

Program EVALPLOT
(Version 2015-2)

by

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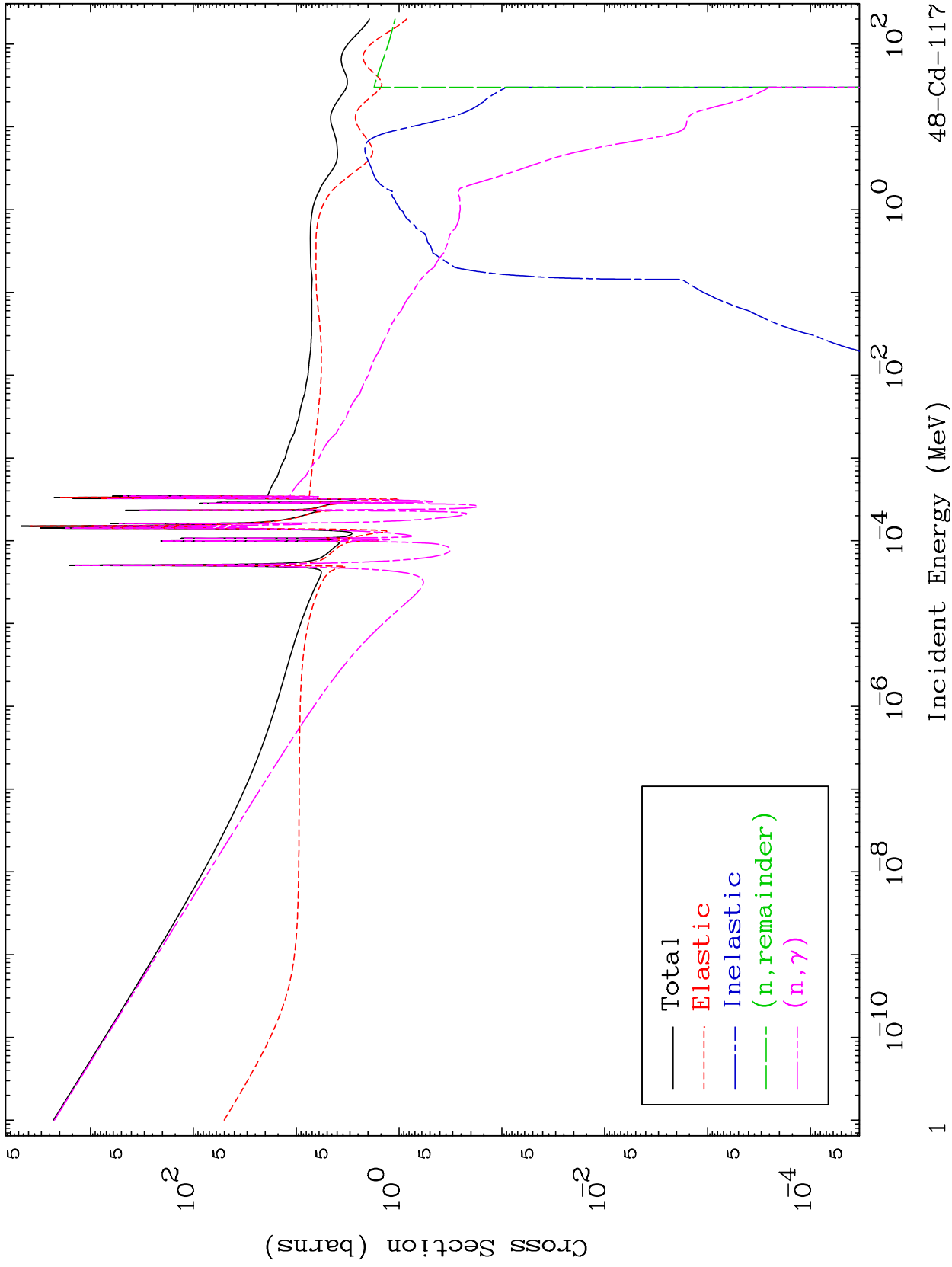
Press Mouse Button to Start

MAT 4859

Major

293 Kelvin Cross Sections

48-Cd-117



1

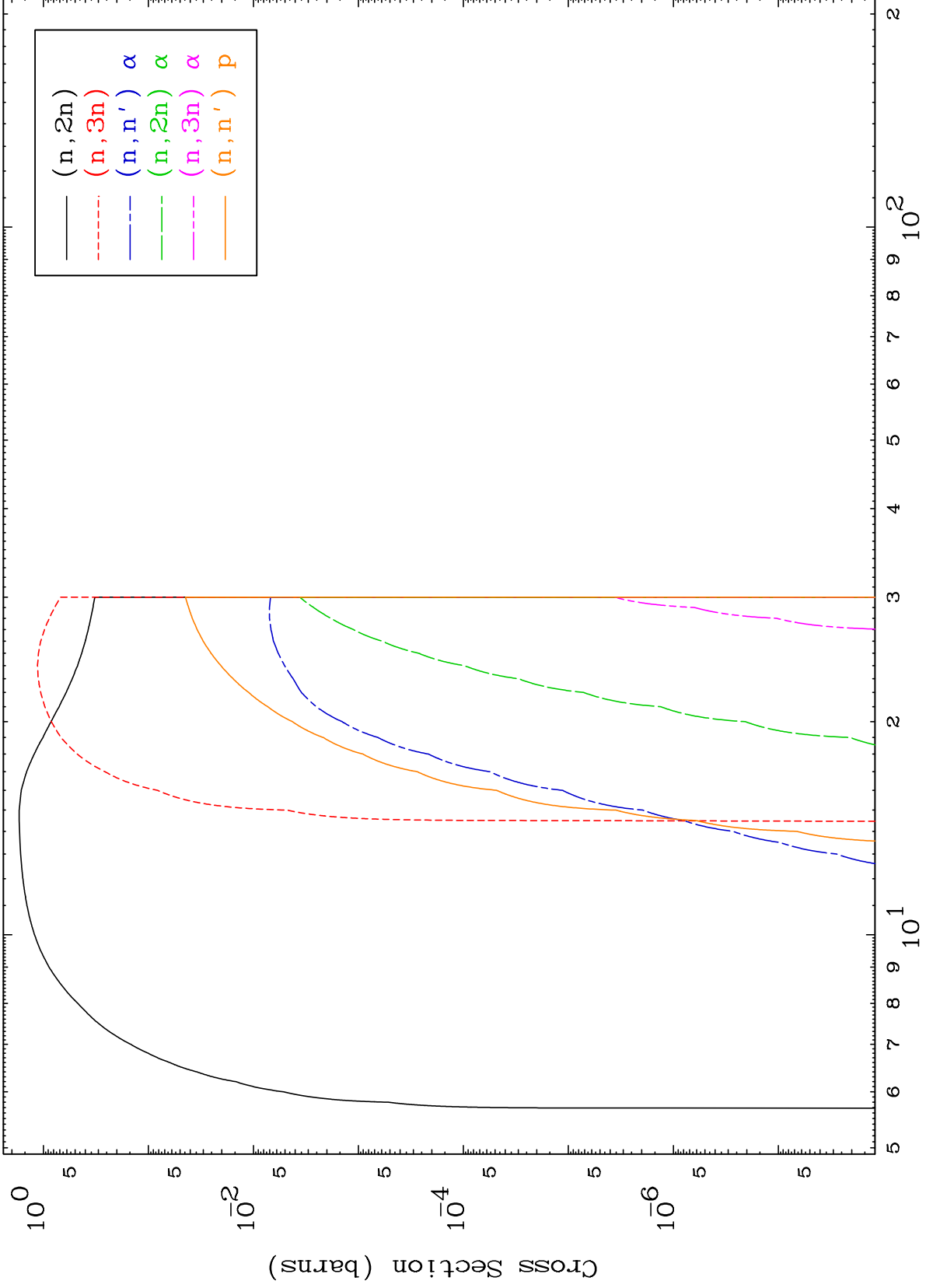
Incident Energy (MeV)

48-Cd-117

MAT 4859

Neutron Production
293 Kelvin Cross Sections

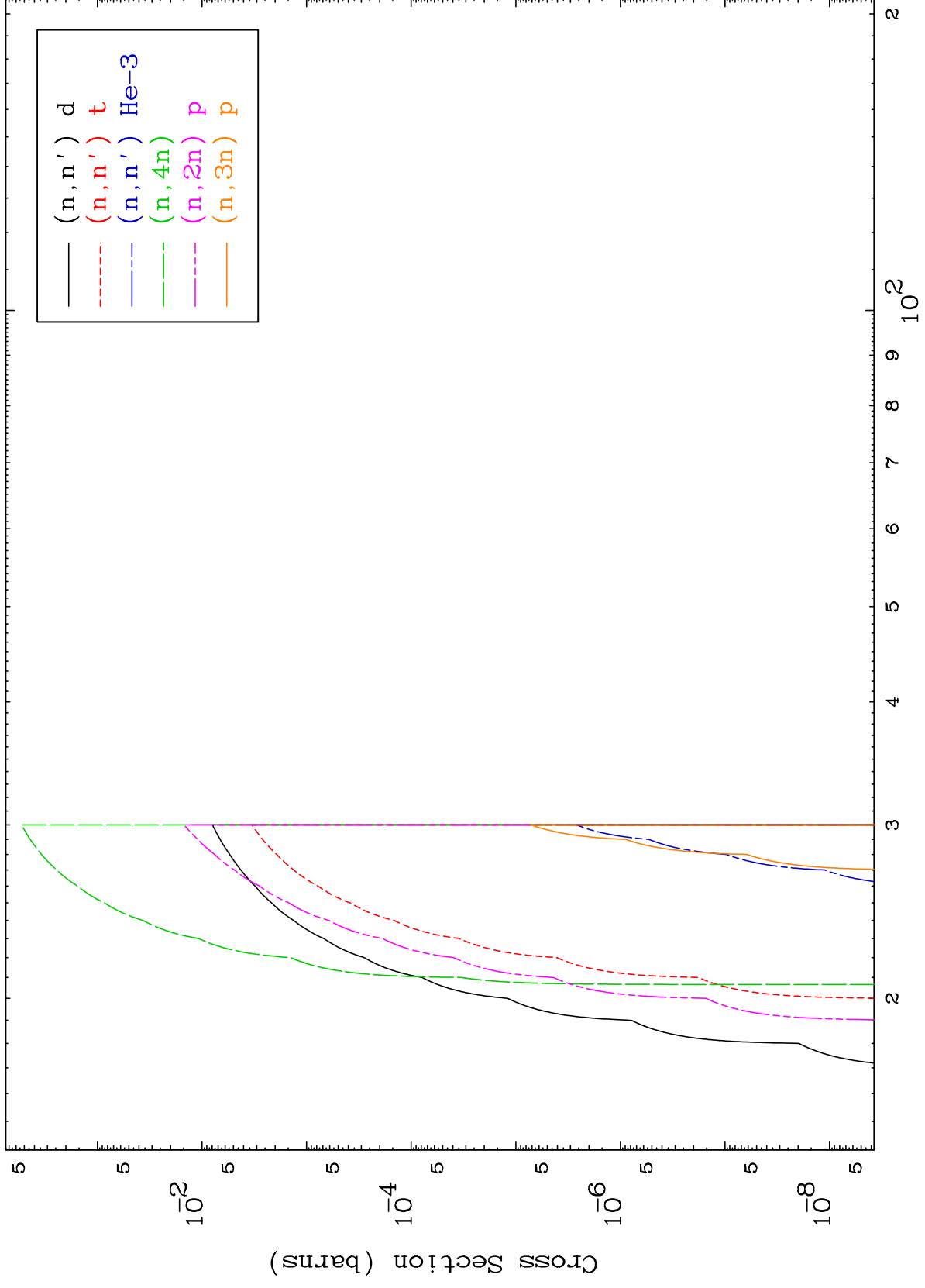
48-Cd-117

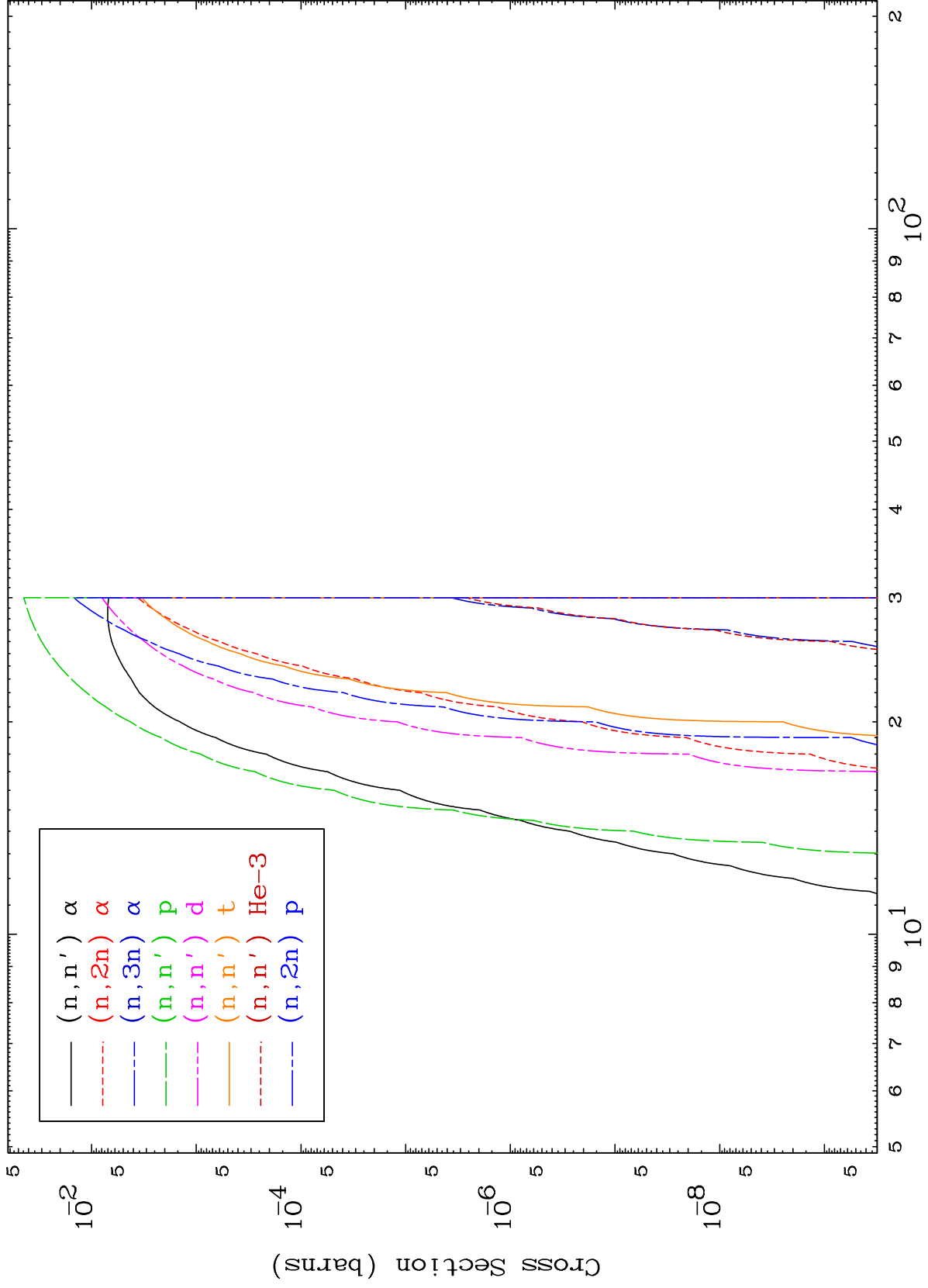


2

Incident Energy (MeV)

48-Cd-117

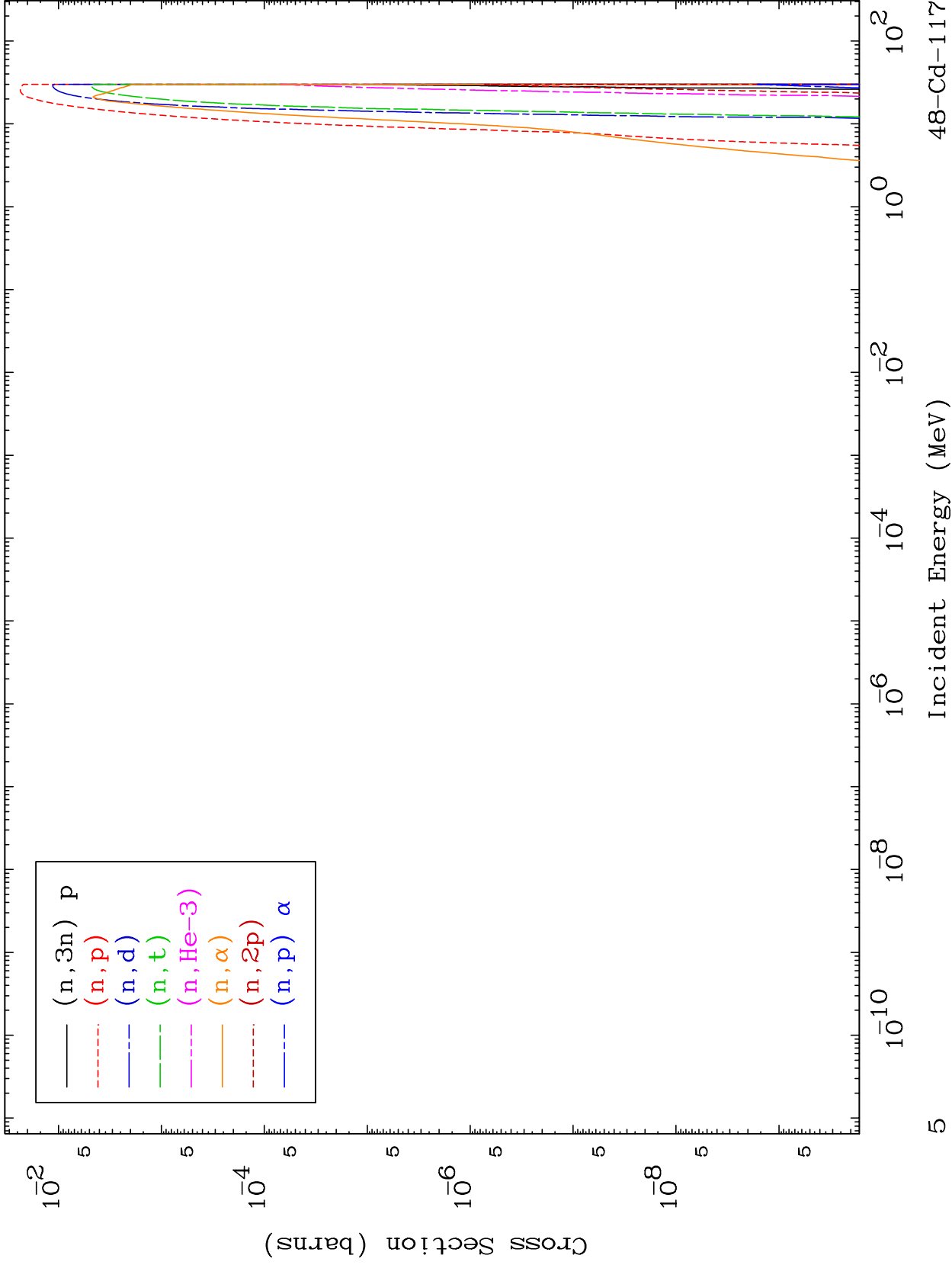




MAT 4859

Charged Particle
293 Kelvin Cross Sections

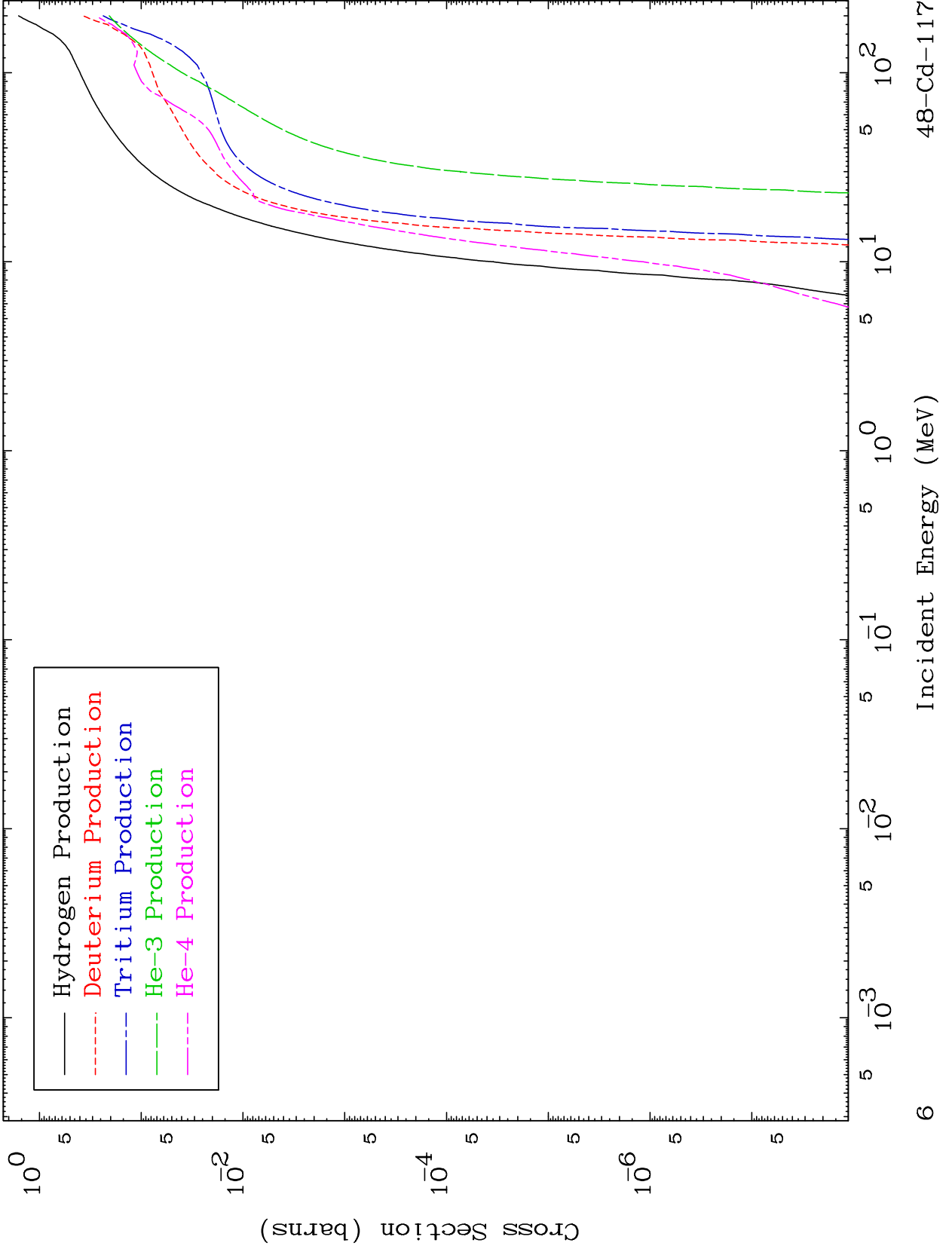
48-Cd-117



MAT 4859

Particle Production
293 Kelvin Cross Sections

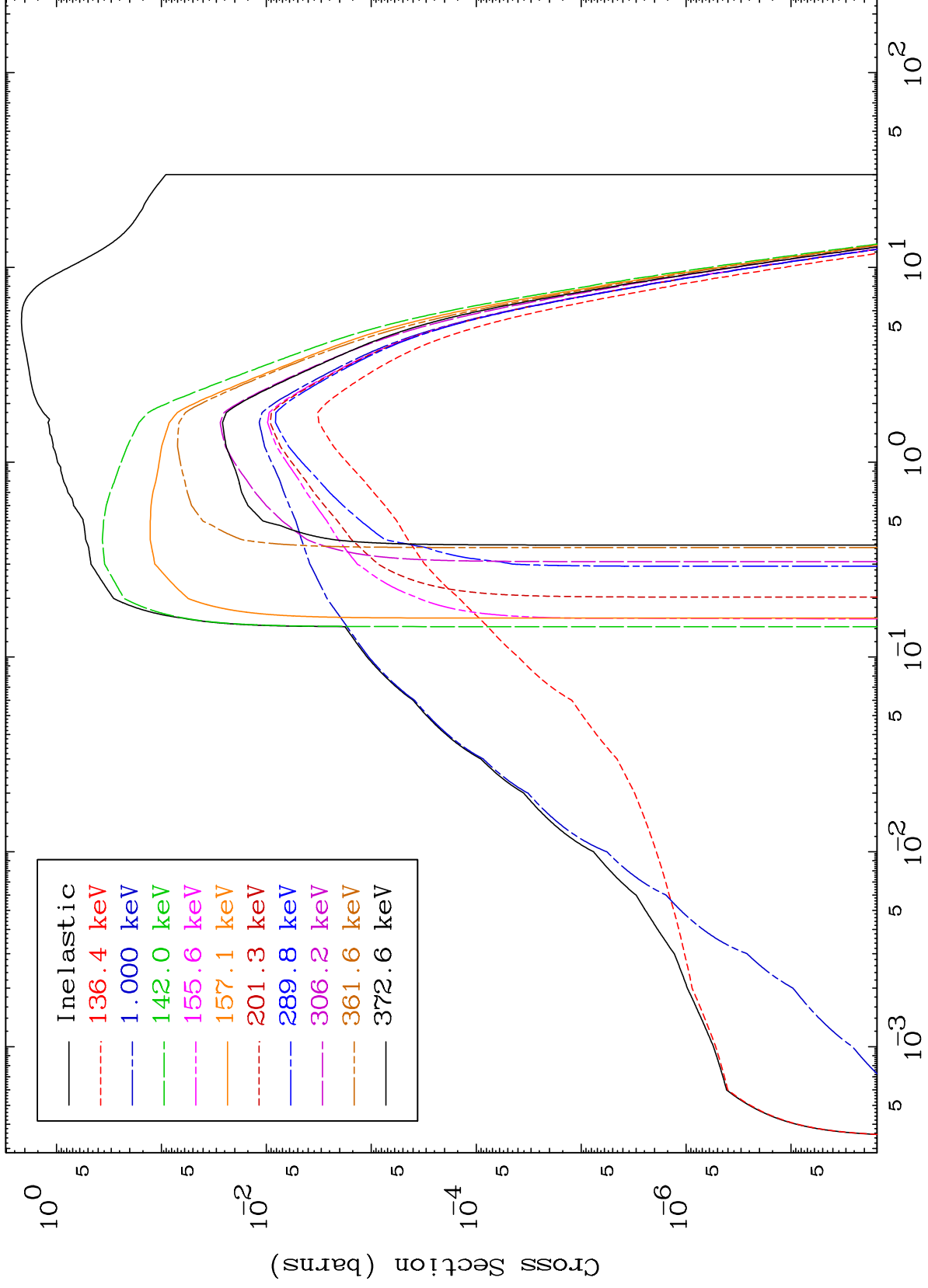
48-Cd-117



MAT 4859

(n,n') Level
293 Kelvin Cross Sections

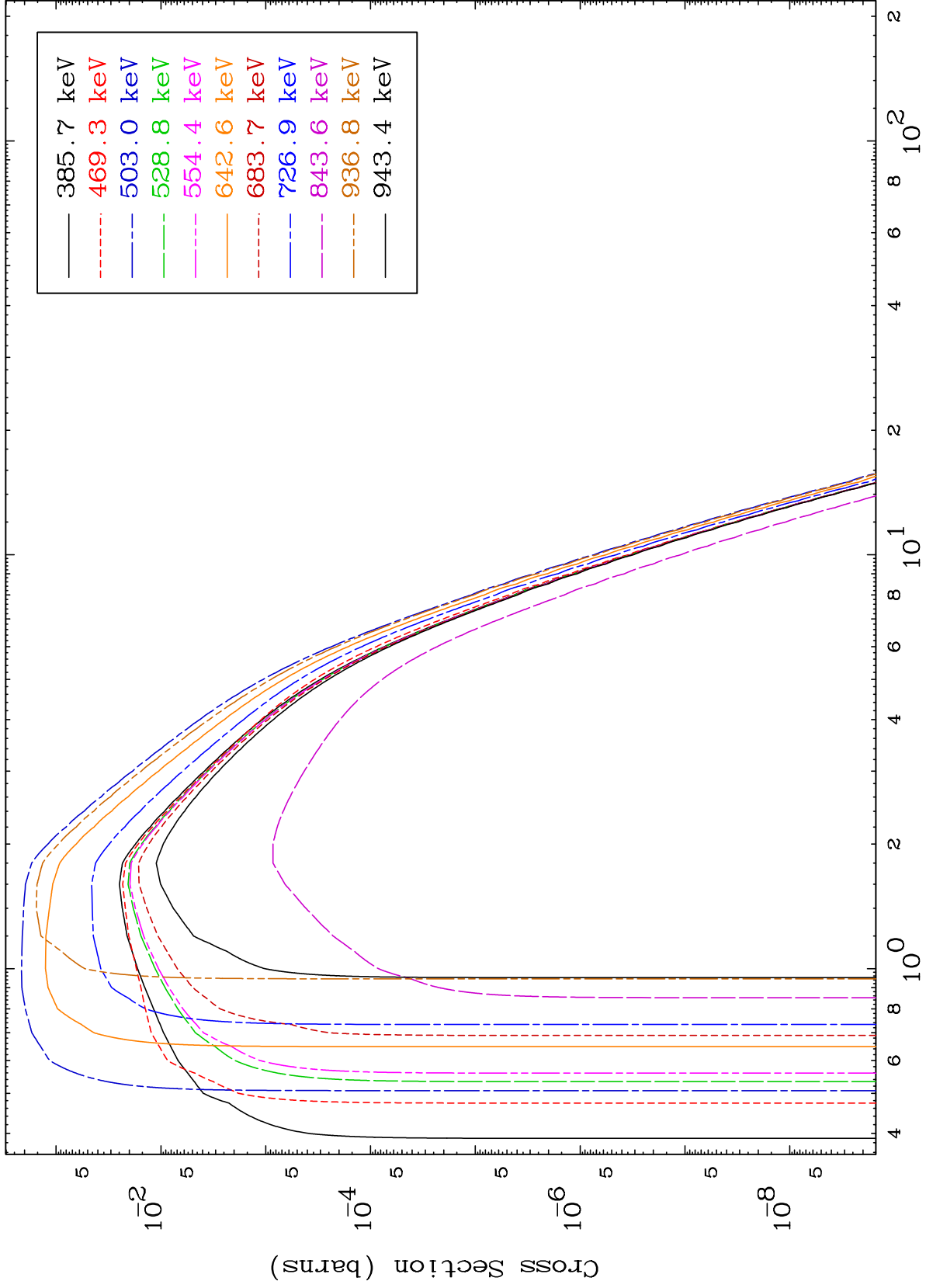
48-Cd-117



MAT 4859

(n,n') Level
293 Kelvin Cross Sections

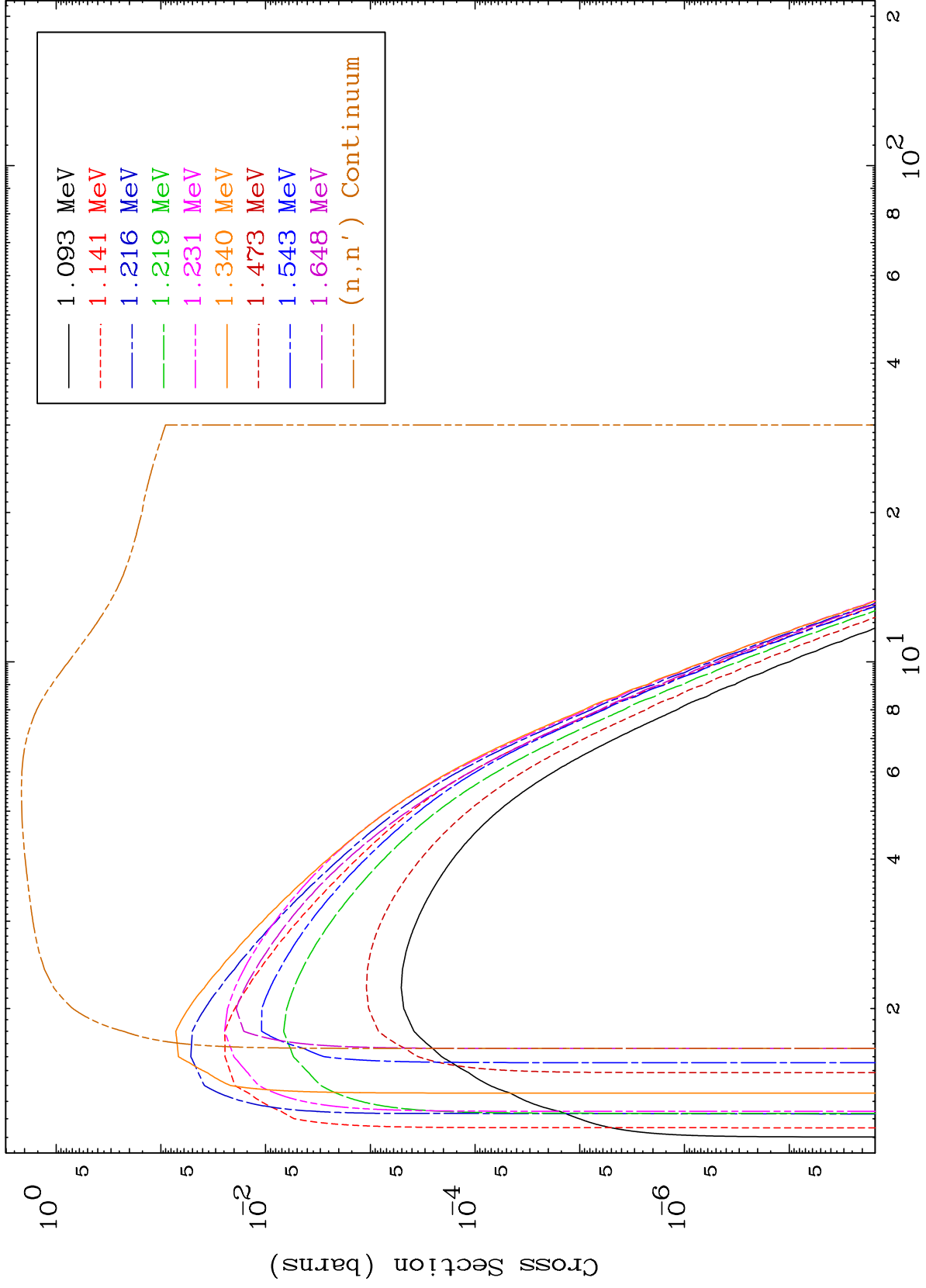
48-Cd-117



8

Incident Energy (MeV)

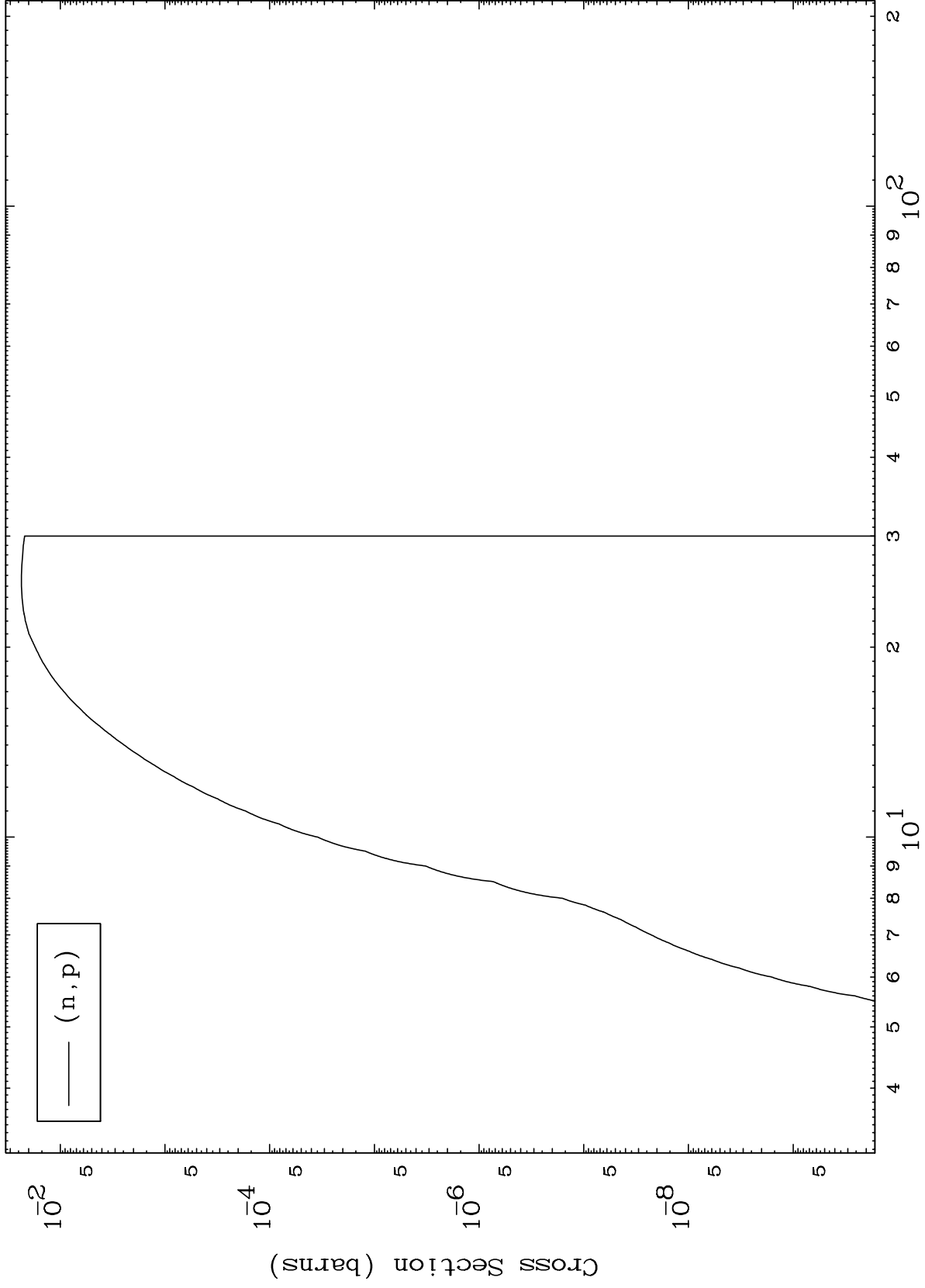
48-Cd-117



MAT 4859

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-117



10

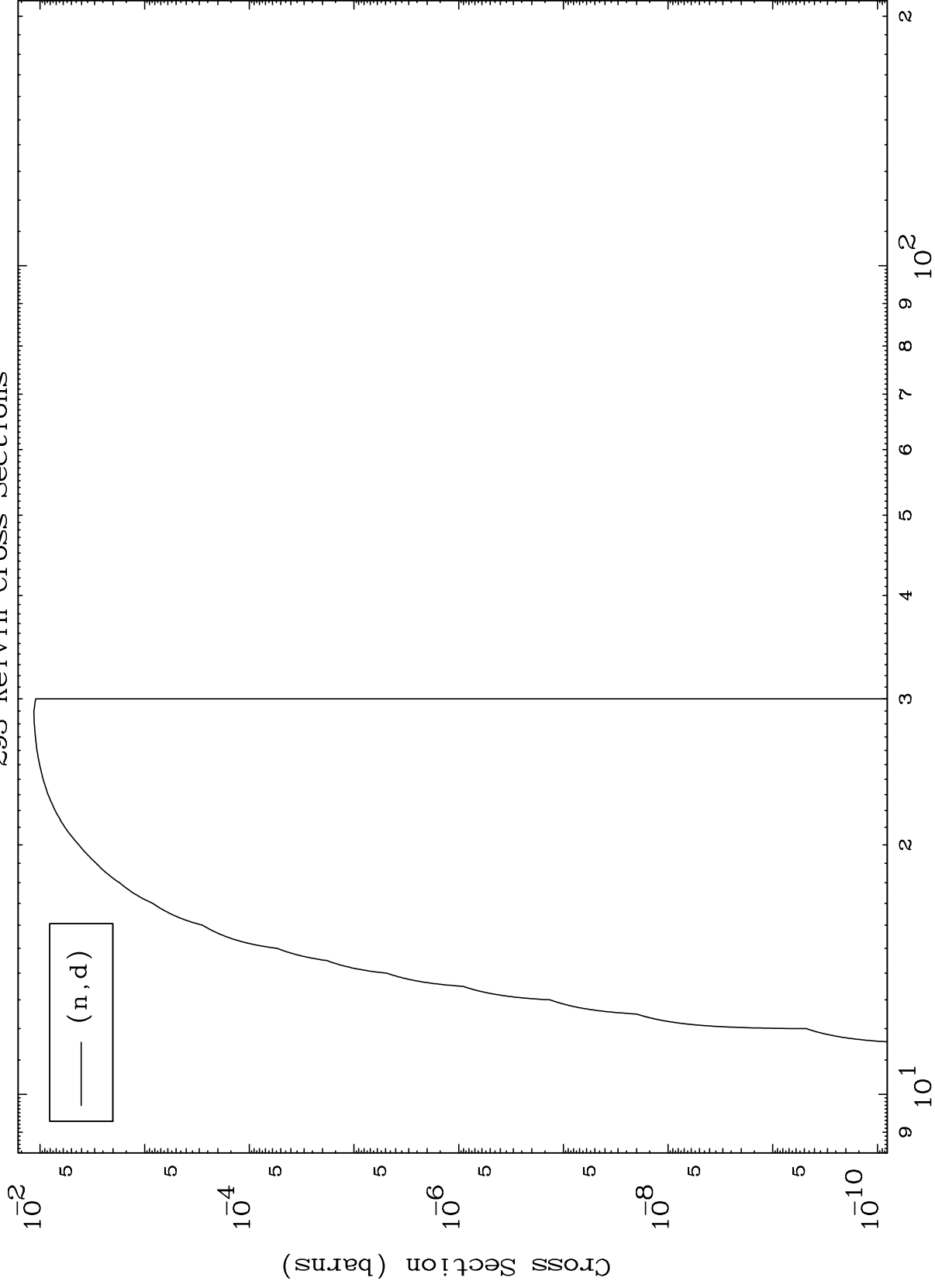
Incident Energy (MeV)

48-Cd-117

MAT 4859

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-117



11

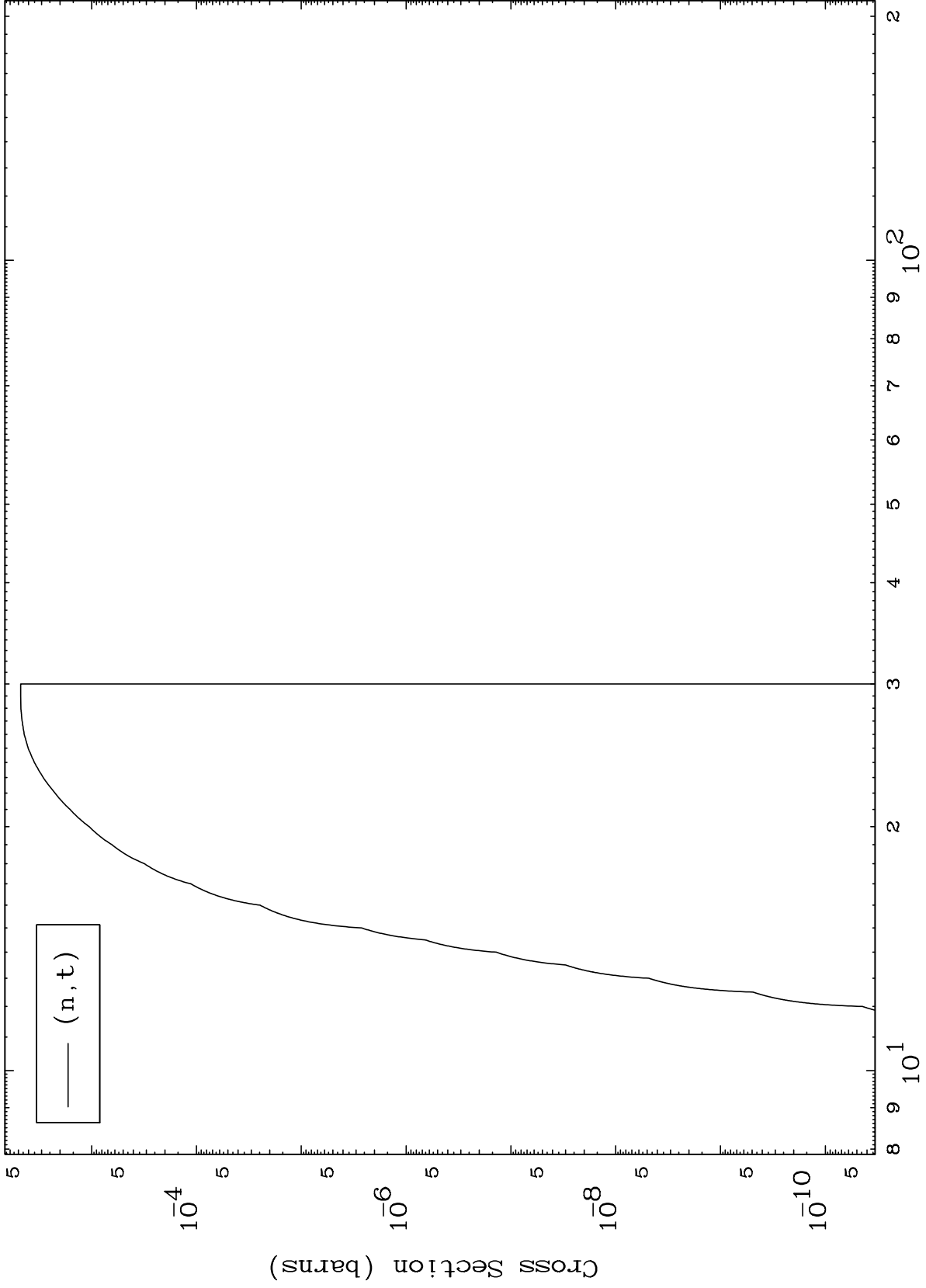
Incident Energy (MeV)

48-Cd-117

MAT 4859

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-117



12

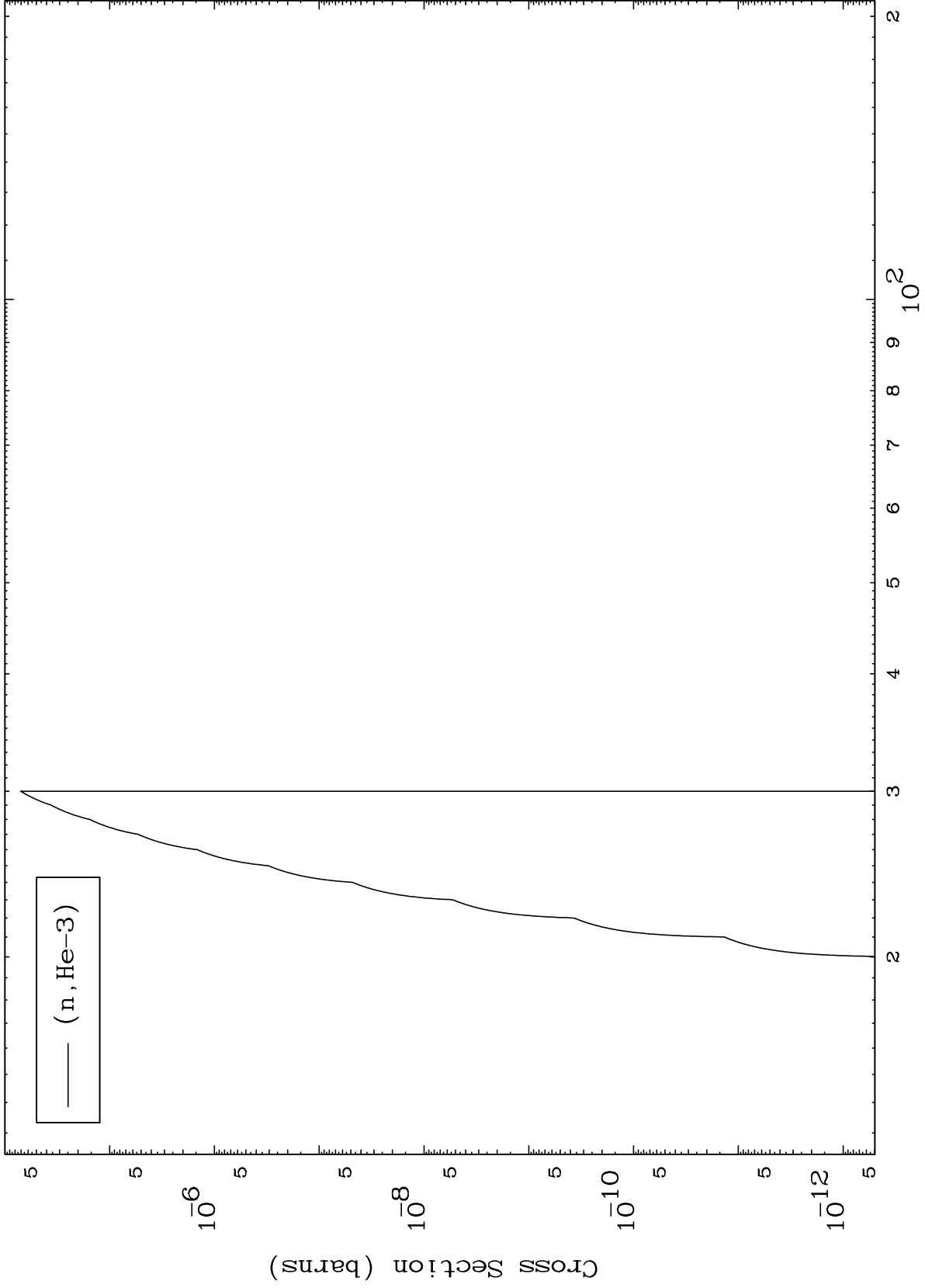
Incident Energy (MeV)

48-Cd-117

MAT 4859

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-117



13

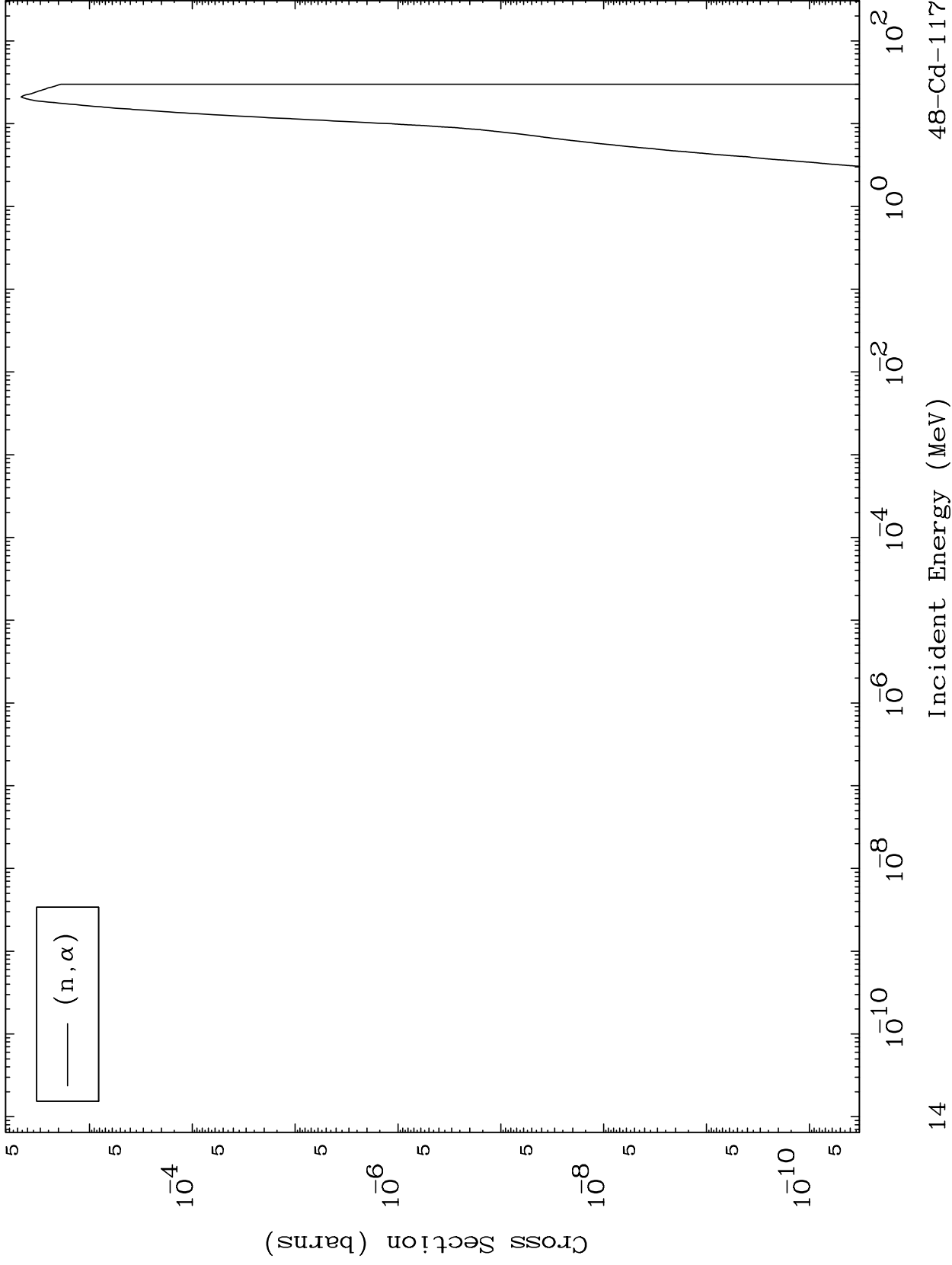
Incident Energy (MeV)

48-Cd-117

MAT 4859

(n, α) Levels
293 Kelvin Cross Sections

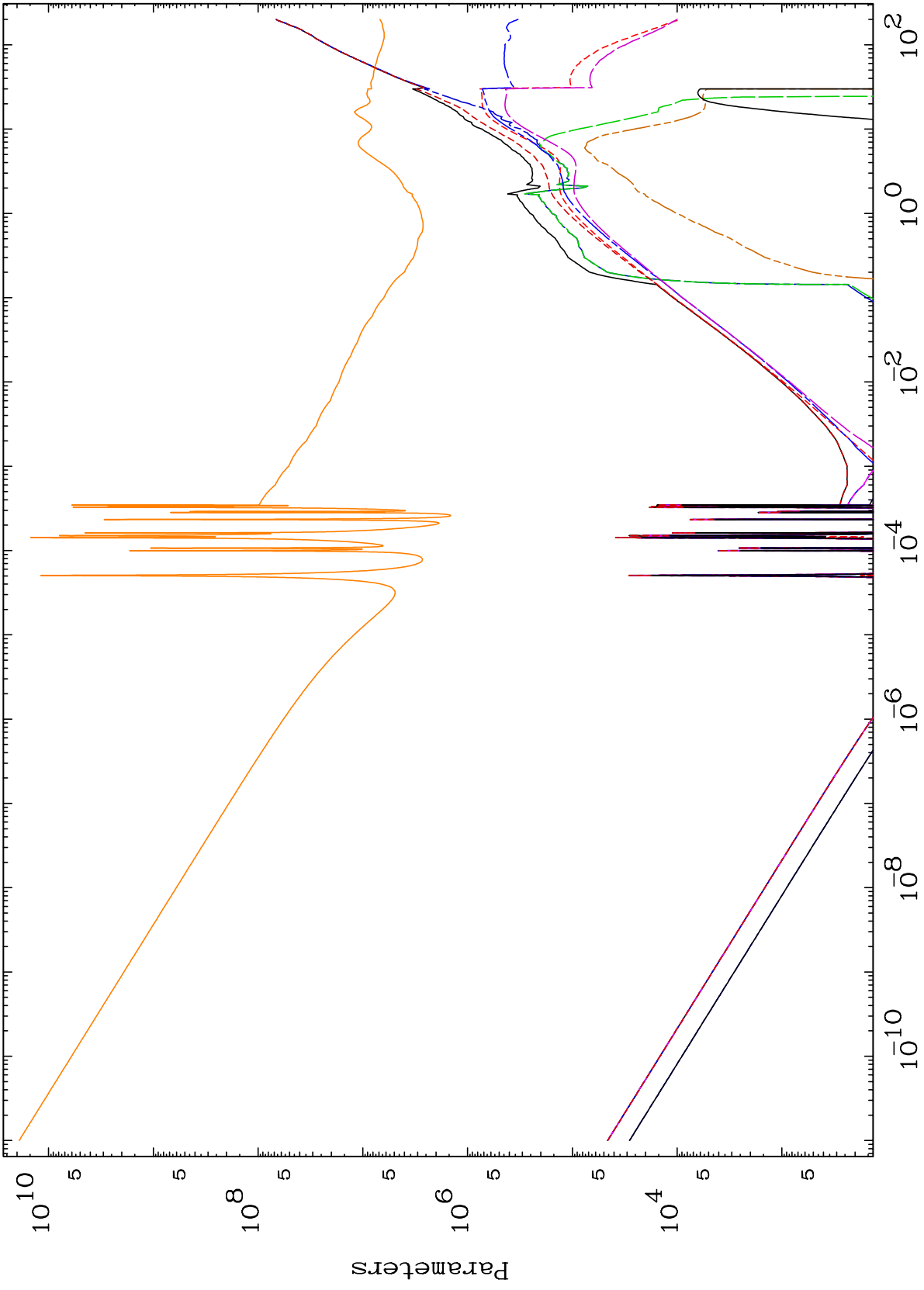
48-Cd-117



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Energy Release
Parameters

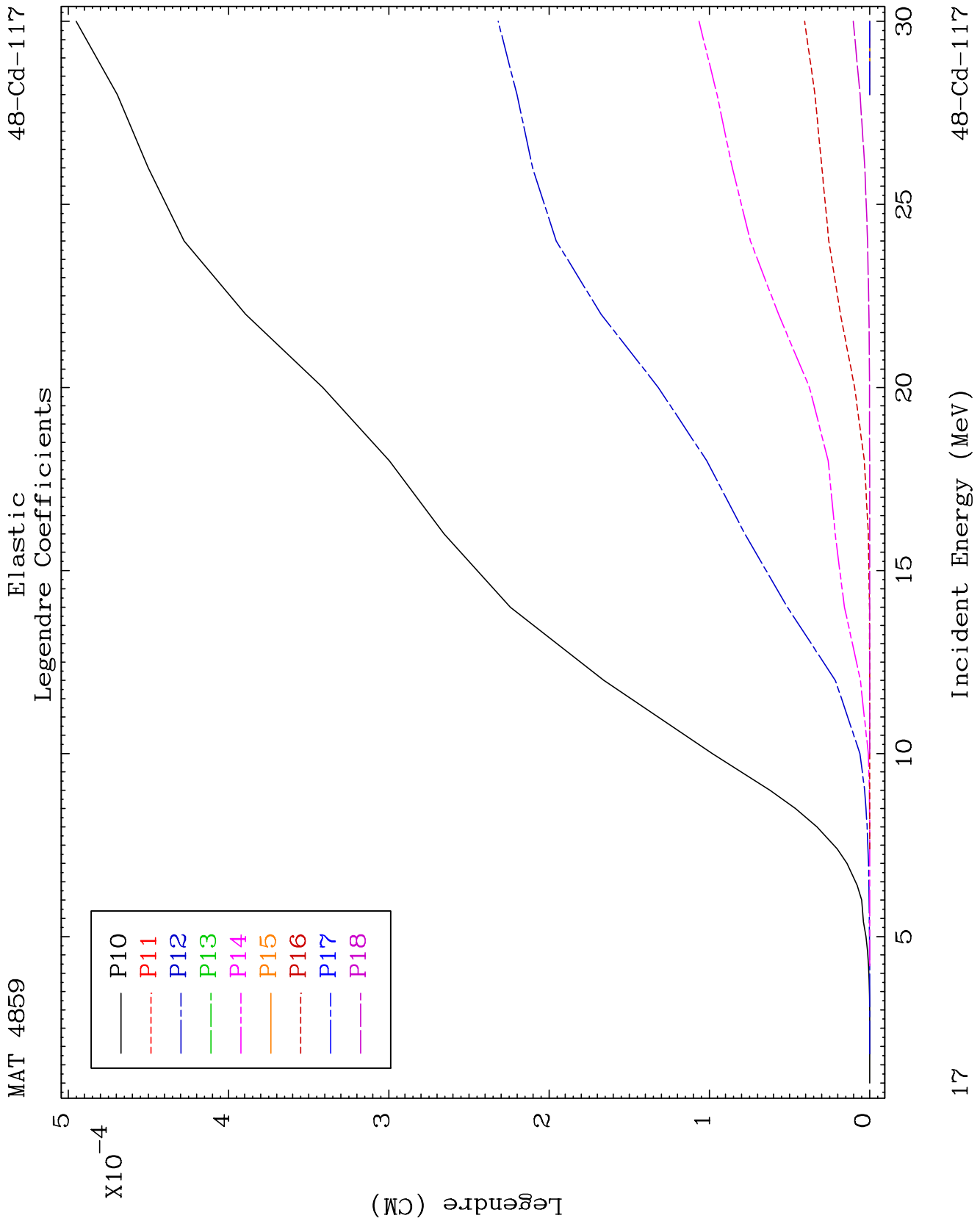
48-Cd-117



15

Incident Energy (MeV)

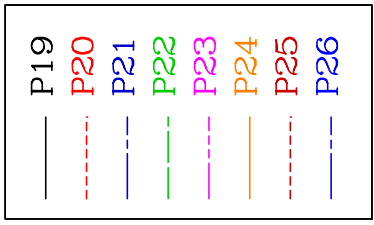
48-Cd-117



MAT 4859

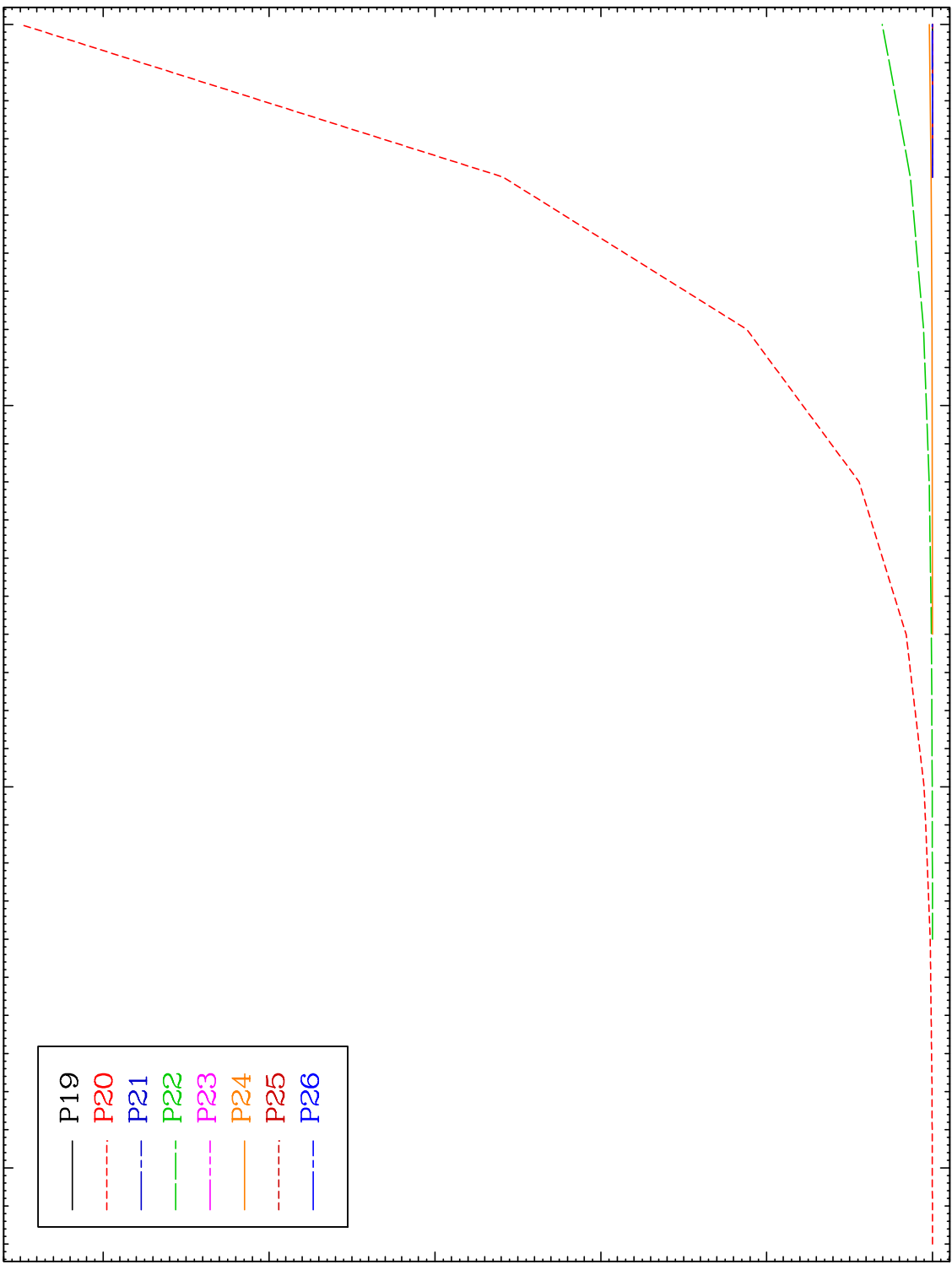
Elastic Legendre Coefficients

48-Cd-117



$\times 10^{-7}$

Legendre (CM)



30

25

20

15

18

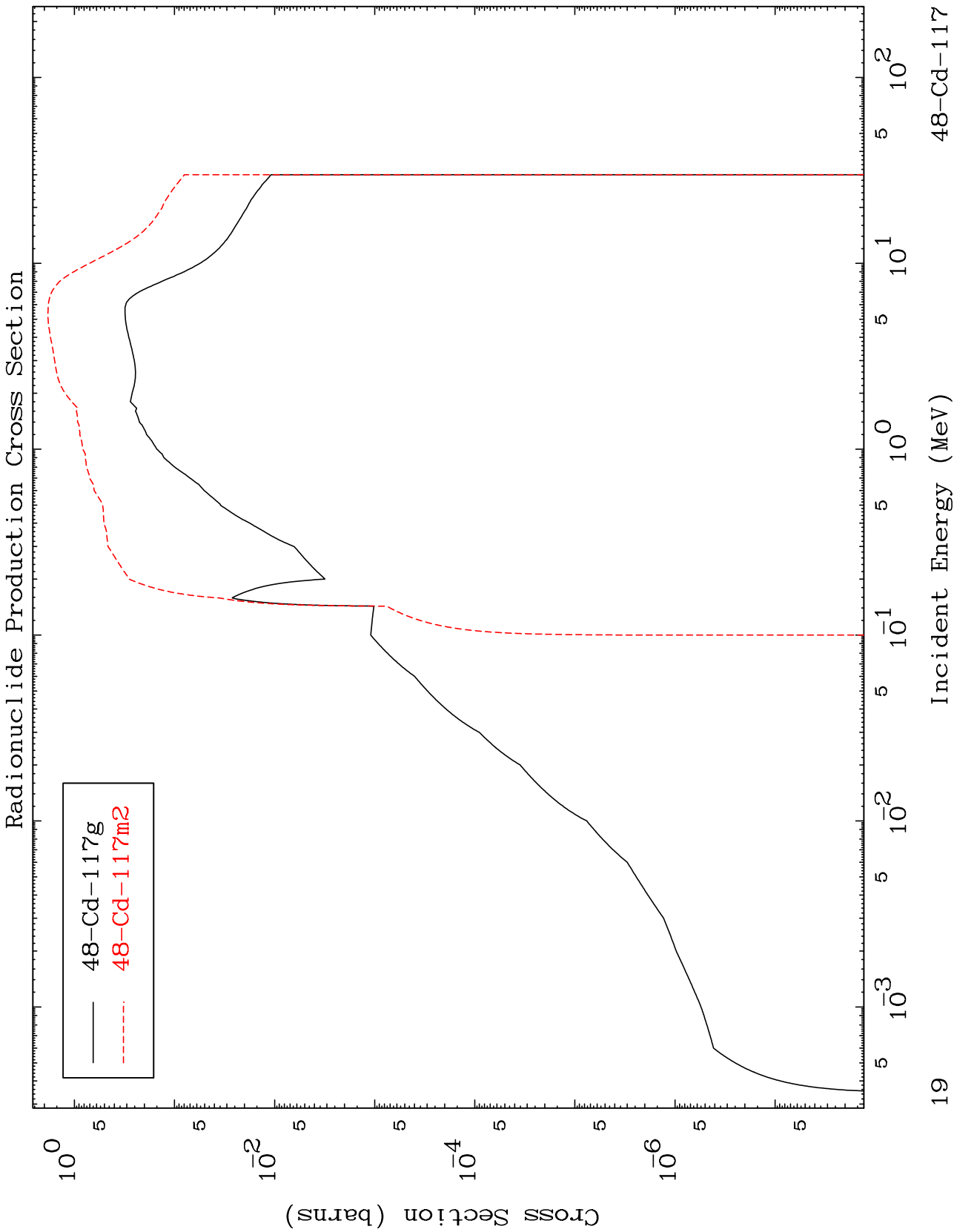
Incident Energy (MeV)

48-Cd-117

MAT 4859

48-Cd-117

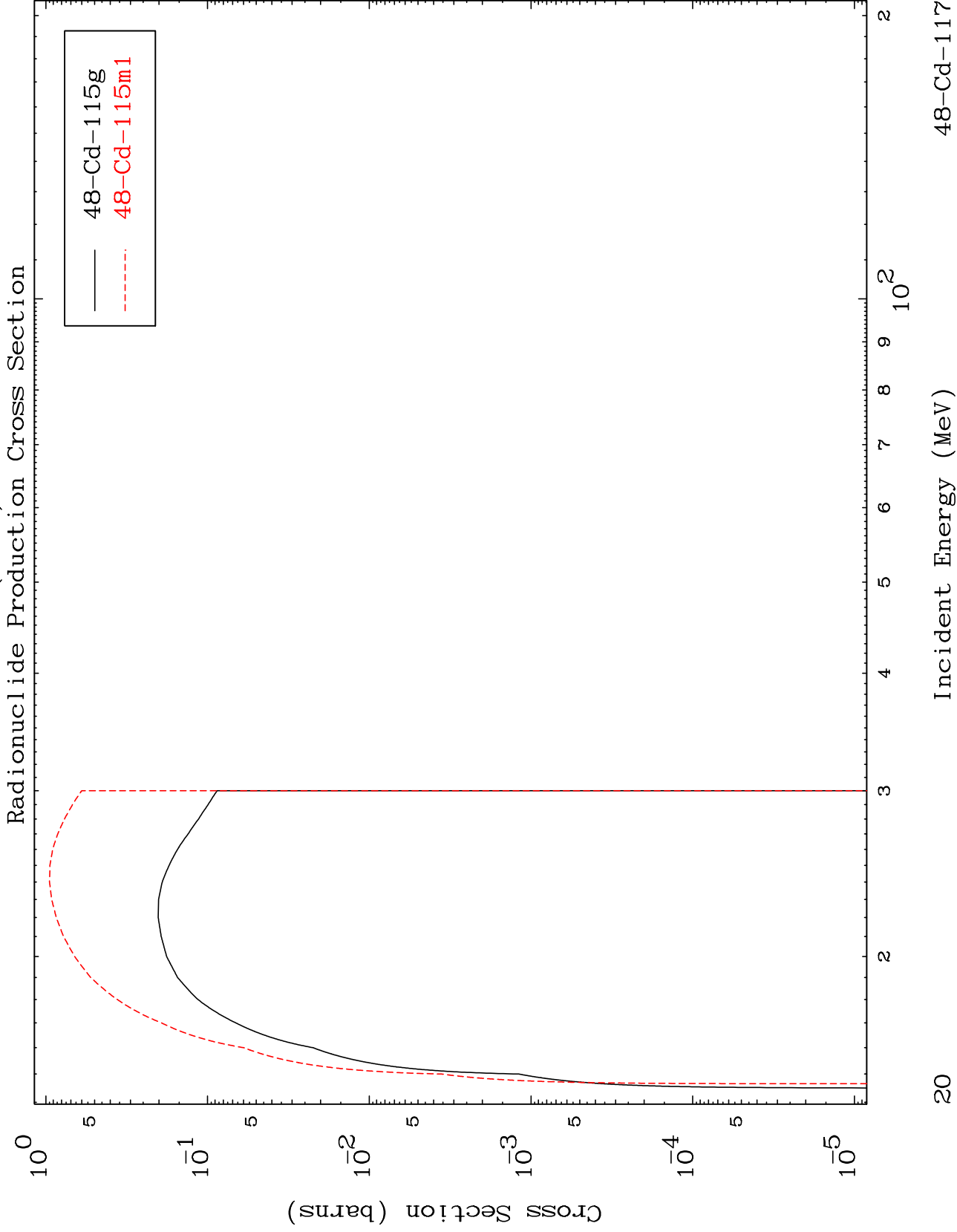
Inelastic
Radionuclide Production Cross Section



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(n,3n)

48-Cd-117



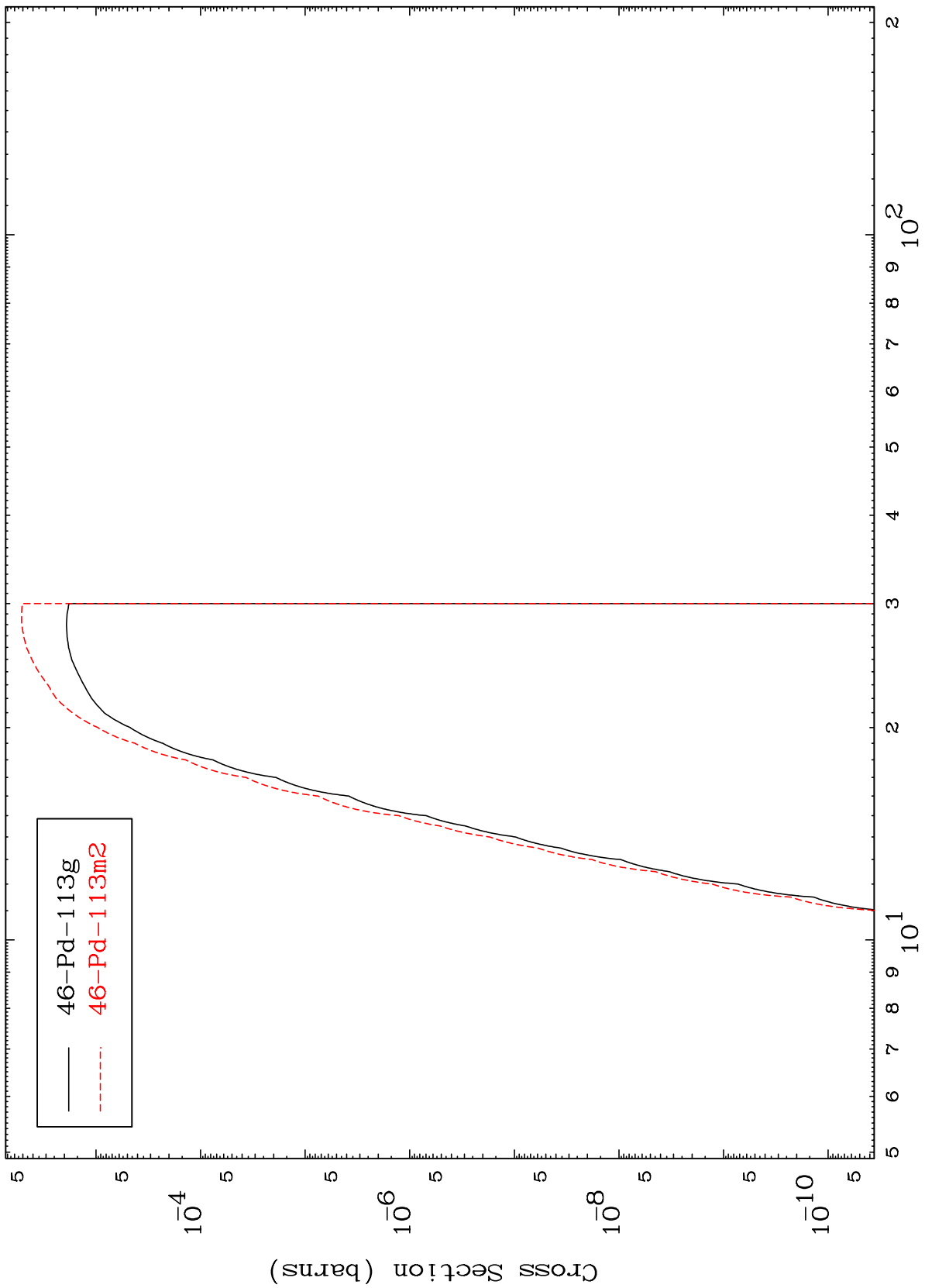
20

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48-Cd-117

(n,n') α

Radionuclide Production Cross Section



21

Incident Energy (MeV)

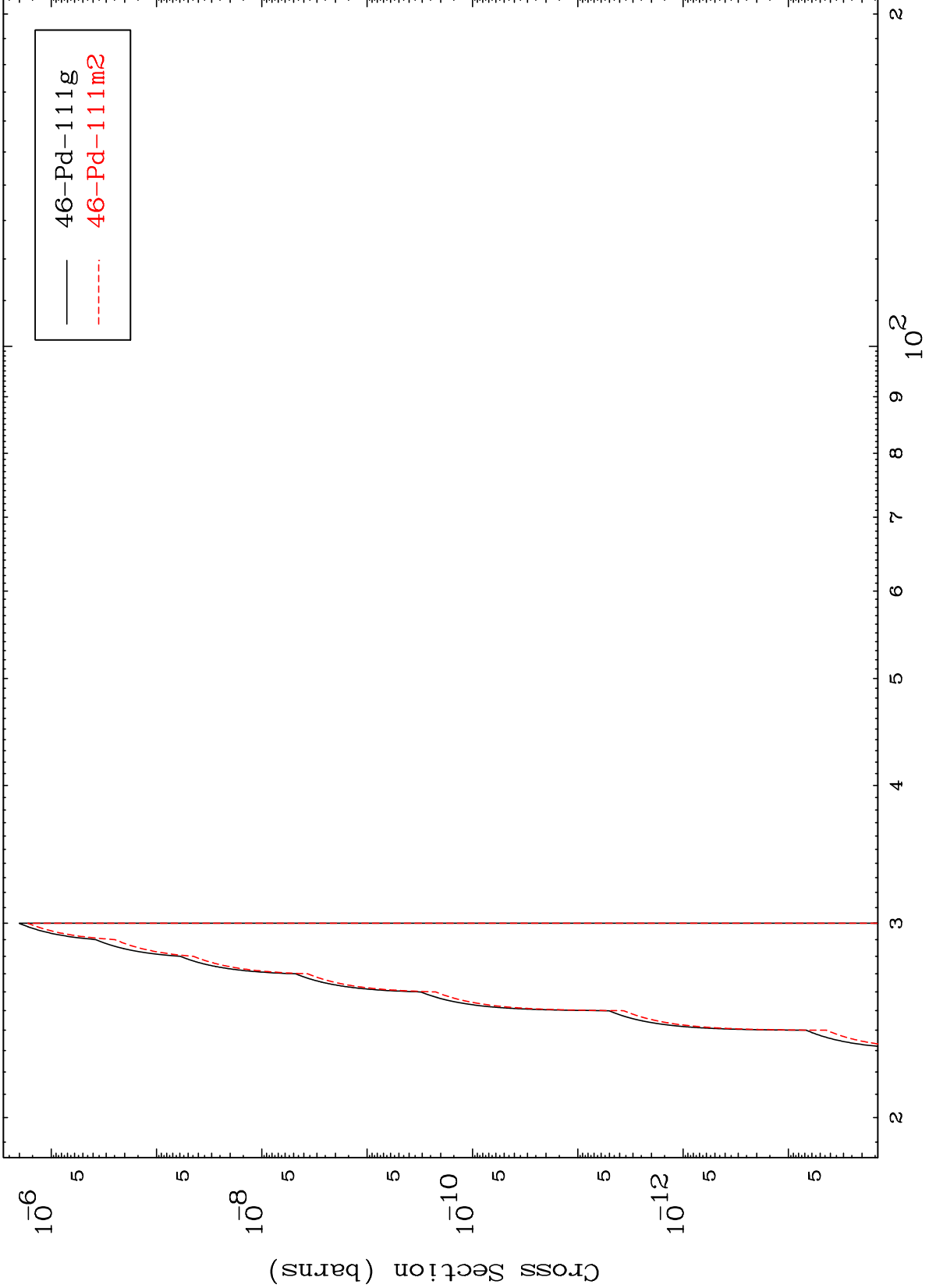
48-Cd-117

MAT 4859

(n,3n) α

48-Cd-117

Radionuclide Production Cross Section



22

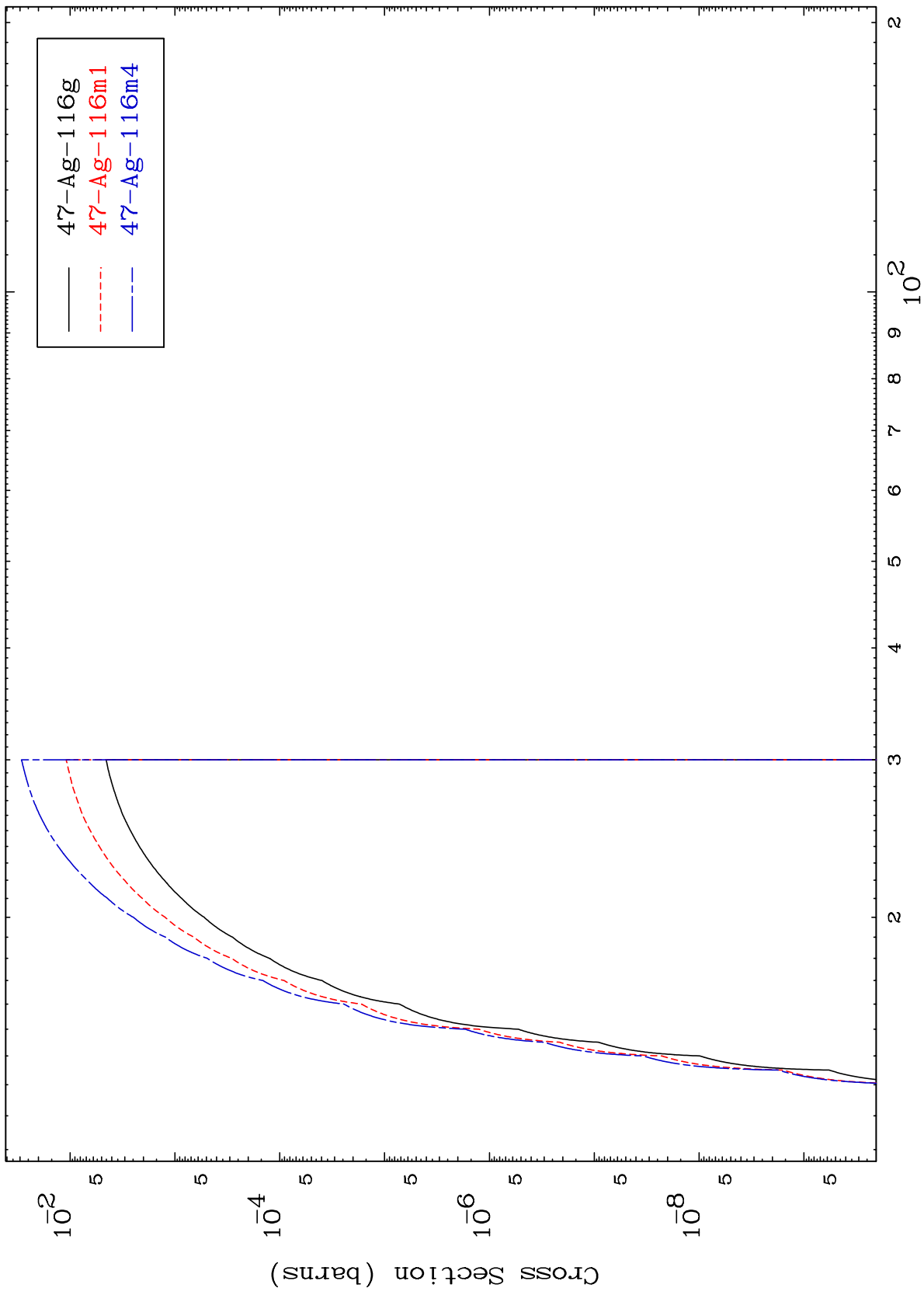
Incident Energy (MeV)

48-Cd-117

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48-Cd-117

(n,n') p
Radionuclide Production Cross Section



23

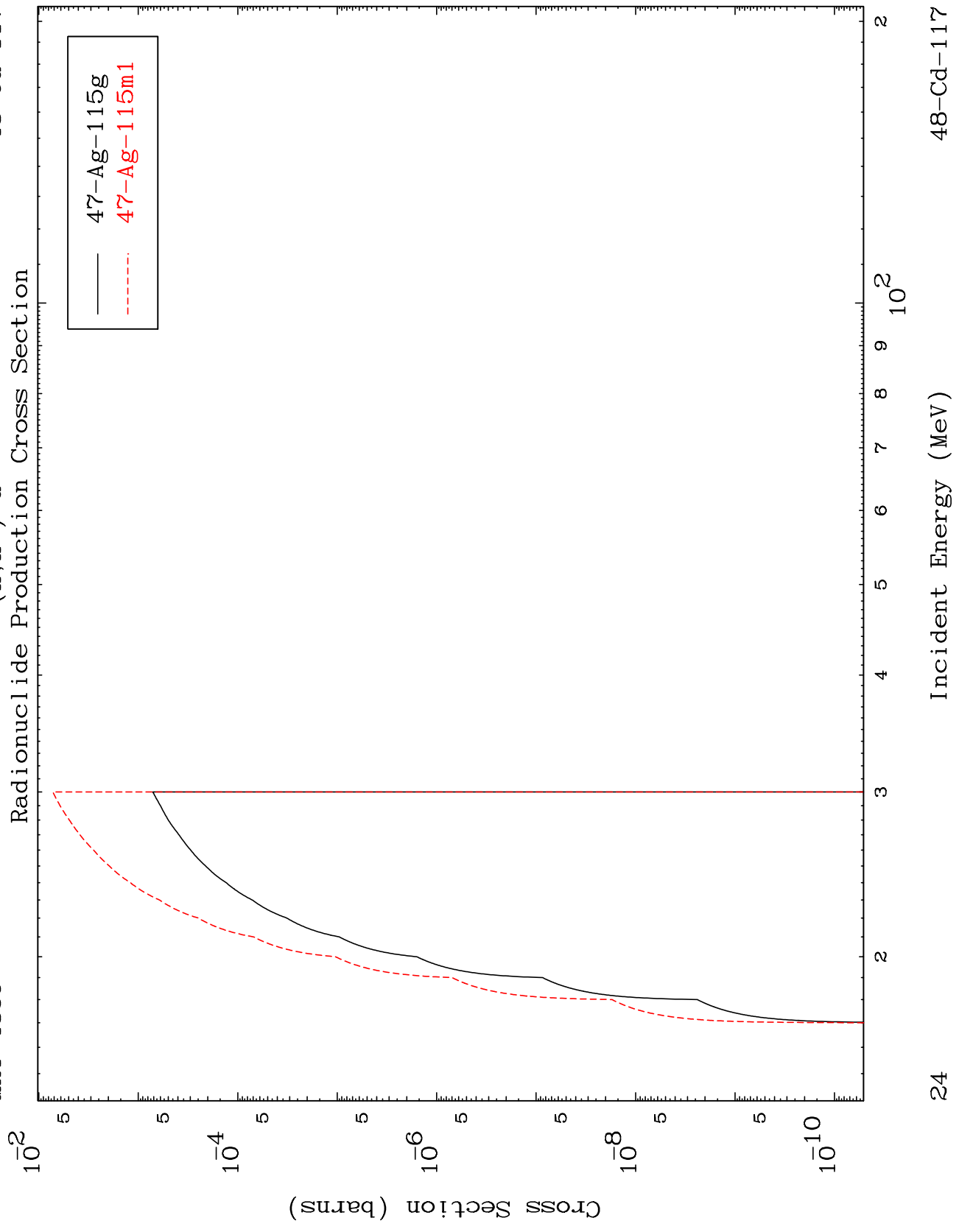
Incident Energy (MeV)

48-Cd-117

MAT 4859

(n,n') d

48-Cd-117

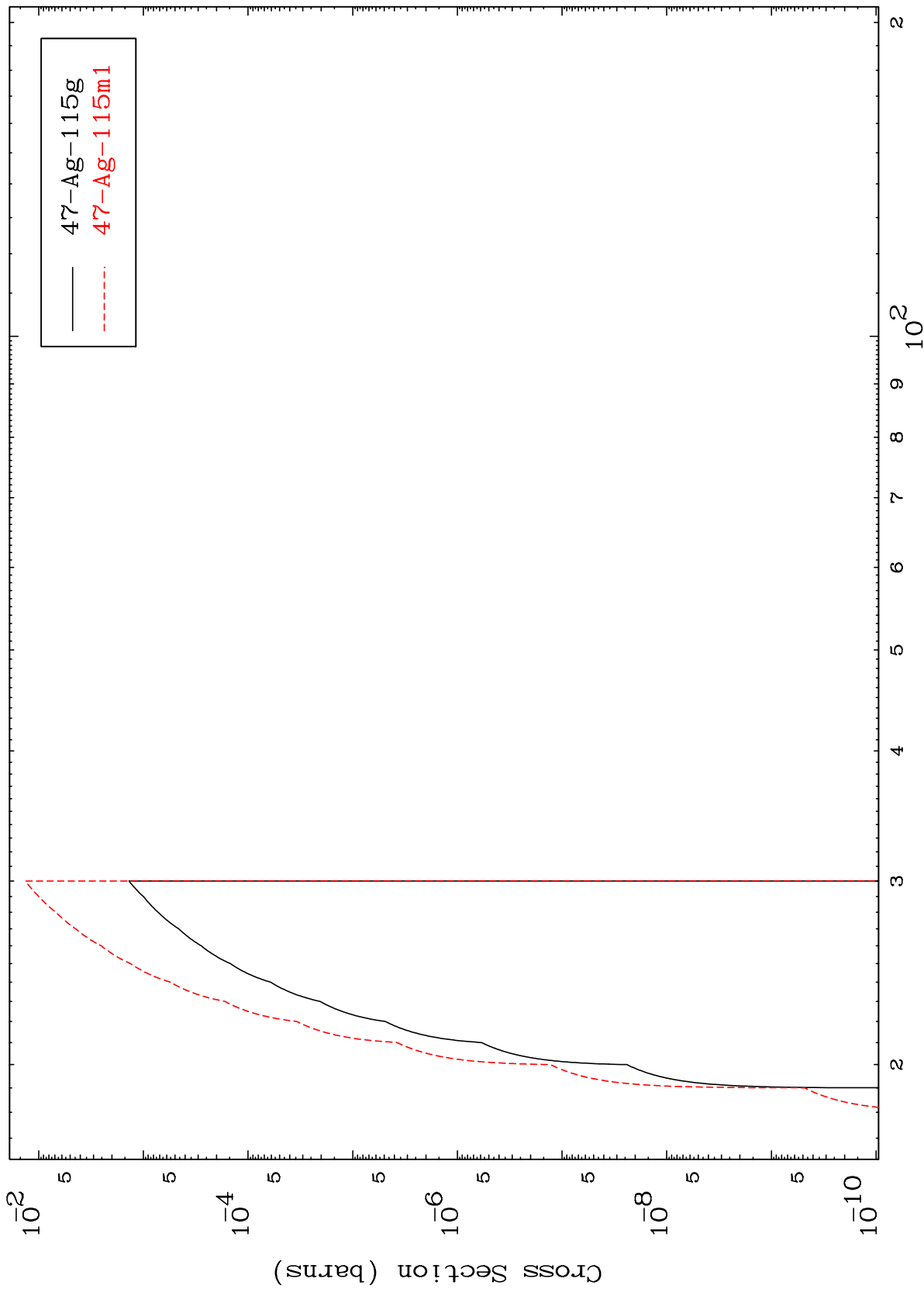


24

Incident Energy (MeV)

48-Cd-117

Radionuclide Production Cross Section

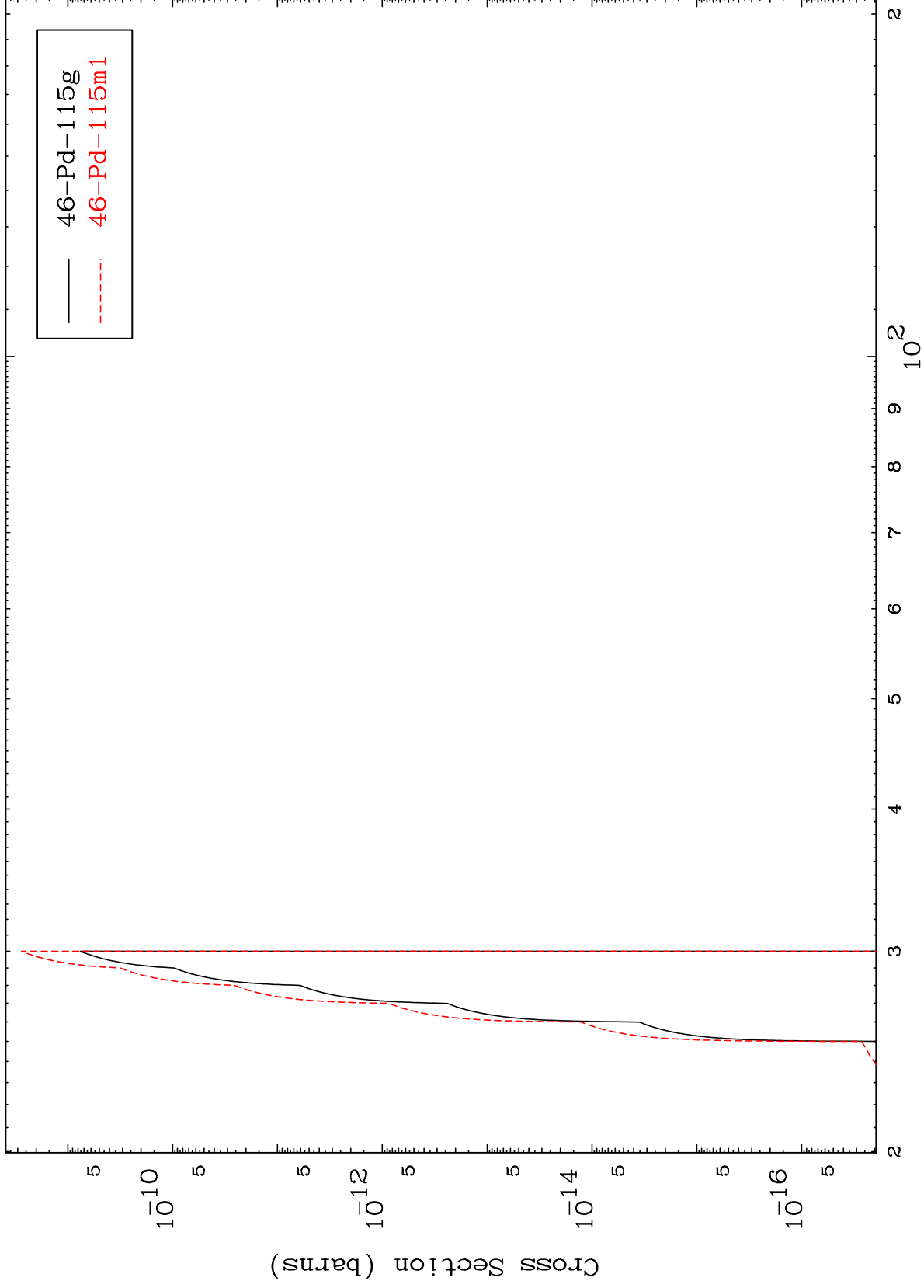


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(n,2n) p

48-Cd-117

Radionuclide Production Cross Section



26

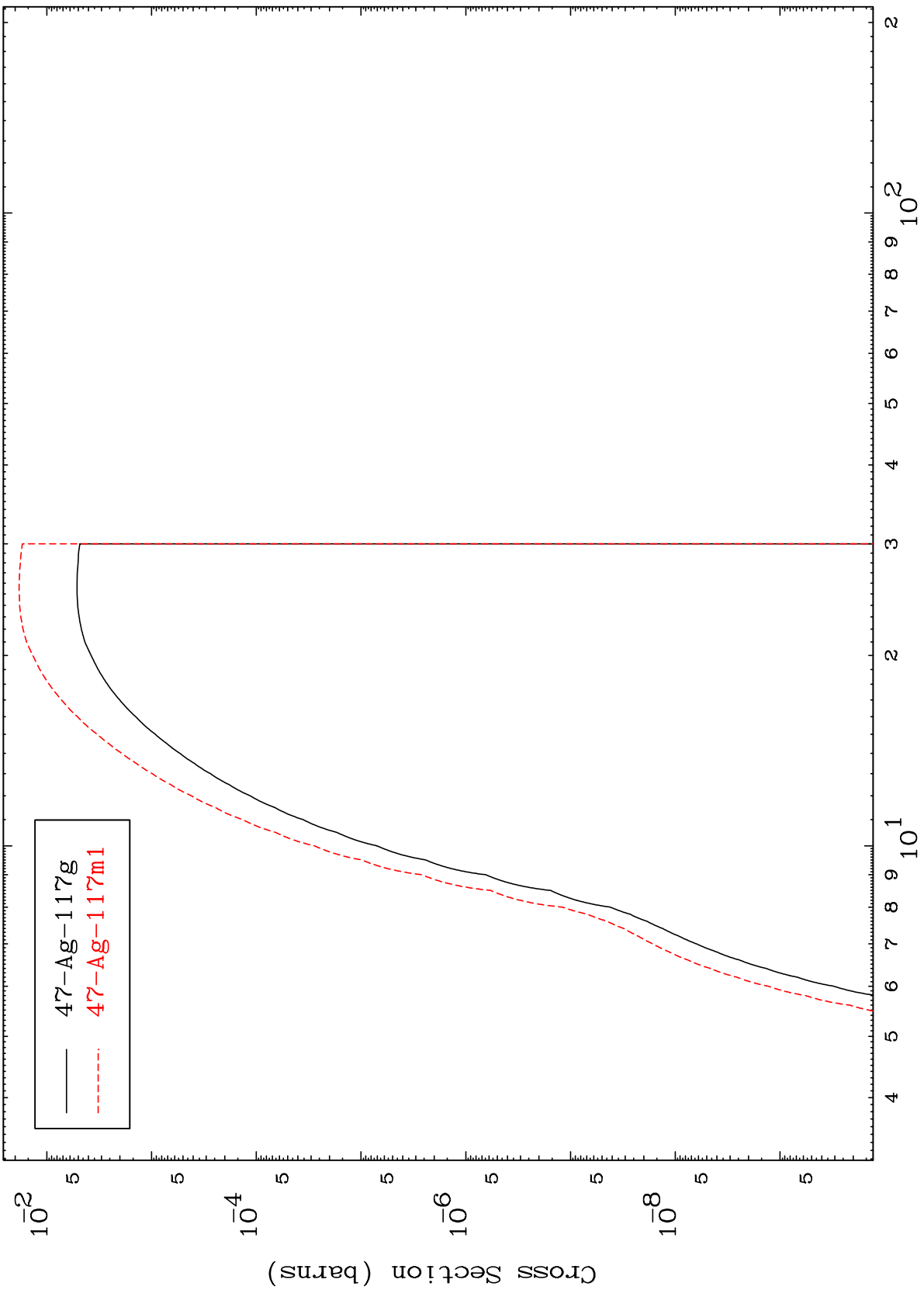
Incident Energy (MeV)

48-Cd-117

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48-Cd-117

(n,p)
Radionuclide Production Cross Section



27

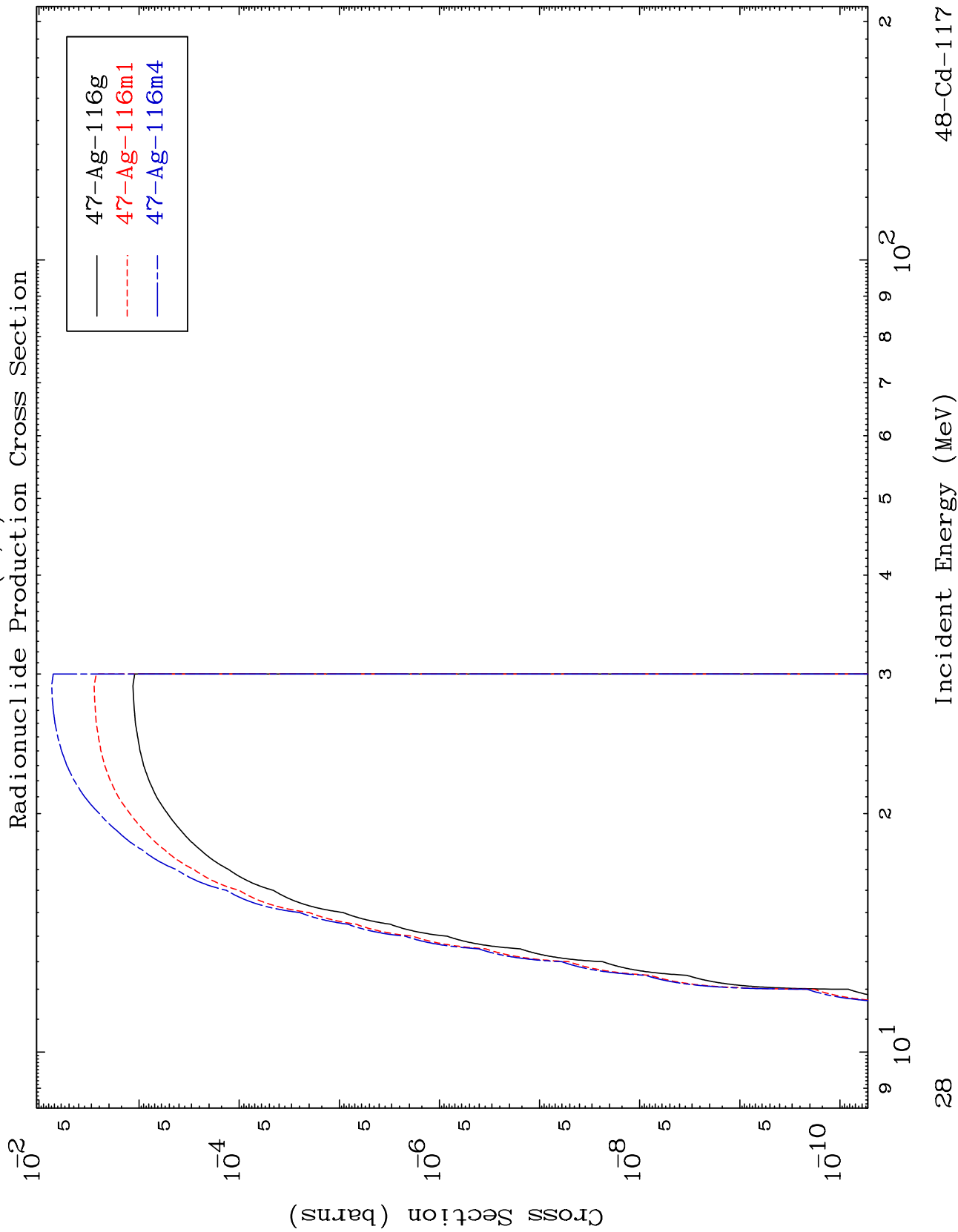
Incident Energy (MeV)

48-Cd-117

MAT 4859

(n,d)

48-Cd-117



28

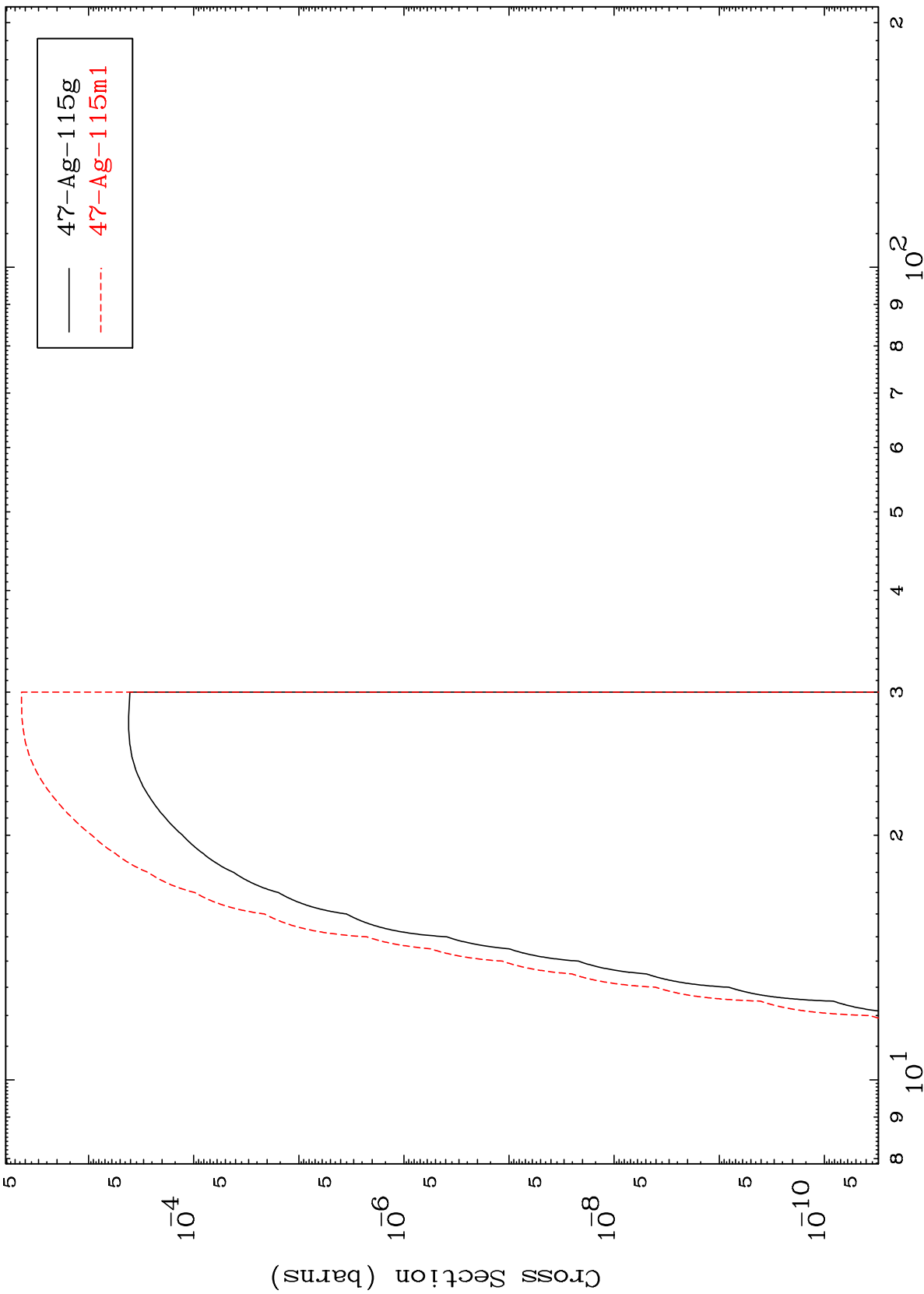
Incident Energy (MeV)

48-Cd-117

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48-Cd-117

(n,t)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

48-Cd-117

Radionuclide Production Cross Section

