

Program EVALPLOT
(Version 2018-1)

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
Web:redcullen1.net/HOMEPAGE.NEW

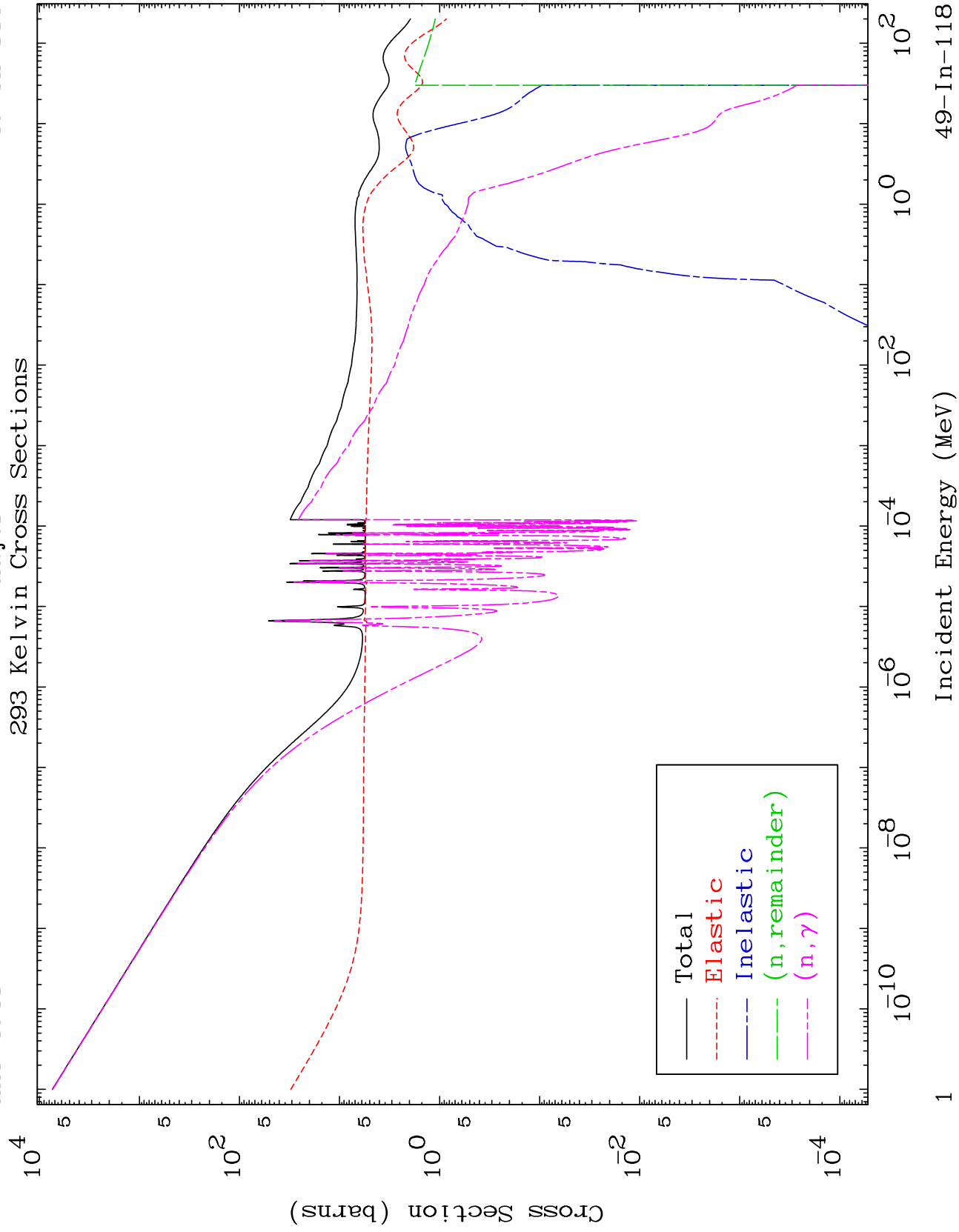
Press Mouse Button to Start

MAT 4941

Major

293 Kelvin Cross Sections

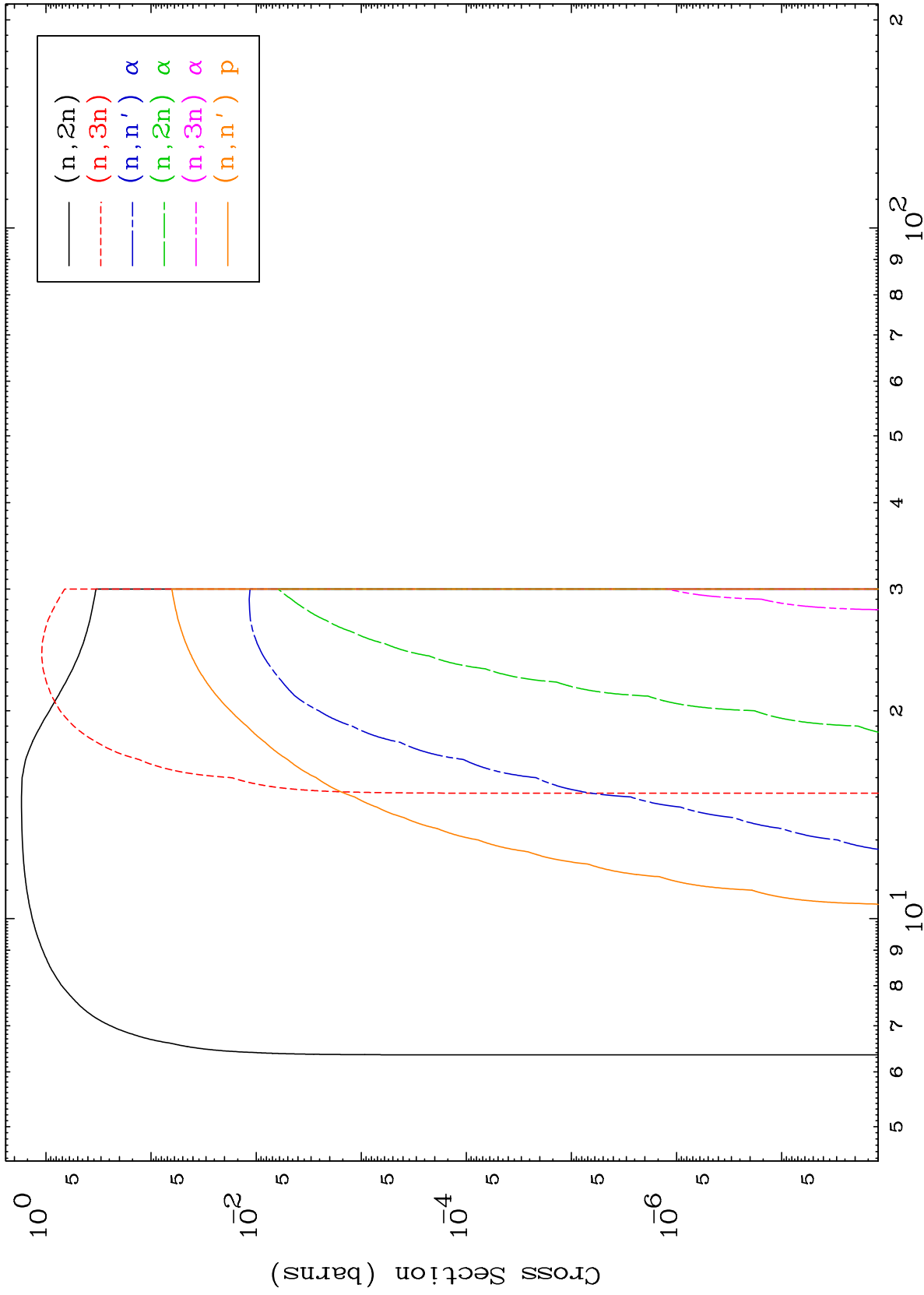
49-In-118



MAT 4941

Neutron Production 293 Kelvin Cross Sections

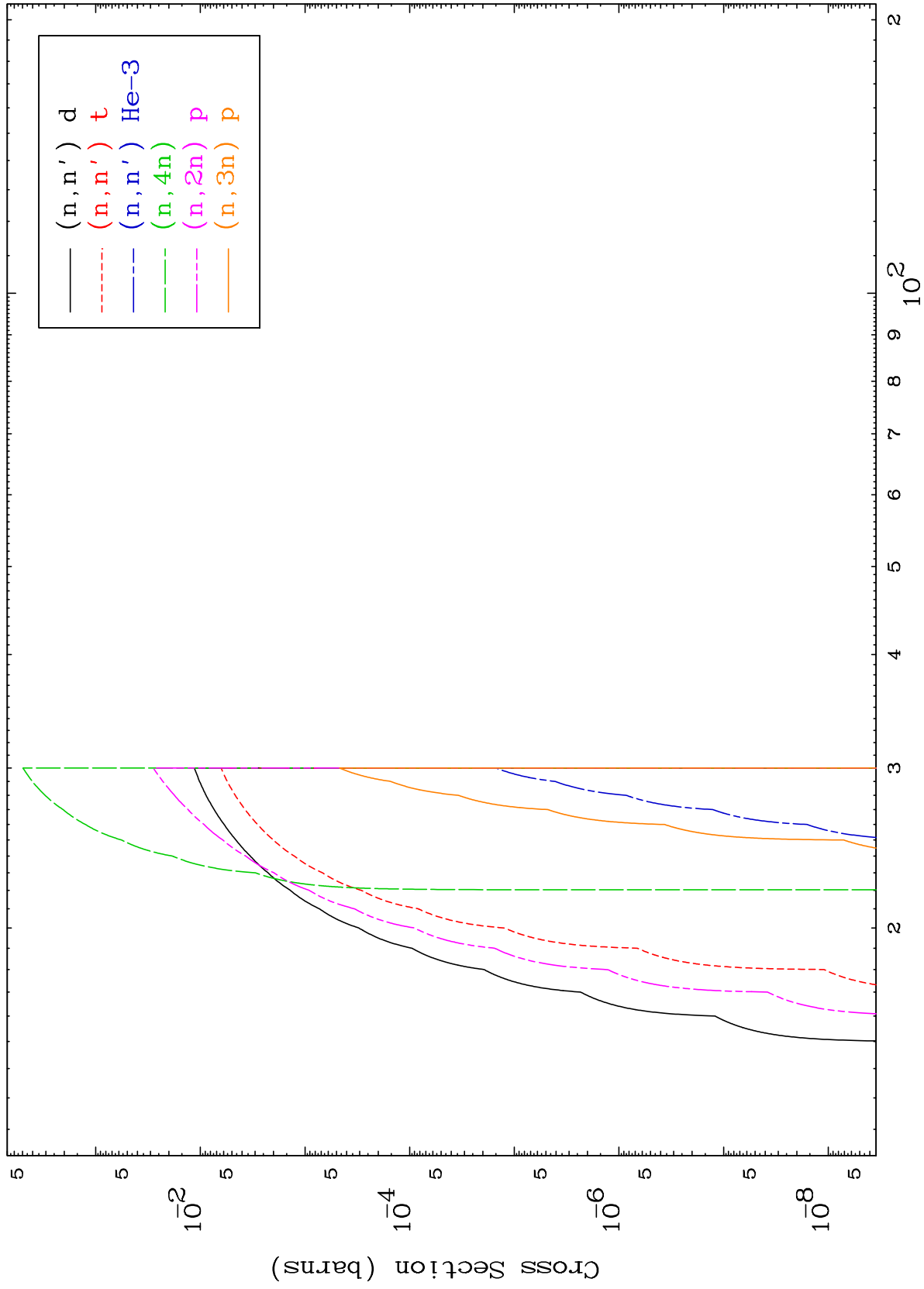
49-In-118



2

Incident Energy (MeV)

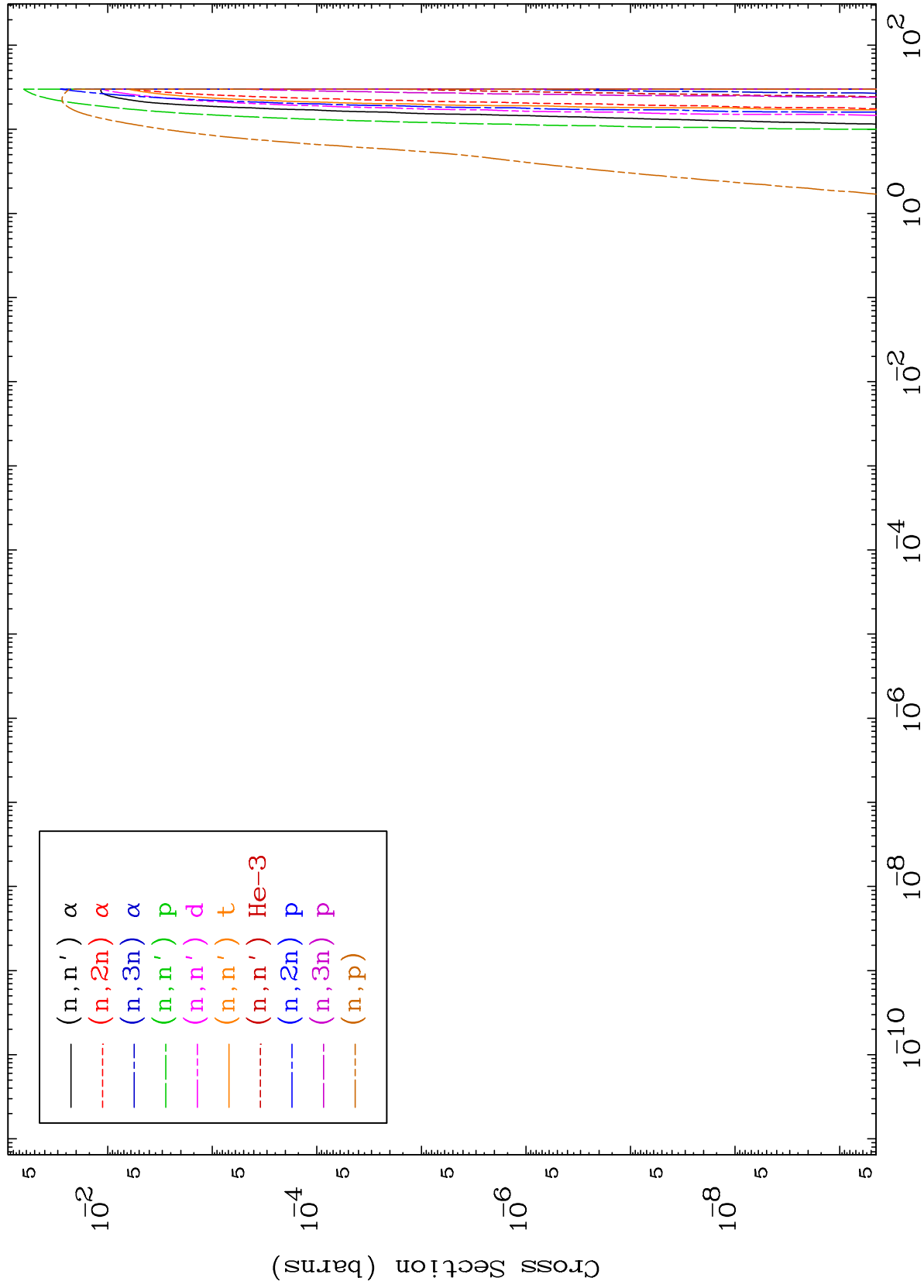
49-In-118



MAT 4941

293 Charged Particle
Kelvin Cross Sections

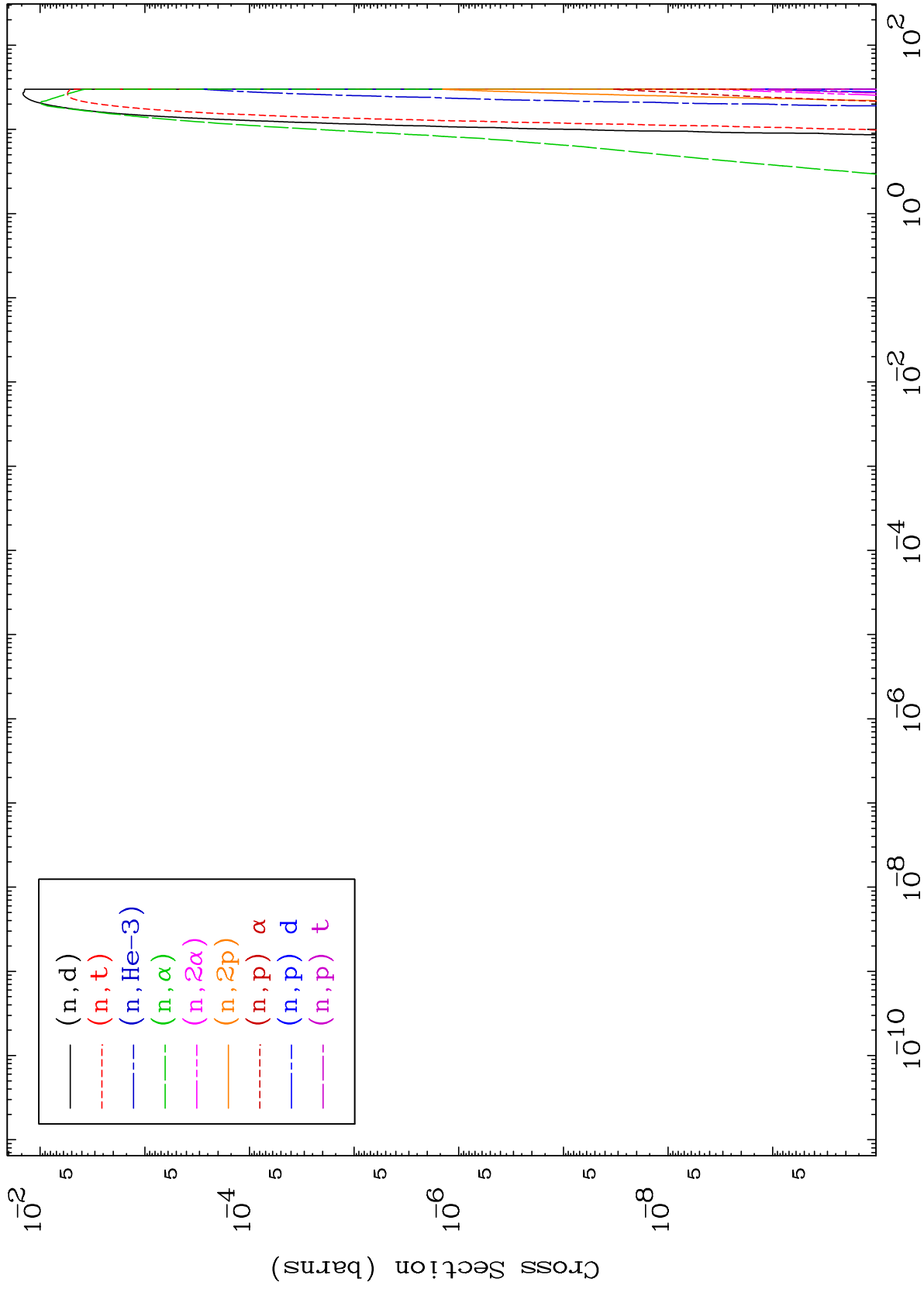
49-In-118



MAT 4941

Charged Particle
293 Kelvin Cross Sections

49-In-118



5

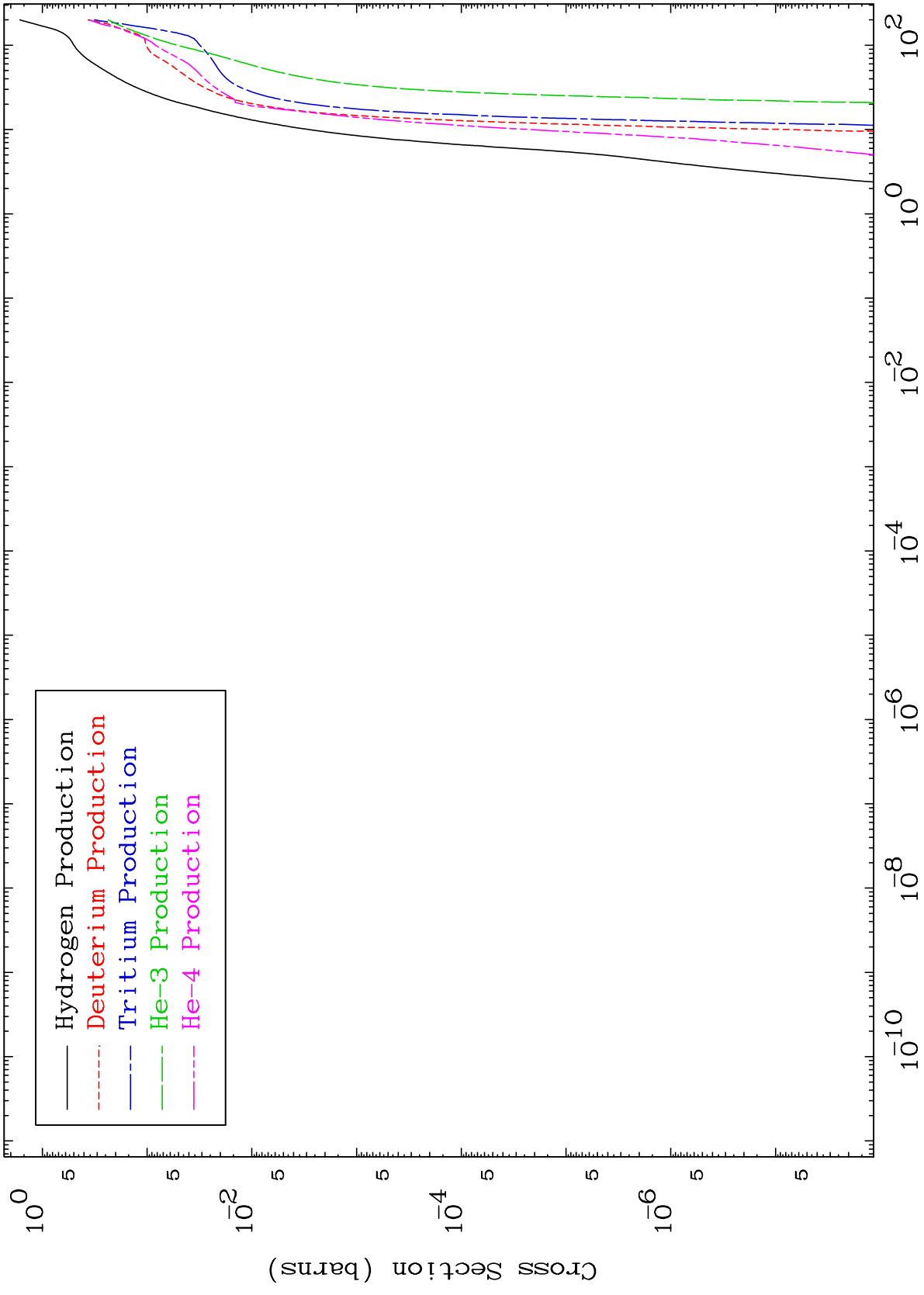
Incident Energy (MeV)

49-In-118

MAT 4941

Particle Production
293 Kelvin Cross Sections

49-In-118



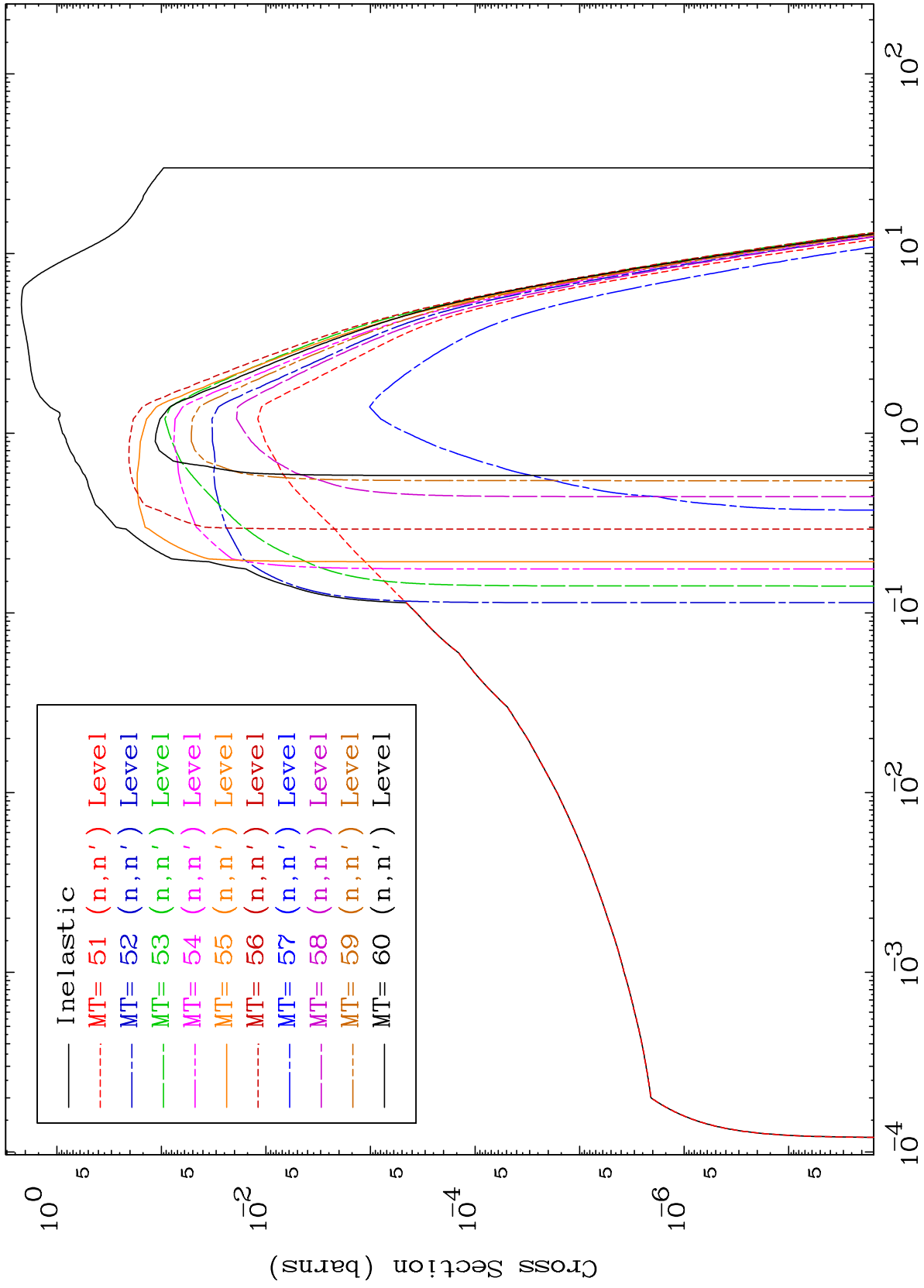
49-In-118

MAT 4941

293 Kelvin Cross Sections

(n,n') Level

49-In-118

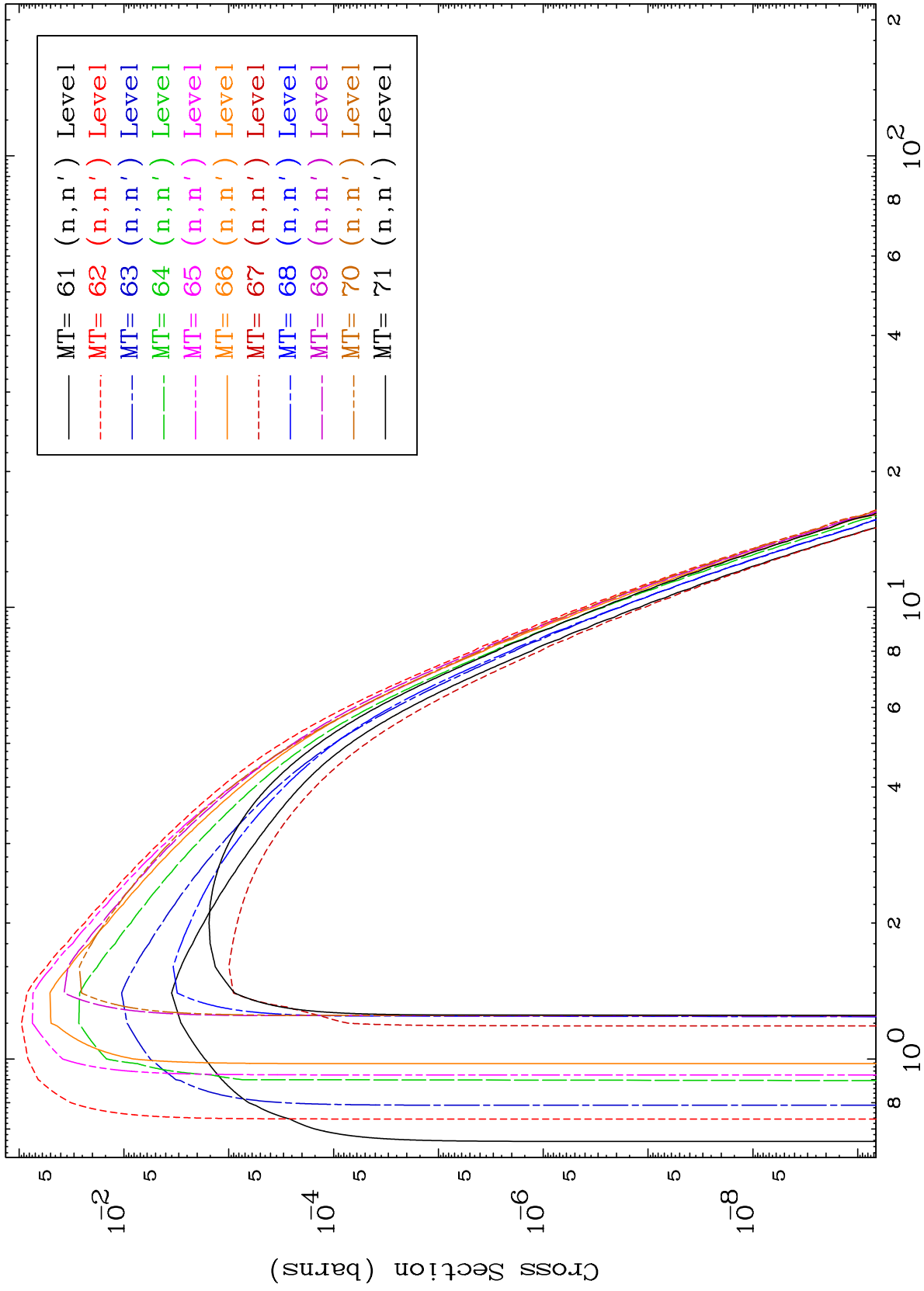


MAT 4941

(n,n') Level

49-In-118

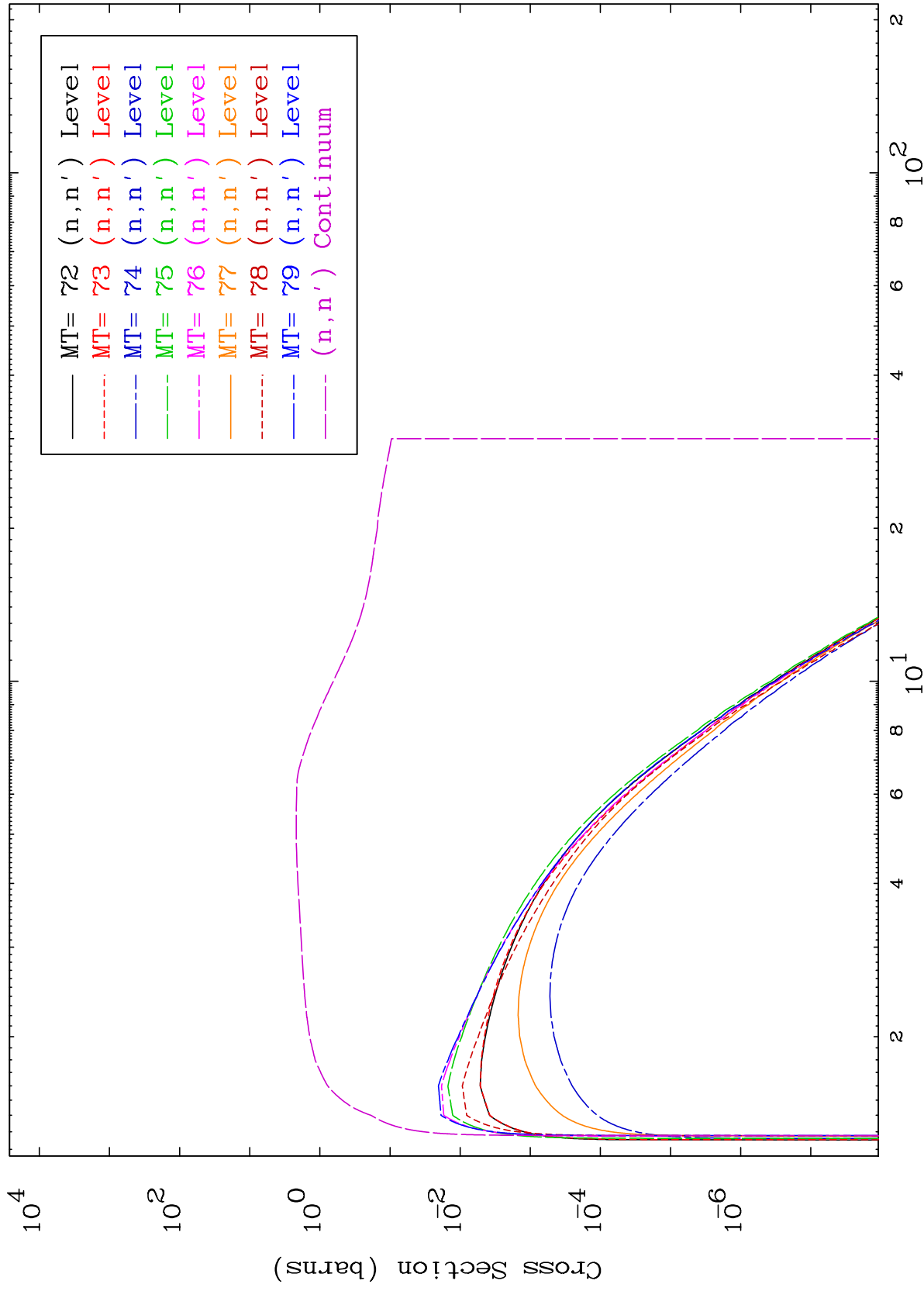
293 Kelvin Cross Sections



8

Incident Energy (MeV)

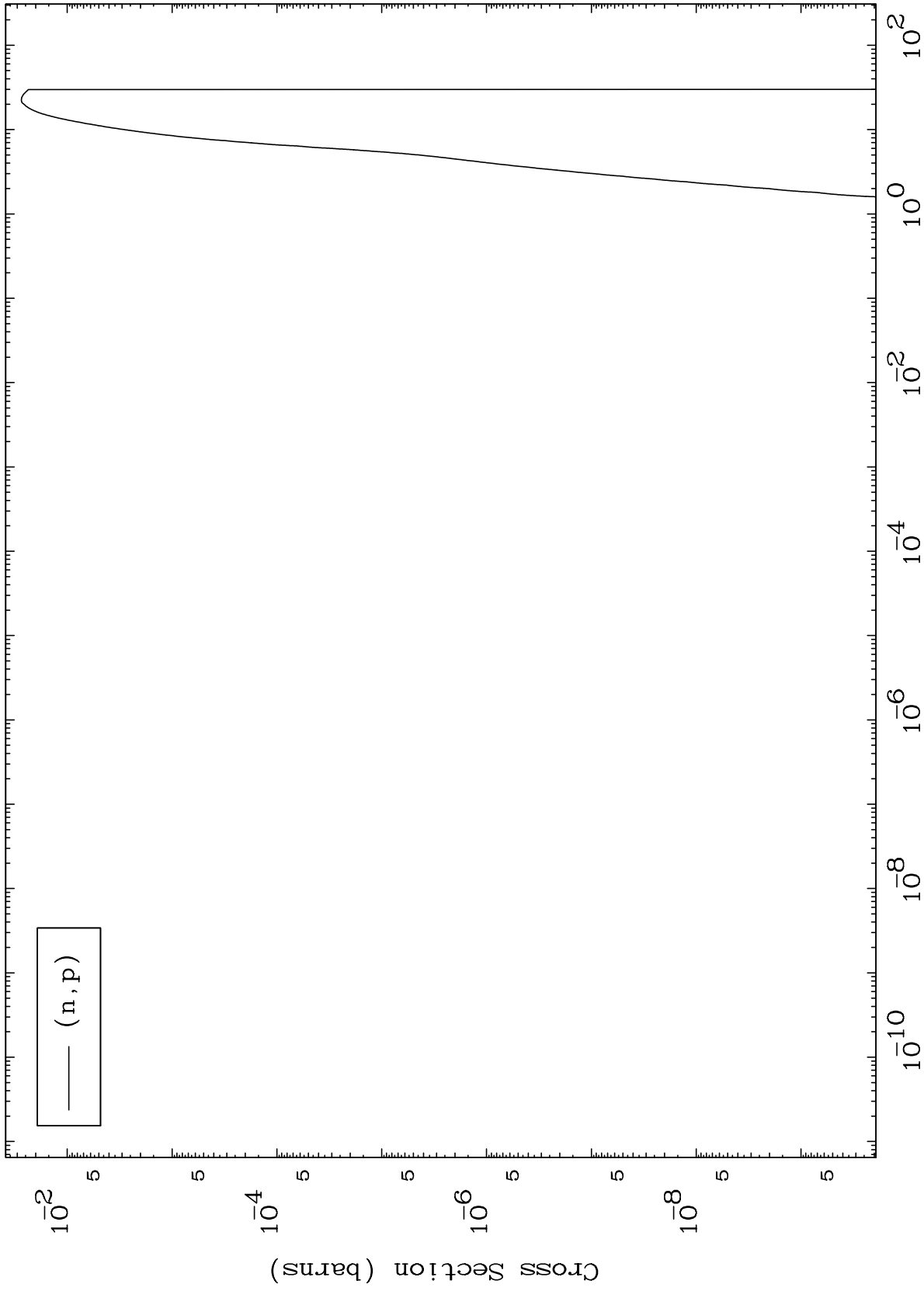
49-In-118



MAT 4941

(n,p) Levels
293 Kelvin Cross Sections

49-In-118



10

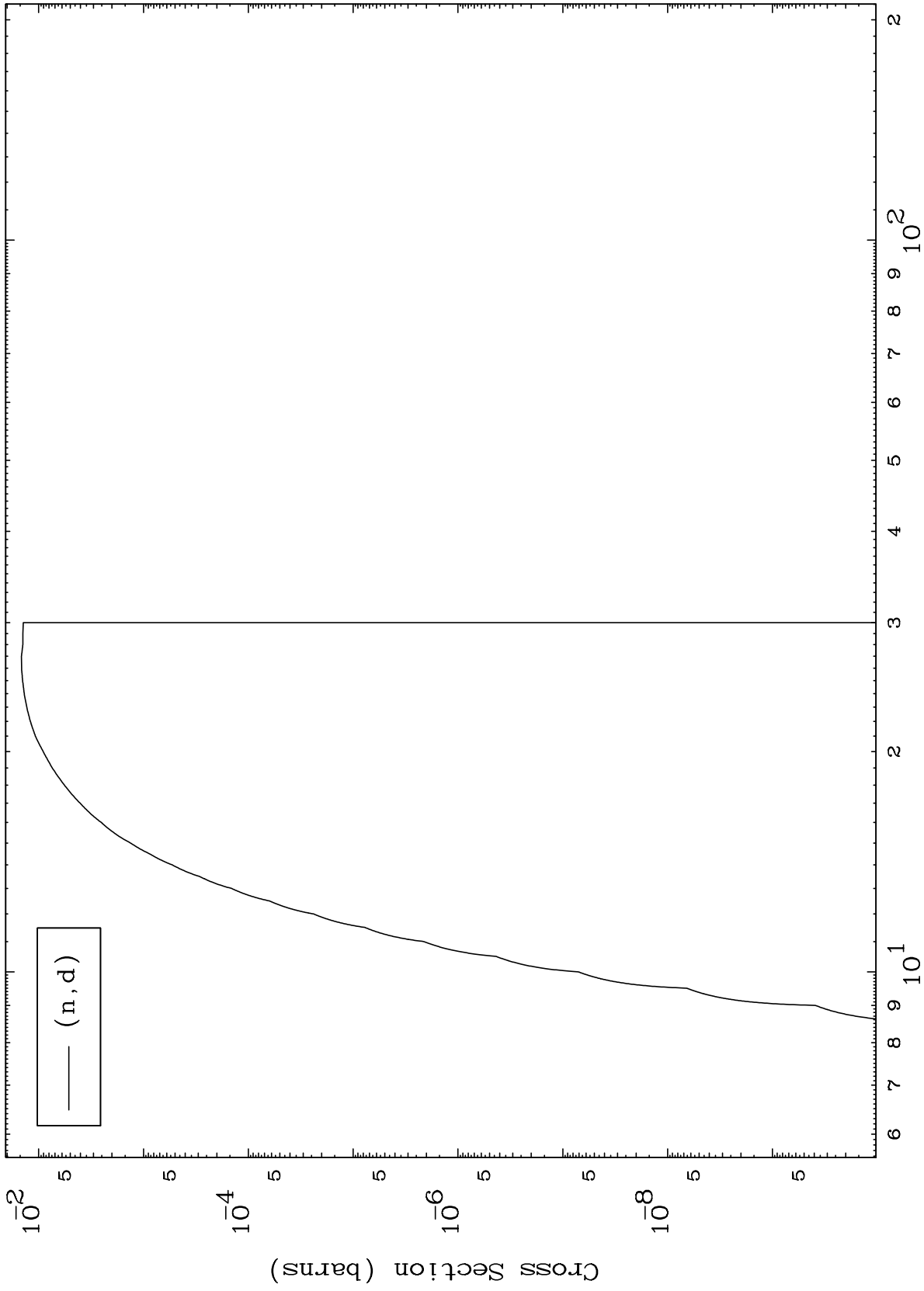
Incident Energy (MeV)

49-In-118

MAT 4941

(n,d) Levels
293 Kelvin Cross Sections

49-In-118



11

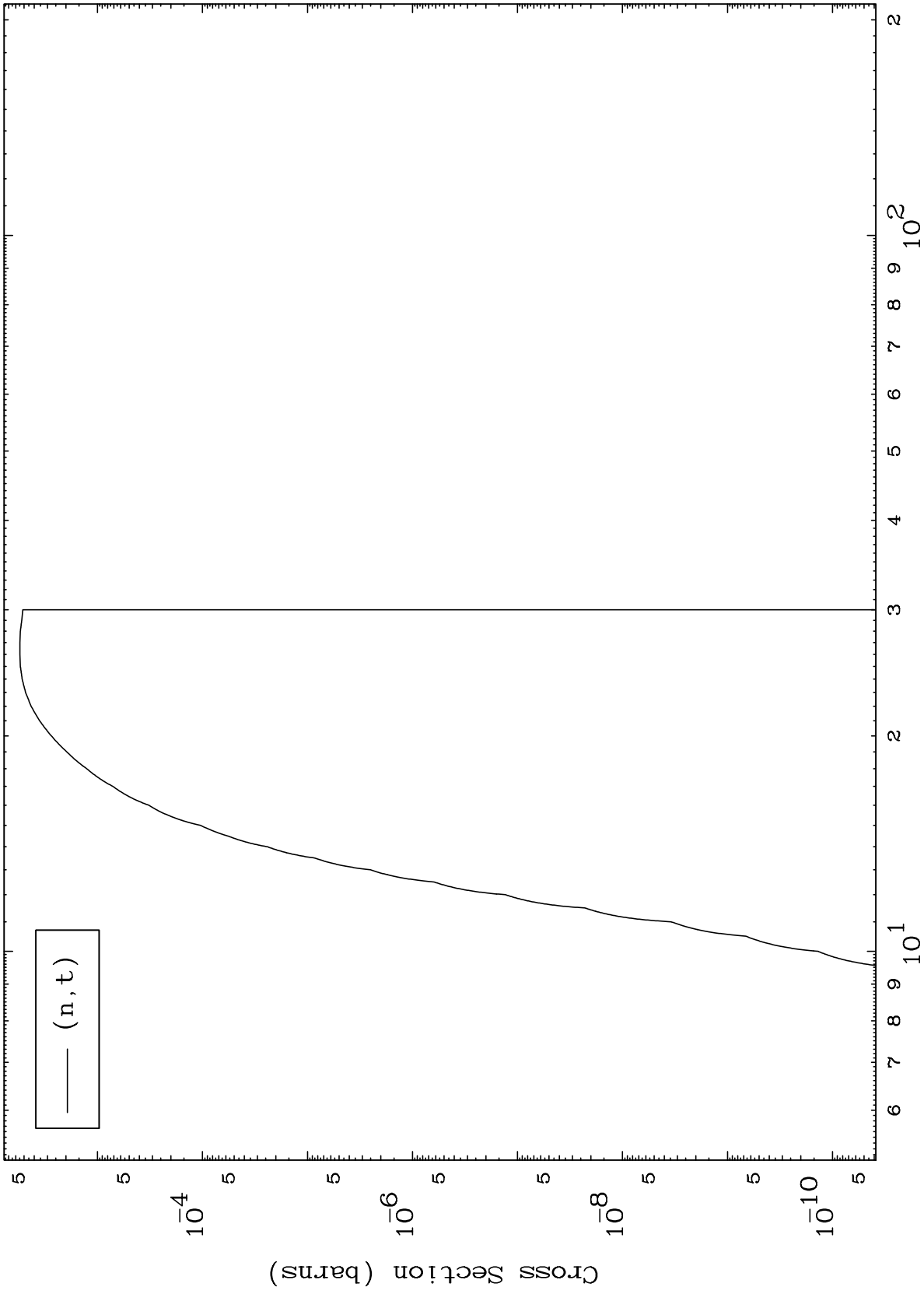
Incident Energy (MeV)

49-In-118

MAT 4941

(n,t) Levels
293 Kelvin Cross Sections

49-In-118



12

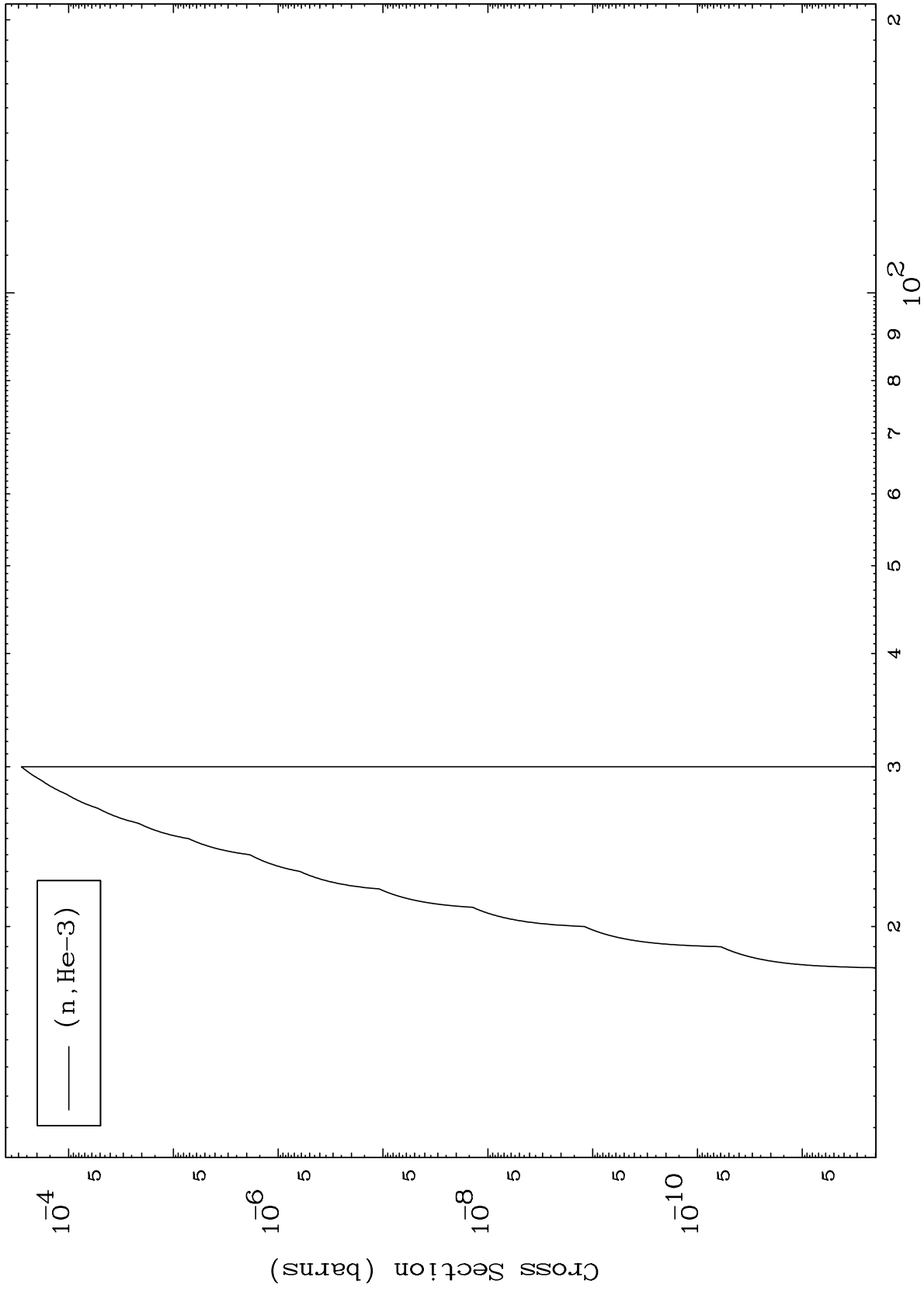
Incident Energy (MeV)

49-In-118

MAT 4941

(n,He3) Levels
293 Kelvin Cross Sections

49-In-118



13

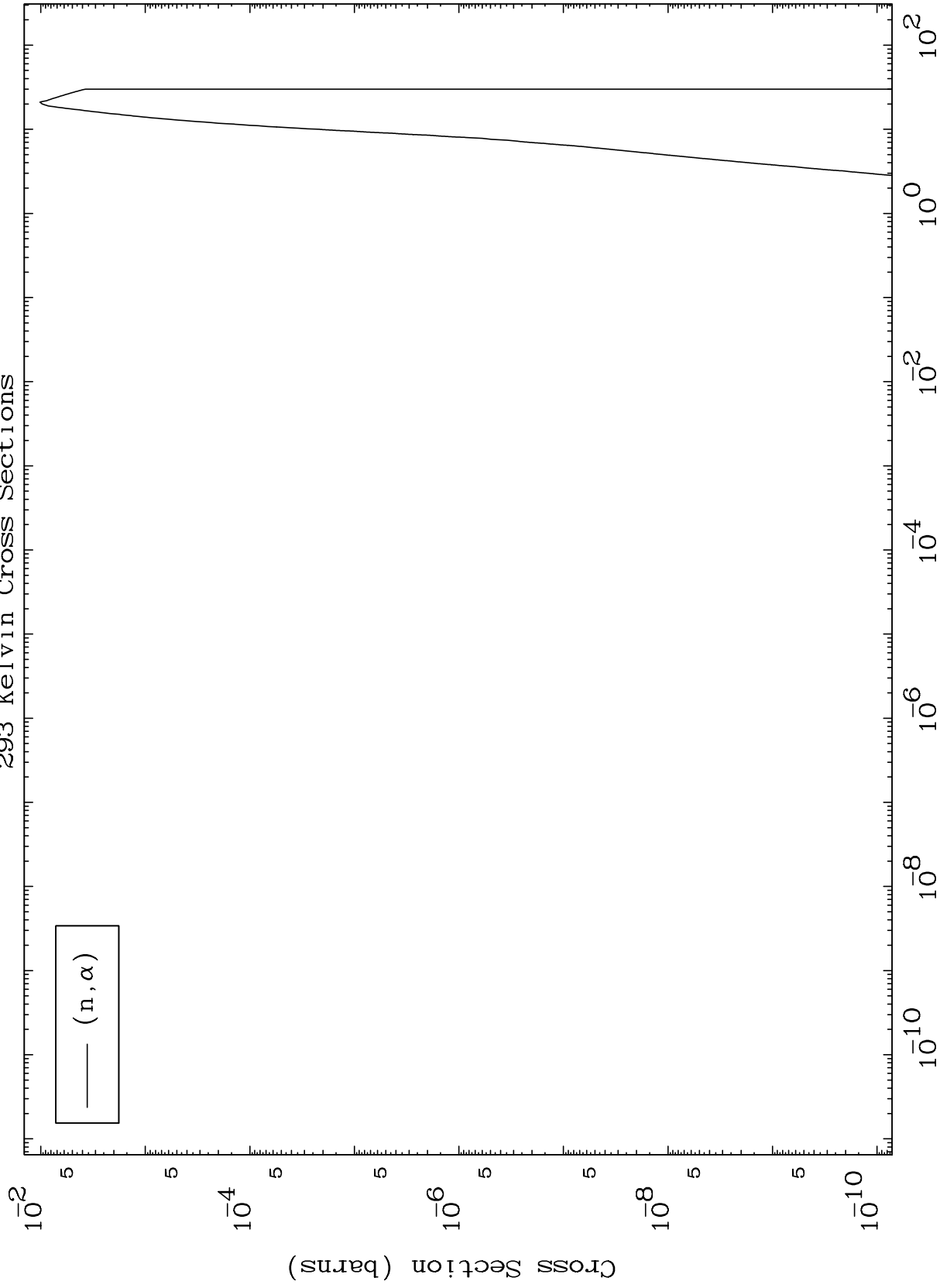
49-In-118

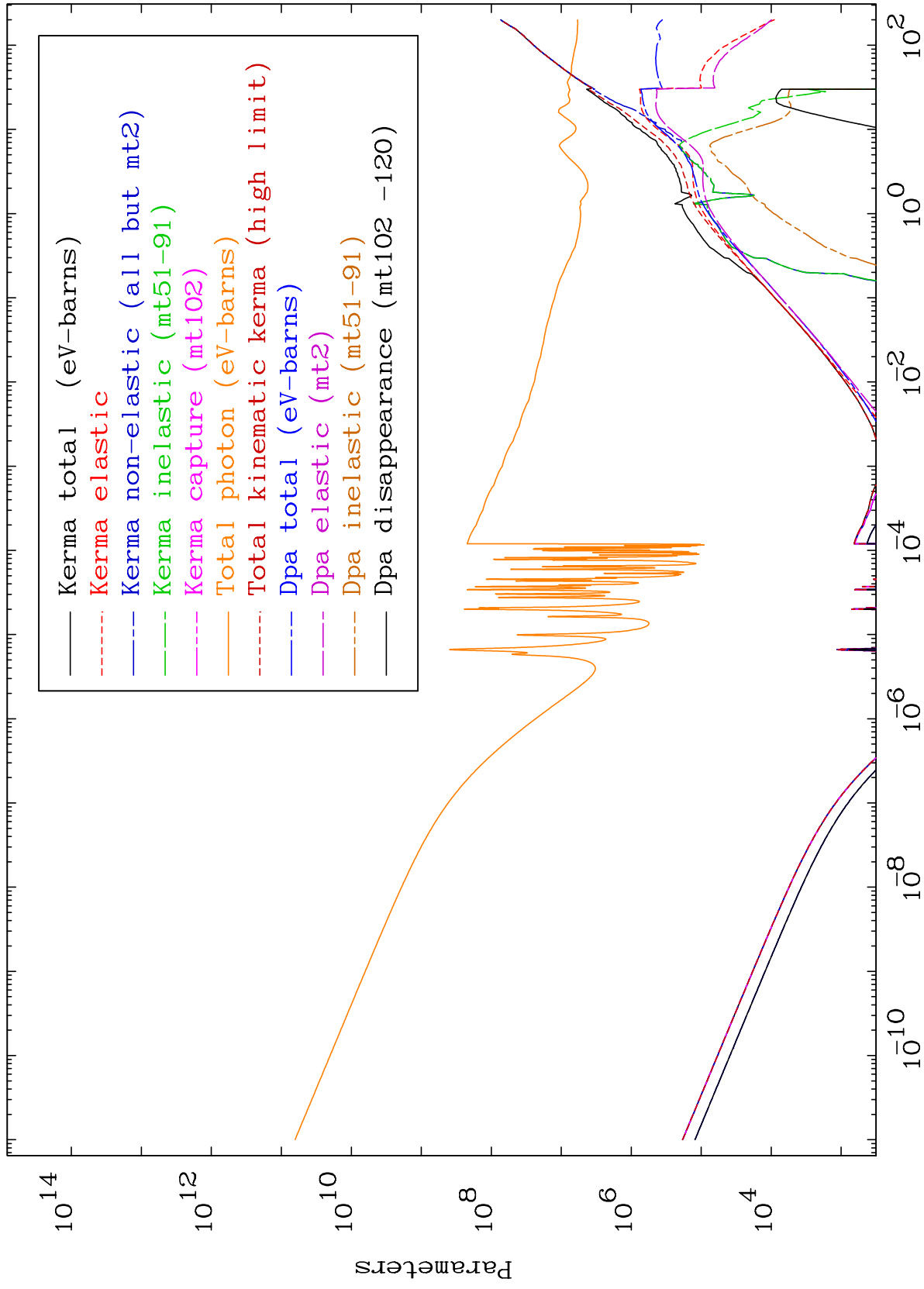
49-In-118

MAT 4941

(n,α) Levels
293 Kelvin Cross Sections

49-In-118

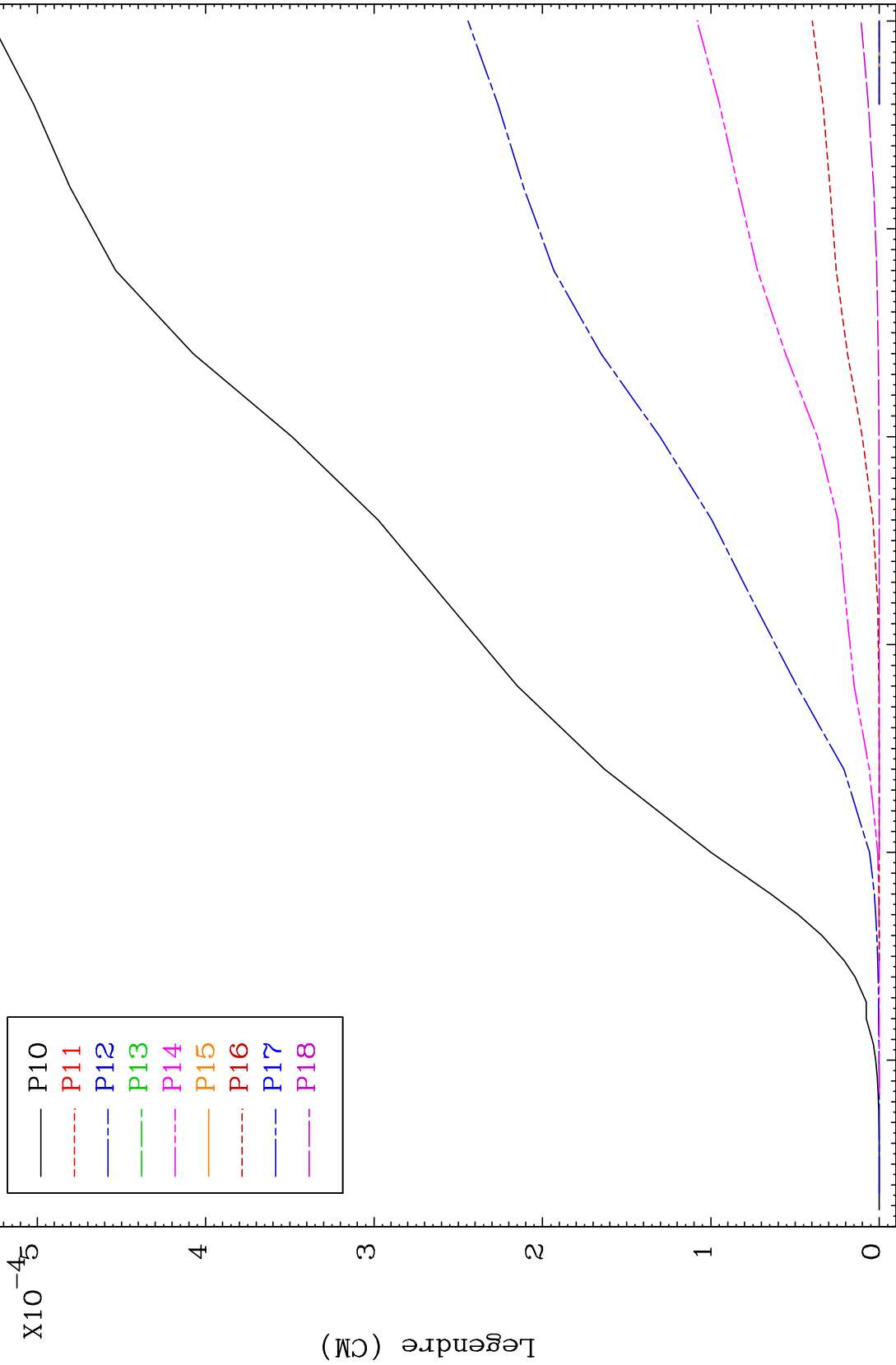
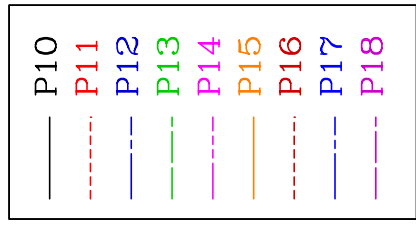




MAT 4941

Elastic Legendre Coefficients

49-In-118



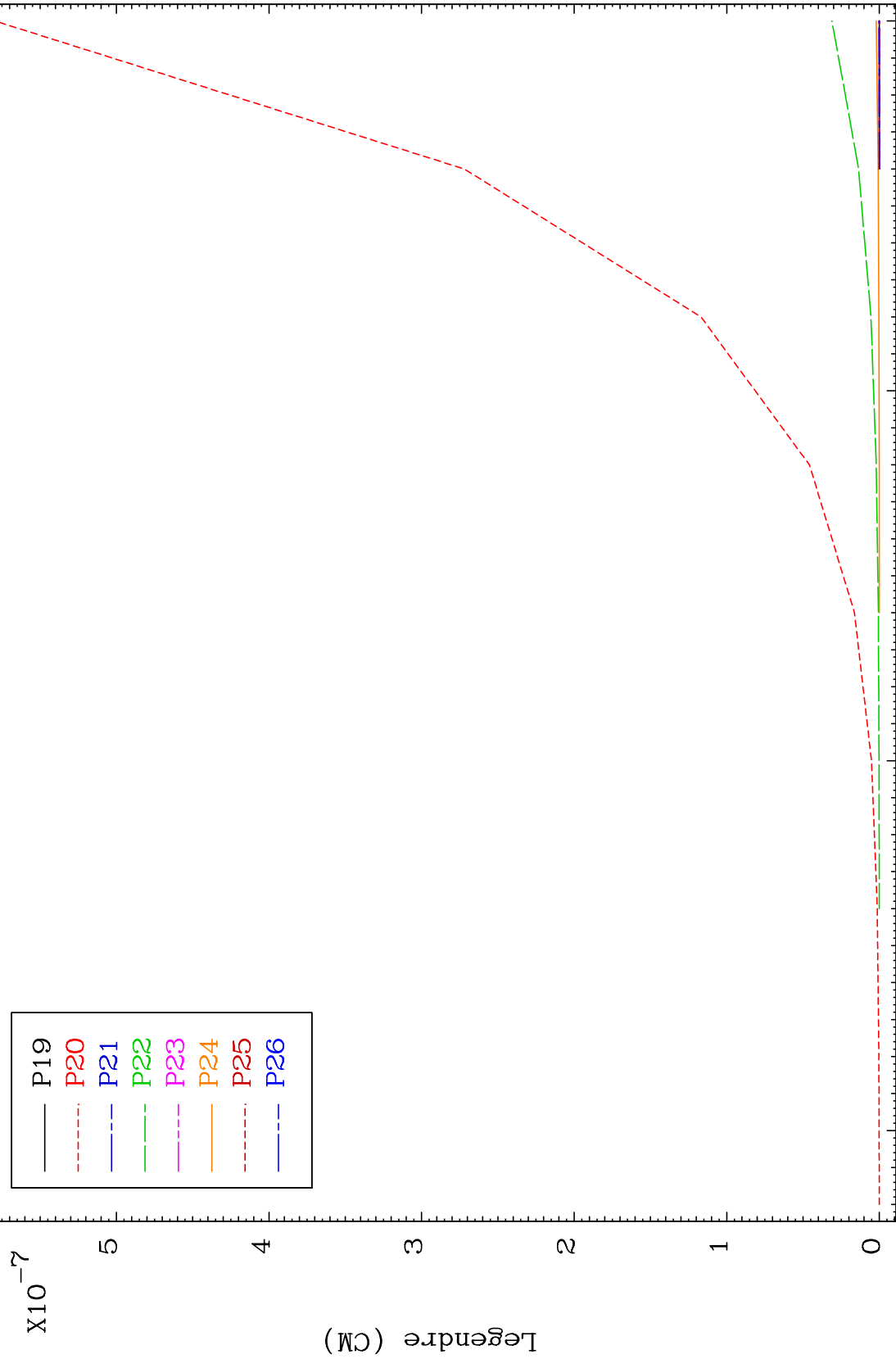
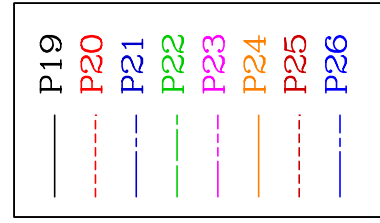
17

49-In-118

MAT 4941

Elastic
Legendre Coefficients

49-In-118



18

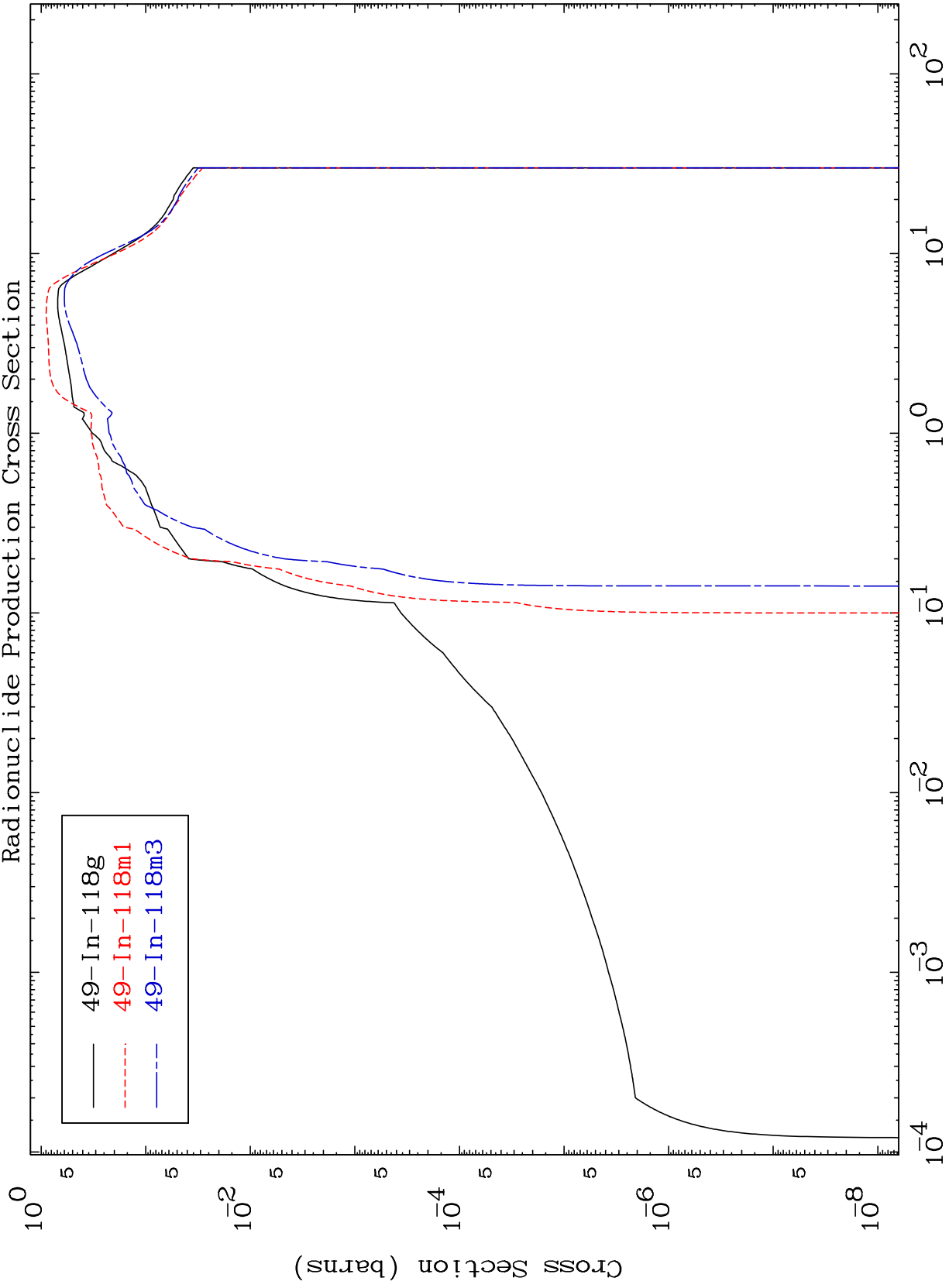
Incident Energy (MeV)

49-In-118

MAT 4941

49-In-118

Inelastic
Radionuclide Production Cross Section



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

19

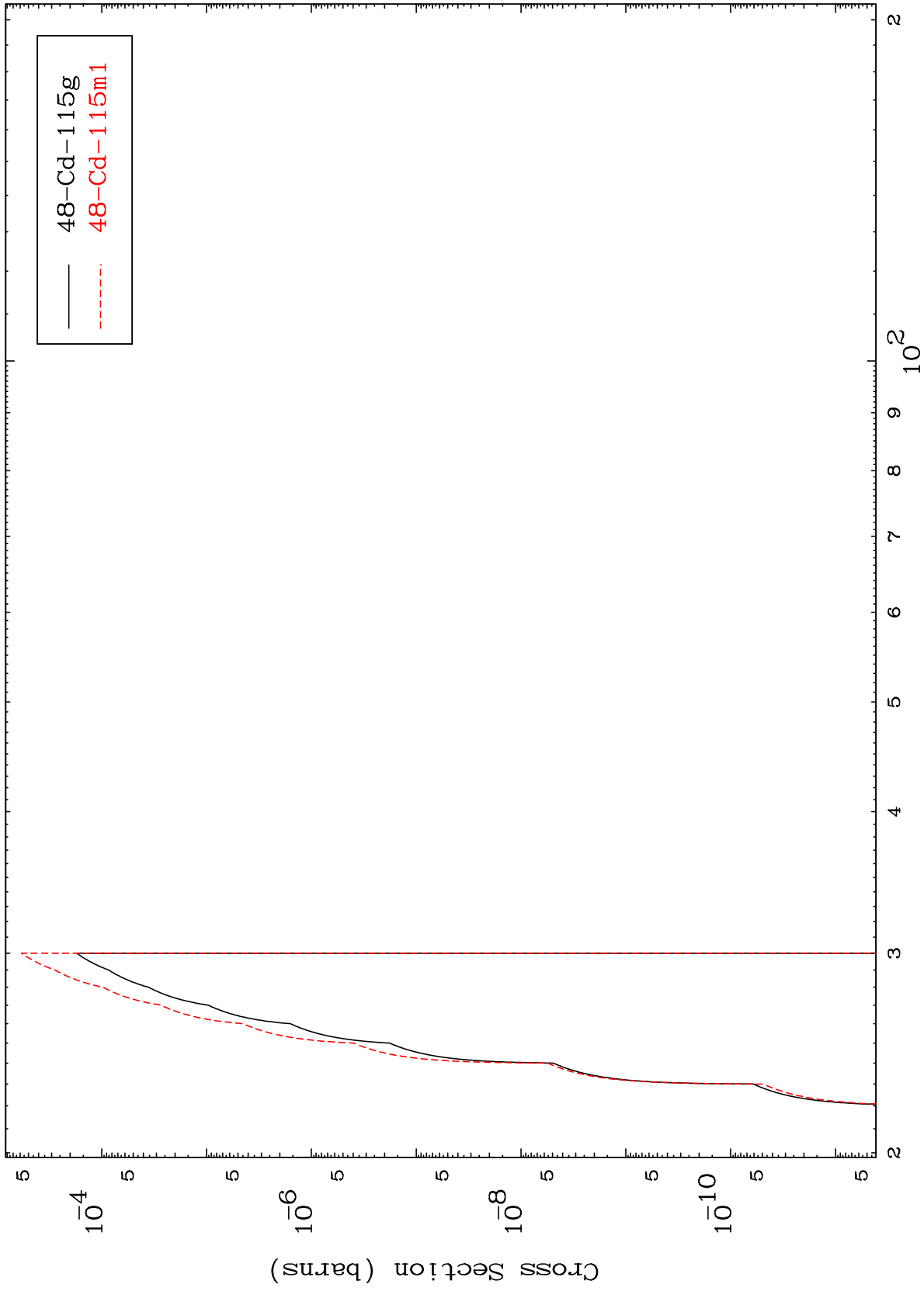
49-In-118

MAT 4941

(n,2n) d

49-In-118

Radionuclide Production Cross Section



20

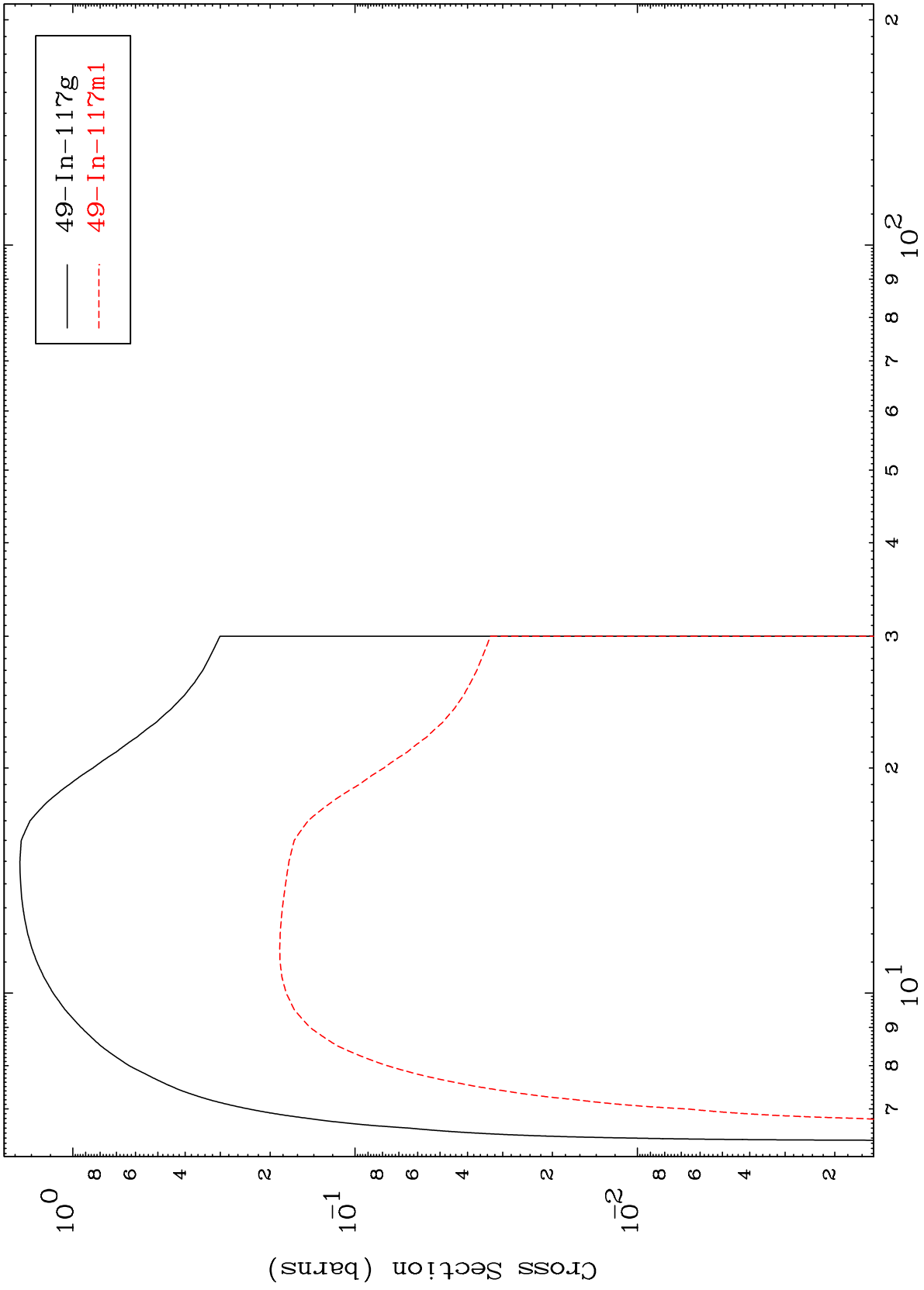
Incident Energy (MeV)

49-In-118

MAT 4941

49-In-118

(n,2n)
Radionuclide Production Cross Section



49-In-118

Incident Energy (MeV)

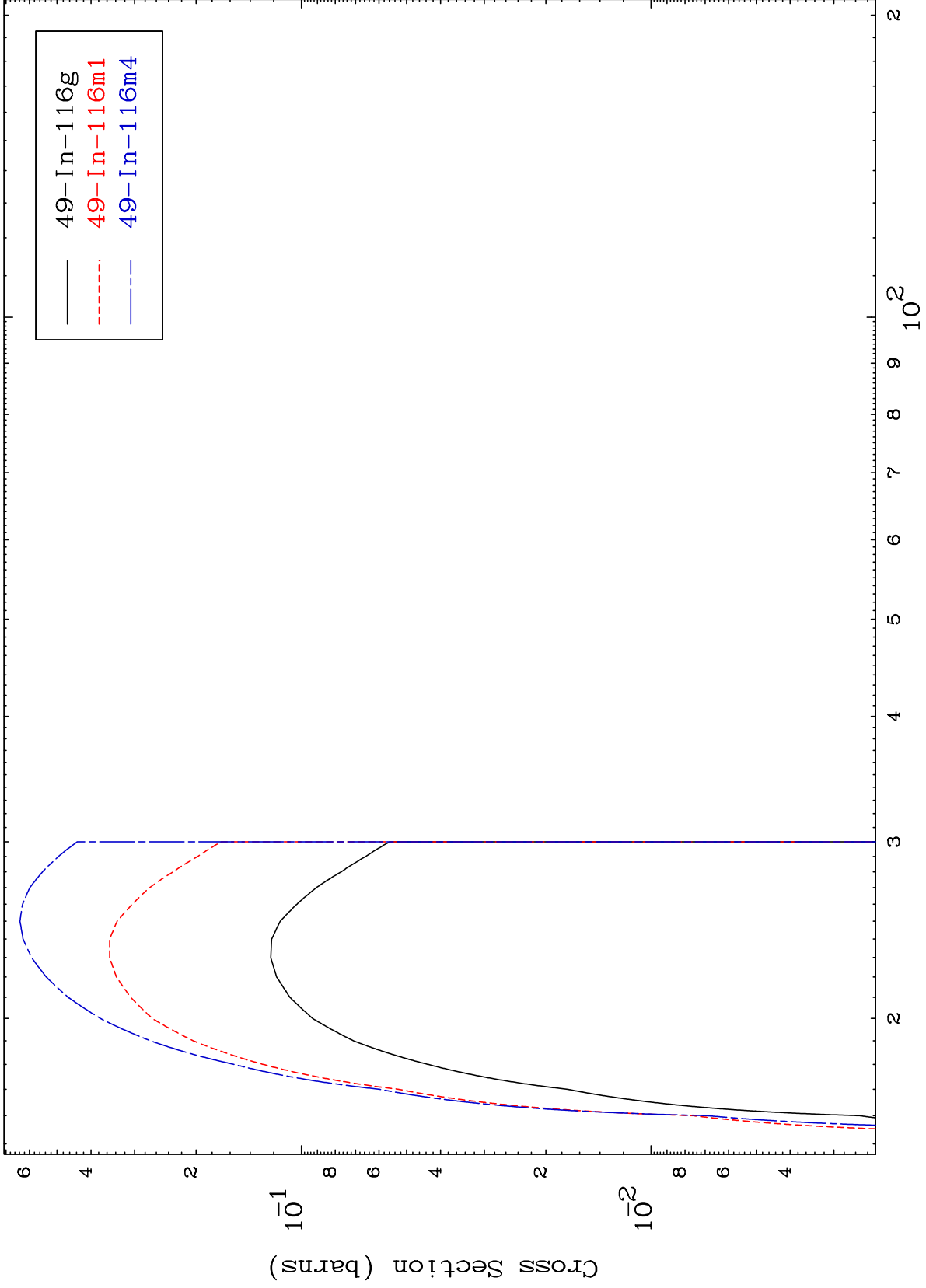
21

MAT 4941

(n,3n)

49-In-118

Radionuclide Production Cross Section



22

Incident Energy (MeV)

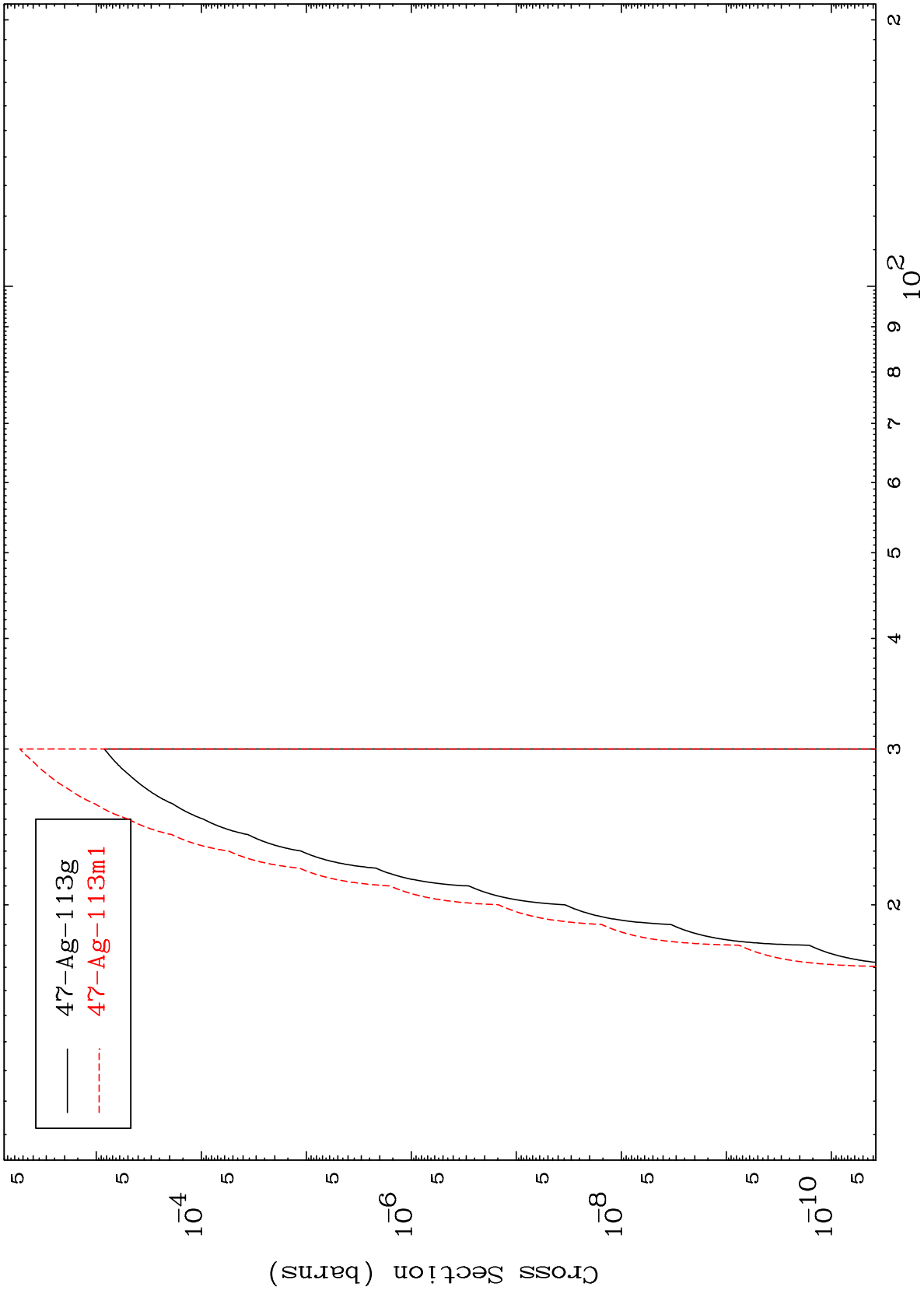
49-In-118

MAT 4941

(n,2n) α

49-In-118

Radionuclide Production Cross Section



23

Incident Energy (MeV)

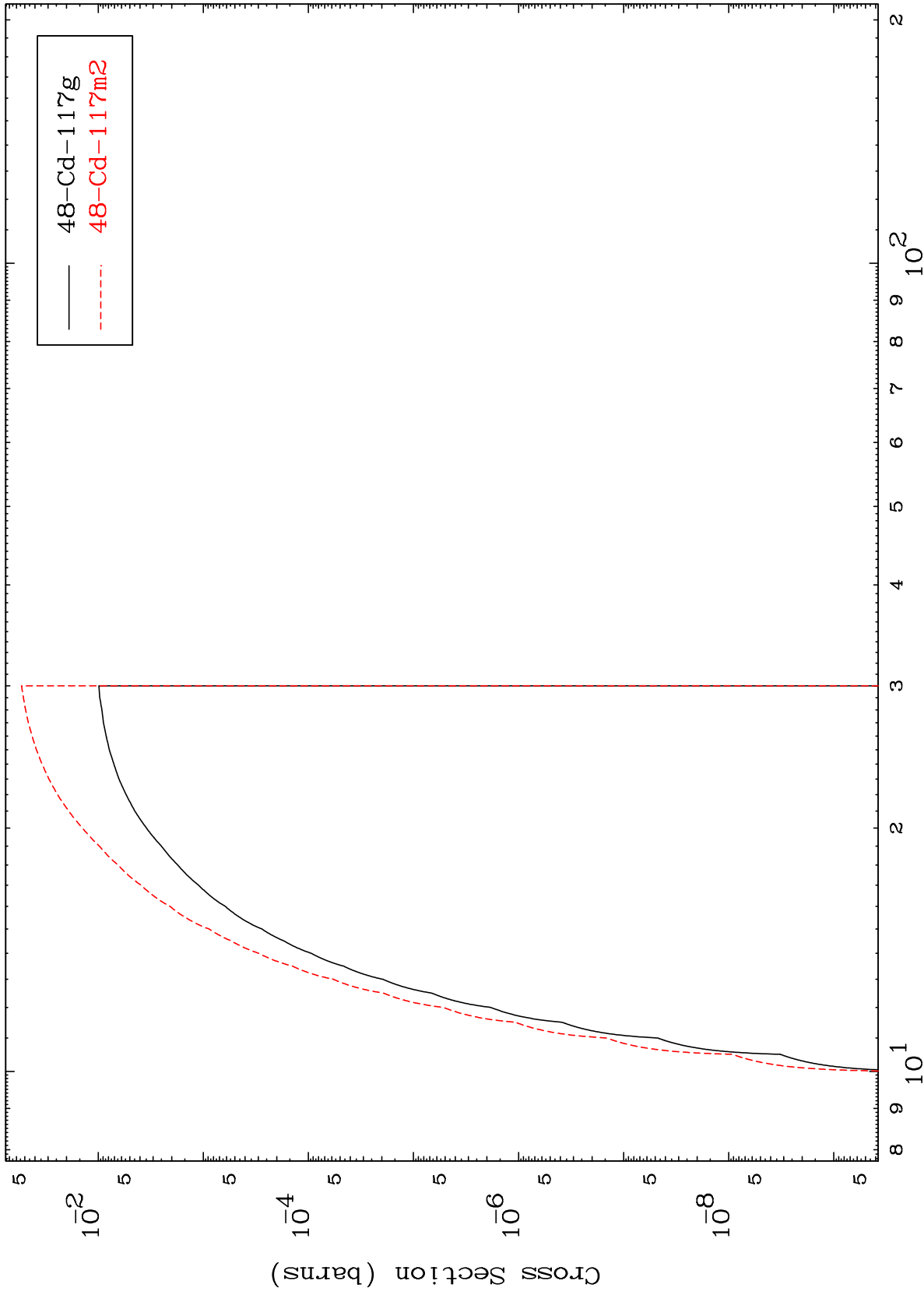
49-In-118

MAT 4941

(n,n') p

49-In-118

Radionuclide Production Cross Section



24

Incident Energy (MeV)

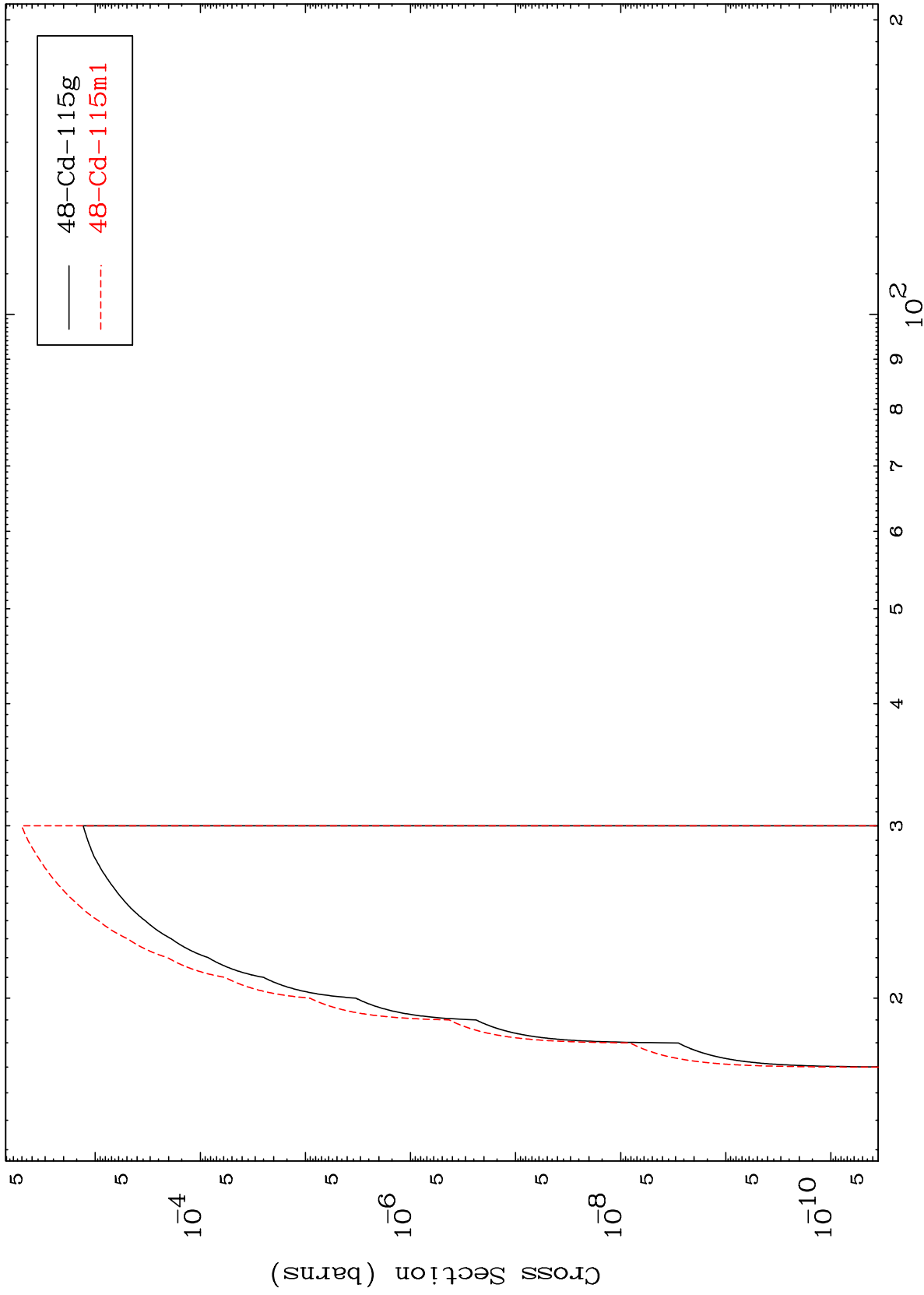
49-In-118

MAT 4941

(n,n') t

49-In-118

Radionuclide Production Cross Section



25

Incident Energy (MeV)

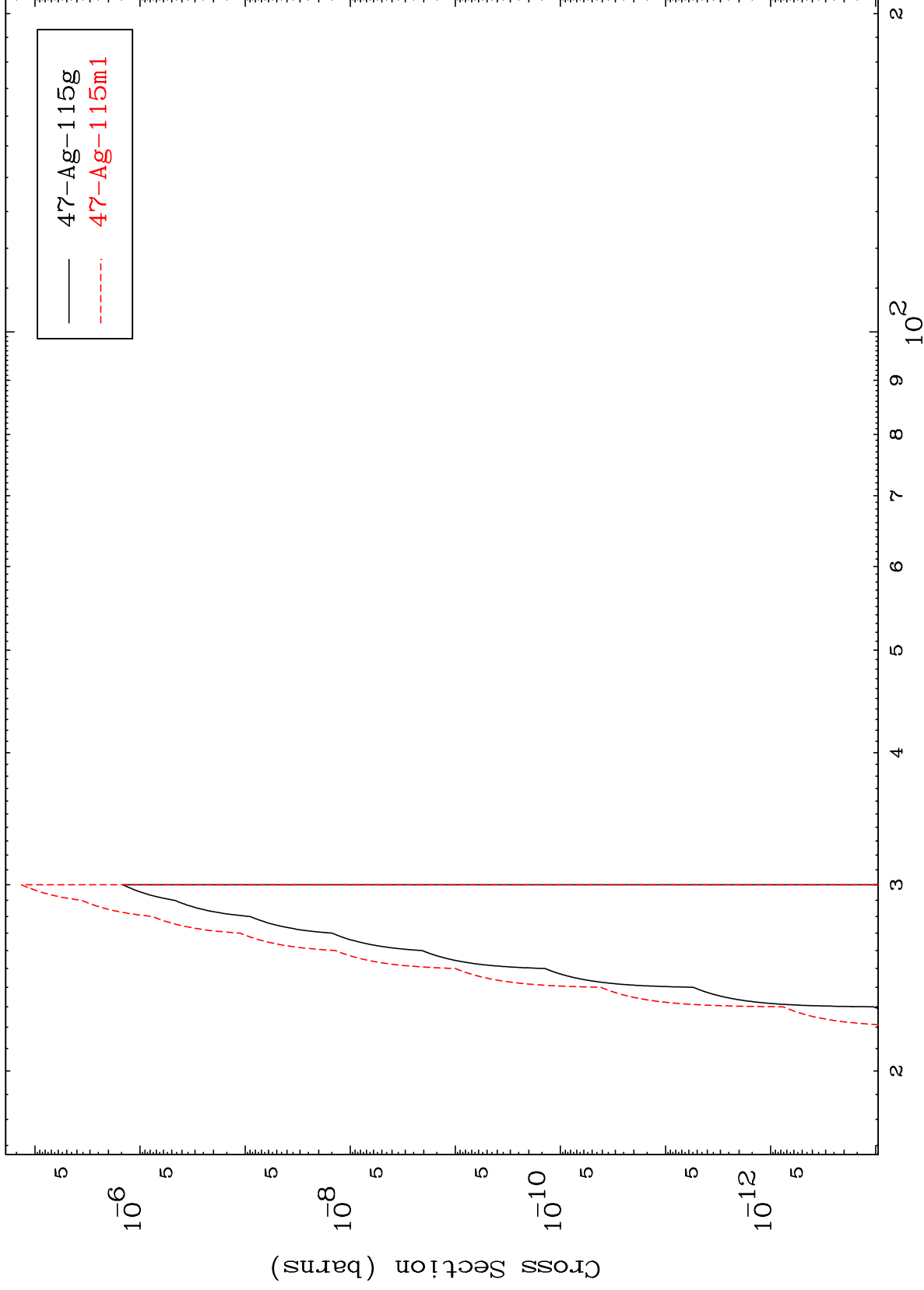
49-In-118

MAT 4941

(n, n') He-3

49-In-118

Radionuclide Production Cross Section



26

Incident Energy (MeV)

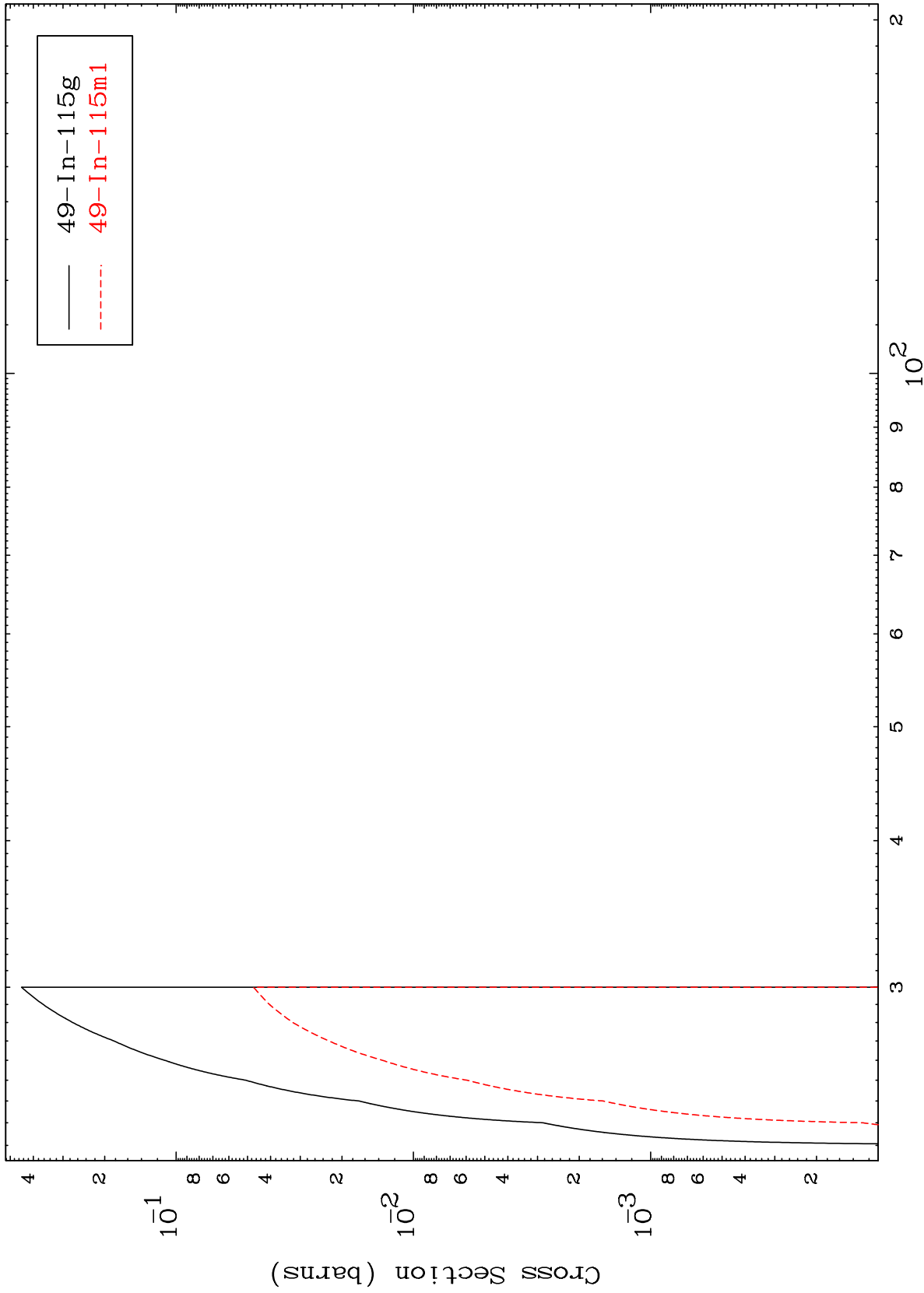
49-In-118

MAT 4941

(n,4n)

49-In-118

Radionuclide Production Cross Section



27

Incident Energy (MeV)

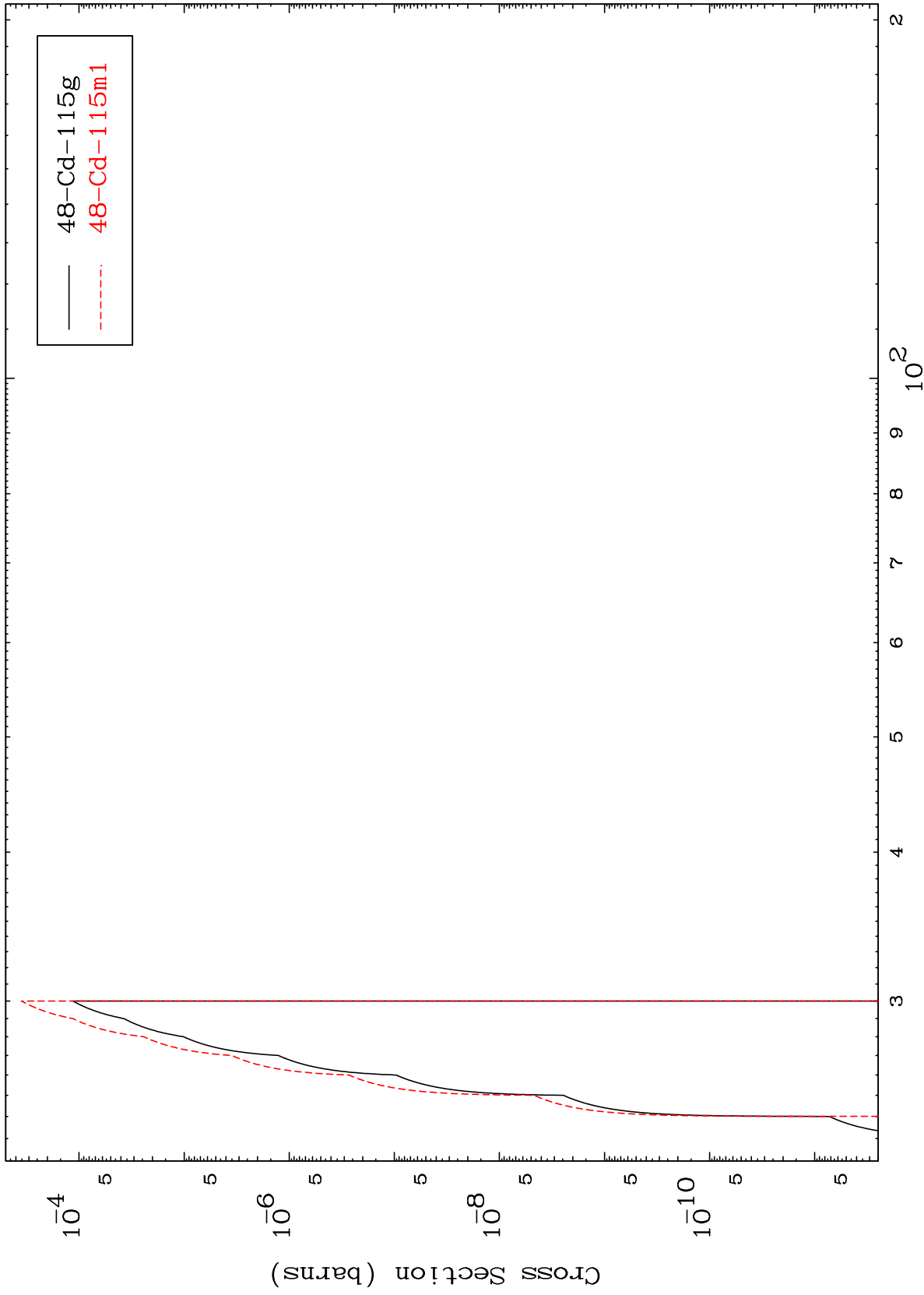
49-In-118

MAT 4941

(n,3n) p

49-In-118

Radionuclide Production Cross Section



28

Incident Energy (MeV)

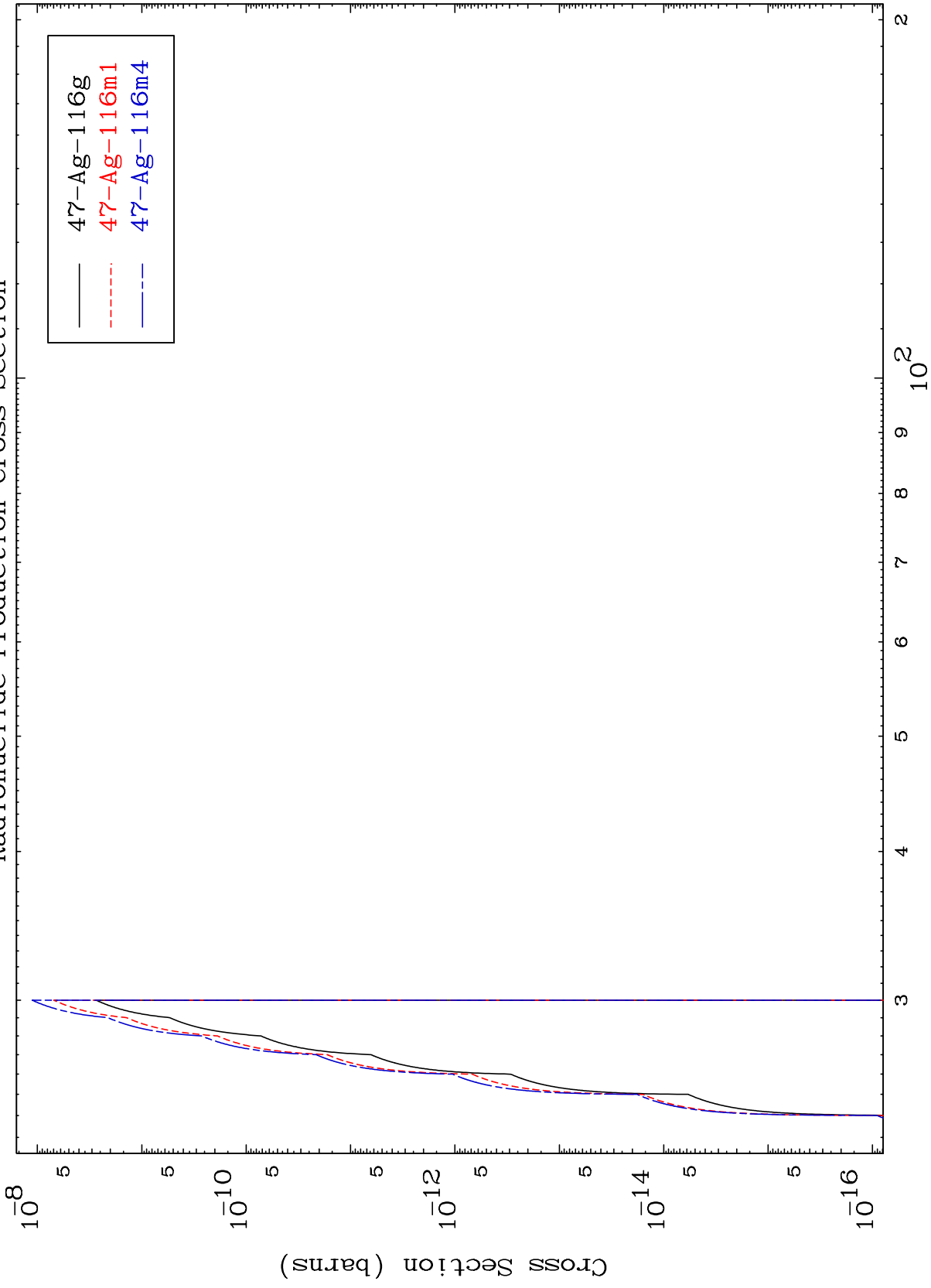
49-In-118

MAT 4941

(n,2n) p

49-In-118

Radionuclide Production Cross Section

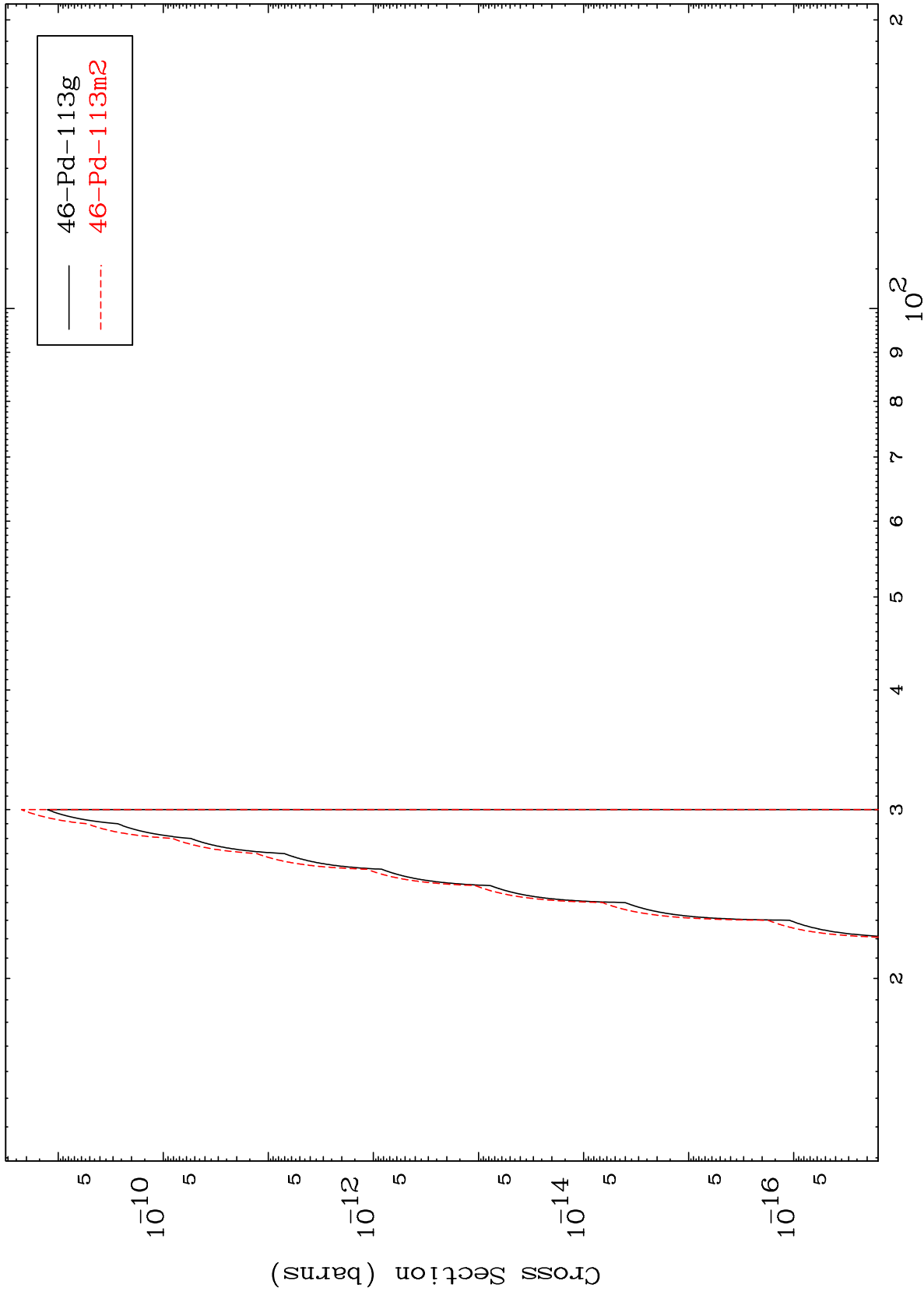


29

Incident Energy (MeV)

49-In-118

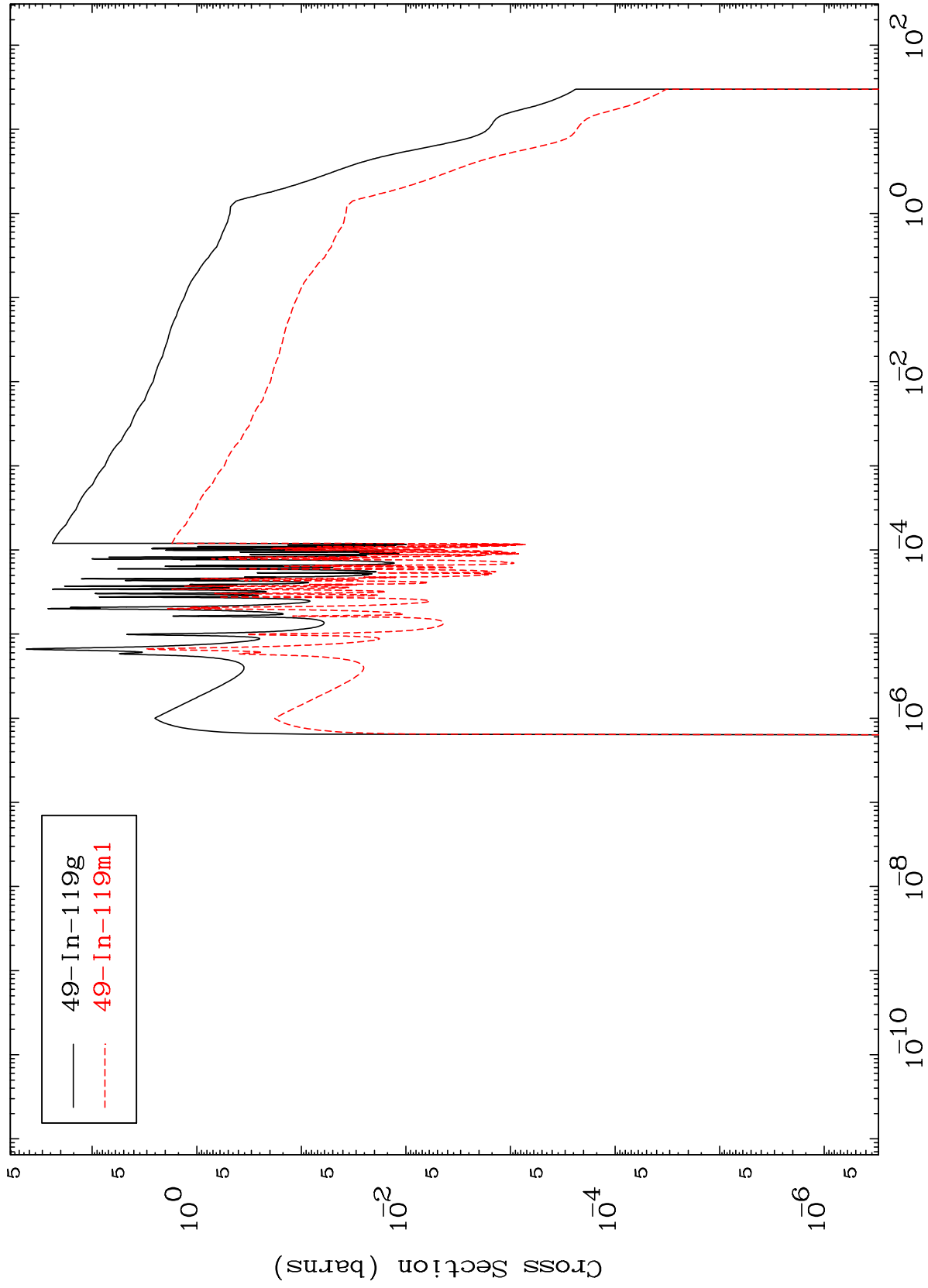
(n,n') p α
Radionuclide Production Cross Section



MAT 4941

49-In-118

Radionuclide Production Cross Section



31

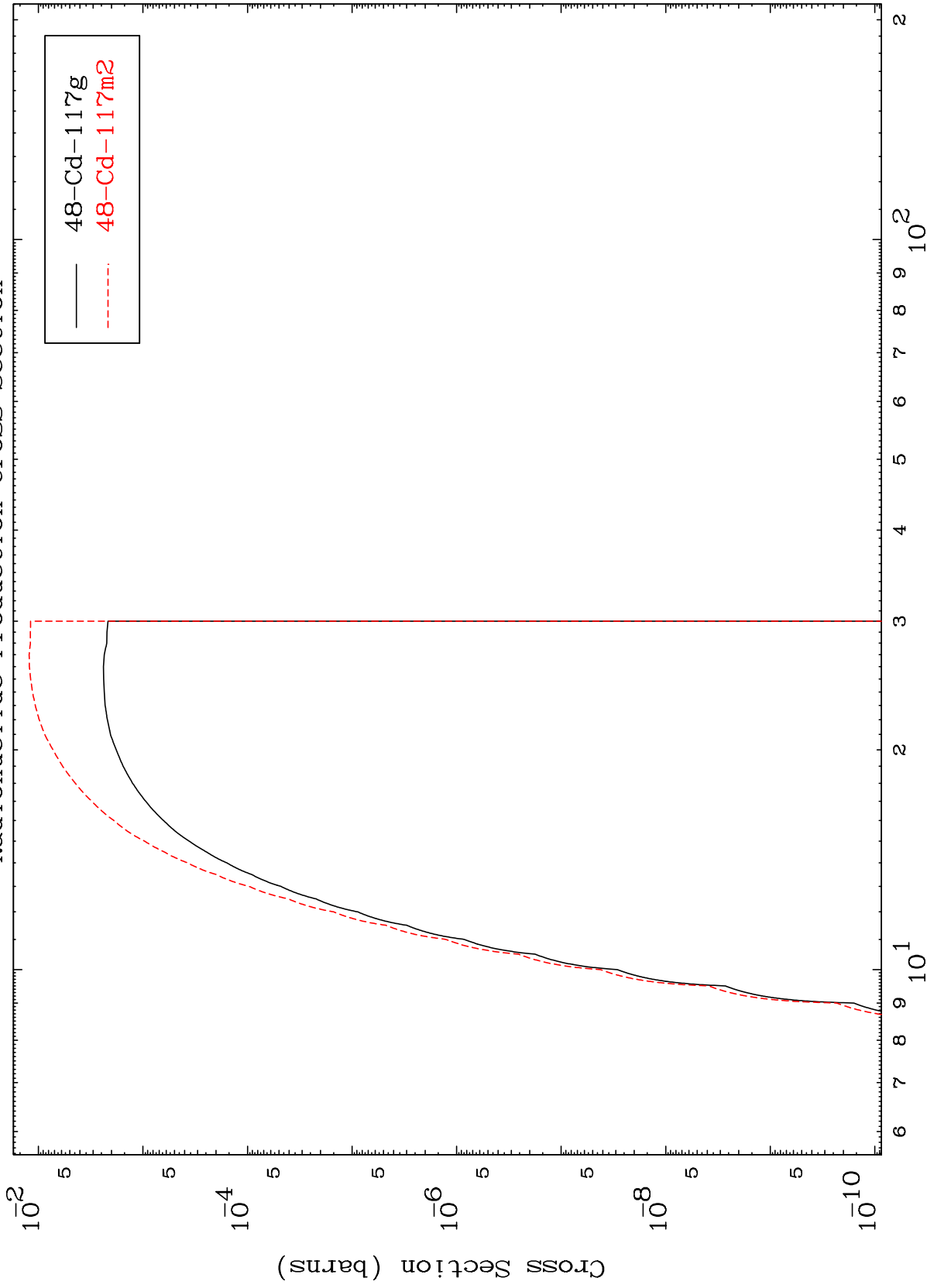
49-In-118

MAT 4941

(n,d)

49-In-118

Radionuclide Production Cross Section



32

Incident Energy (MeV)

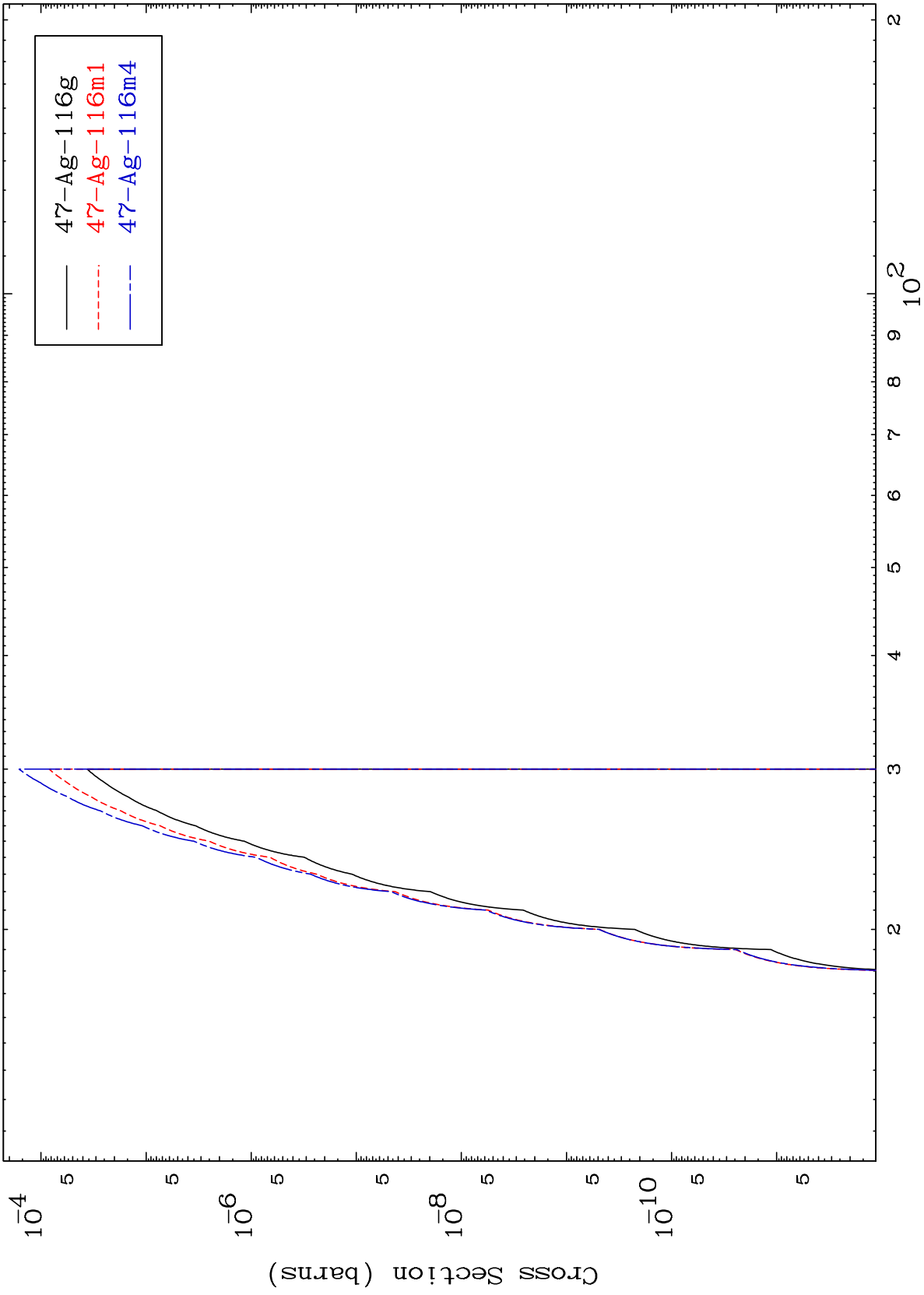
49-In-118

MAT 4941

(n,He-3)

49-In-118

Radionuclide Production Cross Section



33

Incident Energy (MeV)

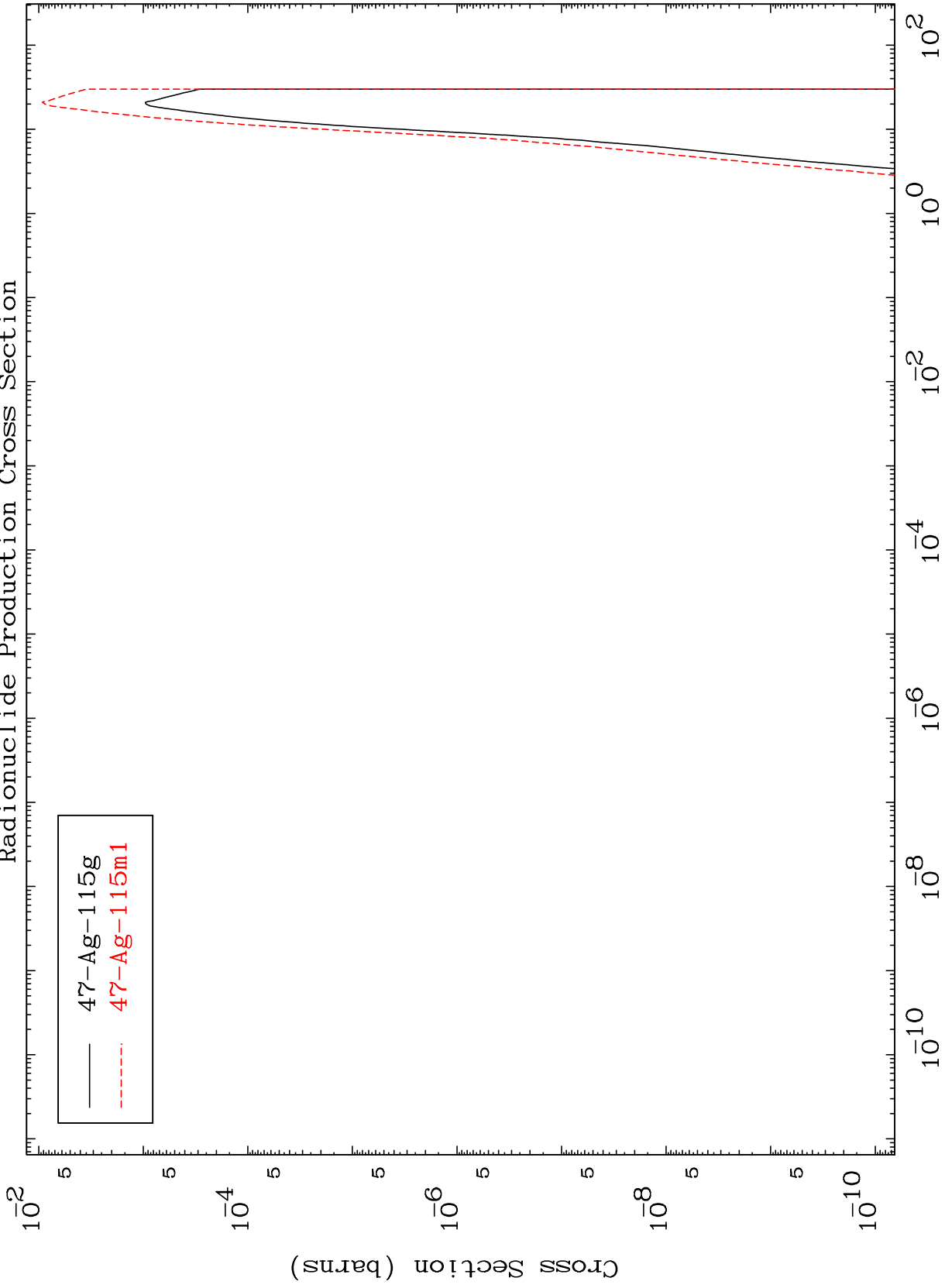
49-In-118

MAT 4941

(n, α)

49-In-118

Radionuclide Production Cross Section



34

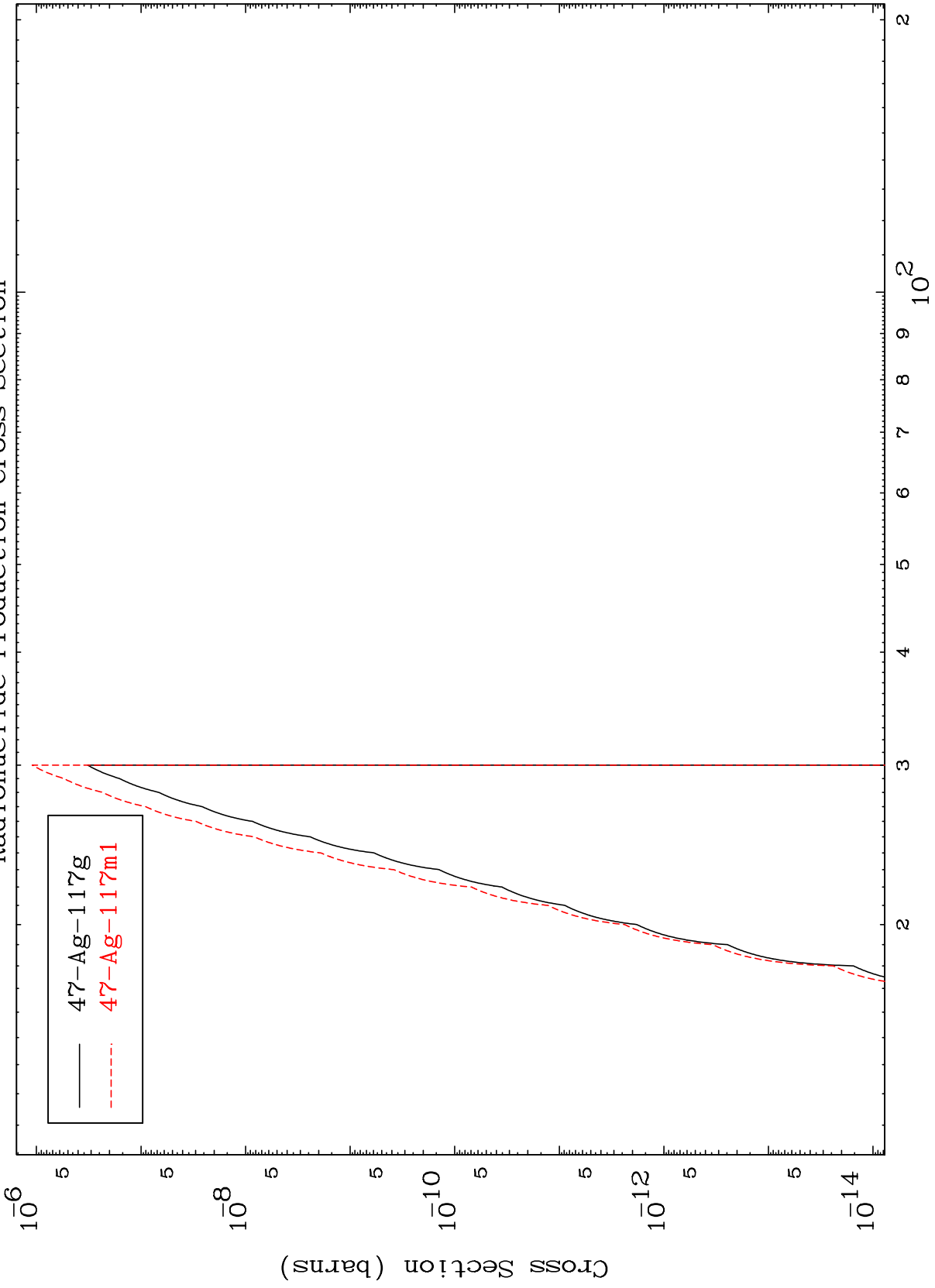
Incident Energy (MeV)

49-In-118

MAT 4941

49-In-118

(n,2p)
Radionuclide Production Cross Section



35

49-In-118

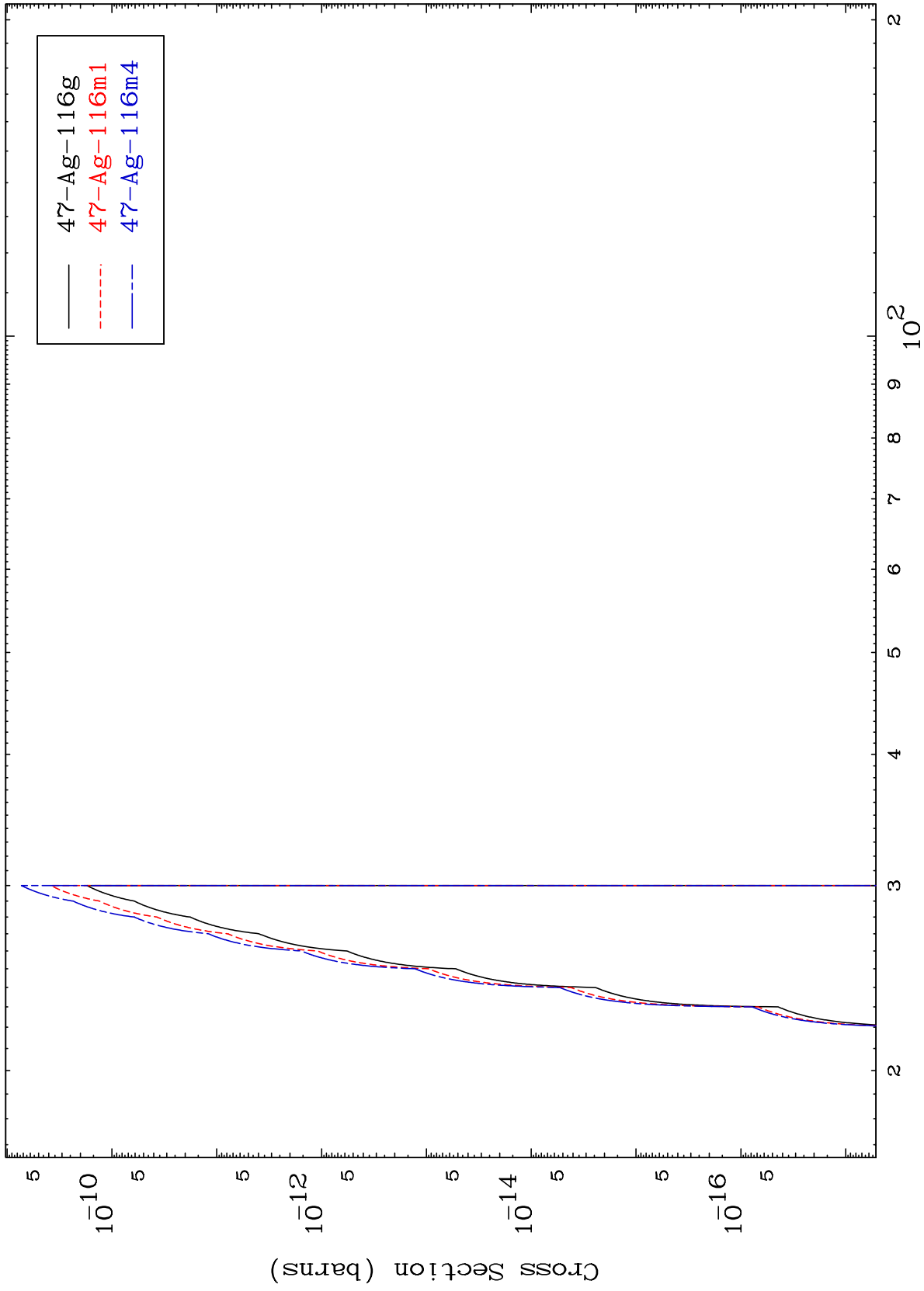
Incident Energy (MeV)

MAT 4941

(n,p) d

49-In-118

Radionuclide Production Cross Section



36

Incident Energy (MeV)

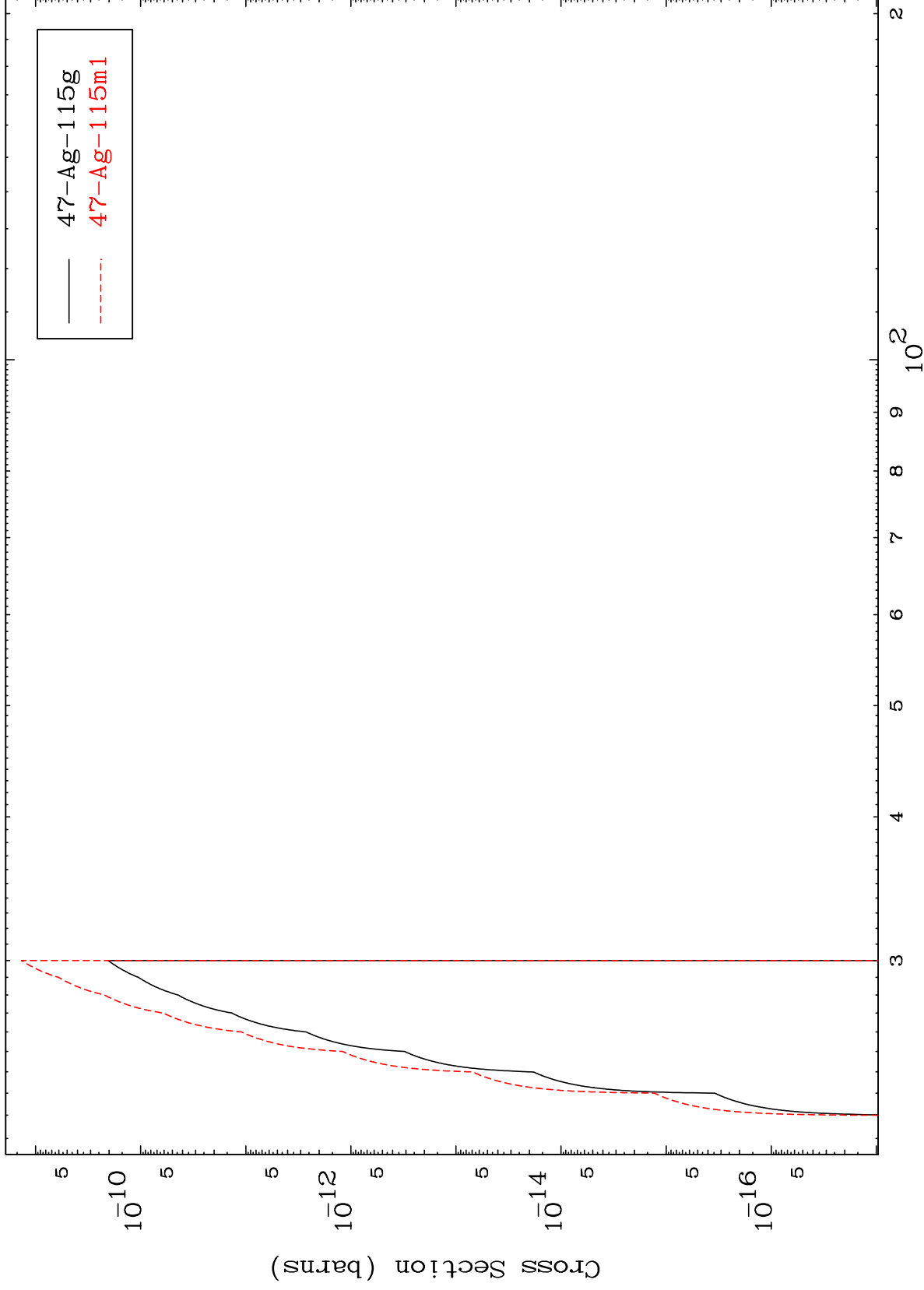
49-In-118

MAT 4941

(n,p) t

49-In-118

Radionuclide Production Cross Section



37

Incident Energy (MeV)

49-In-118