

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

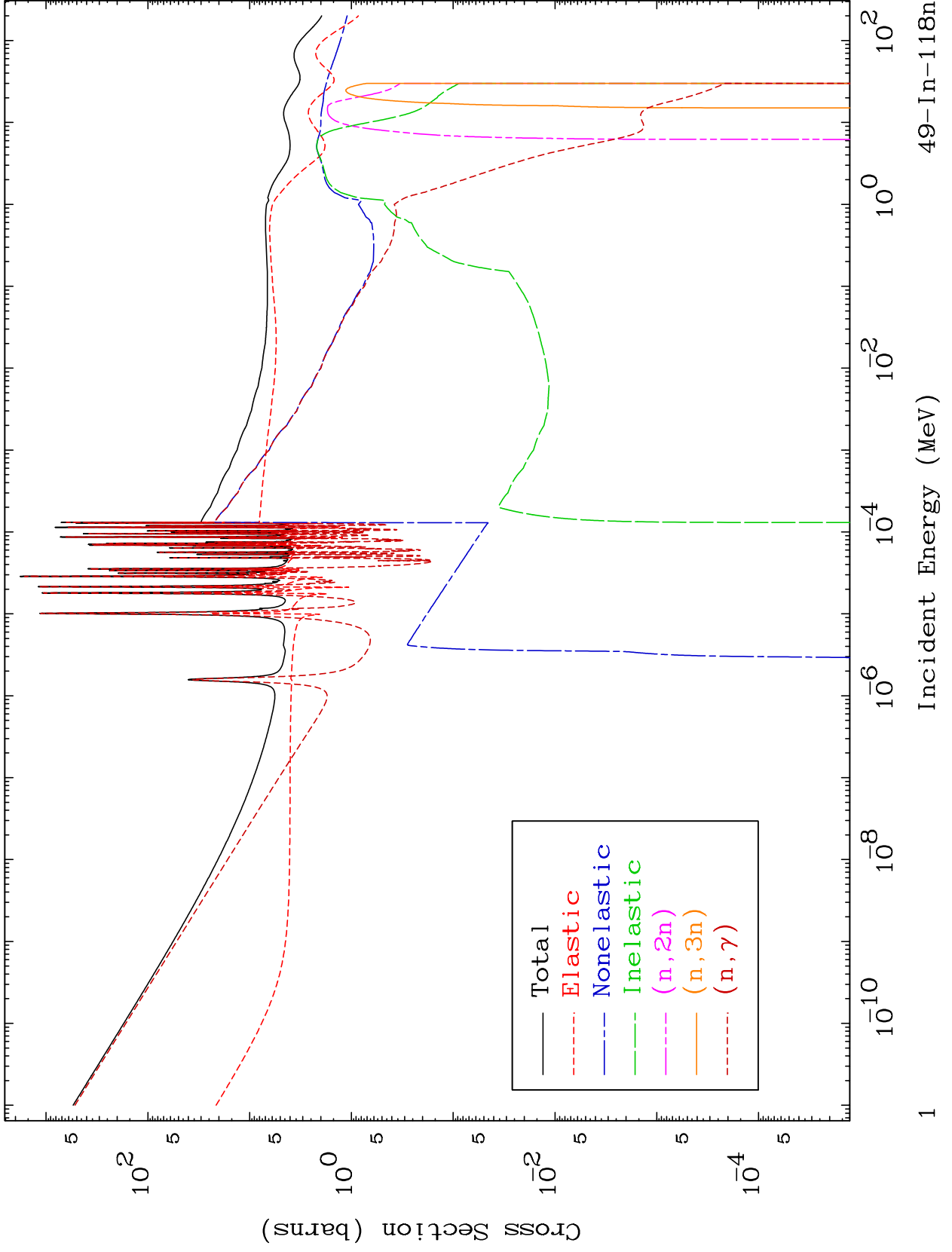
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Press Mouse Button to Start

MAT 4942

Neutron Major
293 Kelvin Cross Sections

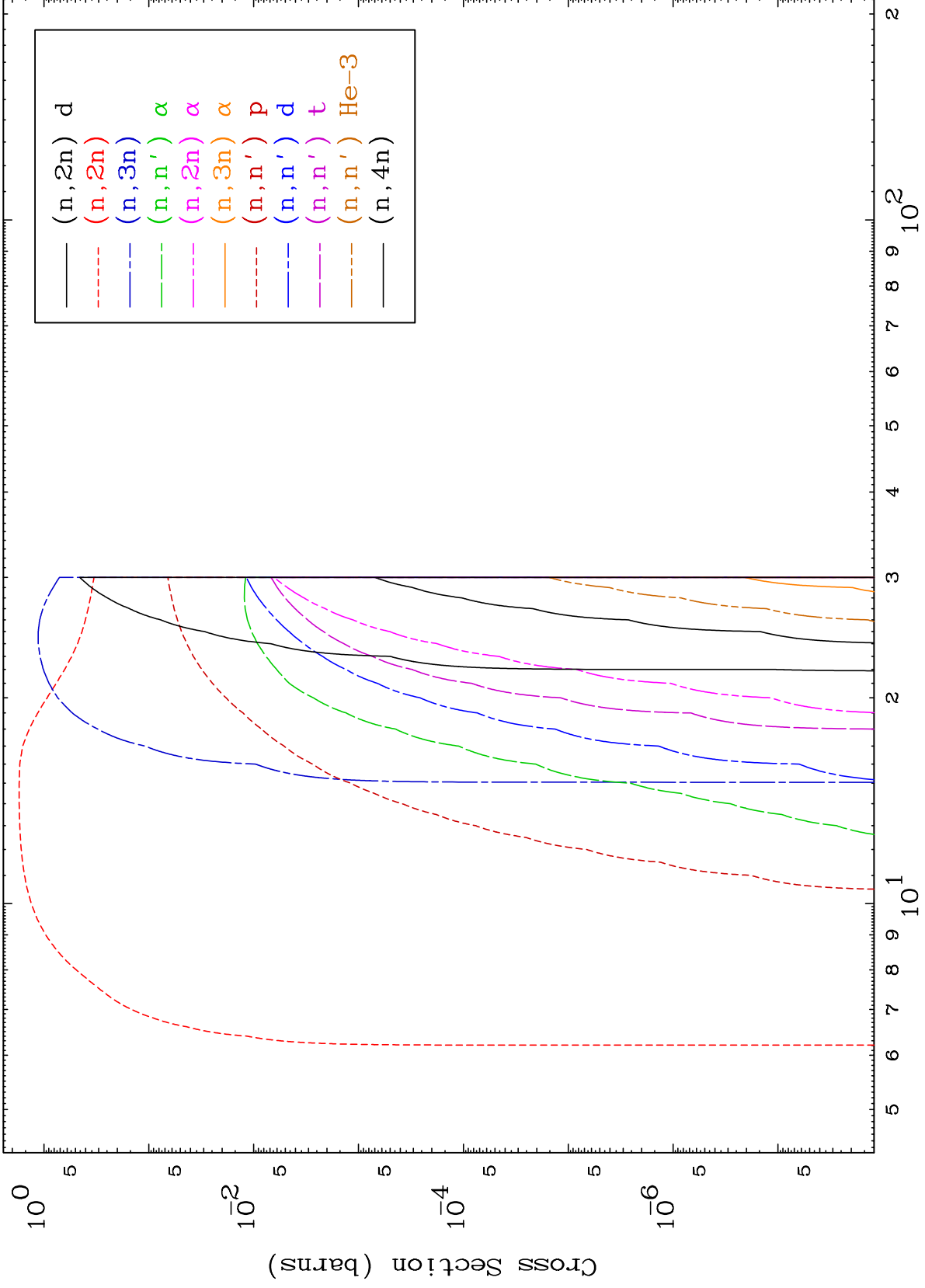
49-In-118n



MAT 4942

Neutron Absorption
293 Kelvin Cross Sections

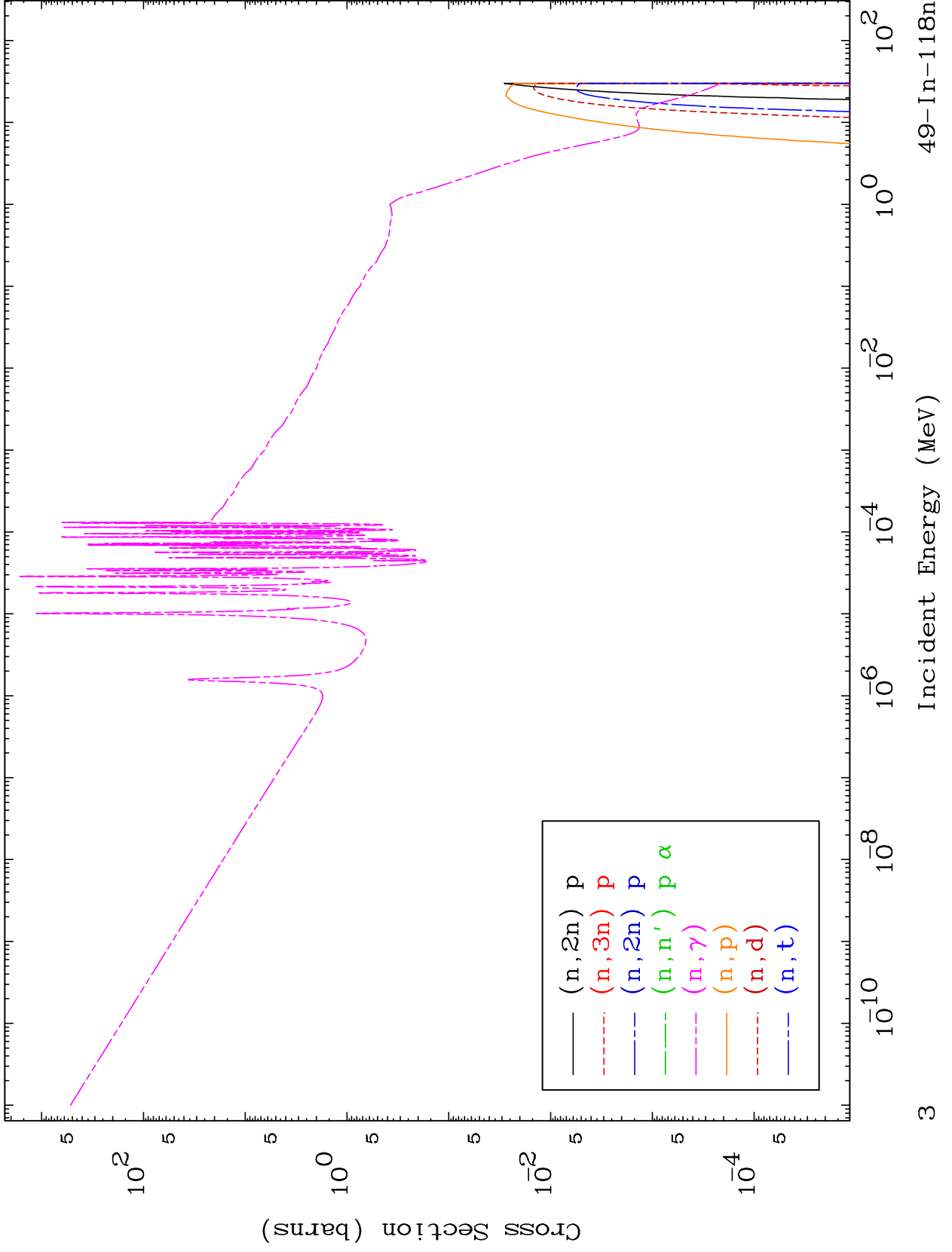
49-In-118n



MAT 4942

Neutron Absorption
293 Kelvin Cross Sections

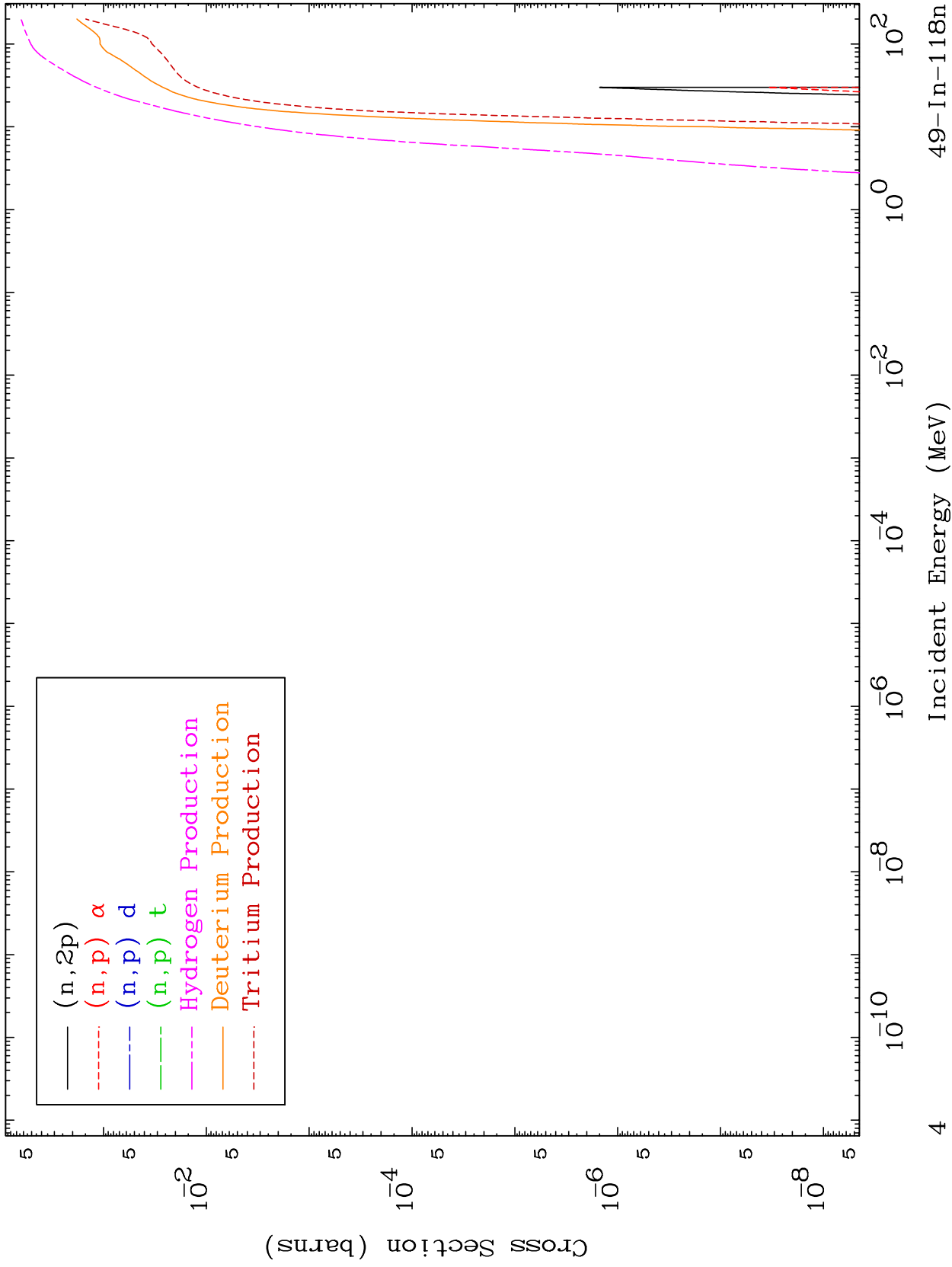
49-In-118n



MAT 4942

Neutron Absorption
293 Kelvin Cross Sections

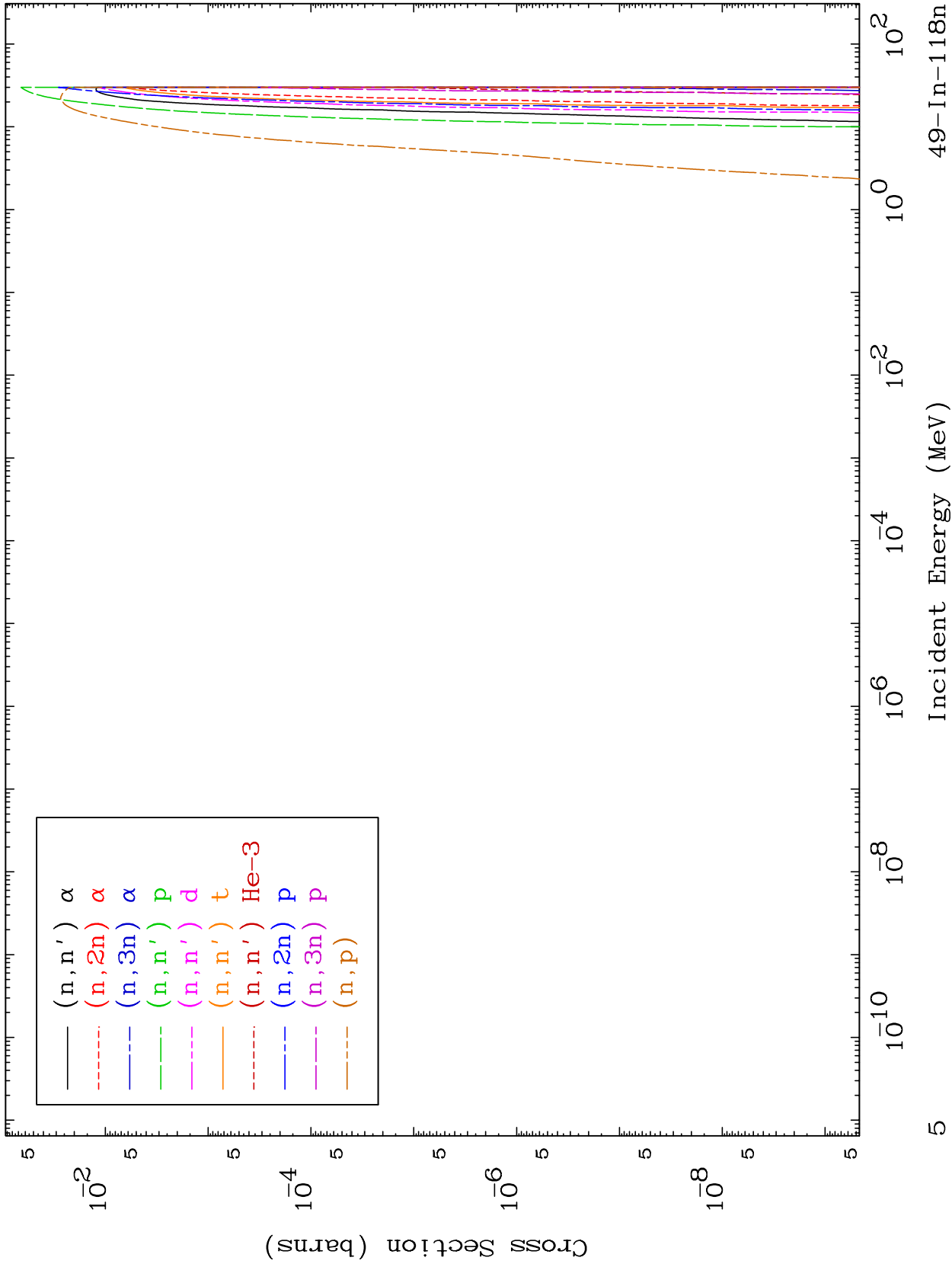
49-In-118n



MAT 4942

Charged Particle
293 Kelvin Cross Sections

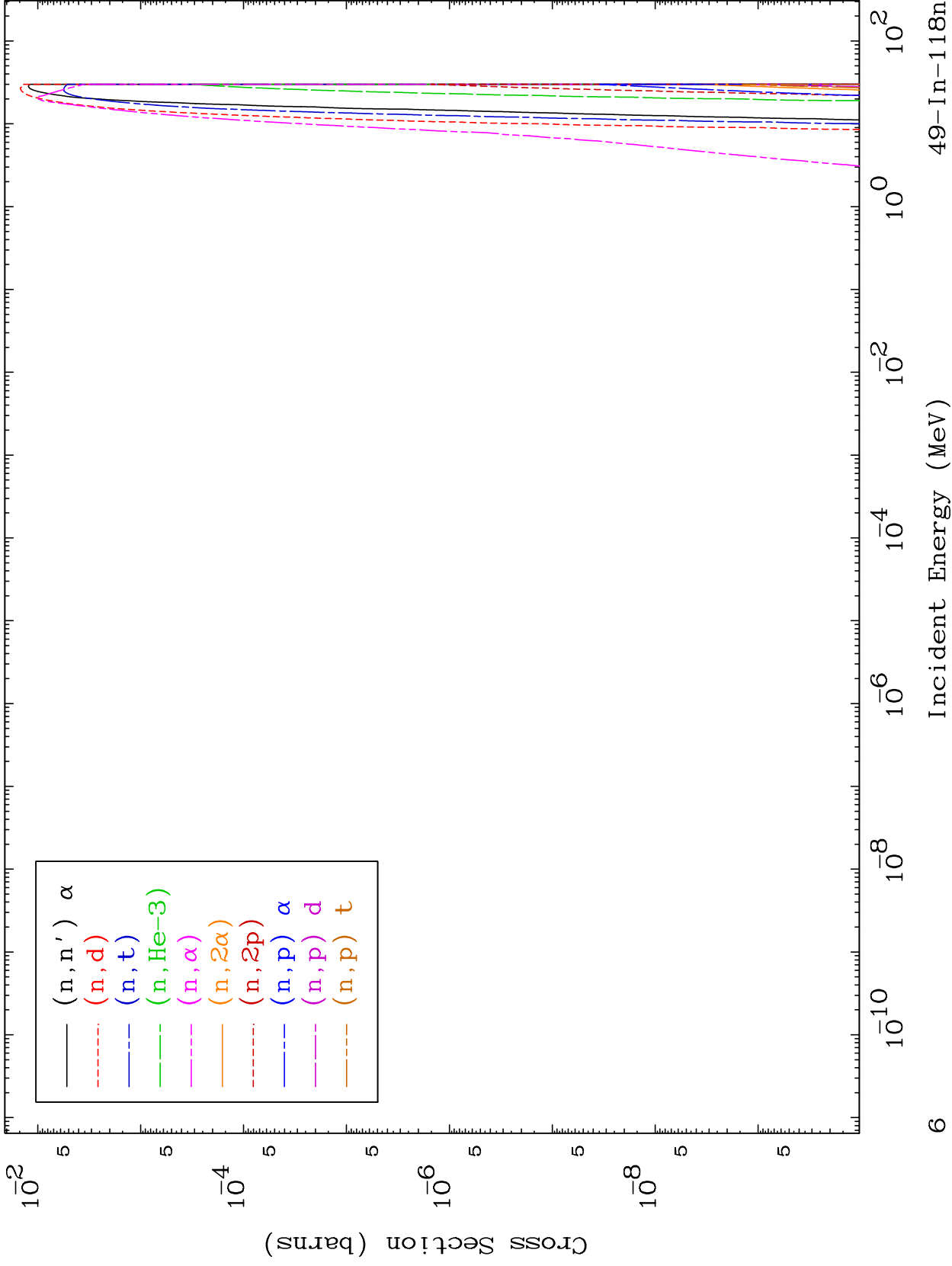
49-In-118n



MAT 4942

Charged Particle
293 Kelvin Cross Sections

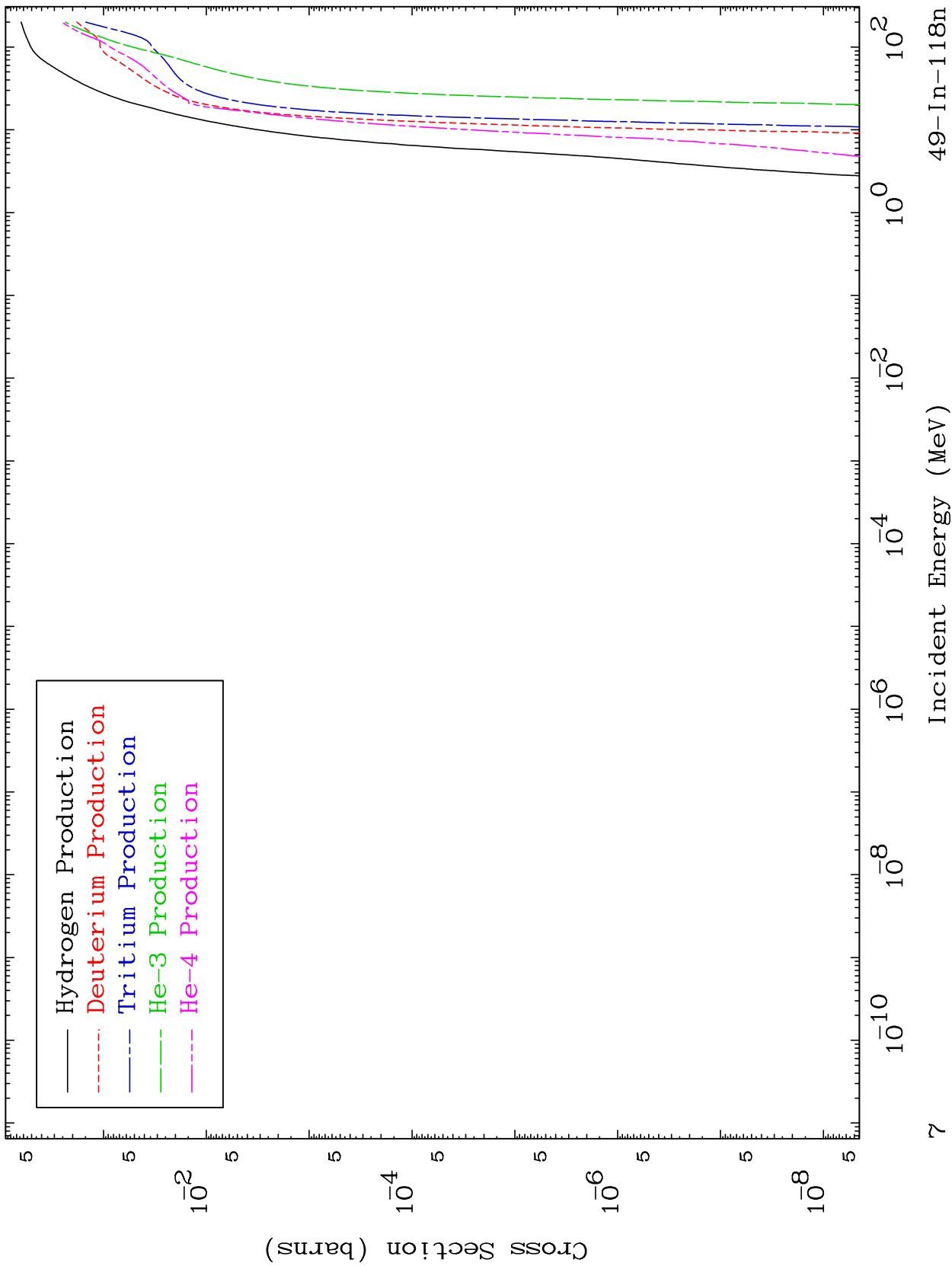
49-In-118n



MAT 4942

Particle Production
293 Kelvin Cross Sections

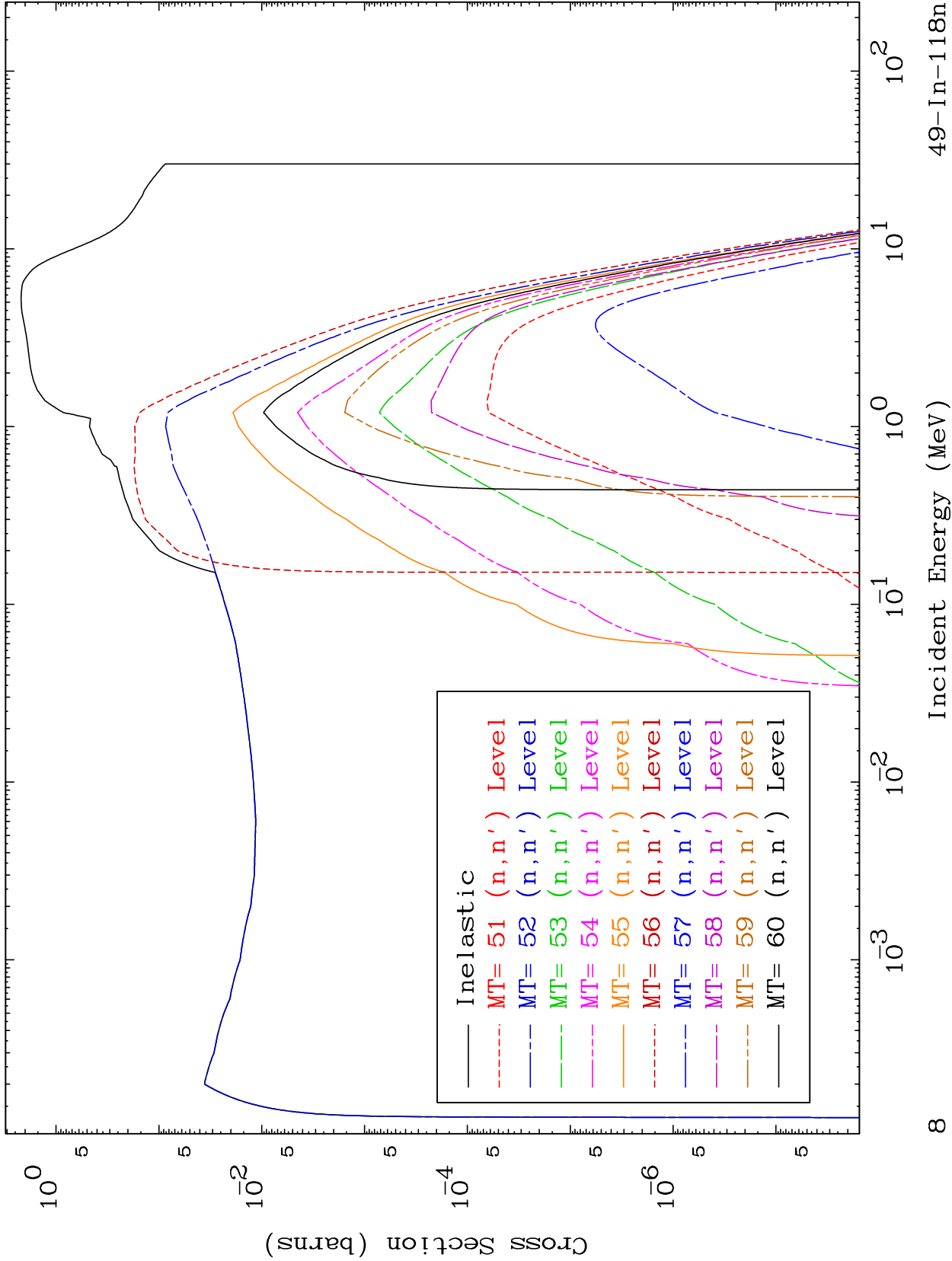
49-In-118n



MAT 4942

(n,n') Levels
293 Kelvin Cross Sections

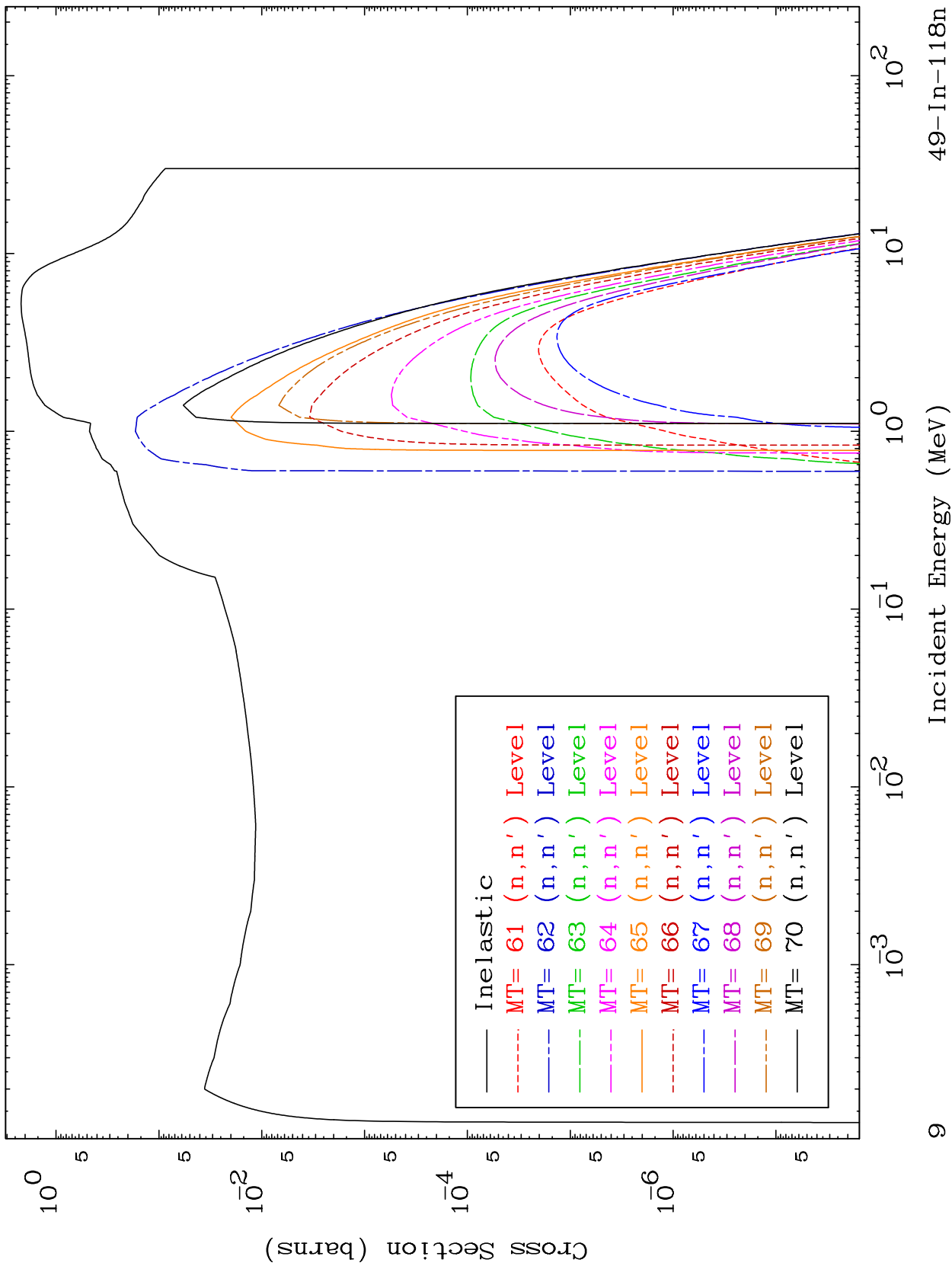
49-In-118n



MAT 4942

(n,n') Levels
293 Kelvin Cross Sections

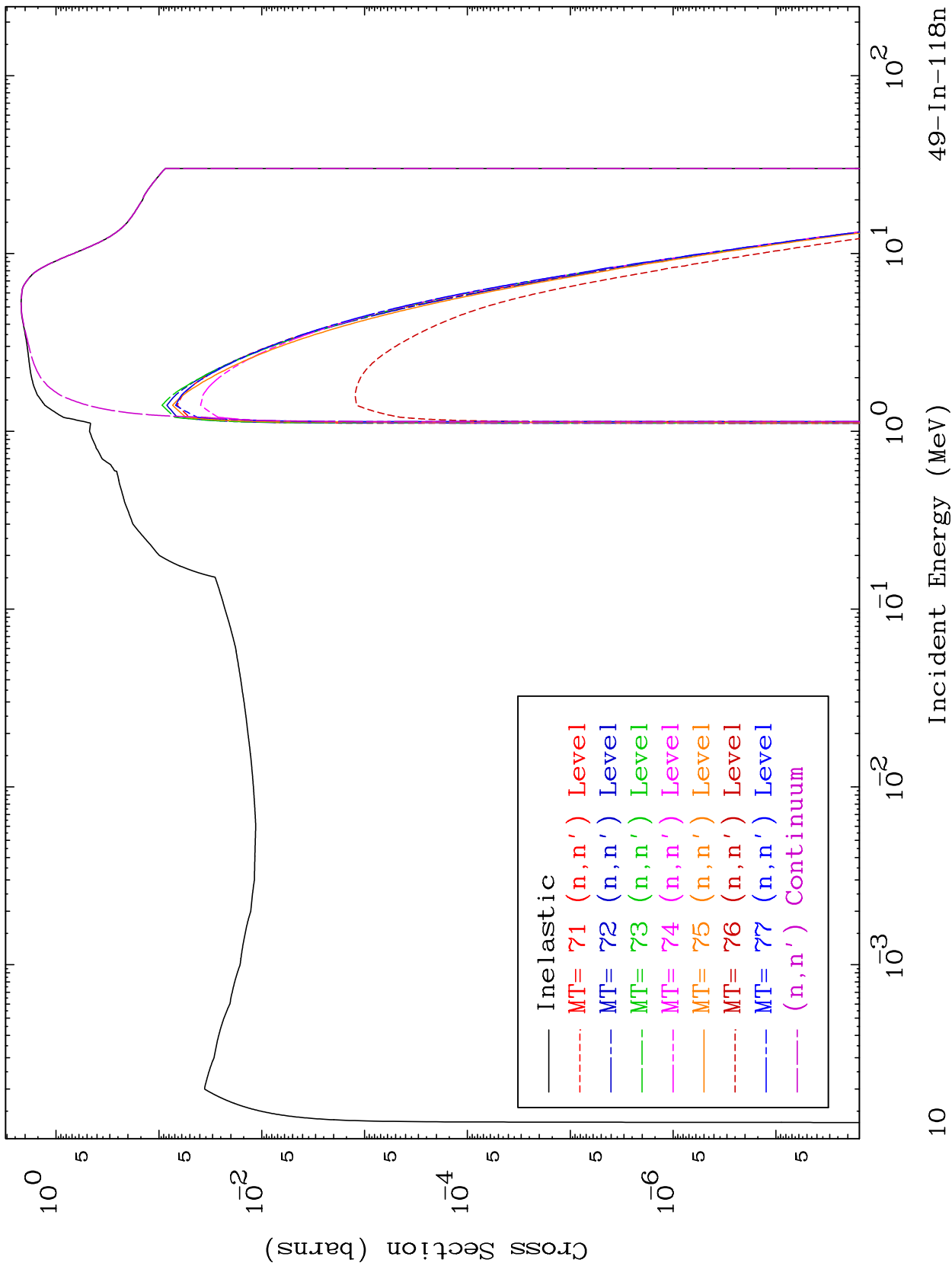
49-In-118n



MAT 4942

(n,n') Levels
293 Kelvin Cross Sections

49-In-118n



10

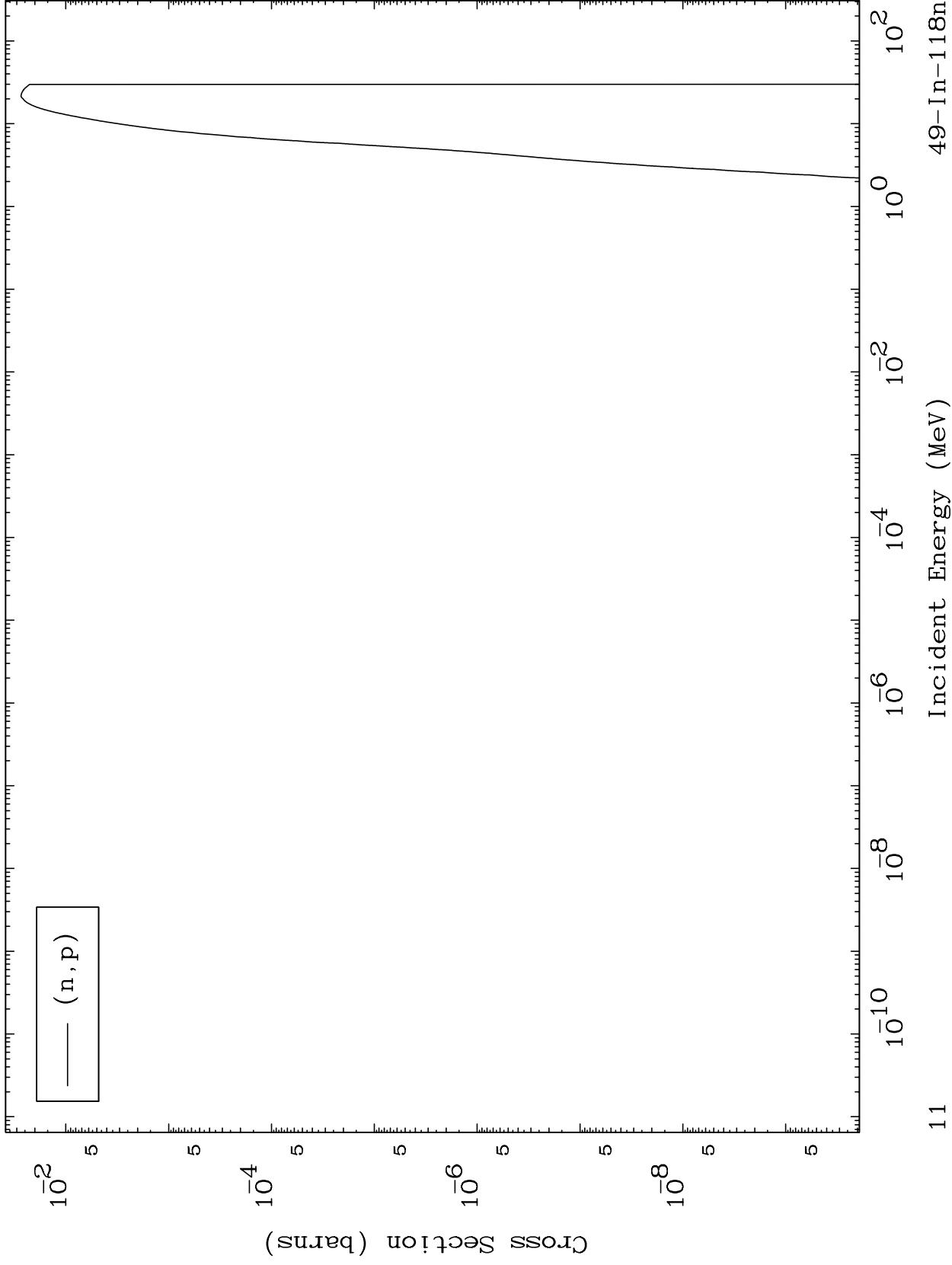
Incident Energy (MeV)

49-In-118n

MAT 4942

(n,p) Levels
293 Kelvin Cross Sections

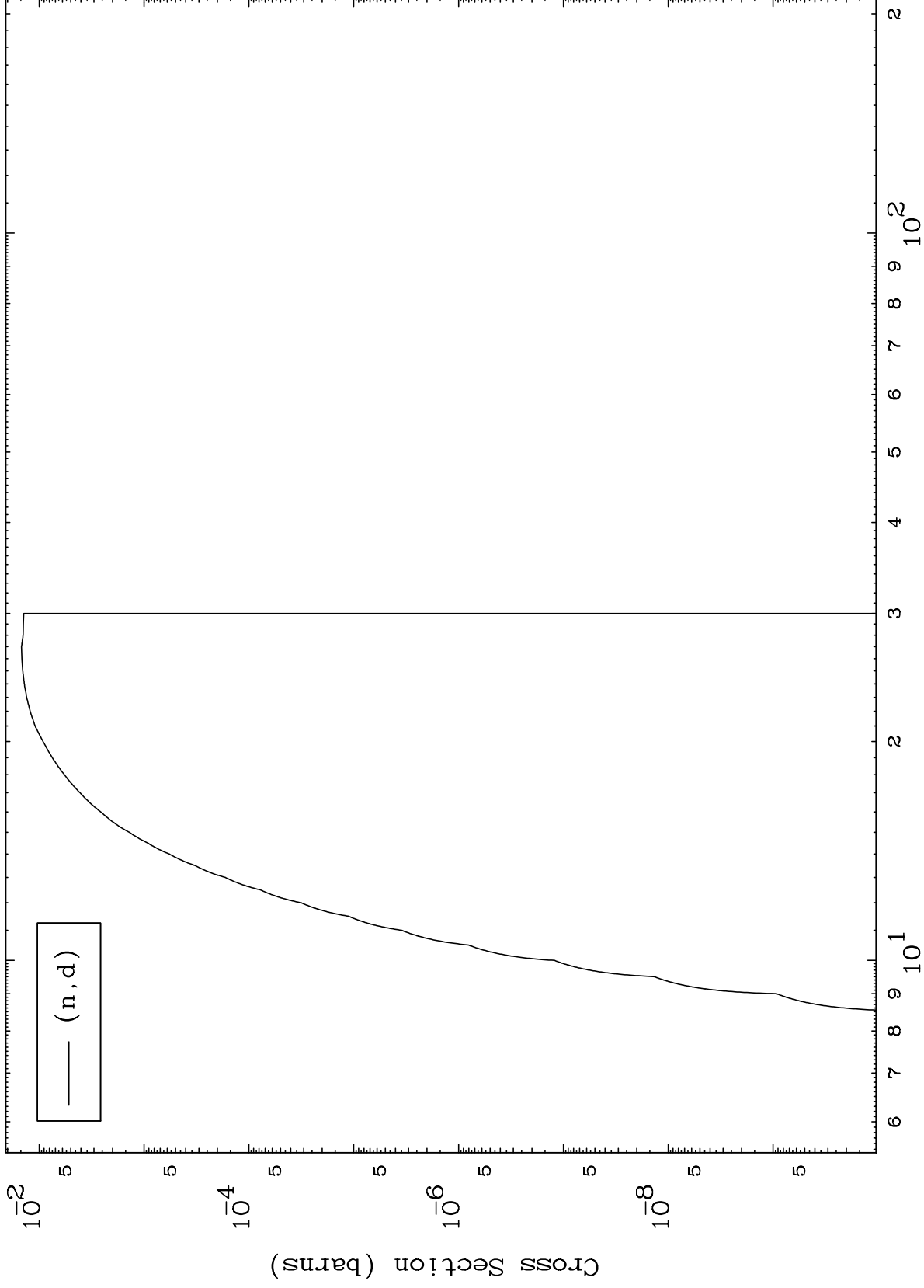
49-In-118n



MAT 4942

(n,d) Levels
293 Kelvin Cross Sections

49-In-118n



12

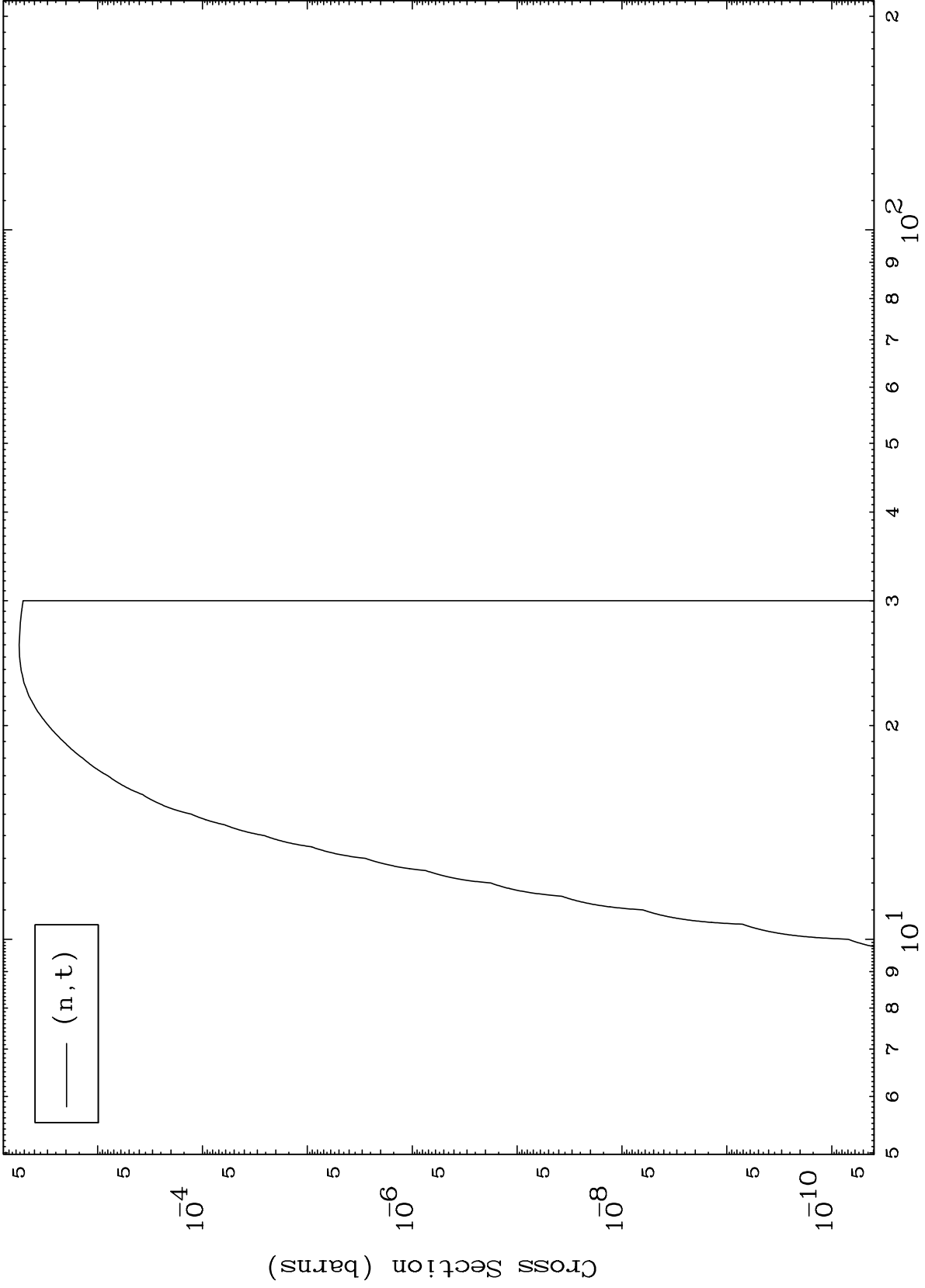
Incident Energy (MeV)

49-In-118n

MAT 4942

(n, t) Levels
293 Kelvin Cross Sections

49-In-118n



13

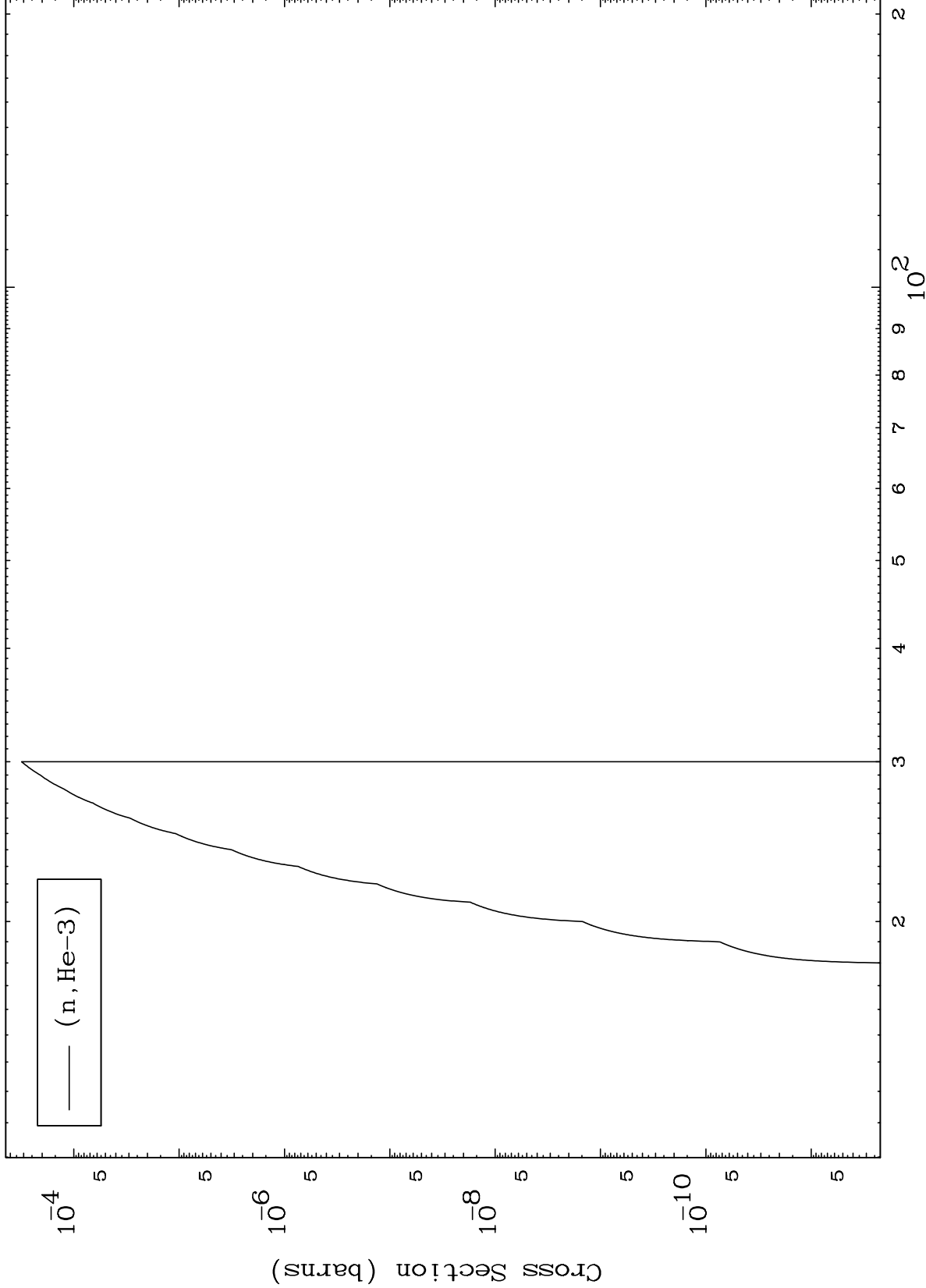
Incident Energy (MeV)

49-In-118n

MAT 4942

(n,He3) Levels
293 Kelvin Cross Sections

49-In-118n



14

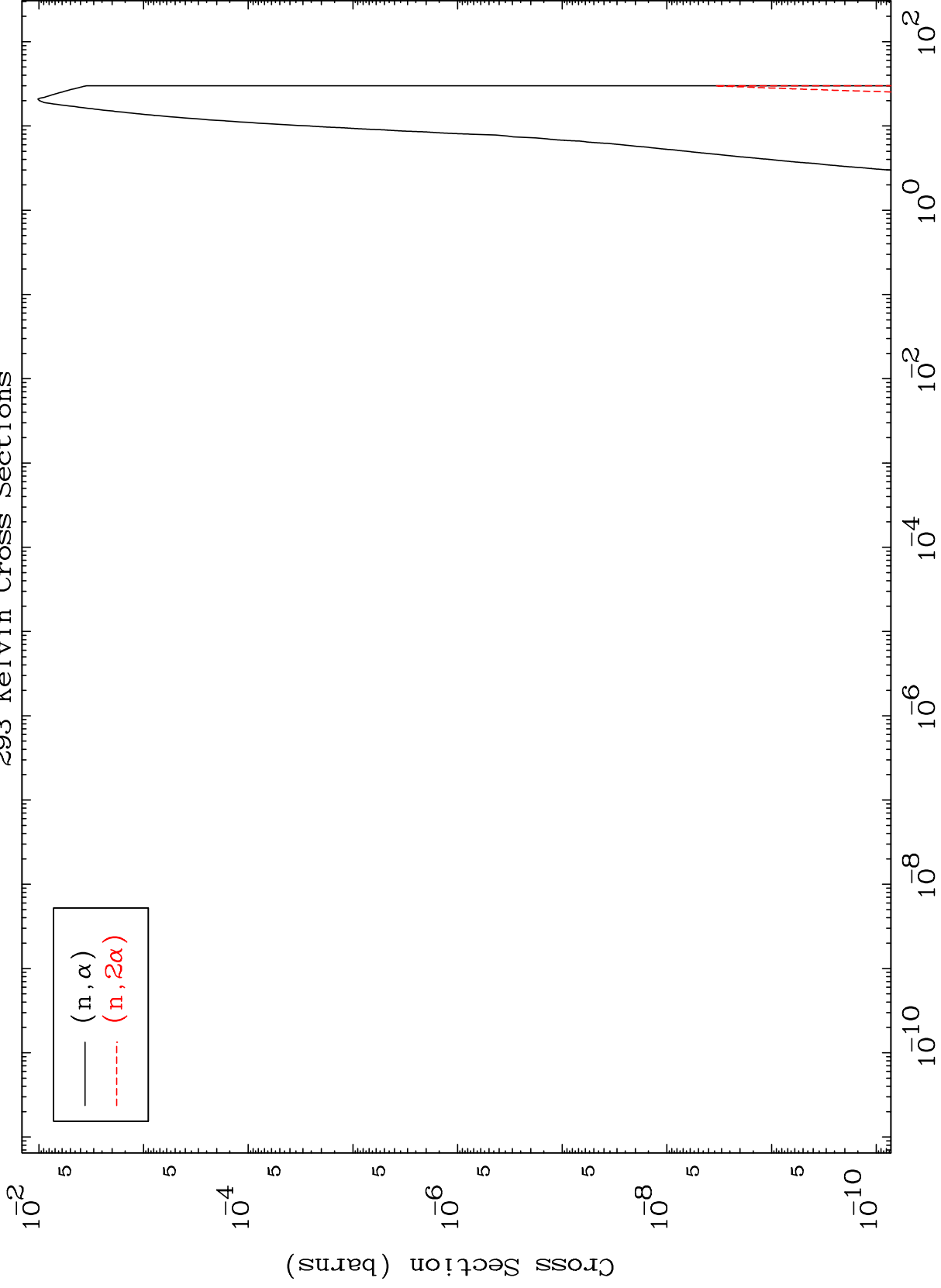
Incident Energy (MeV)

49-In-118n

MAT 4942

(n, α) Levels
293 Kelvin Cross Sections

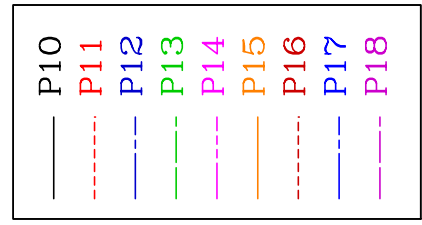
49-In-118n



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Elastic Legendre Coefficients

49-In-118n



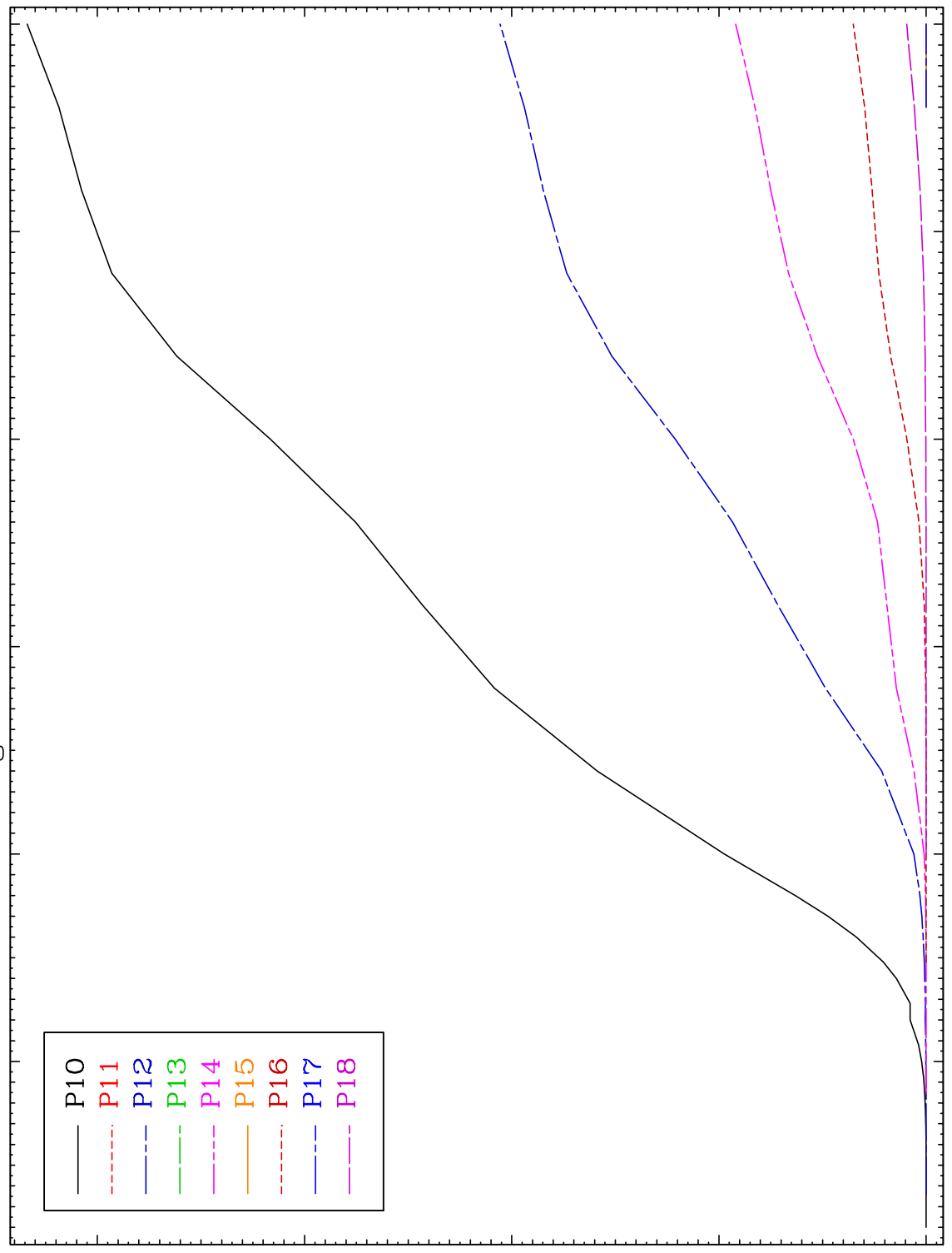
$\times 10^{-4}$

Legendre (CM)

17

Incident Energy (MeV)

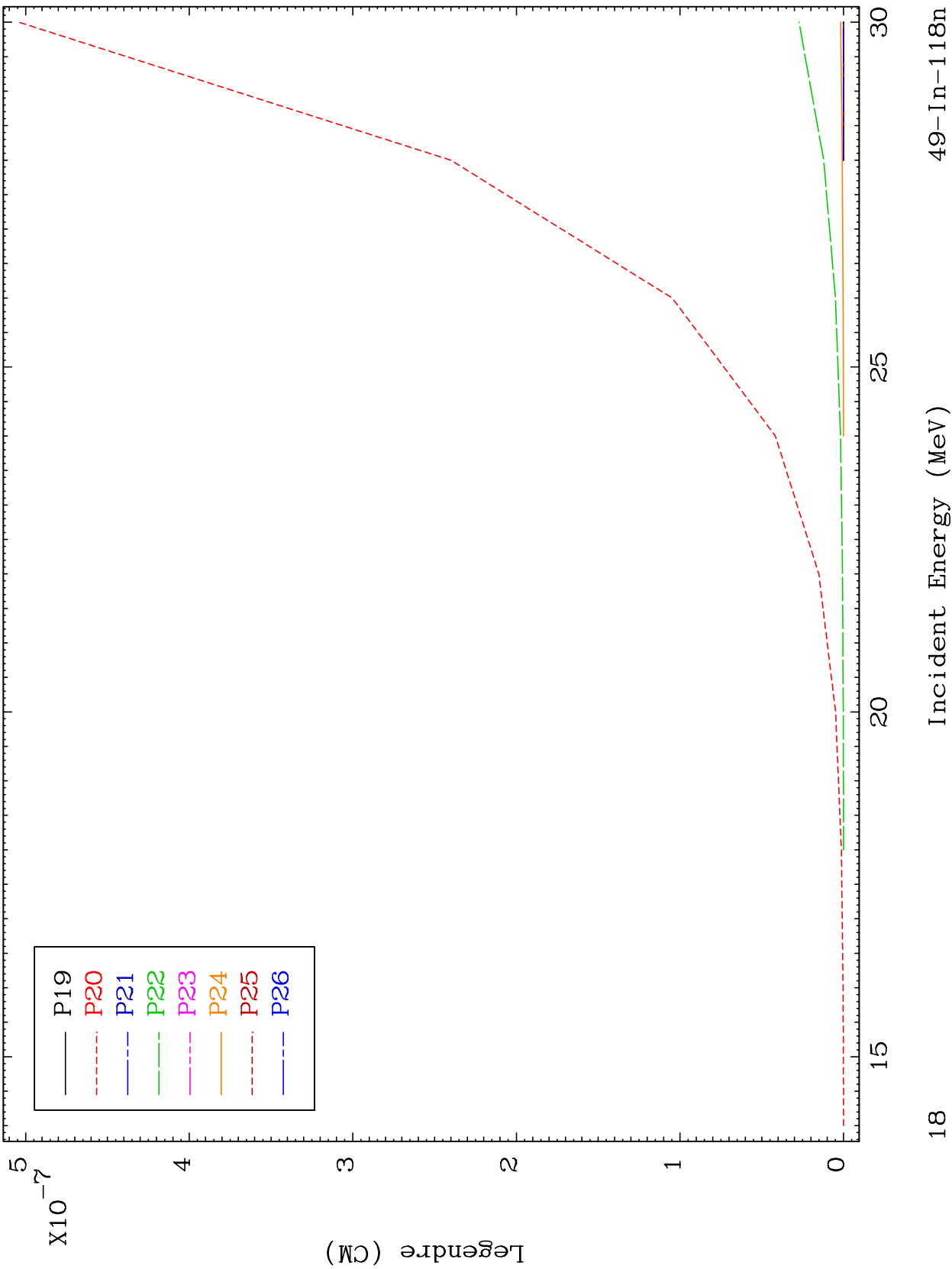
49-In-118n



MAT 4942

Elastic Legendre Coefficients

49-In-118n



18

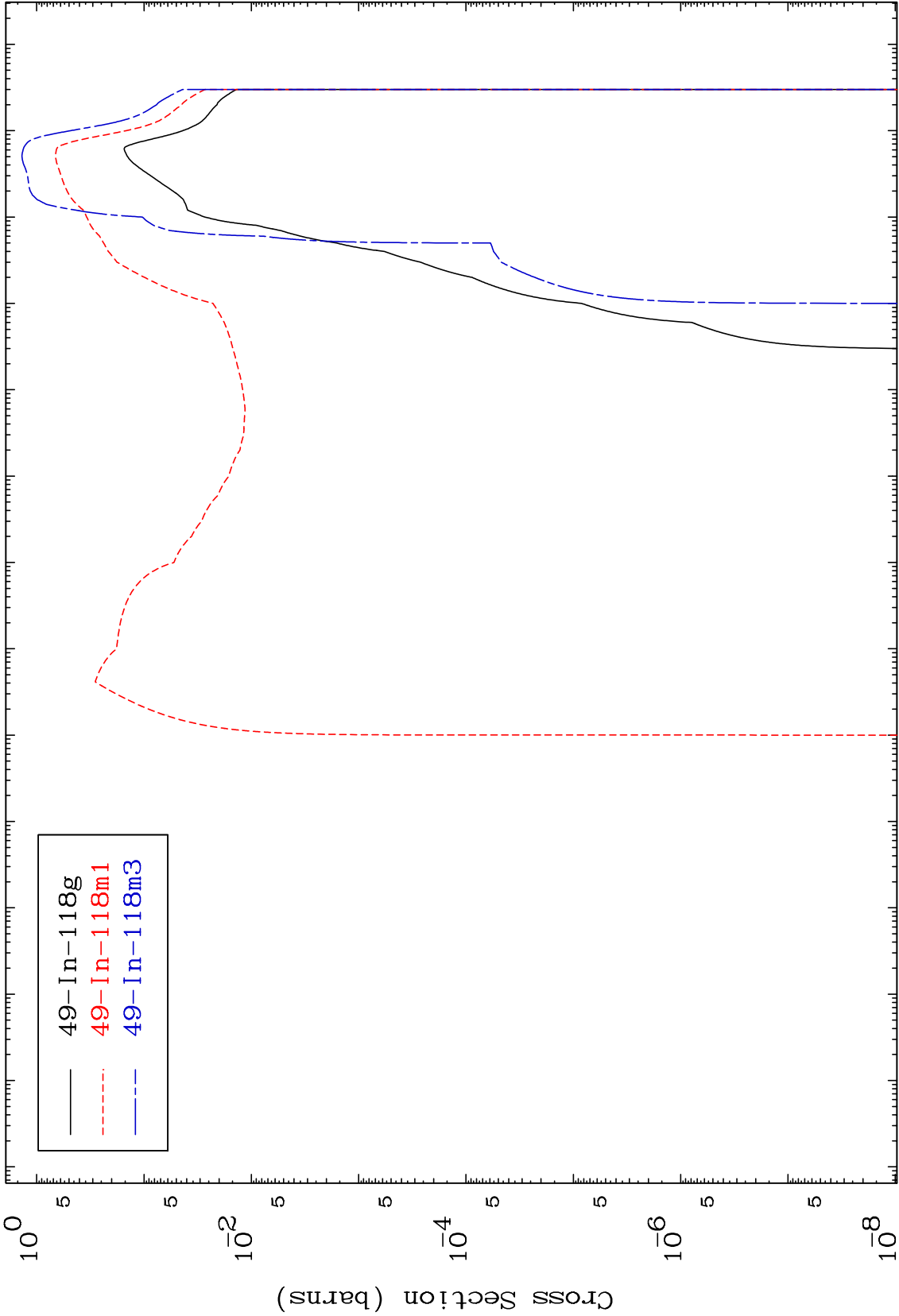
Incident Energy (MeV)

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)

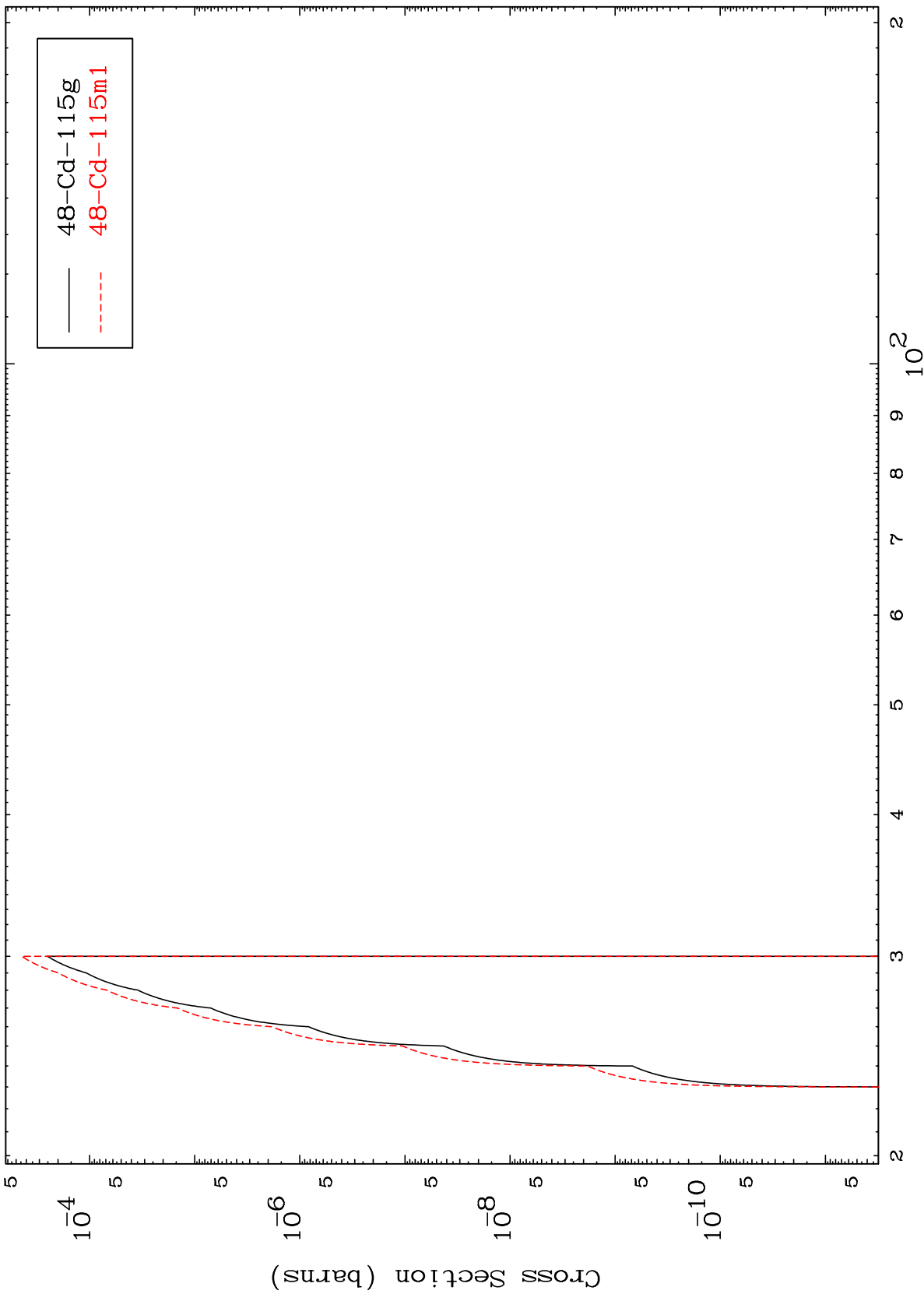
19

MAT 4942

(n,2n) d

49-In-118n

Radionuclide Production Cross Section



20

Incident Energy (MeV)

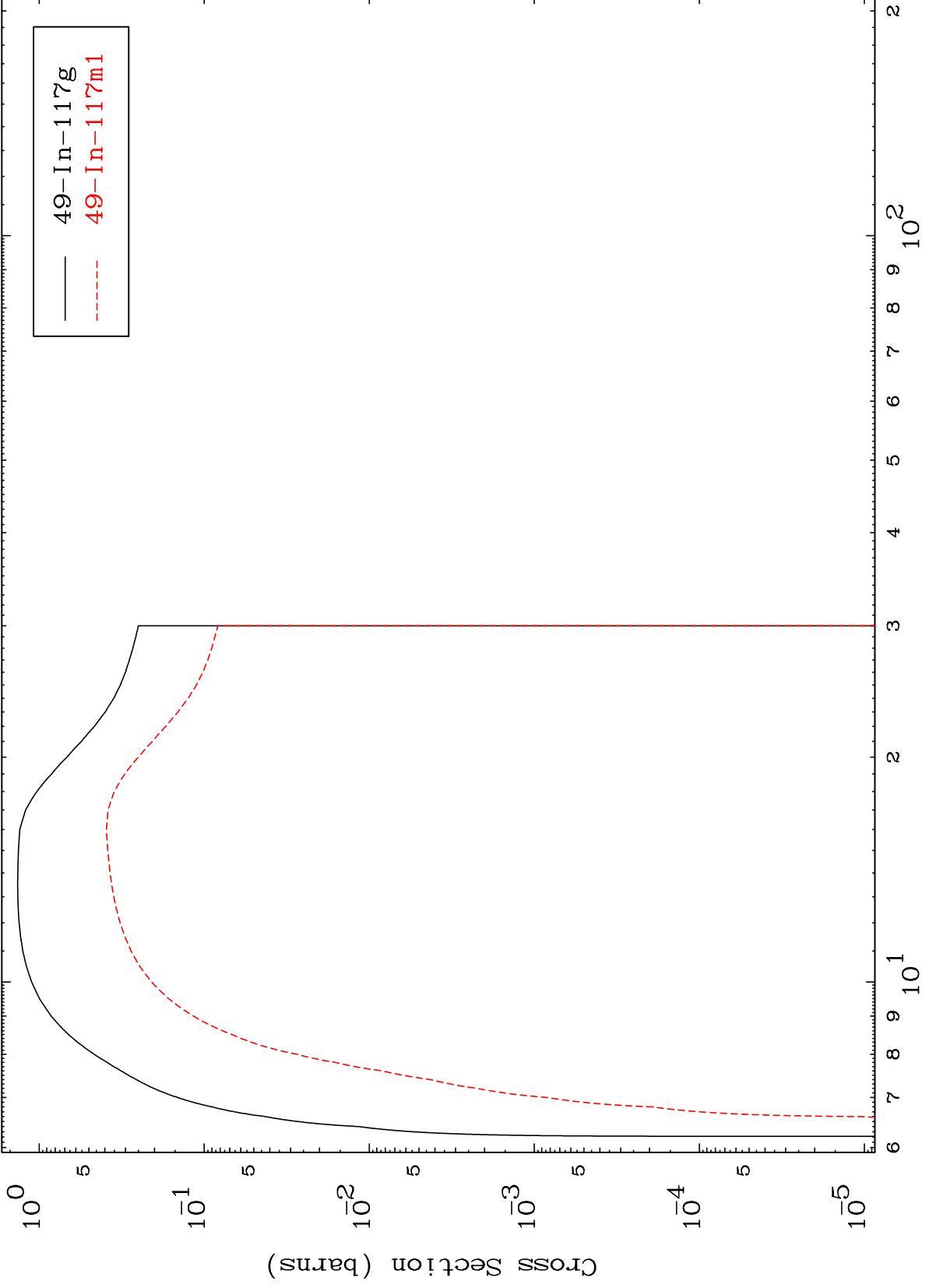
49-In-118n

MAT 4942

(n,2n)

49-In-118n

Radionuclide Production Cross Section



21

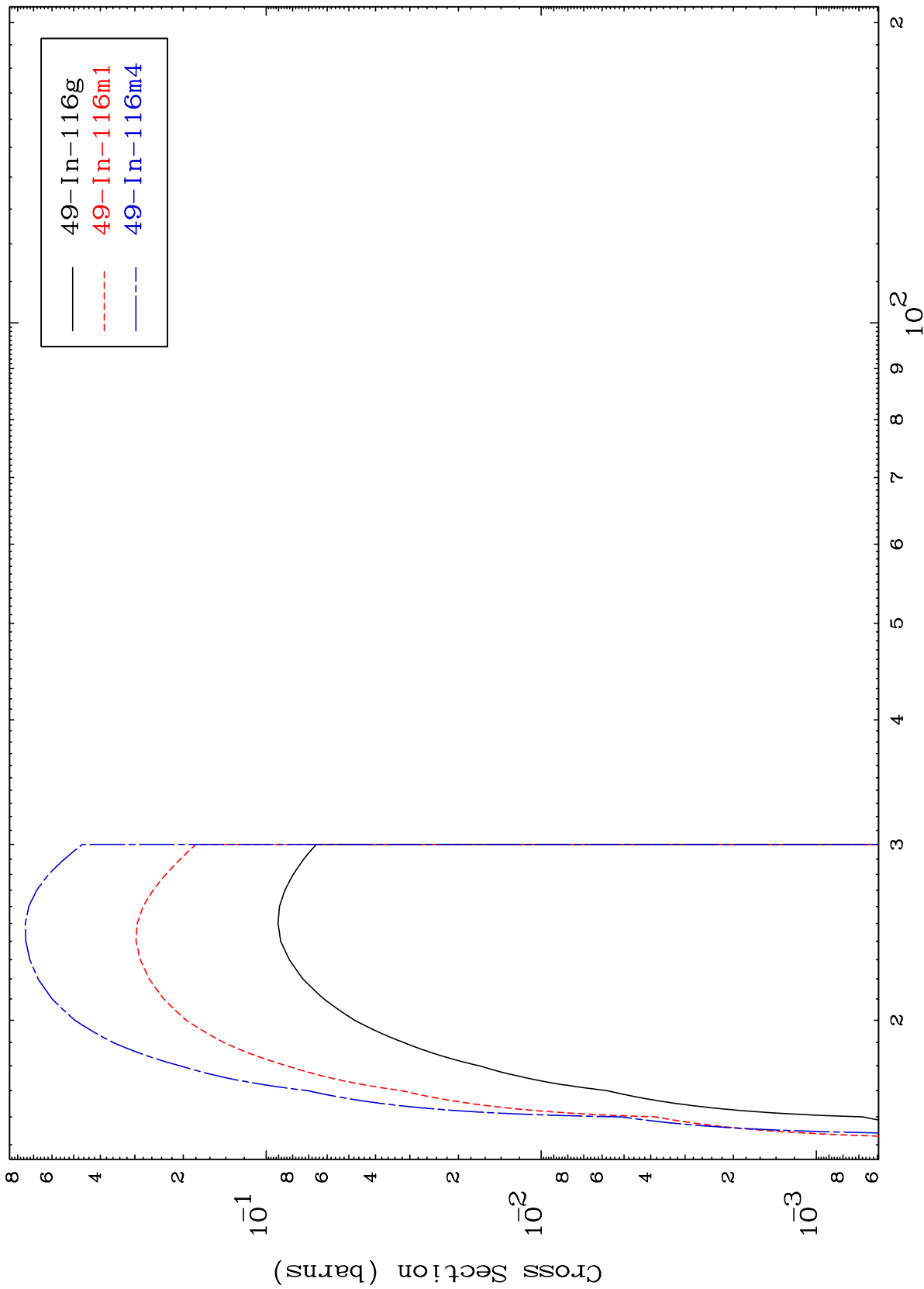
Incident Energy (MeV)

49-In-118n

MAT 4942

49-In-118n

(n,3n)
Radionuclide Production Cross Section



49-In-118n

Incident Energy (MeV)

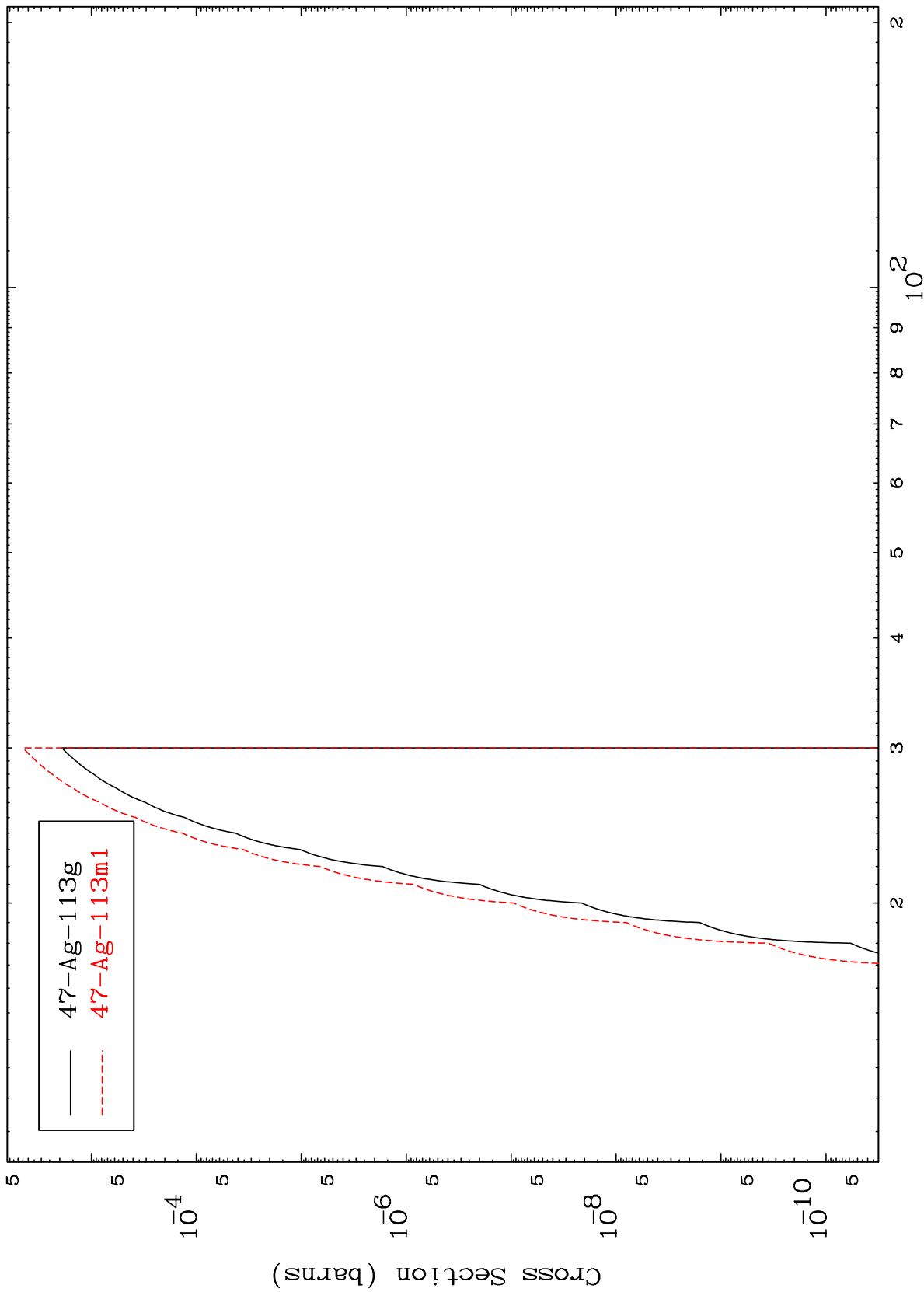
22

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(n,2n) α

49-In-118n

Radionuclide Production Cross Section

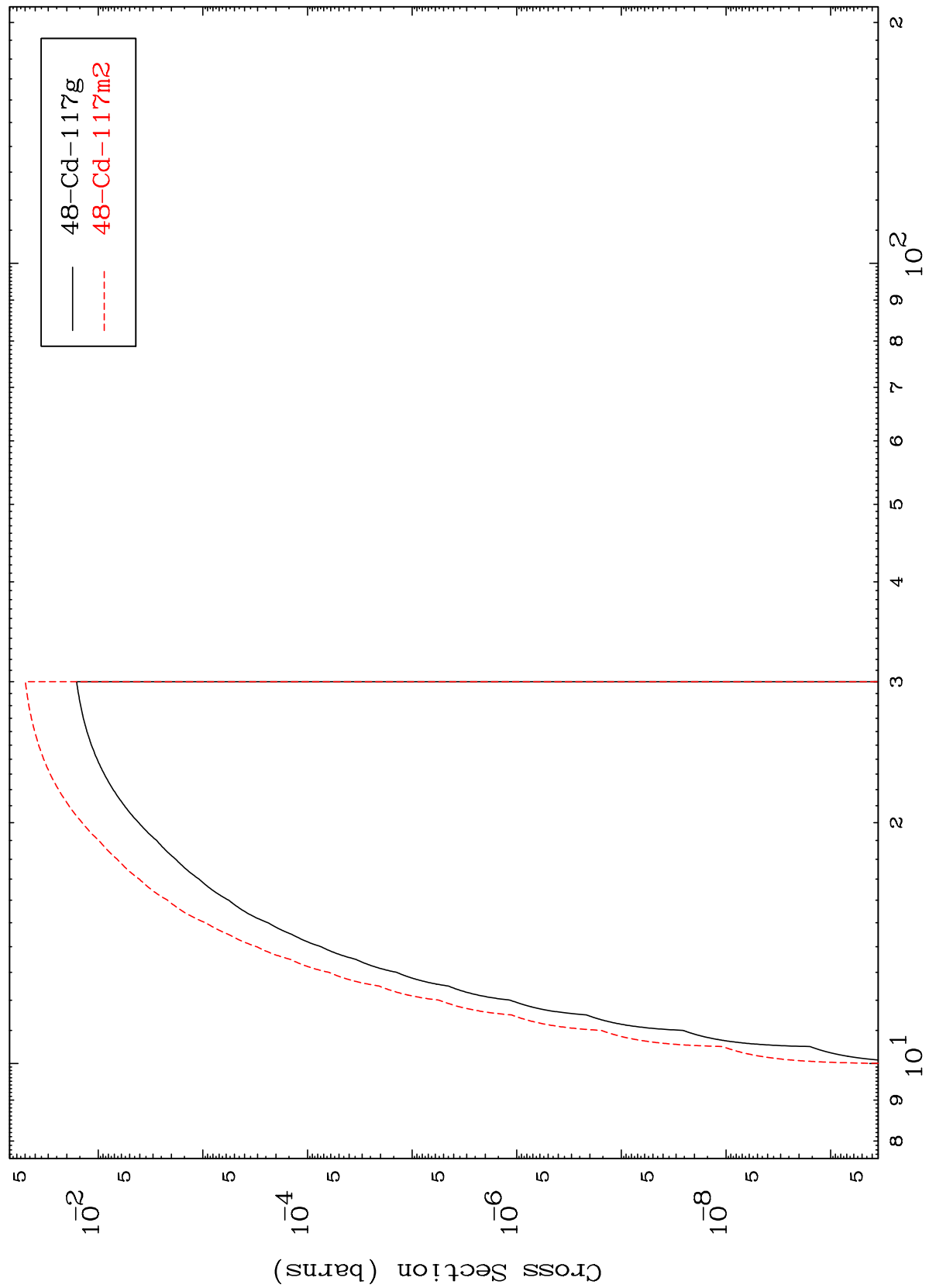


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(n,n') p

49-In-118n

Radionuclide Production Cross Section



24

Incident Energy (MeV)

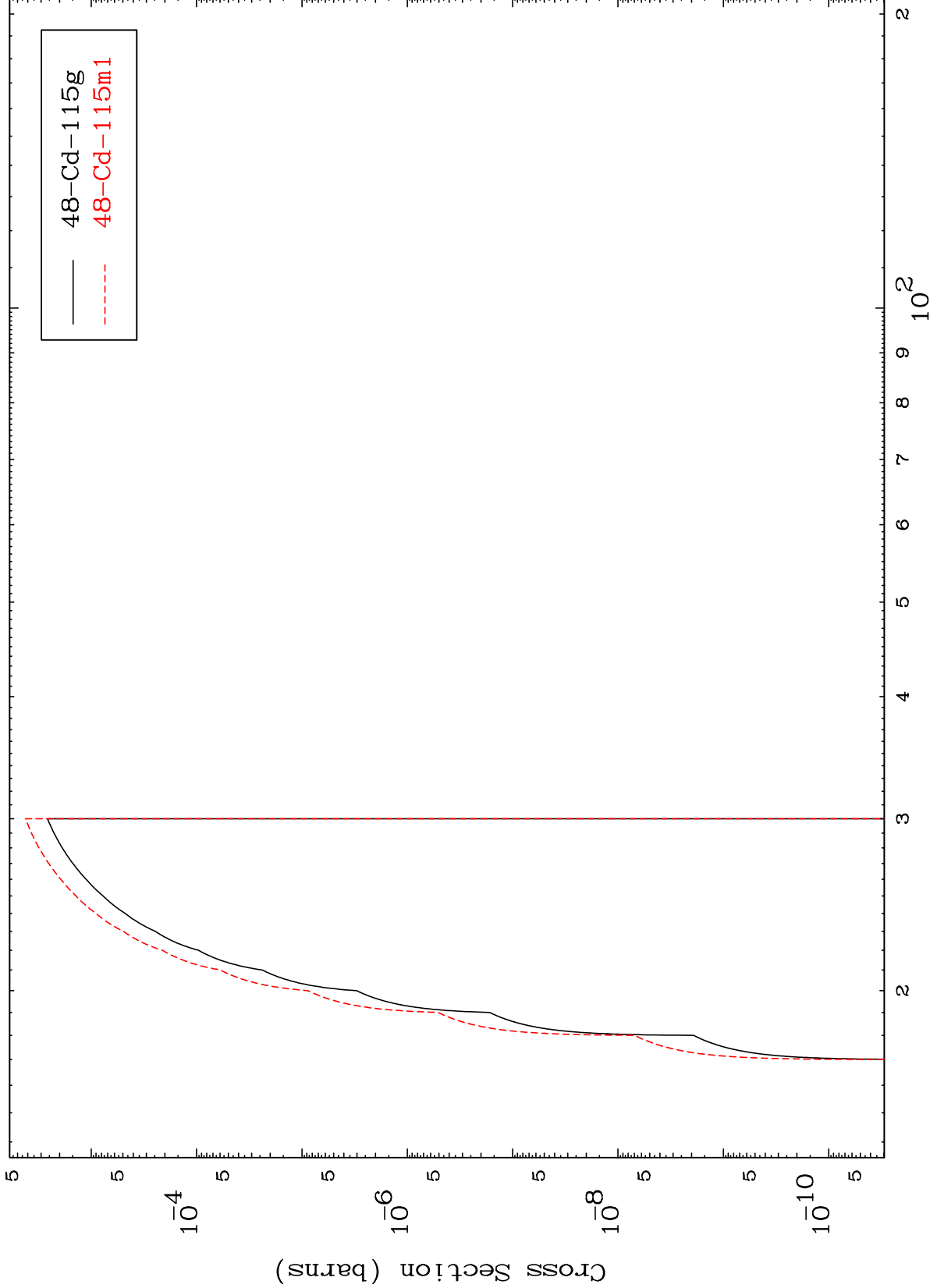
49-In-118n

MAT 4942

(n,n') t

49-In-118n

Radionuclide Production Cross Section



25

Incident Energy (MeV)

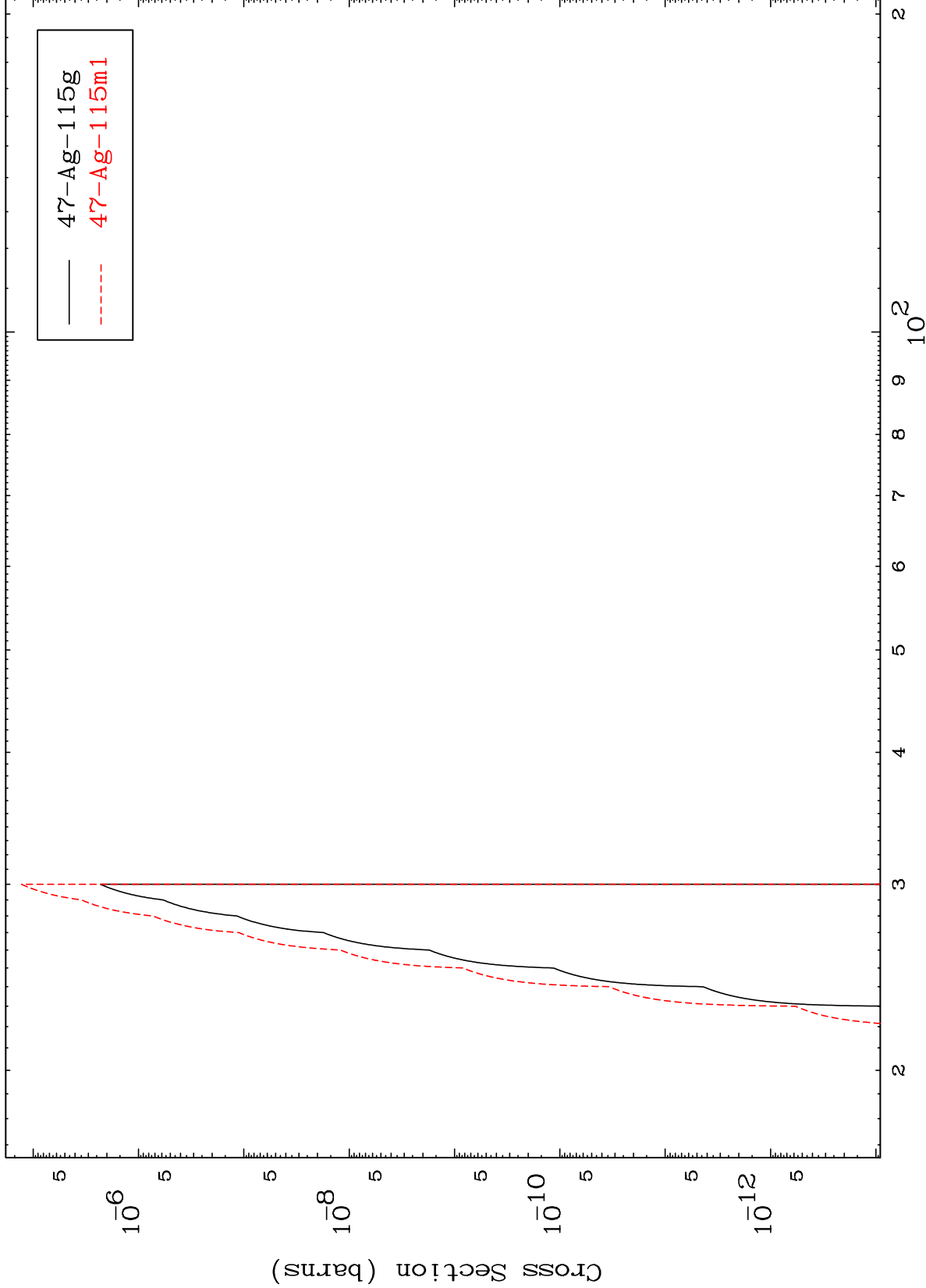
49-In-118n

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(n,n') He-3

49-In-118n

Radionuclide Production Cross Section



26

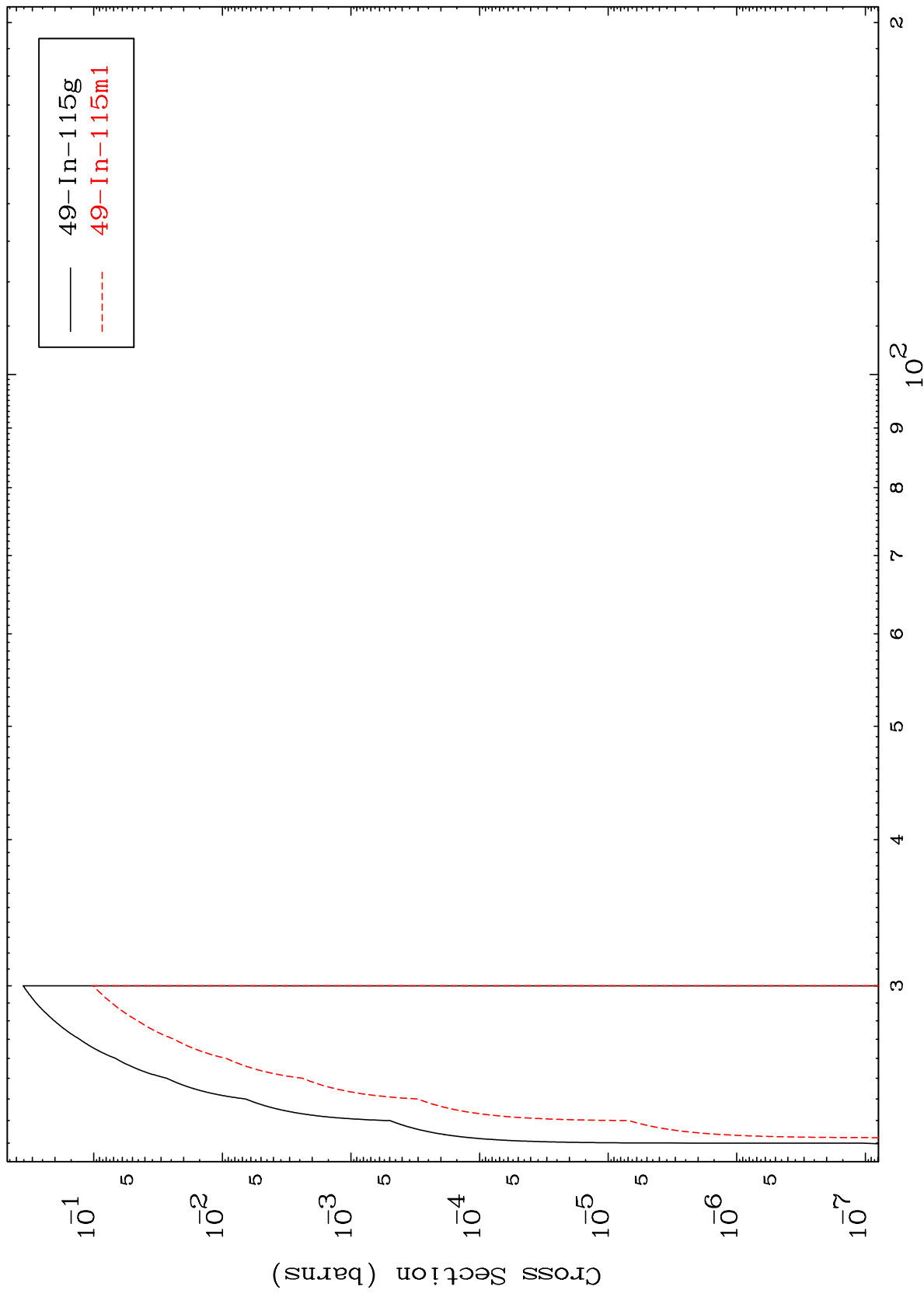
Incident Energy (MeV)

49-In-118n

MAT 4942

49-In-118n

(n,4n)
Radionuclide Production Cross Section



27

49-In-118n

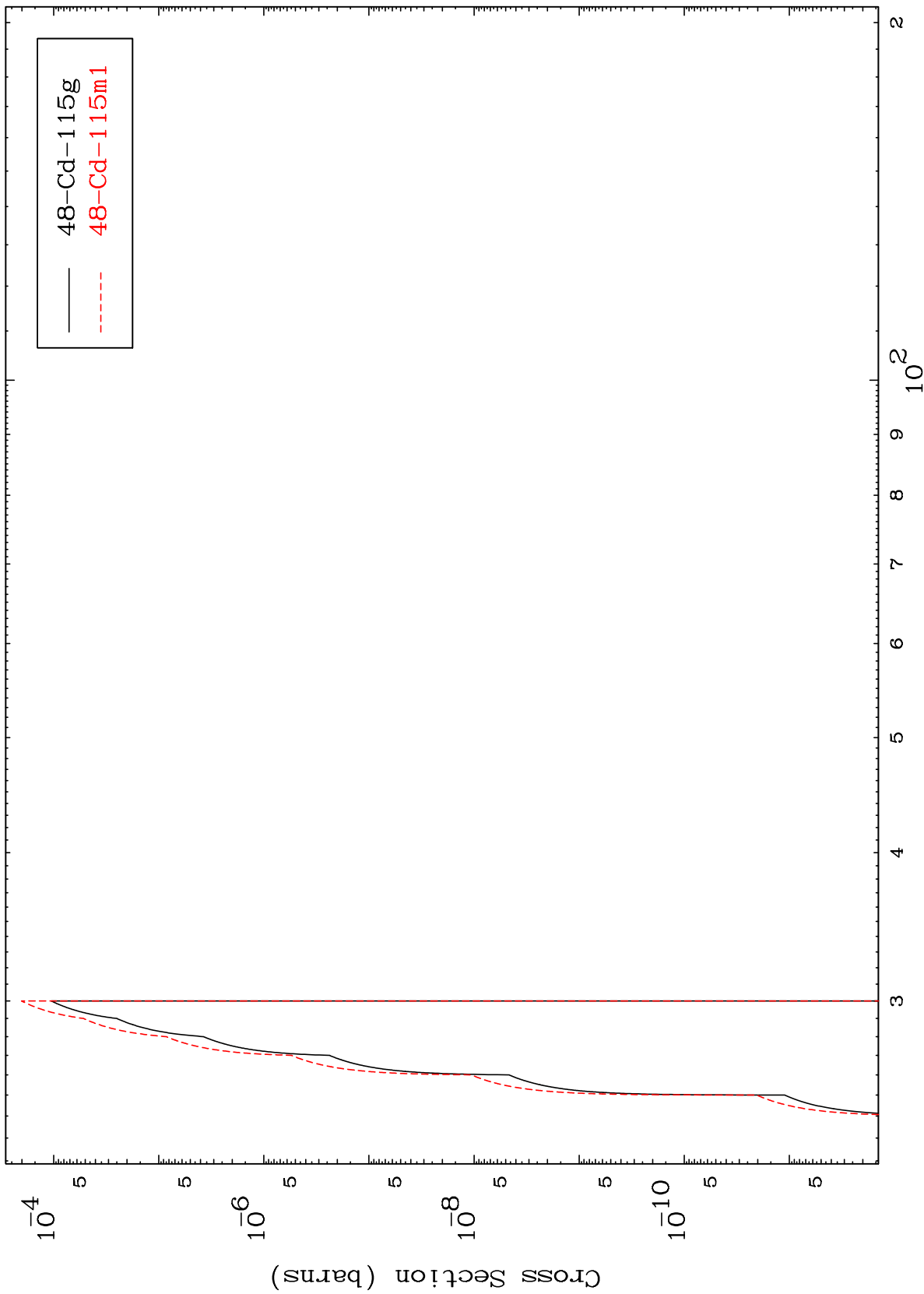
Incident Energy (MeV)

MAT 4942

(n,3n) p

49-In-118n

Radionuclide Production Cross Section



28

Incident Energy (MeV)

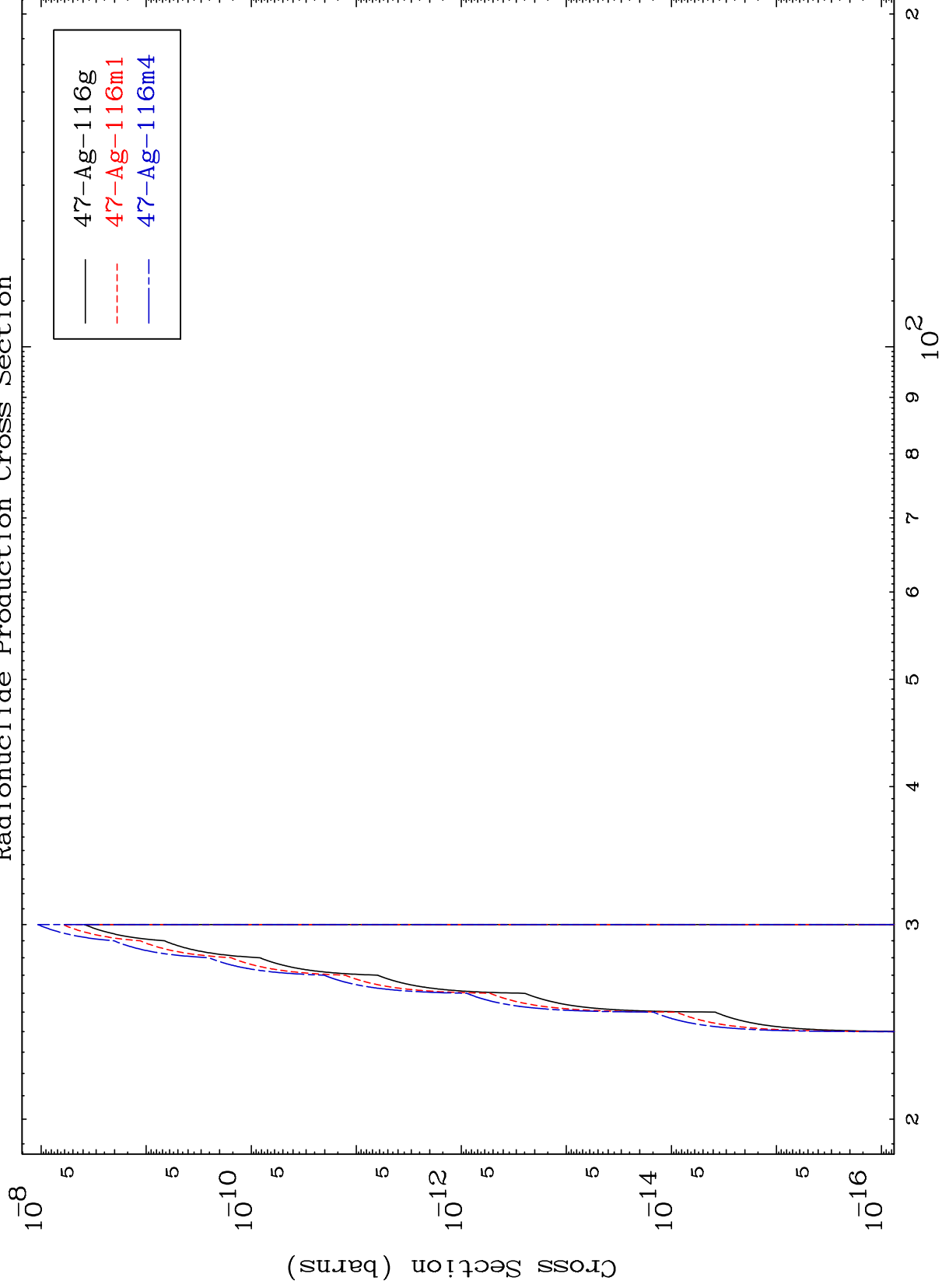
49-In-118n

MAT 4942

(n,2n) p

49-In-118n

Radionuclide Production Cross Section

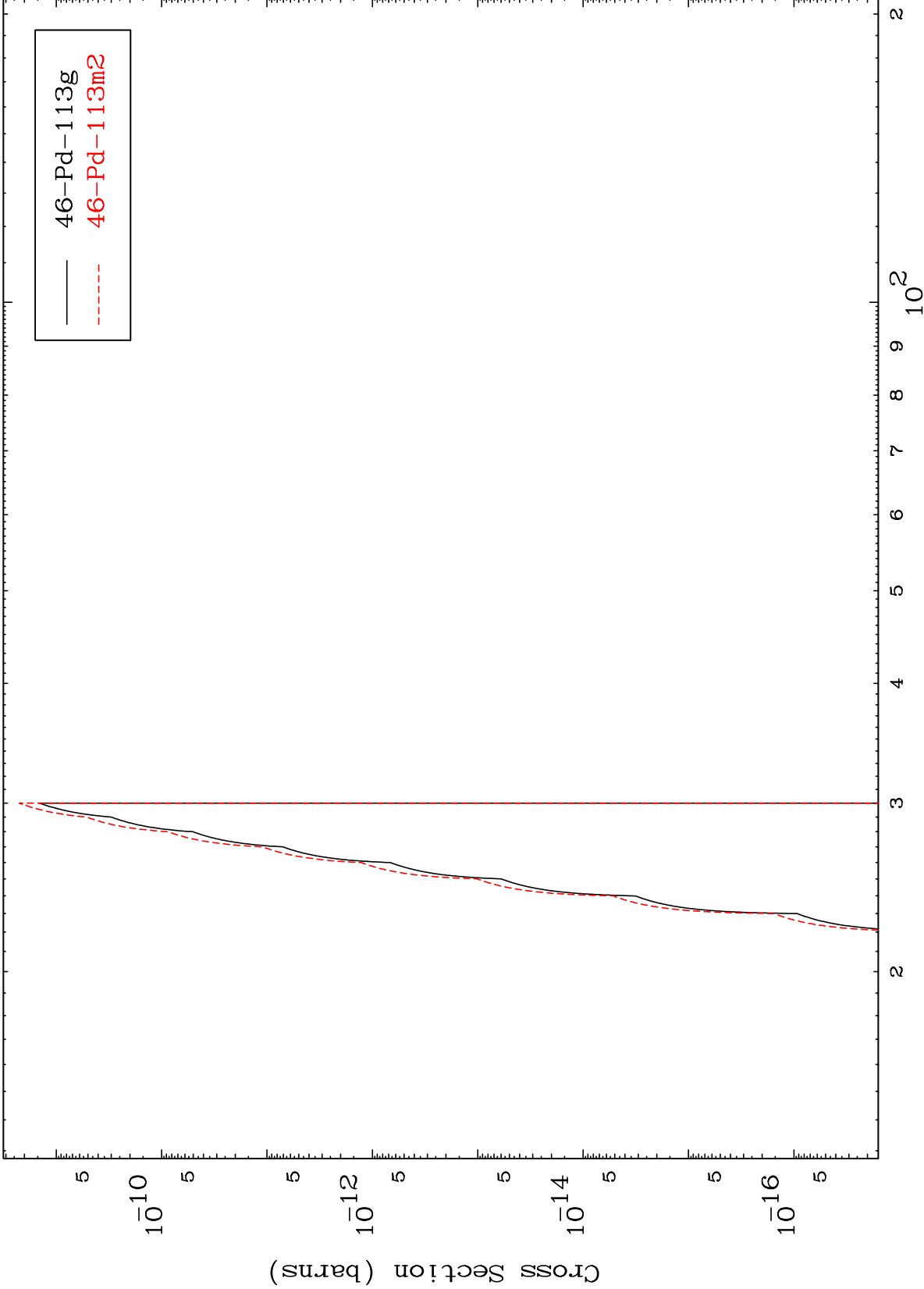


29

Incident Energy (MeV)

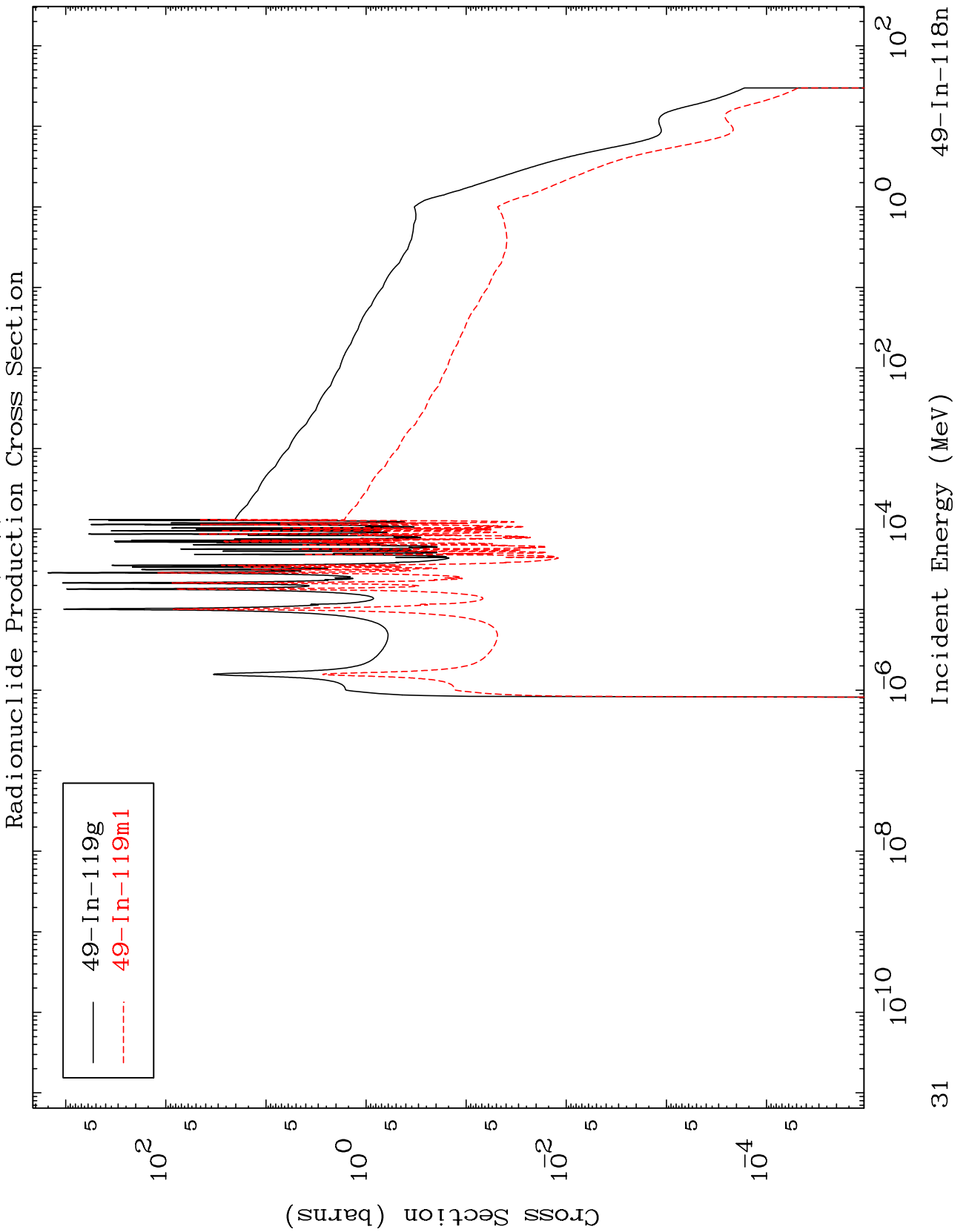
49-In-118n

Radionuclide Production Cross Section



MAT 4942

49-In-118n

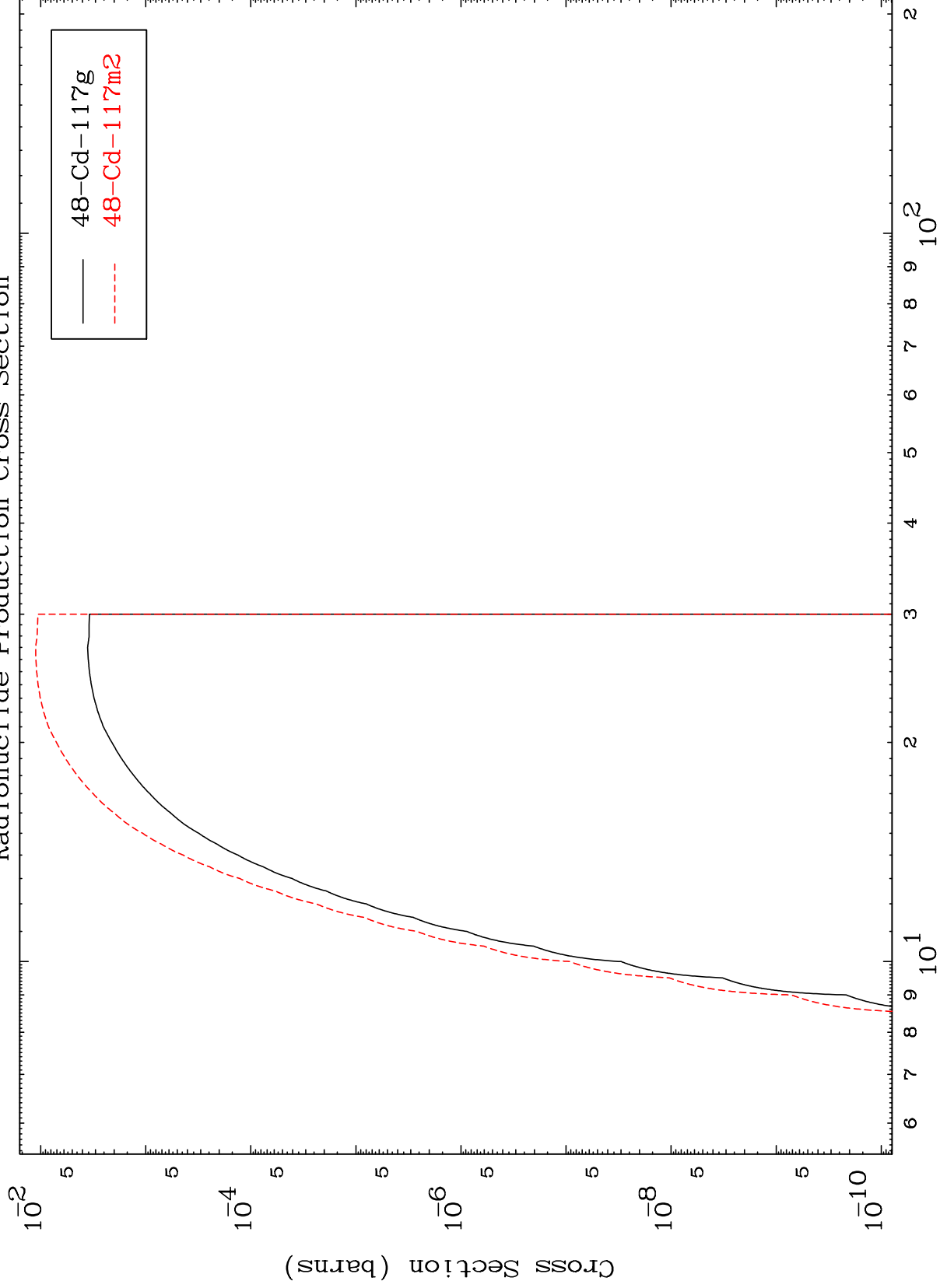


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(n,d)

49-In-118n

Radionuclide Production Cross Section



32

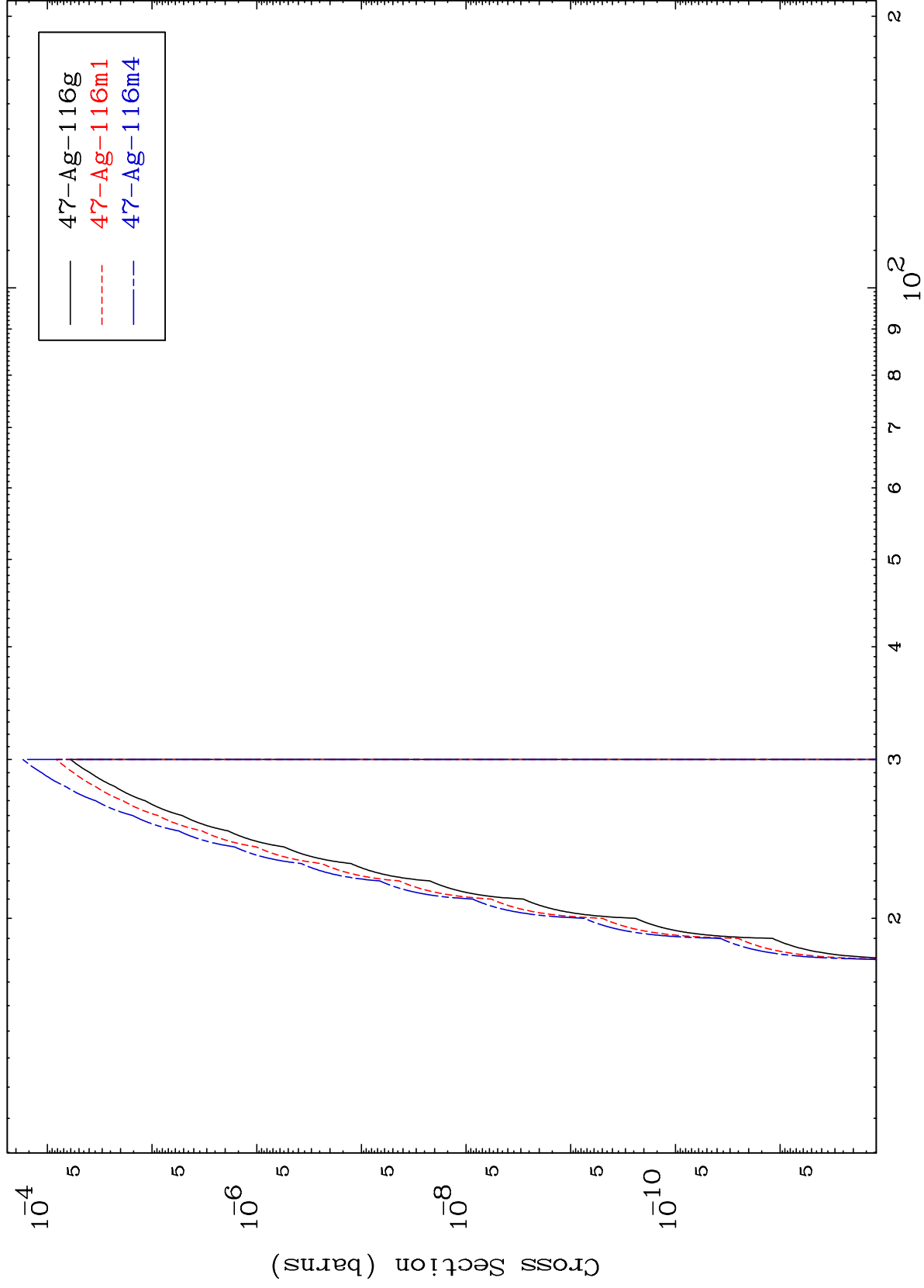
Incident Energy (MeV)

49-In-118n

MAT 4942

49-In-118n

(n,He-3)
Radionuclide Production Cross Section

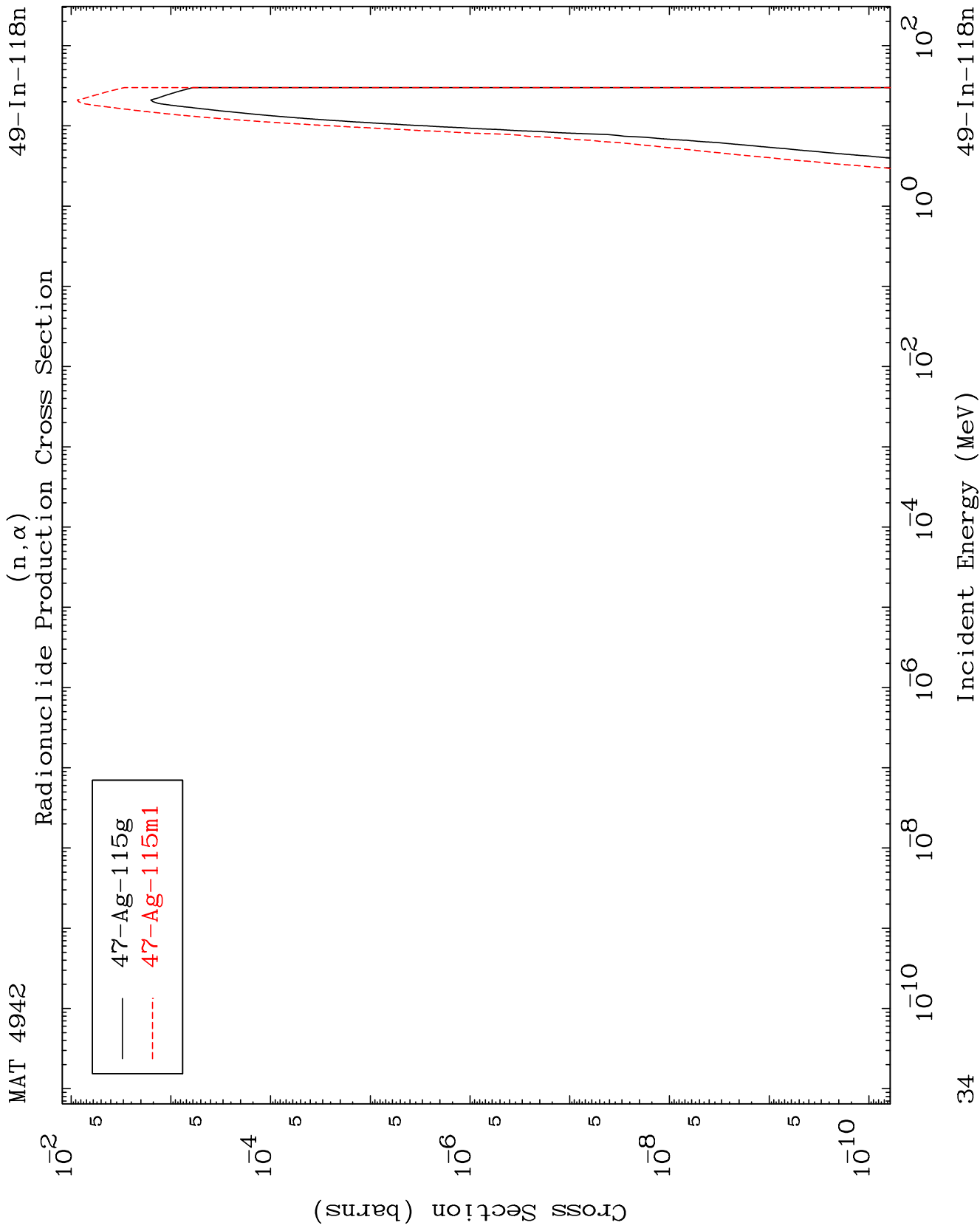


33

Incident Energy (MeV)

49-In-118n

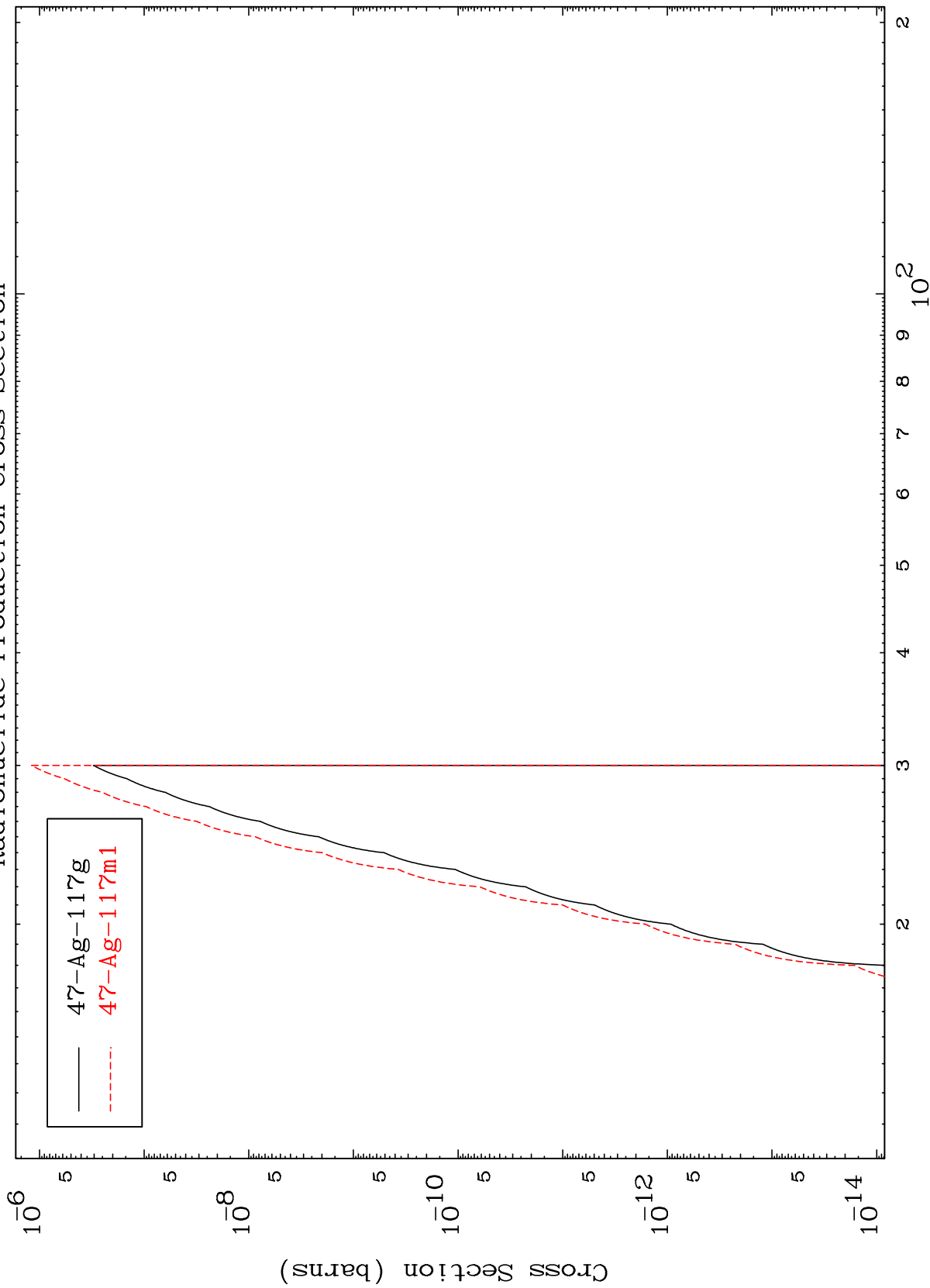
MAT 4942



MAT 4942

49-In-118n

(n,2p)
Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-118n

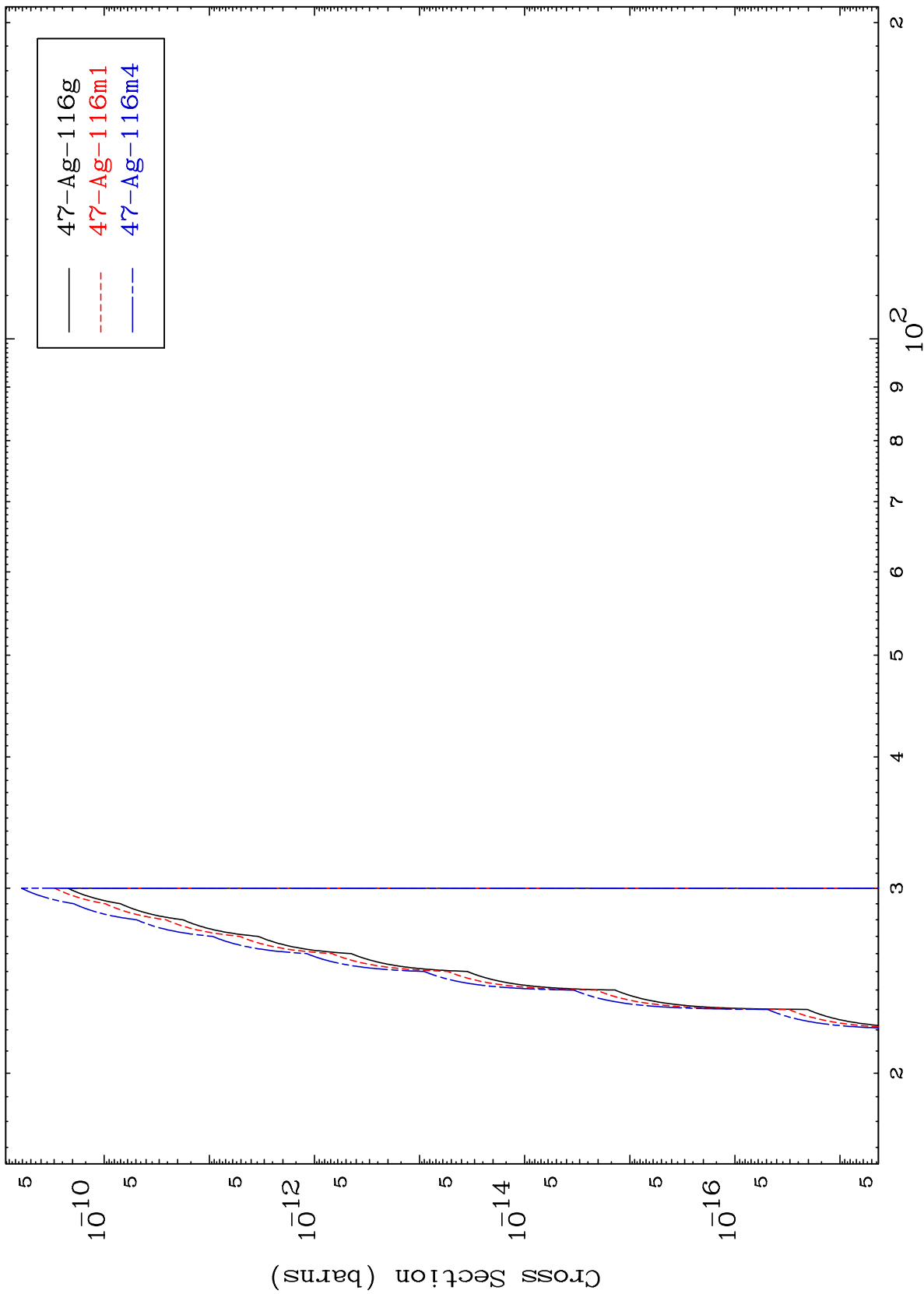
35

MAT 4942

(n,p) d

49-In-118n

Radionuclide Production Cross Section



36

Incident Energy (MeV)

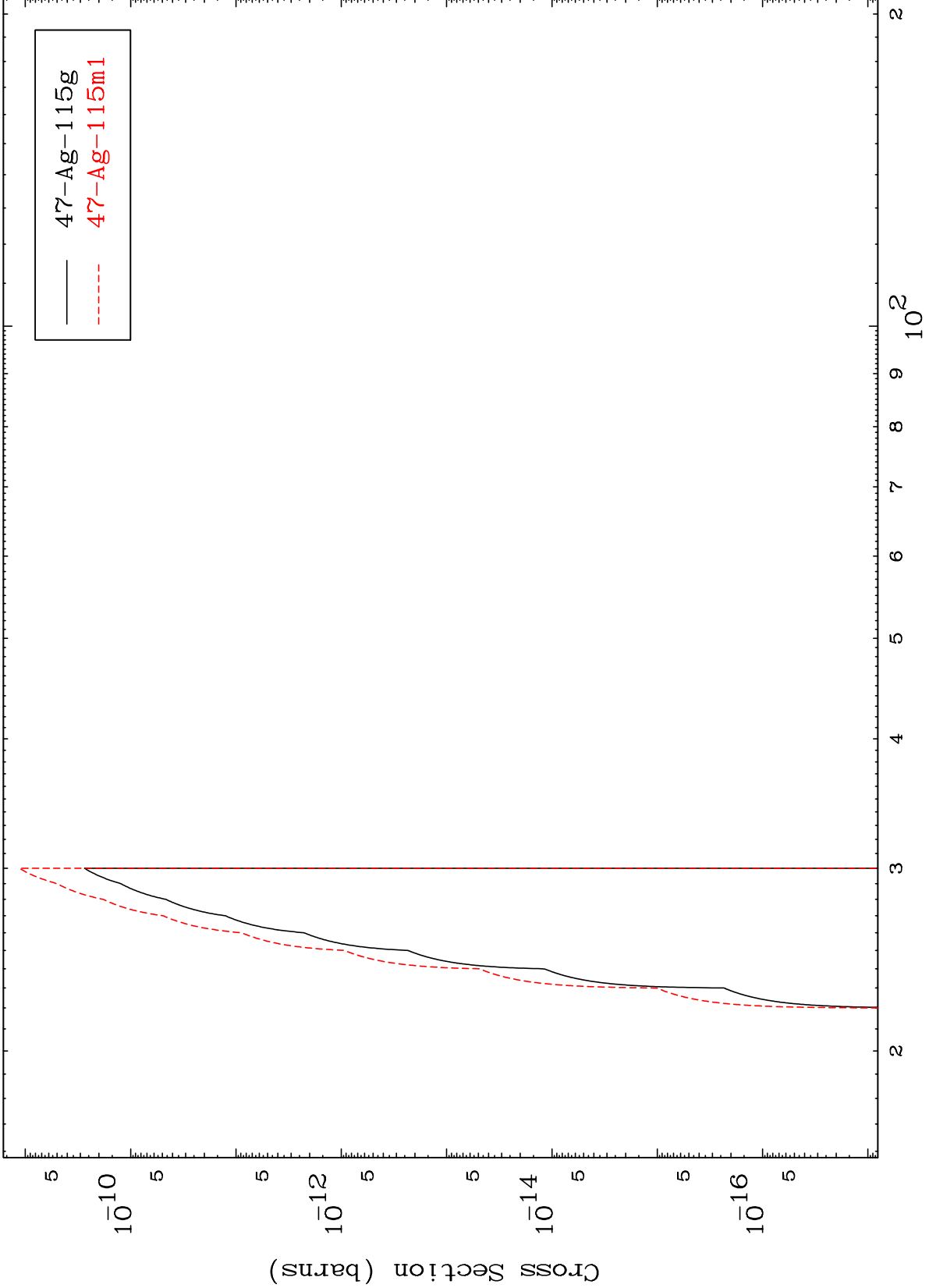
49-In-118n

MAT 4942

(n,p) t

49-In-118n

Radionuclide Production Cross Section



37

Incident Energy (MeV)

49-In-118n