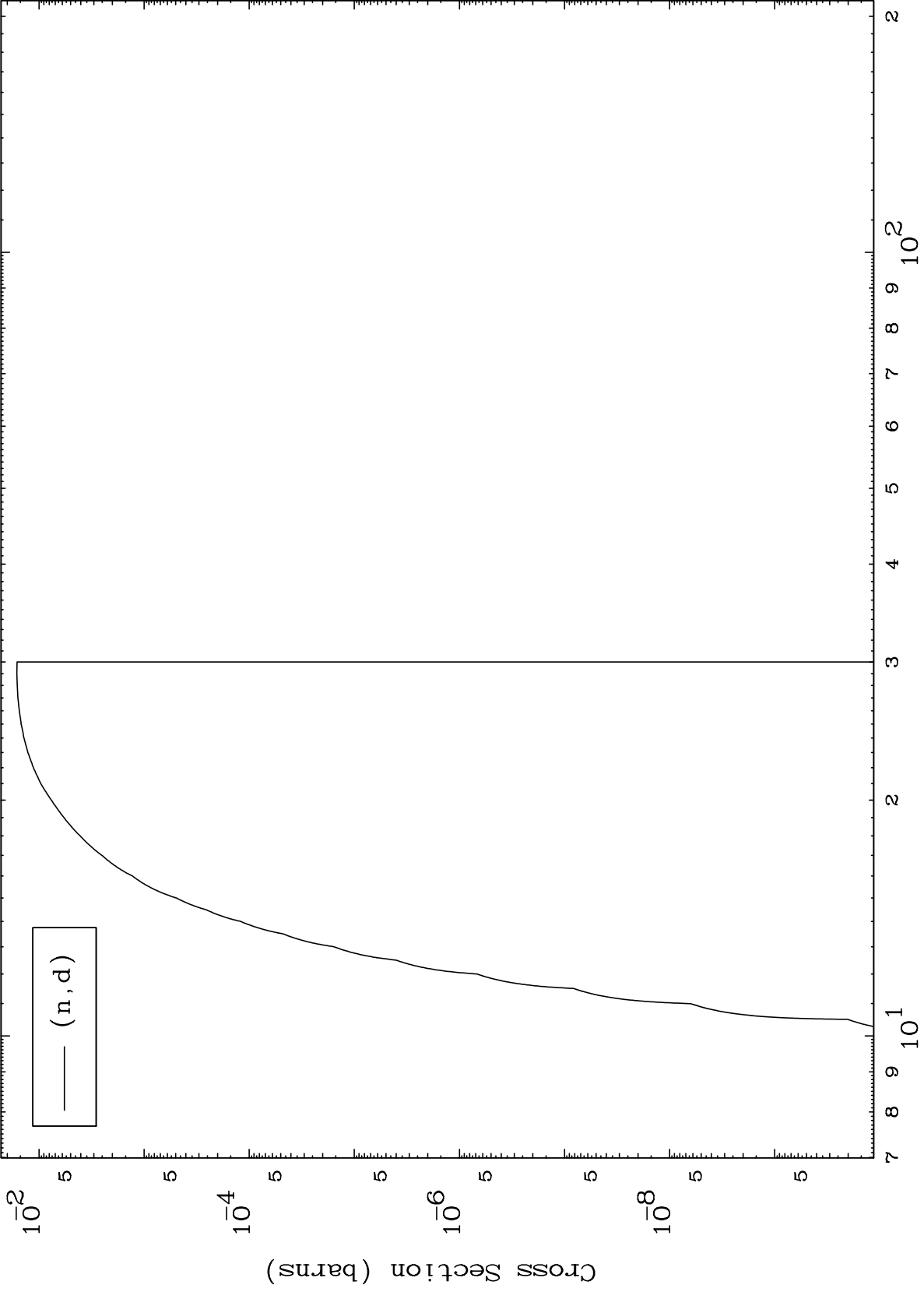
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-113



11

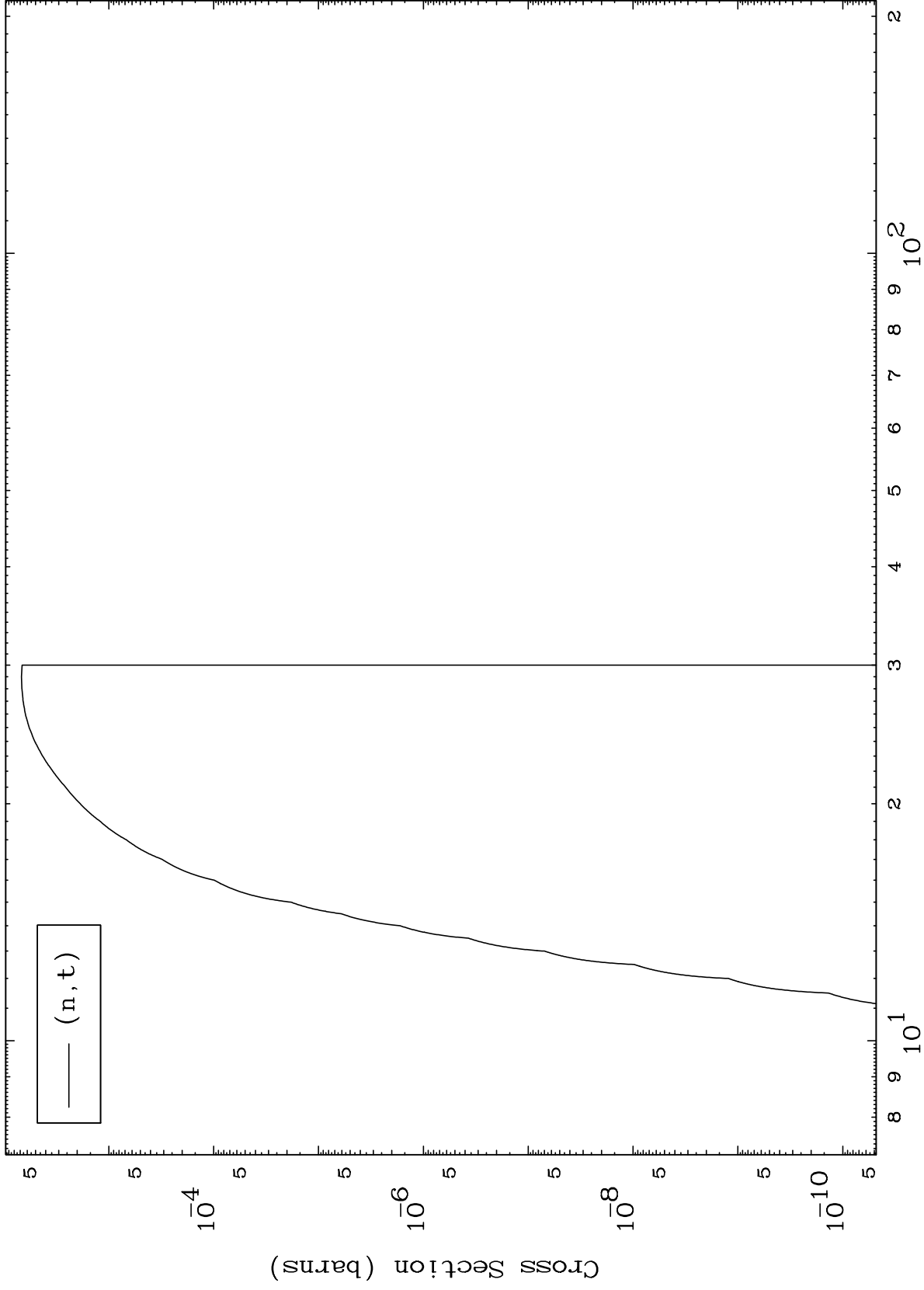
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-113



12

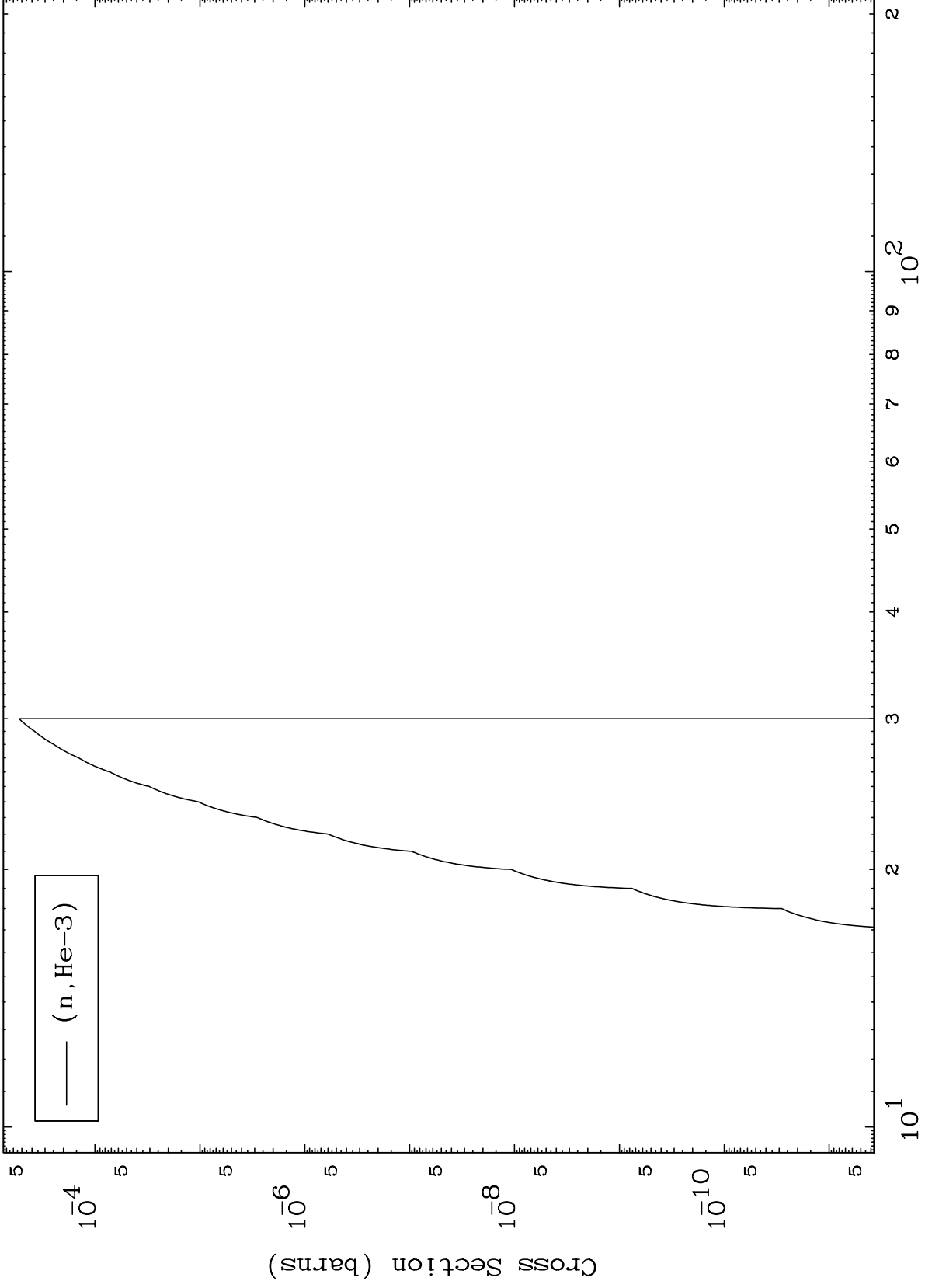
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-113



13

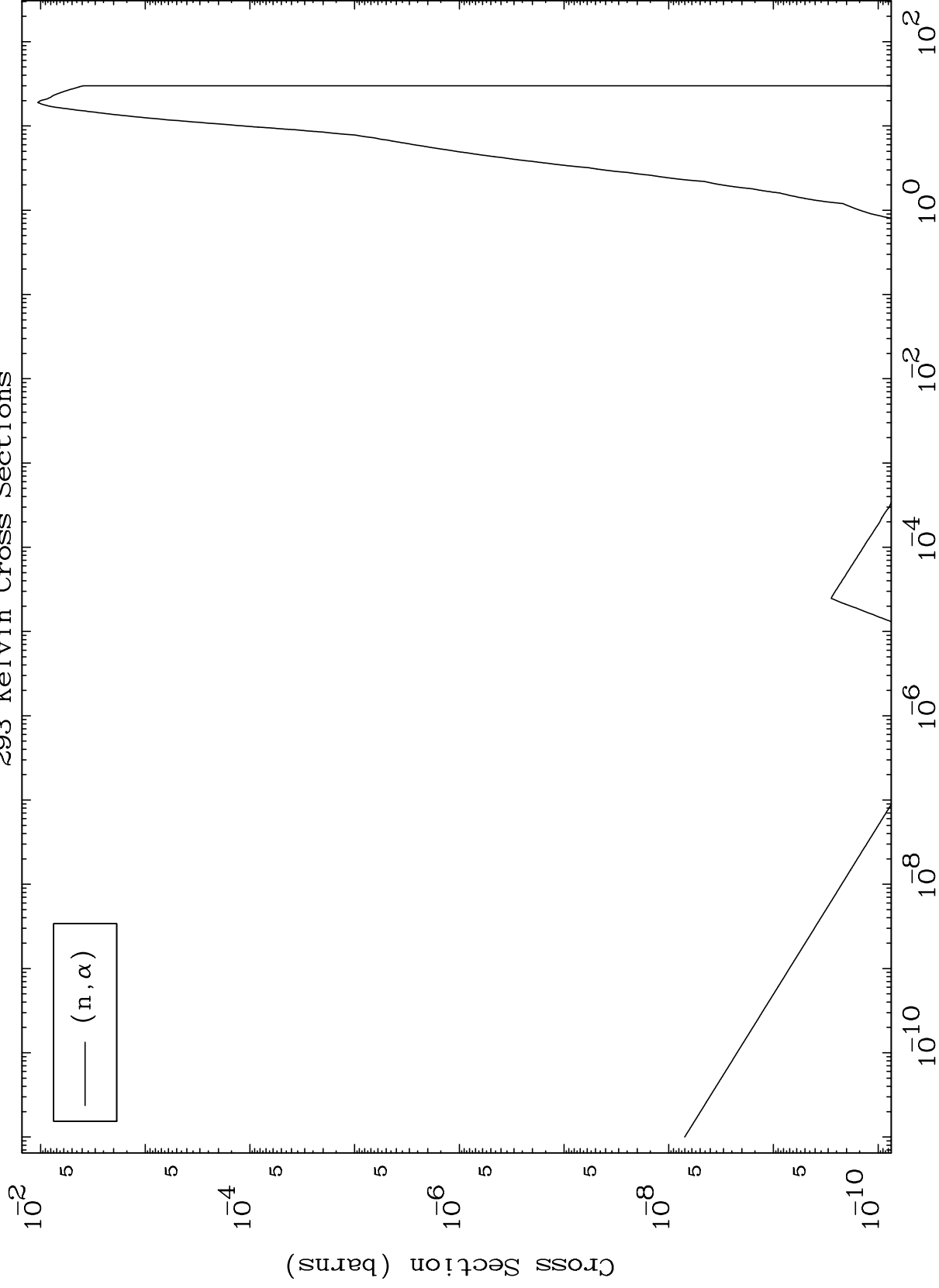
Incident Energy (MeV)

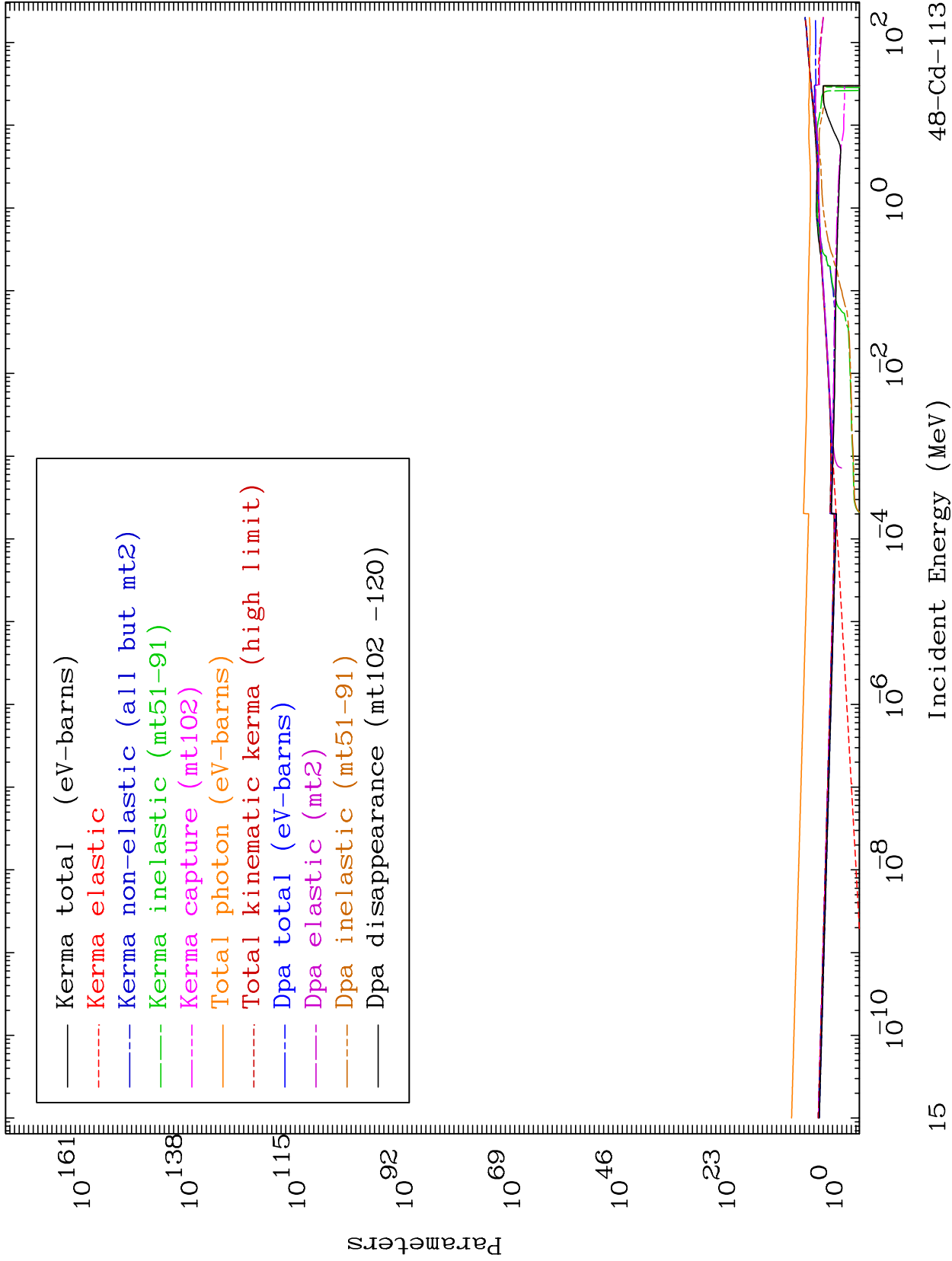
48-Cd-113

MAT 4847

(n, α) Levels
293 Kelvin Cross Sections

48-Cd-113

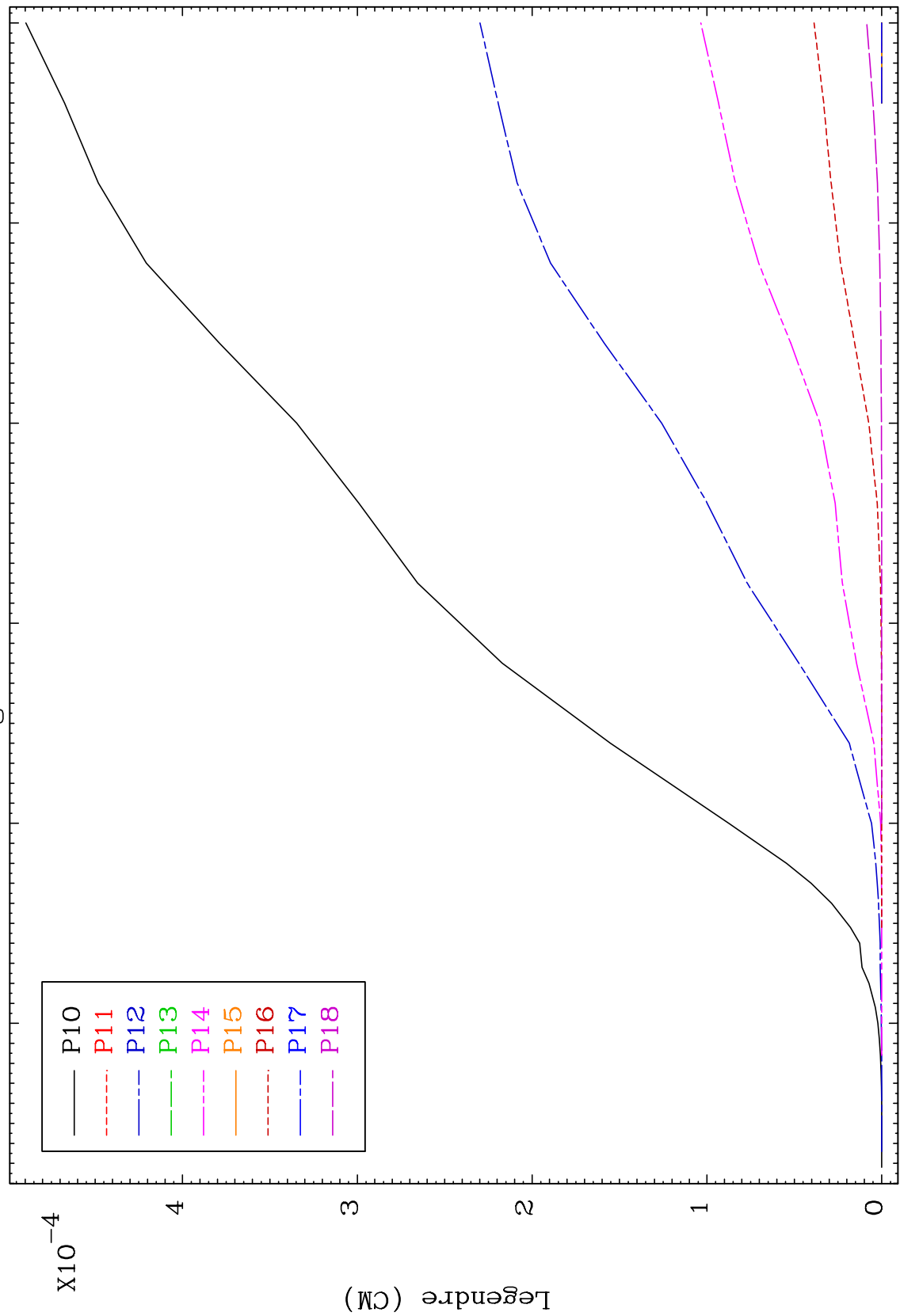




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Elastic Legendre Coefficients

48-Cd-113



17

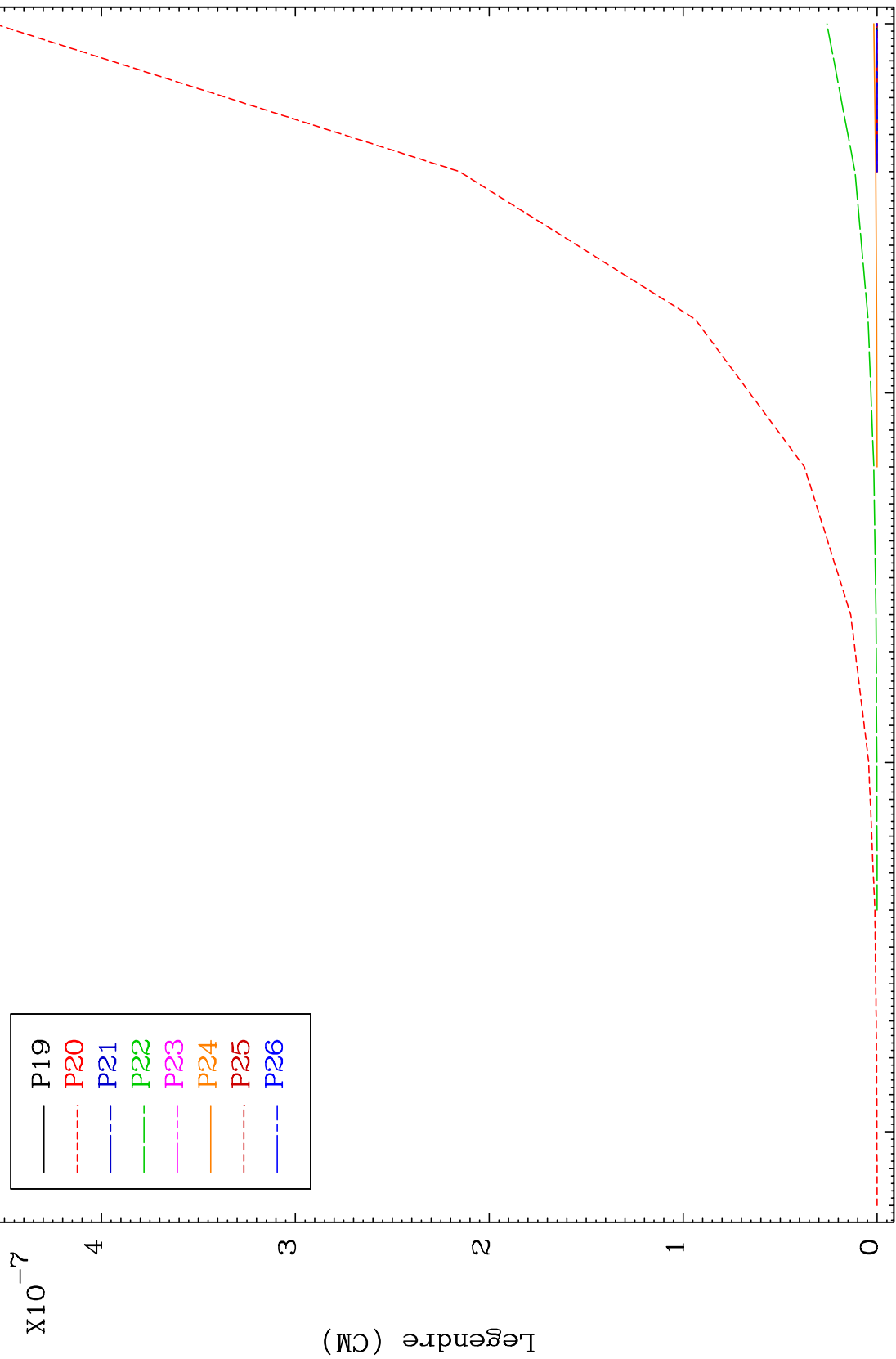
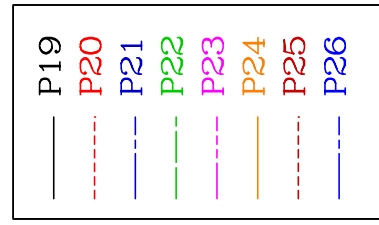
Incident Energy (MeV)

48-Cd-113

MAT 4847

Elastic Legendre Coefficients

48-Cd-113



18

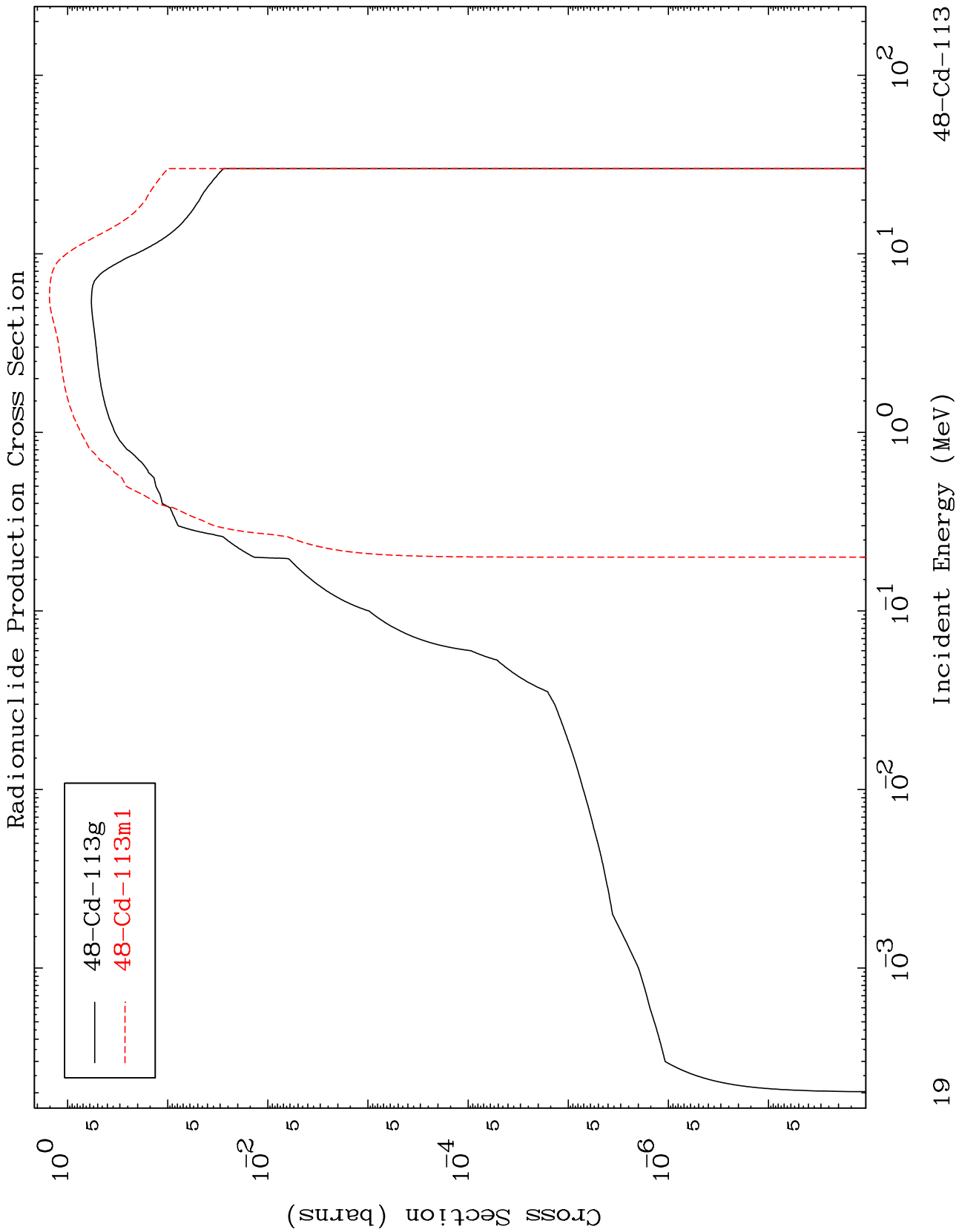
Incident Energy (MeV)

48-Cd-113

MAT 4847

48-Cd-113

Inelastic
Radionuclide Production Cross Section

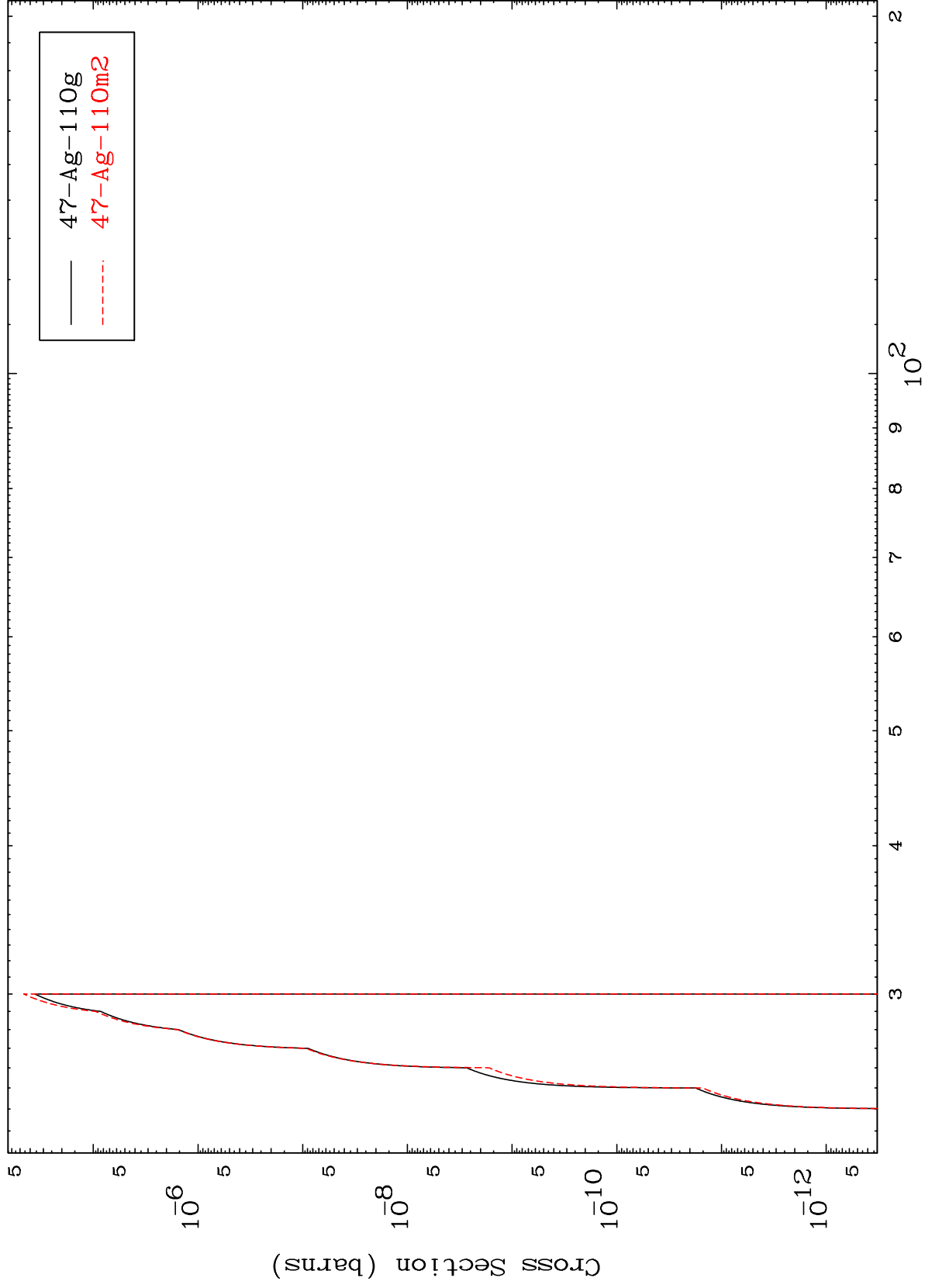


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(n,2n) d

48-Cd-113

Radionuclide Production Cross Section



20

Incident Energy (MeV)

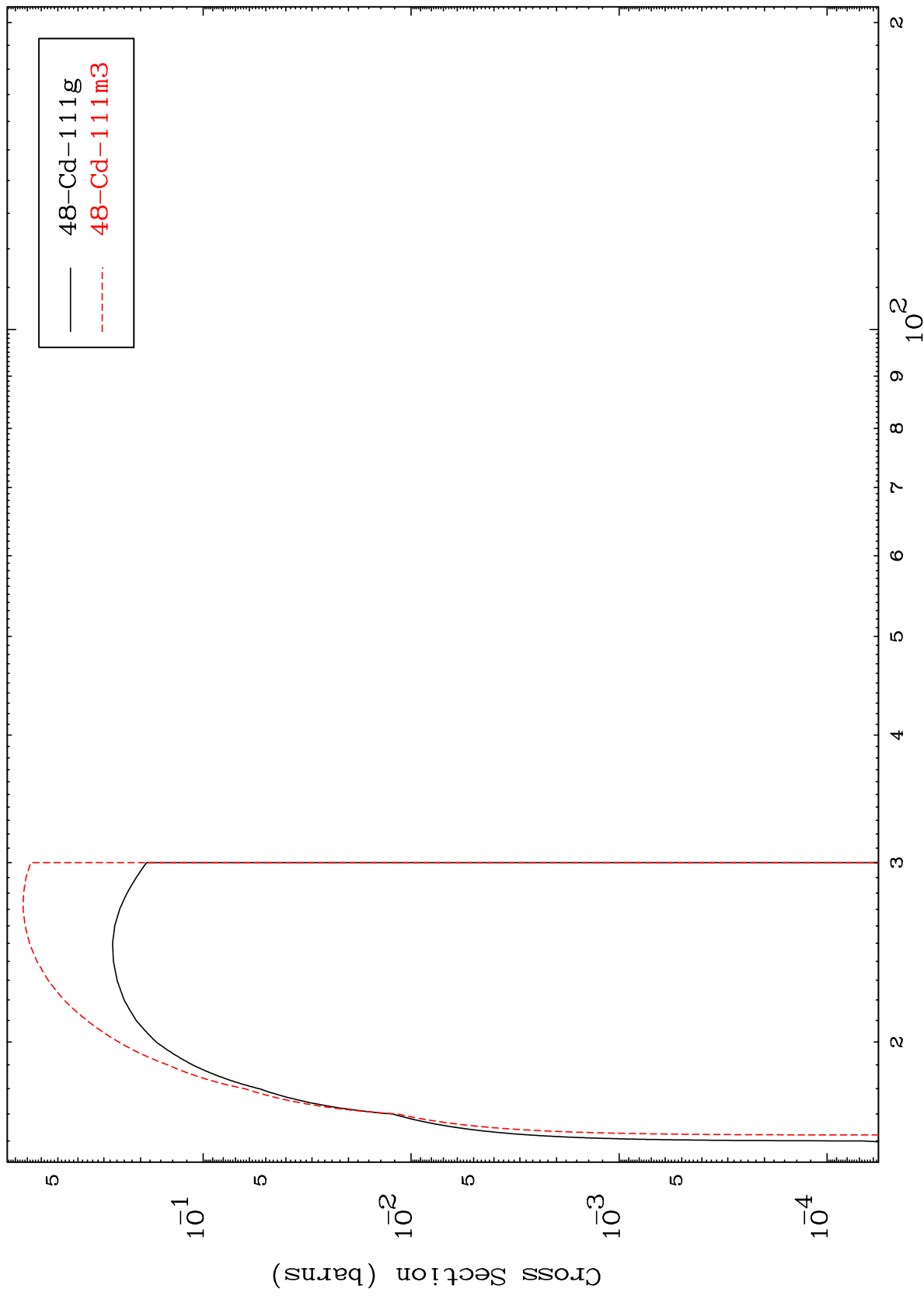
48-Cd-113

MAT 4847

48-Cd-113

(n,3n)

Radionuclide Production Cross Section



21

Incident Energy (MeV)

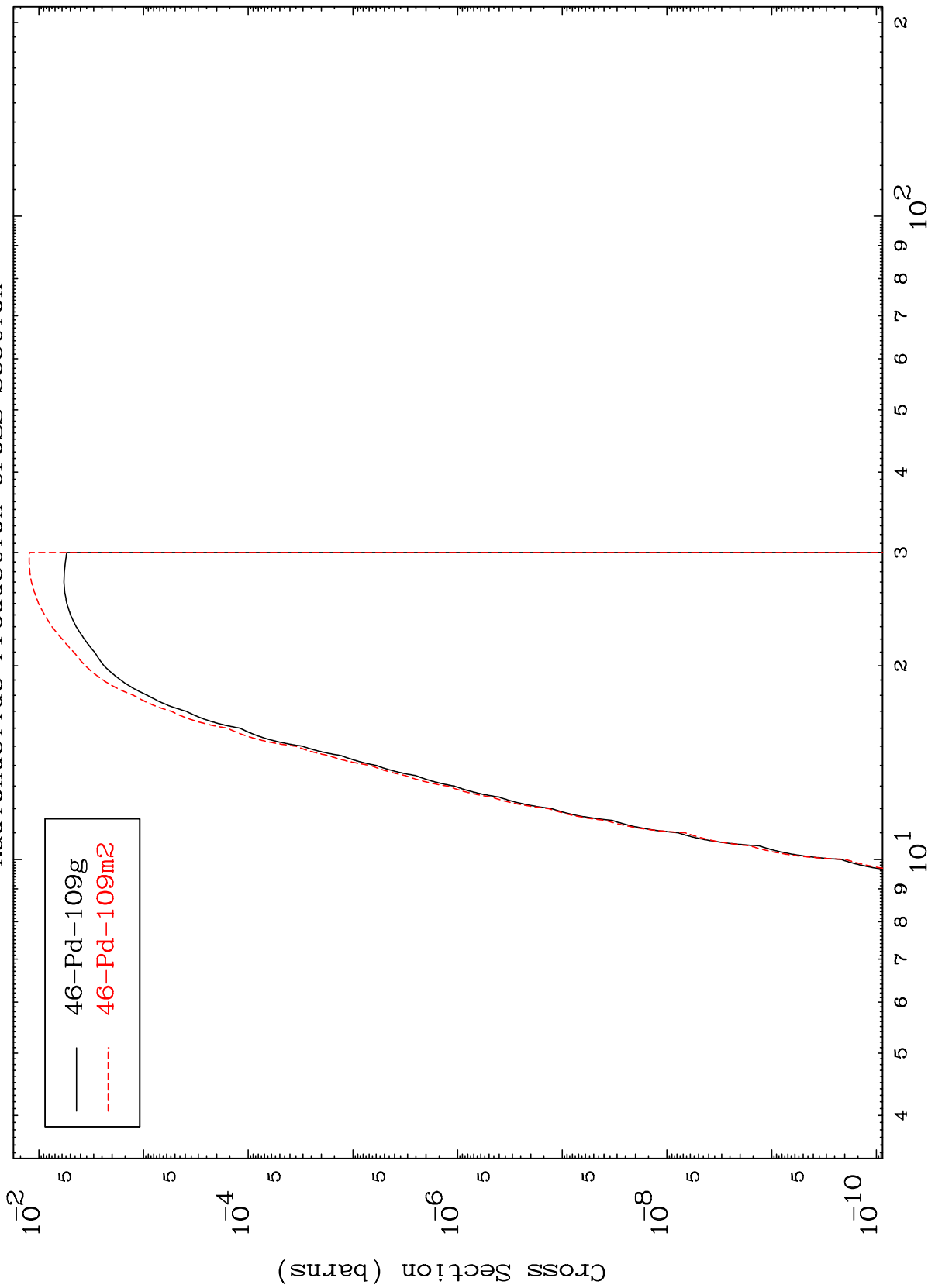
48-Cd-113

MAT 4847

(n,n') α

48-Cd-113

Radionuclide Production Cross Section



Incident Energy (MeV)

48-Cd-113

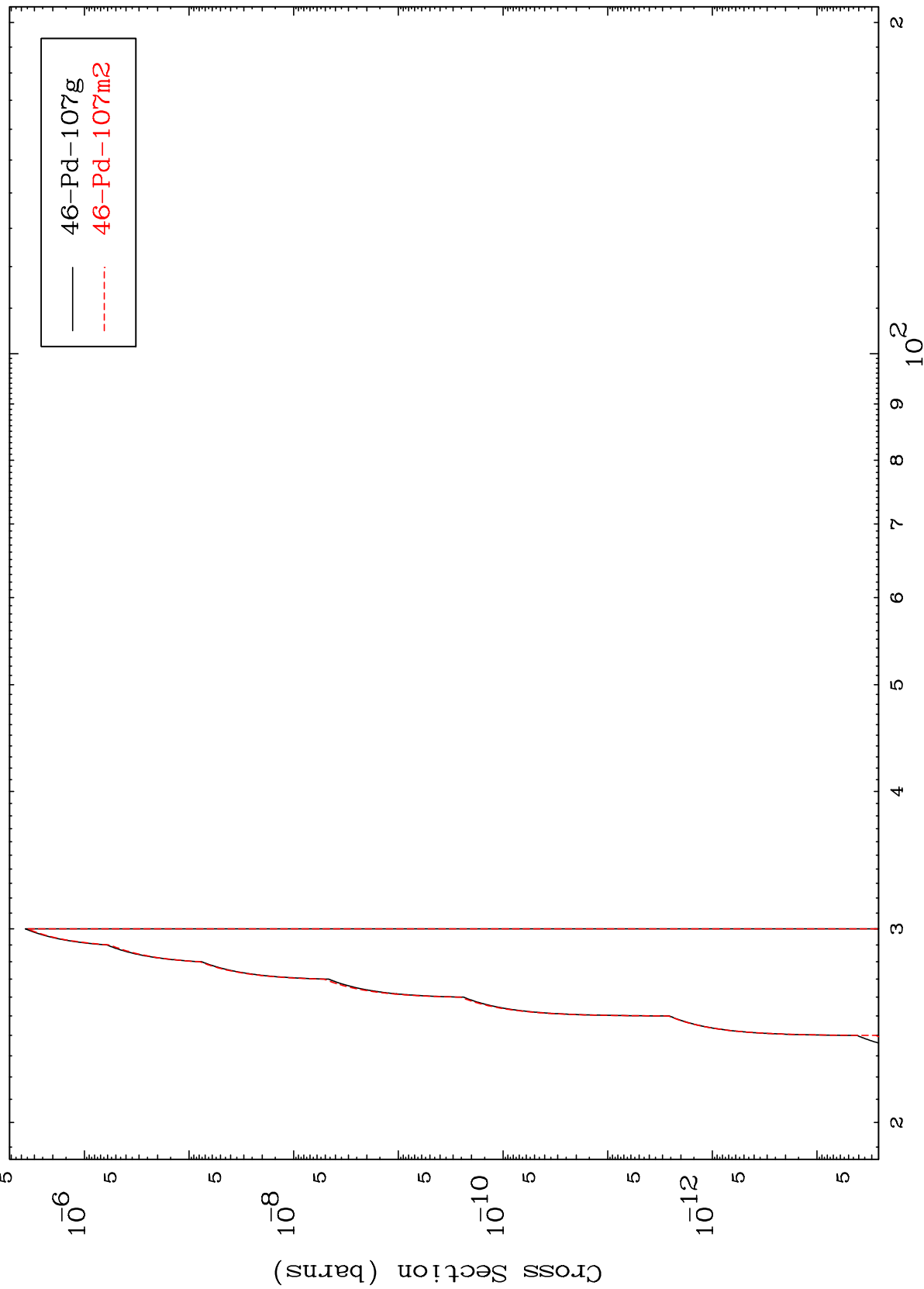
22

MAT 4847

(n,3n) α

48-Cd-113

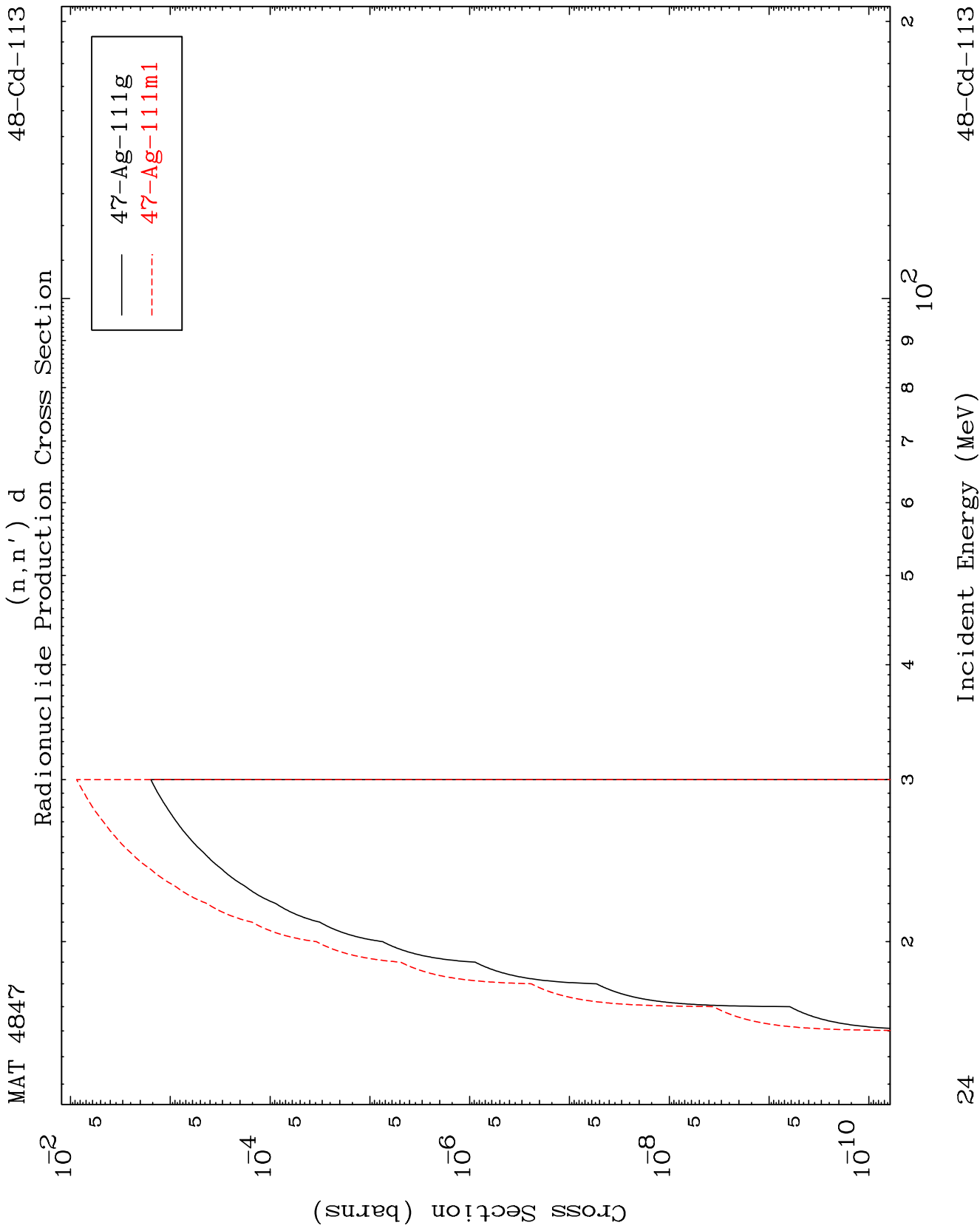
Radionuclide Production Cross Section



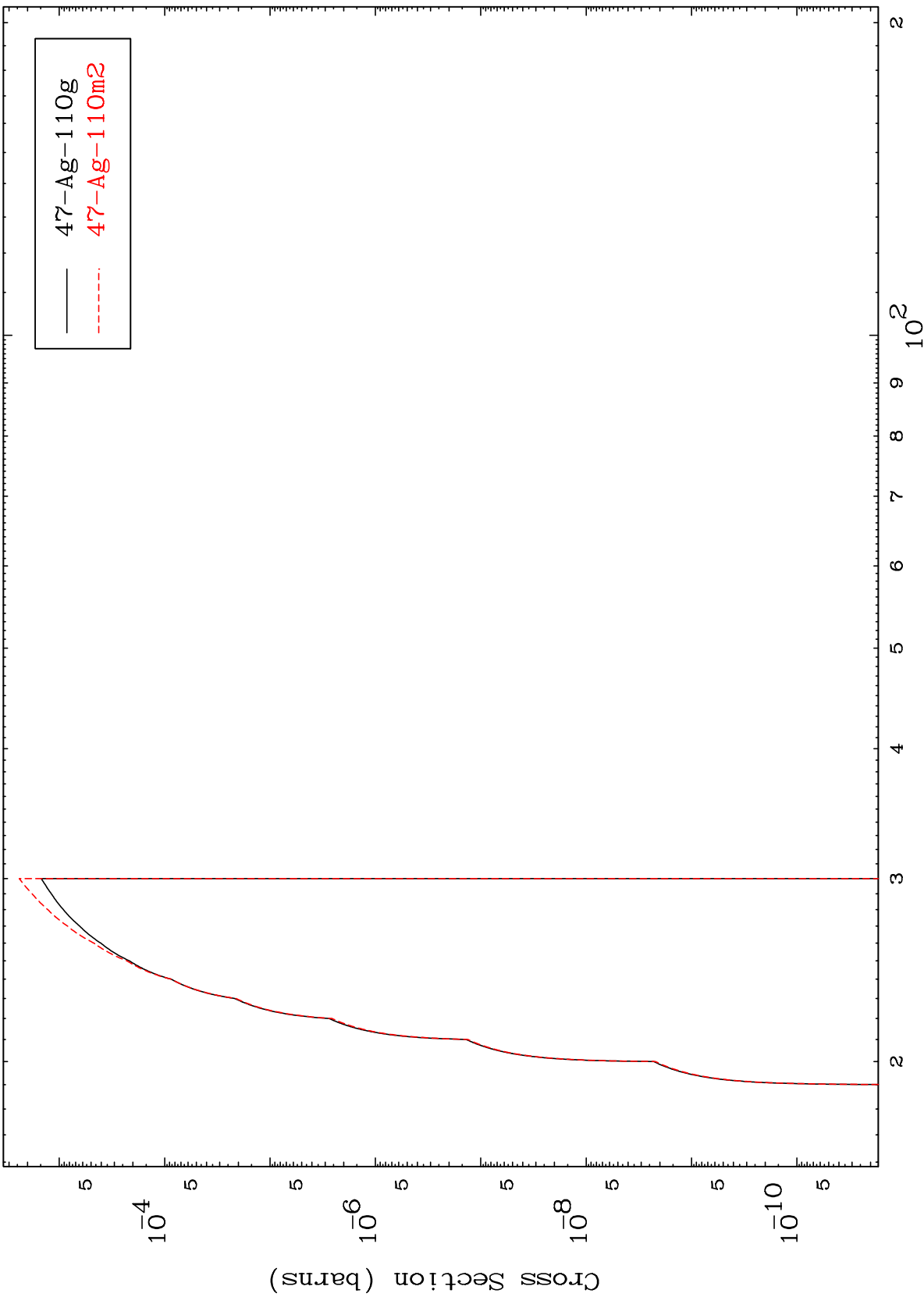
23

Incident Energy (MeV)

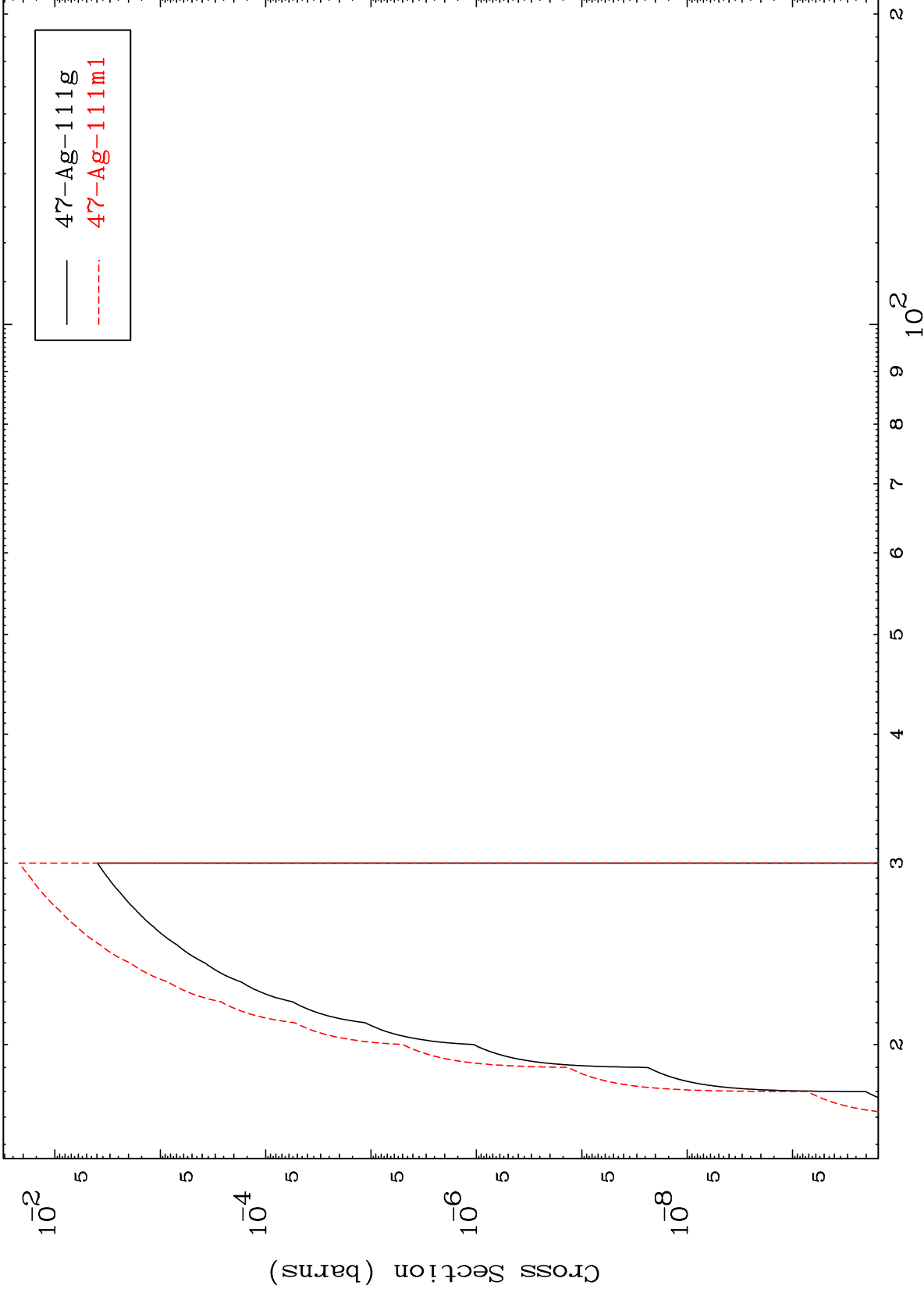
48-Cd-113



Radionuclide Production Cross Section



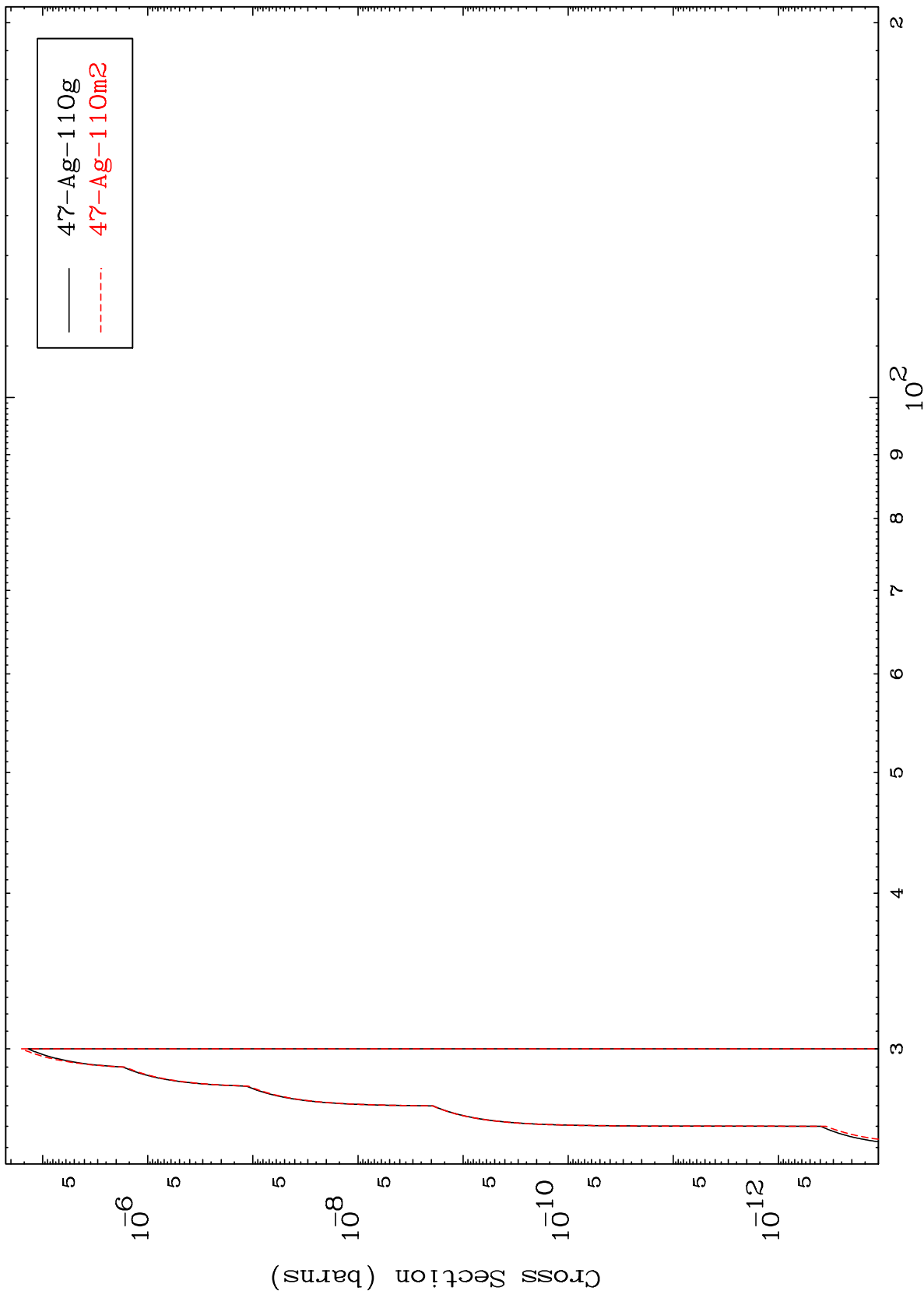
Radionuclide Production Cross Section



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48-Cd-113

(n,3n) p
Radionuclide Production Cross Section



27

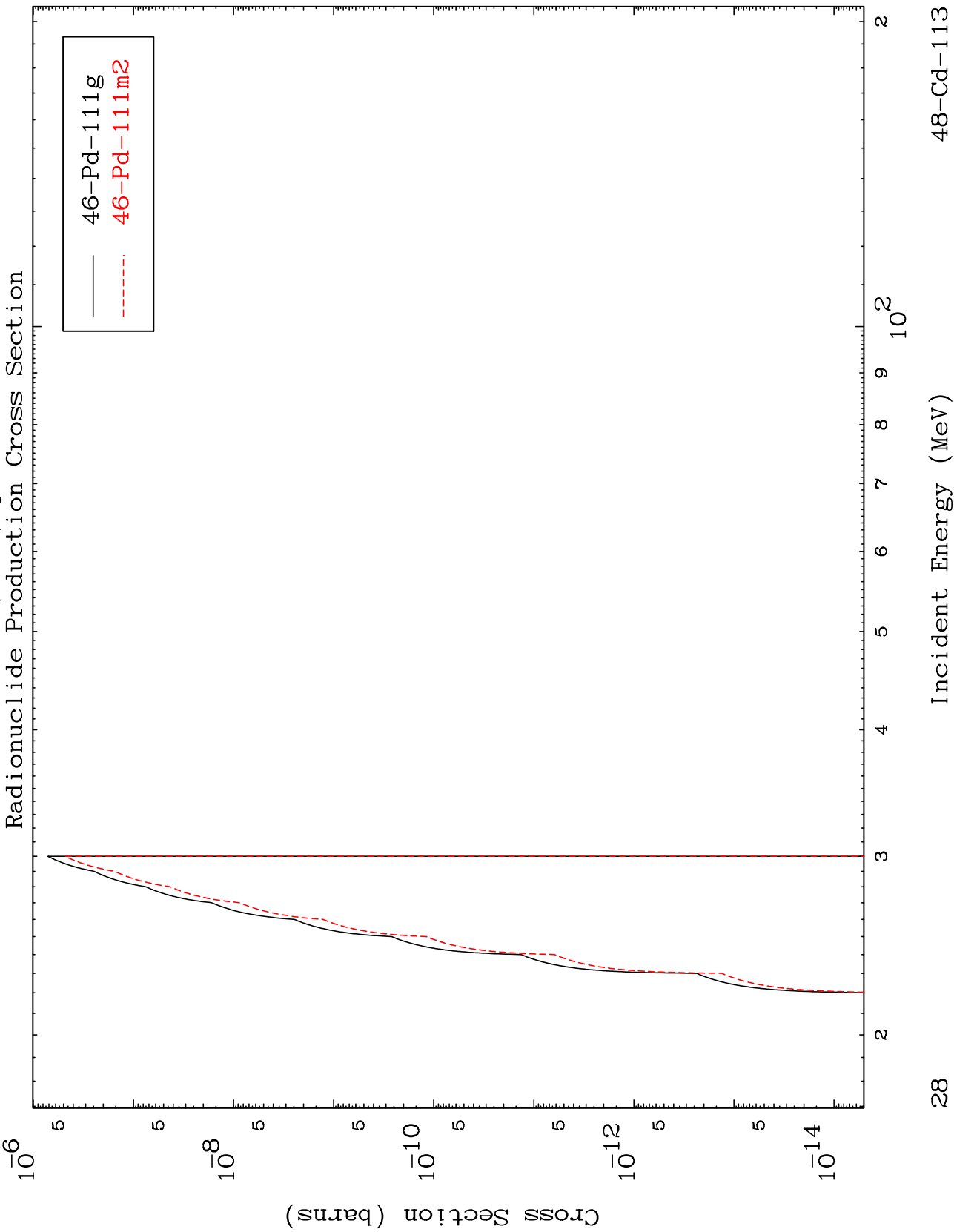
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,2n) p

48-Cd-113



28

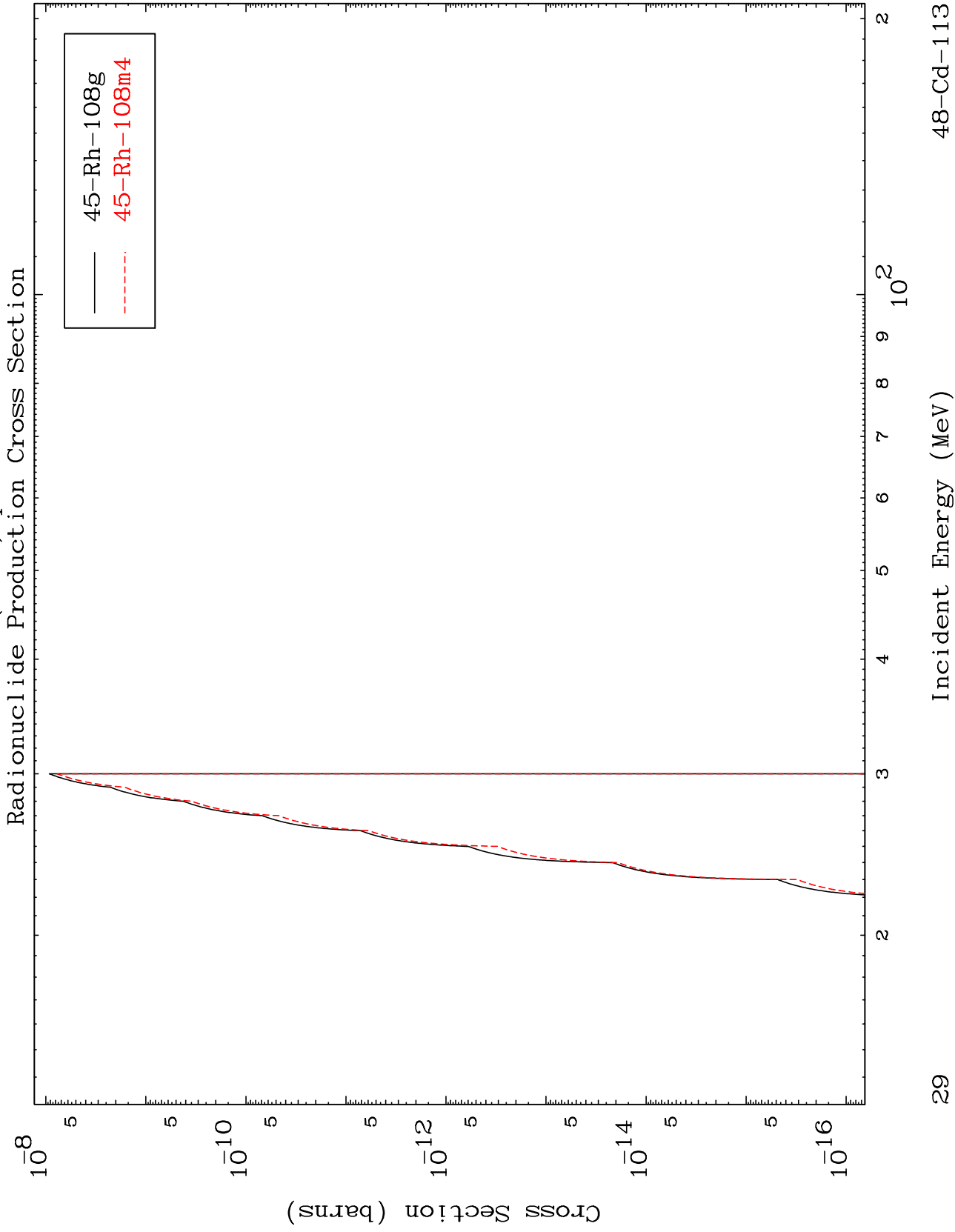
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,n') p α

48-Cd-113



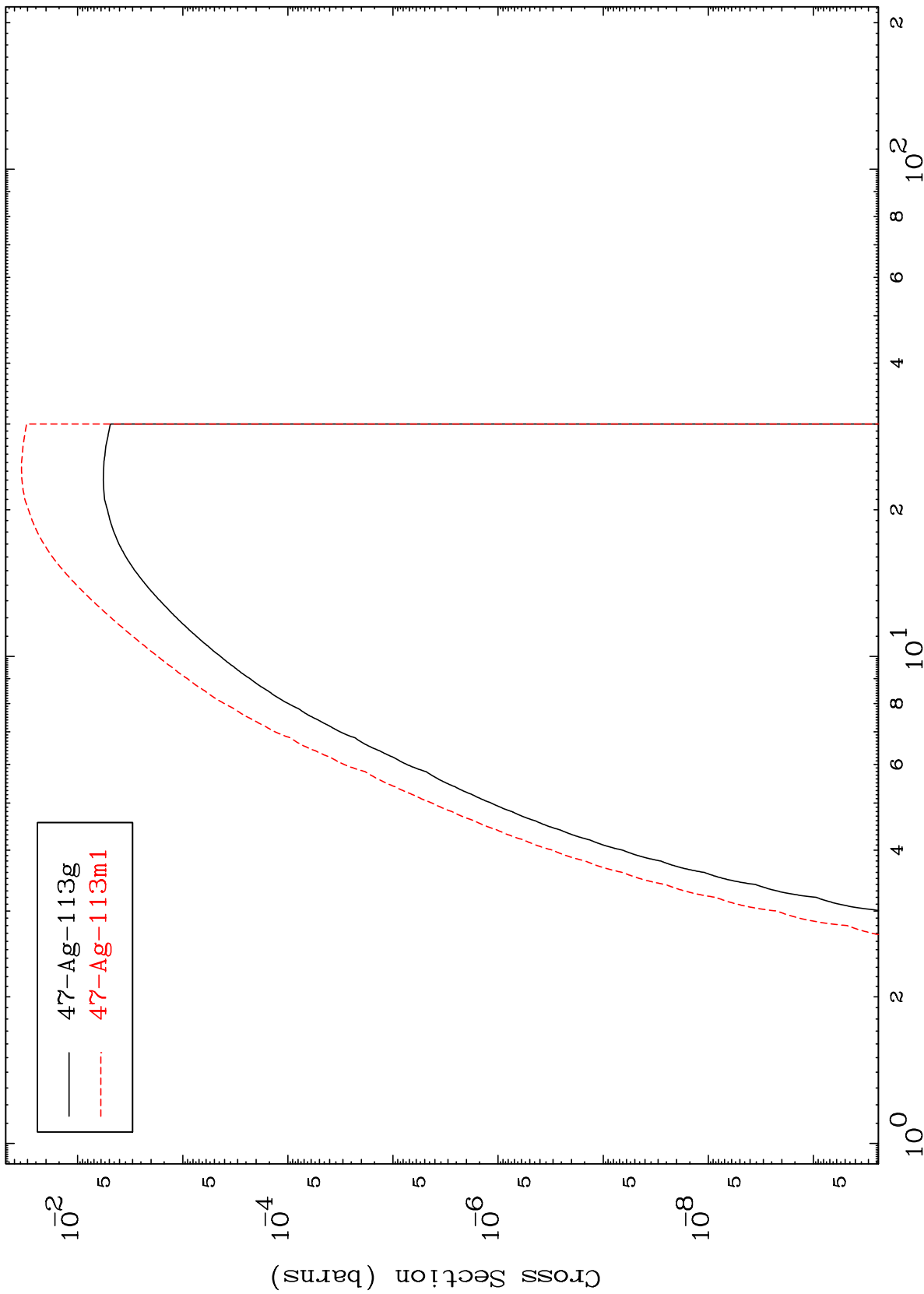
29

48-Cd-113

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48-Cd-113

(n,p)
Radionuclide Production Cross Section



— 47-Ag-113g
- - - 47-Ag-113m1

48-Cd-113

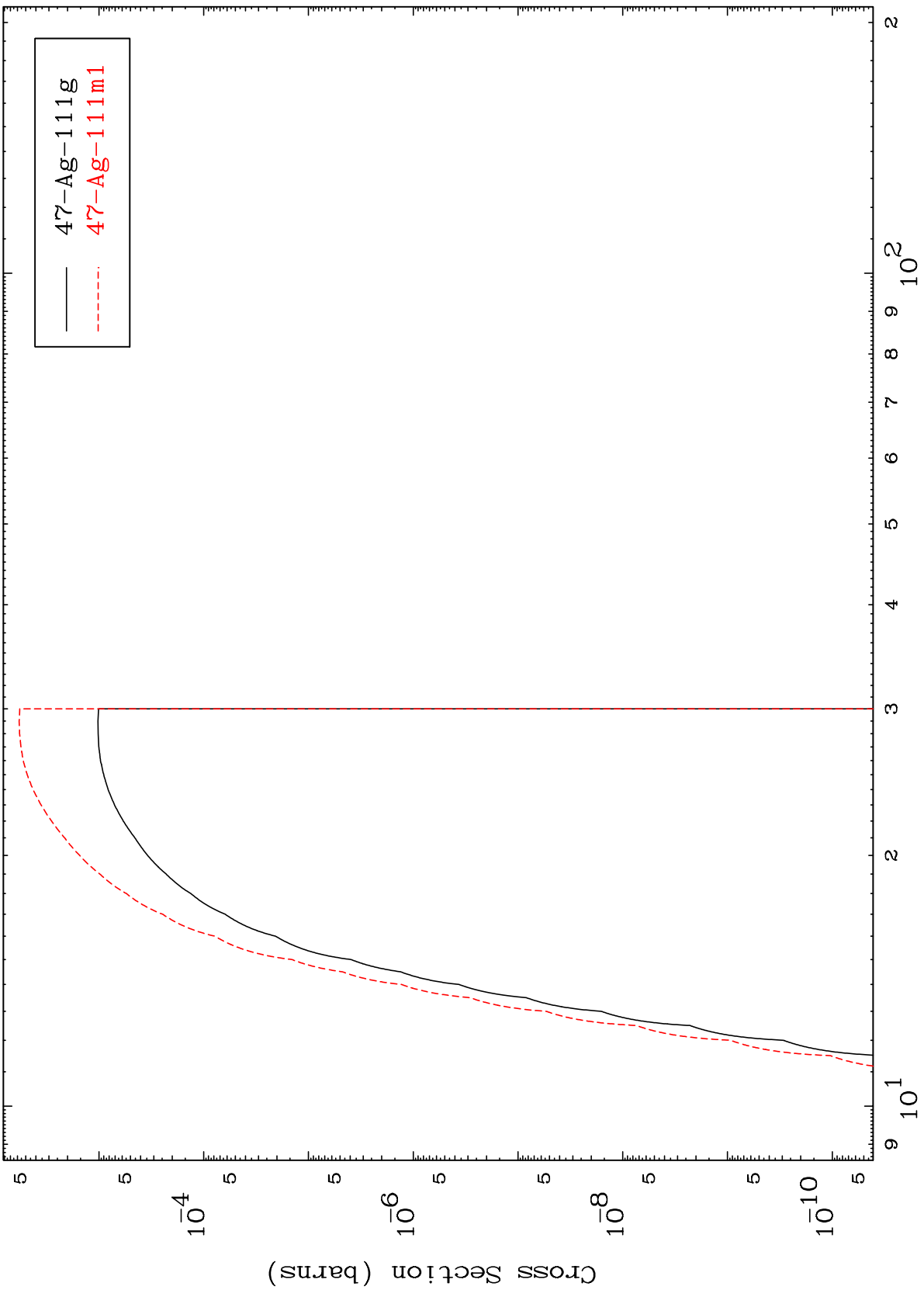
Incident Energy (MeV)

30

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48-Cd-113

(n,t)
Radionuclide Production Cross Section



31

Incident Energy (MeV)

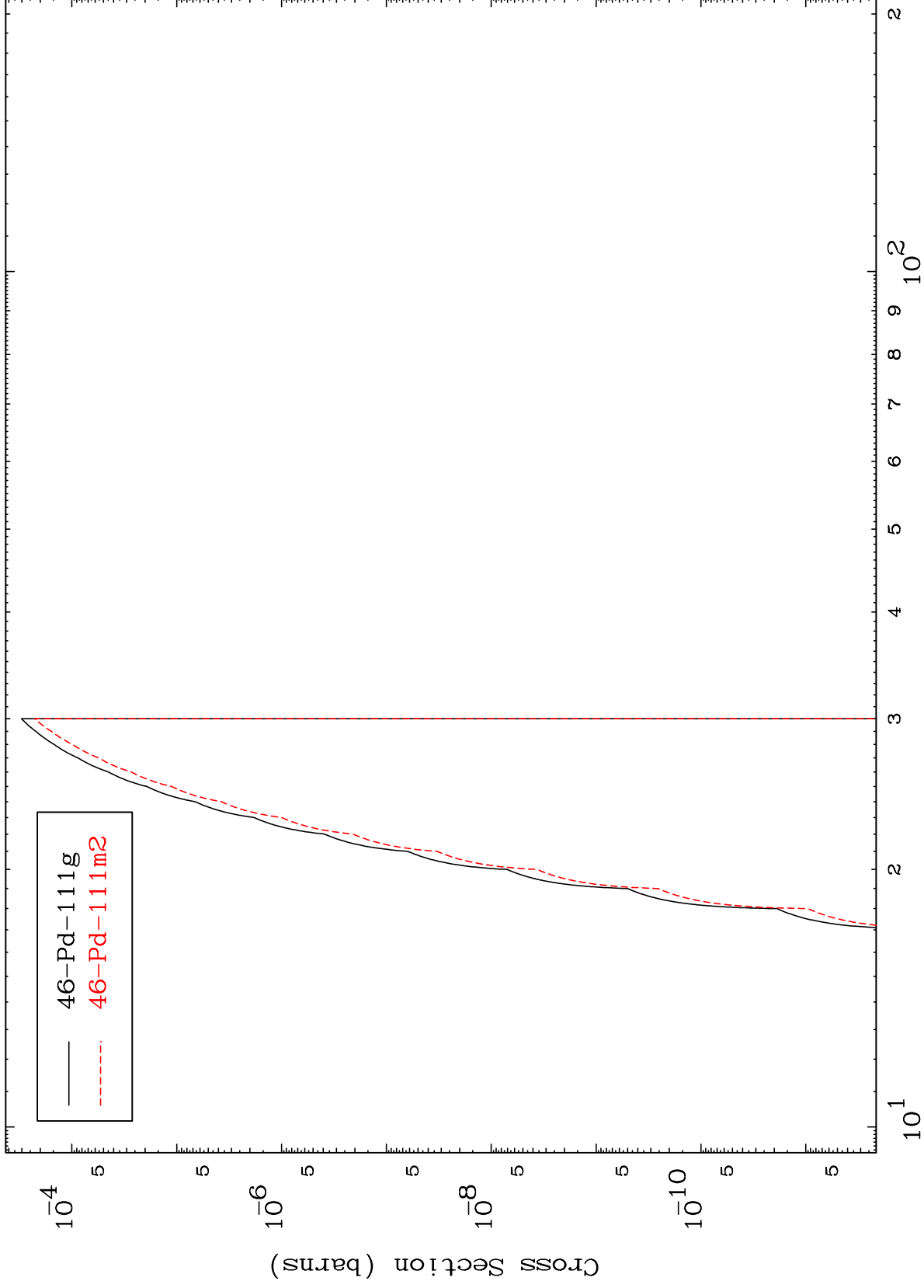
48-Cd-113

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(n,He-3)

48-Cd-113

Radionuclide Production Cross Section



32

Incident Energy (MeV)

48-Cd-113

