

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

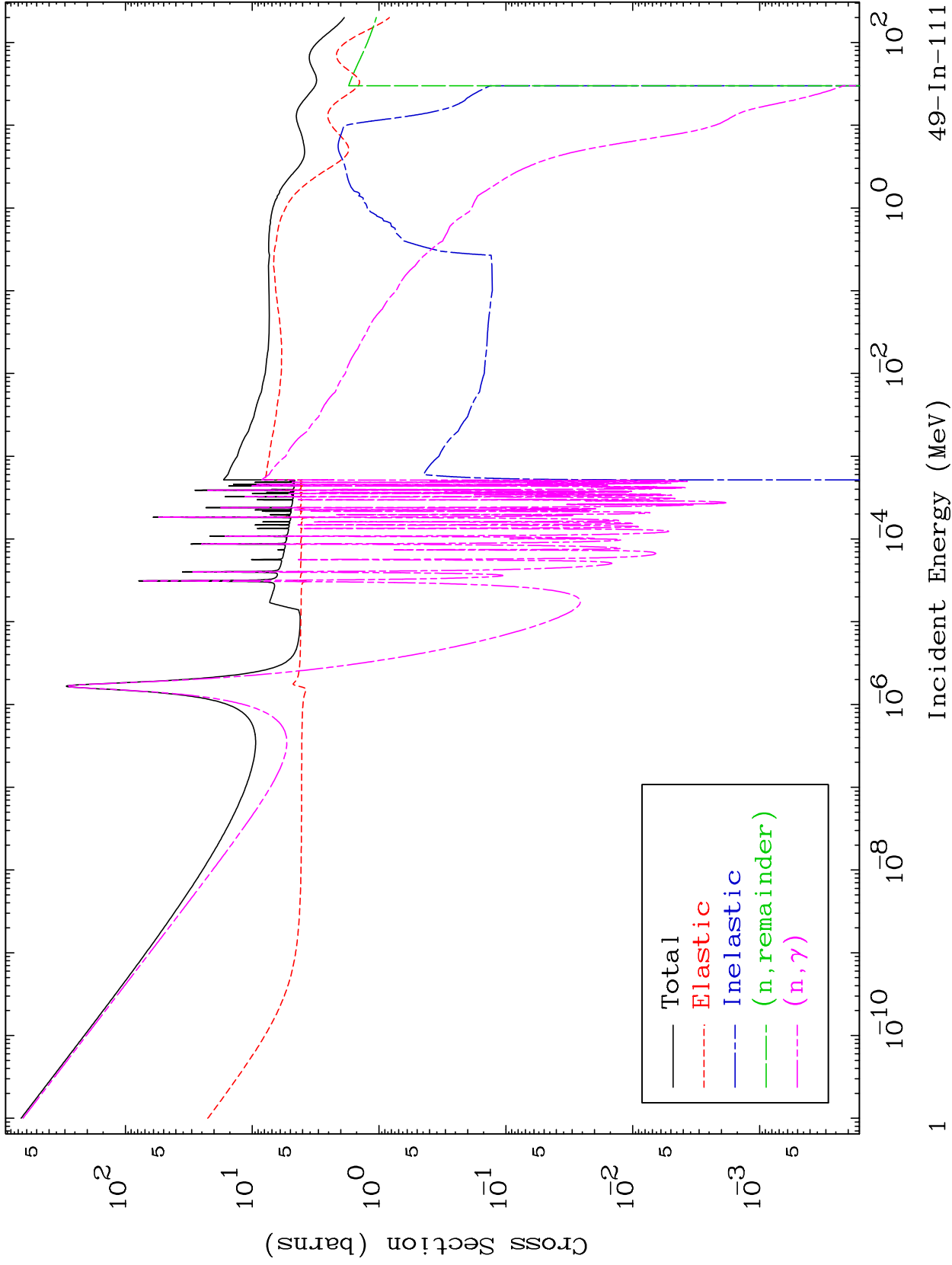
Press Mouse Button to Start

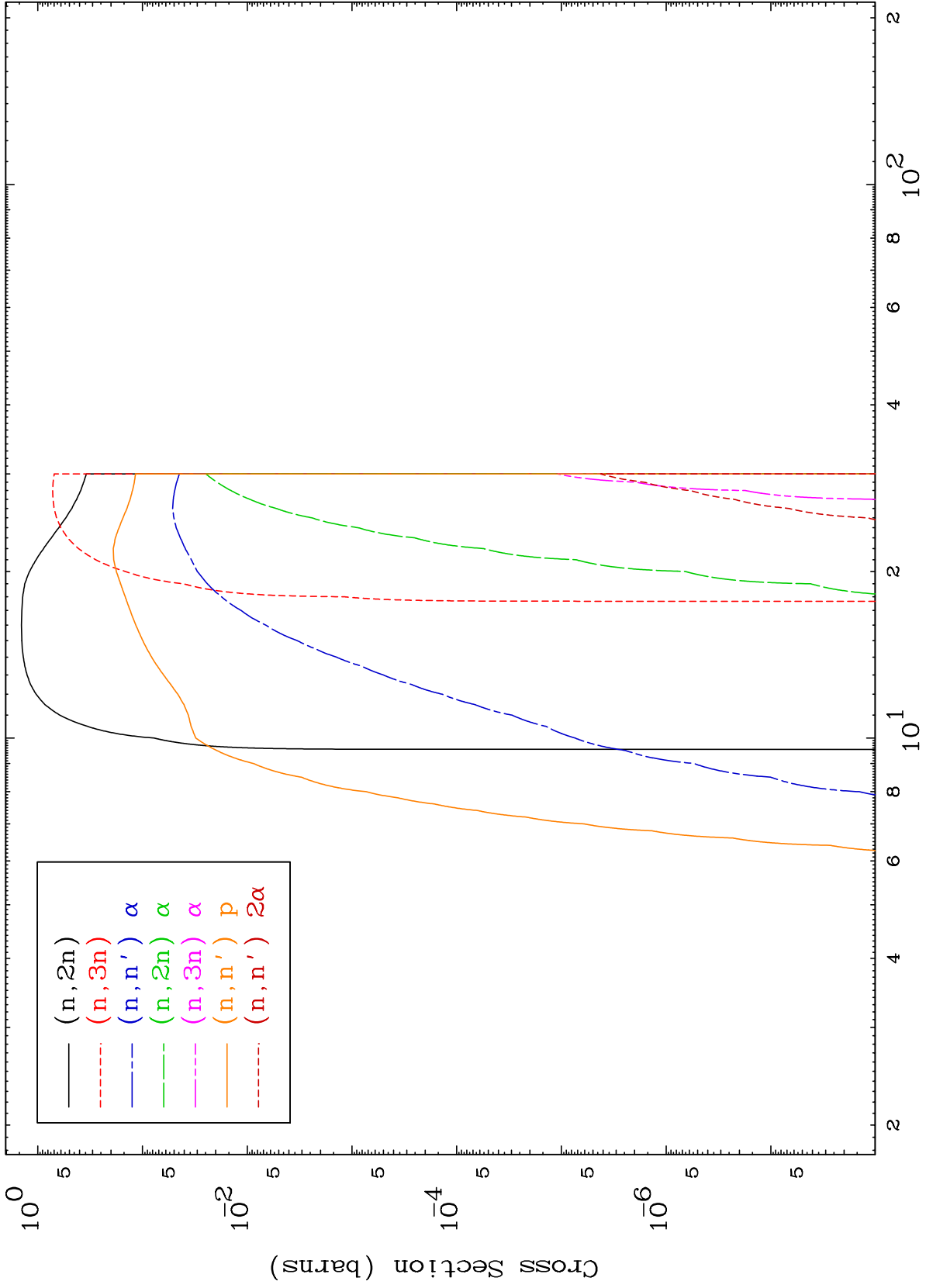
MAT 4920

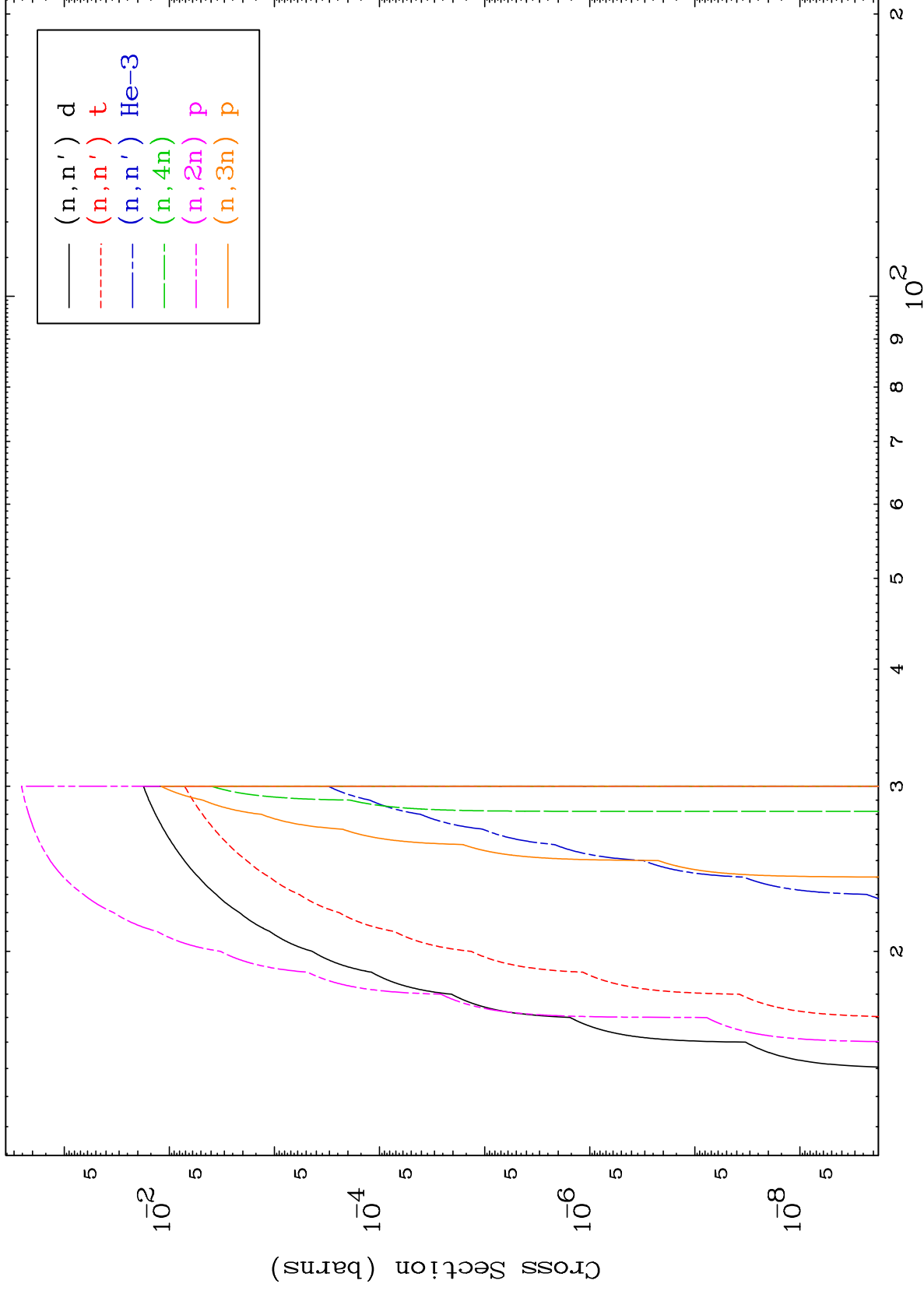
Major

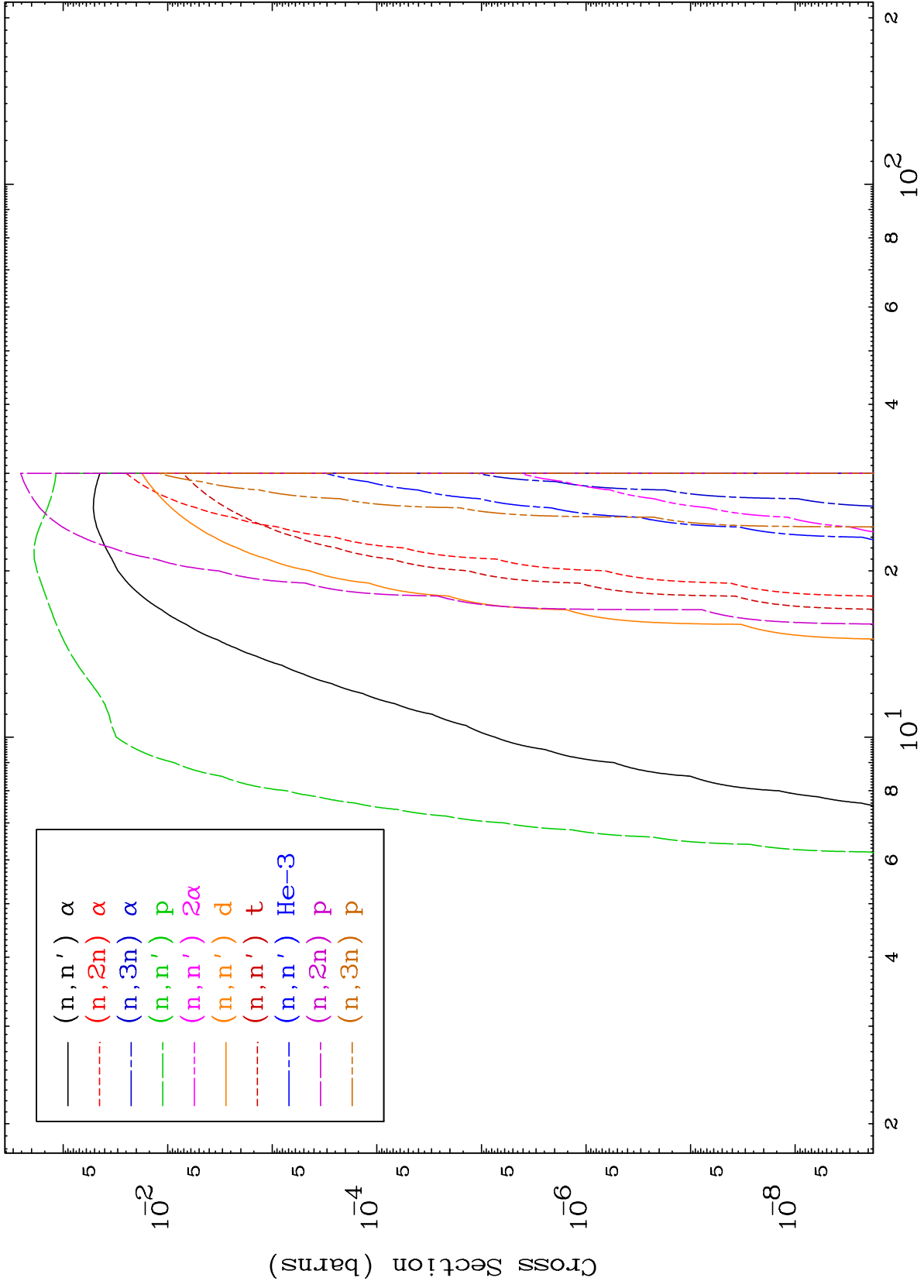
293 Kelvin Cross Sections

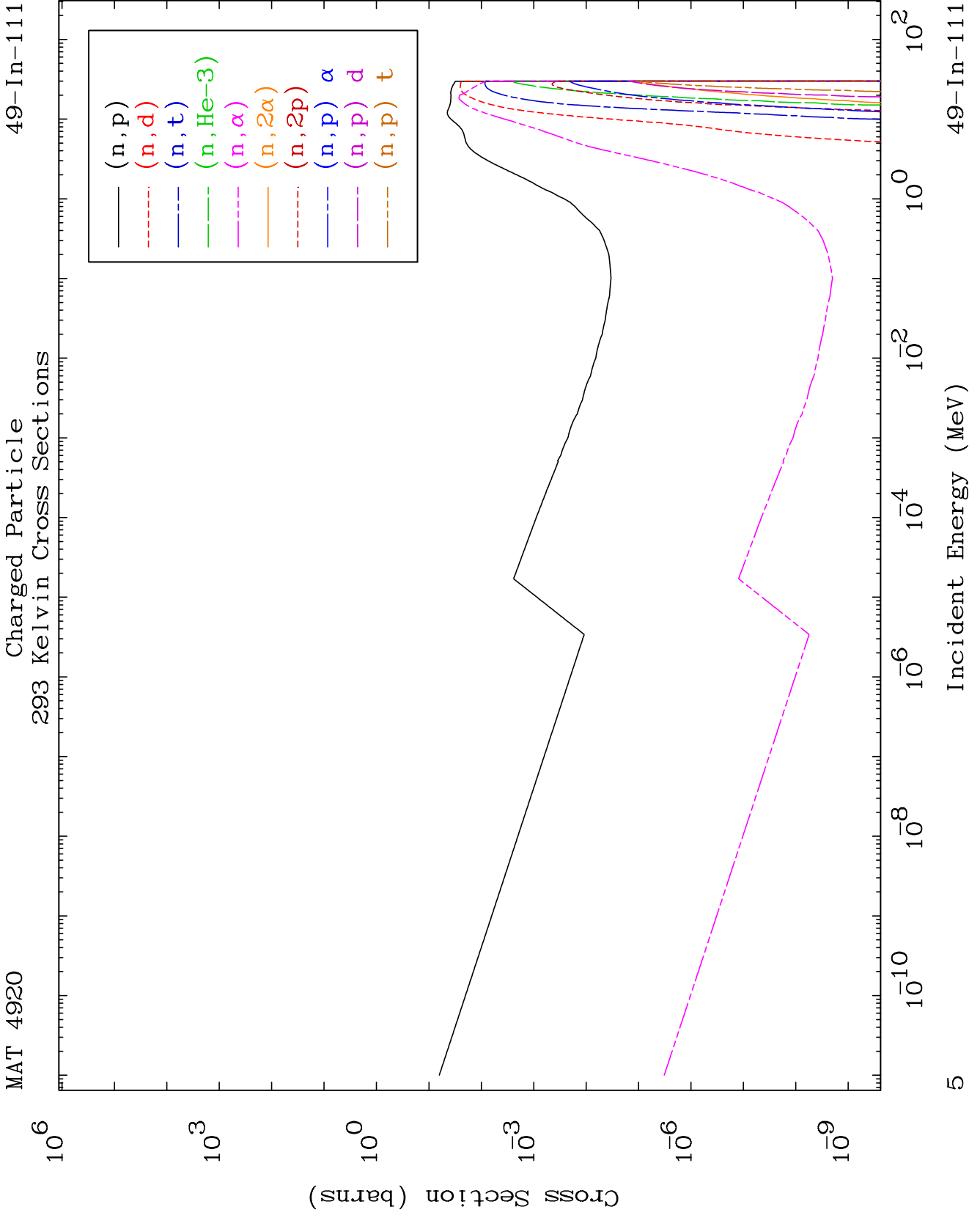
49-In-111







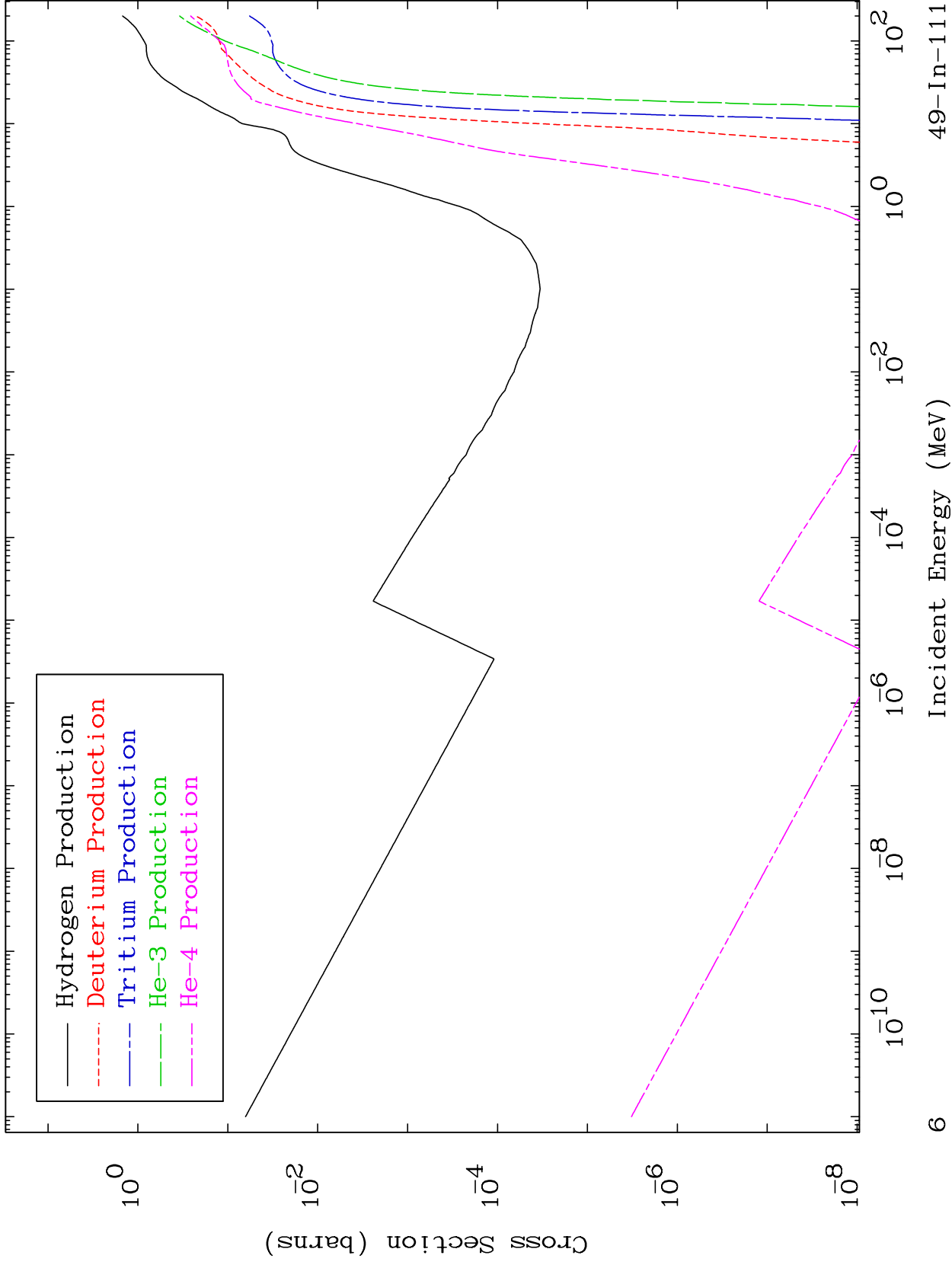




MAT 4920

Particle Production
293 Kelvin Cross Sections

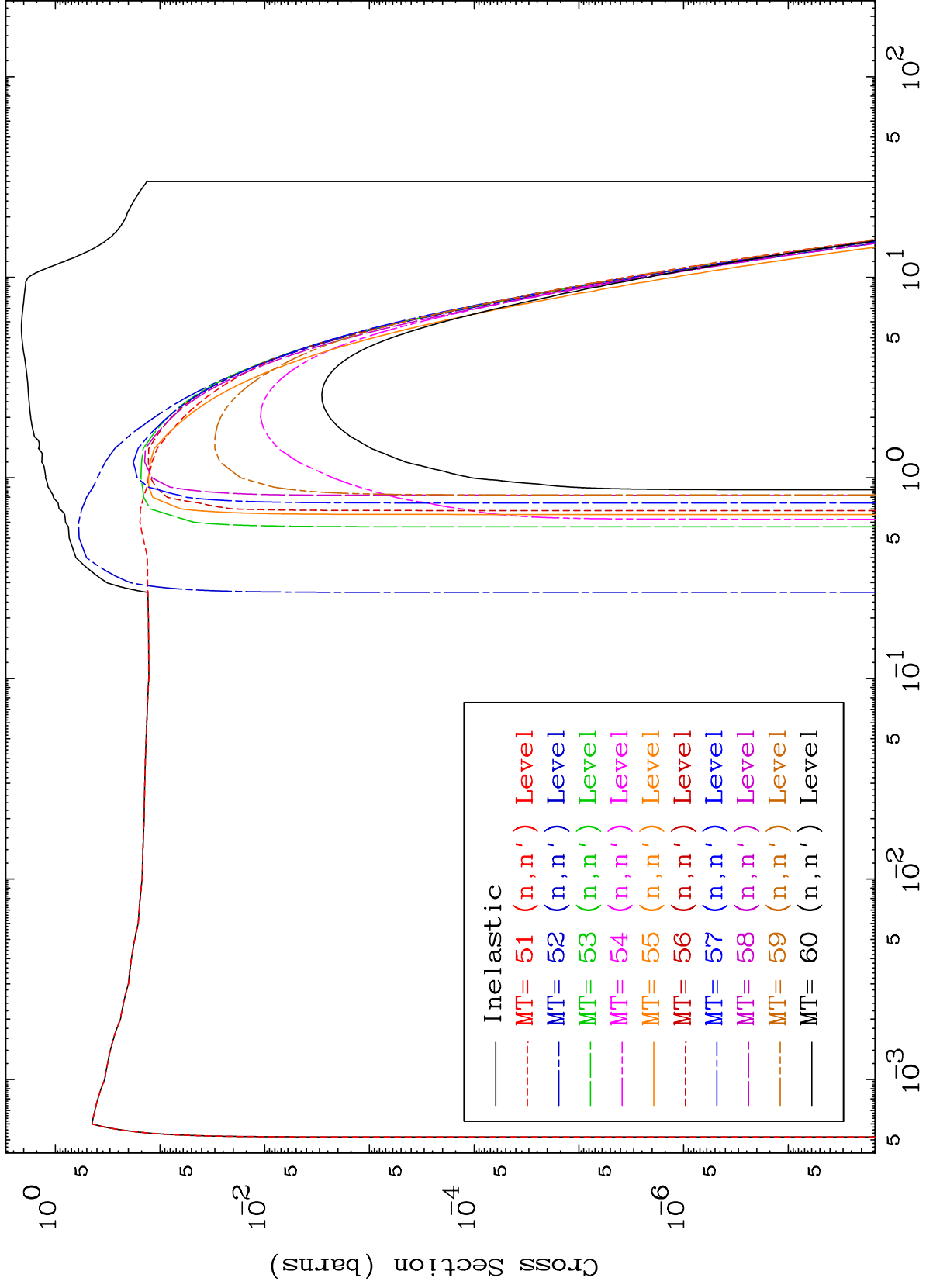
49-In-111



MAT 4920

(n,n') Level
293 Kelvin Cross Sections

49-In-111

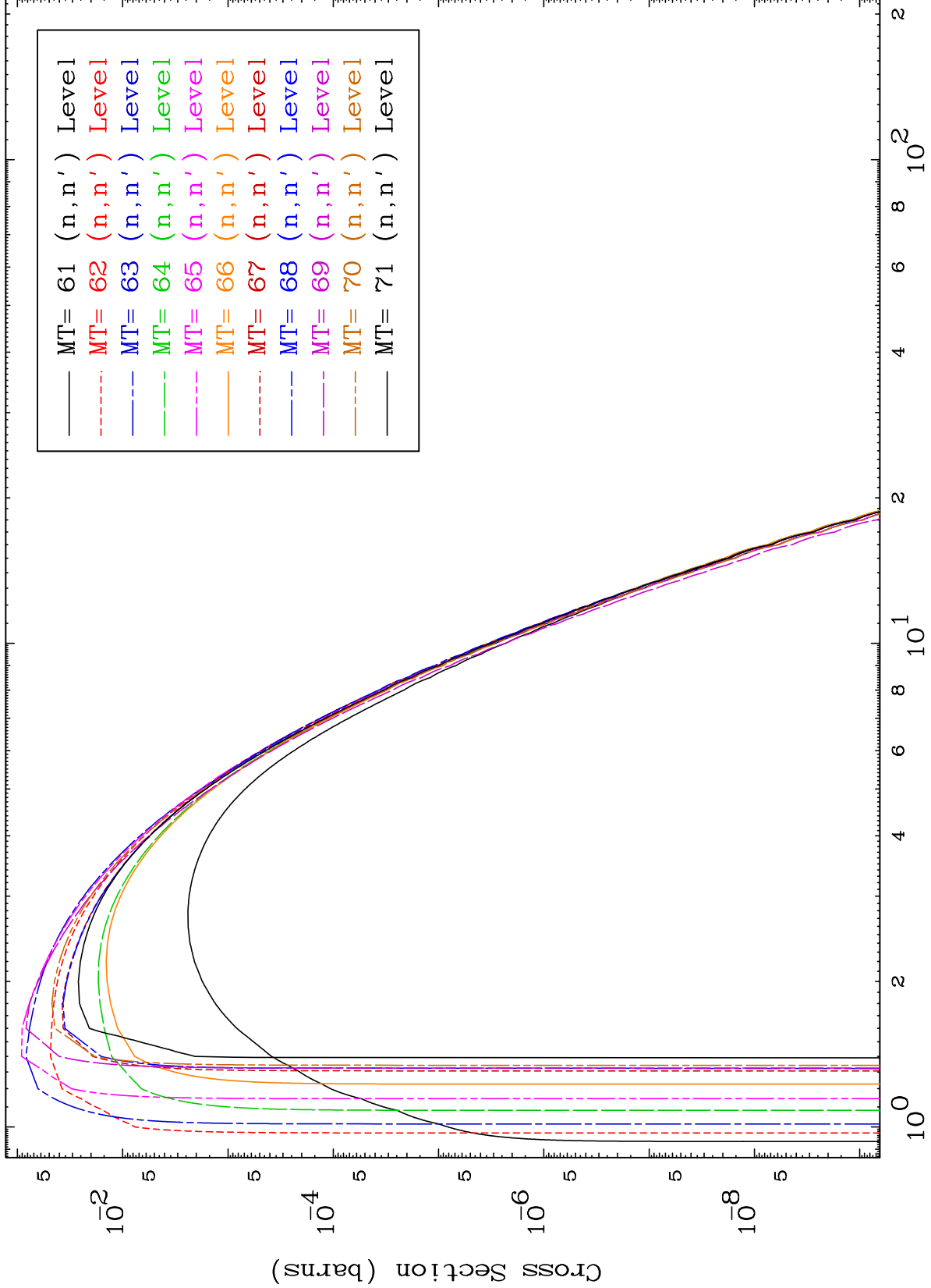


MAT 4920

(n,n') Level

49-In-111

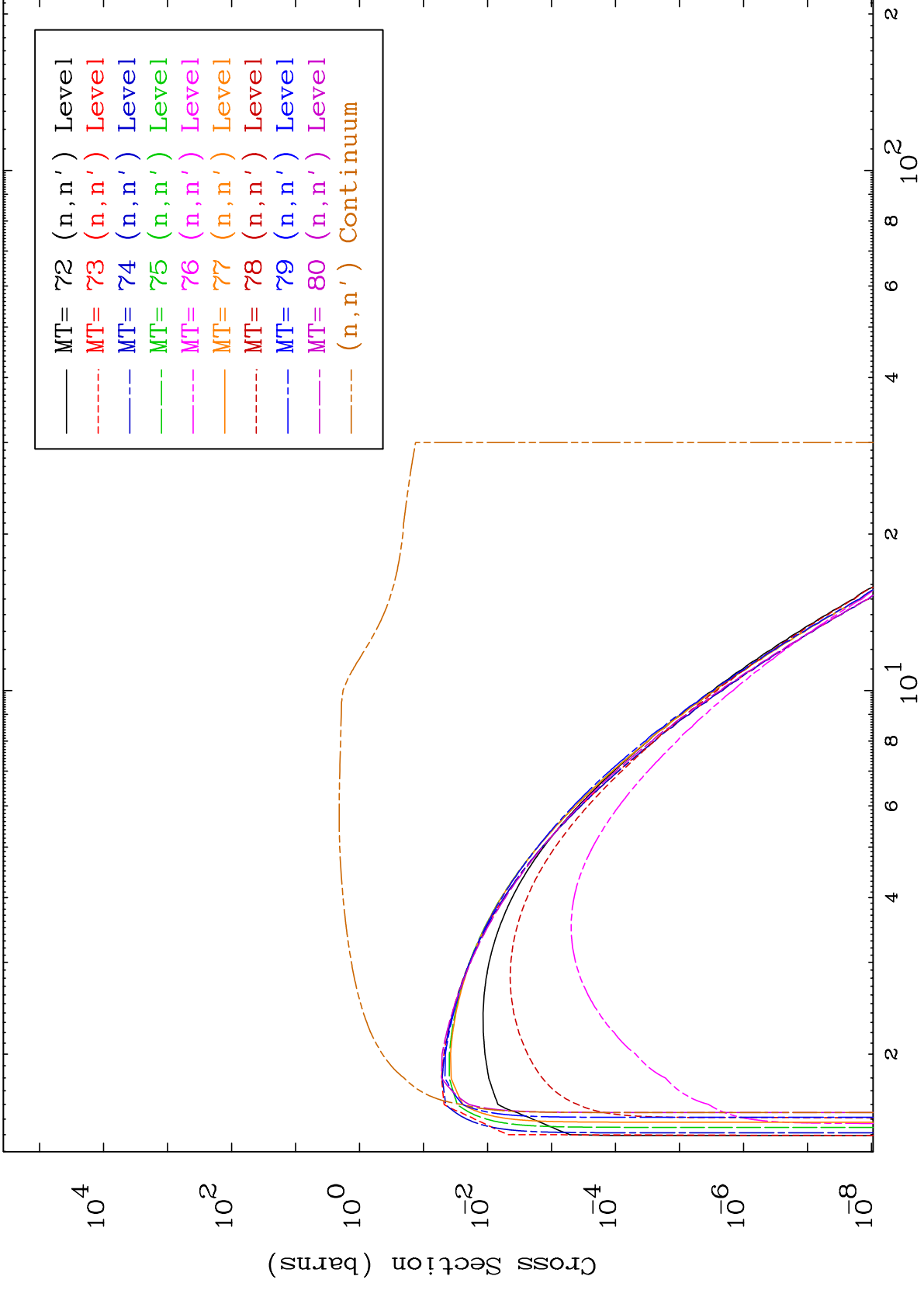
293 Kelvin Cross Sections



Incident Energy (MeV)

49-In-111

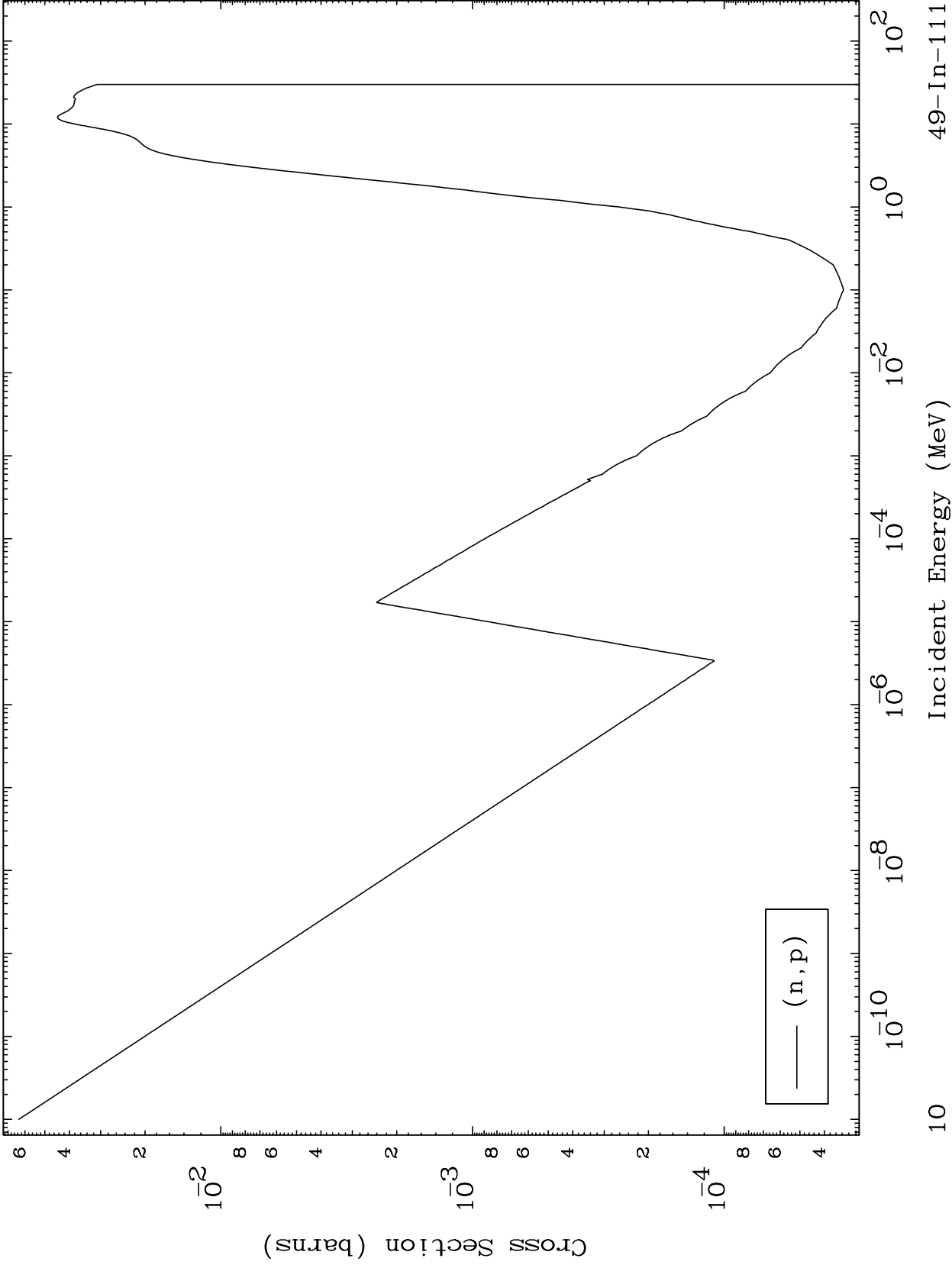
293 Kelvin Cross Sections



MAT 4920

(n,p) Levels
293 Kelvin Cross Sections

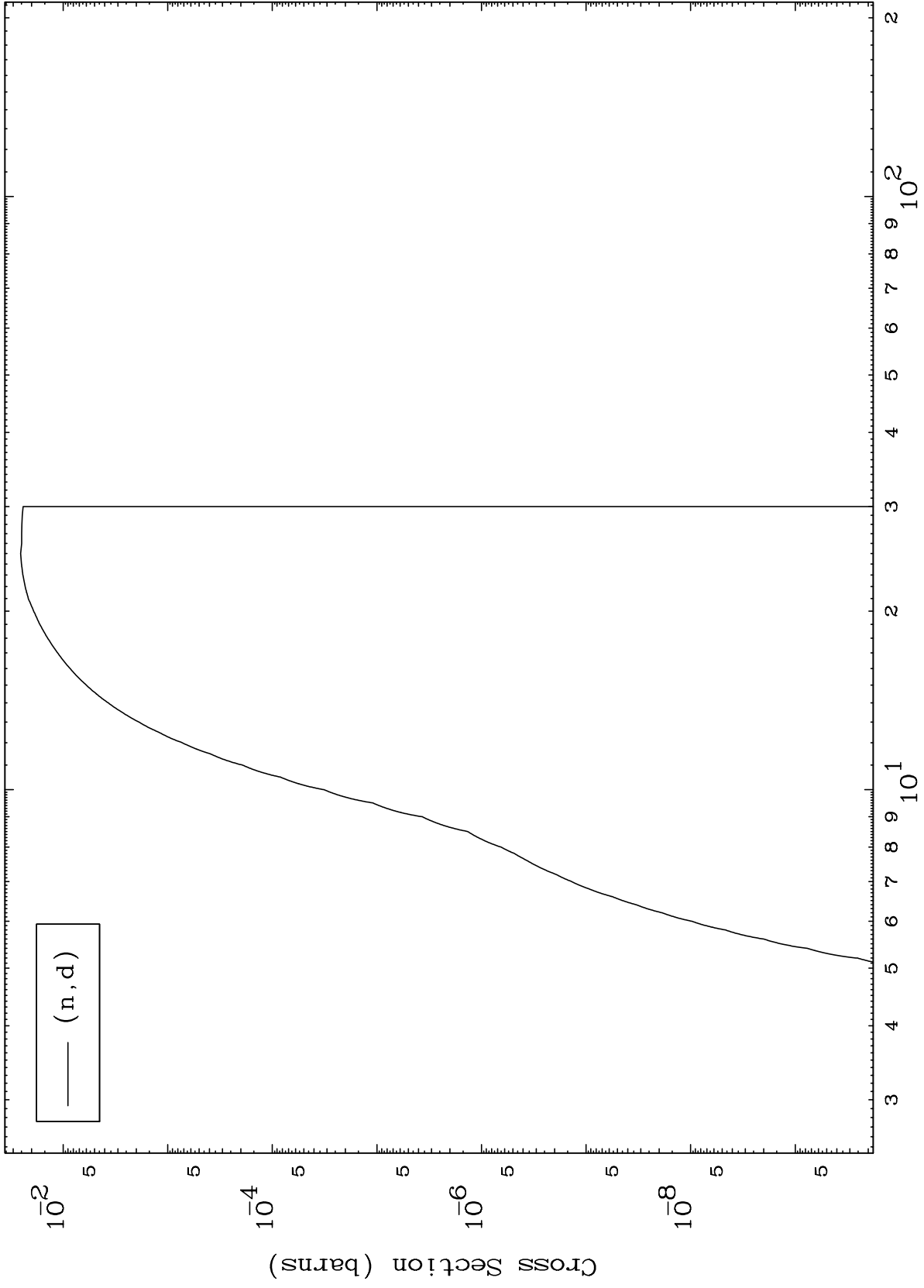
49-In-111



MAT 4920

(n,d) Levels
293 Kelvin Cross Sections

49-In-111



11

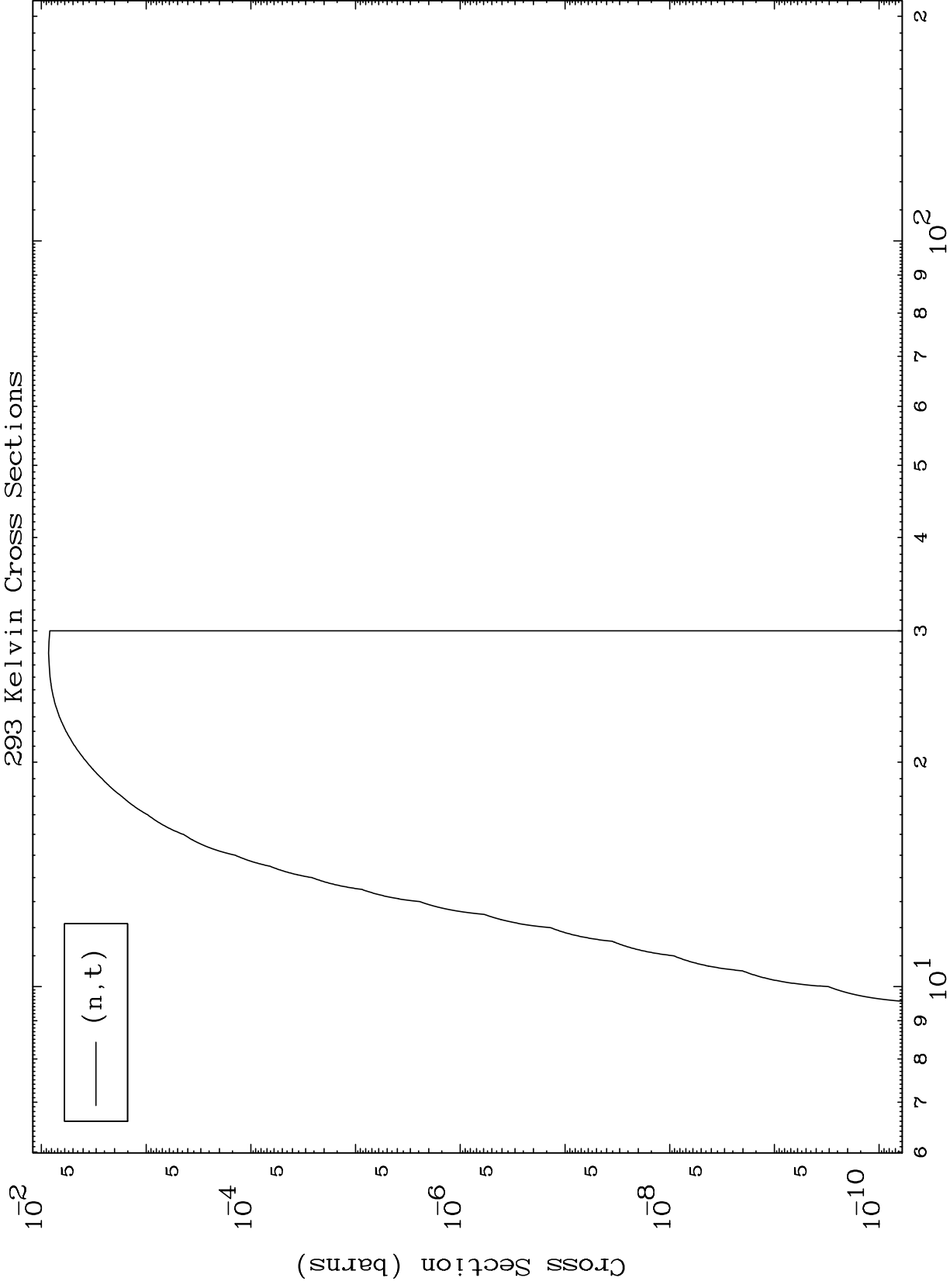
Incident Energy (MeV)

49-In-111

MAT 4920

(n,t) Levels
293 Kelvin Cross Sections

49-In-111



12

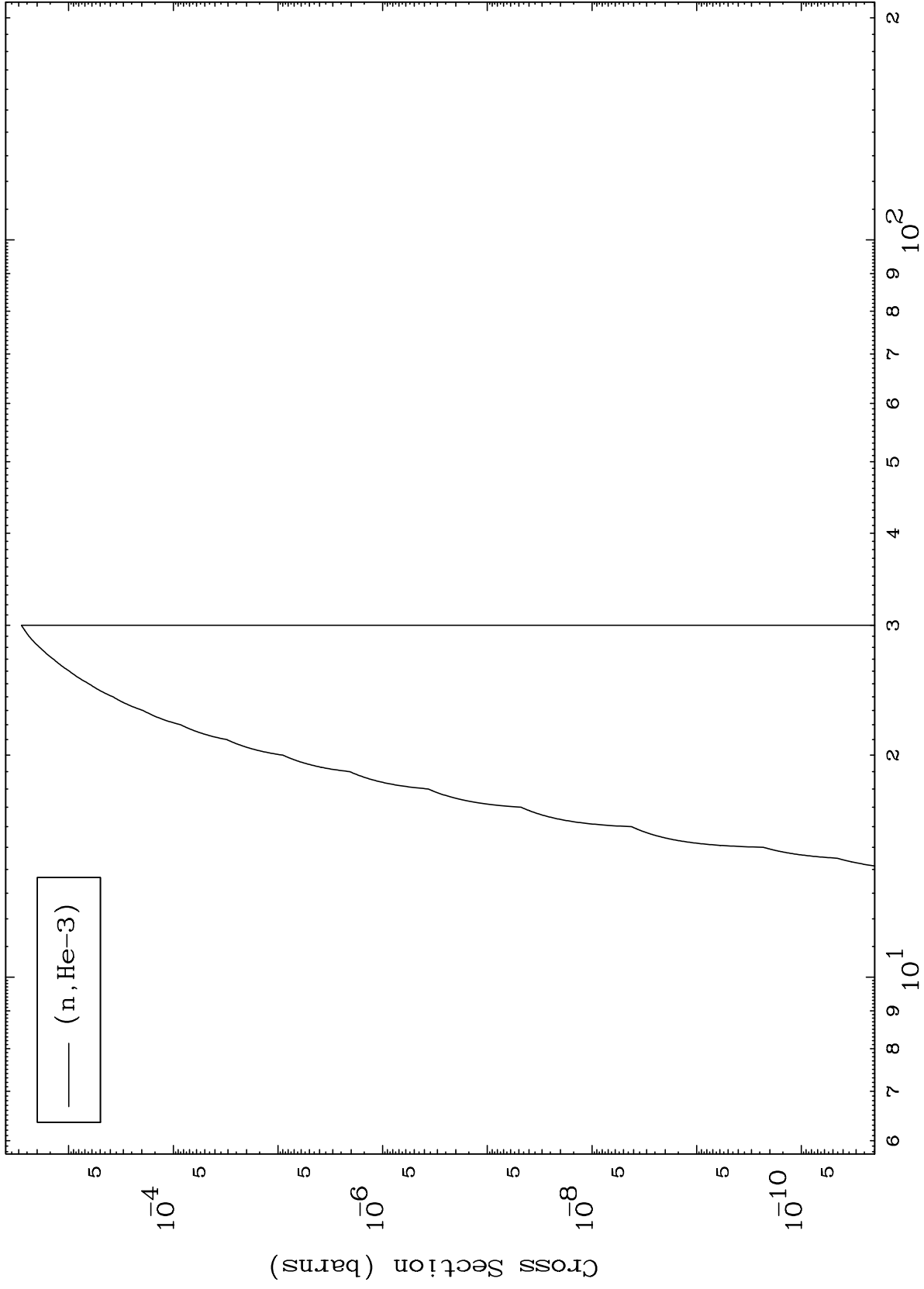
Incident Energy (MeV)

49-In-111

MAT 4920

49-In-111

(n,He3) Levels
293 Kelvin Cross Sections



13

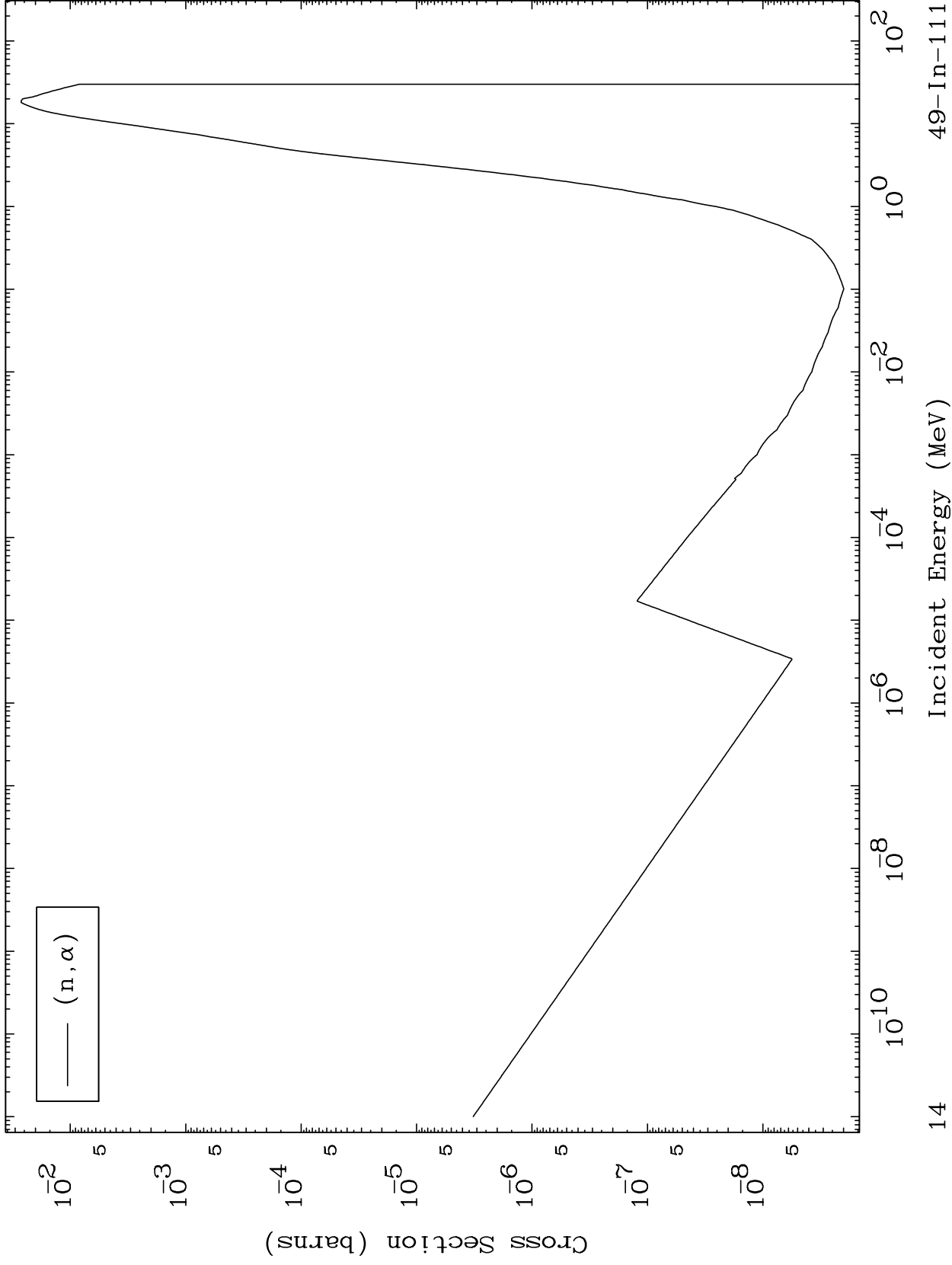
Incident Energy (MeV)

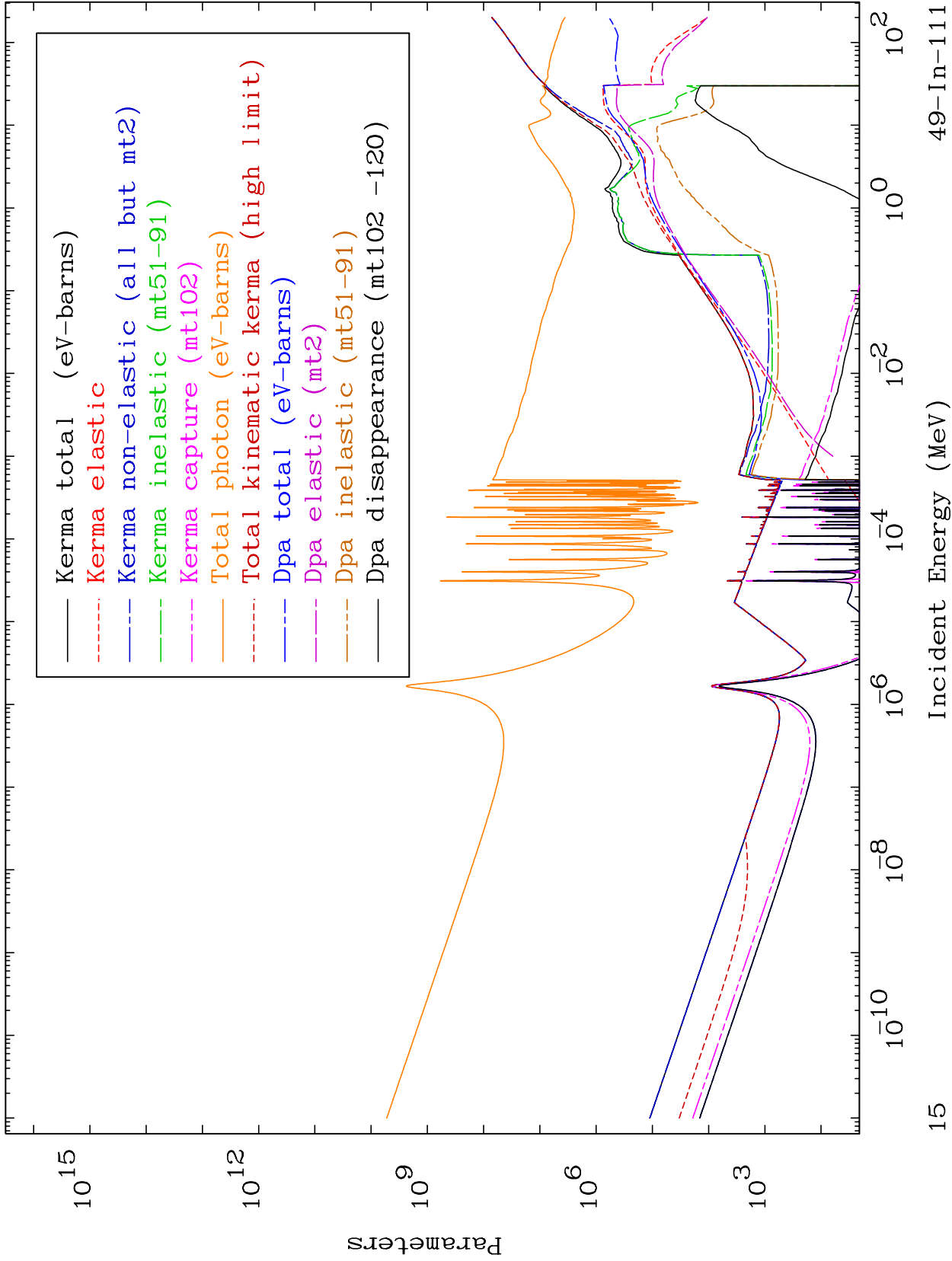
49-In-111

MAT 4920

(n, α) Levels
293 Kelvin Cross Sections

49-In-111

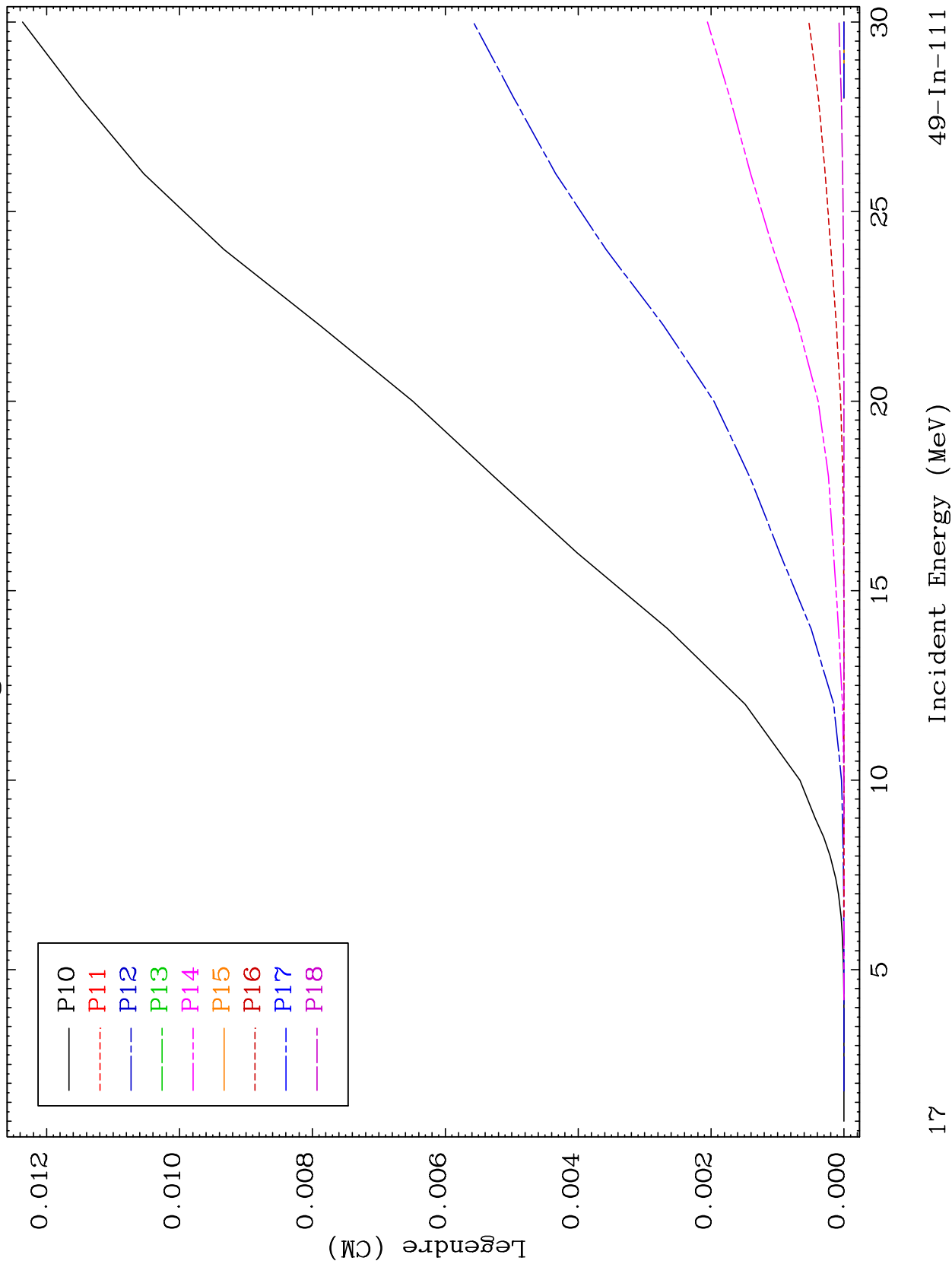




MAT 4920

Elastic Legendre Coefficients

49-In-111



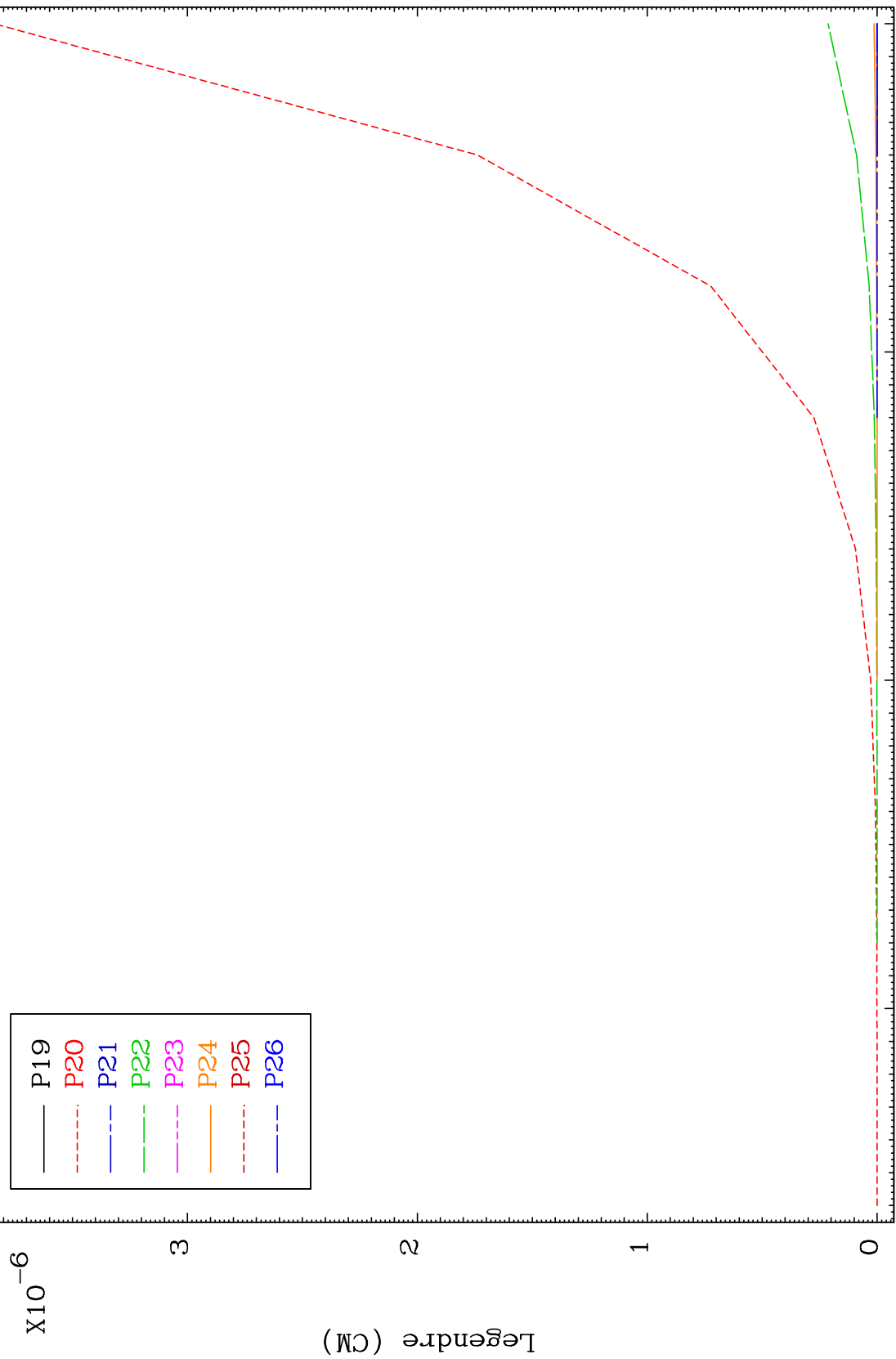
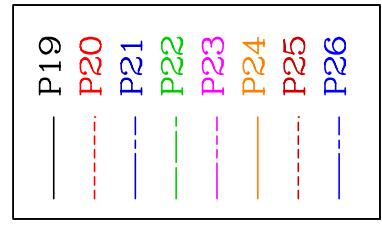
17

49-In-111

MAT 4920

Elastic
Legendre Coefficients

49-In-111



18

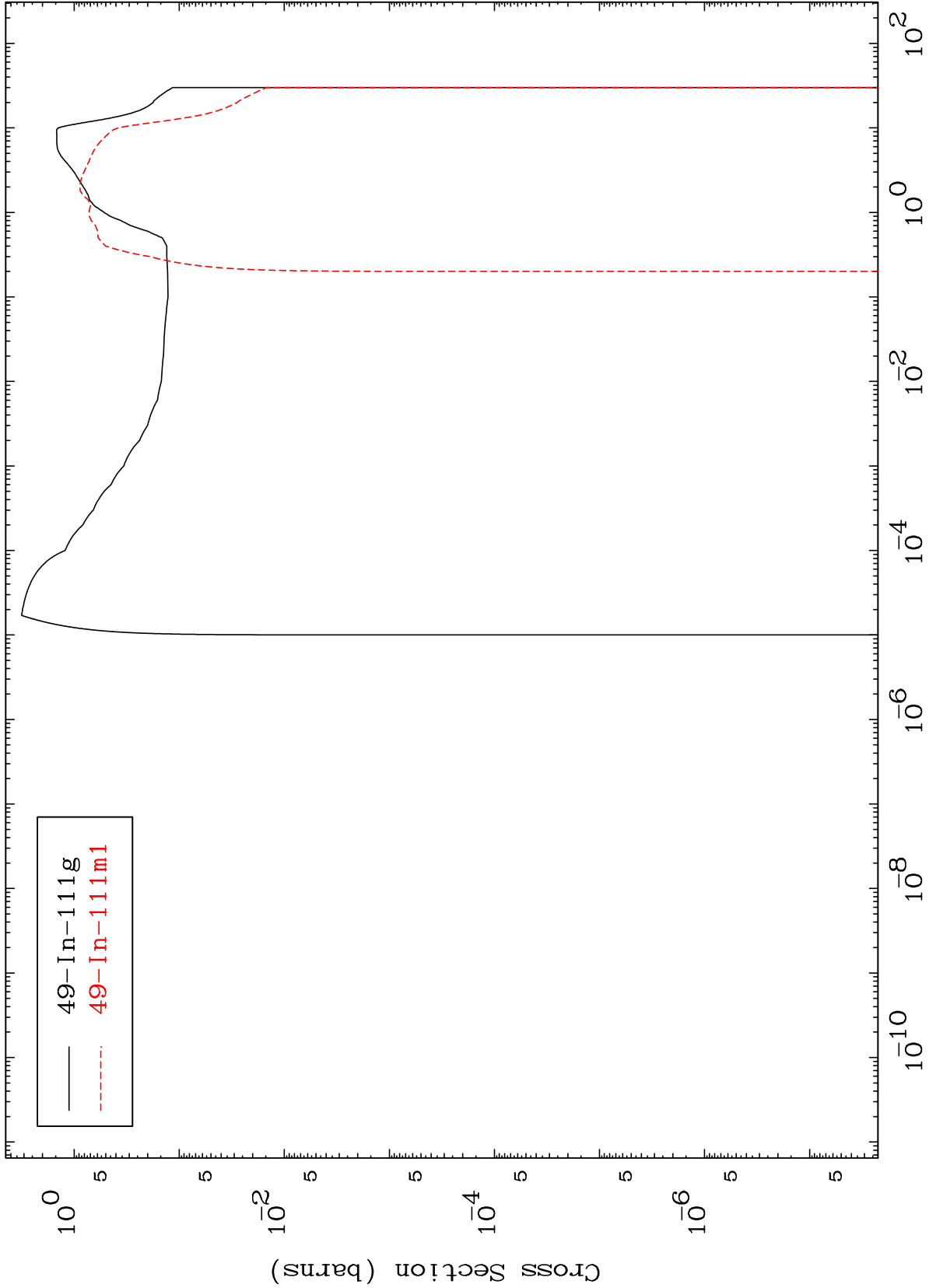
Incident Energy (MeV)

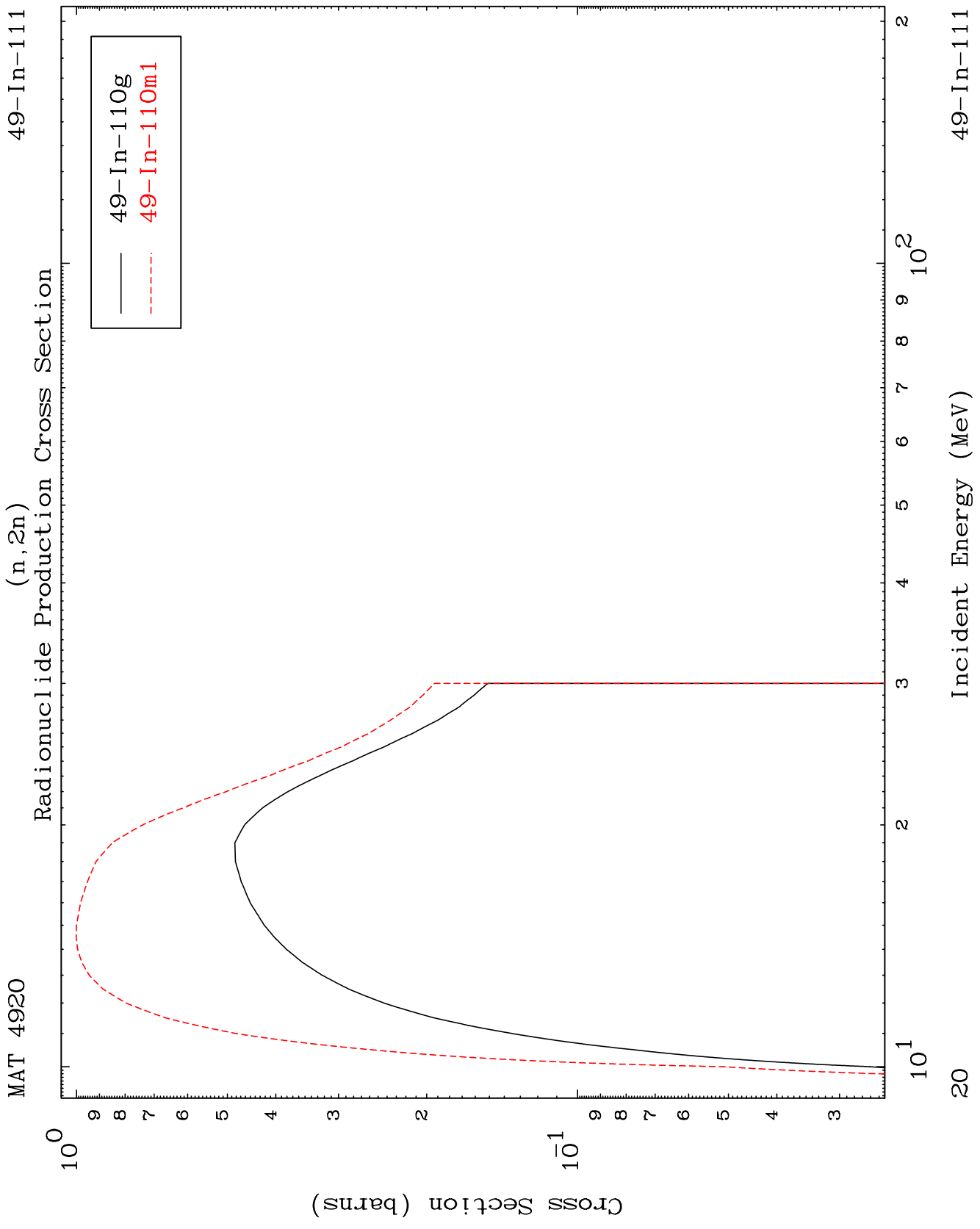
49-In-111

MAT 4920

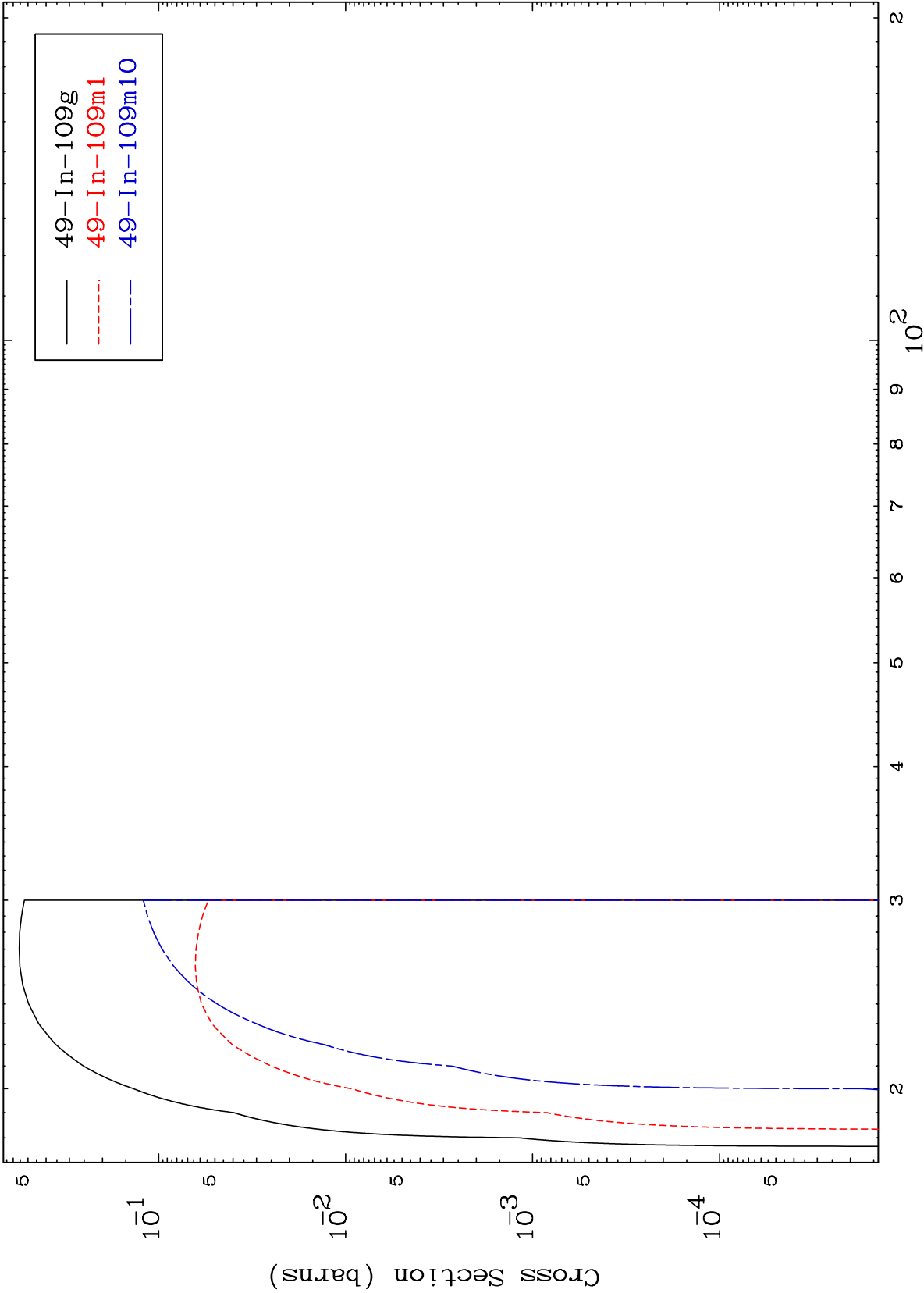
49-In-111

Inelastic
Radionuclide Production Cross Section





Radionuclide Production Cross Section

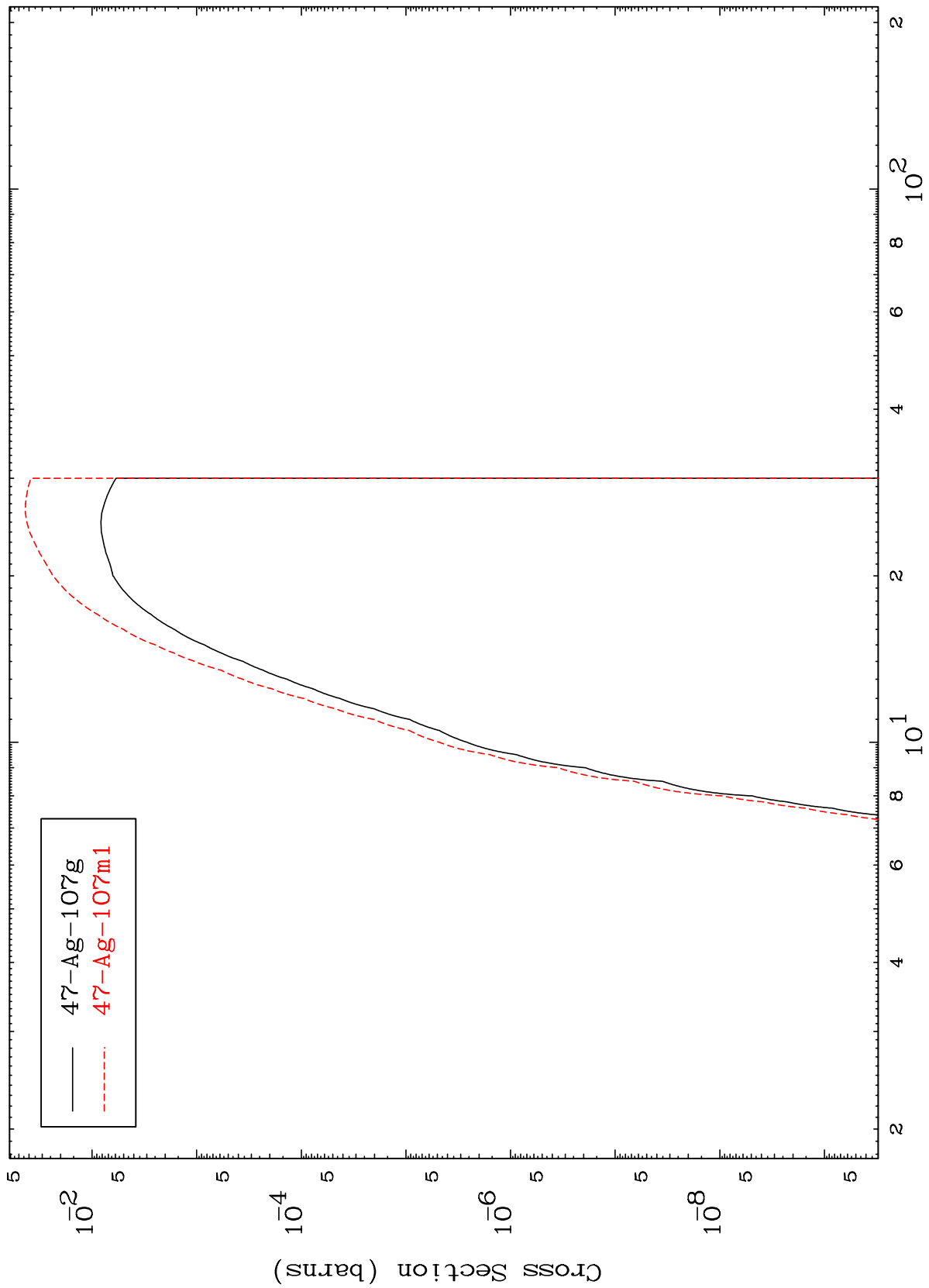


MAT 4920

(n,n') α

49-In-111

Radionuclide Production Cross Section



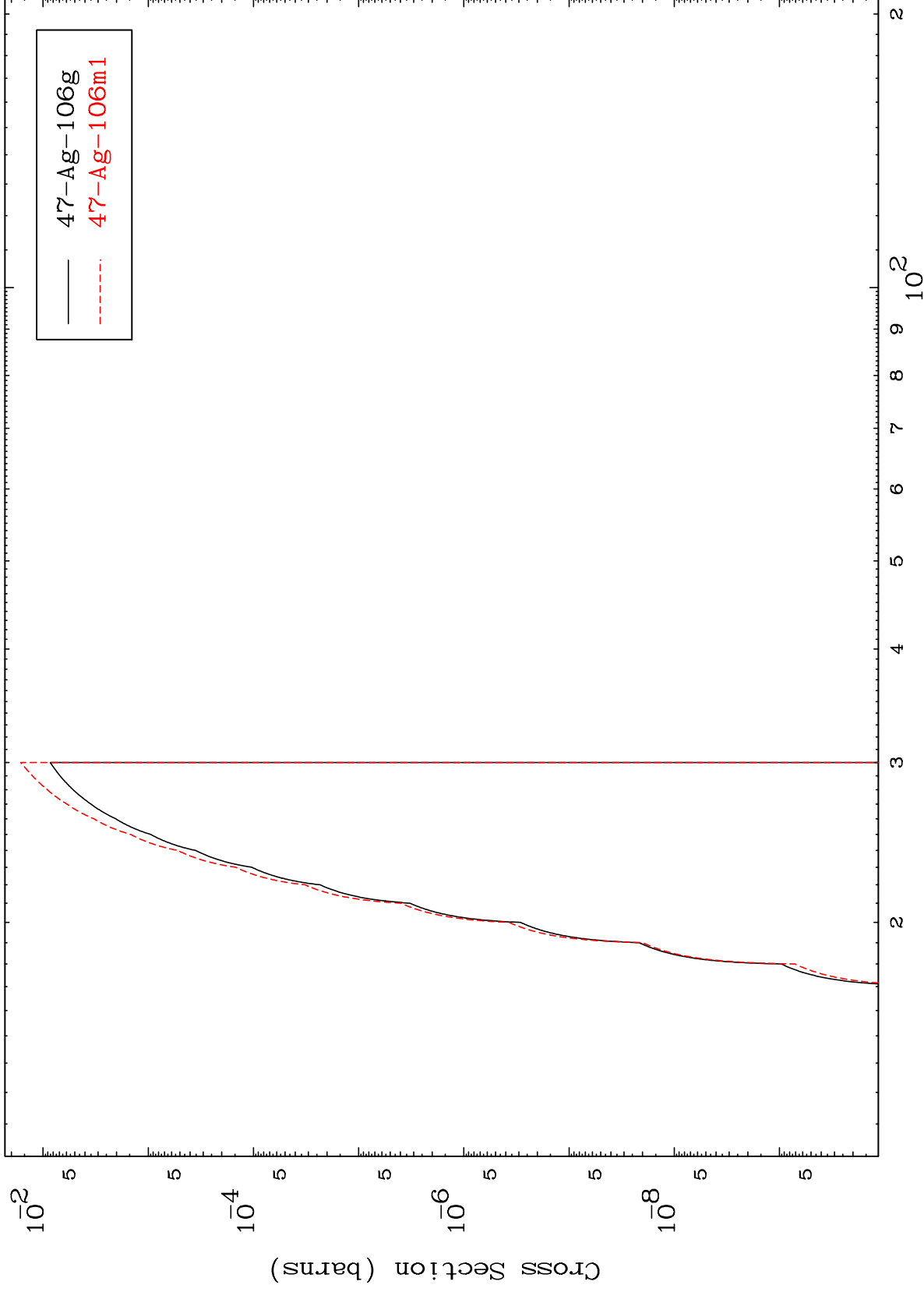
— 47-Ag-107g
- - - 47-Ag-107m1

22

Incident Energy (MeV)

49-In-111

Radionuclide Production Cross Section

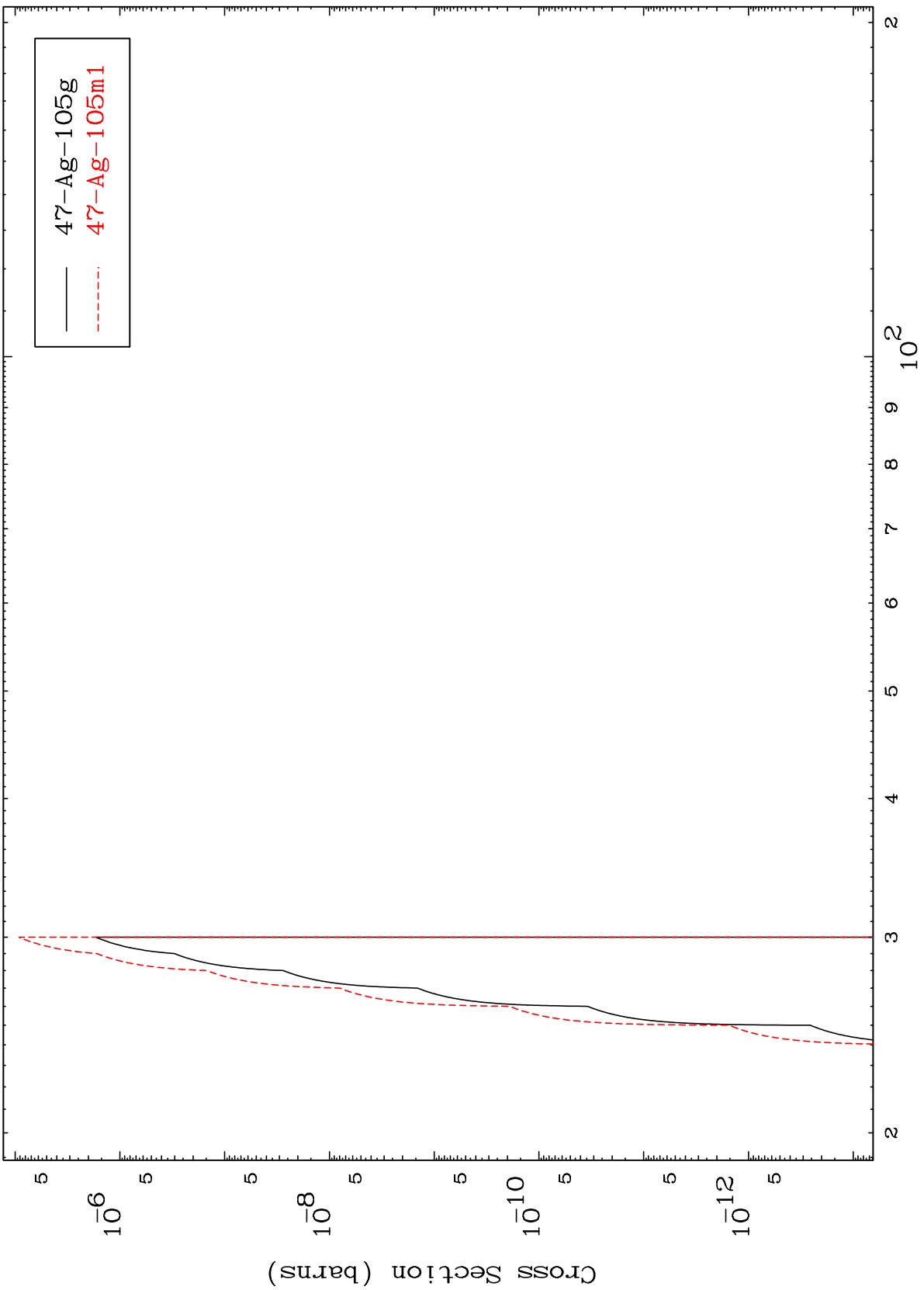


MAT 4920

(n,3n) α

49-In-111

Radionuclide Production Cross Section



24

Incident Energy (MeV)

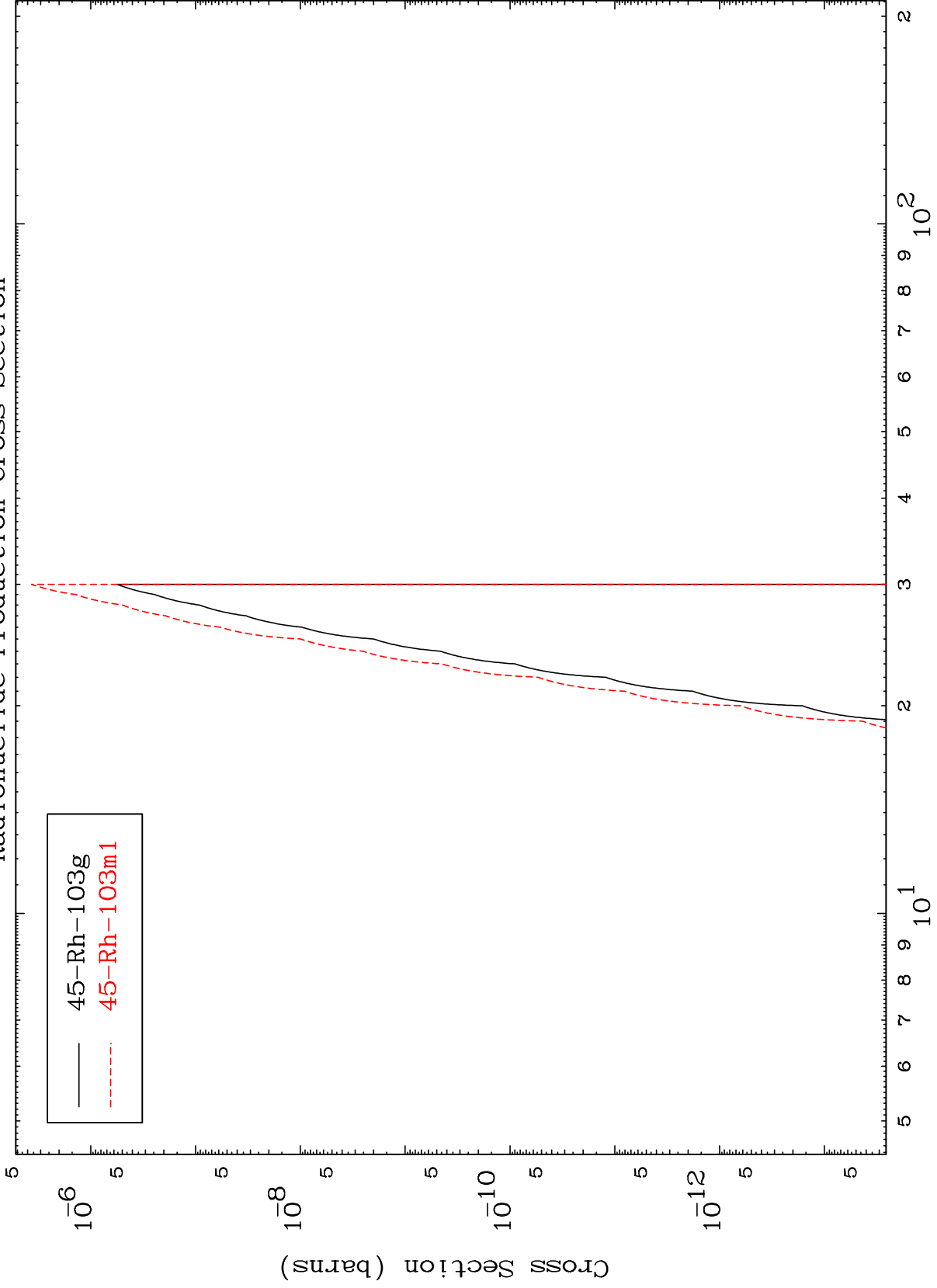
49-In-111

MAT 4920

(n,n') 2α

49-In-111

Radionuclide Production Cross Section



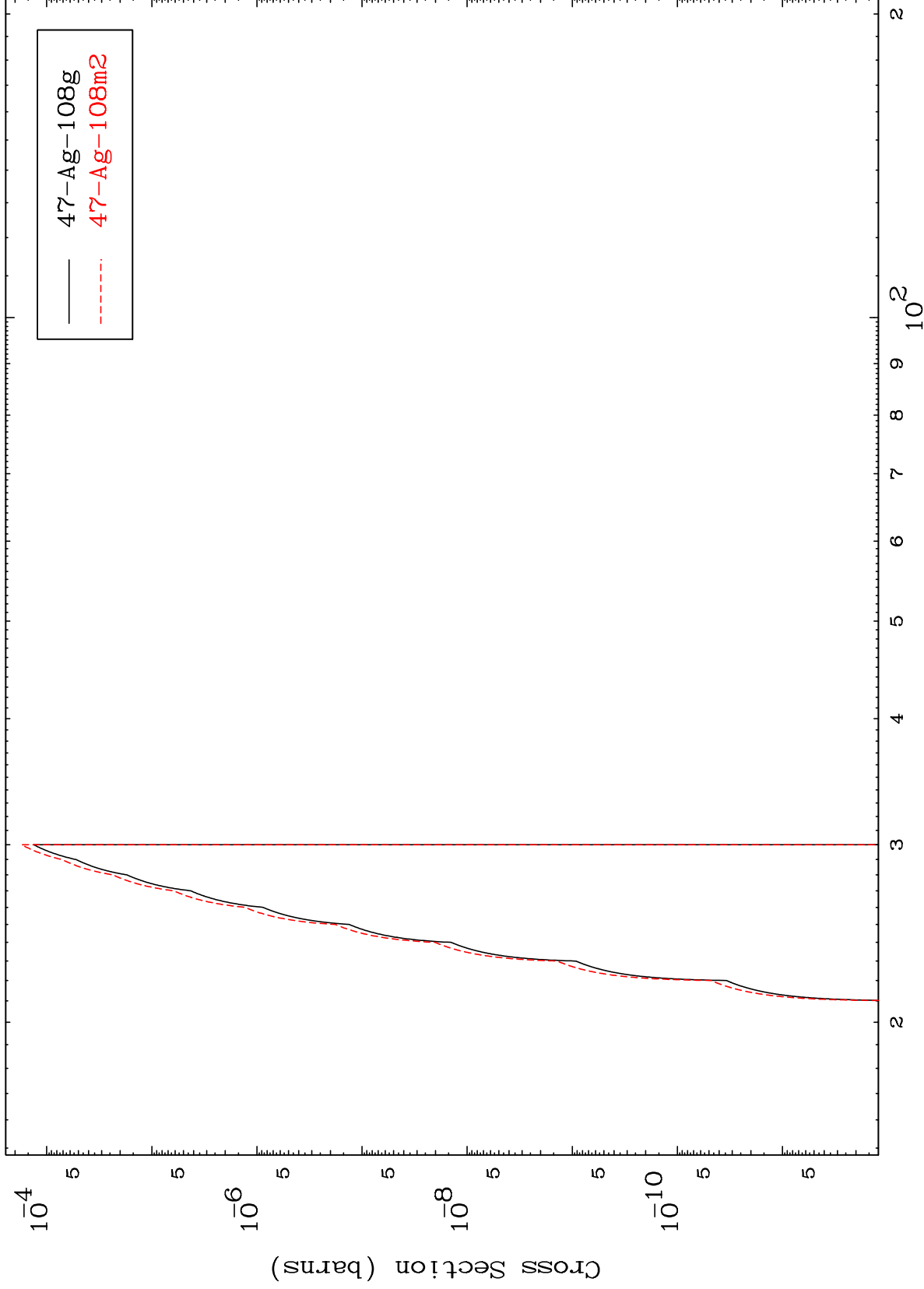
— 45-Rh-103g
- - - 45-Rh-103m1

25

Incident Energy (MeV)

49-In-111

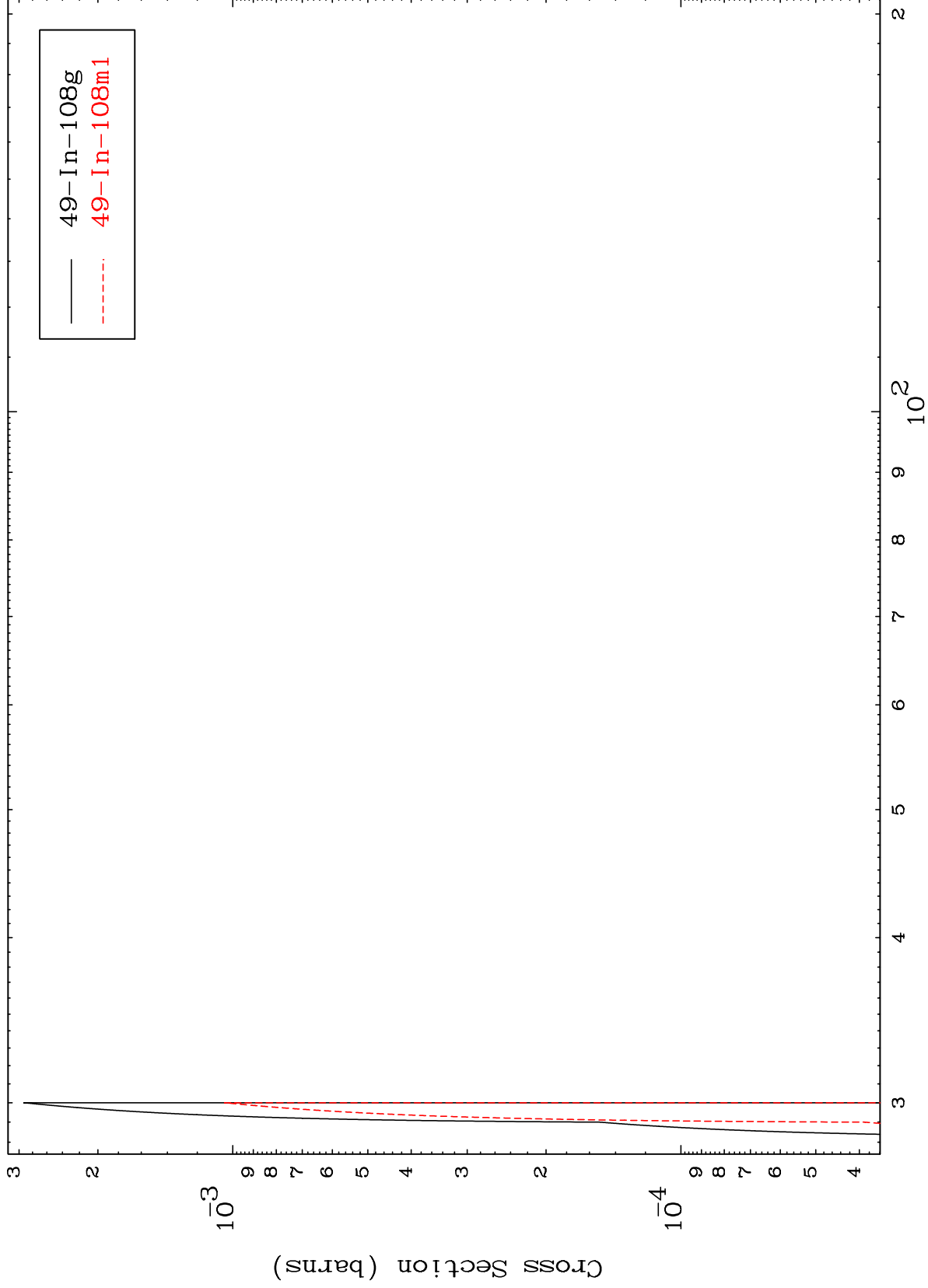
Radionuclide Production Cross Section



MAT 4920

49-In-111

(n,4n)
Radionuclide Production Cross Section

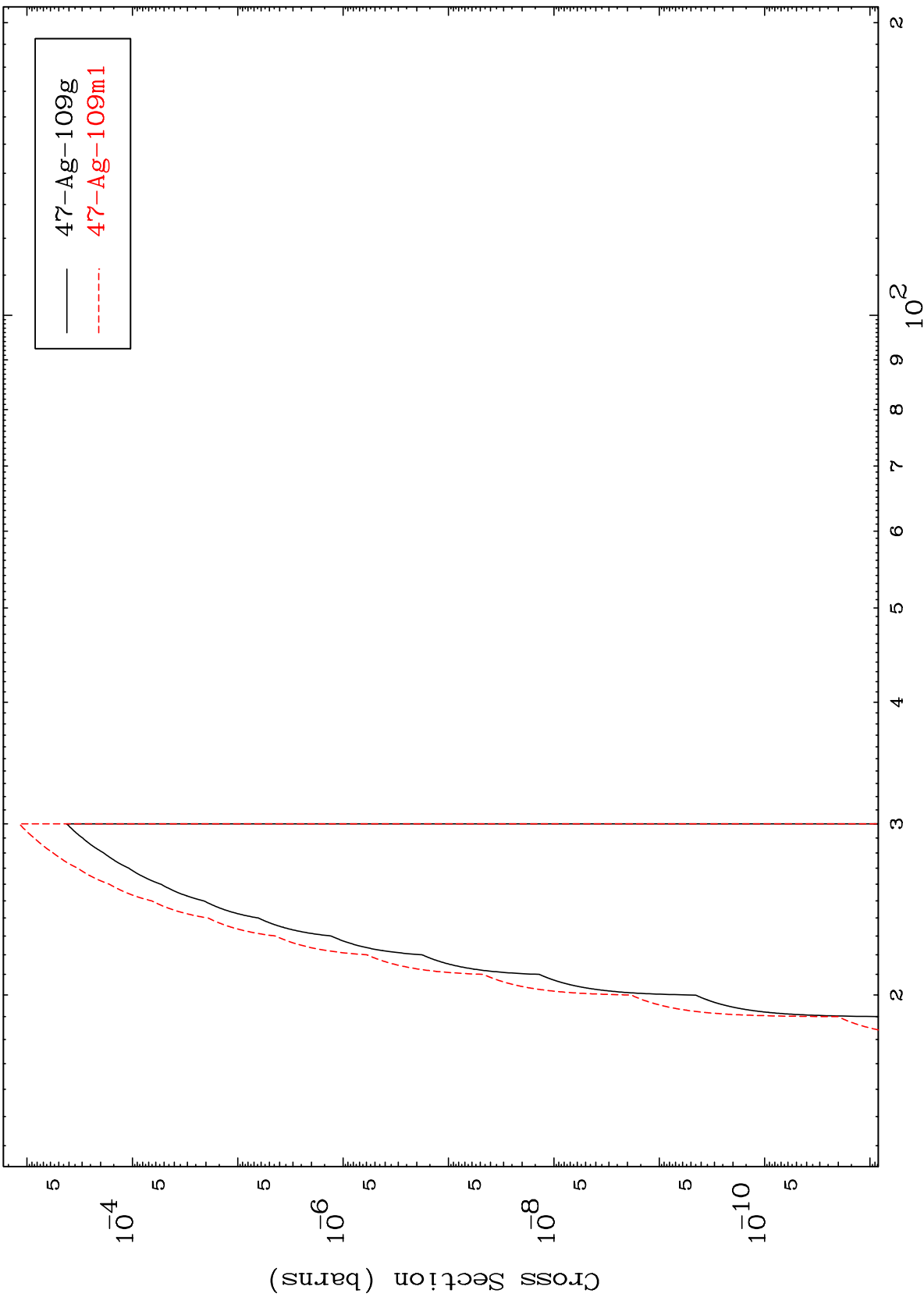


49-In-111

Incident Energy (MeV)

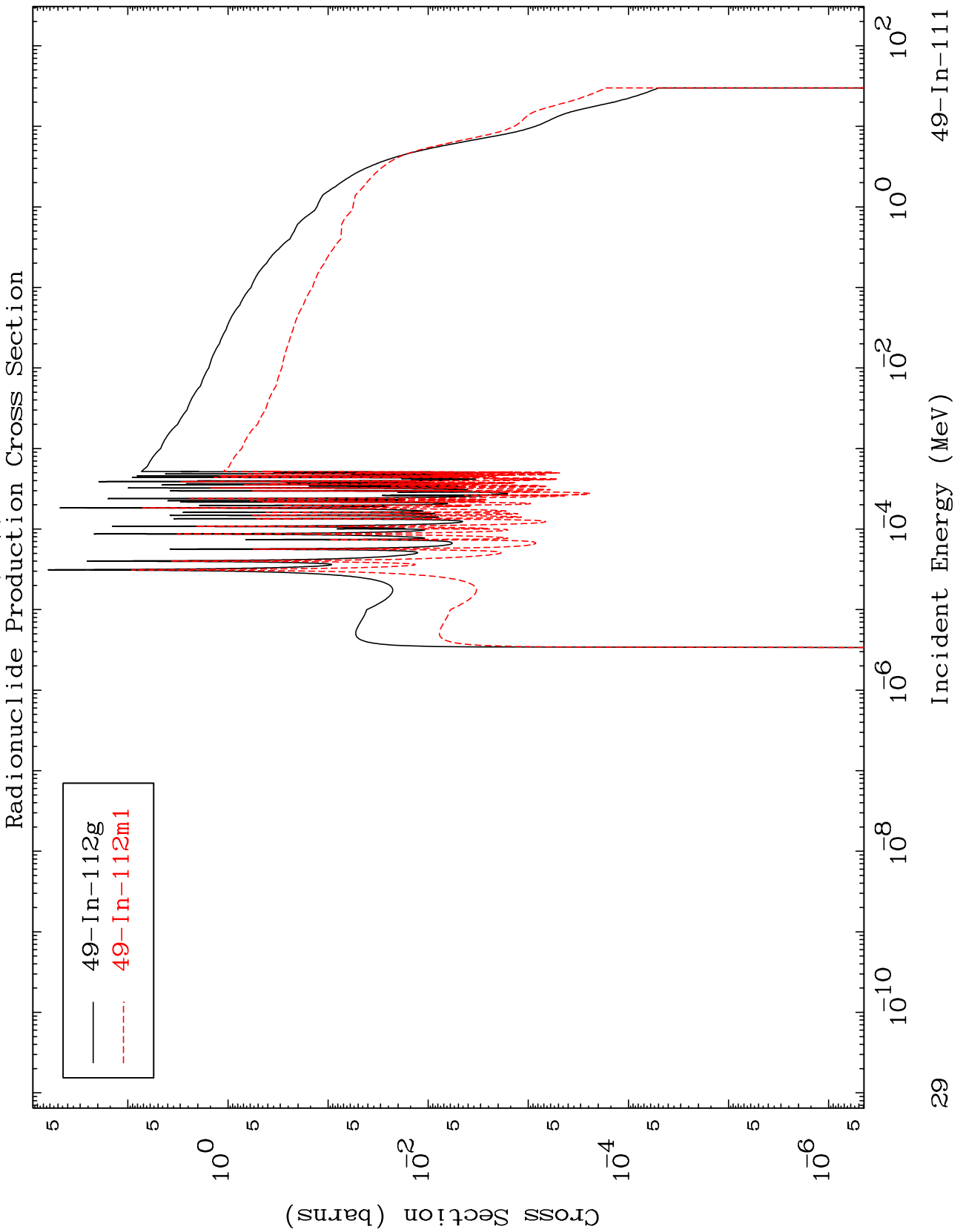
27

Radionuclide Production Cross Section



MAT 4920

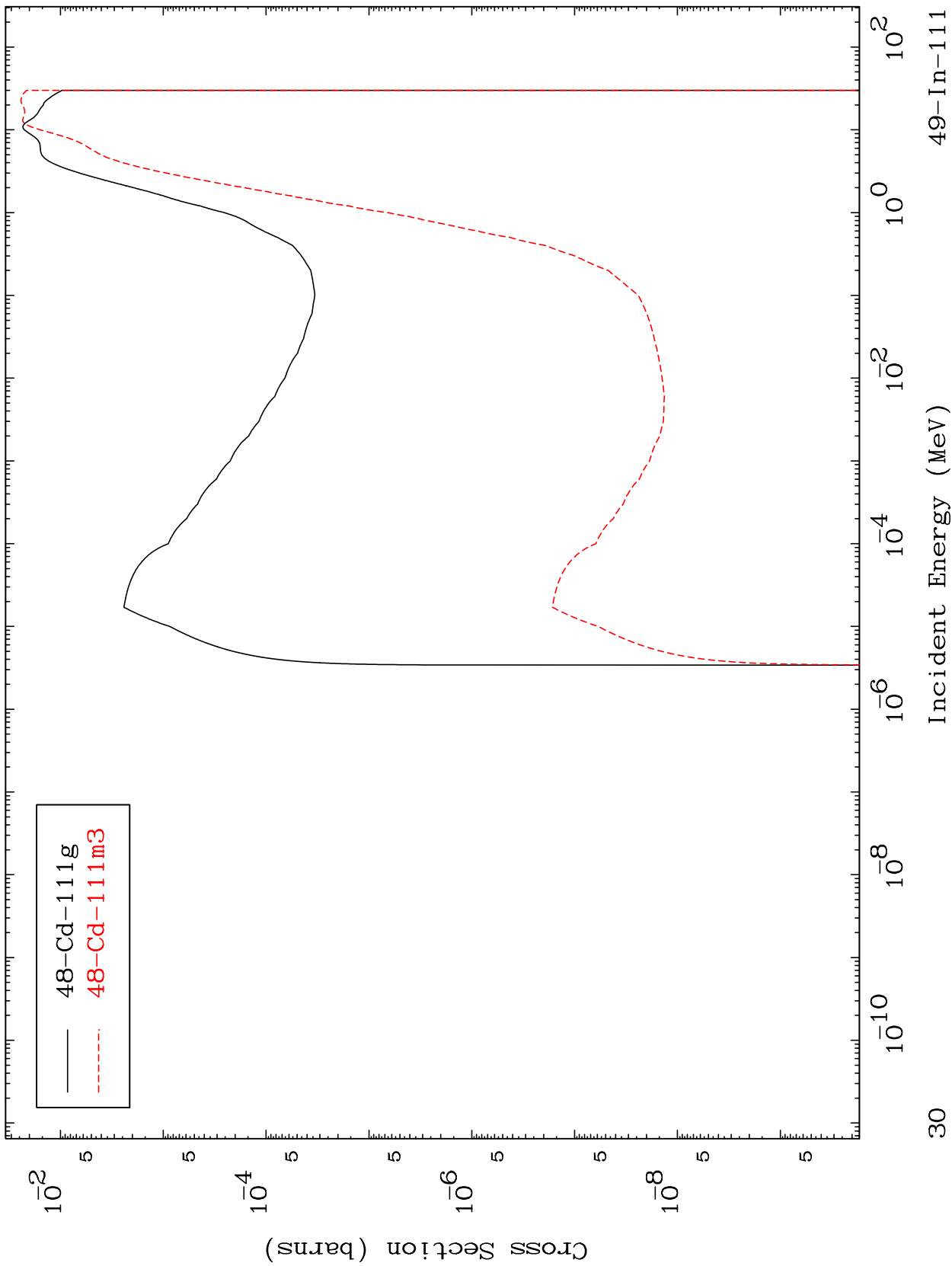
49-In-111



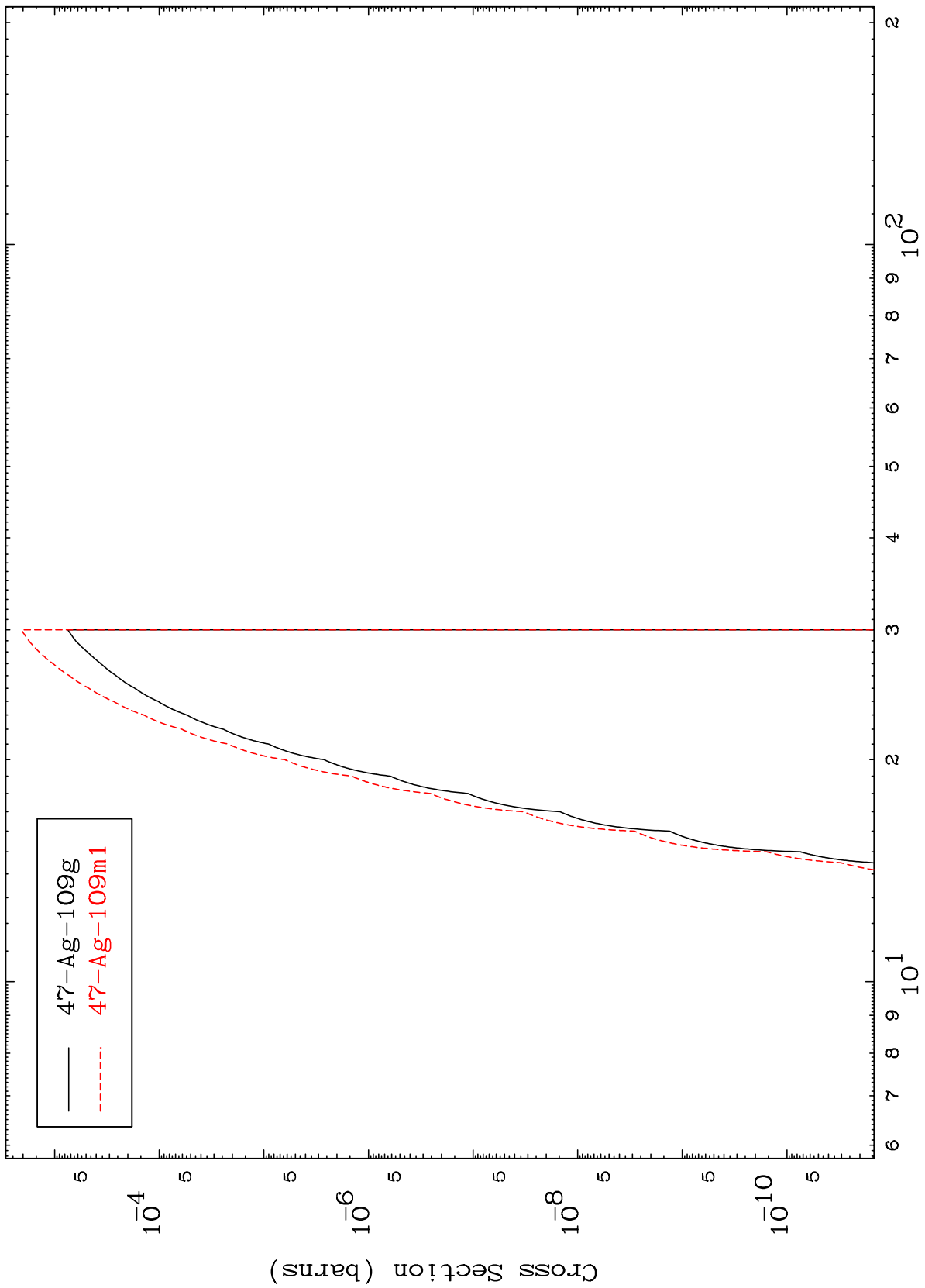
MAT 4920

49-In-111

(n,p)
Radionuclide Production Cross Section



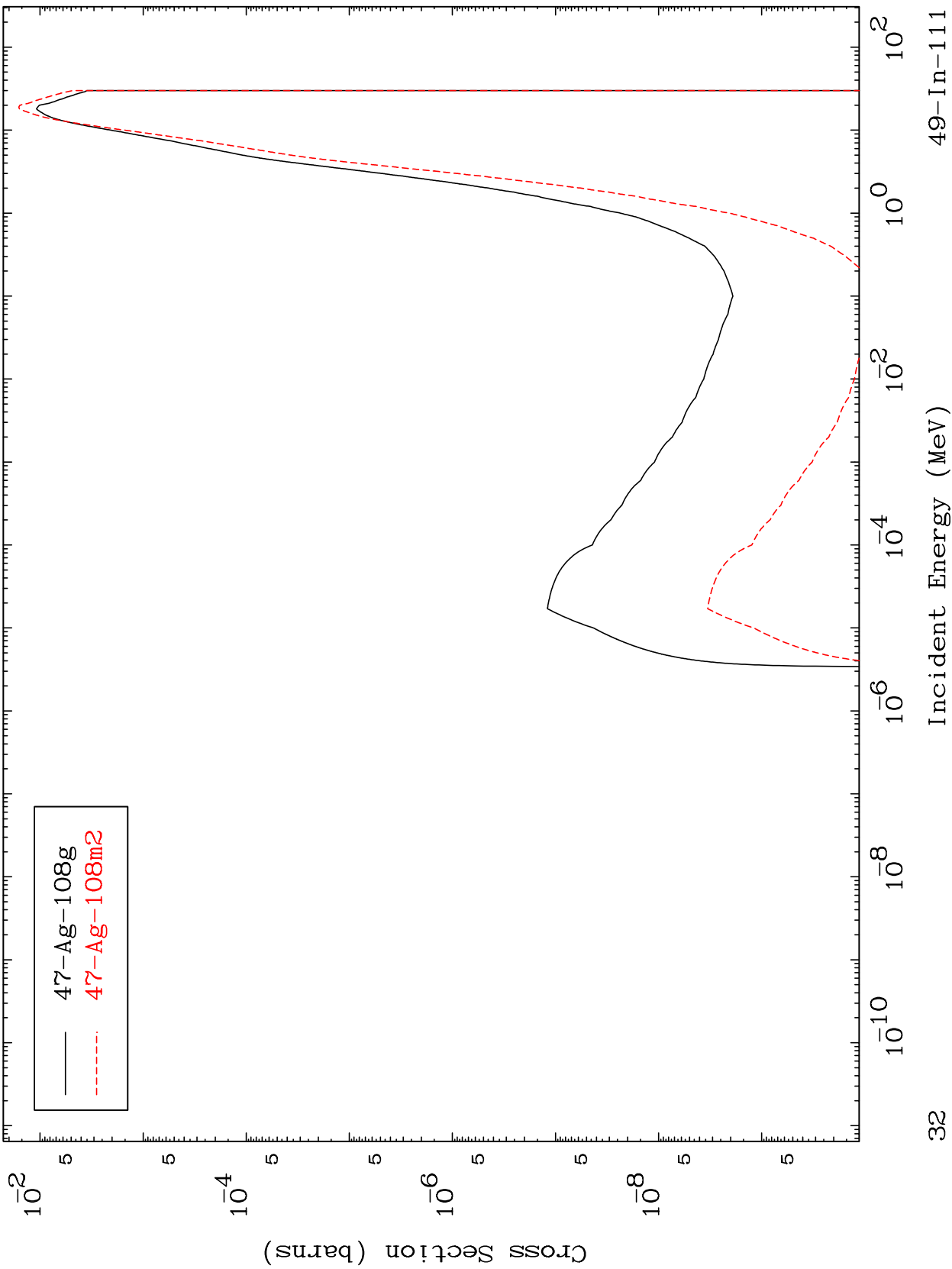
Radionuclide Production Cross Section (n,He-3)



MAT 4920

49-In-111

(n, α)
Radionuclide Production Cross Section

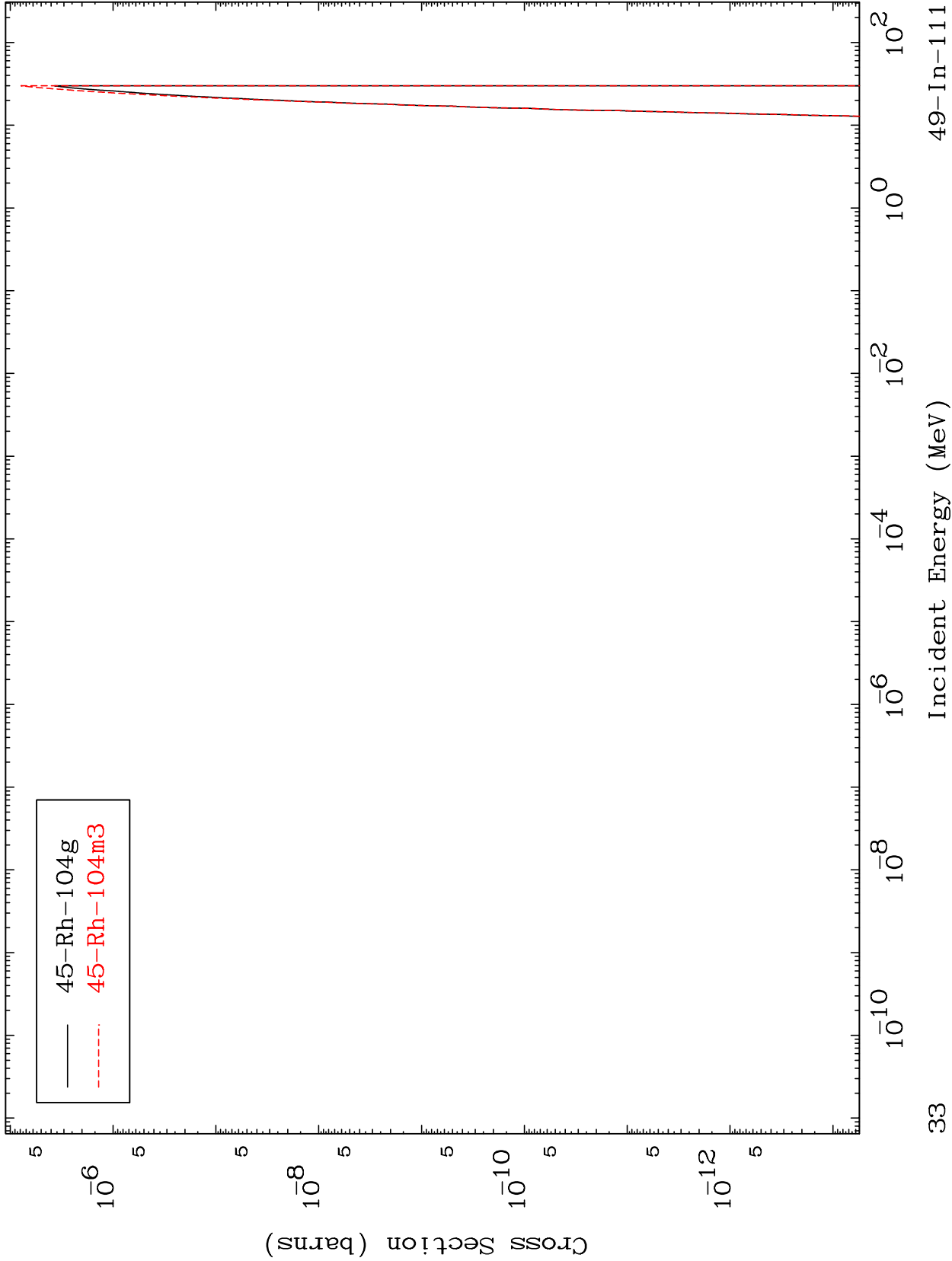


MAT 4920

(n,2 α)

49-In-111

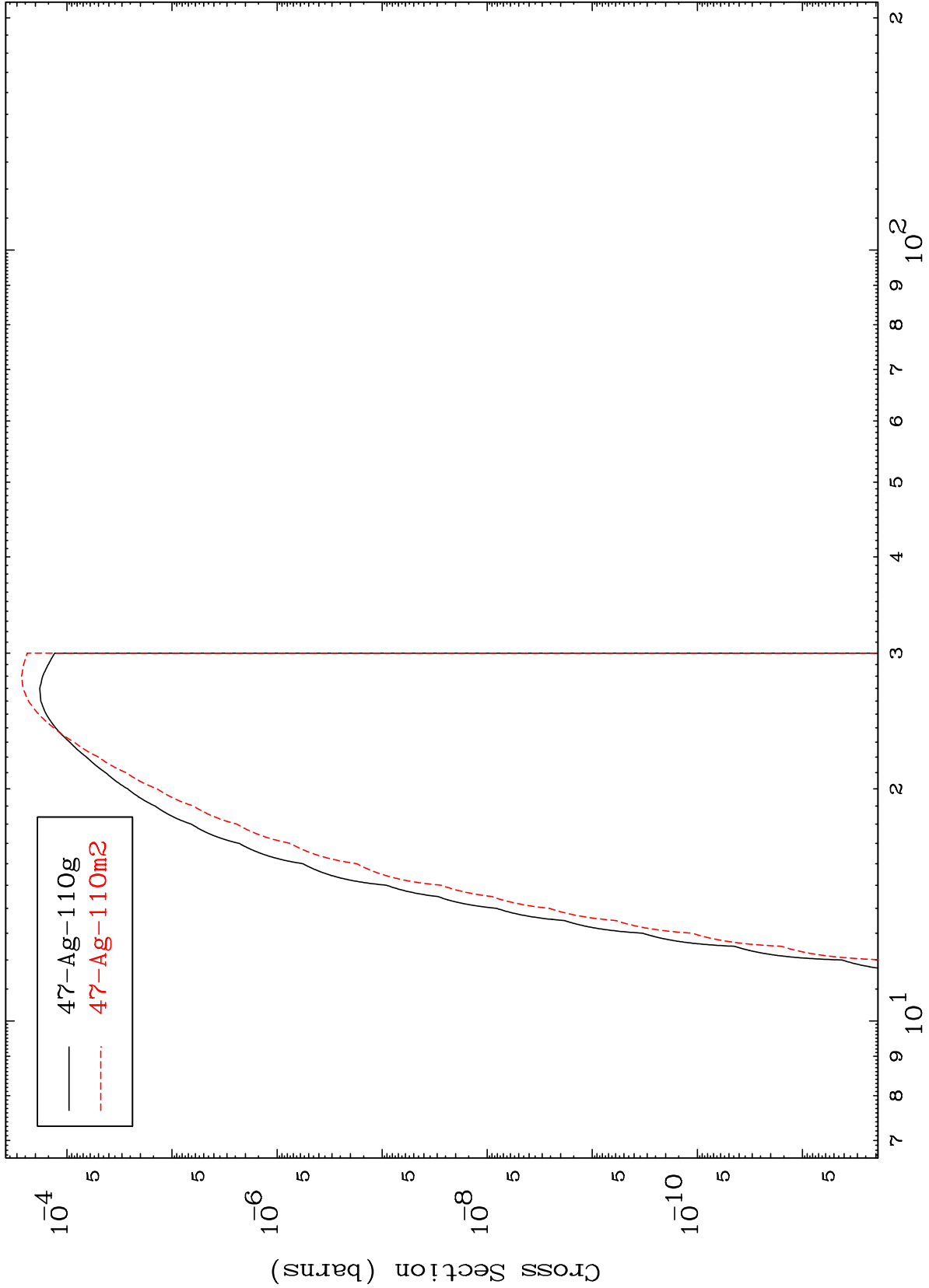
Radionuclide Production Cross Section



MAT 4920

49-In-111

(n,2p)
Radionuclide Production Cross Section



34

Incident Energy (MeV)

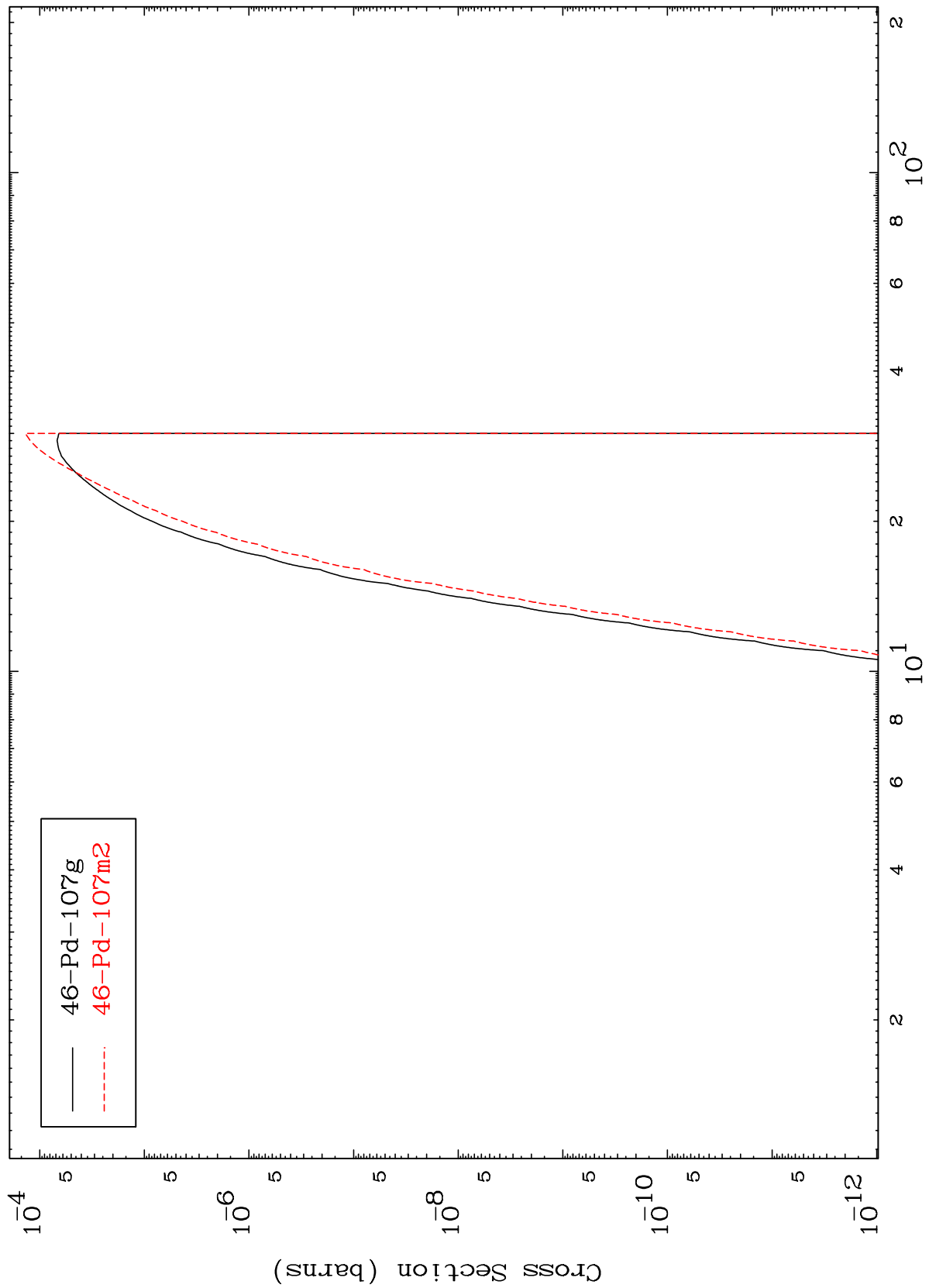
49-In-111

MAT 4920

(n,p) α

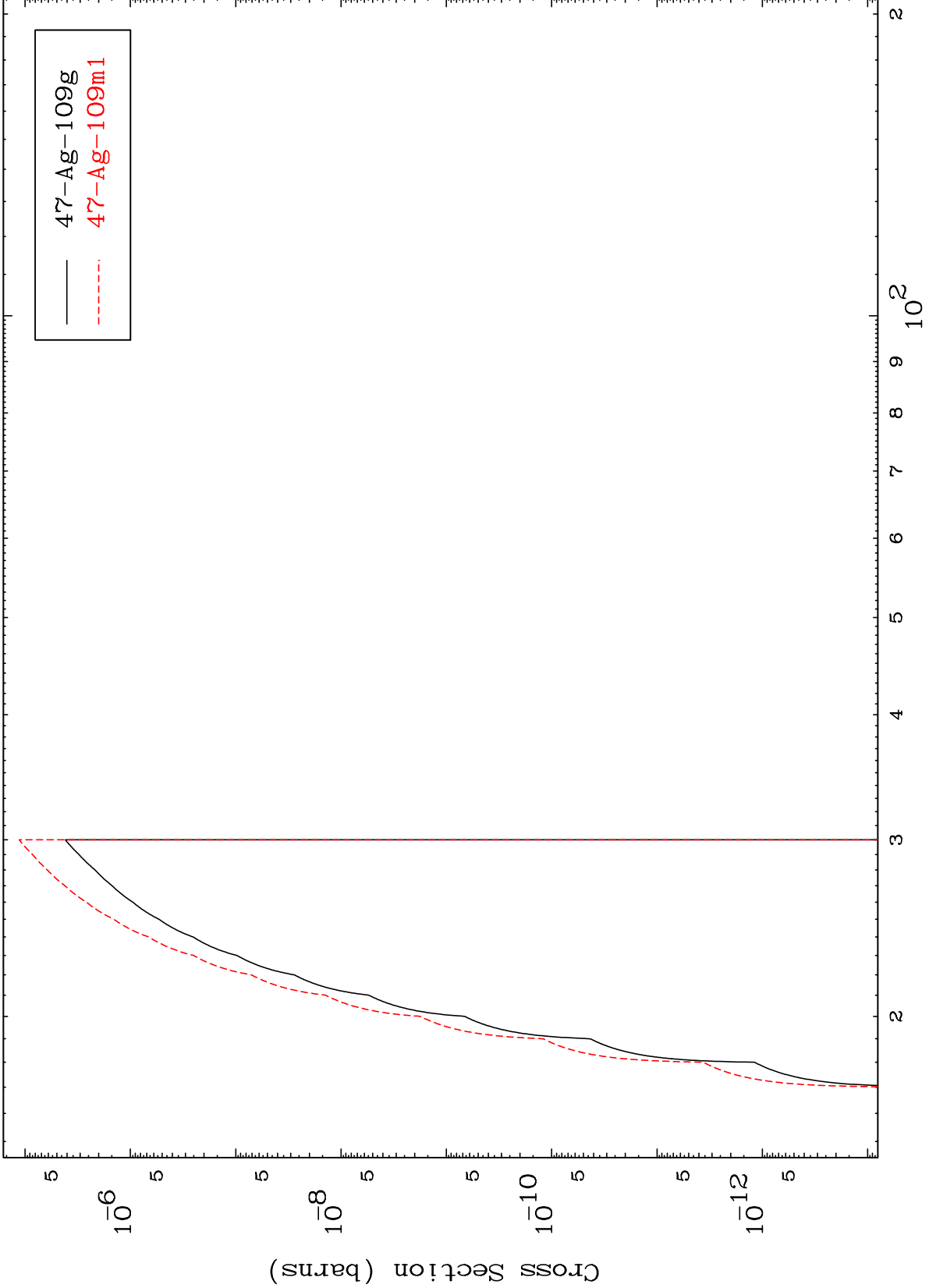
49-In-111

Radionuclide Production Cross Section

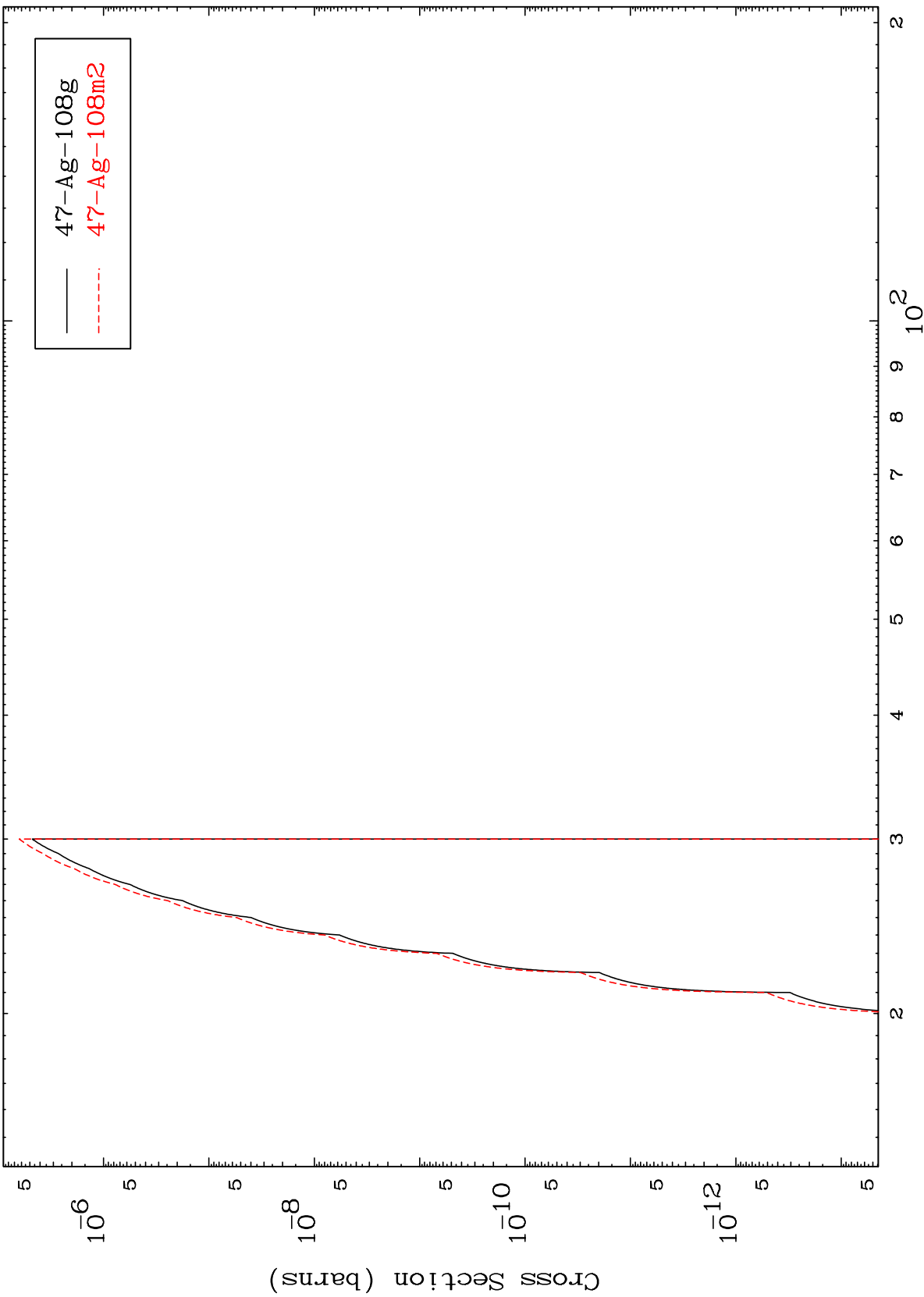


— 46-Pd-107g
- - - 46-Pd-107m2

Radionuclide Production Cross Section



Radionuclide Production Cross Section



— 47-Ag-108g
- - - 47-Ag-108m2