

Program EVALPLOT
(Version 2018-1)

by

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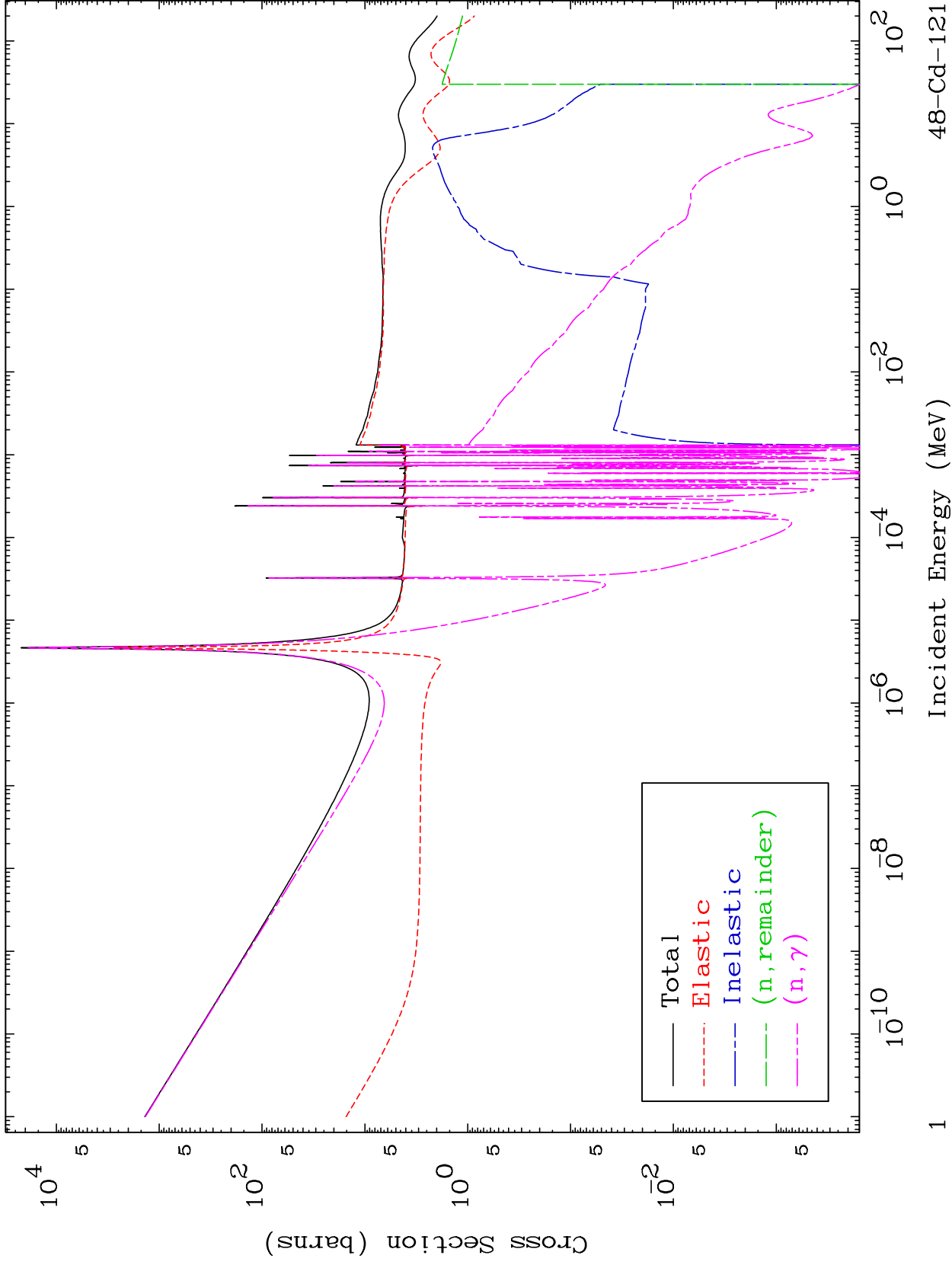
Press Mouse Button to Start

MAT 4871

Major

293 Kelvin Cross Sections

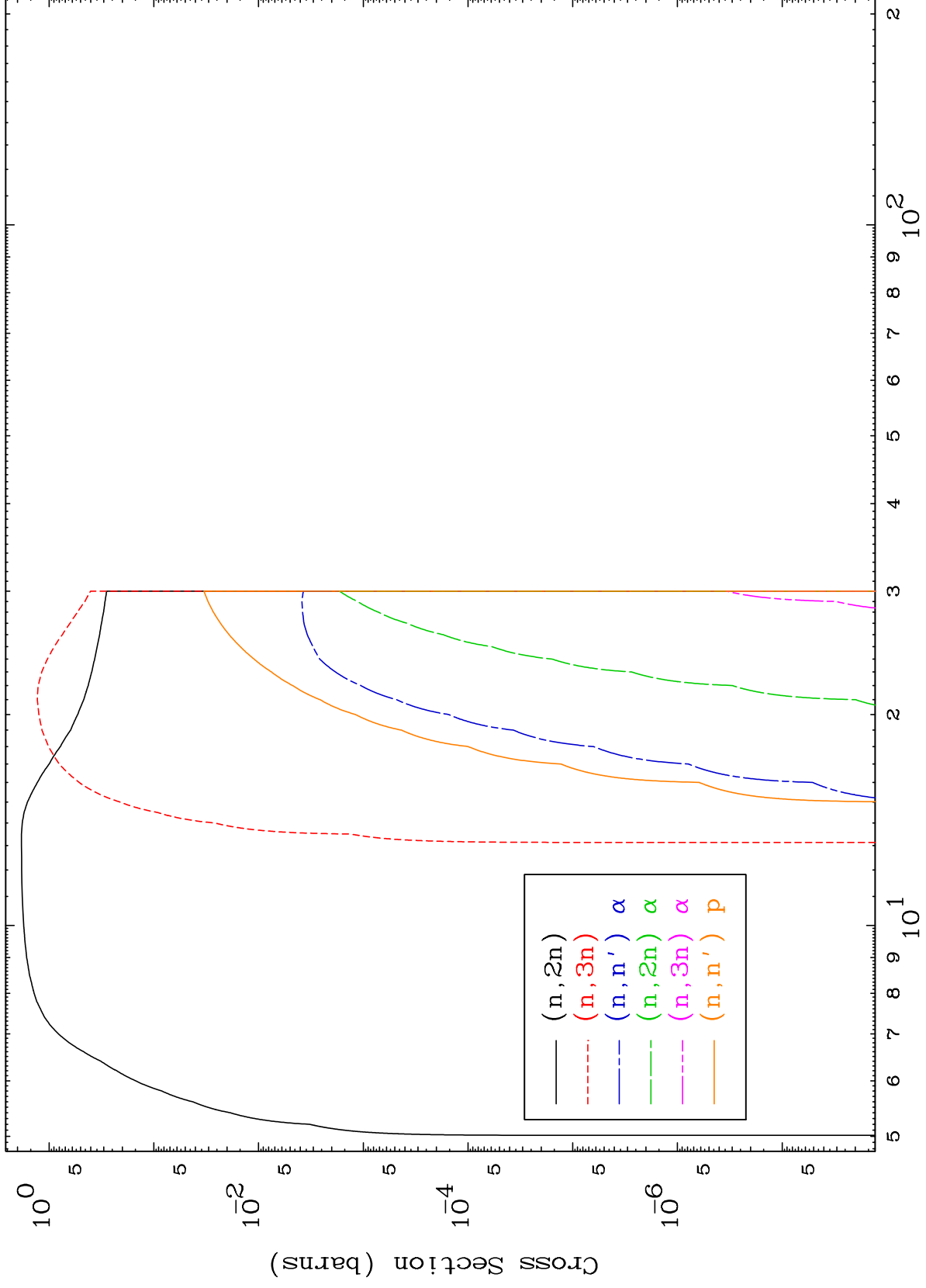
48-Cd-121



MAT 4871

Neutron Production
293 Kelvin Cross Sections

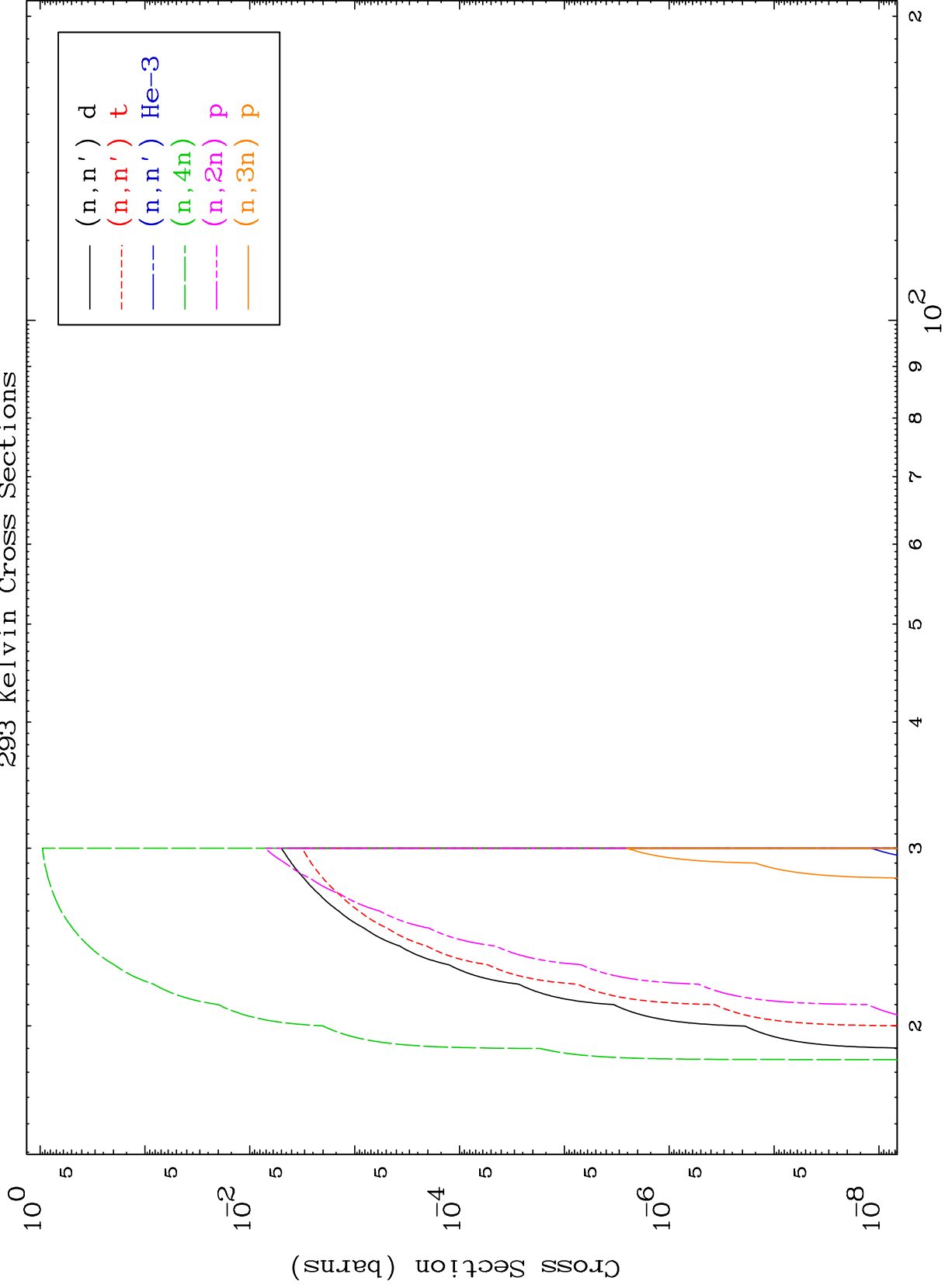
48-Cd-121



2

Incident Energy (MeV)

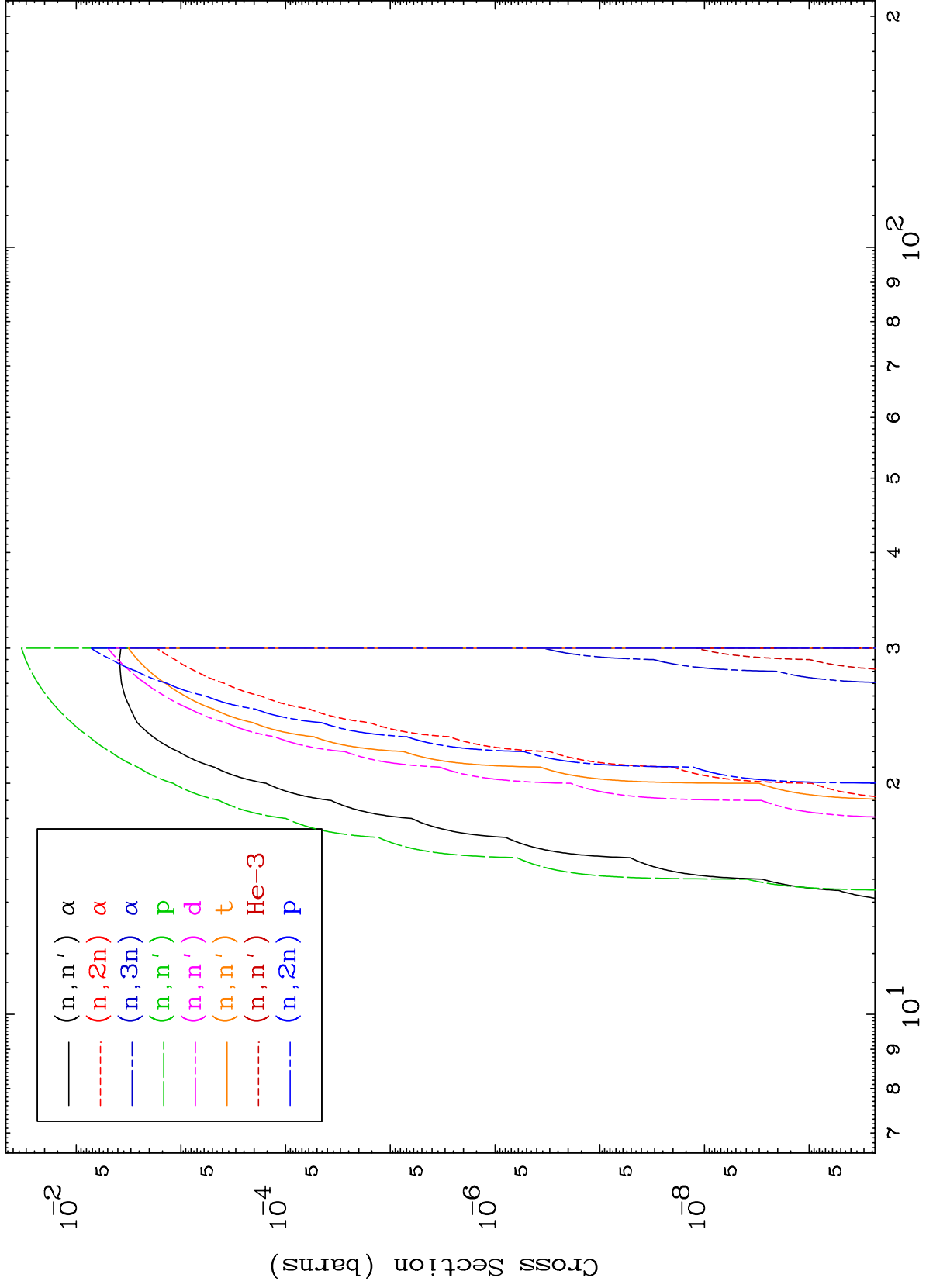
48-Cd-121



MAT 4871

Charged Particle
293 Kelvin Cross Sections

48-Cd-121



4

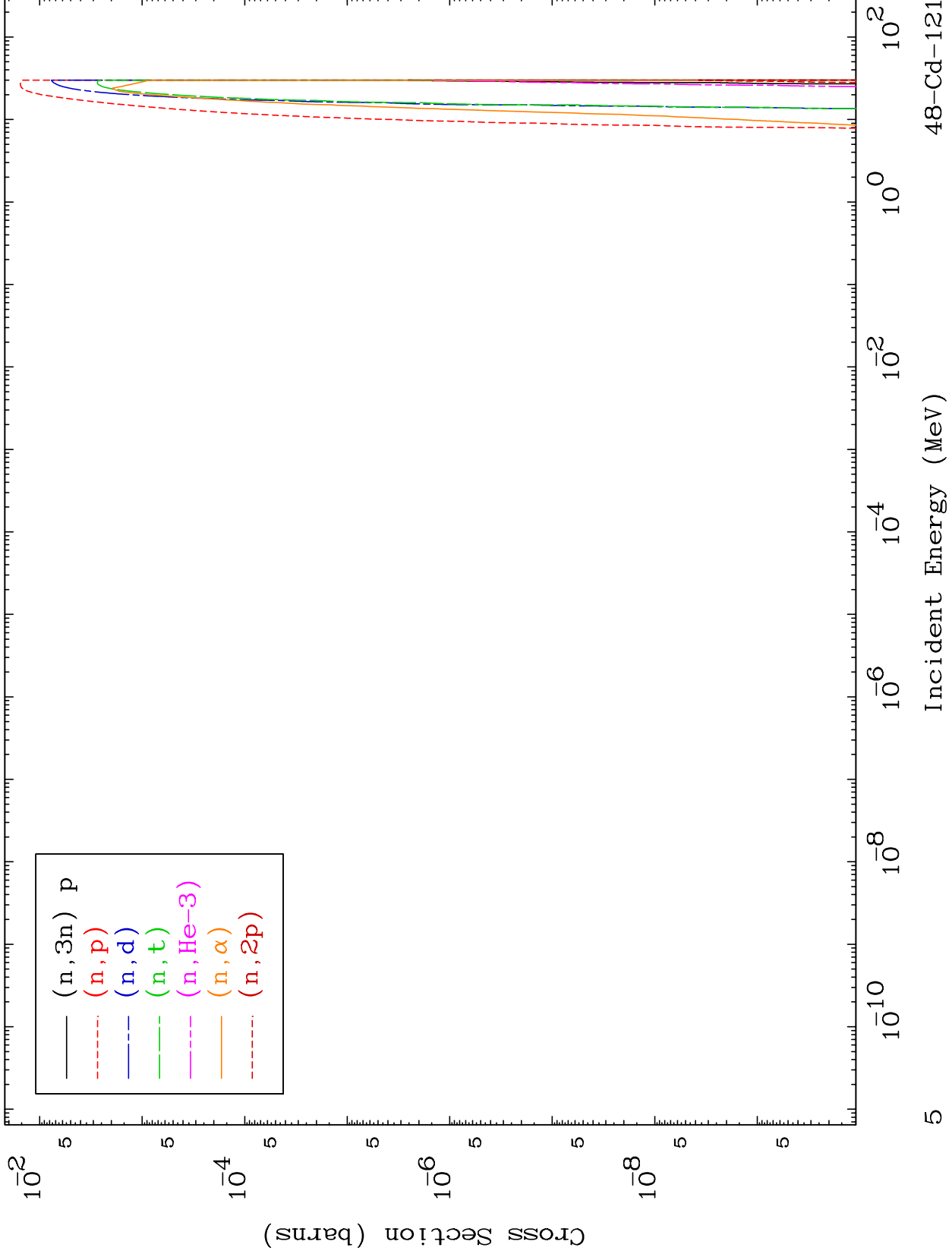
Incident Energy (MeV)

48-Cd-121

MAT 4871

Charged Particle
293 Kelvin Cross Sections

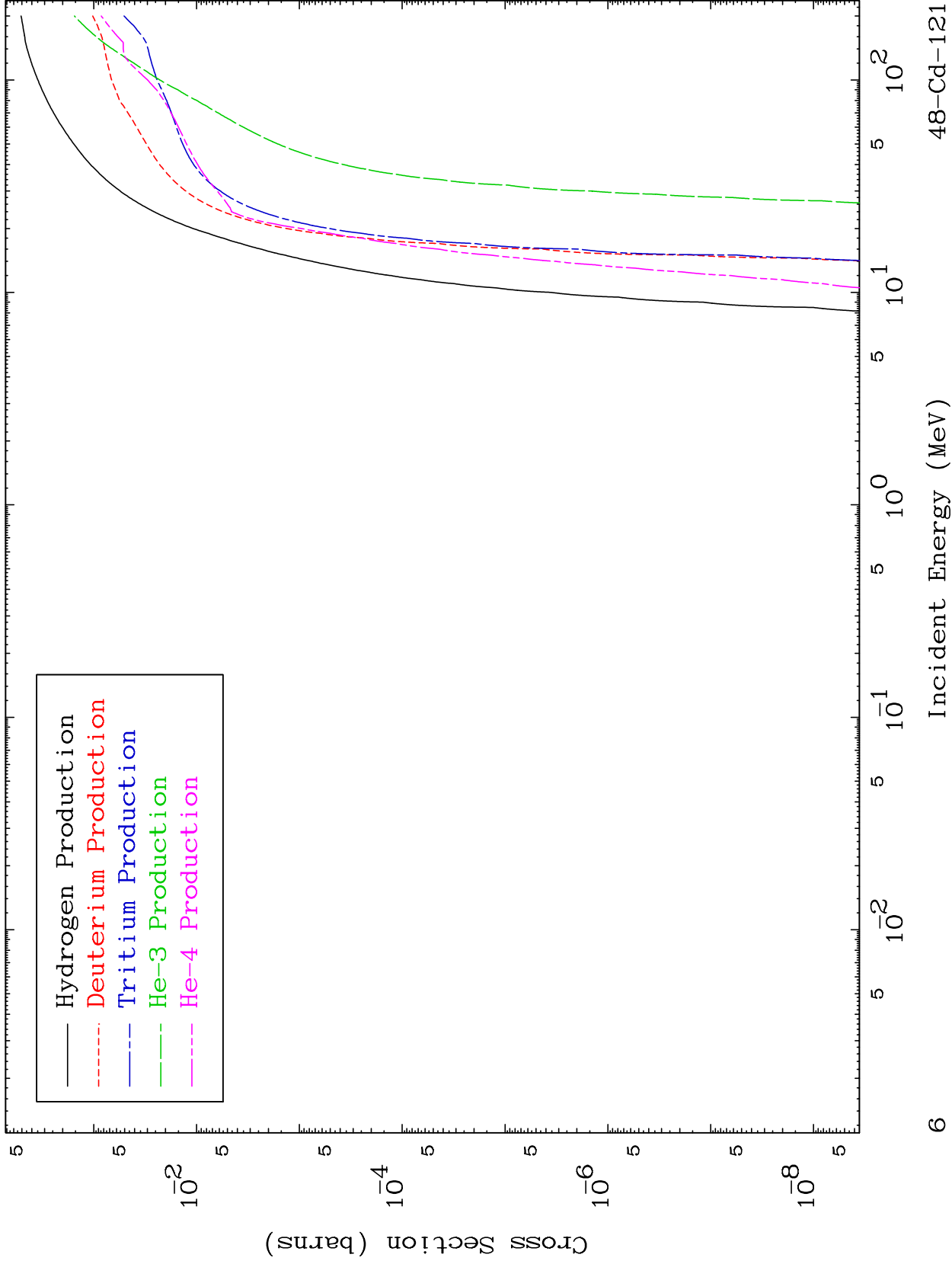
48-Cd-121



MAT 4871

Particle Production
293 Kelvin Cross Sections

48-Cd-121



6

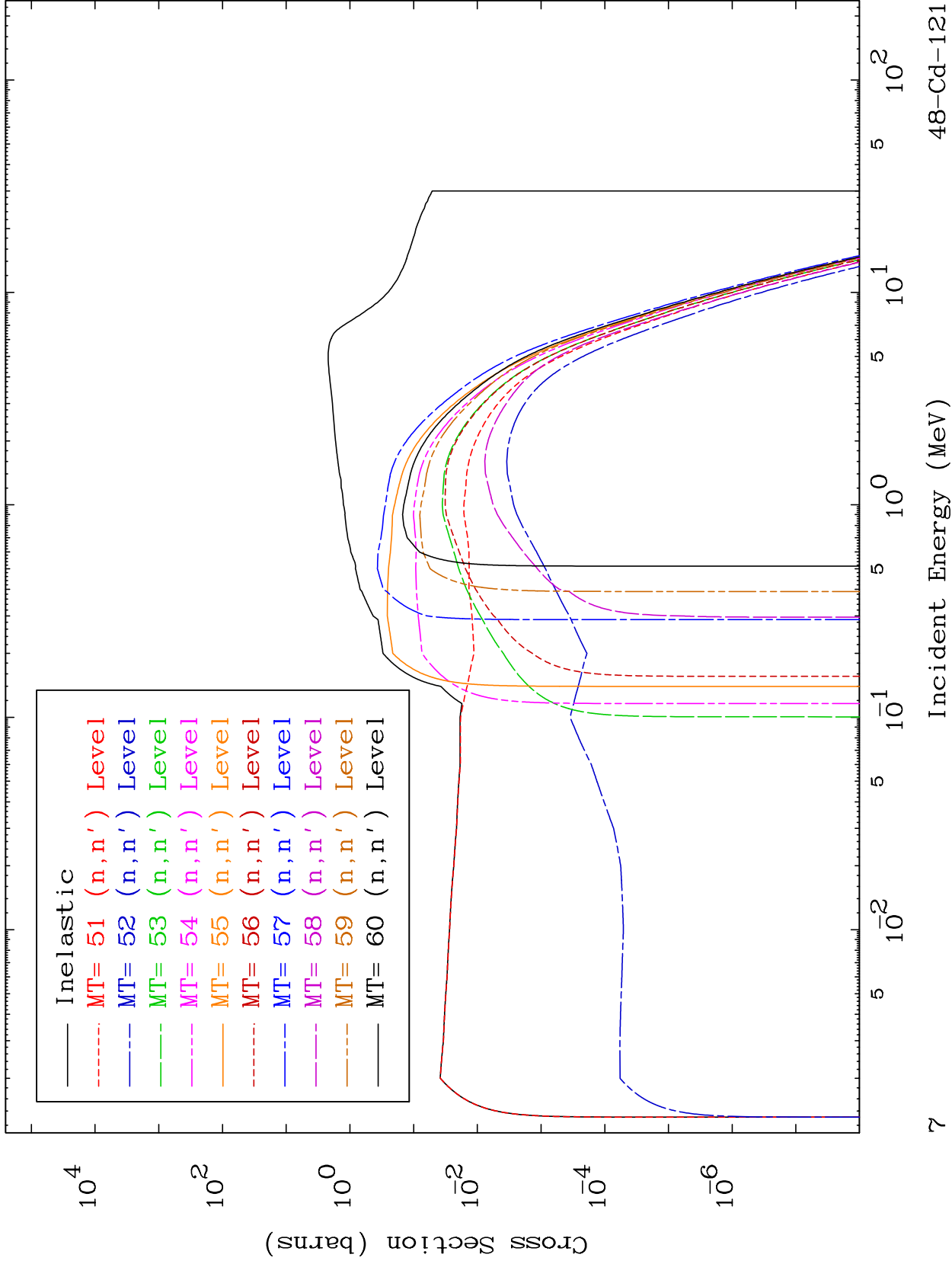
Incident Energy (MeV)

48-Cd-121

MAT 4871

(n,n') Level
293 Kelvin Cross Sections

48-Cd-121

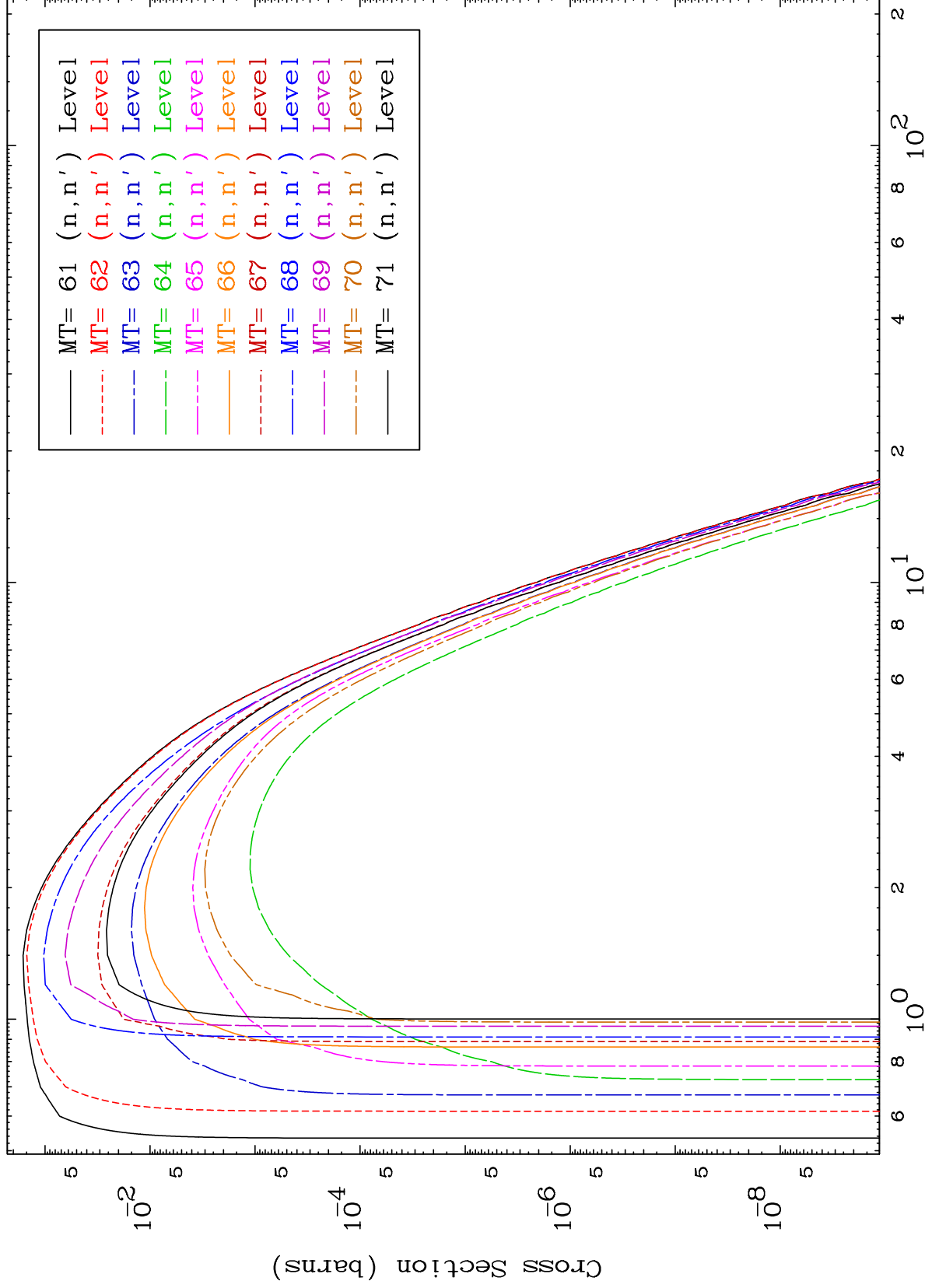


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(n,n') Level

48-Cd-121

293 Kelvin Cross Sections



8

Incident Energy (MeV)

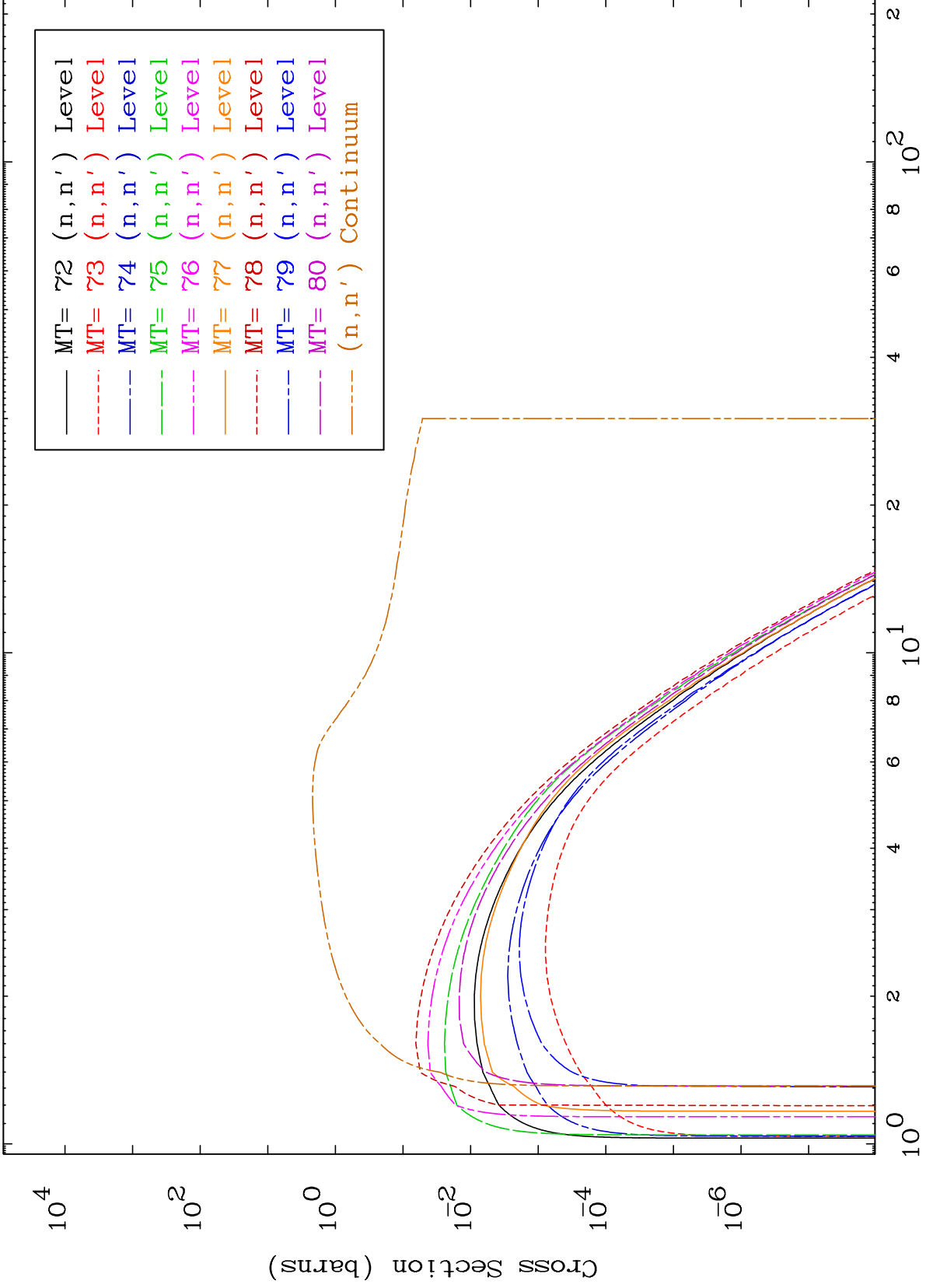
48-Cd-121

MAT 4871

(n,n') Level

48-Cd-121

293 Kelvin Cross Sections



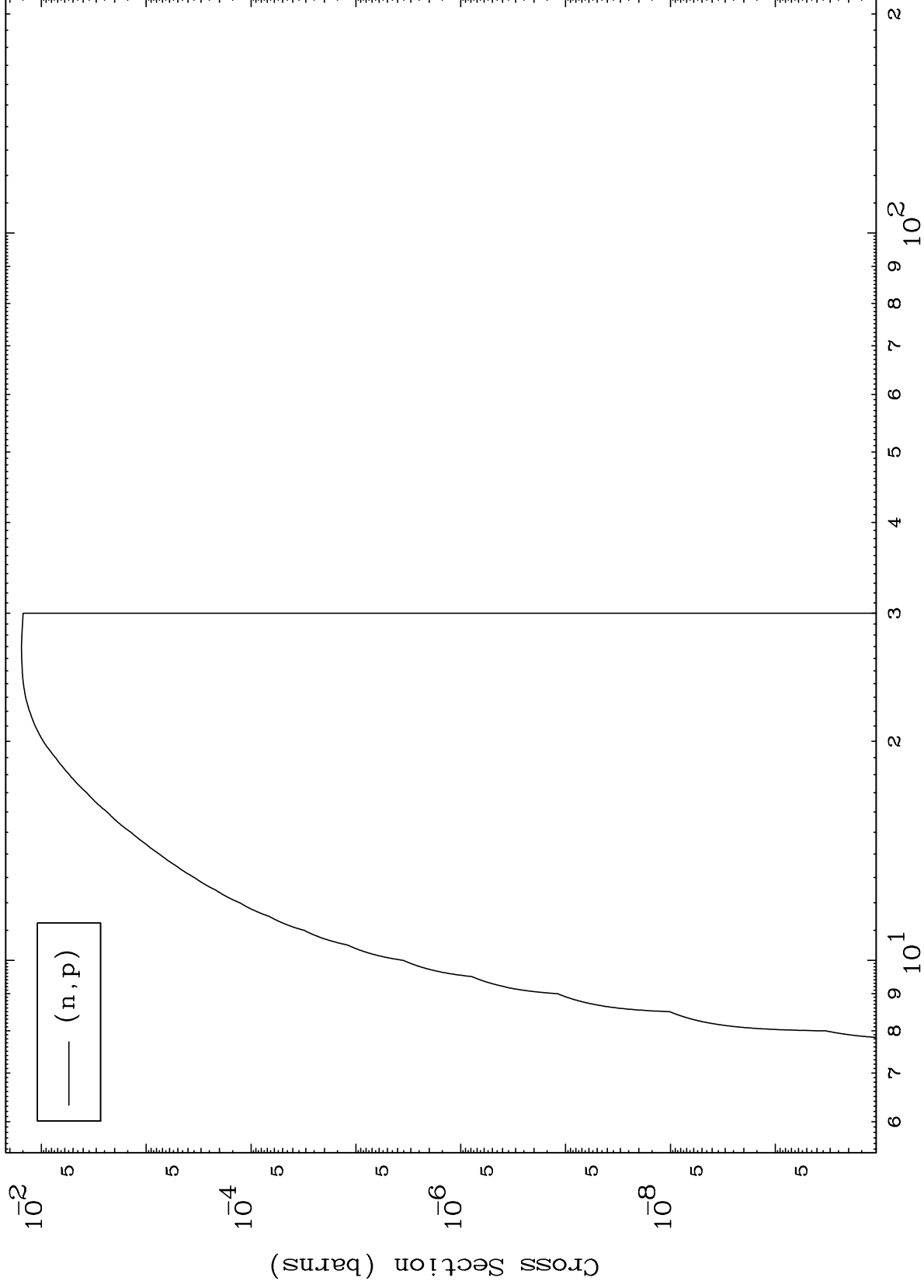
Incident Energy (MeV)

48-Cd-121

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48-Cd-121

(n,p) Levels
293 Kelvin Cross Sections



10

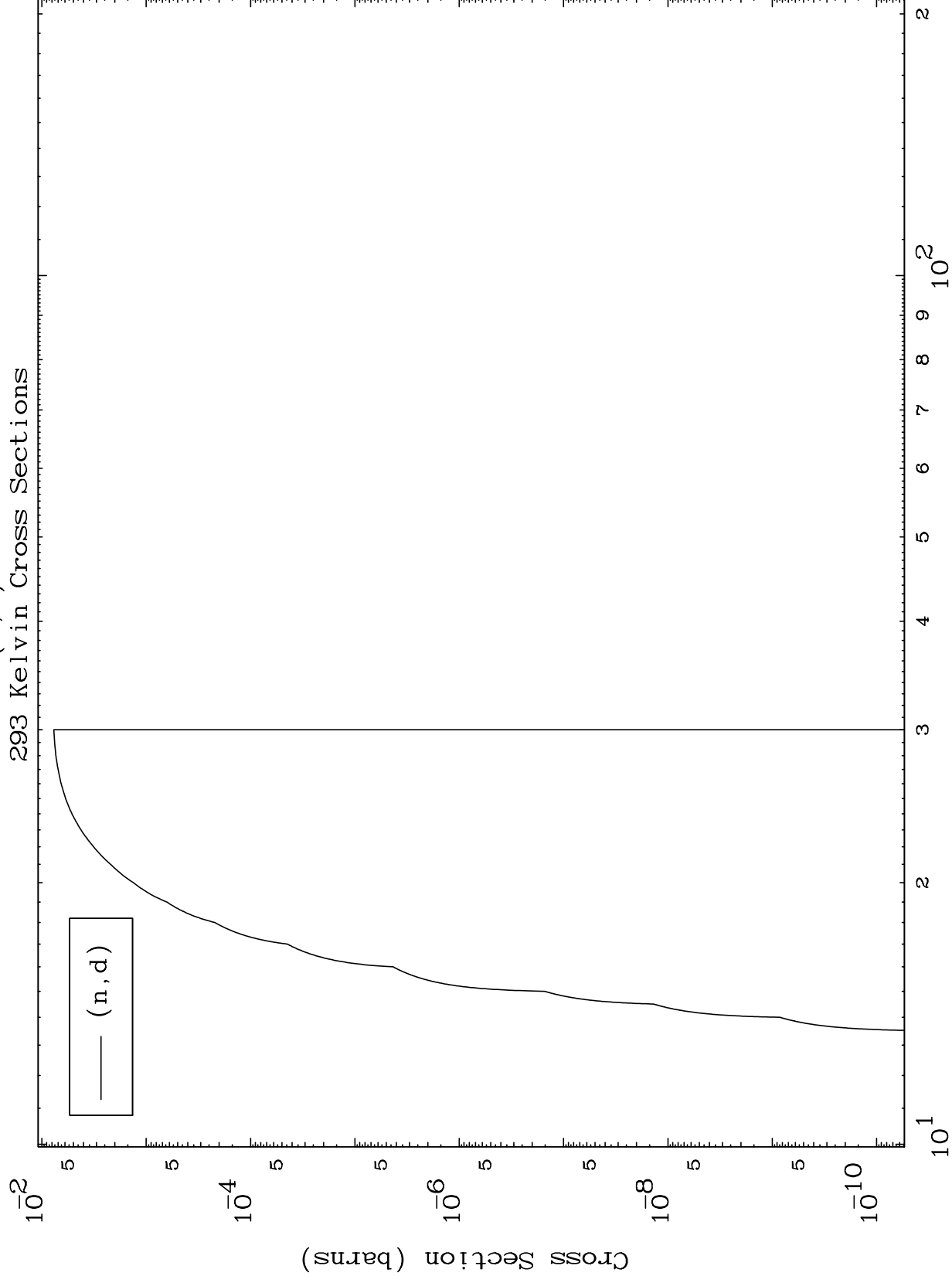
Incident Energy (MeV)

48-Cd-121

MAT 4871

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-121



11

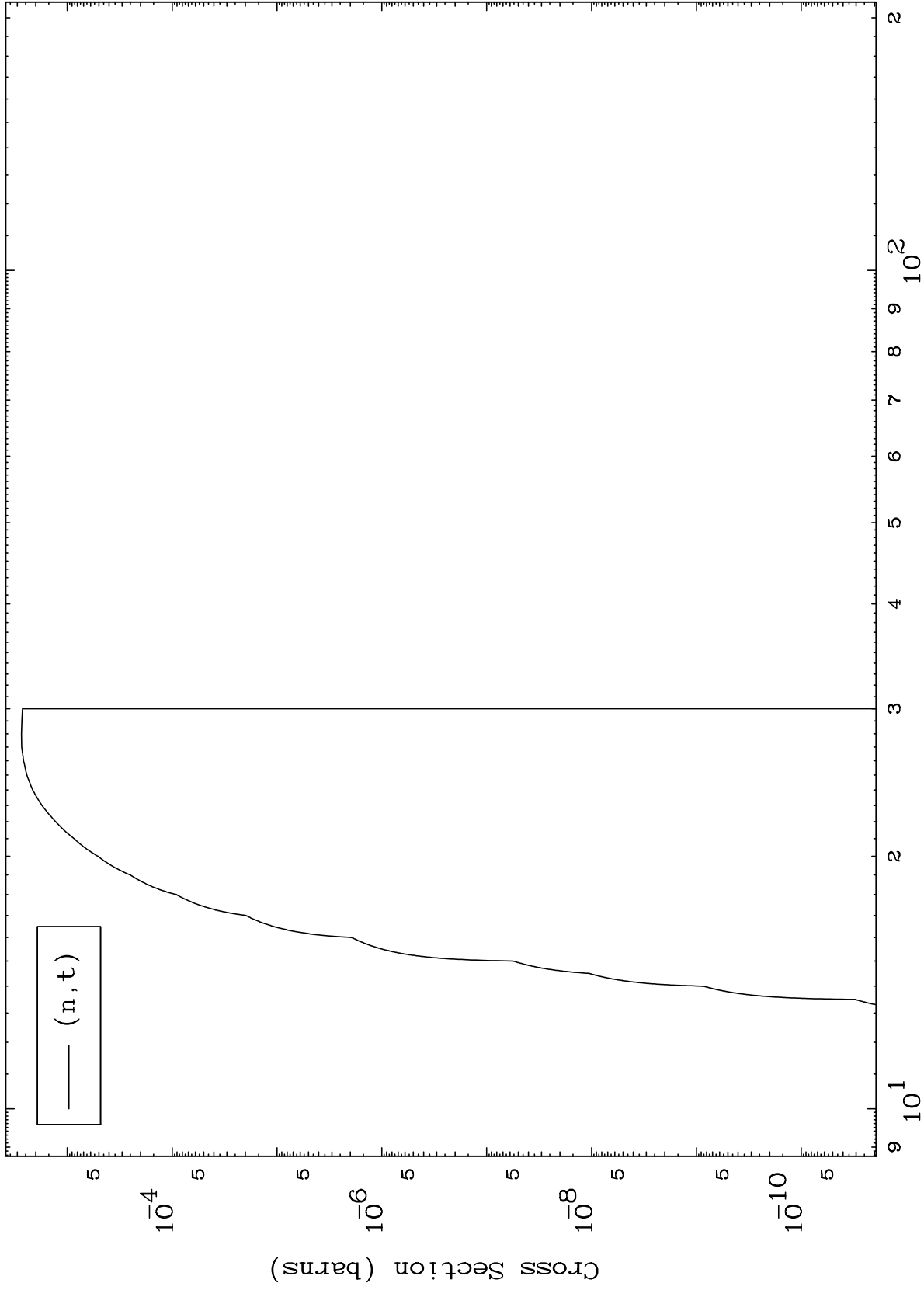
Incident Energy (MeV)

48-Cd-121

MAT 4871

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-121



12

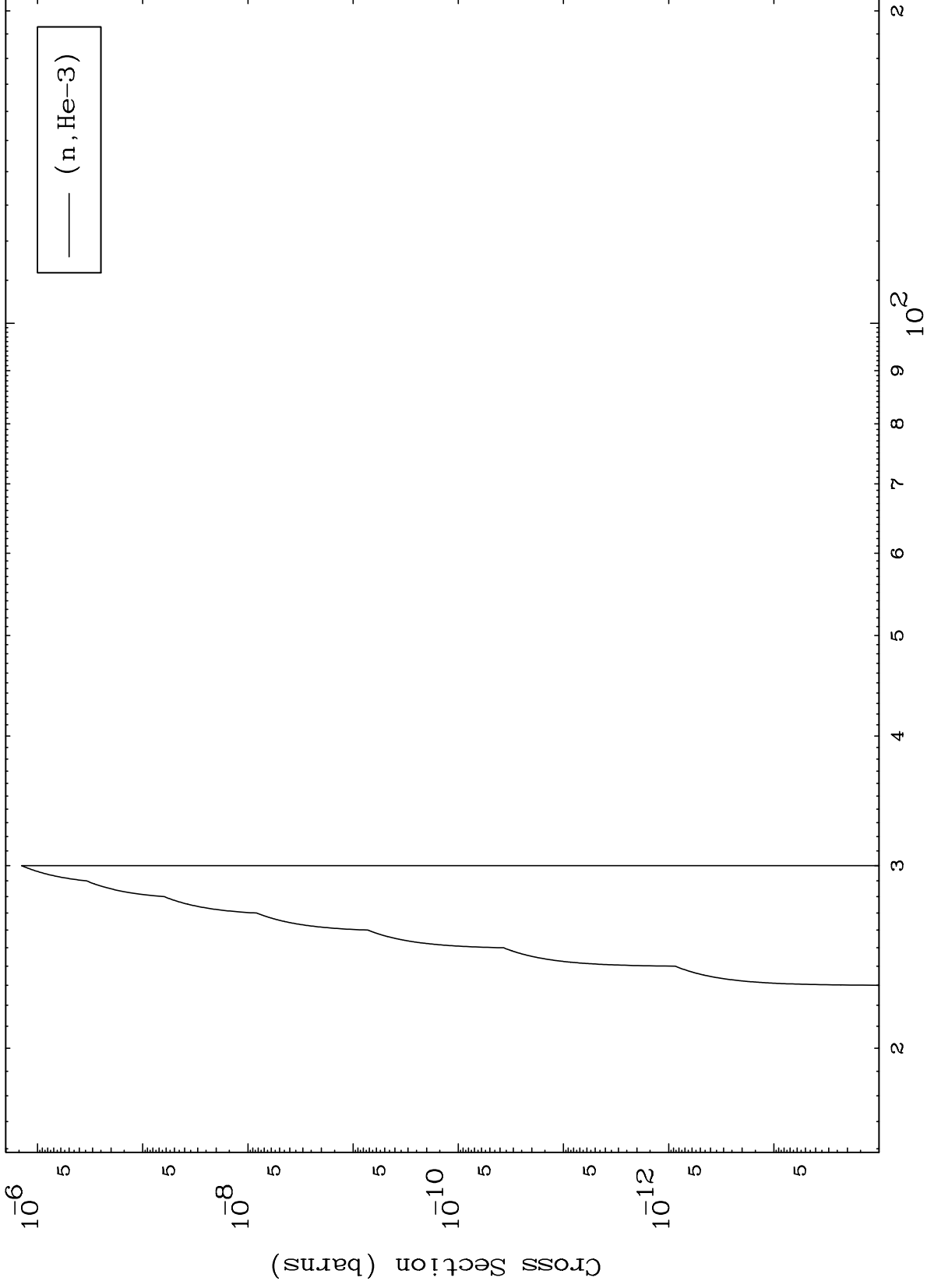
Incident Energy (MeV)

48-Cd-121

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(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-121



13

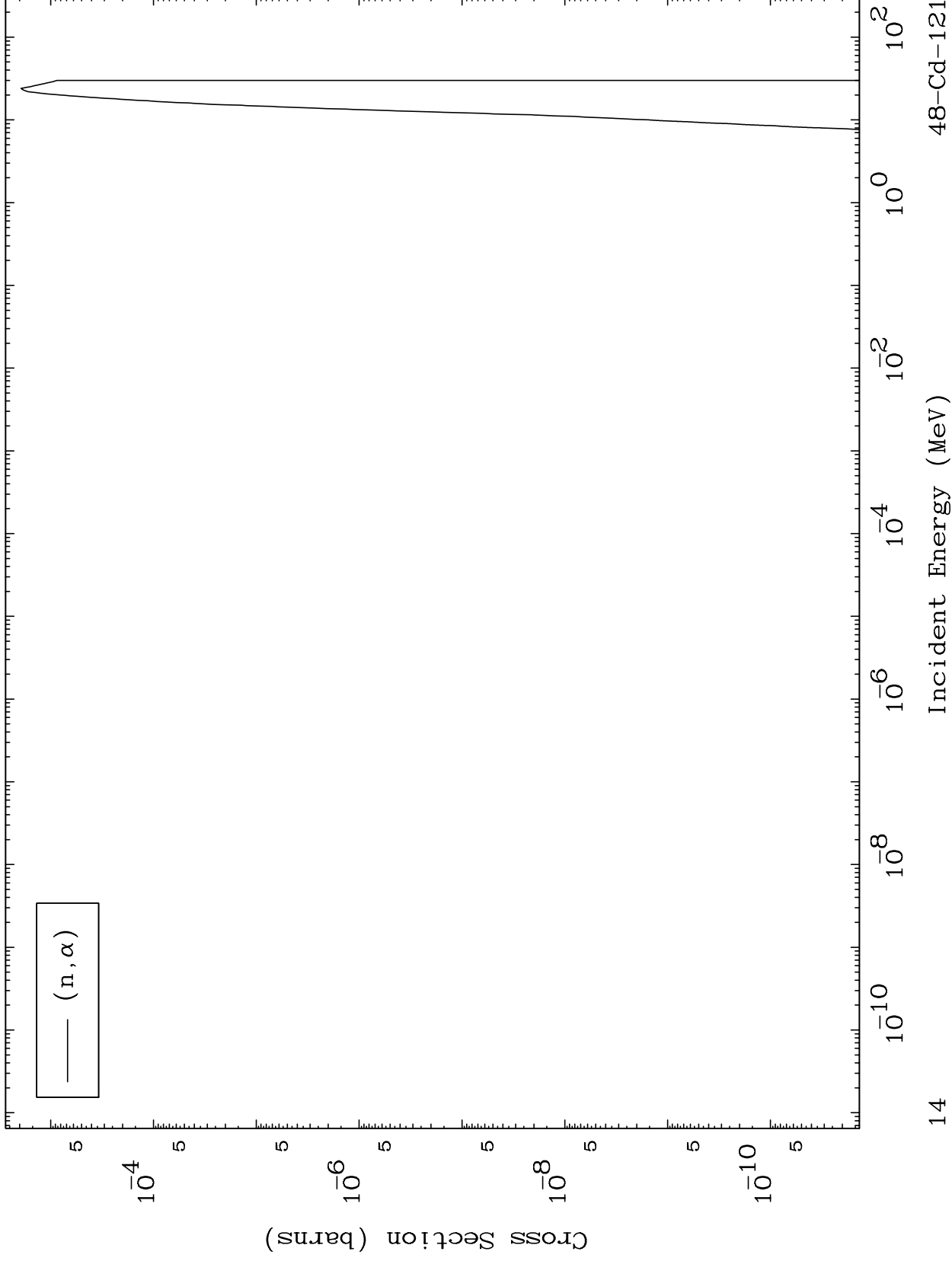
Incident Energy (MeV)

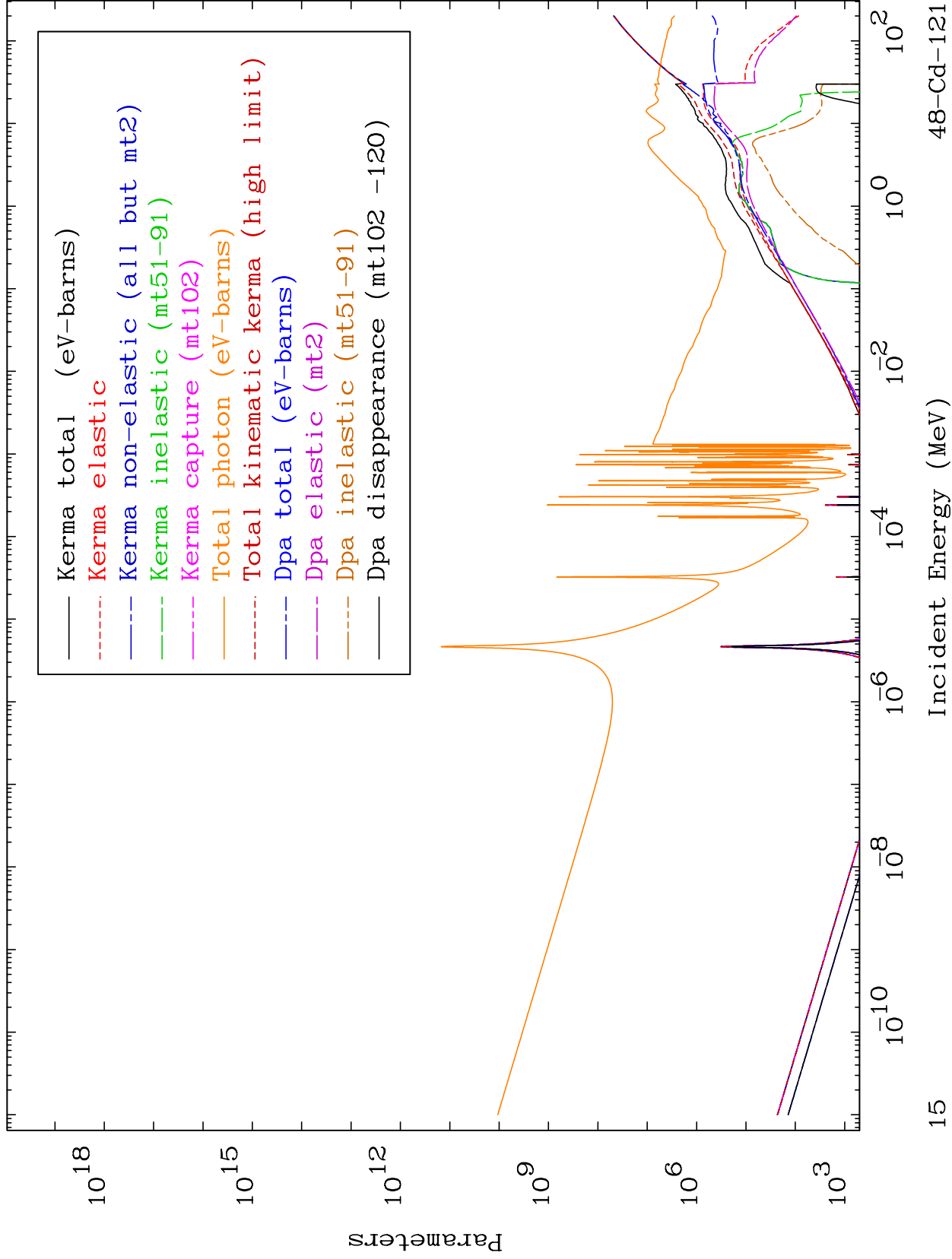
48-Cd-121

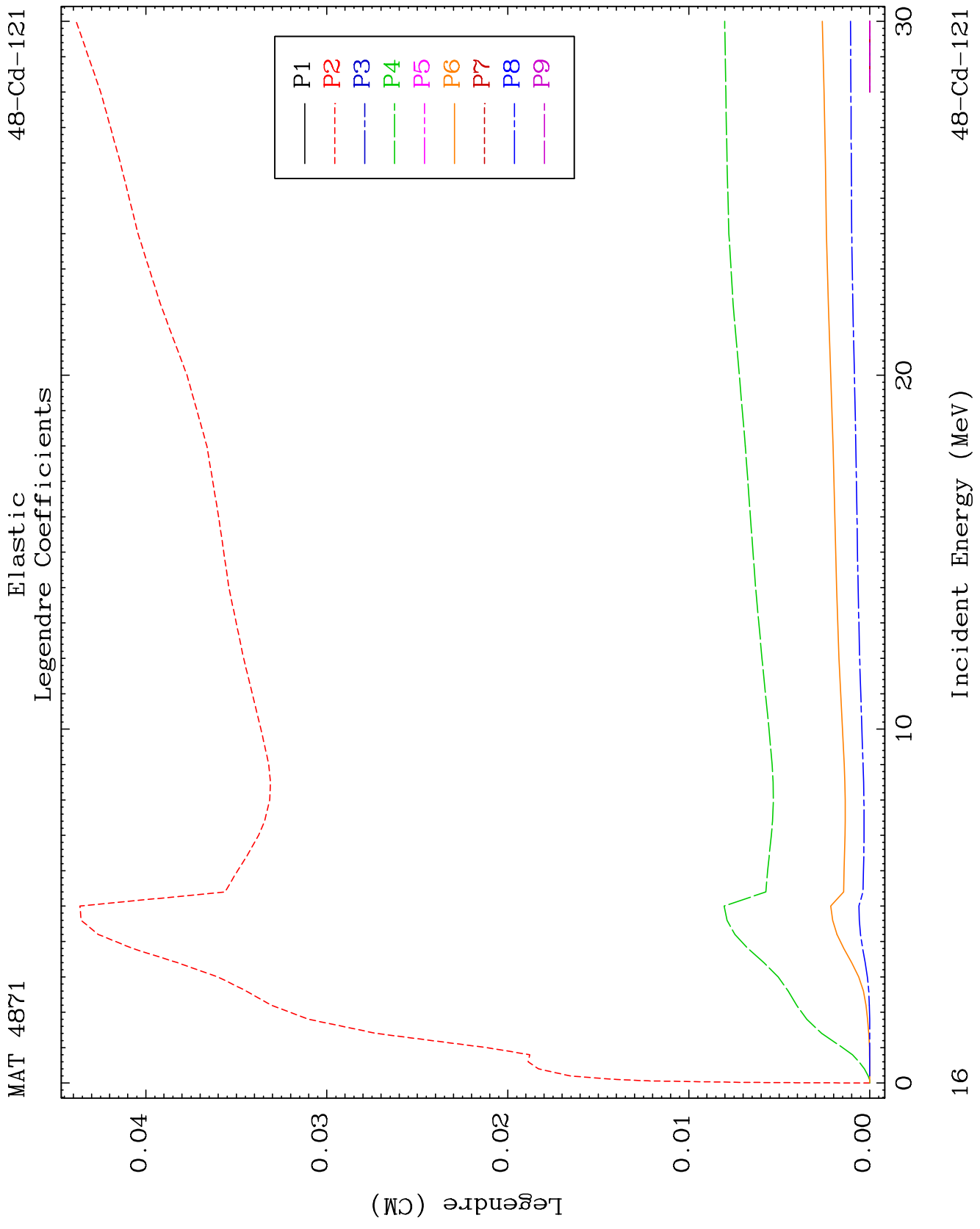
MAT 4871

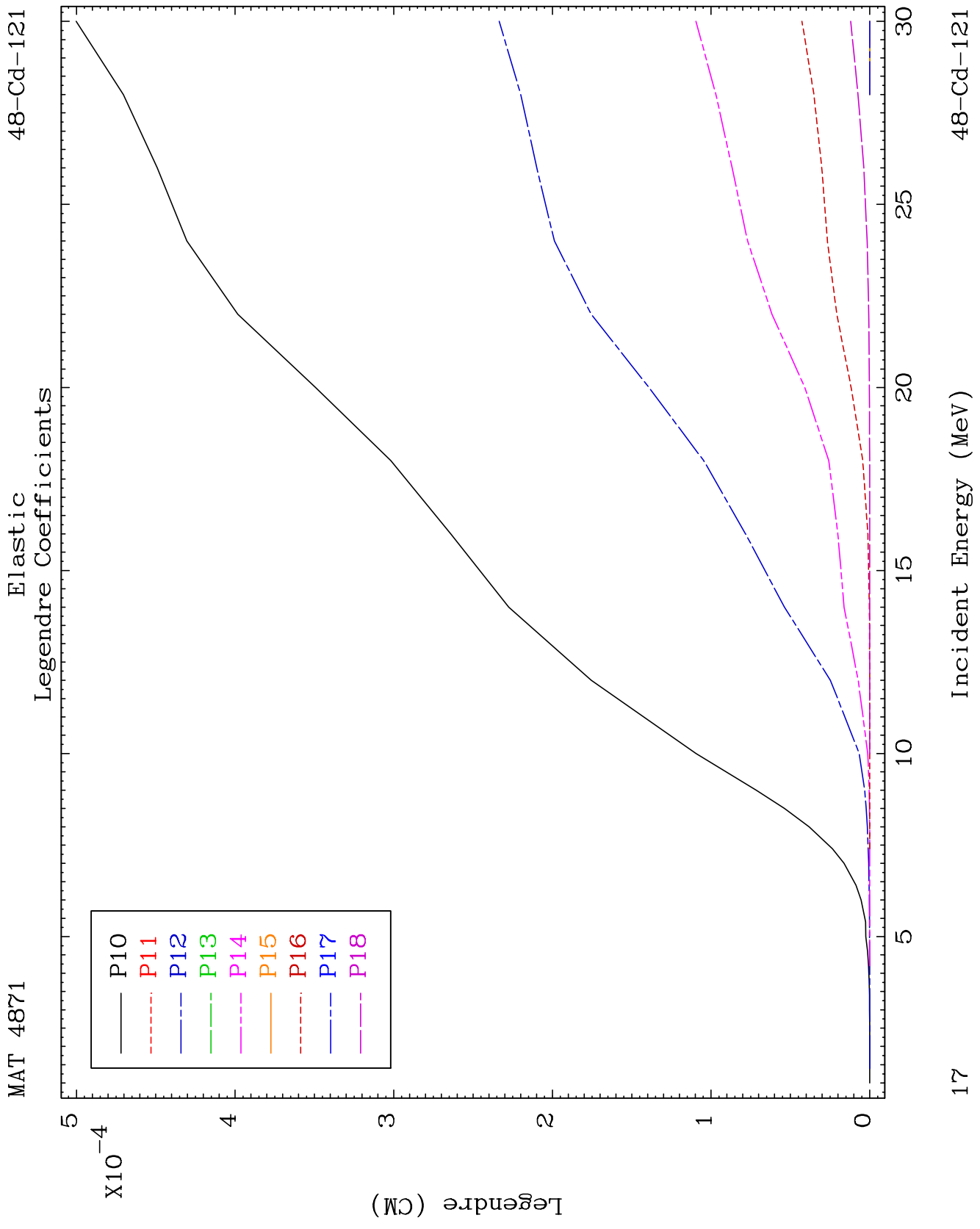
(n, α) Levels
293 Kelvin Cross Sections

48-Cd-121





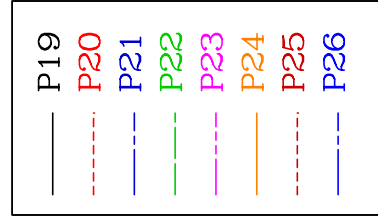




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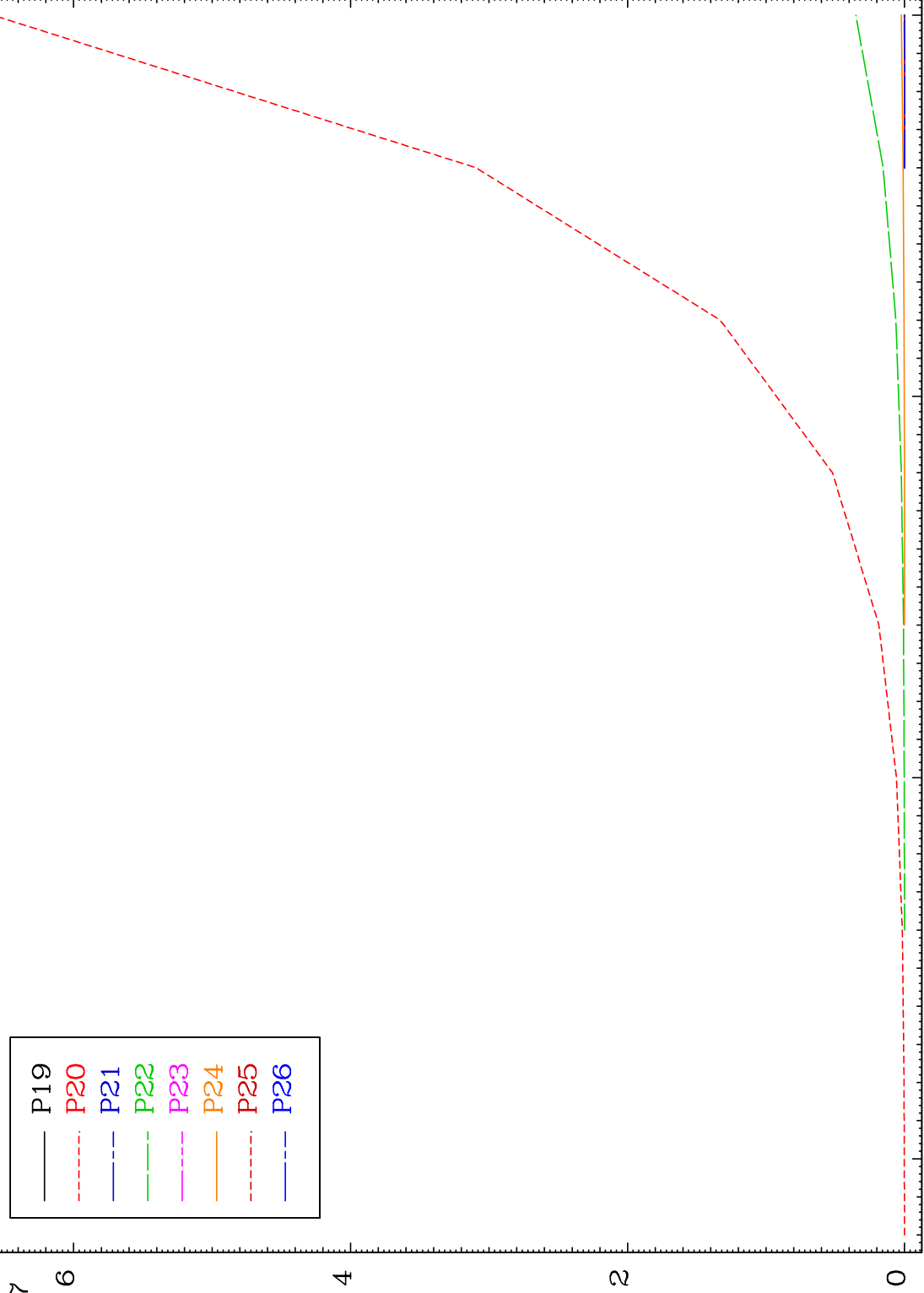
Elastic
Legendre Coefficients

48-Cd-121



$\times 10^{-7}$

Legendre (CM)



18

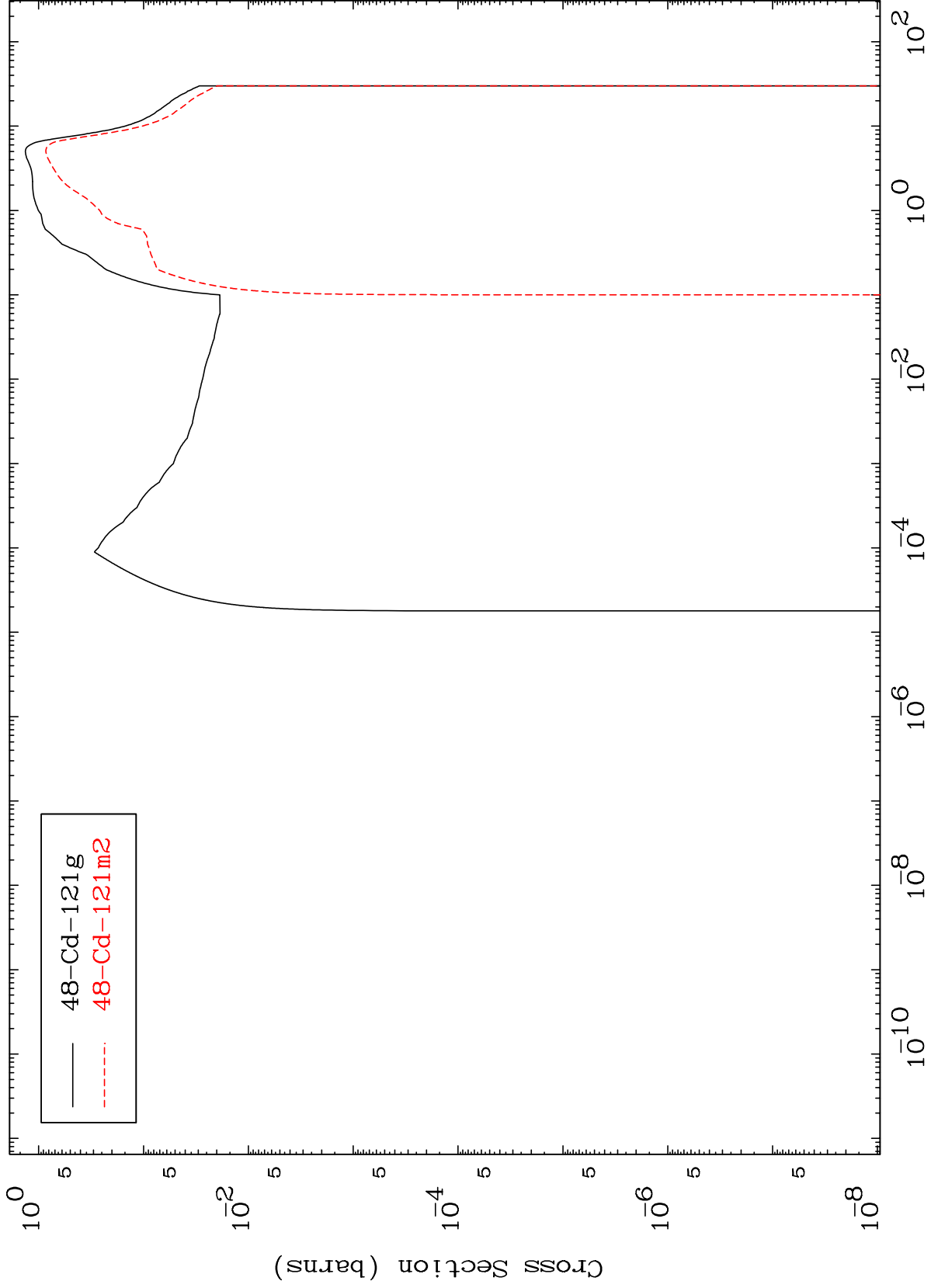
Incident Energy (MeV)

48-Cd-121

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48-Cd-121

Inelastic
Radionuclide Production Cross Section



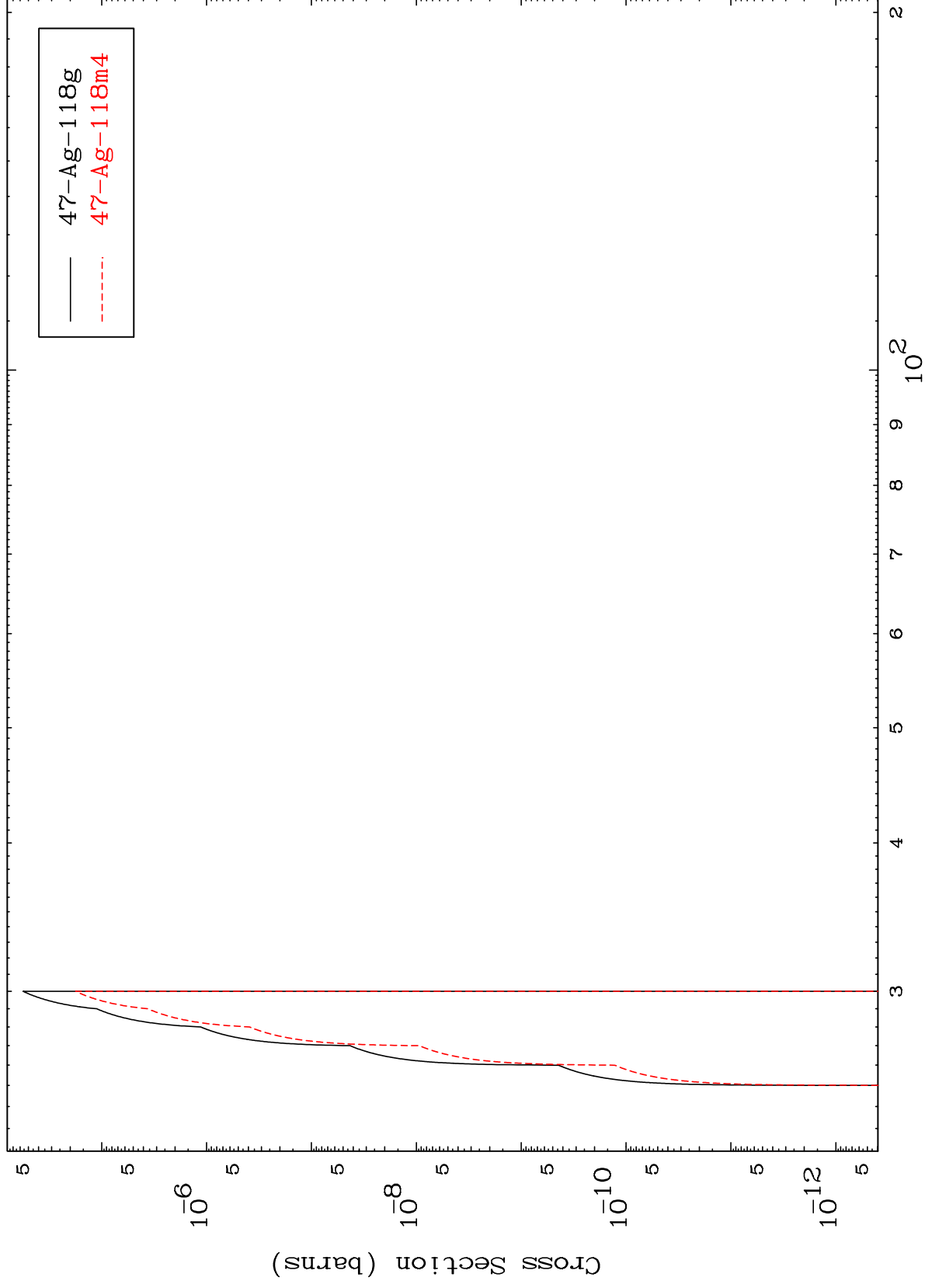
— 48-Cd-121 g
- - - 48-Cd-121 m2

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(n,2n) d

48-Cd-121

Radionuclide Production Cross Section



20

Incident Energy (MeV)

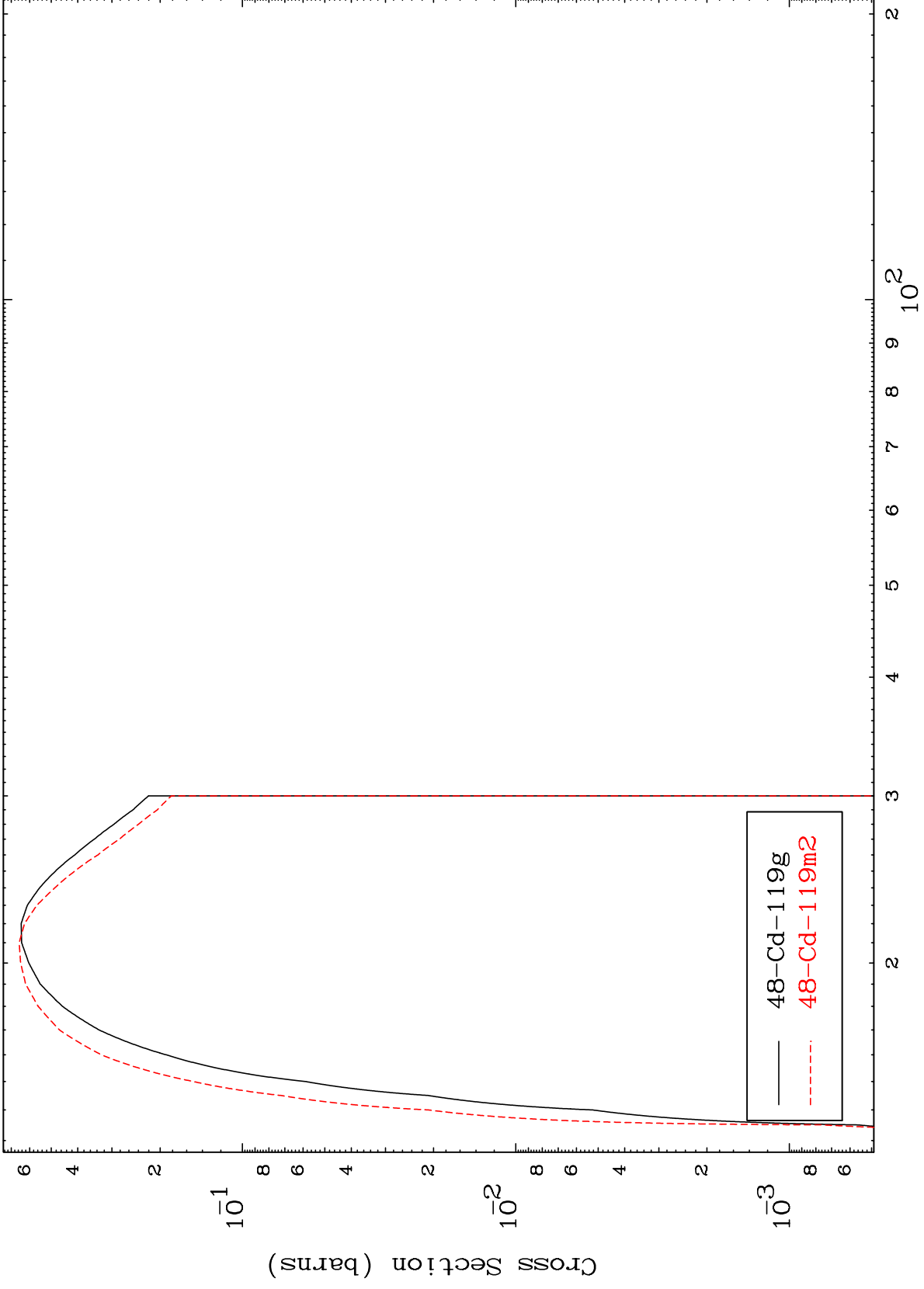
48-Cd-121

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(n,3n)

48-Cd-121

Radionuclide Production Cross Section



21

Incident Energy (MeV)

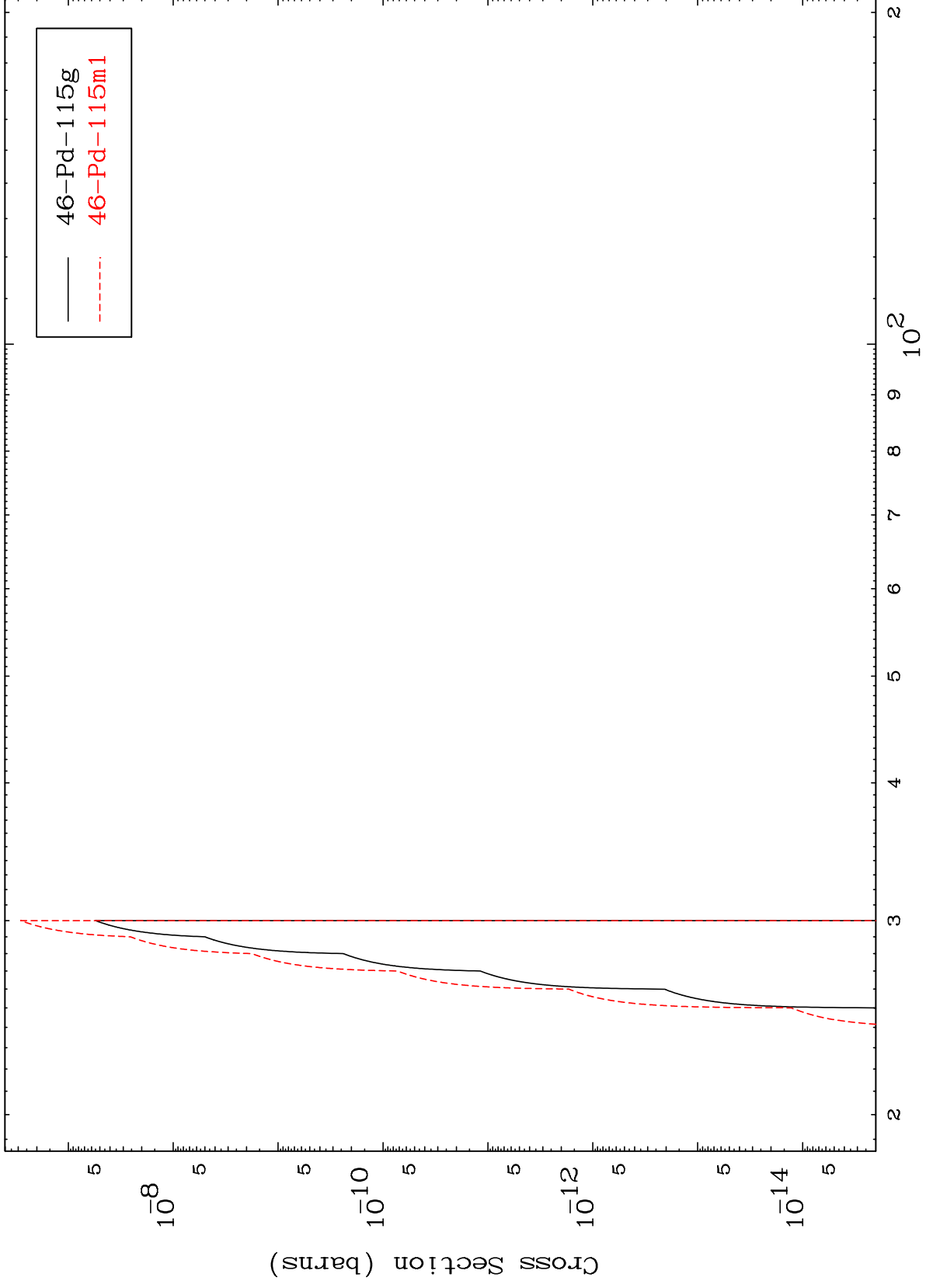
48-Cd-121

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(n,3n) α

48-Cd-121

Radionuclide Production Cross Section

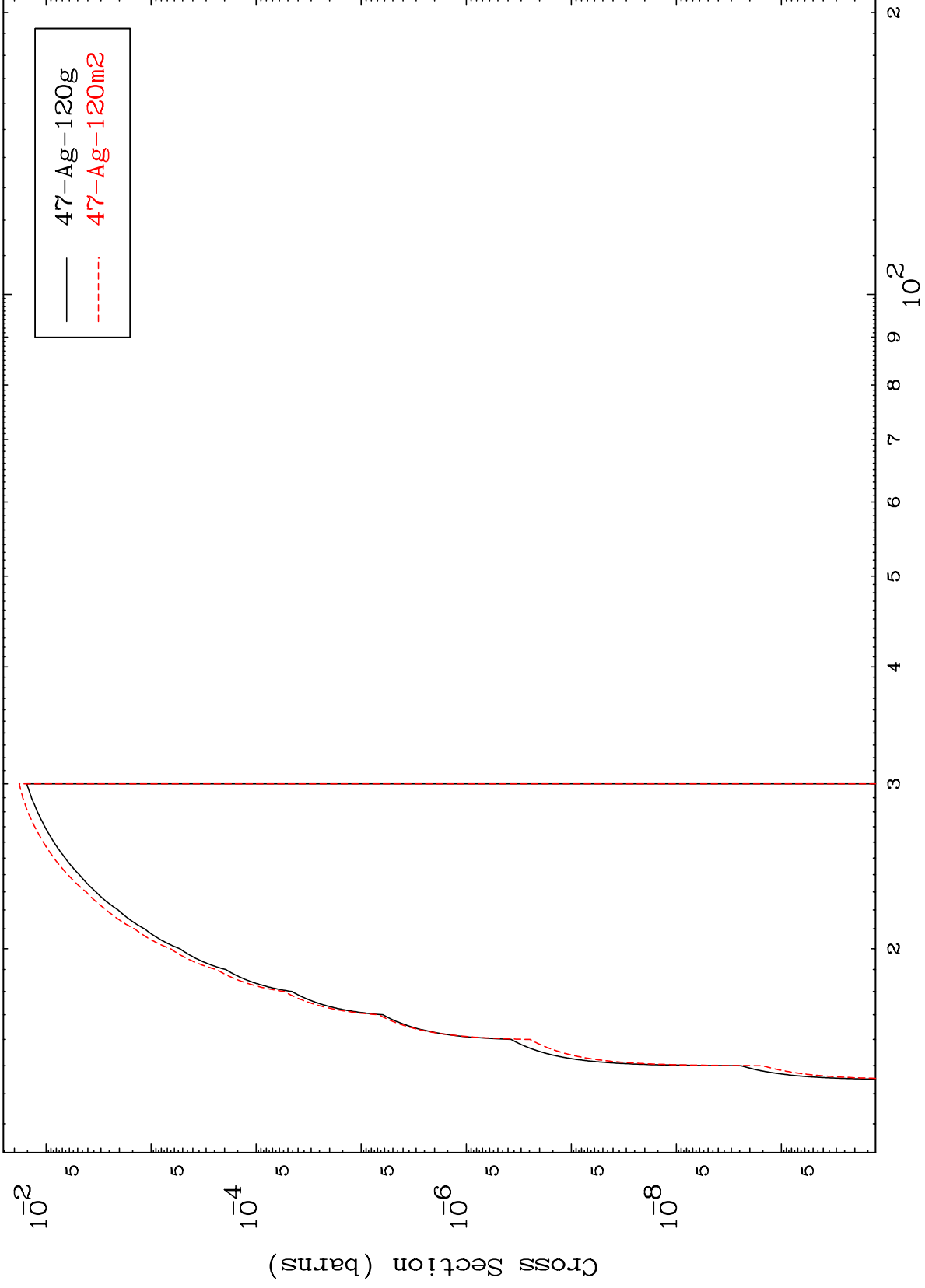


22

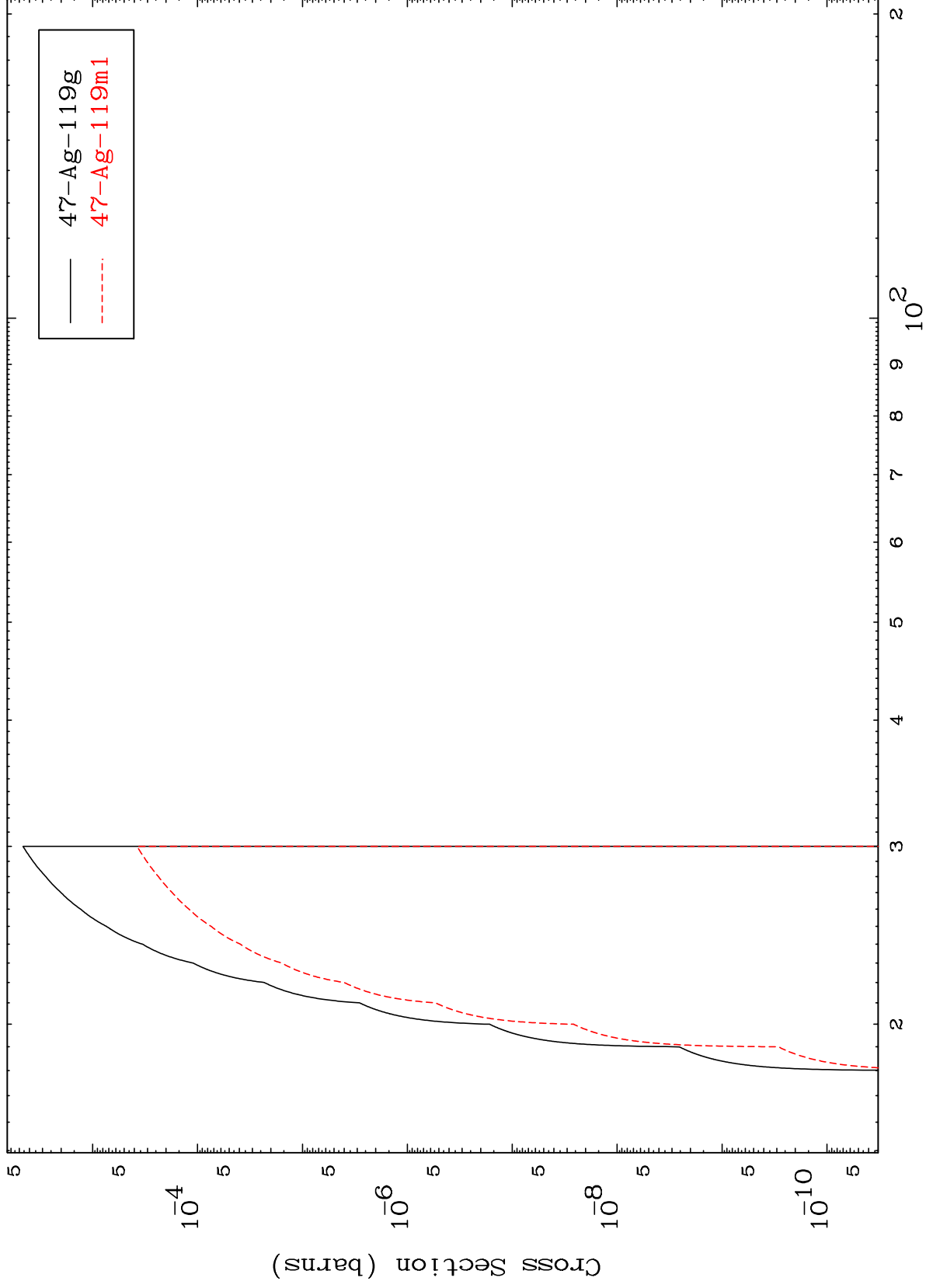
Incident Energy (MeV)

48-Cd-121

Radionuclide Production Cross Section



Radionuclide Production Cross Section

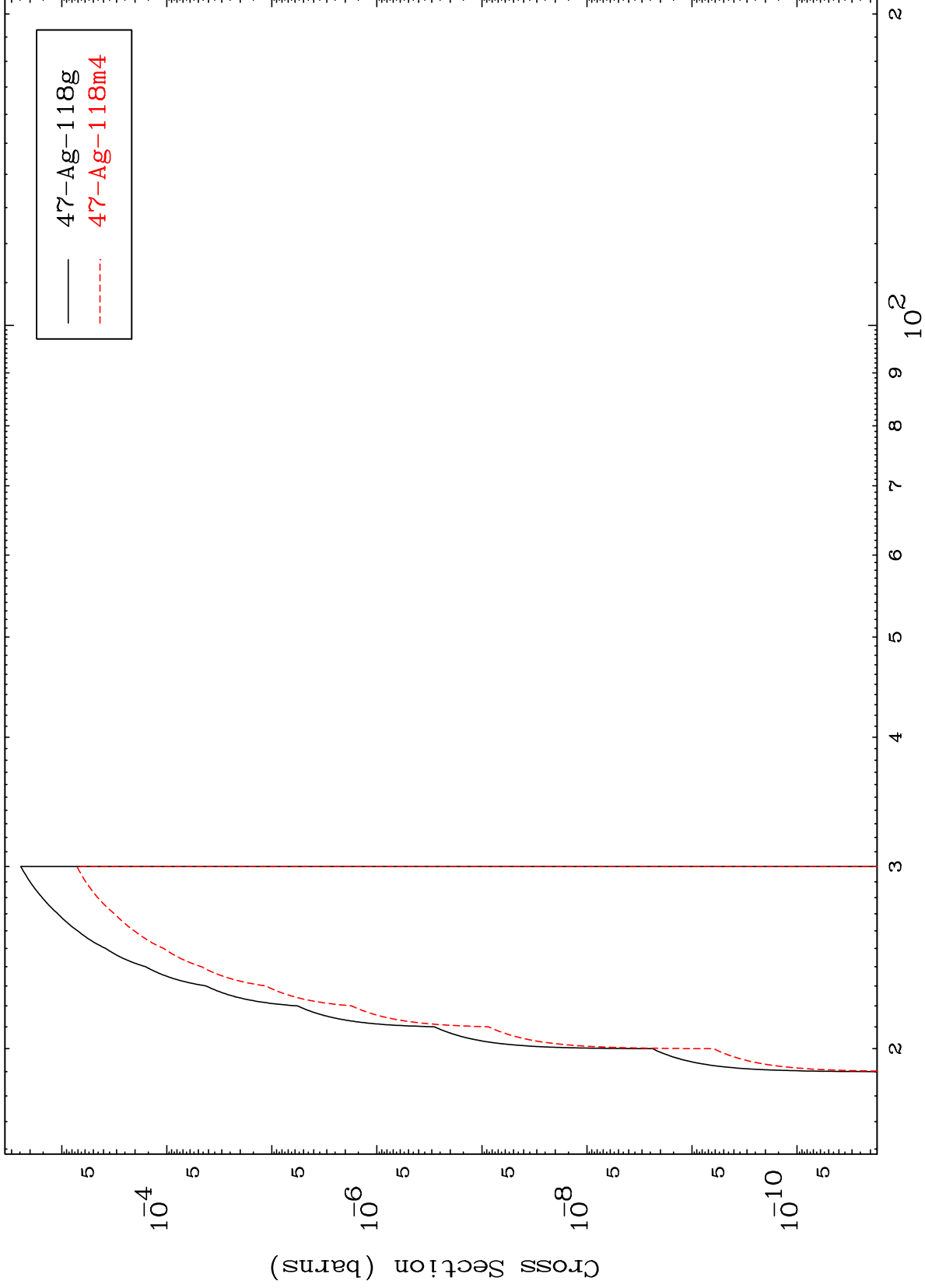


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(n,n') t

48-Cd-121

Radionuclide Production Cross Section



25

Incident Energy (MeV)

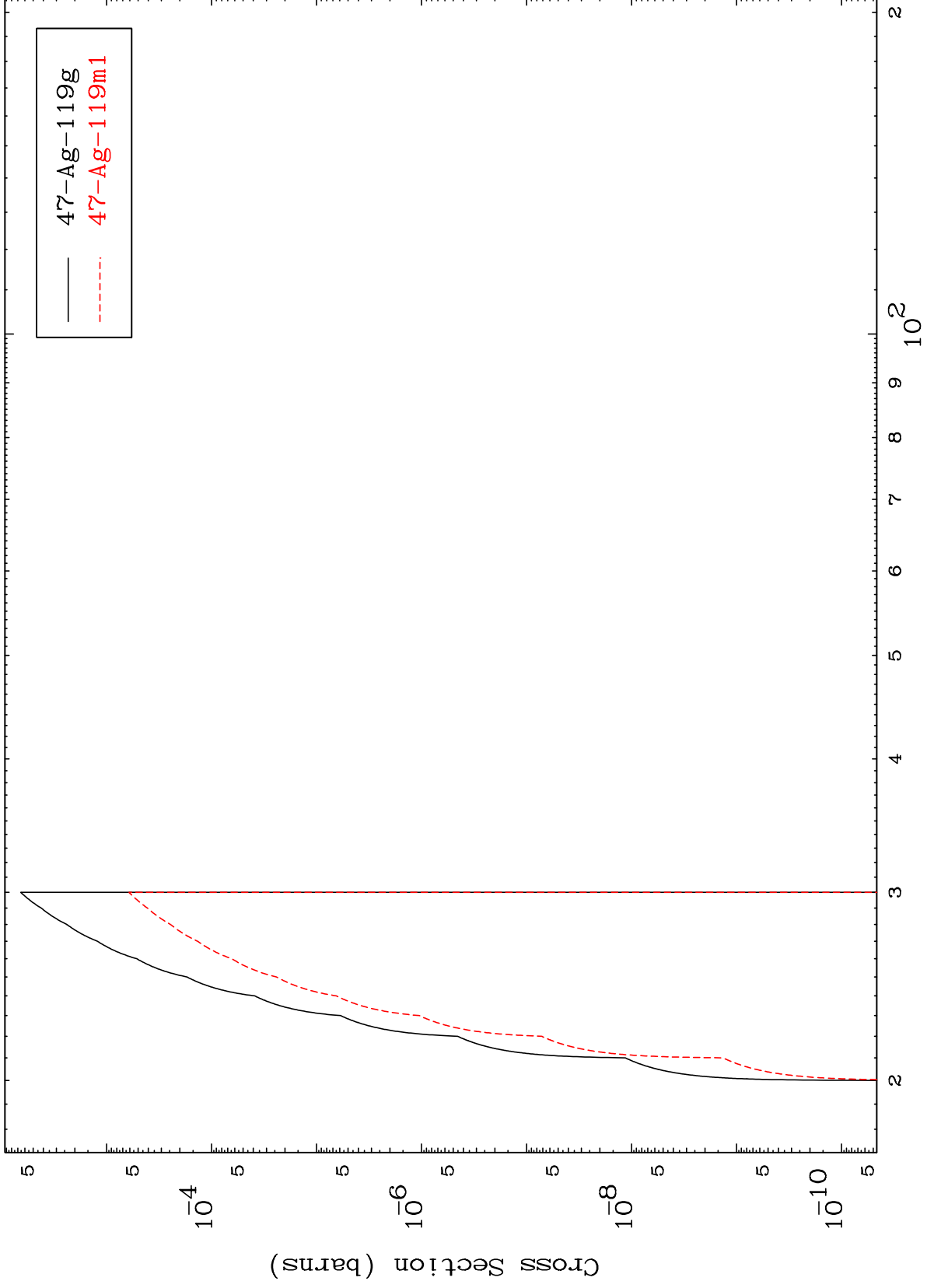
48-Cd-121

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(n,2n) p

48-Cd-121

Radionuclide Production Cross Section



26

Incident Energy (MeV)

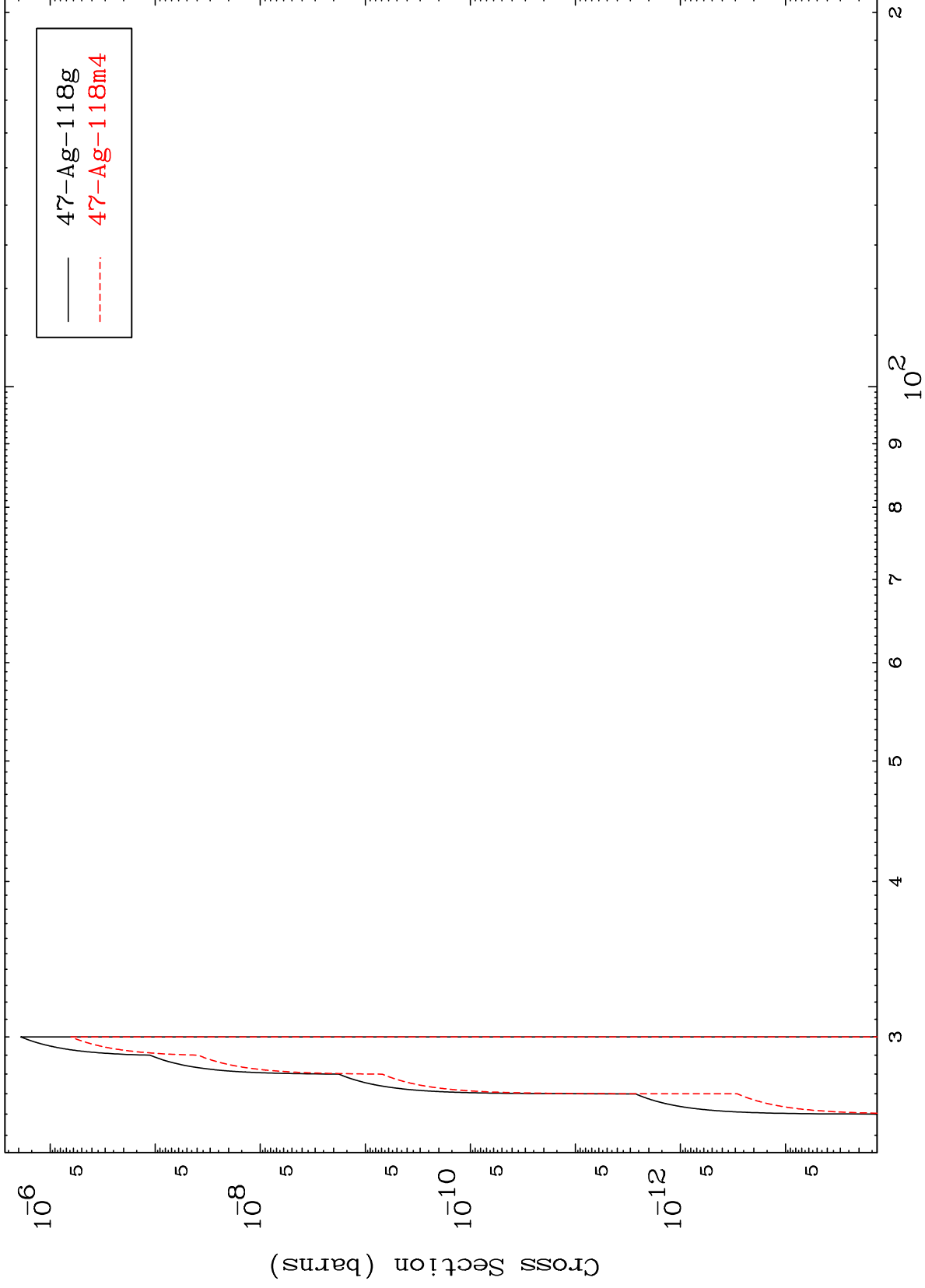
48-Cd-121

MAT 4871

(n,3n) p

48-Cd-121

Radionuclide Production Cross Section



27

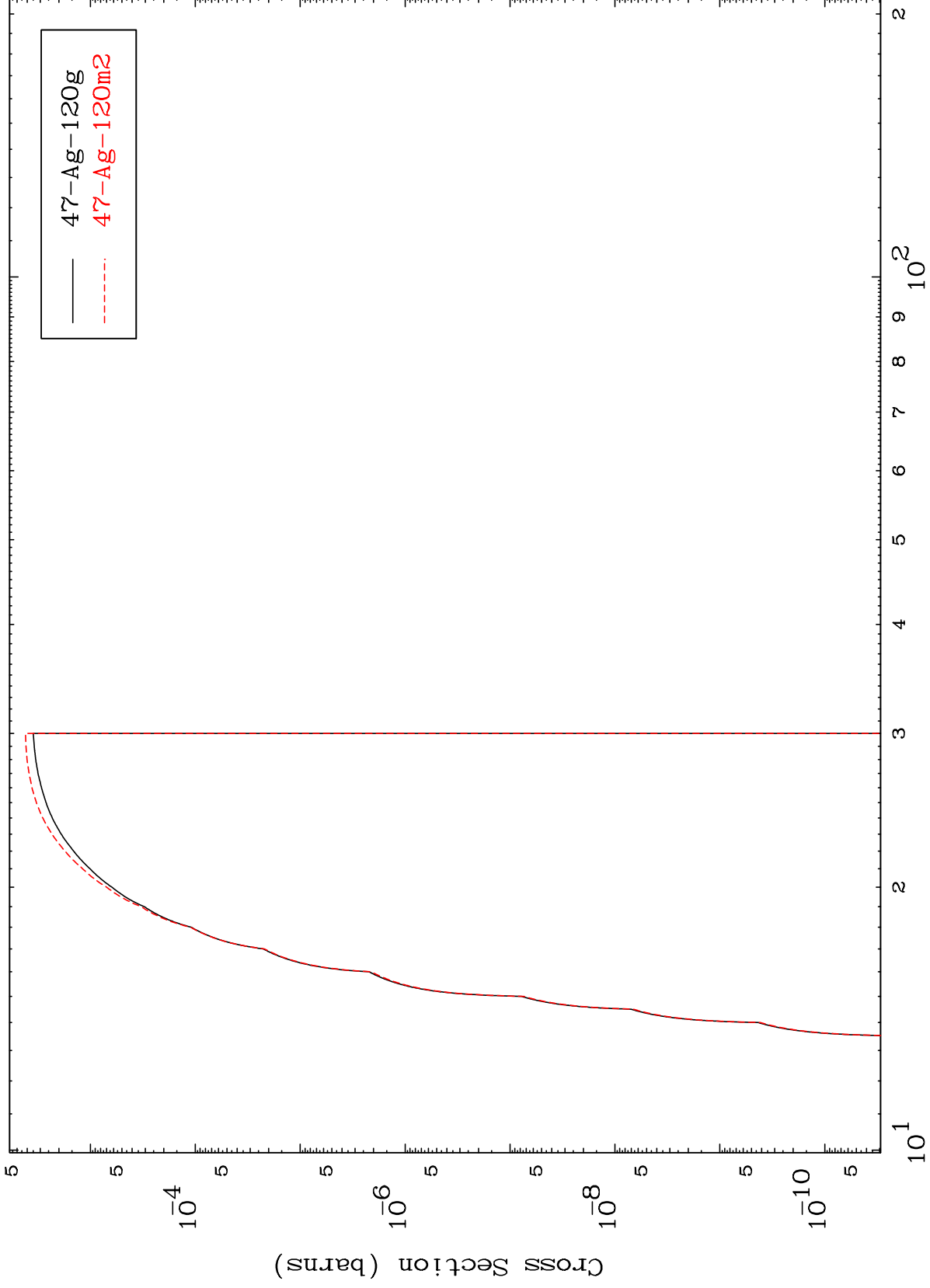
Incident Energy (MeV)

48-Cd-121

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48-Cd-121

(n,d)
Radionuclide Production Cross Section



28

Incident Energy (MeV)

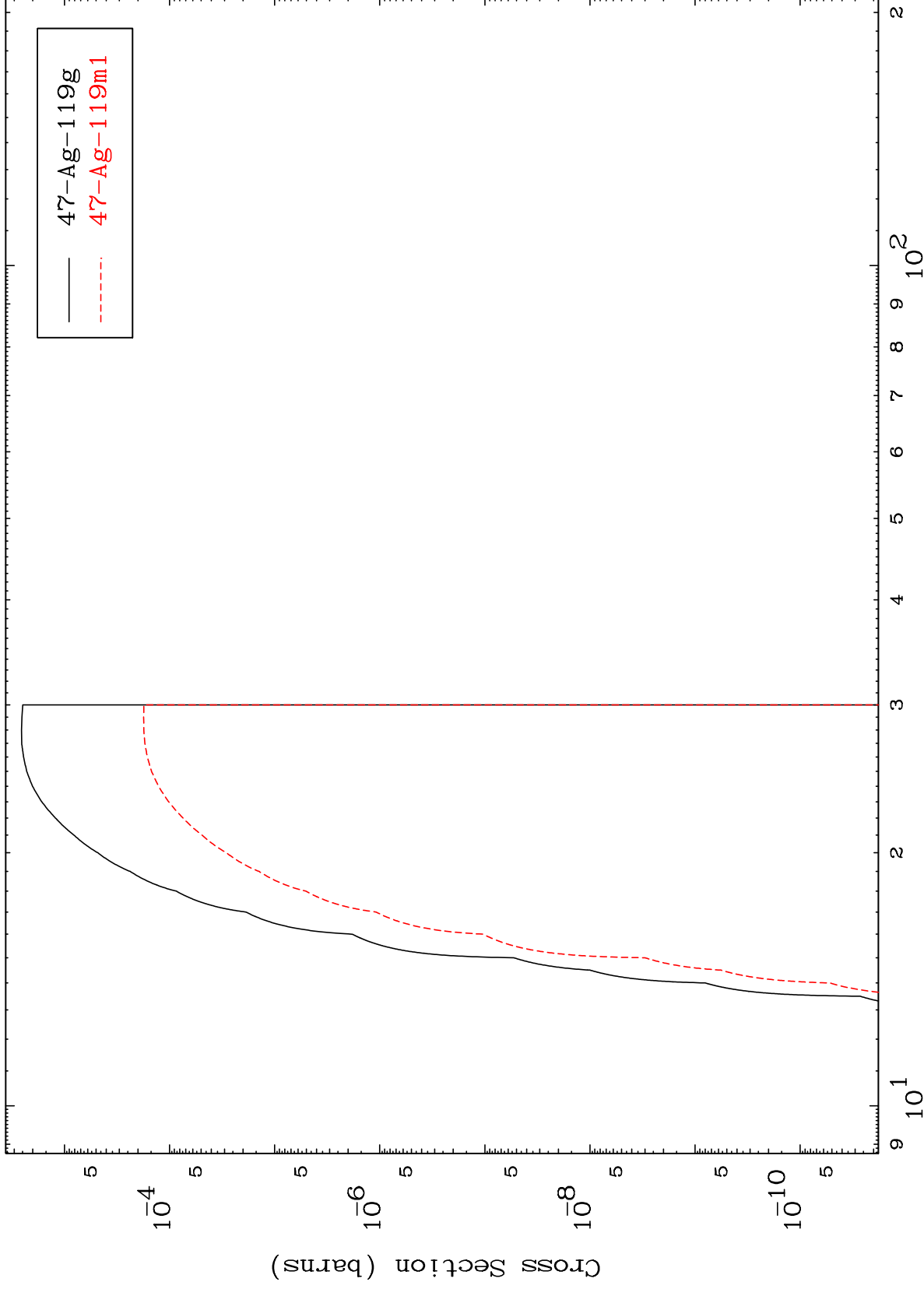
48-Cd-121

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(n, t)

48-Cd-121

Radionuclide Production Cross Section



29

Incident Energy (MeV)

48-Cd-121