

Program EVALPLOT
(Version 2018-1)

by

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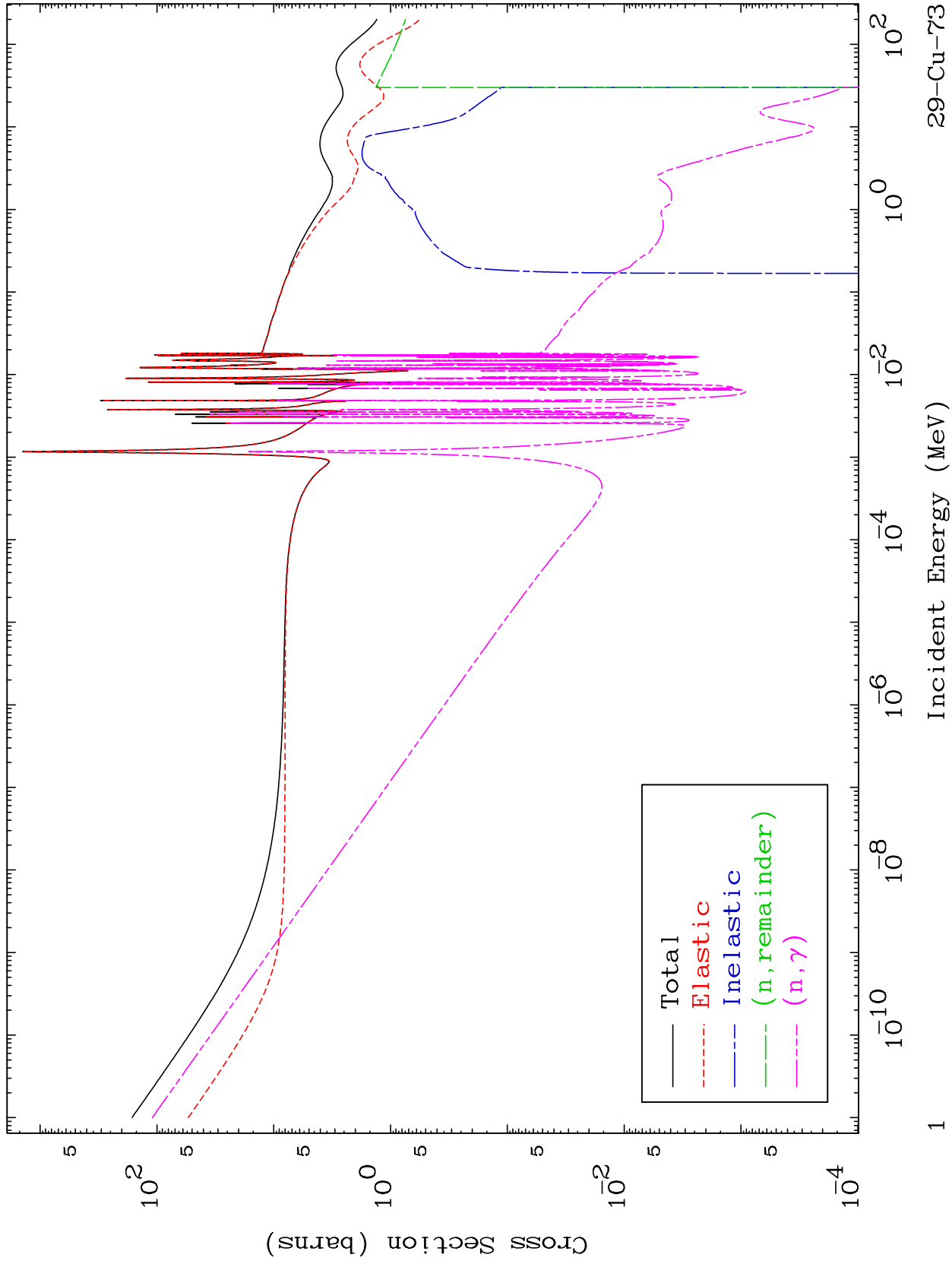
Press Mouse Button to Start

MAT 2955

Major

293 Kelvin Cross Sections

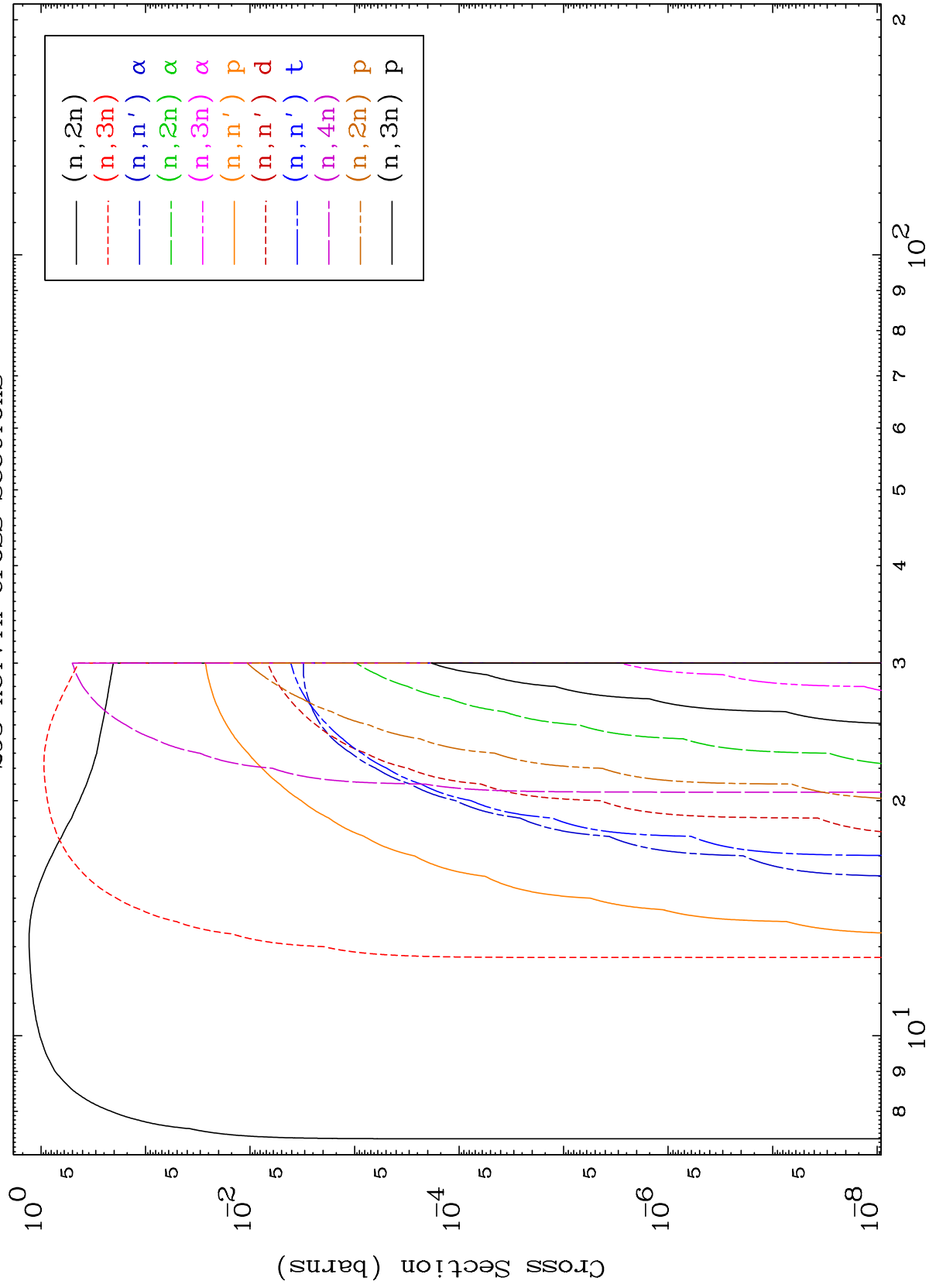
29-Cu-73



MAT 2955

Neutron Production
293 Kelvin Cross Sections

29-Cu-73



2

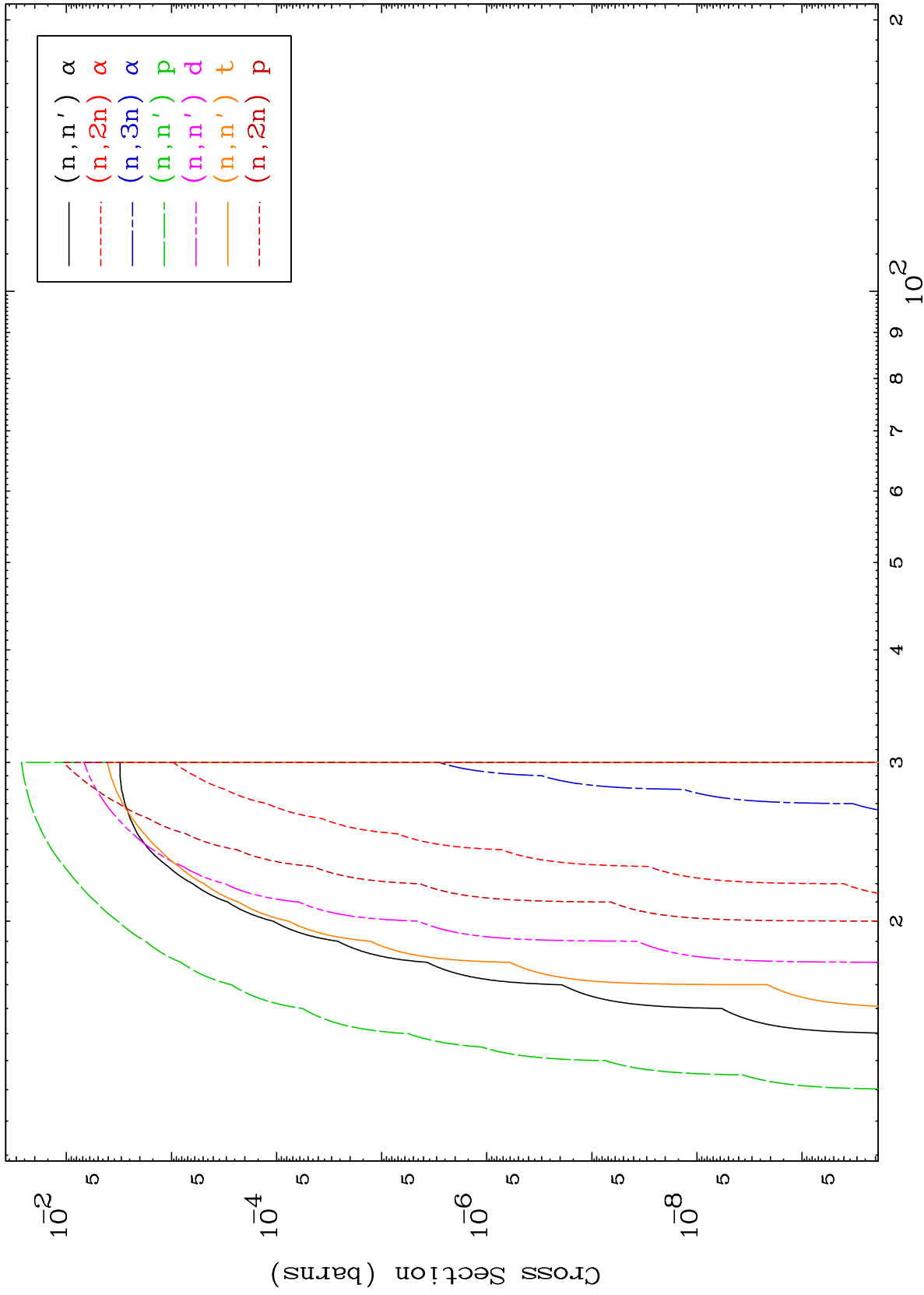
Incident Energy (MeV)

29-Cu-73

MAT 2955

Charged Particle
293 Kelvin Cross Sections

29-Cu-73



3

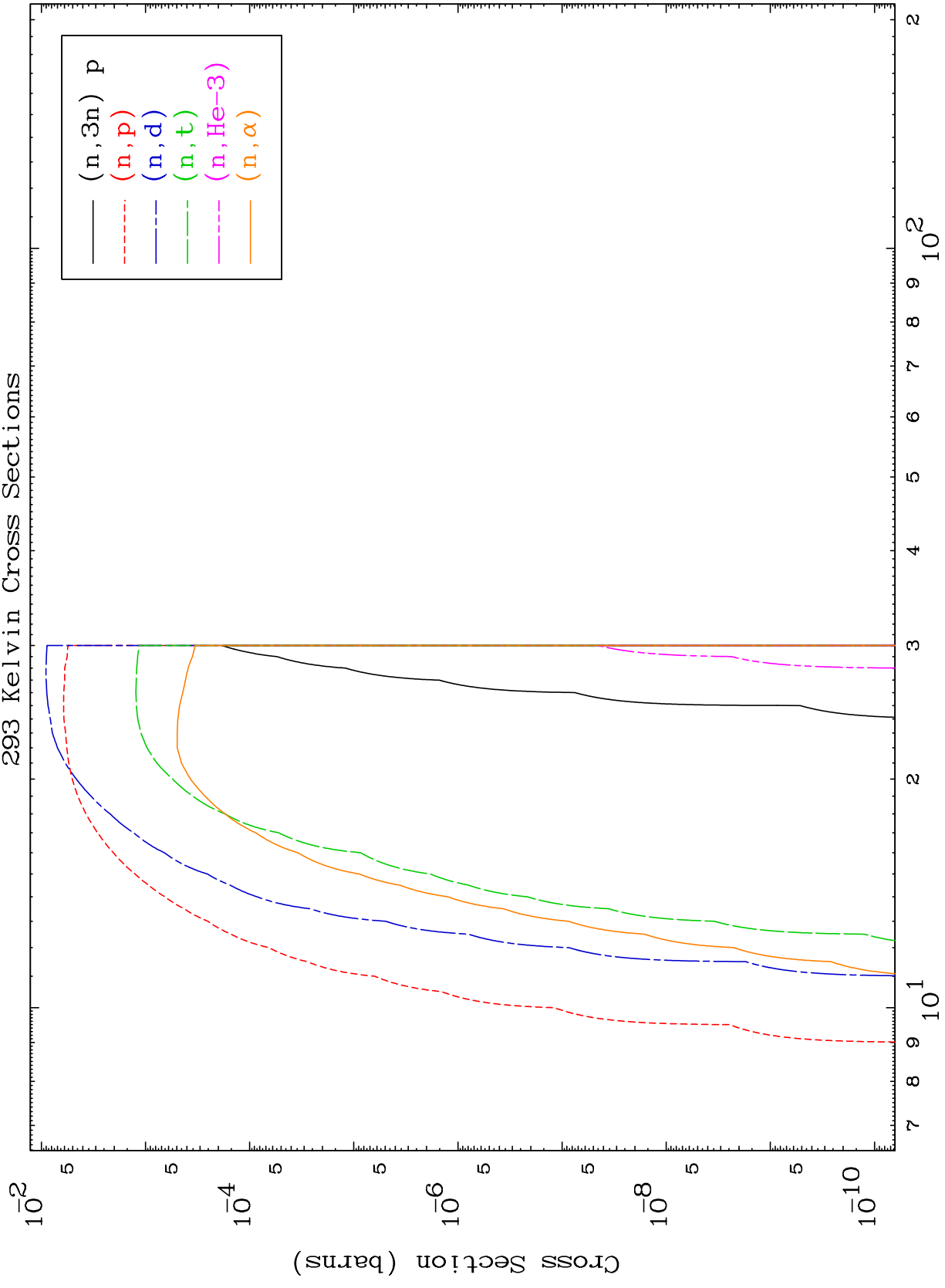
Incident Energy (MeV)

29-Cu-73

MAT 2955

Charged Particle
293 Kelvin Cross Sections

29-Cu-73



4

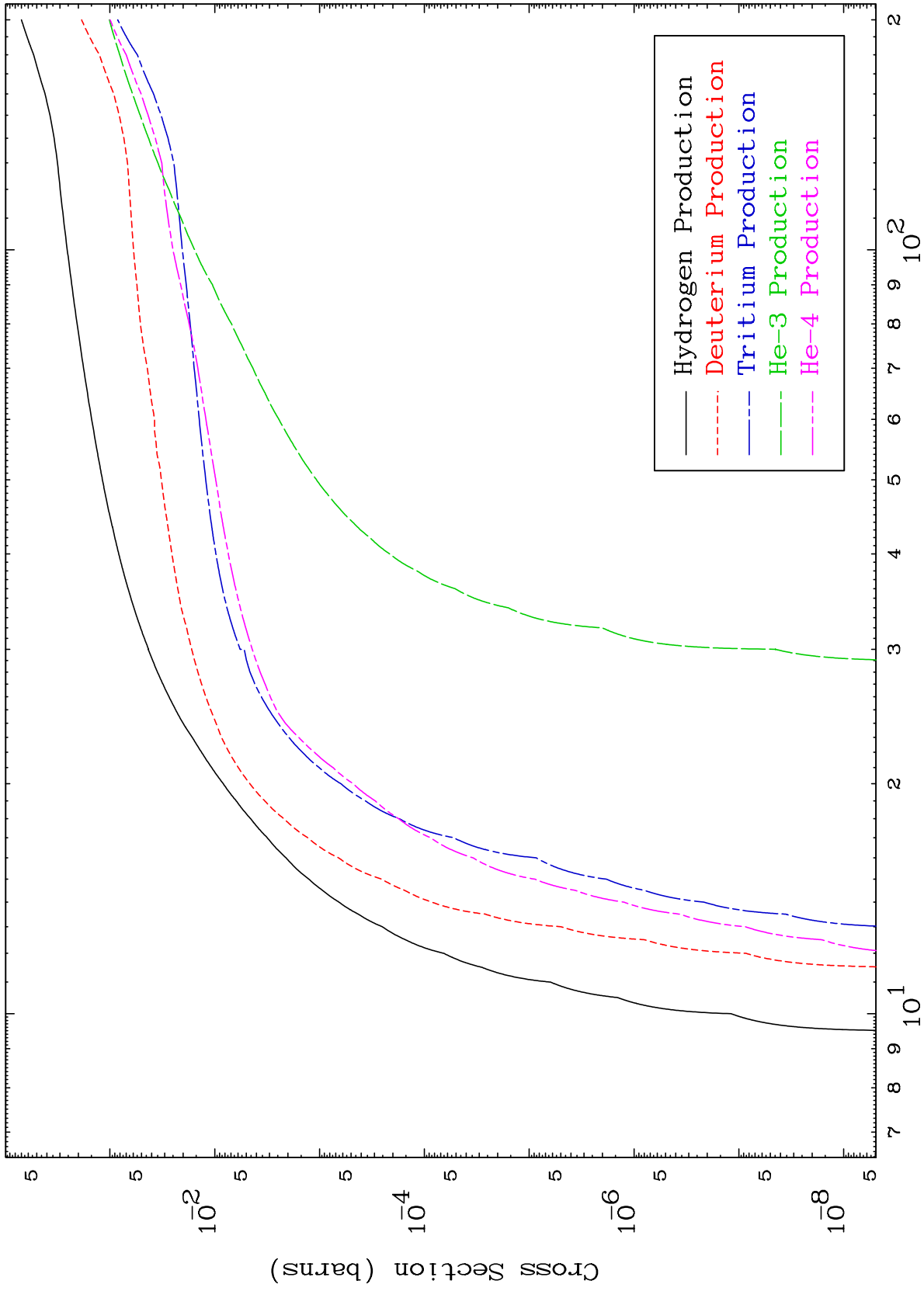
Incident Energy (MeV)

29-Cu-73

MAT 2955

Particle Production
293 Kelvin Cross Sections

29-Cu-73



5

Incident Energy (MeV)

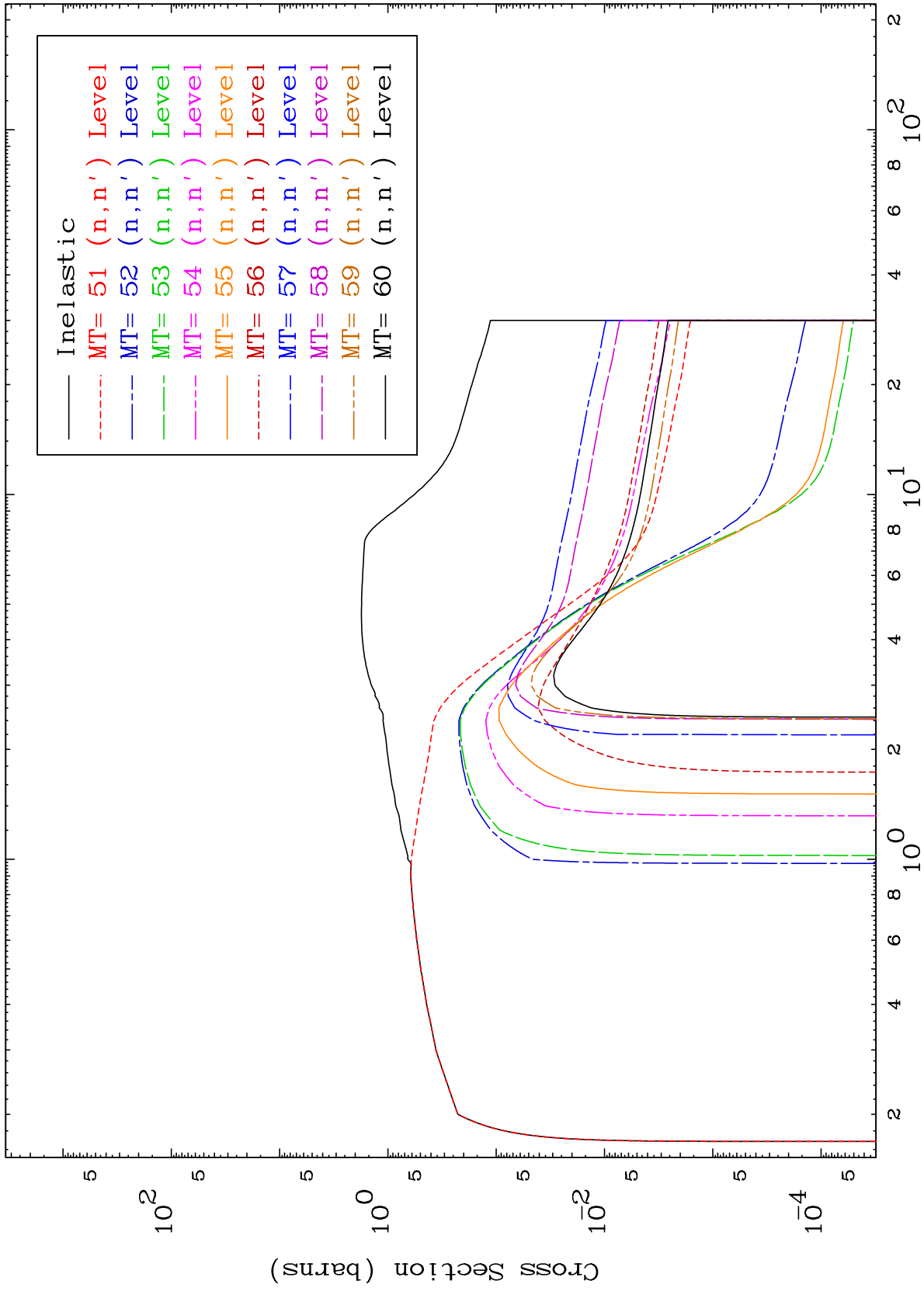
29-Cu-73

MAT 2955

(n,n') Level

29-Cu-73

293 Kelvin Cross Sections



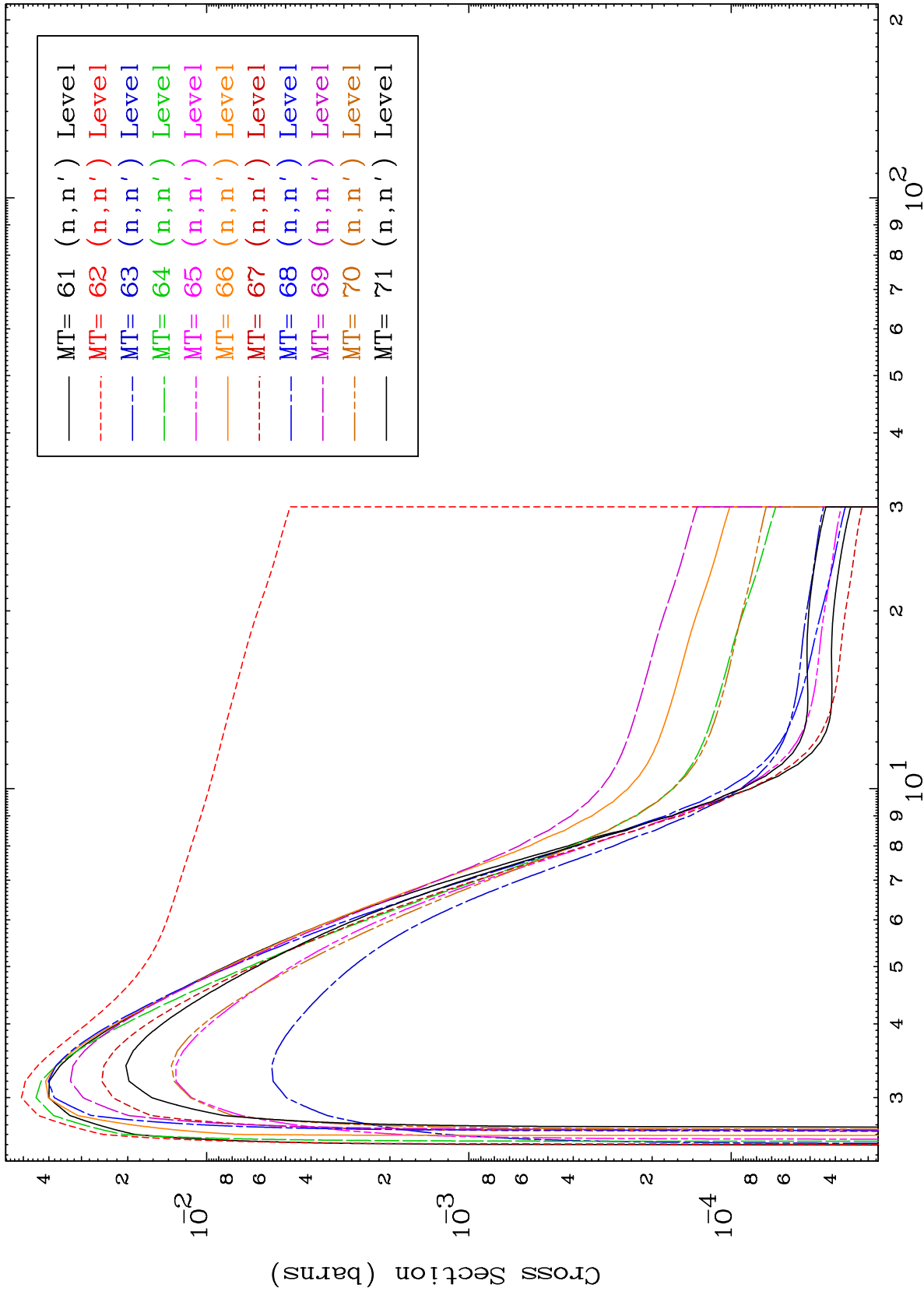
6

MAT 2955

(n,n') Level

29-Cu-73

293 Kelvin Cross Sections

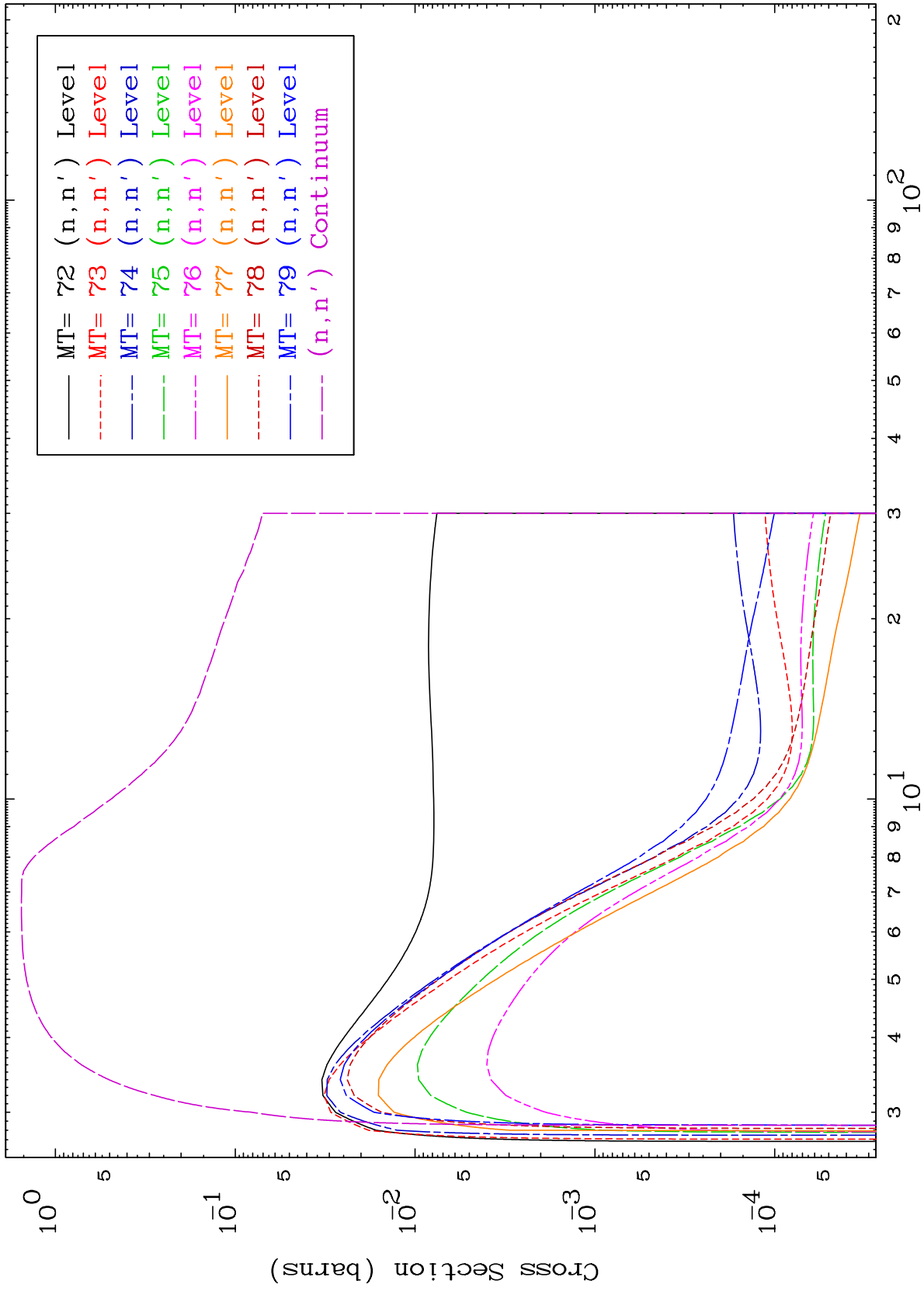


7

MAT 2955

(n,n') Level
293 Kelvin Cross Sections

29-Cu-73



8

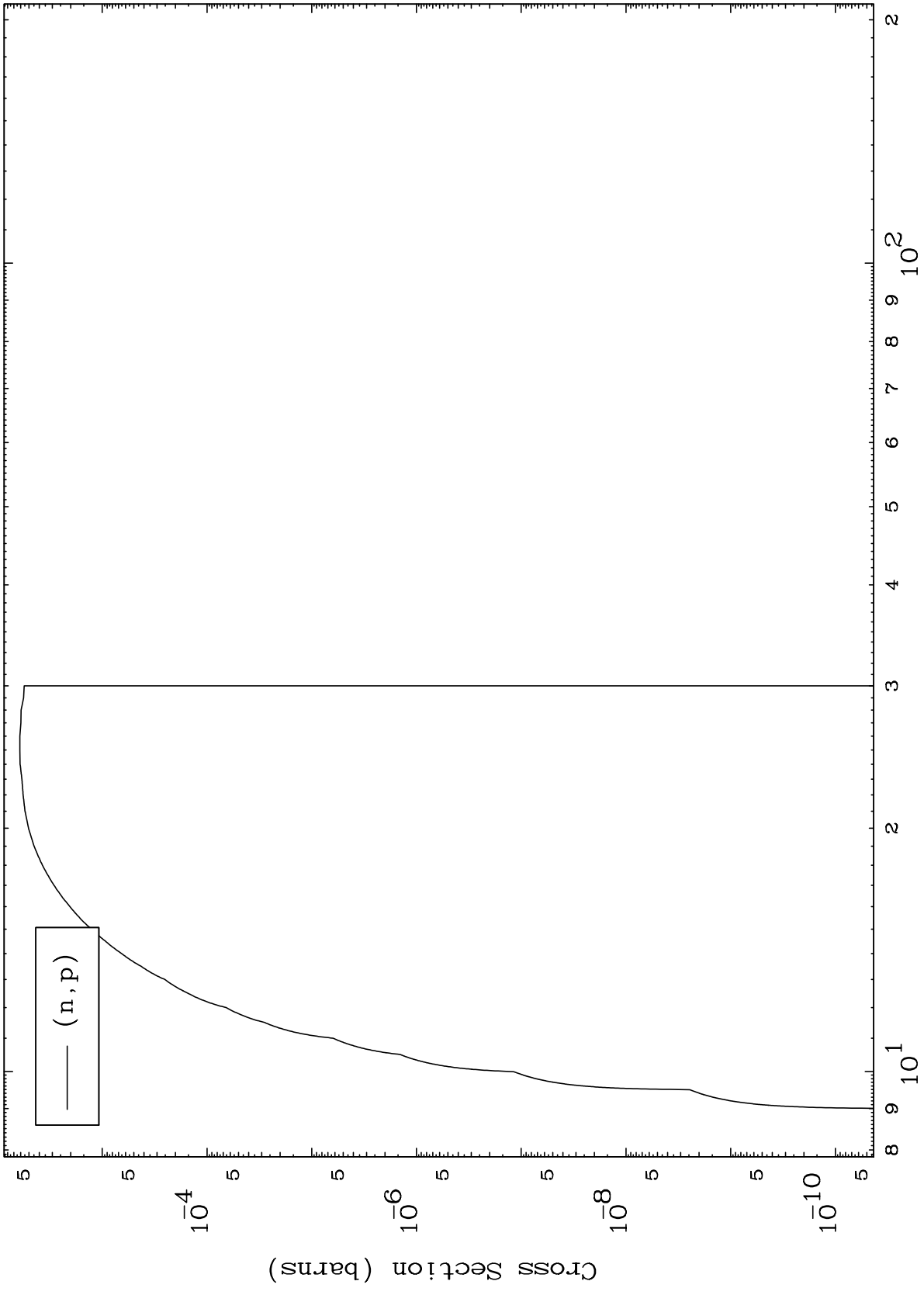
Incident Energy (MeV)

29-Cu-73

MAT 2955

(n,p) Levels
293 Kelvin Cross Sections

29-Cu-73



9

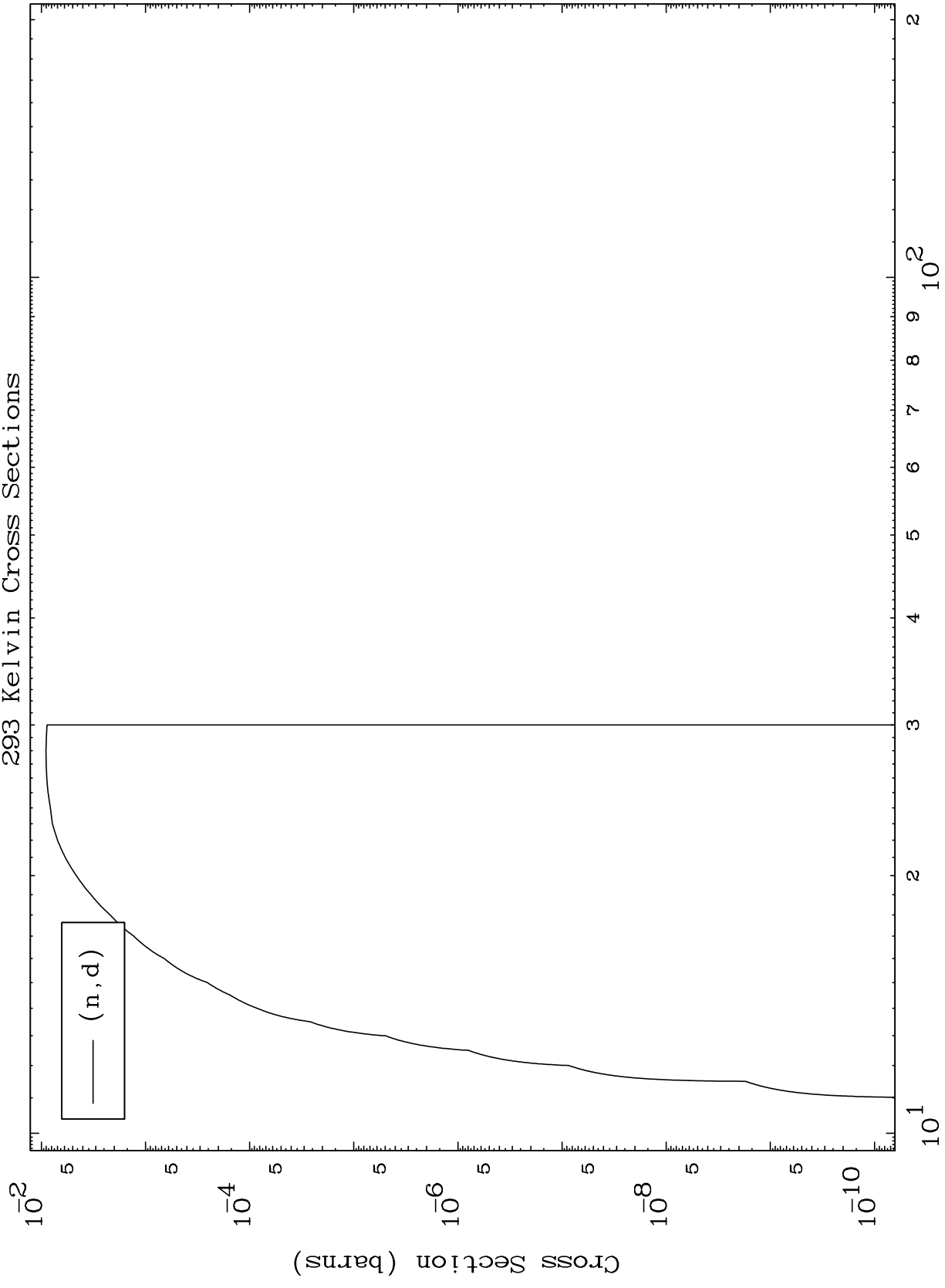
Incident Energy (MeV)

29-Cu-73

MAT 2955

(n,d) Levels
293 Kelvin Cross Sections

29-Cu-73



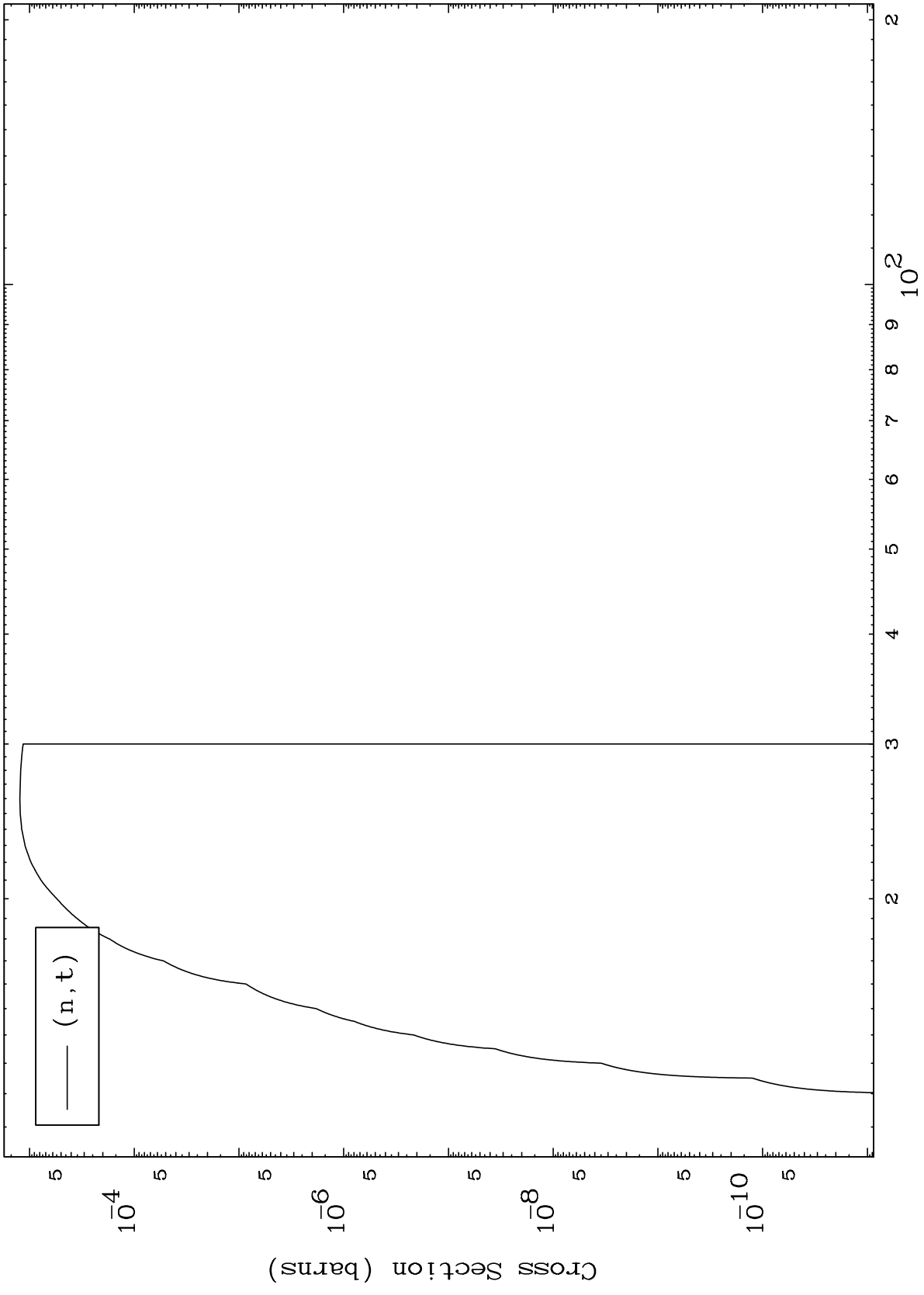
Incident Energy (MeV)

29-Cu-73

MAT 2955

(n,t) Levels
293 Kelvin Cross Sections

29-Cu-73



11

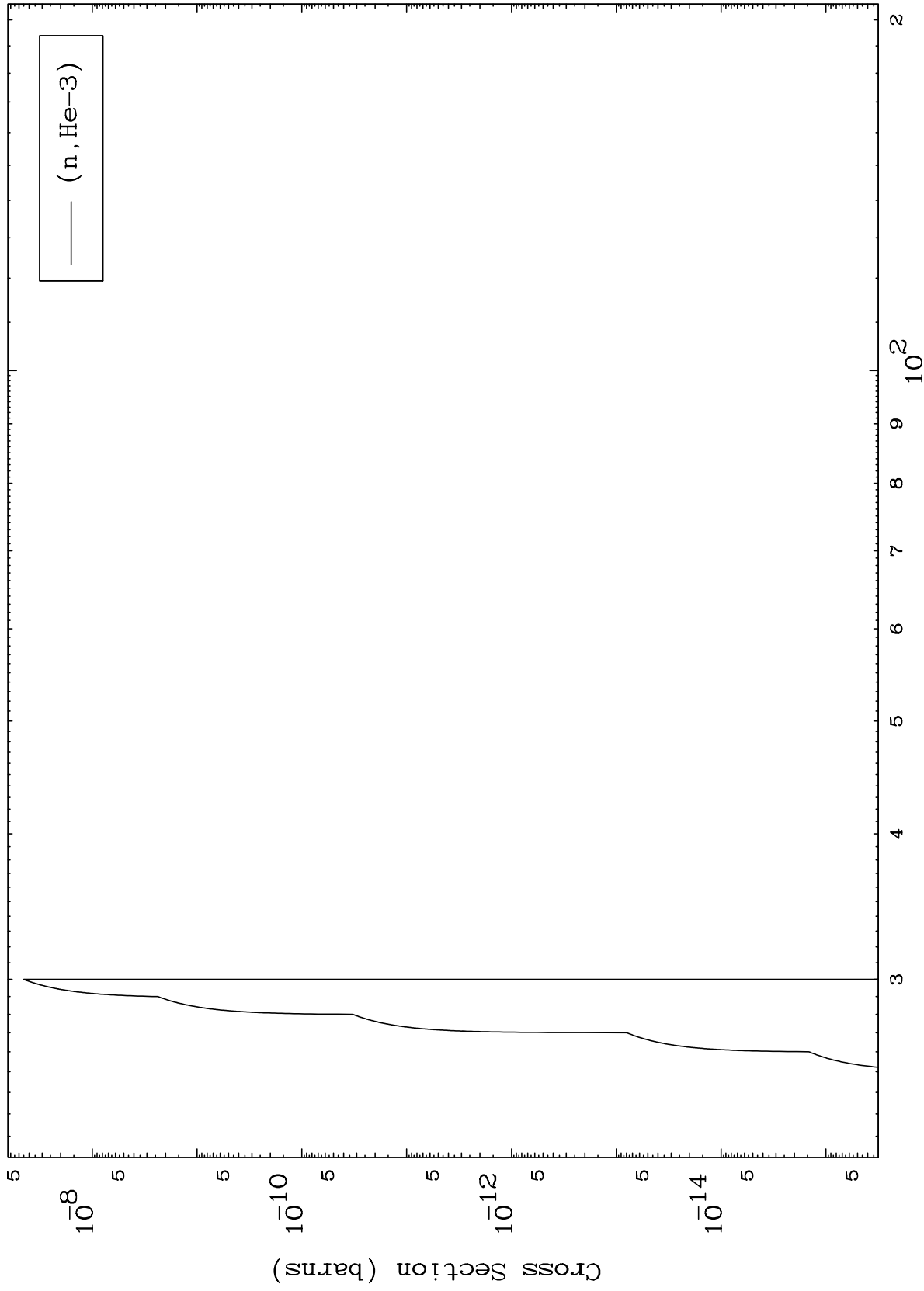
Incident Energy (MeV)

29-Cu-73

MAT 2955

(n,He3) Levels
293 Kelvin Cross Sections

29-Cu-73



12

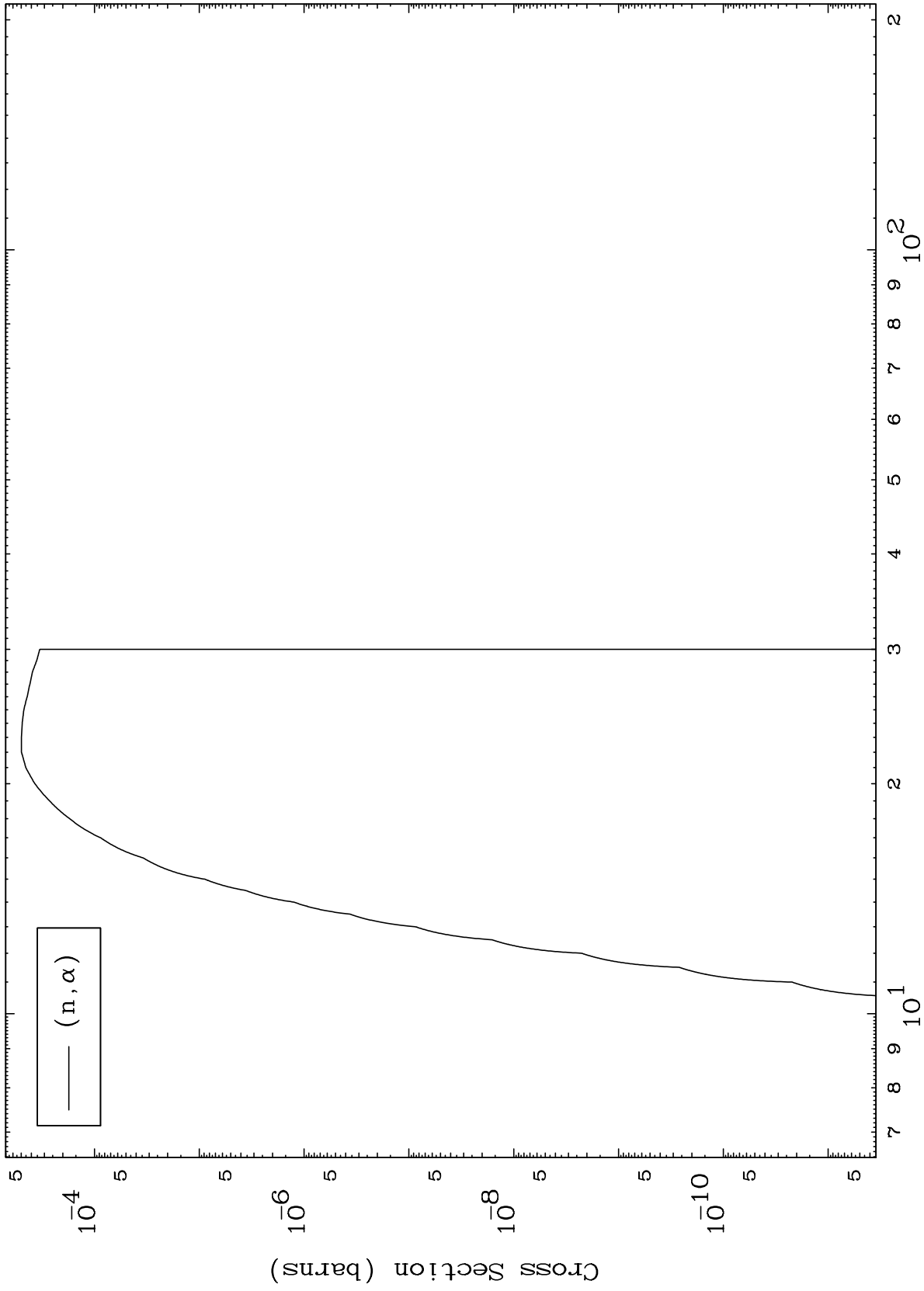
Incident Energy (MeV)

29-Cu-73

MAT 2955

(n,α) Levels
293 Kelvin Cross Sections

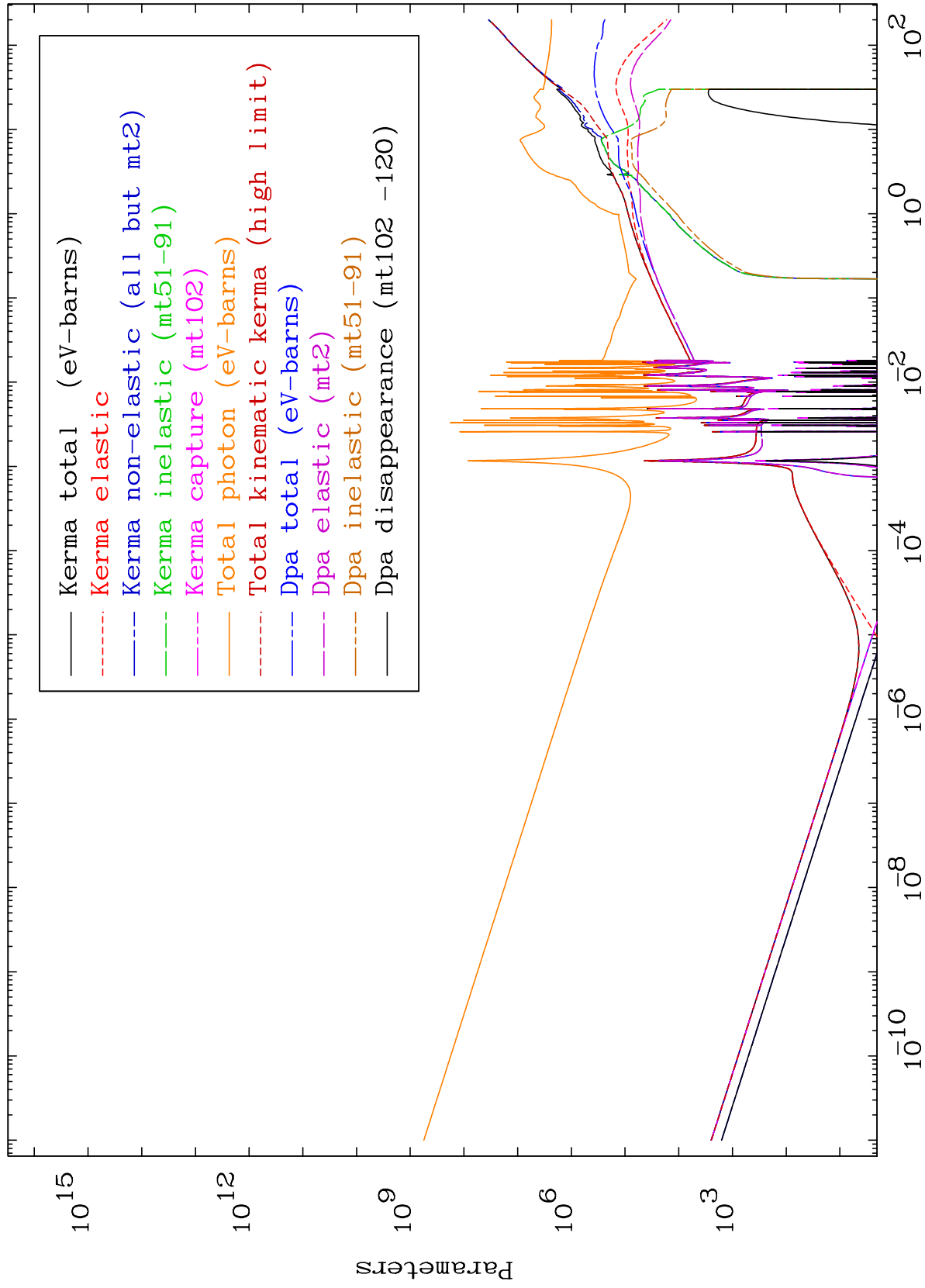
29-Cu-73

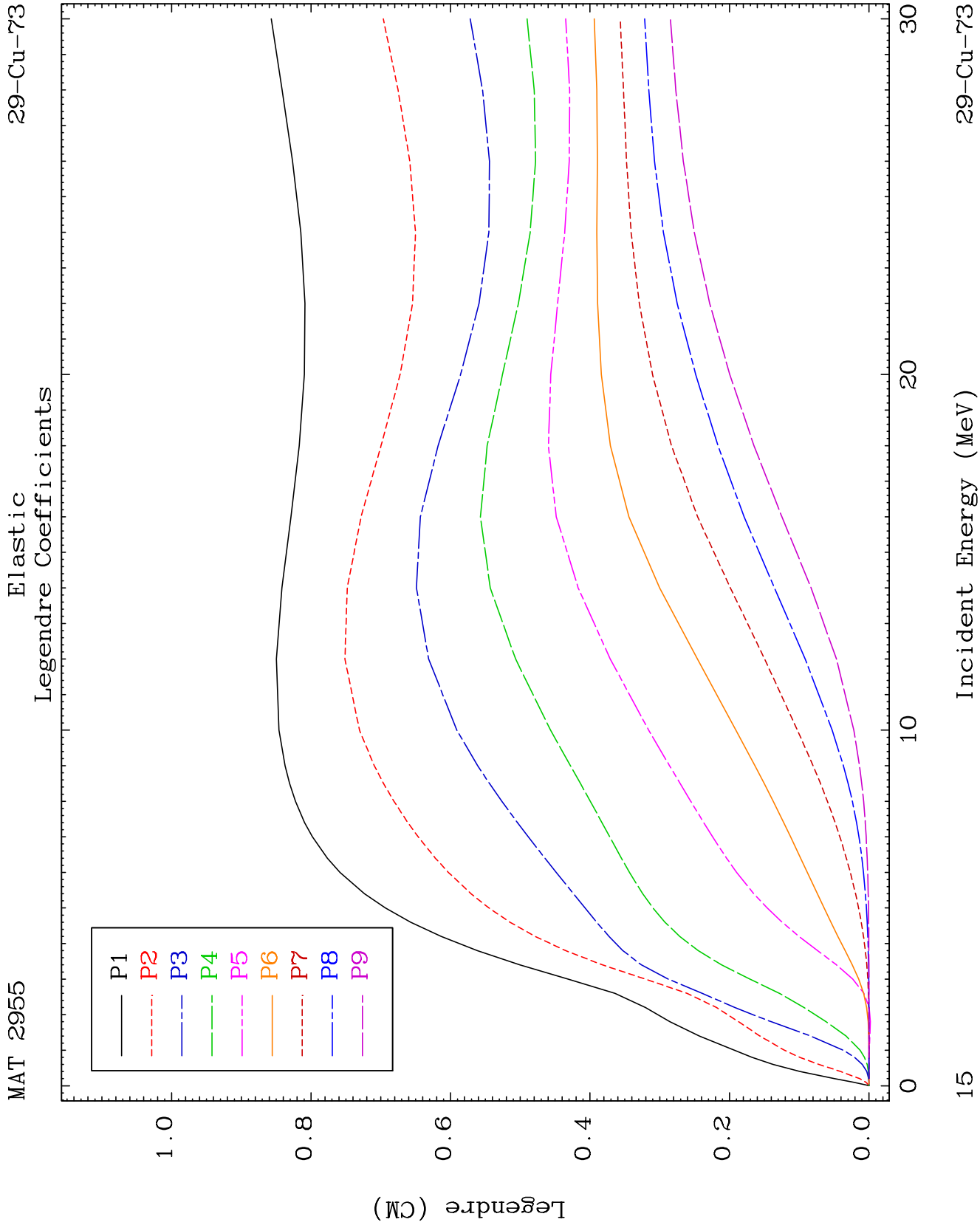


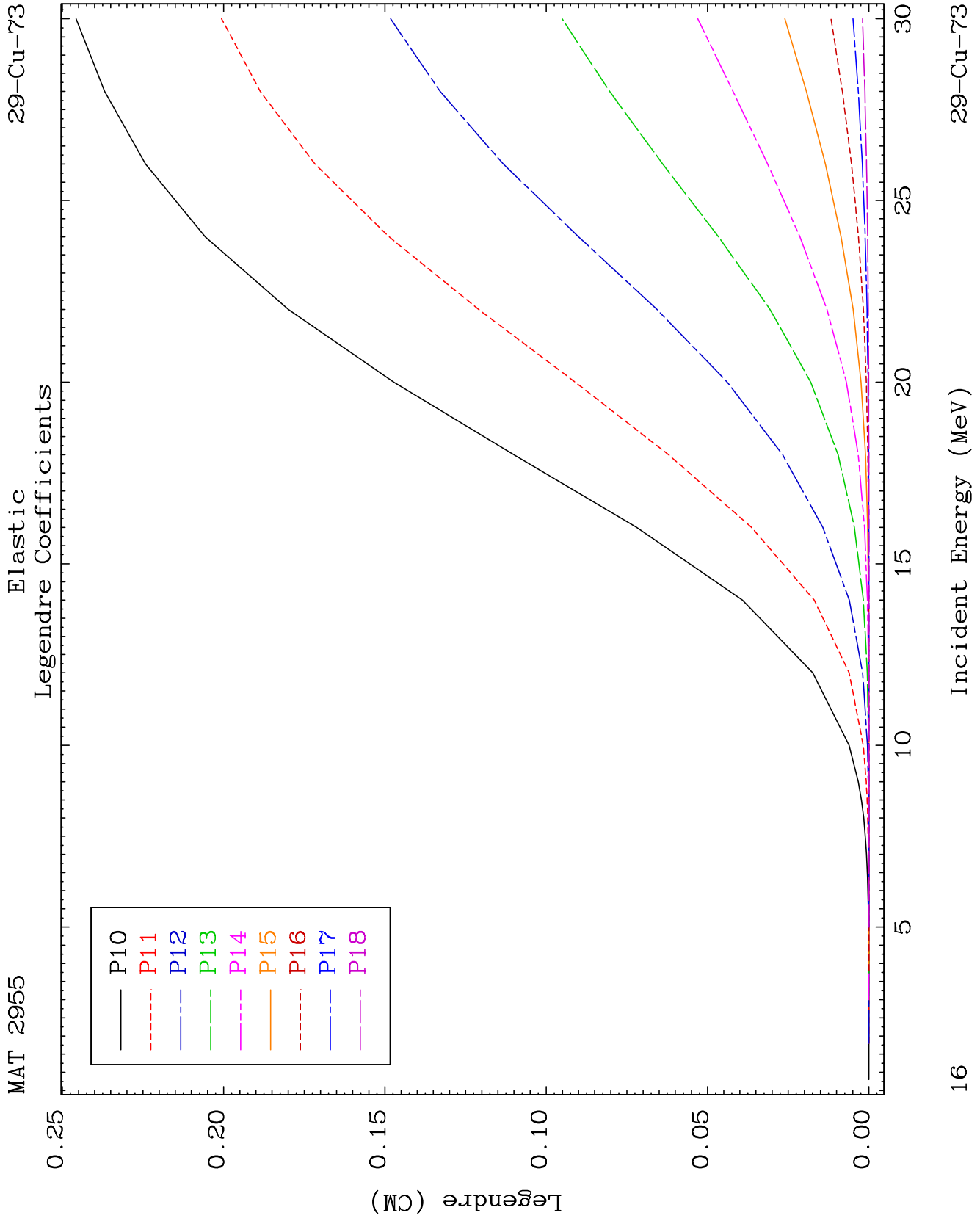
13

Incident Energy (MeV)

29-Cu-73



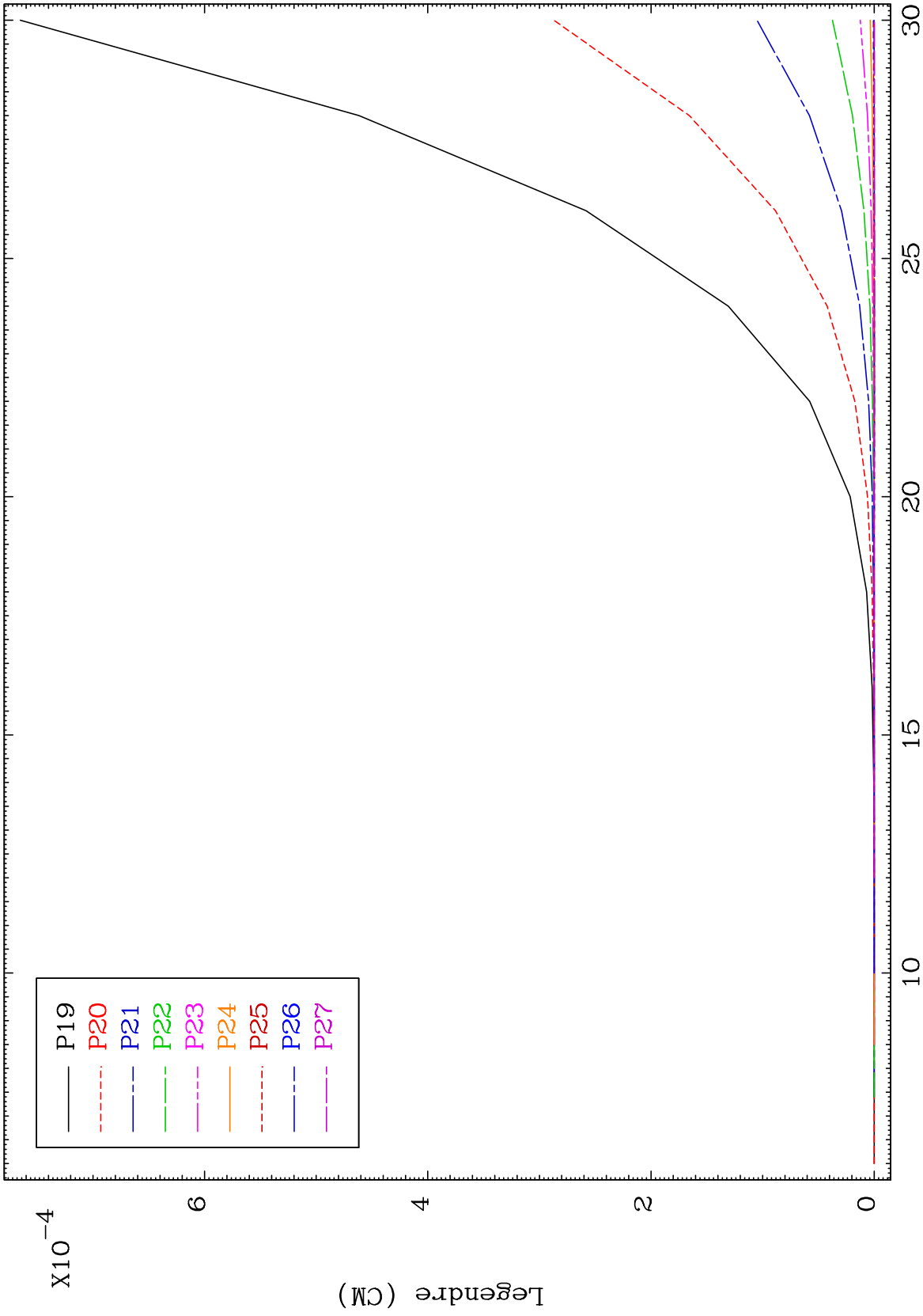




MAT 2955

Elastic Legendre Coefficients

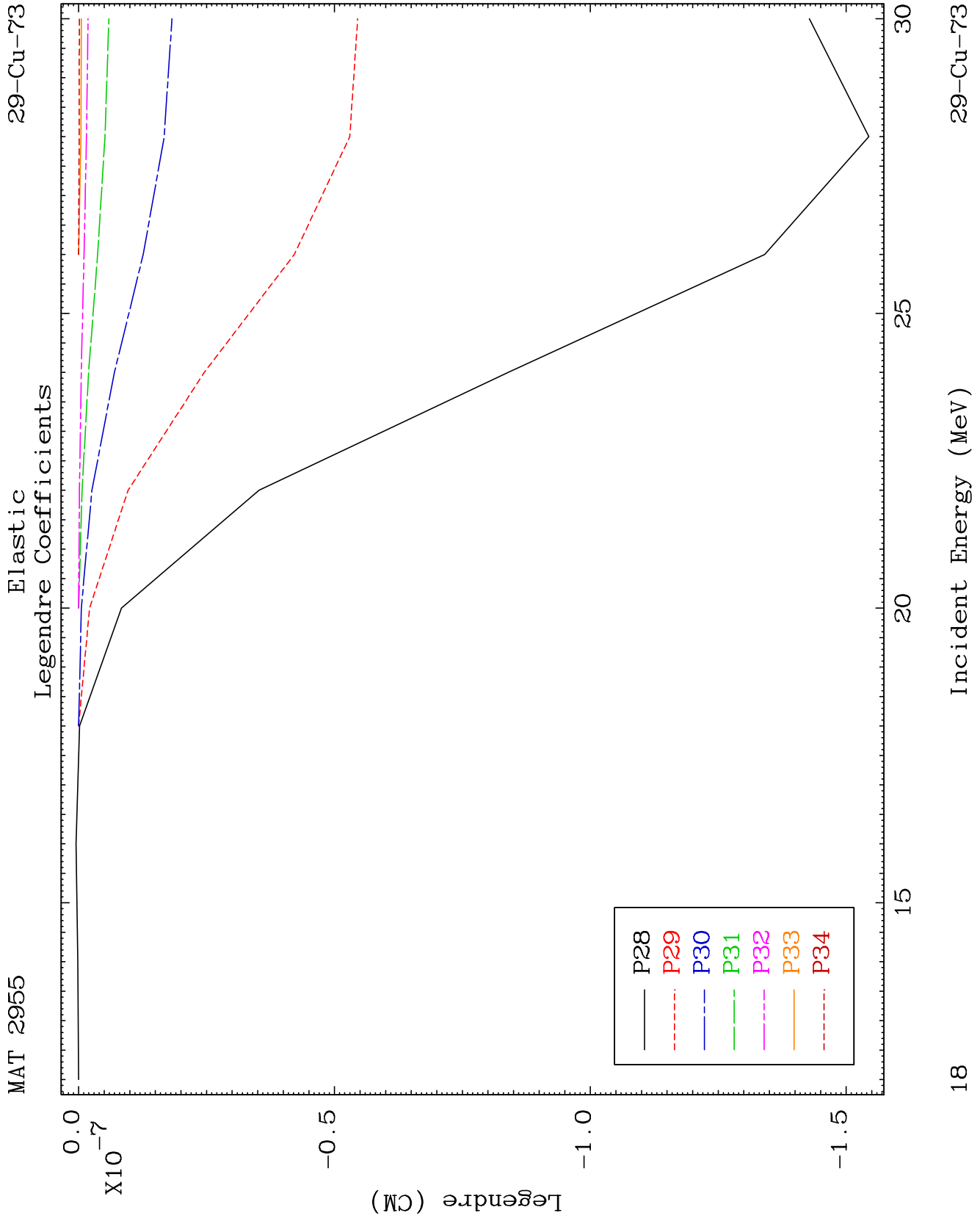
29-Cu-73



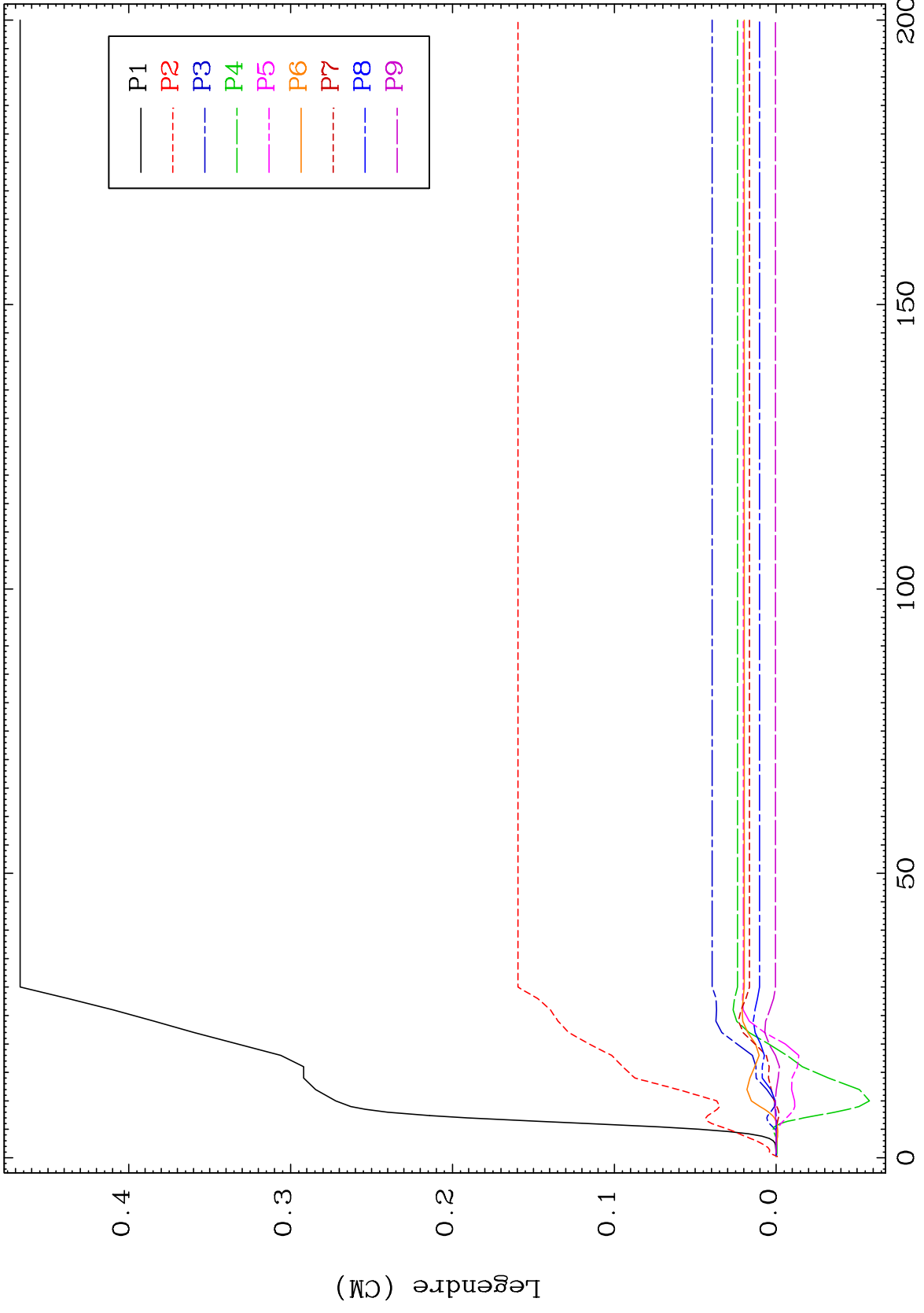
17

Incident Energy (MeV)

29-Cu-73



MAT 2955 MT= 51 (n,n') Level Legendre Coefficients 29-Cu-73

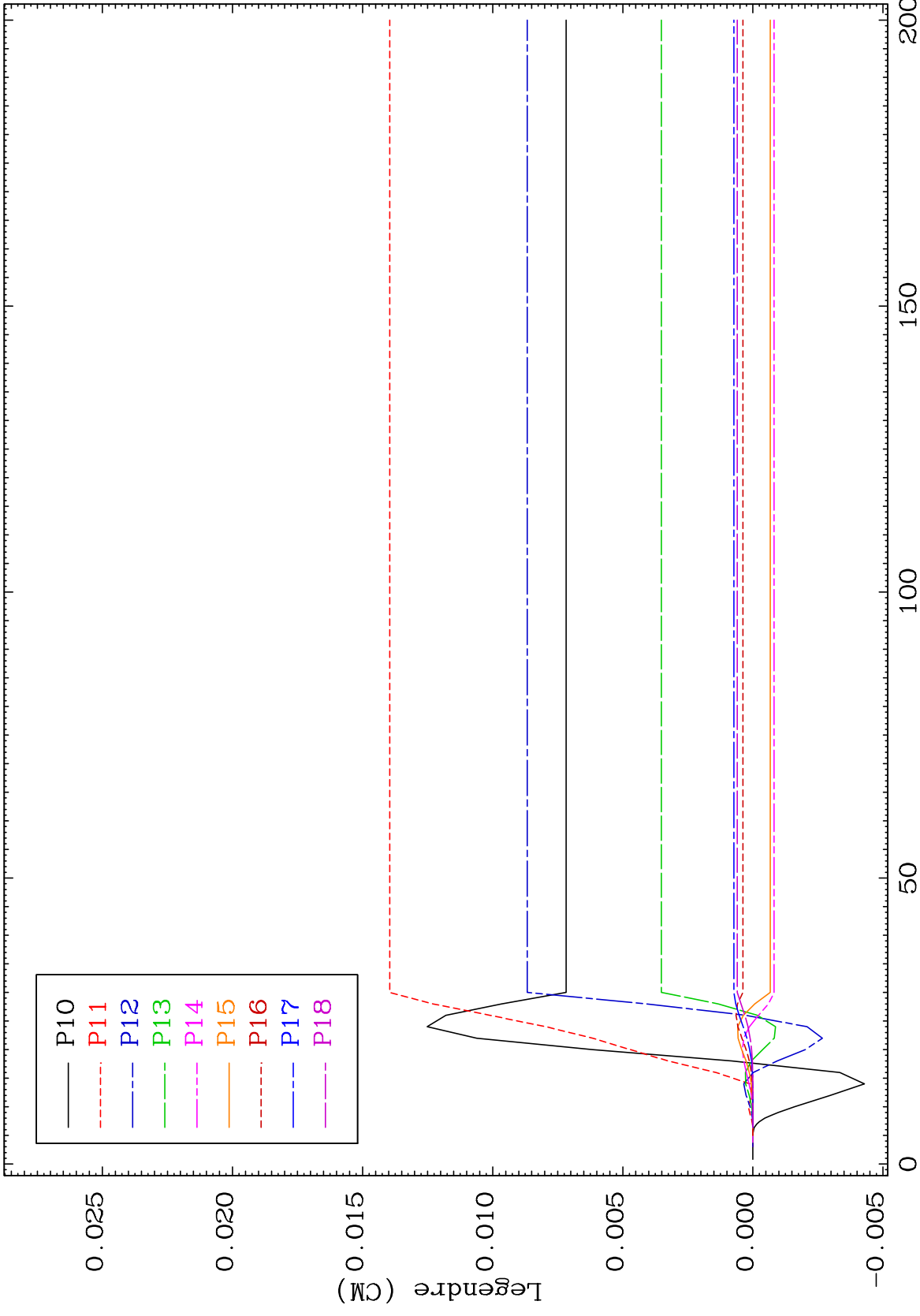


19 29-Cu-73

MAT 2955

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

29-Cu-73



20

Incident Energy (MeV)

29-Cu-73

200

150

100

50

0.025

0.020

Legendre (CM)

0.010

0.005

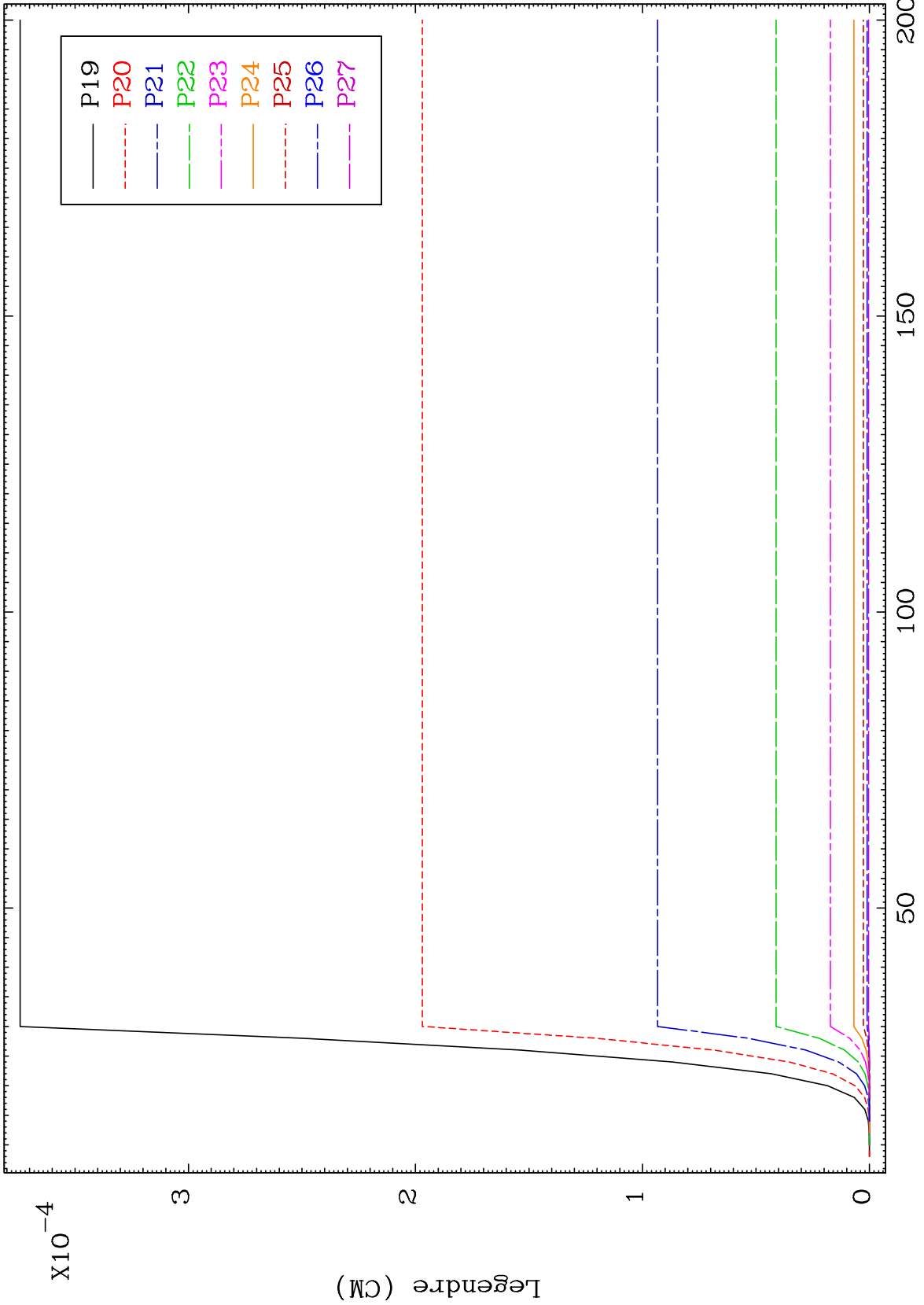
0.000

-0.005

MAT 2955

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

29-Cu-73



21

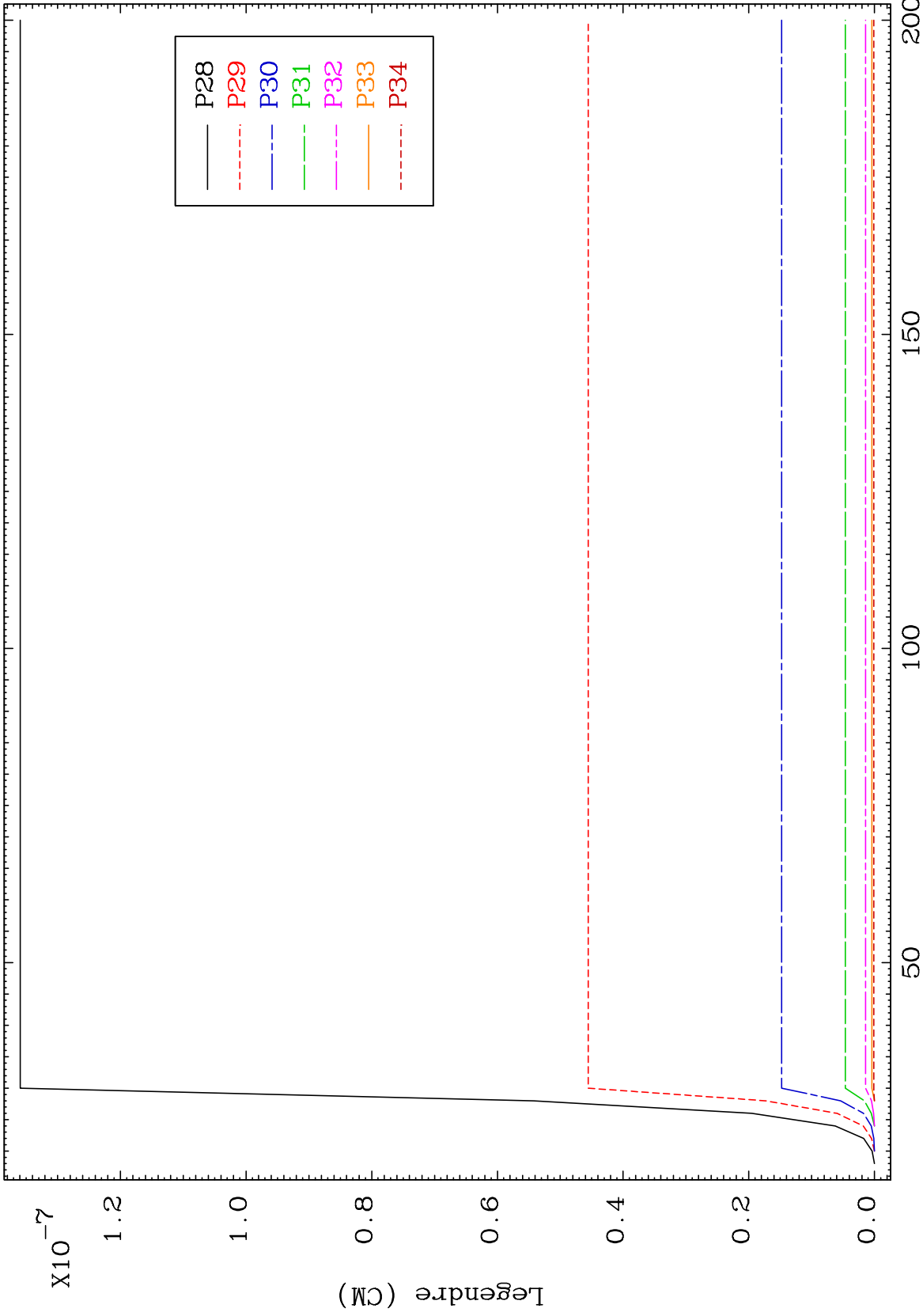
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73

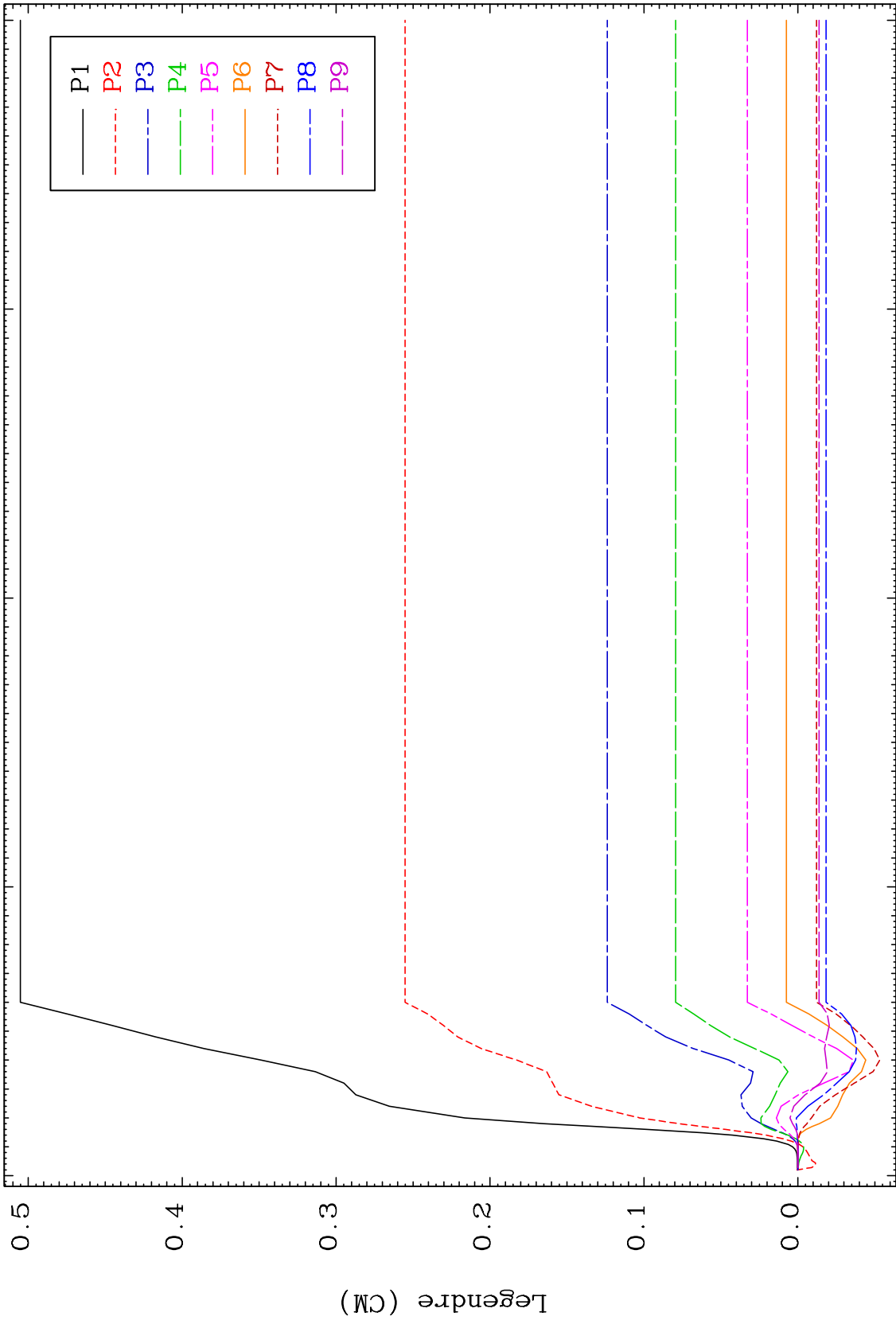


22

Incident Energy (MeV)

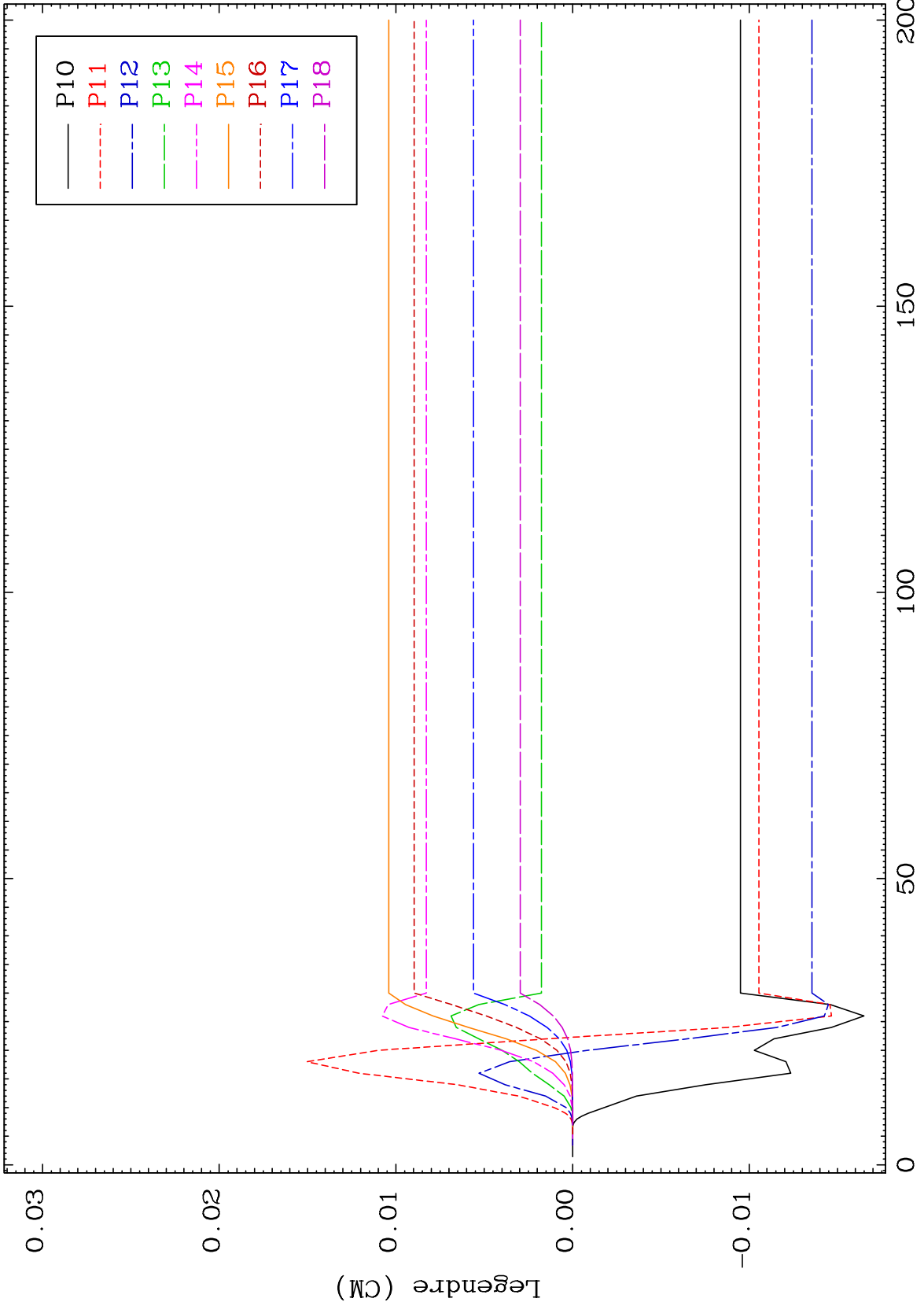
29-Cu-73

MAT 2955 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-73



23 29-Cu-73

MAT 2955 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-73

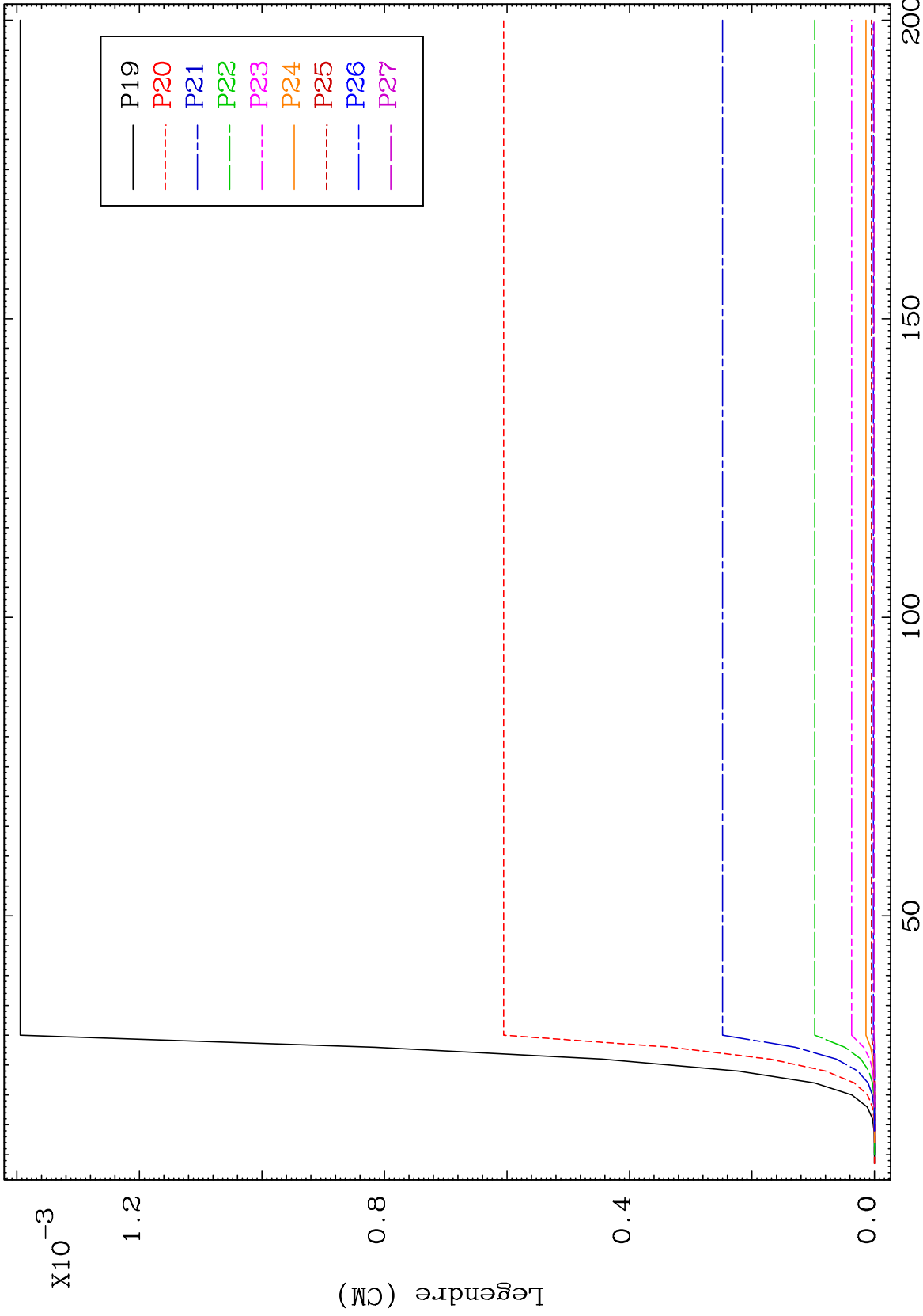


24 29-Cu-73

MAT 2955

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

29-Cu-73



25

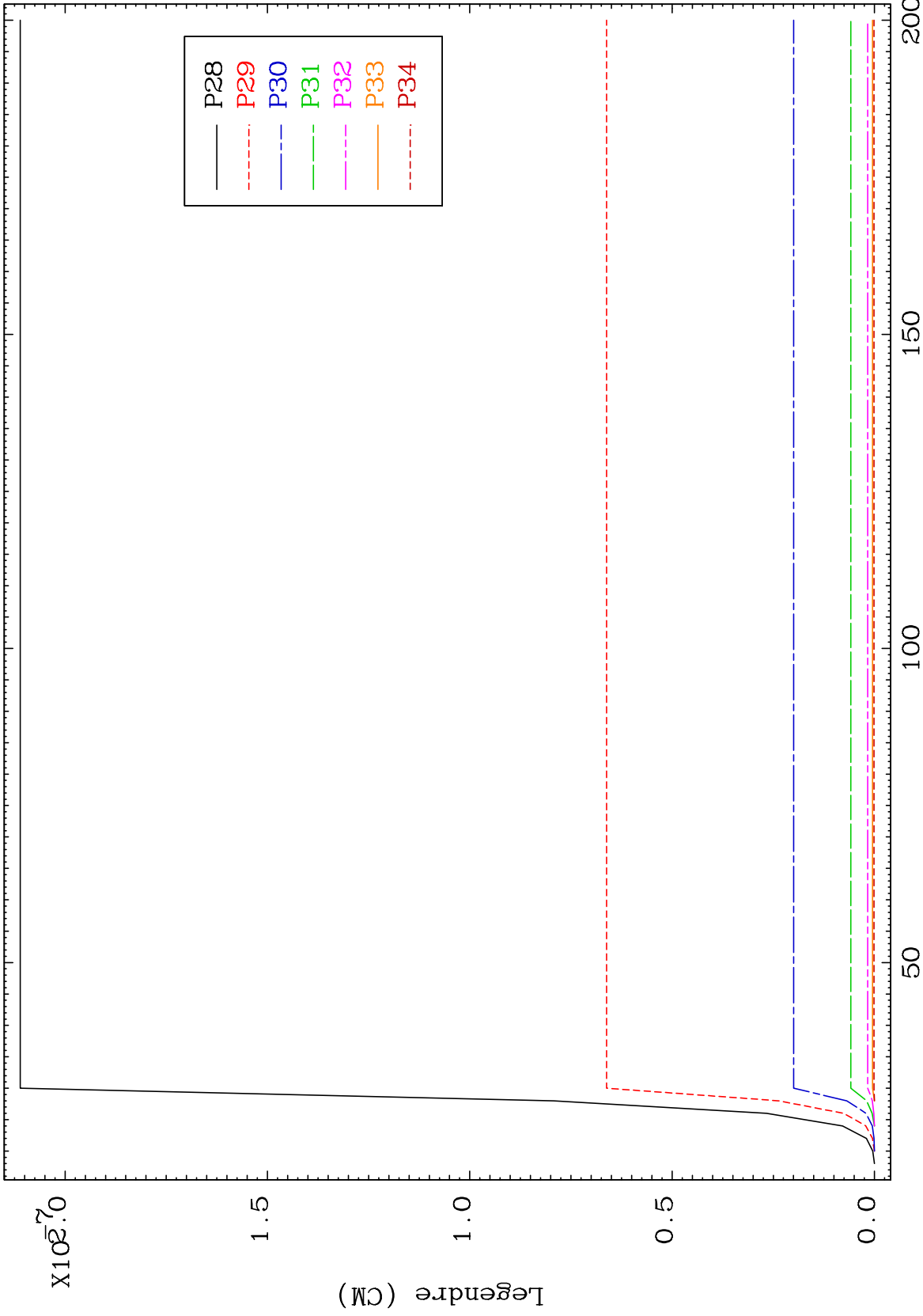
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



26

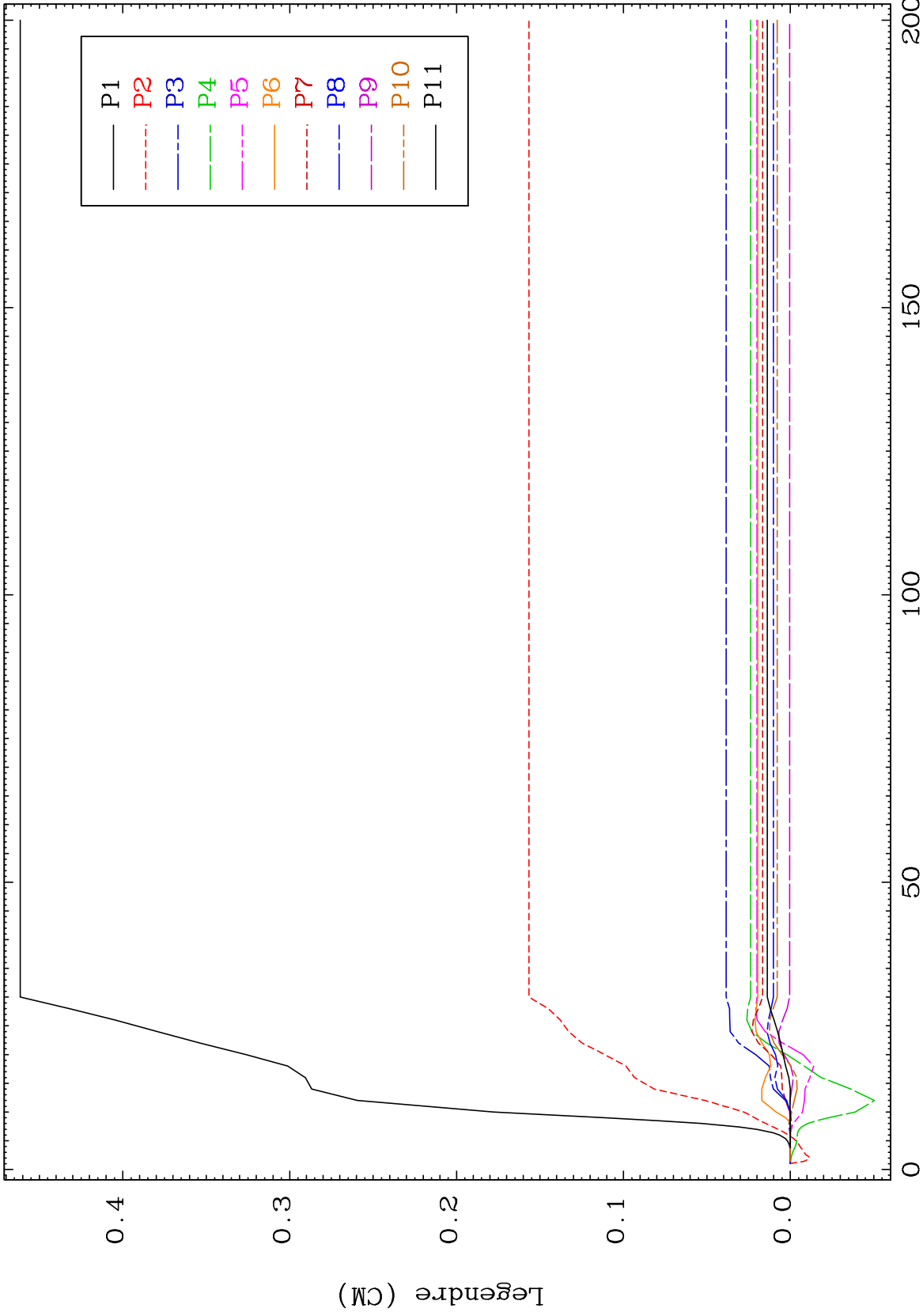
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



27

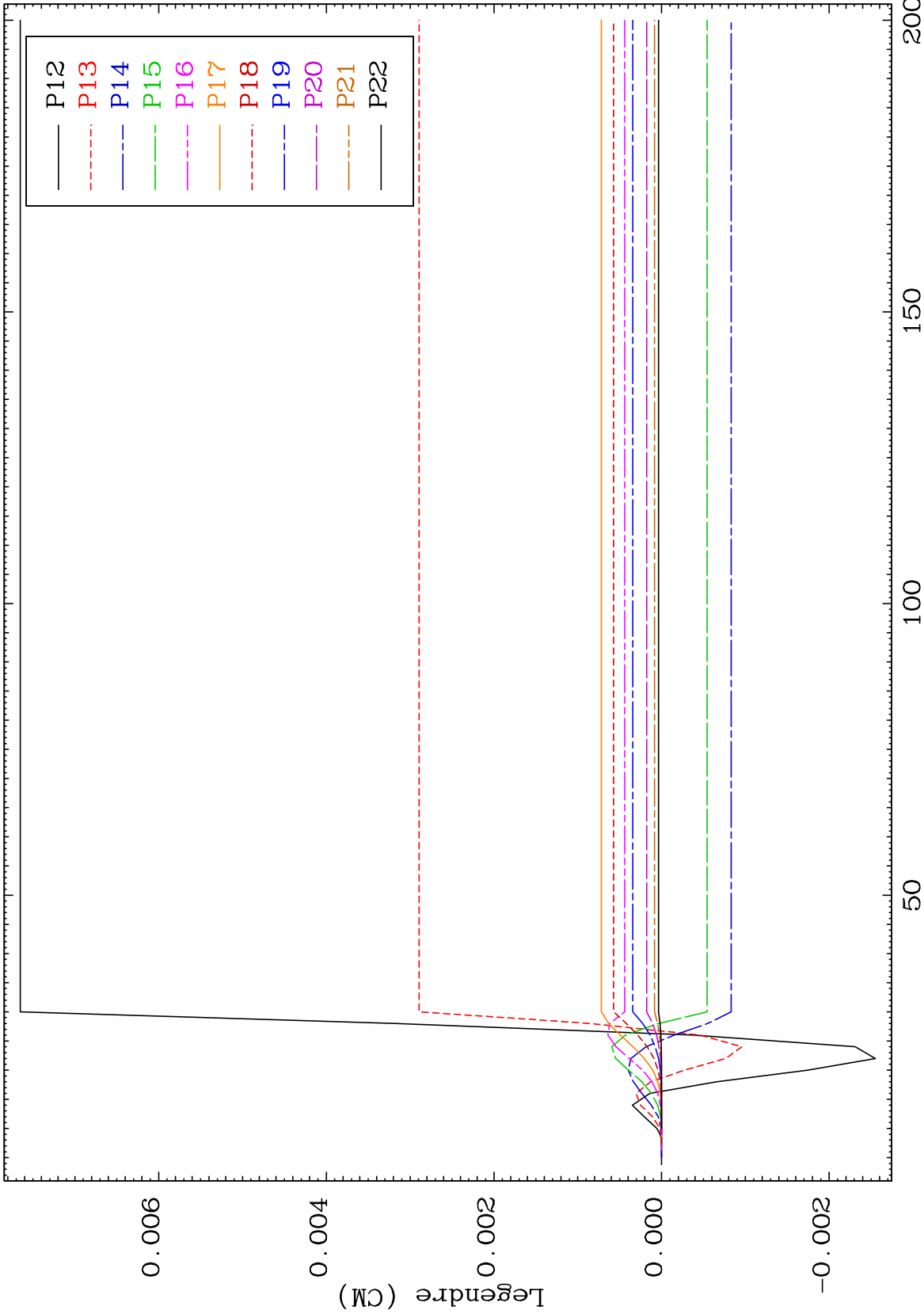
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



28

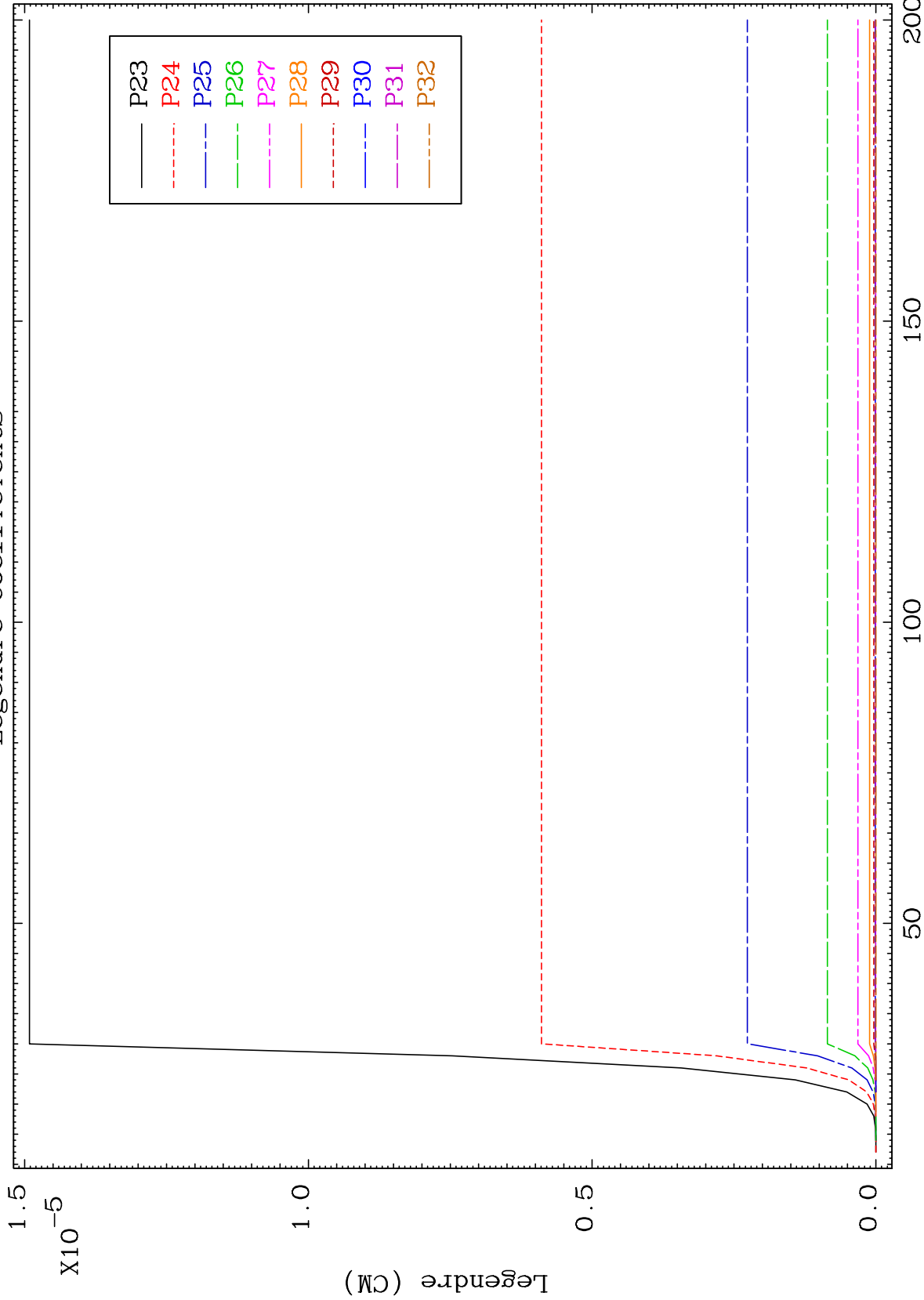
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73

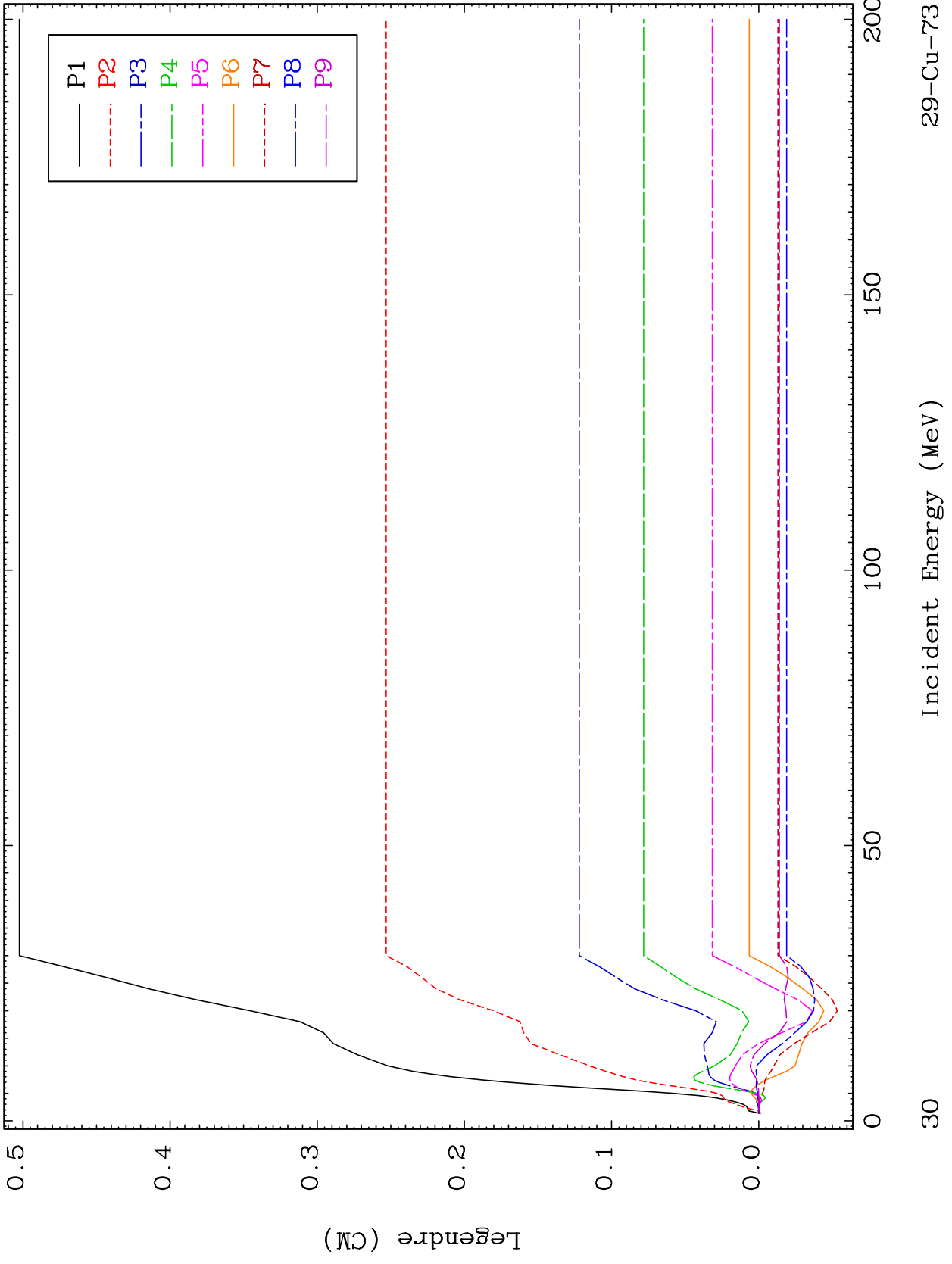


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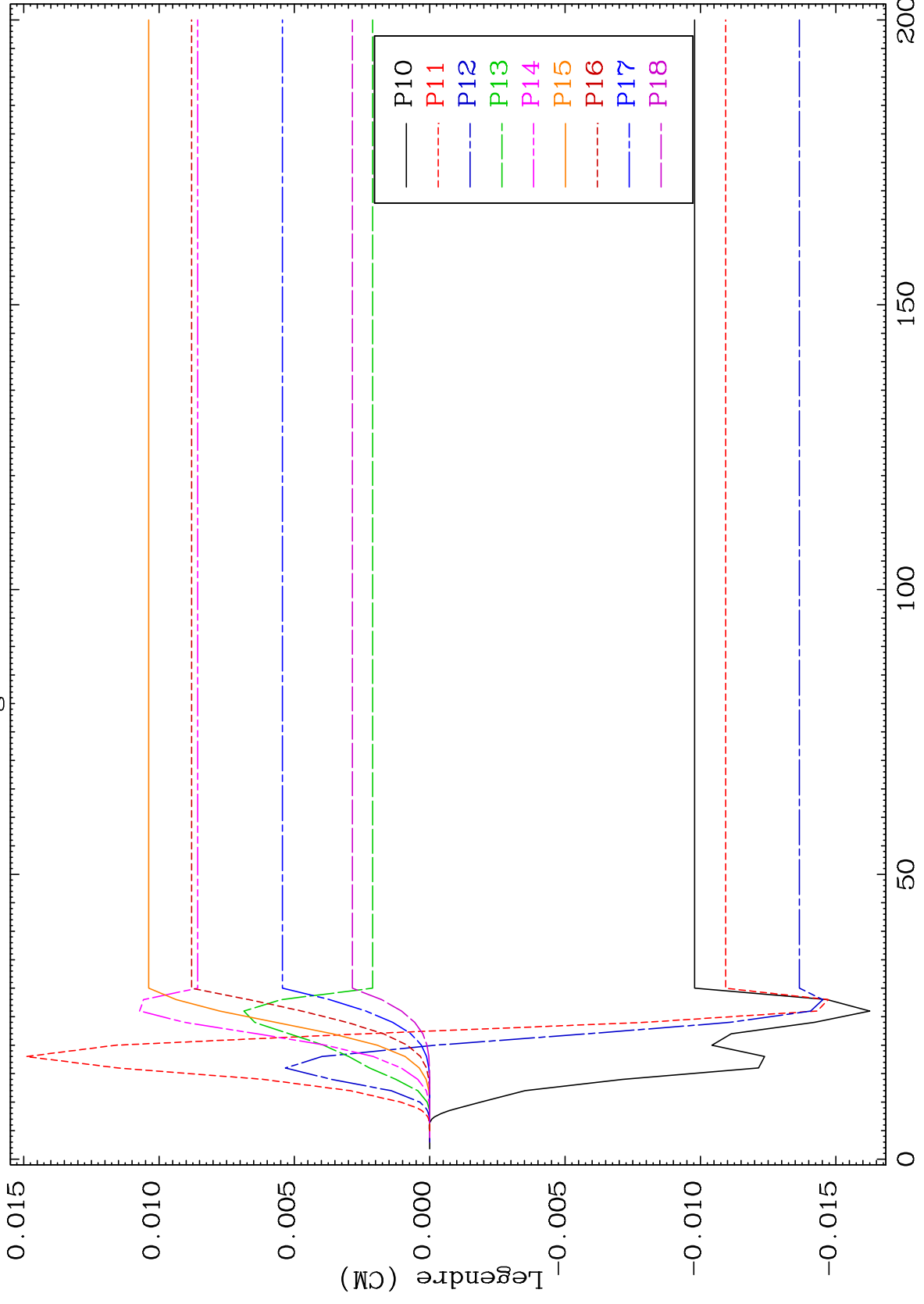
Incident Energy (MeV)

29-Cu-73

MAT 2955 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-73



MAT 2955 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-73

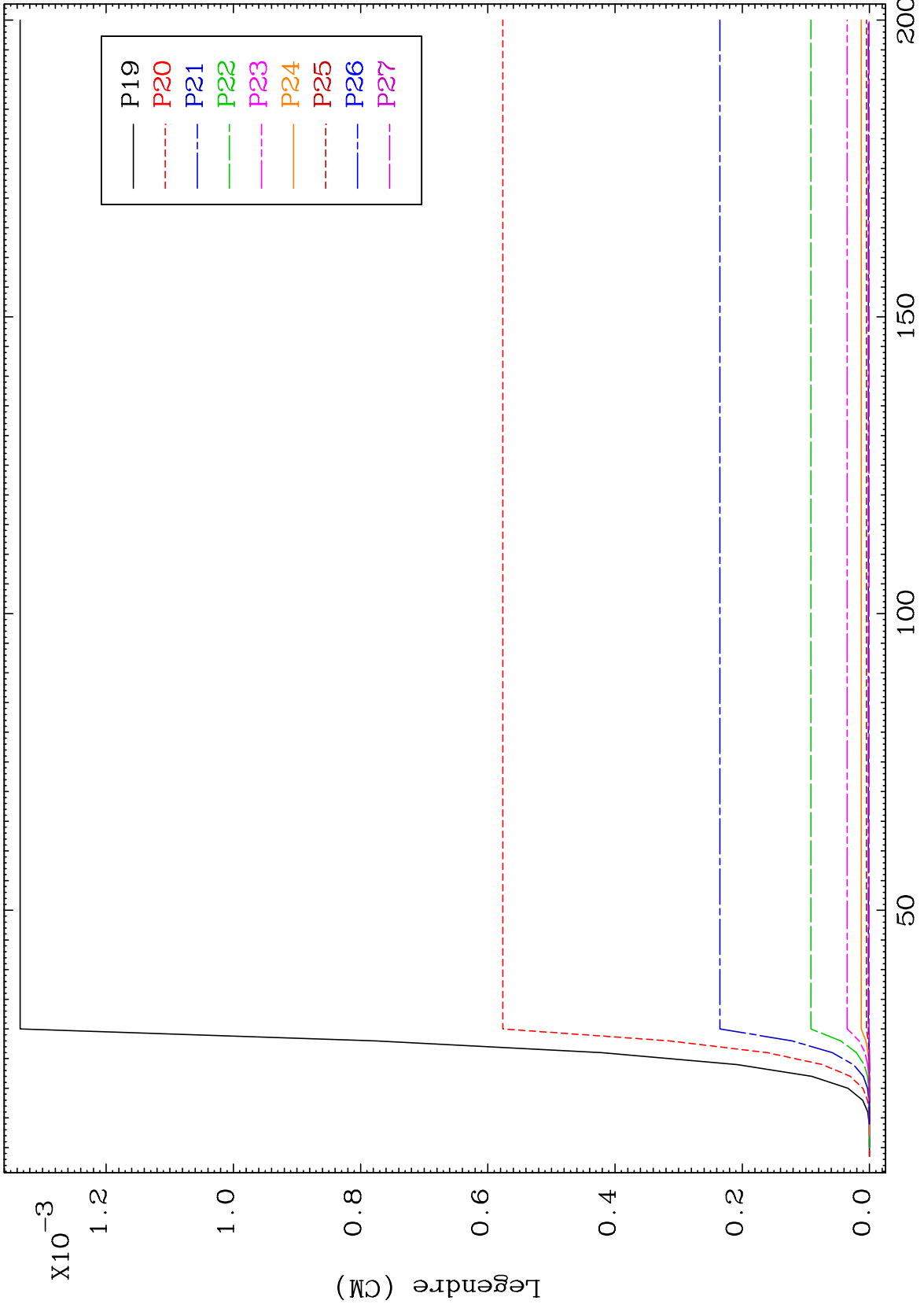


31 29-Cu-73

MAT 2955

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

29-Cu-73

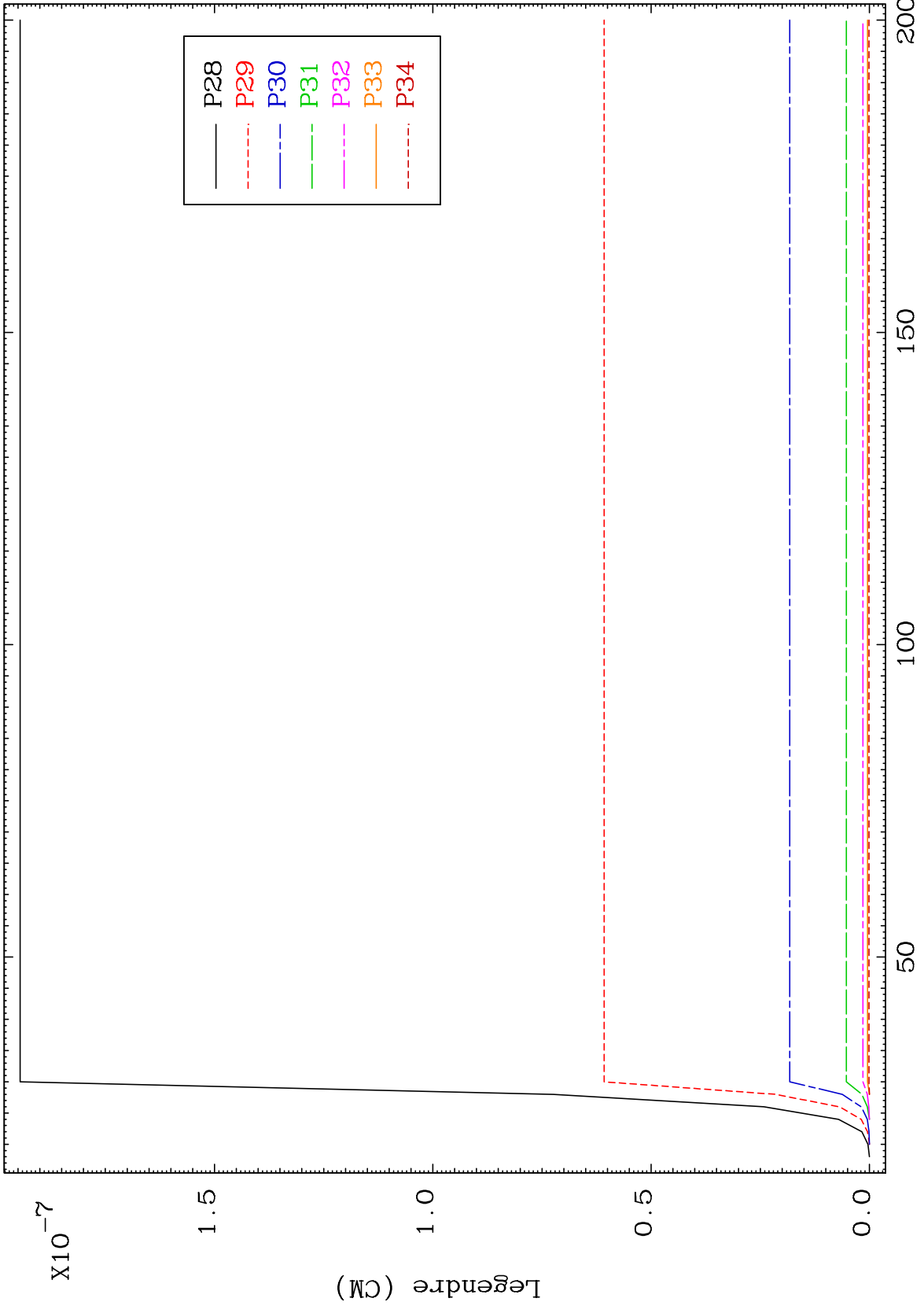


32

Incident Energy (MeV)

29-Cu-73

MAT 2955 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-73

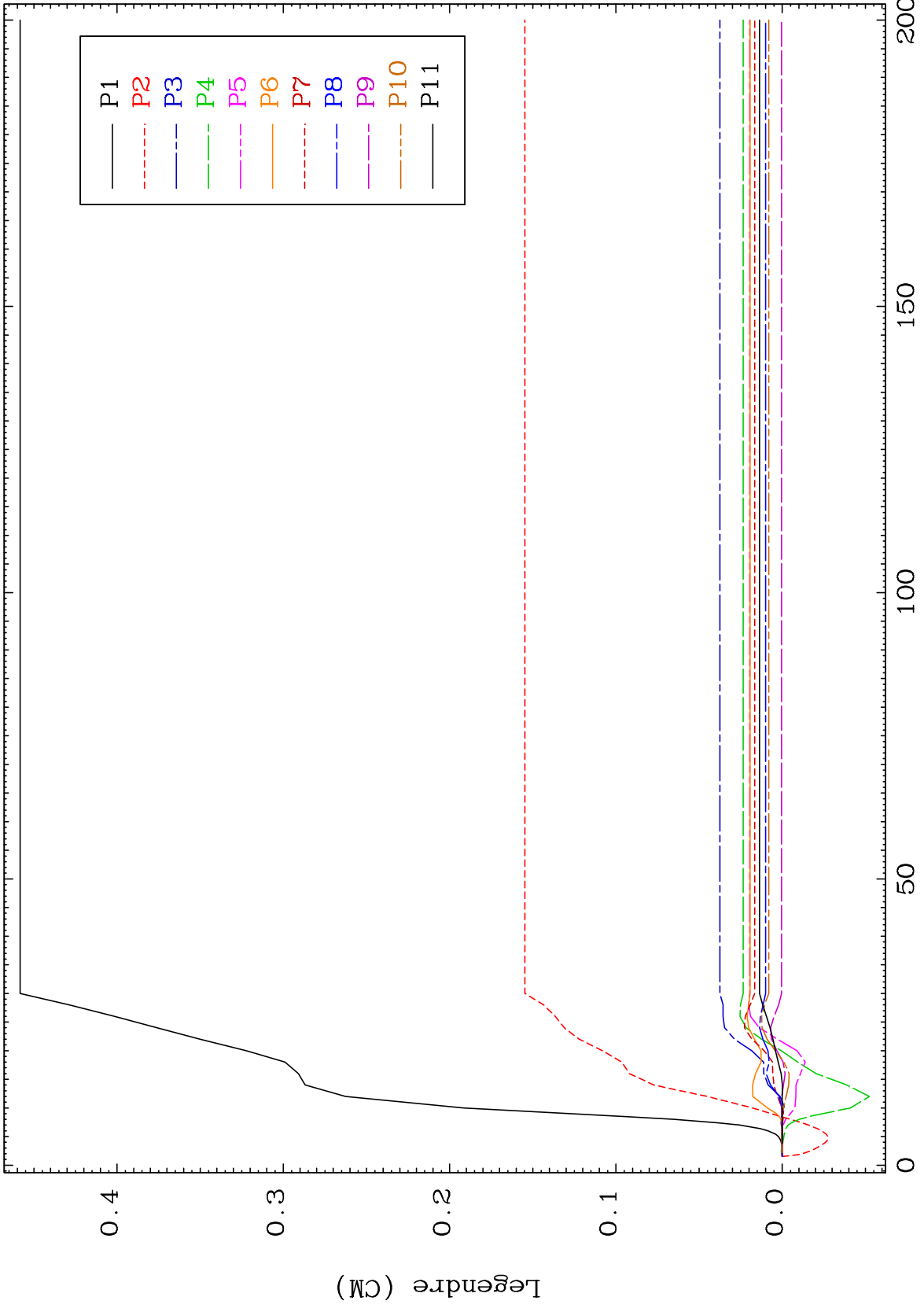


33 29-Cu-73

MAT 2955

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

29-Cu-73



34

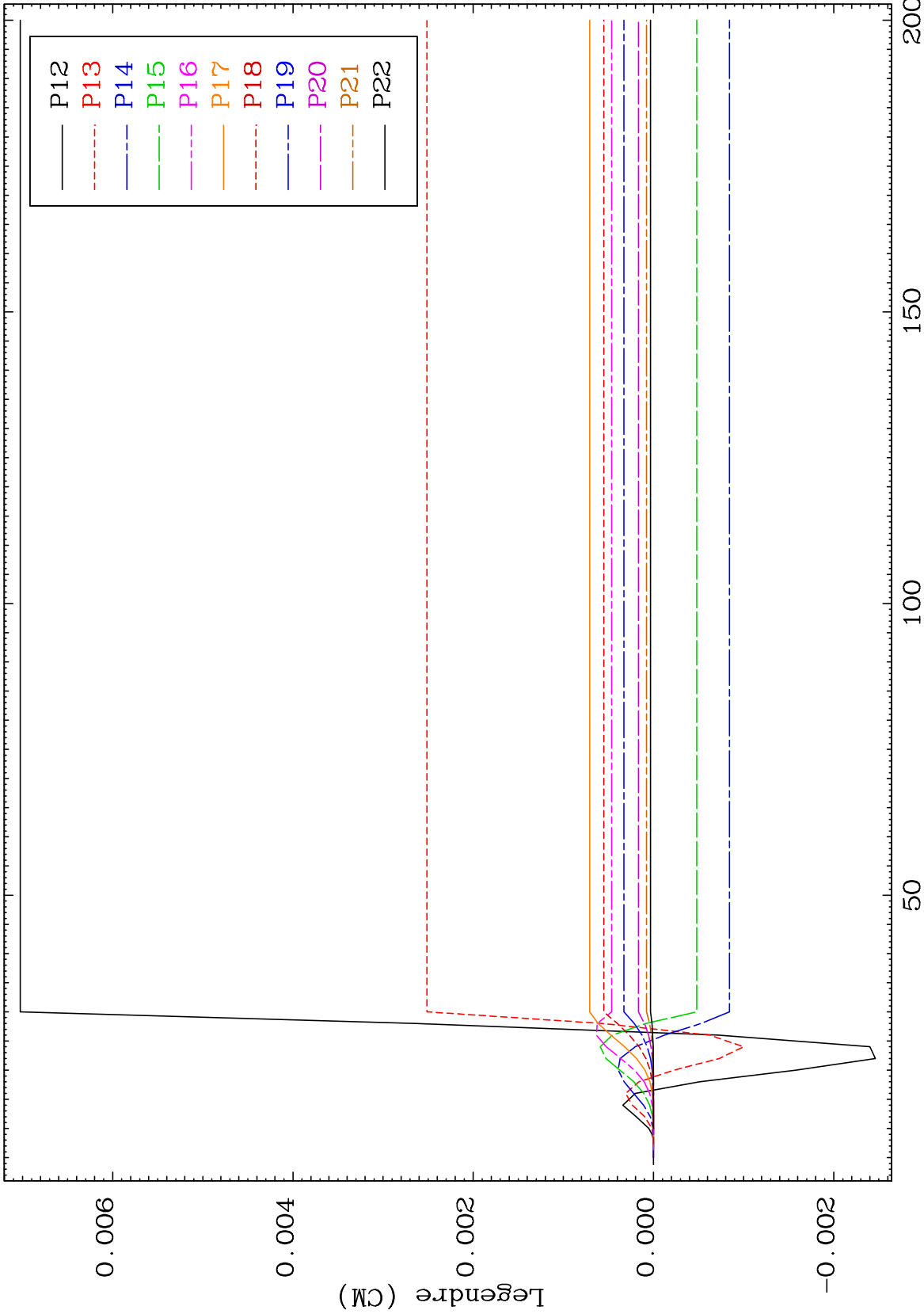
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



35

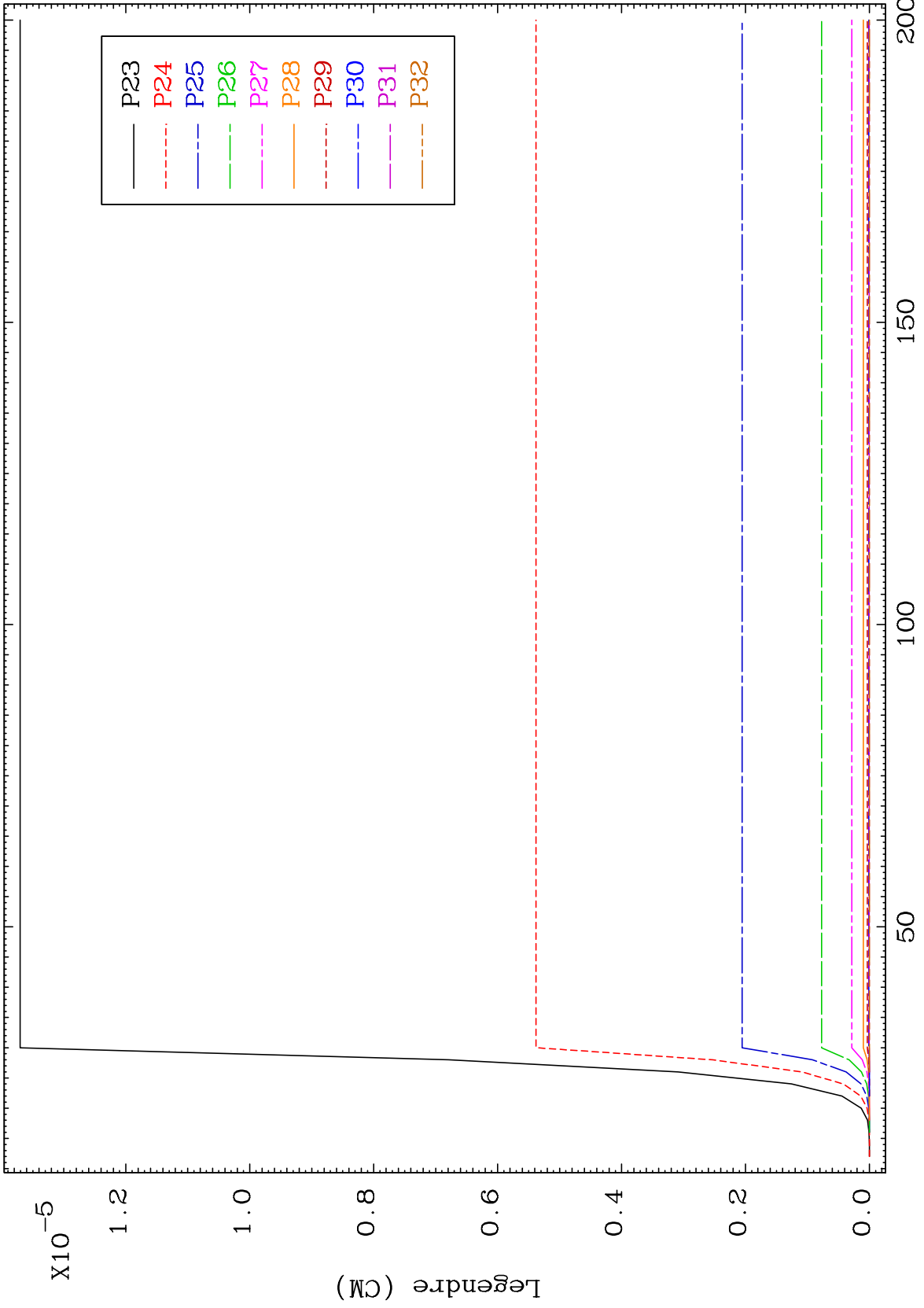
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



36

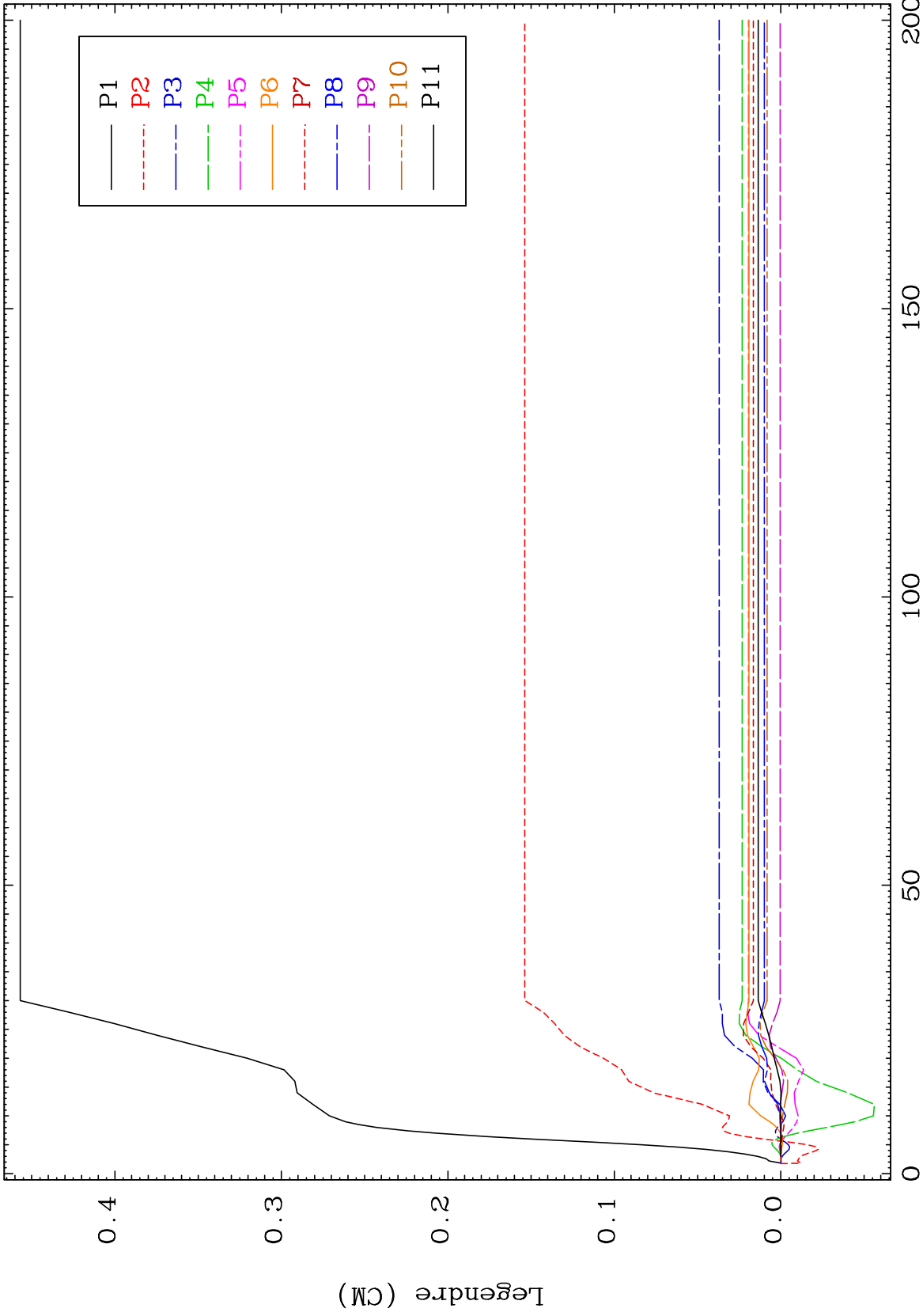
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



37

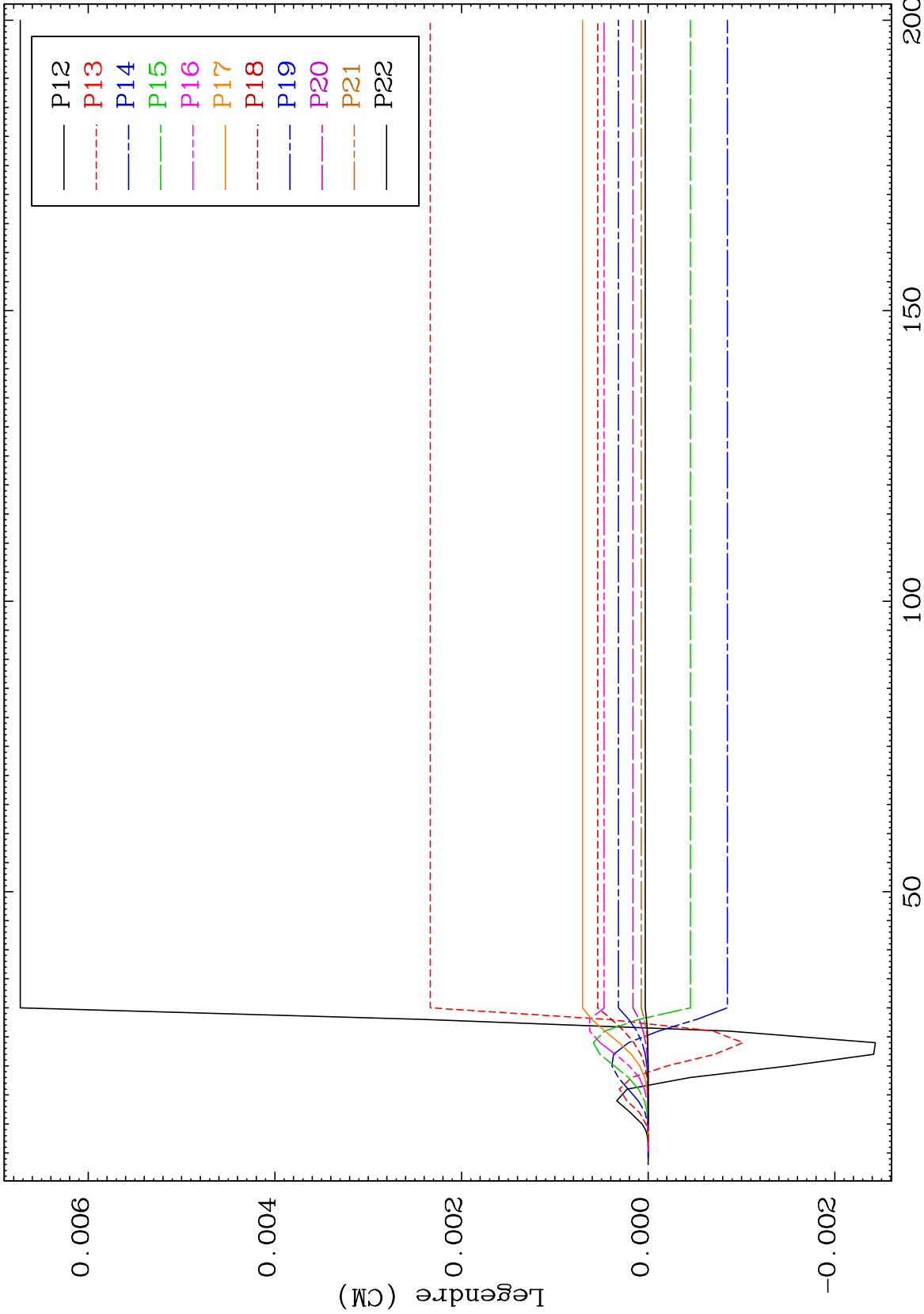
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



38

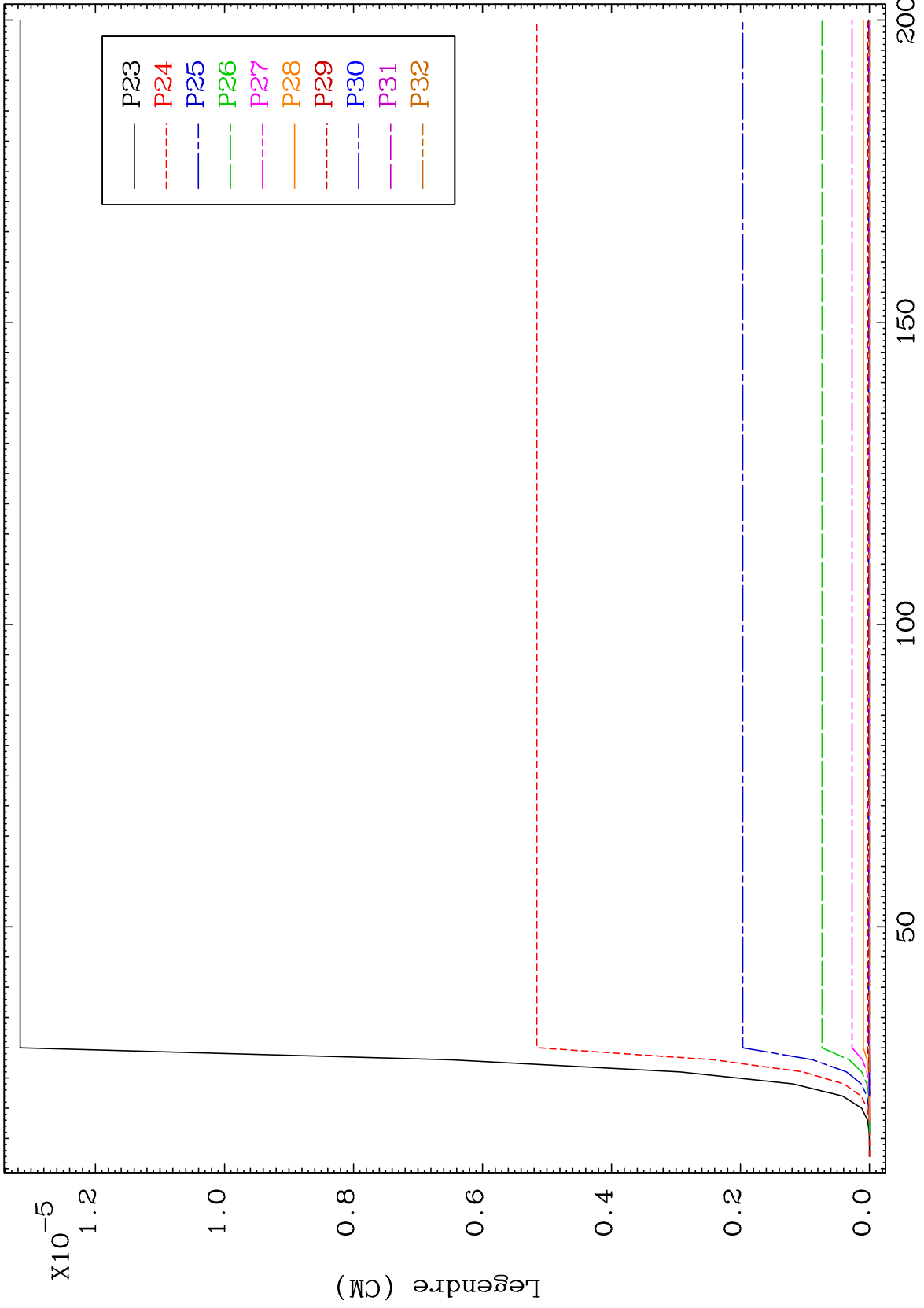
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



39

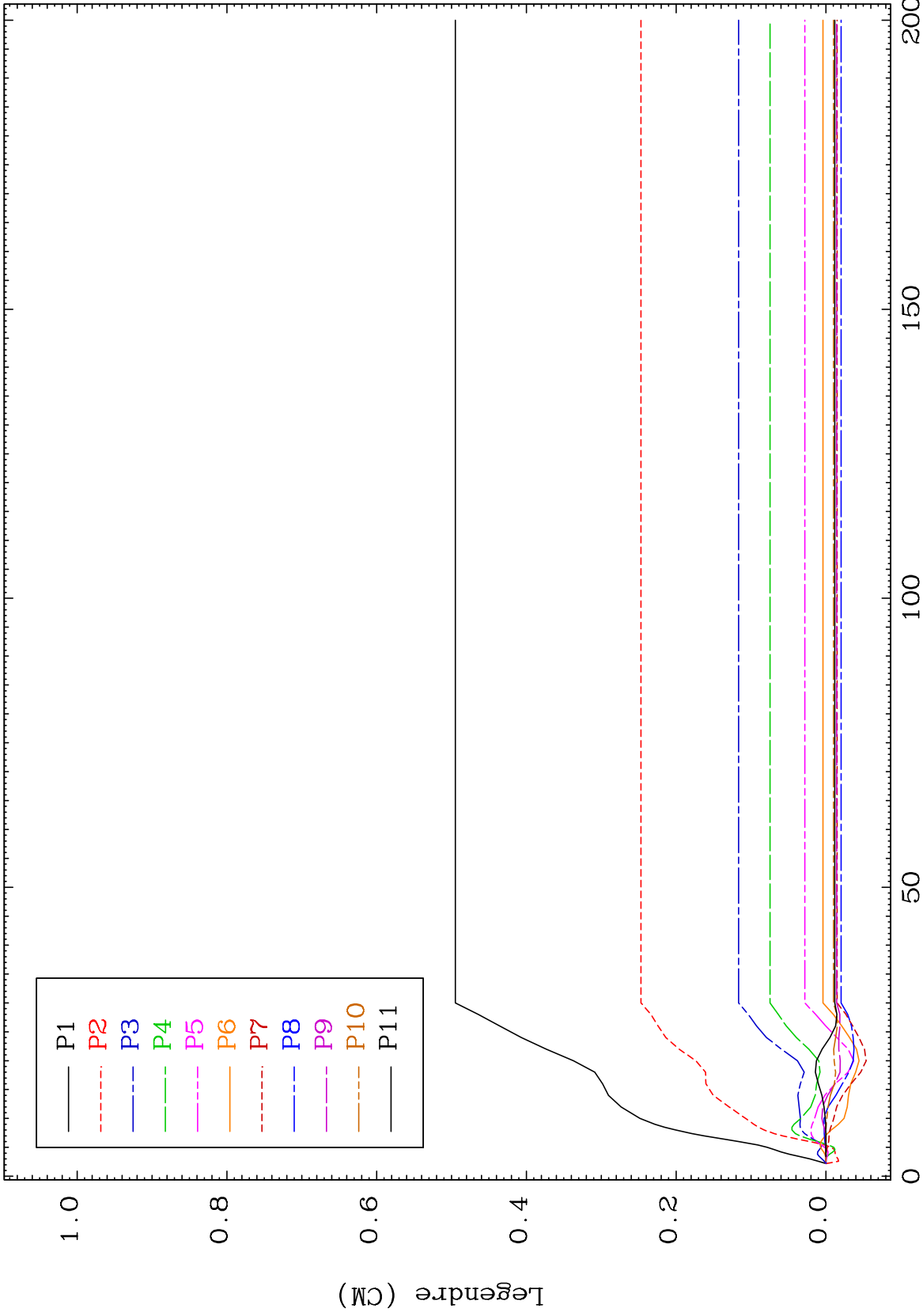
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73

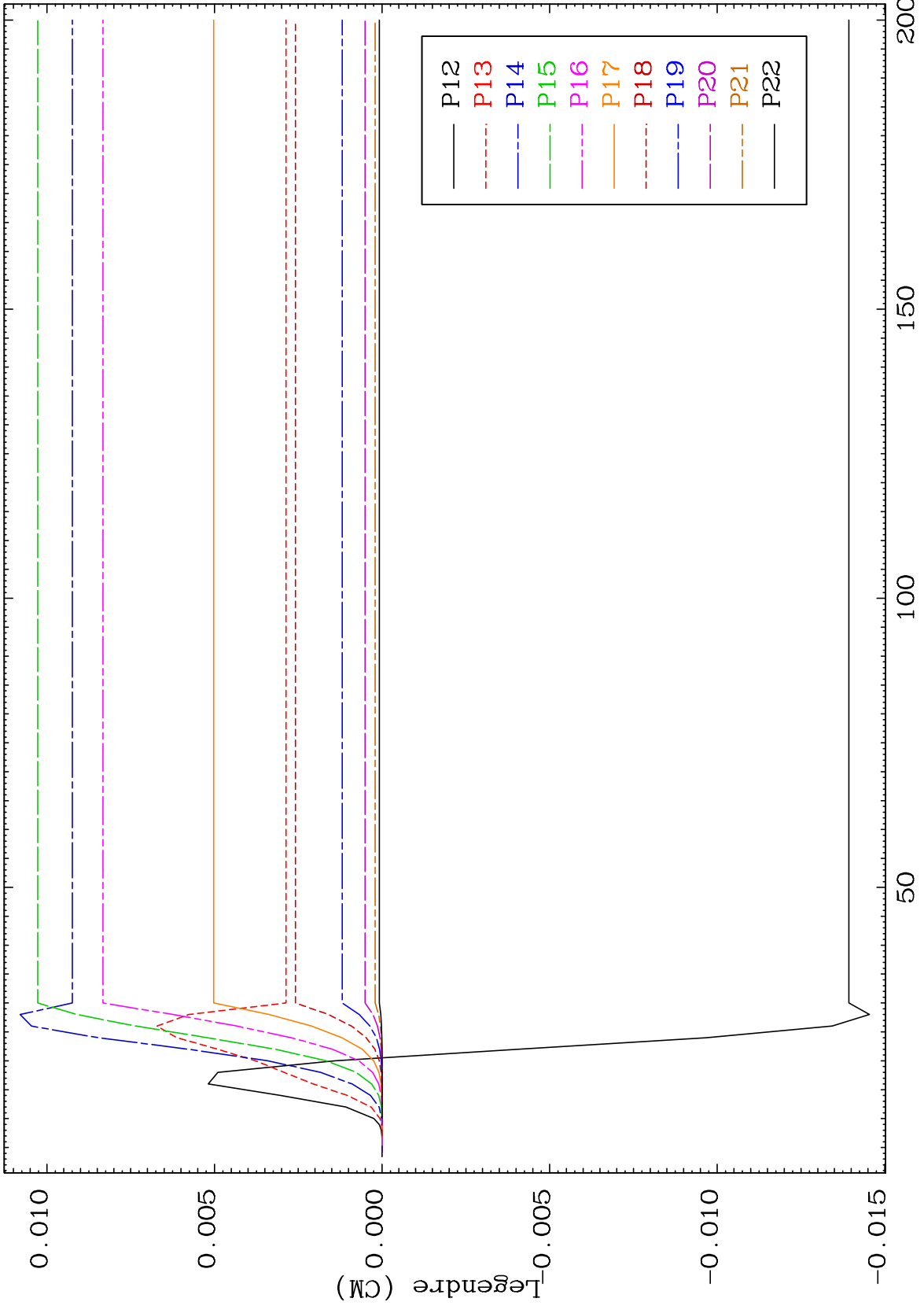


40

Incident Energy (MeV)

29-Cu-73

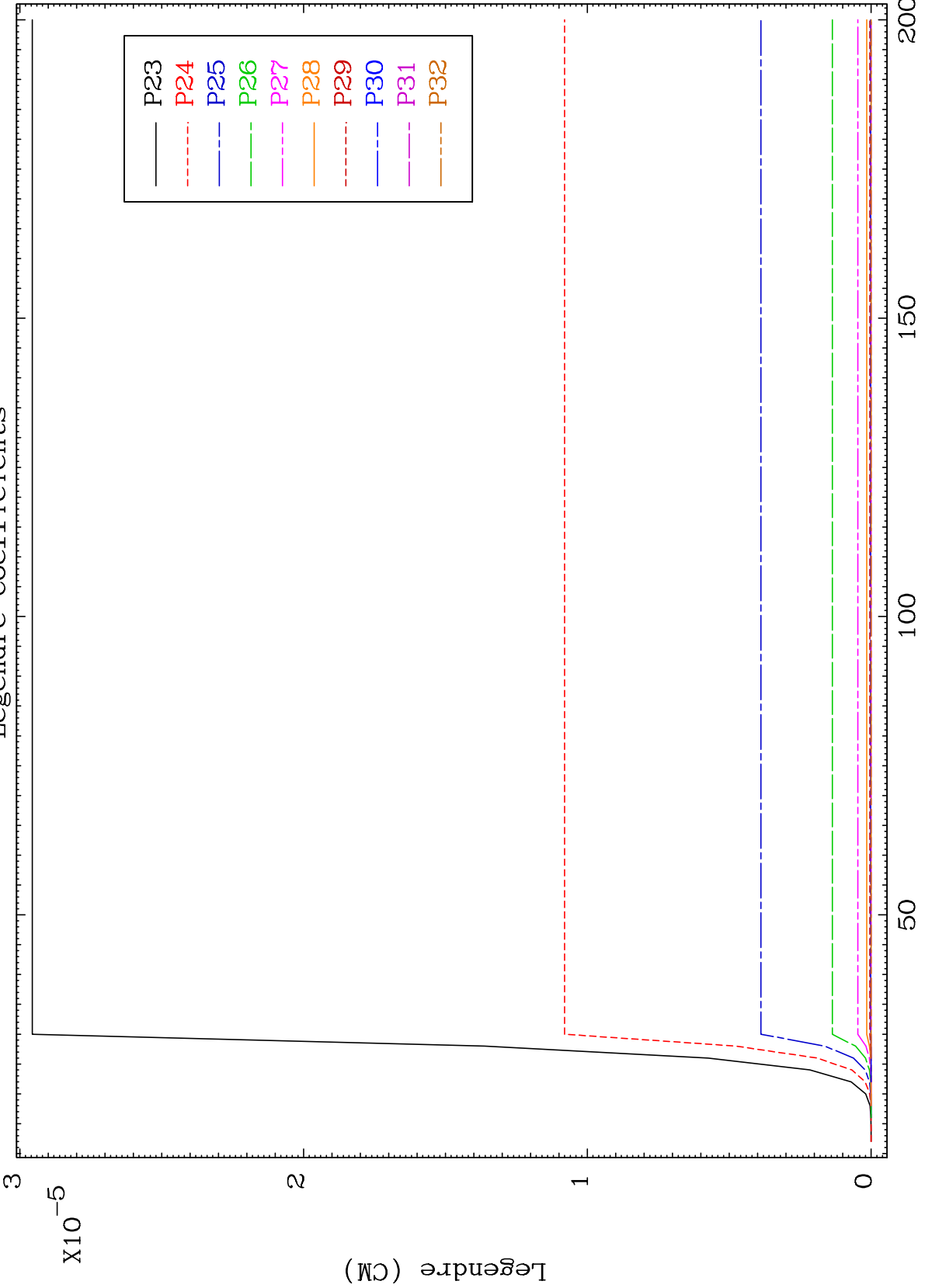
MAT 2955 MT= 57 (n,n') Level Legendre Coefficients 29-Cu-73



MAT 2955

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

29-Cu-73



42

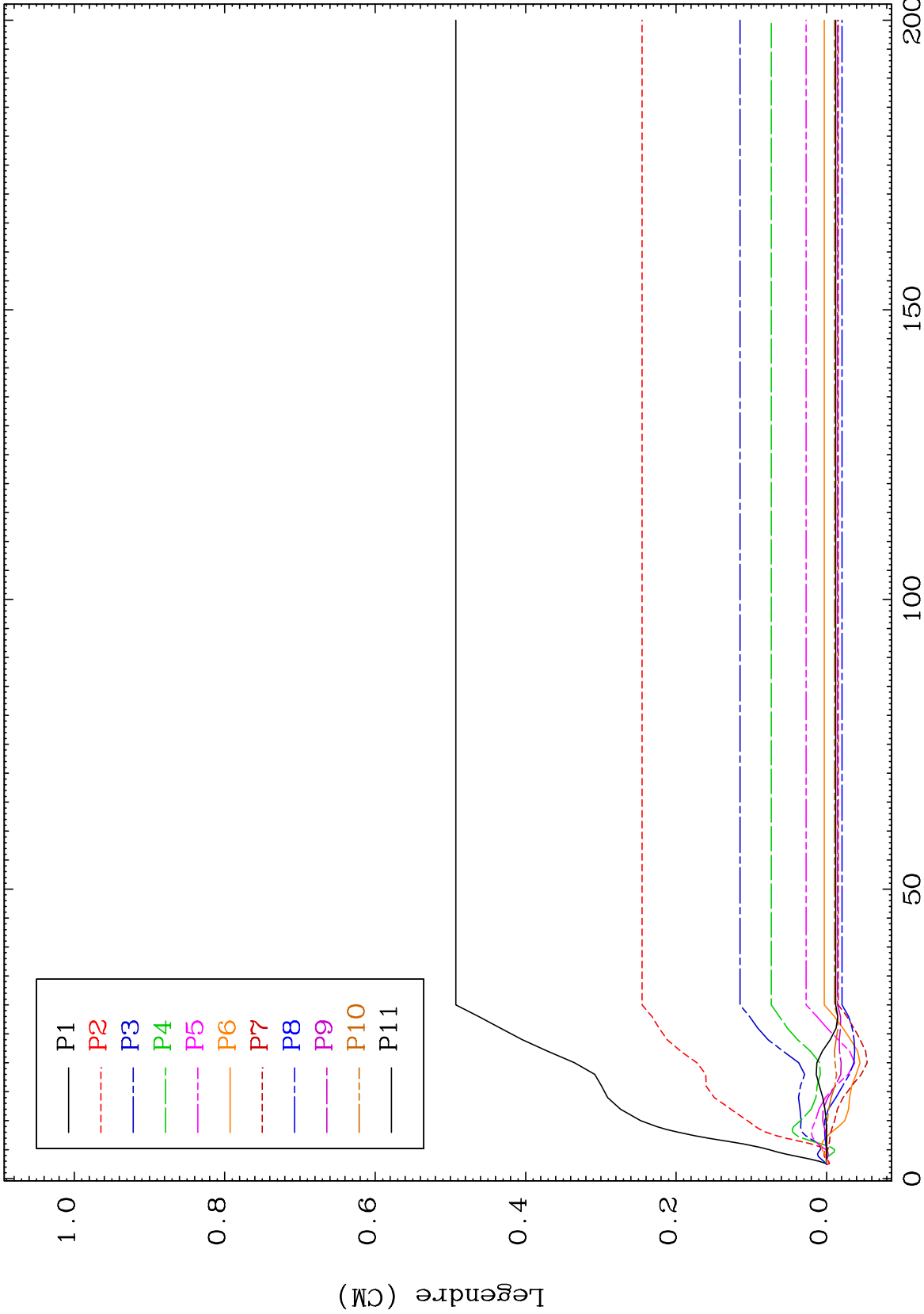
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



43

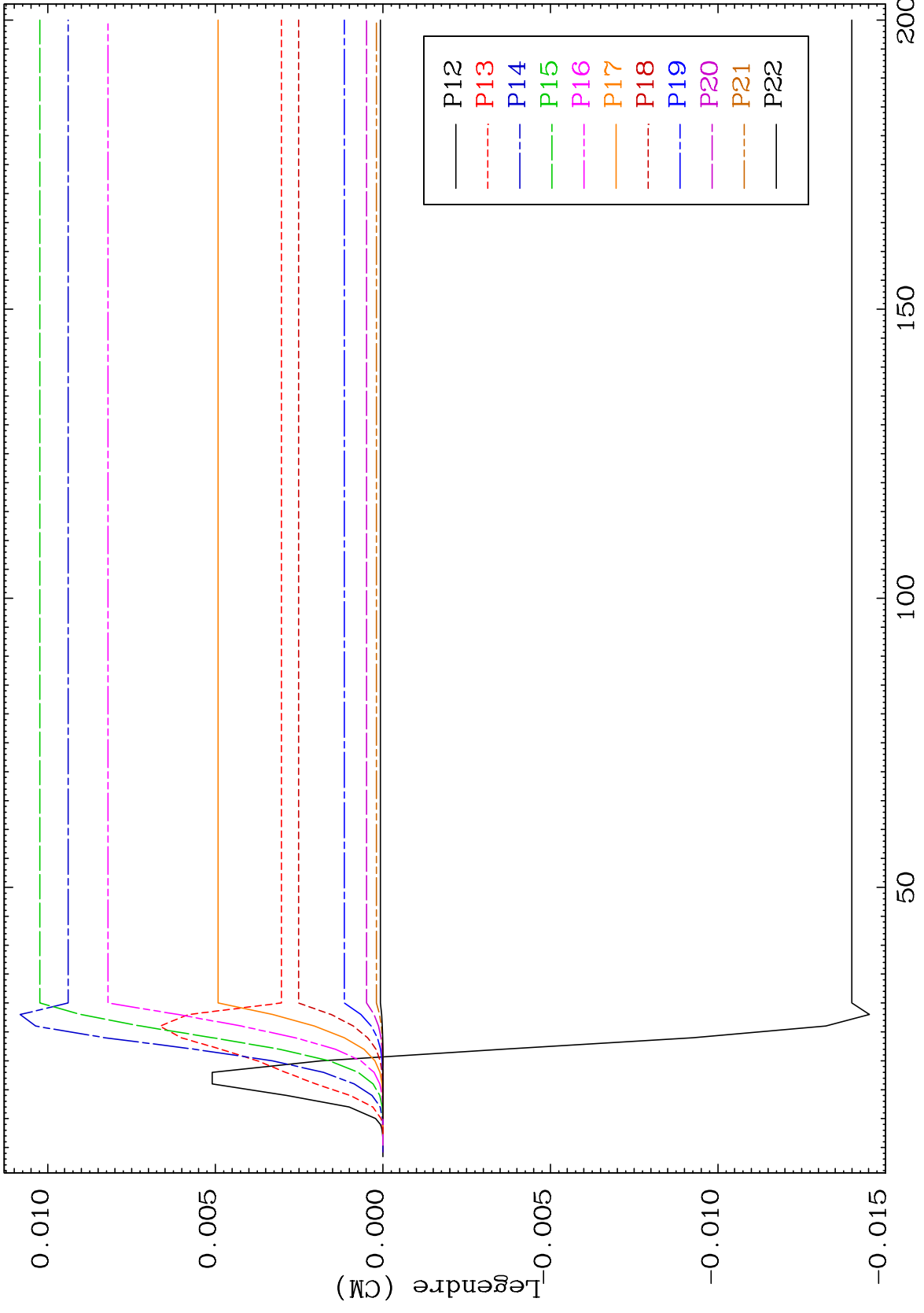
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



44

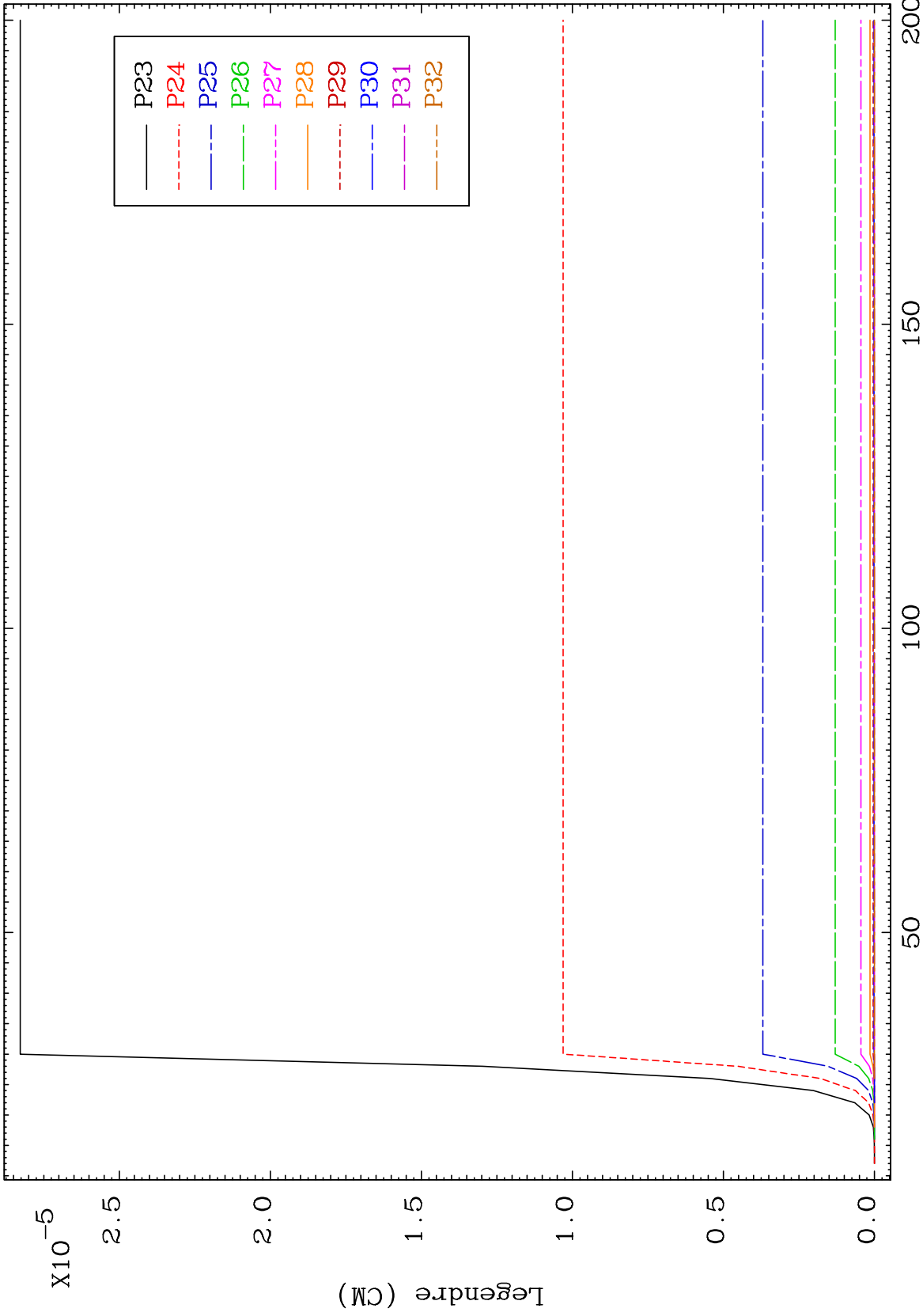
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



45

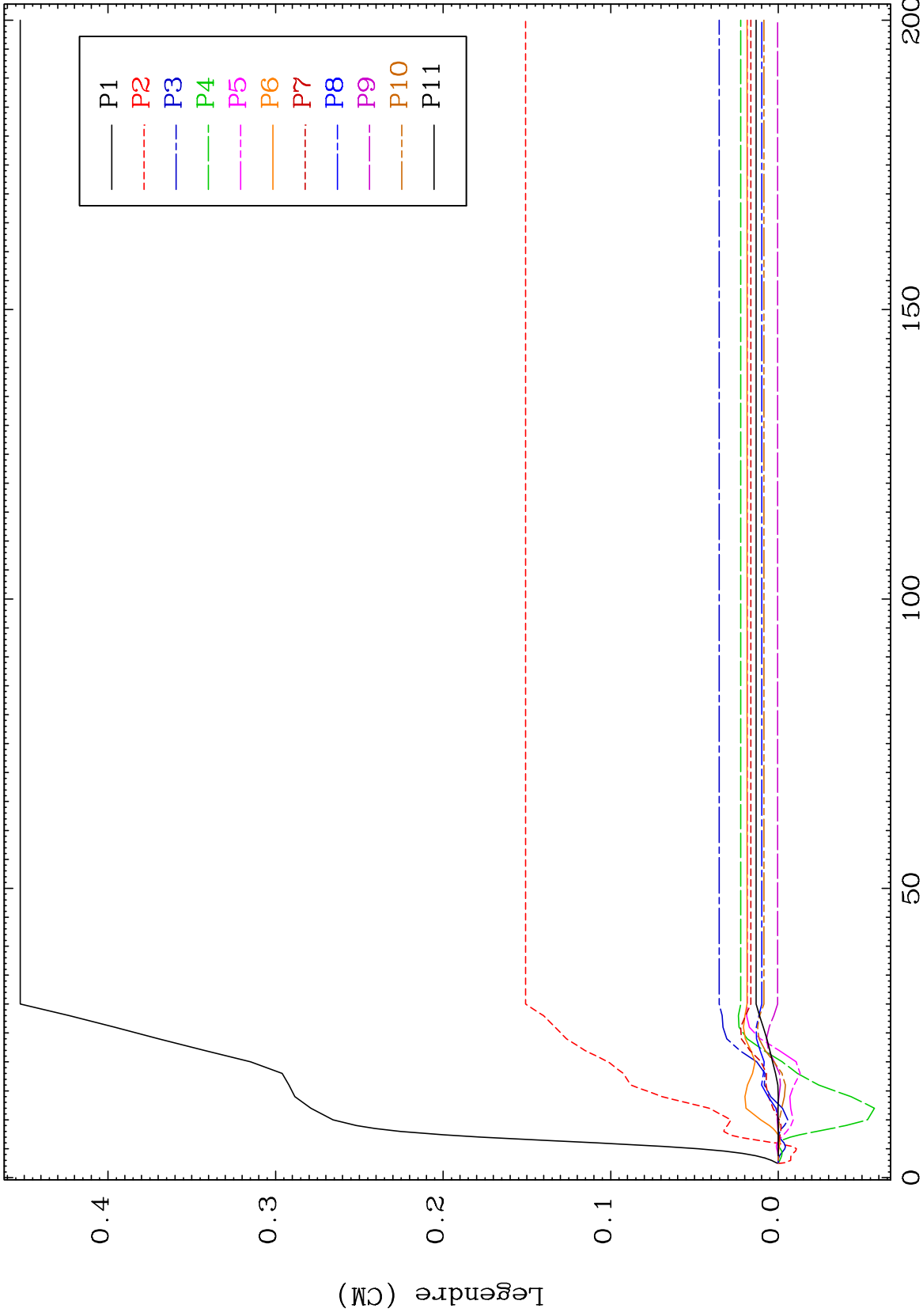
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



46

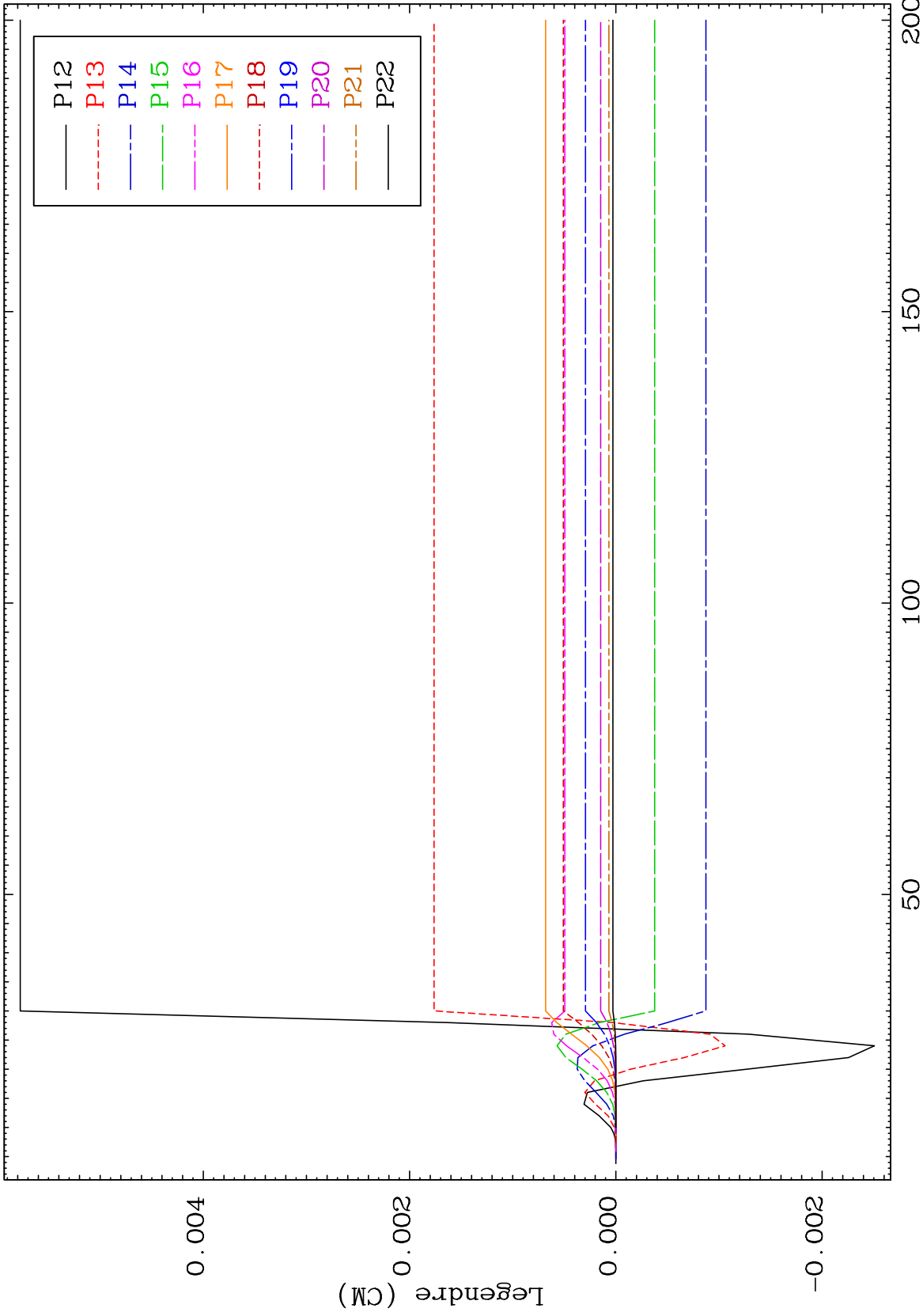
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



47

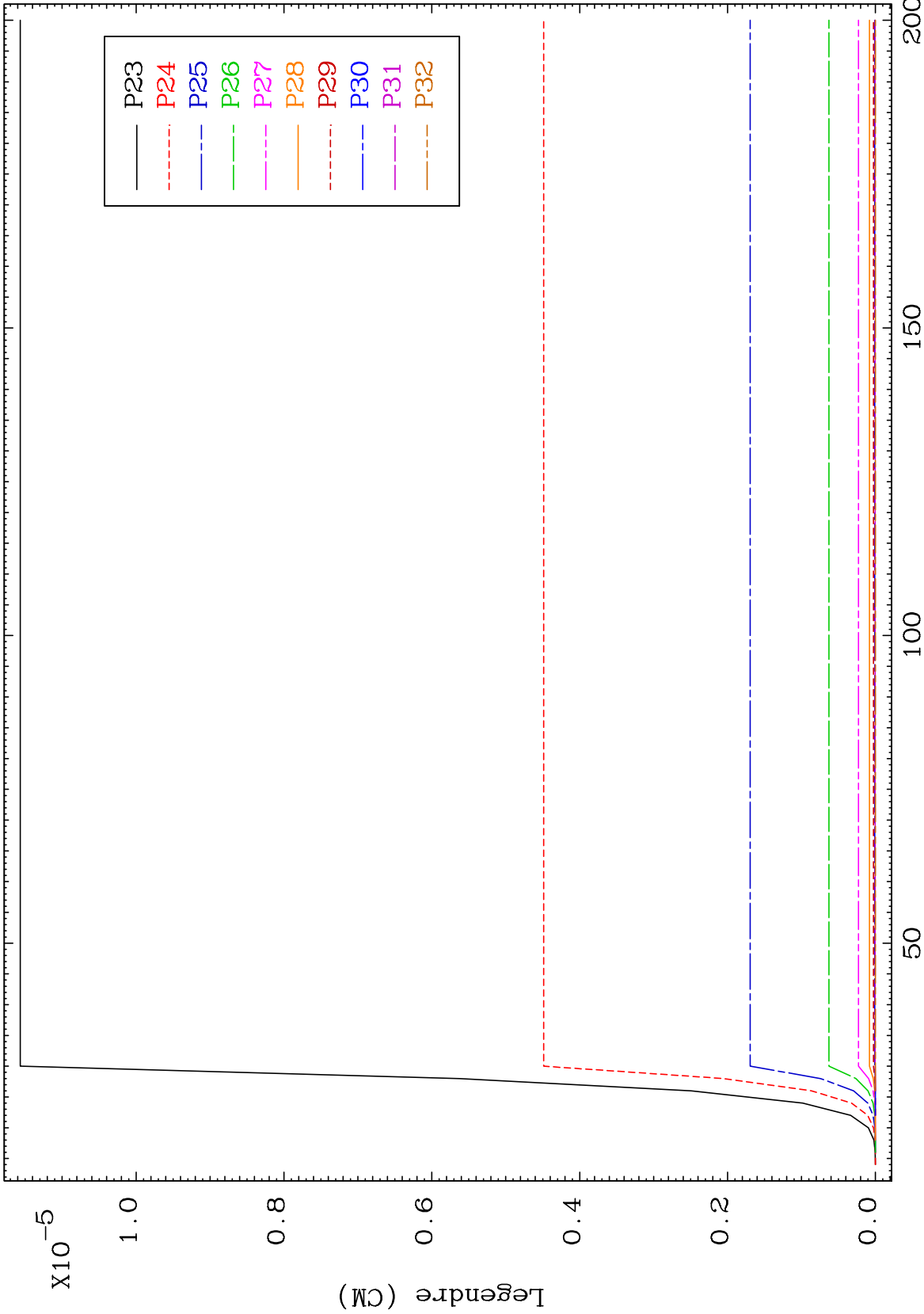
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



48

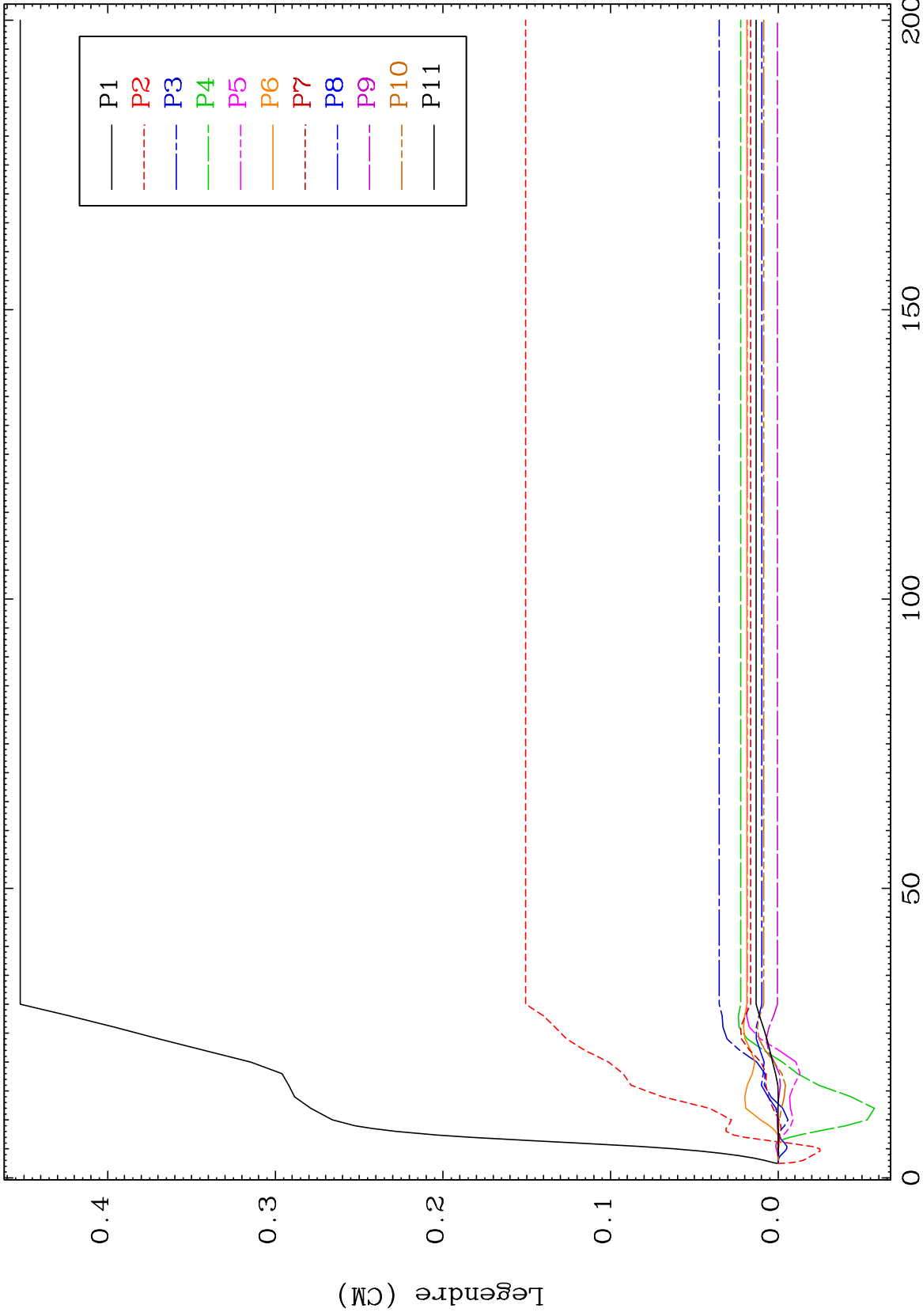
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



49

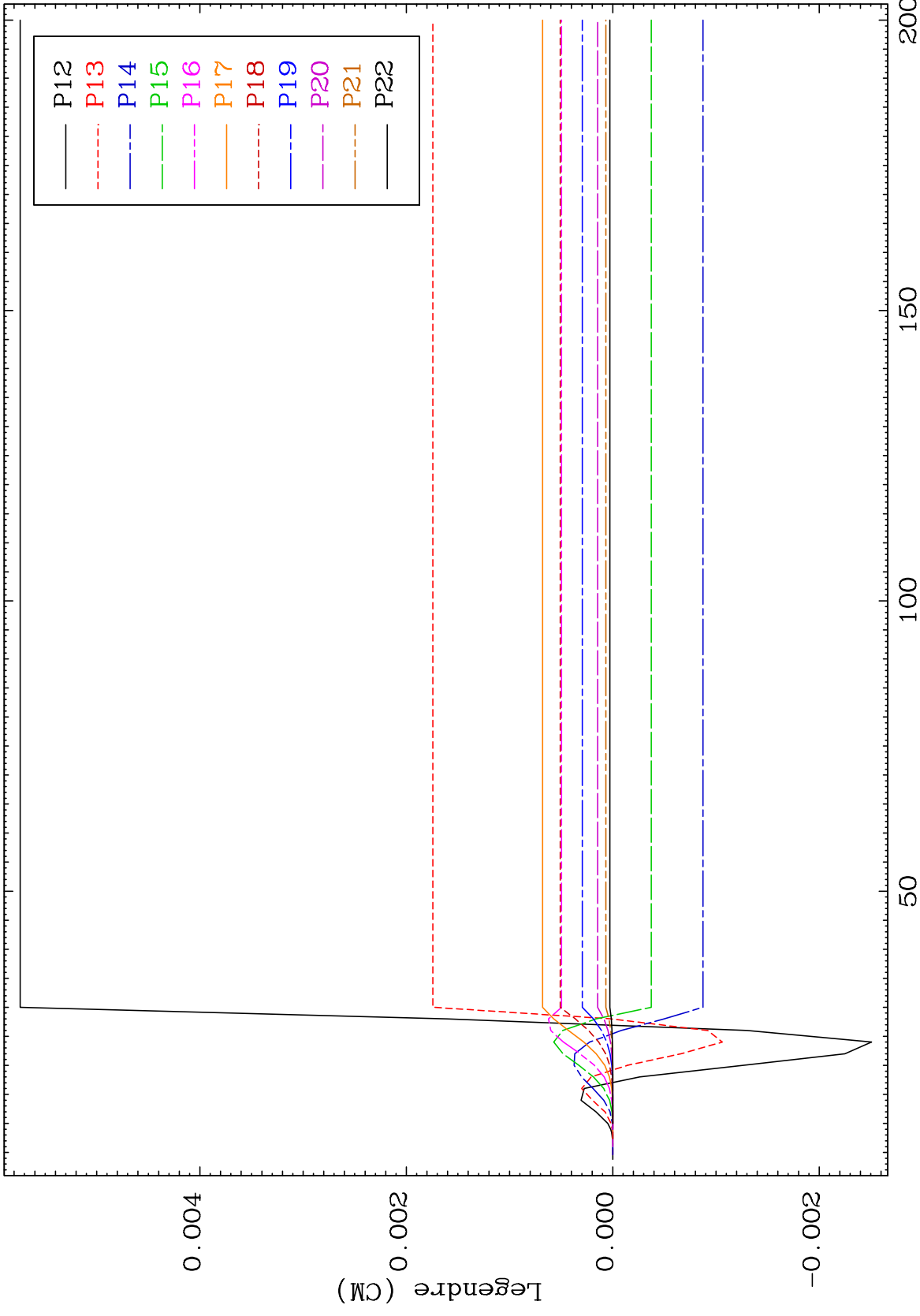
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



50

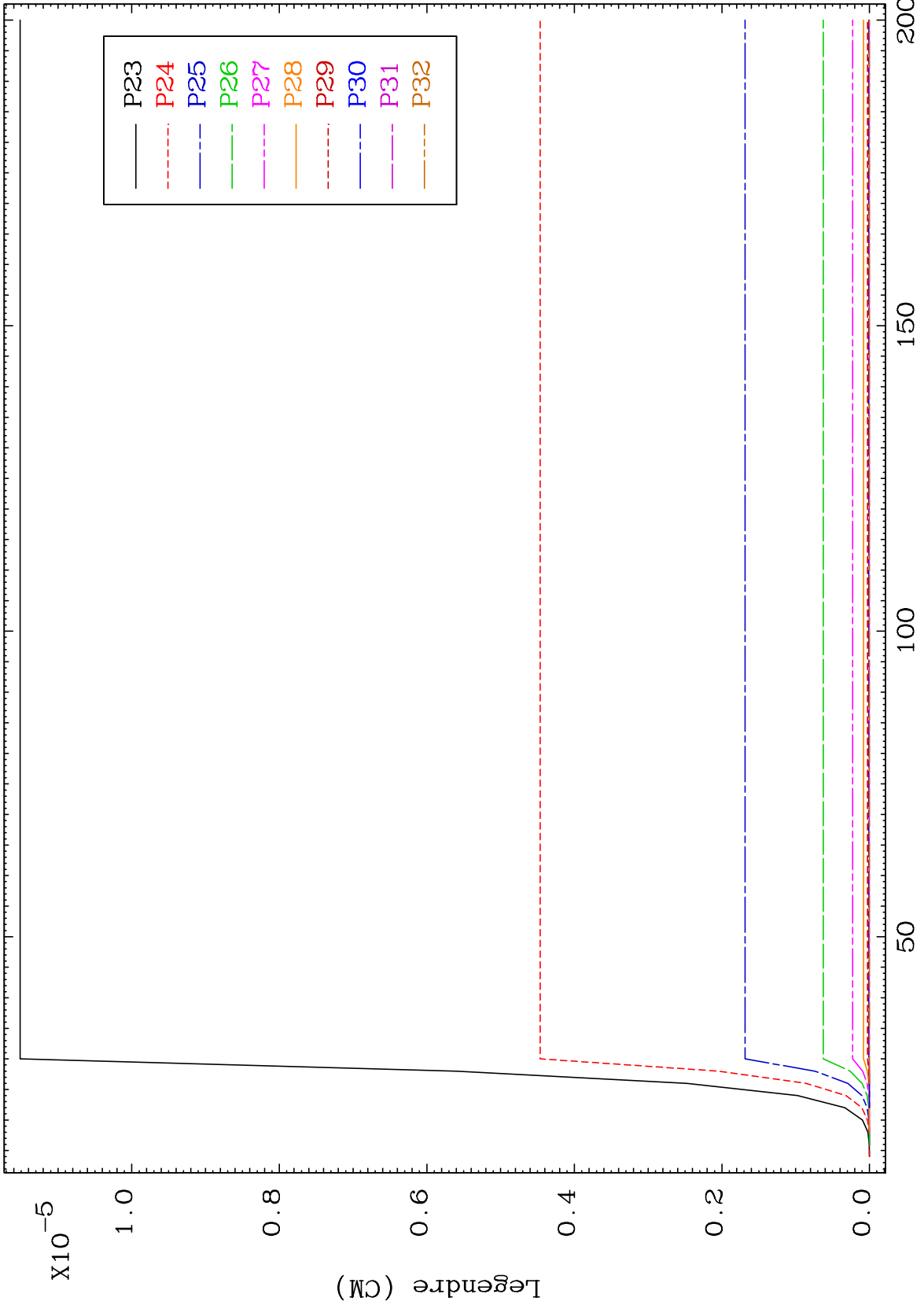
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



51

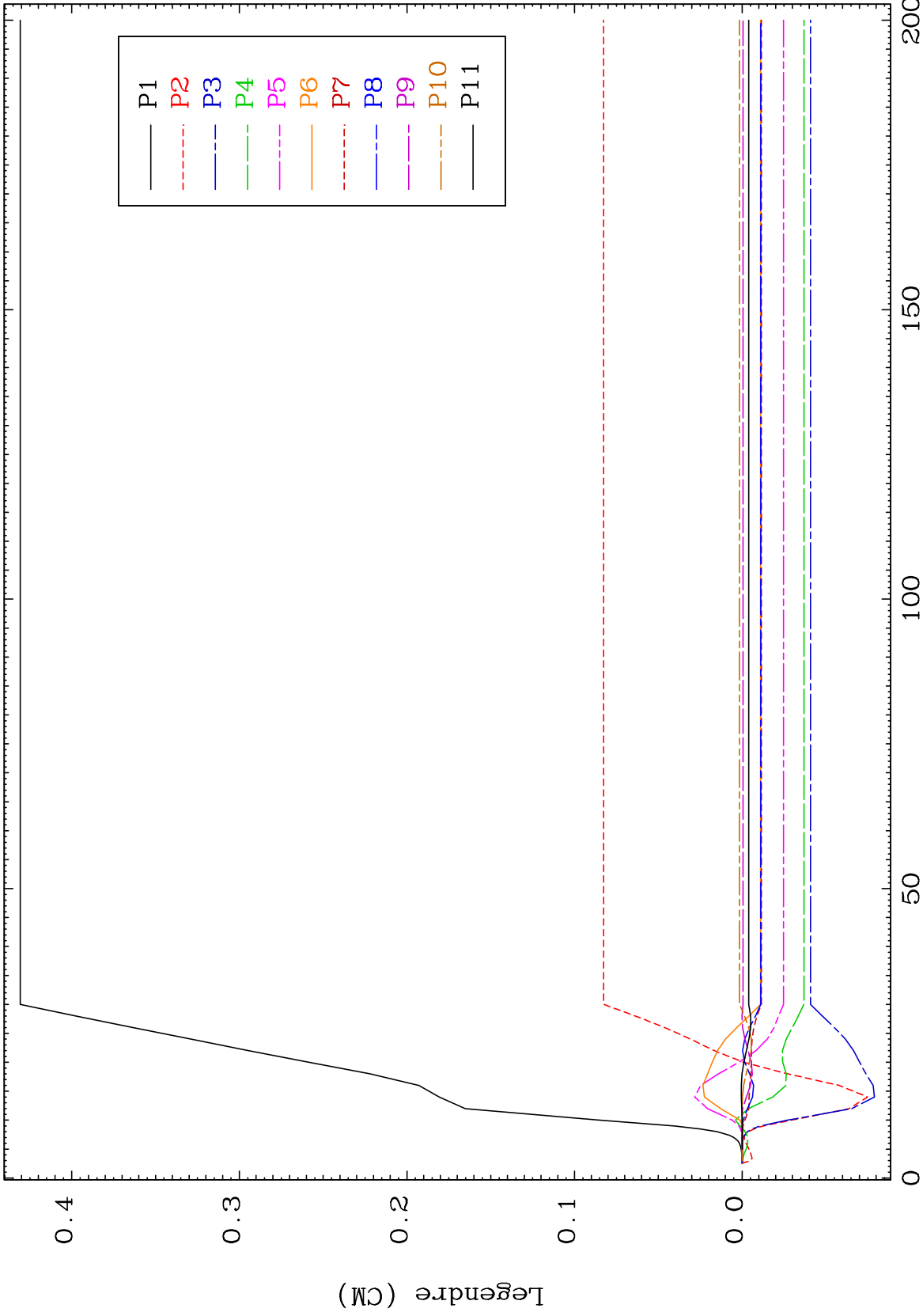
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

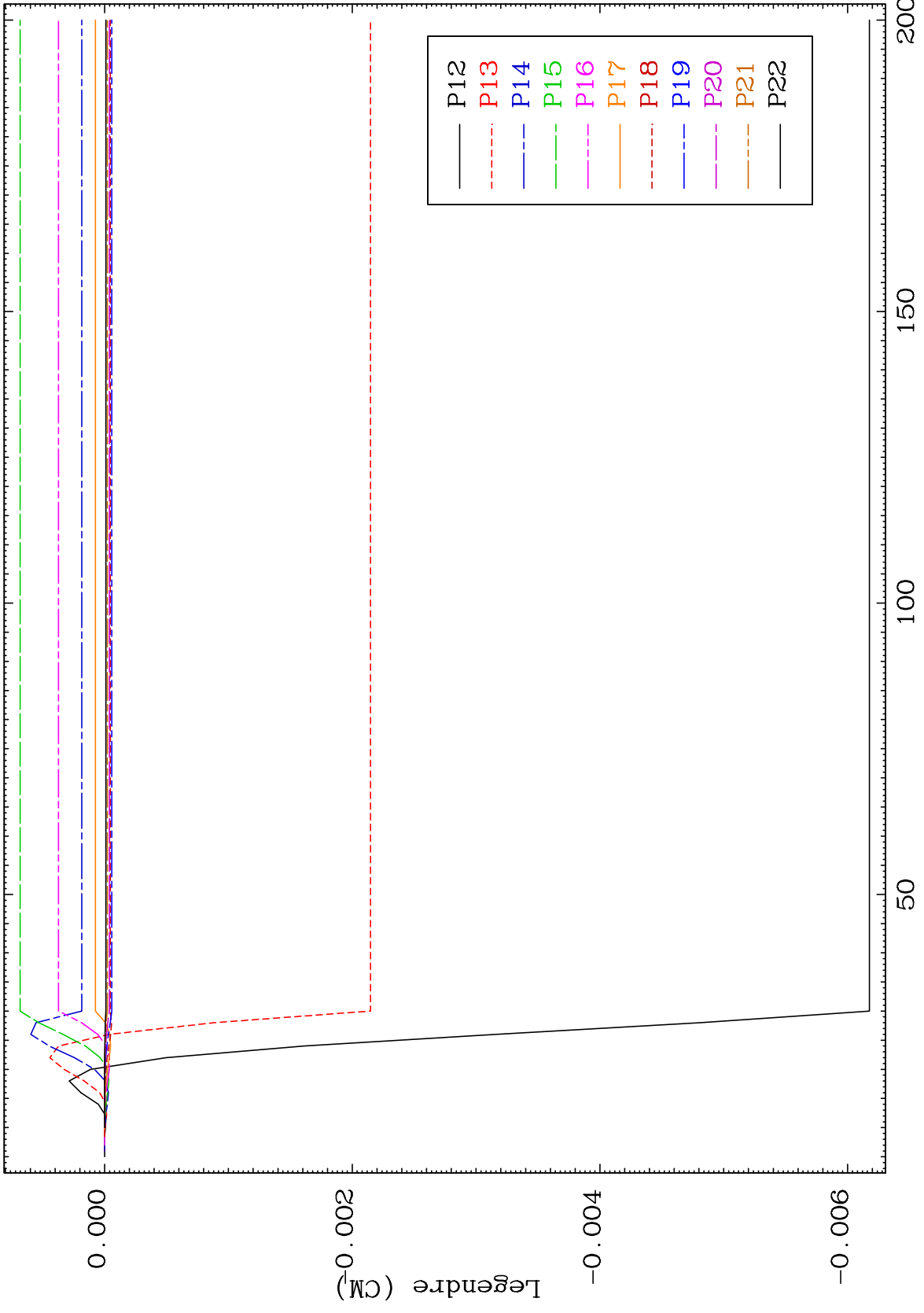
29-Cu-73



52

Incident Energy (MeV)

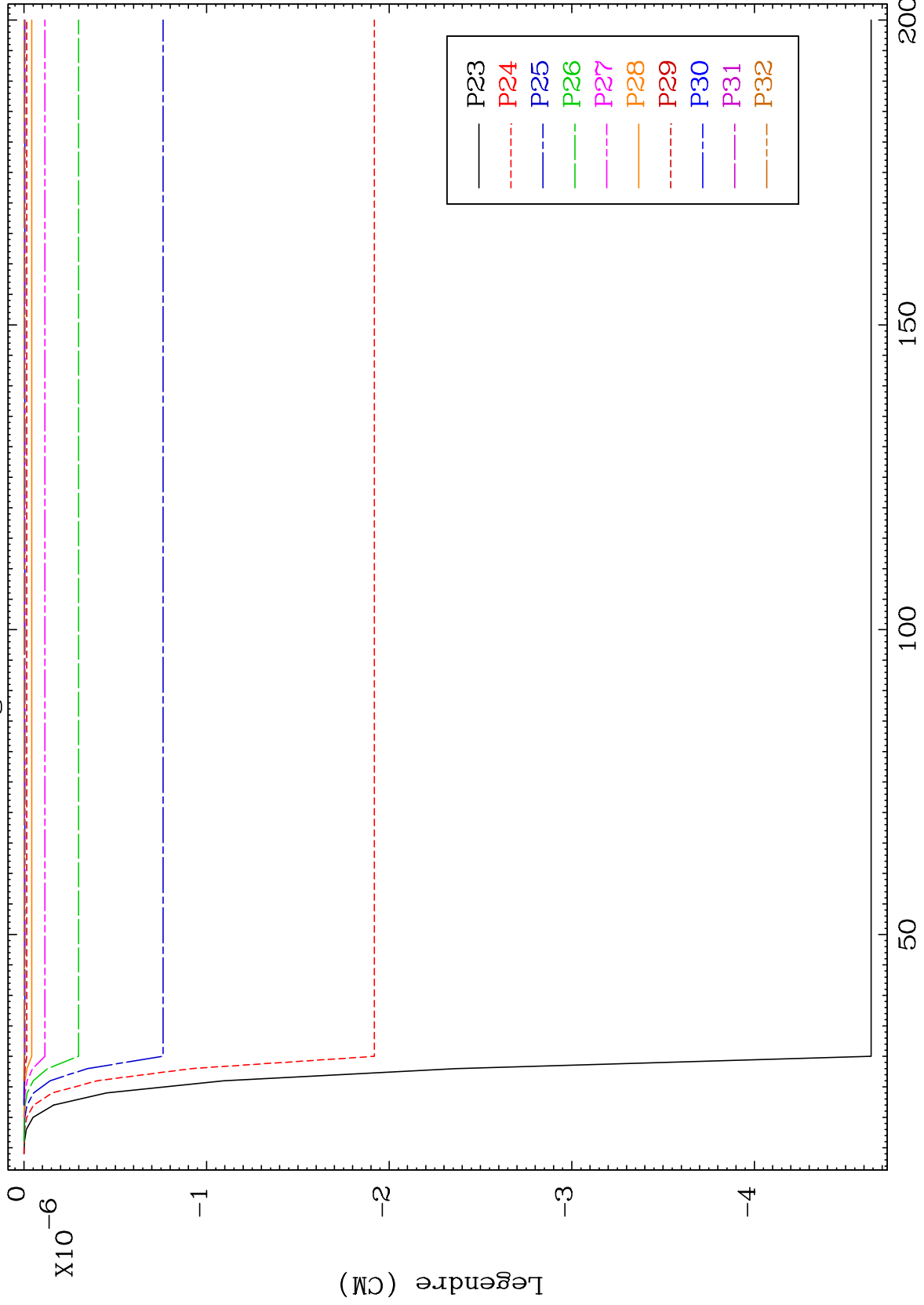
29-Cu-73



MAT 2955

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

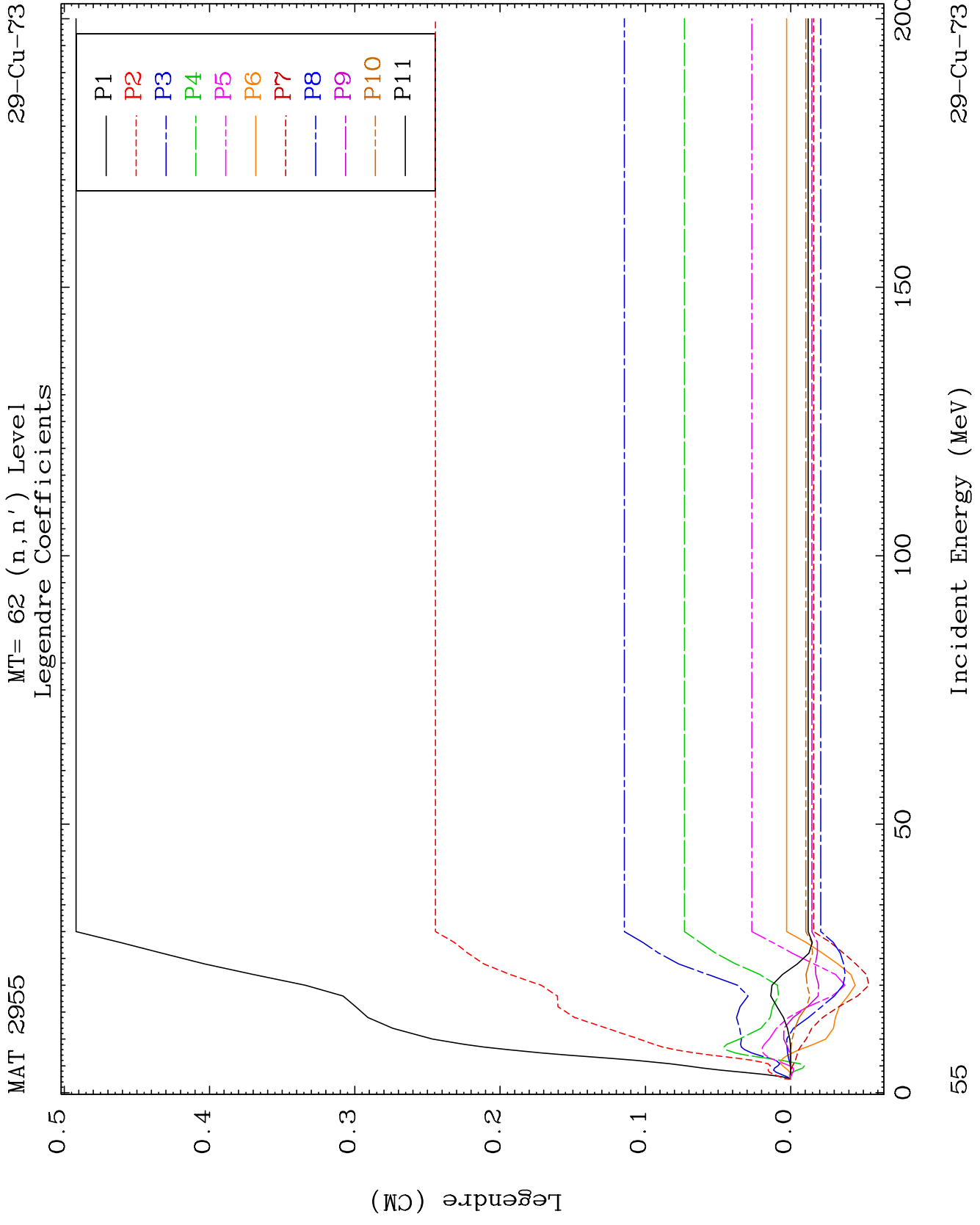
29-Cu-73



29-Cu-73

Incident Energy (MeV)

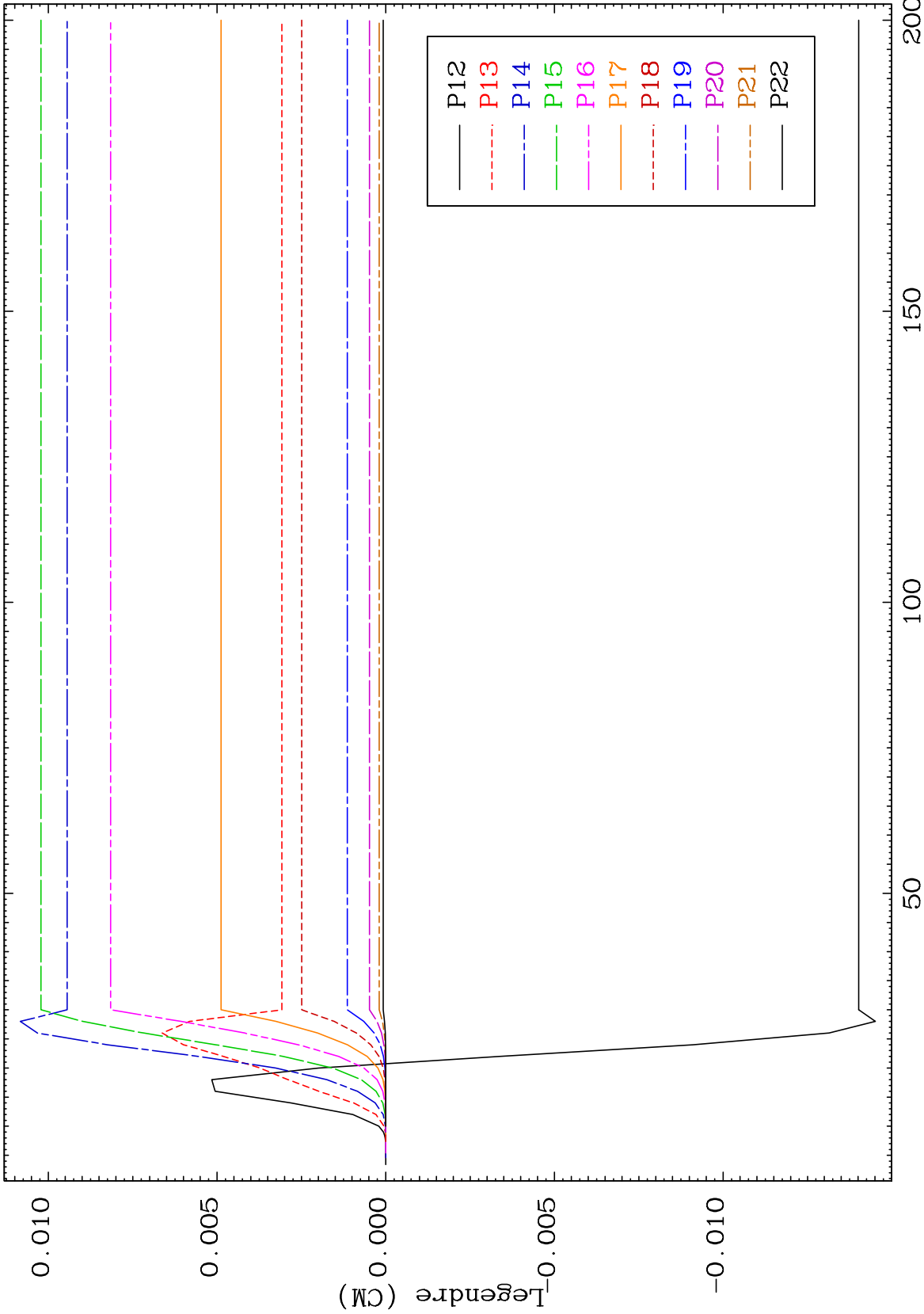
54



MAT 2955

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

29-Cu-73



56

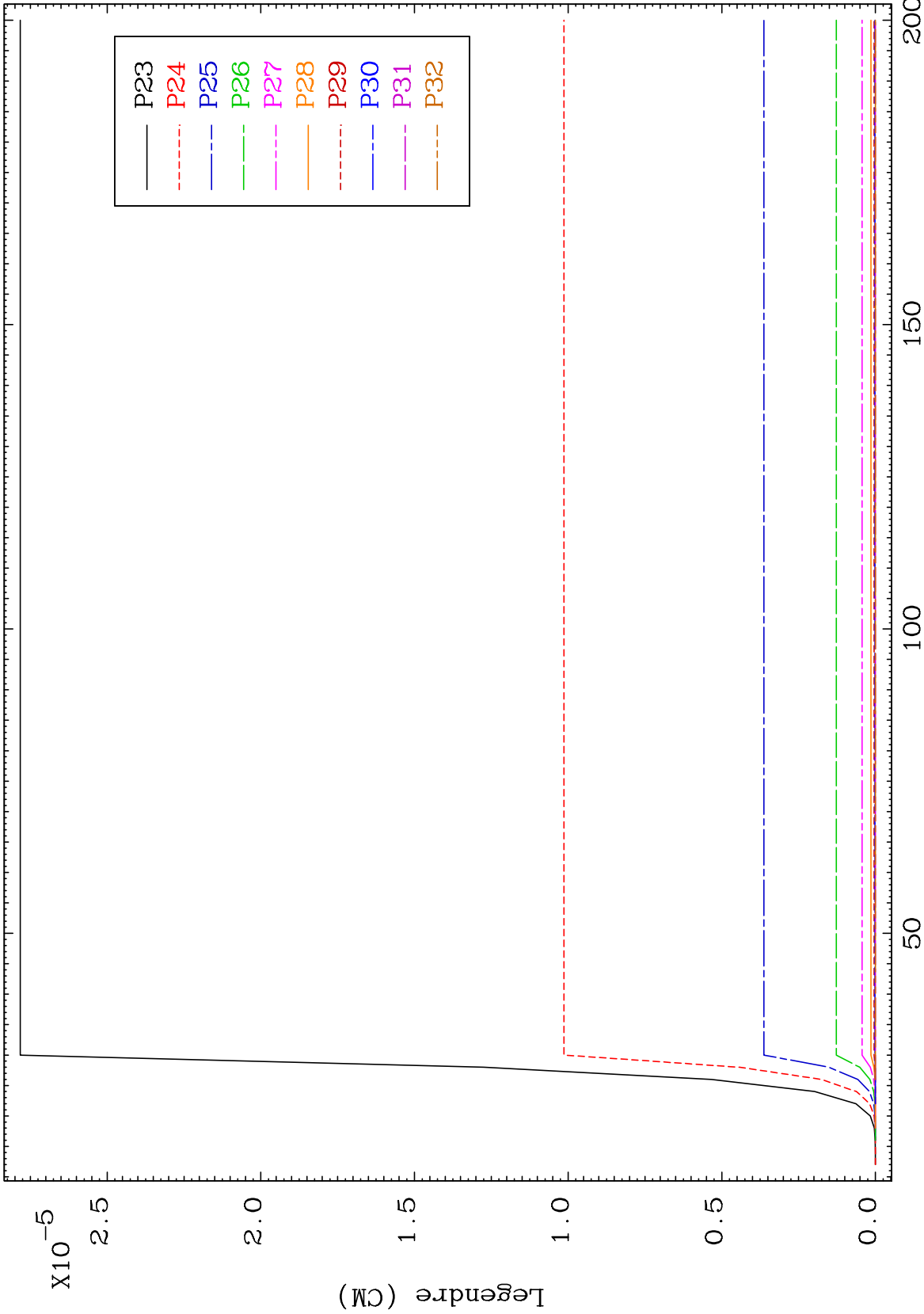
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



57

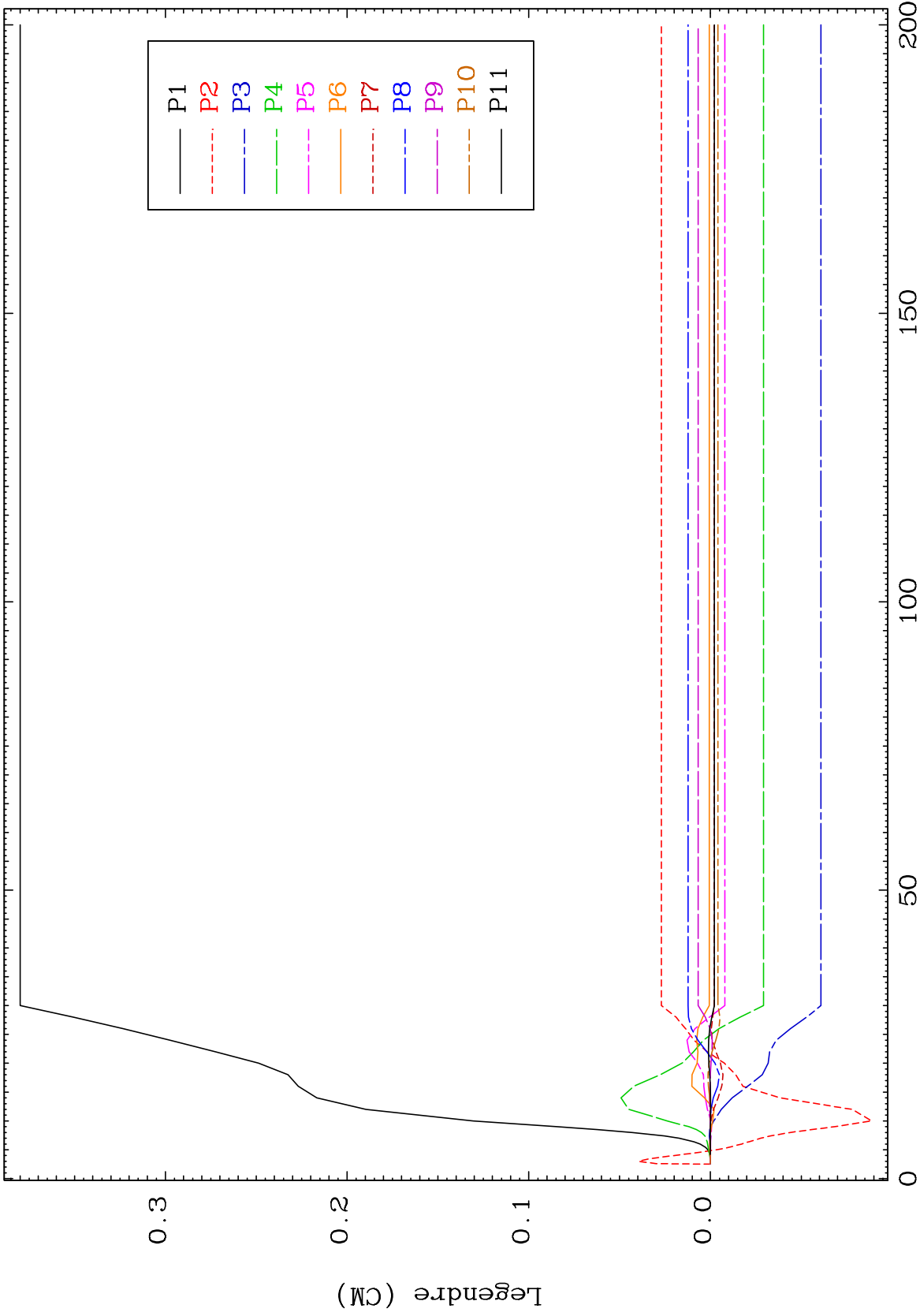
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73

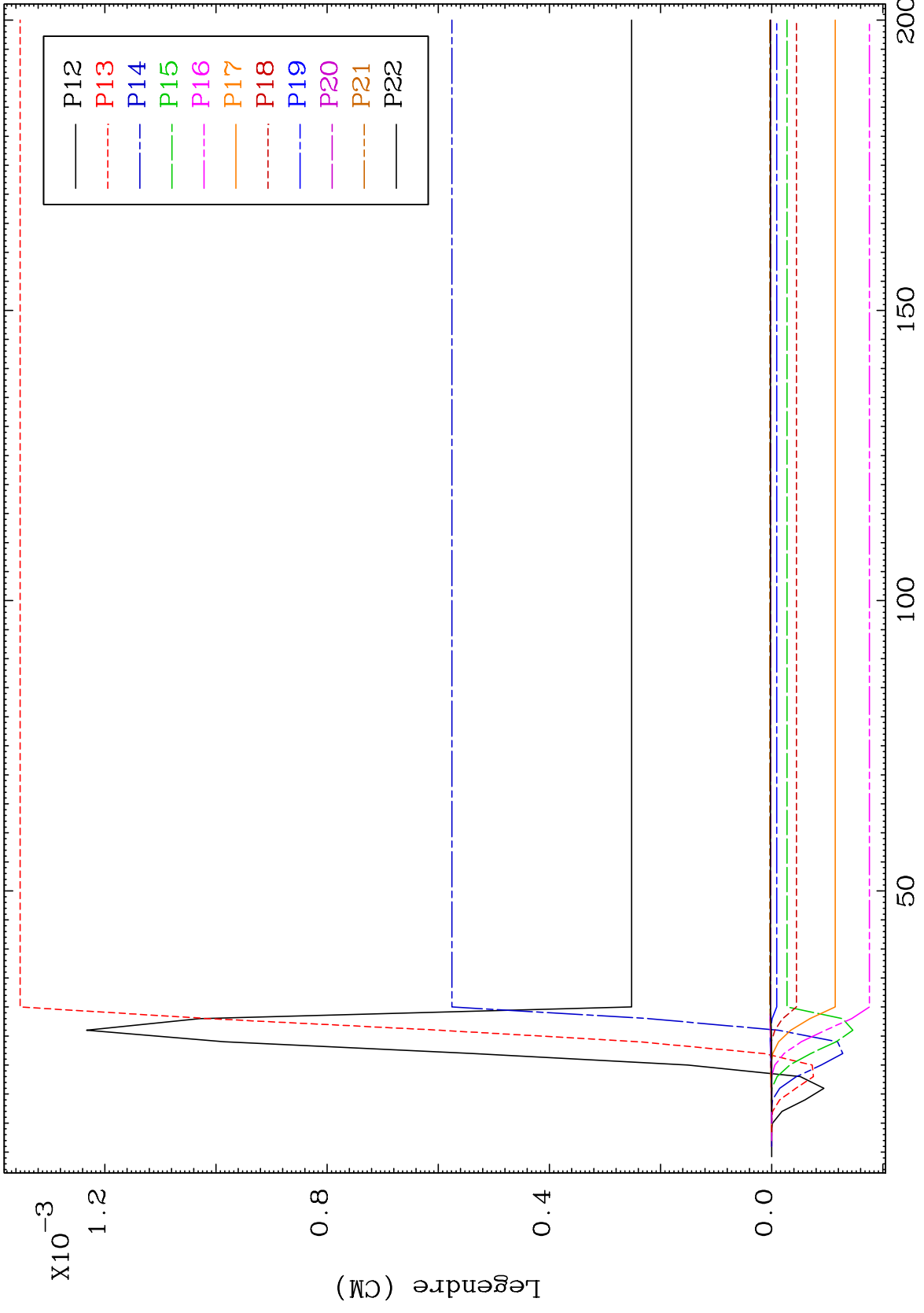


58

Incident Energy (MeV)

29-Cu-73

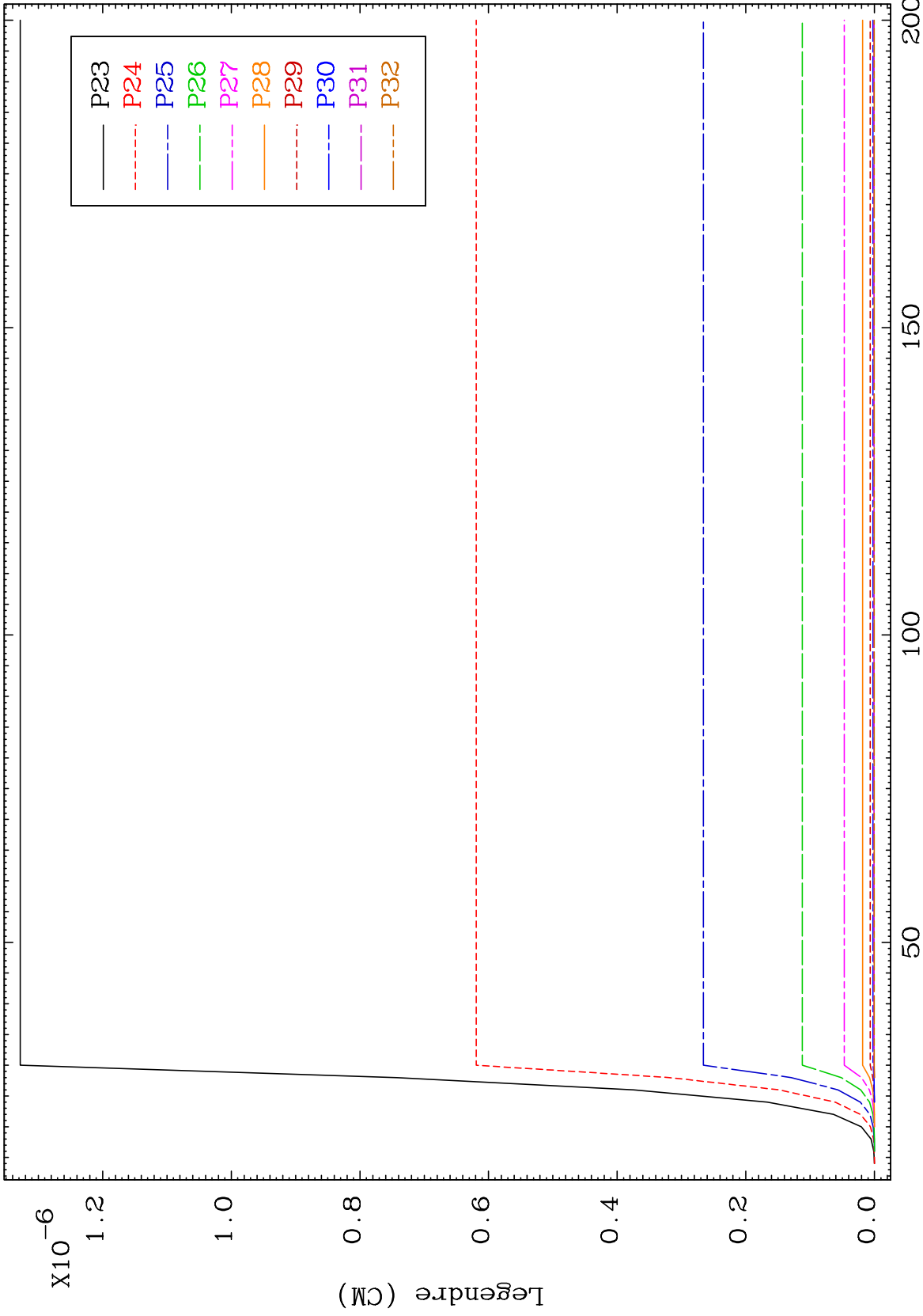
MAT 2955 MT= 63 (n,n') Level Legendre Coefficients 29-Cu-73



MAT 2955

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

29-Cu-73

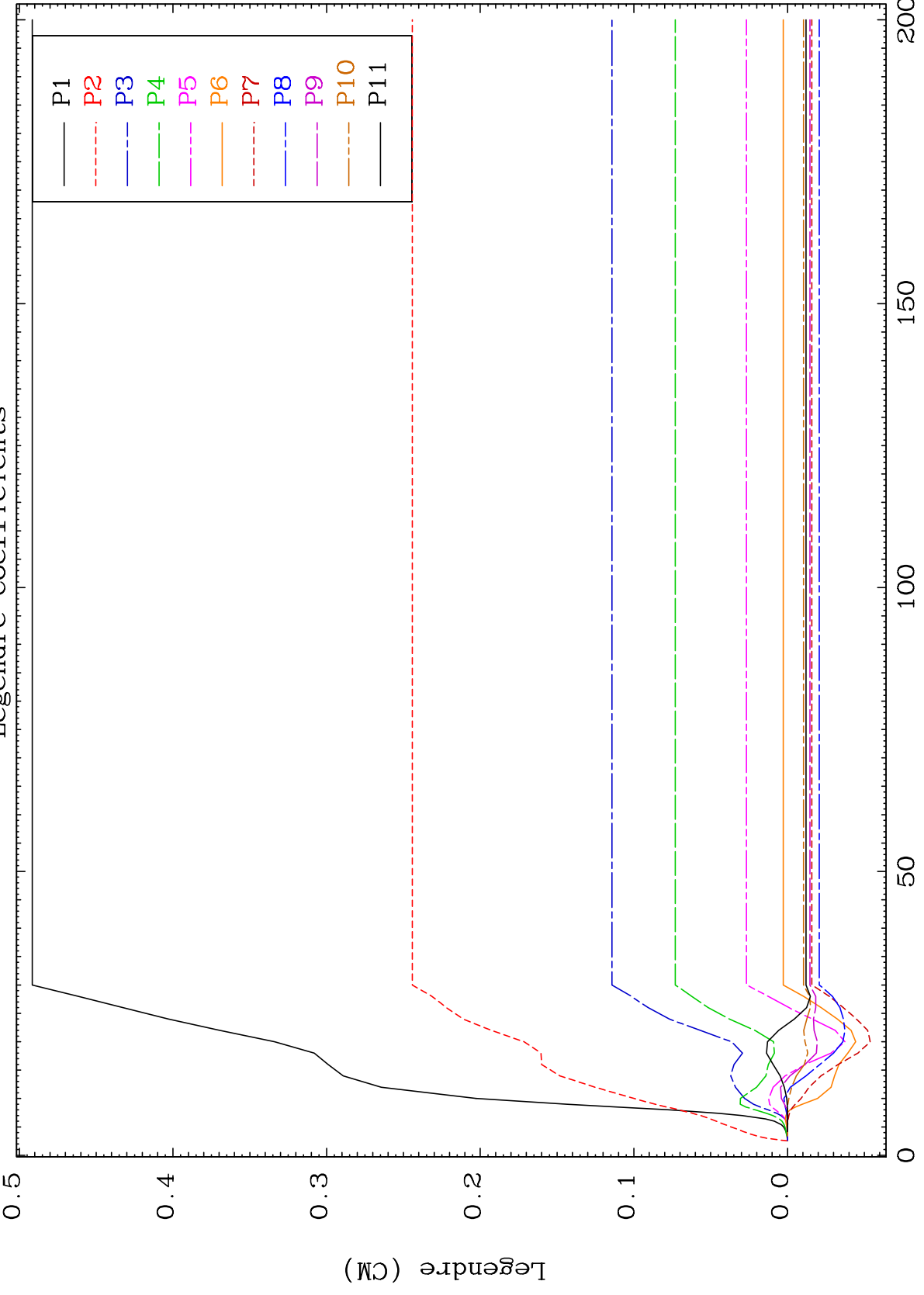


60

Incident Energy (MeV)

29-Cu-73

MAT 2955 MT= 64 (n,n') Level Legendre Coefficients 29-Cu-73

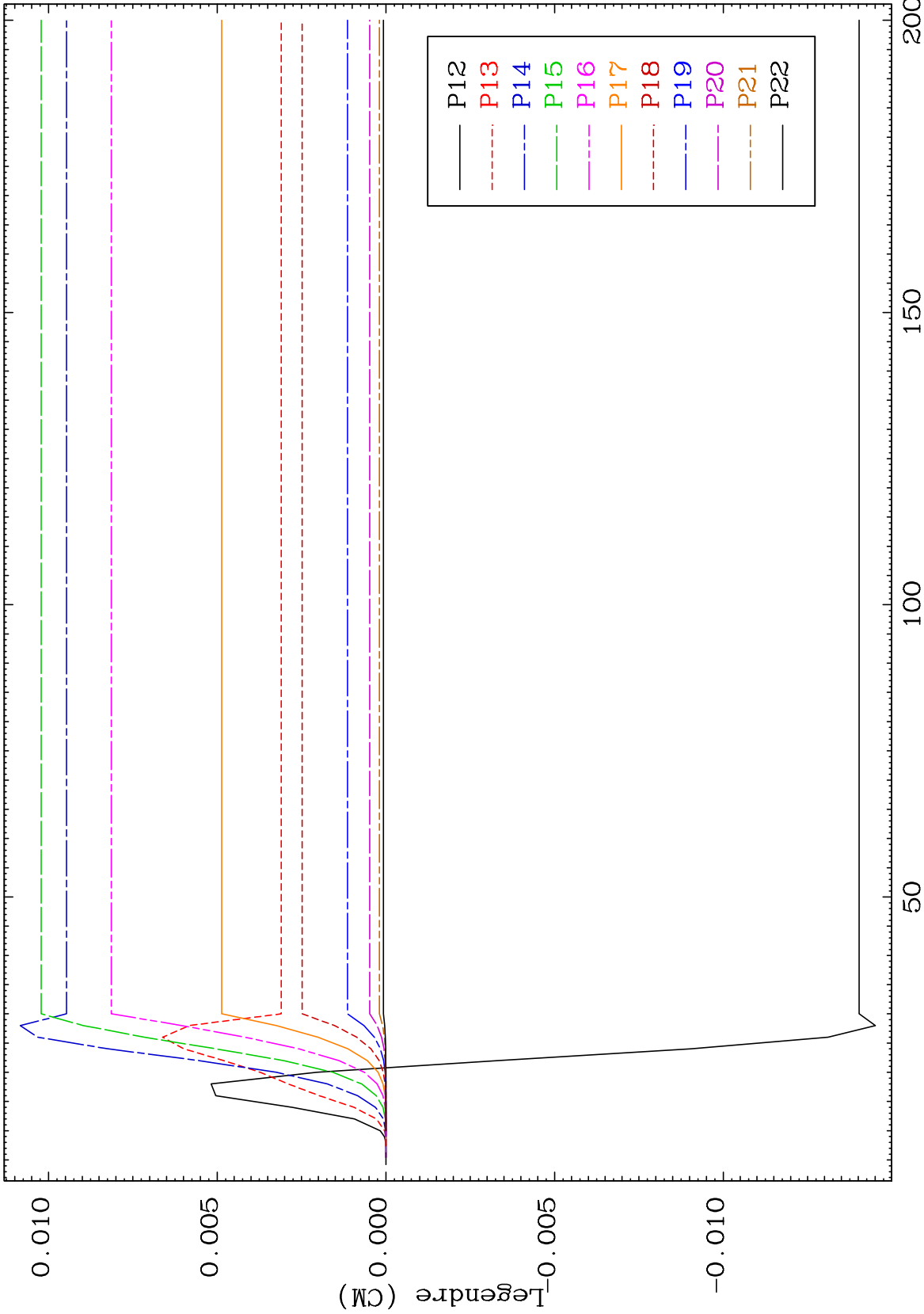


61 29-Cu-73

MAT 2955

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

29-Cu-73



62

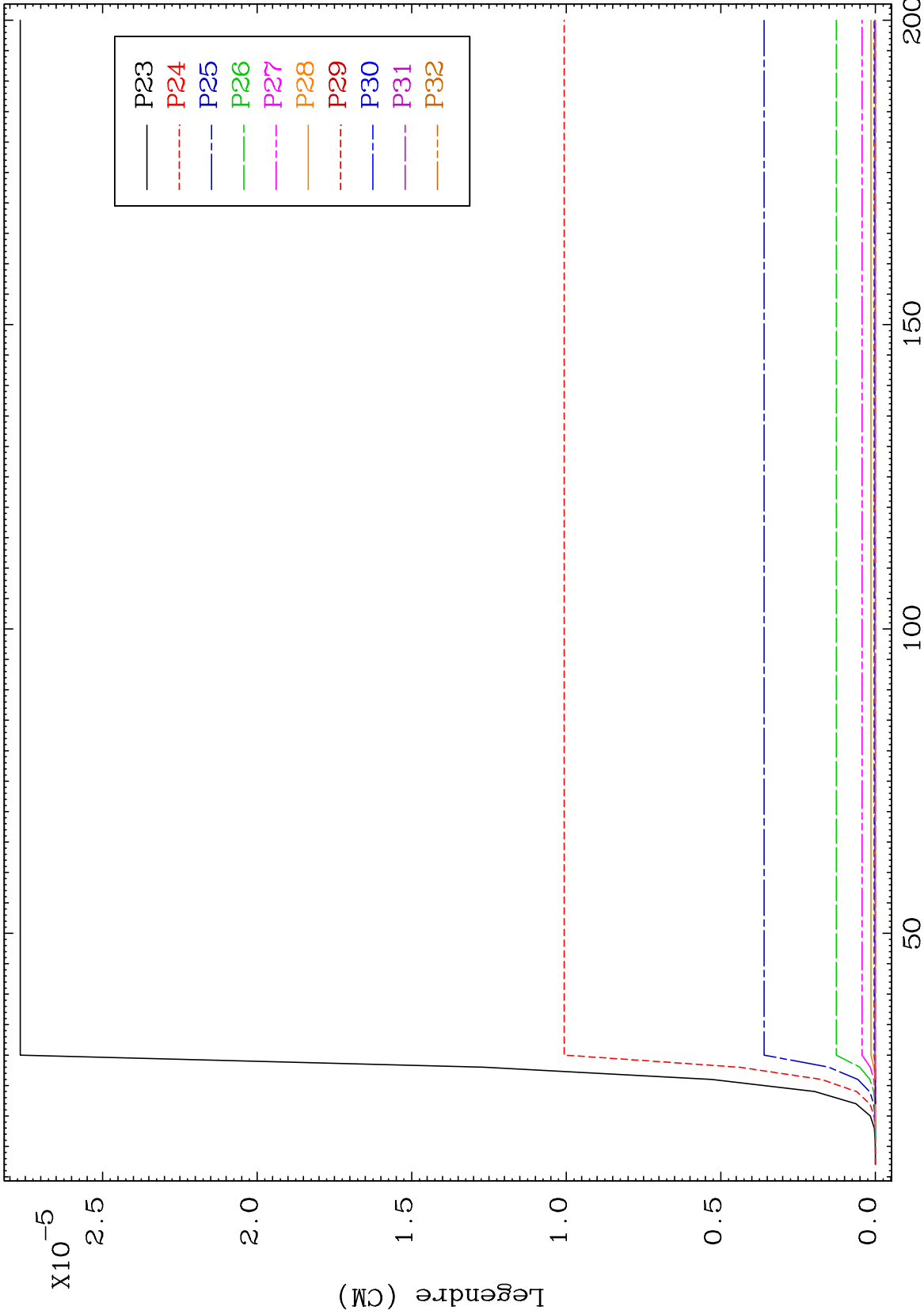
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



63

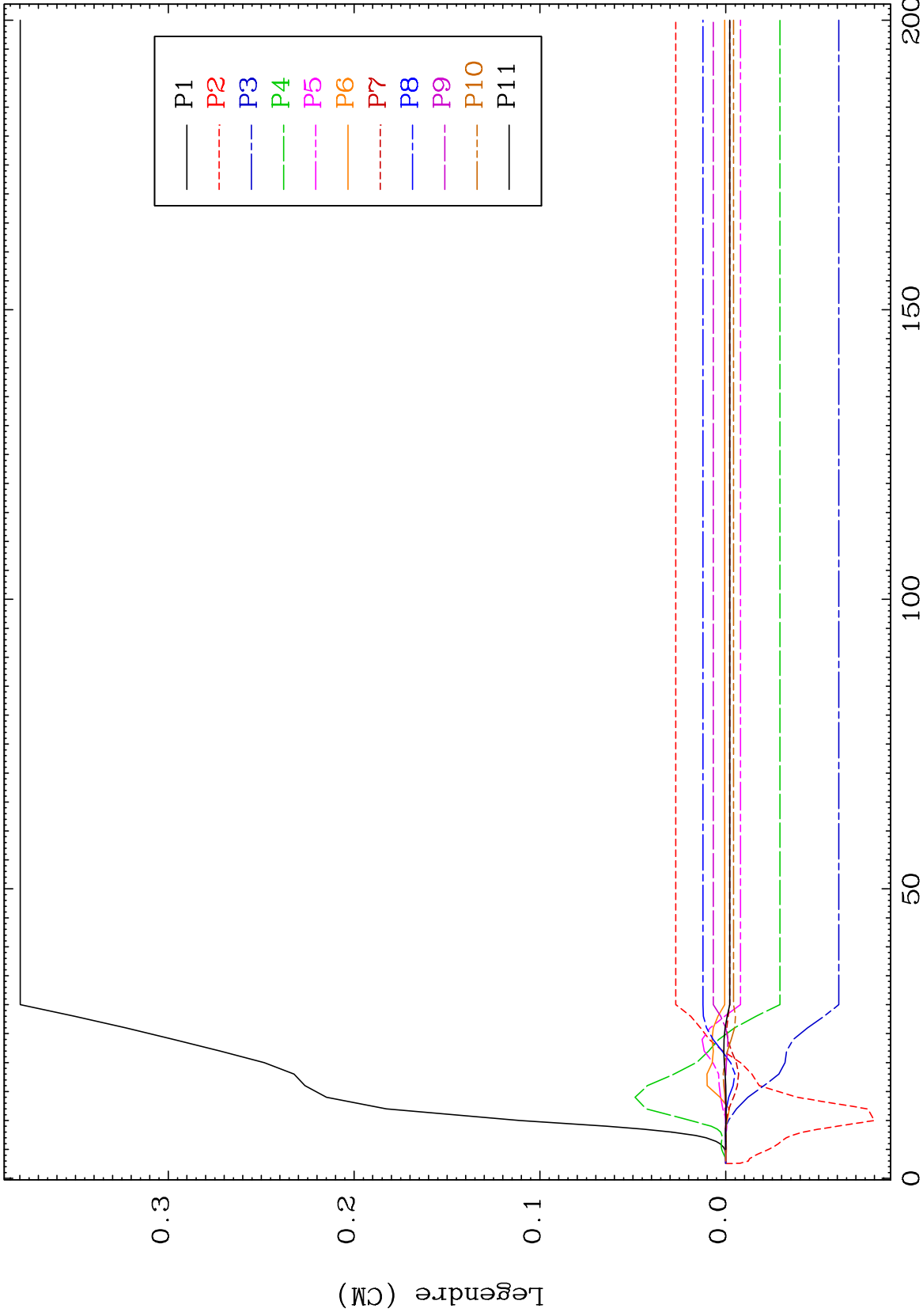
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73

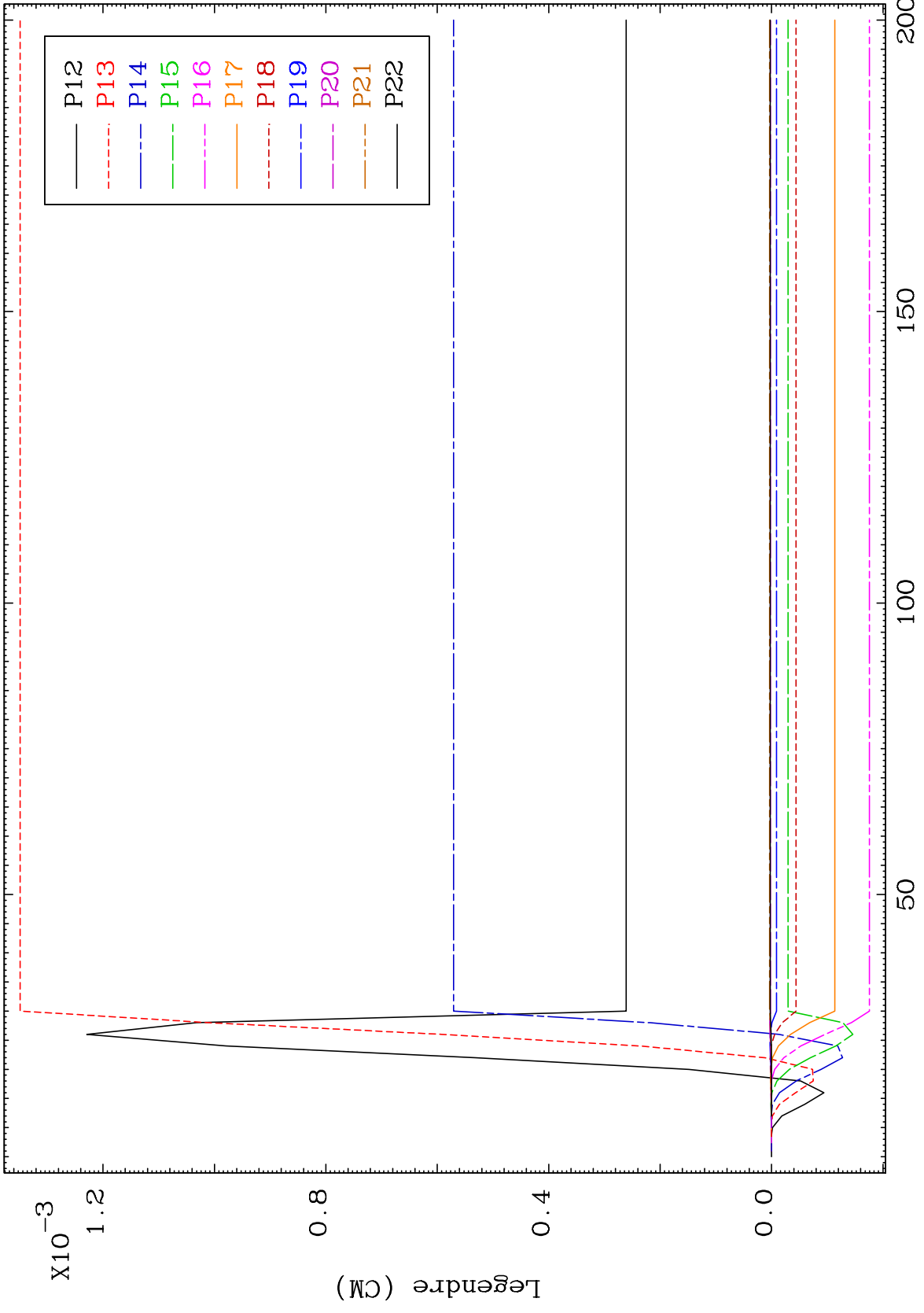


64

Incident Energy (MeV)

29-Cu-73

MAT 2955 MT= 65 (n,n') Level Legendre Coefficients 29-Cu-73

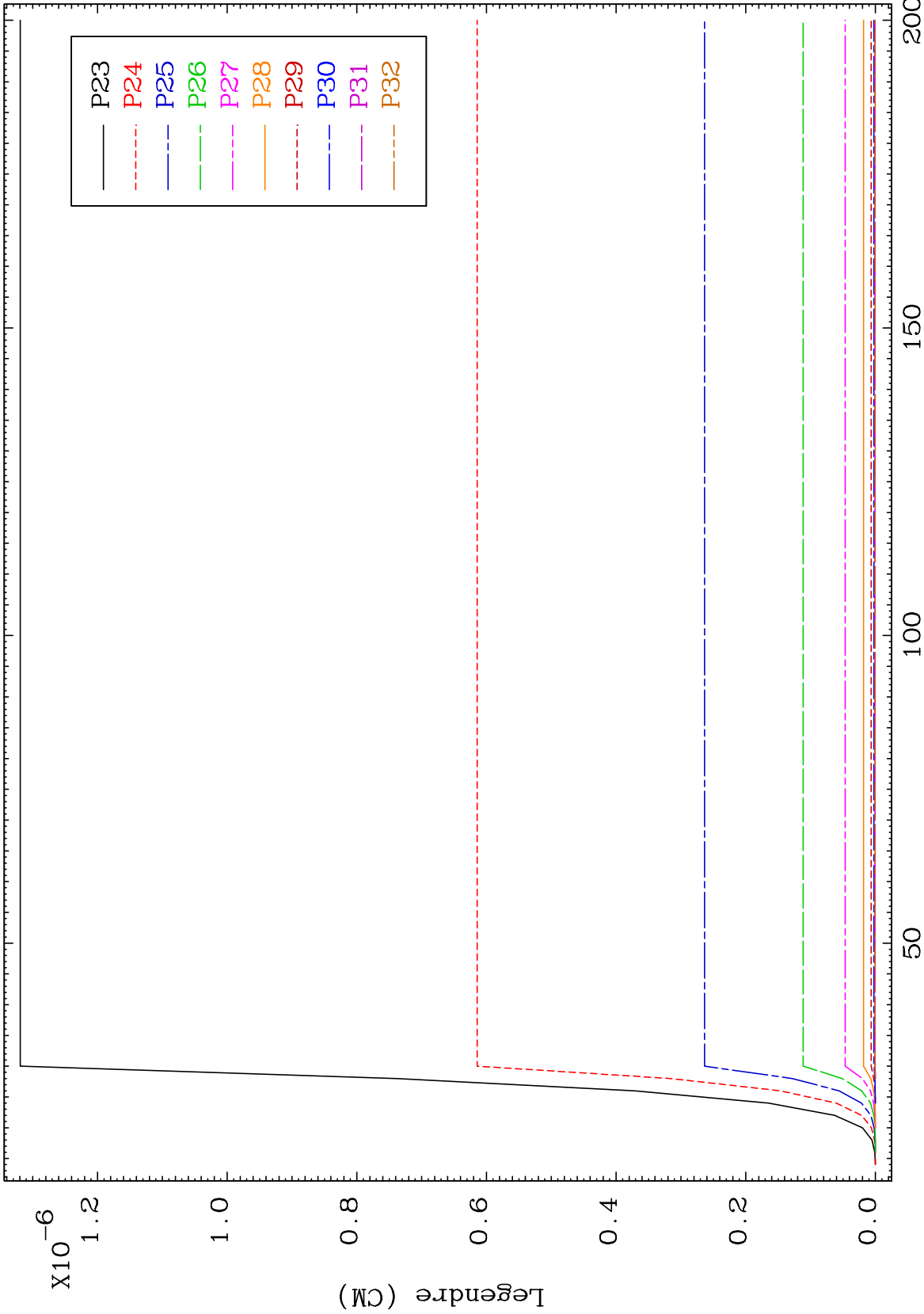


65 29-Cu-73

MAT 2955

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

29-Cu-73

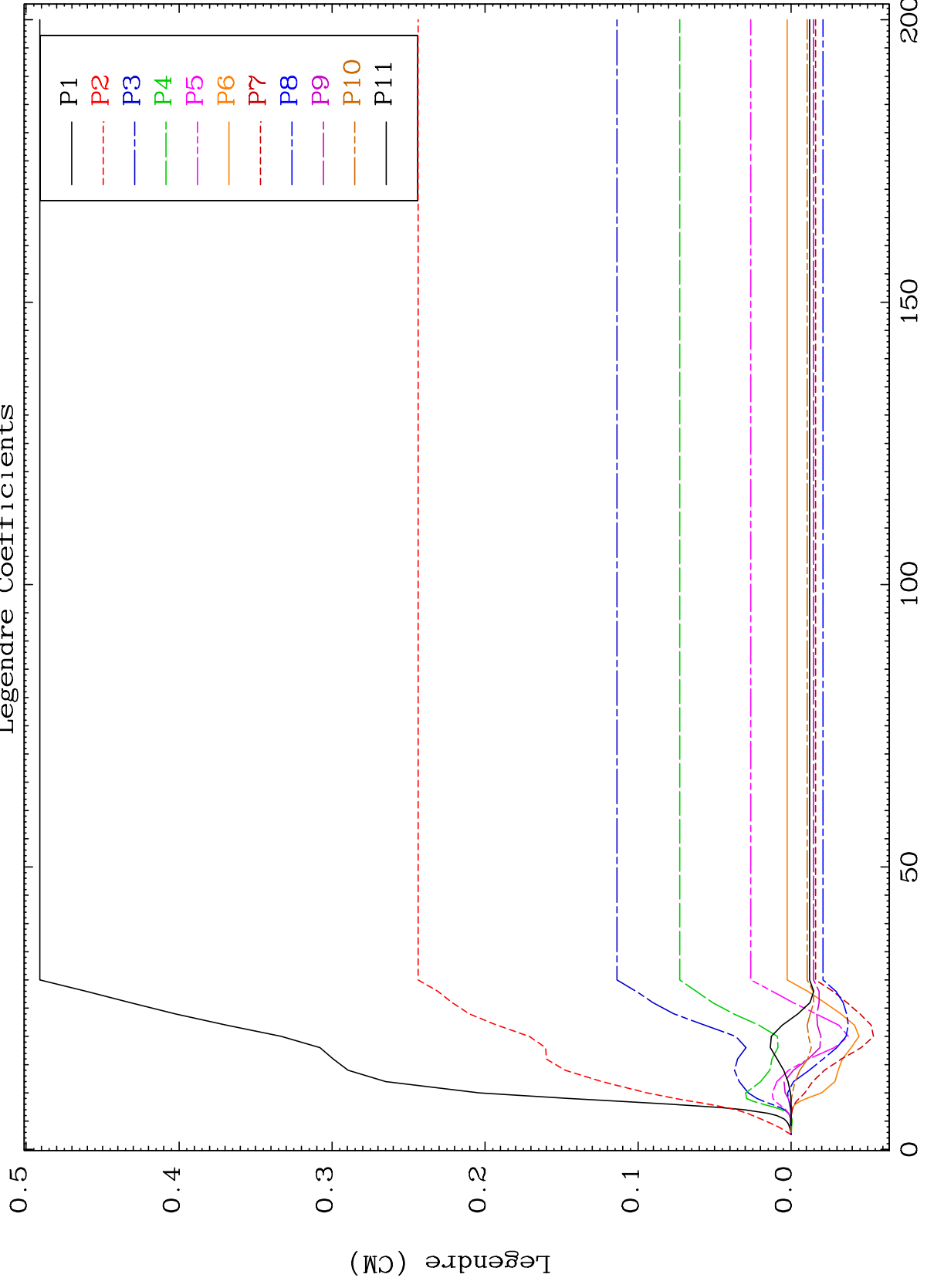


66

Incident Energy (MeV)

29-Cu-73

MAT 2955 MT= 66 (n,n') Level Legendre Coefficients 29-Cu-73

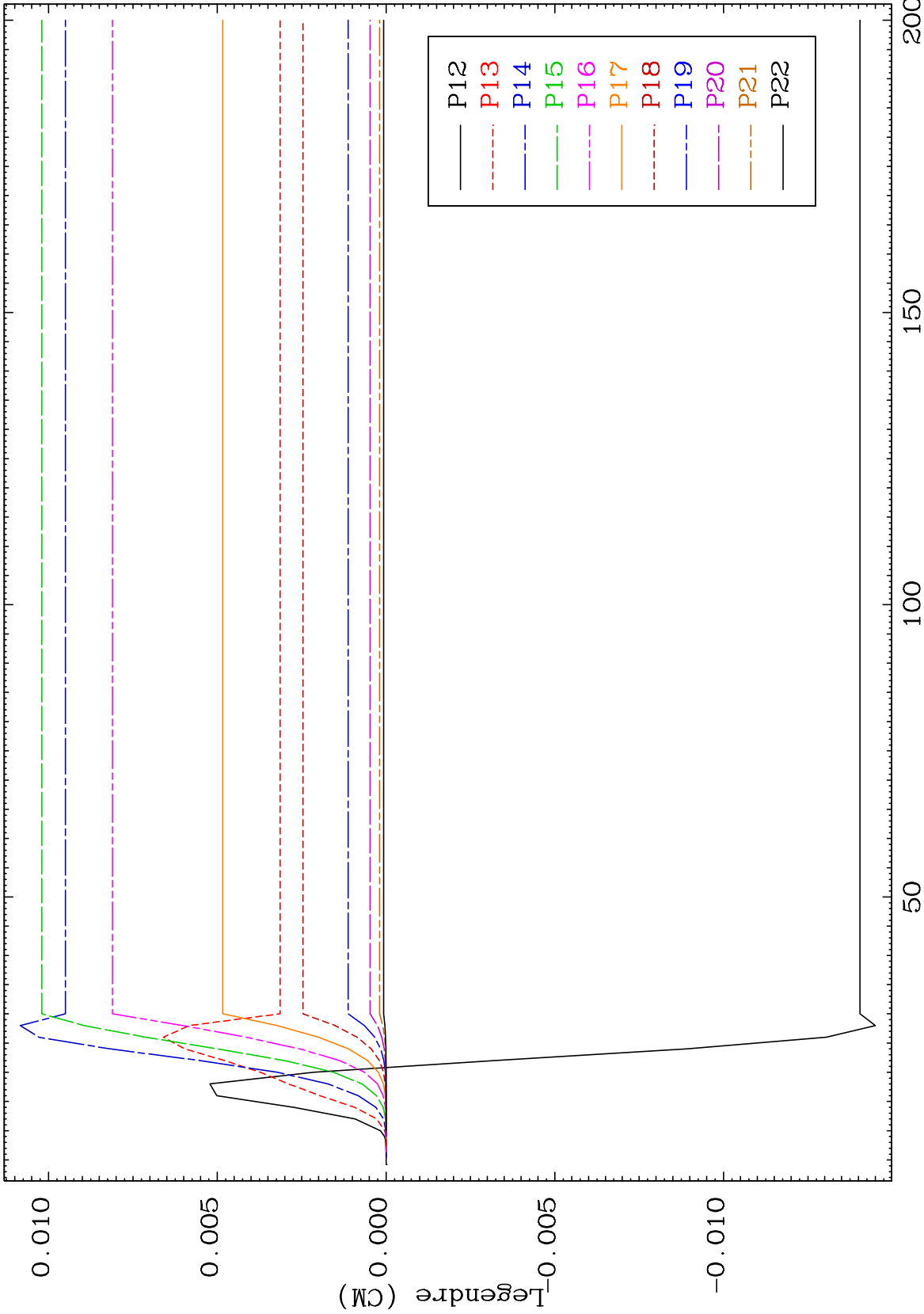


67 29-Cu-73

MAT 2955

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

29-Cu-73



68

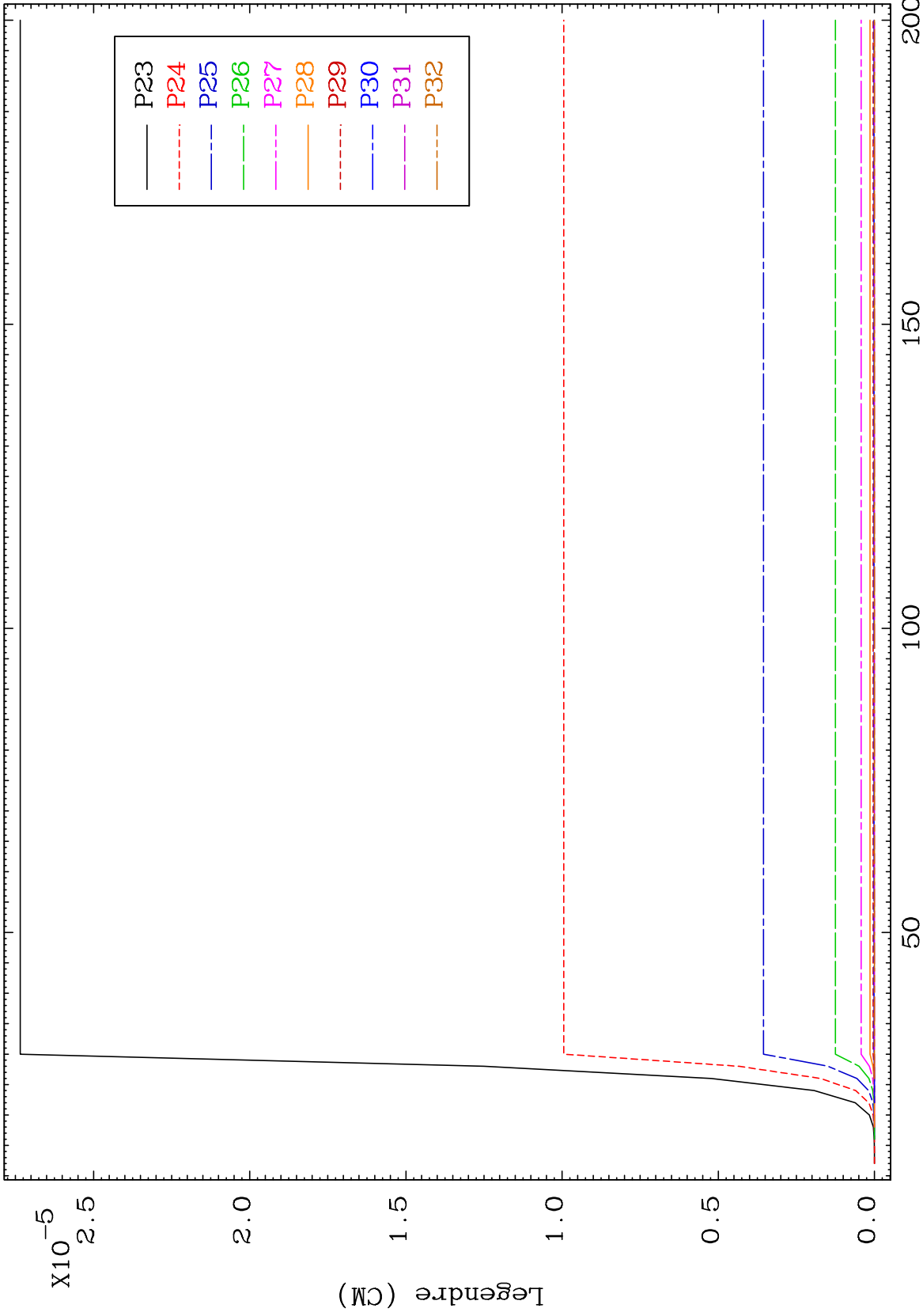
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



69

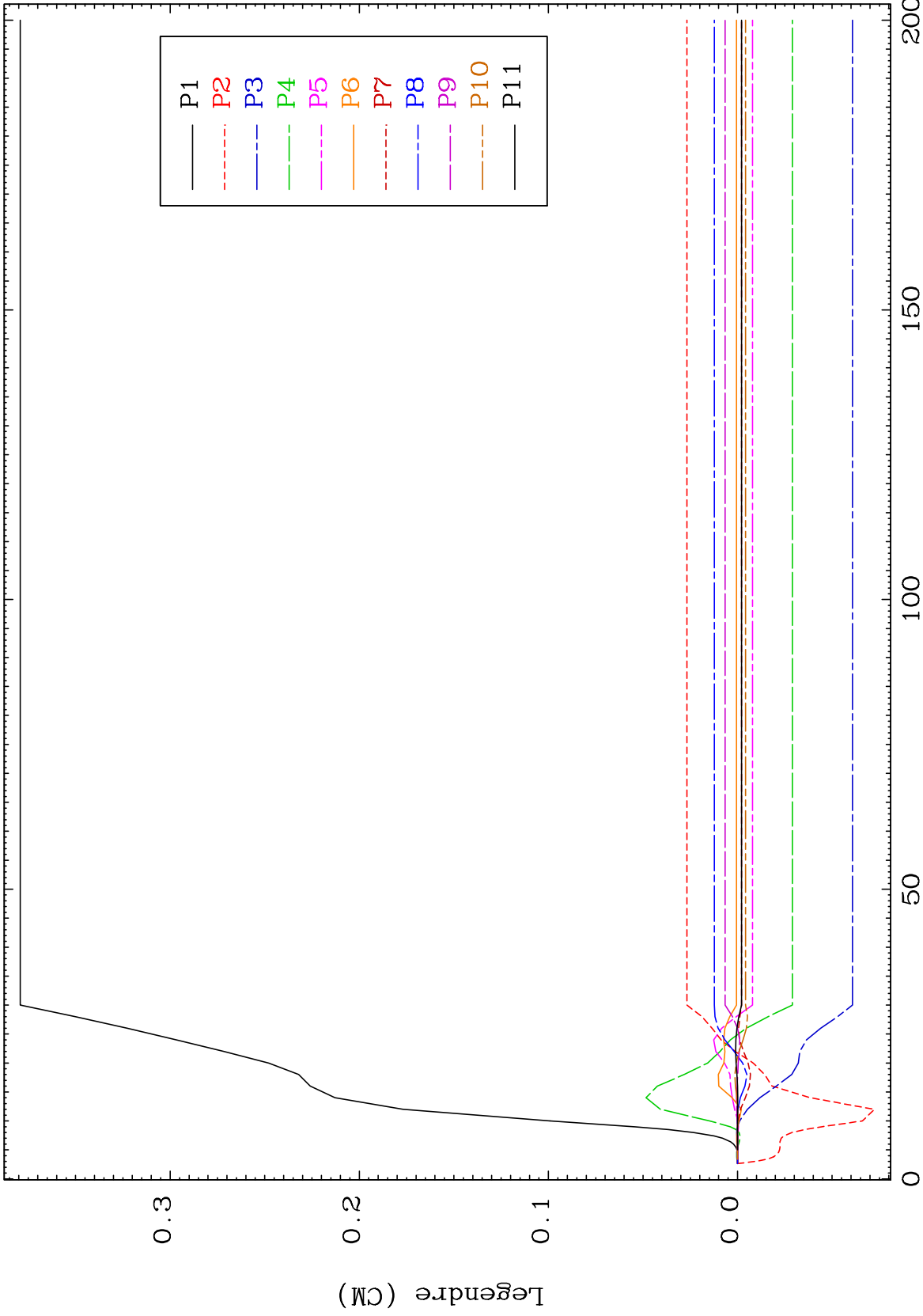
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73

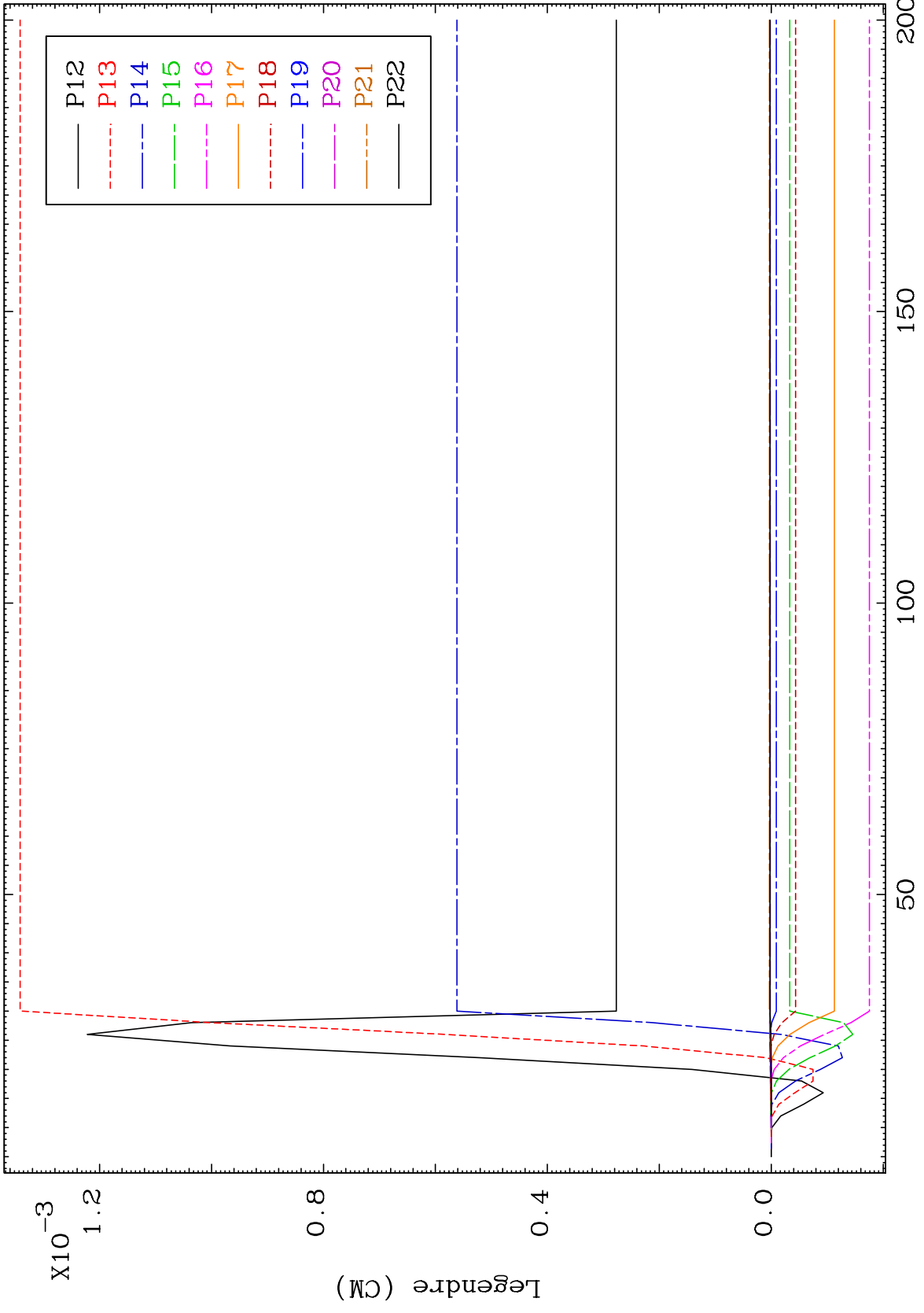


70

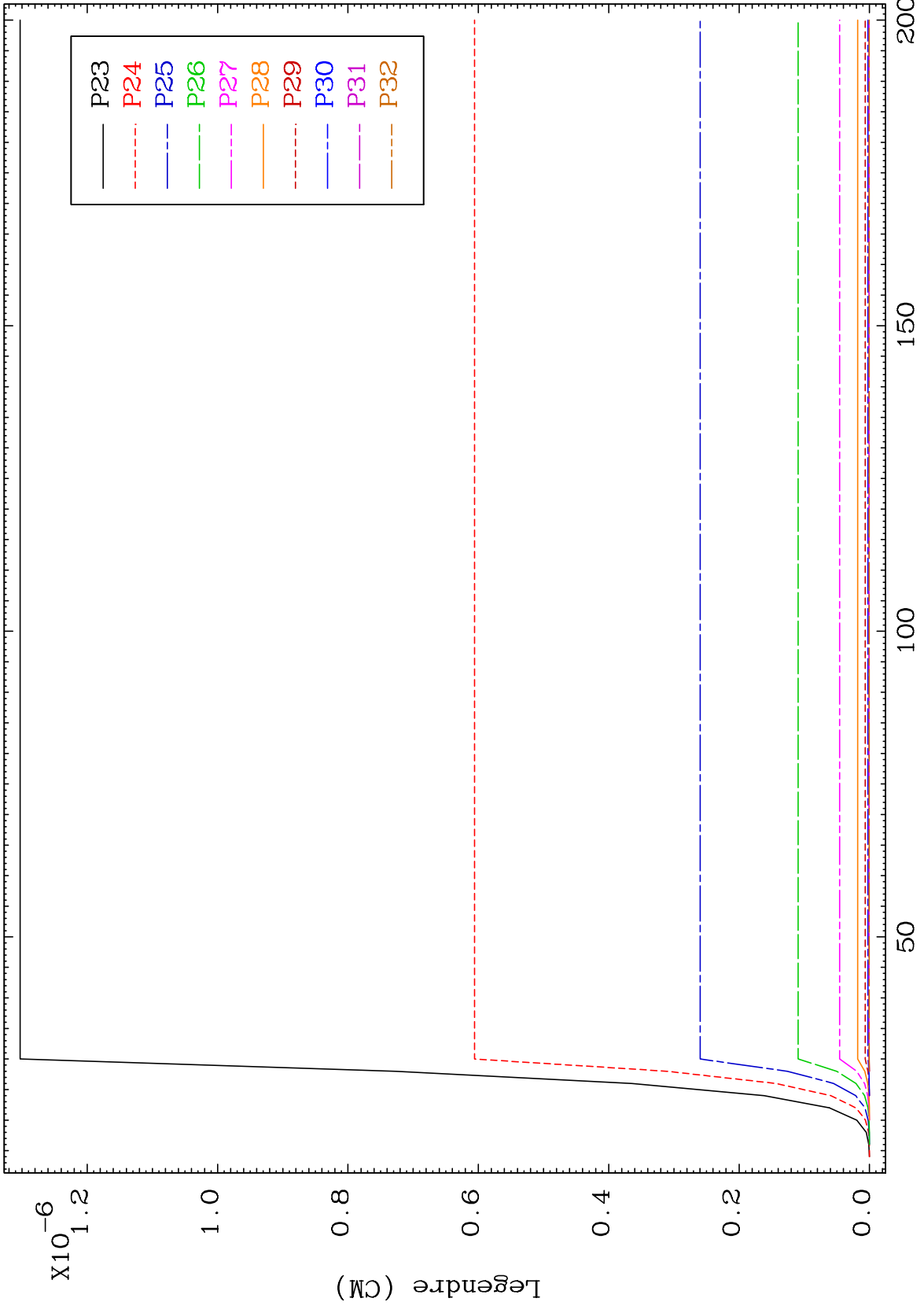
Incident Energy (MeV)

29-Cu-73

MAT 2955 MT= 67 (n,n') Level Legendre Coefficients 29-Cu-73



MAT 2955 MT= 67 (n,n') Level Legendre Coefficients 29-Cu-73

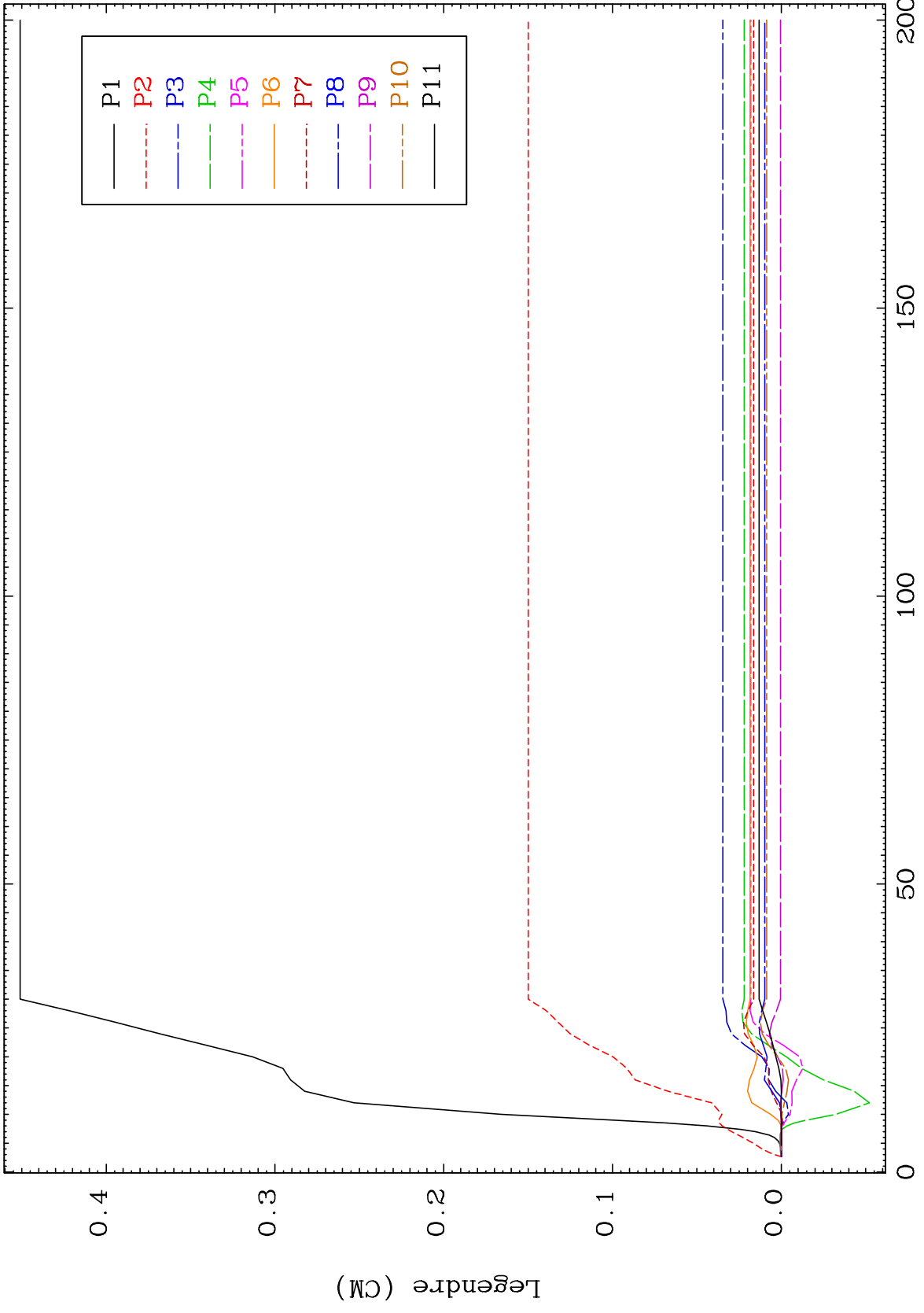


72 50 100 150 200 29-Cu-73

MAT 2955

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

29-Cu-73



73

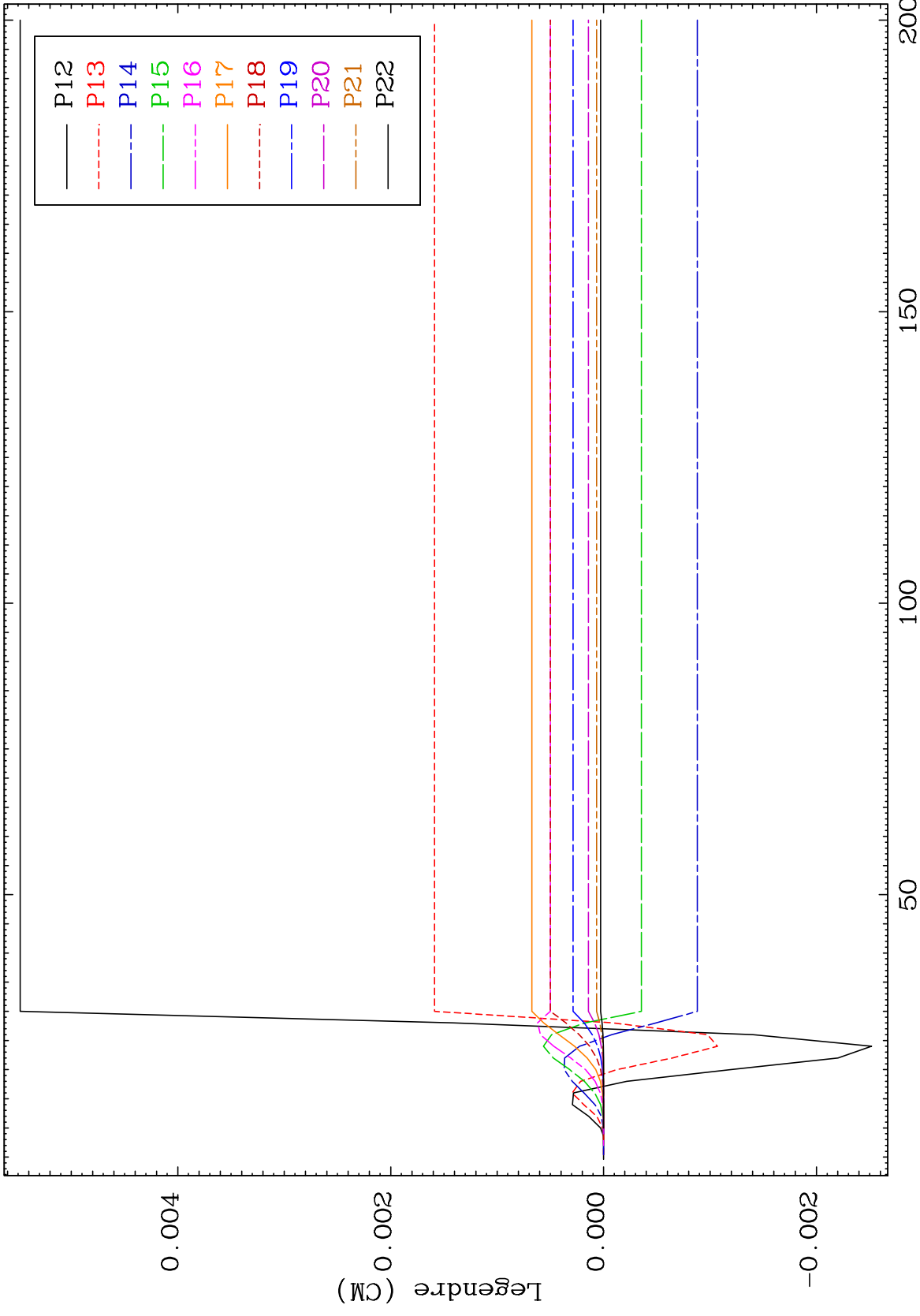
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



74

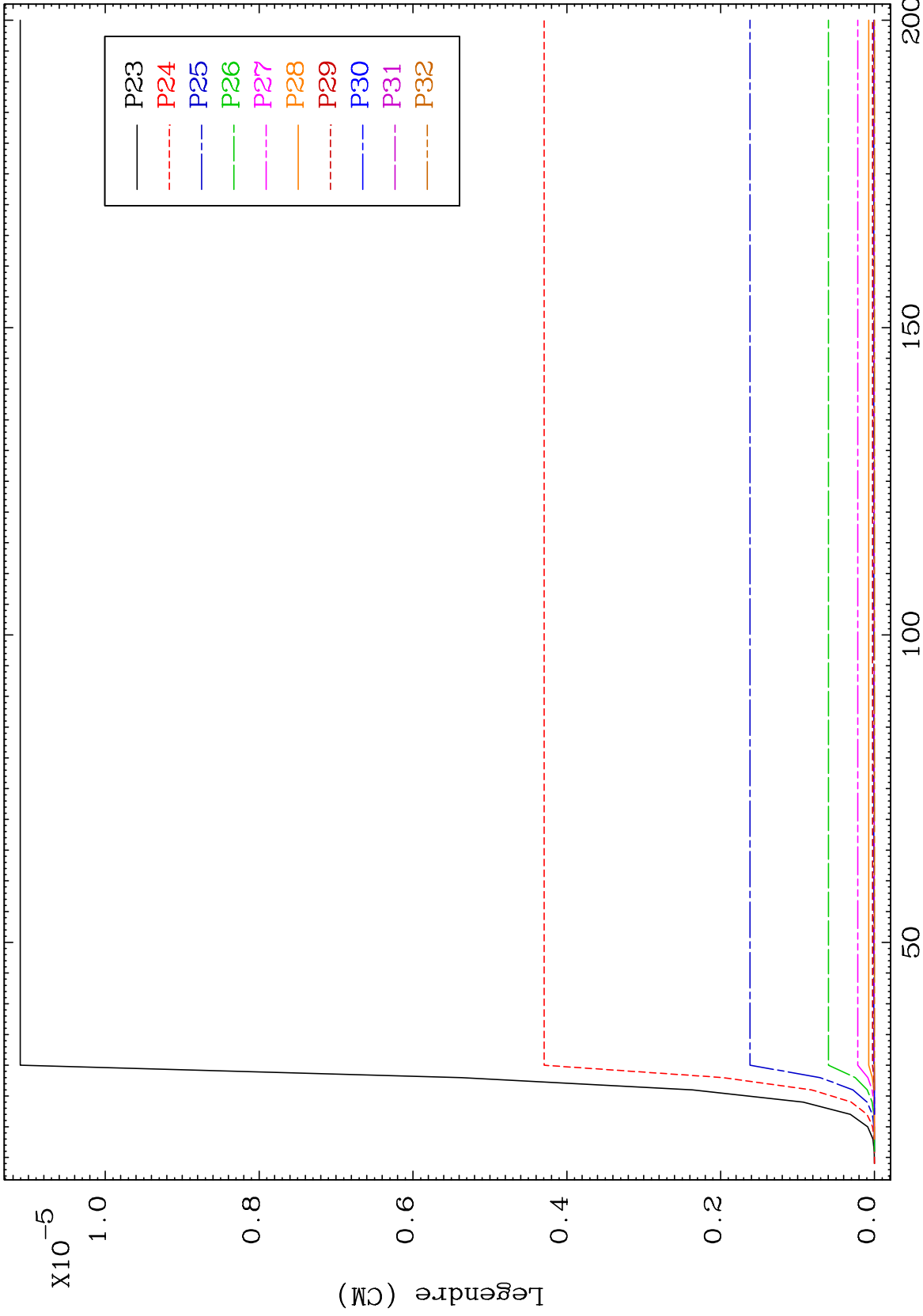
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73

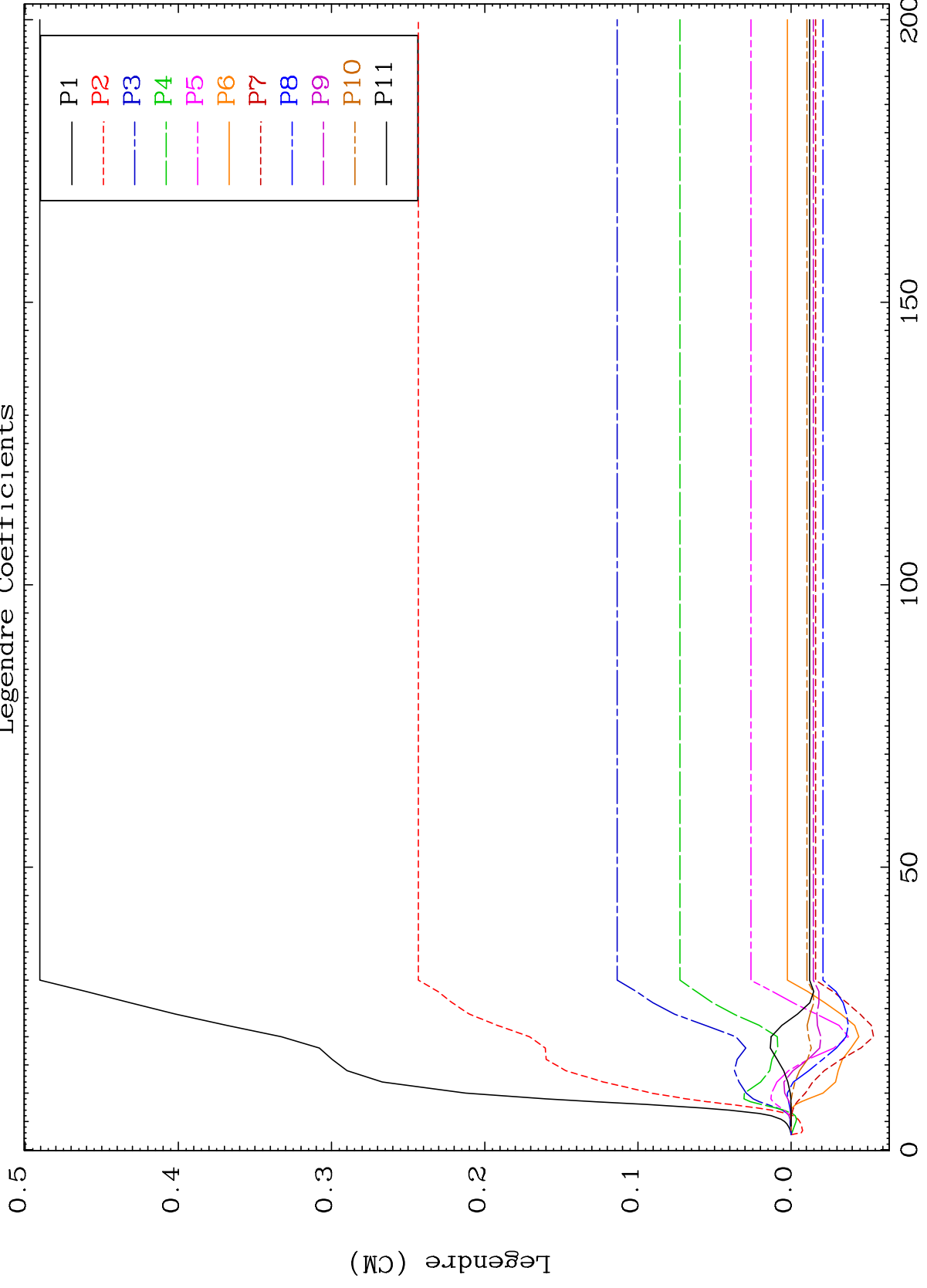


75

Incident Energy (MeV)

29-Cu-73

MAT 2955 MT= 69 (n,n') Level Legendre Coefficients 29-Cu-73

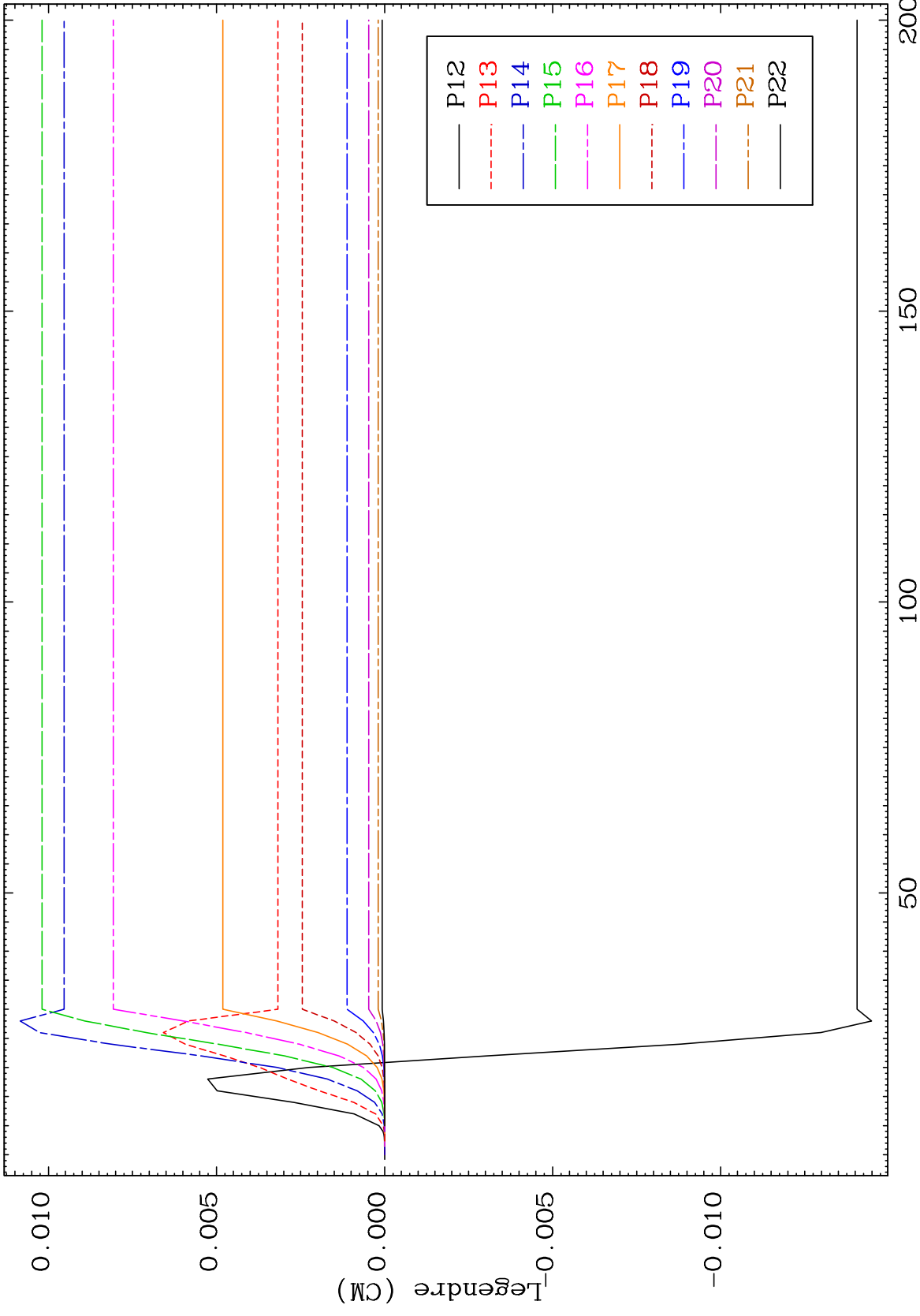


76 29-Cu-73

MAT 2955

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

29-Cu-73



77

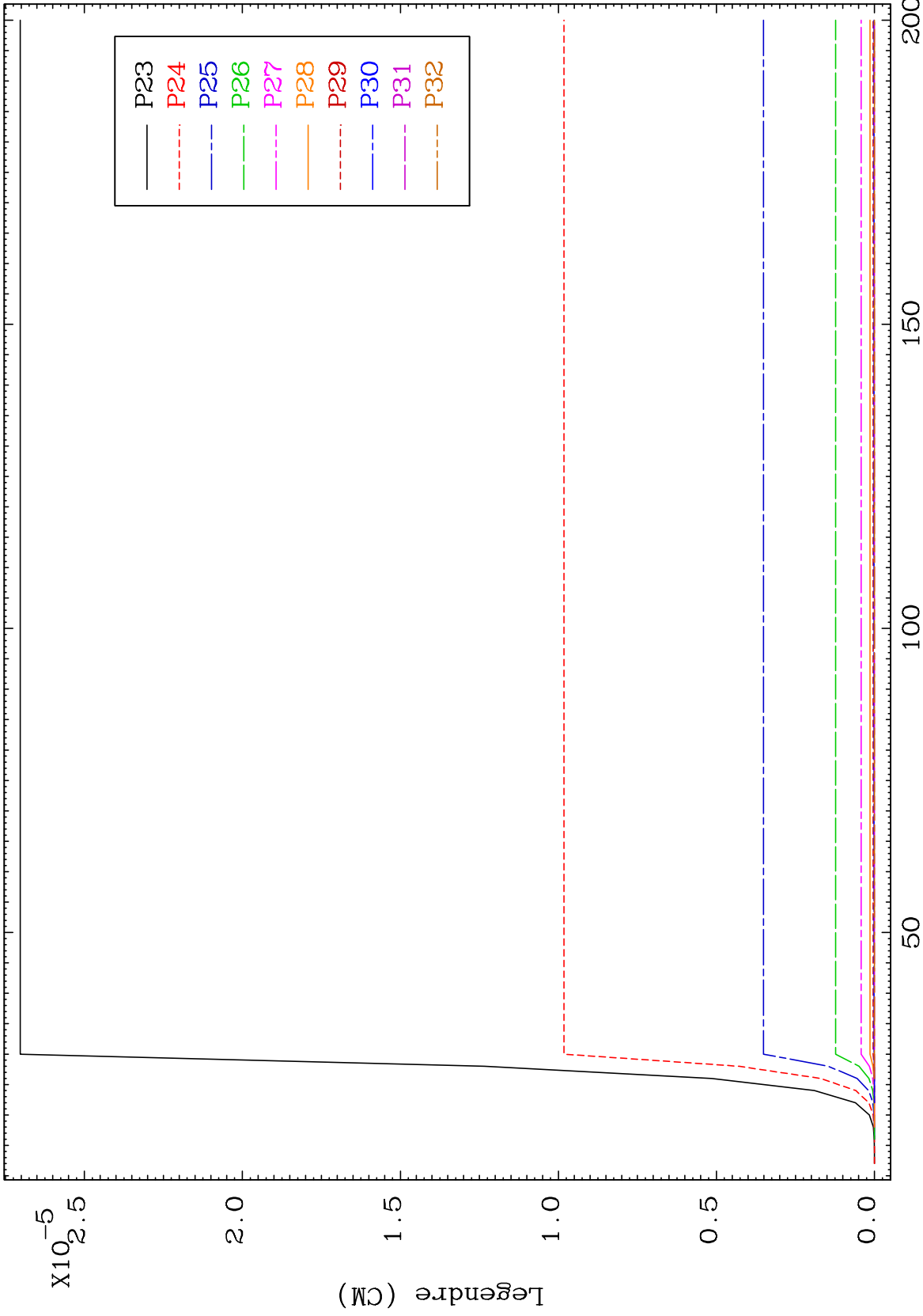
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73

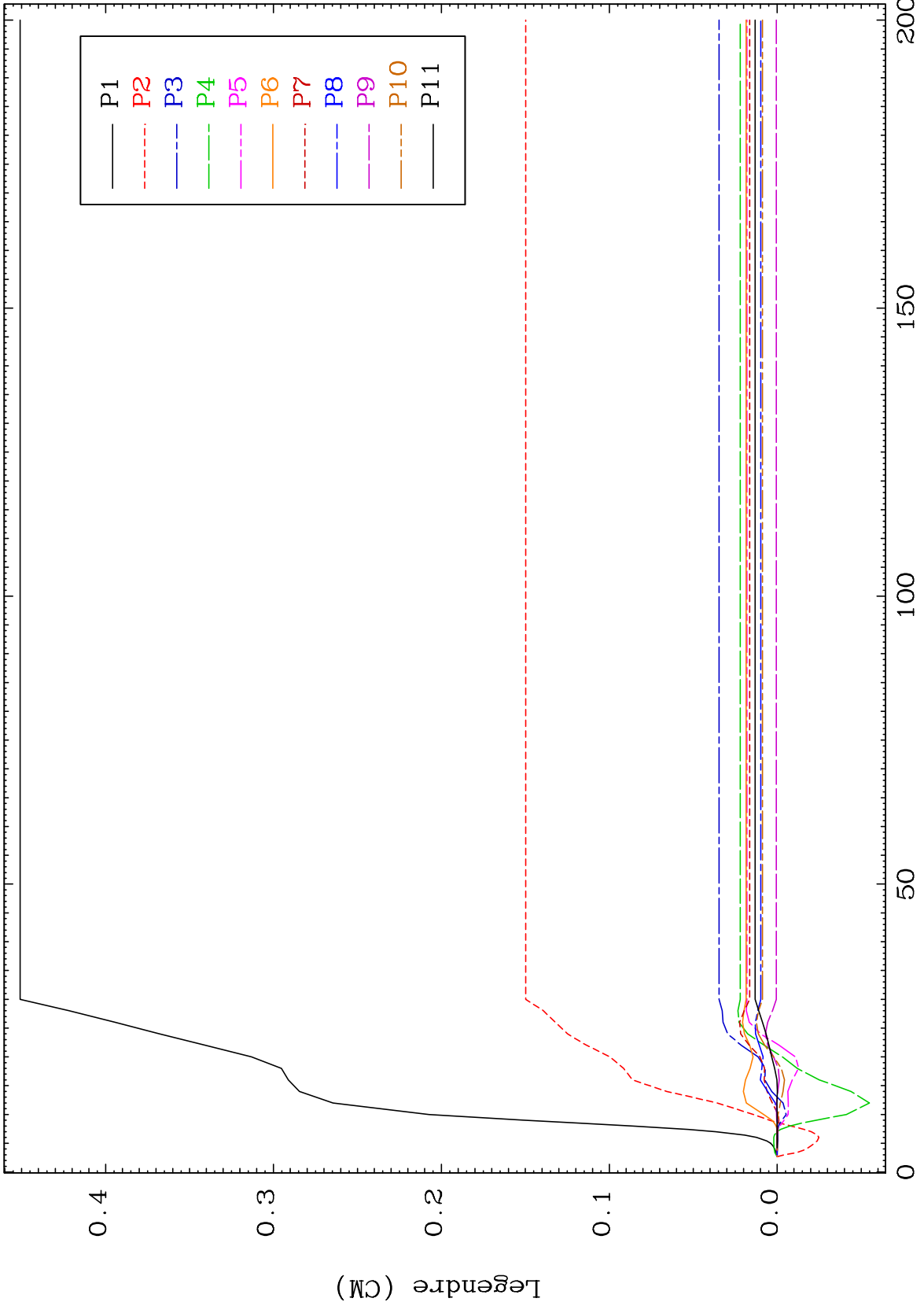


78

Incident Energy (MeV)

29-Cu-73

MAT 2955 MT= 70 (n,n') Level Legendre Coefficients 29-Cu-73

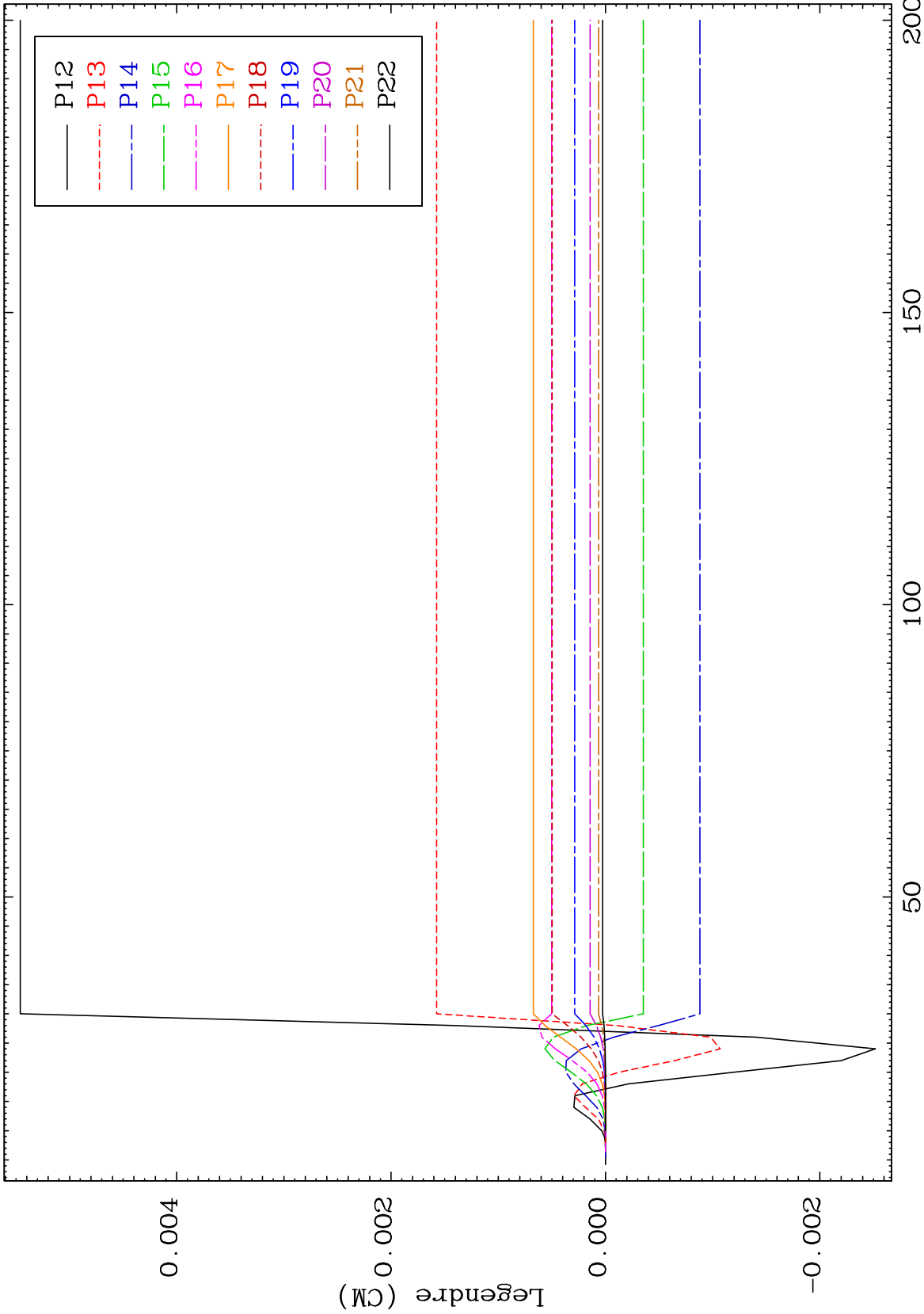


79 Incident Energy (MeV) 29-Cu-73

MAT 2955

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

29-Cu-73



80

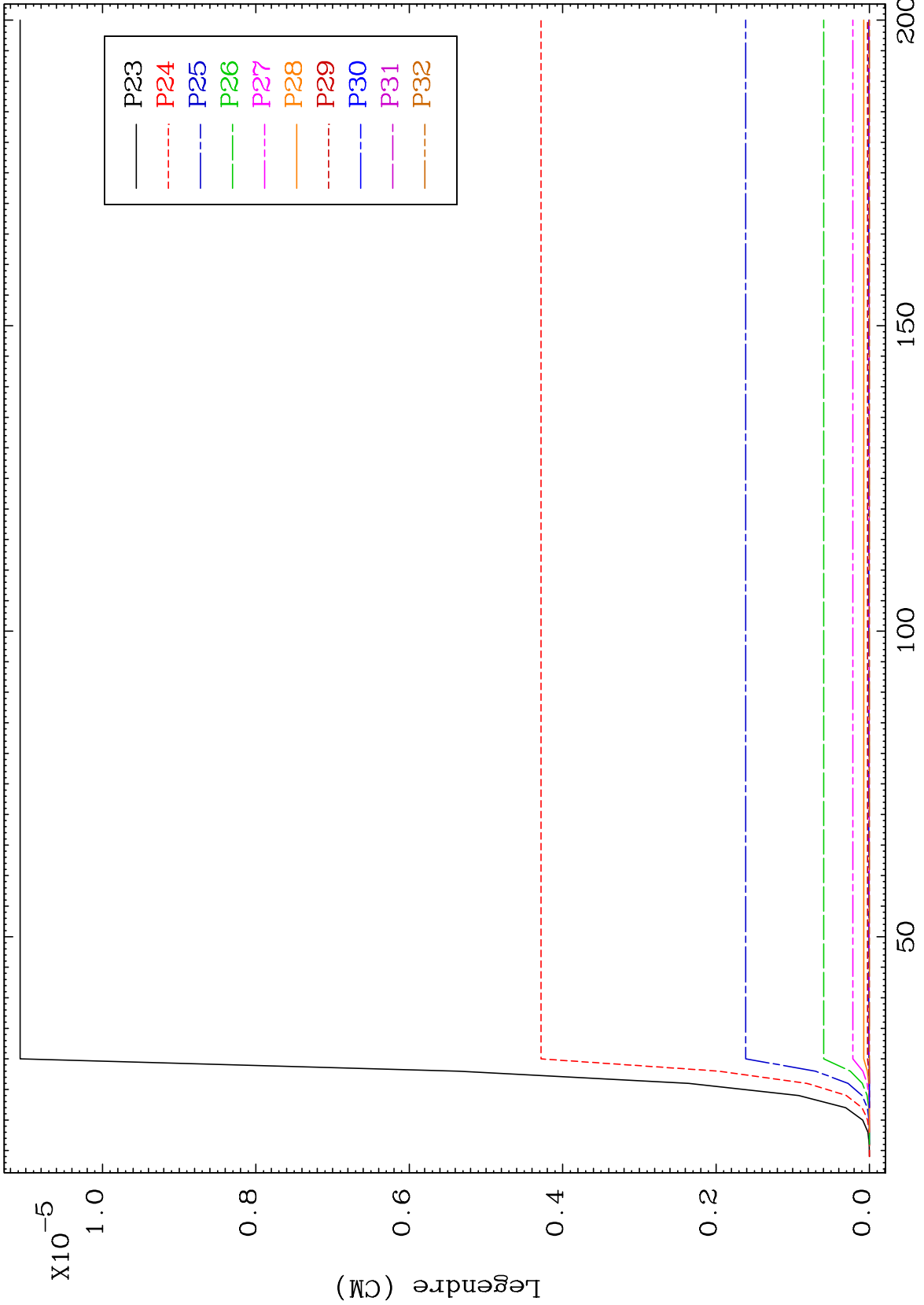
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



81

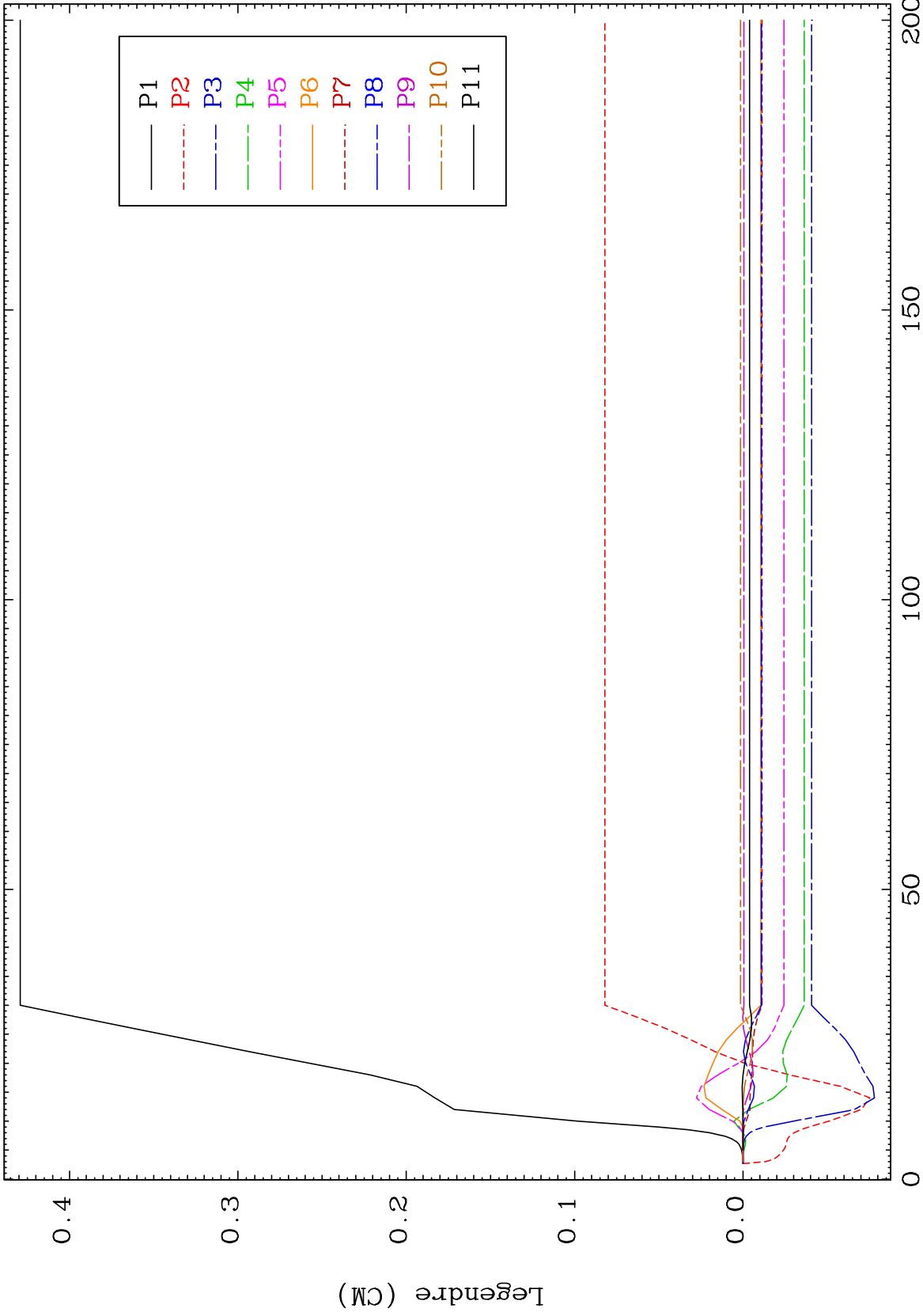
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73

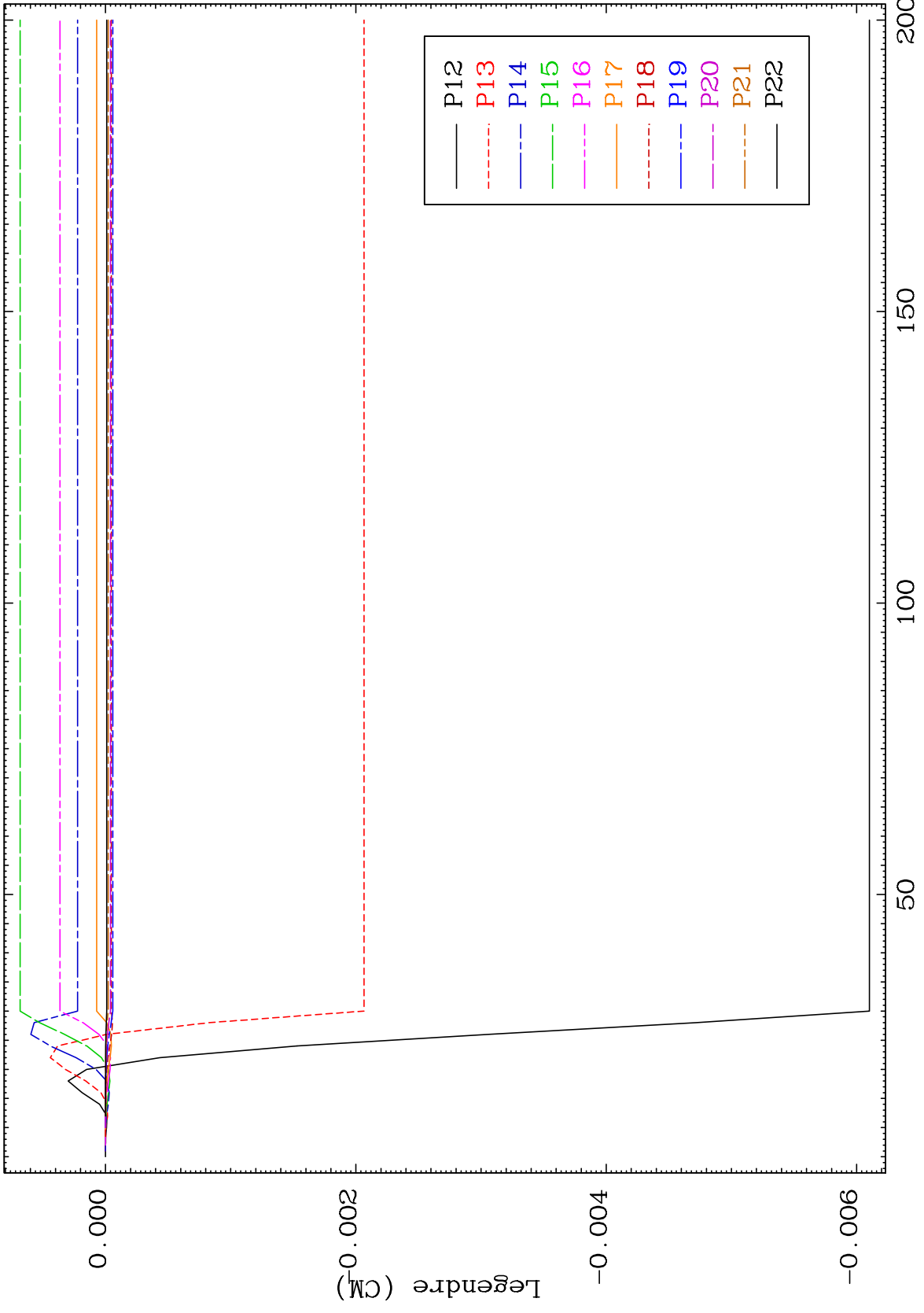


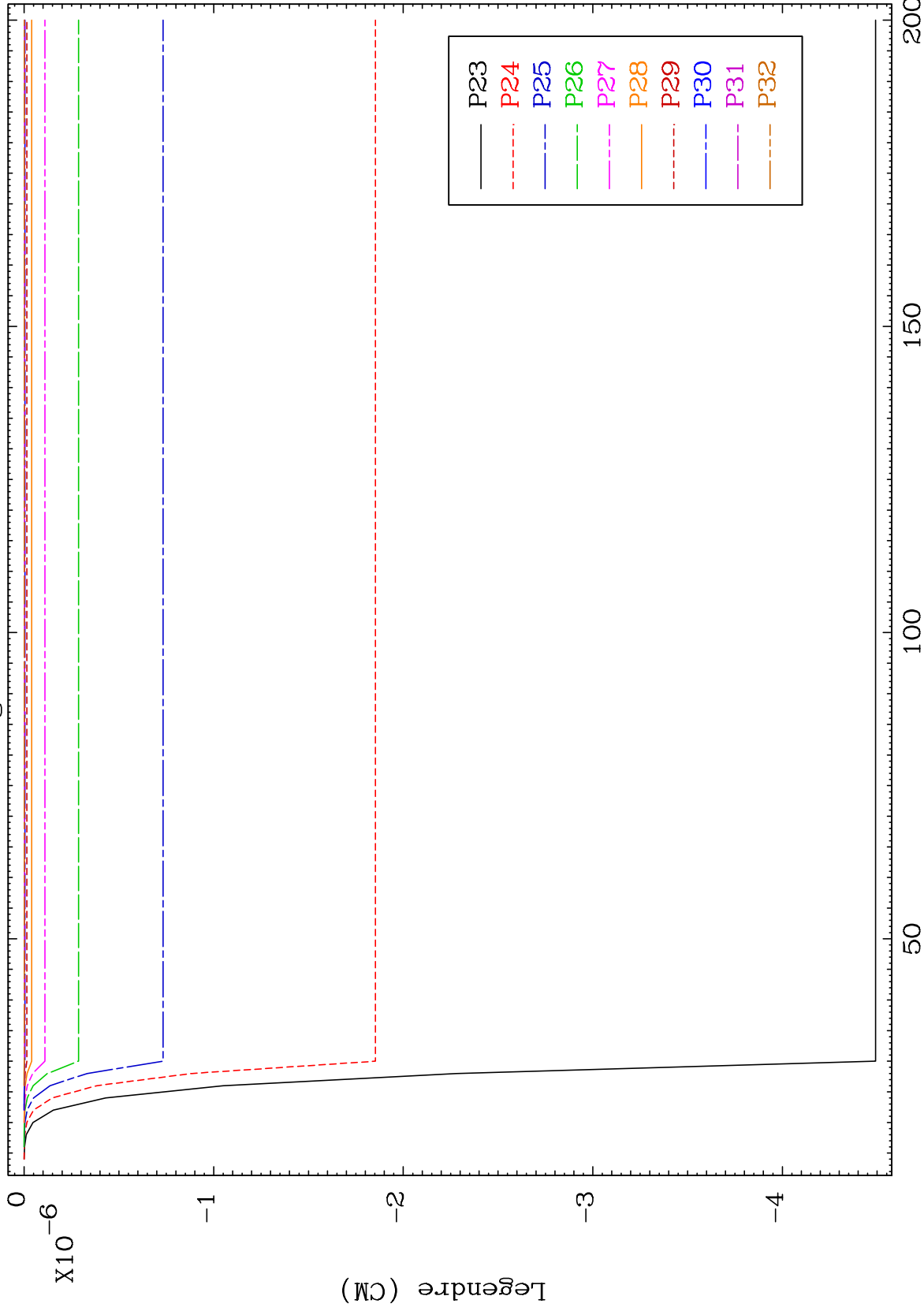
82

Incident Energy (MeV)

29-Cu-73

MAT 2955 MT= 71 (n,n') Level Legendre Coefficients 29-Cu-73

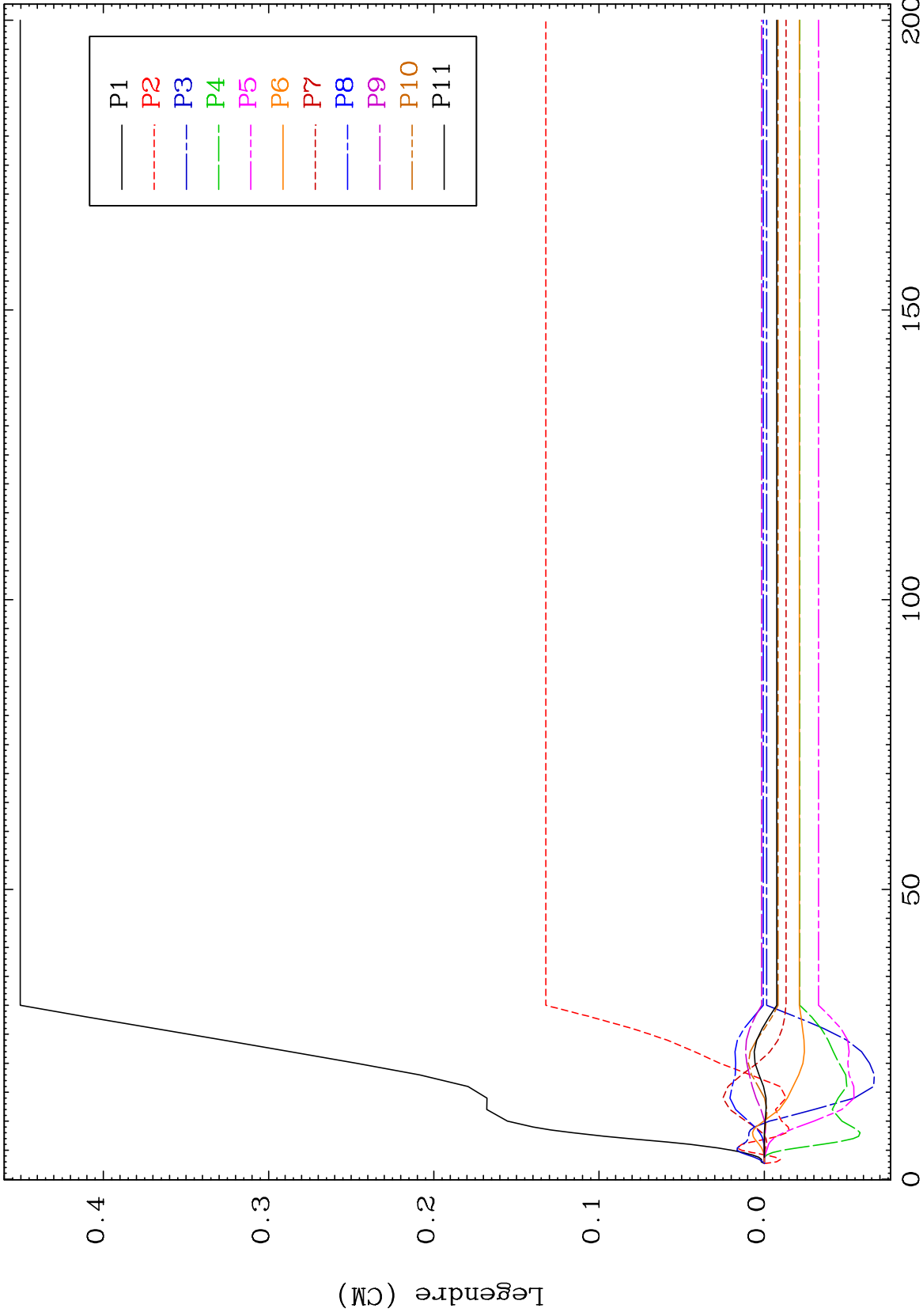




MAT 2955

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

29-Cu-73



85

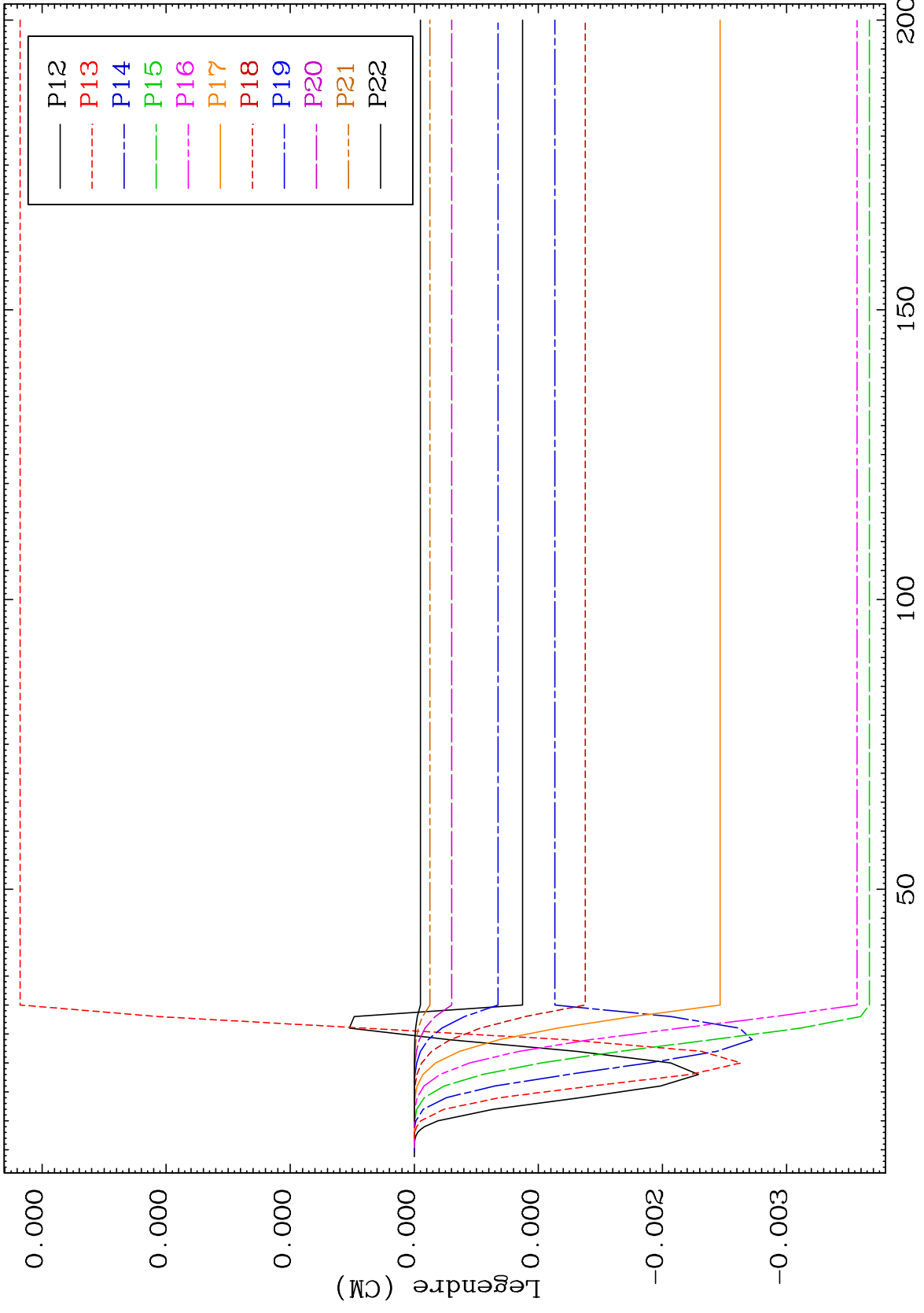
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73

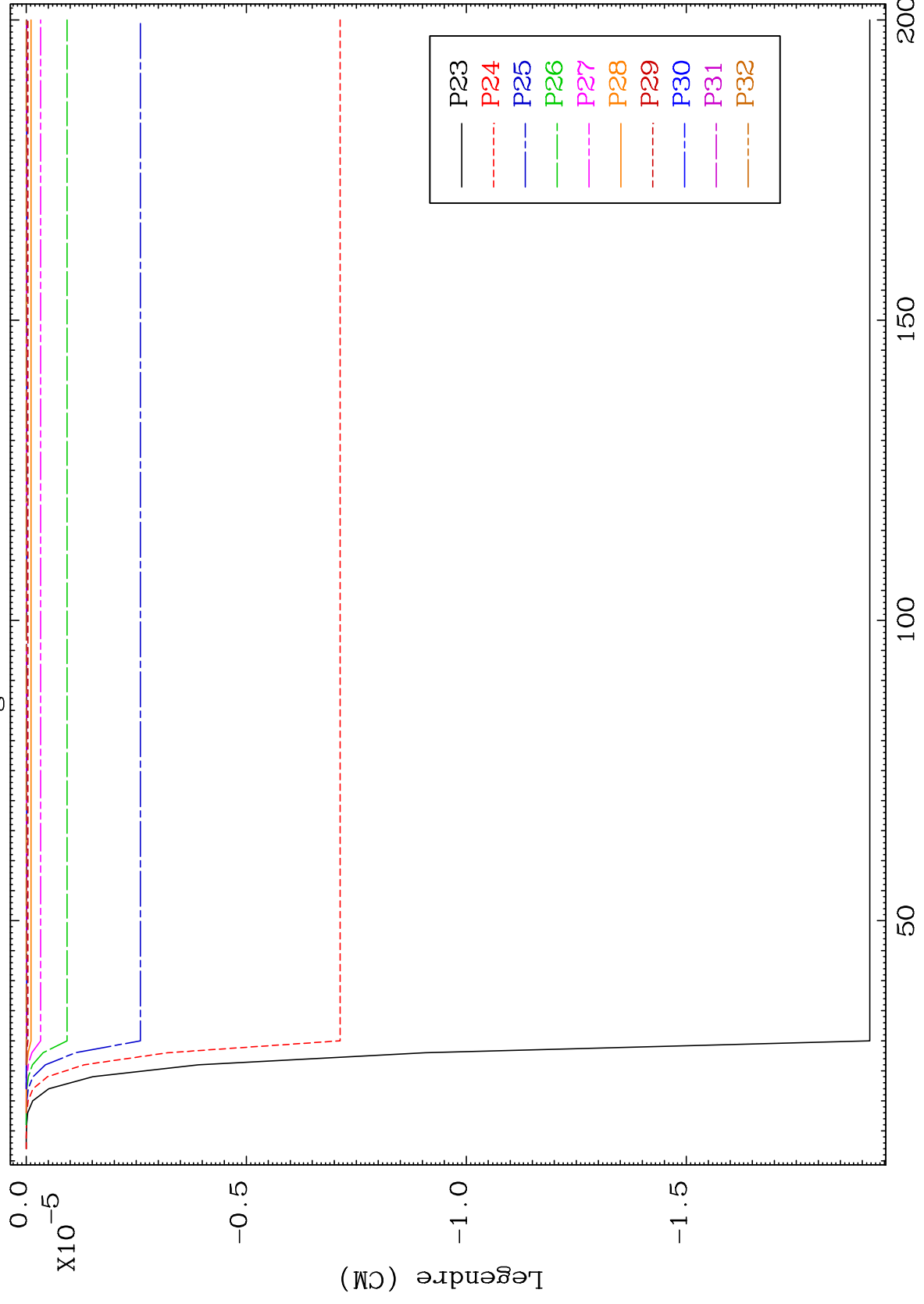


86

Incident Energy (MeV)

29-Cu-73

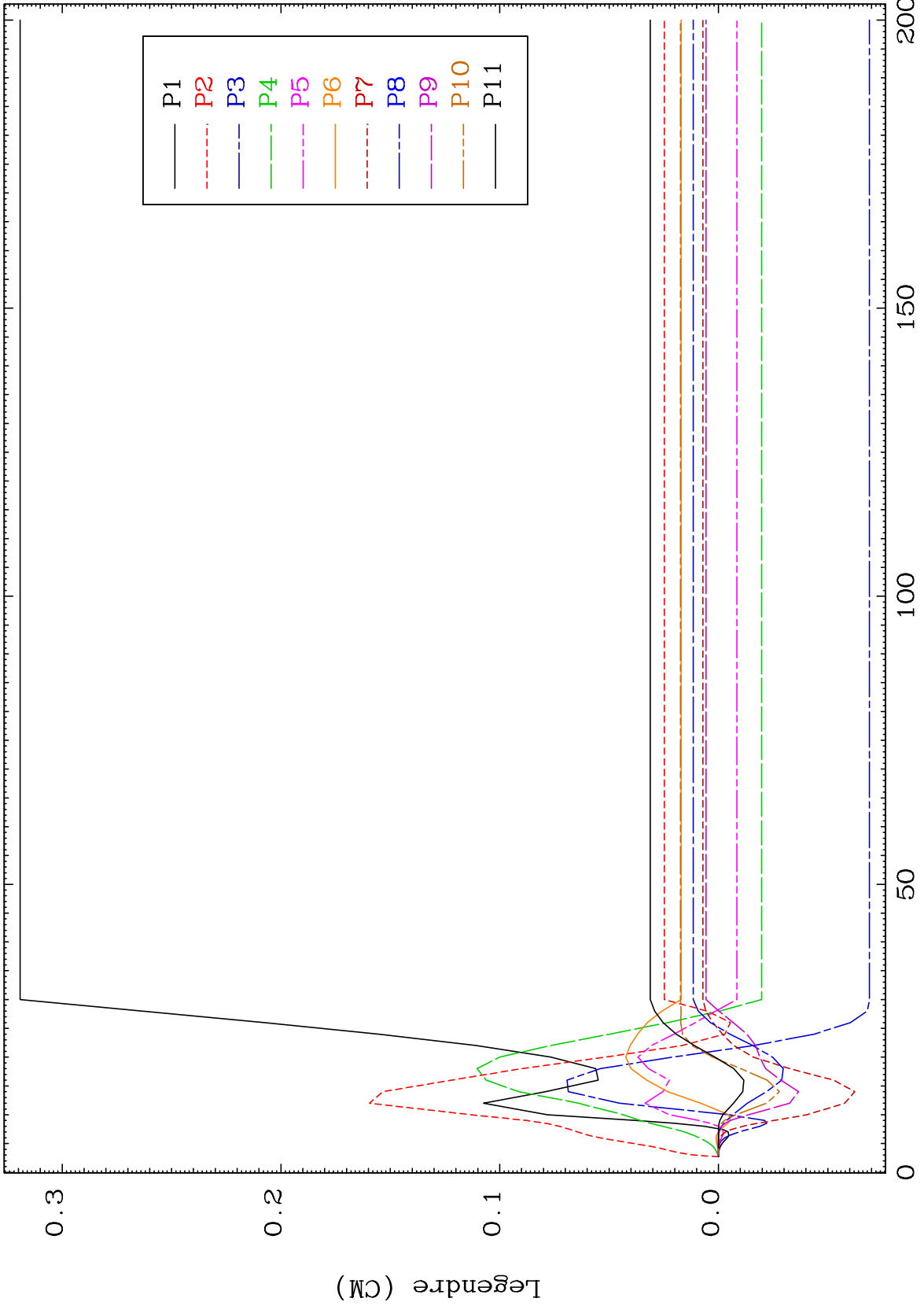
MAT 2955 MT= 72 (n,n') Level Legendre Coefficients 29-Cu-73



MAT 2955

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

29-Cu-73



88

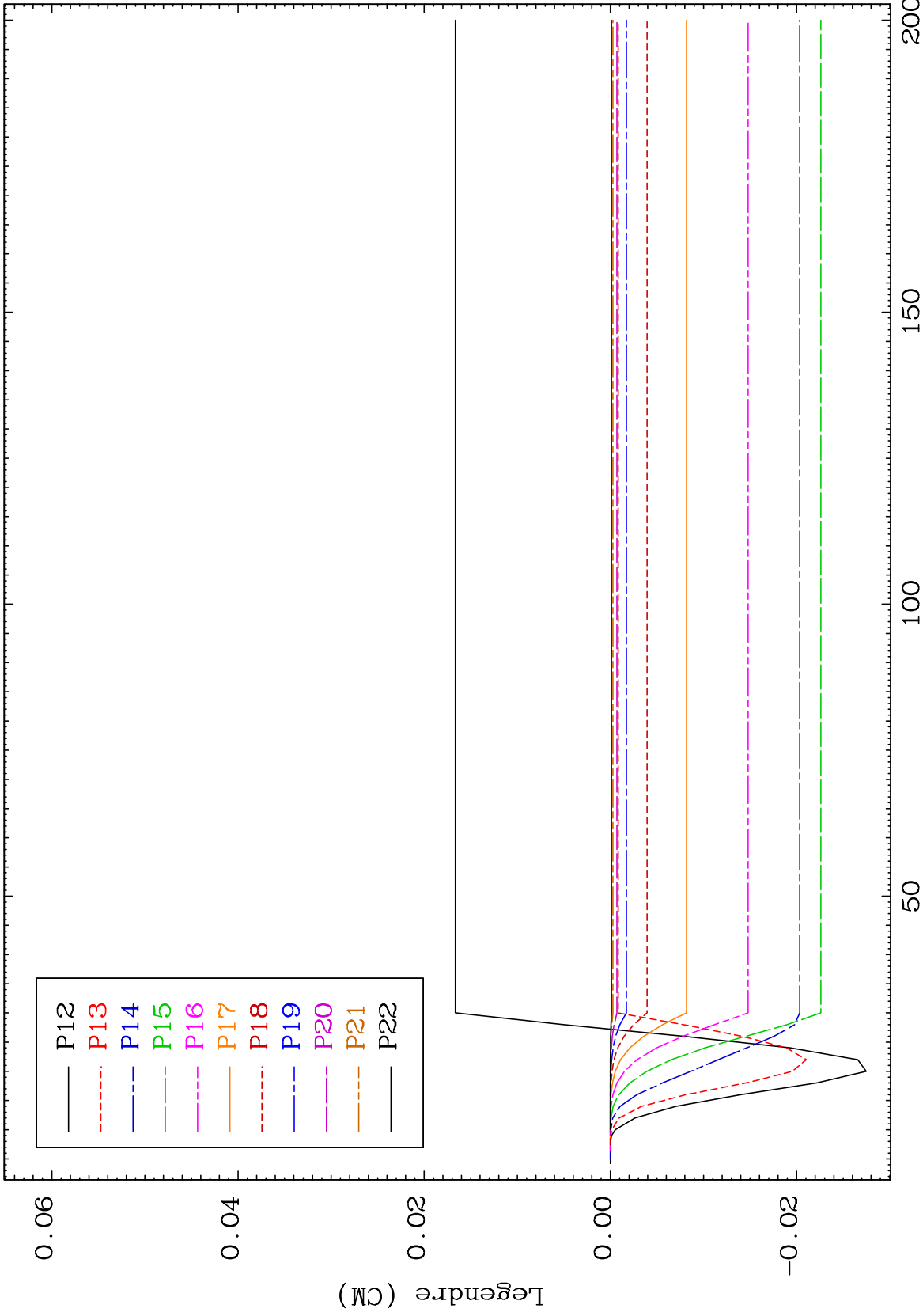
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73

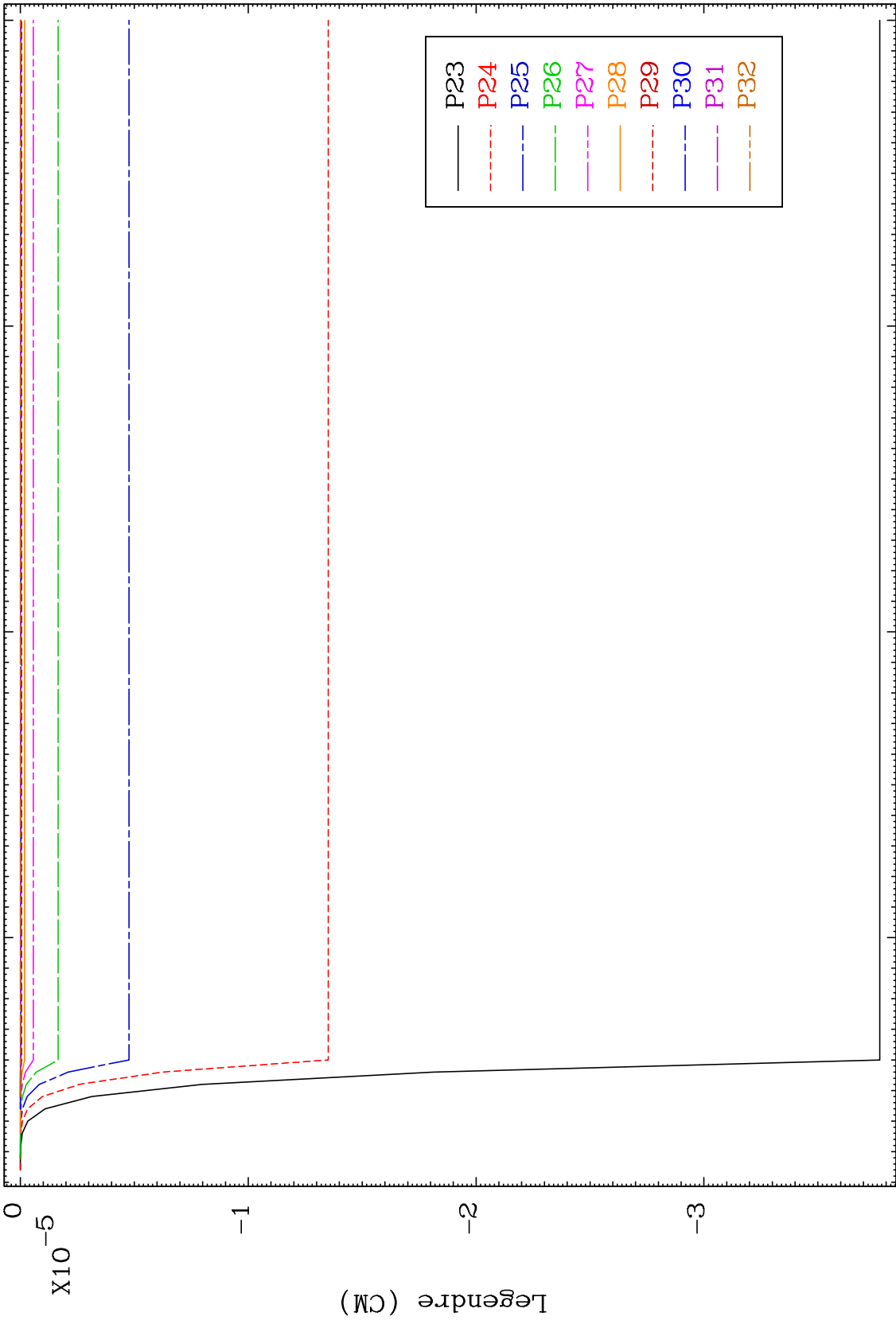


89

Incident Energy (MeV)

29-Cu-73

MAT 2955 MT= 73 (n,n') Level Legendre Coefficients 29-Cu-73

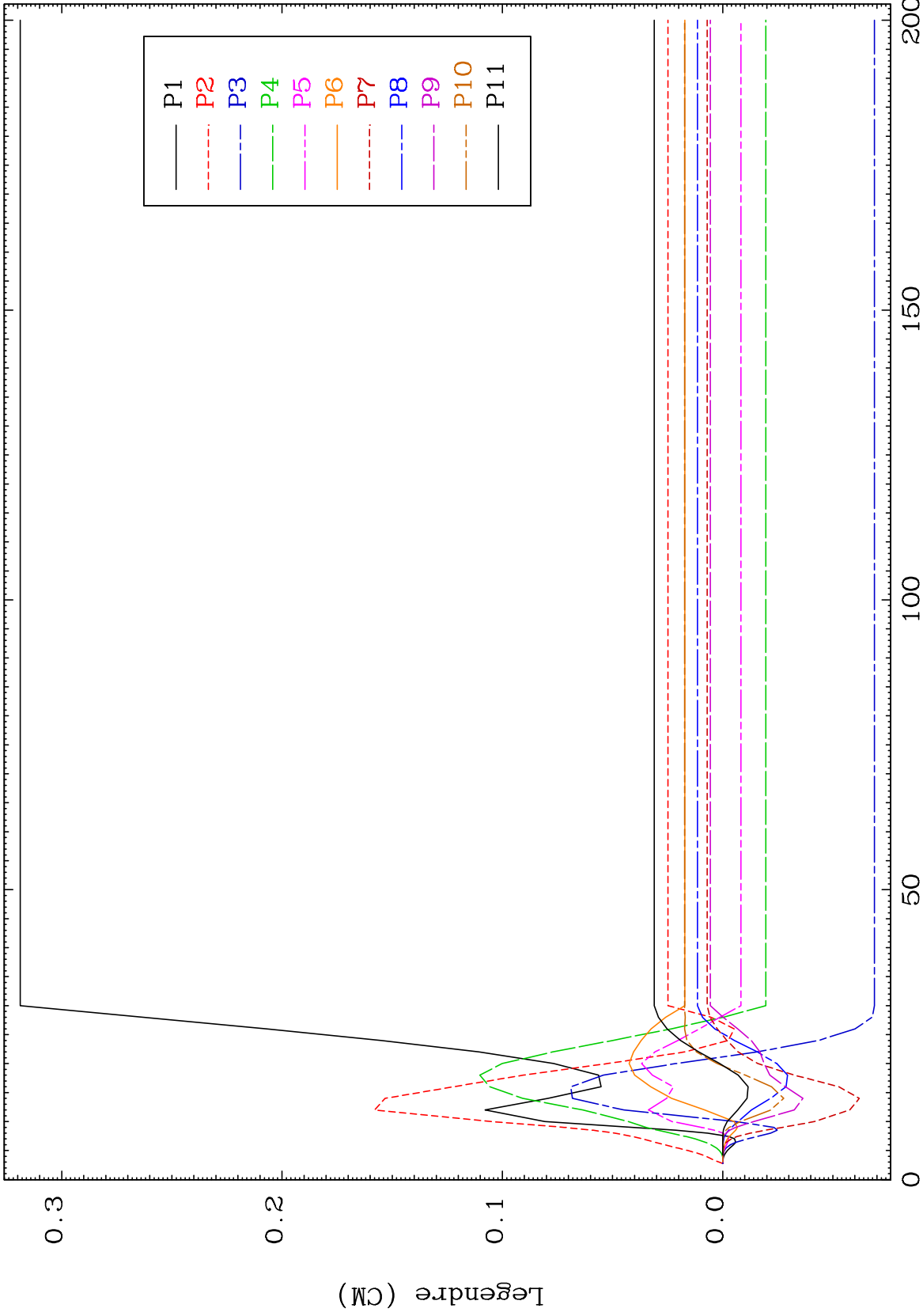


90 50 100 150 200 Incident Energy (MeV) 29-Cu-73

MAT 2955

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

29-Cu-73



91

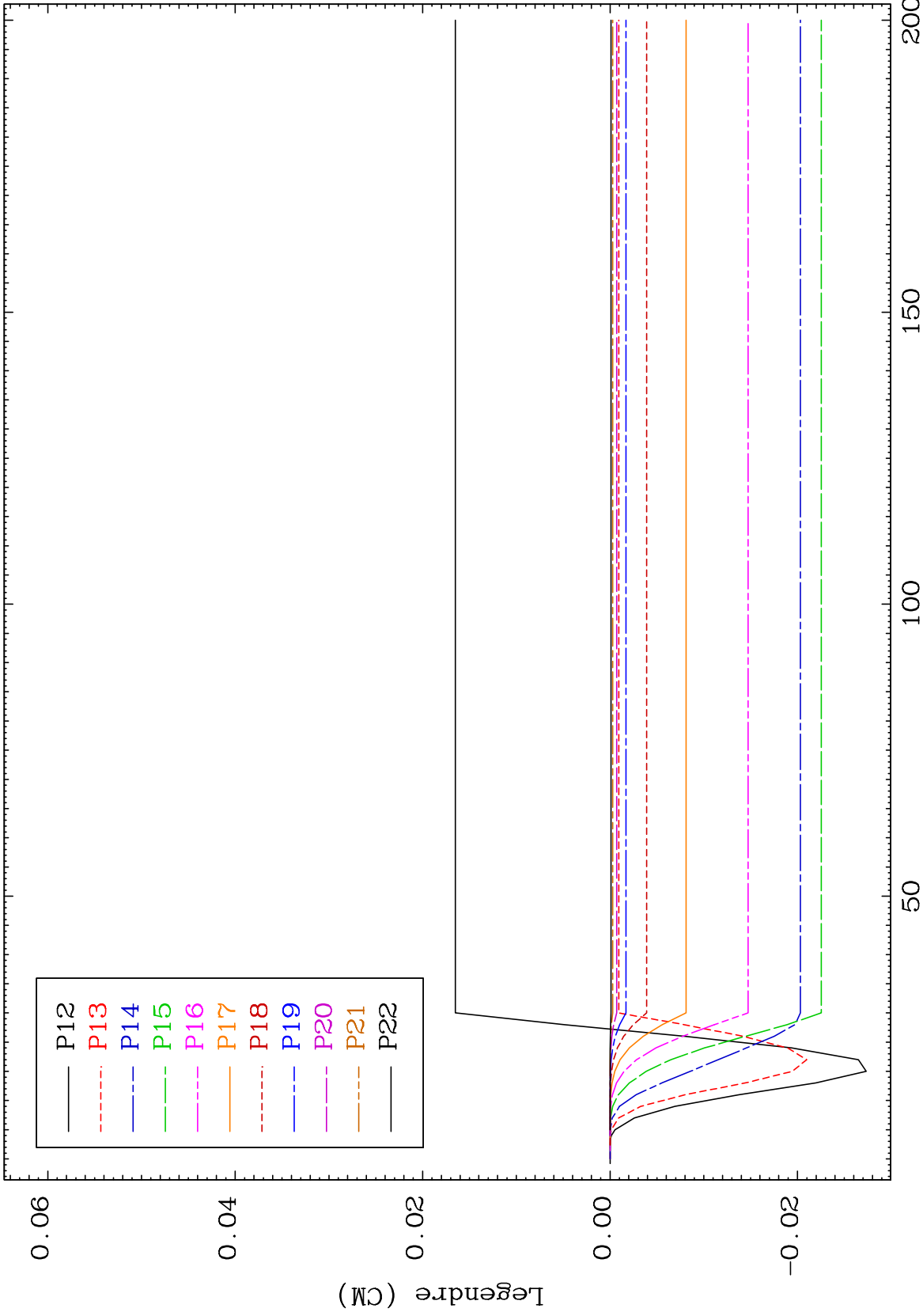
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



92

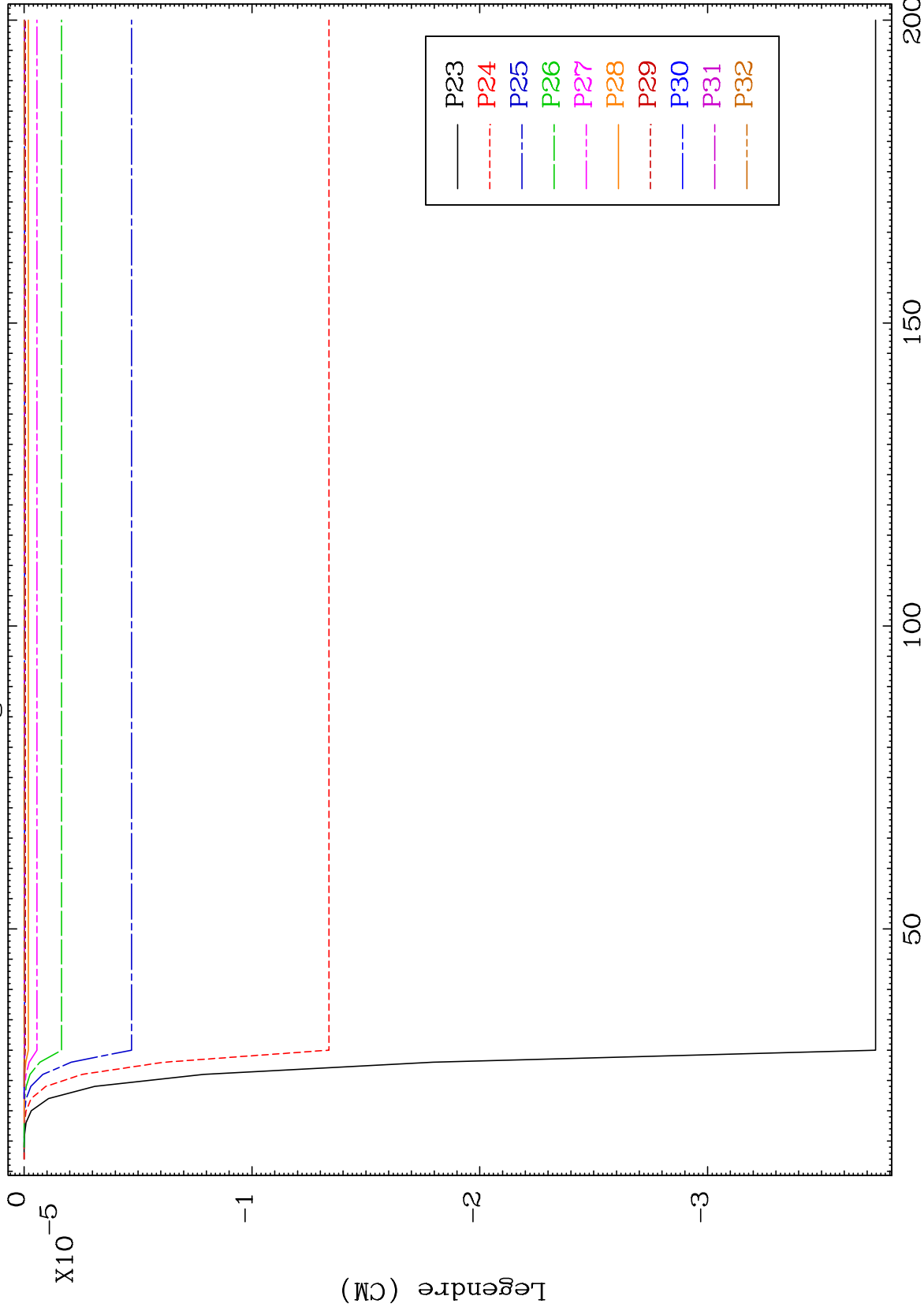
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



93

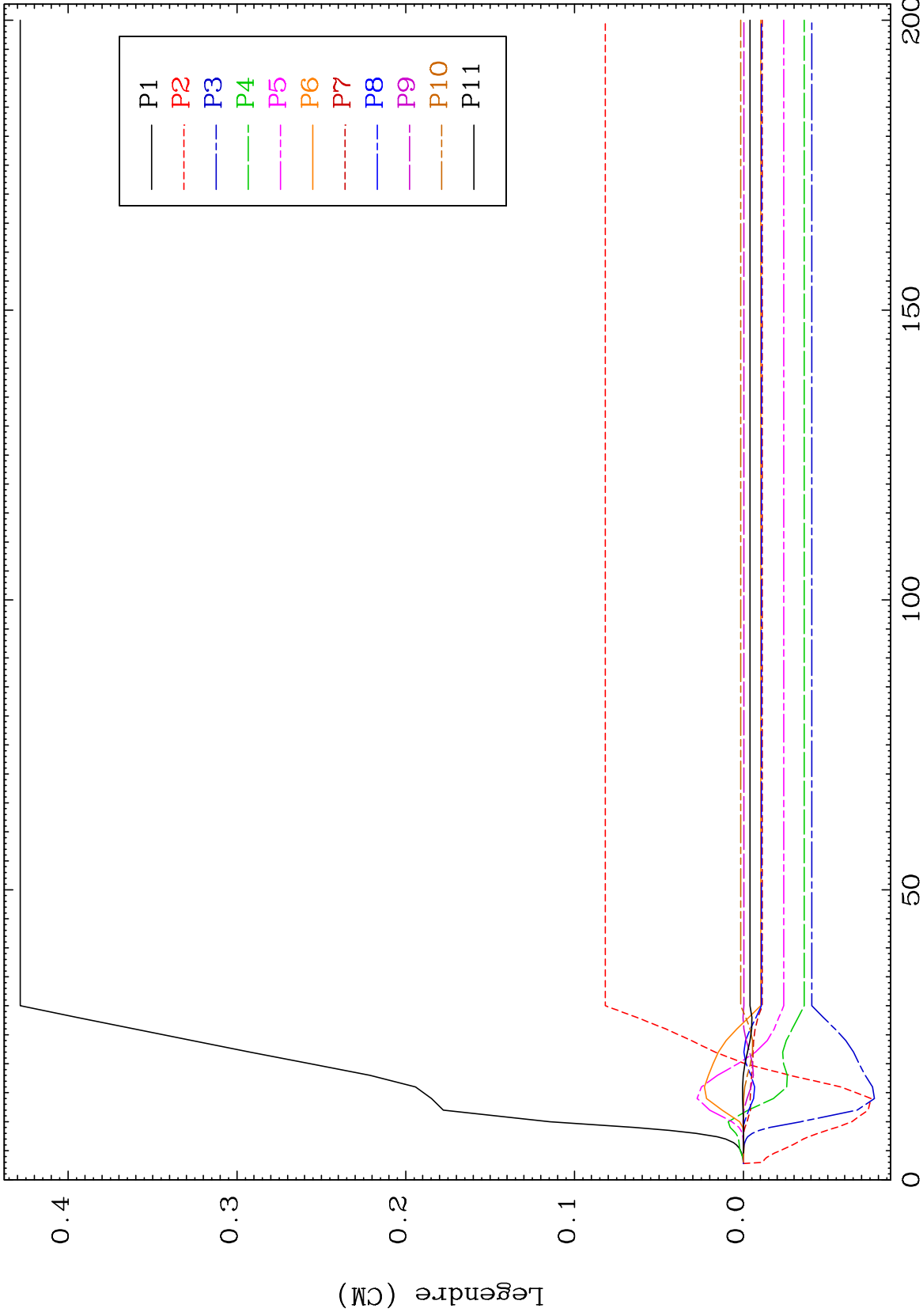
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73

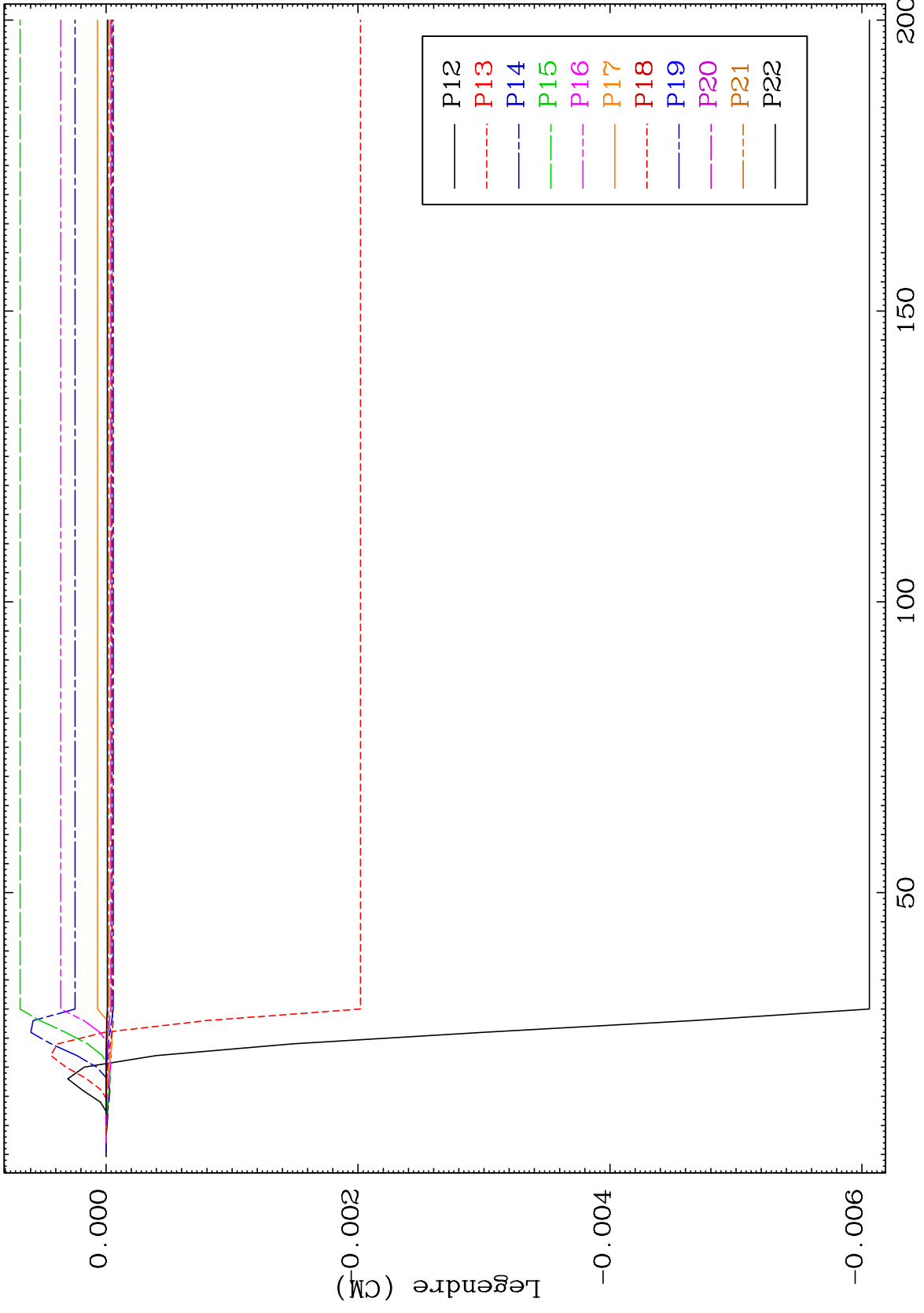


94

Incident Energy (MeV)

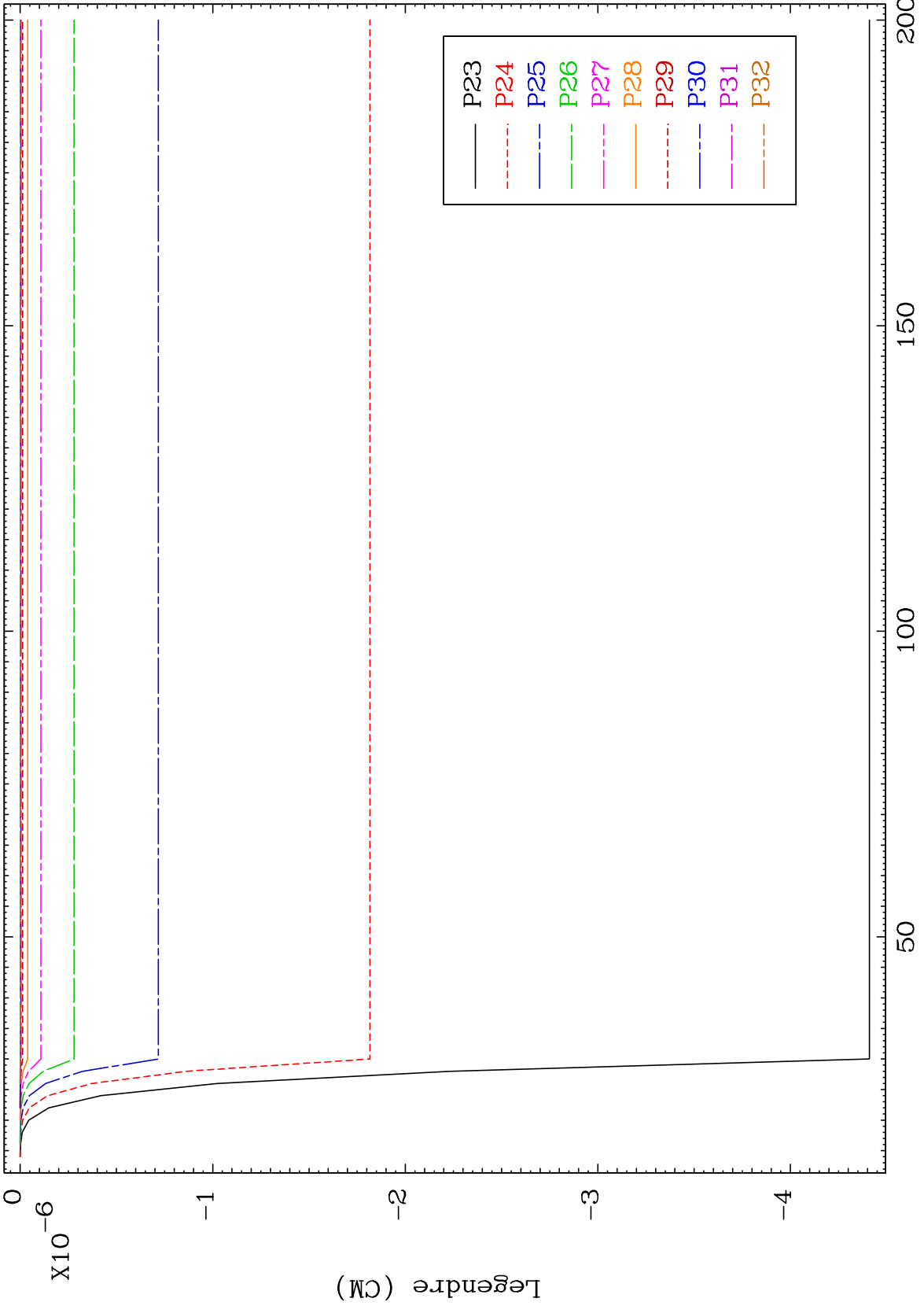
29-Cu-73

MAT 2955 MT= 75 (n,n') Level Legendre Coefficients 29-Cu-73



95 Incident Energy (MeV) 29-Cu-73

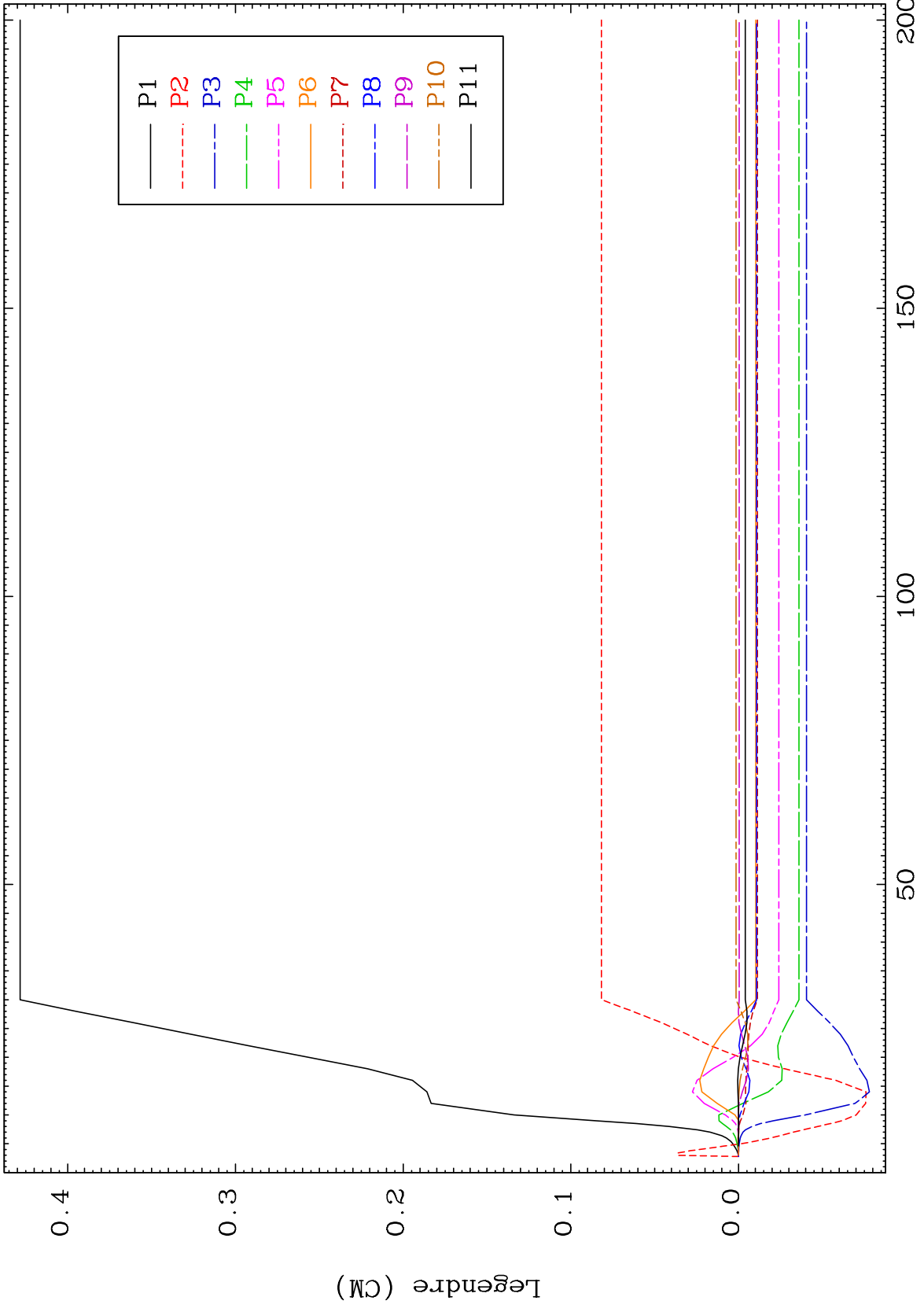
MAT 2955 MT= 75 (n,n') Level Legendre Coefficients 29-Cu-73



MAT 2955

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

29-Cu-73



97

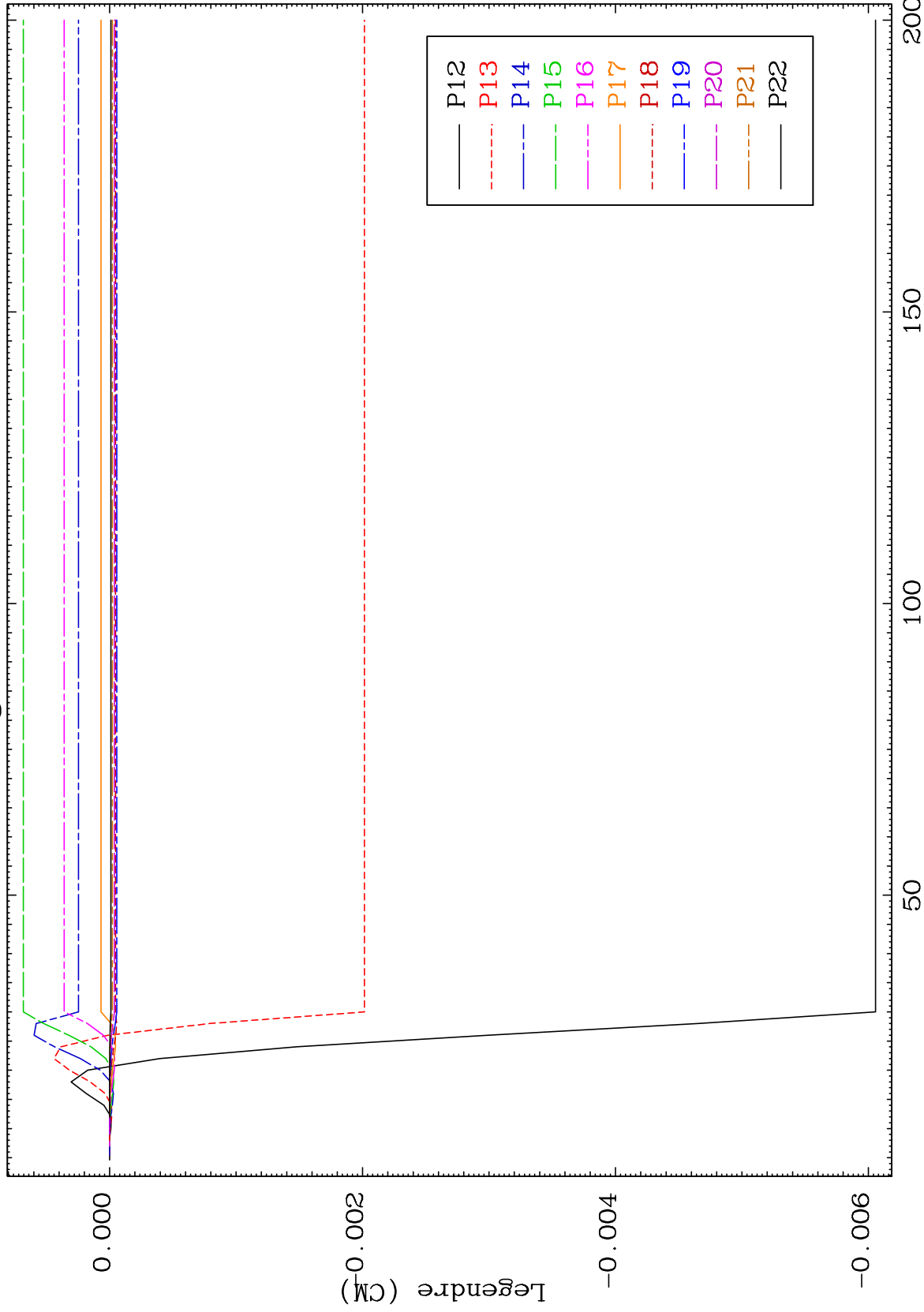
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73

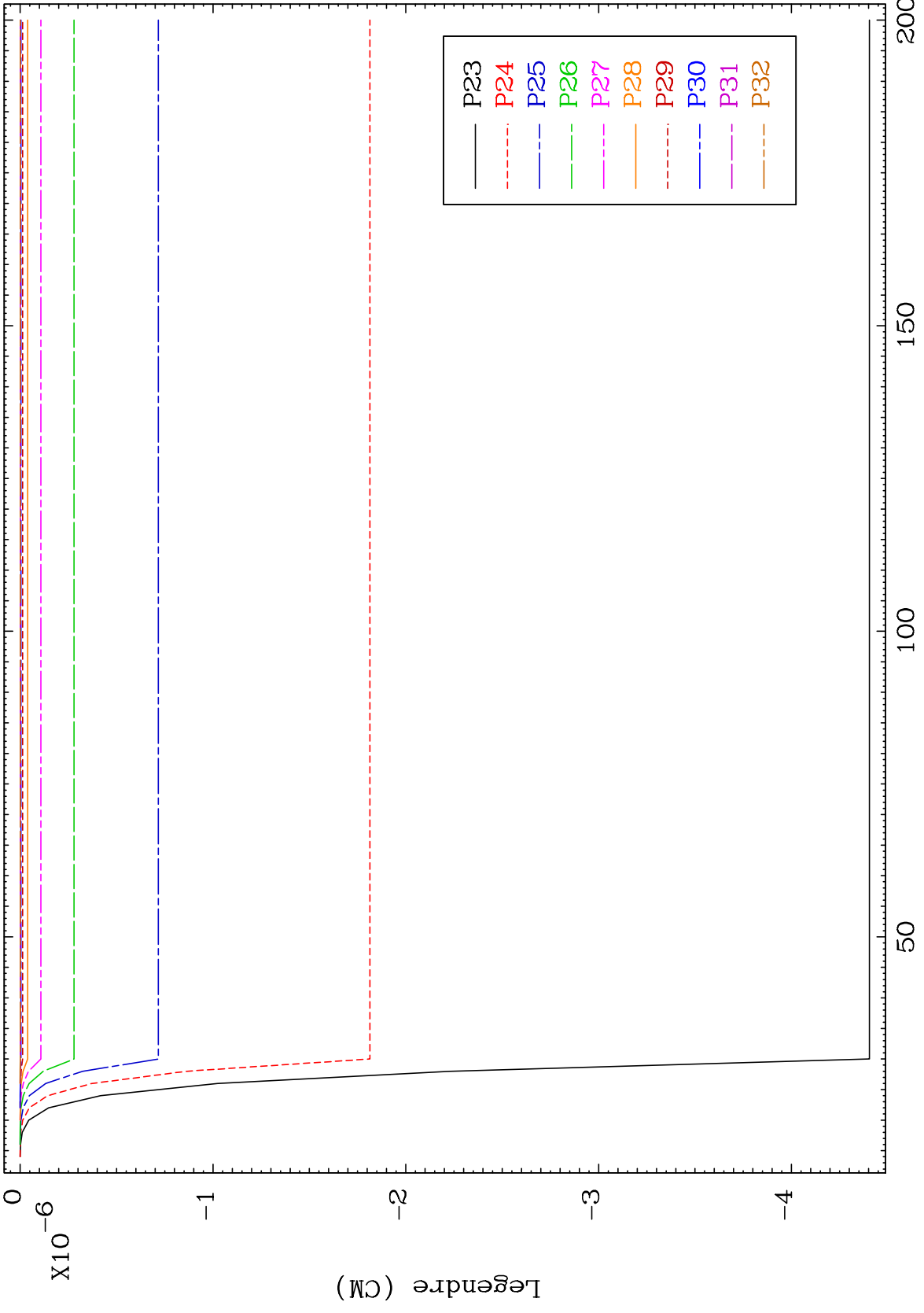


98

Incident Energy (MeV)

29-Cu-73

MAT 2955 MT= 76 (n,n') Level Legendre Coefficients 29-Cu-73

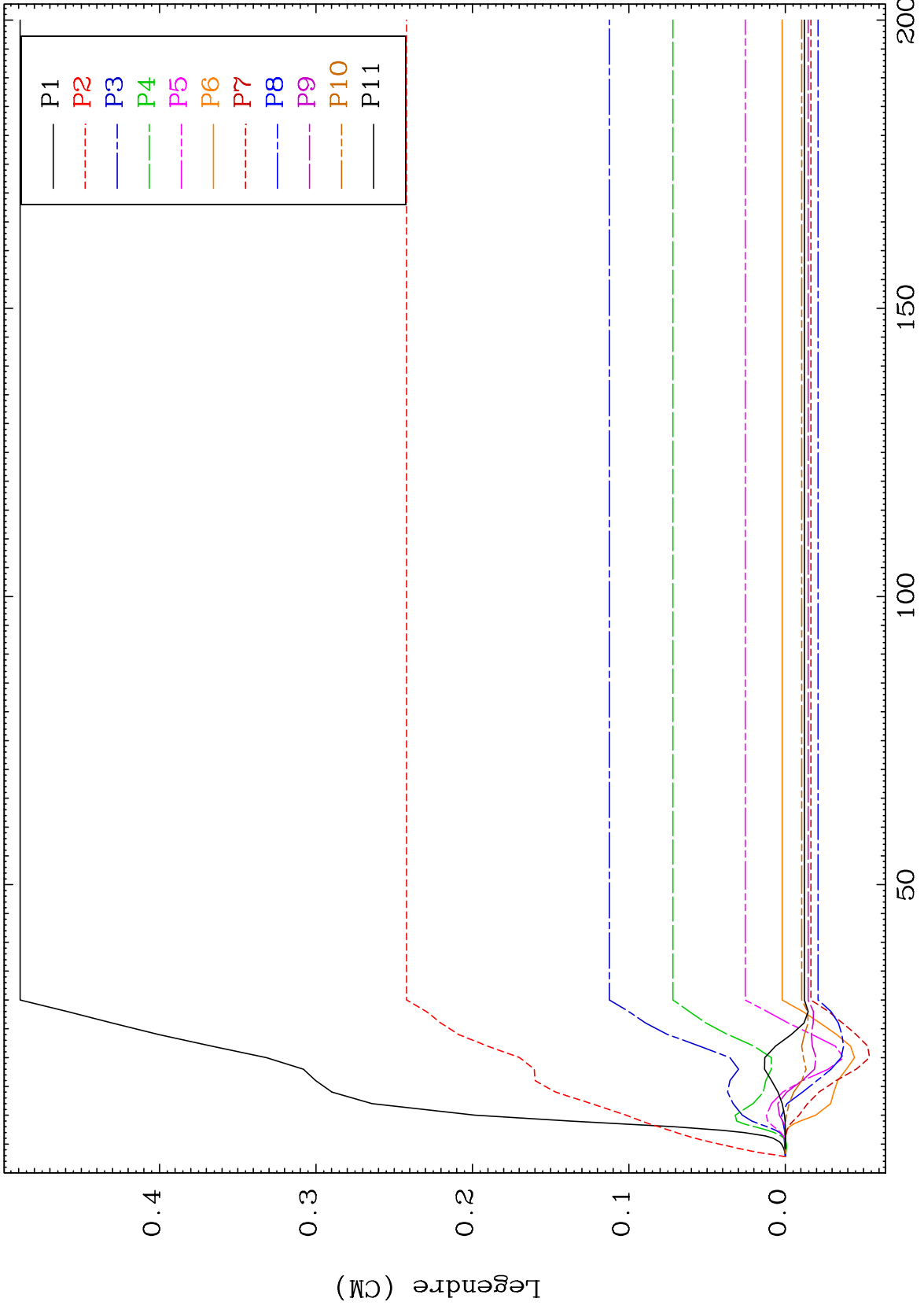


99 Incident Energy (MeV) 29-Cu-73

MAT 2955

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

29-Cu-73



29-Cu-73

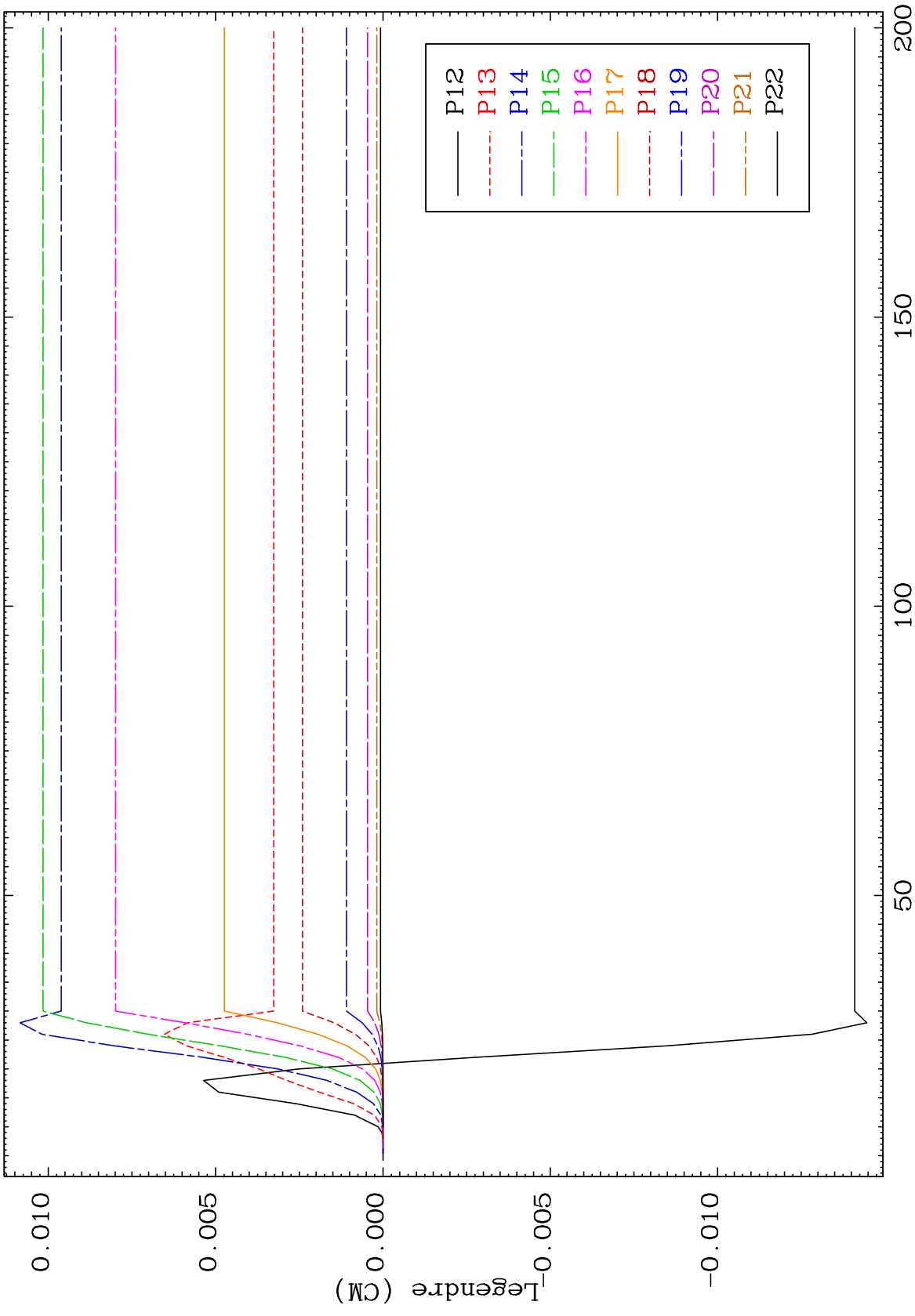
Incident Energy (MeV)

Legendre (CM)

MAT 2955

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

29-Cu-73



101

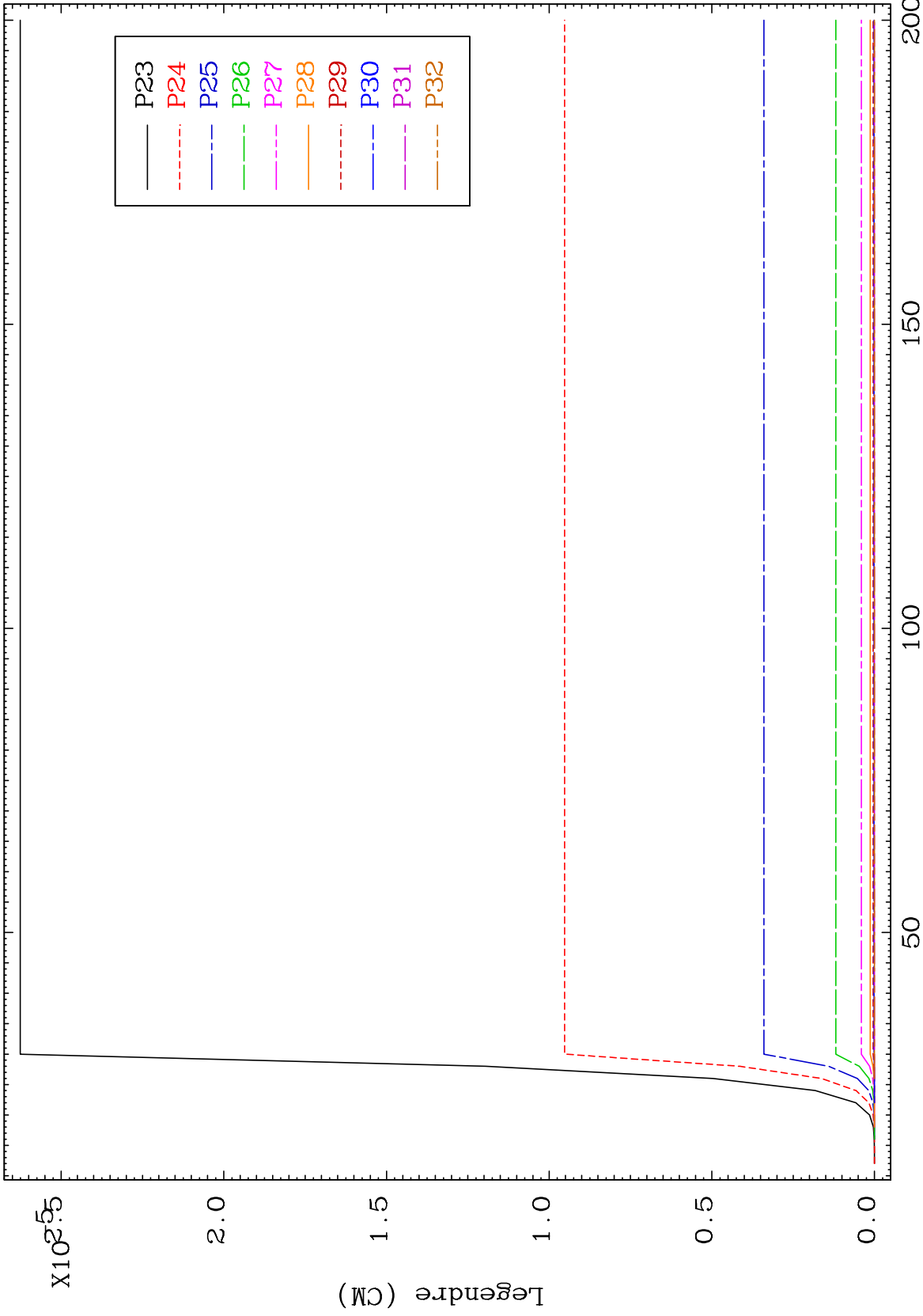
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



102

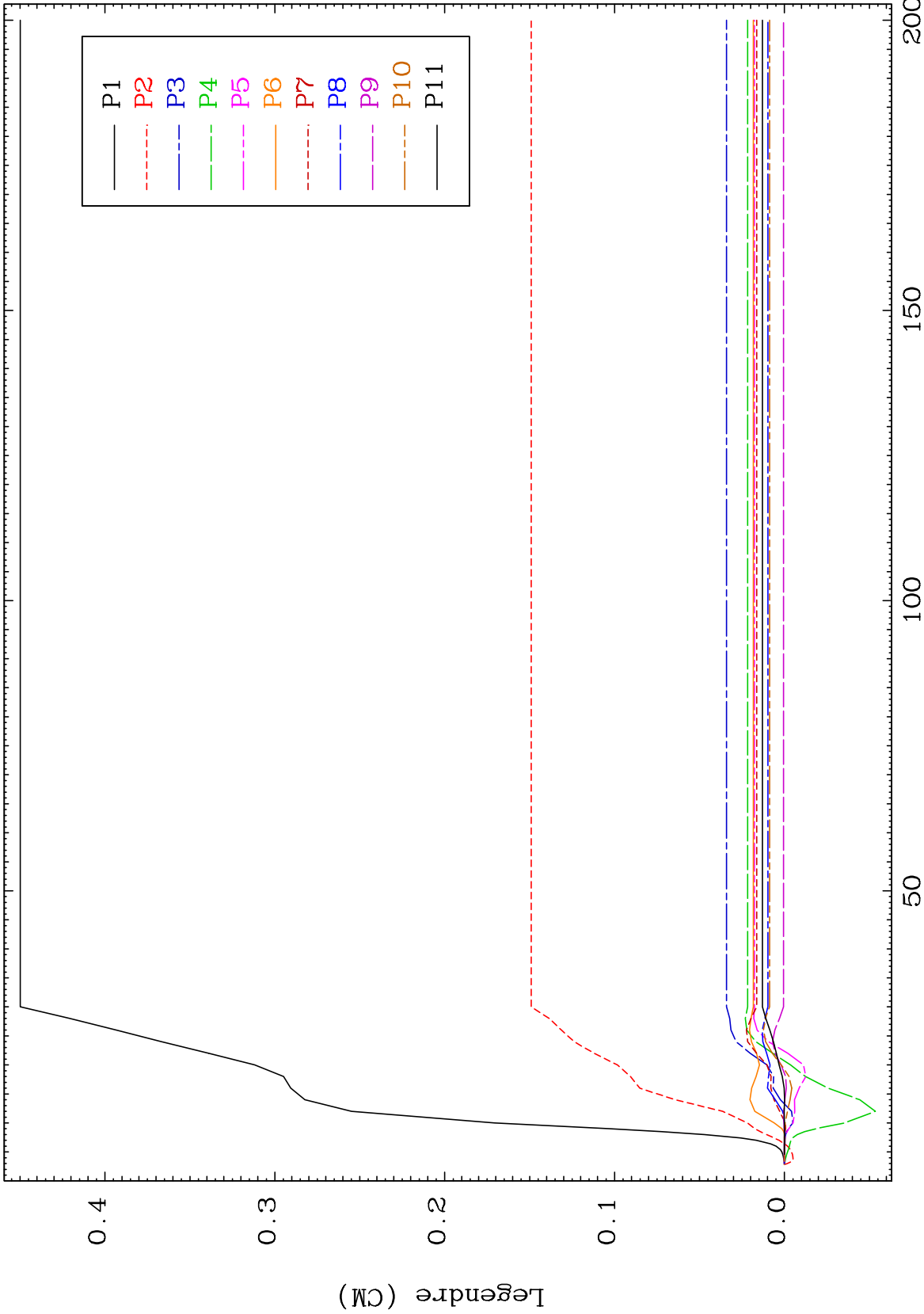
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



103

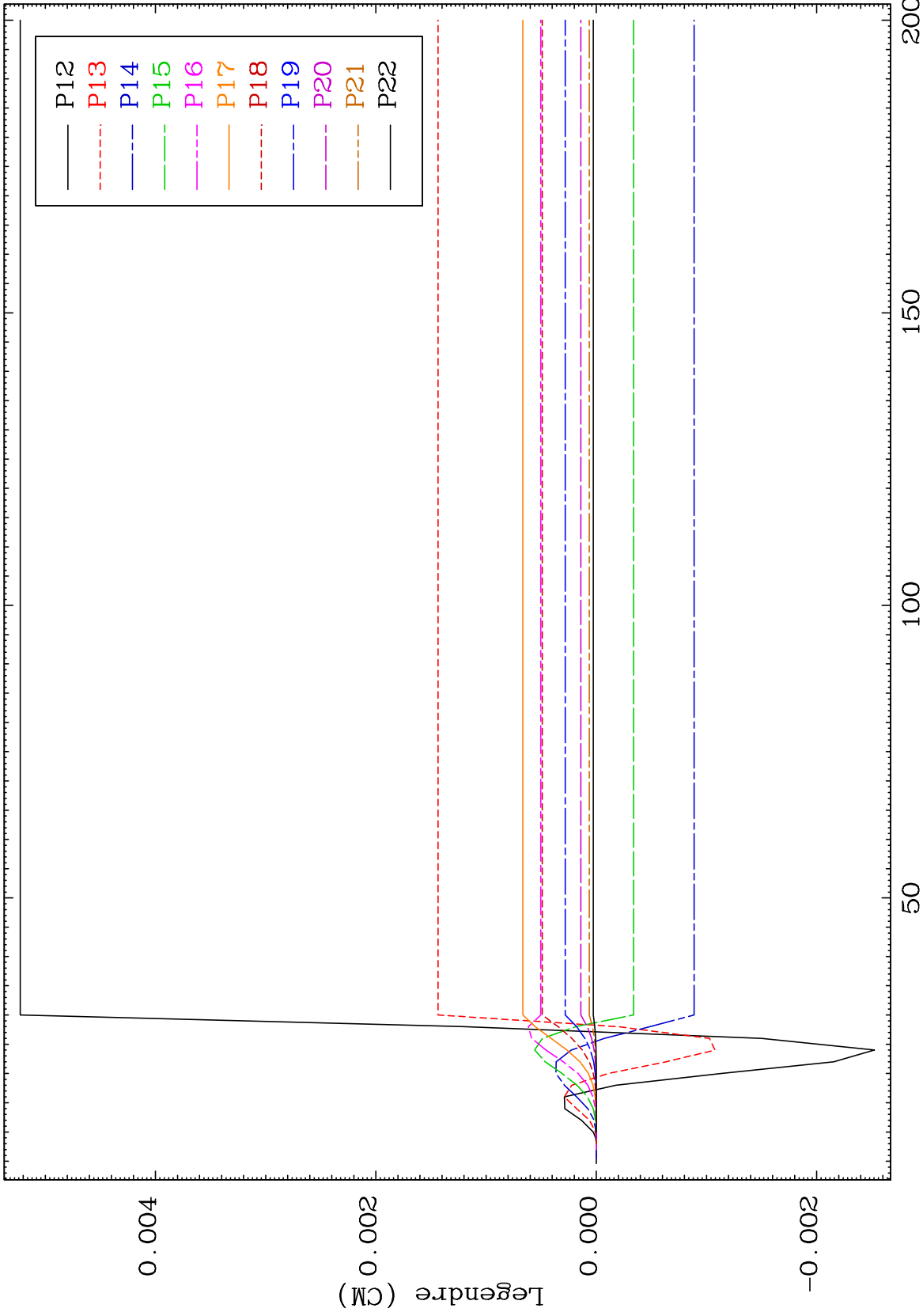
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



104

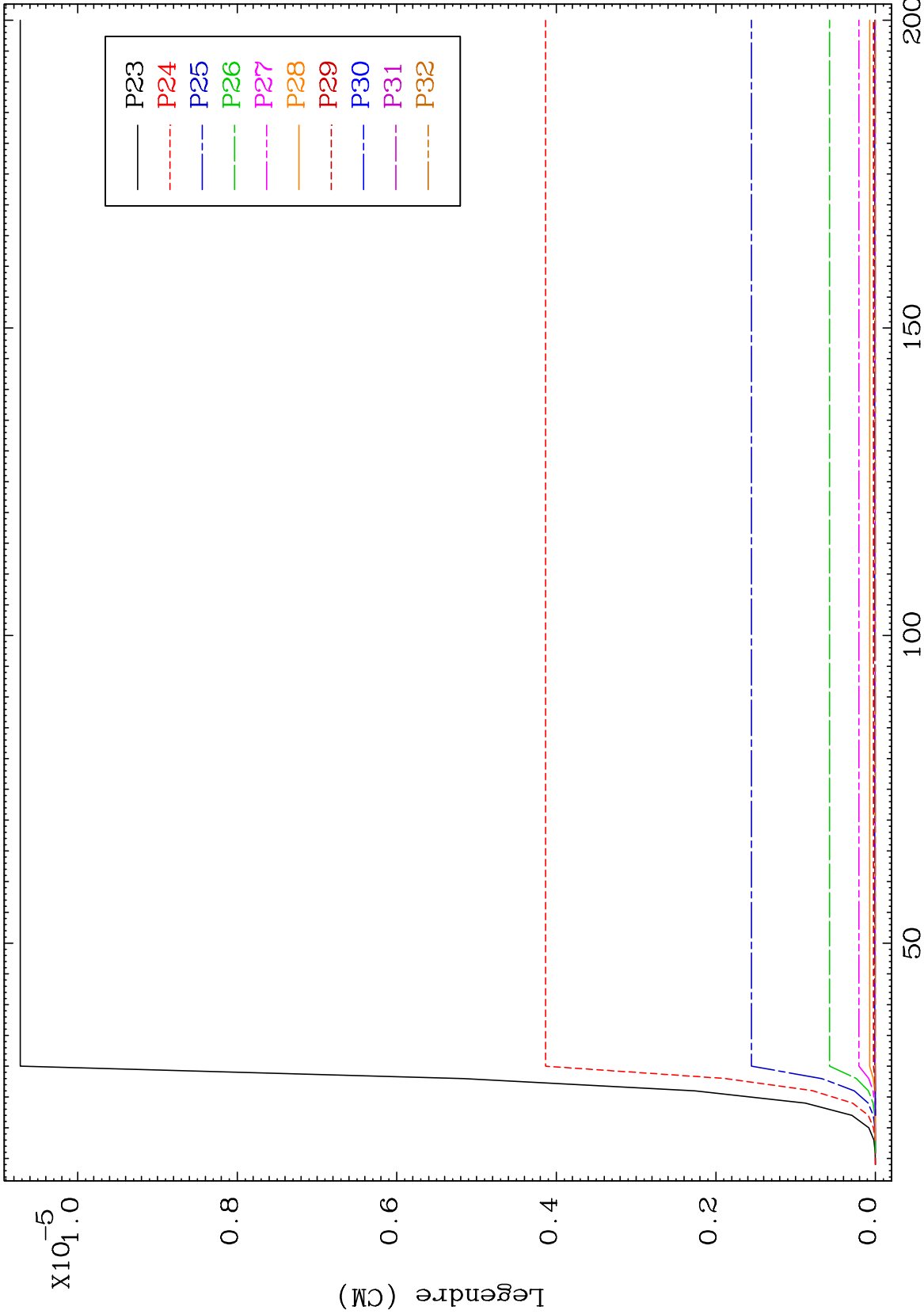
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73



105

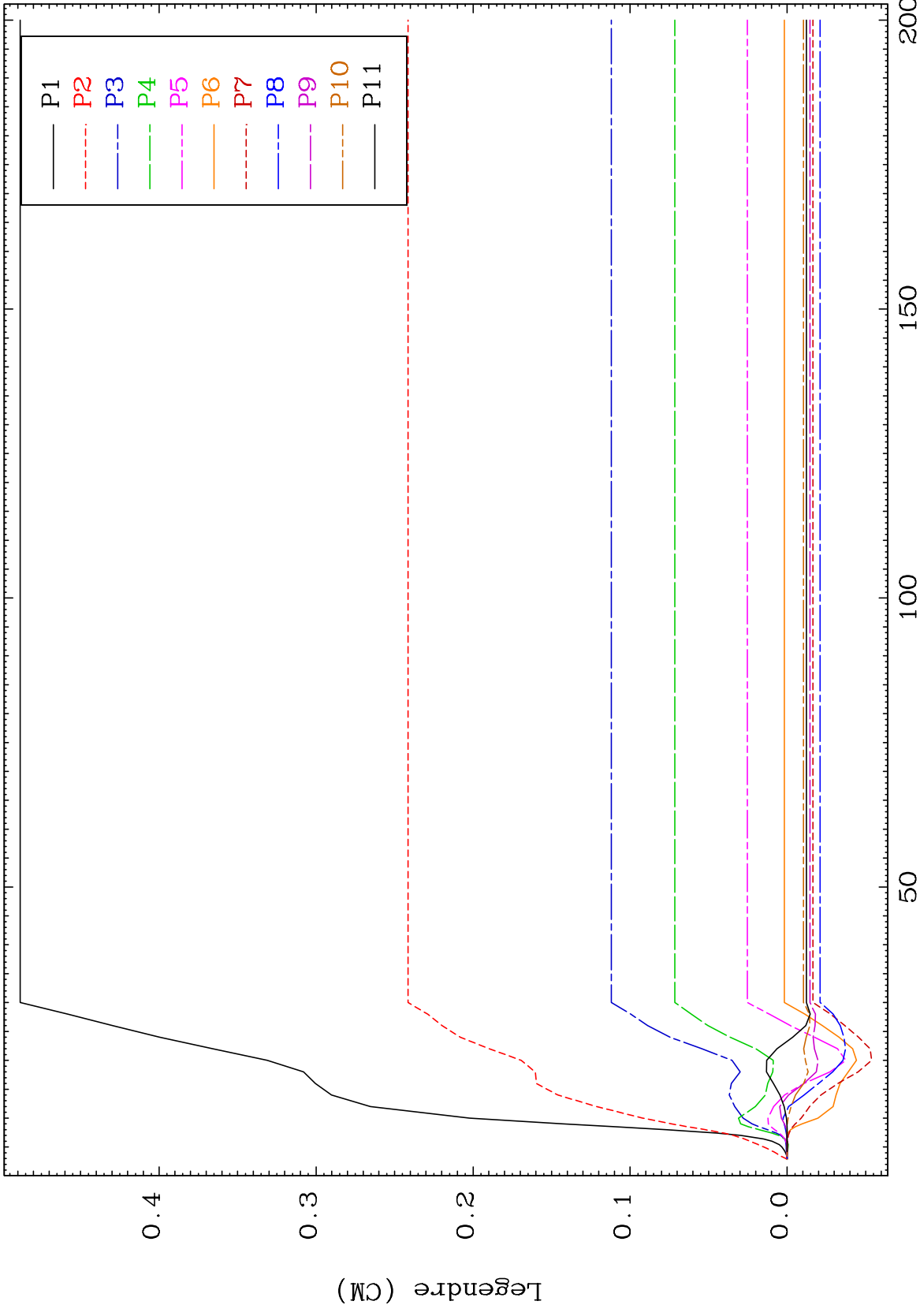
Incident Energy (MeV)

29-Cu-73

MAT 2955

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

29-Cu-73

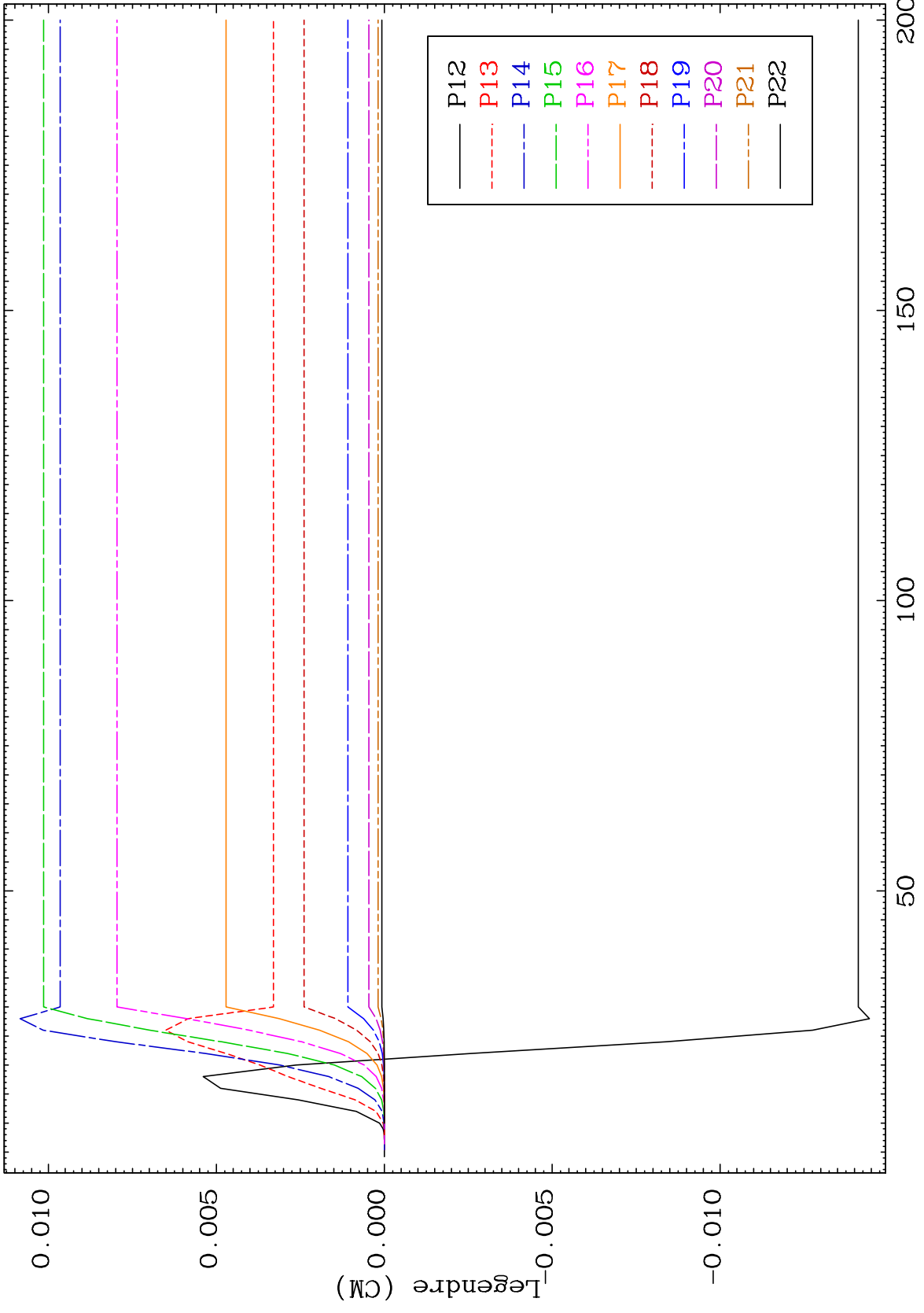


106

Incident Energy (MeV)

29-Cu-73

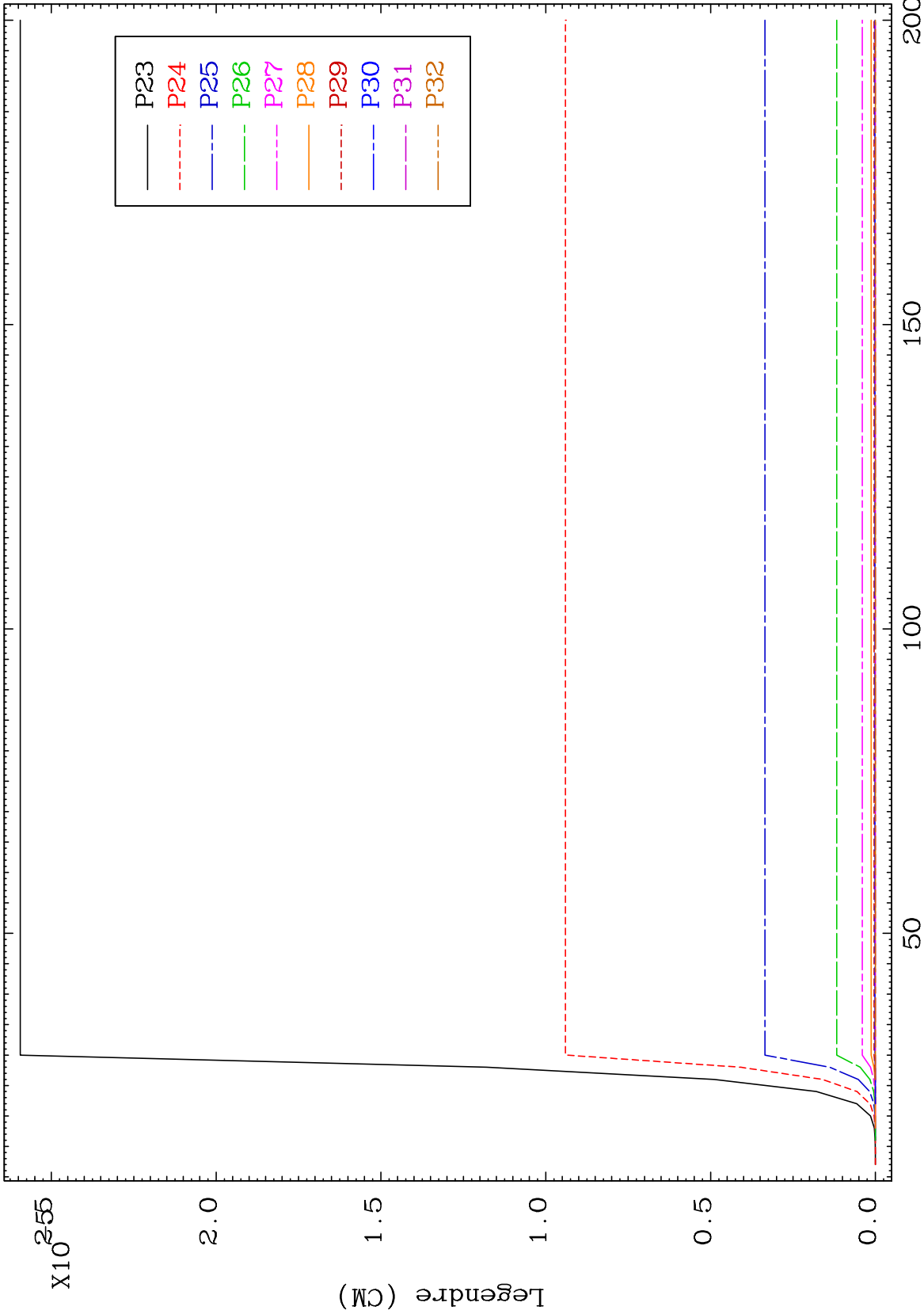
MAT 2955 MT= 79 (n,n') Level Legendre Coefficients 29-Cu-73



MAT 2955

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

29-Cu-73



108

Incident Energy (MeV)

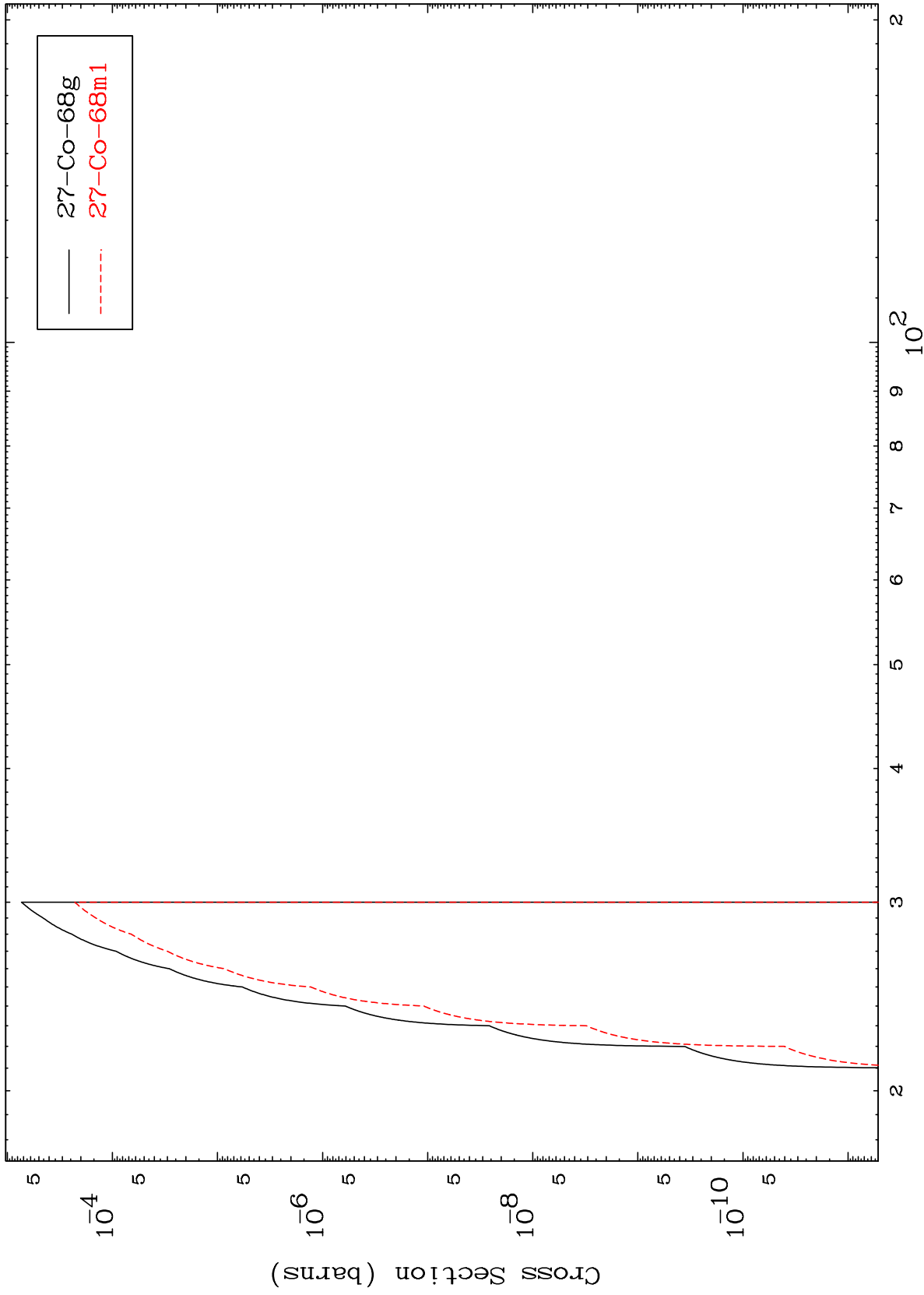
29-Cu-73

MAT 2955

$(n, 2n) \alpha$

$^{29}\text{Cu-73}$

Radionuclide Production Cross Section



109

Incident Energy (MeV)

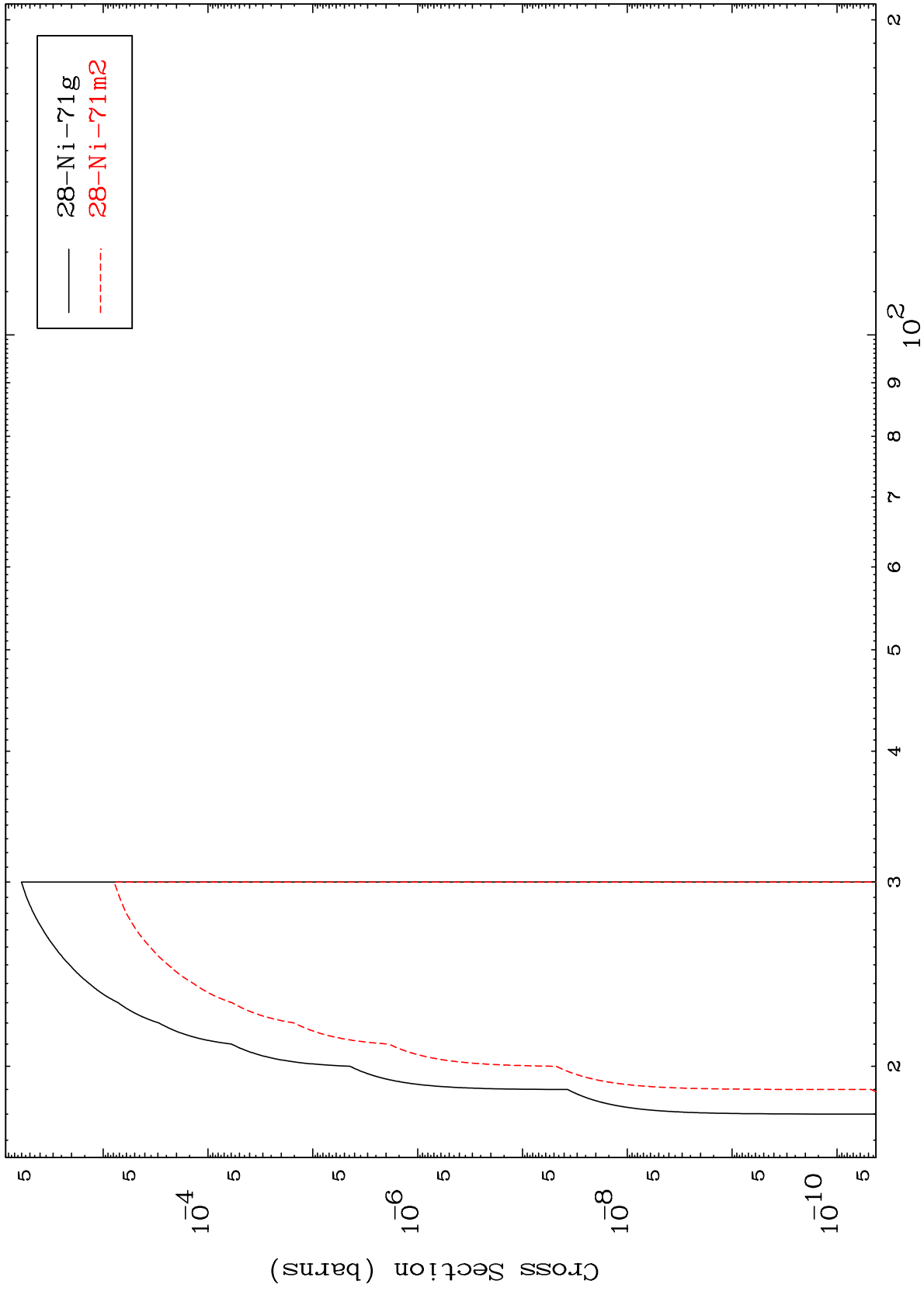
$^{29}\text{Cu-73}$

MAT 2955

(n,n') d

29-Cu-73

Radionuclide Production Cross Section



110

Incident Energy (MeV)

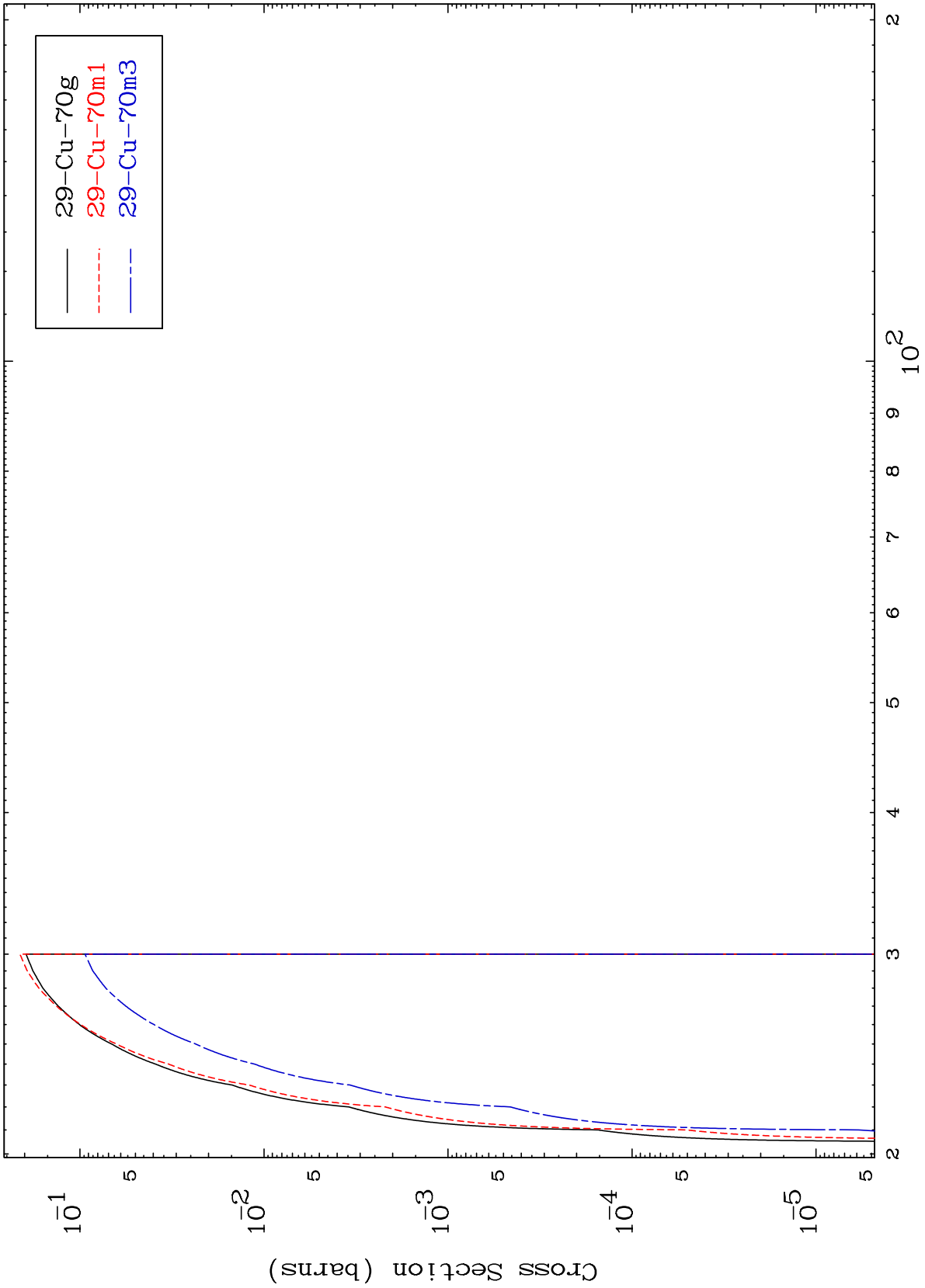
29-Cu-73

MAT 2955

(n,4n)

²⁹Cu-73

Radionuclide Production Cross Section



111

Incident Energy (MeV)

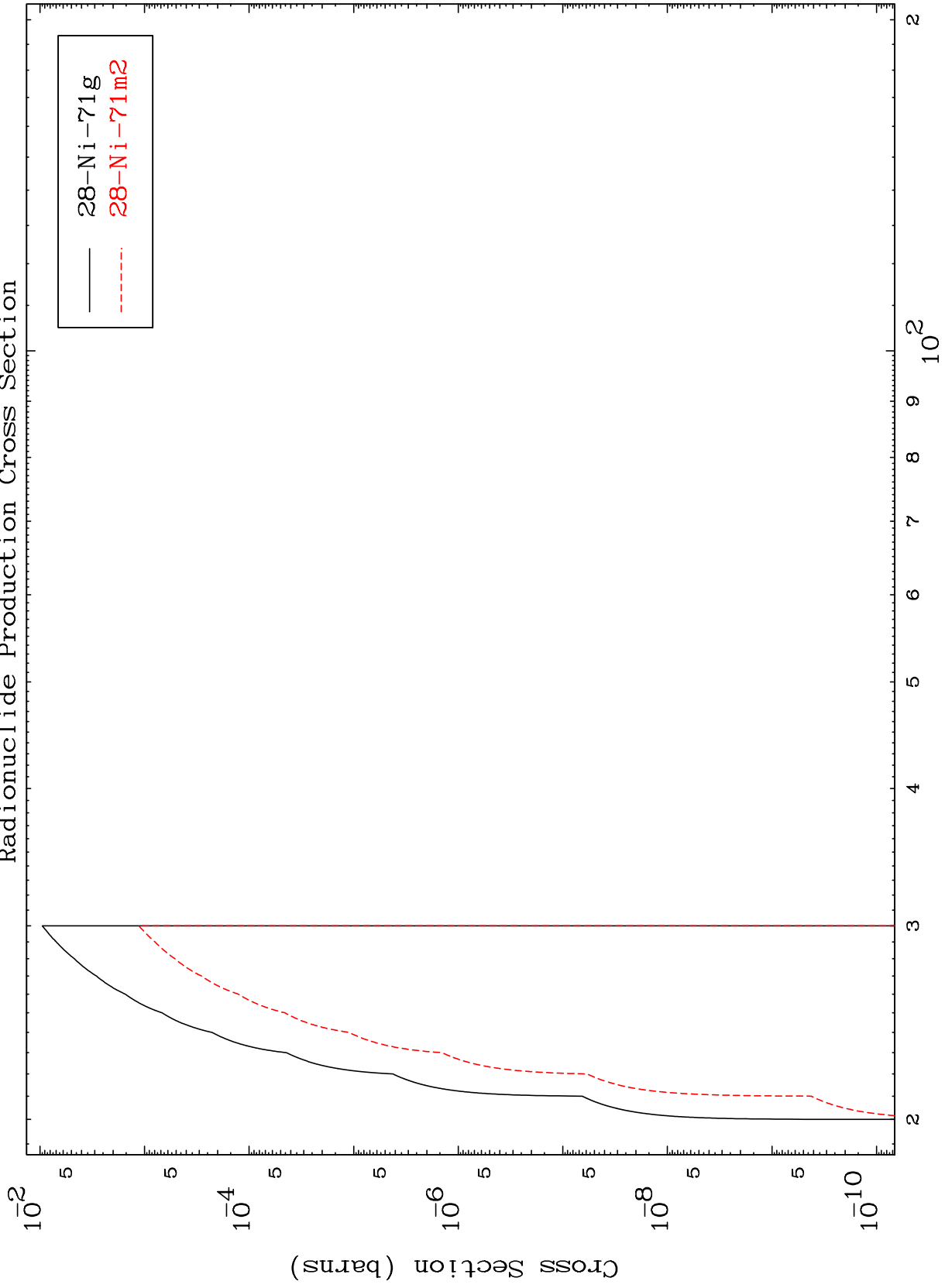
²⁹Cu-73

MAT 2955

(n,2n) p

²⁹Cu-73

Radionuclide Production Cross Section



112

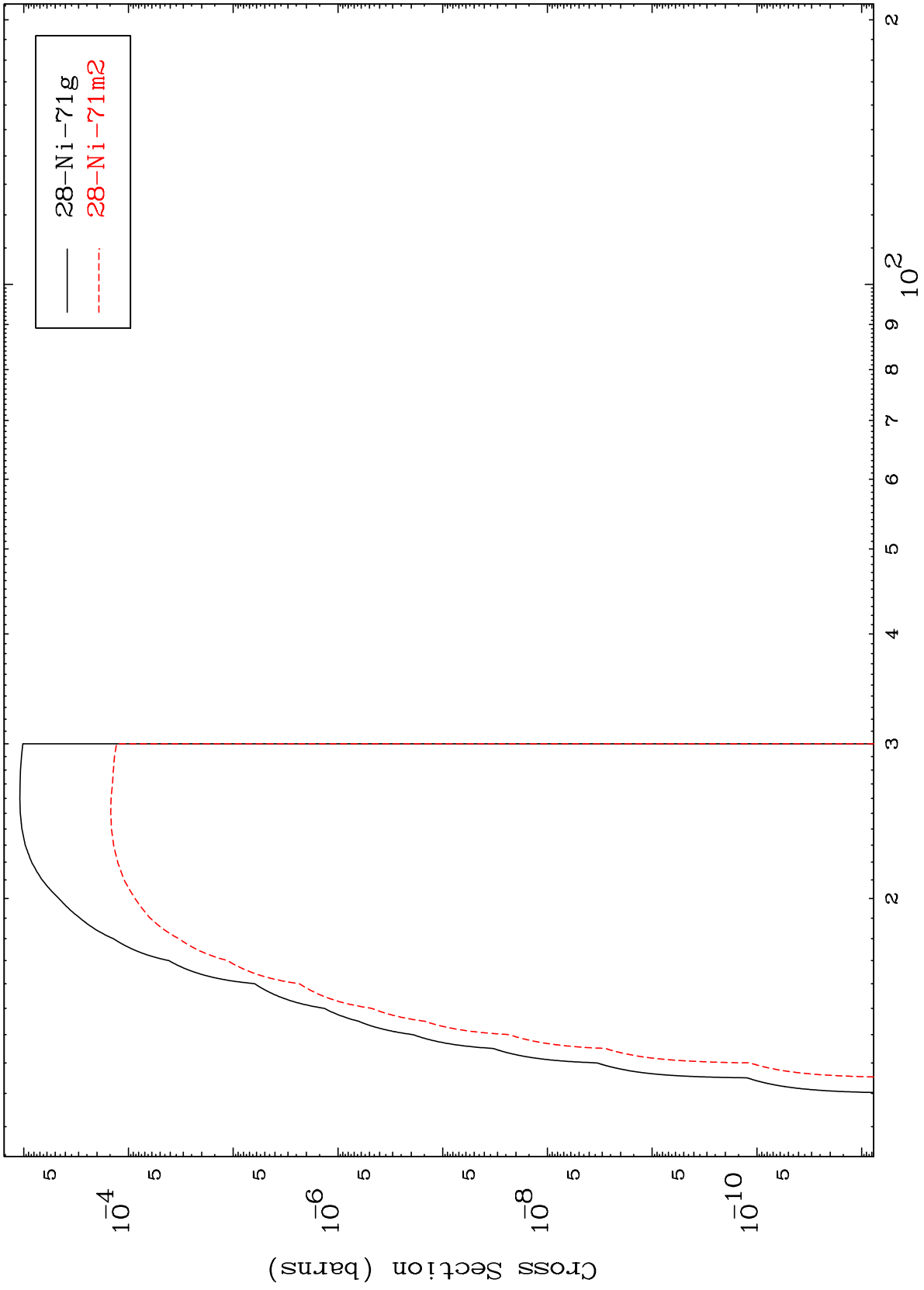
Incident Energy (MeV)

²⁹Cu-73

MAT 2955

29-Cu-73

(n, t)
Radionuclide Production Cross Section



113

29-Cu-73