

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

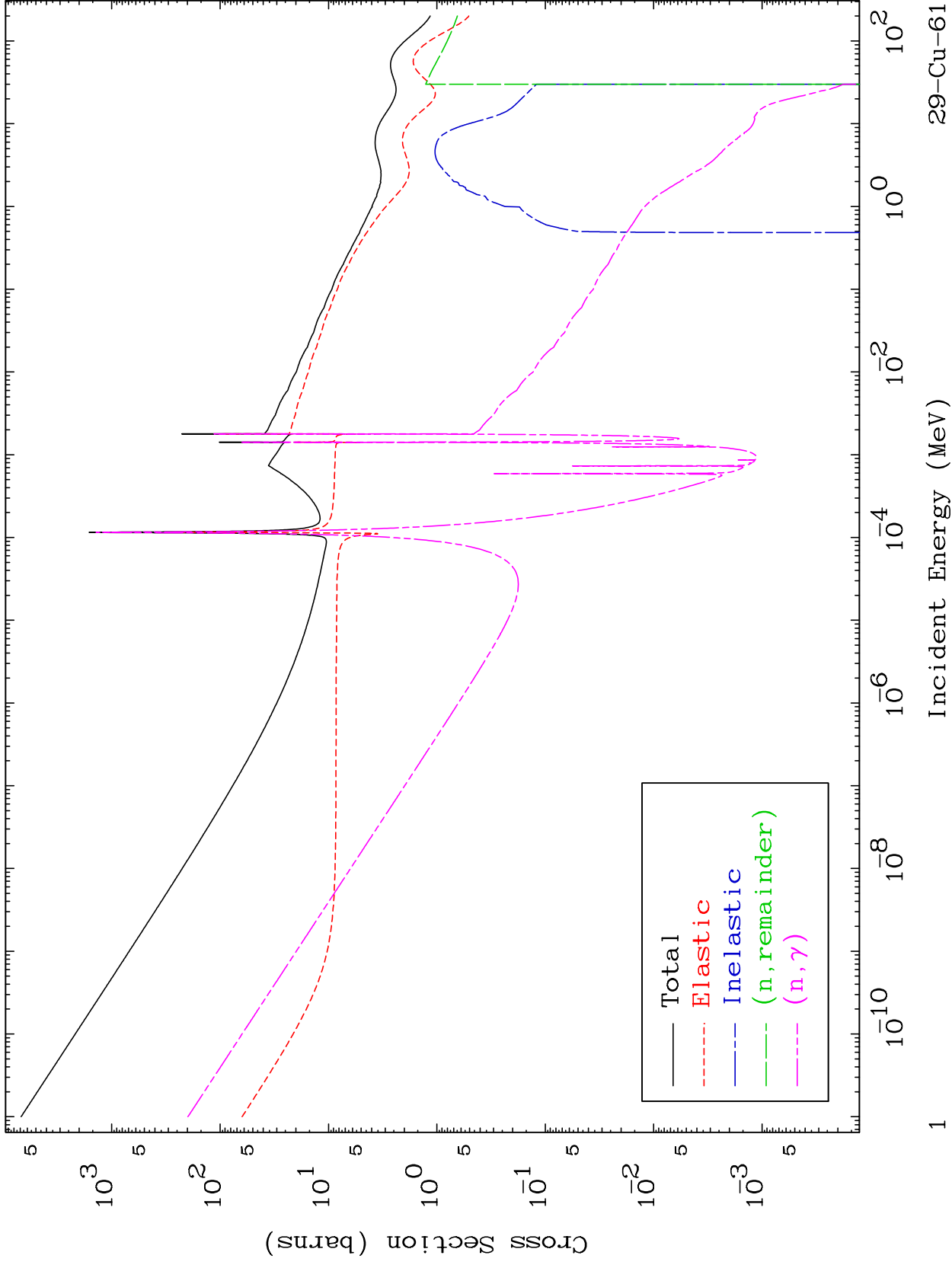
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2919

Major
293 Kelvin Cross Sections

29-Cu-61

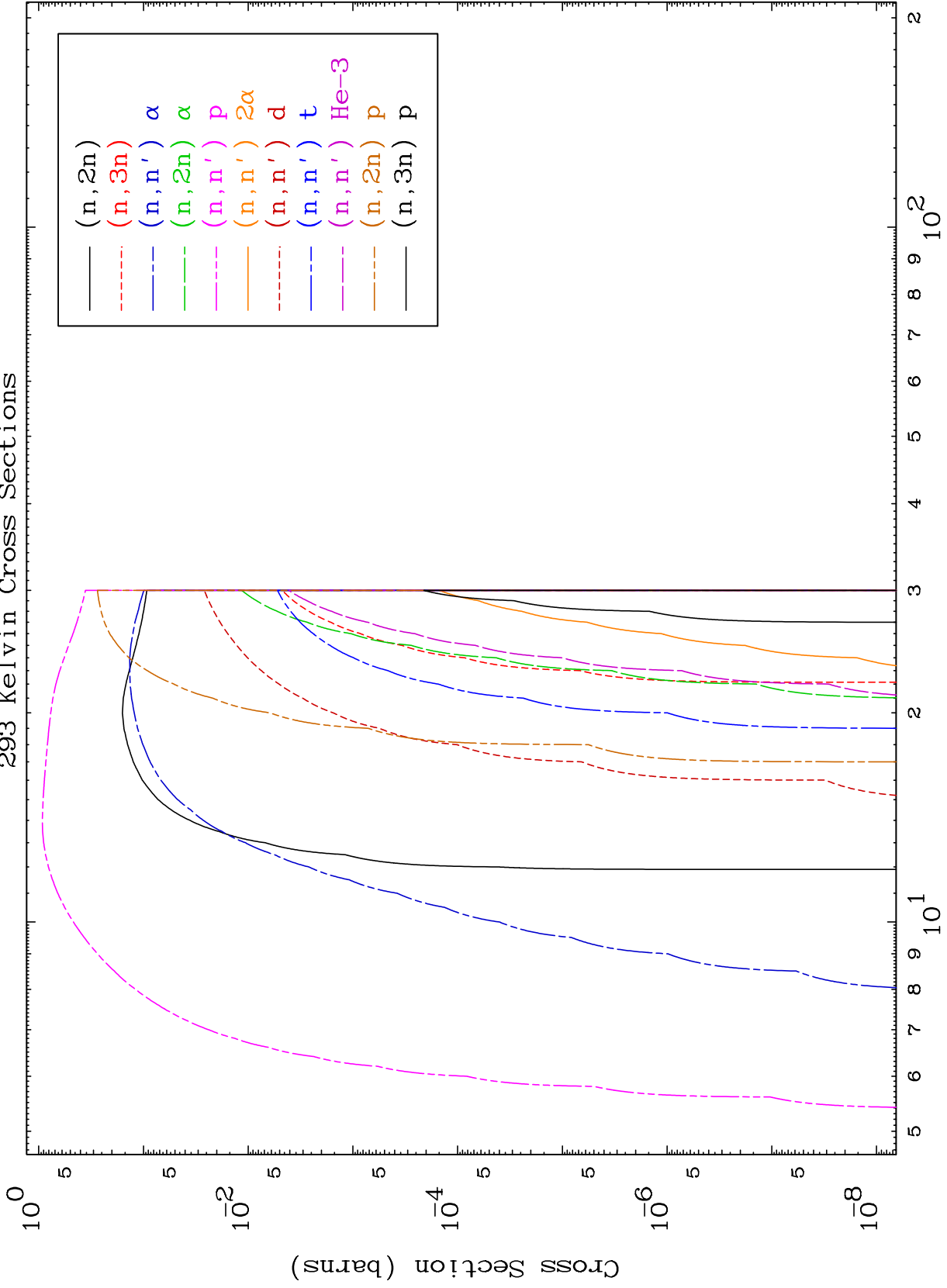


1

MAT 2919

Neutron Production
293 Kelvin Cross Sections

29-Cu-61



2

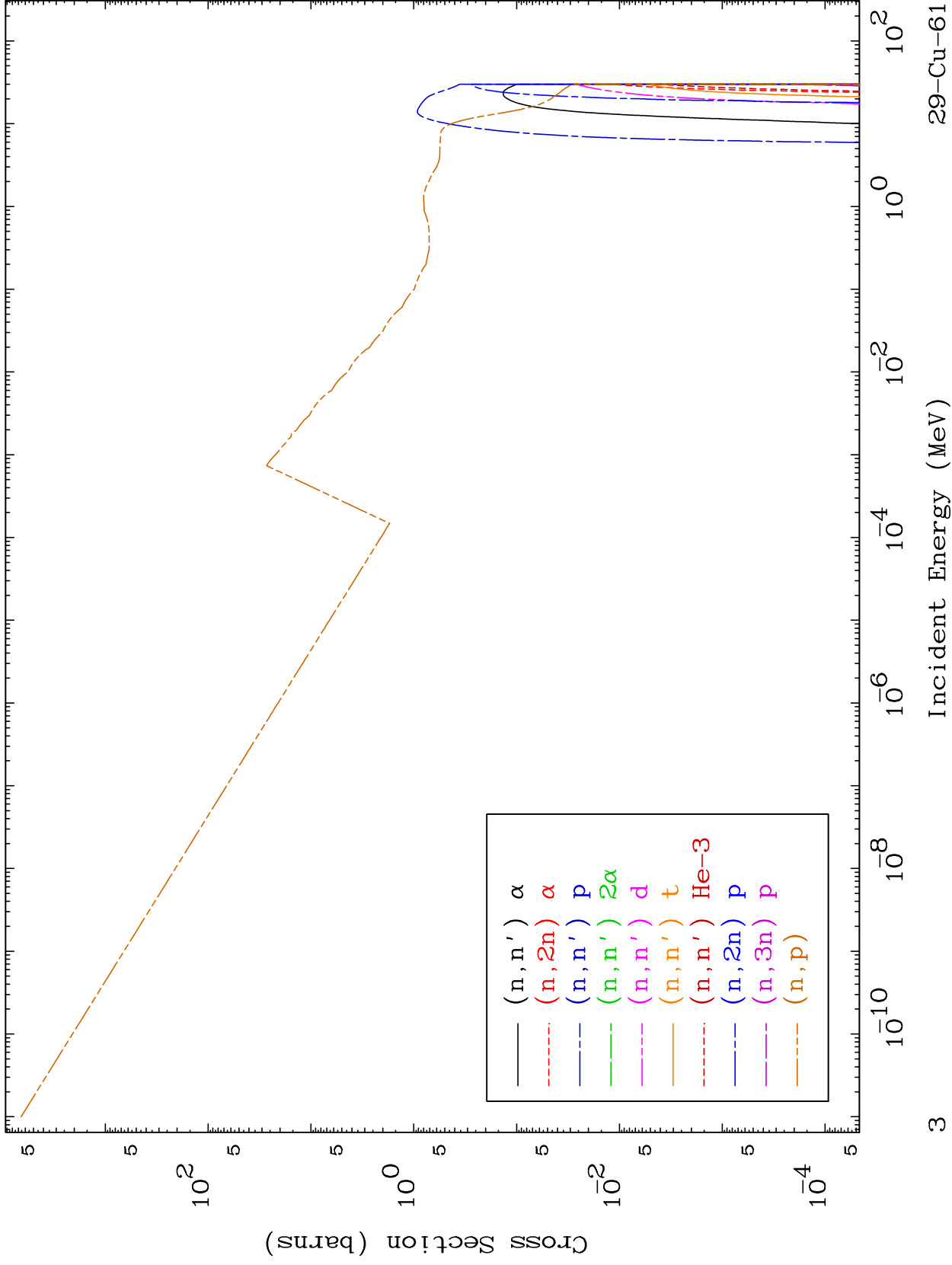
Incident Energy (MeV)

29-Cu-61

MAT 2919

Charged Particle
293 Kelvin Cross Sections

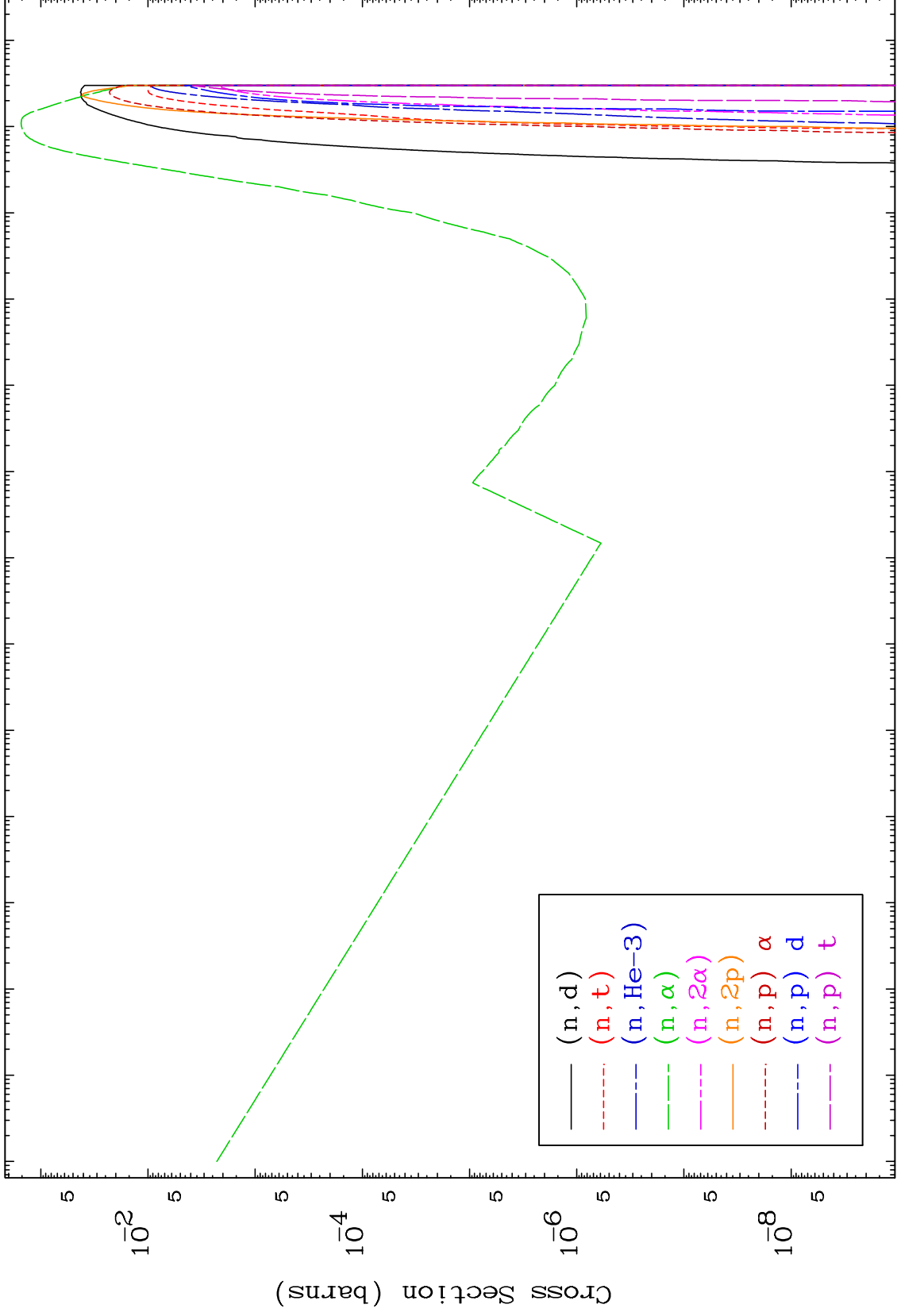
29-Cu-61



MAT 2919

Charged Particle
293 Kelvin Cross Sections

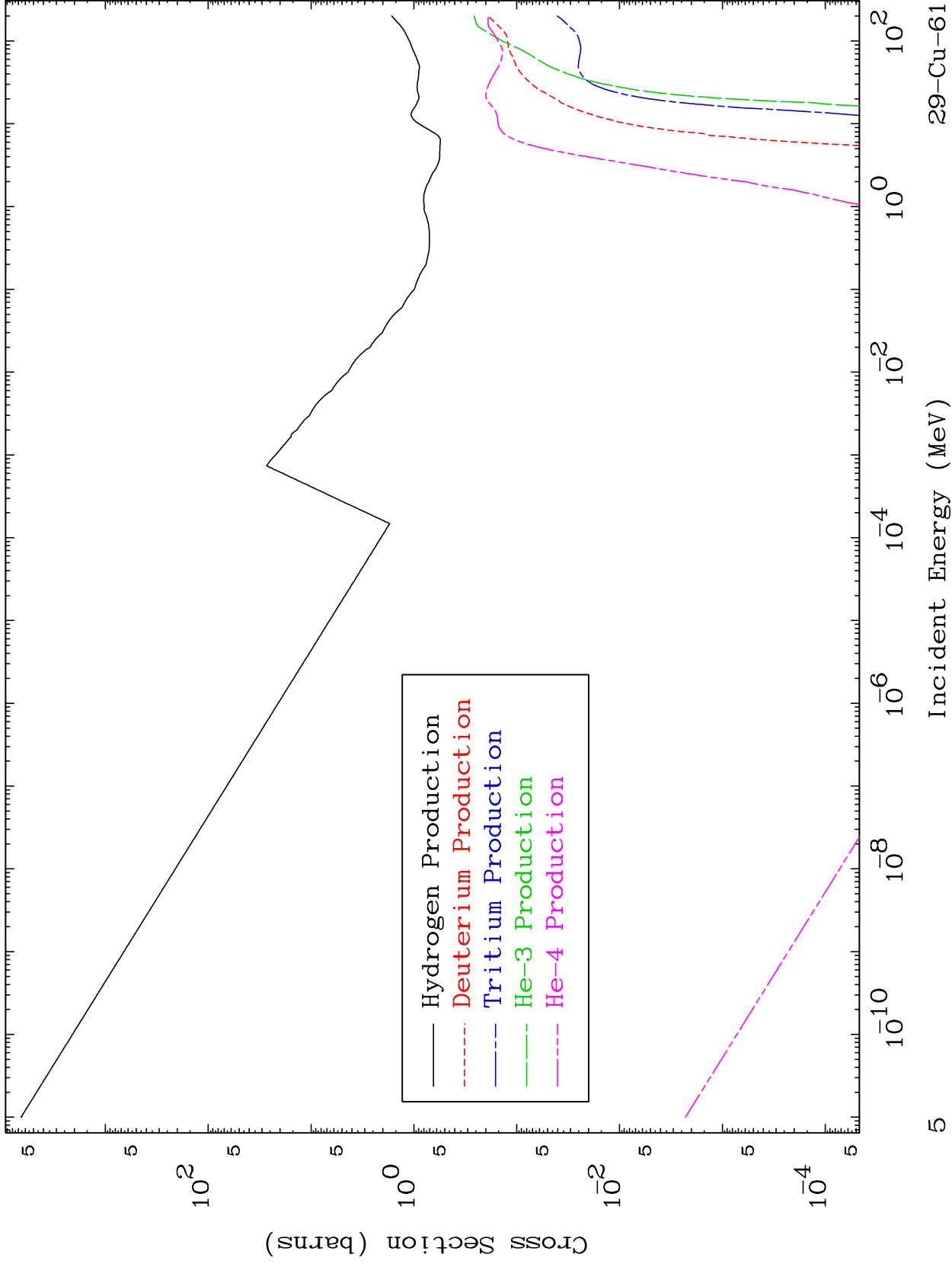
29-Cu-61



MAT 2919

Particle Production
293 Kelvin Cross Sections

29-Cu-61

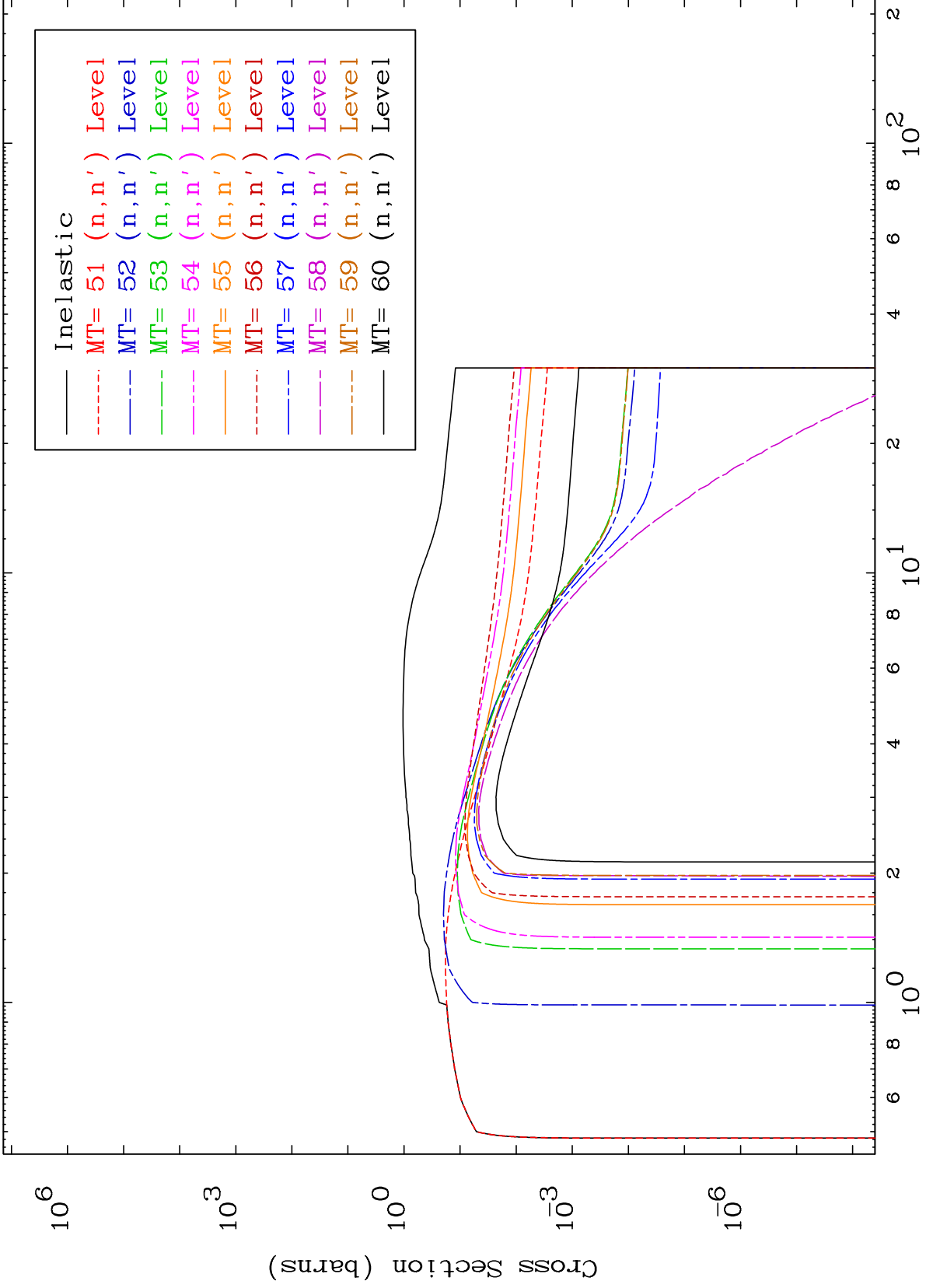


MAT 2919

(n,n') Level

29-Cu-61

293 Kelvin Cross Sections



6

Incident Energy (MeV)

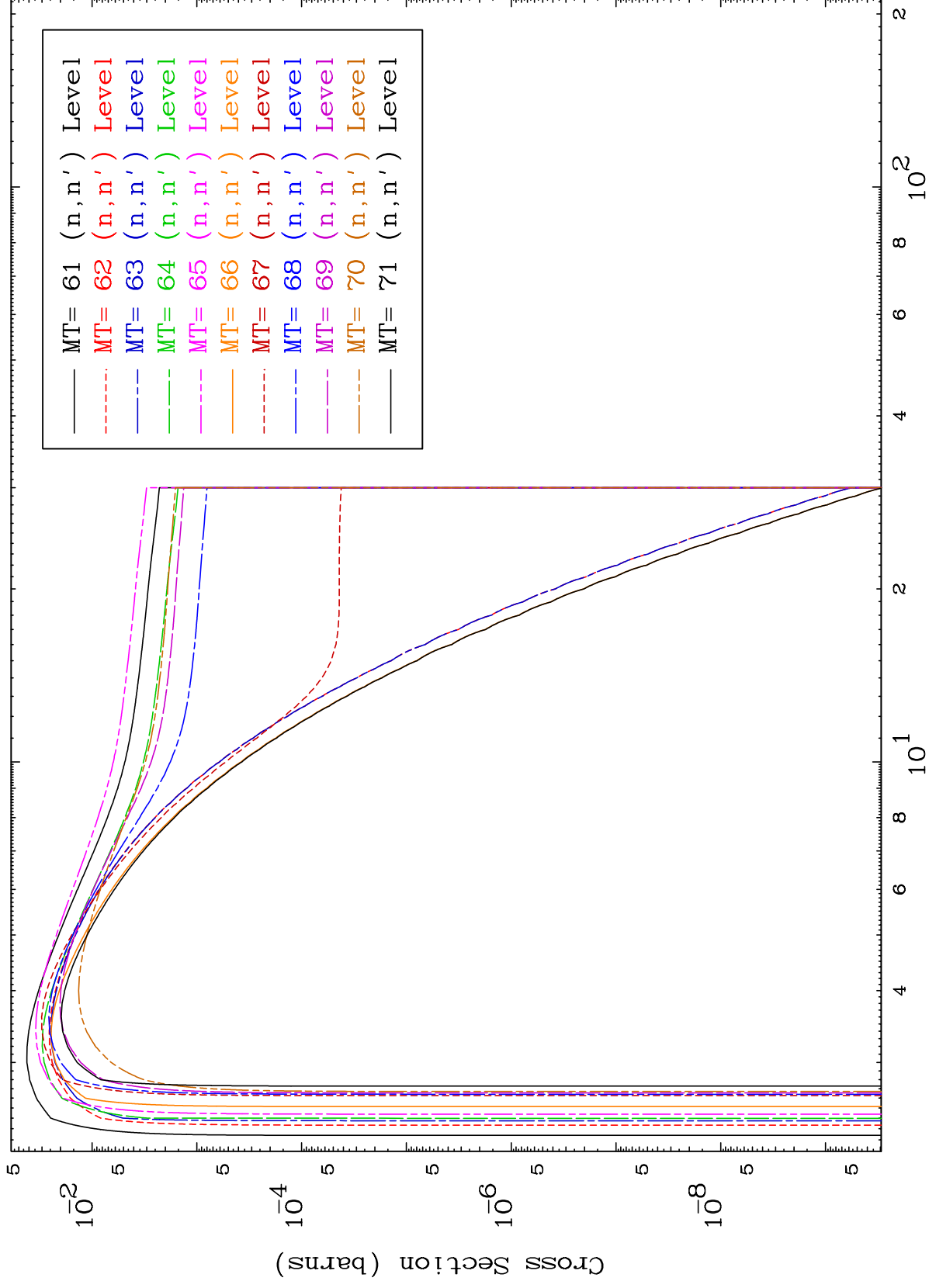
29-Cu-61

MAT 2919

(n,n') Level

29-Cu-61

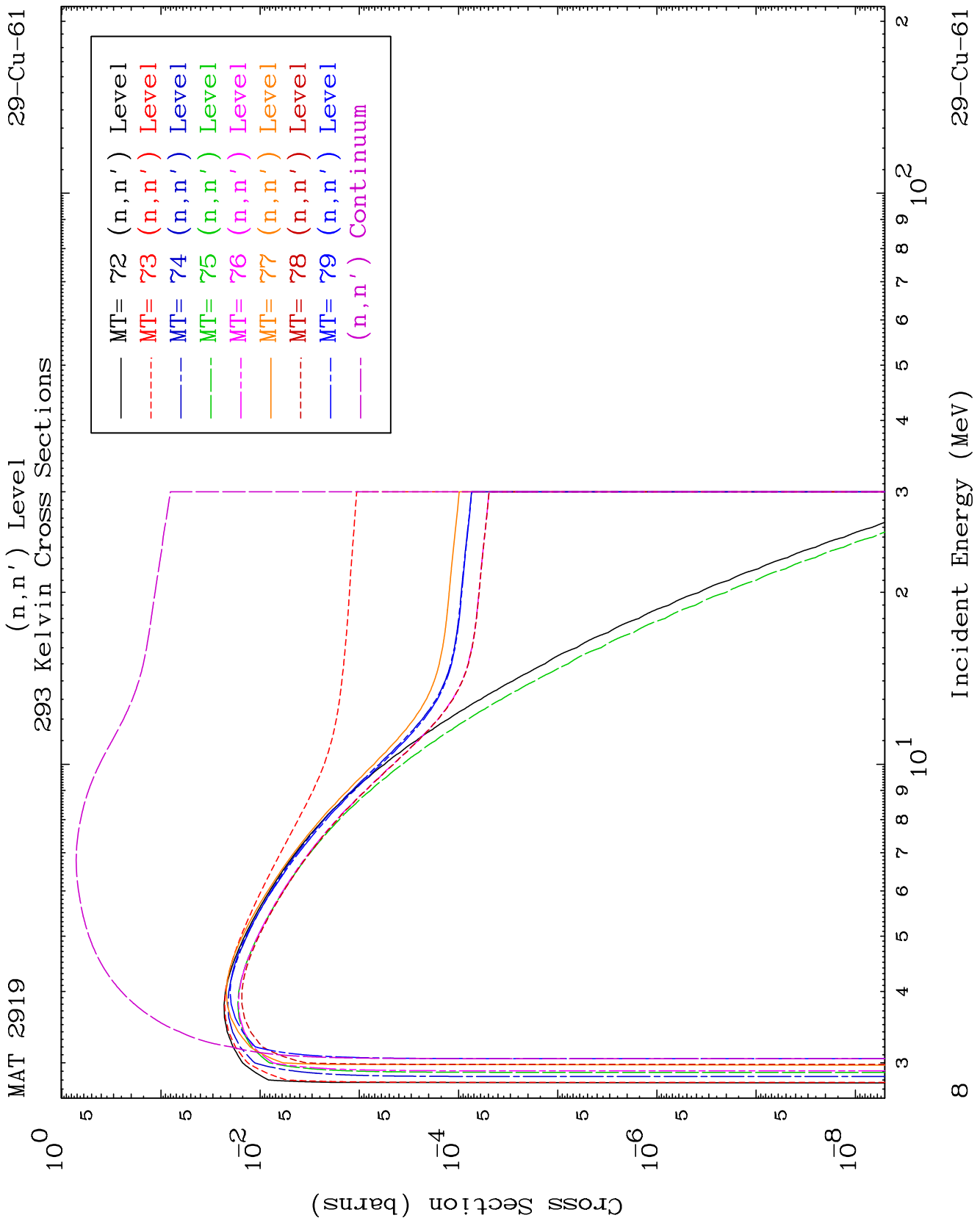
293 Kelvin Cross Sections



7

Incident Energy (MeV)

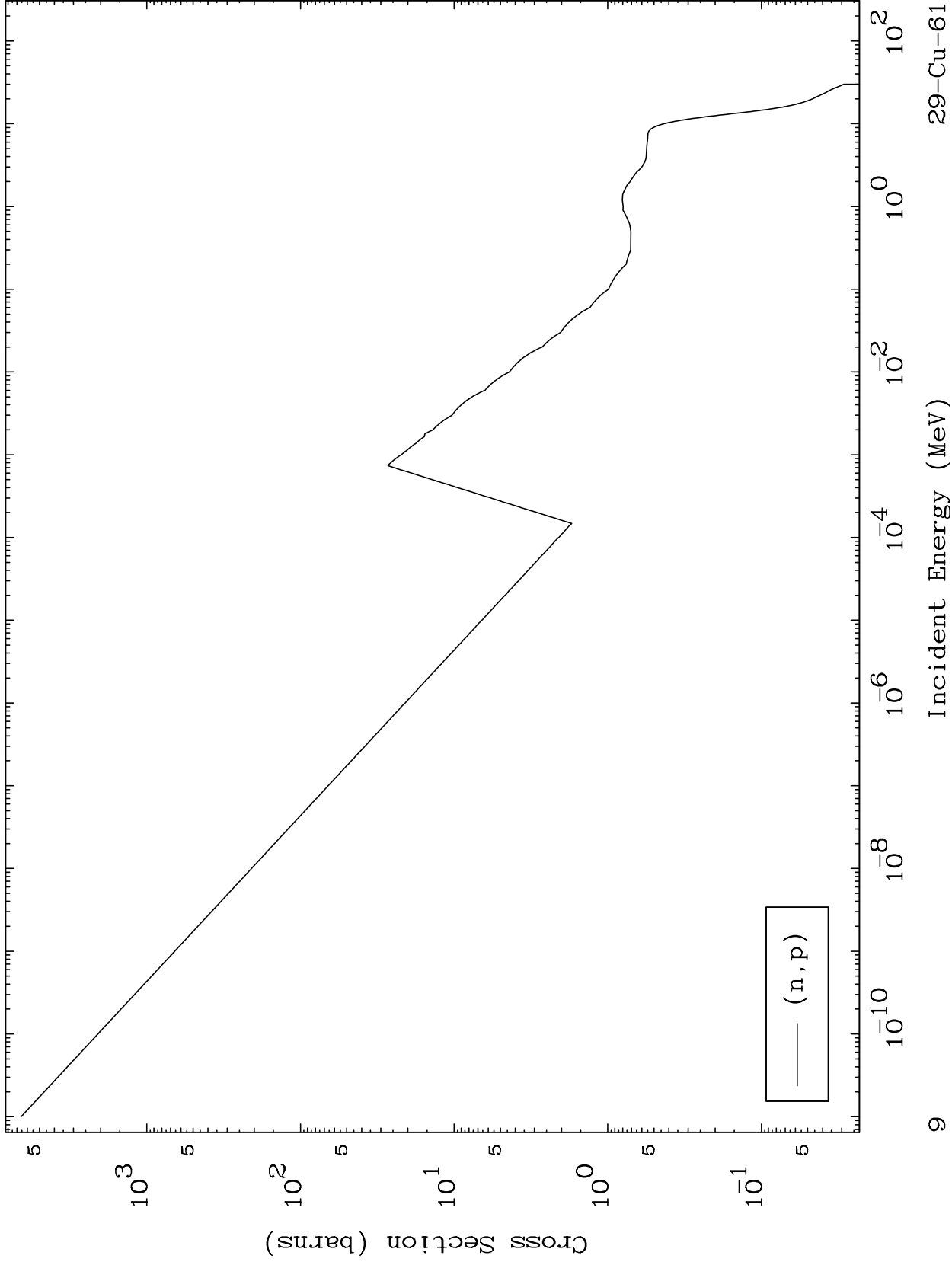
29-Cu-61



MAT 2919

(n,p) Levels
293 Kelvin Cross Sections

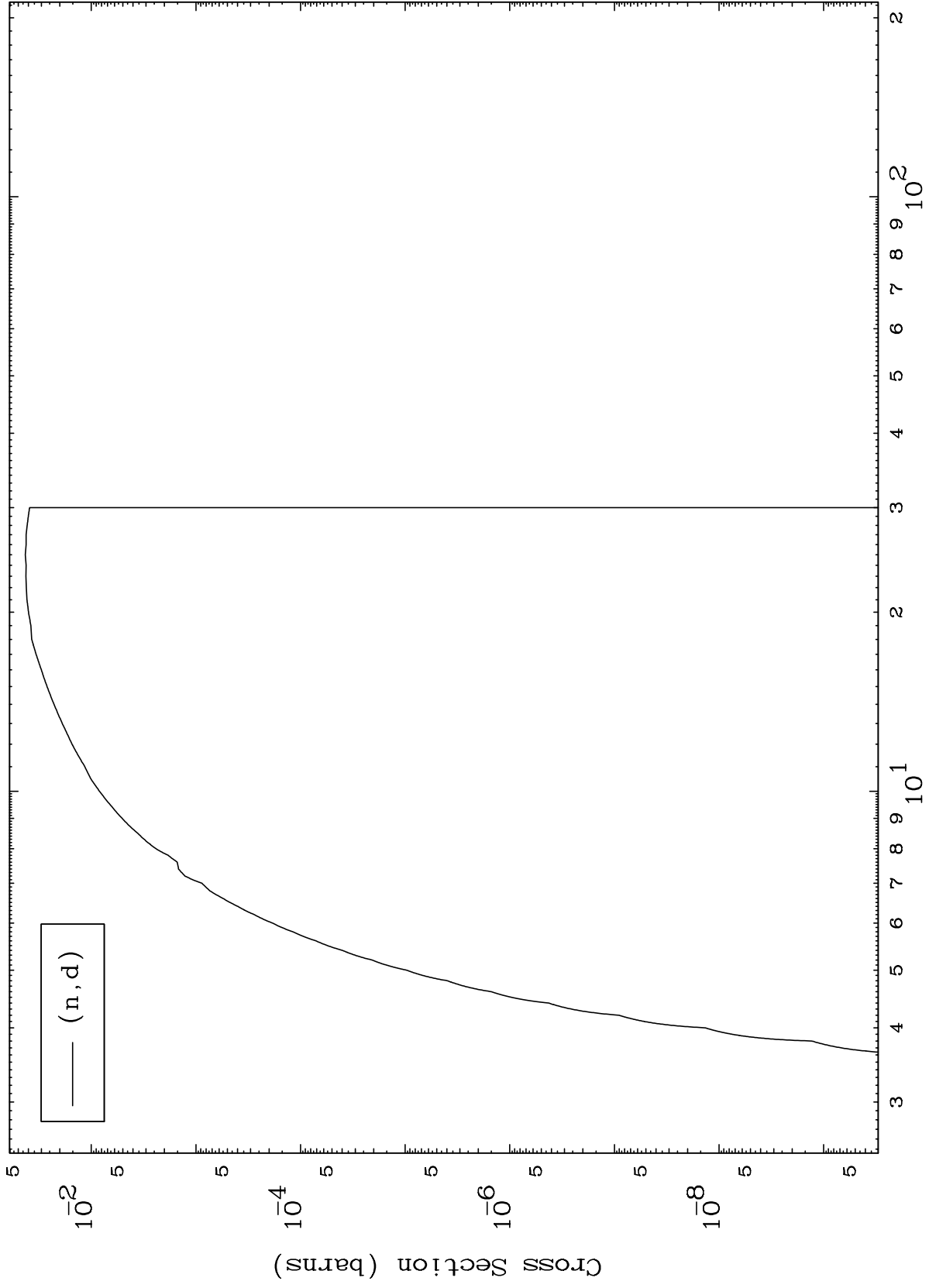
29-Cu-61



MAT 2919

(n,d) Levels
293 Kelvin Cross Sections

29-Cu-61



10

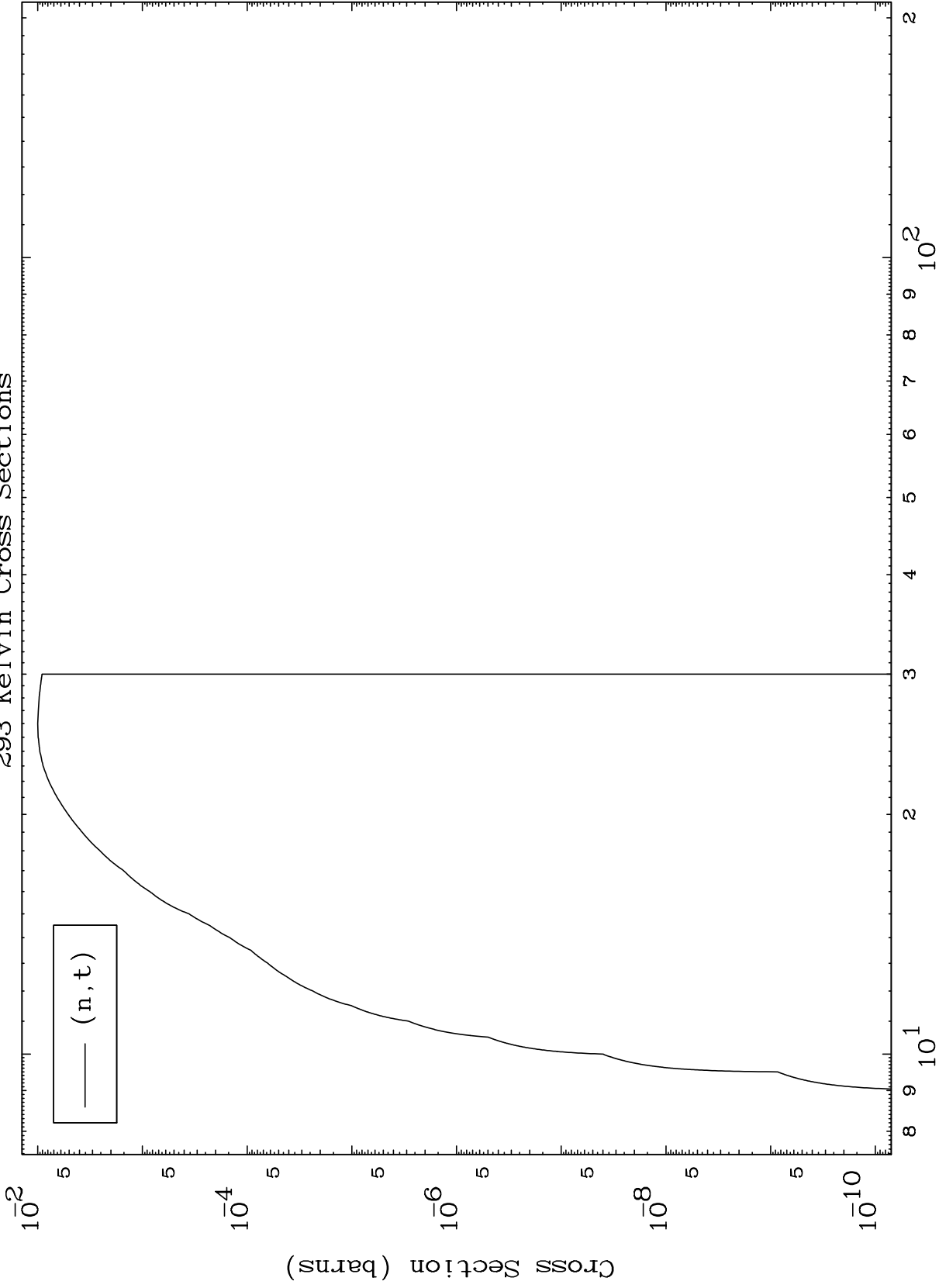
Incident Energy (MeV)

29-Cu-61

MAT 2919

(n,t) Levels
293 Kelvin Cross Sections

29-Cu-61



11

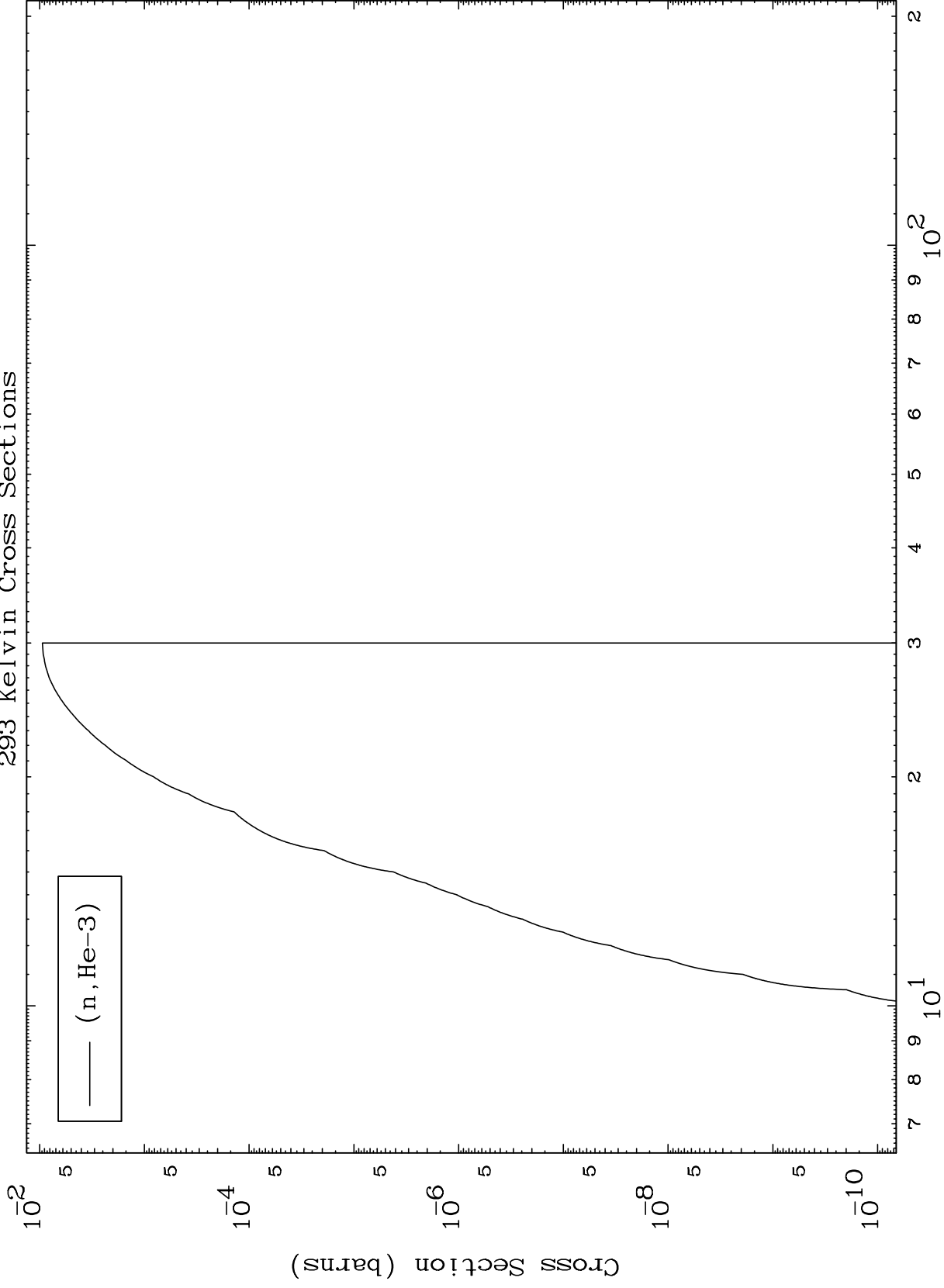
Incident Energy (MeV)

29-Cu-61

MAT 2919

(n,He3) Levels
293 Kelvin Cross Sections

29-Cu-61



12

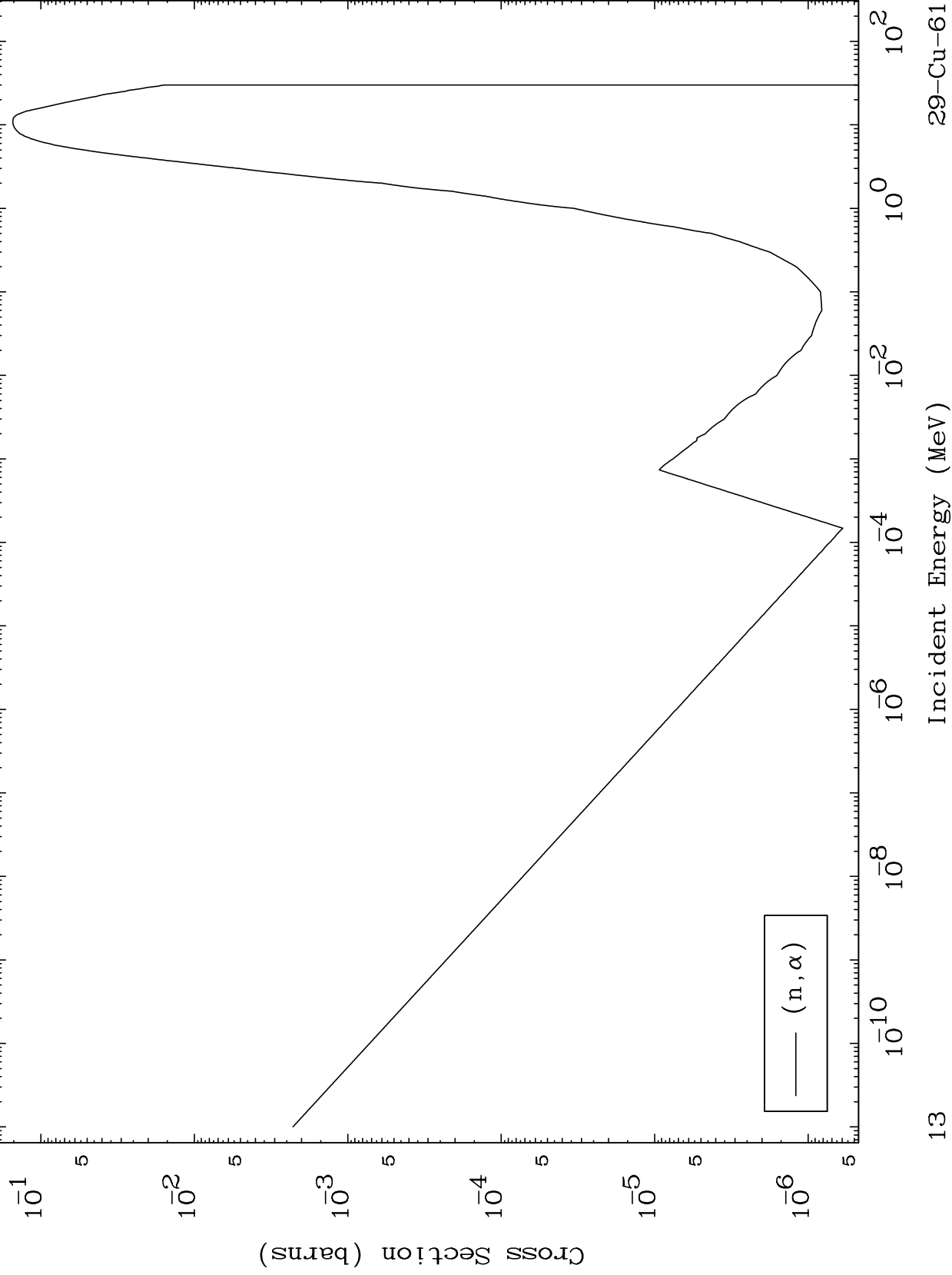
Incident Energy (MeV)

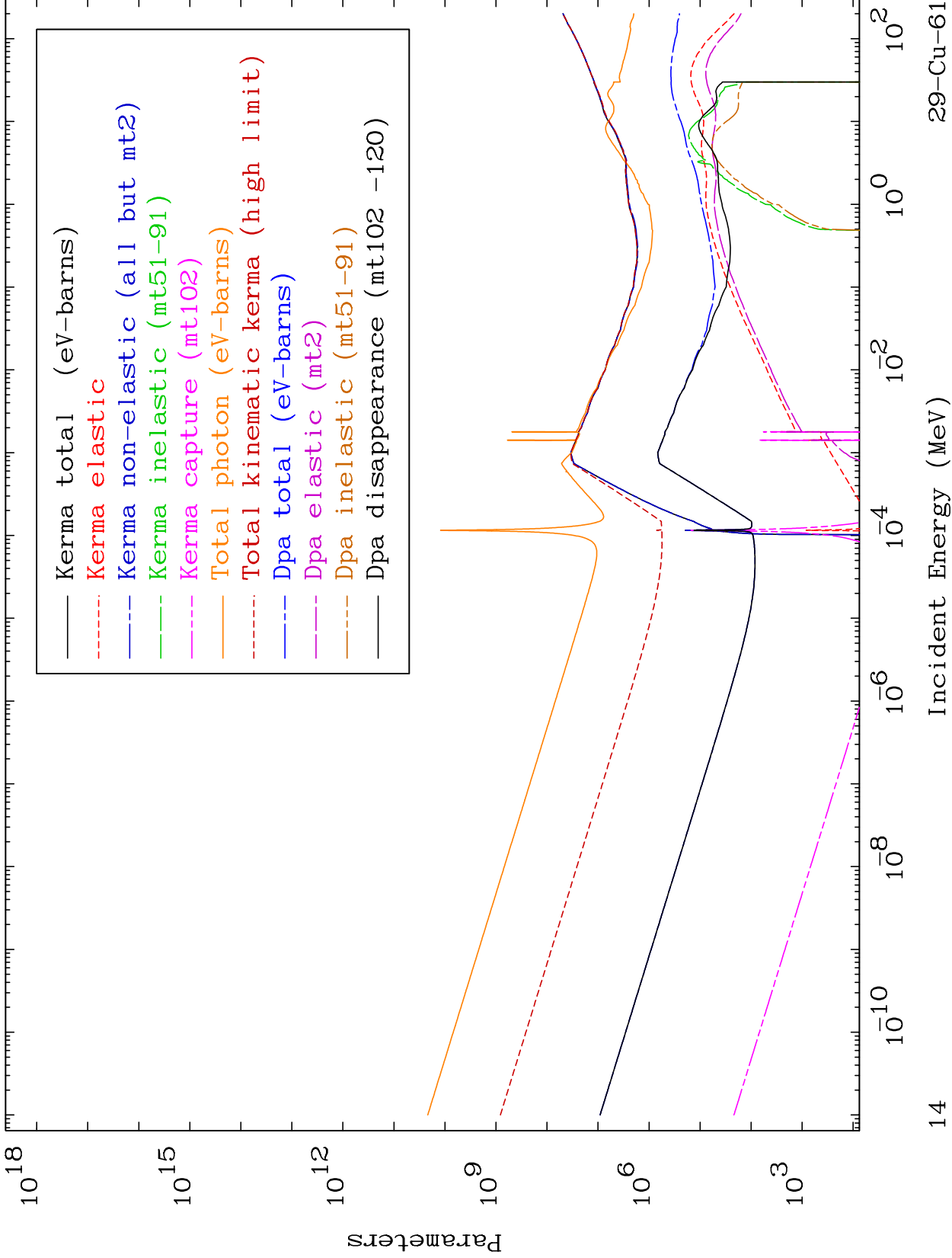
29-Cu-61

MAT 2919

(n,α) Levels
293 Kelvin Cross Sections

29-Cu-61

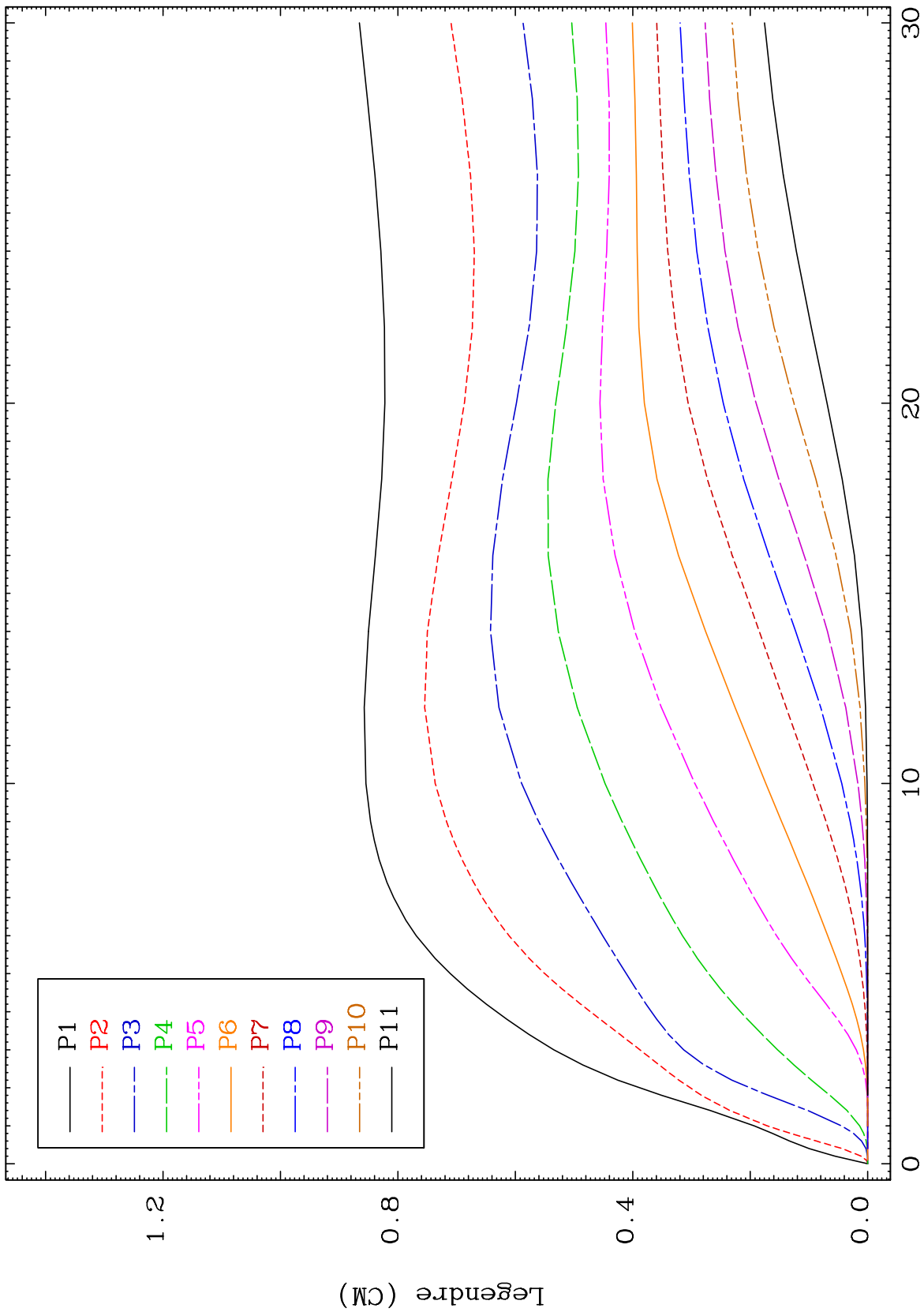




MAT 2919

Elastic Legendre Coefficients

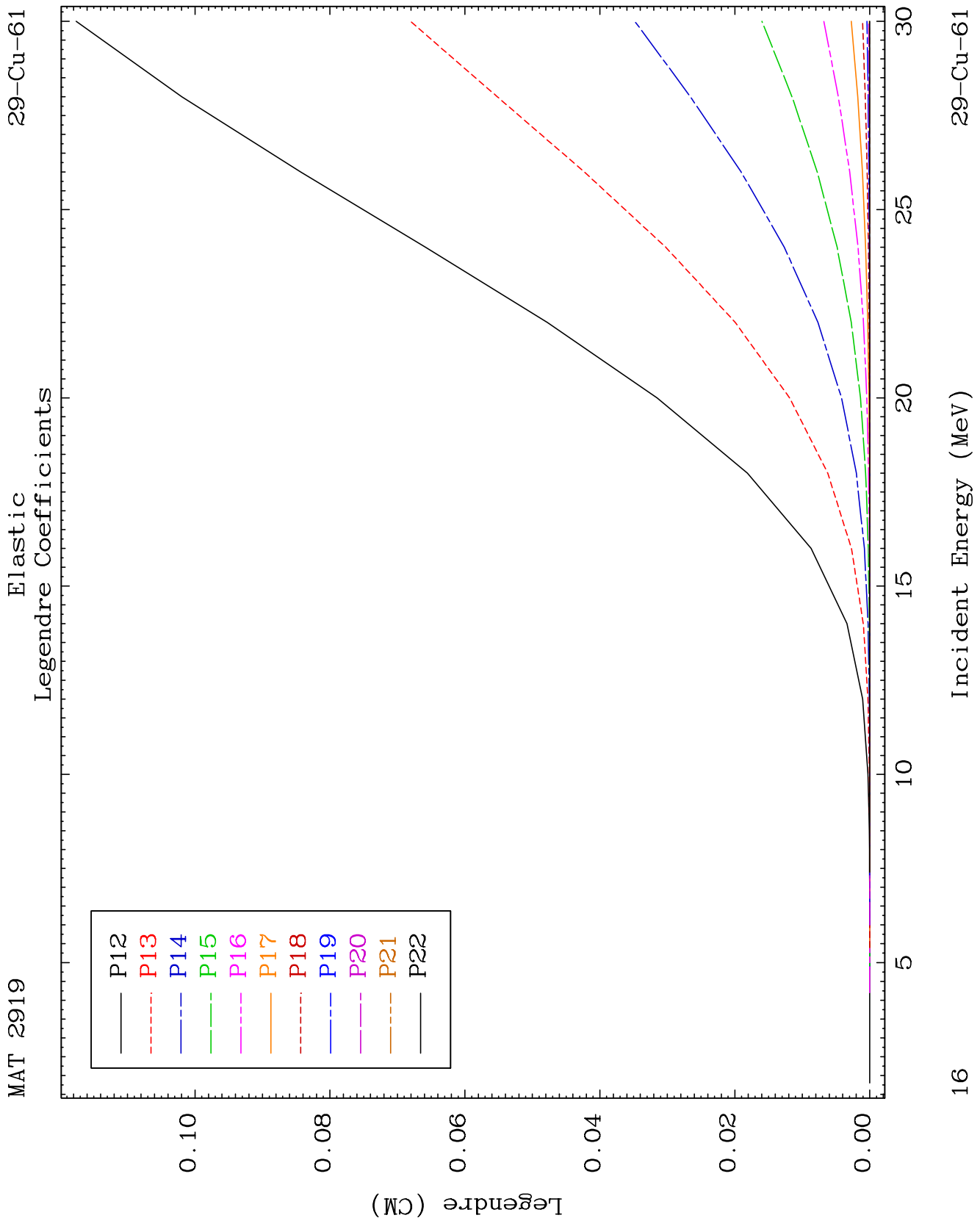
29-Cu-61



15

Incident Energy (MeV)

29-Cu-61



MAT 2919

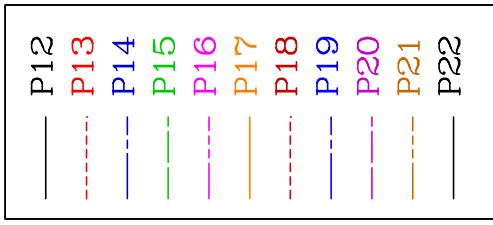
Elastic Legendre Coefficients

29-Cu-61

16

29-Cu-61

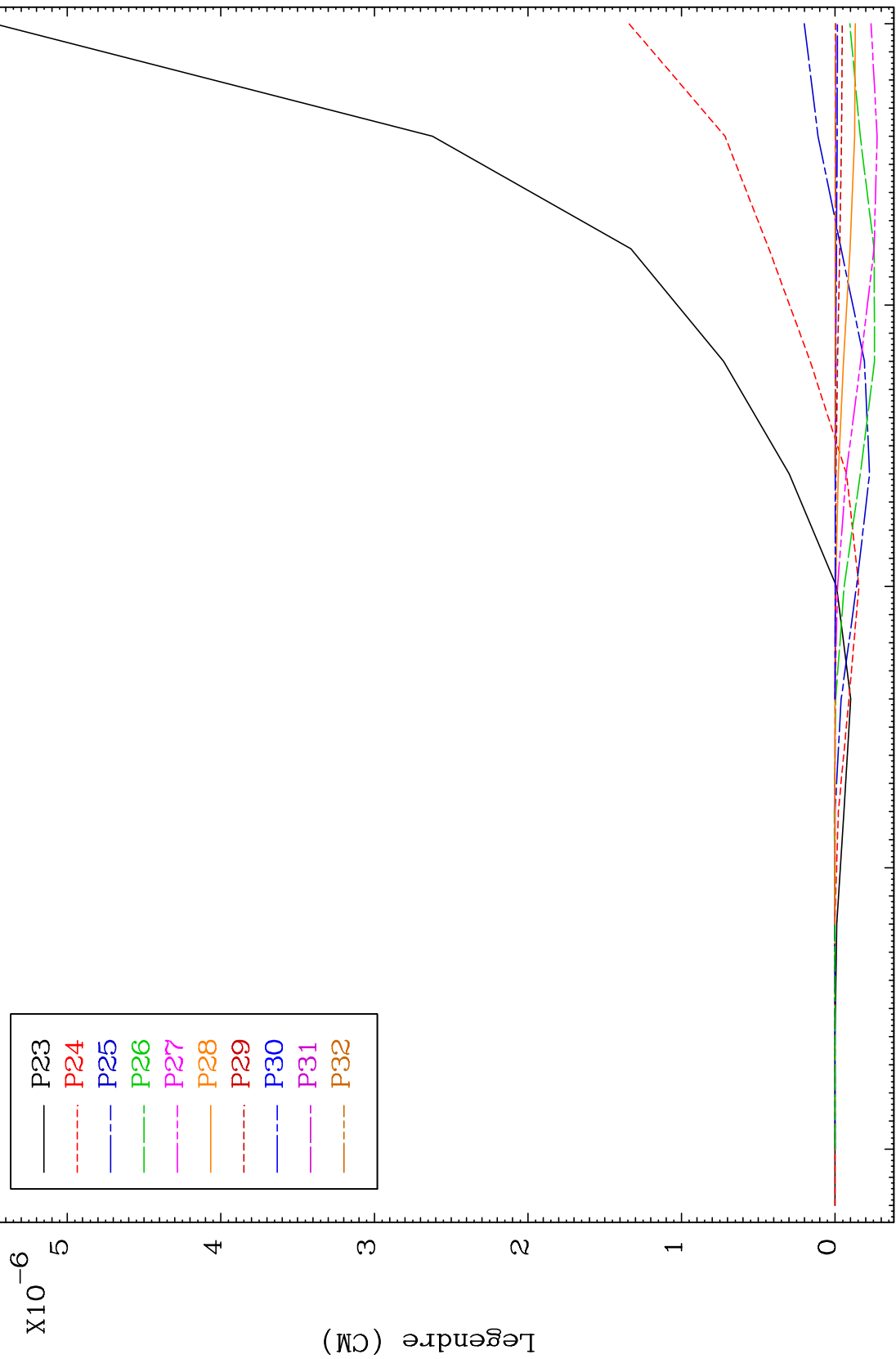
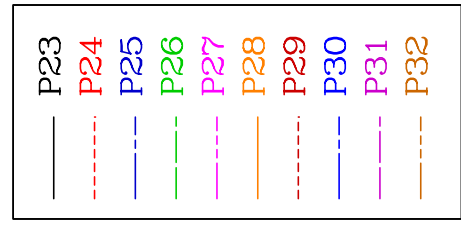
Incident Energy (MeV)



MAT 2919

Elastic Legendre Coefficients

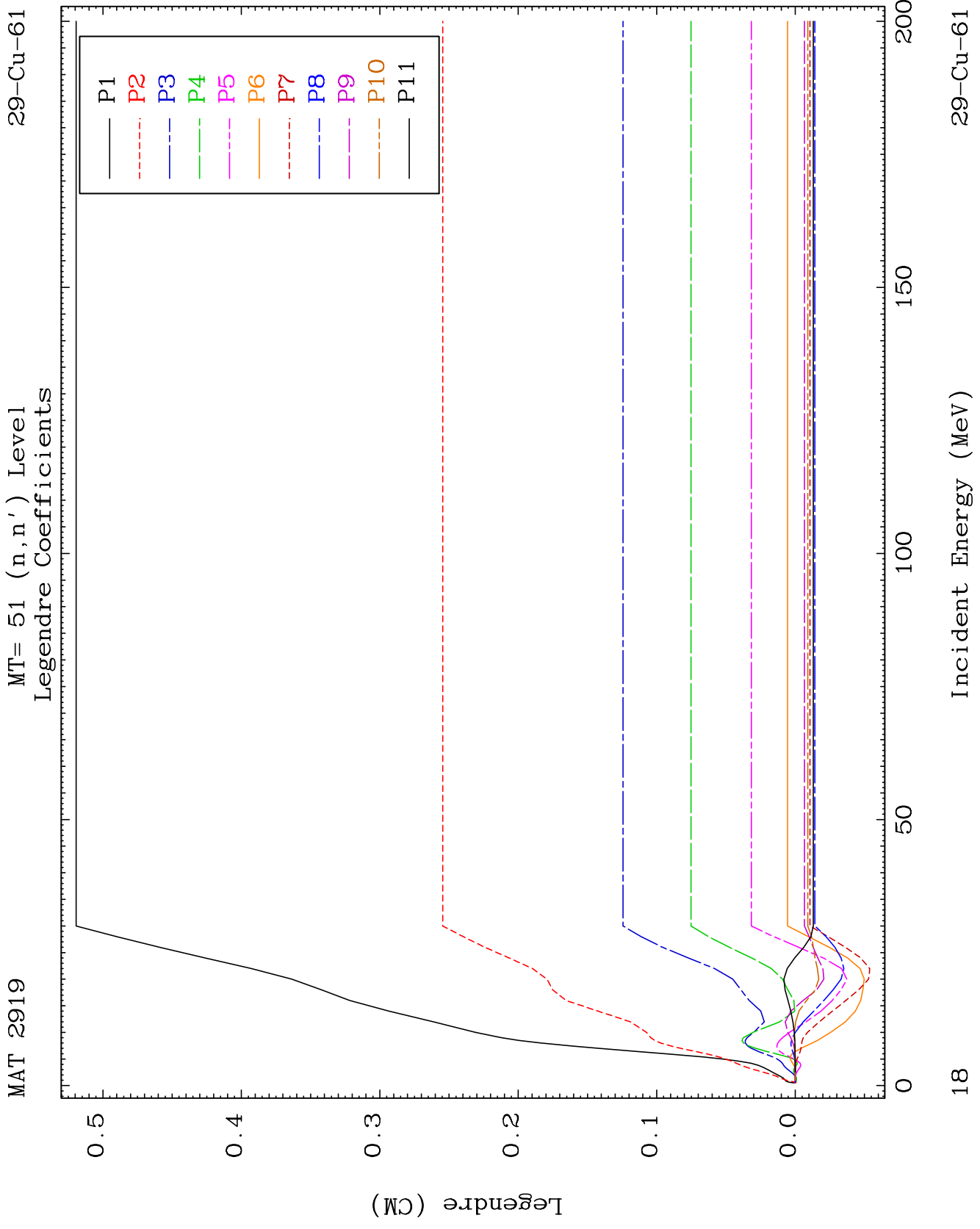
29-Cu-61



17

Incident Energy (MeV)

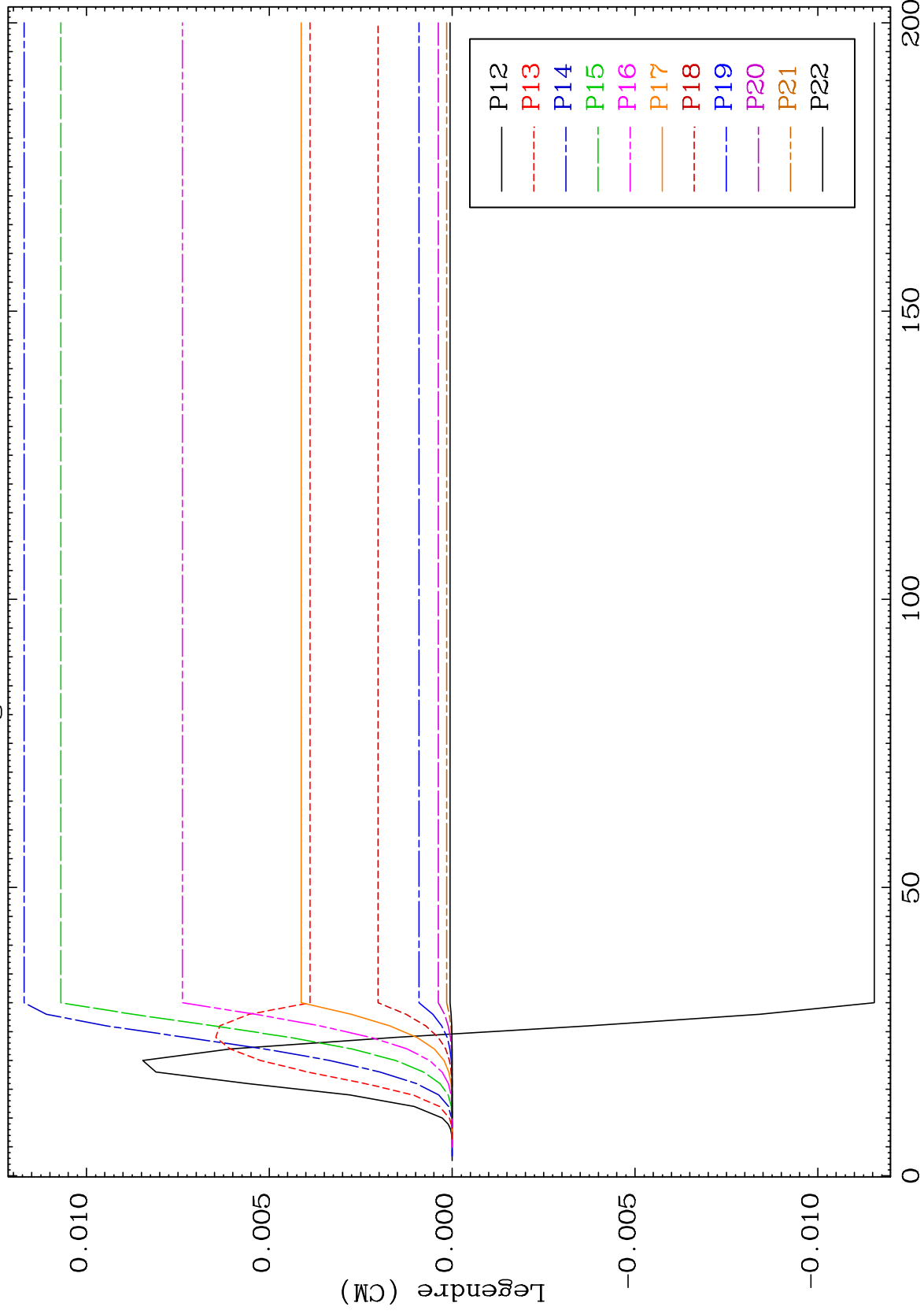
29-Cu-61



MAT 2919

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

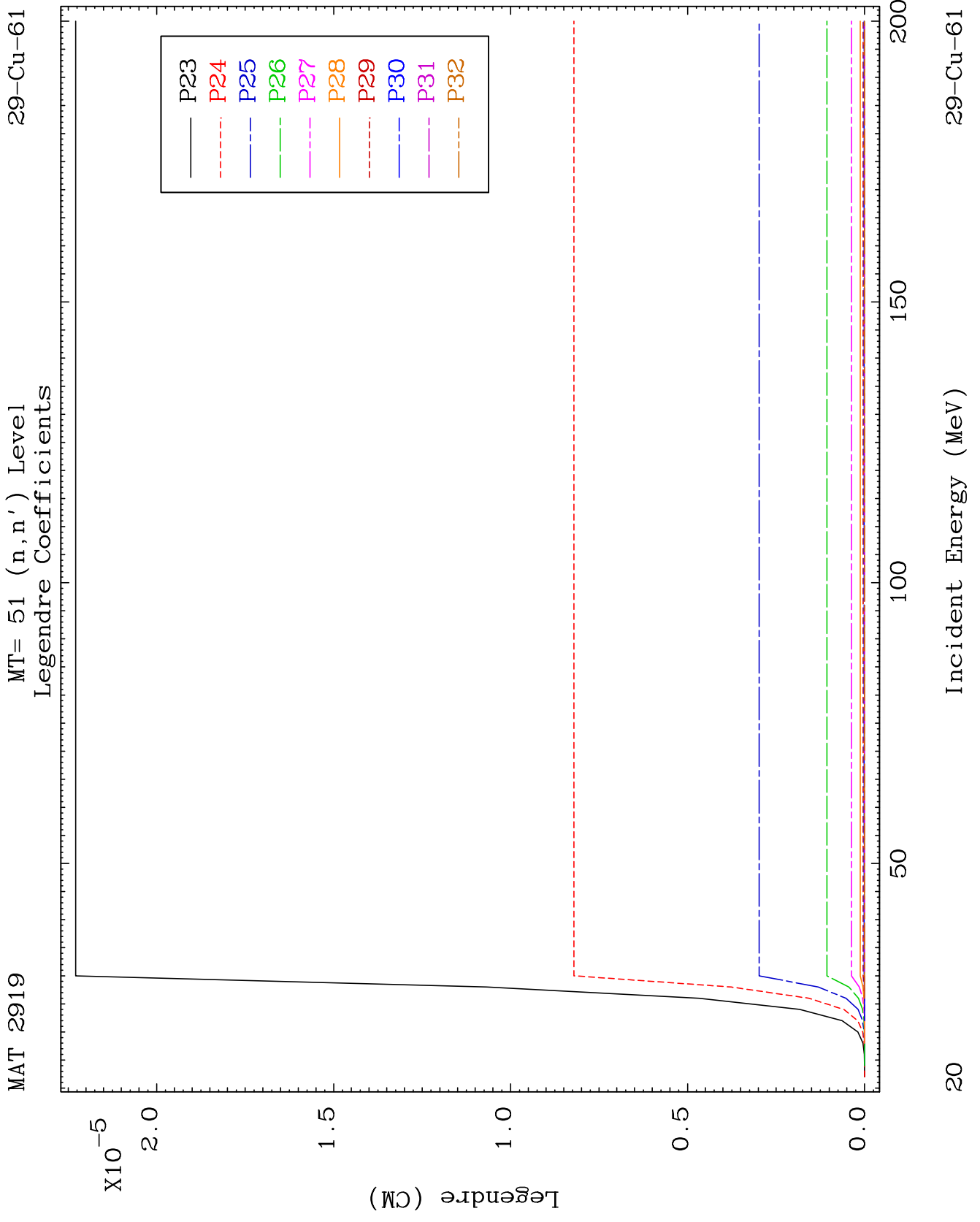
29-Cu-61



19

Incident Energy (MeV)

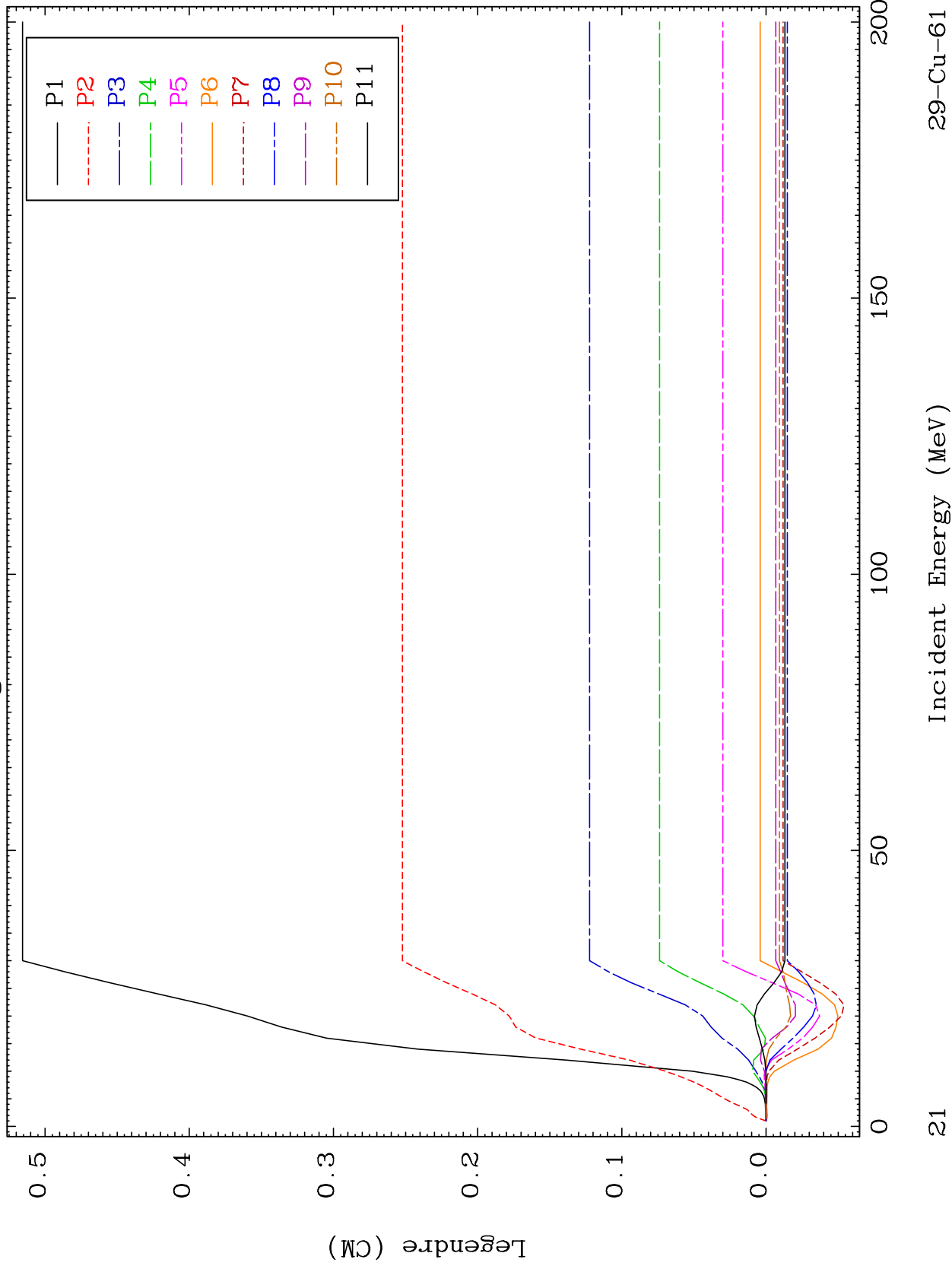
29-Cu-61



MAT 2919

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

29-Cu-61

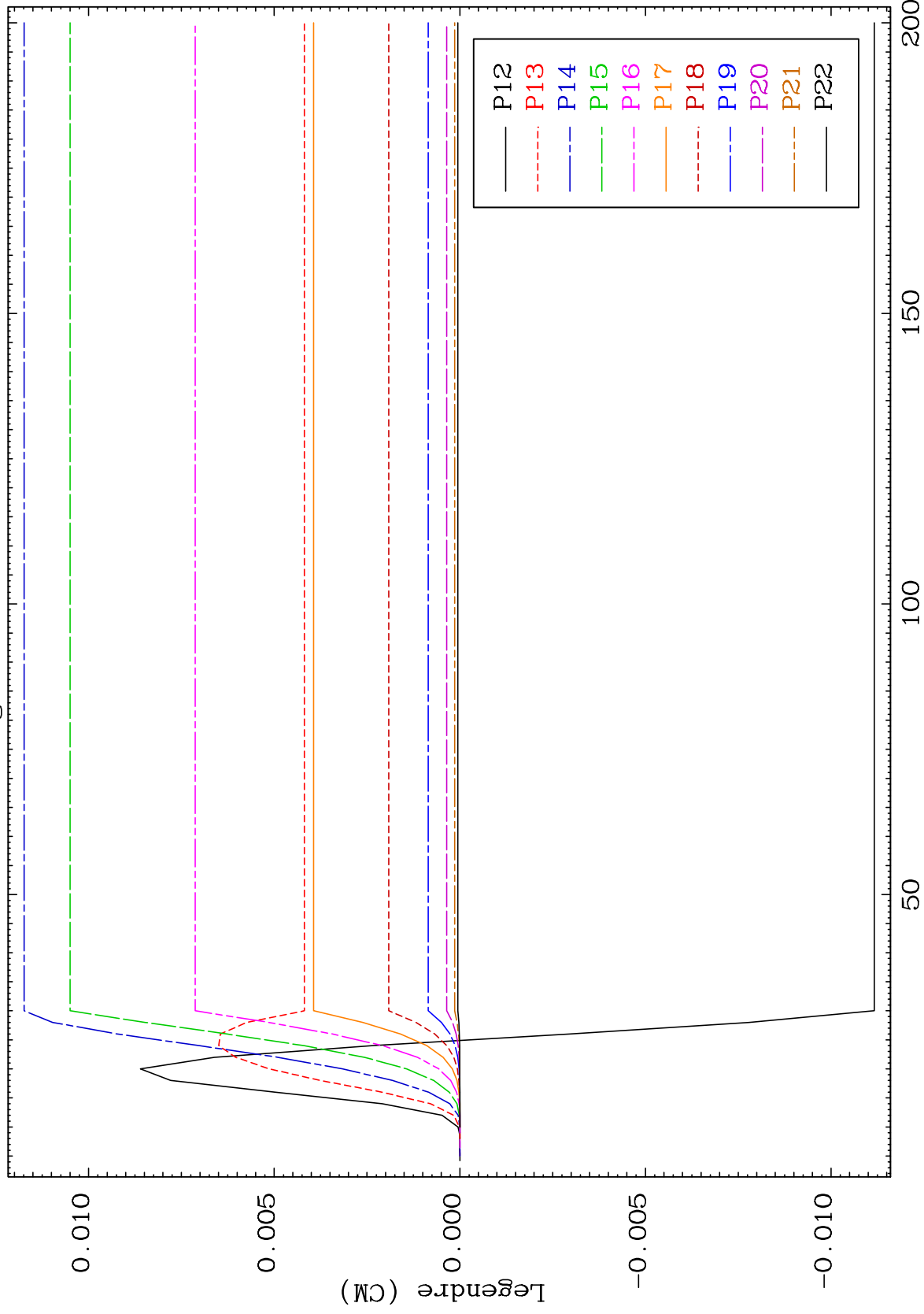


21

MAT 2919

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

29-Cu-61



22

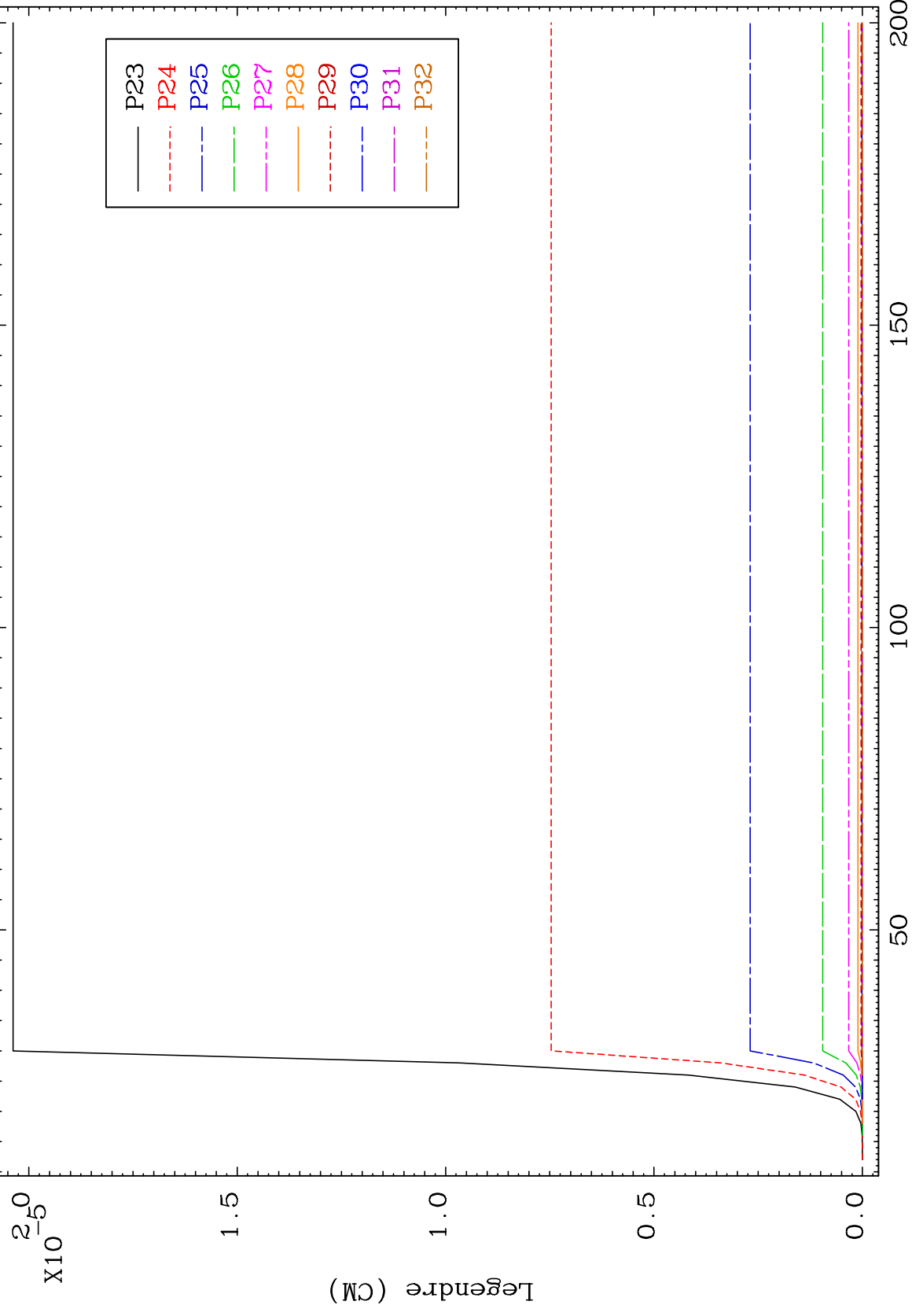
Incident Energy (MeV)

29-Cu-61

MAT 2919

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

29-Cu-61



23

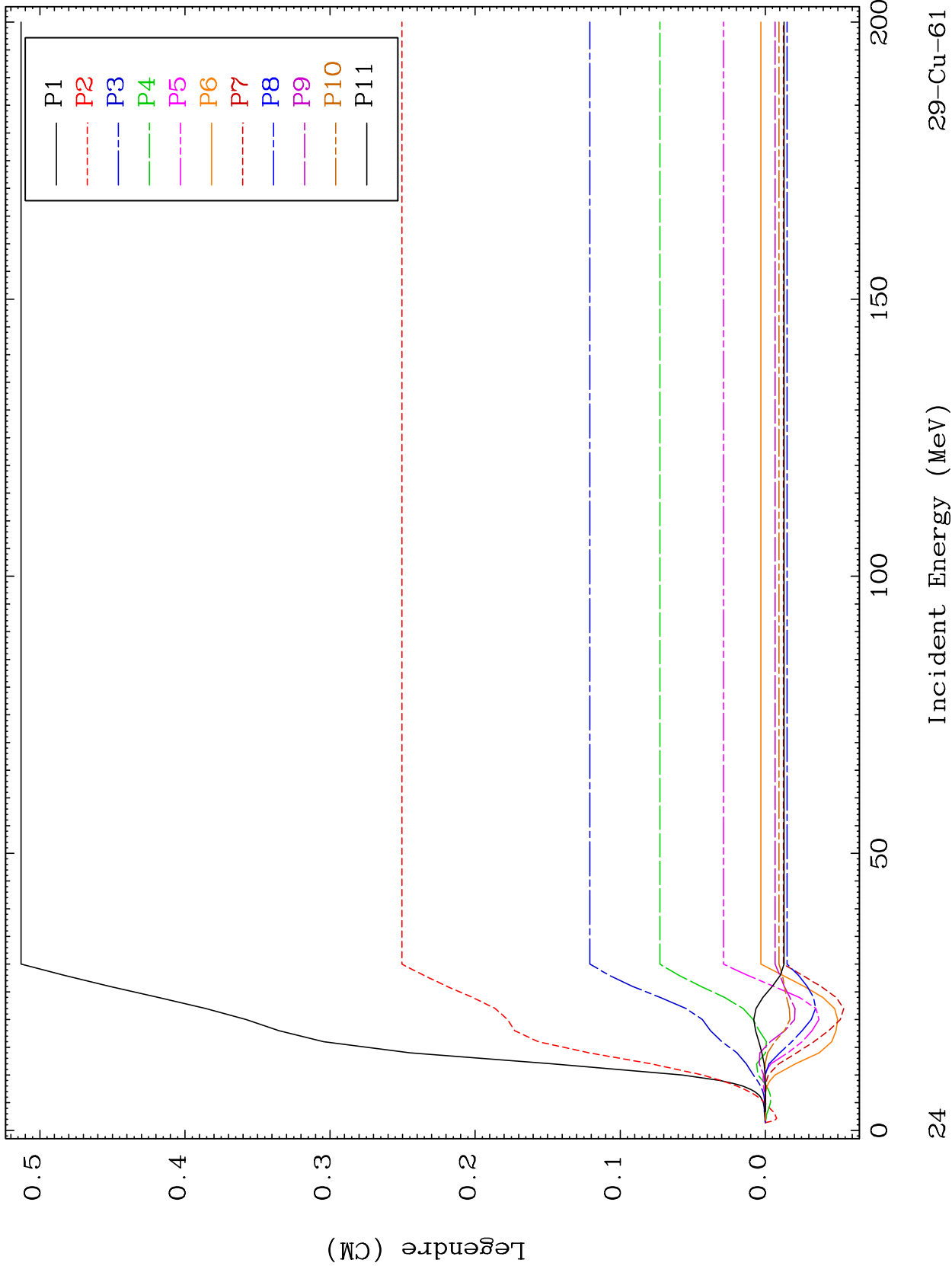
Incident Energy (MeV)

29-Cu-61

MAT 2919

MT= 53 (n,n') Level
Legendre Coefficients

29-Cu-61



24

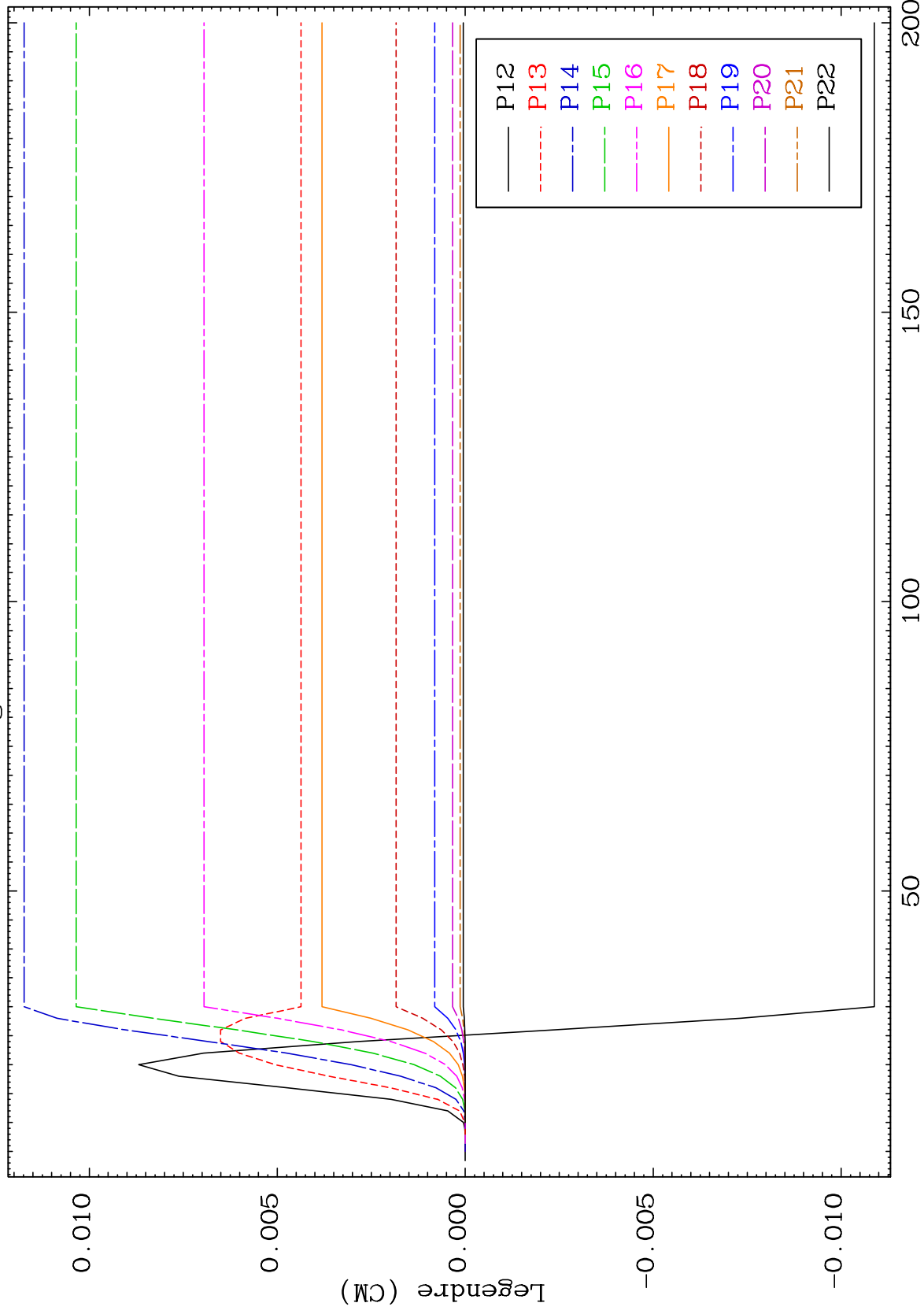
Incident Energy (MeV)

29-Cu-61

MAT 2919

MT= 53 (n,n') Level
Legendre Coefficients

29-Cu-61



25

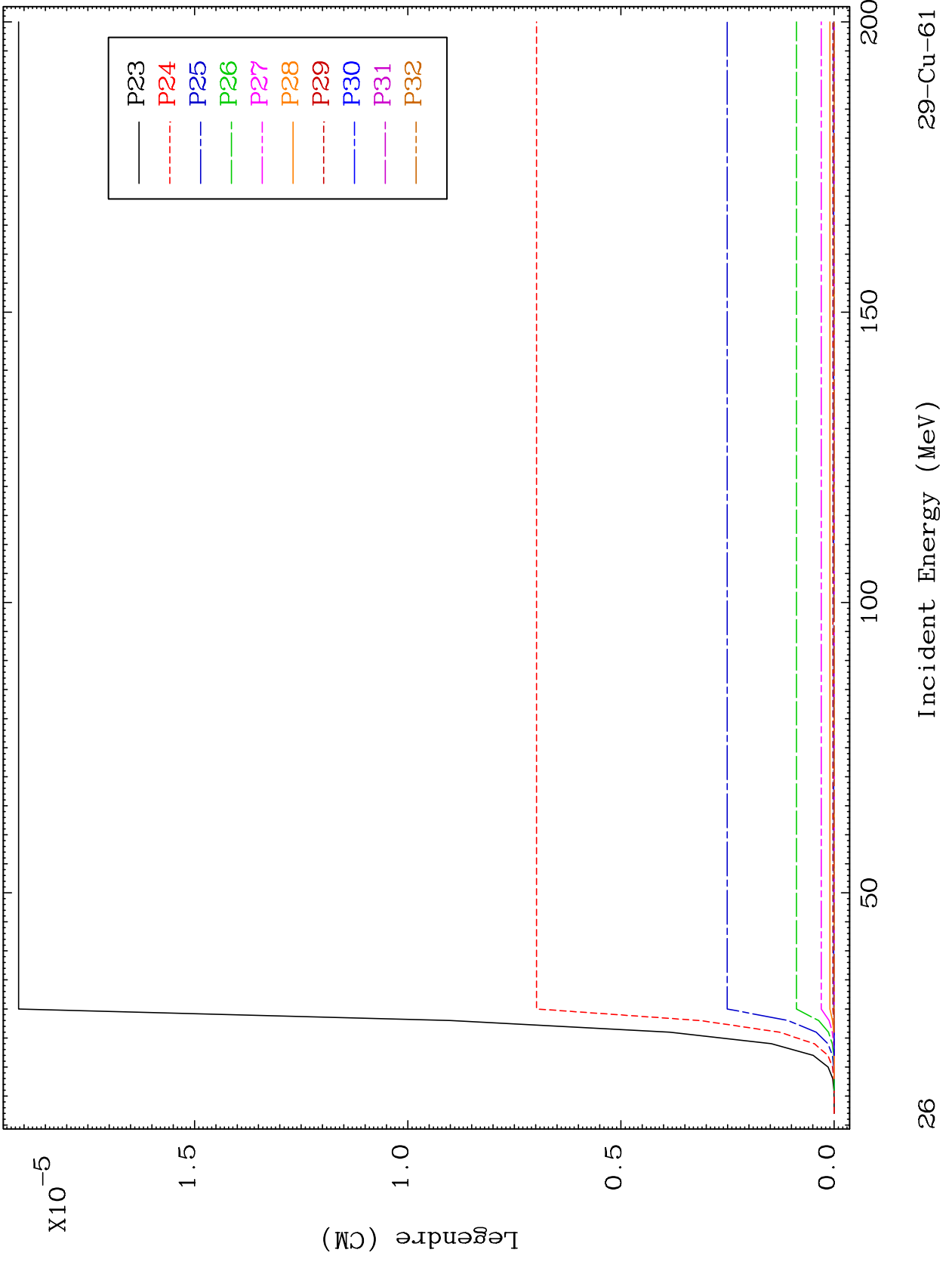
Incident Energy (MeV)

29-Cu-61

MAT 2919

MT= 53 (n,n') Level
Legendre Coefficients

29-Cu-61

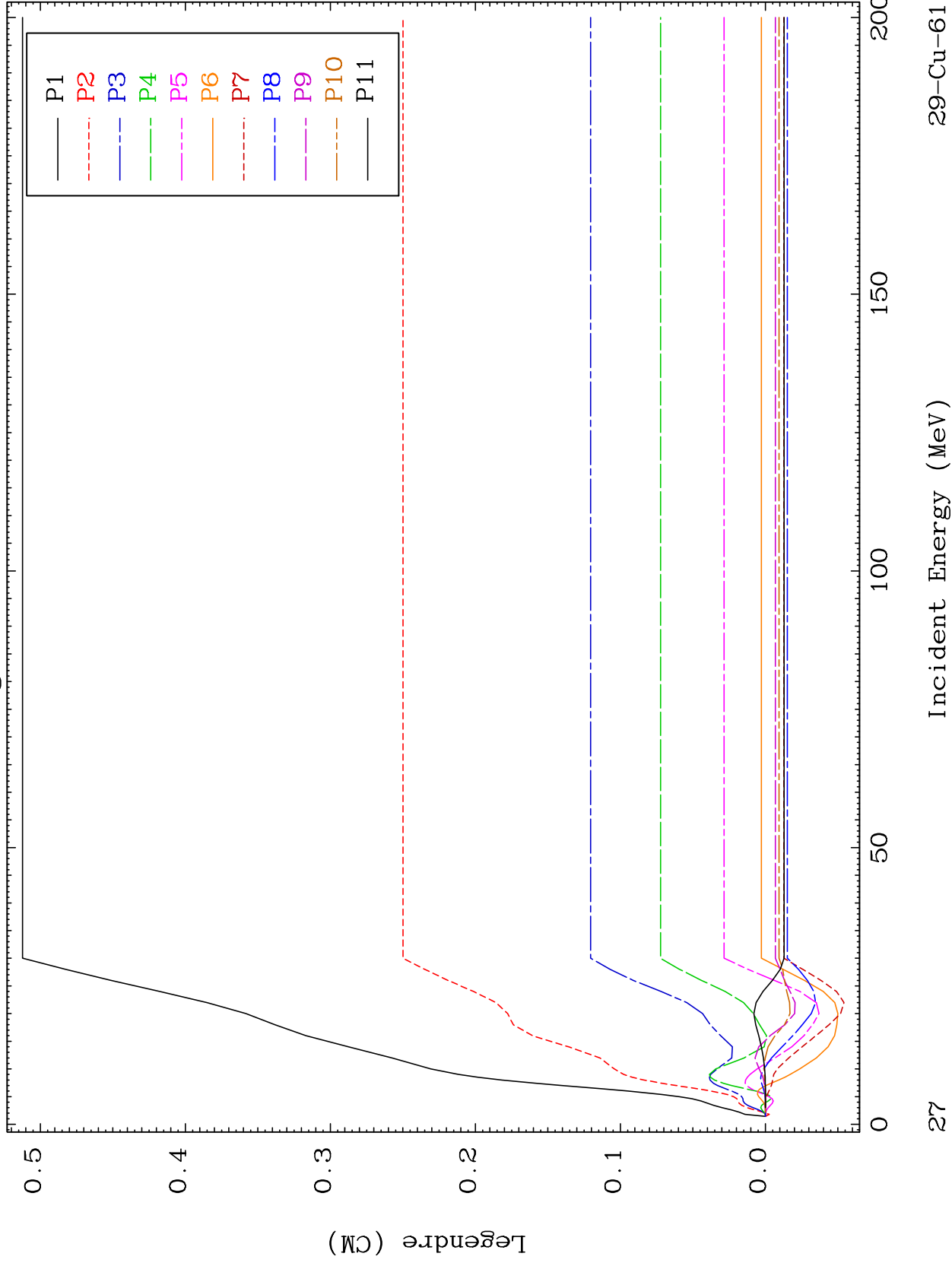


26

MAT 2919

MT= 54 (n,n') Level
Legendre Coefficients

29-Cu-61



27

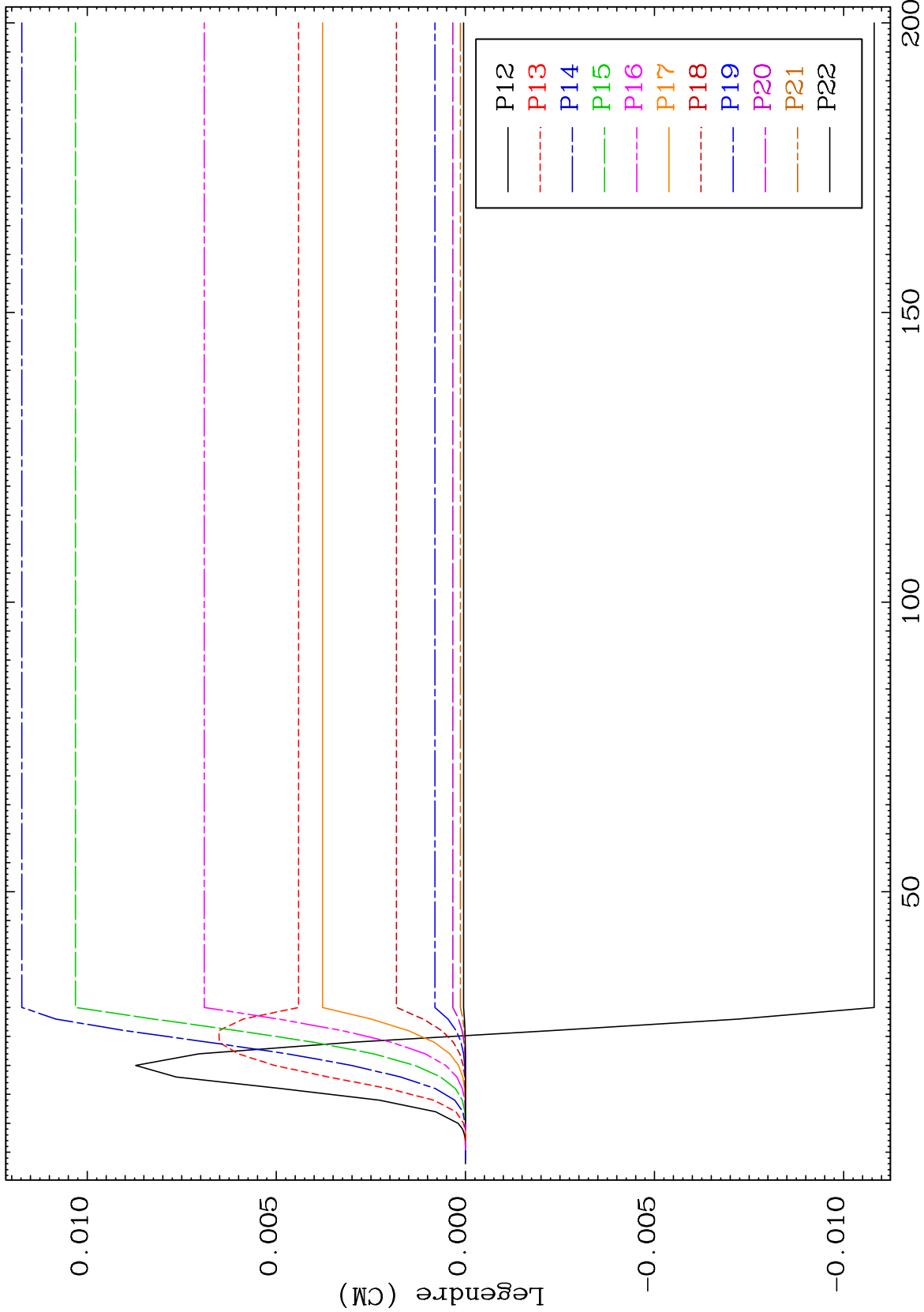
Incident Energy (MeV)

29-Cu-61

MAT 2919

MT= 54 (n,n') Level
Legendre Coefficients

29-Cu-61



28

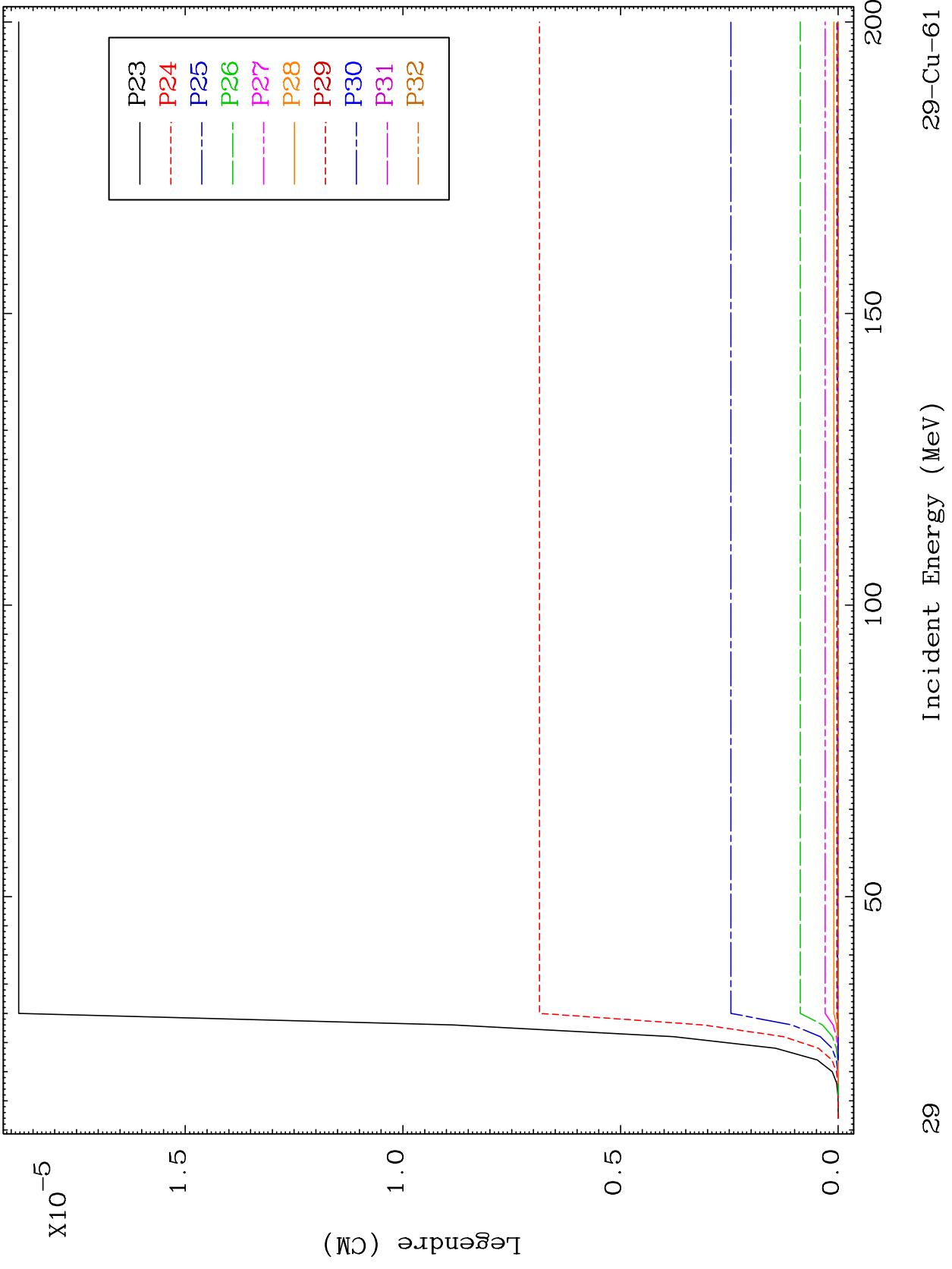
Incident Energy (MeV)

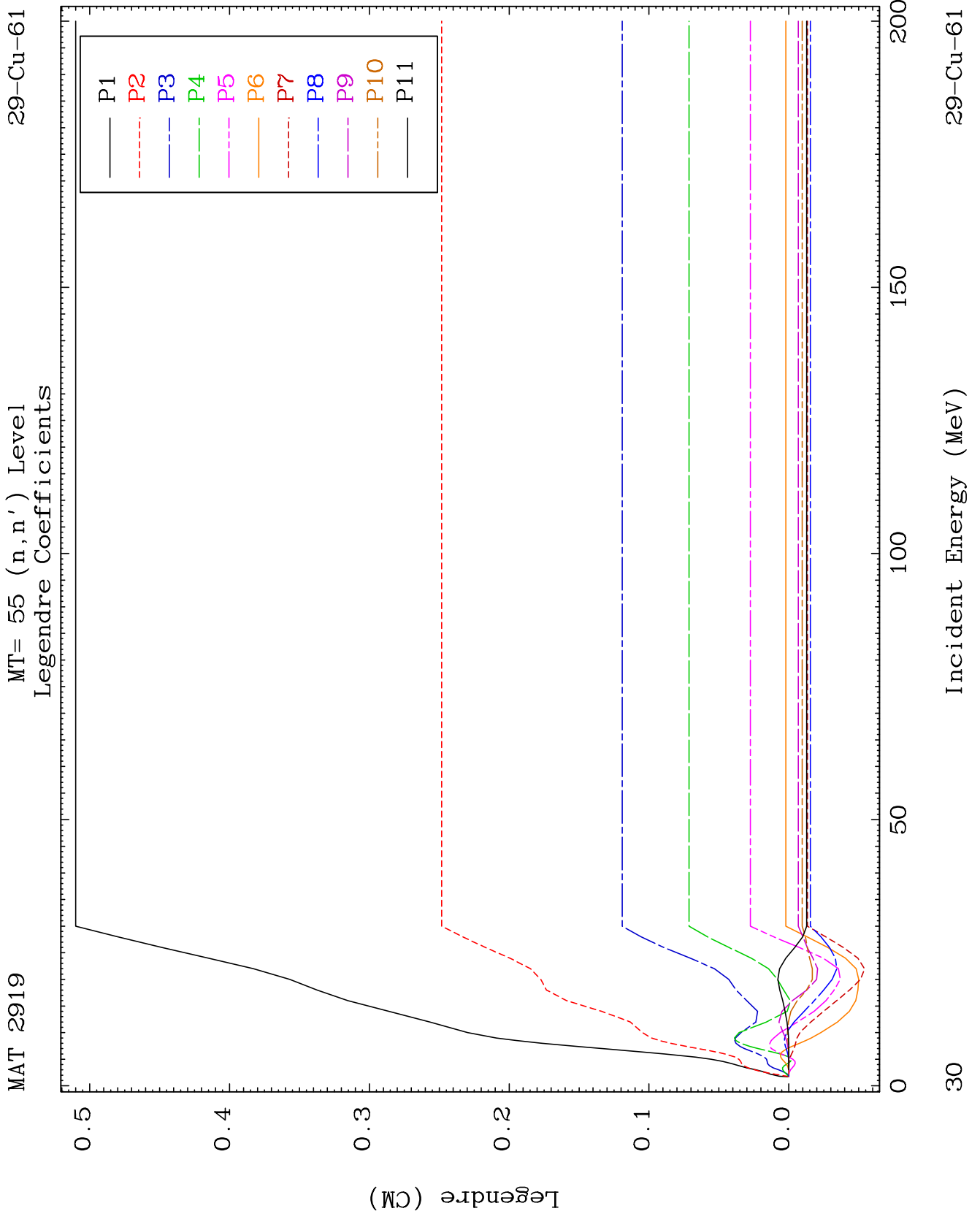
29-Cu-61

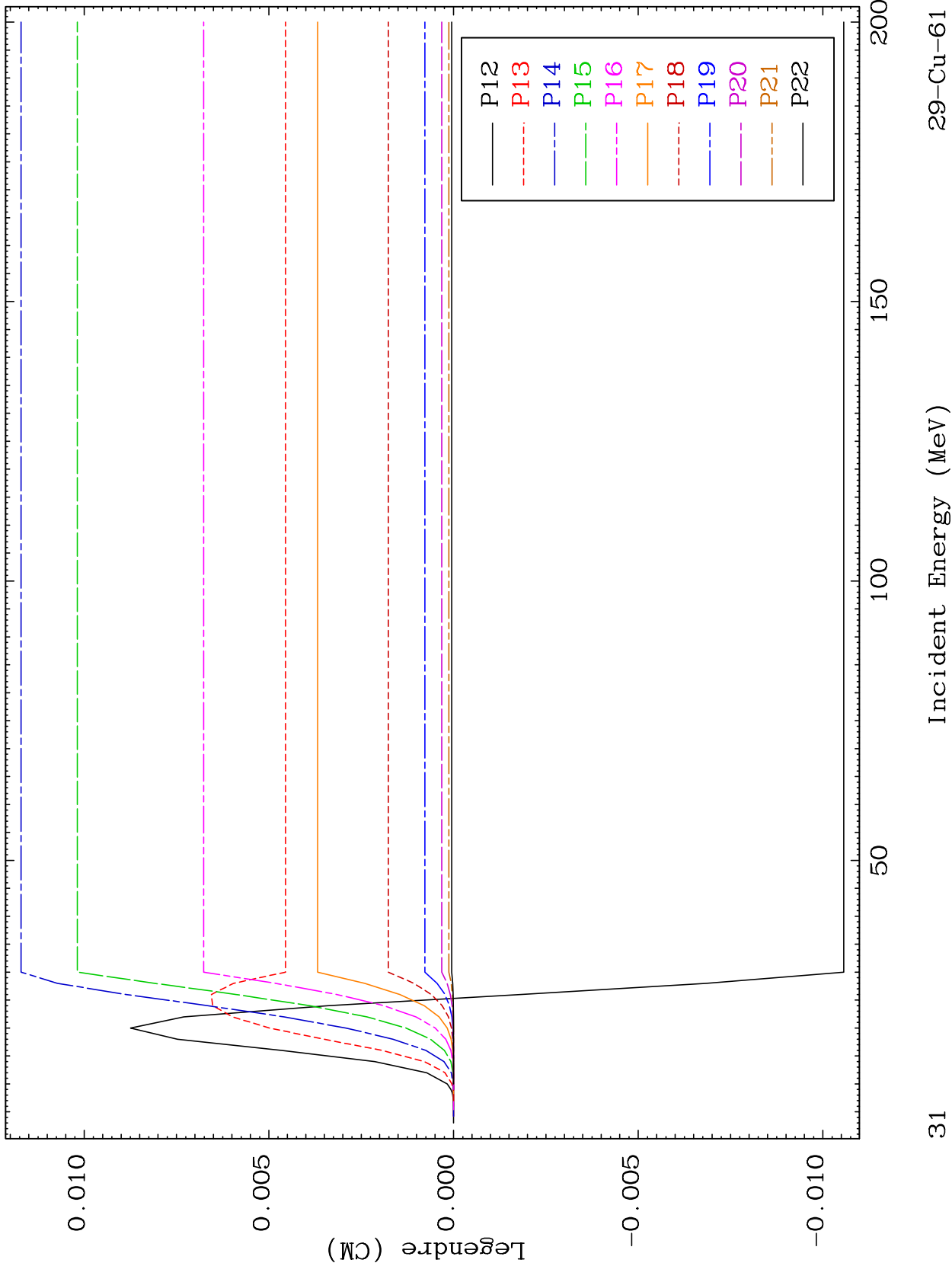
MAT 2919

MT= 54 (n,n') Level
Legendre Coefficients

29-Cu-61



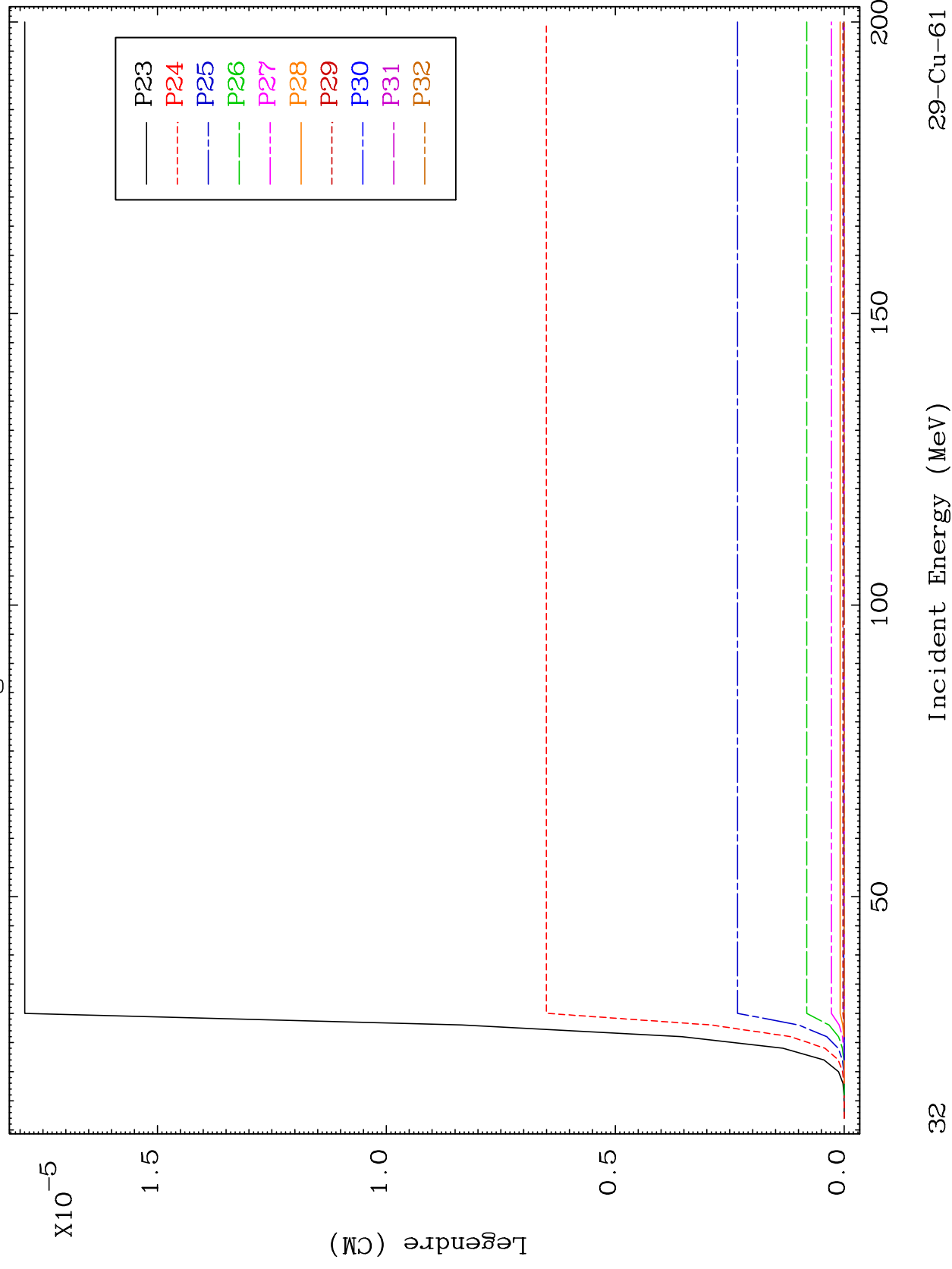




MAT 2919

MT= 55 (n,n') Level
Legendre Coefficients

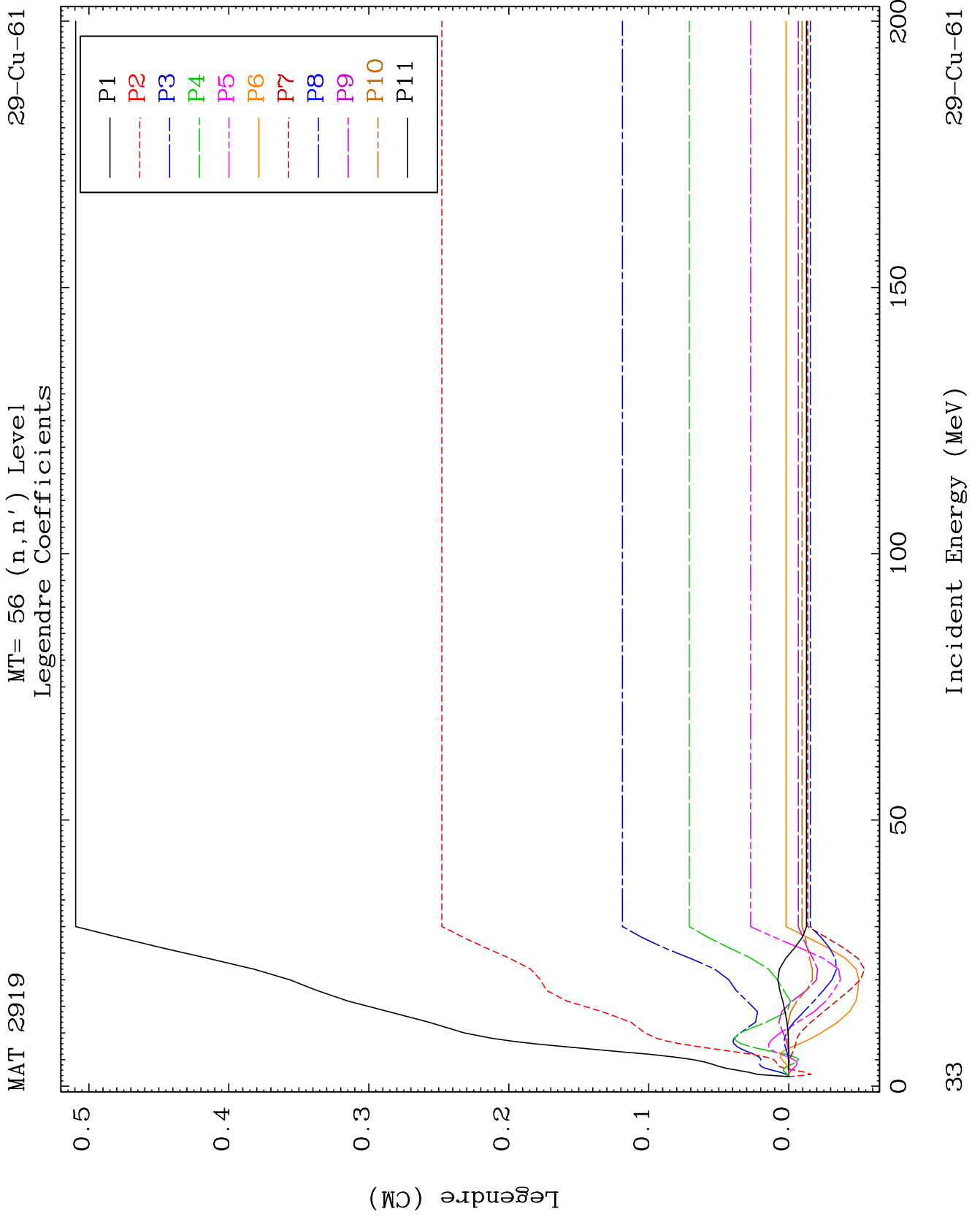
29-Cu-61



32

Incident Energy (MeV)

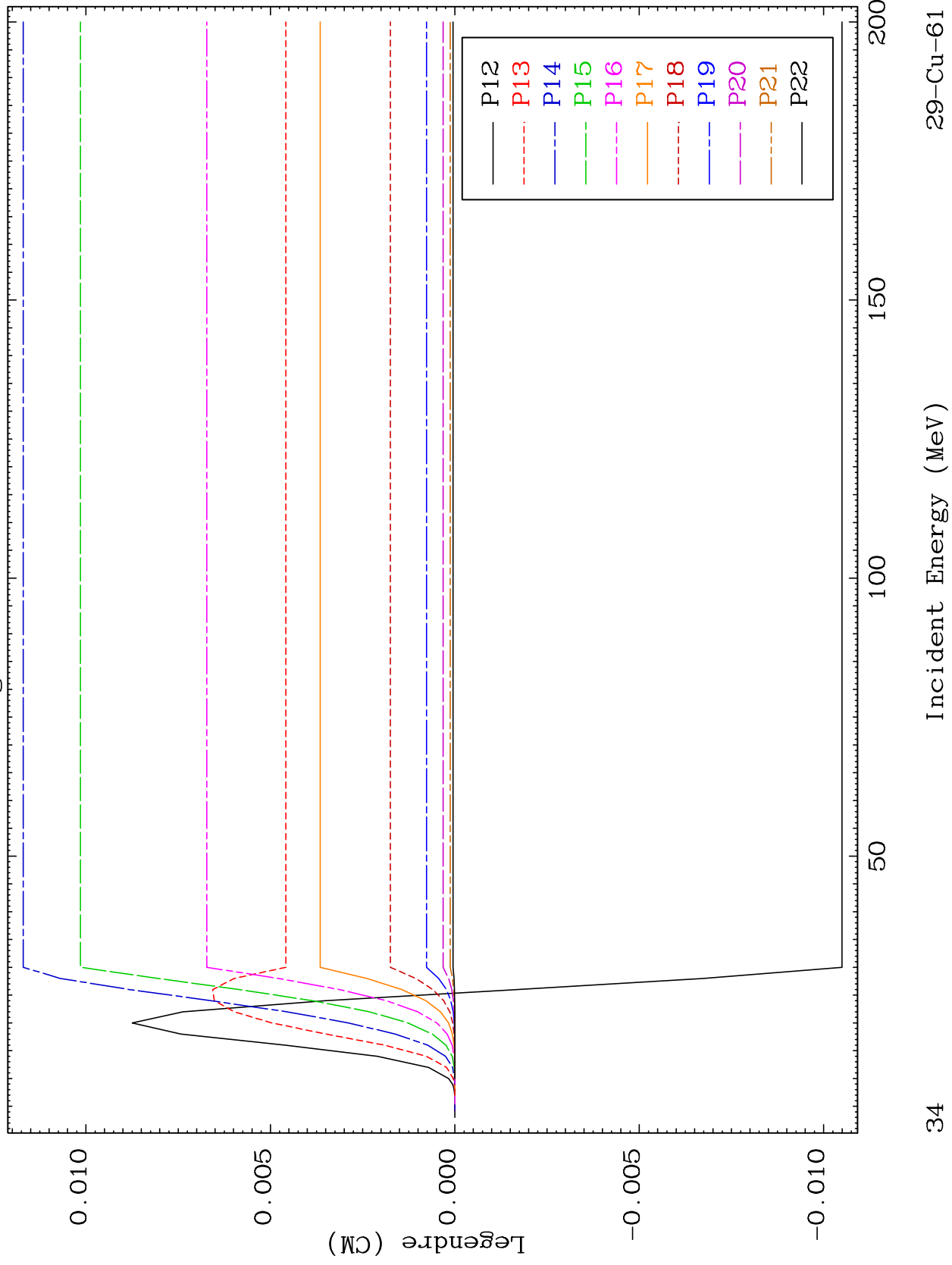
29-Cu-61



MAT 2919

29-Cu-61

MT= 56 (n,n') Level
Legendre Coefficients



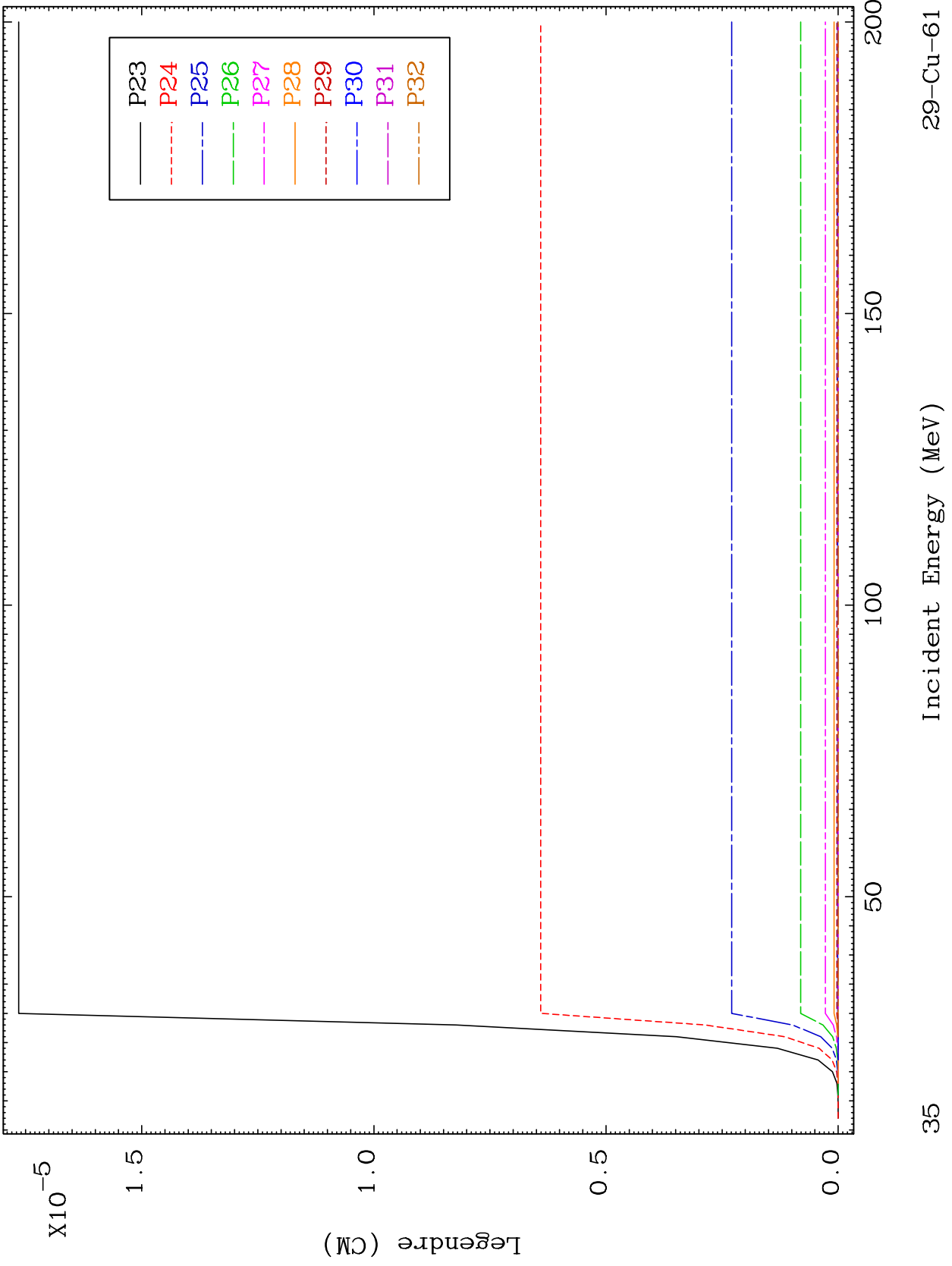
34

29-Cu-61

MAT 2919

MT= 56 (n,n') Level
Legendre Coefficients

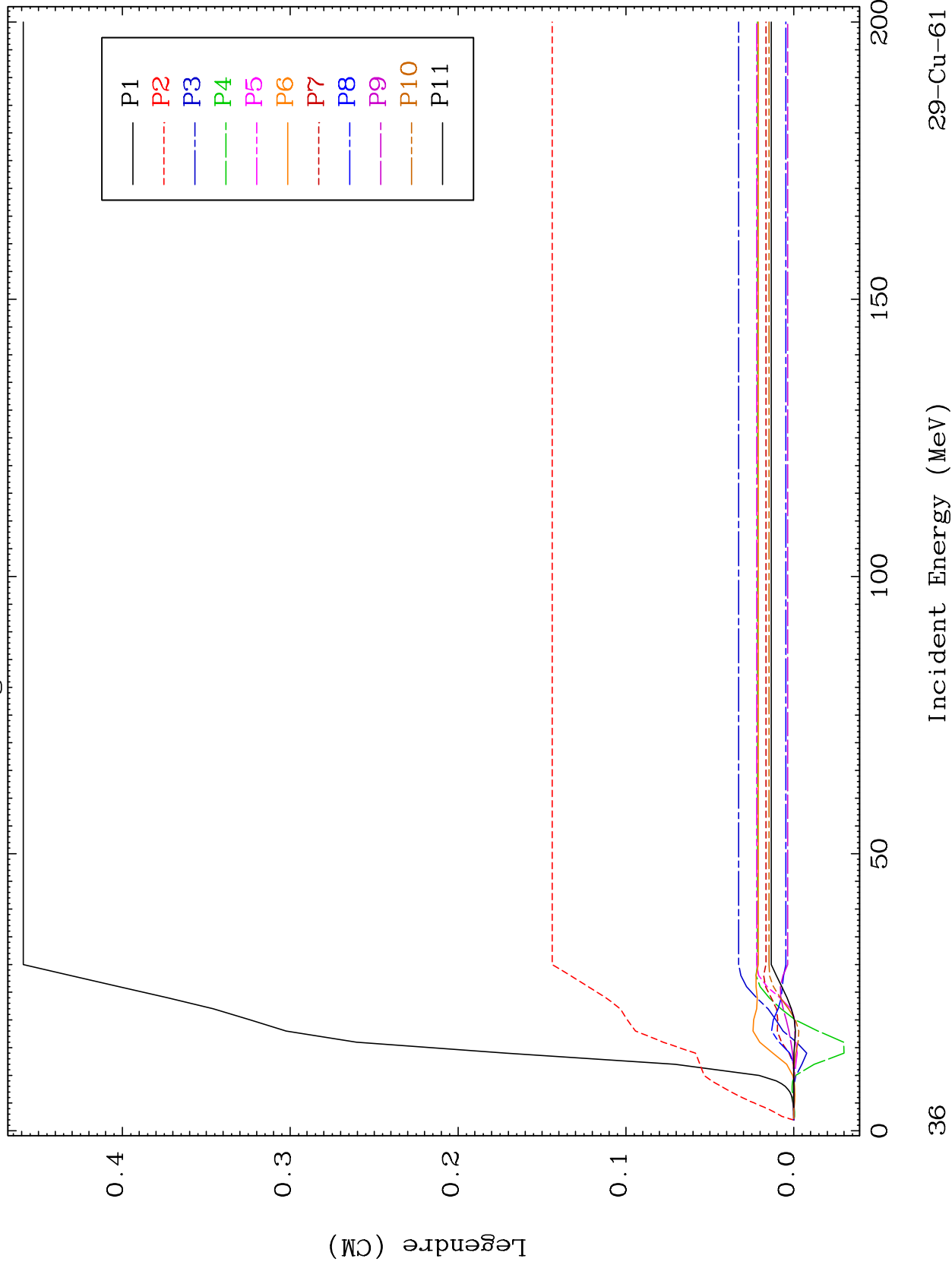
29-Cu-61



MAT 2919

MT= 57 (n,n') Level
Legendre Coefficients

29-Cu-61



29-Cu-61

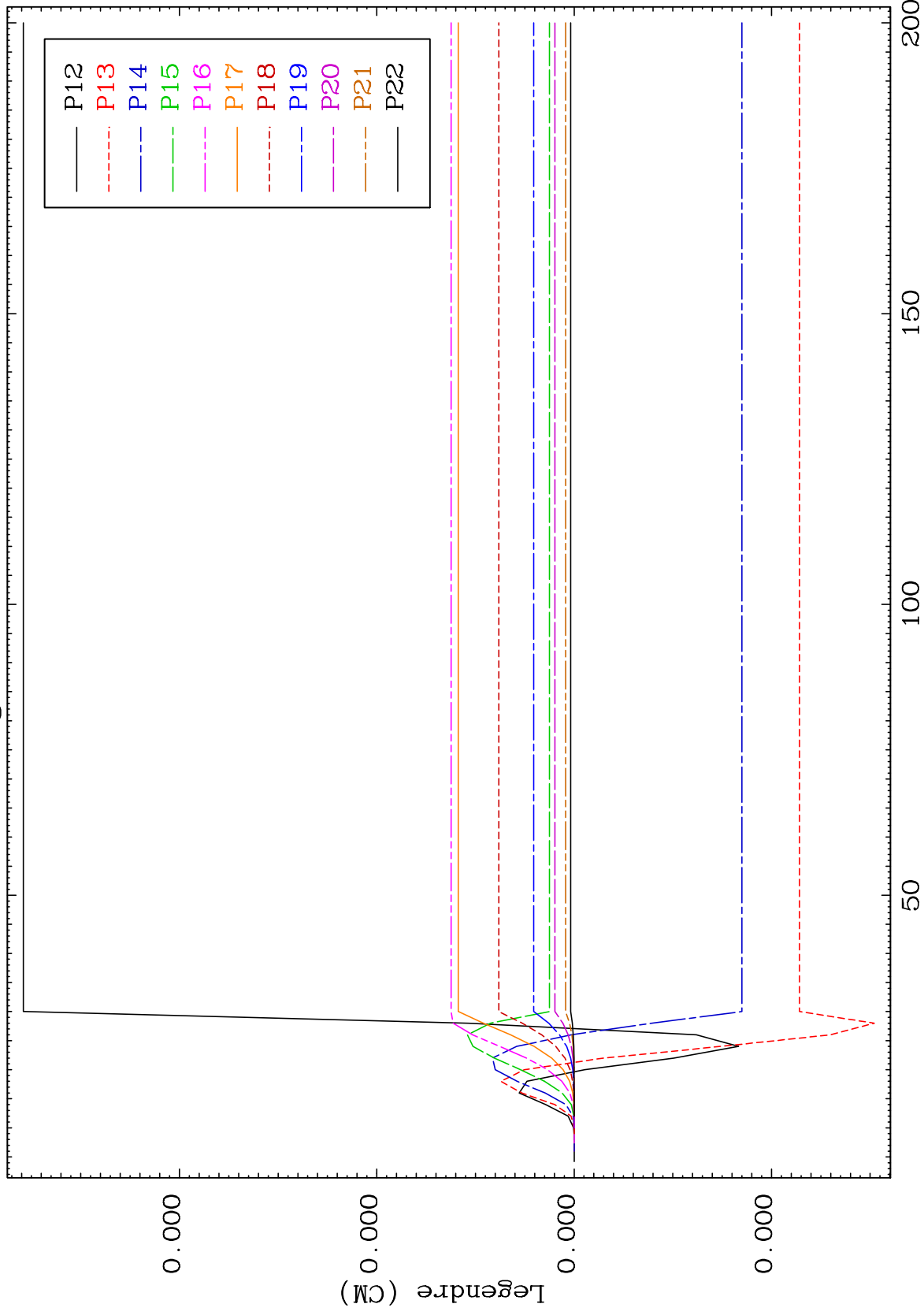
Incident Energy (MeV)

36

MAT 2919

MT= 57 (n,n') Level
Legendre Coefficients

29-Cu-61



37

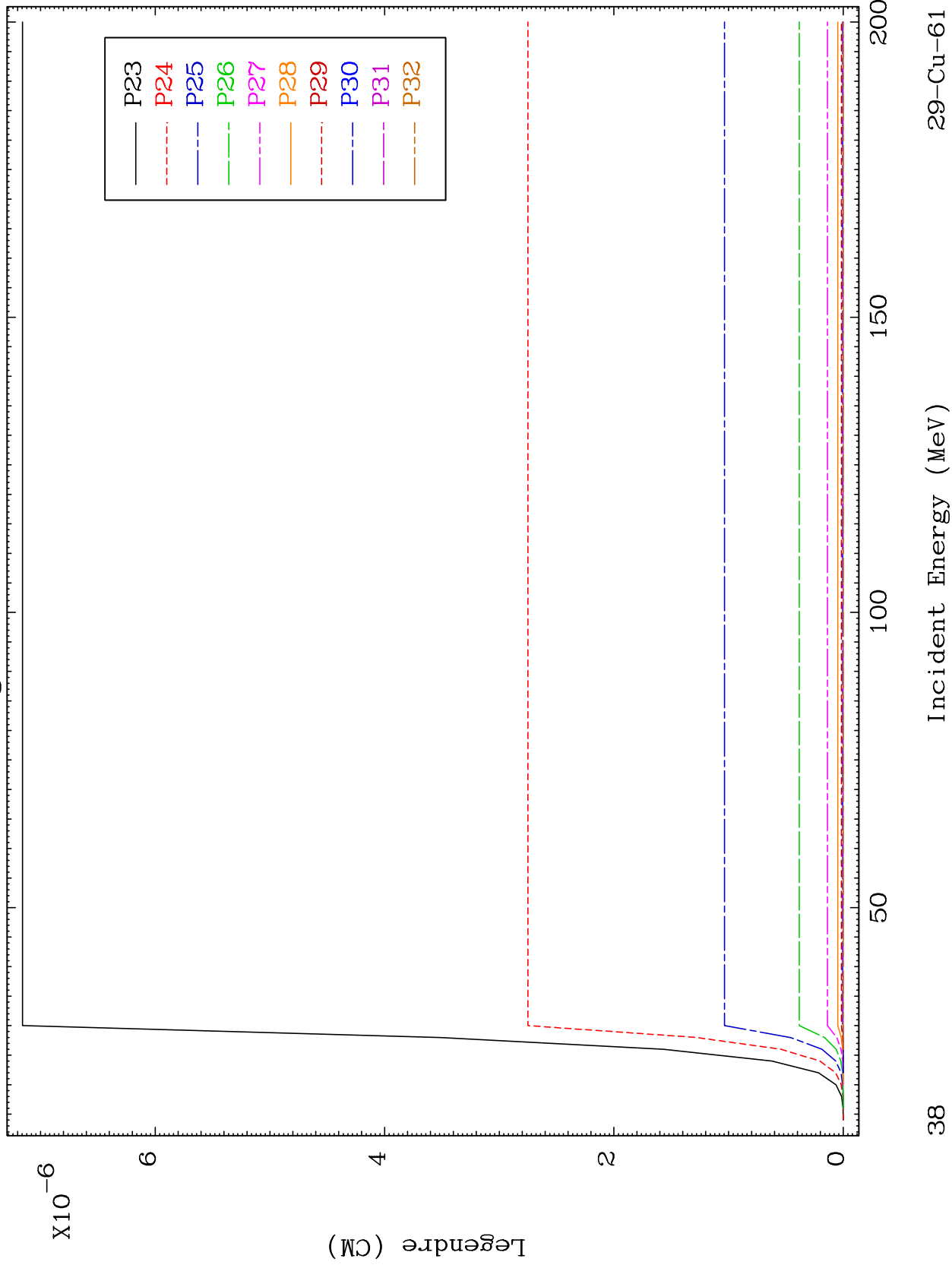
Incident Energy (MeV)

29-Cu-61

MAT 2919

MT= 57 (n,n') Level
Legendre Coefficients

29-Cu-61



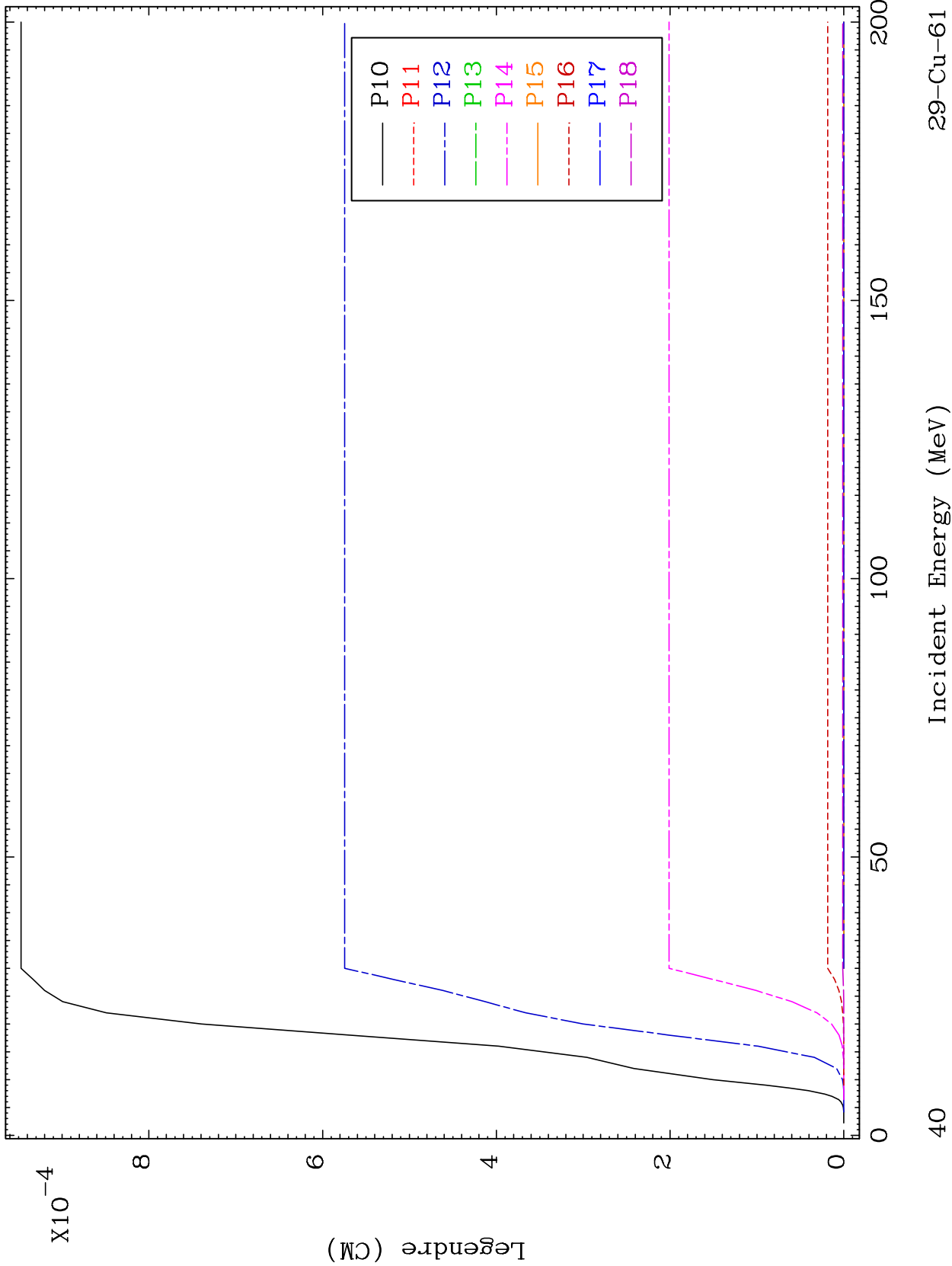
38

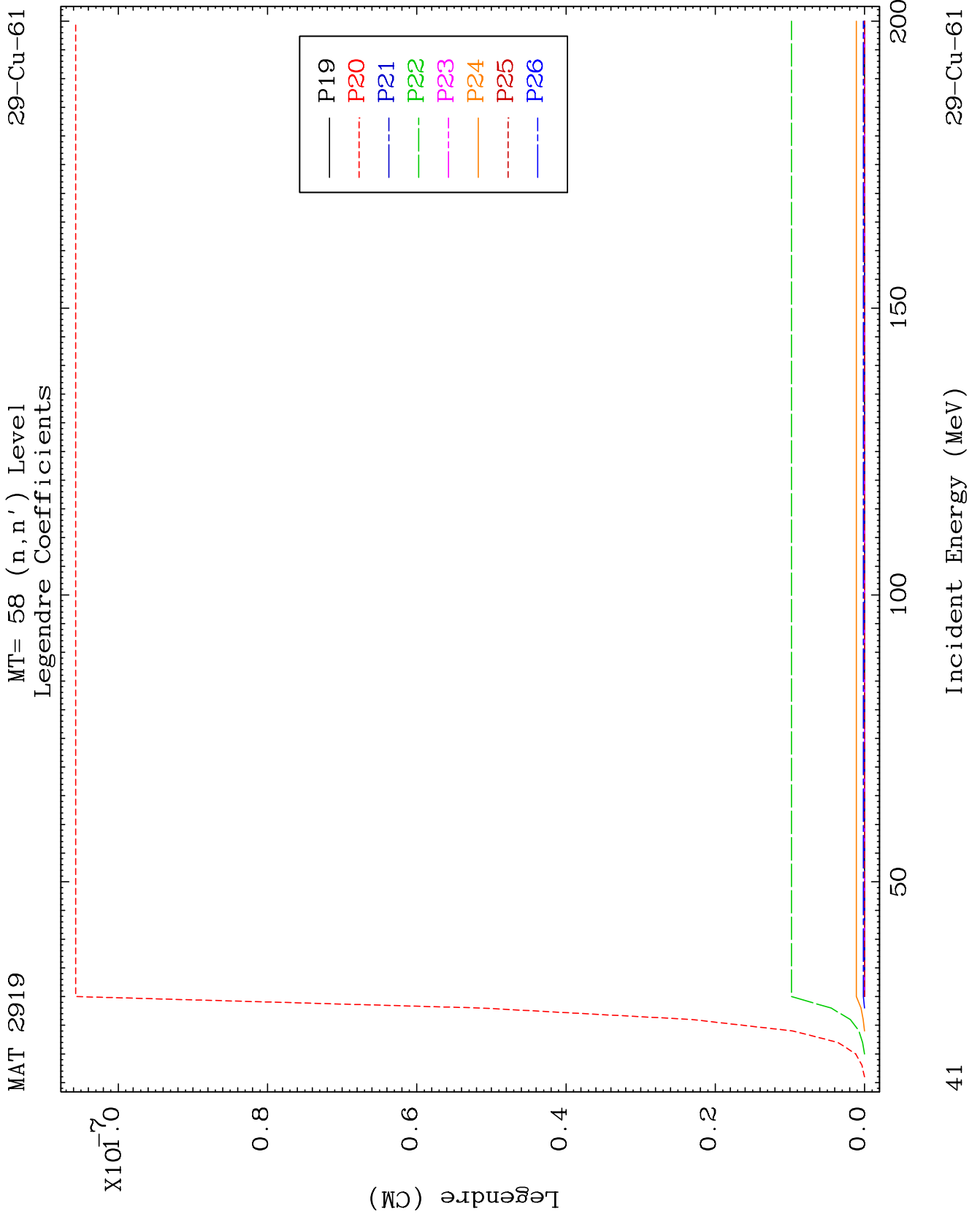
200

MAT 2919

MT= 58 (n,n') Level
Legendre Coefficients

29-Cu-61

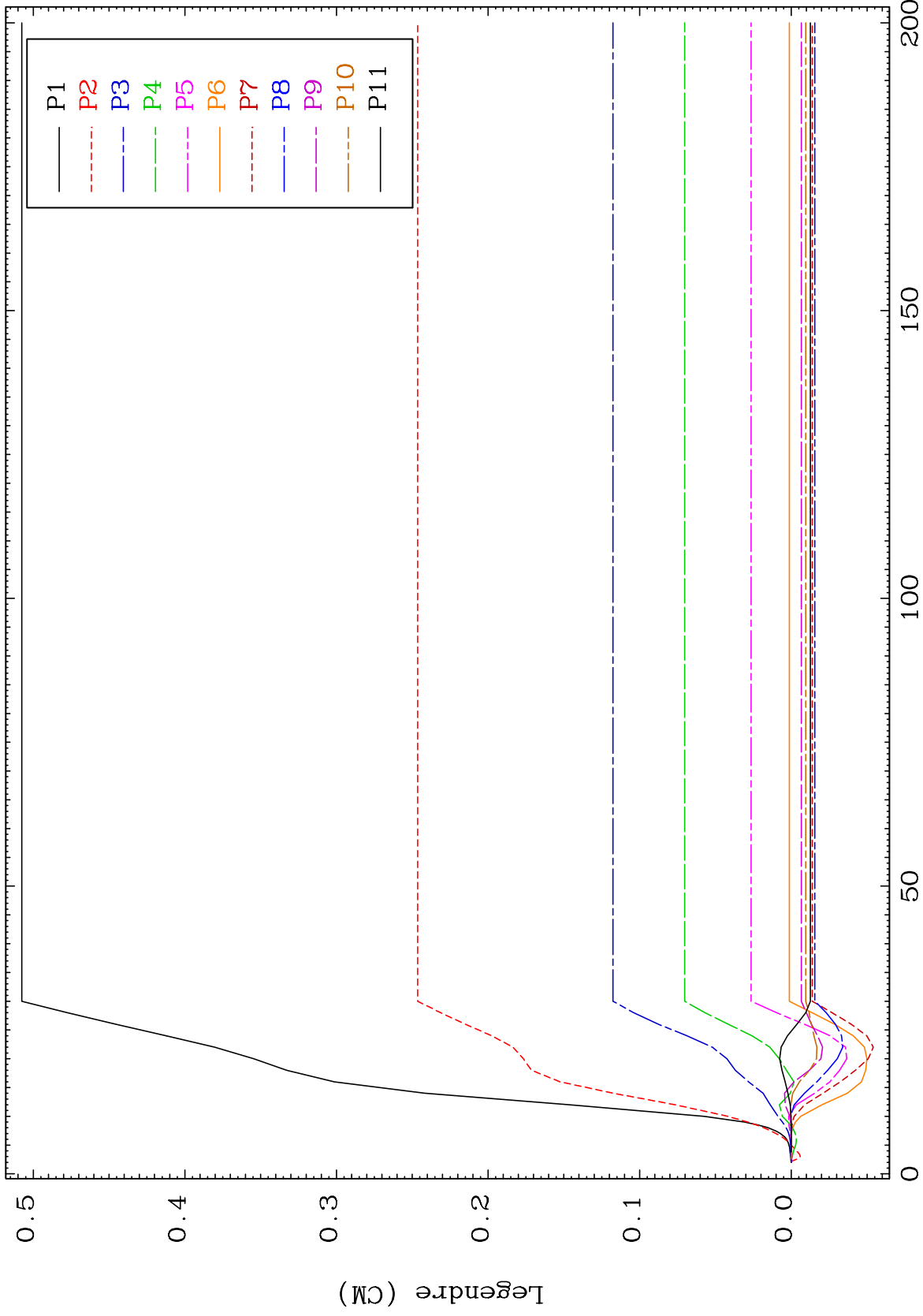




MAT 2919

MT= 59 (n,n') Level
Legendre Coefficients

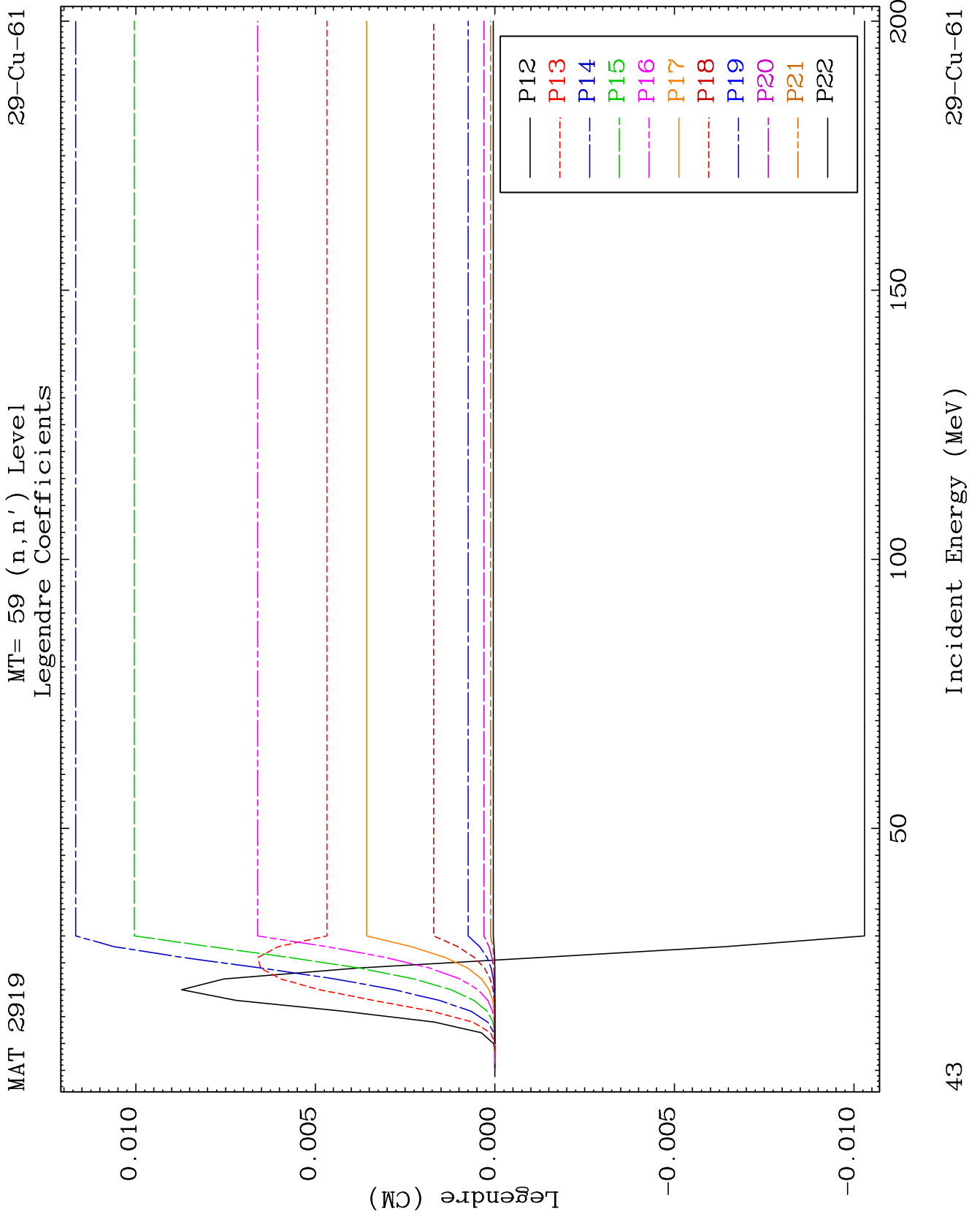
29-Cu-61



42

Incident Energy (MeV)

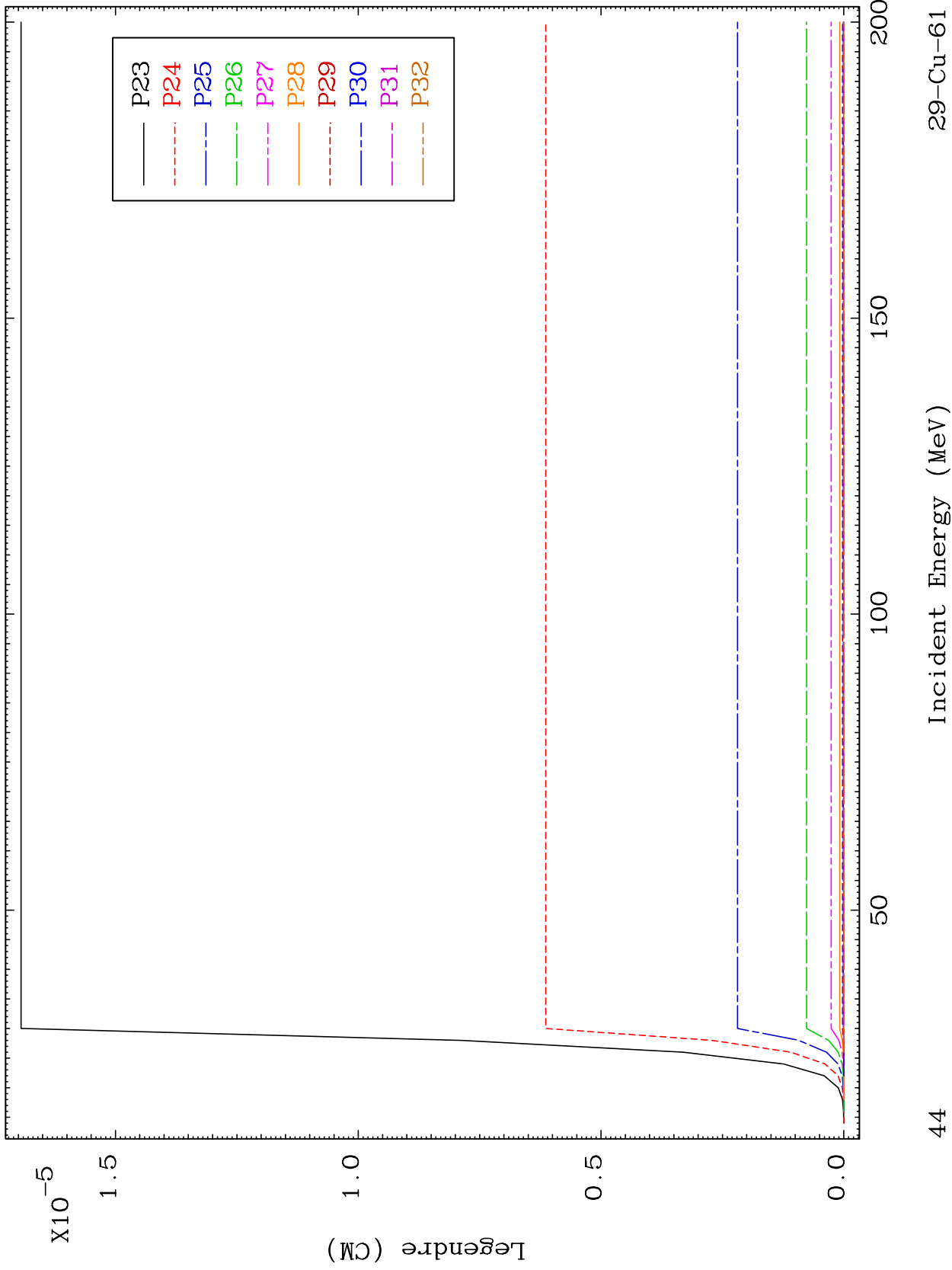
29-Cu-61



MAT 2919

MT= 59 (n,n') Level
Legendre Coefficients

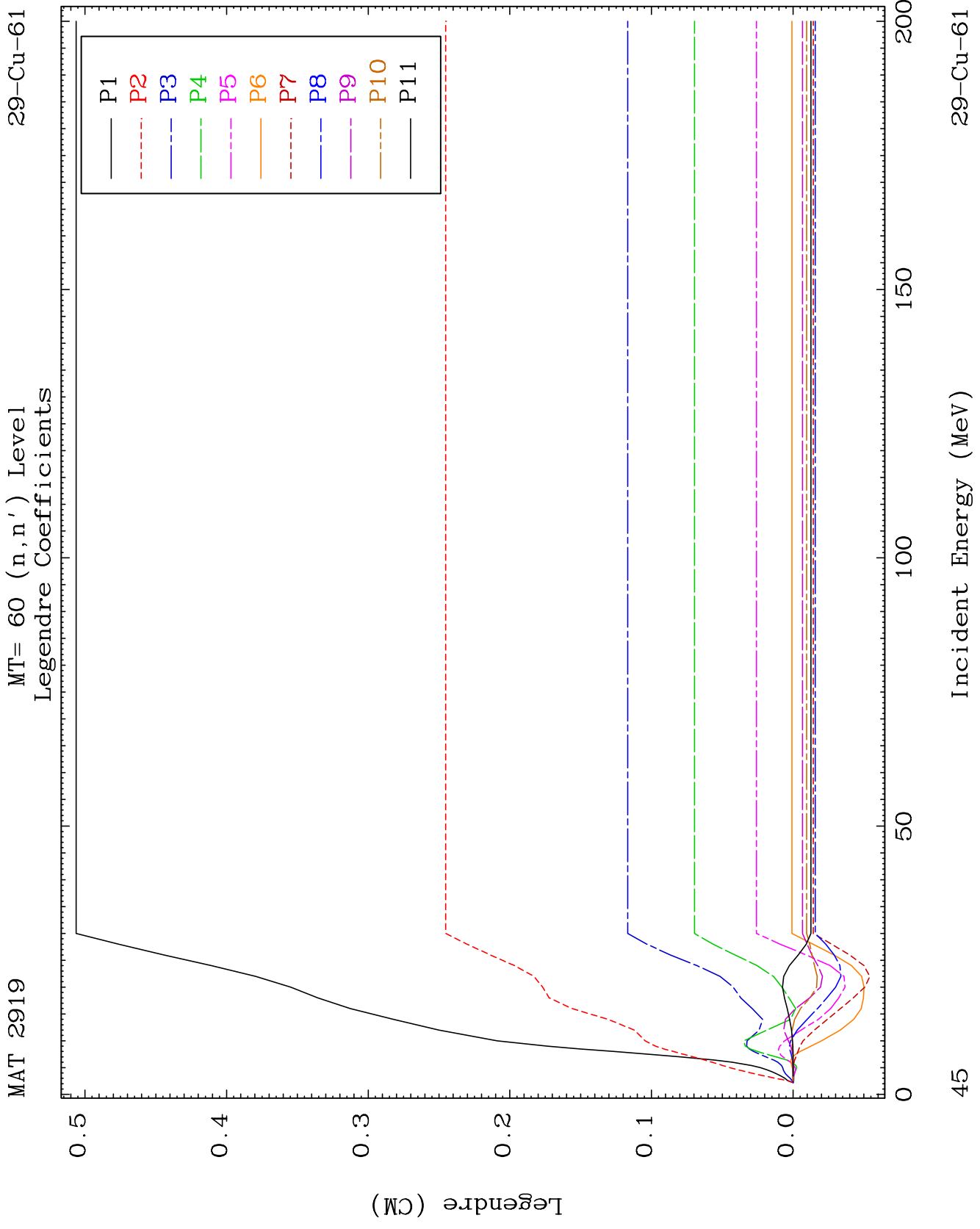
29-Cu-61



44

Incident Energy (MeV)

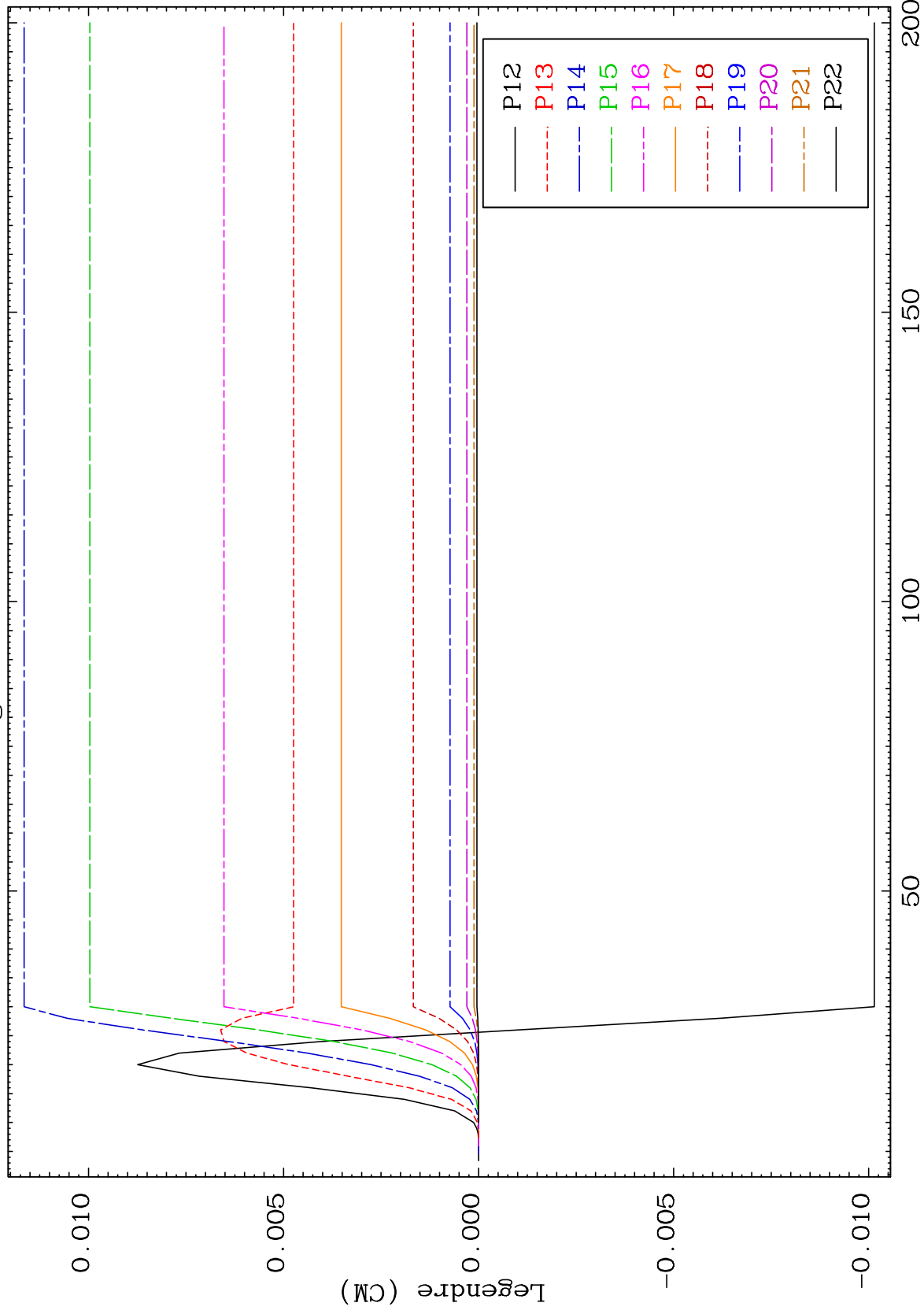
29-Cu-61



MAT 2919

MT= 60 (n,n') Level
Legendre Coefficients

29-Cu-61



46

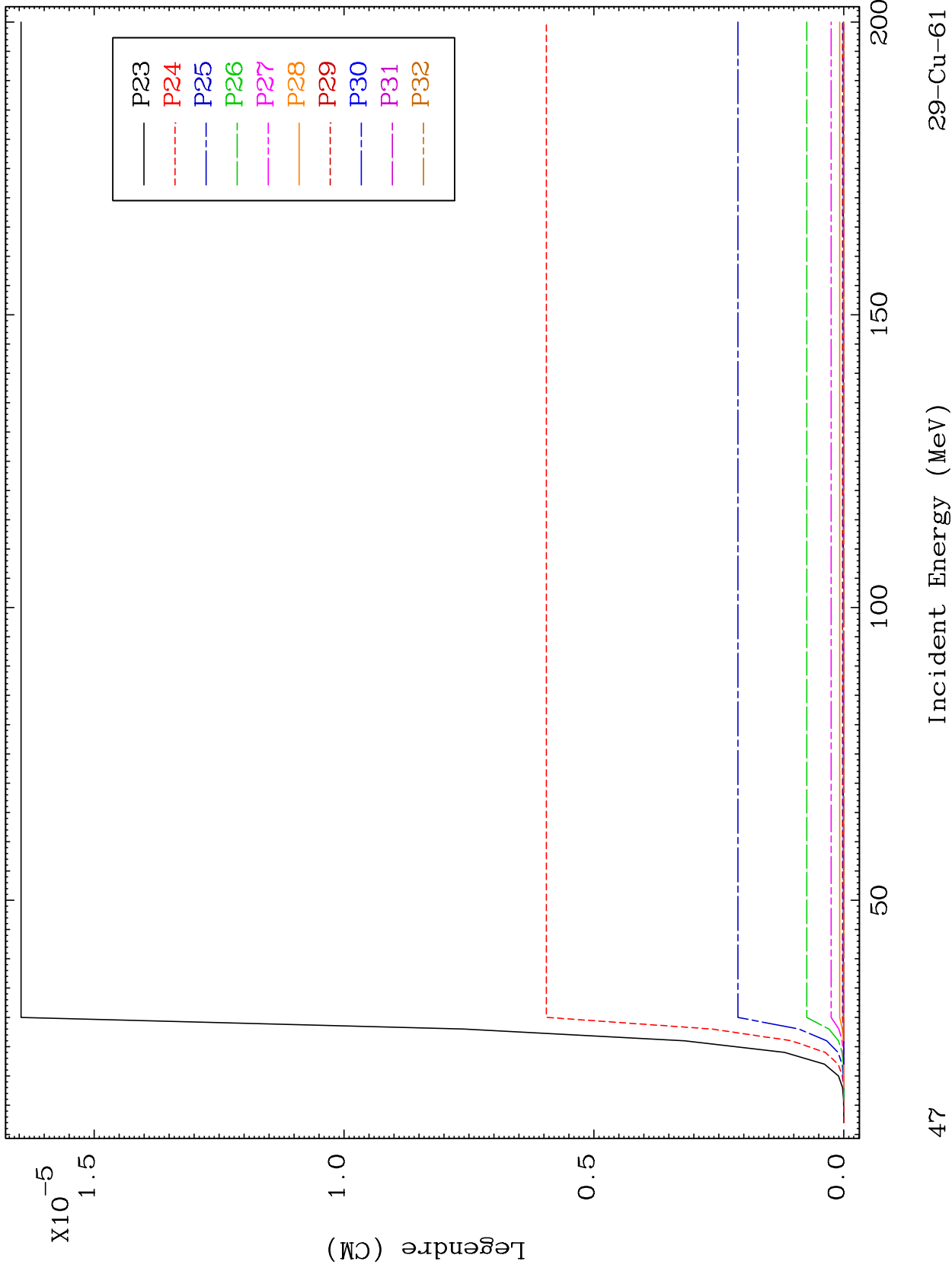
Incident Energy (MeV)

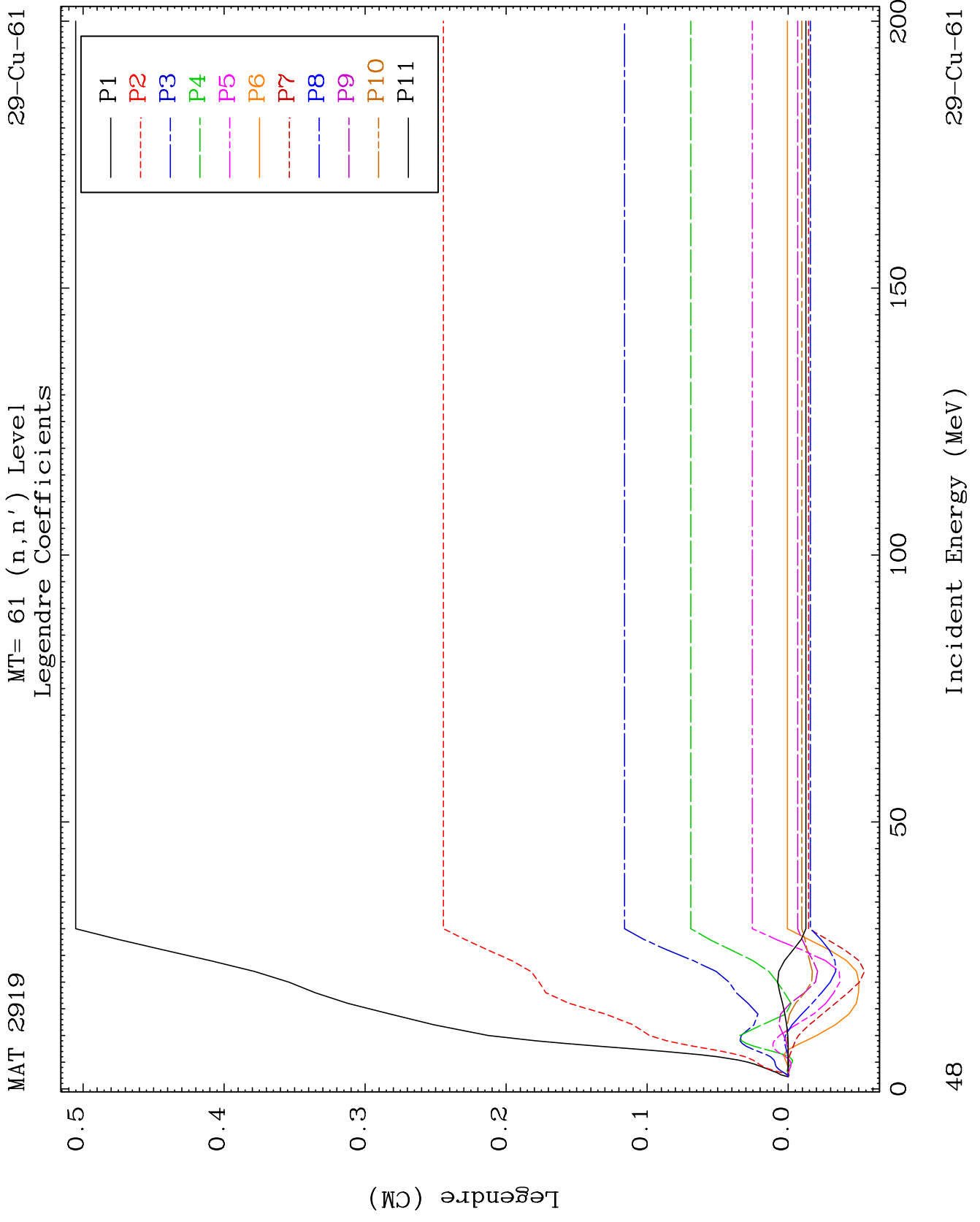
29-Cu-61

MAT 2919

MT= 60 (n,n') Level
Legendre Coefficients

29-Cu-61

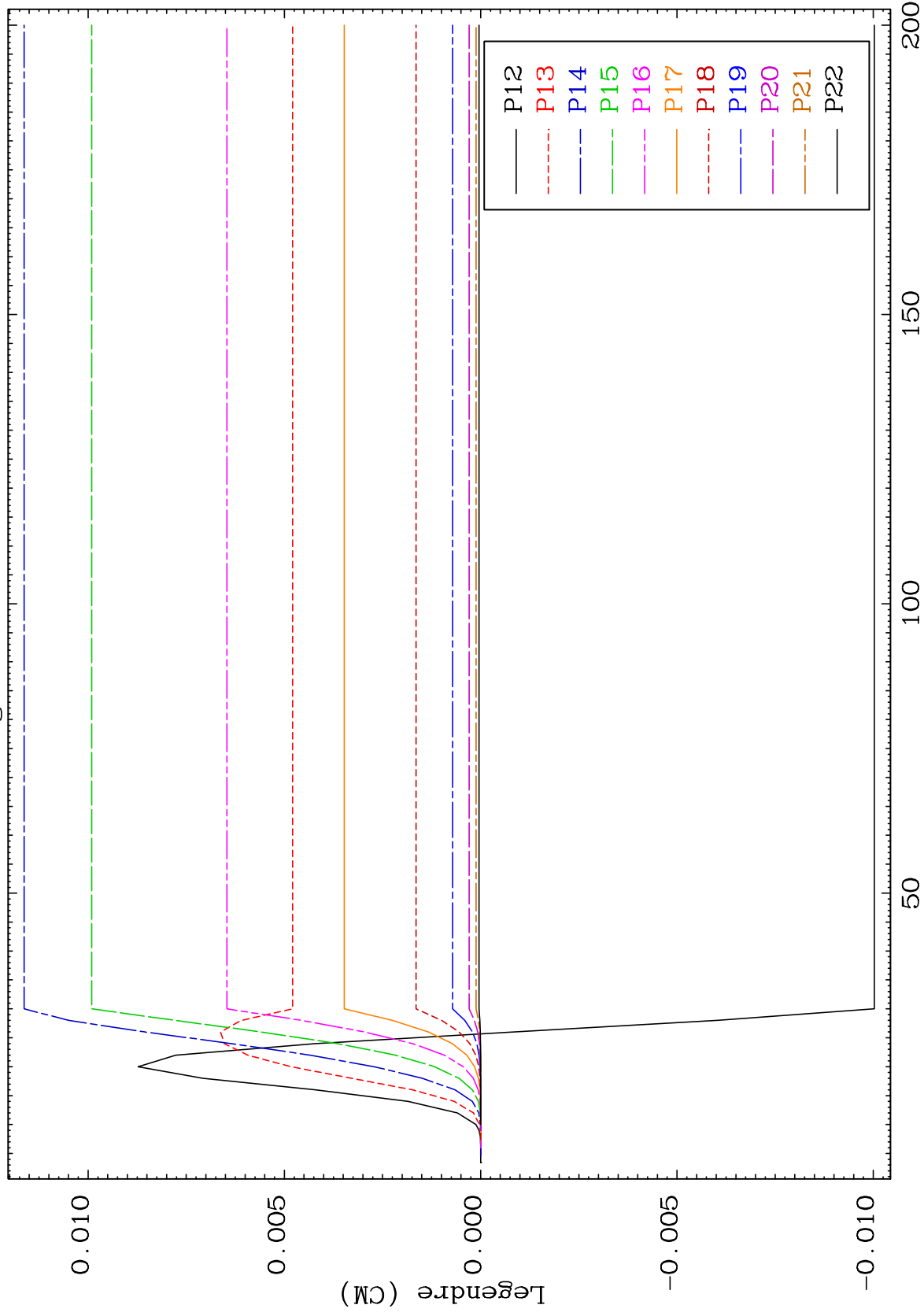




MAT 2919

MT= 61 (n,n') Level
Legendre Coefficients

29-Cu-61



49

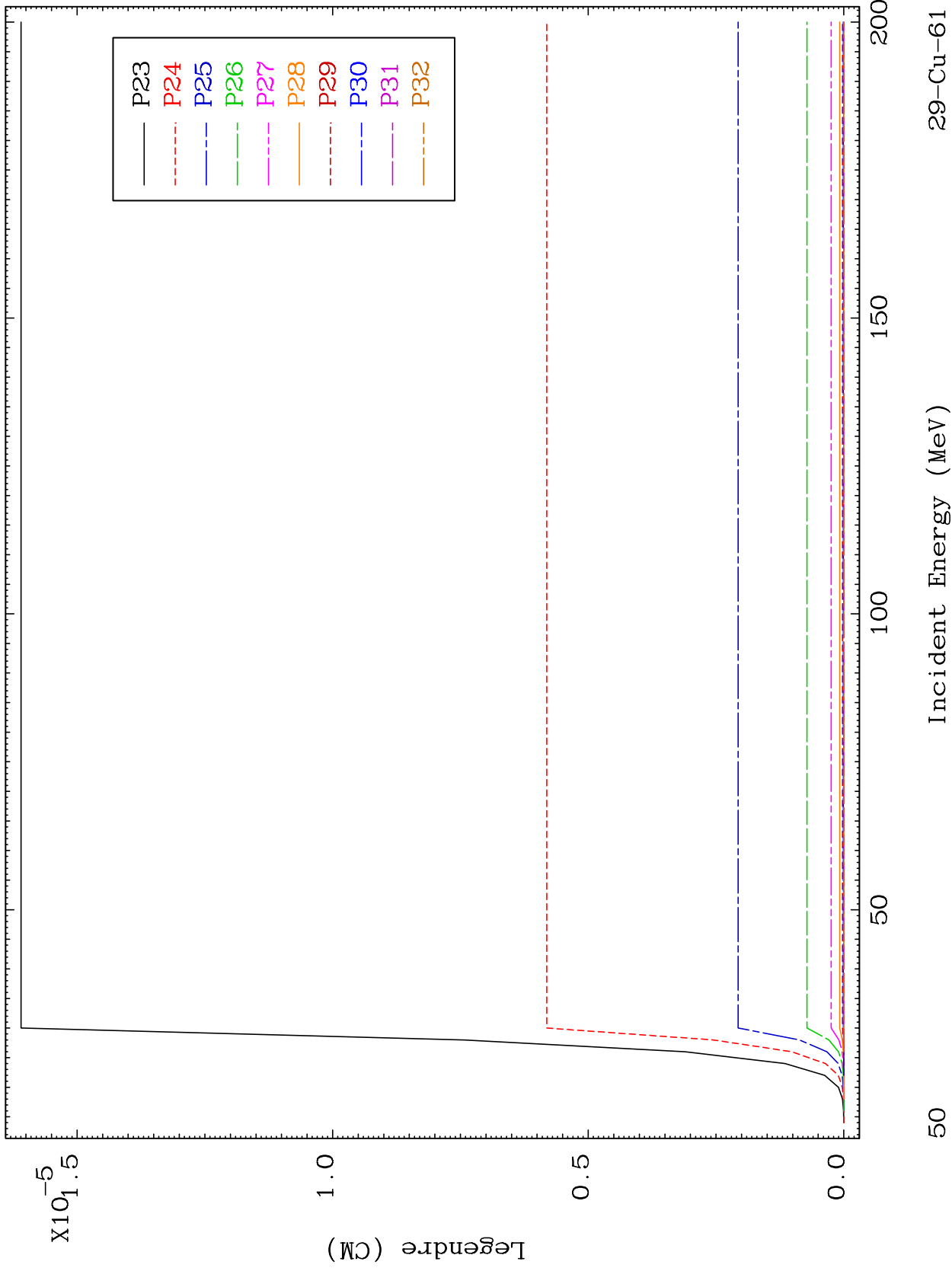
Incident Energy (MeV)

29-Cu-61

MAT 2919

MT= 61 (n,n') Level
Legendre Coefficients

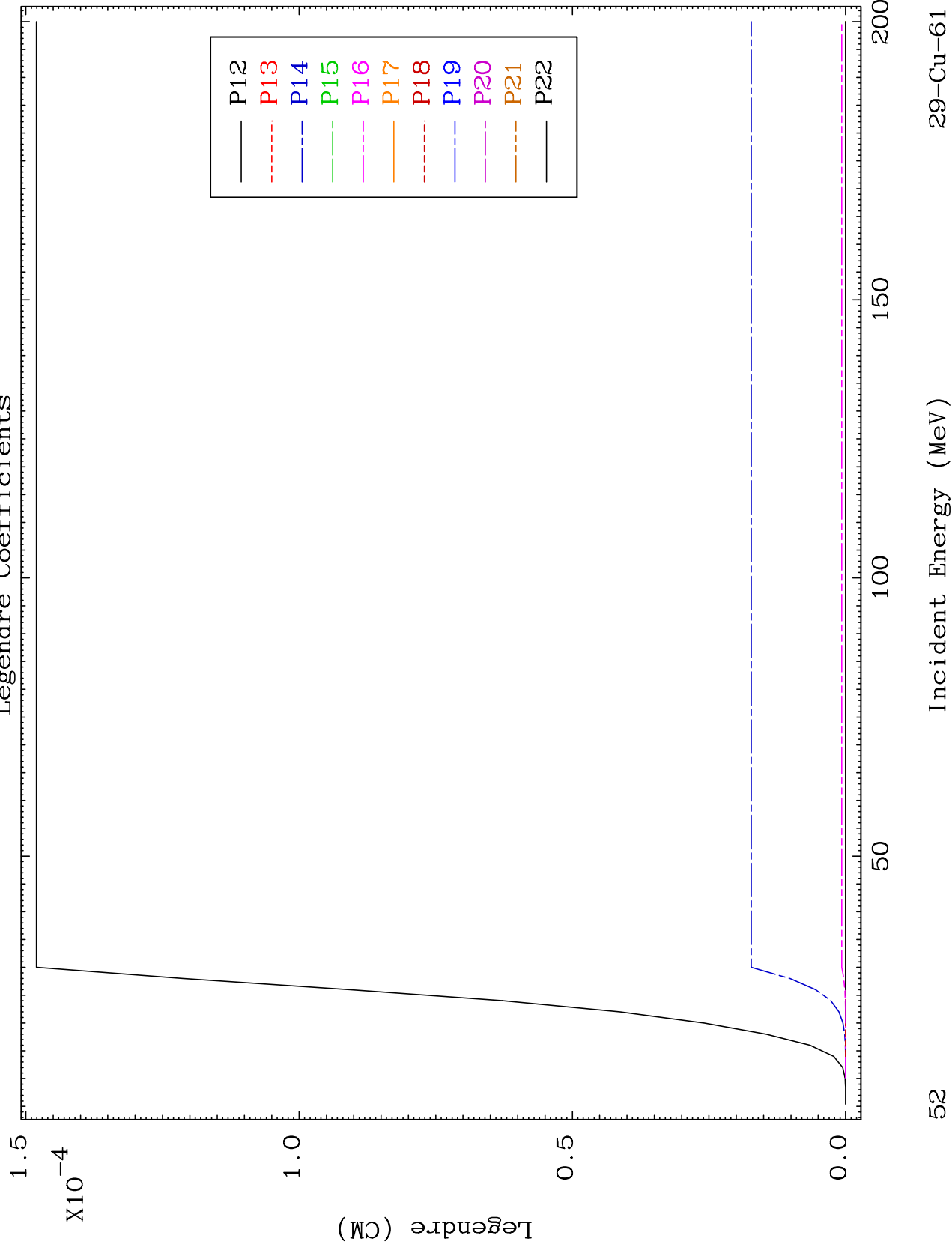
29-Cu-61



MAT 2919

MT= 62 (n,n') Level
Legendre Coefficients

29-Cu-61



52

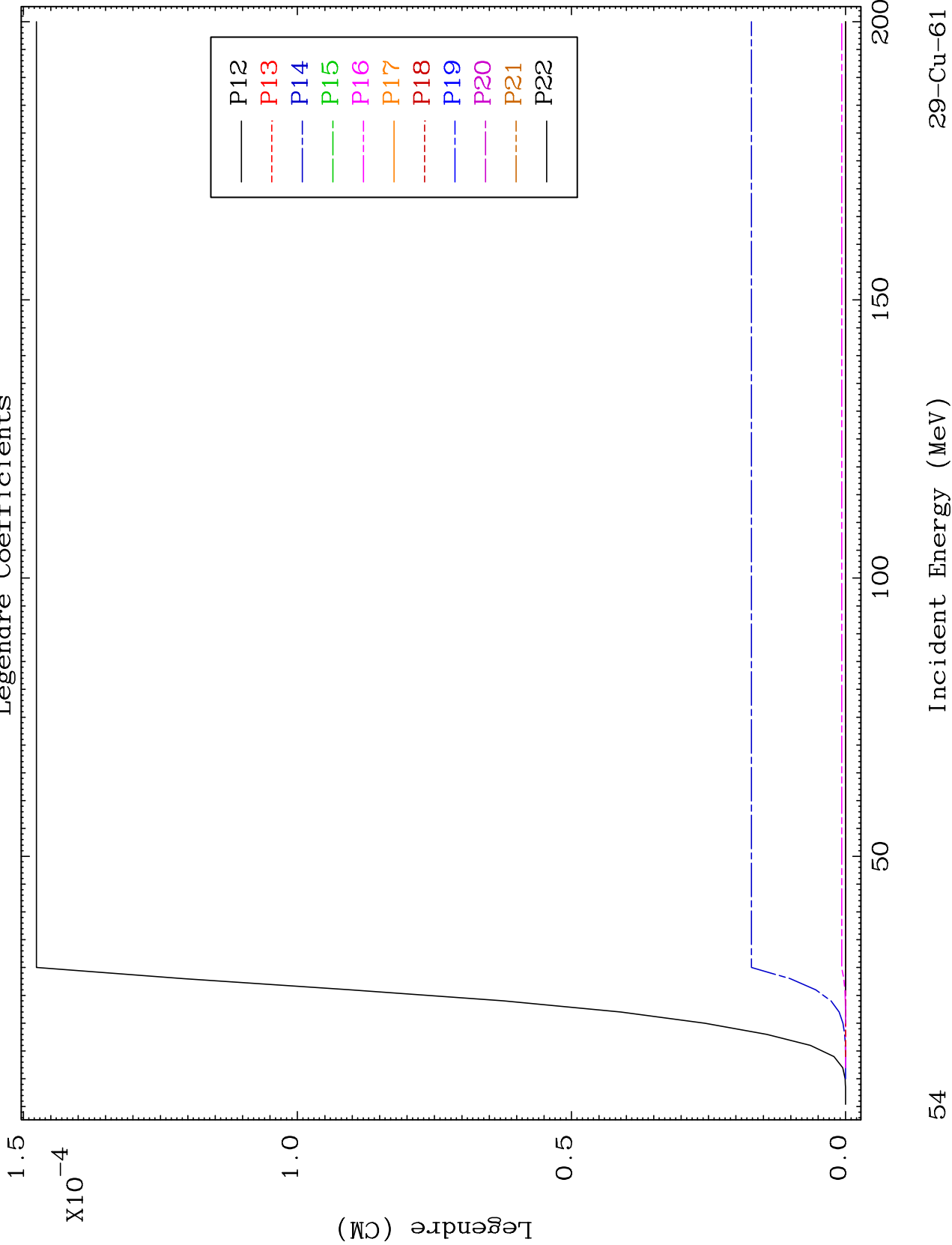
Incident Energy (MeV)

29-Cu-61

MAT 2919

MT= 63 (n,n') Level
Legendre Coefficients

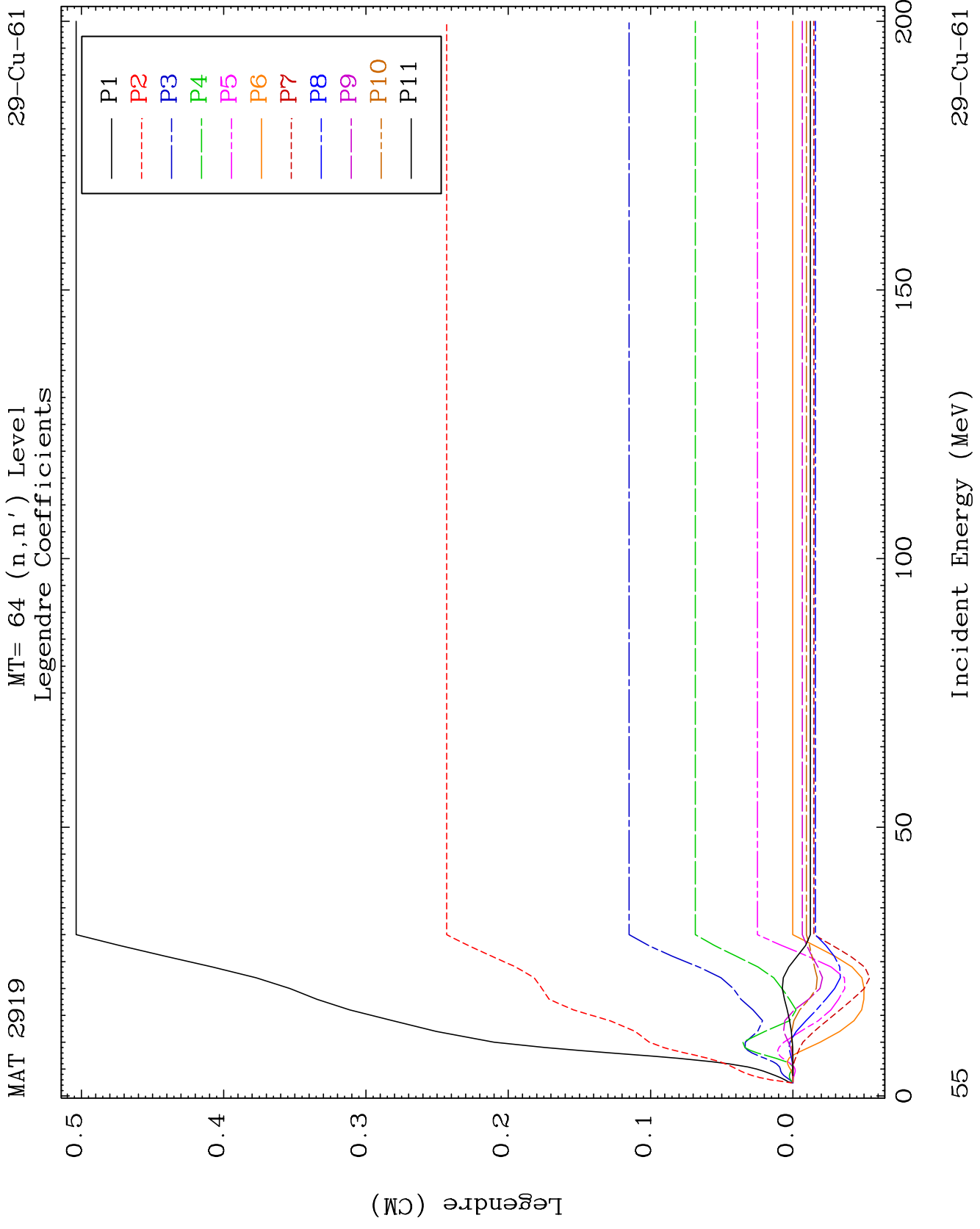
29-Cu-61

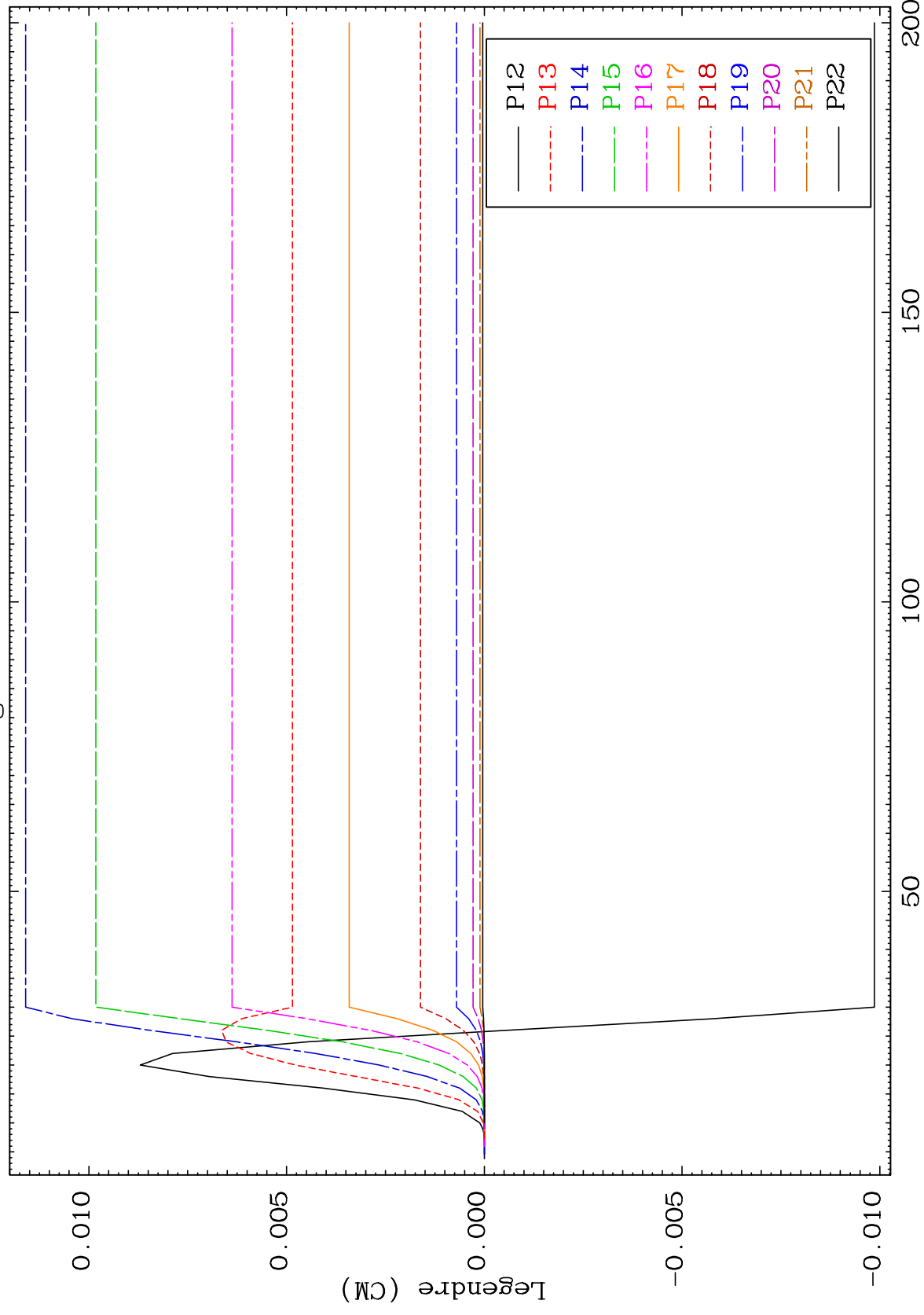


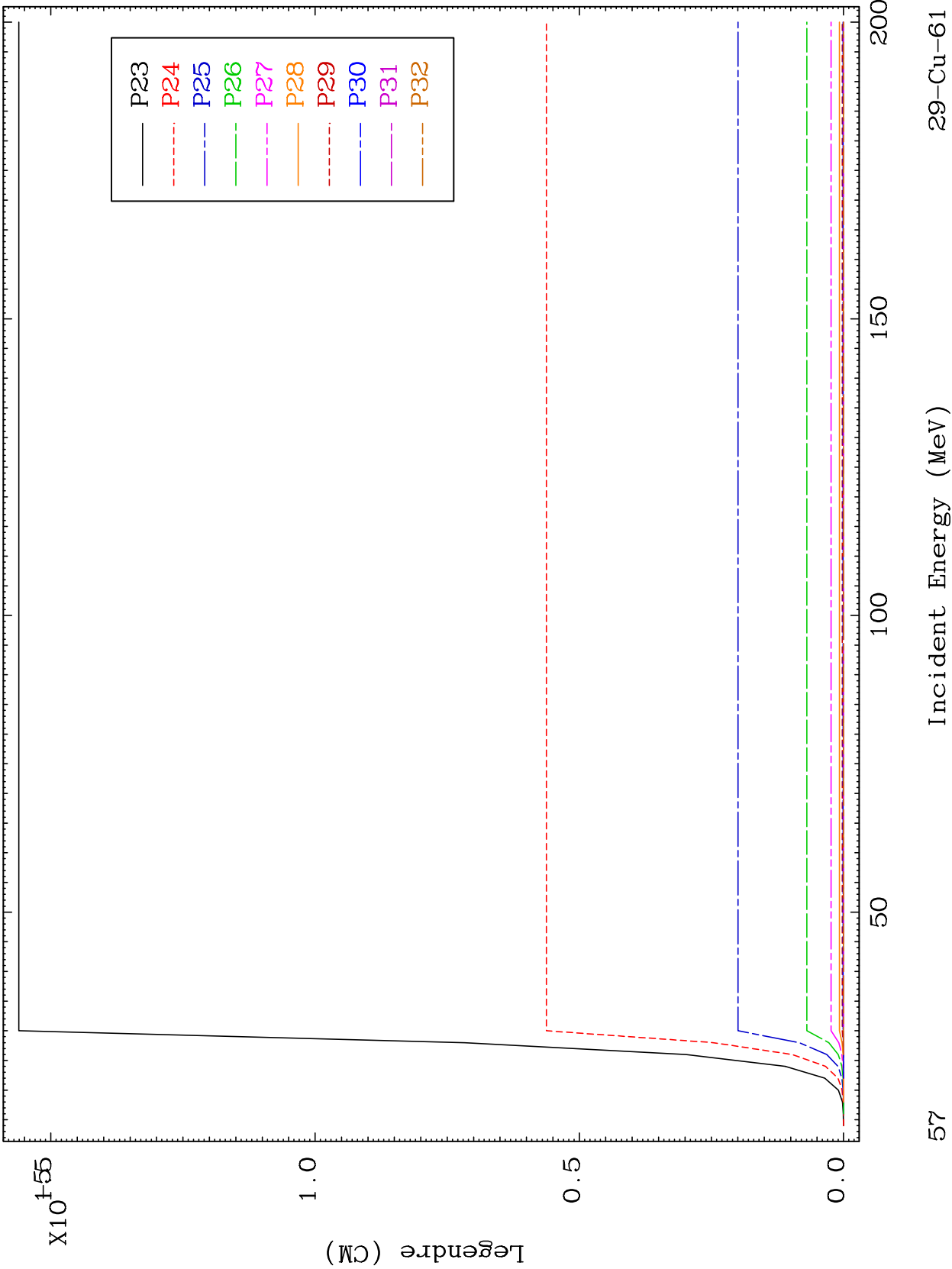
54

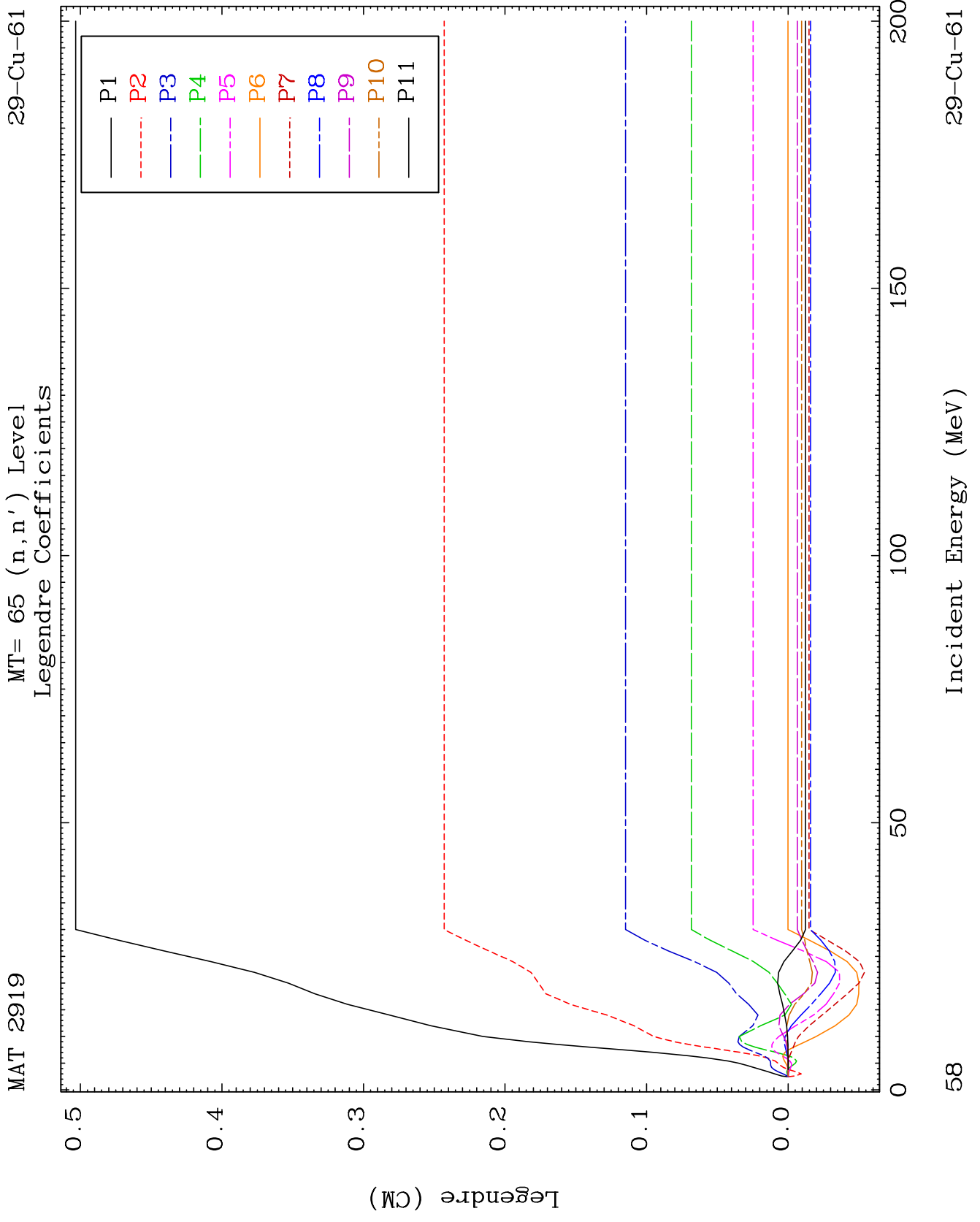
Incident Energy (MeV)

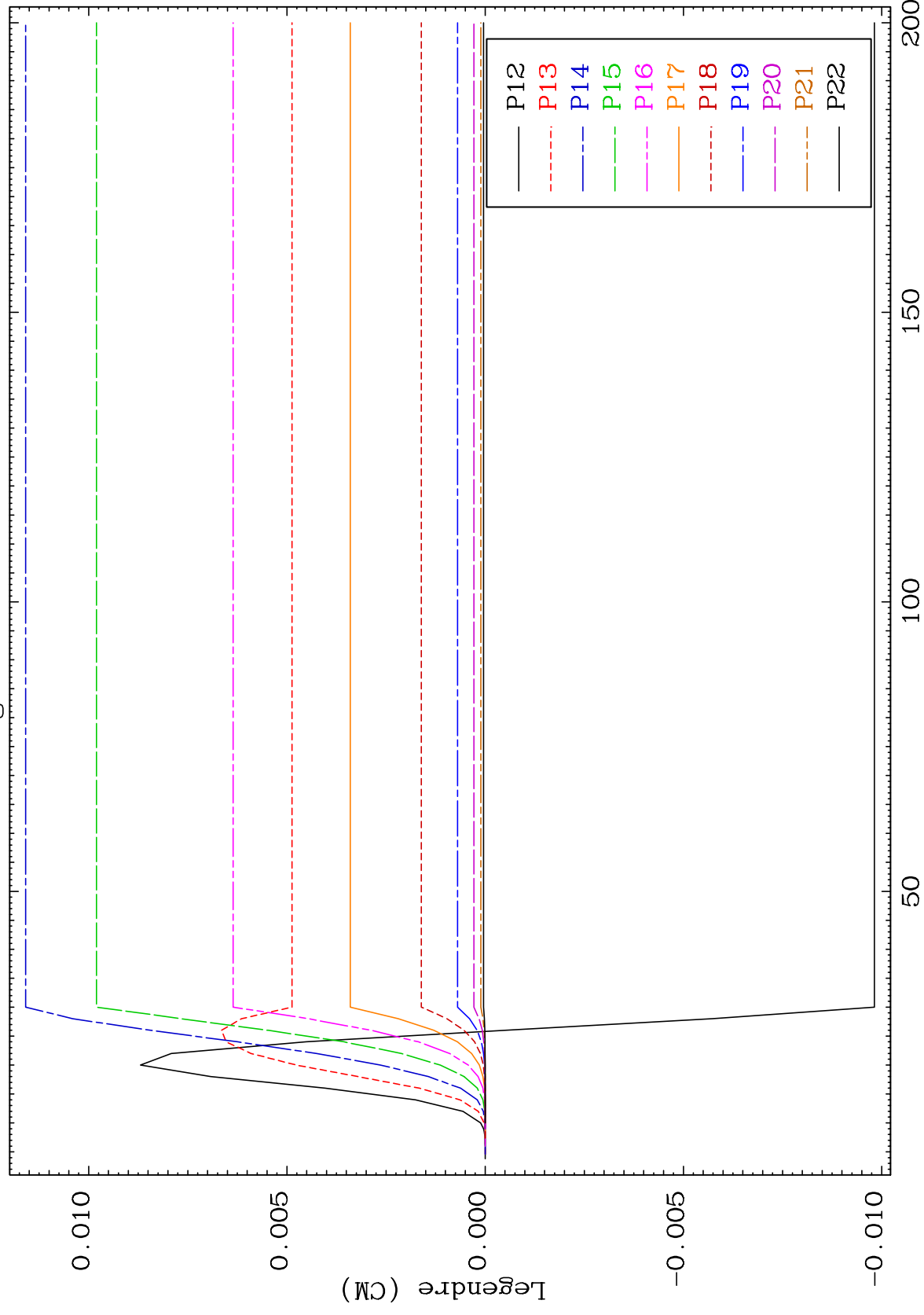
29-Cu-61







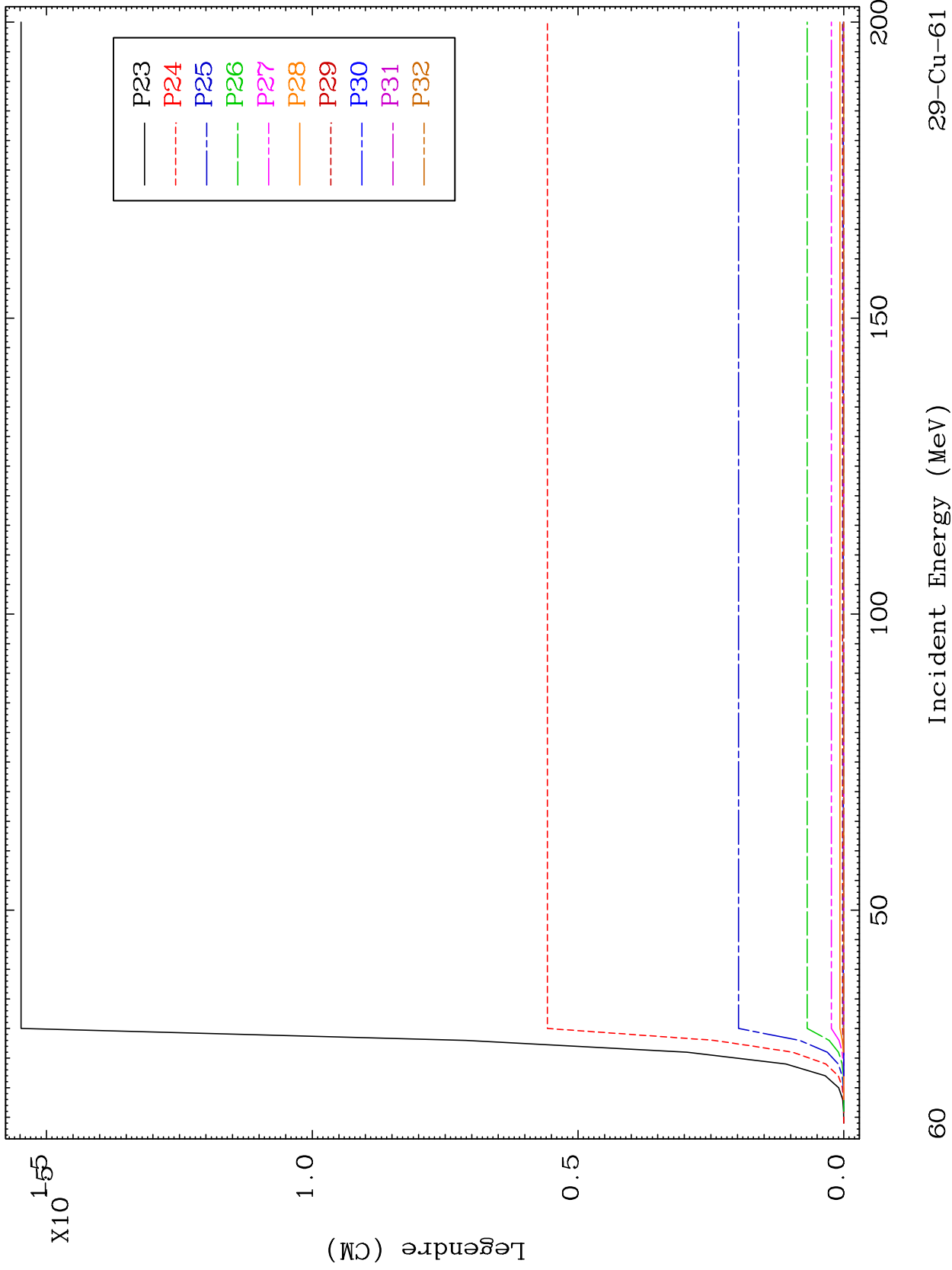


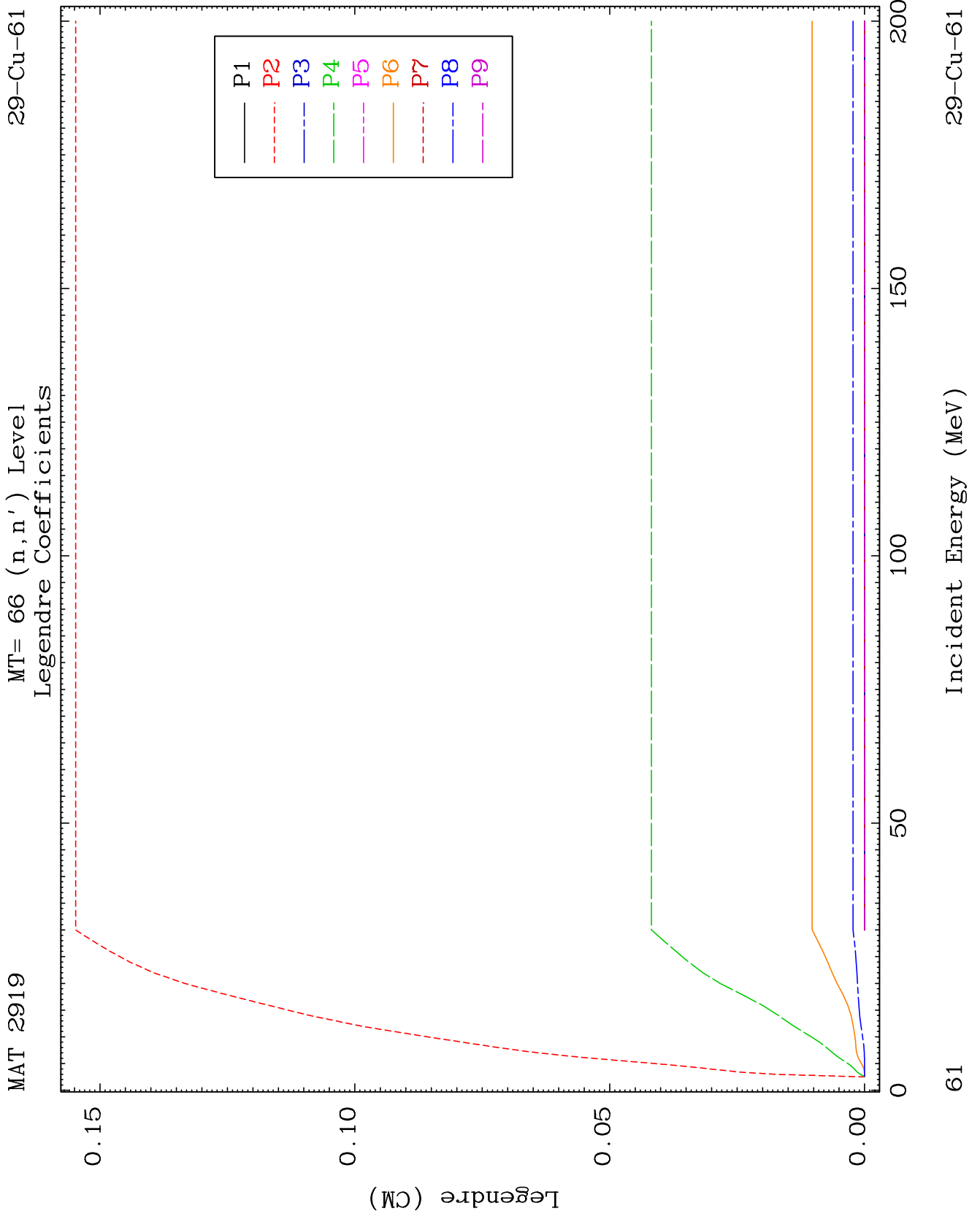


MAT 2919

MT= 65 (n,n') Level
Legendre Coefficients

29-Cu-61

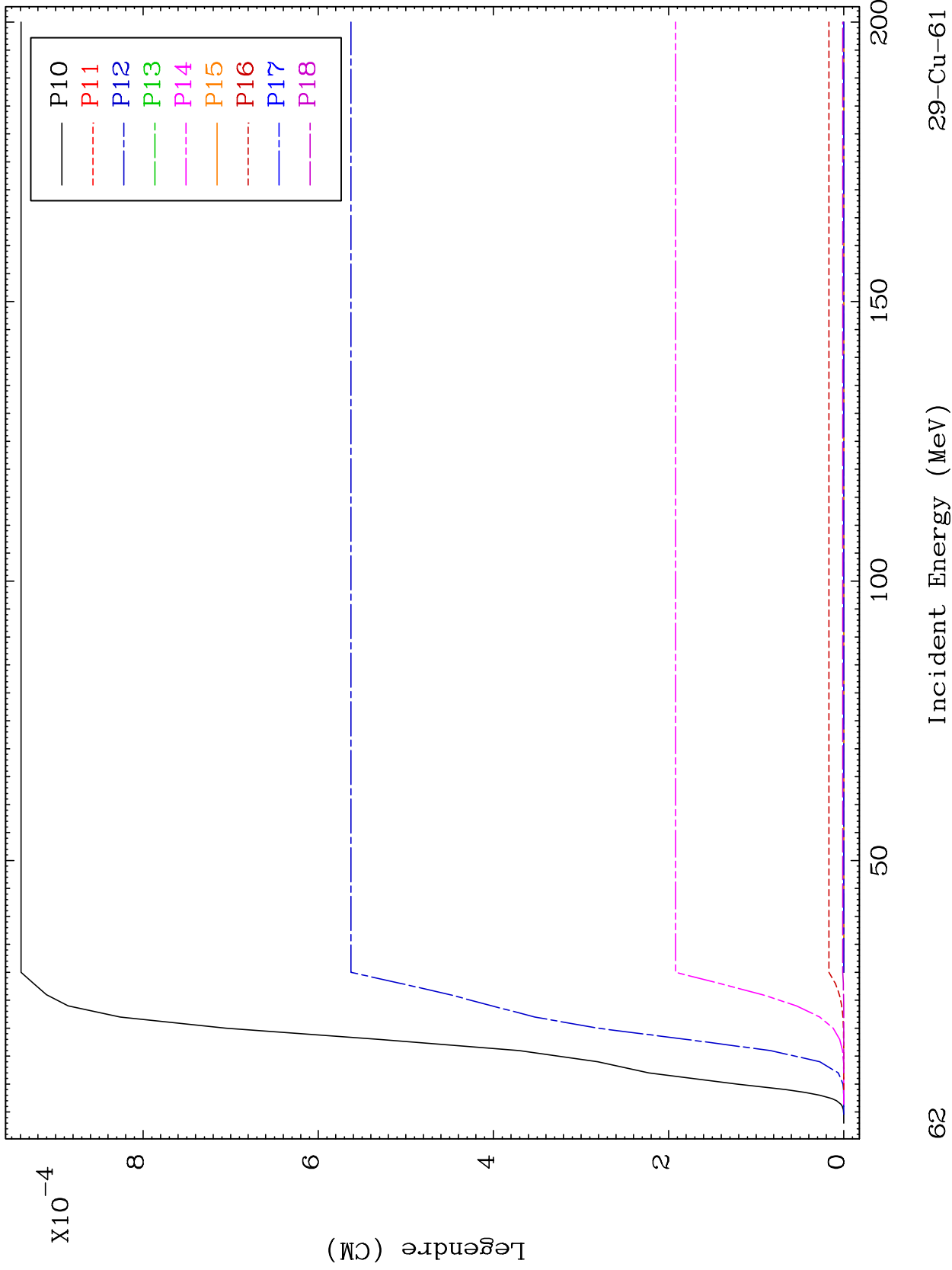


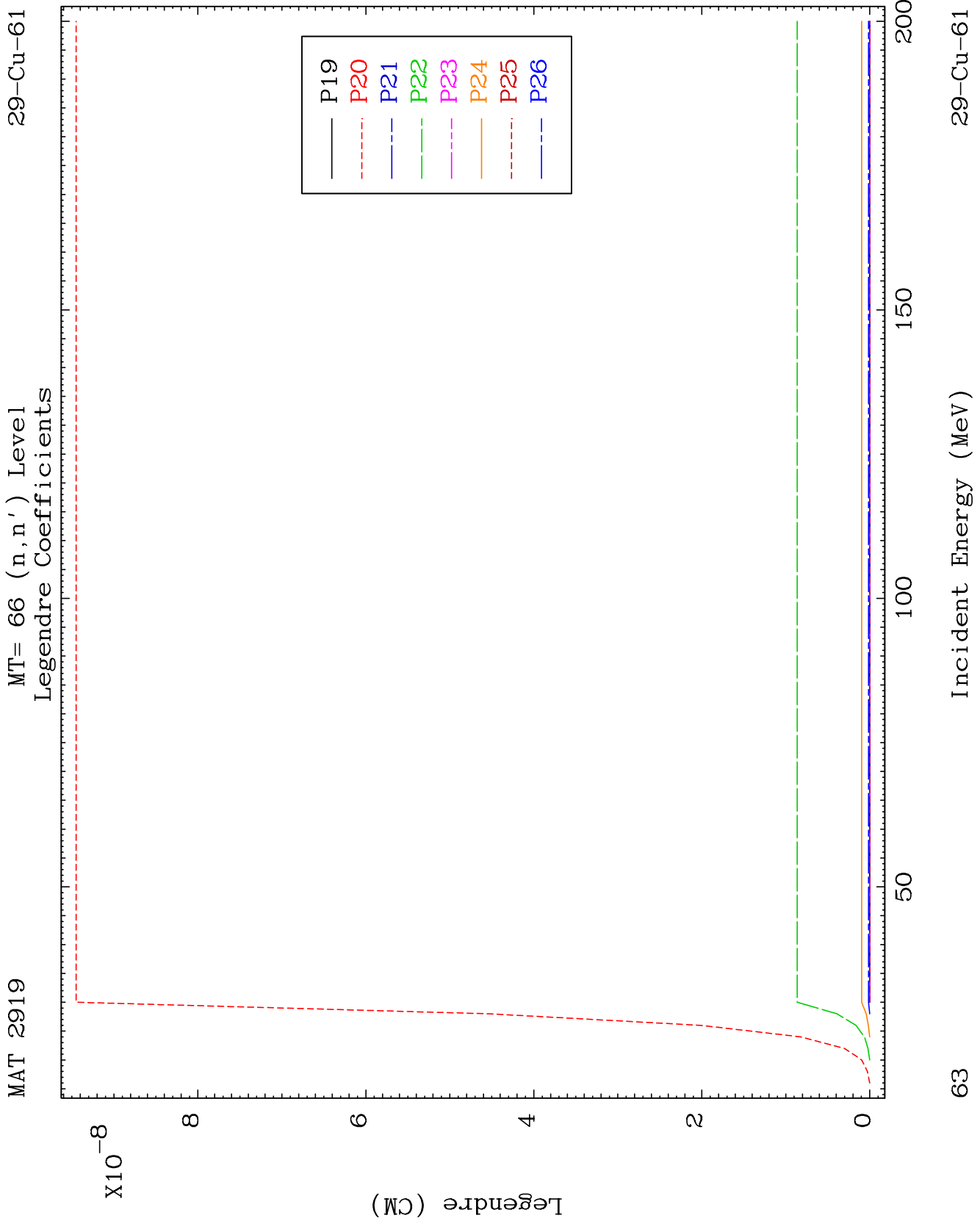


MAT 2919

MT= 66 (n,n') Level
Legendre Coefficients

29-Cu-61

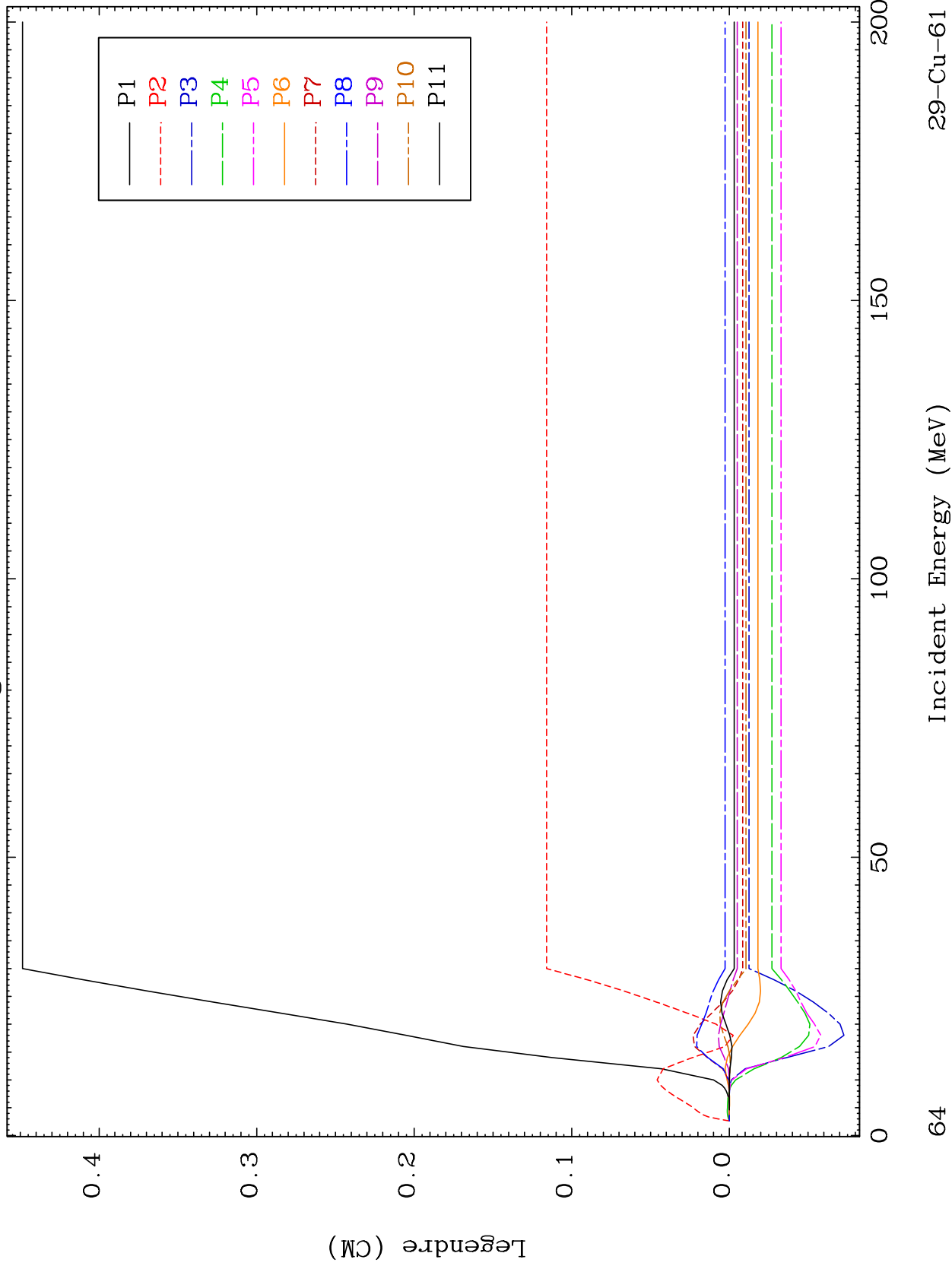




MAT 2919

MT= 67 (n,n') Level
Legendre Coefficients

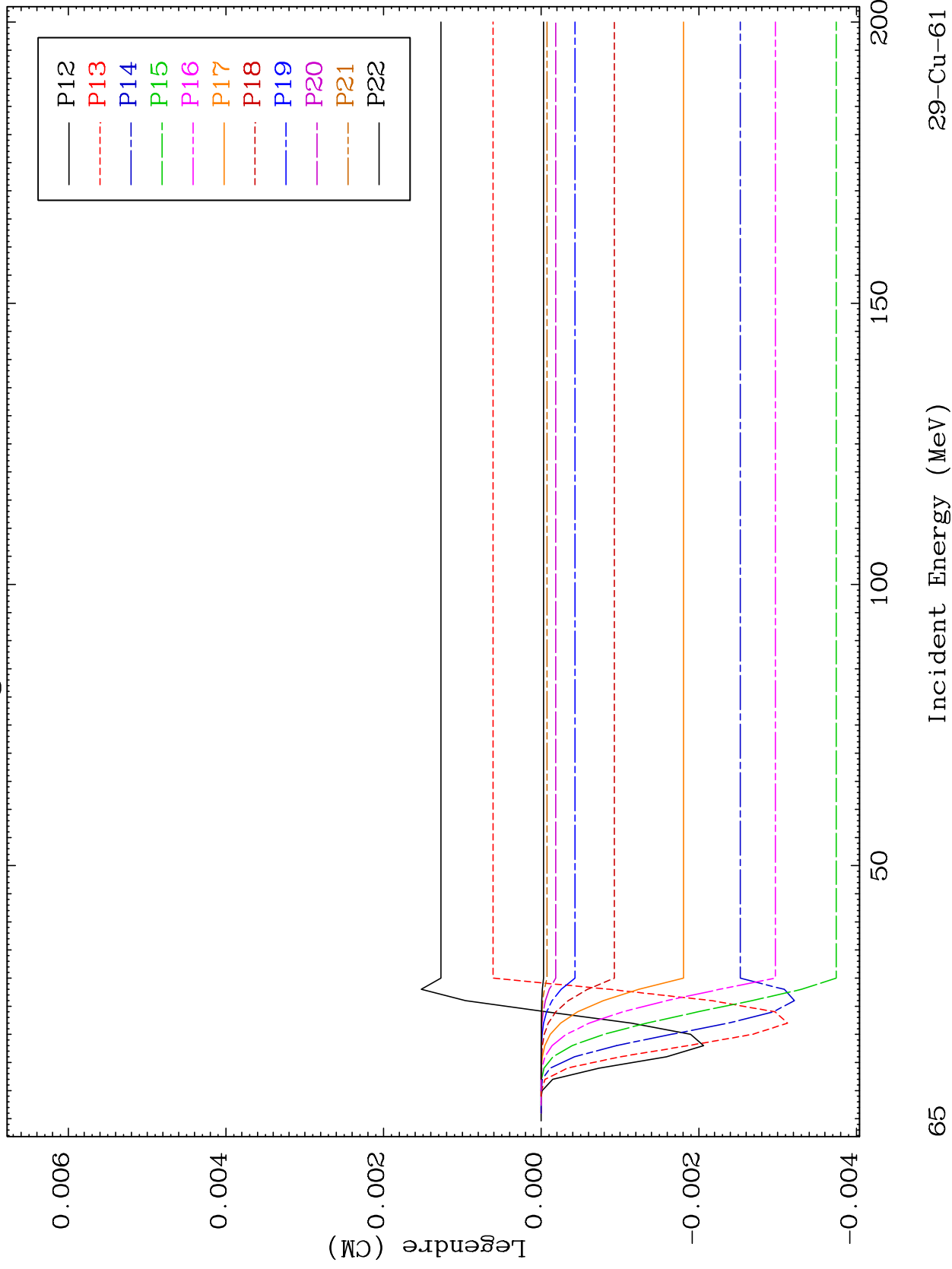
29-Cu-61



MAT 2919

MT= 67 (n,n') Level
Legendre Coefficients

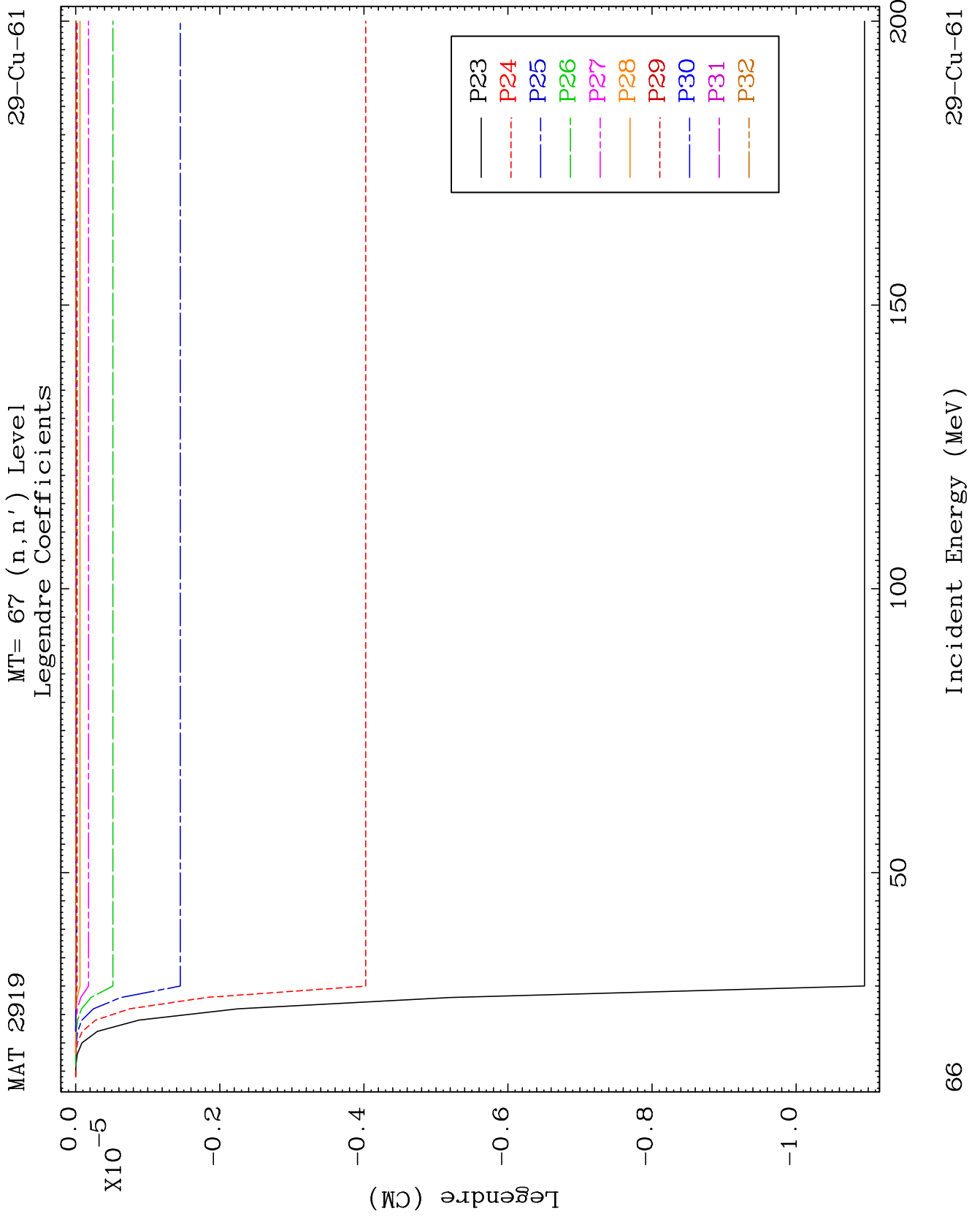
29-Cu-61



65

Incident Energy (MeV)

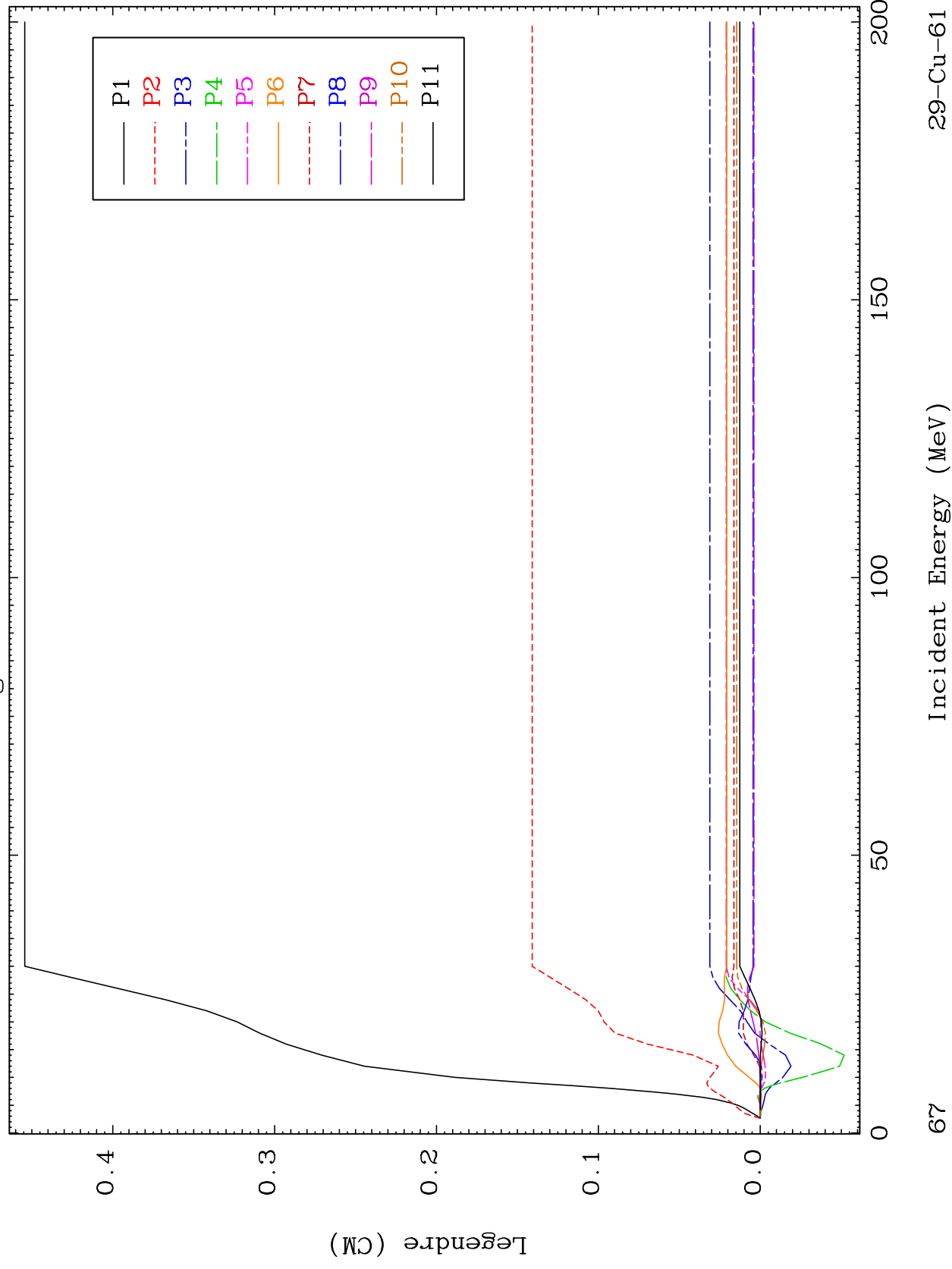
29-Cu-61



MAT 2919

MT= 68 (n,n') Level
Legendre Coefficients

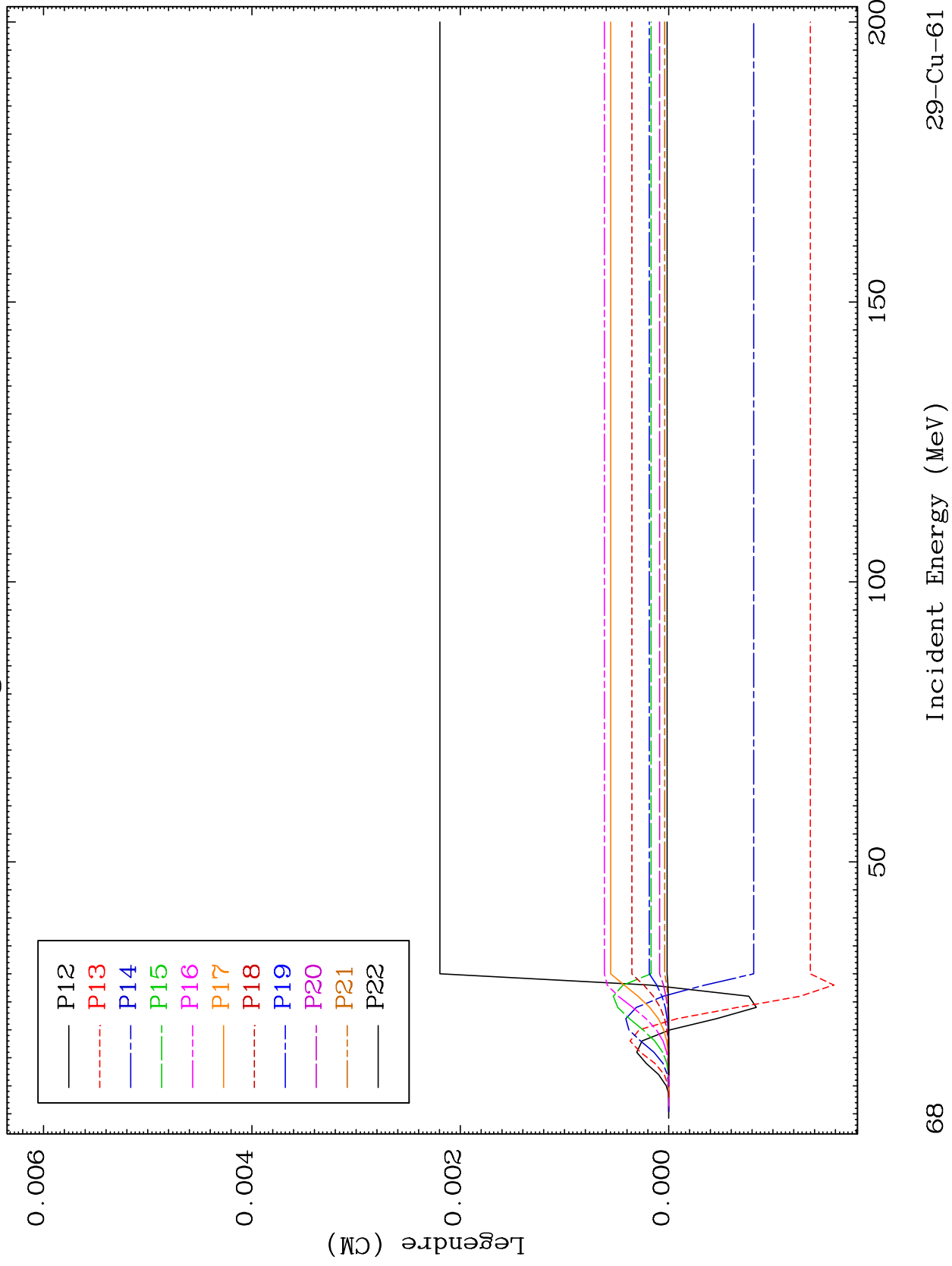
29-Cu-61



MAT 2919

MT= 68 (n,n') Level
Legendre Coefficients

29-Cu-61

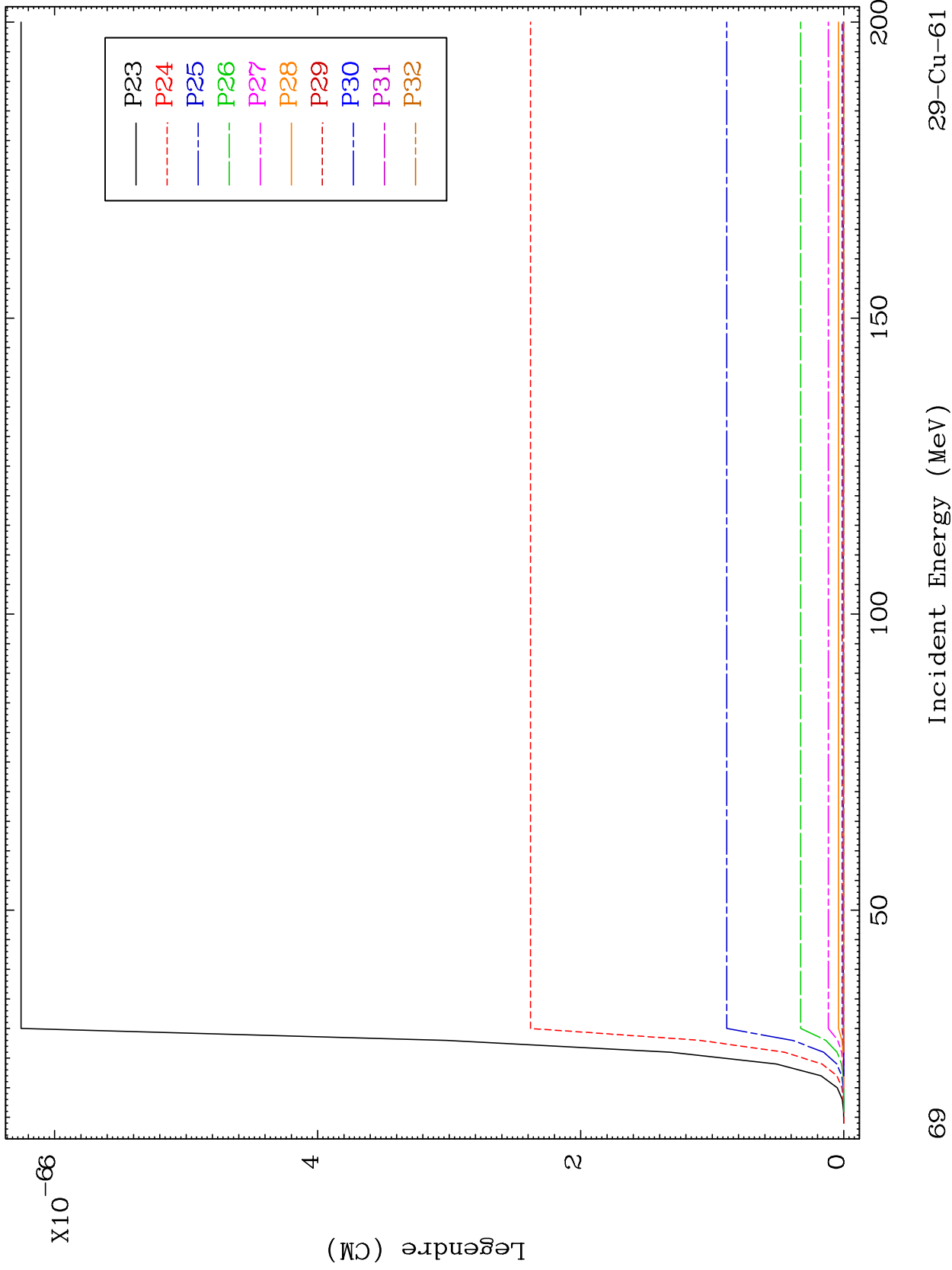


68

MAT 2919

MT= 68 (n,n') Level
Legendre Coefficients

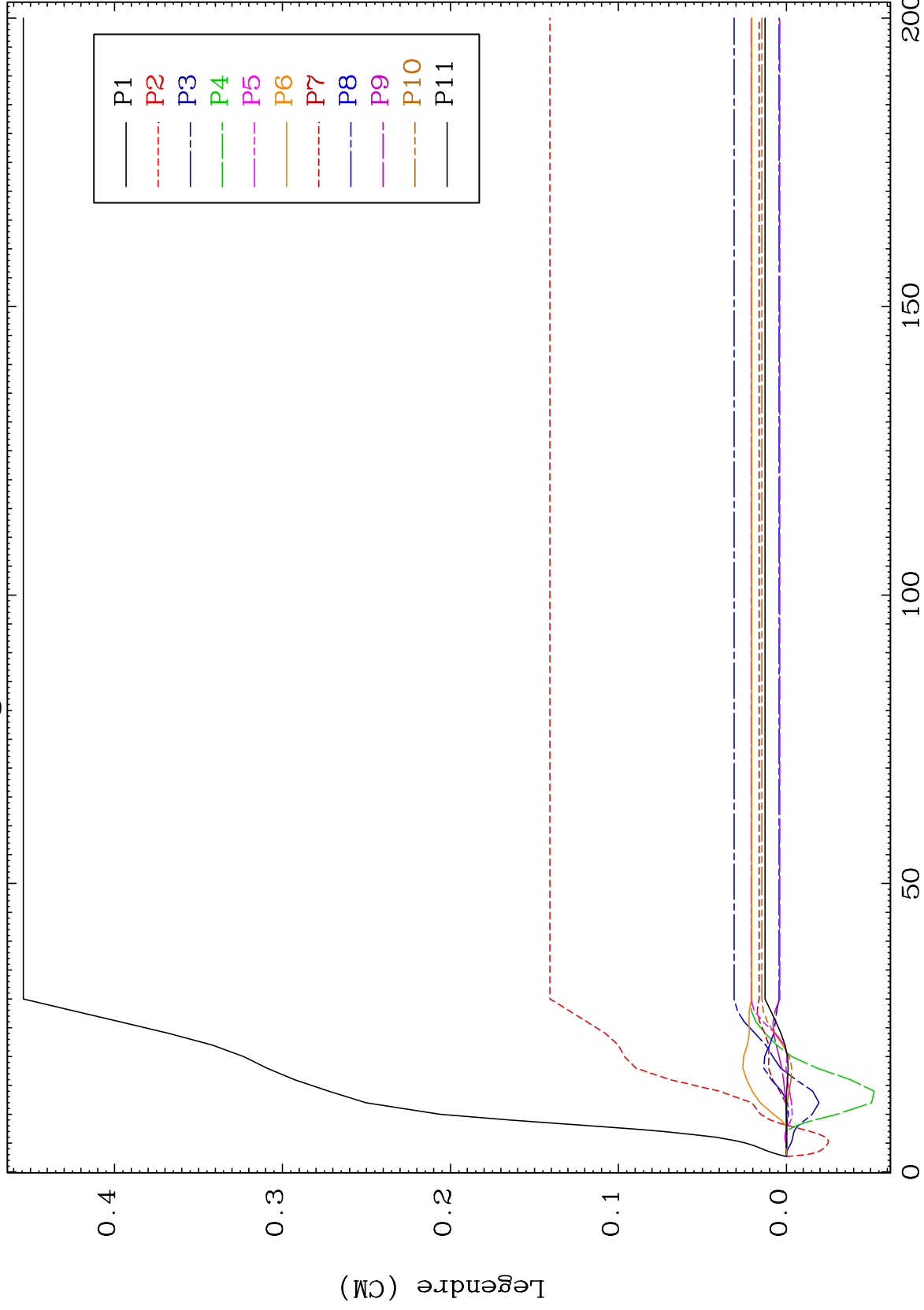
29-Cu-61



MAT 2919

MT= 69 (n,n') Level
Legendre Coefficients

29-Cu-61



29-Cu-61

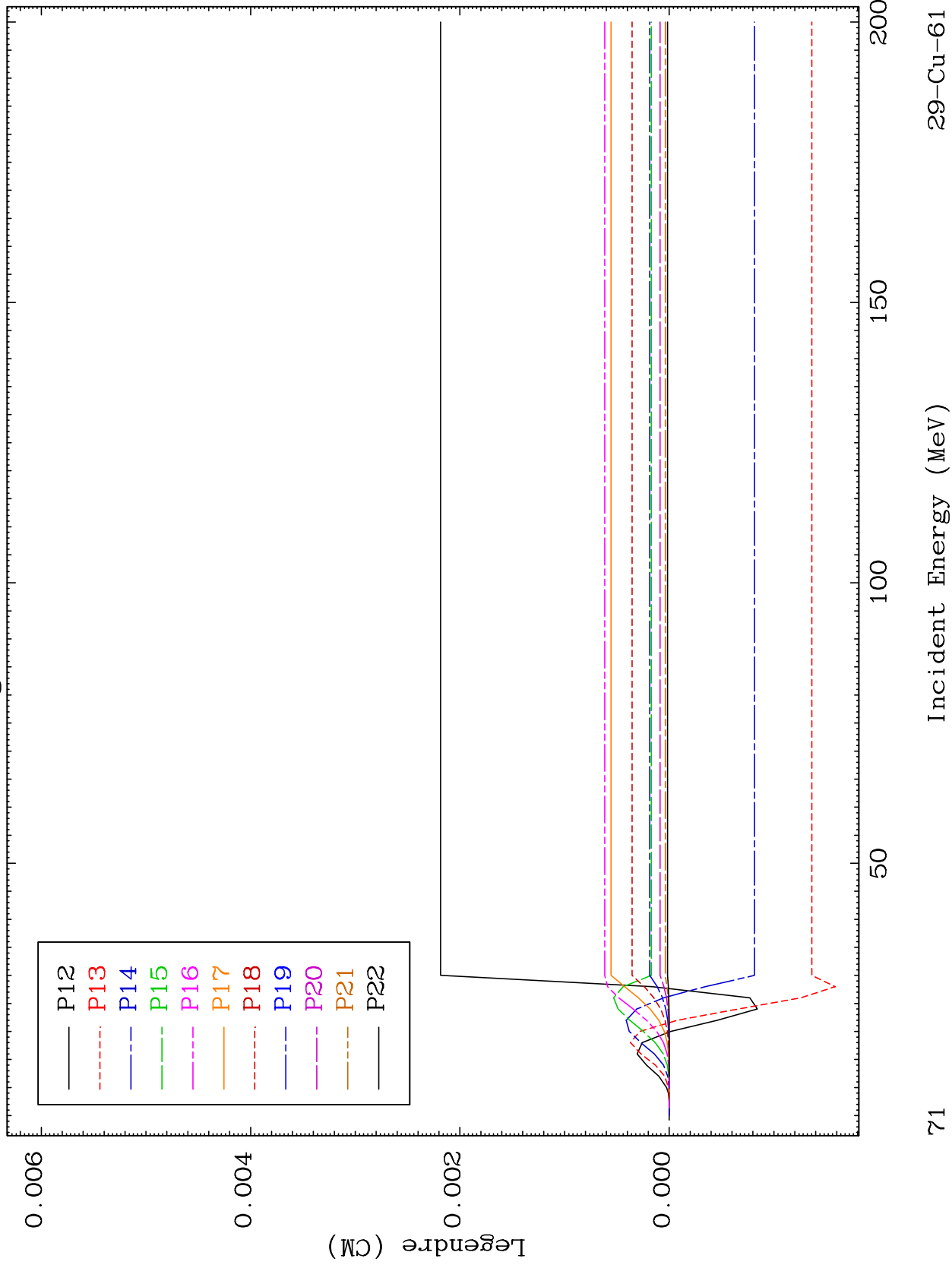
Incident Energy (MeV)

70

MAT 2919

MT= 69 (n,n') Level
Legendre Coefficients

29-Cu-61



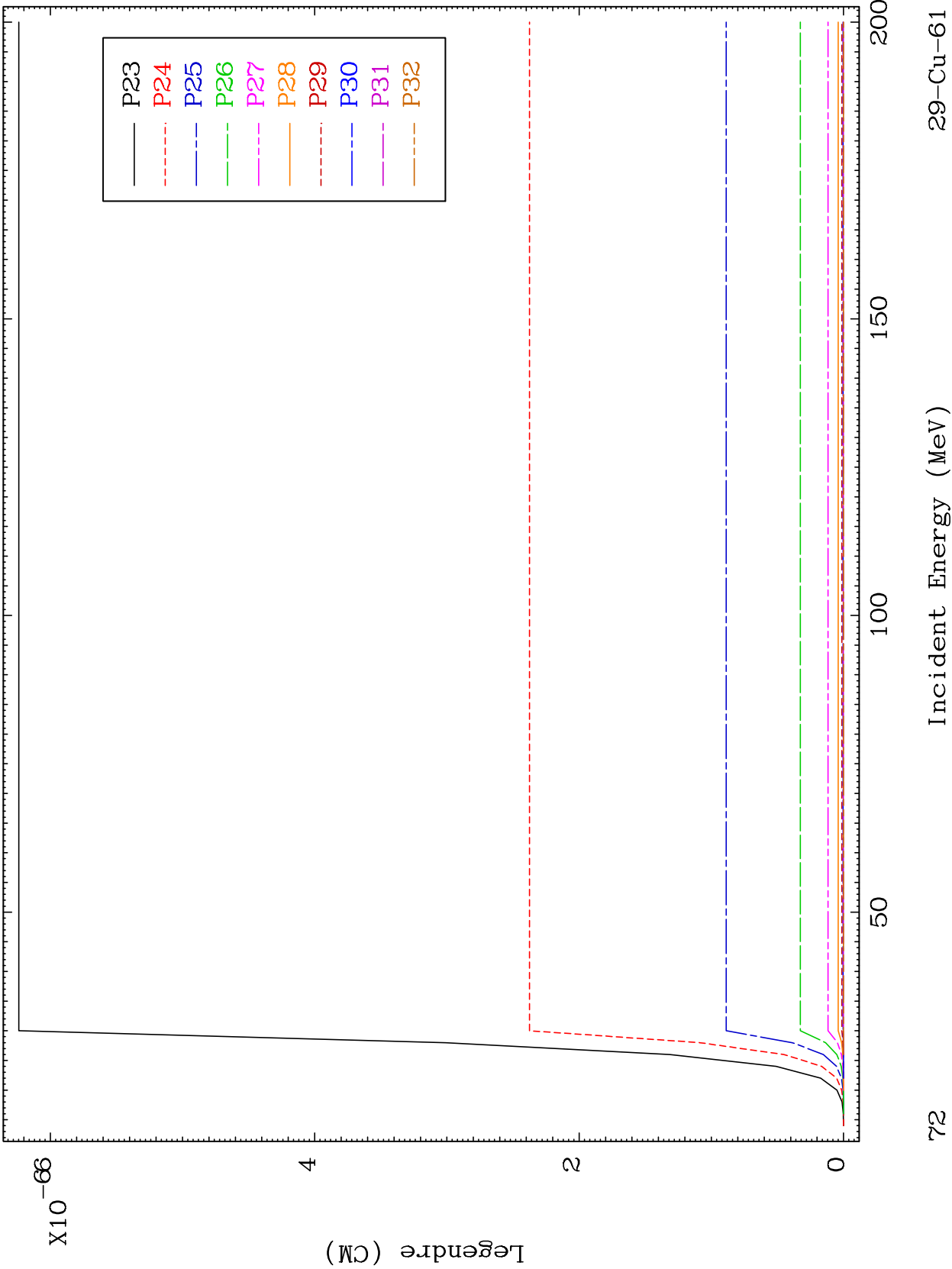
71

29-Cu-61

MAT 2919

MT= 69 (n,n') Level
Legendre Coefficients

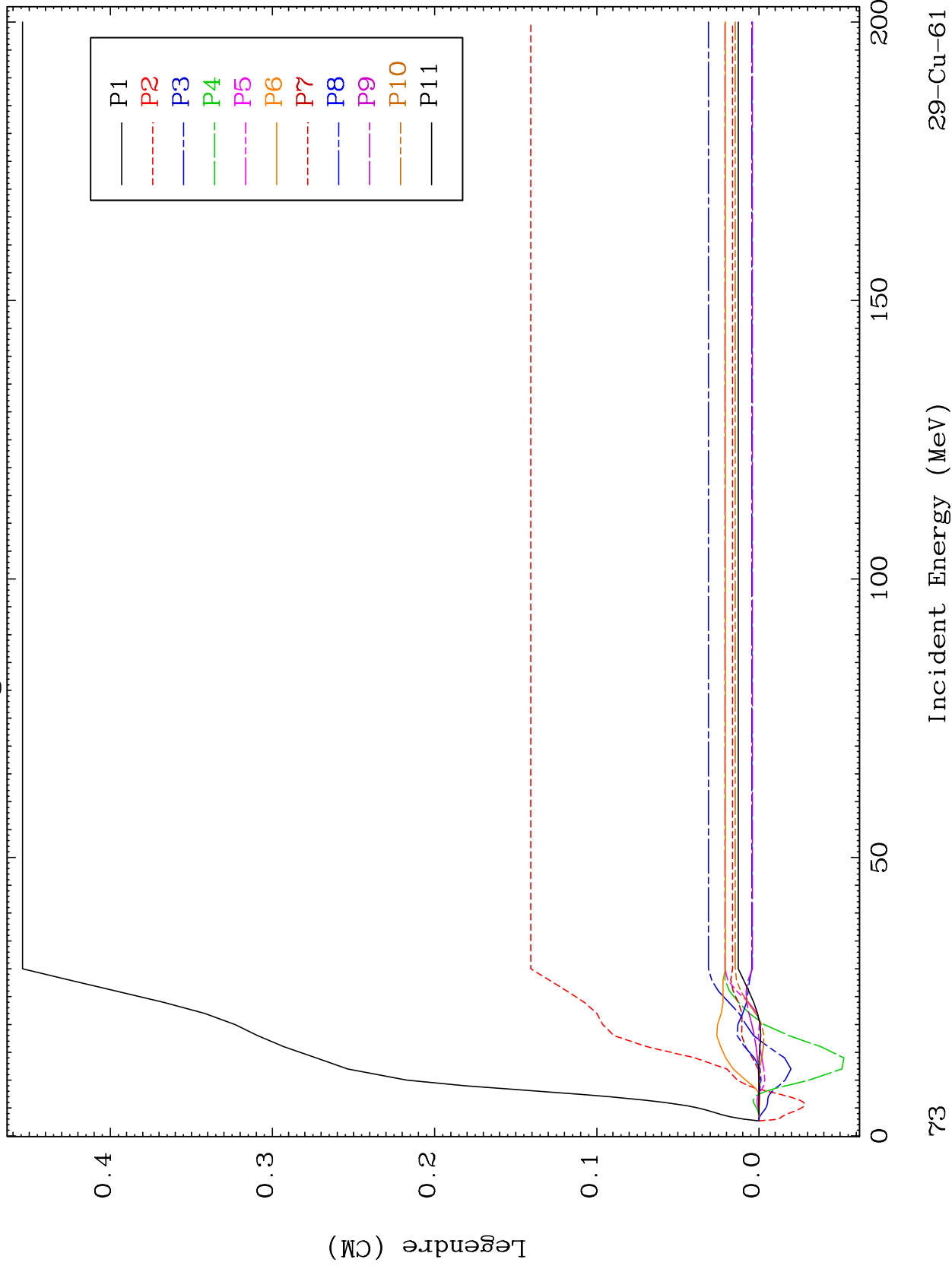
29-Cu-61



MAT 2919

MT= 70 (n,n') Level
Legendre Coefficients

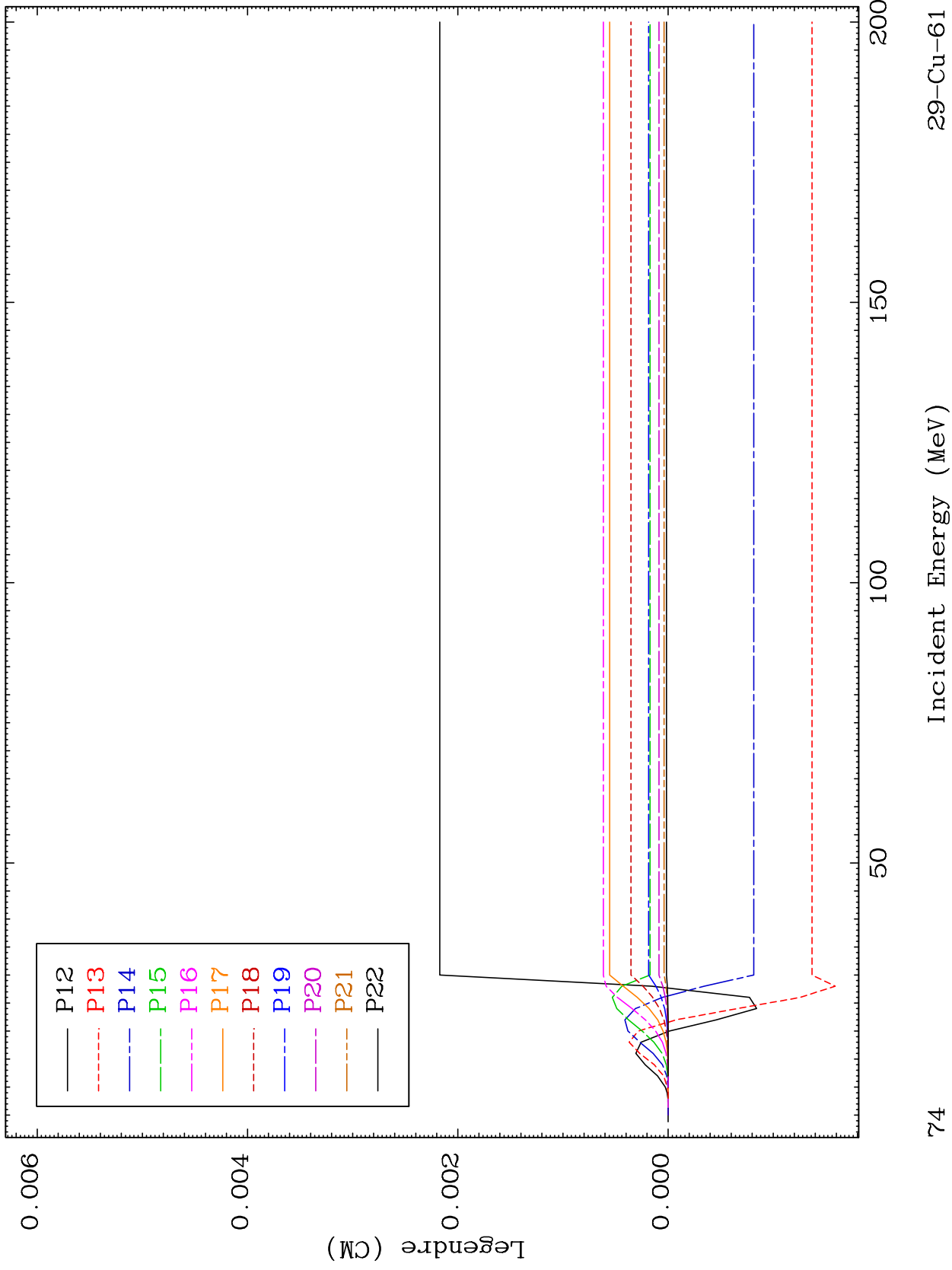
29-Cu-61



MAT 2919

MT= 70 (n,n') Level
Legendre Coefficients

29-Cu-61



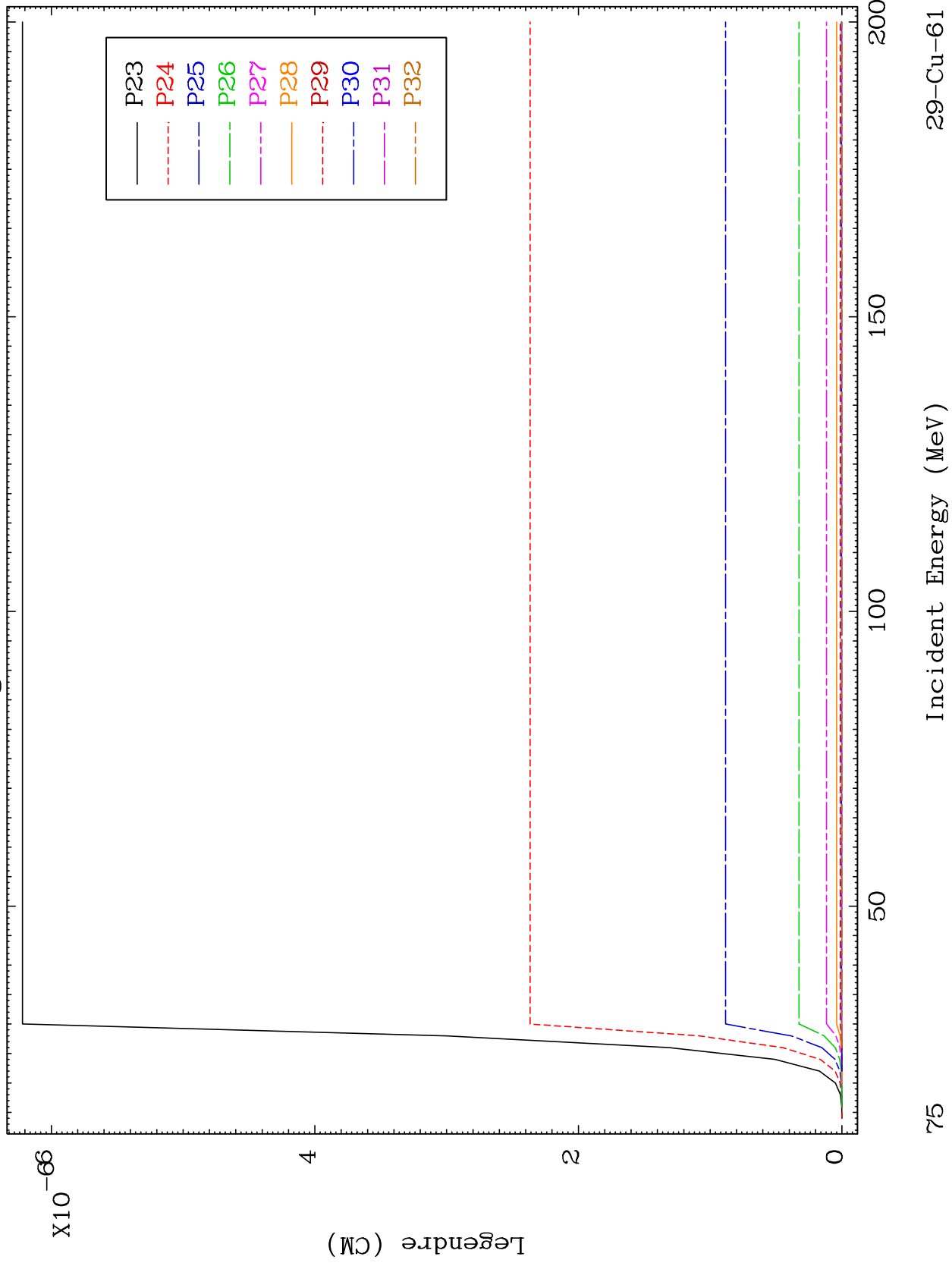
74

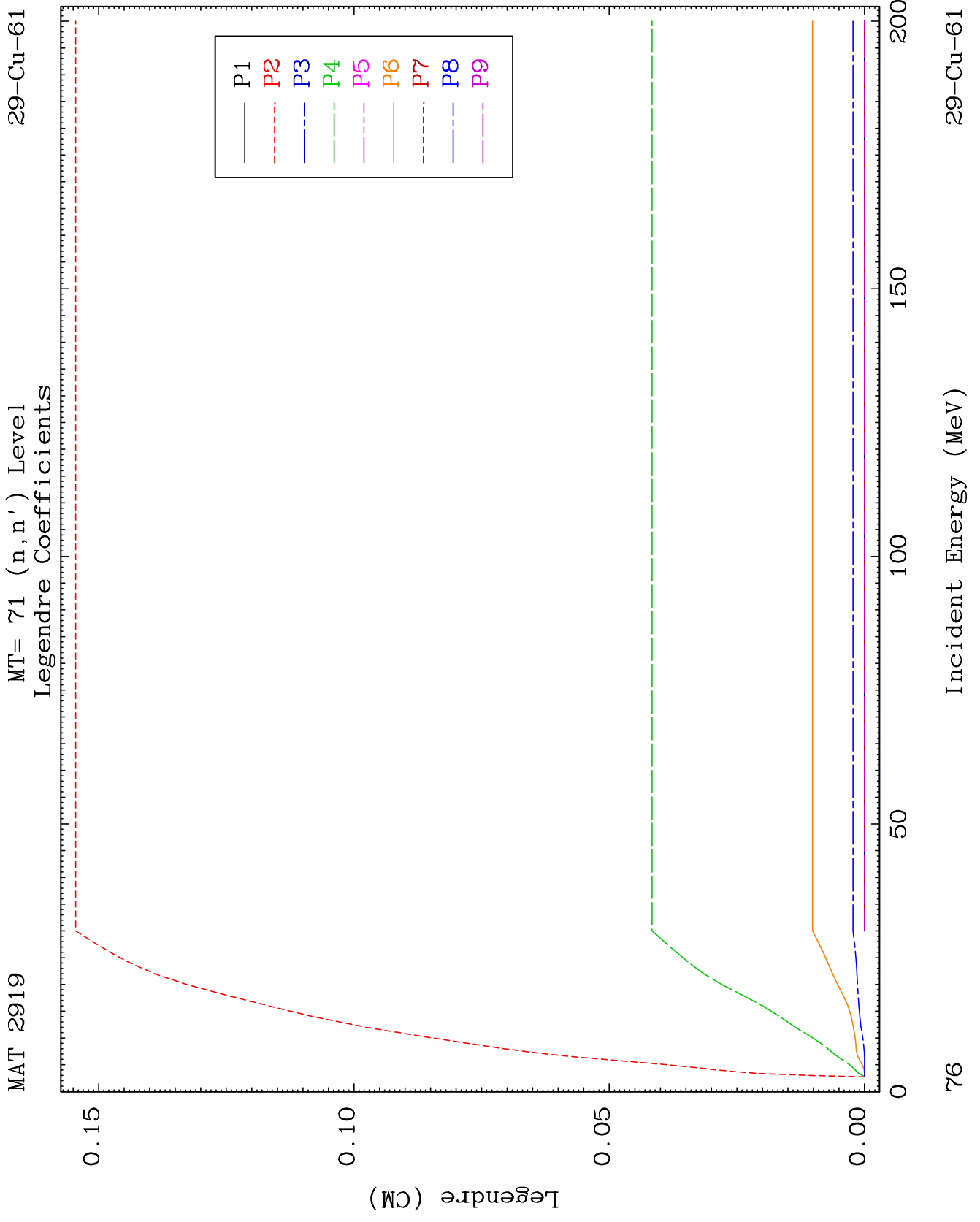
29-Cu-61

MAT 2919

MT= 70 (n,n') Level
Legendre Coefficients

29-Cu-61

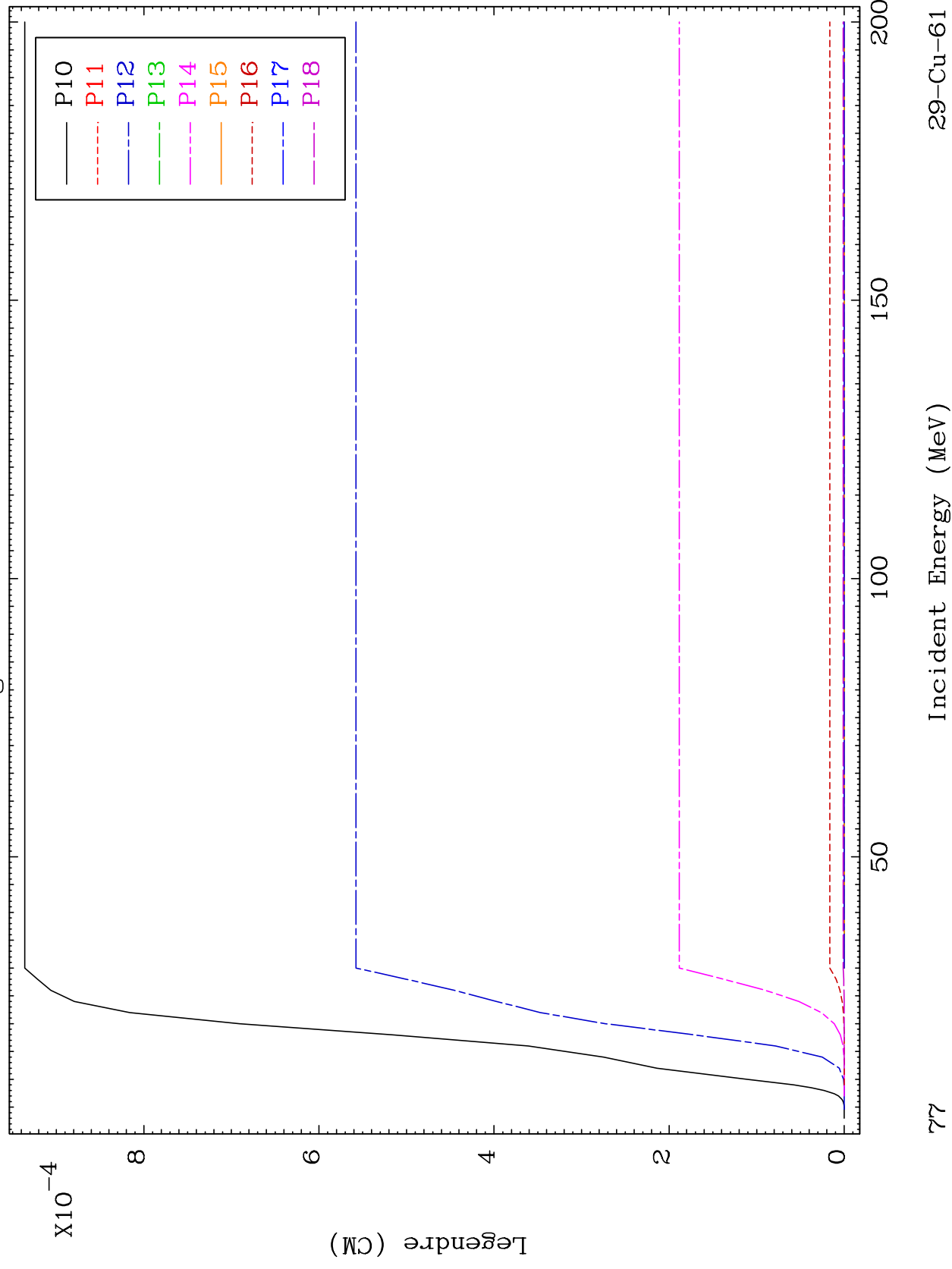




MAT 2919

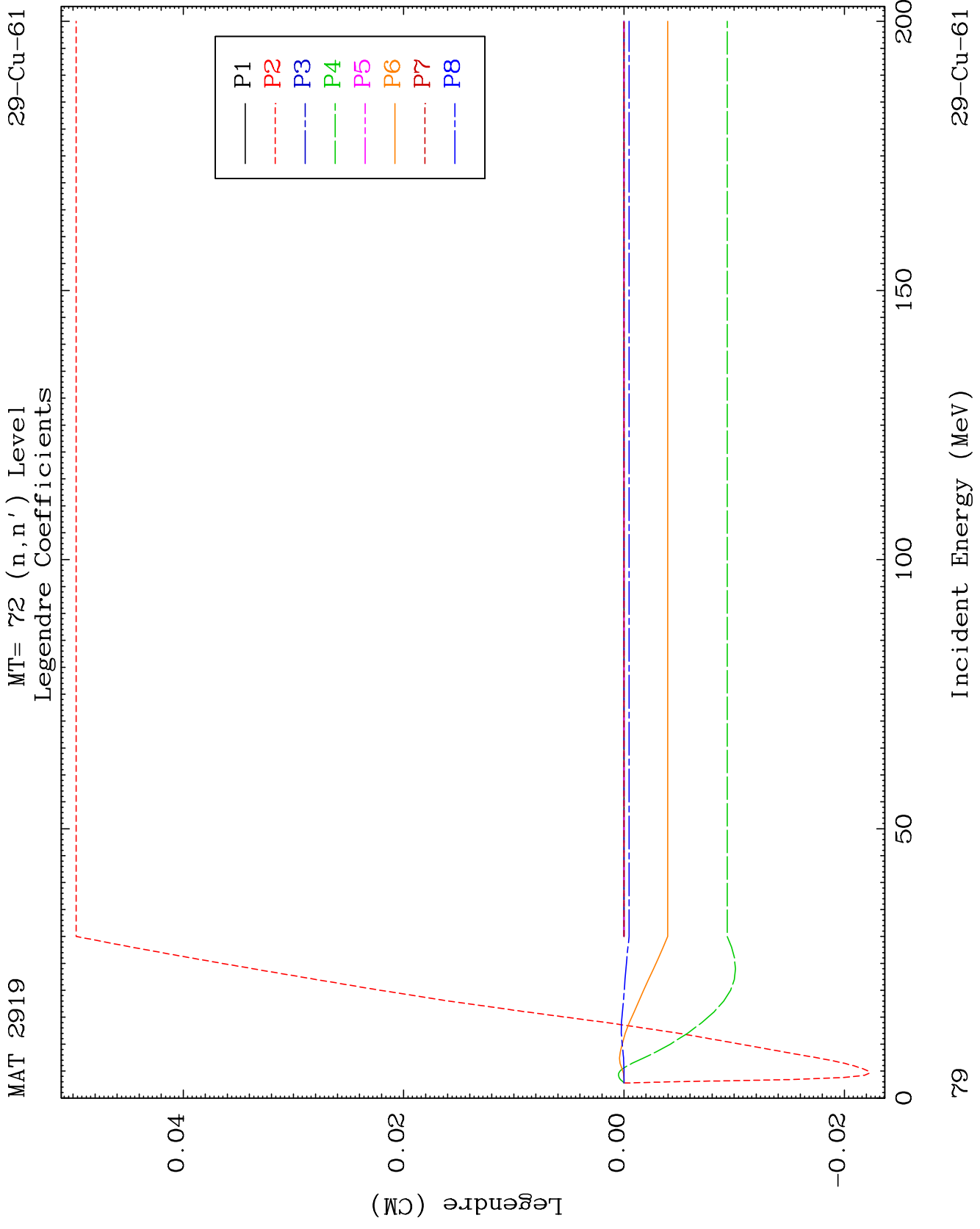
MT= 71 (n,n') Level
Legendre Coefficients

29-Cu-61



77

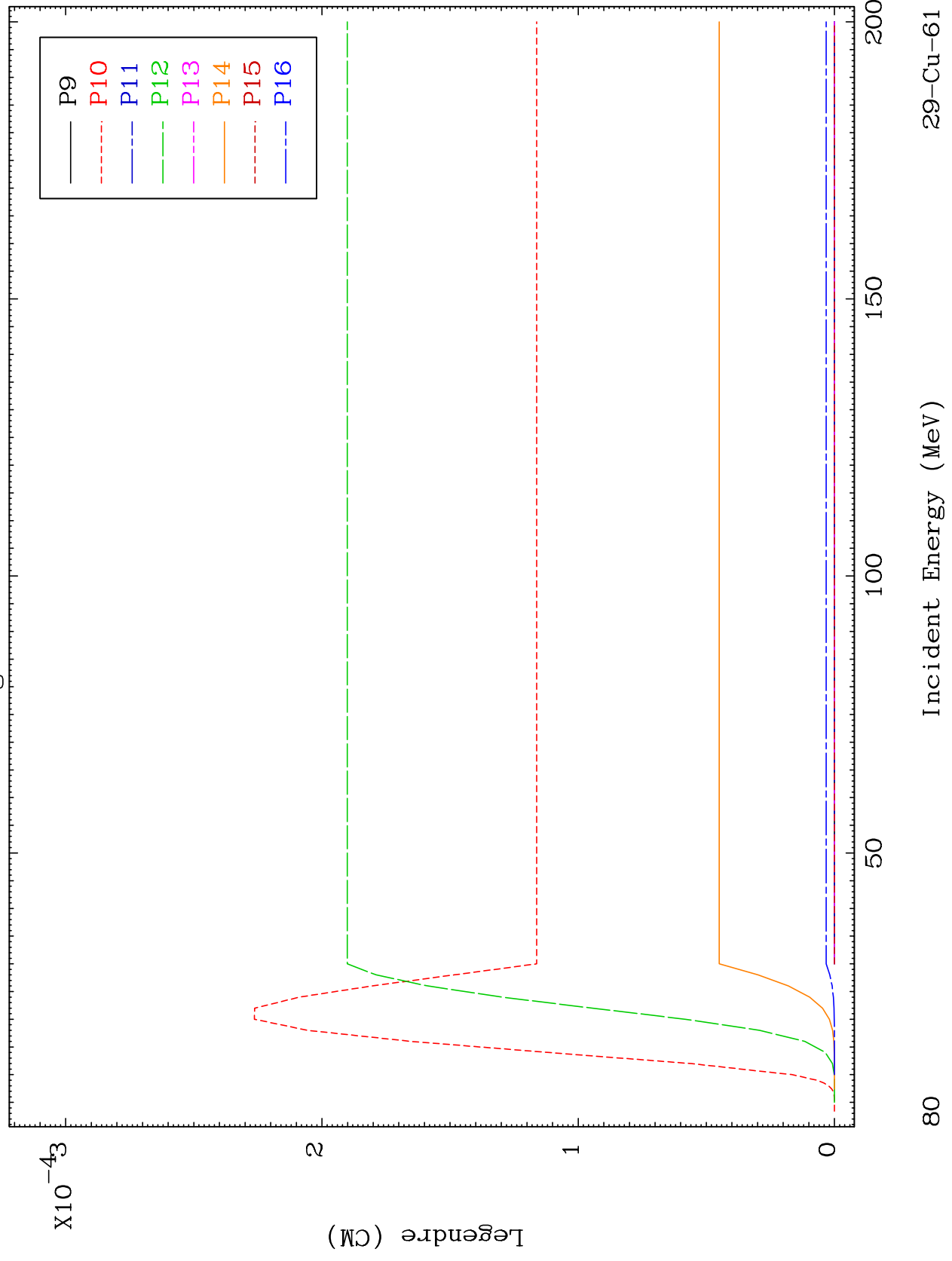
29-Cu-61

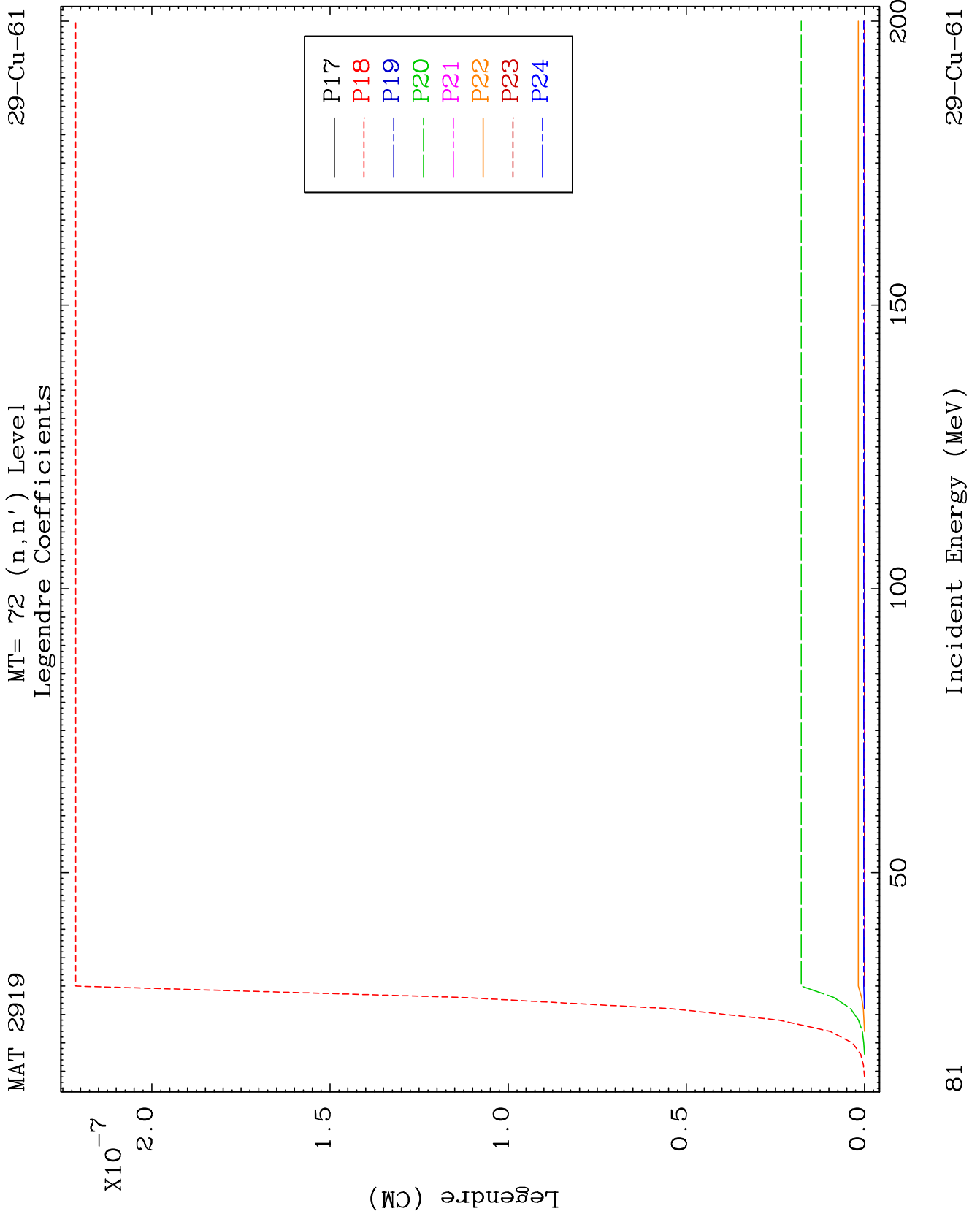


MAT 2919

MT= 72 (n,n') Level
Legendre Coefficients

29-Cu-61

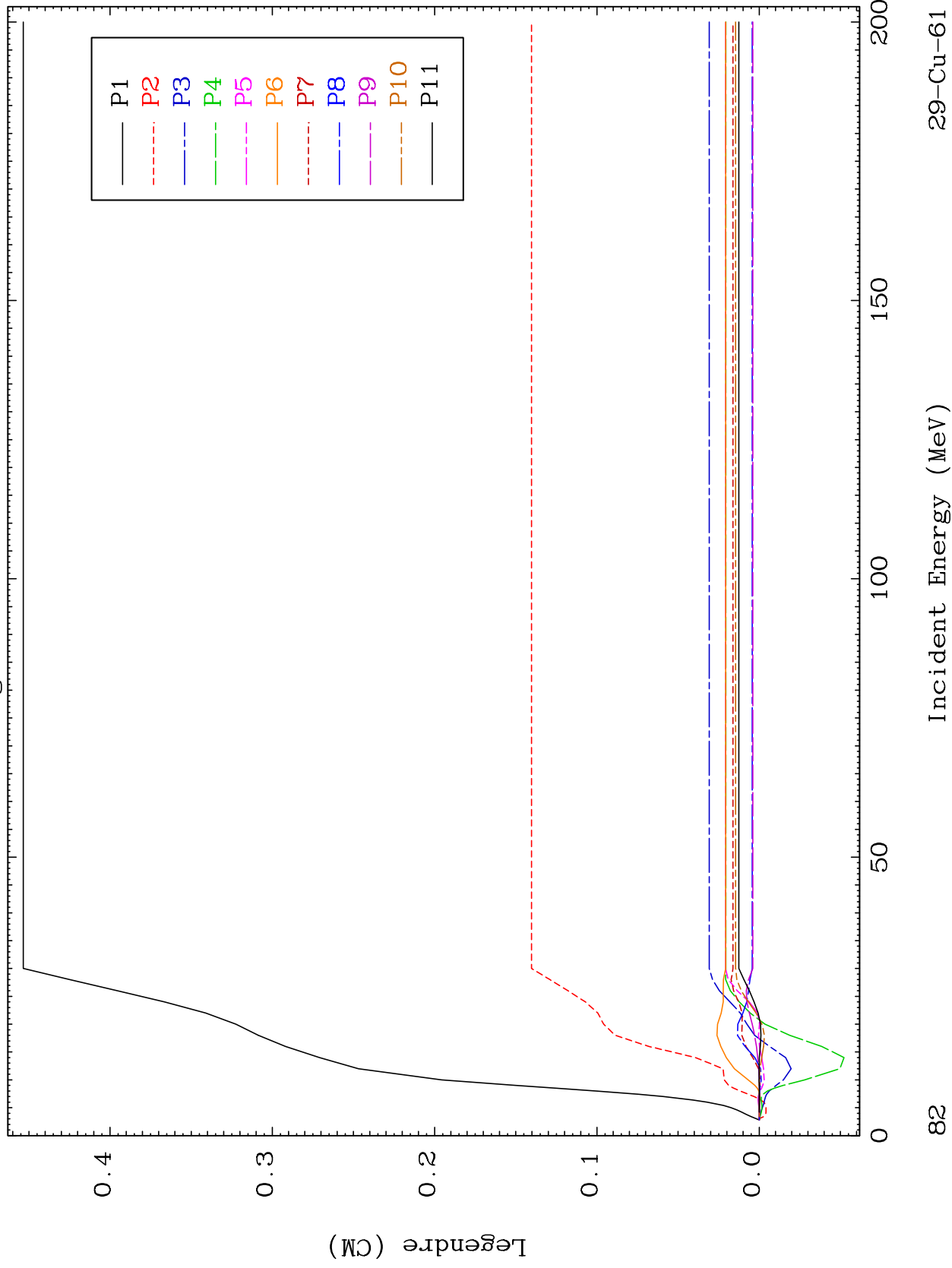




MAT 2919

MT= 73 (n,n') Level
Legendre Coefficients

29-Cu-61



82

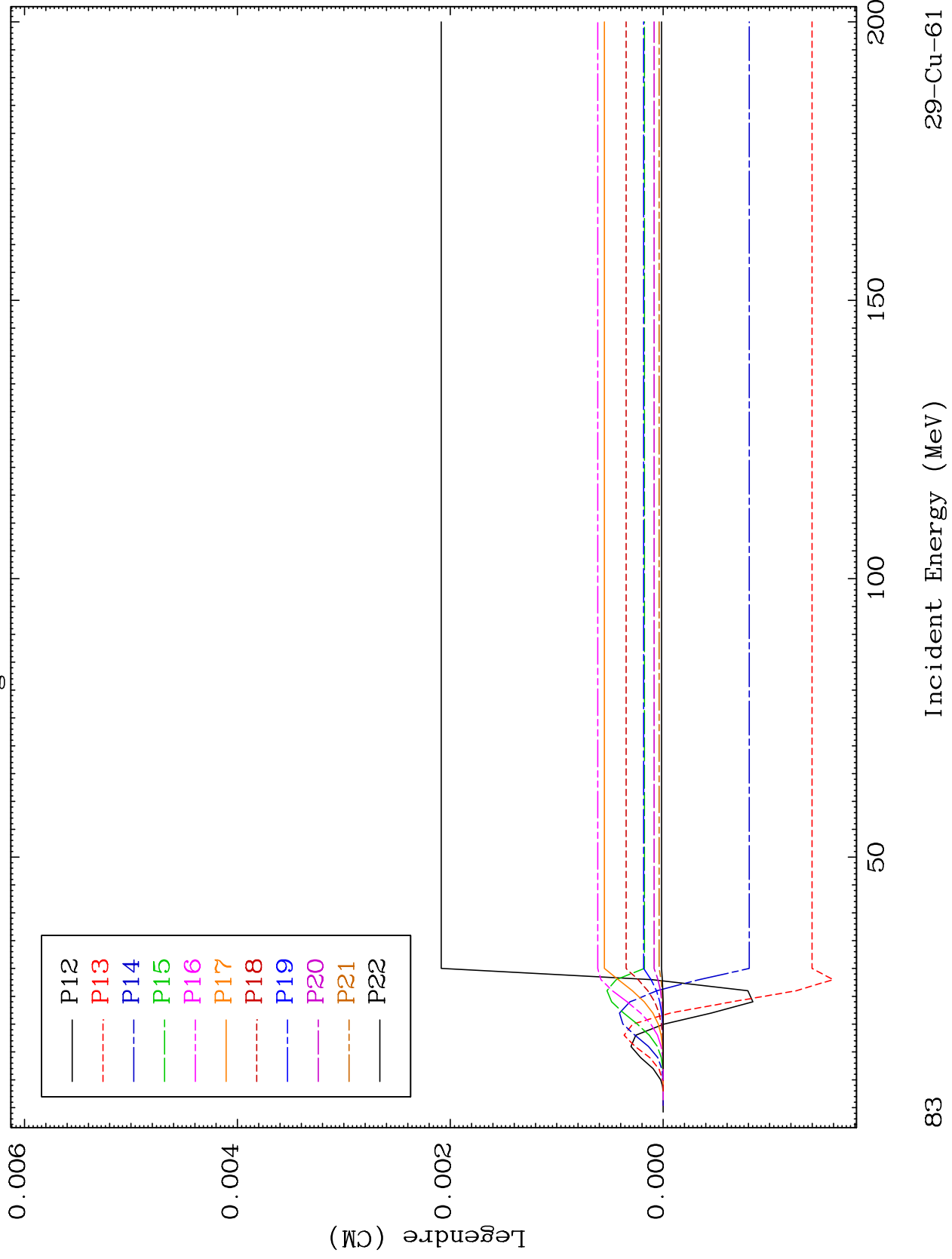
Incident Energy (MeV)

29-Cu-61

MAT 2919

MT= 73 (n,n') Level
Legendre Coefficients

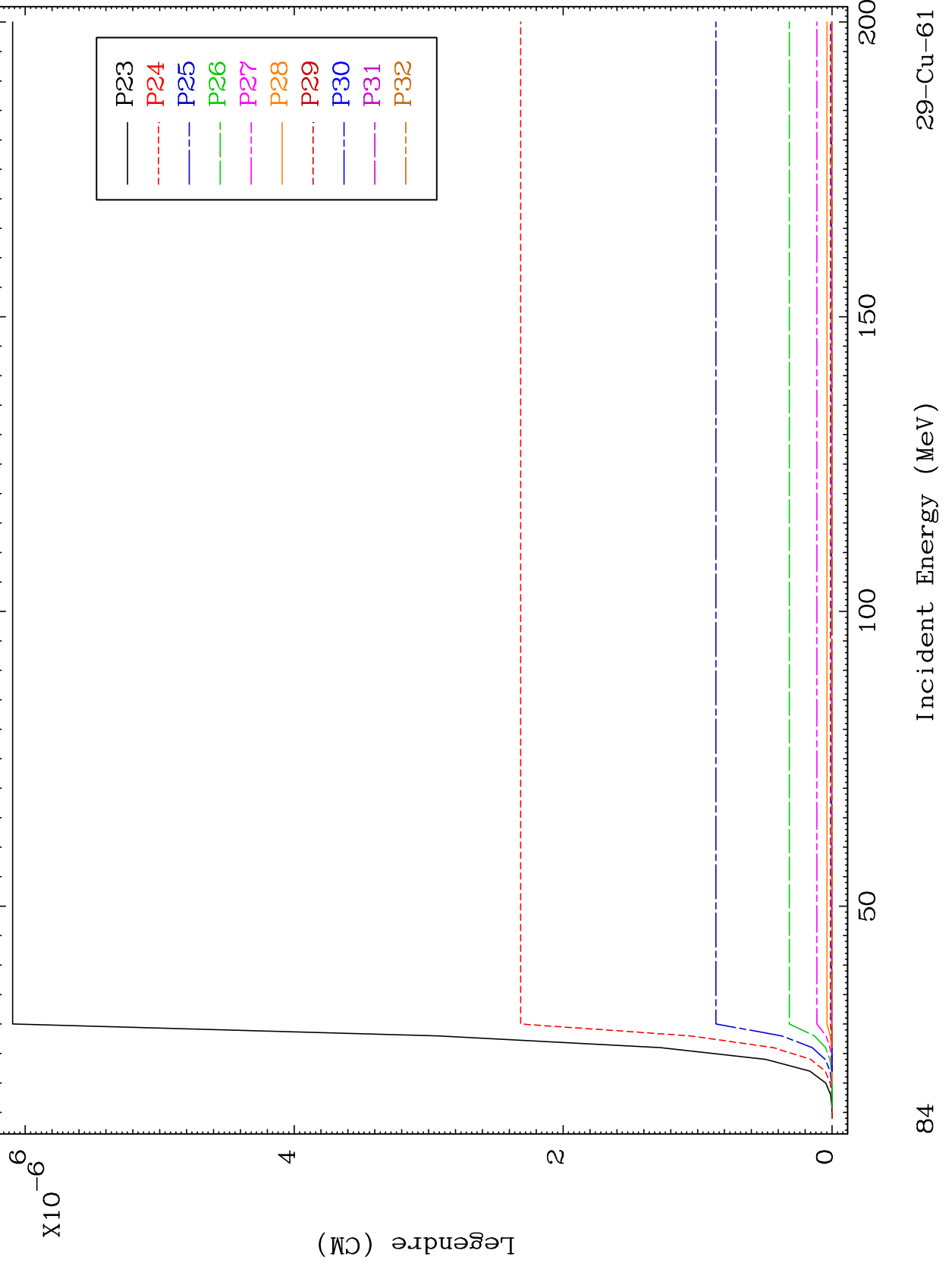
29-Cu-61



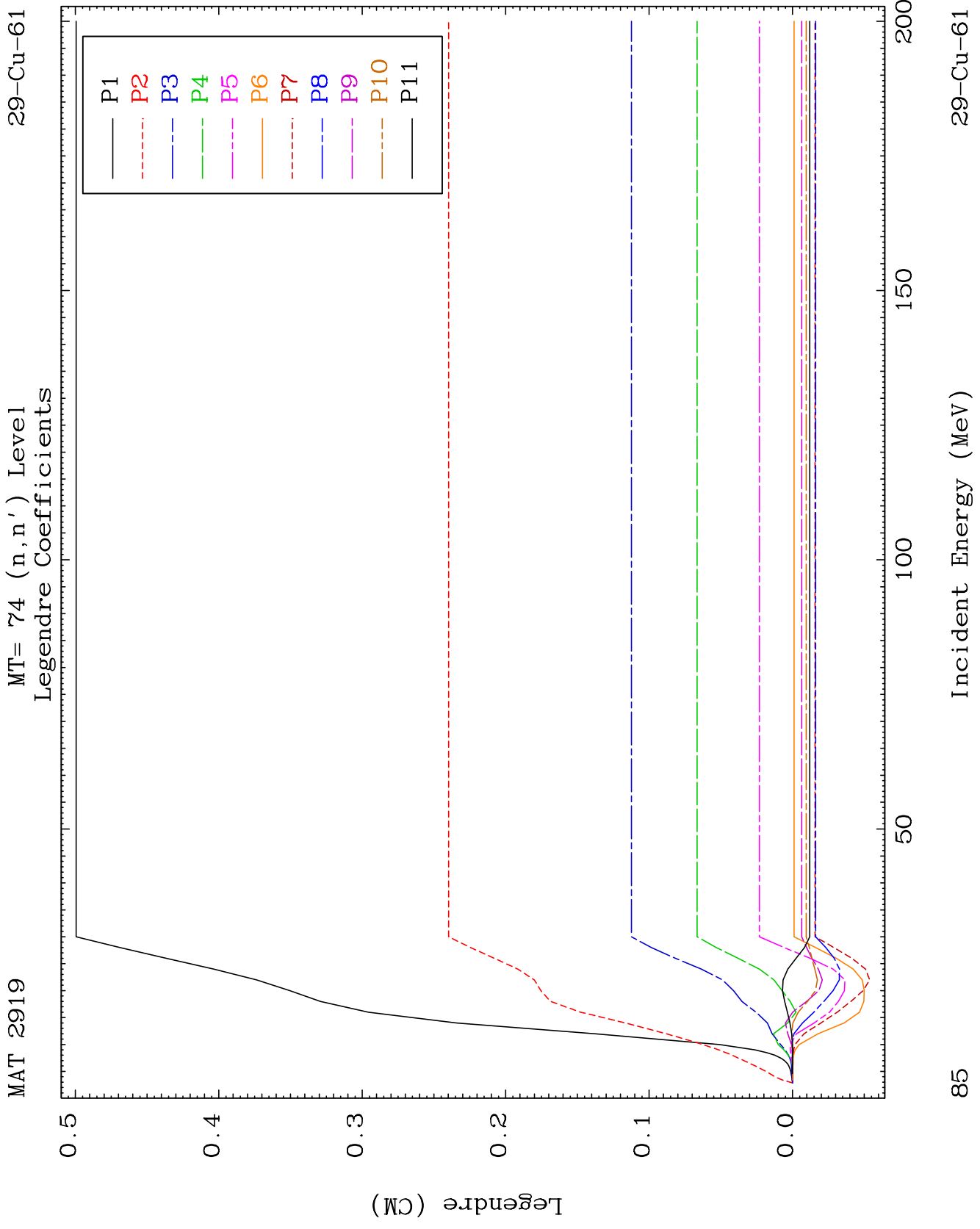
MAT 2919

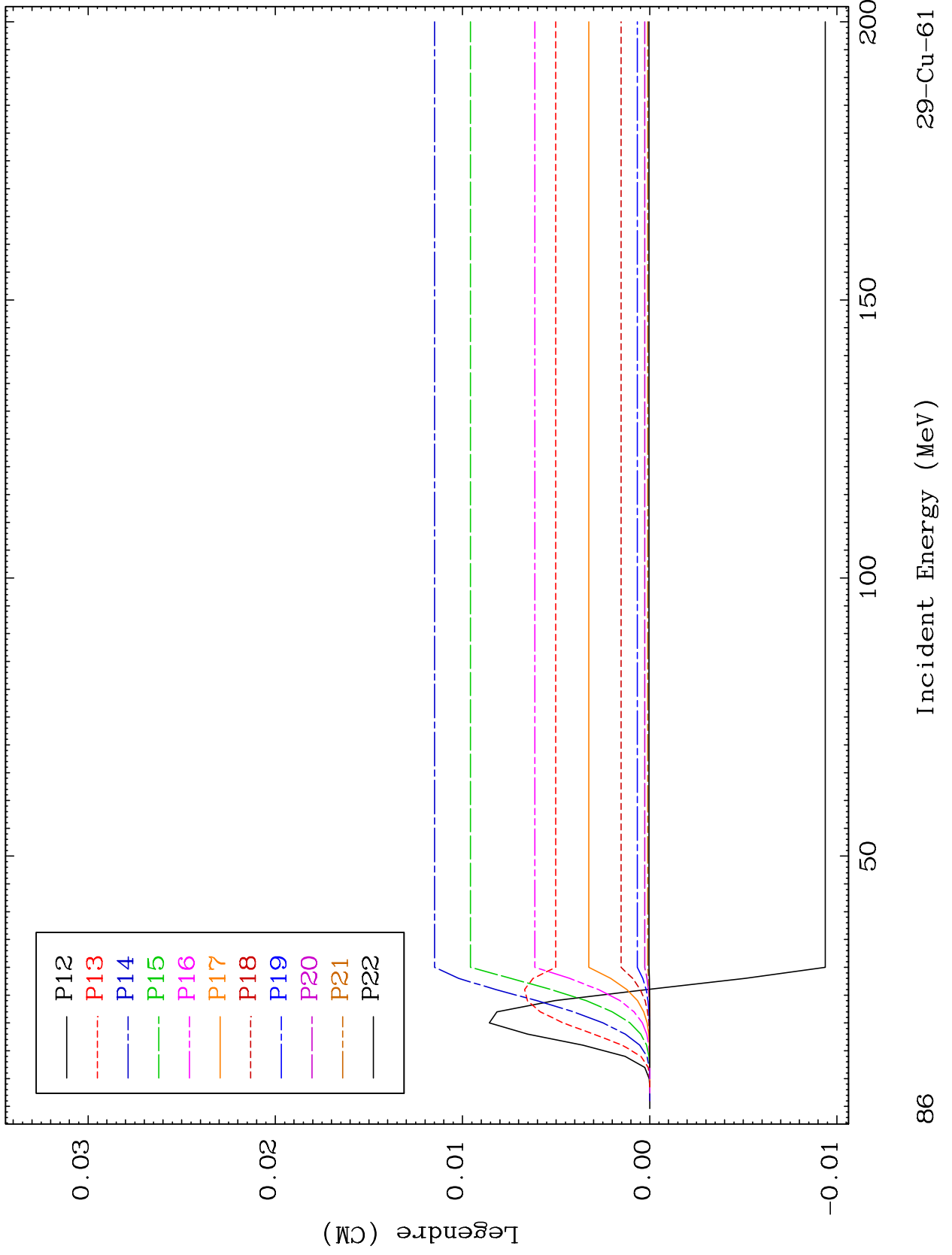
MT= 73 (n,n') Level
Legendre Coefficients

29-Cu-61



84

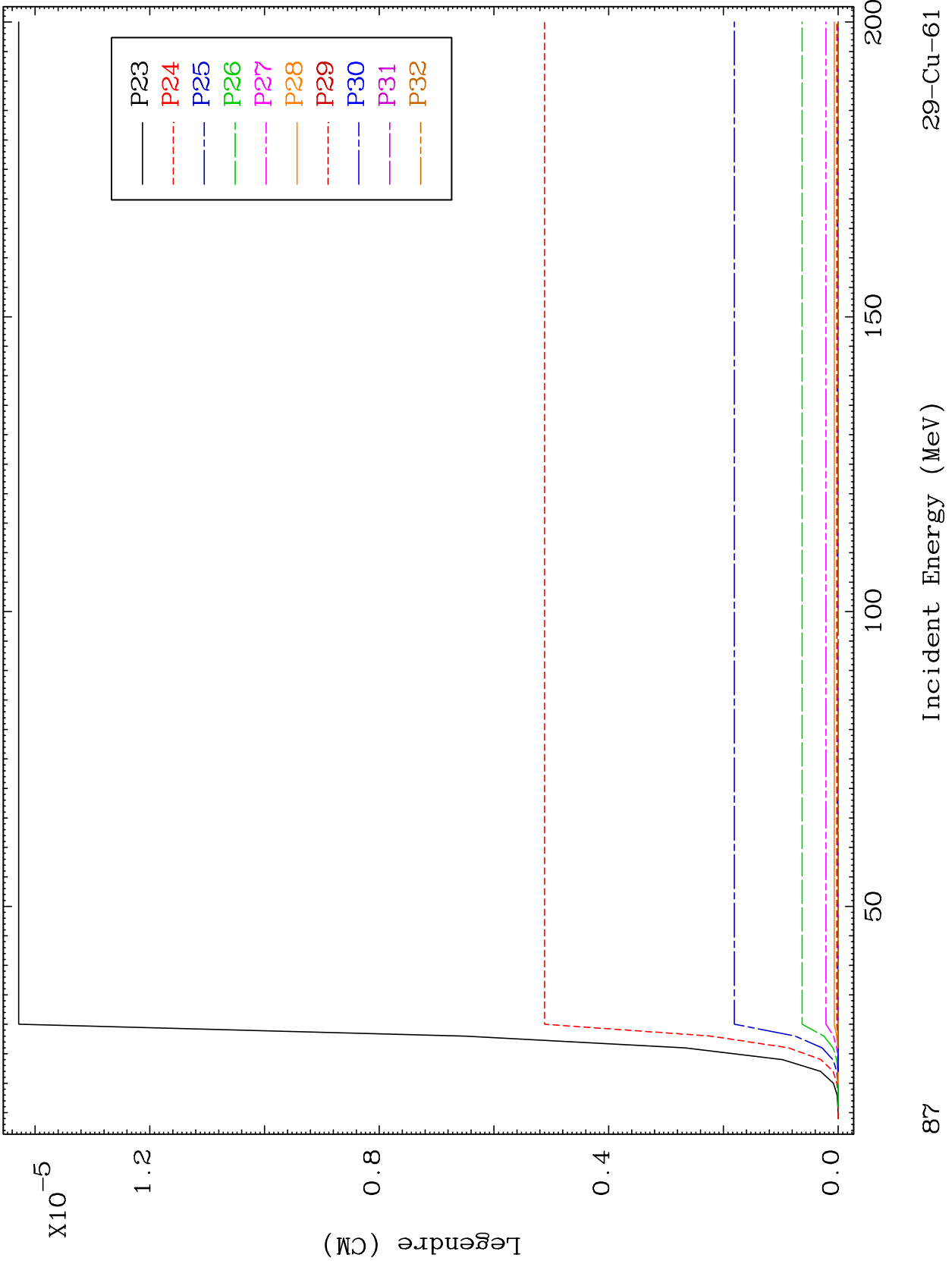




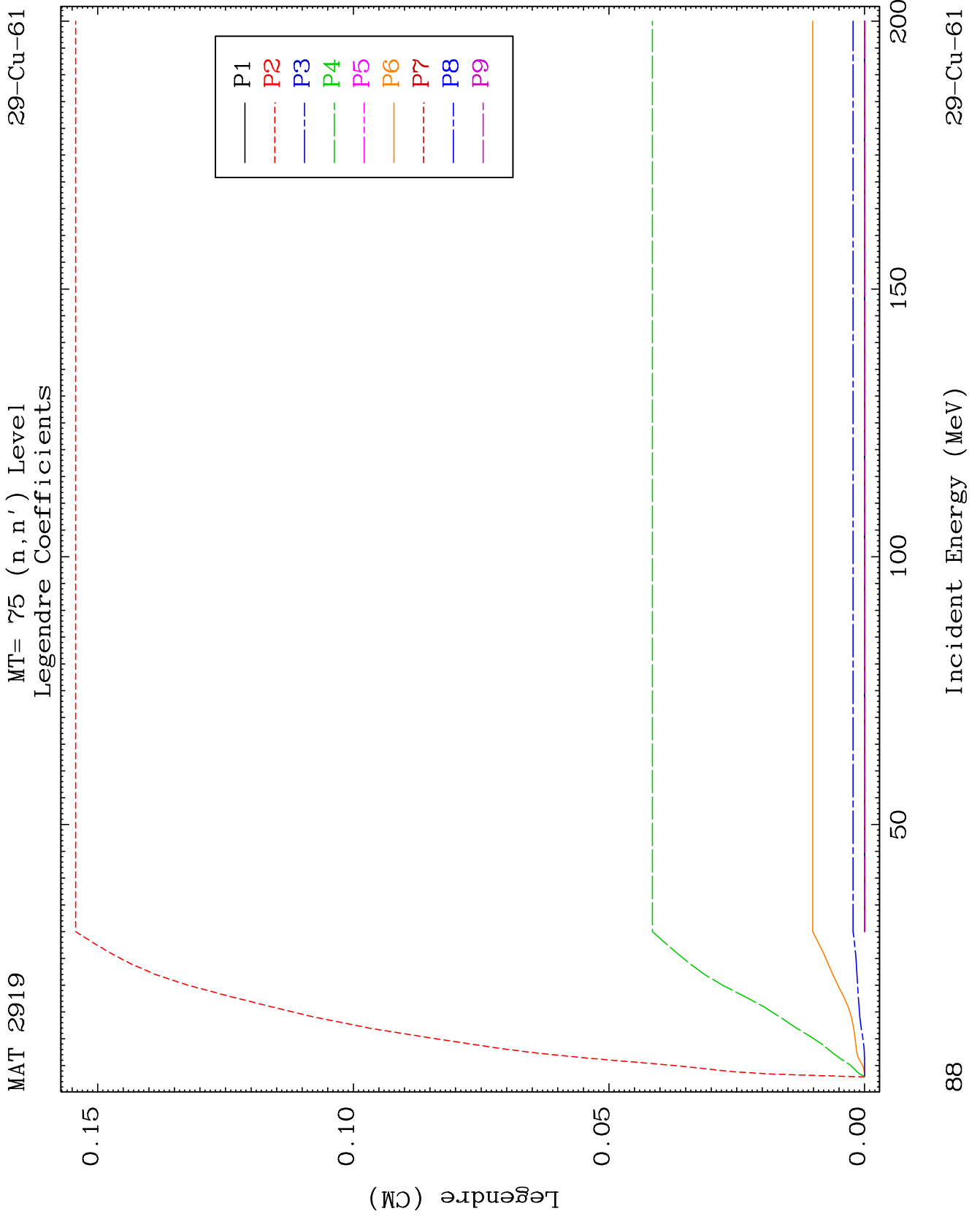
MAT 2919

MT= 74 (n,n') Level
Legendre Coefficients

29-Cu-61



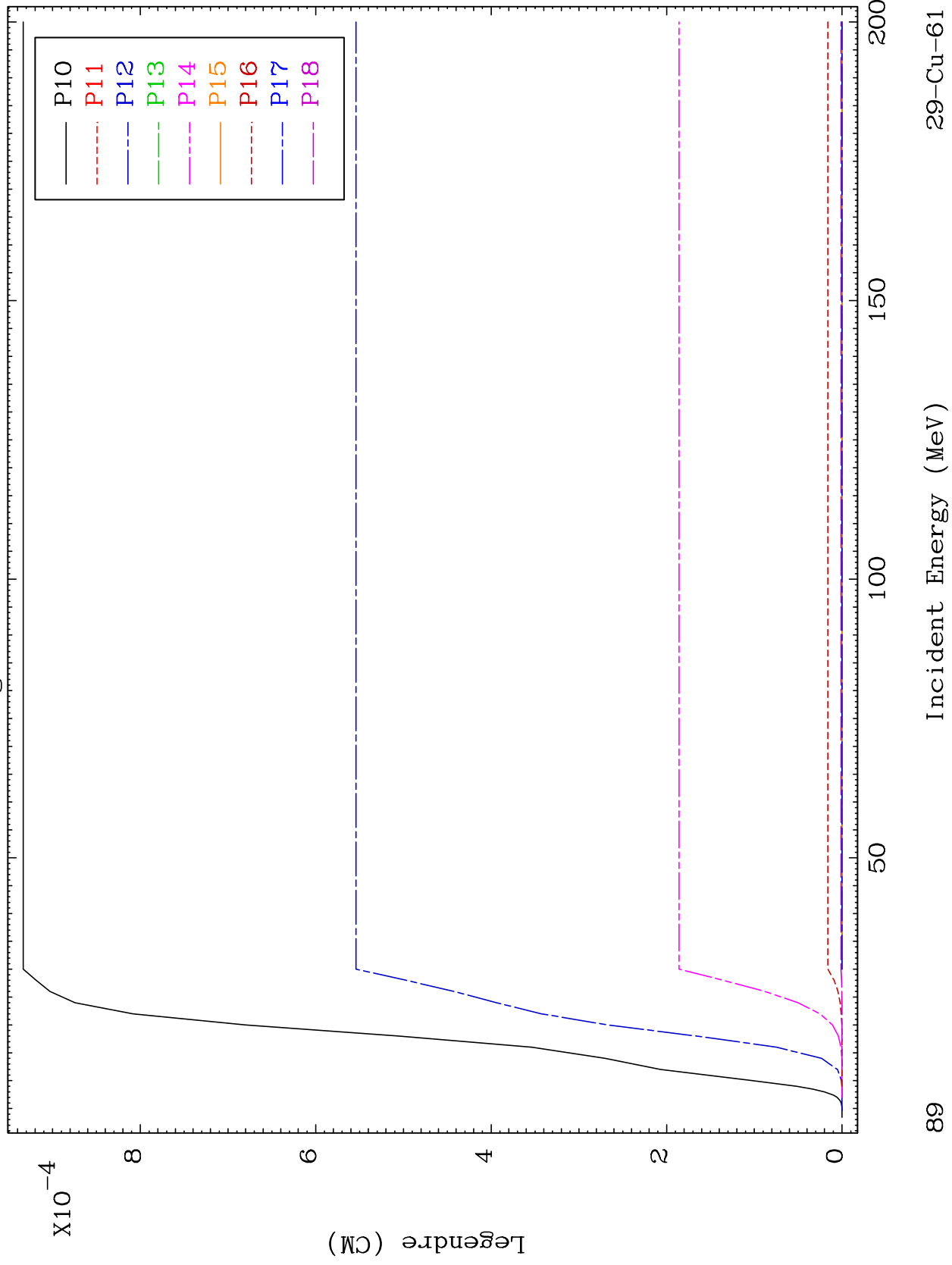
87



MAT 2919

MT= 75 (n,n') Level
Legendre Coefficients

29-Cu-61



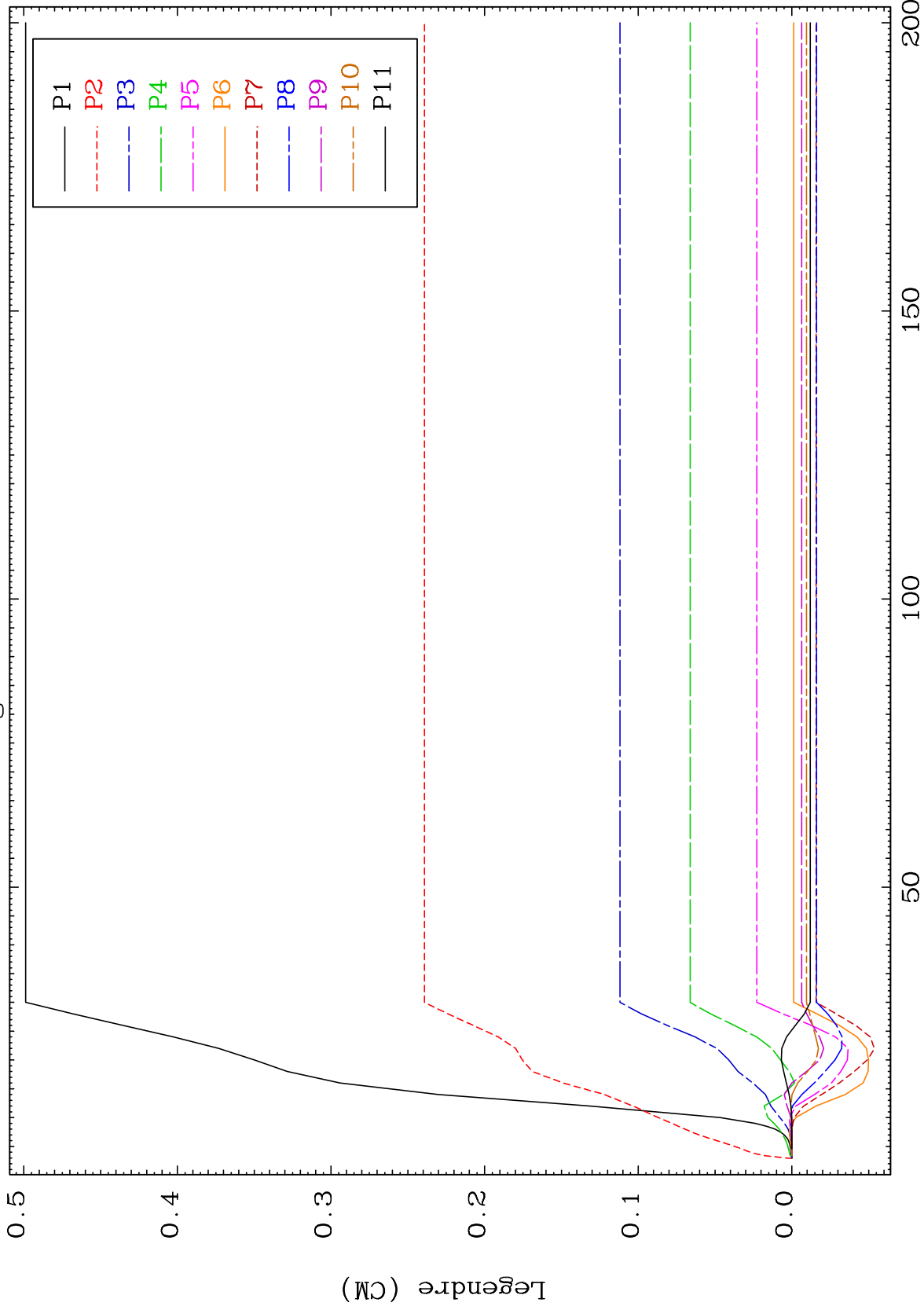
89

29-Cu-61

MAT 2919

MT= 76 (n,n') Level
Legendre Coefficients

29-Cu-61



91

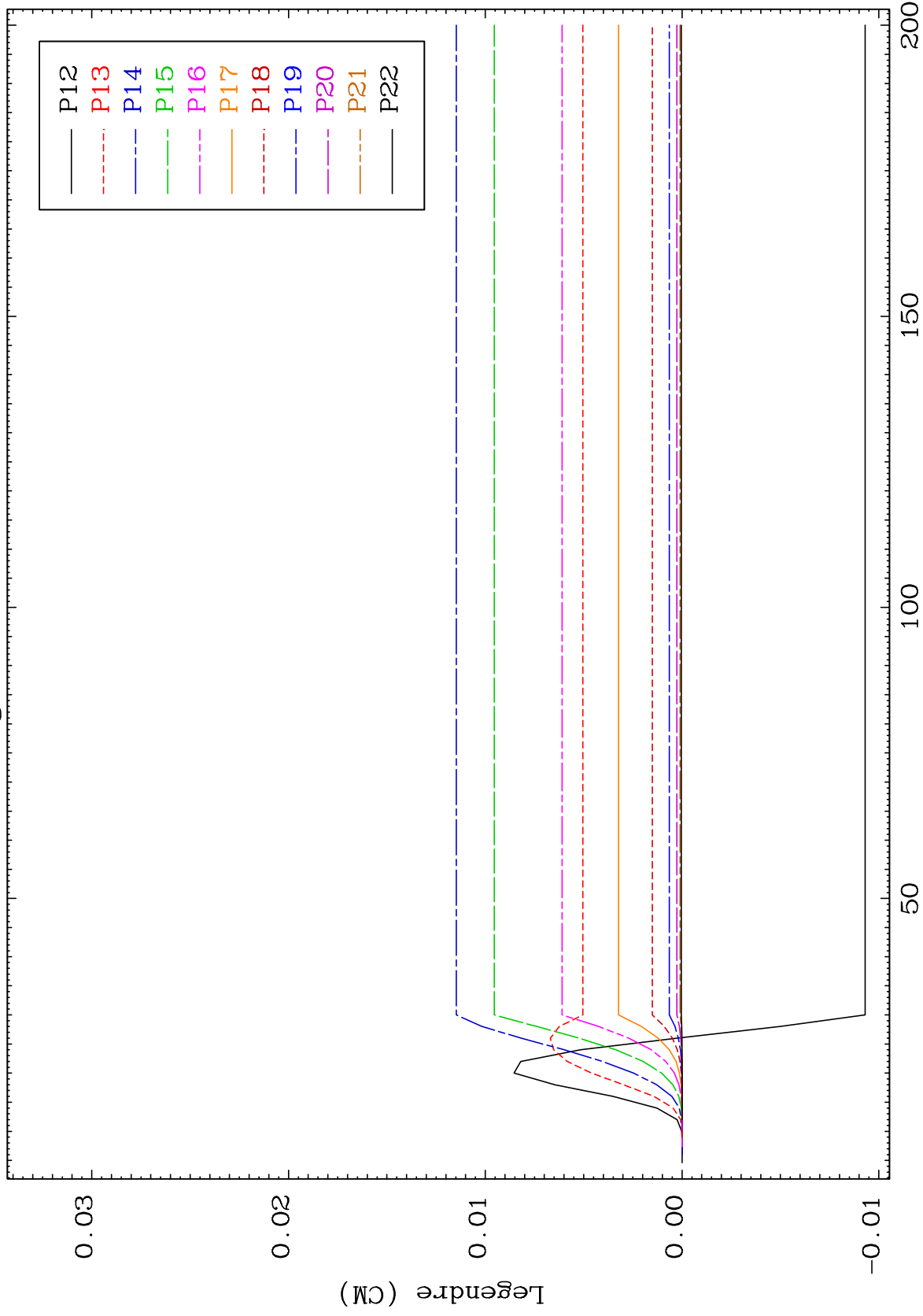
Incident Energy (MeV)

29-Cu-61

MAT 2919

MT= 76 (n,n') Level
Legendre Coefficients

29-Cu-61



92

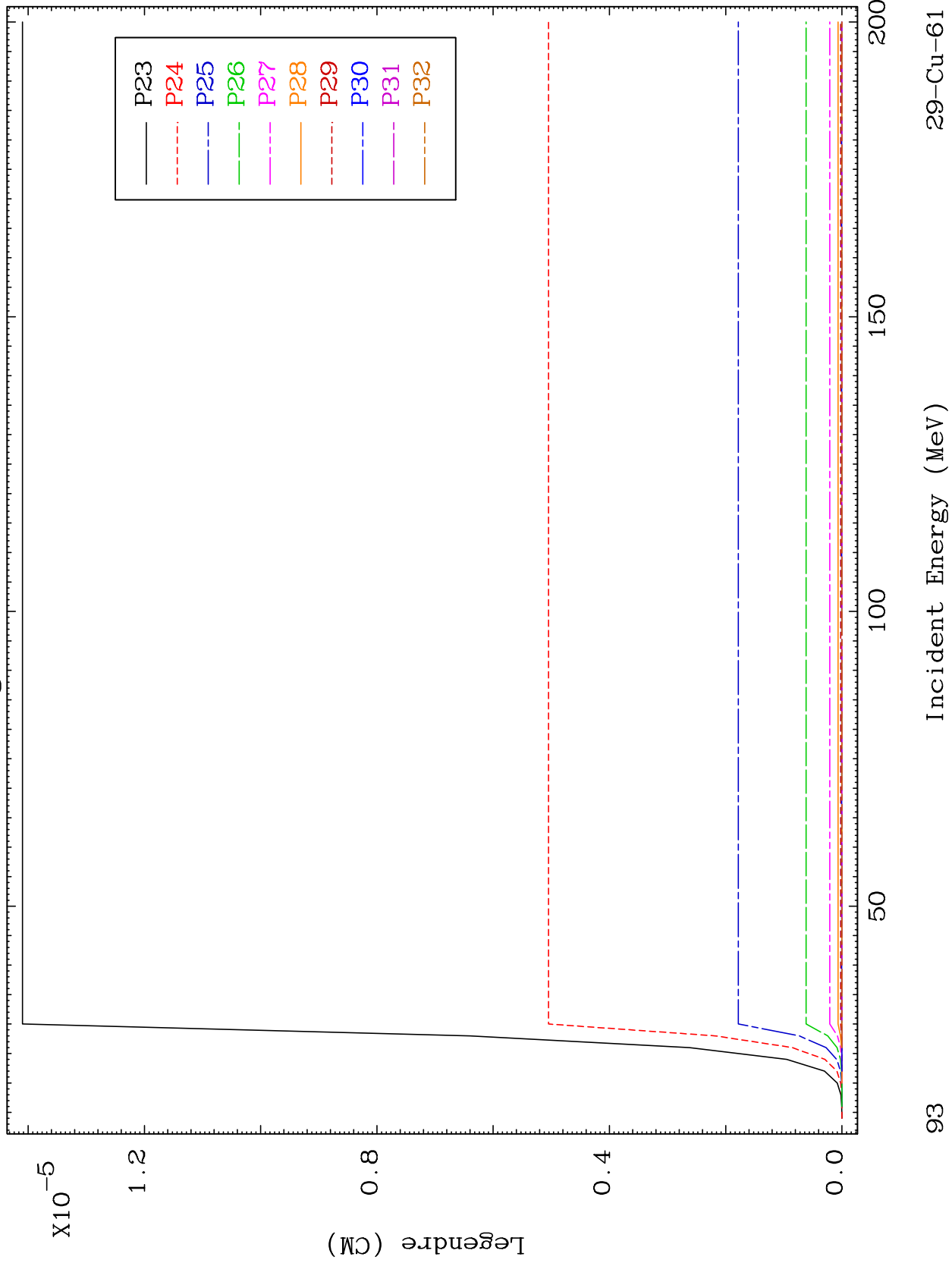
Incident Energy (MeV)

29-Cu-61

MAT 2919

MT= 76 (n,n') Level
Legendre Coefficients

29-Cu-61



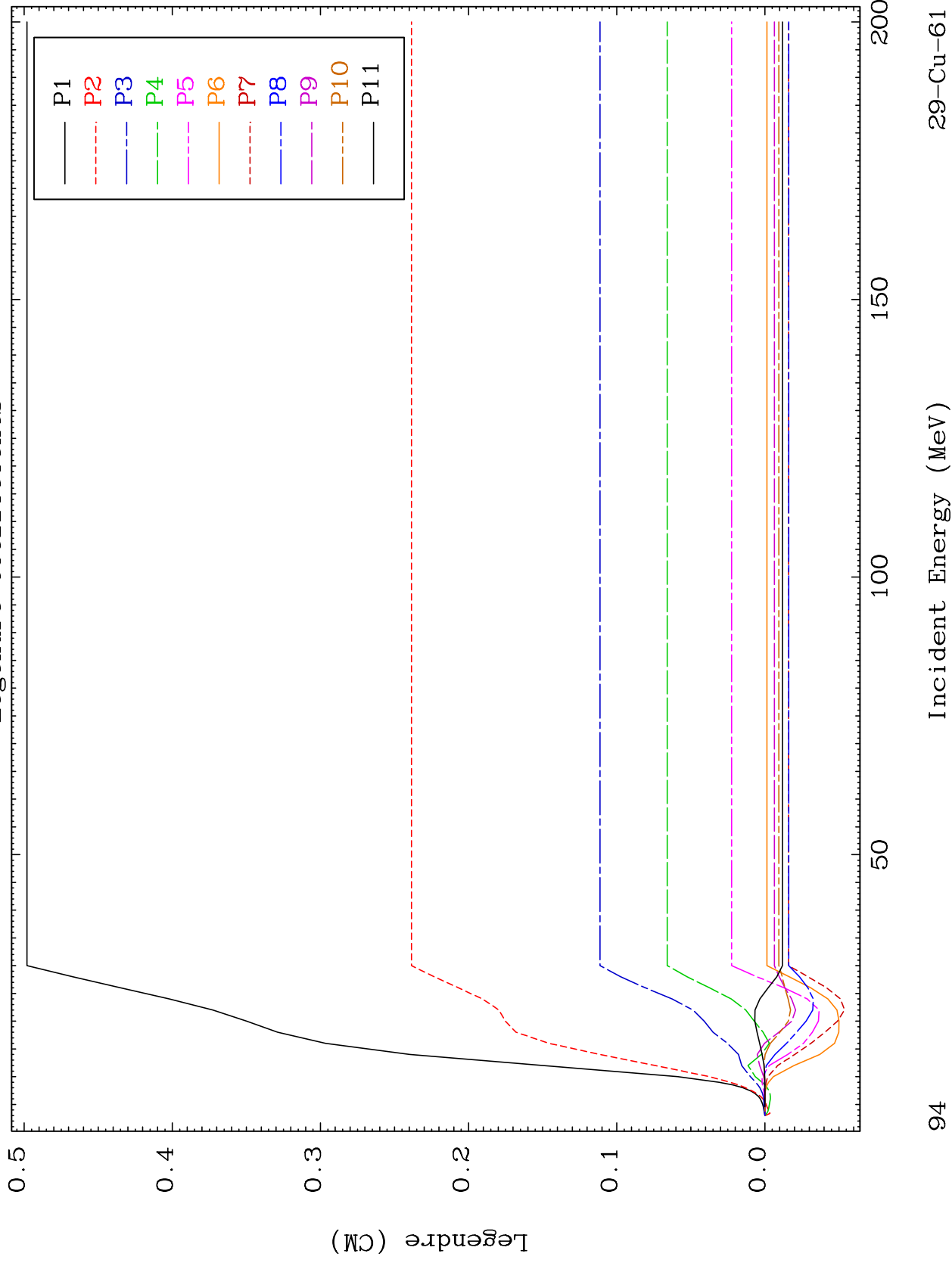
93

29-Cu-61

MAT 2919

MT= 77 (n,n') Level
Legendre Coefficients

29-Cu-61



94

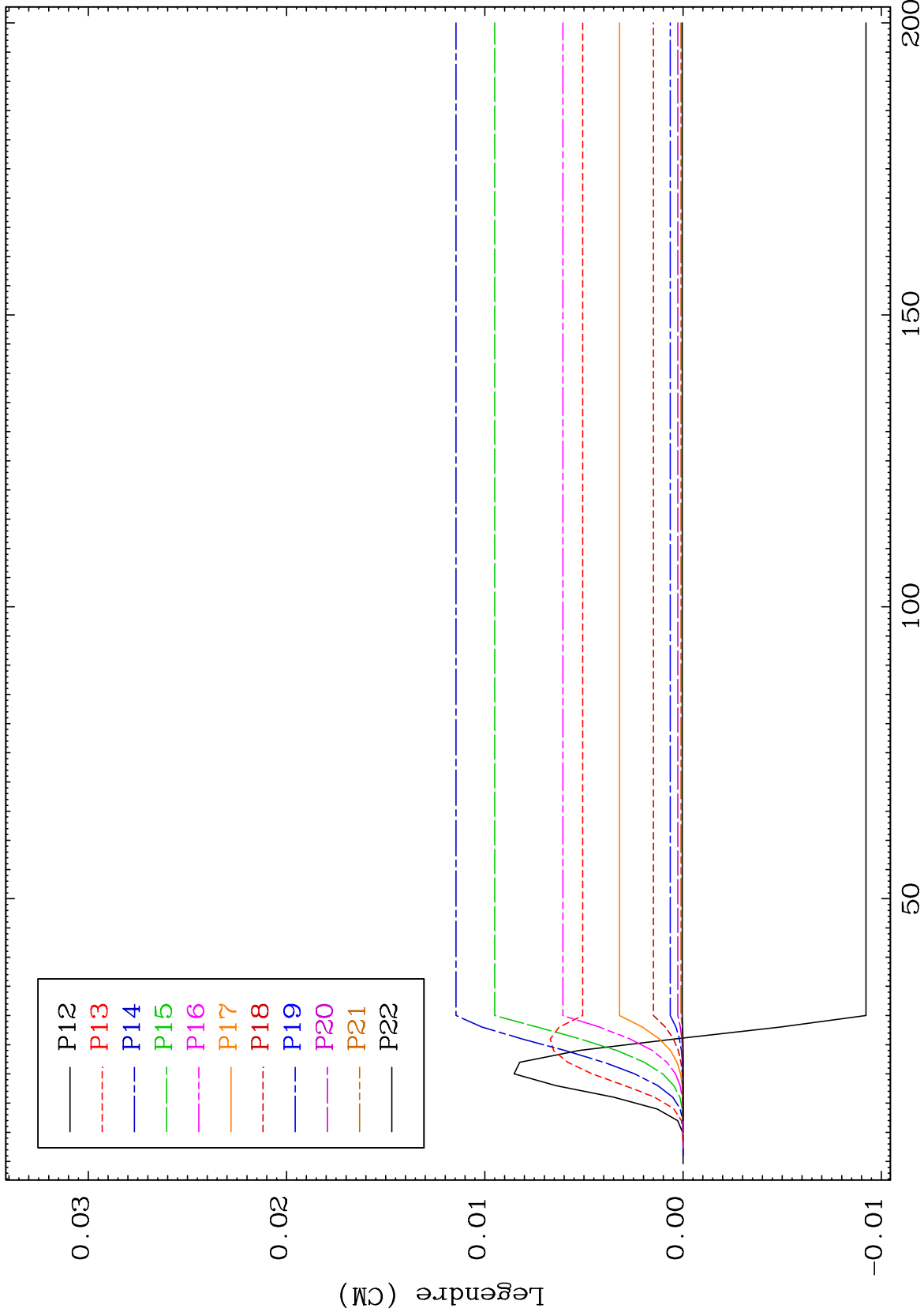
Incident Energy (MeV)

29-Cu-61

MAT 2919

MT= 77 (n,n') Level
Legendre Coefficients

29-Cu-61



95

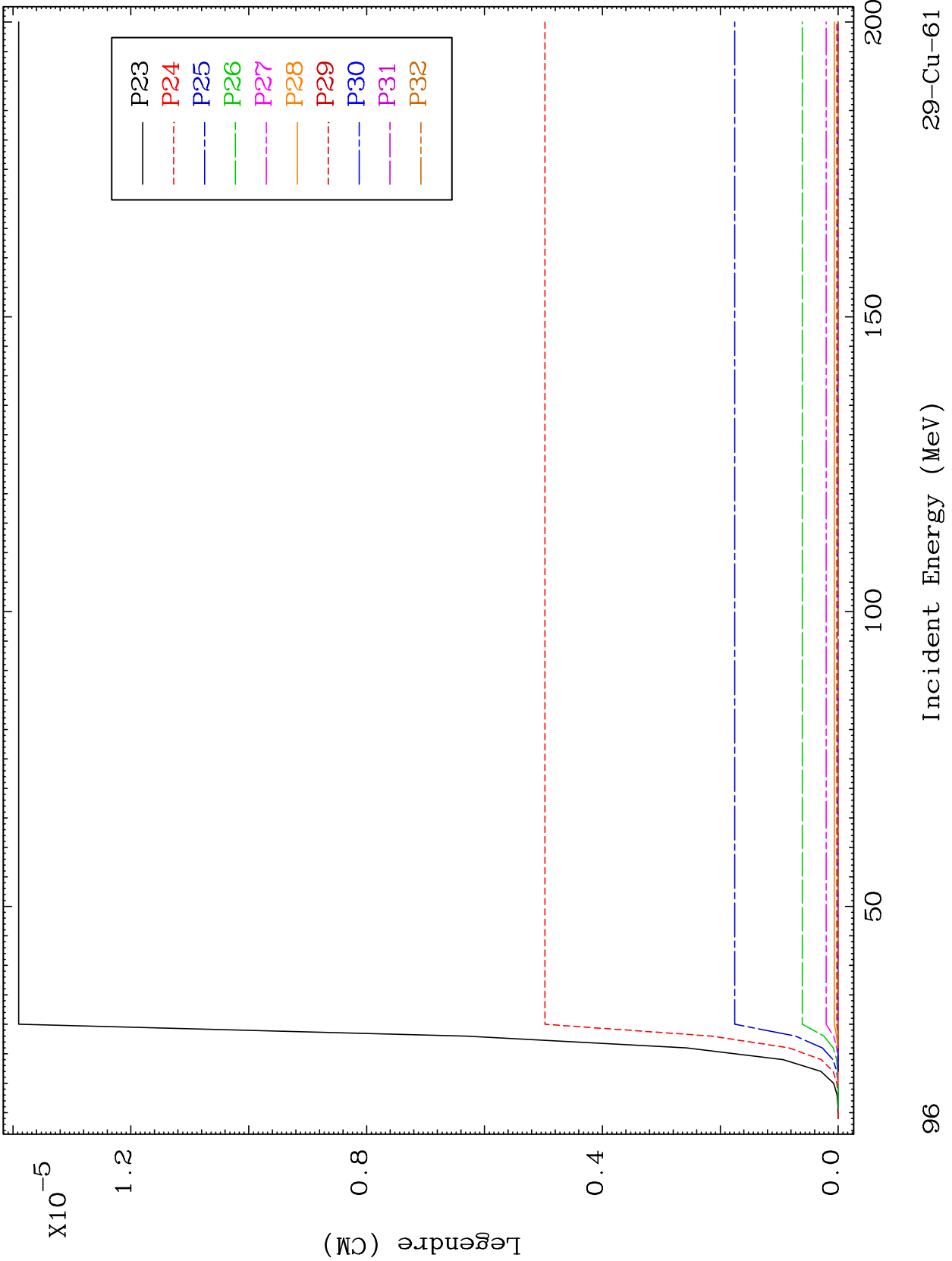
Incident Energy (MeV)

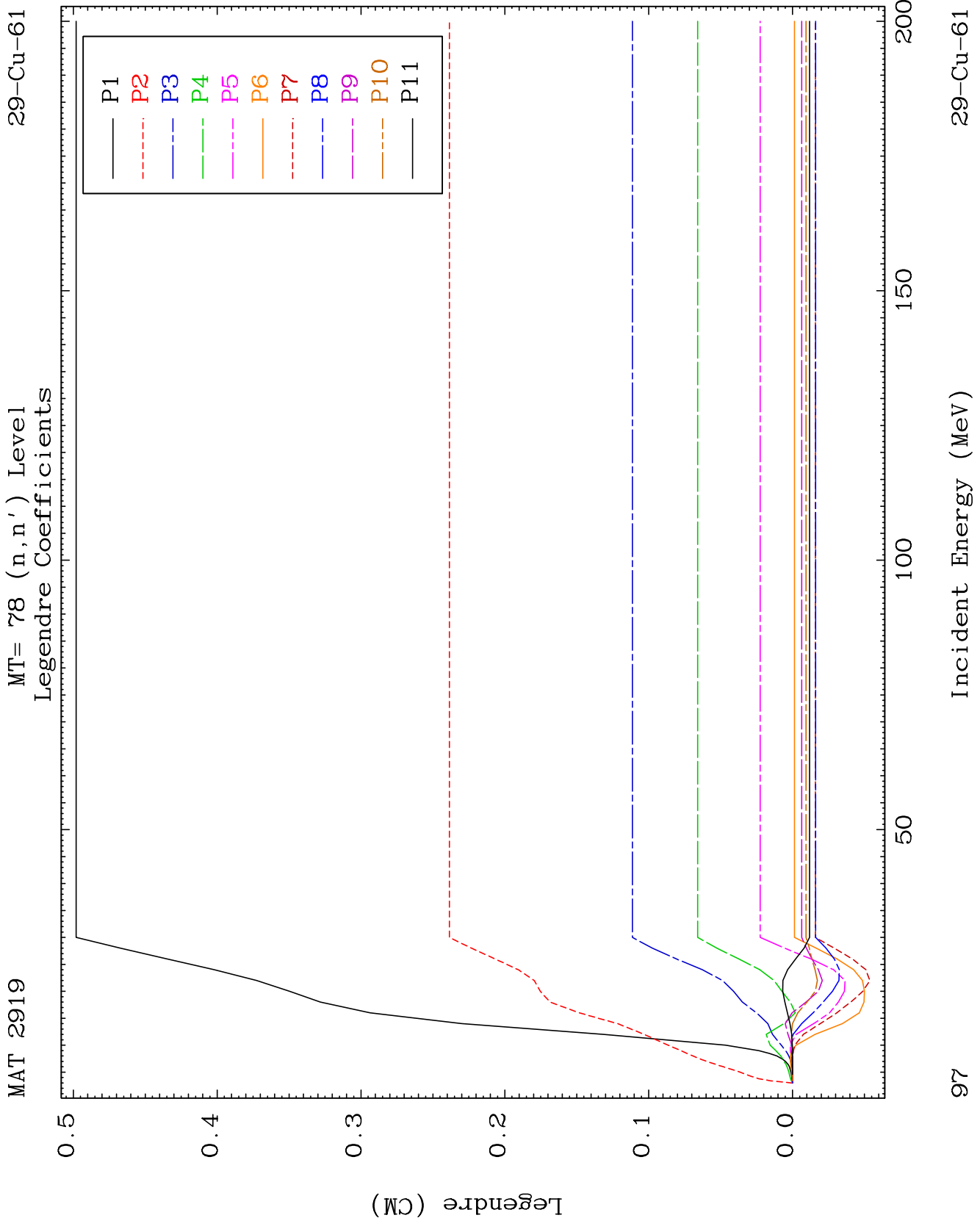
29-Cu-61

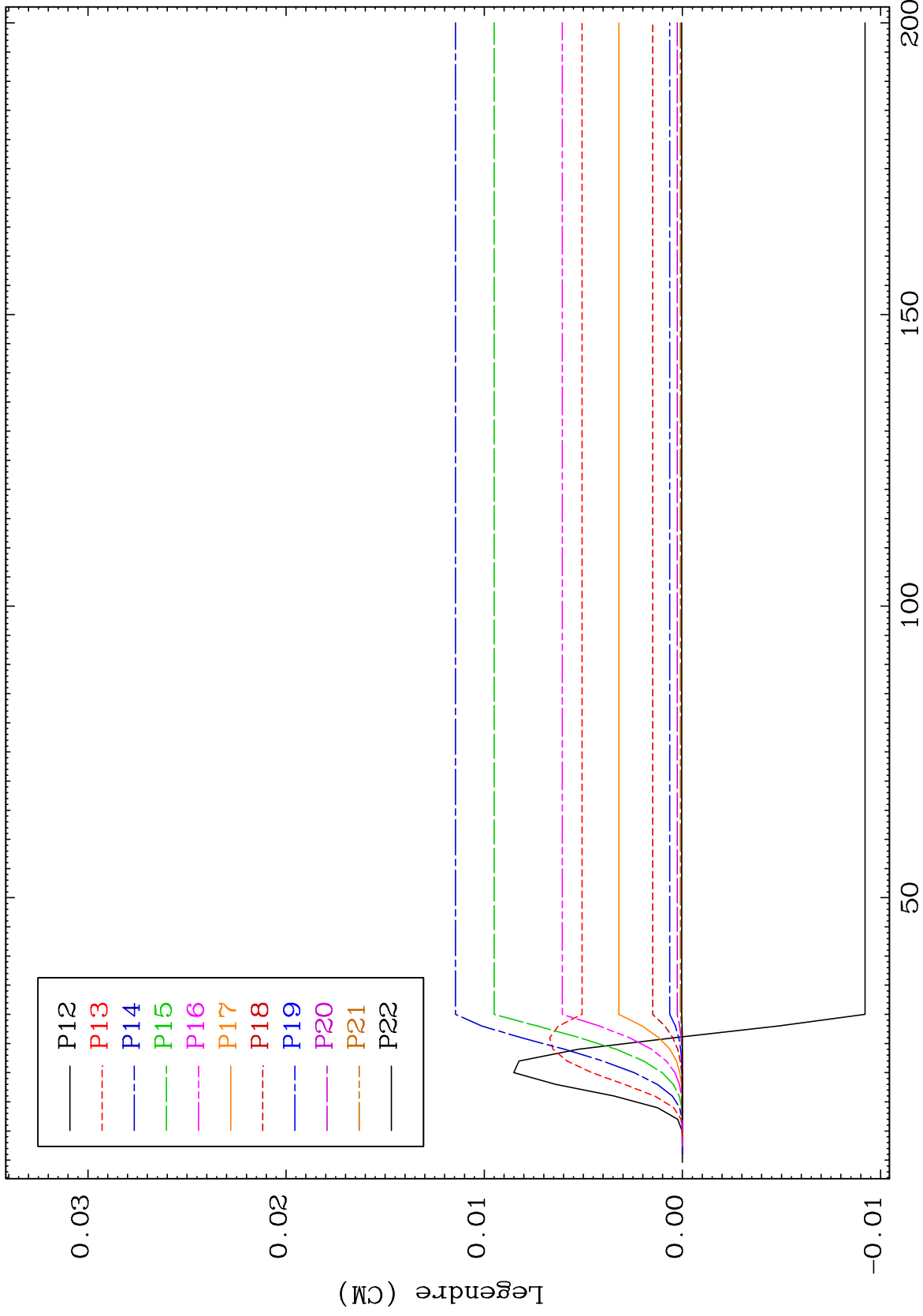
MAT 2919

MT= 77 (n,n') Level
Legendre Coefficients

29-Cu-61



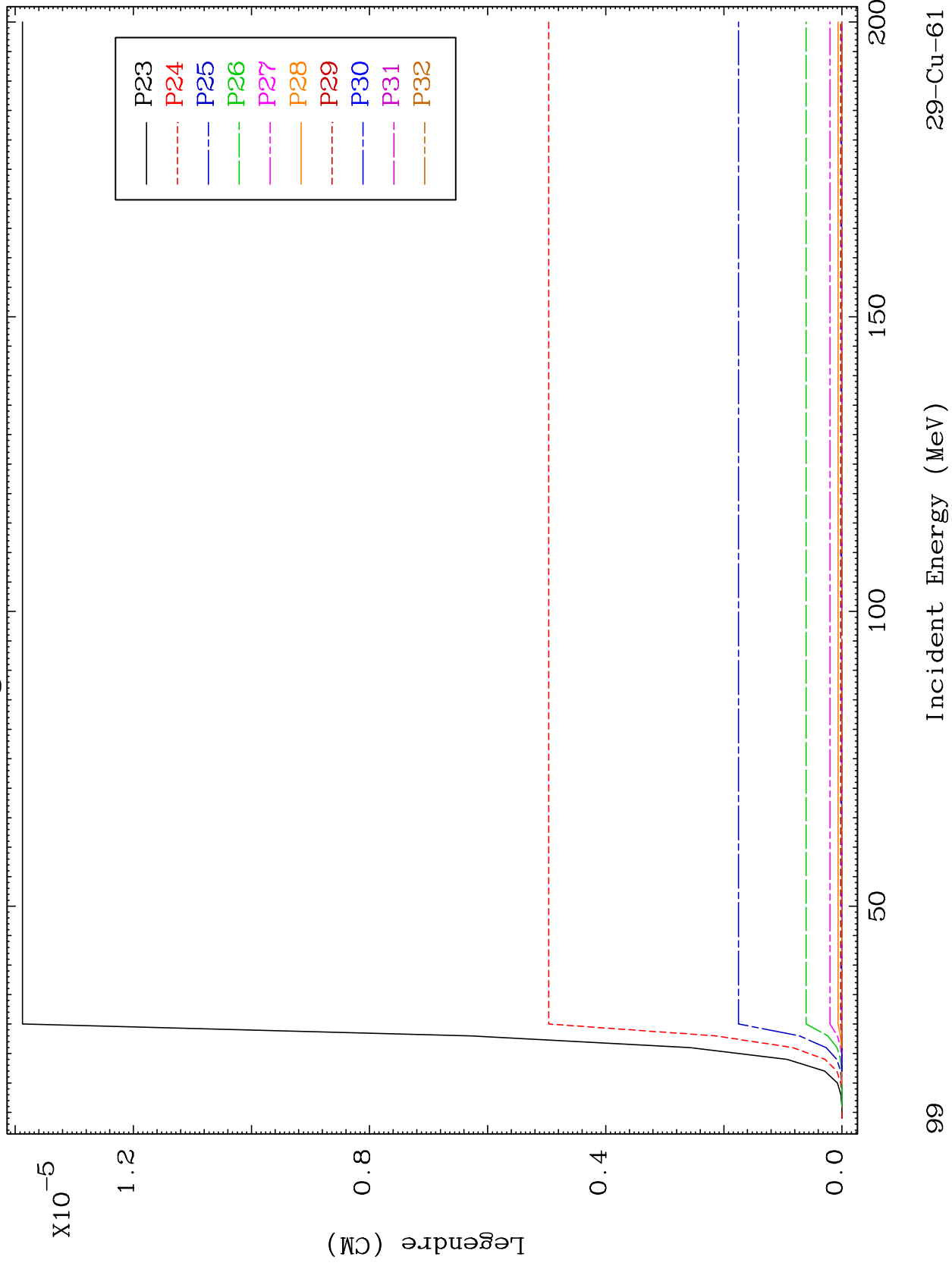


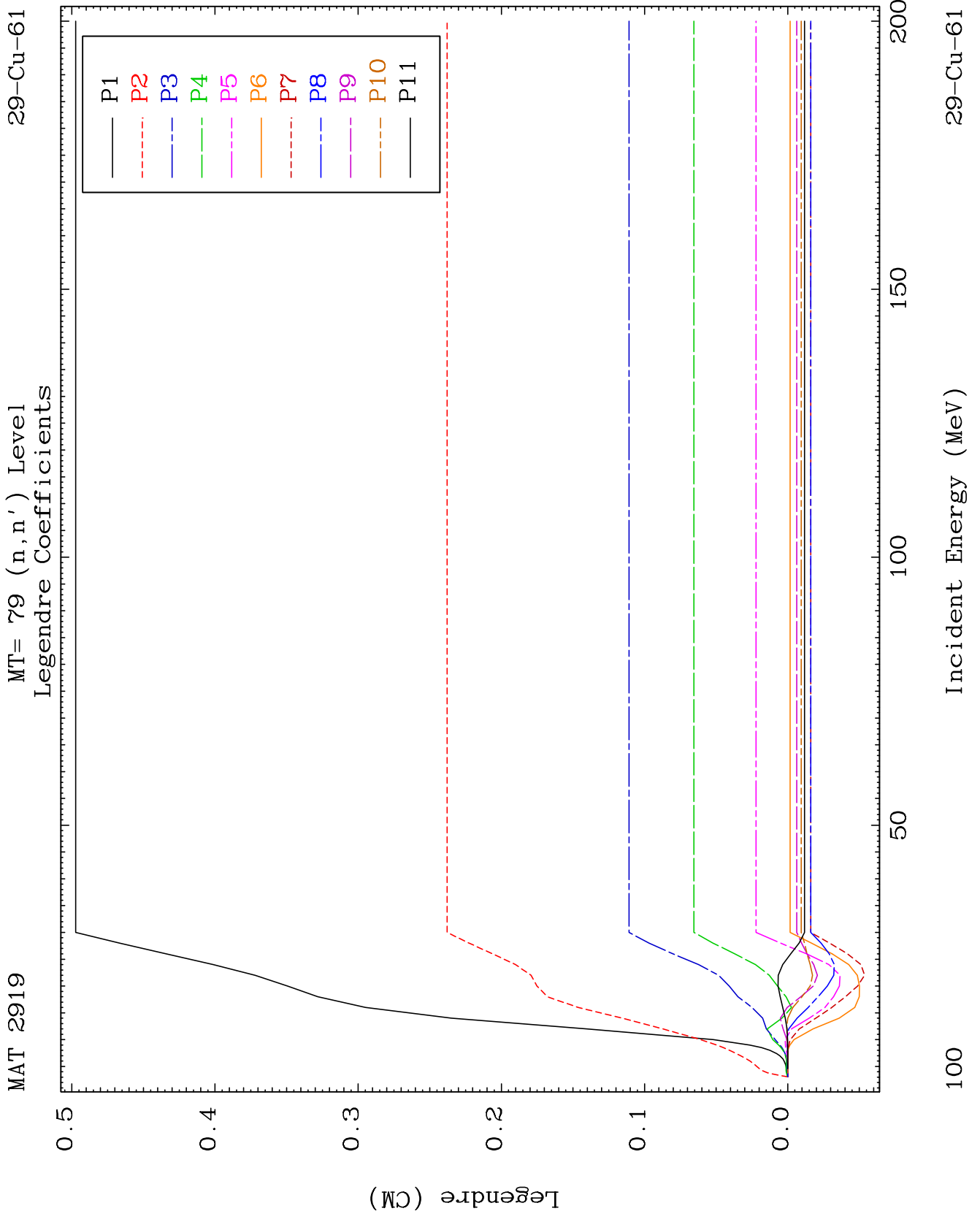


MAT 2919

MT= 78 (n,n') Level
Legendre Coefficients

29-Cu-61

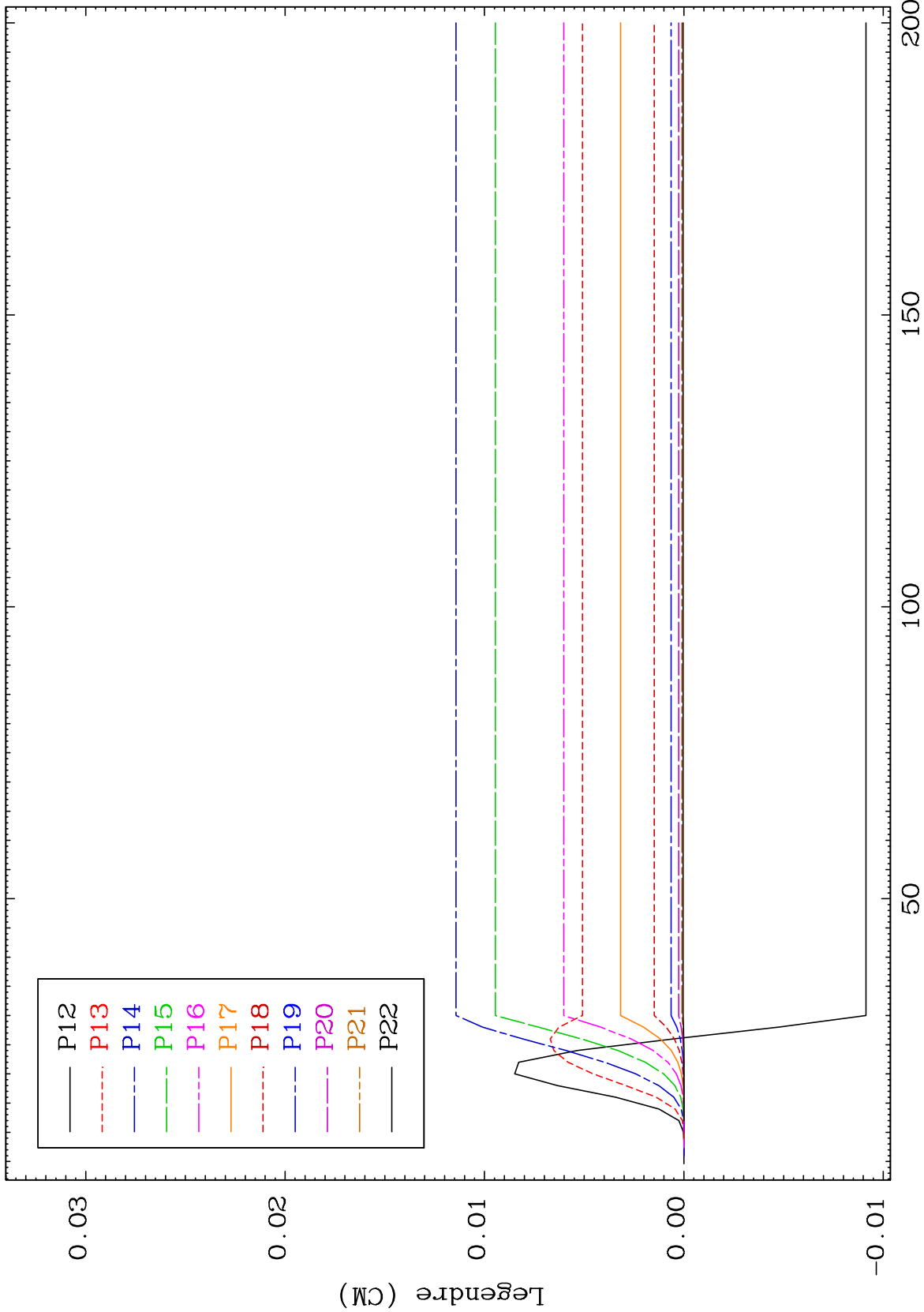




MAT 2919

MT= 79 (n,n') Level
Legendre Coefficients

29-Cu-61



101

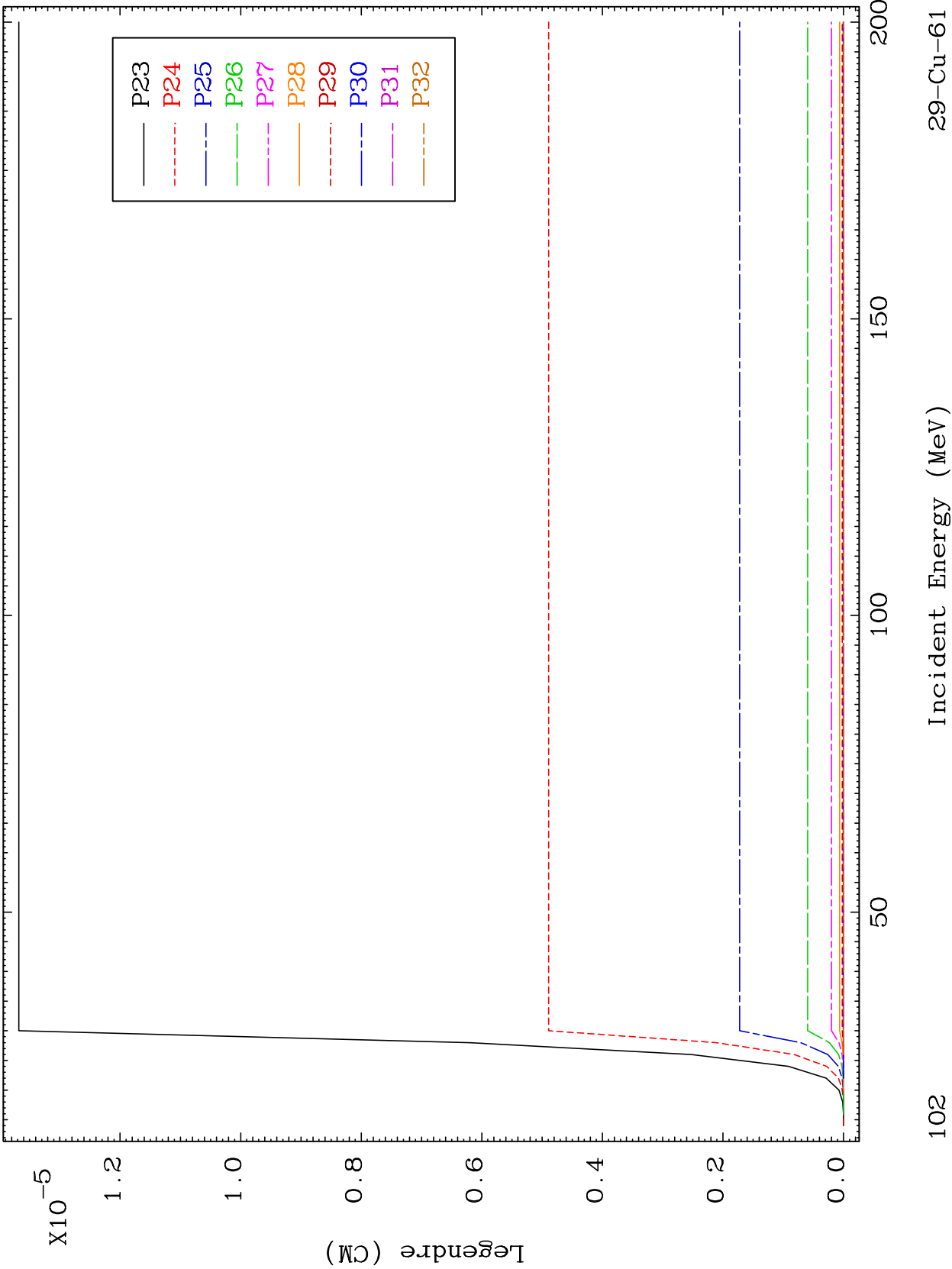
Incident Energy (MeV)

29-Cu-61

MAT 2919

MT= 79 (n,n') Level
Legendre Coefficients

29-Cu-61

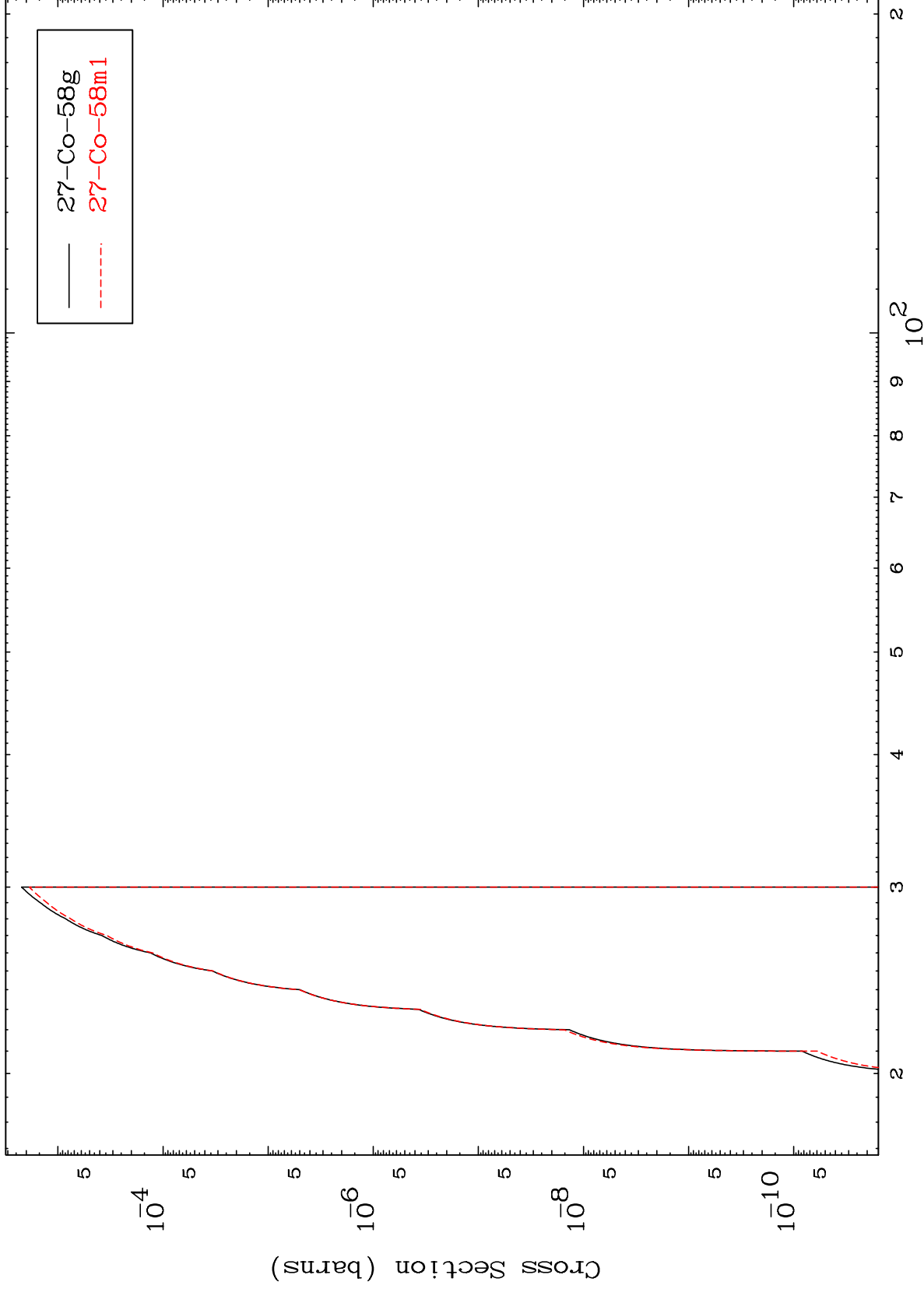


102

Incident Energy (MeV)

29-Cu-61

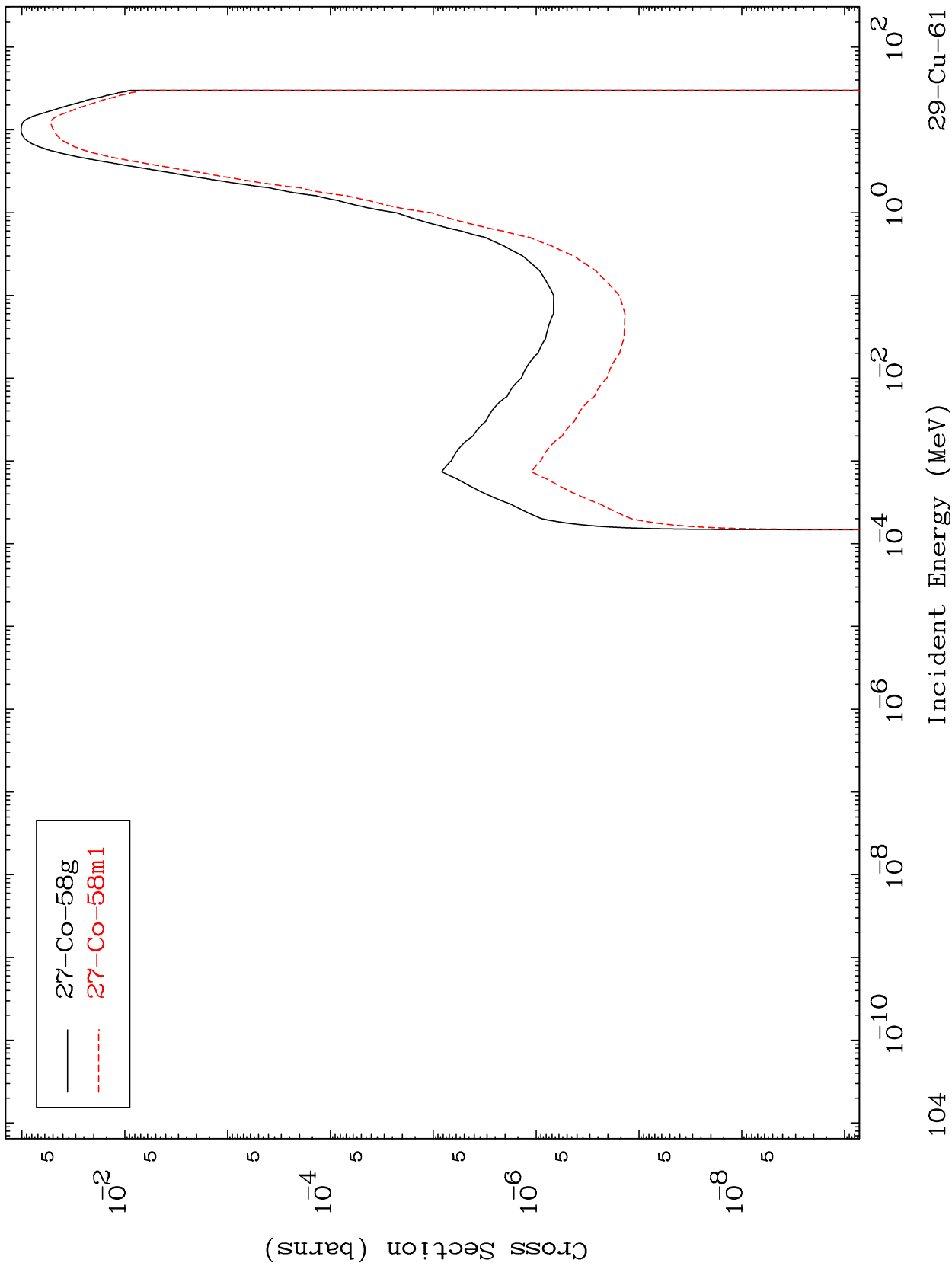
Radionuclide Production Cross Section



MAT 2919

29-Cu-61

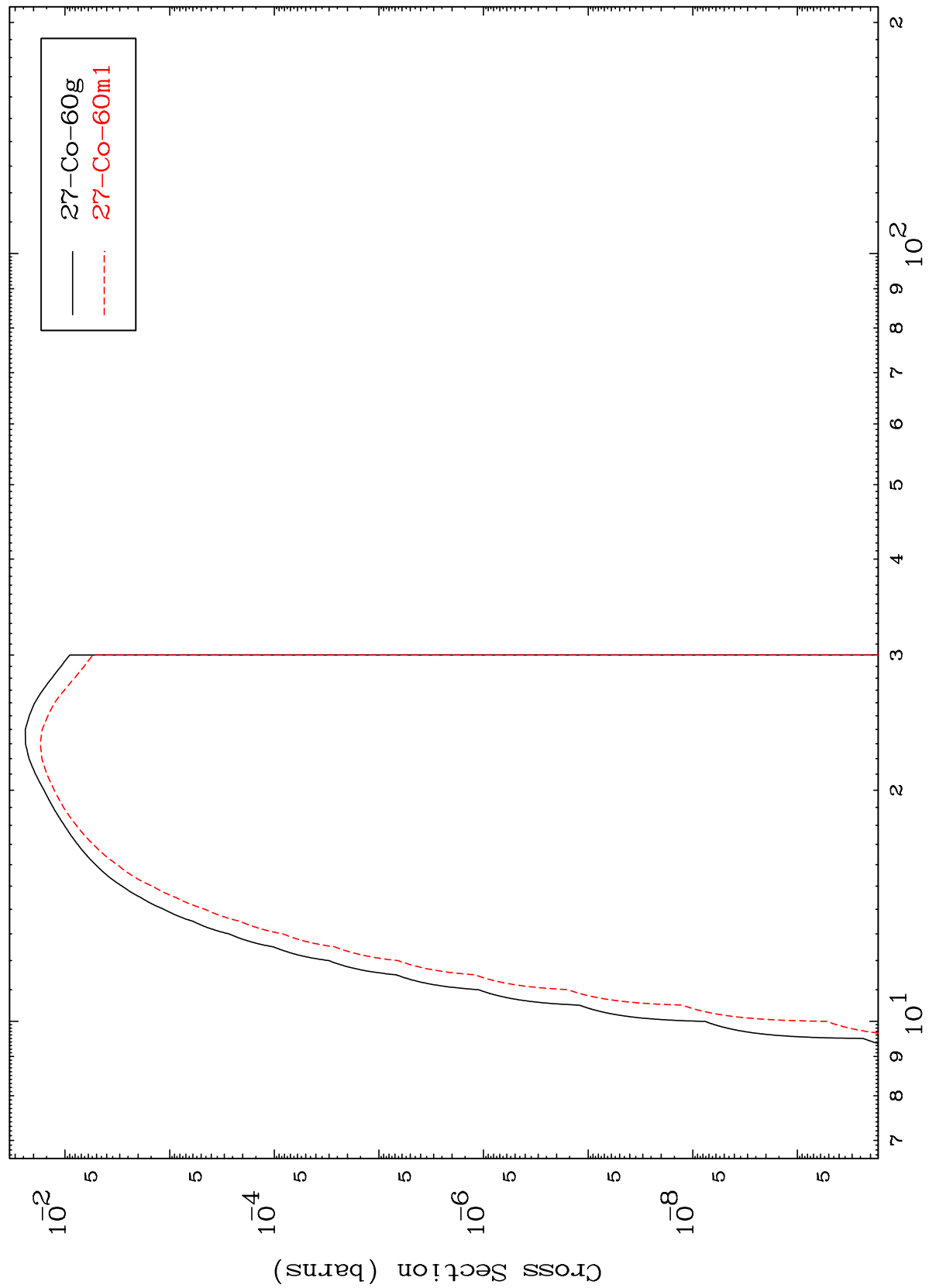
(n,α)
Radionuclide Production Cross Section



MAT 2919

29-Cu-61

(n,2p)
Radionuclide Production Cross Section



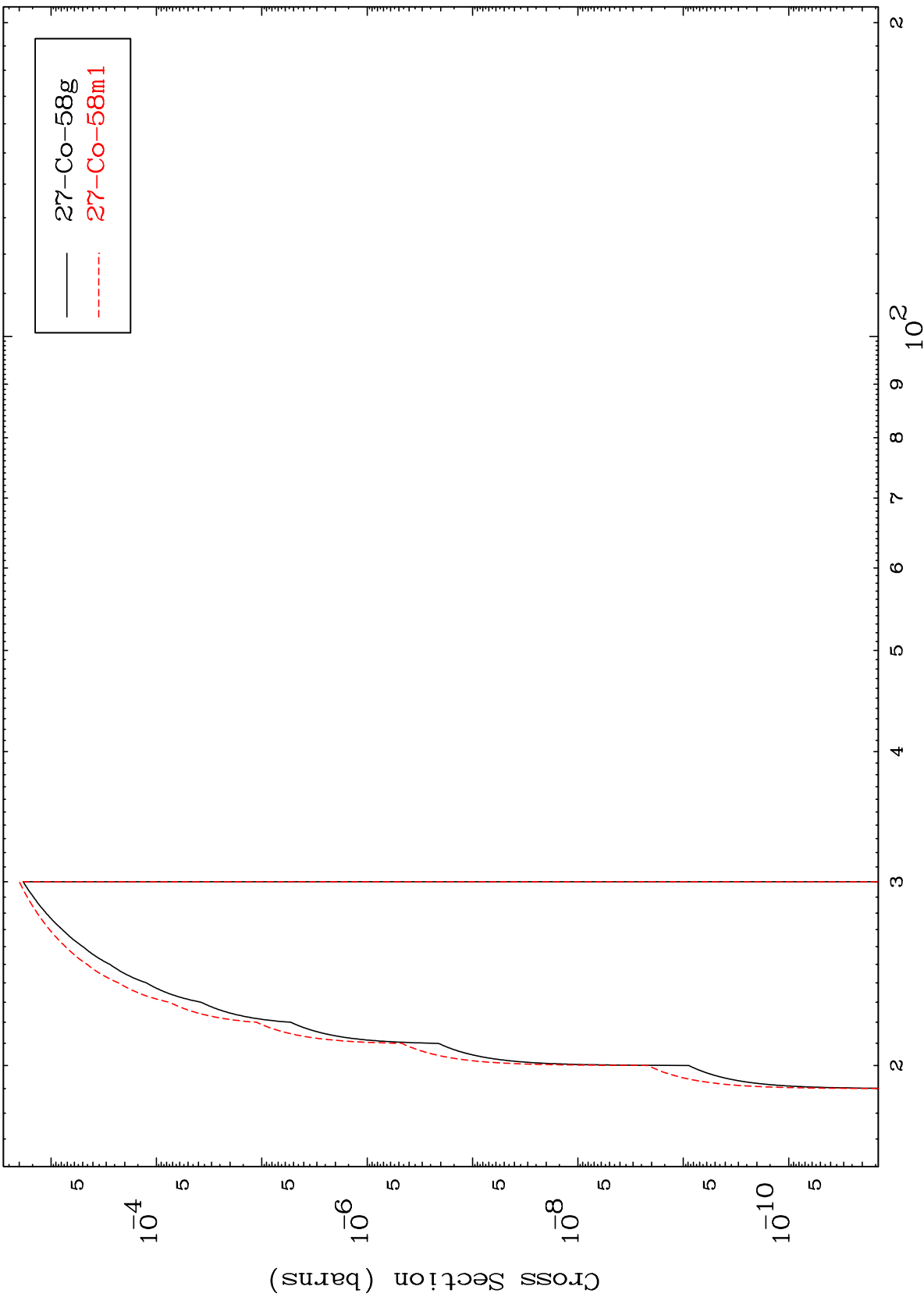
— 27-Co-60g
- - - 27-Co-60m1

29-Cu-61

Incident Energy (MeV)

105

Radionuclide Production Cross Section



— 27-Co-58g
- - - 27-Co-58m1