

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

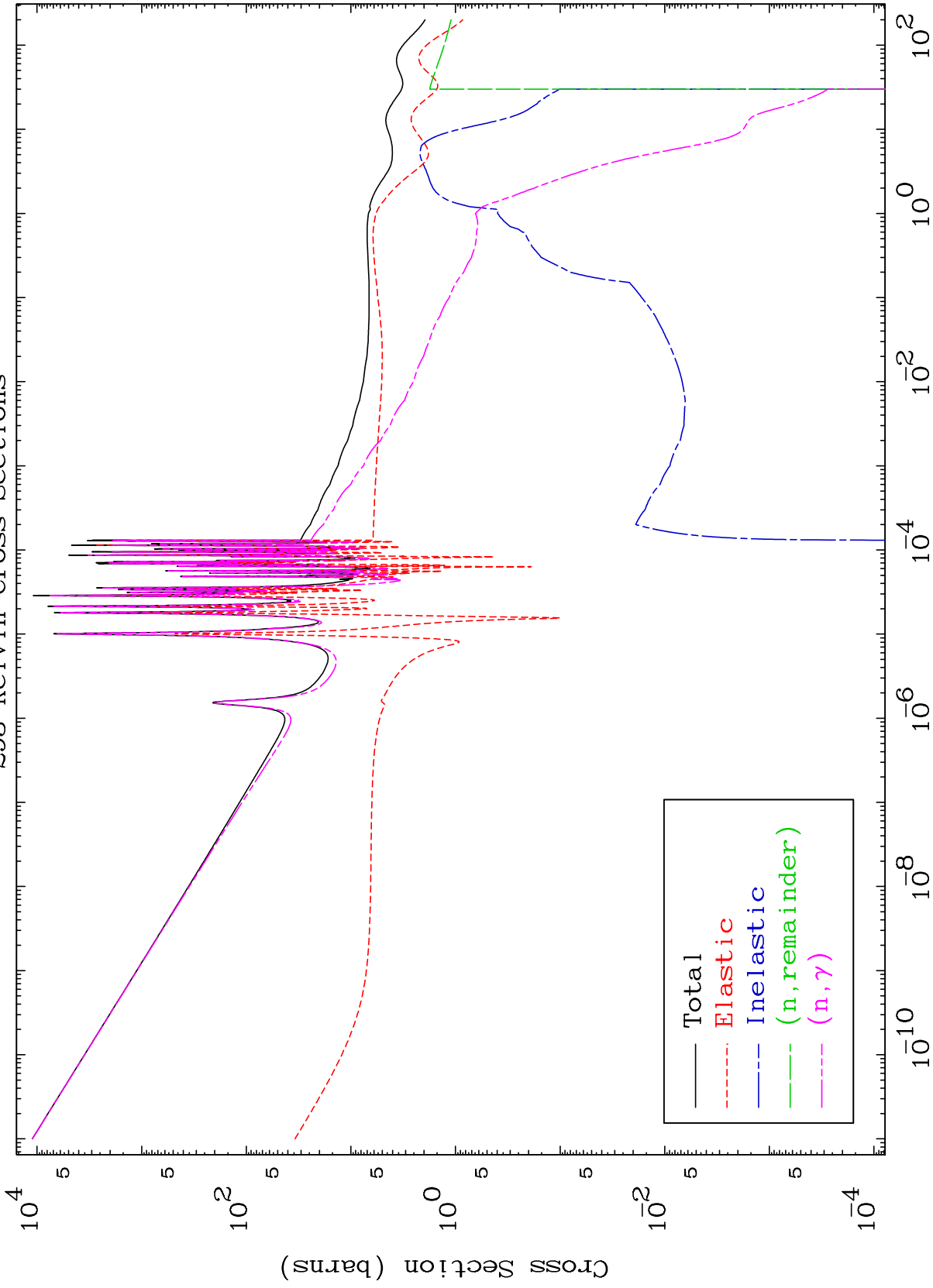
Press Mouse Button to Start

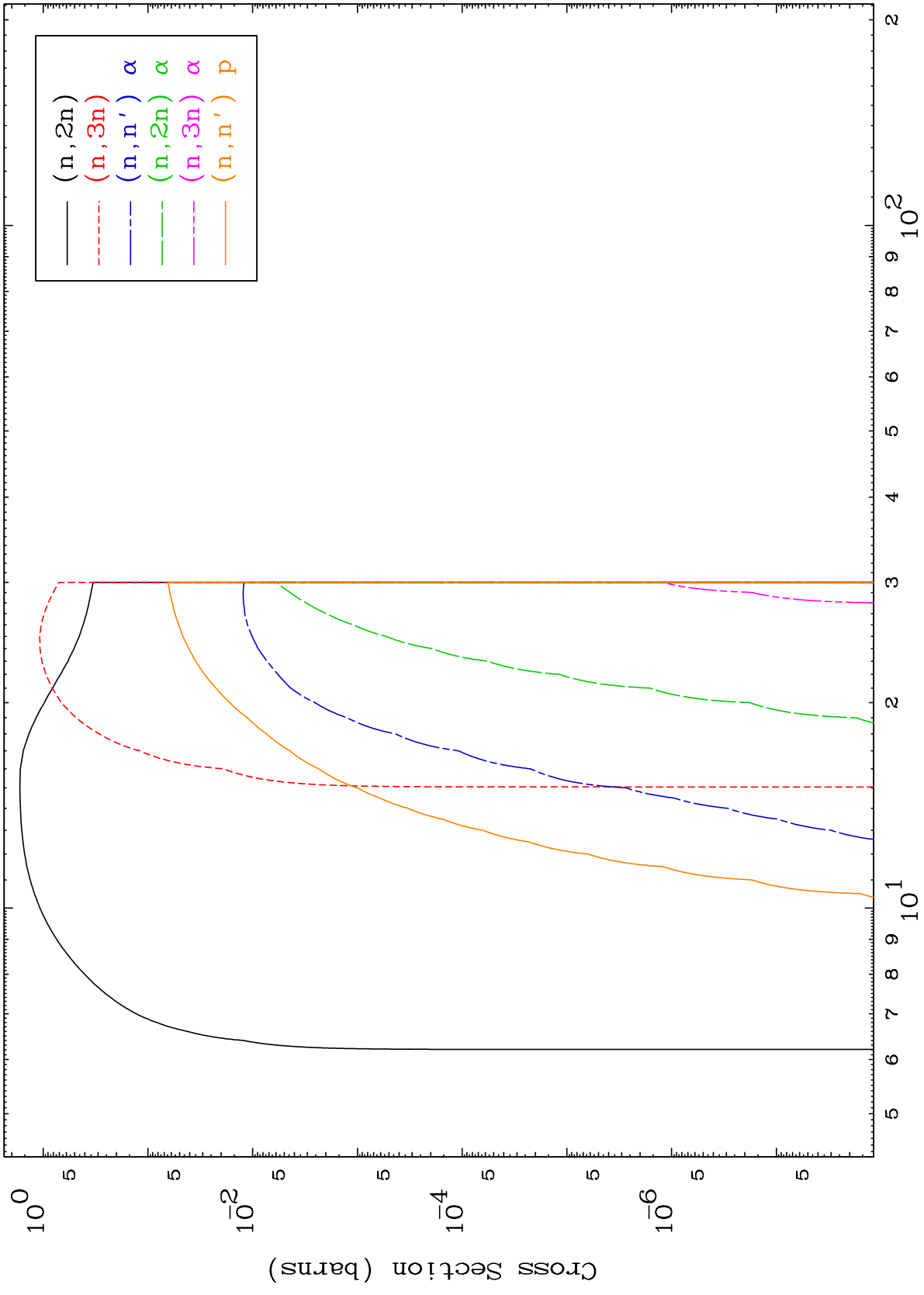
MAT 4942

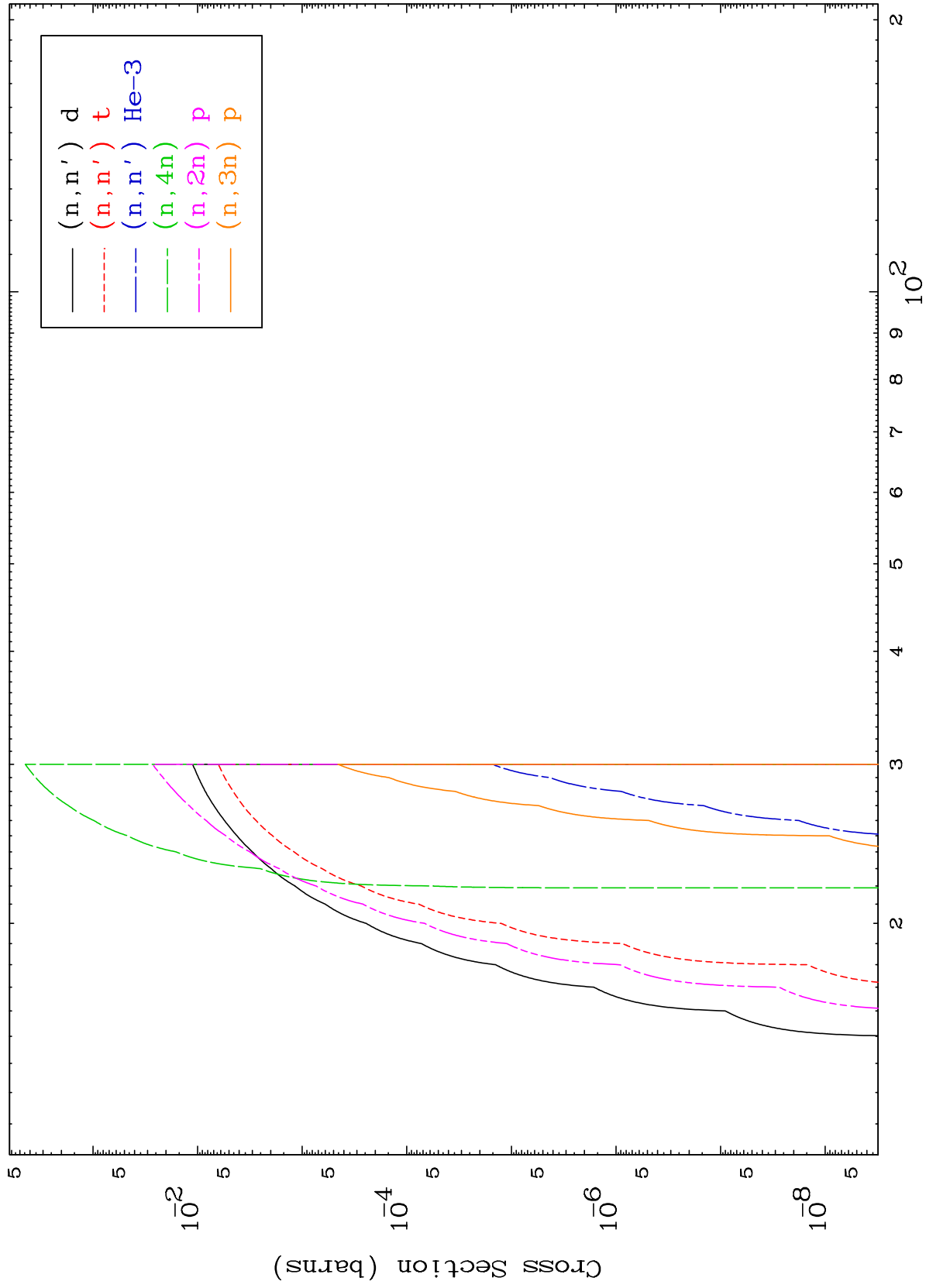
Major

293 Kelvin Cross Sections

49-In-118



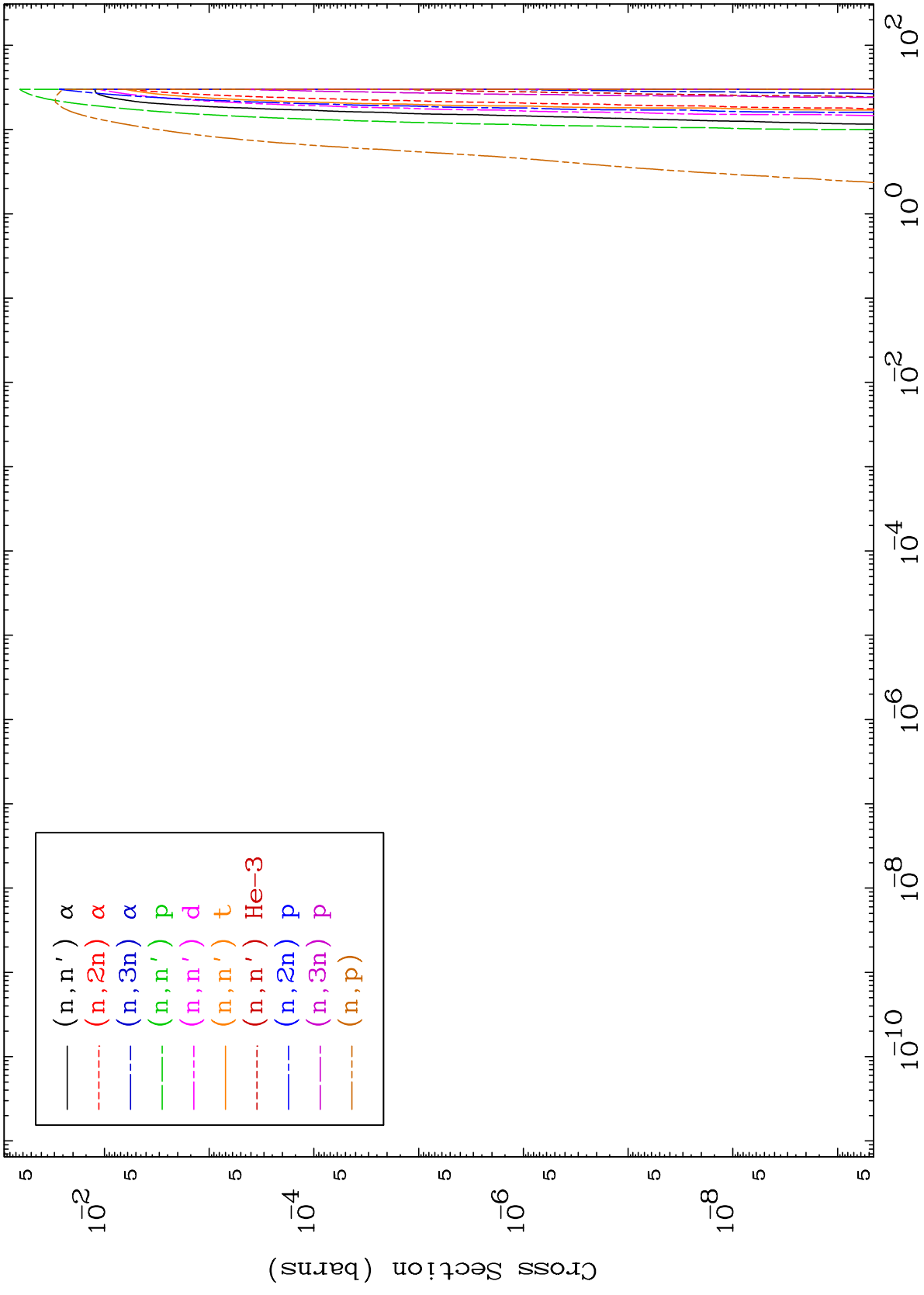




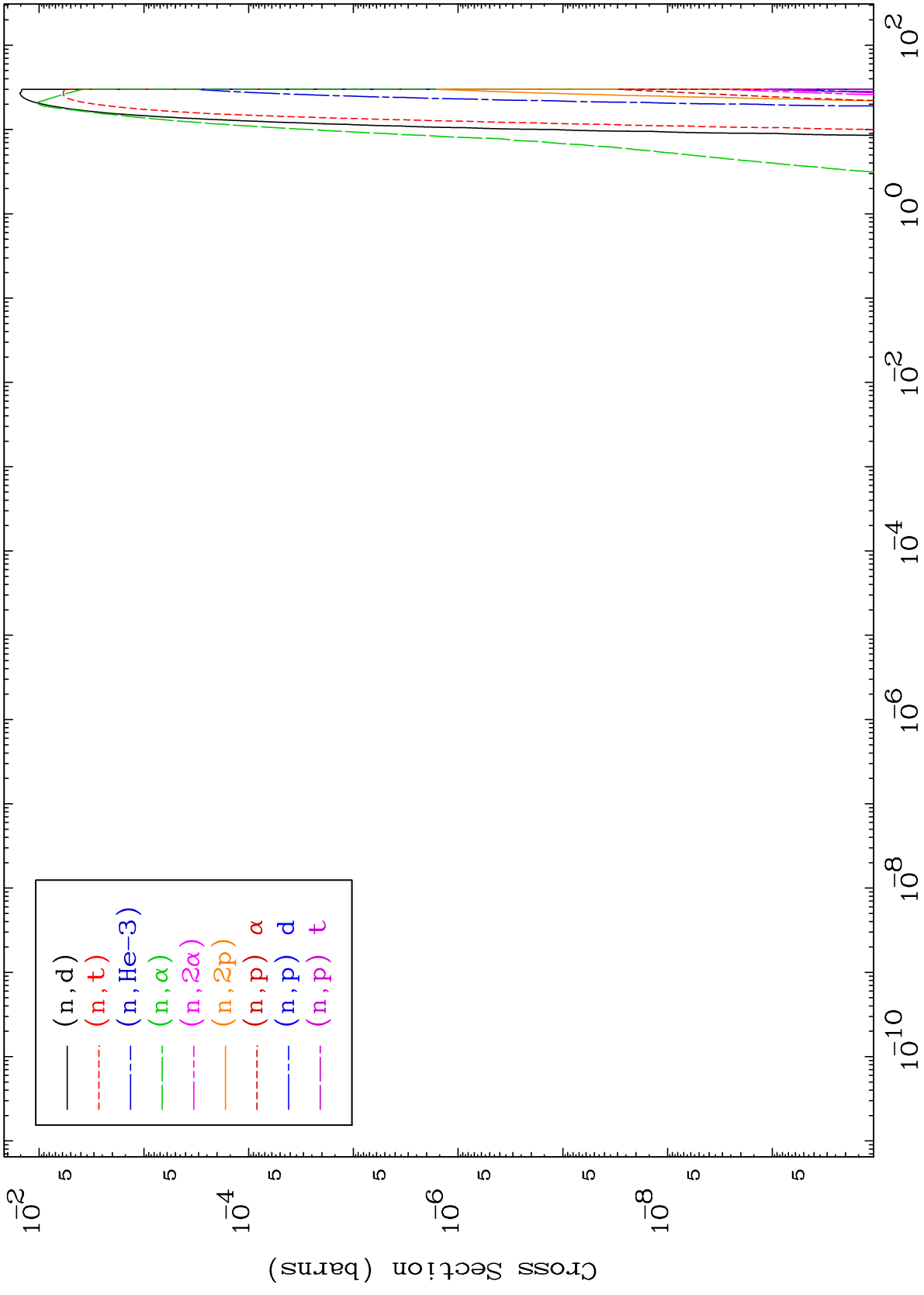
MAT 4942

Charged Particle  
293 Kelvin Cross Sections

49-In-118



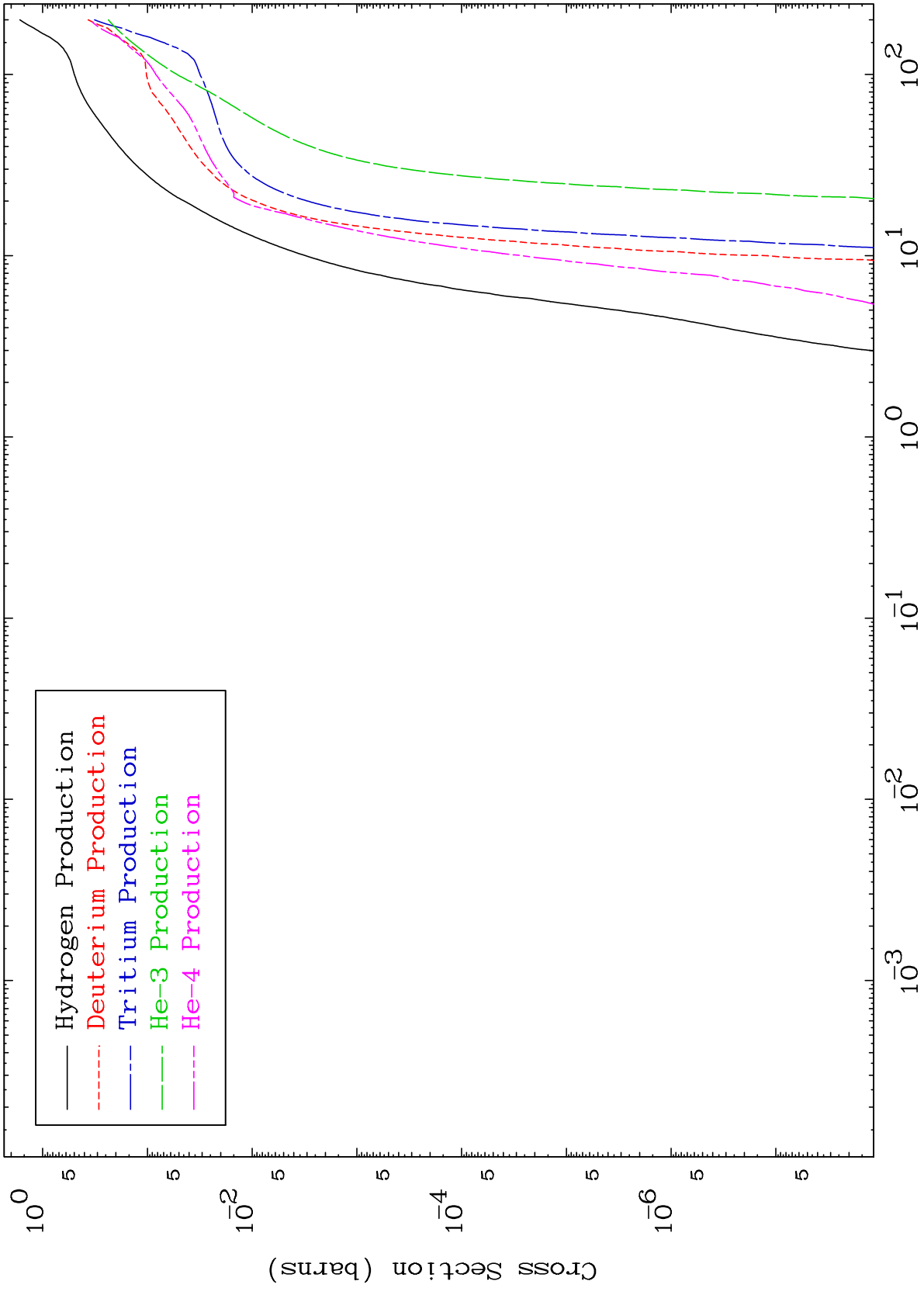
49-In-118



MAT 4942

Particle Production  
293 Kelvin Cross Sections

49-In-118



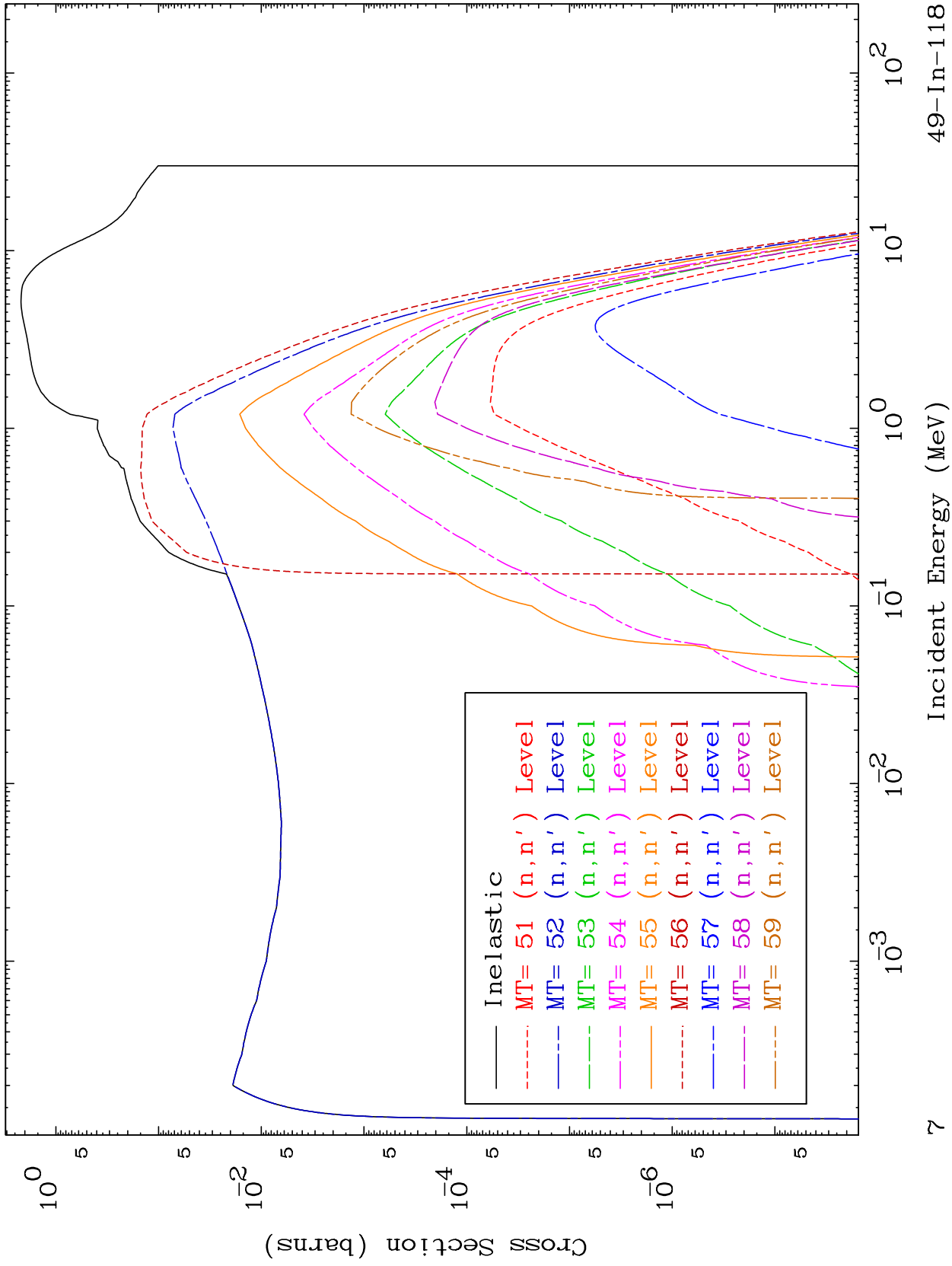
6

49-In-118

MAT 4942

293 Kelvin Cross Sections

49-In-118



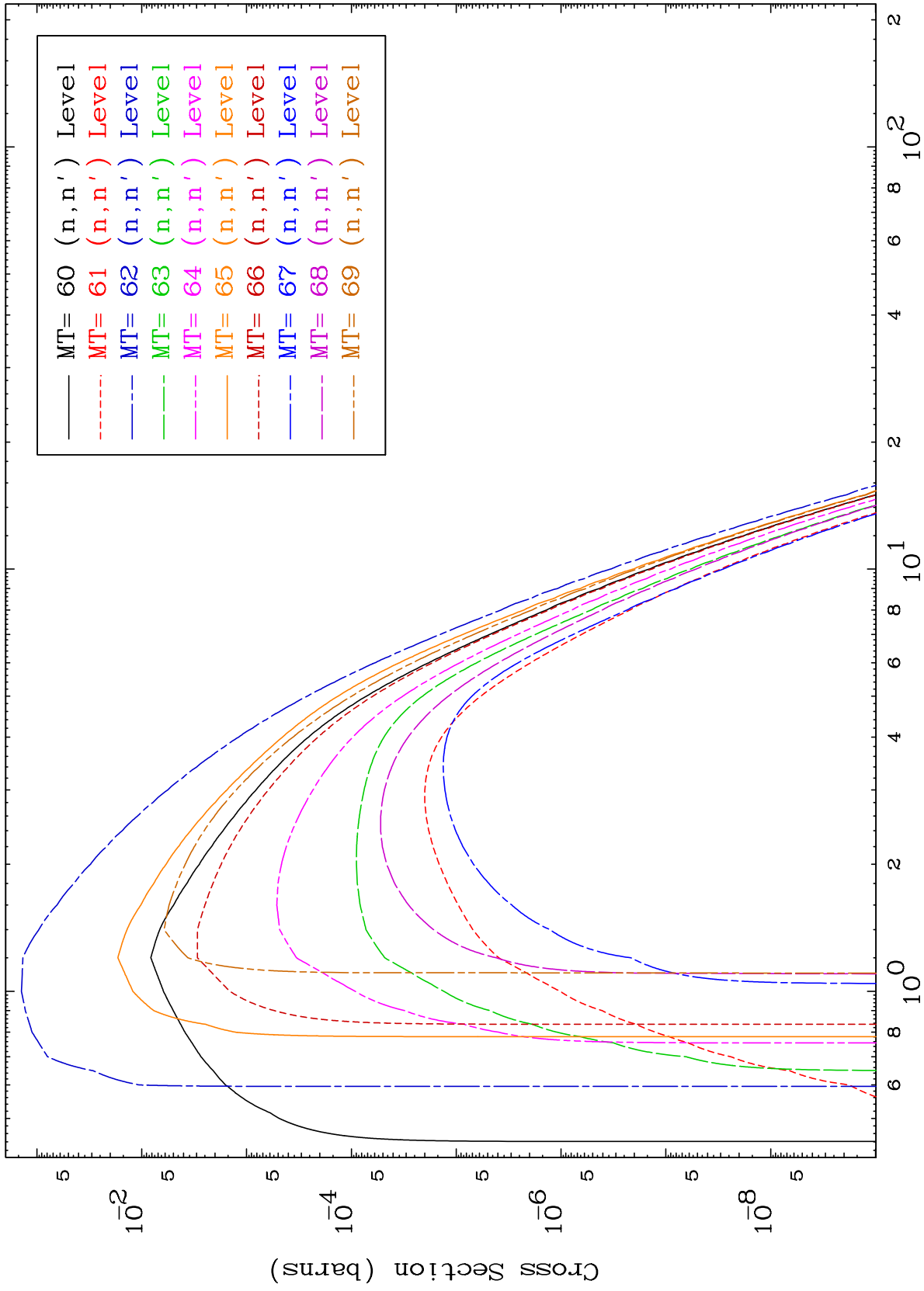


MAT 4942

(n,n') Level

49-In-118

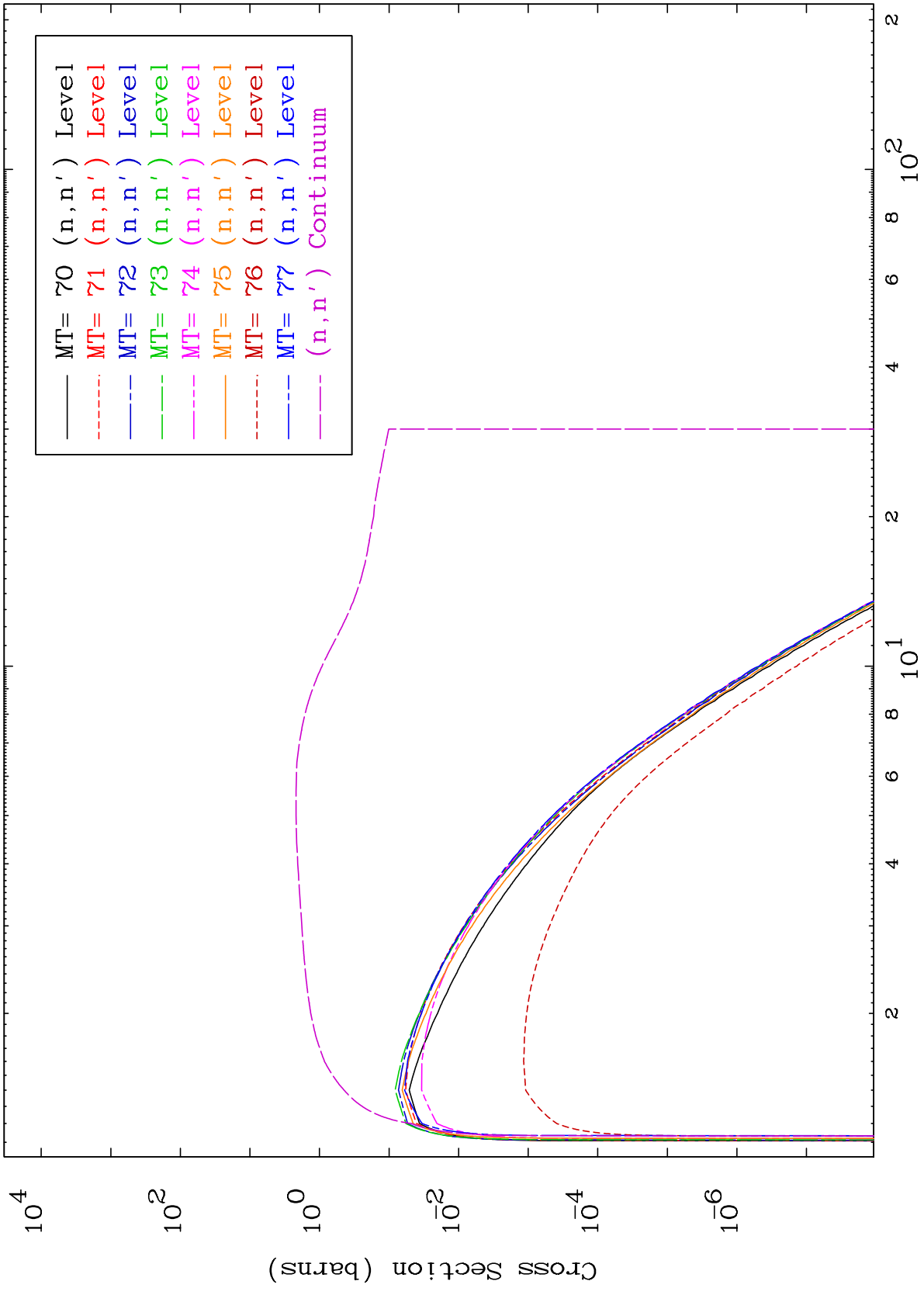
293 Kelvin Cross Sections



8

Incident Energy (MeV)

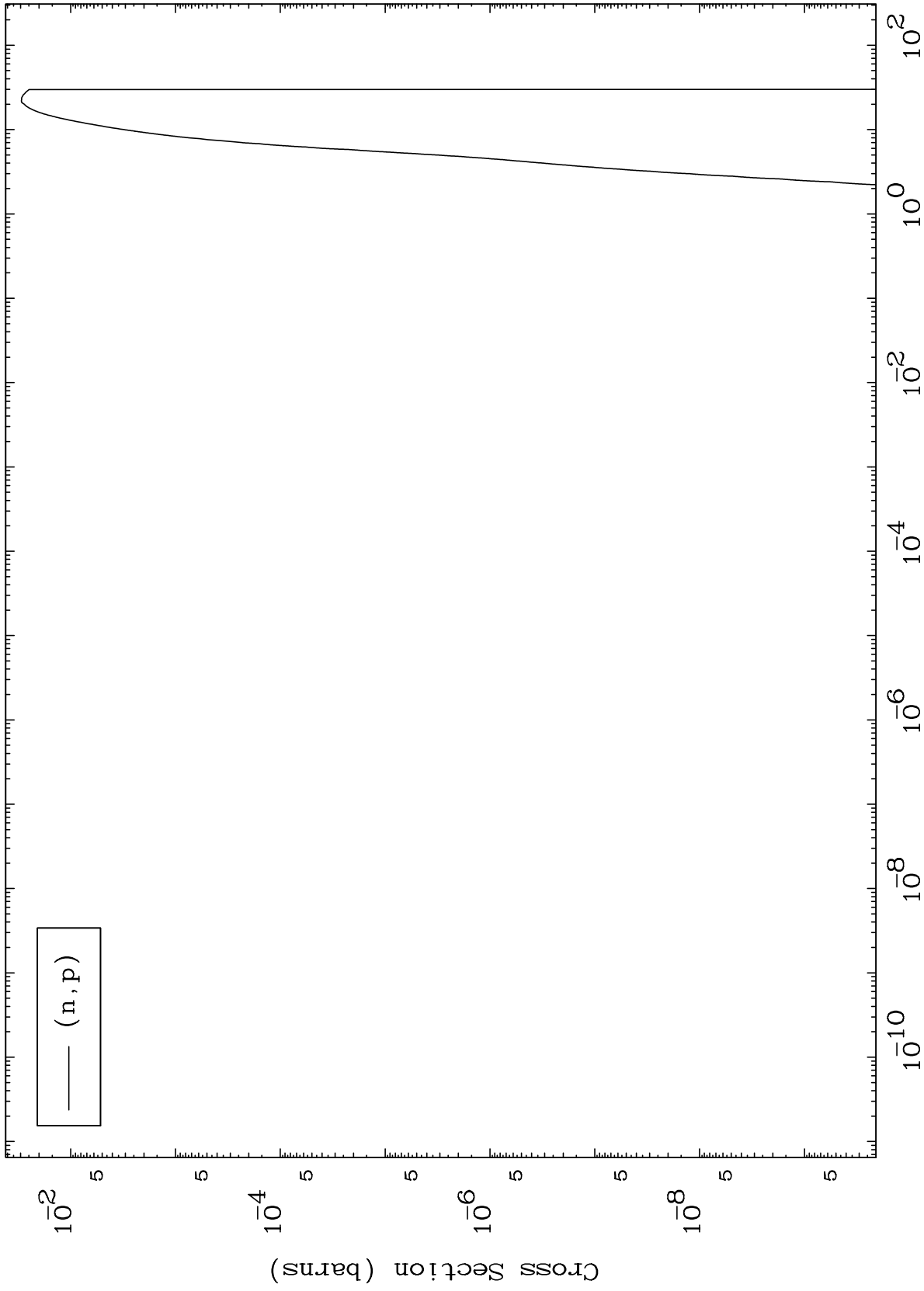
49-In-118



MAT 4942

(n,p) Levels  
293 Kelvin Cross Sections

49-In-118



10

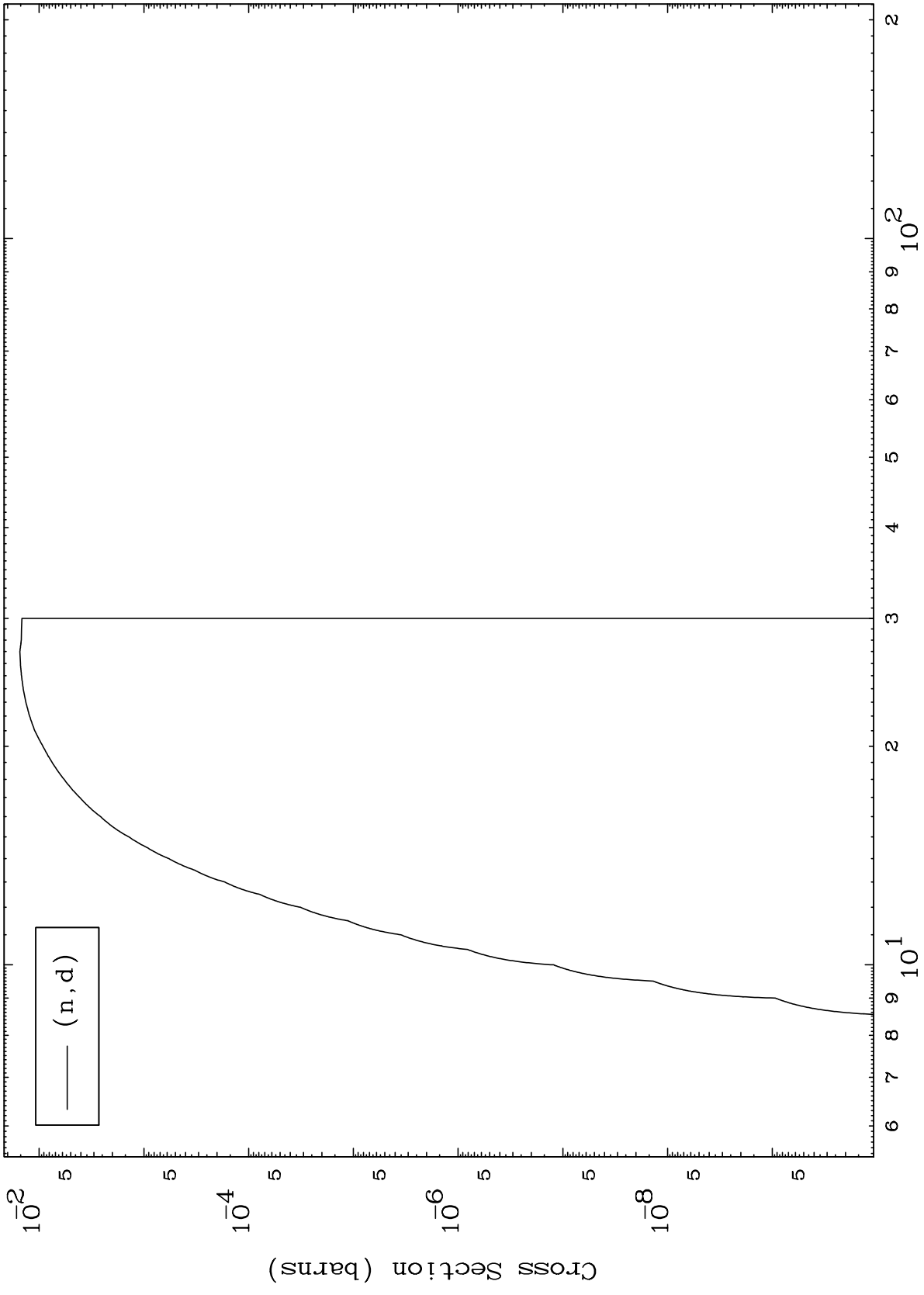
Incident Energy (MeV)

49-In-118

MAT 4942

(n,d) Levels  
293 Kelvin Cross Sections

49-In-118



11

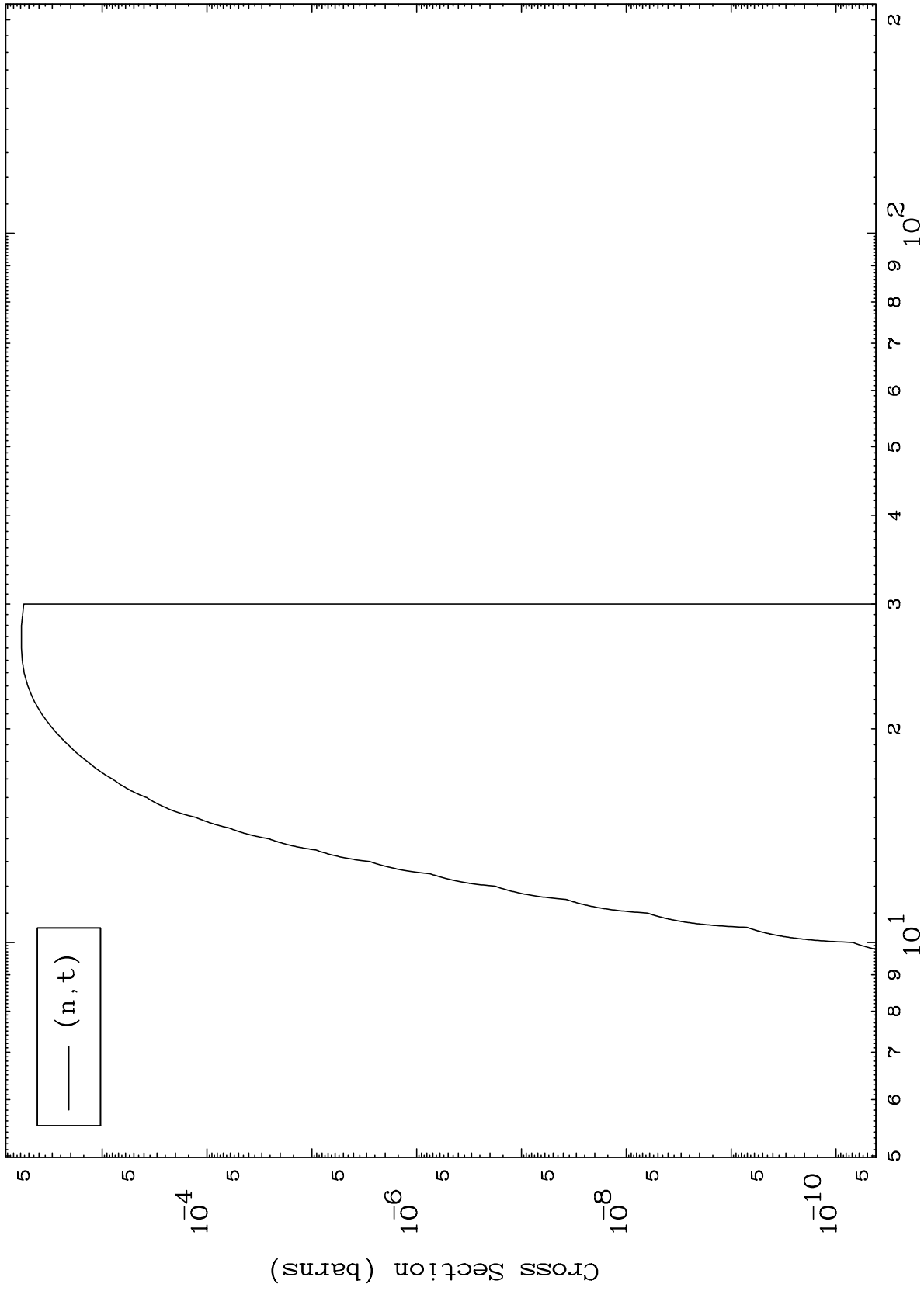
Incident Energy (MeV)

49-In-118

MAT 4942

(n,t) Levels  
293 Kelvin Cross Sections

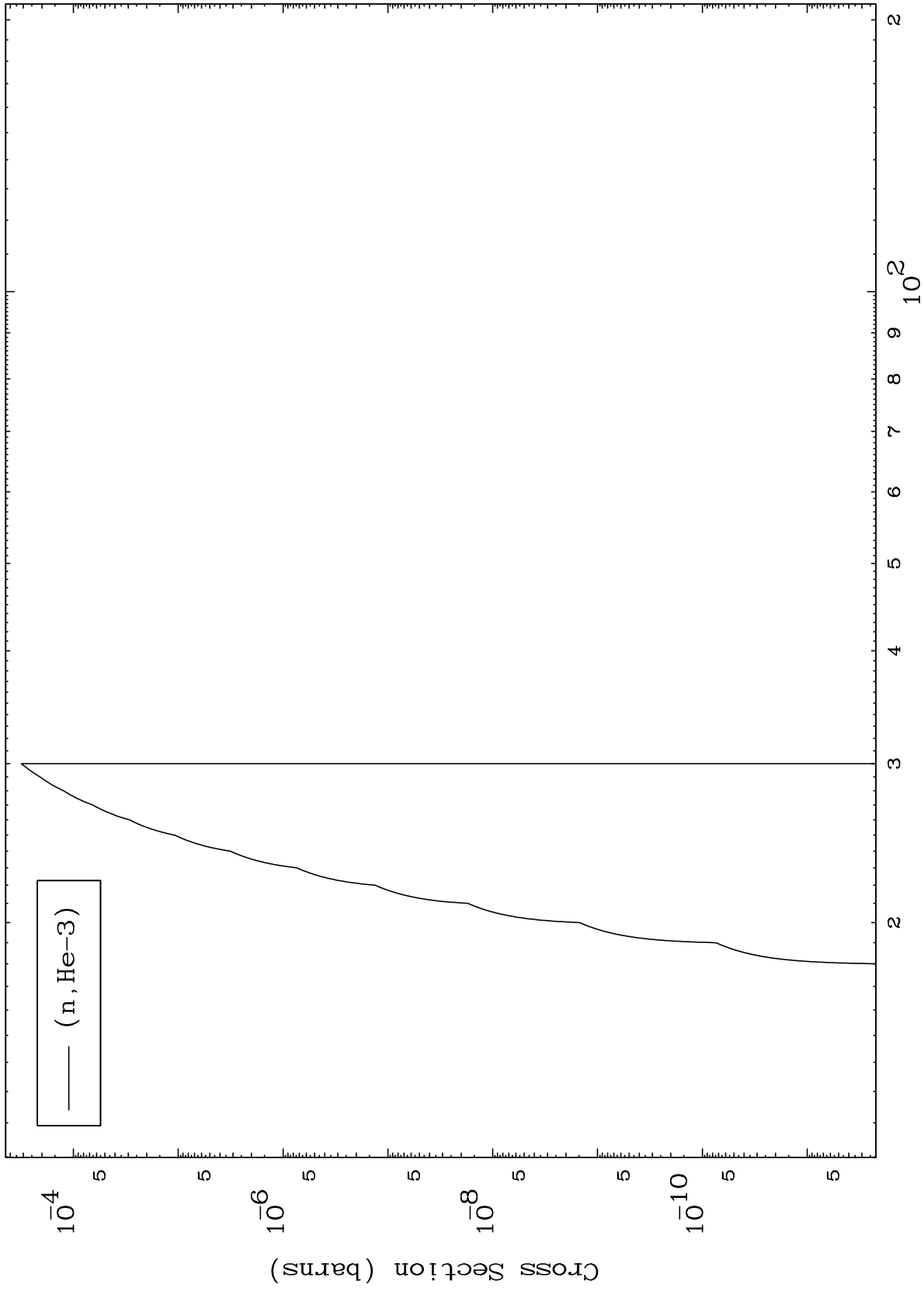
49-In-118



12

Incident Energy (MeV)

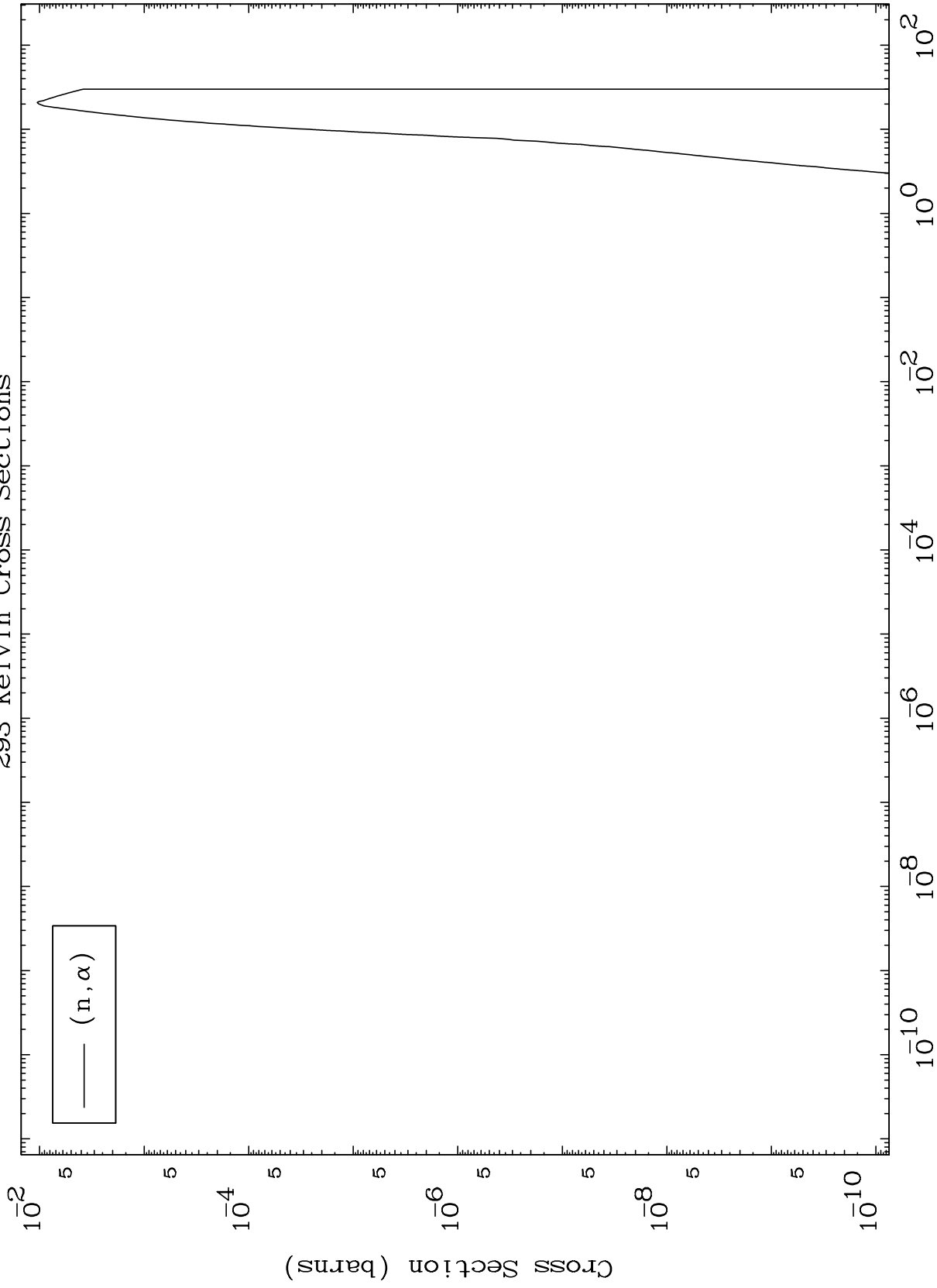
49-In-118

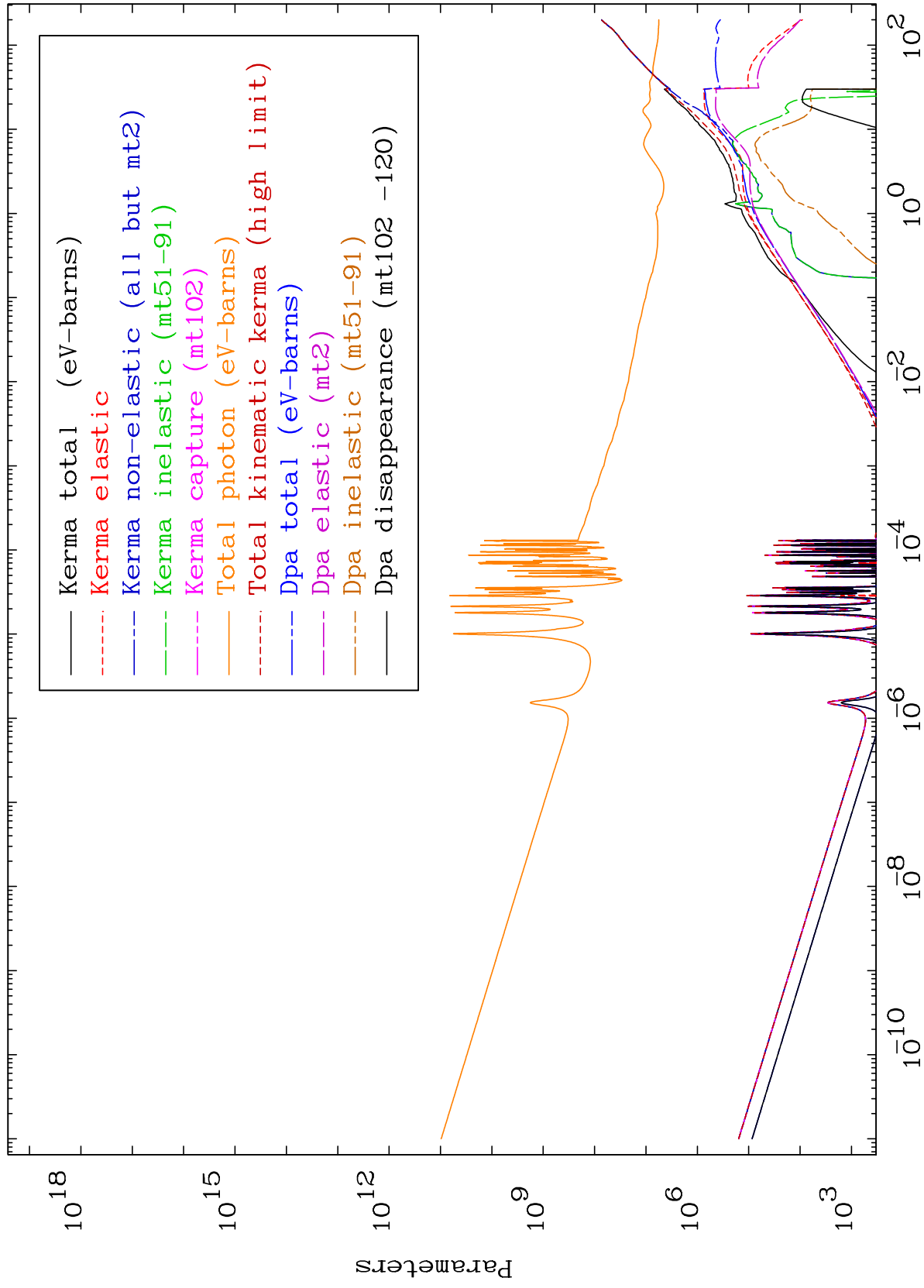


MAT 4942

(n,α) Levels  
293 Kelvin Cross Sections

49-In-118







MAT 4942

Elastic Legendre Coefficients

49-In-118



49-In-118

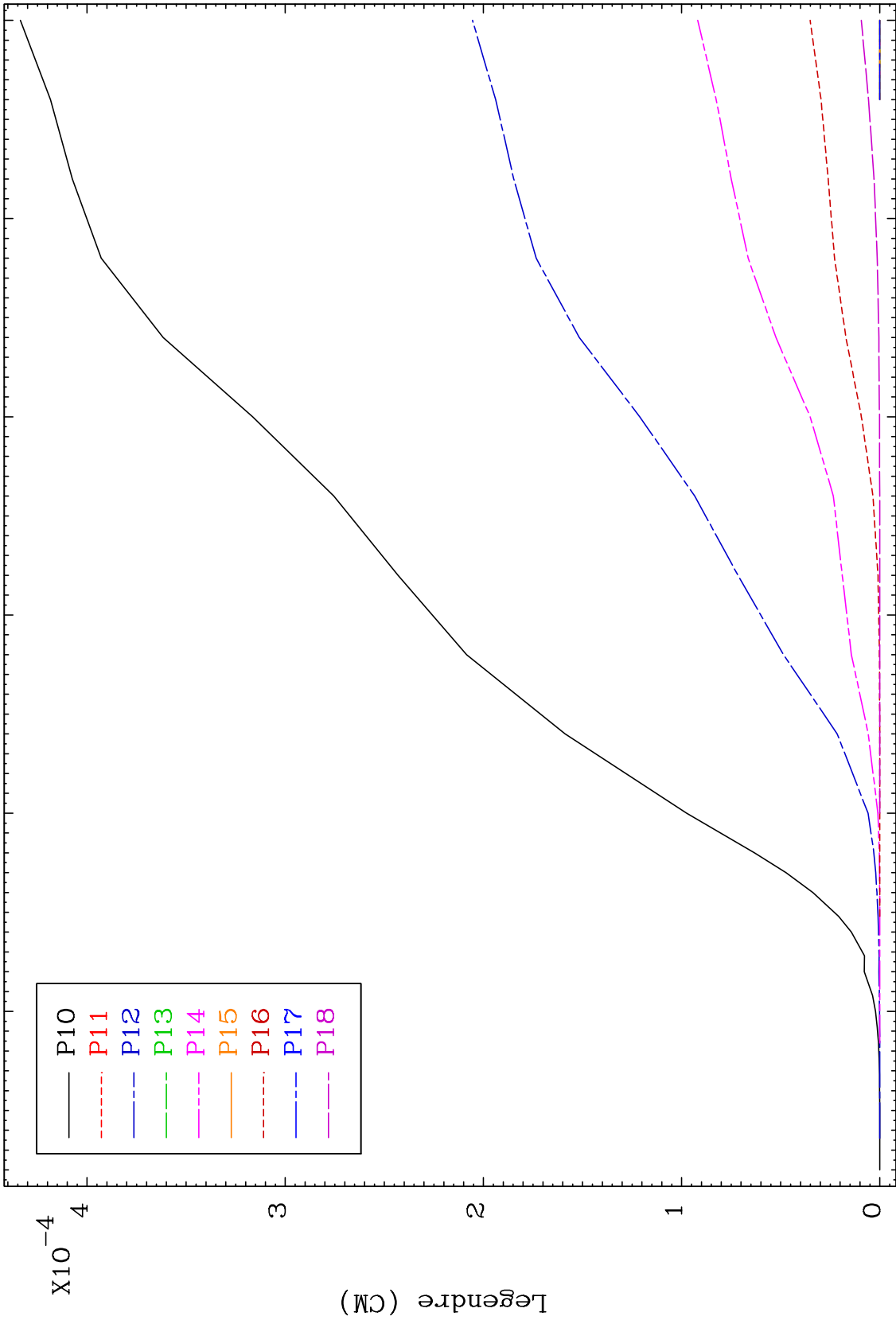
Incident Energy (MeV)

16

MAT 4942

Elastic Legendre Coefficients

49-In-118



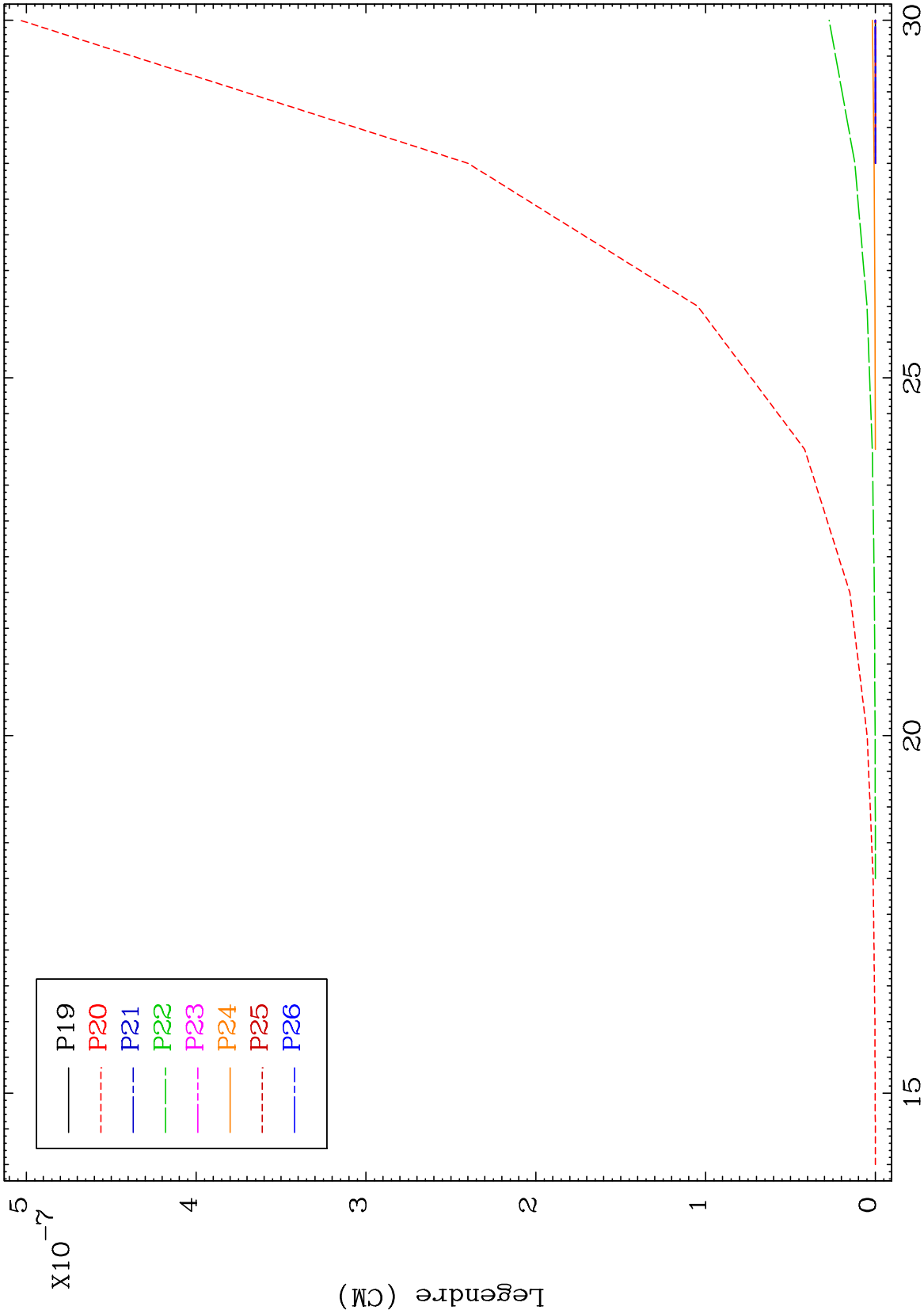
17

49-In-118

MAT 4942

Elastic Legendre Coefficients

49-In-118



18

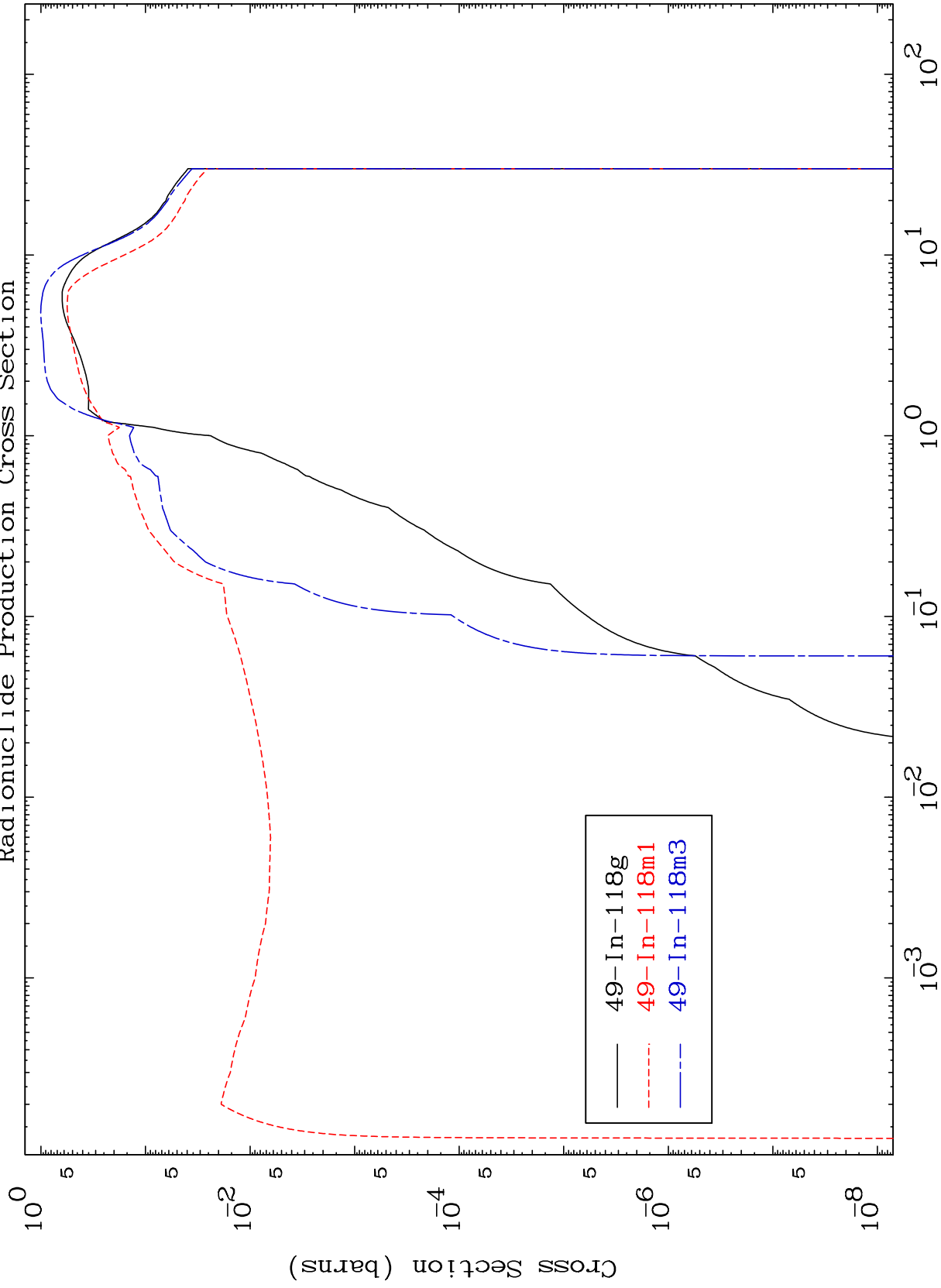
Incident Energy (MeV)

49-In-118

MAT 4942

49-In-118

Inelastic  
Radionuclide Production Cross Section



19

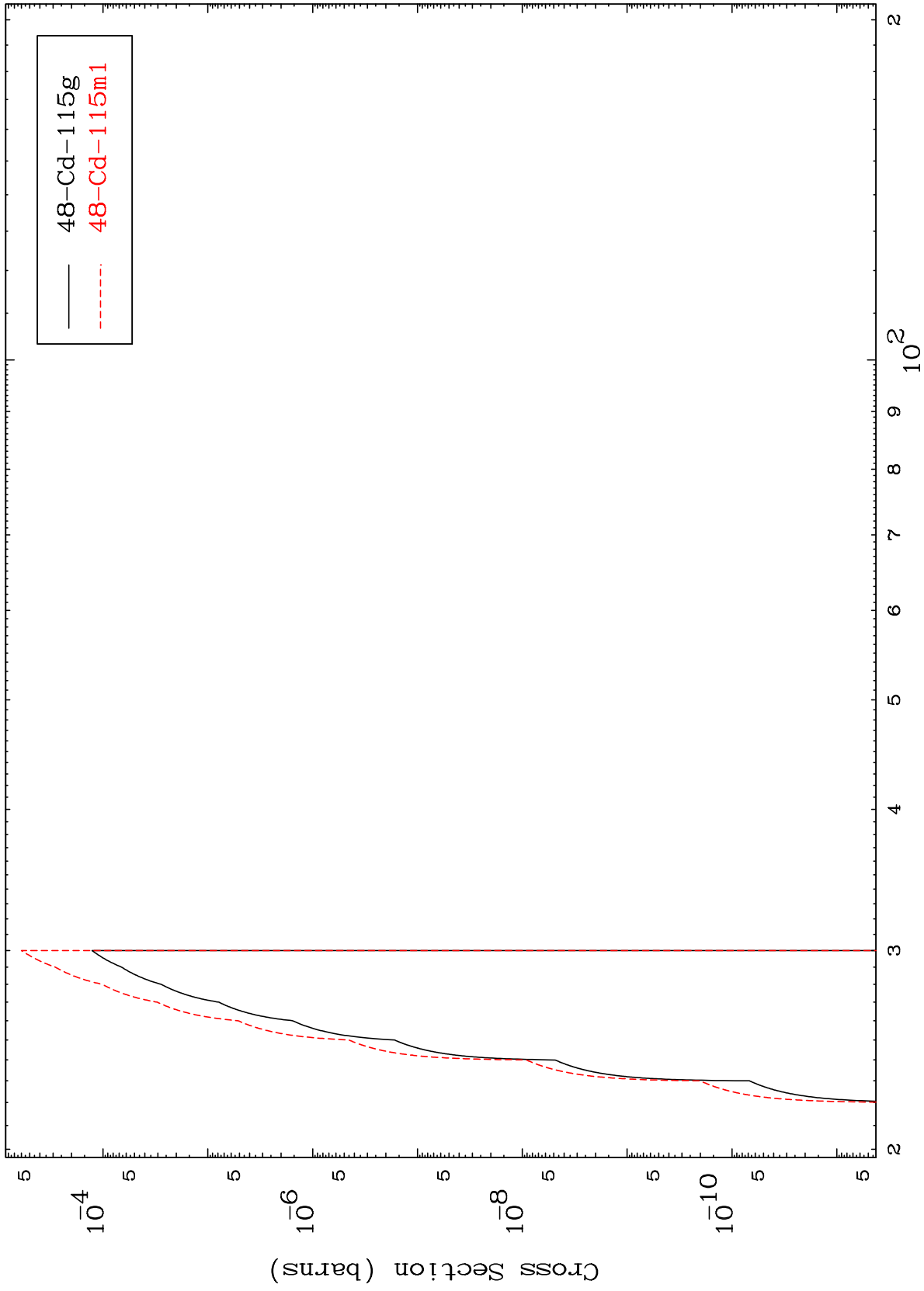
49-In-118

MAT 4942

(n,2n) d

49-In-118

Radionuclide Production Cross Section



20

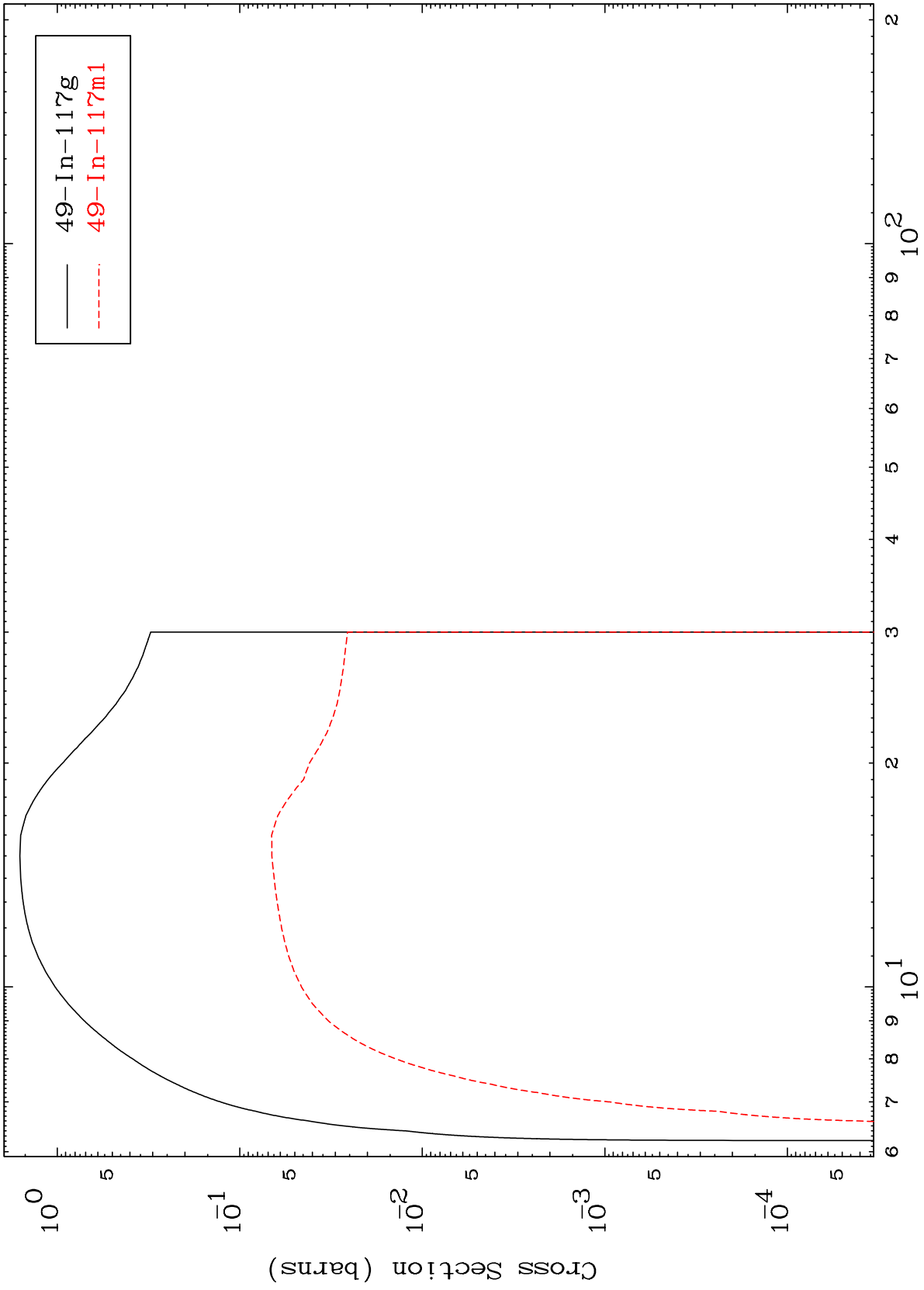
Incident Energy (MeV)

49-In-118

MAT 4942

49-In-118

(n,2n)  
Radionuclide Production Cross Section



21

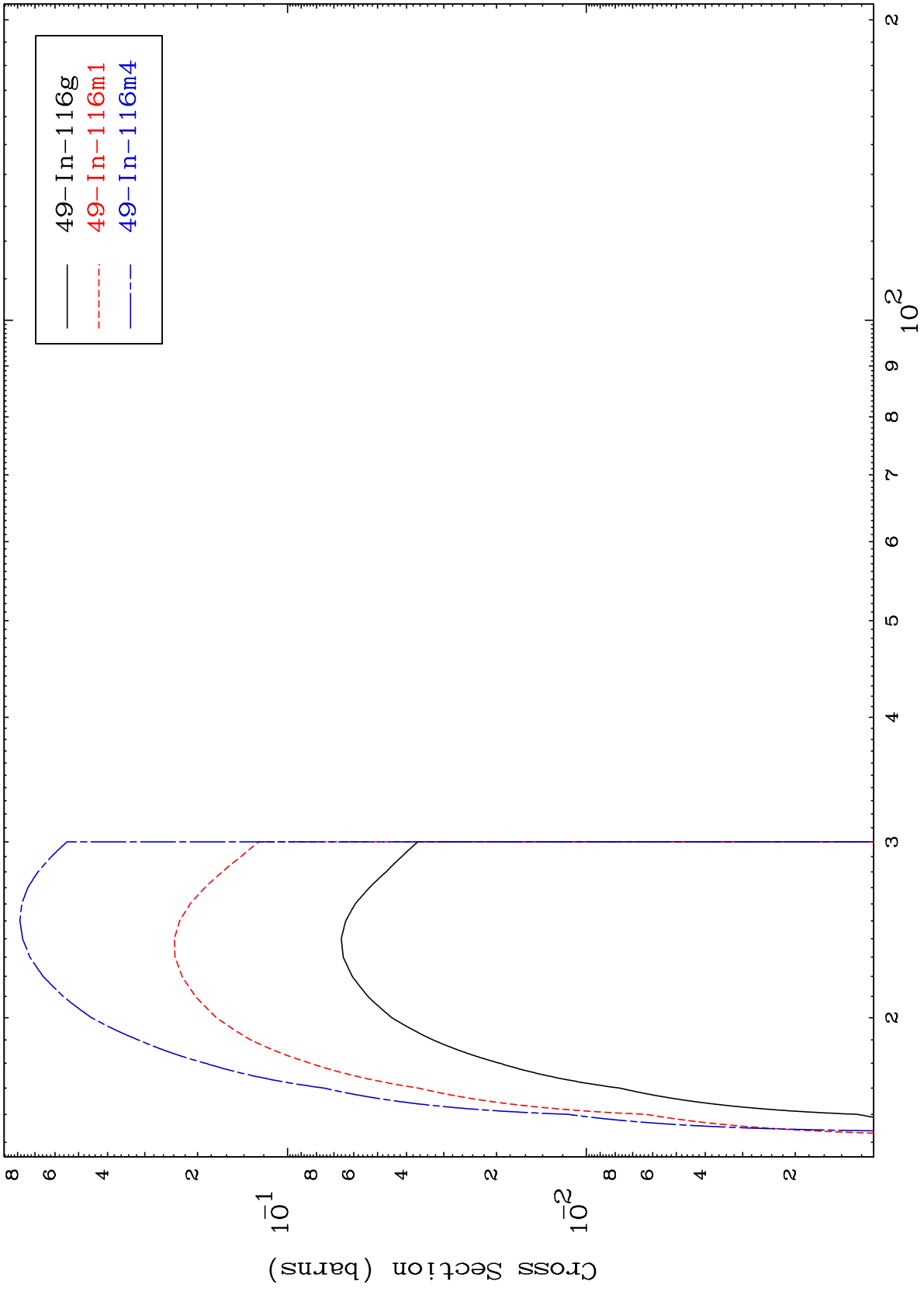
49-In-118

MAT 4942

(n,3n)

49-In-118

Radionuclide Production Cross Section



22

Incident Energy (MeV)

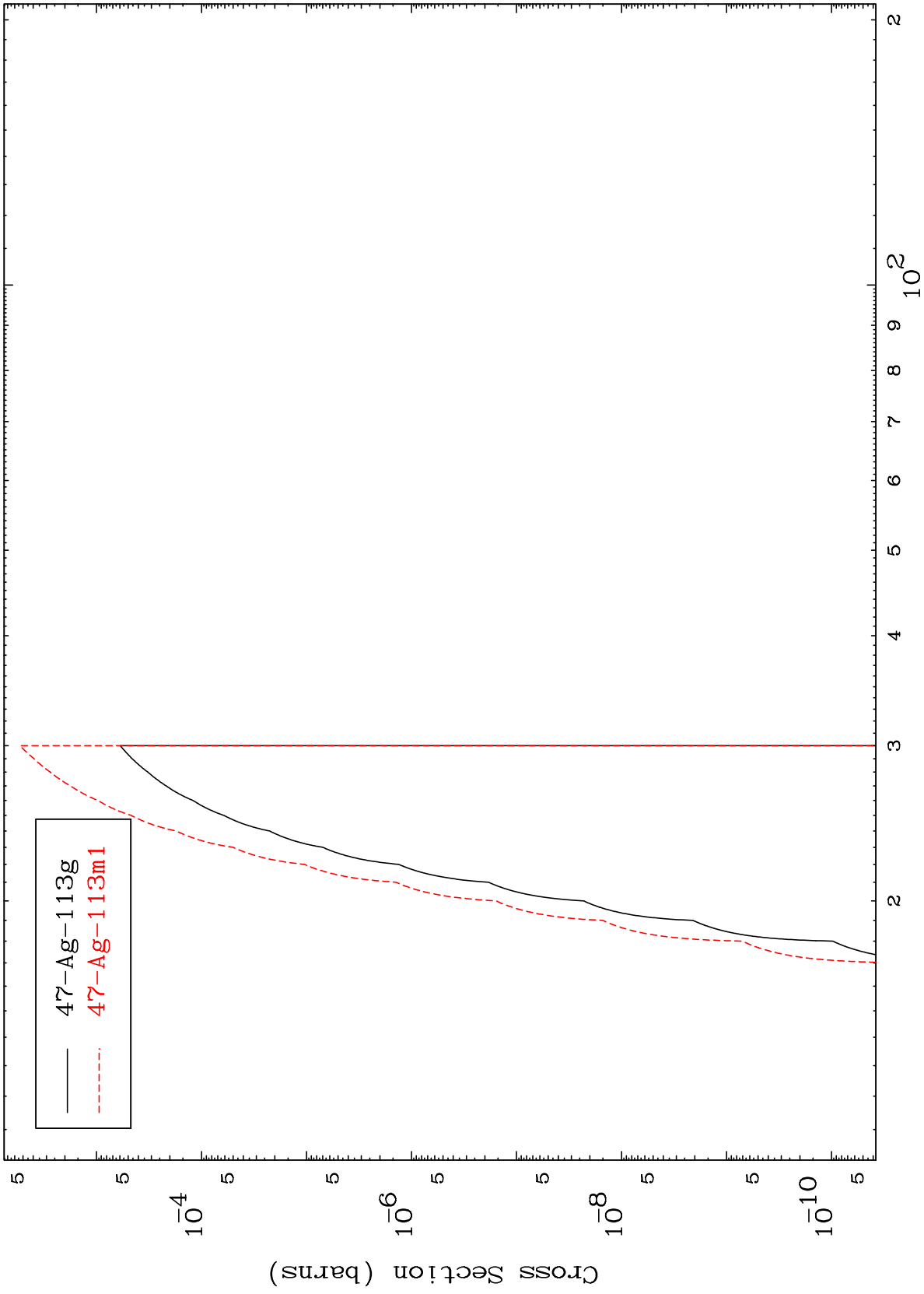
49-In-118

MAT 4942

(n,2n)  $\alpha$

49-In-118

Radionuclide Production Cross Section



23

Incident Energy (MeV)

49-In-118

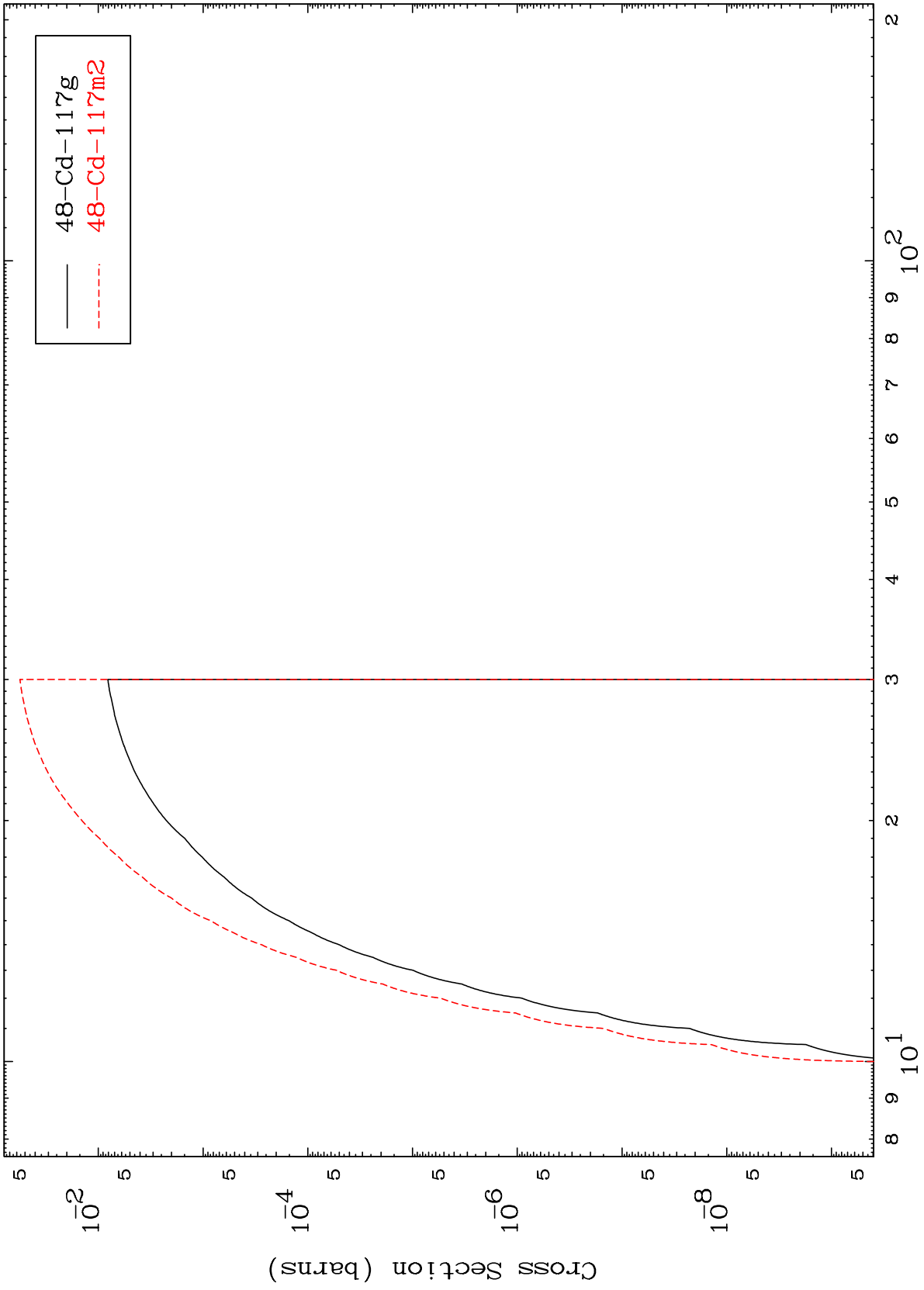


MAT 4942

(n,n') p

49-In-118

Radionuclide Production Cross Section



24

Incident Energy (MeV)

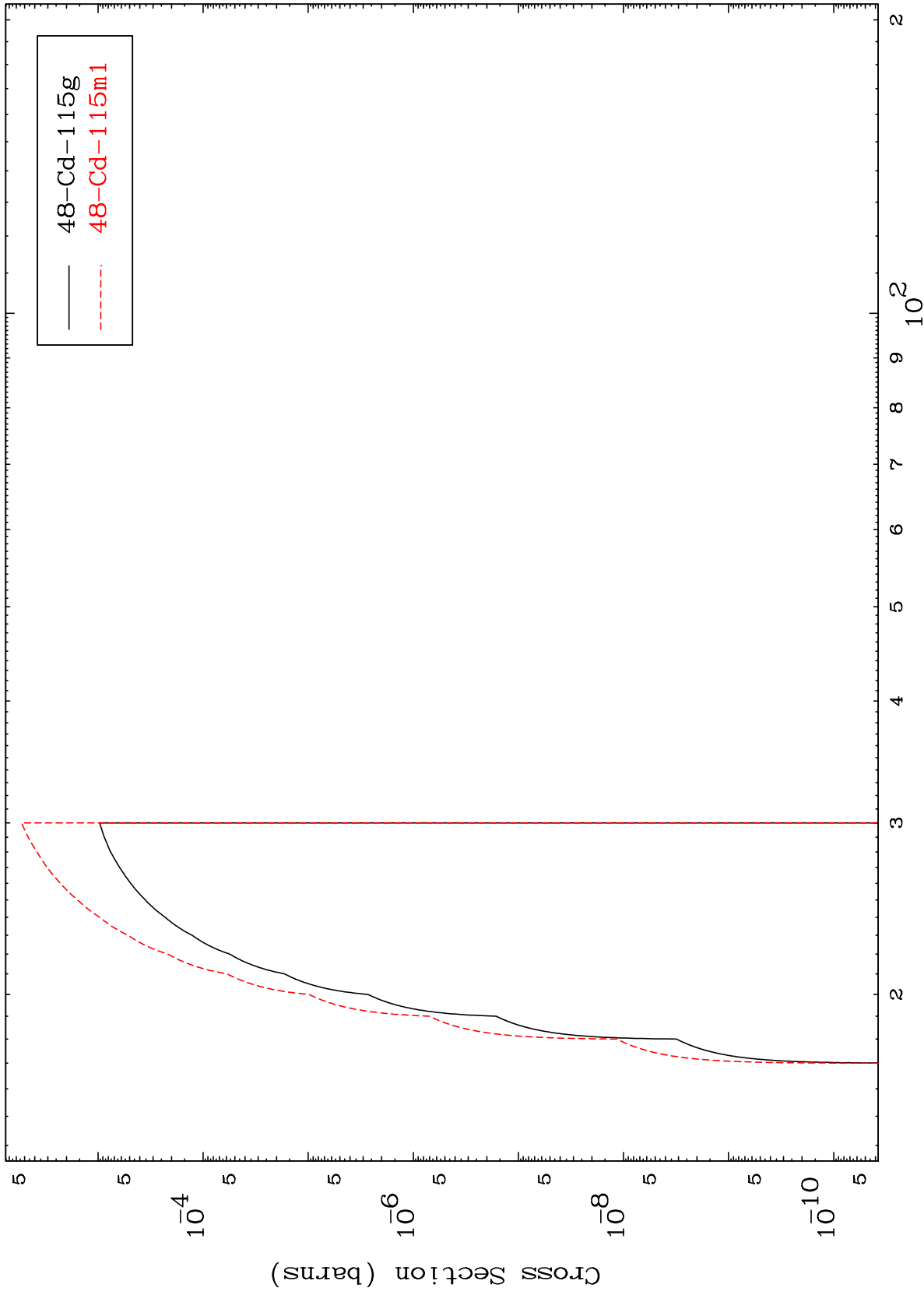
49-In-118

MAT 4942

(n,n') t

49-In-118

Radionuclide Production Cross Section



25

Incident Energy (MeV)

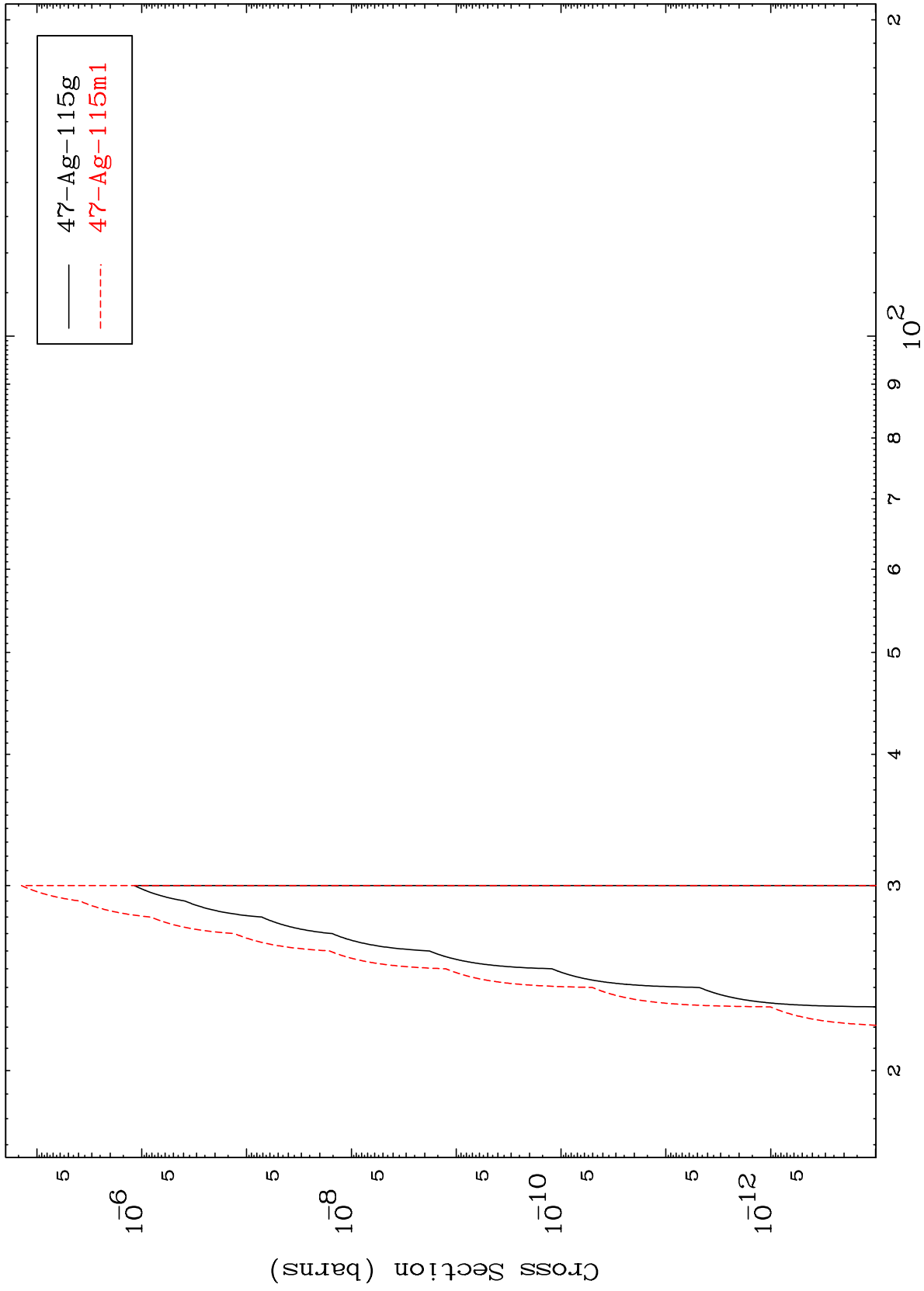
49-In-118

MAT 4942

(n, n') He-3

49-In-118

Radionuclide Production Cross Section



26

Incident Energy (MeV)

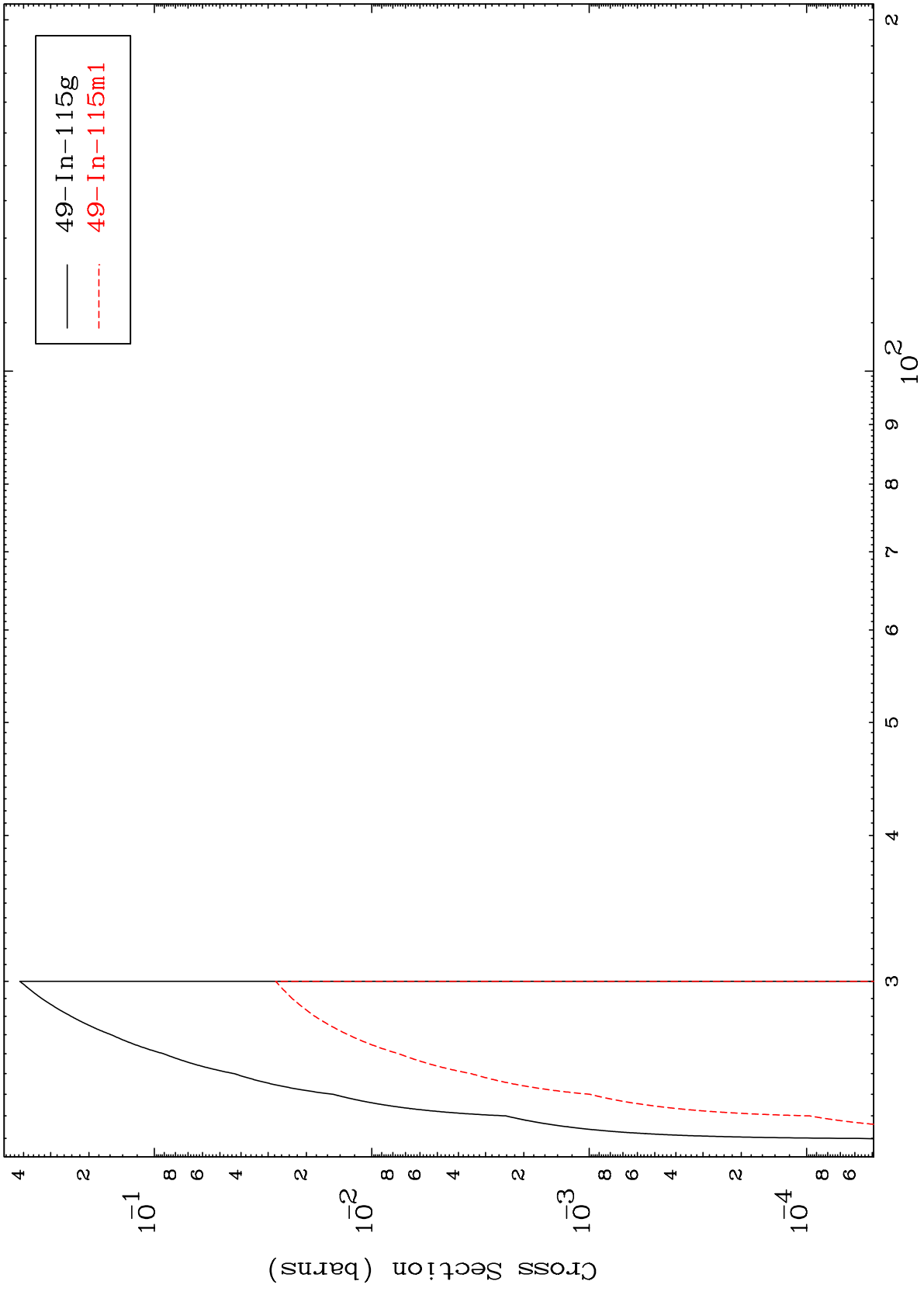
49-In-118

MAT 4942

(n,4n)

49-In-118

Radionuclide Production Cross Section



27

Incident Energy (MeV)

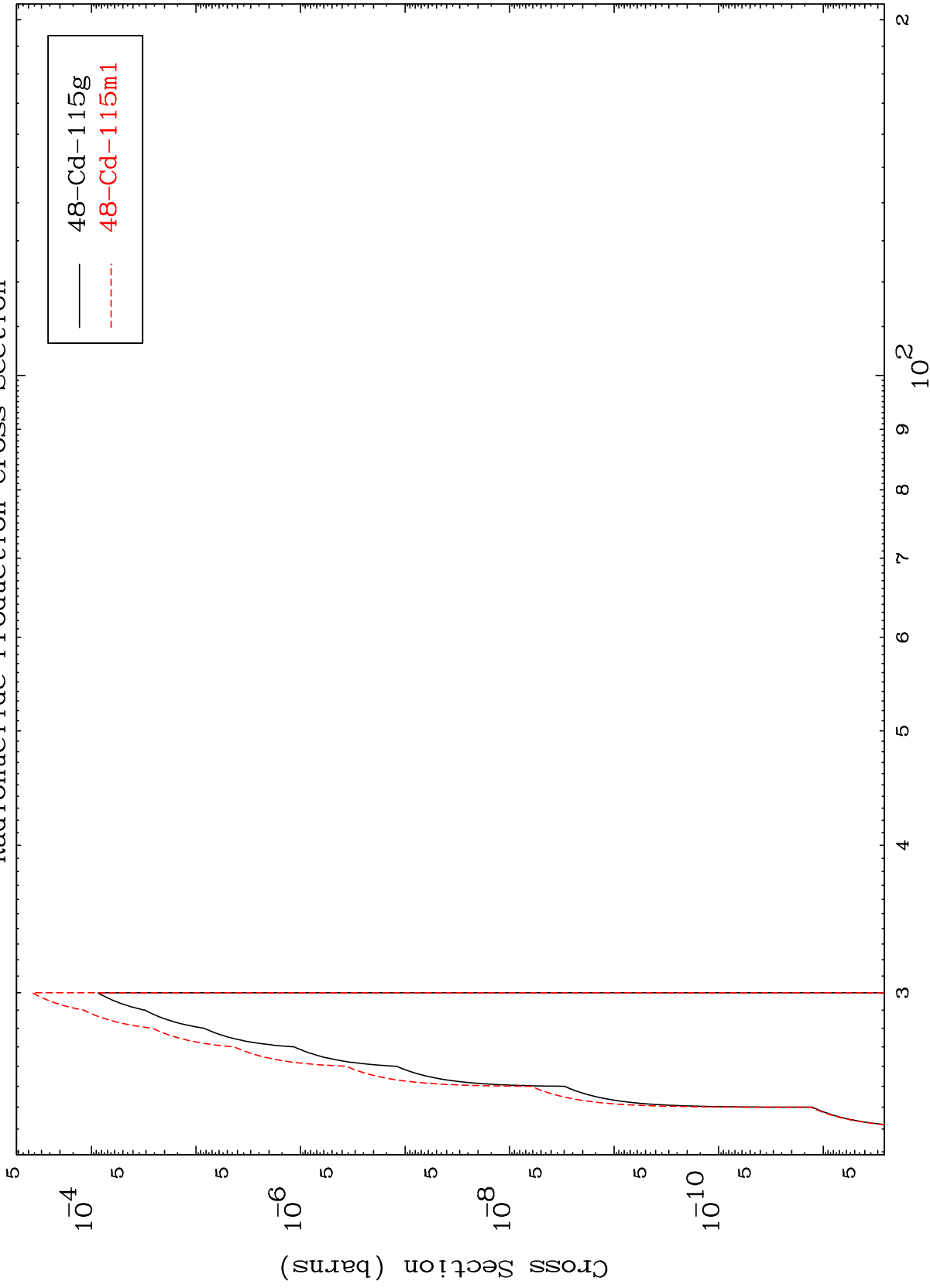
49-In-118

MAT 4942

(n,3n) p

49-In-118

Radionuclide Production Cross Section



28

Incident Energy (MeV)

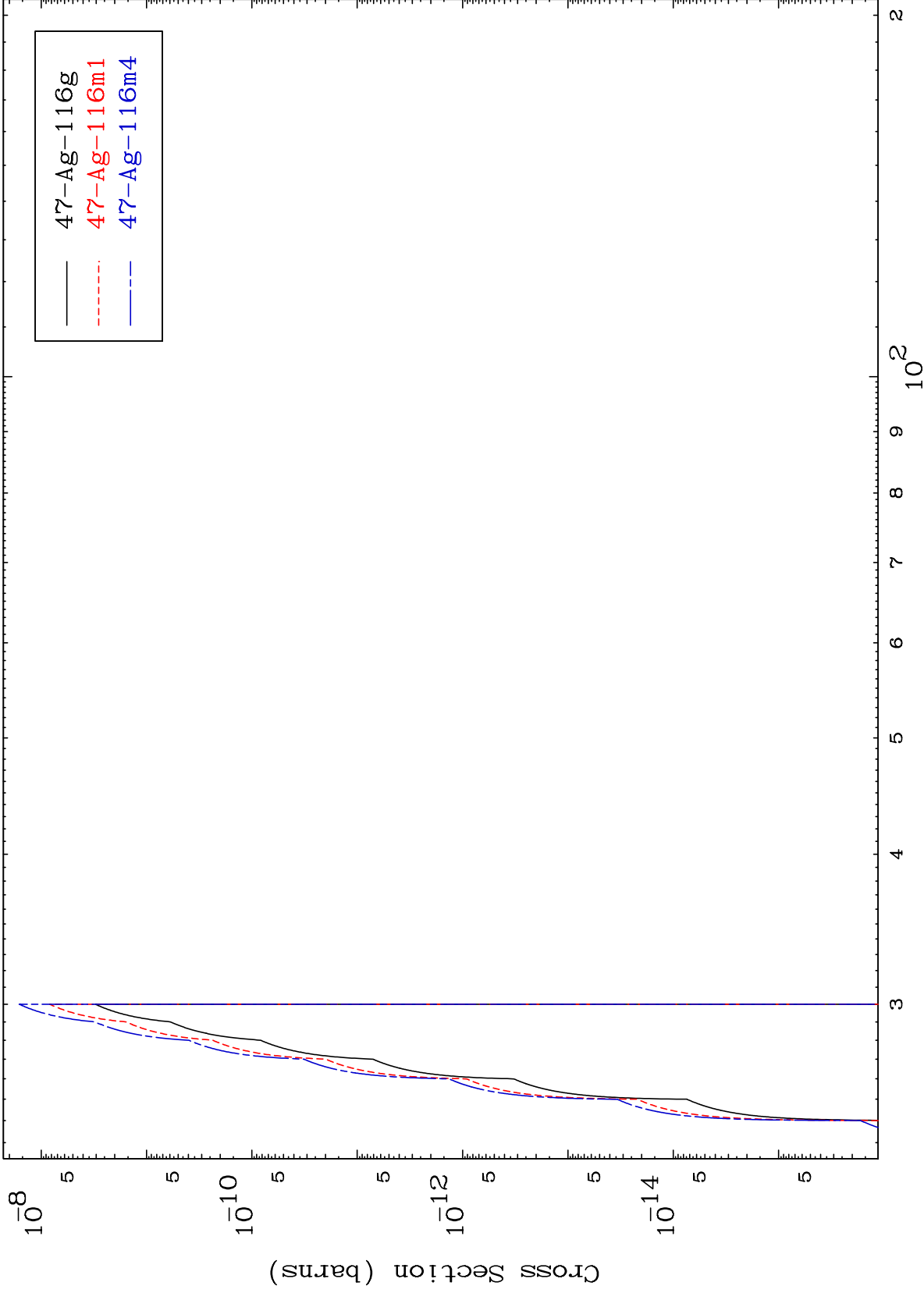
49-In-118

MAT 4942

(n,2n) p

49-In-118

Radionuclide Production Cross Section

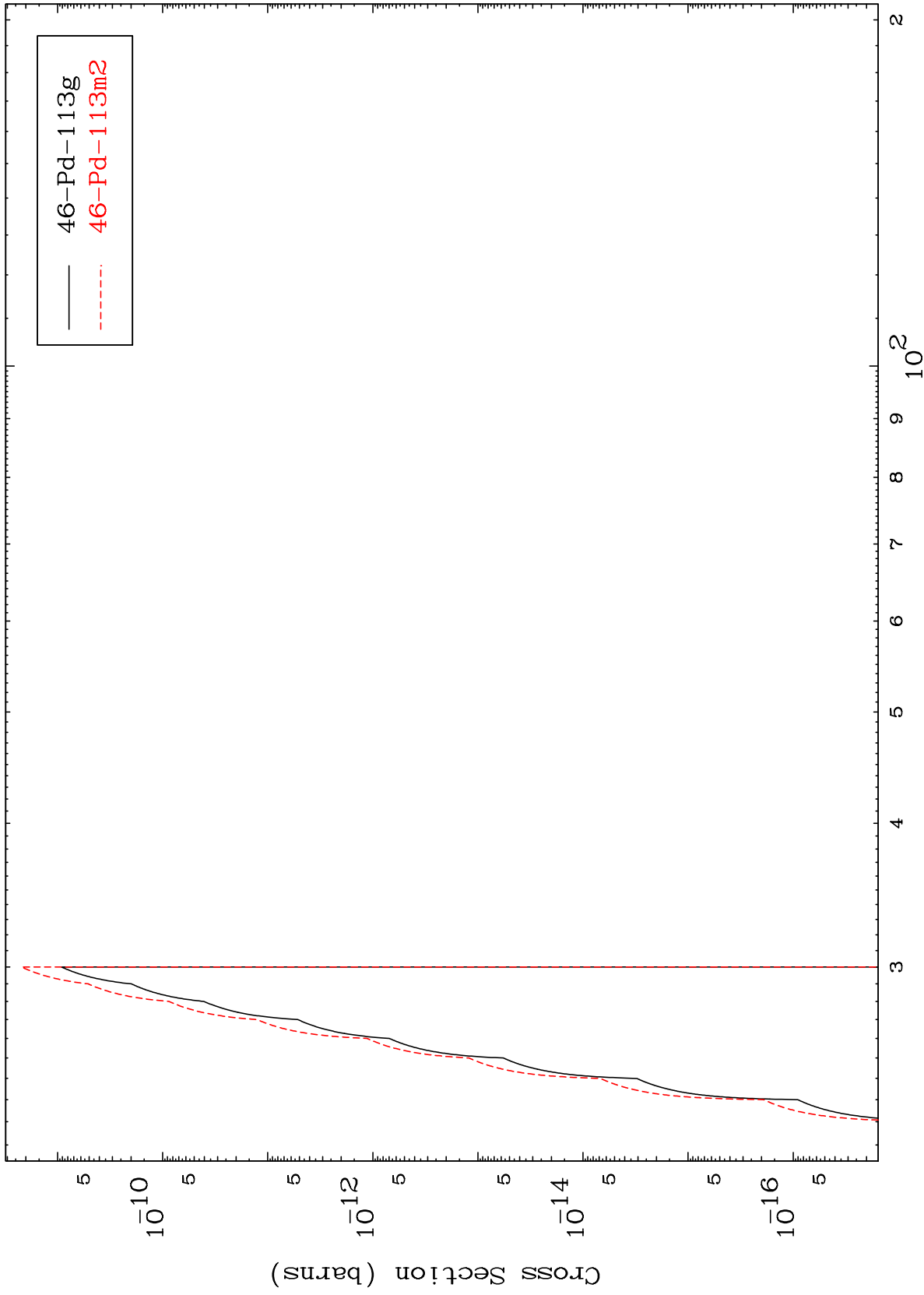


29

Incident Energy (MeV)

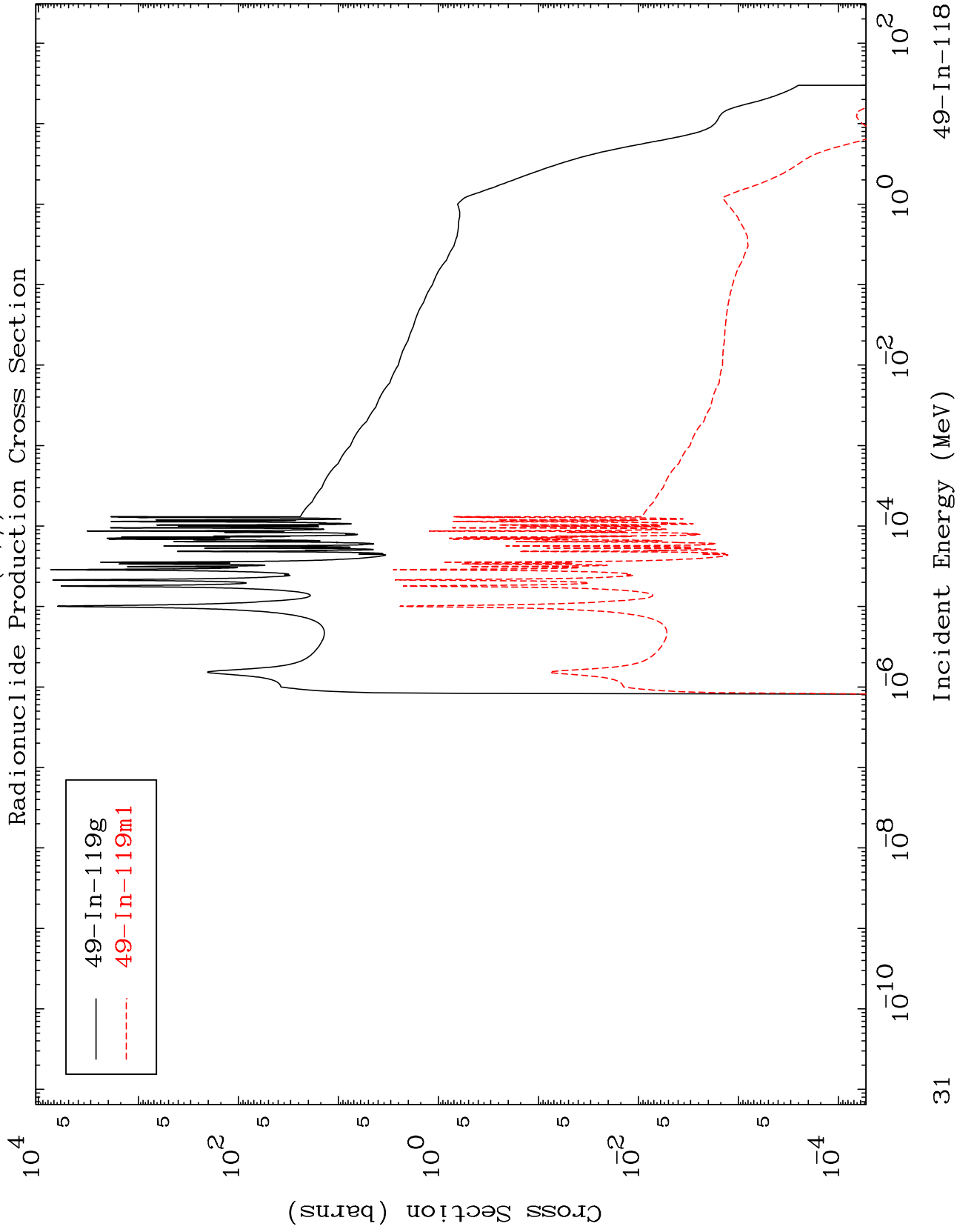
49-In-118

Radionuclide Production Cross Section



MAT 4942

49-In-118



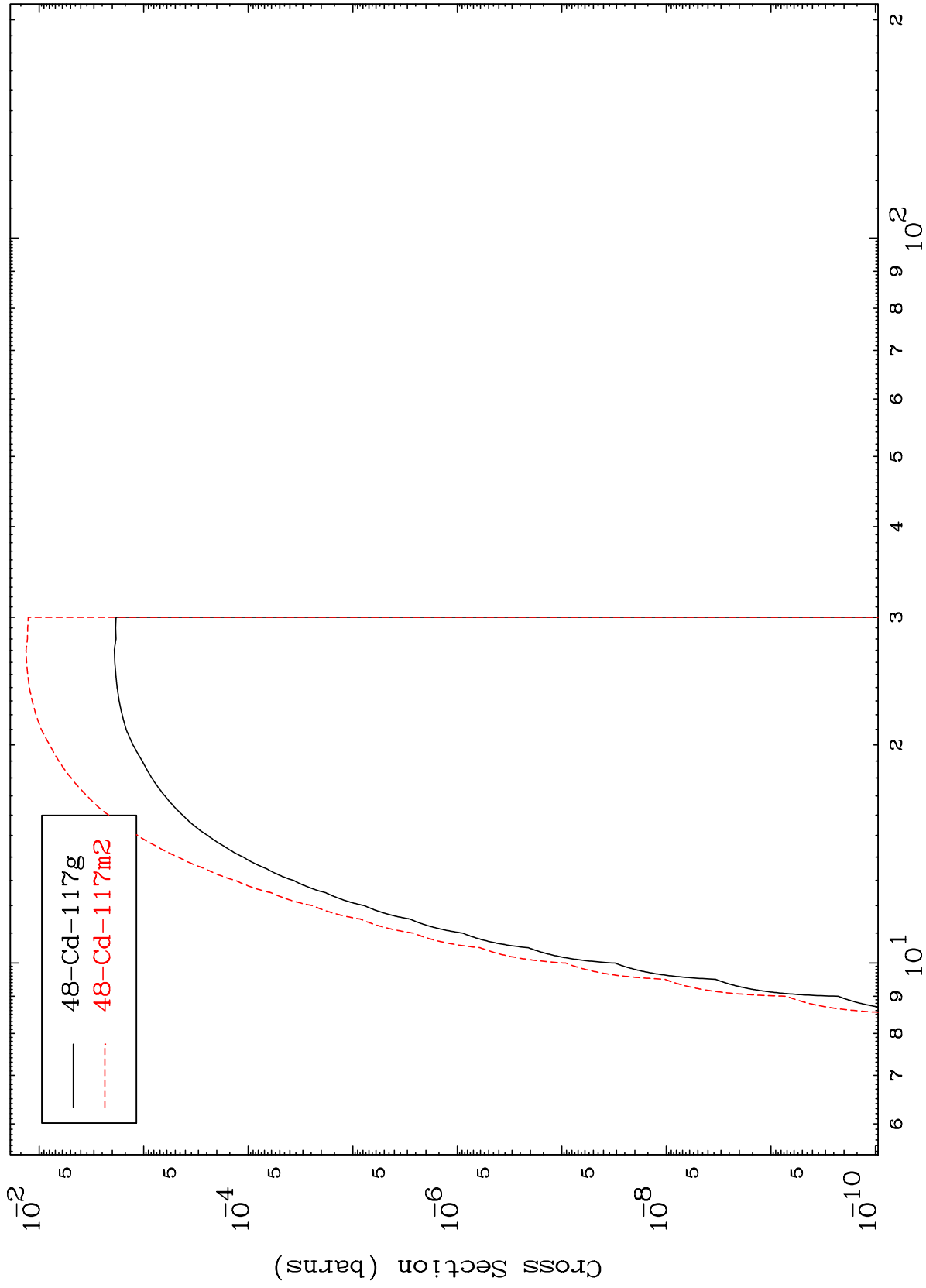


MAT 4942

(n,d)

49-In-118

Radionuclide Production Cross Section



32

Incident Energy (MeV)

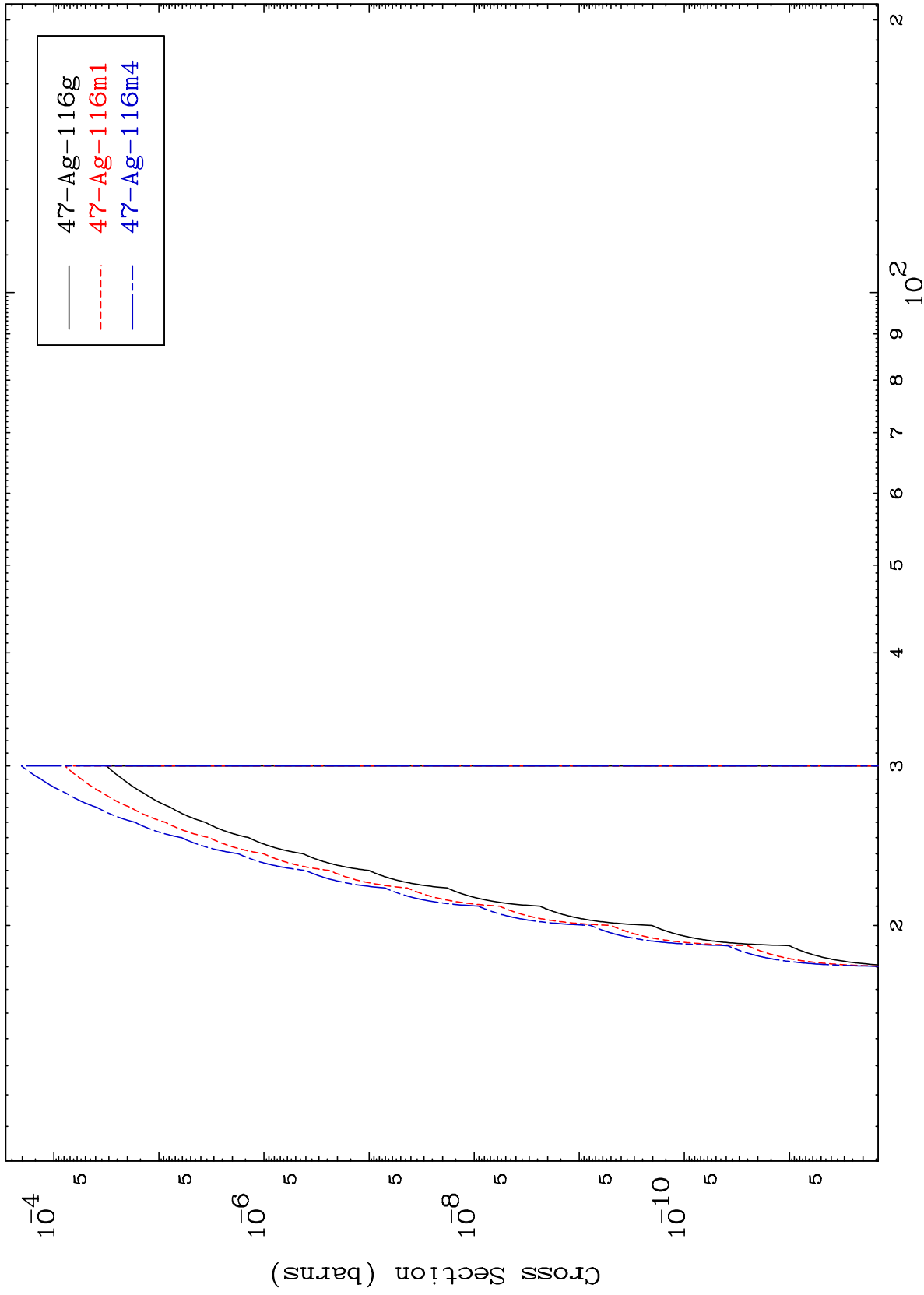
49-In-118

MAT 4942

(n,He-3)

49-In-118

Radionuclide Production Cross Section



33

Incident Energy (MeV)

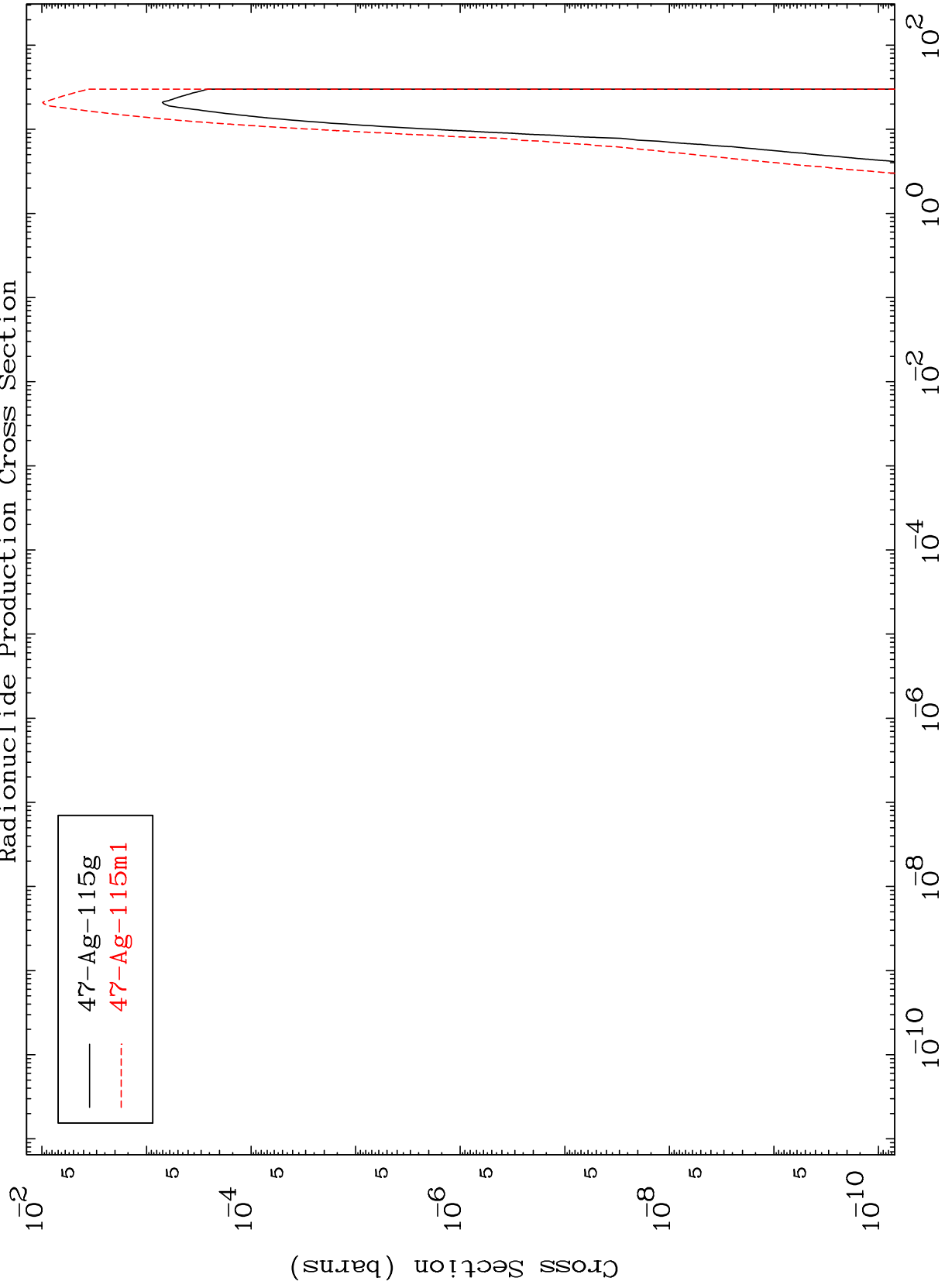
49-In-118

MAT 4942

(n,  $\alpha$ )

49-In-118

Radionuclide Production Cross Section



34

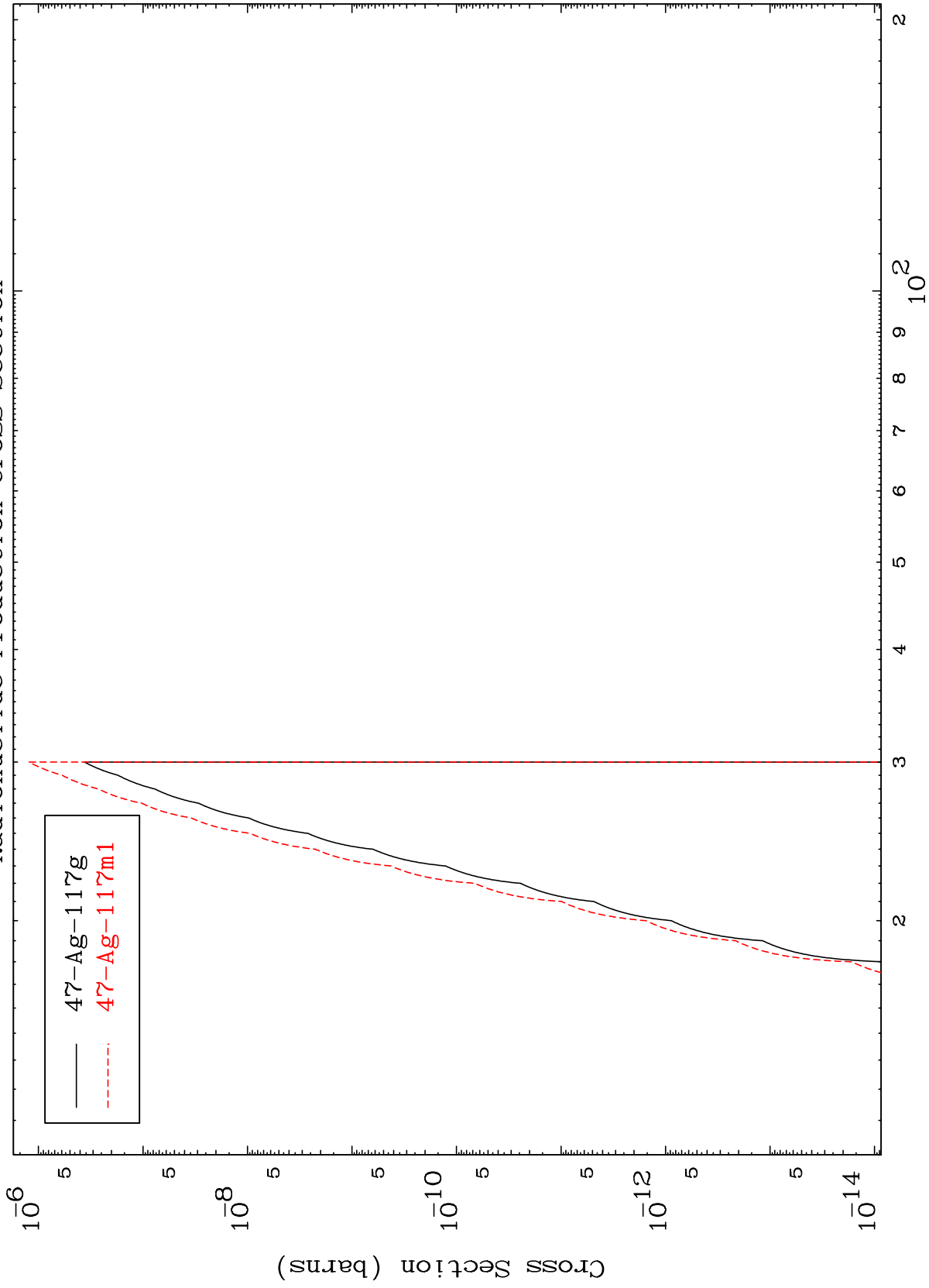
Incident Energy (MeV)

49-In-118

MAT 4942

49-In-118

(n,2p)  
Radionuclide Production Cross Section



35

Incident Energy (MeV)

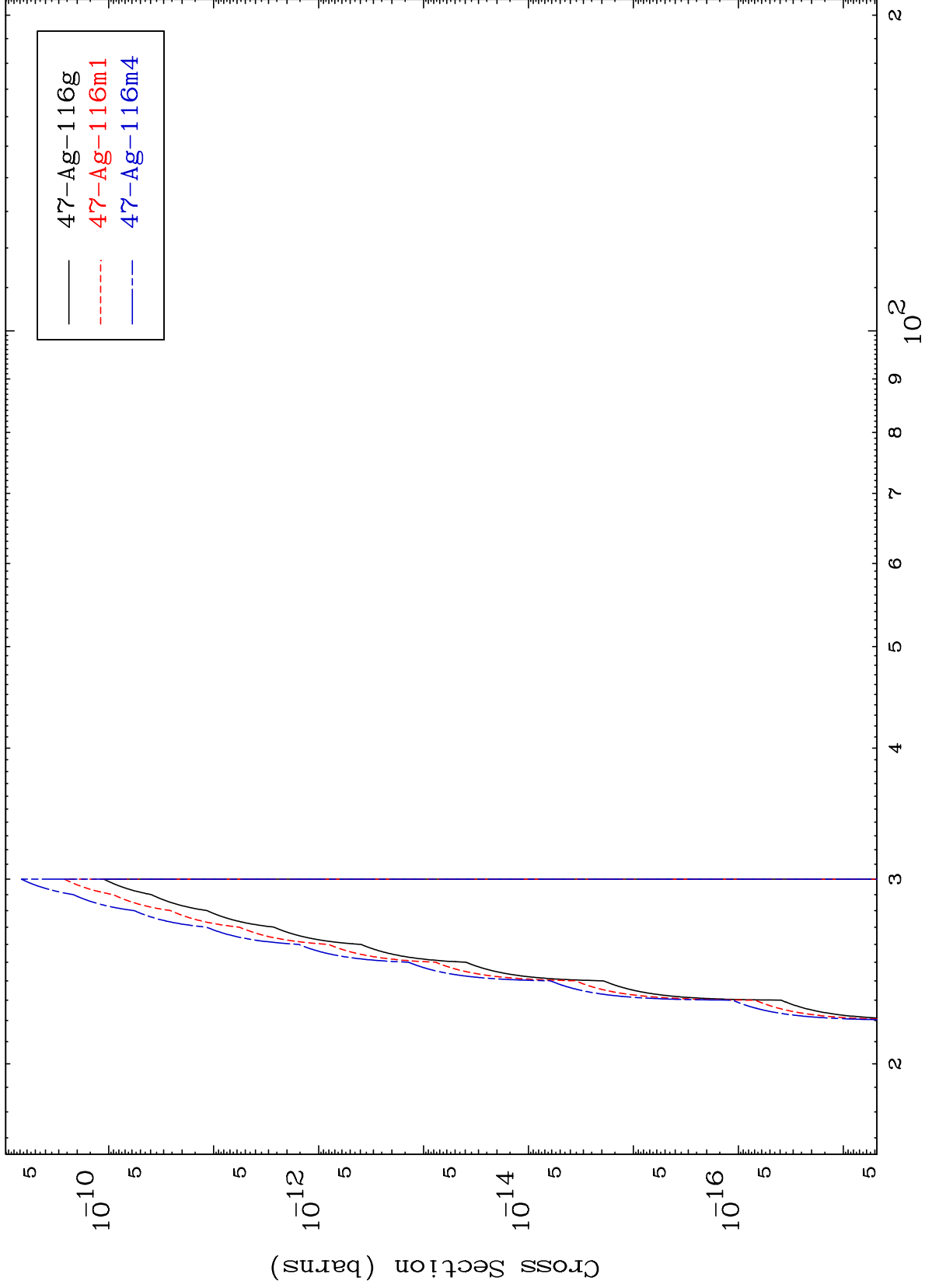
49-In-118

MAT 4942

(n,p) d

49-In-118

Radionuclide Production Cross Section



36

Incident Energy (MeV)

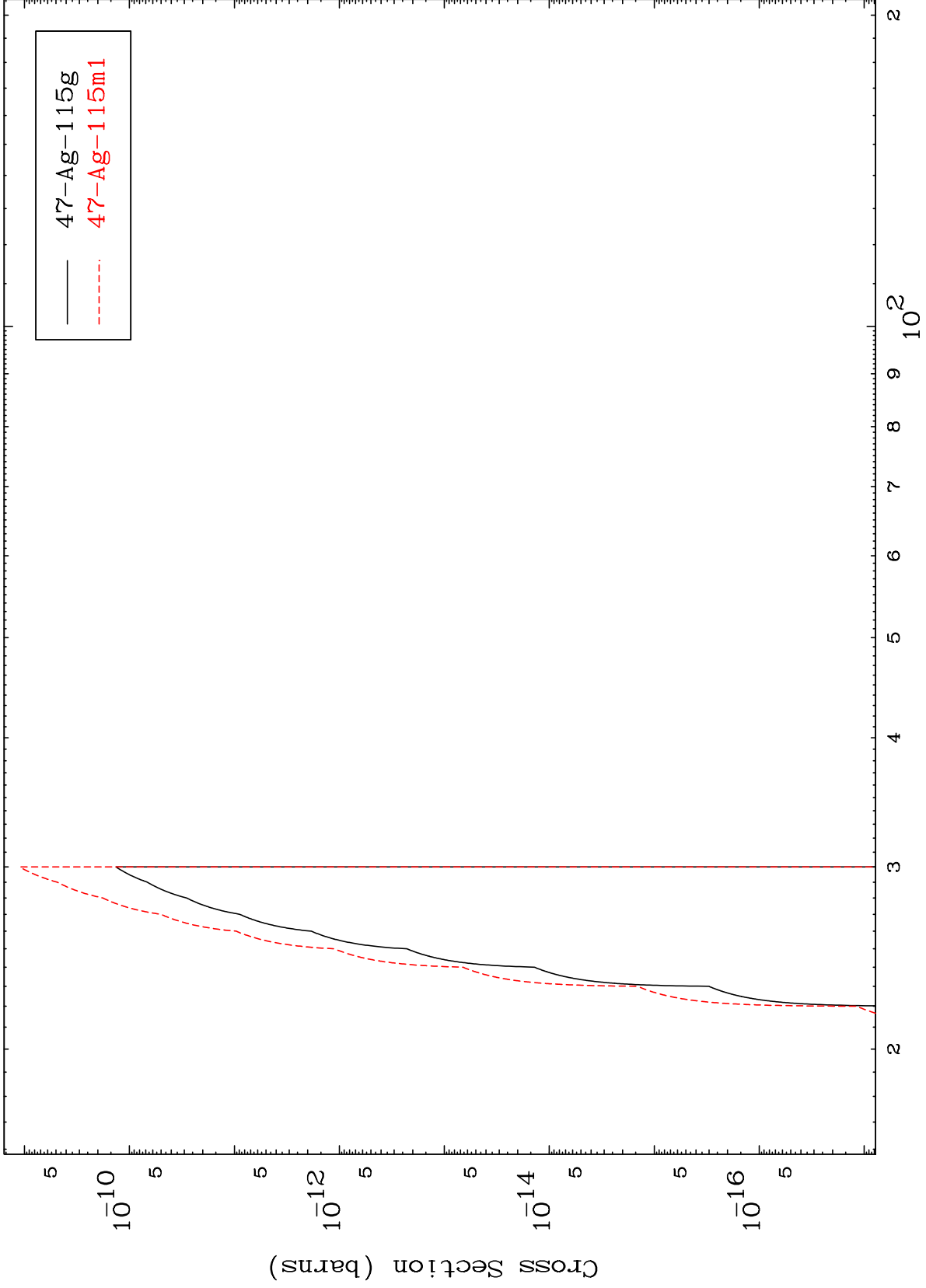
49-In-118

MAT 4942

(n,p) t

49-In-118

Radionuclide Production Cross Section



37

Incident Energy (MeV)

49-In-118