

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

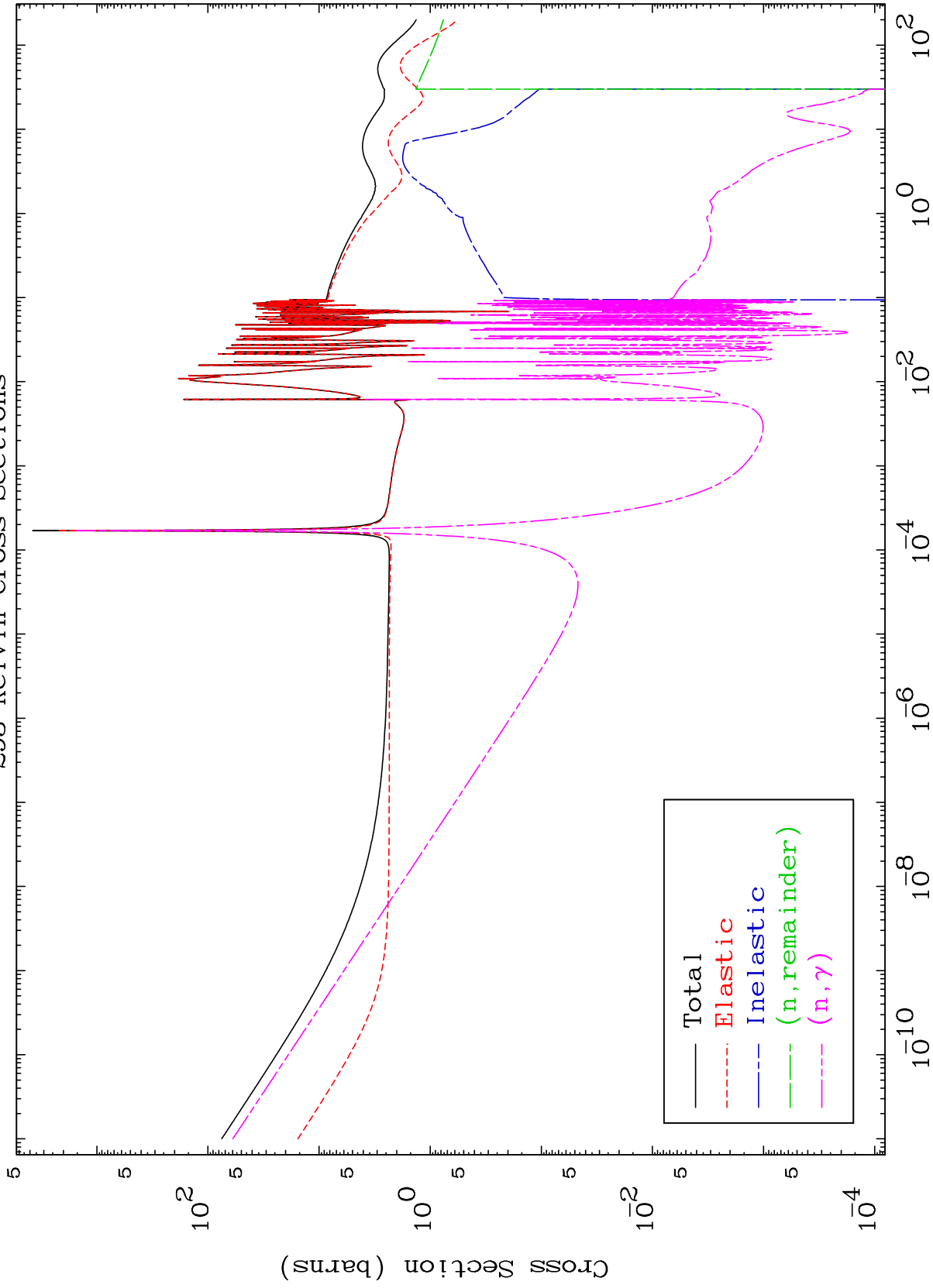
Press Mouse Button to Start

MAT 2961

Major

293 Kelvin Cross Sections

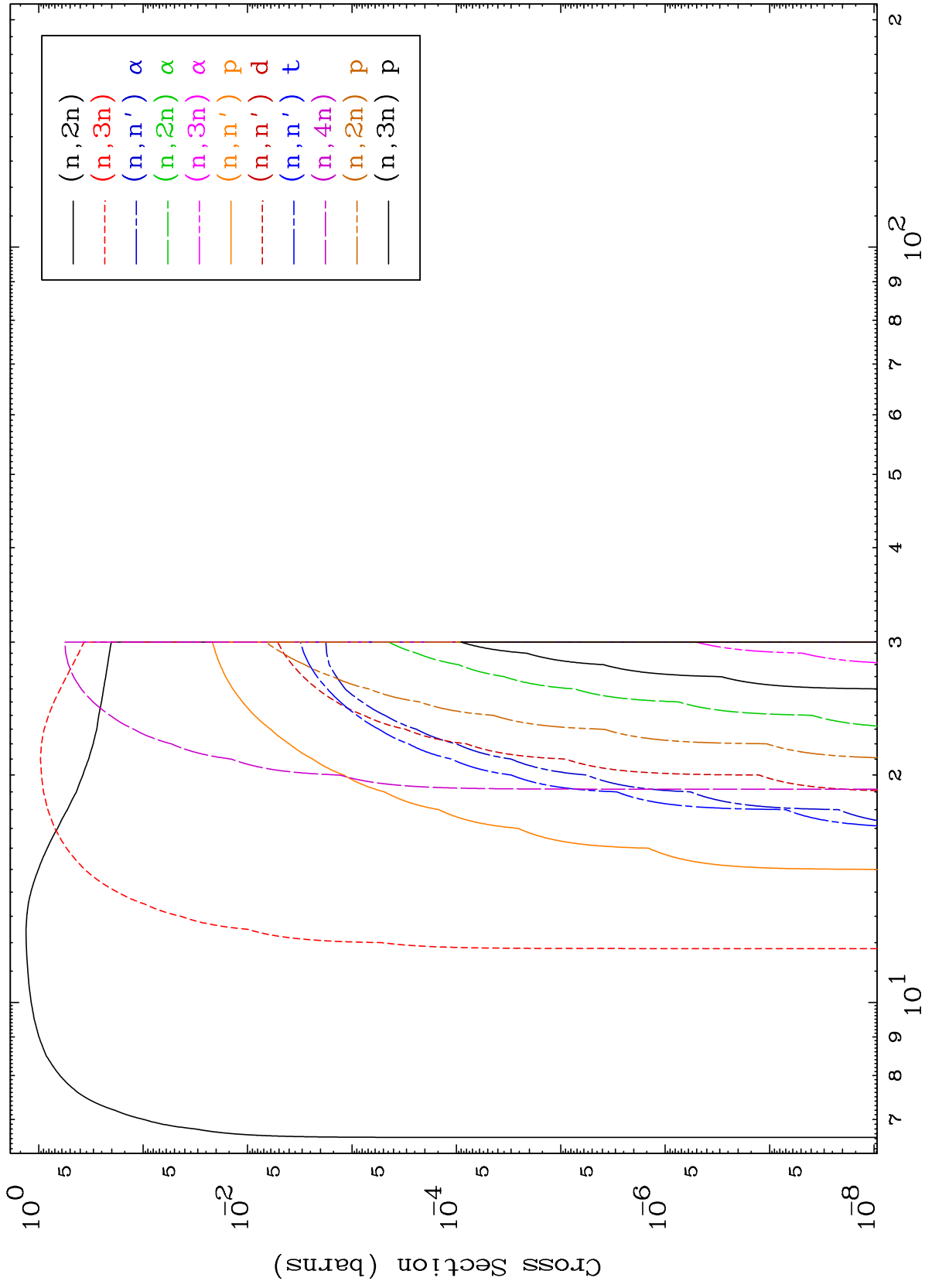
29-Cu-75



MAT 2961

Neutron Production
293 Kelvin Cross Sections

29-Cu-75



2

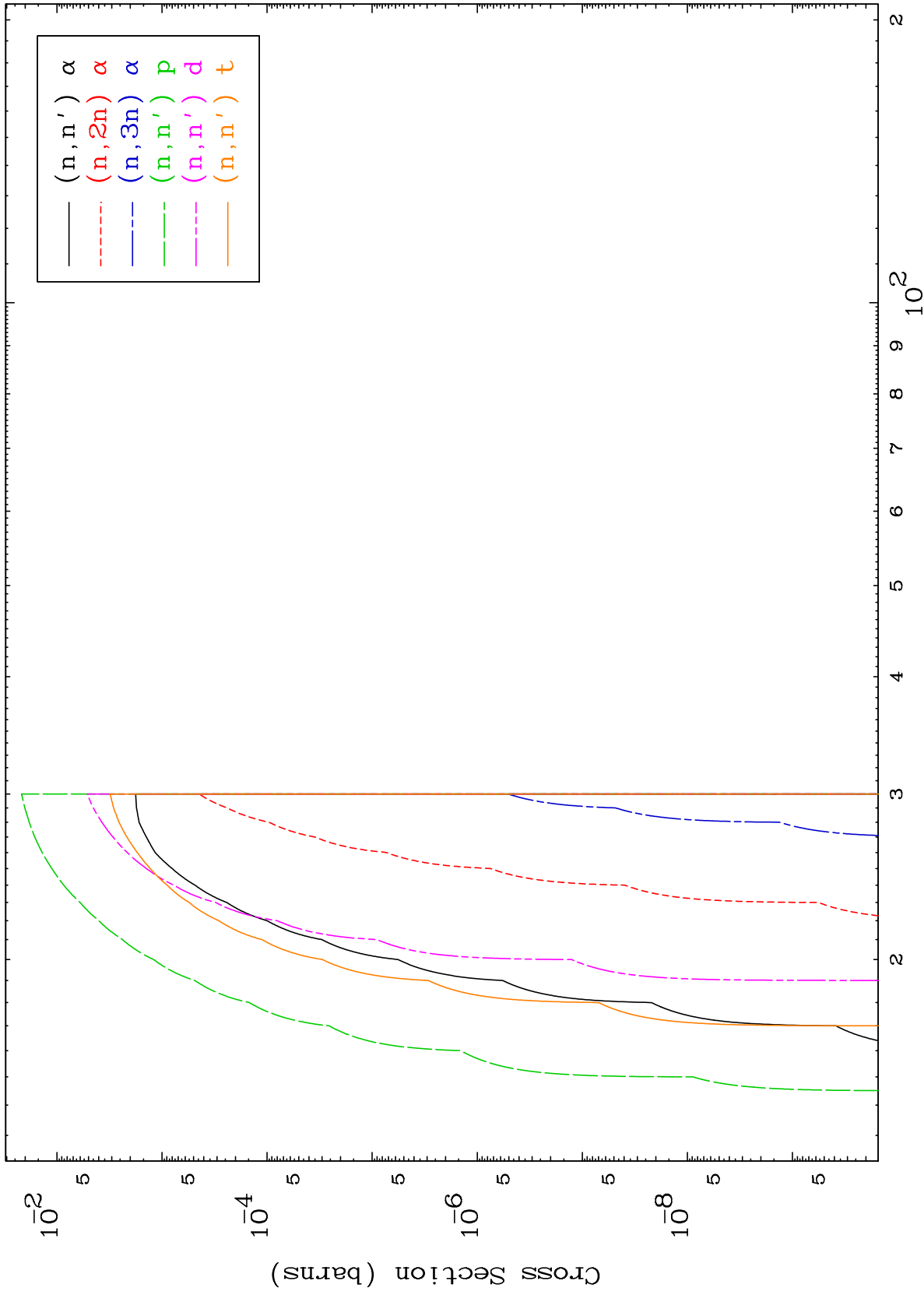
Incident Energy (MeV)

29-Cu-75

MAT 2961

Charged Particle
293 Kelvin Cross Sections

29-Cu-75



3

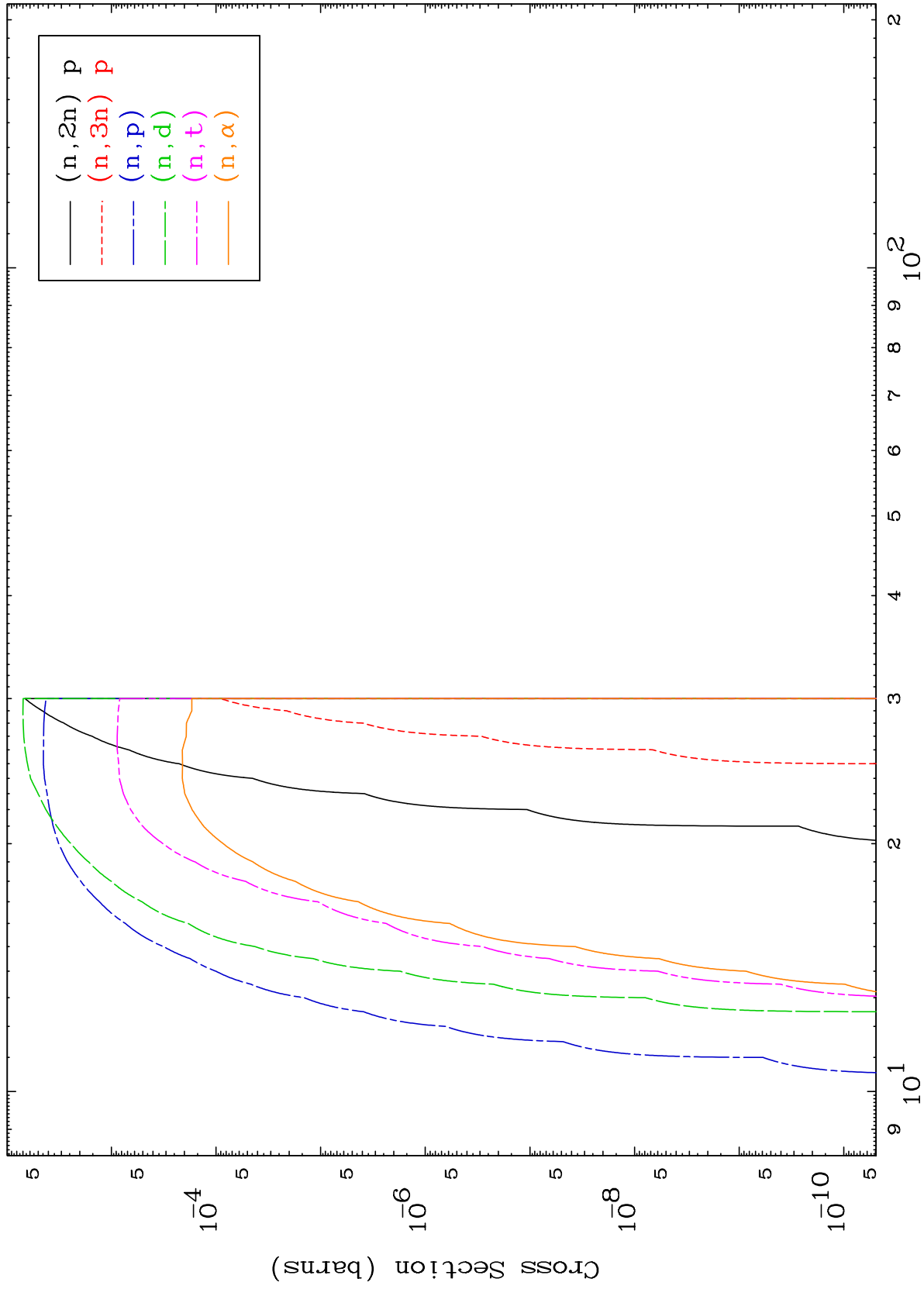
Incident Energy (MeV)

29-Cu-75

MAT 2961

Charged Particle
293 Kelvin Cross Sections

29-Cu-75



4

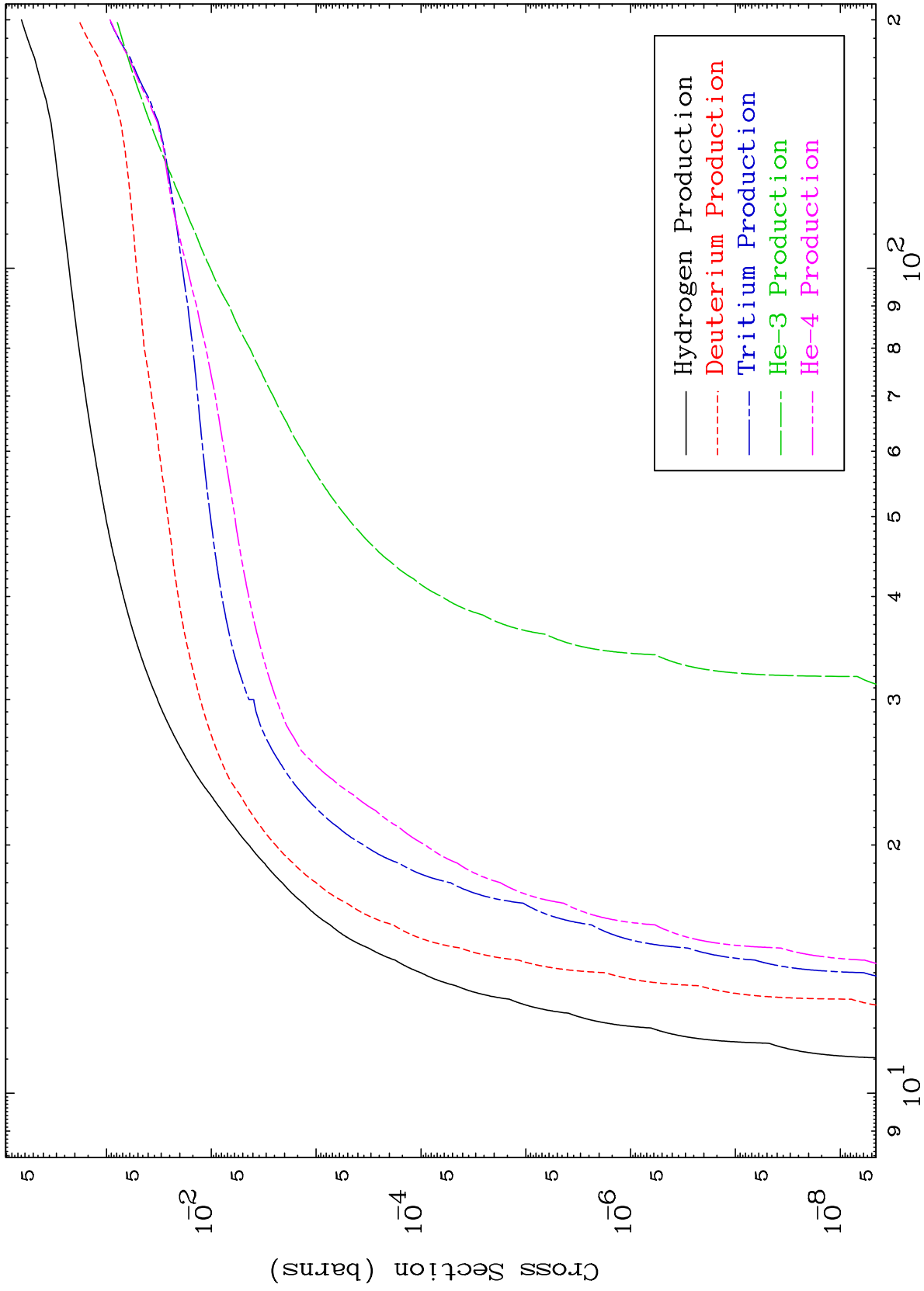
Incident Energy (MeV)

29-Cu-75

MAT 2961

Particle Production
293 Kelvin Cross Sections

29-Cu-75



5

10^1

2

3

4

5

6

7

8

9

10^2

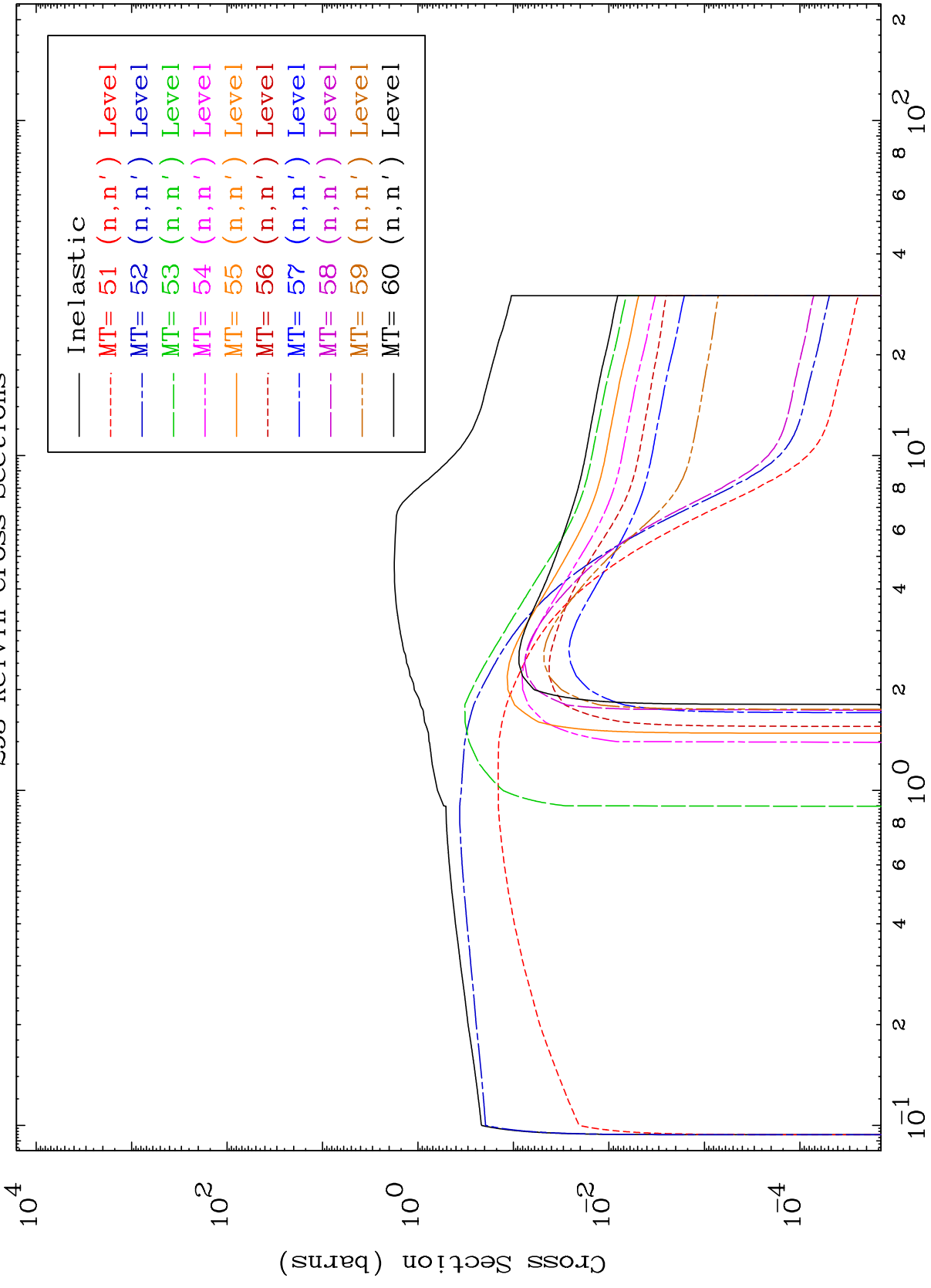
29-Cu-75

MAT 2961

(n,n') Level

29-Cu-75

293 Kelvin Cross Sections



Incident Energy (MeV)

29-Cu-75

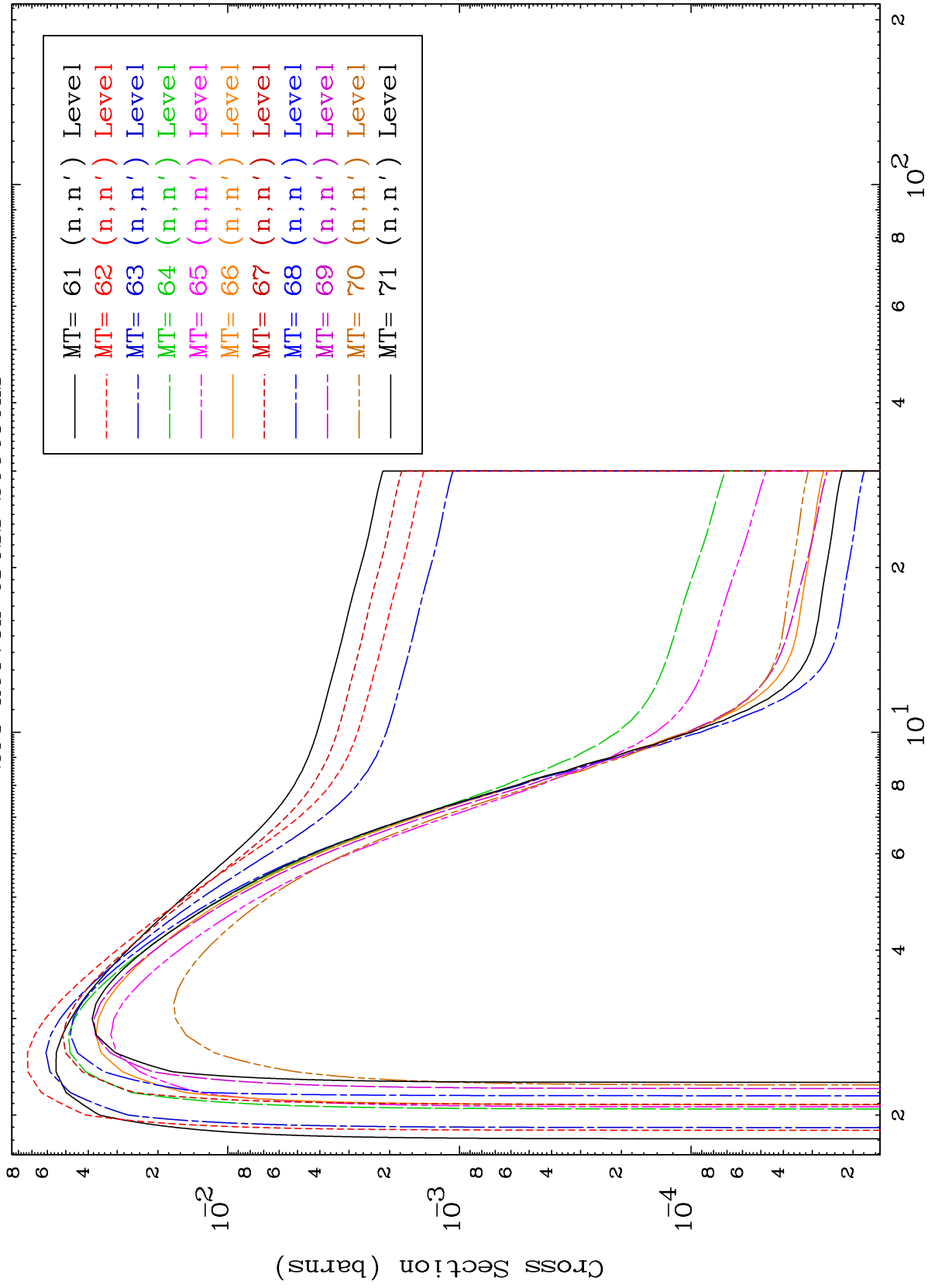
6

MAT 2961

(n,n') Level

293 Kelvin Cross Sections

29-Cu-75



7

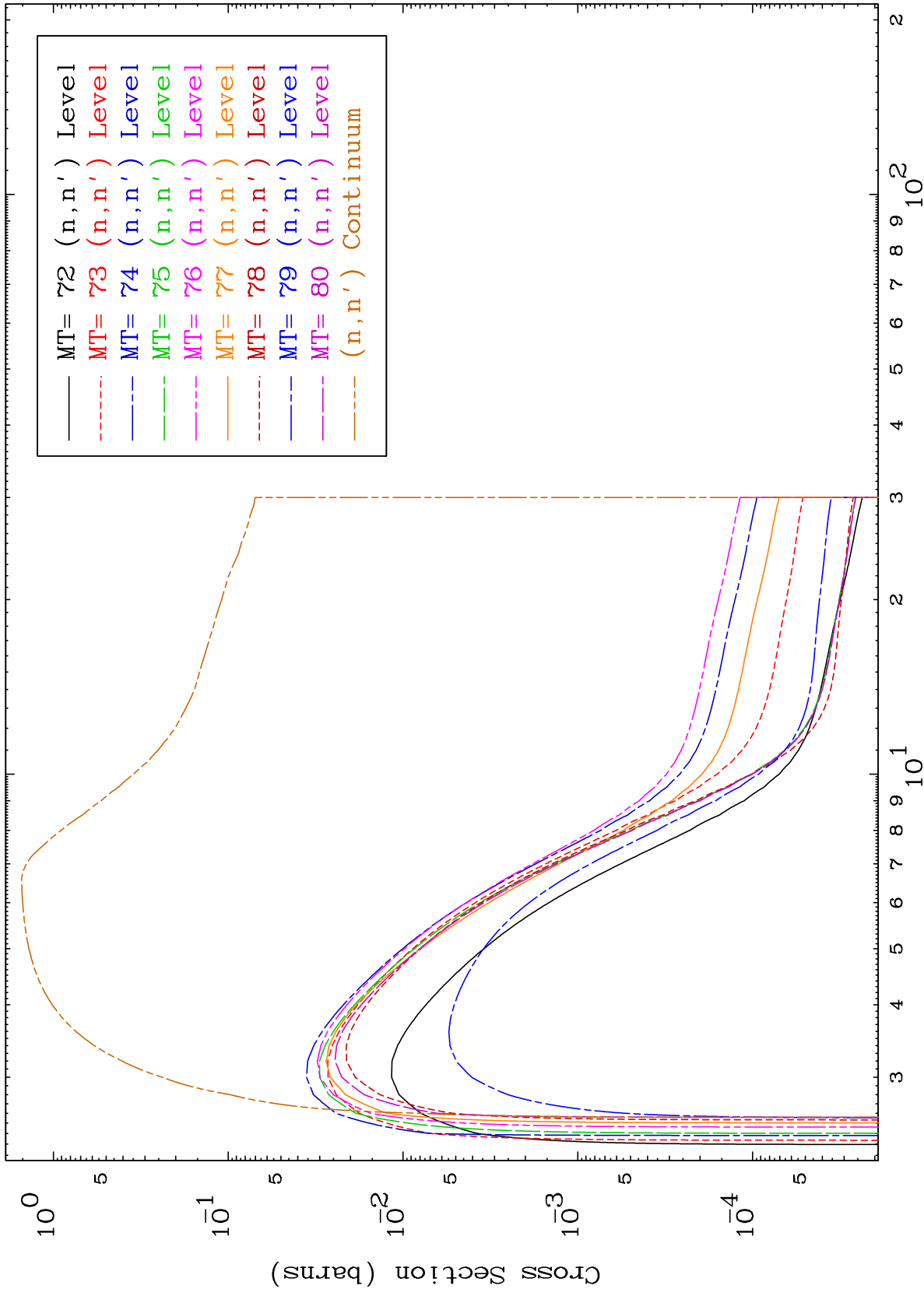
Incident Energy (MeV)

29-Cu-75

MAT 2961

(n,n') Level
293 Kelvin Cross Sections

29-Cu-75



8

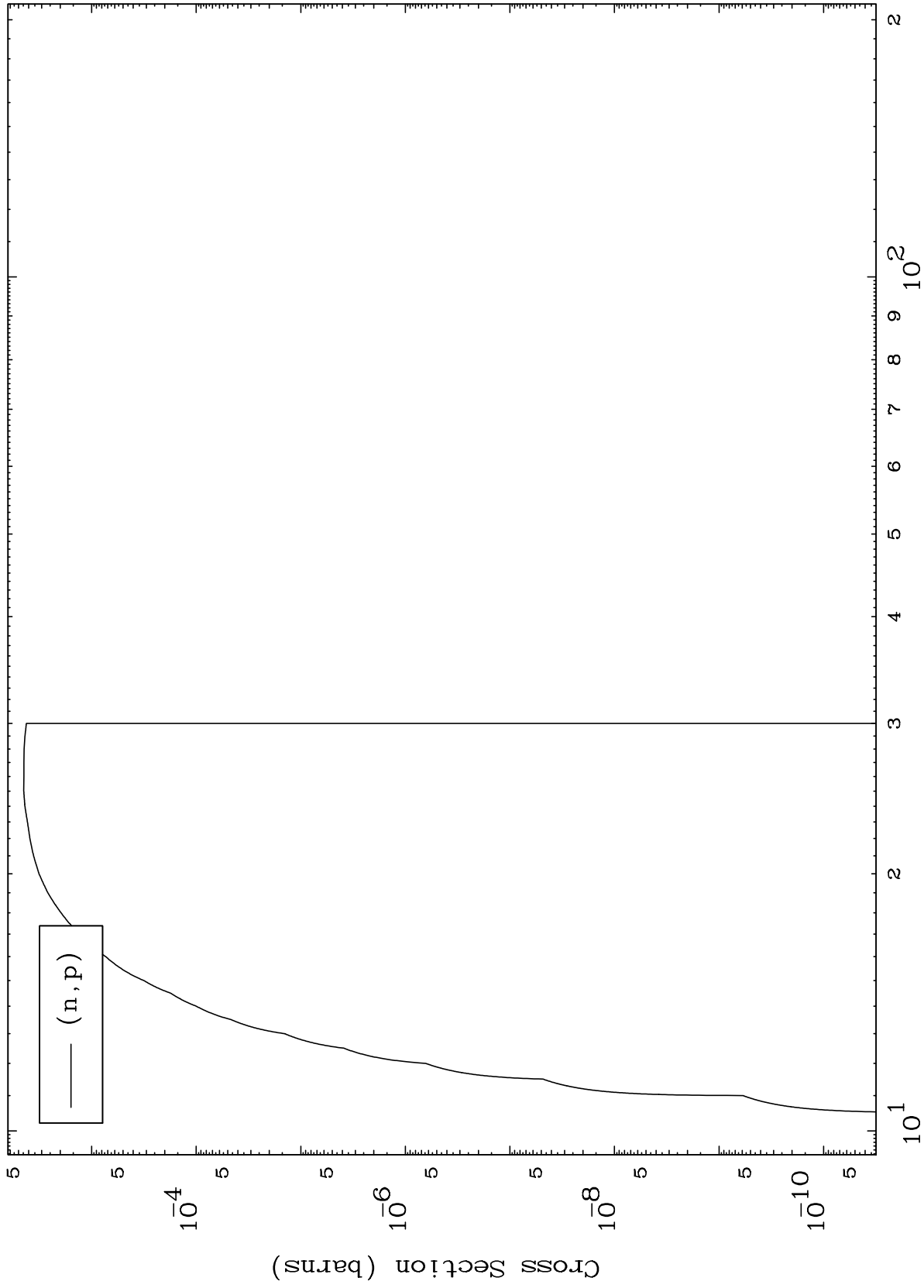
Incident Energy (MeV)

29-Cu-75

MAT 2961

(n,p) Levels
293 Kelvin Cross Sections

29-Cu-75



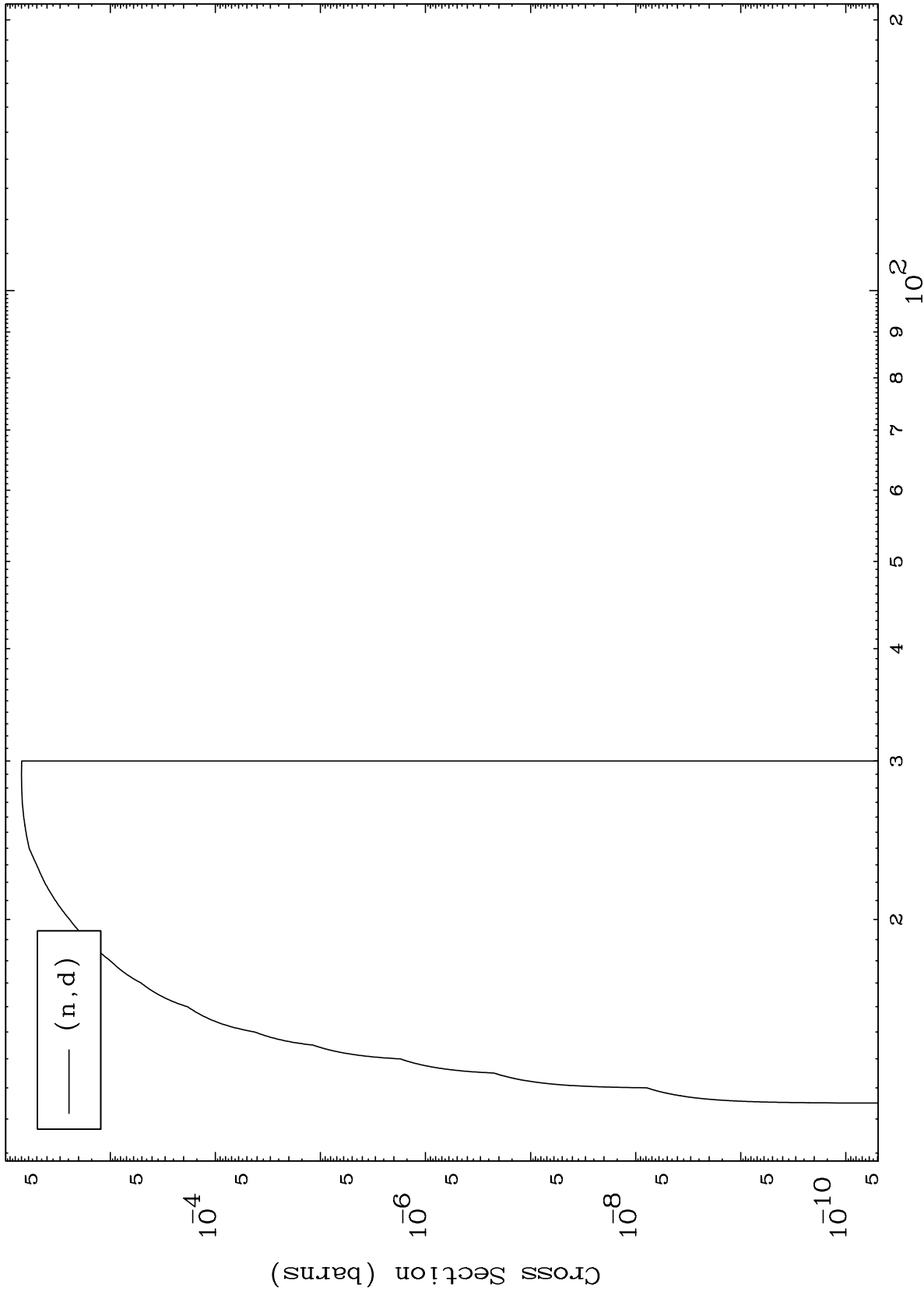
Incident Energy (MeV)

29-Cu-75

MAT 2961

(n,d) Levels
293 Kelvin Cross Sections

29-Cu-75



10

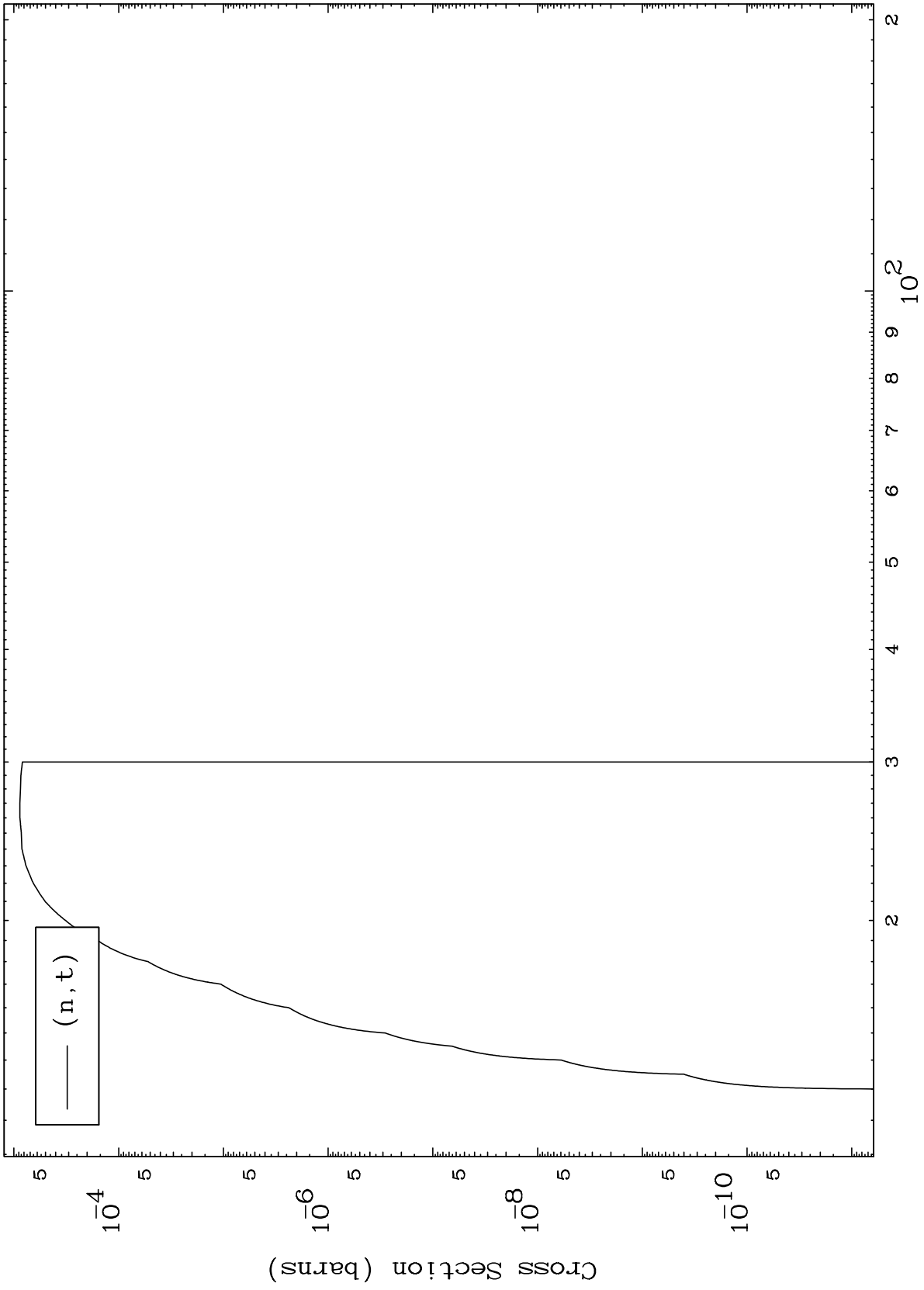
Incident Energy (MeV)

29-Cu-75

MAT 2961

(n,t) Levels
293 Kelvin Cross Sections

29-Cu-75



11

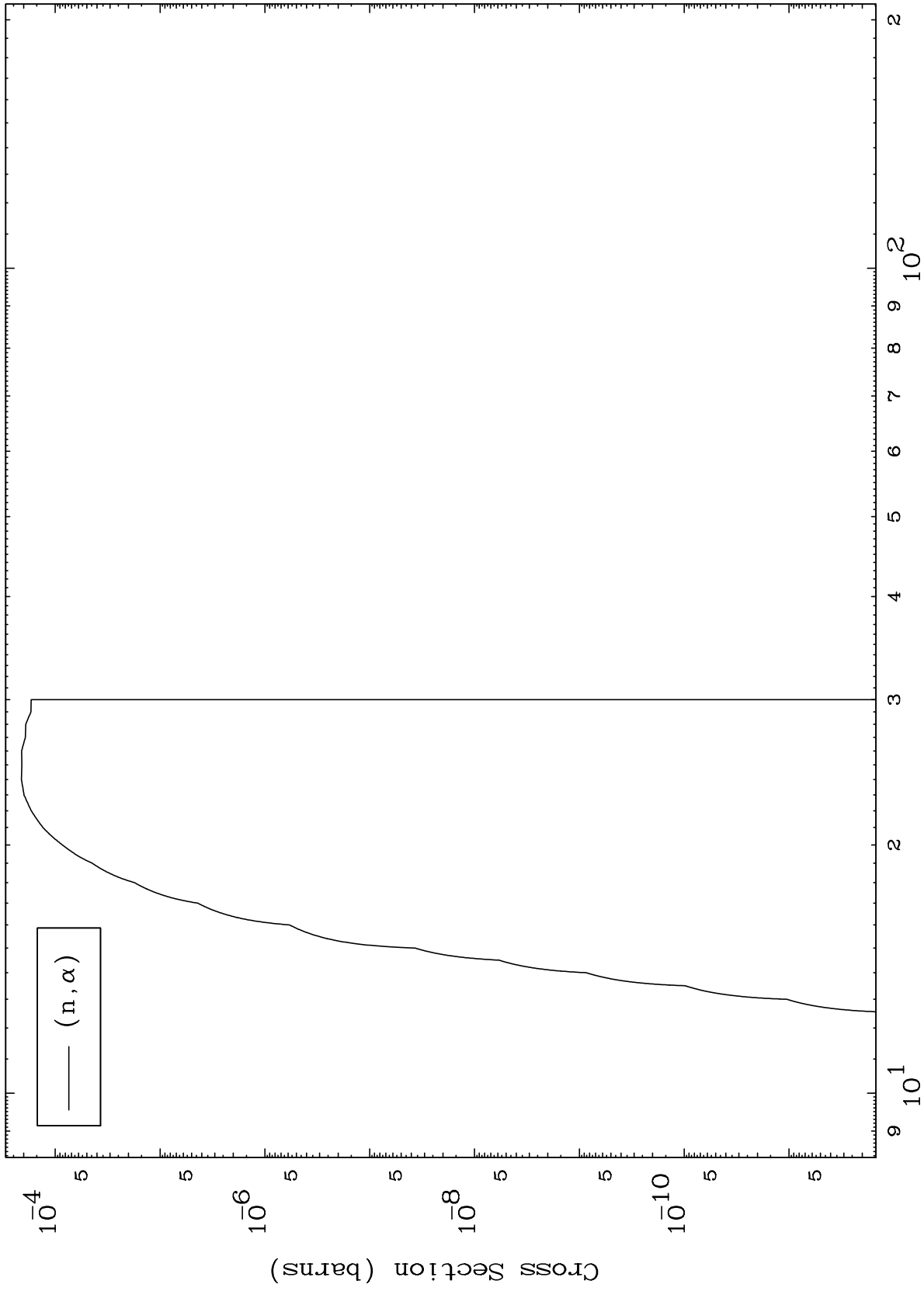
Incident Energy (MeV)

29-Cu-75

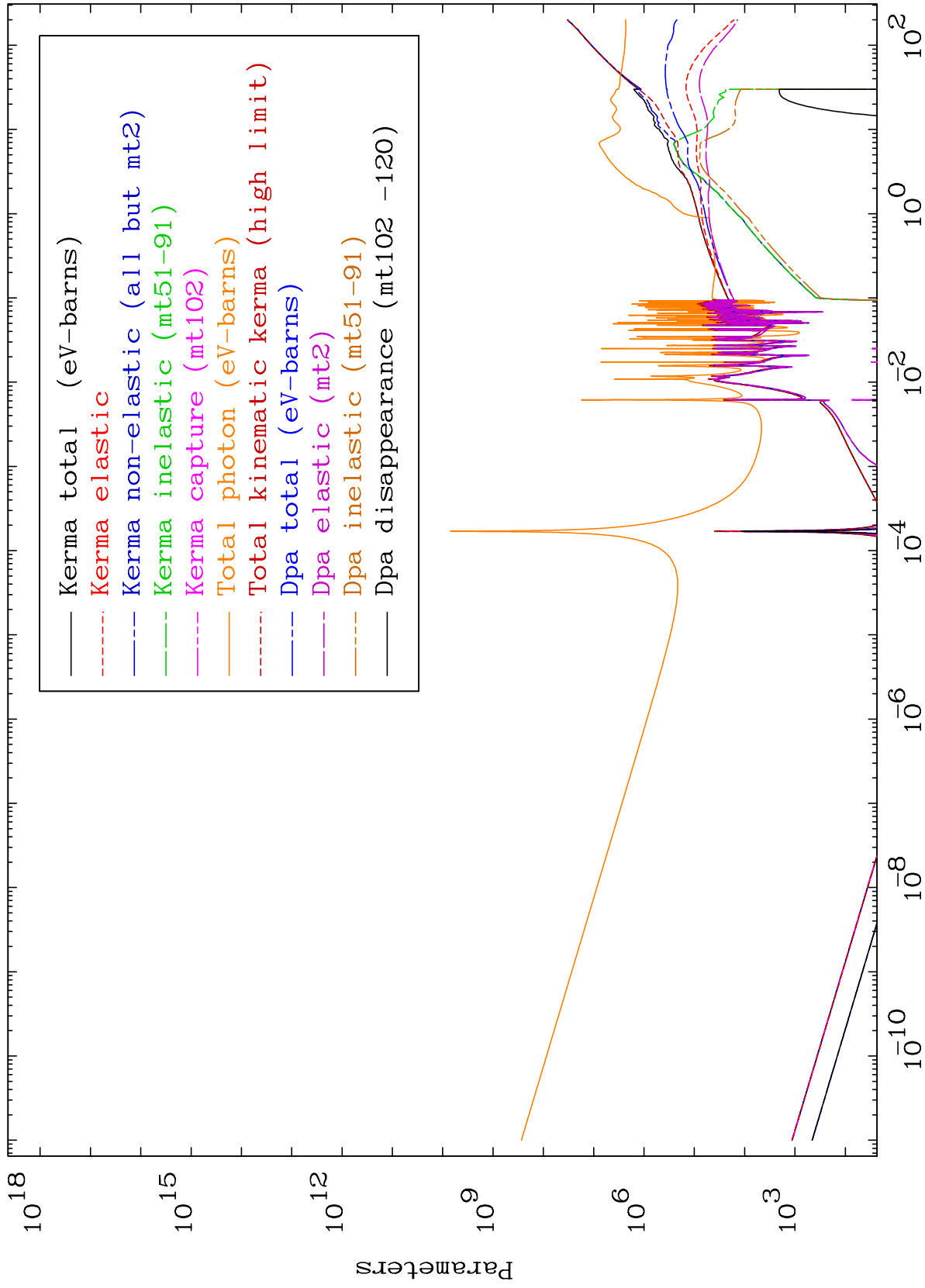
MAT 2961

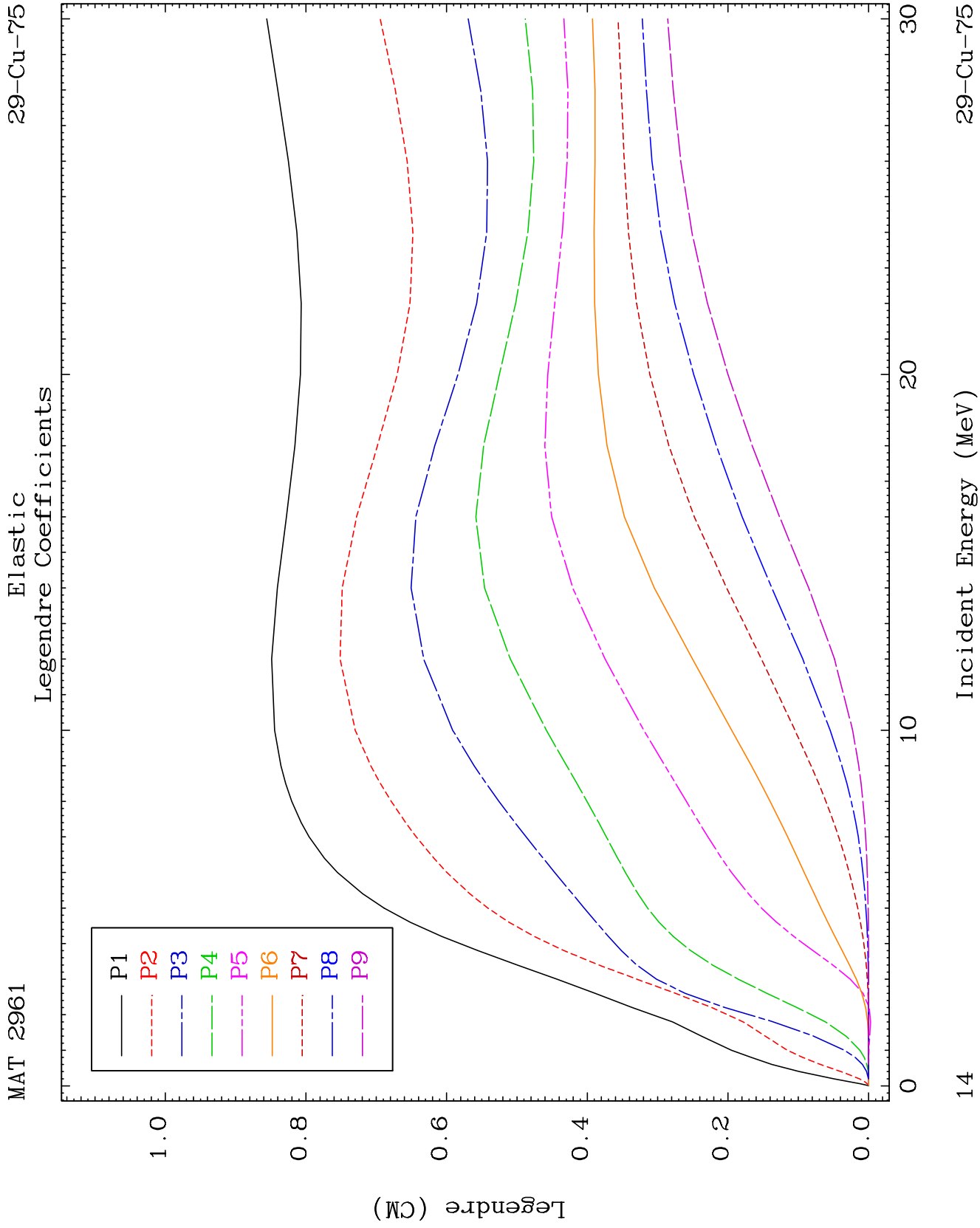
(n,α) Levels
293 Kelvin Cross Sections

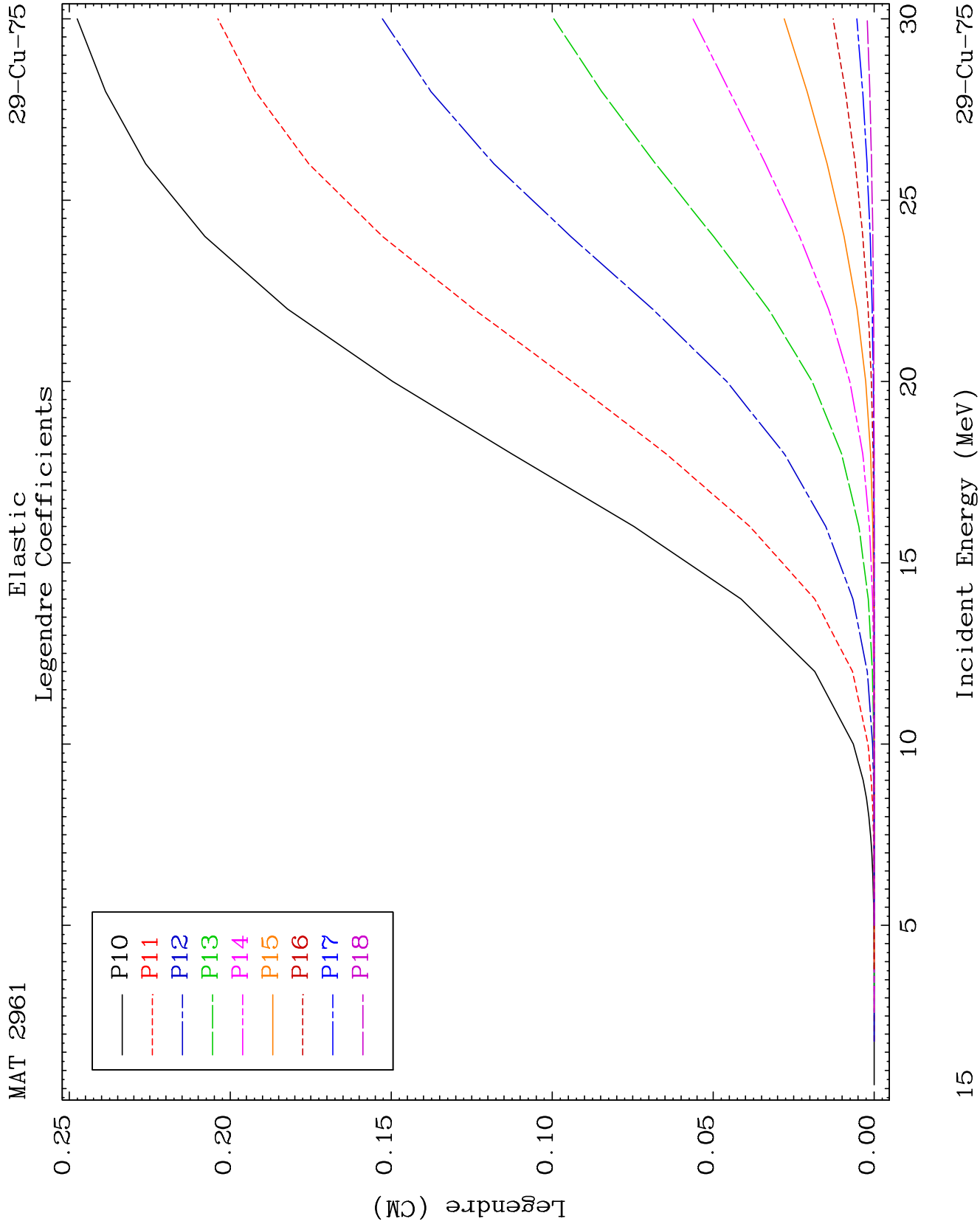
29-Cu-75



12



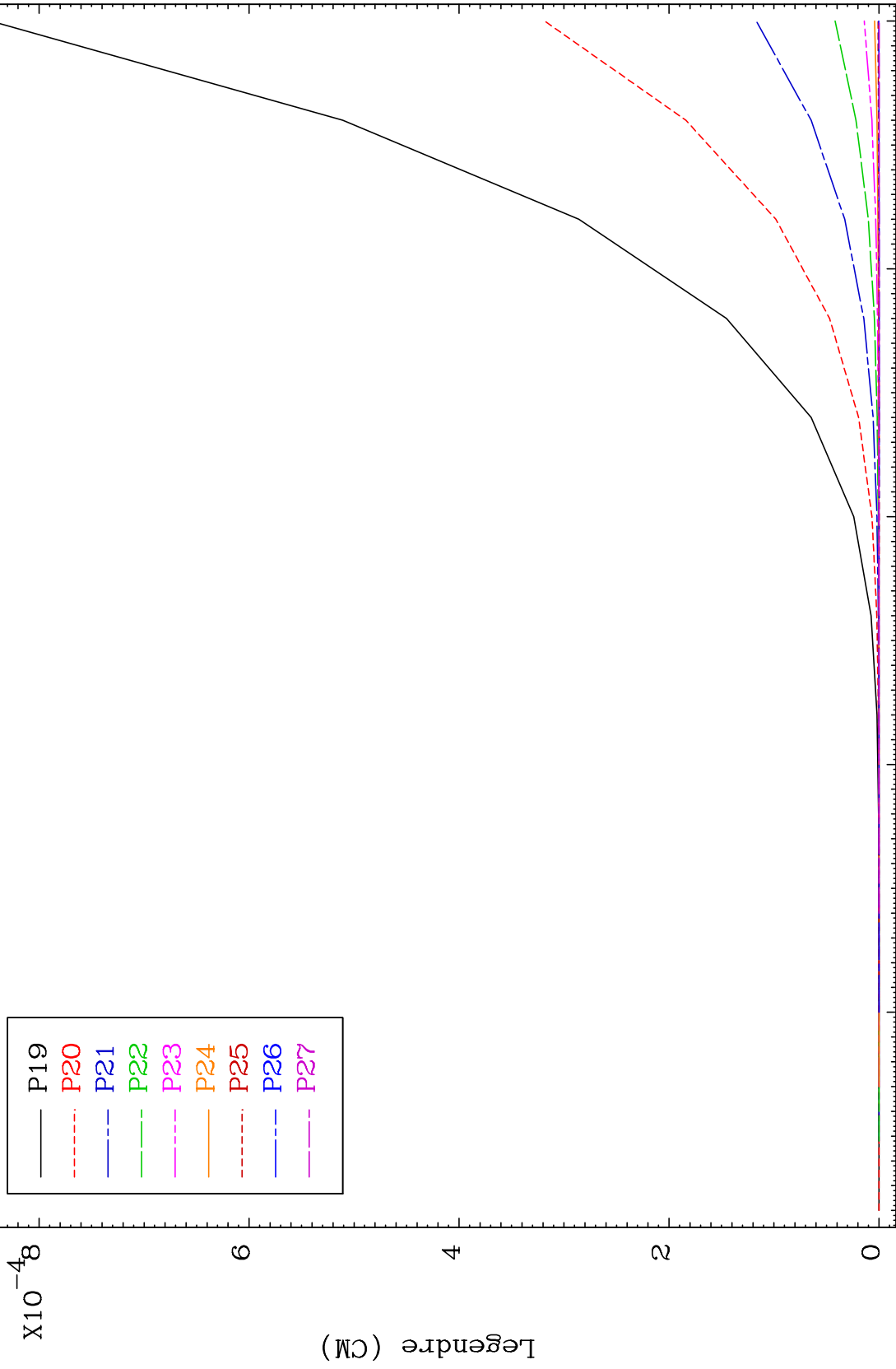
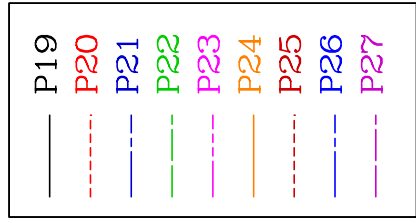




MAT 2961

Elastic Legendre Coefficients

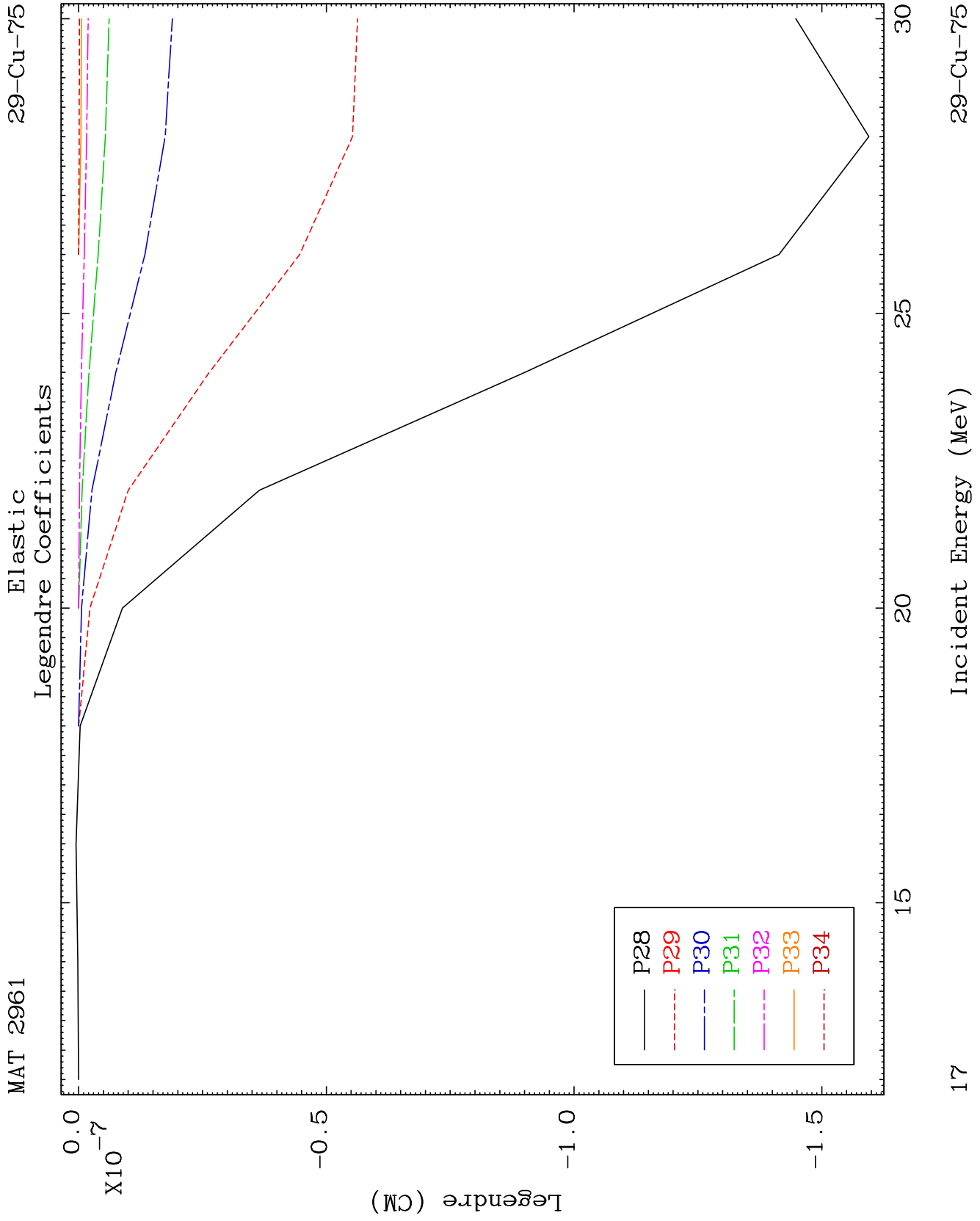
²⁹Cu-75



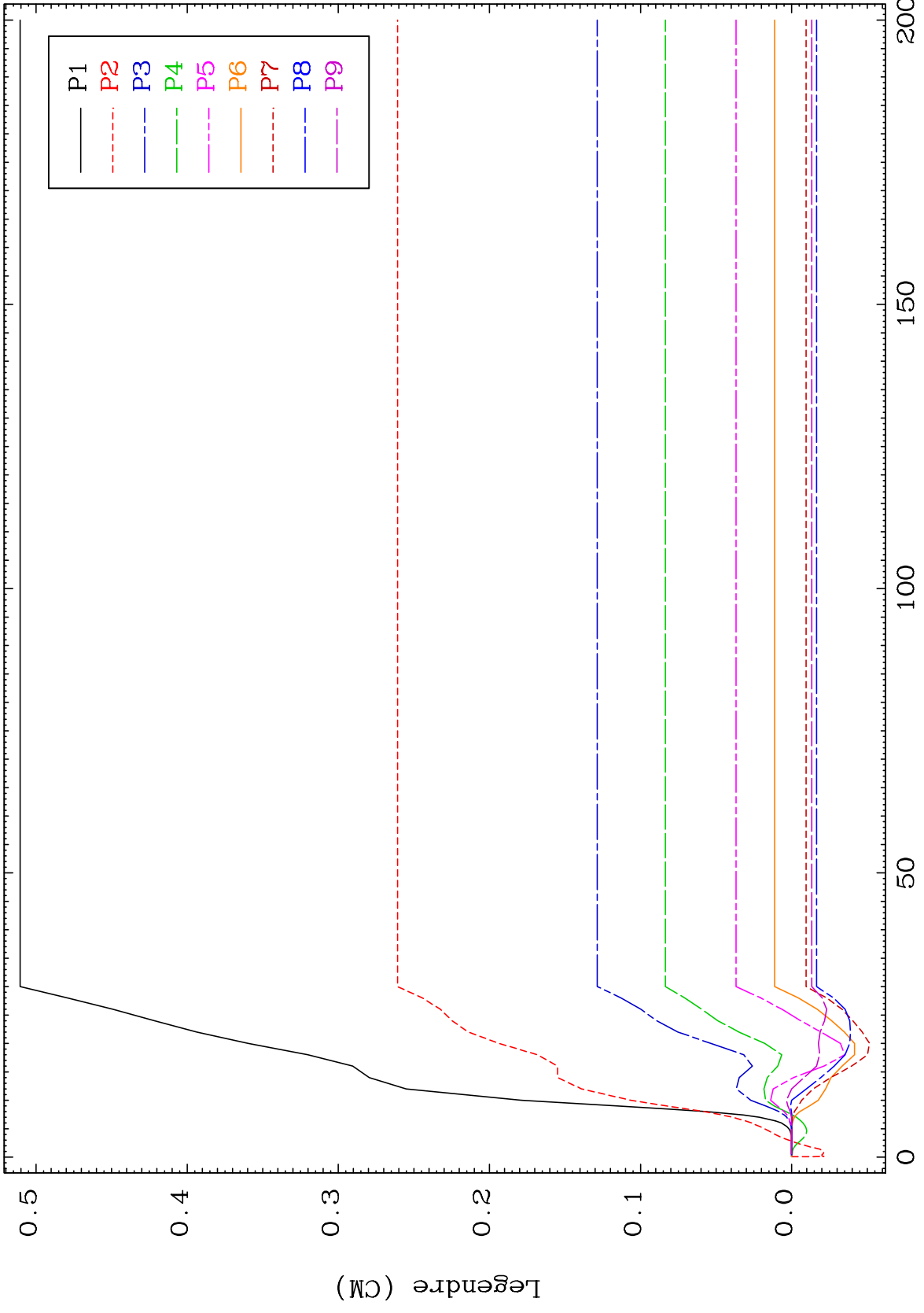
16

Incident Energy (MeV)

²⁹Cu-75

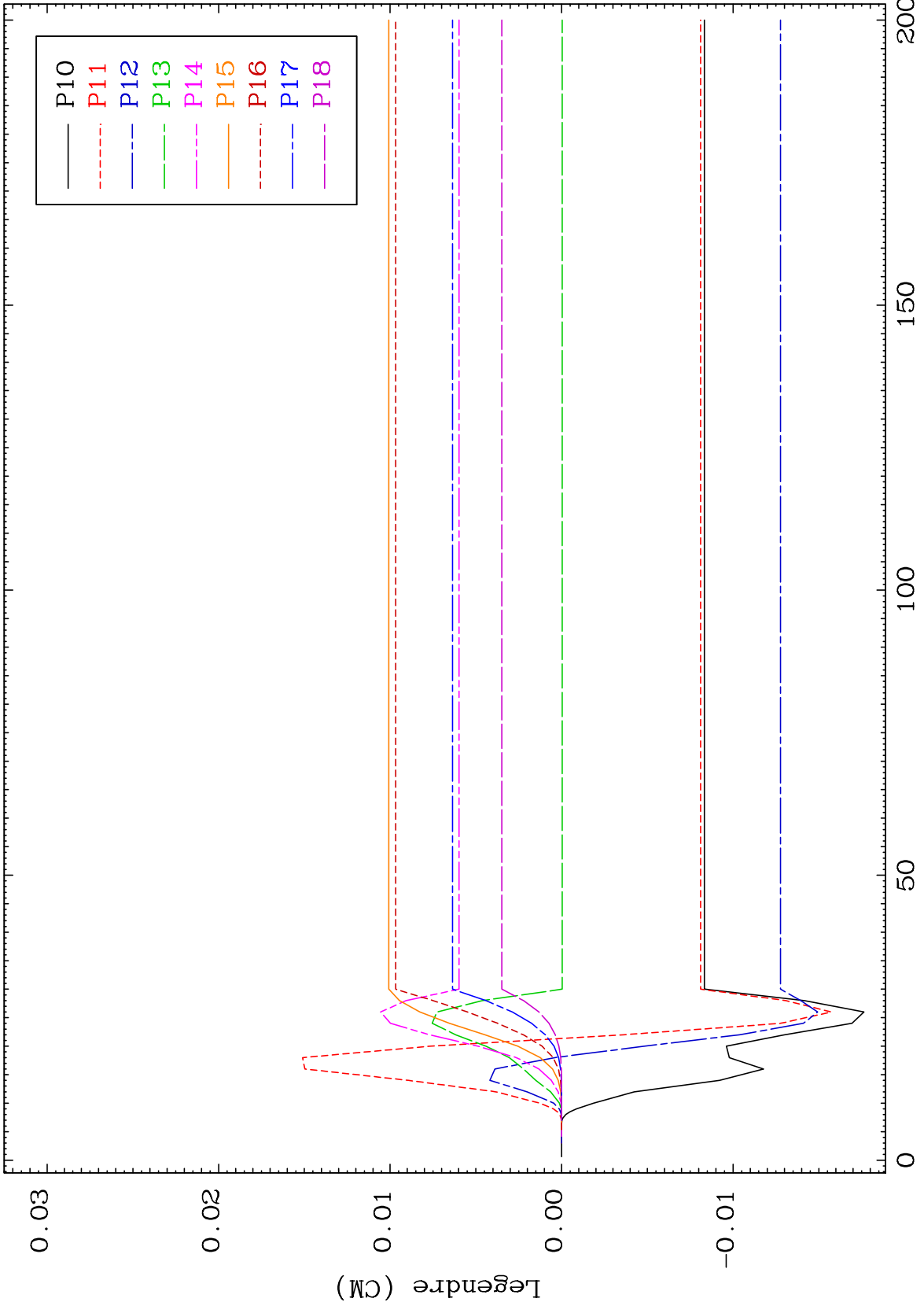


MAT 2961 MT= 51 (n,n') Level Legendre Coefficients 29-Cu-75



18 Incident Energy (MeV) 29-Cu-75

MAT 2961 MT= 51 (n,n') Level Legendre Coefficients 29-Cu-75

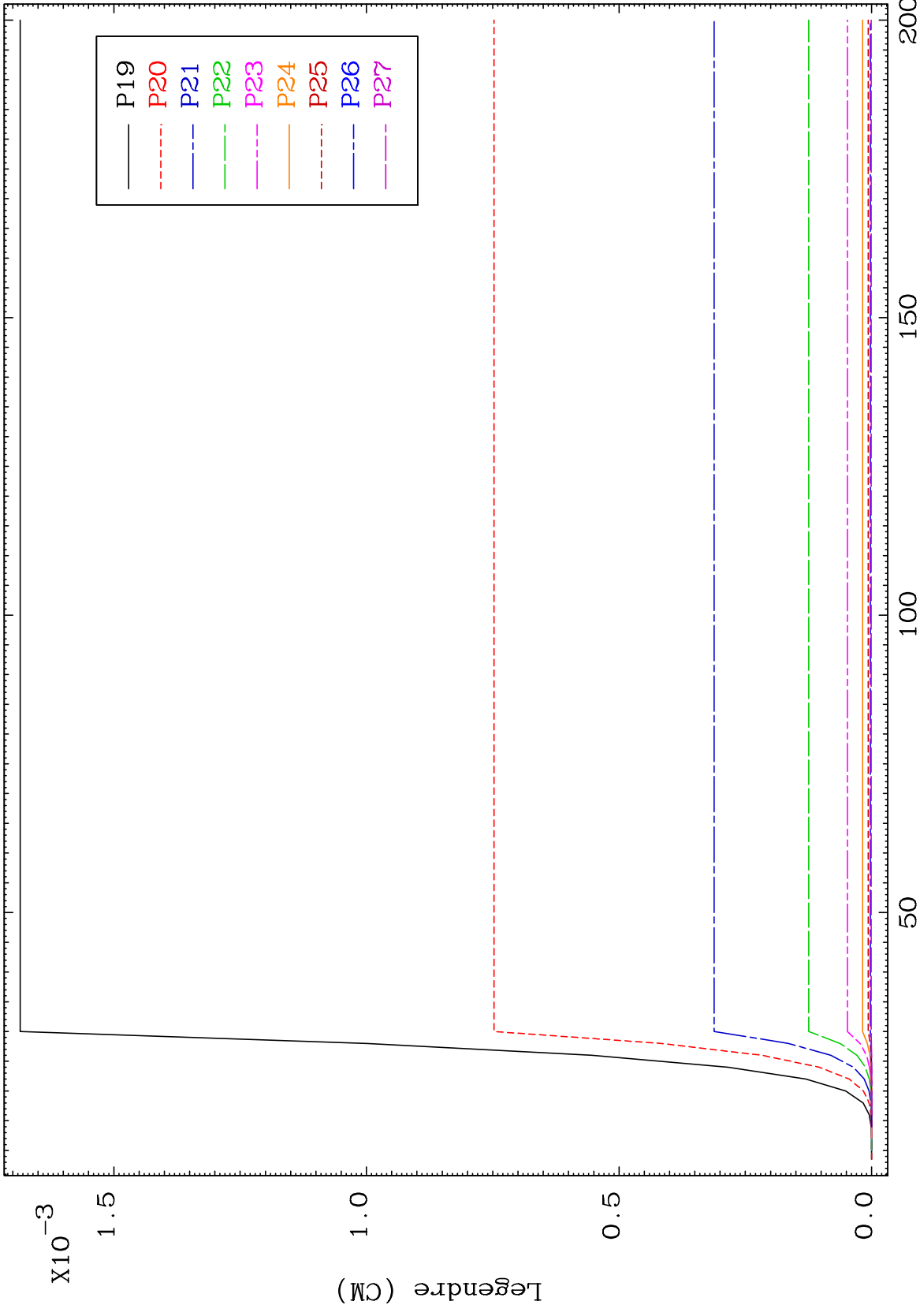


19 29-Cu-75

MAT 2961

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

29-Cu-75

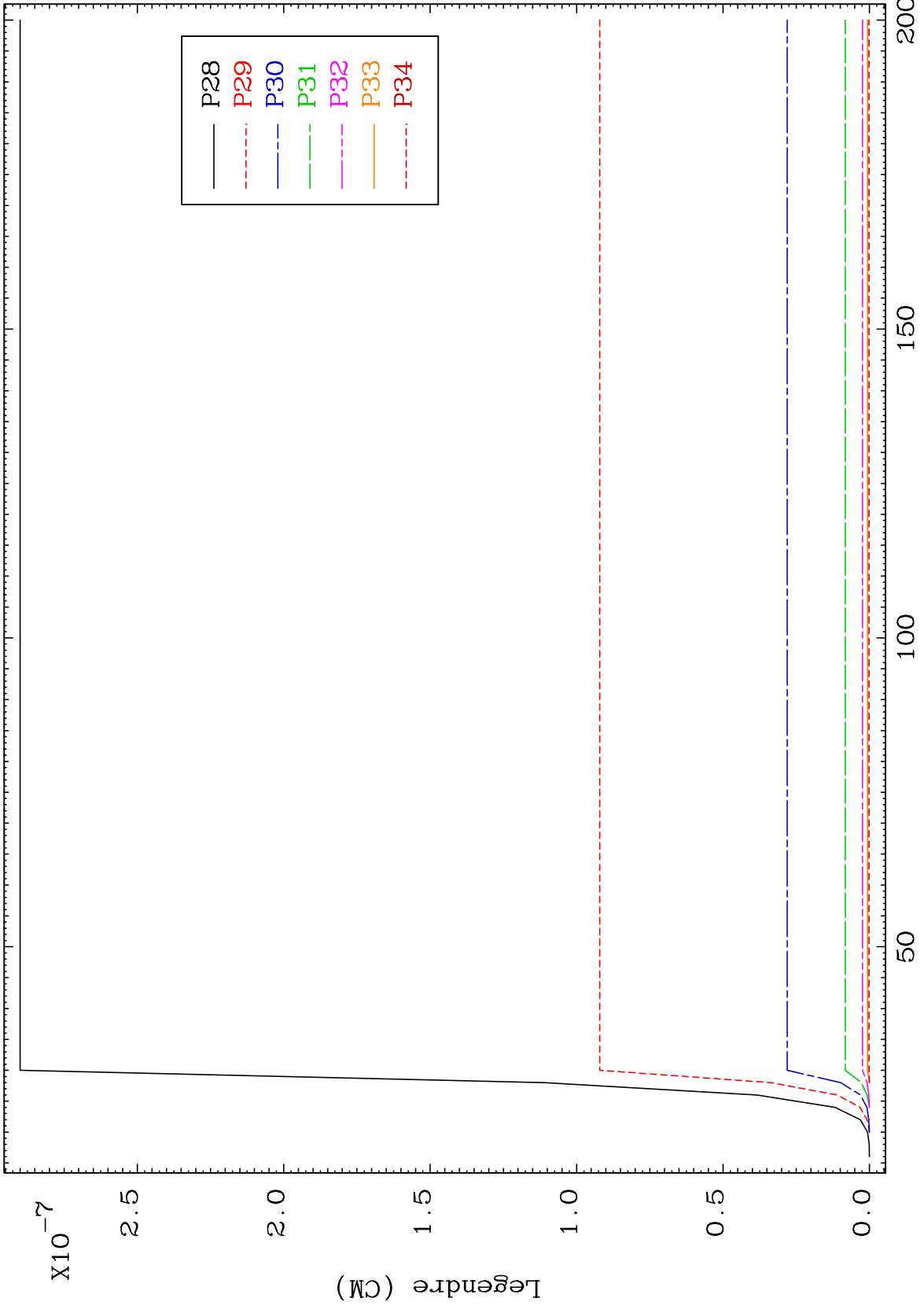


29-Cu-75

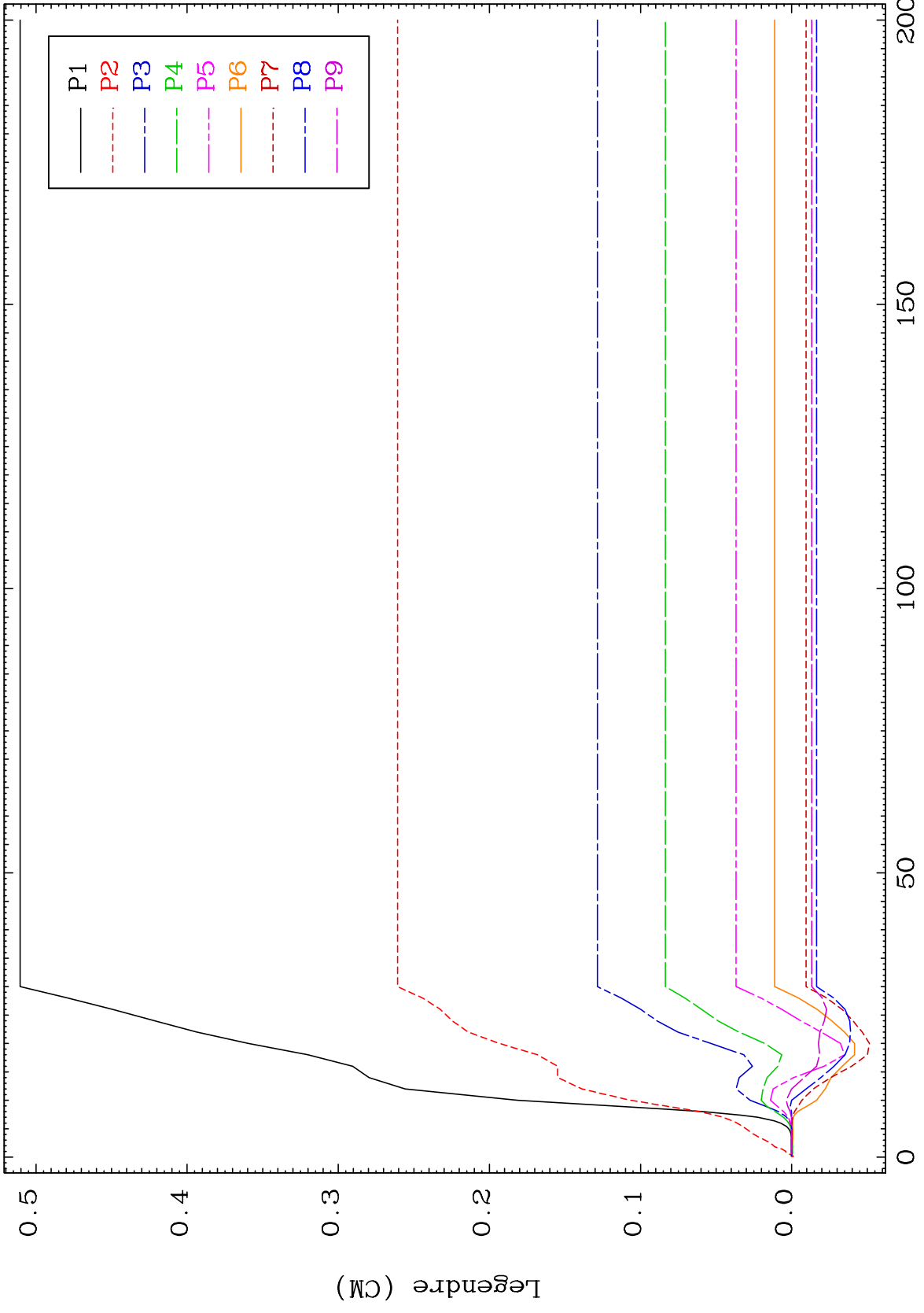
Incident Energy (MeV)

20

MAT 2961 MT= 51 (n,n') Level Legendre Coefficients 29-Cu-75

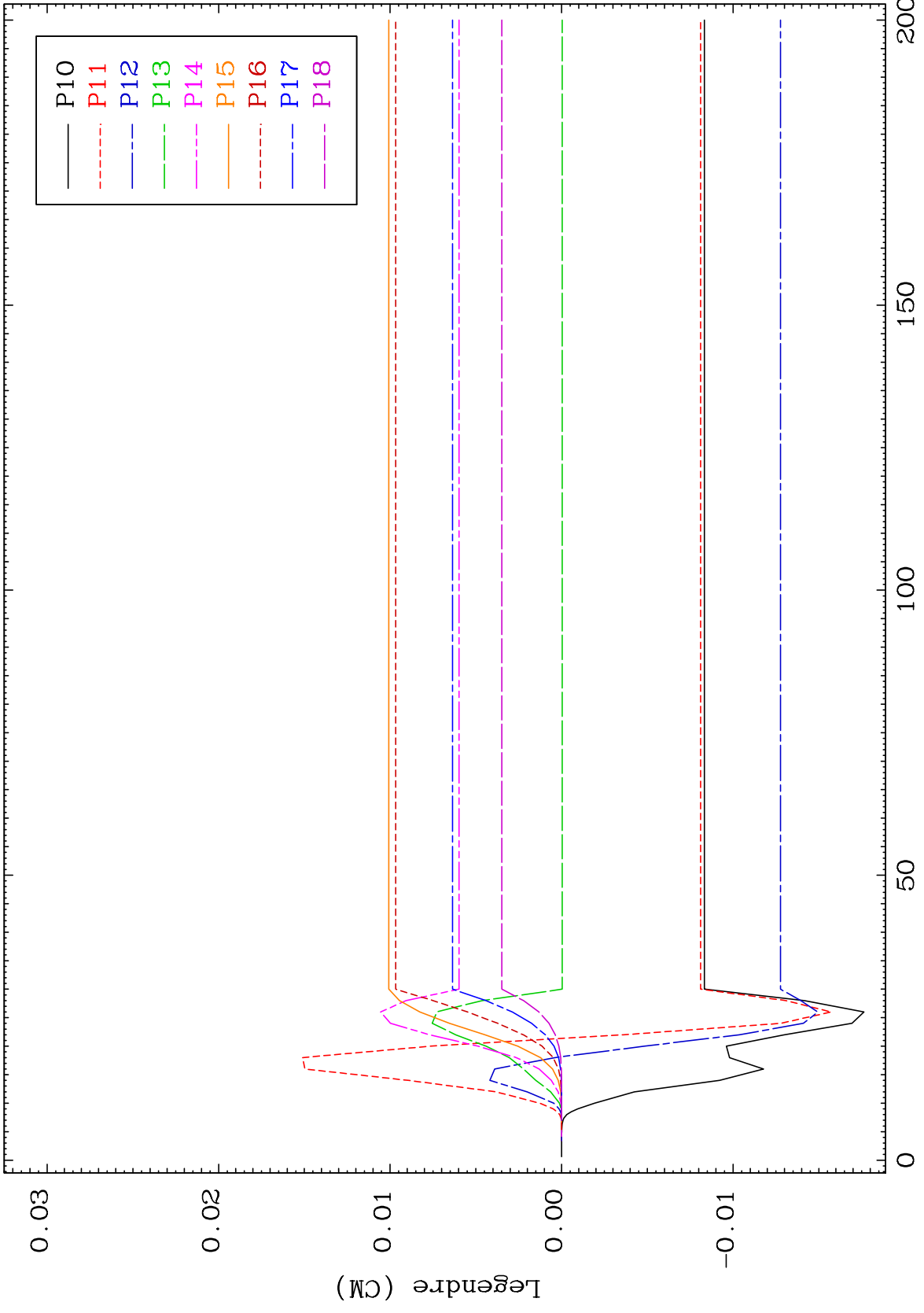


MAT 2961 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-75



22 29-Cu-75

MAT 2961 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-75

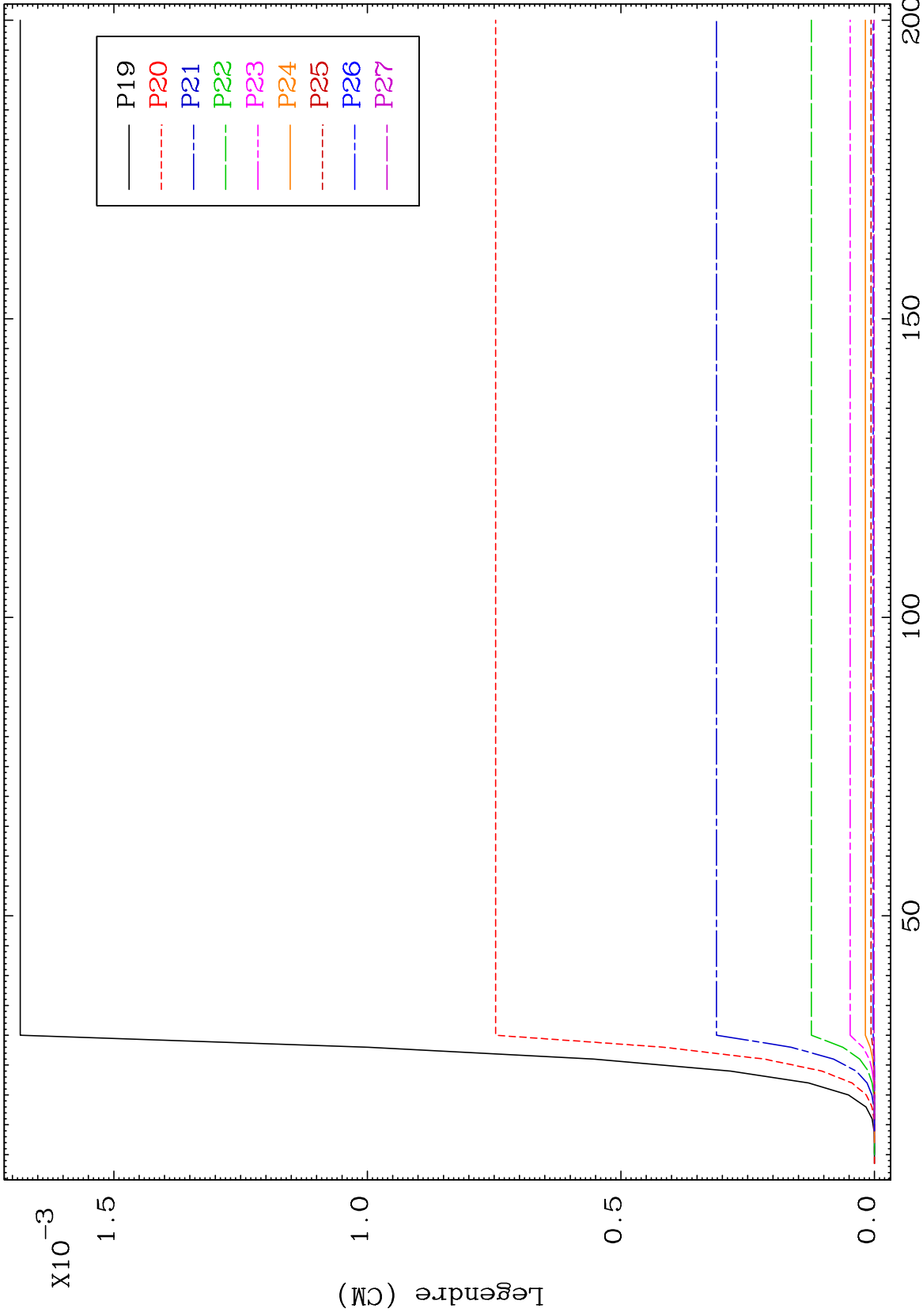


23 29-Cu-75

MAT 2961

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

29-Cu-75

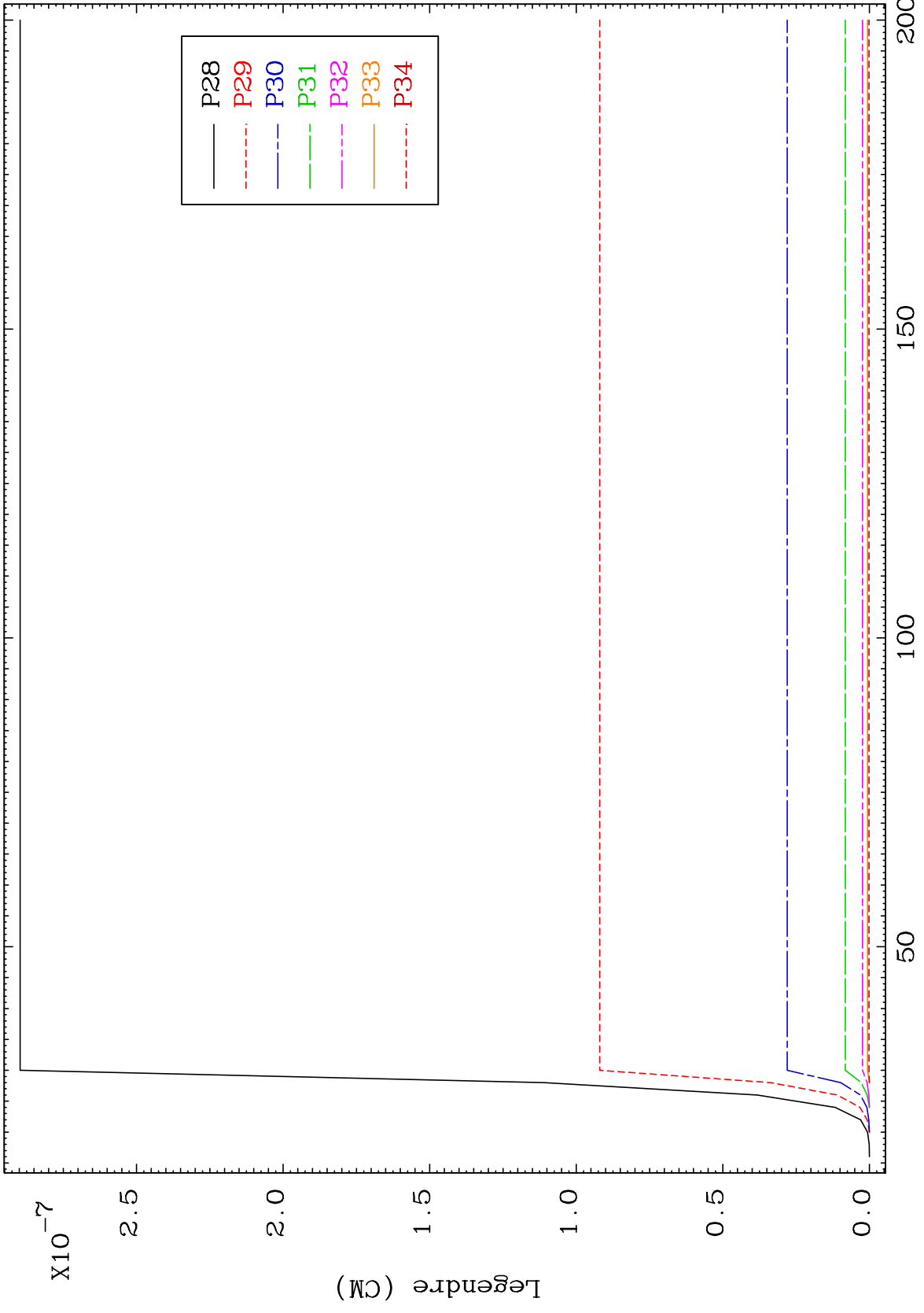


24

Incident Energy (MeV)

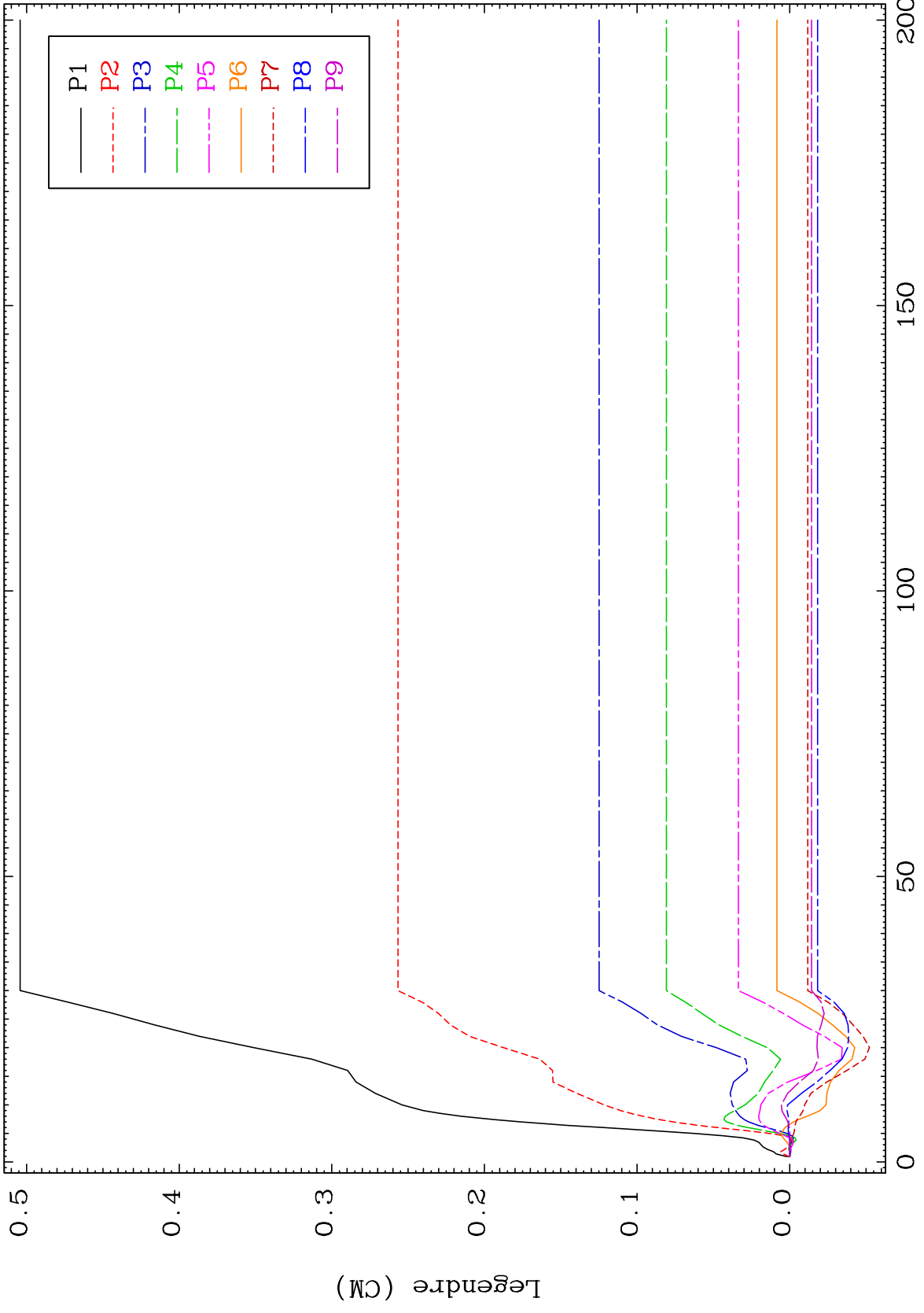
29-Cu-75

MAT 2961 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-75



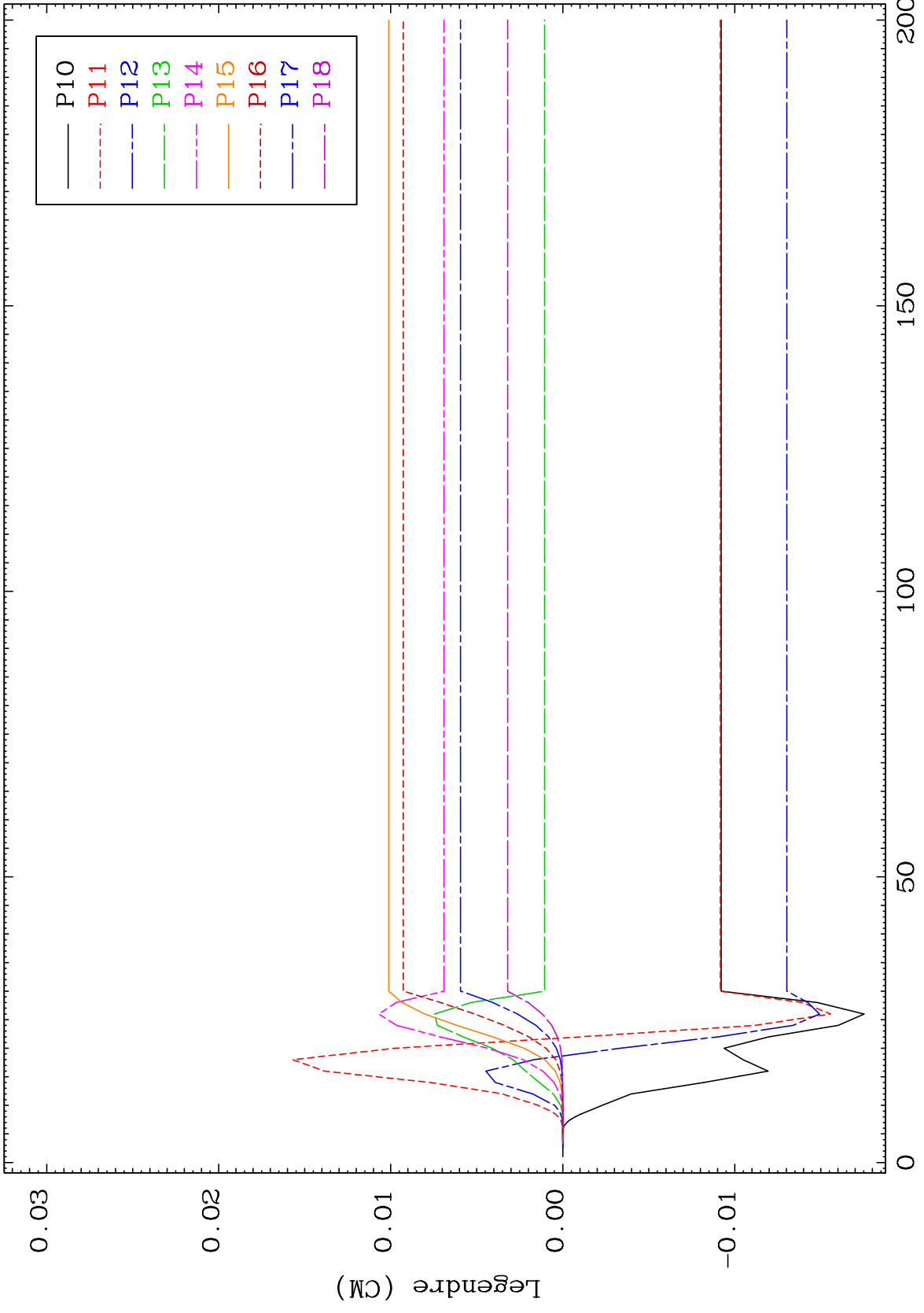
29-Cu-75

MAT 2961 MT= 53 (n,n') Level Legendre Coefficients 29-Cu-75



26 29-Cu-75

MAT 2961 MT= 53 (n,n') Level Legendre Coefficients 29-Cu-75

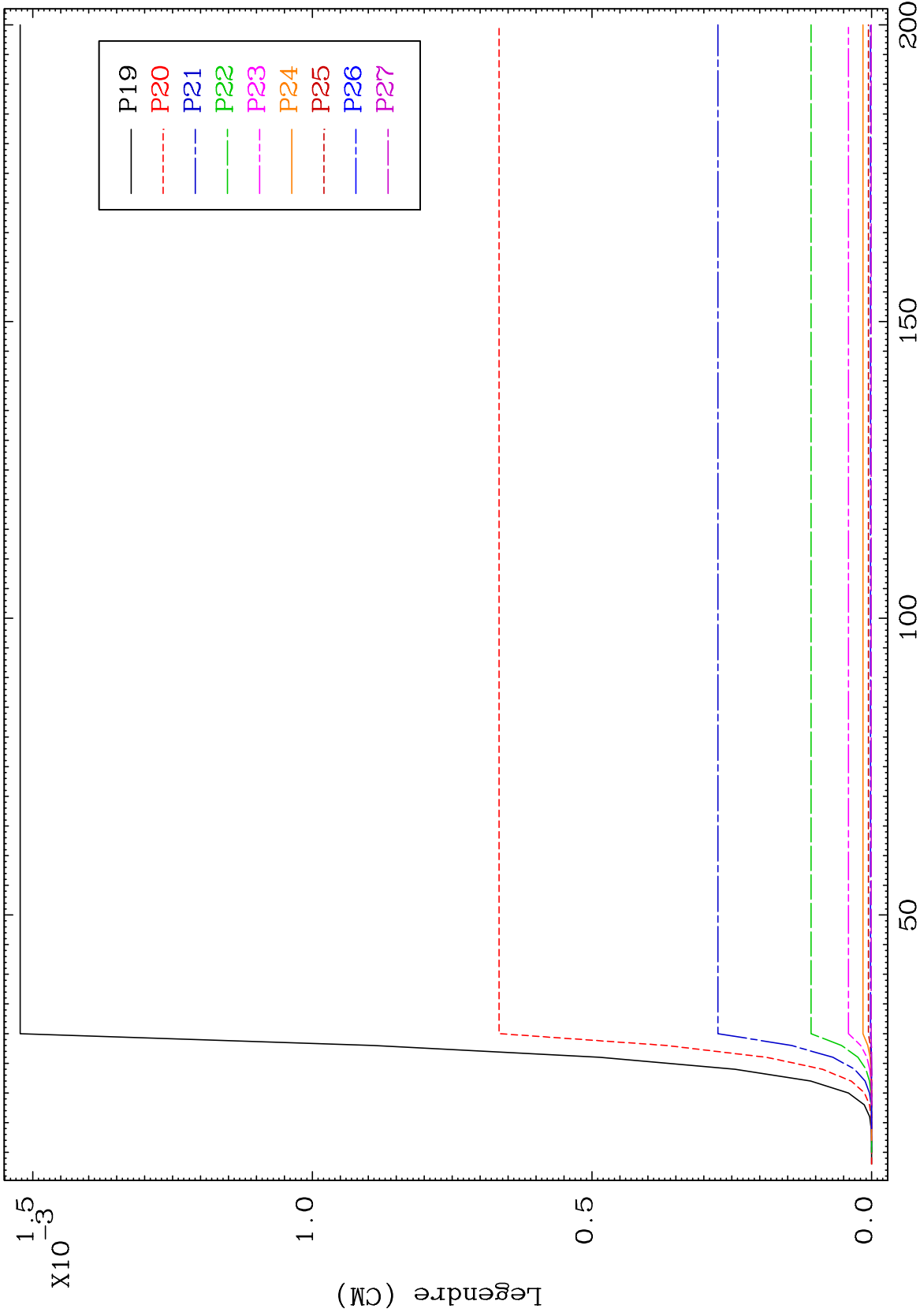


27 29-Cu-75

MAT 2961

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

29-Cu-75

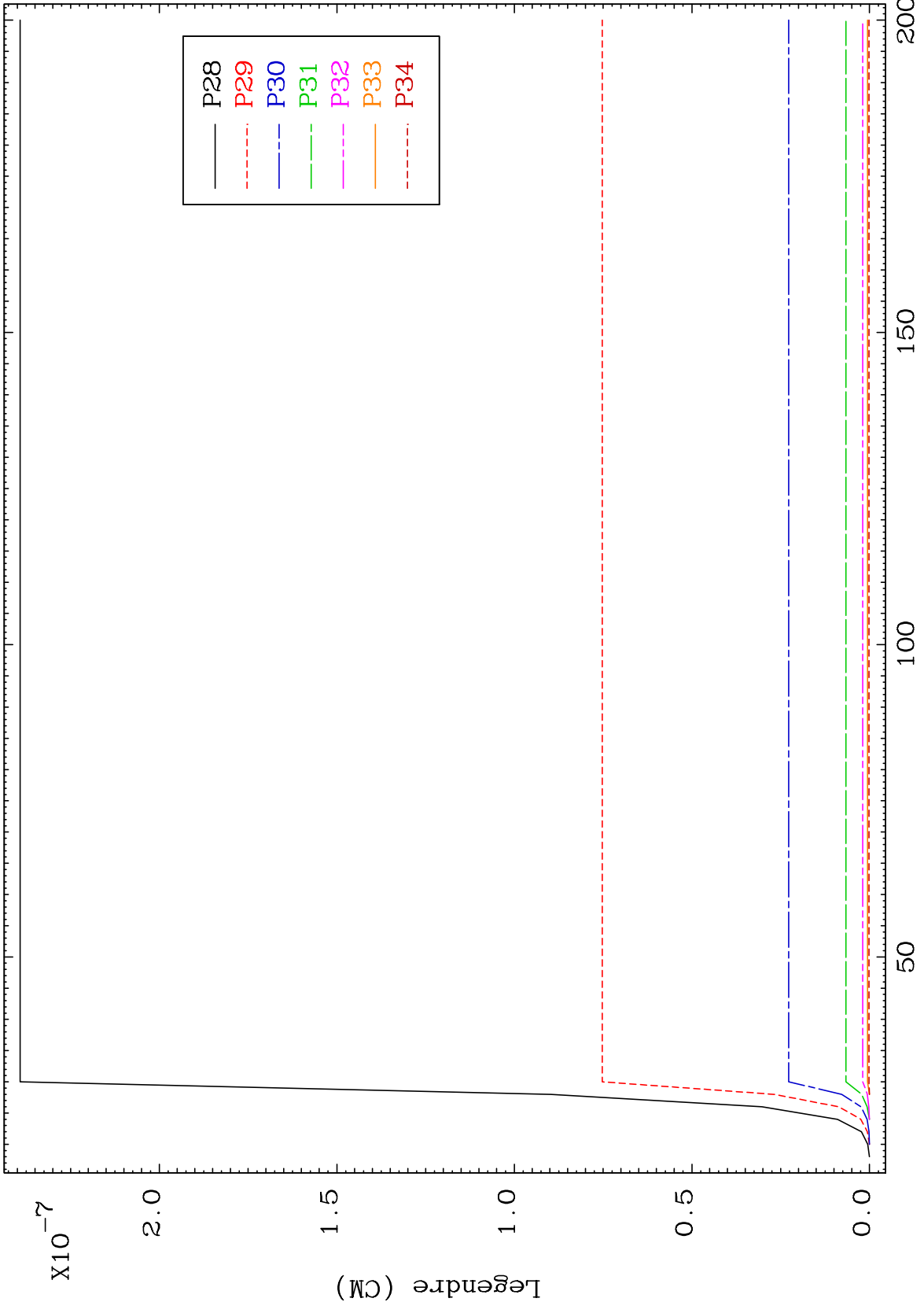


28

Incident Energy (MeV)

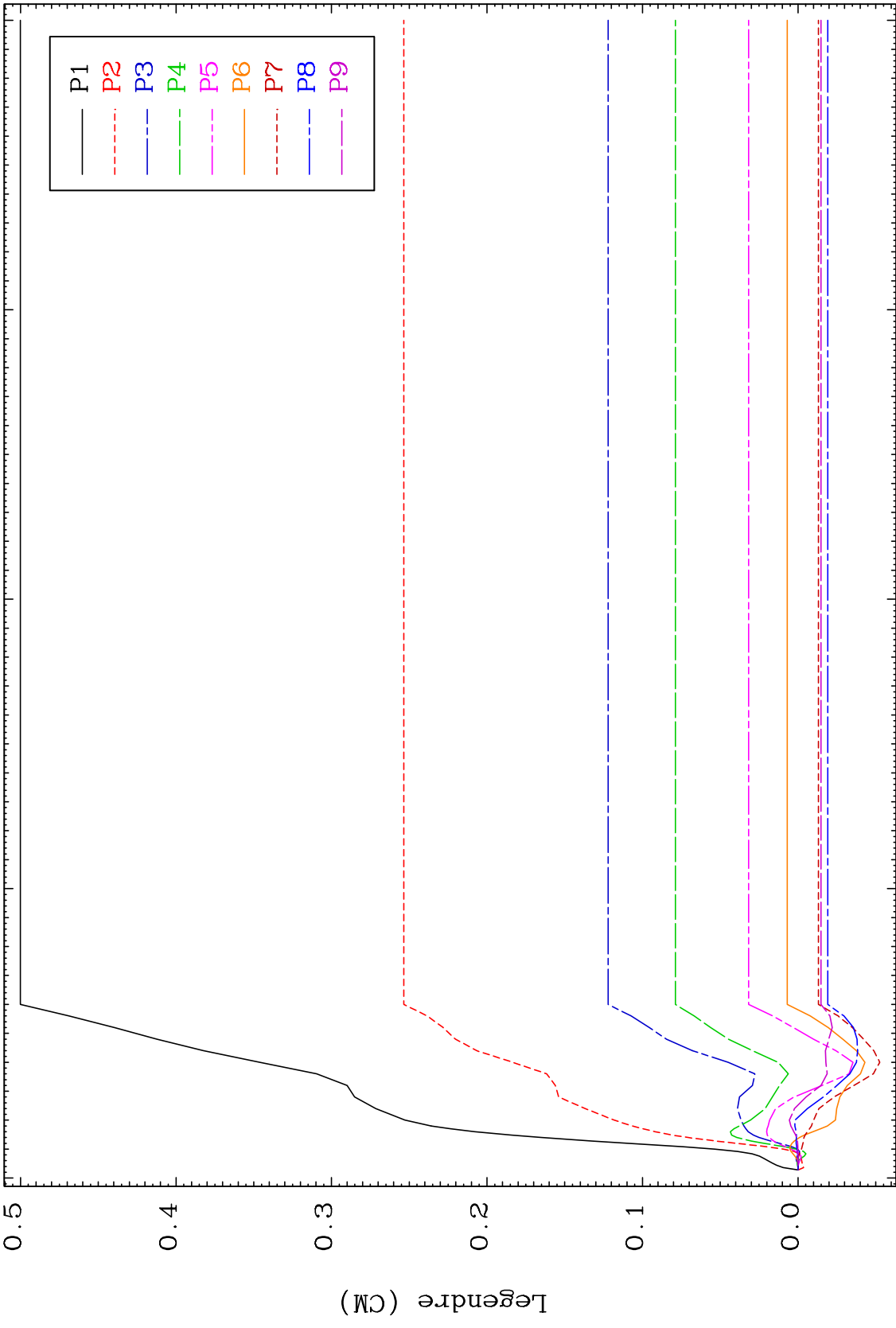
29-Cu-75

MAT 2961 MT= 53 (n,n') Level Legendre Coefficients 29-Cu-75



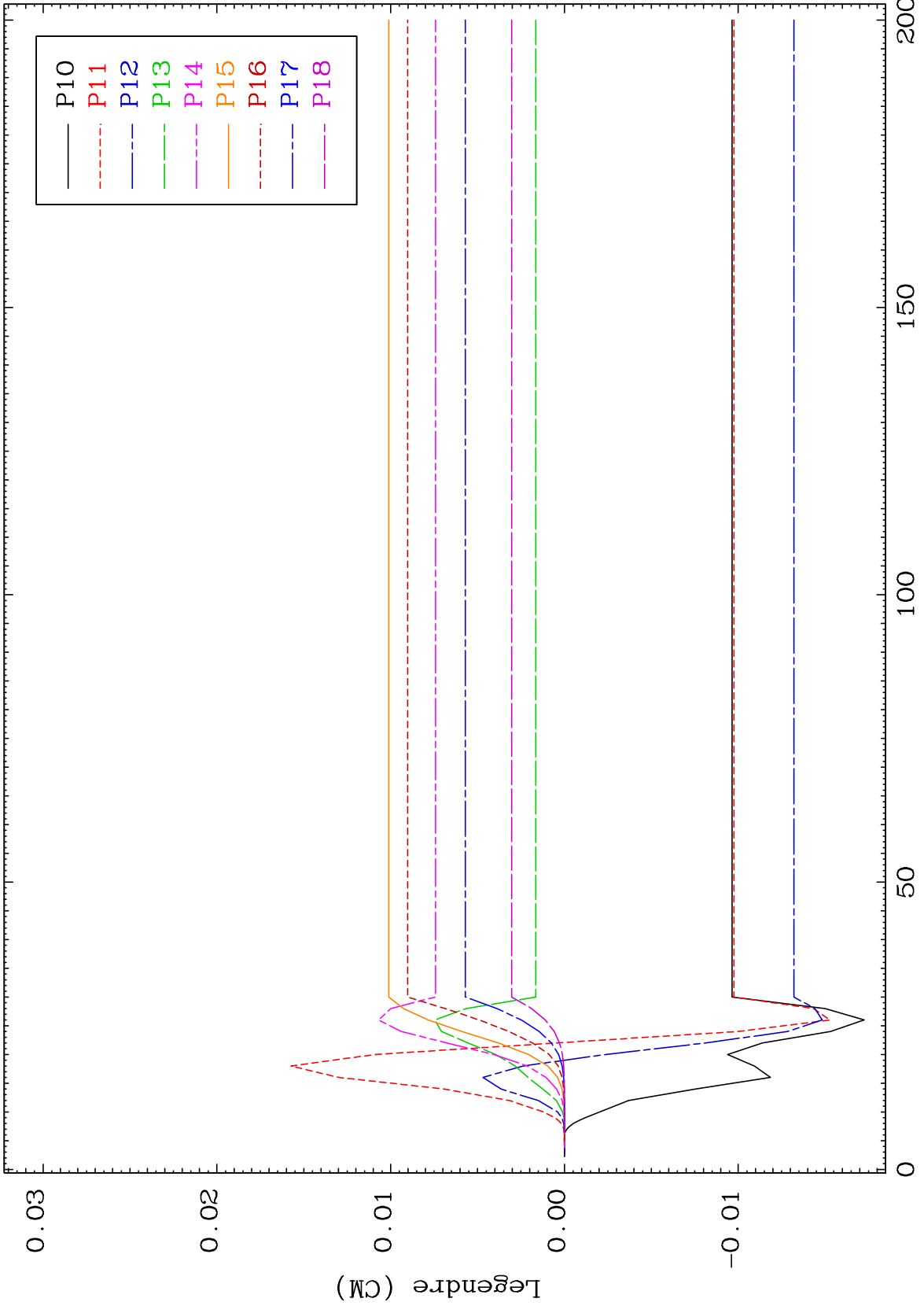
29-Cu-75

MAT 2961 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-75



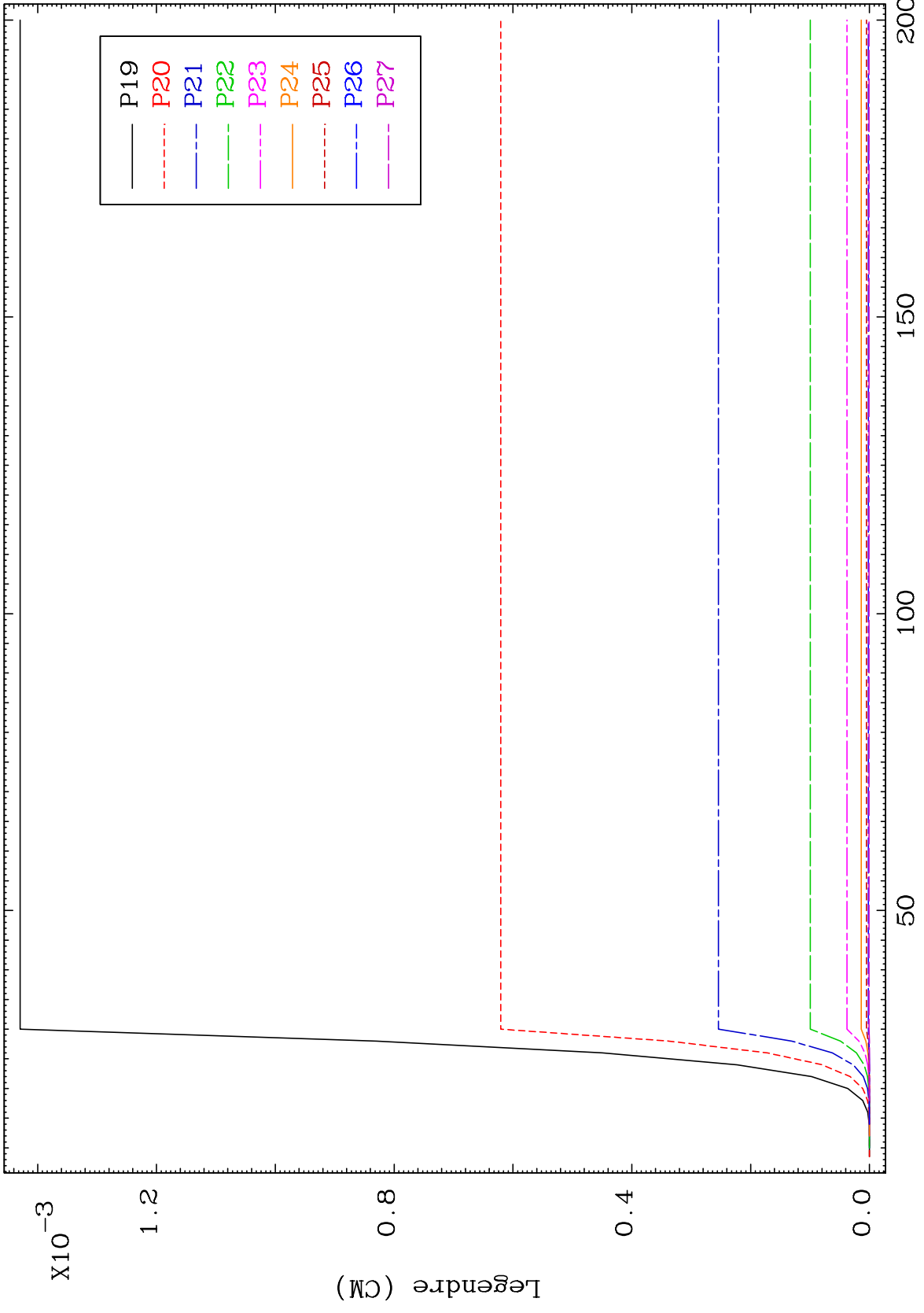
29-Cu-75

MAT 2961 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-75



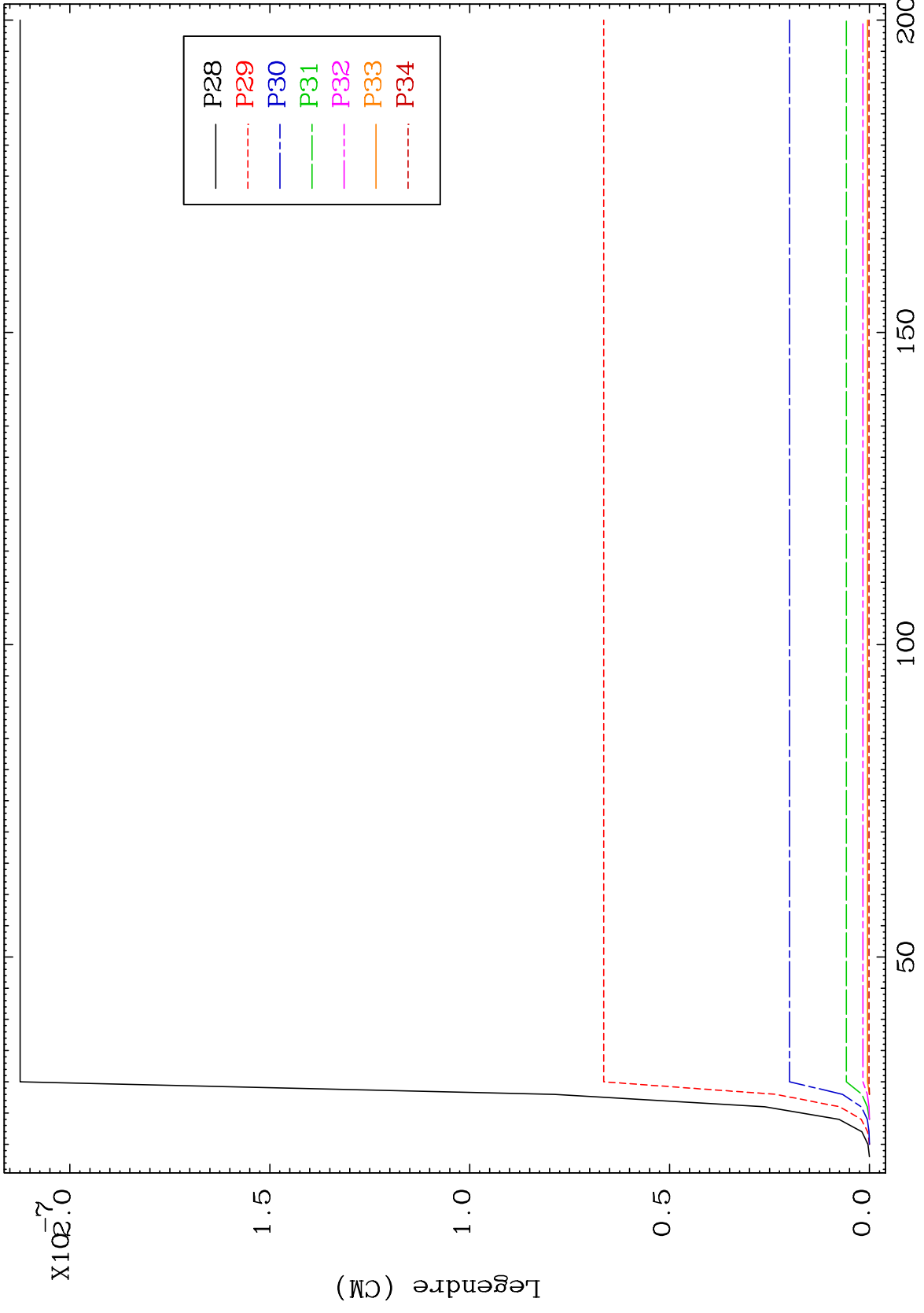
31 29-Cu-75

MAT 2961 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-75

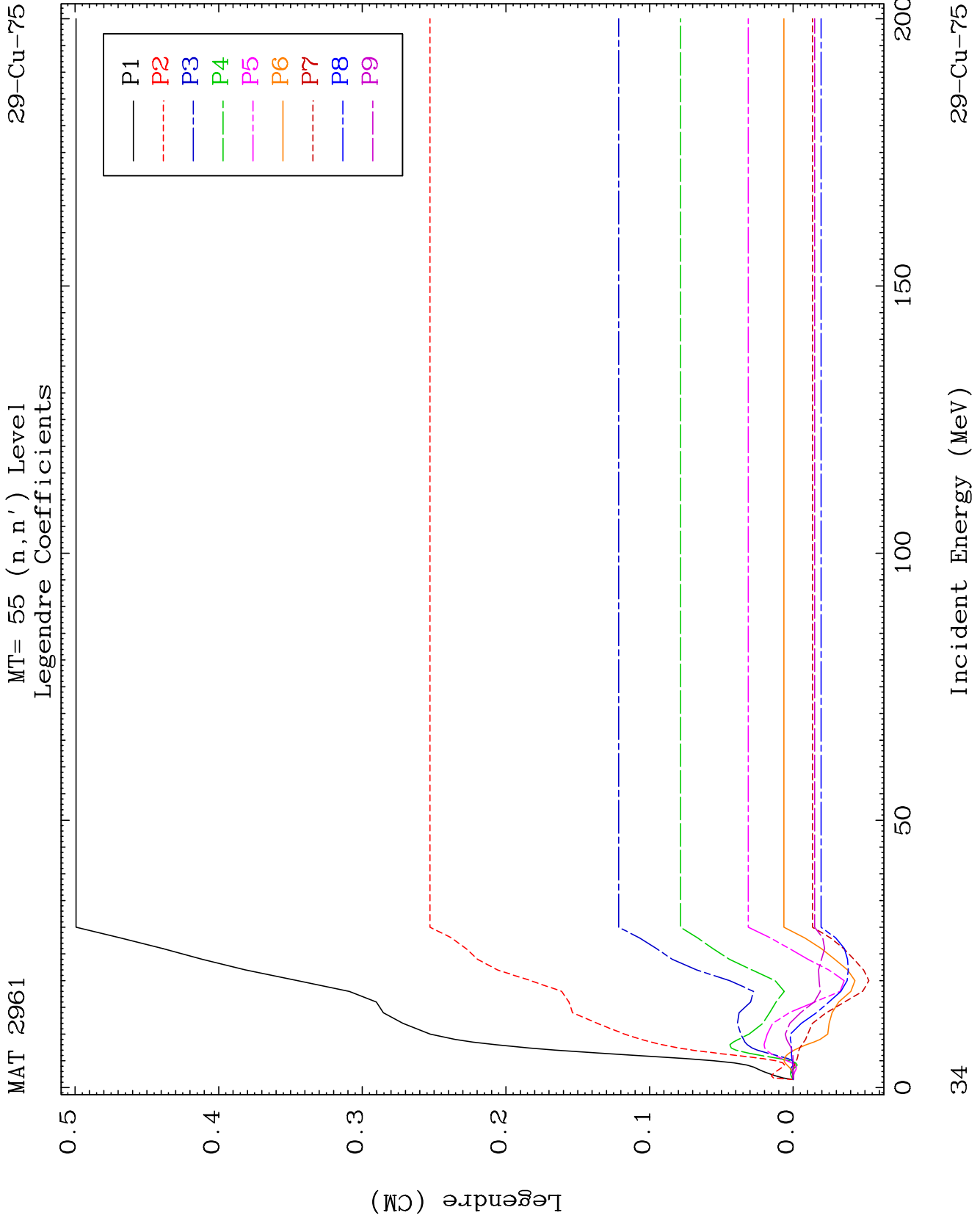


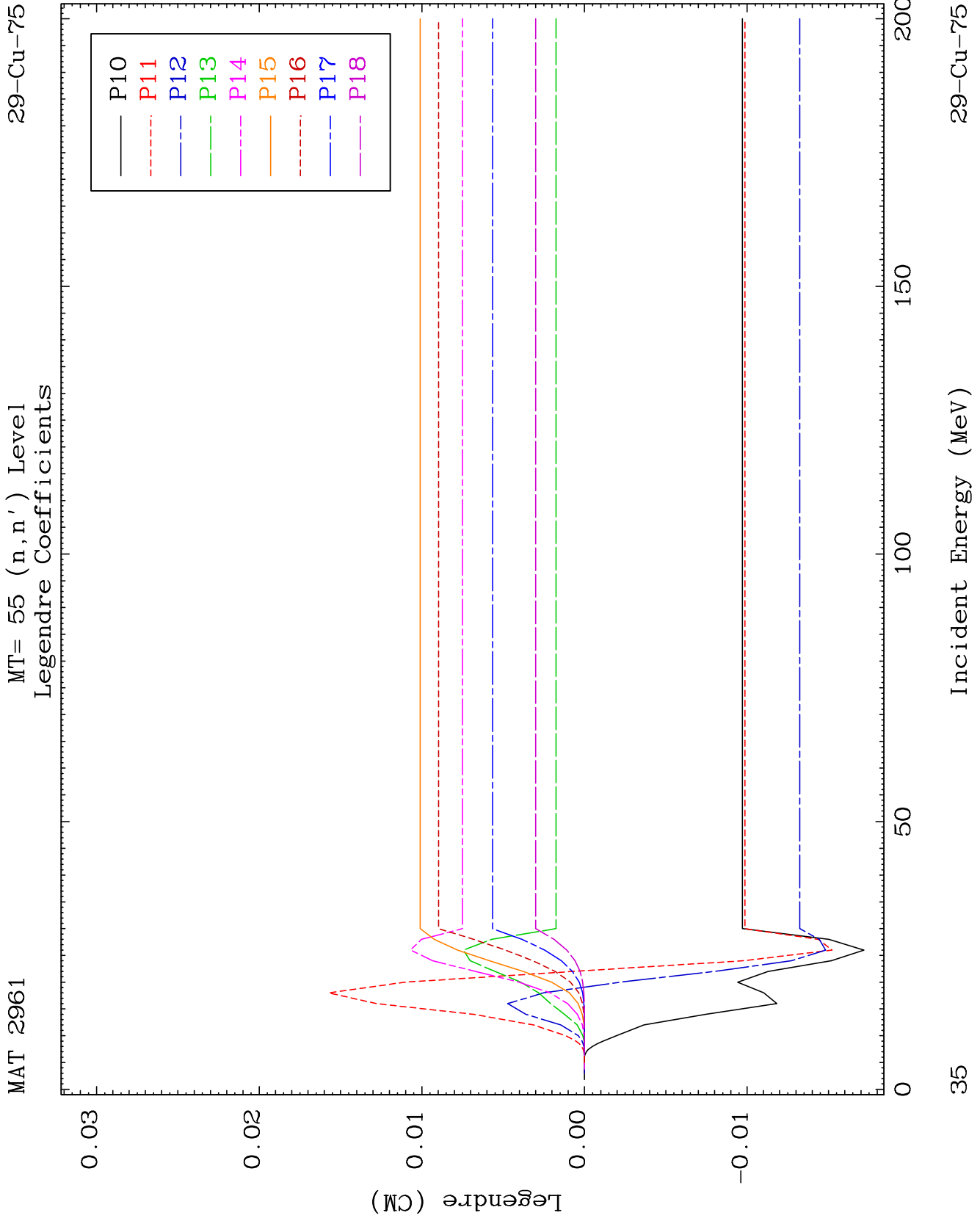
32 Incident Energy (MeV) 200 29-Cu-75

MAT 2961 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-75



33 29-Cu-75

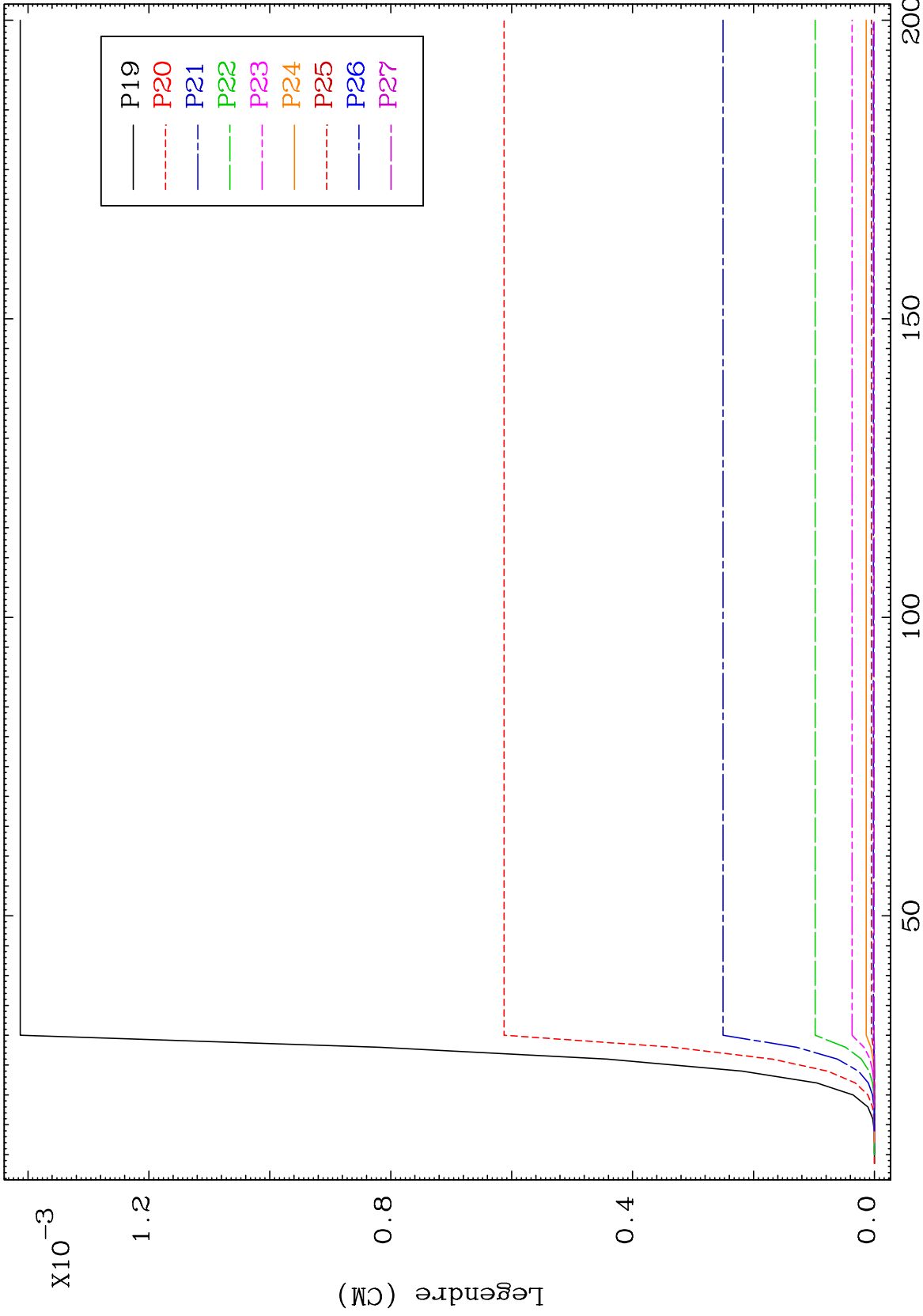




MAT 2961

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

29-Cu-75

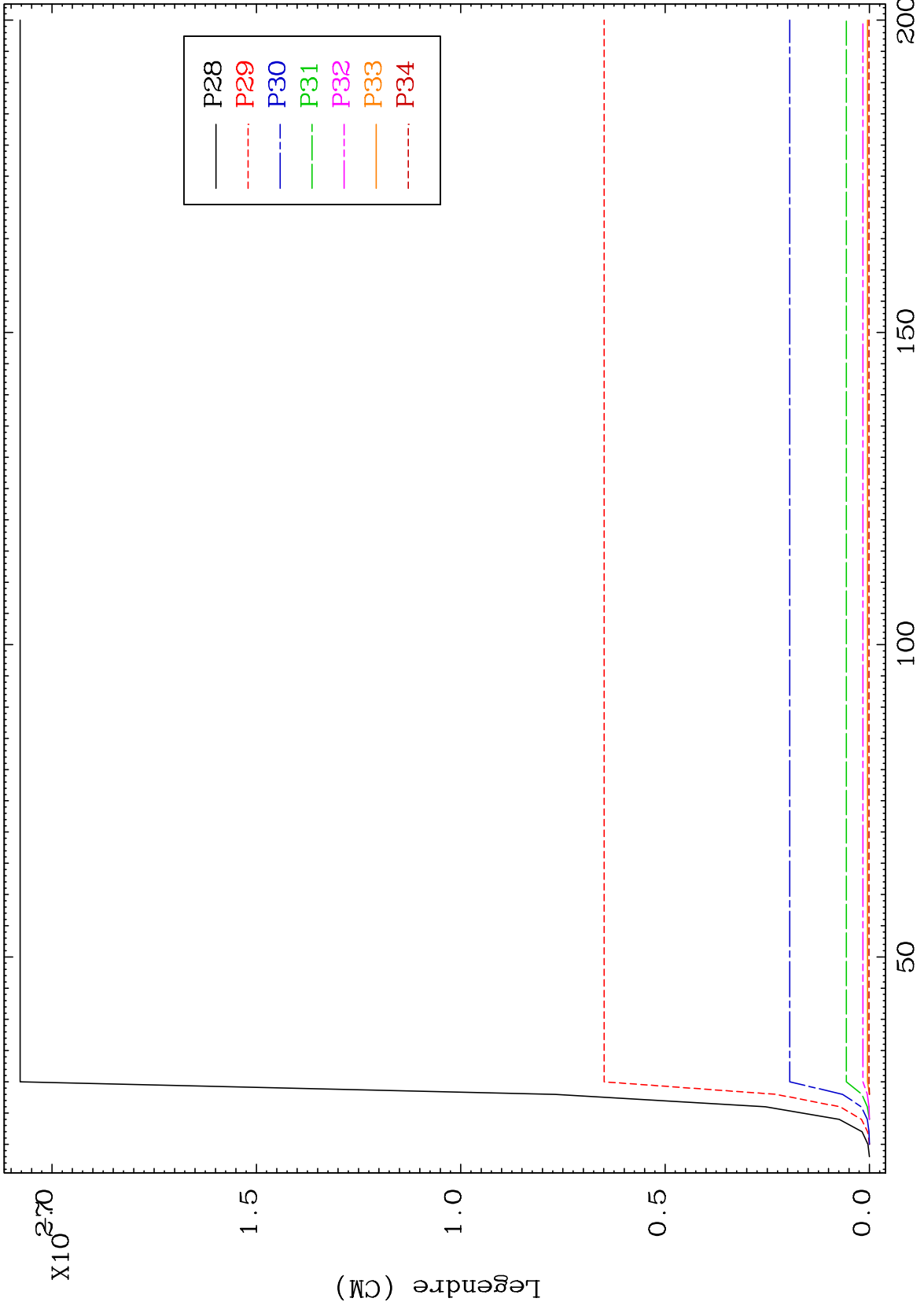


36

Incident Energy (MeV)

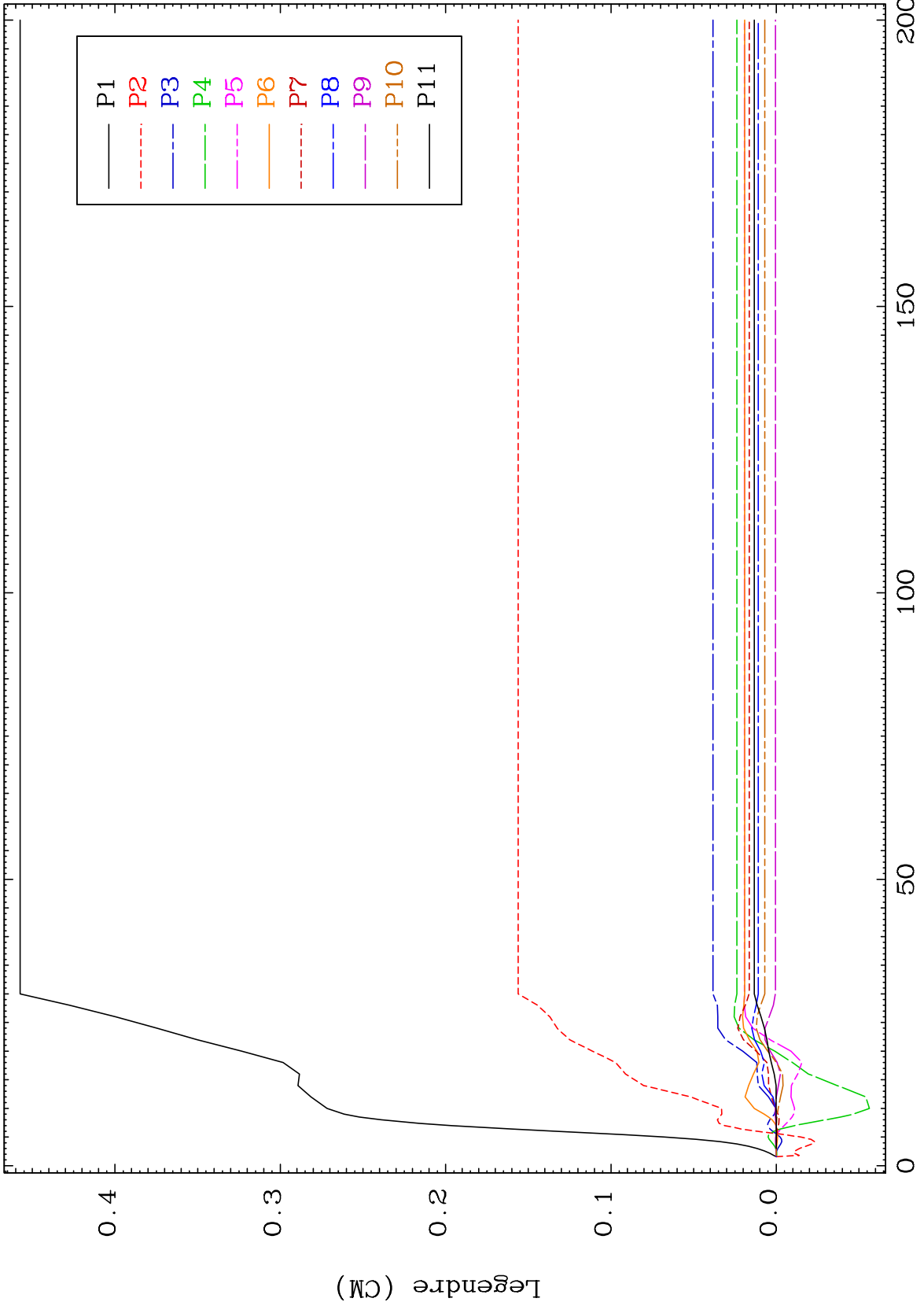
29-Cu-75

MAT 2961 MT= 55 (n,n') Level Legendre Coefficients 29-Cu-75



37 50 100 150 200 29-Cu-75

MAT 2961 MT= 56 (n,n') Level Legendre Coefficients 29-Cu-75

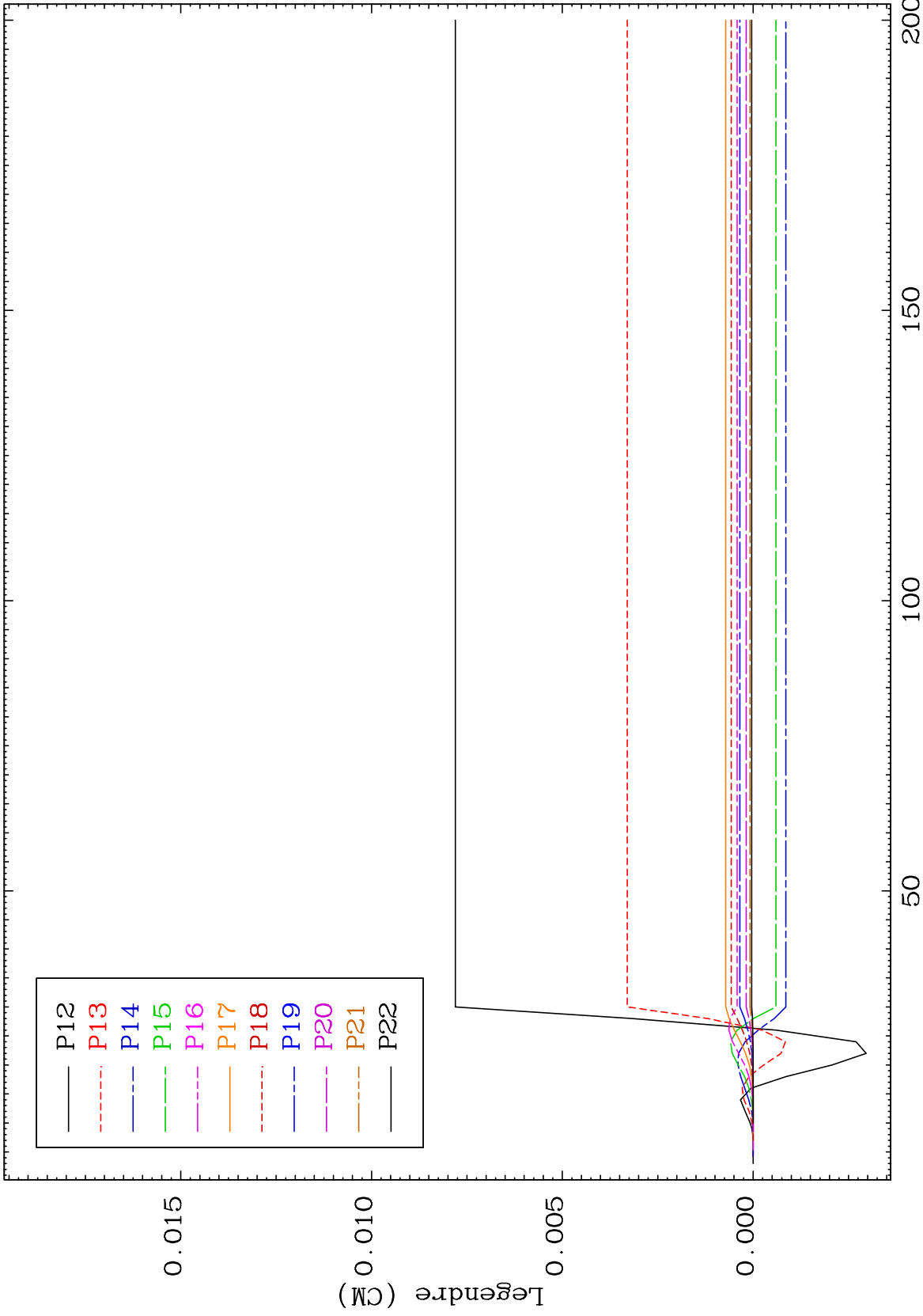


38 Incident Energy (MeV) 29-Cu-75

MAT 2961

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

29-Cu-75

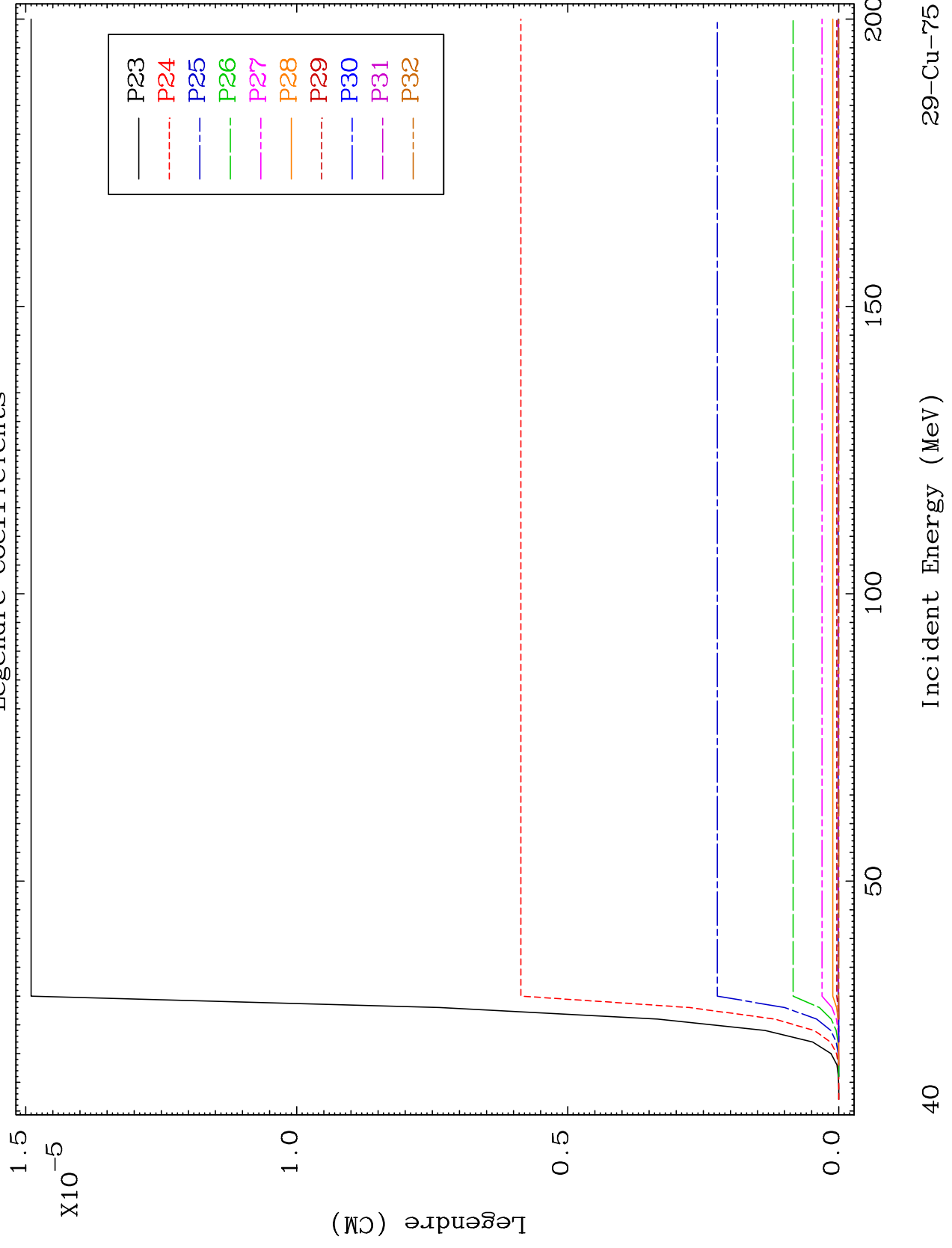


39

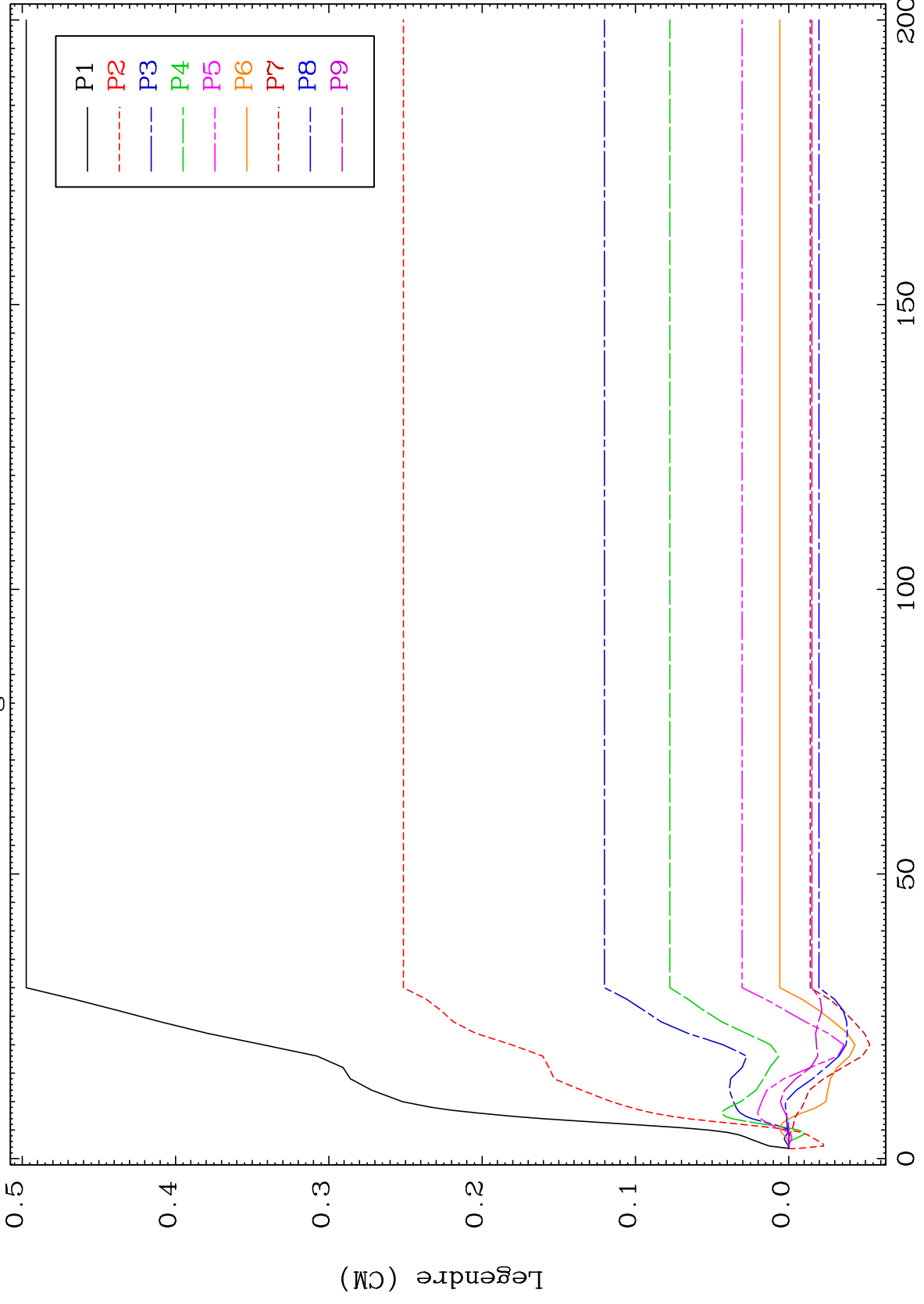
Incident Energy (MeV)

29-Cu-75

MAT 2961 MT= 56 (n,n') Level Legendre Coefficients 29-Cu-75



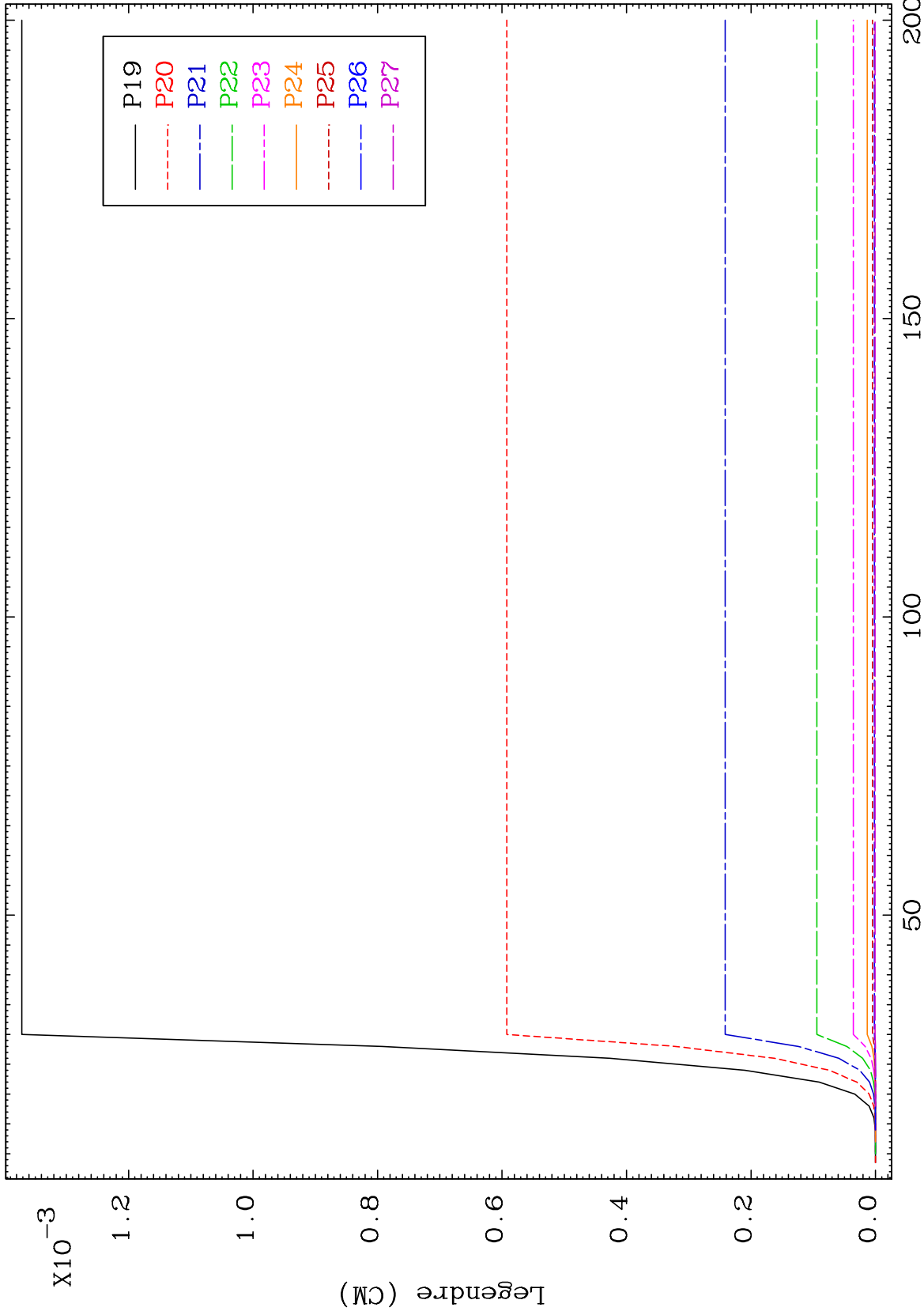
MAT 2961 MT= 57 (n,n') Level Legendre Coefficients 29-Cu-75



MAT 2961

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

29-Cu-75

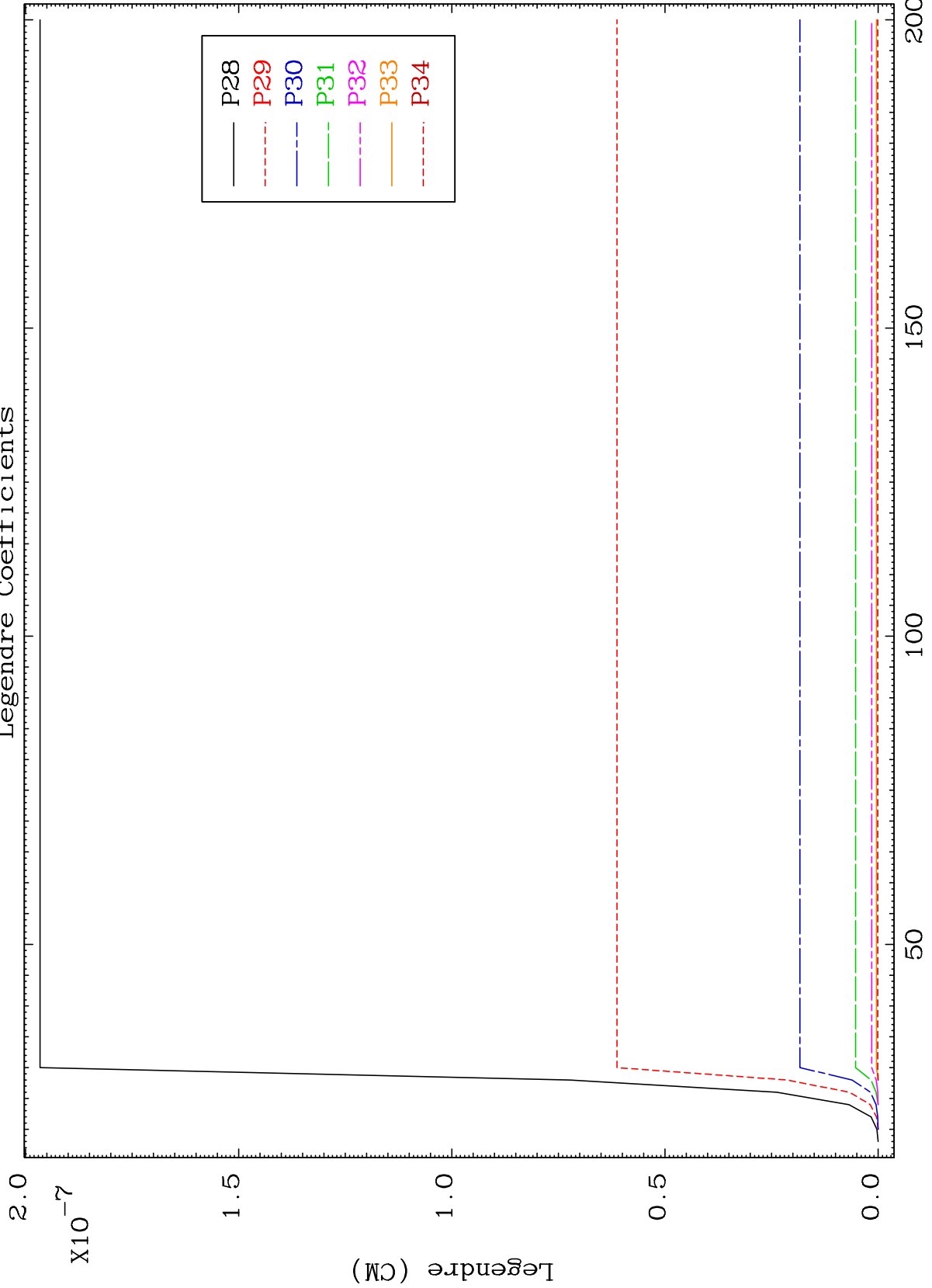


43

Incident Energy (MeV)

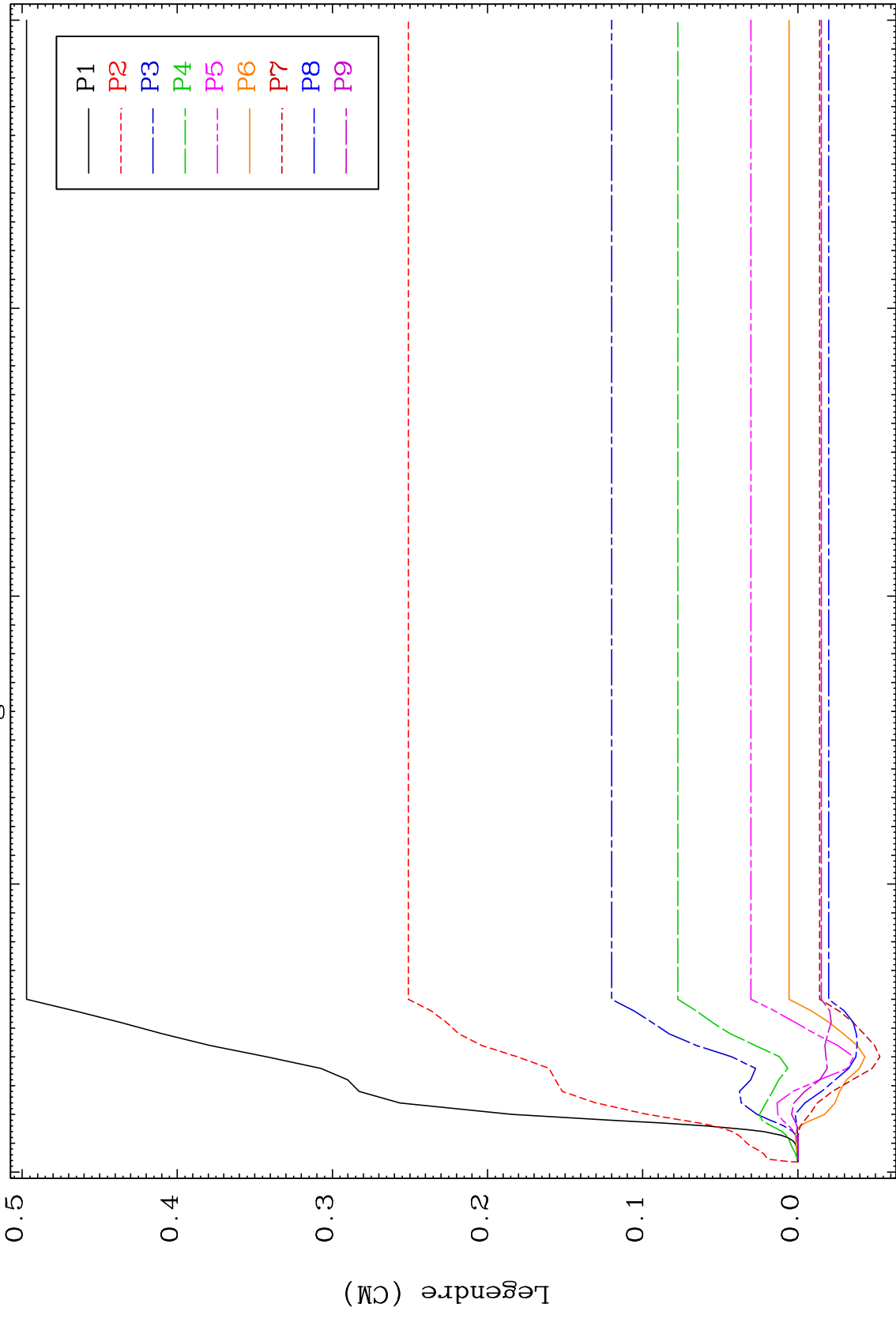
29-Cu-75

MAT 2961 MT= 57 (n,n') Level Legendre Coefficients 29-Cu-75



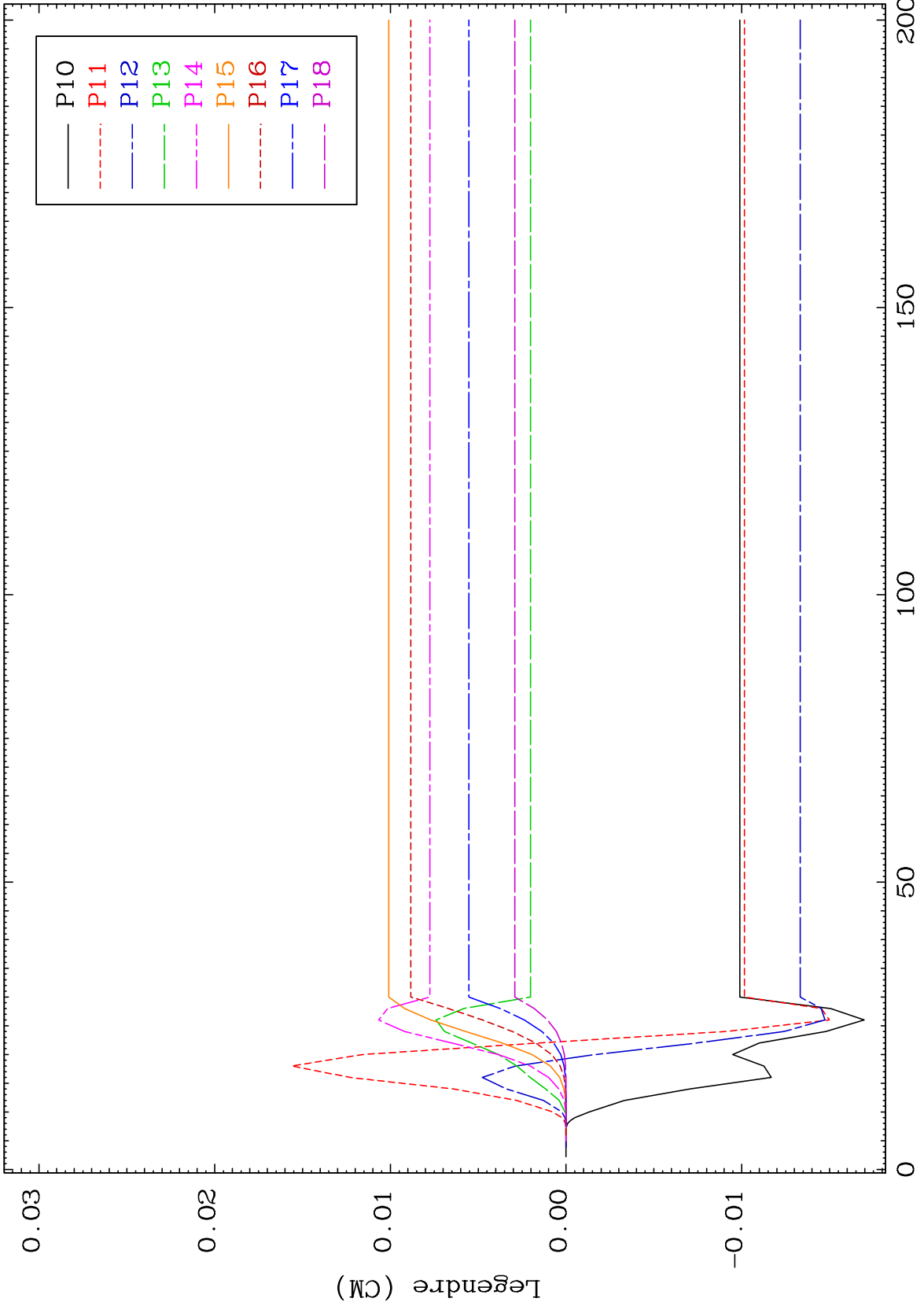
44 Incident Energy (MeV) 29-Cu-75

MAT 2961 MT= 58 (n,n') Level Legendre Coefficients 29-Cu-75



45 Incident Energy (MeV) 29-Cu-75

MAT 2961 MT= 58 (n,n') Level Legendre Coefficients 29-Cu-75

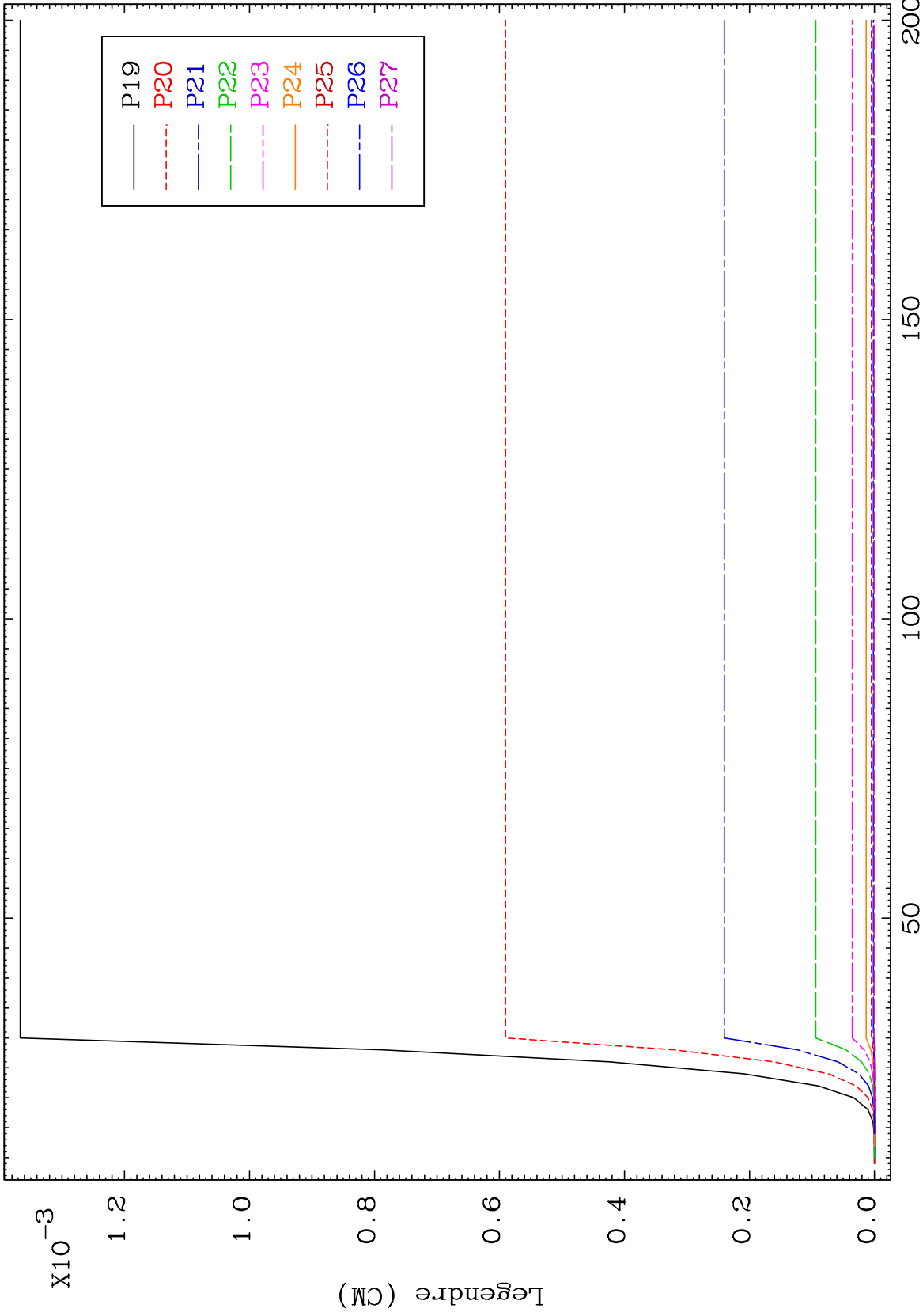


46 29-Cu-75

MAT 2961

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

29-Cu-75

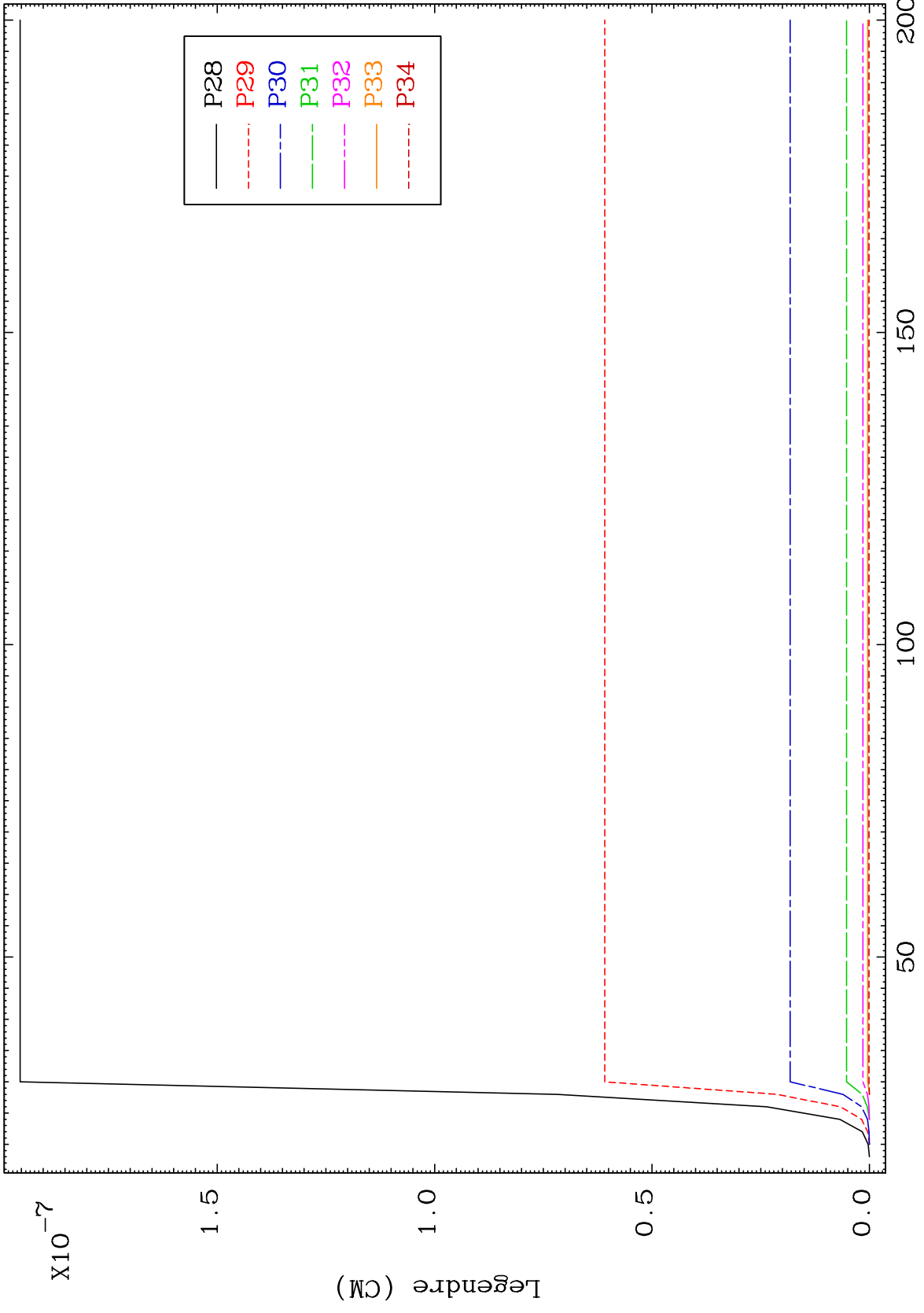


47

Incident Energy (MeV)

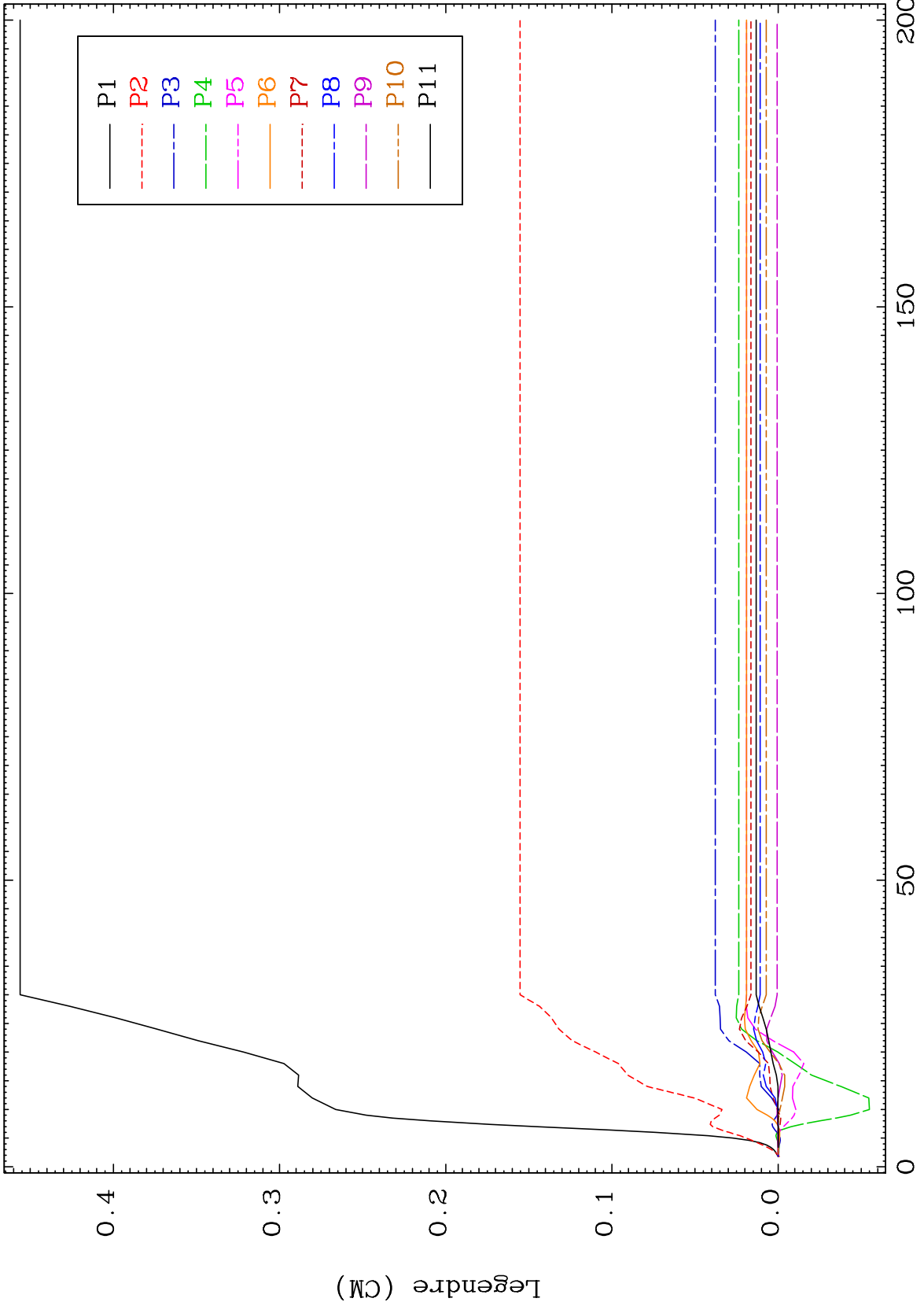
29-Cu-75

MAT 2961 MT= 58 (n,n') Level Legendre Coefficients 29-Cu-75



48 50 100 150 200 29-Cu-75

MAT 2961 MT= 59 (n,n') Level Legendre Coefficients 29-Cu-75

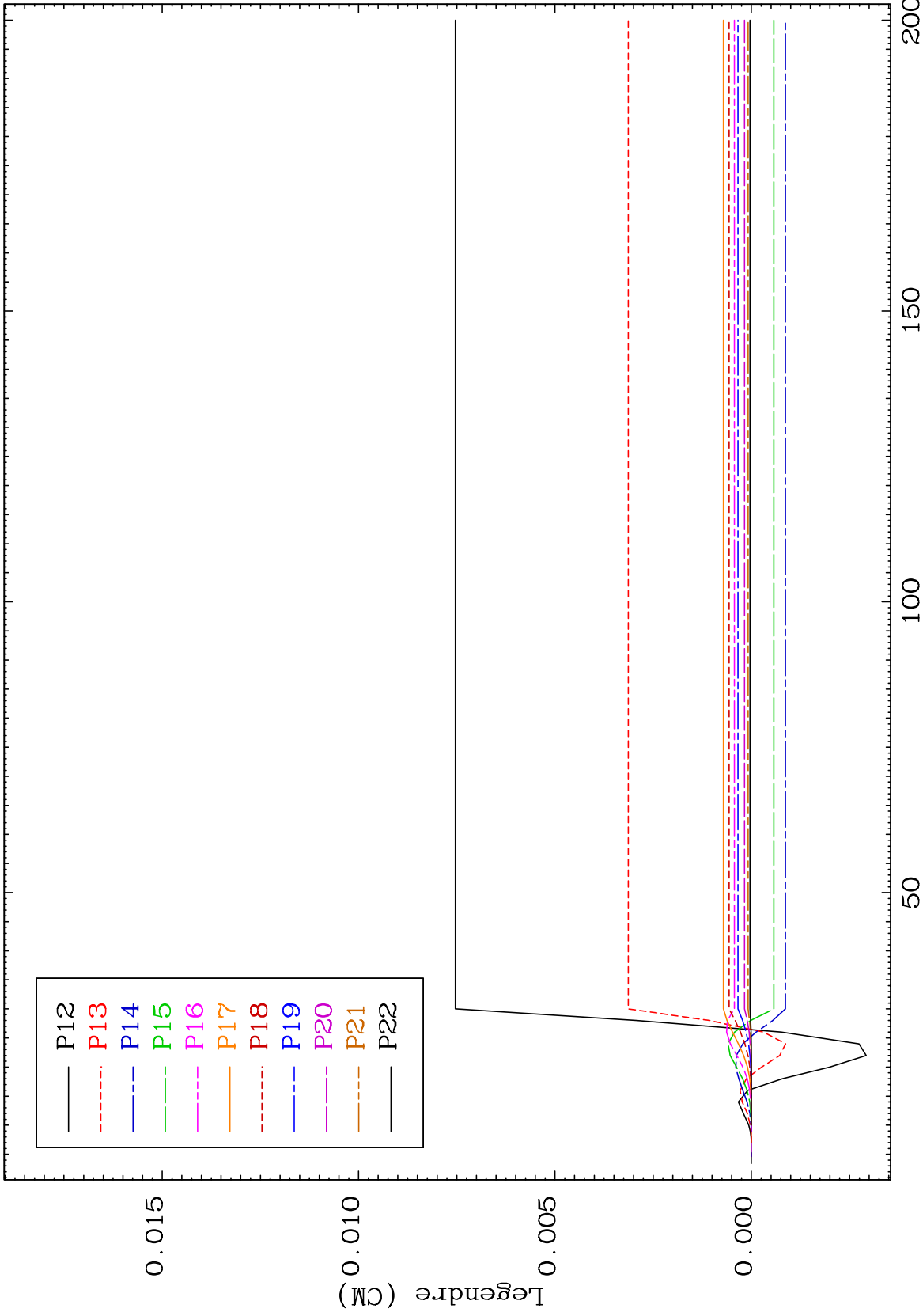


49 29-Cu-75

MAT 2961

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

29-Cu-75



50

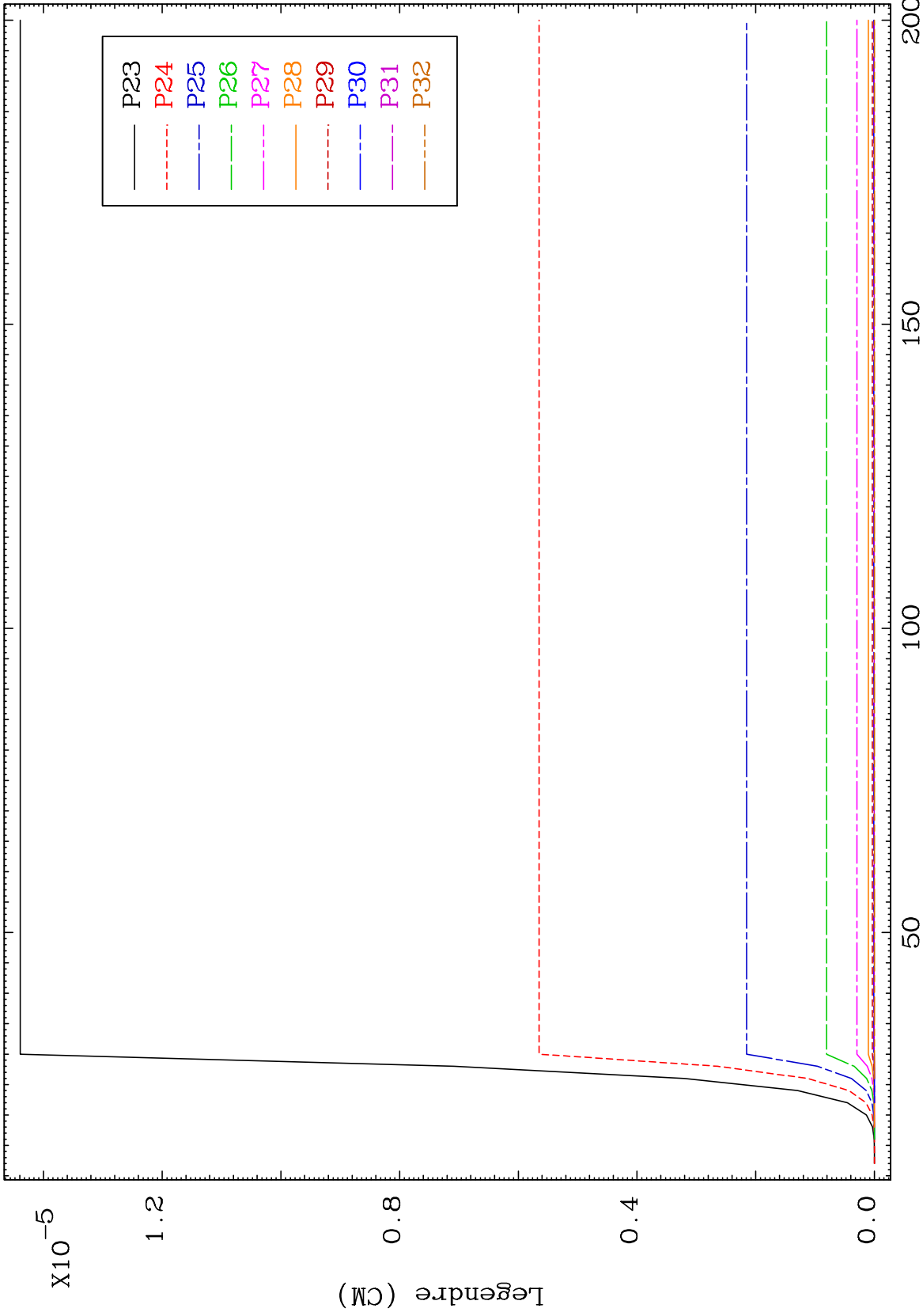
Incident Energy (MeV)

29-Cu-75

MAT 2961

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

29-Cu-75

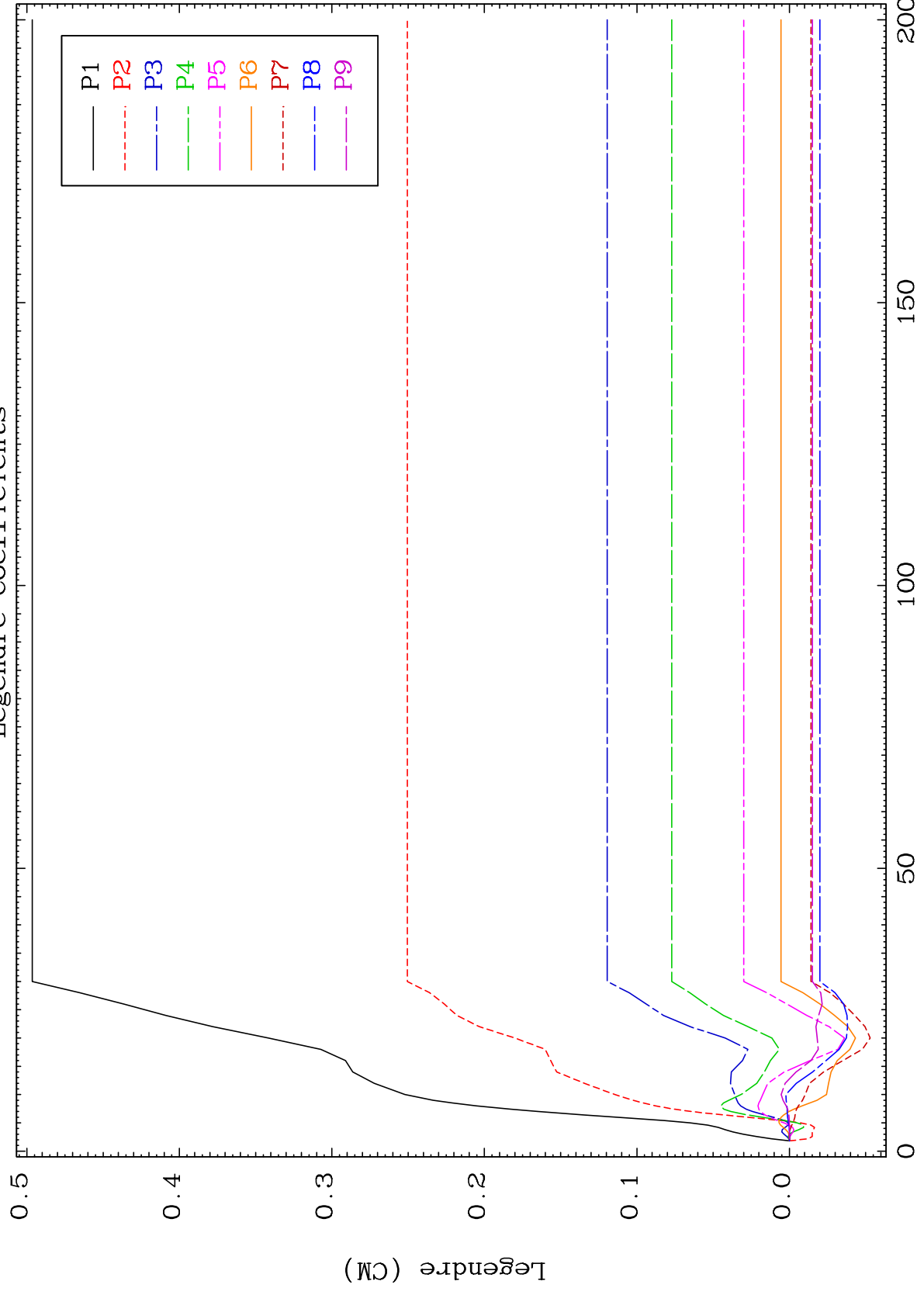


51

Incident Energy (MeV)

29-Cu-75

MAT 2961 MT= 60 (n,n') Level Legendre Coefficients 29-Cu-75

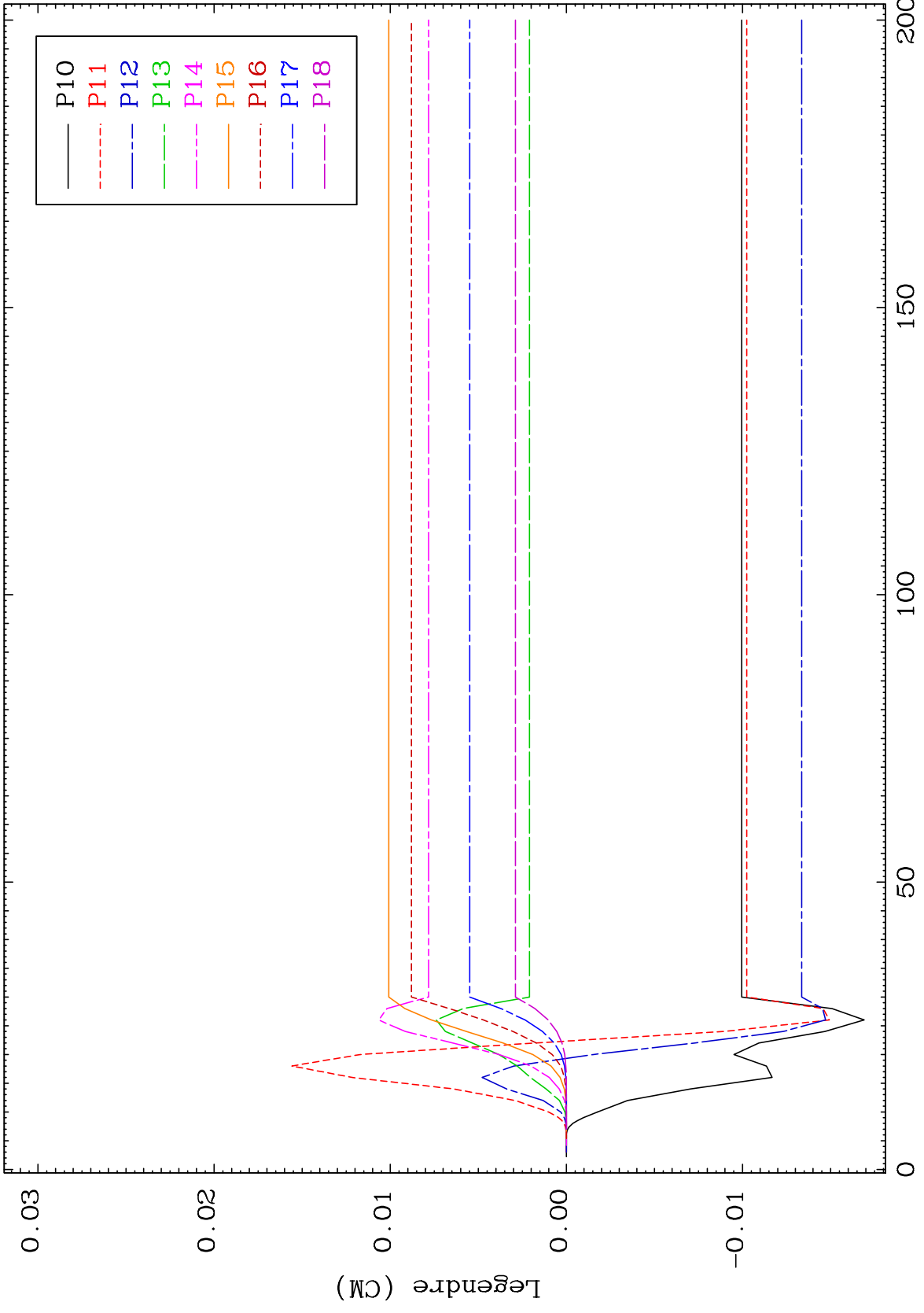


52

Incident Energy (MeV)

29-Cu-75

MAT 2961 MT= 60 (n,n') Level Legendre Coefficients 29-Cu-75

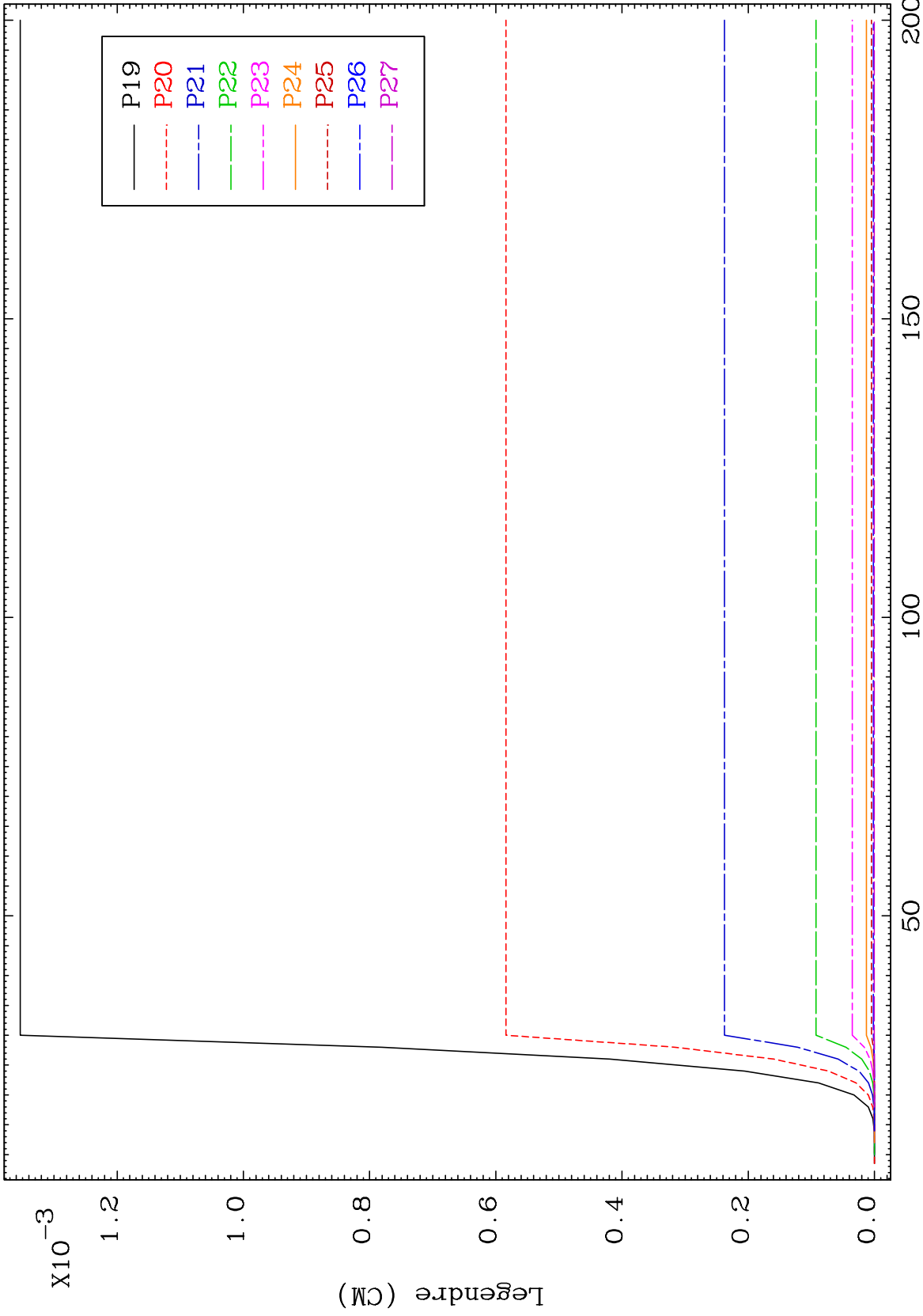


53 29-Cu-75

MAT 2961

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

29-Cu-75

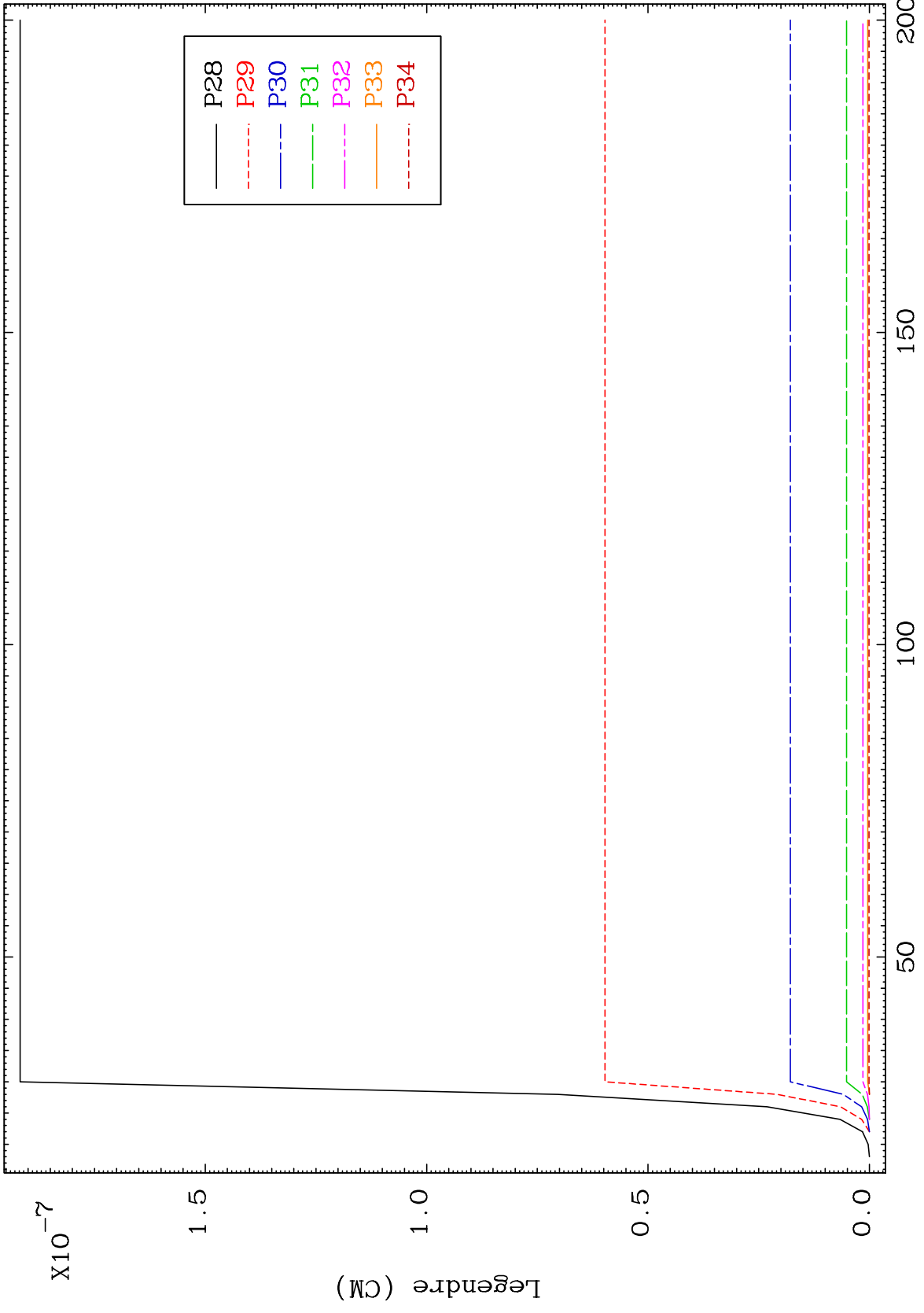


54

Incident Energy (MeV)

29-Cu-75

MAT 2961 MT= 60 (n,n') Level Legendre Coefficients 29-Cu-75



55 Incident Energy (MeV) 200

MAT 2961 MT= 61 (n,n') Level Legendre Coefficients 29-Cu-75

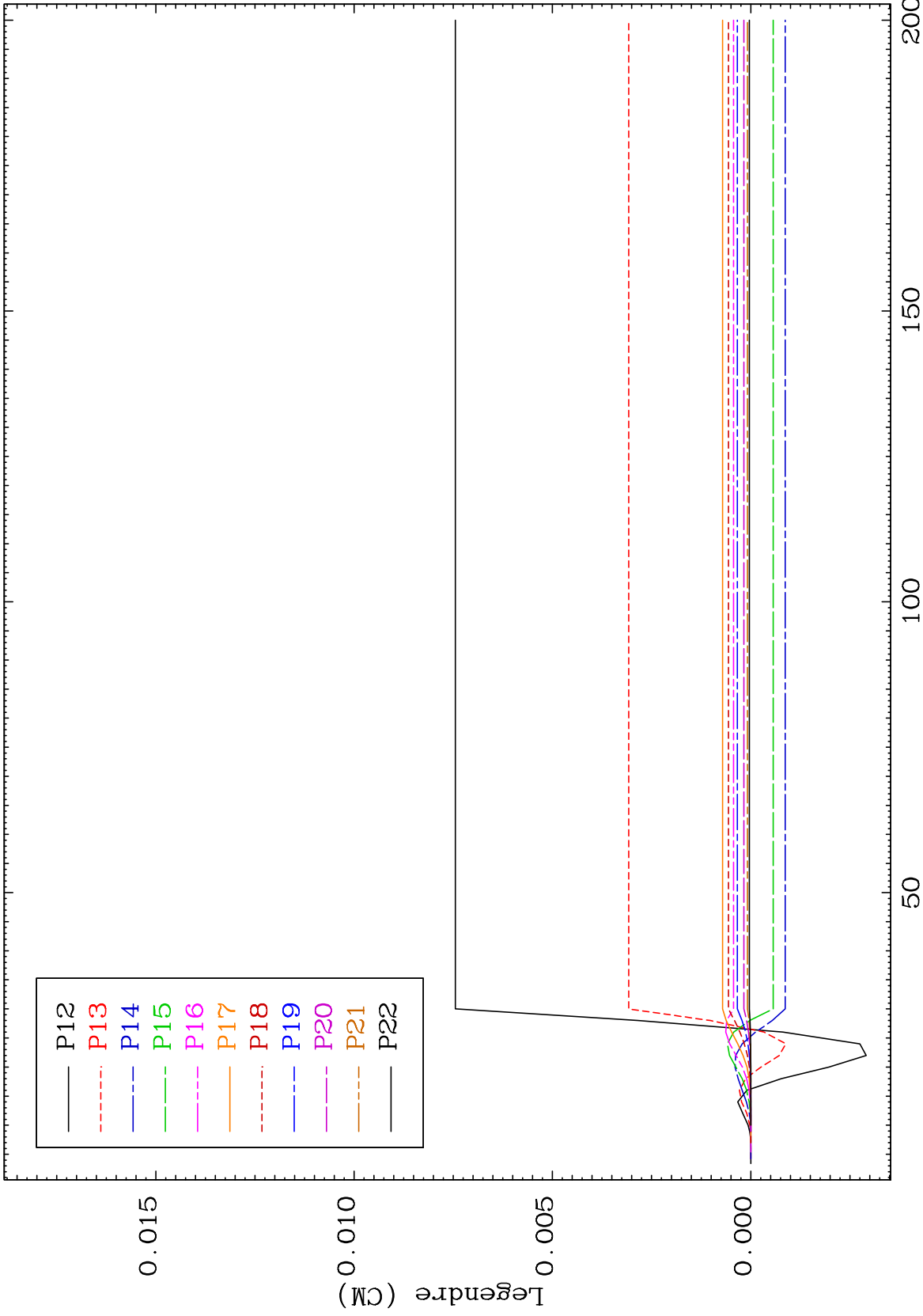


56 Incident Energy (MeV) 29-Cu-75

MAT 2961

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

29-Cu-75

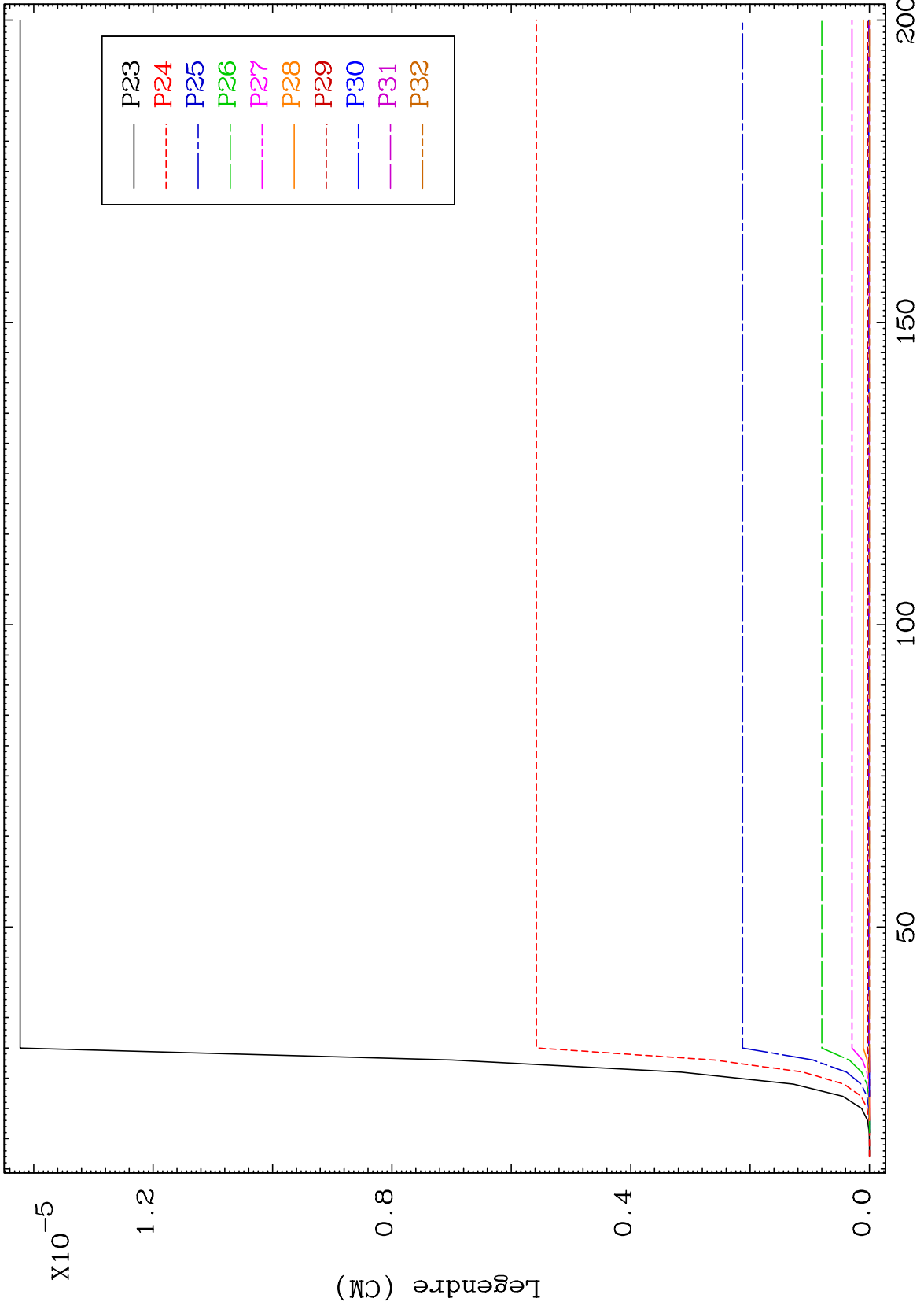


57

Incident Energy (MeV)

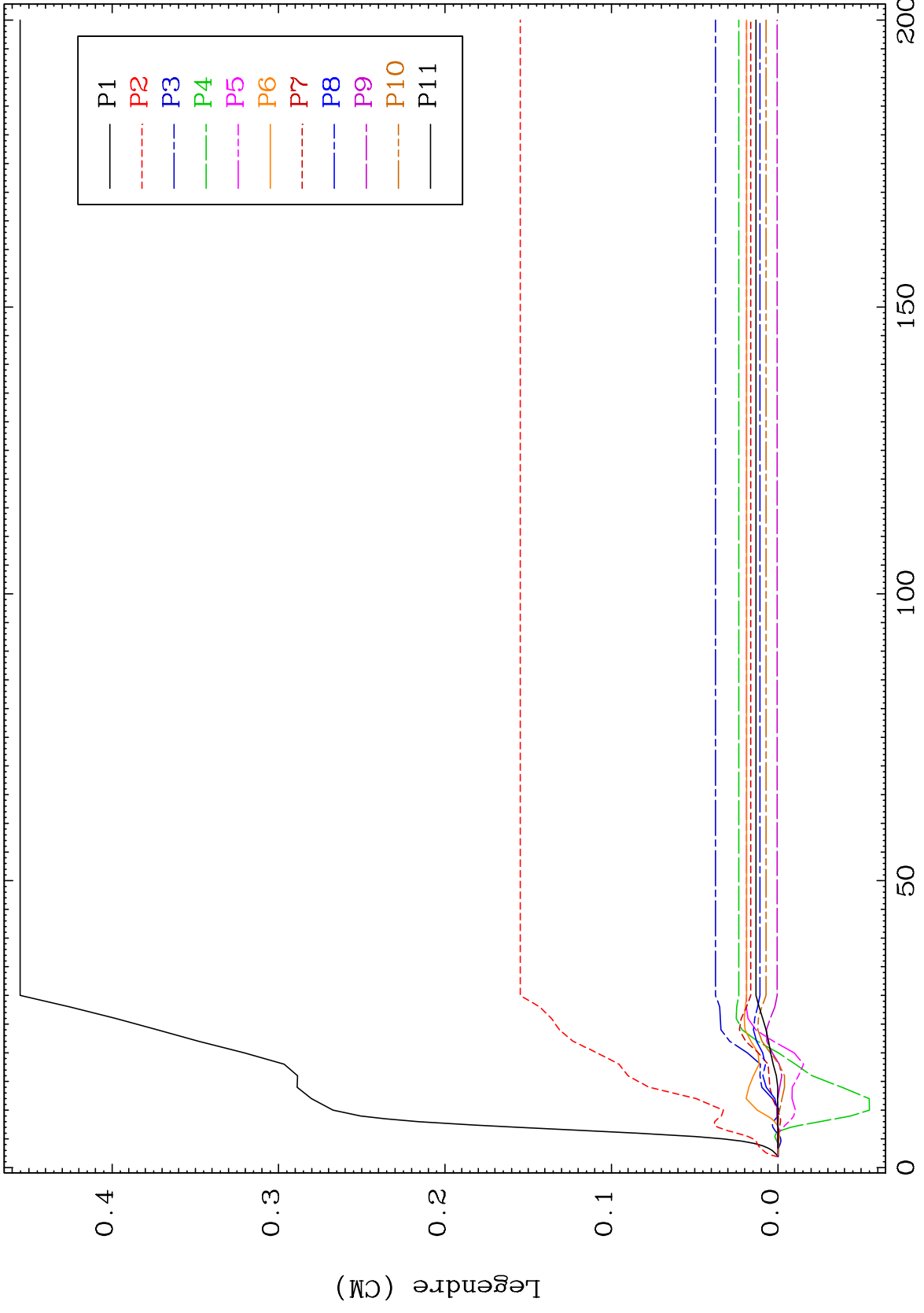
29-Cu-75

MAT 2961 MT= 61 (n,n') Level Legendre Coefficients 29-Cu-75



58 100 150 200 29-Cu-75

MAT 2961 MT= 62 (n,n') Level Legendre Coefficients 29-Cu-75

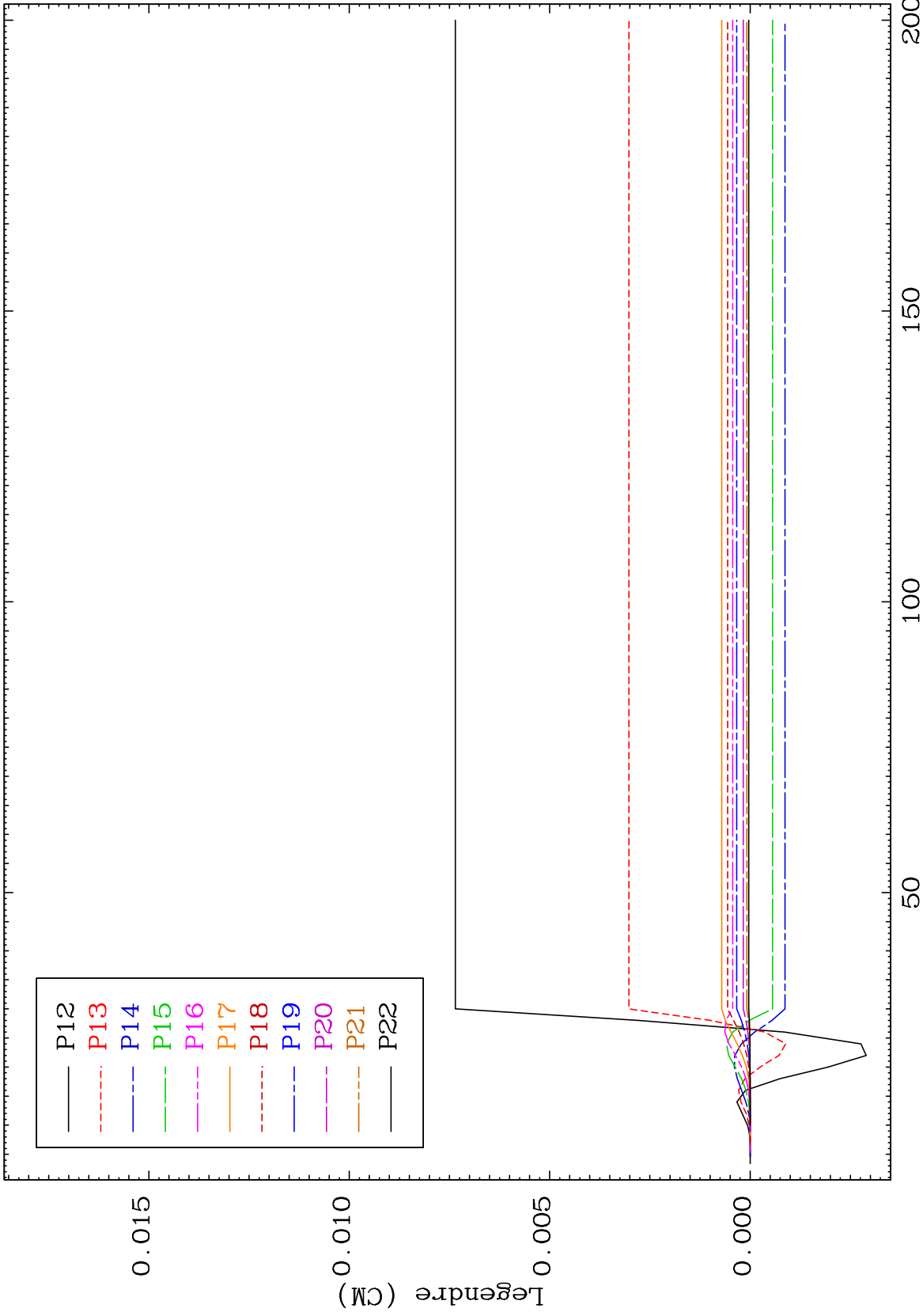


59 Incident Energy (MeV) 29-Cu-75

MAT 2961

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

29-Cu-75

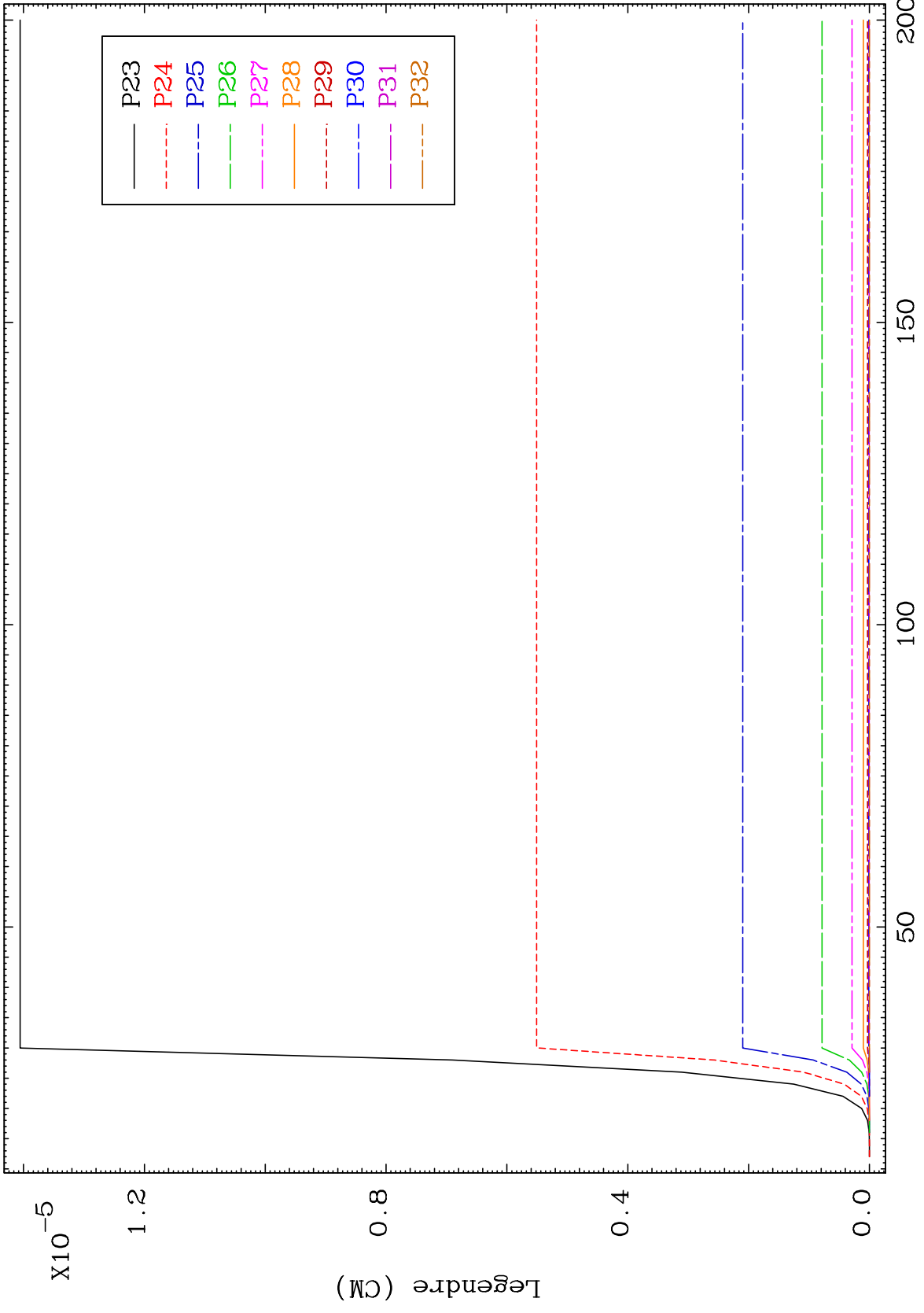


60

Incident Energy (MeV)

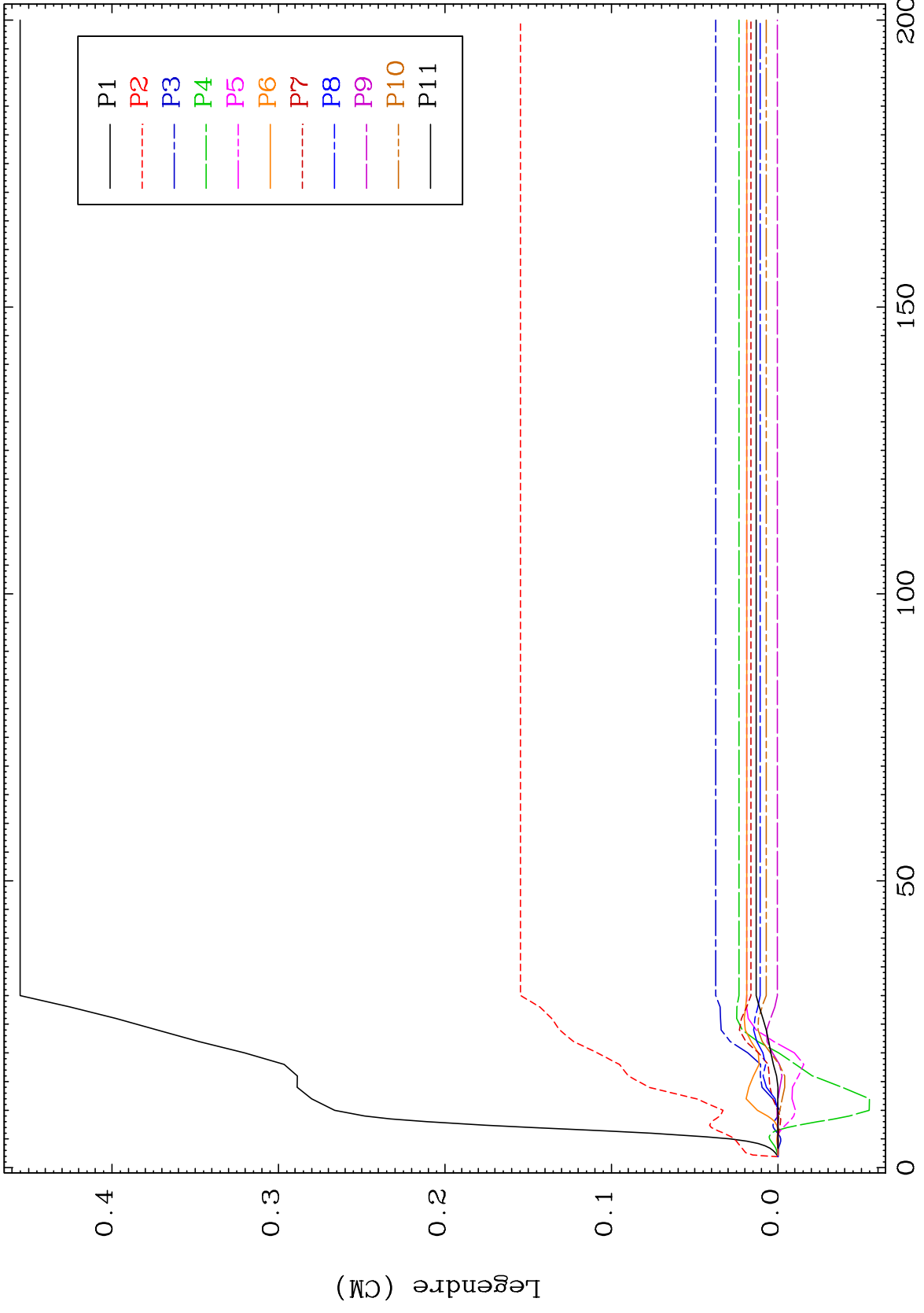
29-Cu-75

MAT 2961 MT= 62 (n,n') Level Legendre Coefficients 29-Cu-75



61 29-Cu-75

MAT 2961 MT= 63 (n,n') Level Legendre Coefficients 29-Cu-75

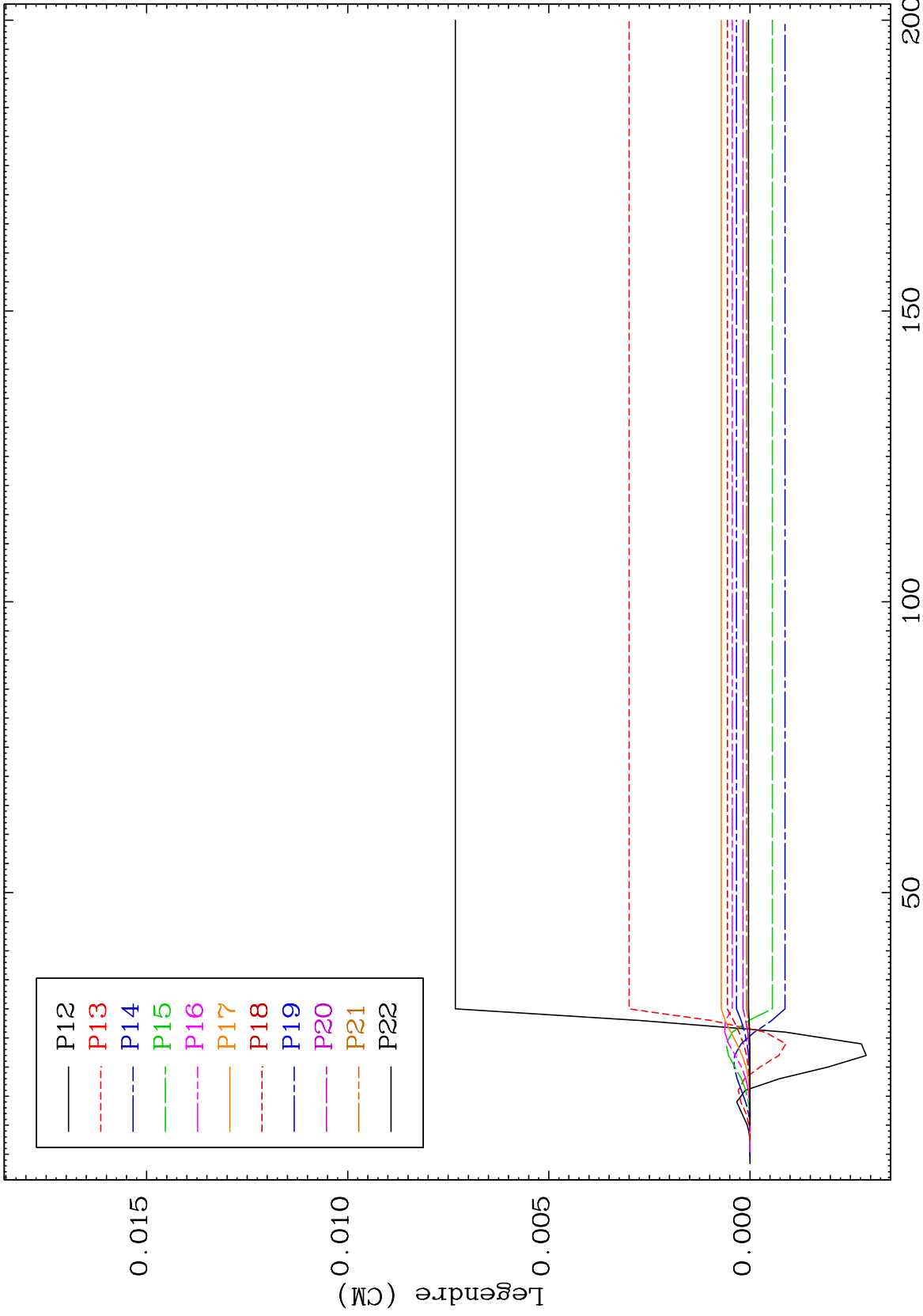


62 Incident Energy (MeV) 29-Cu-75

MAT 2961

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

29-Cu-75



63

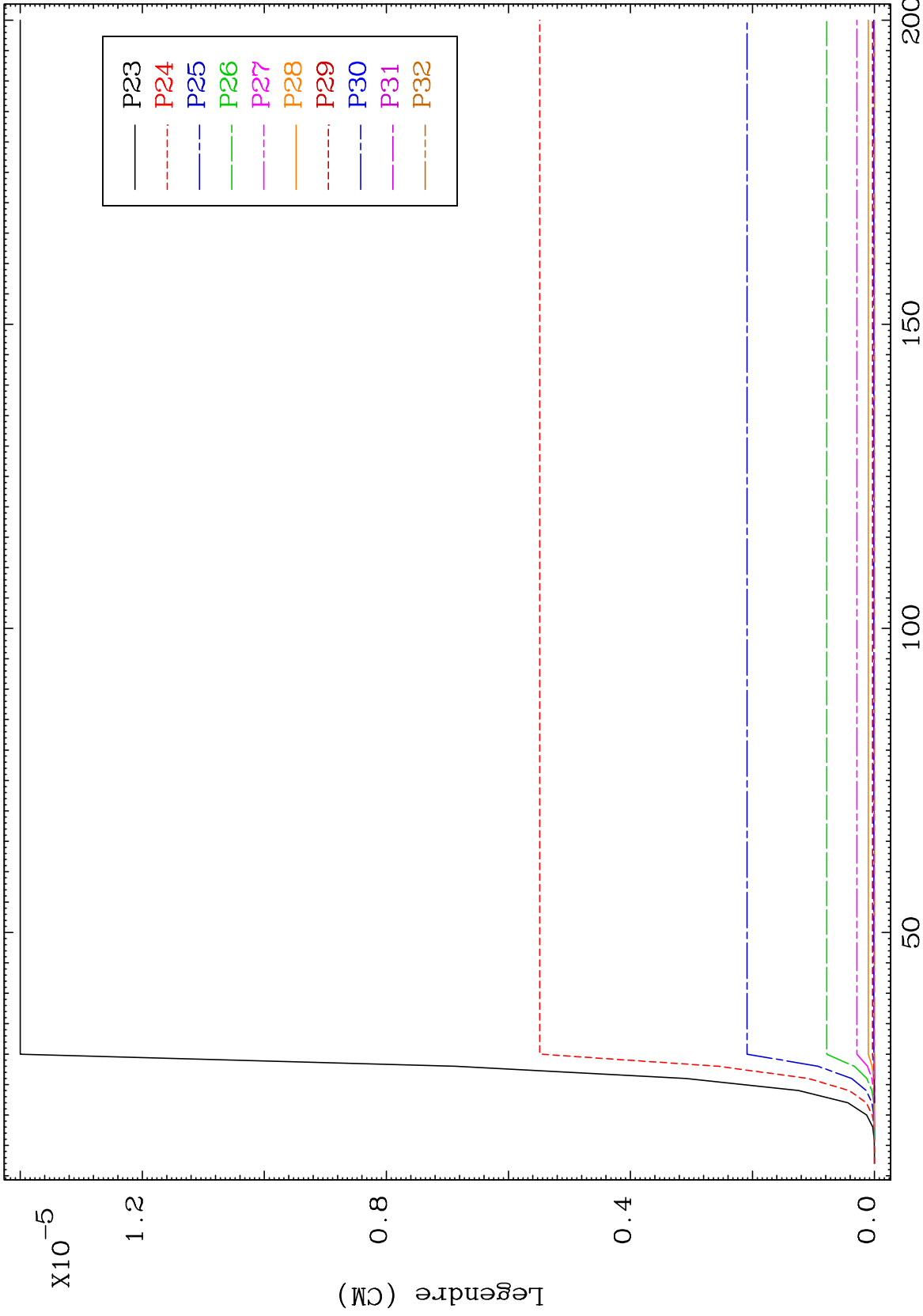
Incident Energy (MeV)

29-Cu-75

MAT 2961

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

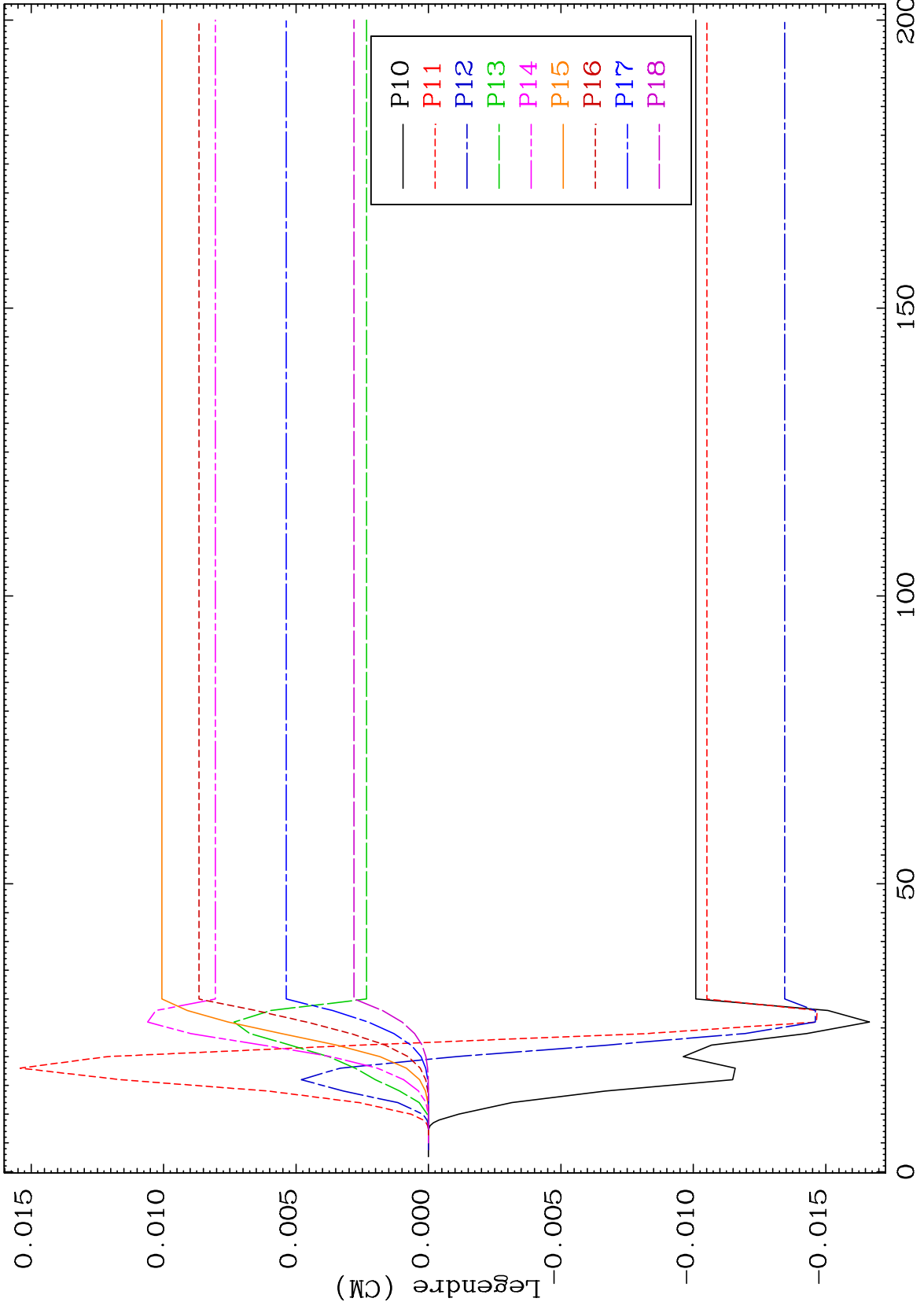
29-Cu-75



64

Incident Energy (MeV)

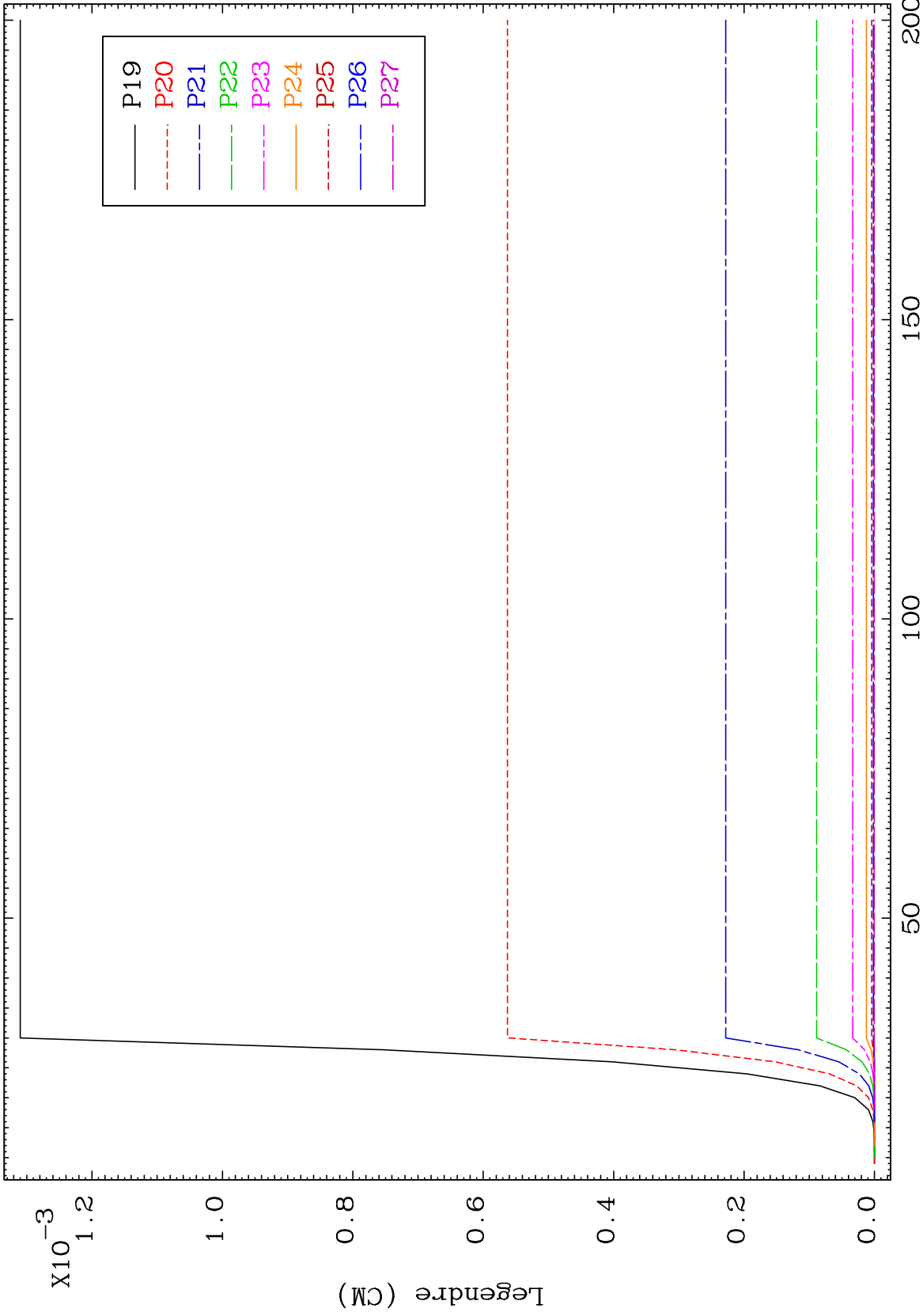
29-Cu-75



MAT 2961

MT= 64 (n,n') Level
Legendre Coefficients

29-Cu-75



67

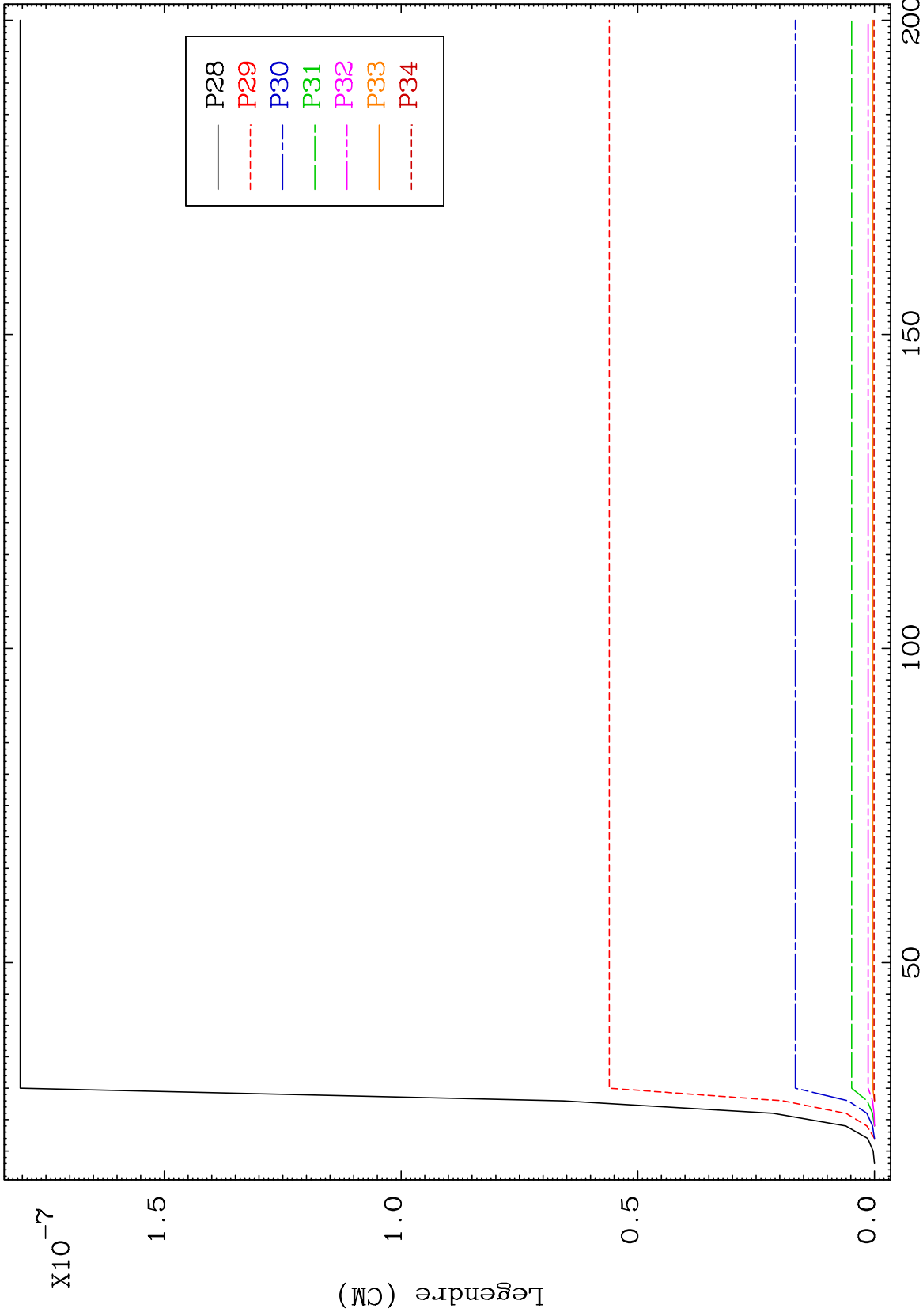
Incident Energy (MeV)

29-Cu-75

MAT 2961

MT= 64 (n,n') Level
Legendre Coefficients

29-Cu-75

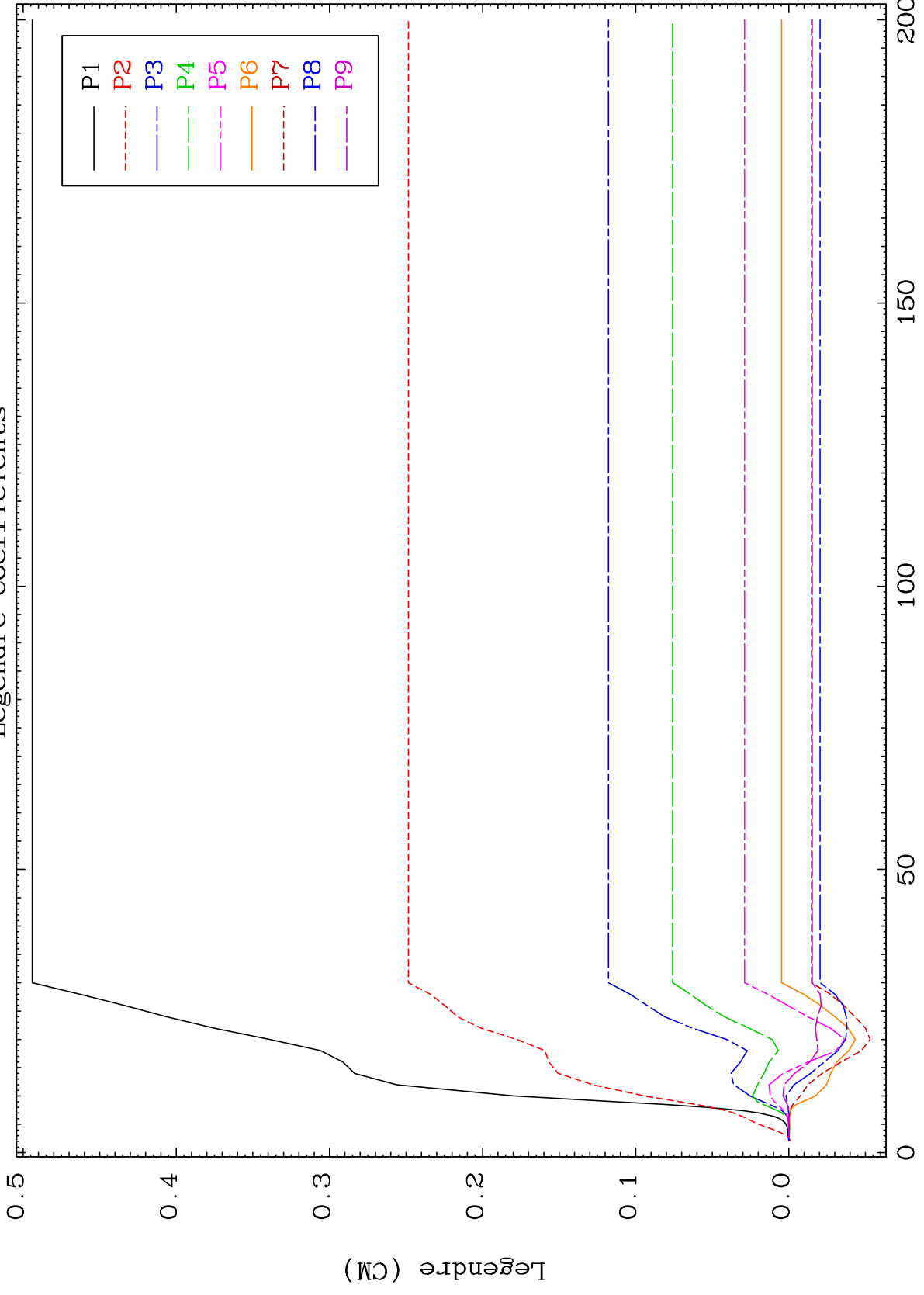


68

Incident Energy (MeV)

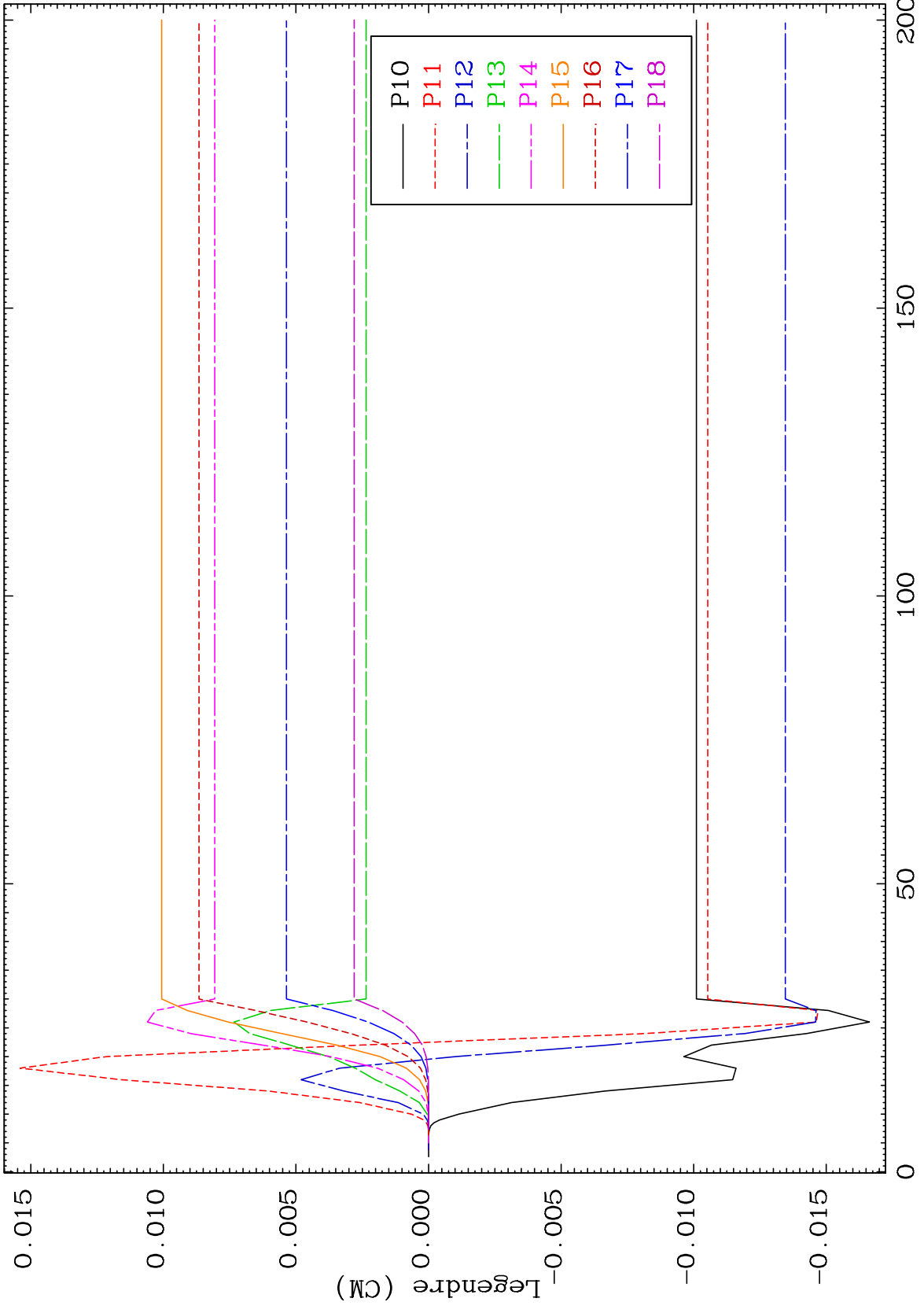
29-Cu-75

MAT 2961 MT= 65 (n,n') Level Legendre Coefficients 29-Cu-75



69 29-Cu-75

MAT 2961 MT= 65 (n,n') Level Legendre Coefficients 29-Cu-75

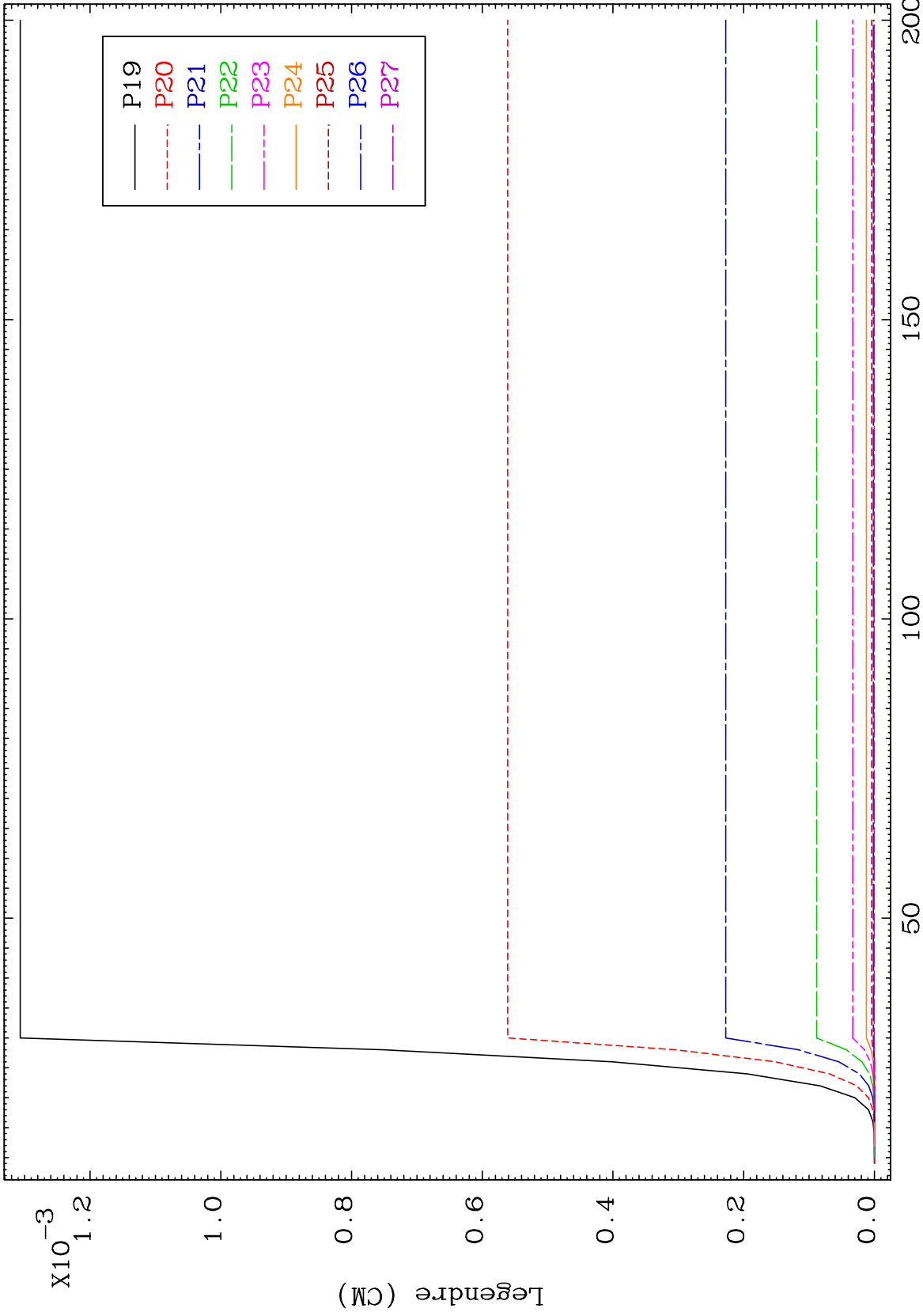


70 Incident Energy (MeV) 29-Cu-75

MAT 2961

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

29-Cu-75



71

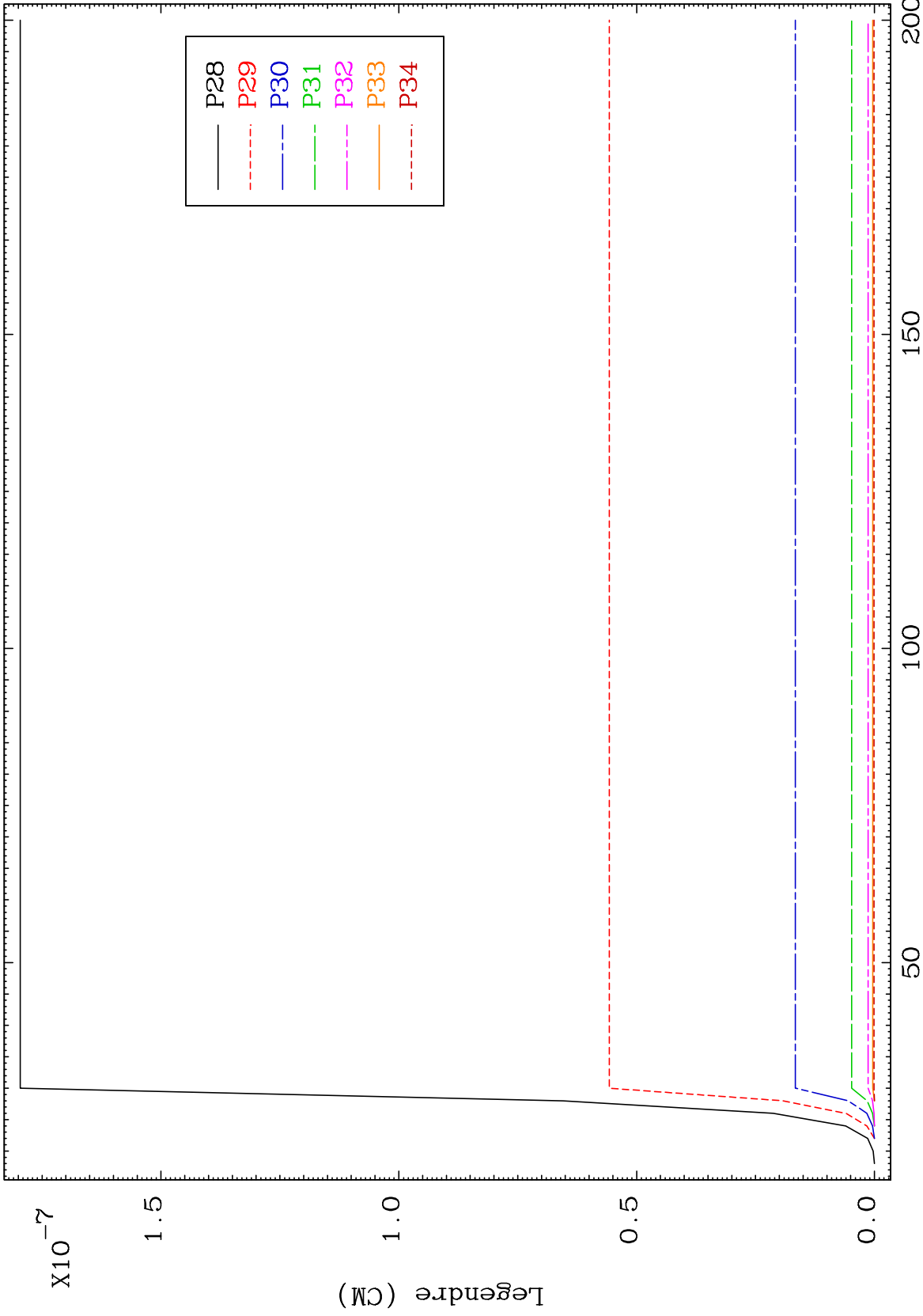
Incident Energy (MeV)

29-Cu-75

MAT 2961

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

29-Cu-75



72

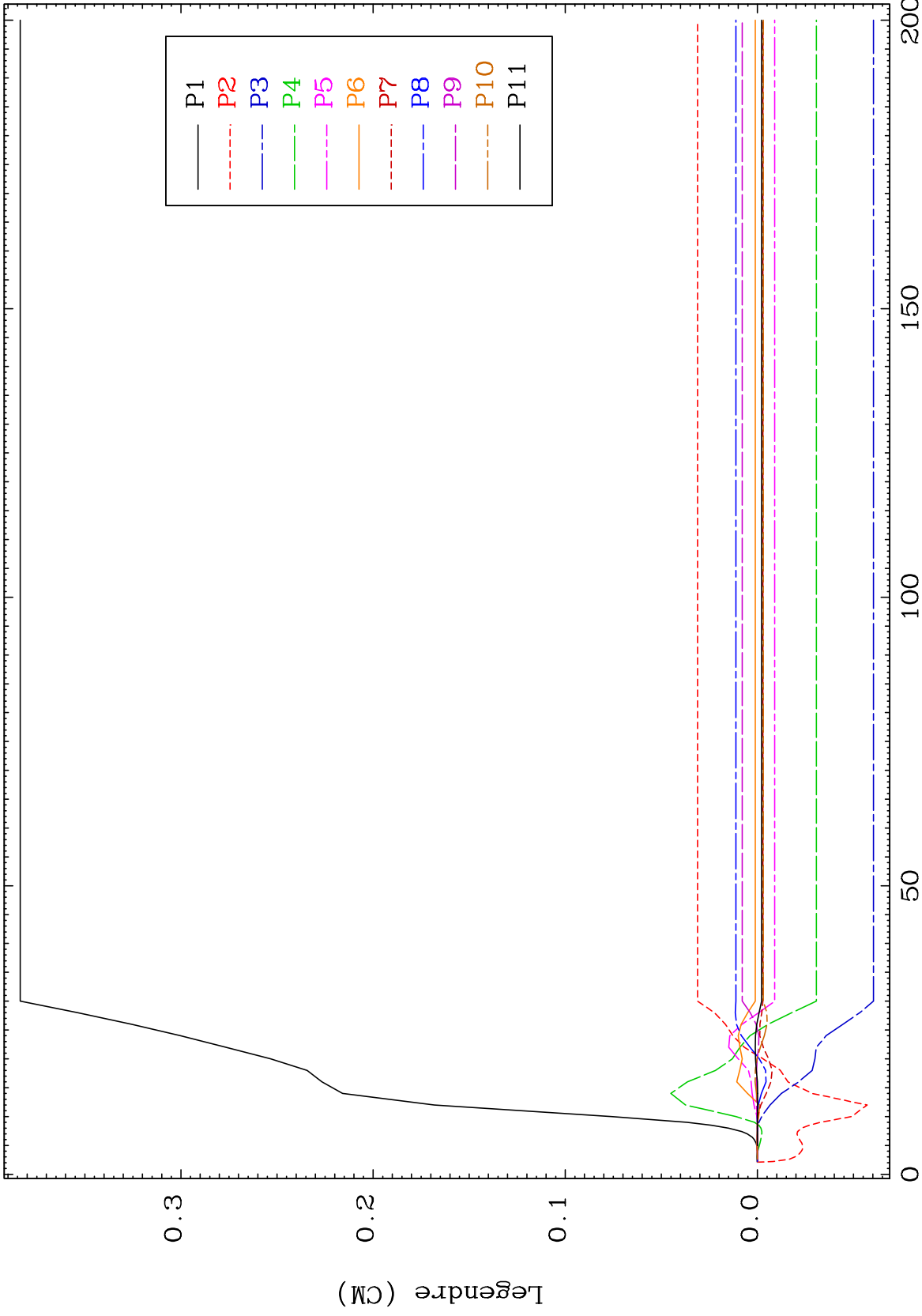
Incident Energy (MeV)

29-Cu-75

MAT 2961

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

29-Cu-75

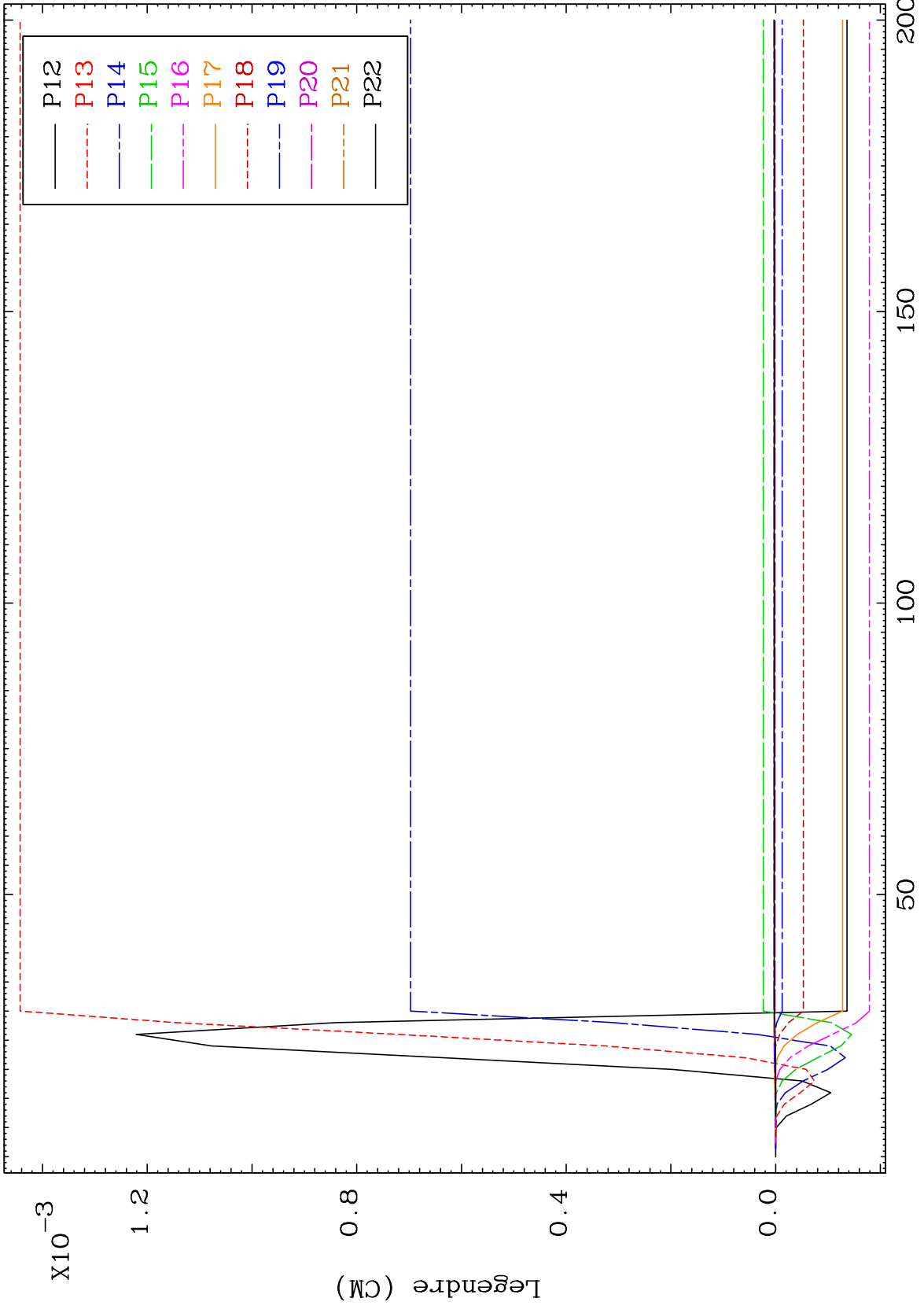


73

Incident Energy (MeV)

29-Cu-75

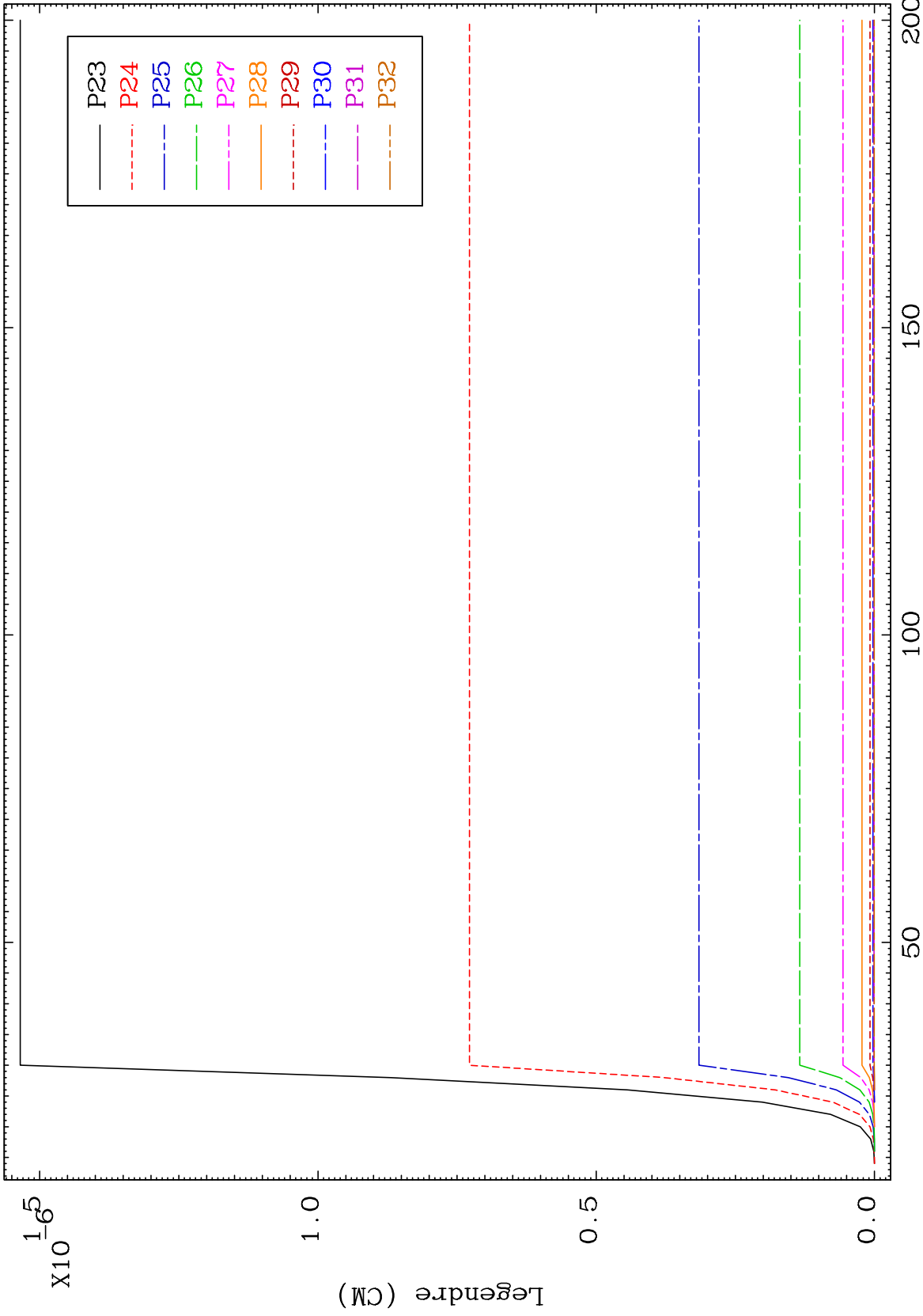
MAT 2961 MT= 66 (n,n') Level Legendre Coefficients 29-Cu-75



MAT 2961

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

29-Cu-75

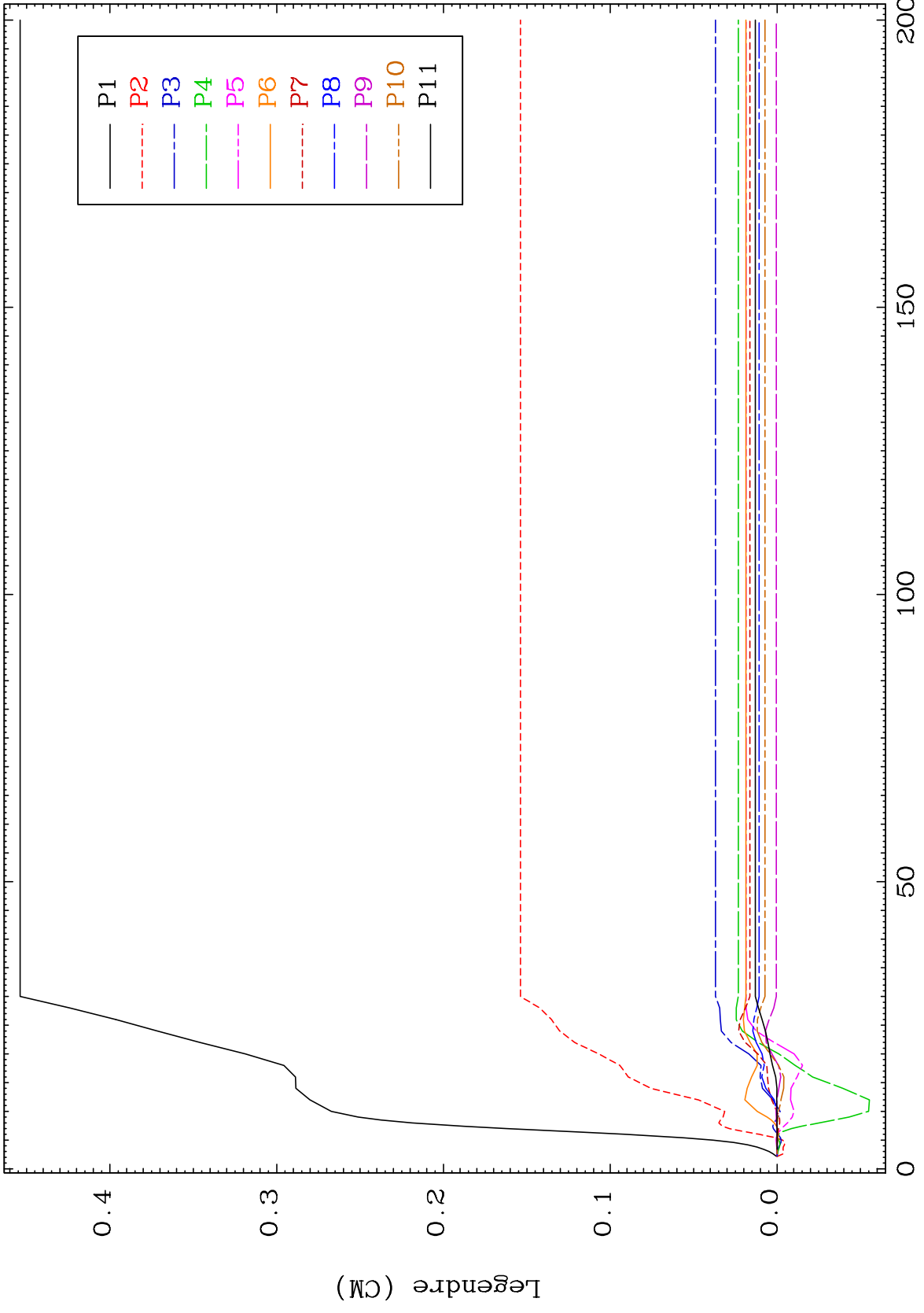


75

Incident Energy (MeV)

29-Cu-75

MAT 2961 MT= 67 (n,n') Level Legendre Coefficients 29-Cu-75

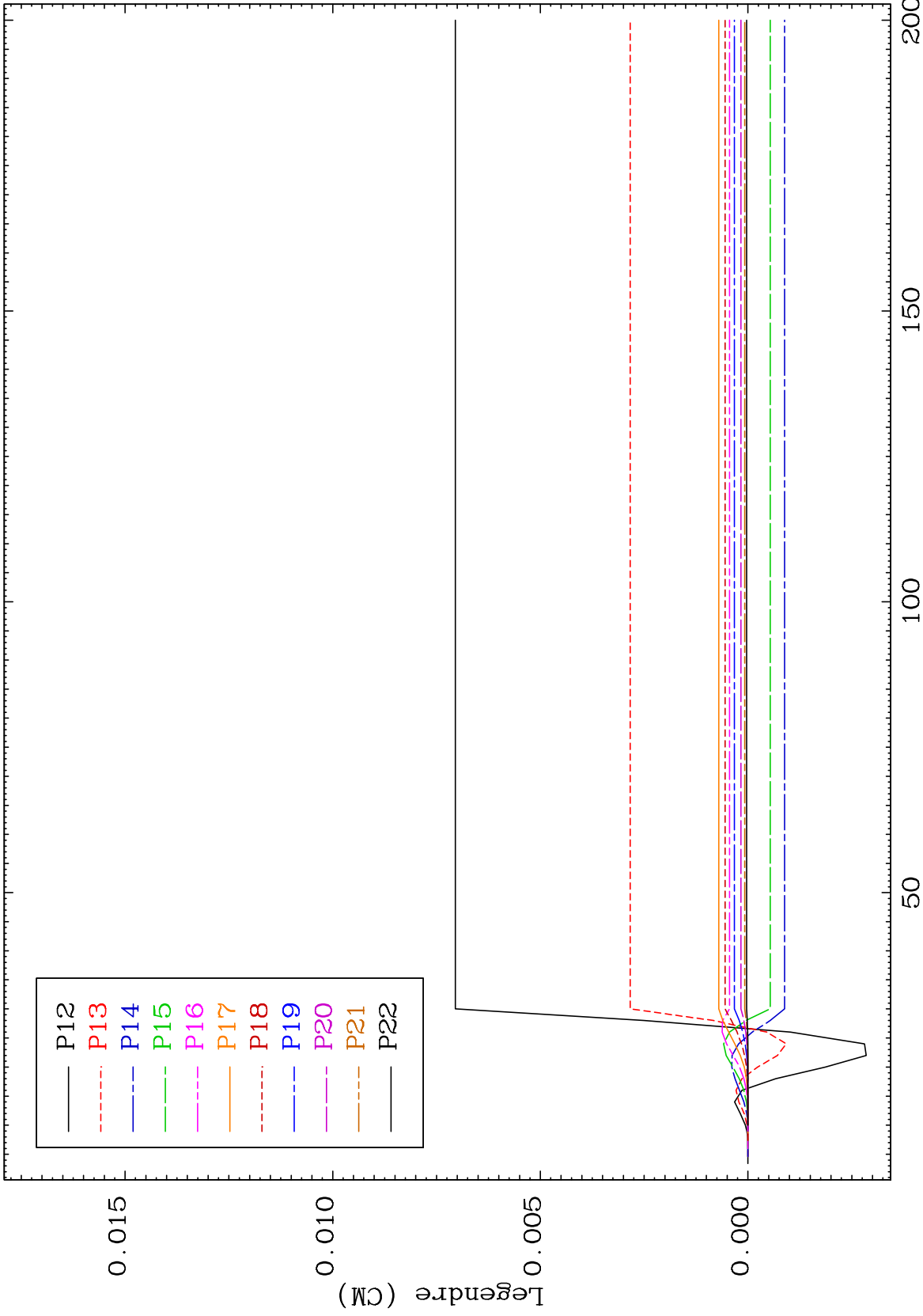


76 29-Cu-75

MAT 2961

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

29-Cu-75



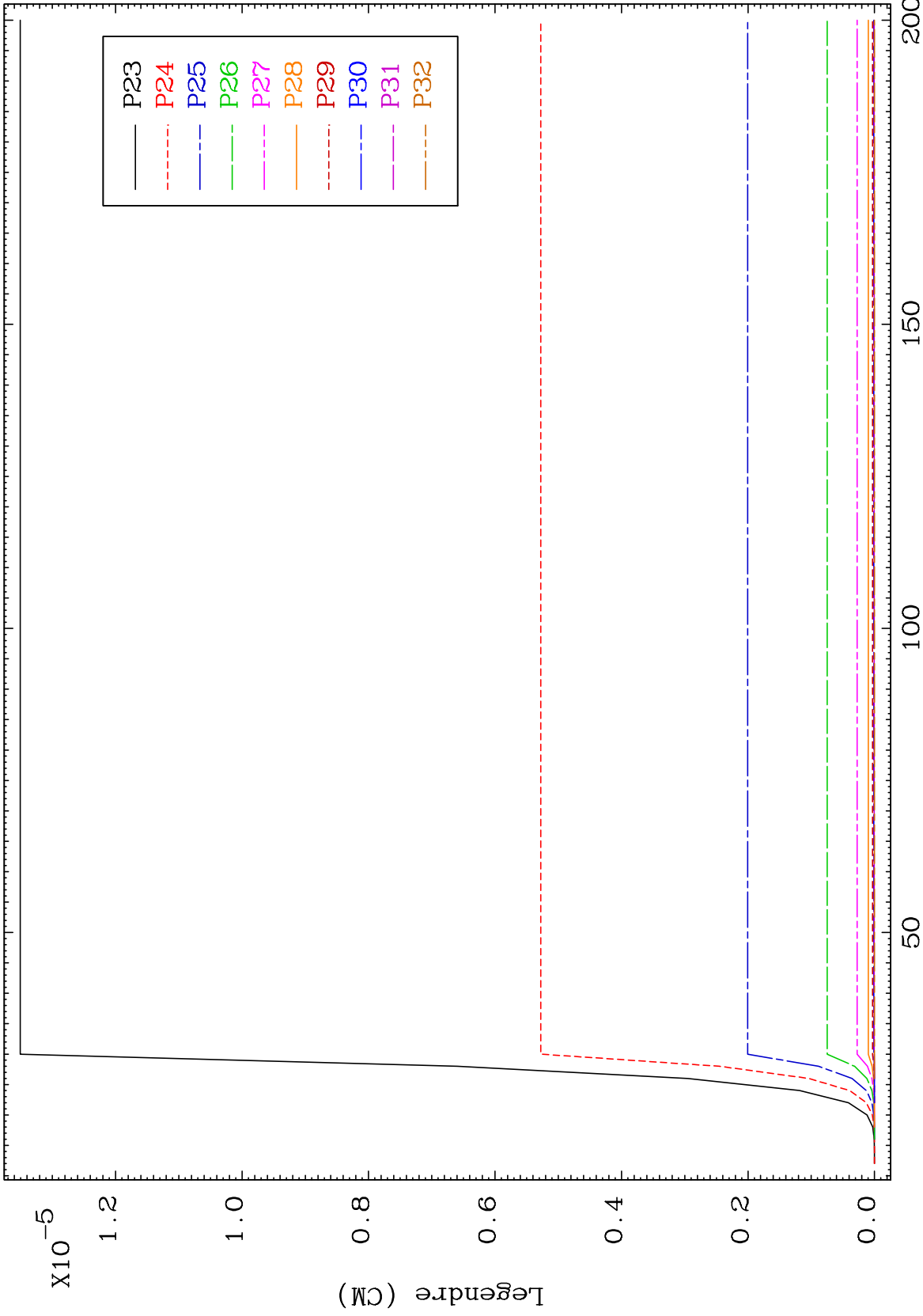
77

29-Cu-75

MAT 2961

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

29-Cu-75



78

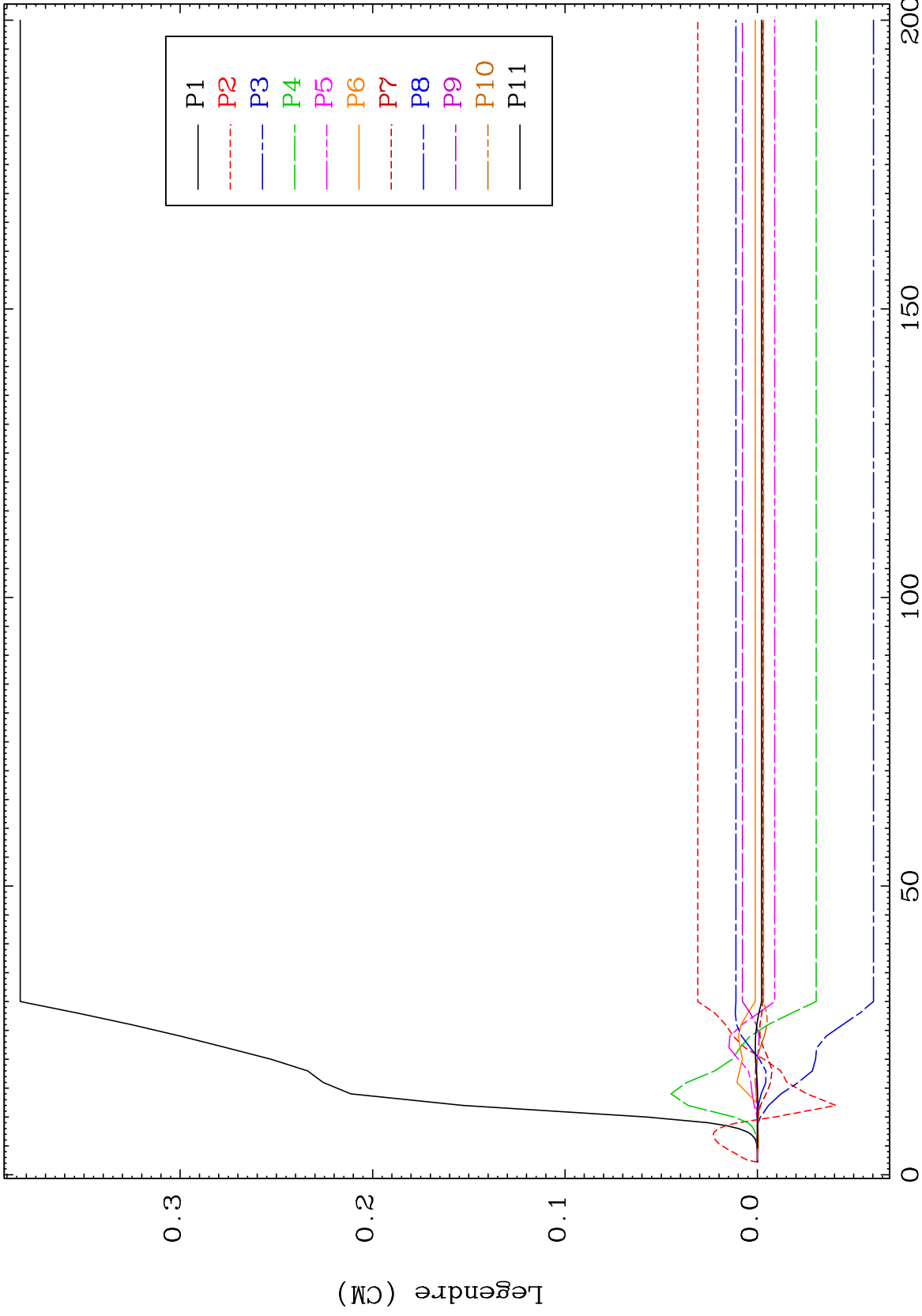
Incident Energy (MeV)

29-Cu-75

MAT 2961

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

29-Cu-75

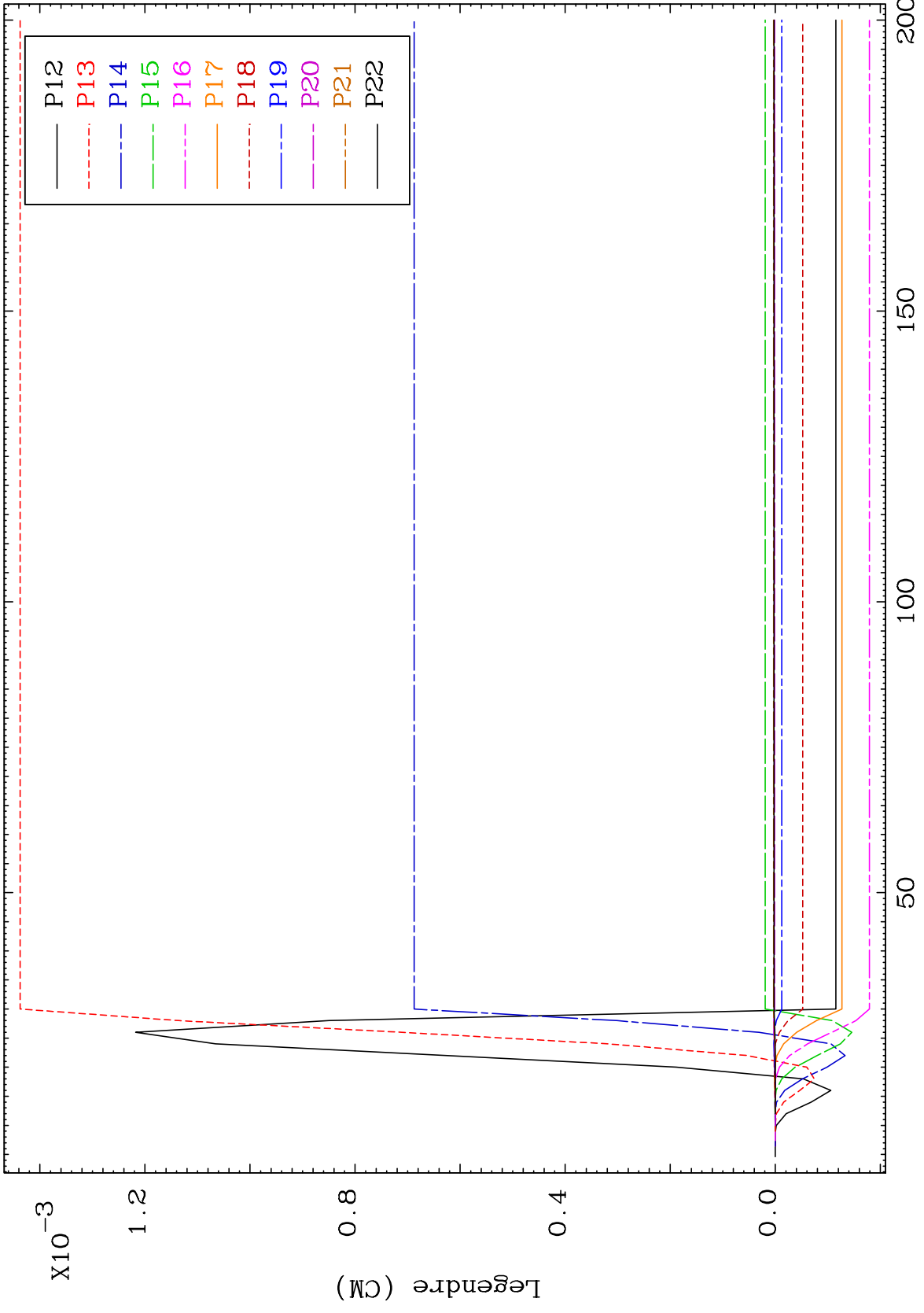


79

Incident Energy (MeV)

29-Cu-75

MAT 2961 MT= 68 (n,n') Level Legendre Coefficients 29-Cu-75

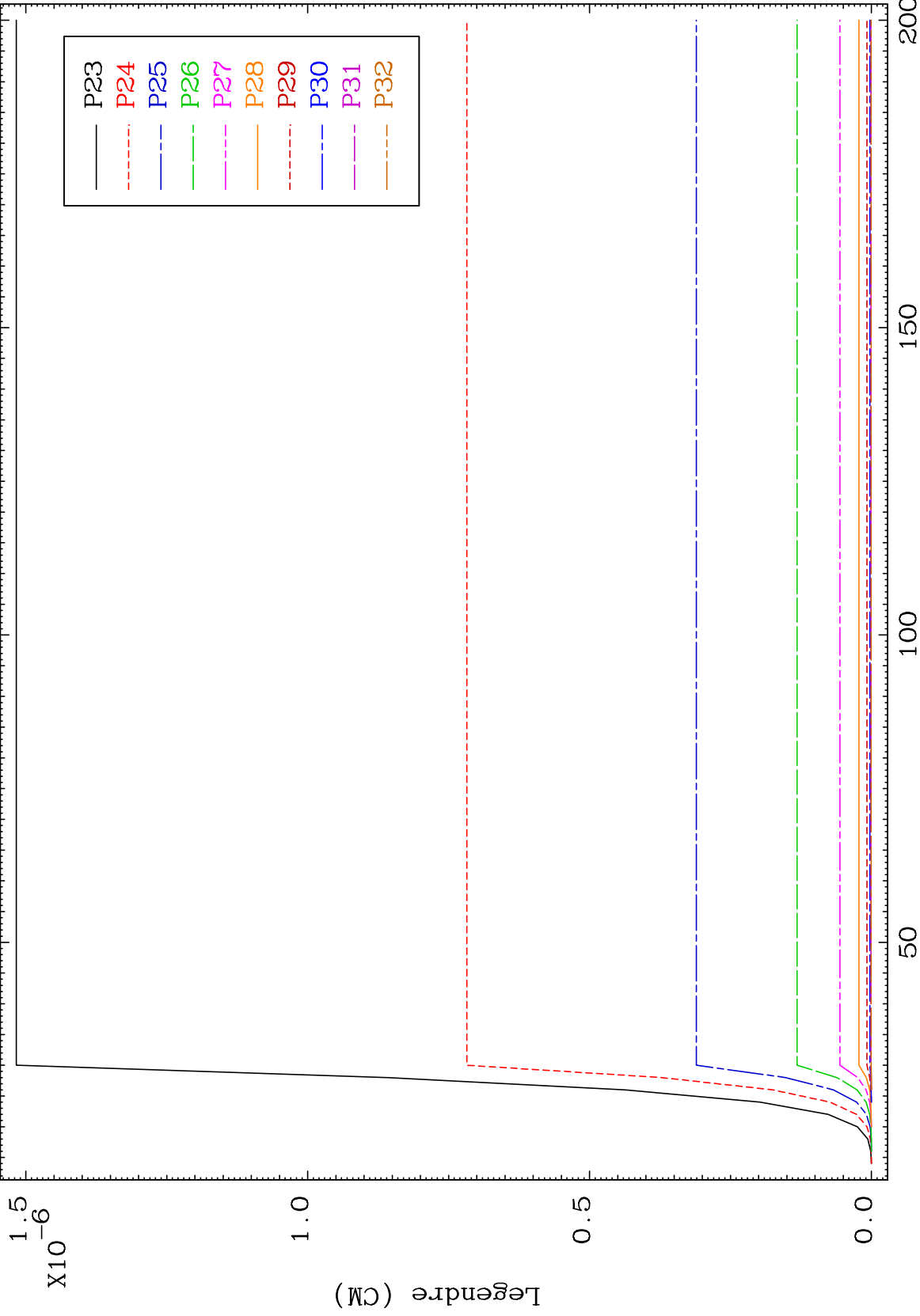


80 50 100 150 200 Incident Energy (MeV) 29-Cu-75

MAT 2961

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

29-Cu-75

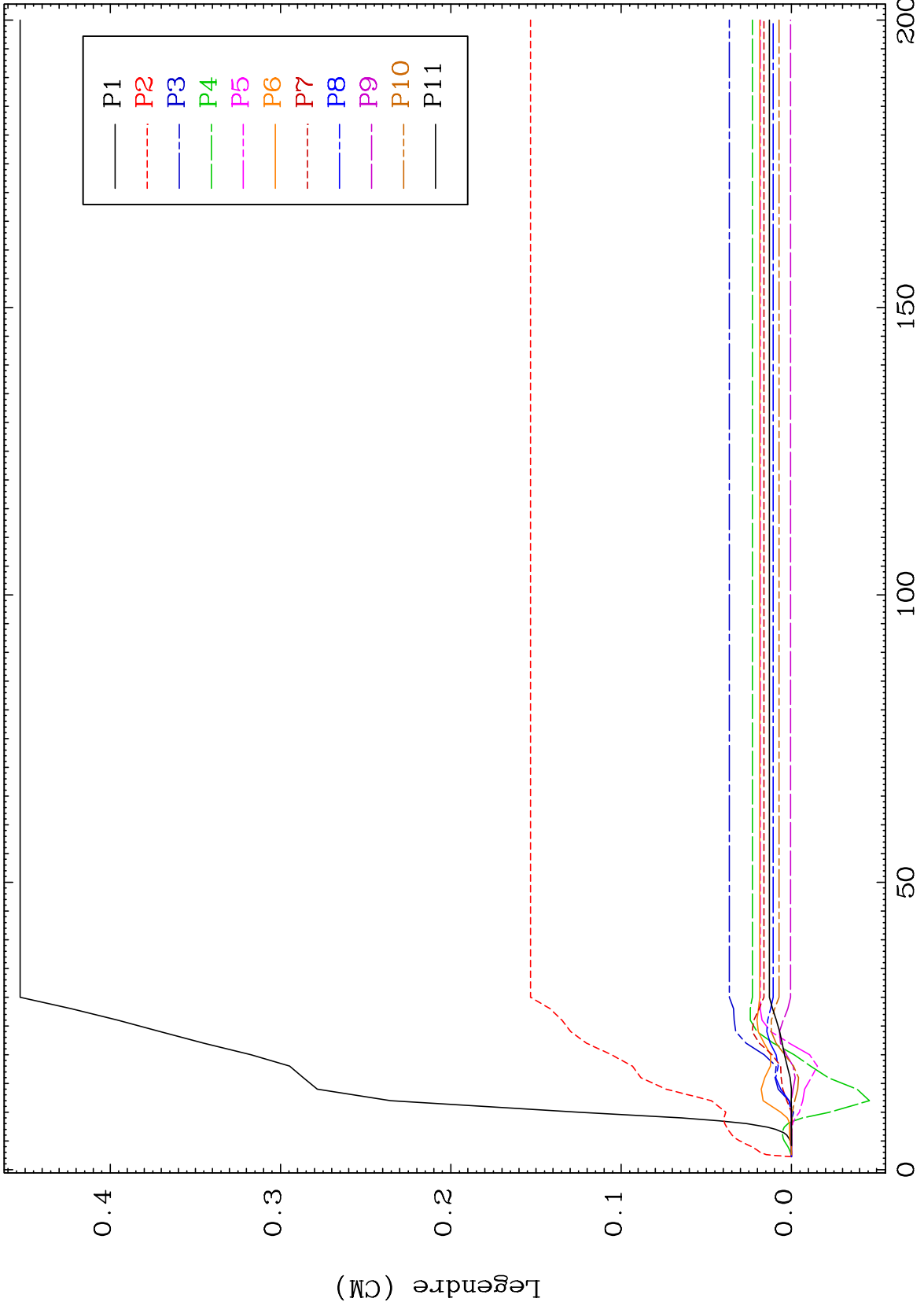


81

Incident Energy (MeV)

29-Cu-75

MAT 2961 MT= 69 (n,n') Level Legendre Coefficients 29-Cu-75

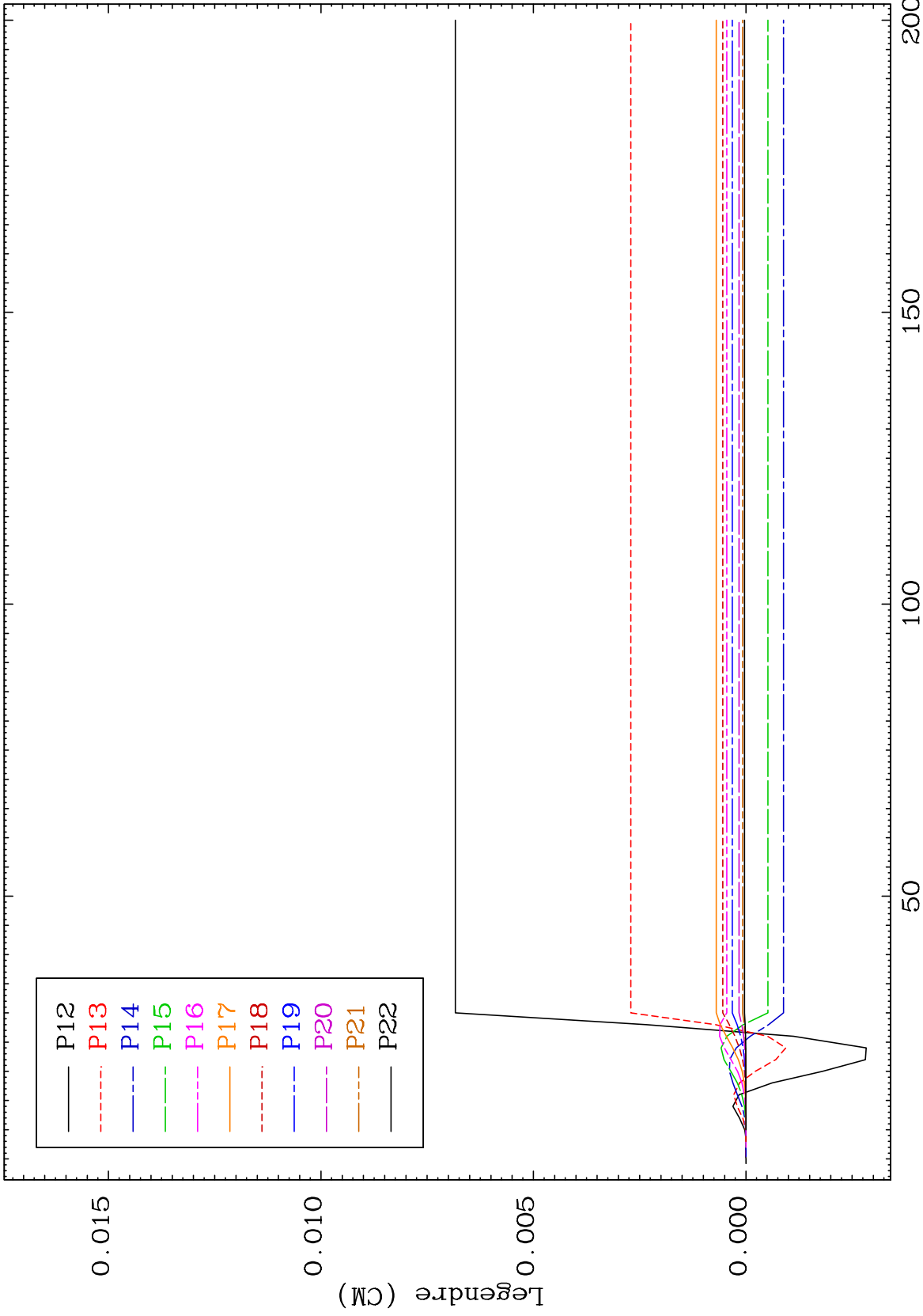


82 Incident Energy (MeV) 29-Cu-75

MAT 2961

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

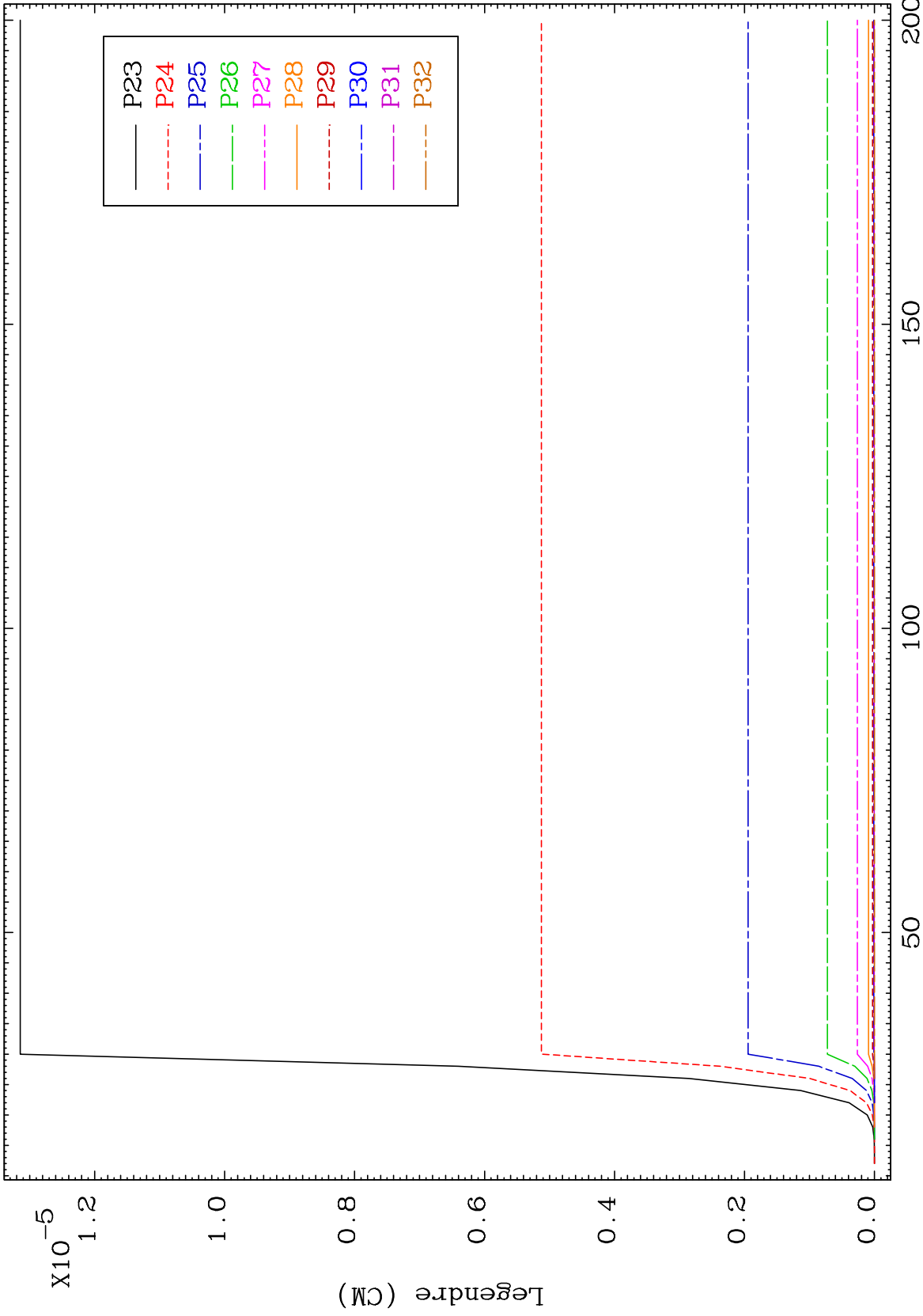
29-Cu-75



MAT 2961

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

29-Cu-75

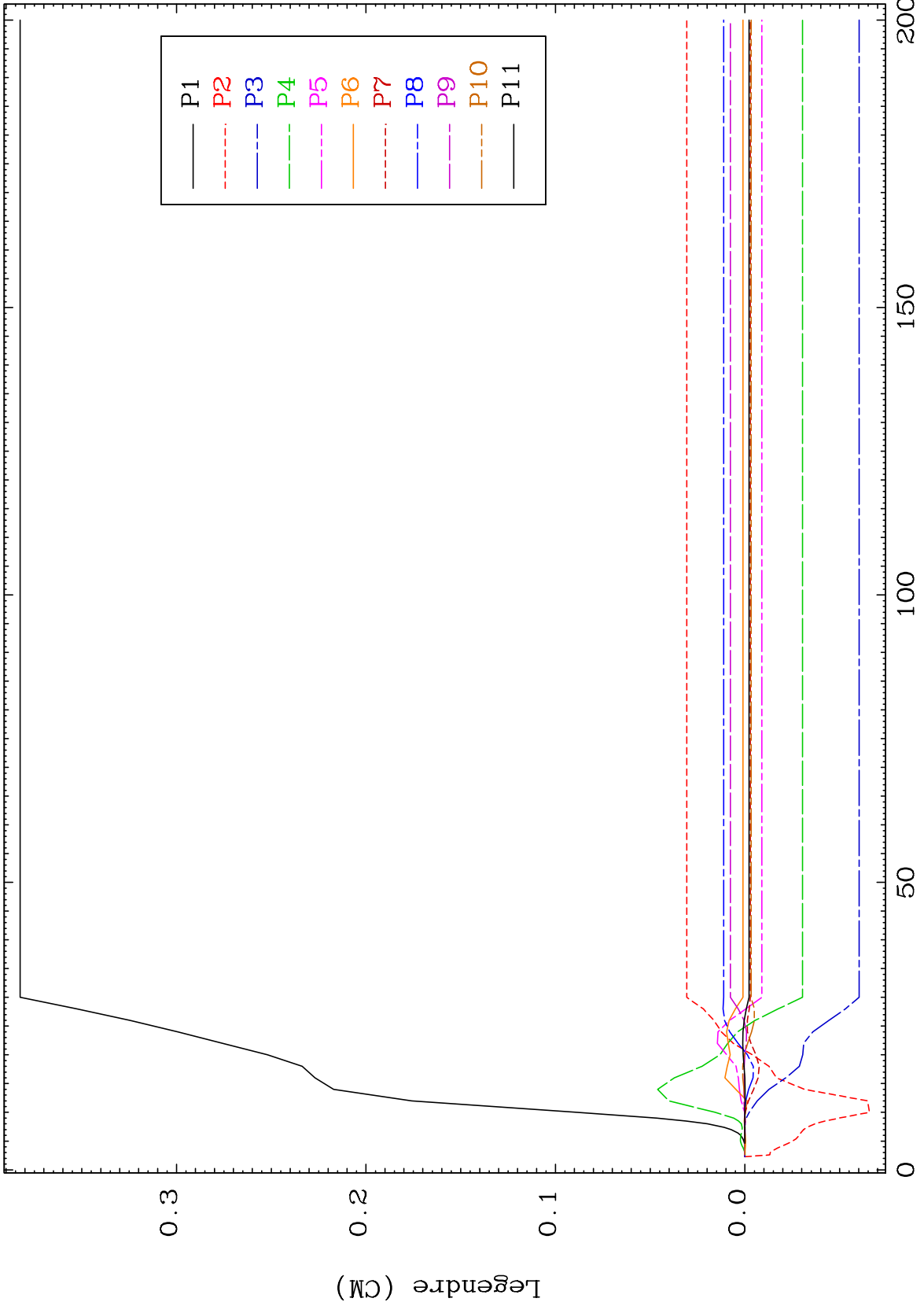


84

Incident Energy (MeV)

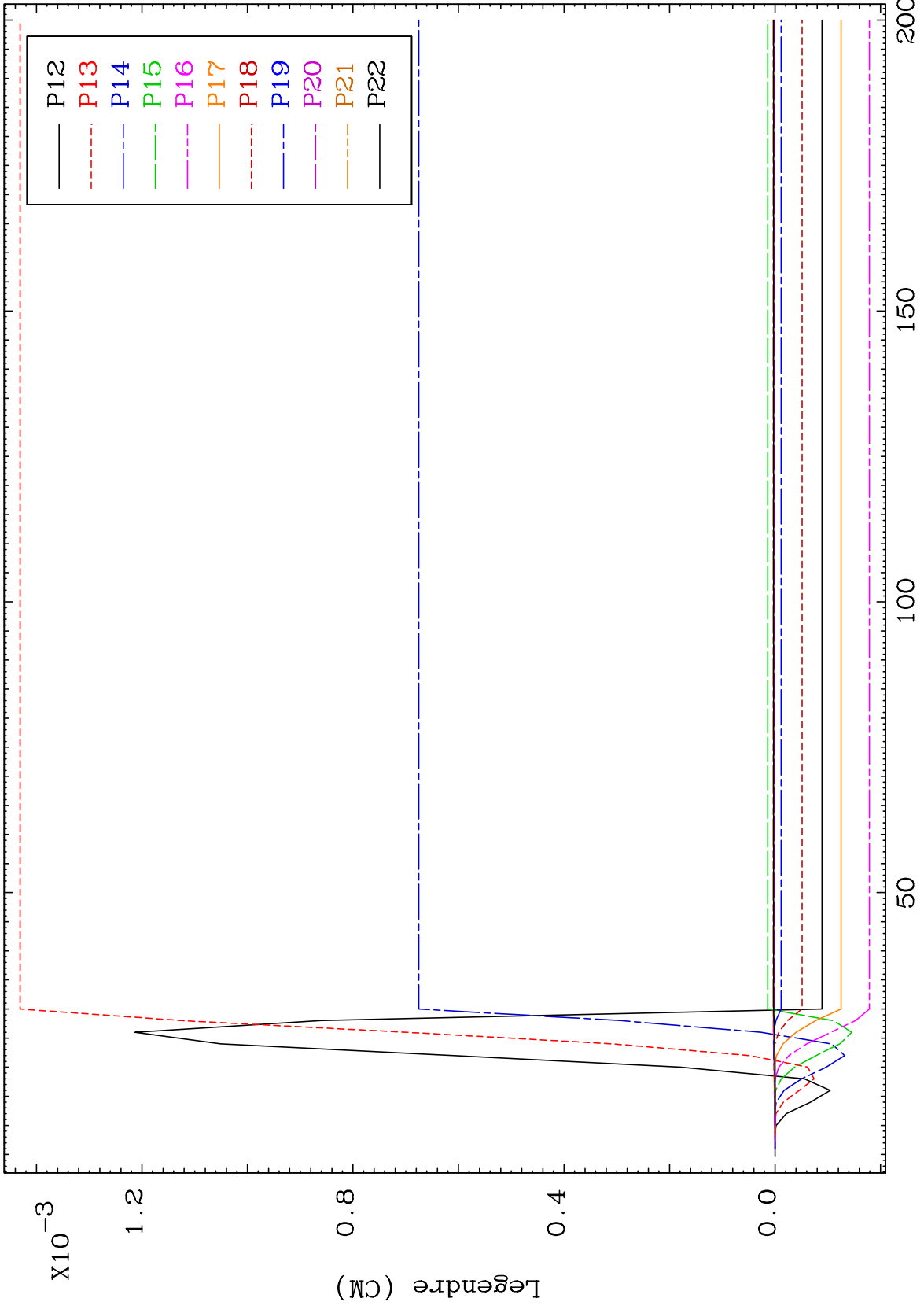
29-Cu-75

MAT 2961 MT= 70 (n,n') Level Legendre Coefficients 29-Cu-75

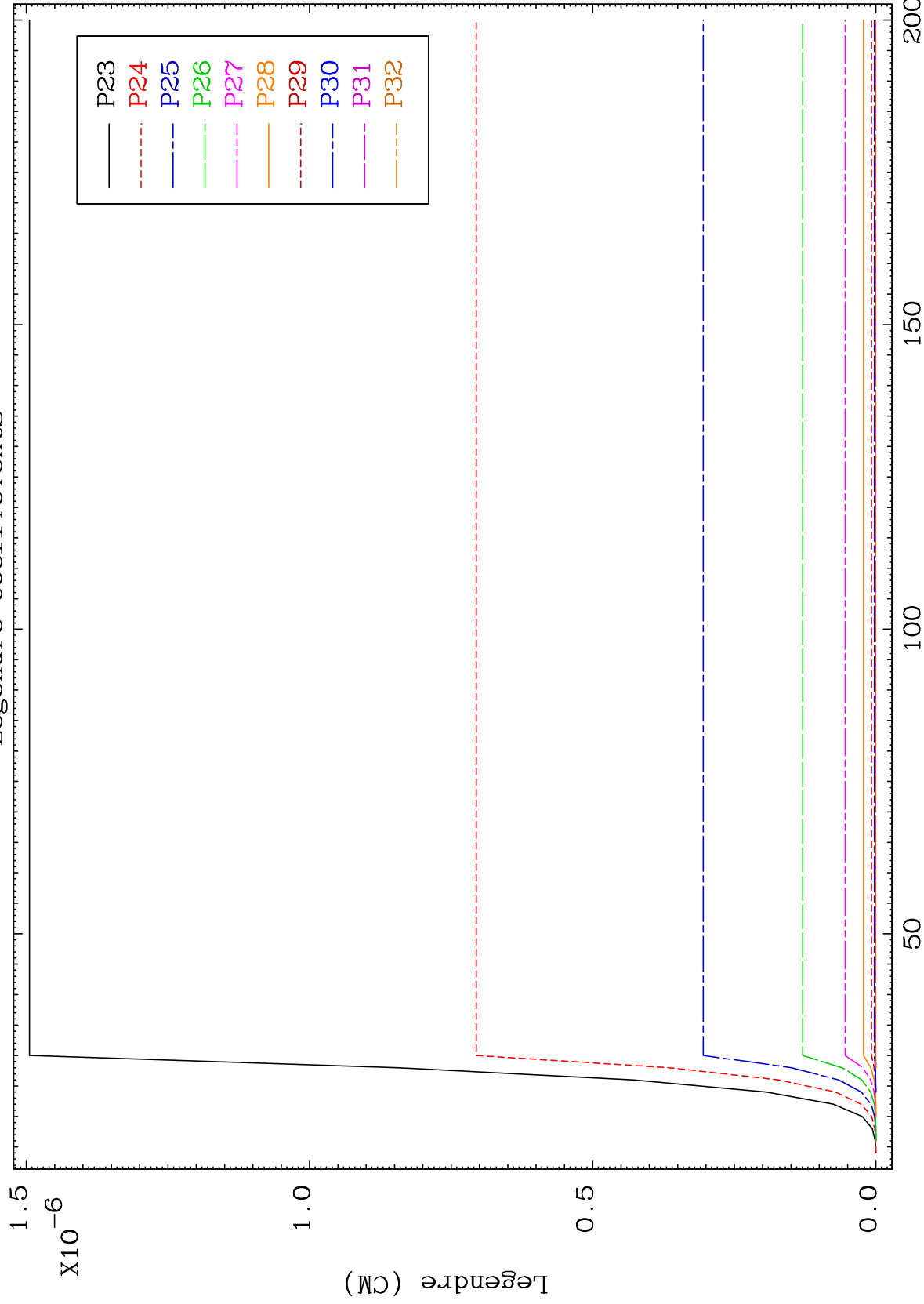


85 Incident Energy (MeV) 29-Cu-75

MAT 2961 MT= 70 (n,n') Level Legendre Coefficients 29-Cu-75



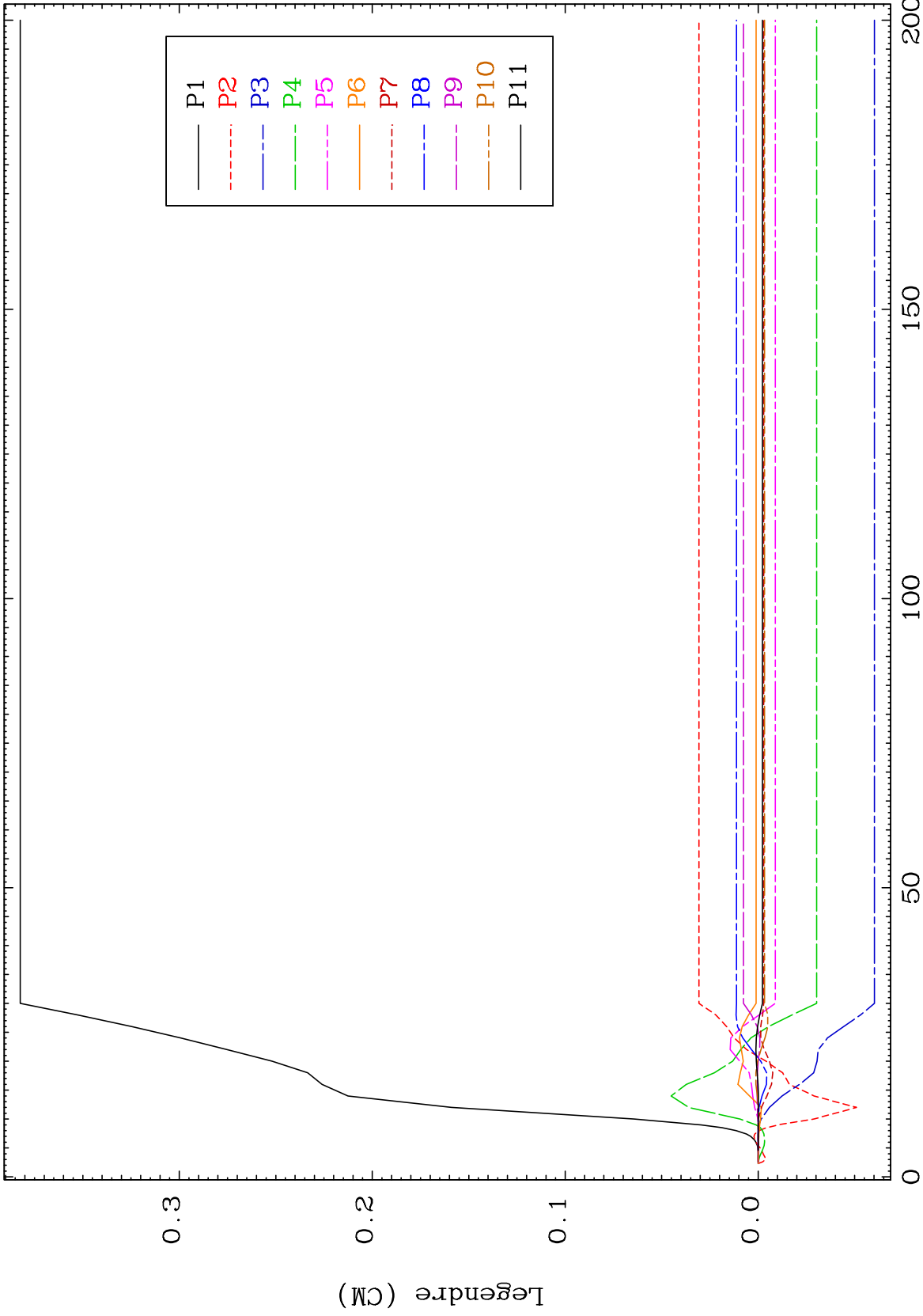
MAT 2961 MT= 70 (n,n') Level Legendre Coefficients 29-Cu-75



MAT 2961

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

29-Cu-75

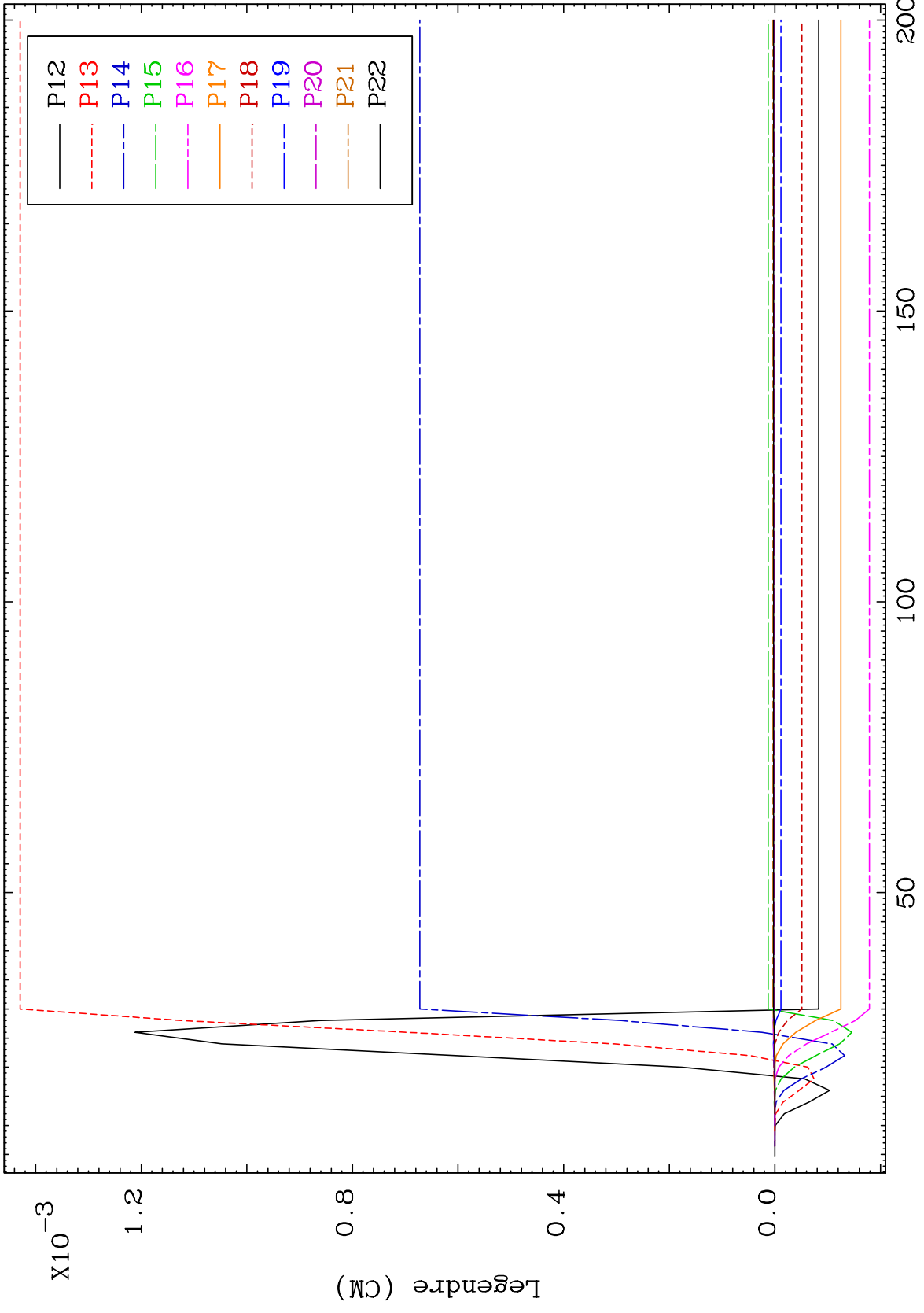


88

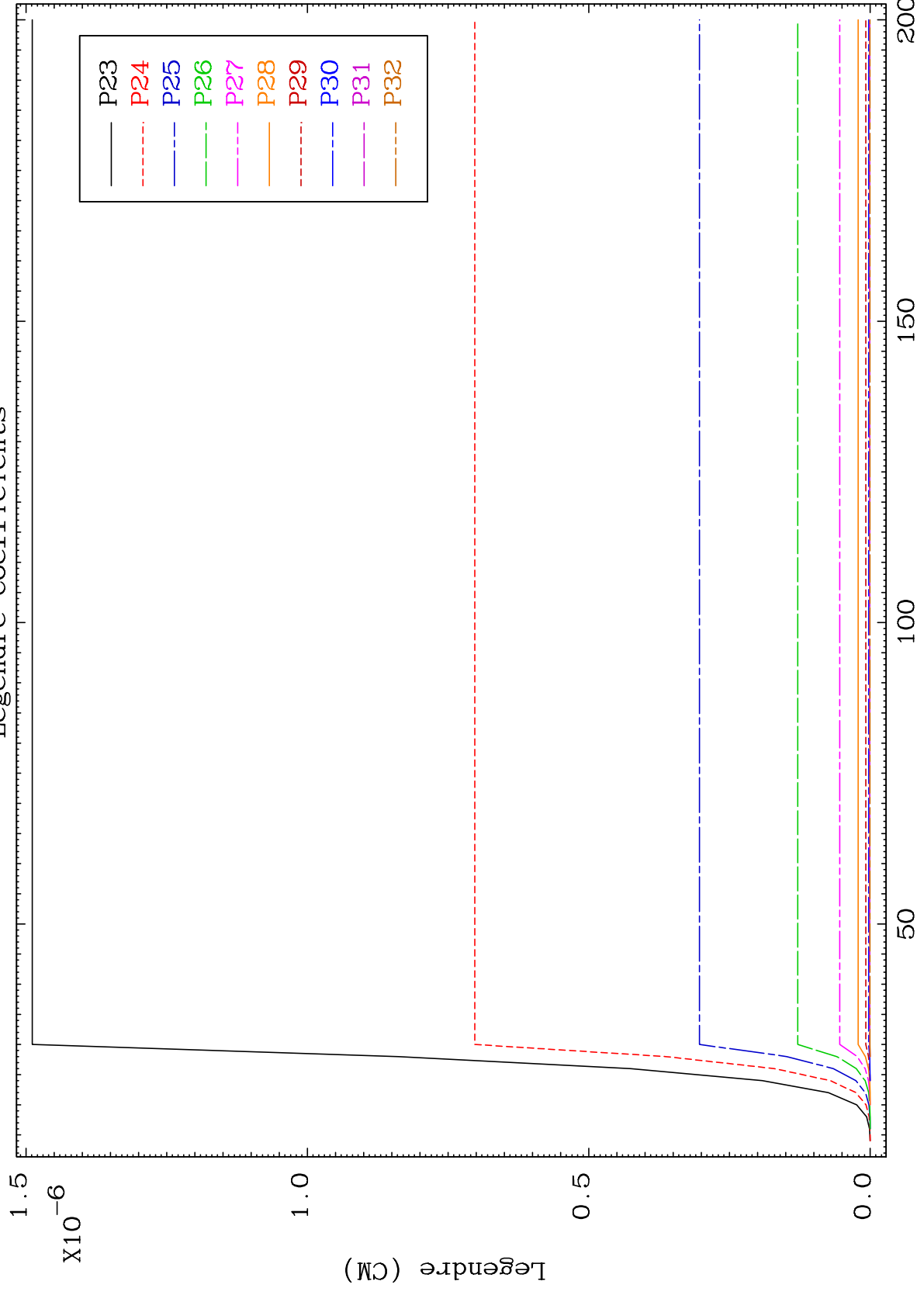
Incident Energy (MeV)

29-Cu-75

MAT 2961 MT= 71 (n,n') Level Legendre Coefficients 29-Cu-75



MAT 2961 MT= 71 (n,n') Level Legendre Coefficients 29-Cu-75

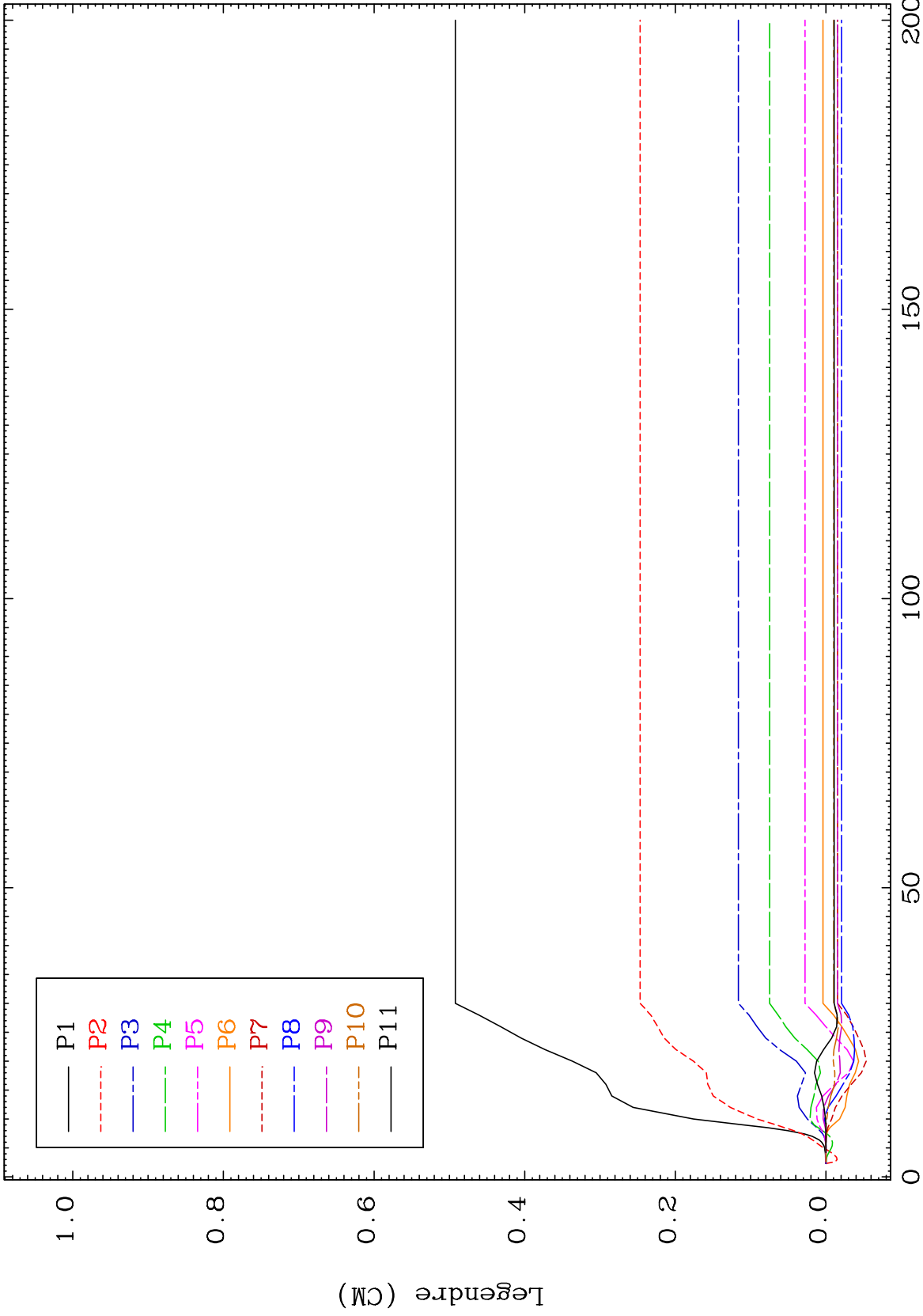


29-Cu-75

MAT 2961

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

29-Cu-75

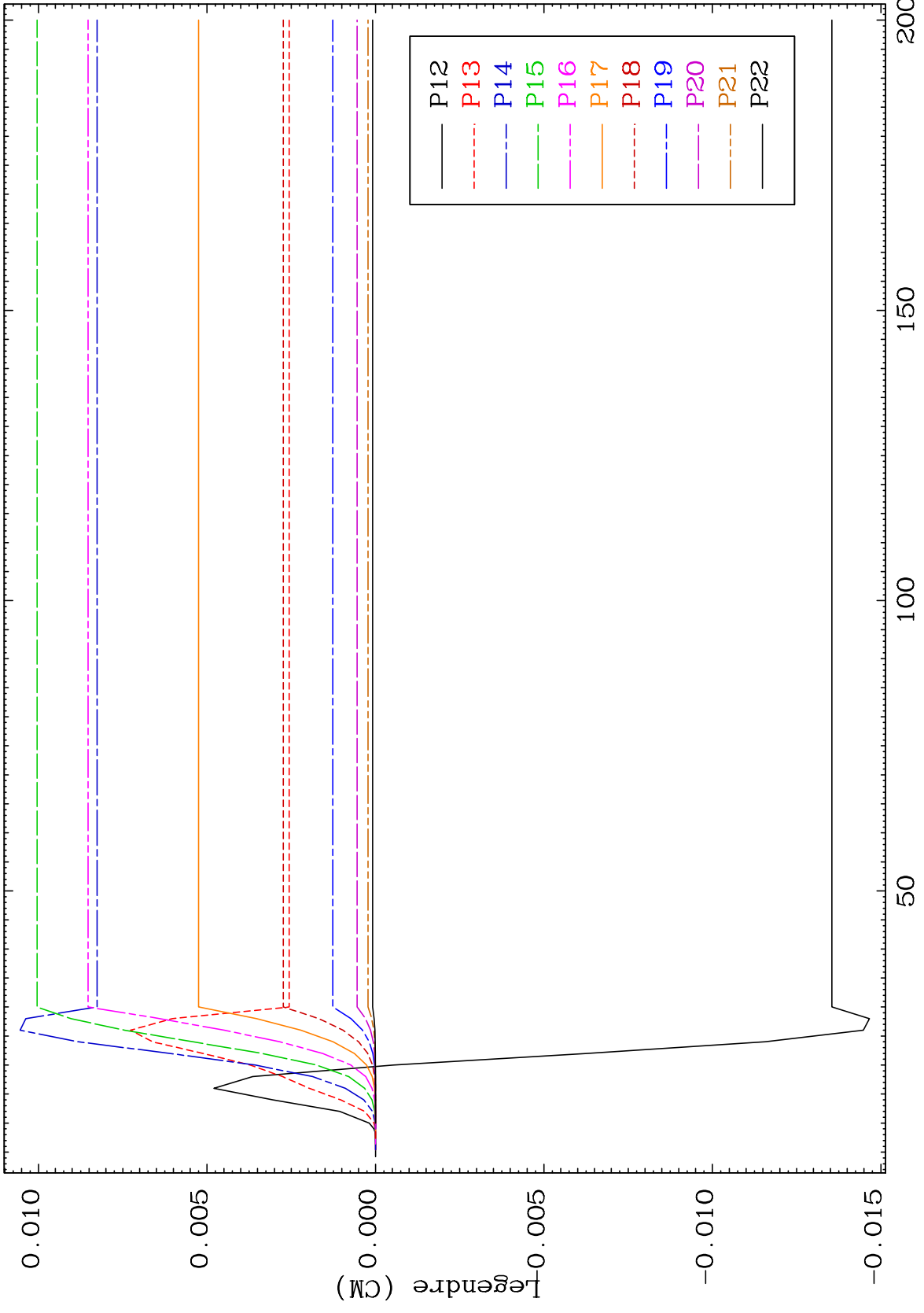


91

Incident Energy (MeV)

29-Cu-75

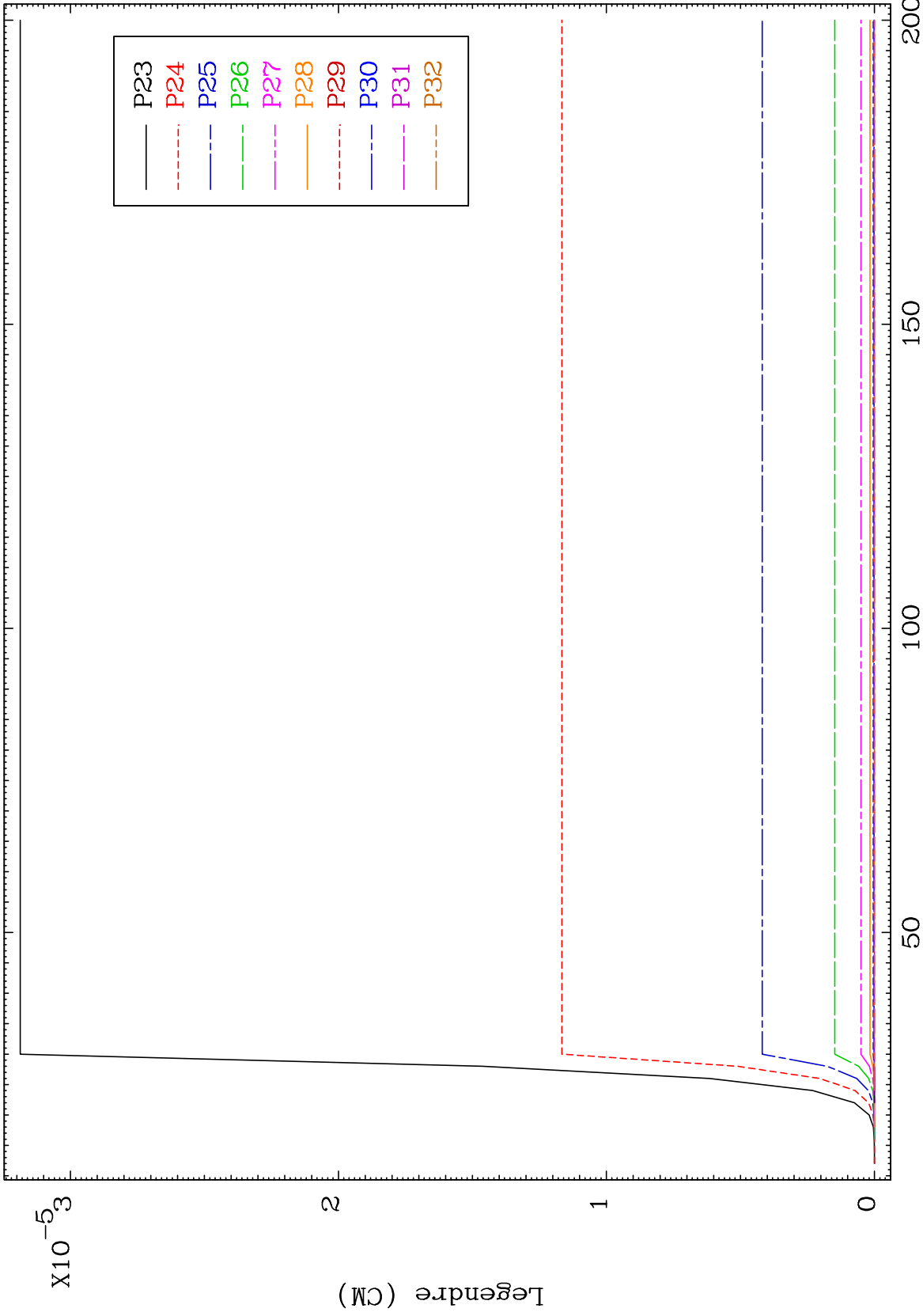
MAT 2961 MT= 72 (n,n') Level Legendre Coefficients 29-Cu-75



MAT 2961

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

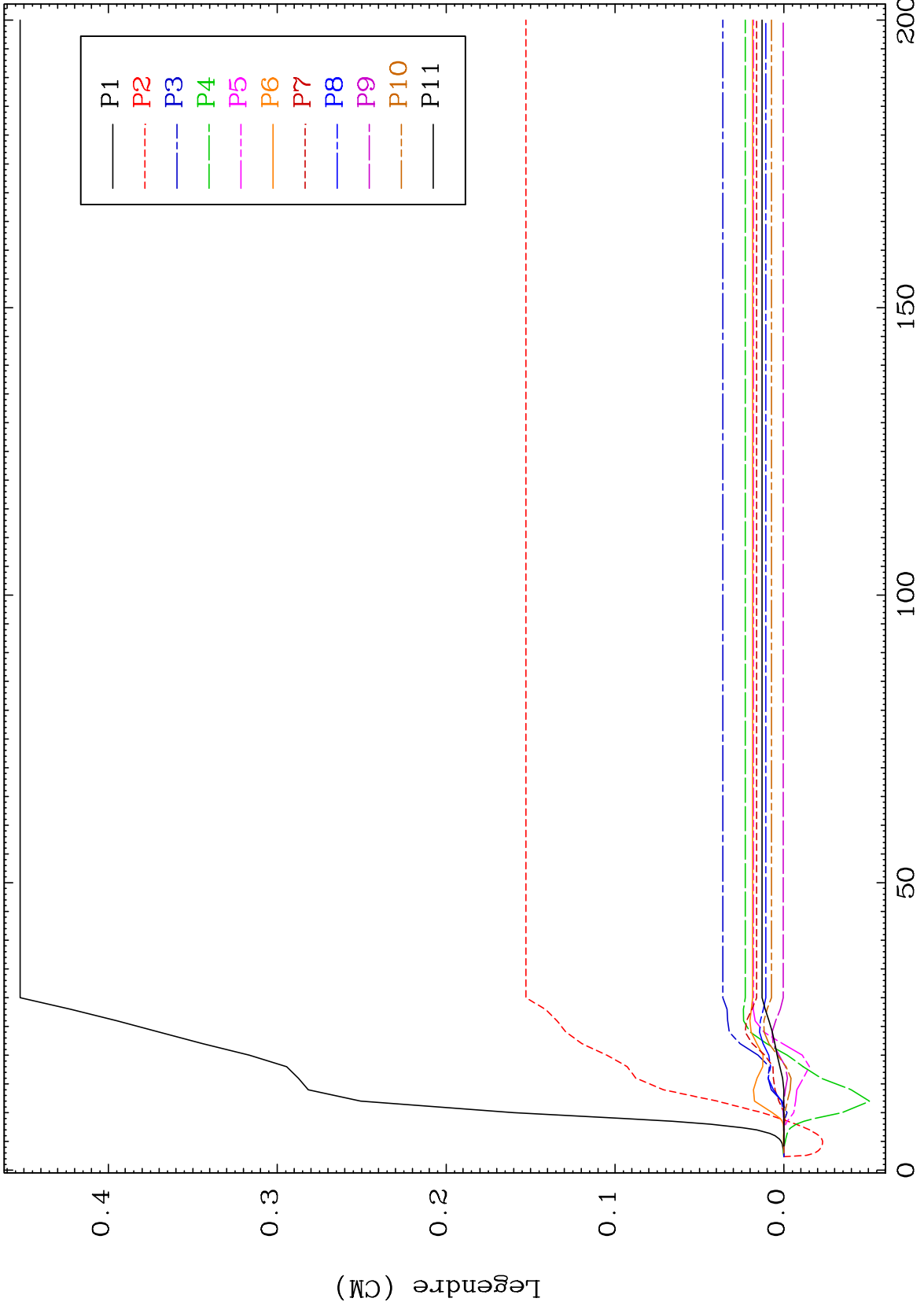
29-Cu-75



93

29-Cu-75

MAT 2961 MT= 73 (n,n') Level Legendre Coefficients 29-Cu-75

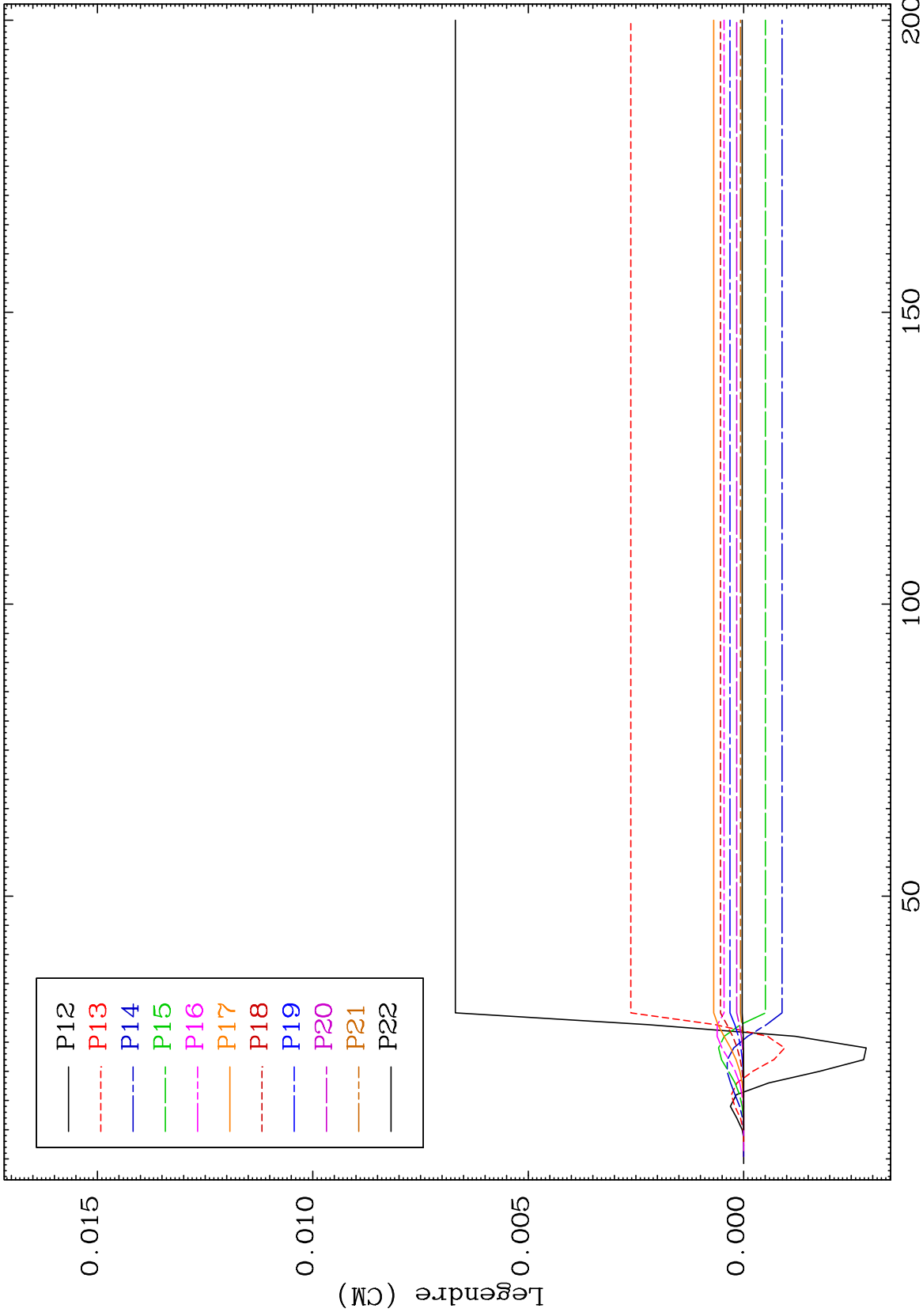


94 29-Cu-75

MAT 2961

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

29-Cu-75



95

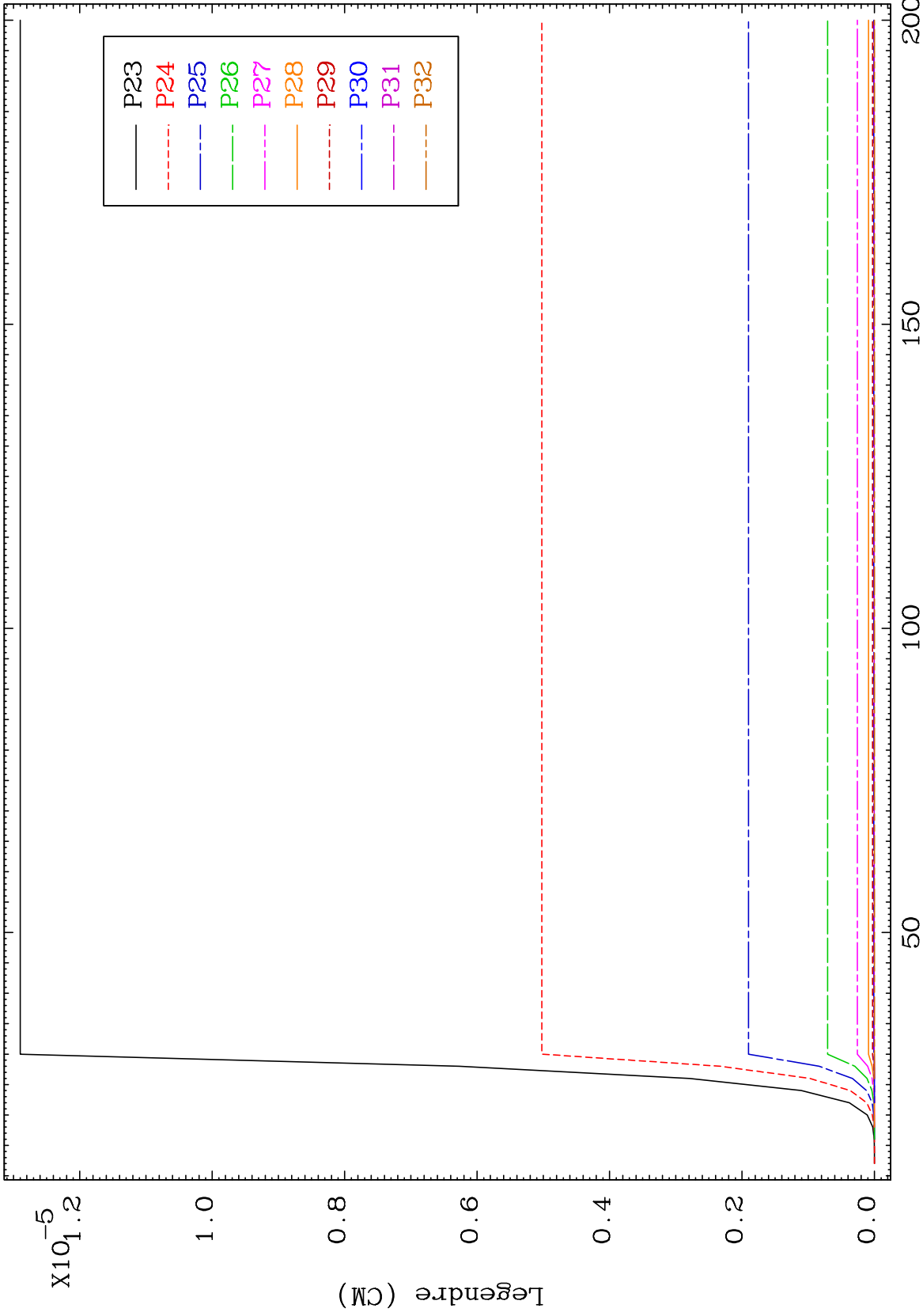
Incident Energy (MeV)

29-Cu-75

MAT 2961

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

29-Cu-75



96

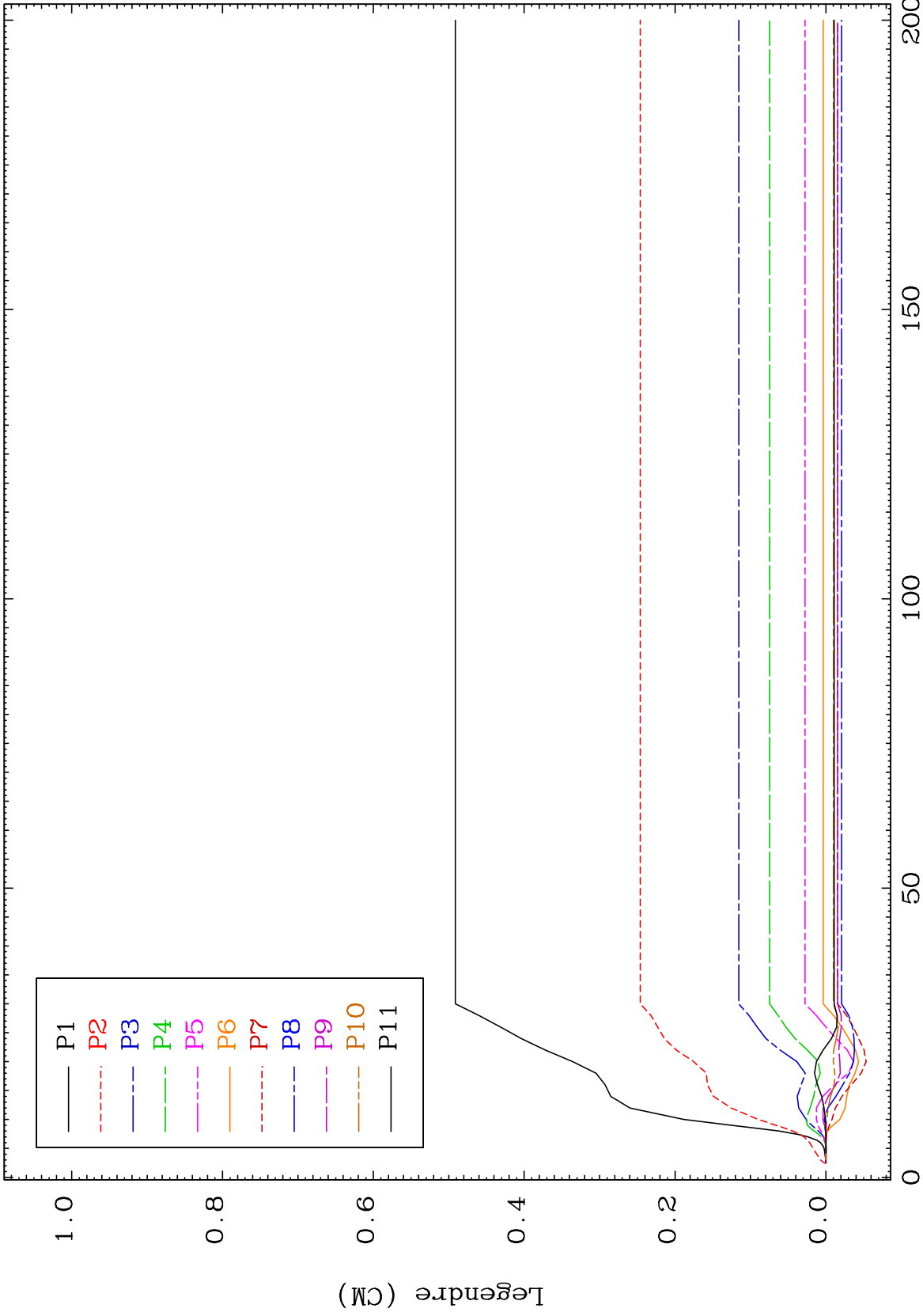
Incident Energy (MeV)

29-Cu-75

MAT 2961

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

29-Cu-75

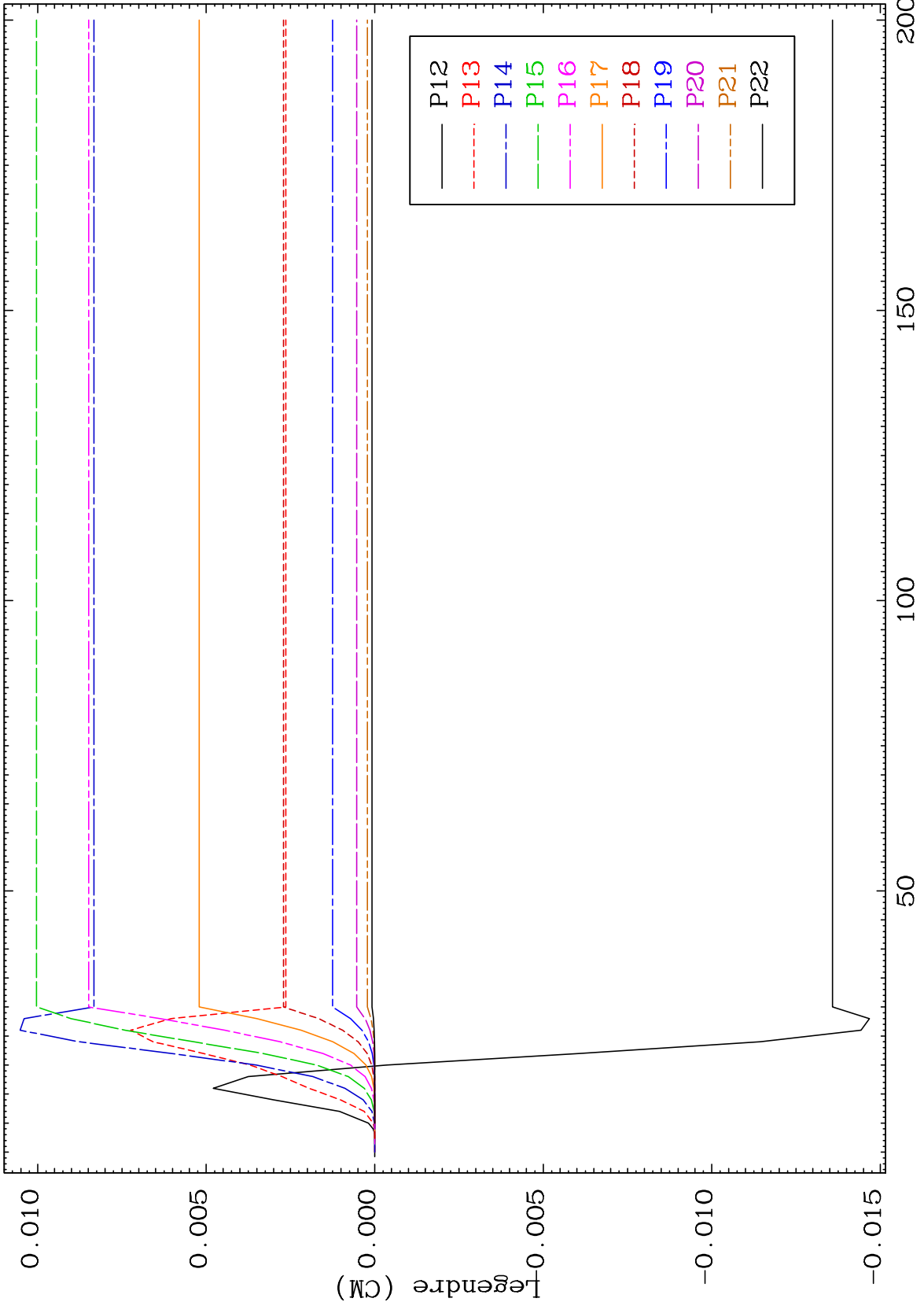


97

Incident Energy (MeV)

29-Cu-75

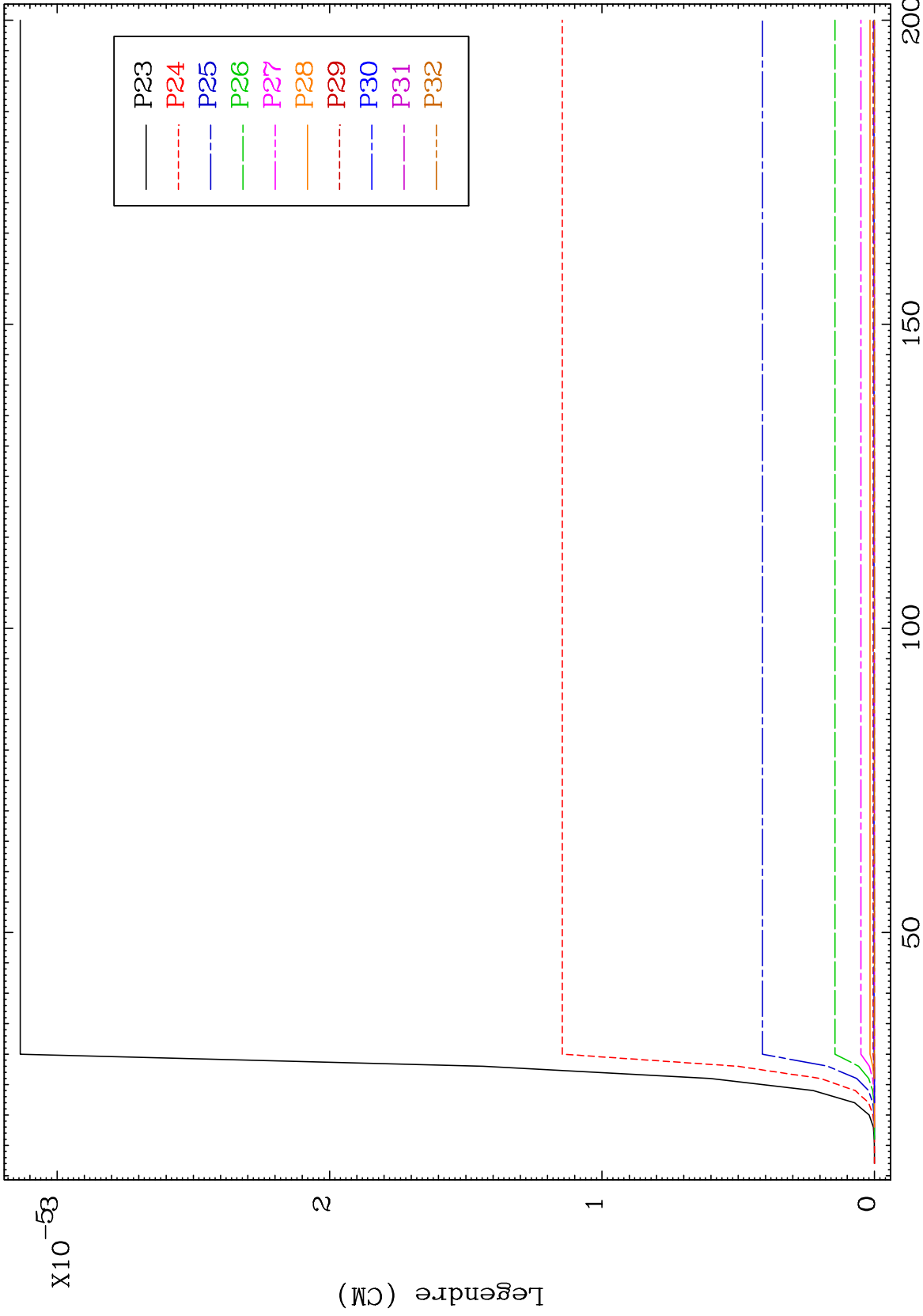
MAT 2961 MT= 74 (n,n') Level Legendre Coefficients 29-Cu-75



MAT 2961

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

29-Cu-75



99

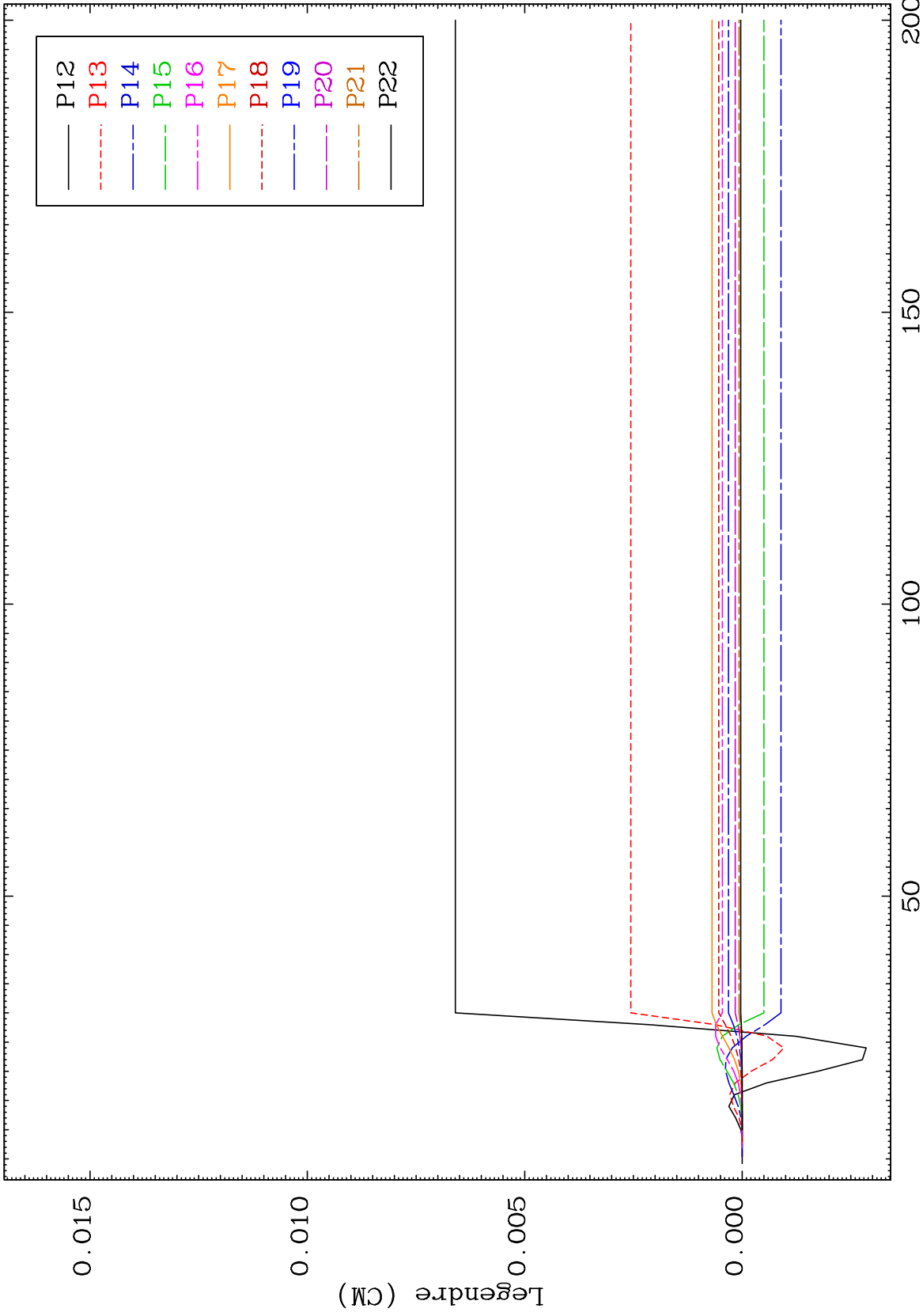
Incident Energy (MeV)

29-Cu-75

MAT 2961

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

29-Cu-75



101

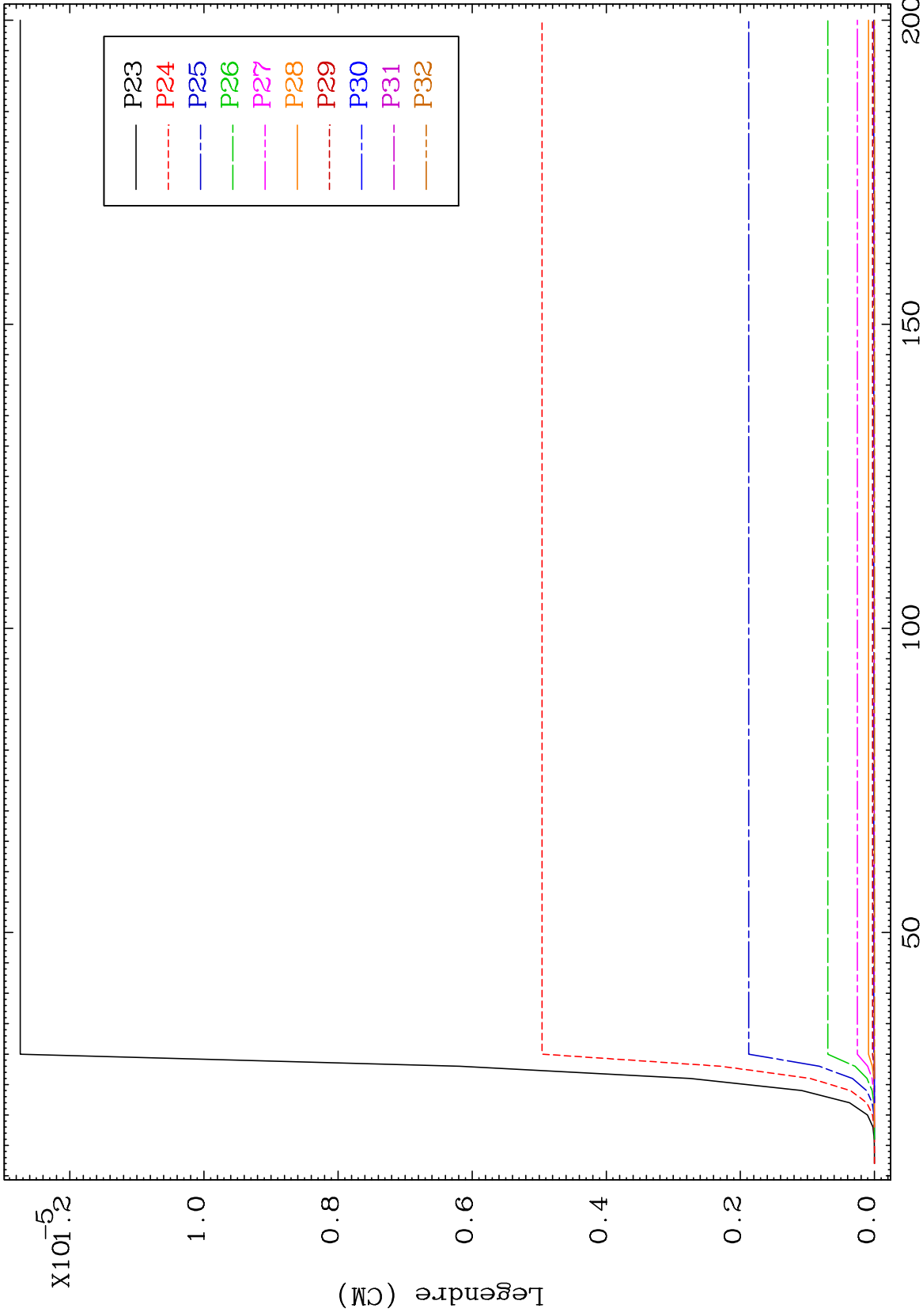
Incident Energy (MeV)

29-Cu-75

MAT 2961

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

29-Cu-75



102

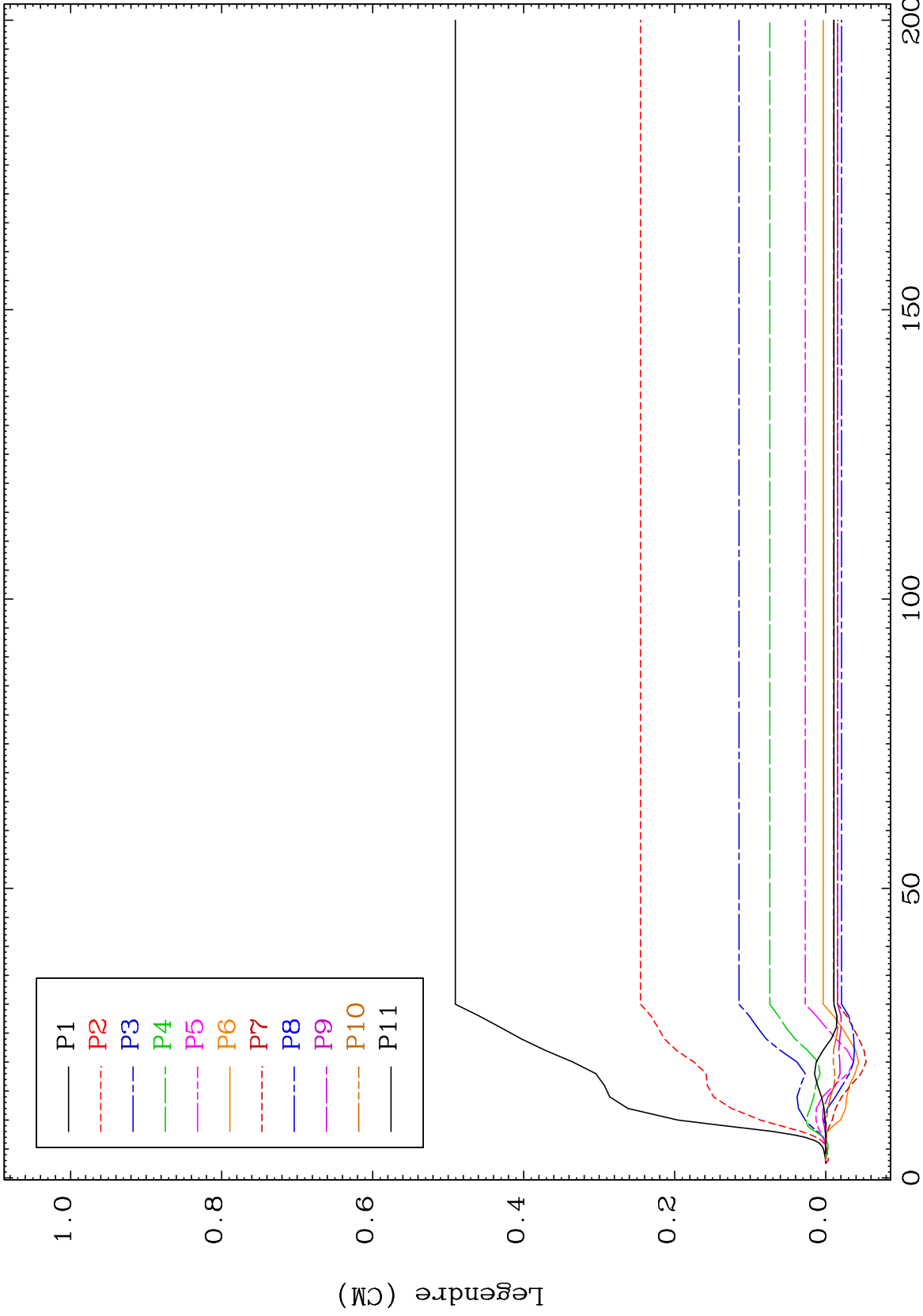
Incident Energy (MeV)

29-Cu-75

MAT 2961

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

29-Cu-75

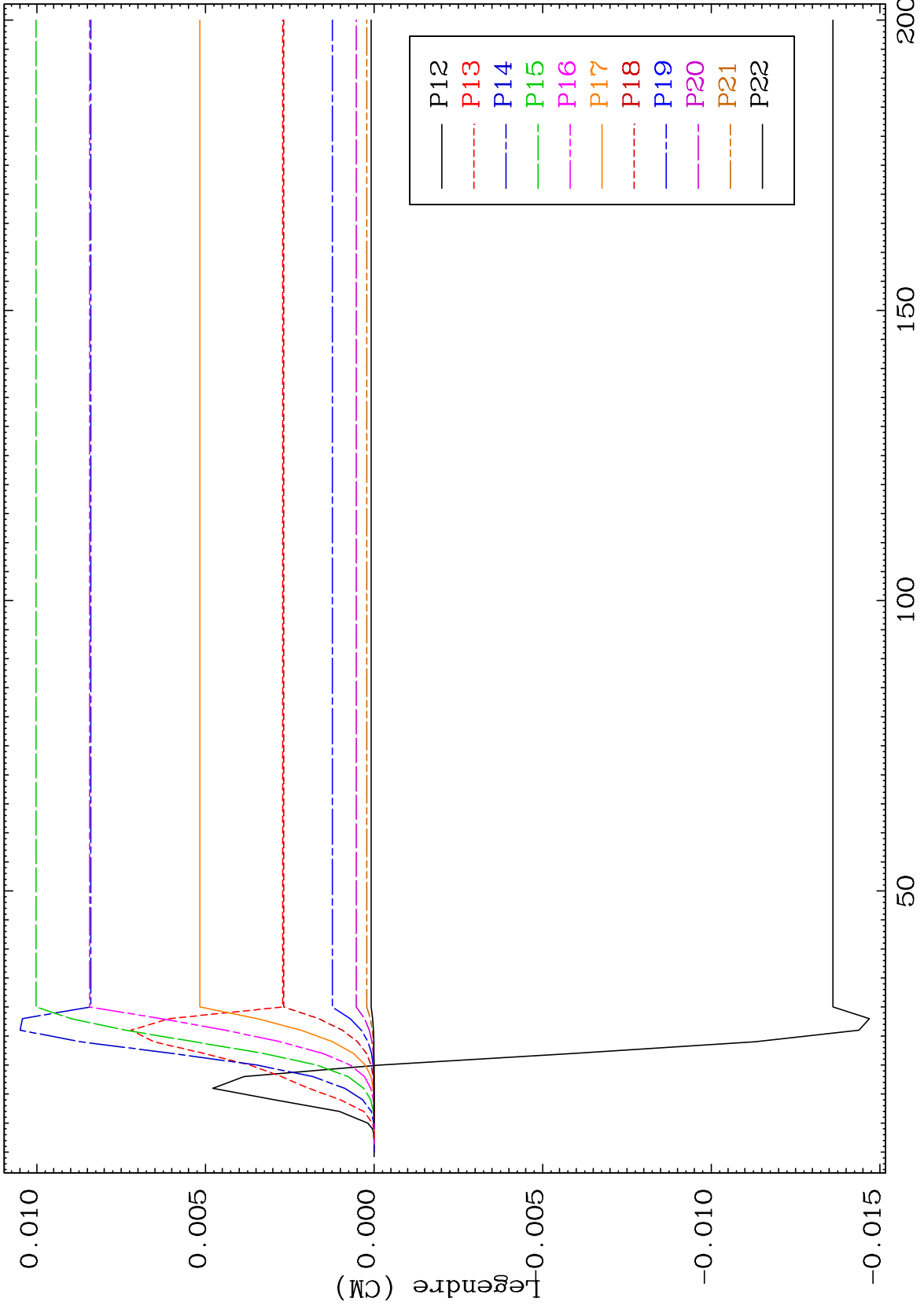


103

Incident Energy (MeV)

29-Cu-75

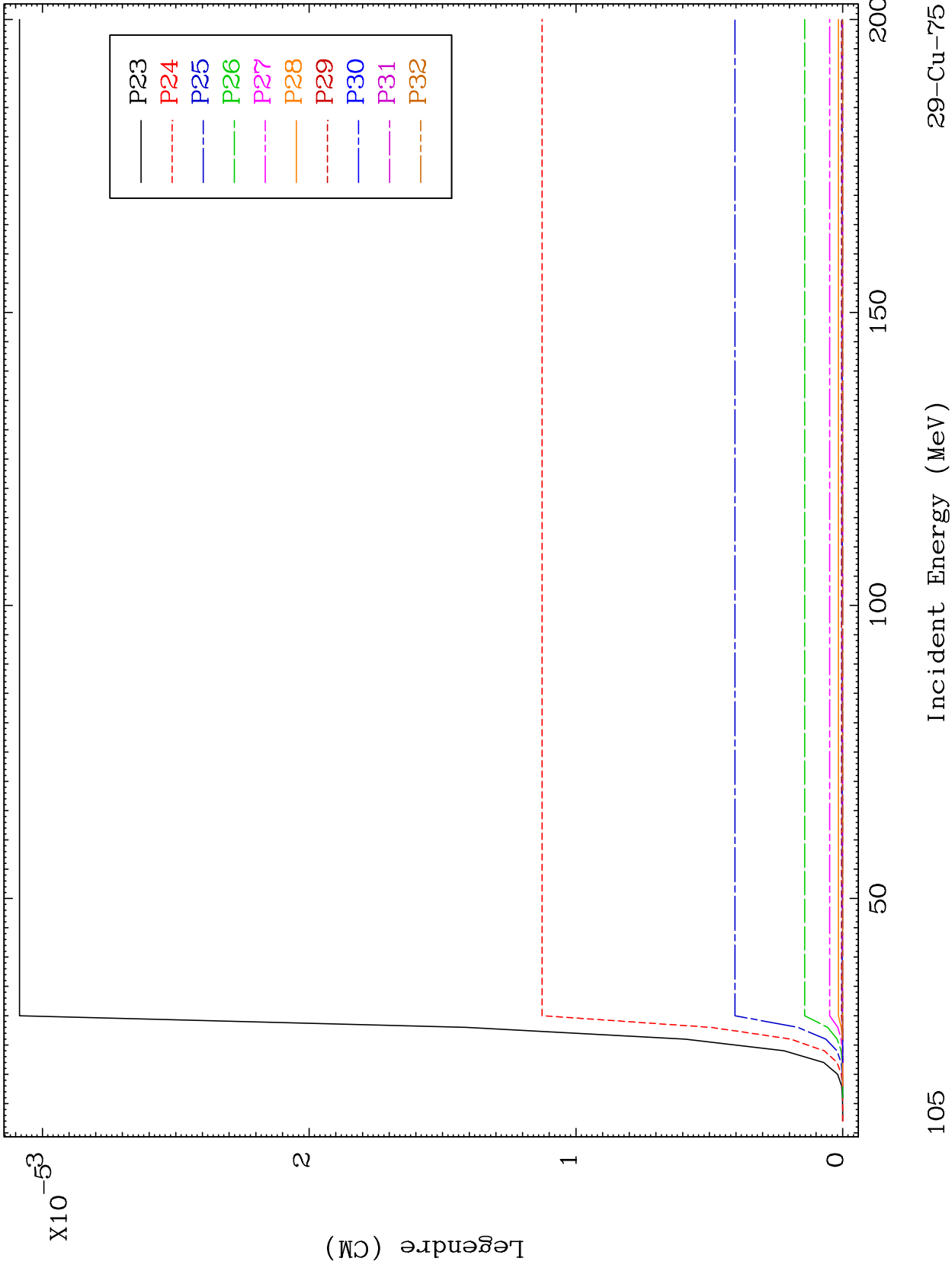
MAT 2961 MT= 76 (n,n') Level Legendre Coefficients 29-Cu-75



MAT 2961

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

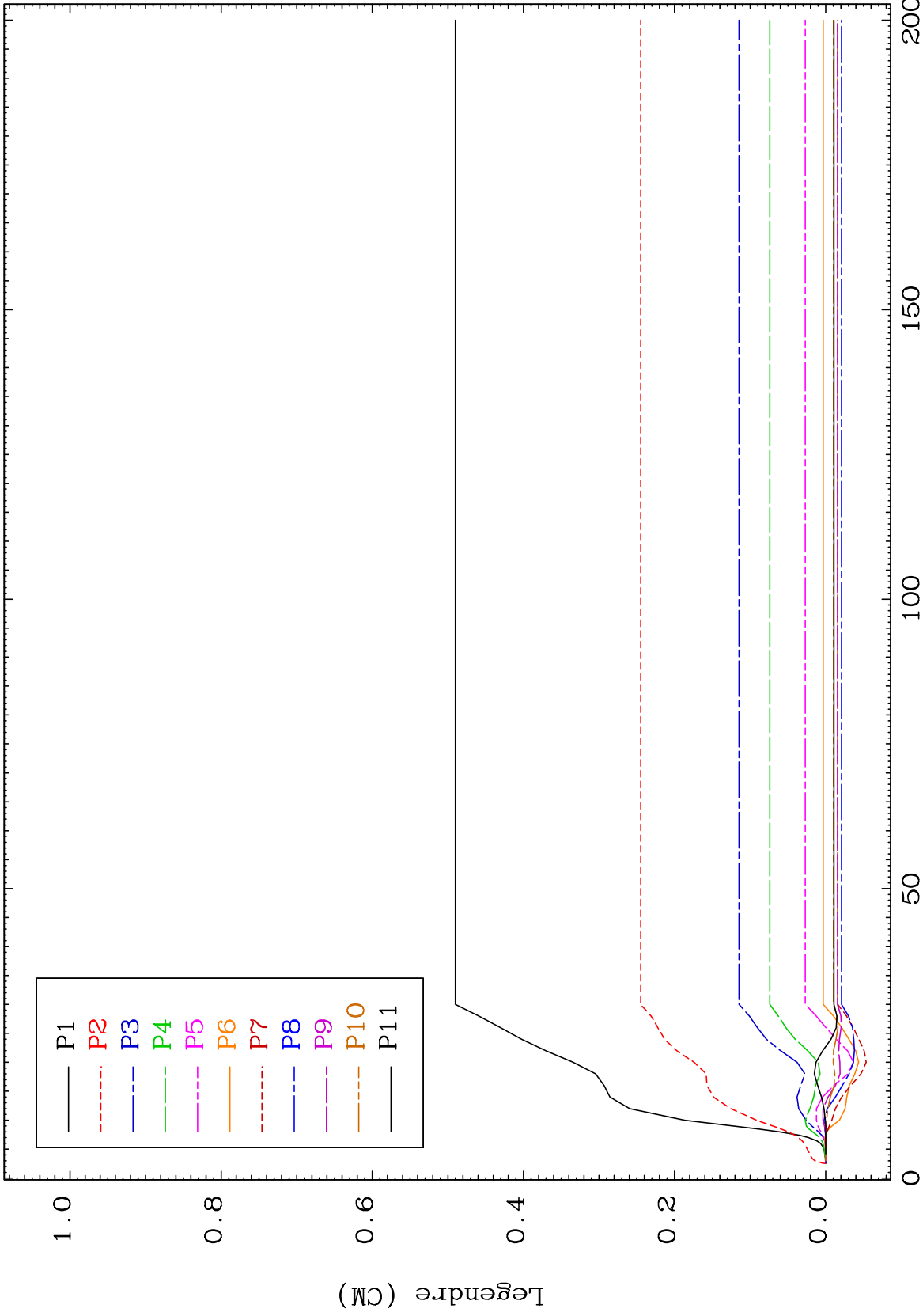
29-Cu-75



MAT 2961

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

29-Cu-75



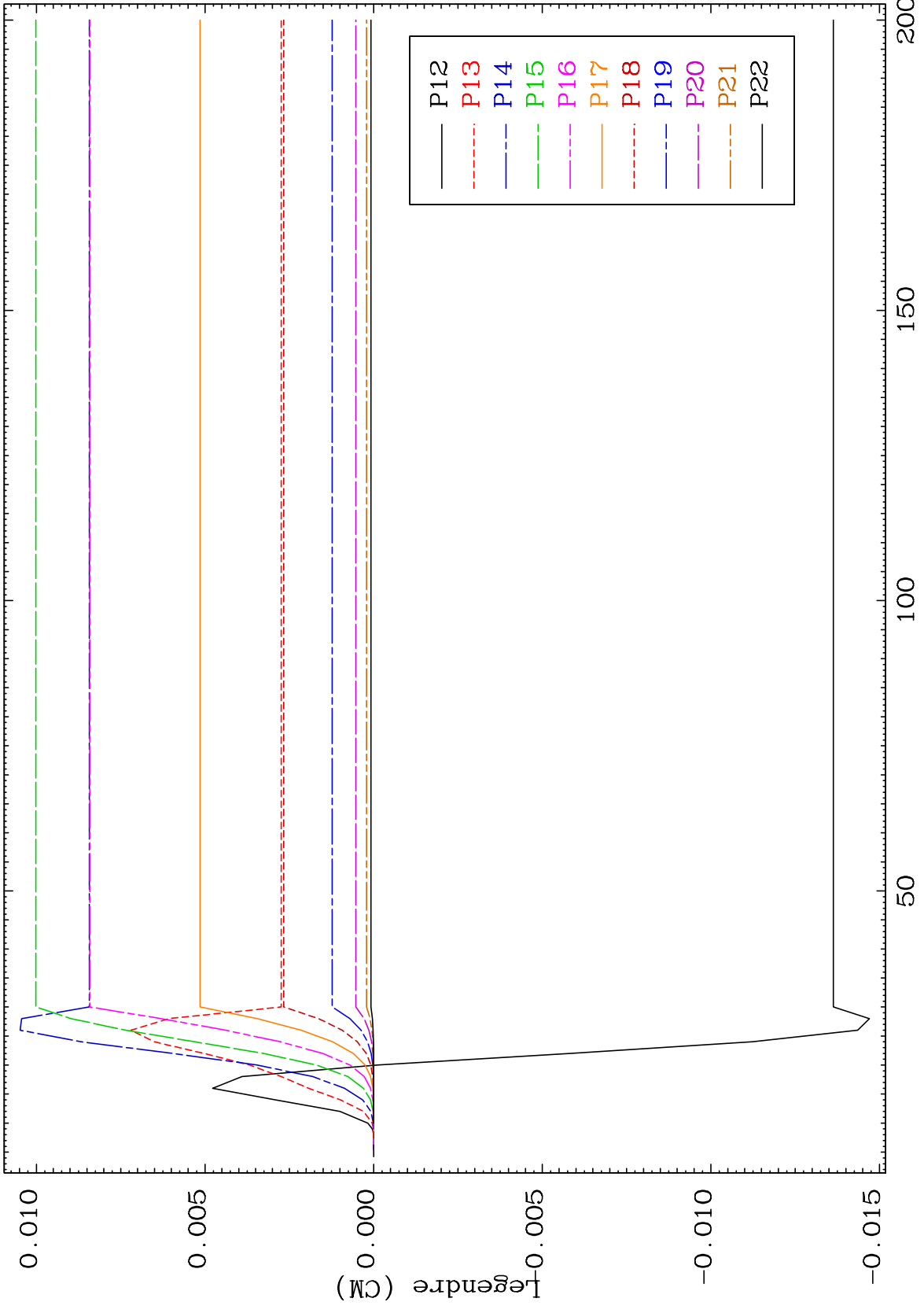
29-Cu-75

Incident Energy (MeV)

106

MAT 2961 MT= 77 (n,n') Level Legendre Coefficients

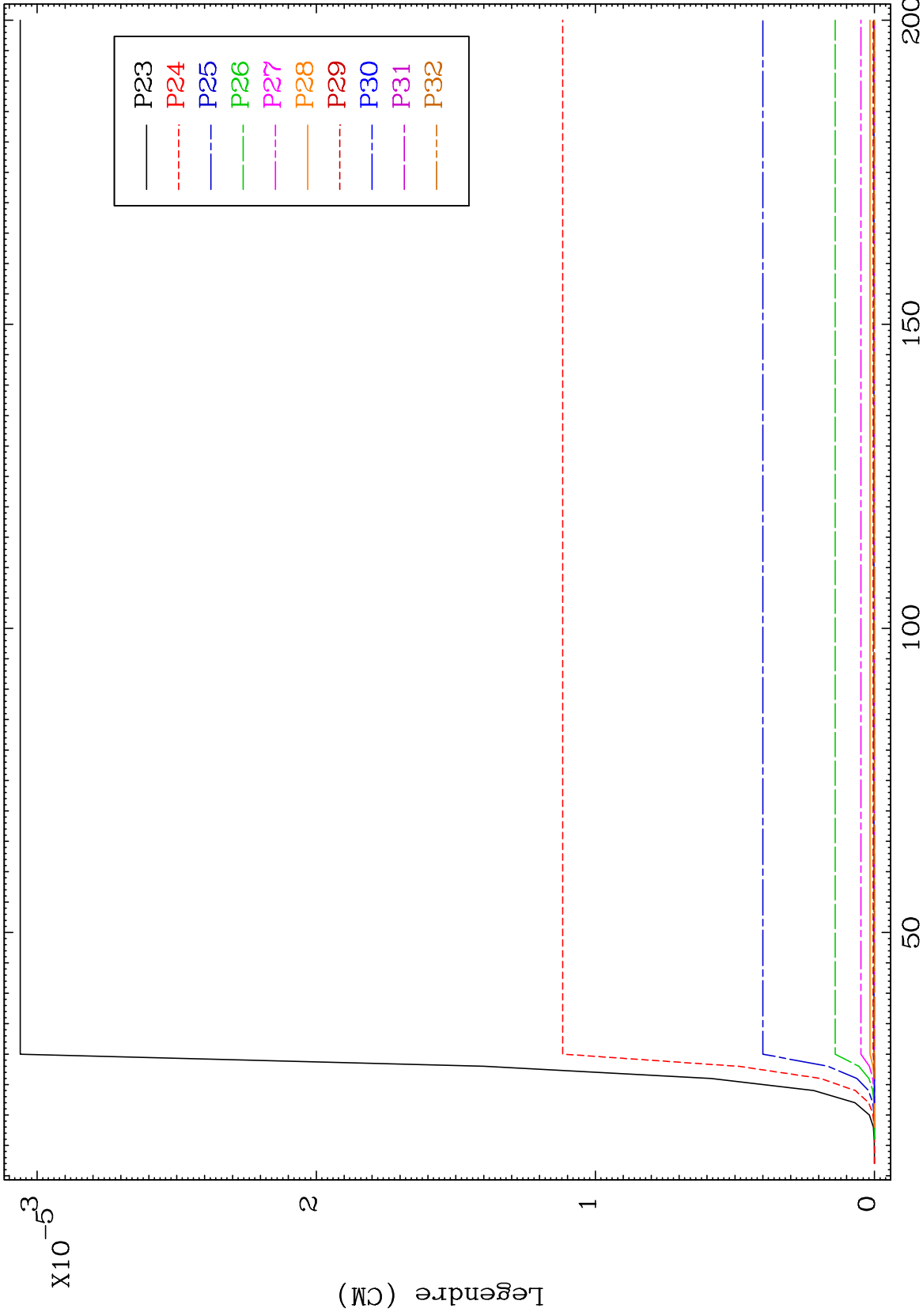
29-Cu-75



MAT 2961

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

29-Cu-75

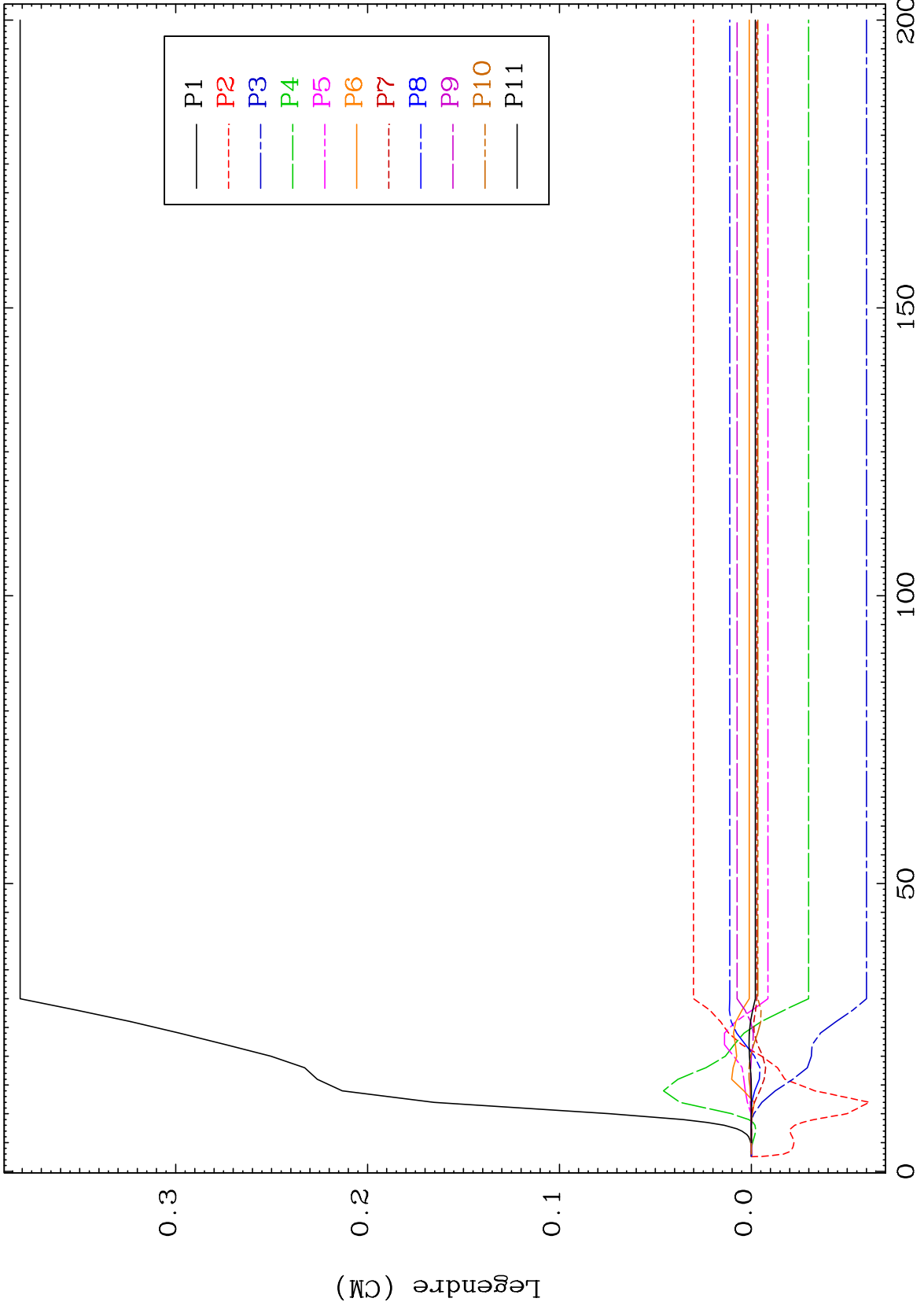


108

Incident Energy (MeV)

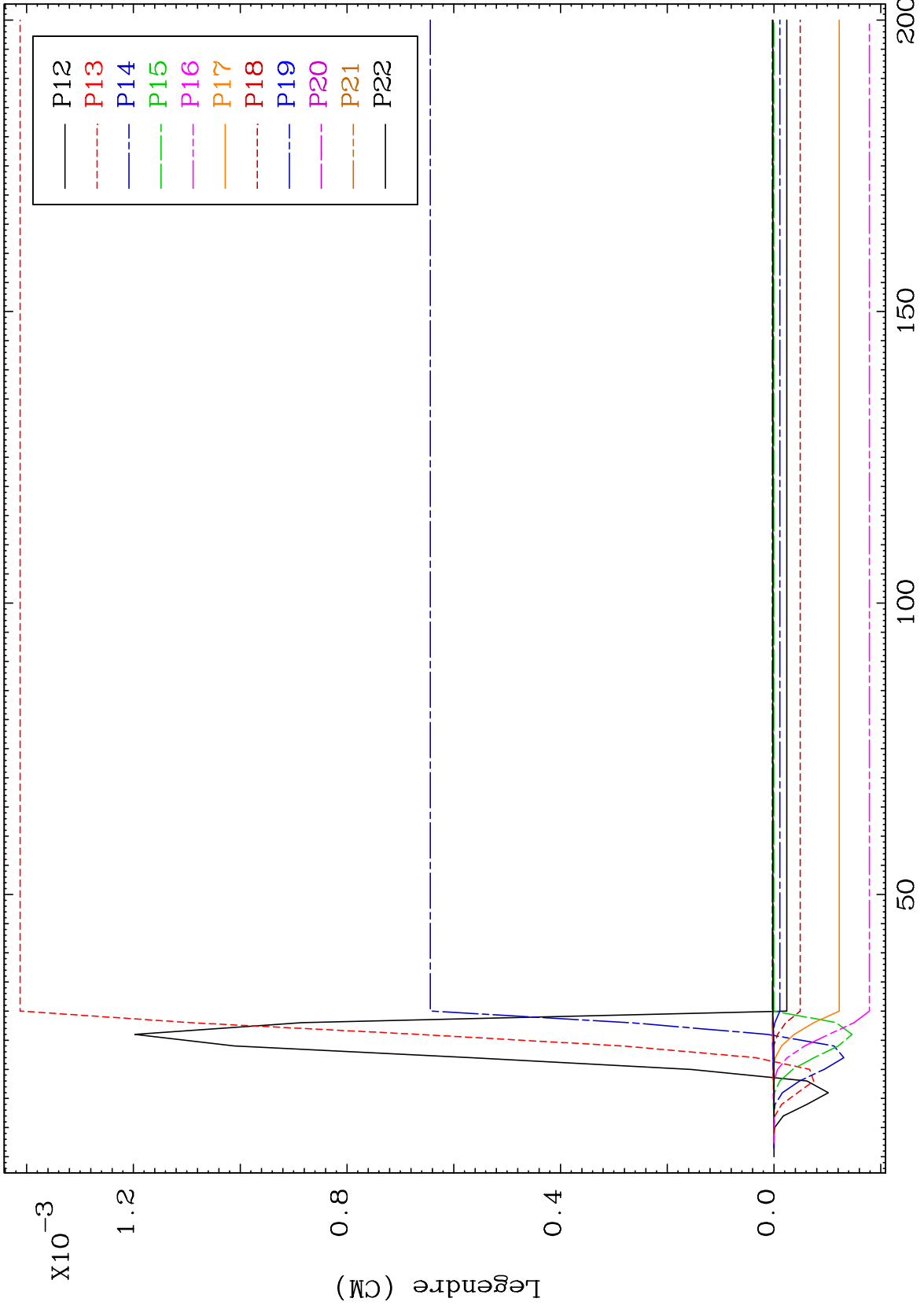
29-Cu-75

MAT 2961 MT= 78 (n,n') Level Legendre Coefficients 29-Cu-75



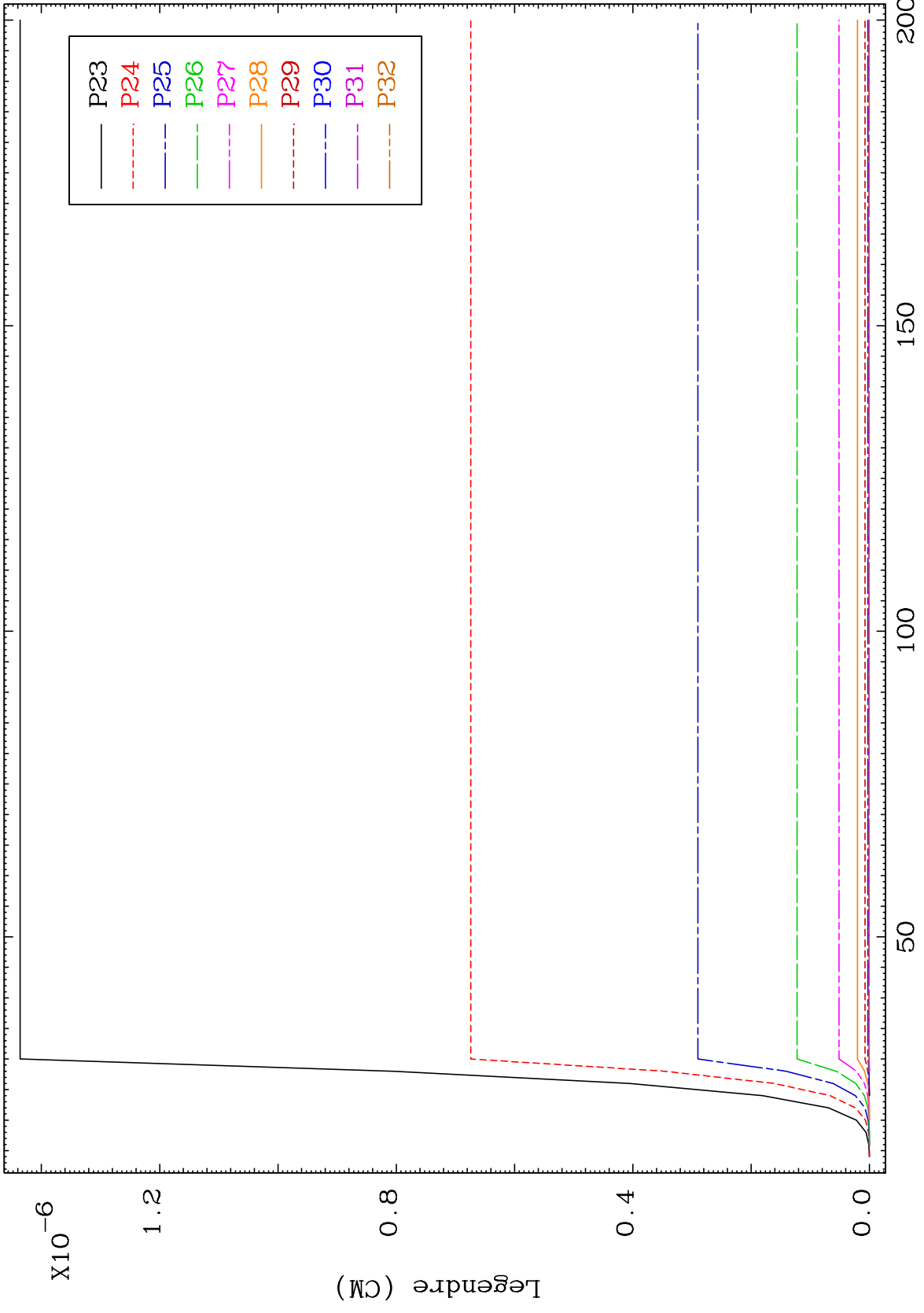
109 29-Cu-75

MAT 2961 MT= 78 (n,n') Level Legendre Coefficients 29-Cu-75



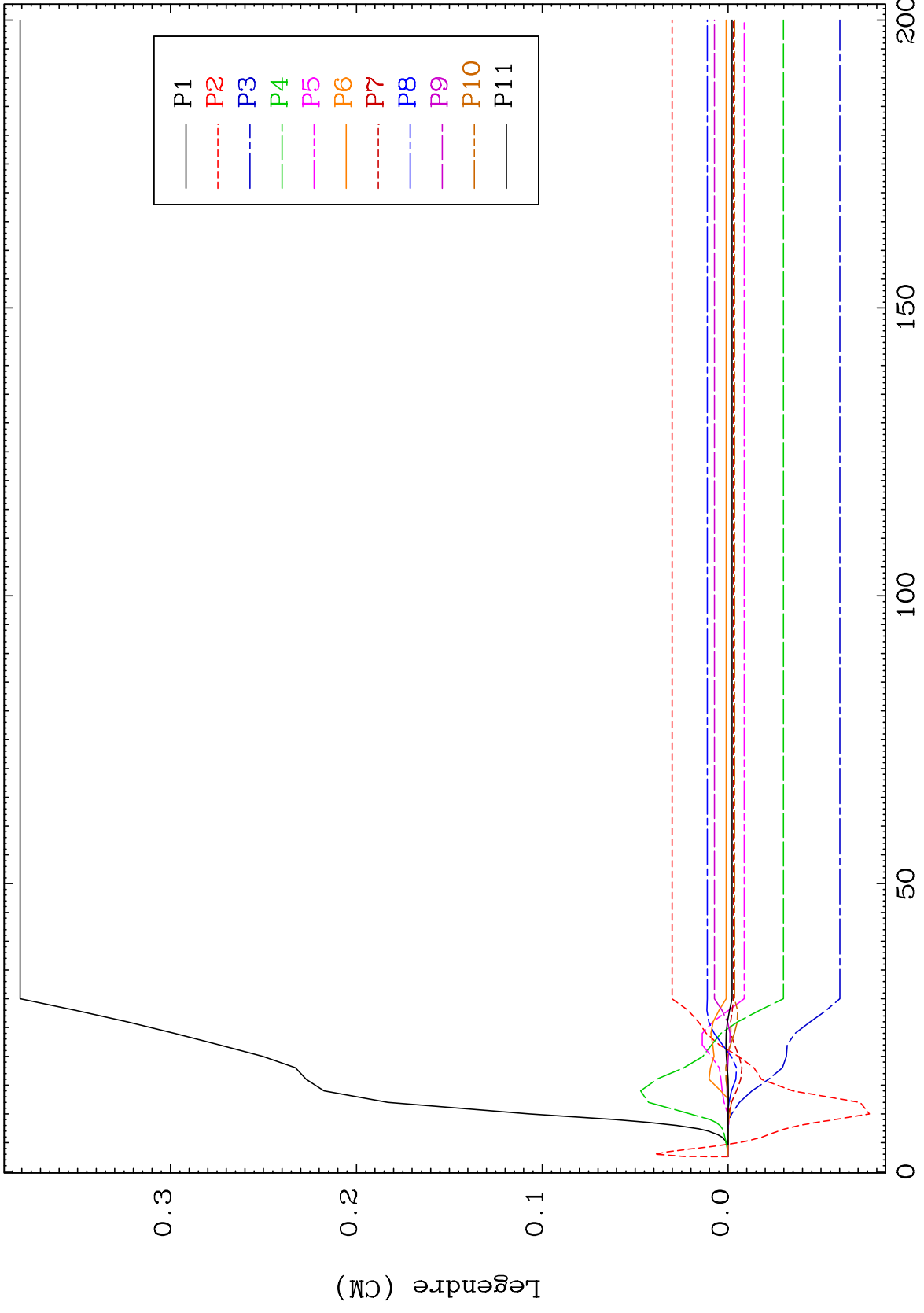
110 29-Cu-75

MAT 2961 MT= 78 (n,n') Level Legendre Coefficients 29-Cu-75



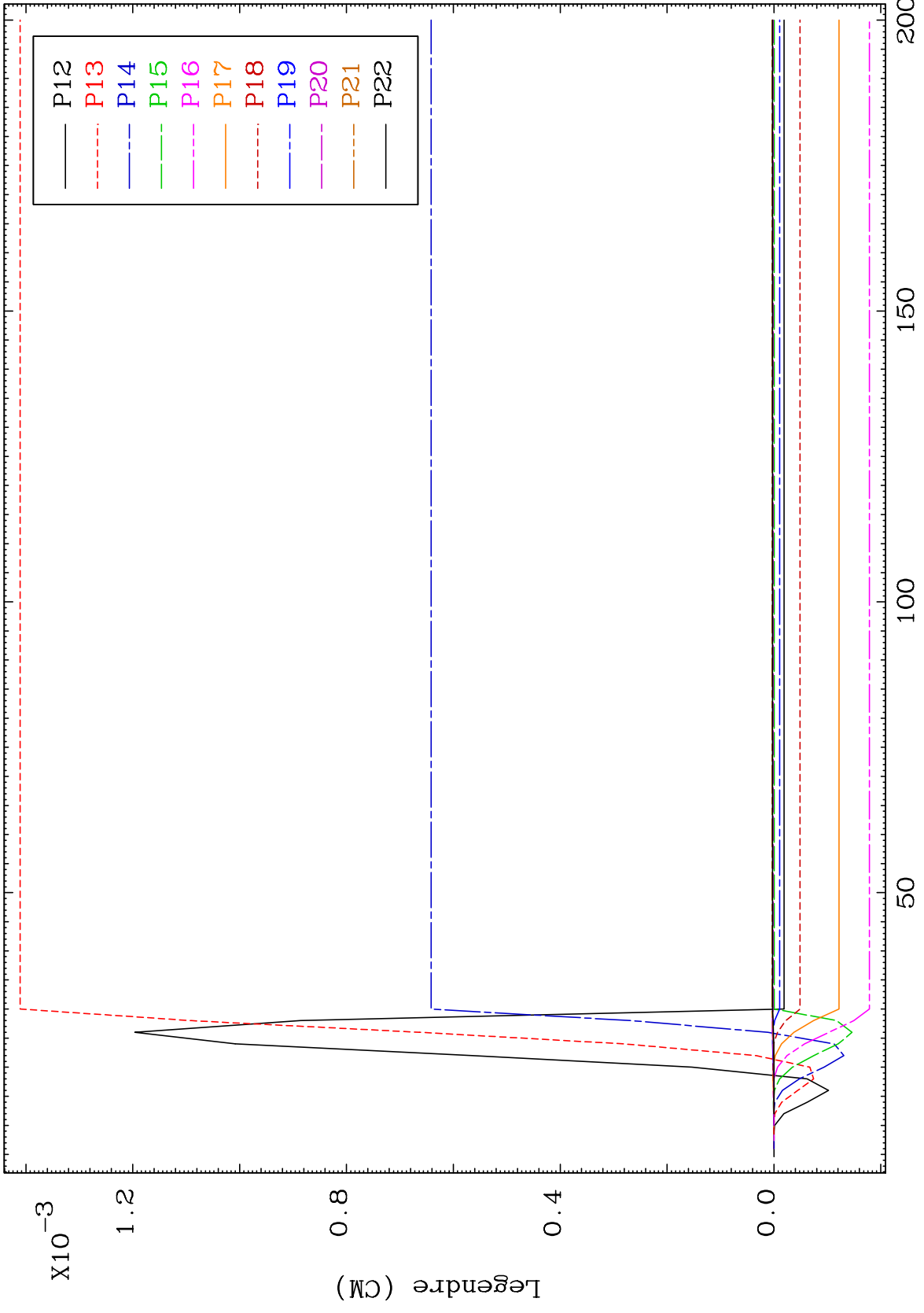
111 29-Cu-75

MAT 2961 MT= 79 (n,n') Level Legendre Coefficients 29-Cu-75

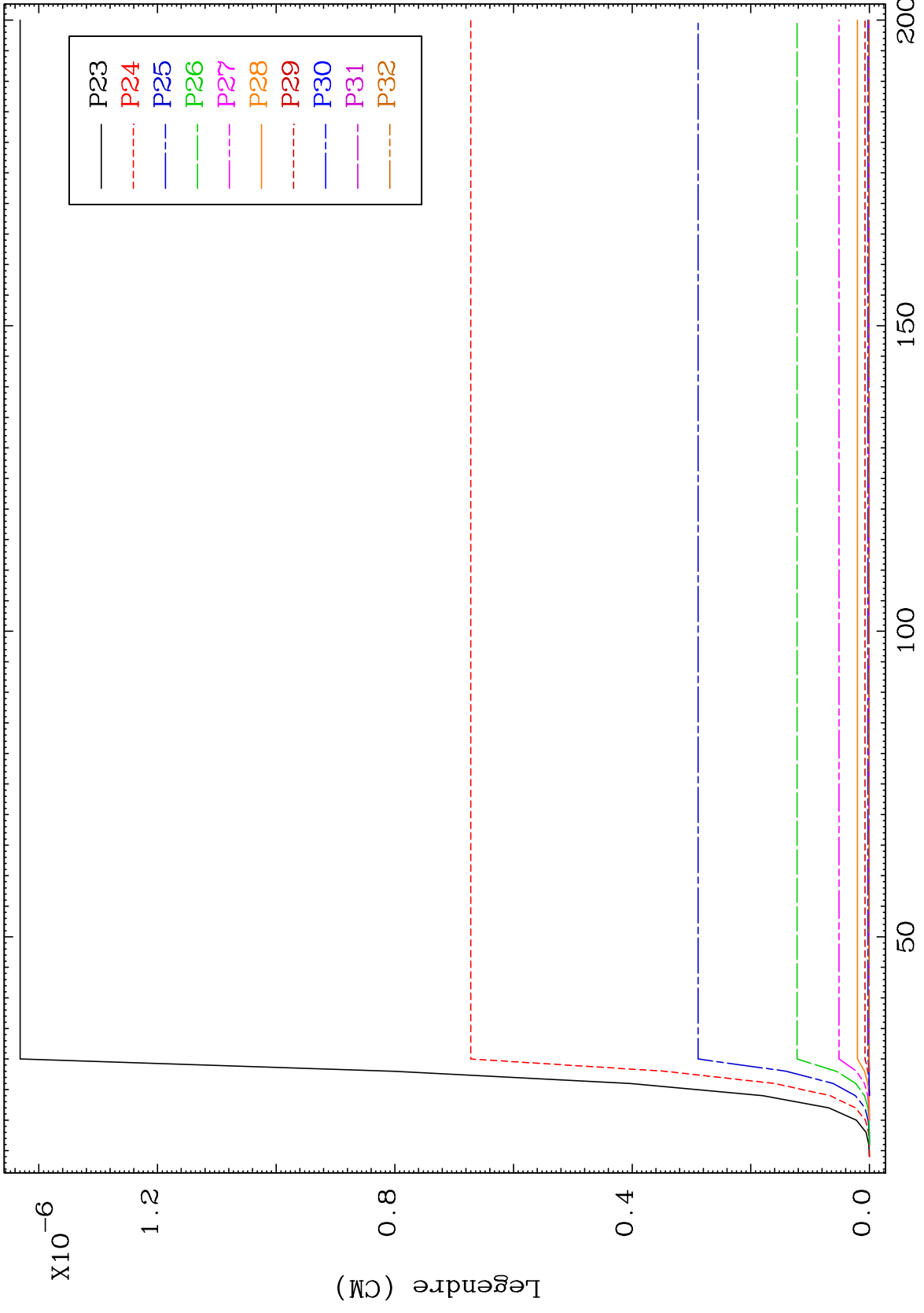


112 29-Cu-75

MAT 2961 MT= 79 (n,n') Level Legendre Coefficients 29-Cu-75

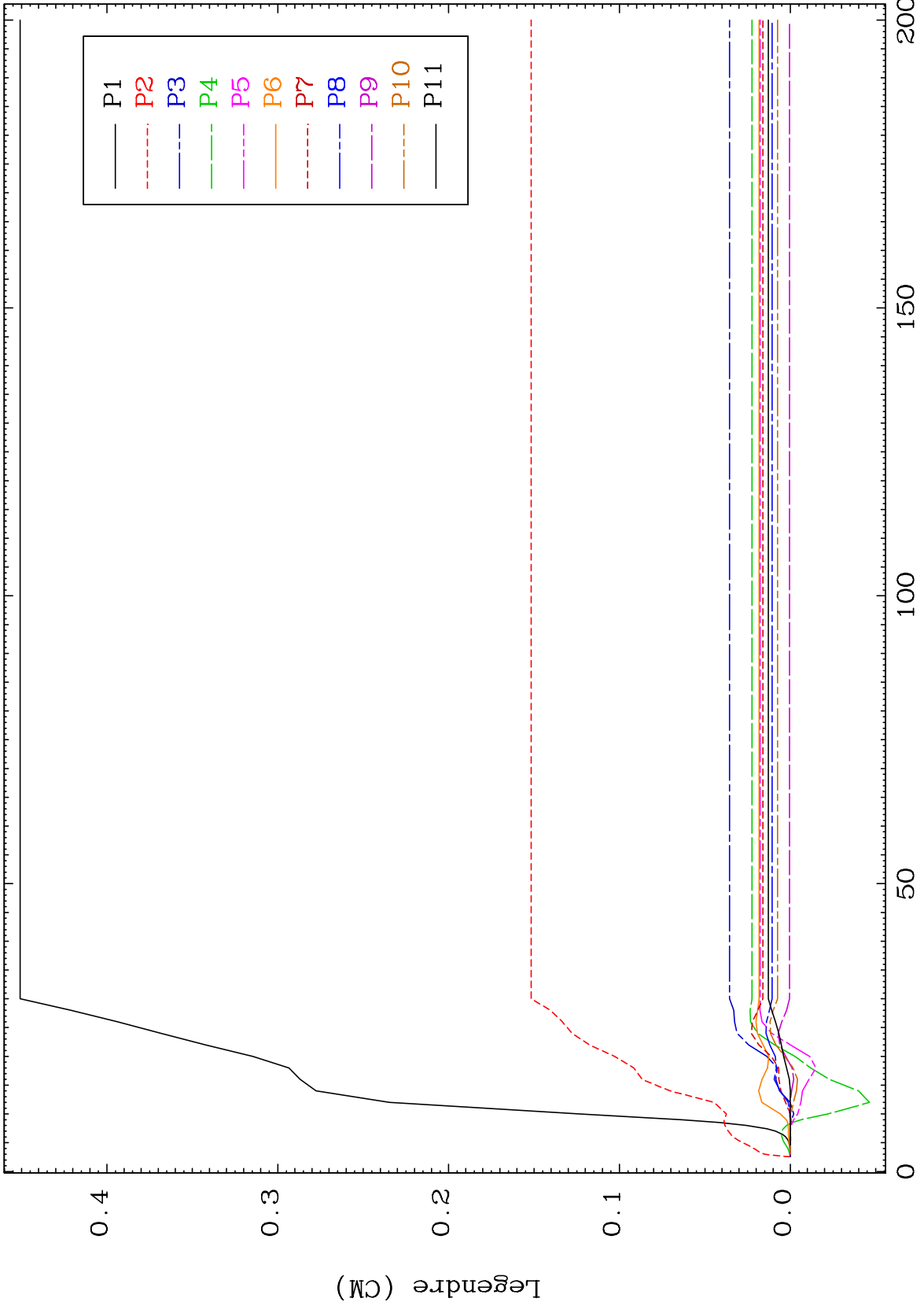


MAT 2961 MT= 79 (n,n') Level Legendre Coefficients 29-Cu-75



114 29-Cu-75

MAT 2961 MT= 80 (n,n') Level Legendre Coefficients 29-Cu-75

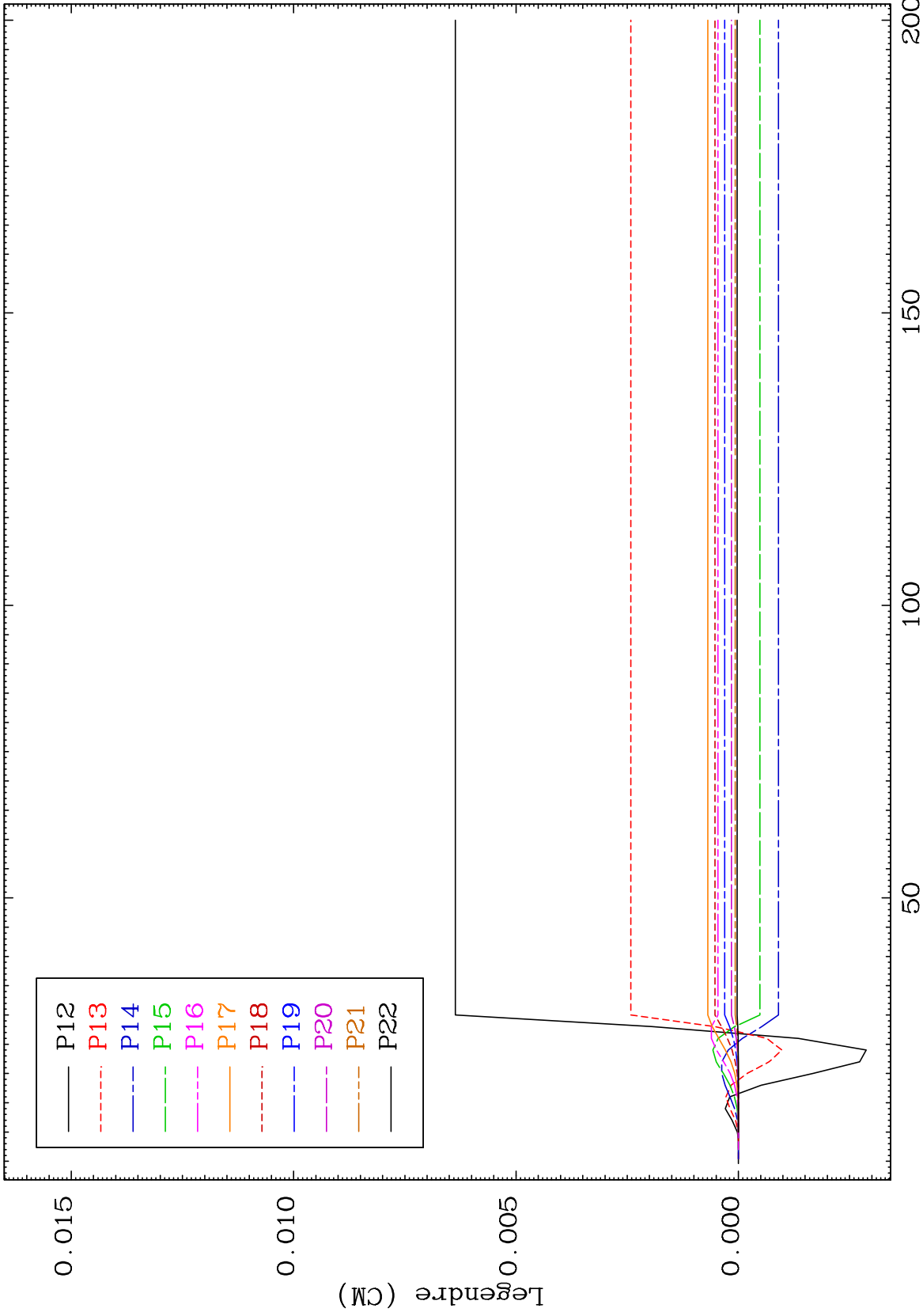


115 29-Cu-75

MAT 2961

MT= 80 (n,n') Level
Legendre Coefficients

29-Cu-75



116

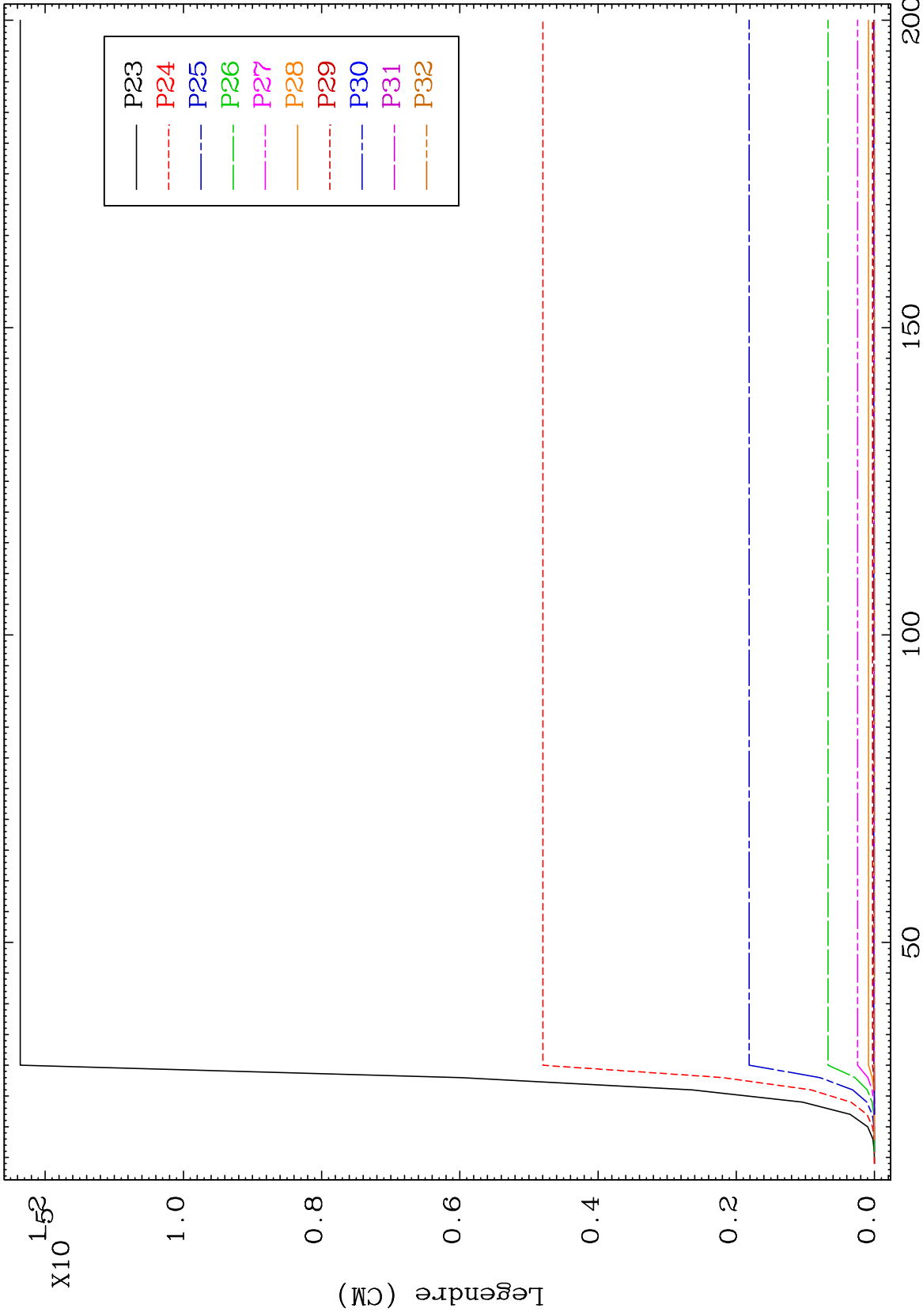
Incident Energy (MeV)

29-Cu-75

MAT 2961

MT= 80 (n,n') Level
Legendre Coefficients

29-Cu-75



117

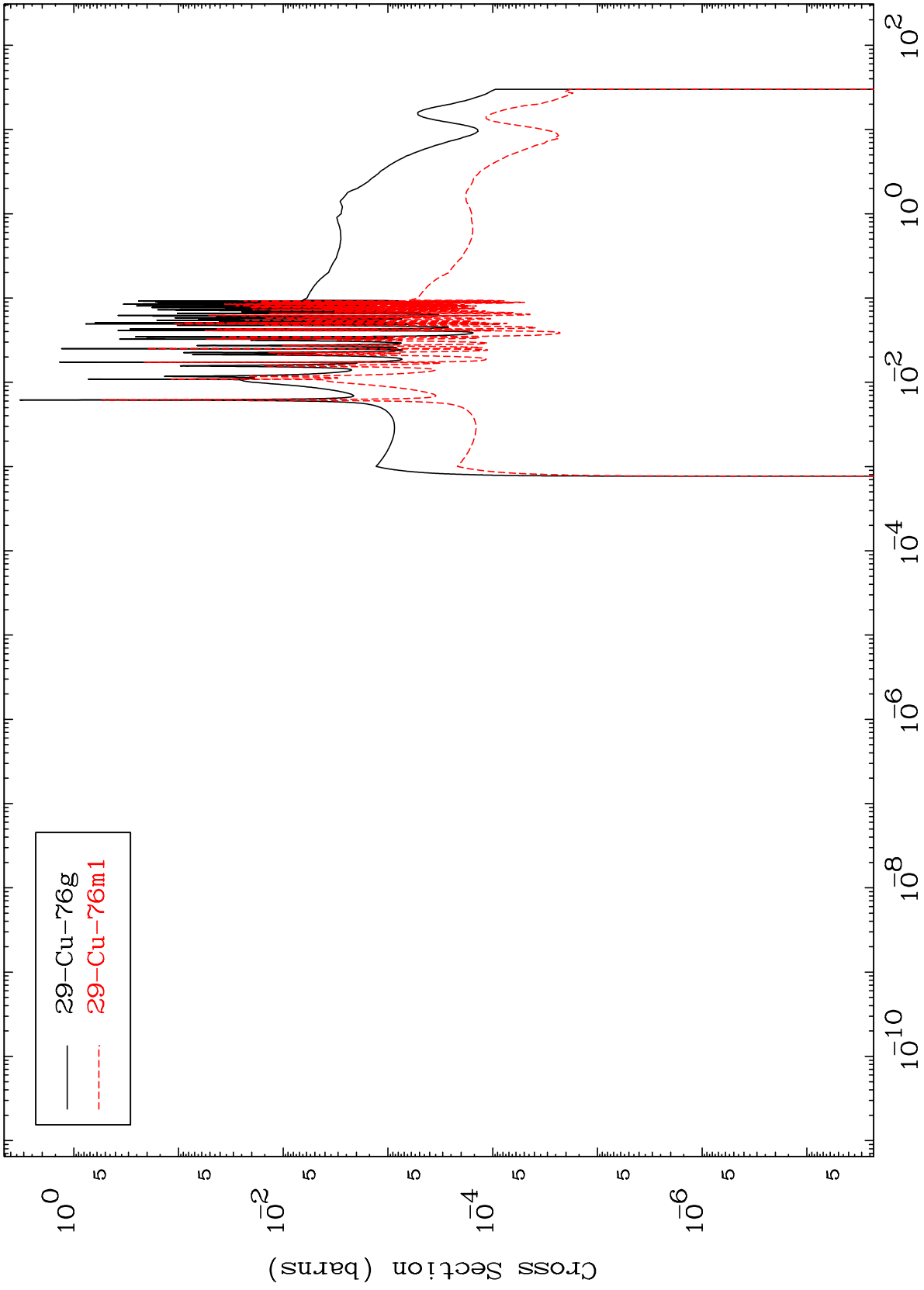
Incident Energy (MeV)

29-Cu-75

MAT 2961

Radionuclide Production Cross Section
(n, γ)

²⁹Cu-75



118

²⁹Cu-75