

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

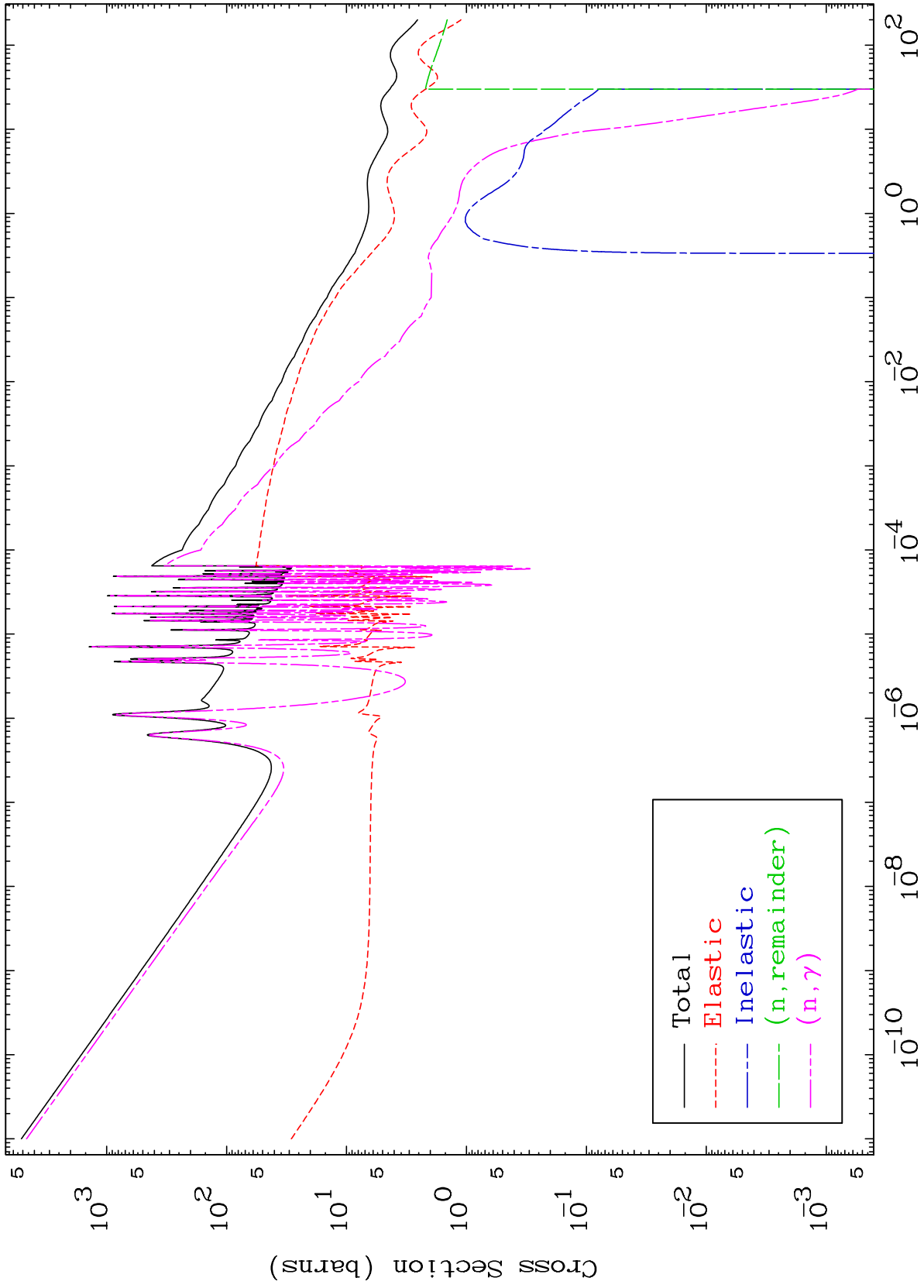
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7377

Major
293 Kelvin Cross Sections

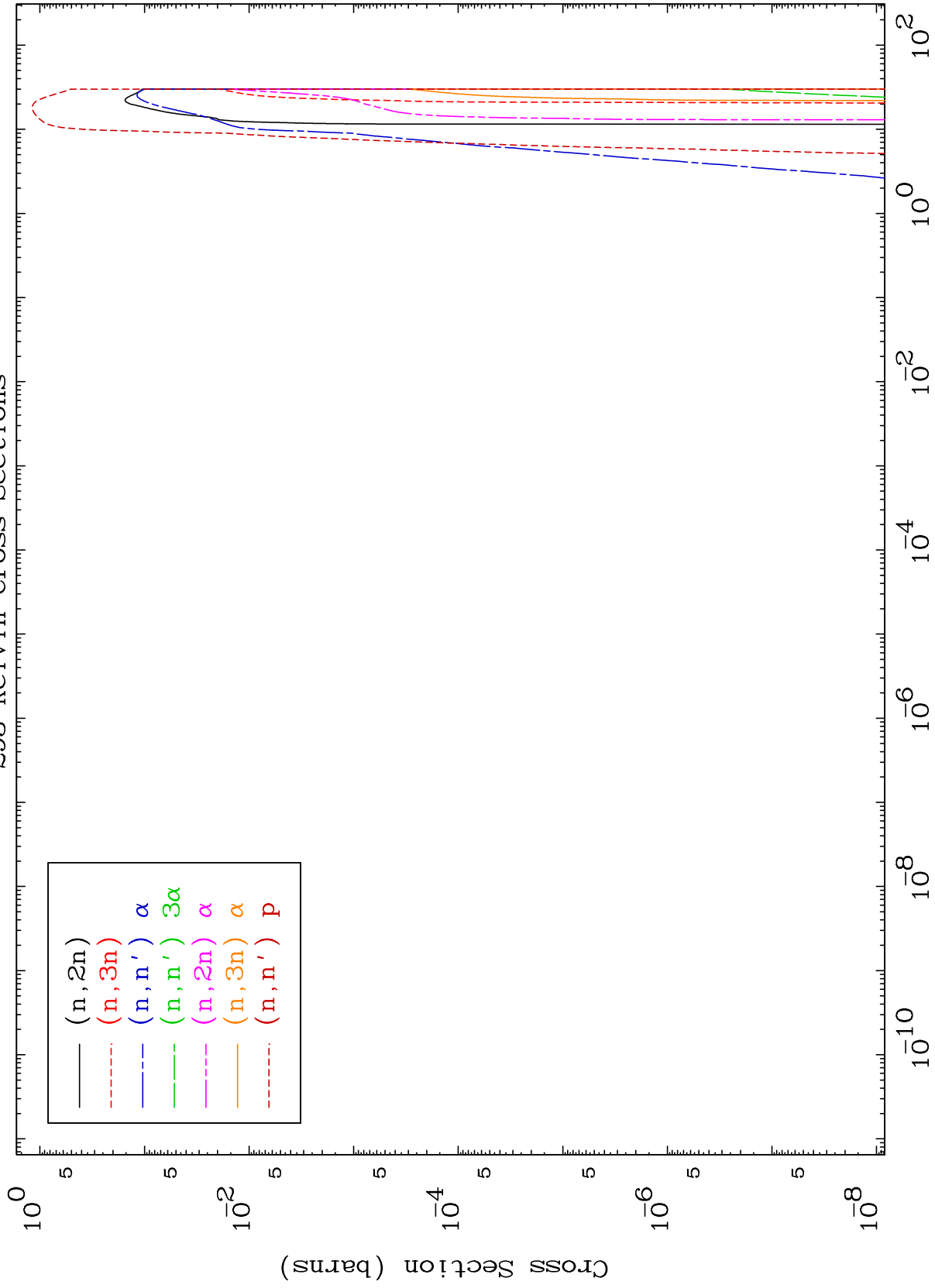
74-W -164



MAT 7377

Neutron Production
293 Kelvin Cross Sections

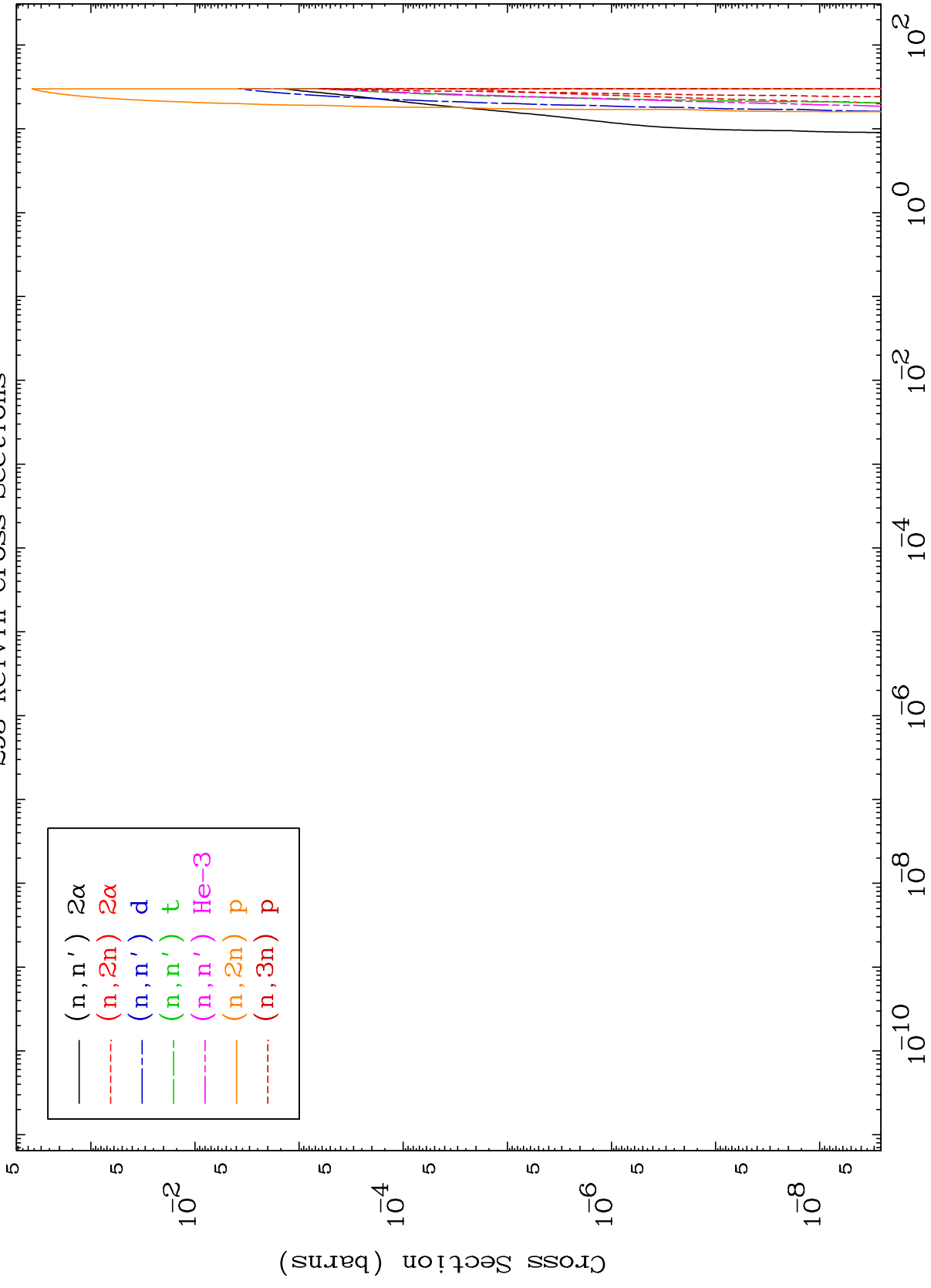
74-W -164



MAT 7377

Neutron Production
293 Kelvin Cross Sections

74-W -164

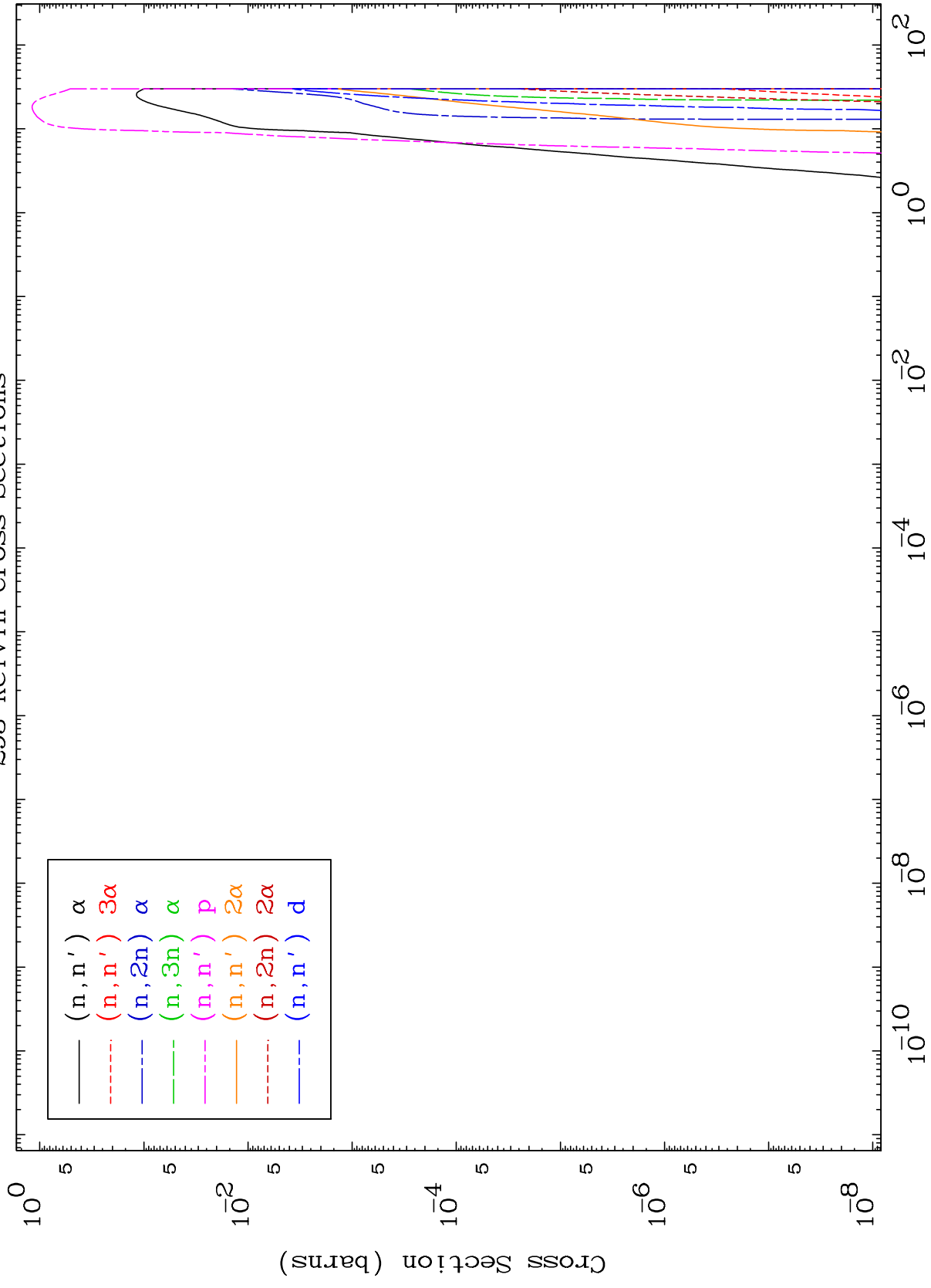


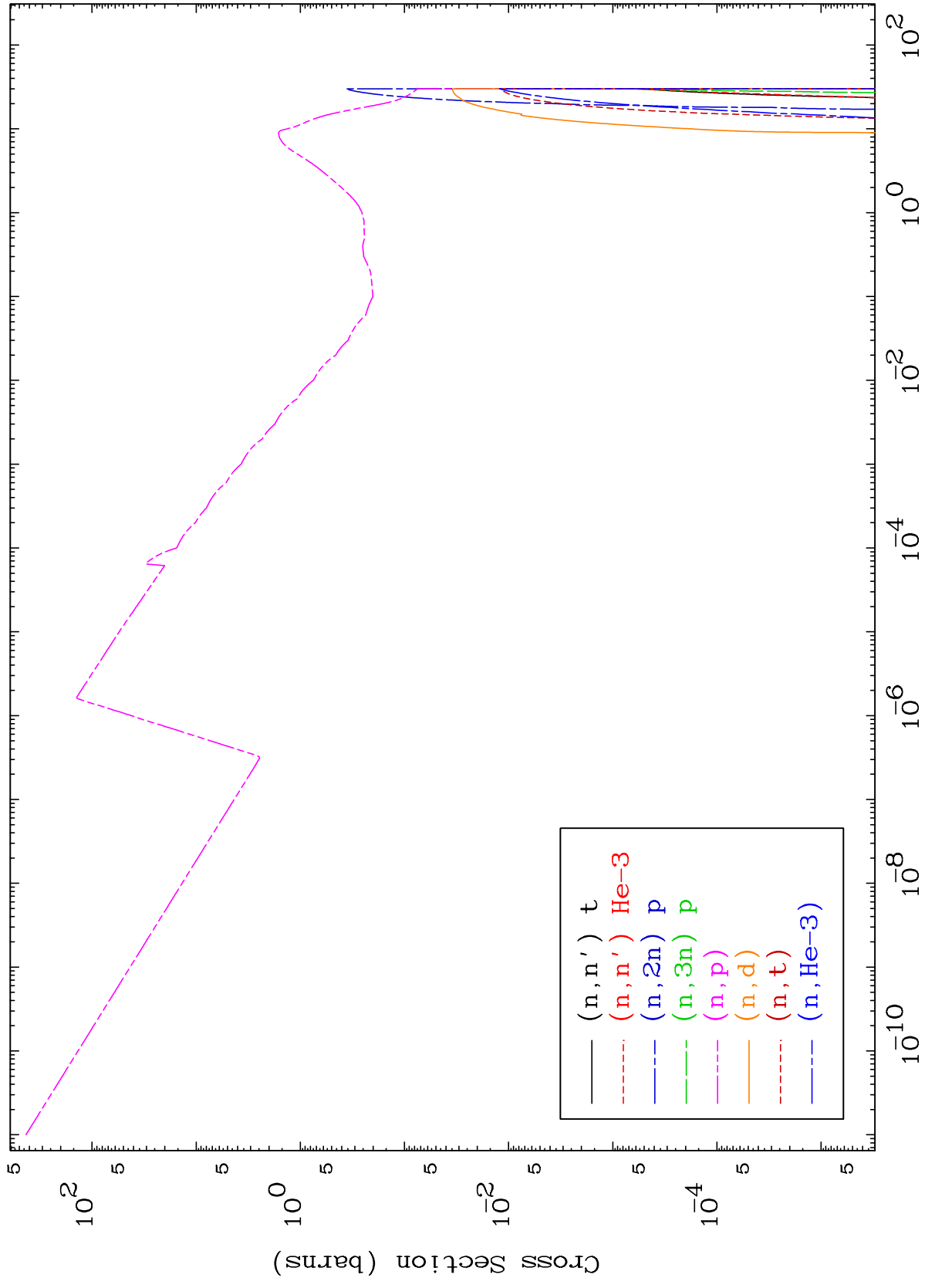
74-W -164

MAT 7377

293 Kelvin Cross Sections

74-W -164

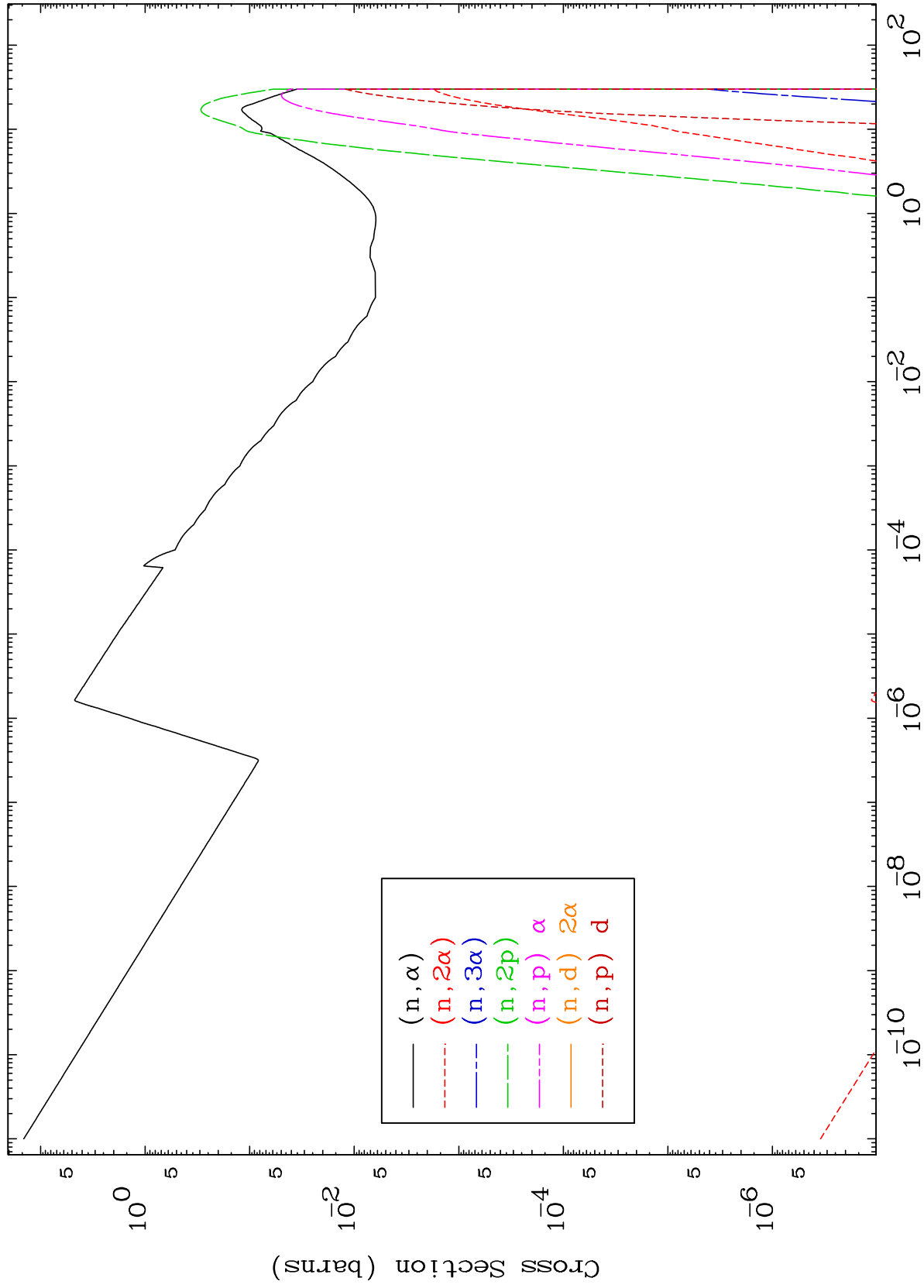




MAT 7377

Charged Particle
293 Kelvin Cross Sections

74-W -164



6

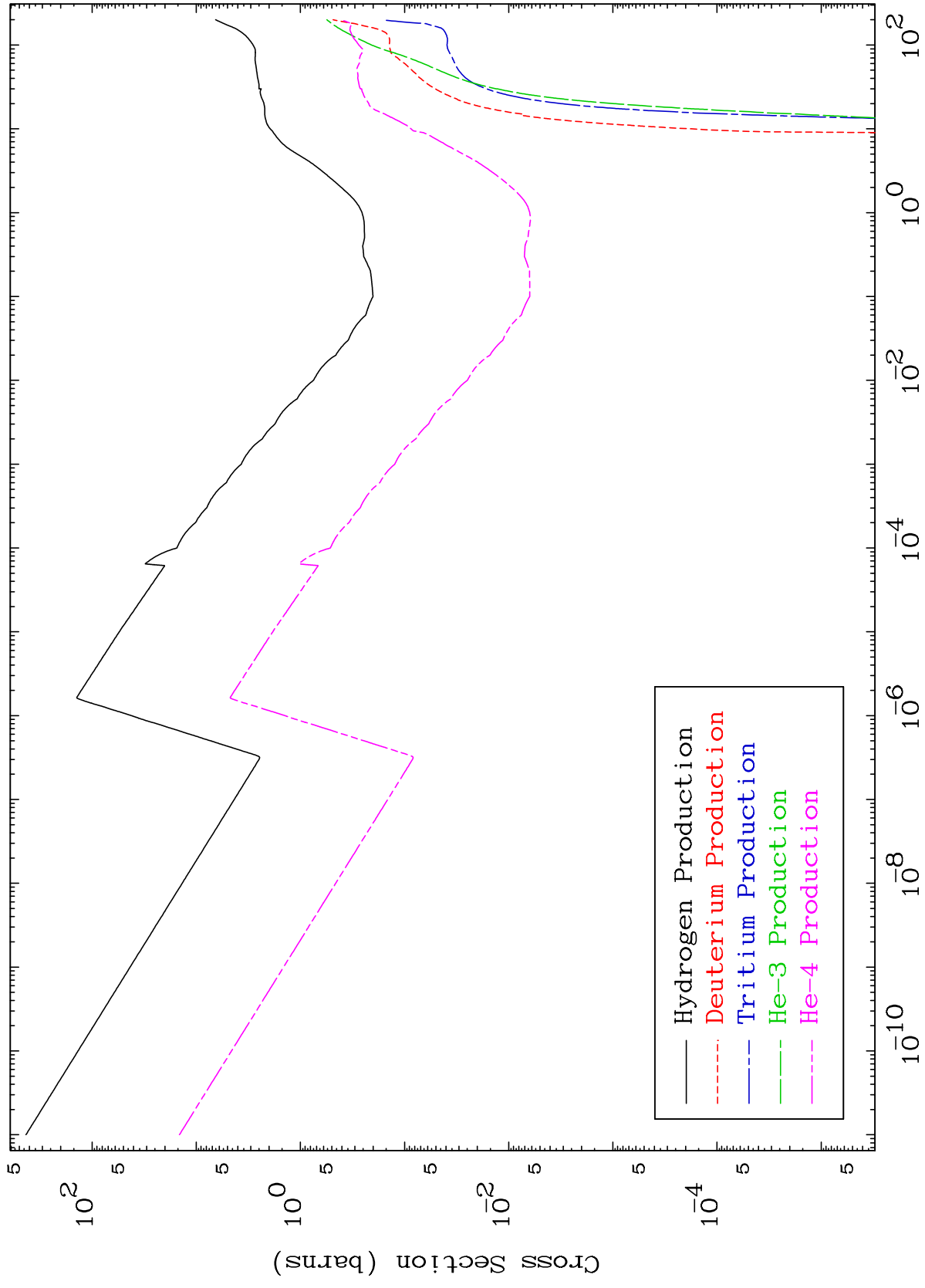
Incident Energy (MeV)

74-W -164

MAT 7377

Particle Production
293 Kelvin Cross Sections

74-W -164



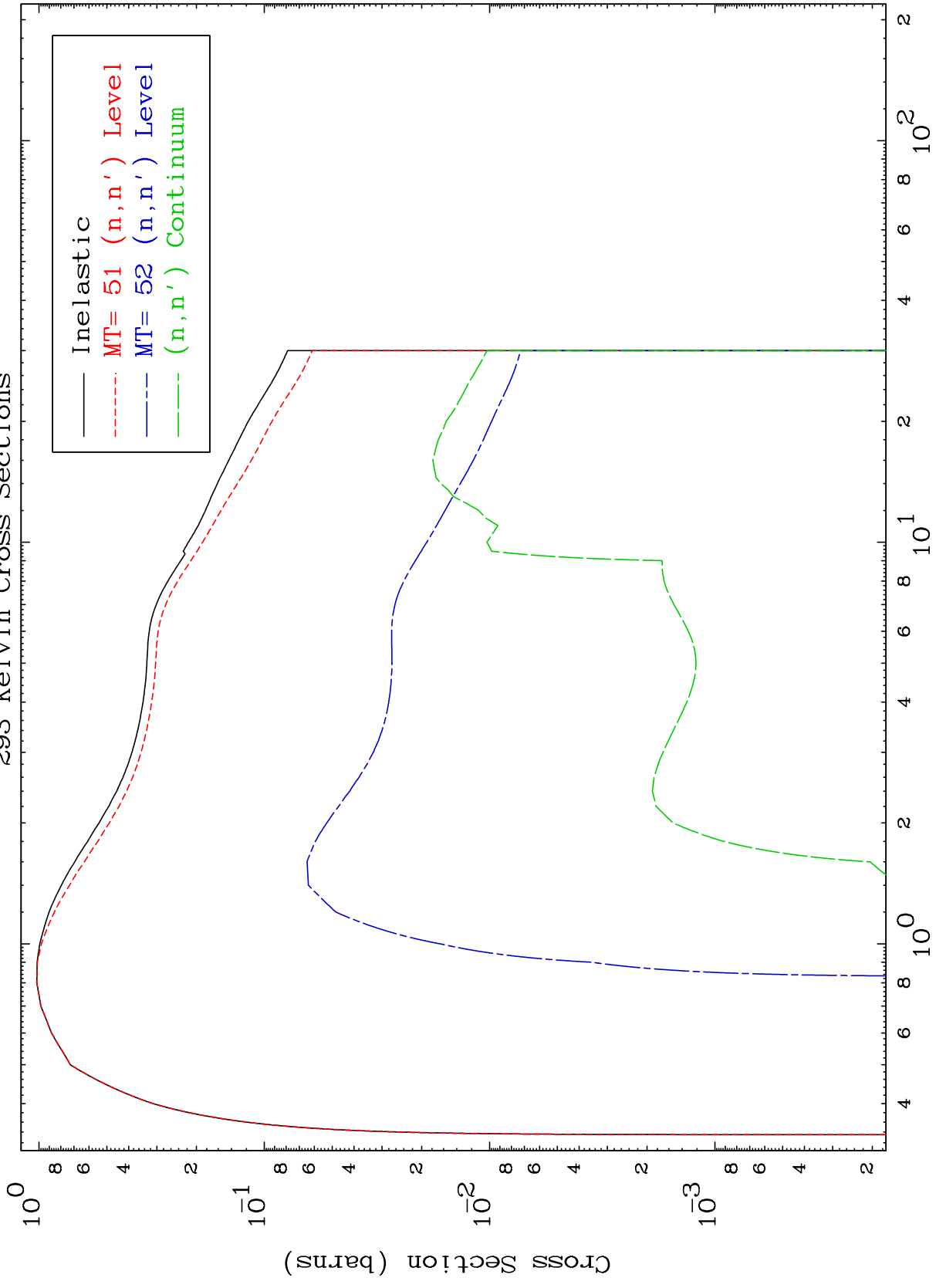
7

74-W -164

MAT 7377

^{293}Rn (n,n') Level
Kelvin Cross Sections

74-W -164



Legend:
— Inelastic
- - - MT= 51 (n,n') Level
- - - MT= 52 (n,n') Level
- - - (n,n') Continuum

8

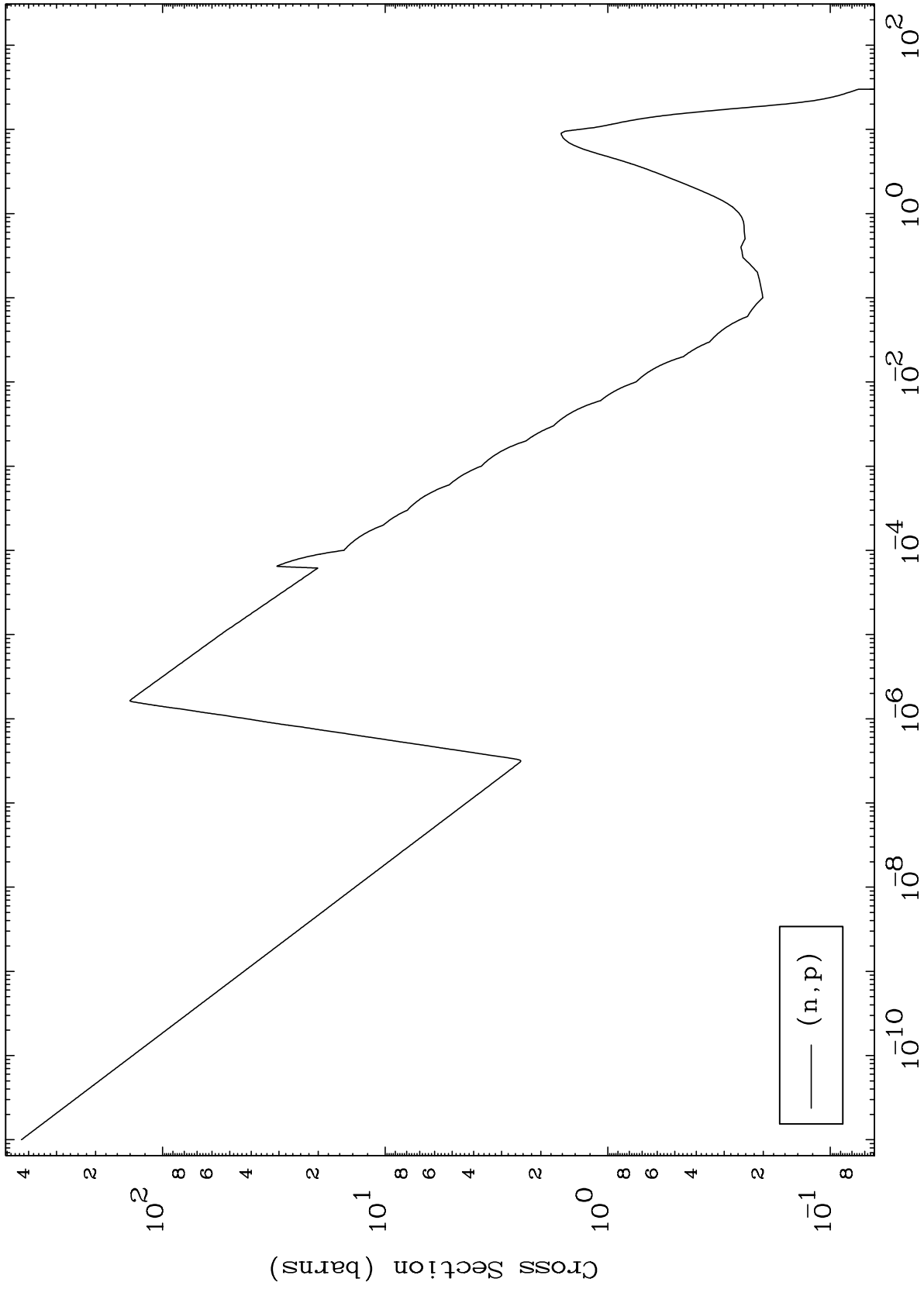
Incident Energy (MeV)

74-W -164

MAT 7377

(n,p) Levels
293 Kelvin Cross Sections

74-W -164



9

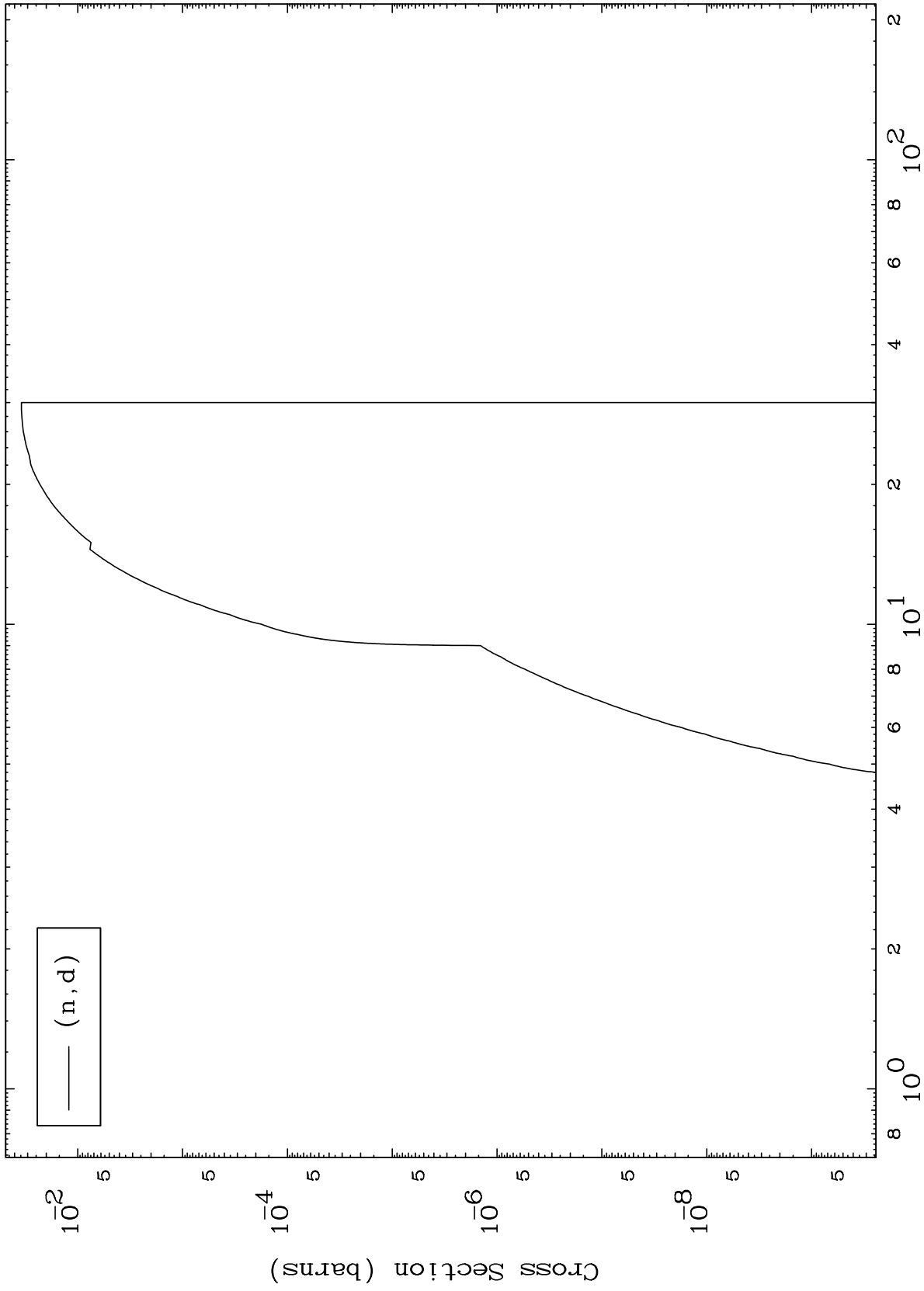
Incident Energy (MeV)

74-W -164

MAT 7377

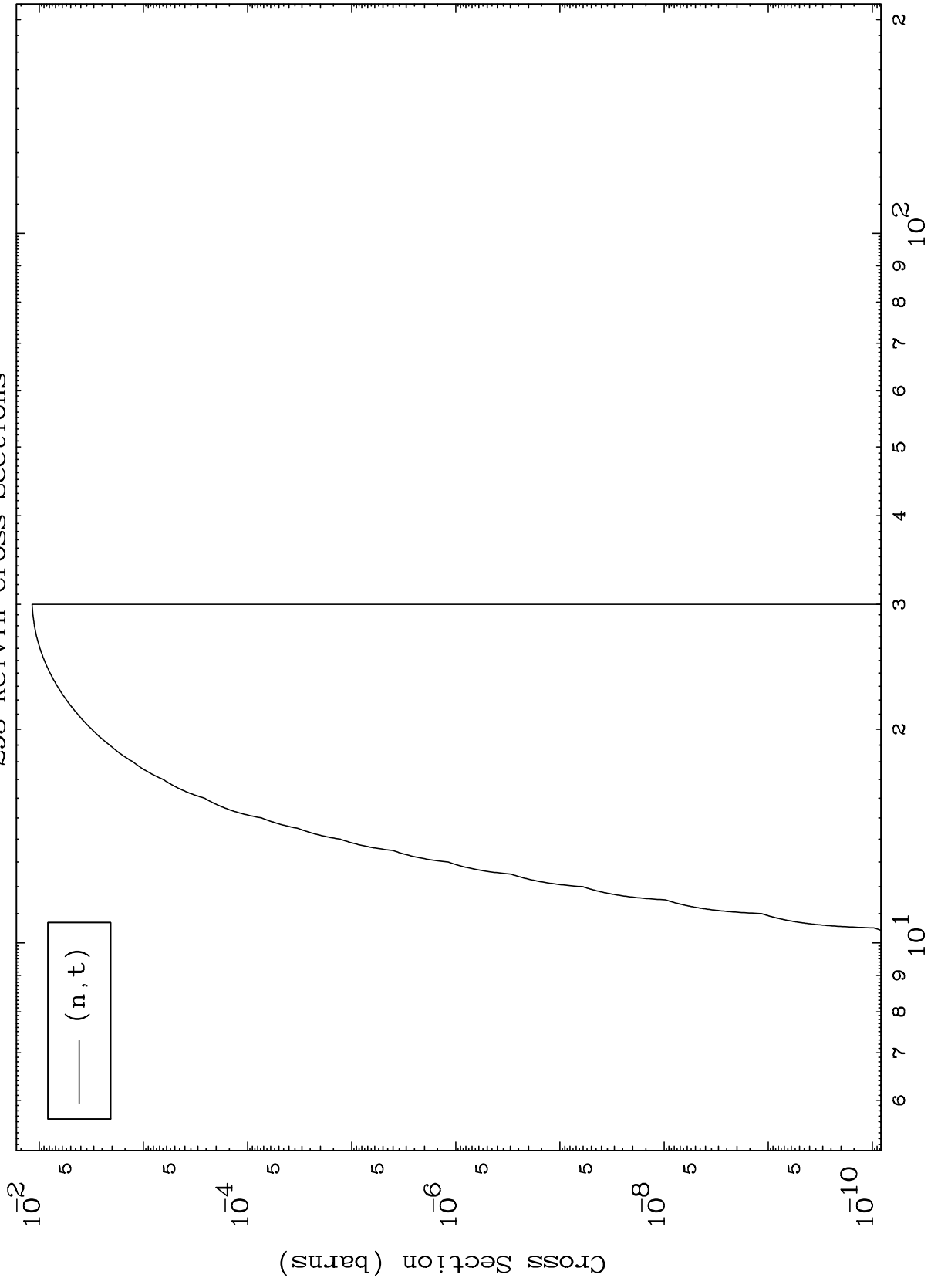
(n,d) Levels
293 Kelvin Cross Sections

74-W -164



Incident Energy (MeV)

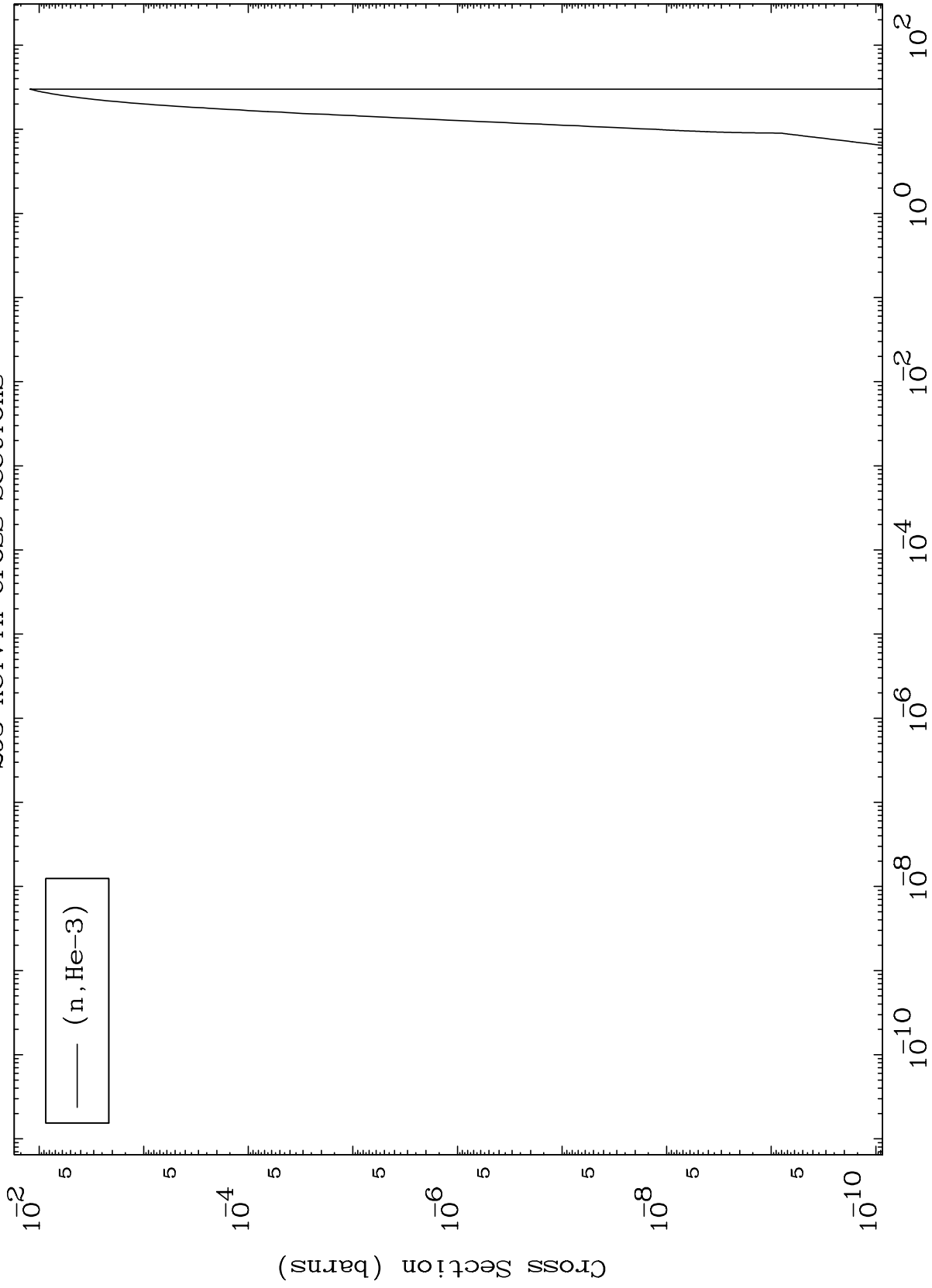
74-W -164



MAT 7377

(n,He3) Levels
293 Kelvin Cross Sections

74-W -164



12

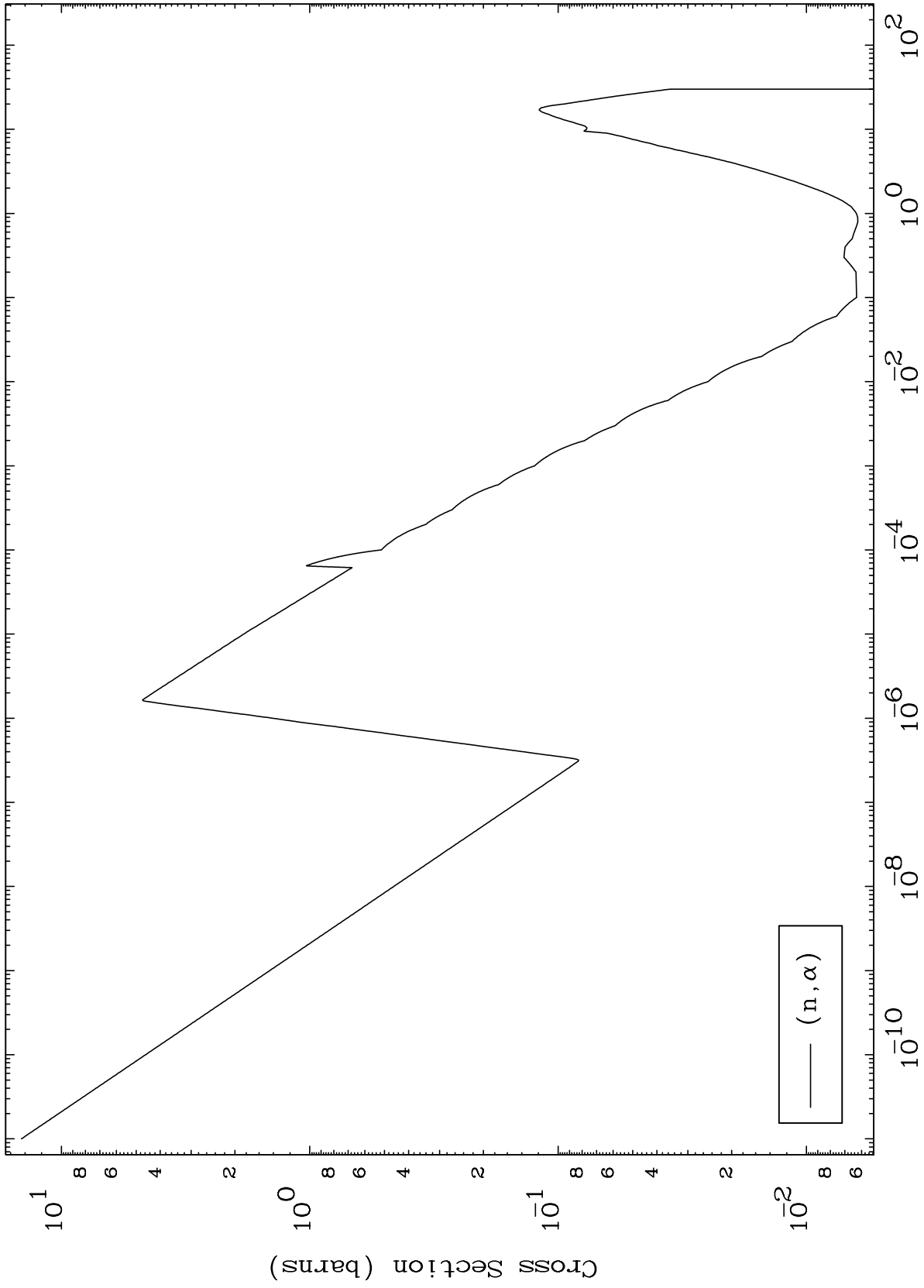
Incident Energy (MeV)

74-W -164

MAT 7377

(n,α) Levels
293 Kelvin Cross Sections

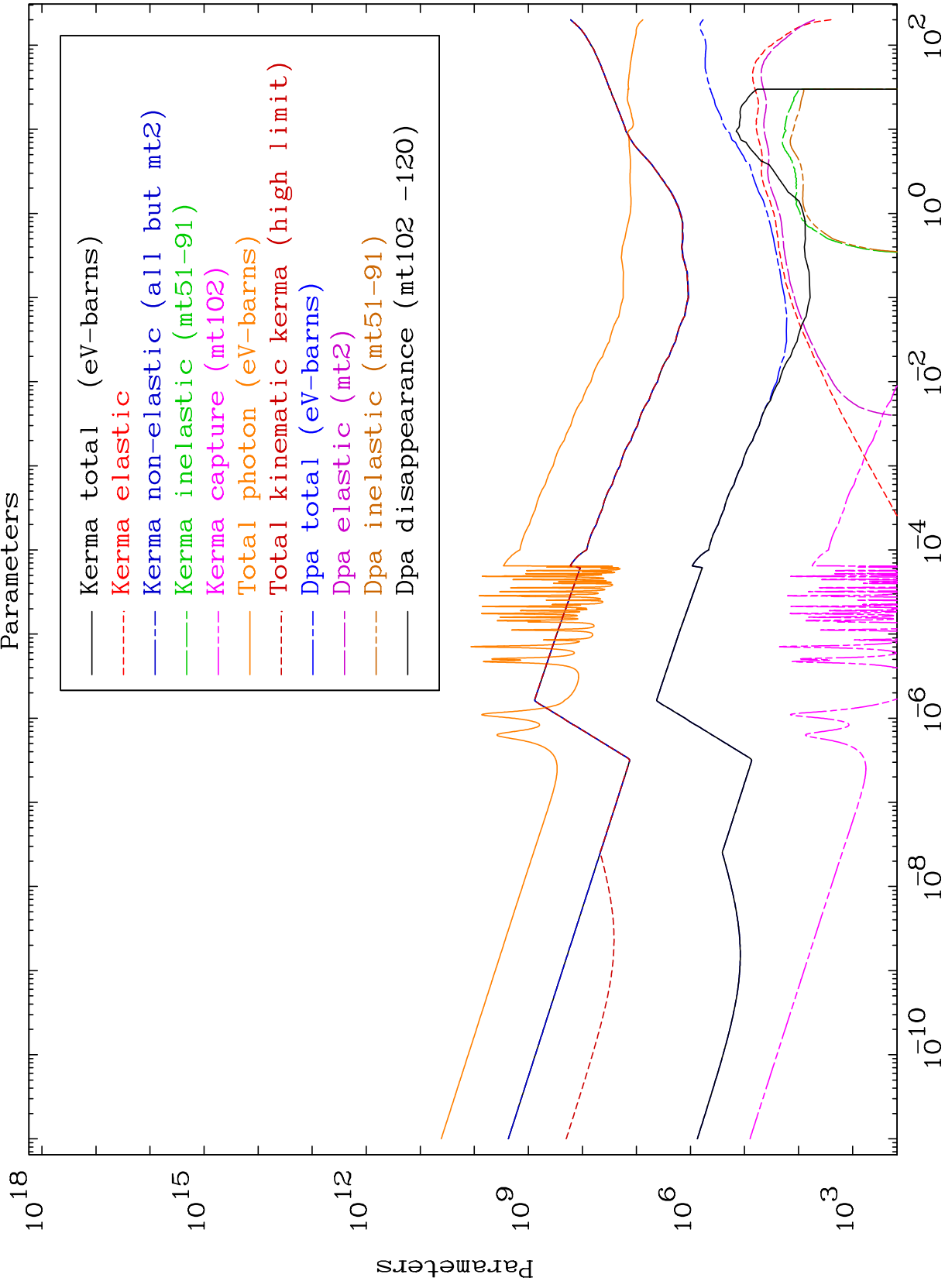
74-W -164



13

Incident Energy (MeV)

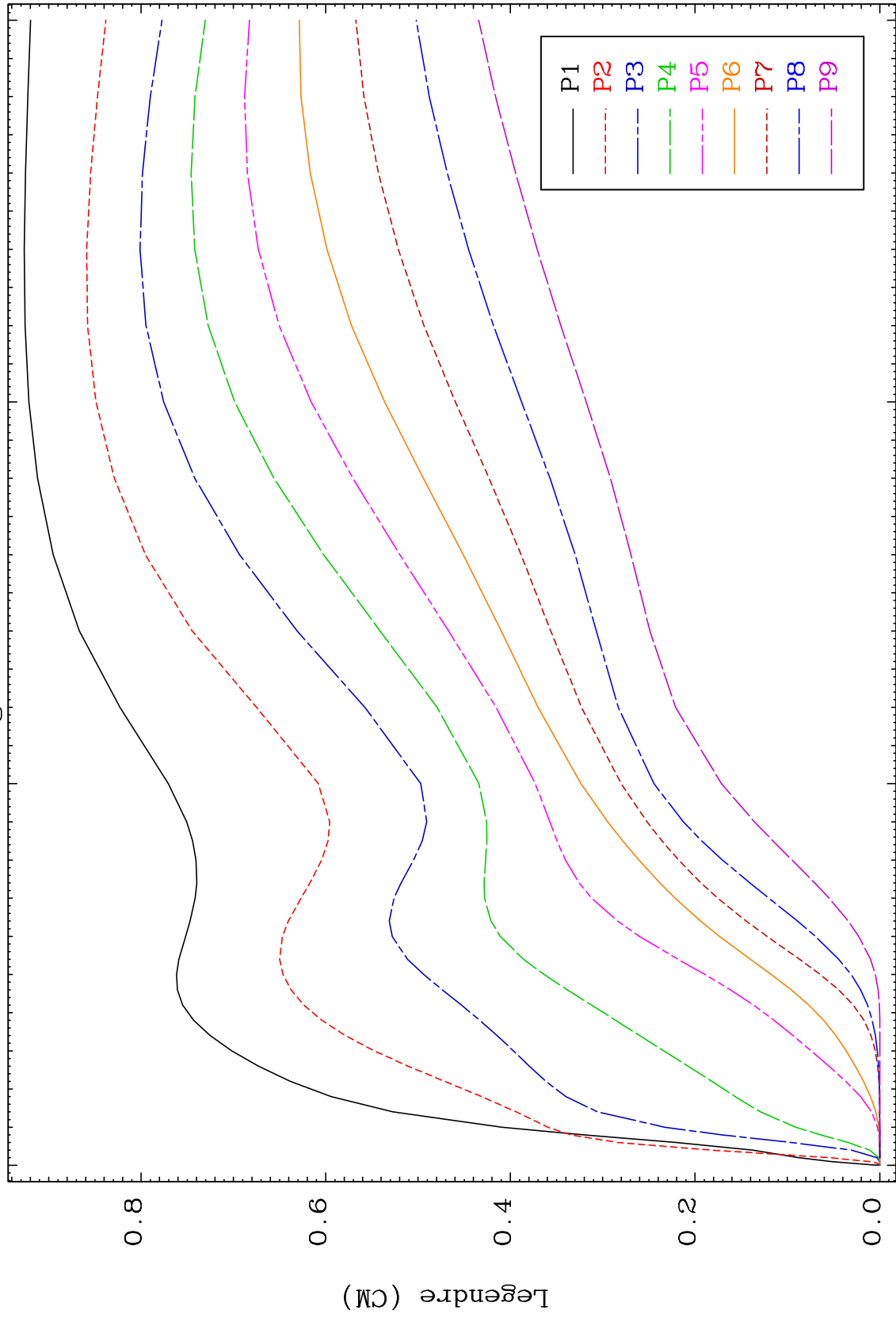
74-W -164



MAT 7377

Elastic Legendre Coefficients

74-W -164



15

0

10

20

30

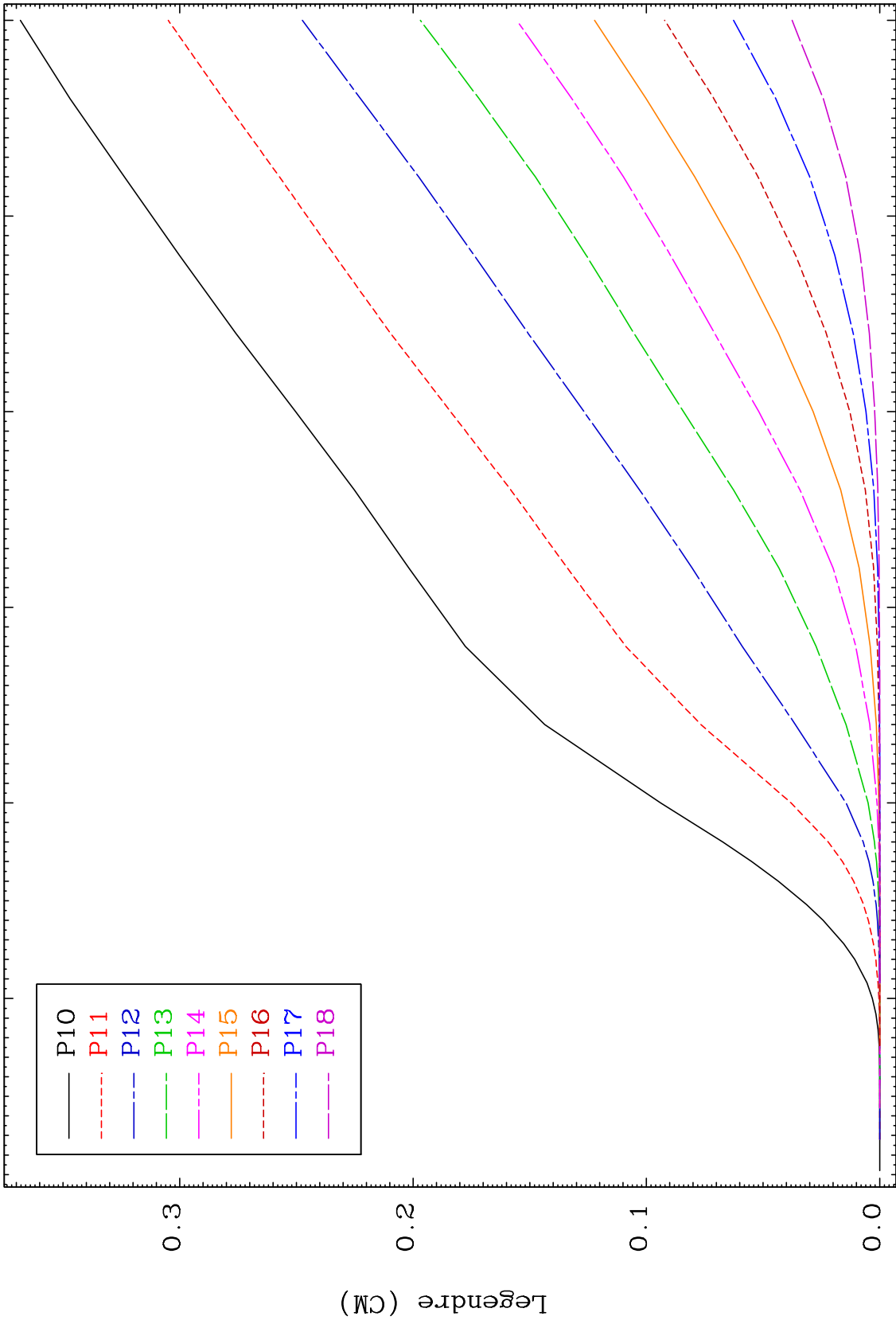
Incident Energy (MeV)

74-W -164

MAT 7377

Elastic Legendre Coefficients

74-W -164



16

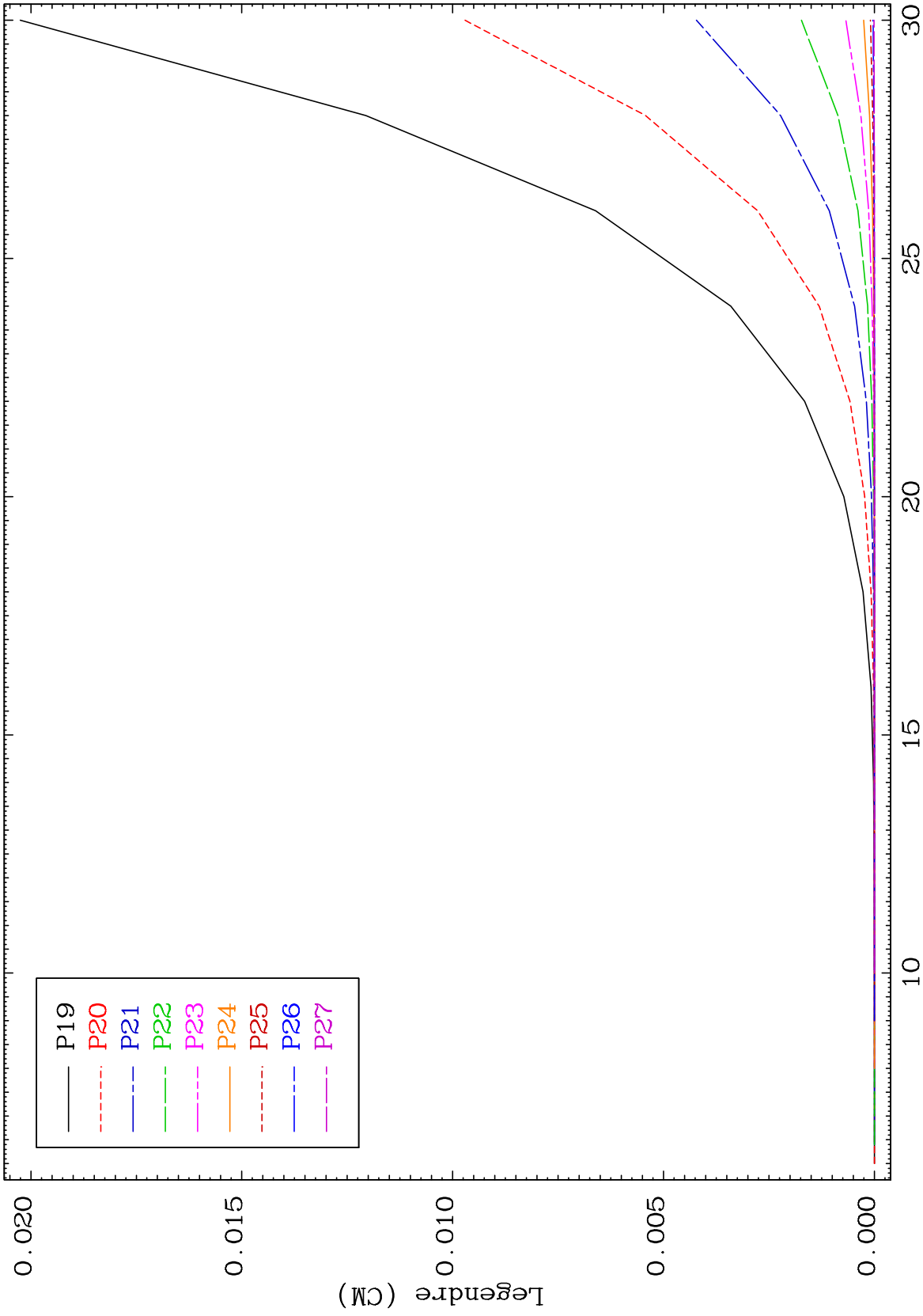
Incident Energy (MeV)

74-W -164

MAT 7377

Elastic Legendre Coefficients

74-W -164



17

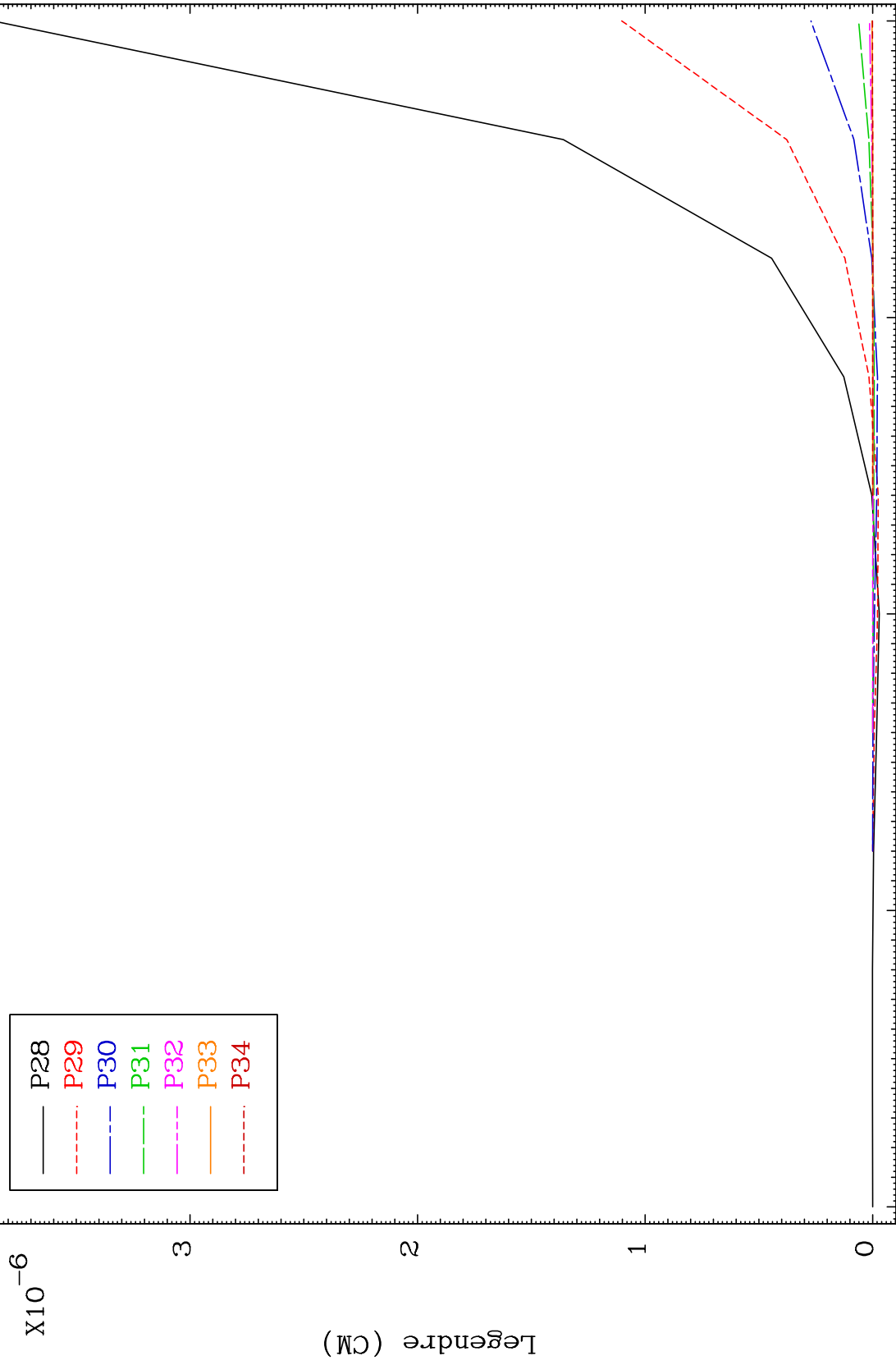
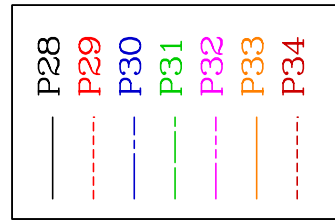
Incident Energy (MeV)

74-W -164

MAT 7377

Elastic Legendre Coefficients

74-W -164



18

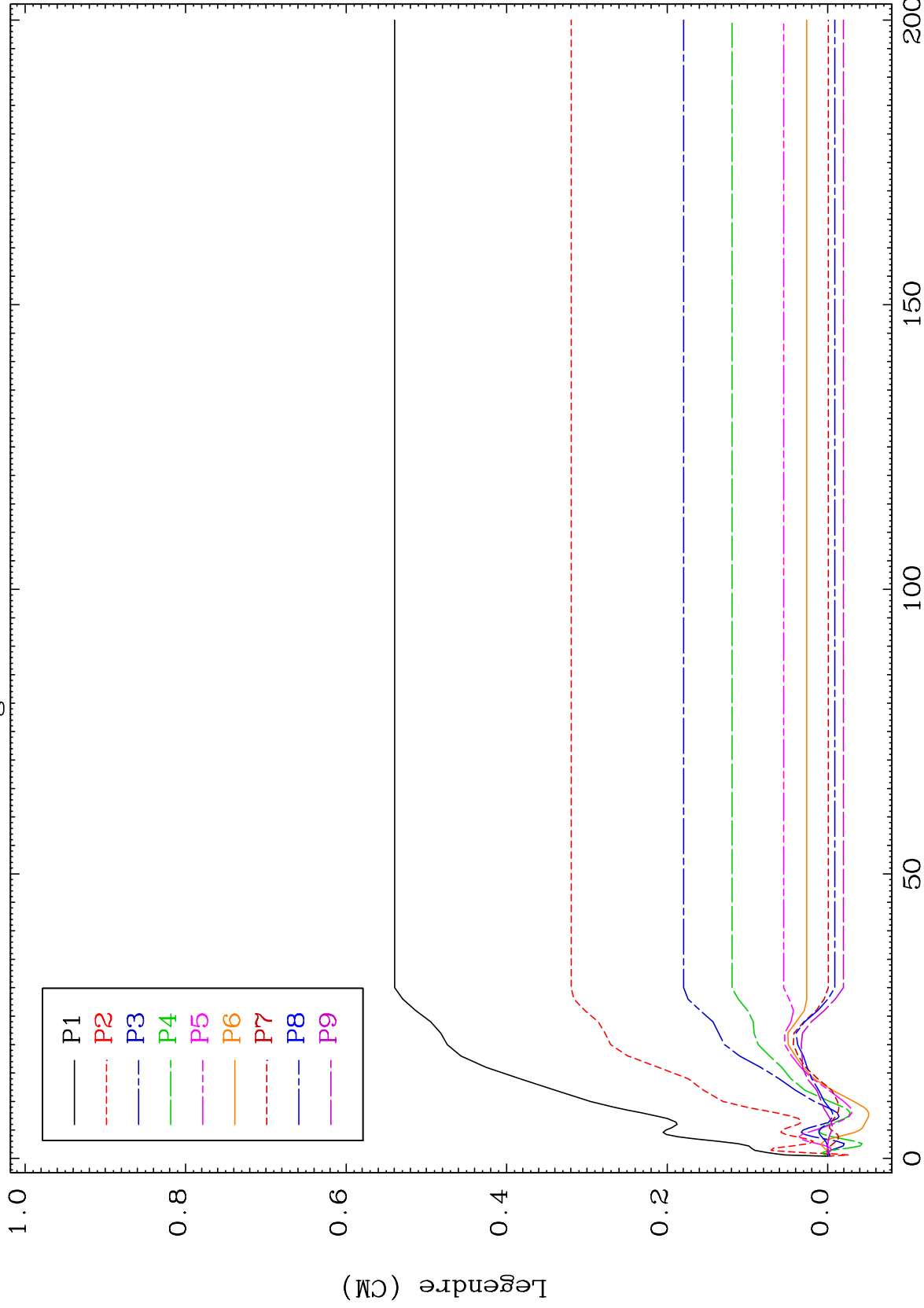
Incident Energy (MeV)

74-W -164

MAT 7377

MT= 51 (n,n') Level
Legendre Coefficients

74-W -164



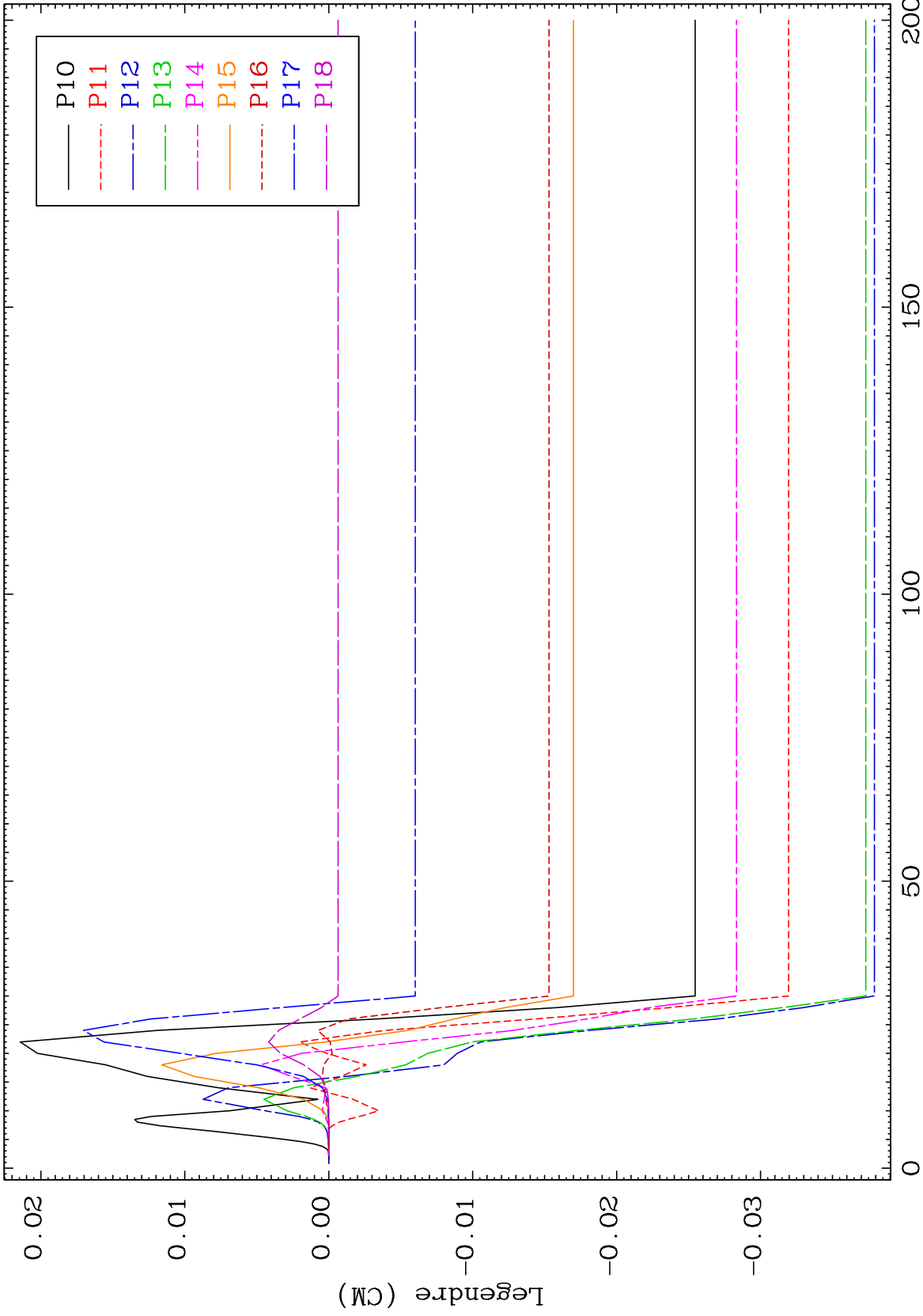
19

74-W -164

MAT 7377

MT= 51 (n,n') Level
Legendre Coefficients

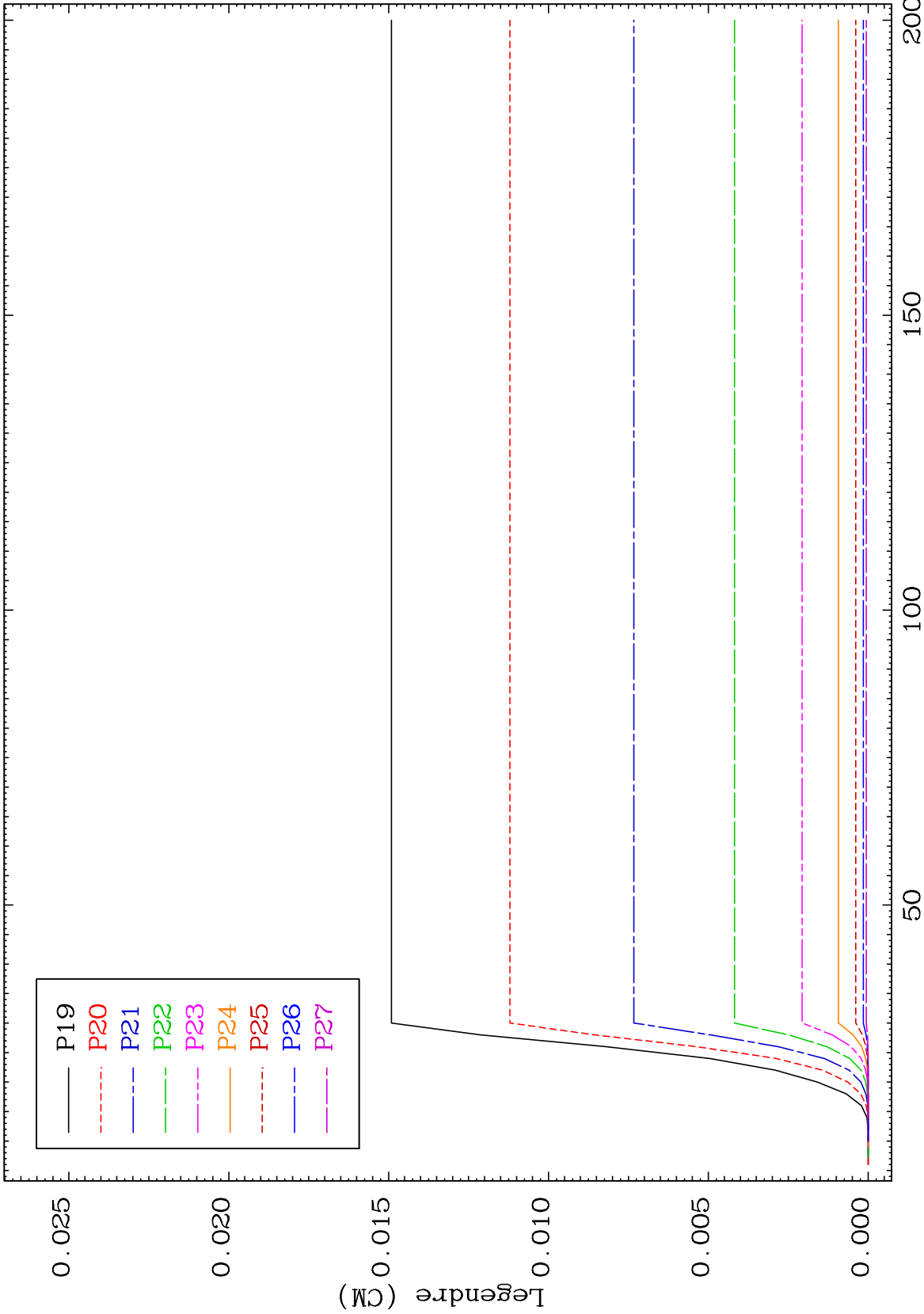
74-W -164



20

Incident Energy (MeV)

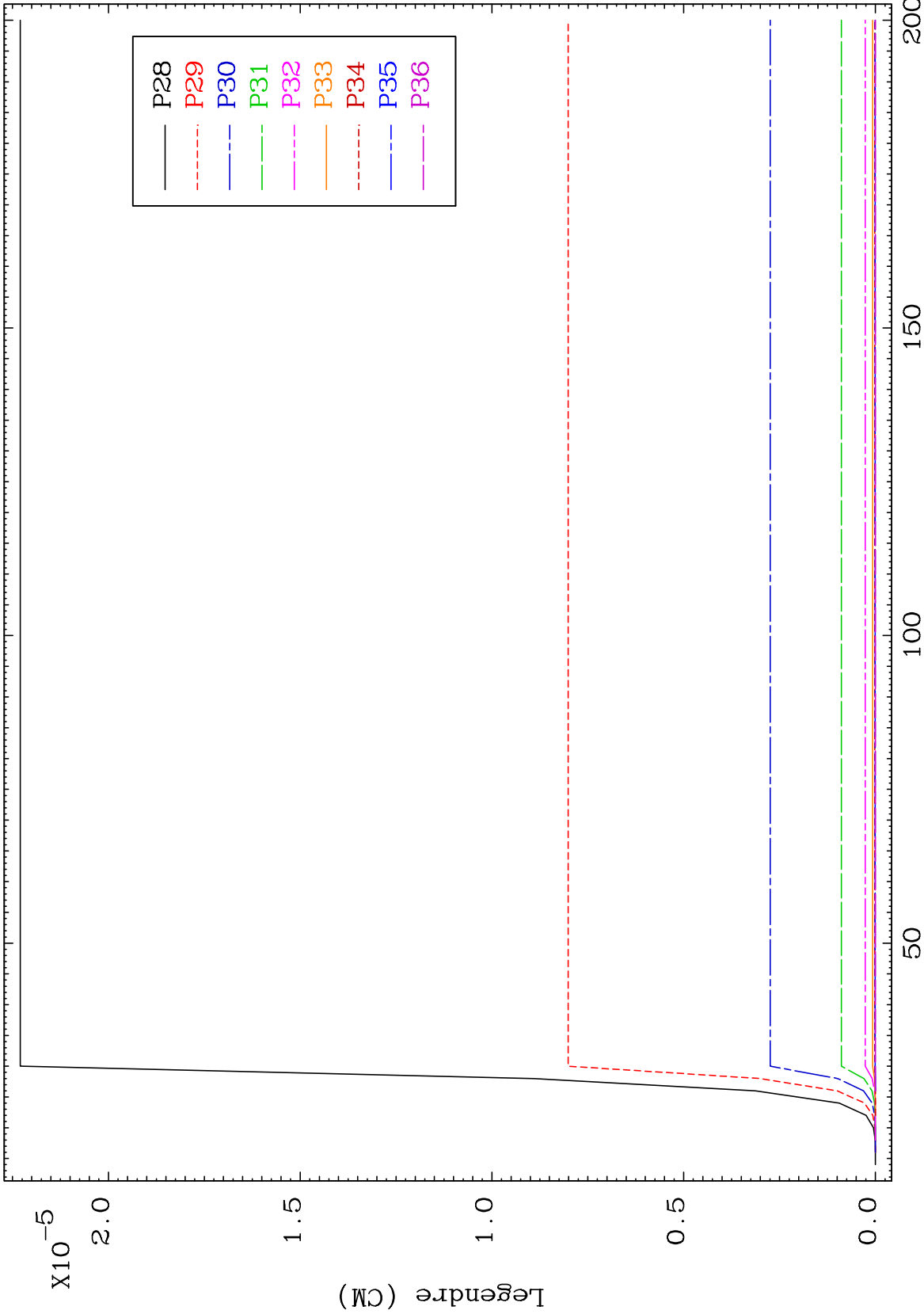
74-W -164



MAT 7377

MT= 51 (n,n') Level Legendre Coefficients

74-W -164



22

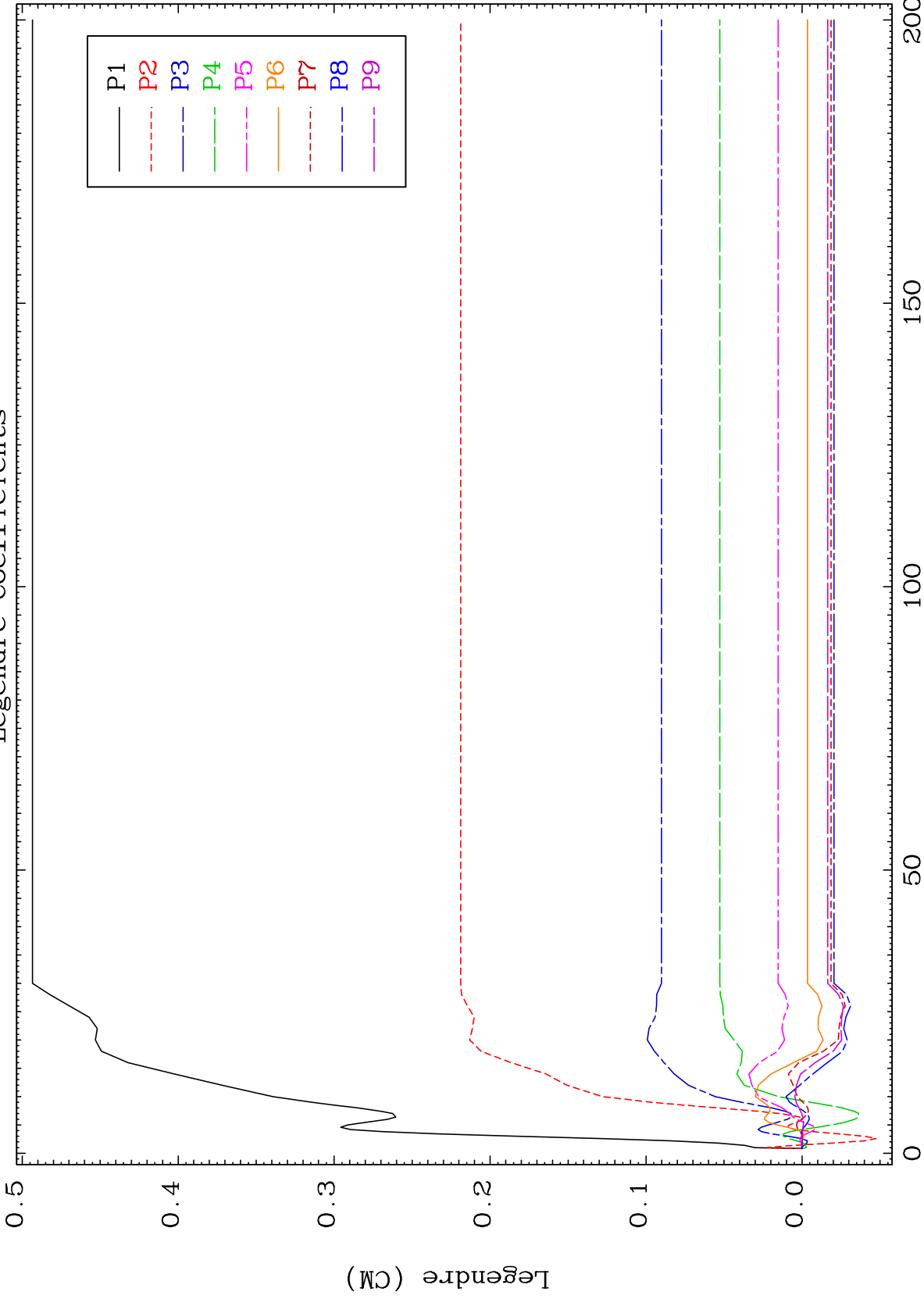
Incident Energy (MeV)

74-W -164

MAT 7377

MT= 52 (n,n') Level
Legendre Coefficients

74-W -164



23

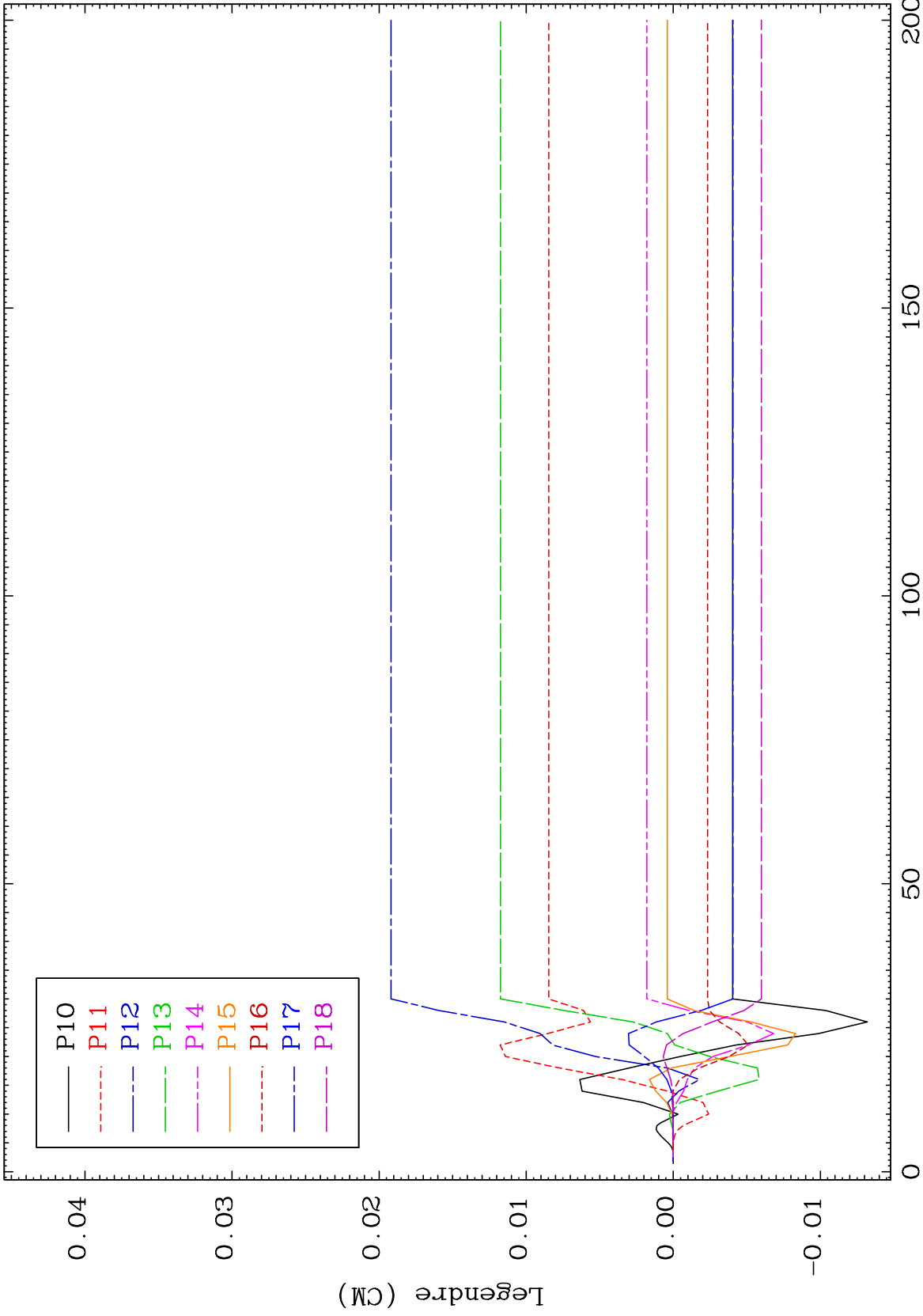
Incident Energy (MeV)

74-W -164

MAT 7377

MT= 52 (n,n') Level
Legendre Coefficients

74-W -164



24

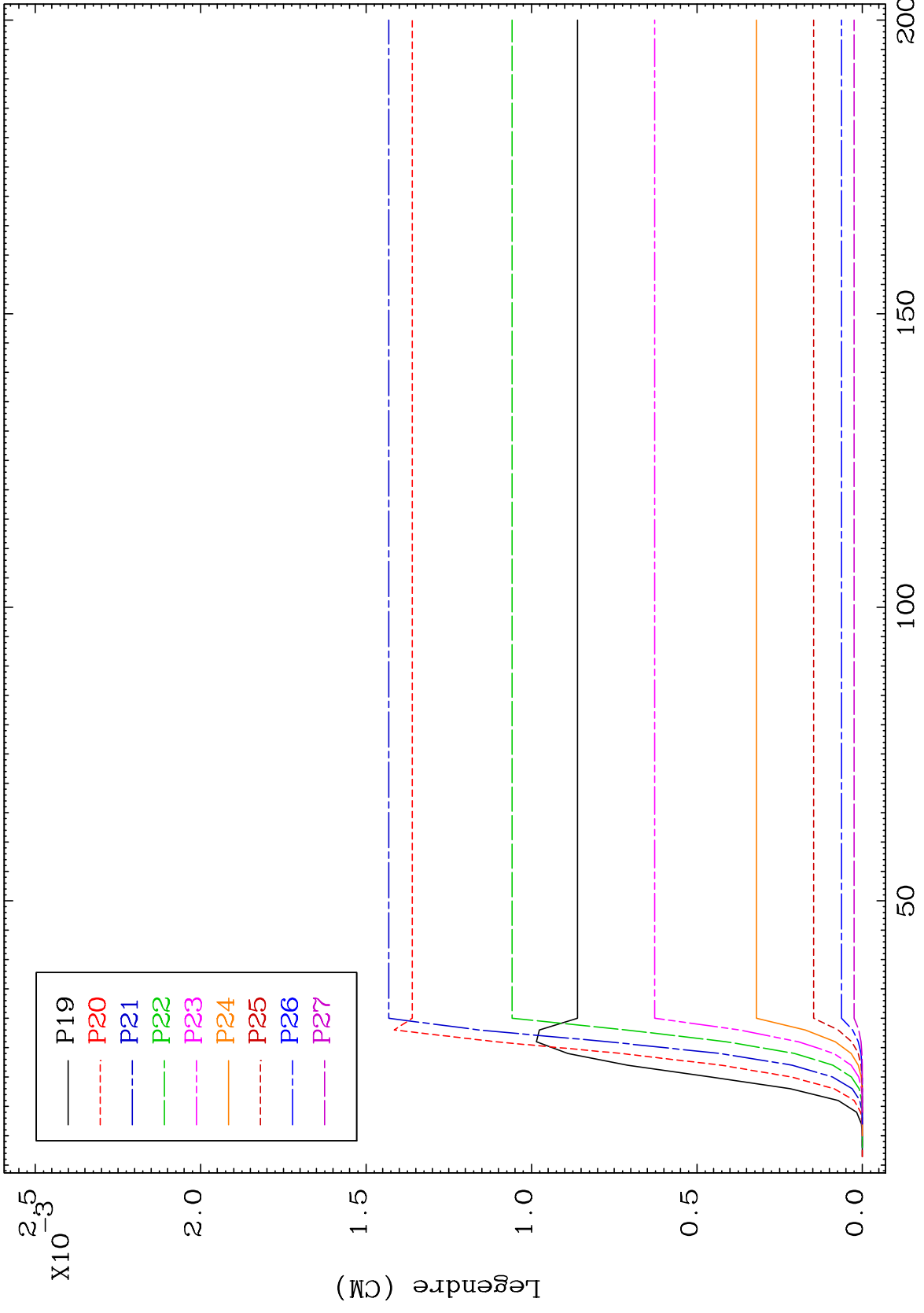
Incident Energy (MeV)

74-W -164

MAT 7377

MT= 52 (n,n') Level
Legendre Coefficients

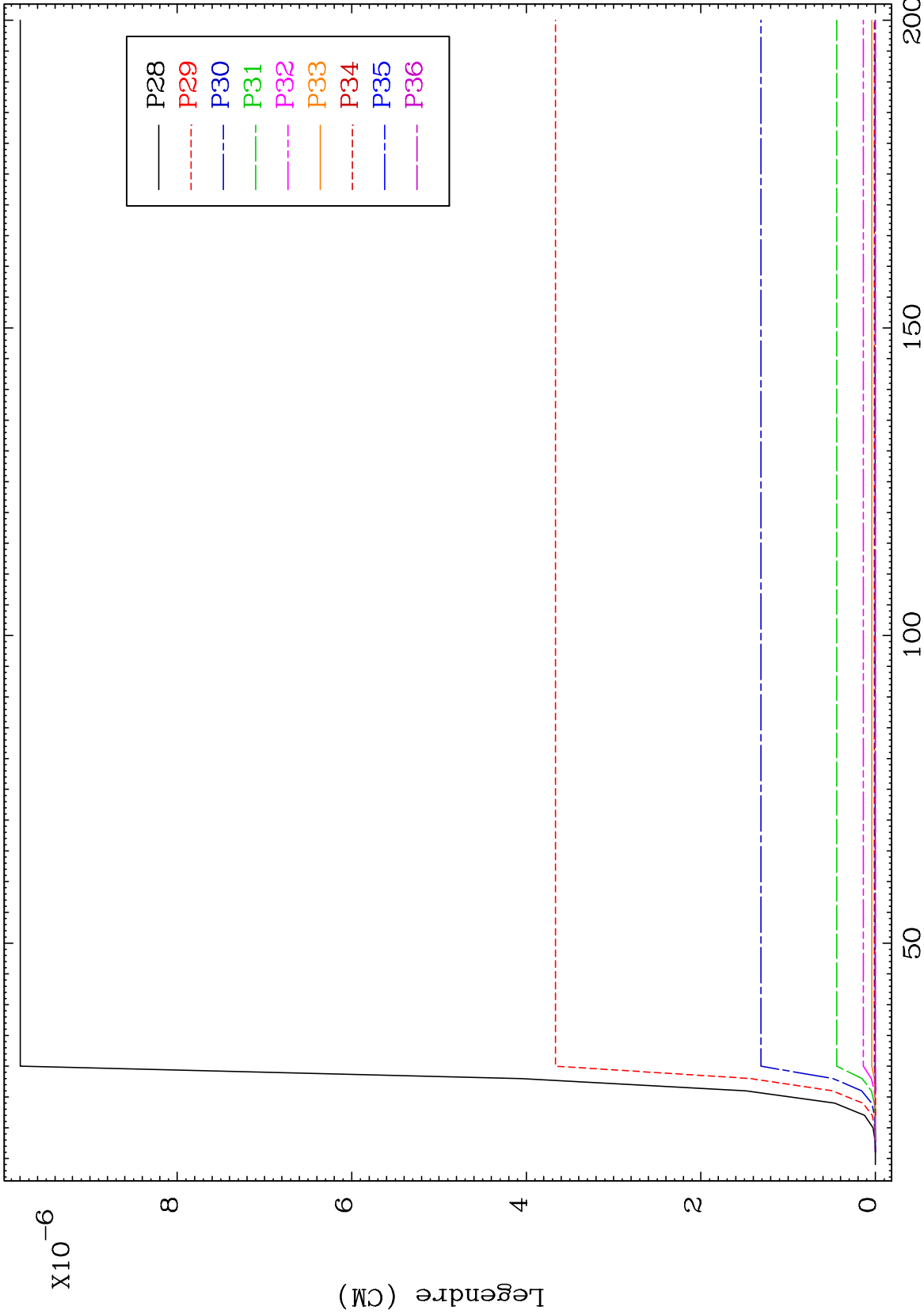
74-W -164



25

Incident Energy (MeV)

74-W -164

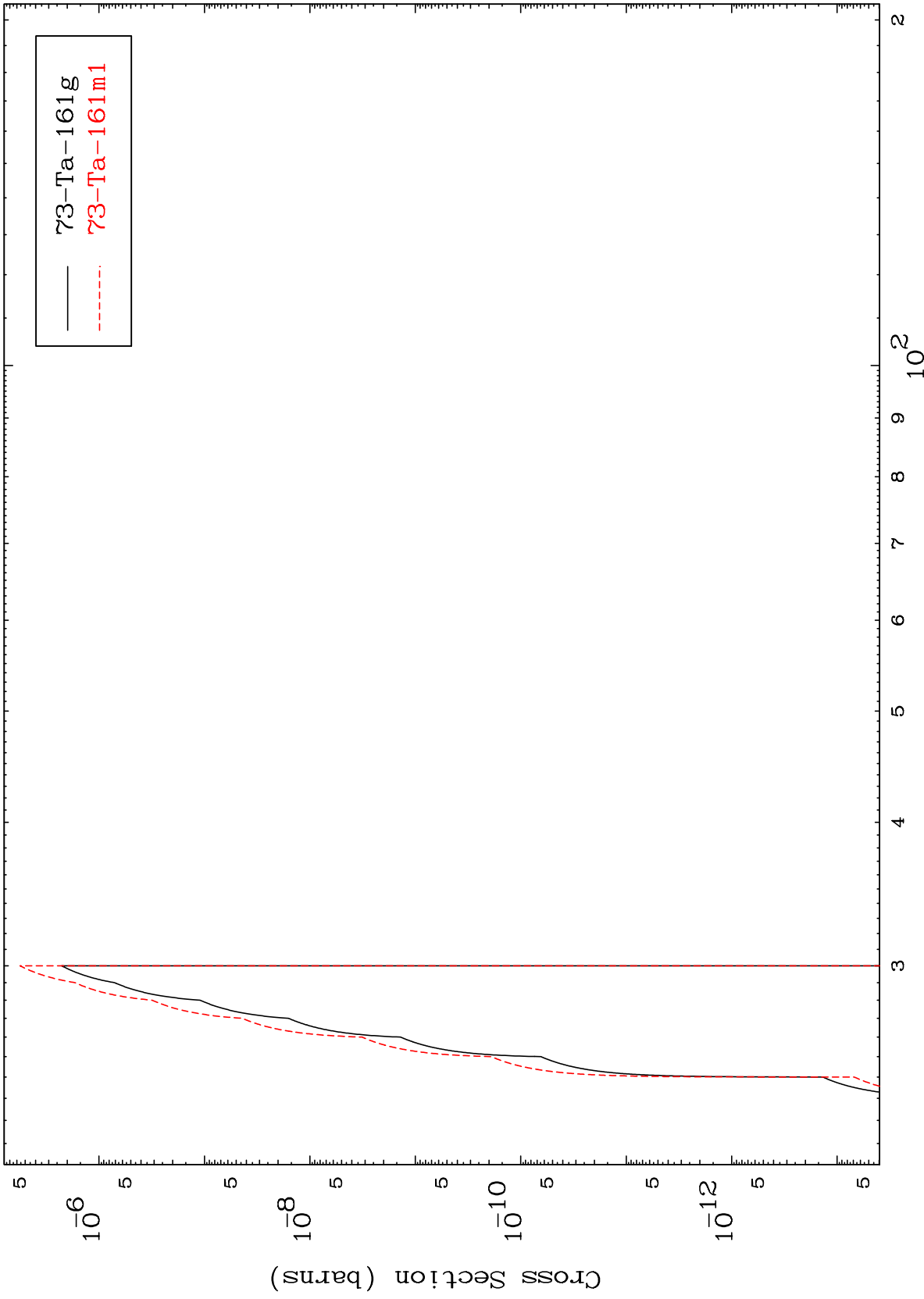


MAT 7377

(n,2n) d

74-W -164

Radionuclide Production Cross Section



27

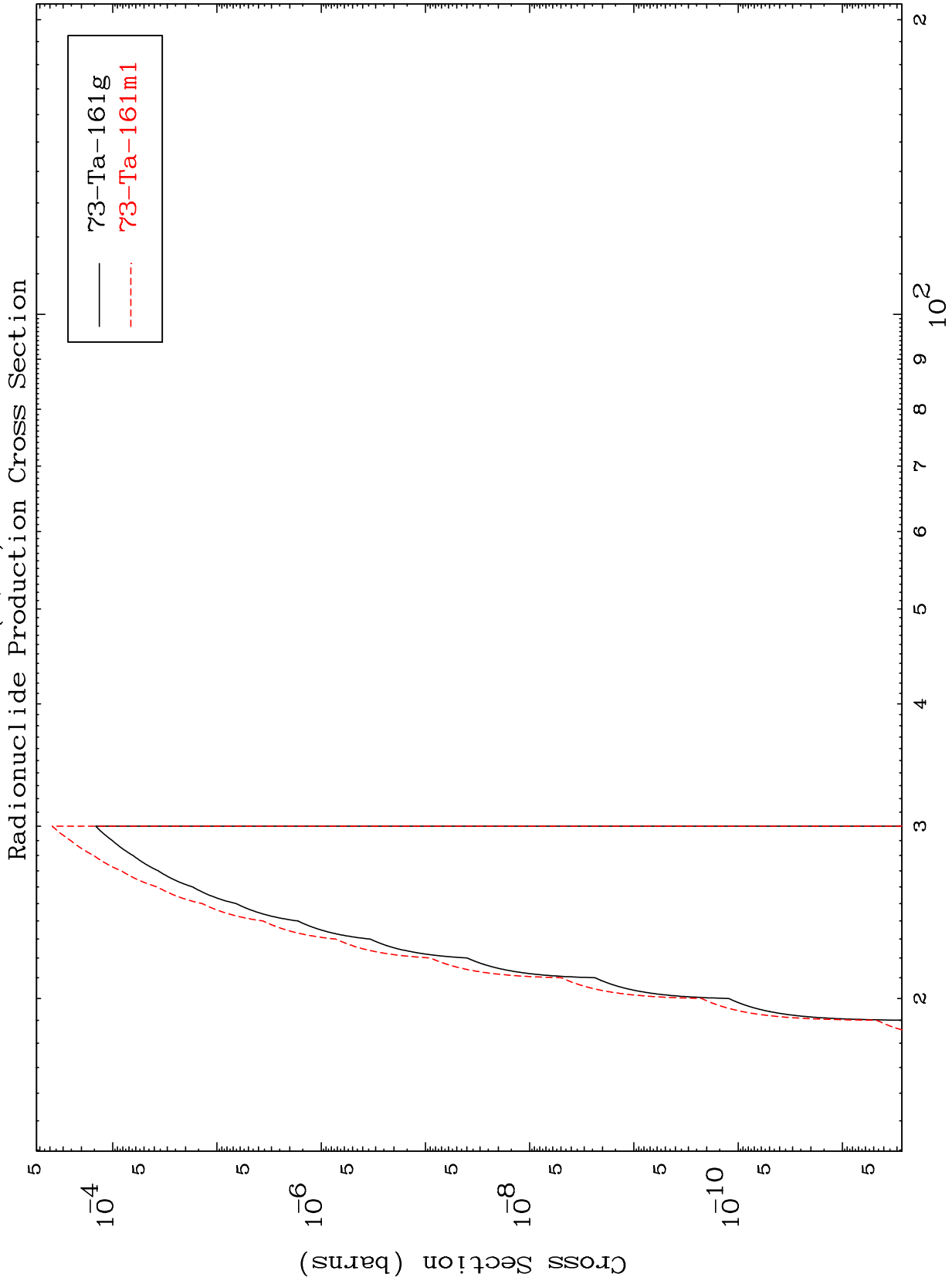
Incident Energy (MeV)

74-W -164

MAT 7377

(n,n') t

74-W -164



28

Incident Energy (MeV)

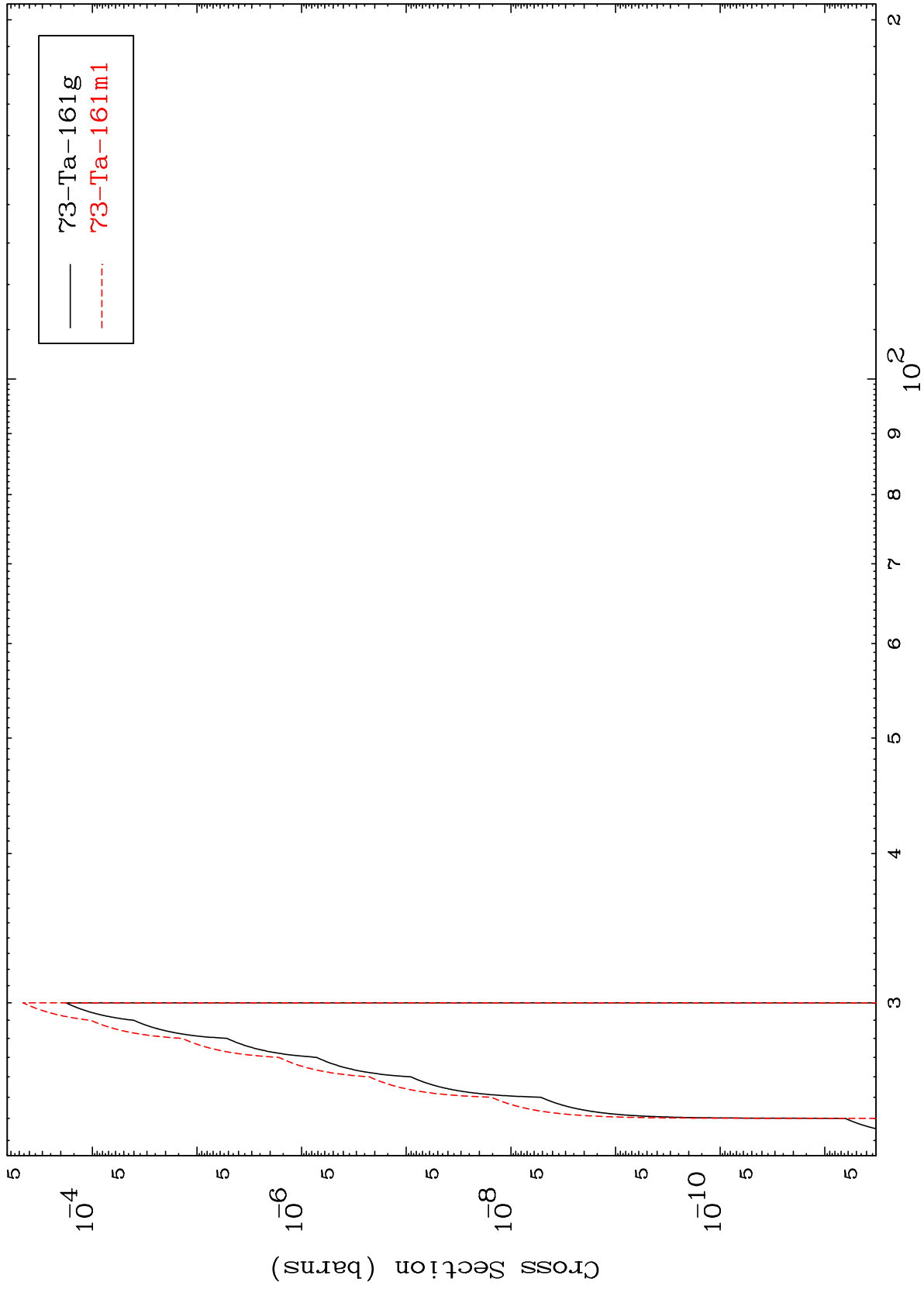
74-W -164

MAT 7377

(n,3n) p

74-W -164

Radionuclide Production Cross Section



29

Incident Energy (MeV)

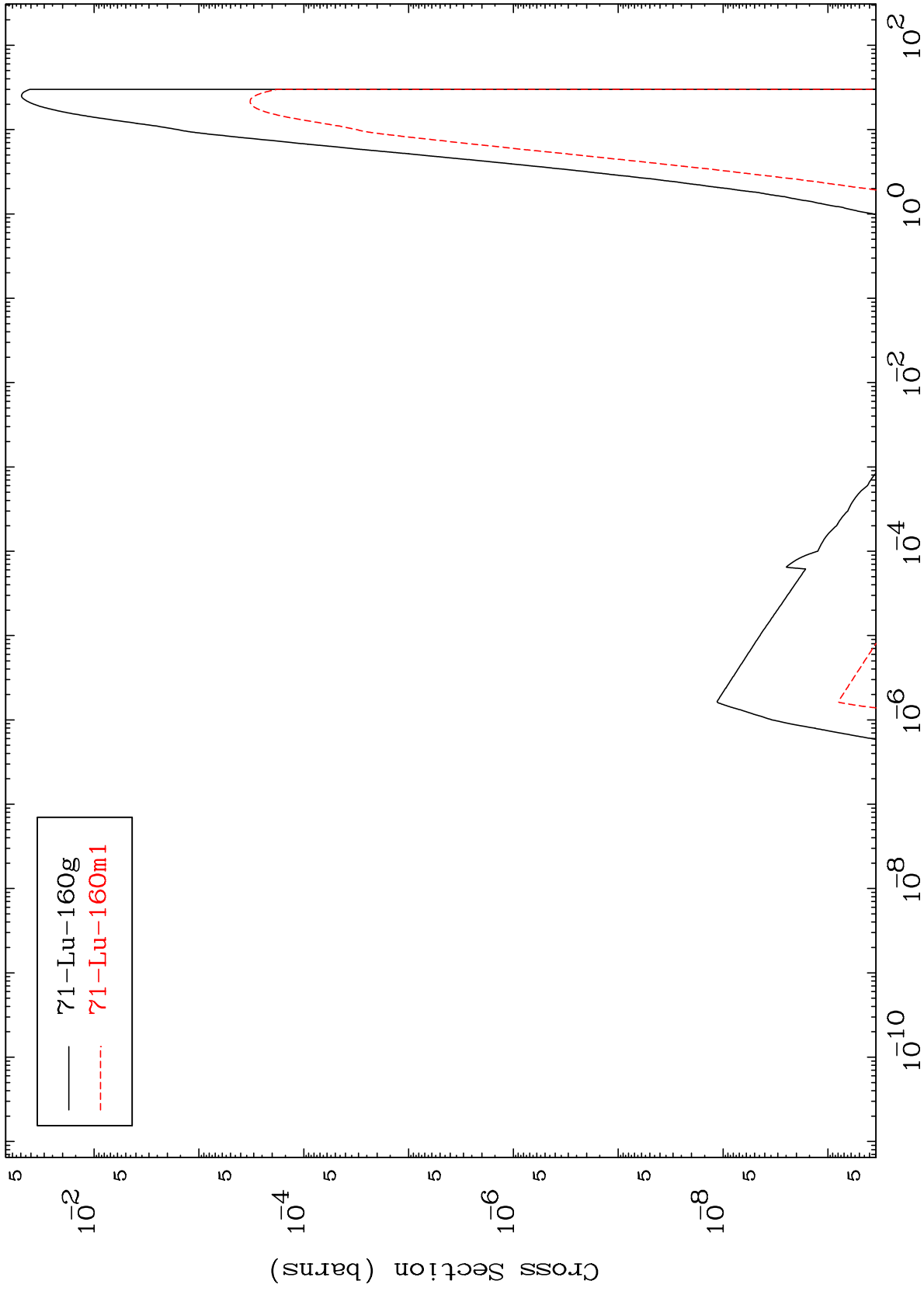
74-W -164

MAT 7377

(n,p) α

74-W -164

Radionuclide Production Cross Section

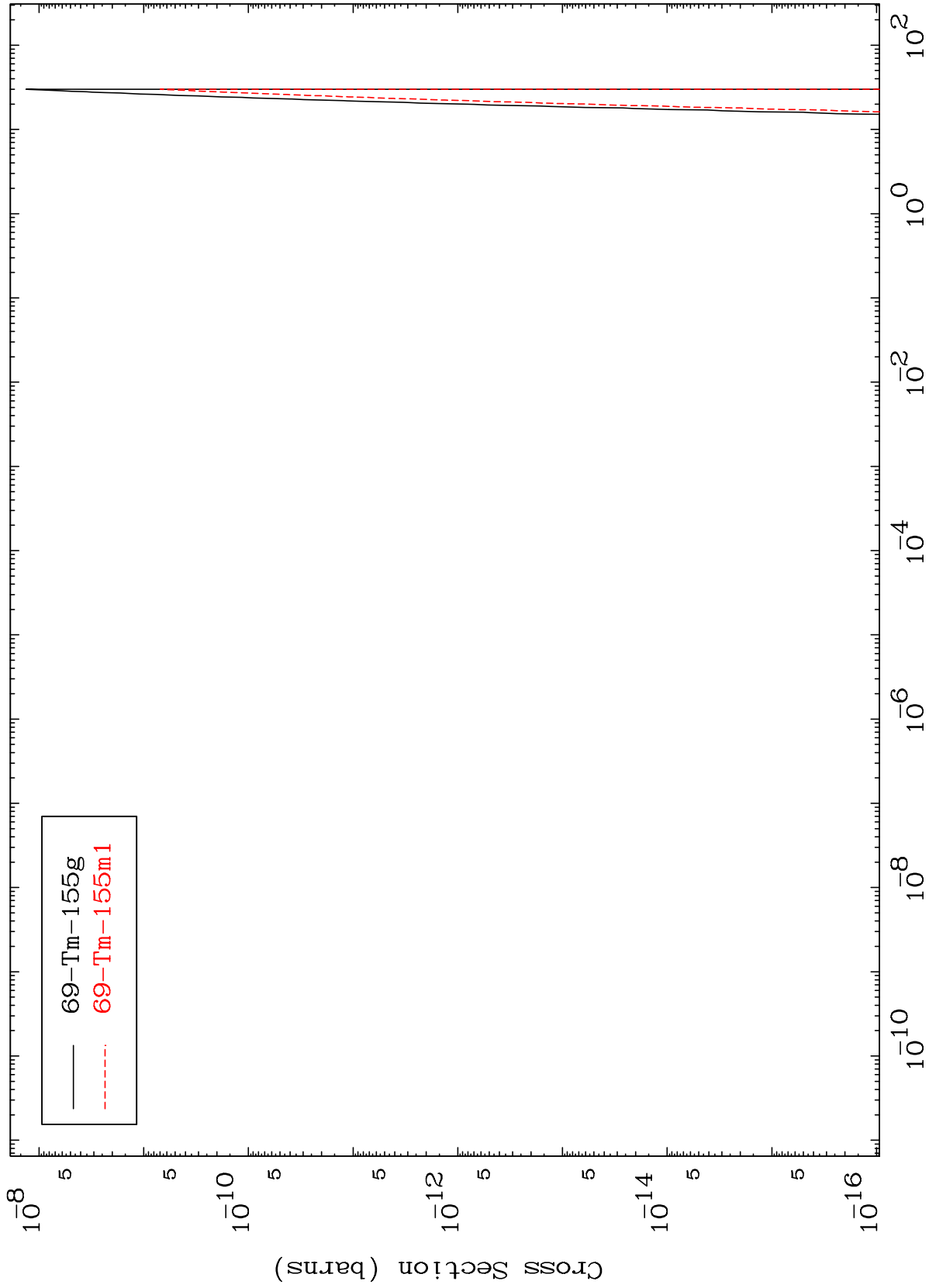


MAT 7377

(n,d) 2α

74-W -164

Radionuclide Production Cross Section



31

Incident Energy (MeV)

74-W -164