

Program EVALPLOT
(Version 2018-1)

by

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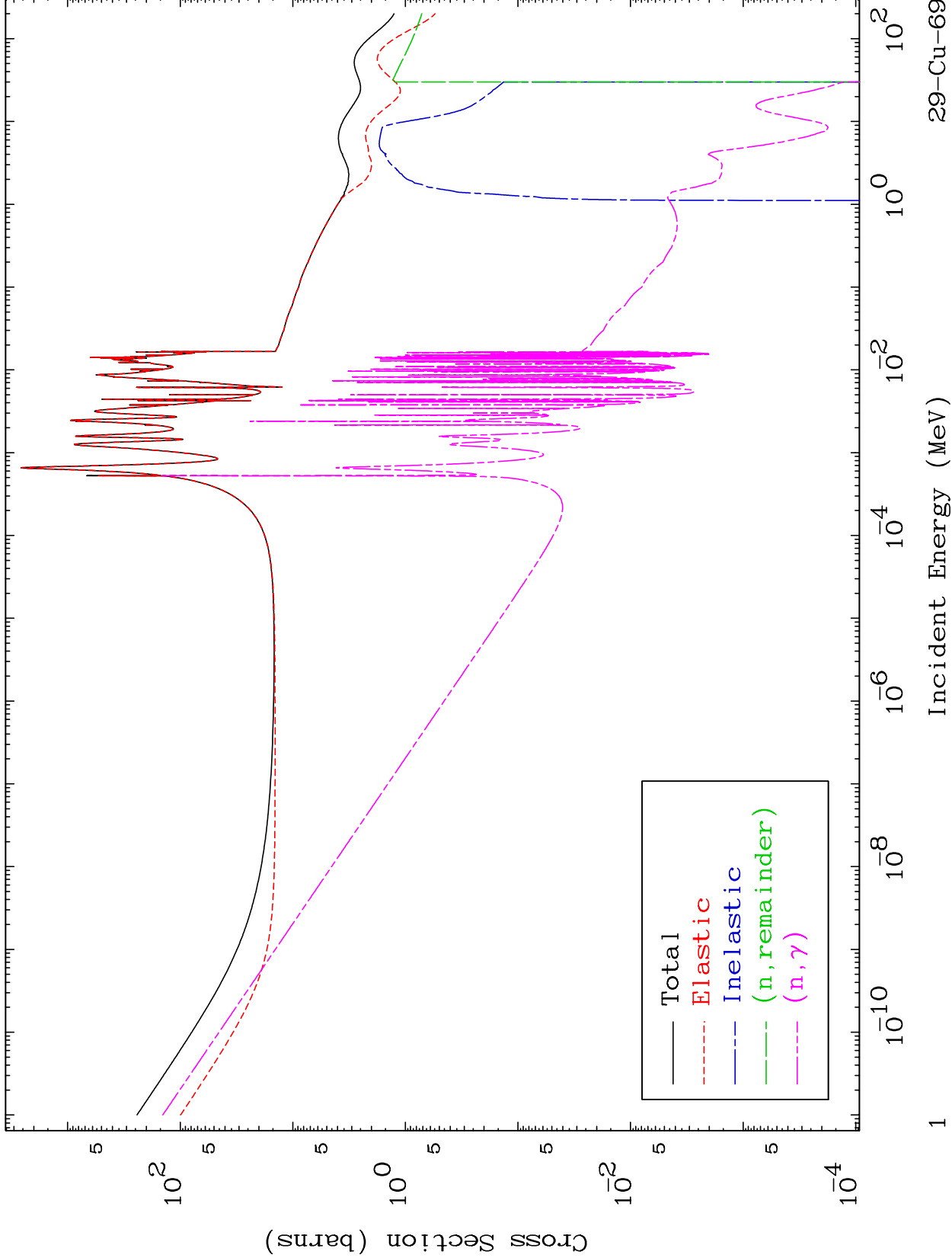
Press Mouse Button to Start

MAT 2943

Major

293 Kelvin Cross Sections

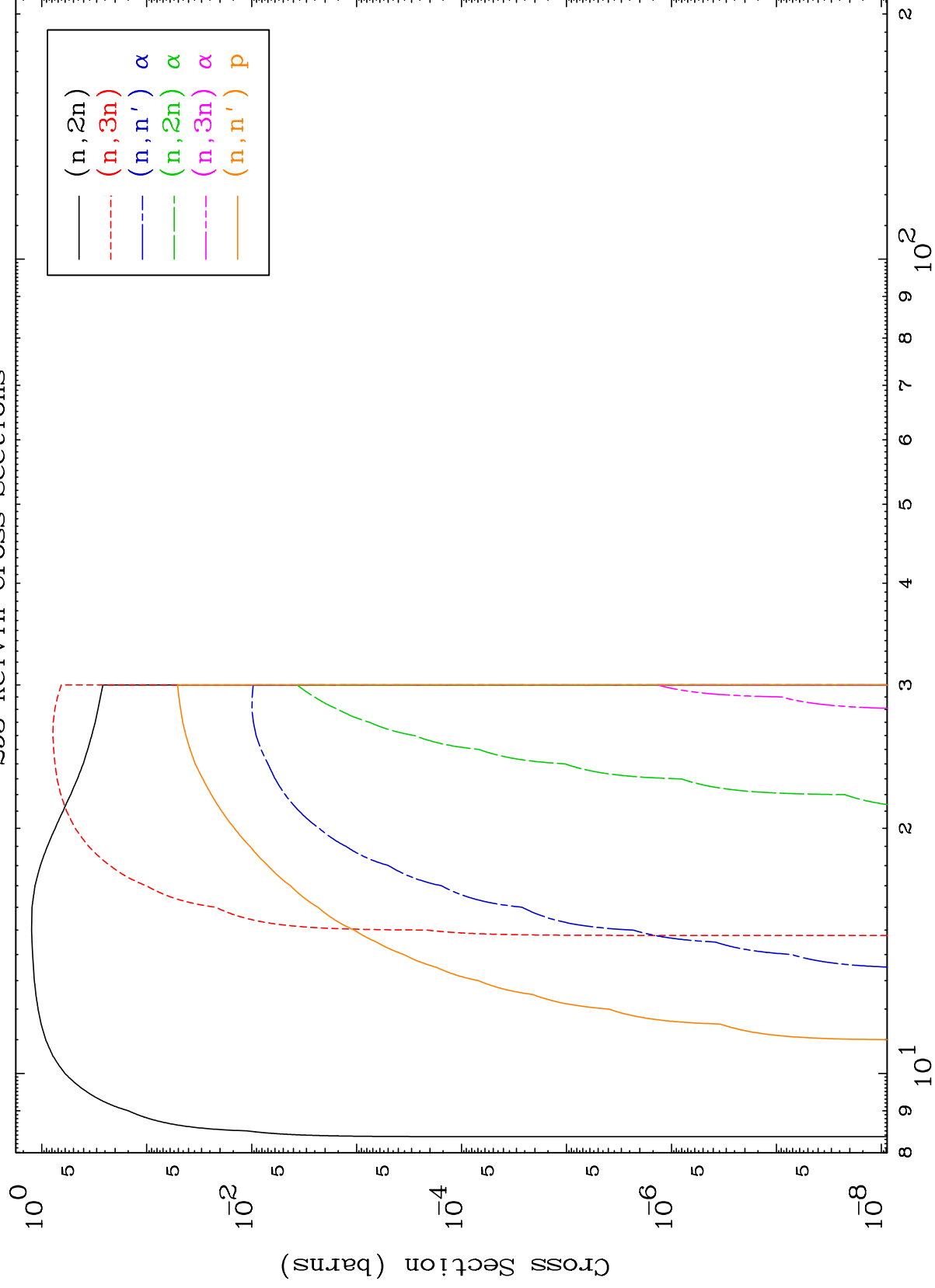
29-Cu-69



MAT 2943

Neutron Production
293 Kelvin Cross Sections

29-Cu-69



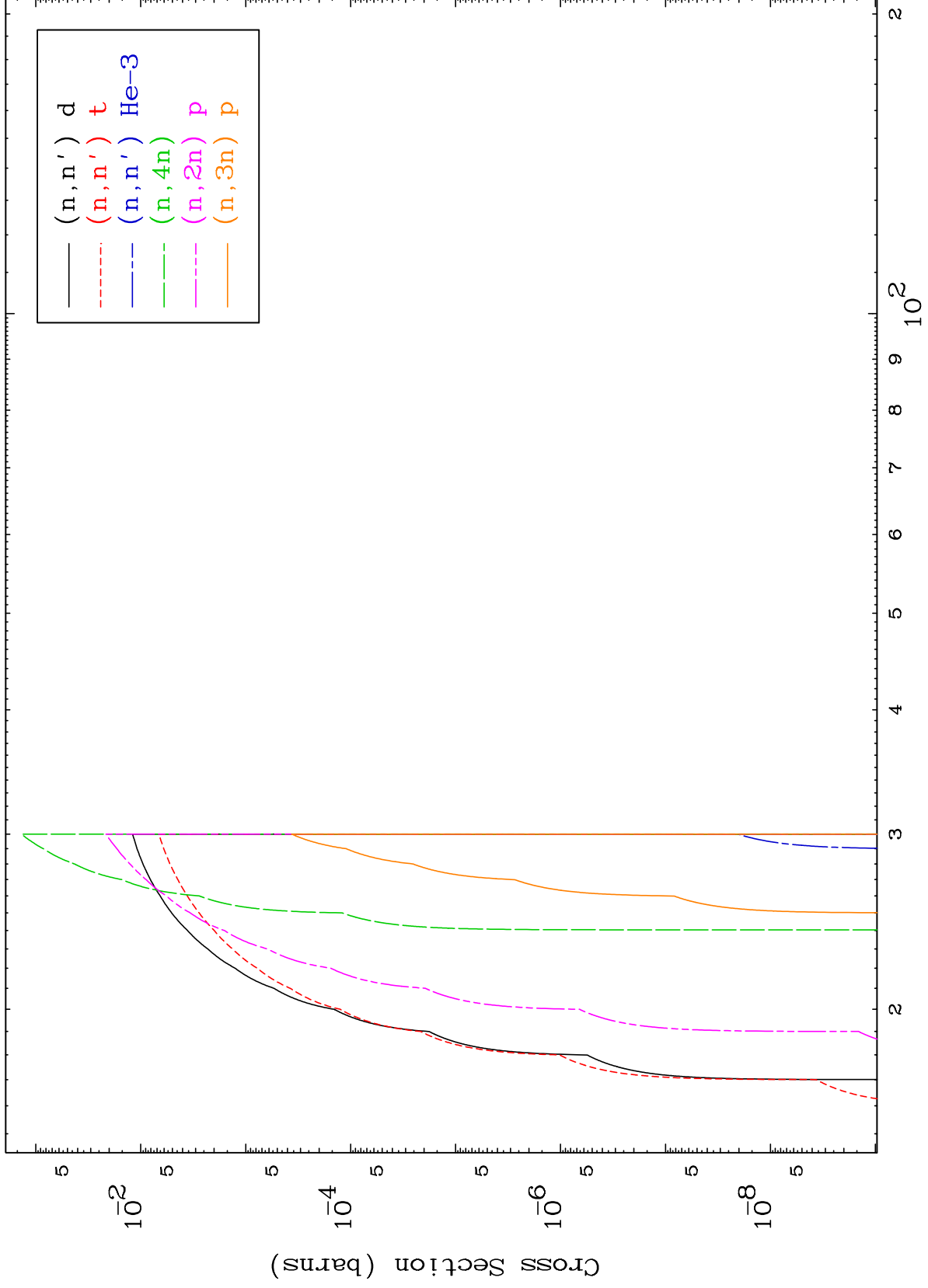
Incident Energy (MeV)

29-Cu-69

MAT 2943

Neutron Production
293 Kelvin Cross Sections

29-Cu-69



3

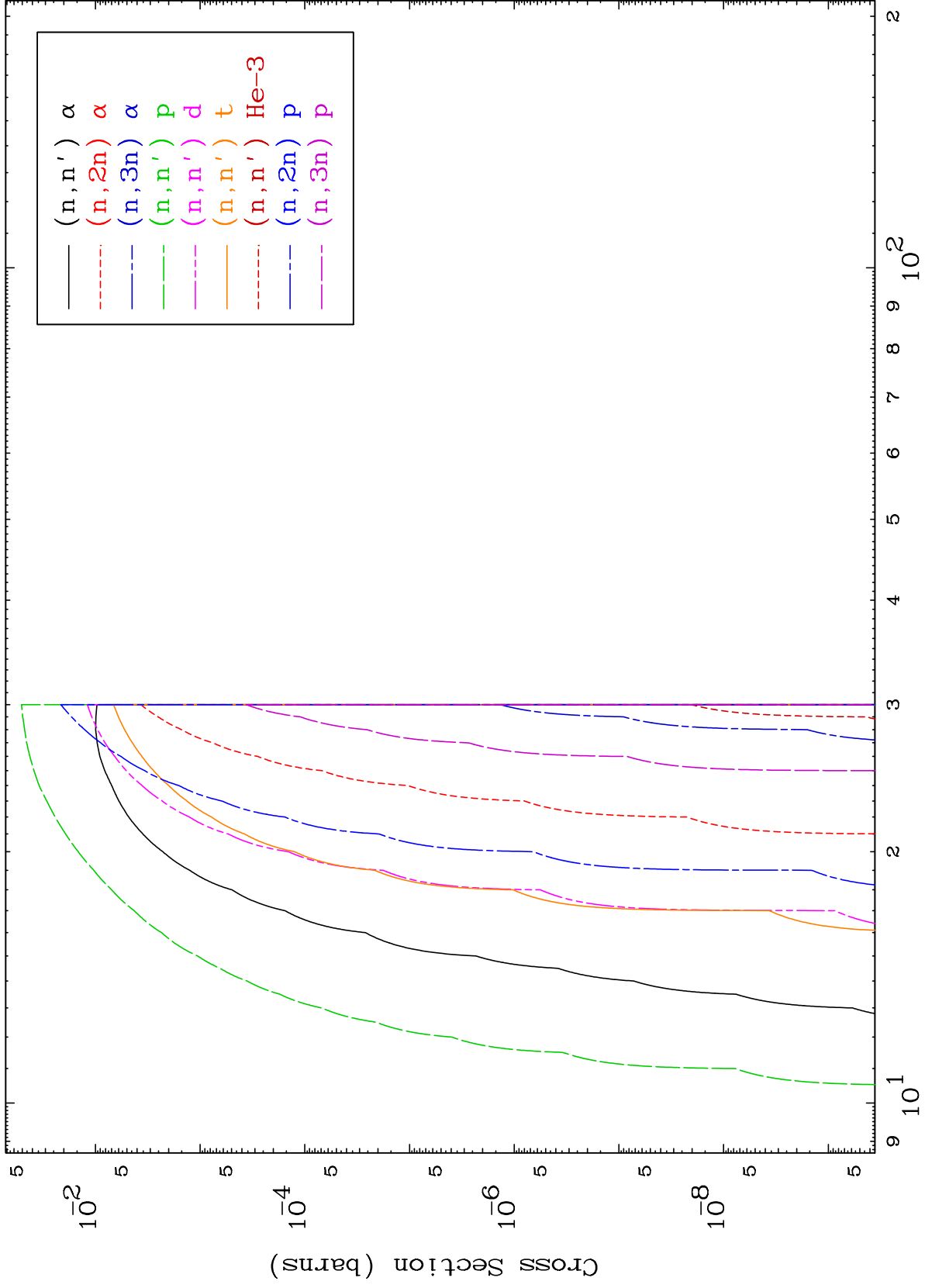
Incident Energy (MeV)

29-Cu-69

MAT 2943

Charged Particle
293 Kelvin Cross Sections

29-Cu-69



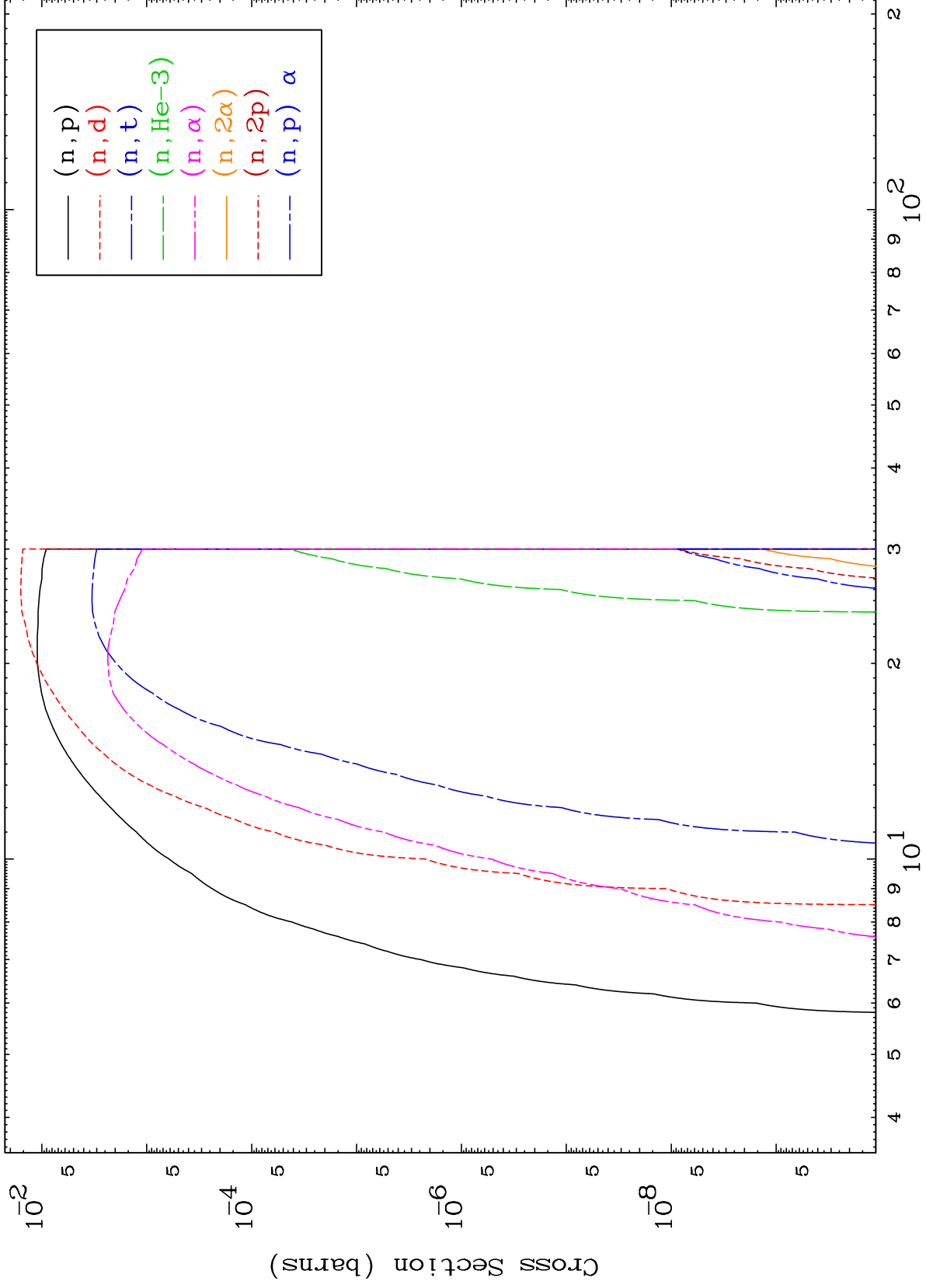
Incident Energy (MeV)

29-Cu-69

MAT 2943

Charged Particle
293 Kelvin Cross Sections

29-Cu-69



5

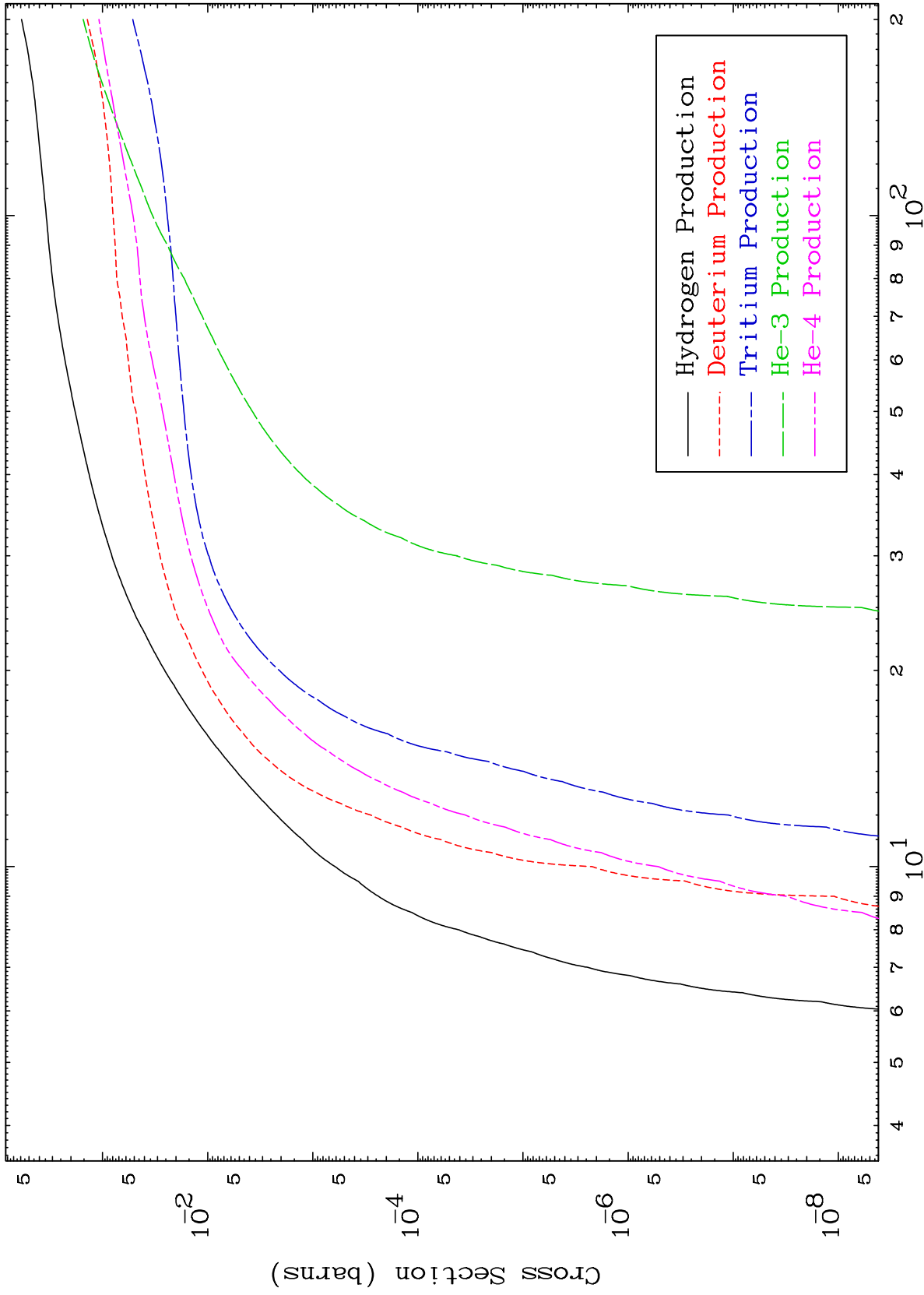
Incident Energy (MeV)

29-Cu-69

MAT 2943

Particle Production
293 Kelvin Cross Sections

29-Cu-69

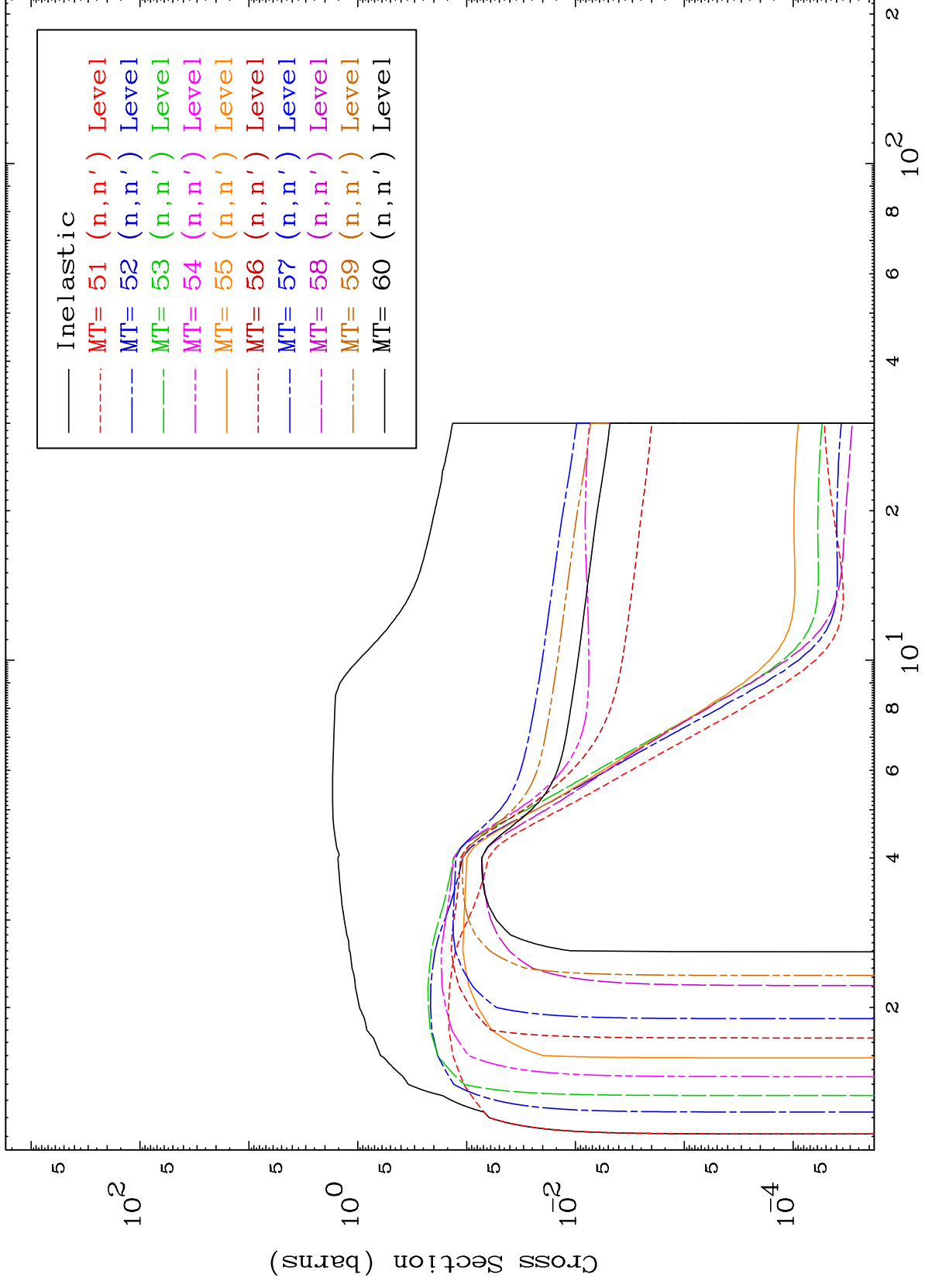


6

Incident Energy (MeV)

29-Cu-69

293 Kelvin Cross Sections

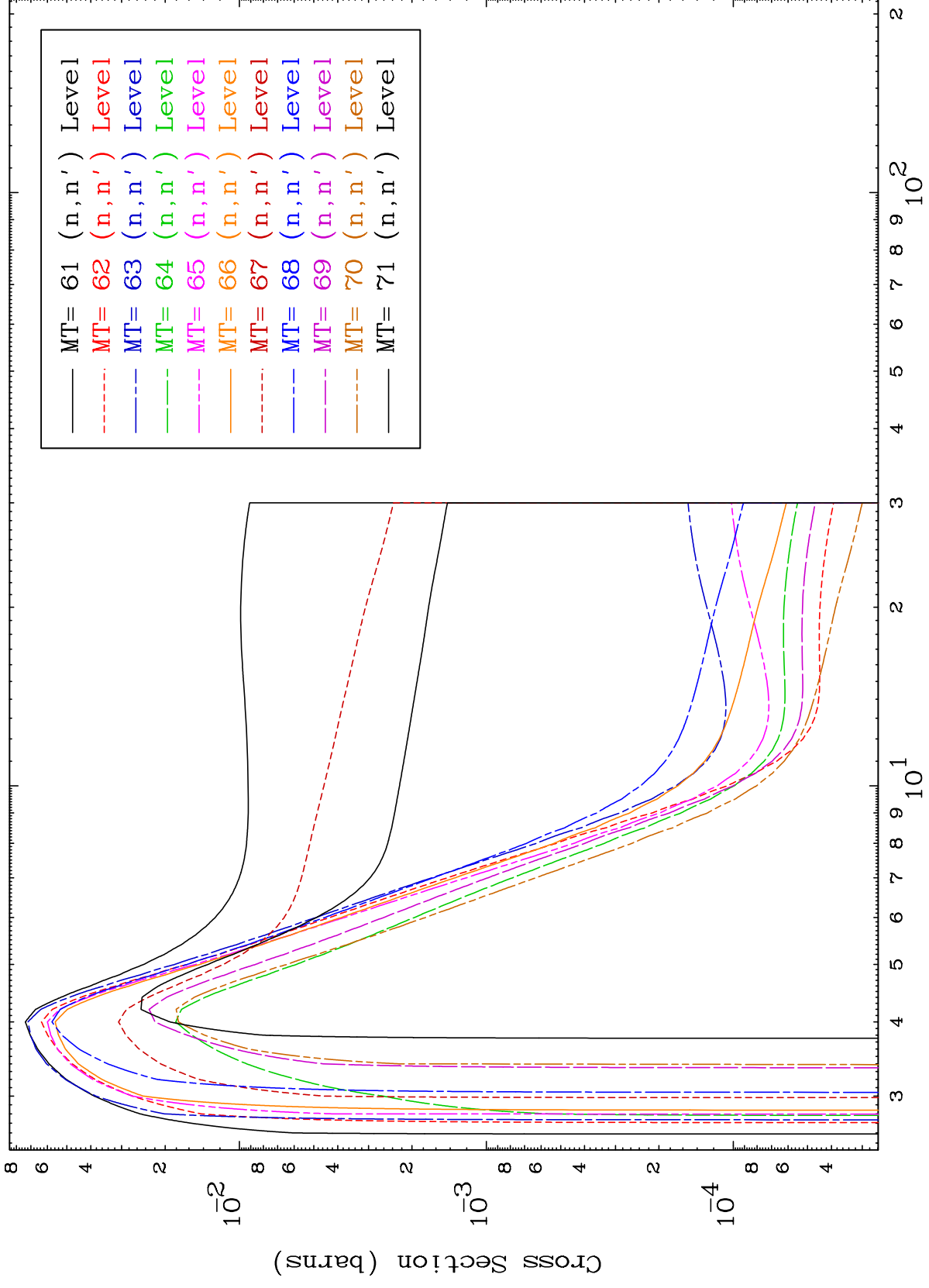


MAT 2943

(n,n') Level

29-Cu-69

293 Kelvin Cross Sections



Incident Energy (MeV)

29-Cu-69

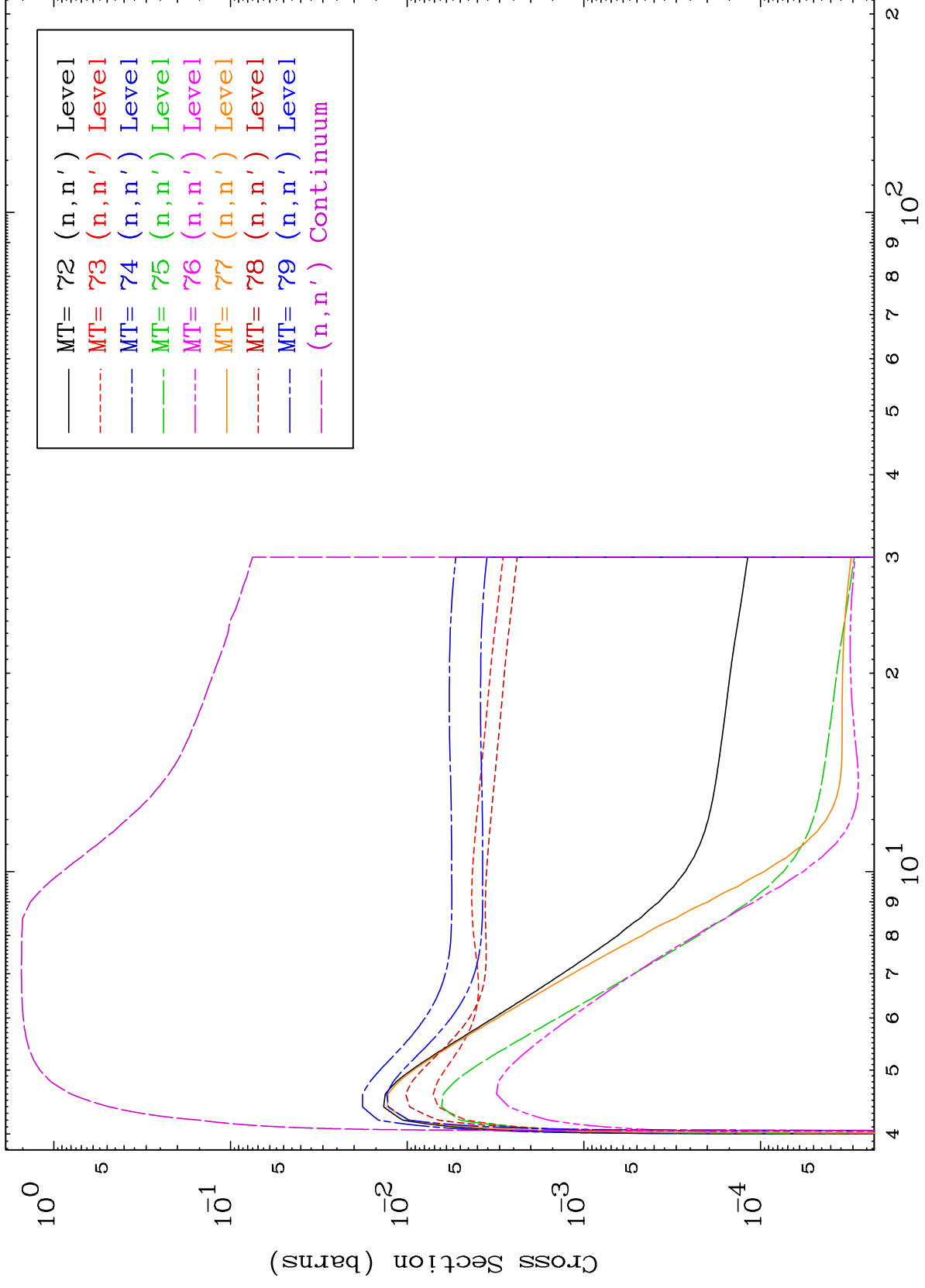
8

MAT 2943

(n,n') Level

29-Cu-69

293 Kelvin Cross Sections



9

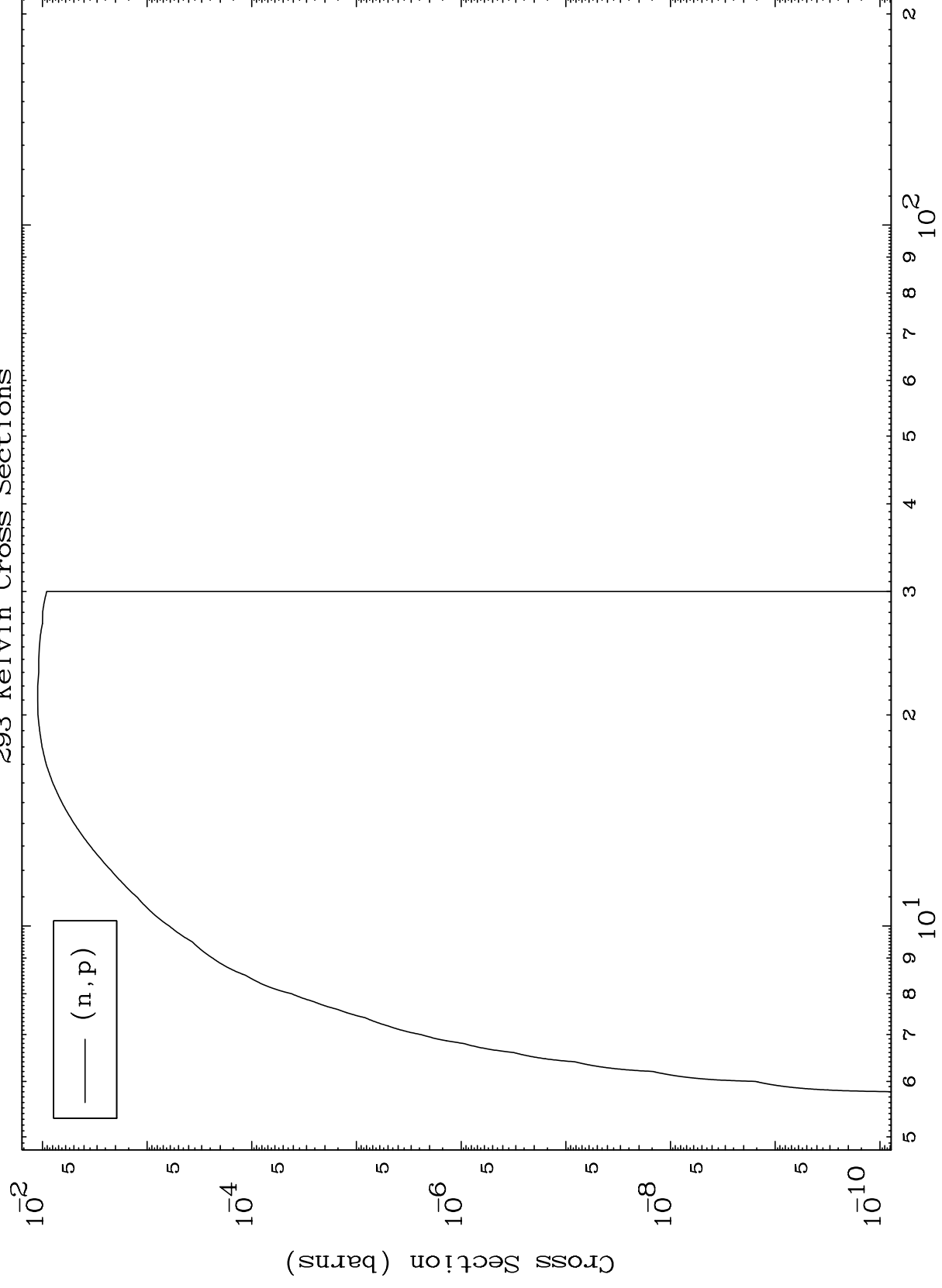
Incident Energy (MeV)

29-Cu-69

MAT 2943

(n,p) Levels
293 Kelvin Cross Sections

29-Cu-69



(n,p)

29-Cu-69

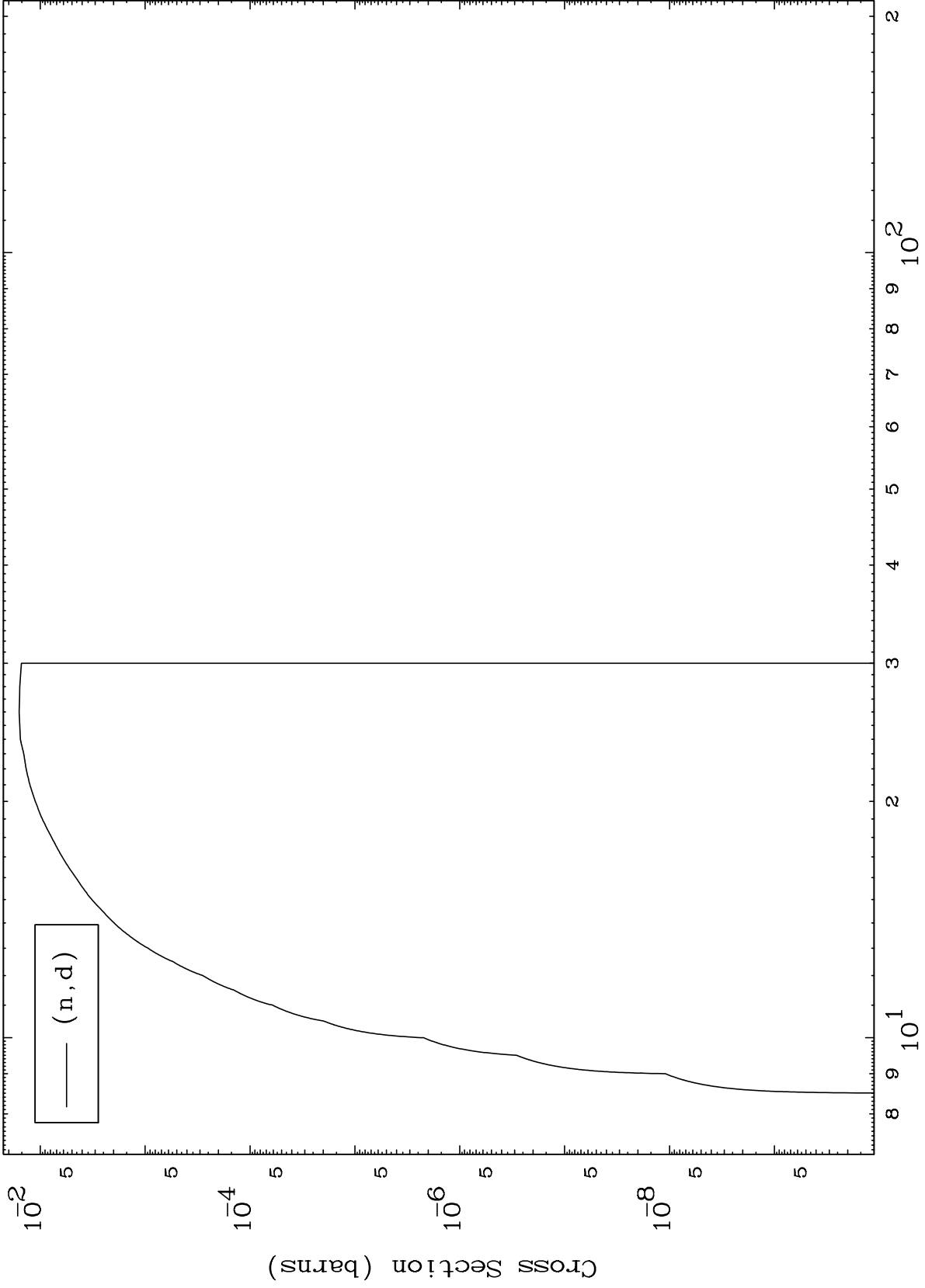
Incident Energy (MeV)

10

MAT 2943

(n,d) Levels
293 Kelvin Cross Sections

29-Cu-69



11

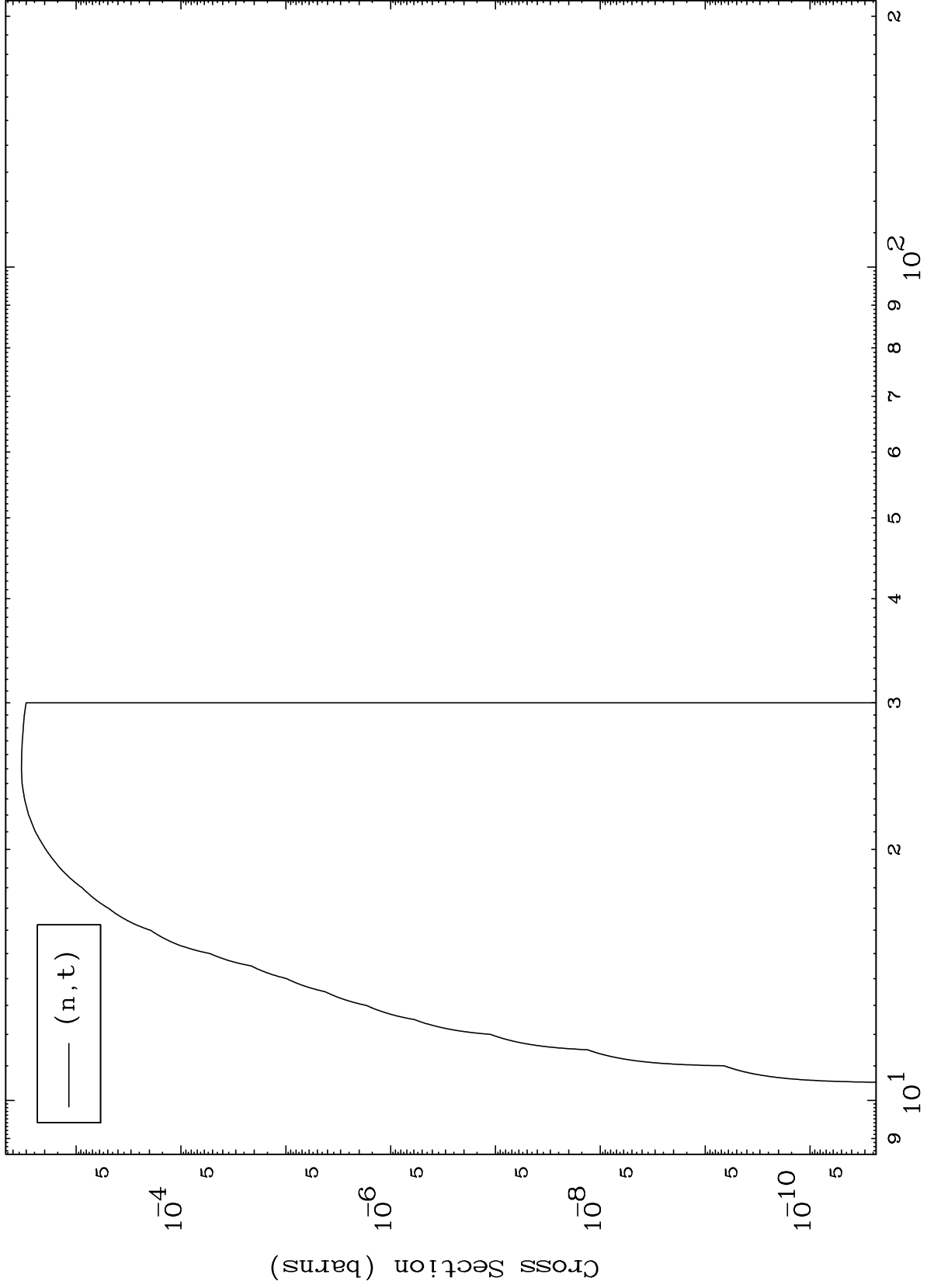
Incident Energy (MeV)

29-Cu-69

MAT 2943

(n,t) Levels
293 Kelvin Cross Sections

29-Cu-69



12

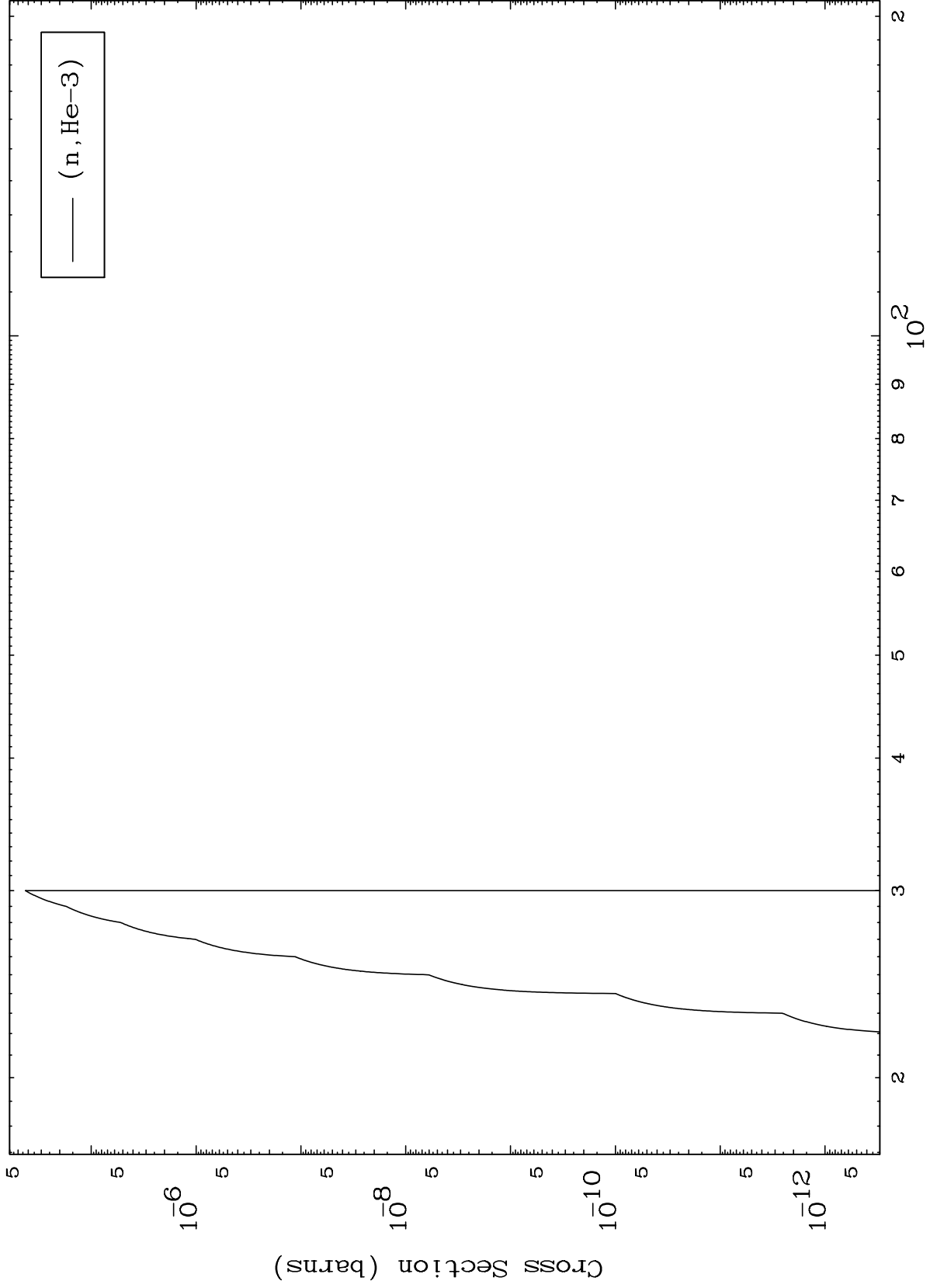
Incident Energy (MeV)

29-Cu-69

MAT 2943

(n,He3) Levels
293 Kelvin Cross Sections

29-Cu-69



13

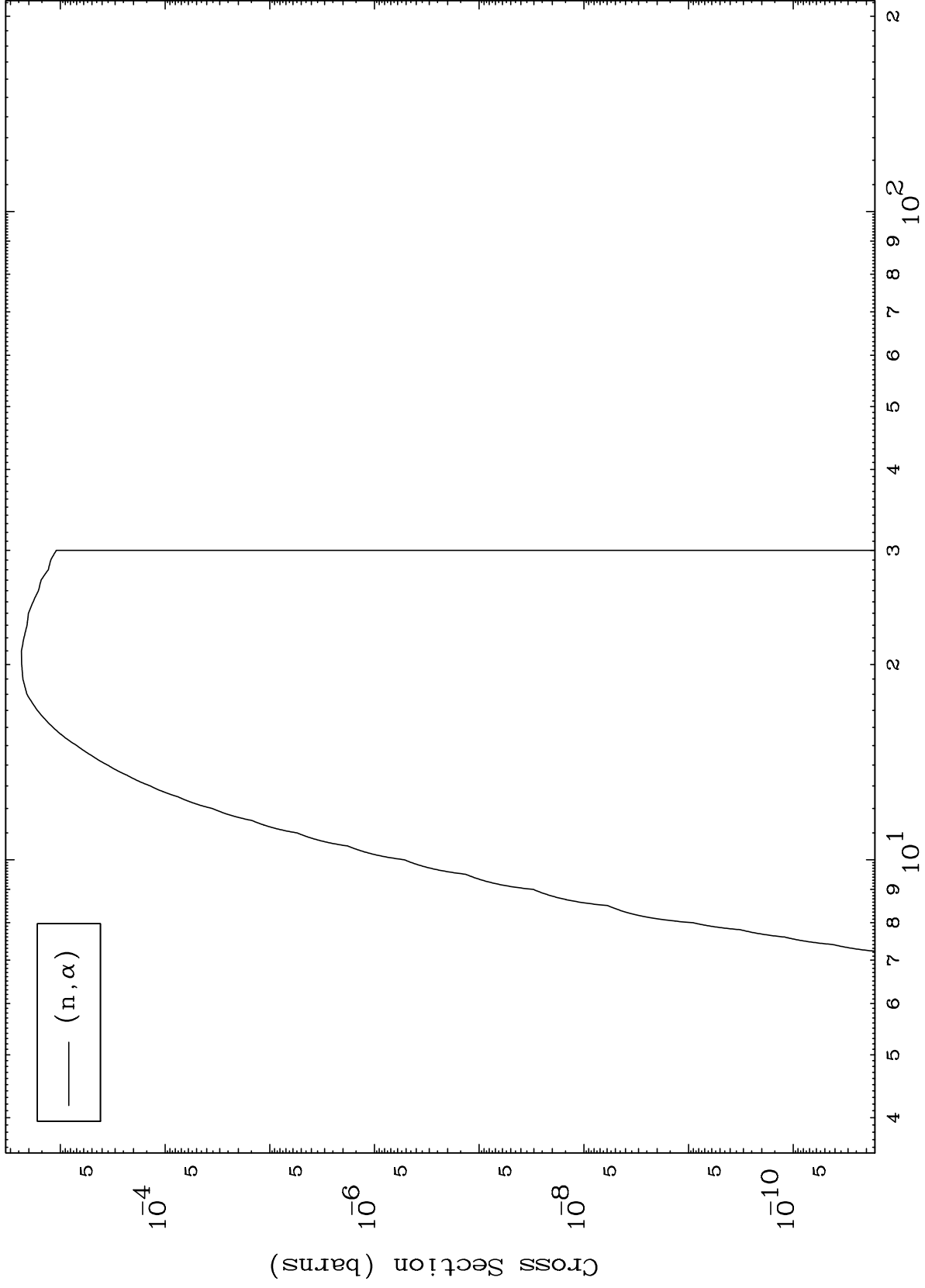
Incident Energy (MeV)

29-Cu-69

MAT 2943

(n, α) Levels
293 Kelvin Cross Sections

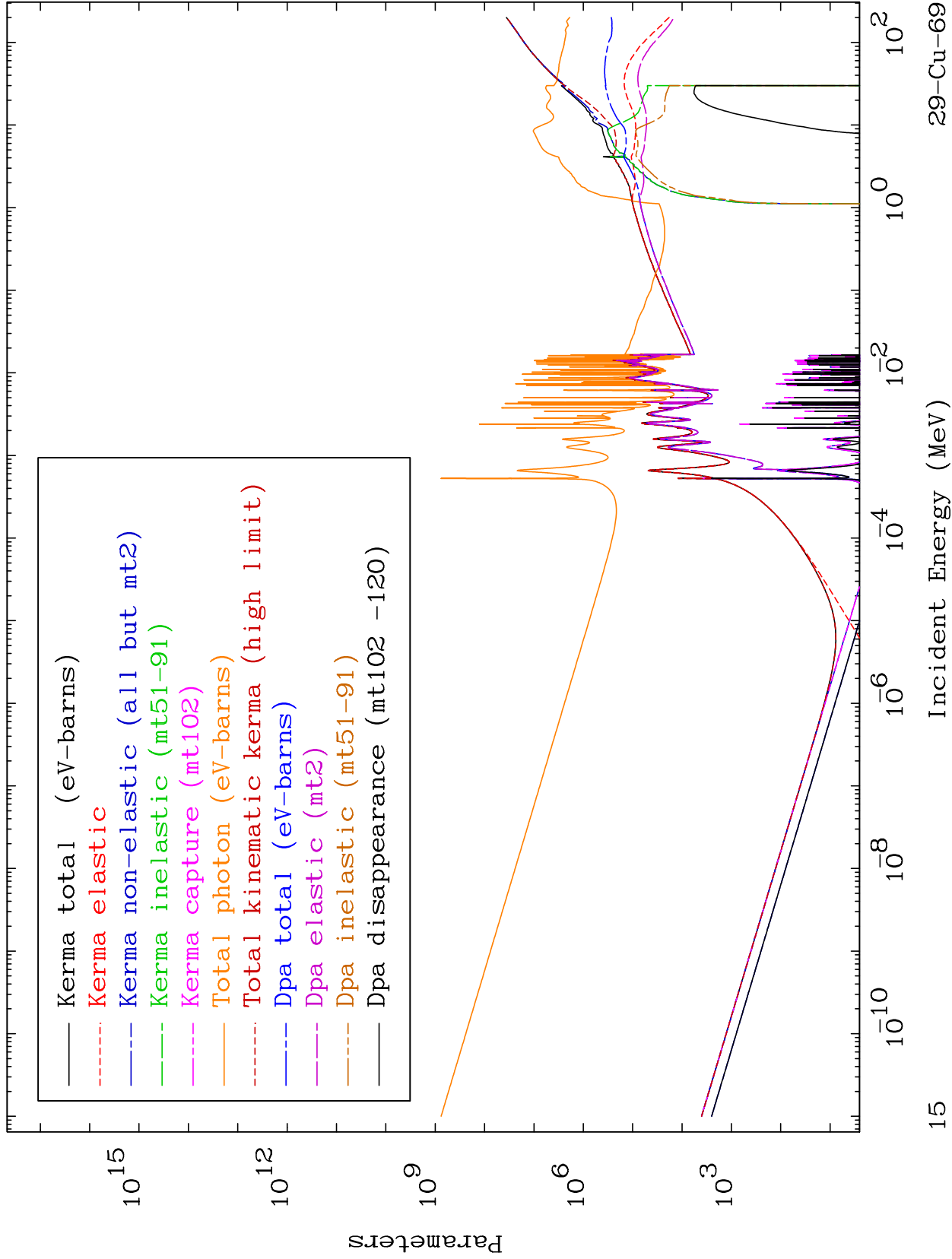
29-Cu-69



14

Incident Energy (MeV)

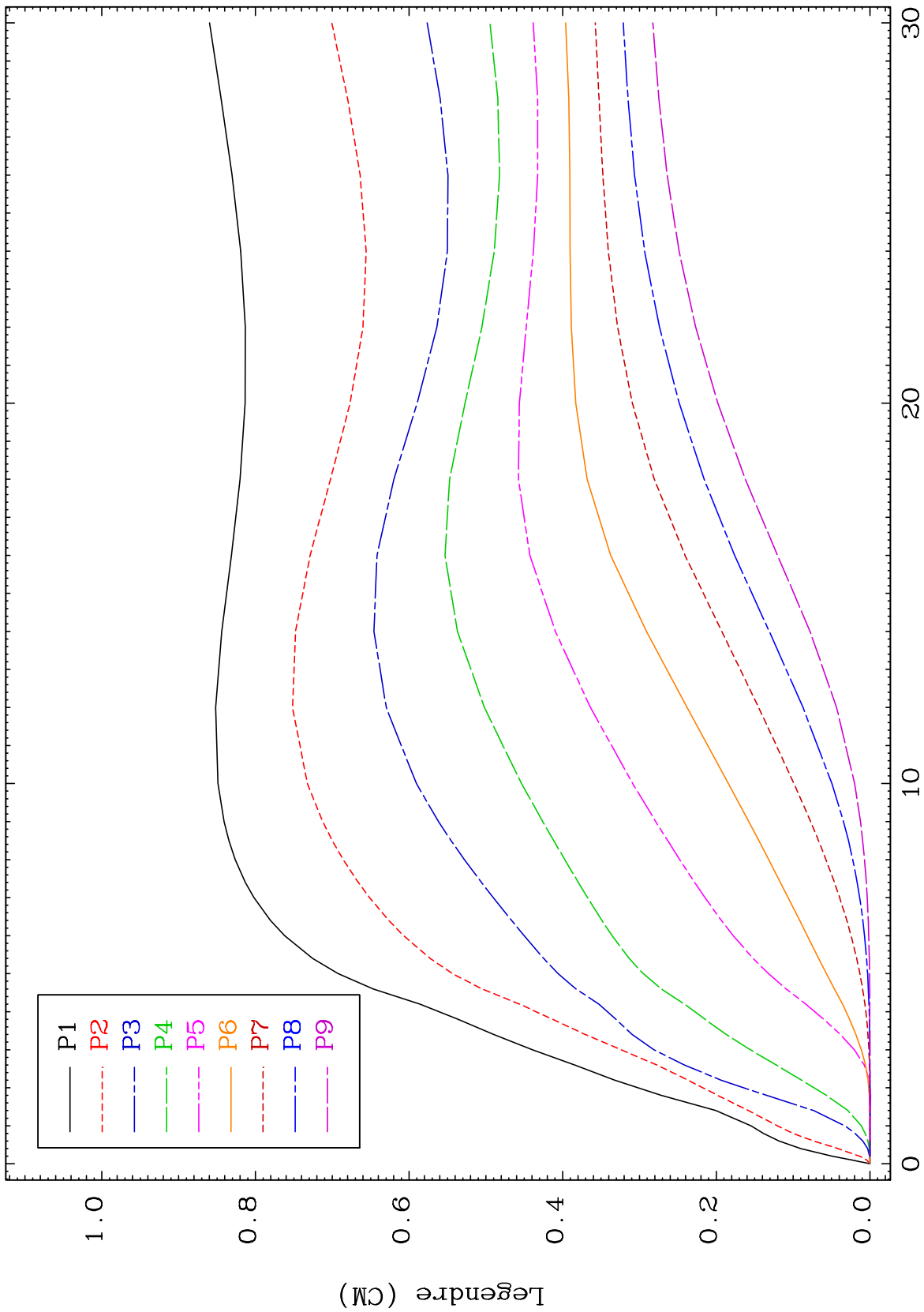
29-Cu-69



MAT 2943

Elastic Legendre Coefficients

29-Cu-69



16

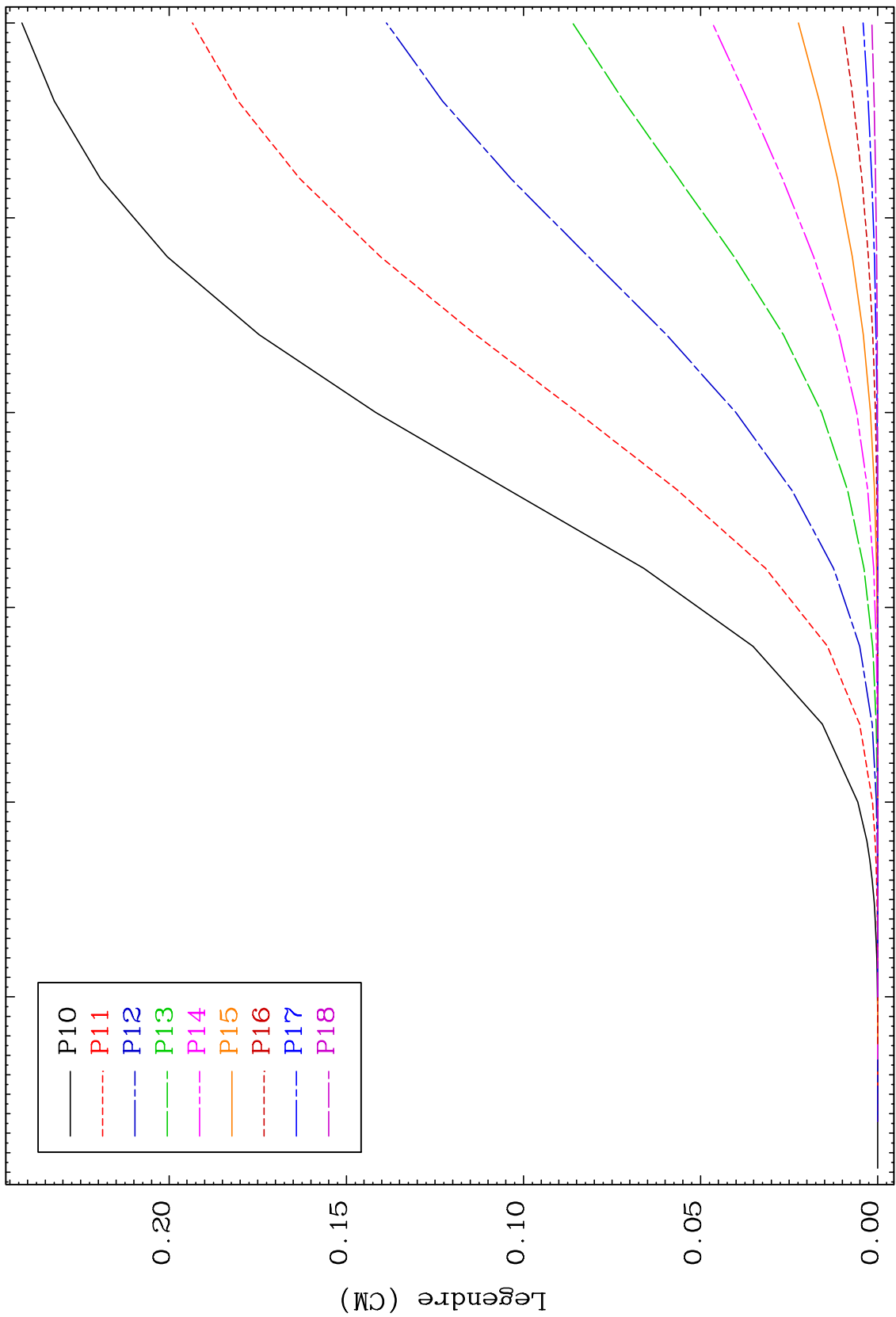
Incident Energy (MeV)

29-Cu-69

MAT 2943

Elastic Legendre Coefficients

29-Cu-69



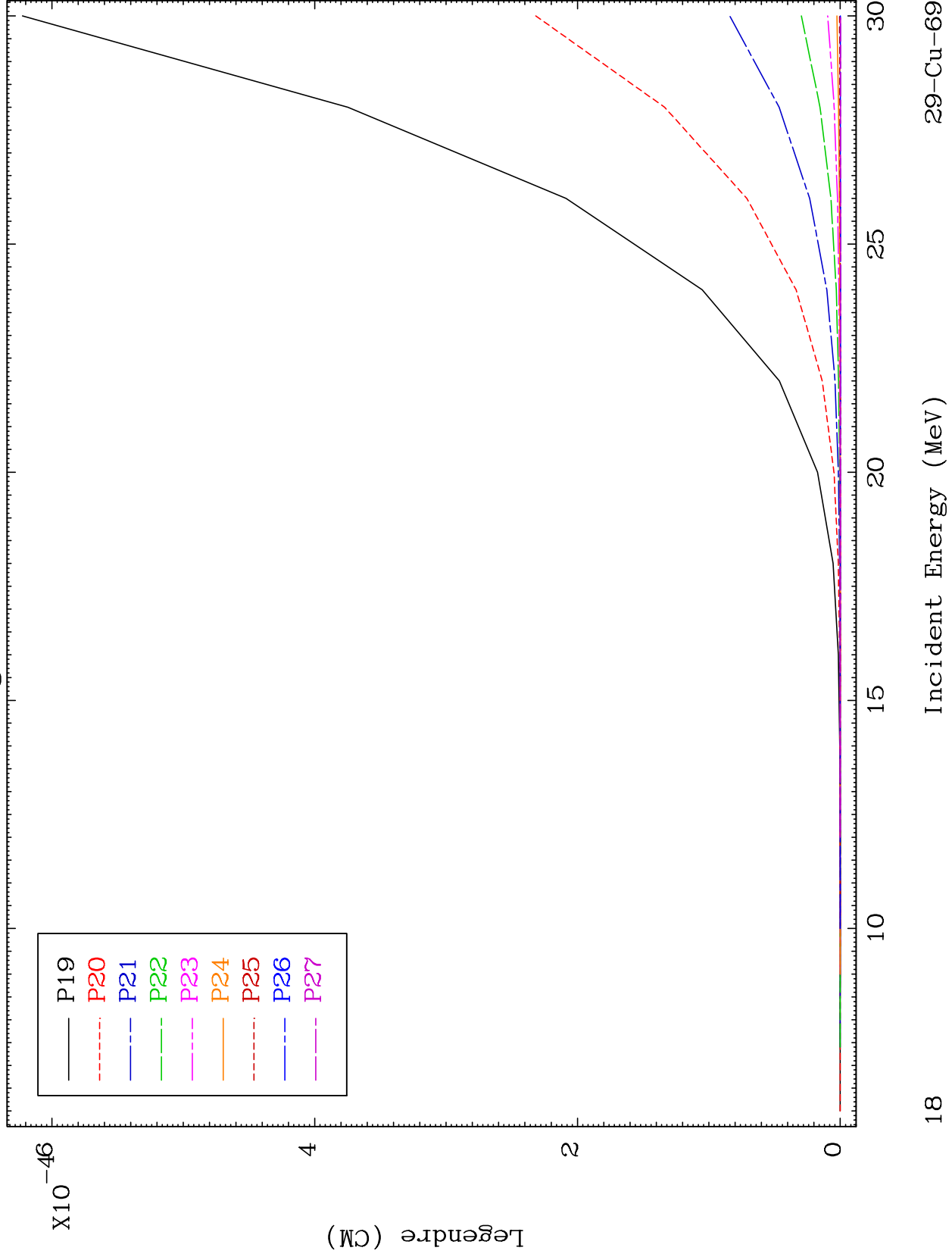
17

29-Cu-69

MAT 2943

Elastic Legendre Coefficients

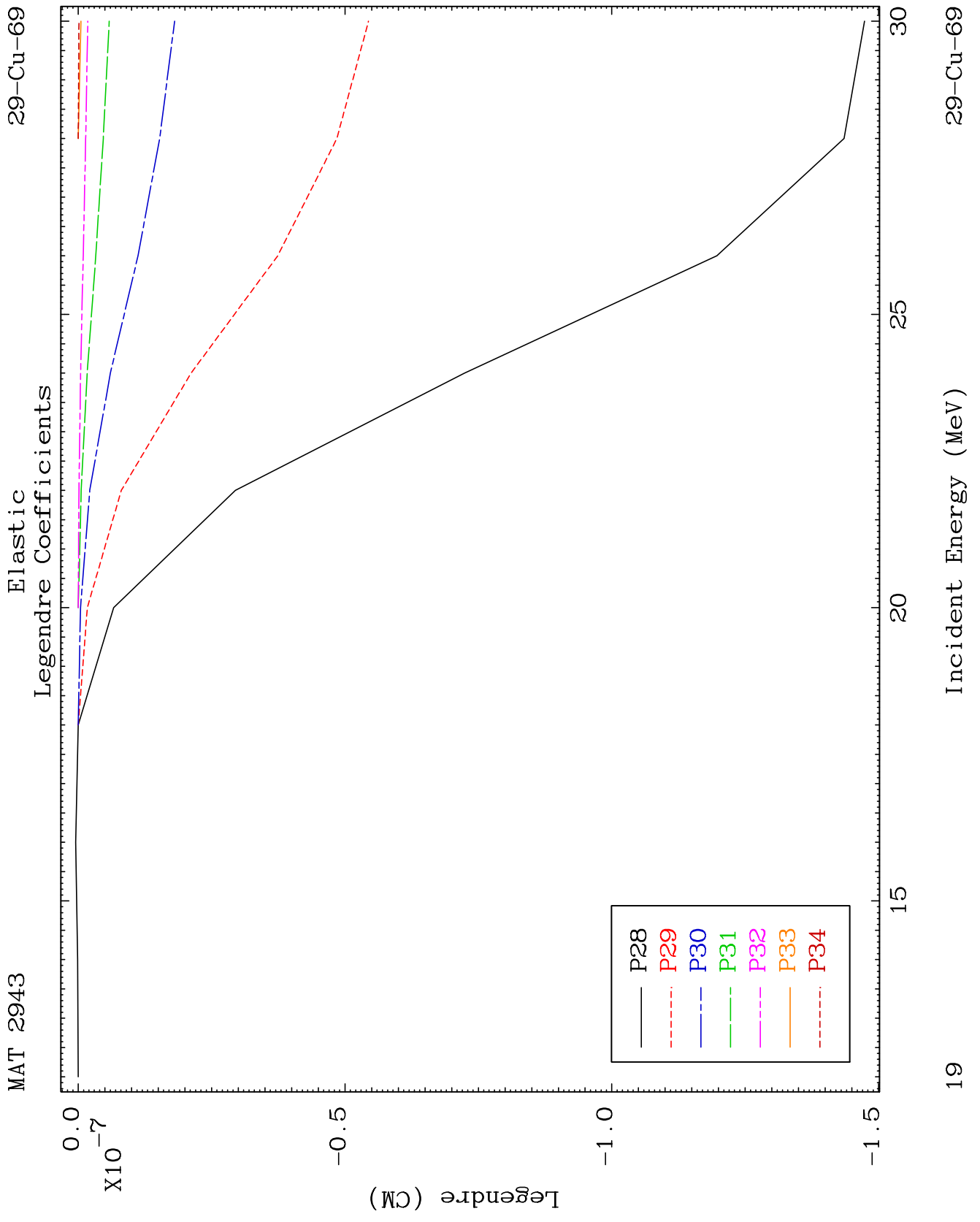
29-Cu-69

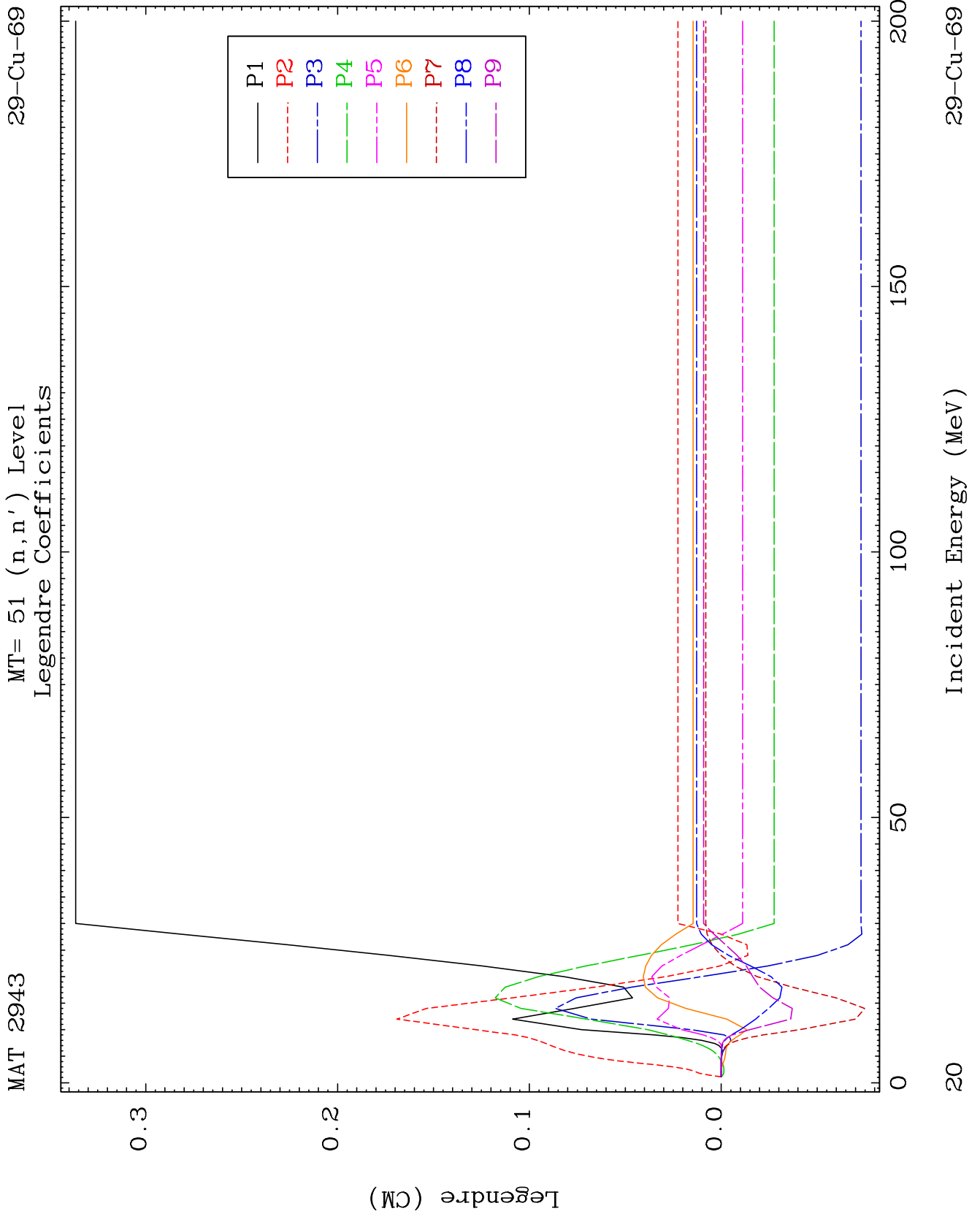


18

Incident Energy (MeV)

29-Cu-69

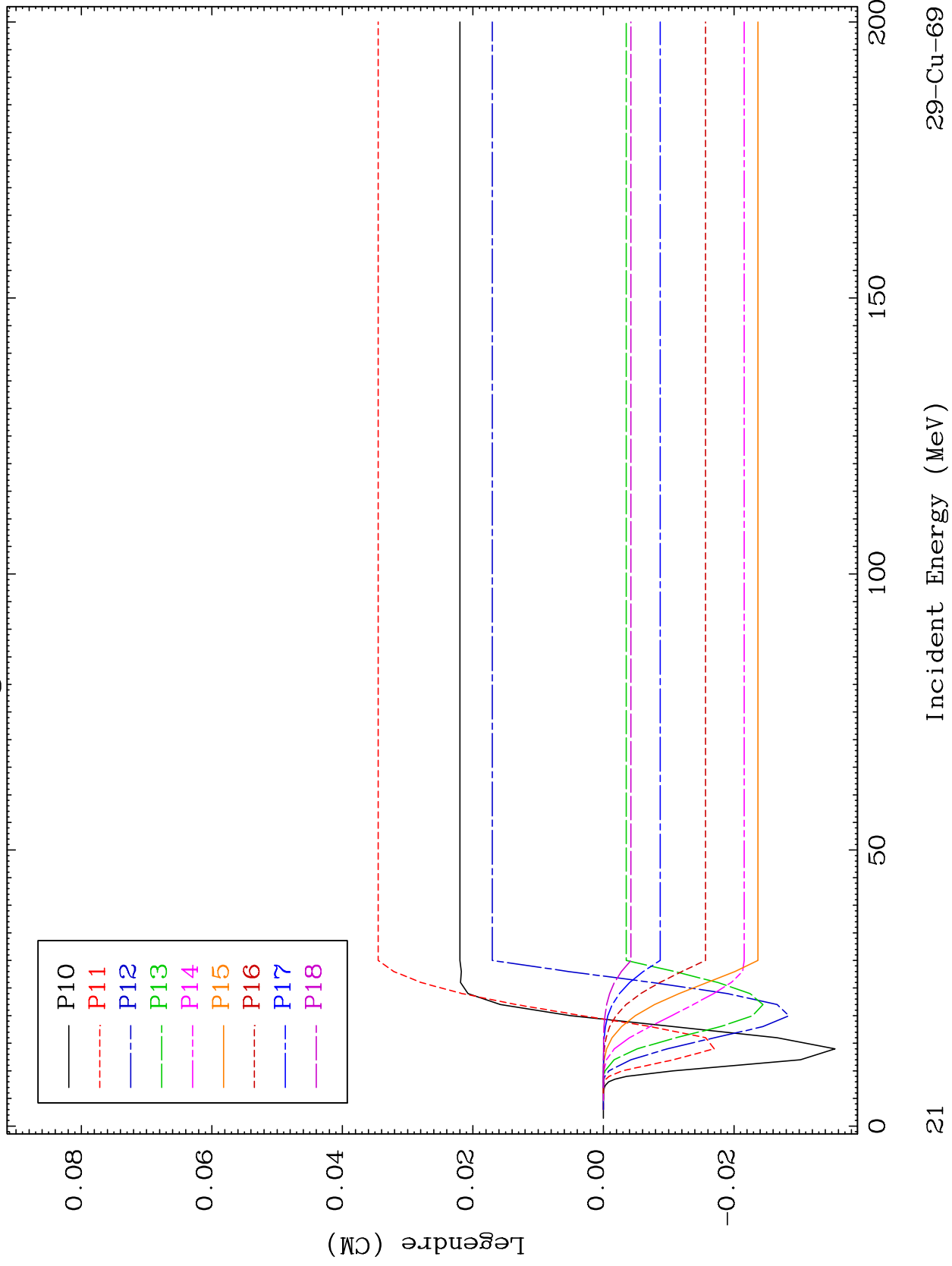




MAT 2943

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

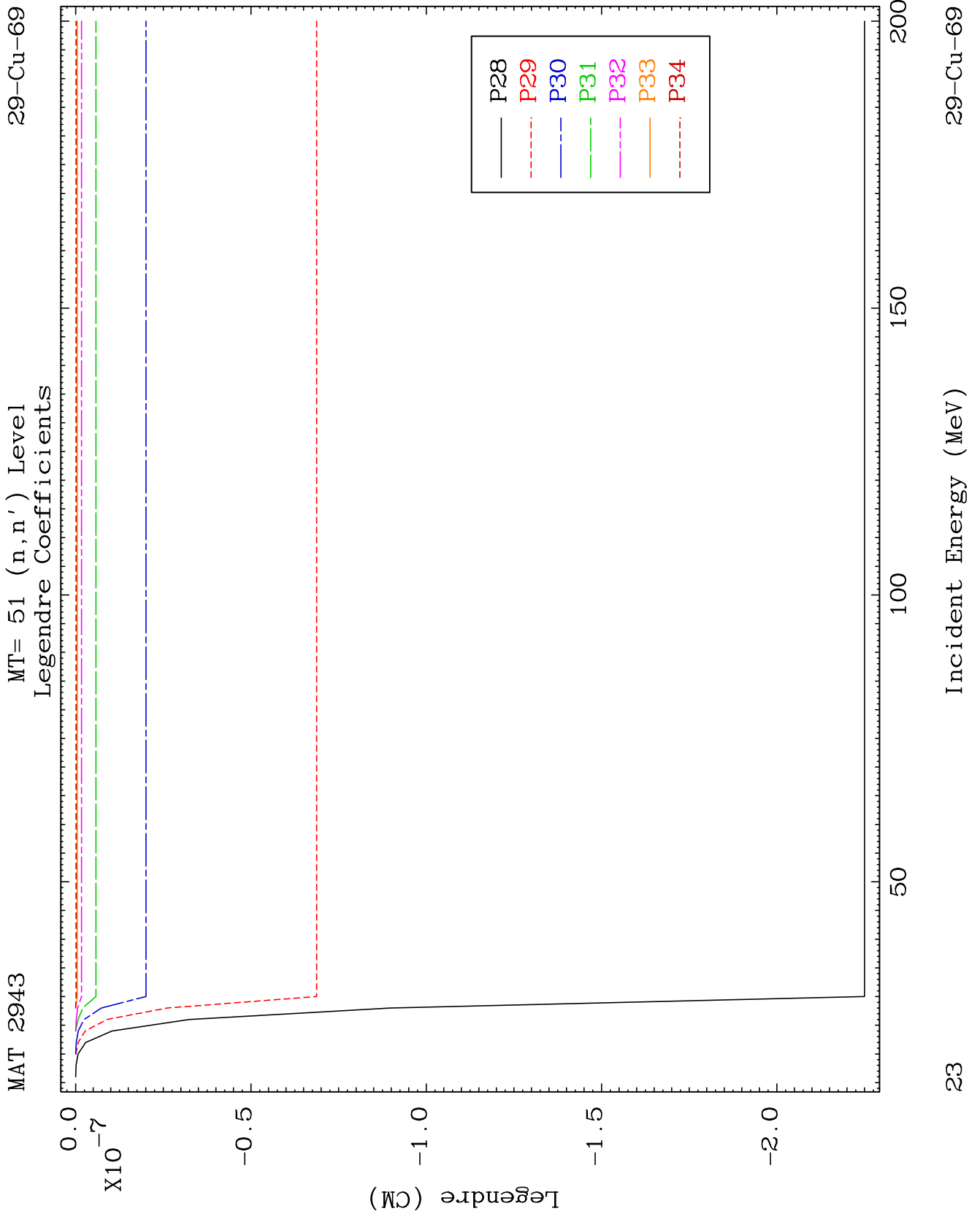
29-Cu-69



21

Incident Energy (MeV)

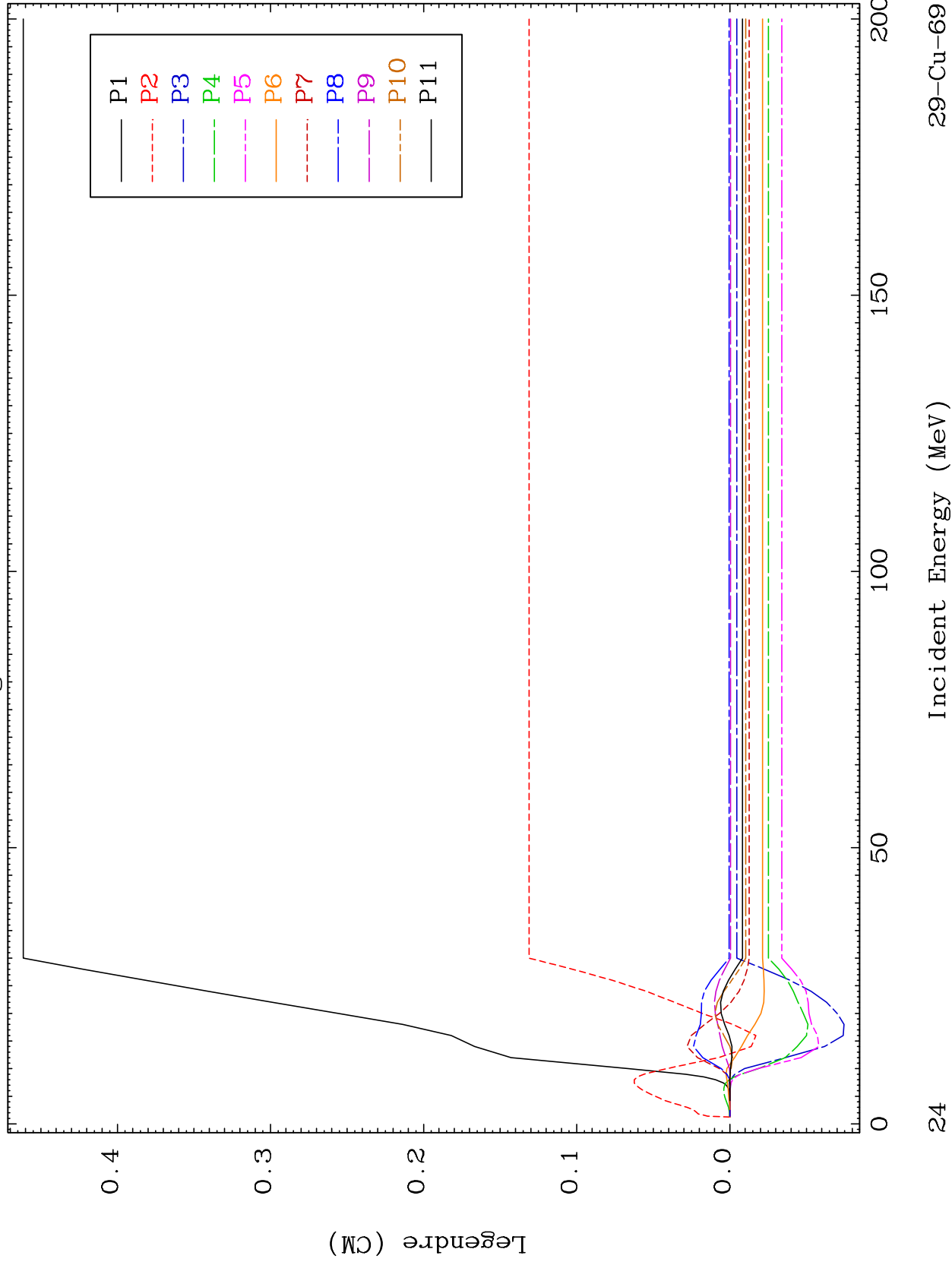
29-Cu-69



MAT 2943

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

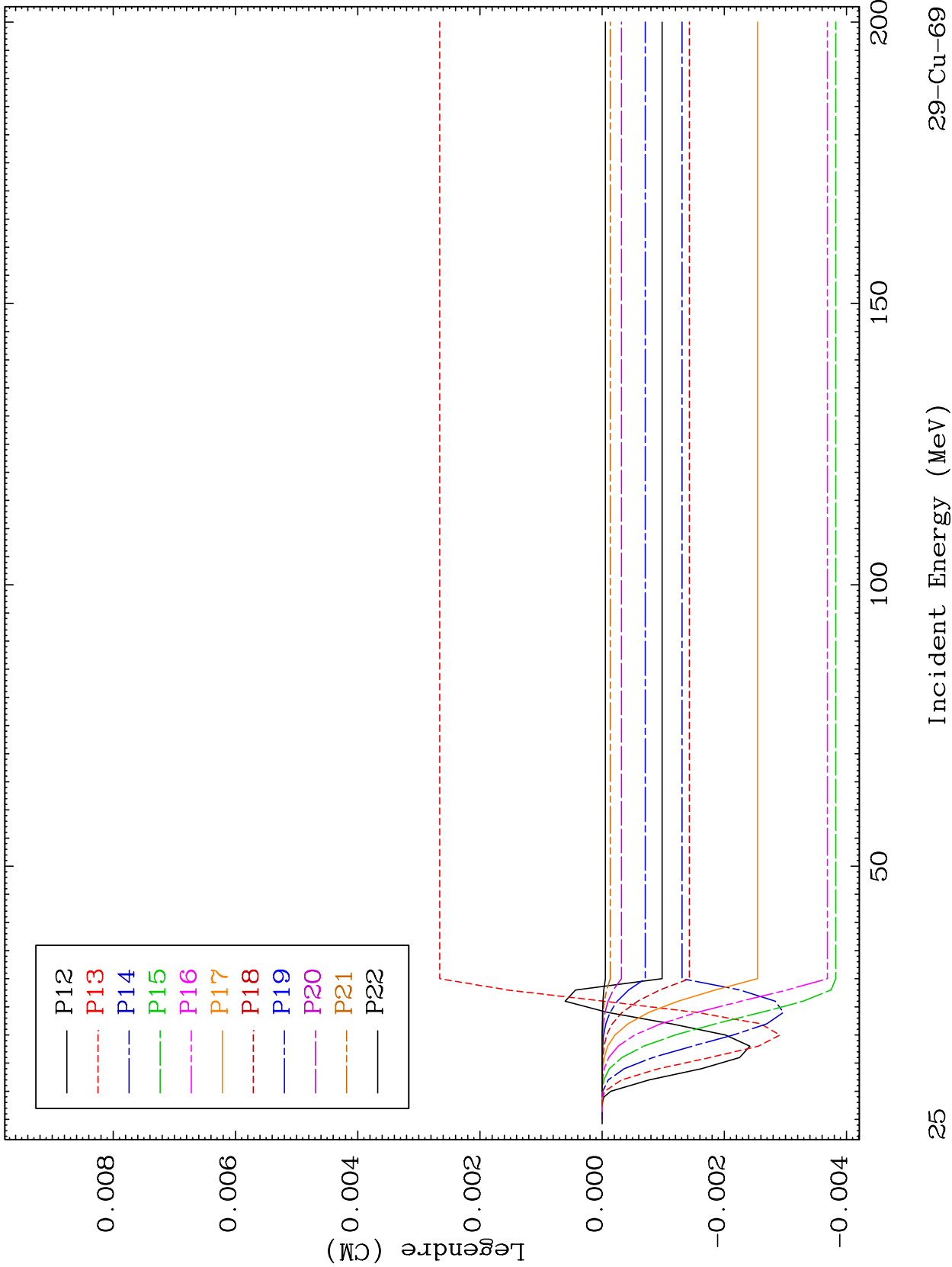
29-Cu-69



MAT 2943

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

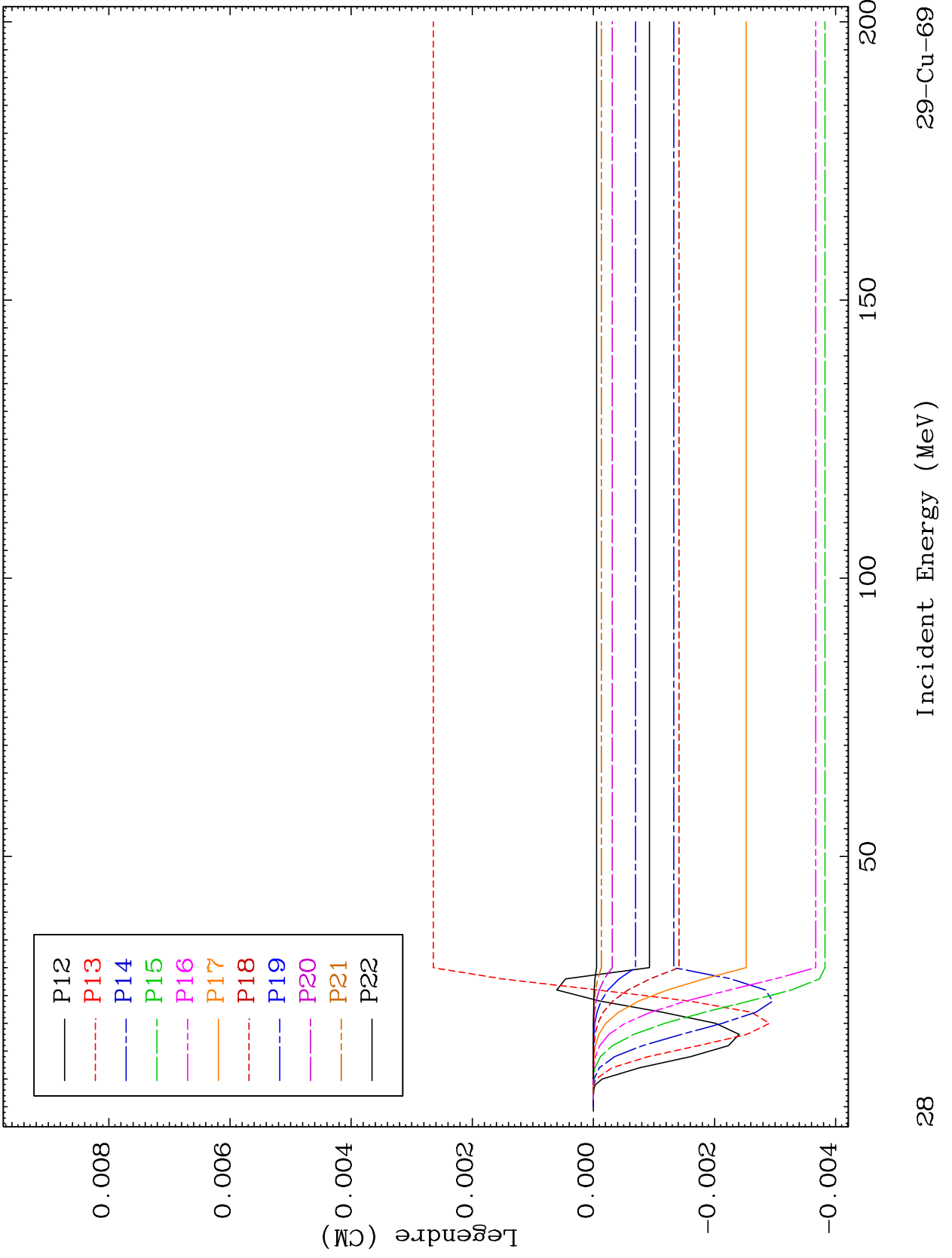
29-Cu-69

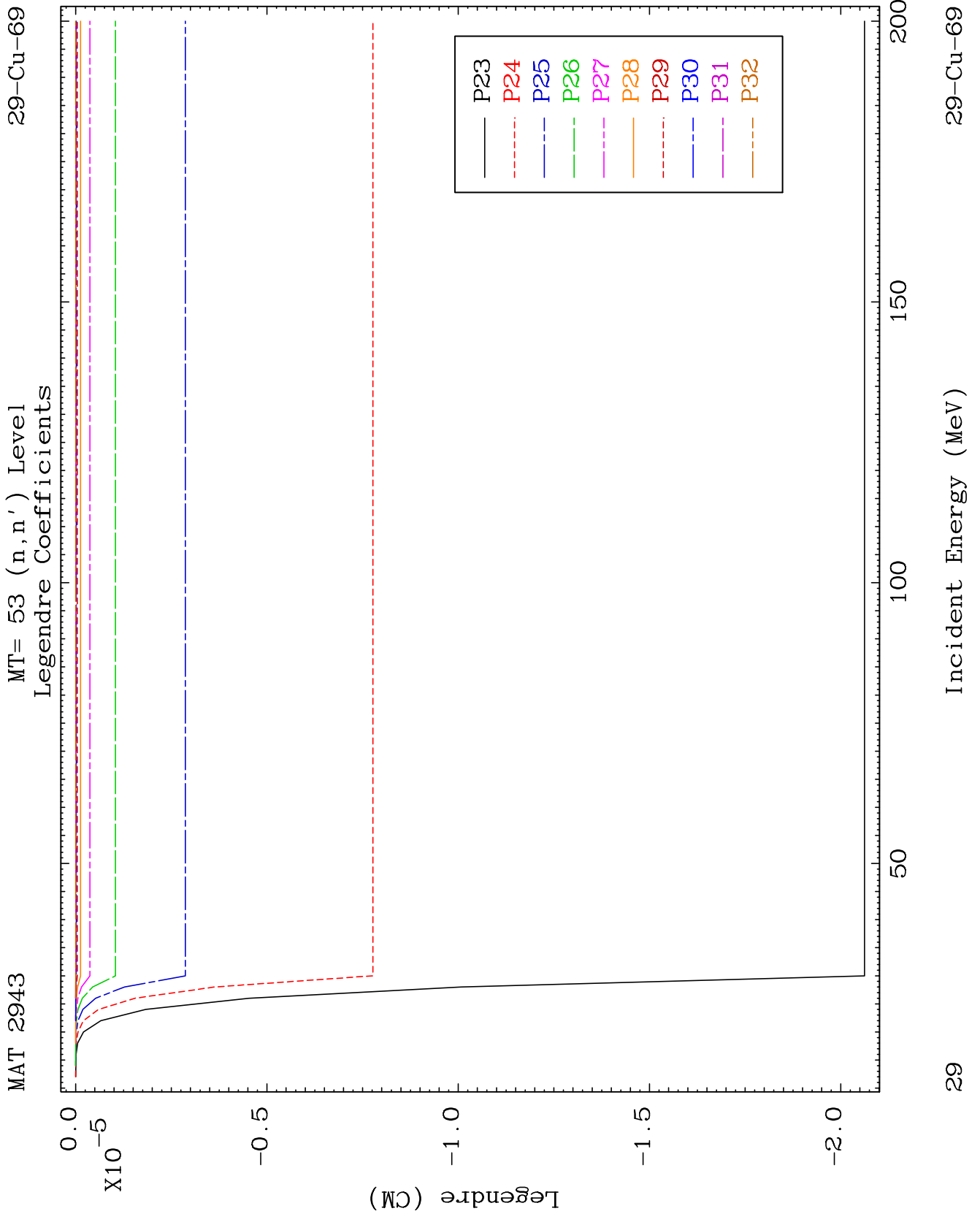


25

Incident Energy (MeV)

29-Cu-69

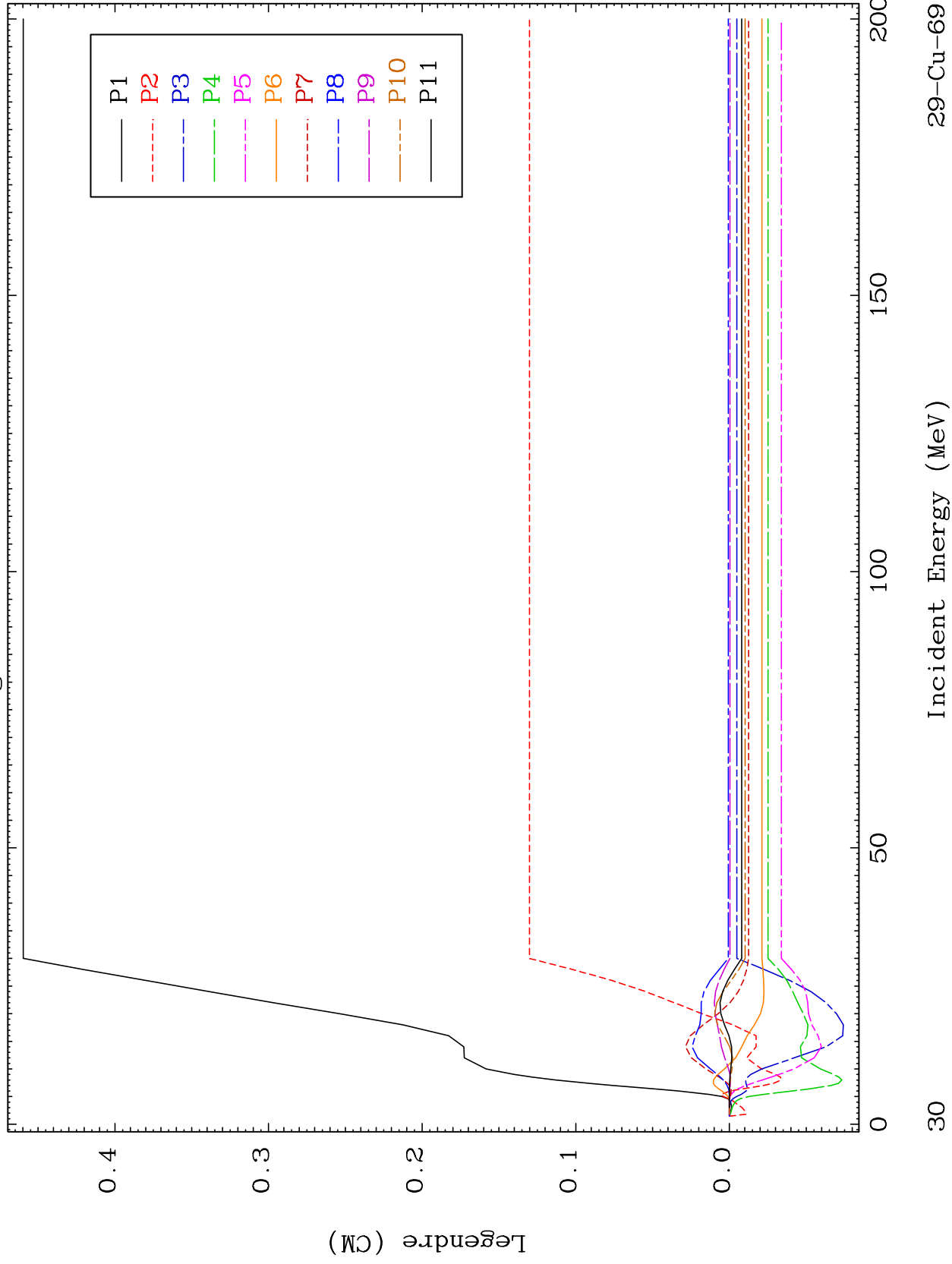


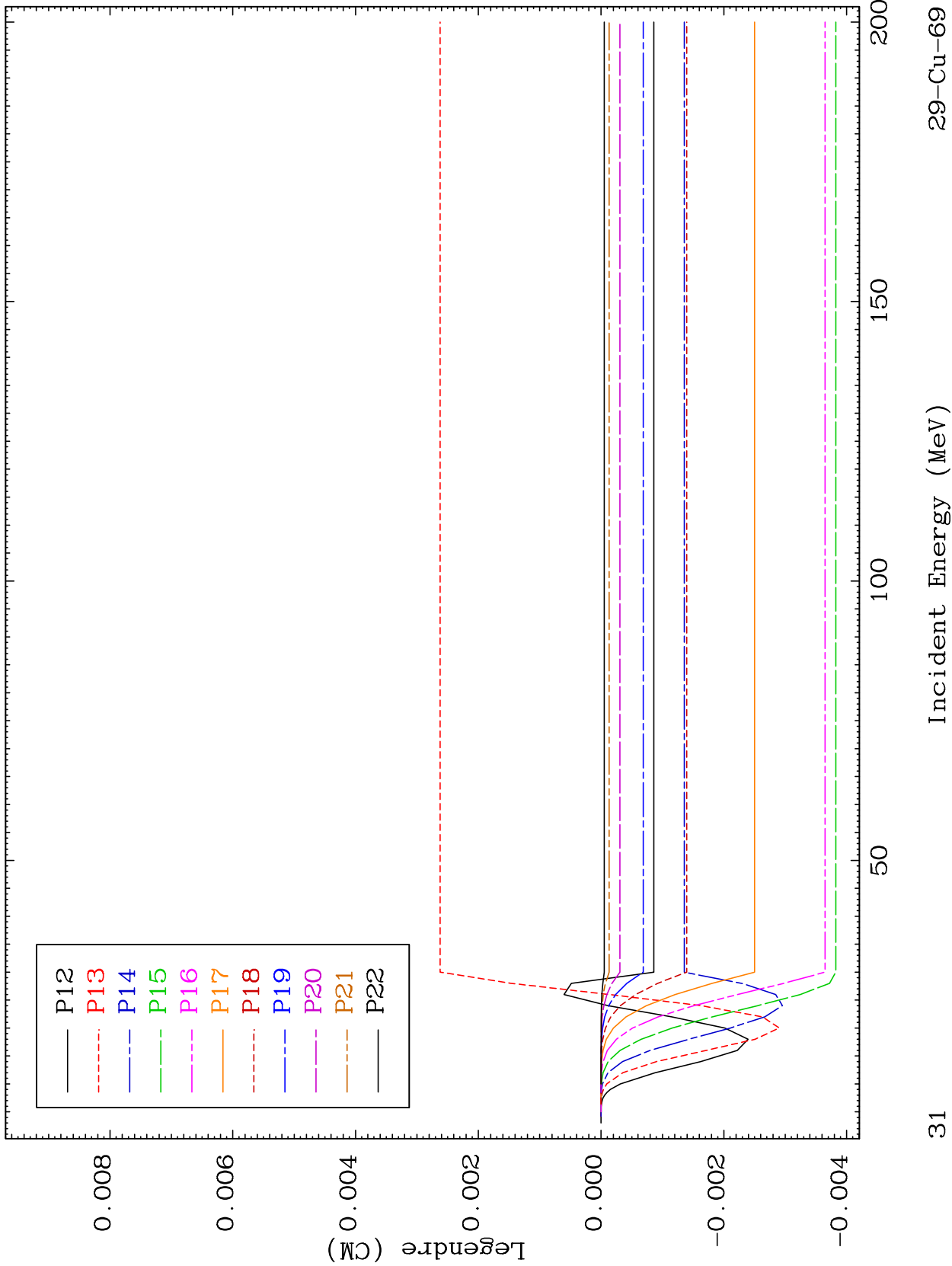


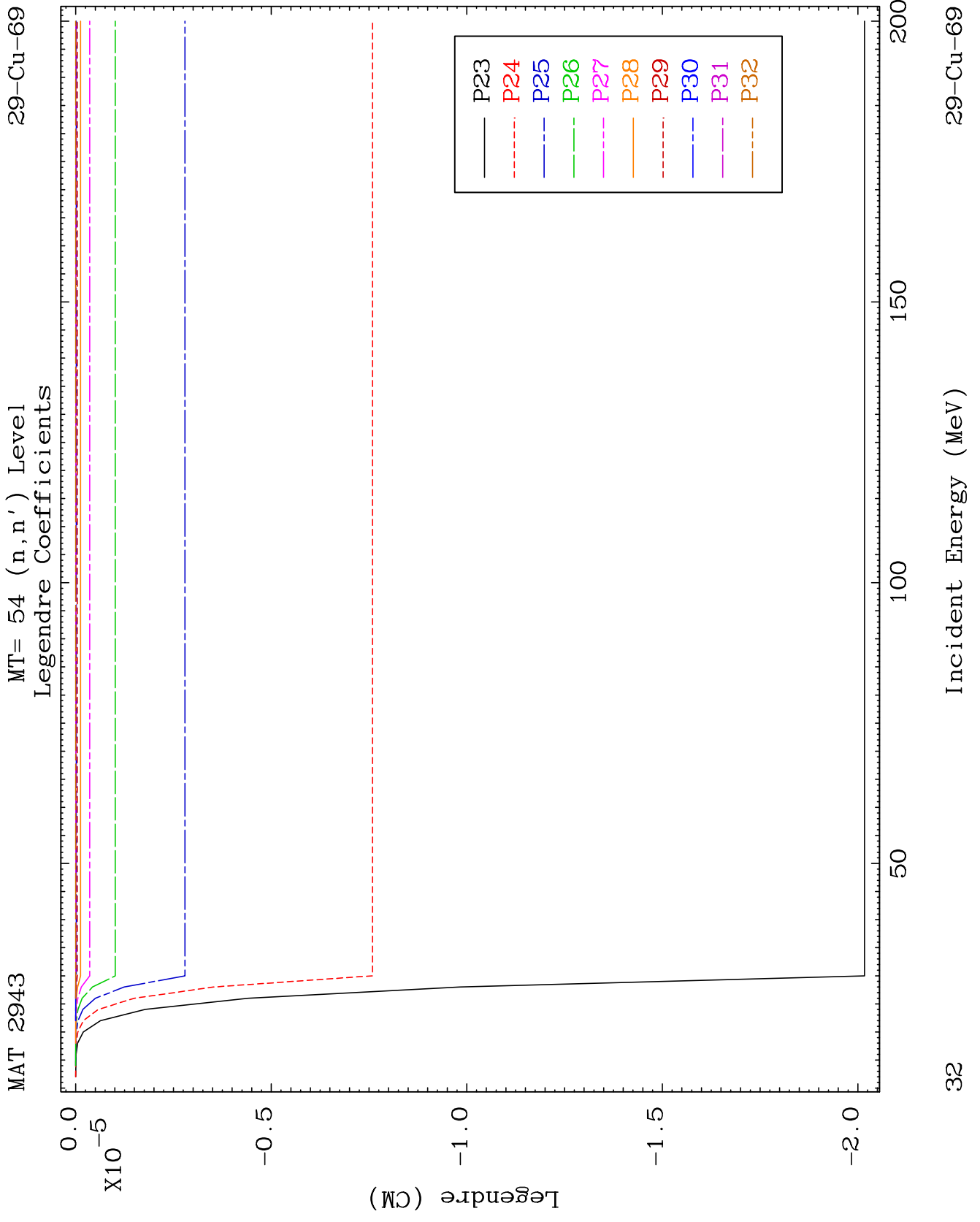
MAT 2943

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

29-Cu-69



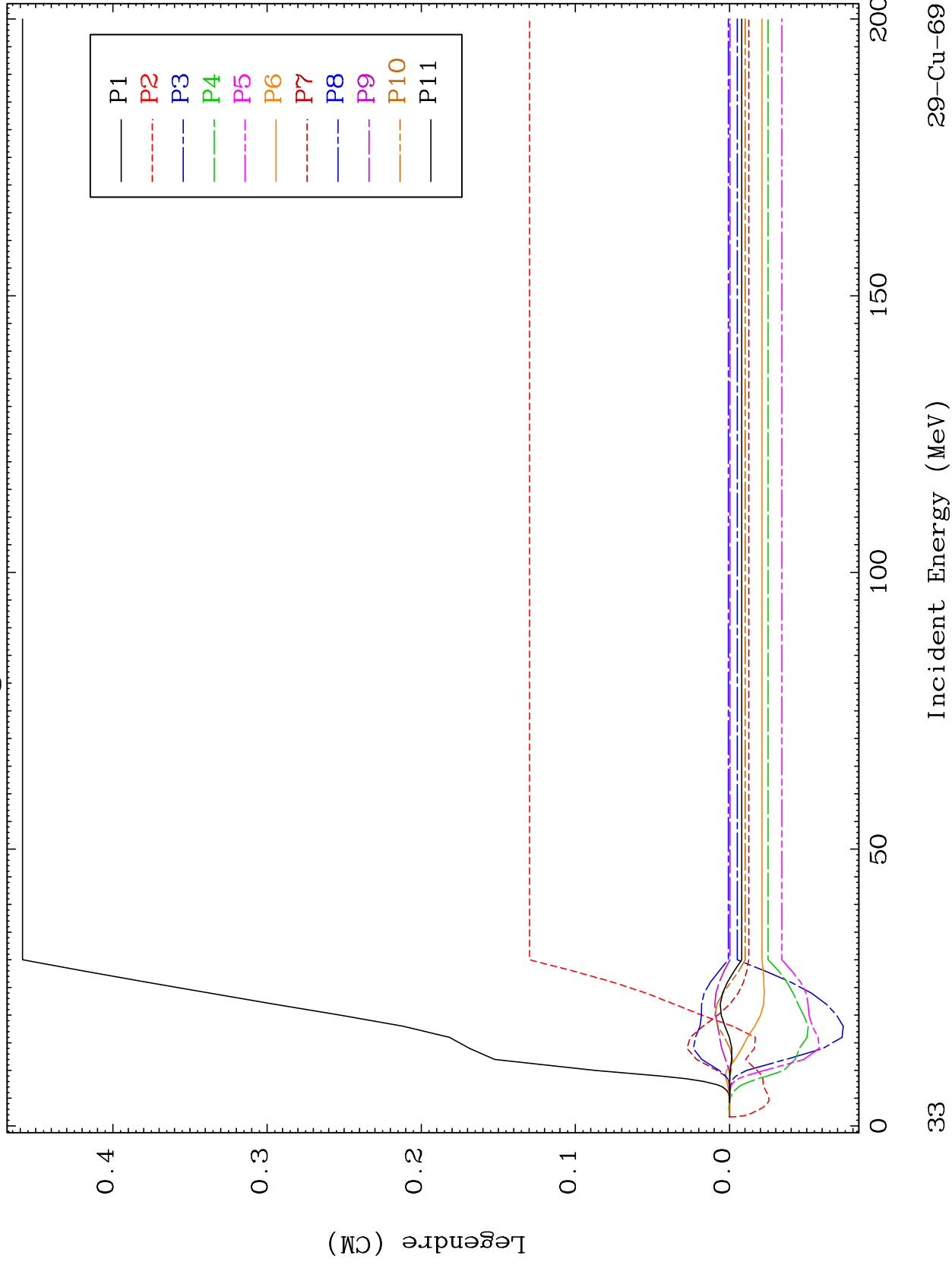




MAT 2943

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

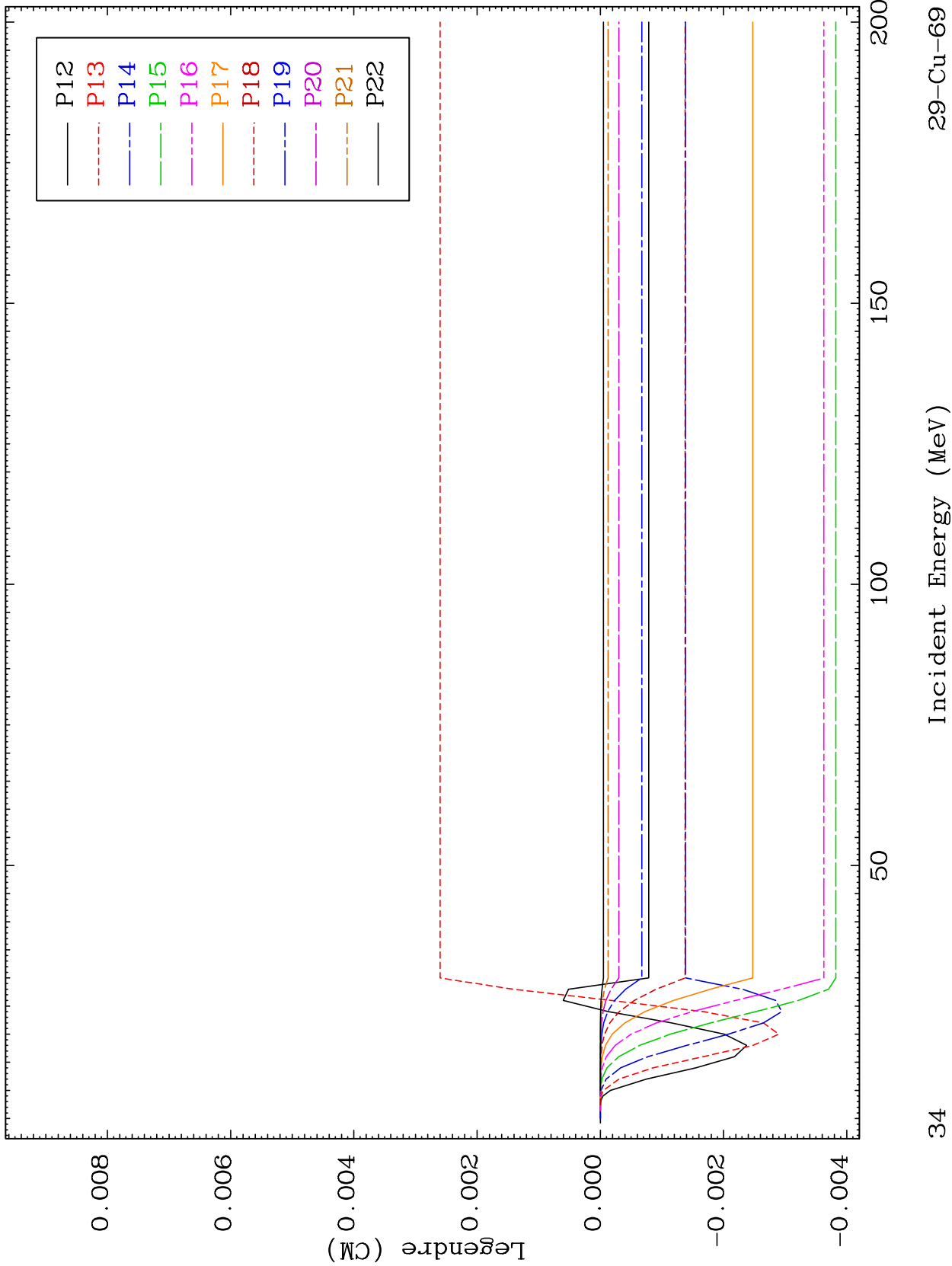
29-Cu-69

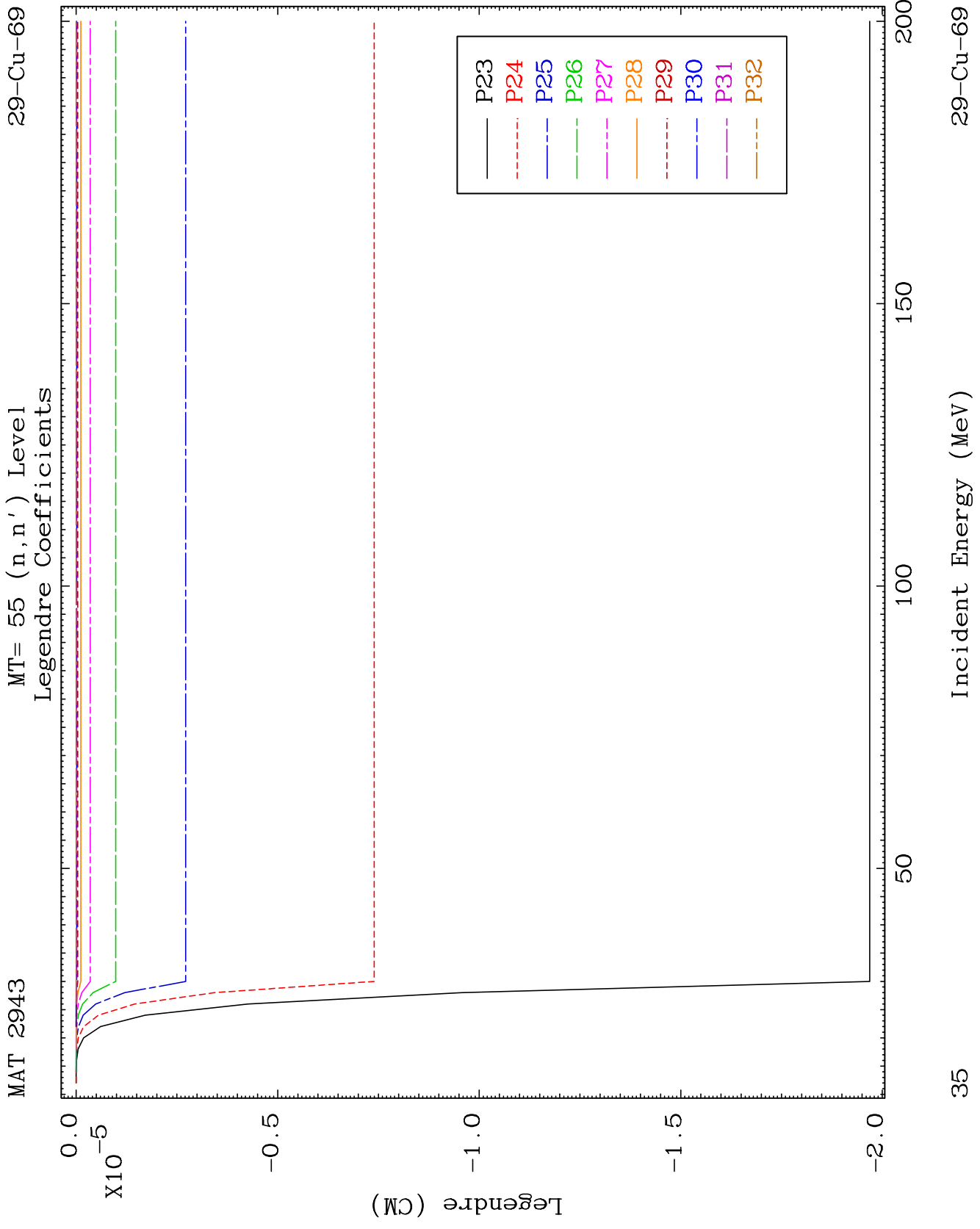


MAT 2943

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

29-Cu-69

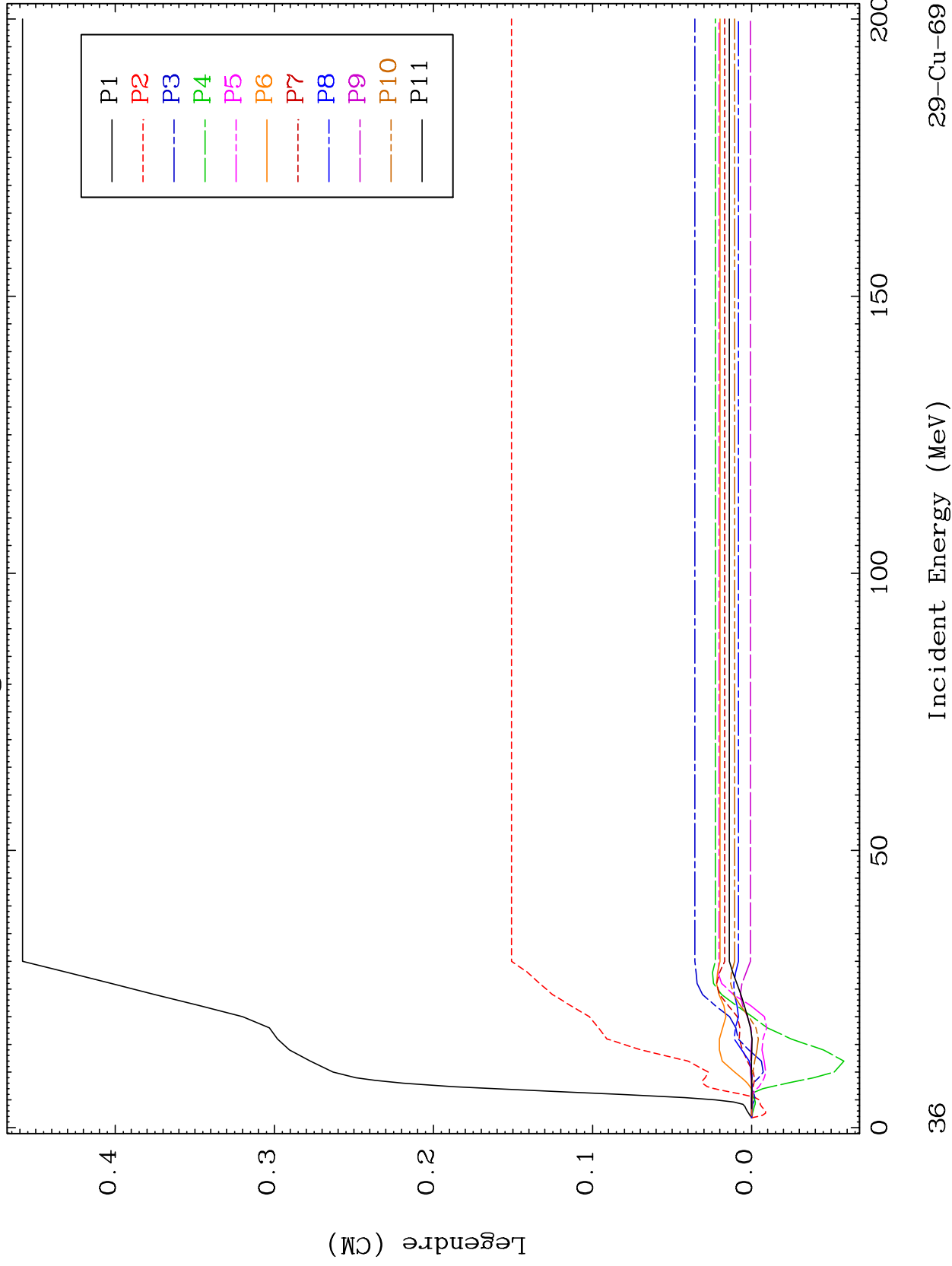




MAT 2943

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

29-Cu-69



29-Cu-69

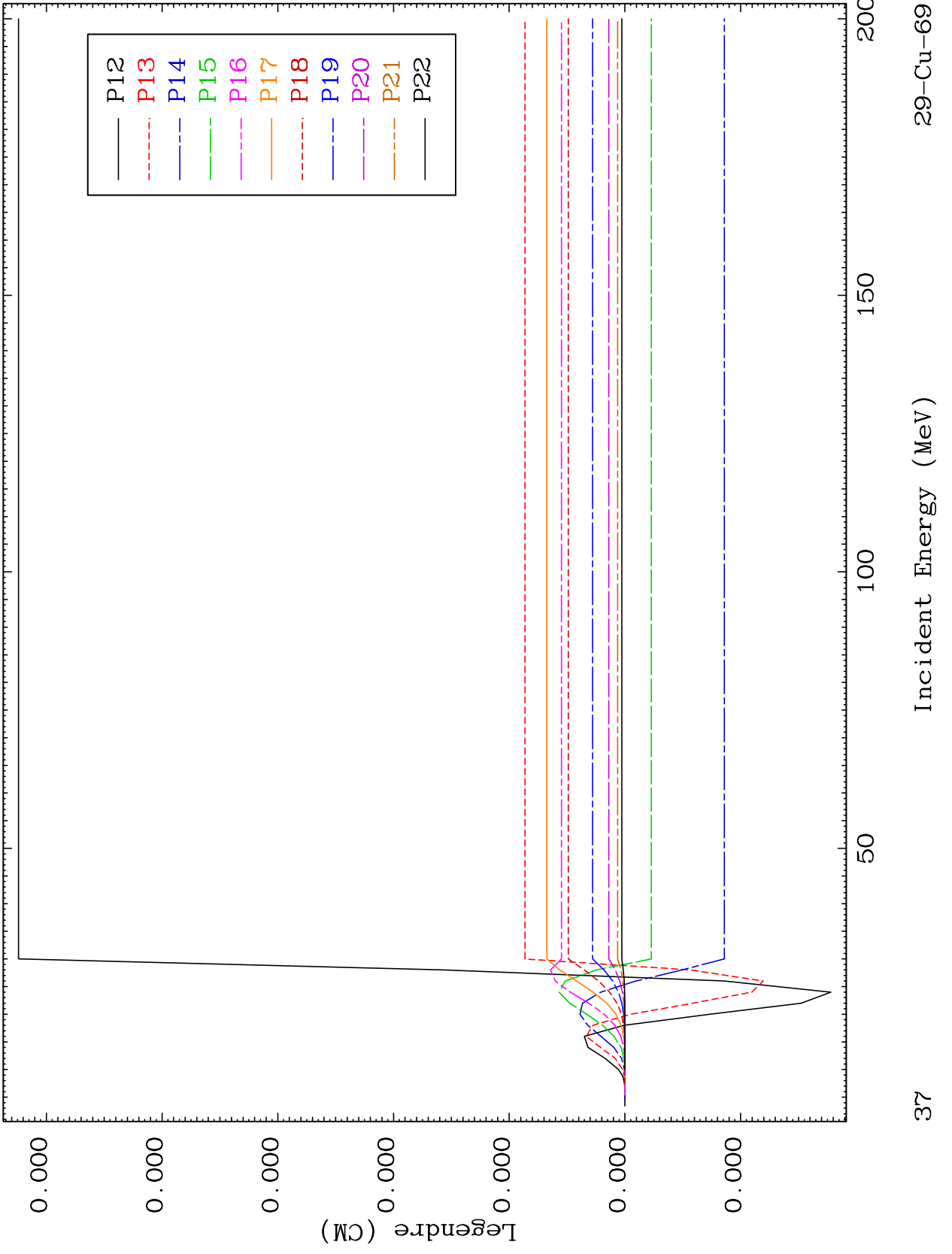
Incident Energy (MeV)

36

MAT 2943

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

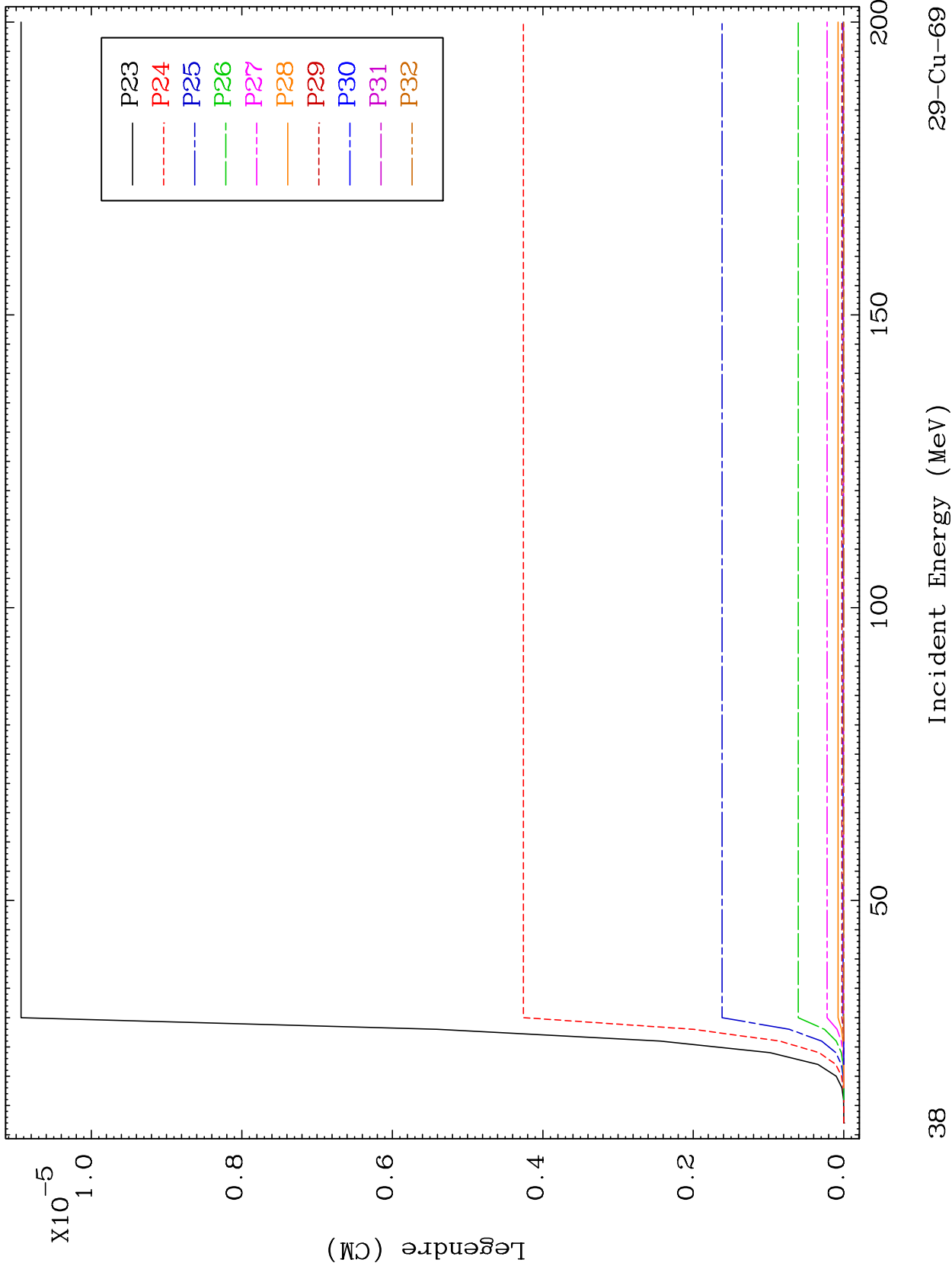
29-Cu-69



MAT 2943

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

29-Cu-69



38

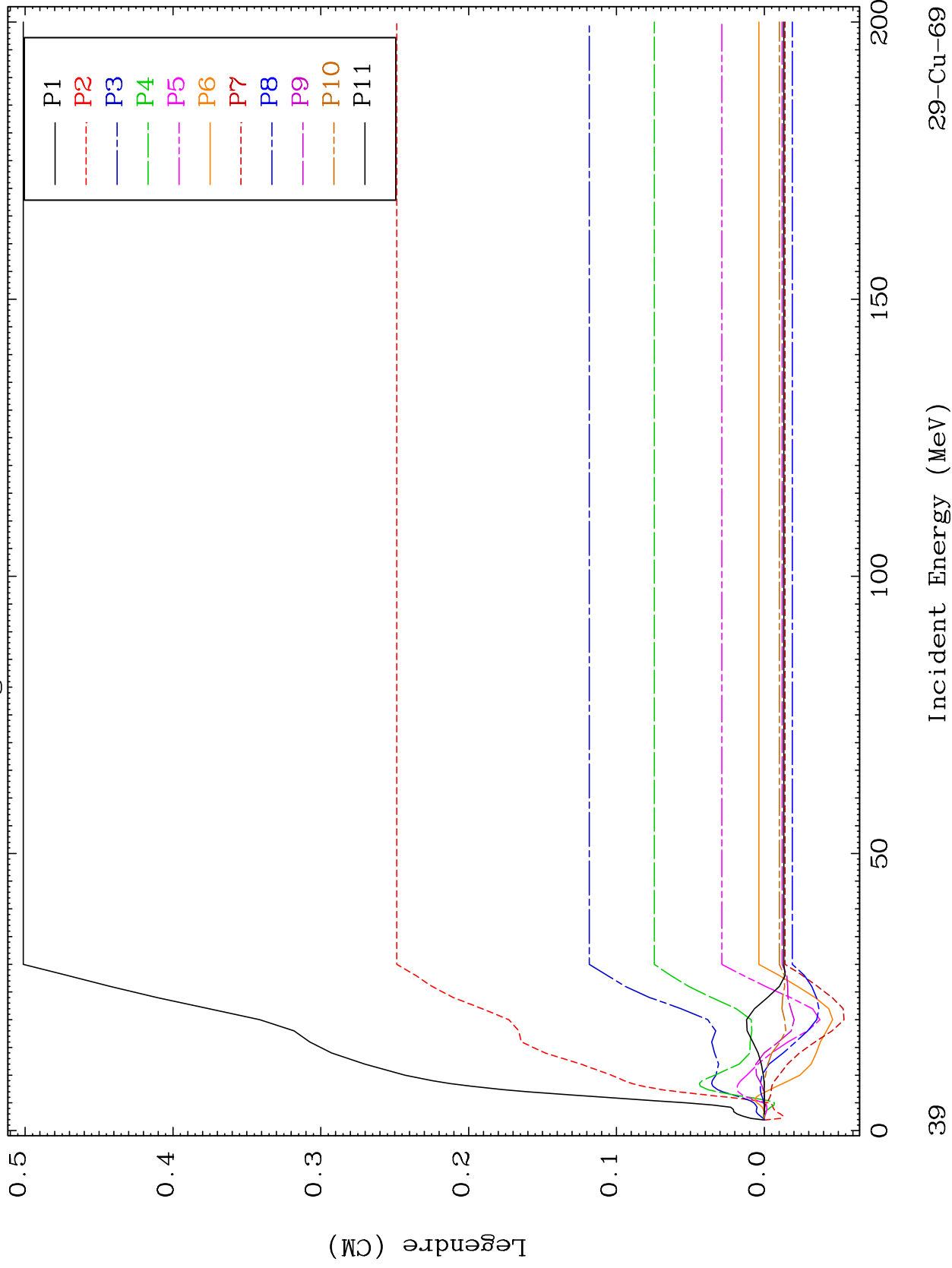
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

29-Cu-69



29-Cu-69

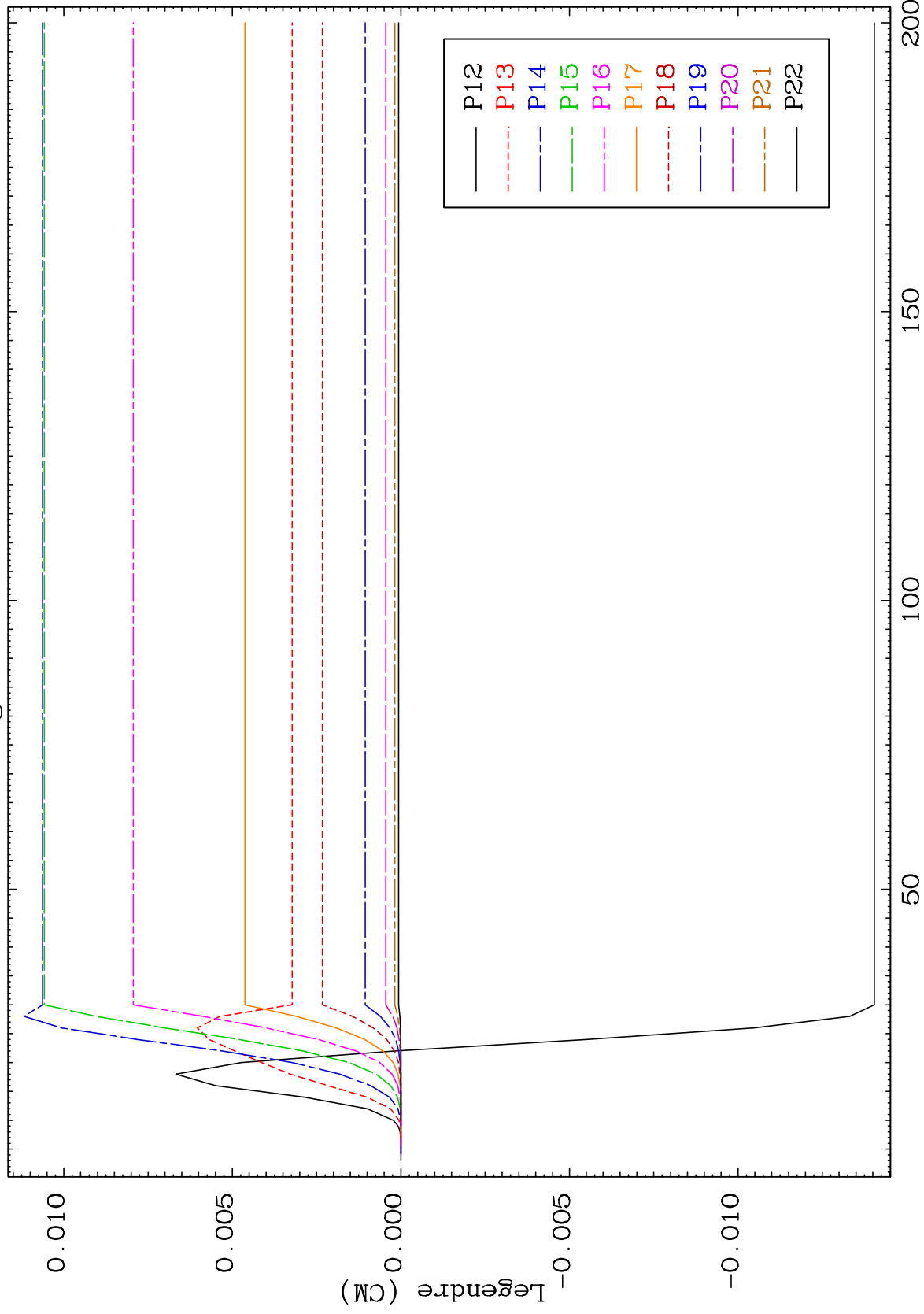
Incident Energy (MeV)

39

MAT 2943

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

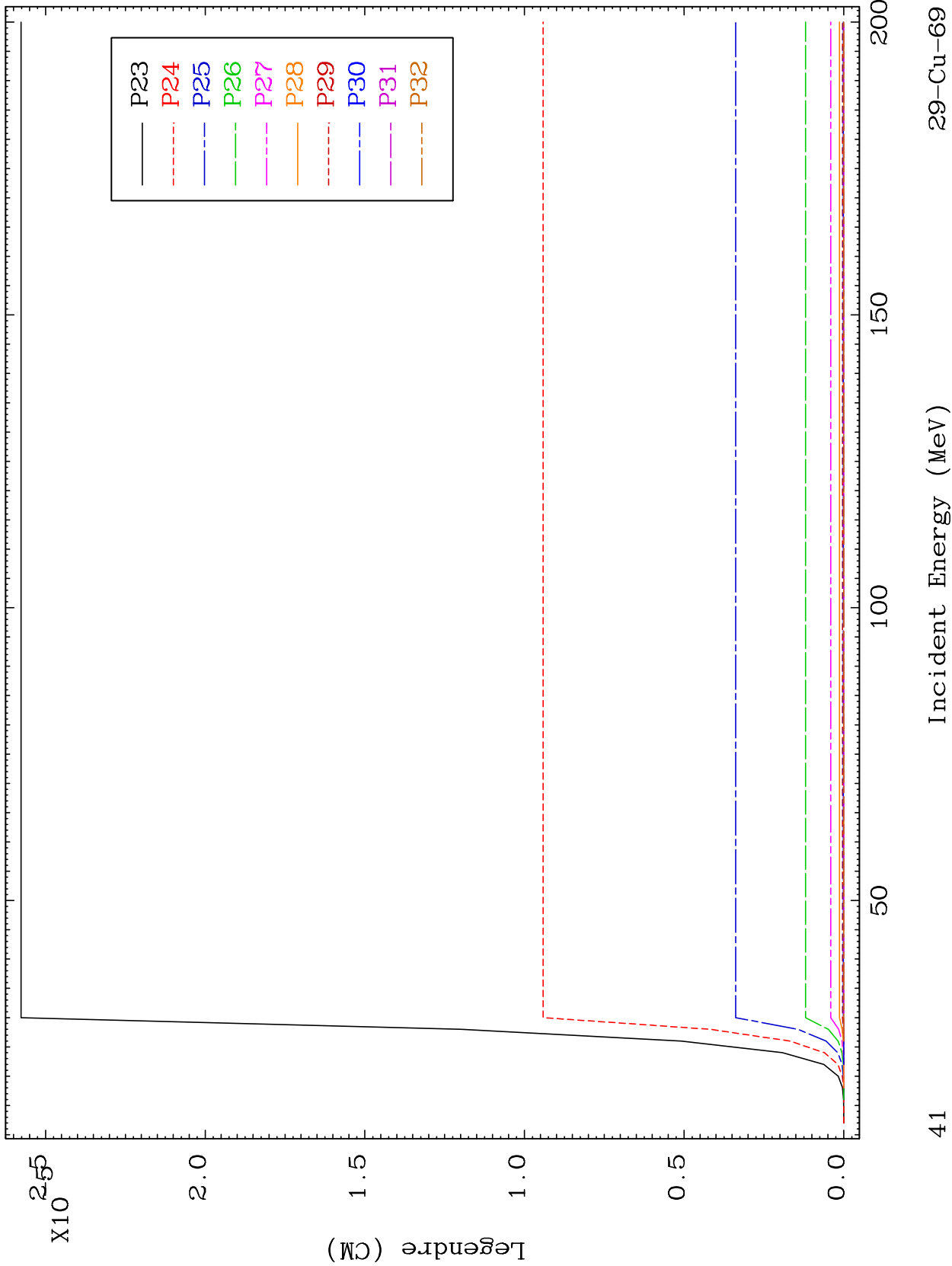
29-Cu-69



40

Incident Energy (MeV)

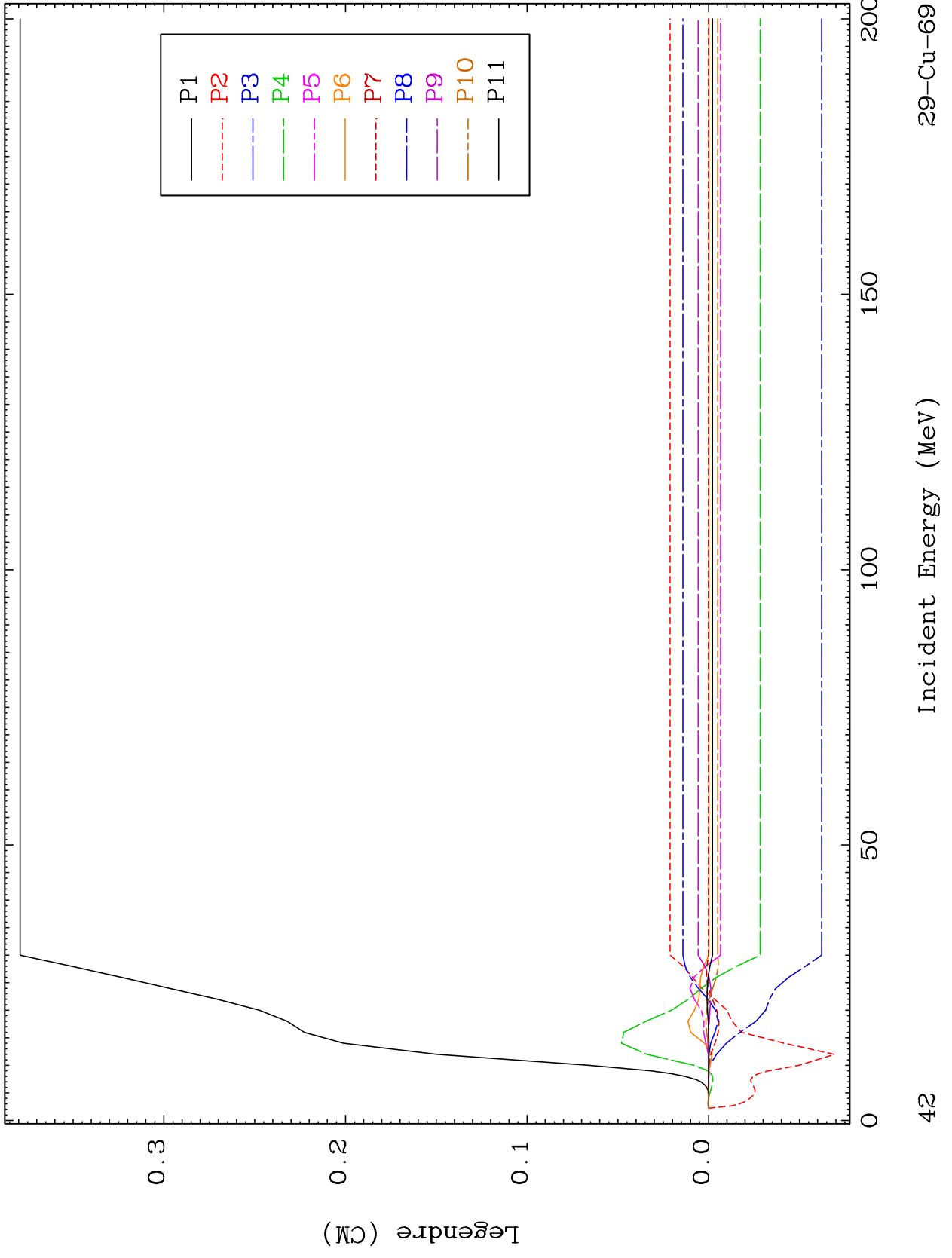
29-Cu-69



MAT 2943

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

29-Cu-69



29-Cu-69

Incident Energy (MeV)

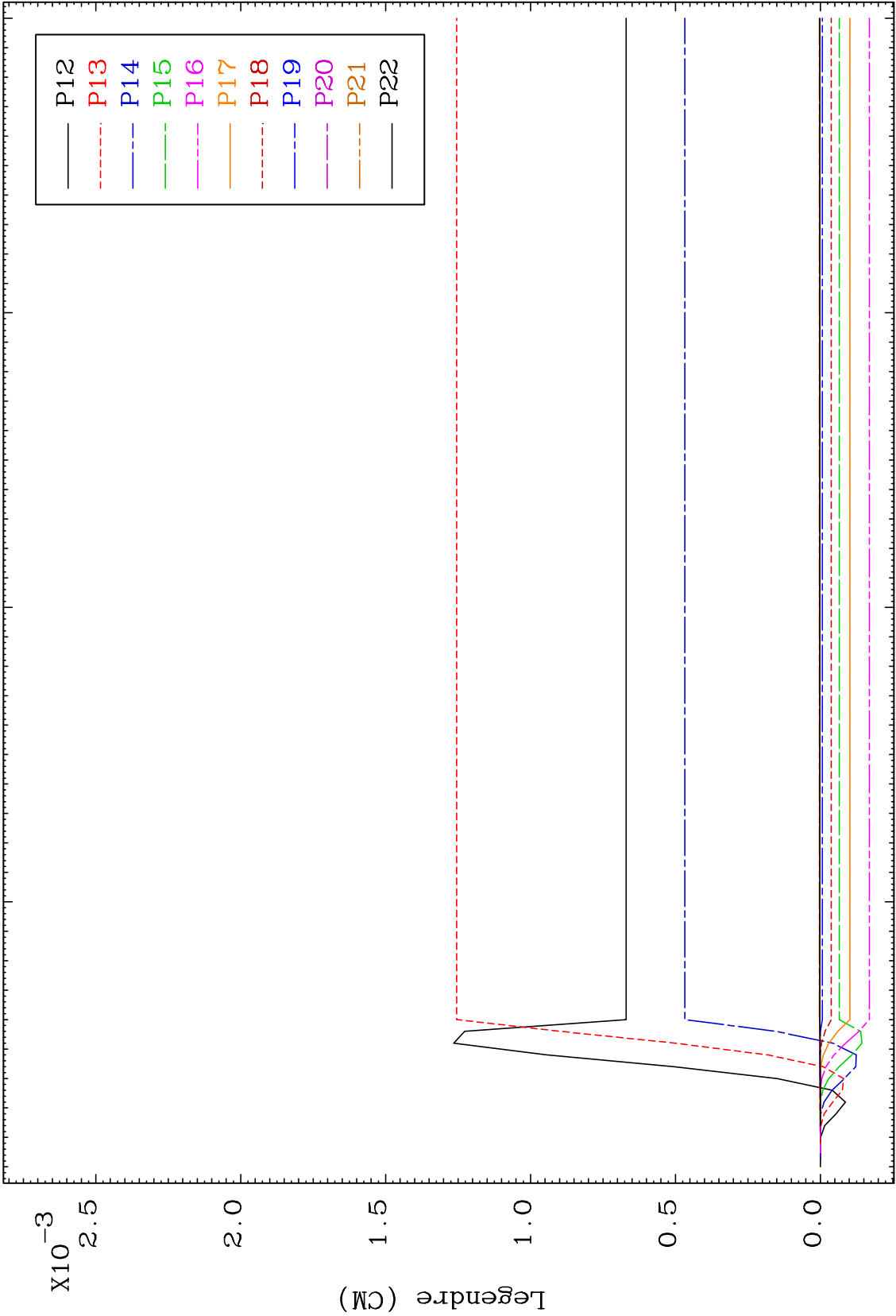
42

MAT 2943

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

29-Cu-69

$\times 10^{-3}$
2.5
2.0
1.5
1.0
0.5
0.0



43

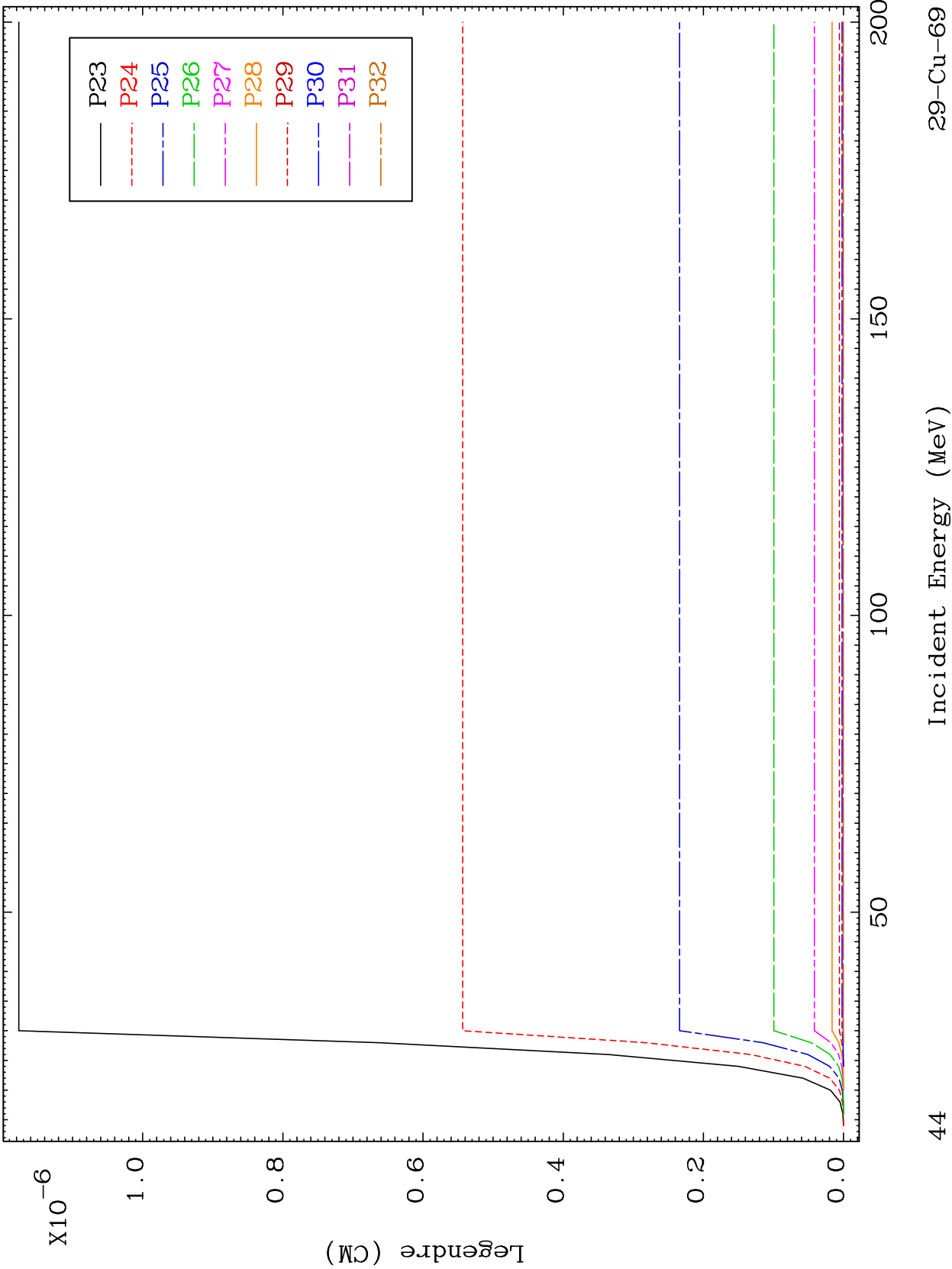
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

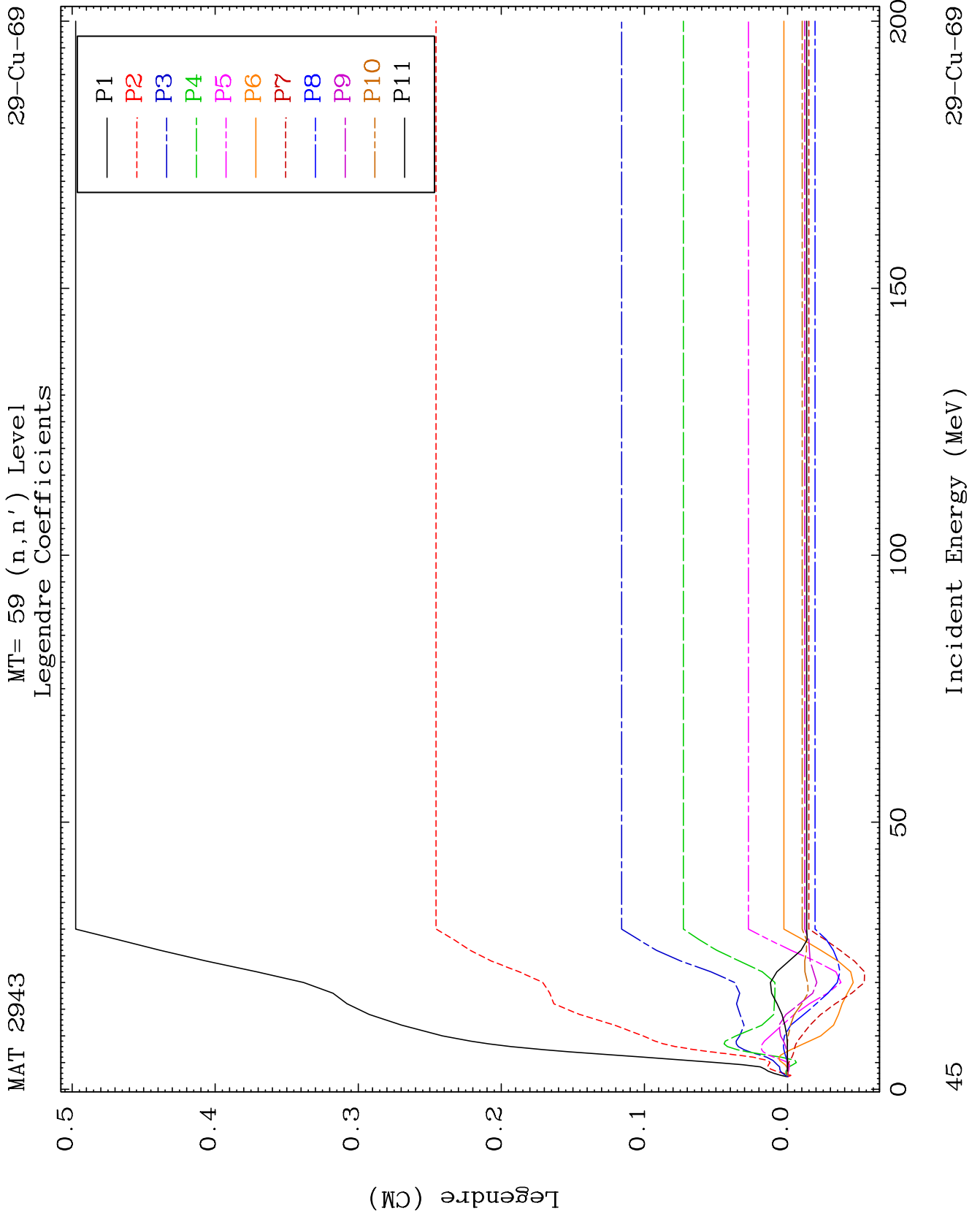
29-Cu-69



44

Incident Energy (MeV)

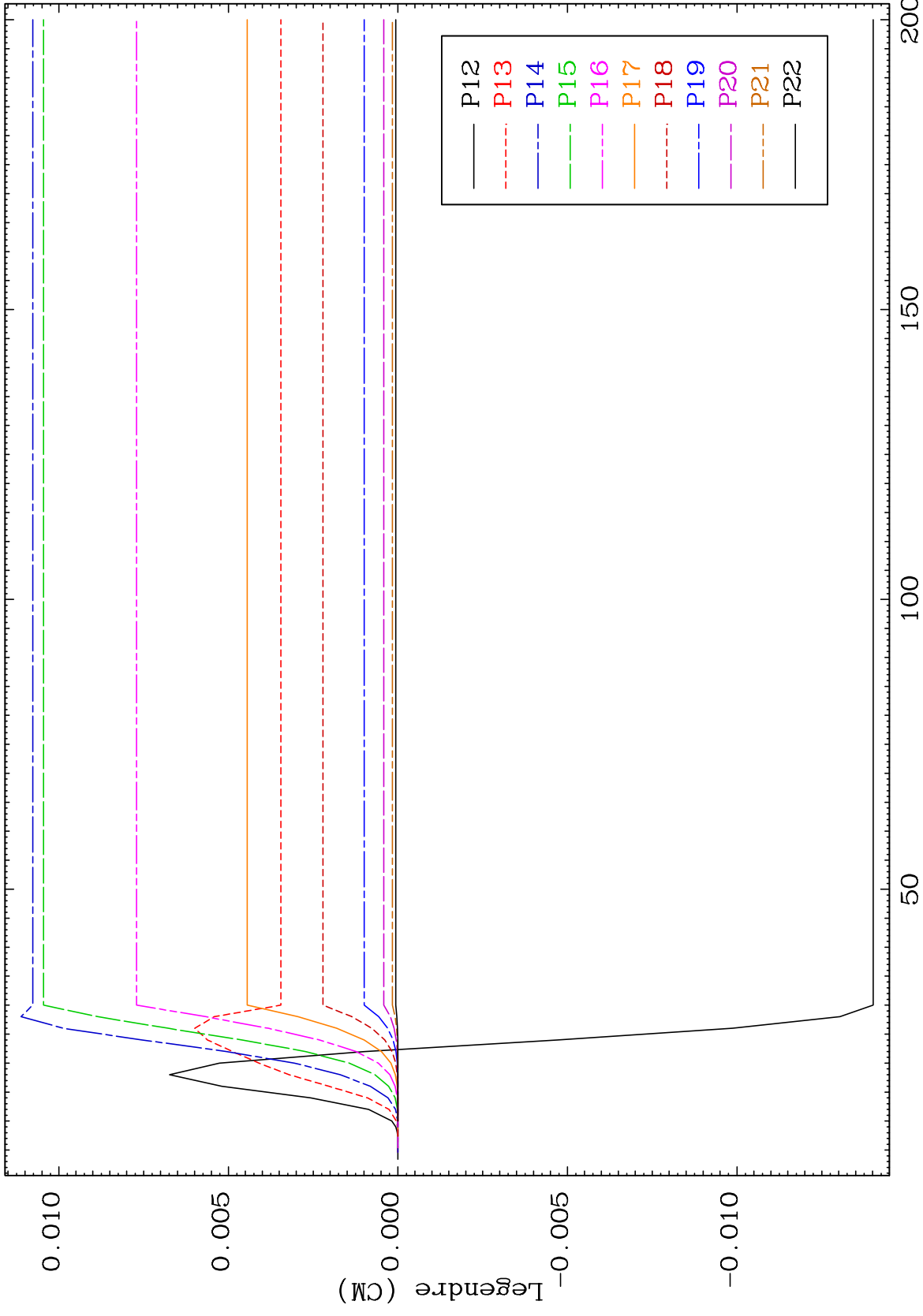
29-Cu-69



MAT 2943

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

29-Cu-69



46

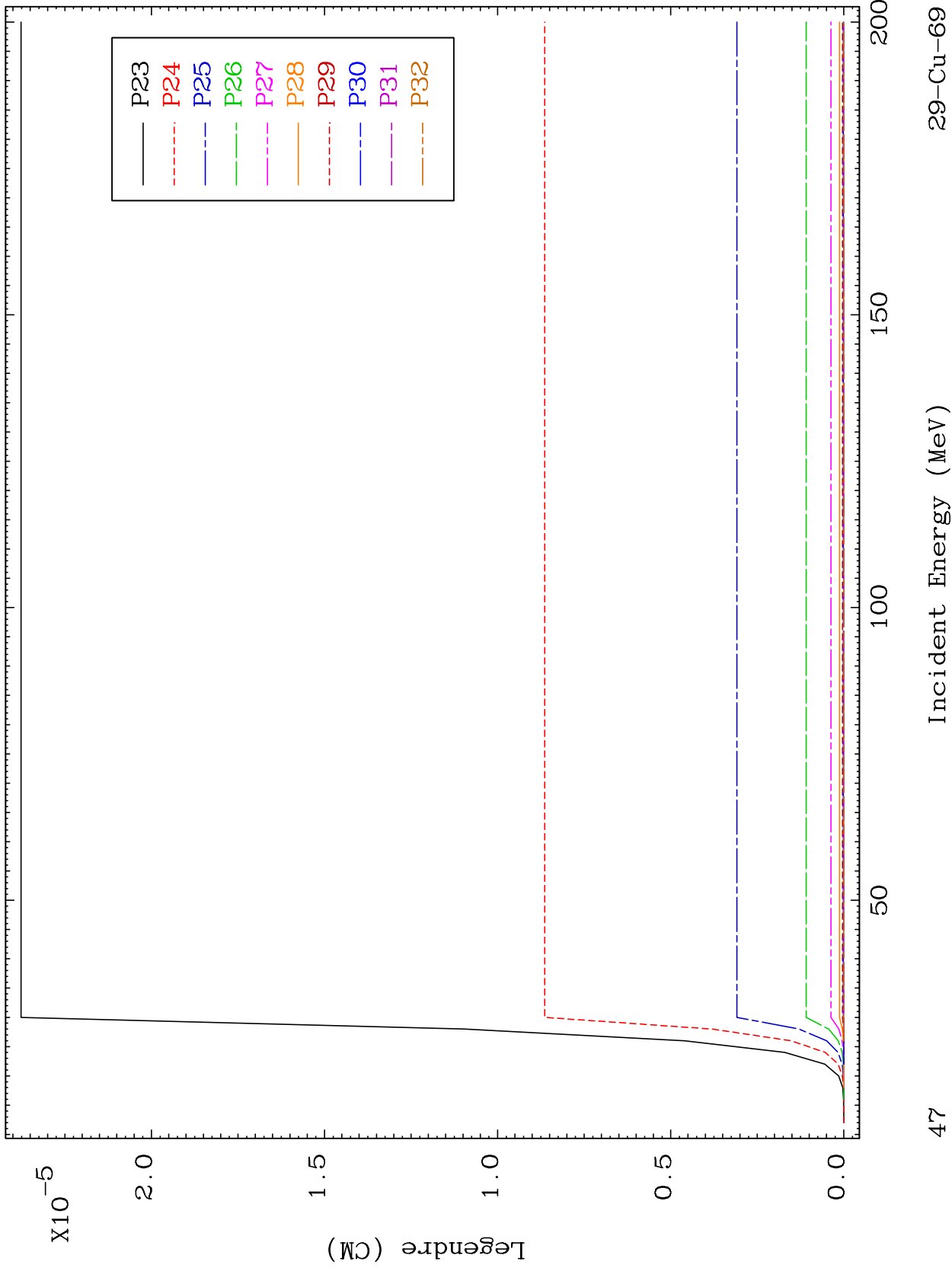
Incident Energy (MeV)

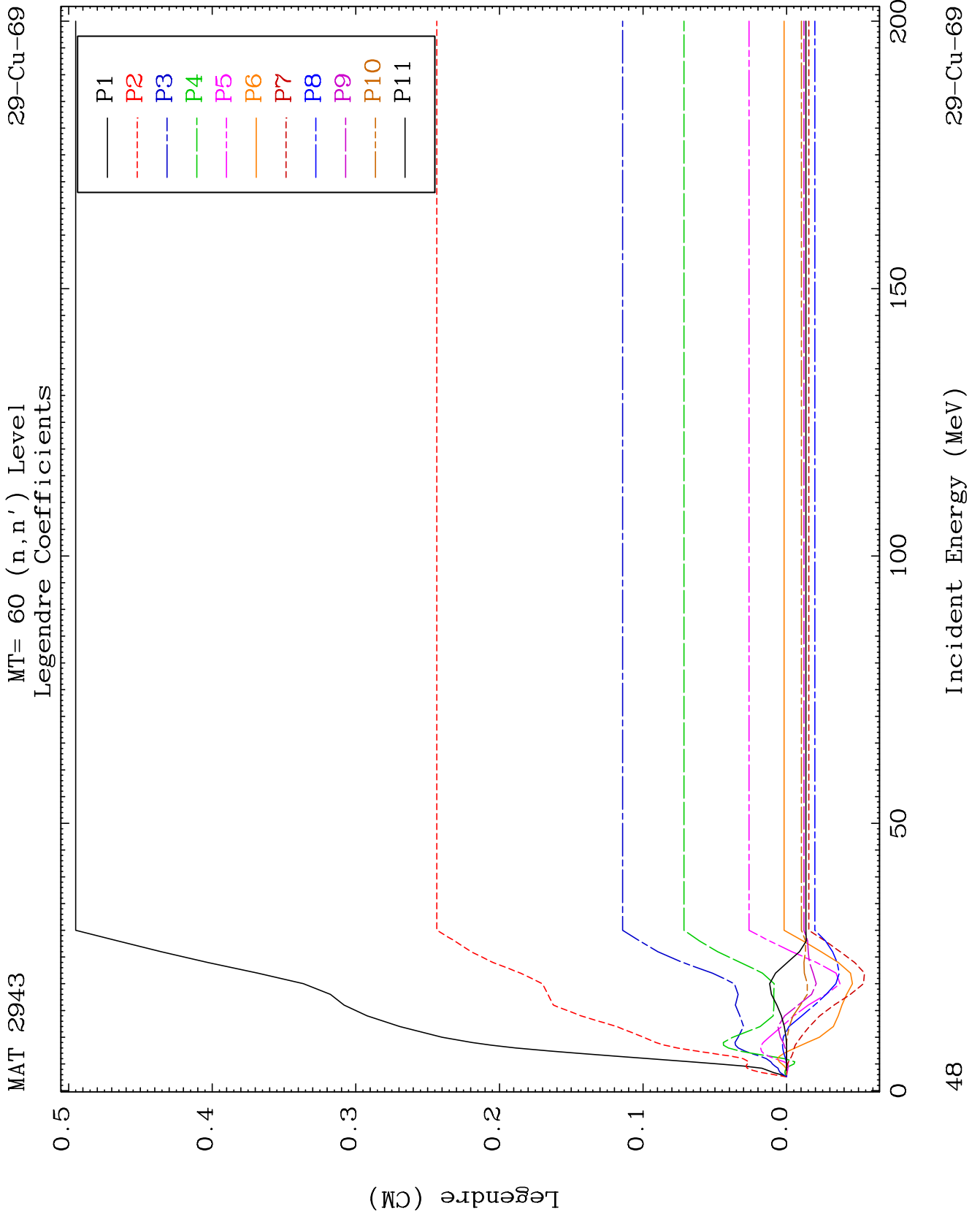
29-Cu-69

MAT 2943

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

29-Cu-69

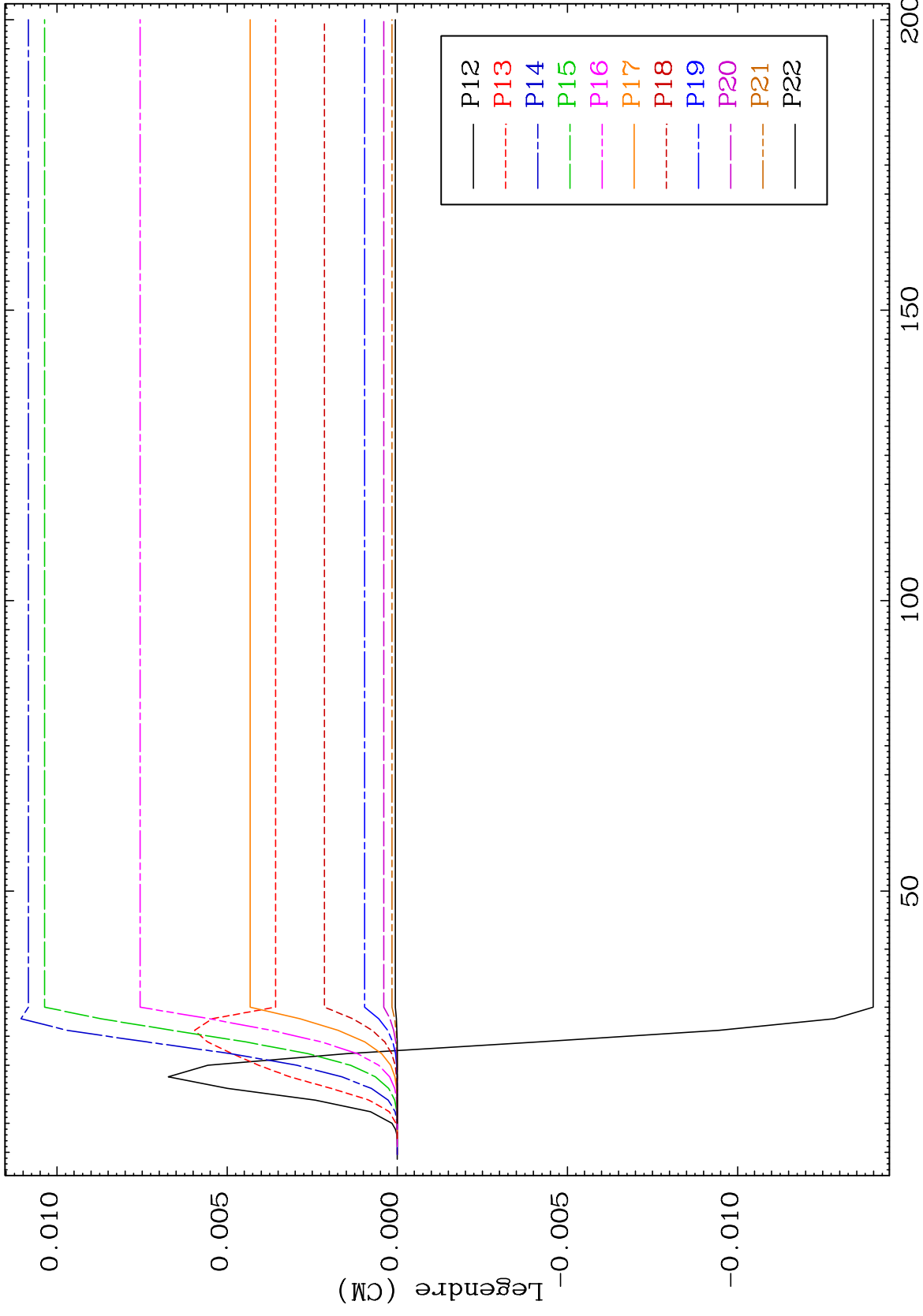




MAT 2943

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

29-Cu-69



49

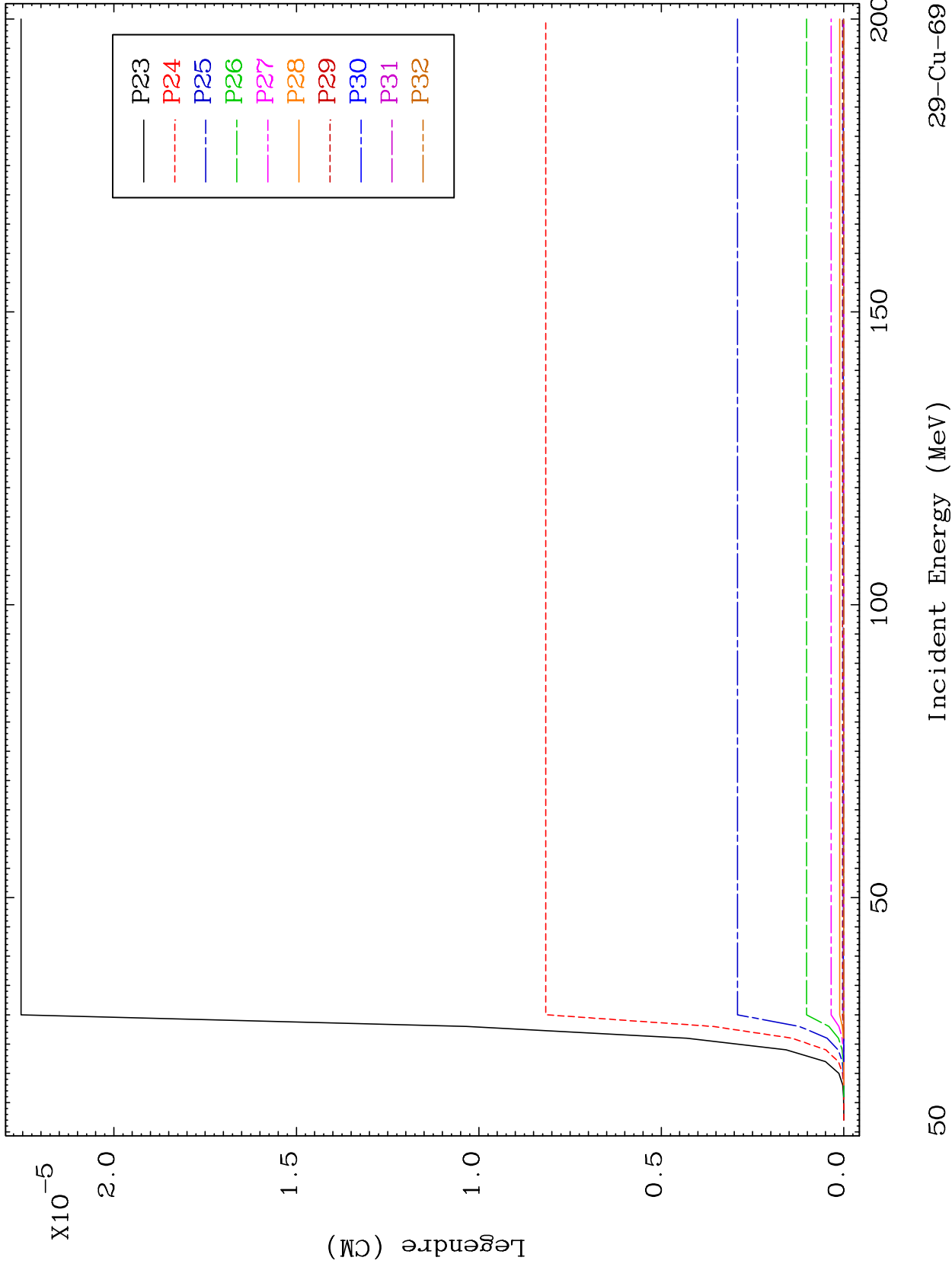
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

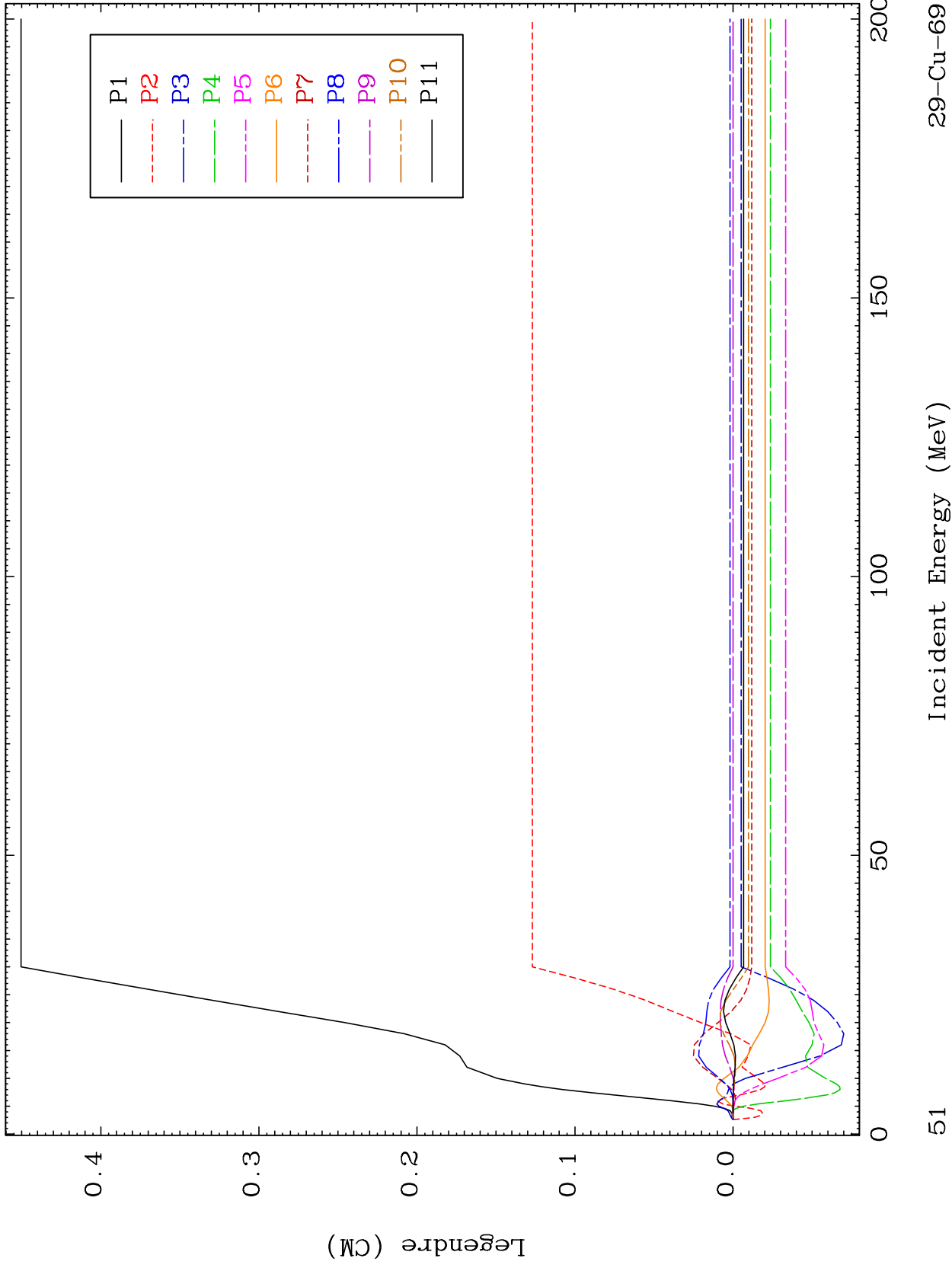
29-Cu-69



MAT 2943

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

29-Cu-69



51

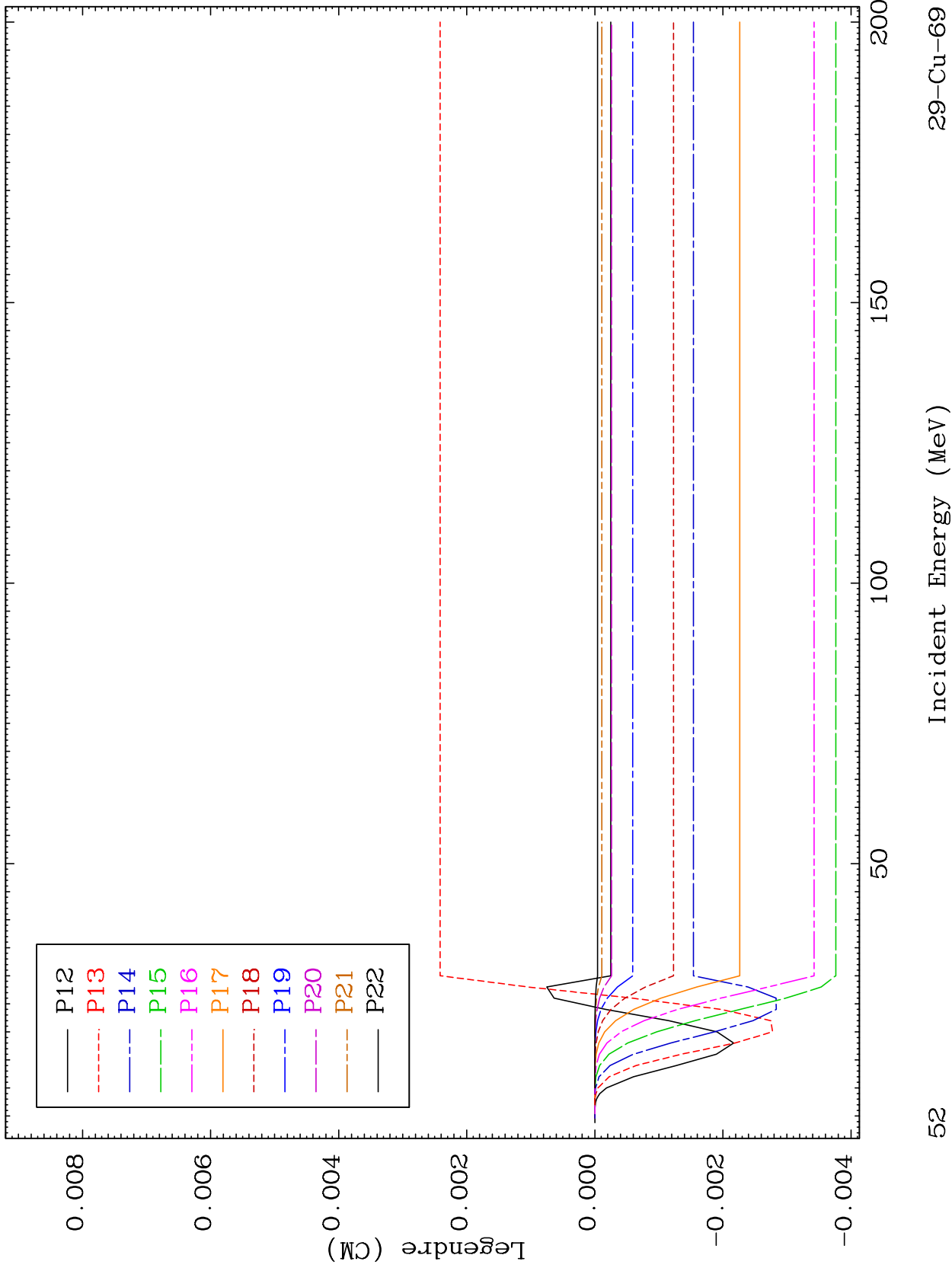
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

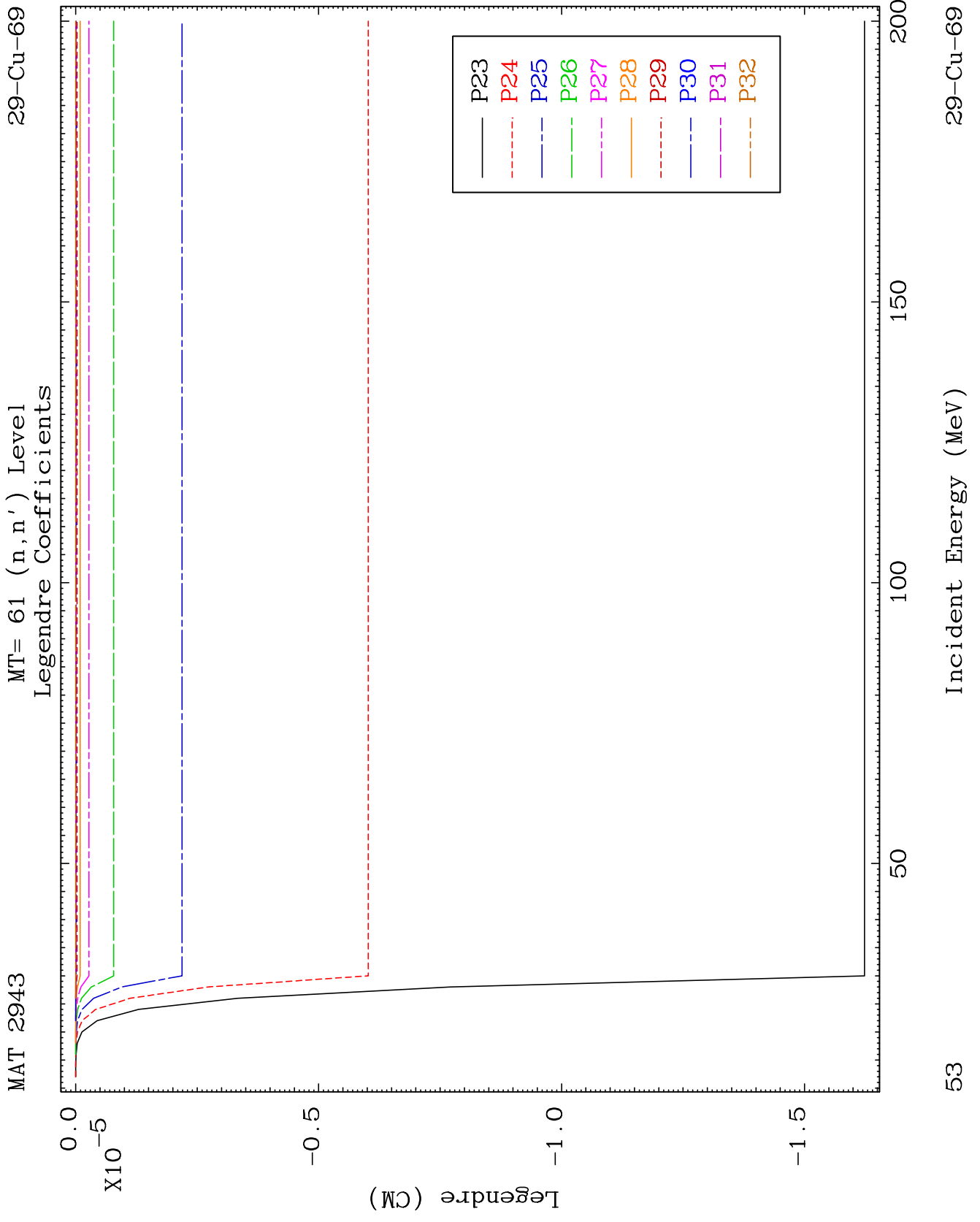
29-Cu-69



52

Incident Energy (MeV)

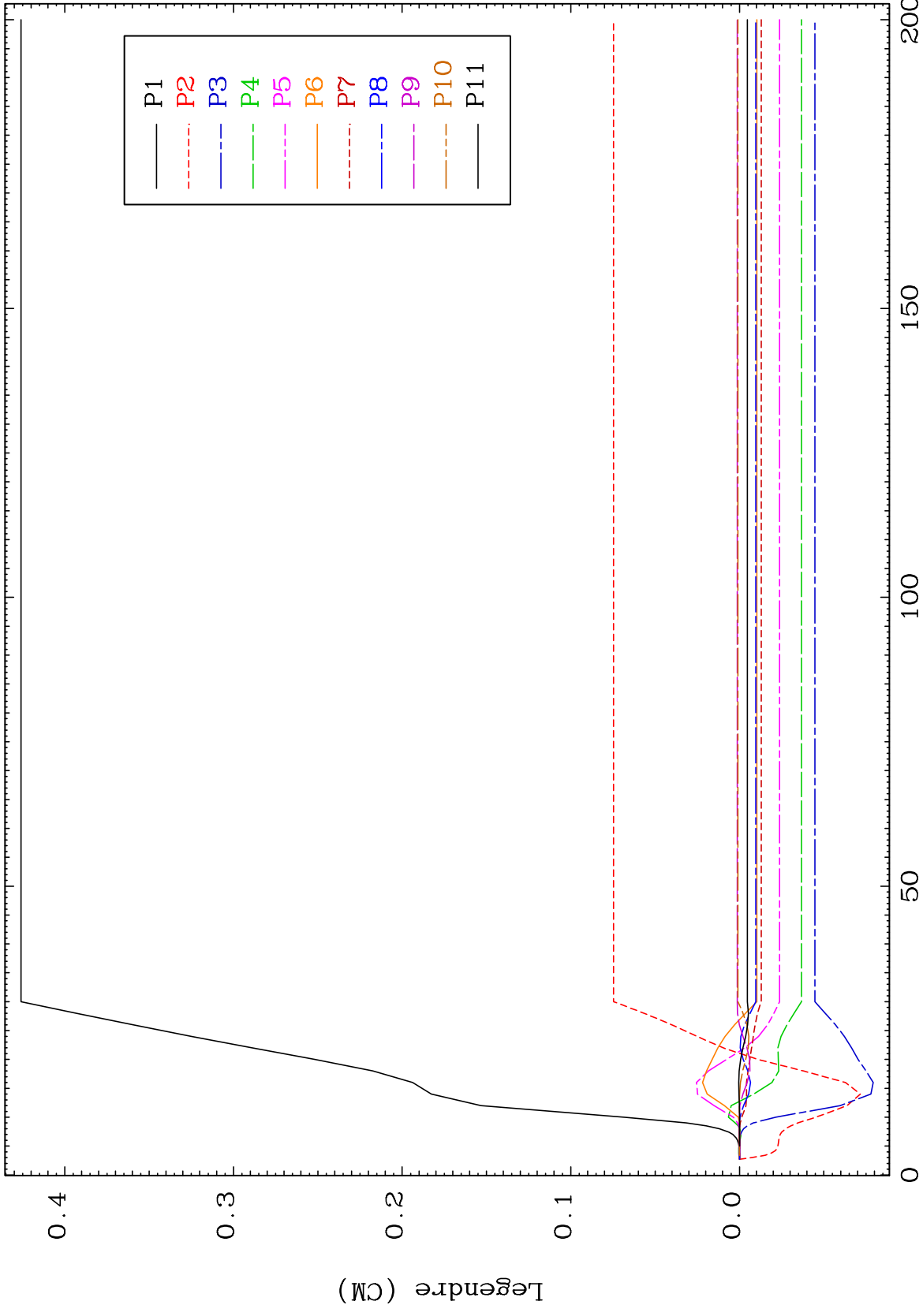
29-Cu-69



MAT 2943

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

29-Cu-69



54

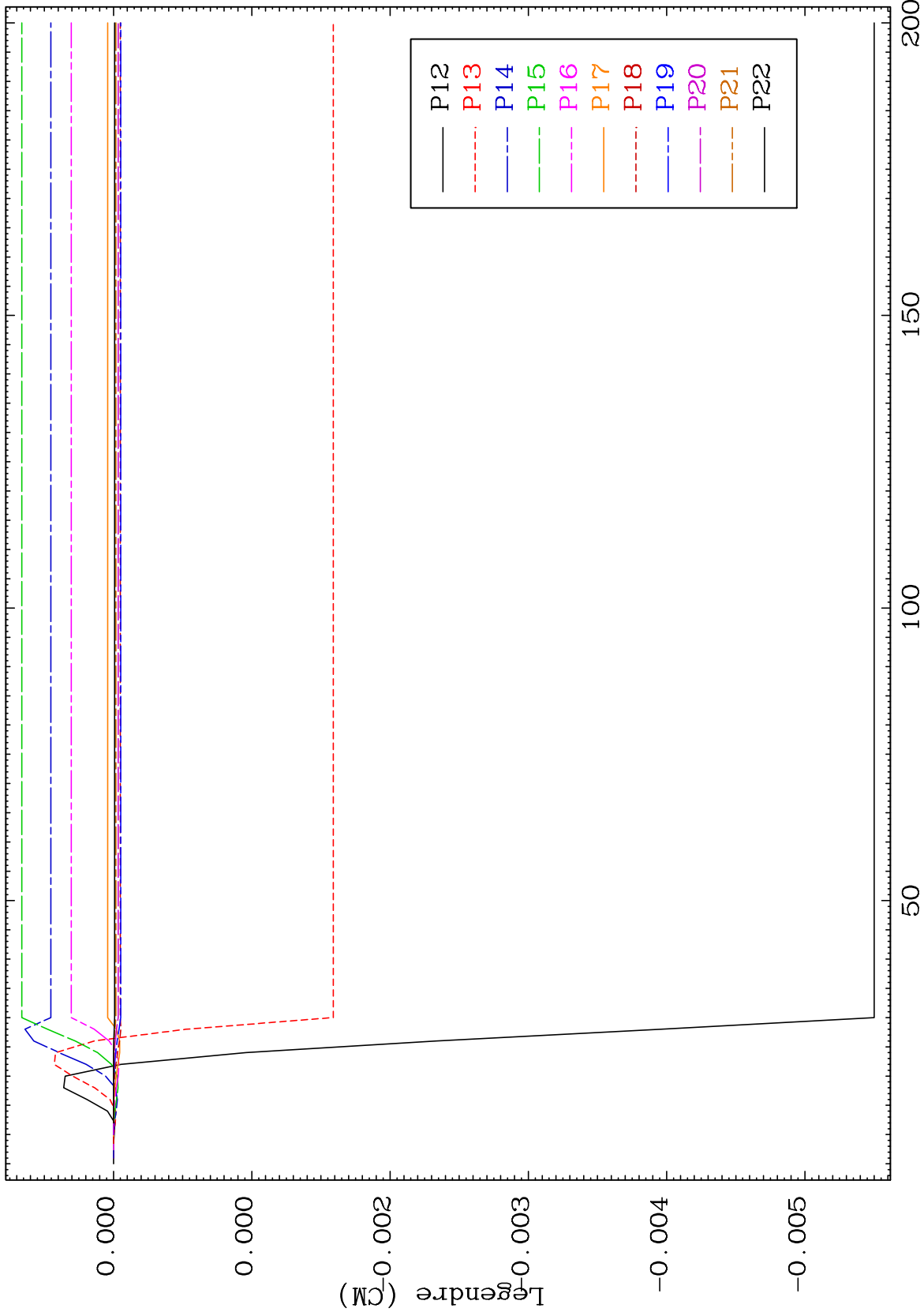
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

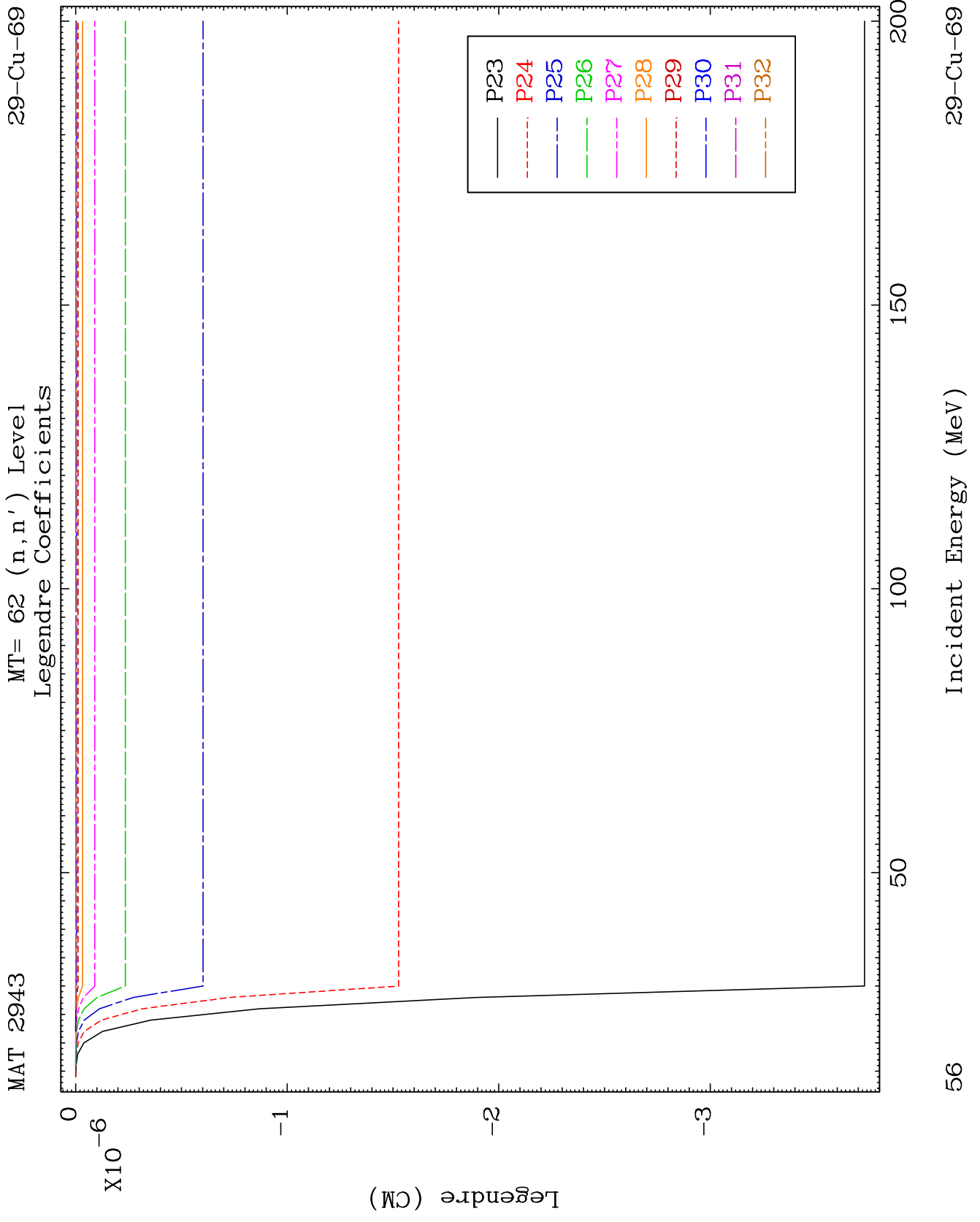
29-Cu-69



55

Incident Energy (MeV)

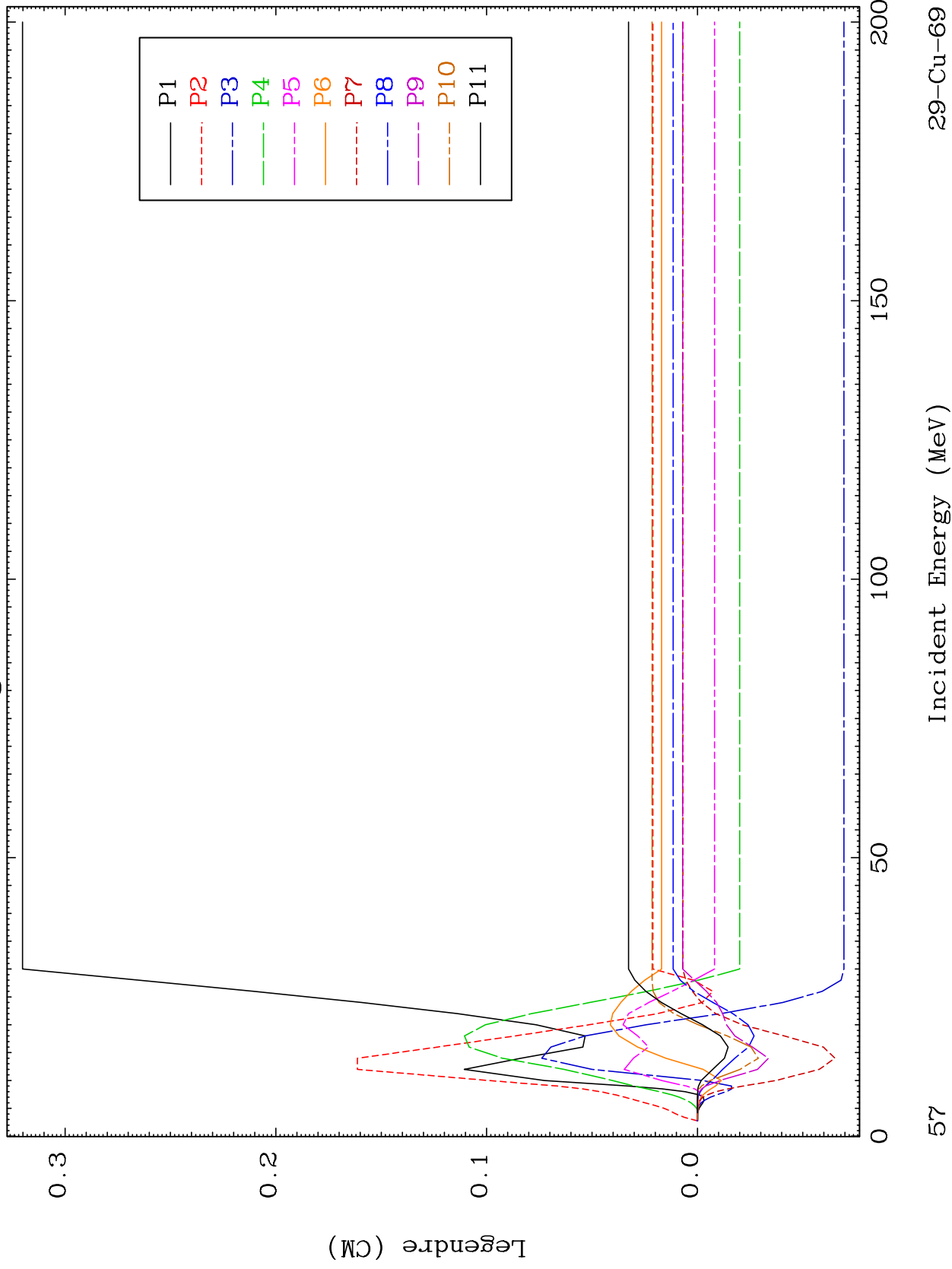
29-Cu-69



MAT 2943

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

29-Cu-69



29-Cu-69

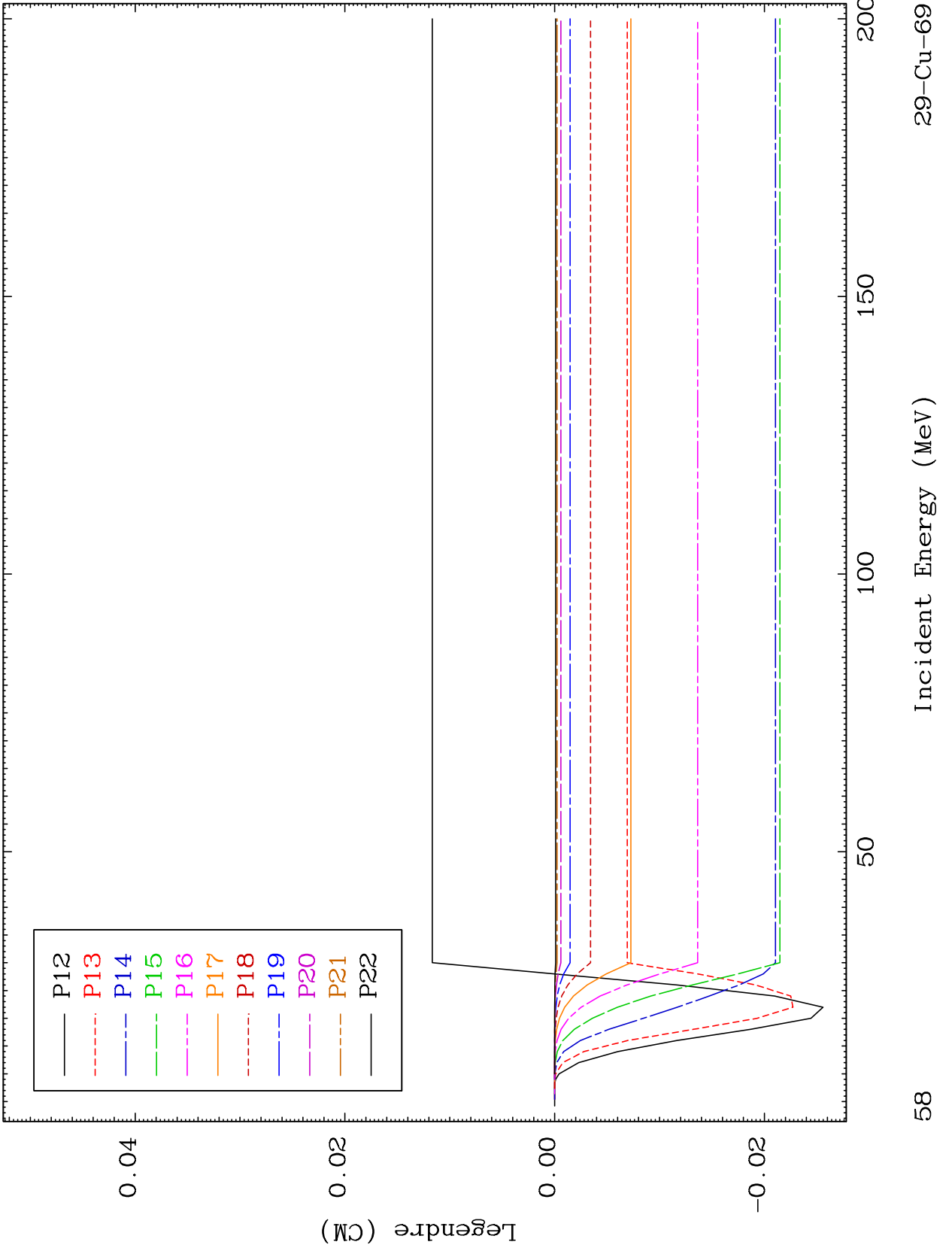
Incident Energy (MeV)

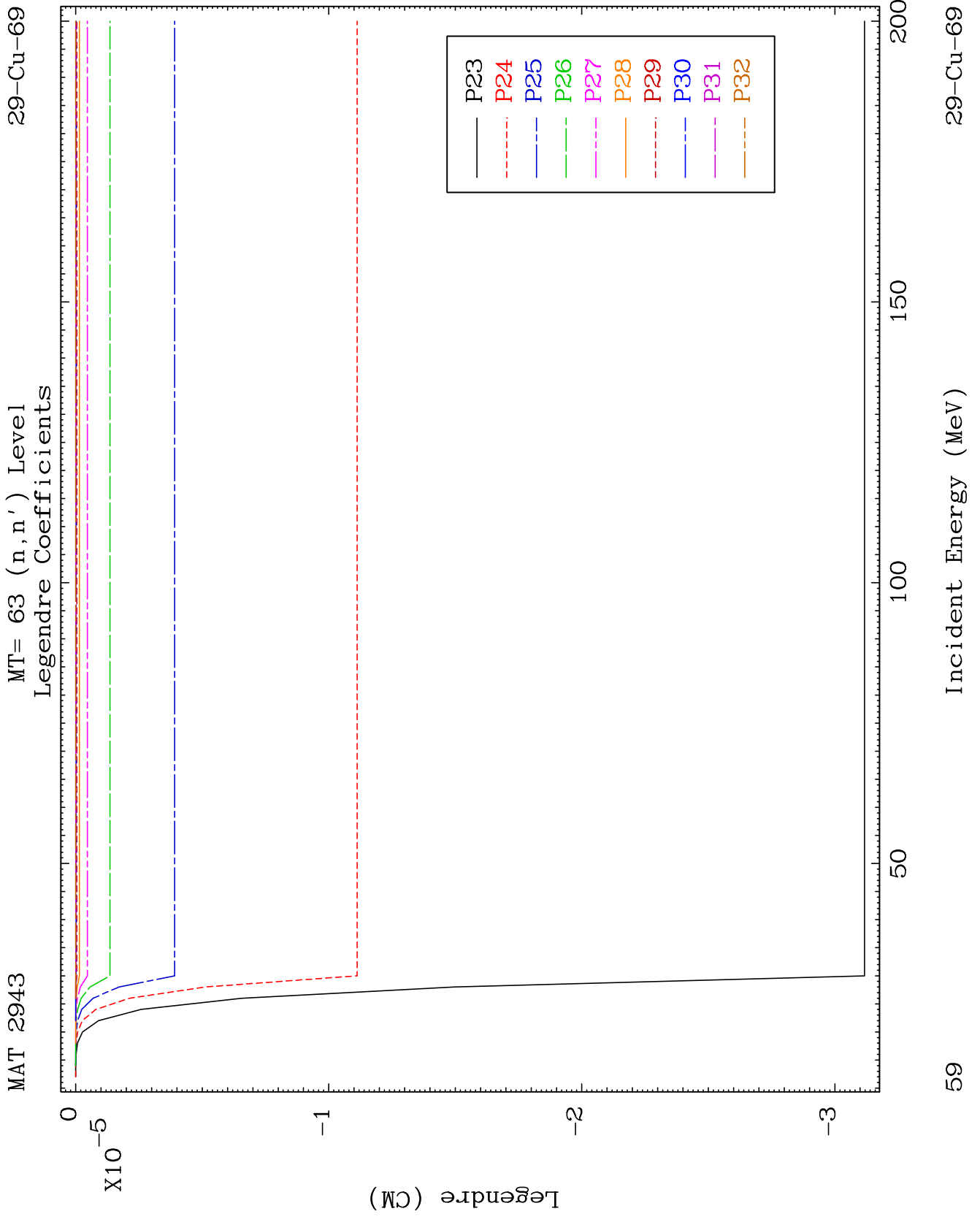
57

MAT 2943

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

29-Cu-69

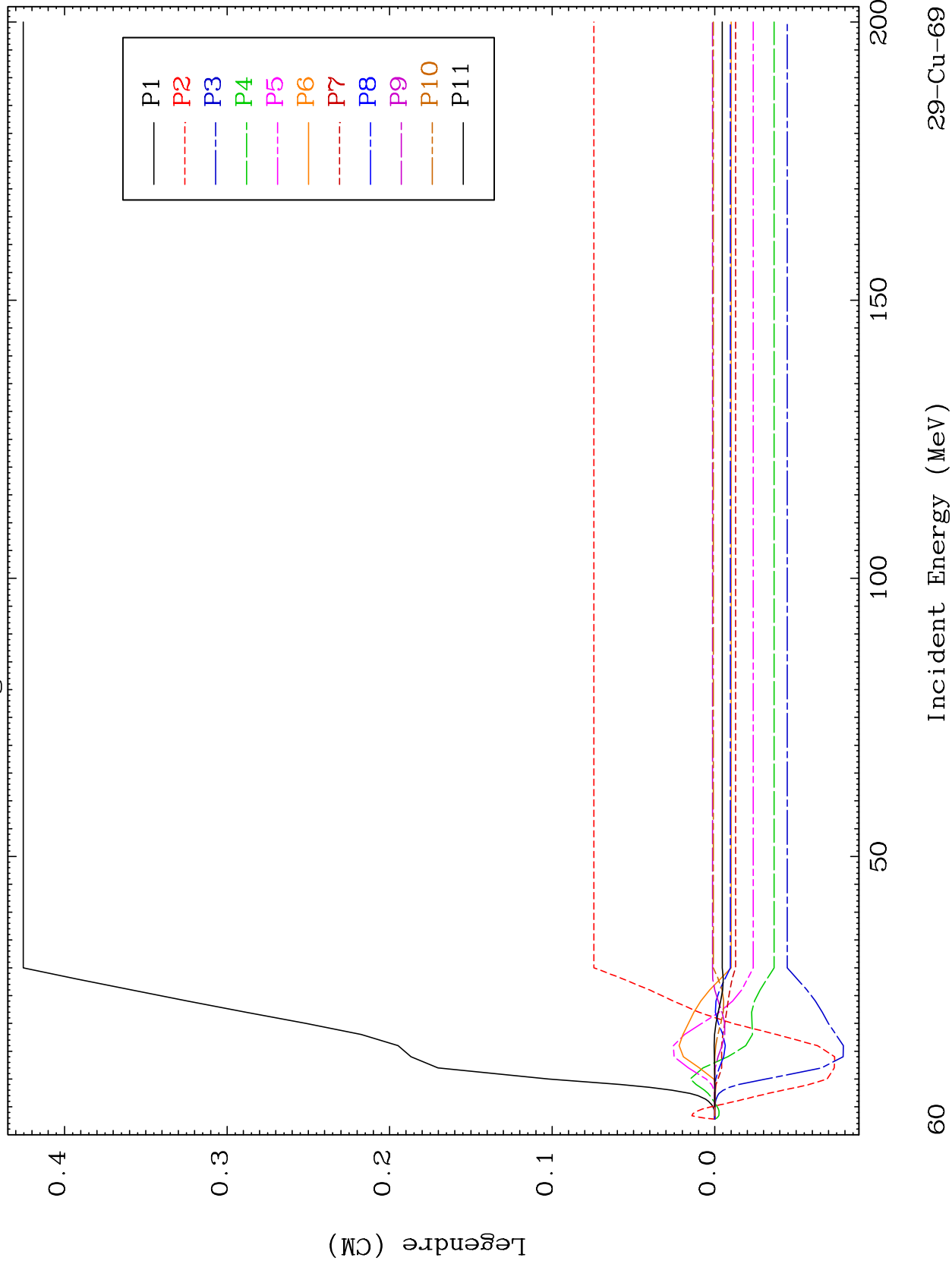




MAT 2943

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

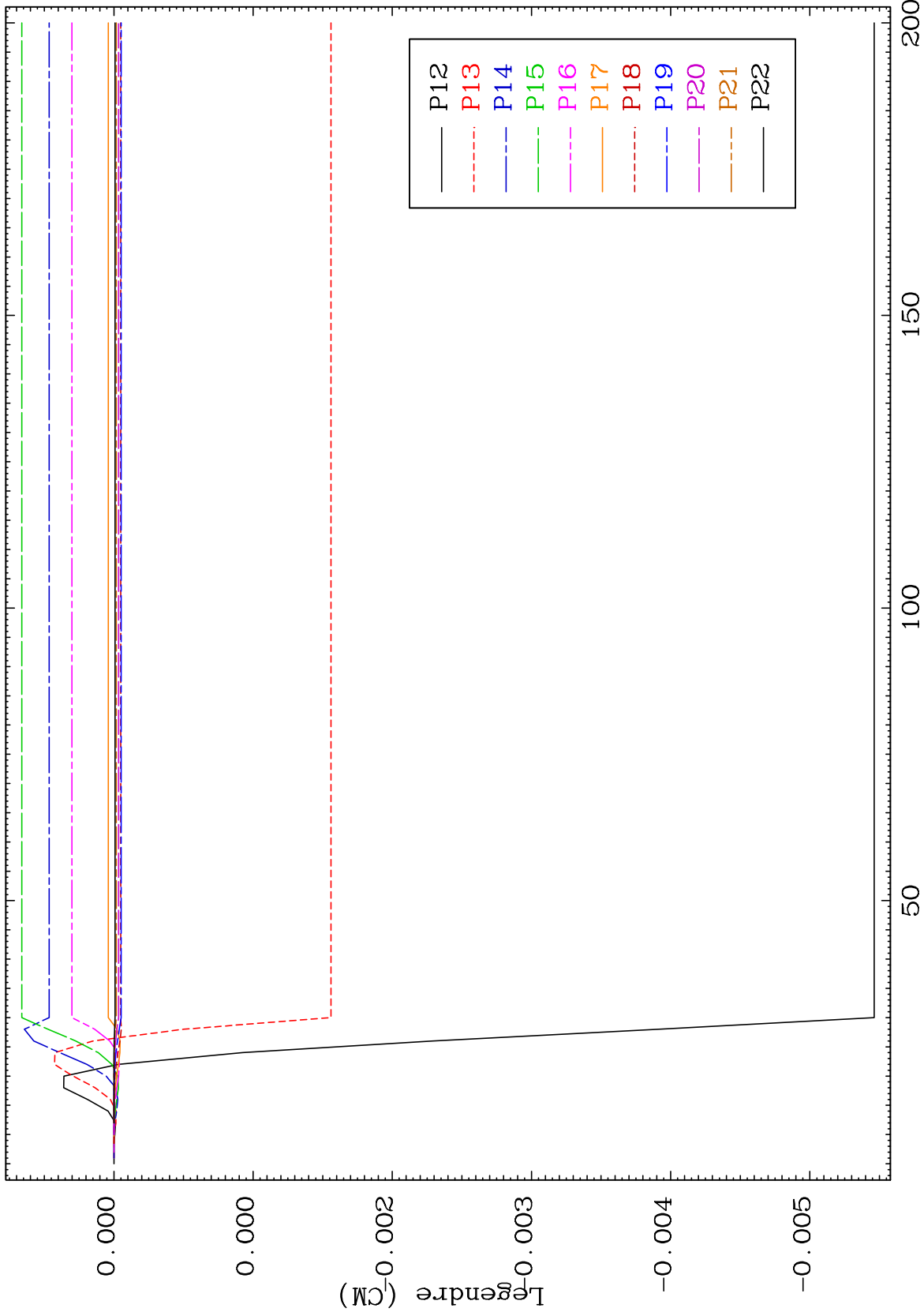
29-Cu-69

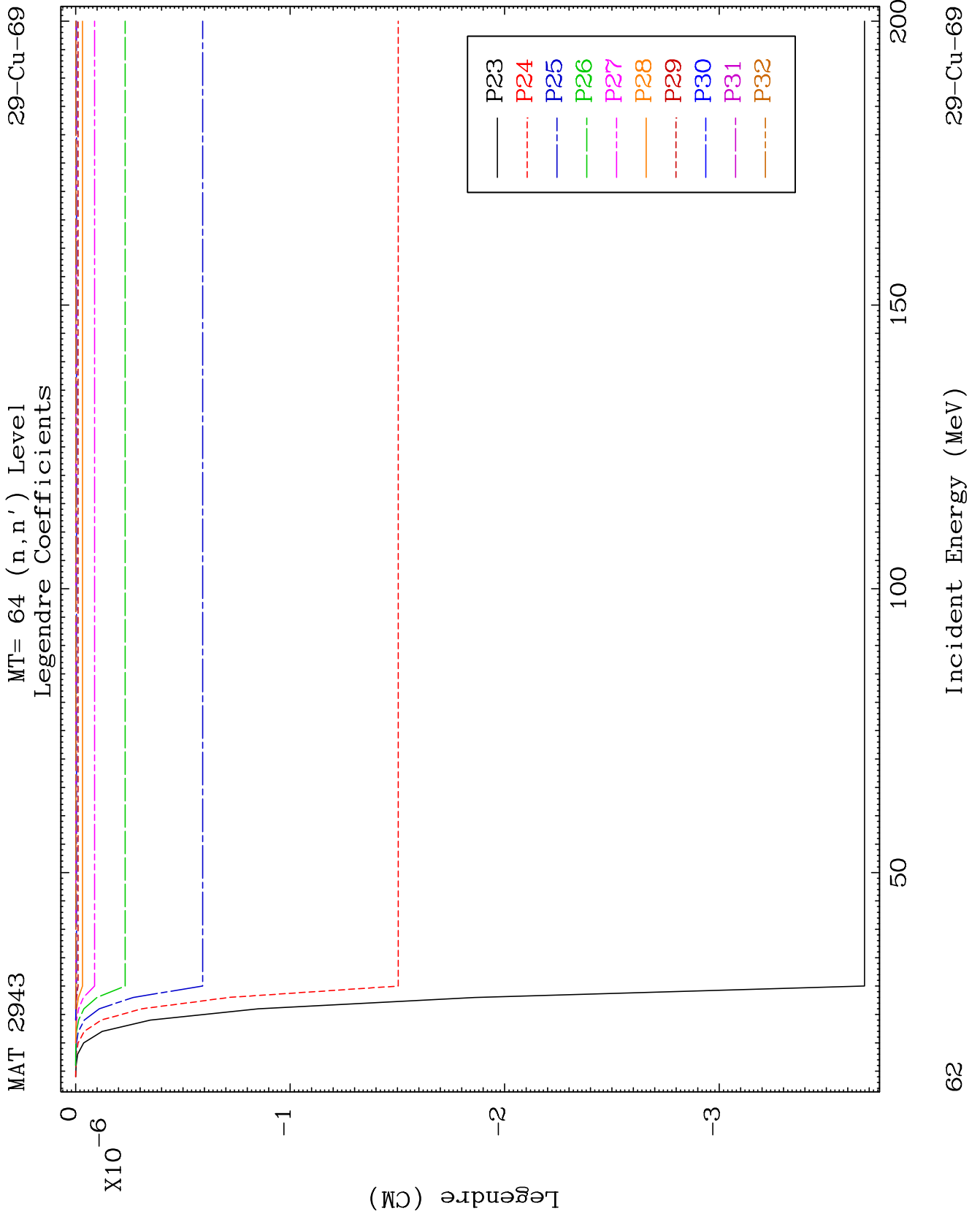


MAT 2943

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

29-Cu-69

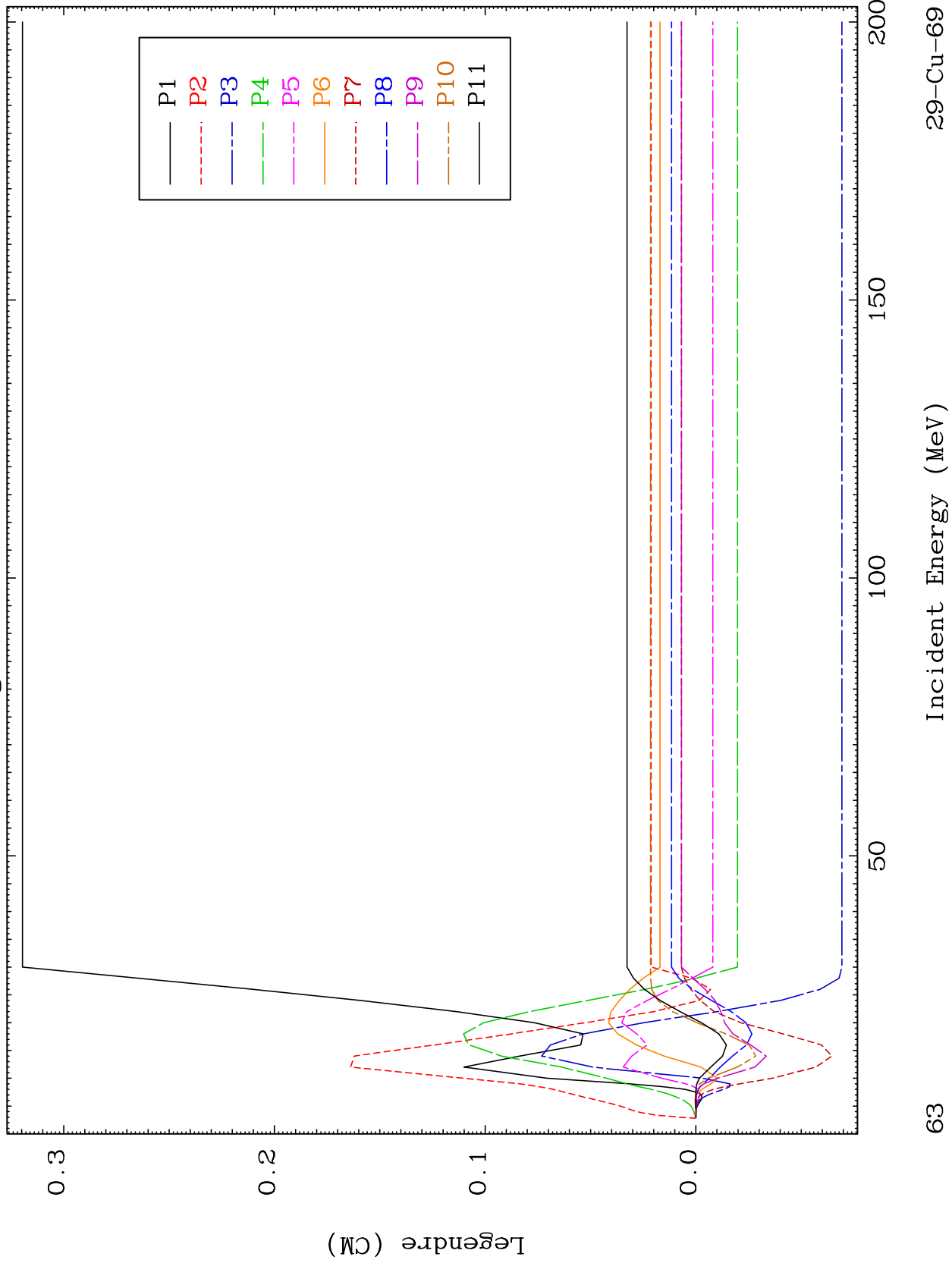




MAT 2943

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

29-Cu-69



63

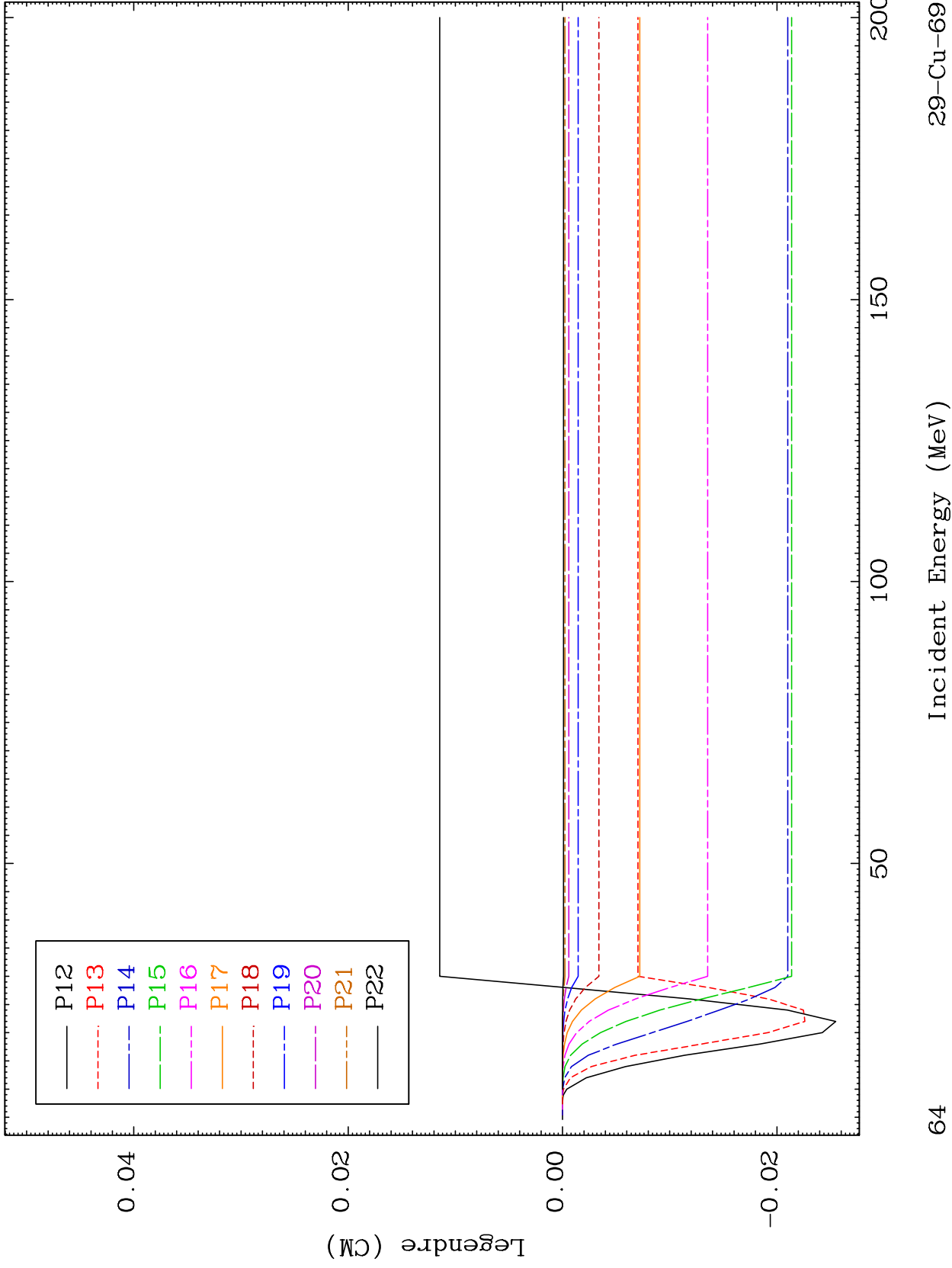
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

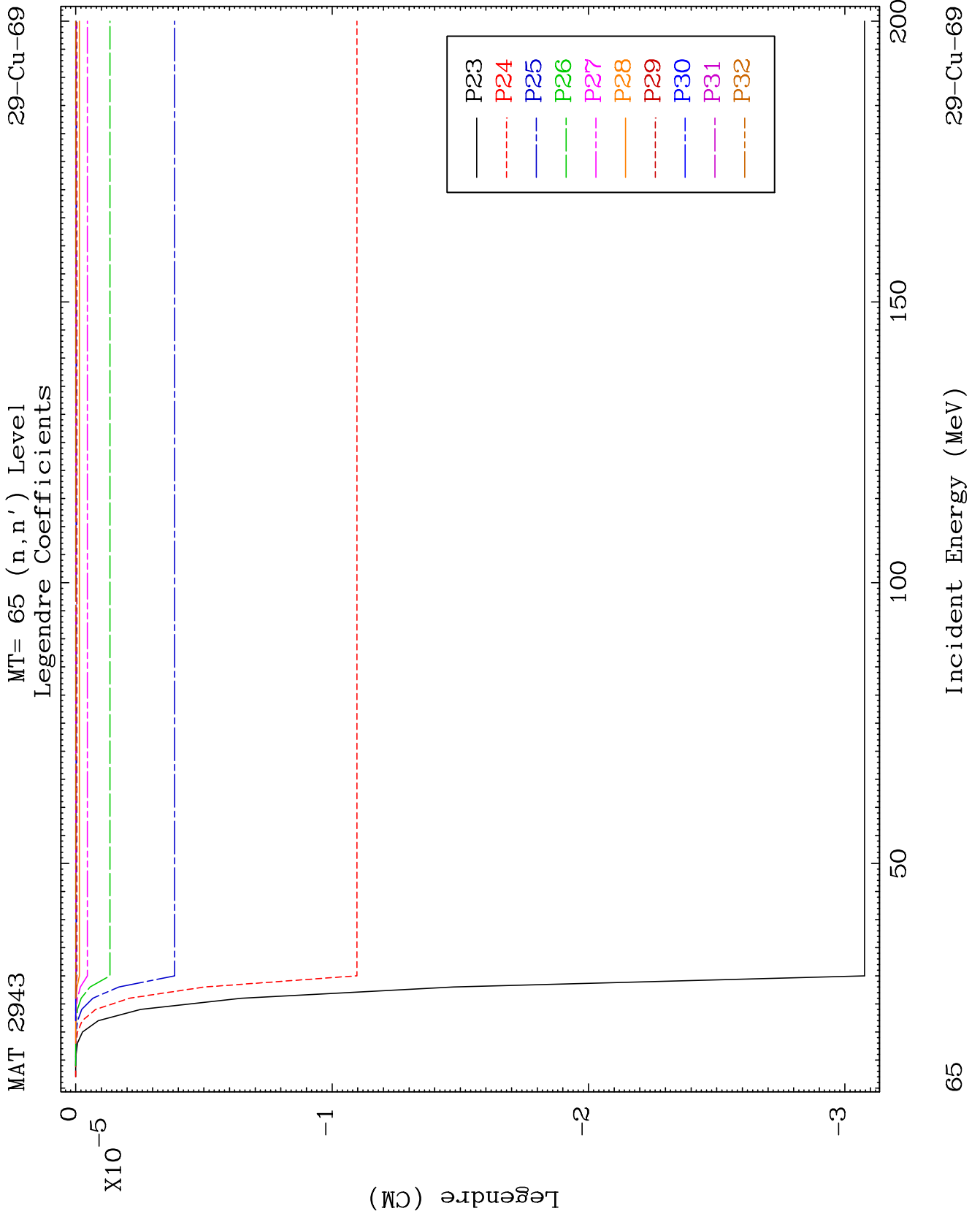
29-Cu-69

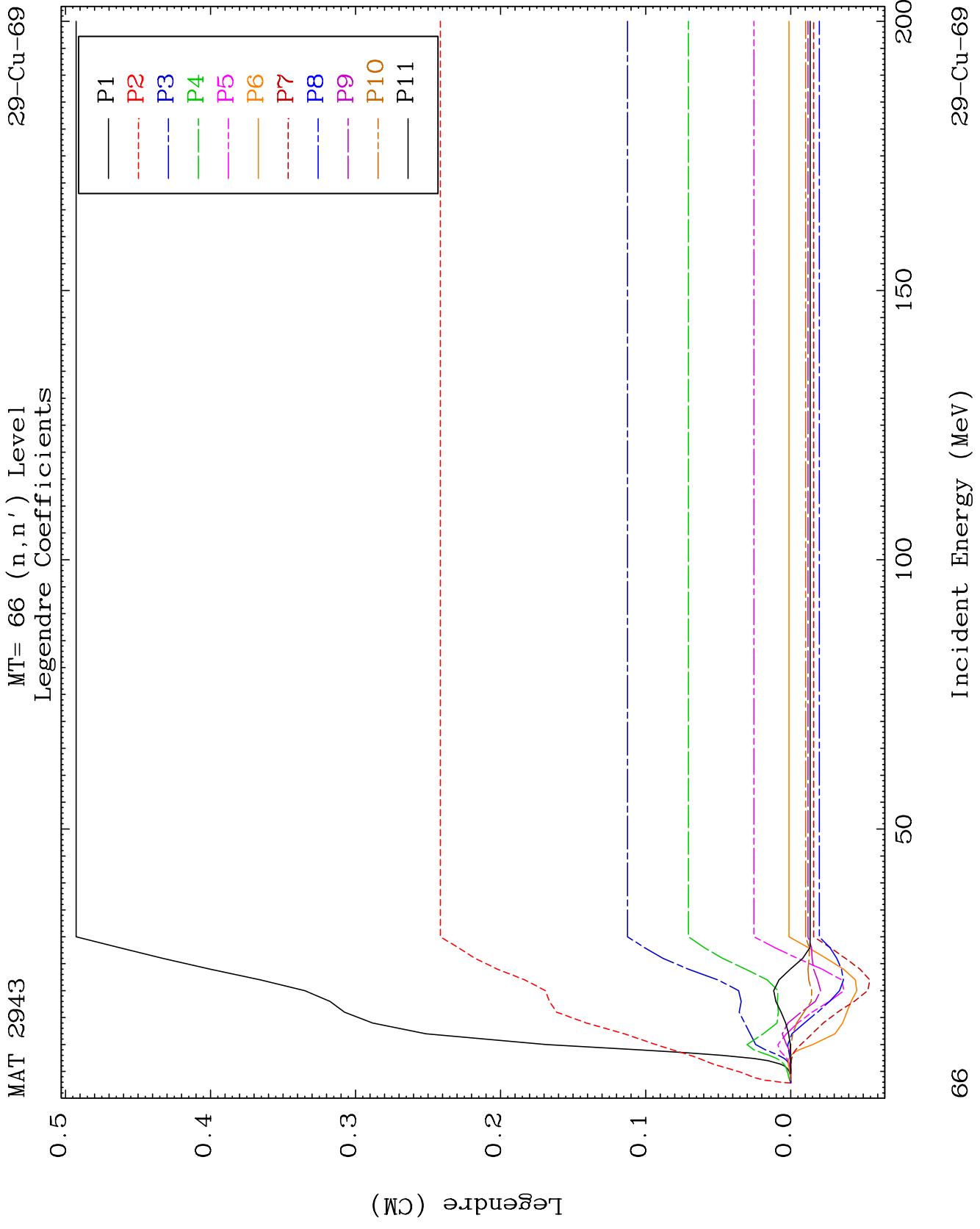


64

Incident Energy (MeV)

29-Cu-69

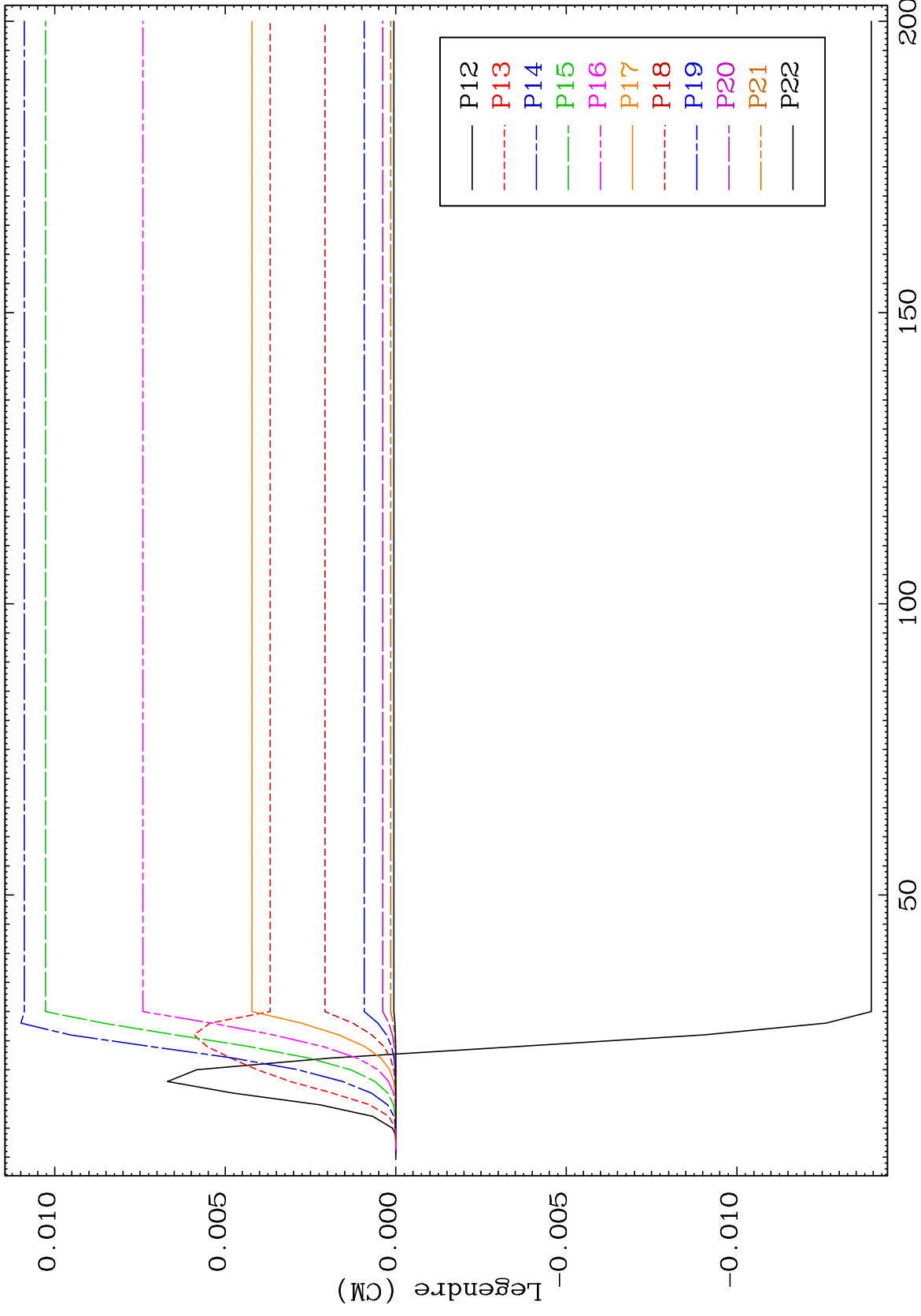




MAT 2943

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

29-Cu-69



67

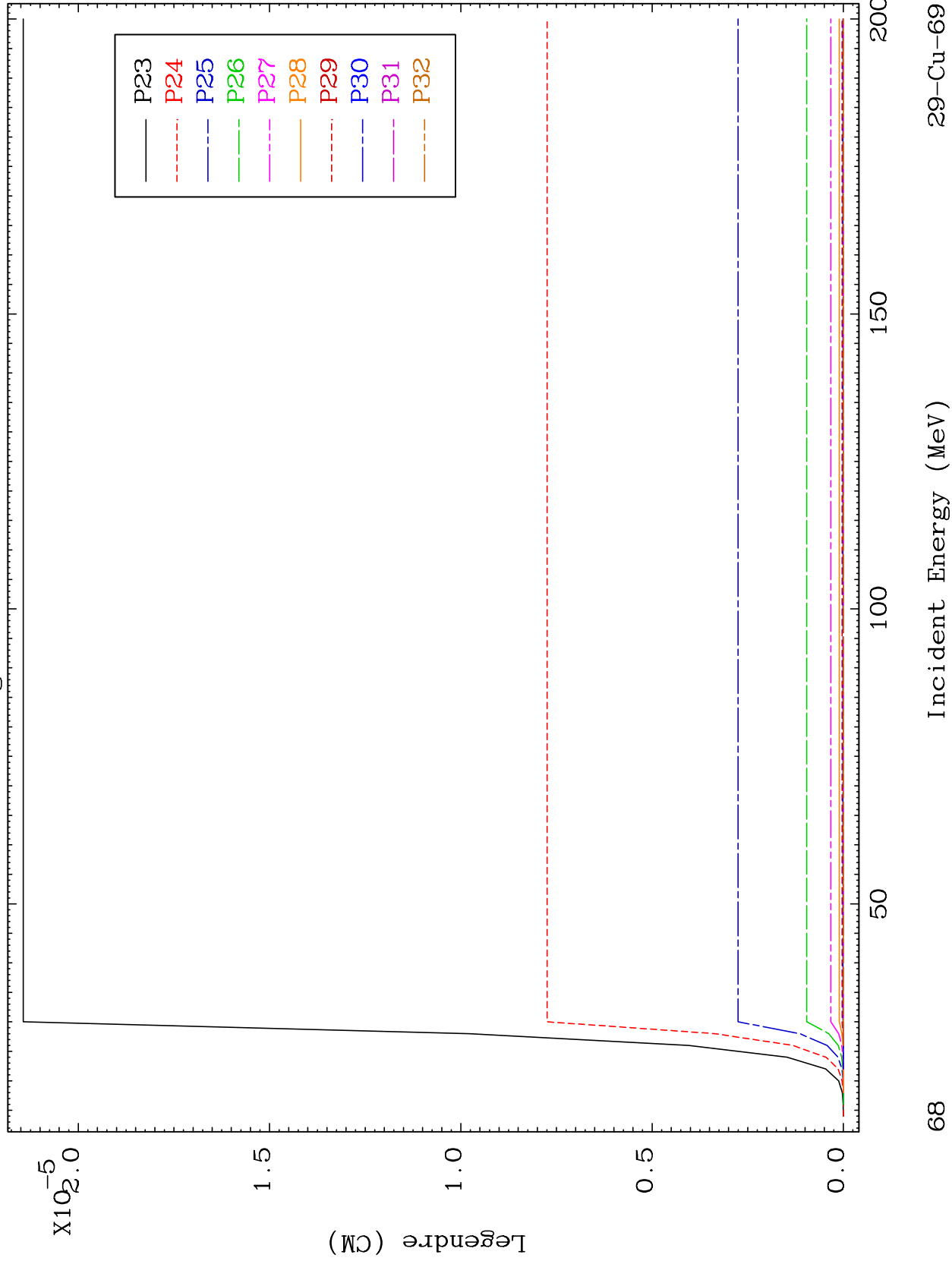
Incident Energy (MeV)

29-Cu-69

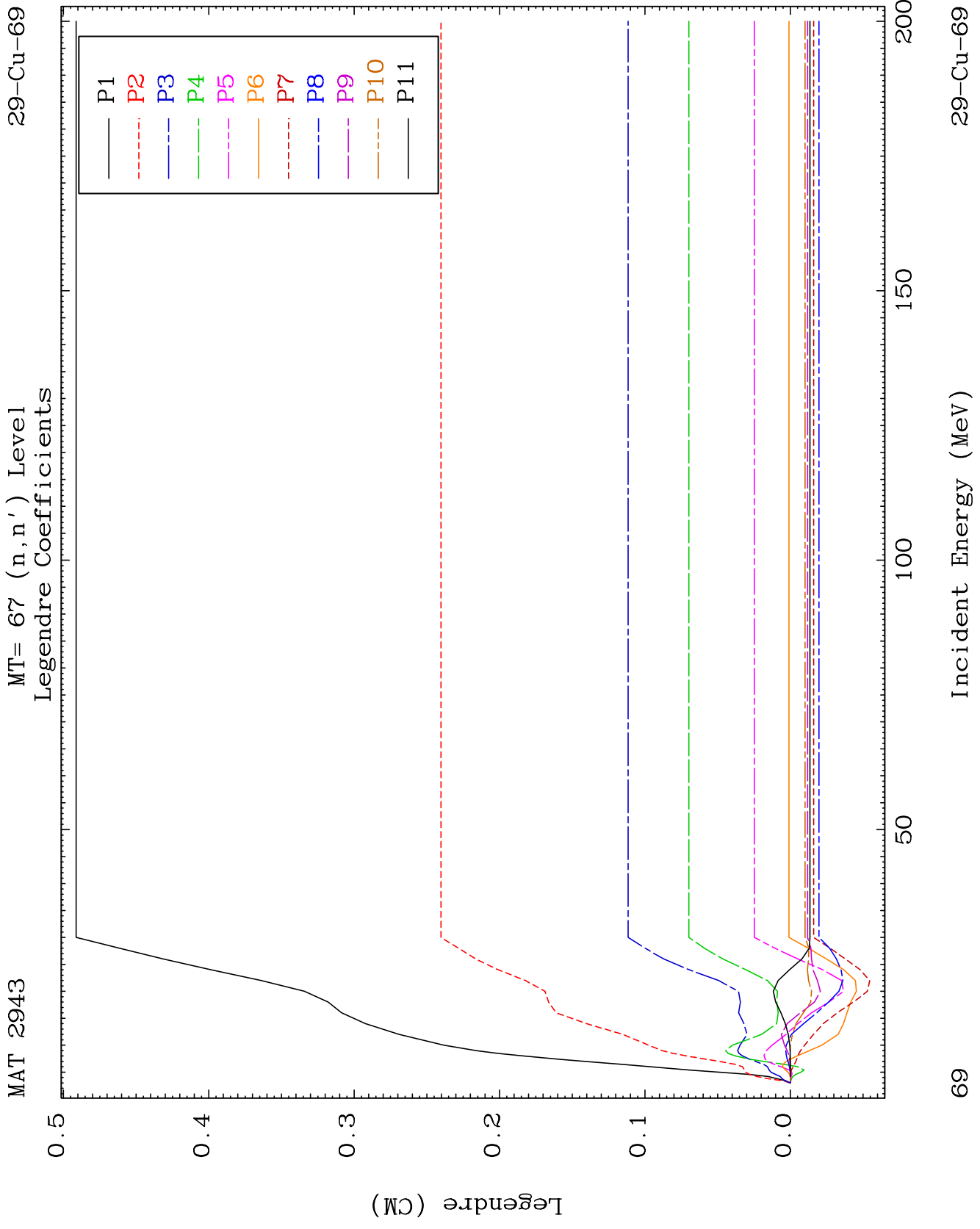
MAT 2943

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

29-Cu-69



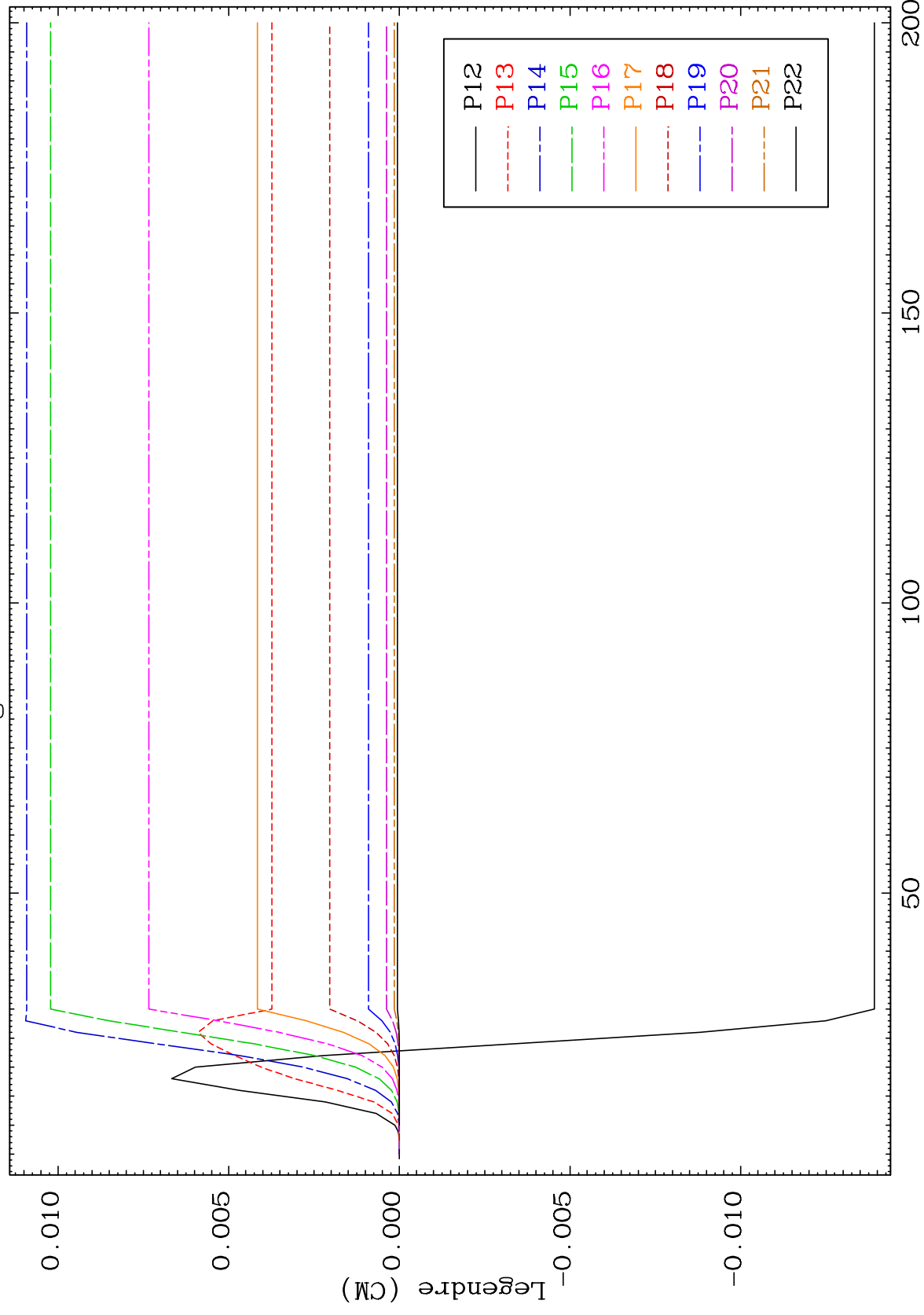
68



MAT 2943

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

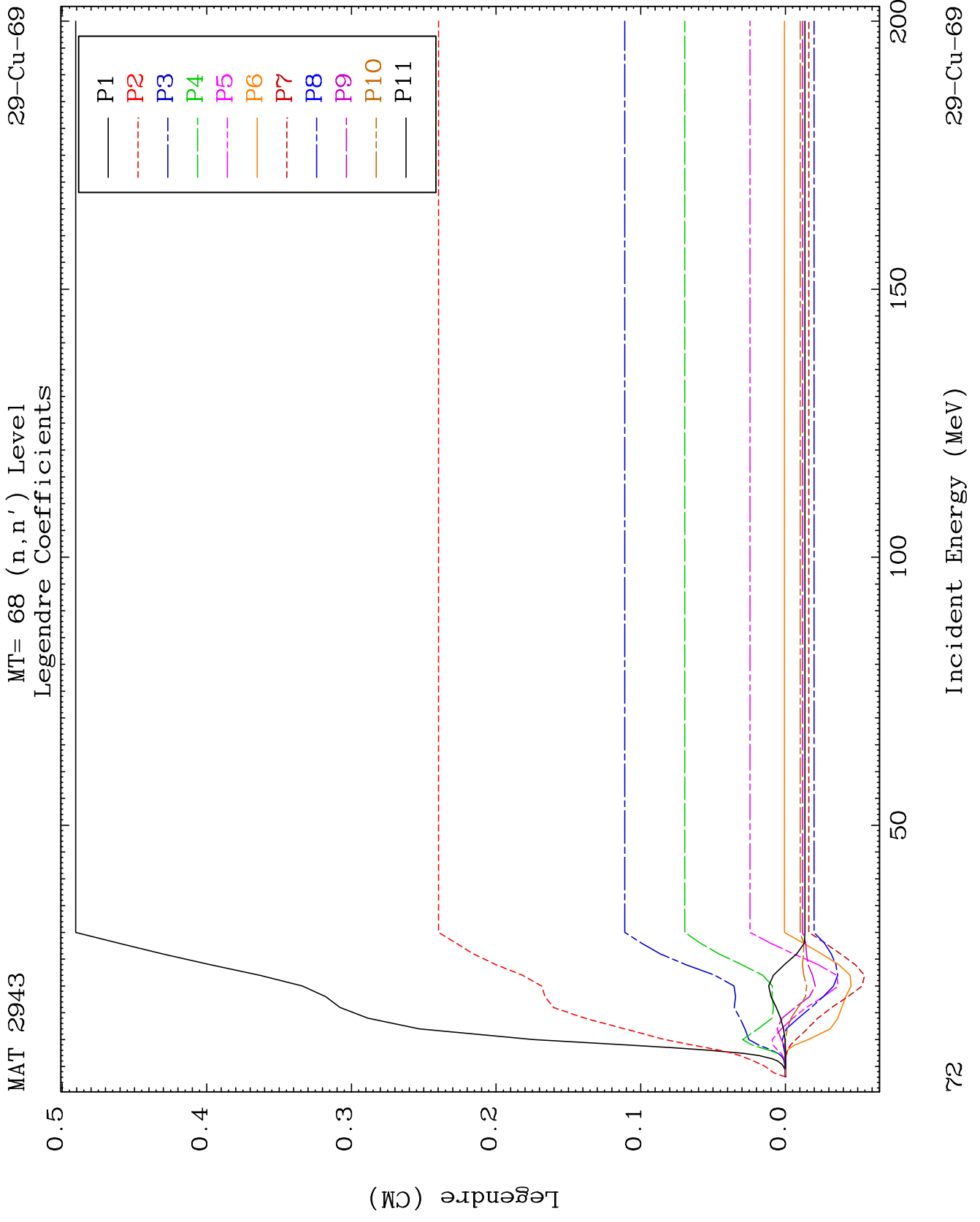
29-Cu-69



70

Incident Energy (MeV)

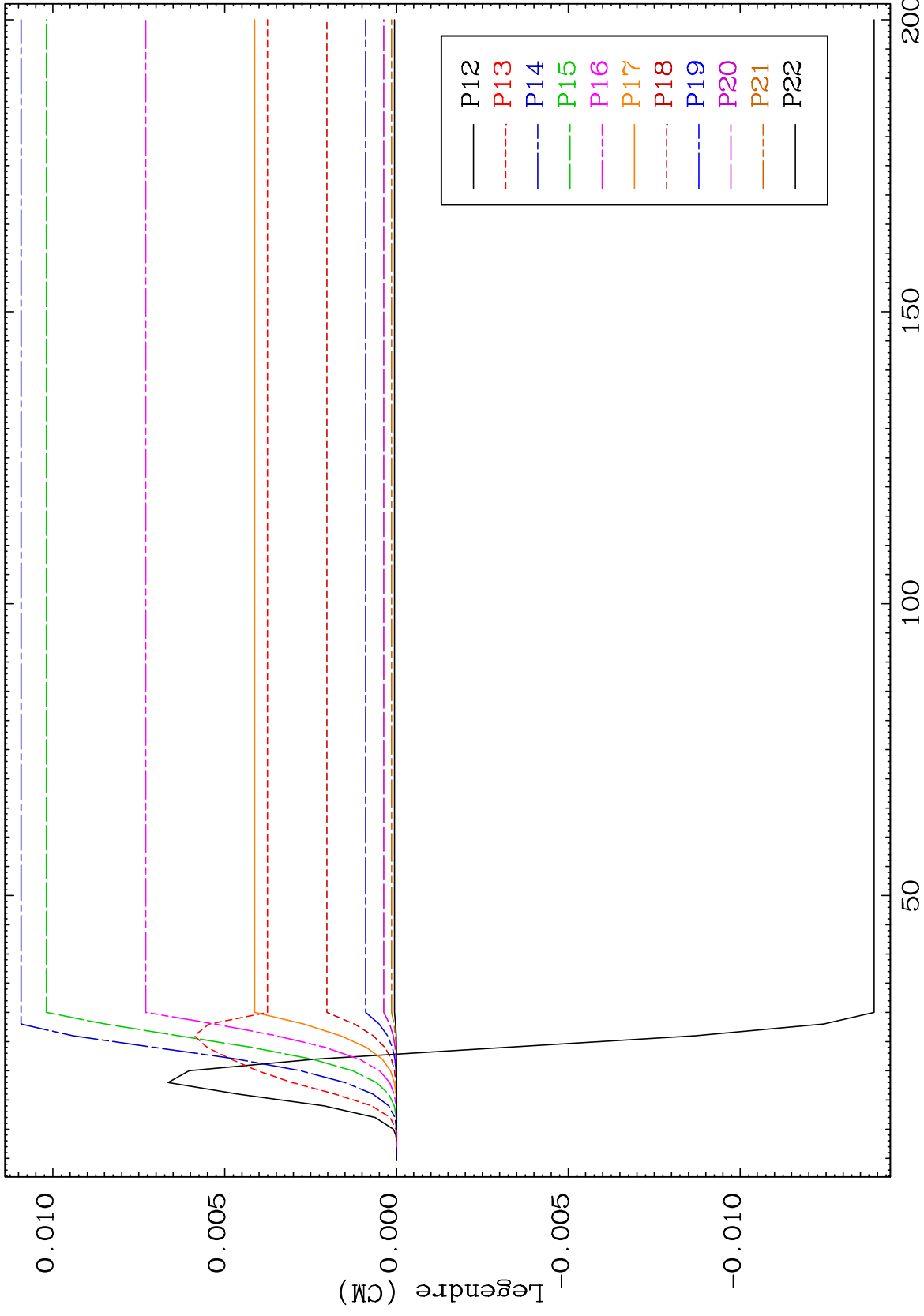
29-Cu-69



MAT 2943

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

29-Cu-69



73

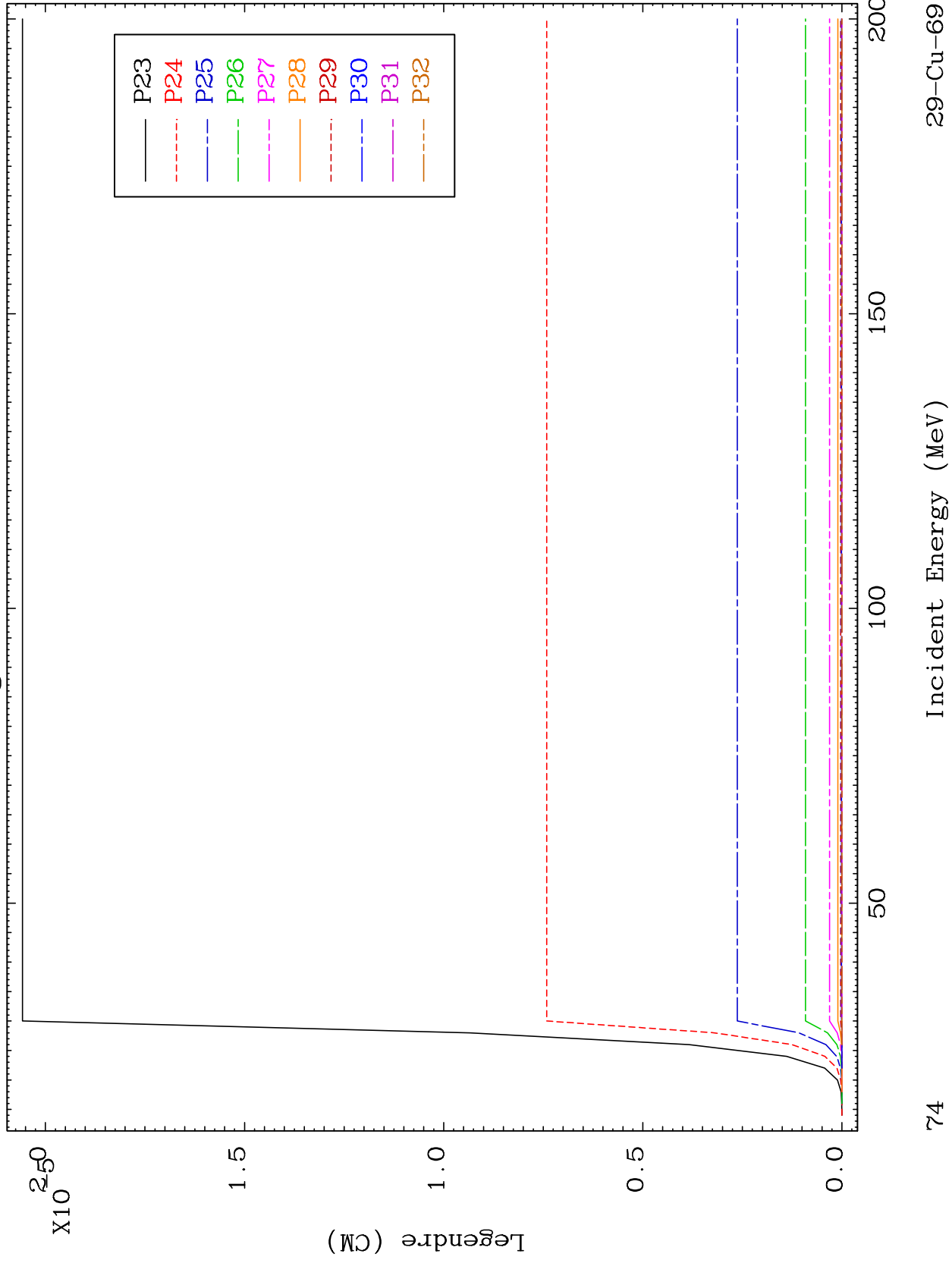
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

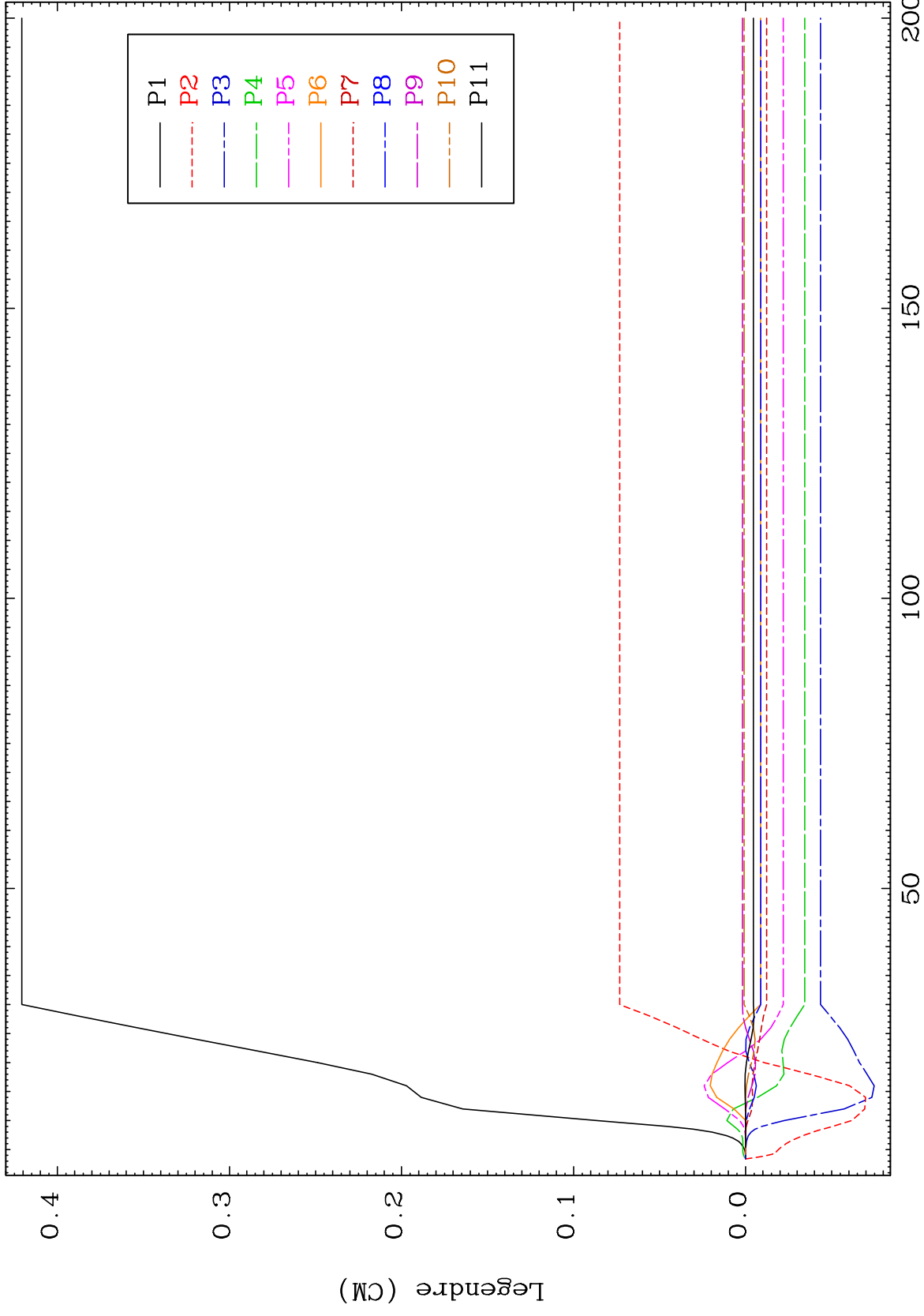
29-Cu-69



MAT 2943

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

29-Cu-69



75

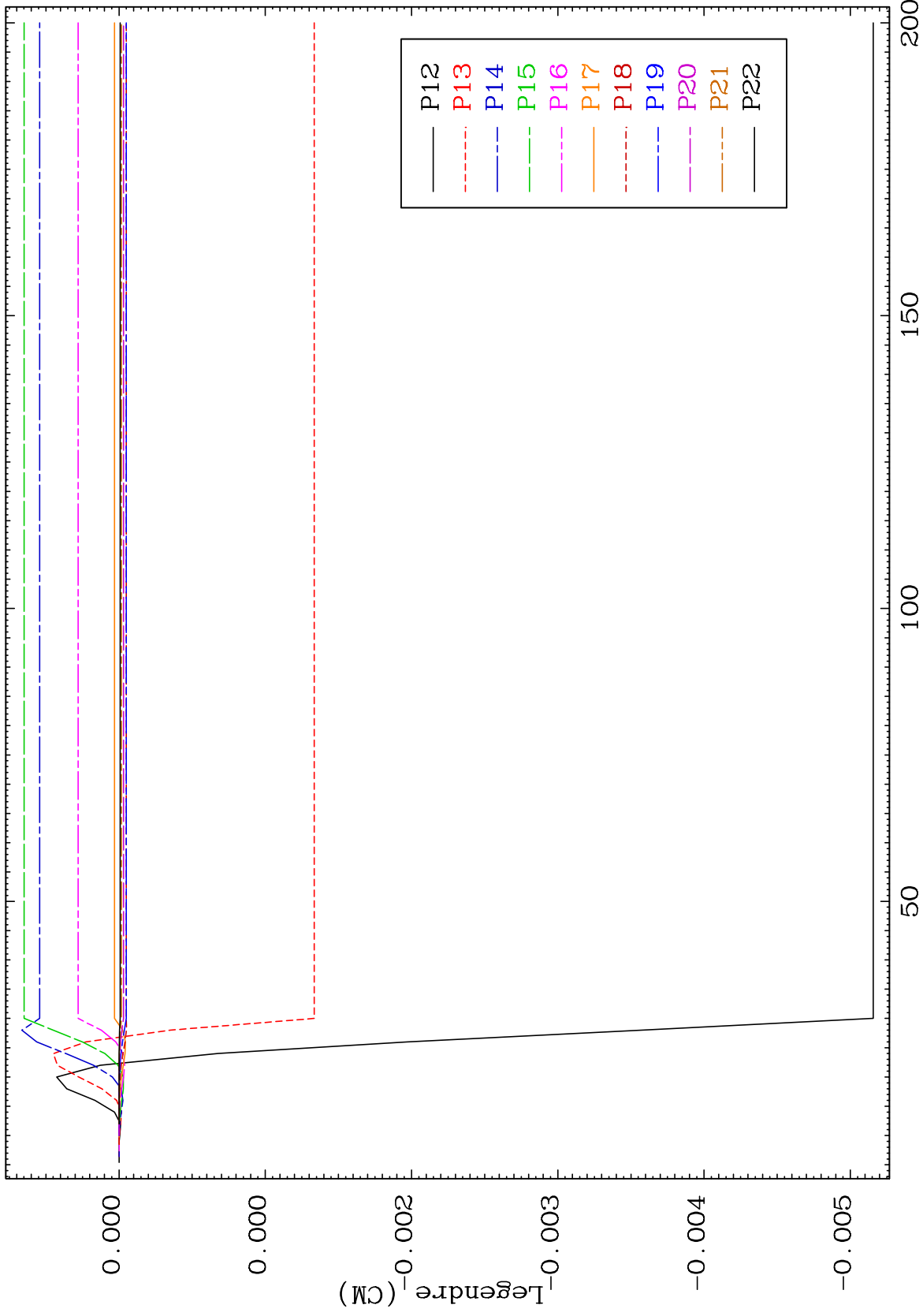
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

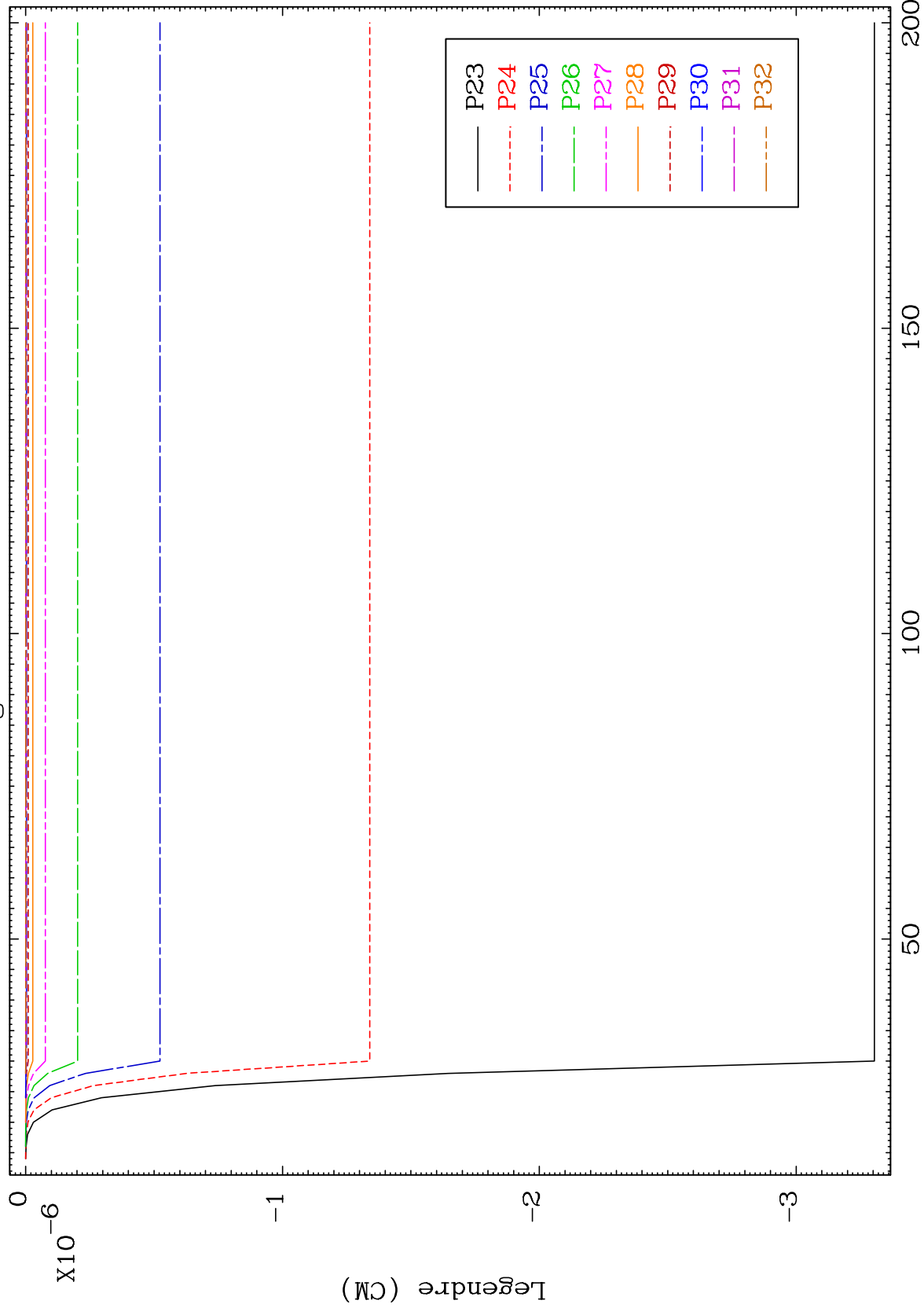
29-Cu-69



76

Incident Energy (MeV)

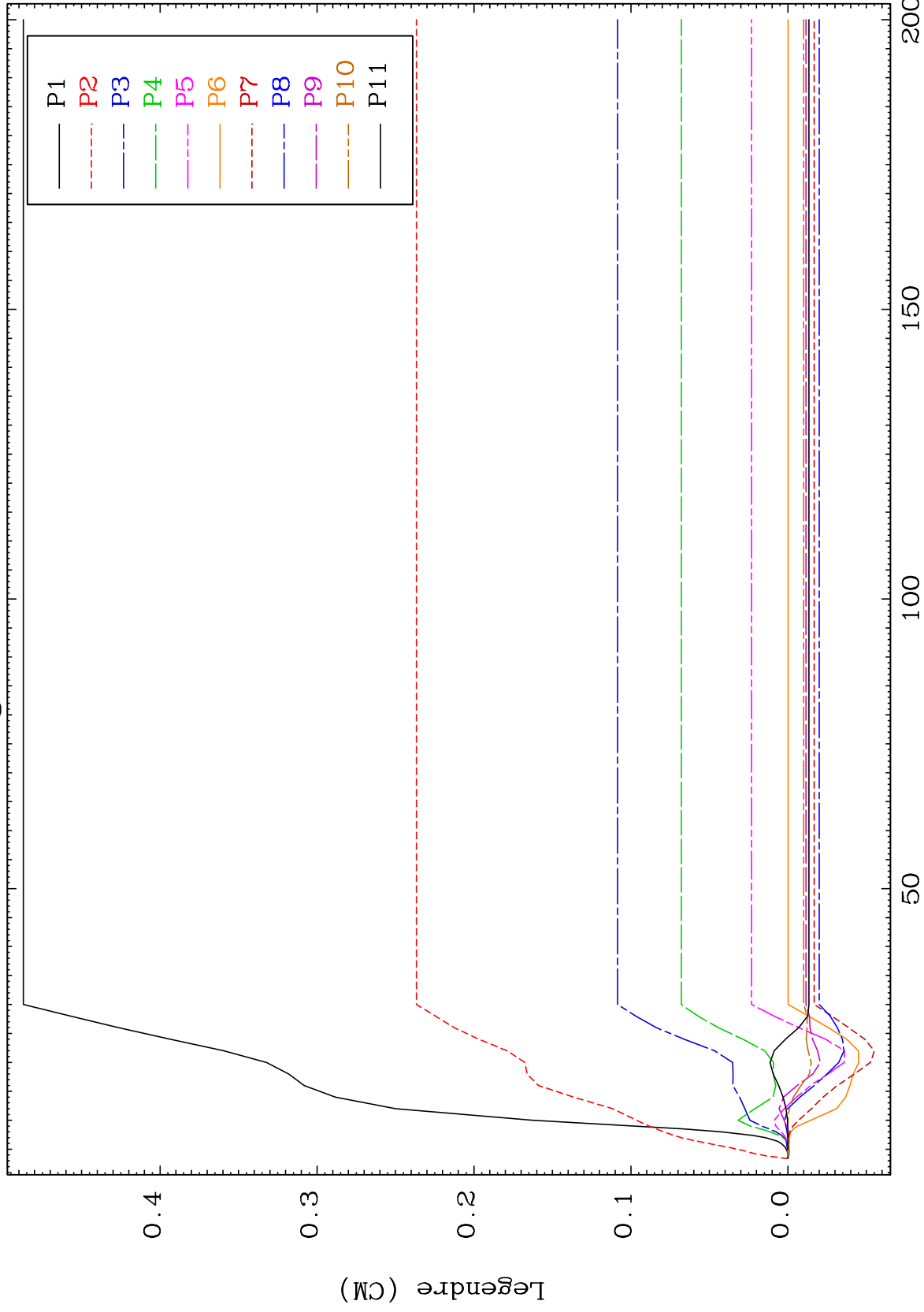
29-Cu-69



MAT 2943

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

29-Cu-69



78

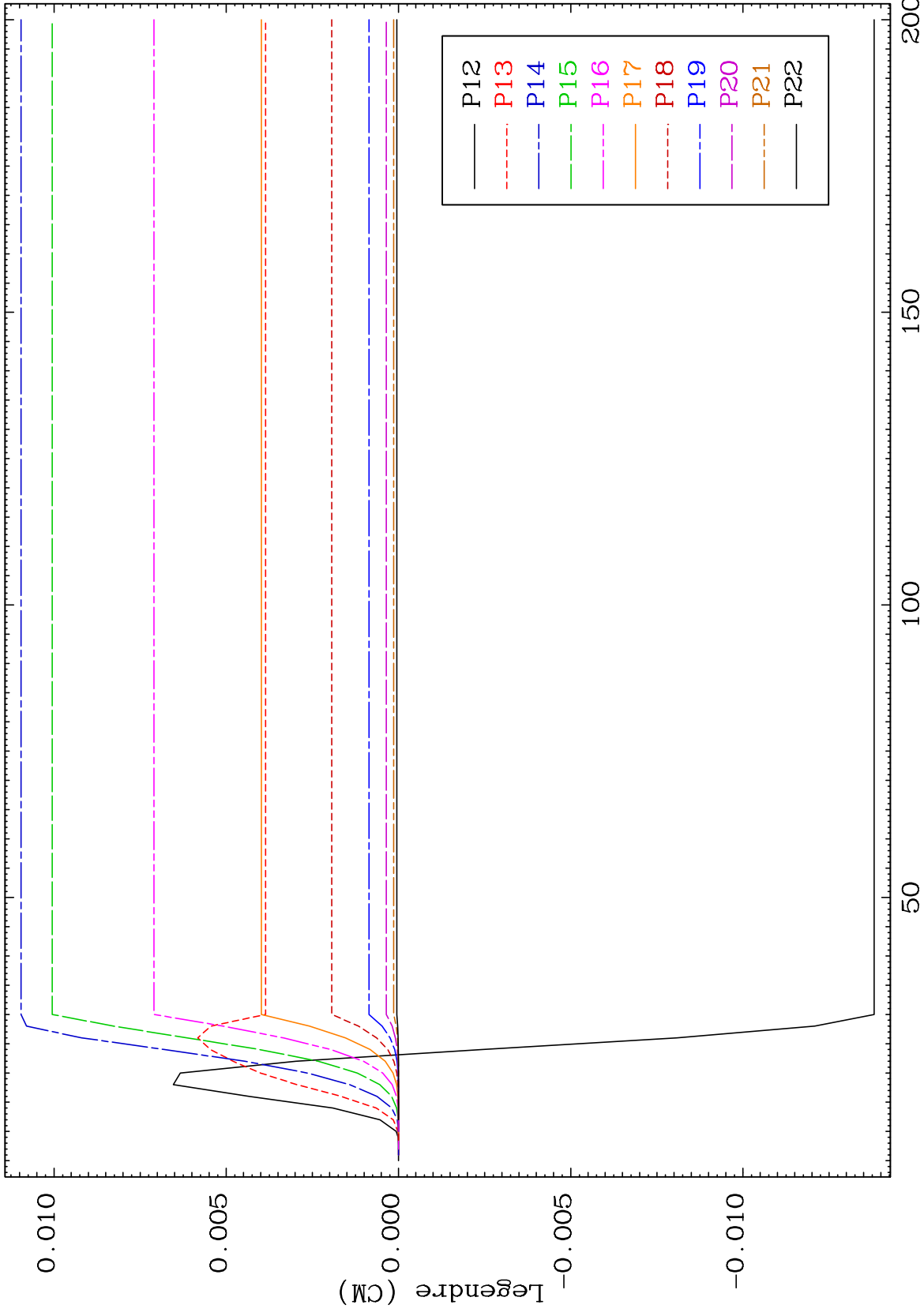
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

29-Cu-69



79

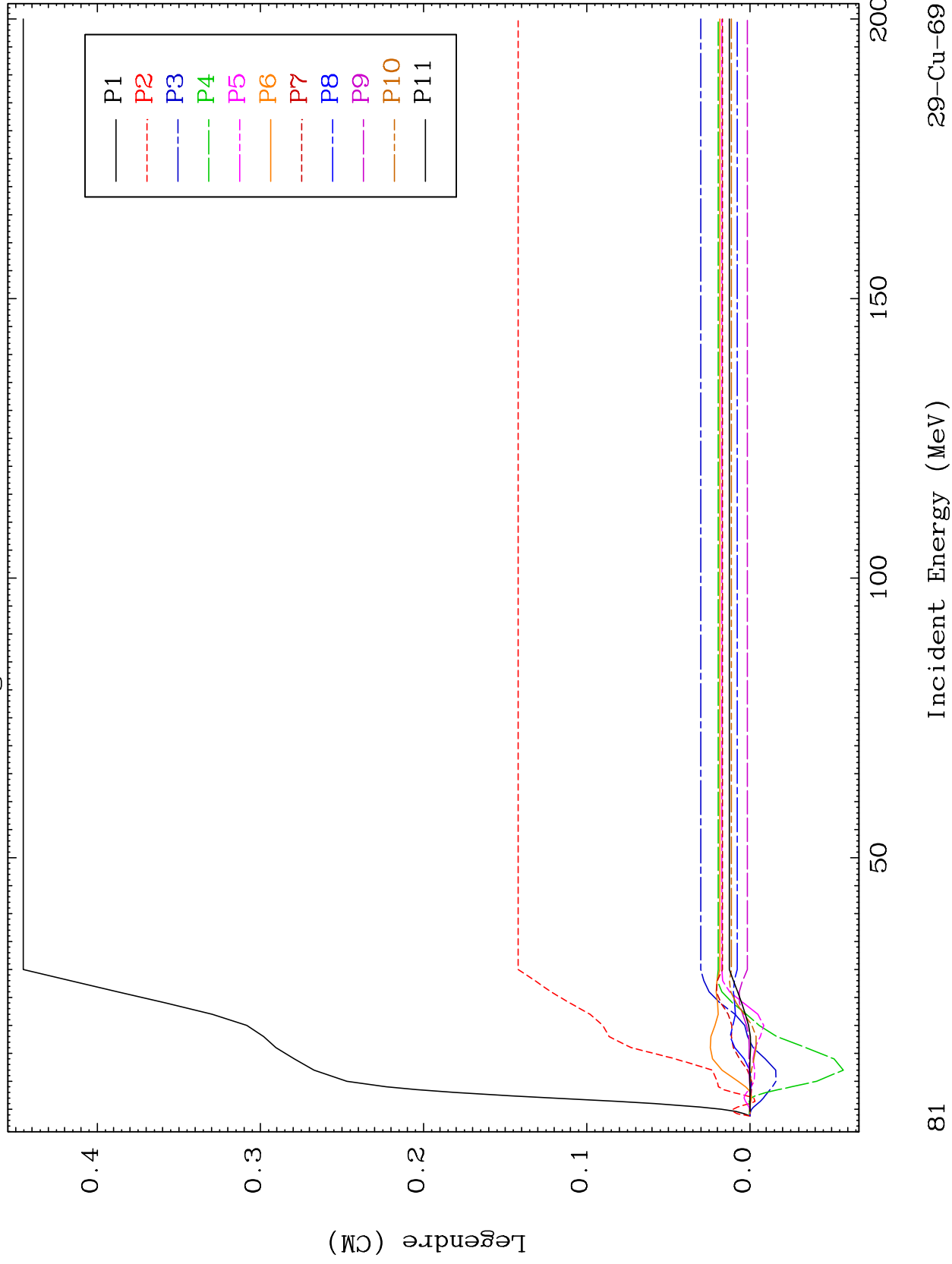
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

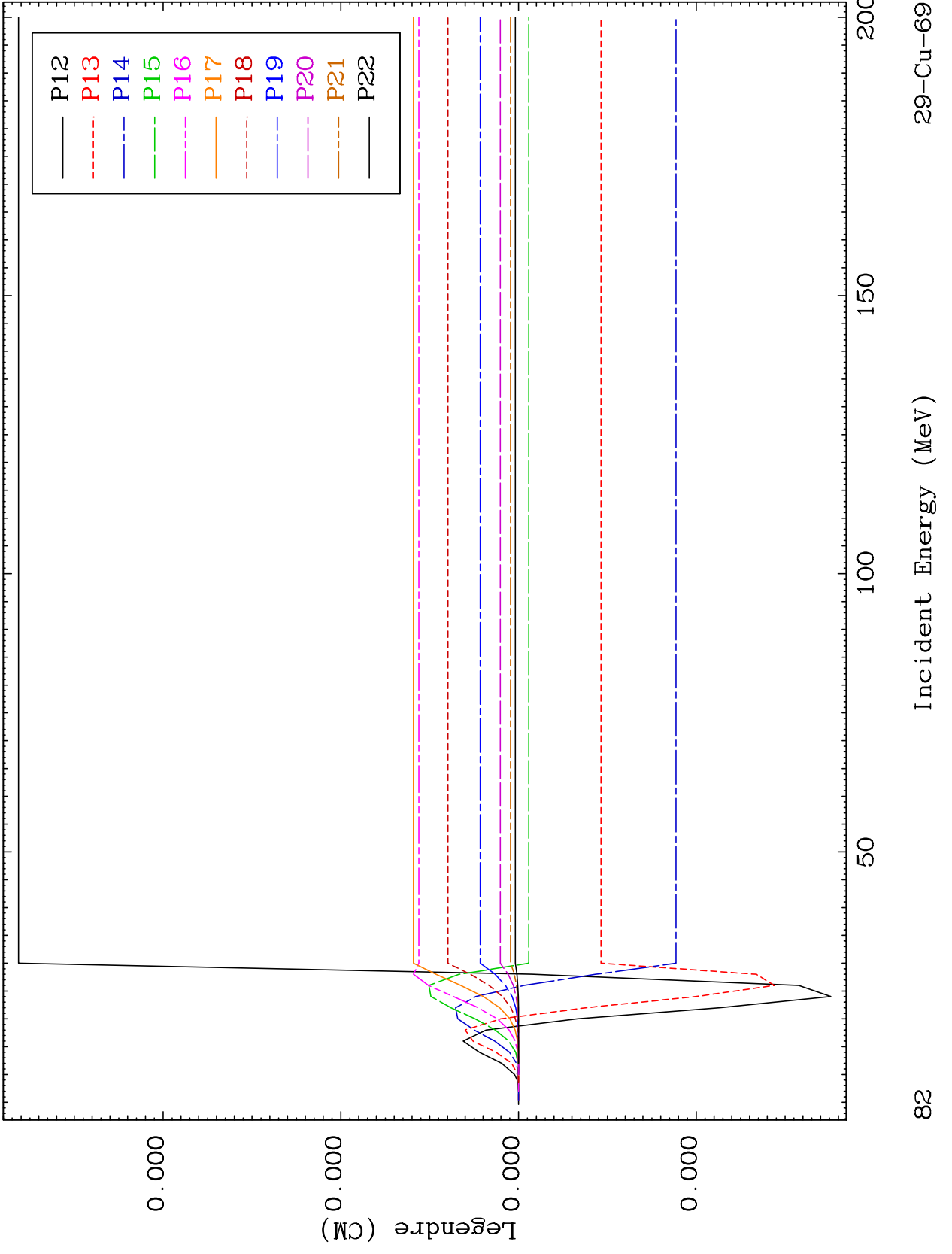
29-Cu-69



MAT 2943

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

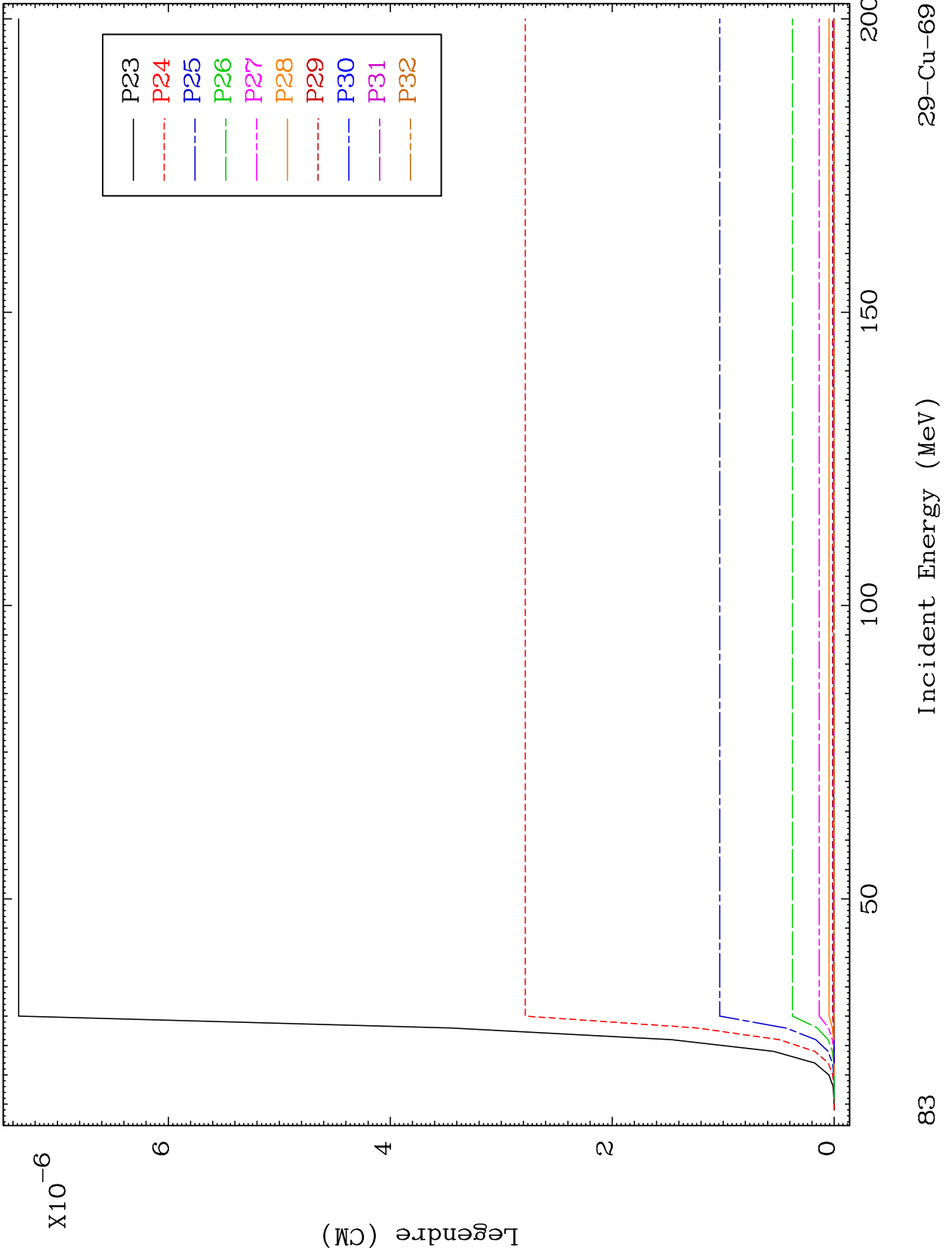
29-Cu-69



MAT 2943

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

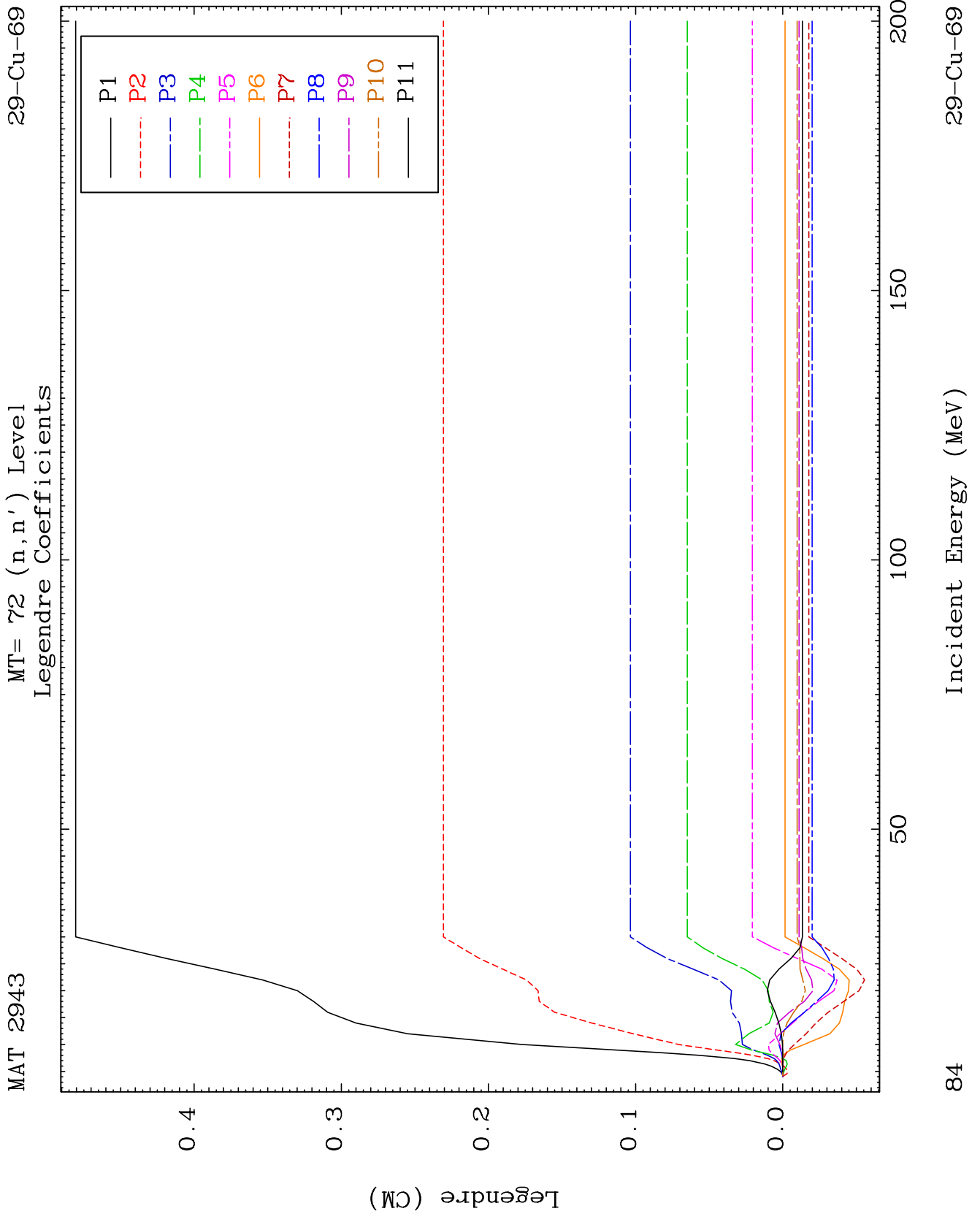
29-Cu-69



83

Incident Energy (MeV)

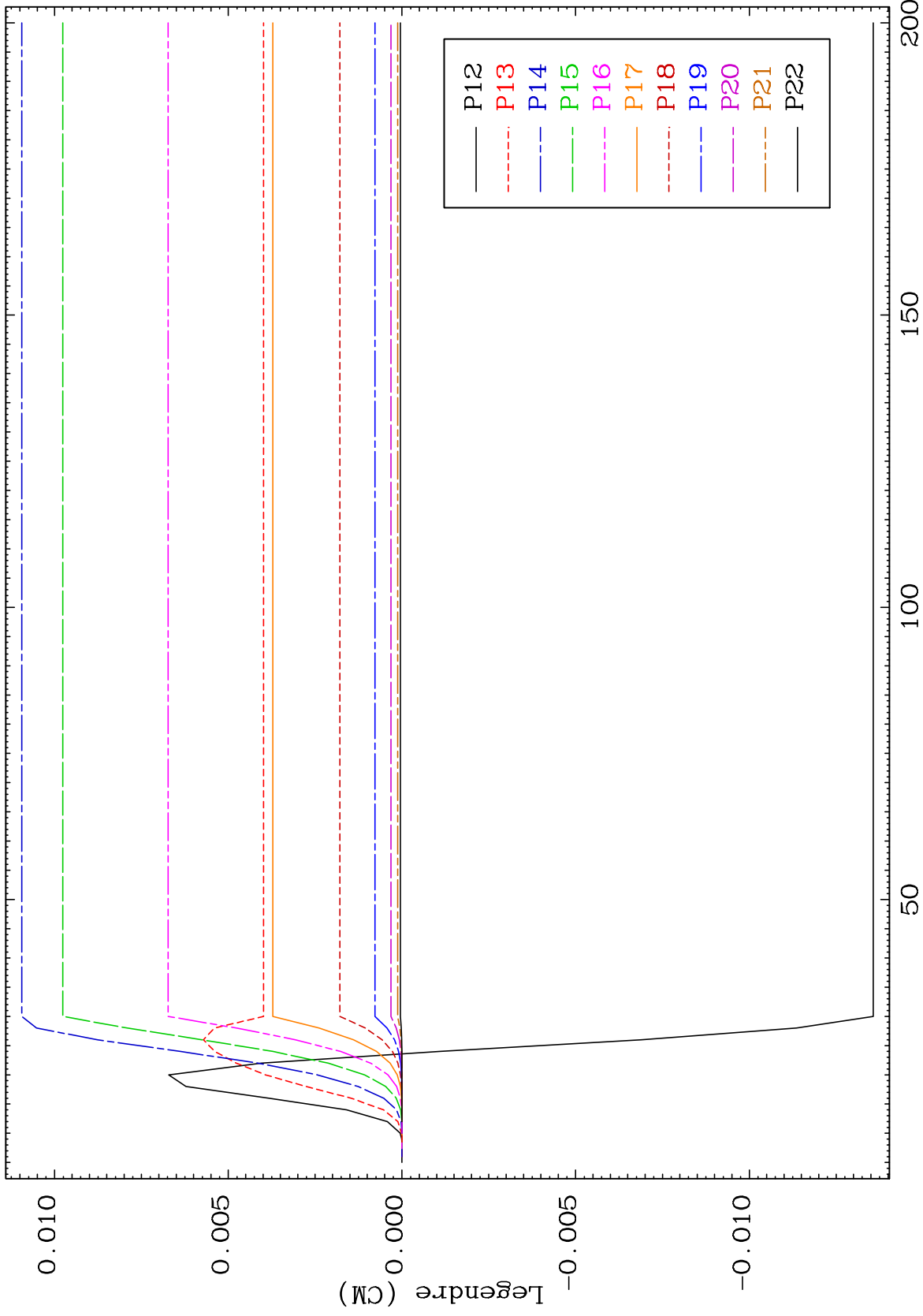
29-Cu-69



MAT 2943

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

29-Cu-69



85

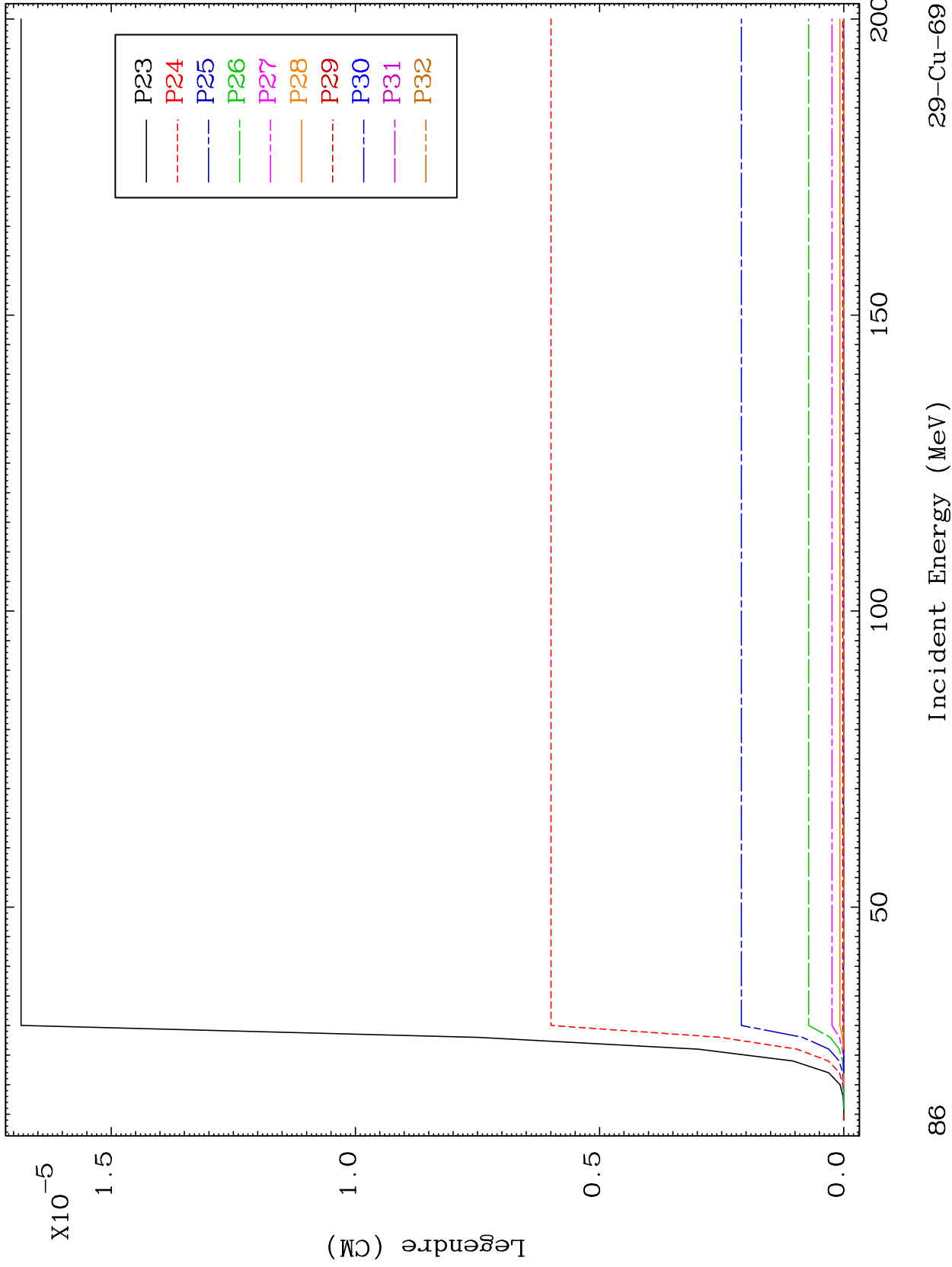
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

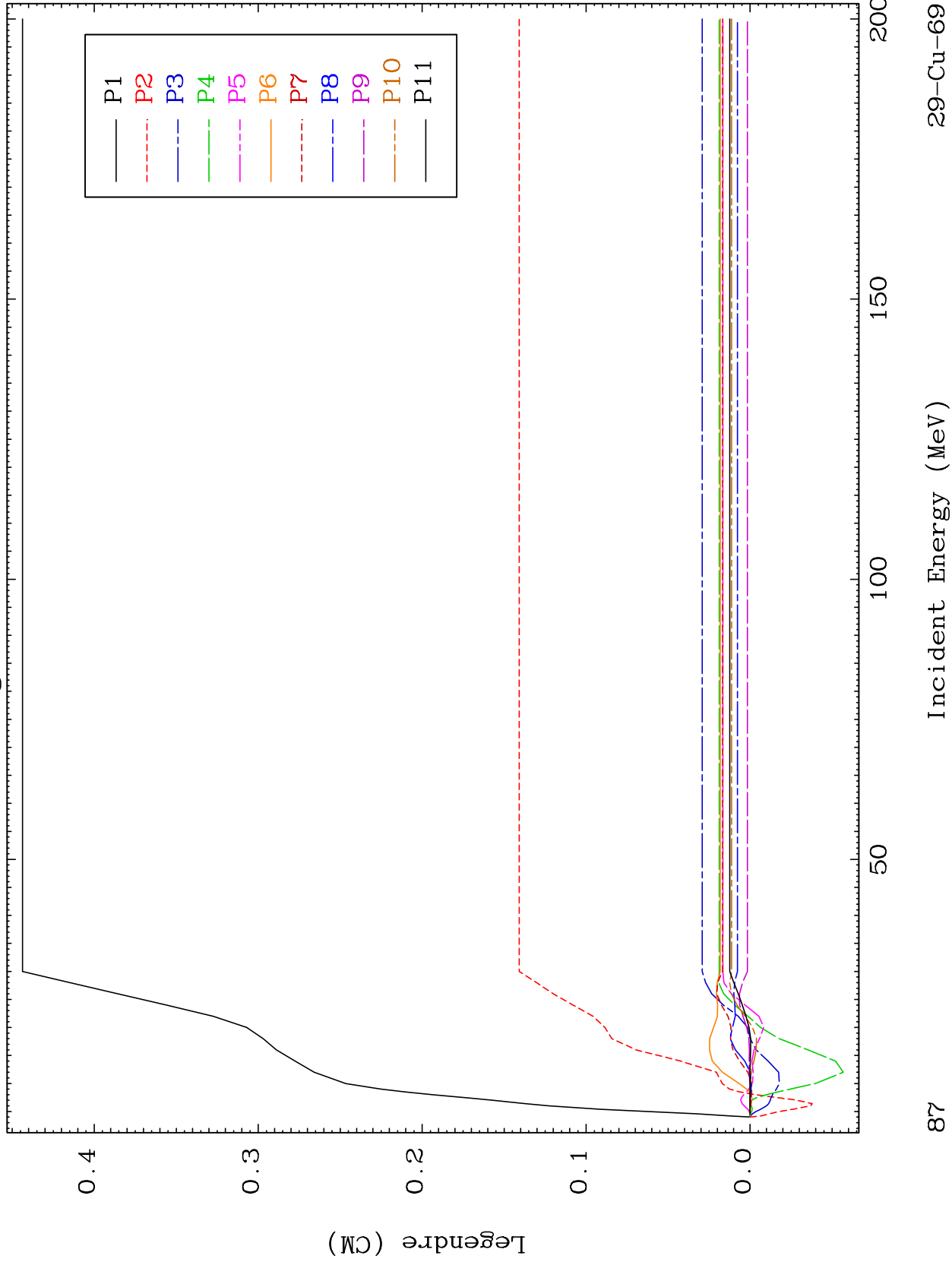
29-Cu-69



MAT 2943

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

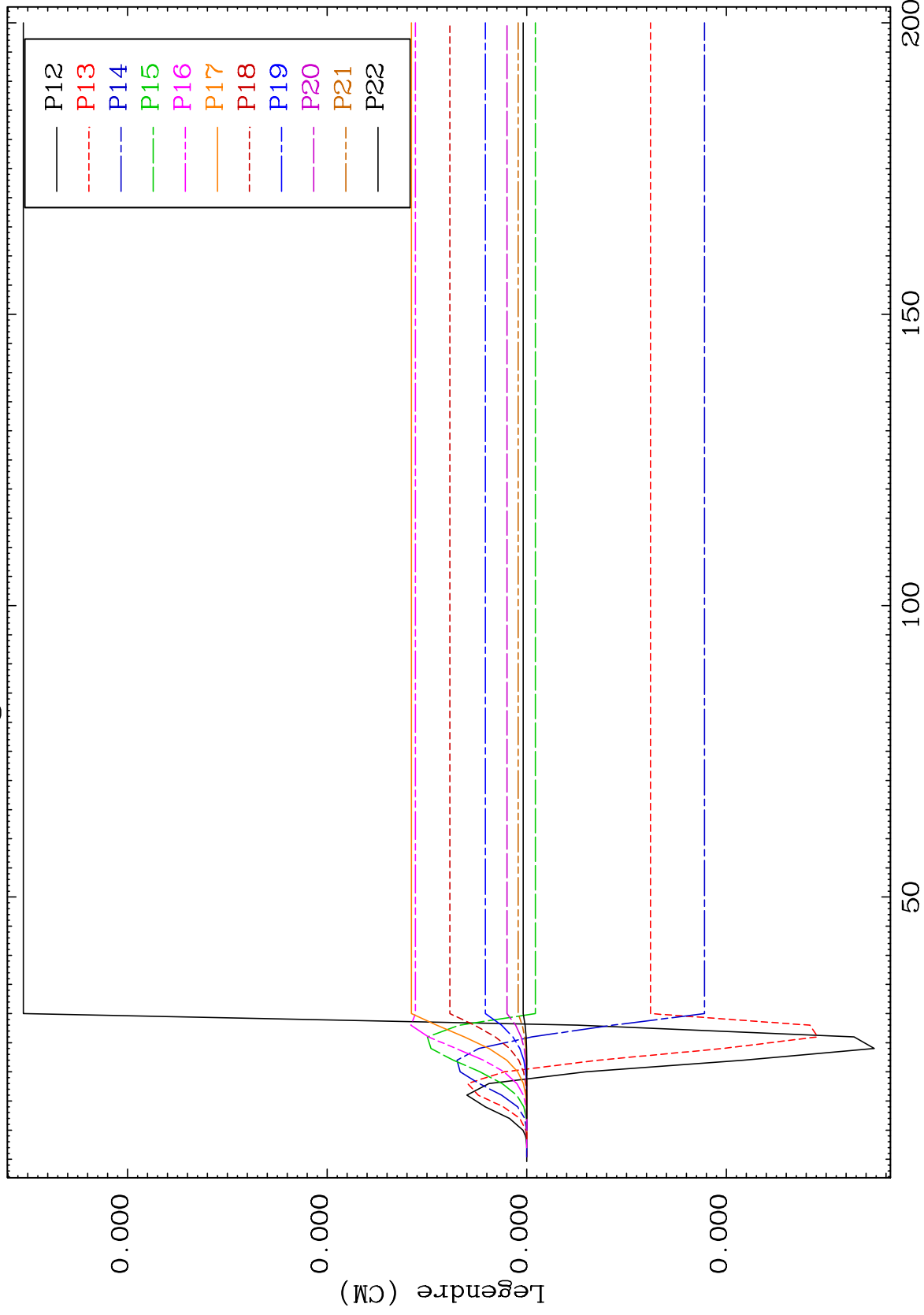
29-Cu-69



MAT 2943

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

29-Cu-69



88

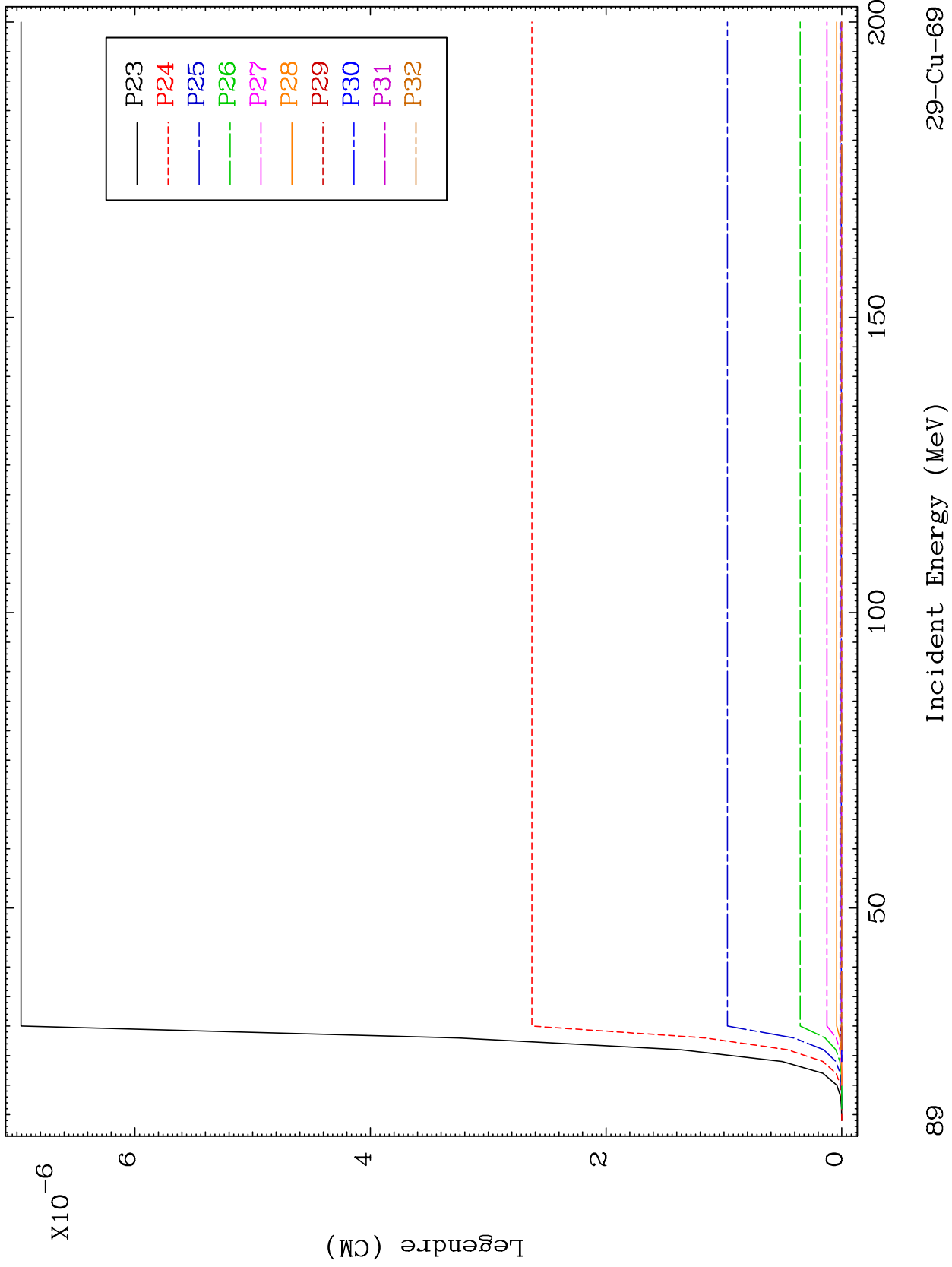
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

29-Cu-69



89

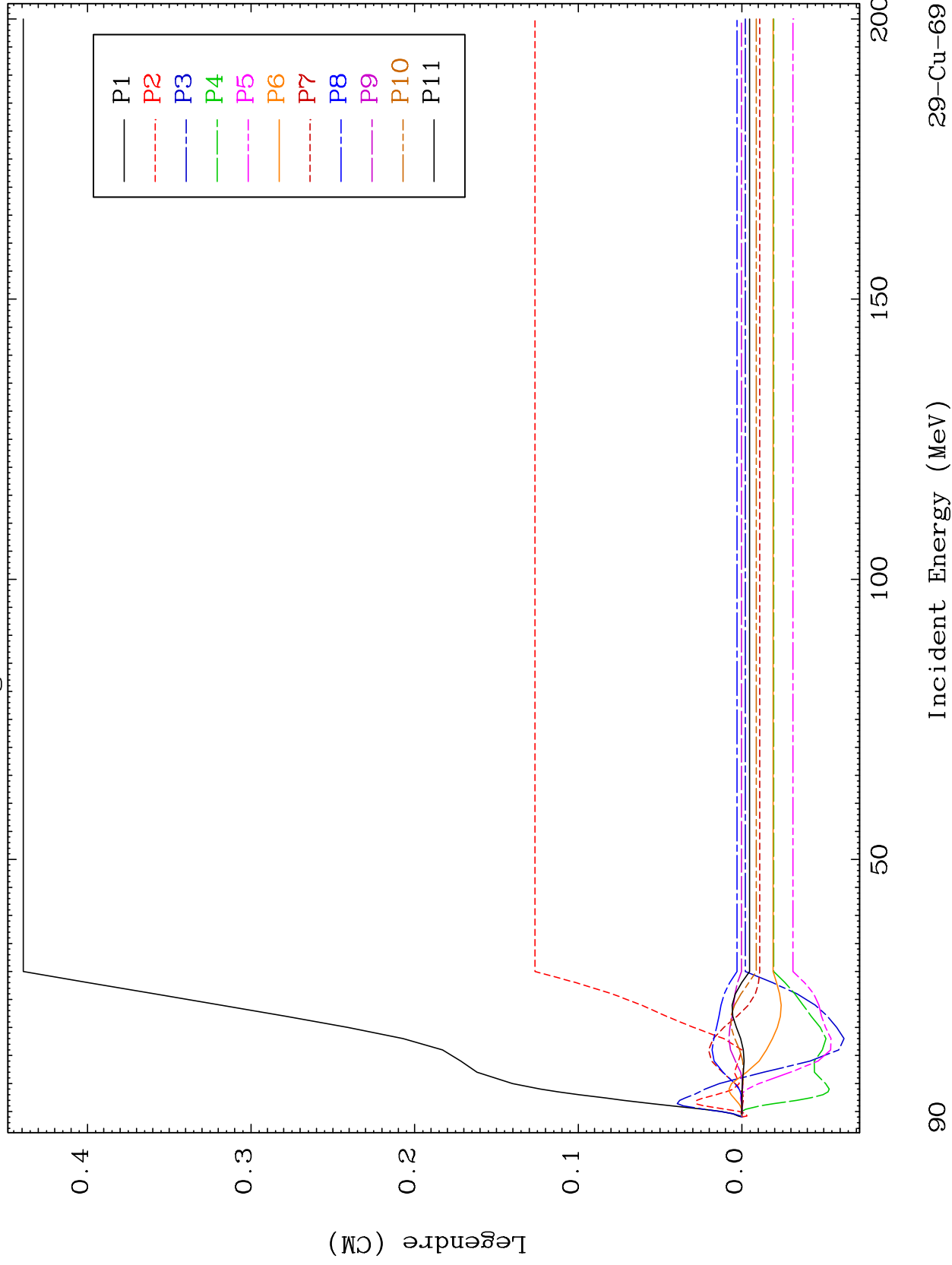
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

29-Cu-69



29-Cu-69

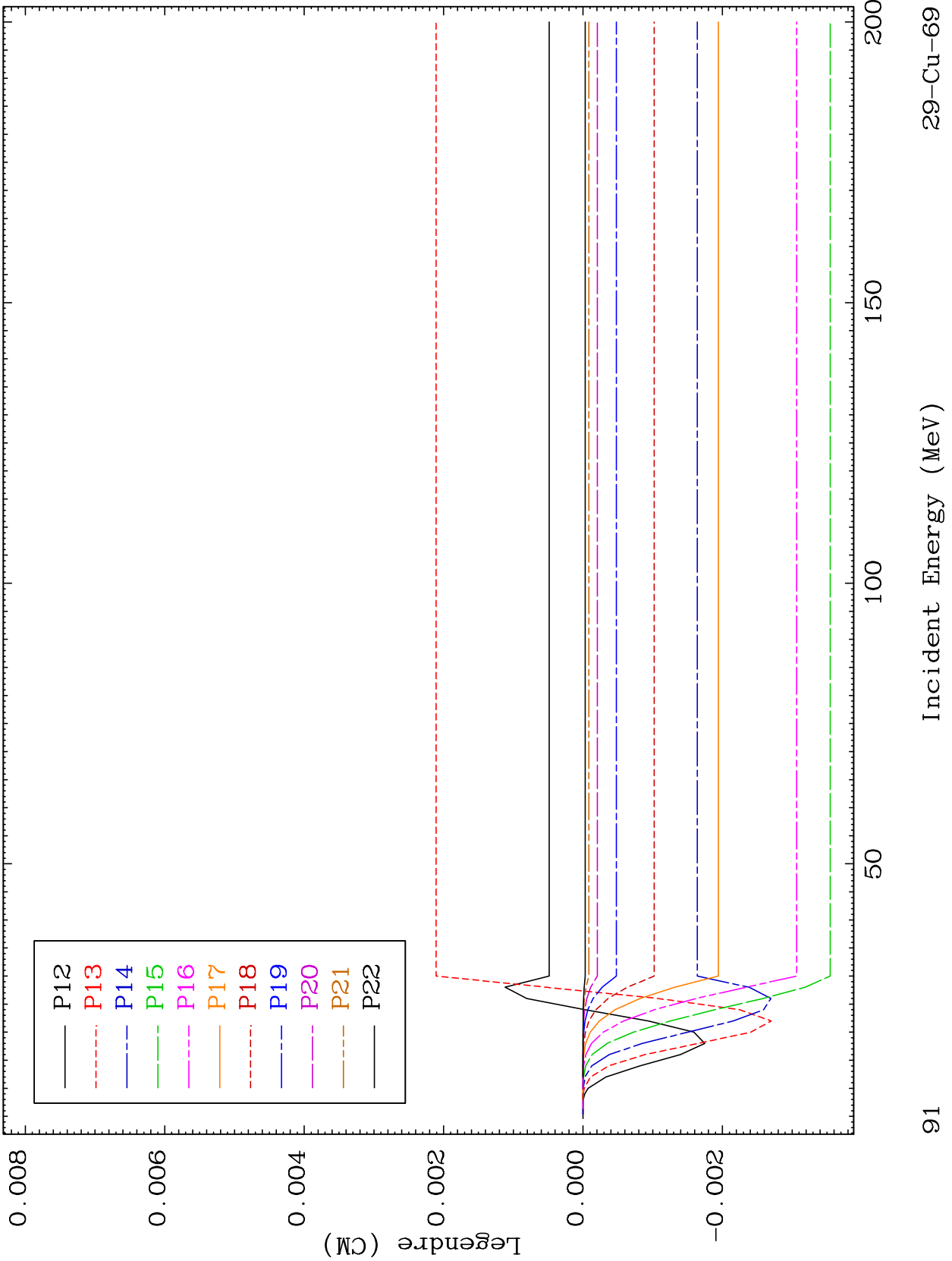
Incident Energy (MeV)

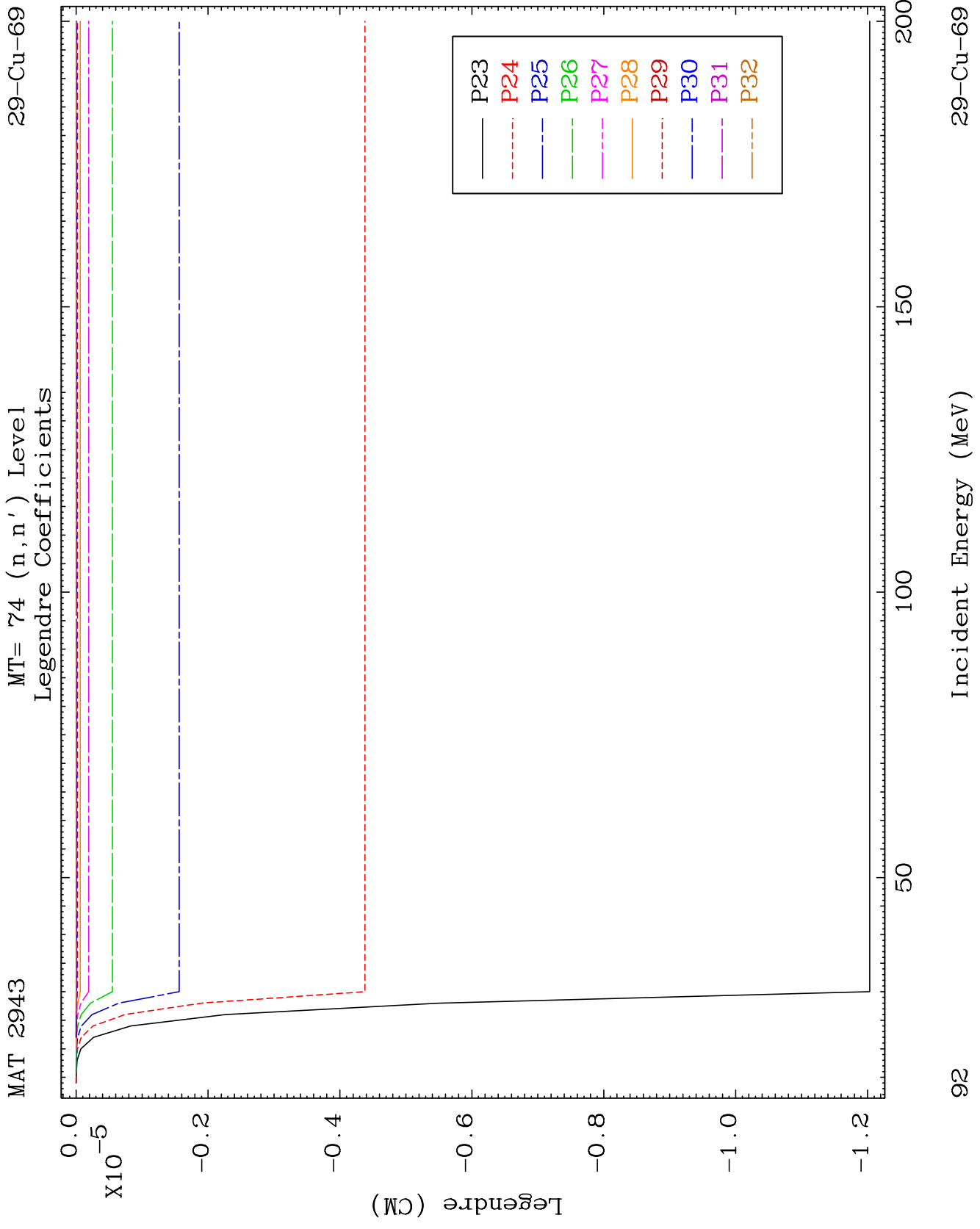
90

MAT 2943

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

29-Cu-69

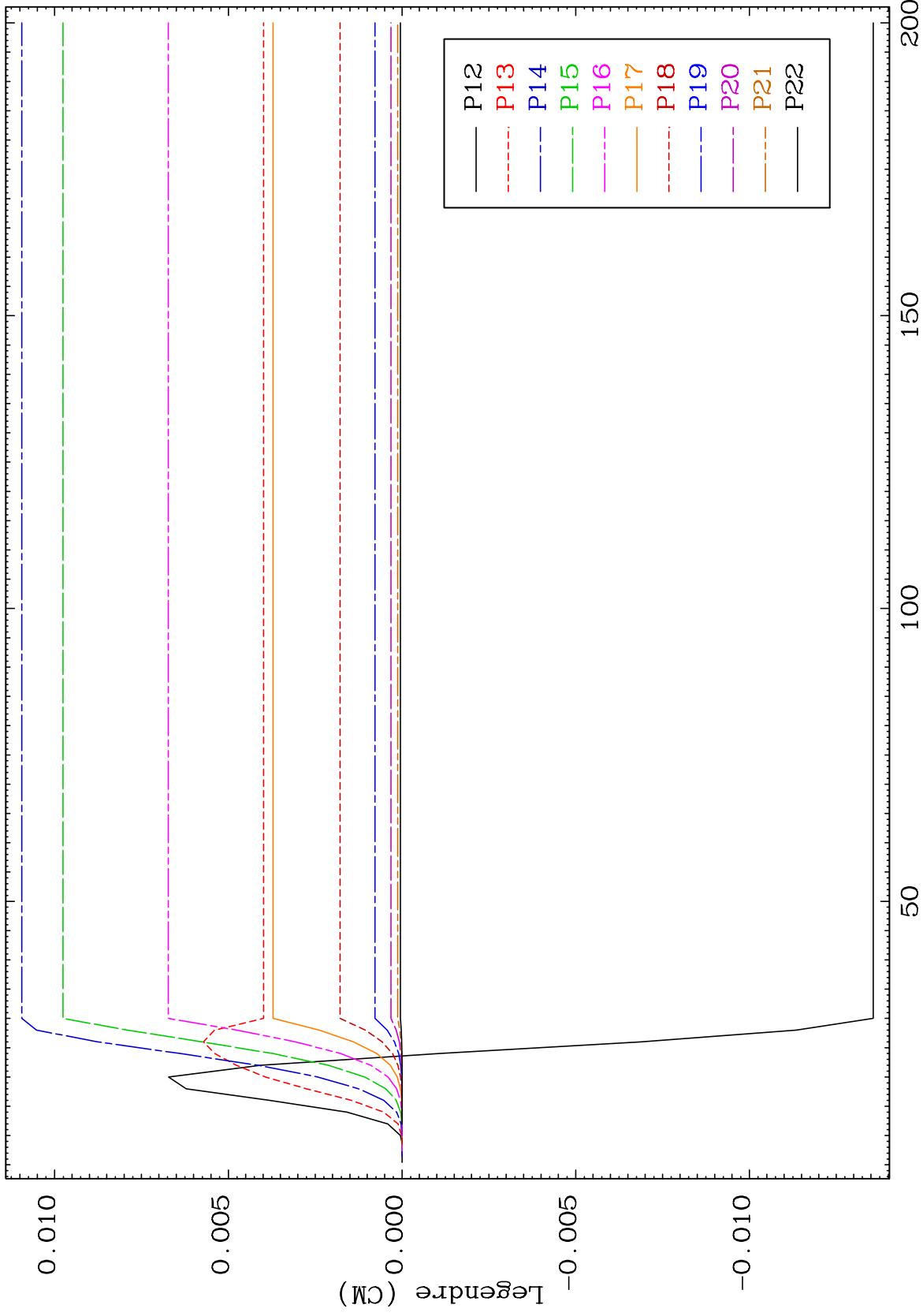




MAT 2943

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

29-Cu-69



94

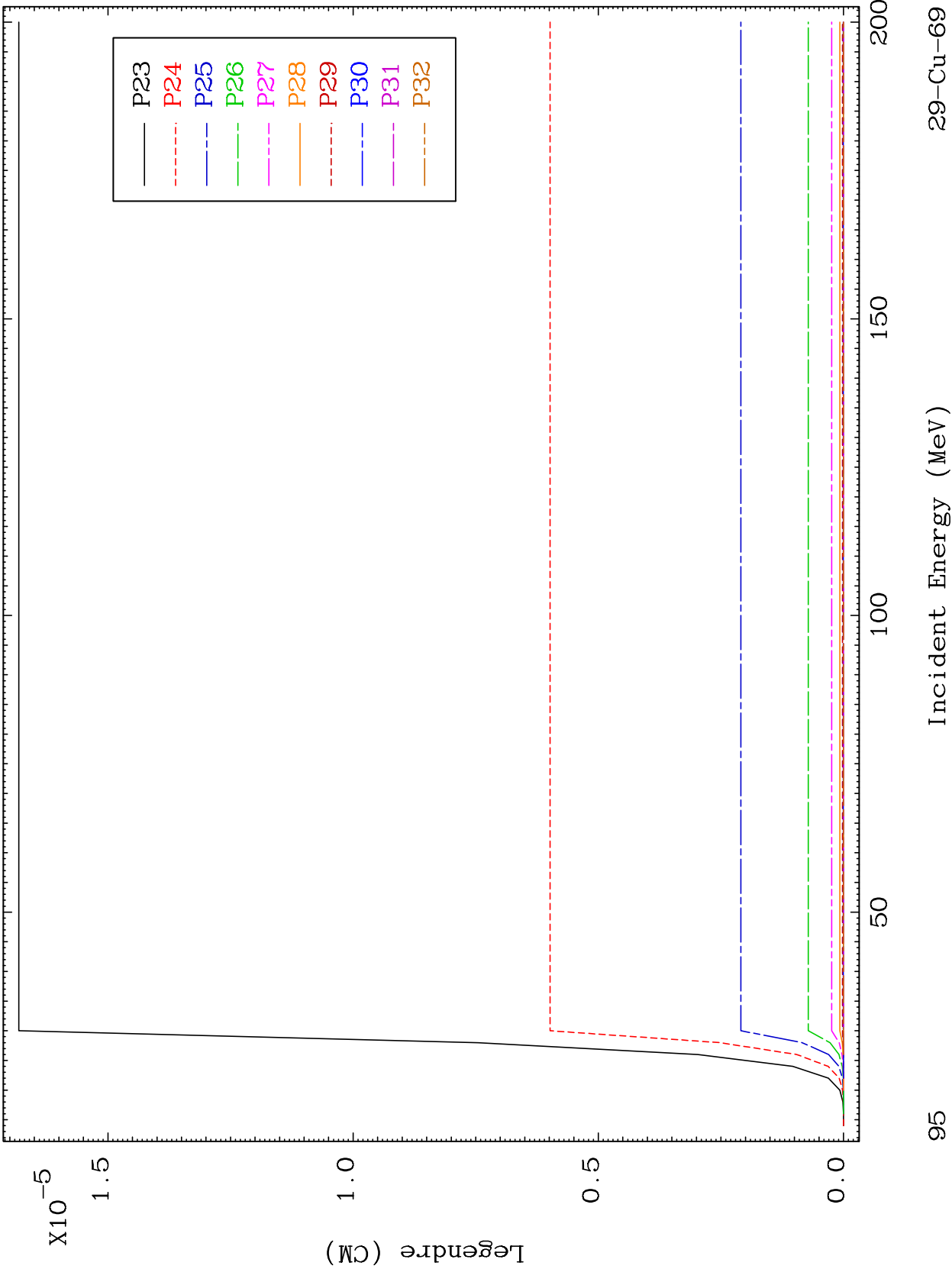
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

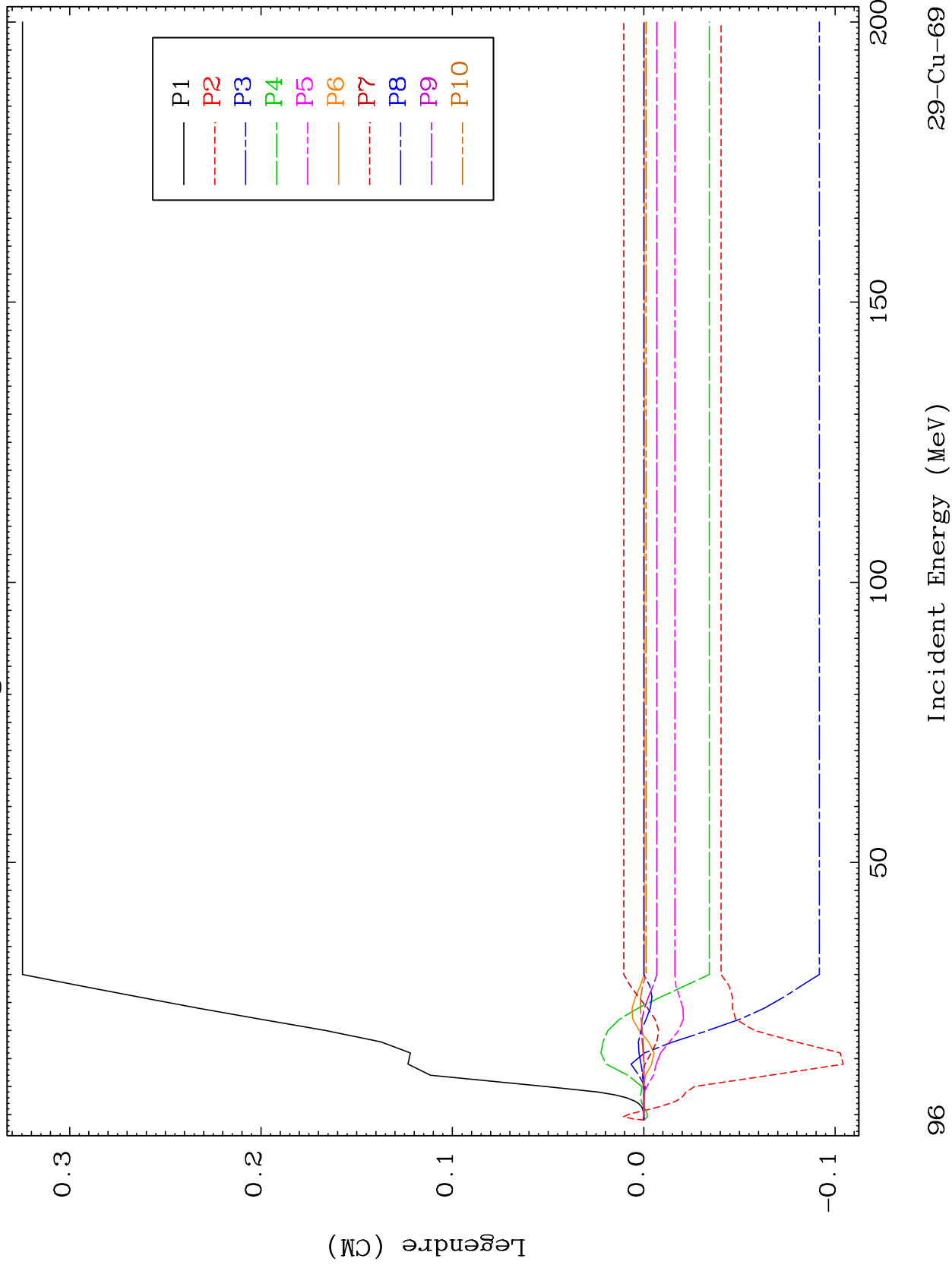
29-Cu-69



MAT 2943

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

29-Cu-69



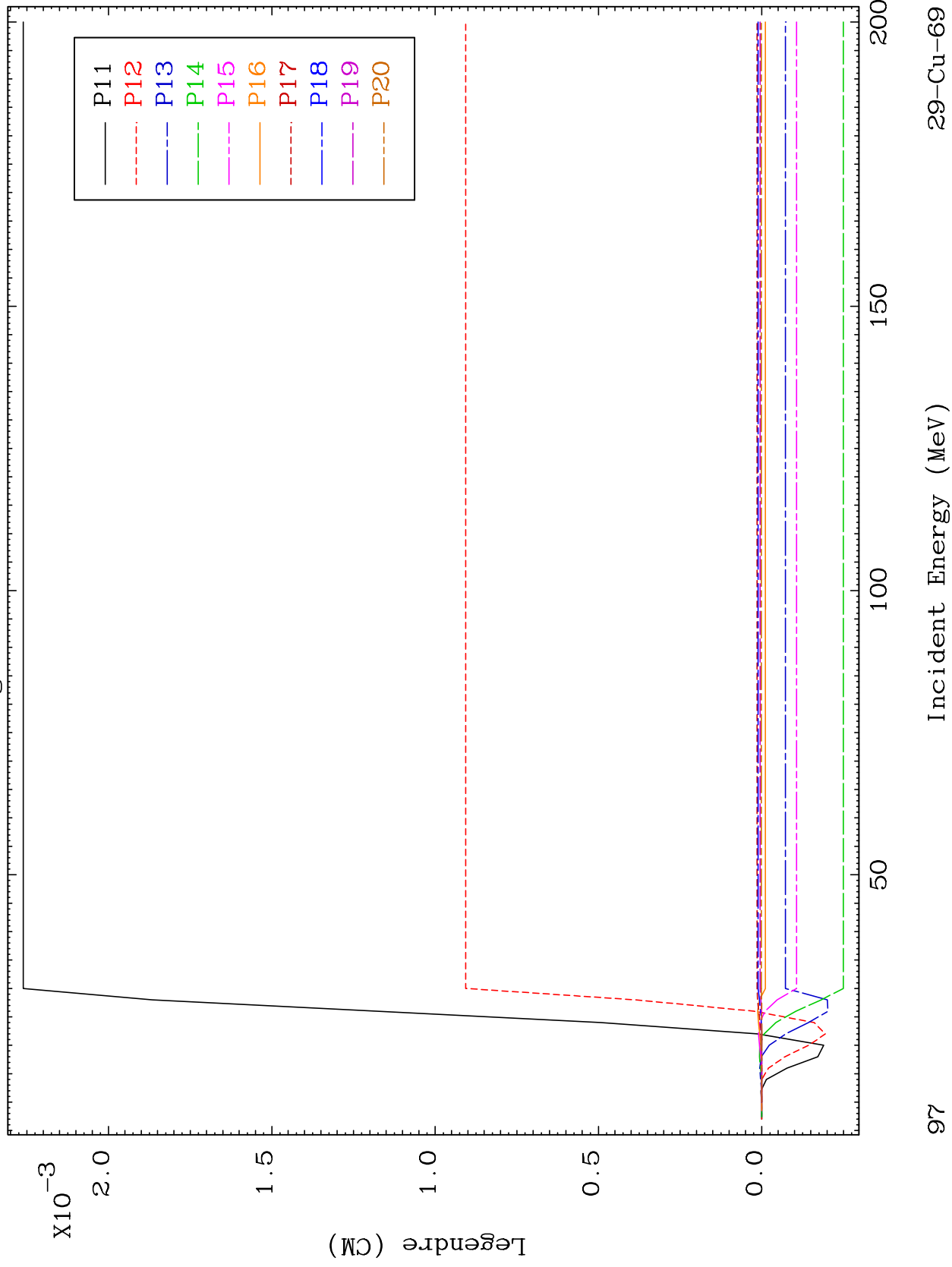
96

29-Cu-69

MAT 2943

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

29-Cu-69



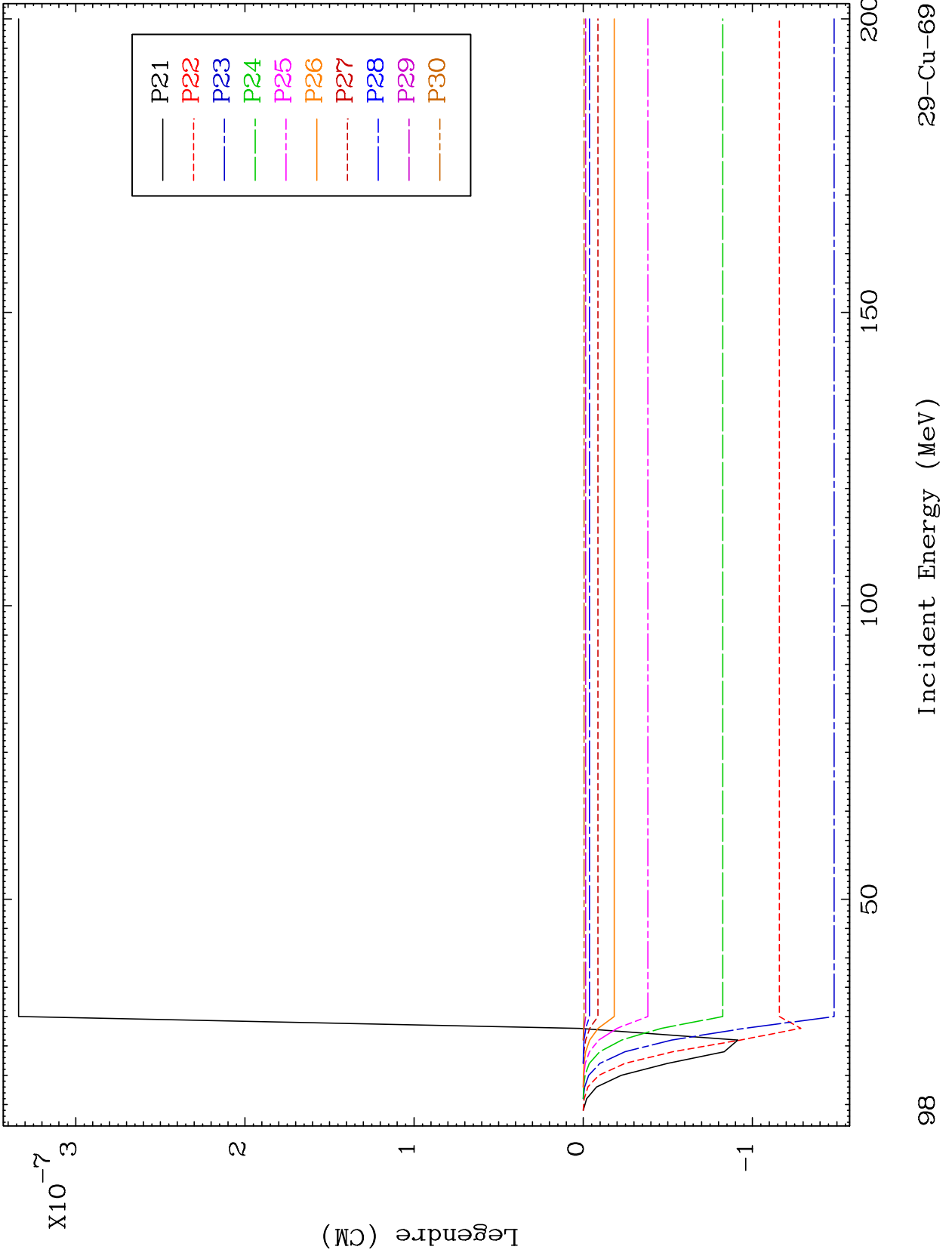
97

29-Cu-69

MAT 2943

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

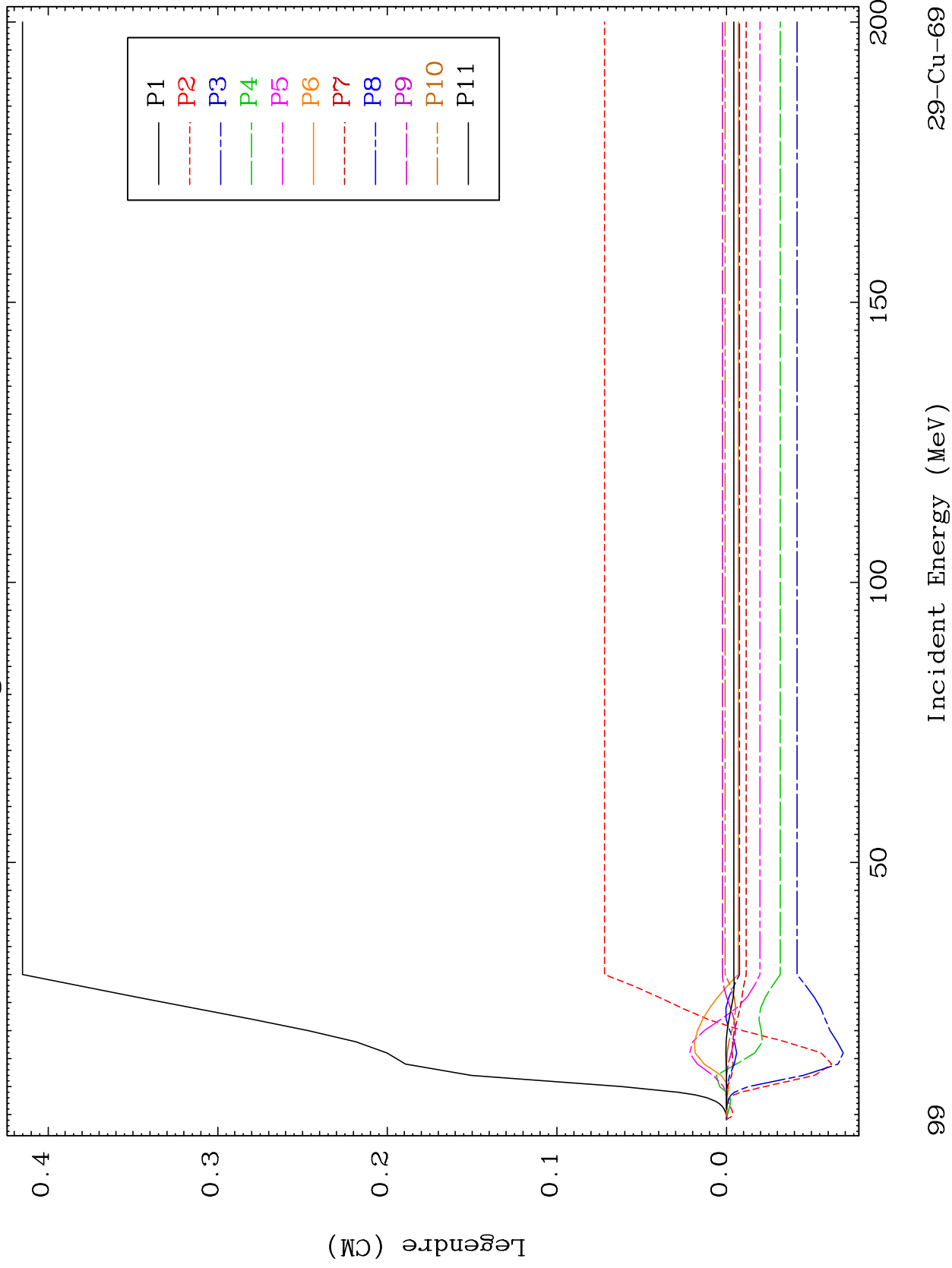
29-Cu-69



MAT 2943

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

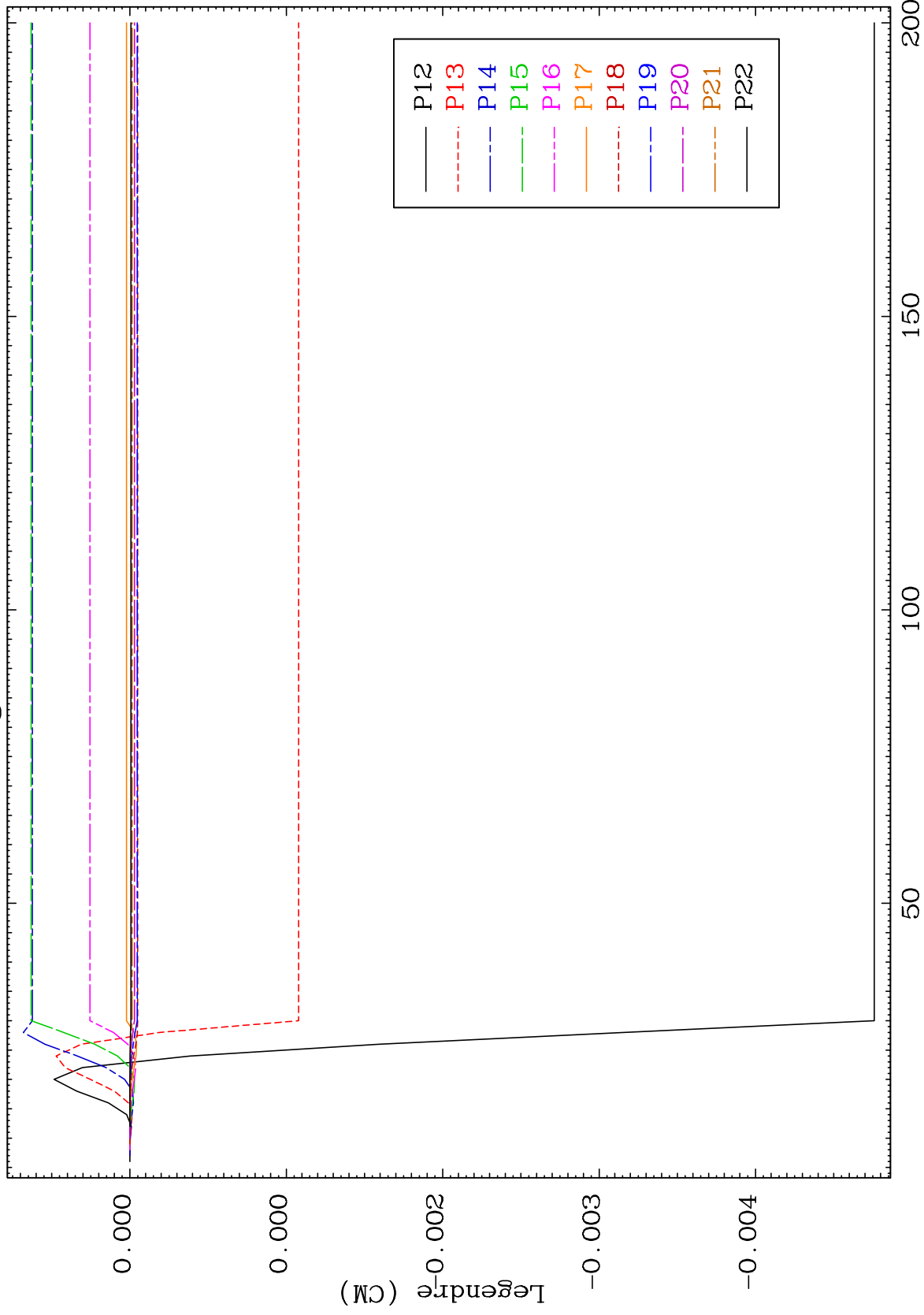
29-Cu-69



MAT 2943

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

29-Cu-69



100

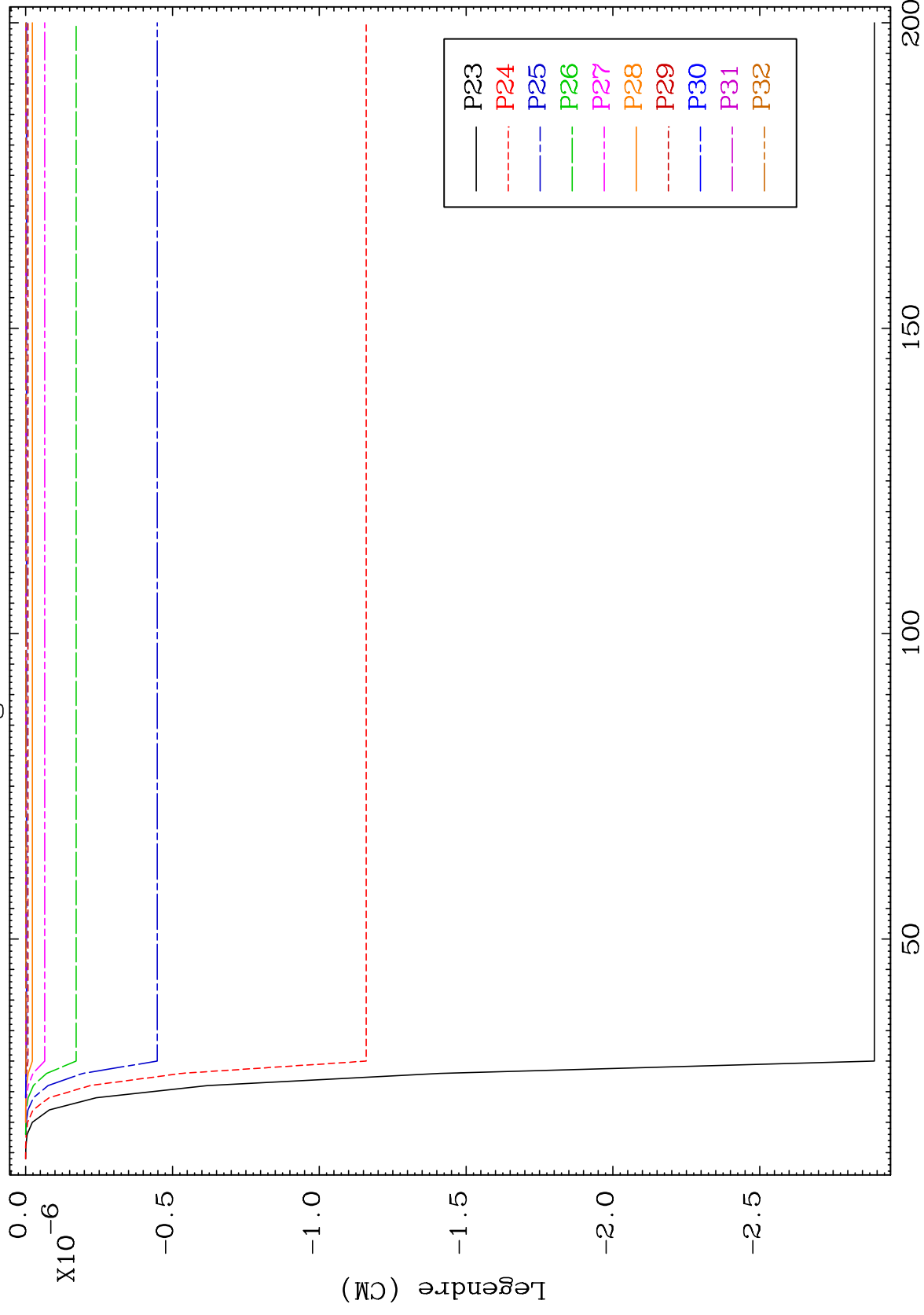
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

29-Cu-69



101

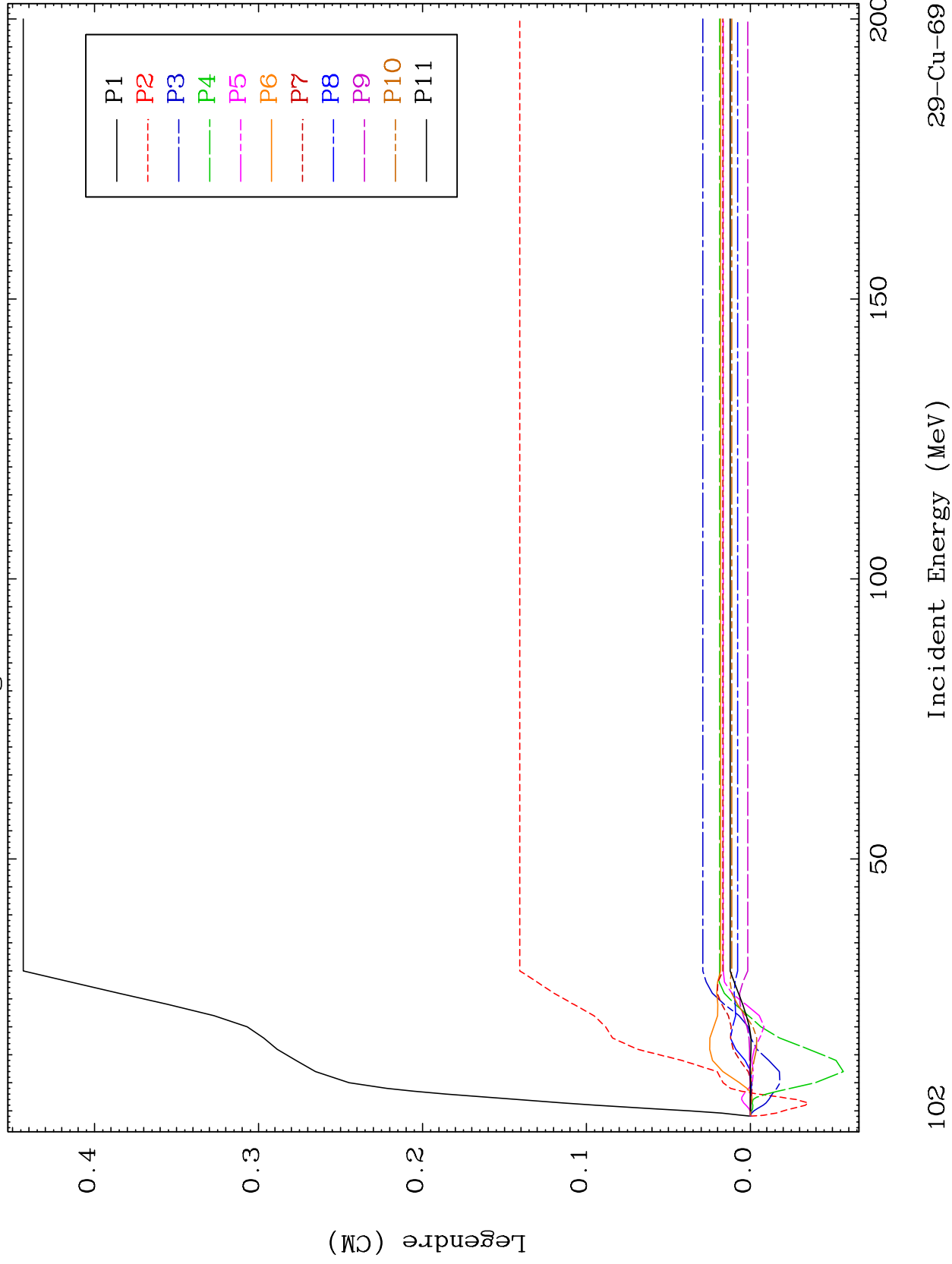
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

29-Cu-69



102

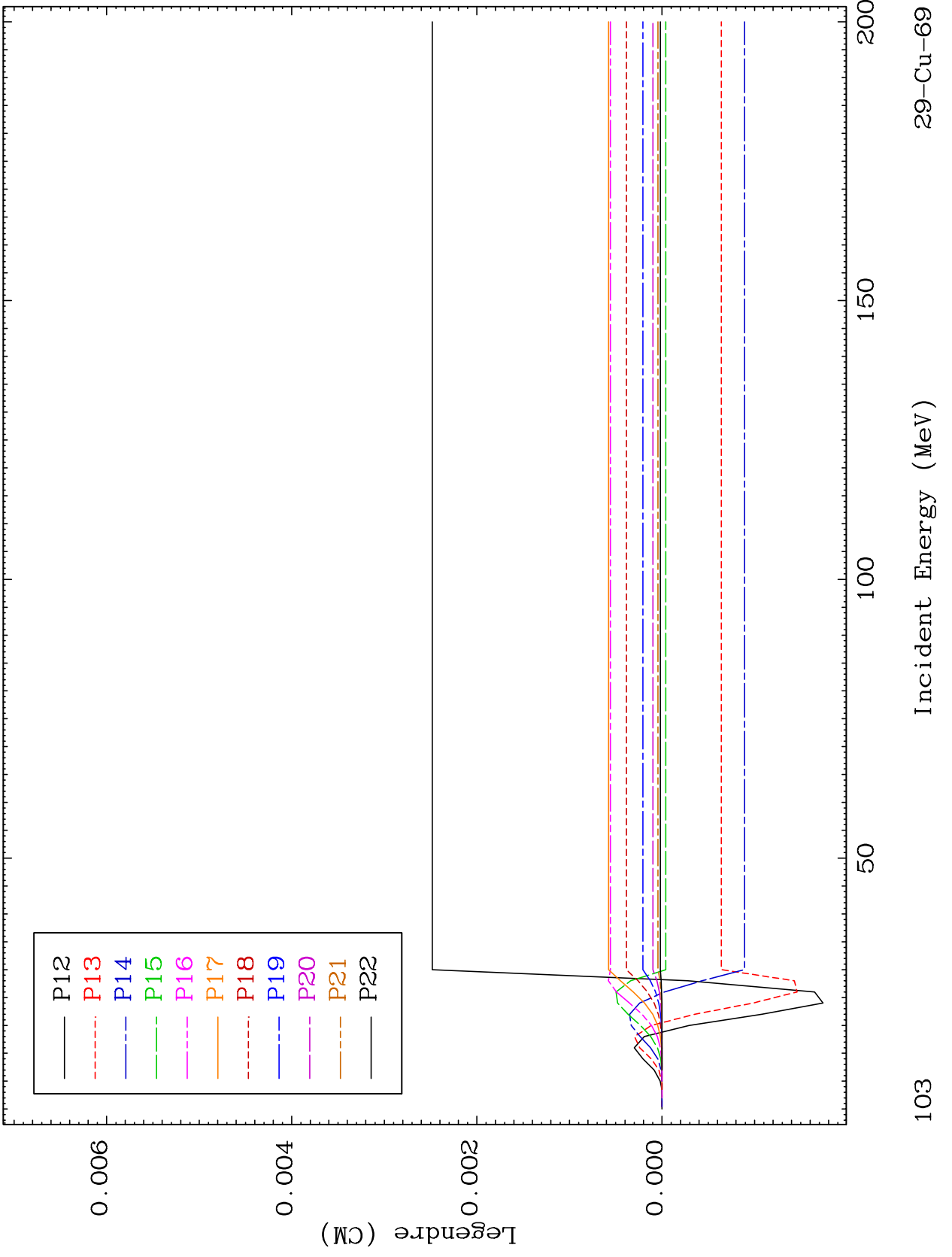
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

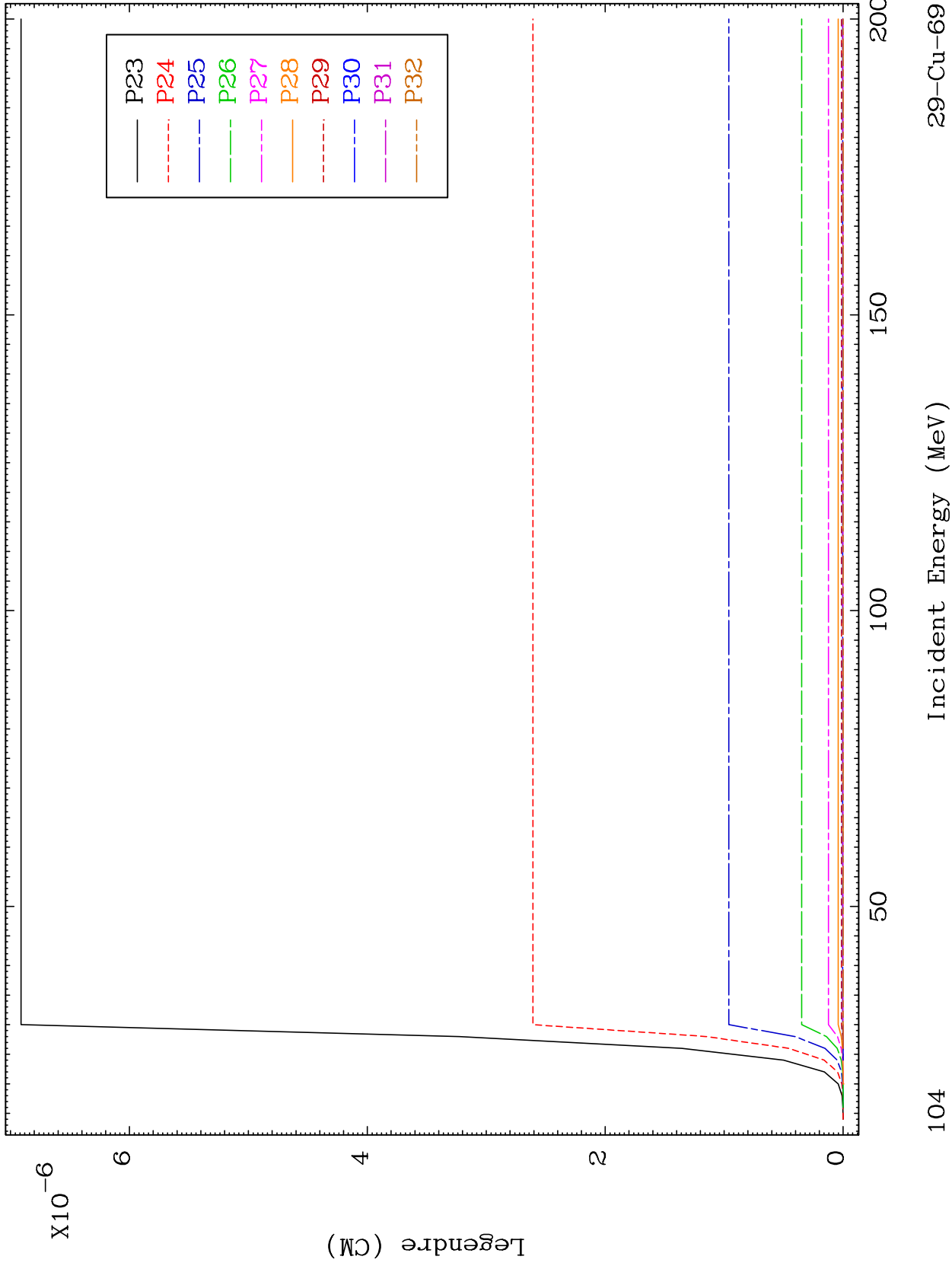
29-Cu-69



MAT 2943

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

29-Cu-69



104

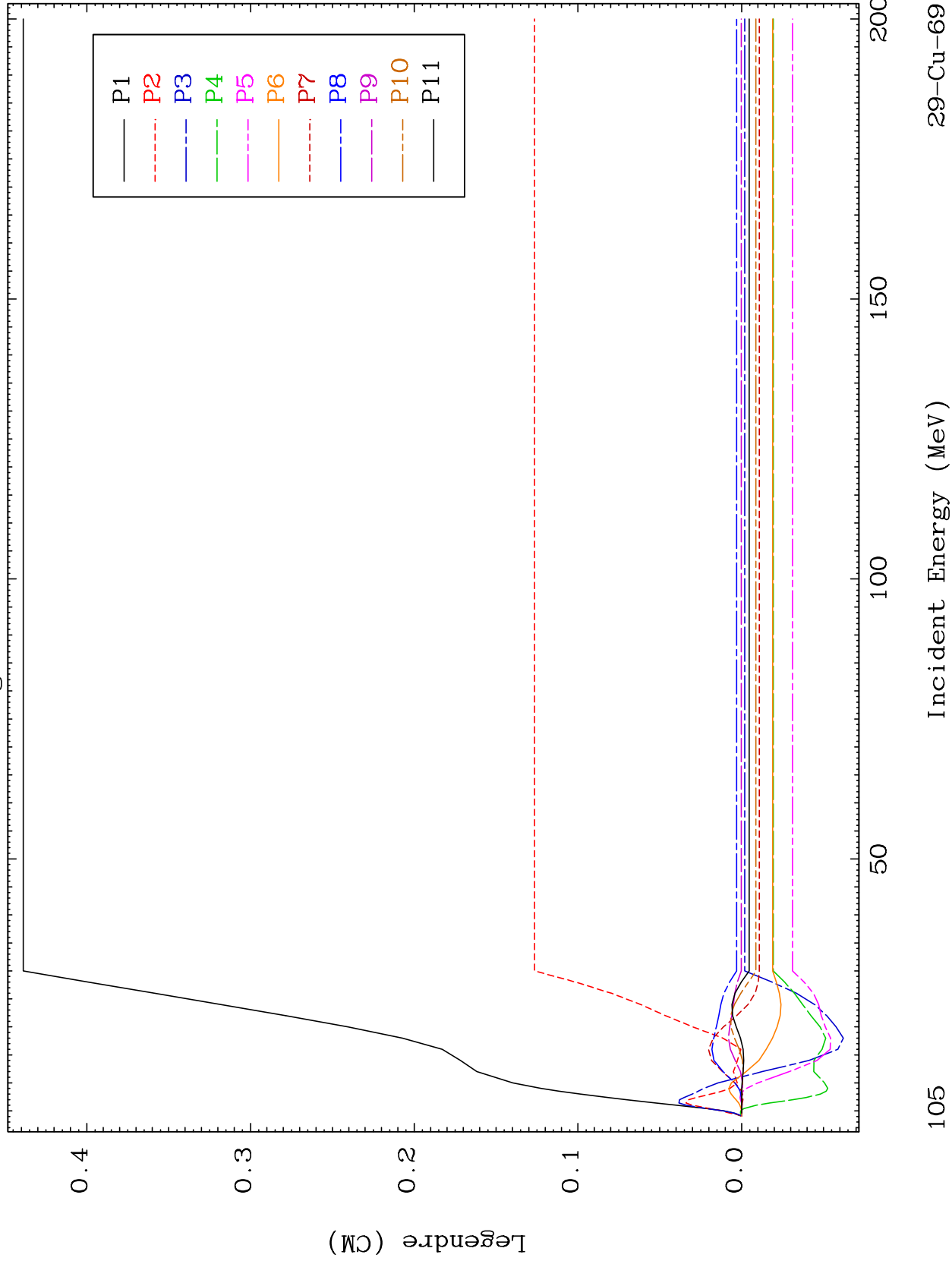
Incident Energy (MeV)

29-Cu-69

MAT 2943

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

29-Cu-69



29-Cu-69

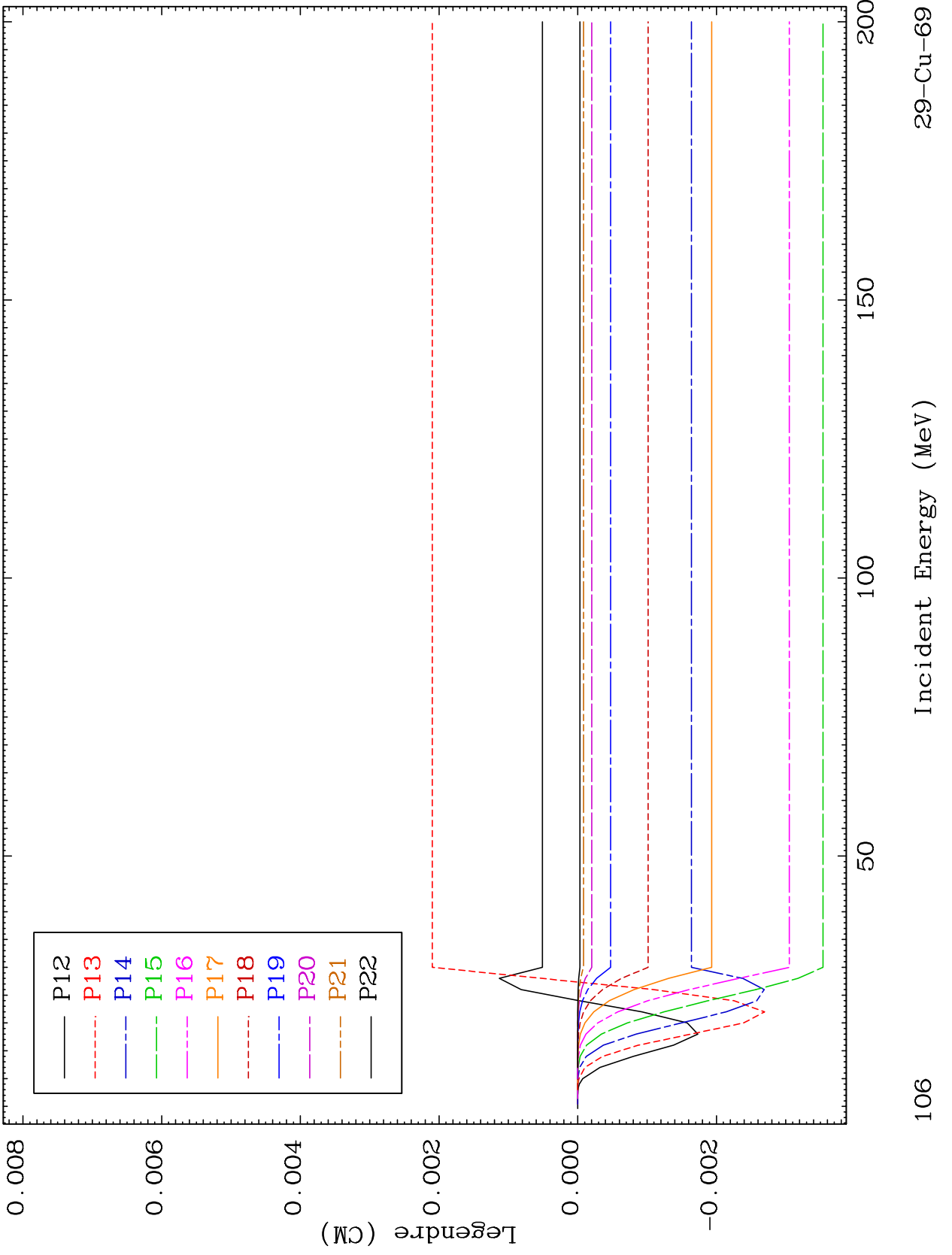
Incident Energy (MeV)

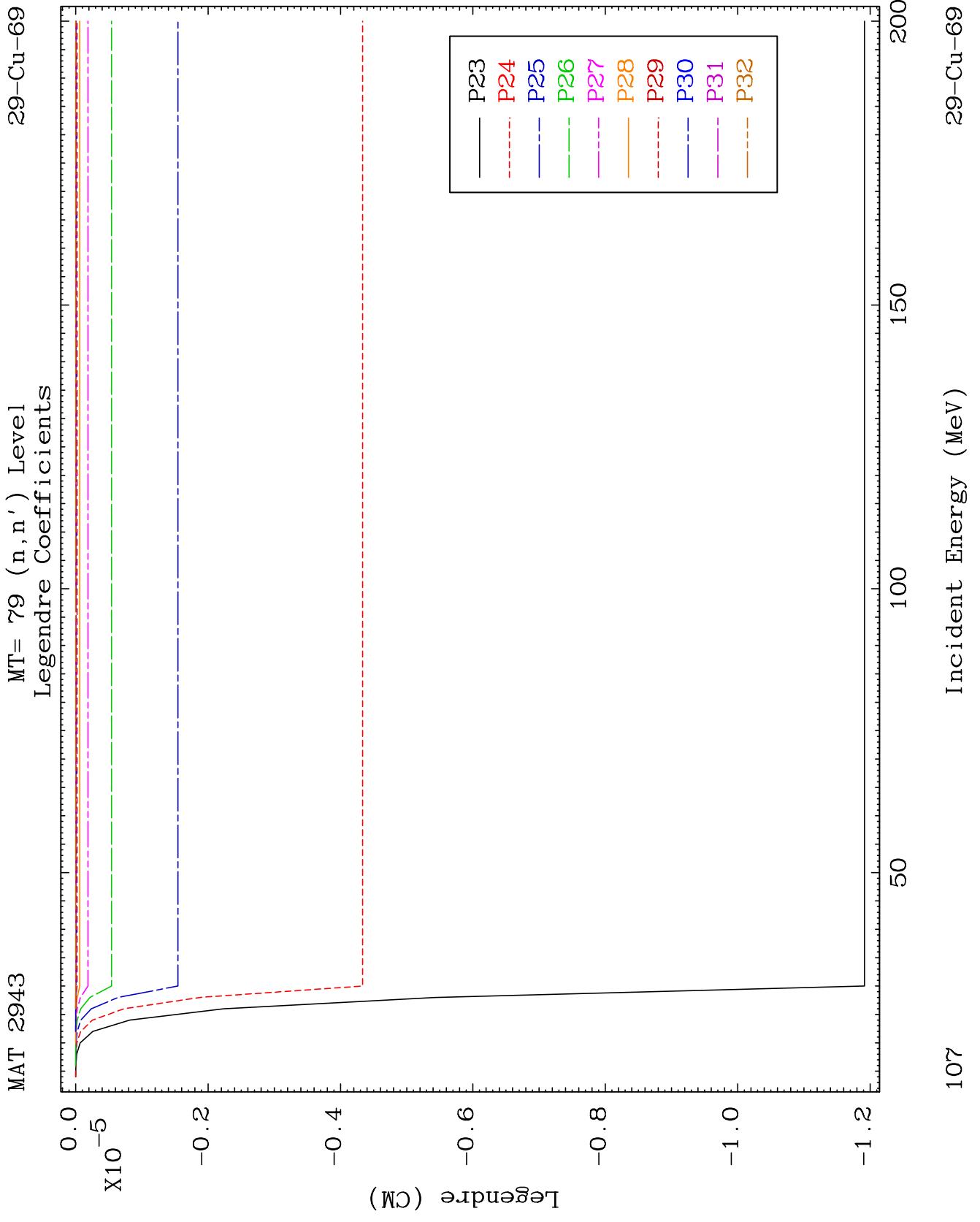
105

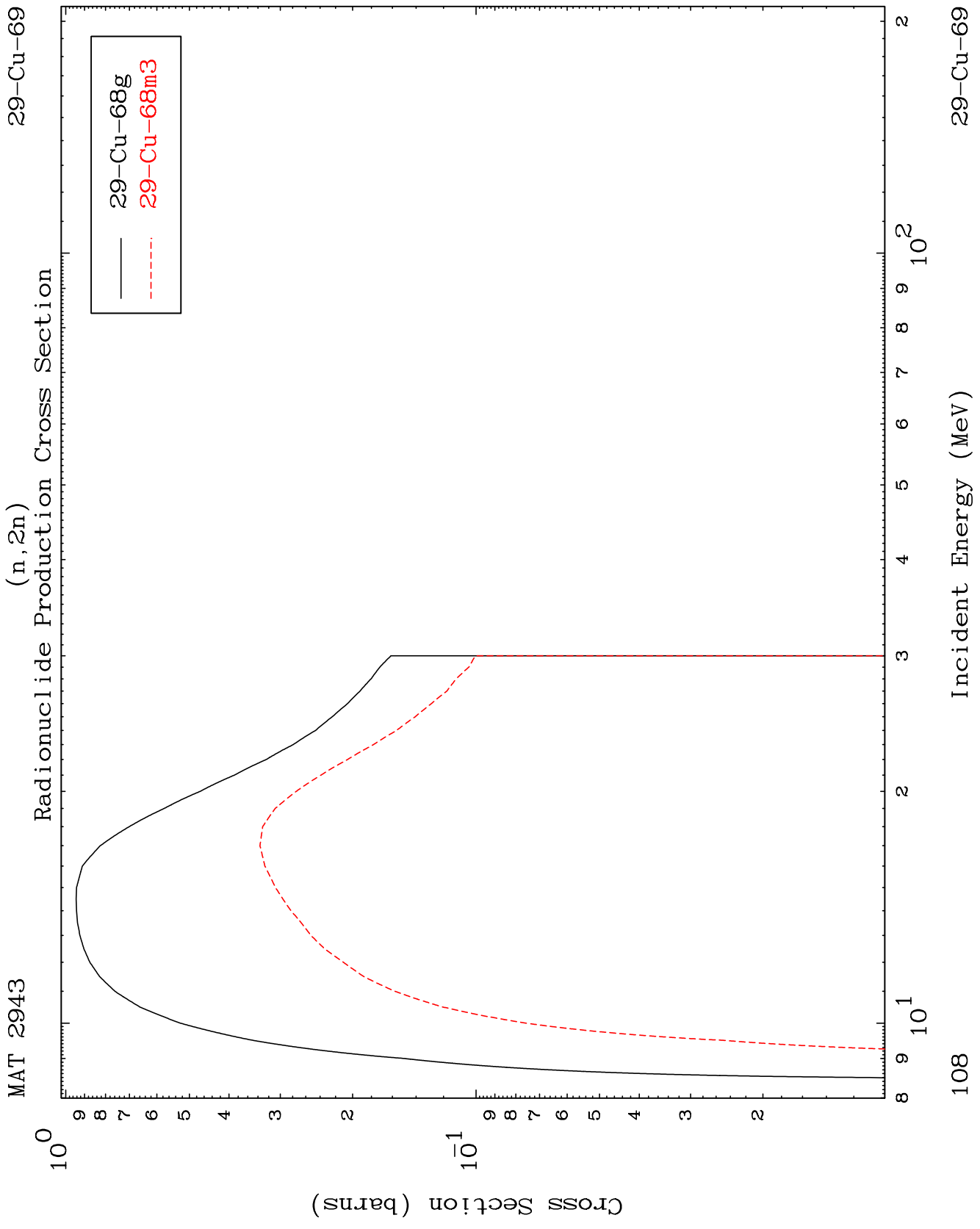
MAT 2943

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

29-Cu-69

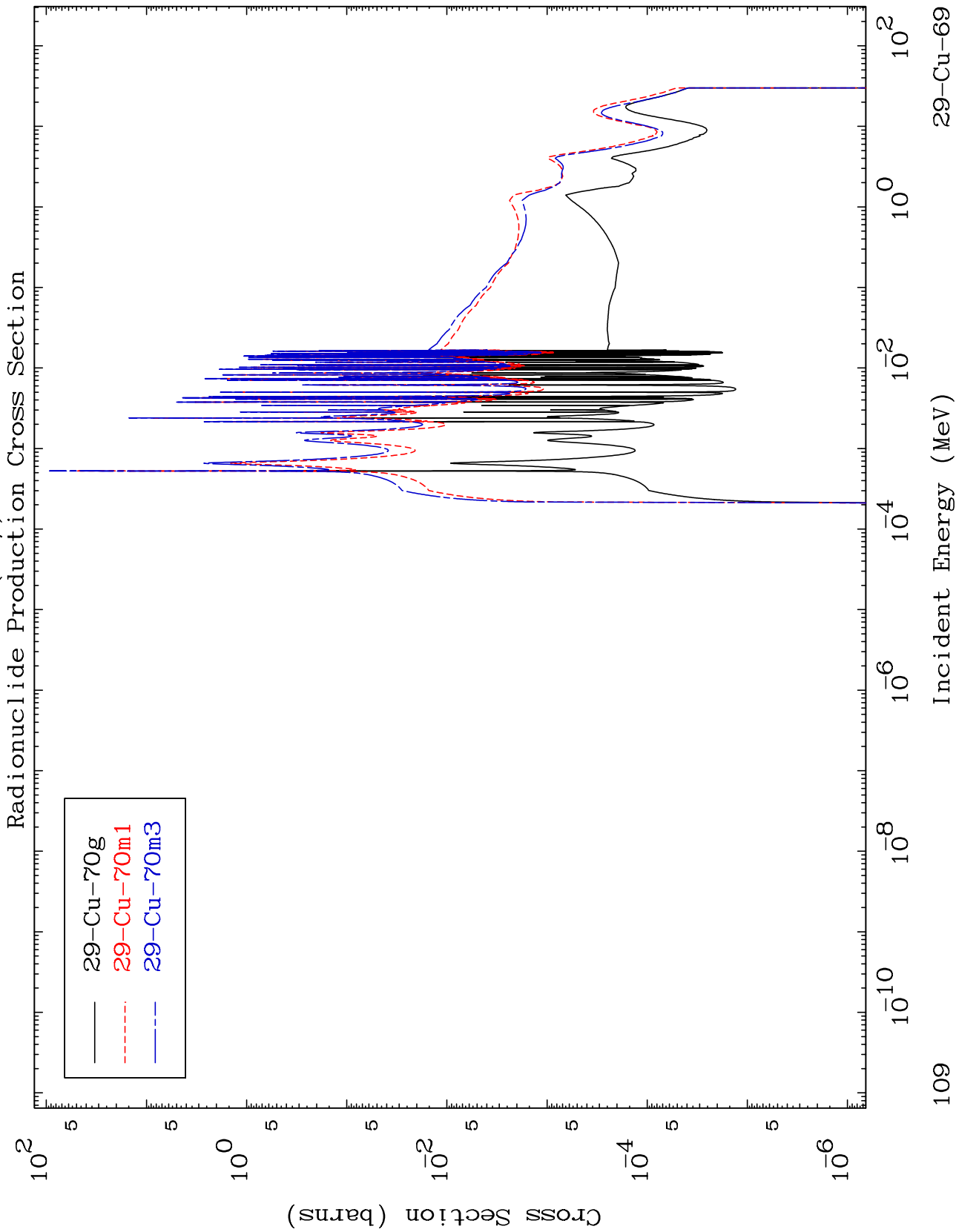






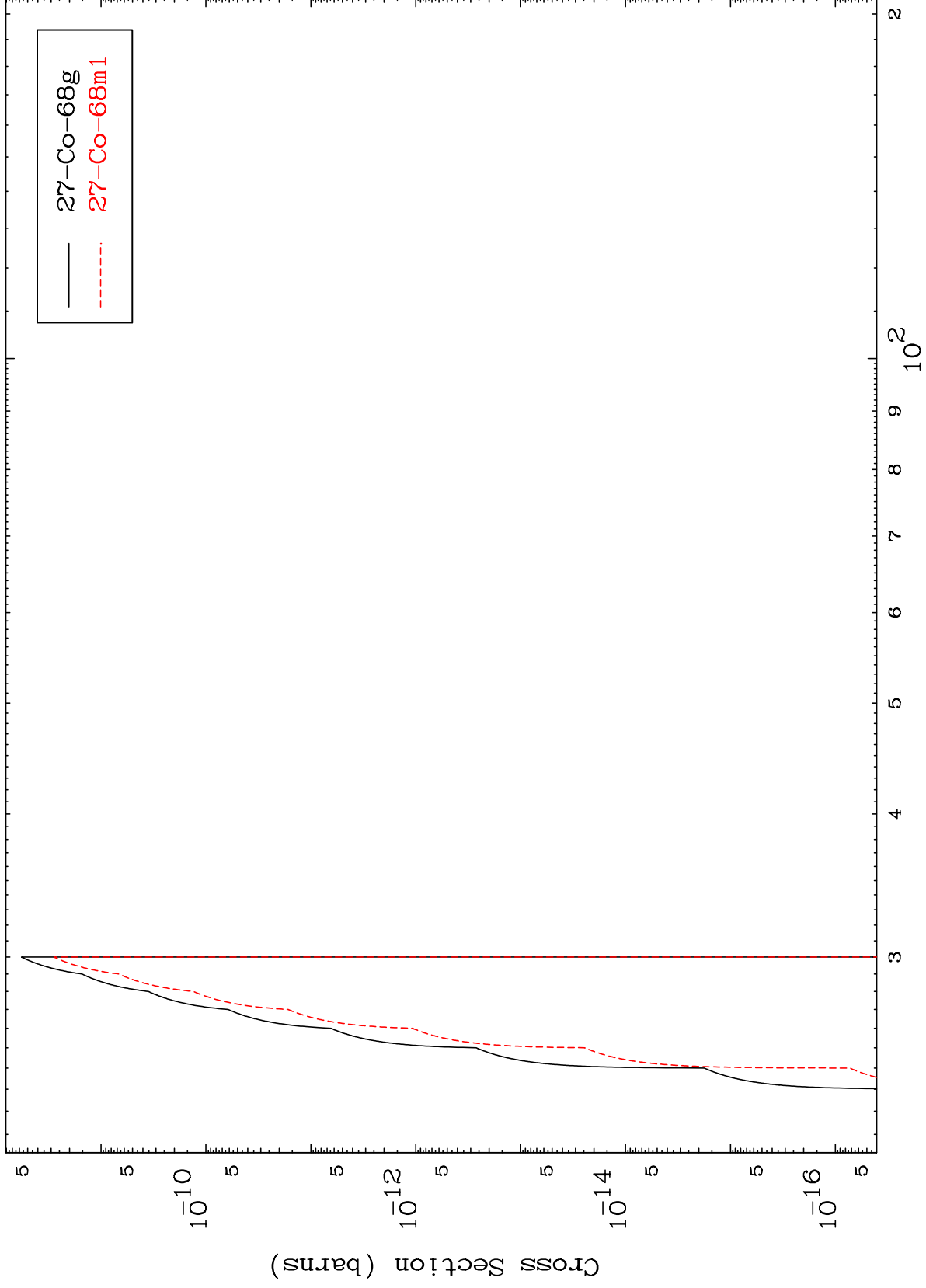
MAT 2943

29-Cu-69



109

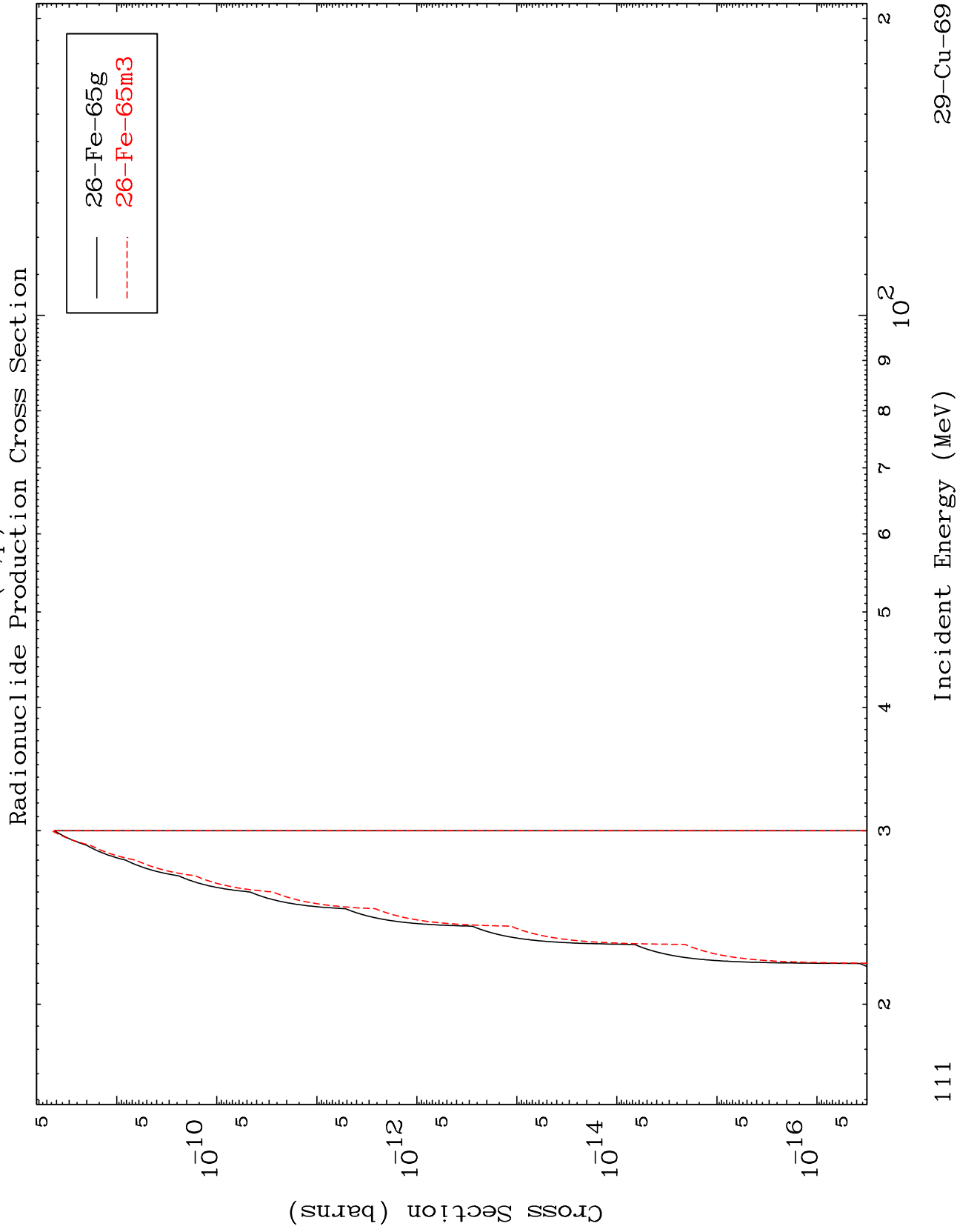
(n,2p)
Radionuclide Production Cross Section



MAT 2943

(n,p) α

29-Cu-69



111