

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

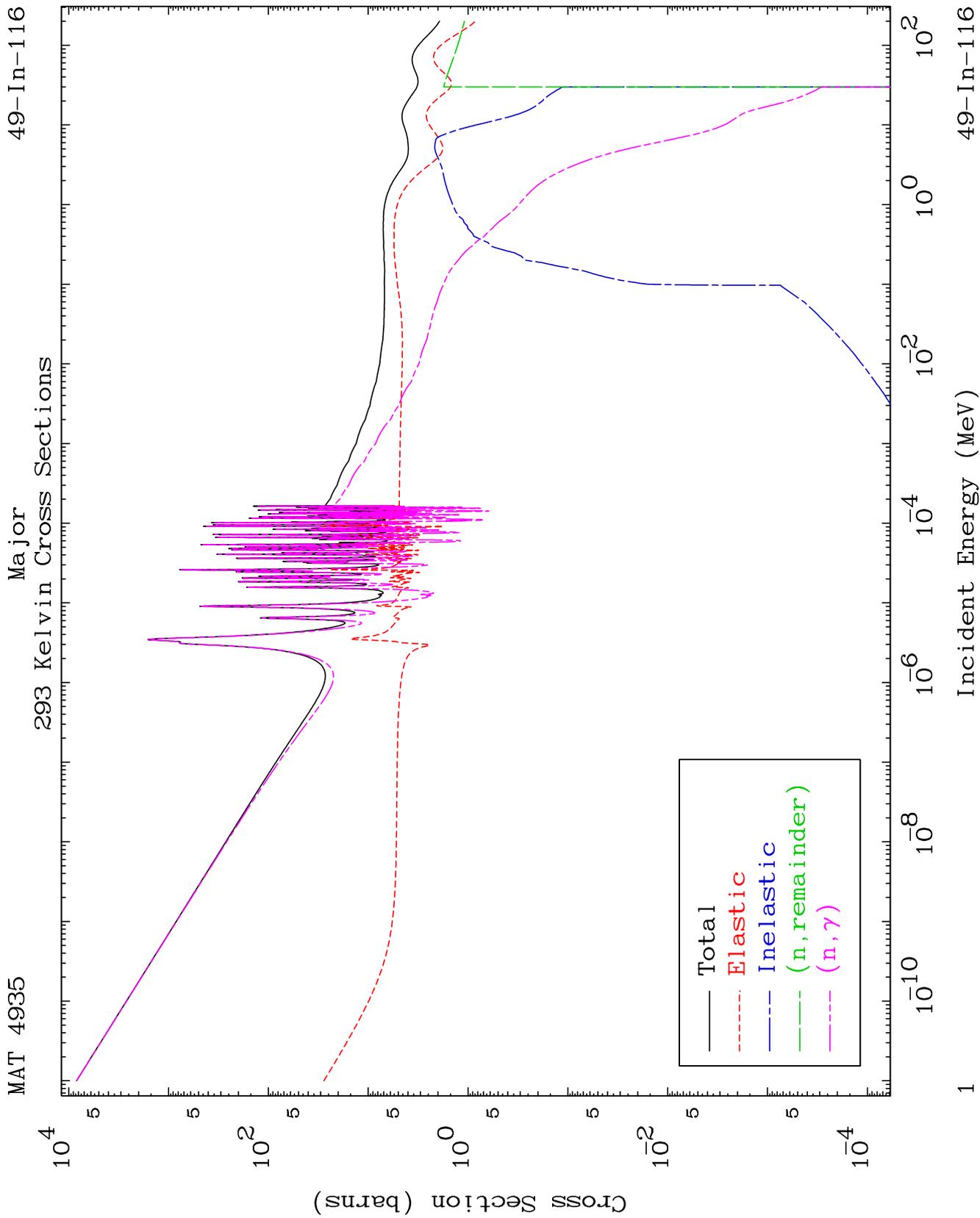
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

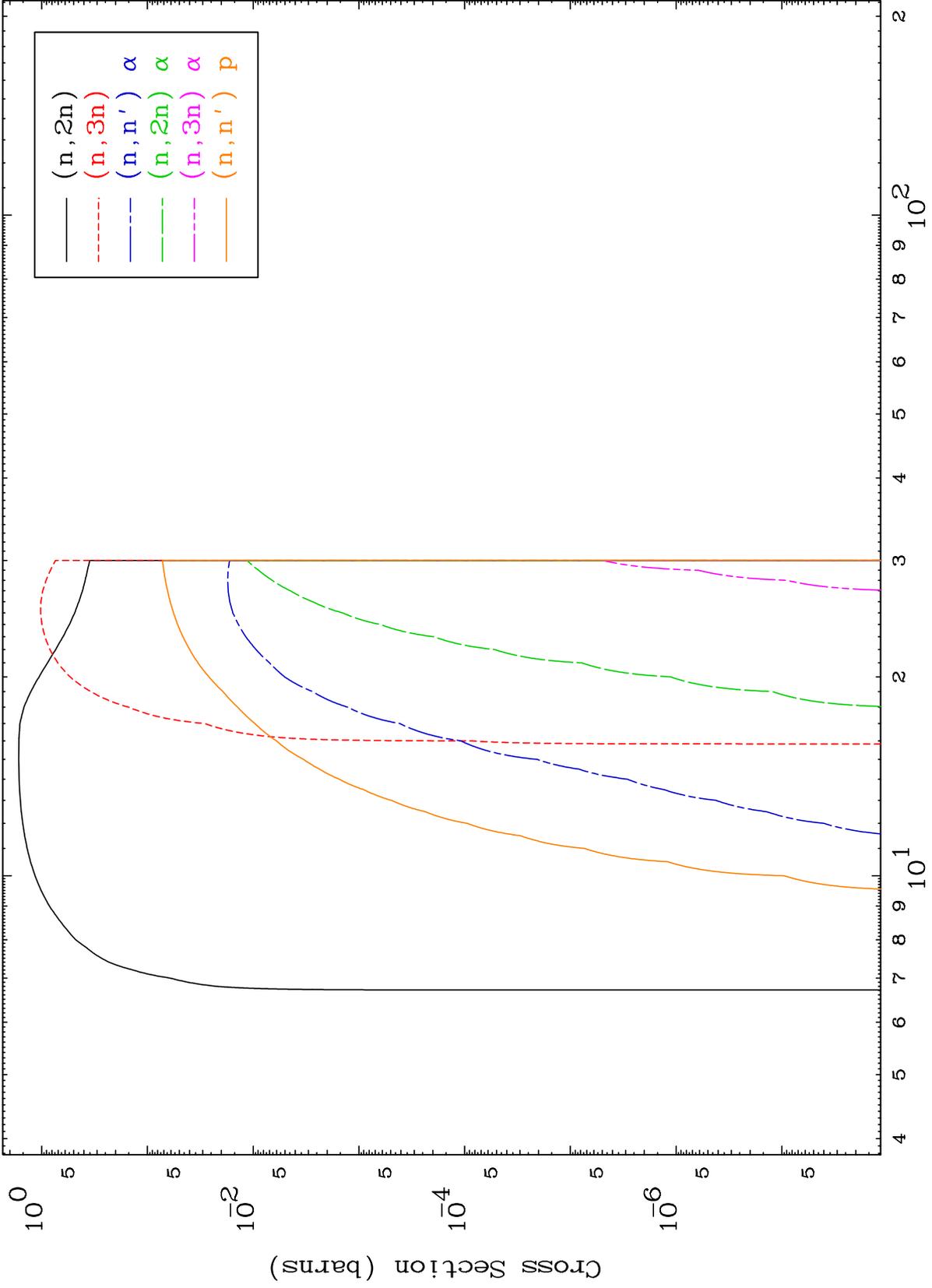
Press Mouse Button to Start



MAT 4935

Neutron Production  
293 Kelvin Cross Sections

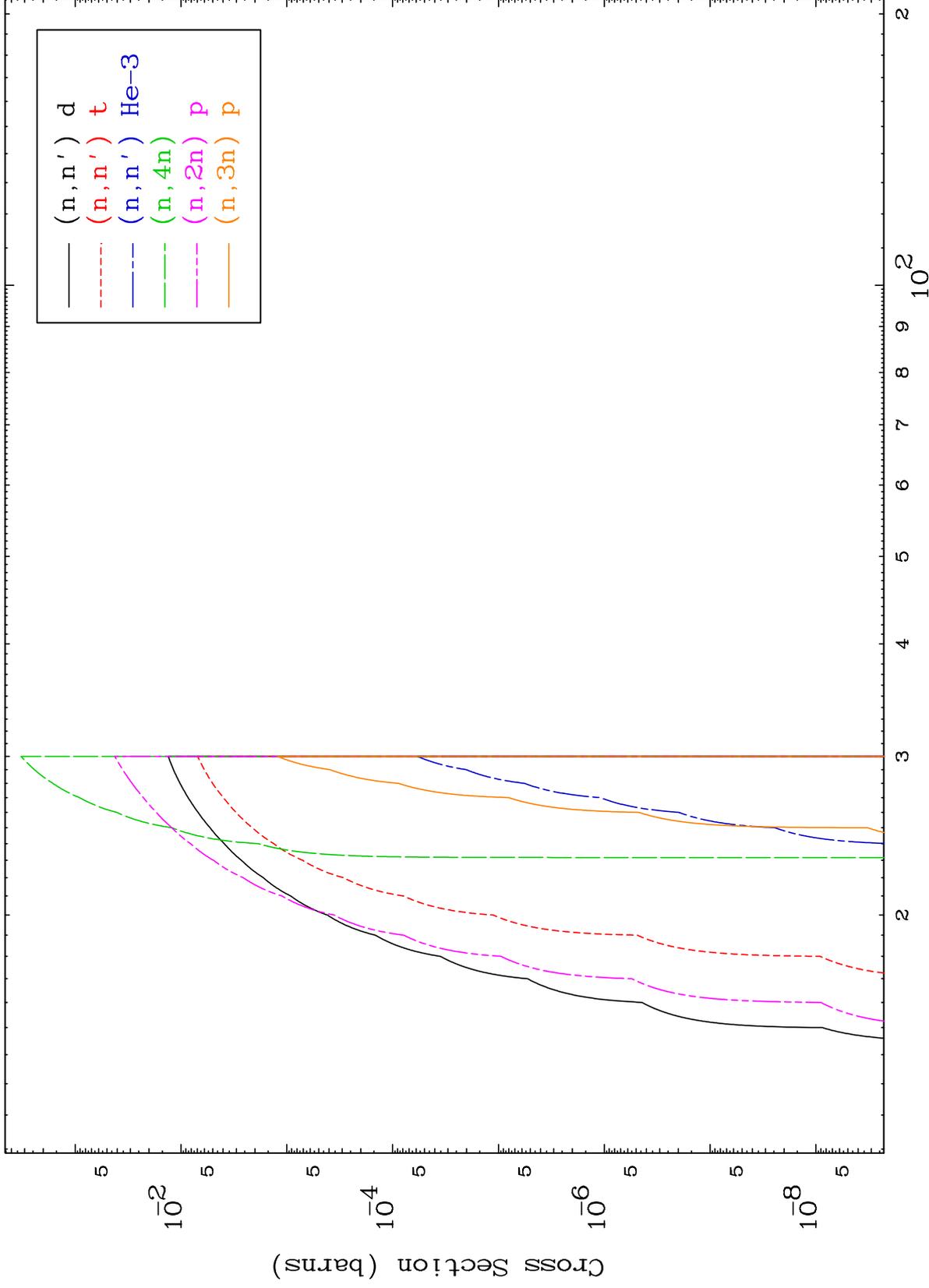
49-In-116

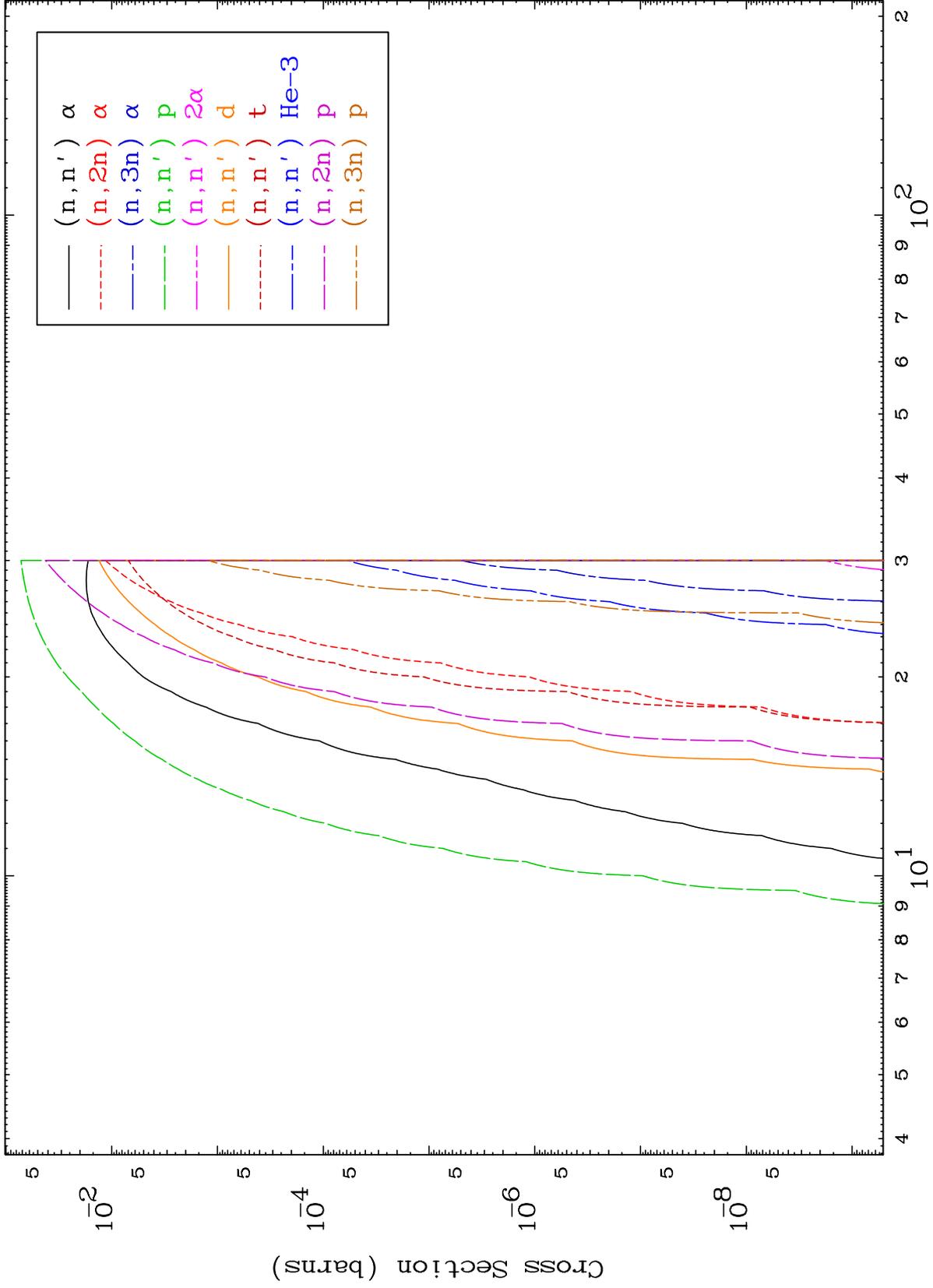


2

Incident Energy (MeV)

49-In-116

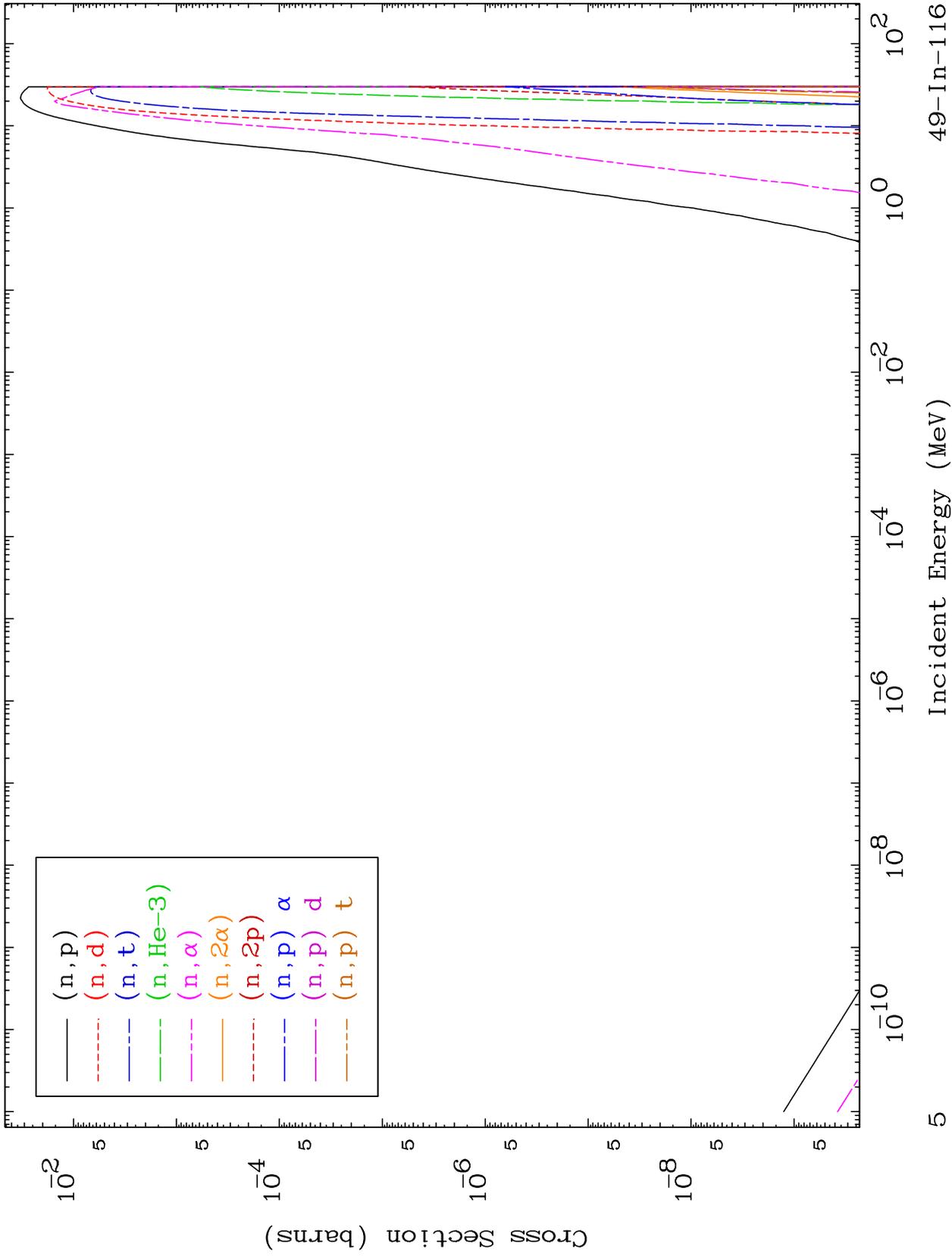


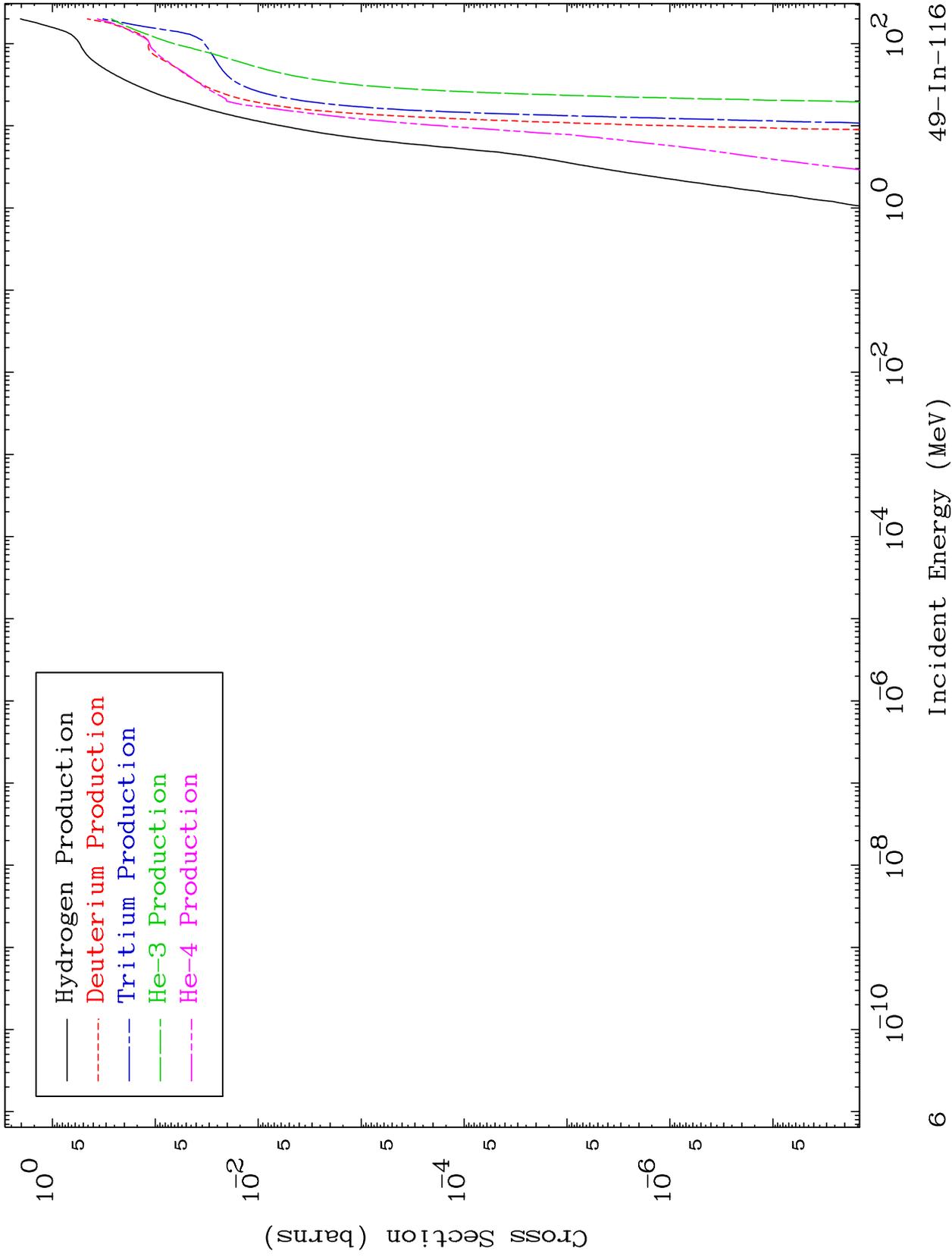


MAT 4935

Charged Particle  
293 Kelvin Cross Sections

49-In-116

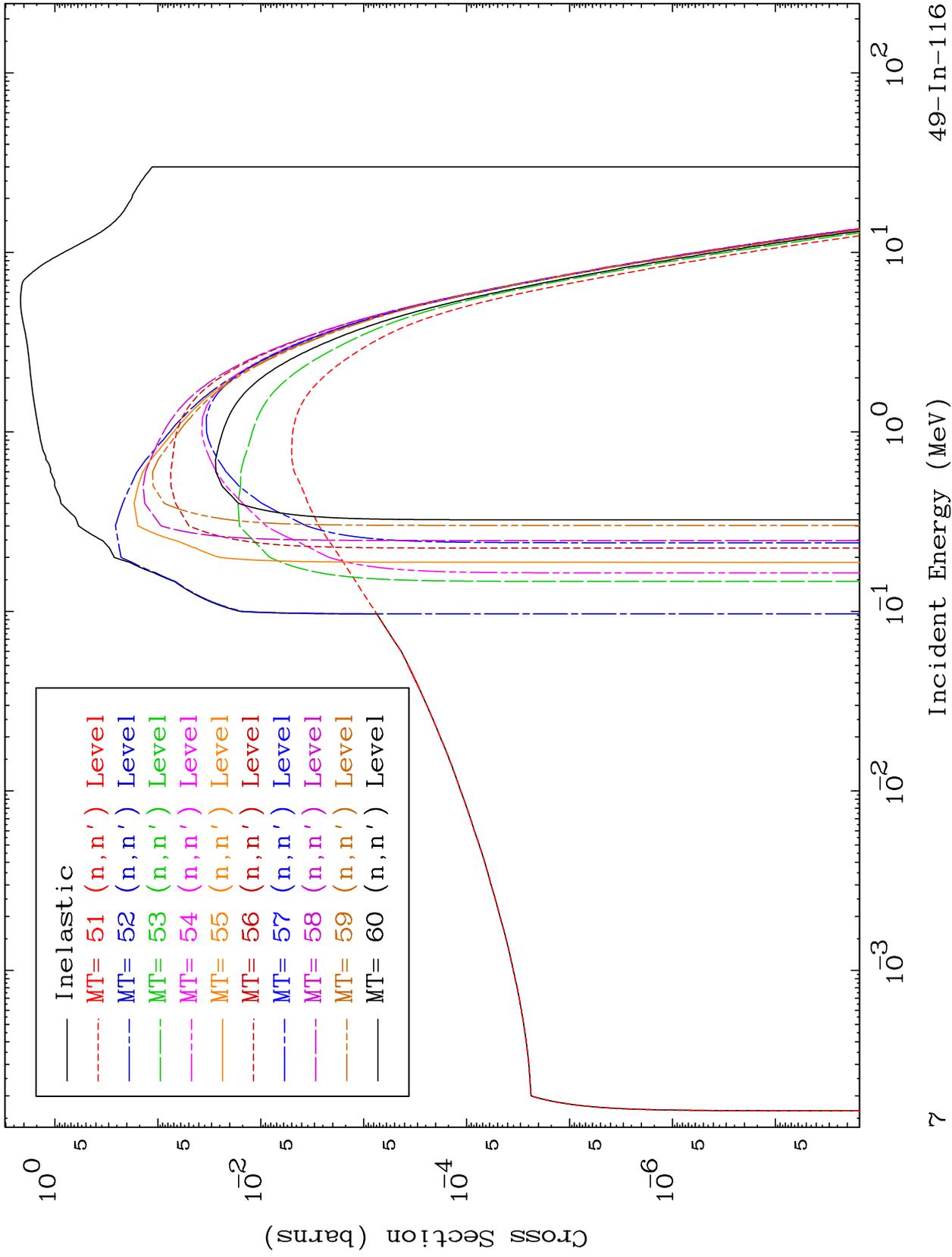




MAT 4935

293 Kelvin Cross Sections

49-In-116

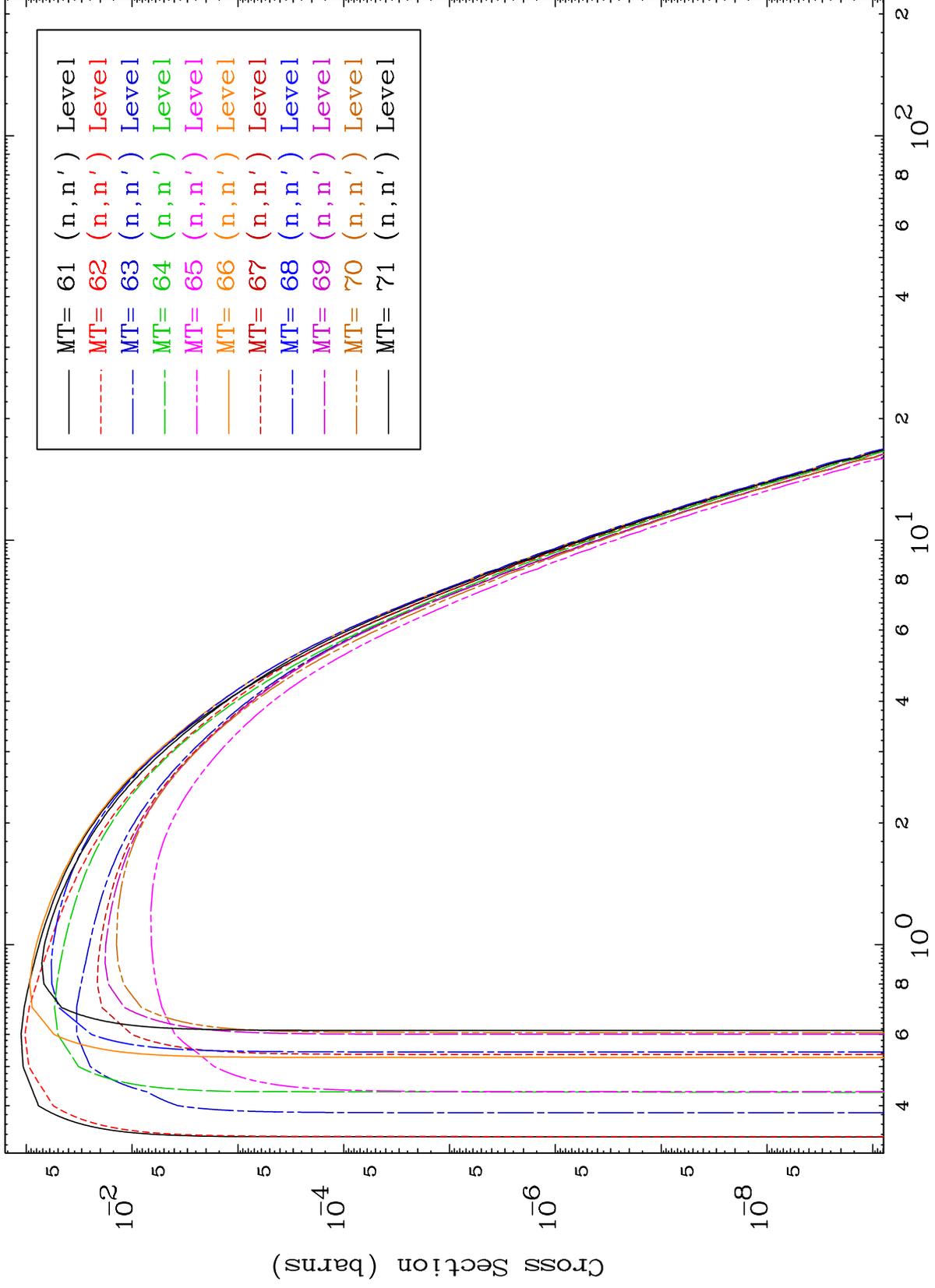


MAT 4935

(n,n') Level

49-In-116

293 Kelvin Cross Sections



8

Incident Energy (MeV)

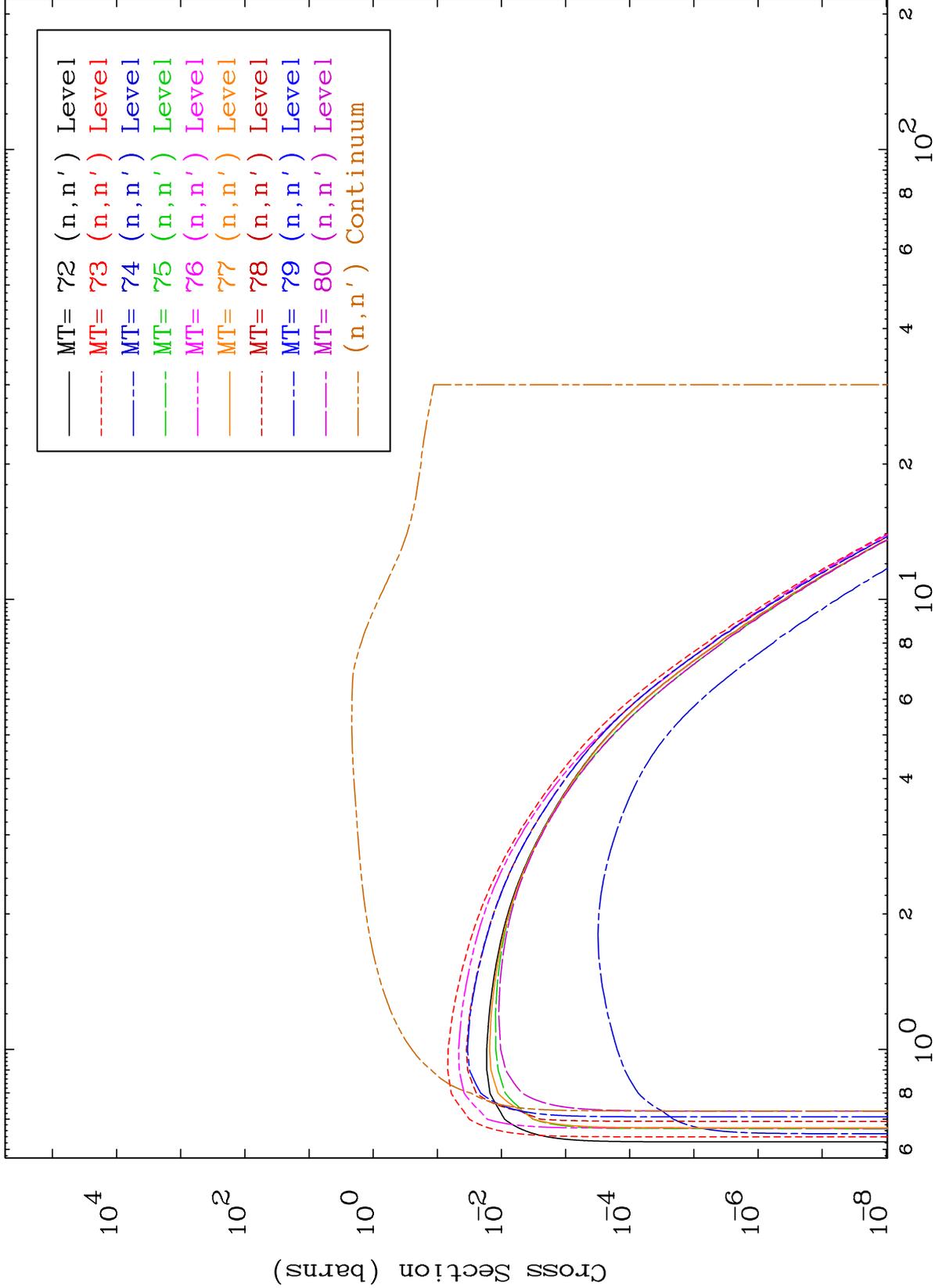
49-In-116

MAT 4935

(n,n') Level

49-In-116

293 Kelvin Cross Sections



9

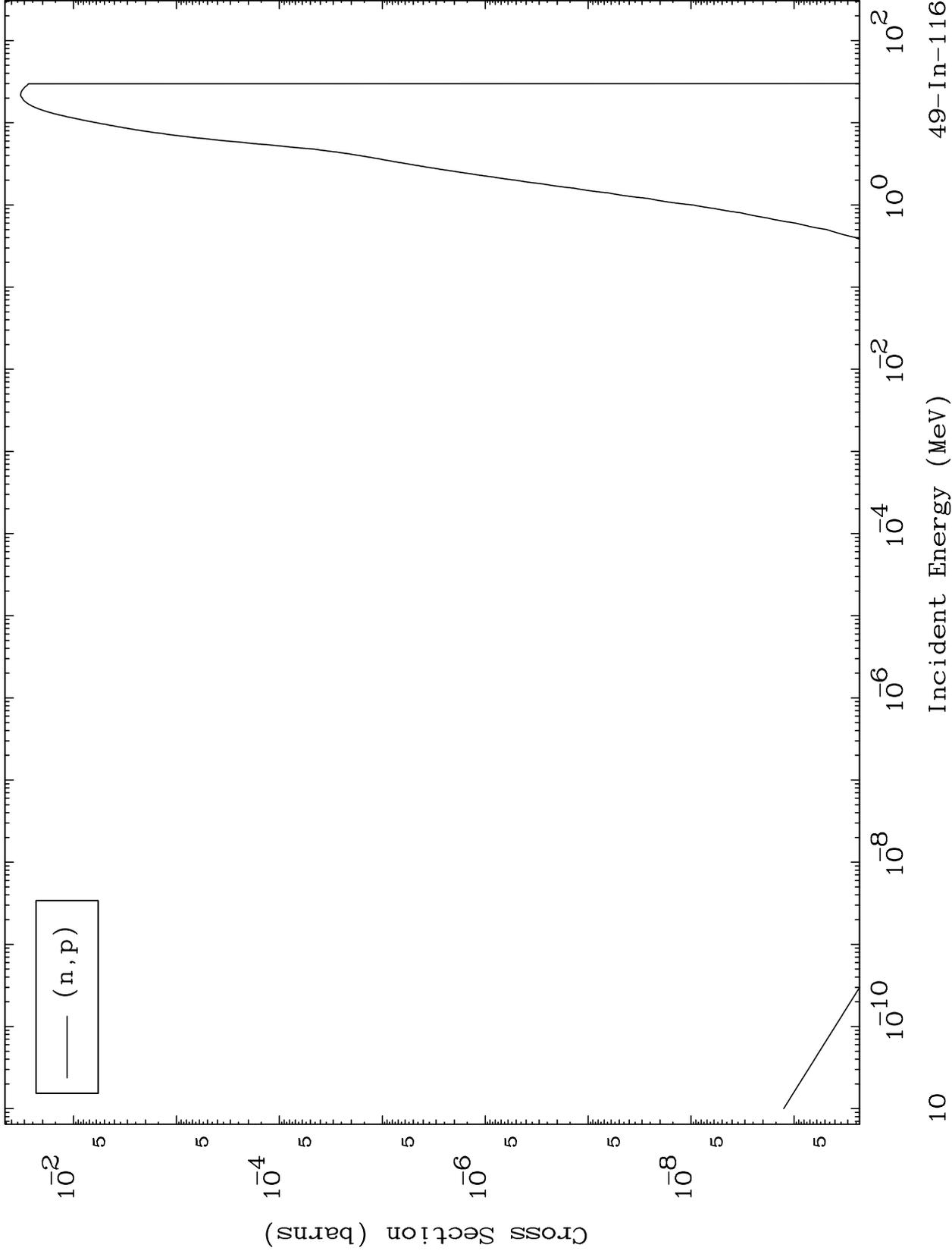
Incident Energy (MeV)

49-In-116

MAT 4935

(n,p) Levels  
293 Kelvin Cross Sections

49-In-116



10

Incident Energy (MeV)

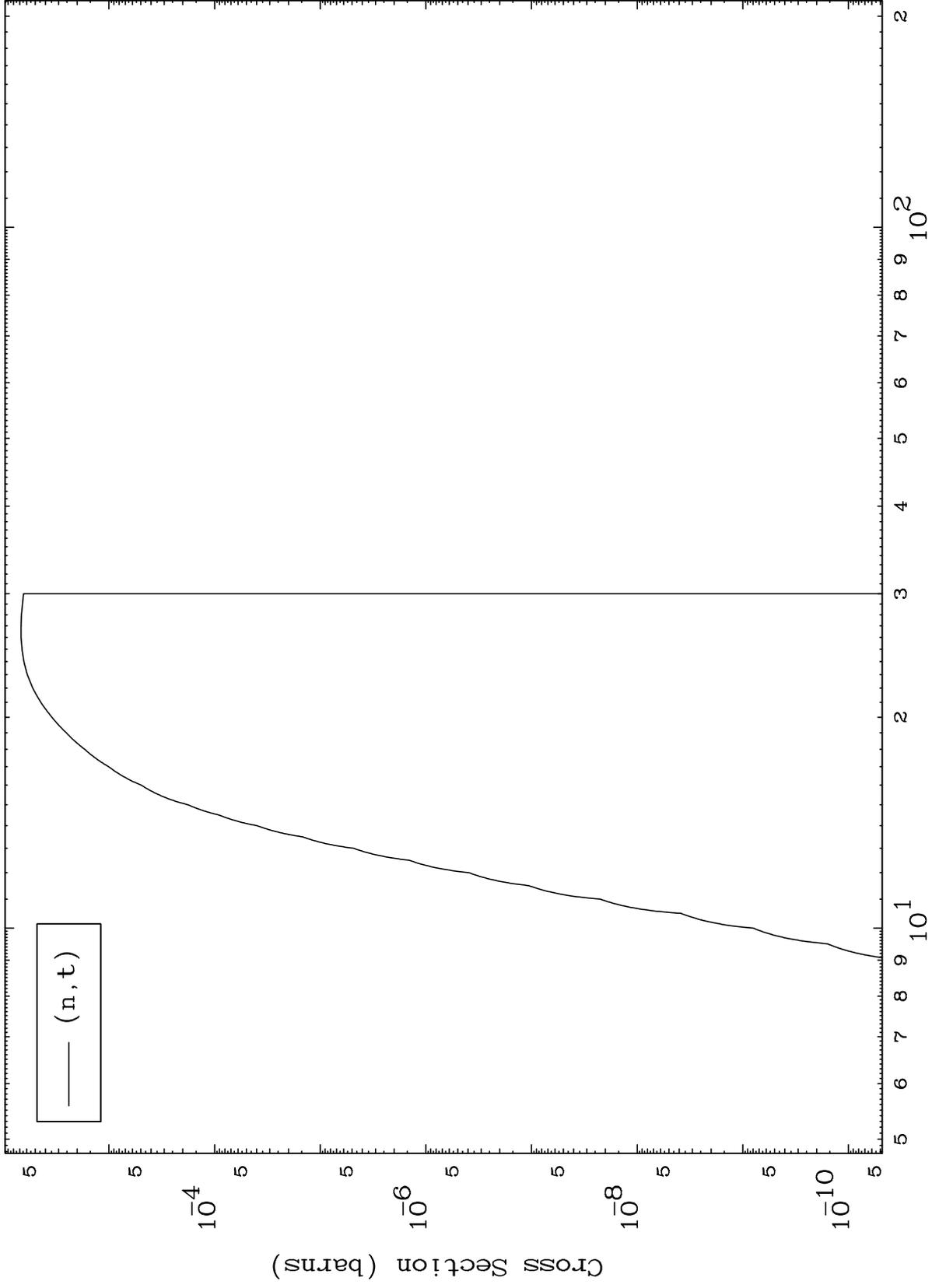
49-In-116



MAT 4935

(n,t) Levels  
293 Kelvin Cross Sections

49-In-116



12

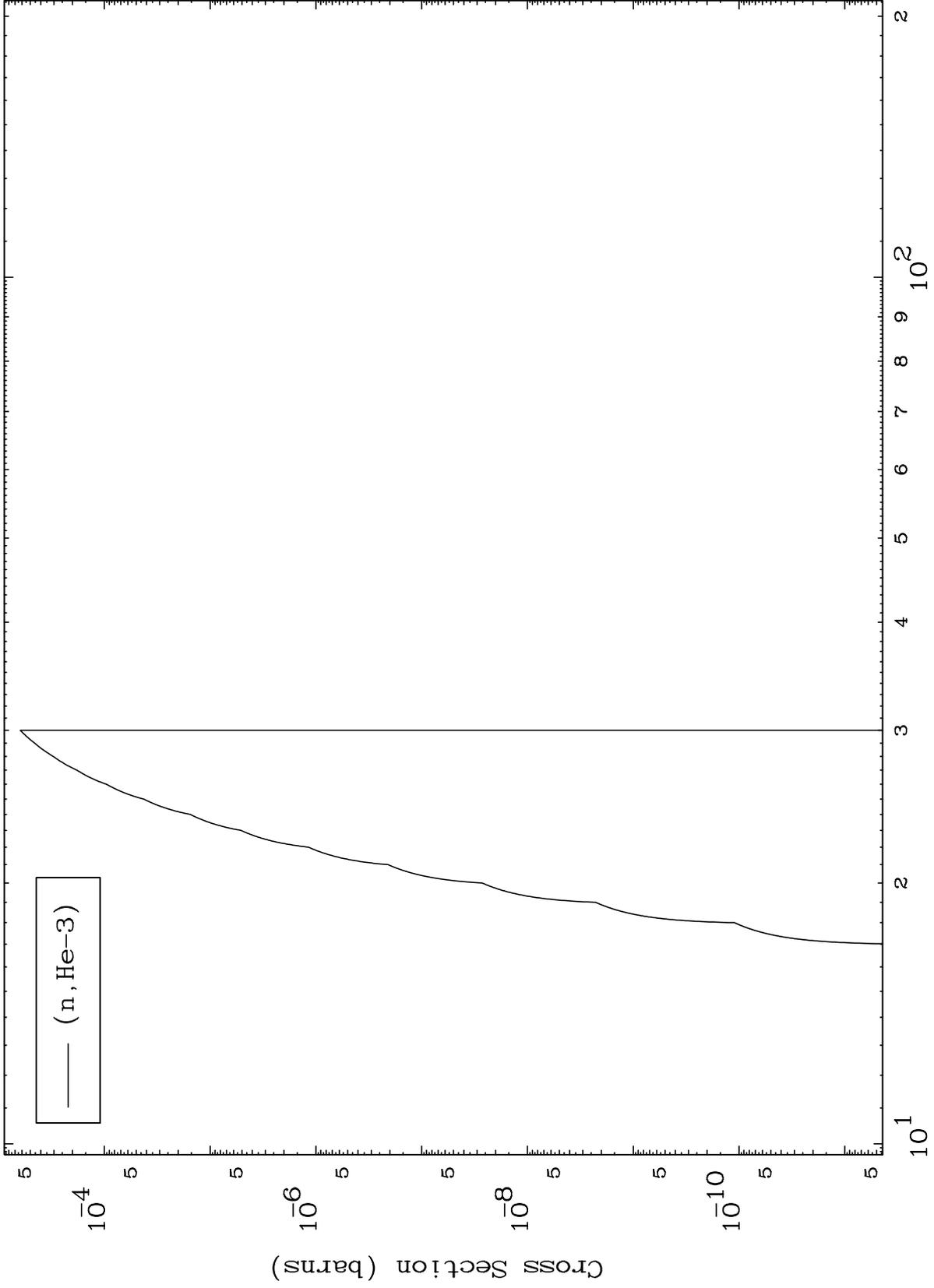
Incident Energy (MeV)

49-In-116

MAT 4935

(n,He3) Levels  
293 Kelvin Cross Sections

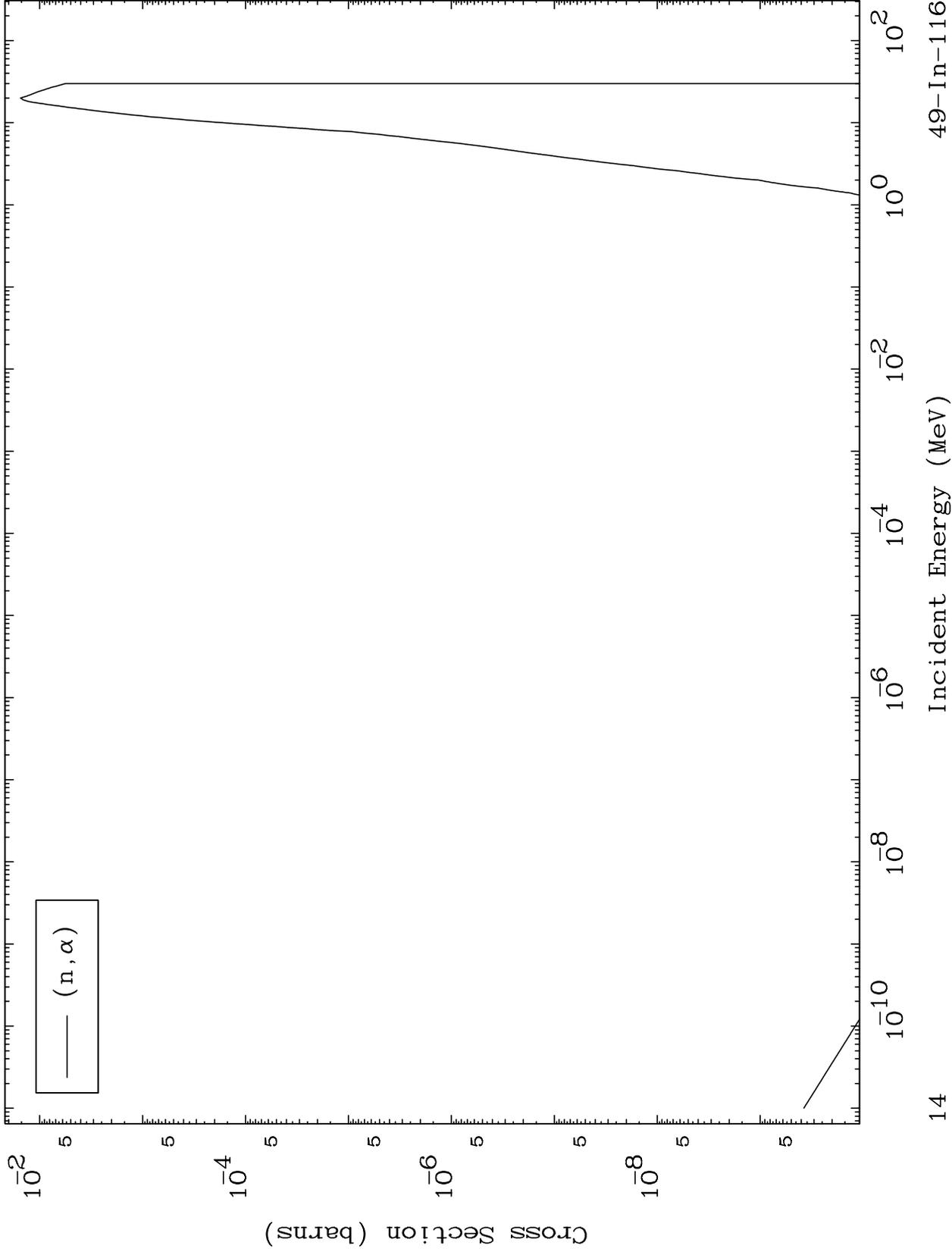
49-In-116

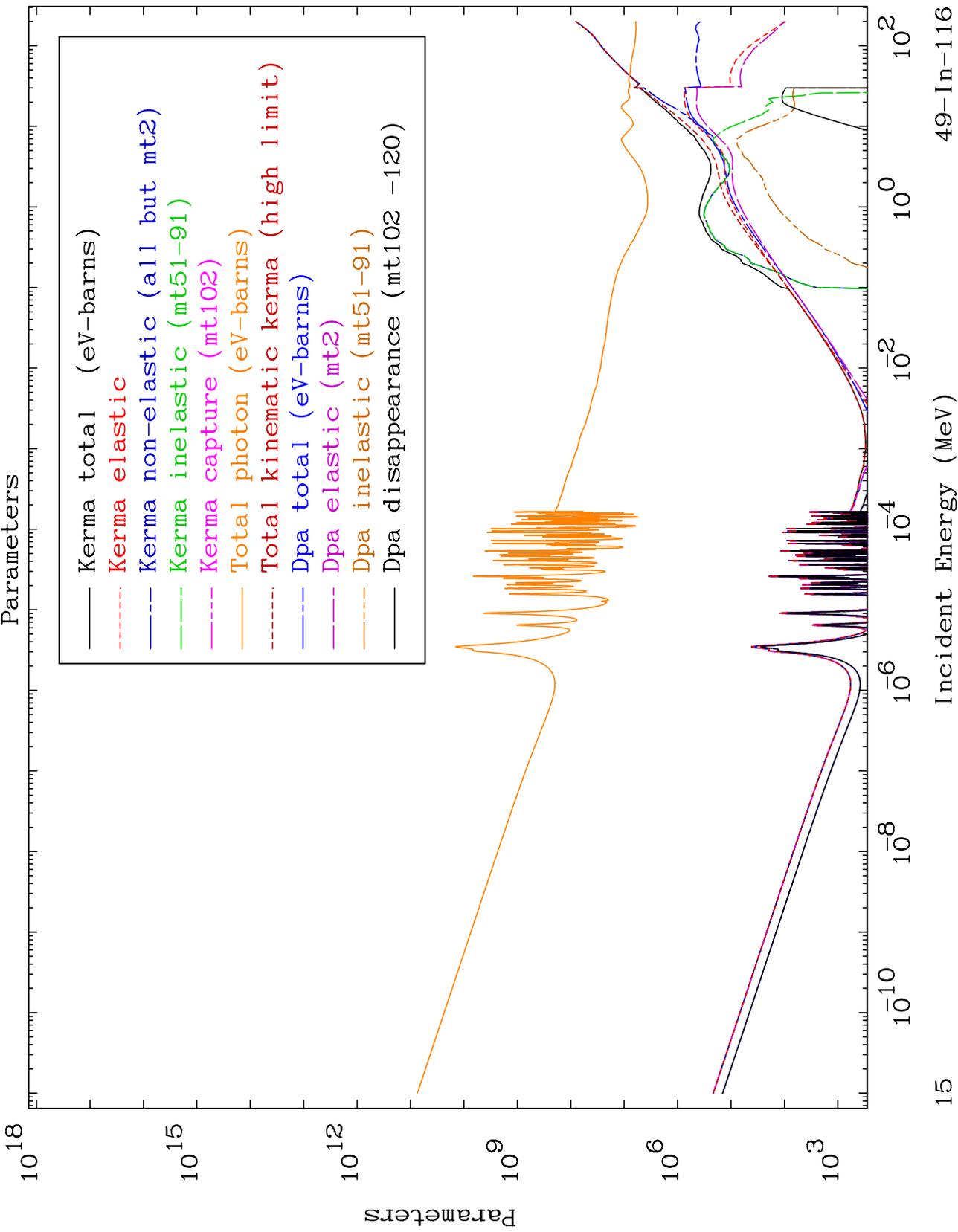


MAT 4935

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

49-In-116



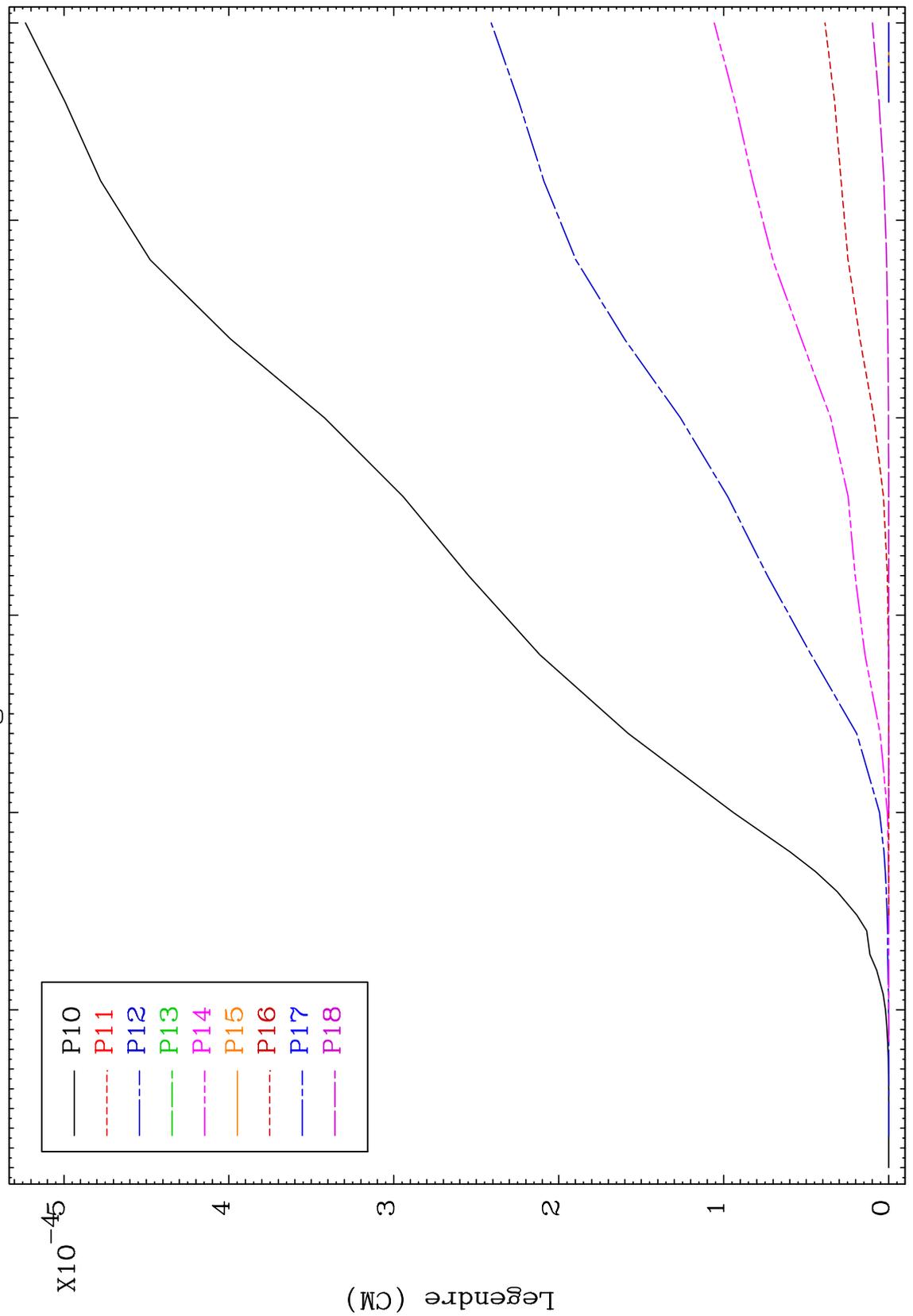




MAT 4935

Elastic Legendre Coefficients

49-In-116



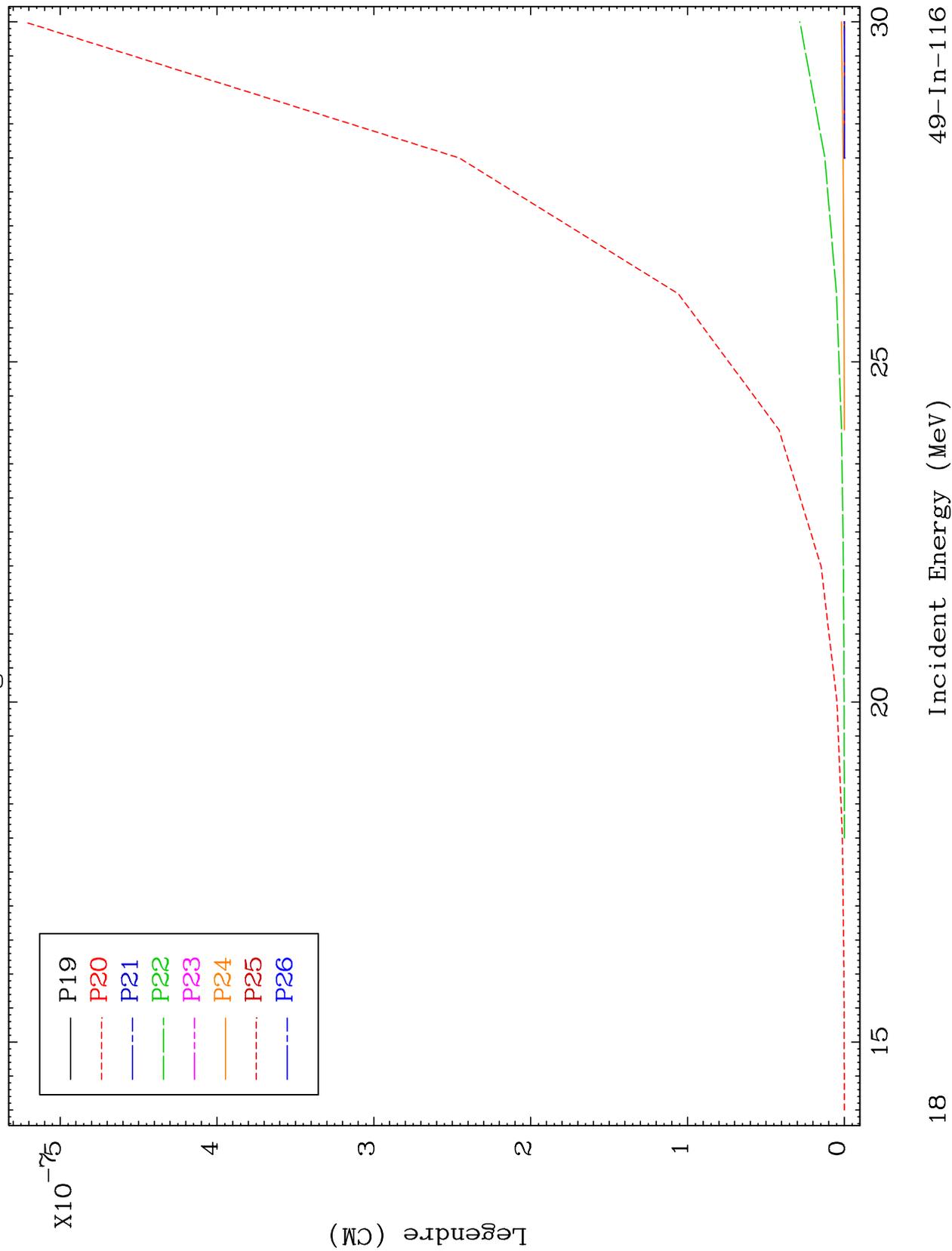
17

49-In-116

MAT 4935

Elastic  
Legendre Coefficients

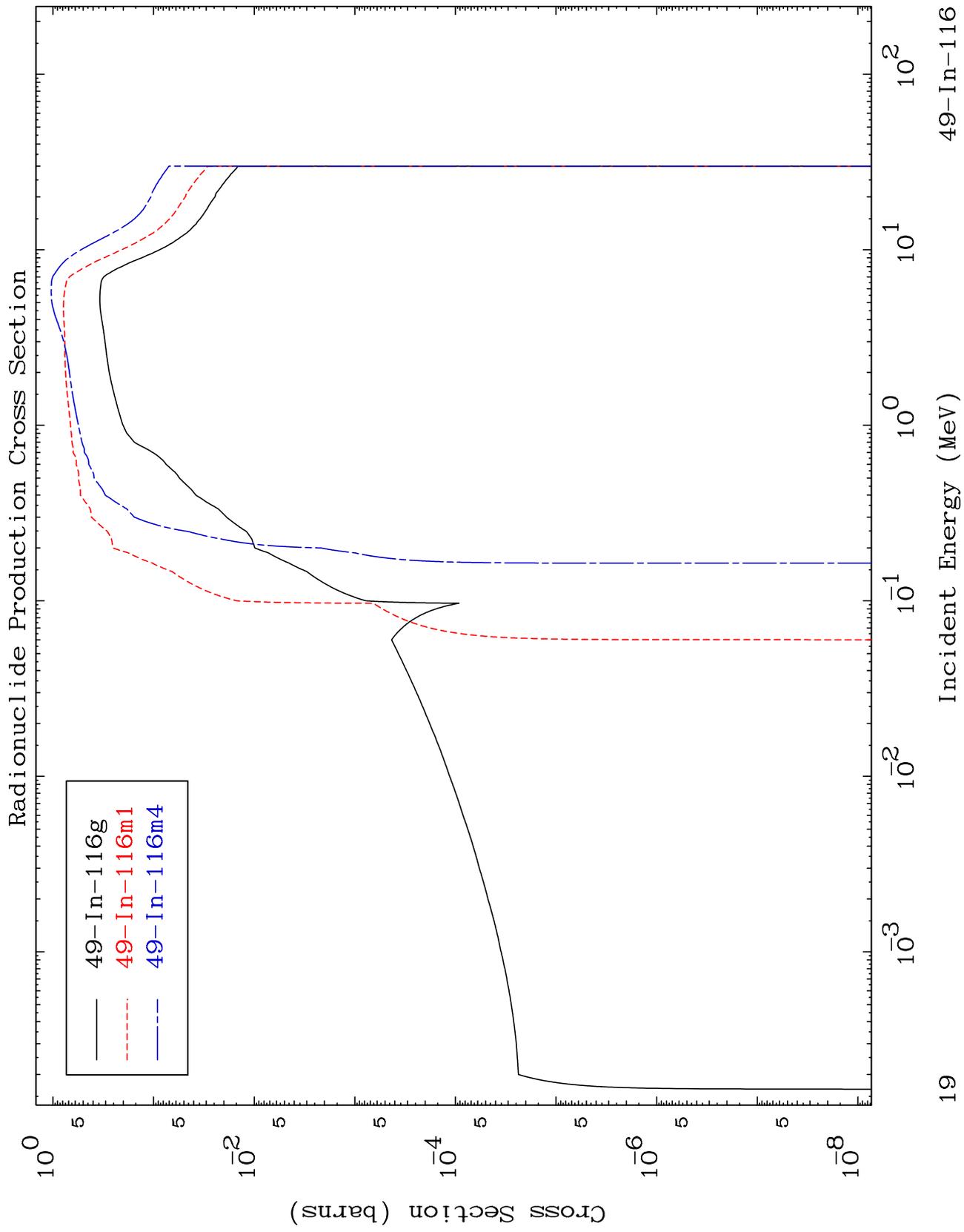
49-In-116



- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26

MAT 4935

49-In-116



19

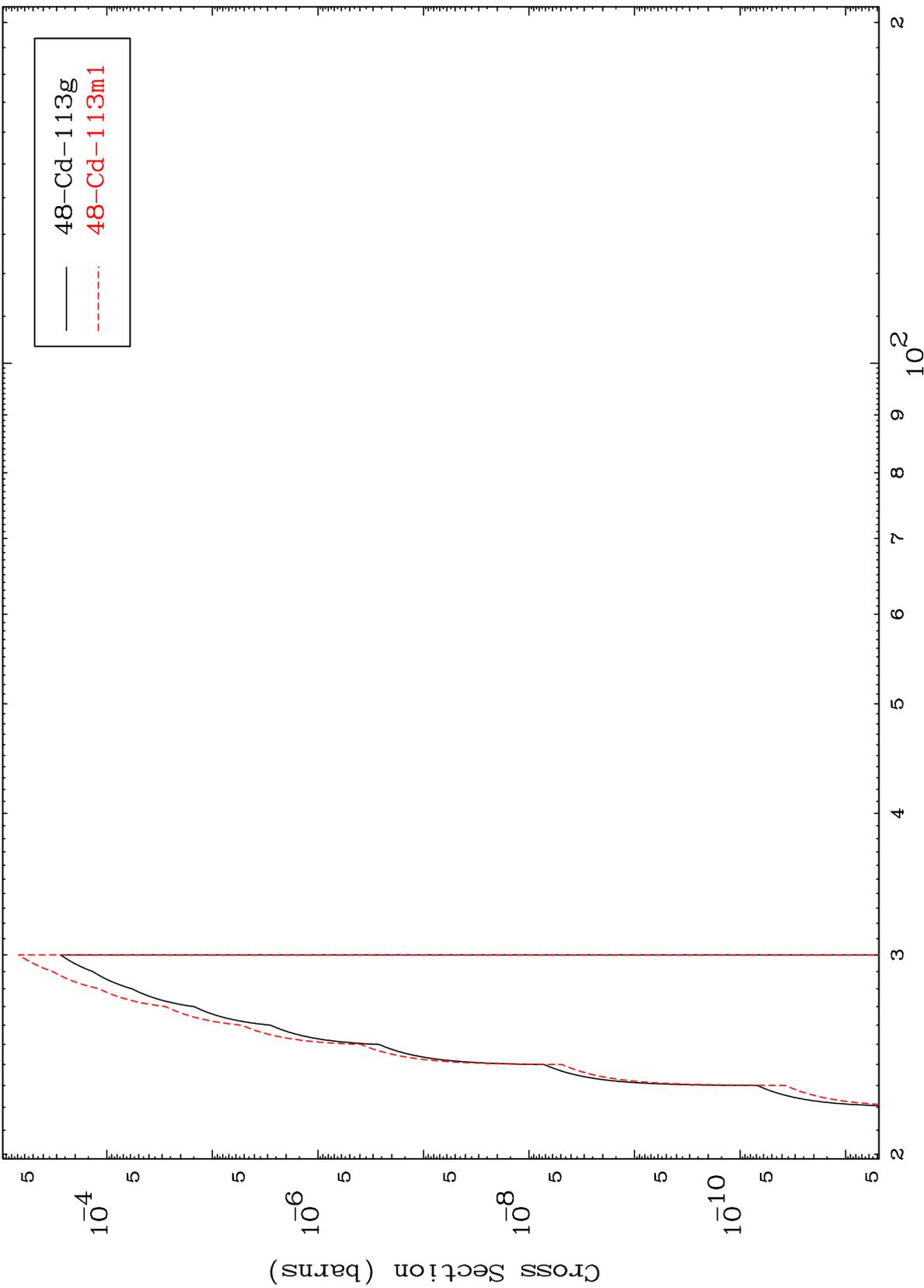
49-In-116

MAT 4935

(n,2n) d

49-In-116

Radionuclide Production Cross Section



20

Incident Energy (MeV)

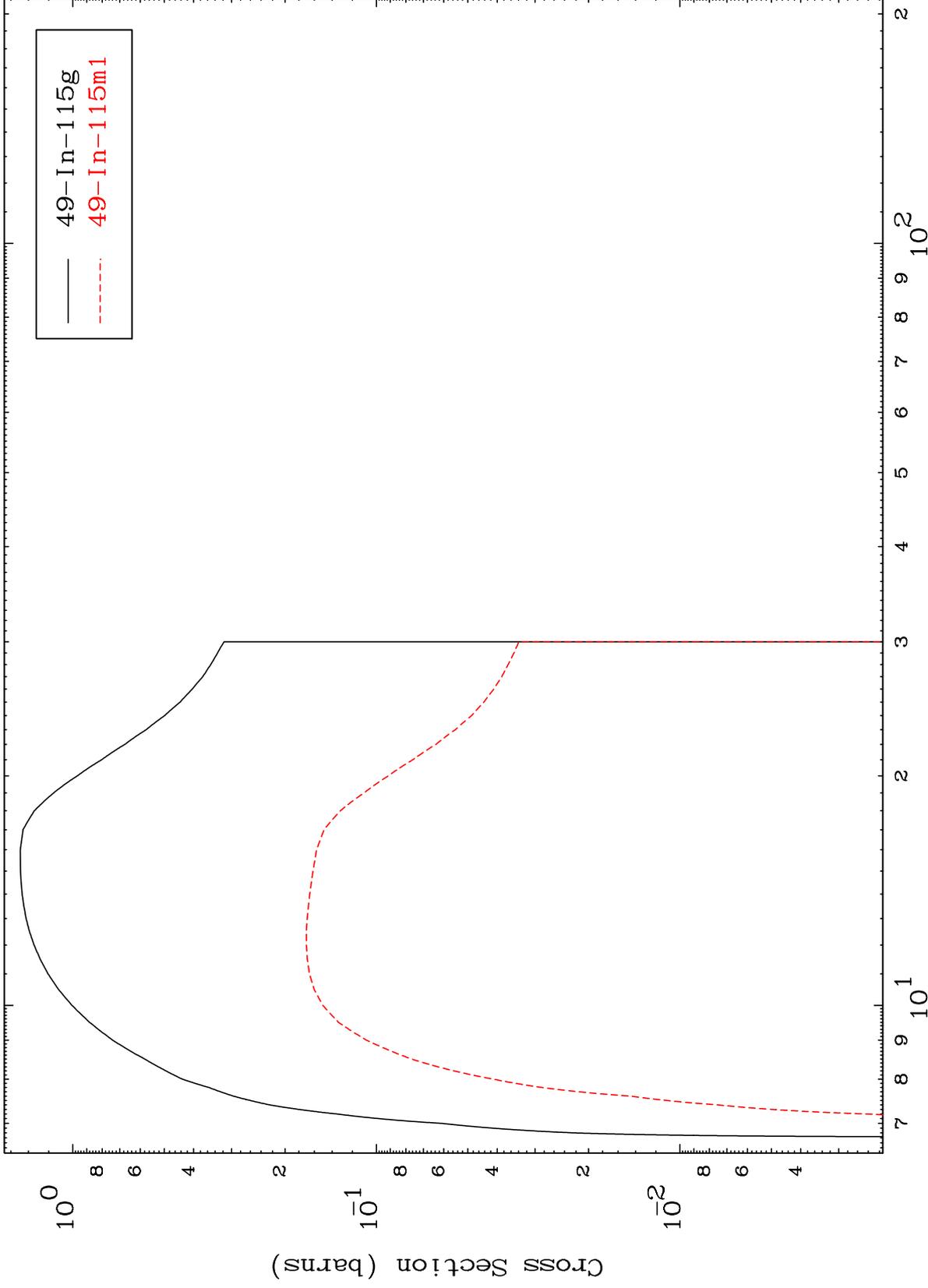
49-In-116

MAT 4935

(n,2n)

49-In-116

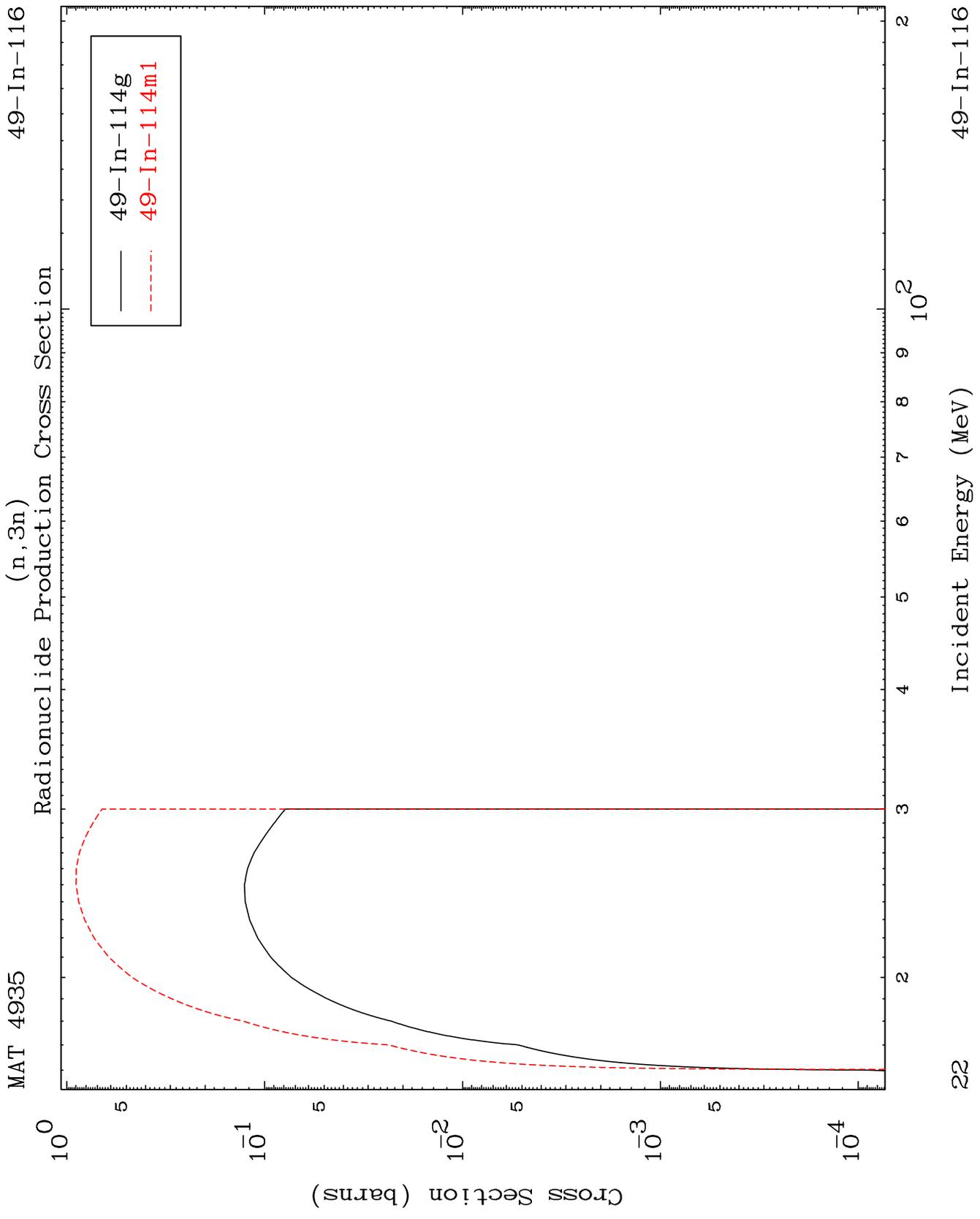
Radionuclide Production Cross Section



21

Incident Energy (MeV)

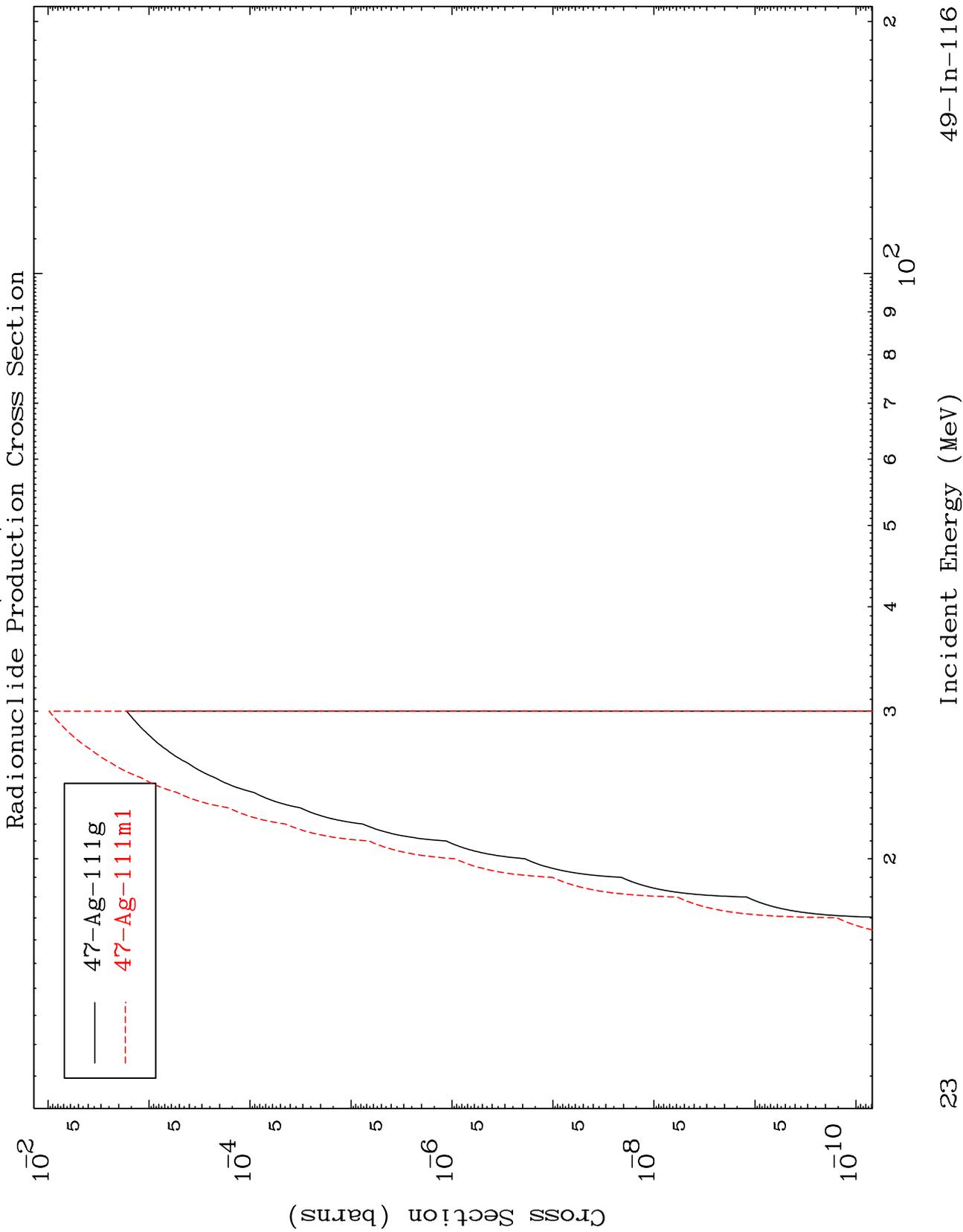
49-In-116



MAT 4935

(n,2n)  $\alpha$

49-In-116

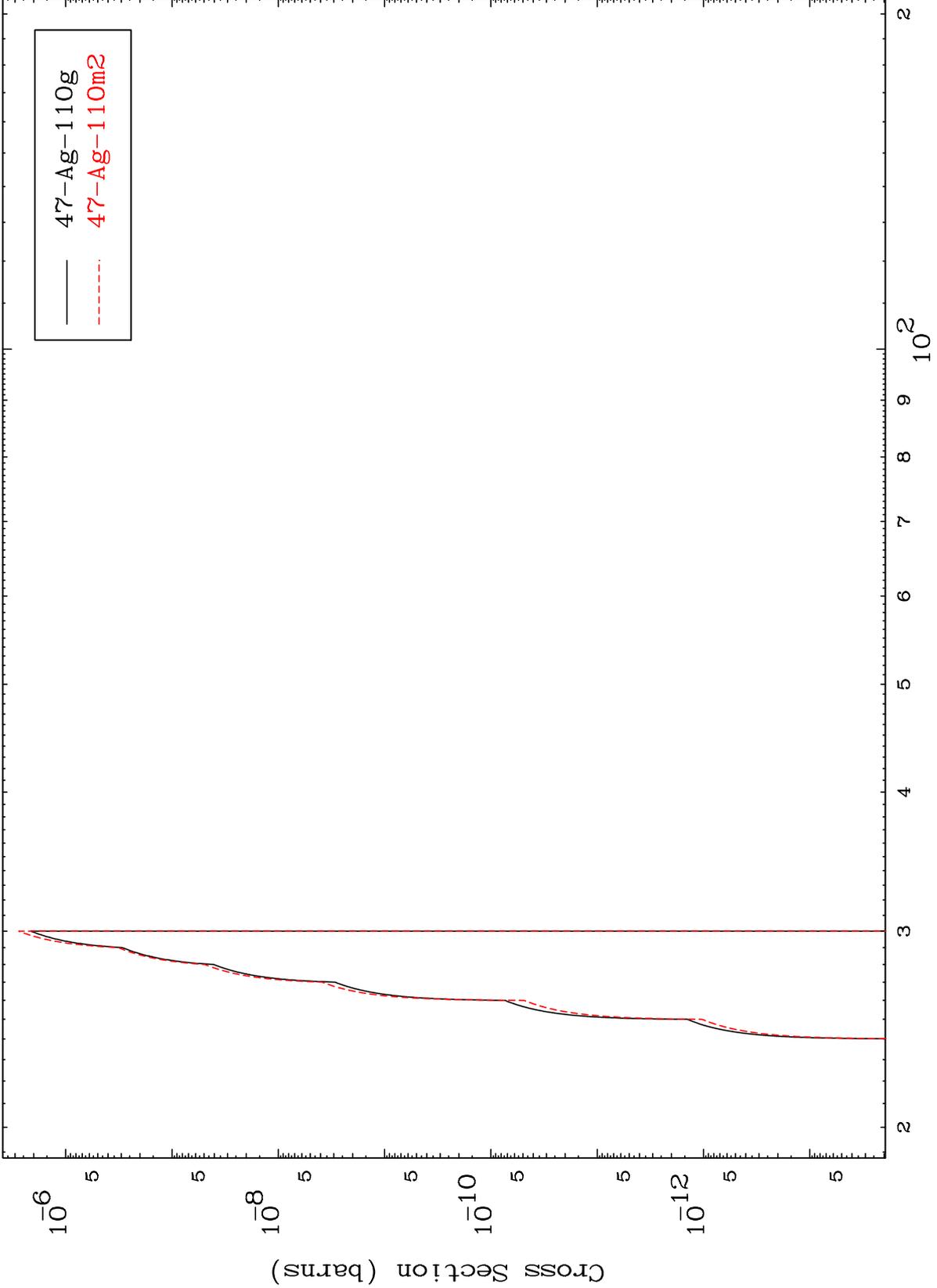


MAT 4935

(n,3n)  $\alpha$

49-In-116

Radionuclide Production Cross Section



24

Incident Energy (MeV)

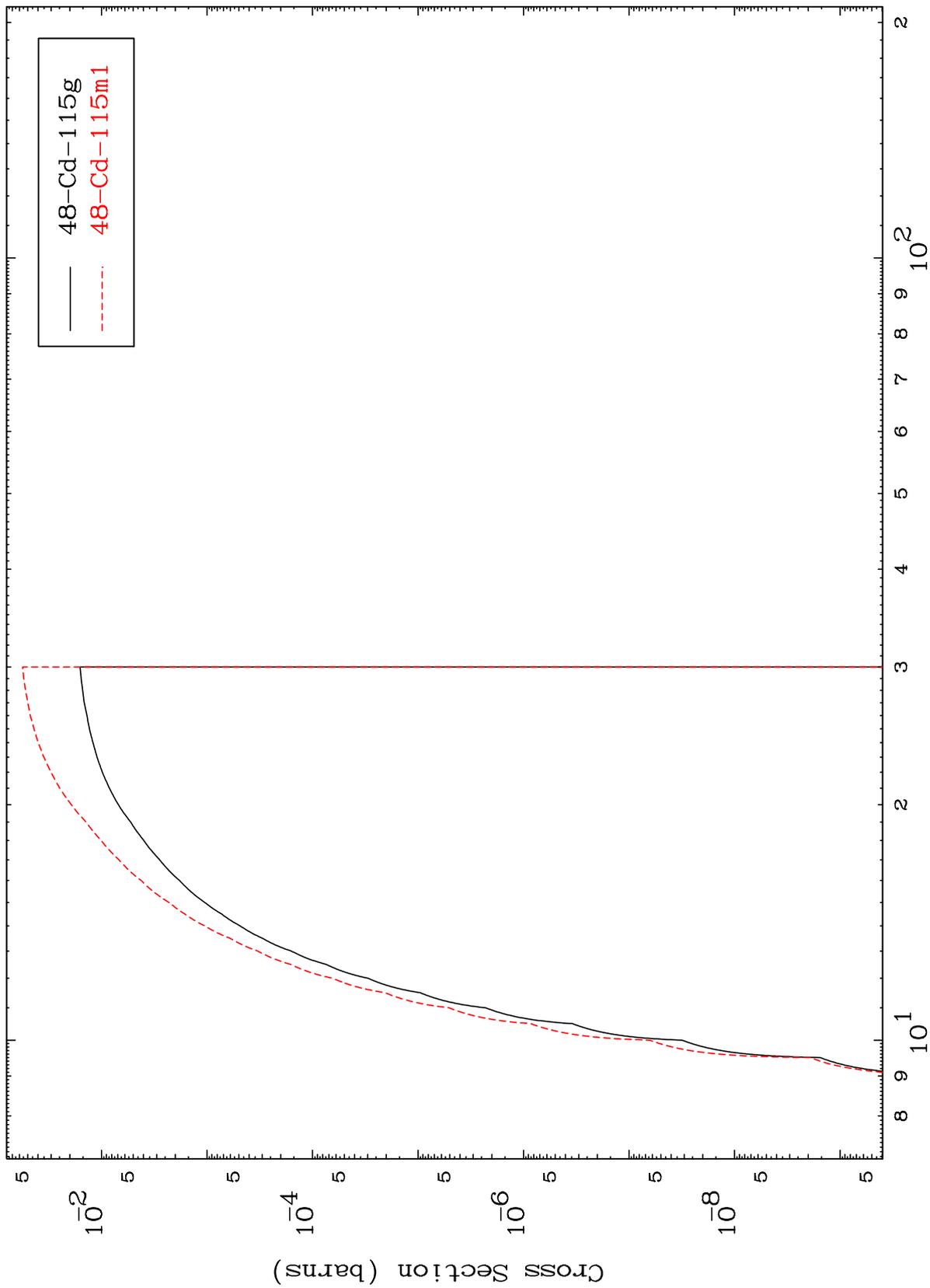
49-In-116

MAT 4935

(n,n') p

49-In-116

Radionuclide Production Cross Section



25

Incident Energy (MeV)

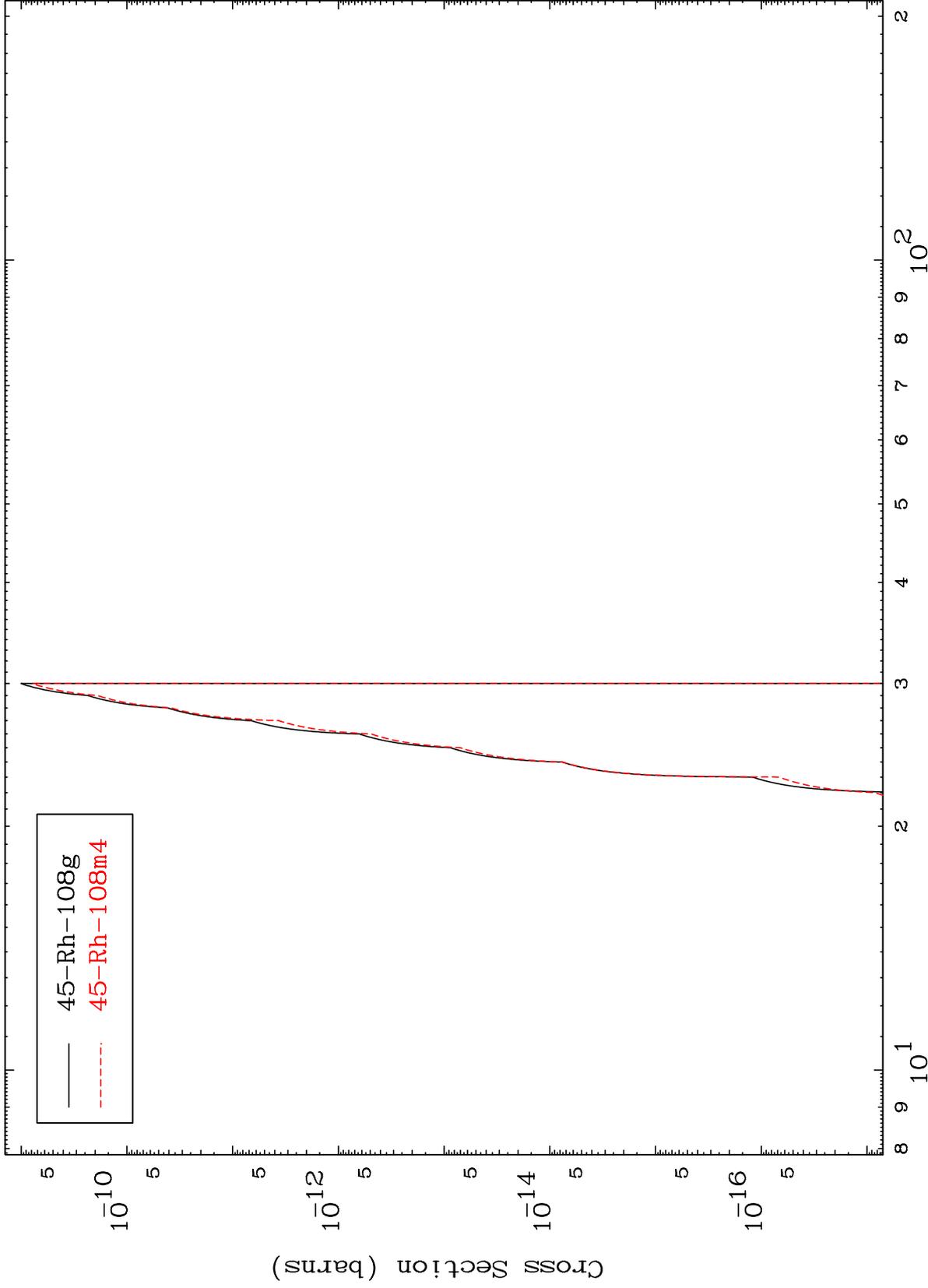
49-In-116

MAT 4935

(n,n') 2α

49-In-116

Radionuclide Production Cross Section



45-Rh-108g  
45-Rh-108m4

26

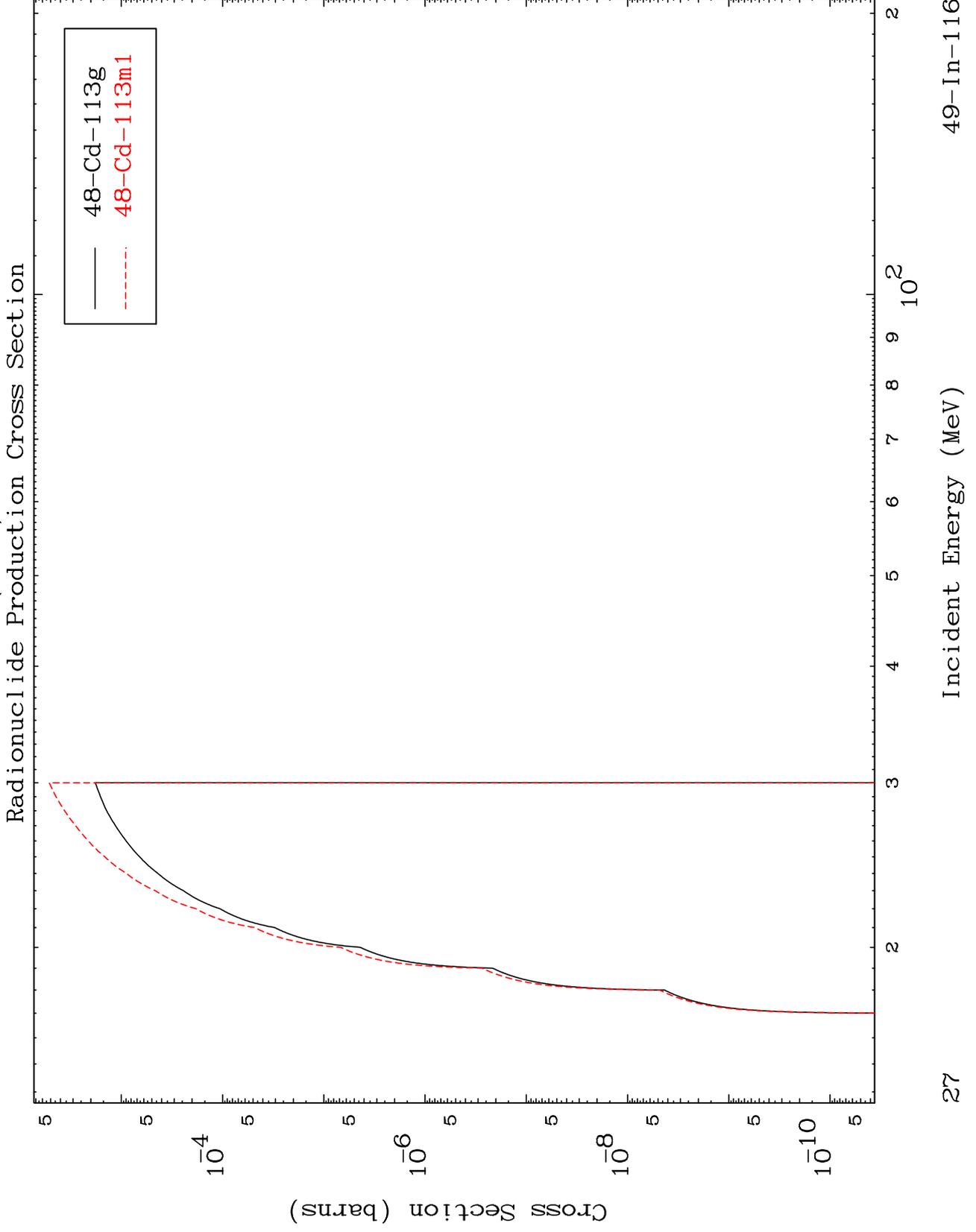
Incident Energy (MeV)

49-In-116

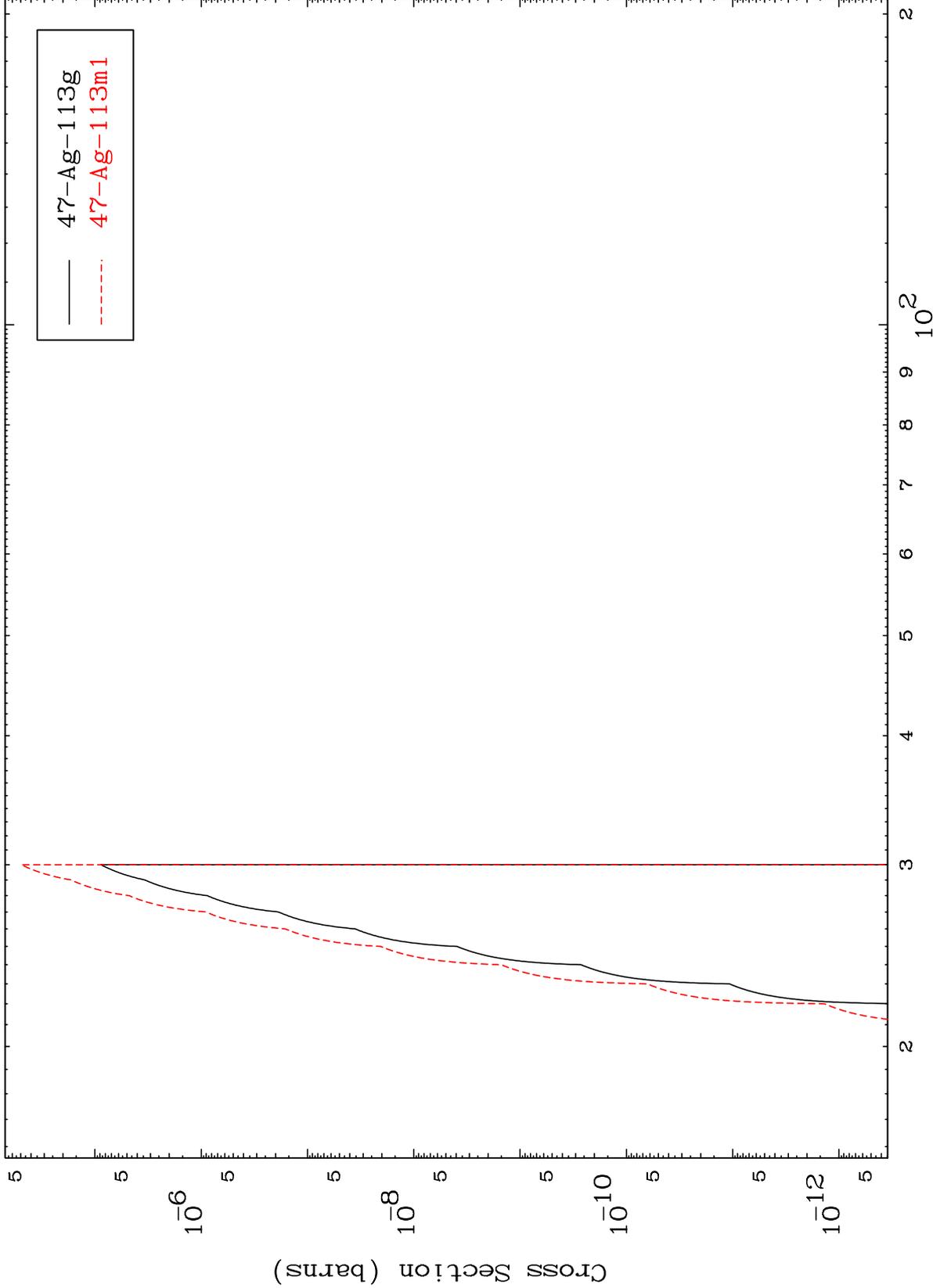
MAT 4935

(n,n') t

49-In-116

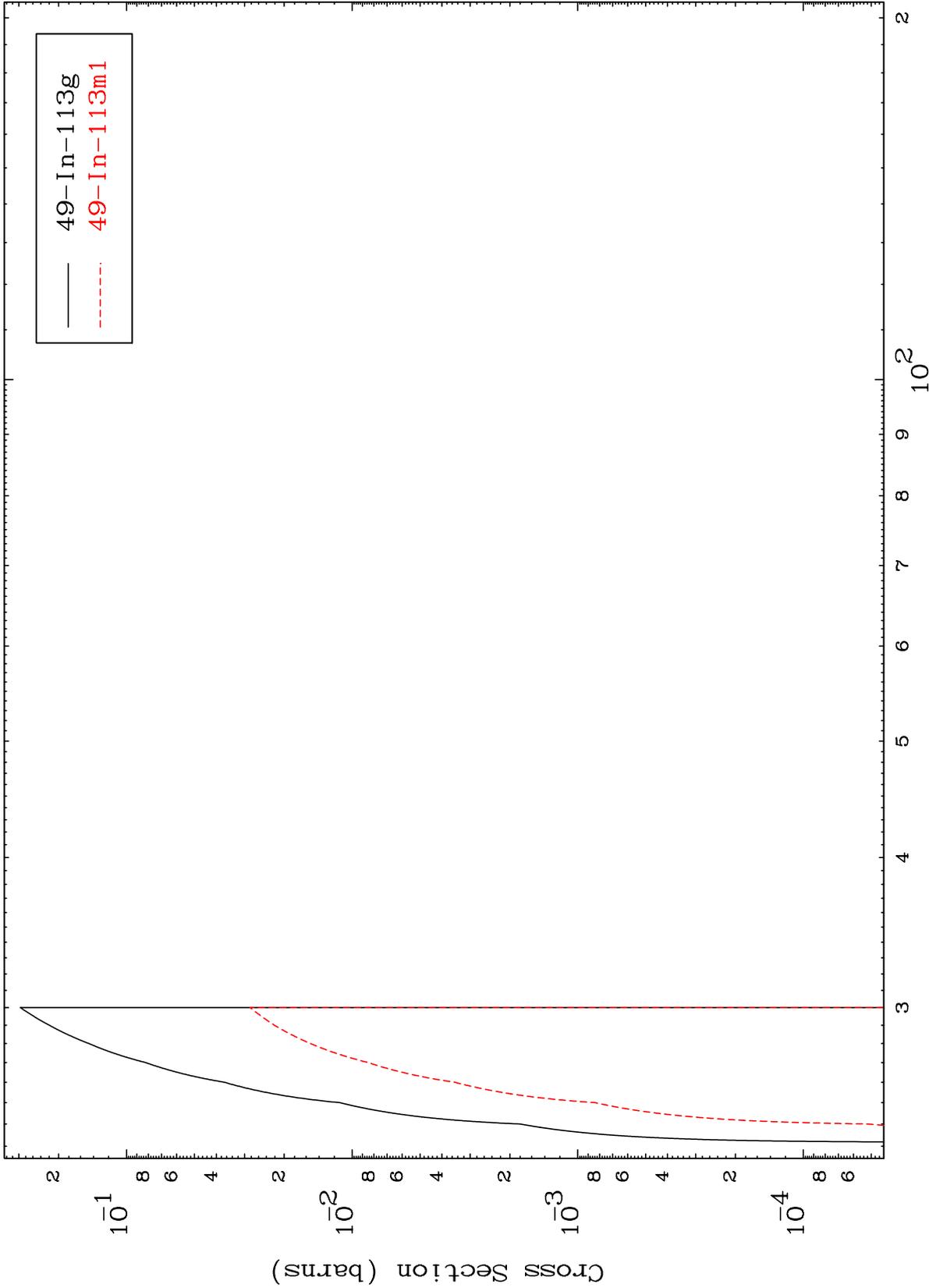


Radionuclide Production Cross Section



47-Ag-113g  
47-Ag-113m1

Radionuclide Production Cross Section



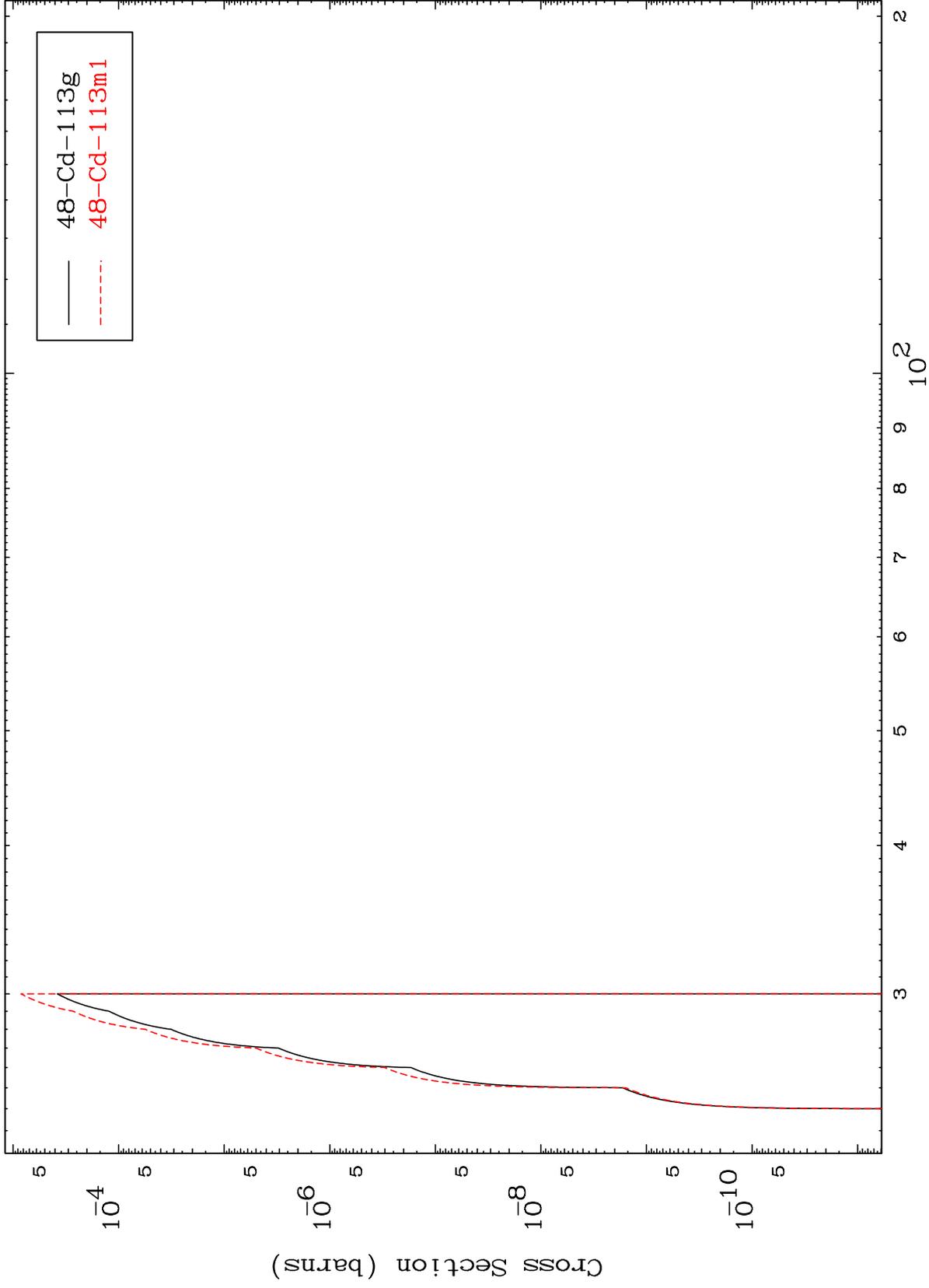
49-In-113g  
49-In-113m1

MAT 4935

(n,3n) p

49-In-116

Radionuclide Production Cross Section



30

Incident Energy (MeV)

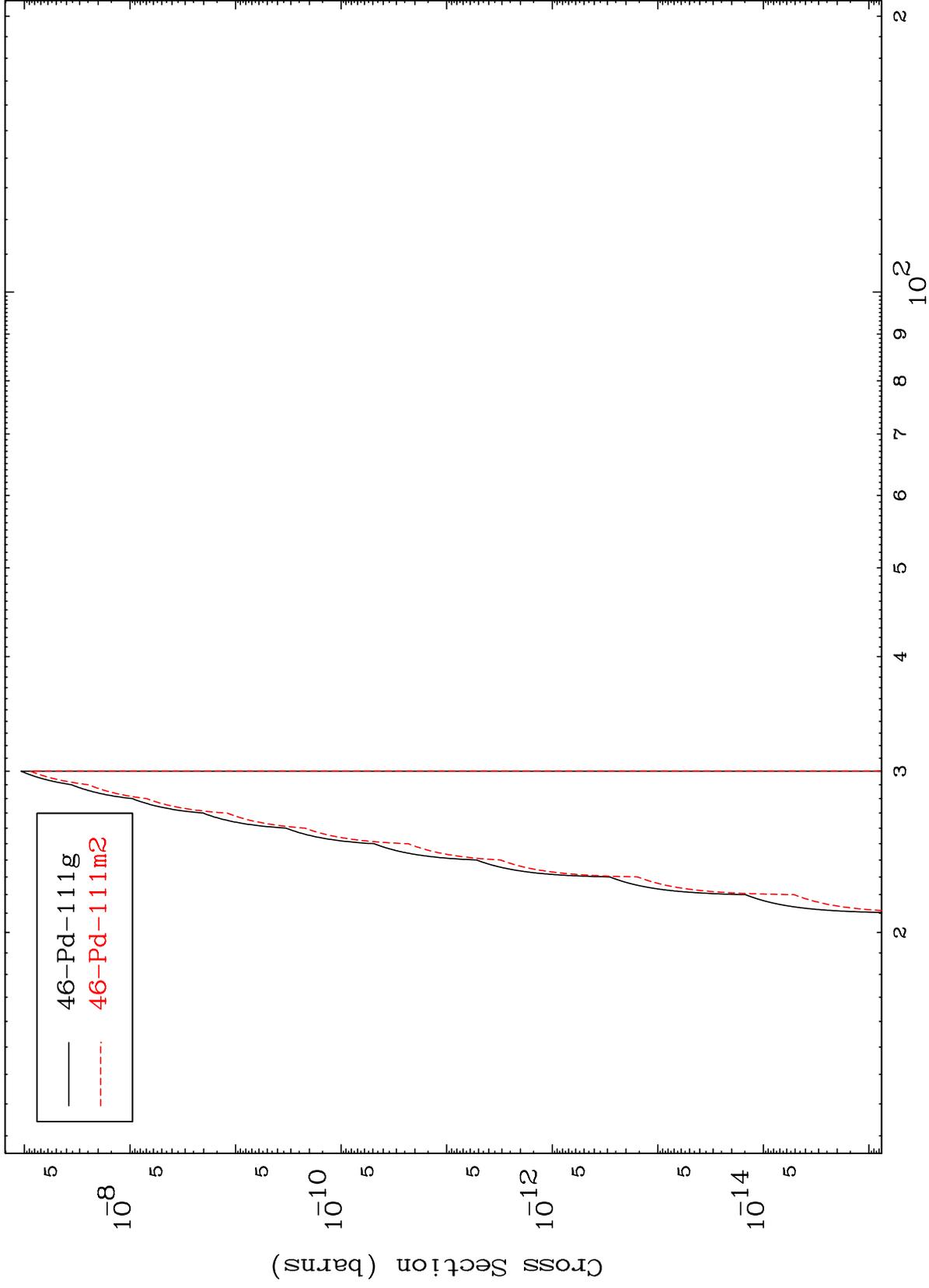
49-In-116

MAT 4935

(n,n') p  $\alpha$

49-In-116

Radionuclide Production Cross Section



31

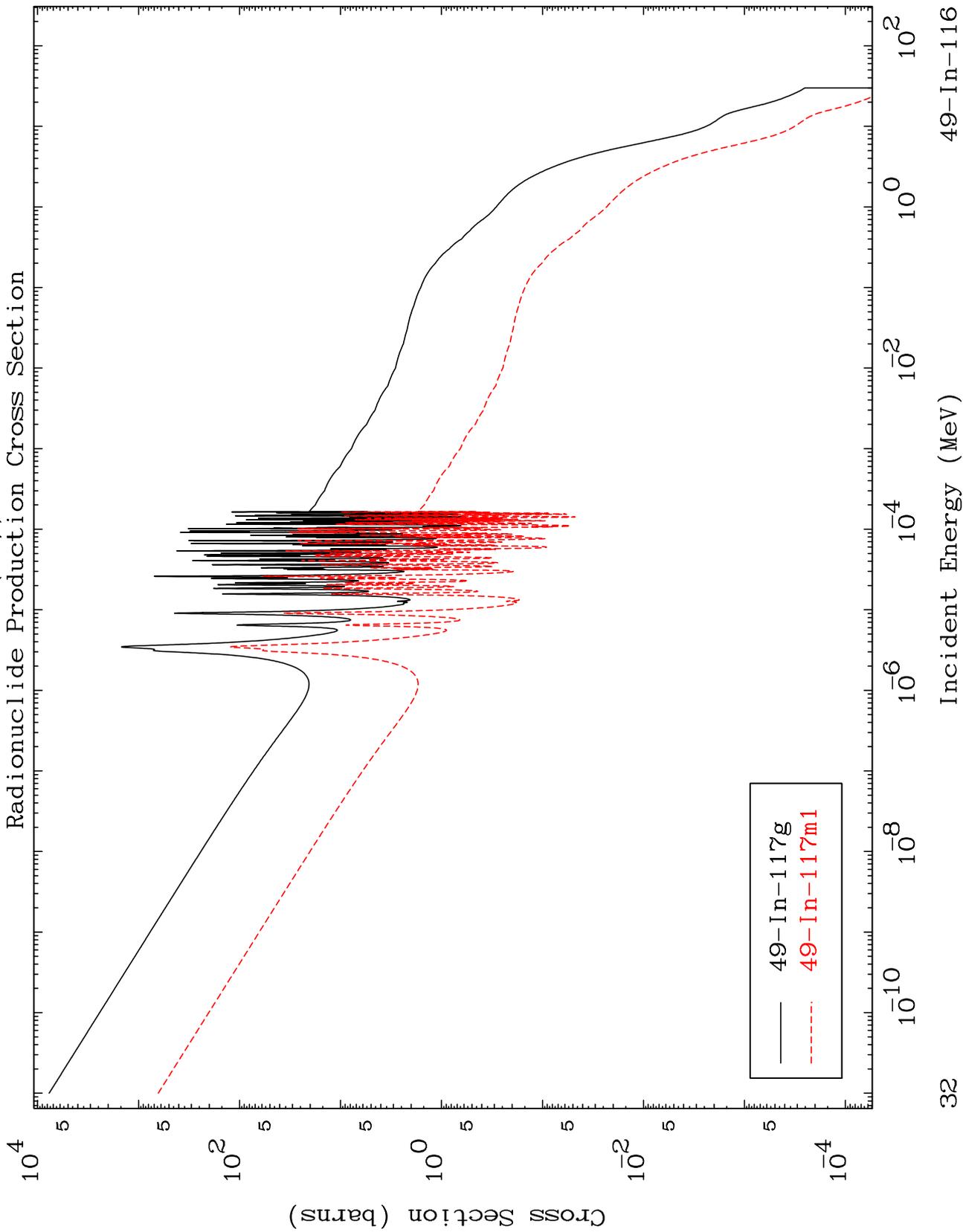
Incident Energy (MeV)

49-In-116

MAT 4935

49-In-116

$(n, \gamma)$   
Radionuclide Production Cross Section

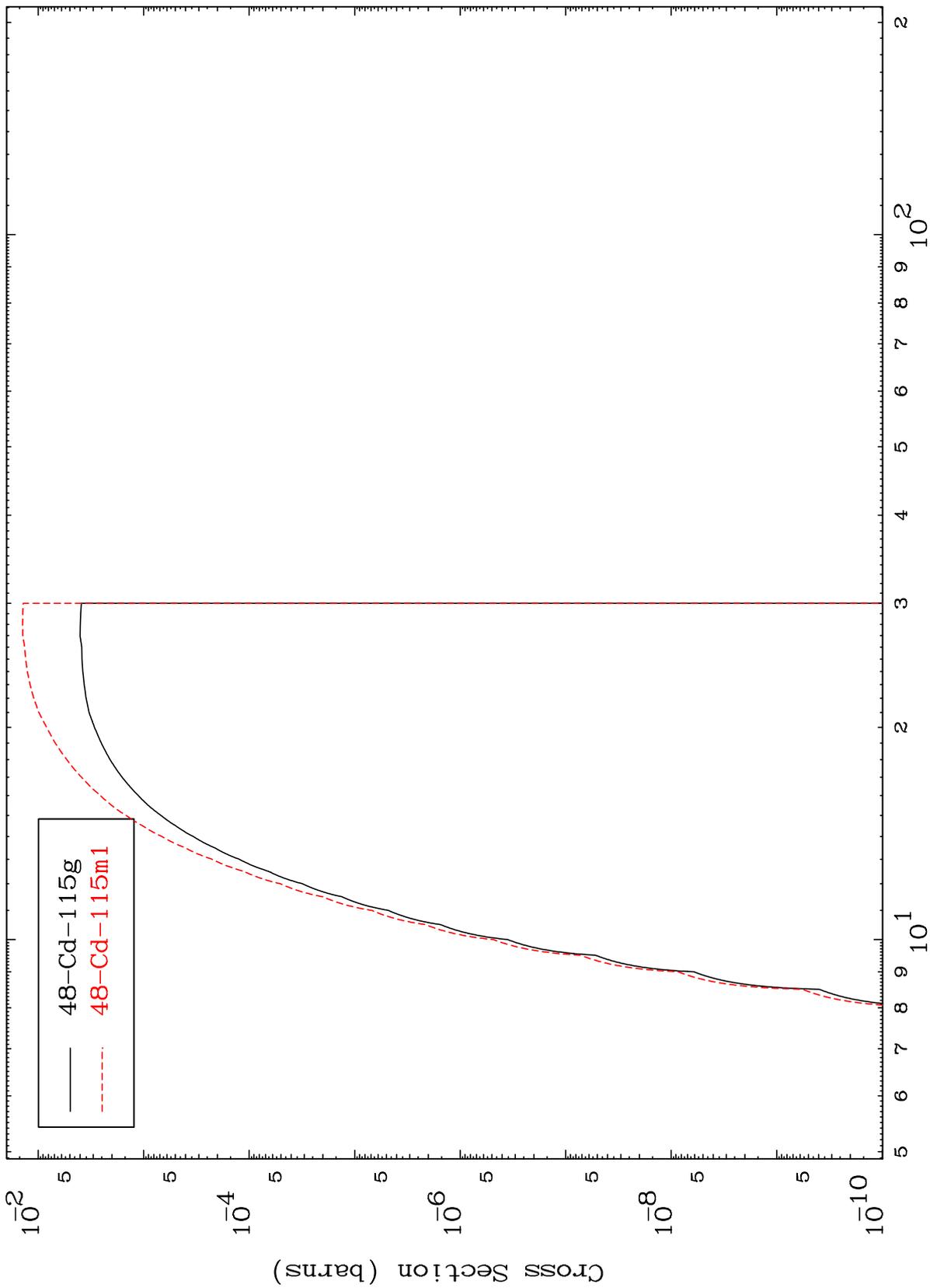


MAT 4935

(n,d)

49-In-116

Radionuclide Production Cross Section



33

Incident Energy (MeV)

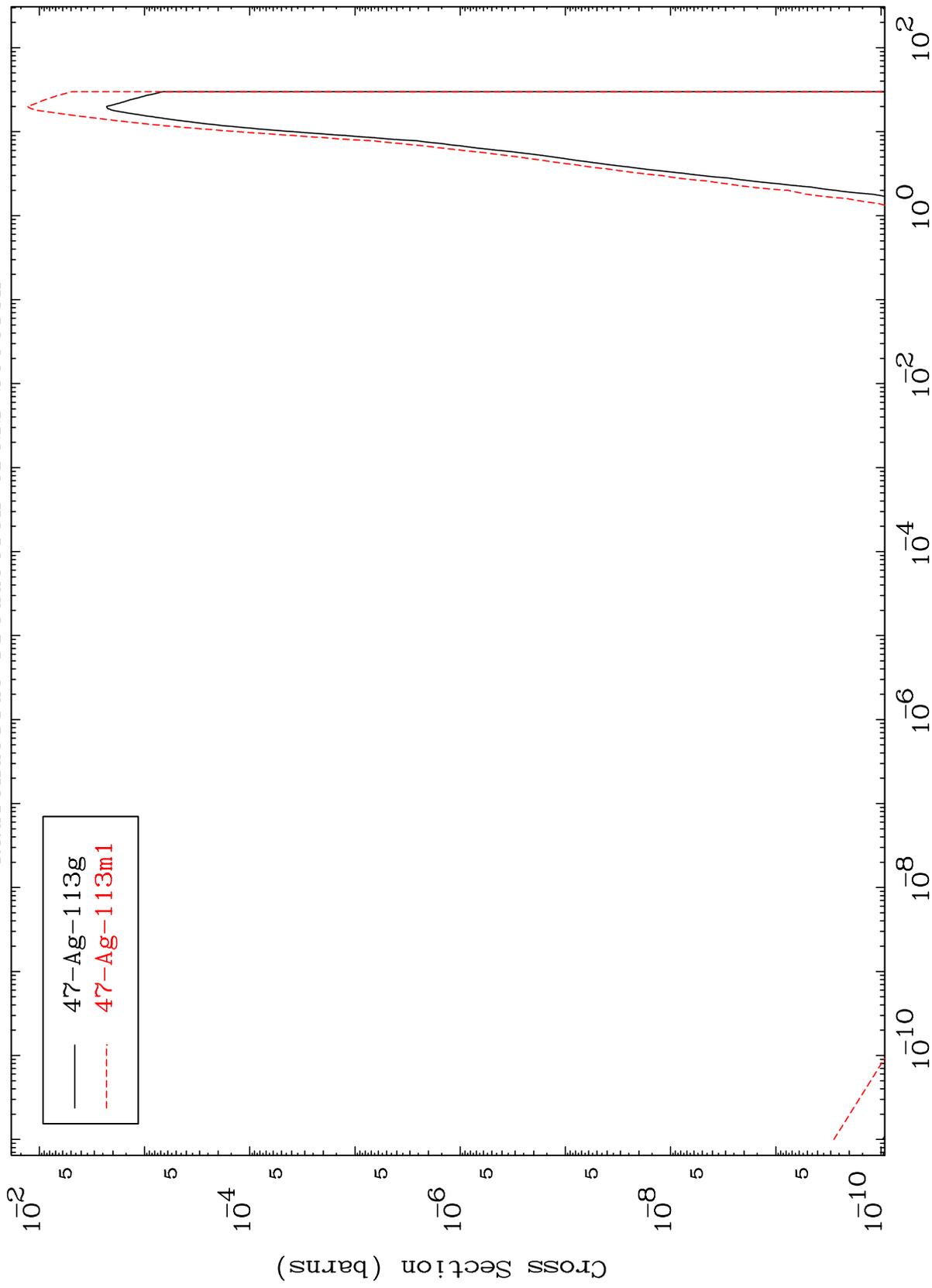
49-In-116

MAT 4935

(n,  $\alpha$ )

49-In-116

Radionuclide Production Cross Section



34

Incident Energy (MeV)

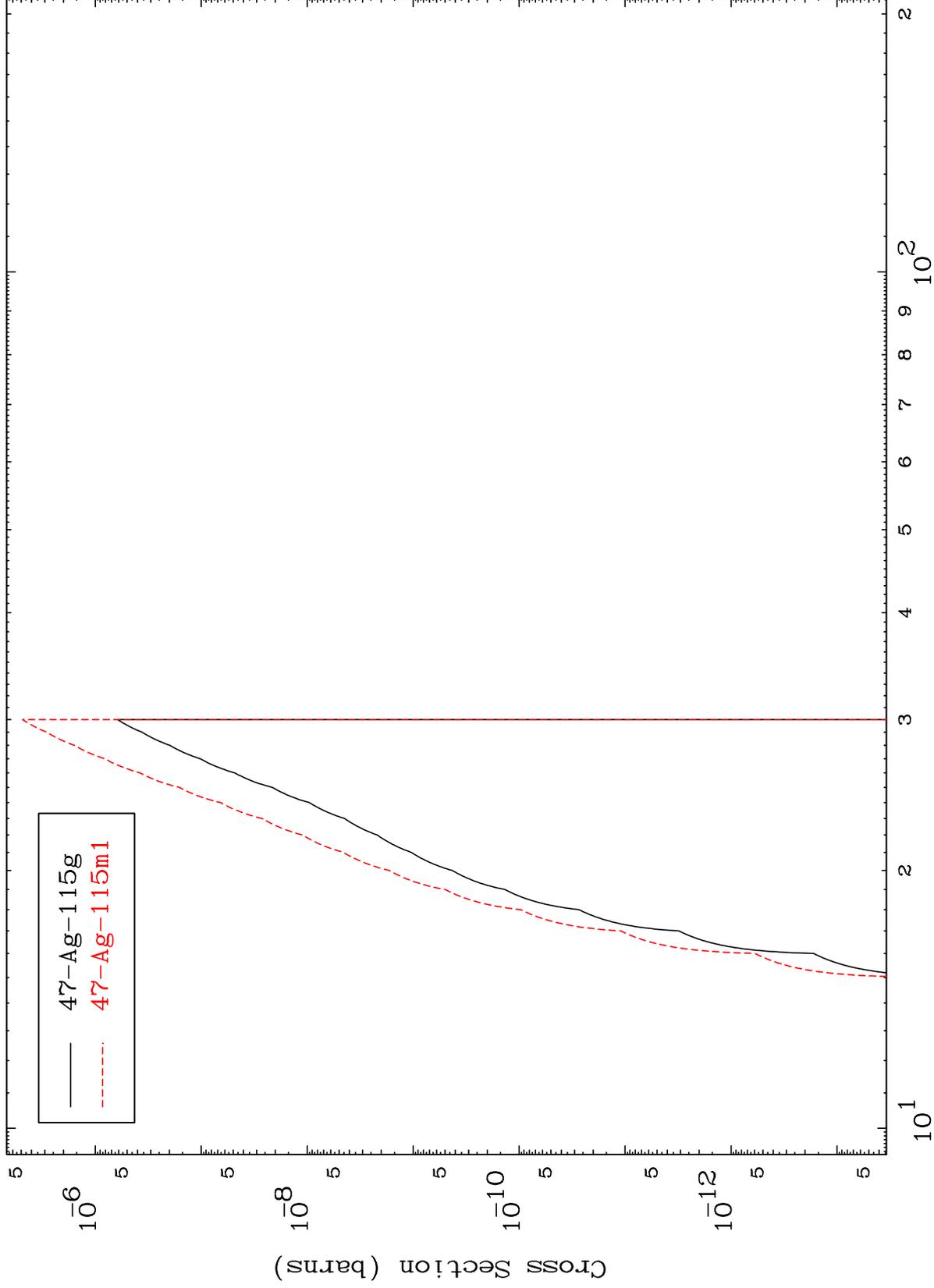
49-In-116

MAT 4935

(n,2p)

49-In-116

Radionuclide Production Cross Section

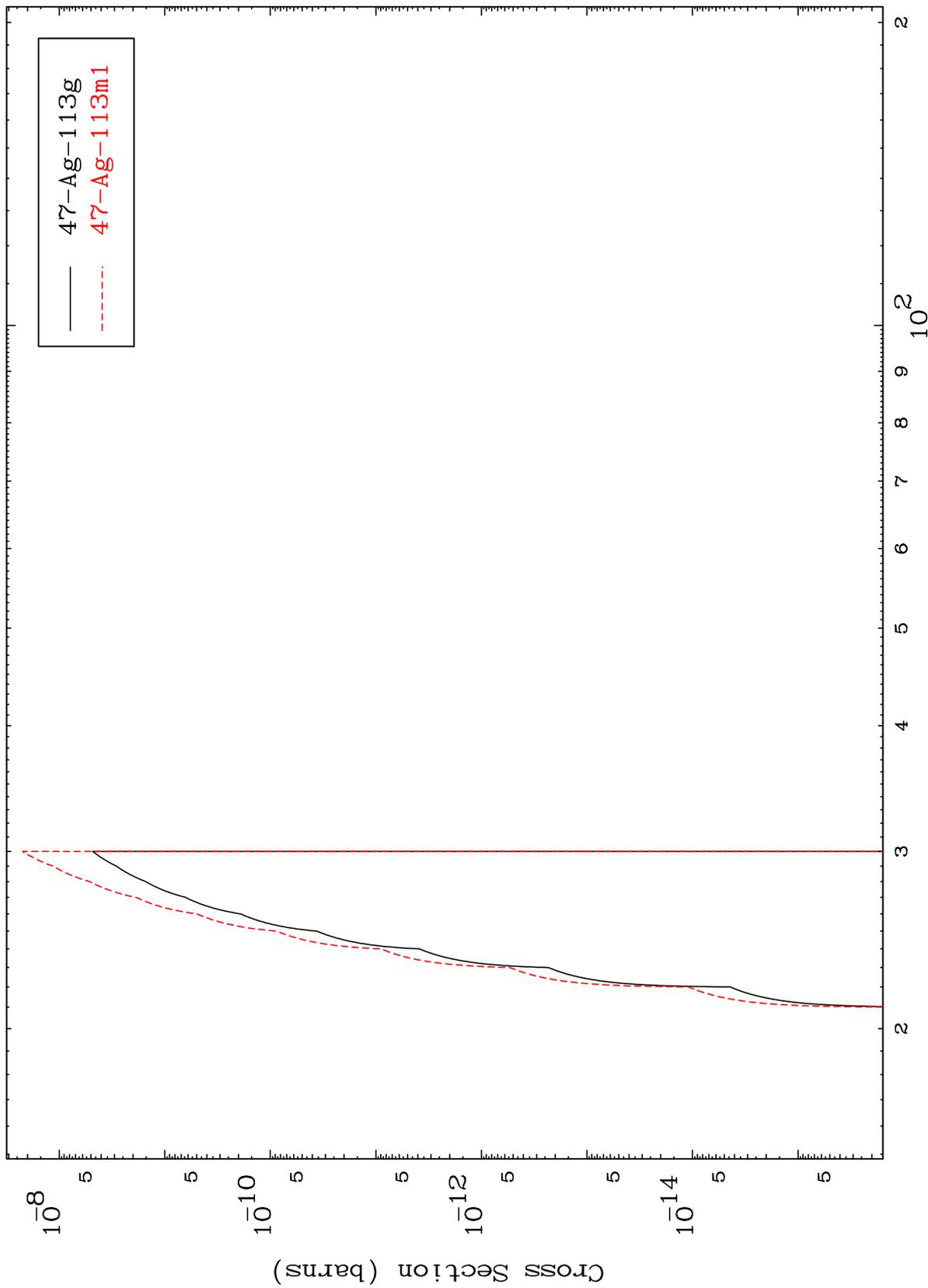


Incident Energy (MeV)

49-In-116

35

Radionuclide Production Cross Section

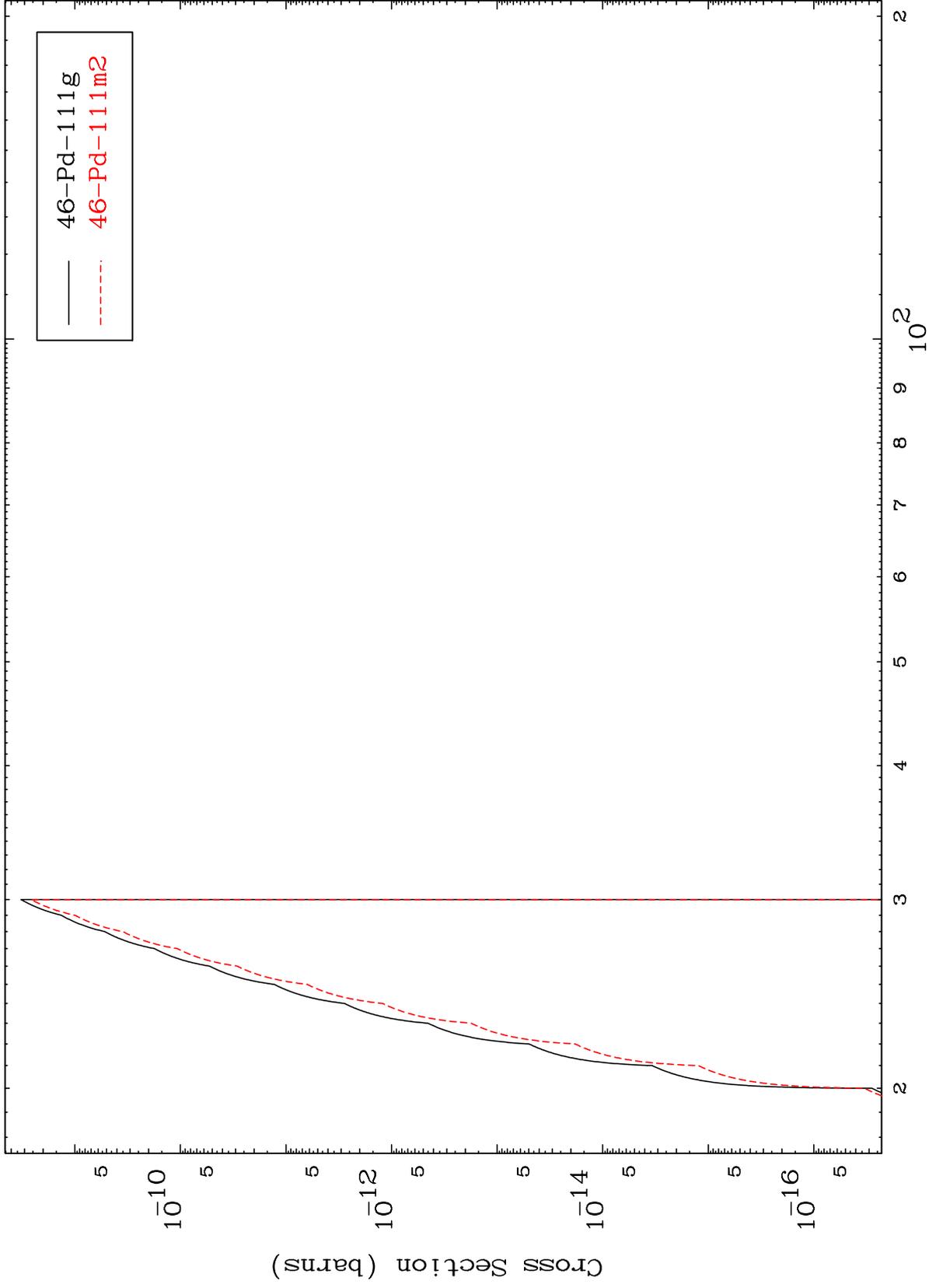


MAT 4935

(n,d)  $\alpha$

49-In-116

Radionuclide Production Cross Section



37

Incident Energy (MeV)

49-In-116