

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

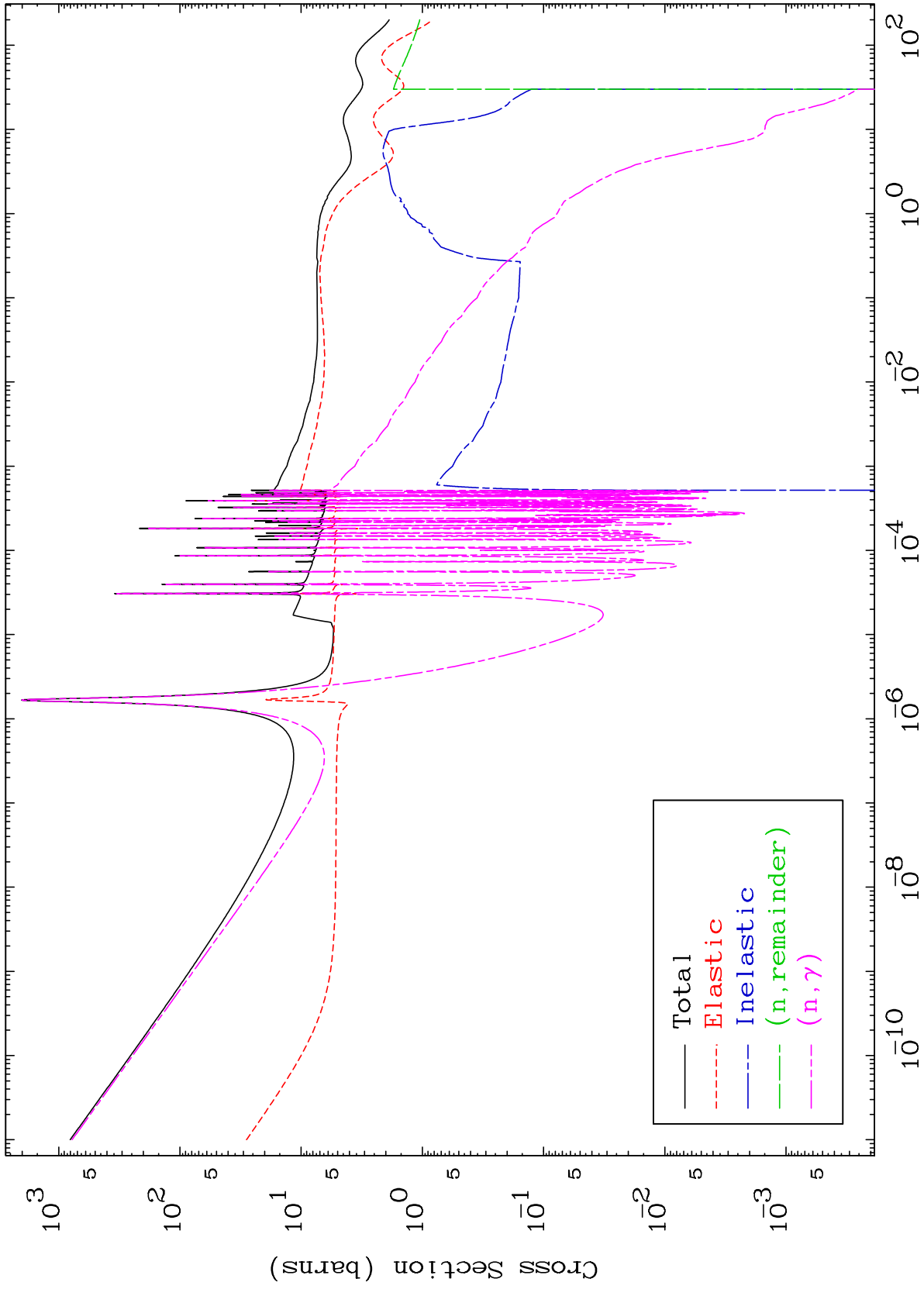
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E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

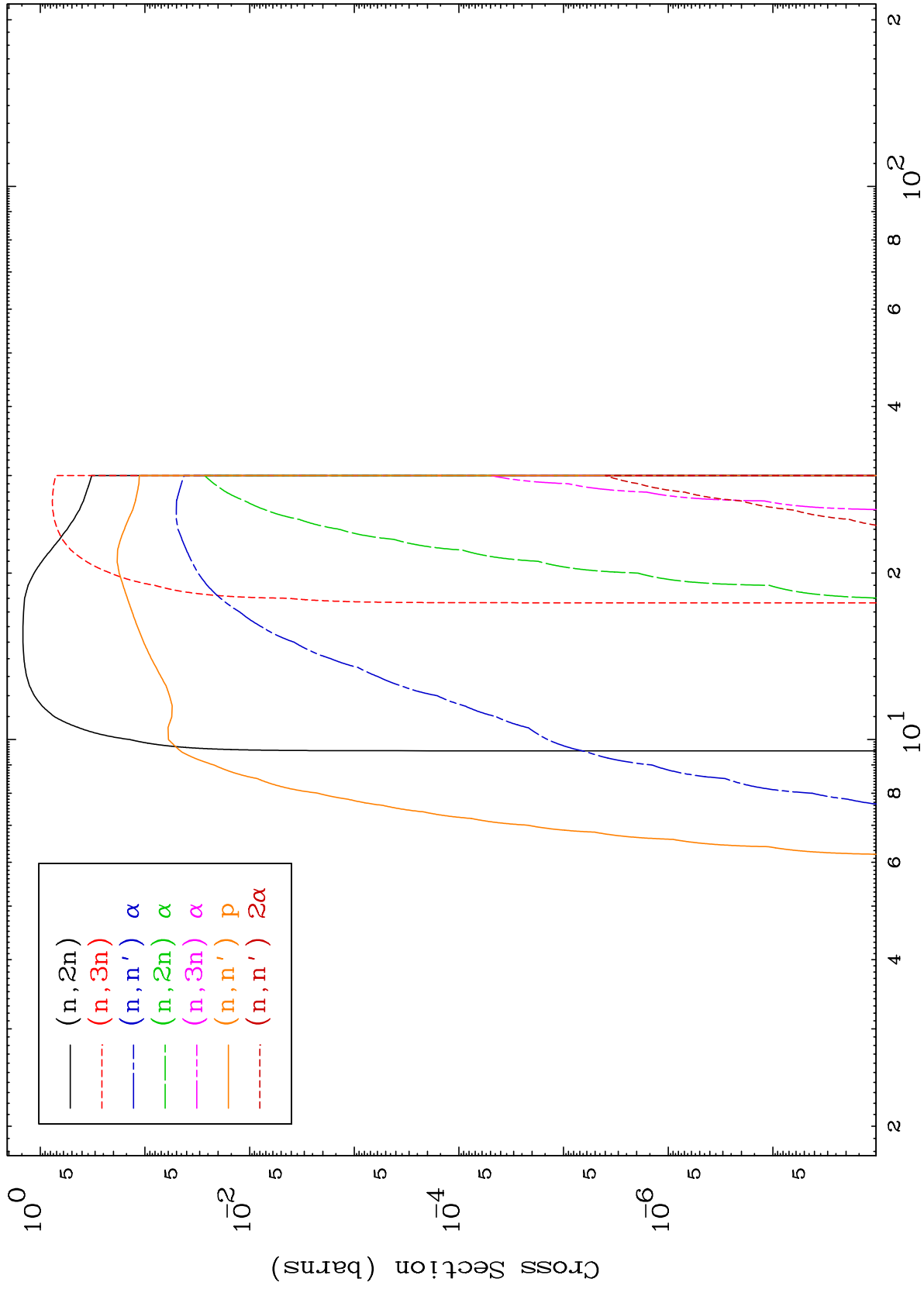
Press Mouse Button to Start



MAT 4920

Neutron Production 293 Kelvin Cross Sections

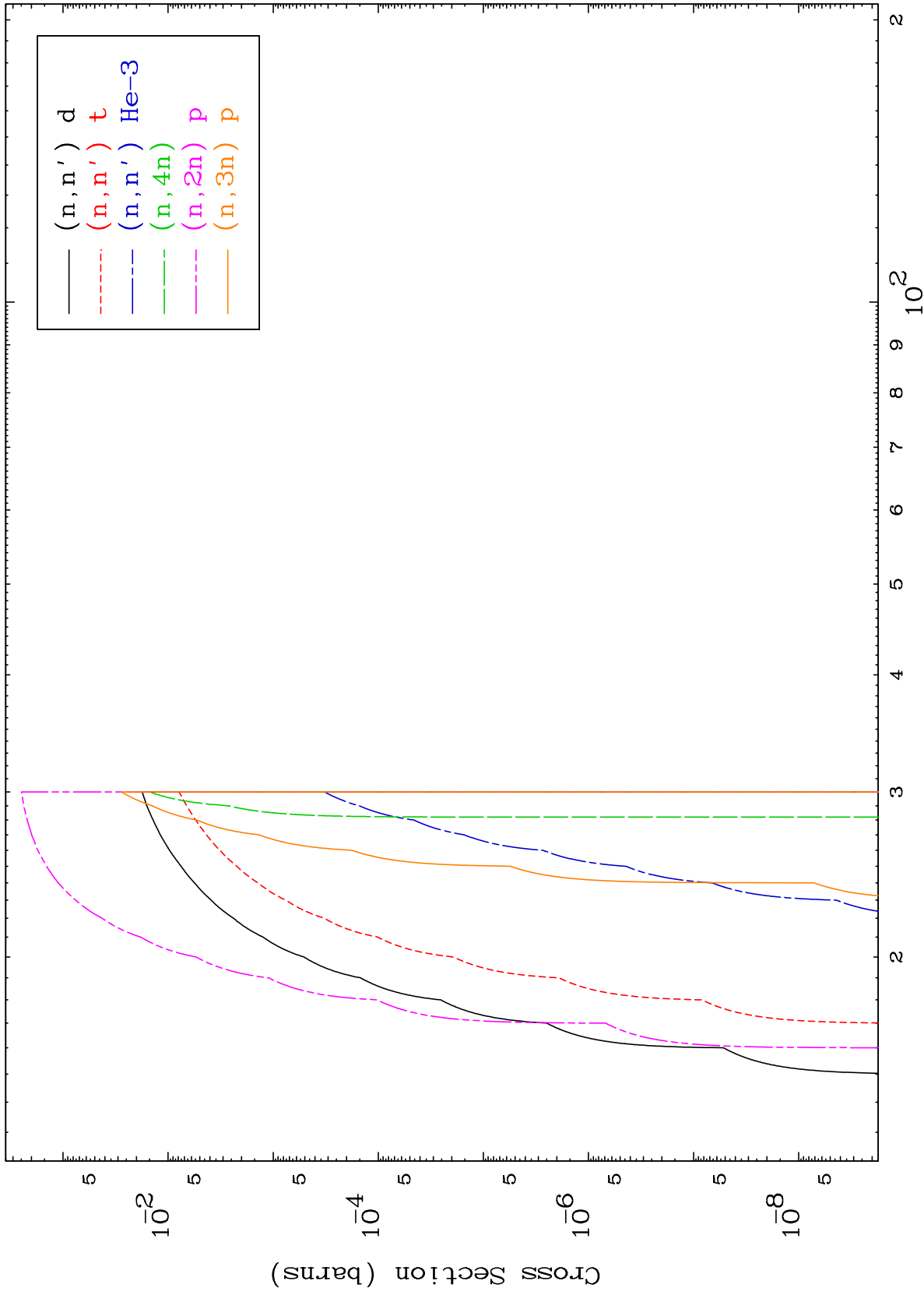
49-In-111

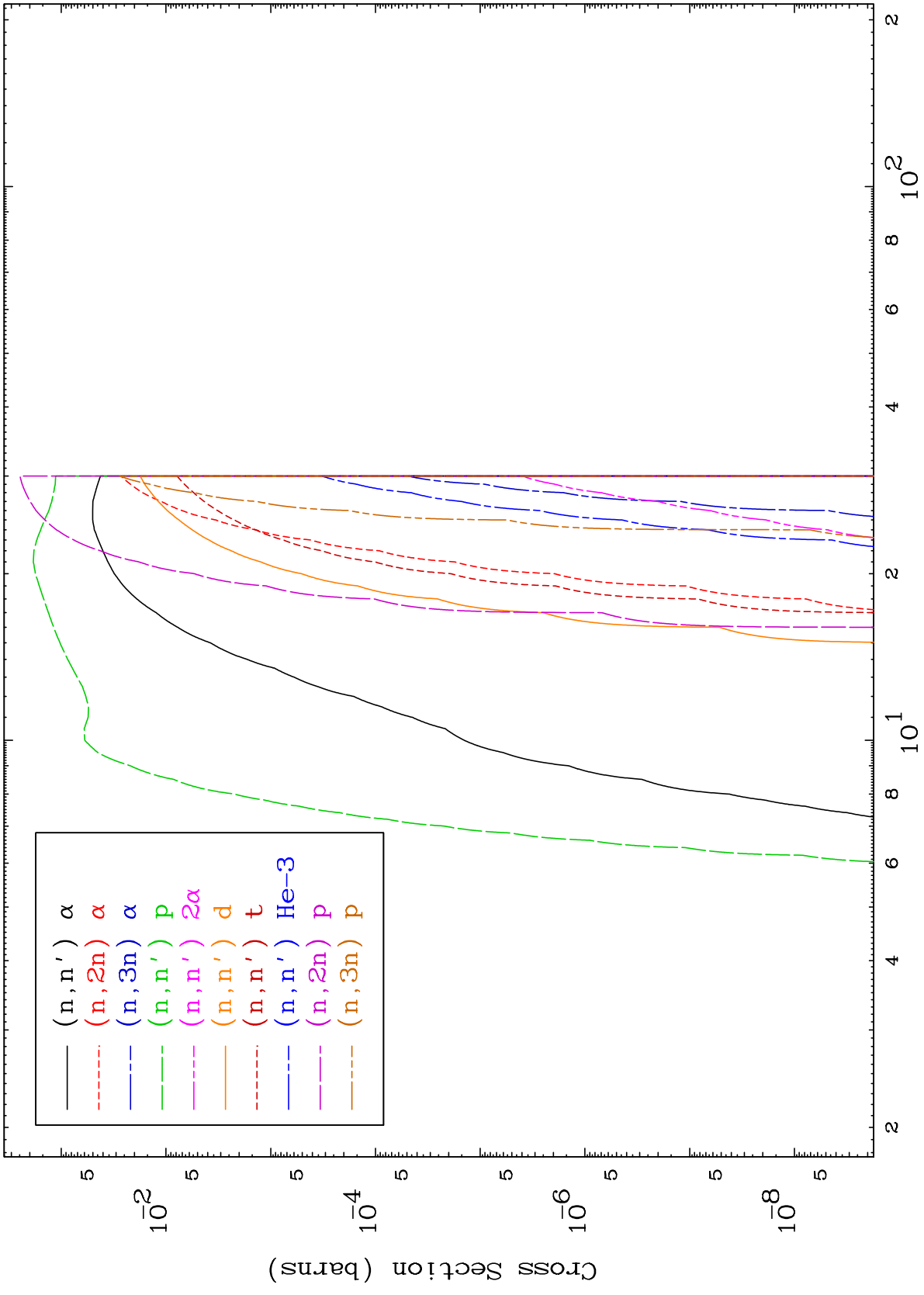


2

Incident Energy (MeV)

49-In-111

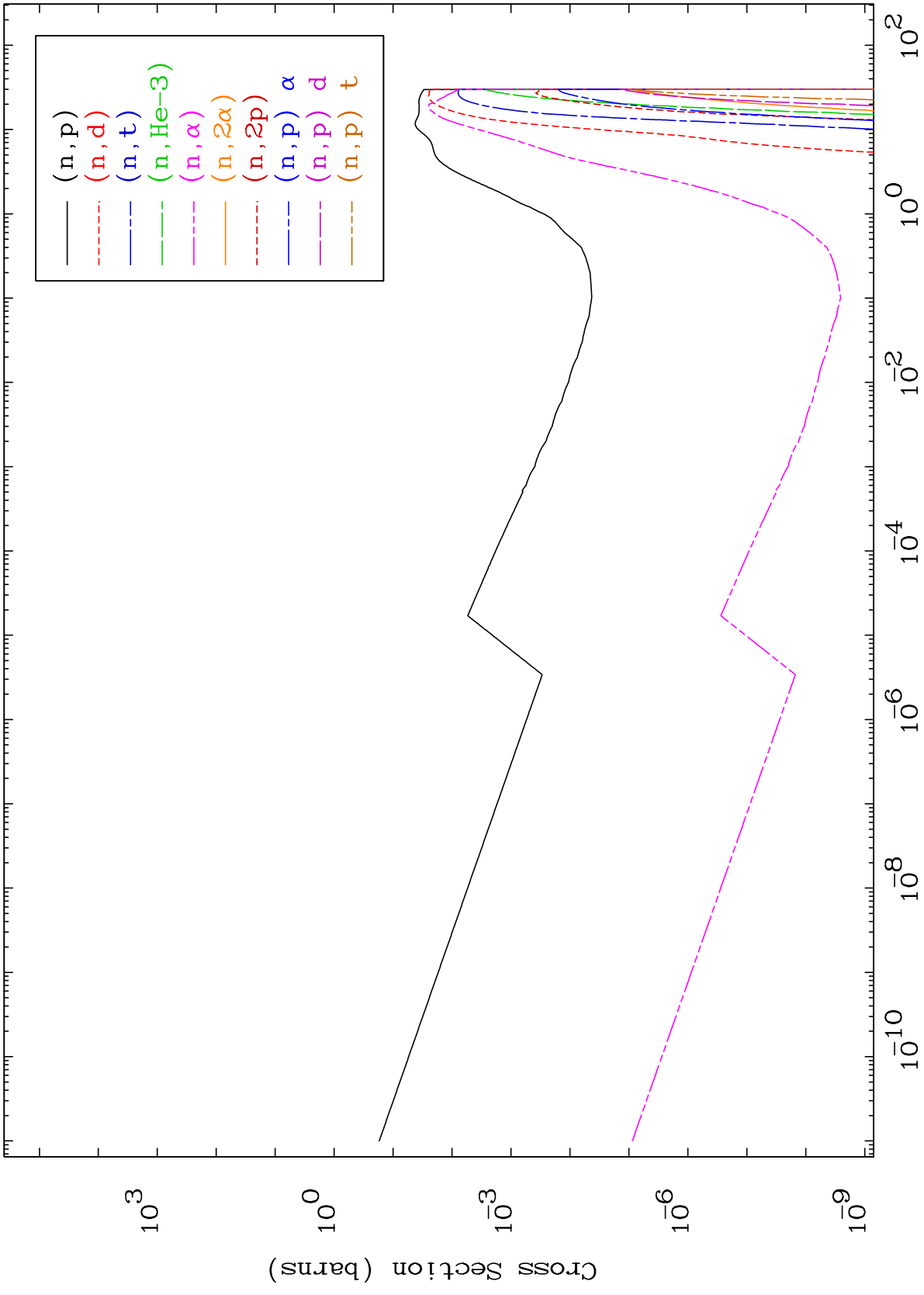




MAT 4920

Charged Particle
293 Kelvin Cross Sections

49-In-111



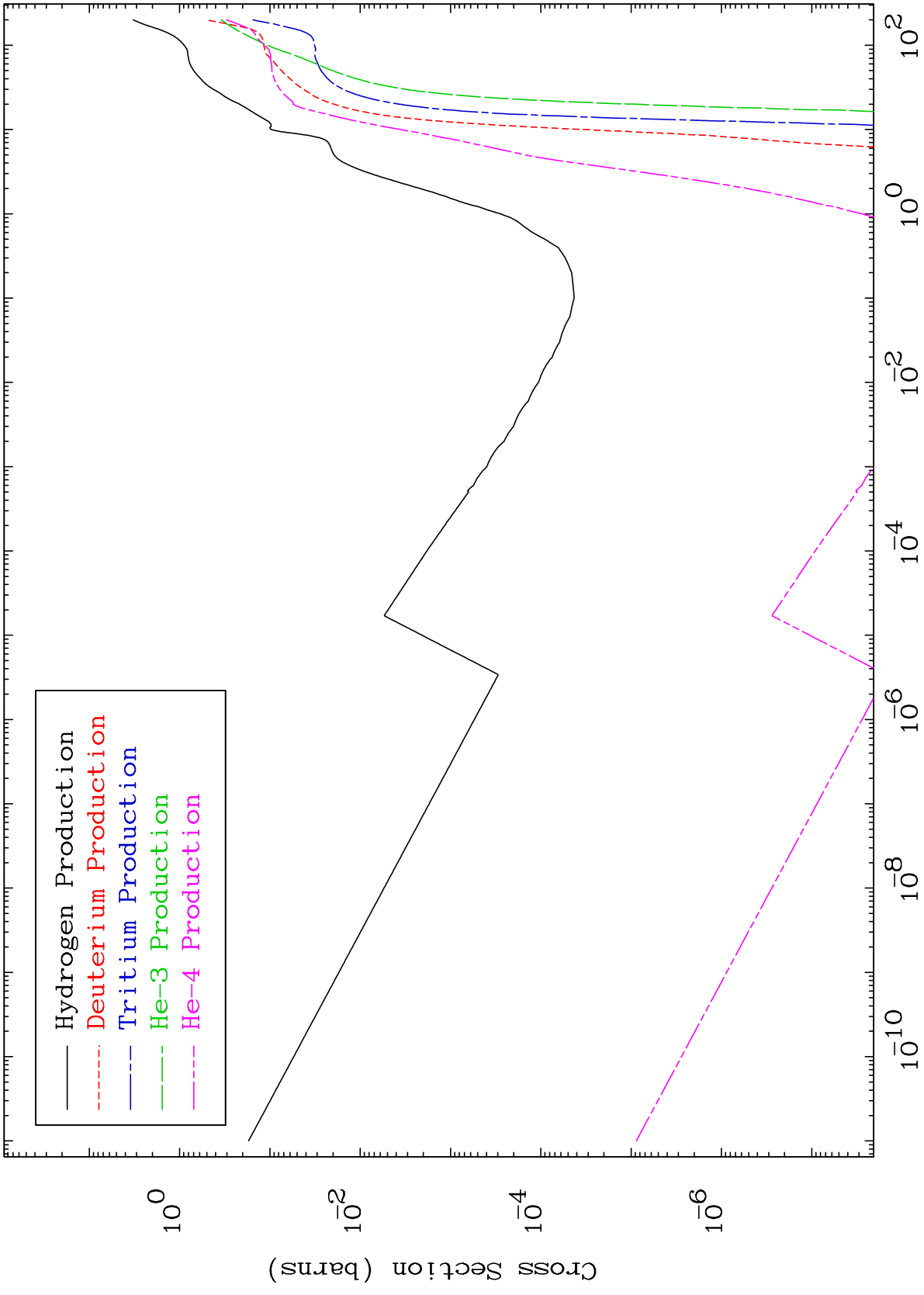
5

49-In-111

MAT 4920

Particle Production
293 Kelvin Cross Sections

49-In-111

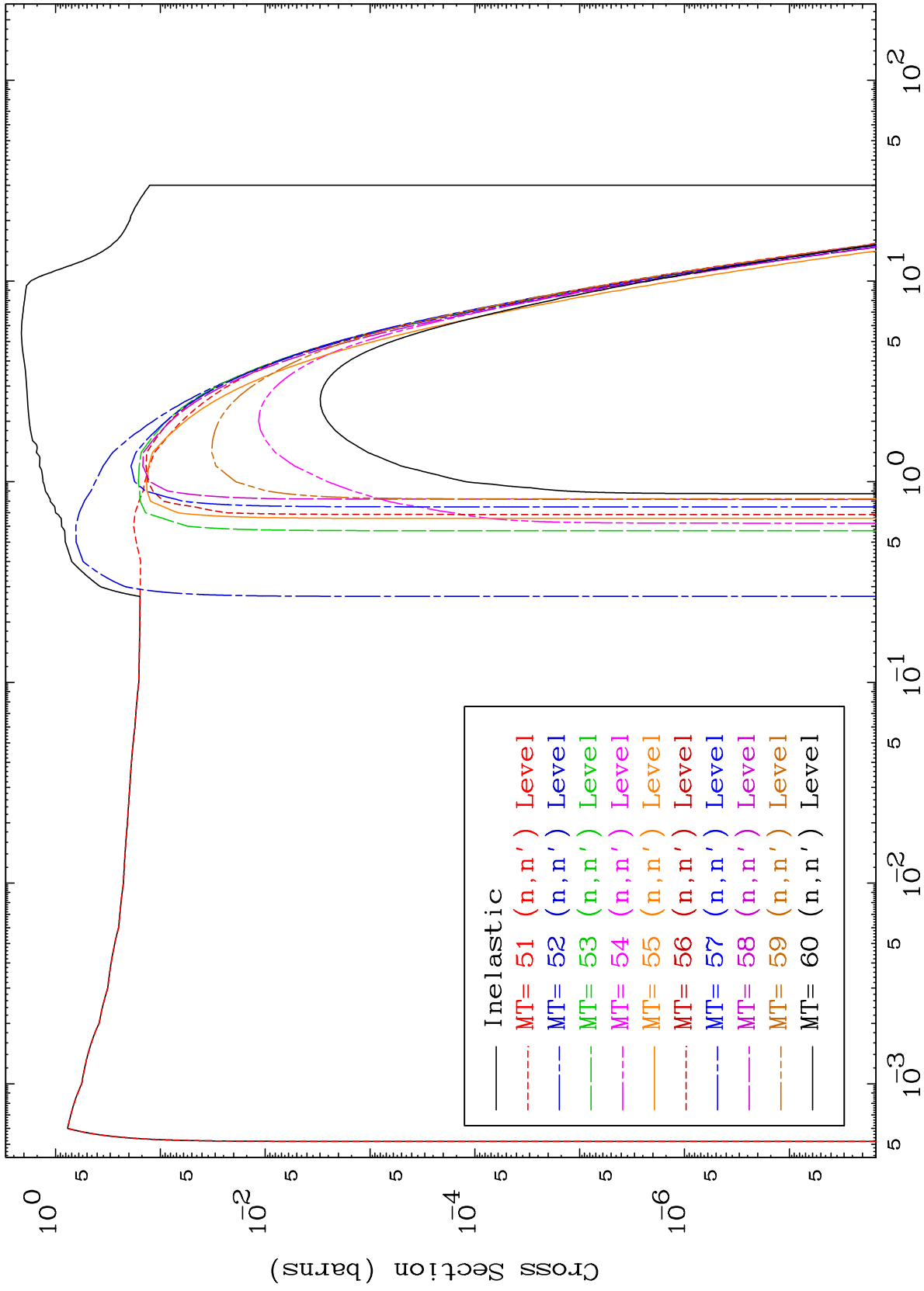


Hydrogen Production
Deuterium Production
Tritium Production
He-3 Production
He-4 Production

MAT 4920

(n,n') Level
293 Kelvin Cross Sections

49-In-111

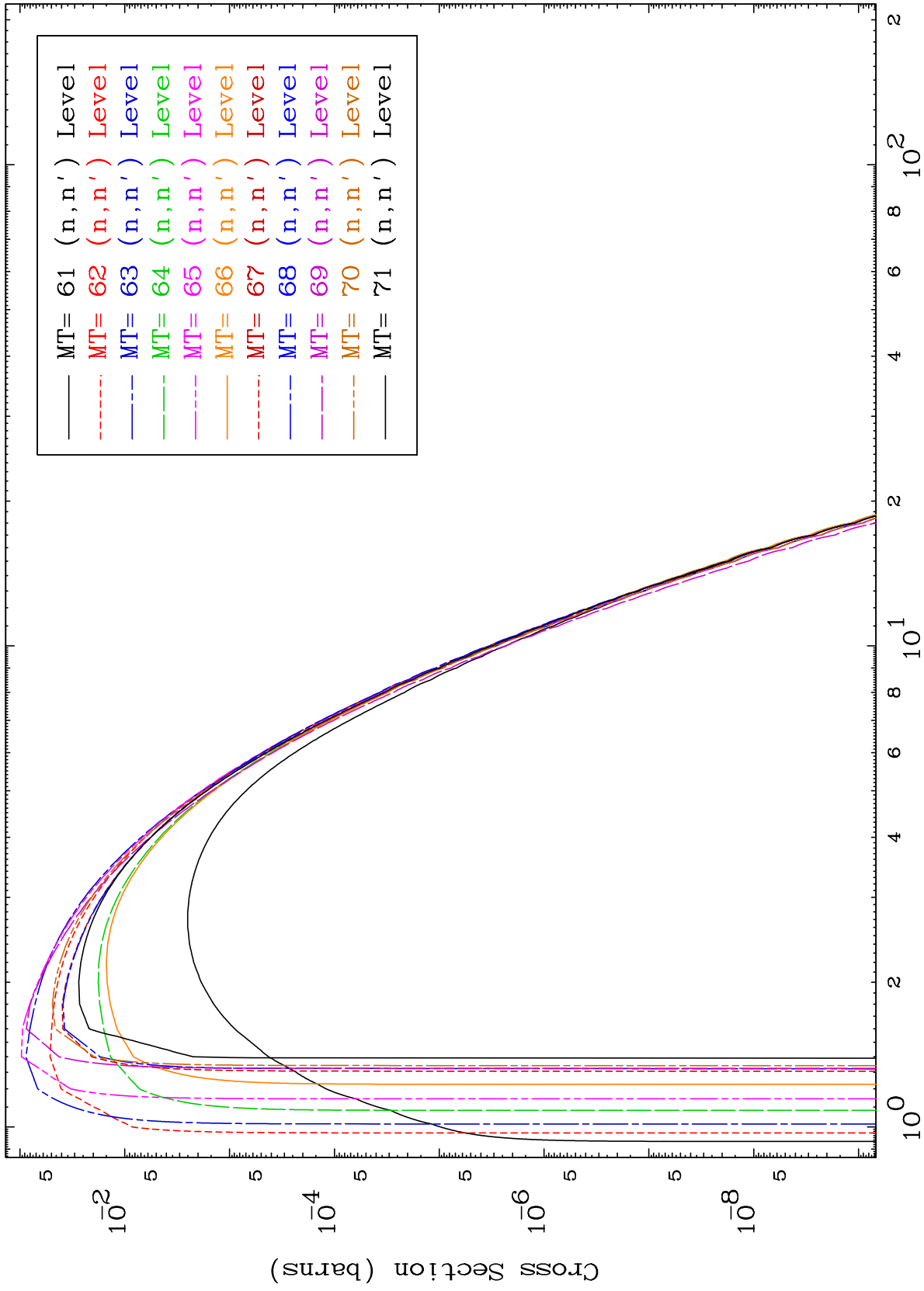


MAT 4920

(n,n') Level

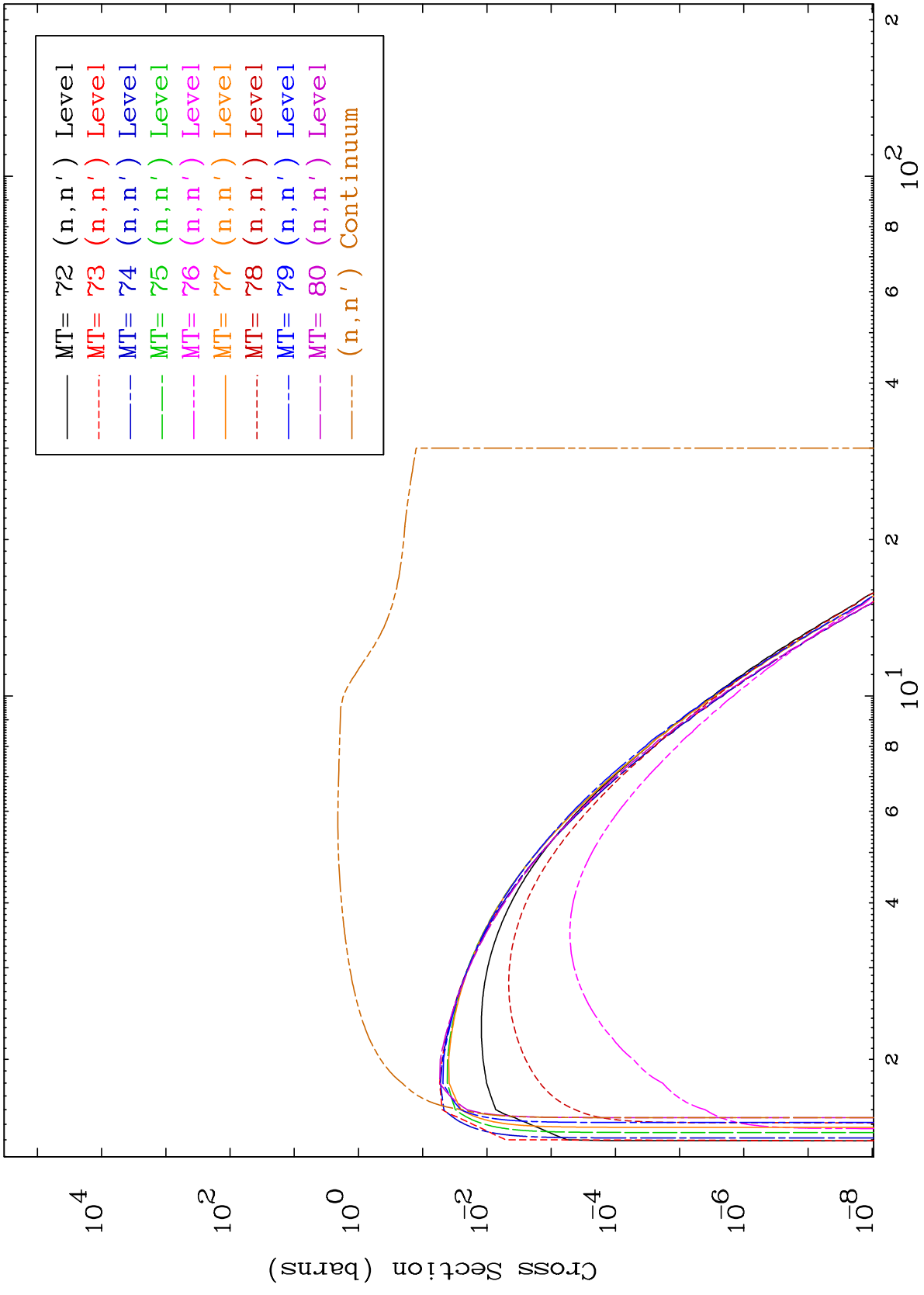
49-In-111

293 Kelvin Cross Sections



Incident Energy (MeV)

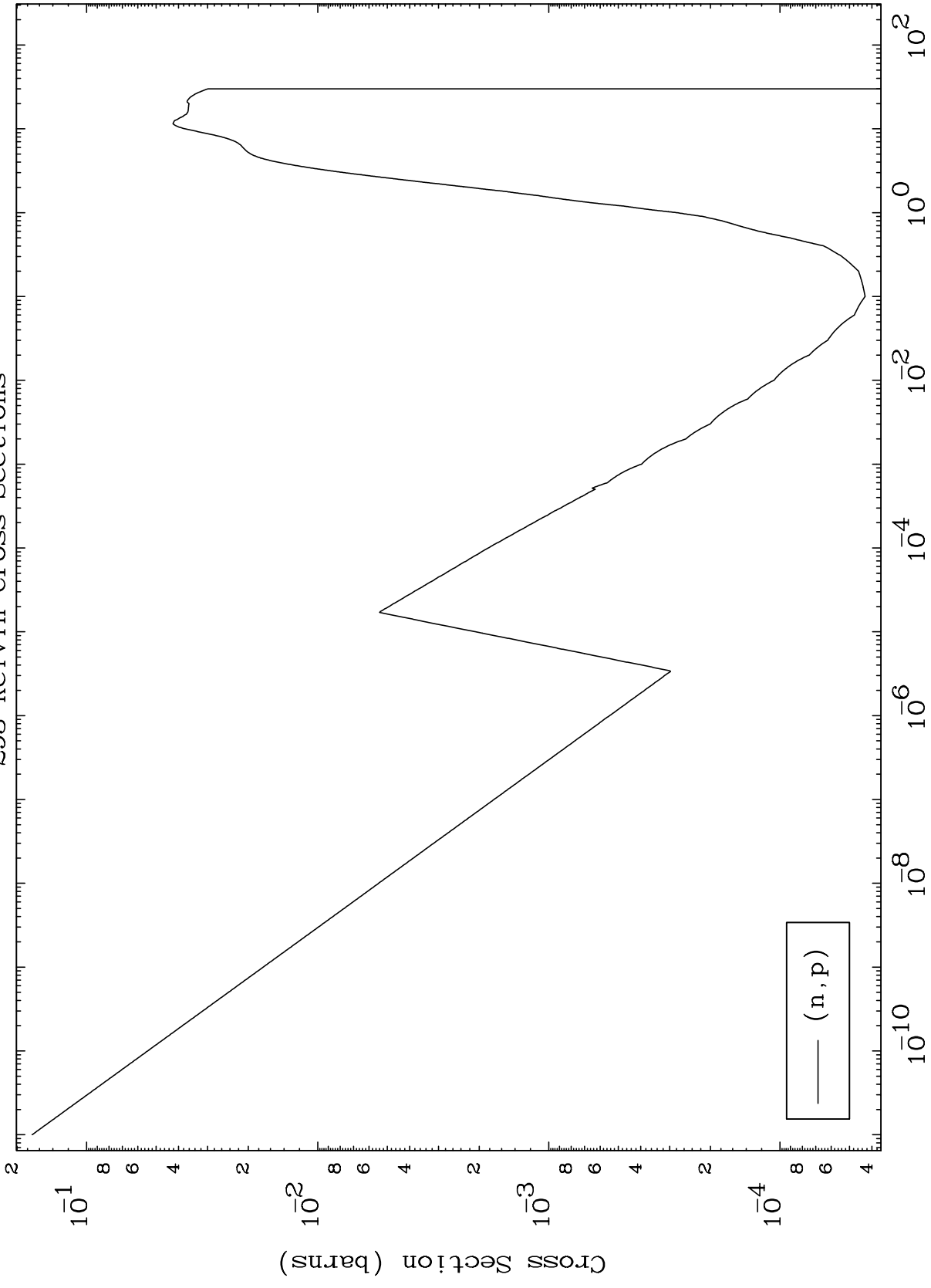
49-In-111



MAT 4920

(n,p) Levels
293 Kelvin Cross Sections

49-In-111



10

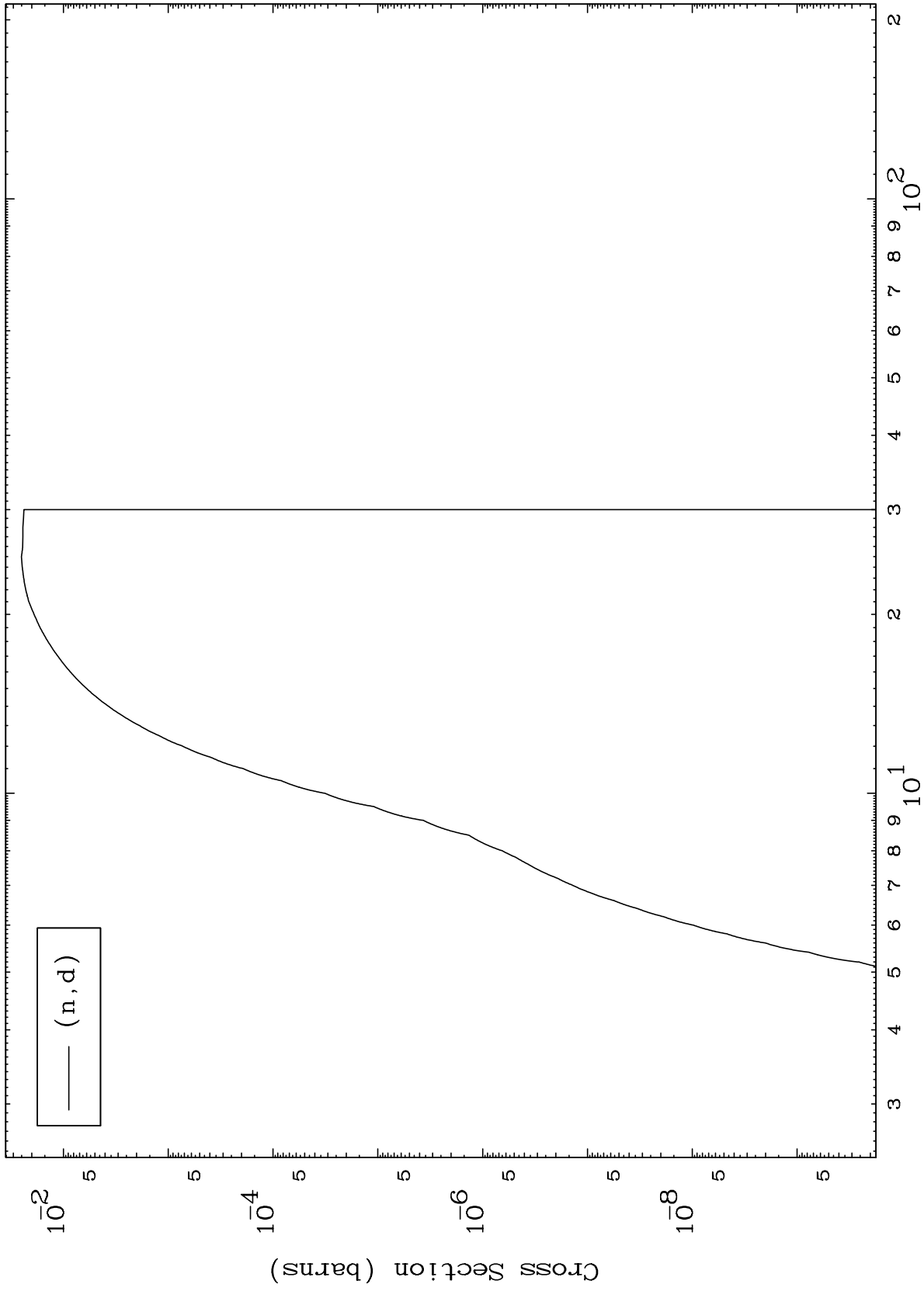
Incident Energy (MeV)

49-In-111

MAT 4920

(n,d) Levels
293 Kelvin Cross Sections

49-In-111



11

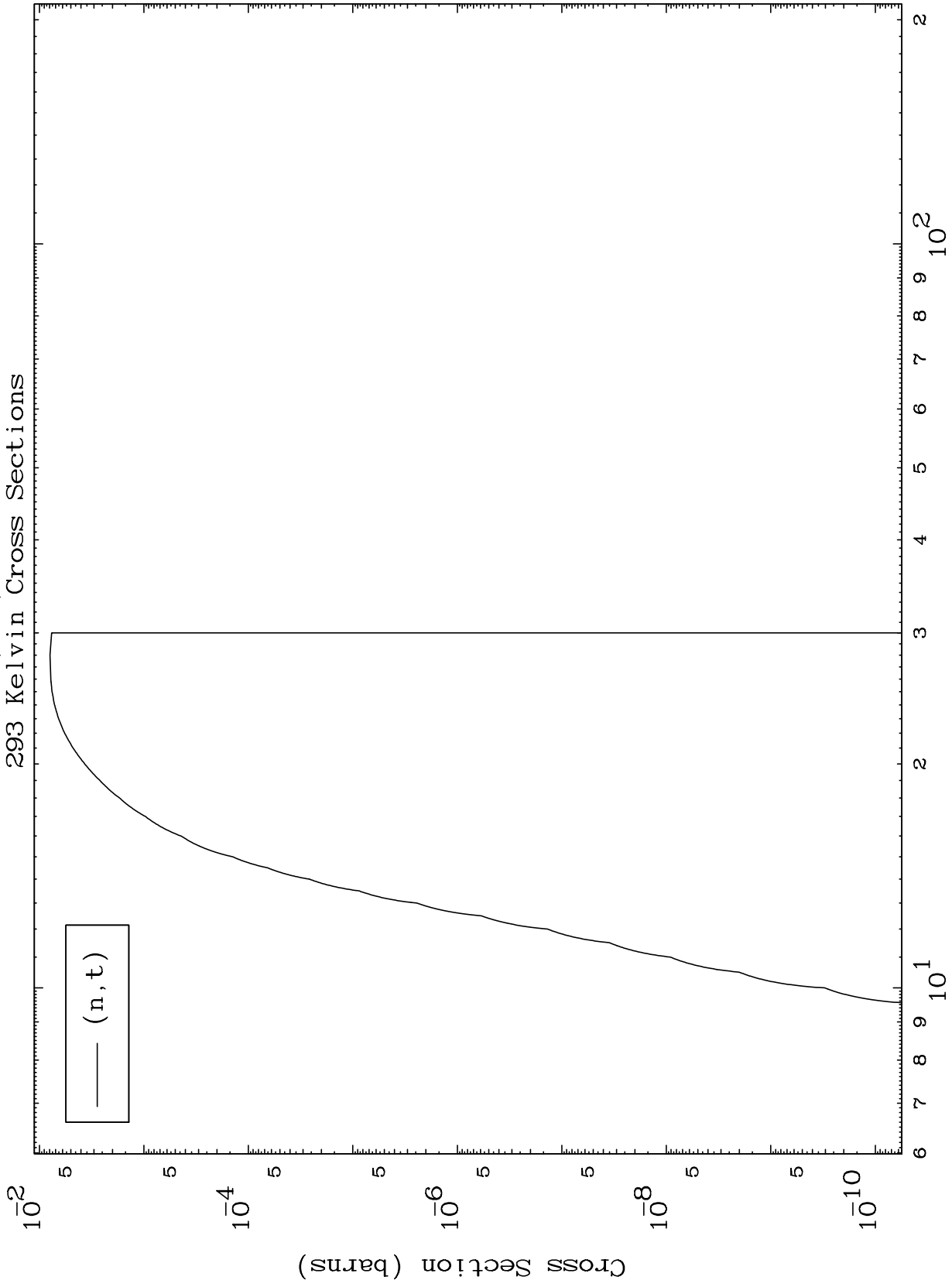
Incident Energy (MeV)

49-In-111

MAT 4920

(n,t) Levels
293 Kelvin Cross Sections

49-In-111

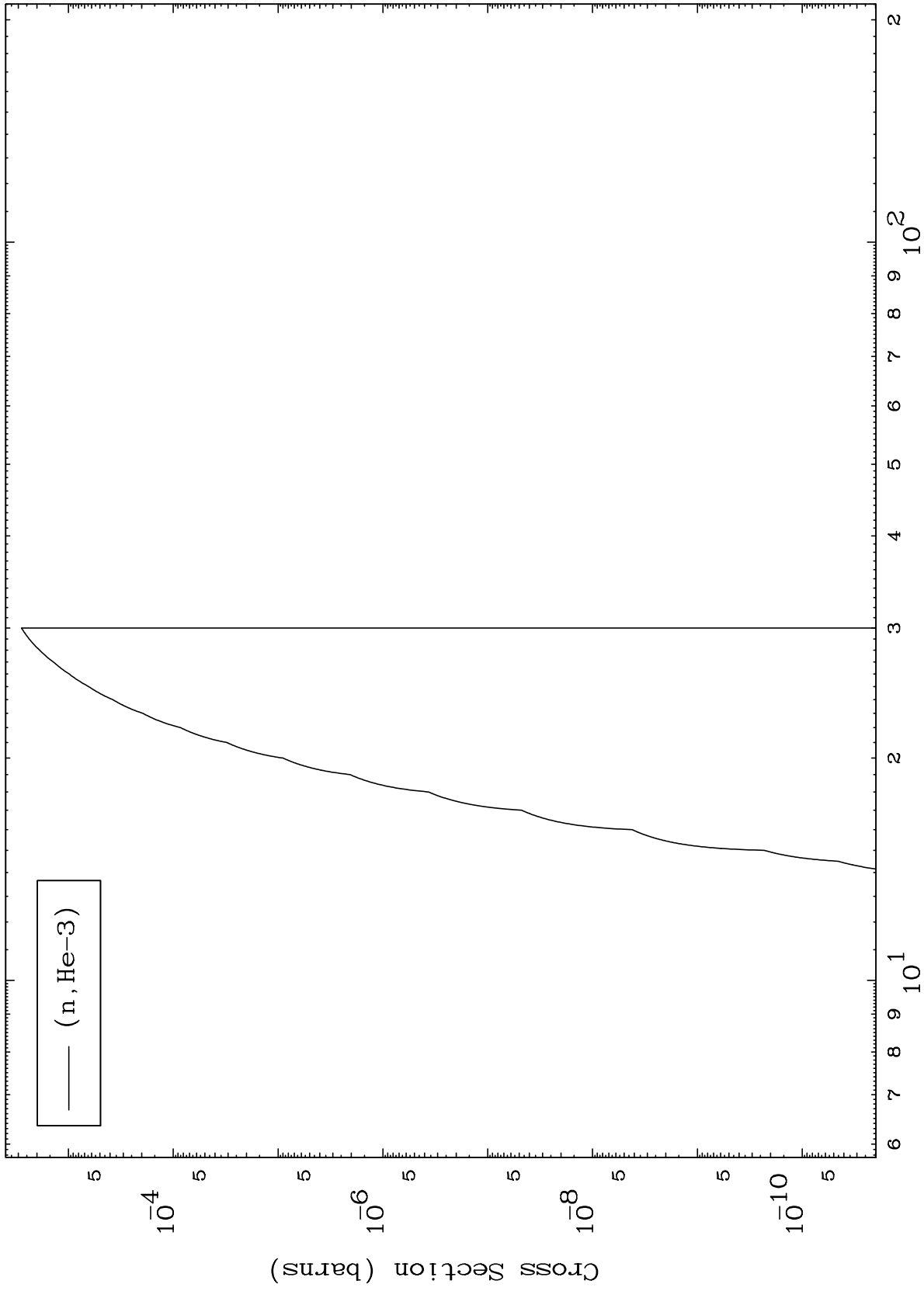


(n,t)

MAT 4920

(n,He3) Levels
293 Kelvin Cross Sections

49-In-111



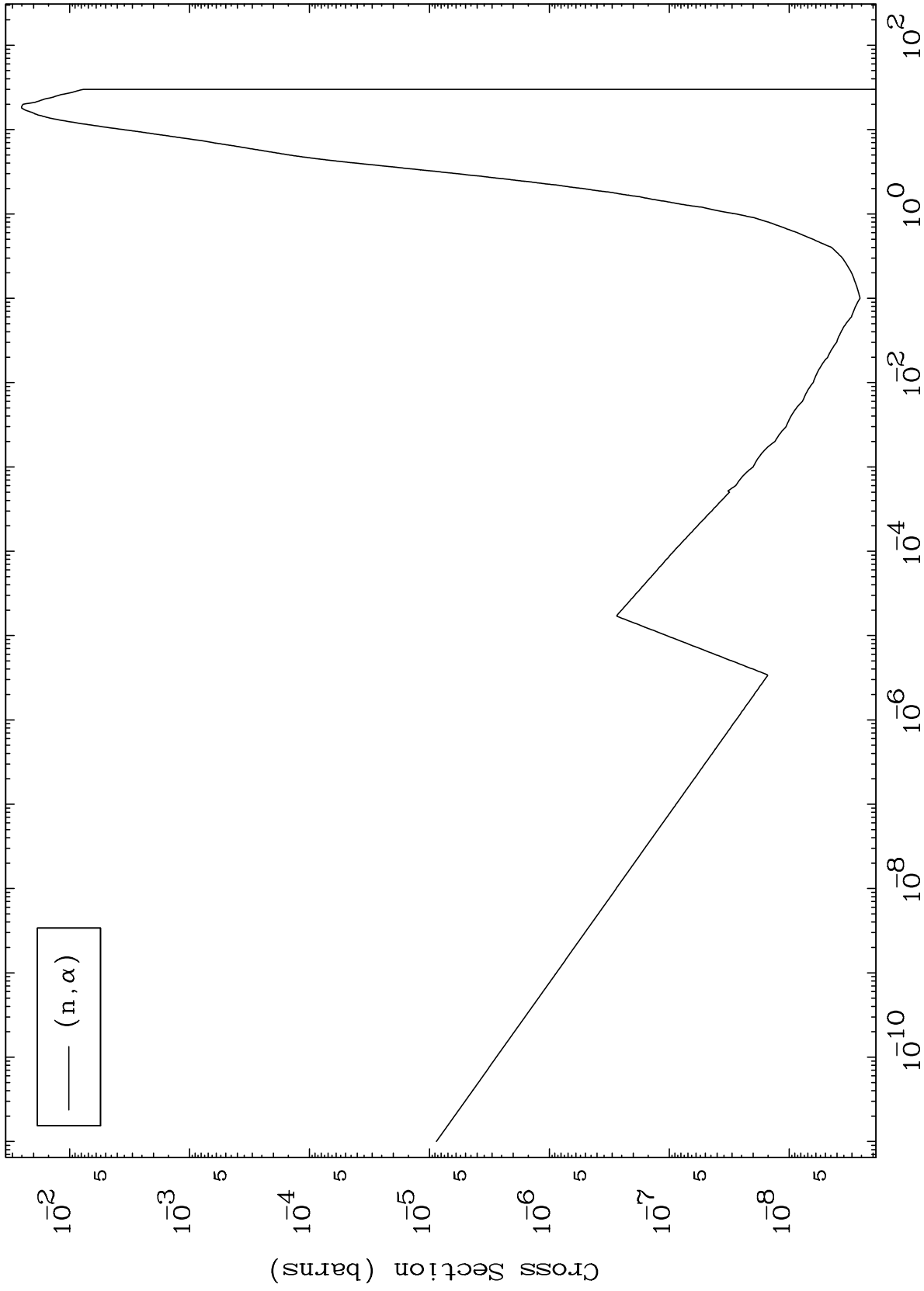
13

49-In-111

MAT 4920

(n,α) Levels
293 Kelvin Cross Sections

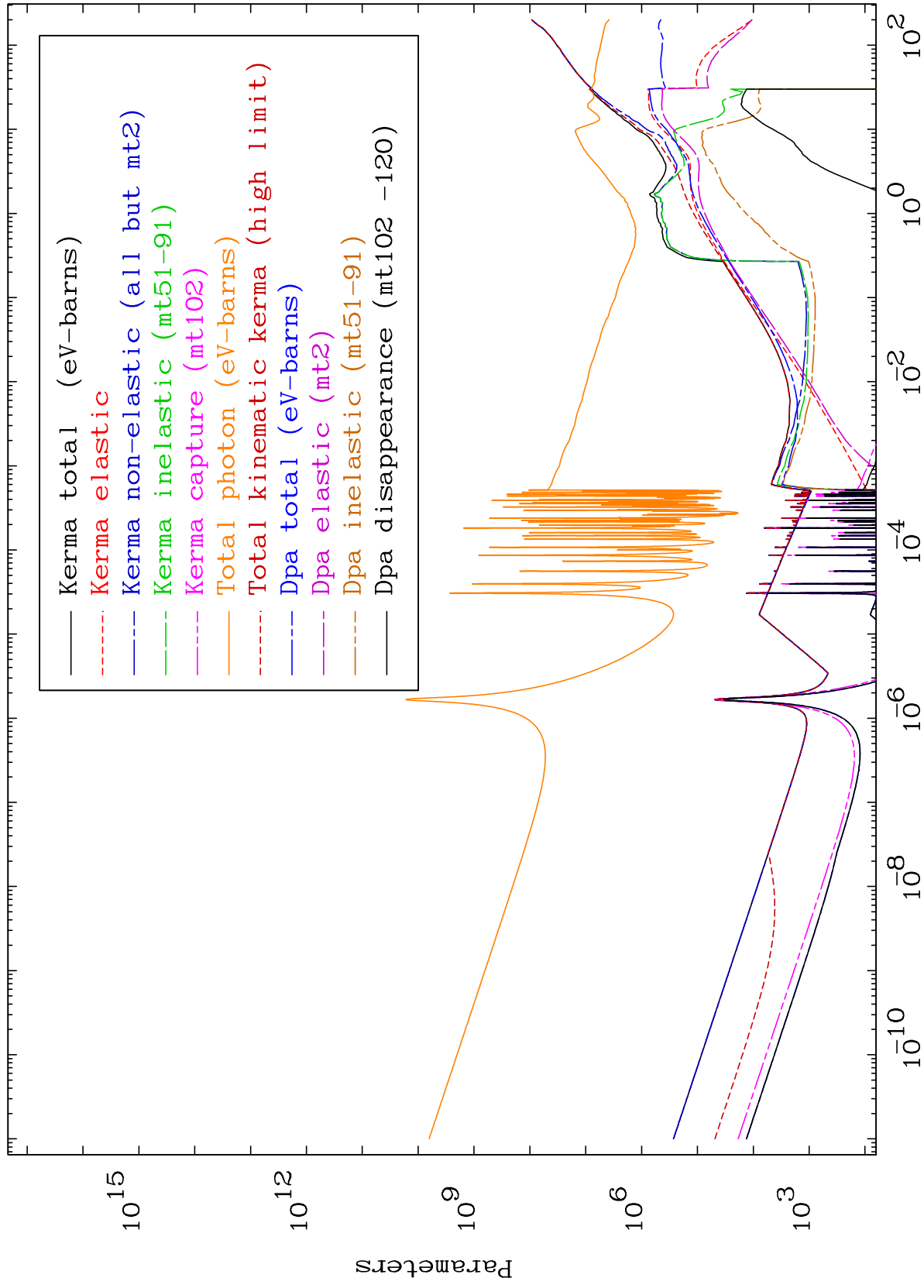
49-In-111

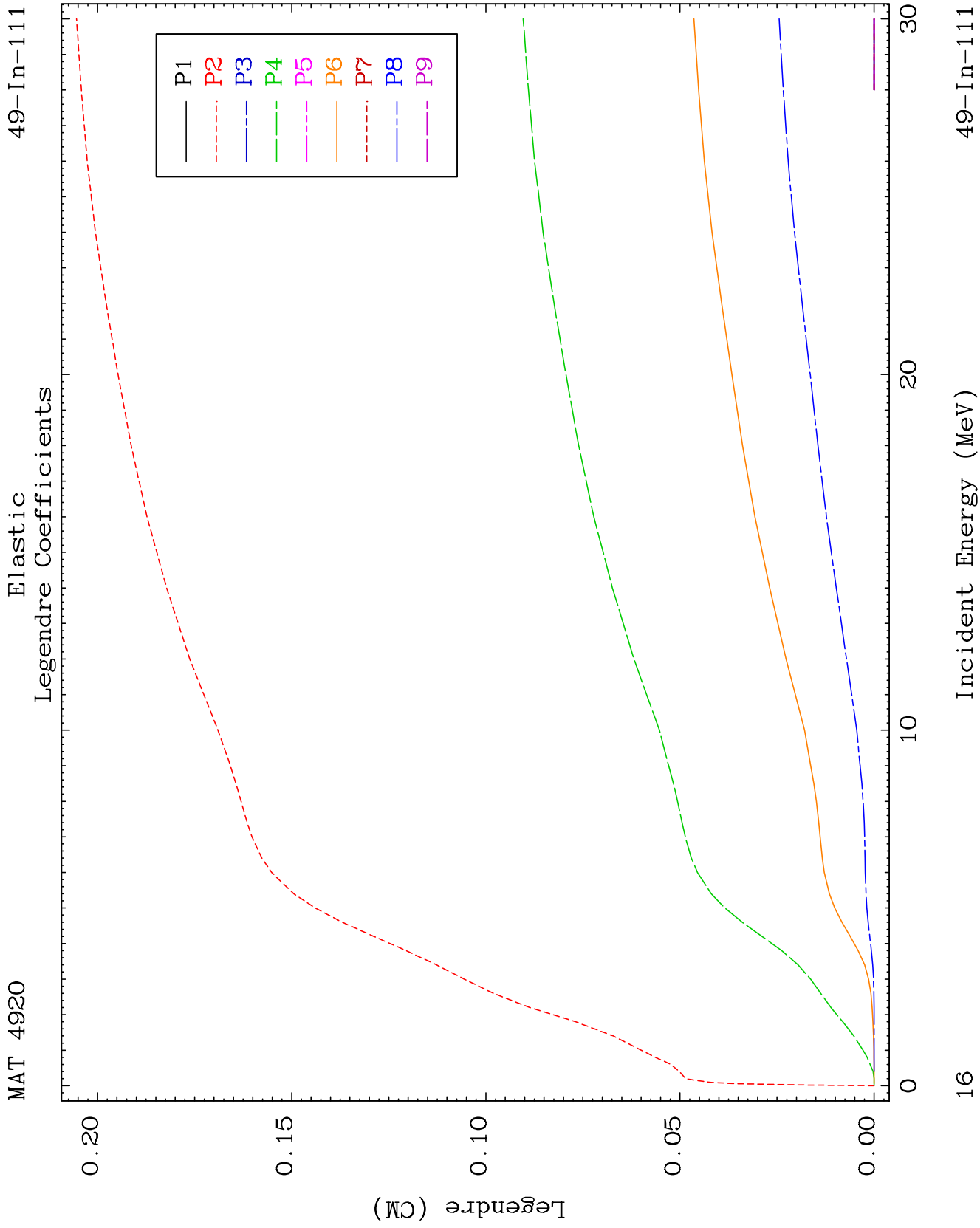


14

Incident Energy (MeV)

49-In-111

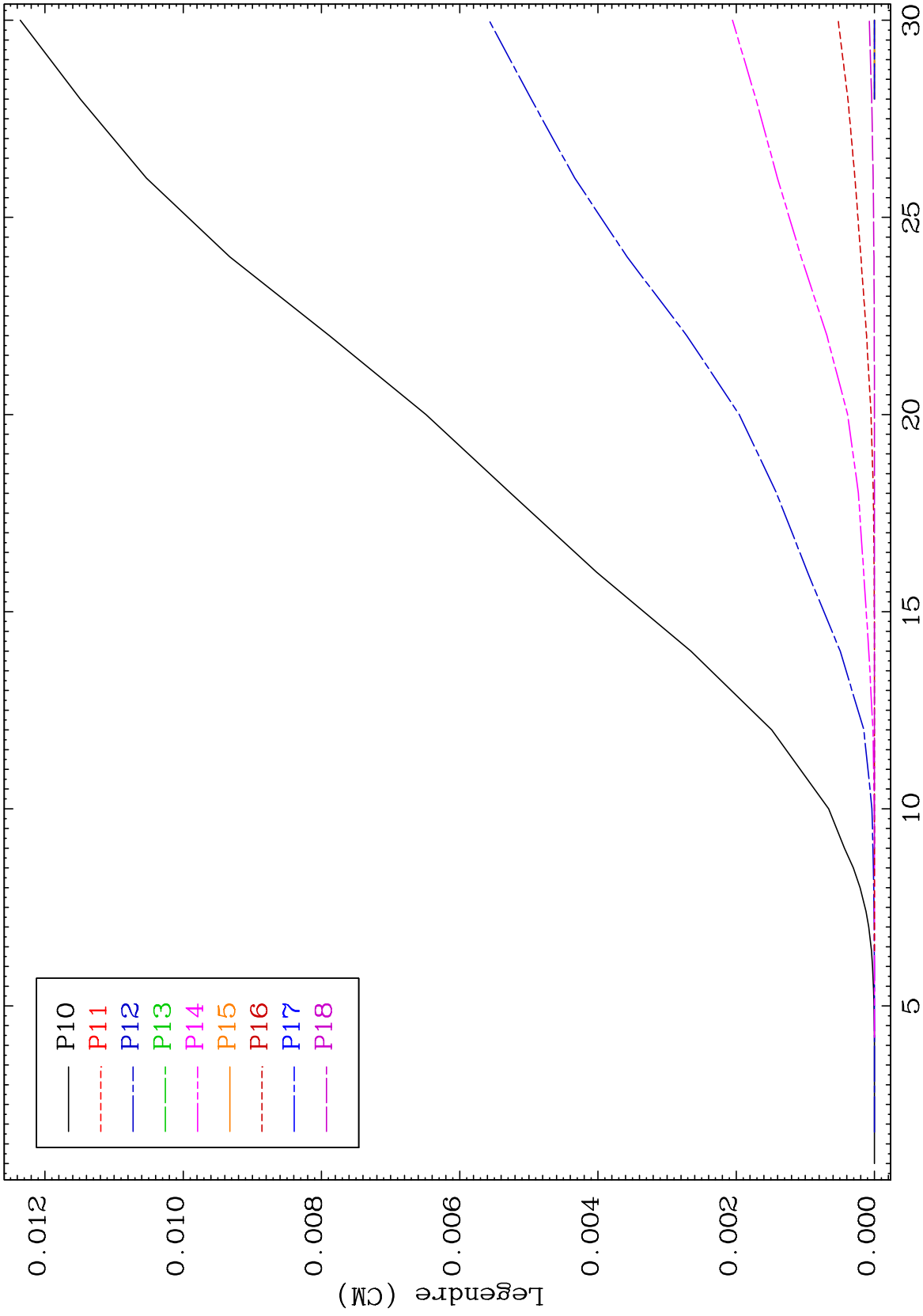




MAT 4920

Elastic Legendre Coefficients

49-In-111



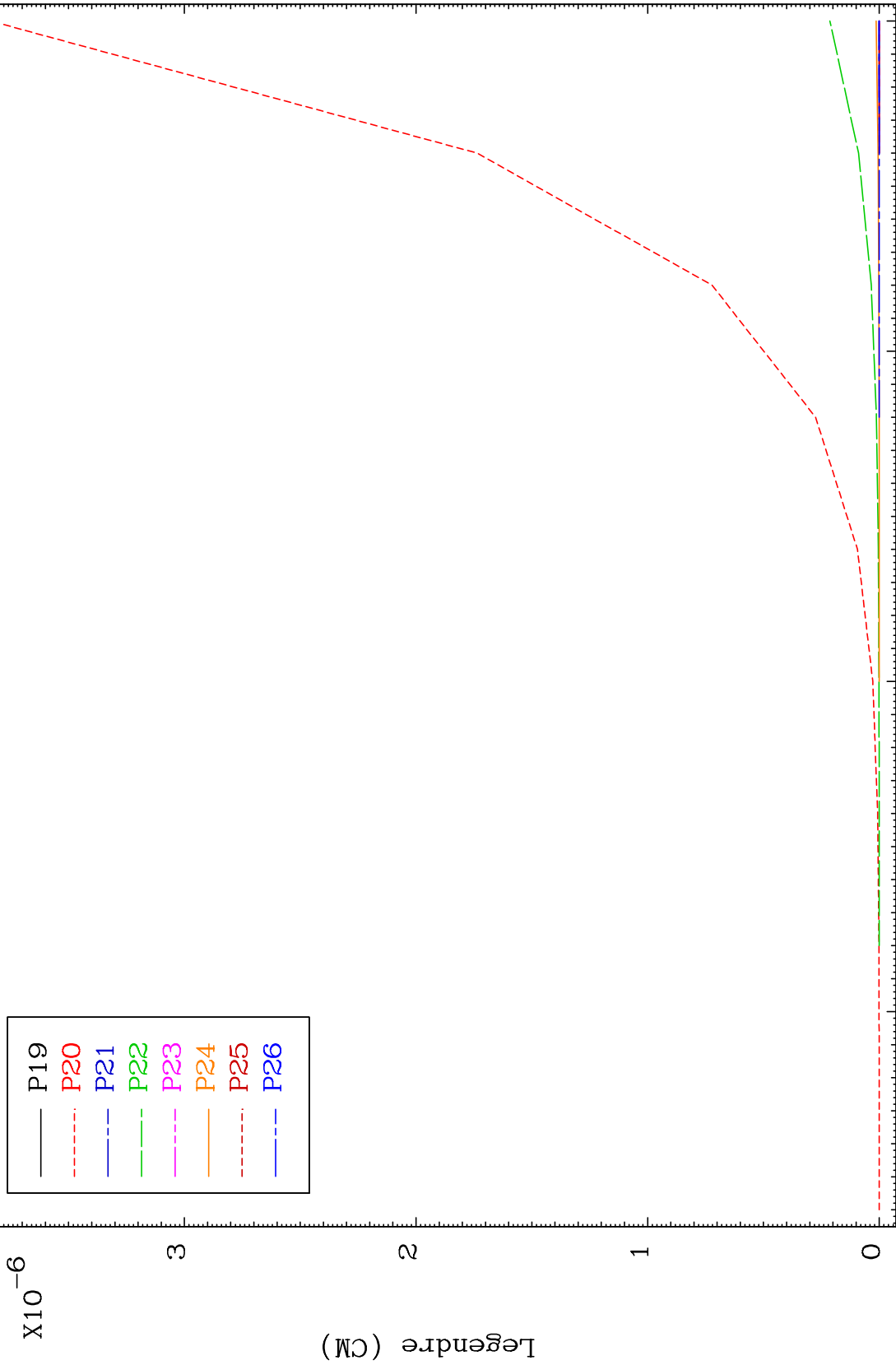
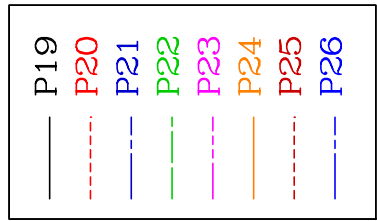
17

49-In-111

MAT 4920

Elastic Legendre Coefficients

49-In-111



18

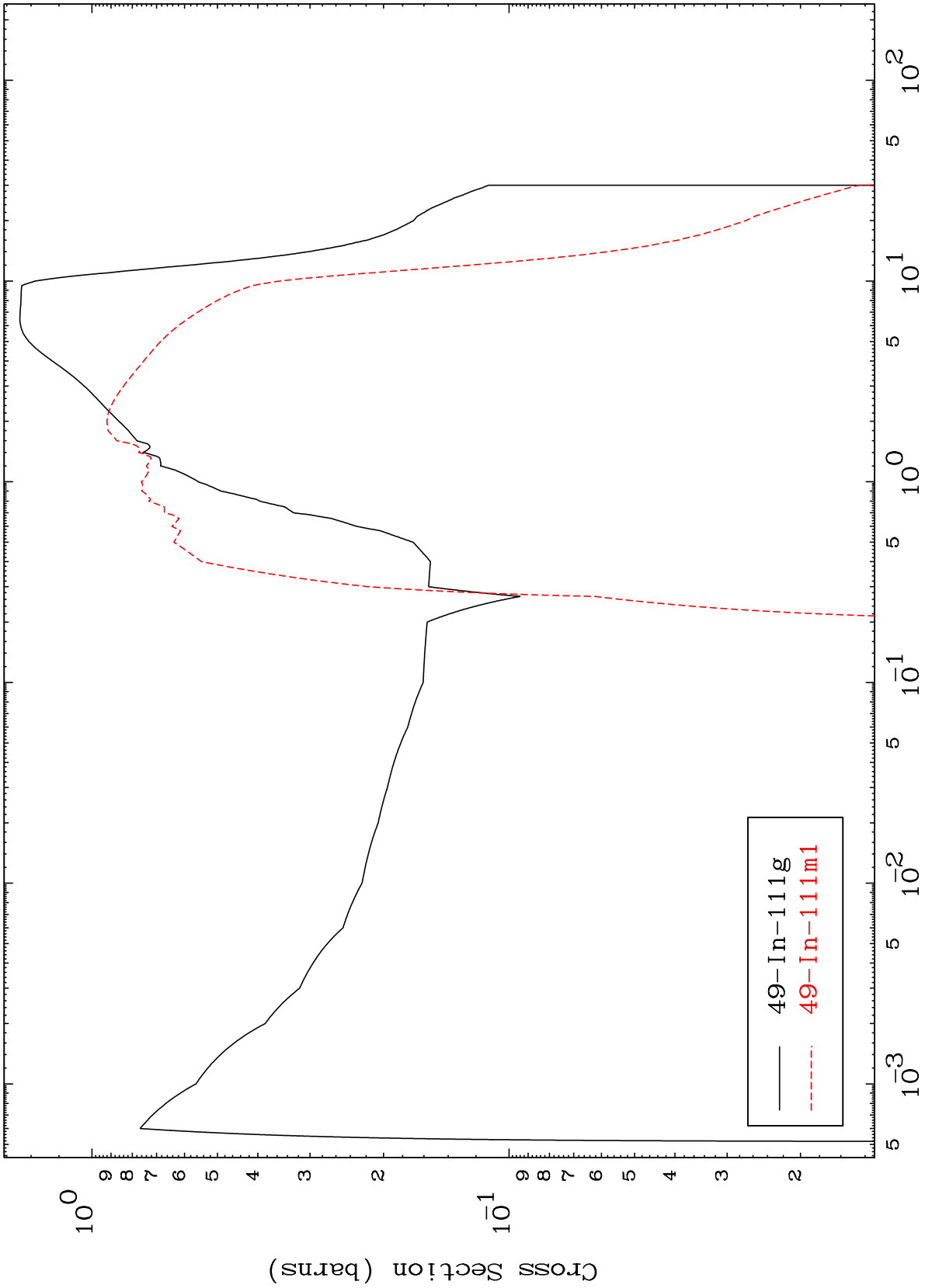
Incident Energy (MeV)

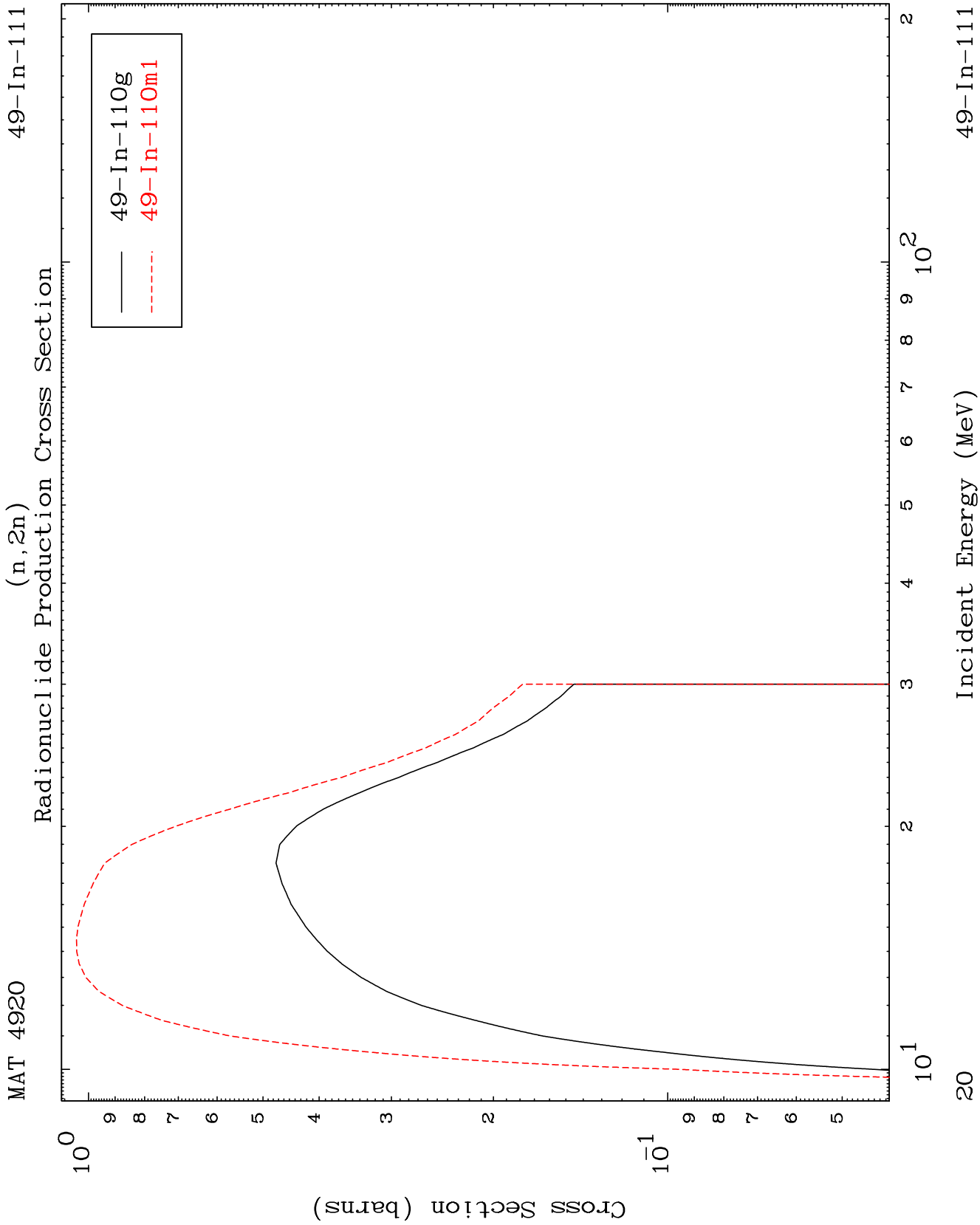
49-In-111

MAT 4920

49-In-111

Inelastic
Radionuclide Production Cross Section



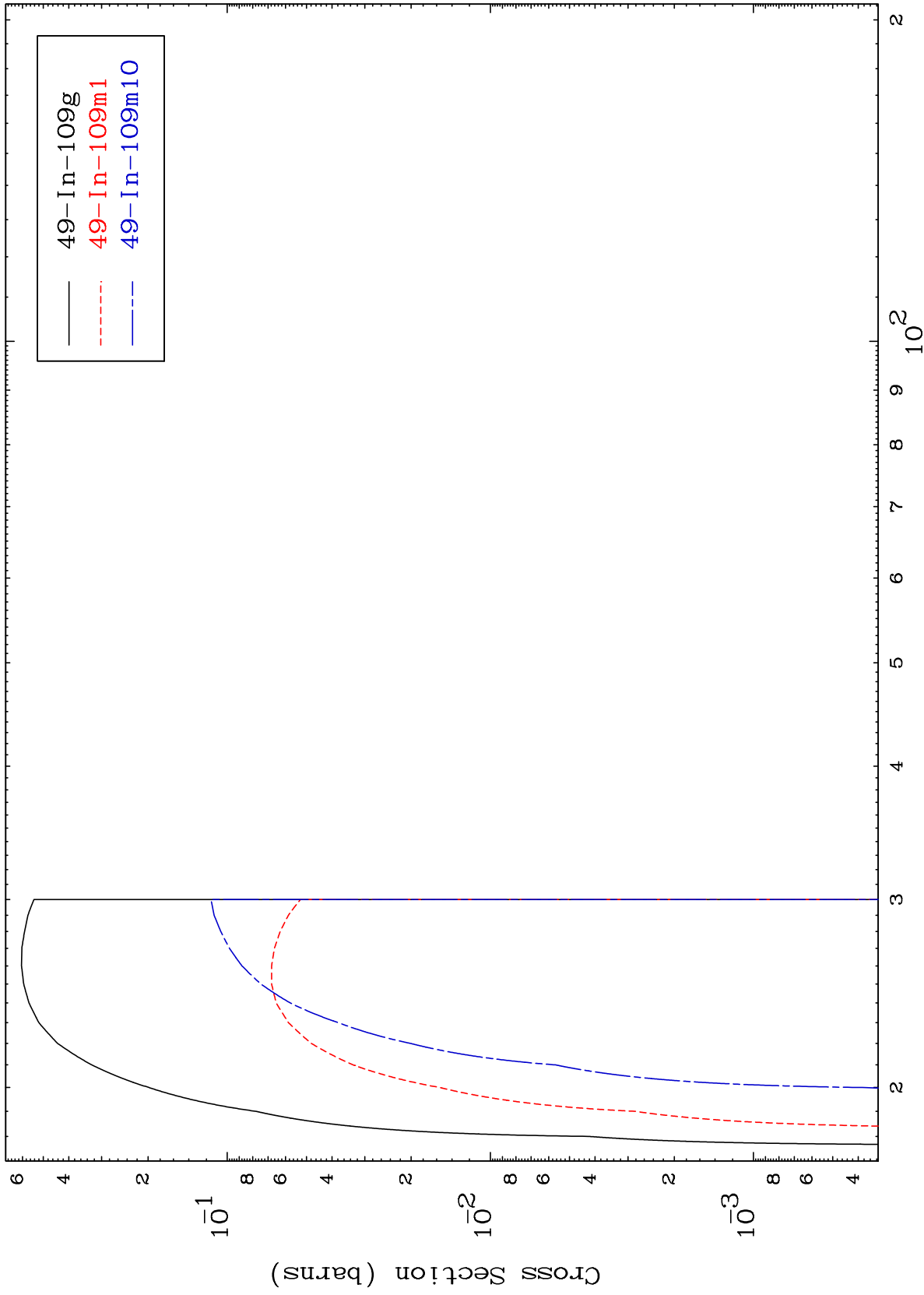


MAT 4920

(n,3n)

49-In-111

Radionuclide Production Cross Section



21

Incident Energy (MeV)

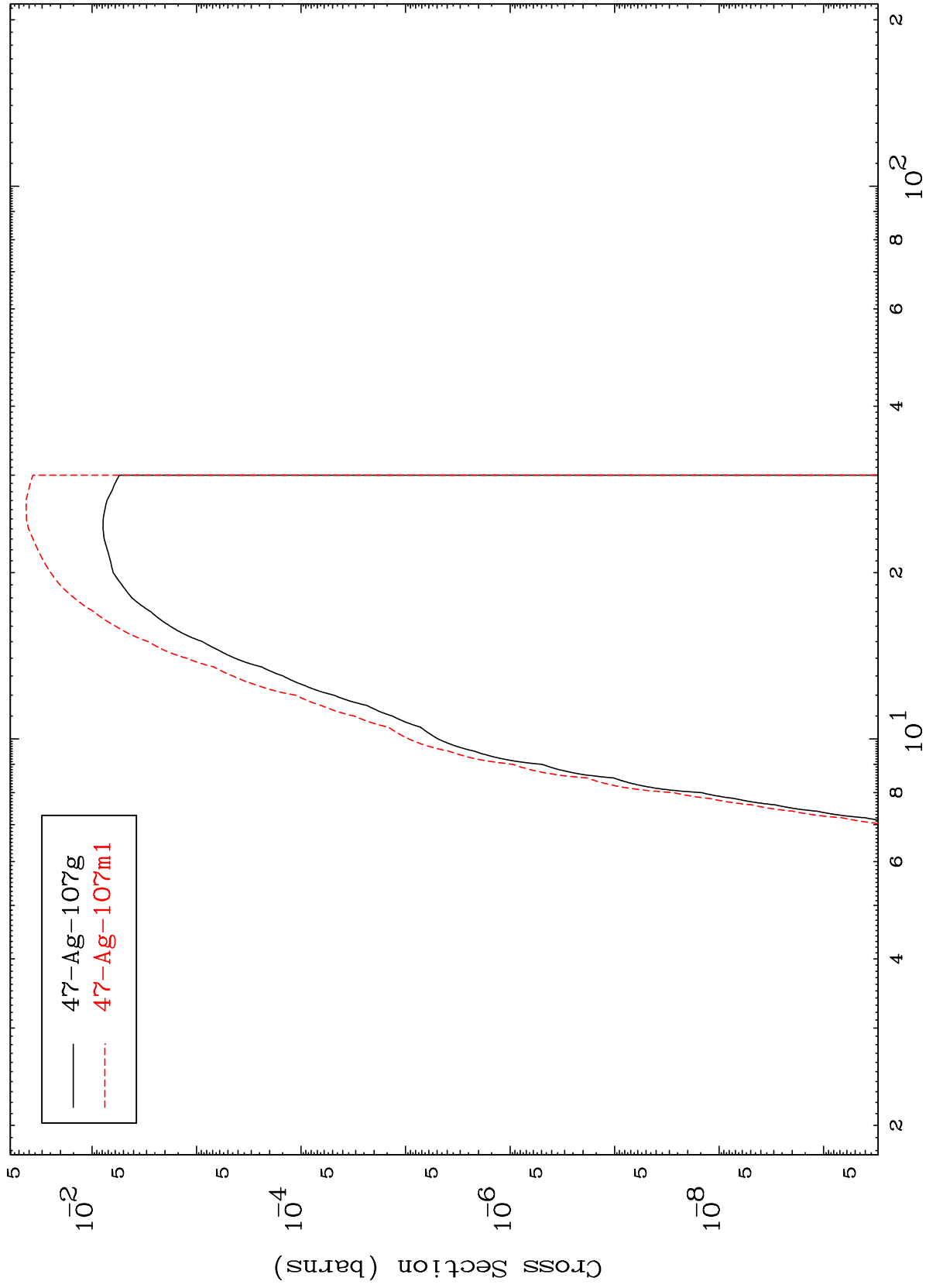
49-In-111

MAT 4920

(n,n') α

49-In-111

Radionuclide Production Cross Section



22

Incident Energy (MeV)

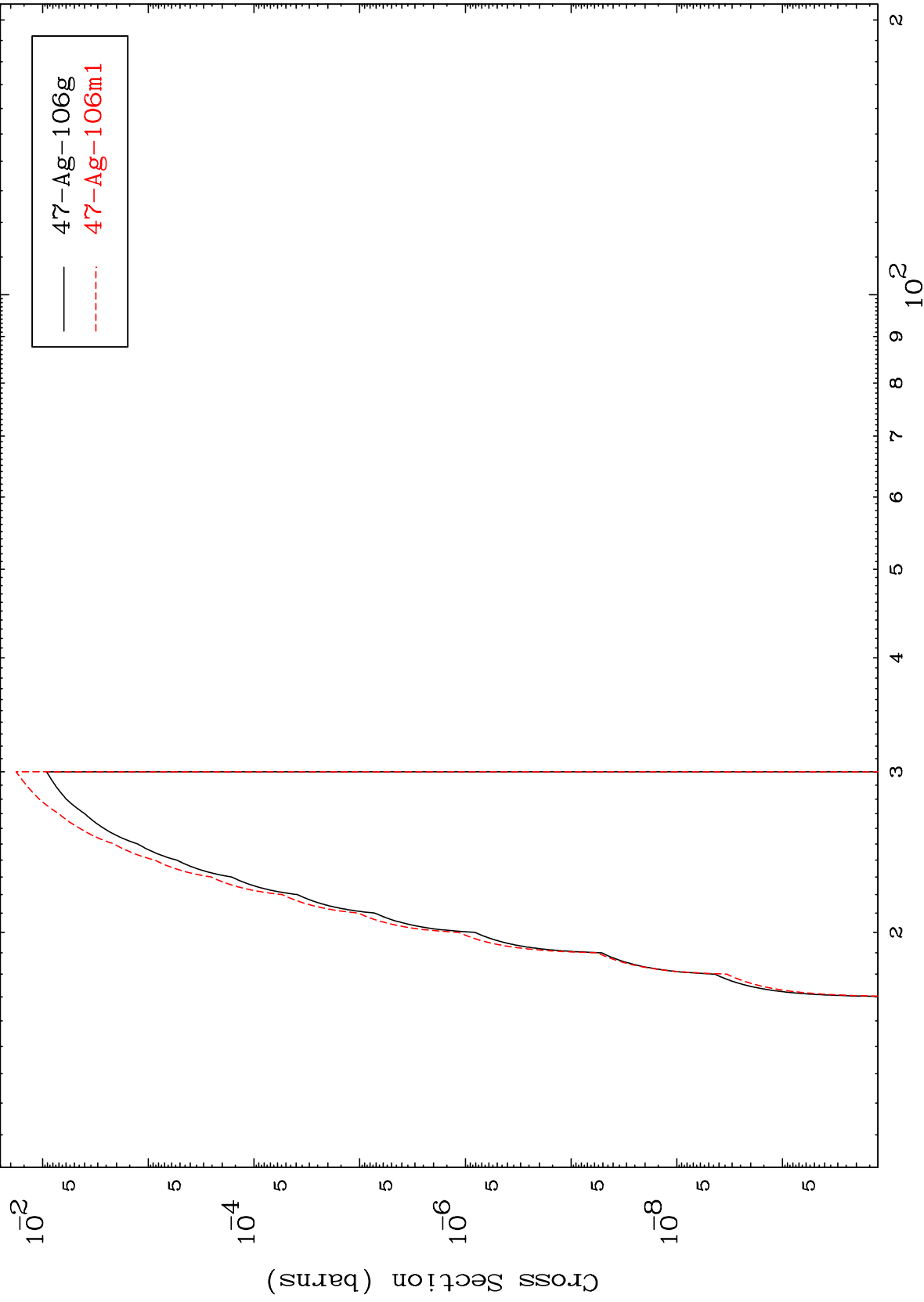
49-In-111

MAT 4920

(n,2n) α

49-In-111

Radionuclide Production Cross Section



23

Incident Energy (MeV)

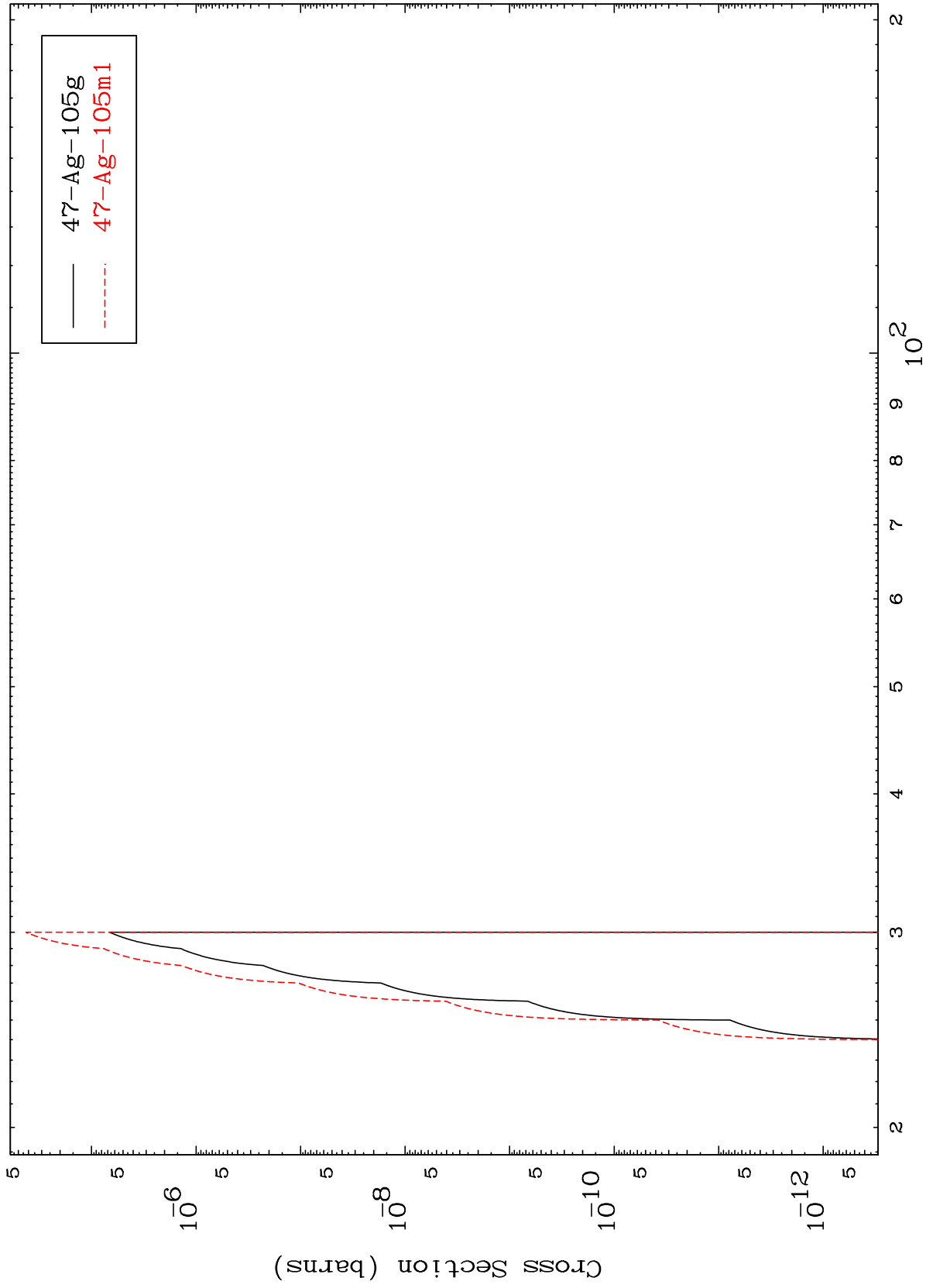
49-In-111

MAT 4920

(n,3n) α

49-In-111

Radionuclide Production Cross Section



24

Incident Energy (MeV)

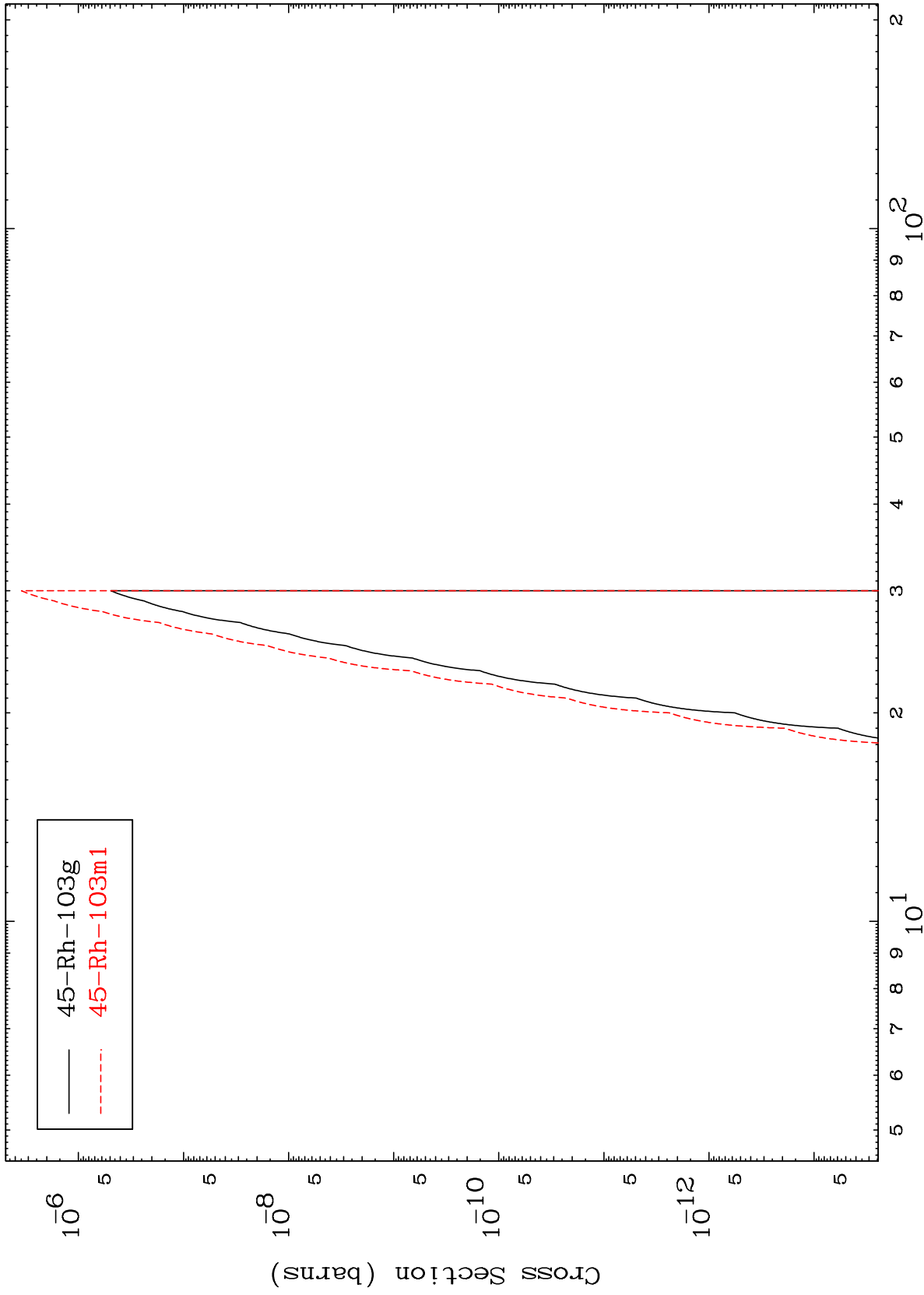
49-In-111

MAT 4920

(n, n') 2α

49-In-111

Radionuclide Production Cross Section



— 45-Rh-103g
- - - 45-Rh-103m1

25

Incident Energy (MeV)

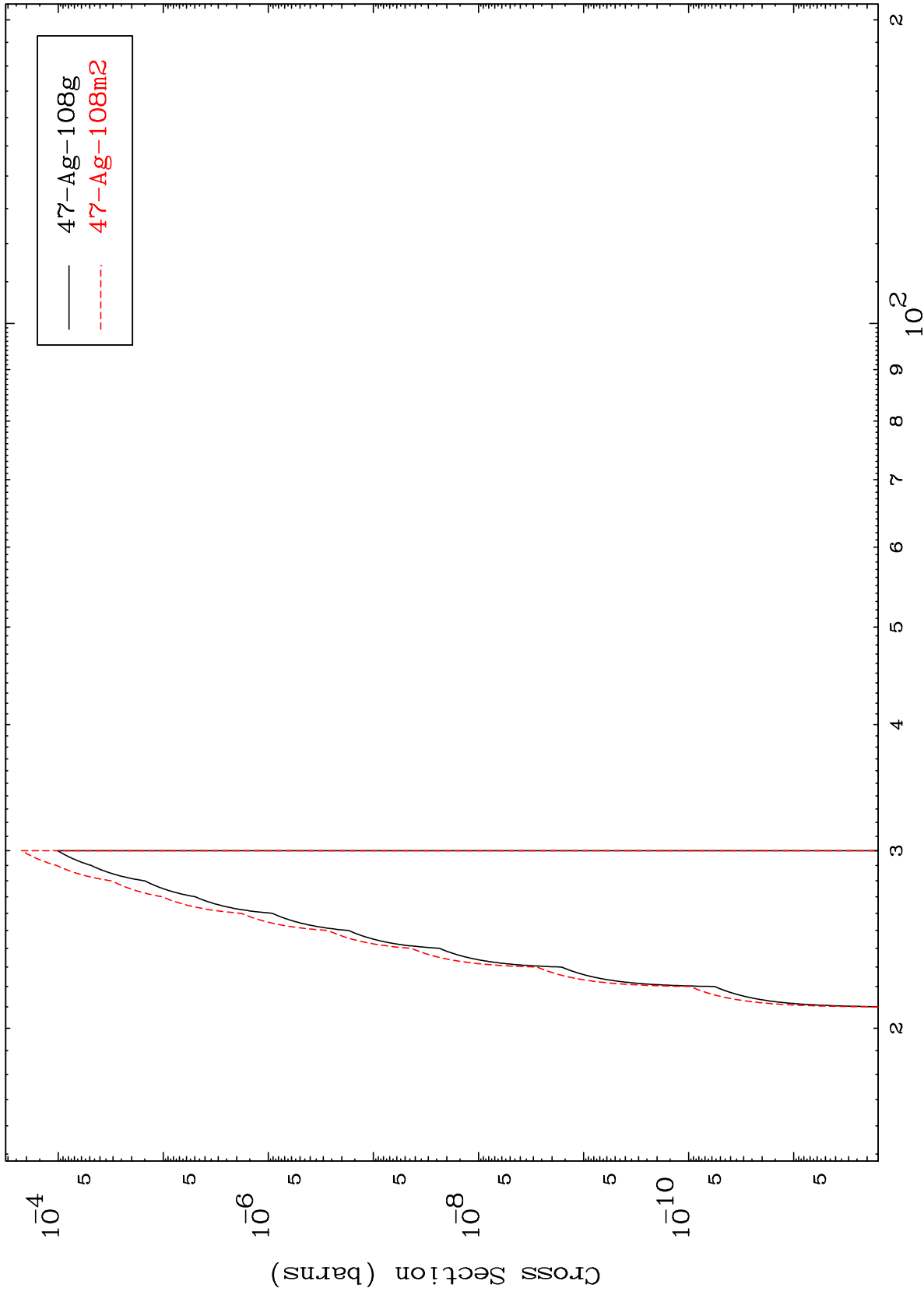
49-In-111

MAT 4920

(n, n') He-3

49-In-111

Radionuclide Production Cross Section



26

Incident Energy (MeV)

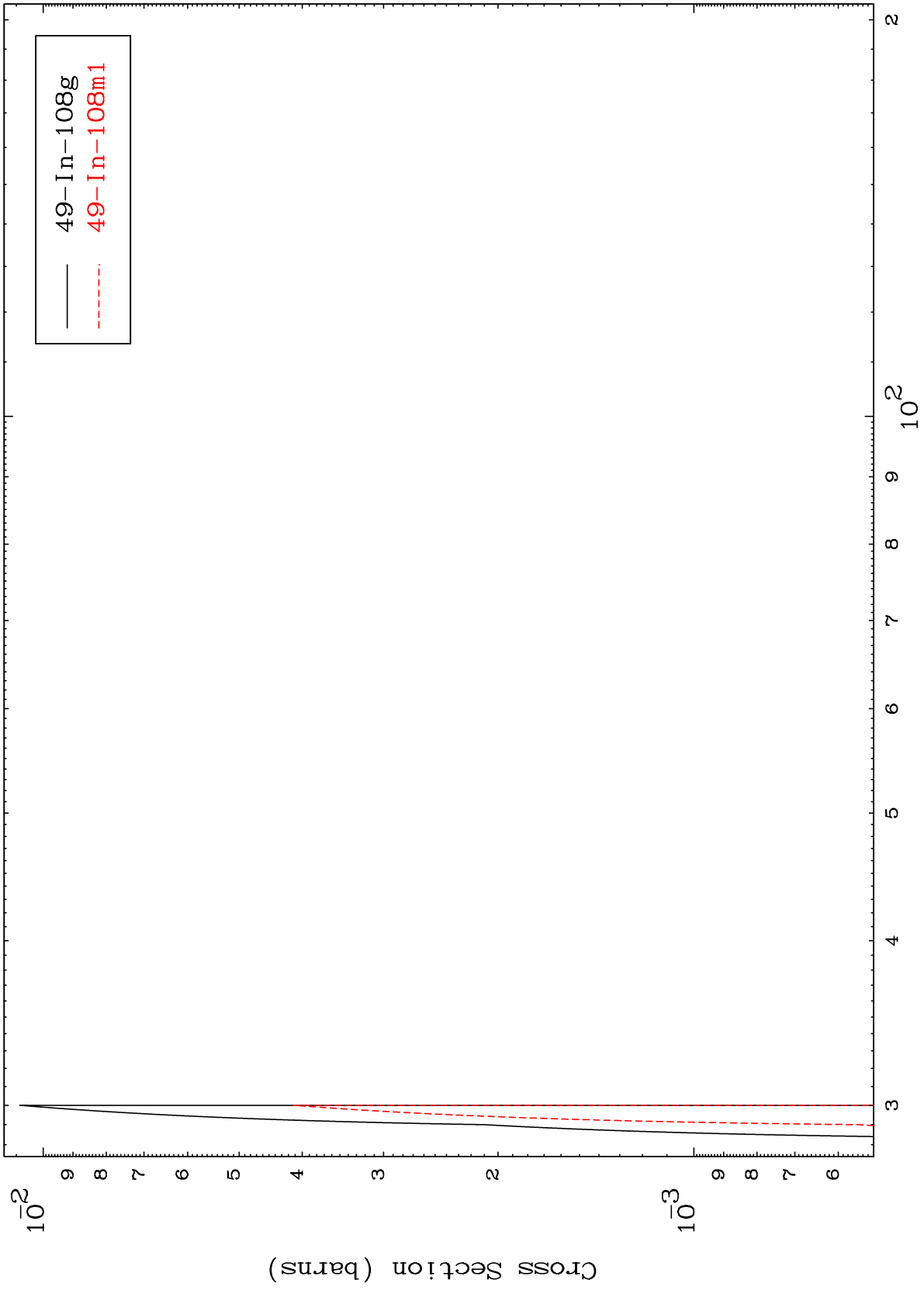
49-In-111

MAT 4920

(n,4n)

49-In-111

Radionuclide Production Cross Section



49-In-108g
49-In-108m1

27

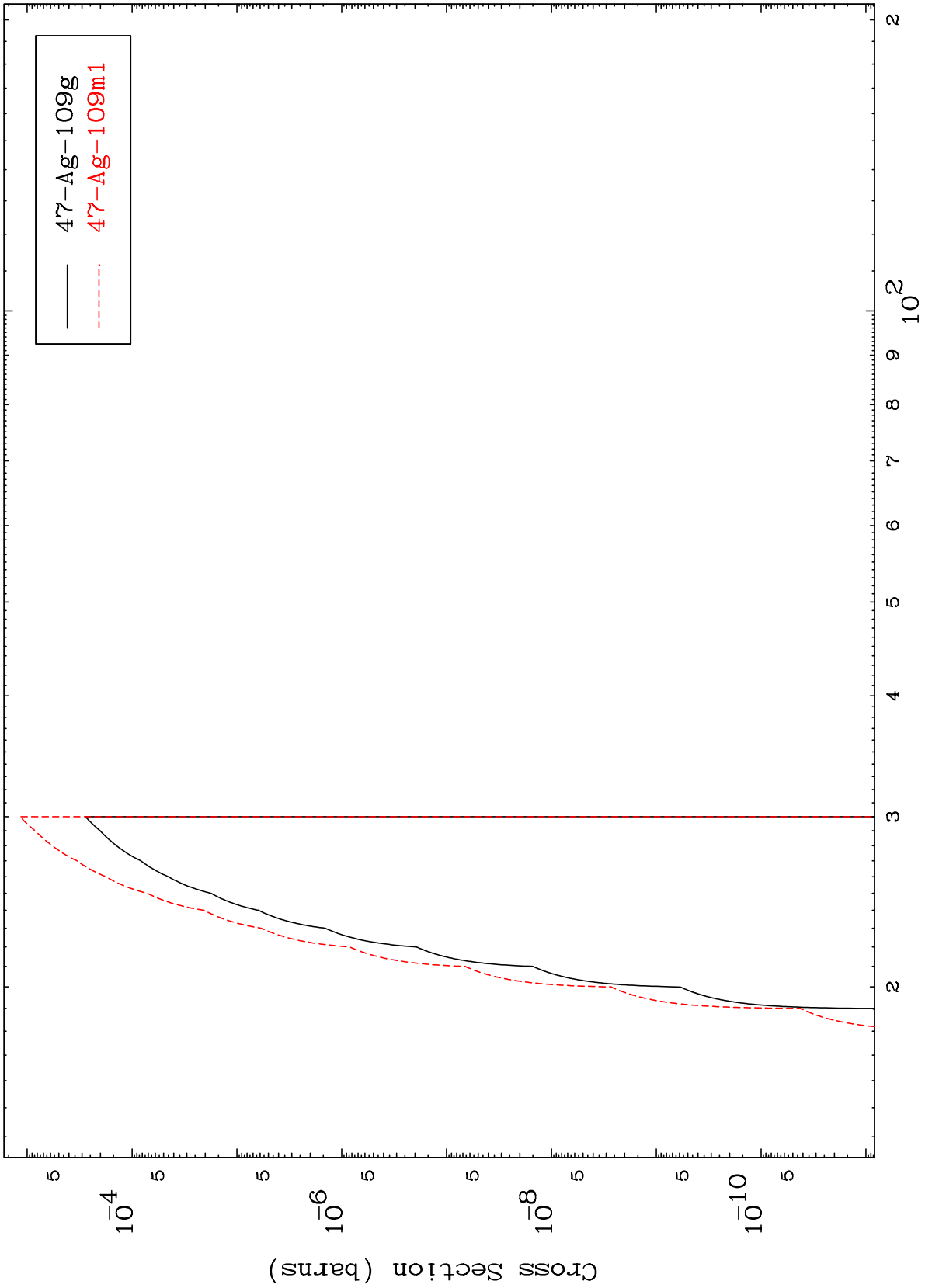
49-In-111

MAT 4920

(n,2n) p

49-In-111

Radionuclide Production Cross Section



28

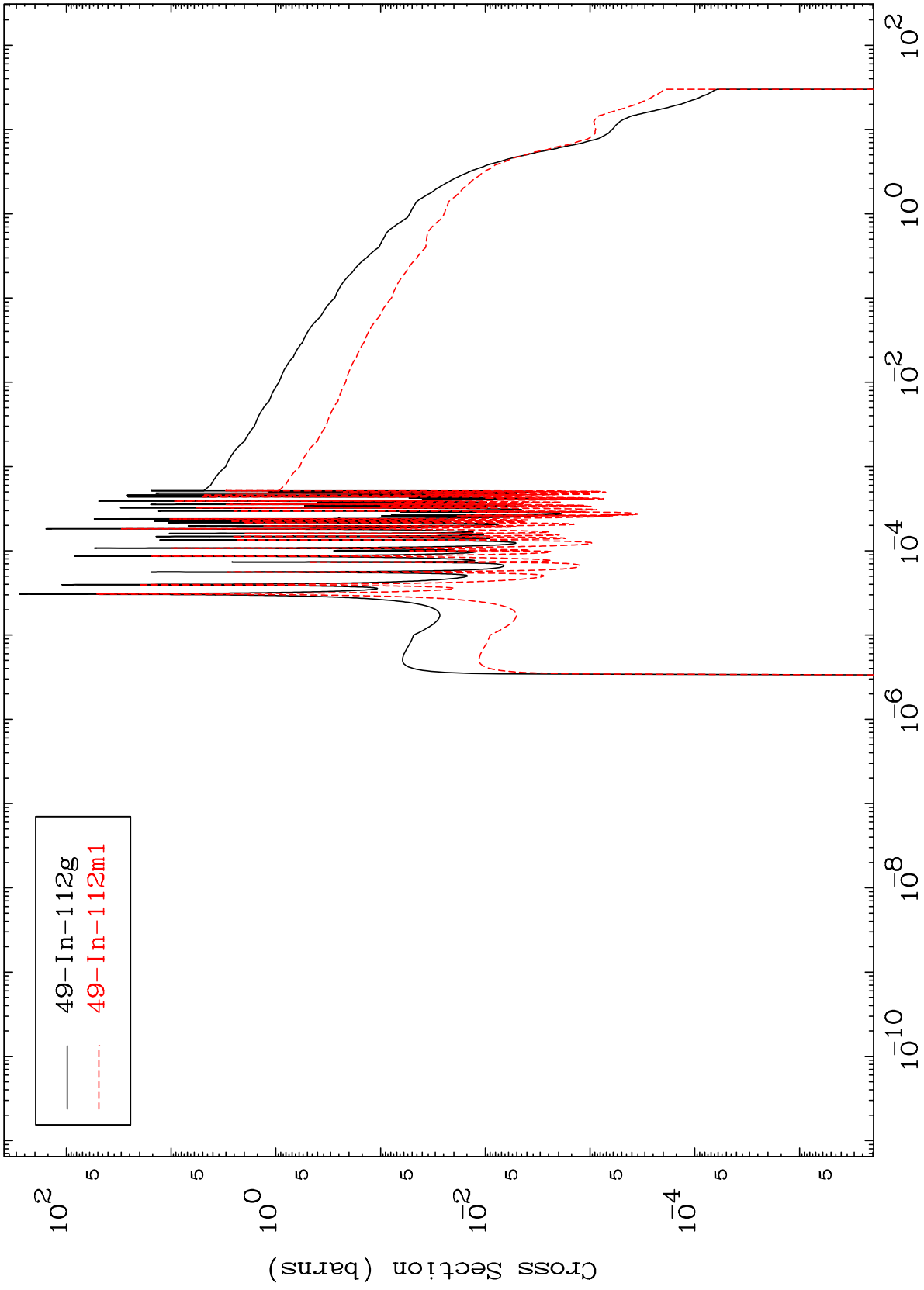
Incident Energy (MeV)

49-In-111

MAT 4920

49-In-111

Radionuclide Production Cross Section

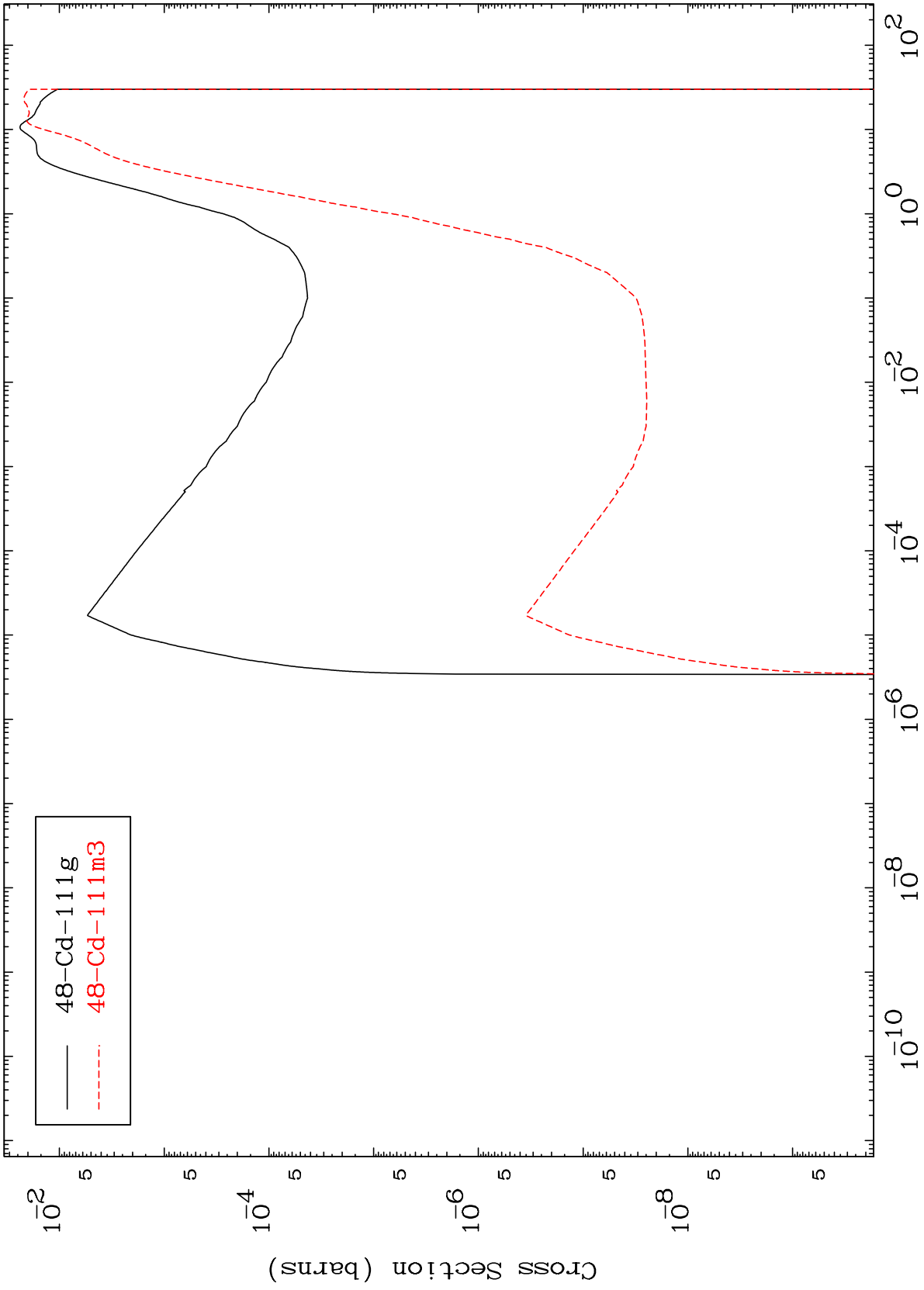


29

MAT 4920

(n,p)
Radionuclide Production Cross Section

49-In-111

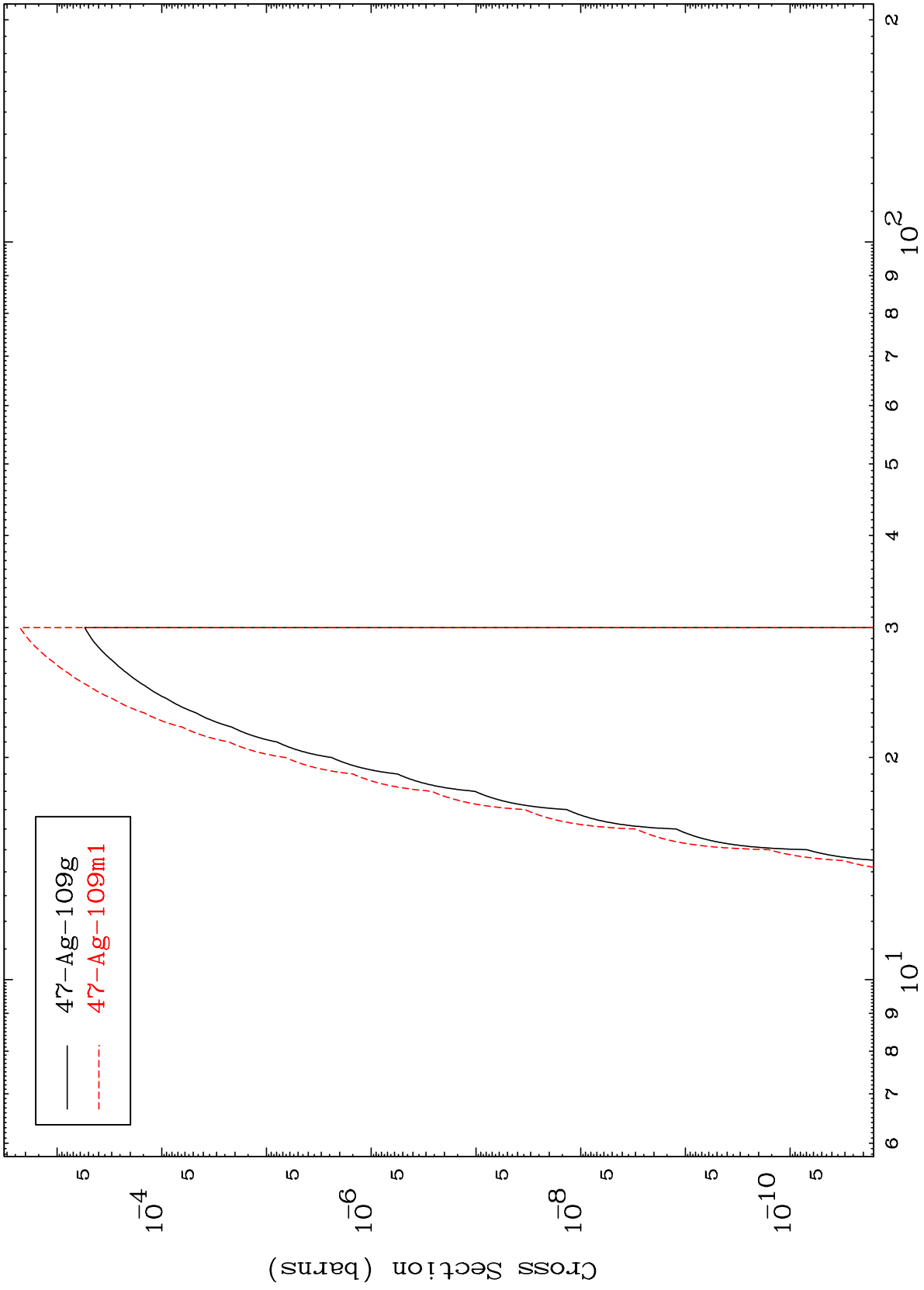


— 48-Cd-111g
- - - 48-Cd-111m3

MAT 4920

49-In-111

(n,He-3)
Radionuclide Production Cross Section



31

49-In-111

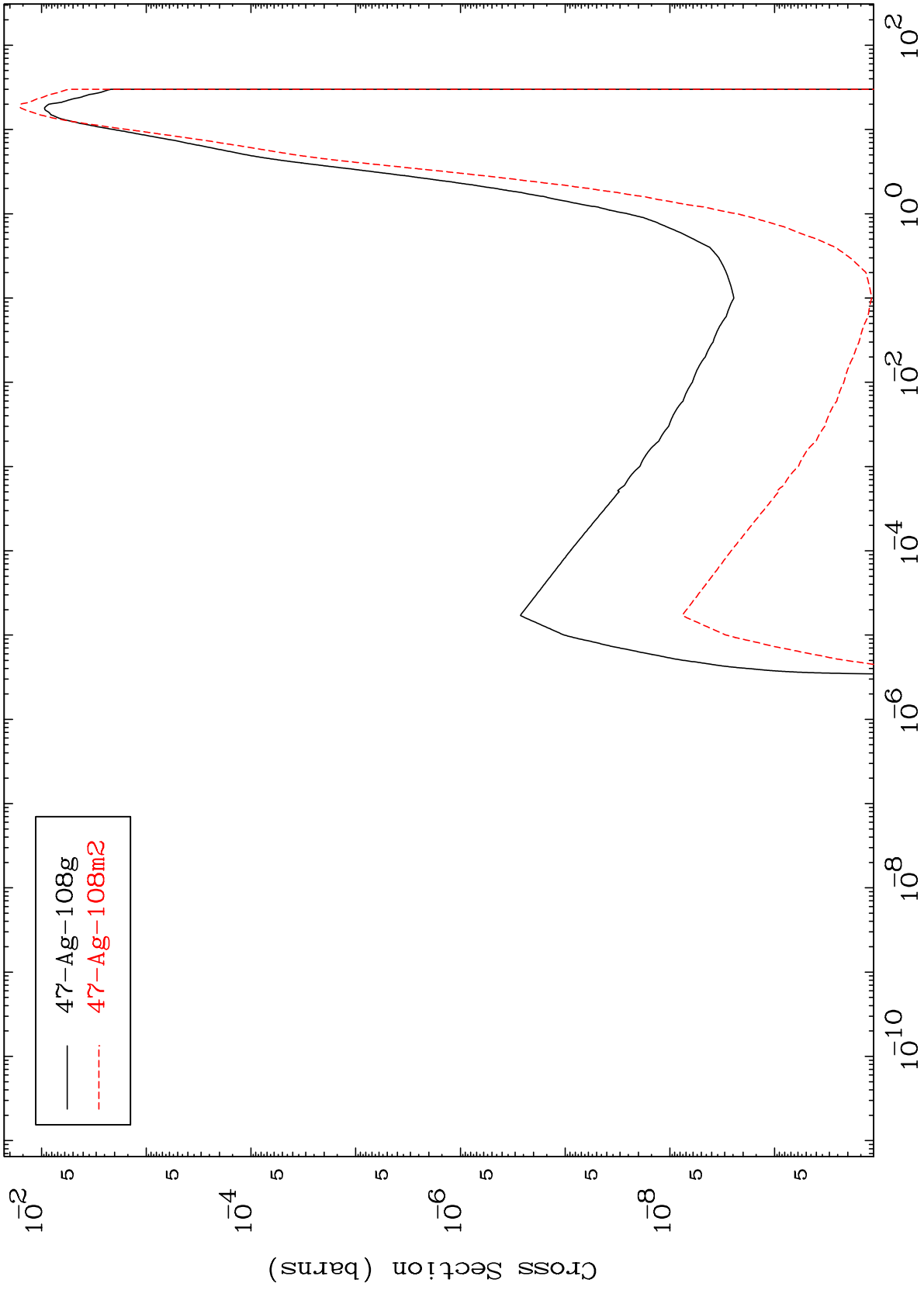
Incident Energy (MeV)

MAT 4920

(n, α)

49-In-111

Radionuclide Production Cross Section



32

Incident Energy (MeV)

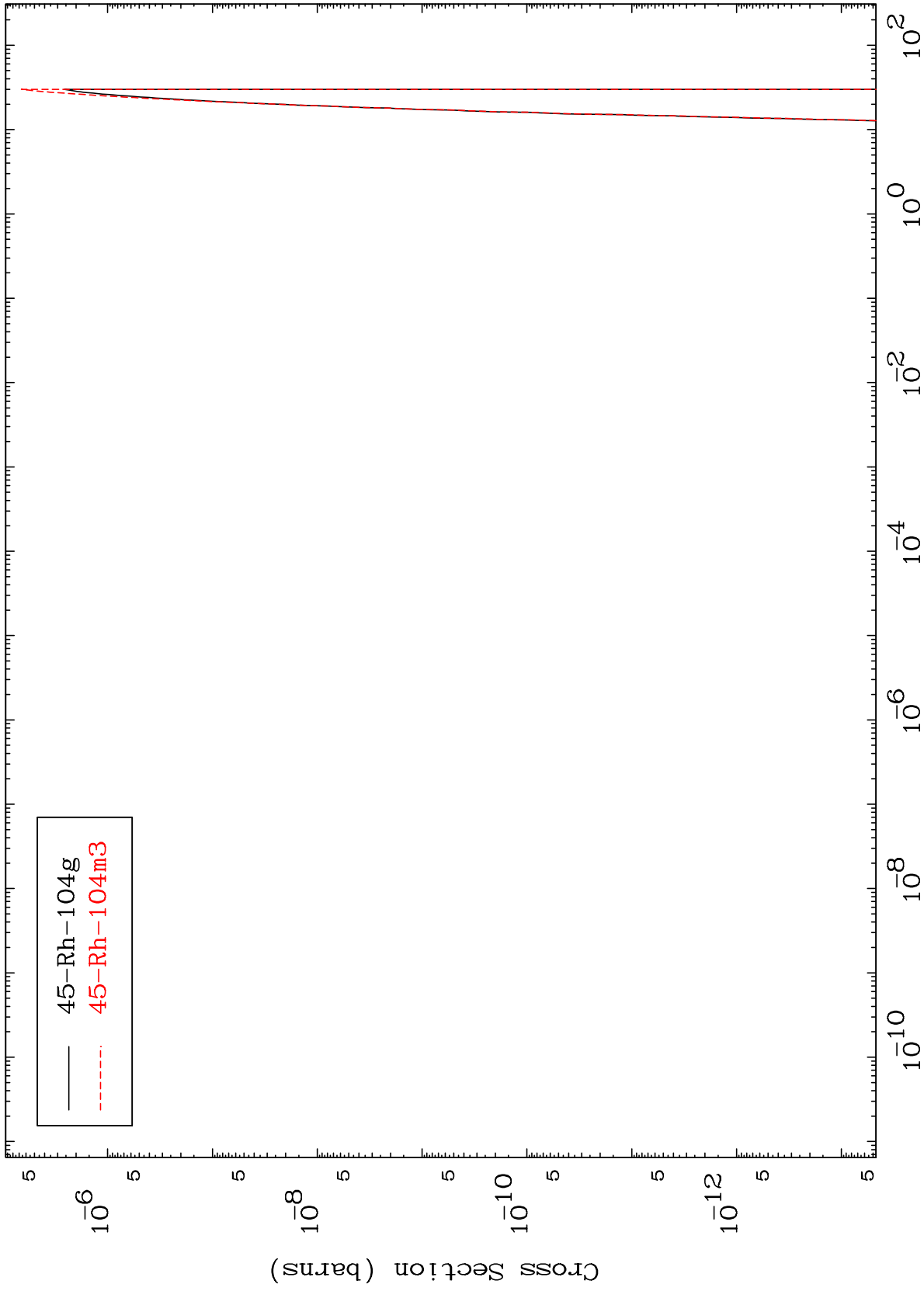
49-In-111

MAT 4920

(n,2α)

49-In-111

Radionuclide Production Cross Section



33

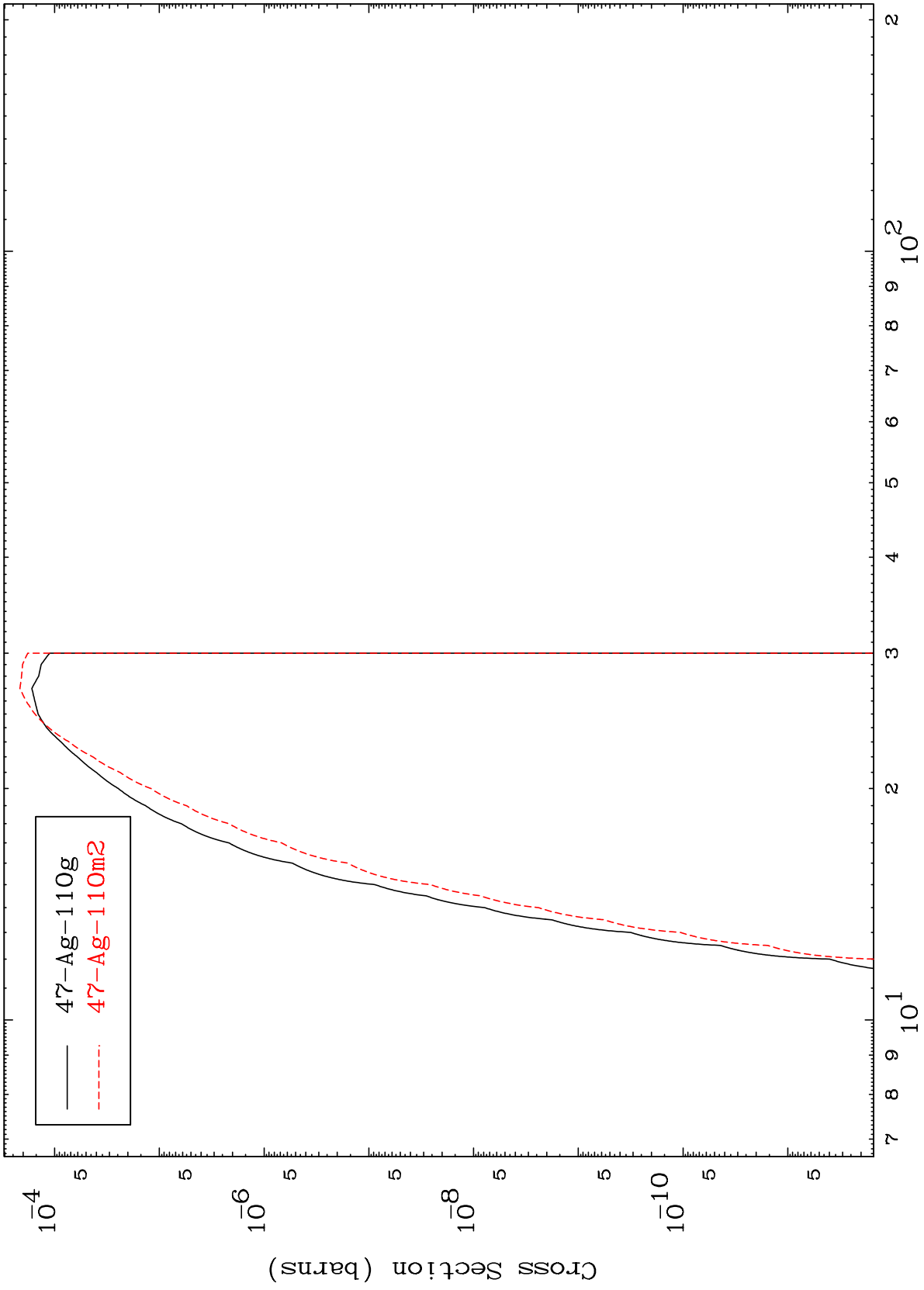
Incident Energy (MeV)

49-In-111

MAT 4920

49-In-111

(n,2p)
Radionuclide Production Cross Section



34

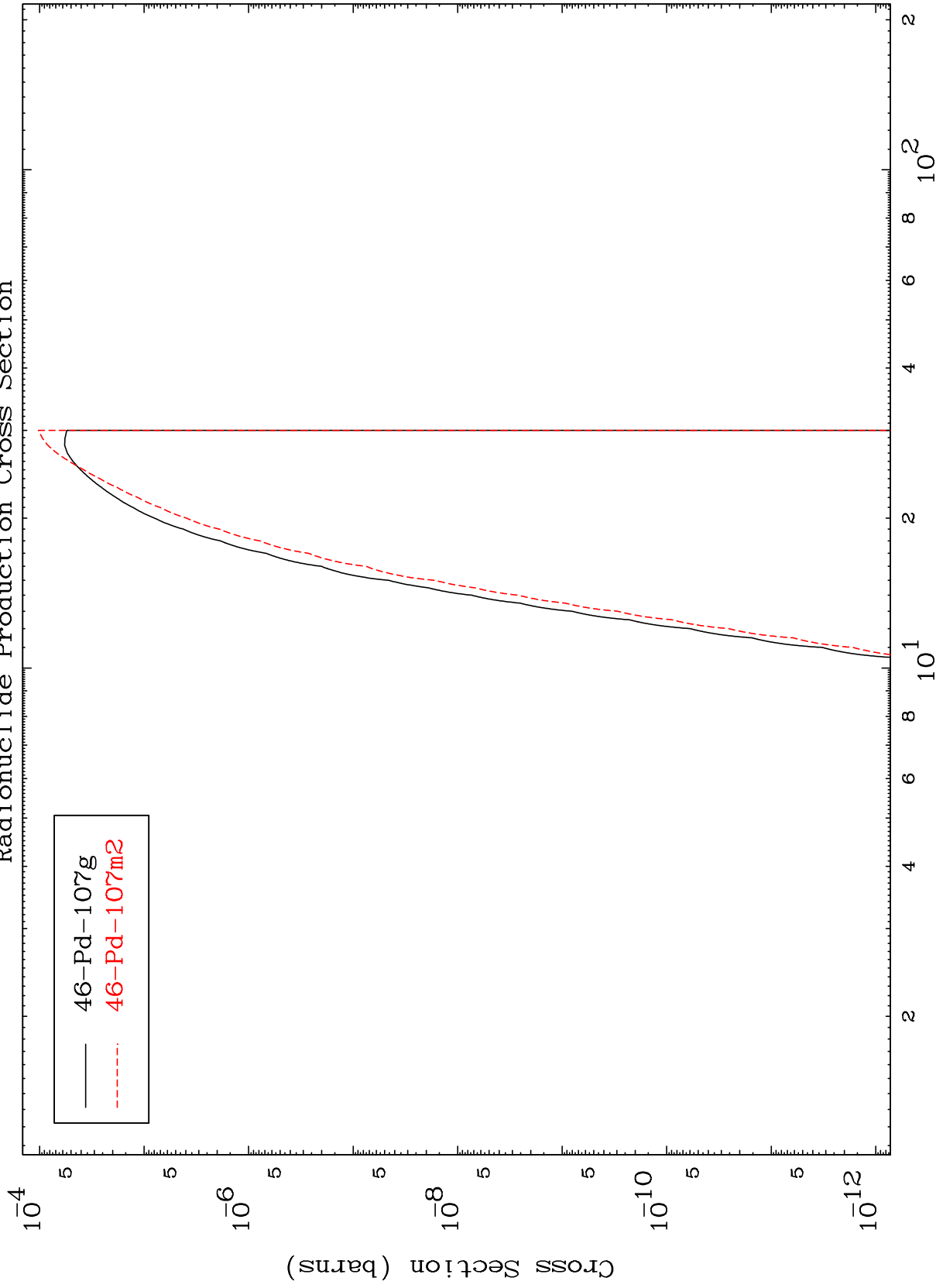
49-In-111

MAT 4920

(n,p) α

49-In-111

Radionuclide Production Cross Section



35

Incident Energy (MeV)

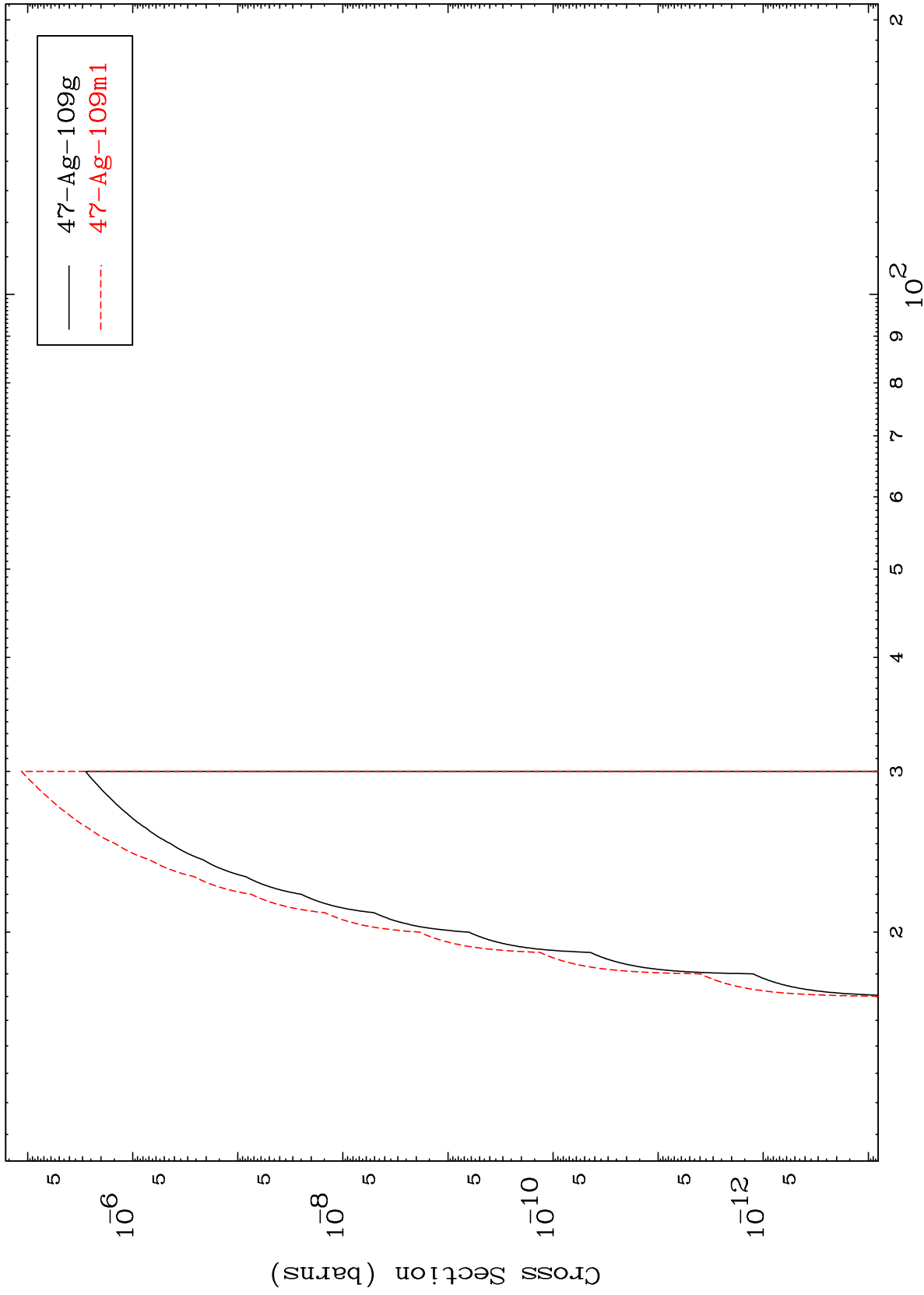
49-In-111

MAT 4920

(n,p) d

49-In-111

Radionuclide Production Cross Section



36

Incident Energy (MeV)

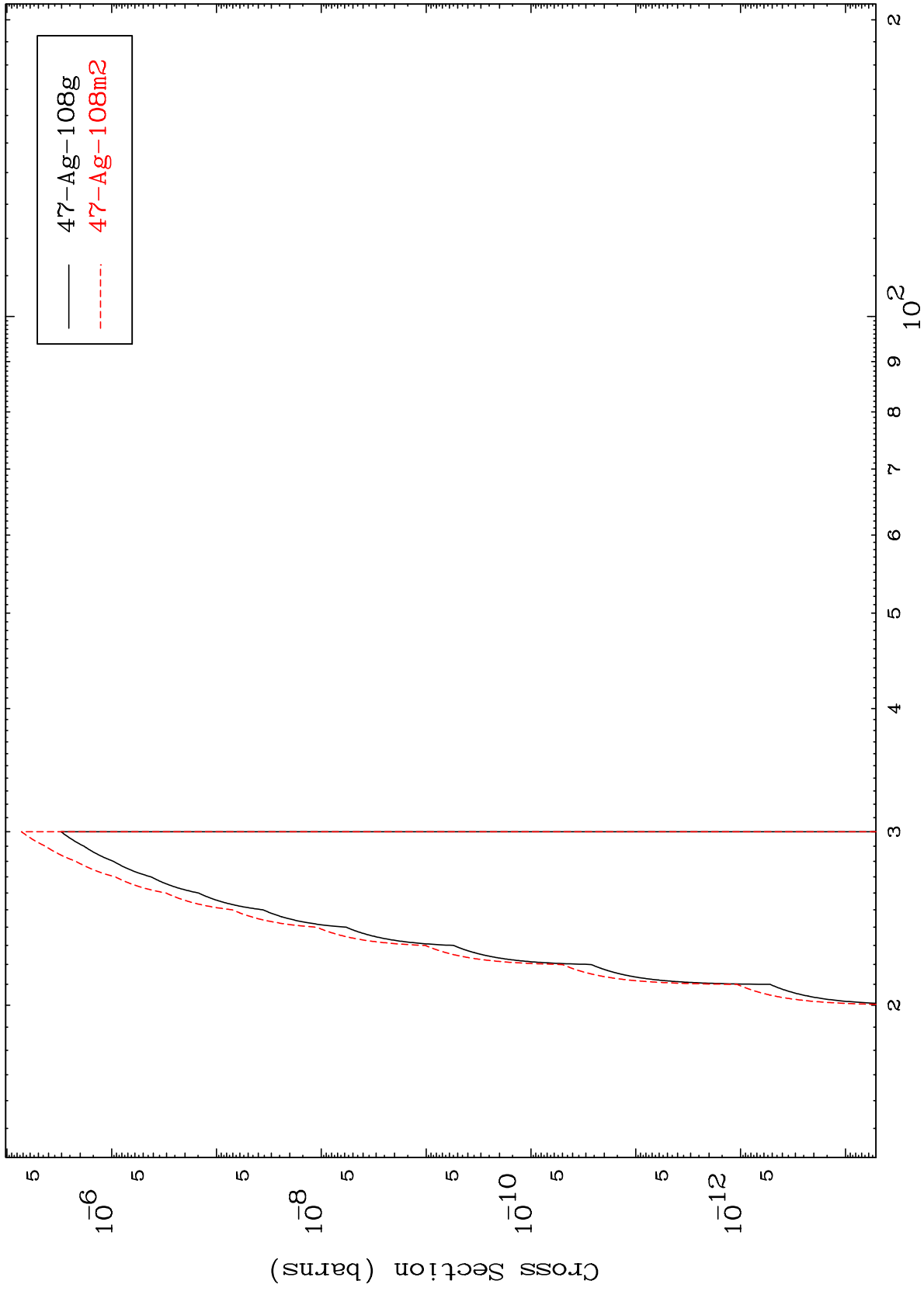
49-In-111

MAT 4920

(n,p) t

49-In-111

Radionuclide Production Cross Section



37

Incident Energy (MeV)

49-In-111