

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

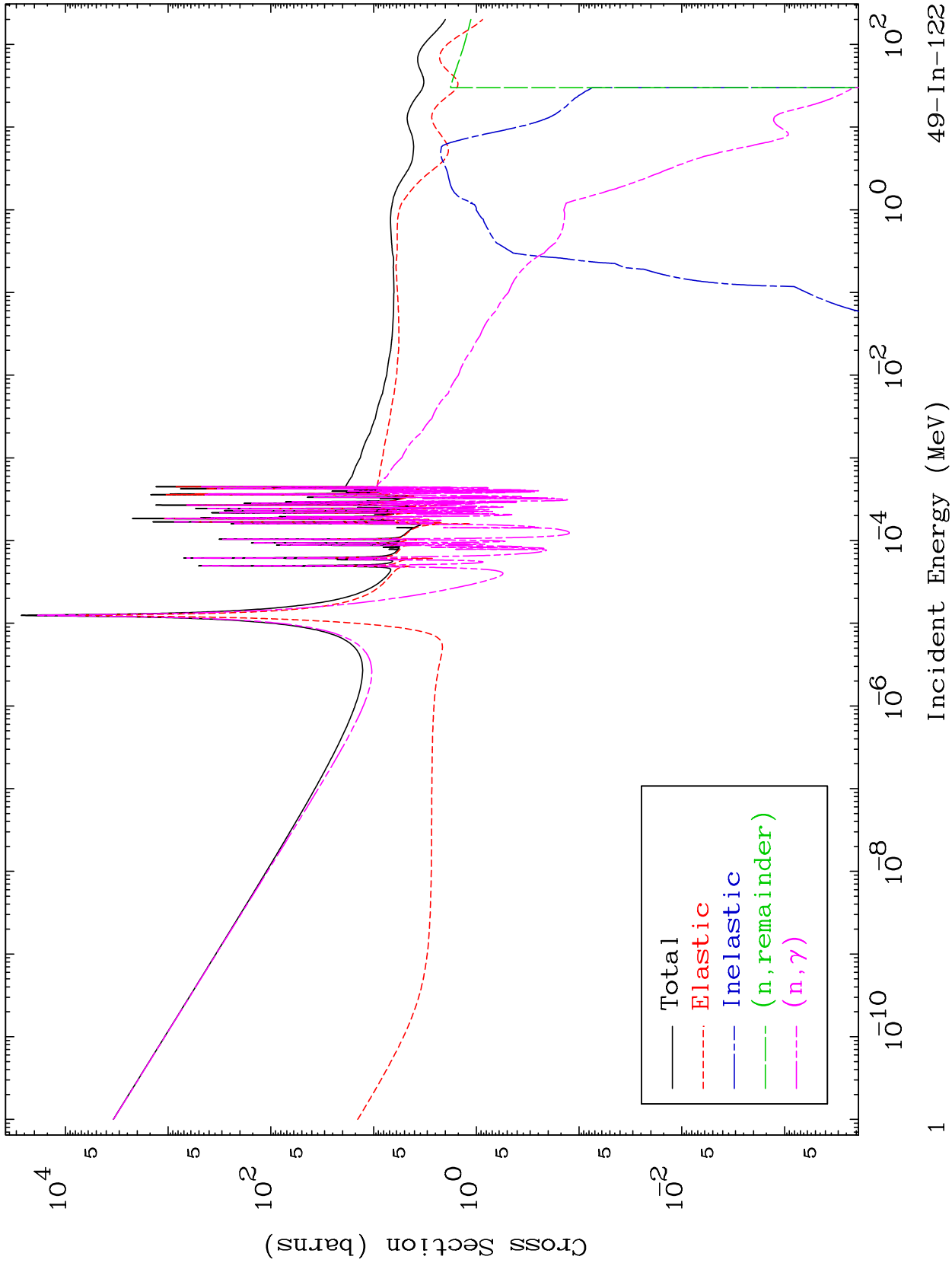
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4953

Major
293 Kelvin Cross Sections

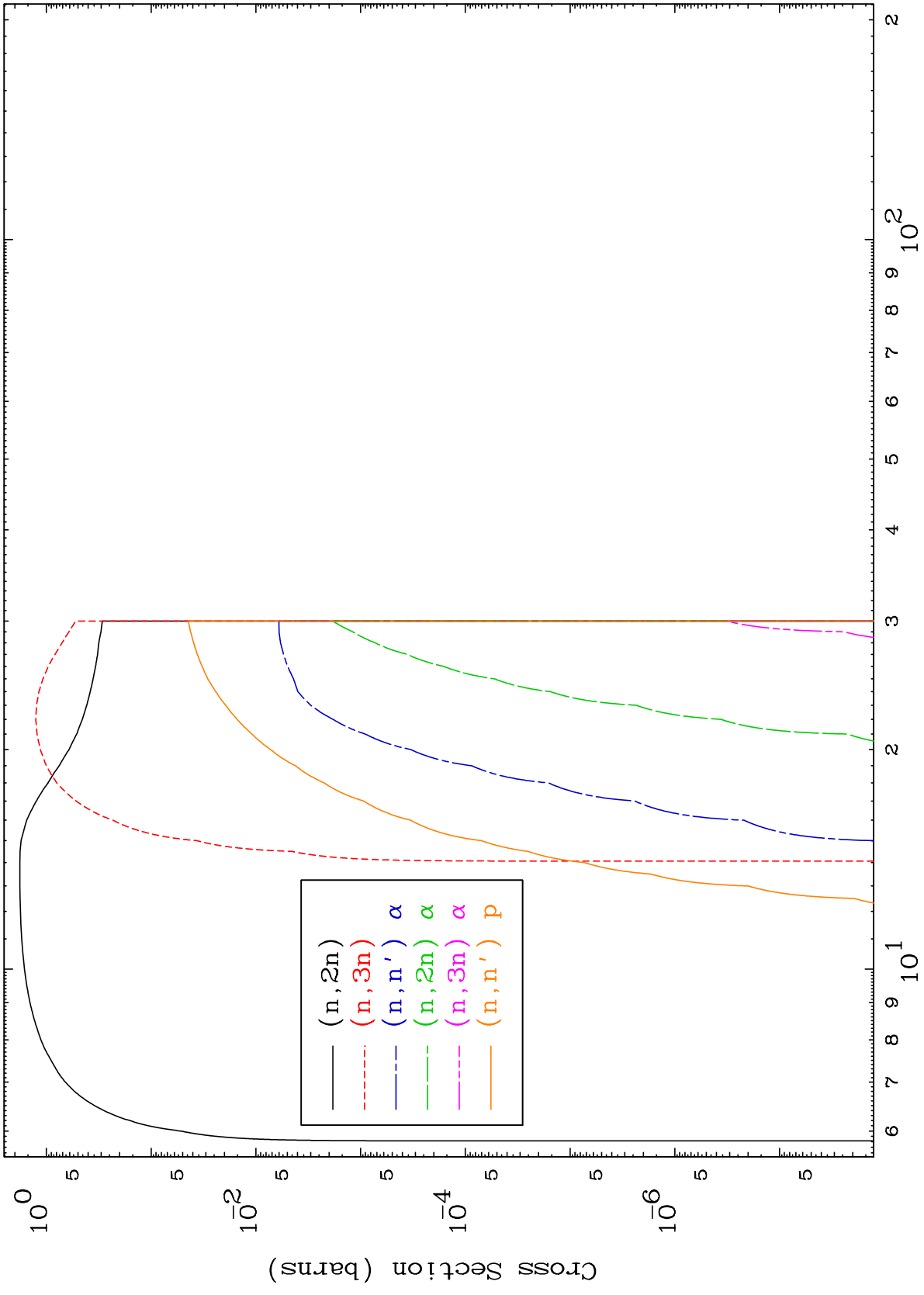
49-In-122



MAT 4953

Neutron Production
293 Kelvin Cross Sections

49-In-122



2

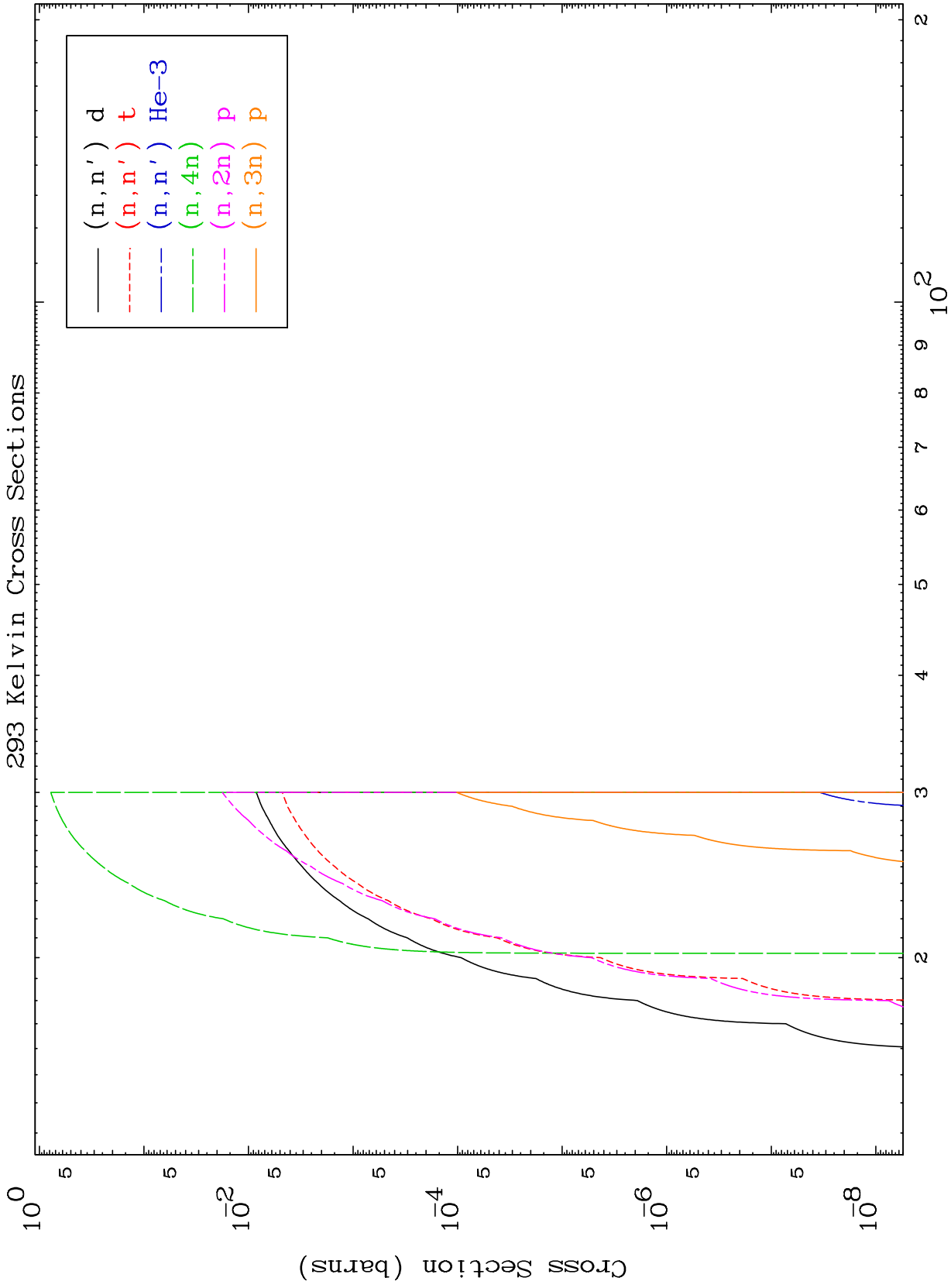
Incident Energy (MeV)

49-In-122

MAT 4953

Neutron Production
293 Kelvin Cross Sections

49-In-122



3

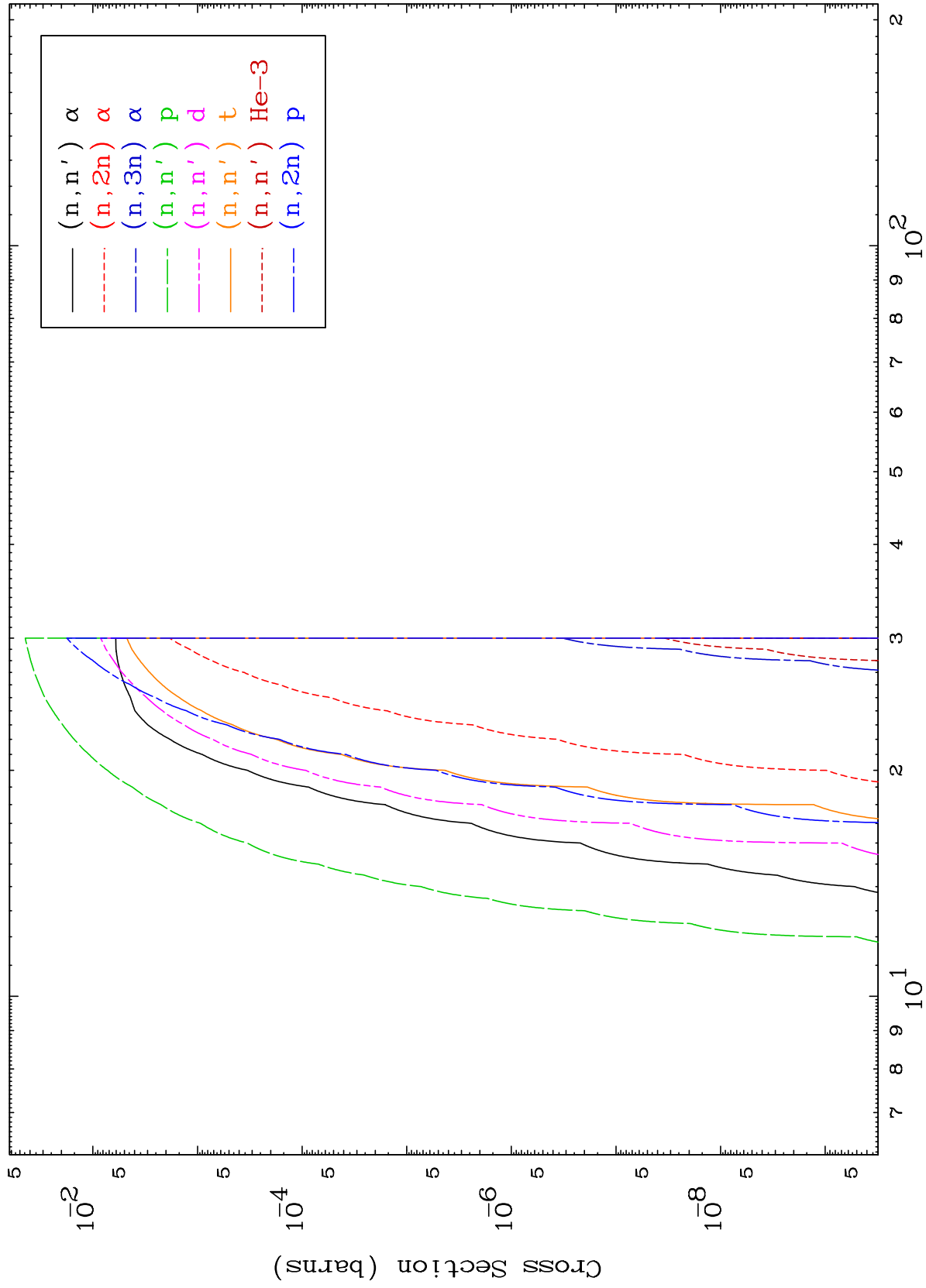
Incident Energy (MeV)

49-In-122

MAT 4953

Charged Particle
293 Kelvin Cross Sections

49-In-122



4

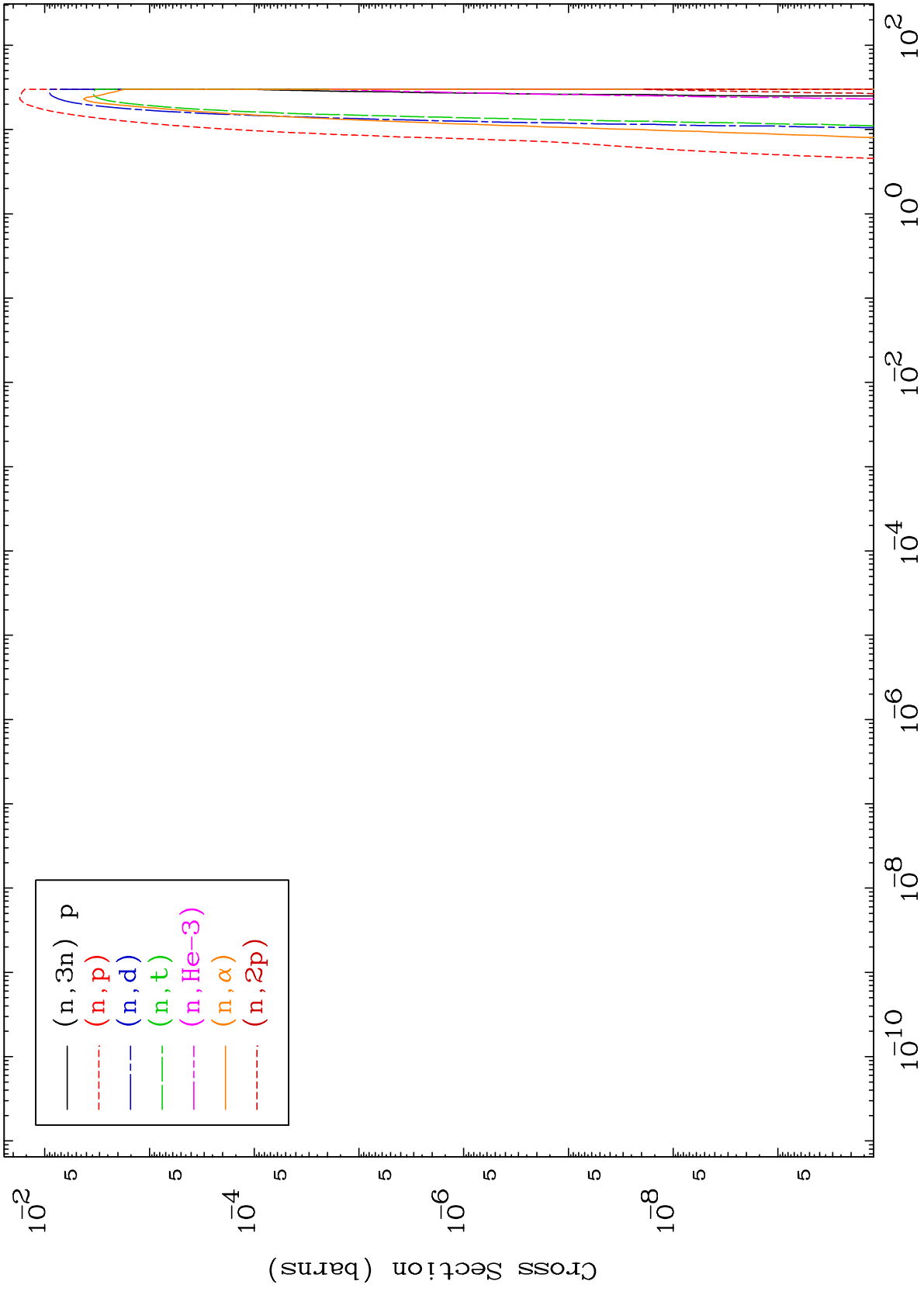
Incident Energy (MeV)

49-In-122

MAT 4953

Charged Particle
293 Kelvin Cross Sections

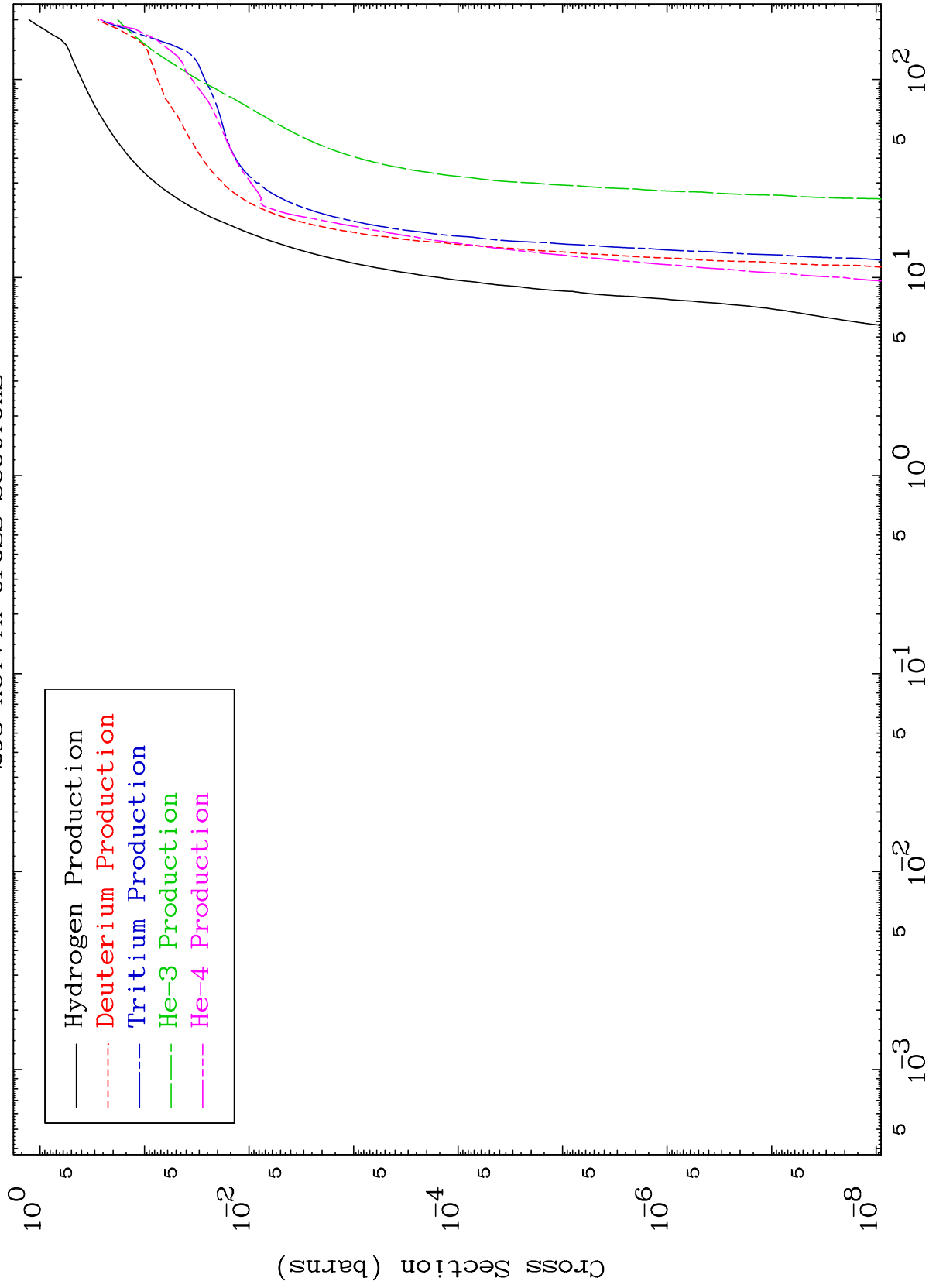
49-In-122



MAT 4953

Particle Production
293 Kelvin Cross Sections

49-In-122



6

Incident Energy (MeV)

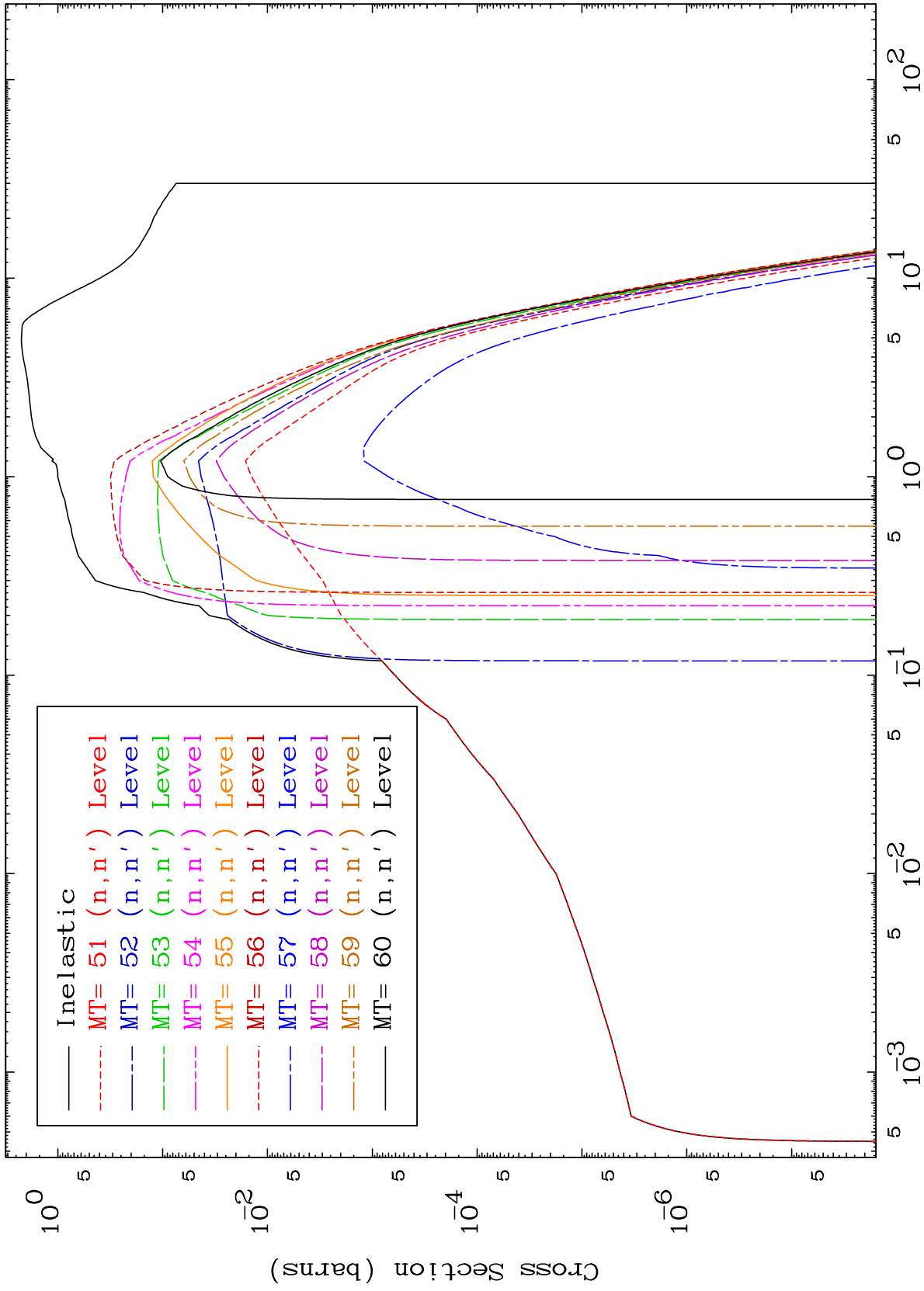
49-In-122

MAT 4953

293 Kelvin Cross Sections

(n,n') Level

49-In-122



7

Incident Energy (MeV)

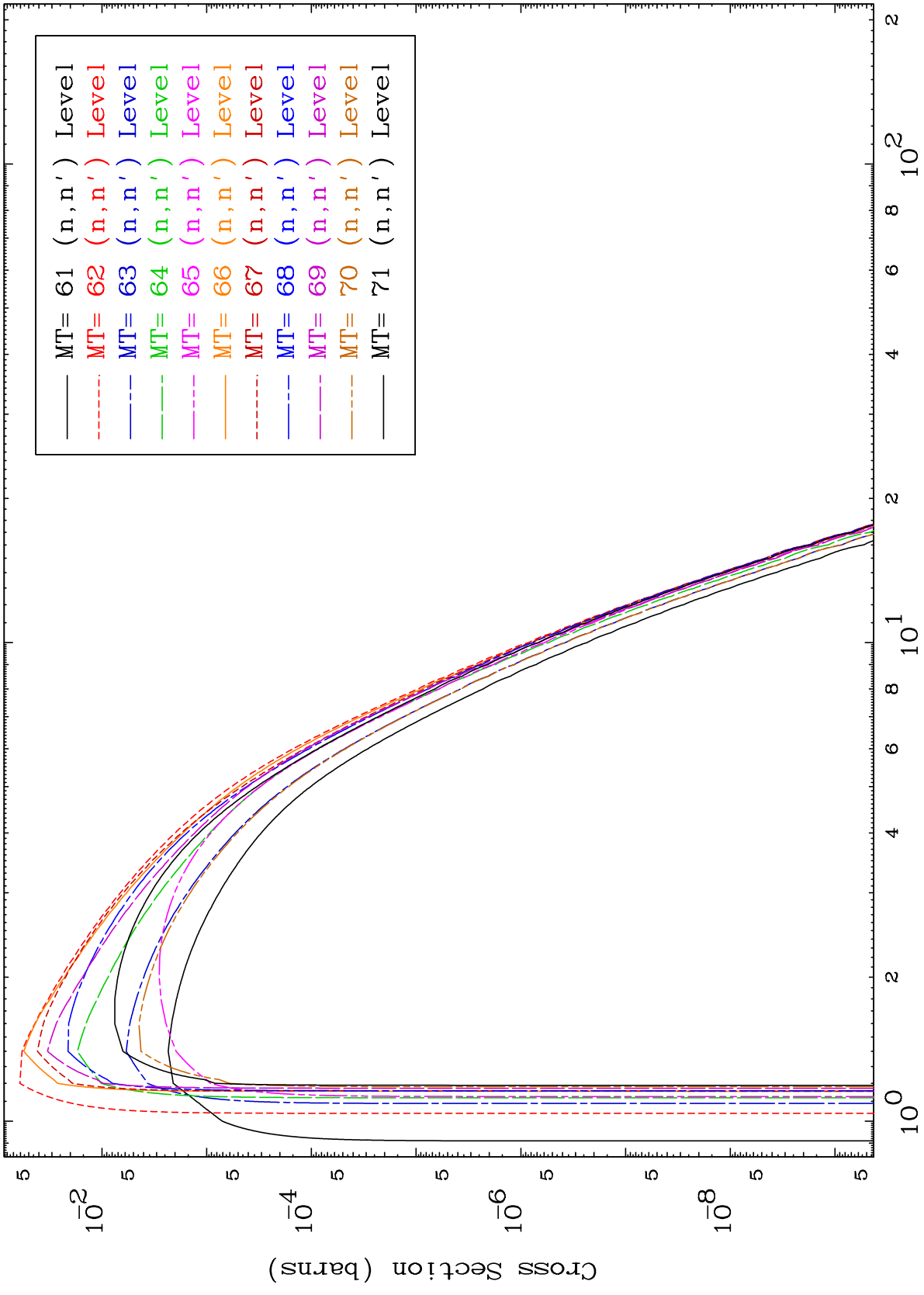
49-In-122

MAT 4953

(n,n') Level

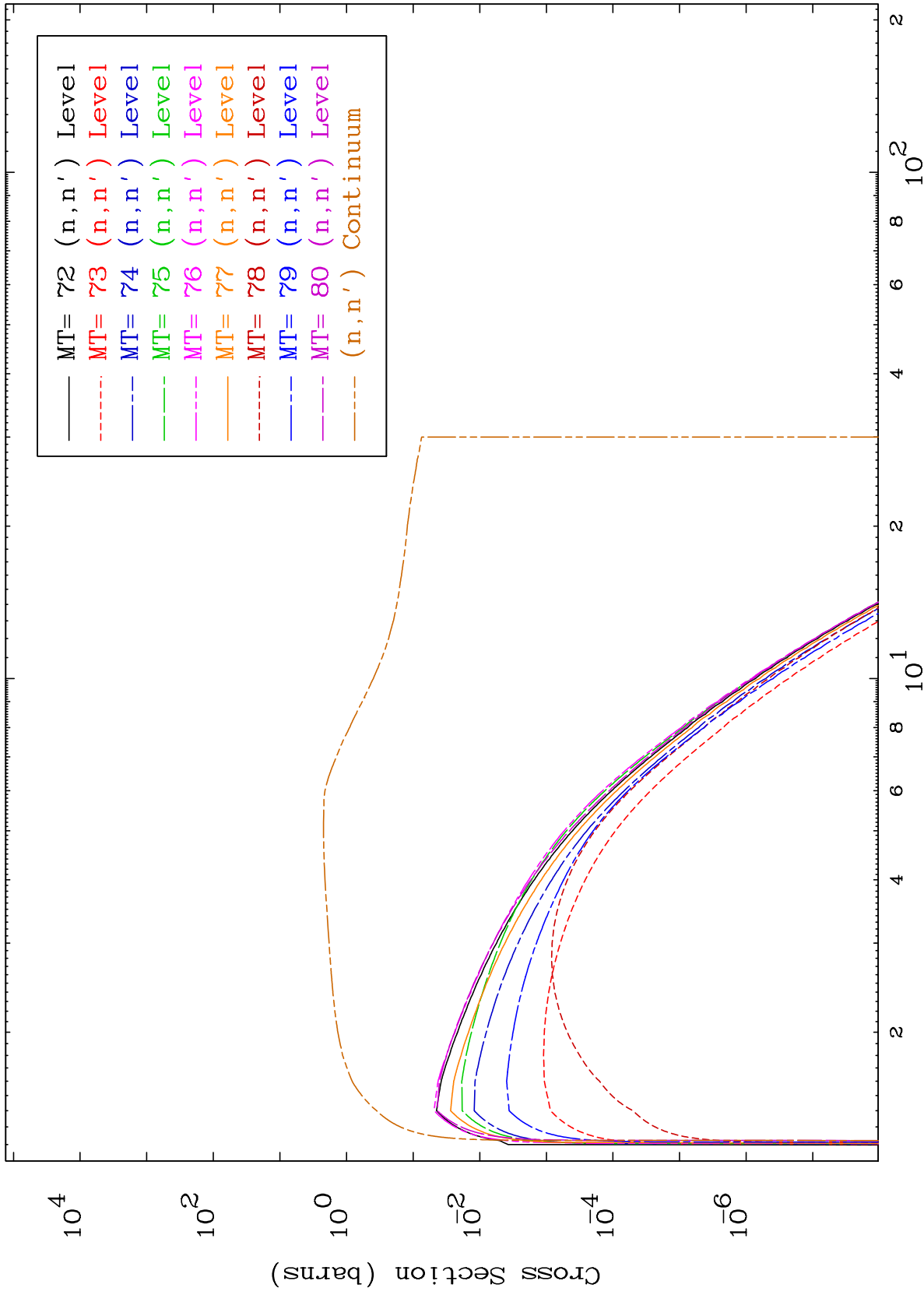
293 Kelvin Cross Sections

49-In-122



Incident Energy (MeV)

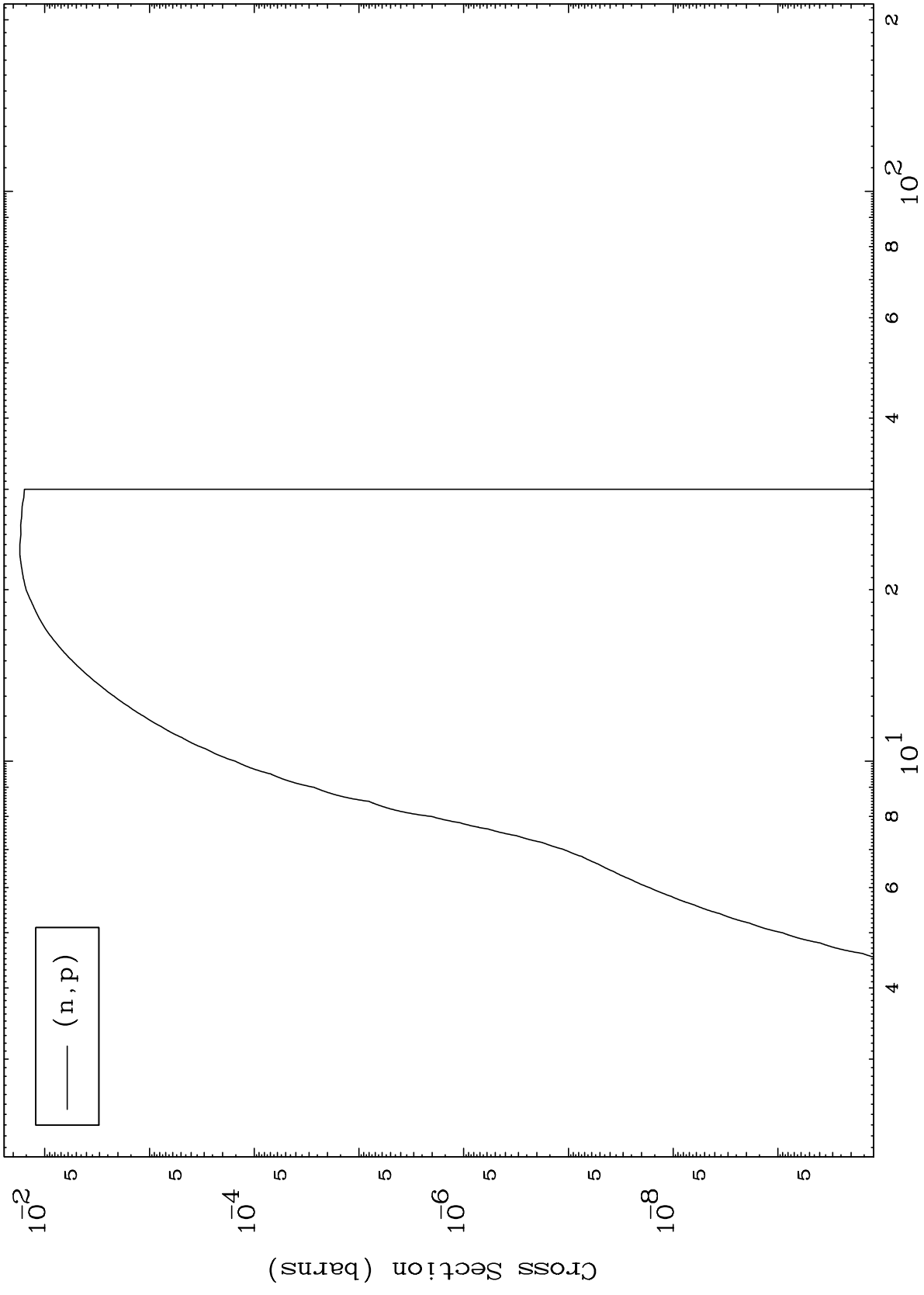
49-In-122



MAT 4953

(n,p) Levels
293 Kelvin Cross Sections

49-In-122



10

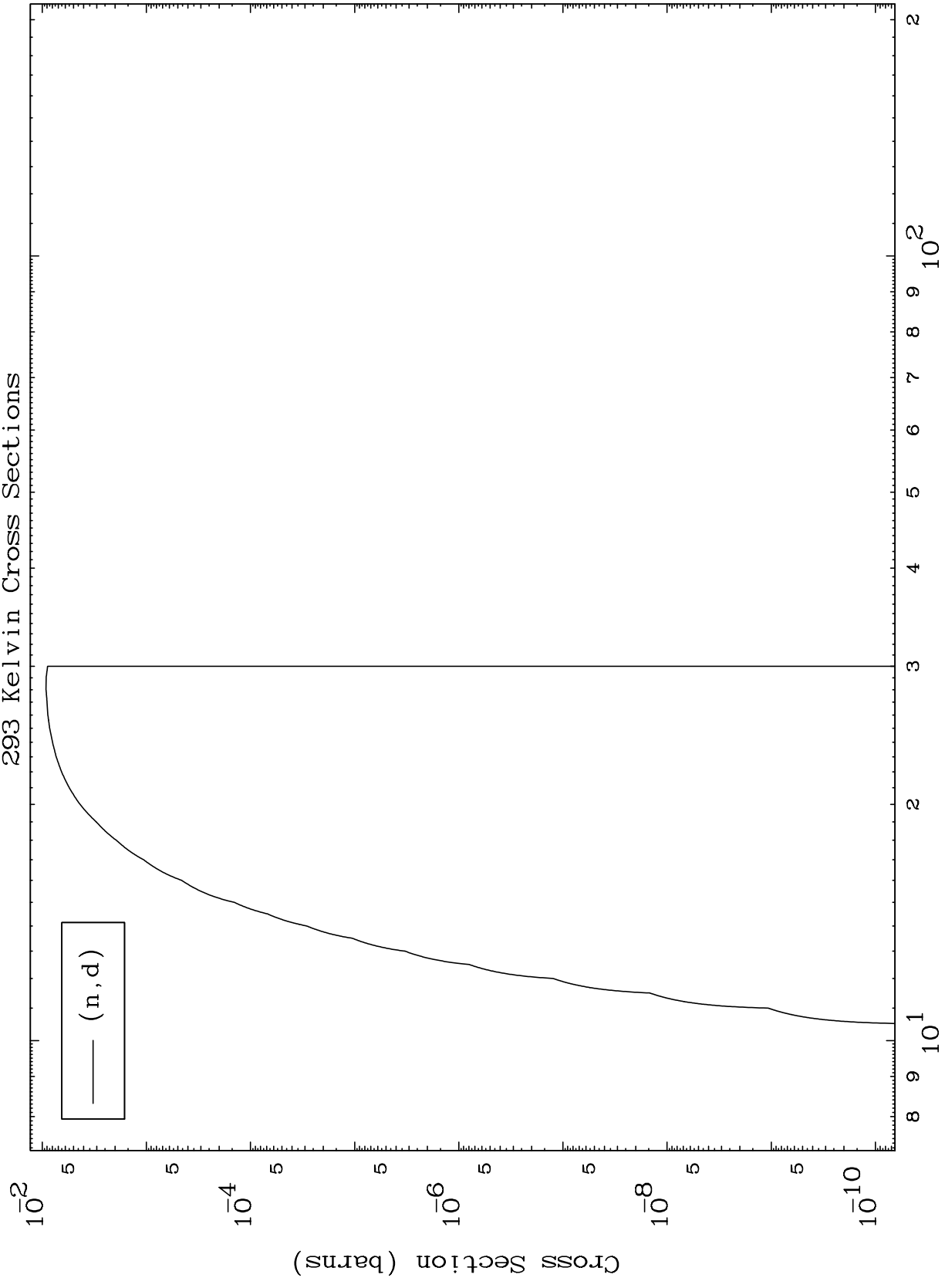
Incident Energy (MeV)

49-In-122

MAT 4953

(n,d) Levels
293 Kelvin Cross Sections

49-In-122



11

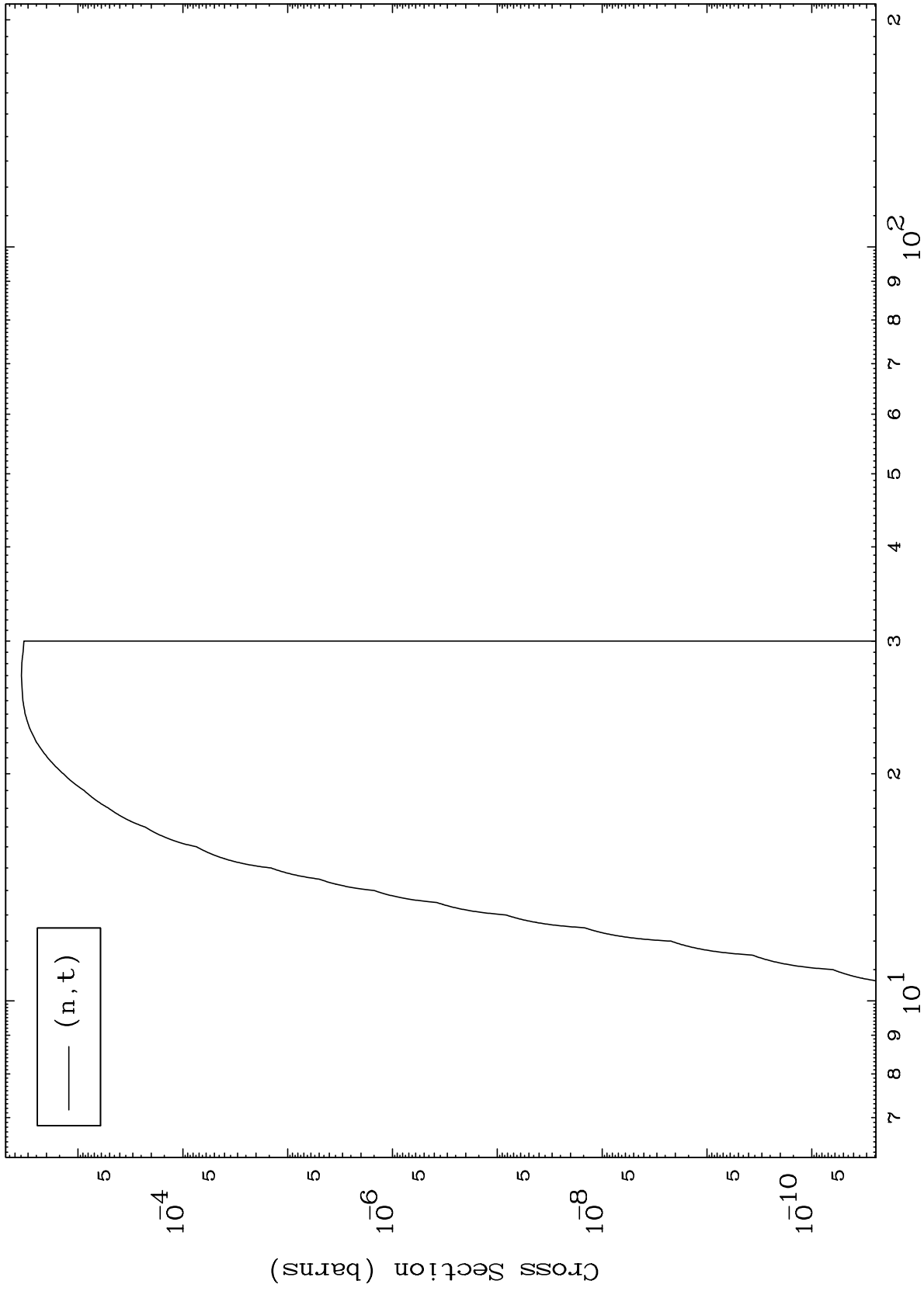
Incident Energy (MeV)

49-In-122

MAT 4953

(n,t) Levels
293 Kelvin Cross Sections

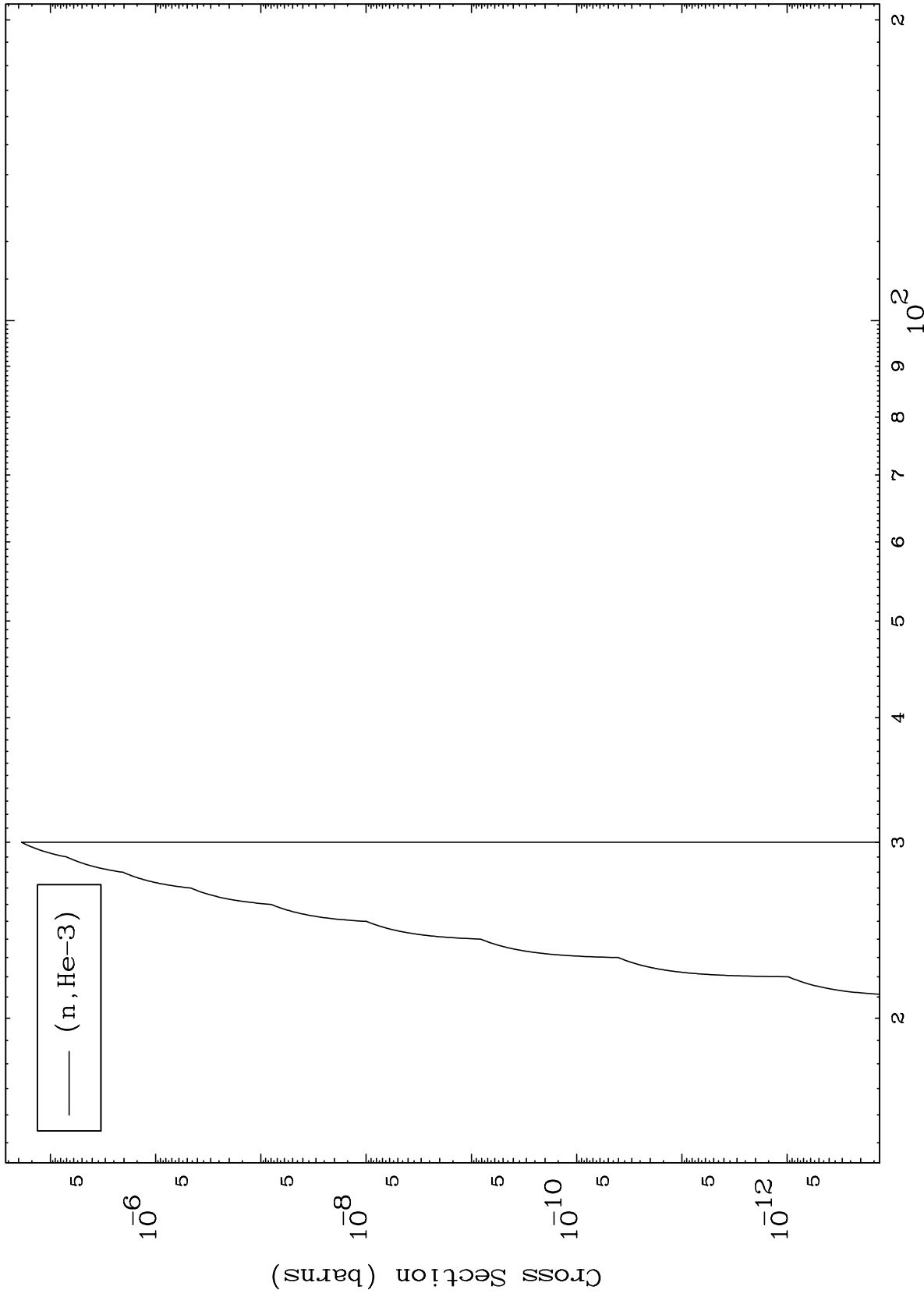
49-In-122



12

Incident Energy (MeV)

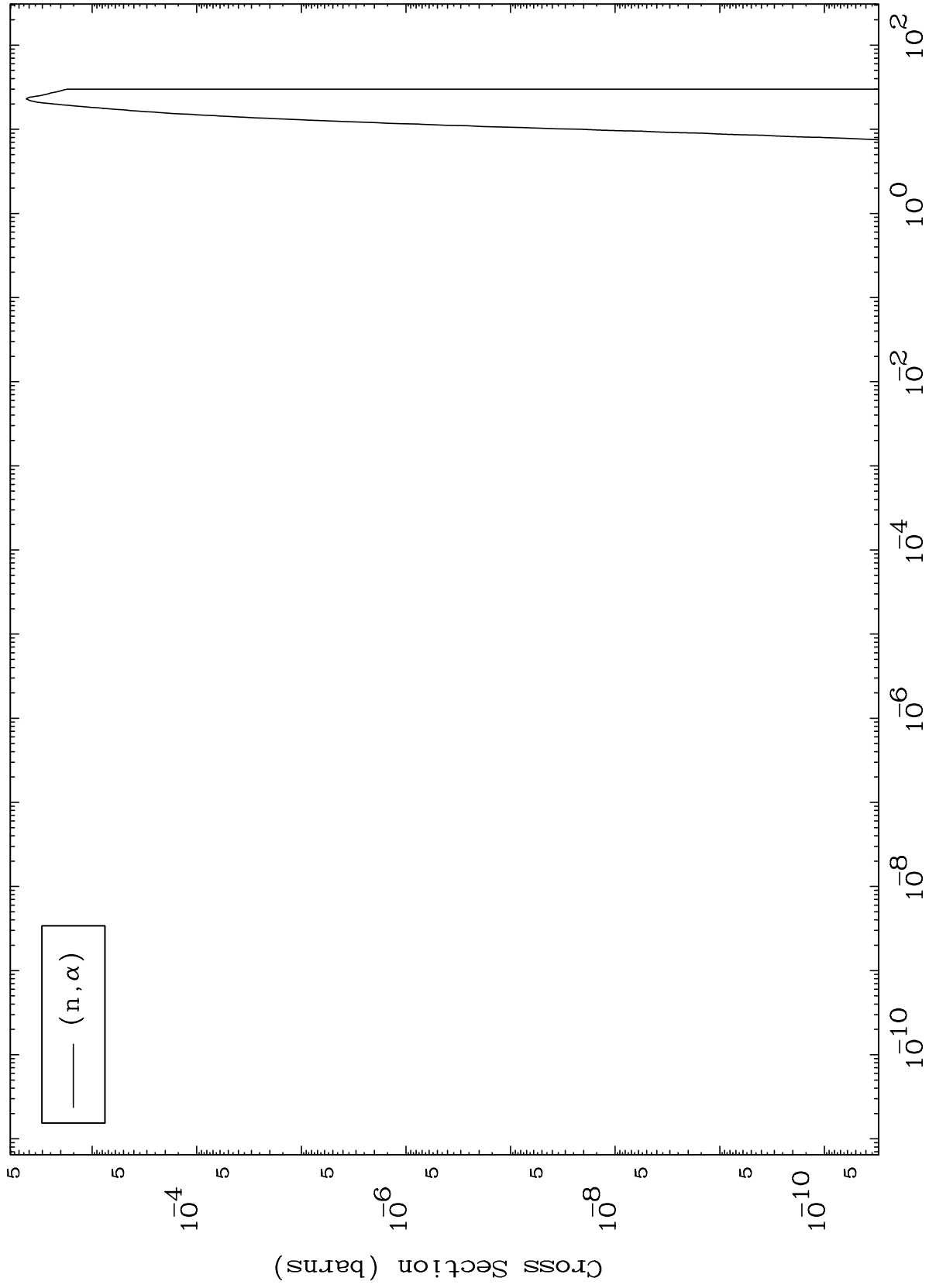
49-In-122

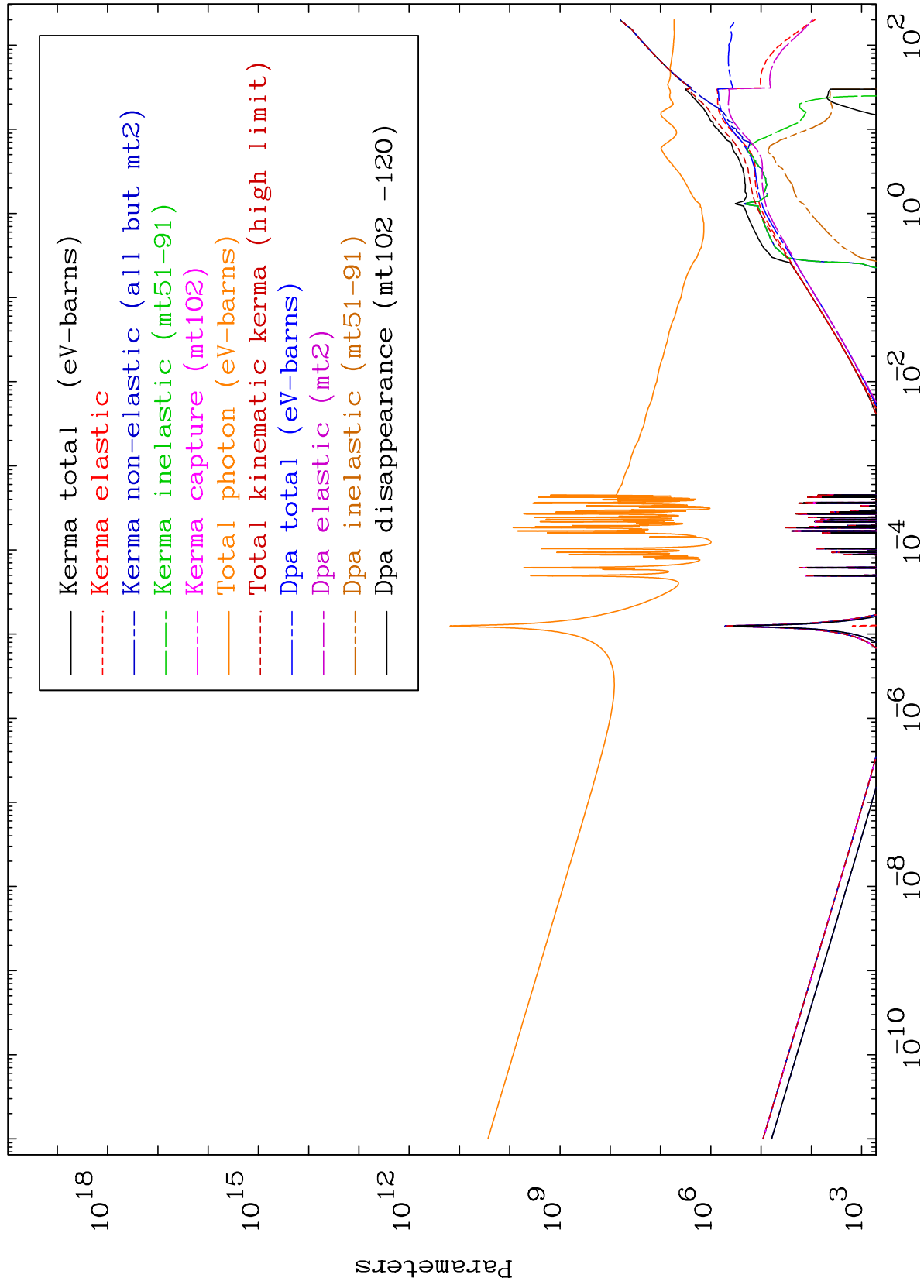


MAT 4953

(n,α) Levels
293 Kelvin Cross Sections

49-In-122





MAT 4953

Elastic Legendre Coefficients

49-In-122



16

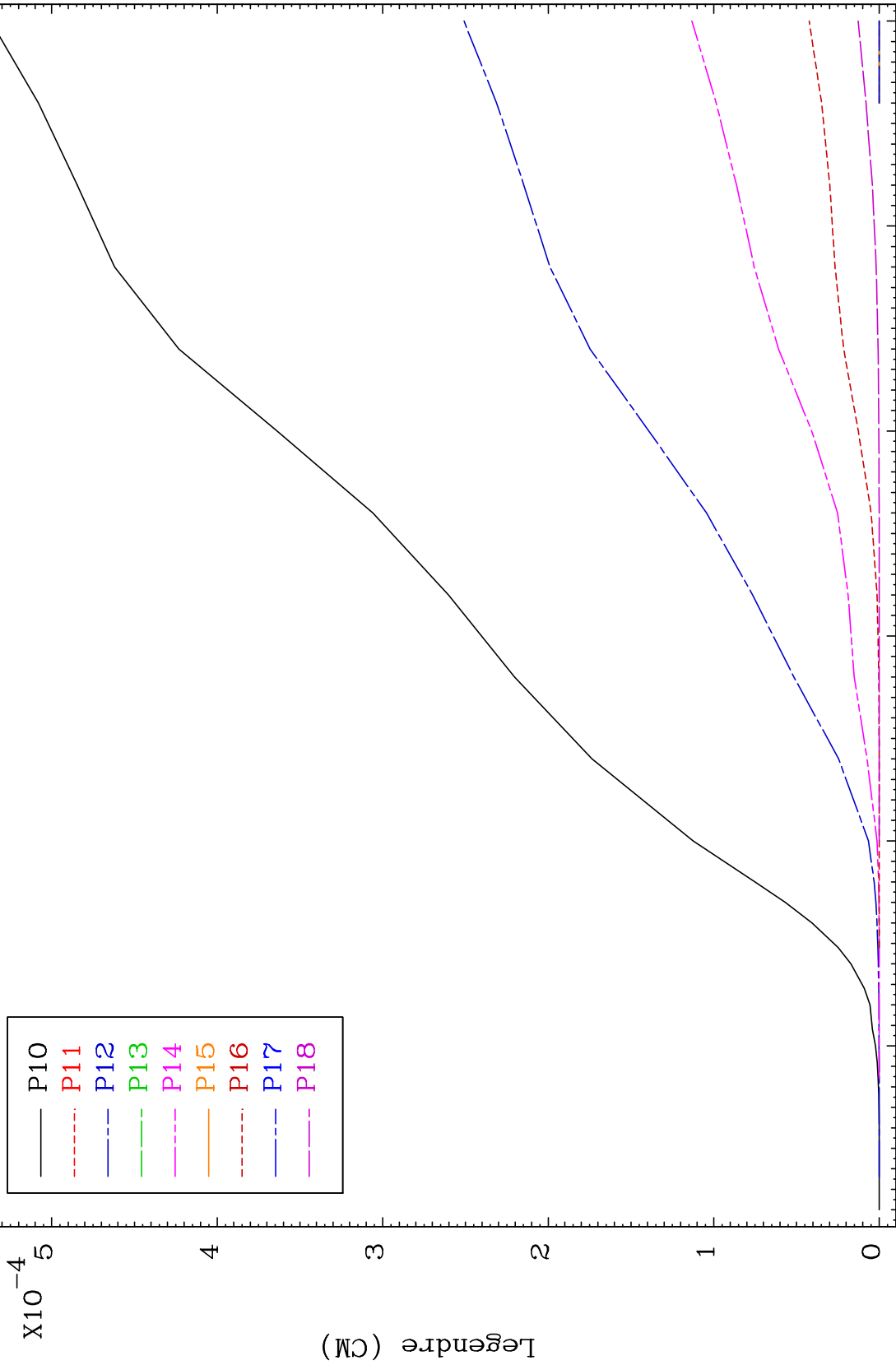
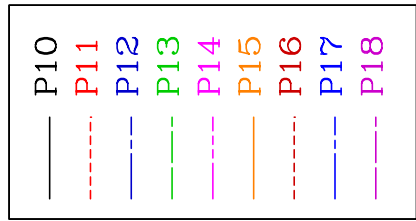
Incident Energy (MeV)

49-In-122

MAT 4953

Elastic Legendre Coefficients

49-In-122



17

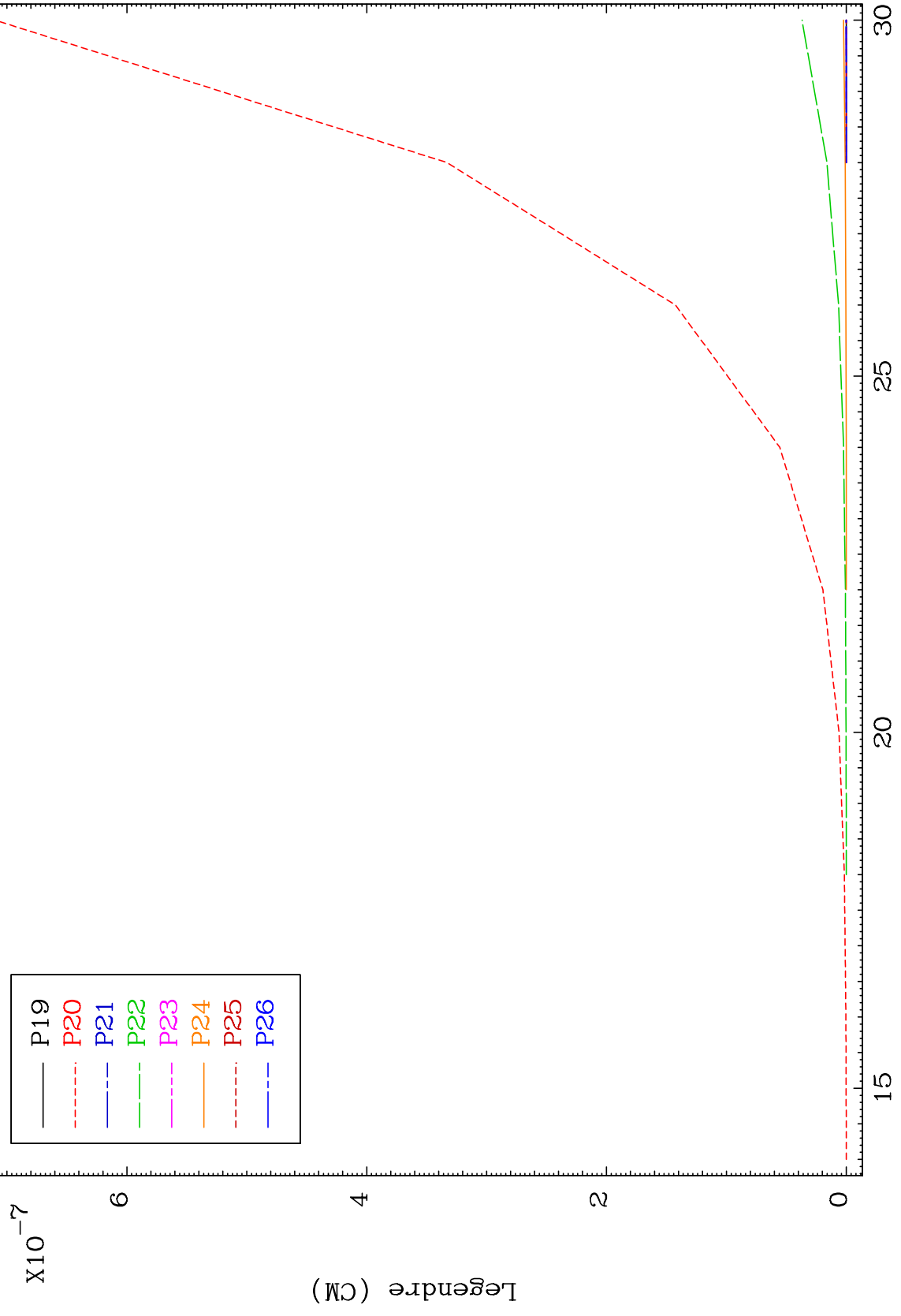
Incident Energy (MeV)

49-In-122

MAT 4953

Elastic Legendre Coefficients

49-In-122



18

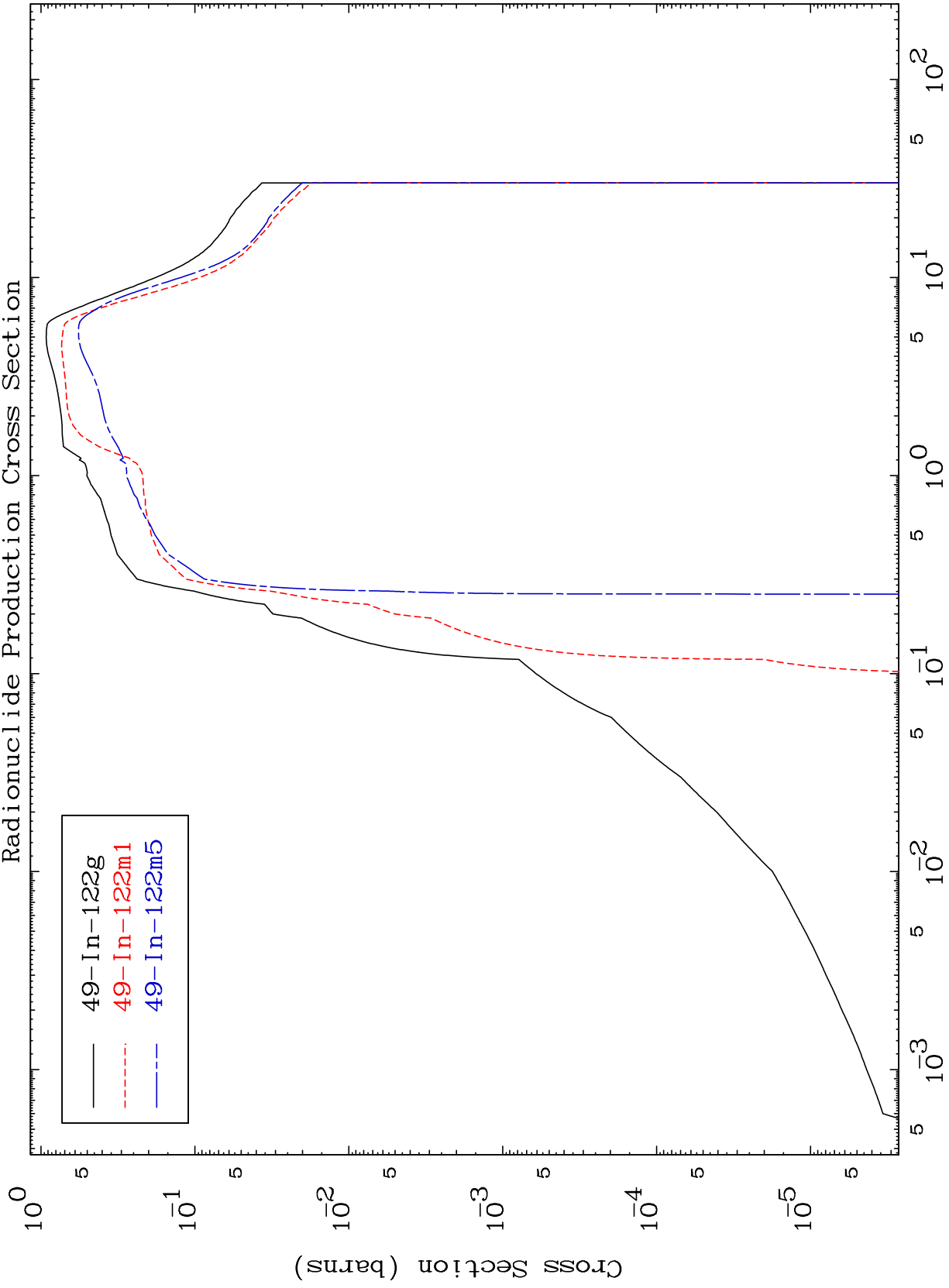
Incident Energy (MeV)

49-In-122

MAT 4953

49-In-122

Inelastic
Radionuclide Production Cross Section



19

Incident Energy (MeV)

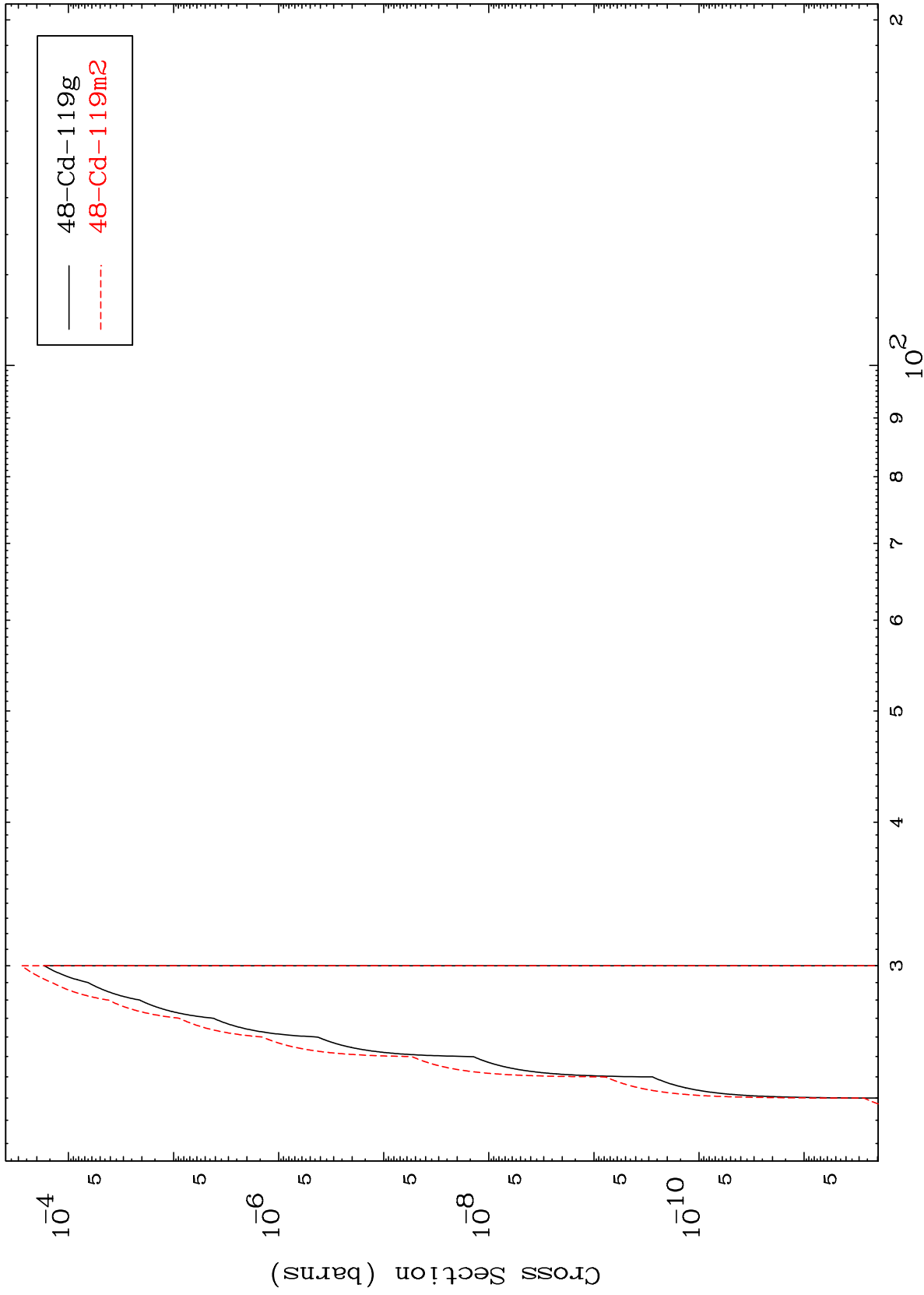
49-In-122

MAT 4953

(n,2n) d

49-In-122

Radionuclide Production Cross Section



20

Incident Energy (MeV)

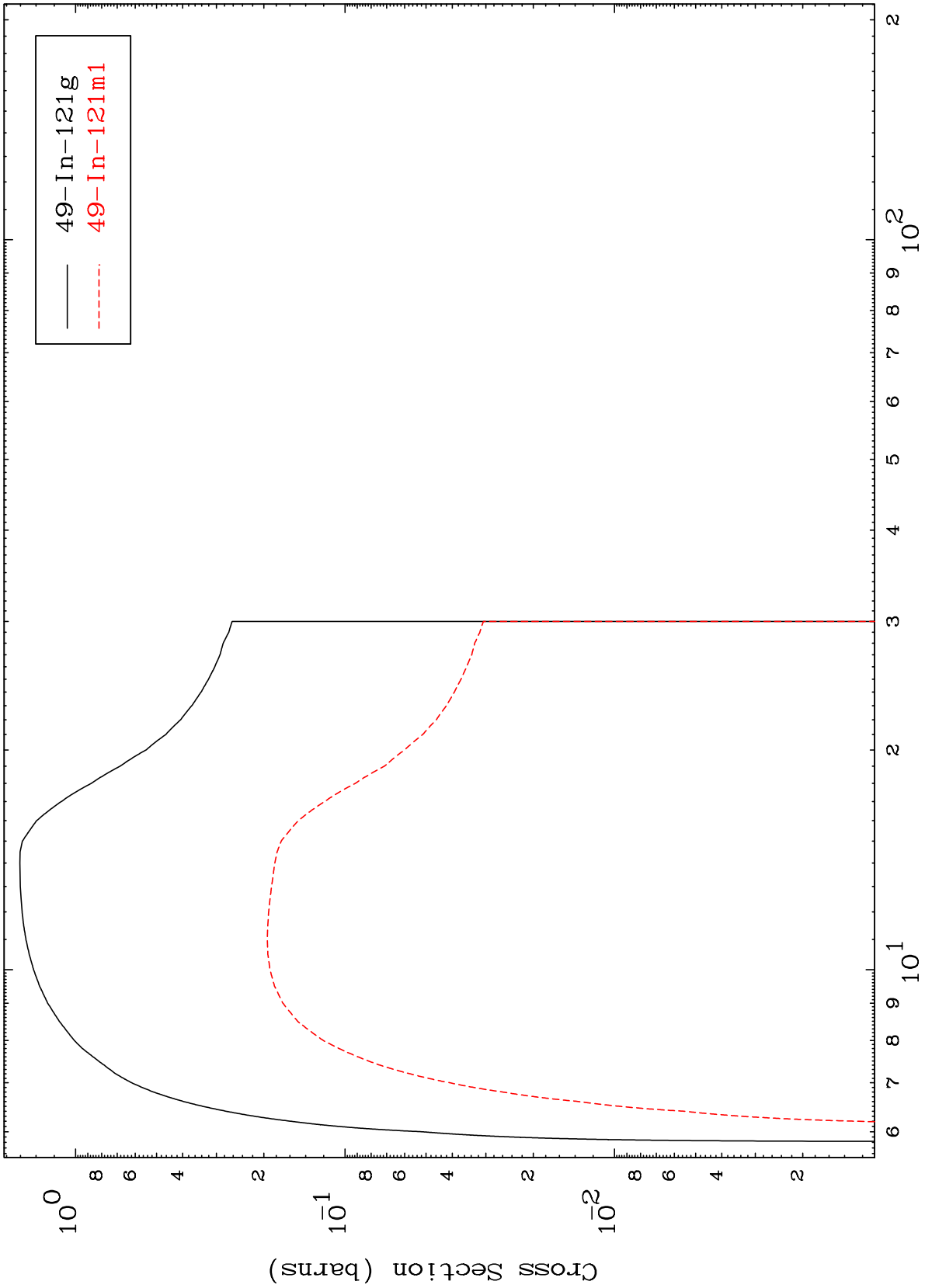
49-In-122

MAT 4953

(n,2n)

49-In-122

Radionuclide Production Cross Section



21

Incident Energy (MeV)

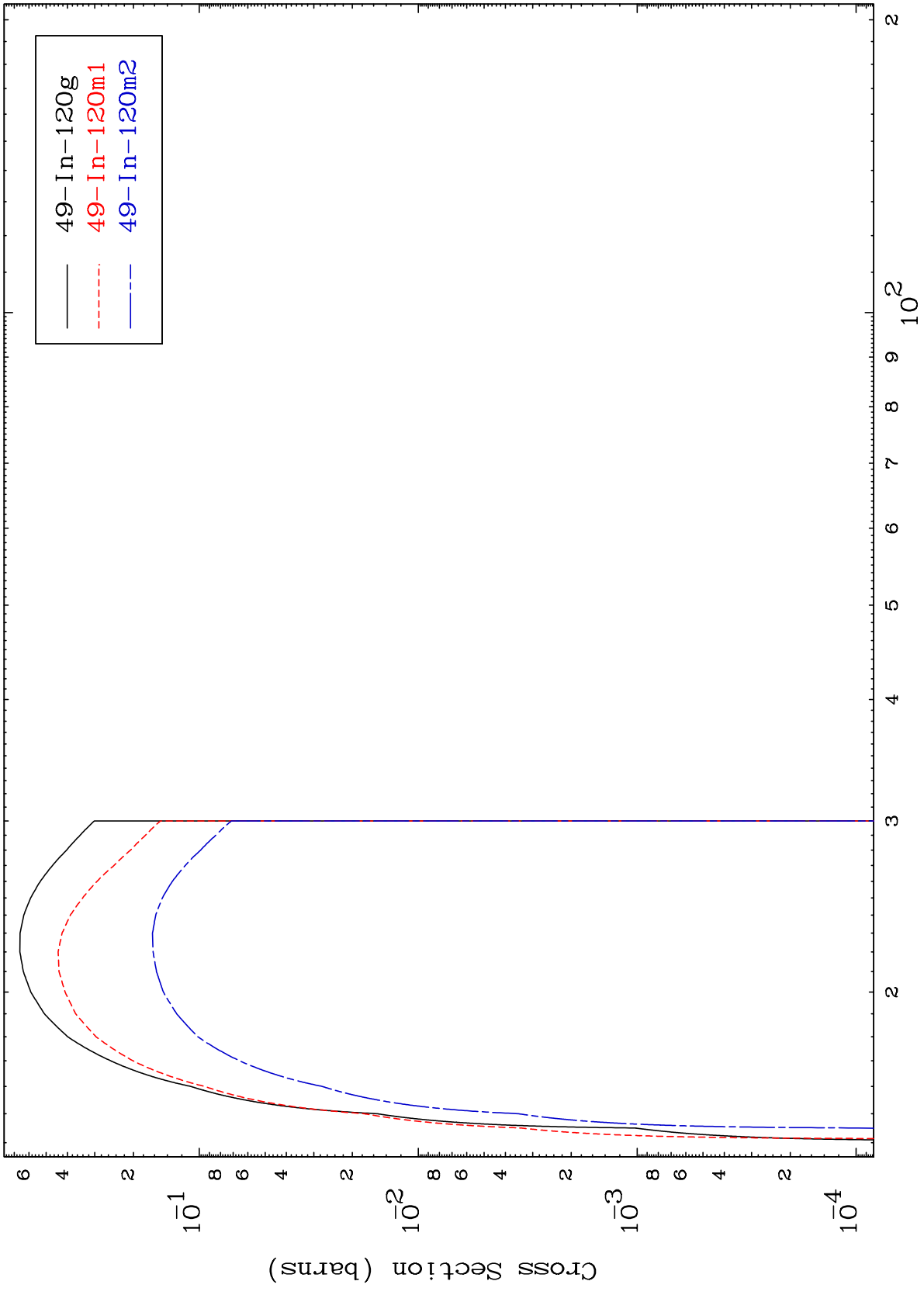
49-In-122

MAT 4953

(n,3n)

49-In-122

Radionuclide Production Cross Section



22

Incident Energy (MeV)

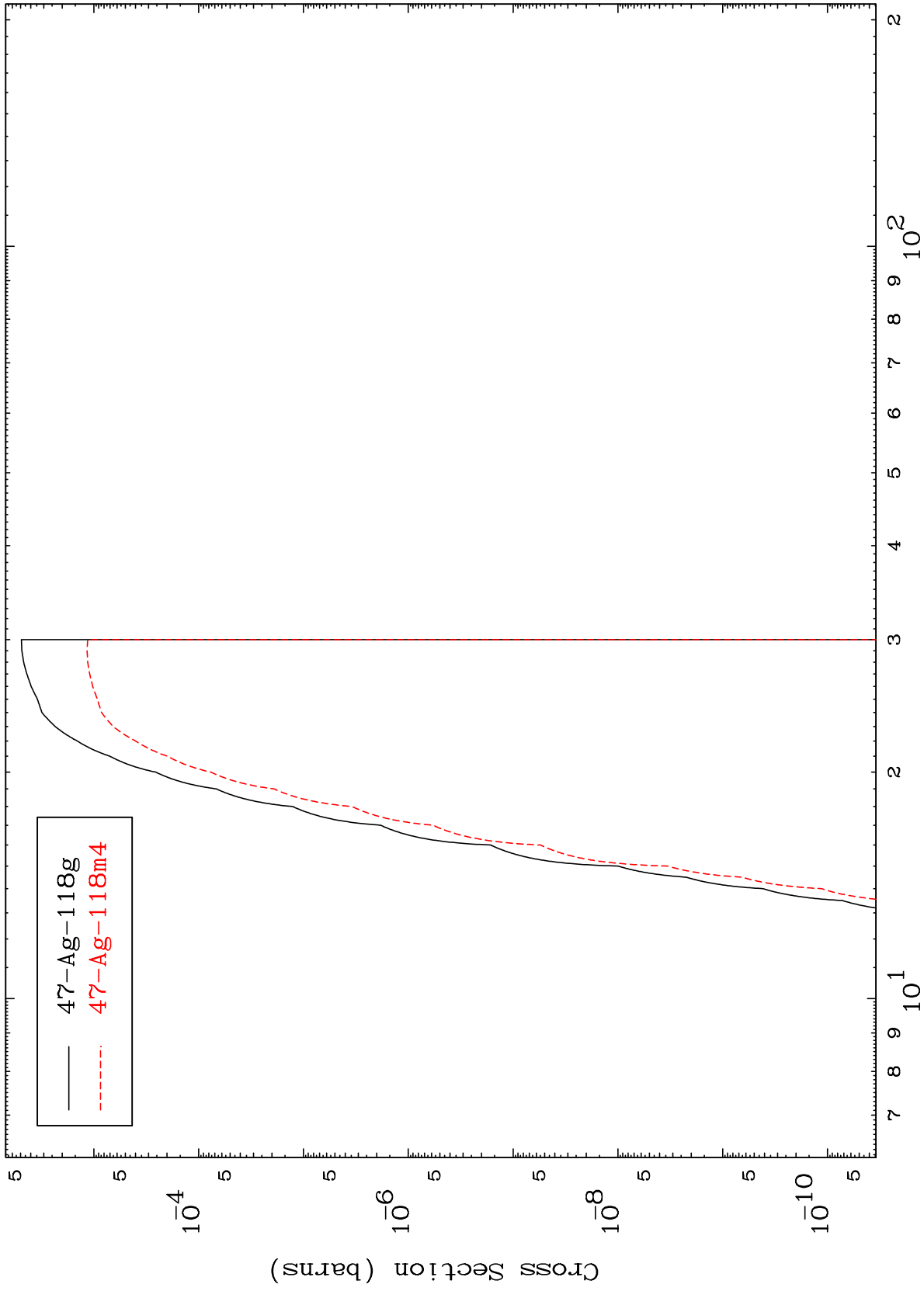
49-In-122

MAT 4953

(n,n') α

49-In-122

Radionuclide Production Cross Section



23

Incident Energy (MeV)

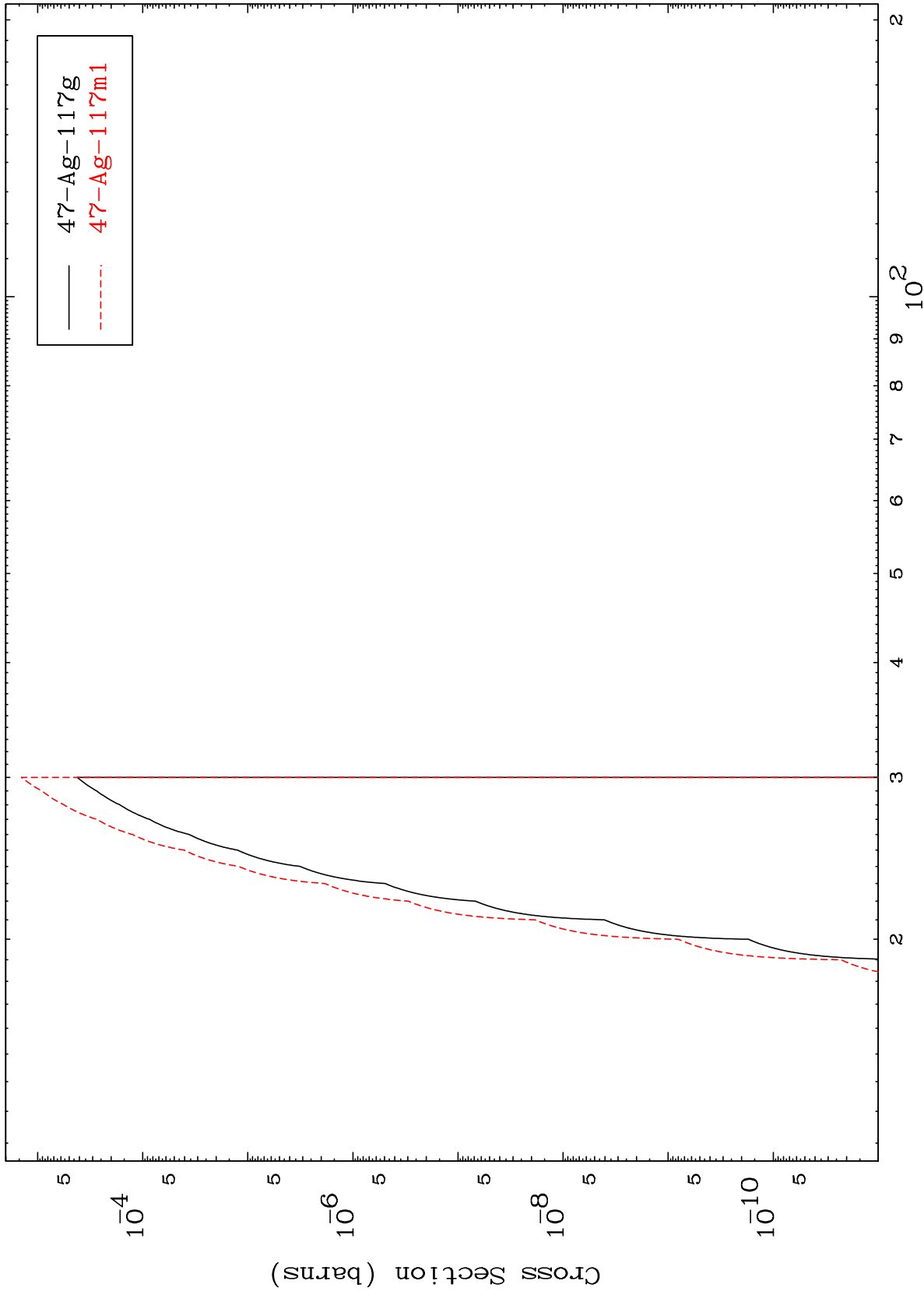
49-In-122

MAT 4953

(n,2n) α

49-In-122

Radionuclide Production Cross Section



24

Incident Energy (MeV)

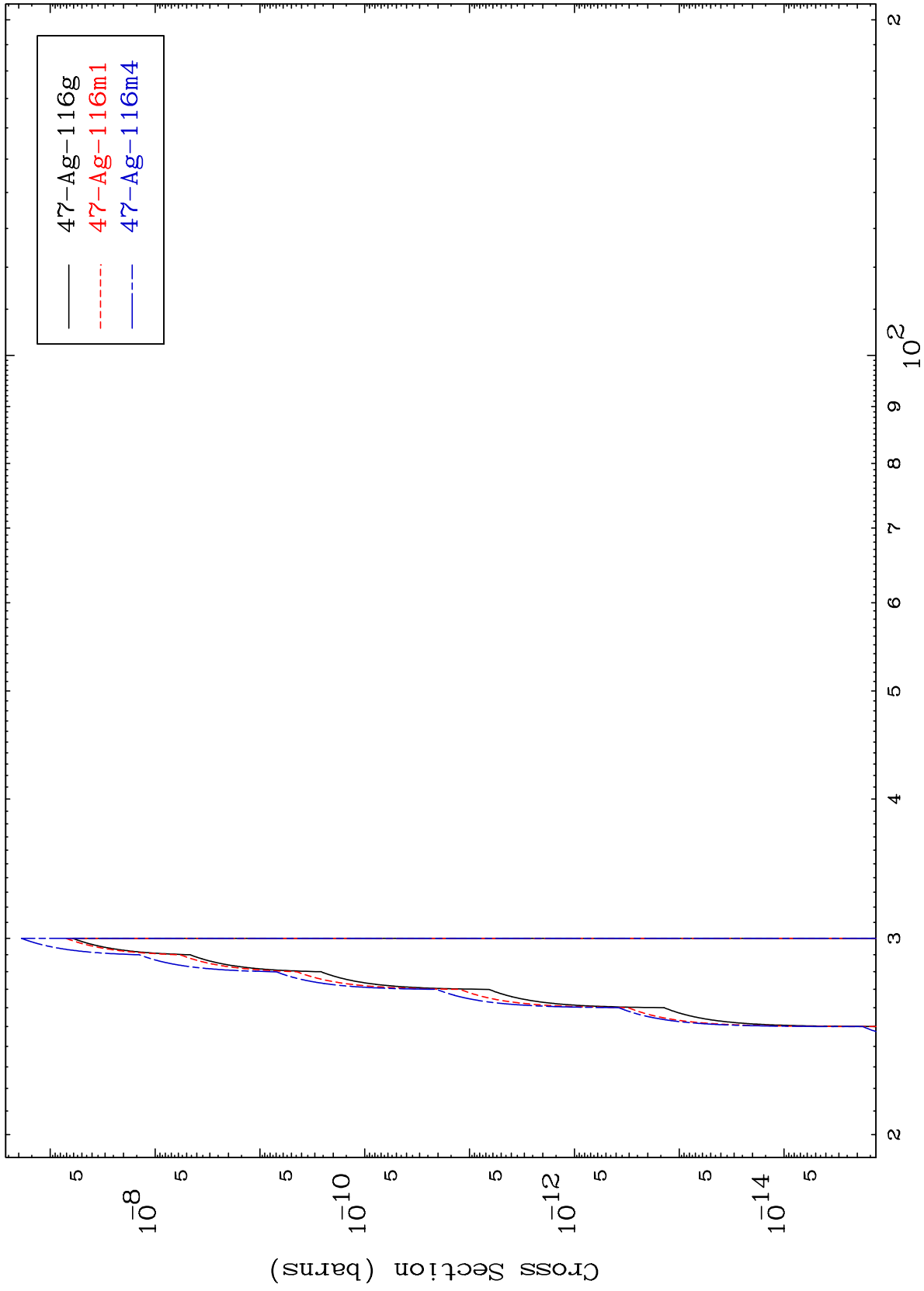
49-In-122

MAT 4953

(n,3n) α

49-In-122

Radionuclide Production Cross Section



25

Incident Energy (MeV)

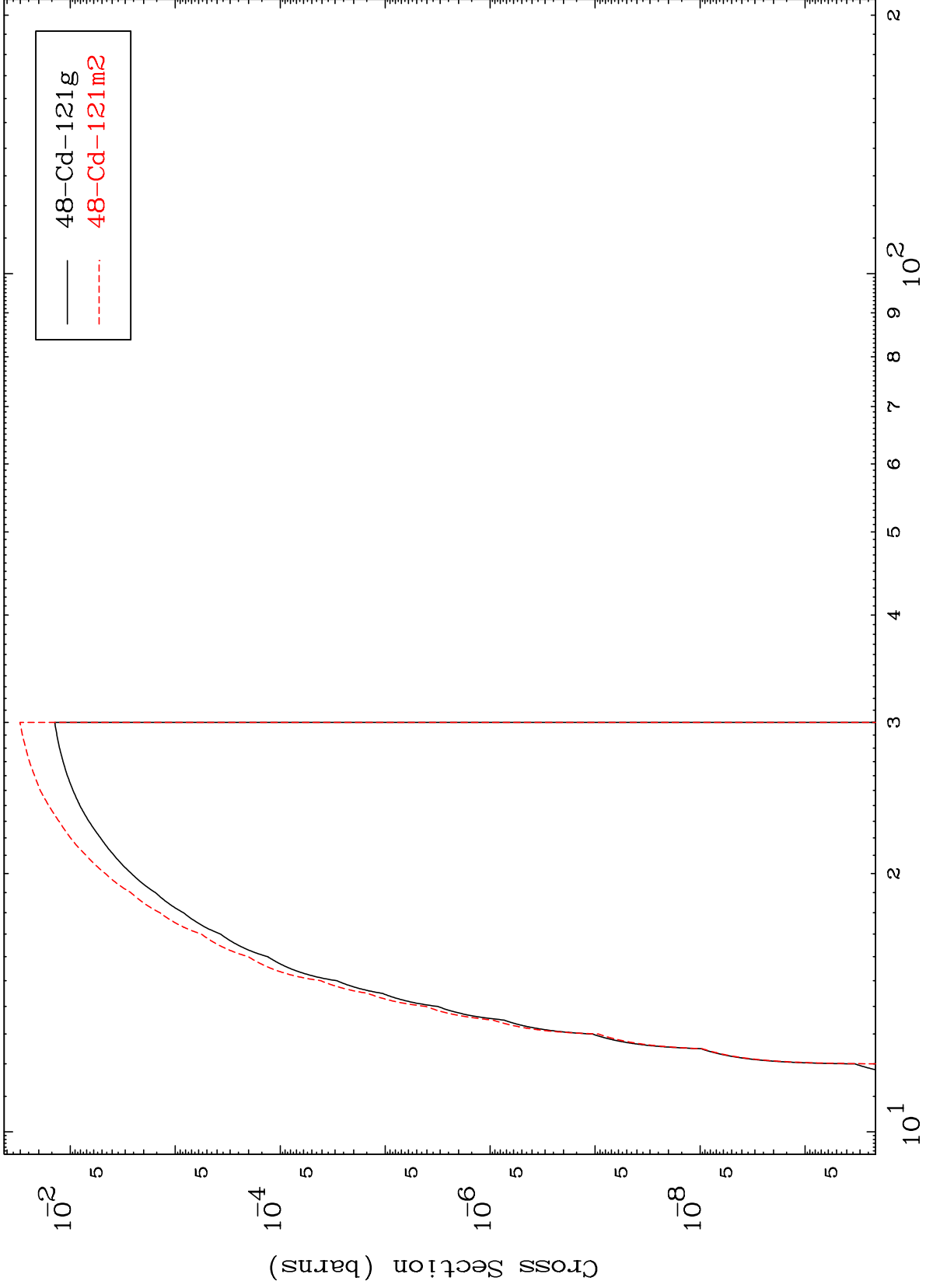
49-In-122

MAT 4953

(n,n') p

49-In-122

Radionuclide Production Cross Section



26

Incident Energy (MeV)

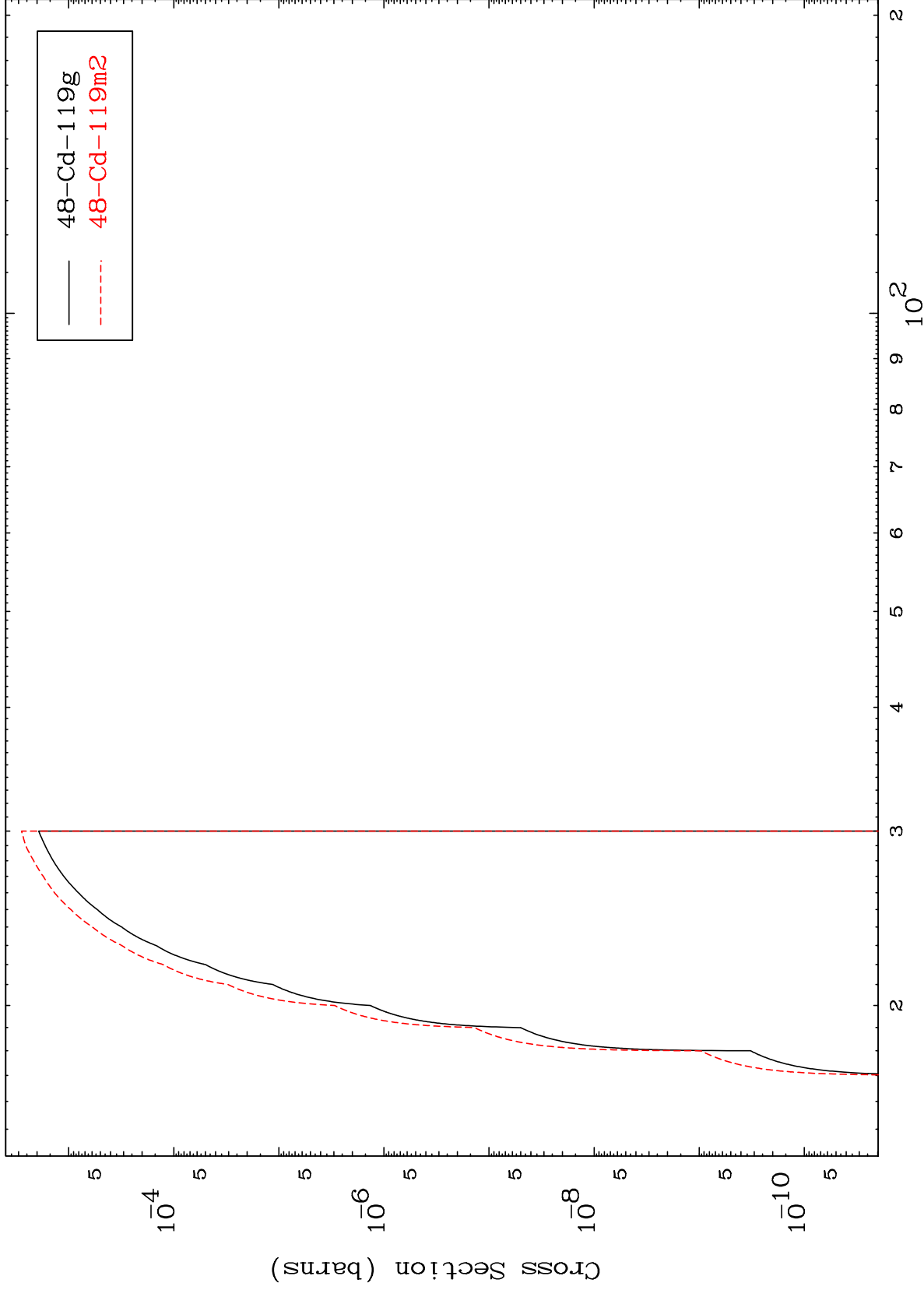
49-In-122

MAT 4953

(n,n') t

49-In-122

Radionuclide Production Cross Section



27

Incident Energy (MeV)

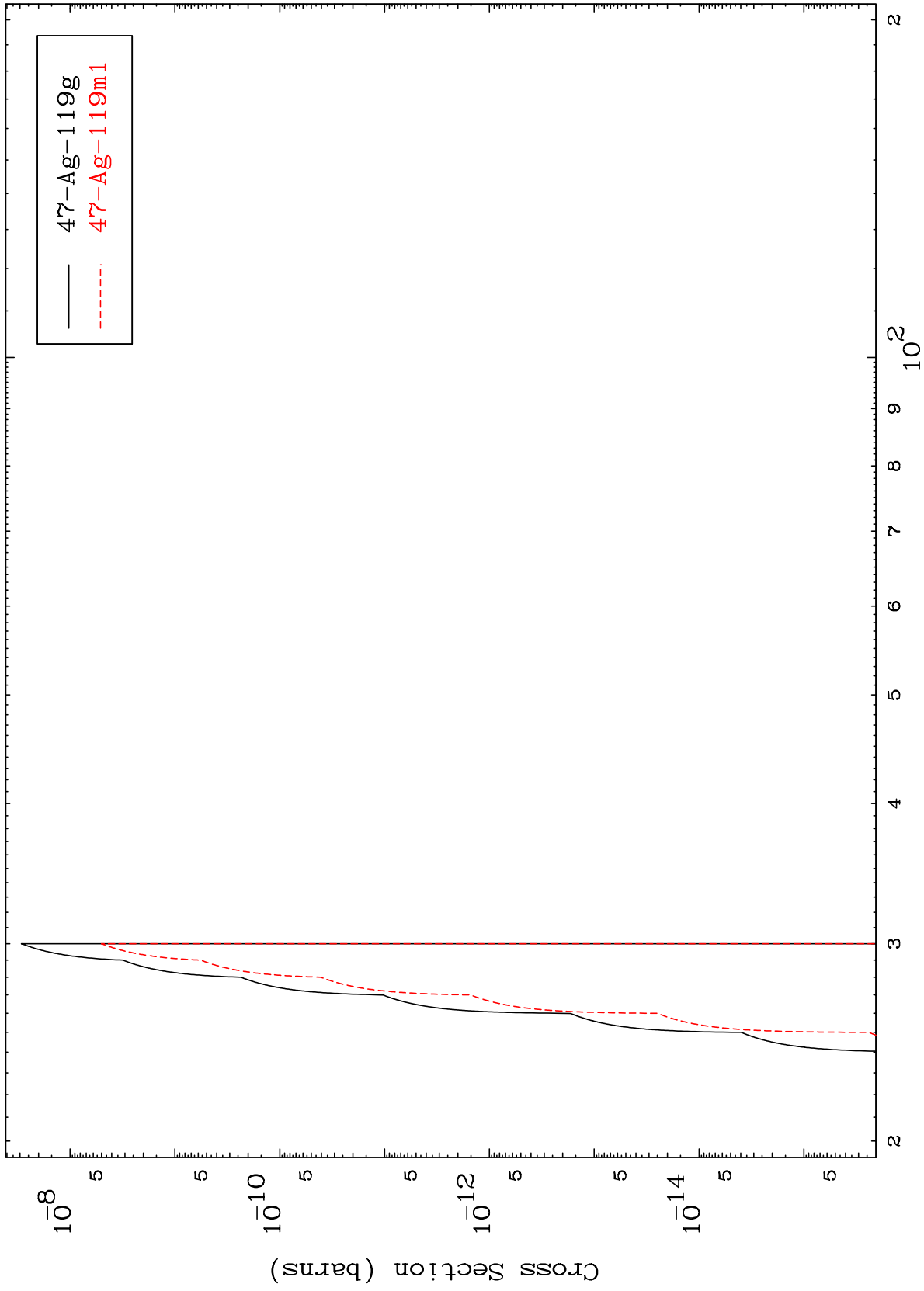
49-In-122

MAT 4953

(n, n') He-3

49-In-122

Radionuclide Production Cross Section



28

Incident Energy (MeV)

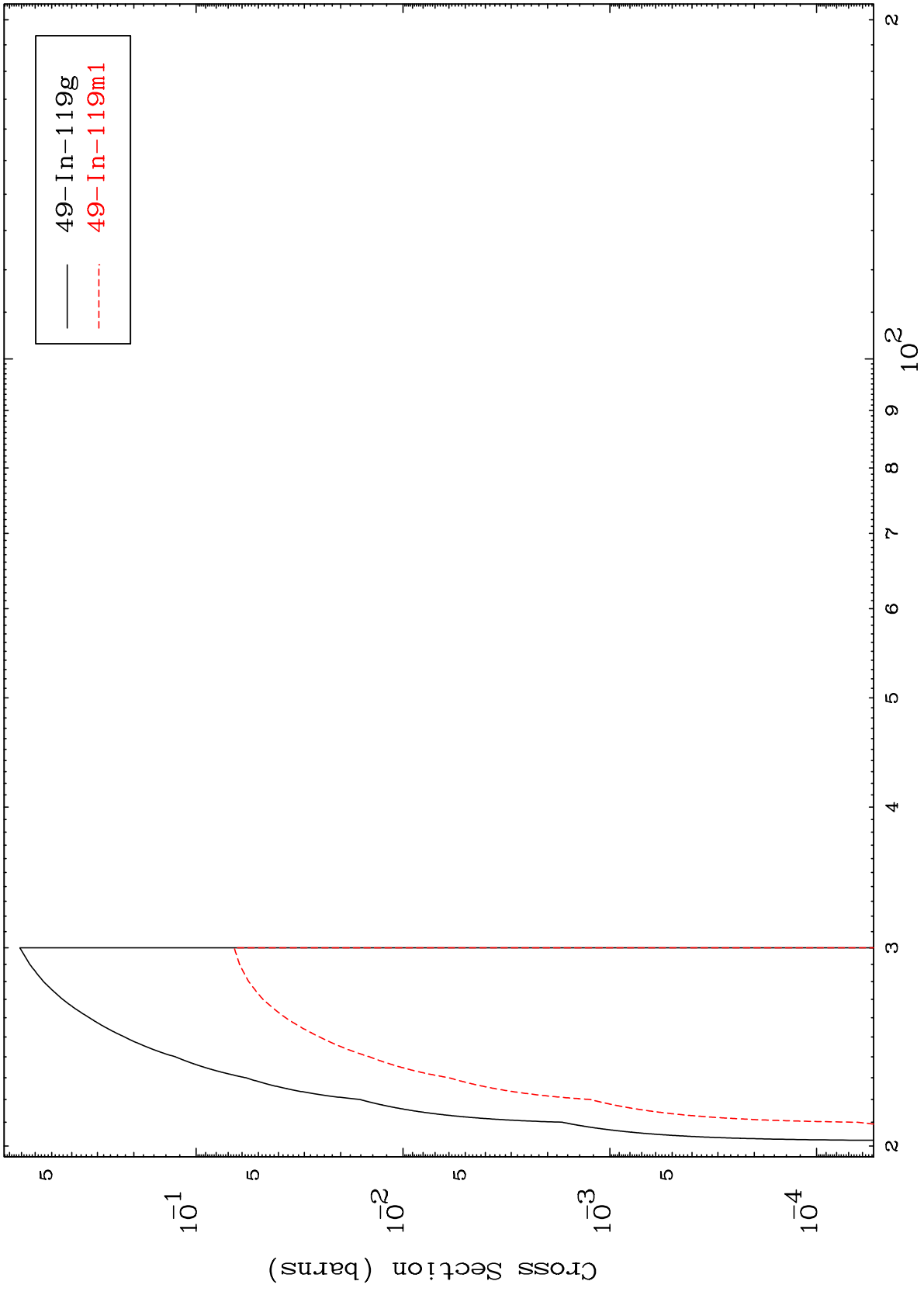
49-In-122

MAT 4953

(n,4n)

49-In-122

Radionuclide Production Cross Section



29

Incident Energy (MeV)

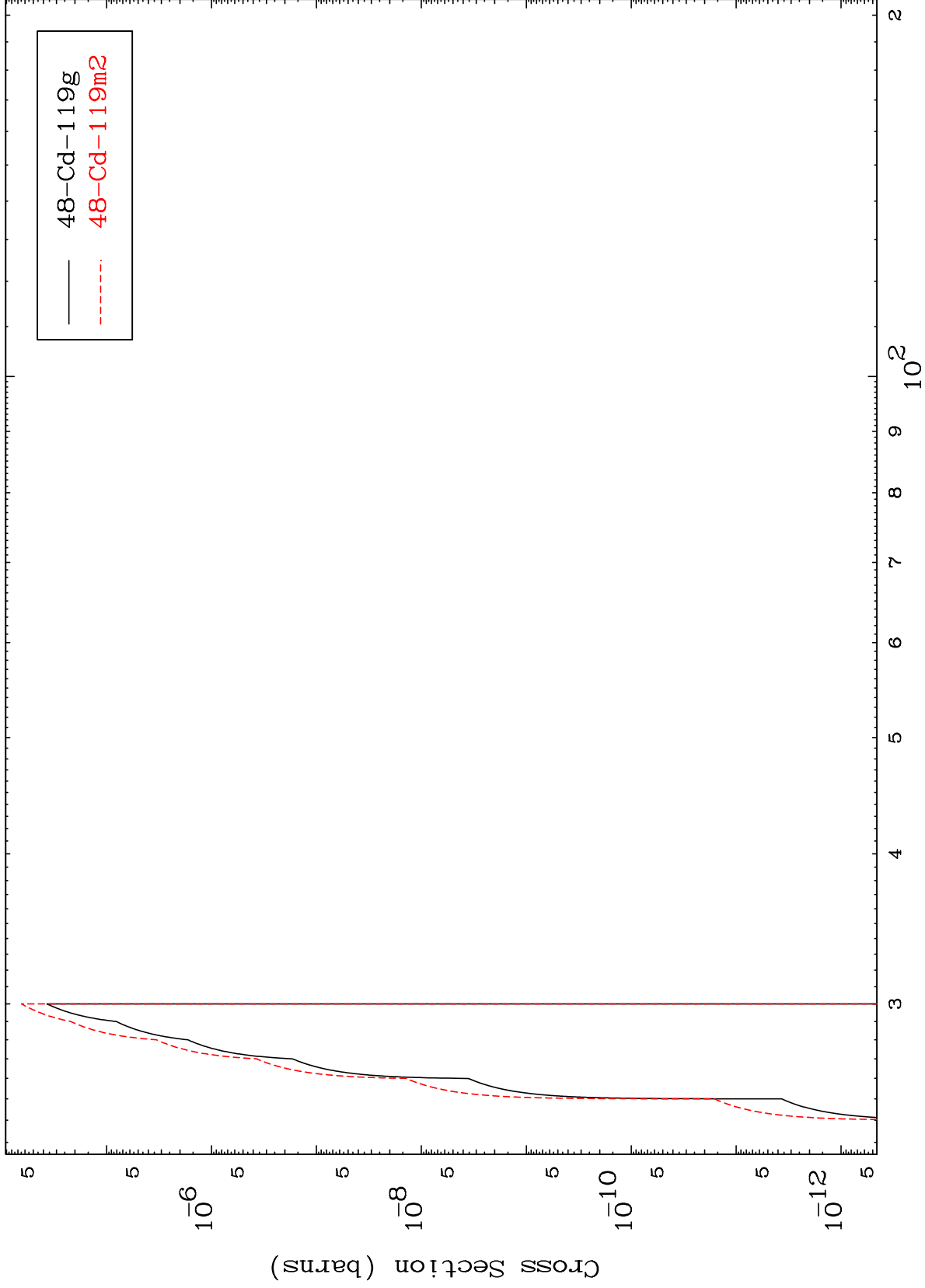
49-In-122

MAT 4953

(n,3n) p

49-In-122

Radionuclide Production Cross Section



30

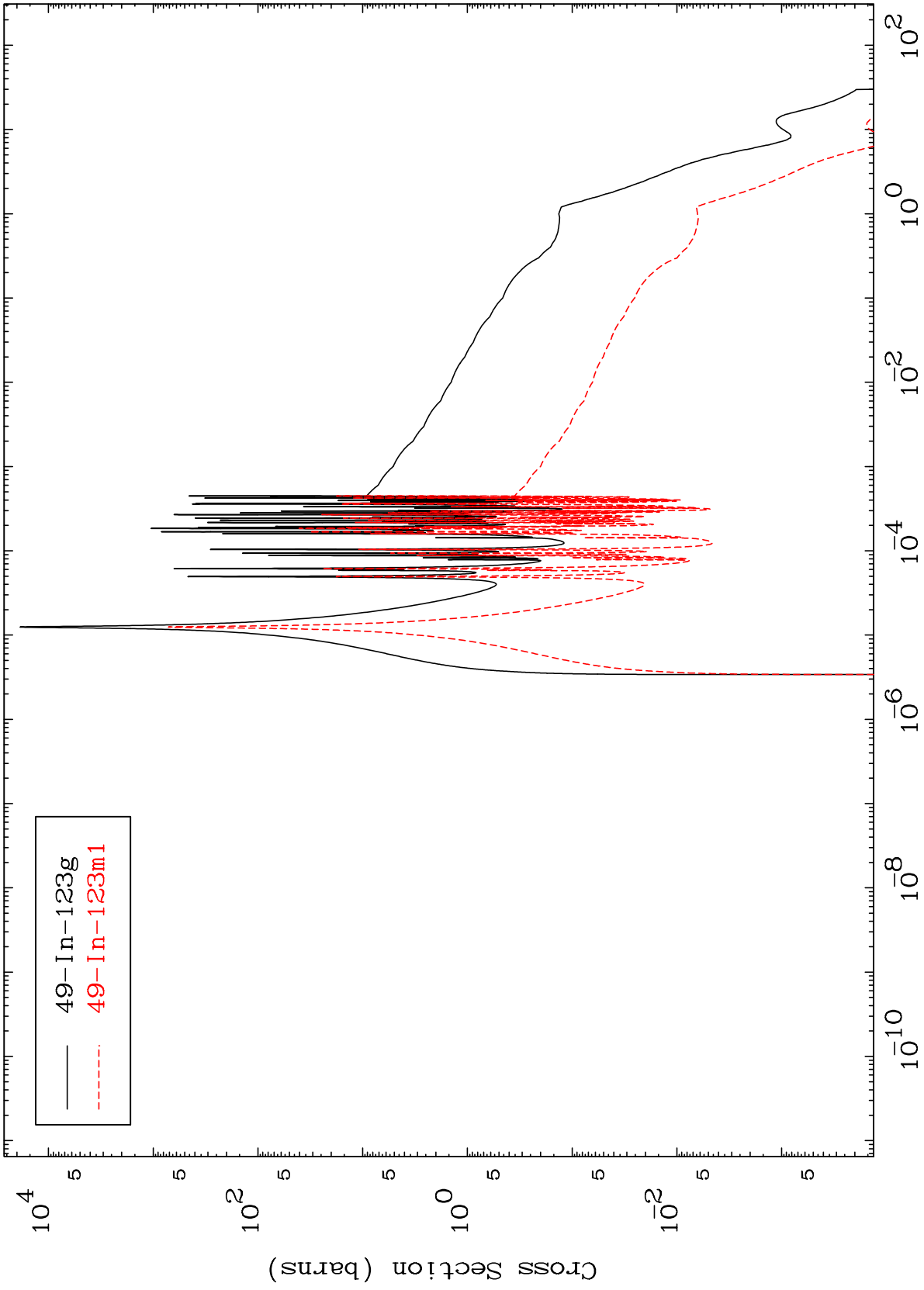
Incident Energy (MeV)

49-In-122

MAT 4953

49-In-122

Radionuclide Production Cross Section (n,γ)

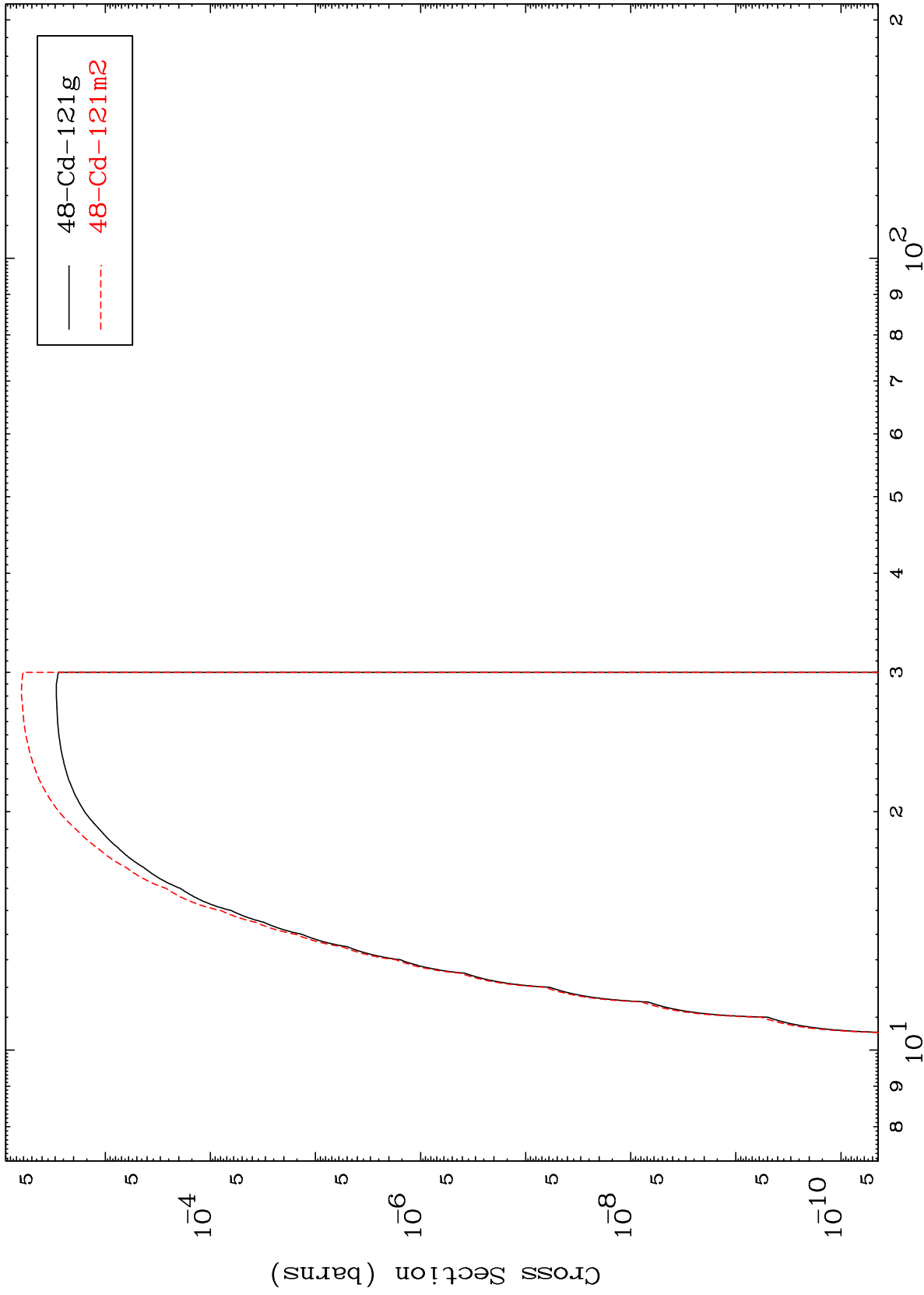


49-In-122

MAT 4953

49-In-122

(n,d)
Radionuclide Production Cross Section



32

Incident Energy (MeV)

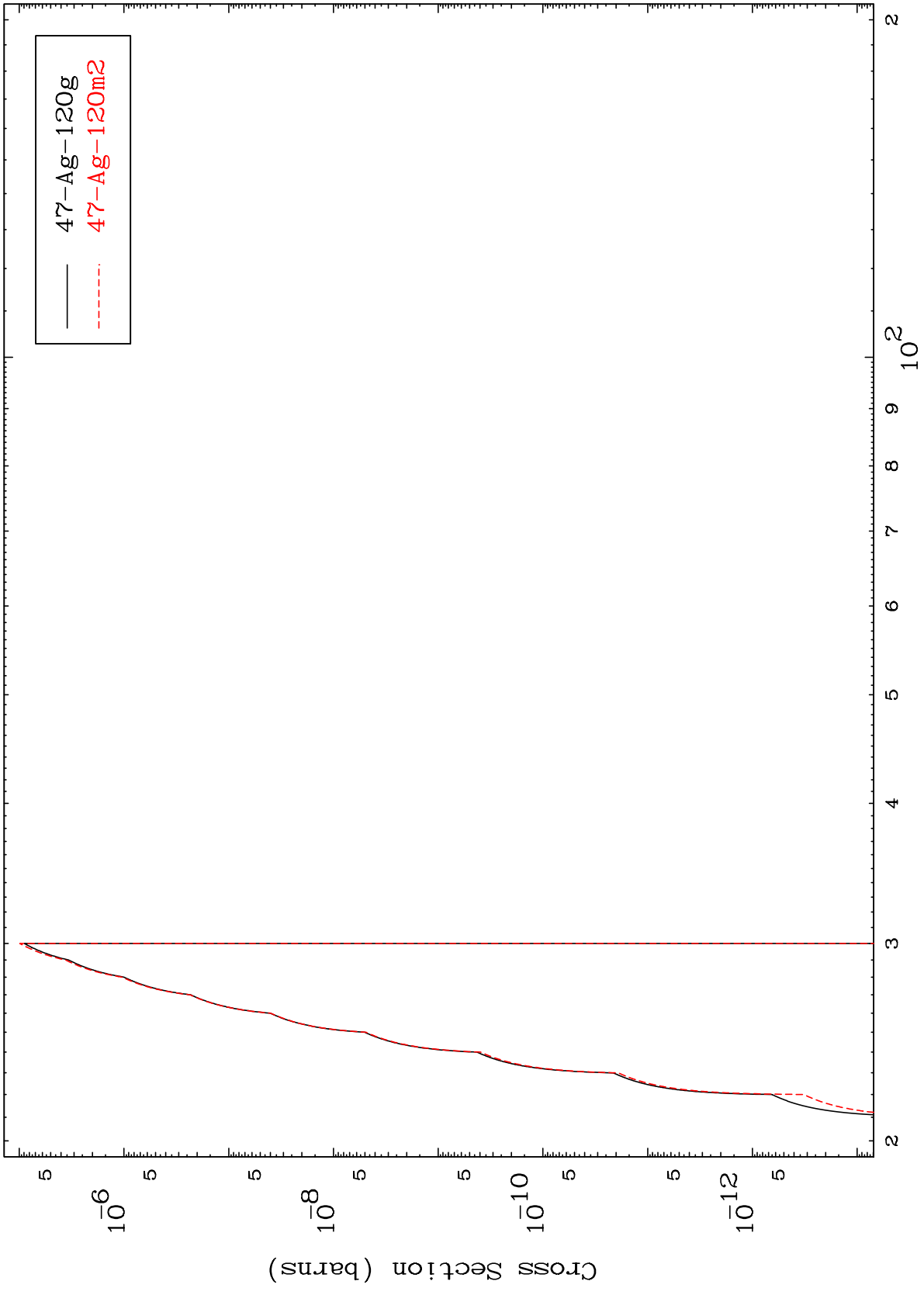
49-In-122

MAT 4953

(n,He-3)

49-In-122

Radionuclide Production Cross Section



33

Incident Energy (MeV)

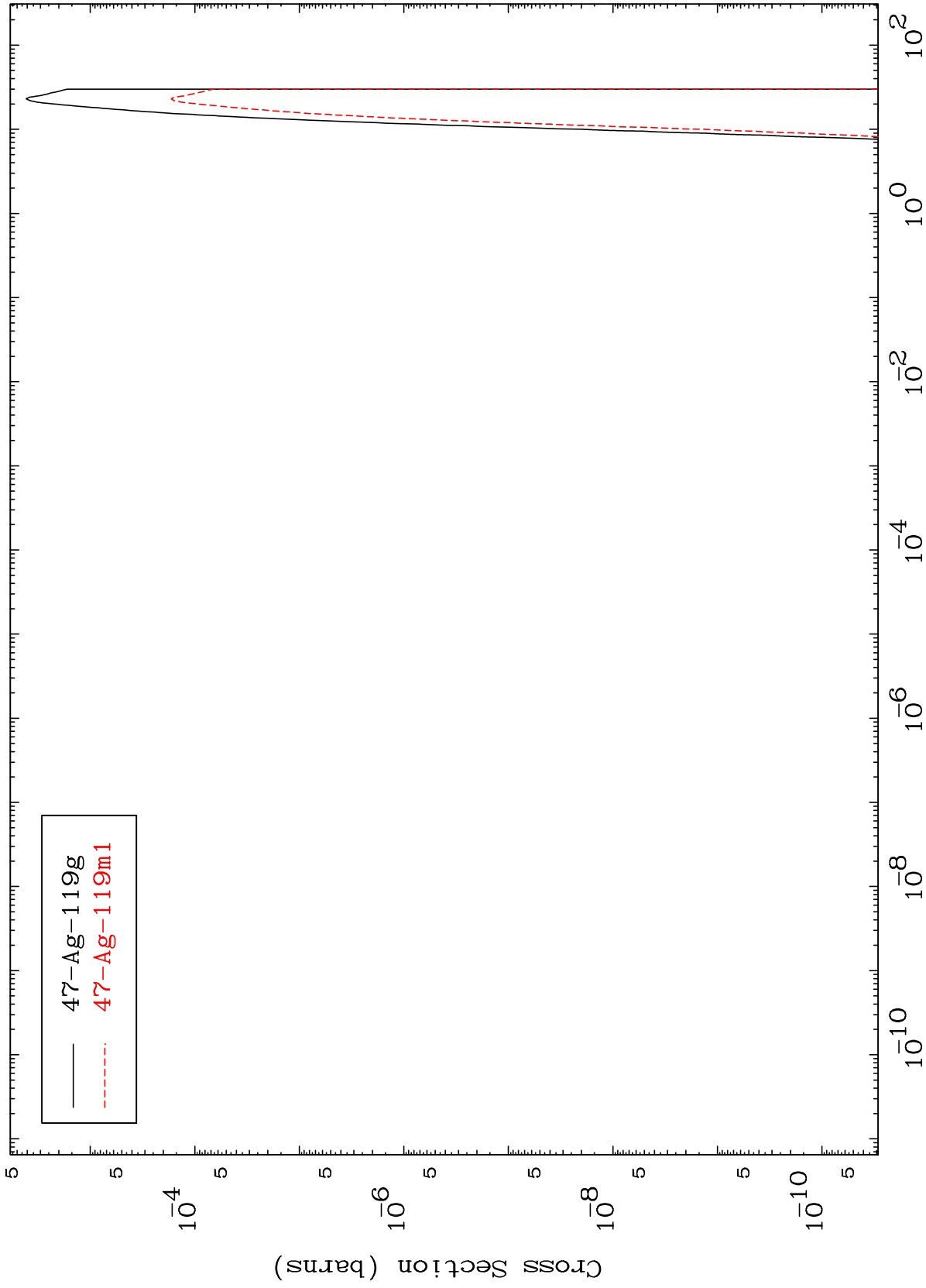
49-In-122

MAT 4953

(n, α)

49-In-122

Radionuclide Production Cross Section



47-Ag-119g
47-Ag-119m1

34

Incident Energy (MeV)

49-In-122