

Program EVALPLOT
(Version 2021-1)

by

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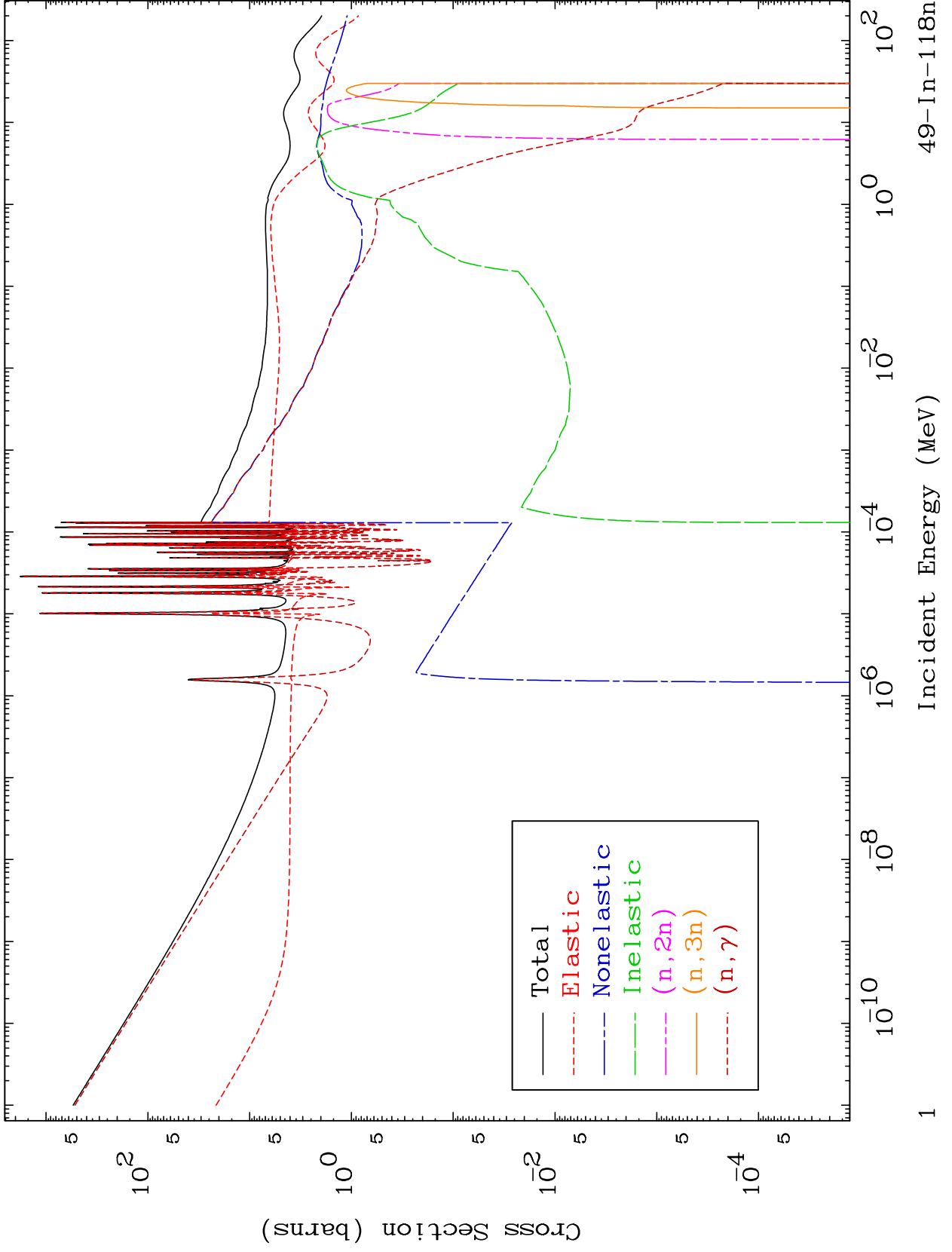
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4942

Neutron Major
293 Kelvin Cross Sections

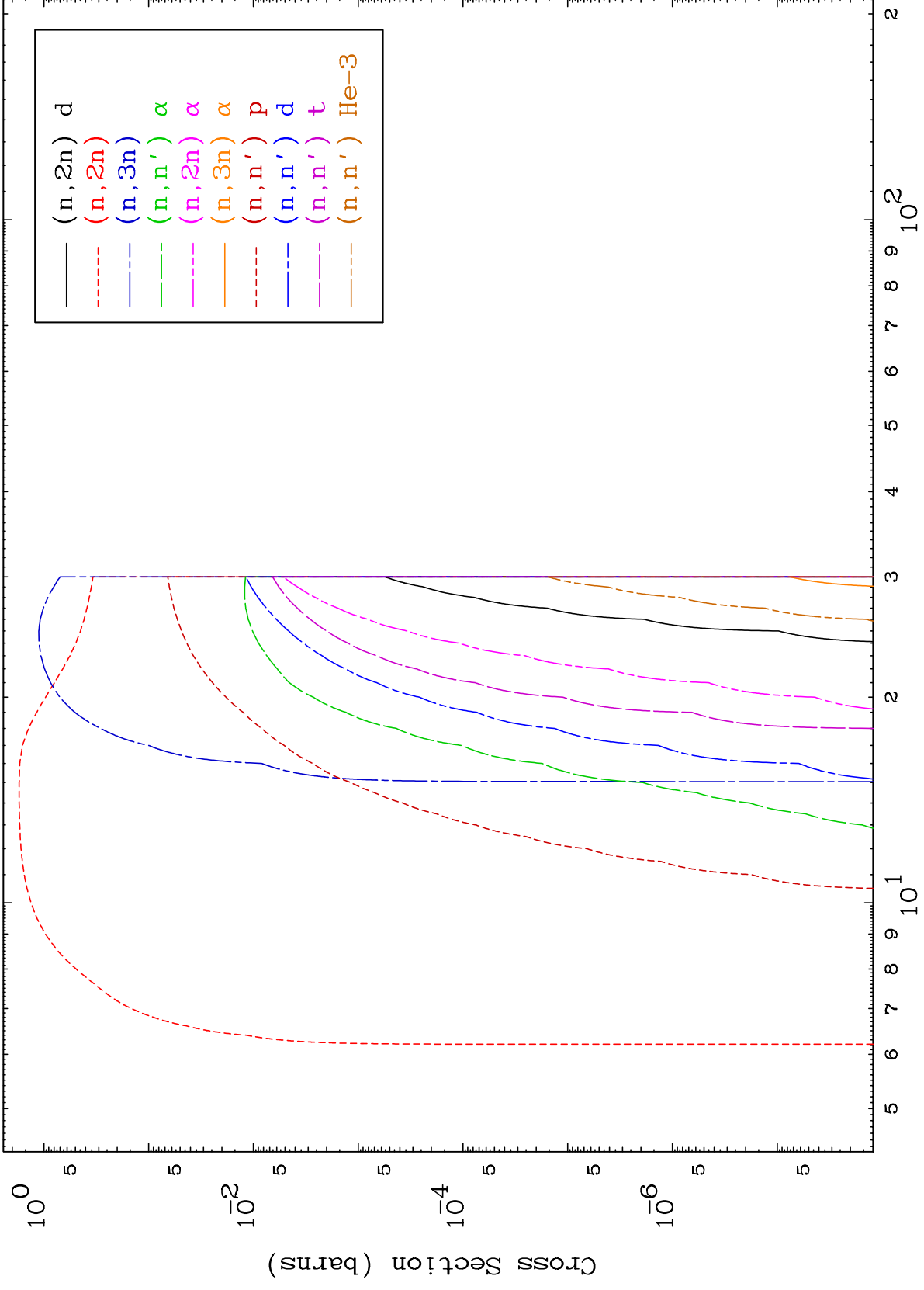
49-In-118n



MAT 4942

Neutron Absorption
293 Kelvin Cross Sections

49-In-118n

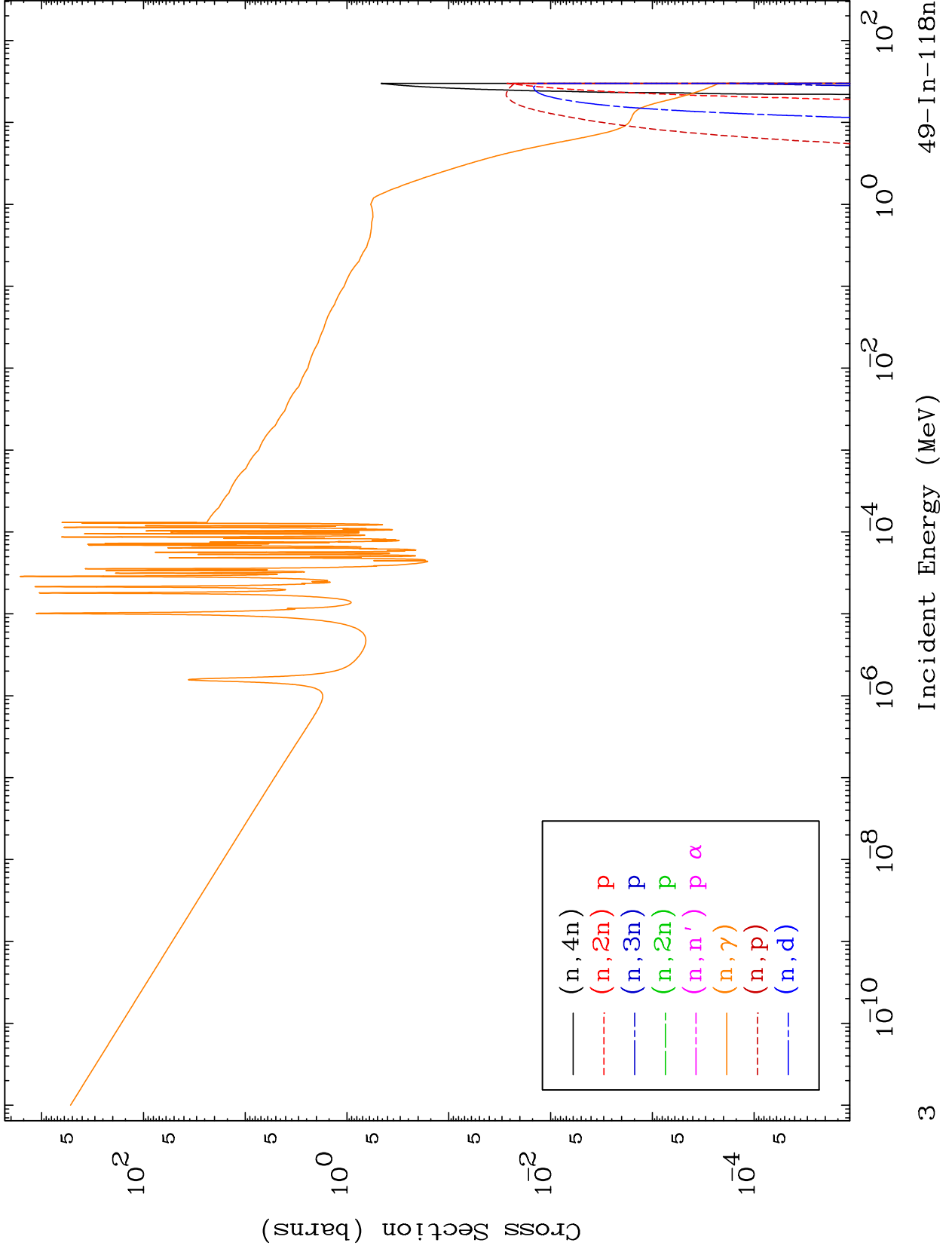


49-In-118n

MAT 4942

Neutron Absorption
293 Kelvin Cross Sections

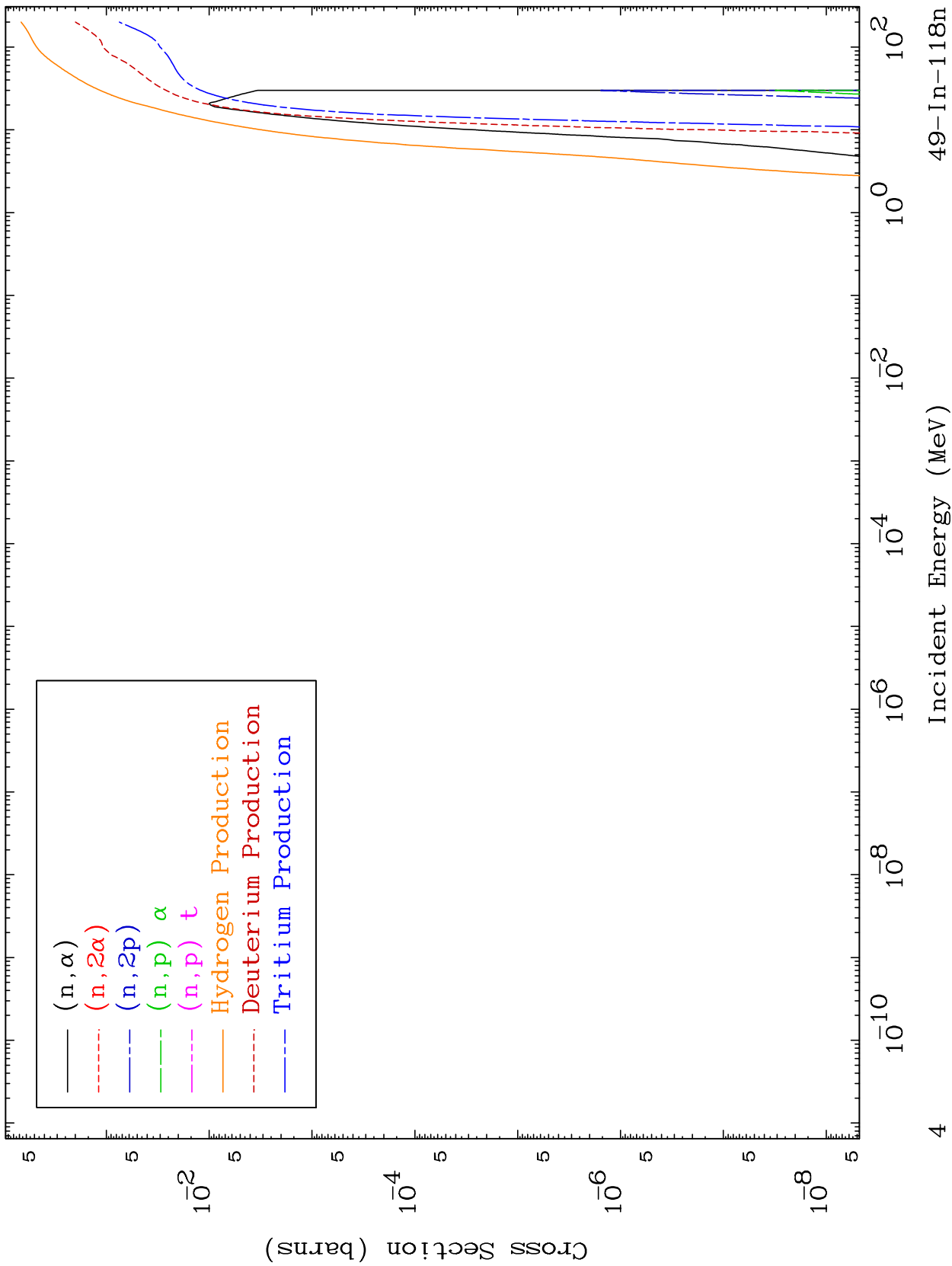
49-In-118n



MAT 4942

Neutron Absorption
293 Kelvin Cross Sections

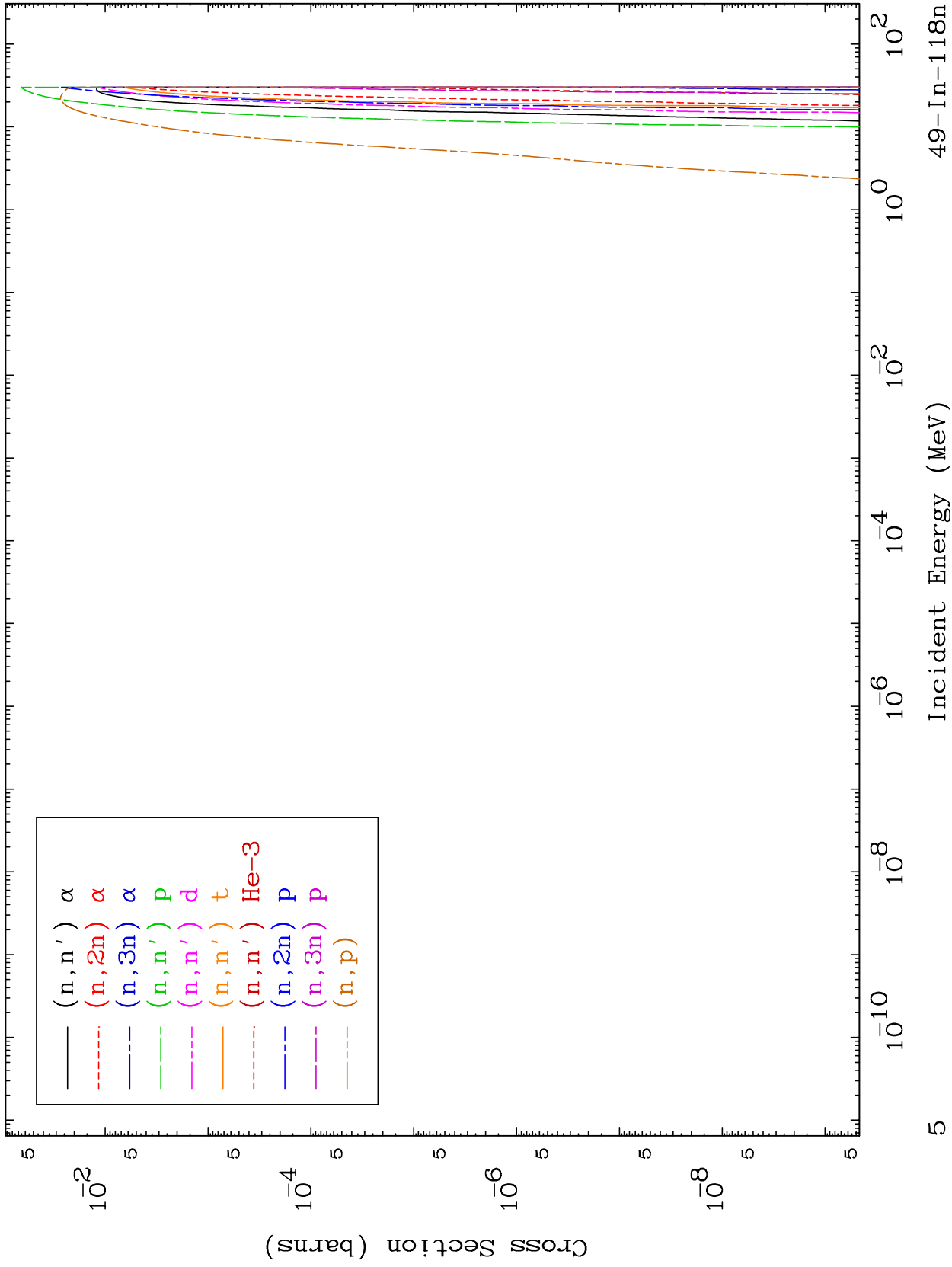
49-In-118n



MAT 4942

Charged Particle
293 Kelvin Cross Sections

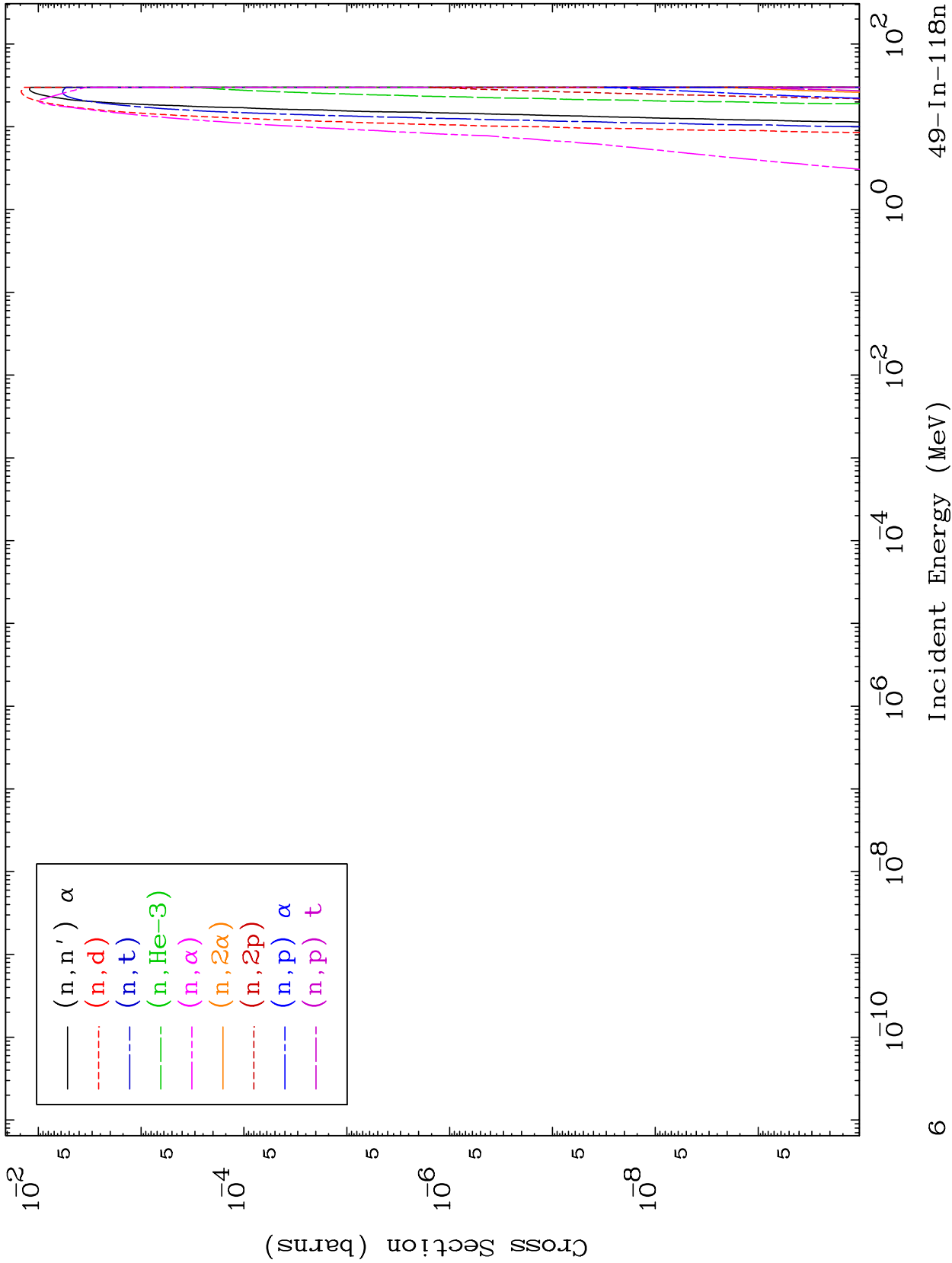
49-In-118n



MAT 4942

Charged Particle
293 Kelvin Cross Sections

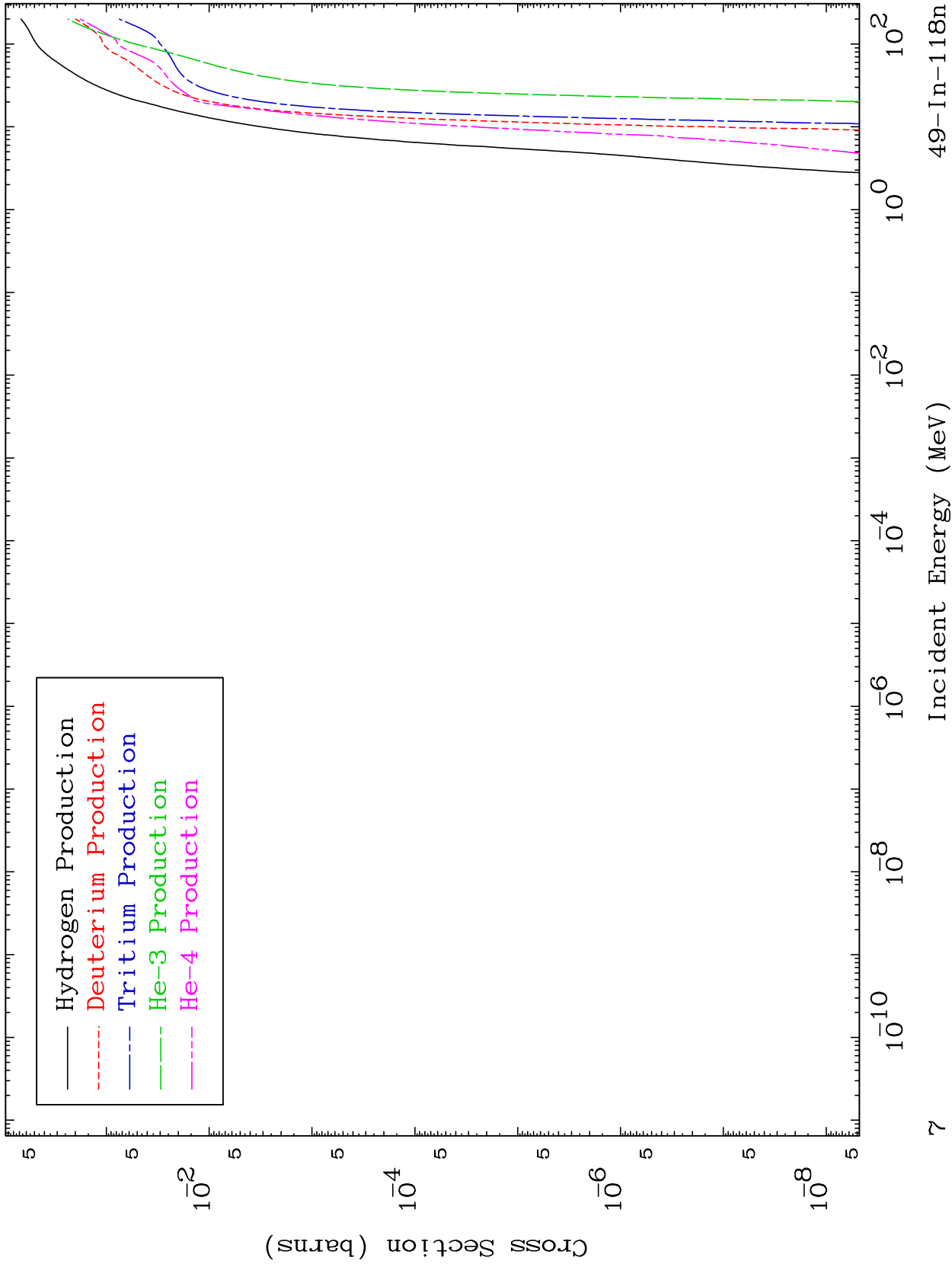
49-In-118n



MAT 4942

Particle Production
293 Kelvin Cross Sections

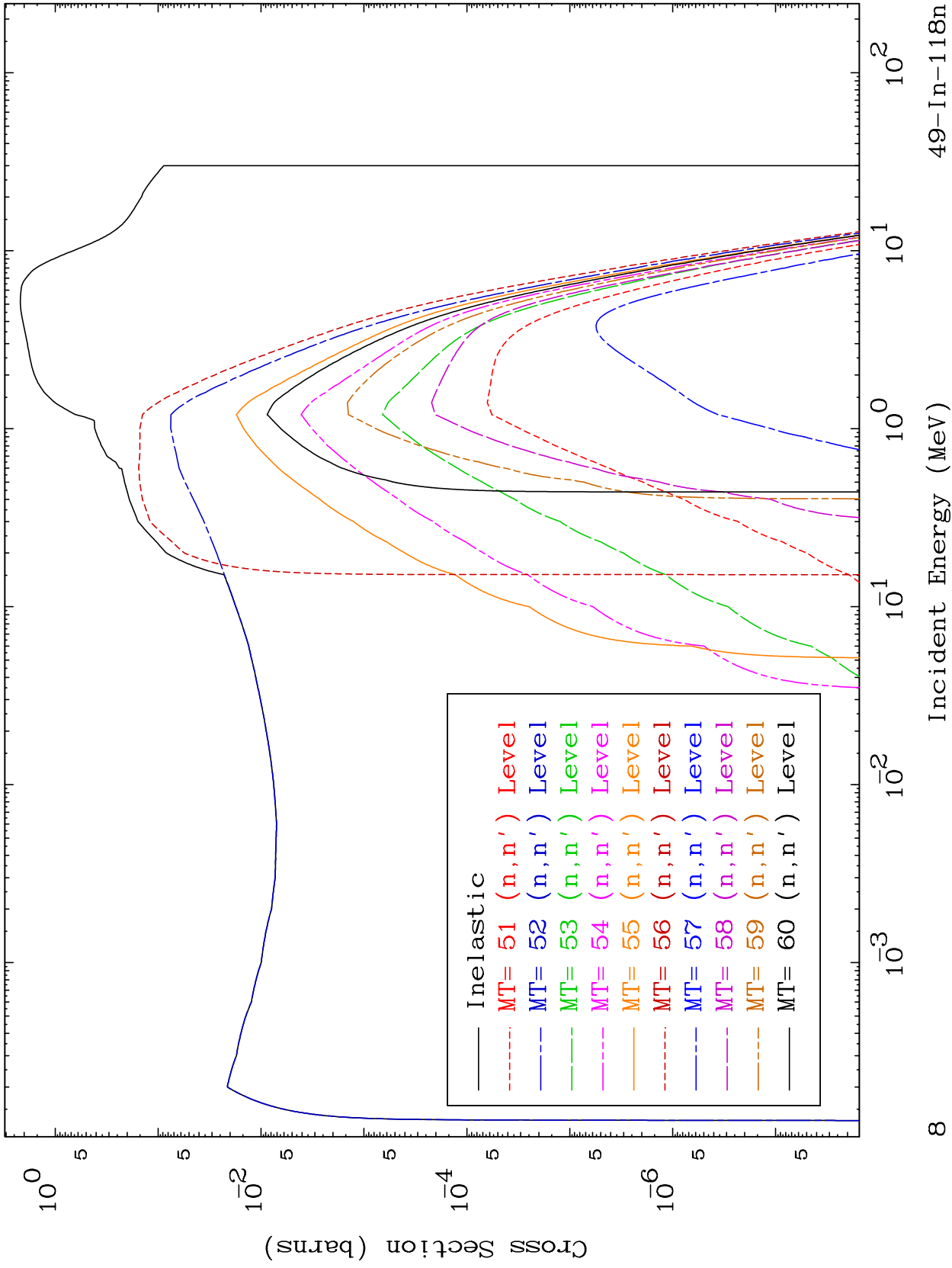
49-In-118n



MAT 4942

(n,n') Levels
293 Kelvin Cross Sections

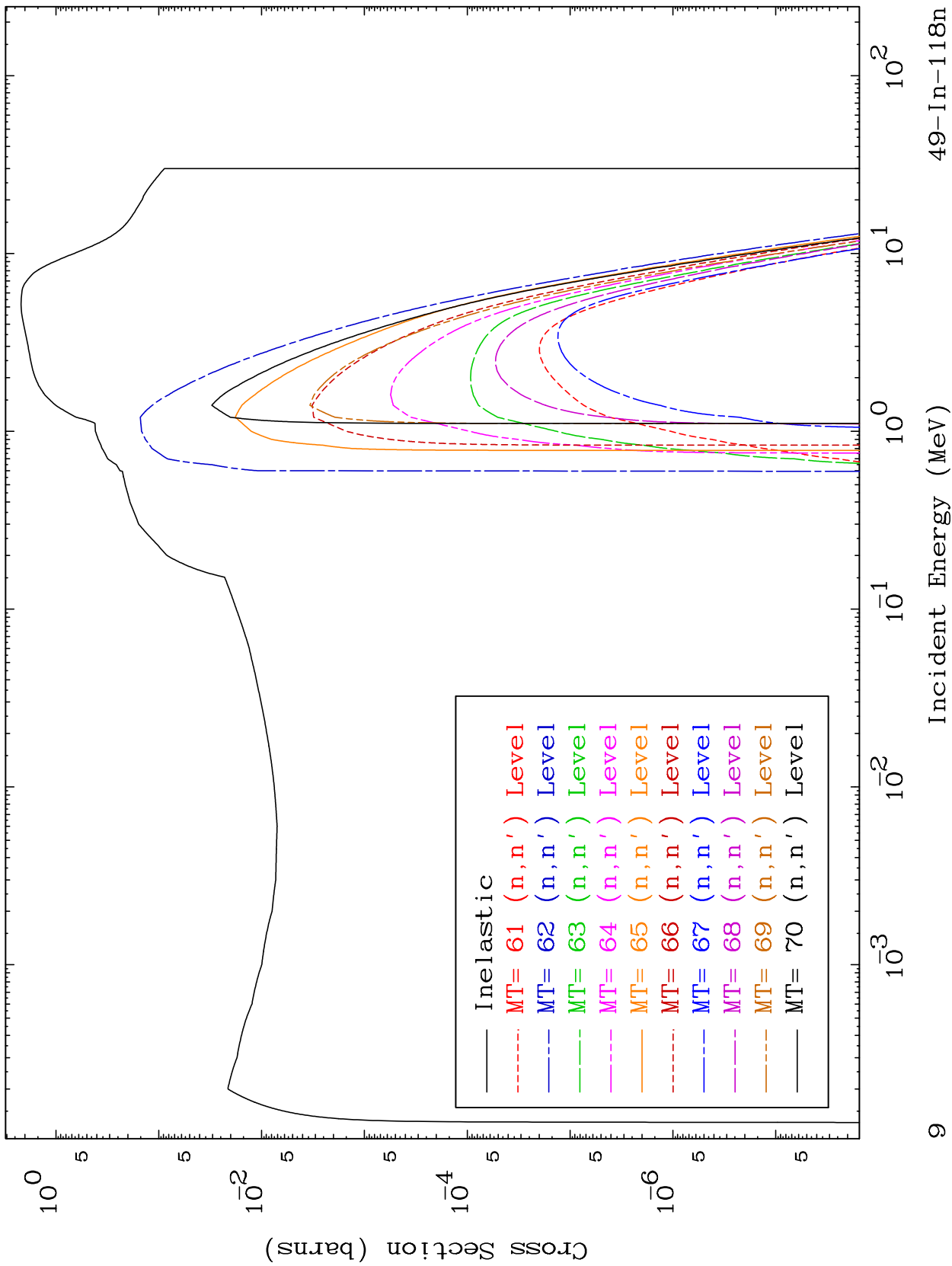
49-In-118n



MAT 4942

(n,n') Levels
293 Kelvin Cross Sections

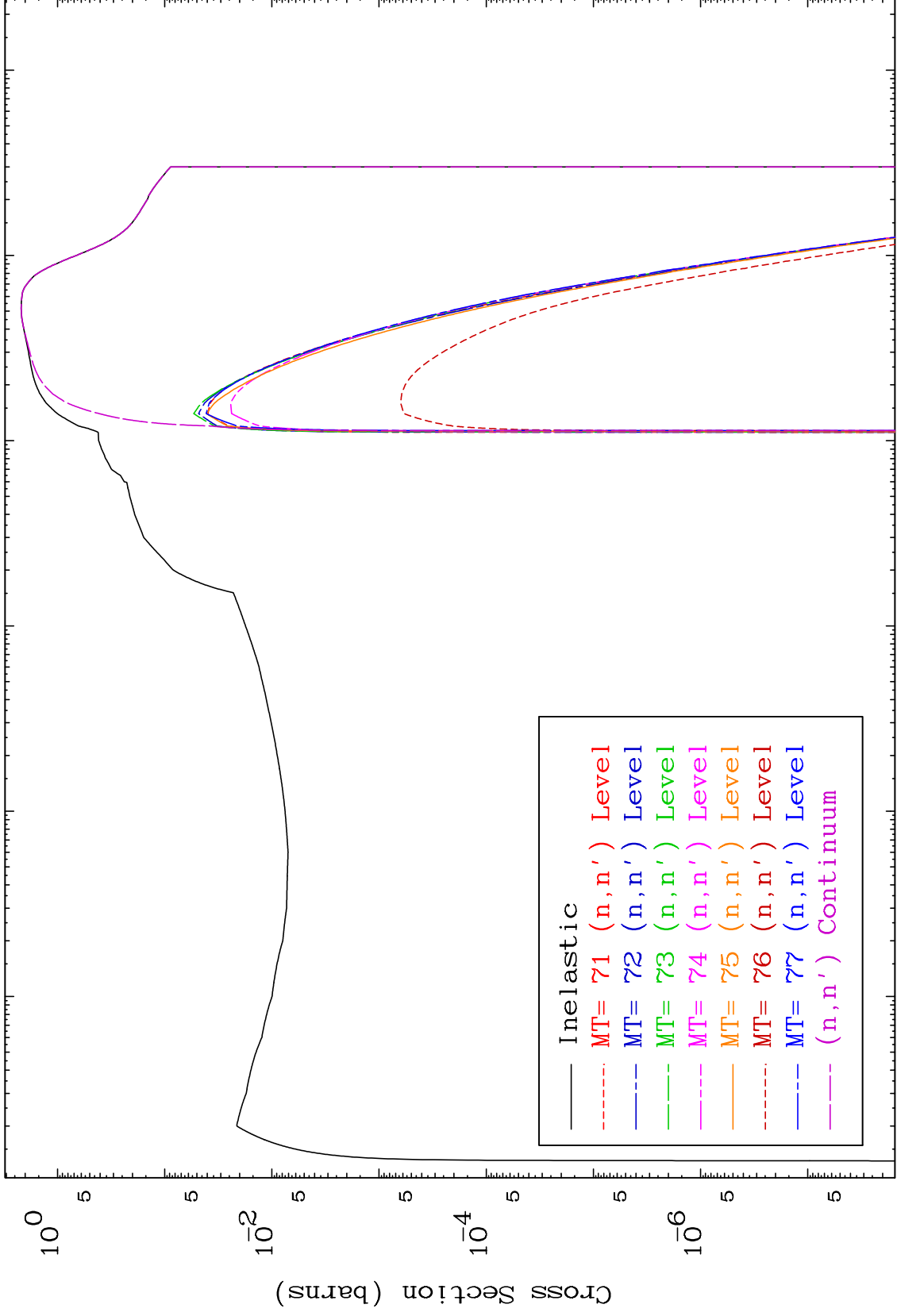
49-In-118n



MAT 4942

(n,n') Levels
293 Kelvin Cross Sections

49-In-118n



10

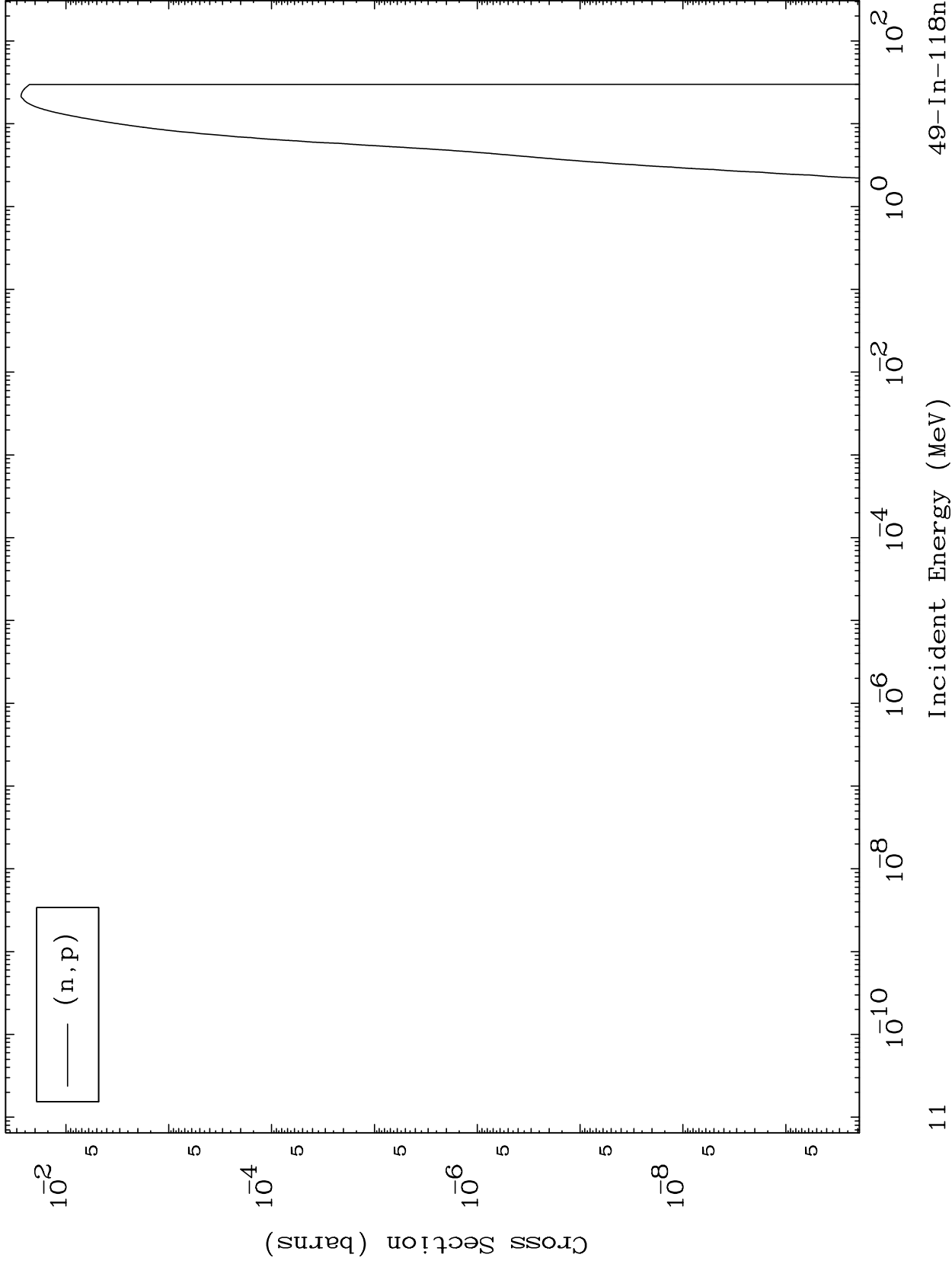
Incident Energy (MeV)

49-In-118n

MAT 4942

(n,p) Levels
293 Kelvin Cross Sections

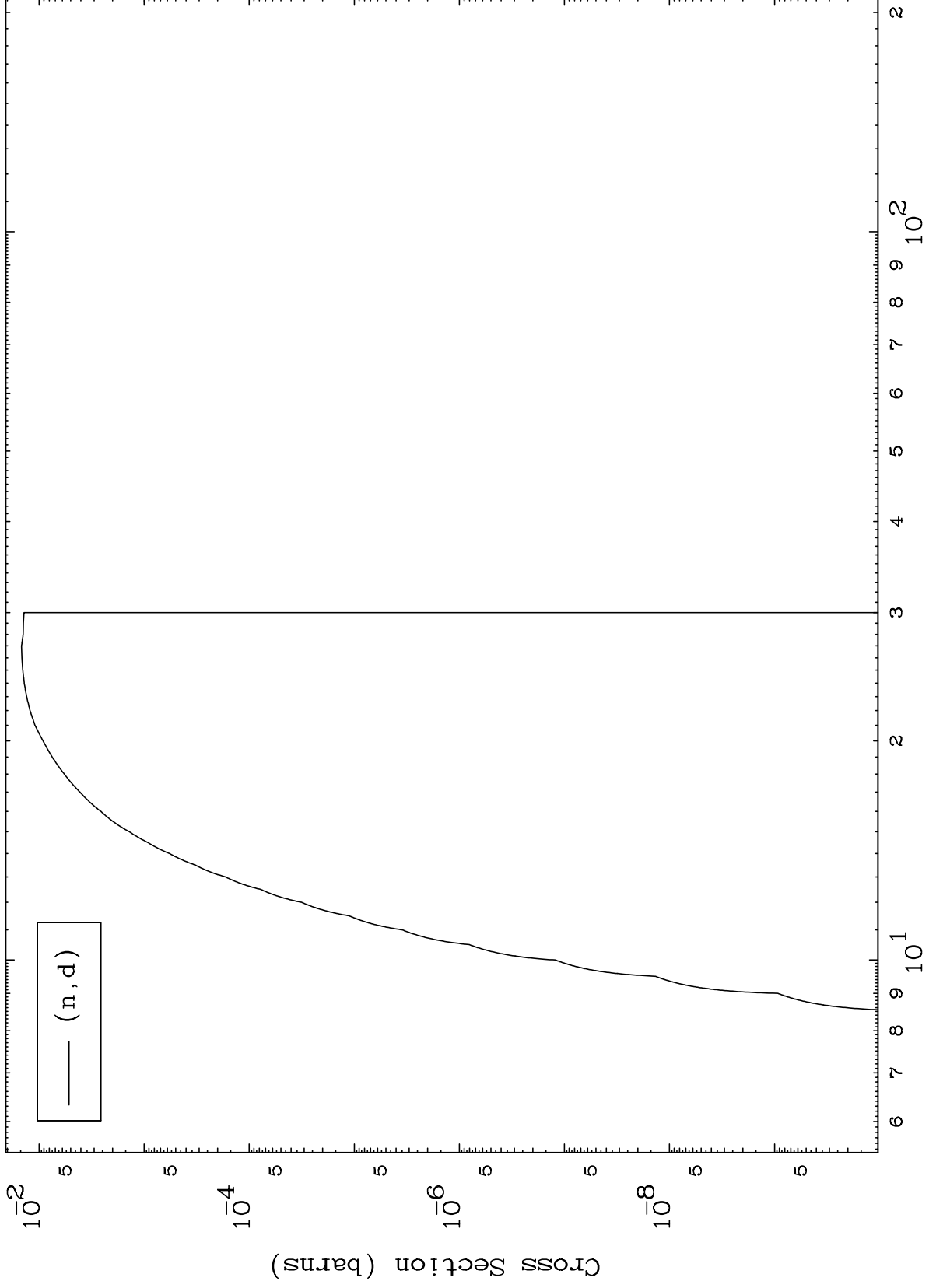
49-In-118n



MAT 4942

(n,d) Levels
293 Kelvin Cross Sections

49-In-118n



12

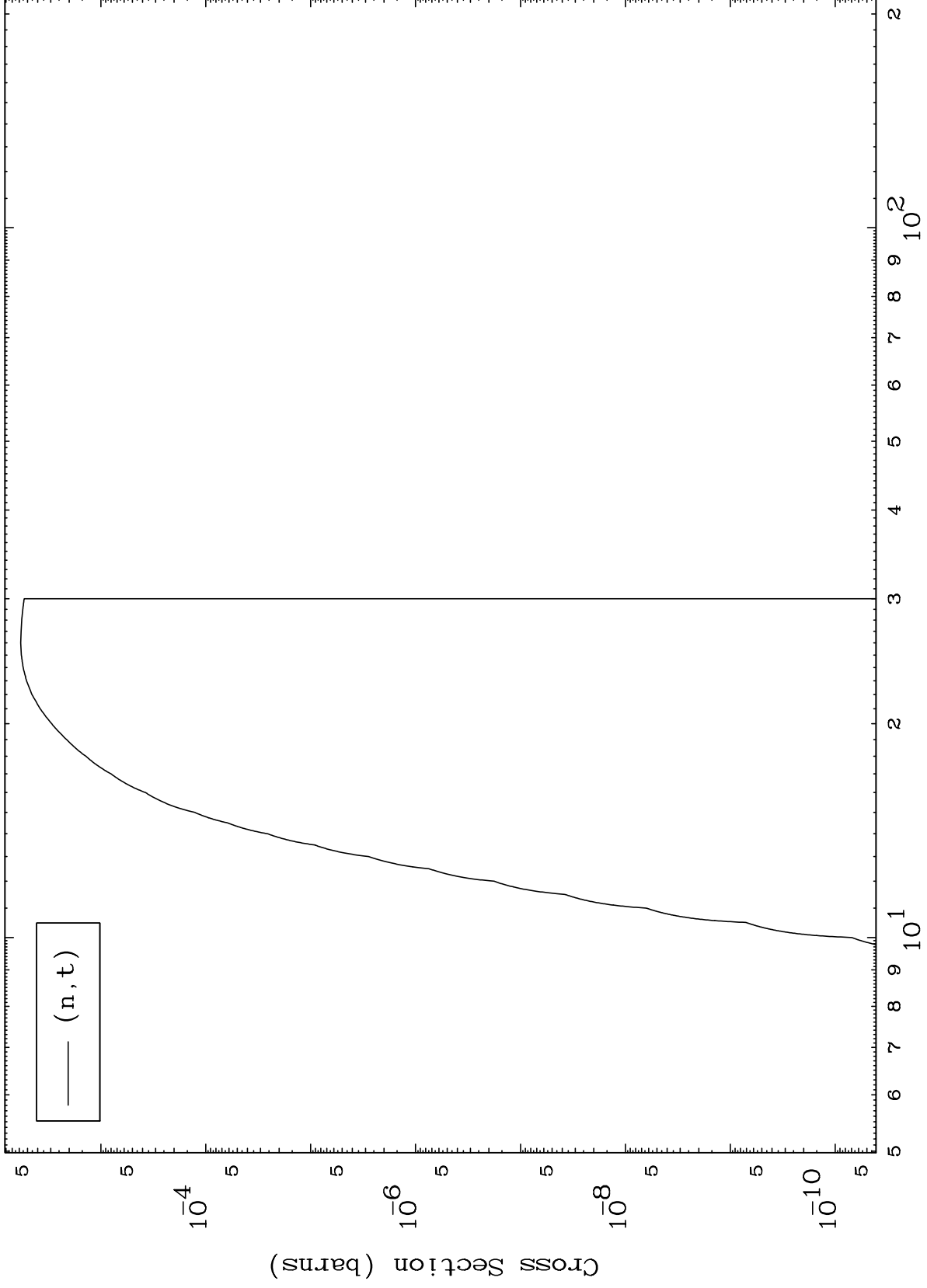
Incident Energy (MeV)

49-In-118n

MAT 4942

(n,t) Levels
293 Kelvin Cross Sections

49-In-118n



13

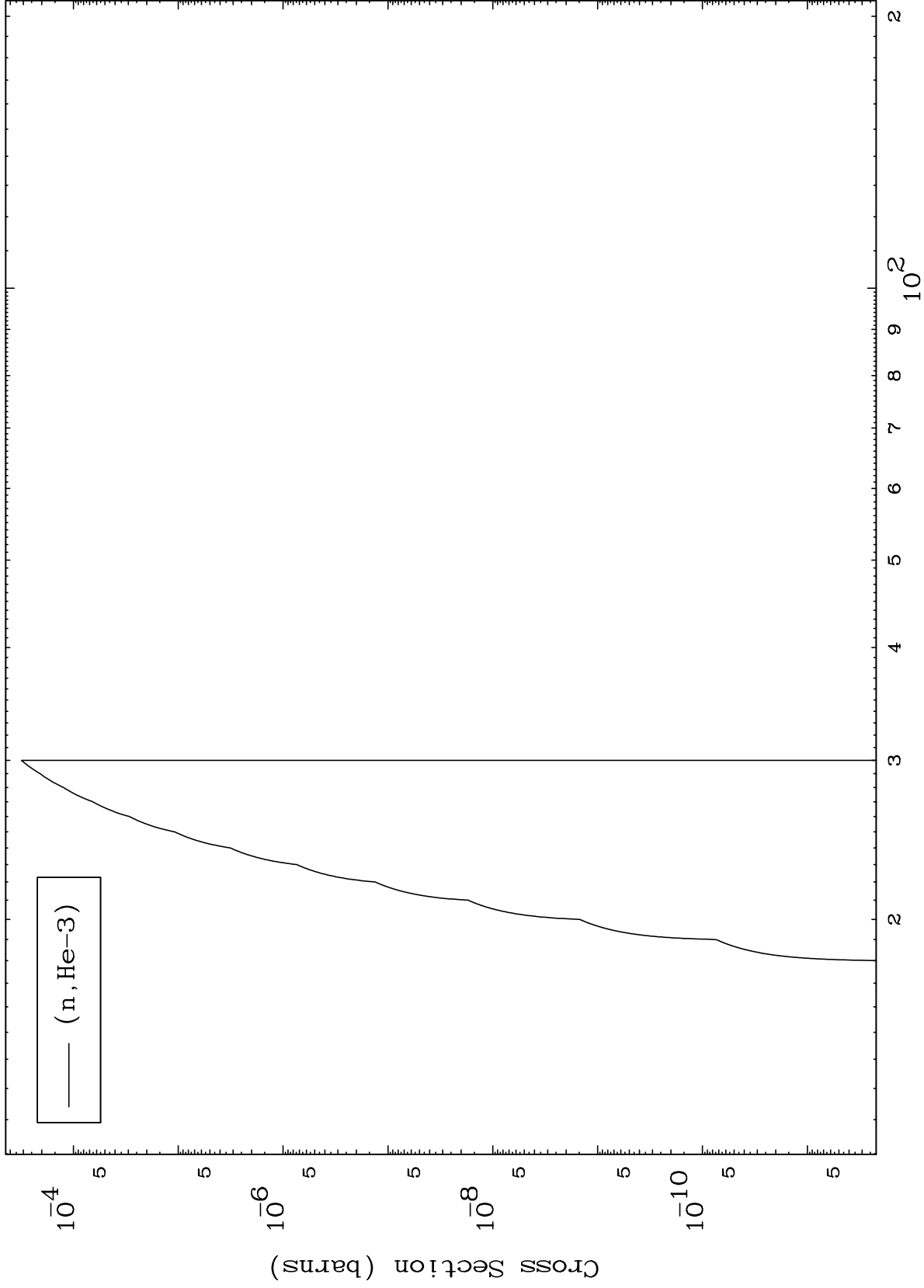
Incident Energy (MeV)

49-In-118n

MAT 4942

(n,He3) Levels
293 Kelvin Cross Sections

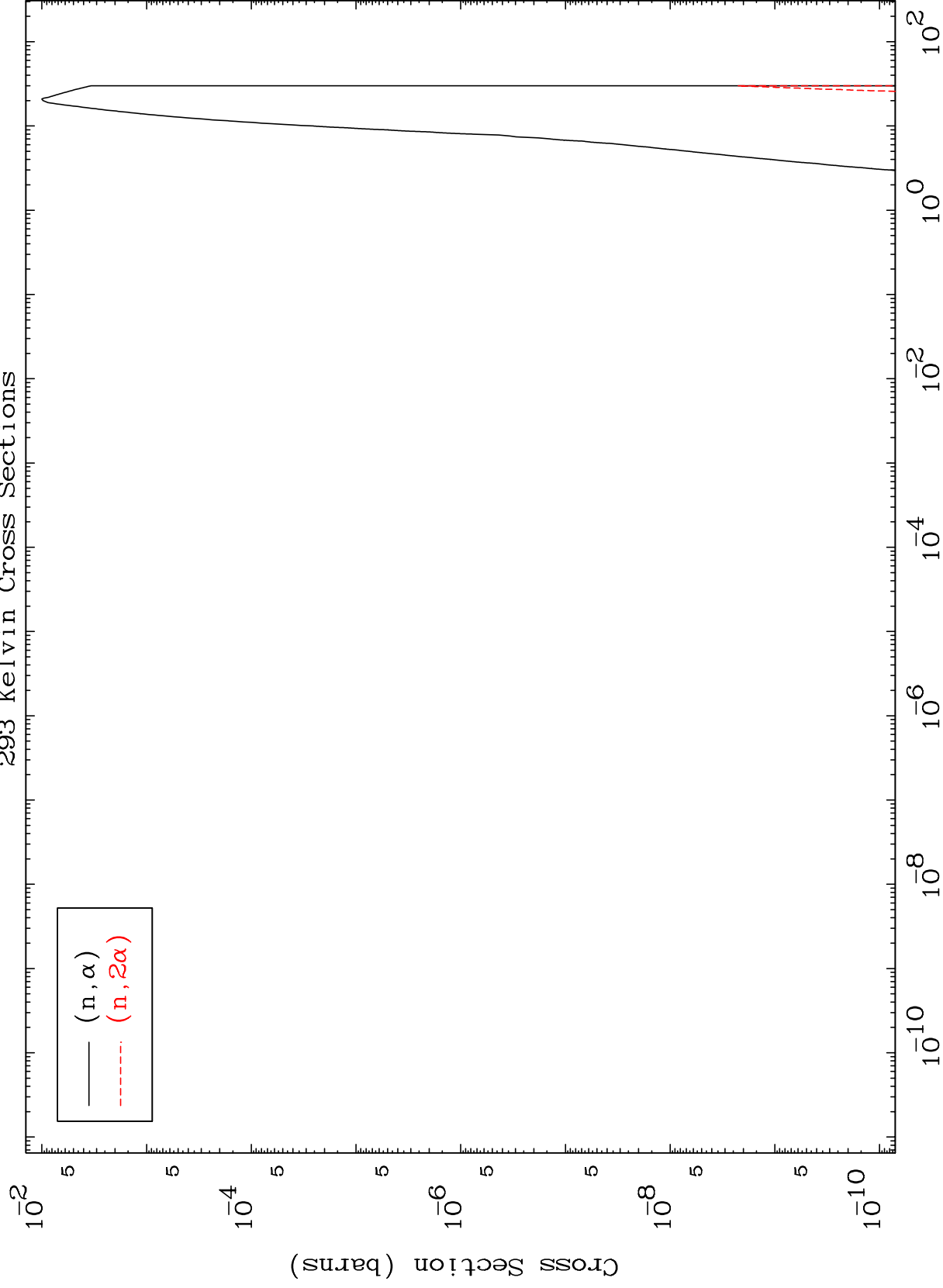
49-In-118n

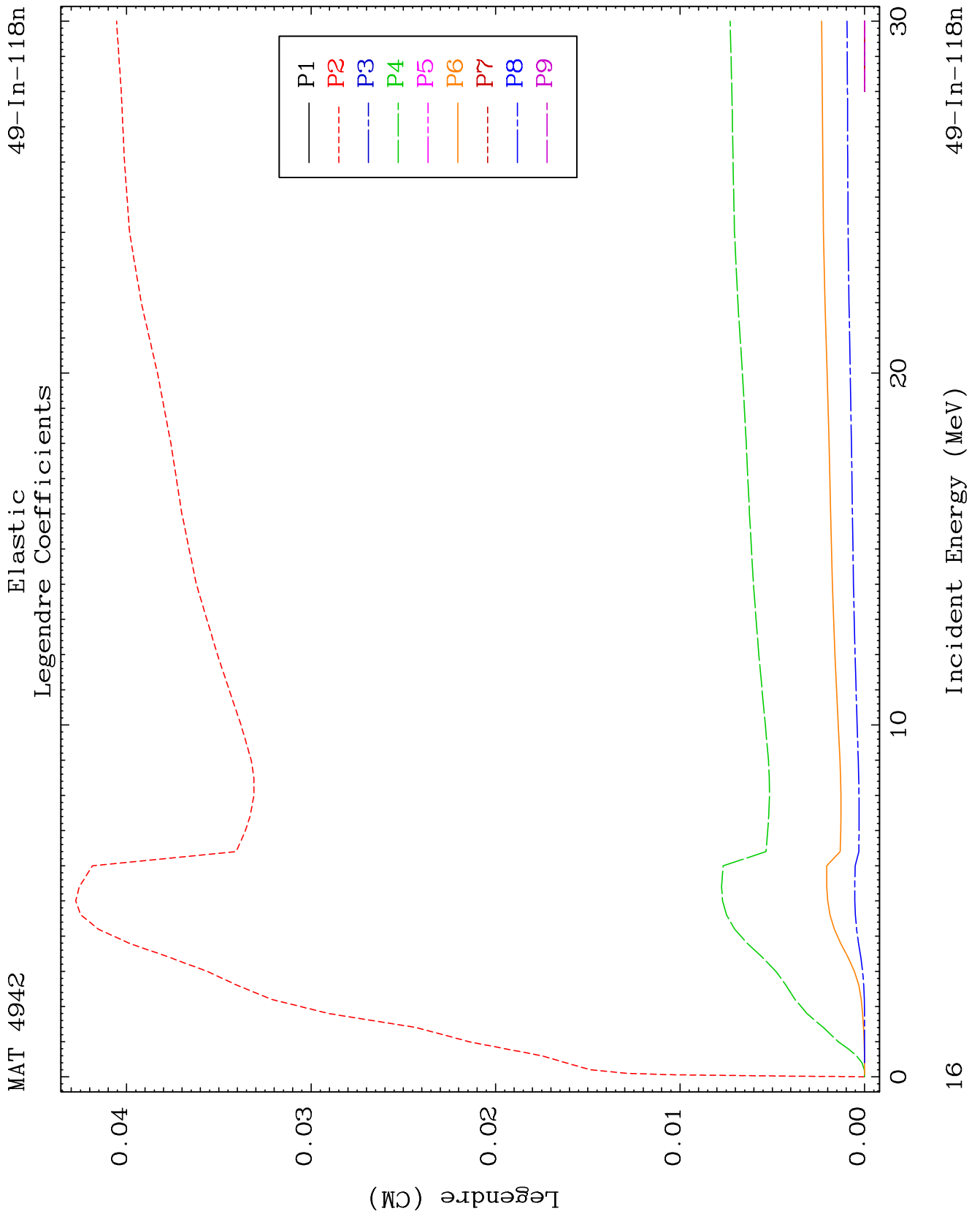


MAT 4942

(n, α) Levels
293 Kelvin Cross Sections

49-In-118n

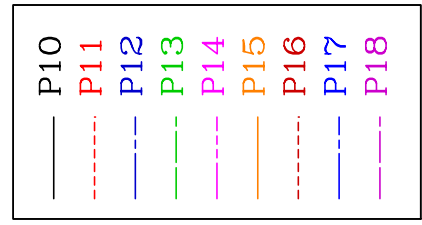




MAT 4942

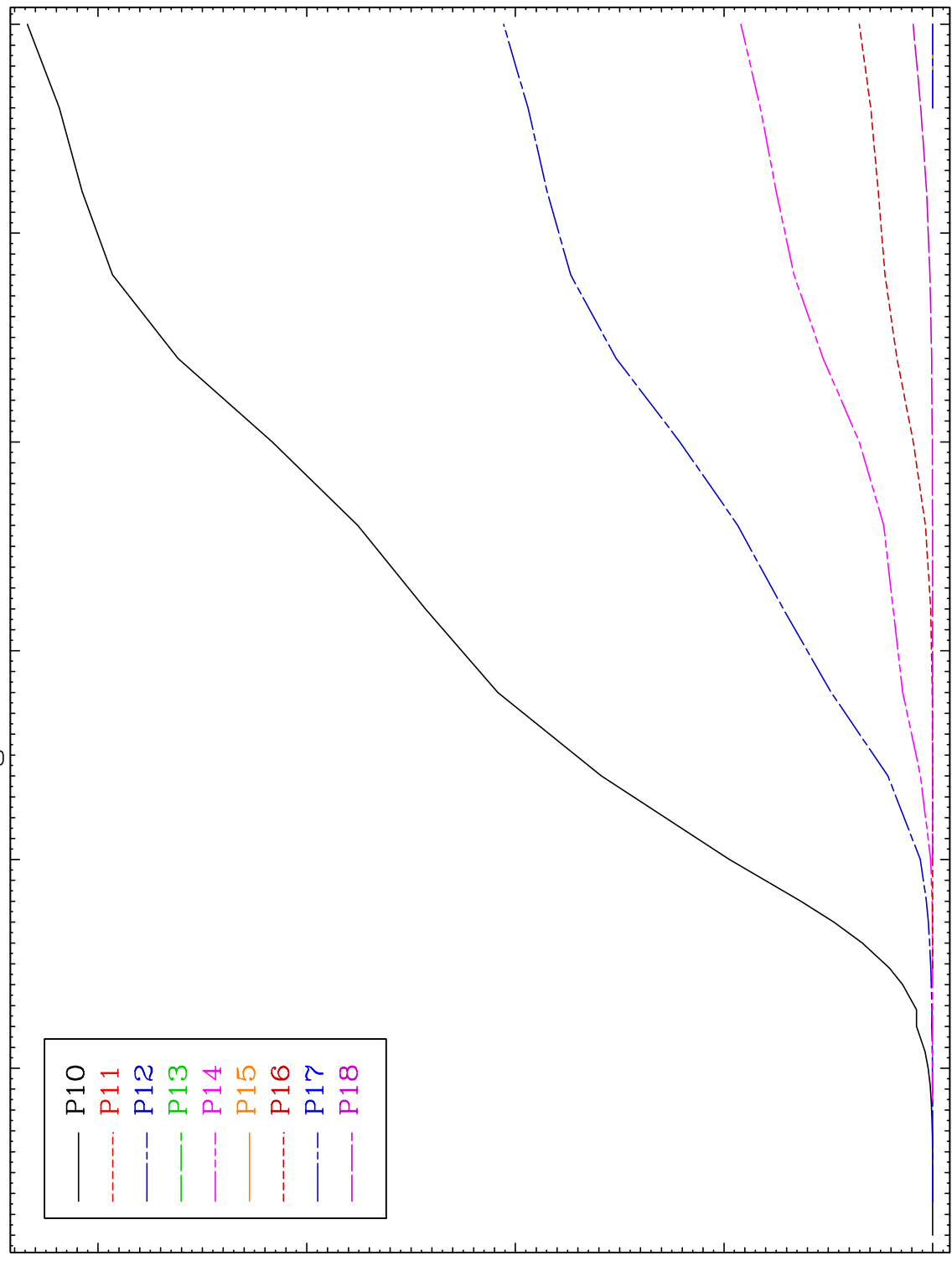
Elastic Legendre Coefficients

49-In-118n



$\times 10^{-4}$

Legendre (CM)



17

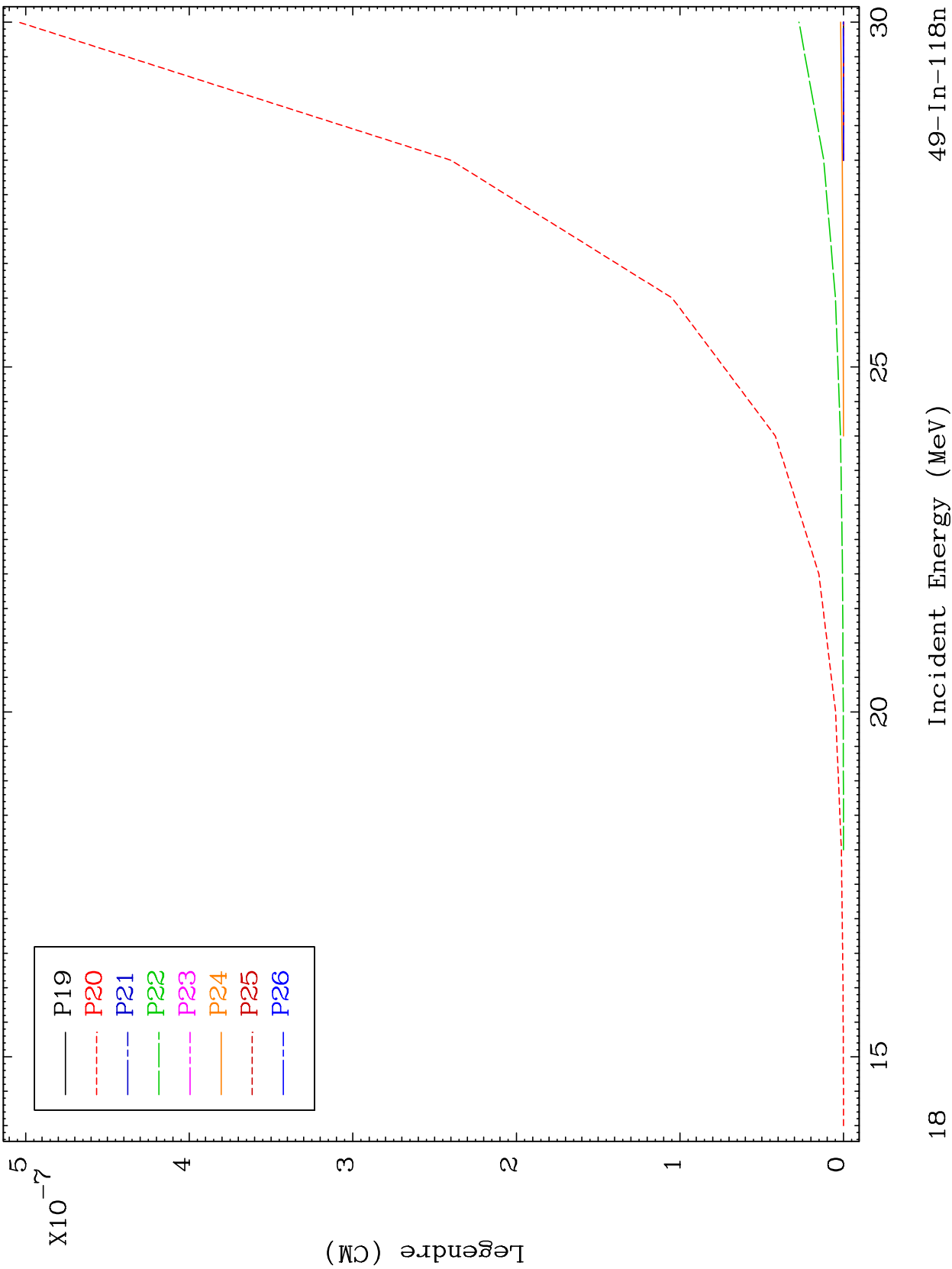
Incident Energy (MeV)

49-In-118n

MAT 4942

Elastic
Legendre Coefficients

49-In-118n



18

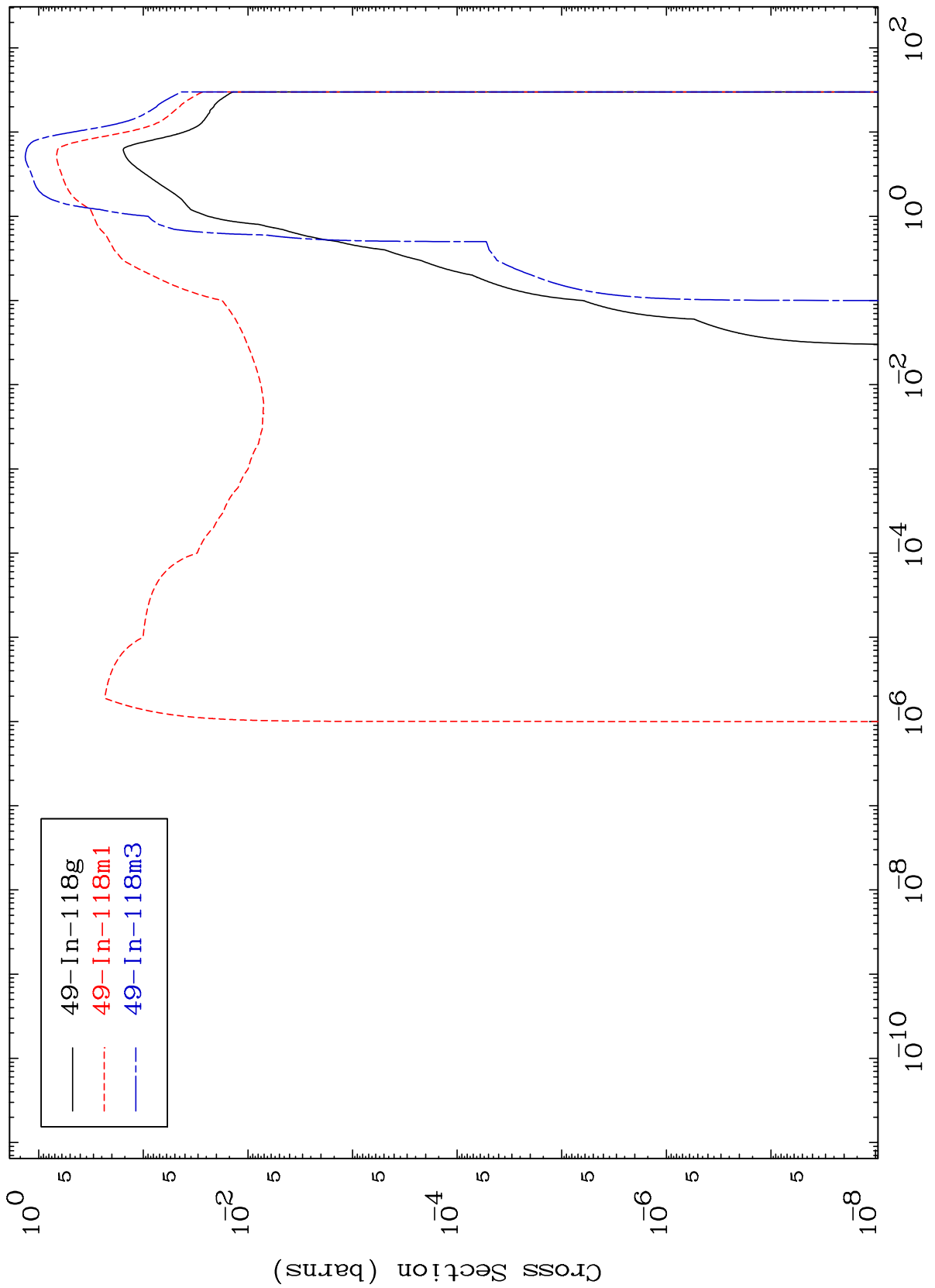
Incident Energy (MeV)

49-In-118n

MAT 4942

49-In-118n

Inelastic
Radionuclide Production Cross Section



49-In-118g
49-In-118m1
49-In-118m3

49-In-118n

Incident Energy (MeV)

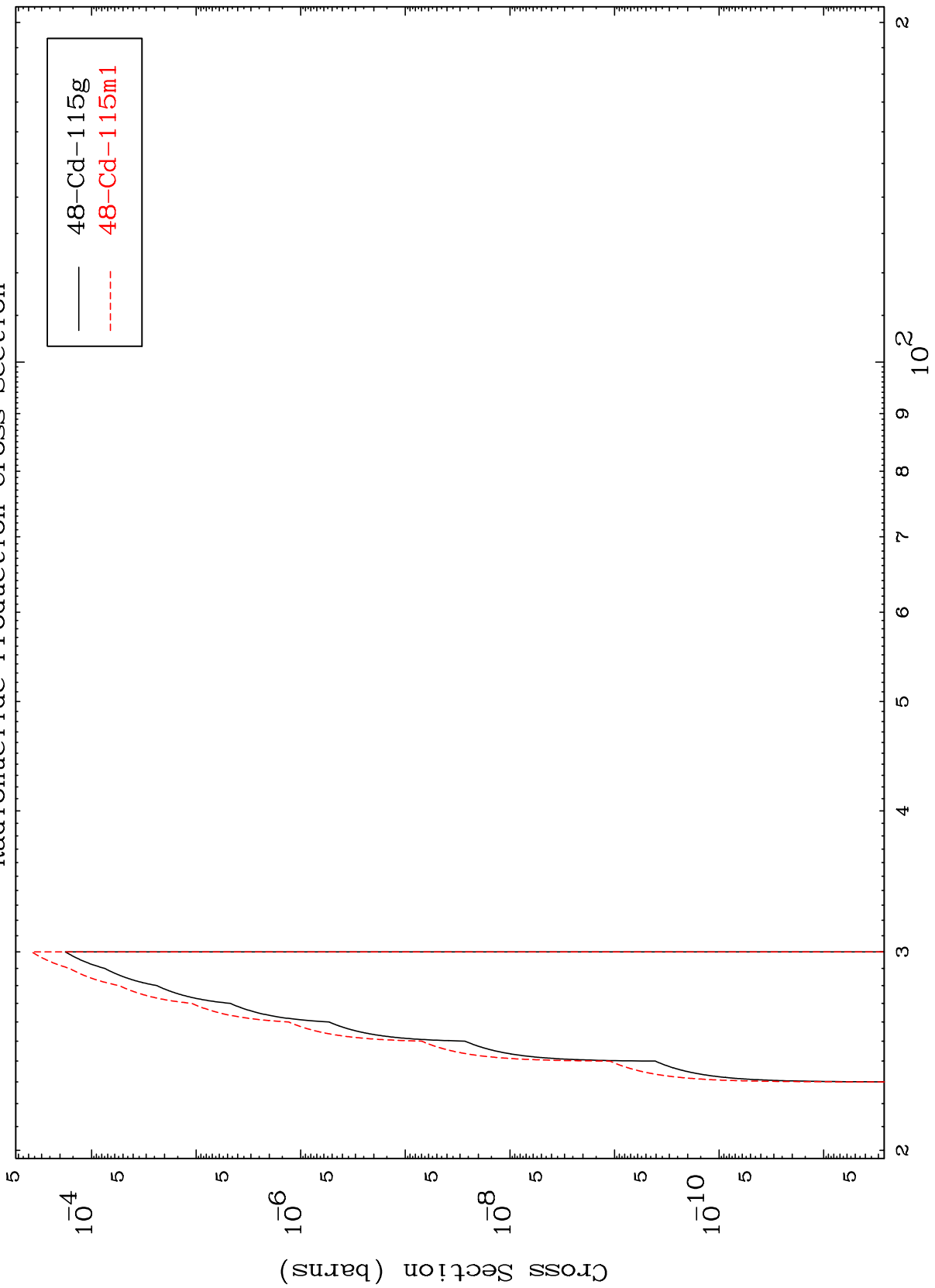
19

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(n,2n) d

49-In-118n

Radionuclide Production Cross Section



48-Cd-115g
48-Cd-115m1

20

Incident Energy (MeV)

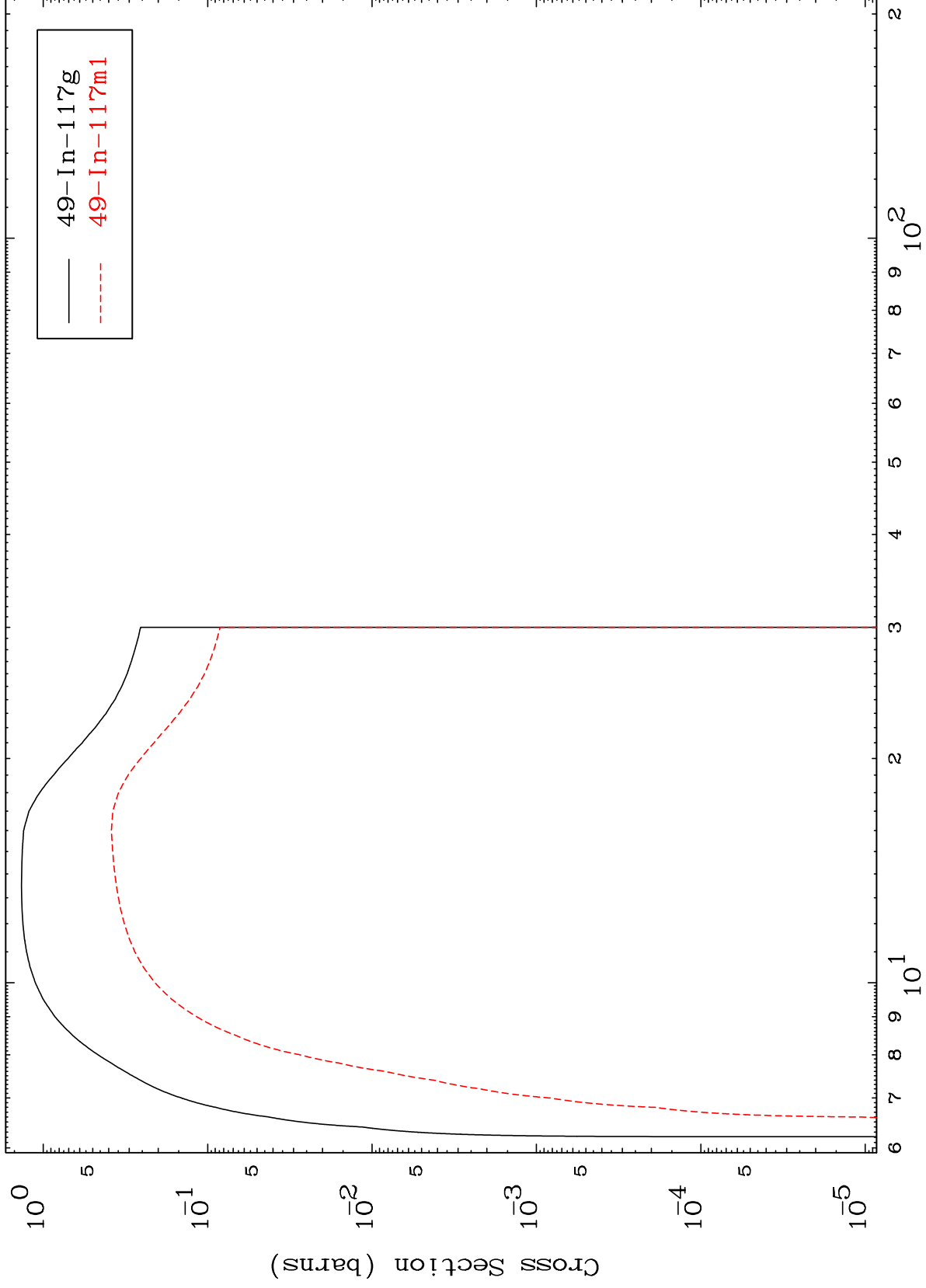
49-In-118n

MAT 4942

(n,2n)

49-In-118n

Radionuclide Production Cross Section



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

Incident Energy (MeV)

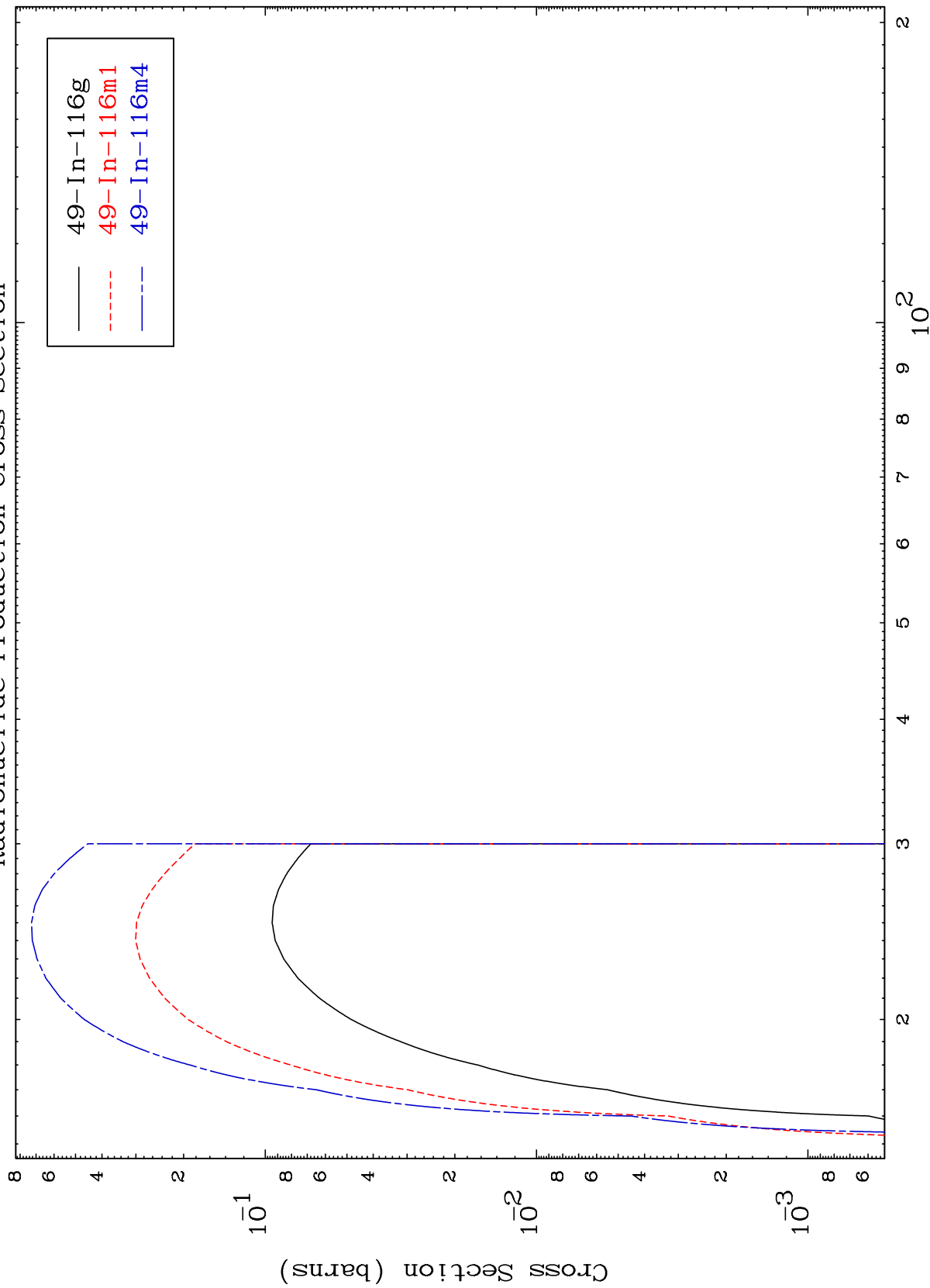
49-In-118n

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49-In-118n

(n,3n)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

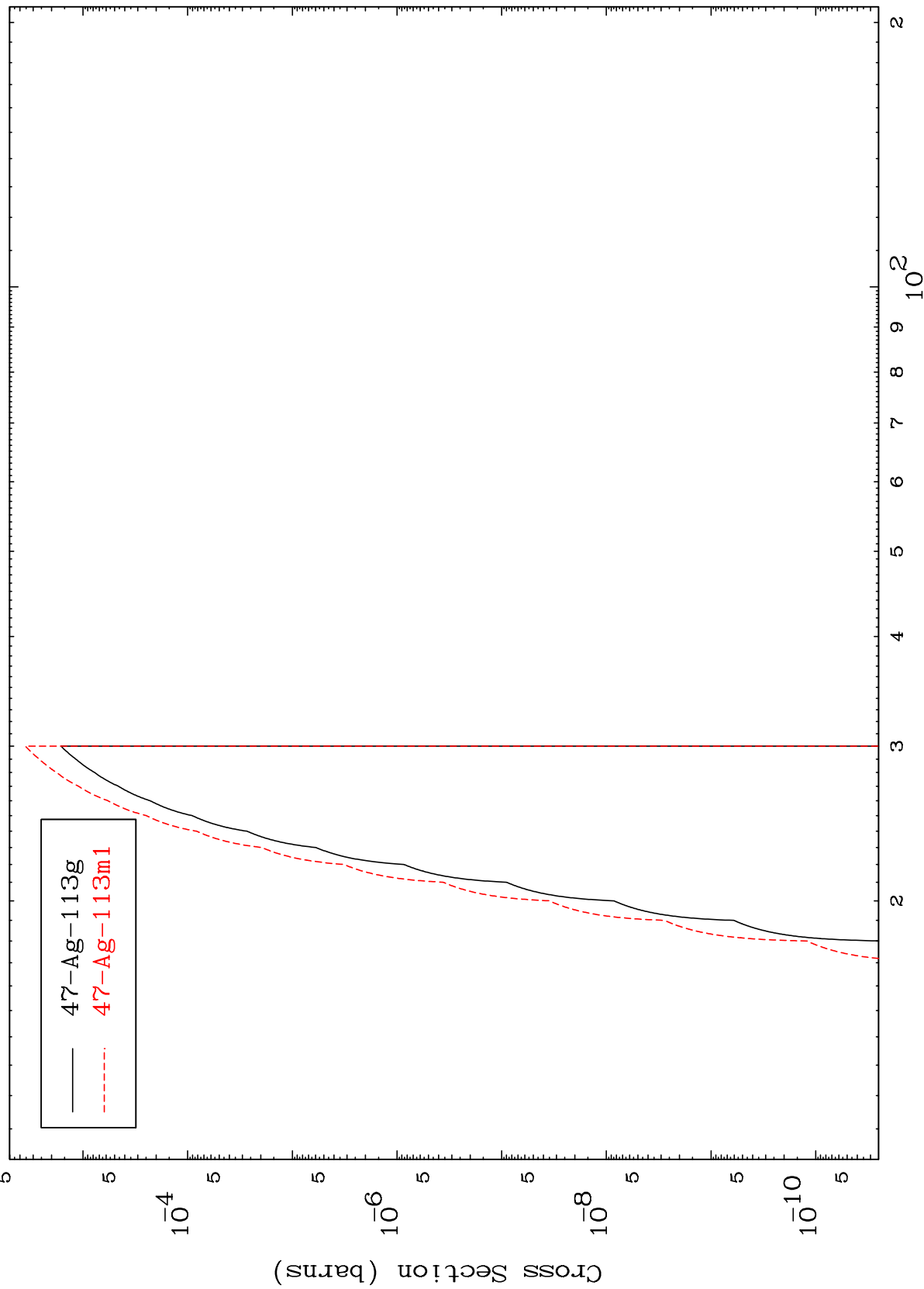
49-In-118n

MAT 4942

49-In-118n

(n,2n) α

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-118n

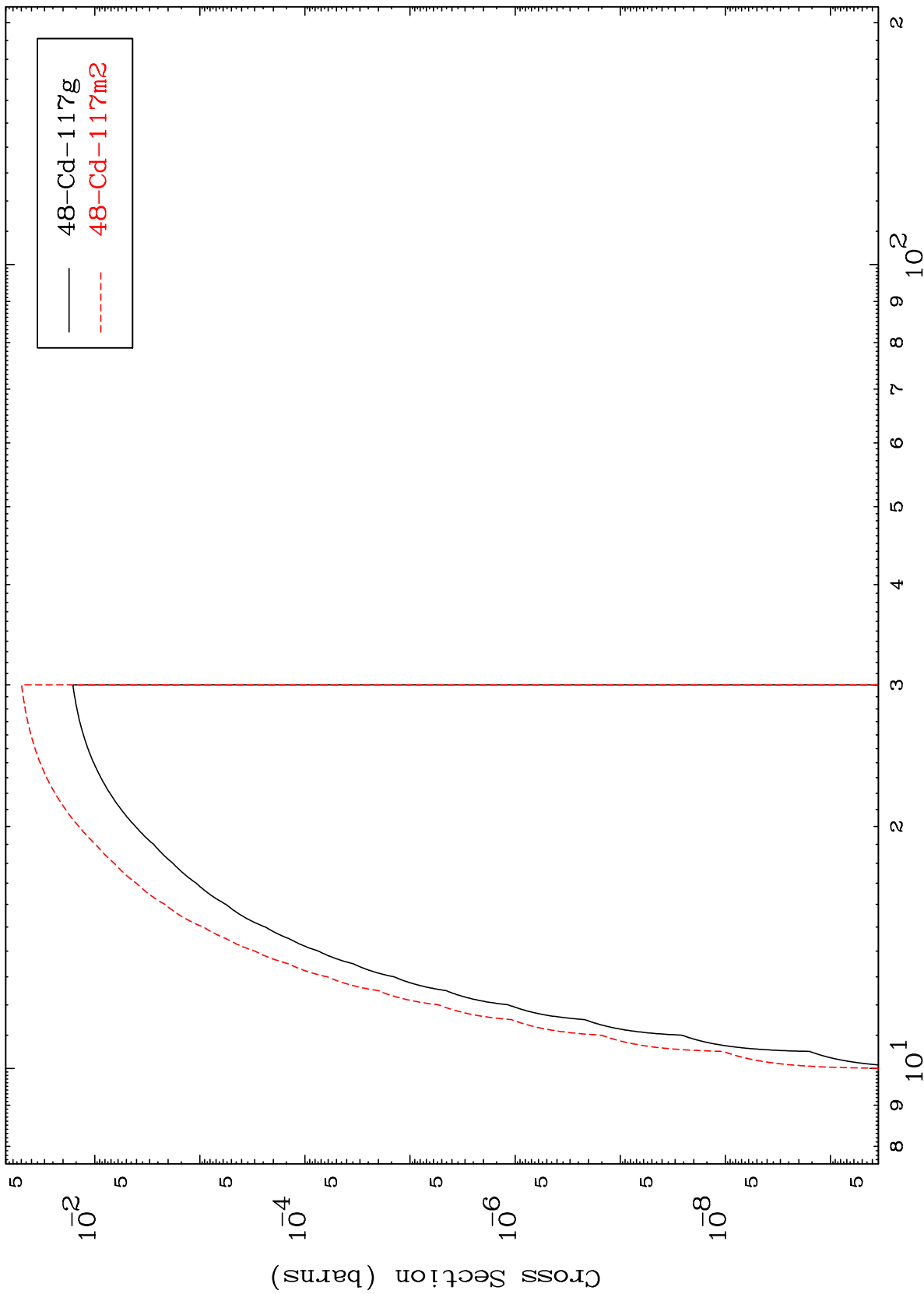
23

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(n,n') p

49-In-118n

Radionuclide Production Cross Section



24

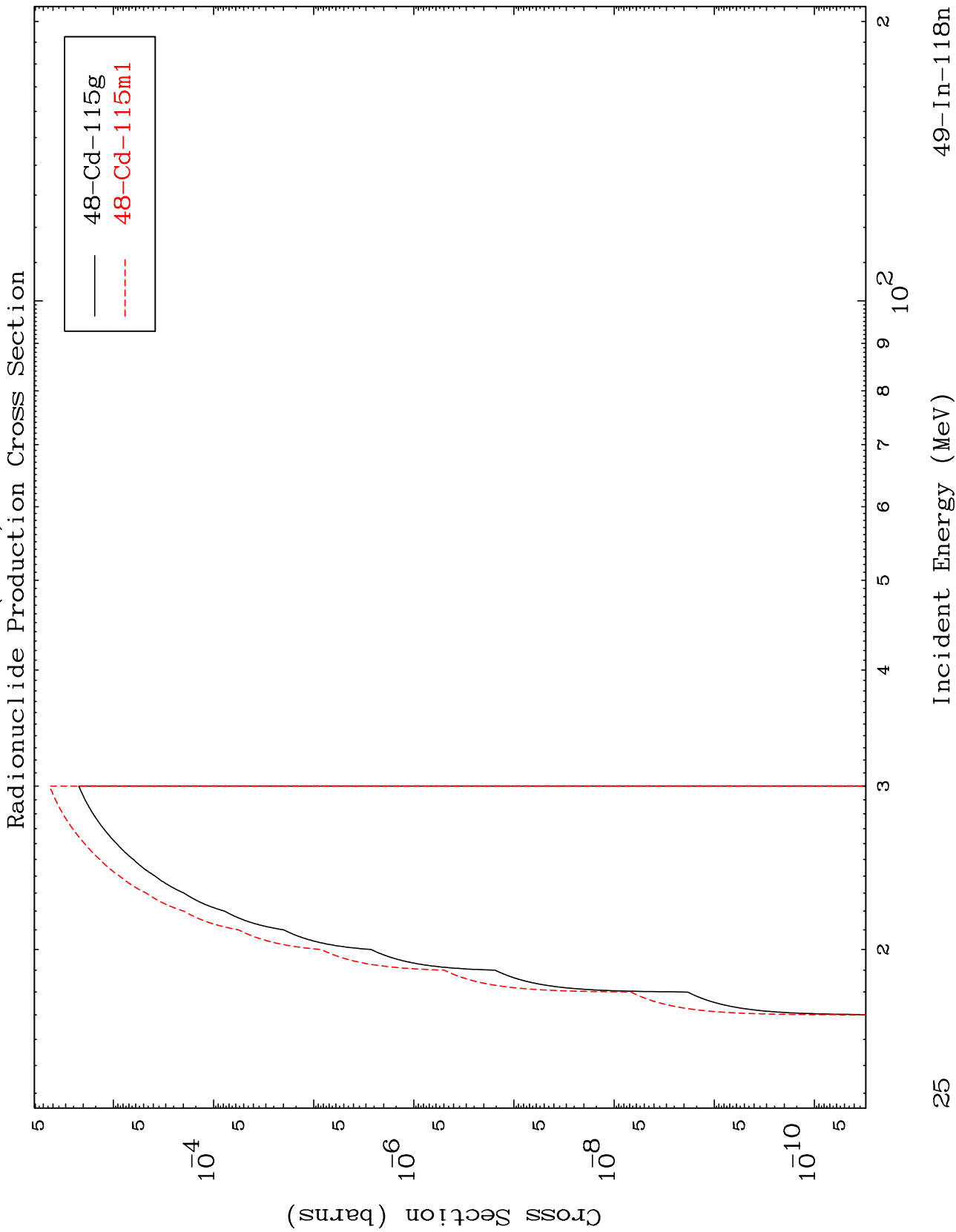
Incident Energy (MeV)

49-In-118n

MAT 4942

(n,n') t

49-In-118n

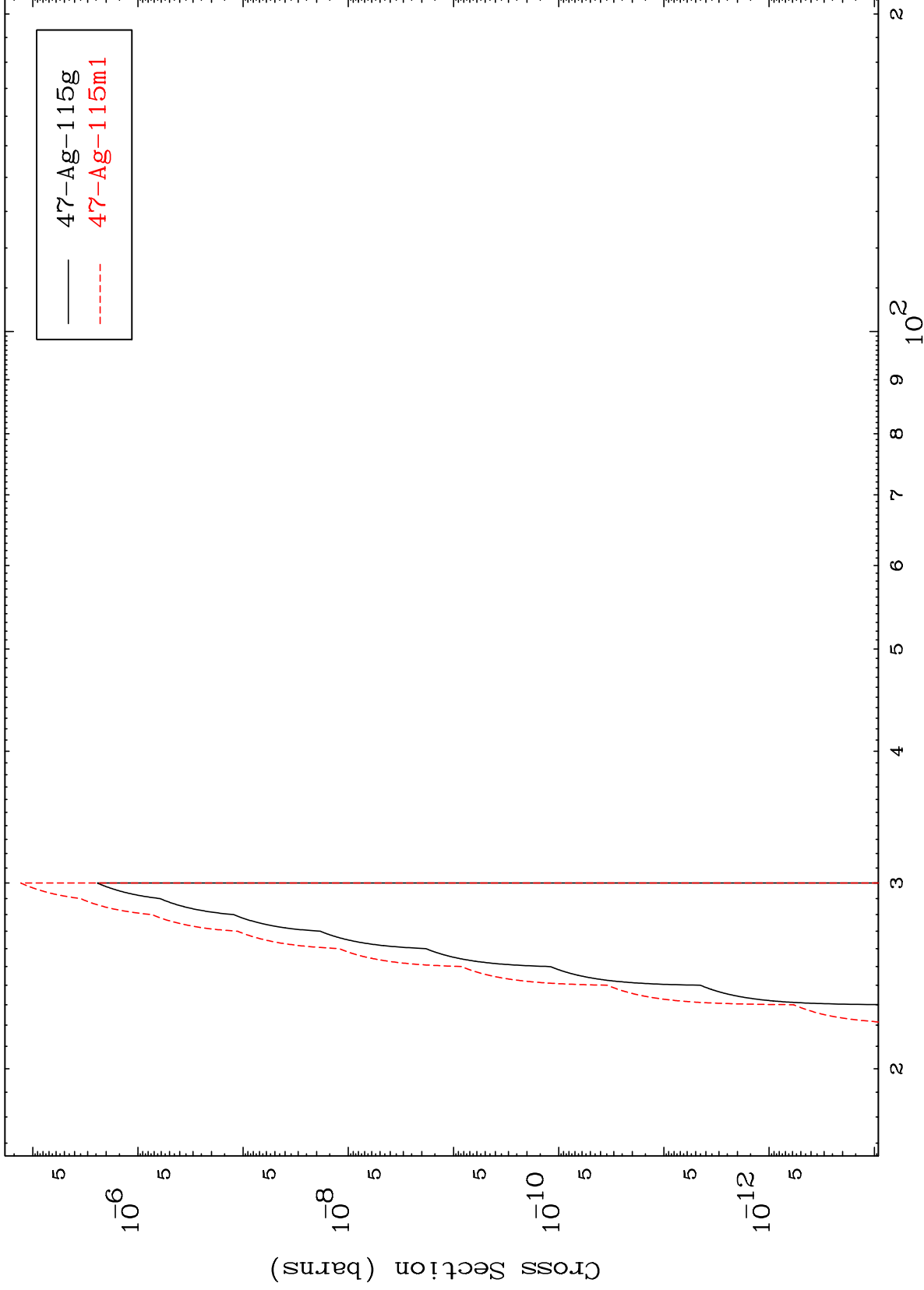


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(n,n') He-3

49-In-118n

Radionuclide Production Cross Section



26

Incident Energy (MeV)

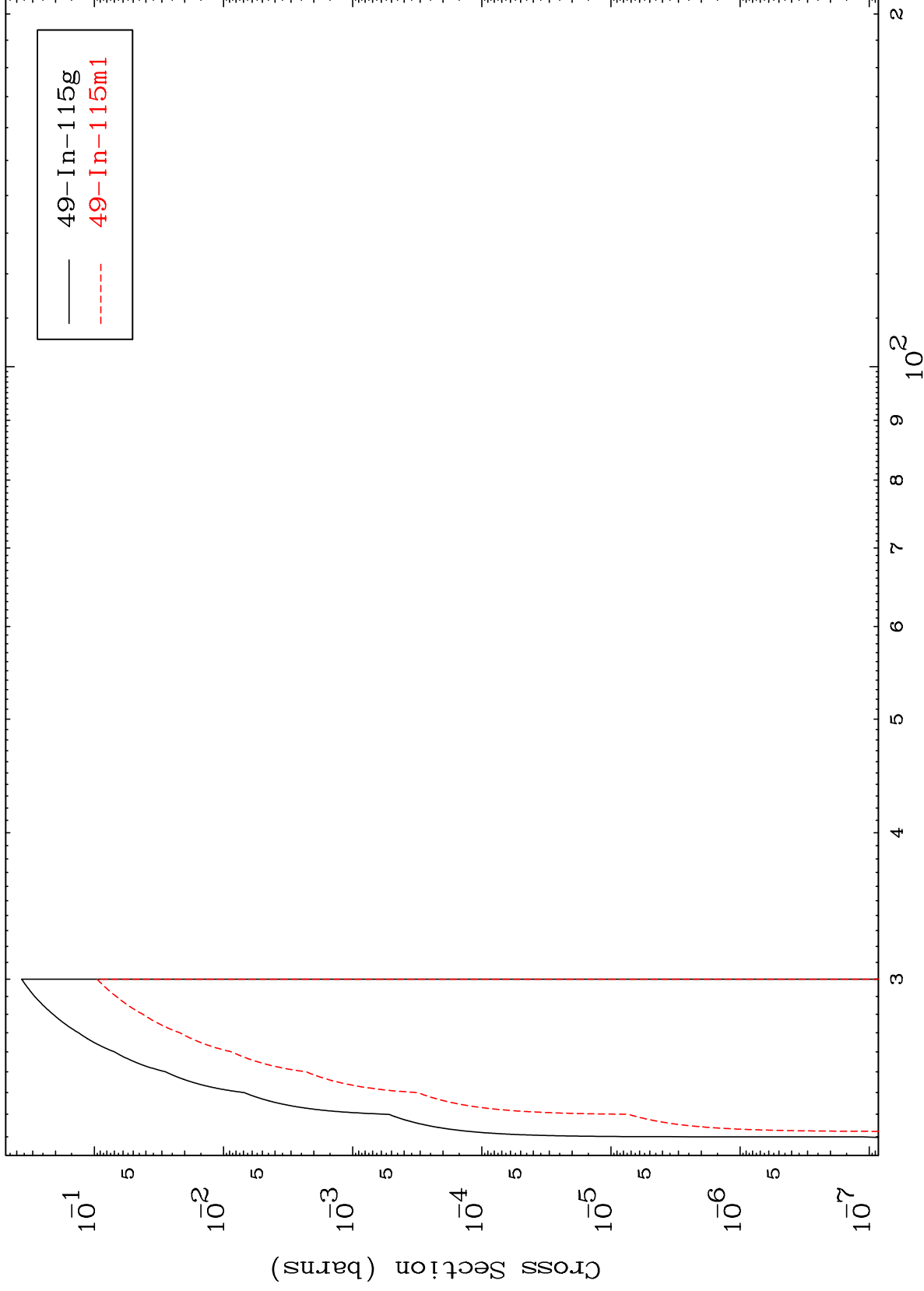
49-In-118n

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(n,4n)

49-In-118n

Radionuclide Production Cross Section



27

Incident Energy (MeV)

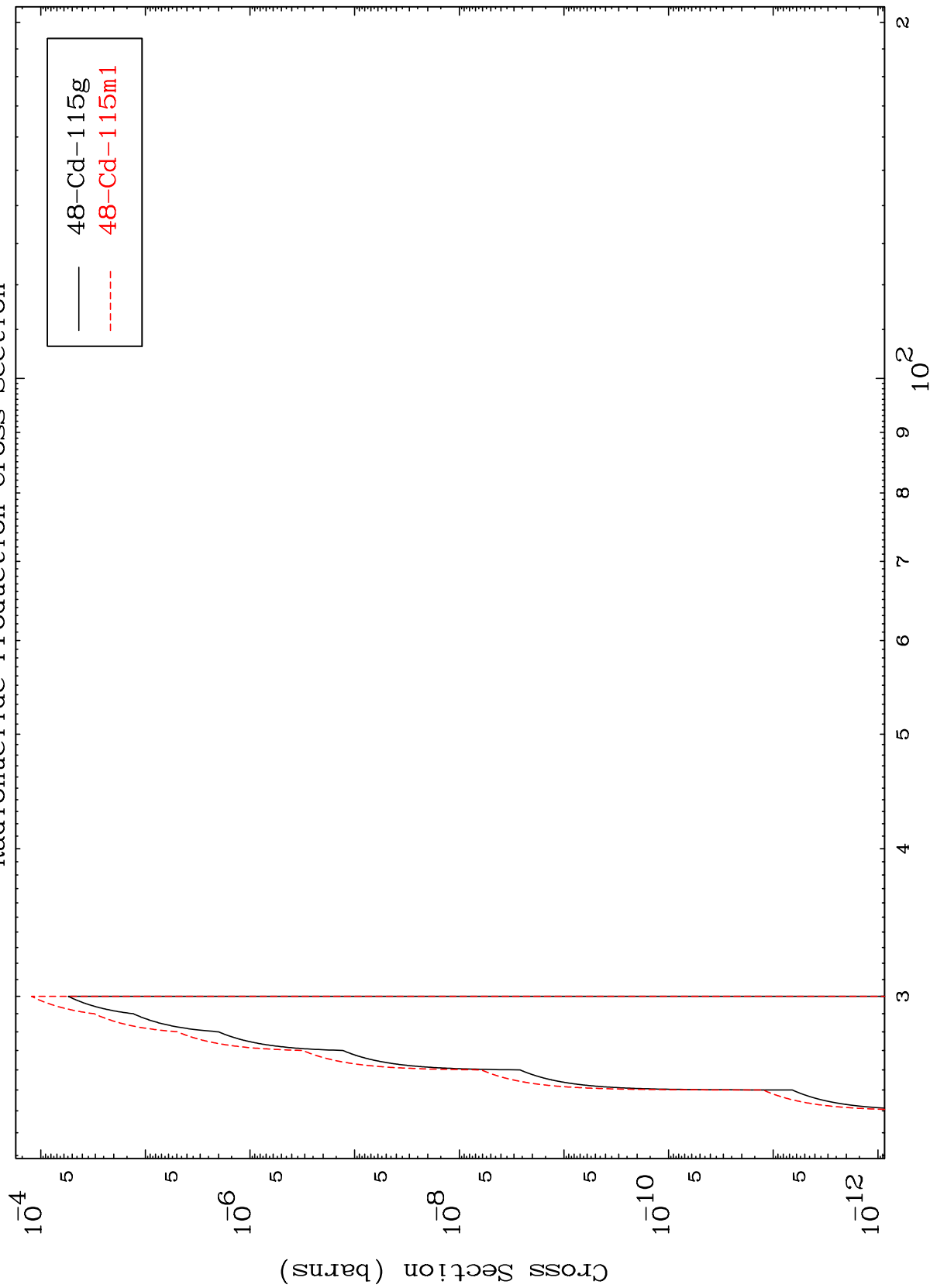
49-In-118n

MAT 4942

(n,3n) p

49-In-118n

Radionuclide Production Cross Section



28

Incident Energy (MeV)

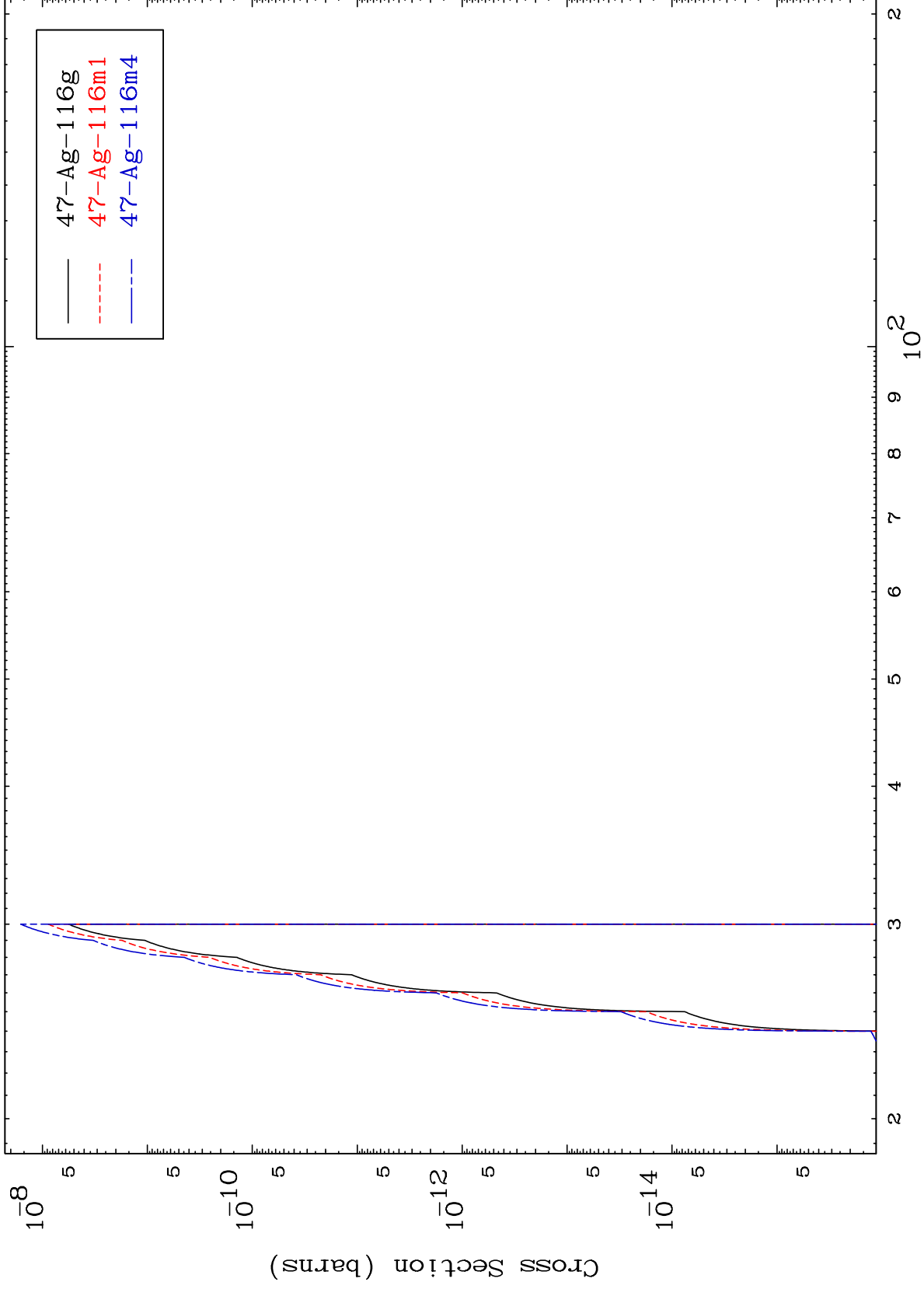
49-In-118n

MAT 4942

(n,2n) p

49-In-118n

Radionuclide Production Cross Section



29

Incident Energy (MeV)

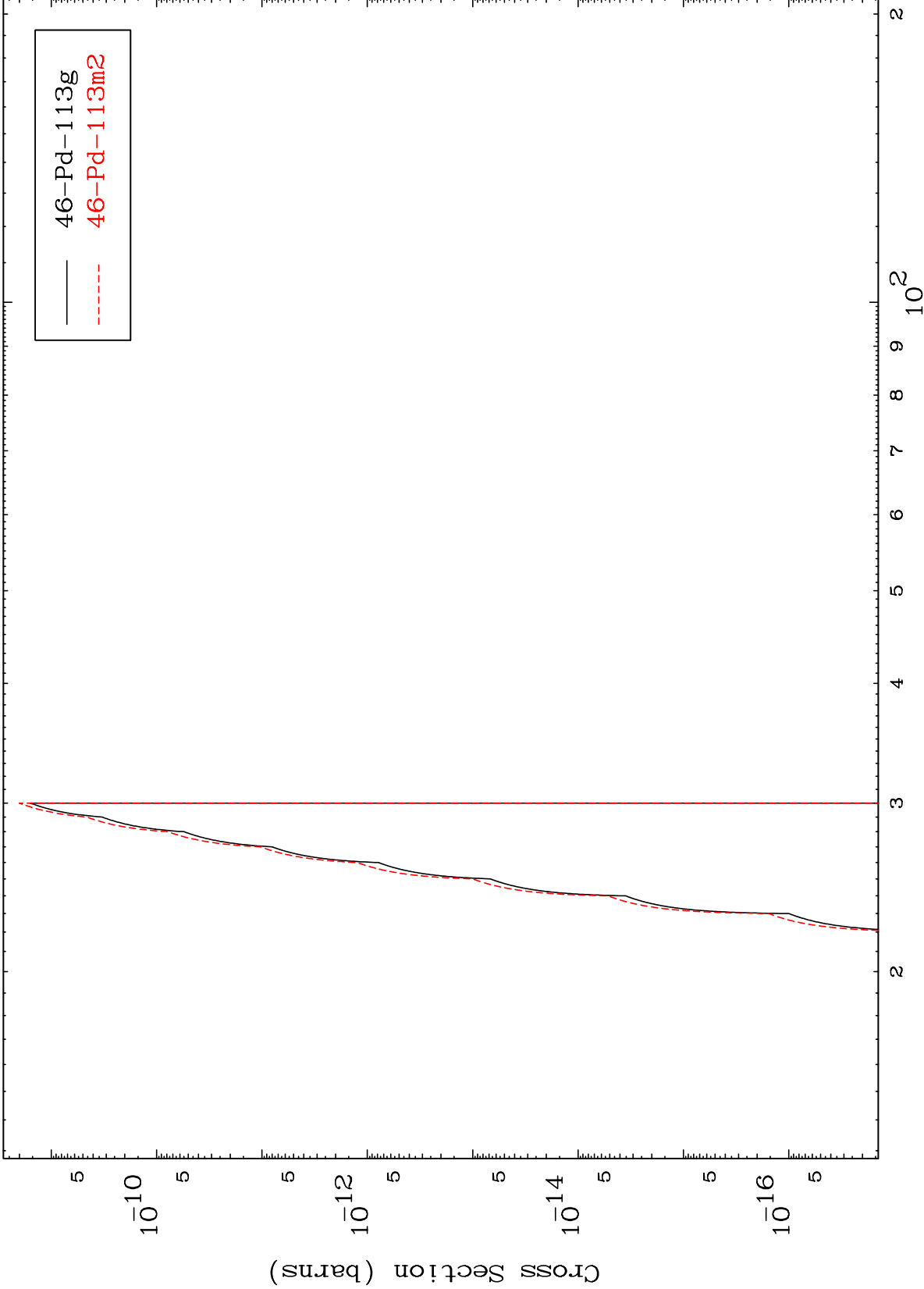
49-In-118n

MAT 4942

(n,n') p α

49-In-118n

Radionuclide Production Cross Section



30

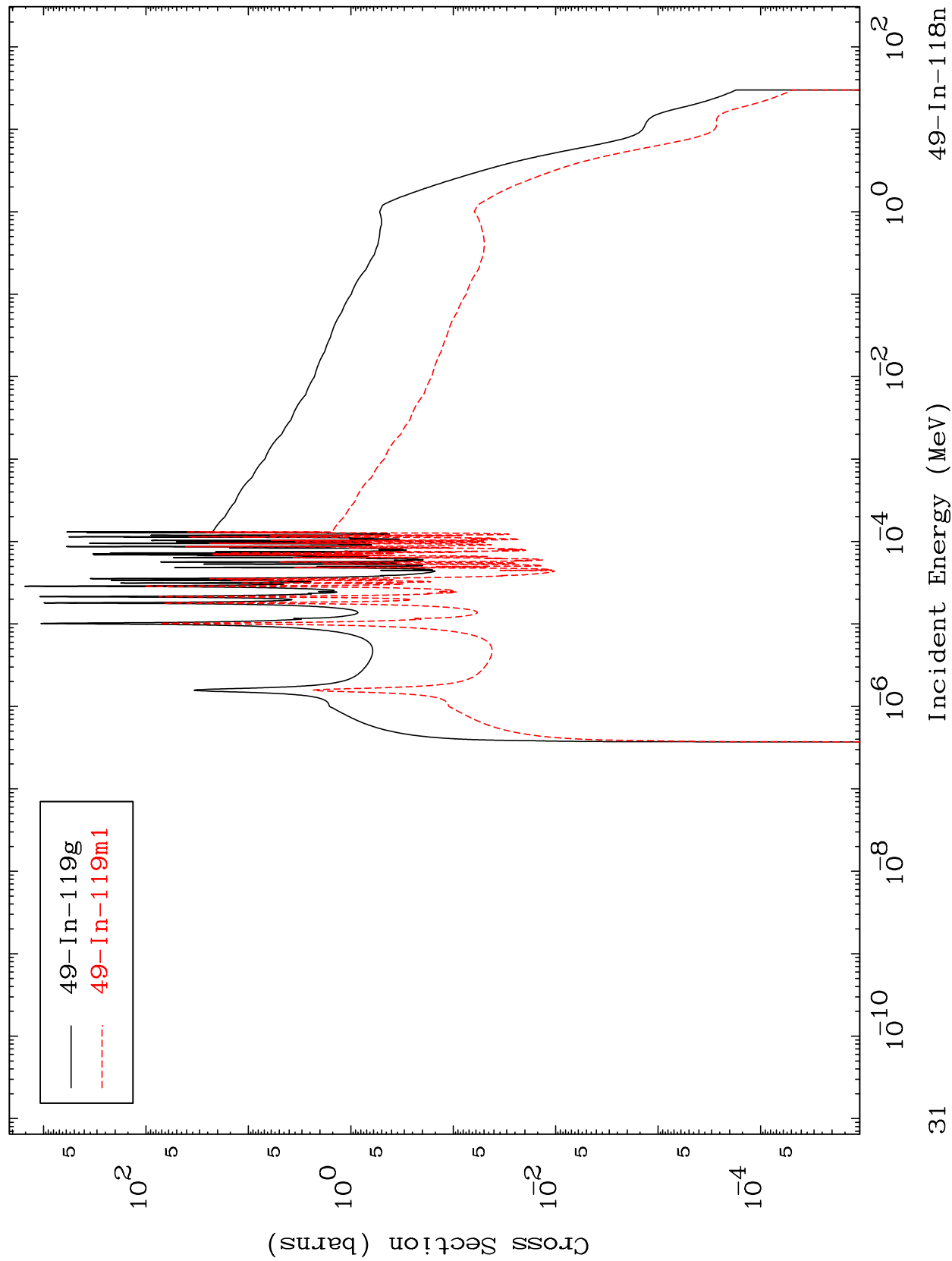
Incident Energy (MeV)

49-In-118n

MAT 4942

49-In-118n

(n,γ)
Radionuclide Production Cross Section

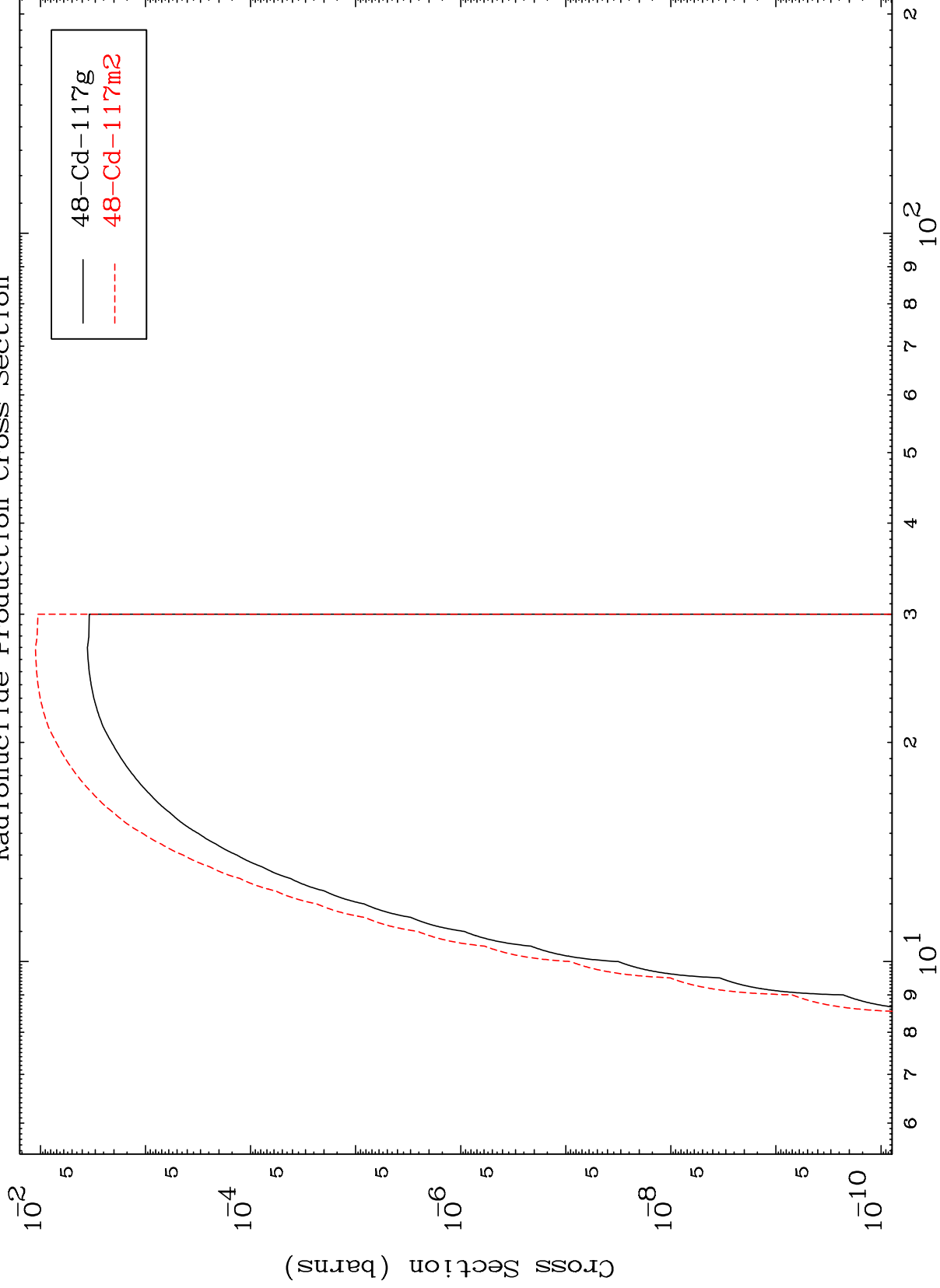


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(n,d)

49-In-118n

Radionuclide Production Cross Section



Incident Energy (MeV)

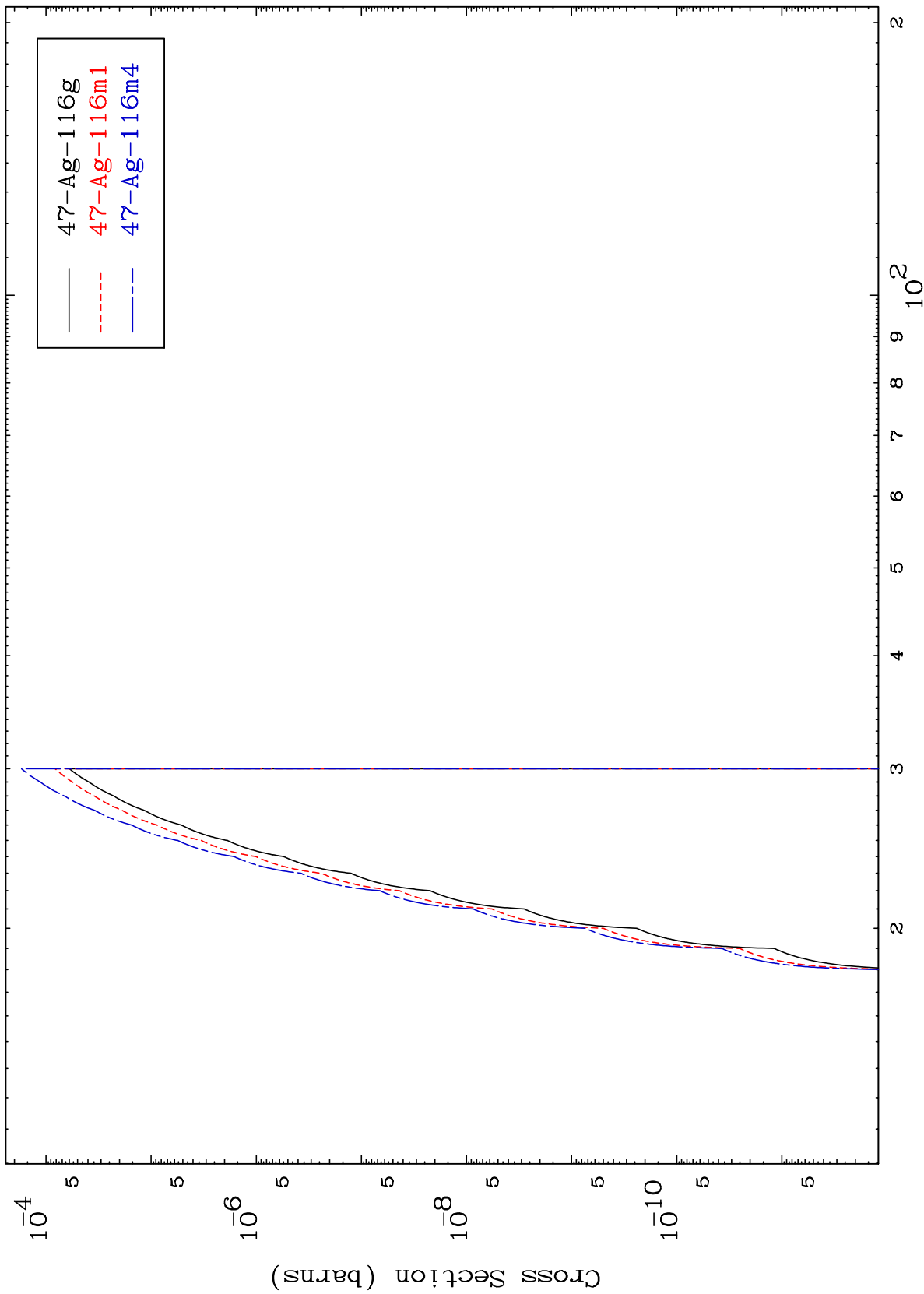
49-In-118n

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49-In-118n

(n,He-3)
Radionuclide Production Cross Section



49-In-118n

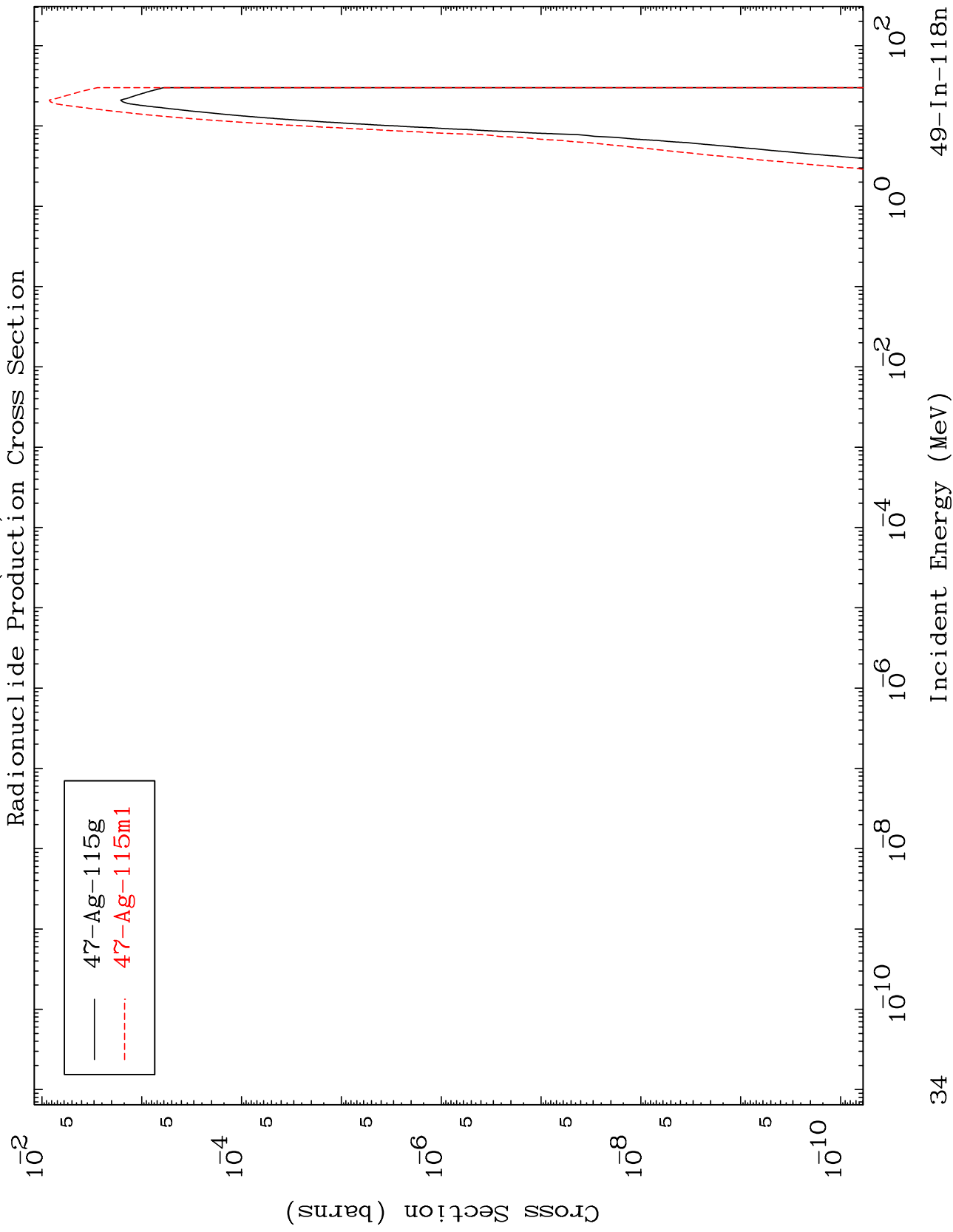
Incident Energy (MeV)

33

MAT 4942

49-In-118n

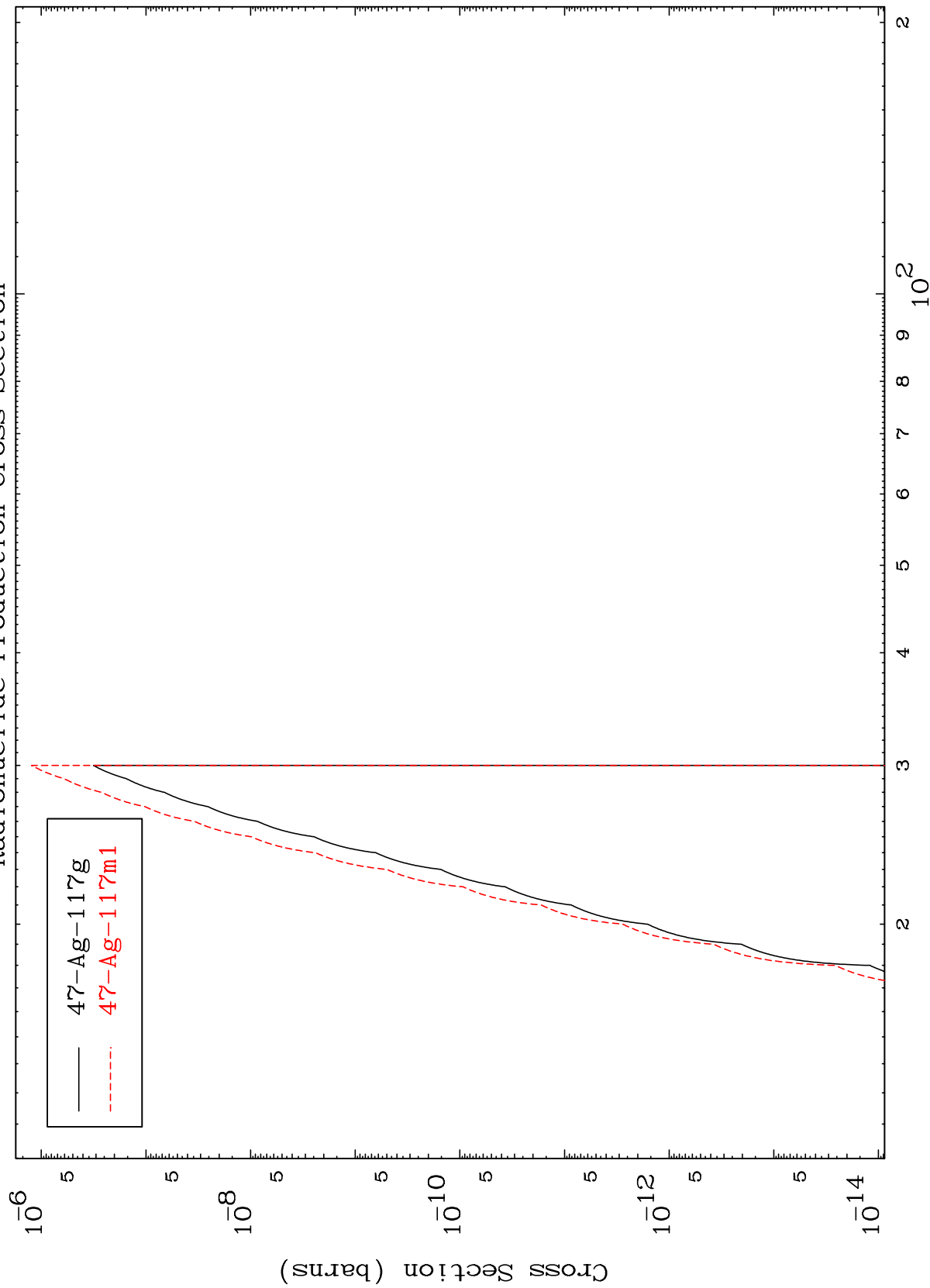
Radionuclide Production Cross Section



MAT 4942

49-In-118n

(n,2p)
Radionuclide Production Cross Section



49-In-118n

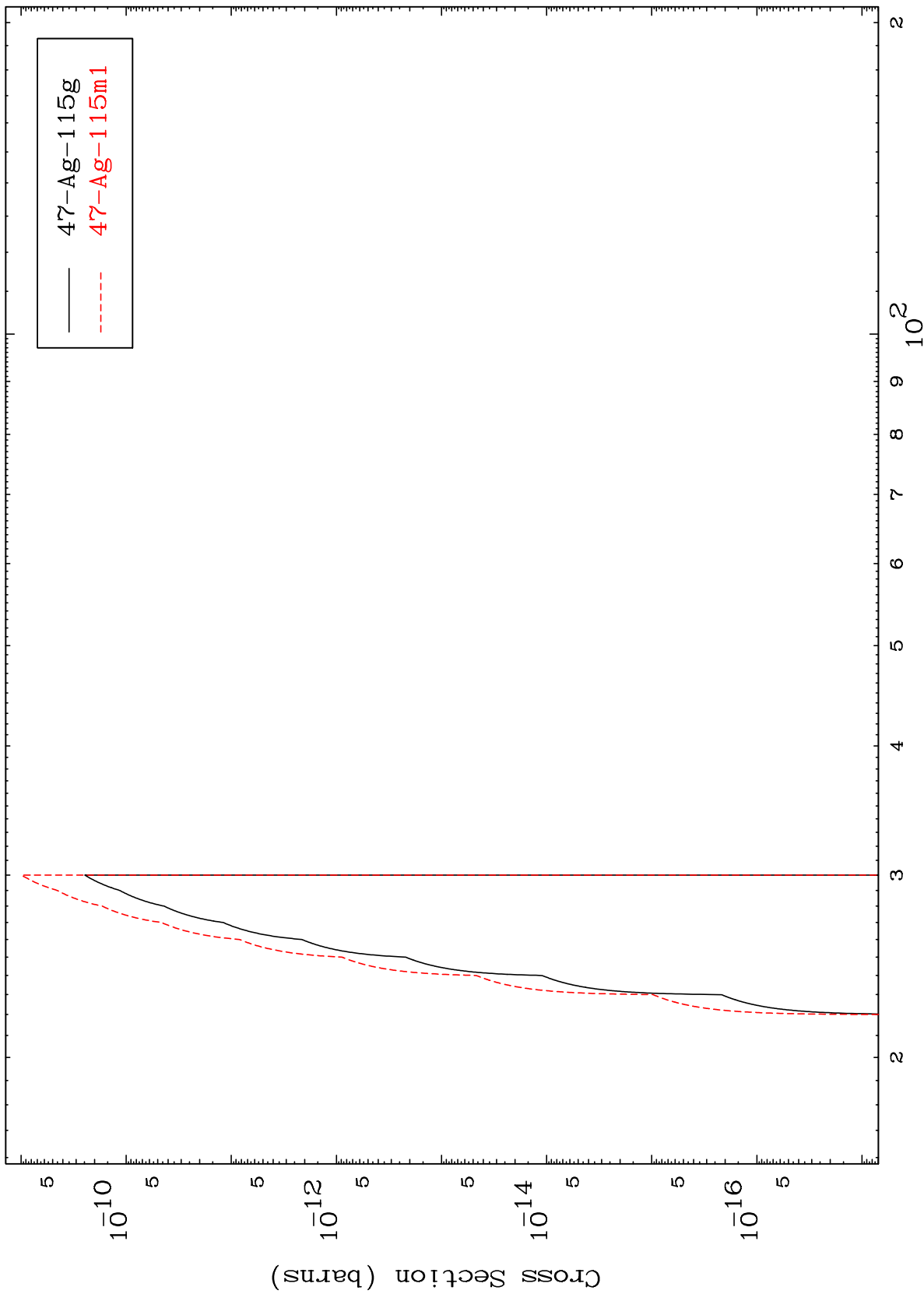
Incident Energy (MeV)

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(n,p) t

49-In-118n

Radionuclide Production Cross Section



36

Incident Energy (MeV)

49-In-118n