

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

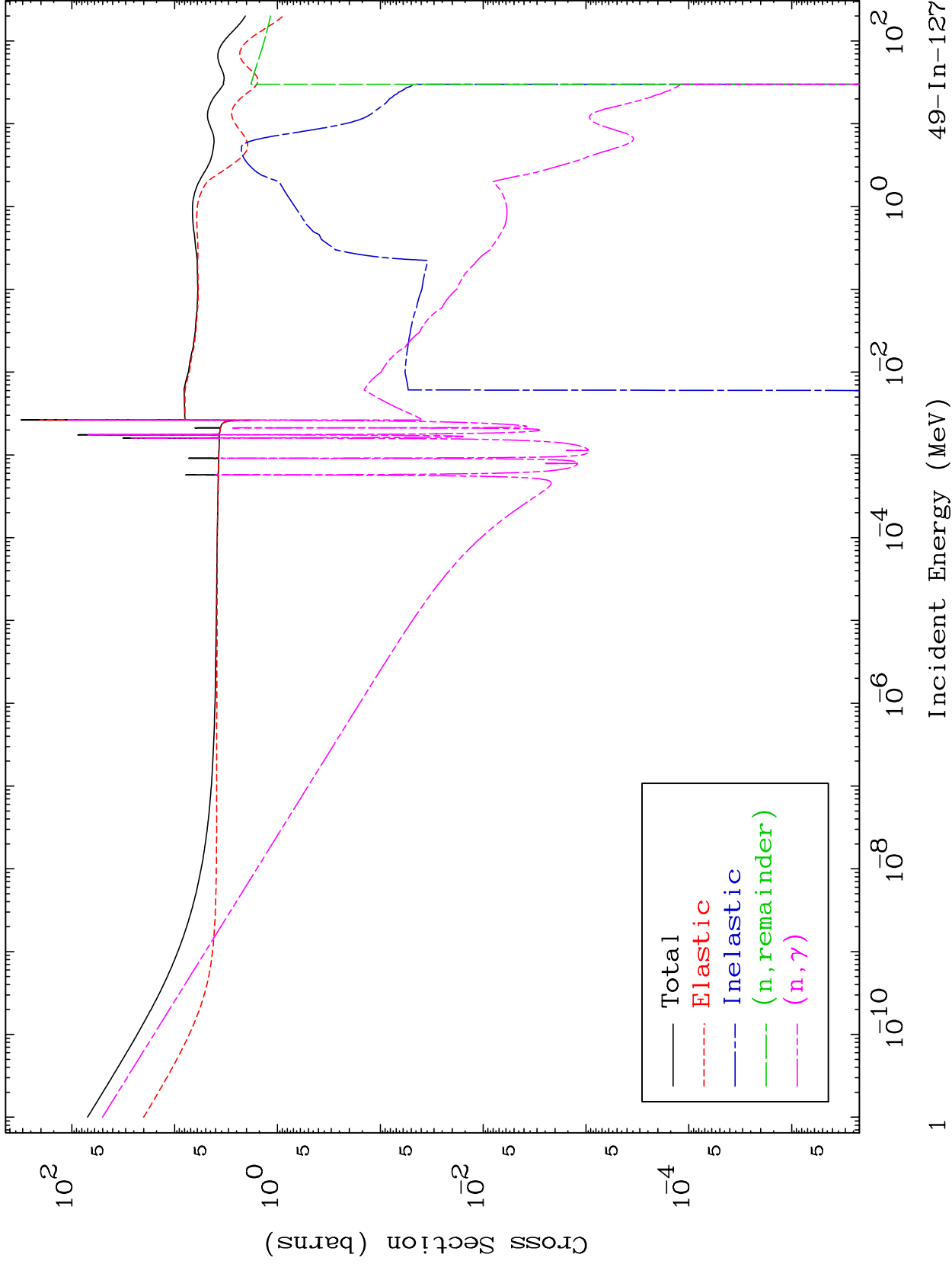
Press Mouse Button to Start

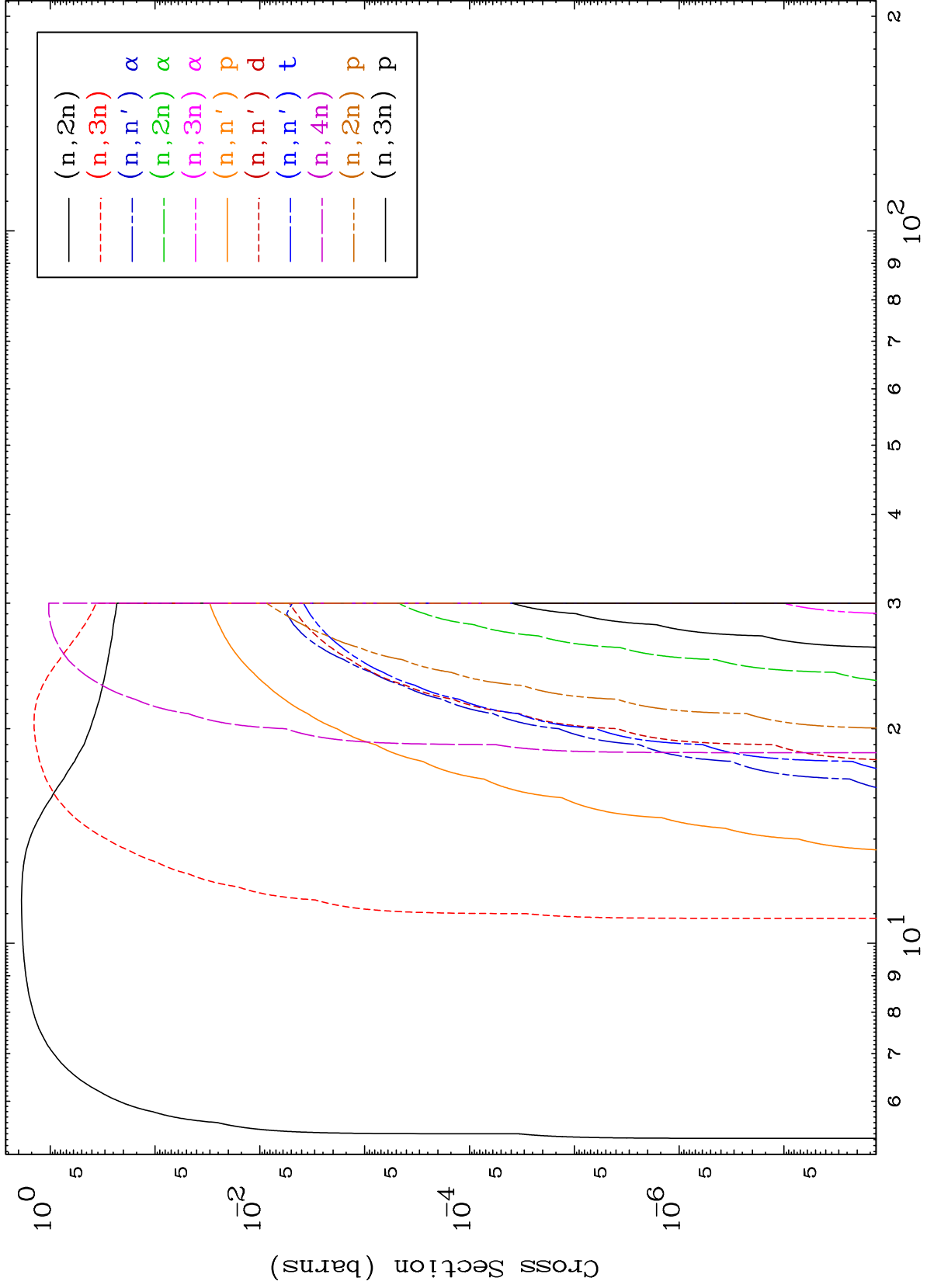
MAT 4969

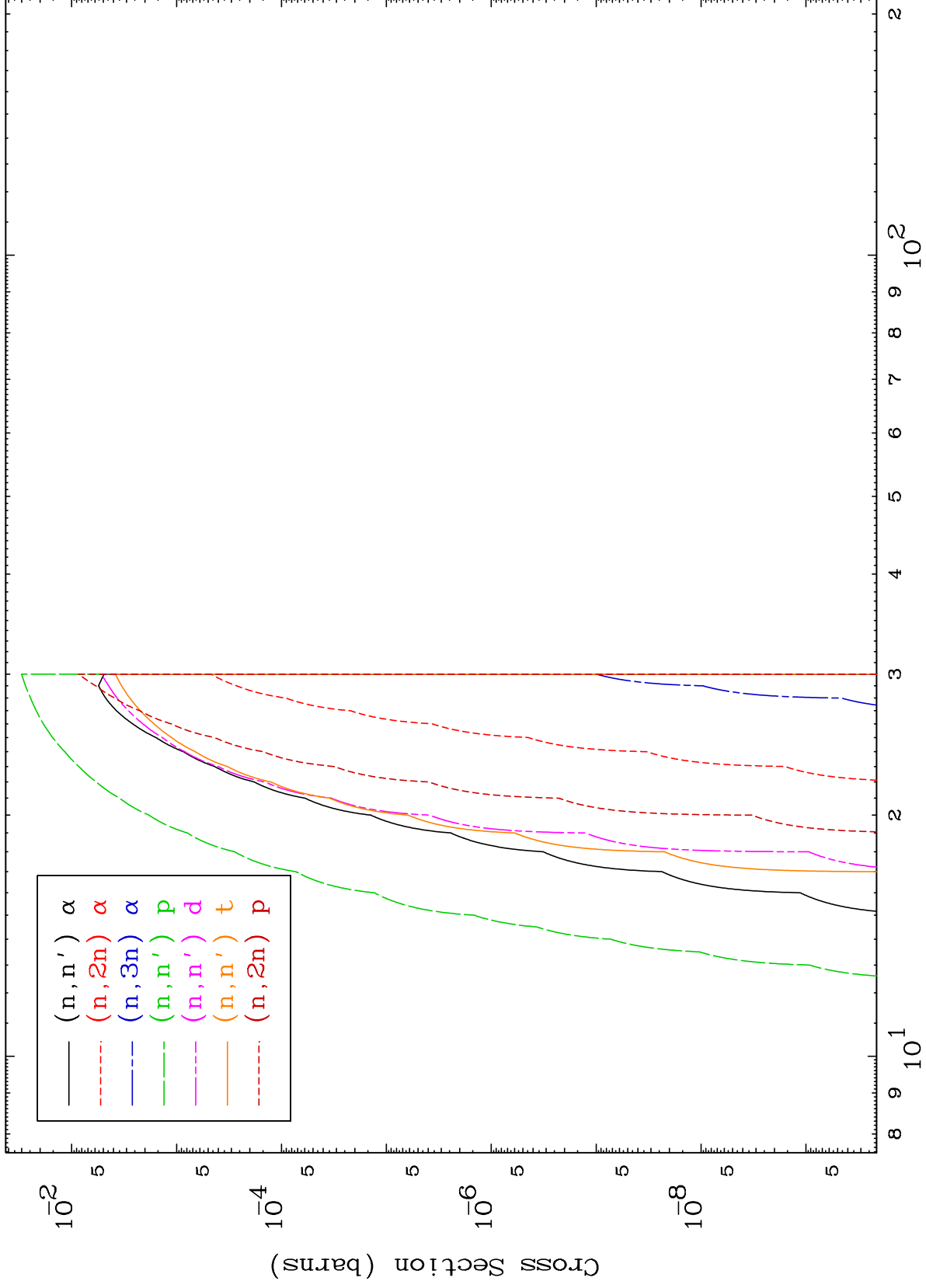
Major

293 Kelvin Cross Sections

49-In-127



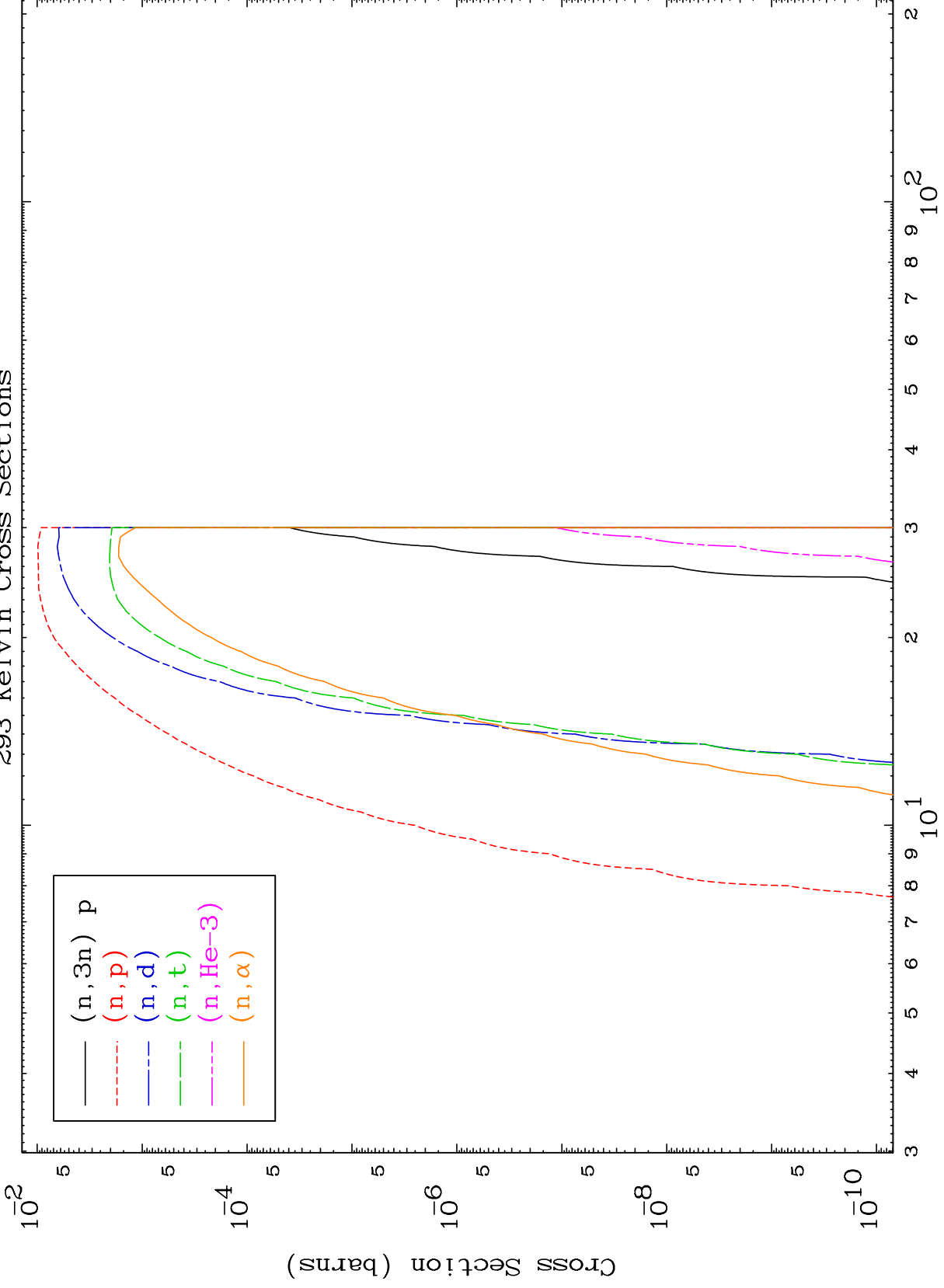


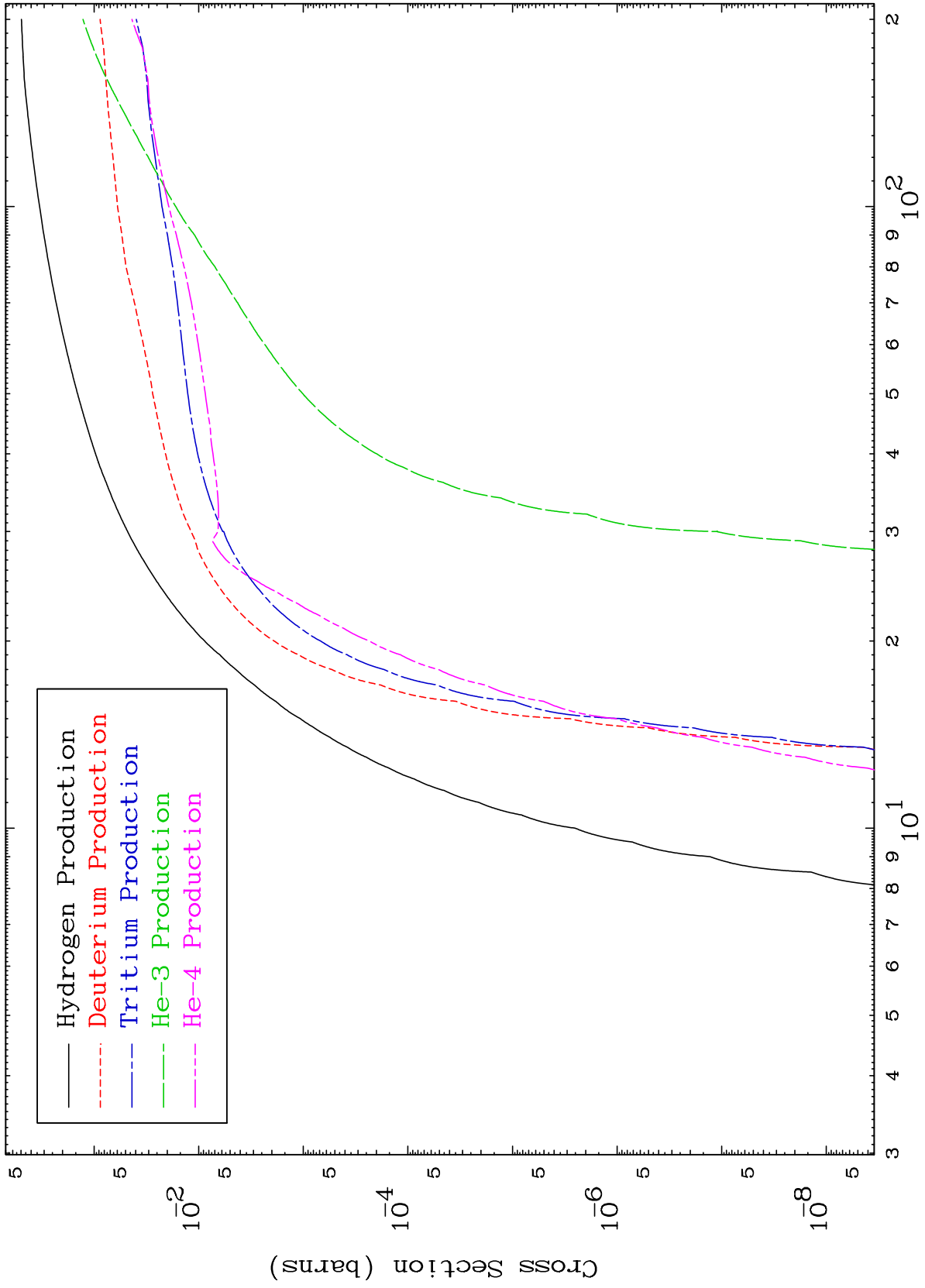


MAT 4969

Charged Particle
293 Kelvin Cross Sections

49-In-127

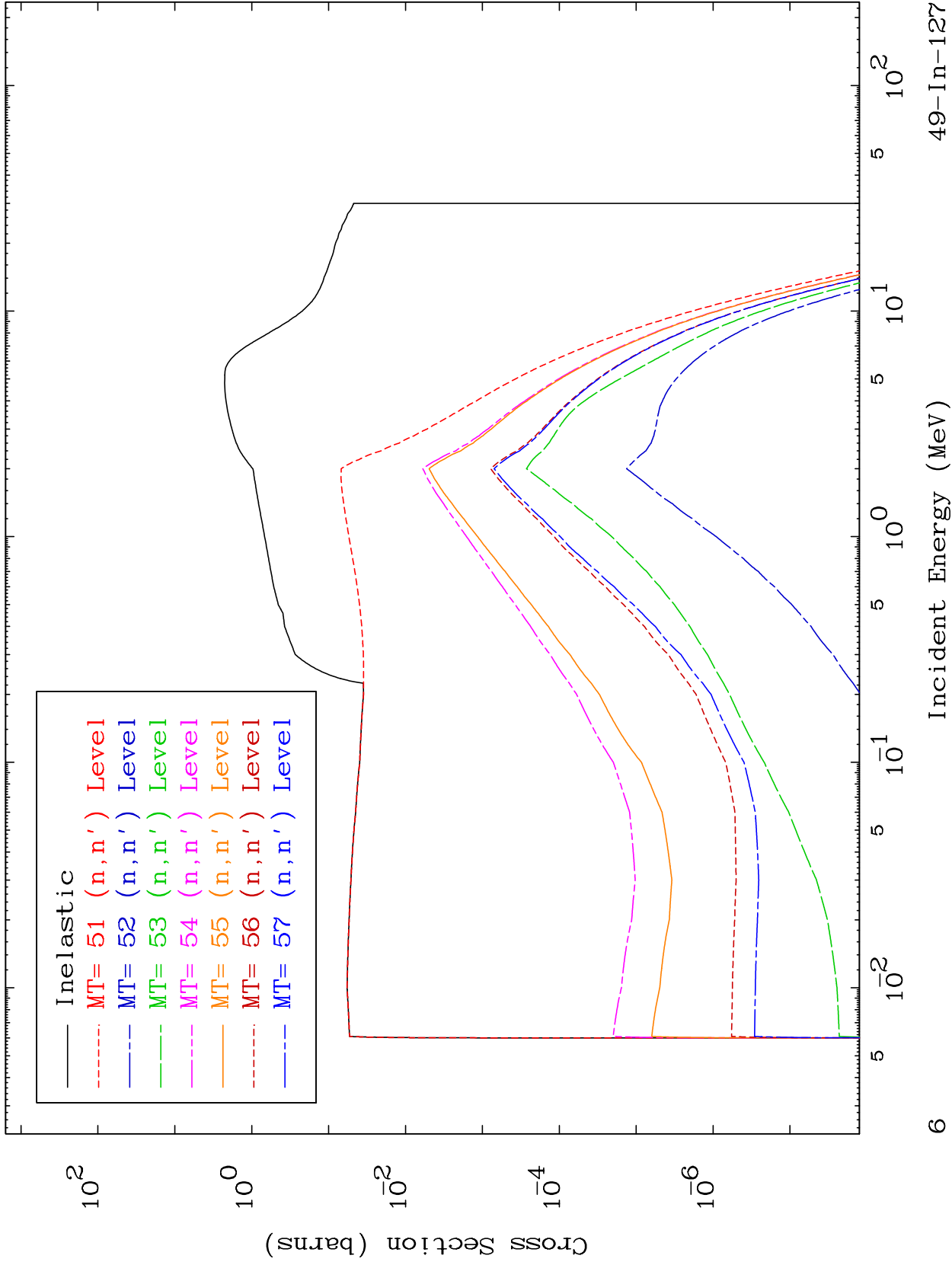




MAT 4969

293 Kelvin Cross Sections
(n,n') Level

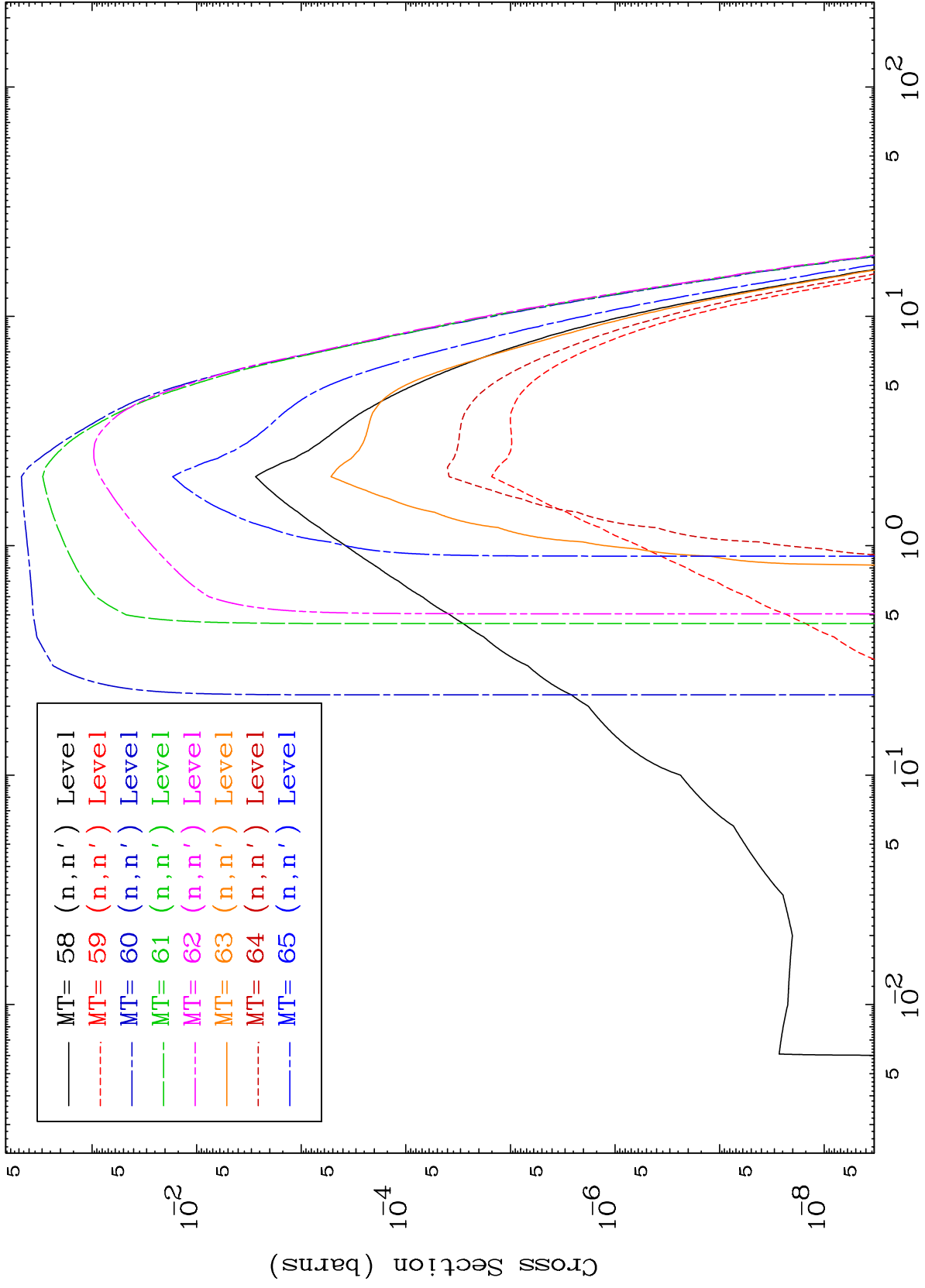
49-In-127



MAT 4969

49-In-127

293 Kelvin Cross Sections
(n,n') Level



49-In-127

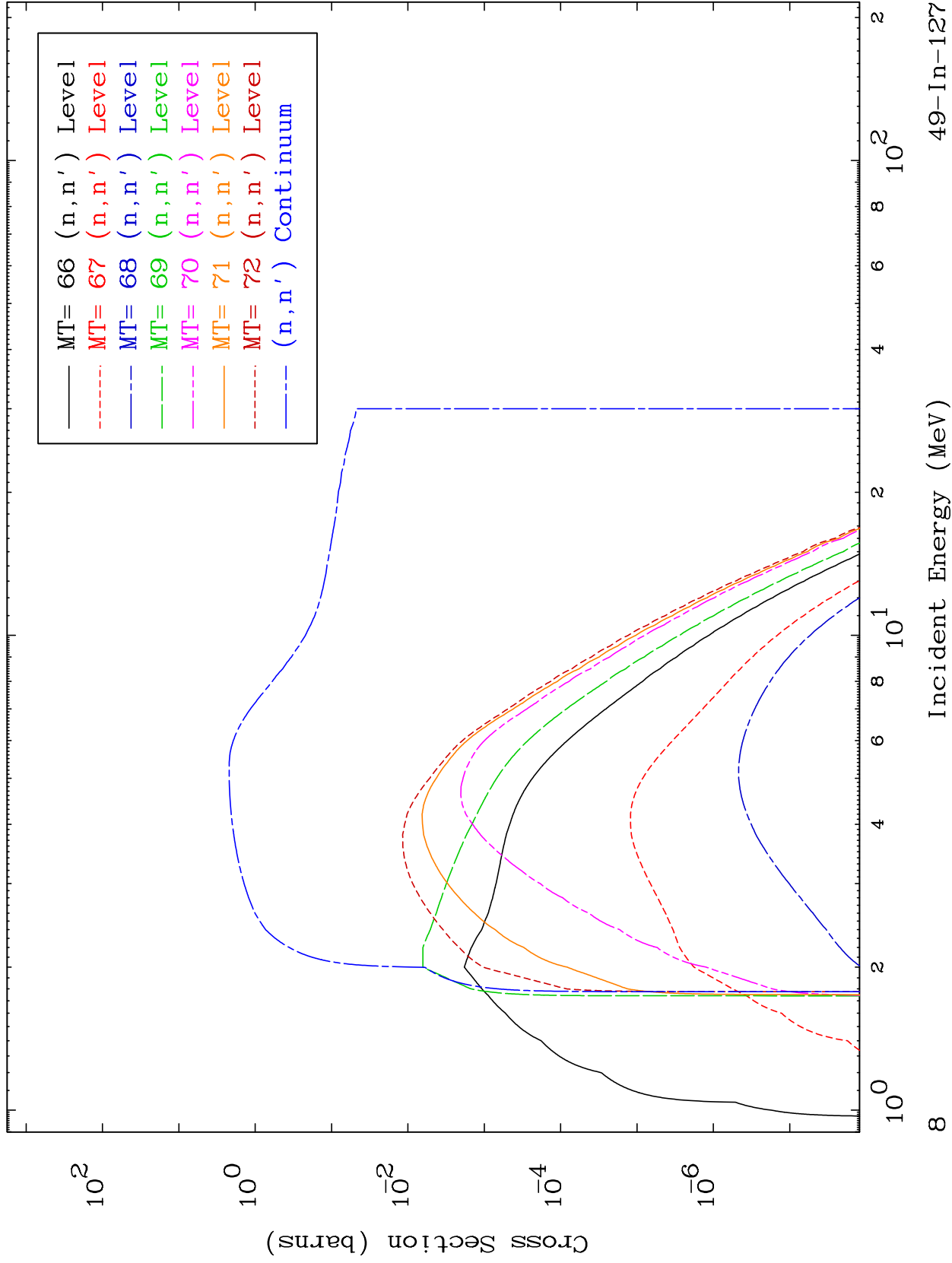
Incident Energy (MeV)

MAT 4969

(n,n') Level

293 Kelvin Cross Sections

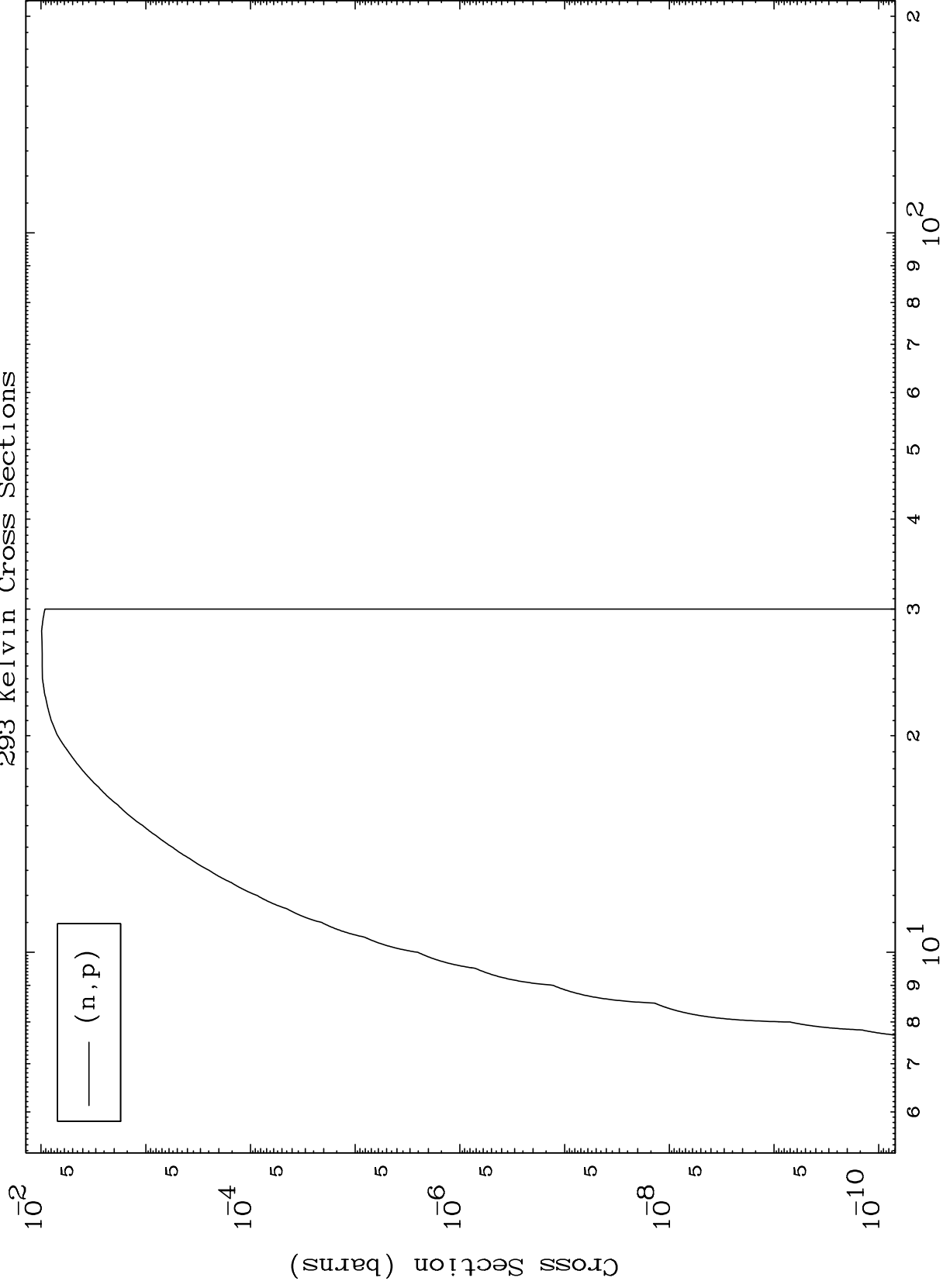
49-In-127



MAT 4969

(n,p) Levels
293 Kelvin Cross Sections

49-In-127



9

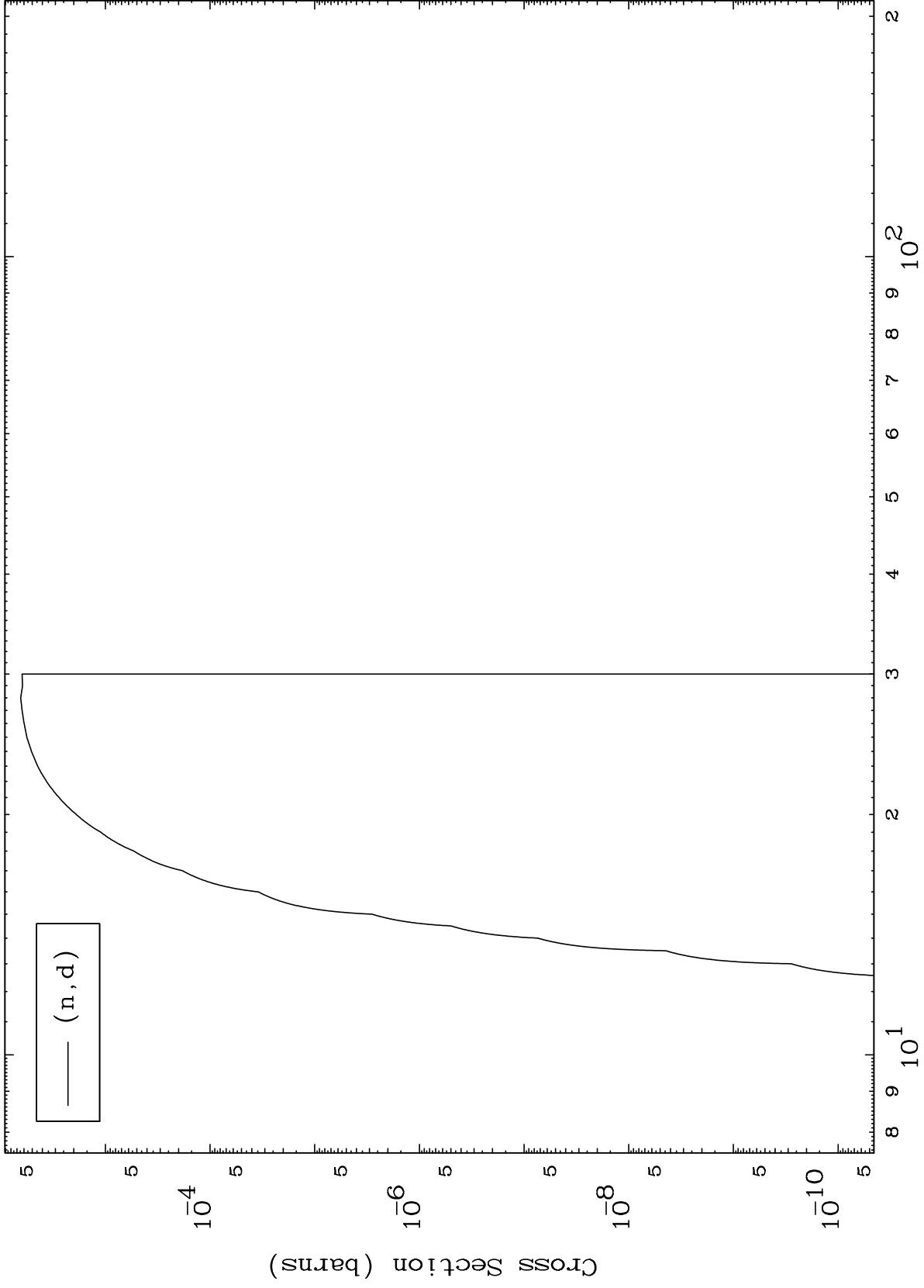
Incident Energy (MeV)

49-In-127

MAT 4969

(n,d) Levels
293 Kelvin Cross Sections

49-In-127



10

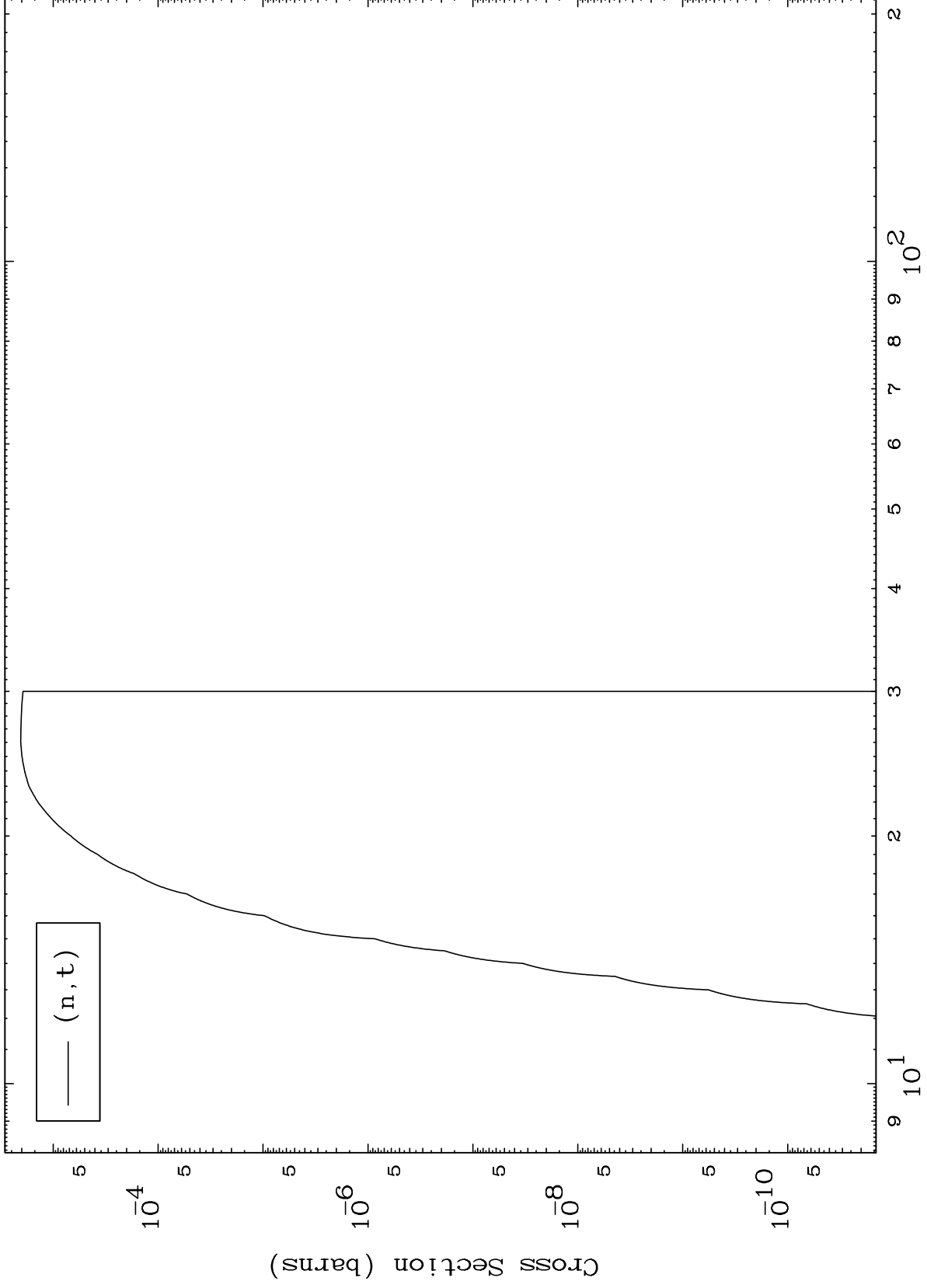
Incident Energy (MeV)

49-In-127

MAT 4969

(n,t) Levels
293 Kelvin Cross Sections

49-In-127



11

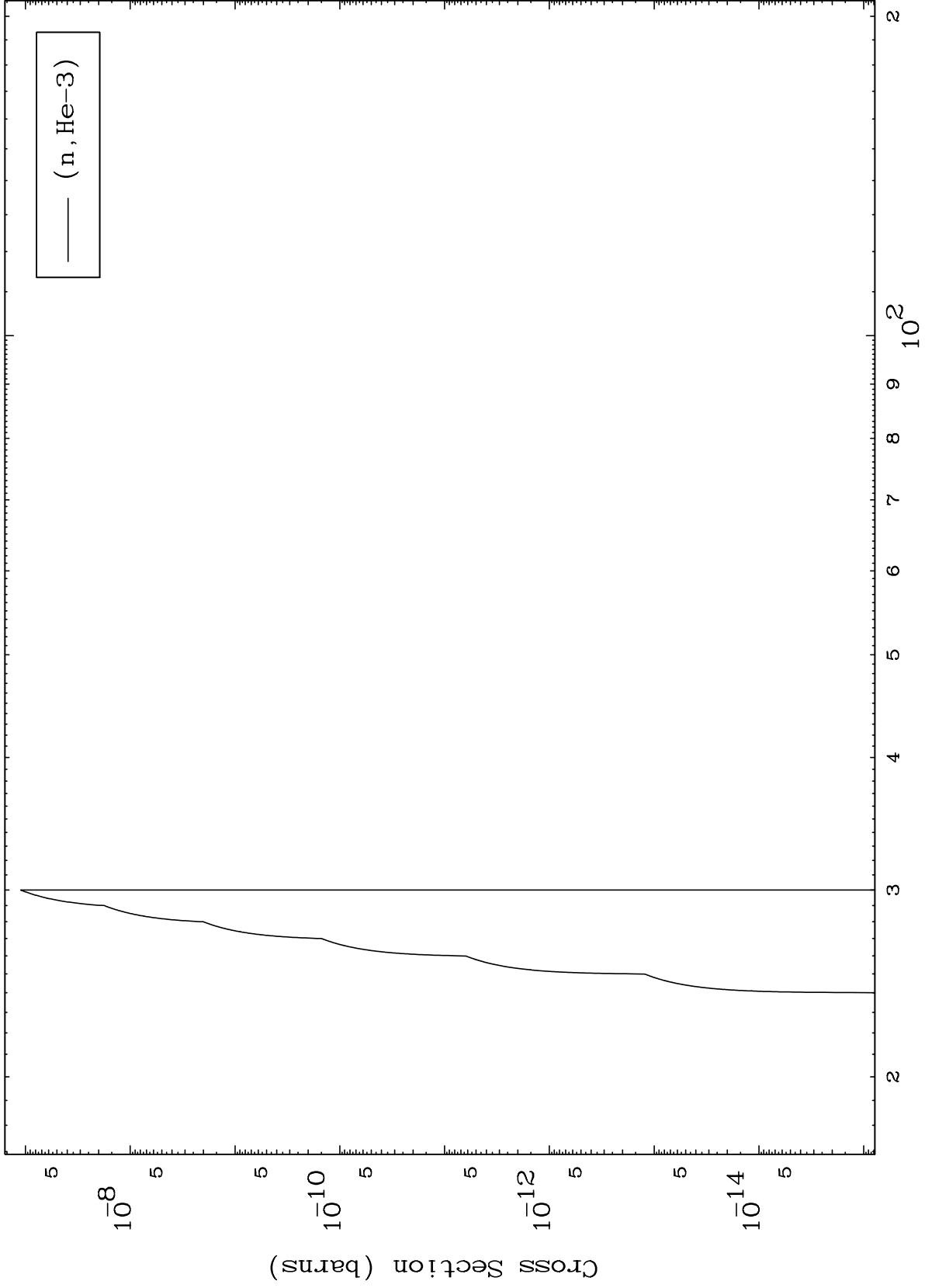
Incident Energy (MeV)

49-In-127

MAT 4969

(n,He3) Levels
293 Kelvin Cross Sections

49-In-127



12

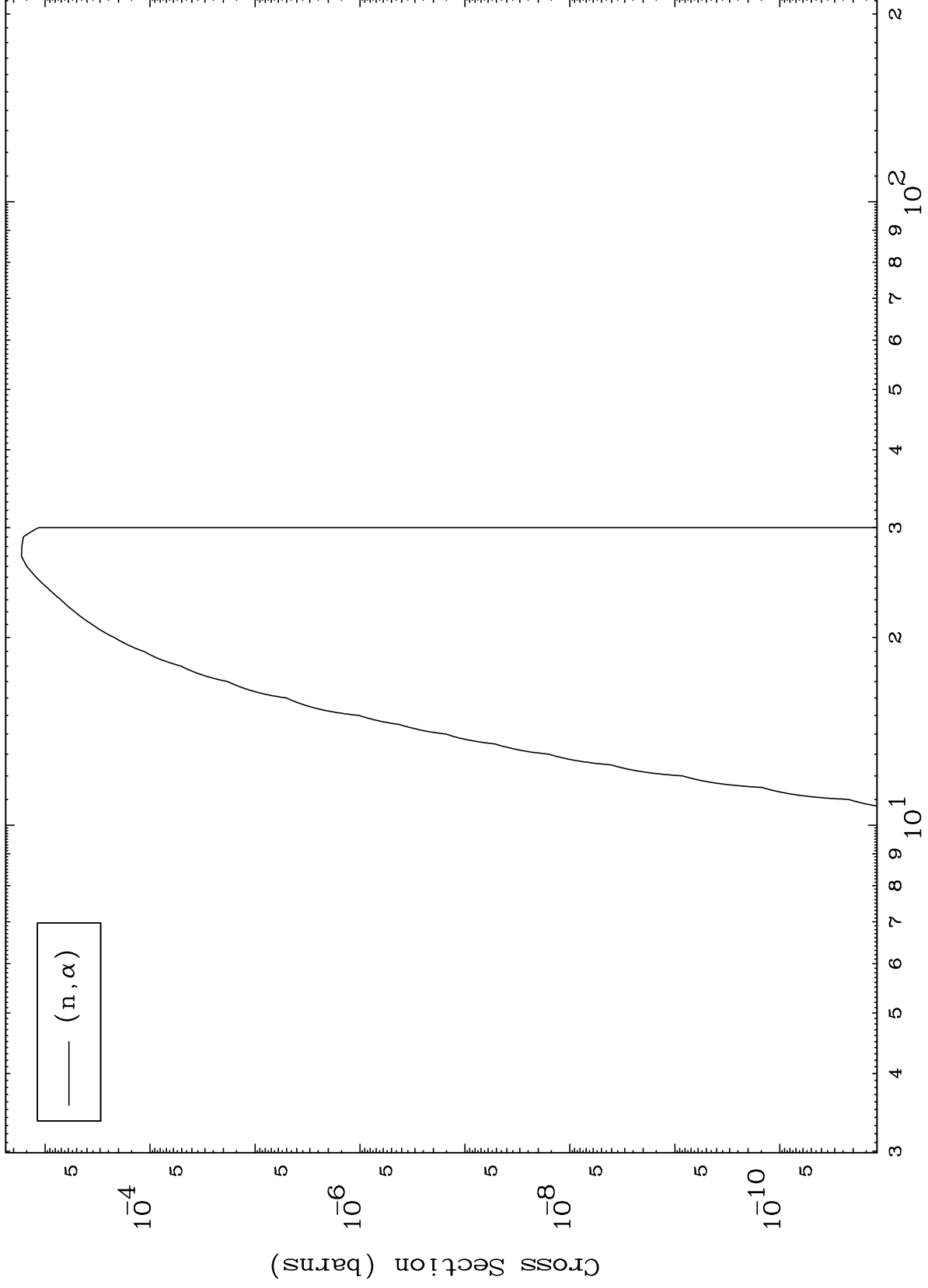
Incident Energy (MeV)

49-In-127

MAT 4969

(n, α) Levels
293 Kelvin Cross Sections

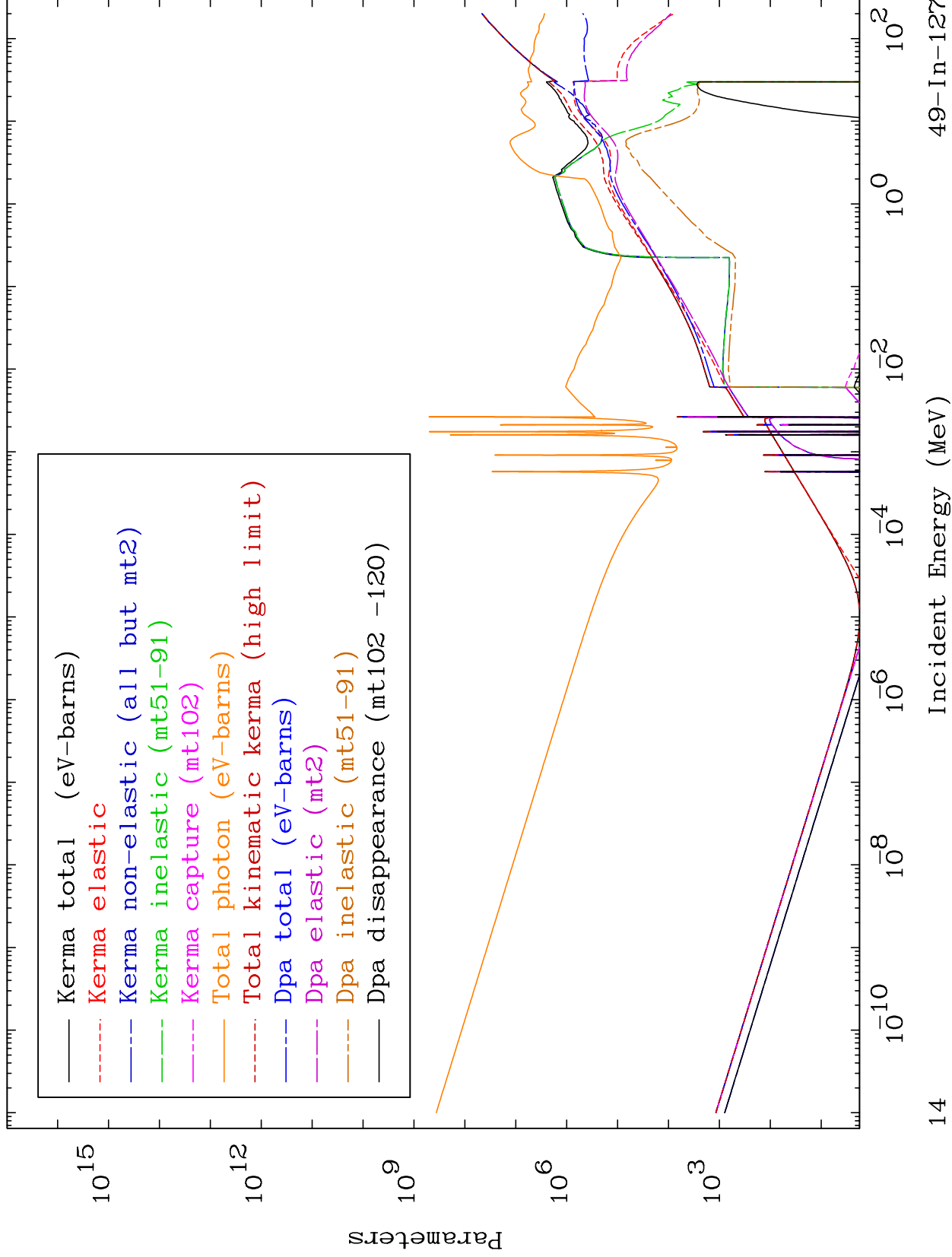
49-In-127



13

Incident Energy (MeV)

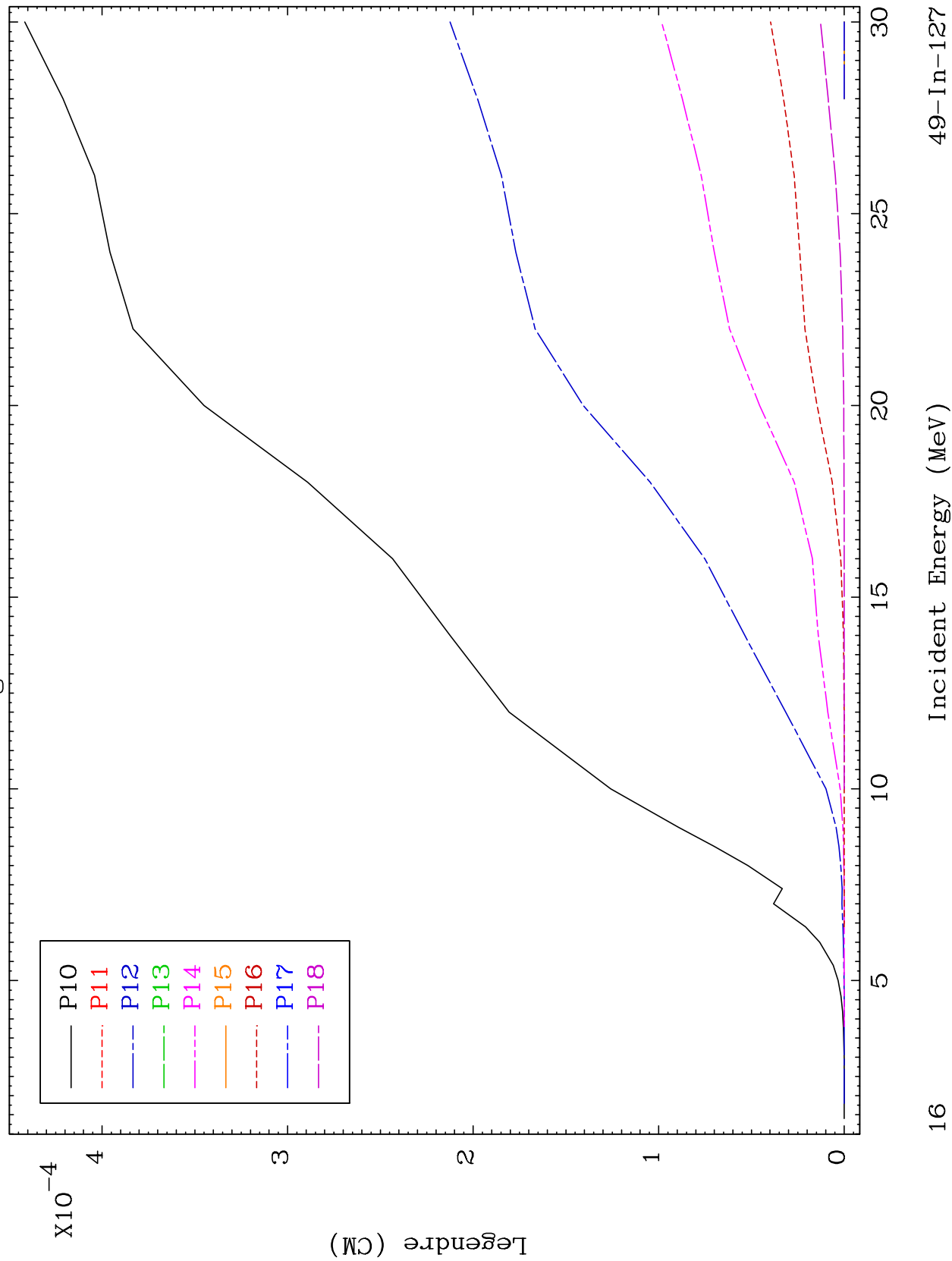
49-In-127



MAT 4969

Elastic Legendre Coefficients

49-In-127



16

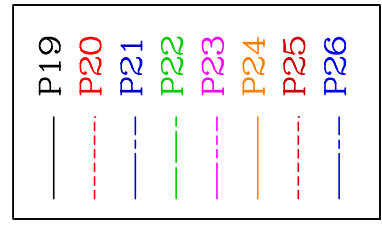
Incident Energy (MeV)

49-In-127

MAT 4969

Elastic Legendre Coefficients

49-In-127



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

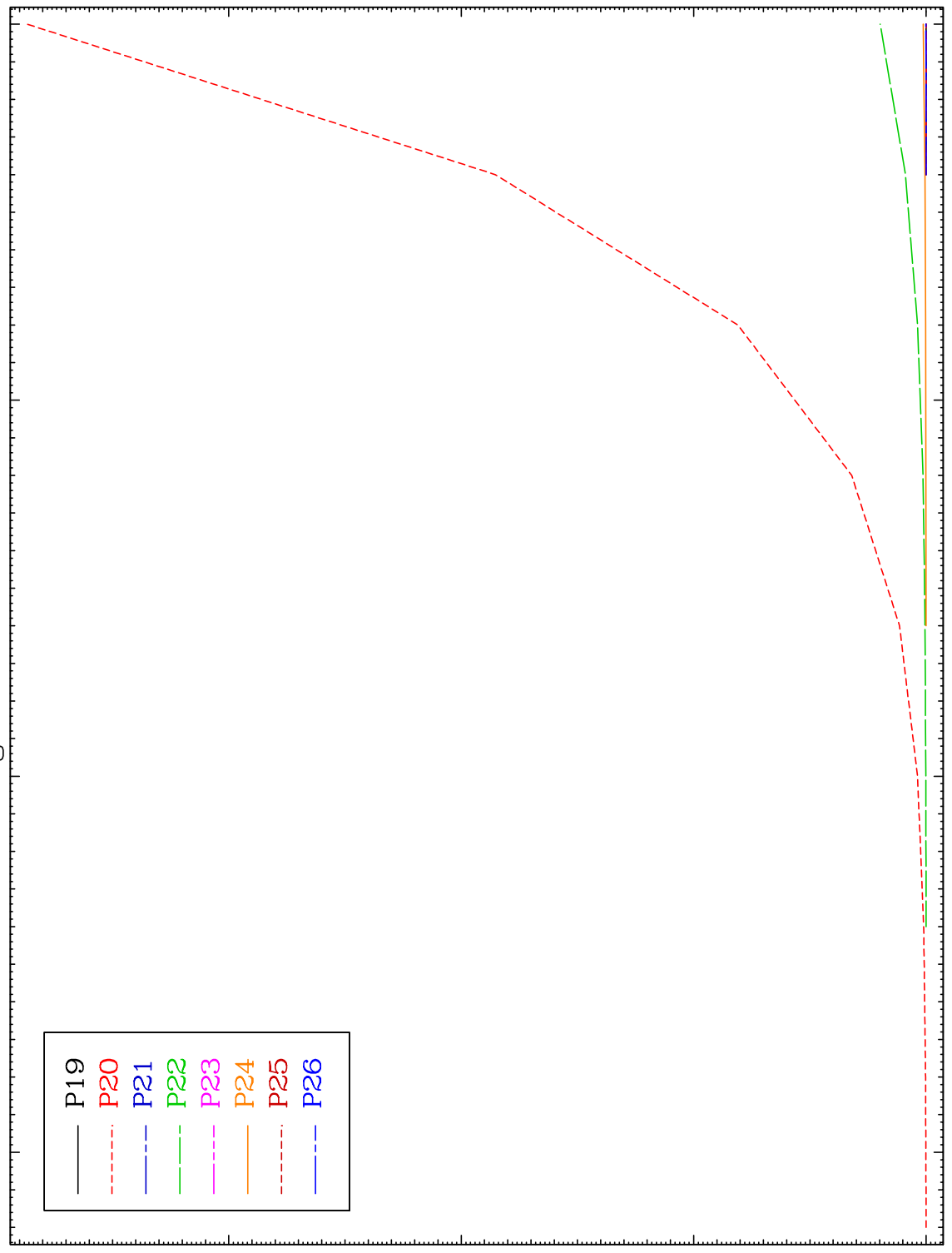
25

30

17

Incident Energy (MeV)

49-In-127

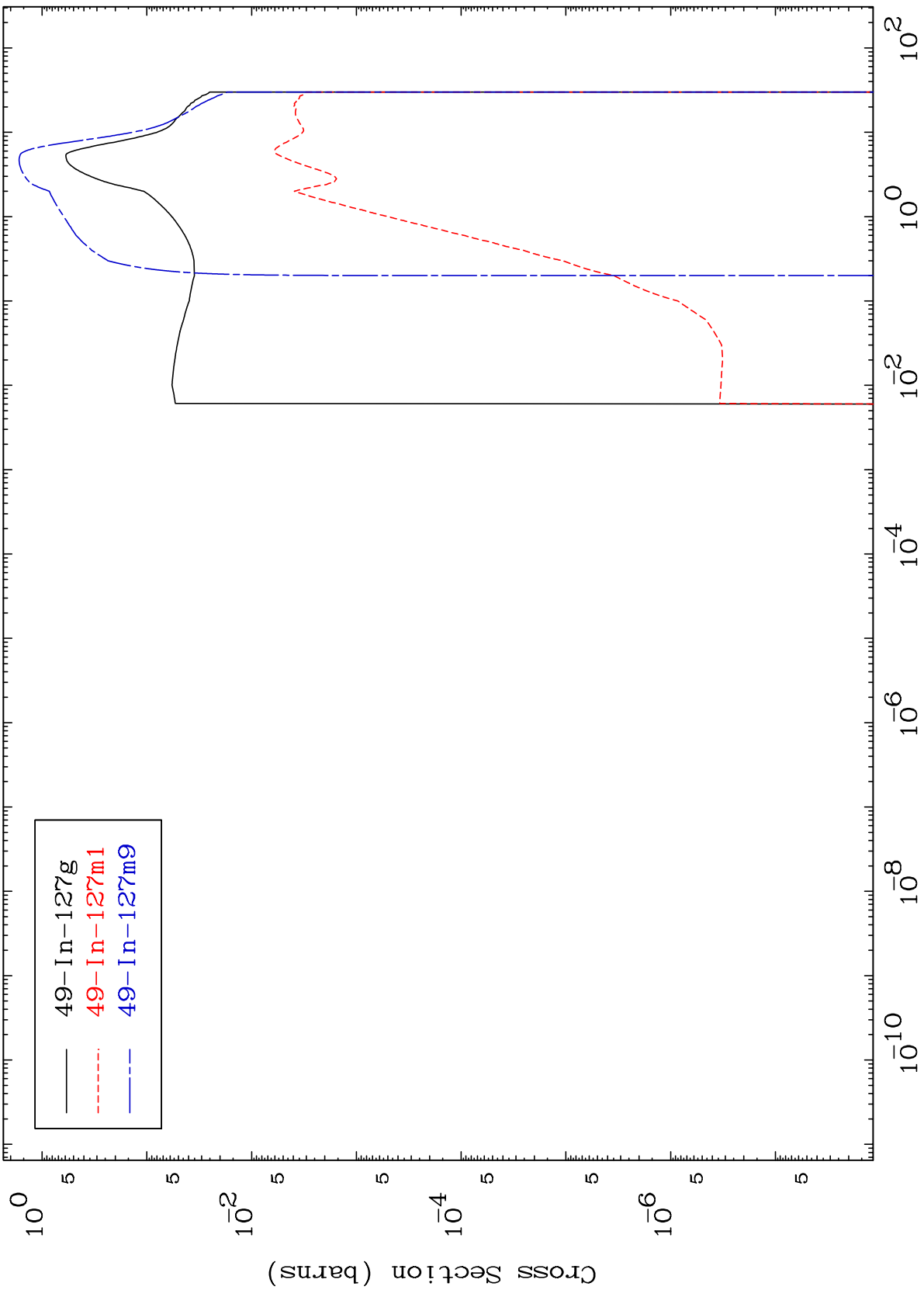


MAT 4969

49-In-127

Inelastic

Radionuclide Production Cross Section

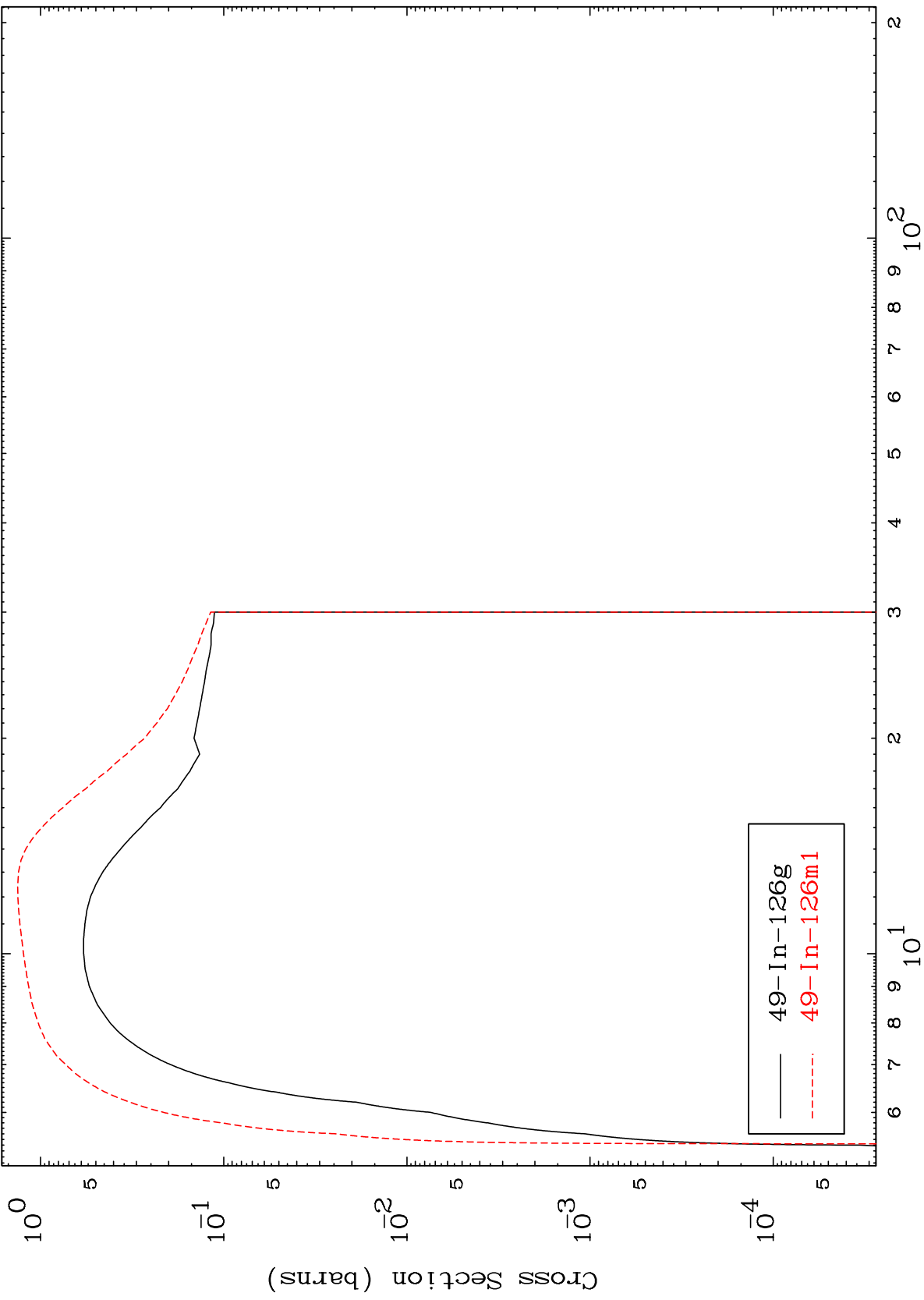


49-In-127g
49-In-127m1
49-In-127m9

MAT 4969

49-In-127

Radionuclide Production Cross Section



19

Incident Energy (MeV)

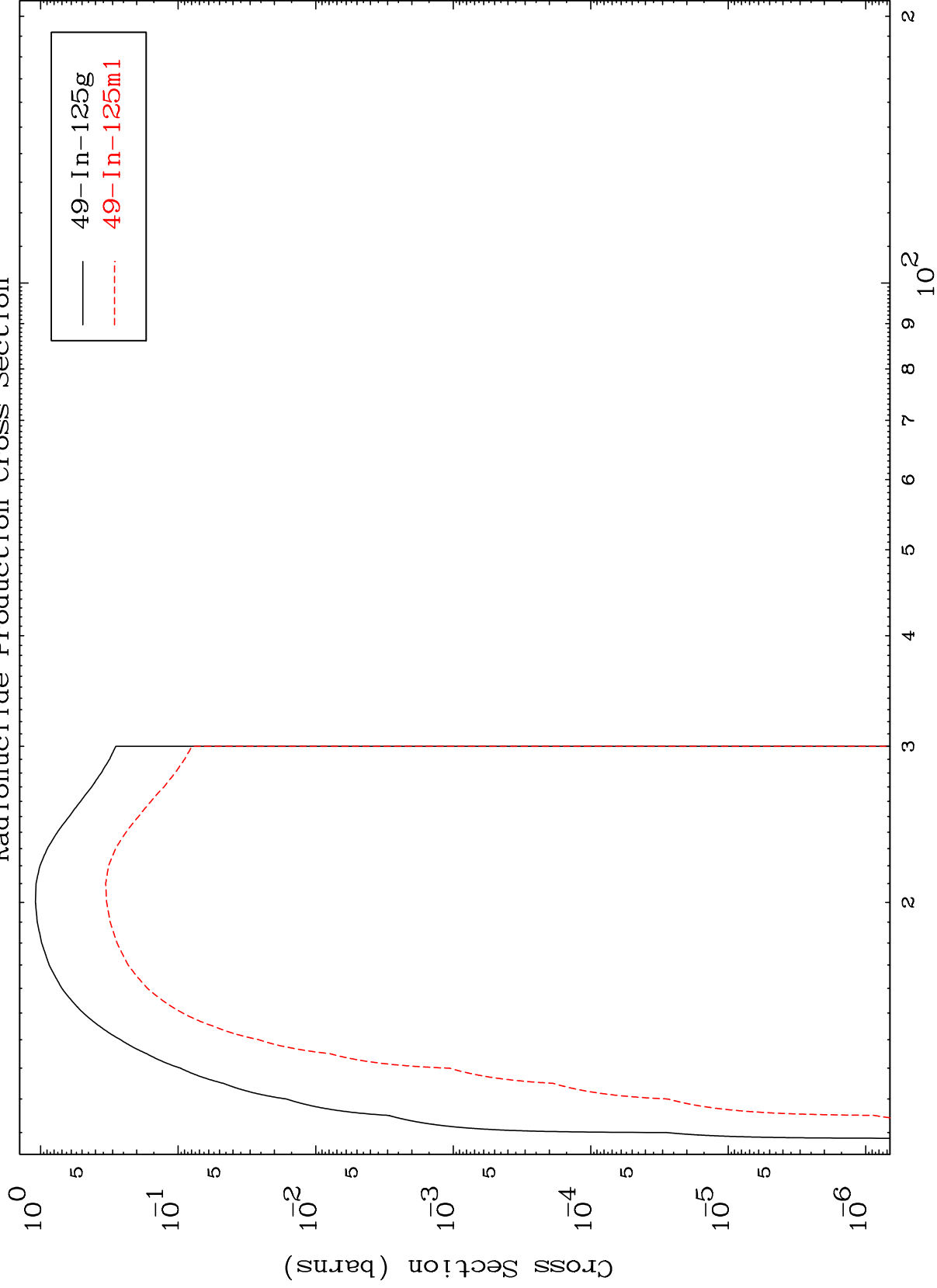
49-In-127

MAT 4969

(n,3n)

49-In-127

Radionuclide Production Cross Section

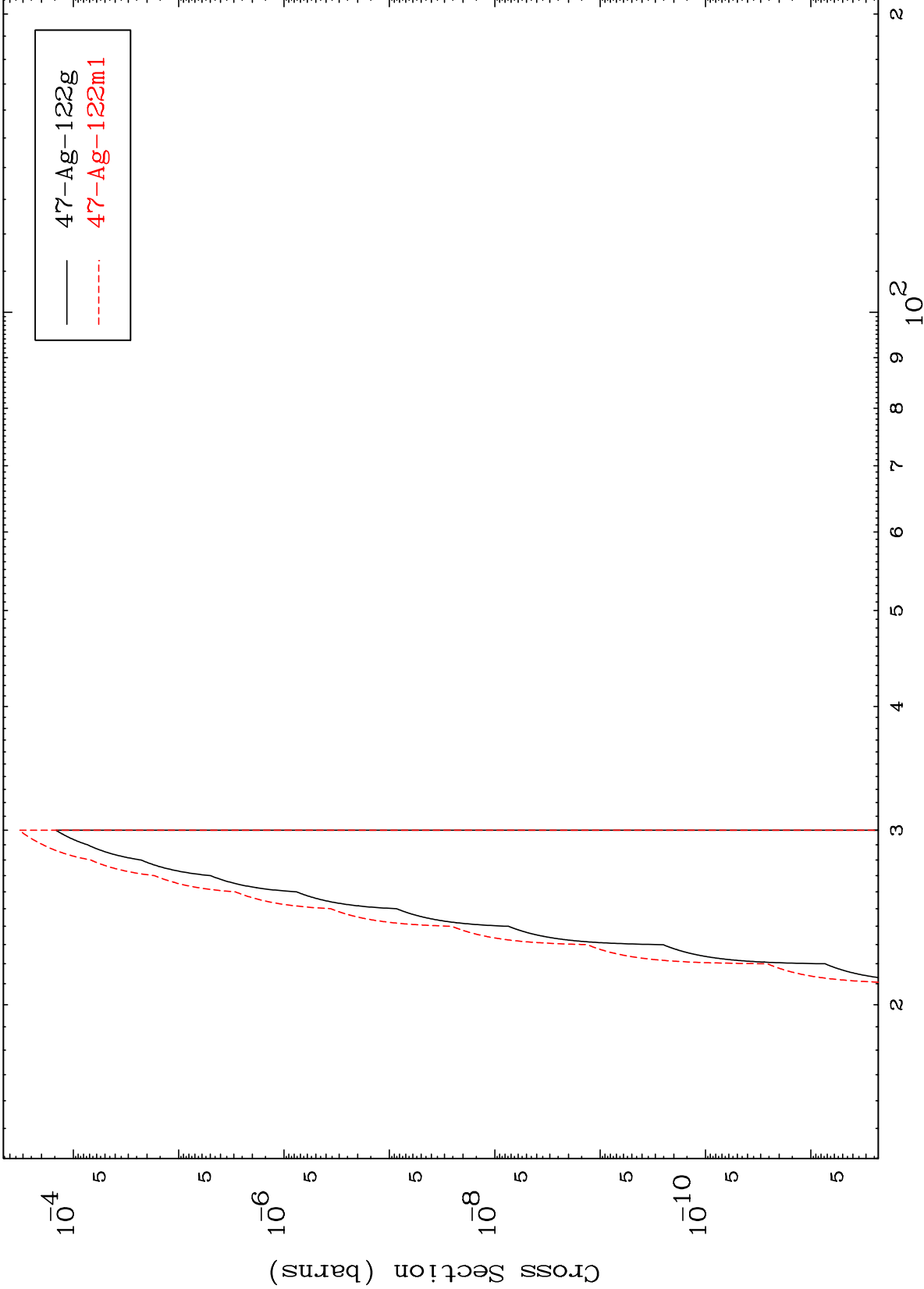


20

Incident Energy (MeV)

49-In-127

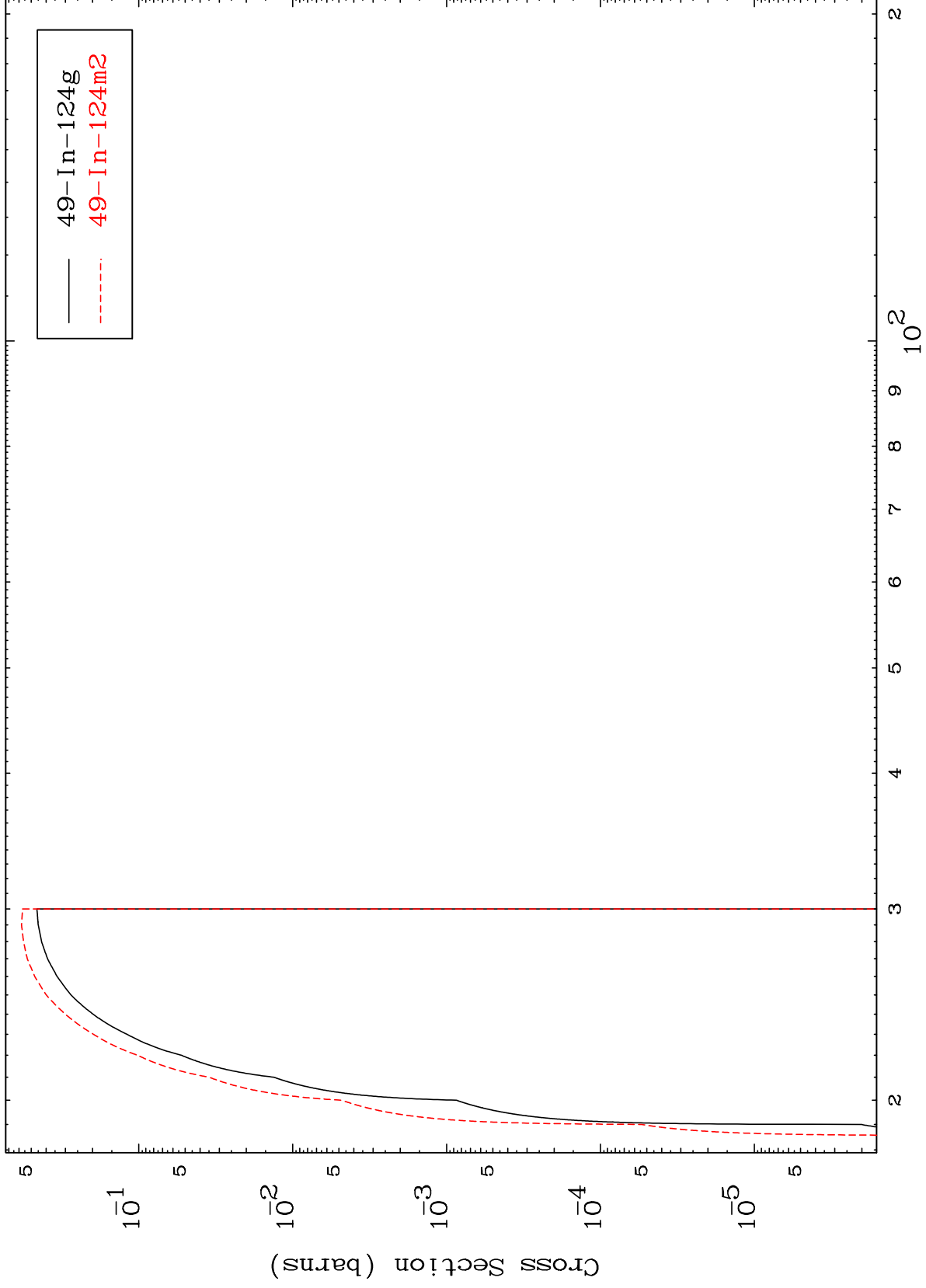
Radionuclide Production Cross Section



MAT 4969

49-In-127

(n,4n)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

49-In-127

MAT 4969

49-In-127

