

Program EVALPLOT
(Version 2018-1)

by

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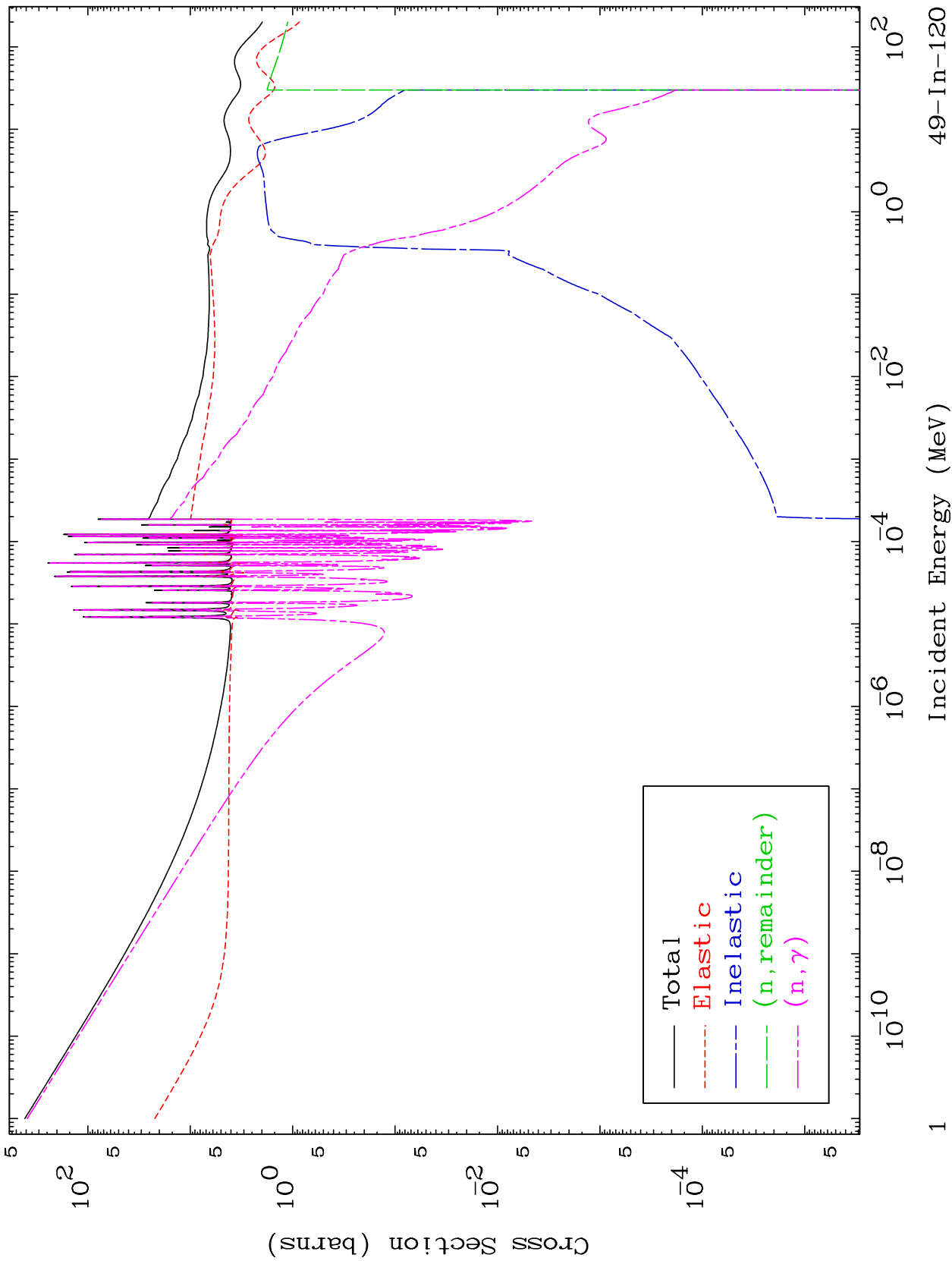
Press Mouse Button to Start

MAT 4947

Major

293 Kelvin Cross Sections

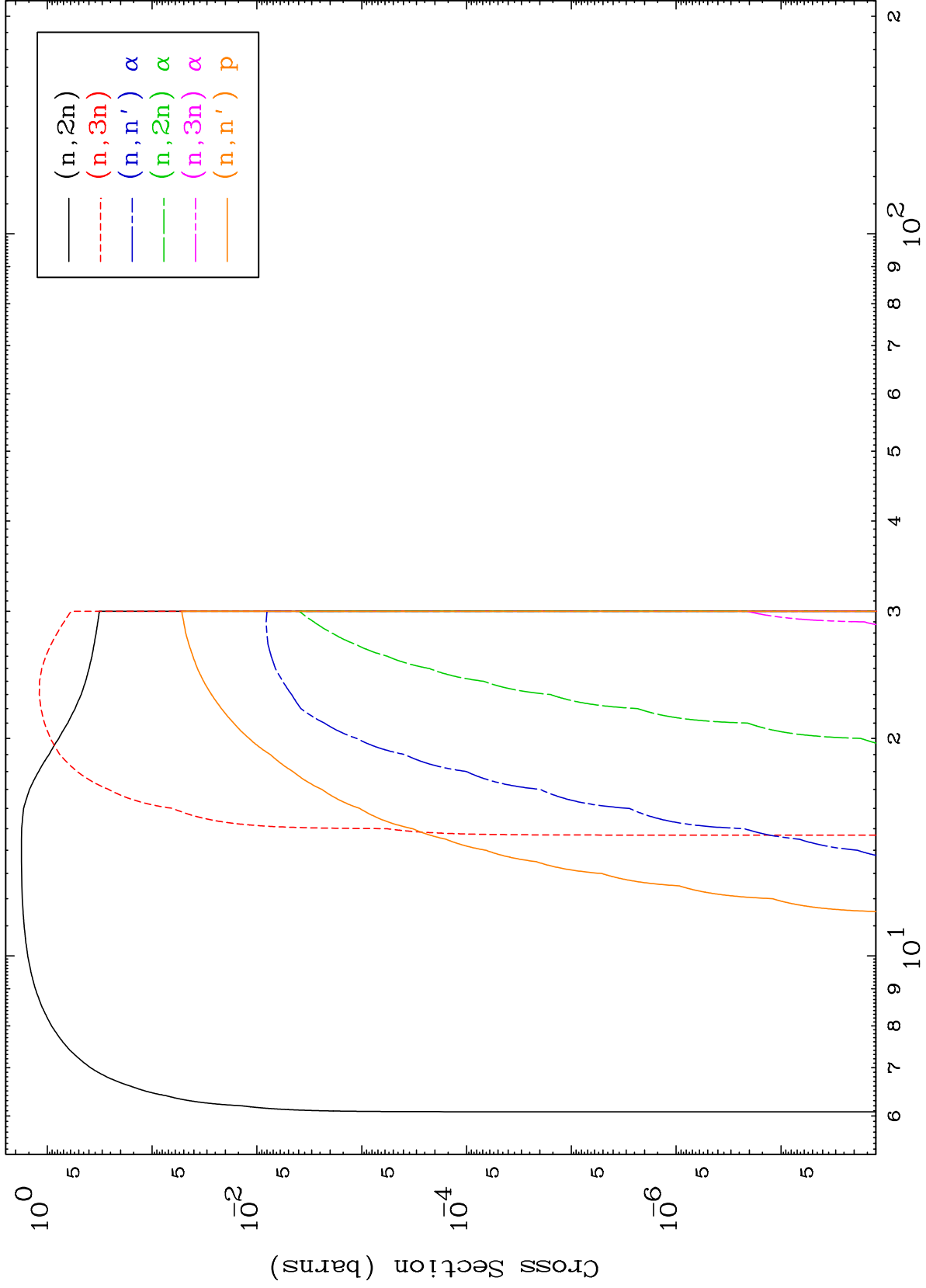
49-In-120

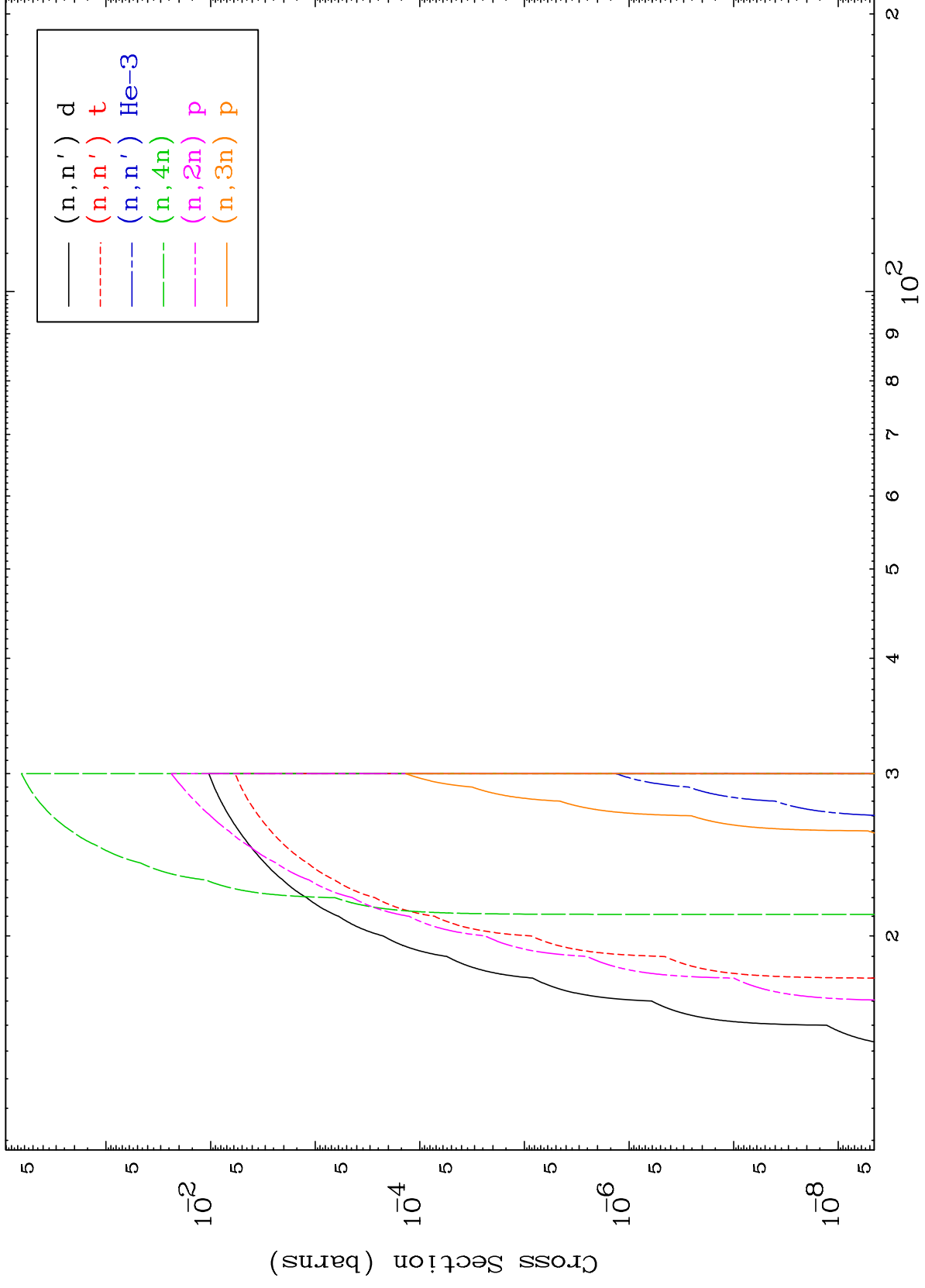


MAT 4947

Neutron Production
293 Kelvin Cross Sections

49-In-120

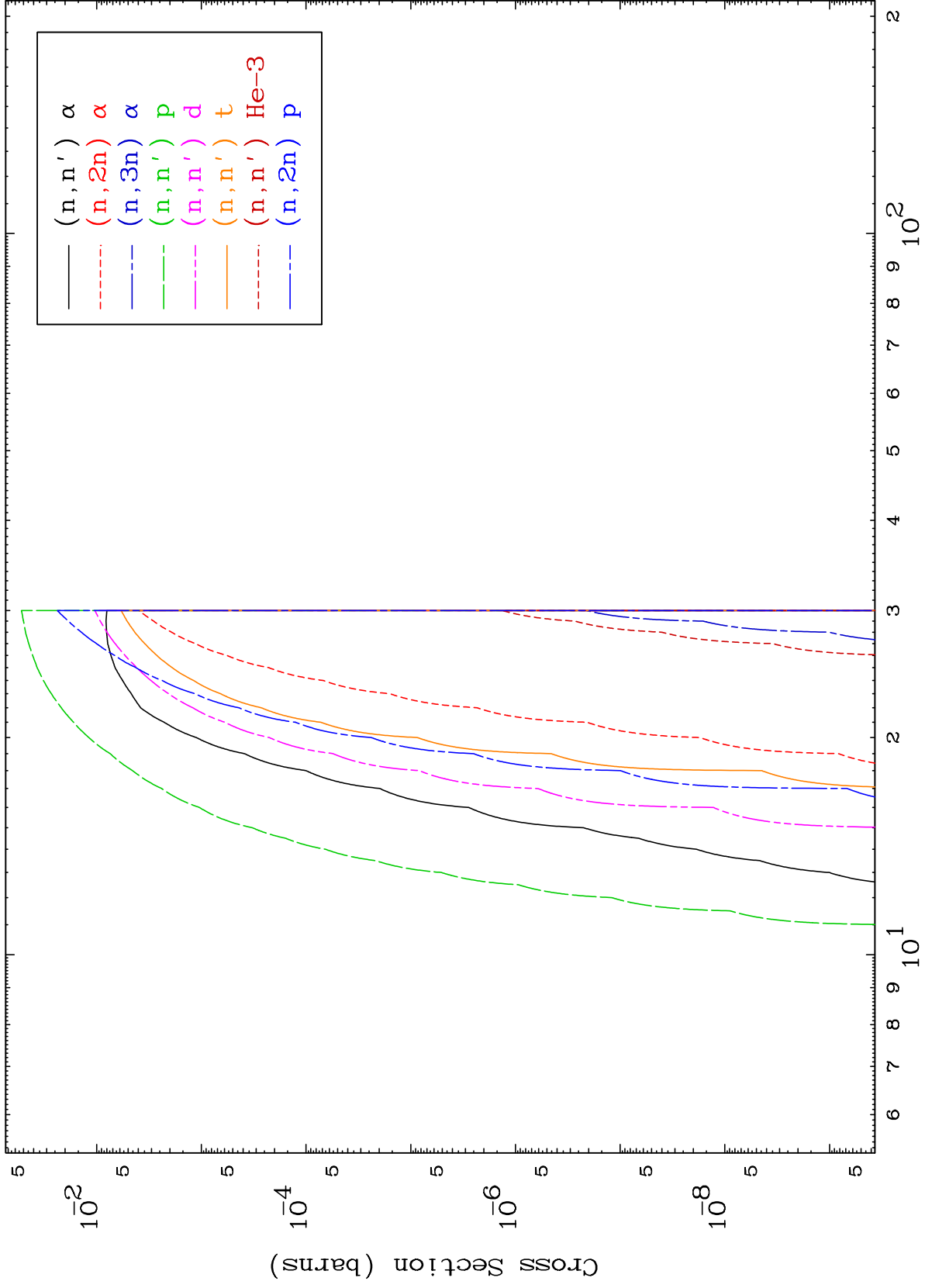




MAT 4947

Charged Particle
293 Kelvin Cross Sections

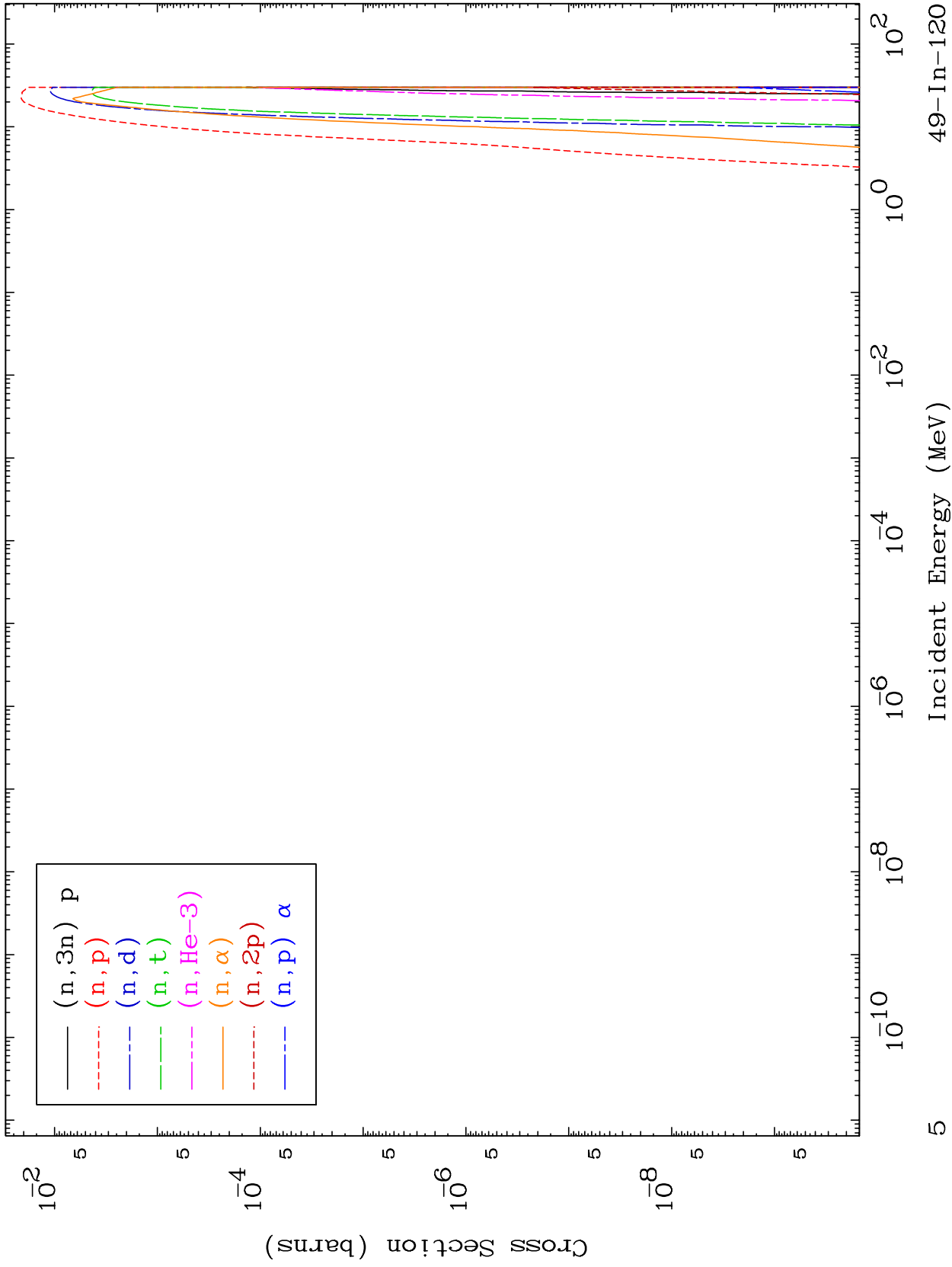
49-In-120



MAT 4947

Charged Particle
293 Kelvin Cross Sections

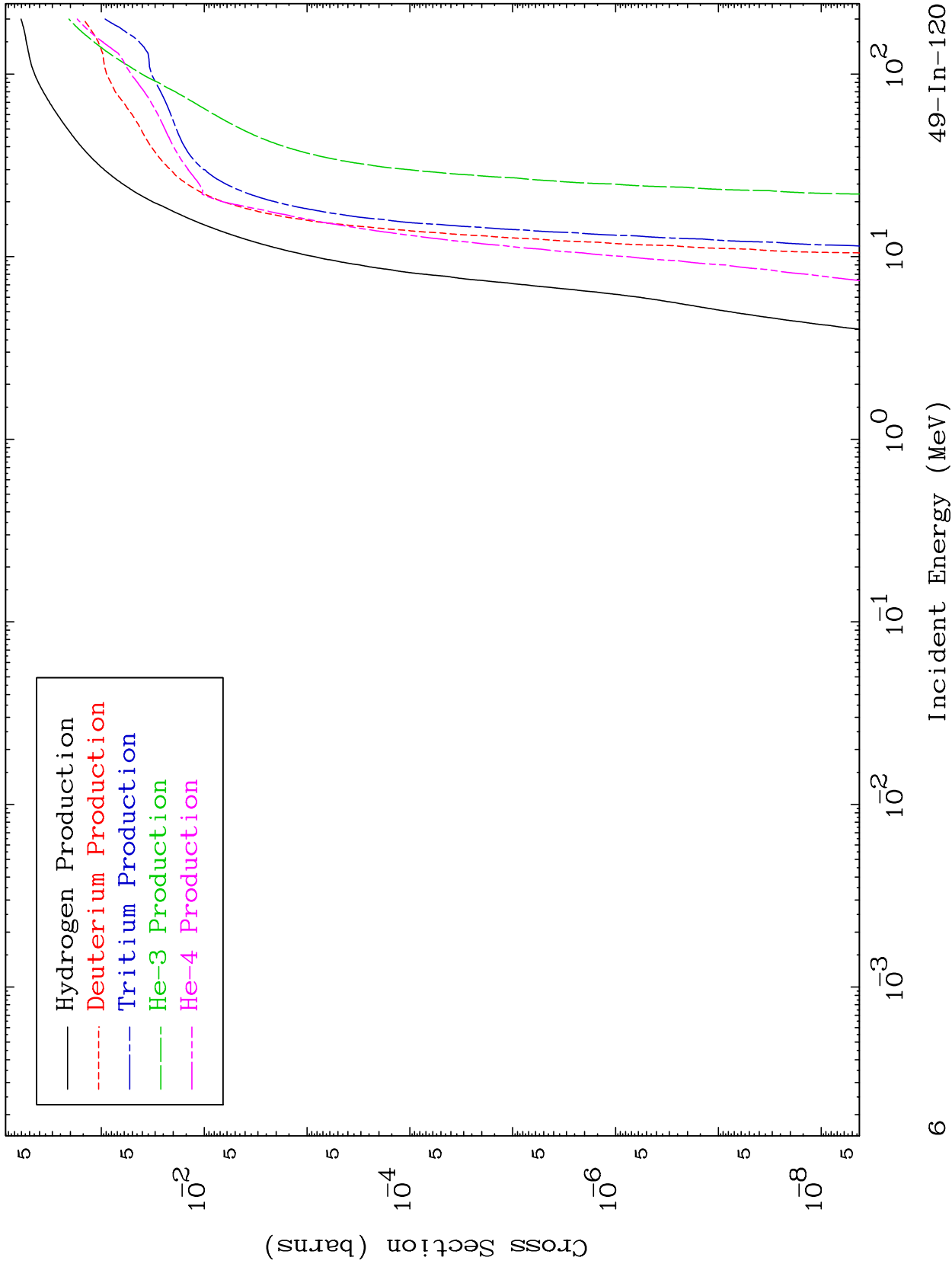
49-In-120



MAT 4947

Particle Production
293 Kelvin Cross Sections

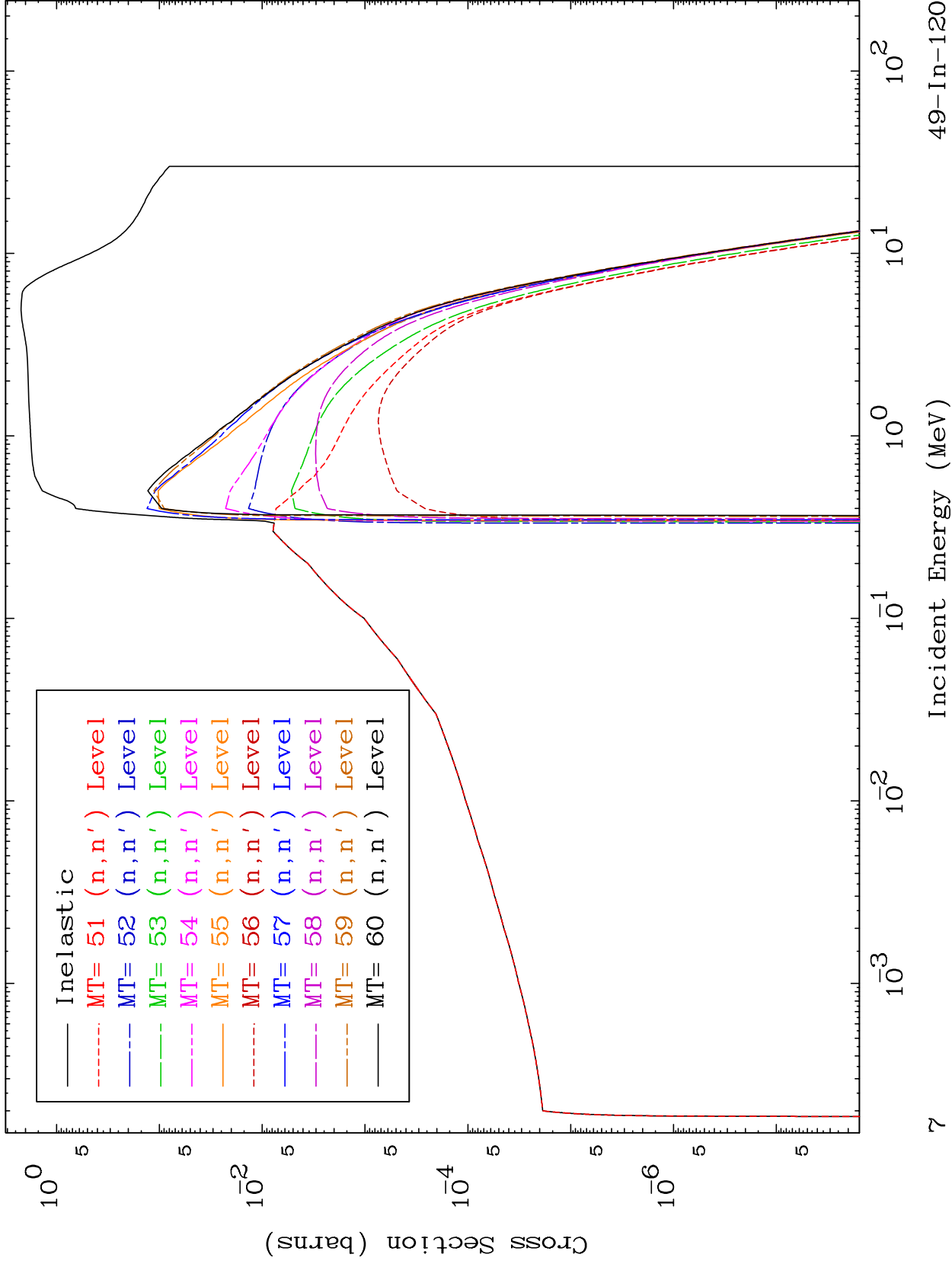
49-In-120



MAT 4947

293 Kelvin Cross Sections

49-In-120

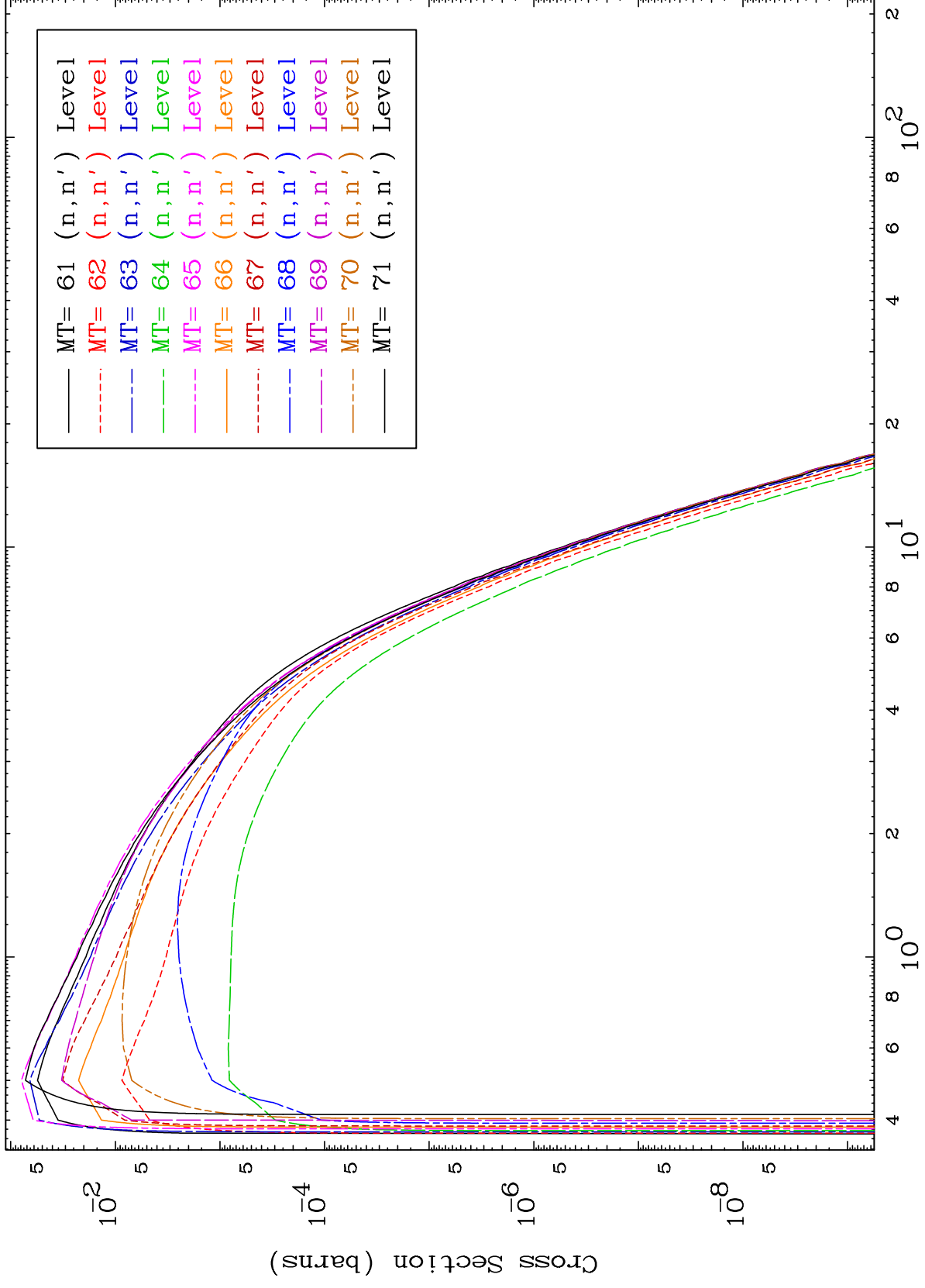


MAT 4947

(n,n') Level

293 Kelvin Cross Sections

49-In-120



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Incident Energy (MeV)

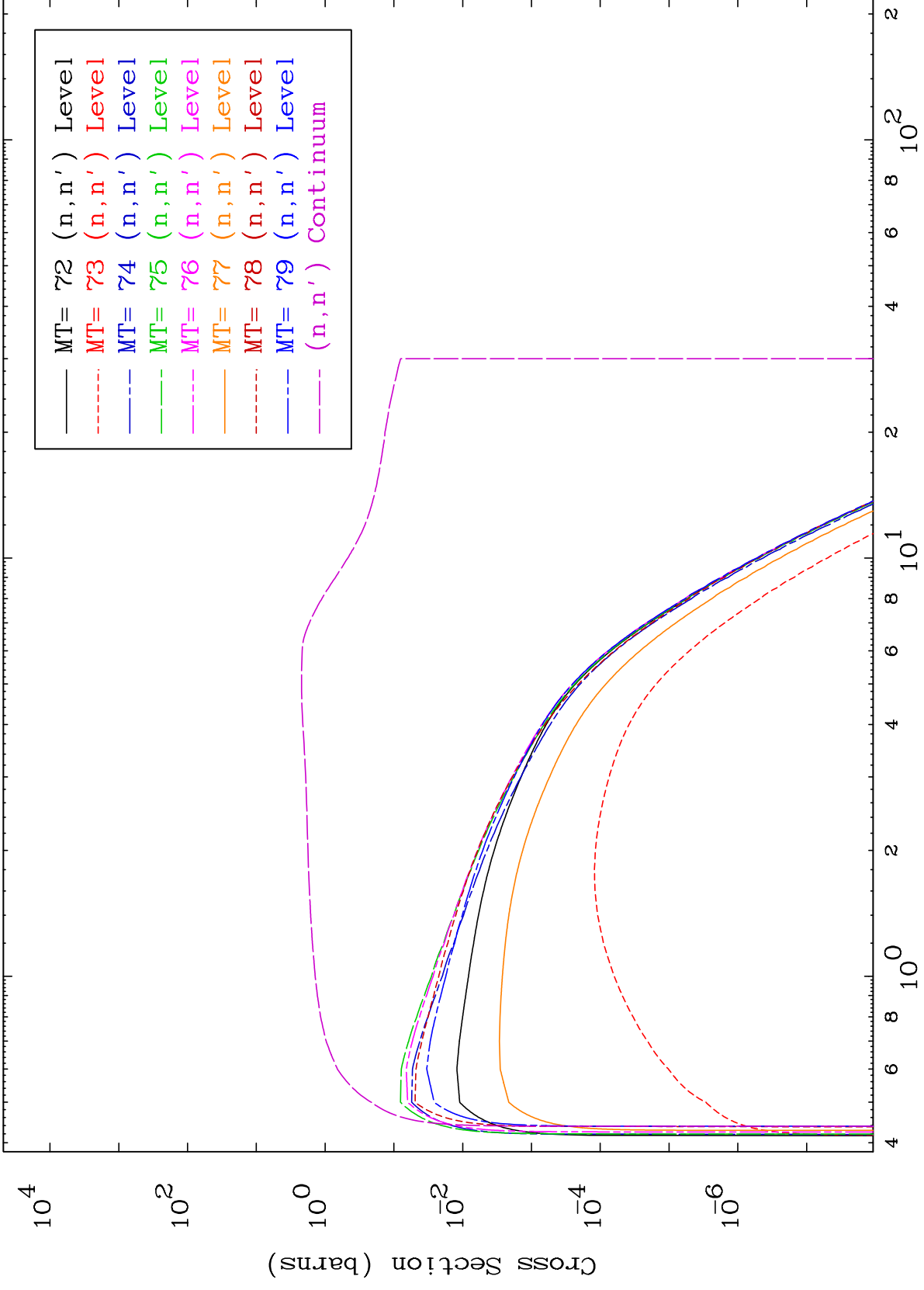
49-In-120

MAT 4947

(n,n') Level

49-In-120

293 Kelvin Cross Sections



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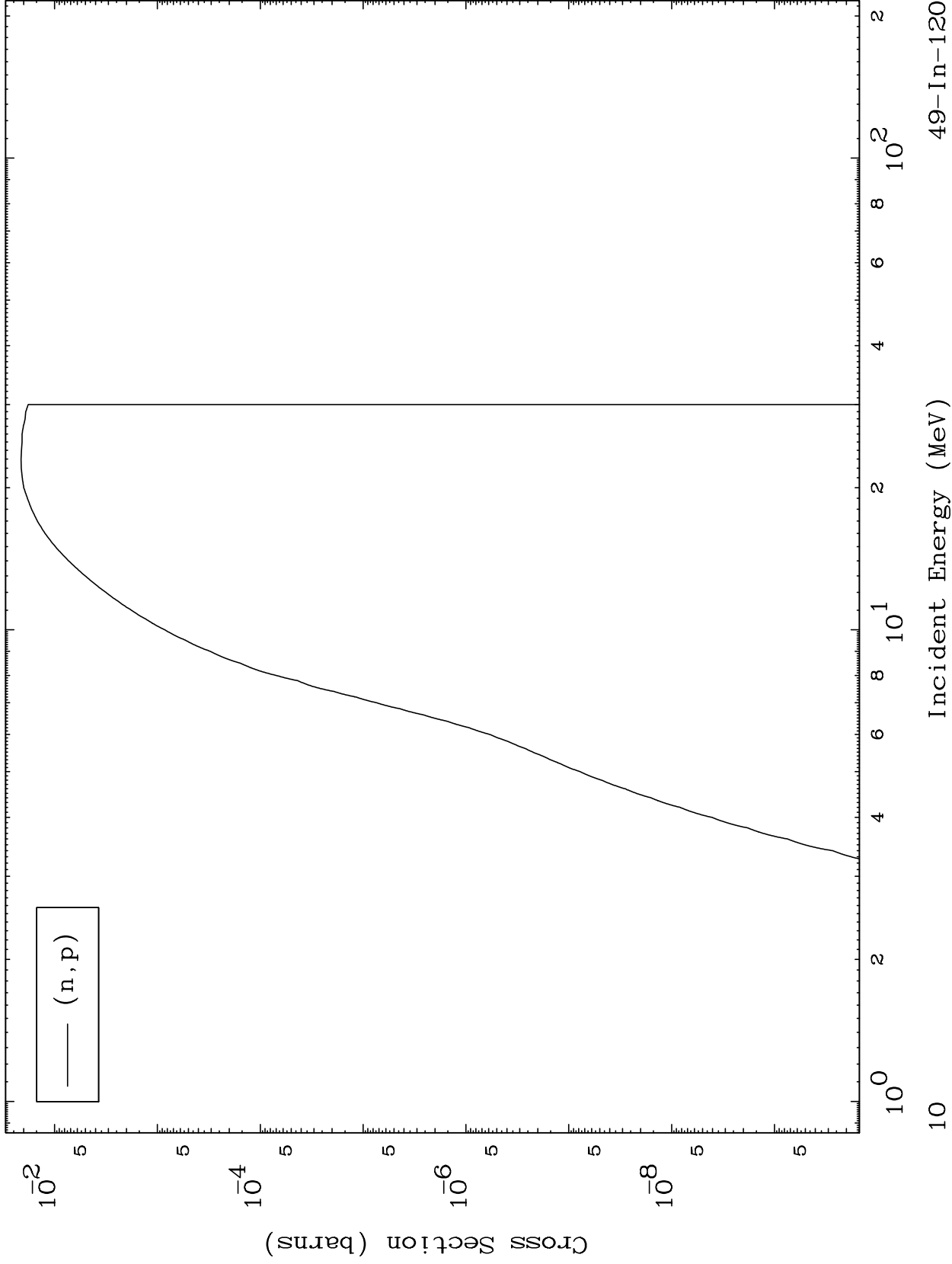
Incident Energy (MeV)

49-In-120

MAT 4947

(n,p) Levels
293 Kelvin Cross Sections

49-In-120



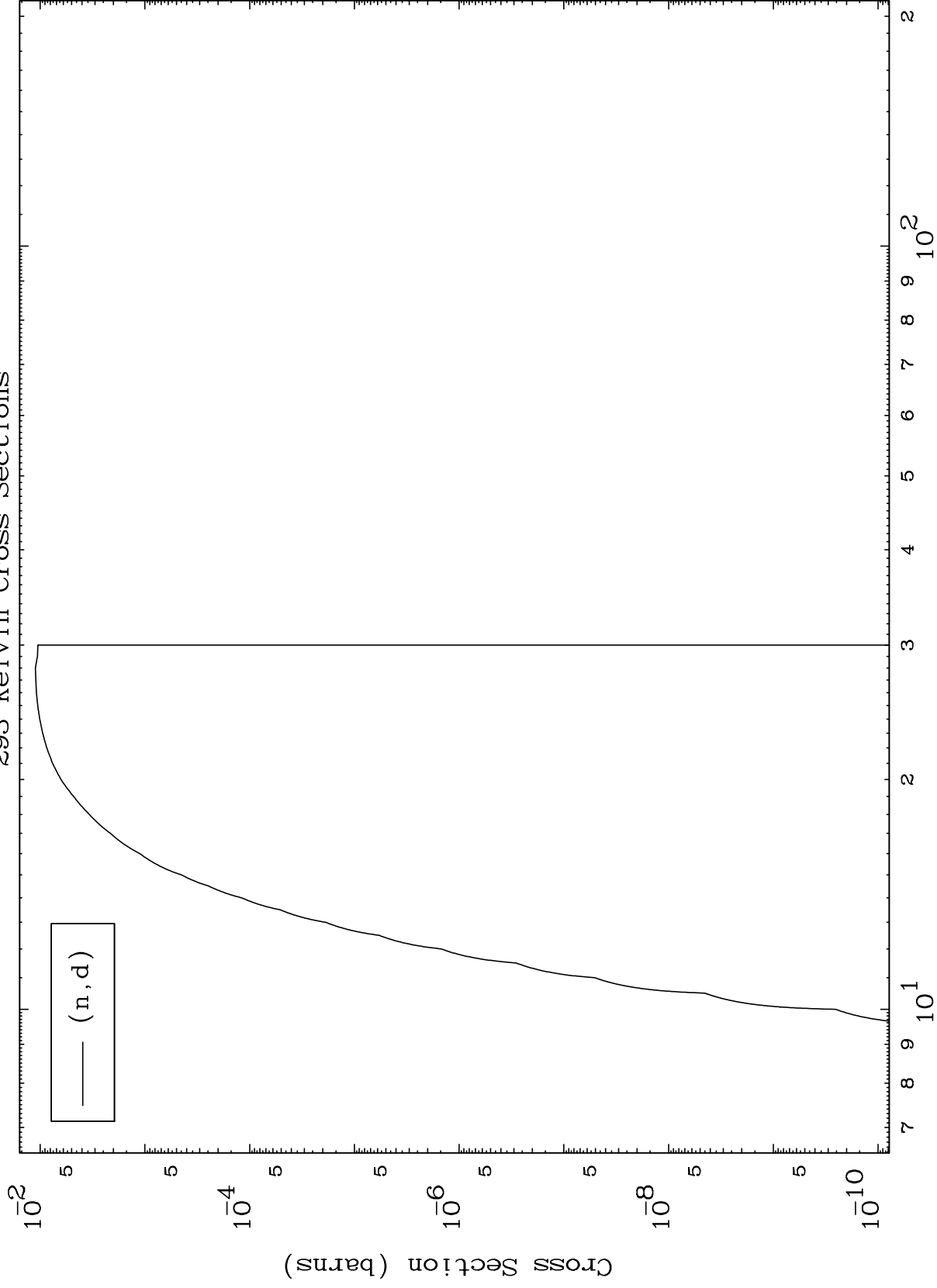
Incident Energy (MeV)

49-In-120

MAT 4947

(n,d) Levels
293 Kelvin Cross Sections

49-In-120



11

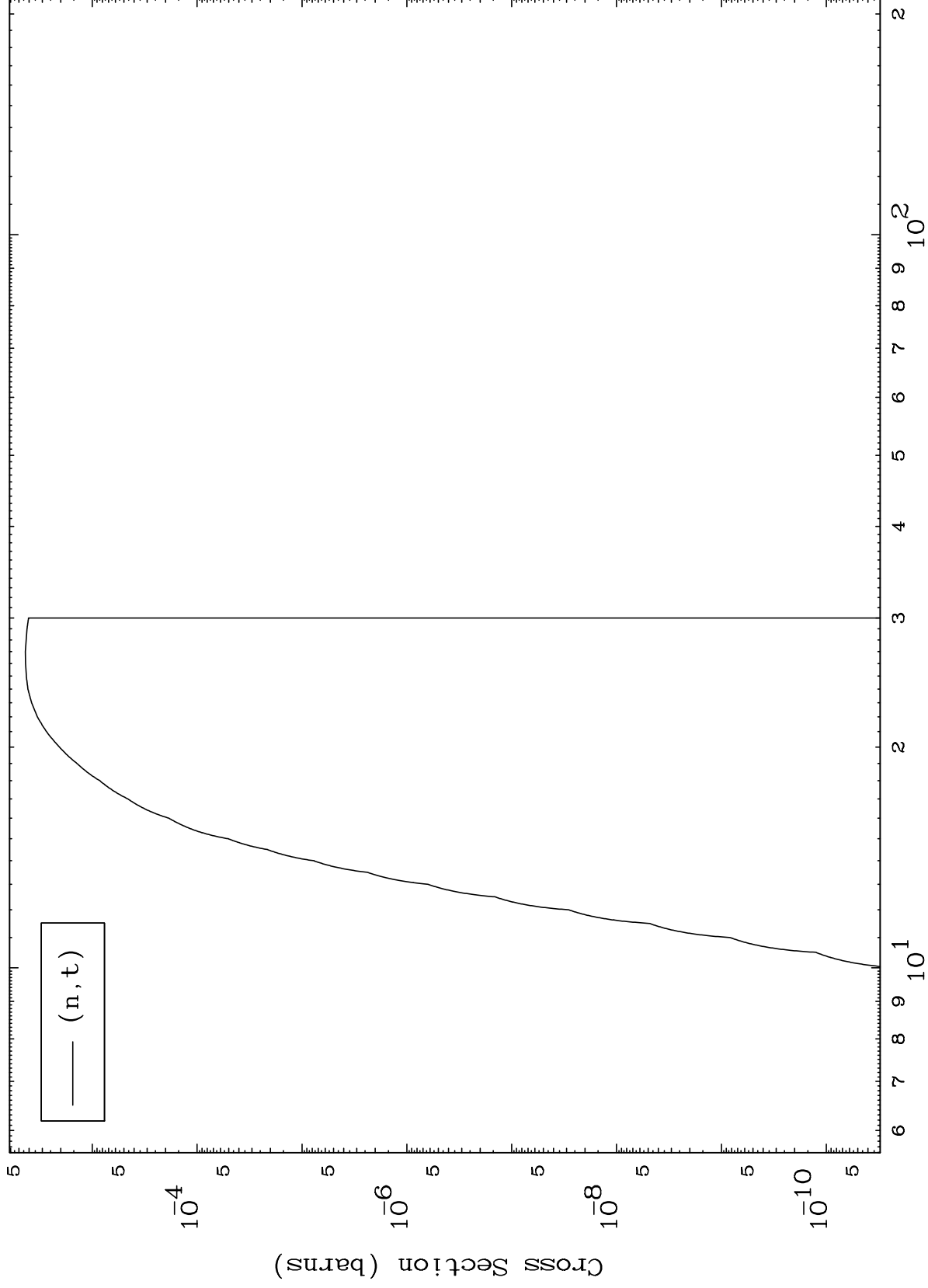
Incident Energy (MeV)

49-In-120

MAT 4947

(n, t) Levels
293 Kelvin Cross Sections

49-In-120



12

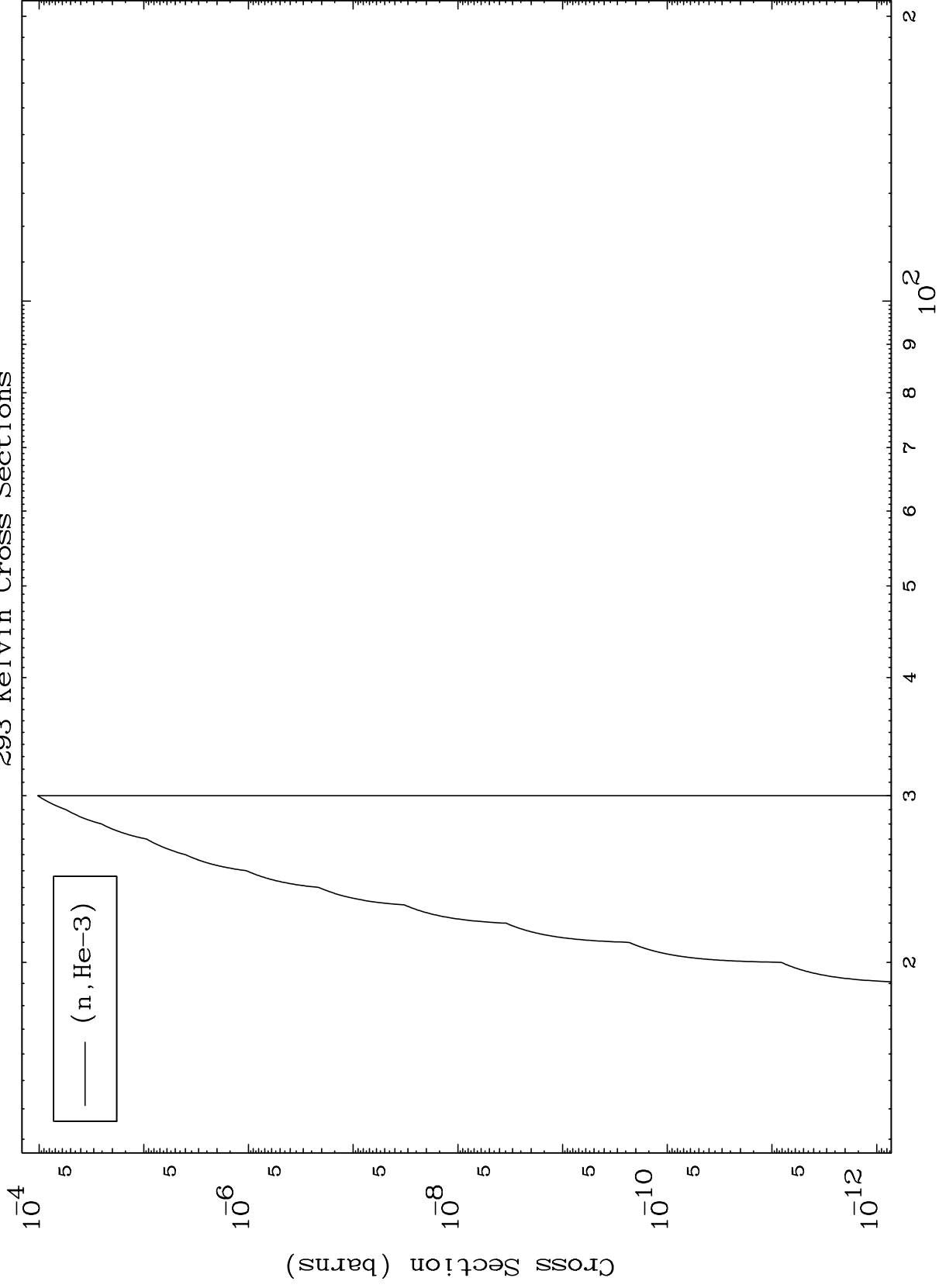
Incident Energy (MeV)

49-In-120

MAT 4947

(n,He3) Levels
293 Kelvin Cross Sections

49-In-120



13

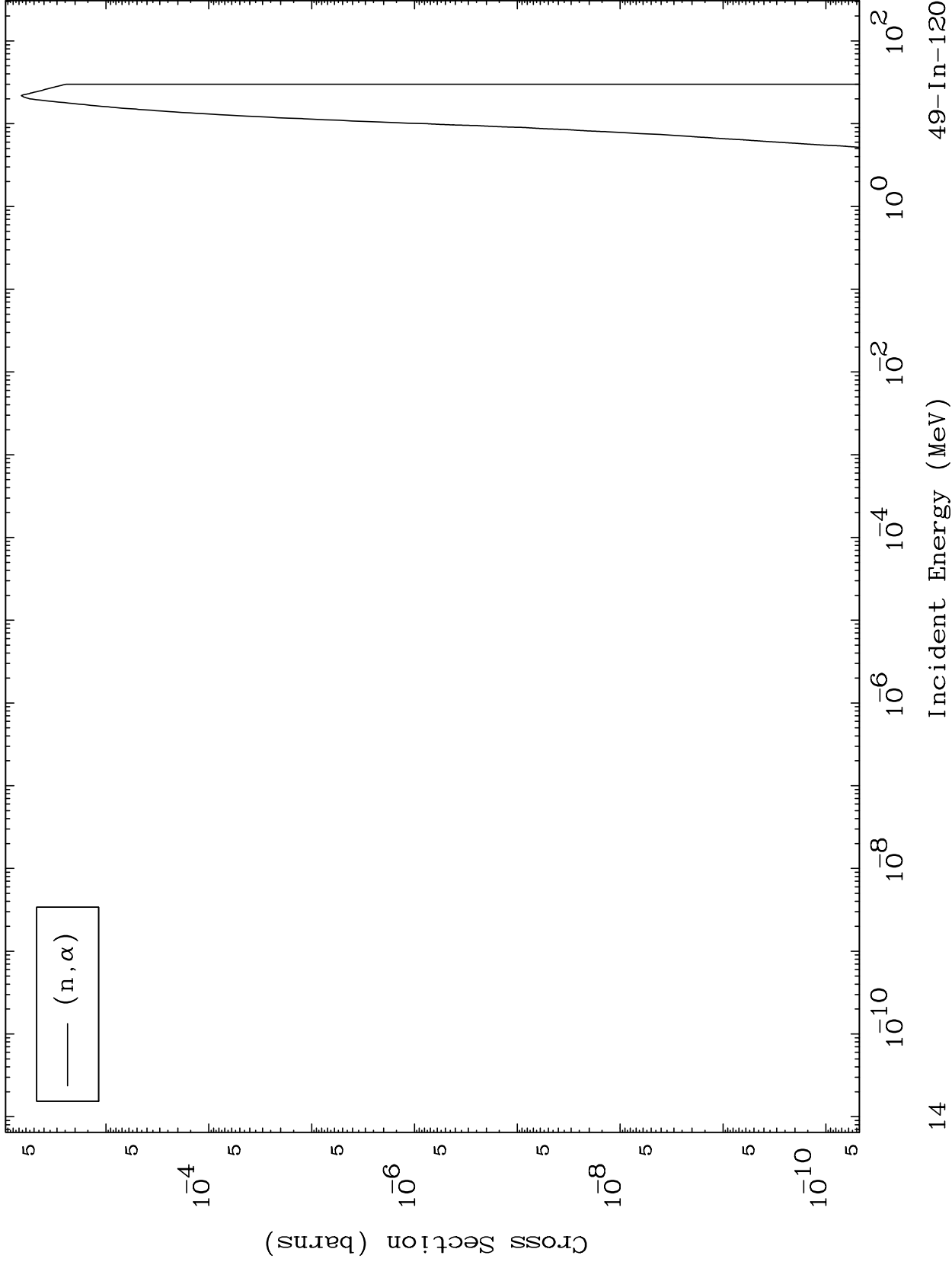
Incident Energy (MeV)

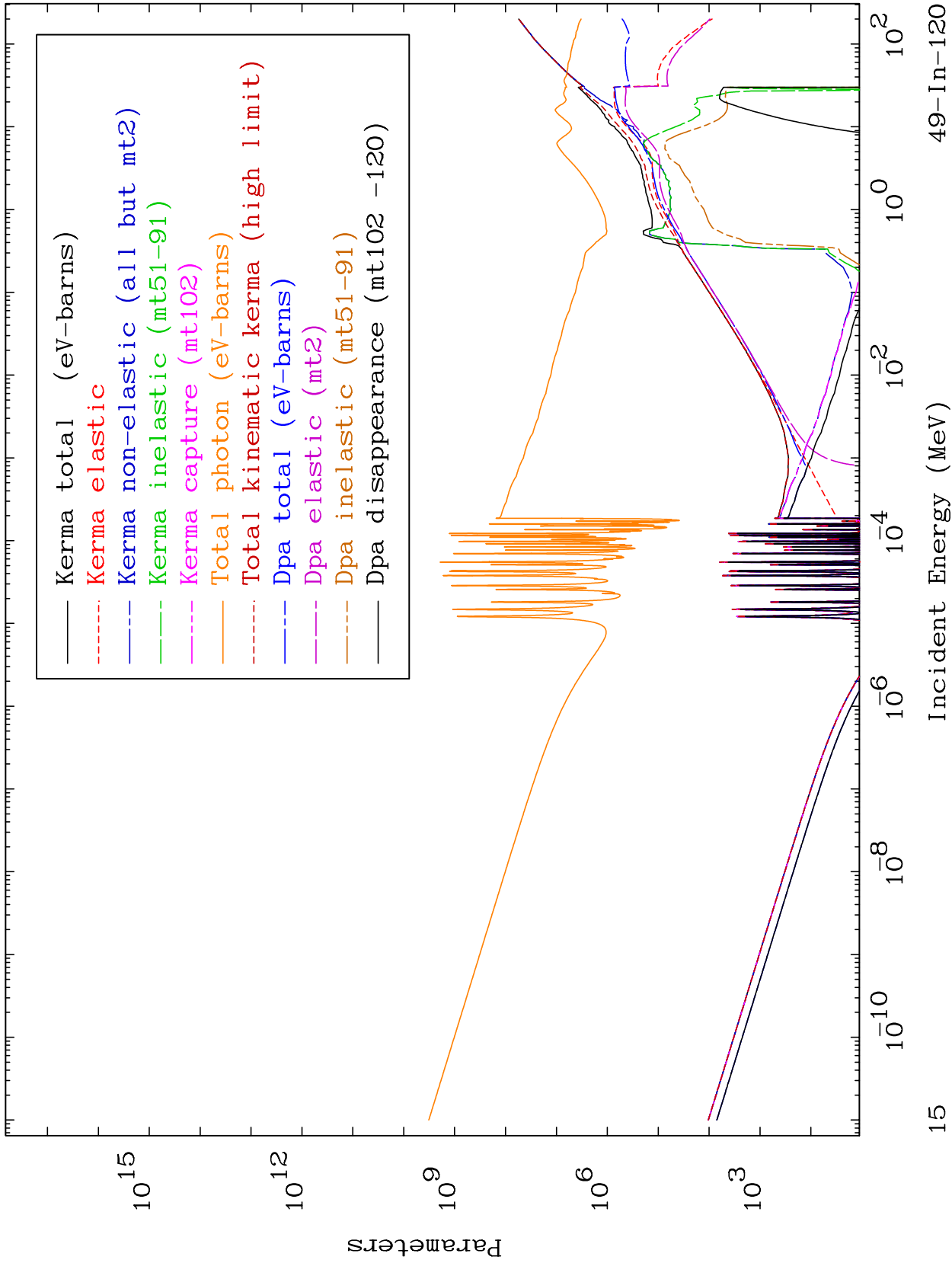
49-In-120

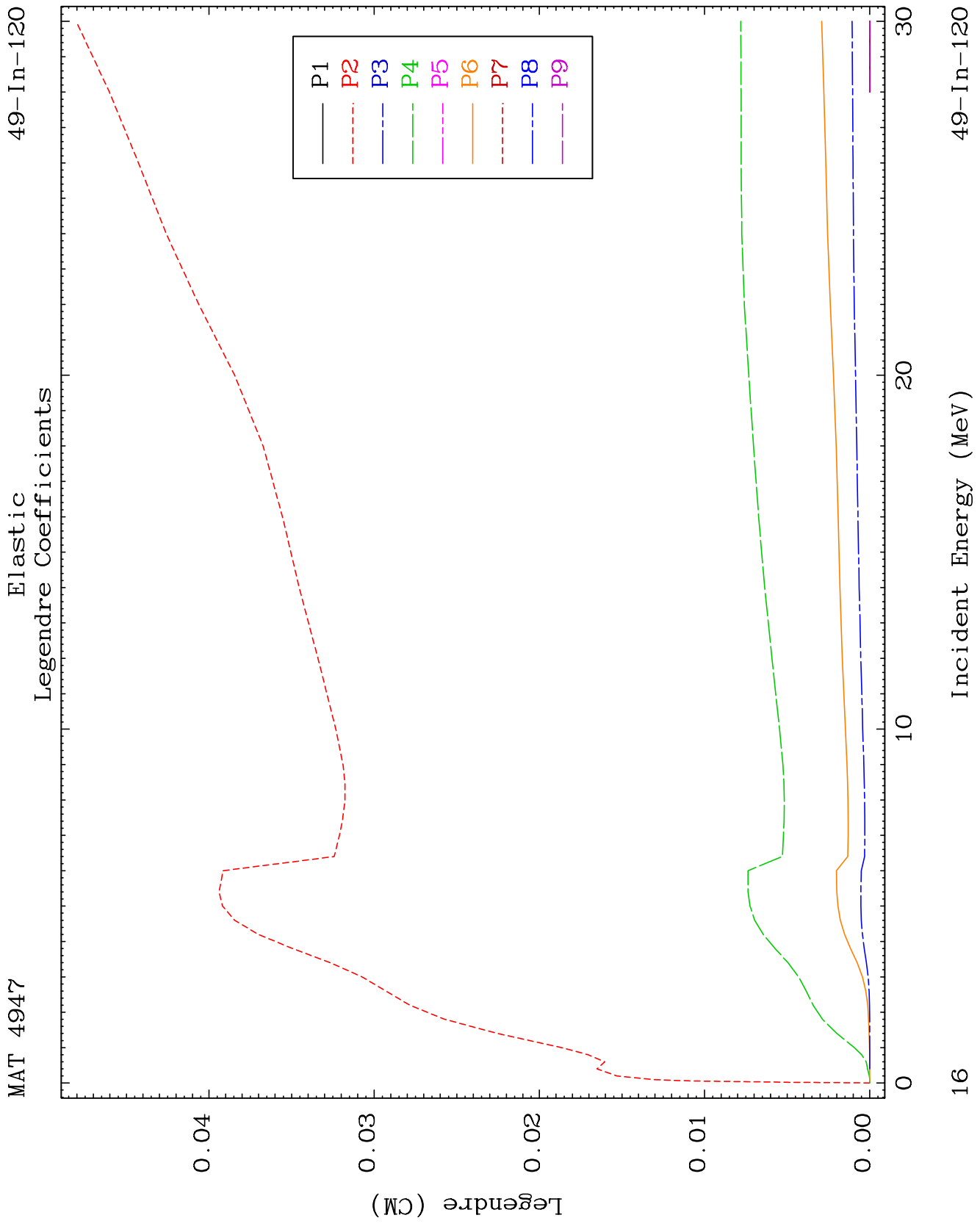
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(n, α) Levels
293 Kelvin Cross Sections

49-In-120



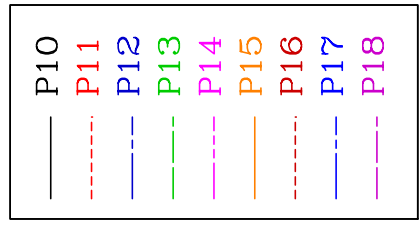




MAT 4947

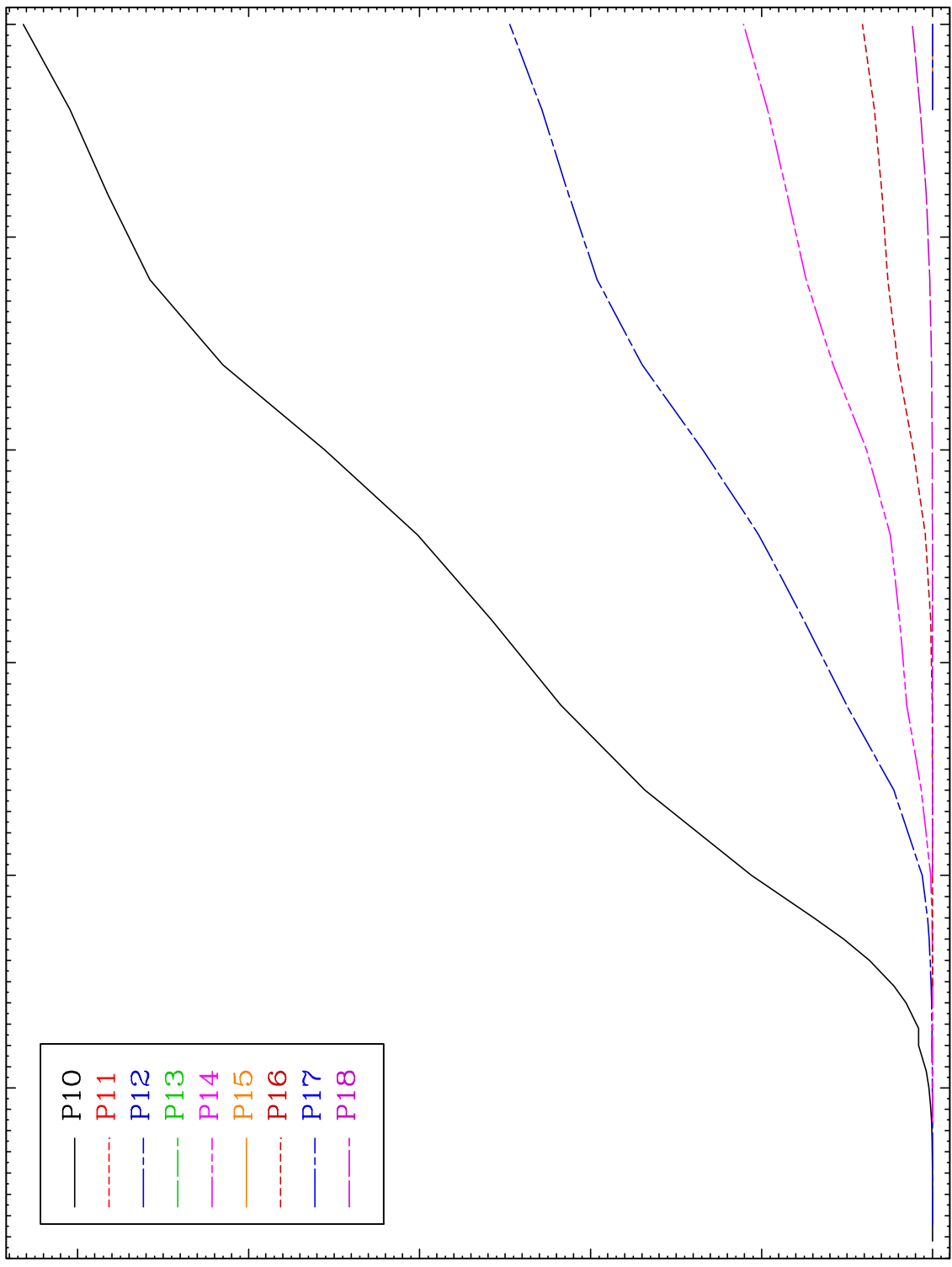
Elastic Legendre Coefficients

49-In-120



$\times 10^{-4}$

Legendre (CM)



17

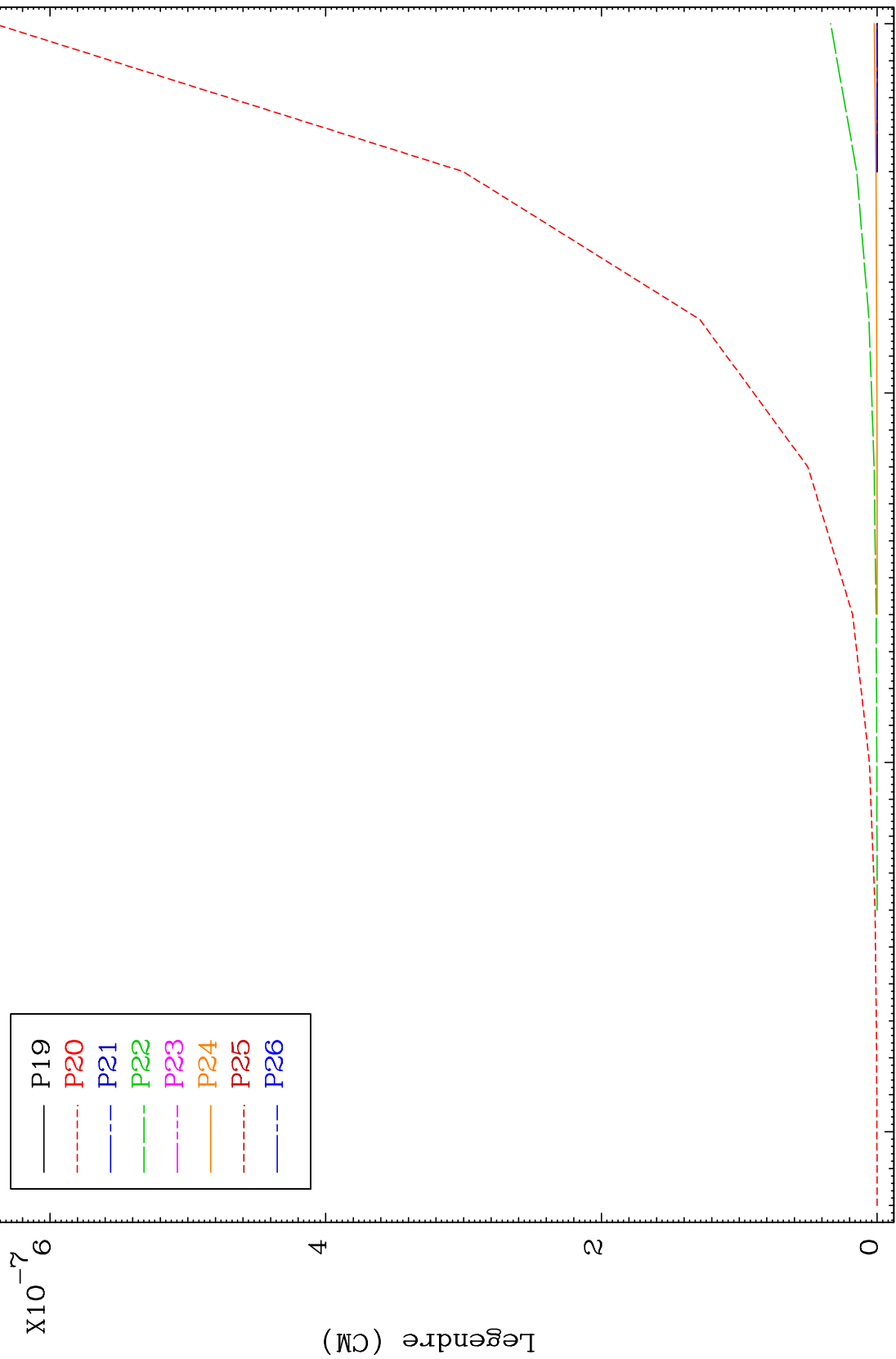
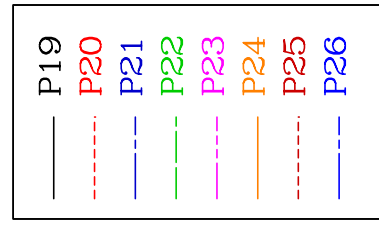
Incident Energy (MeV)

49-In-120

MAT 4947

Elastic
Legendre Coefficients

49-In-120



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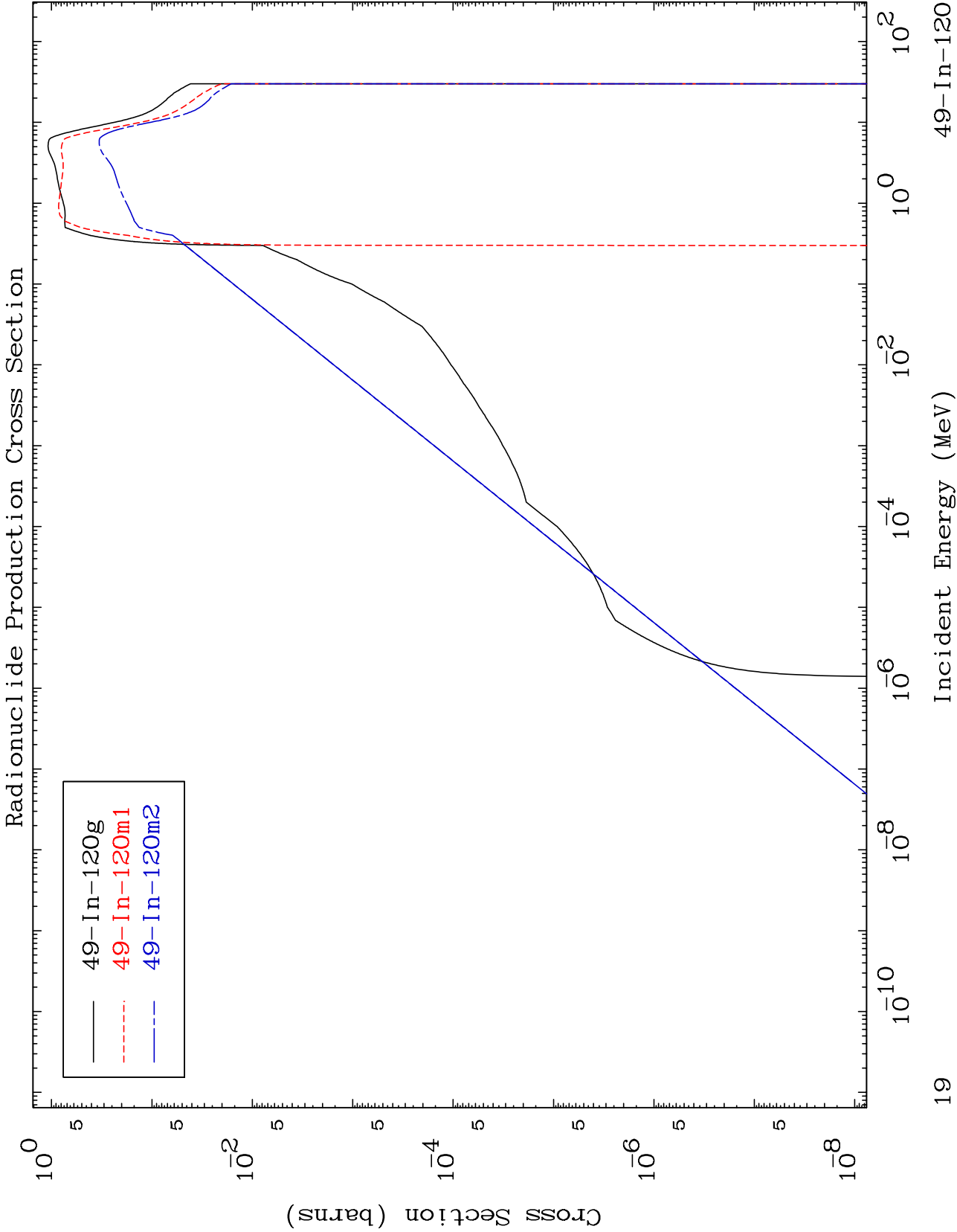
Incident Energy (MeV)

49-In-120

MAT 4947

49-In-120

Inelastic
Radionuclide Production Cross Section

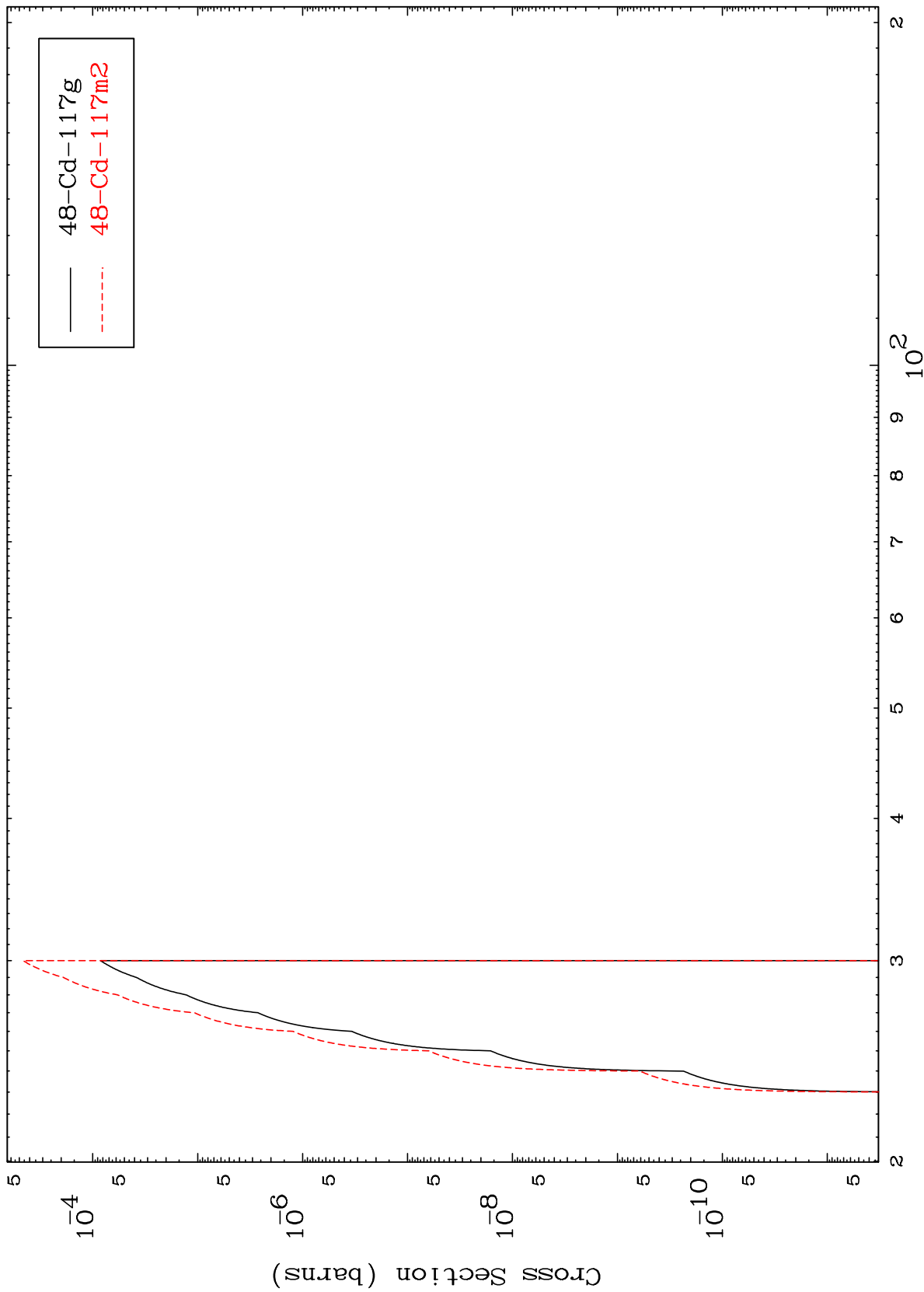


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(n,2n) d

49-In-120

Radionuclide Production Cross Section



20

Incident Energy (MeV)

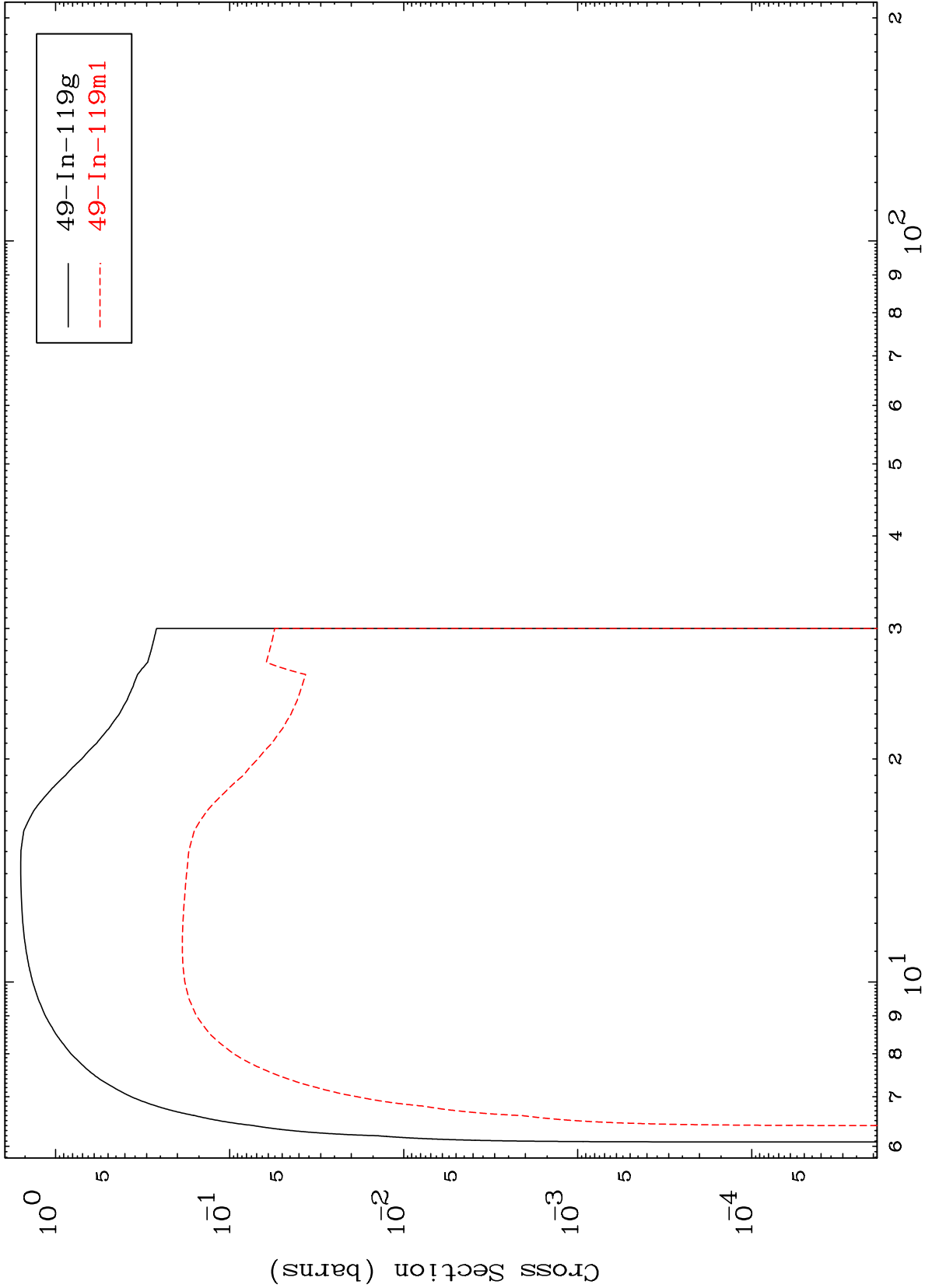
49-In-120

MAT 4947

(n,2n)

49-In-120

Radionuclide Production Cross Section

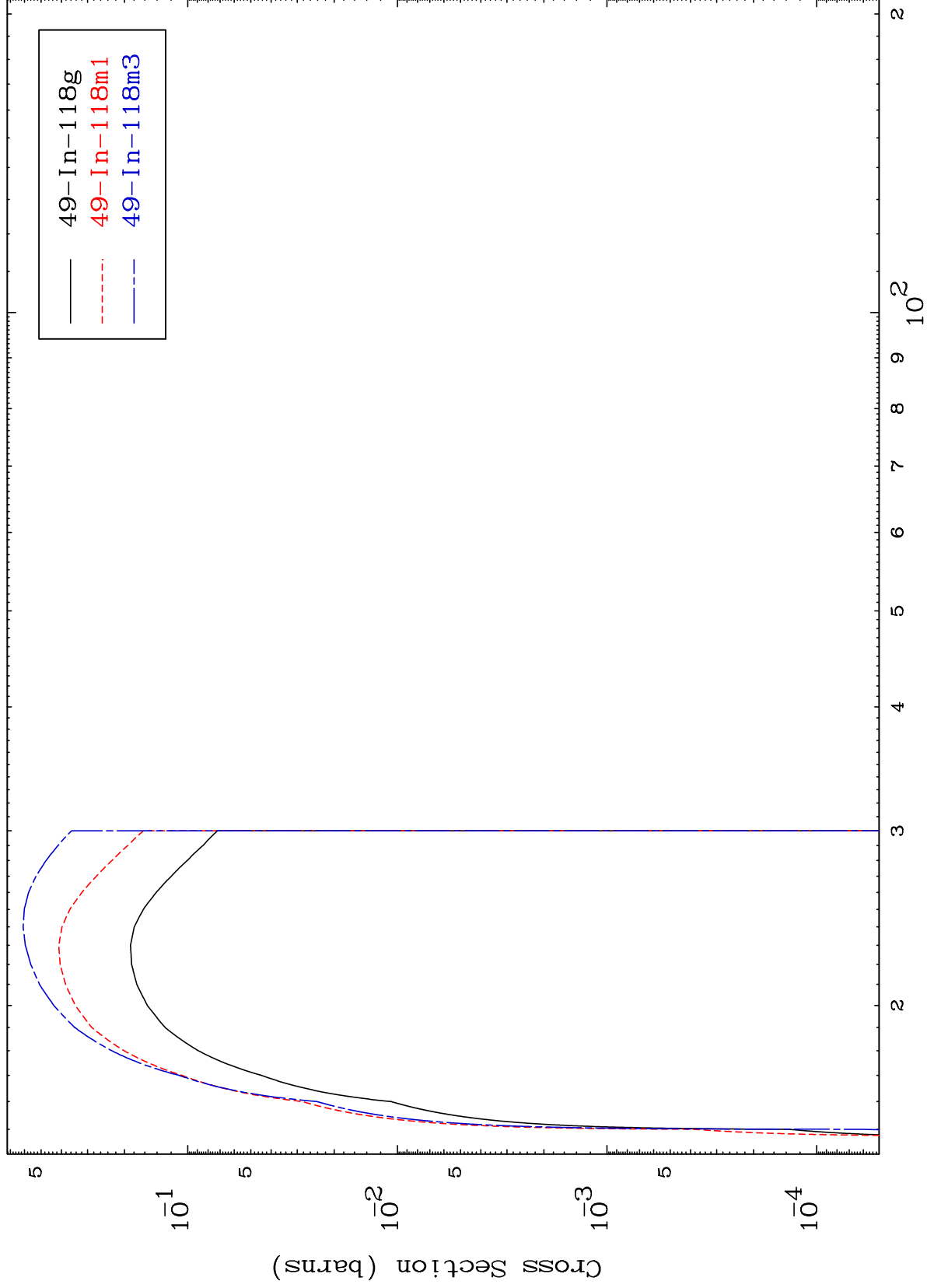


21

Incident Energy (MeV)

49-In-120

Radionuclide Production Cross Section

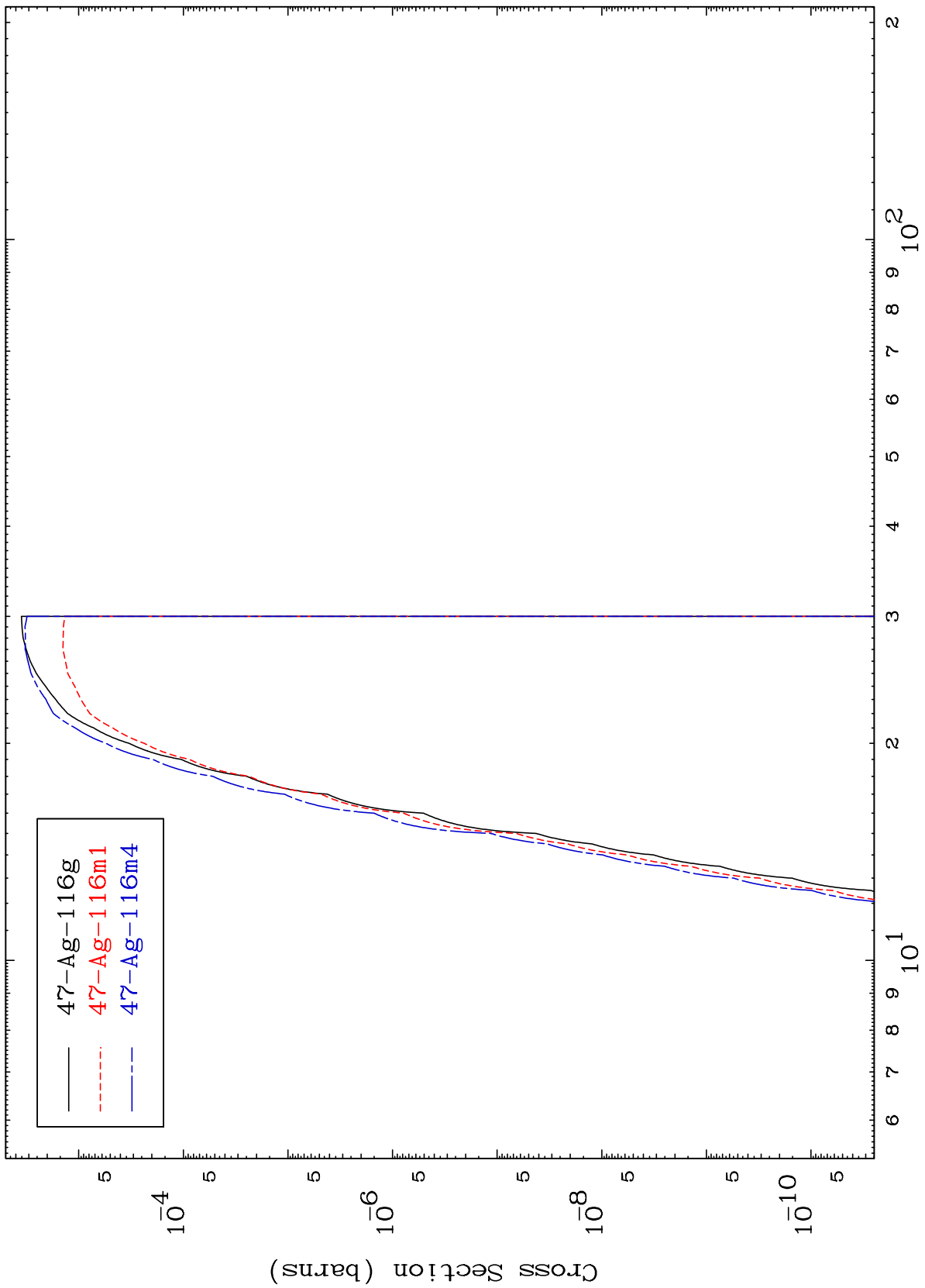


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49-In-120

(n,n') α

Radionuclide Production Cross Section

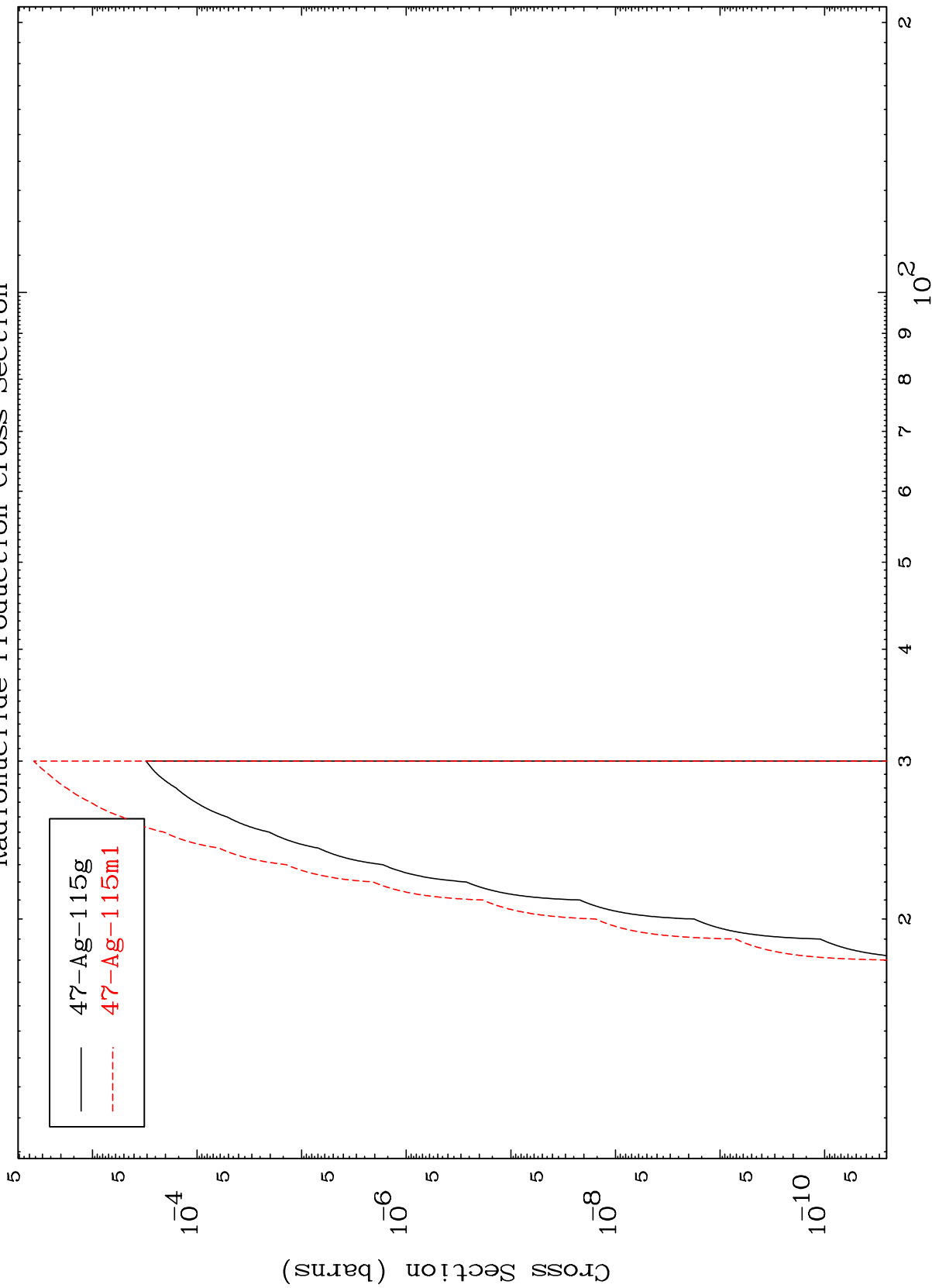


MAT 4947

(n,2n) α

49-In-120

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-120

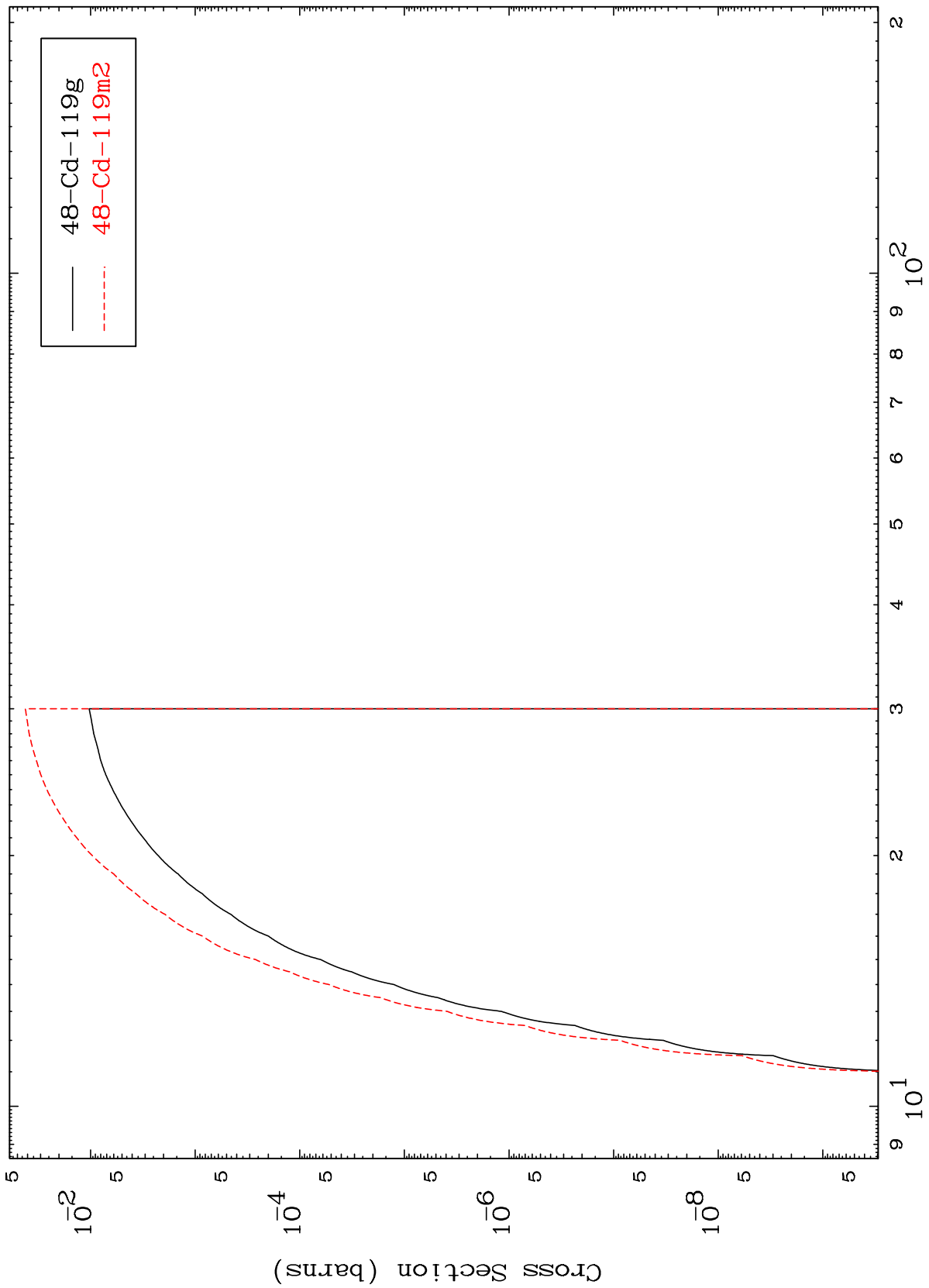
24

MAT 4947

(n,n') p

49-In-120

Radionuclide Production Cross Section

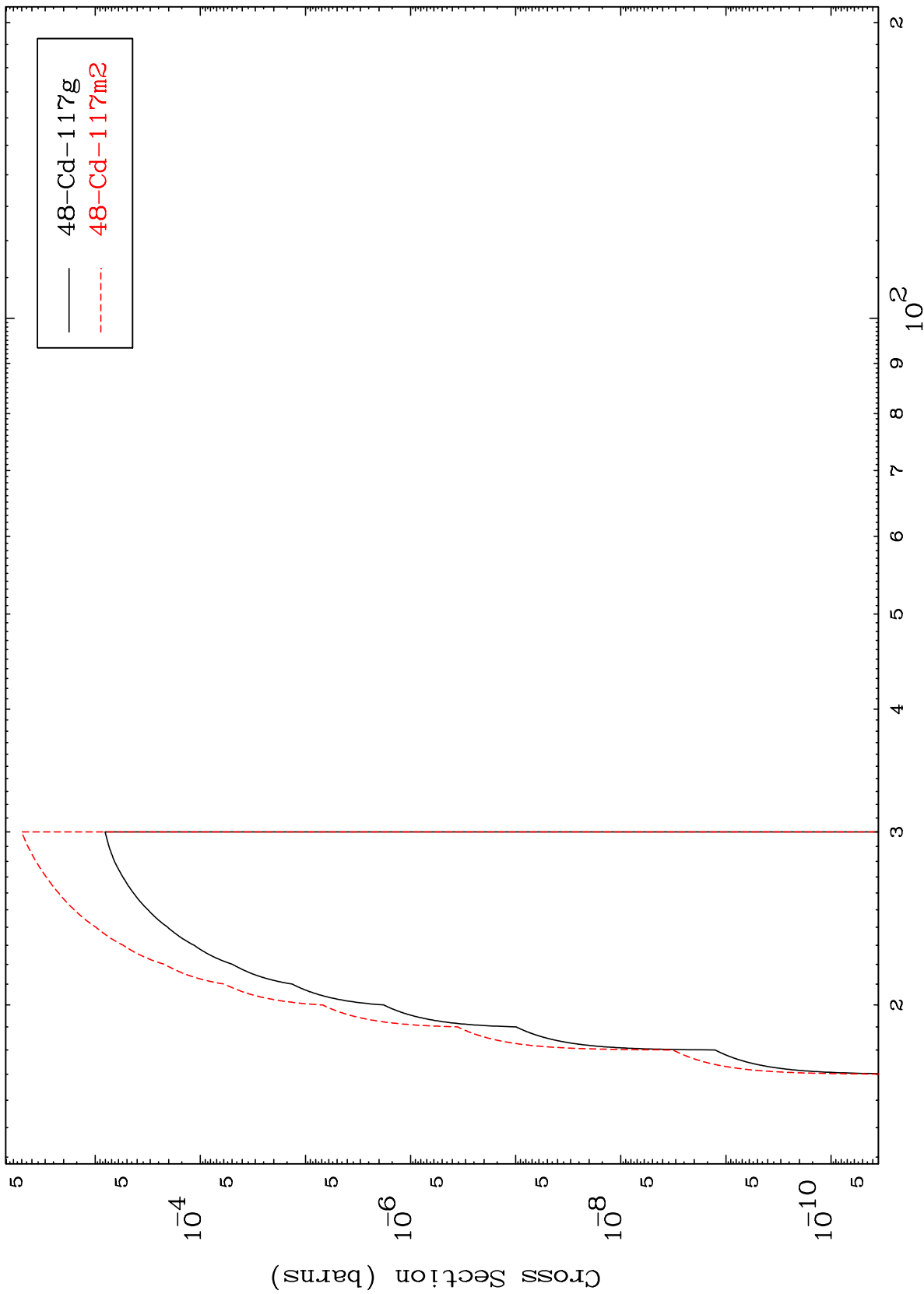


25

Incident Energy (MeV)

49-In-120

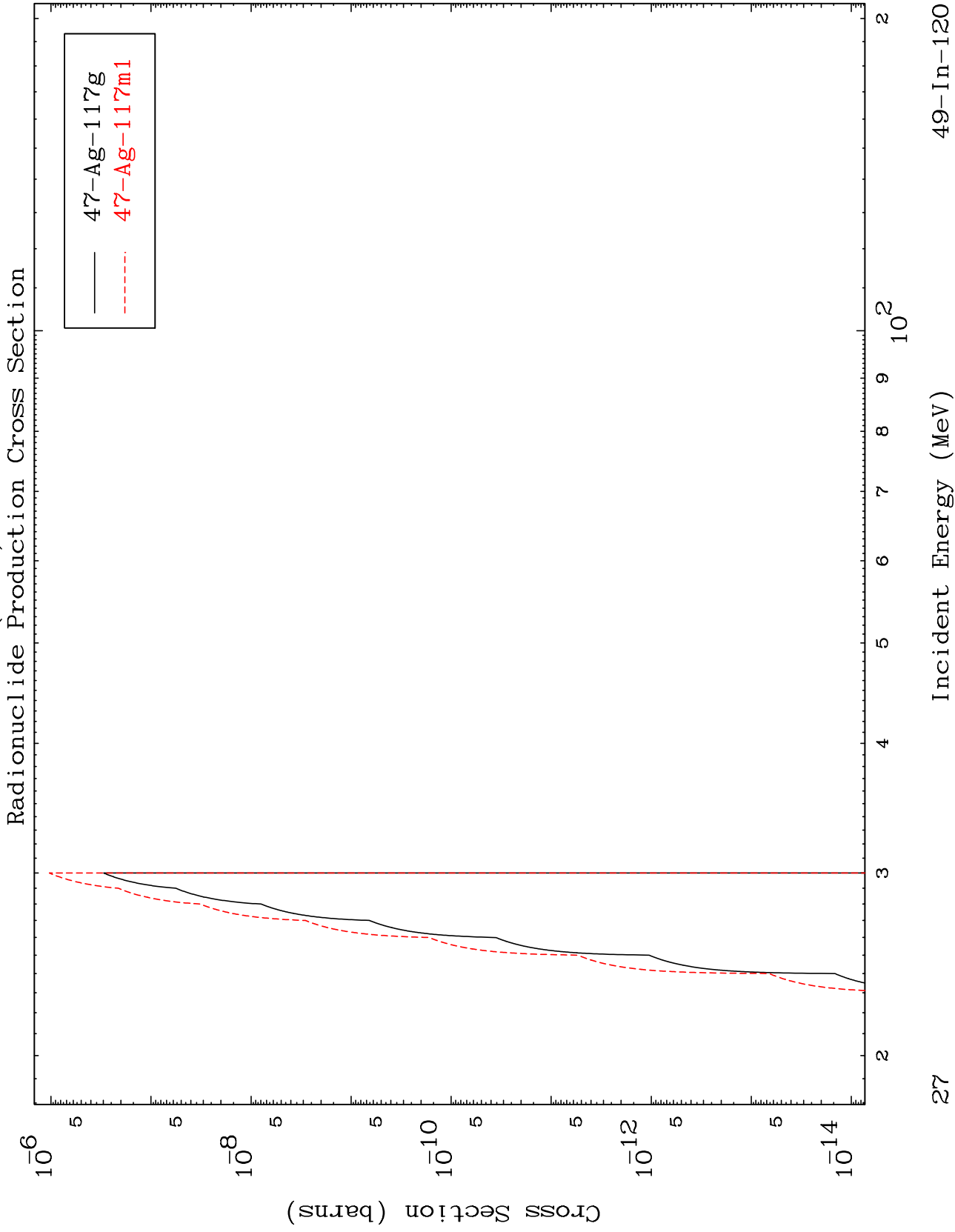
Radionuclide Production Cross Section



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(n,n') He-3

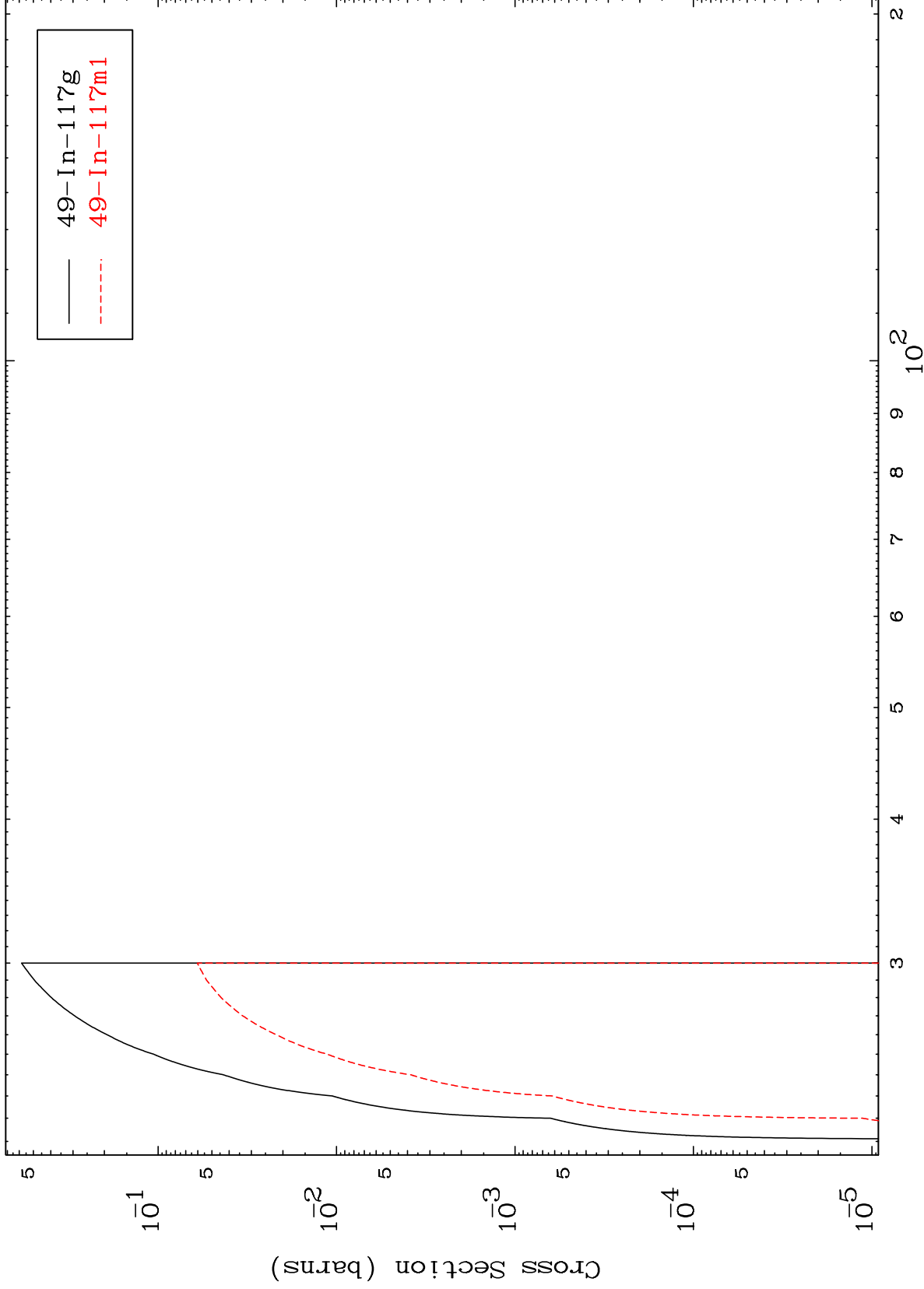
49-In-120



27

49-In-120

Radionuclide Production Cross Section



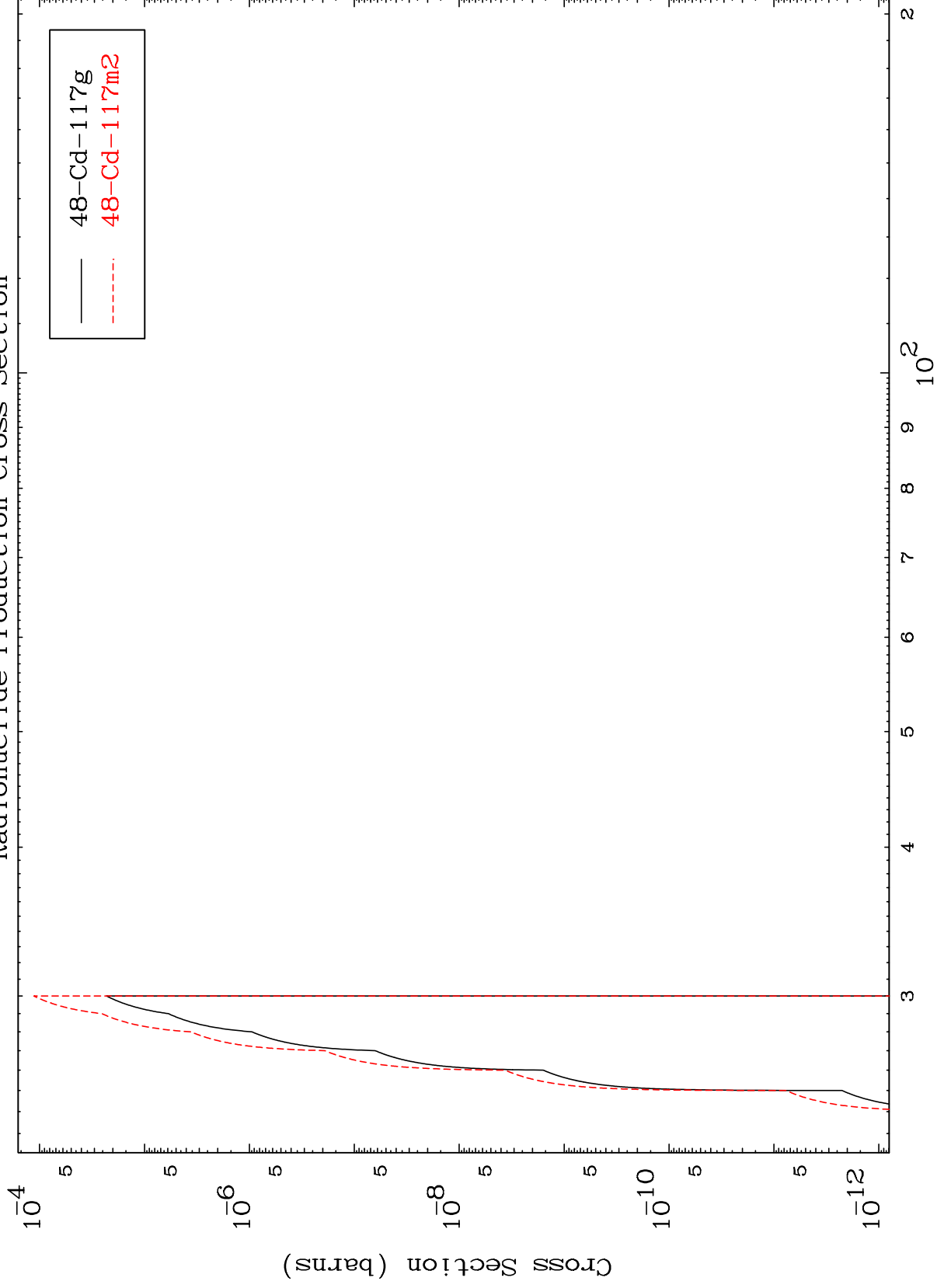
49-In-117g
49-In-117m1

MAT 4947

(n,3n) p

49-In-120

Radionuclide Production Cross Section



29

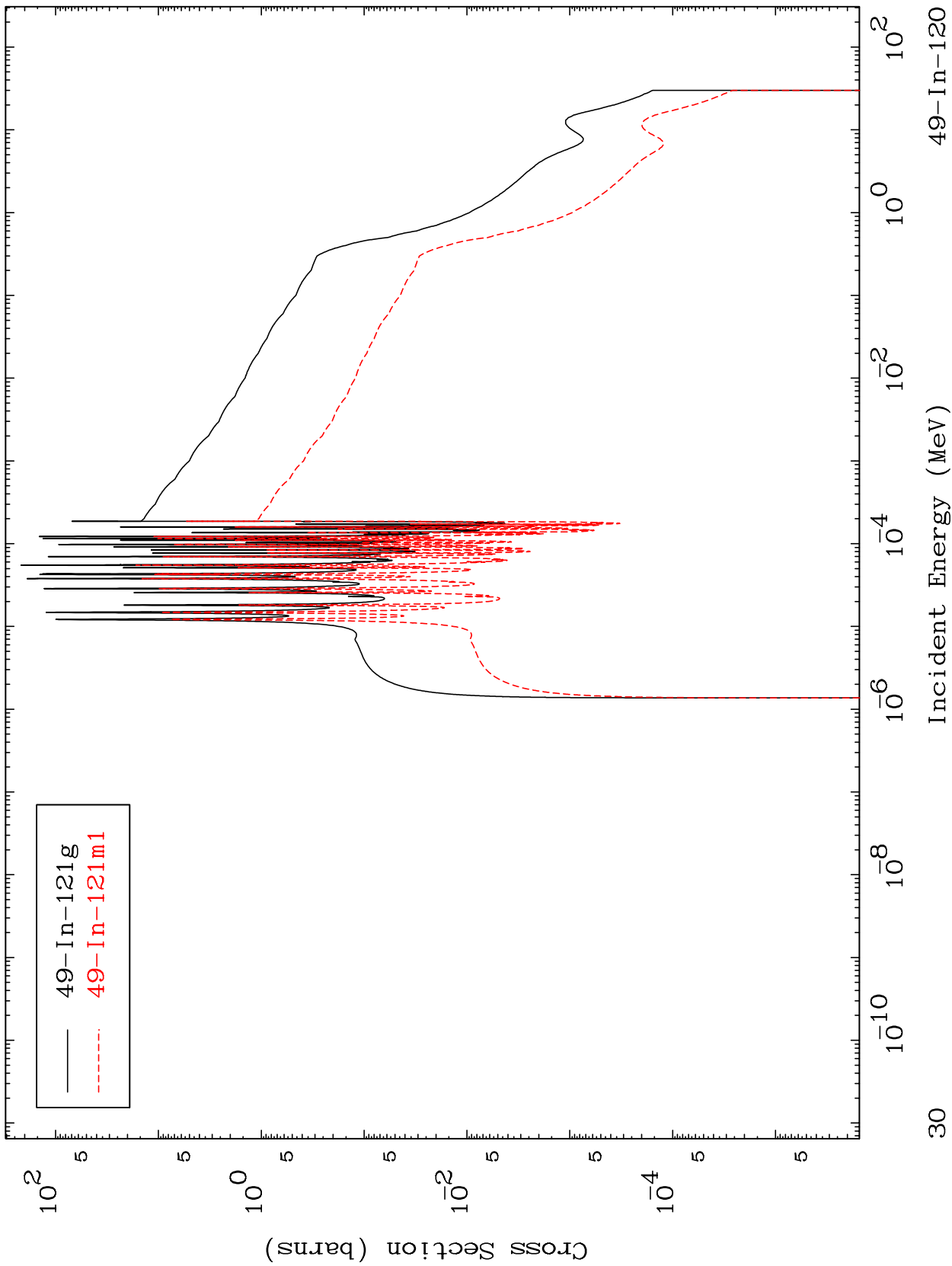
Incident Energy (MeV)

49-In-120

MAT 4947

49-In-120

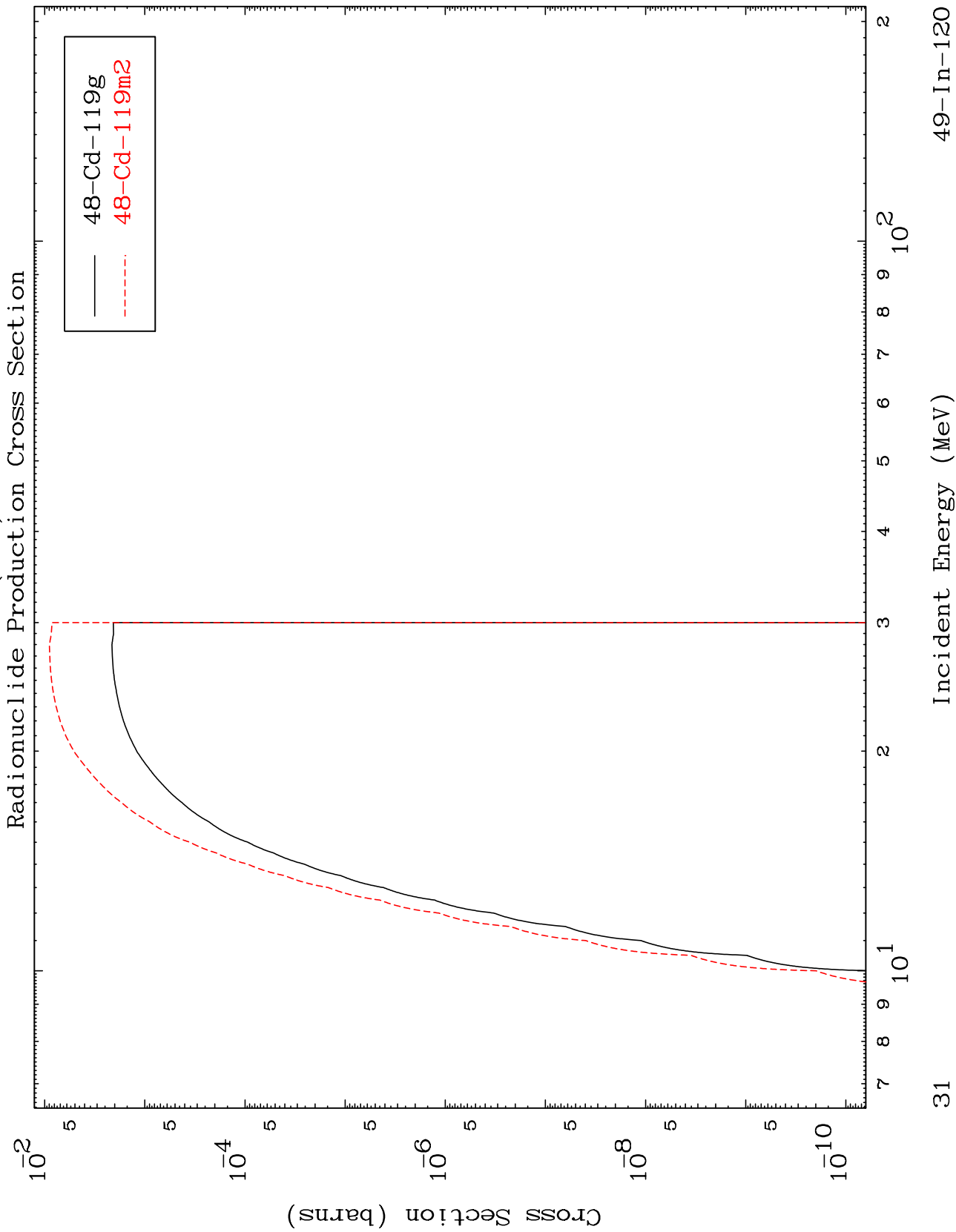
(n,γ)
Radionuclide Production Cross Section



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(n,d)

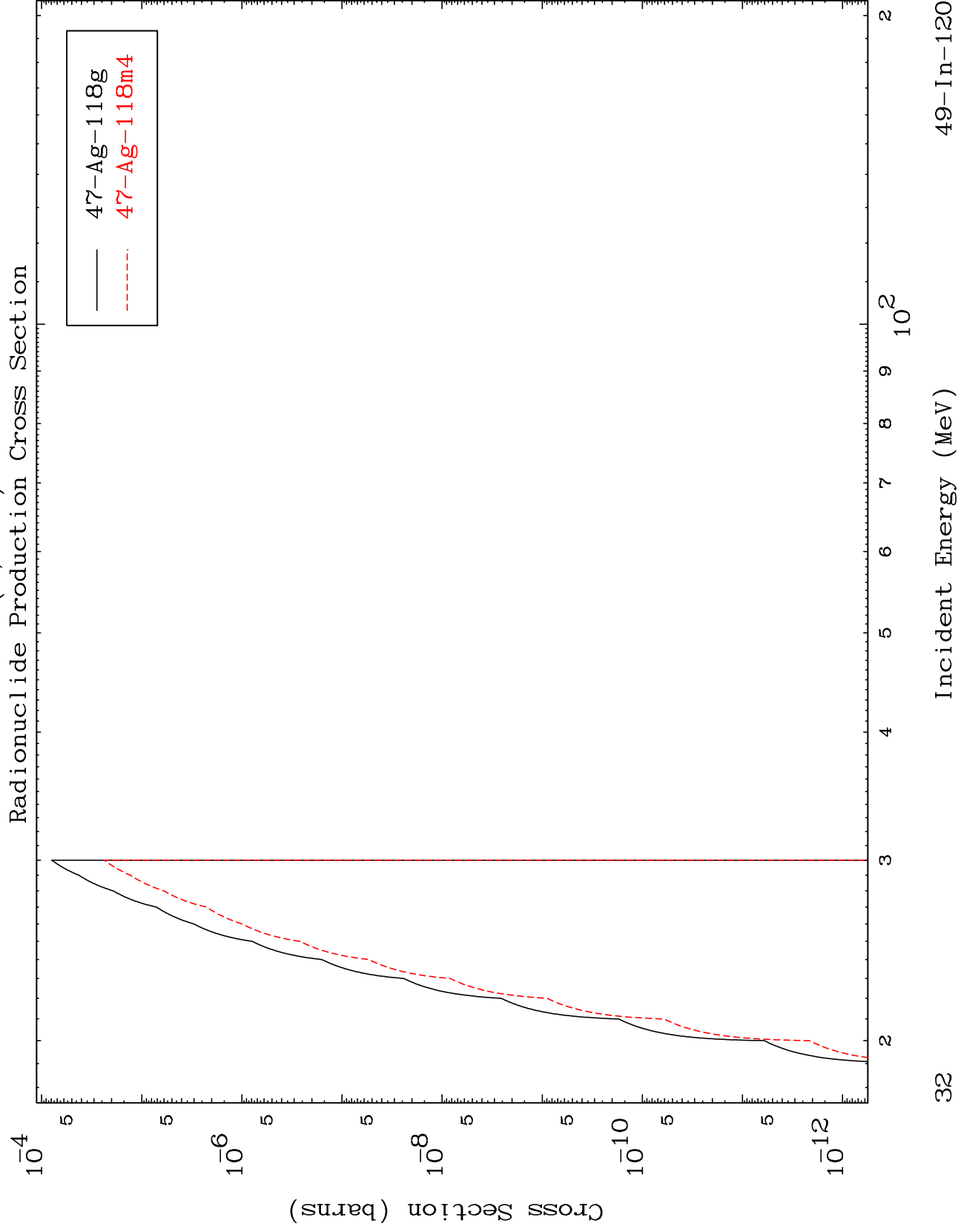
49-In-120



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(n,He-3)

49-In-120



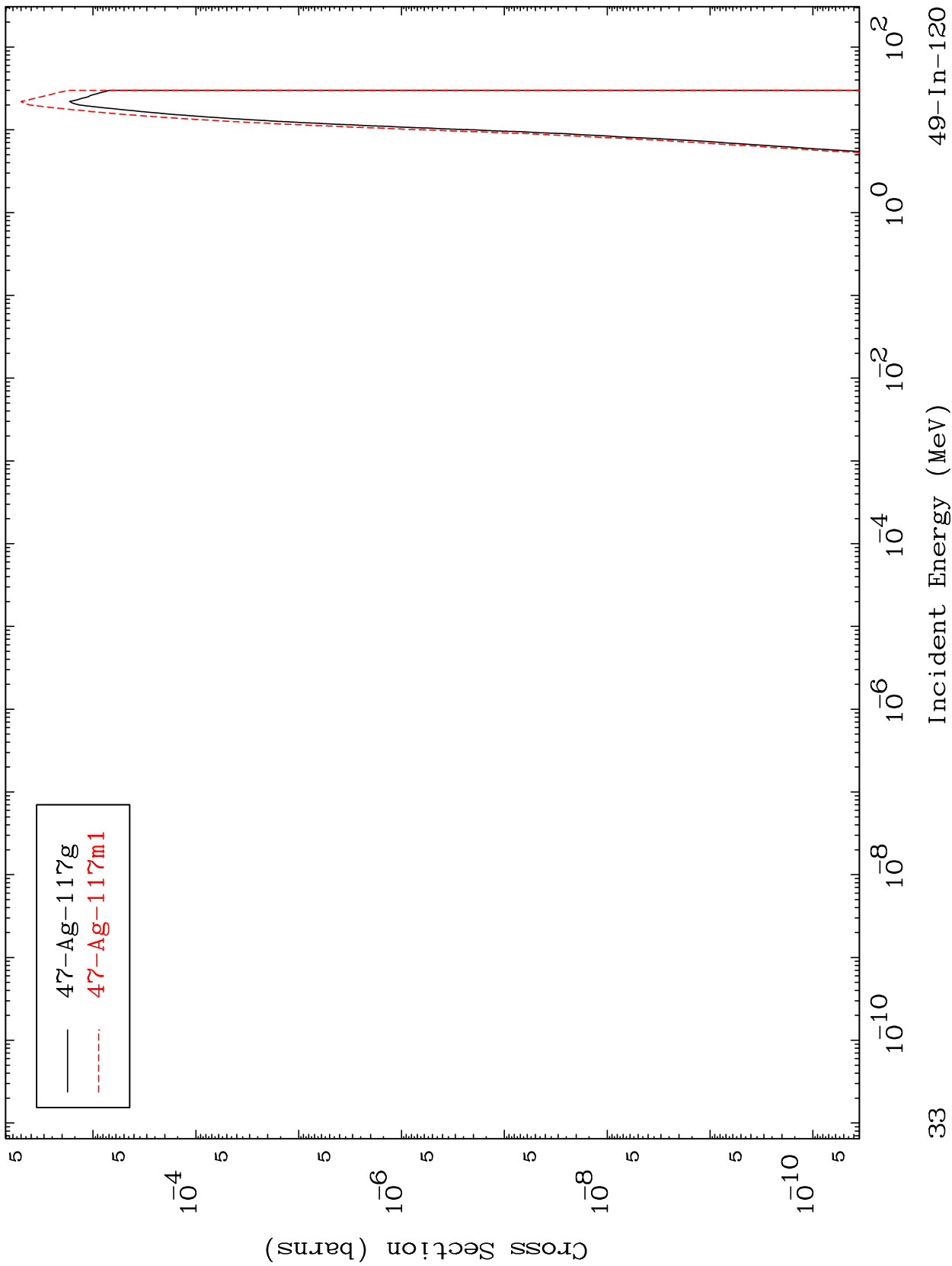
32

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(n, α)

49-In-120

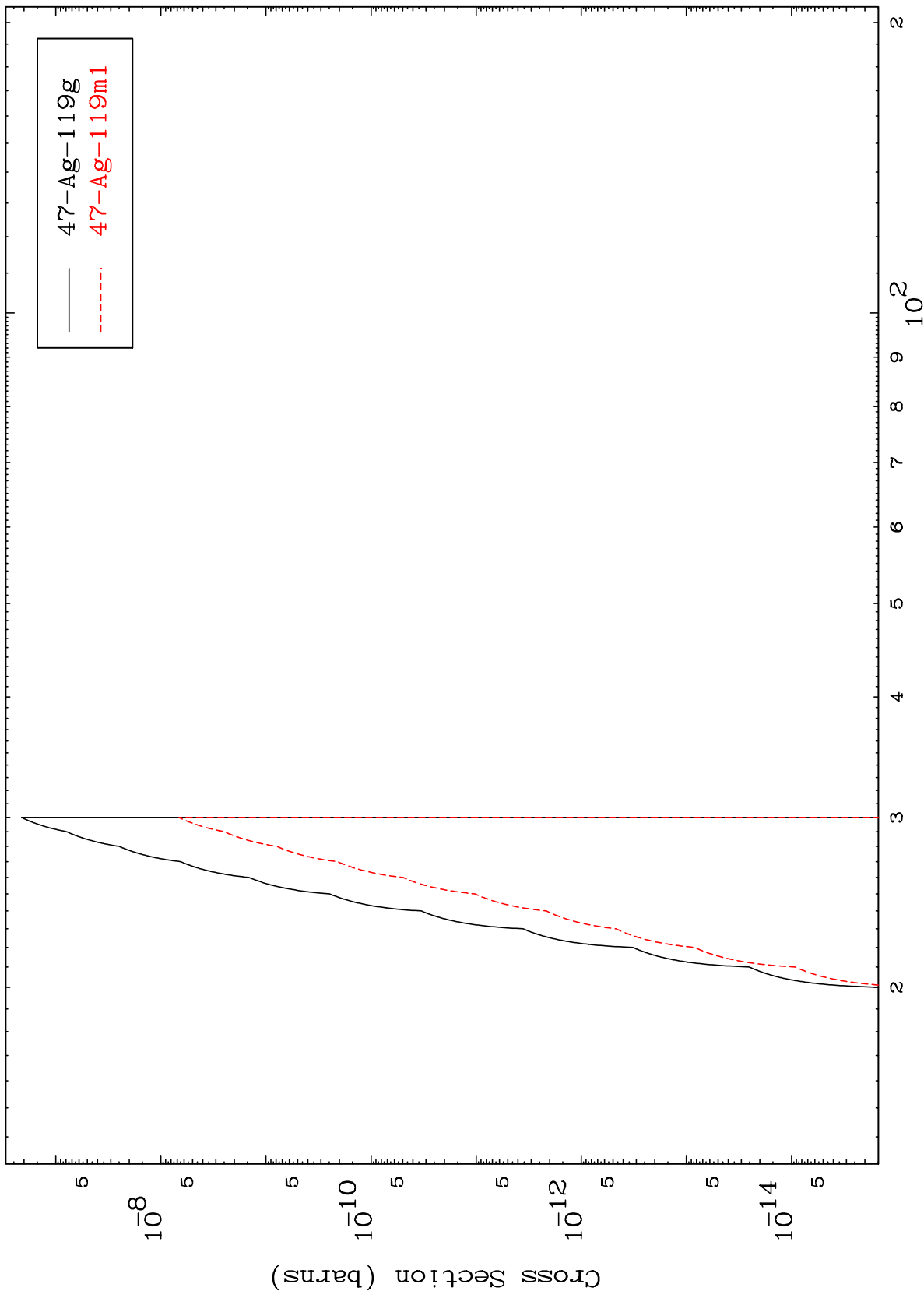
Radionuclide Production Cross Section



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49-In-120

(n,2p)
Radionuclide Production Cross Section



34

Incident Energy (MeV)

49-In-120