

Program EVALPLOT
(Version 2015-2)

by

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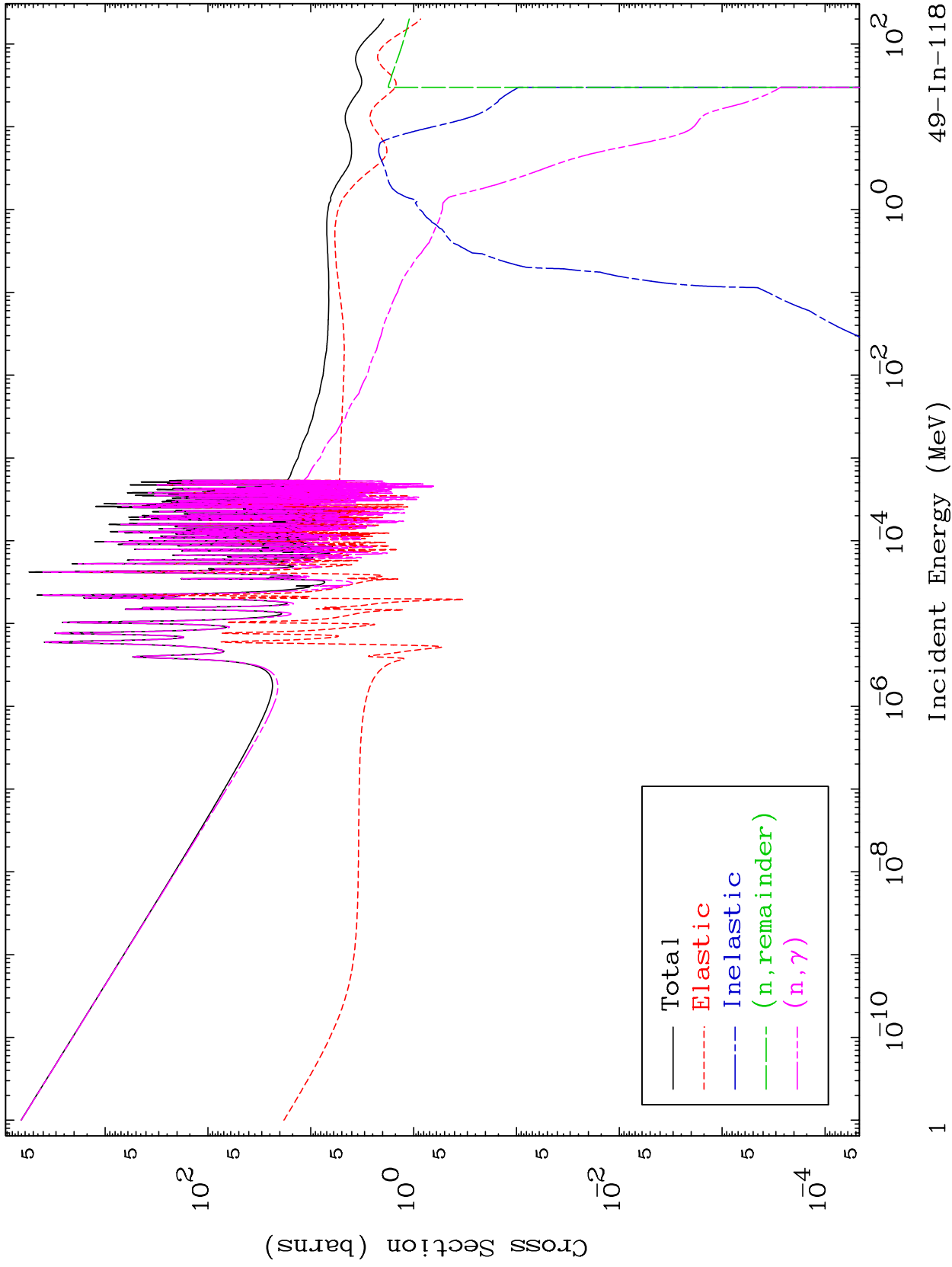
Press Mouse Button to Start

MAT 4941

Major

293 Kelvin Cross Sections

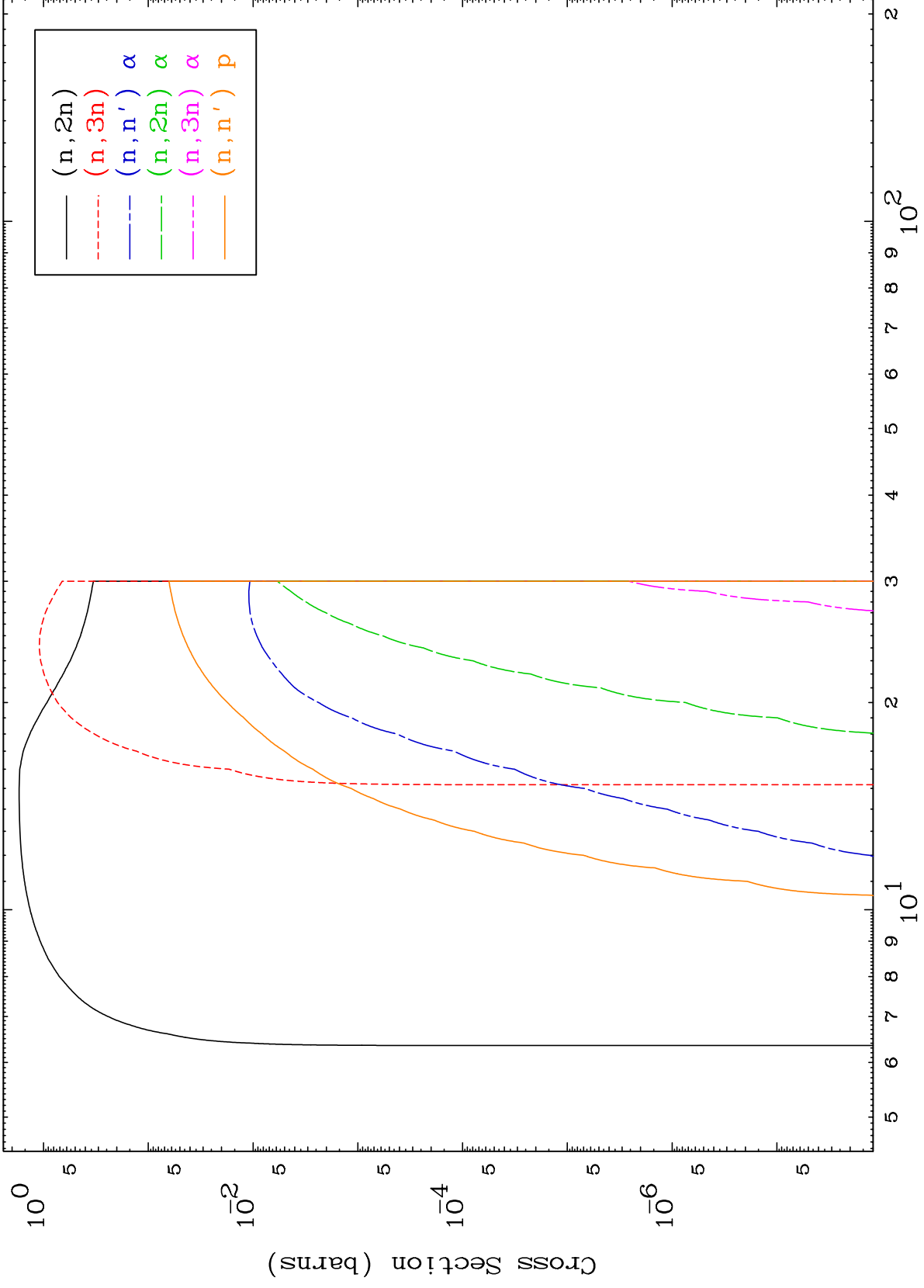
49-In-118



MAT 4941

Neutron Production
293 Kelvin Cross Sections

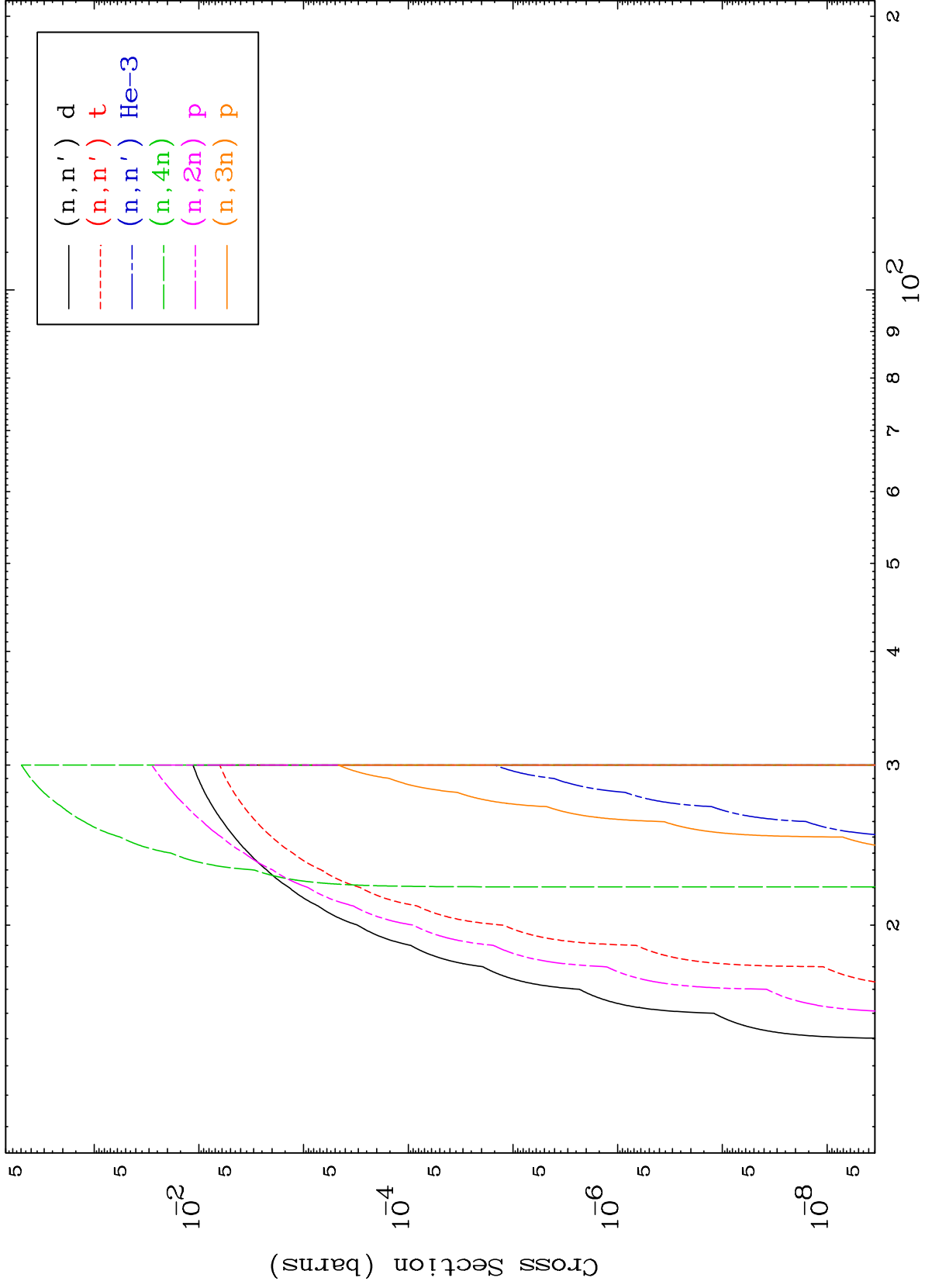
49-In-118



2

Incident Energy (MeV)

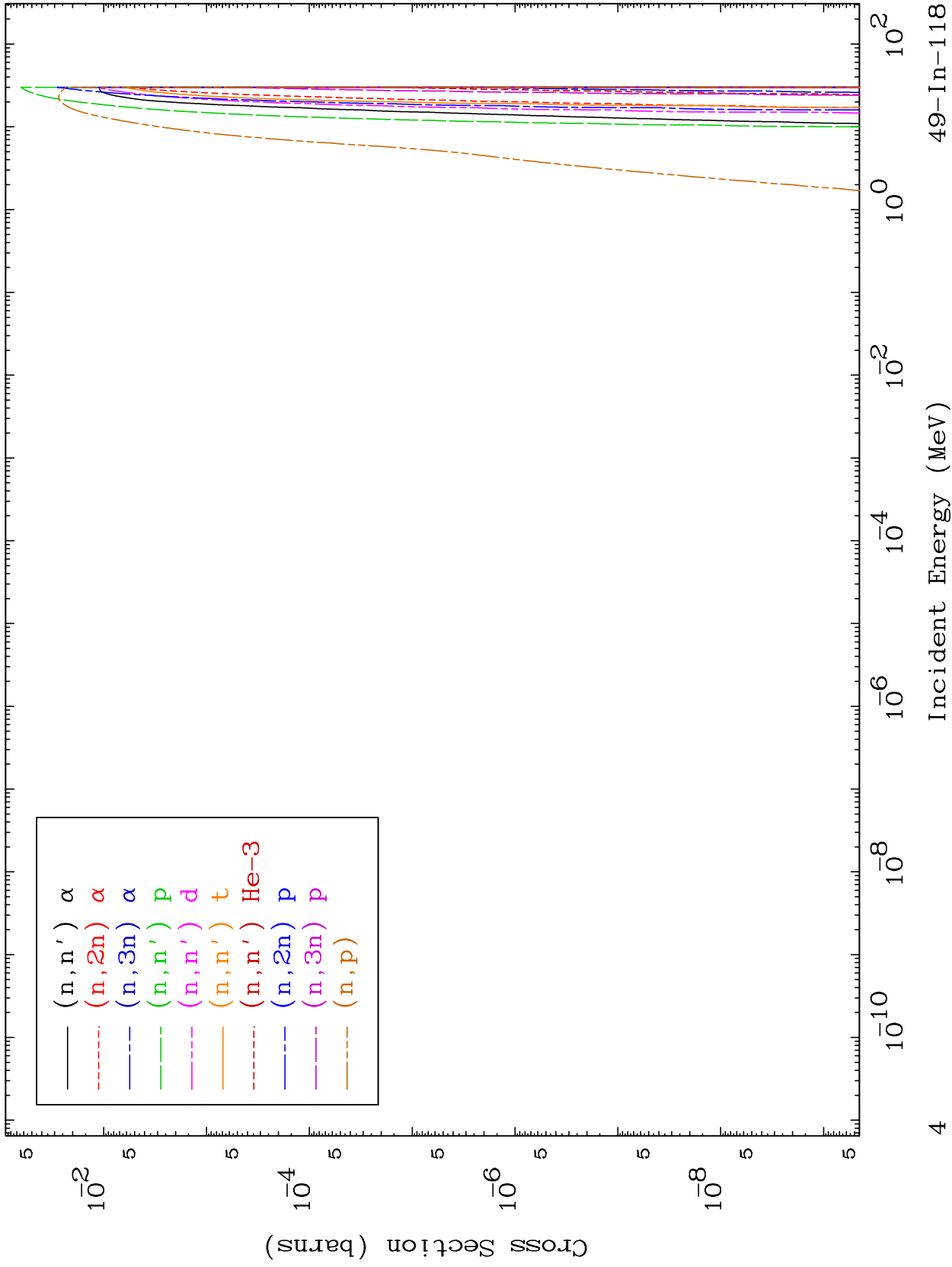
49-In-118



MAT 4941

Charged Particle
293 Kelvin Cross Sections

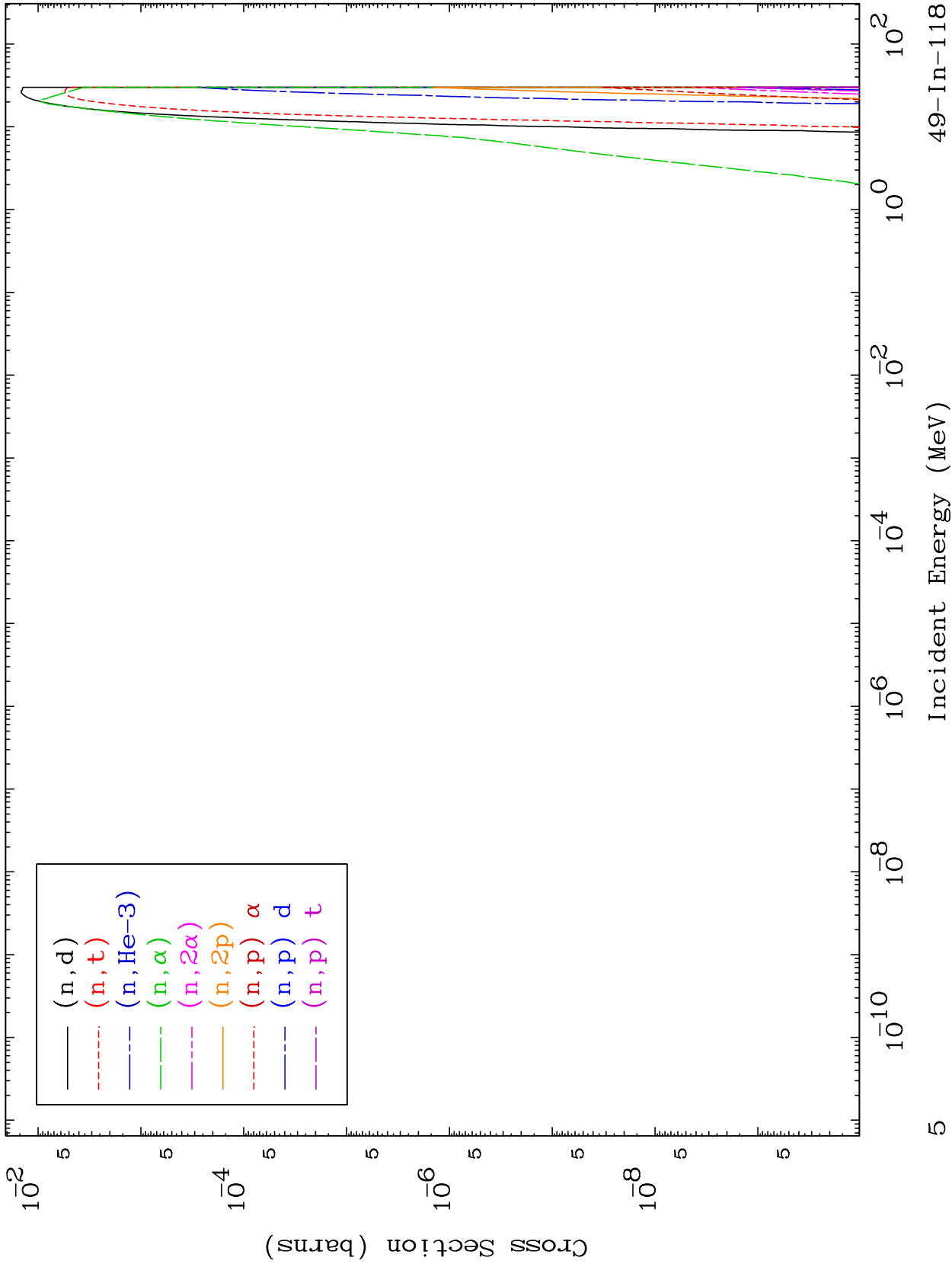
49-In-118



MAT 4941

Charged Particle
293 Kelvin Cross Sections

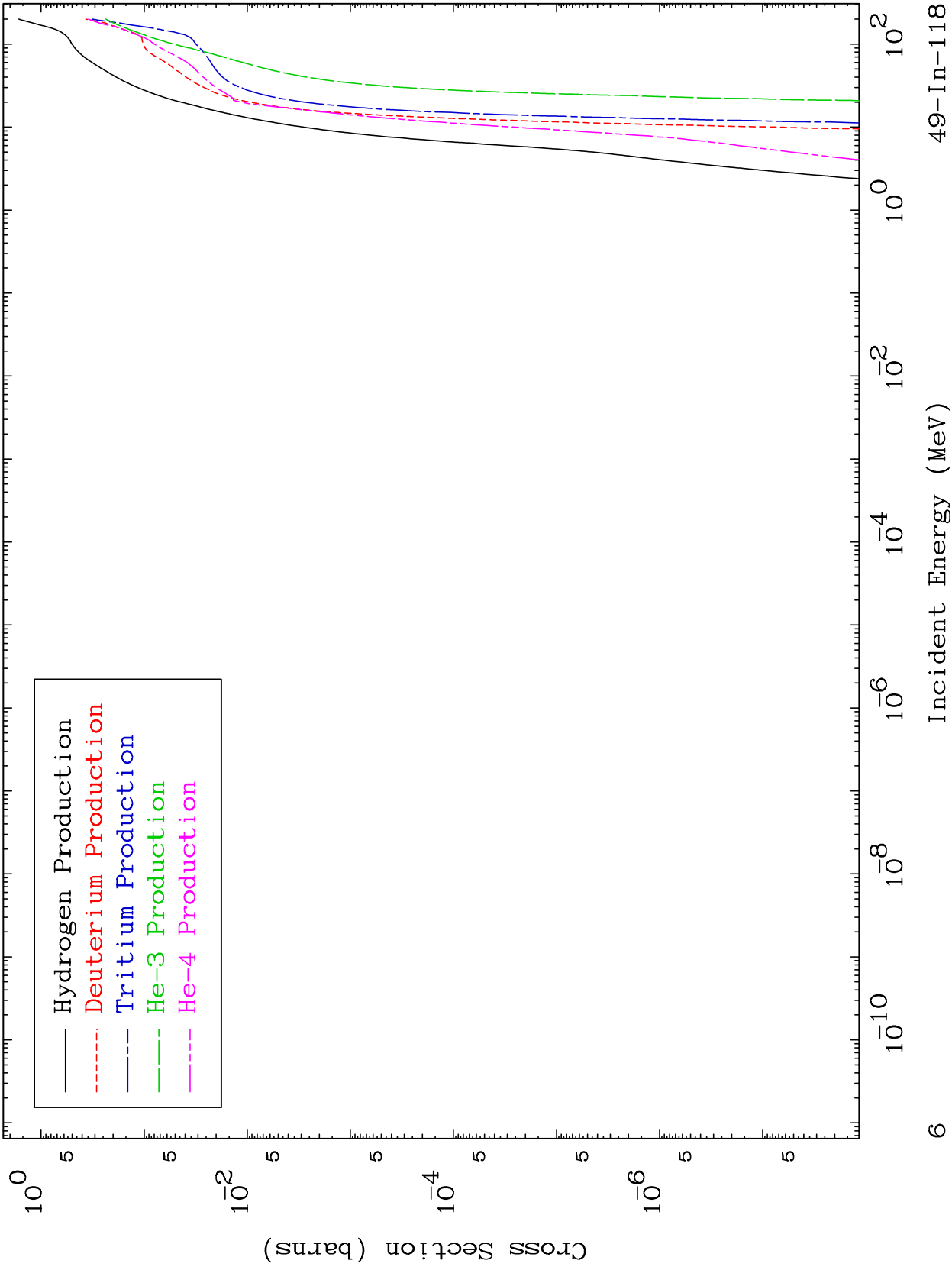
49-In-118



MAT 4941

Particle Production
293 Kelvin Cross Sections

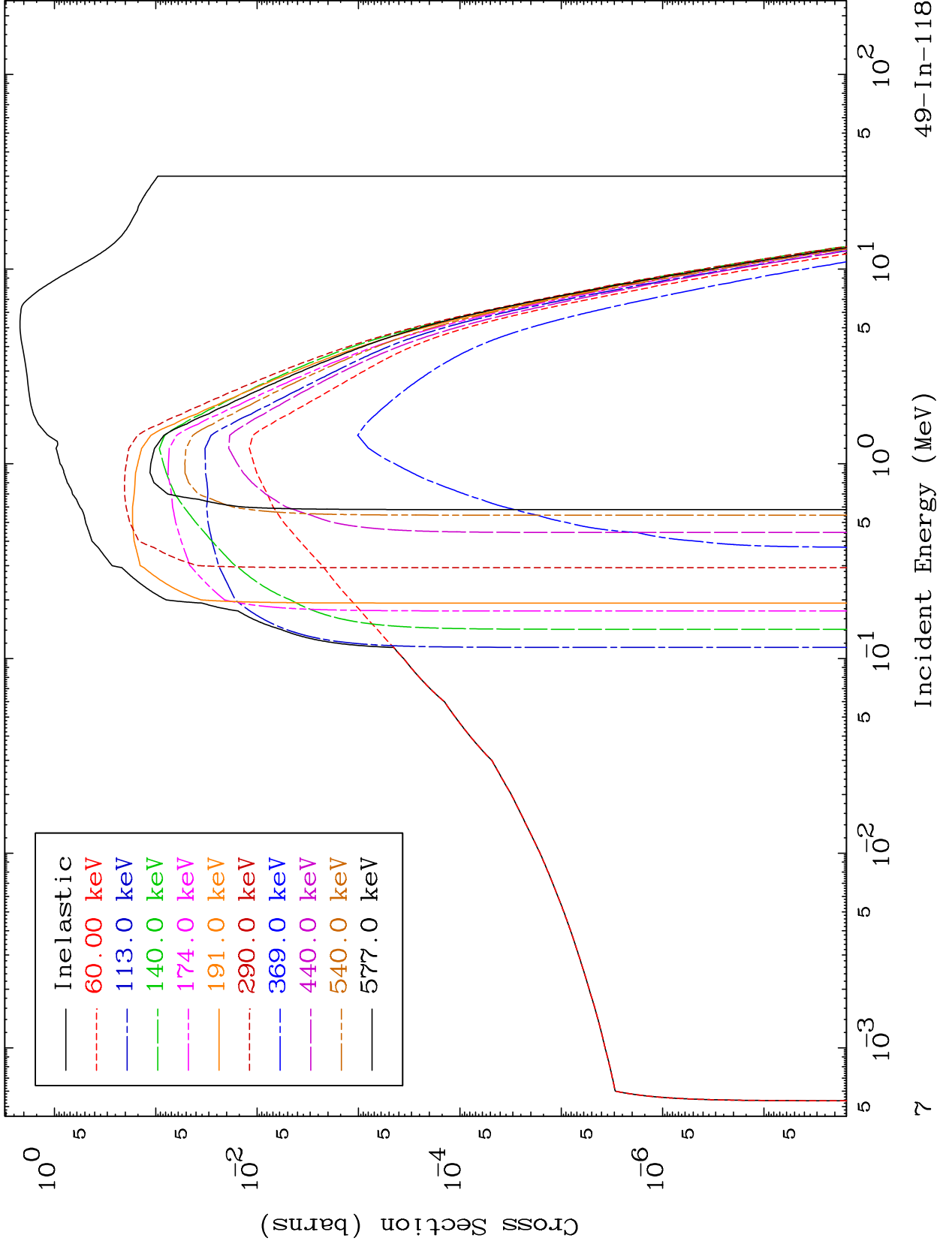
49-In-118



MAT 4941

(n,n') Level
293 Kelvin Cross Sections

49-In-118



49-In-118

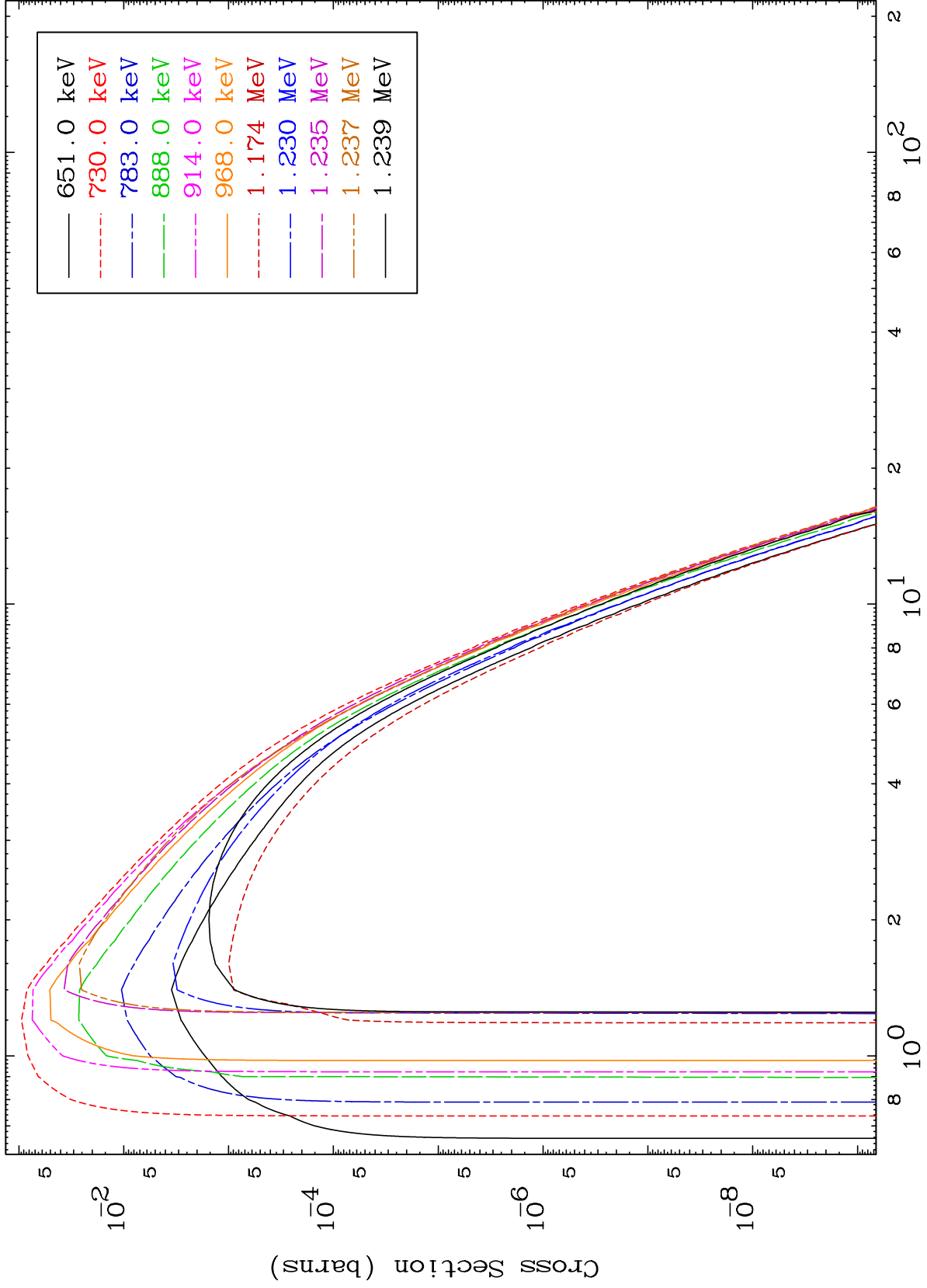
Incident Energy (MeV)

7

MAT 4941

(n,n') Level
293 Kelvin Cross Sections

49-In-118

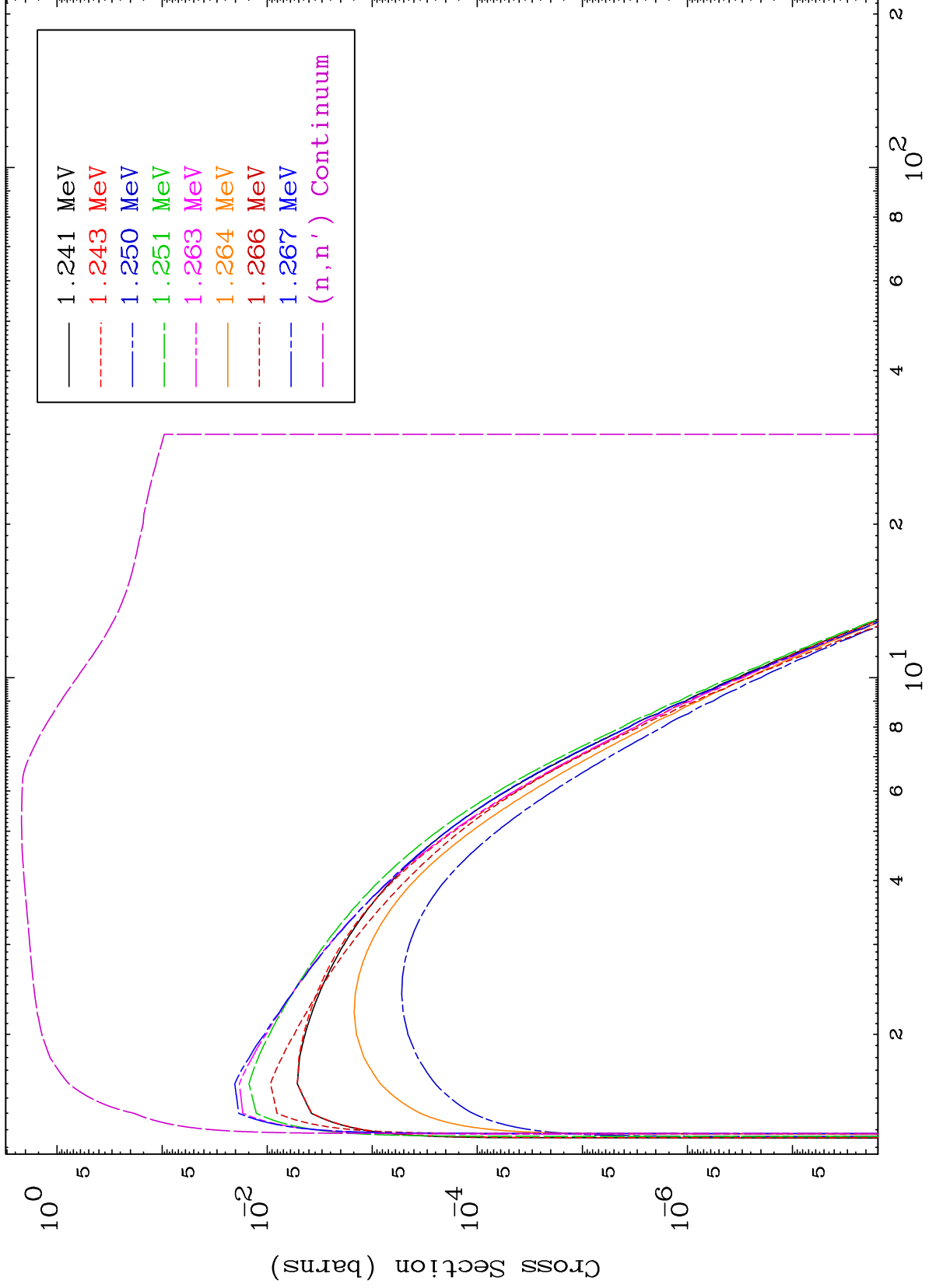


8

Incident Energy (MeV)

49-In-118

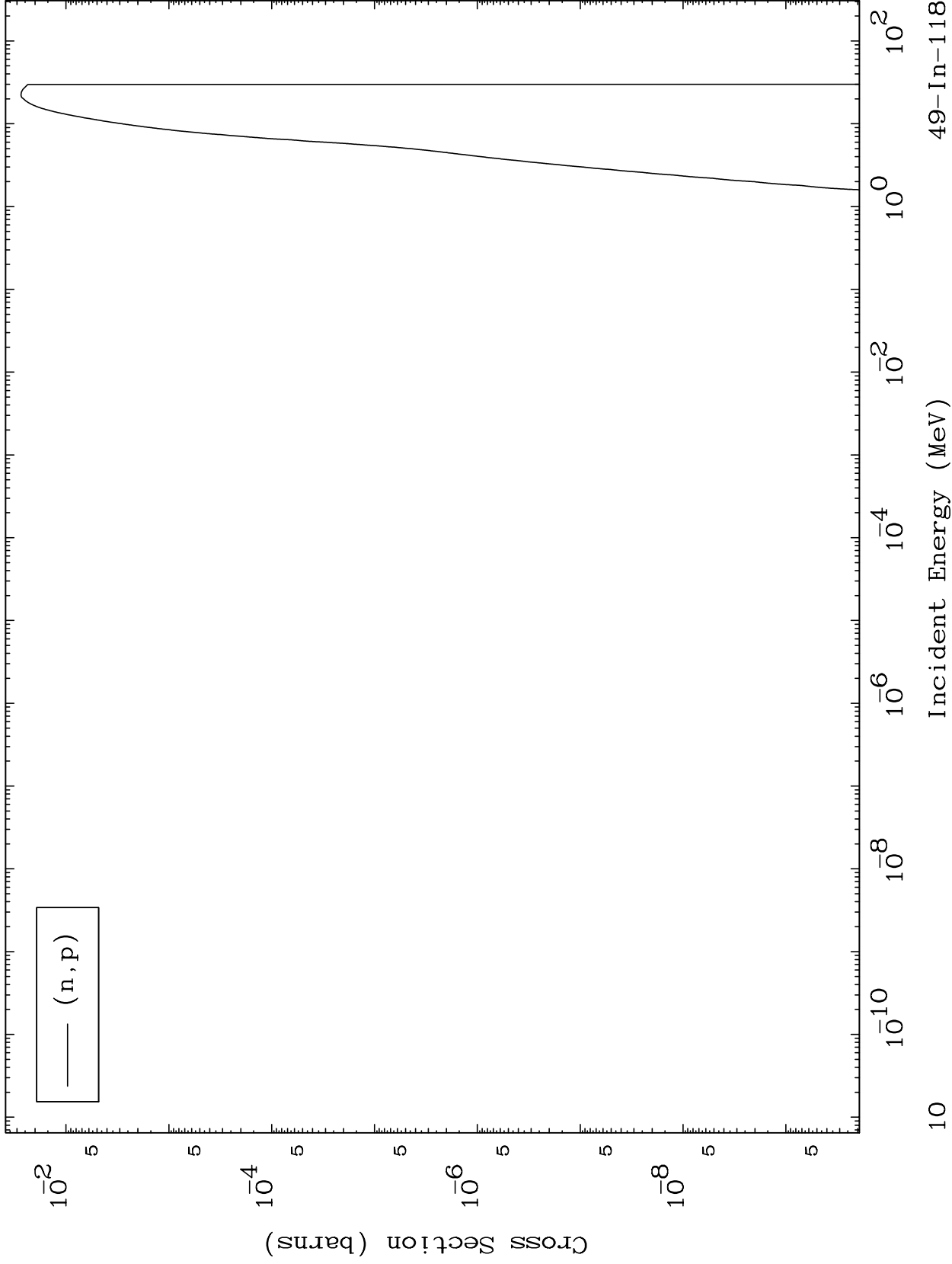
293 Kelvin Cross Sections



MAT 4941

(n,p) Levels
293 Kelvin Cross Sections

49-In-118



(n,p)

10

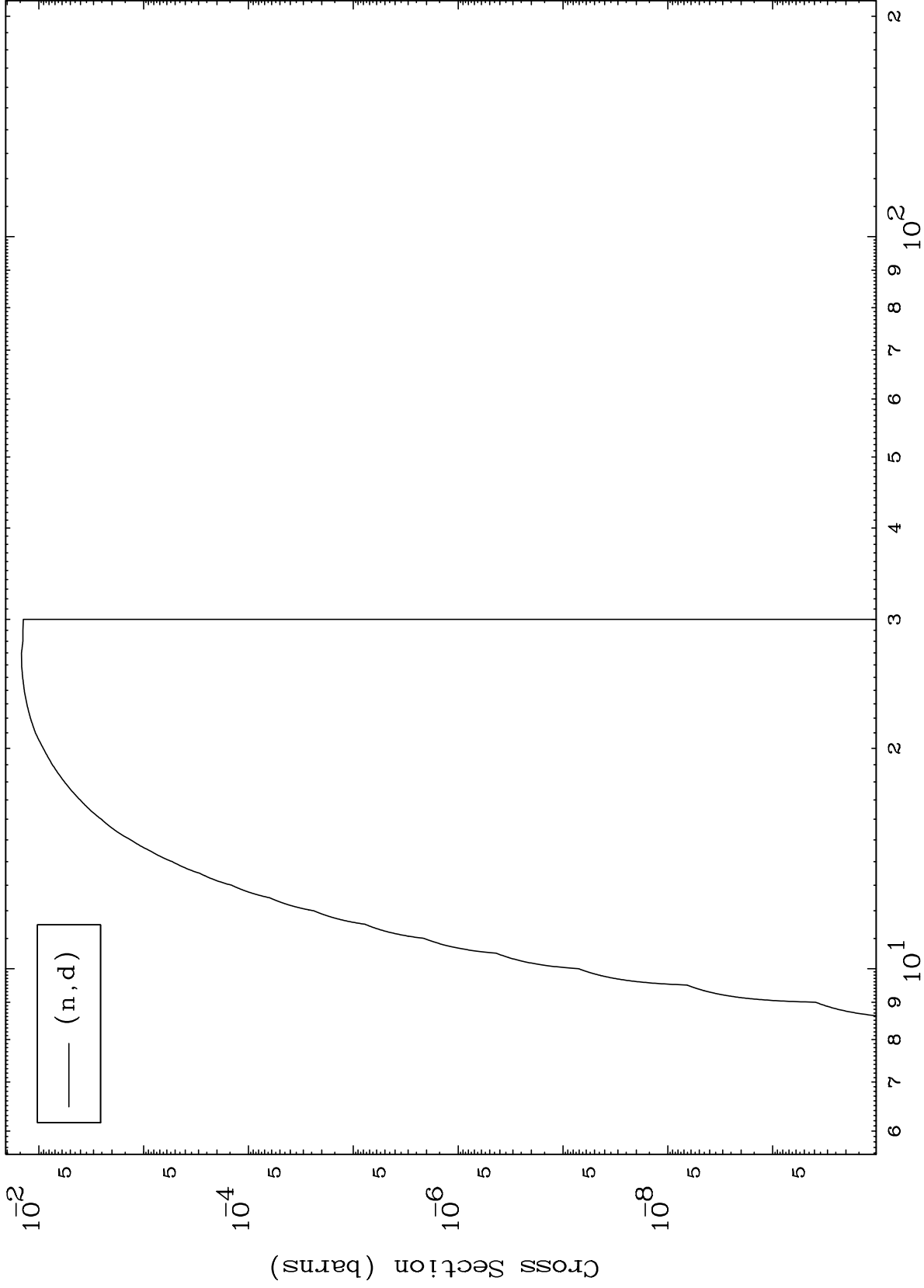
Incident Energy (MeV)

49-In-118

MAT 4941

(n,d) Levels
293 Kelvin Cross Sections

49-In-118



11

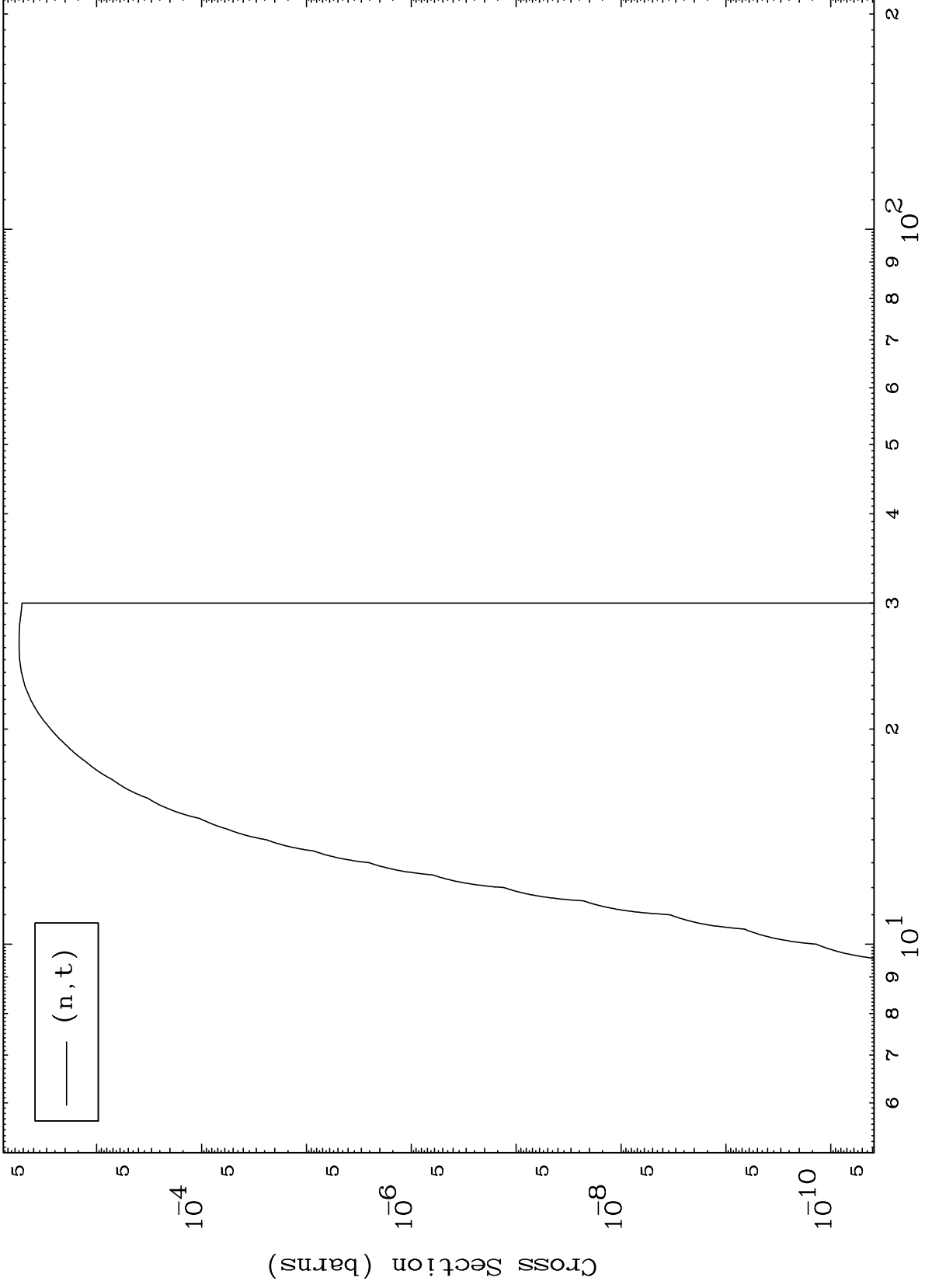
Incident Energy (MeV)

49-In-118

MAT 4941

(n,t) Levels
293 Kelvin Cross Sections

49-In-118



(n,t)

12

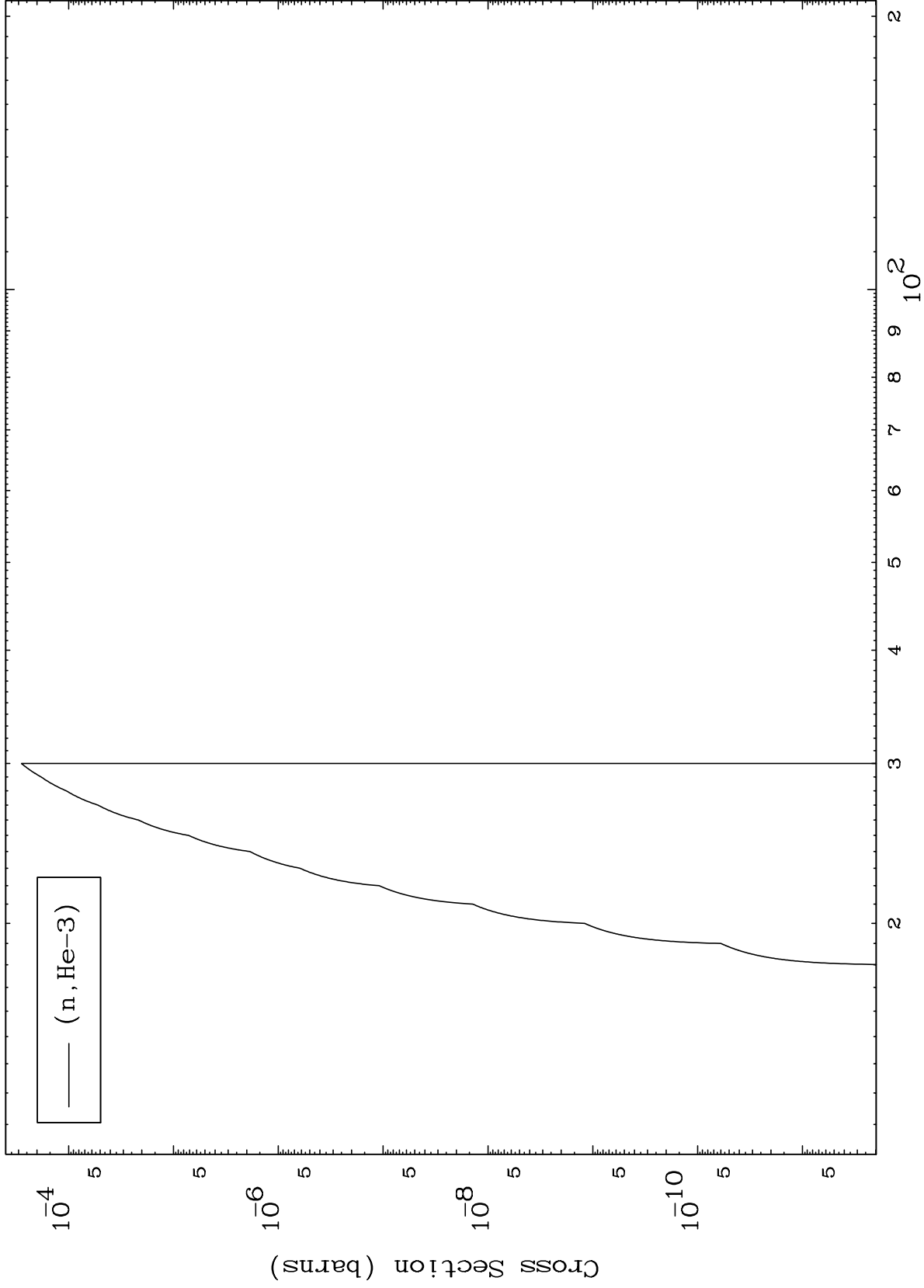
Incident Energy (MeV)

49-In-118

MAT 4941

(n,He3) Levels
293 Kelvin Cross Sections

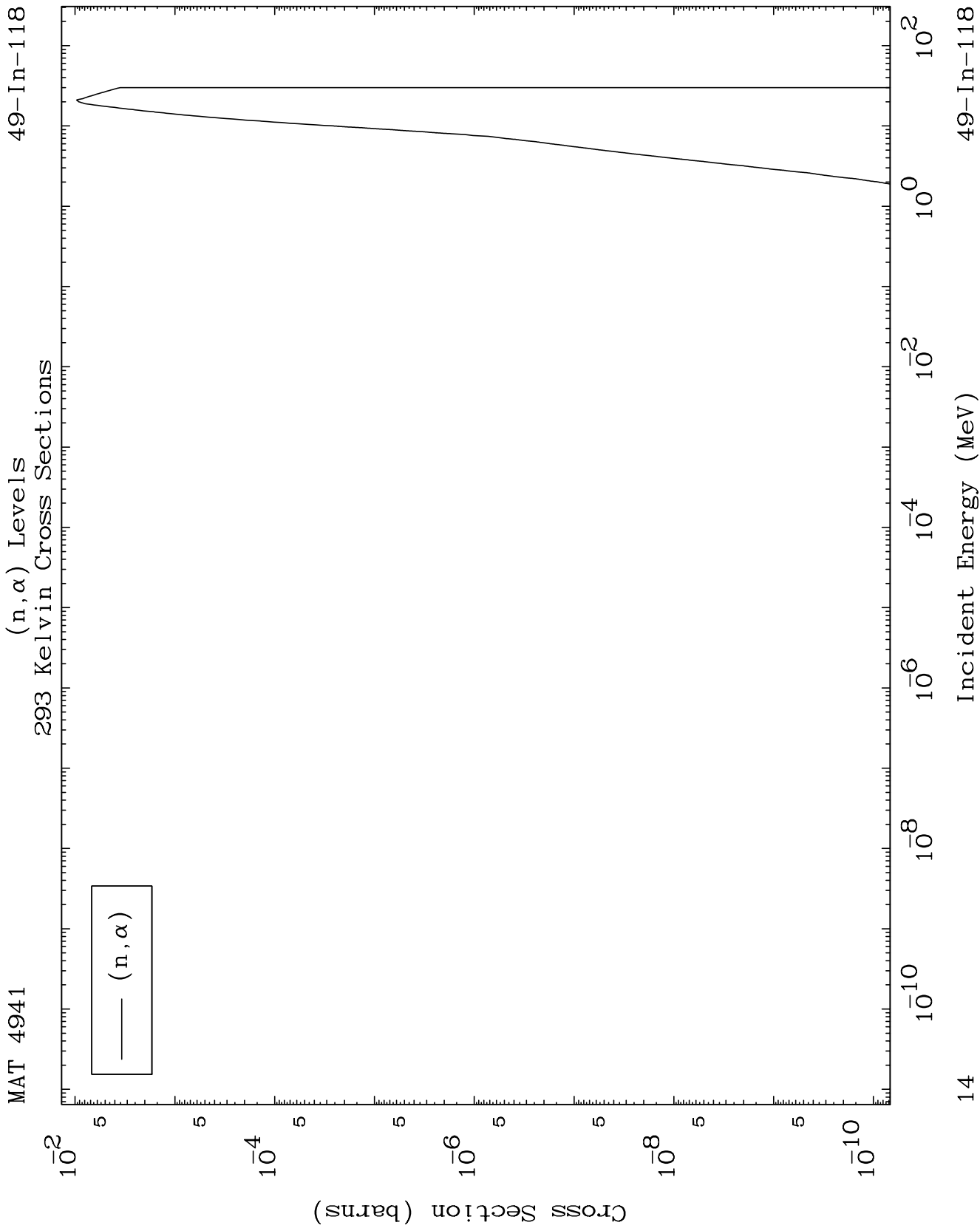
49-In-118



13

Incident Energy (MeV)

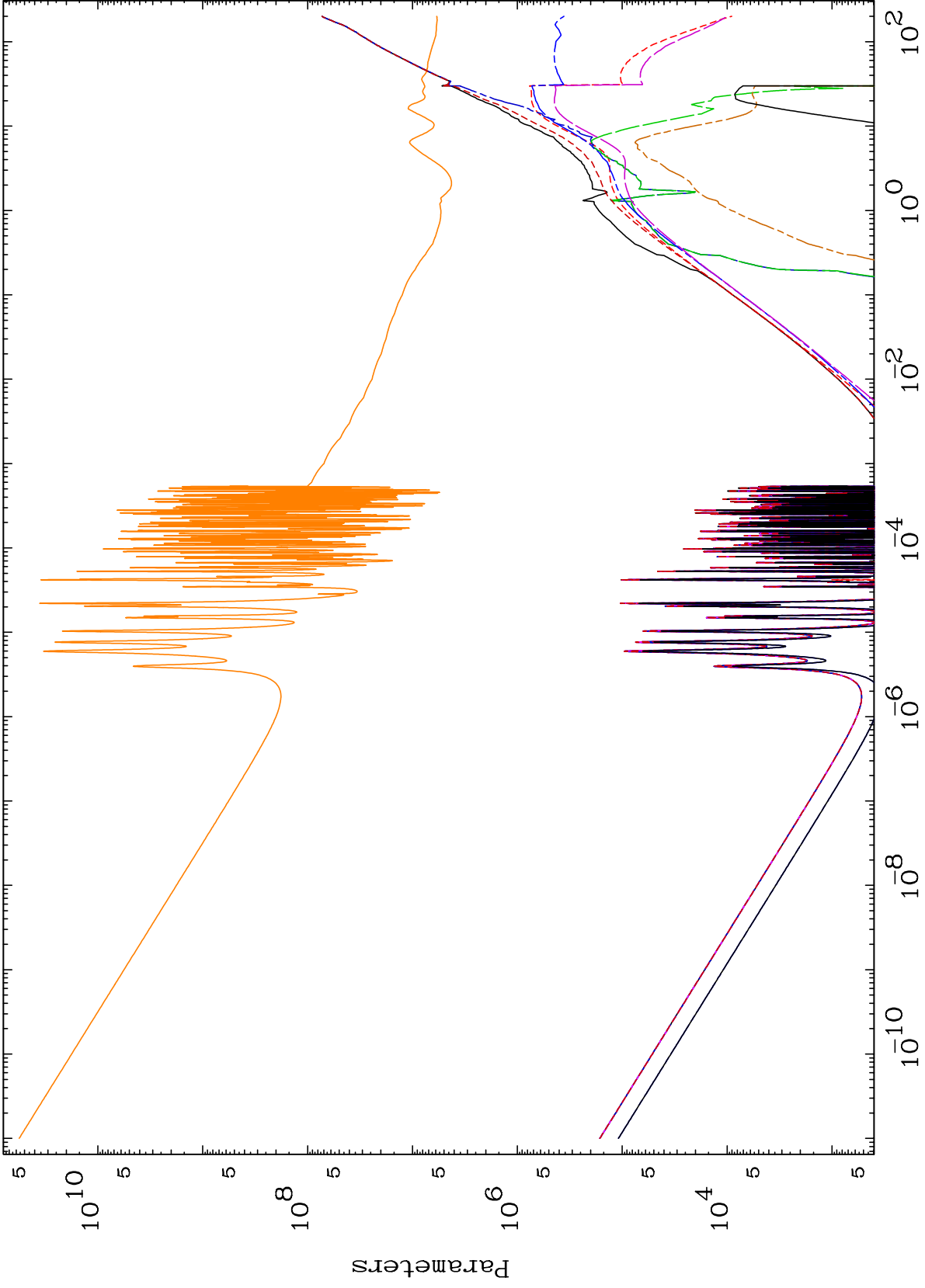
49-In-118



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Energy Release
Parameters

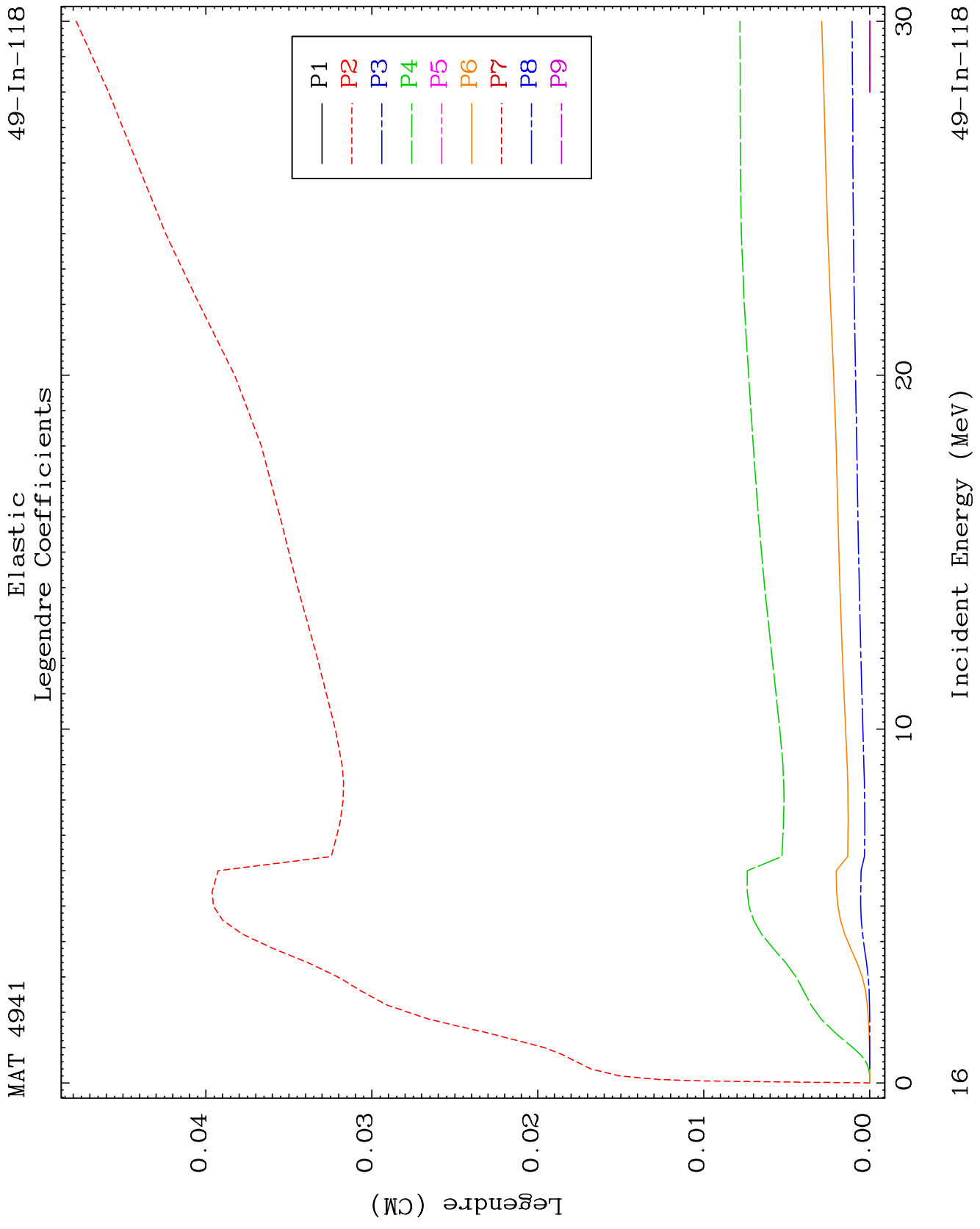
49-In-118



15

Incident Energy (MeV)

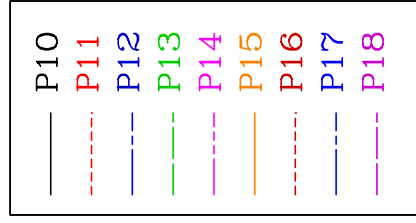
49-In-118



MAT 4941

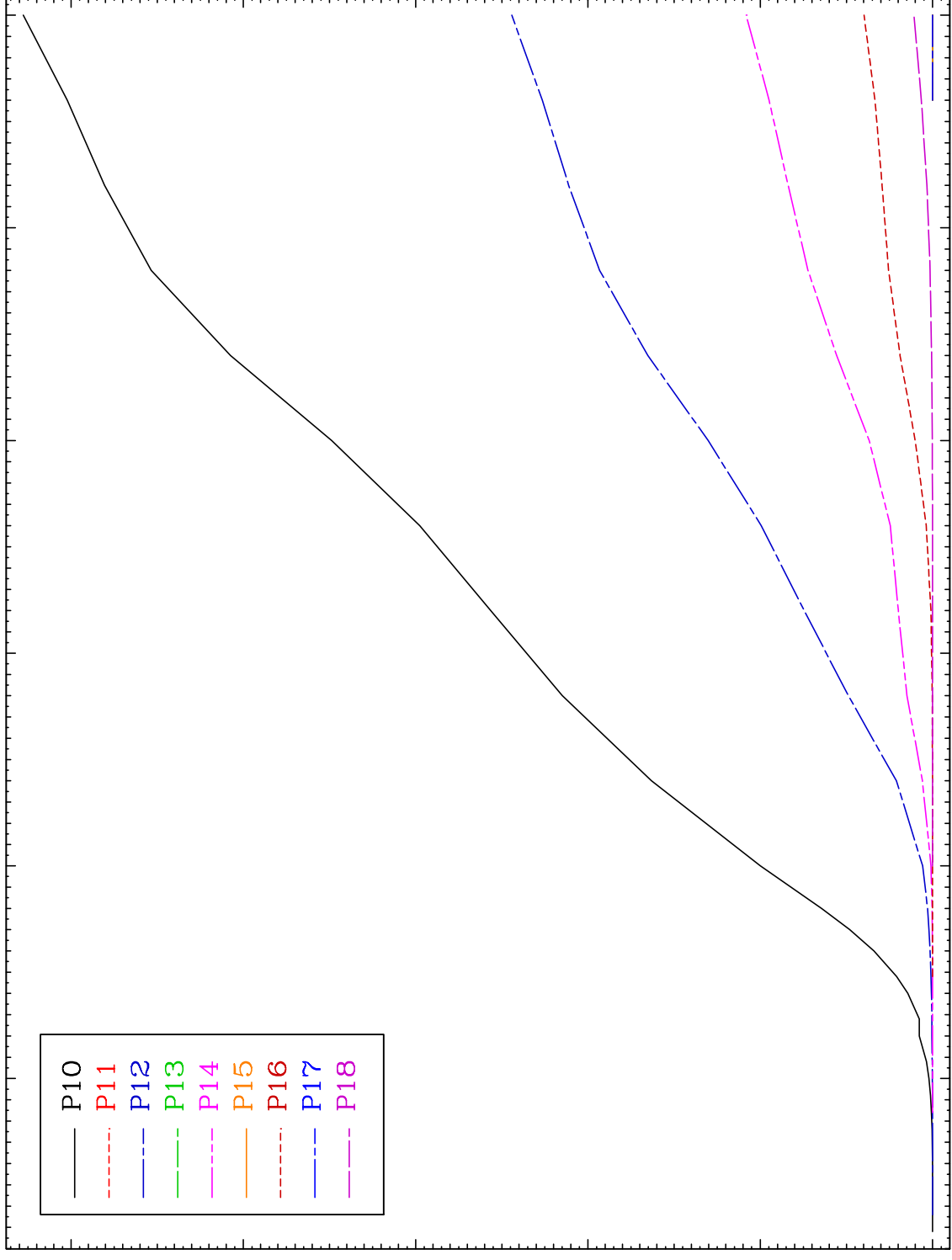
Elastic Legendre Coefficients

49-In-118



$\times 10^{-4}$

Legendre (CM)



17

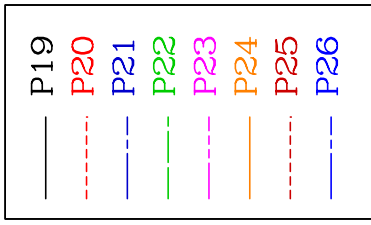
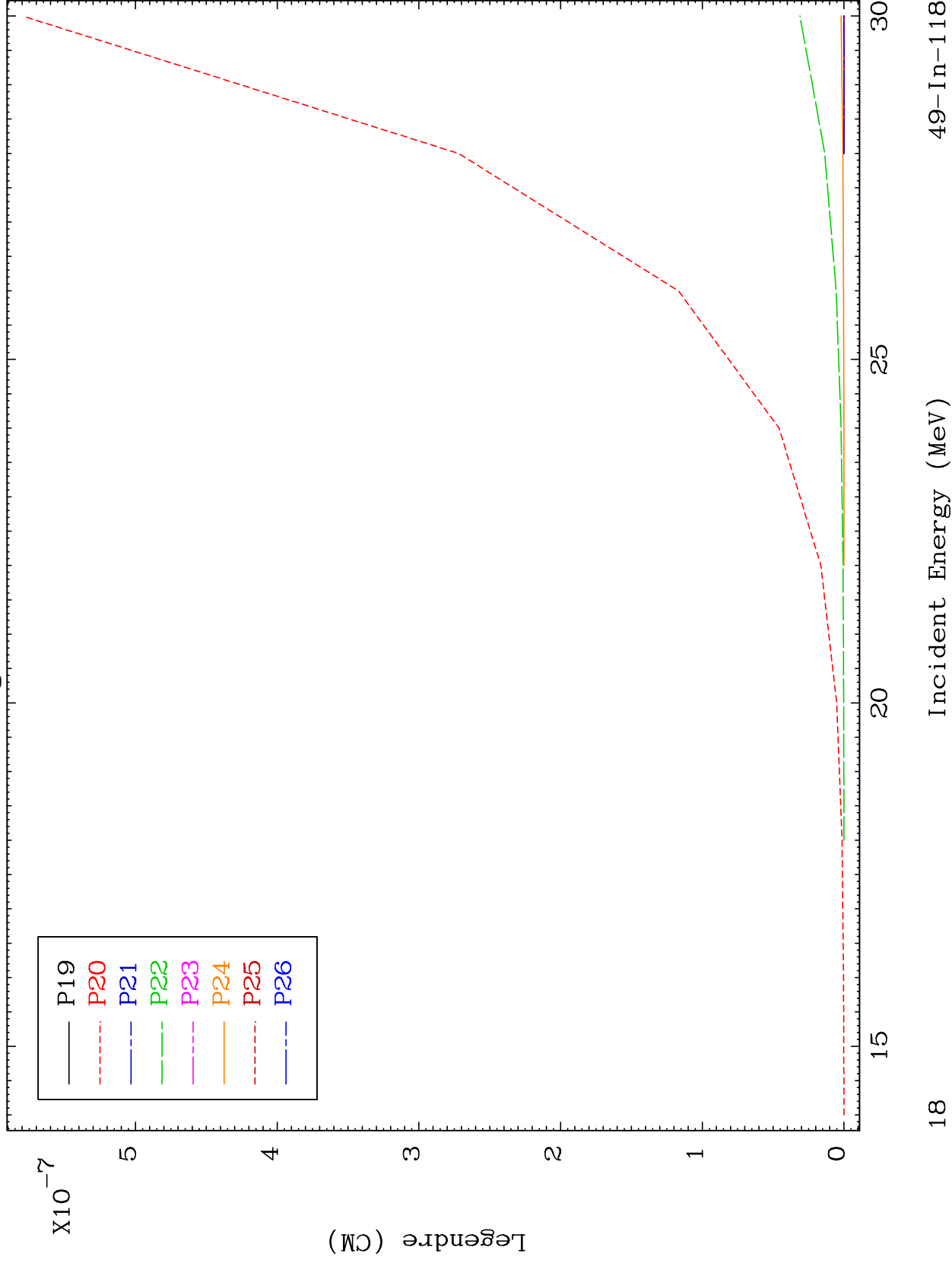
Incident Energy (MeV)

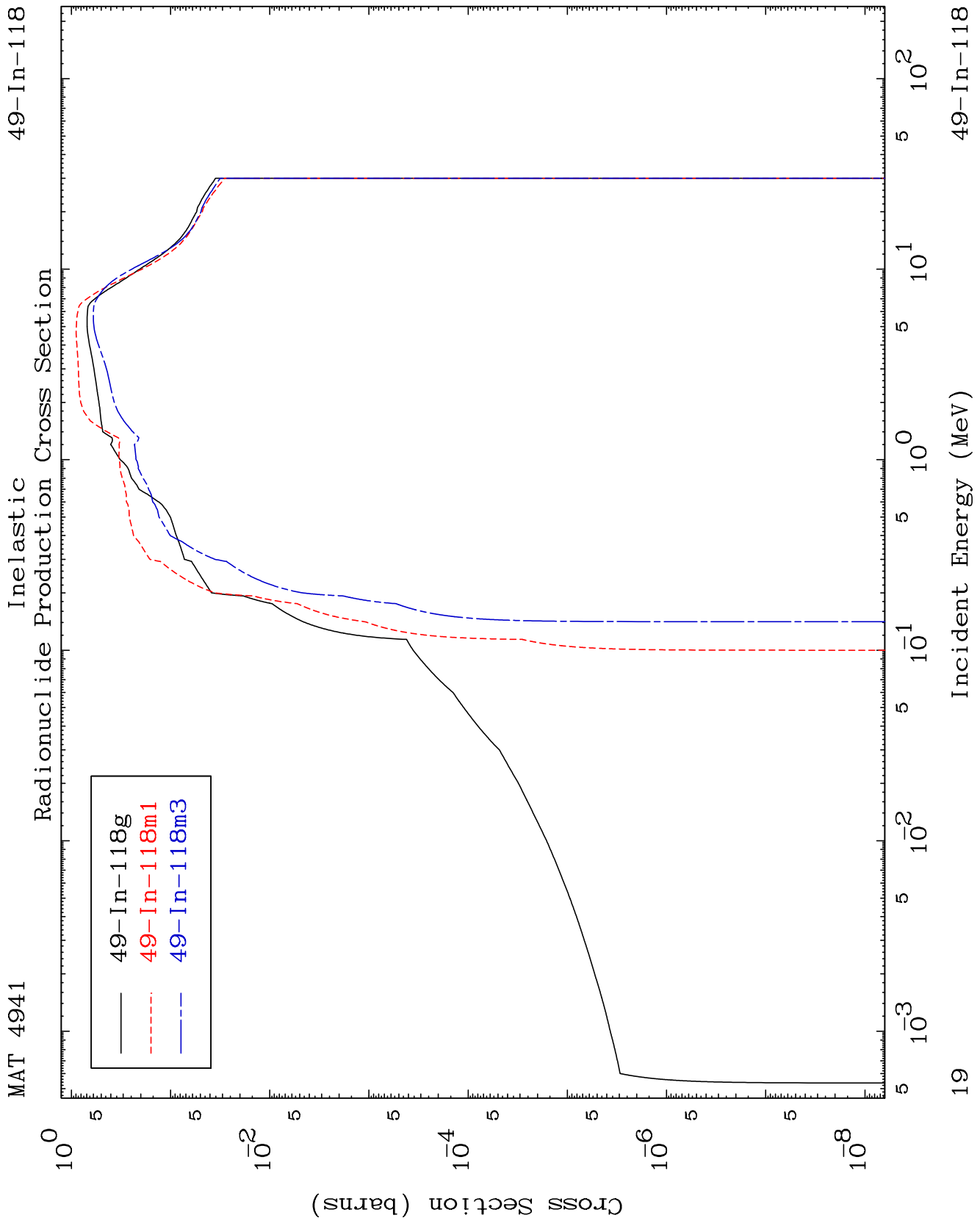
49-In-118

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Elastic
Legendre Coefficients

49-In-118



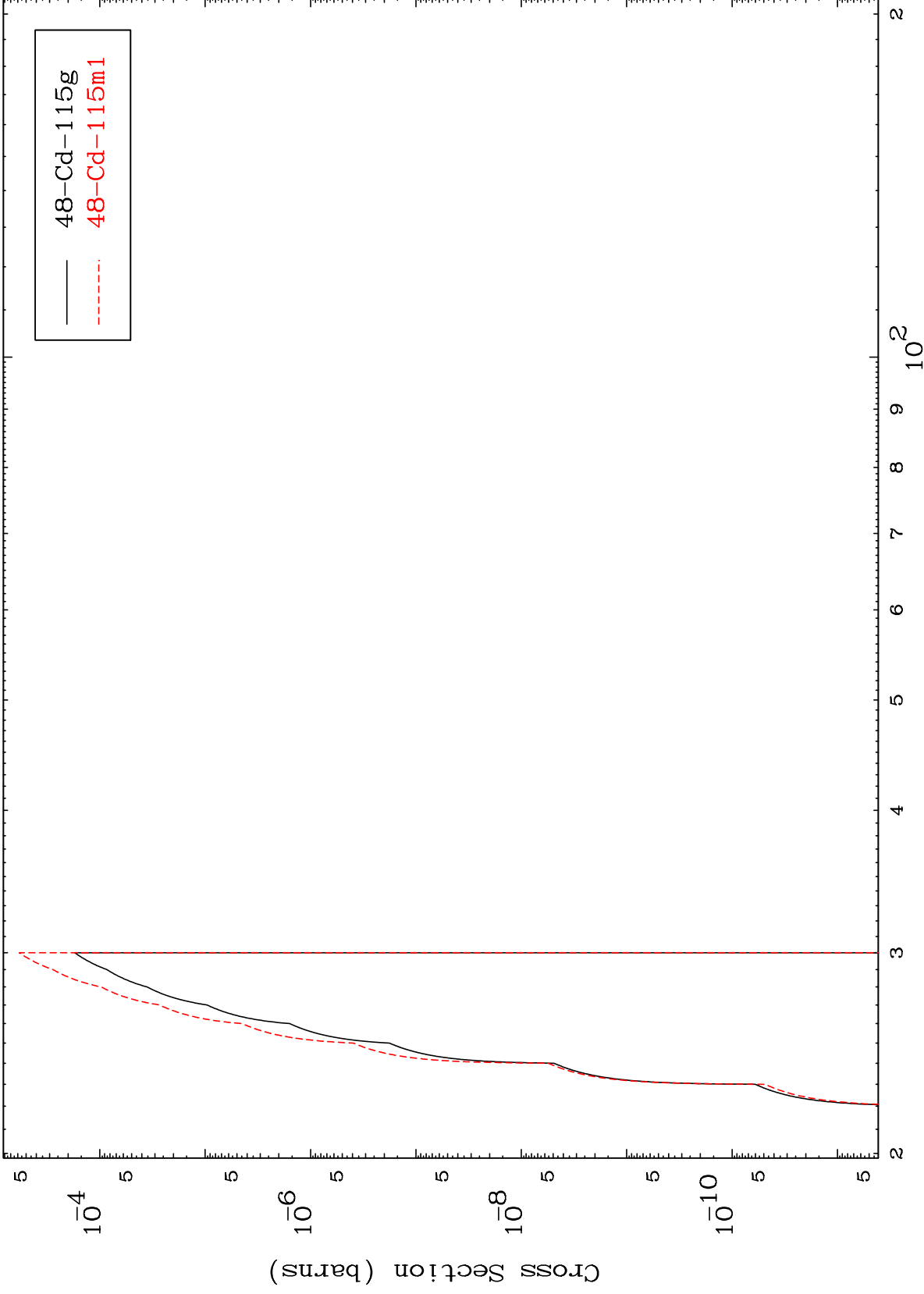


MAT 4941

(n,2n) d

49-In-118

Radionuclide Production Cross Section



20

Incident Energy (MeV)

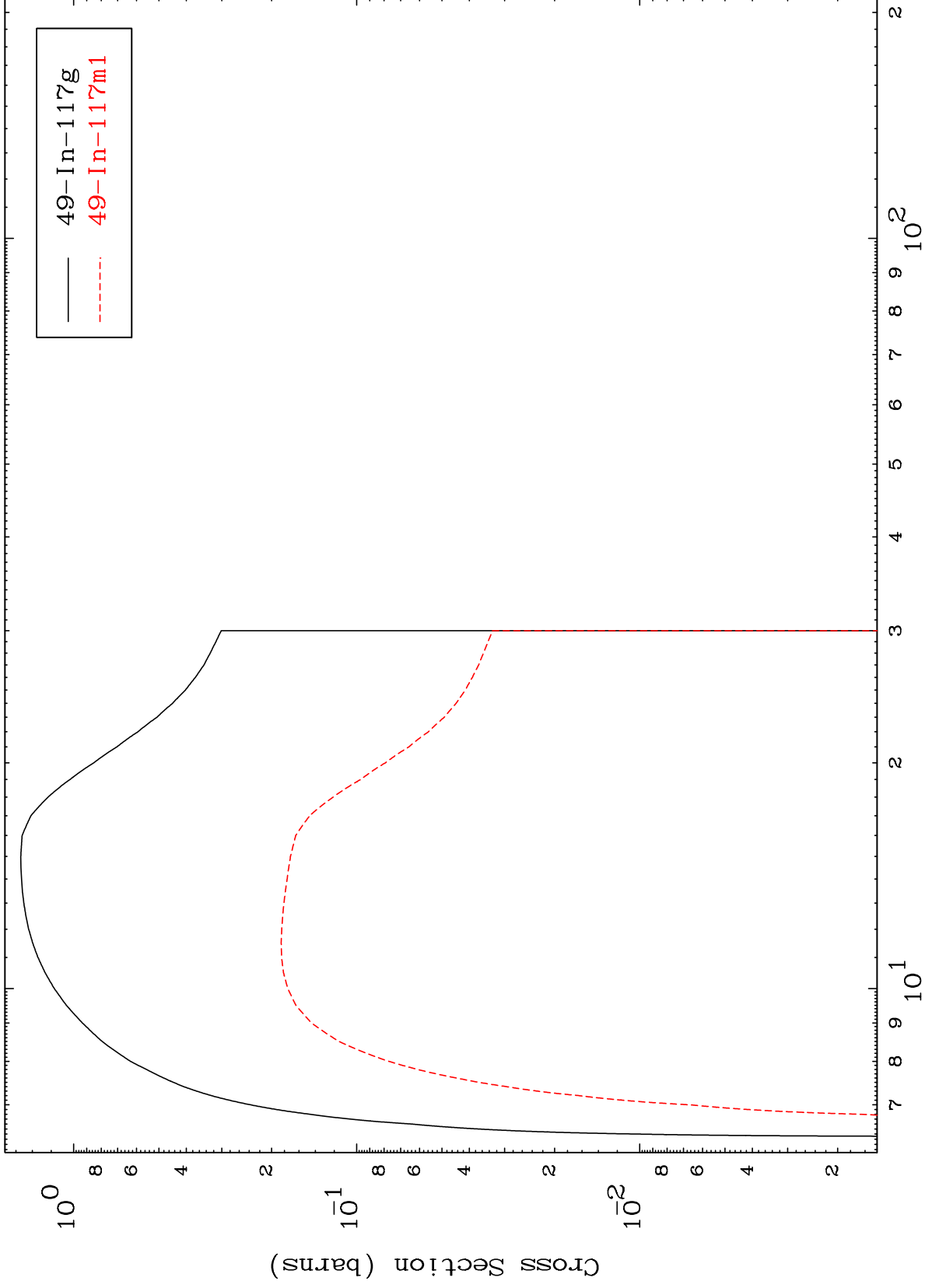
49-In-118

MAT 4941

49-In-118

(n,2n)

Radionuclide Production Cross Section

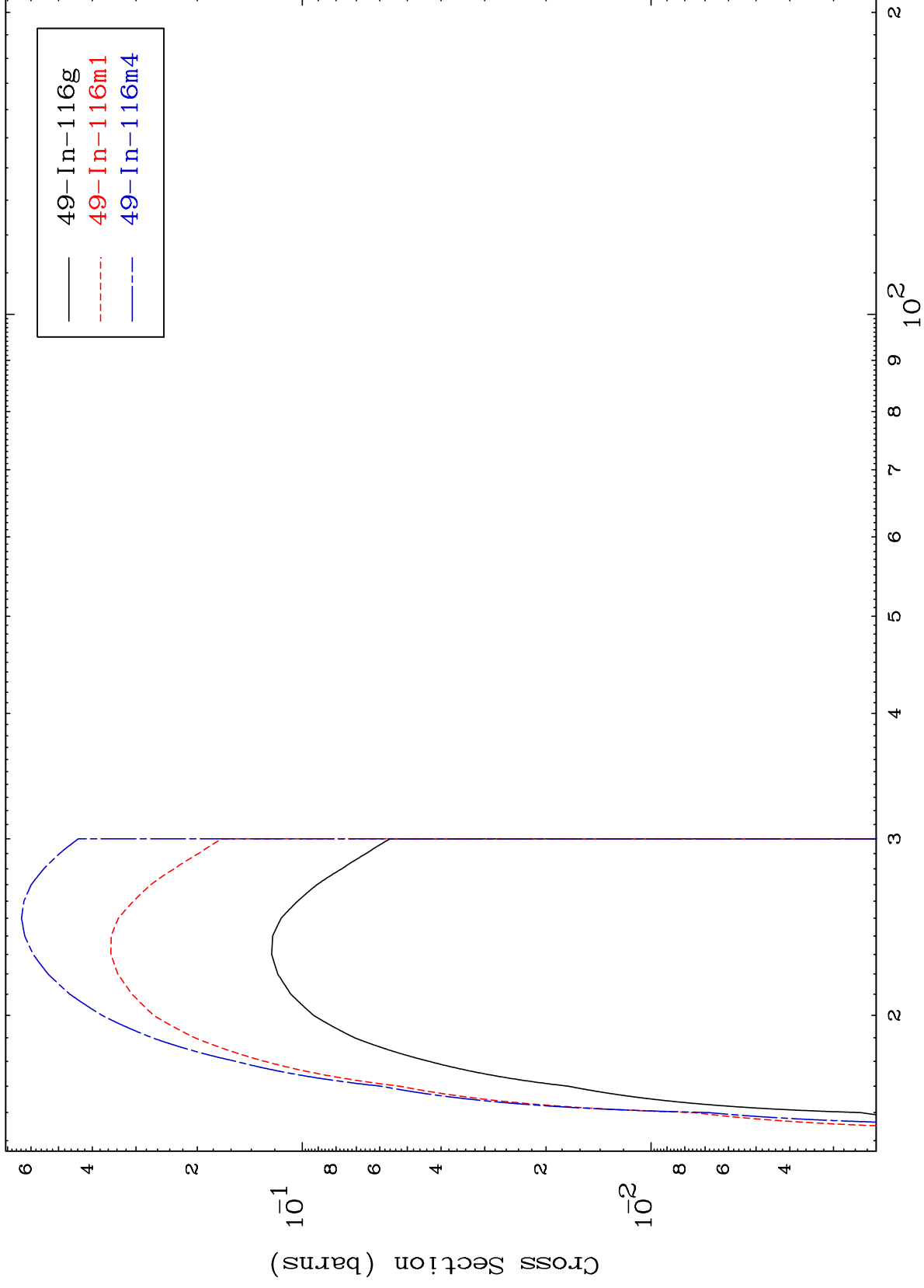


21

Incident Energy (MeV)

49-In-118

Radionuclide Production Cross Section

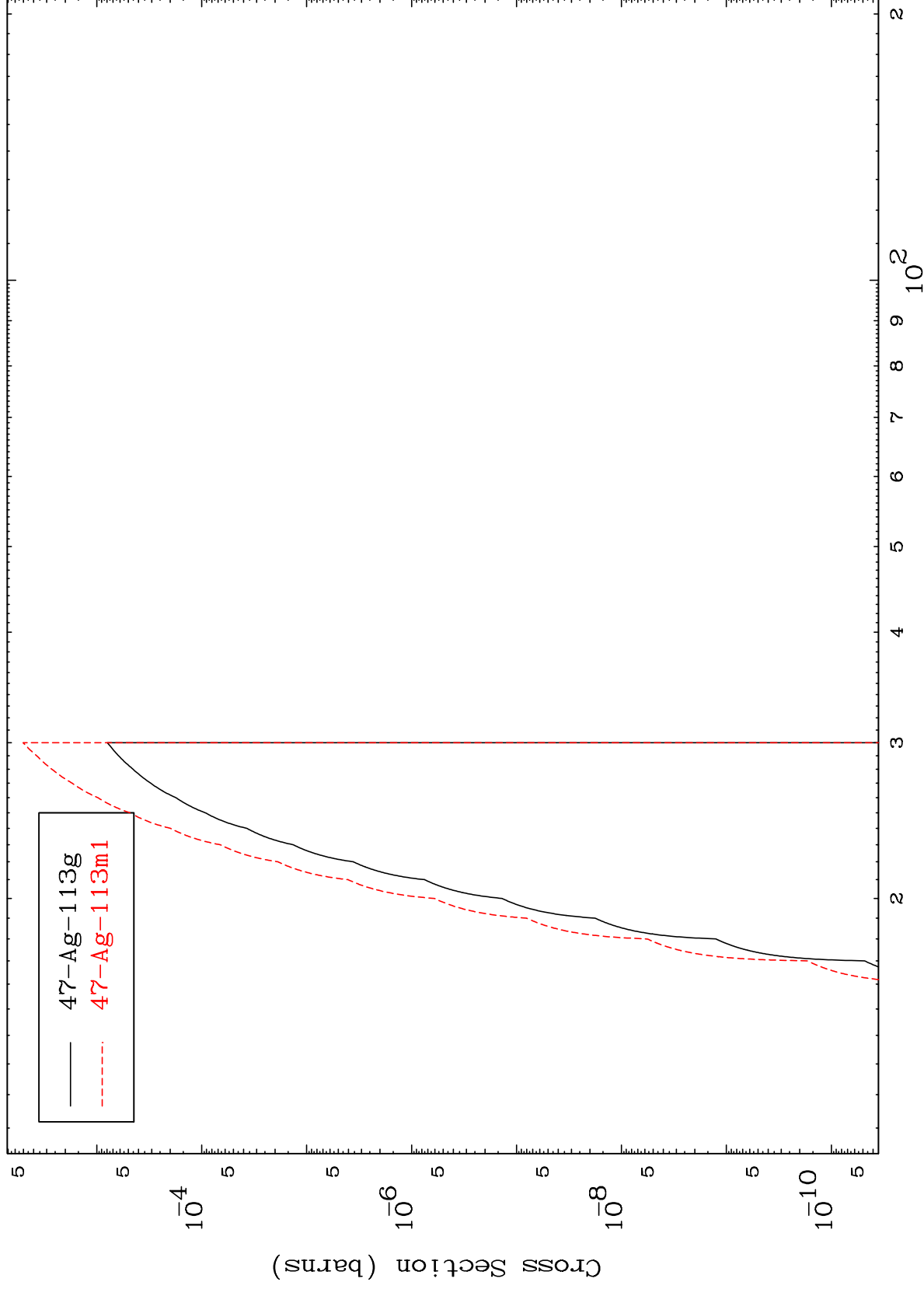


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49-In-118

(n,2n) α

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-118

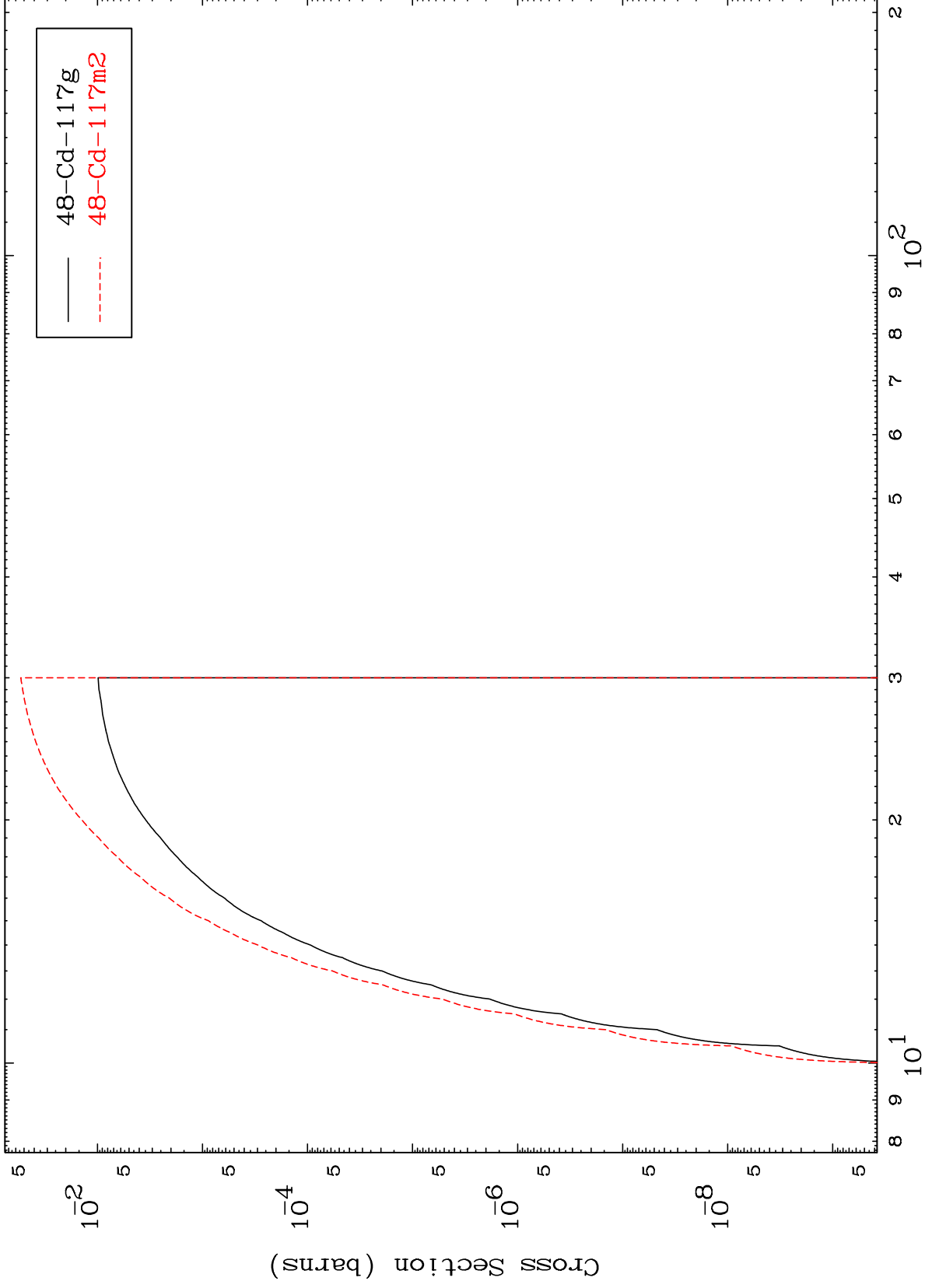
23

MAT 4941

(n,n') p

49-In-118

Radionuclide Production Cross Section

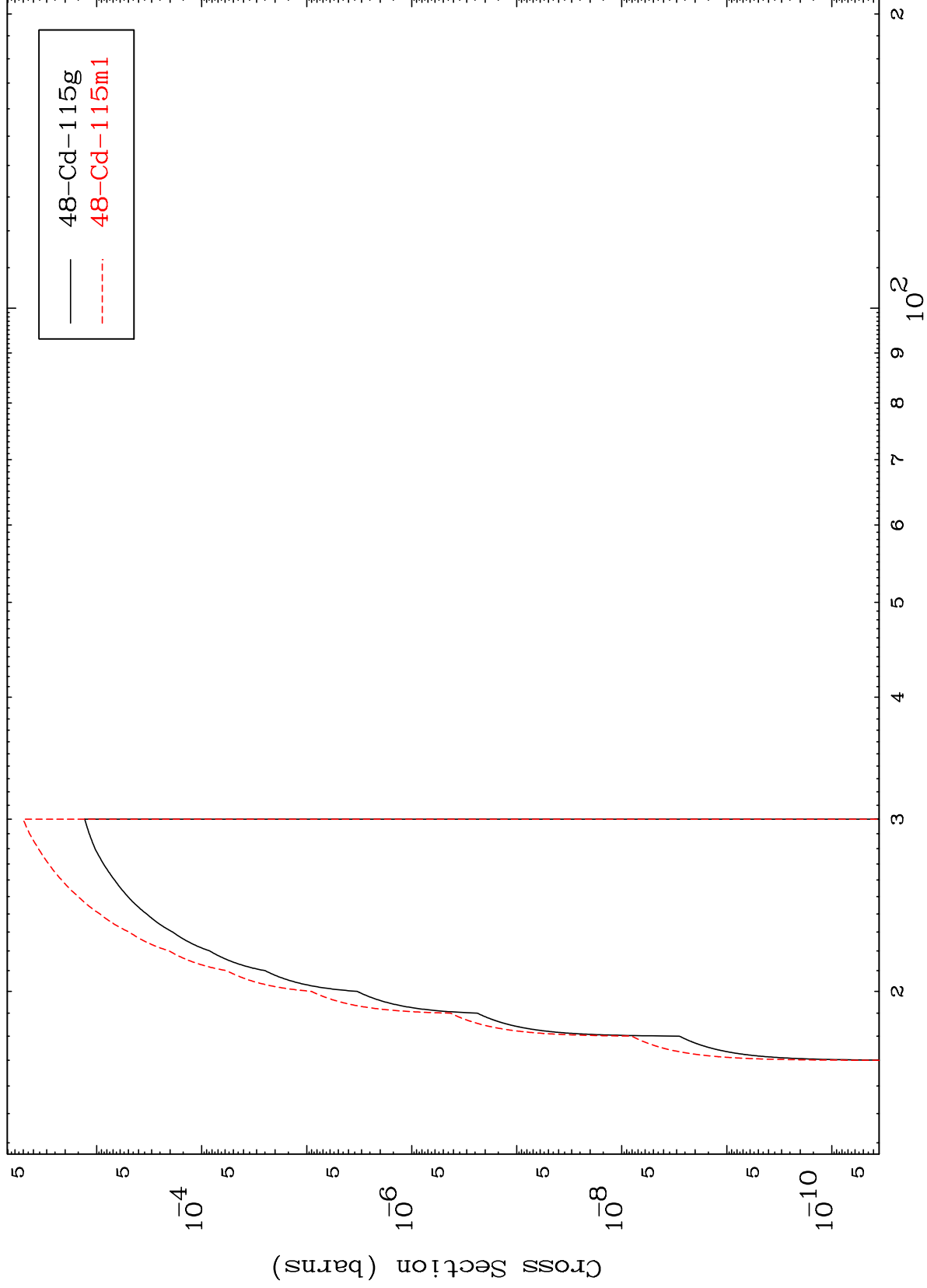


24

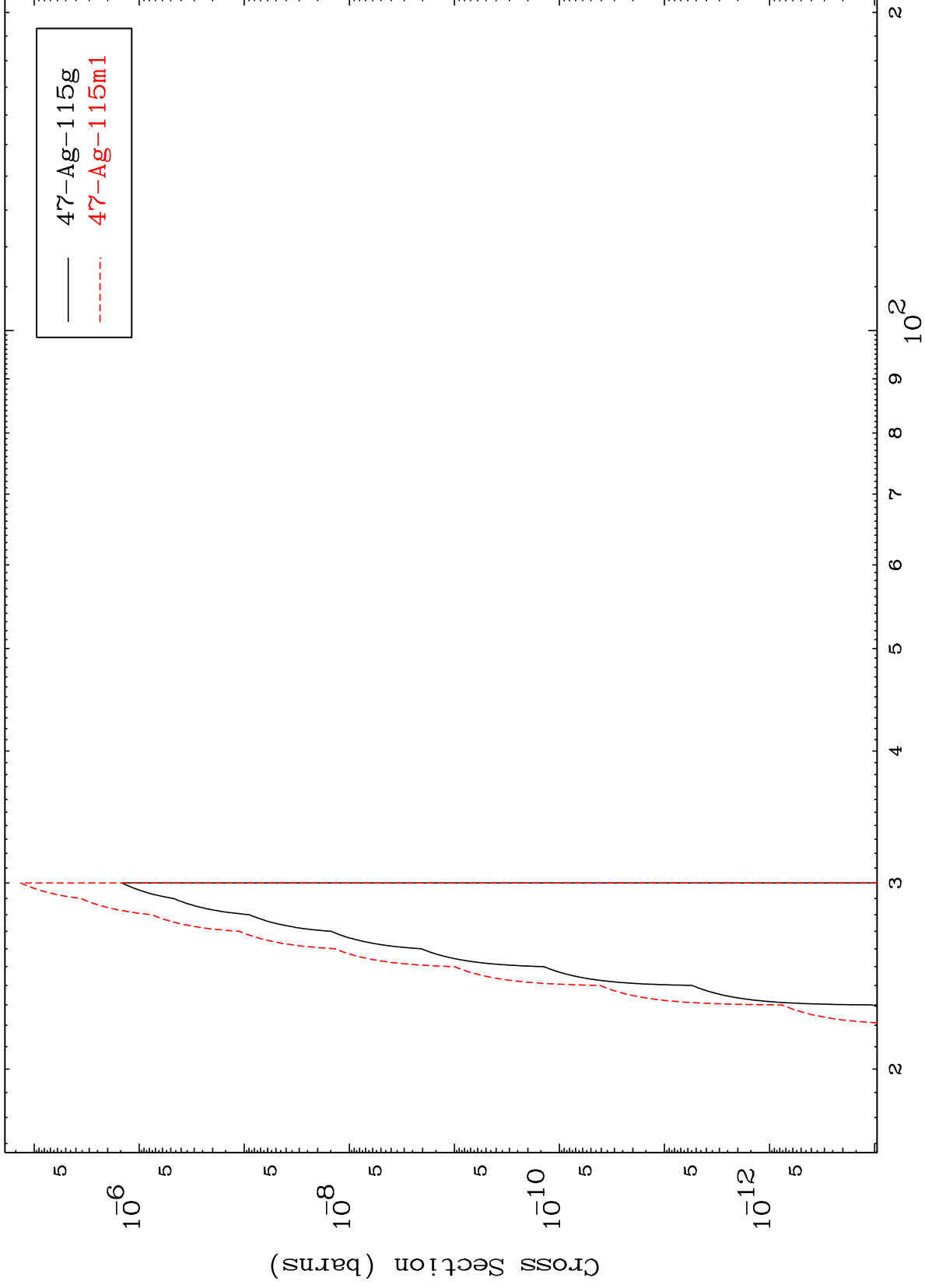
Incident Energy (MeV)

49-In-118

Radionuclide Production Cross Section



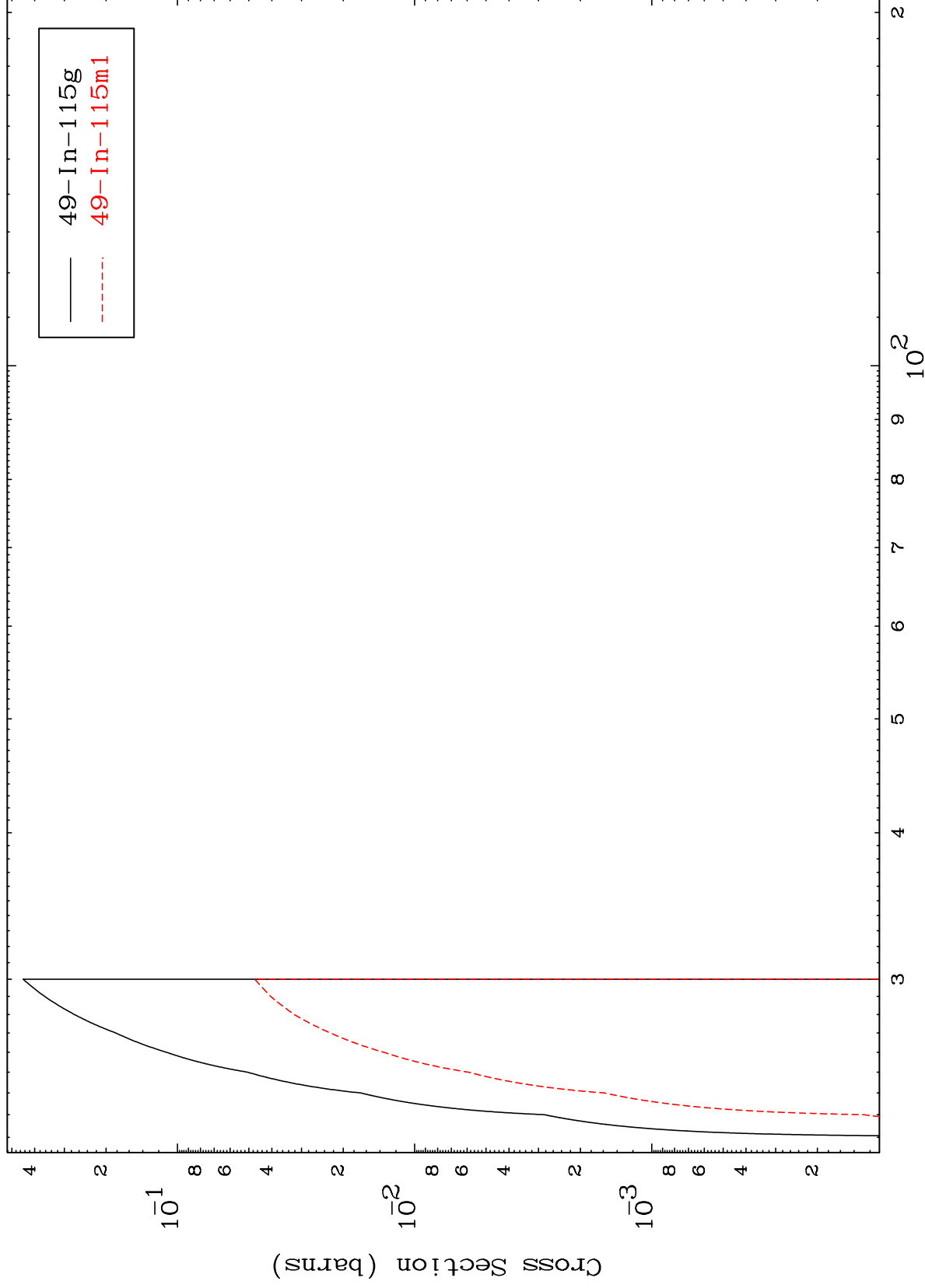
Radionuclide Production Cross Section



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49-In-118

(n,4n)
Radionuclide Production Cross Section

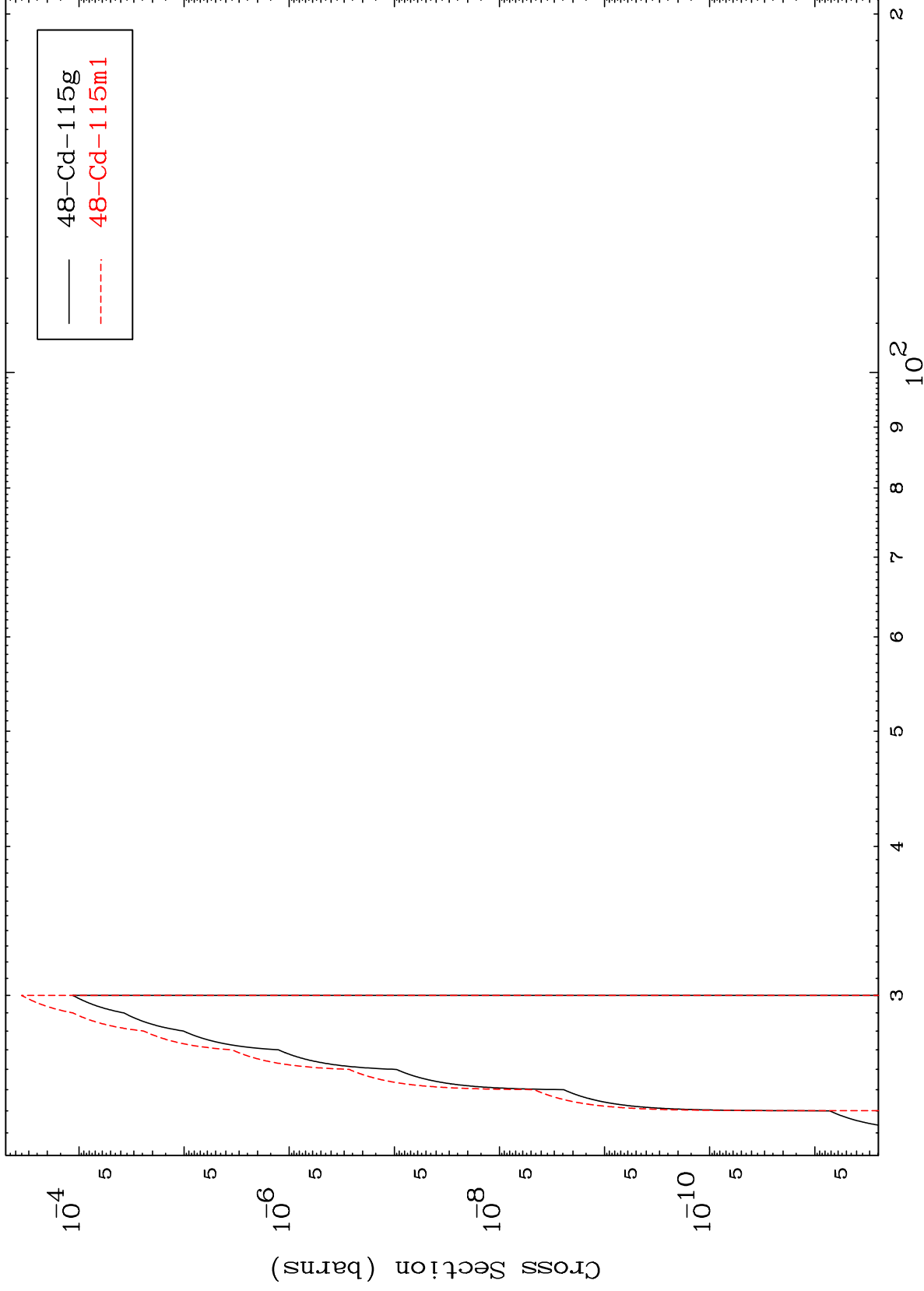


27

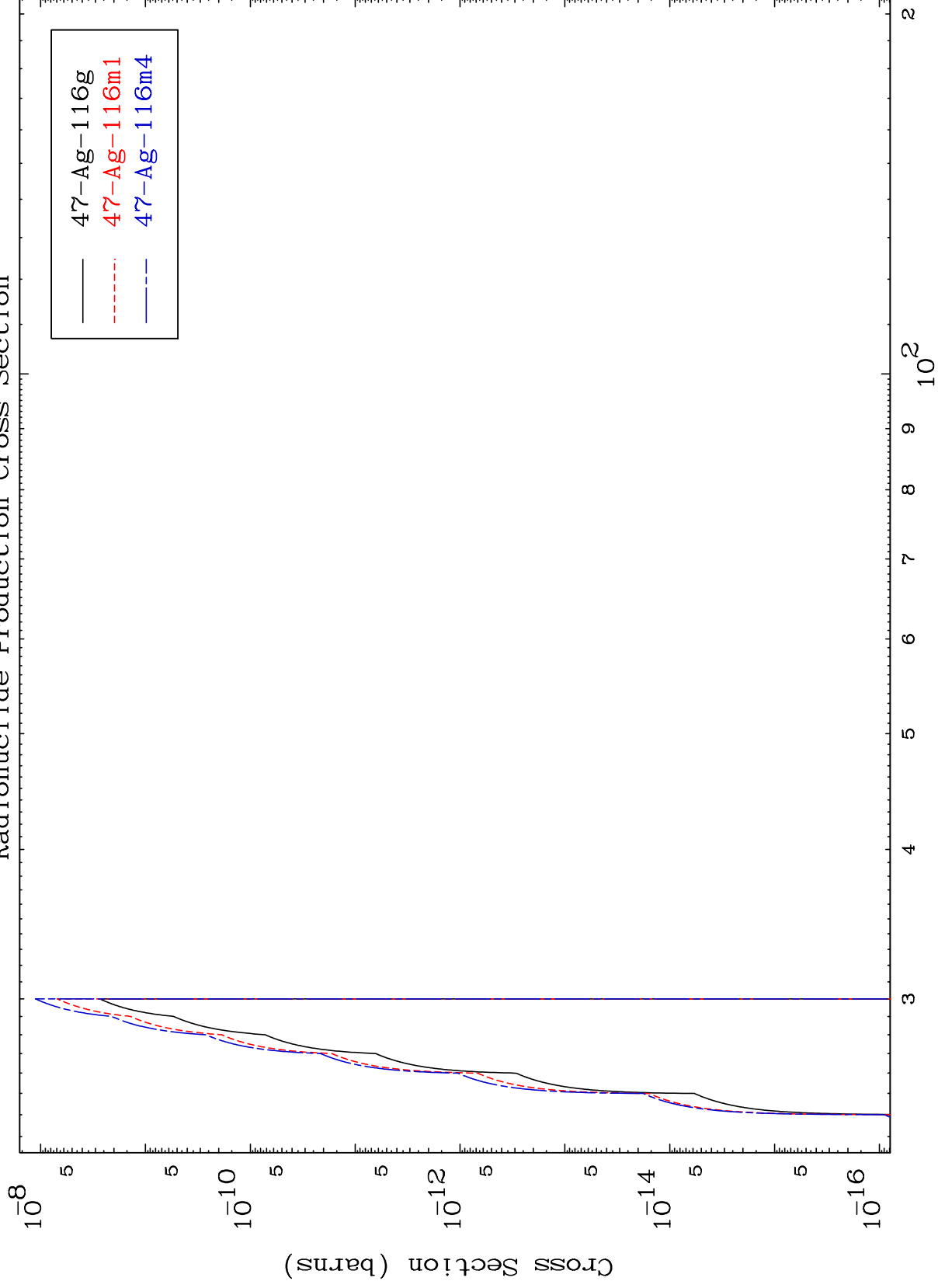
49-In-118

Incident Energy (MeV)

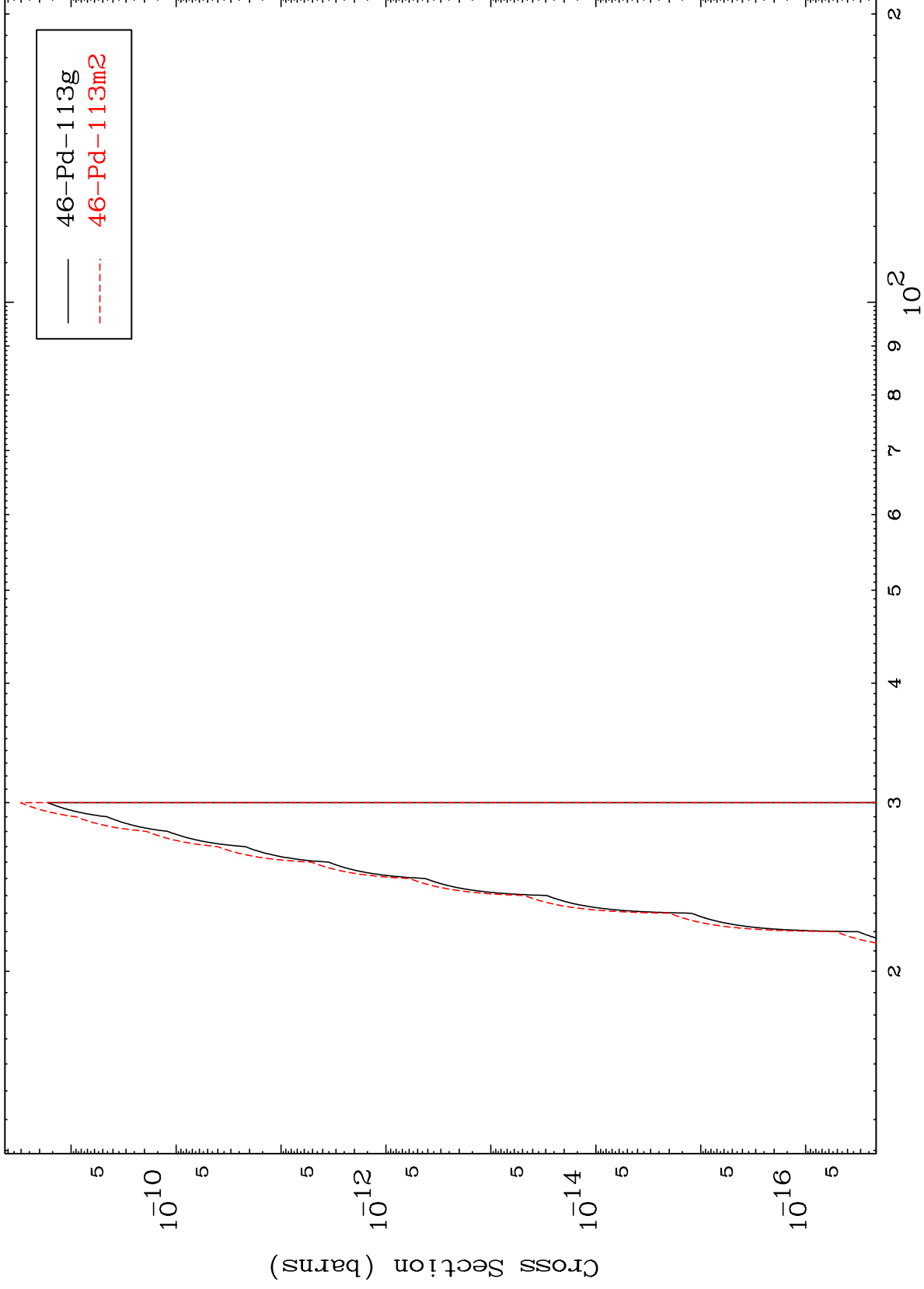
Radionuclide Production Cross Section



Radionuclide Production Cross Section



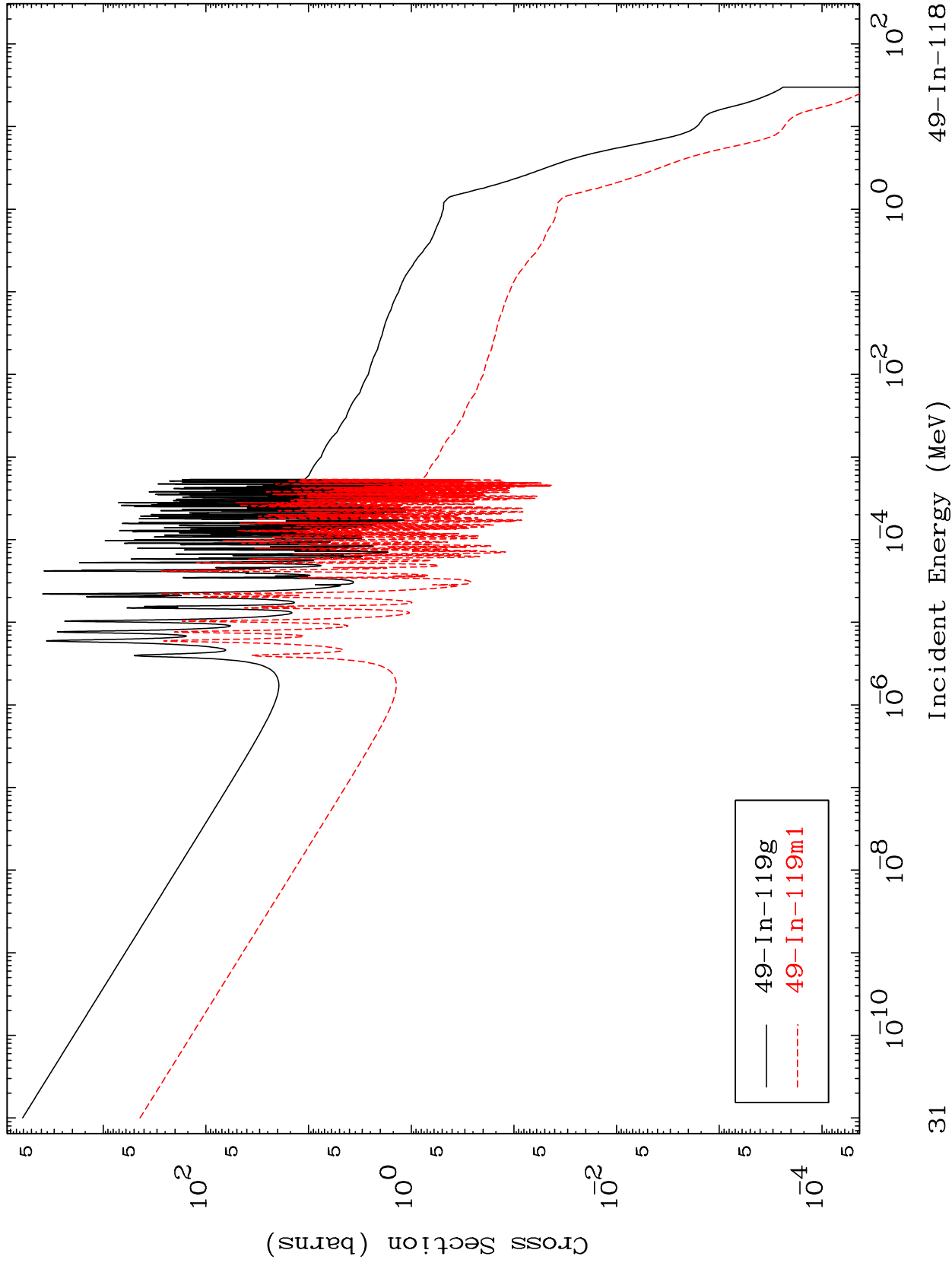
Radionuclide Production Cross Section



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49-In-118

(n,γ)
Radionuclide Production Cross Section



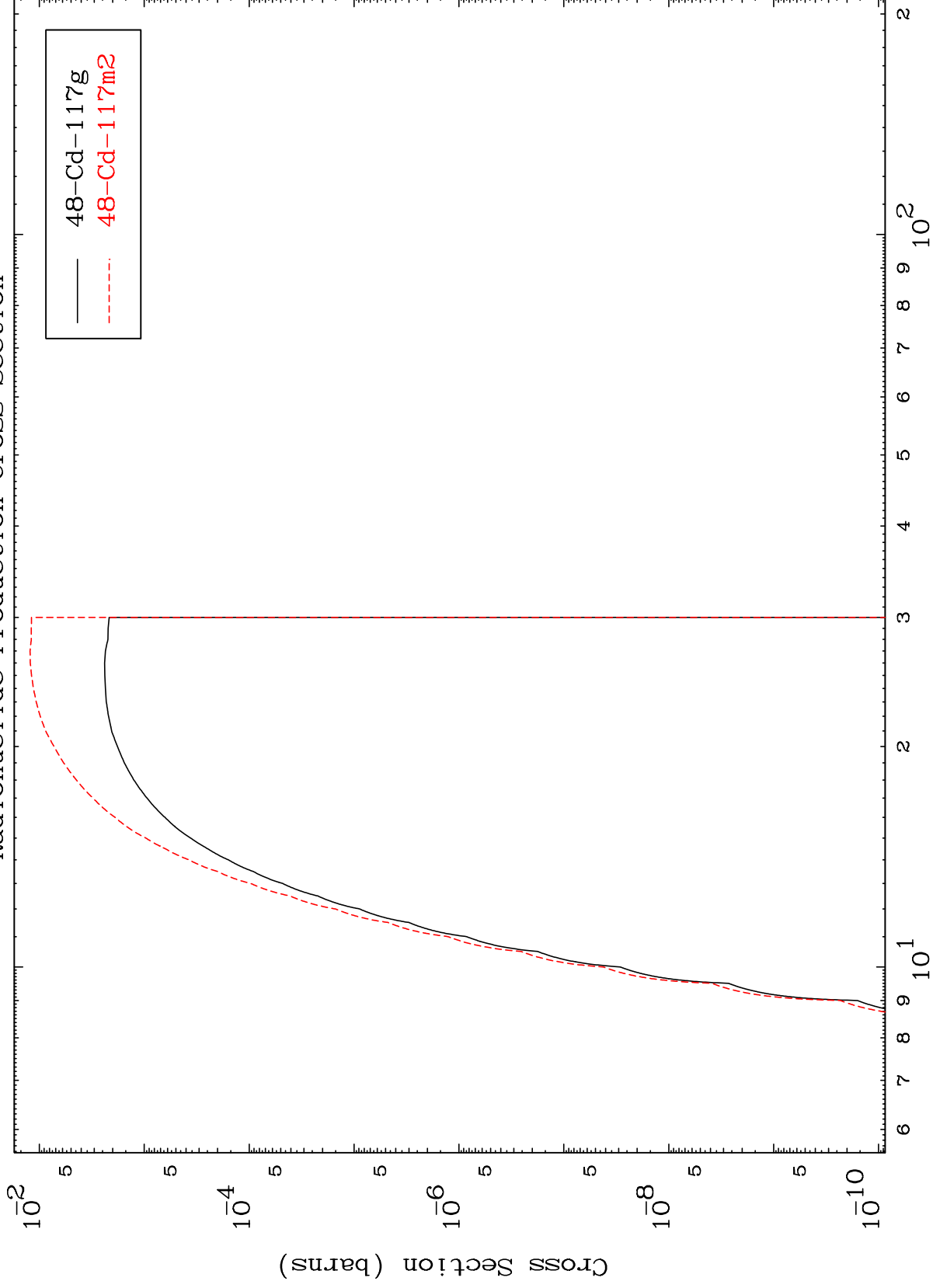
31

49-In-118

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49-In-118

(n,d)
Radionuclide Production Cross Section

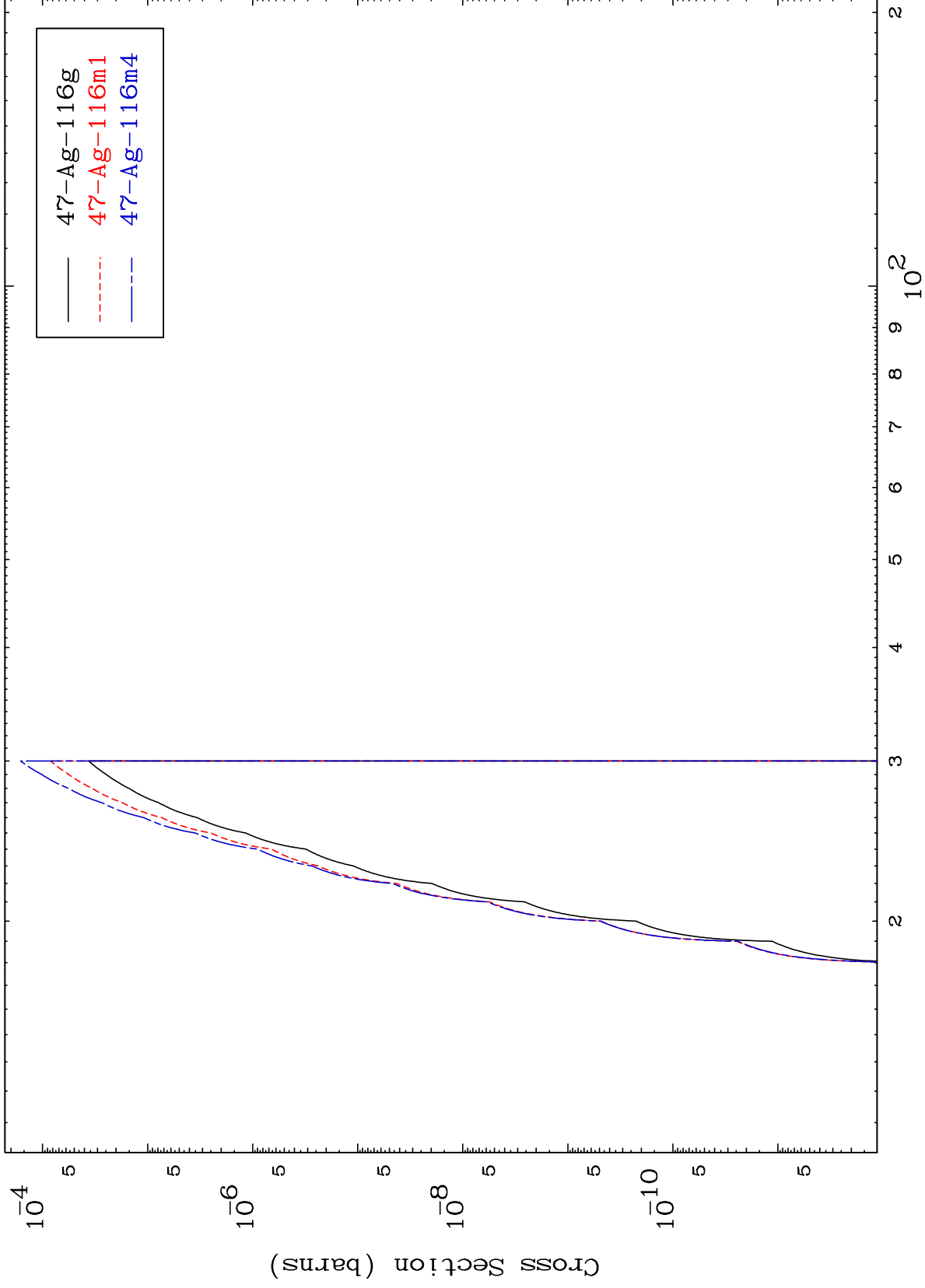


49-In-118

Incident Energy (MeV)

32

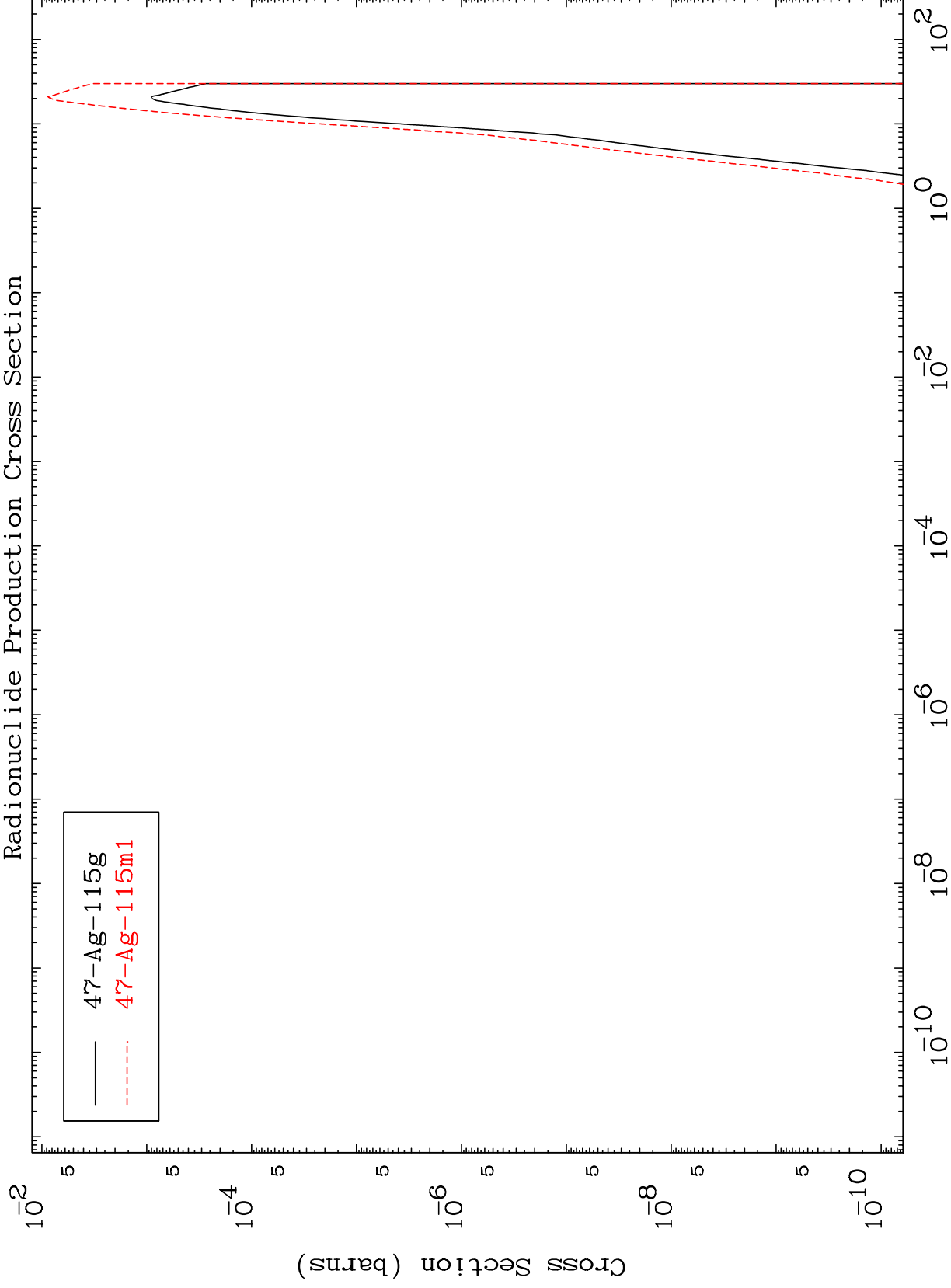
Radionuclide Production Cross Section



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49-In-118

Radionuclide Production Cross Section



Incident Energy (MeV)

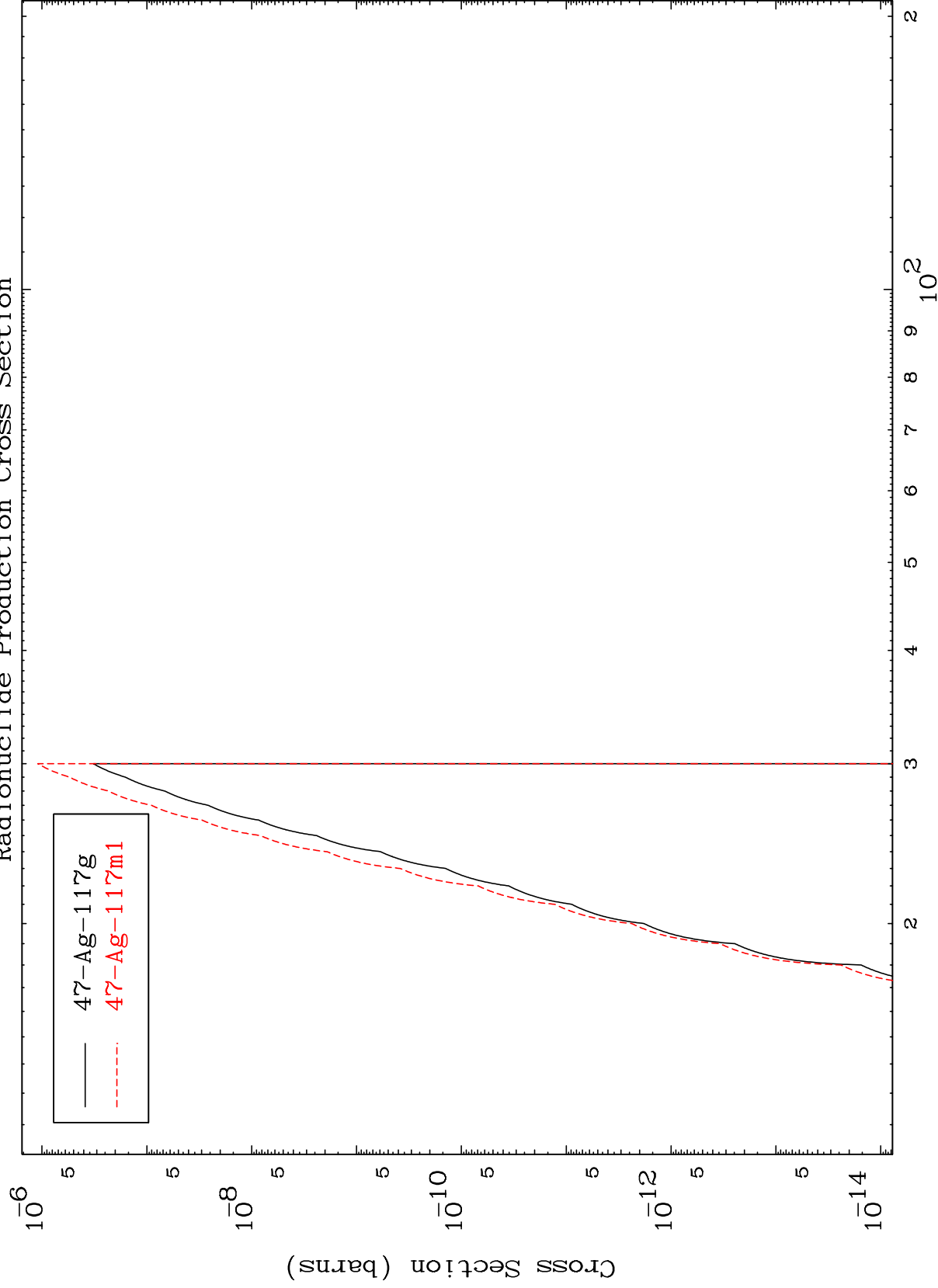
49-In-118

34

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49-In-118

(n,2p)
Radionuclide Production Cross Section

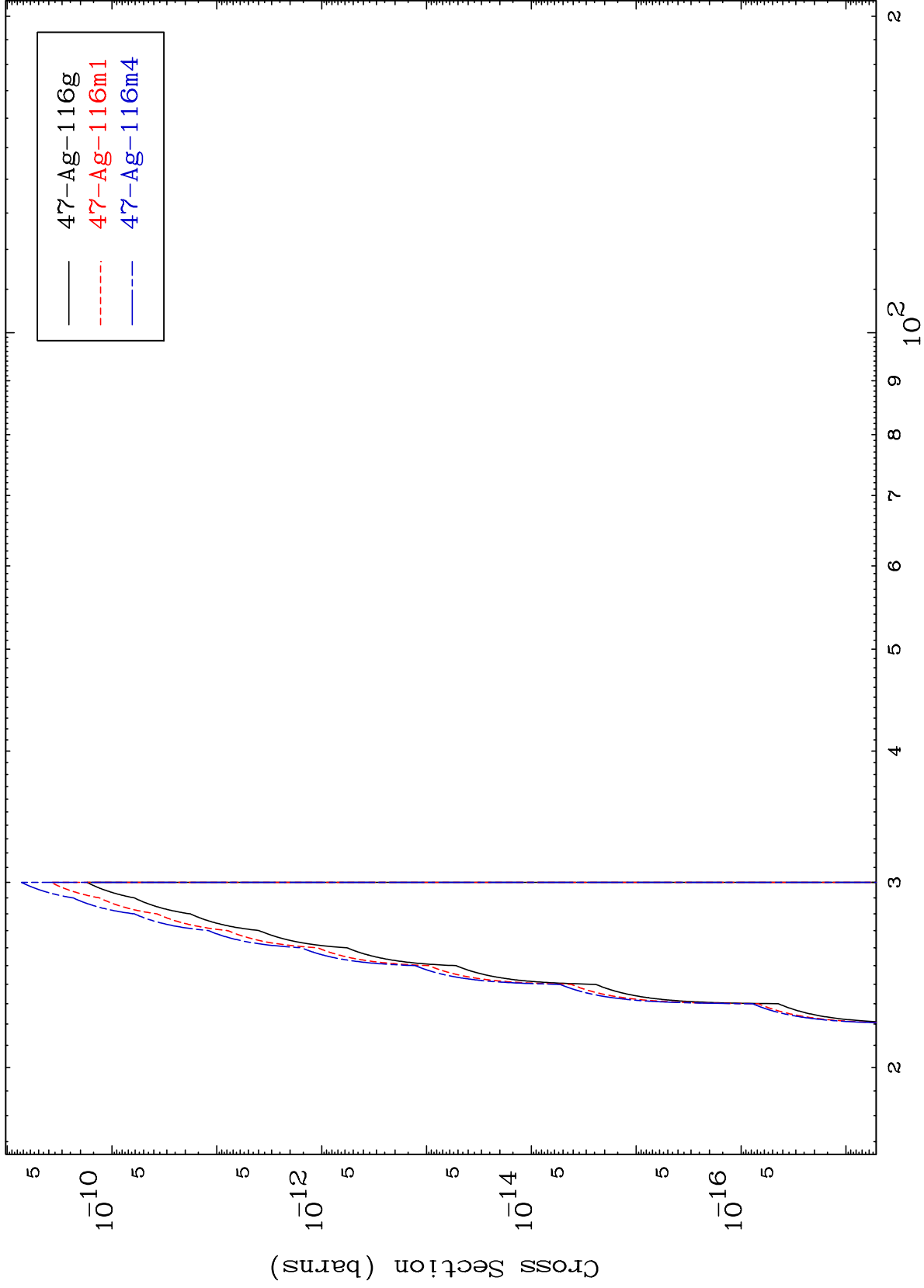


35

Incident Energy (MeV)

49-In-118

Radionuclide Production Cross Section

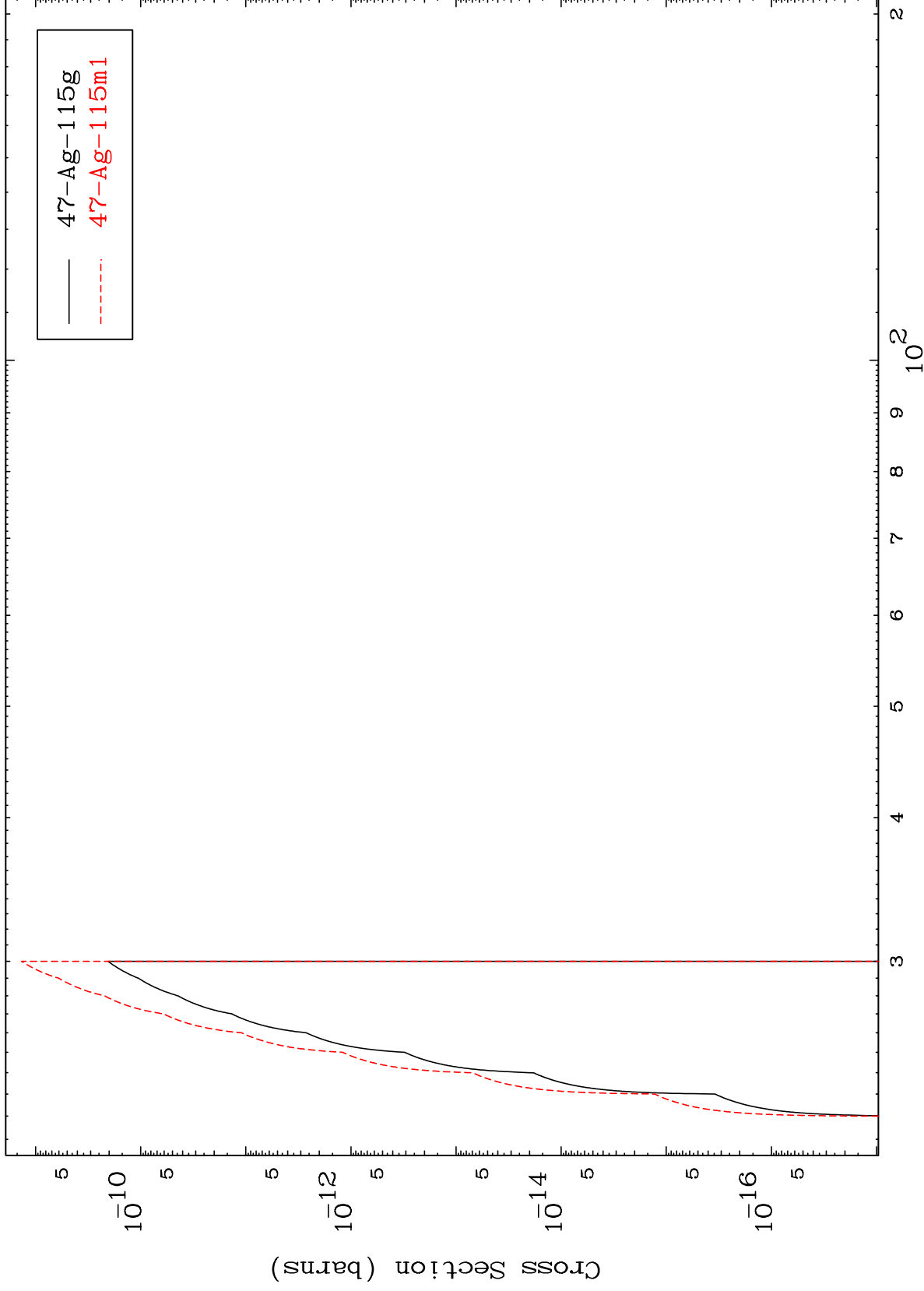


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(n,p) t

49-In-118

Radionuclide Production Cross Section



37

Incident Energy (MeV)

49-In-118