

Program EVALPLOT
(Version 2021-1)

by

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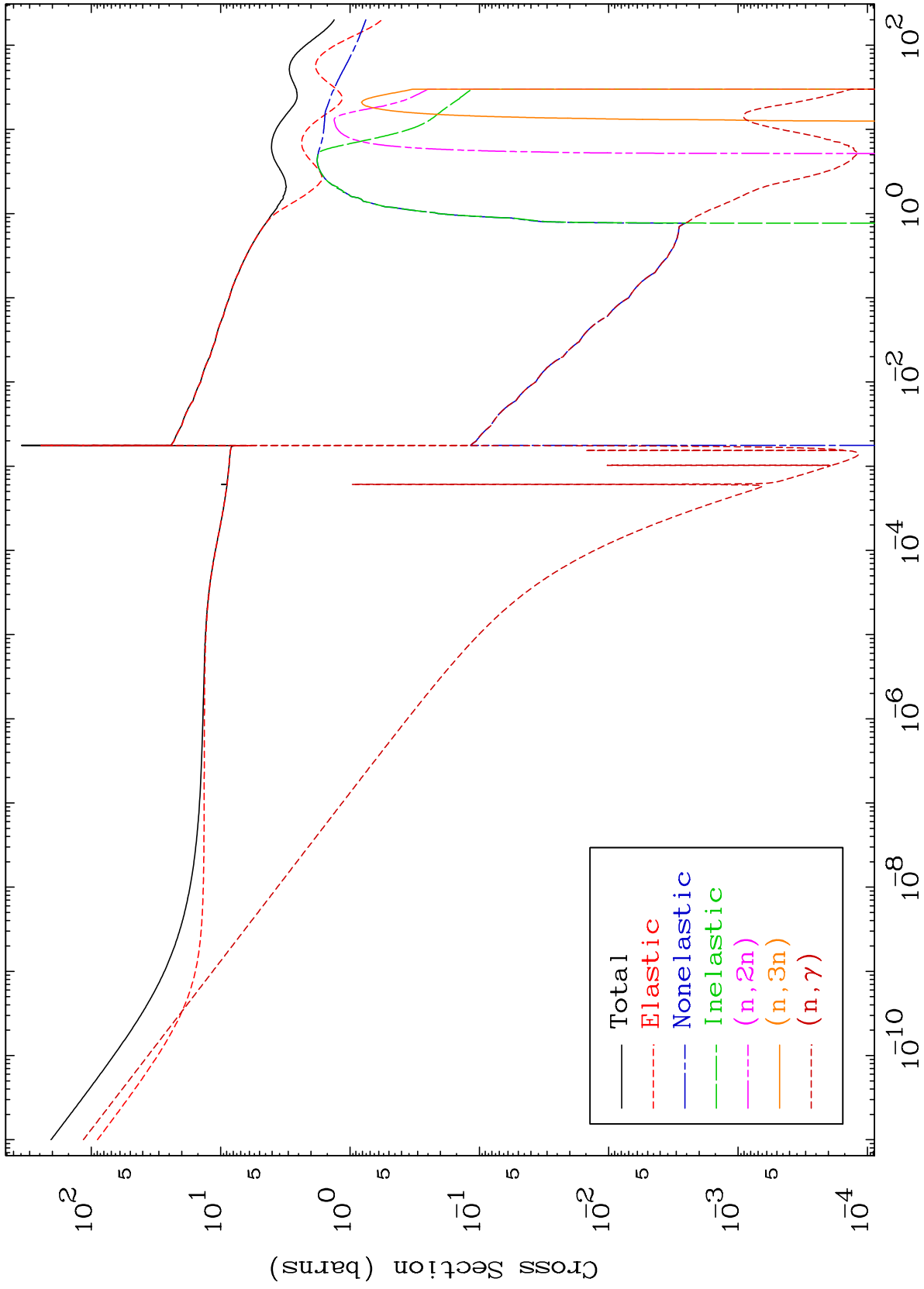
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2958

Neutron Major
293 Kelvin Cross Sections

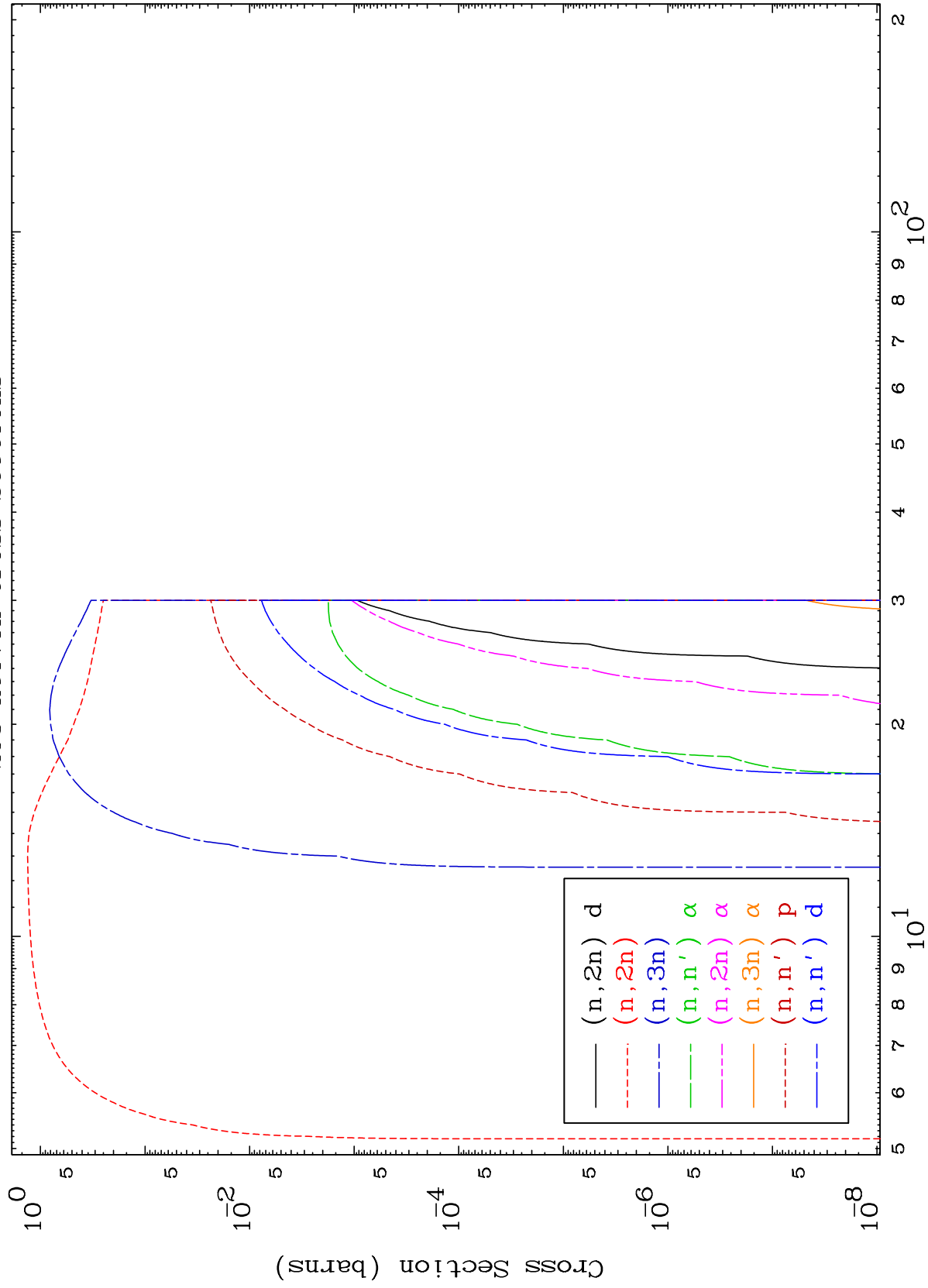
29-Cu-74



MAT 2958

Neutron Absorption
293 Kelvin Cross Sections

29-Cu-74



2

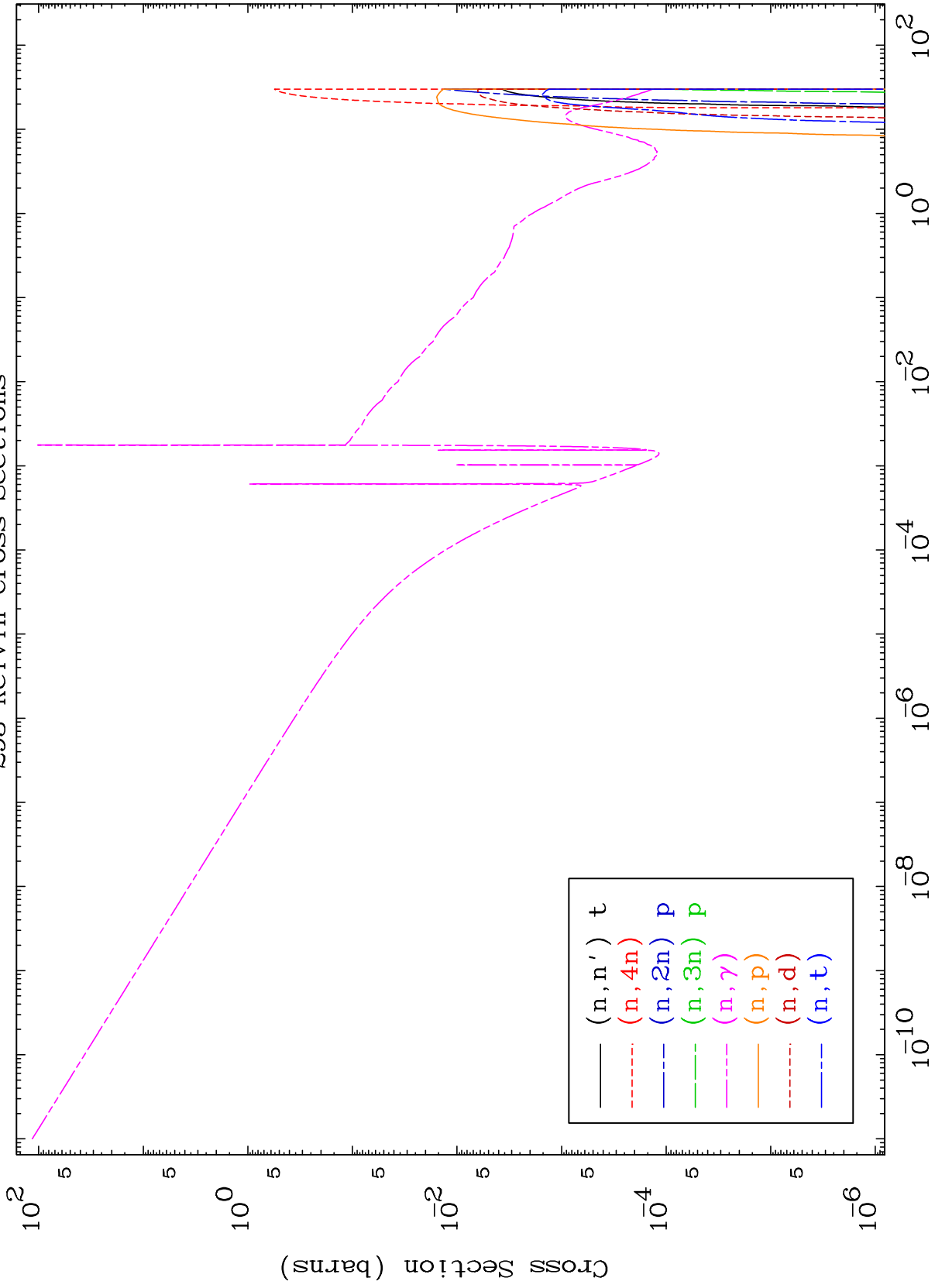
Incident Energy (MeV)

29-Cu-74

MAT 2958

Neutron Absorption
293 Kelvin Cross Sections

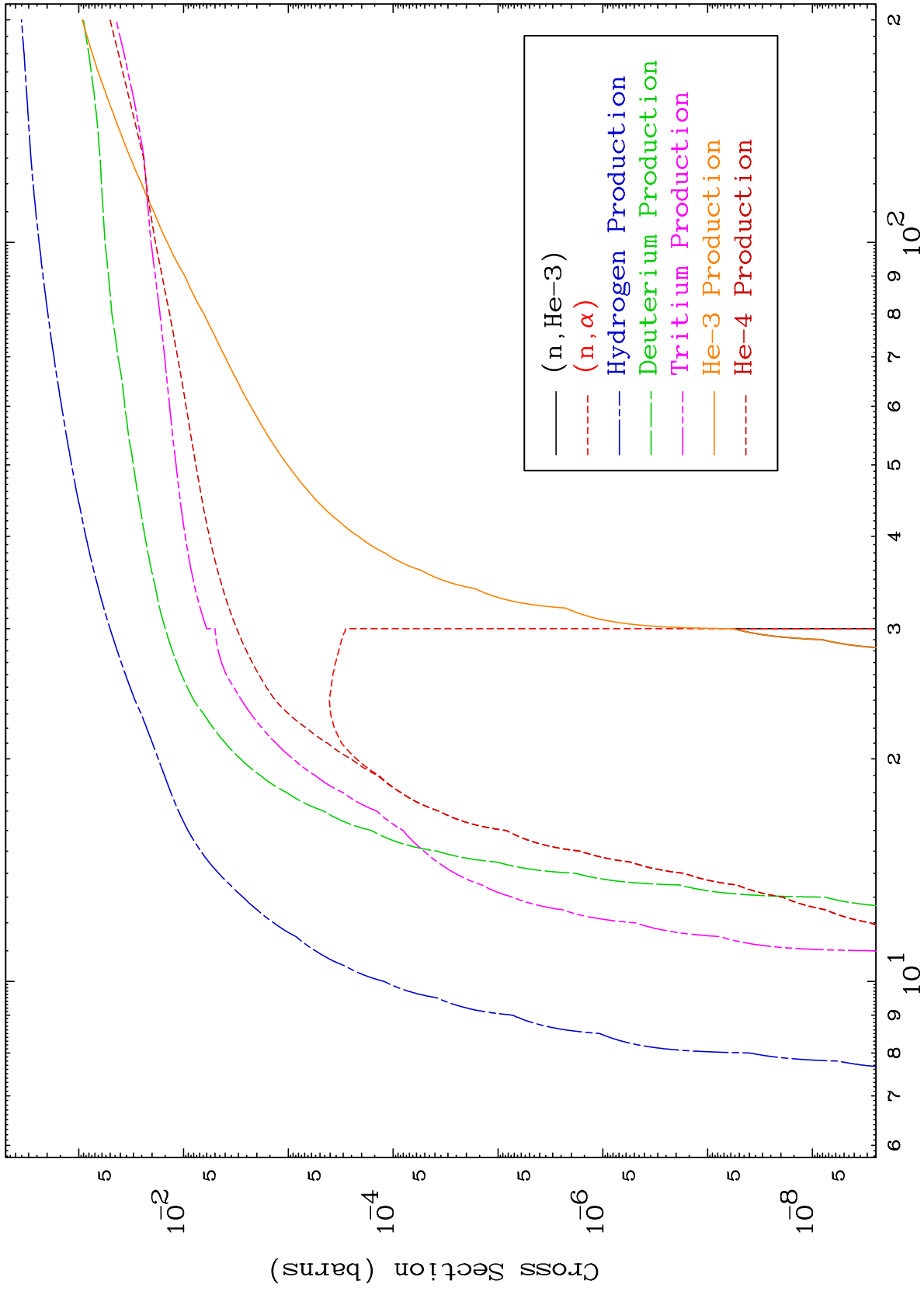
29-Cu-74



MAT 2958

Neutron Absorption
293 Kelvin Cross Sections

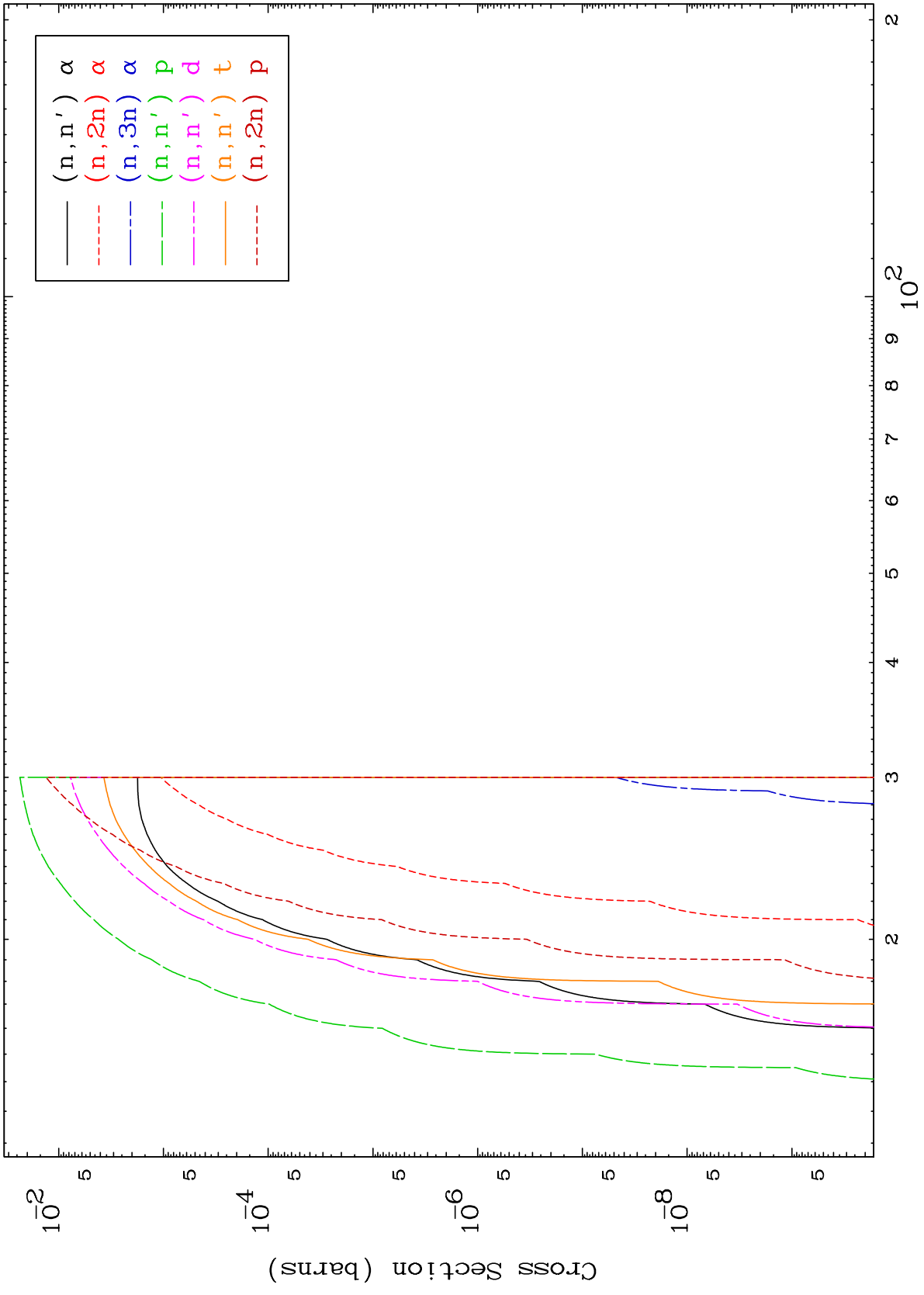
29-Cu-74



4

Incident Energy (MeV)

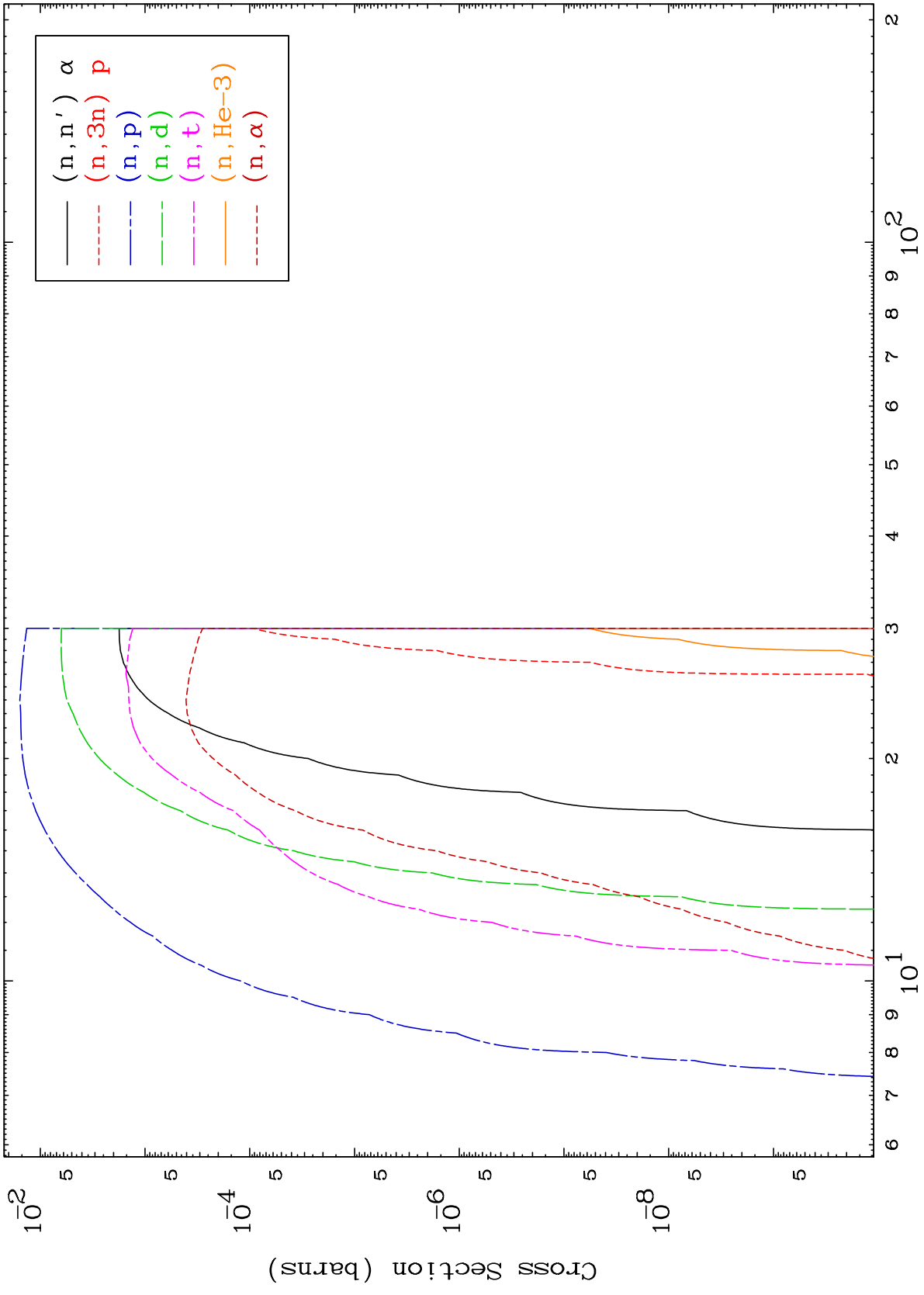
29-Cu-74



MAT 2958

Charged Particle
293 Kelvin Cross Sections

29-Cu-74



6

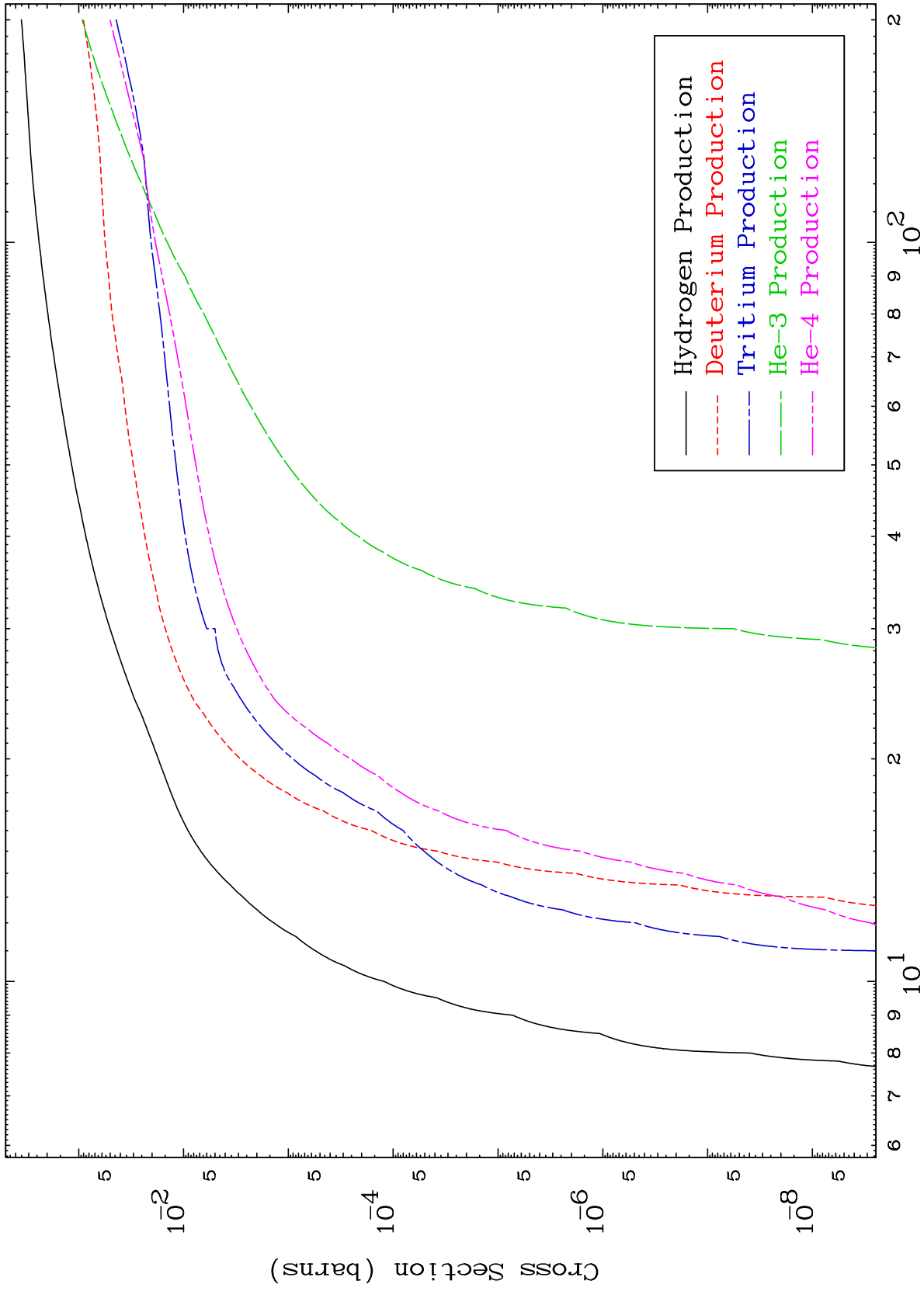
Incident Energy (MeV)

29-Cu-74

MAT 2958

Particle Production
293 Kelvin Cross Sections

29-Cu-74



7

Incident Energy (MeV)

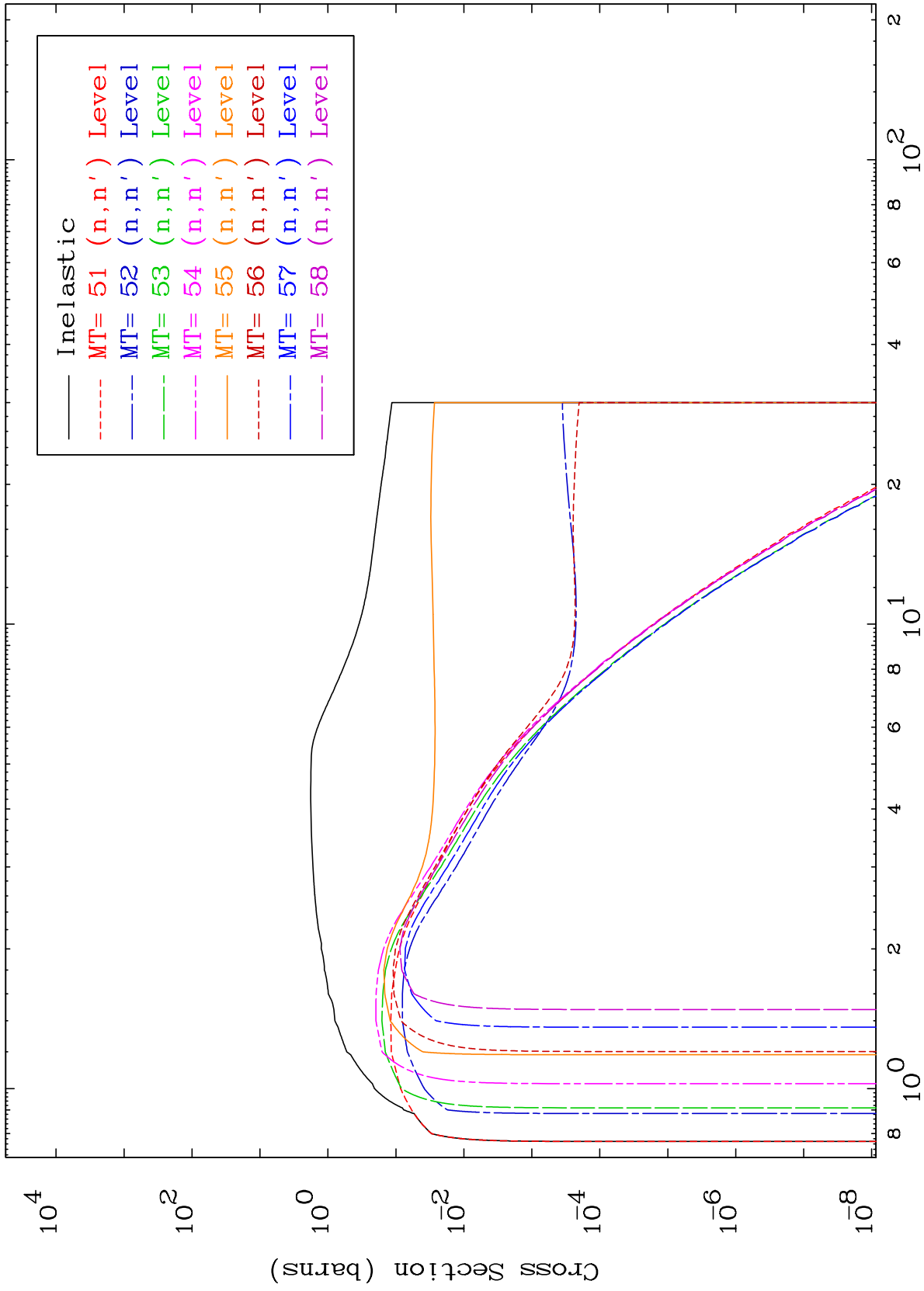
29-Cu-74

MAT 2958

(n,n') Levels

29-Cu-74

293 Kelvin Cross Sections



8

Incident Energy (MeV)

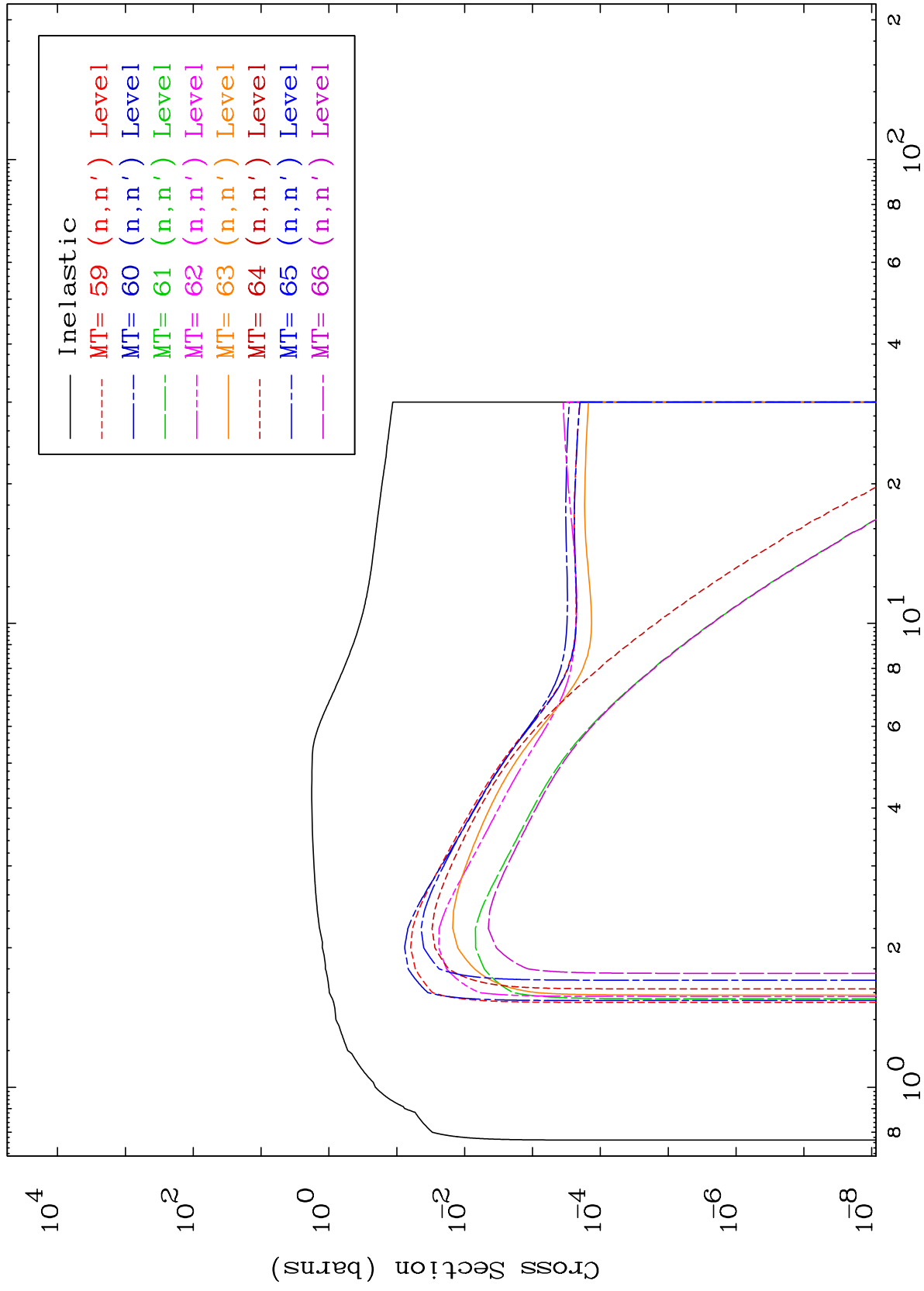
29-Cu-74

MAT 2958

(n,n') Levels

293 Kelvin Cross Sections

29-Cu-74



9

Incident Energy (MeV)

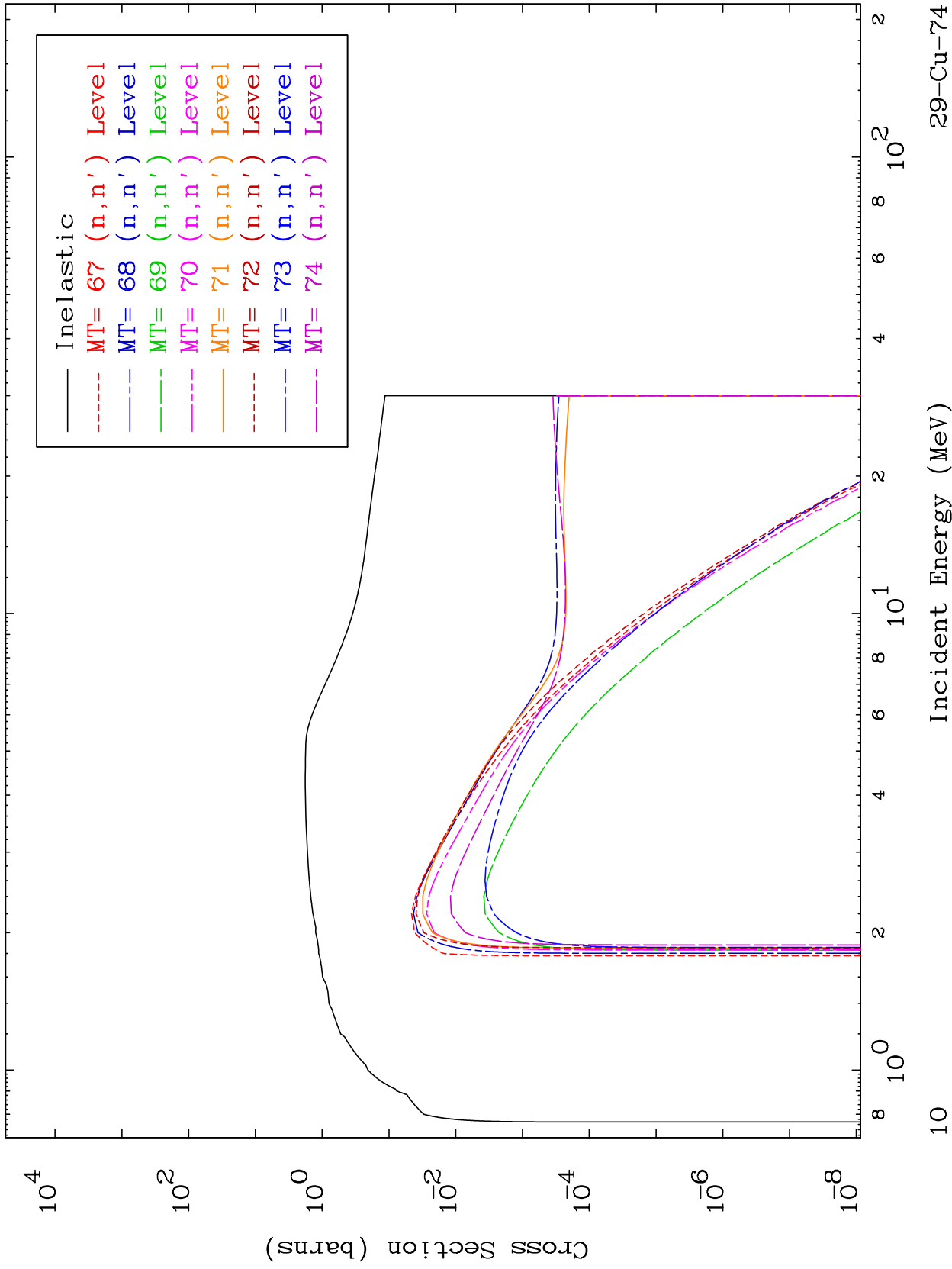
29-Cu-74

MAT 2958

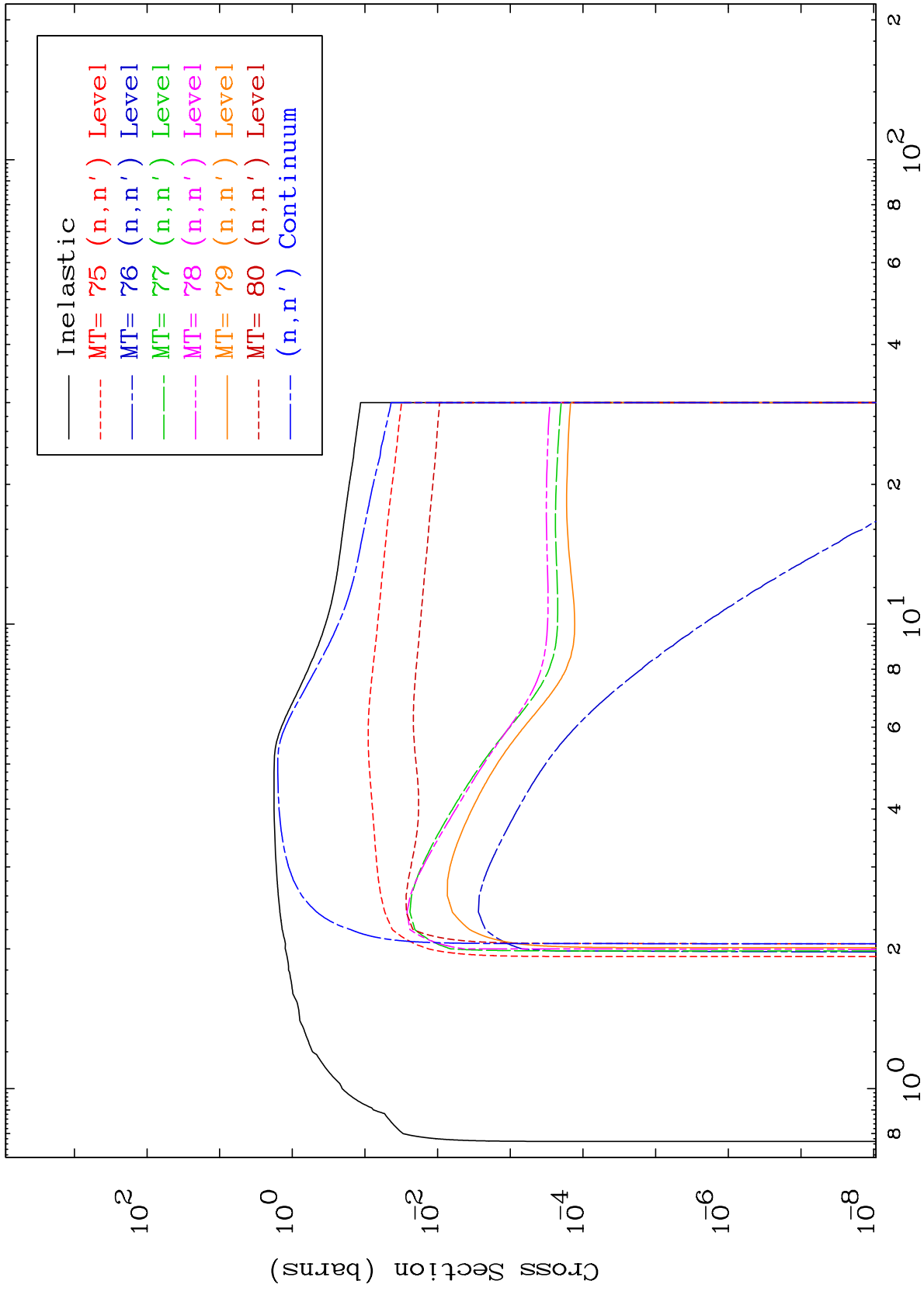
(n,n') Levels

29-Cu-74

293 Kelvin Cross Sections



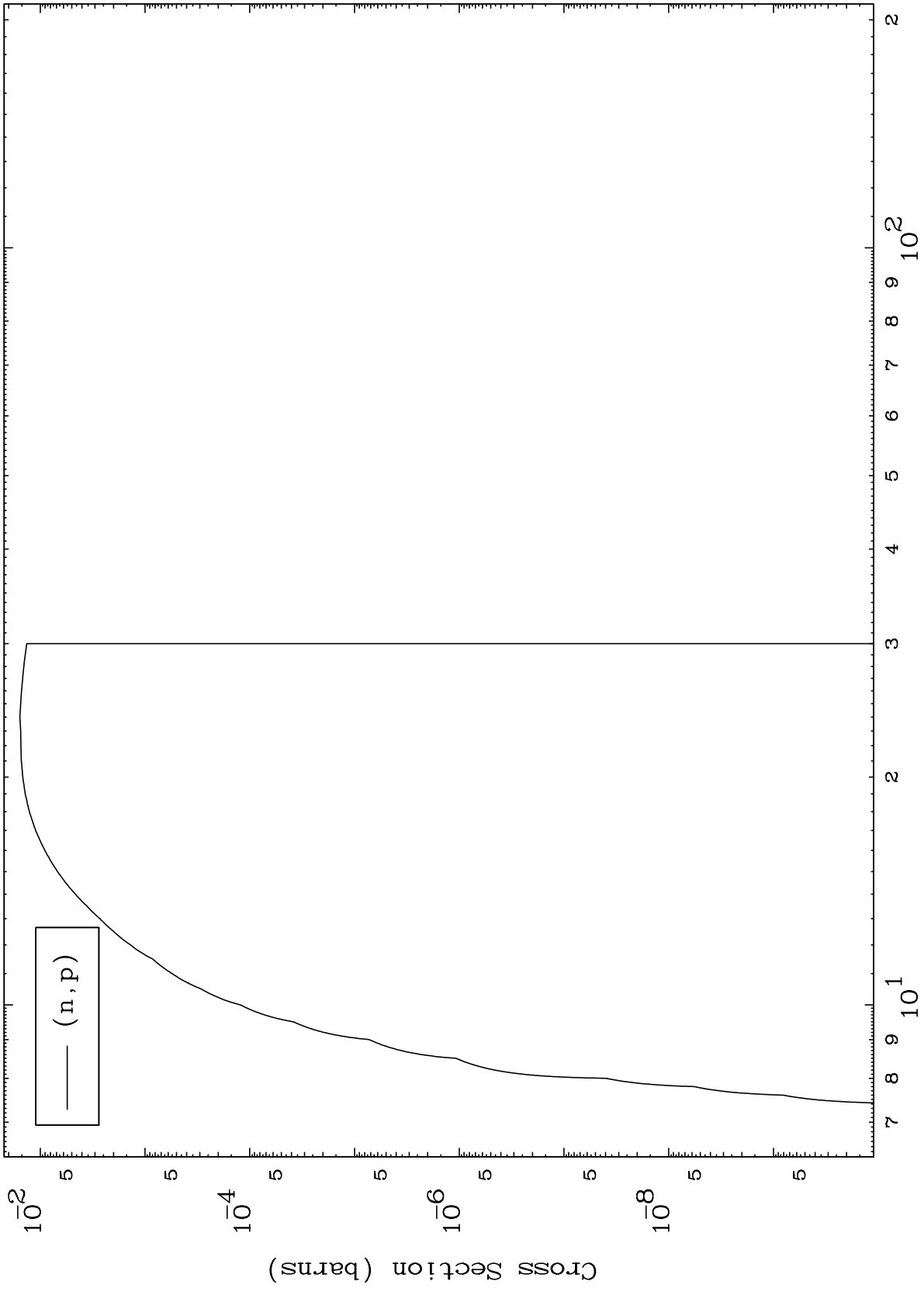
293 Kelvin Cross Sections



MAT 2958

(n,p) Levels
293 Kelvin Cross Sections

29-Cu-74



12

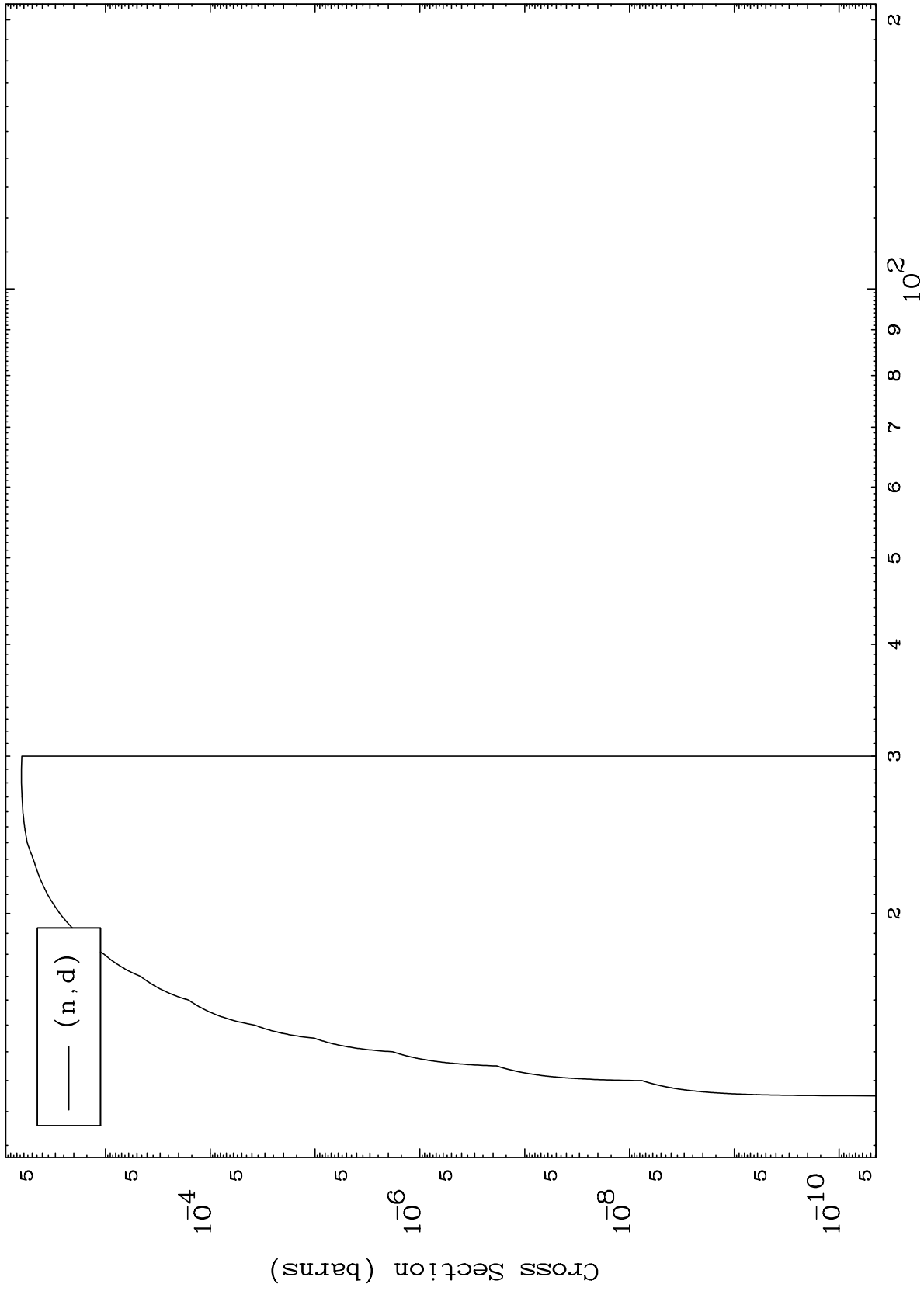
Incident Energy (MeV)

29-Cu-74

MAT 2958

(n,d) Levels
293 Kelvin Cross Sections

29-Cu-74



13

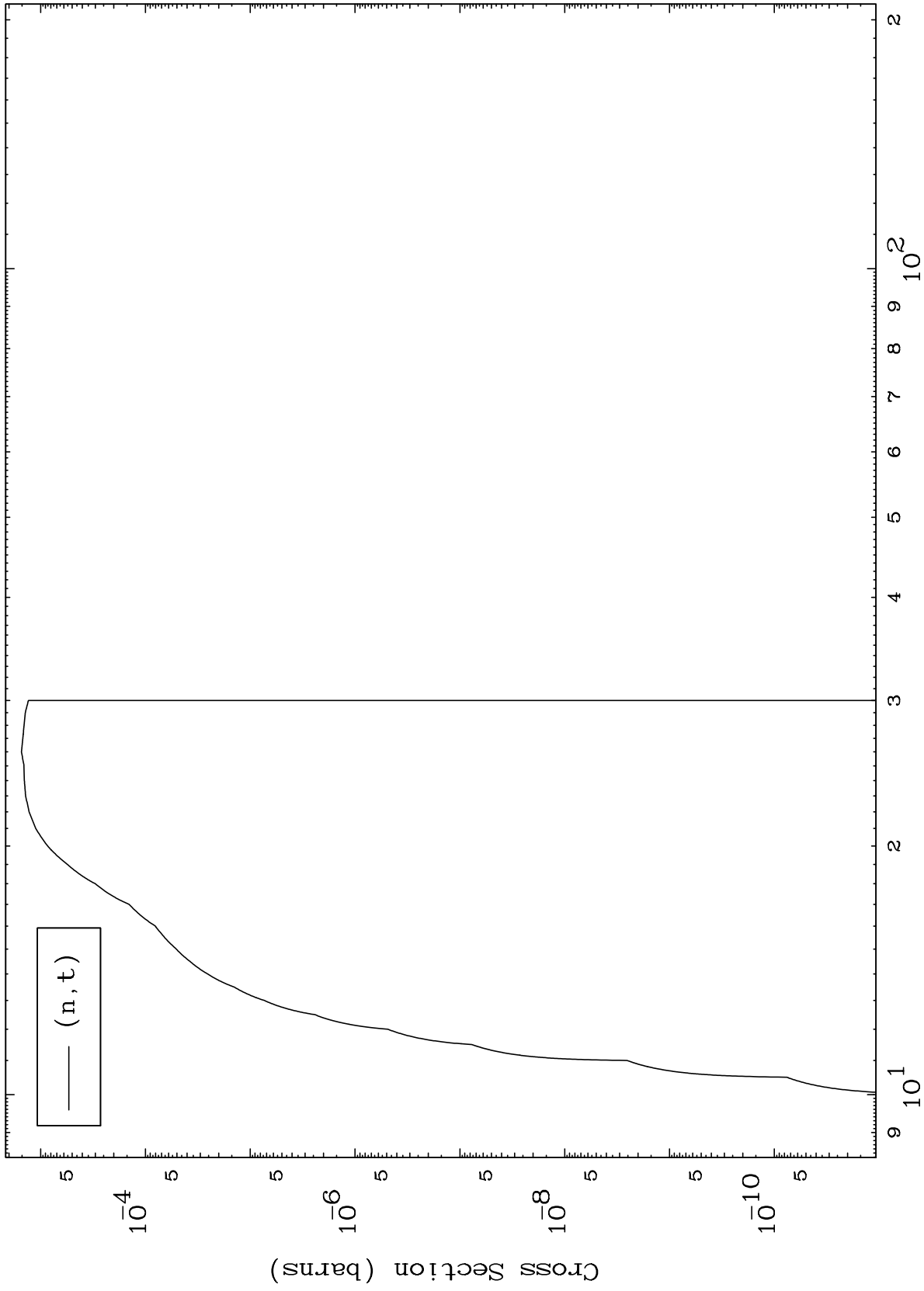
Incident Energy (MeV)

29-Cu-74

MAT 2958

(n,t) Levels
293 Kelvin Cross Sections

29-Cu-74



14

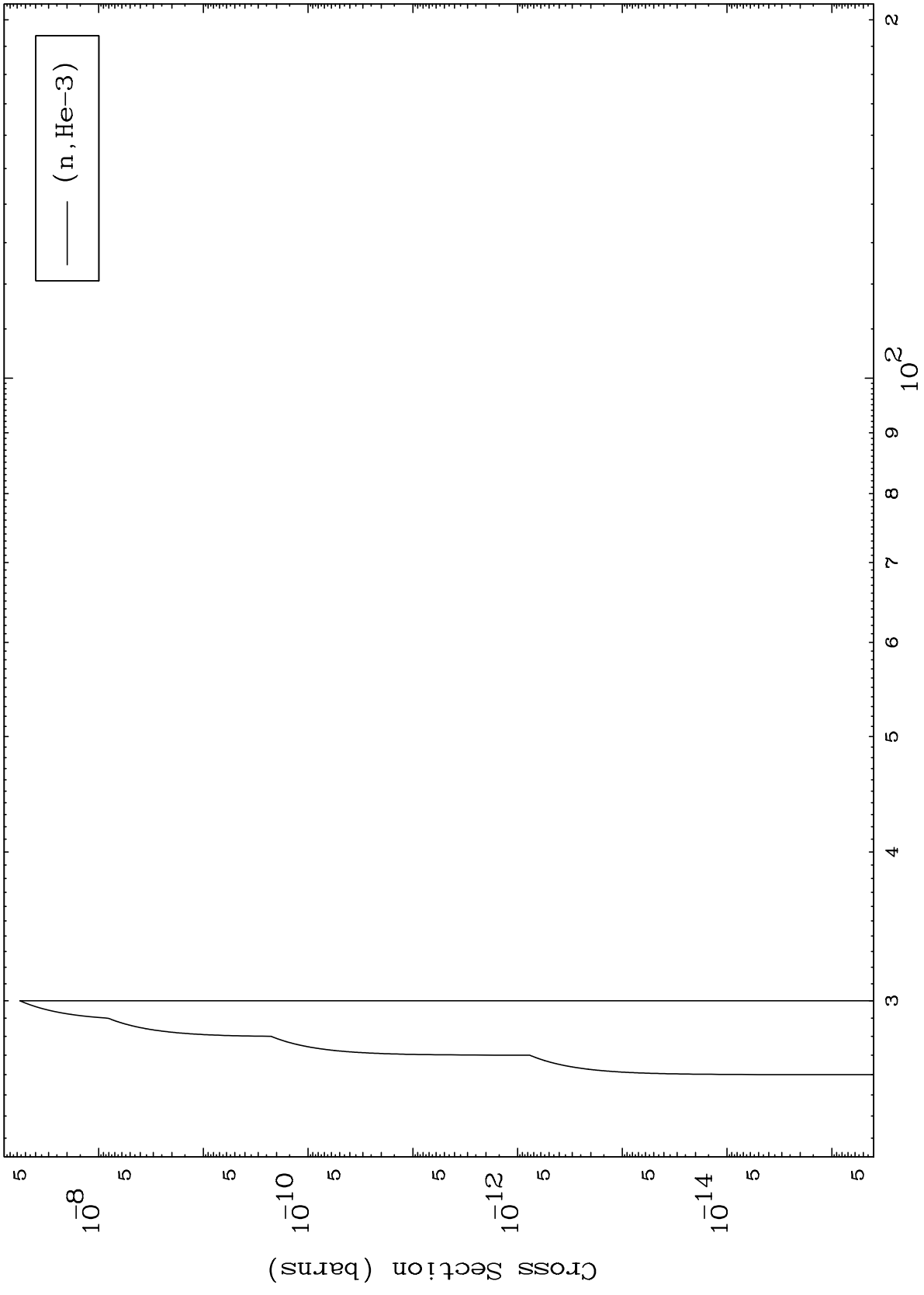
Incident Energy (MeV)

29-Cu-74

MAT 2958

(n,He3) Levels
293 Kelvin Cross Sections

29-Cu-74



15

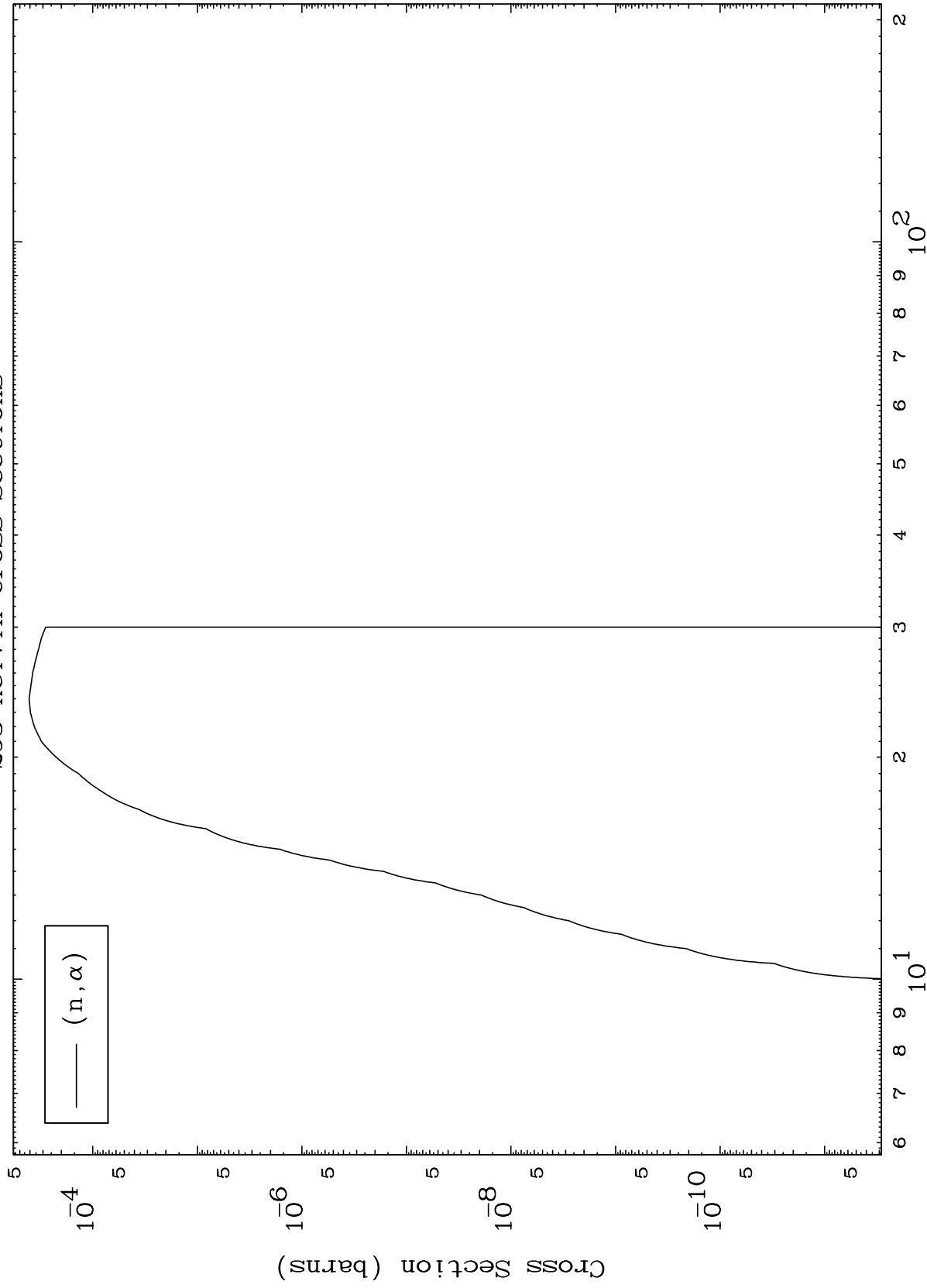
Incident Energy (MeV)

29-Cu-74

MAT 2958

(n,α) Levels
293 Kelvin Cross Sections

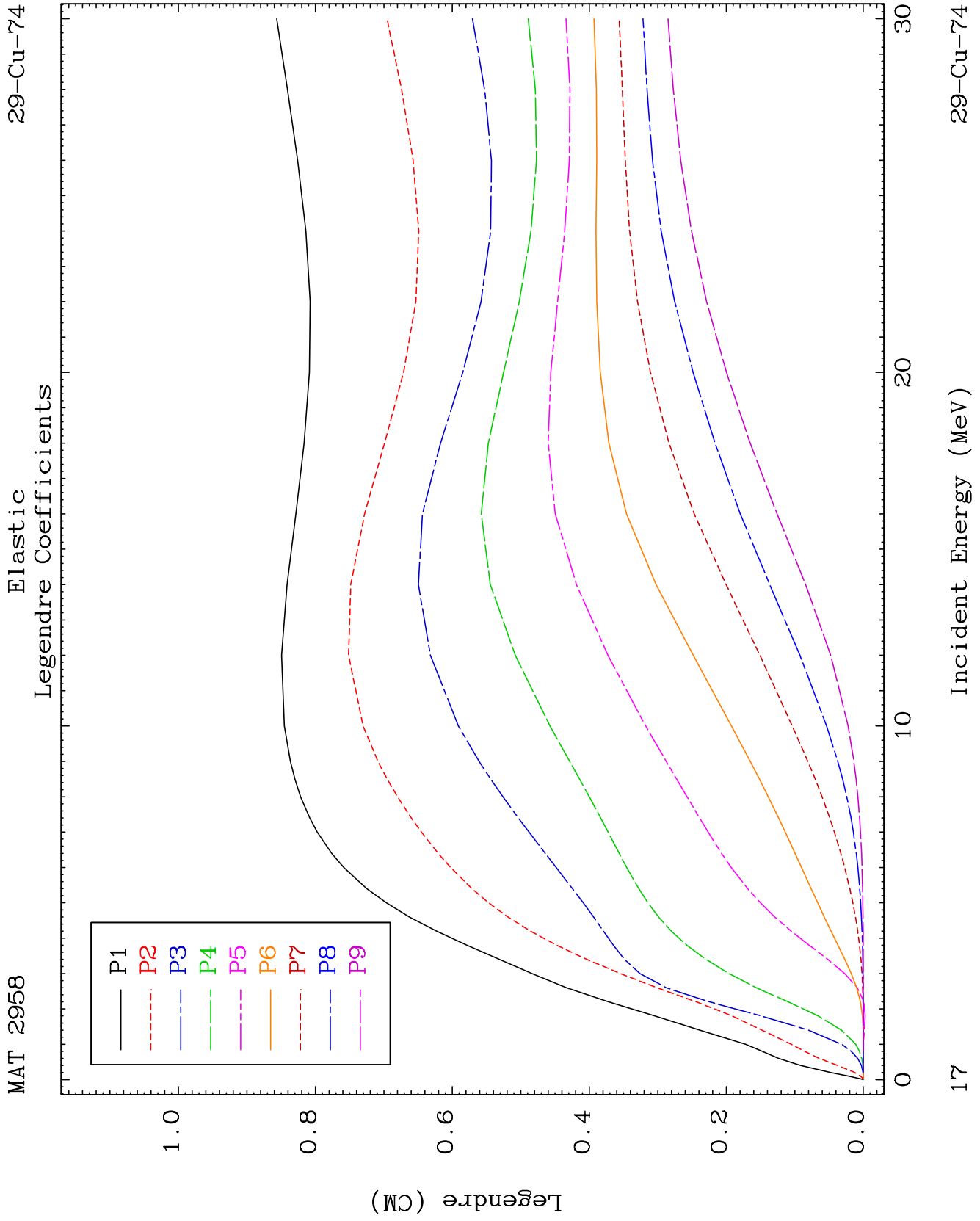
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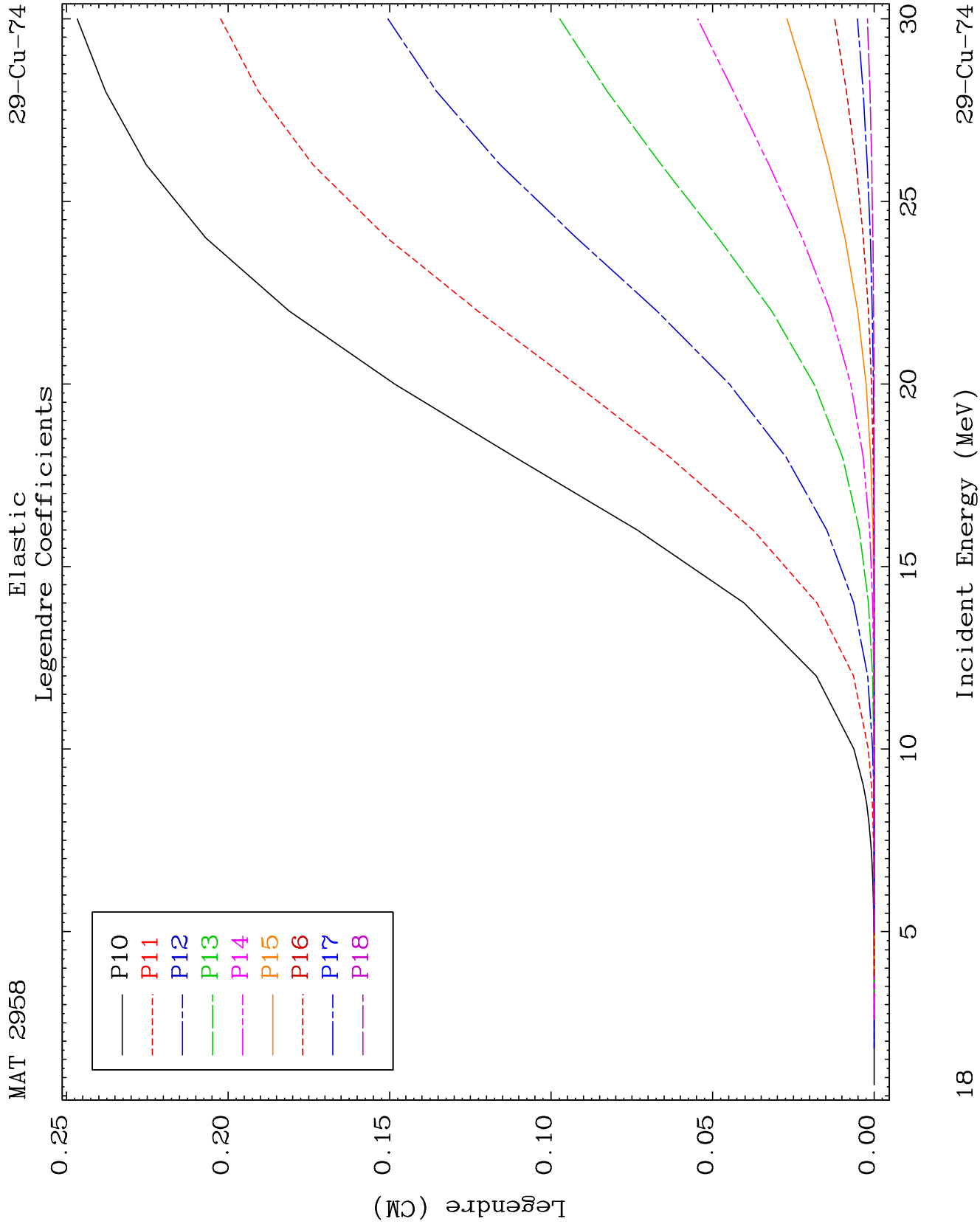


16

Incident Energy (MeV)

29-Cu-74

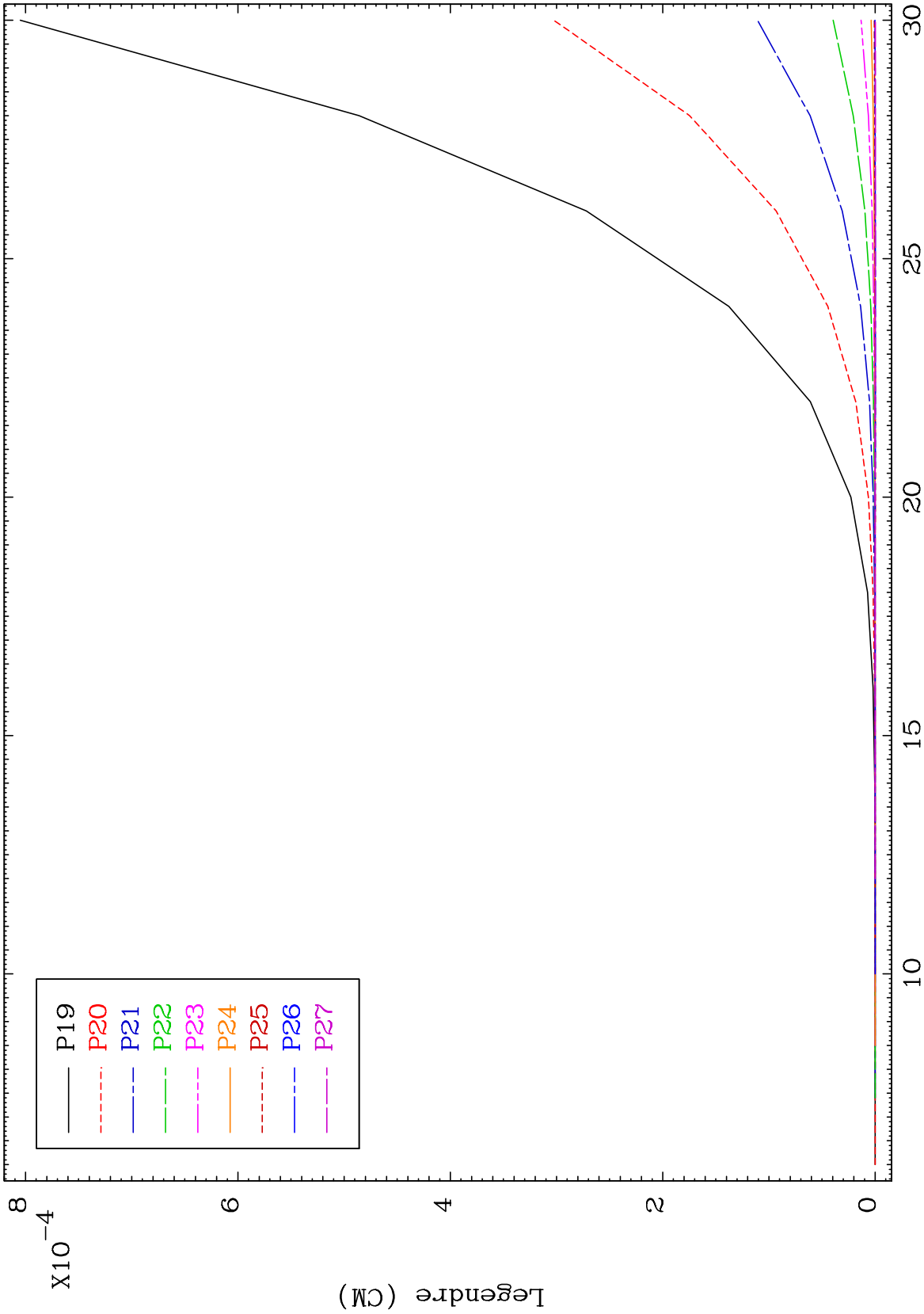




MAT 2958

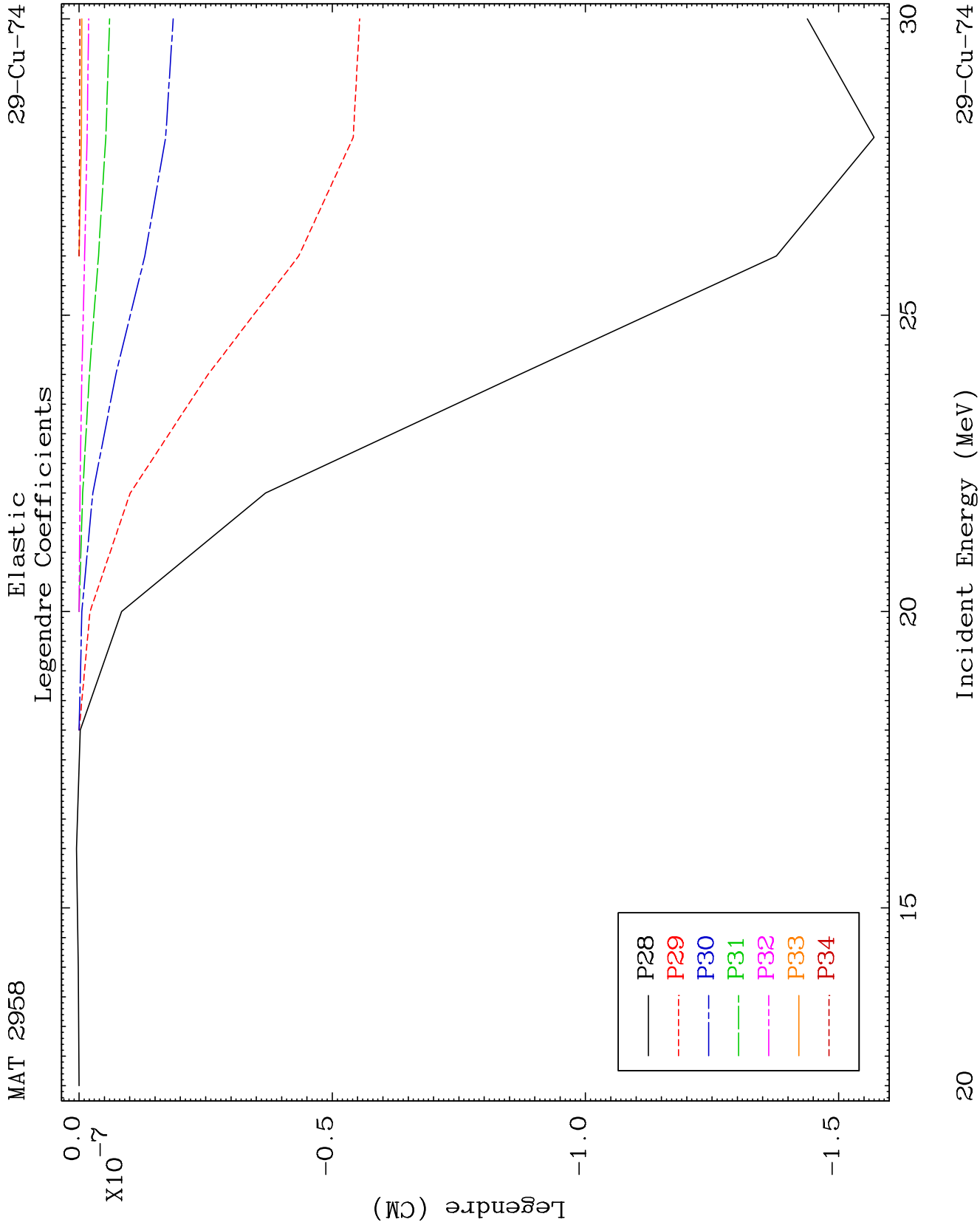
Elastic Legendre Coefficients

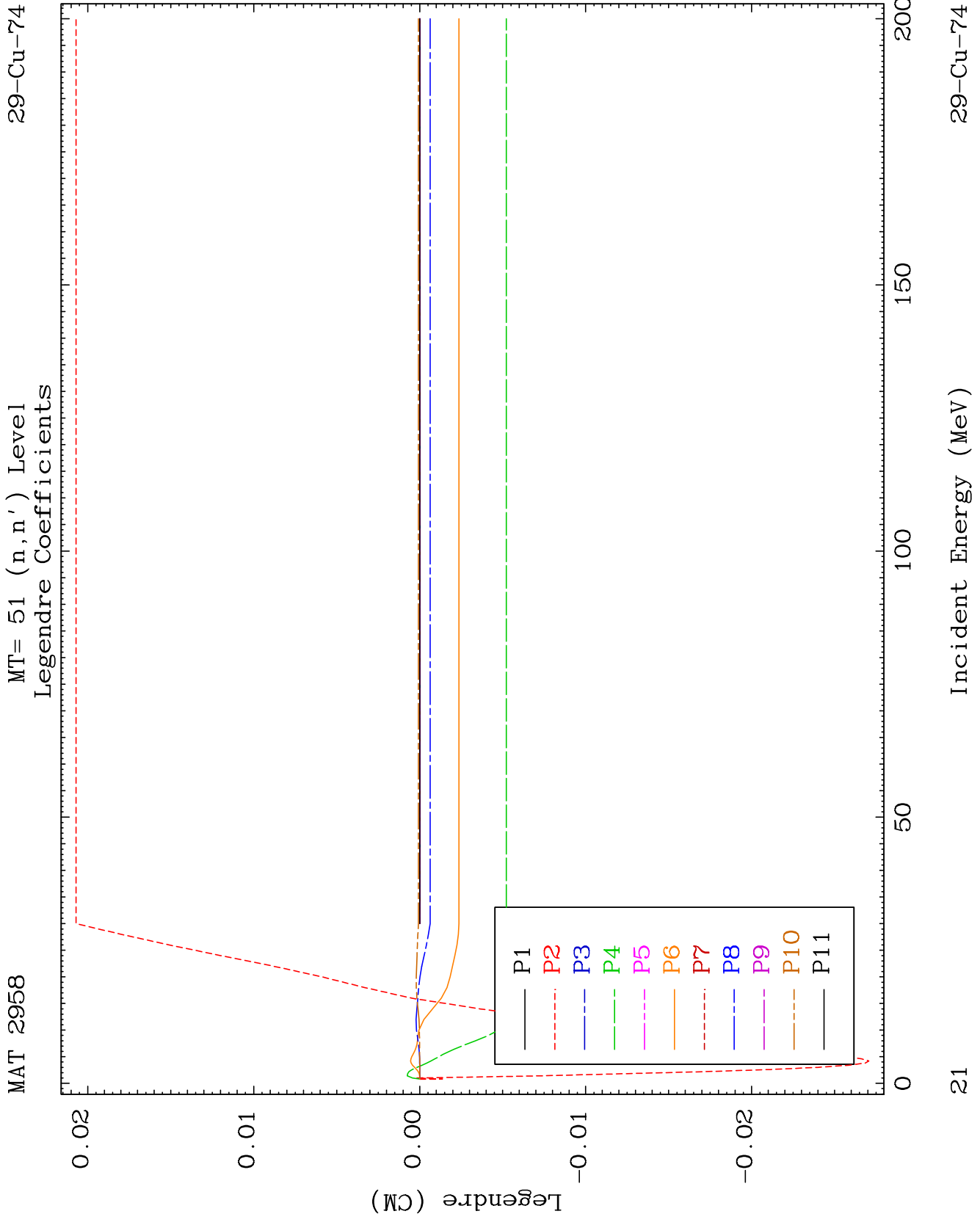
²⁹Cu-74



19

²⁹Cu-74

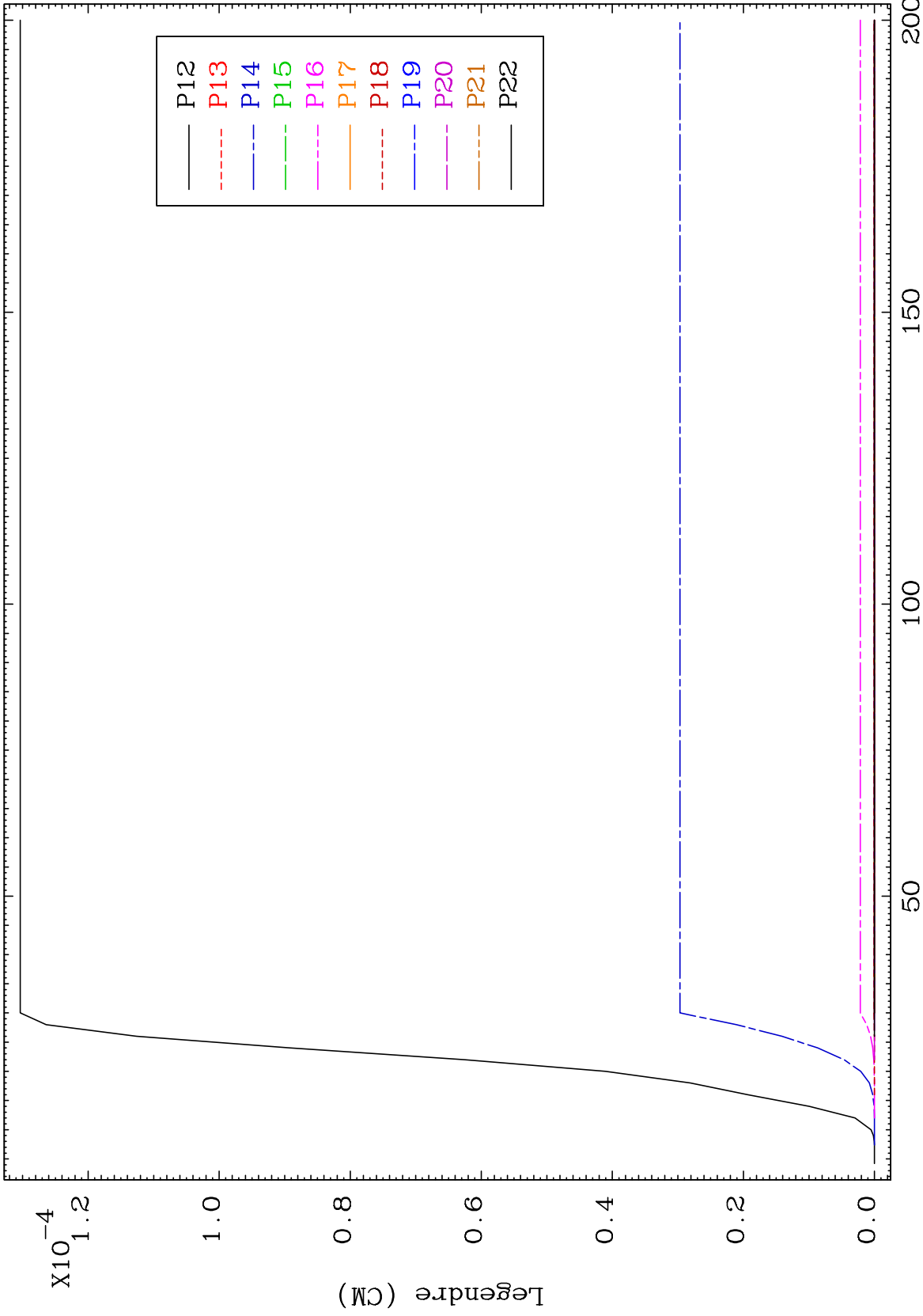




MAT 2958

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

29-Cu-74

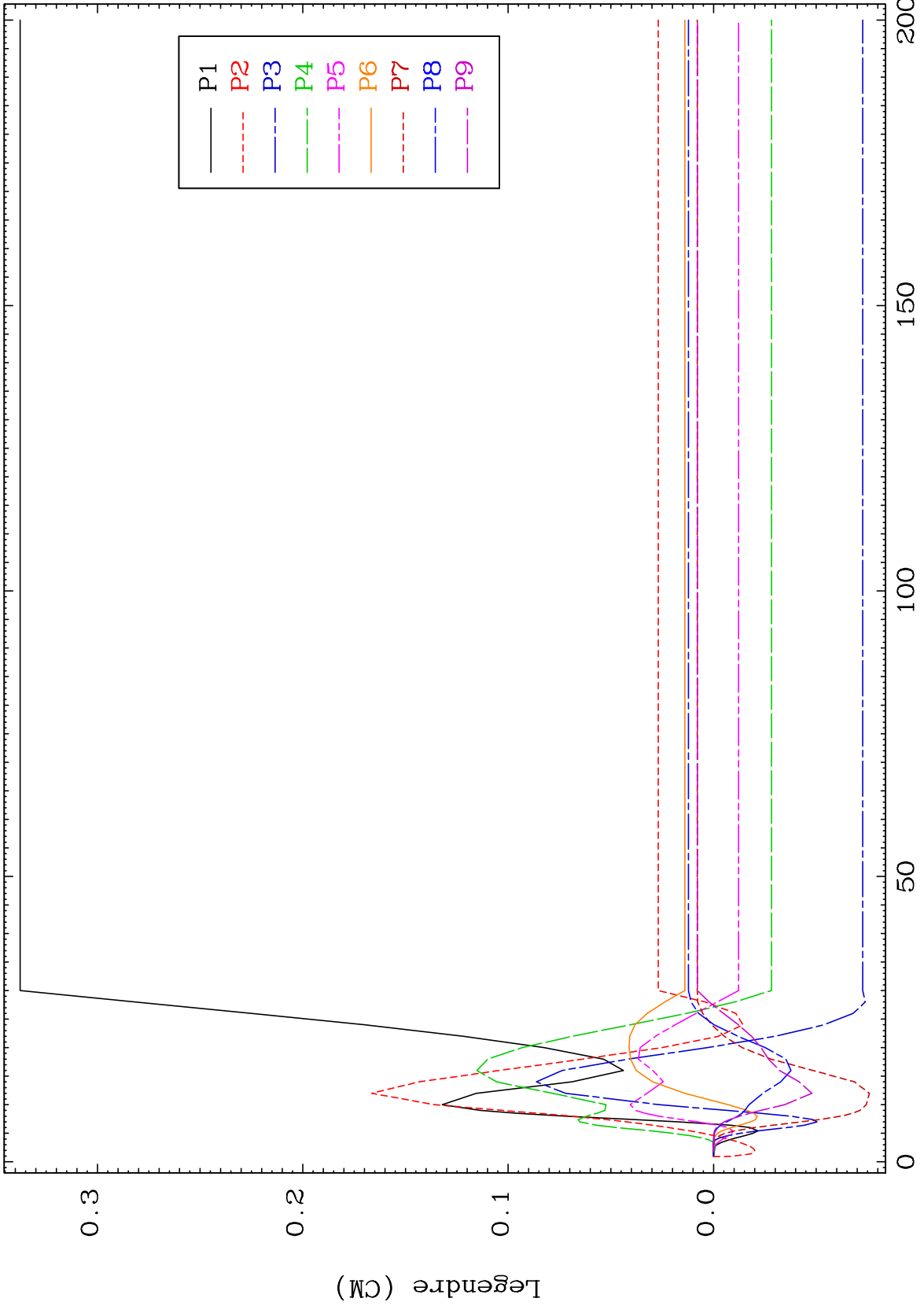


22

Incident Energy (MeV)

29-Cu-74

MAT 2958 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-74

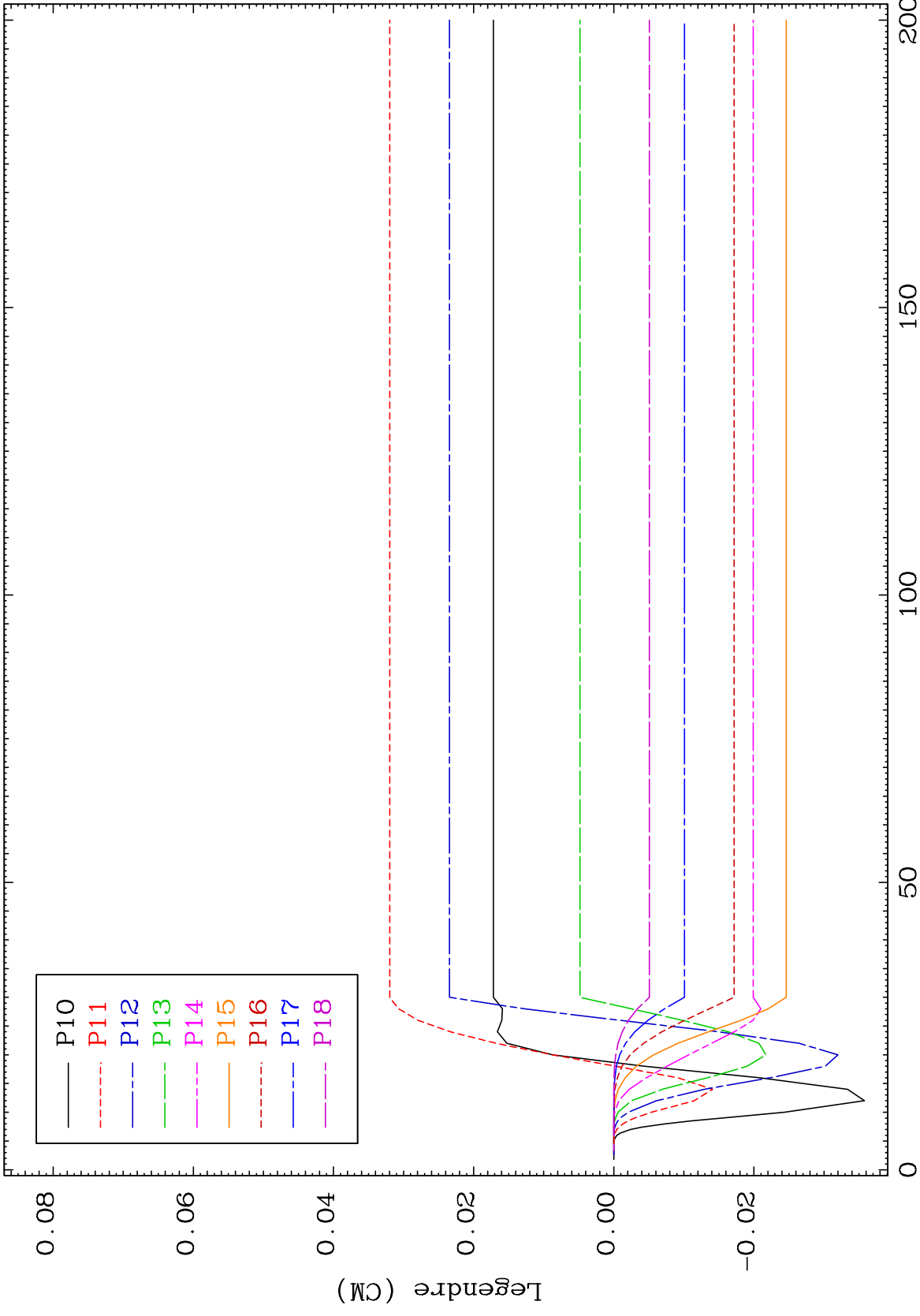


23 29-Cu-74

MAT 2958

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

29-Cu-74



24

Incident Energy (MeV)

29-Cu-74

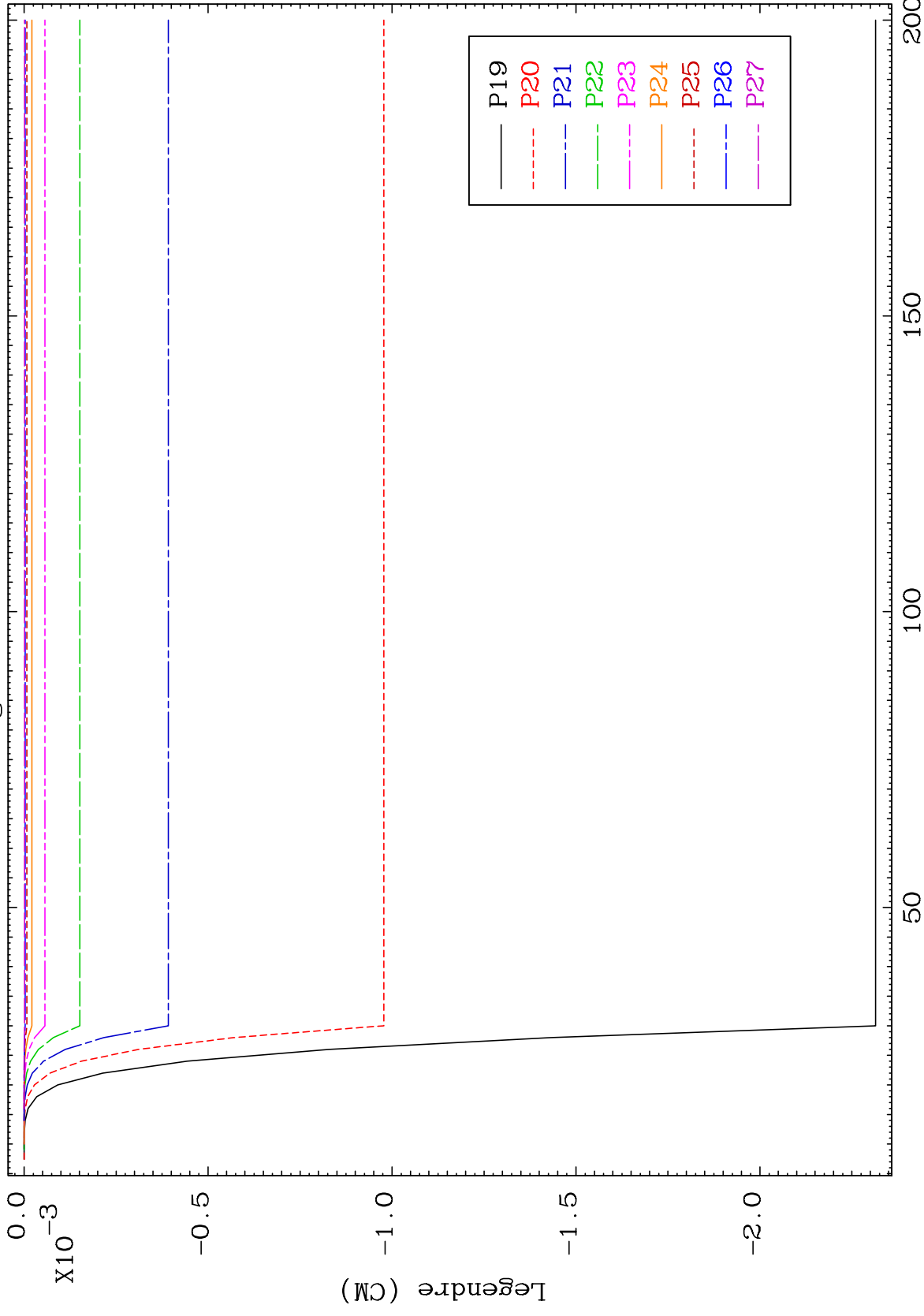
MAT 2958

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

29-Cu-74

Incident Energy (MeV)

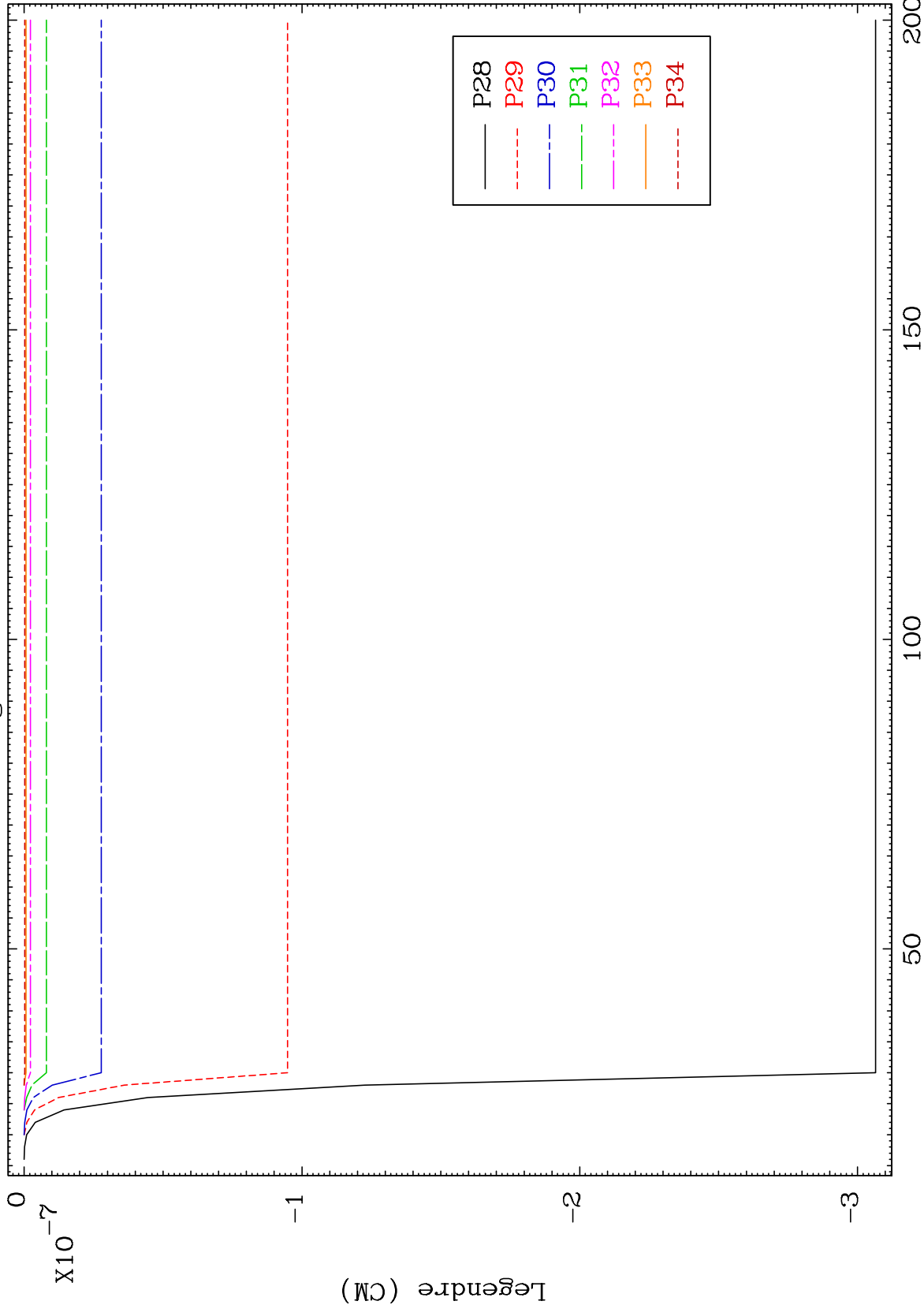
25



MAT 2958

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

29-Cu-74

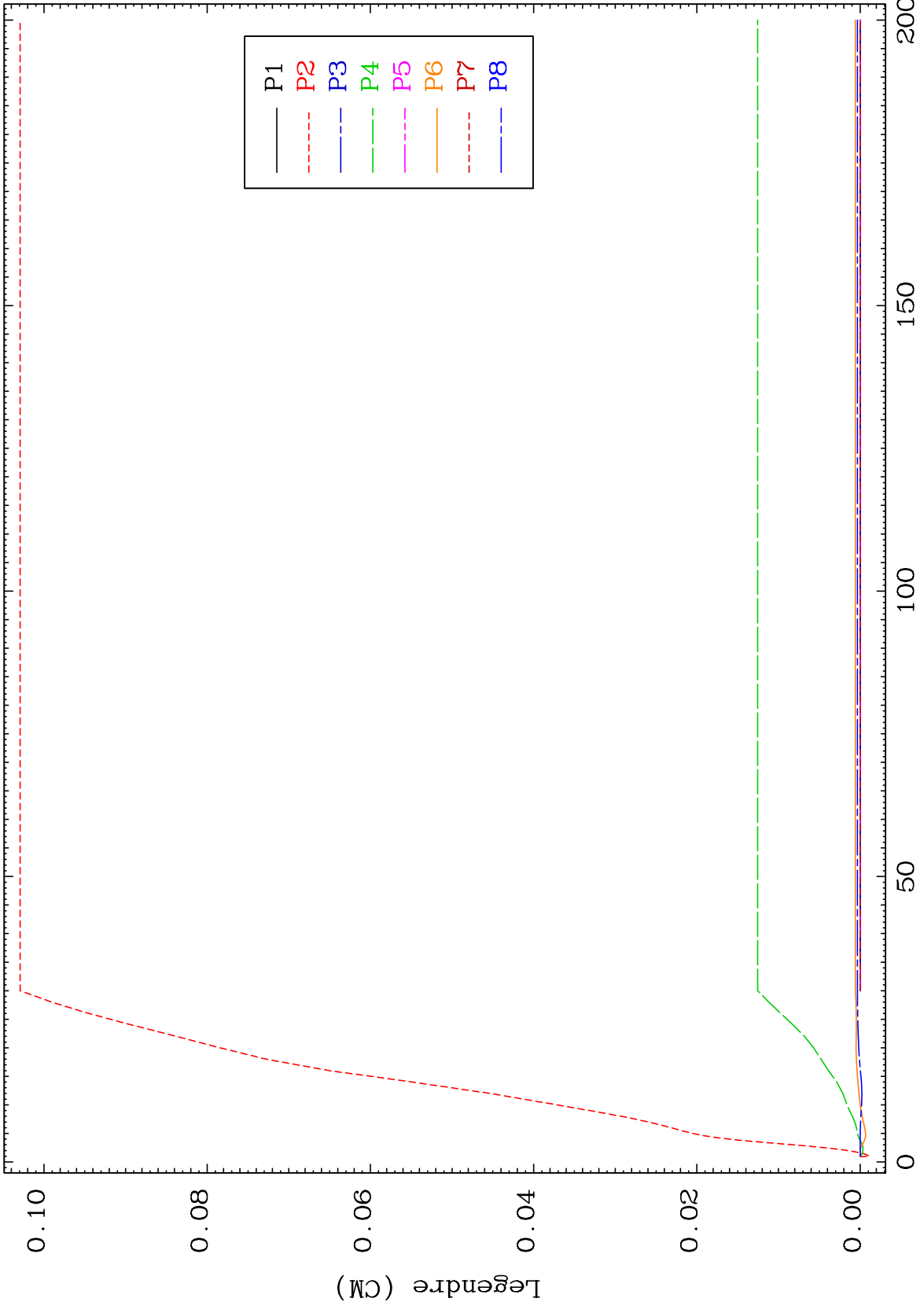


26

Incident Energy (MeV)

29-Cu-74

MAT 2958 MT= 53 (n,n') Level Legendre Coefficients 29-Cu-74

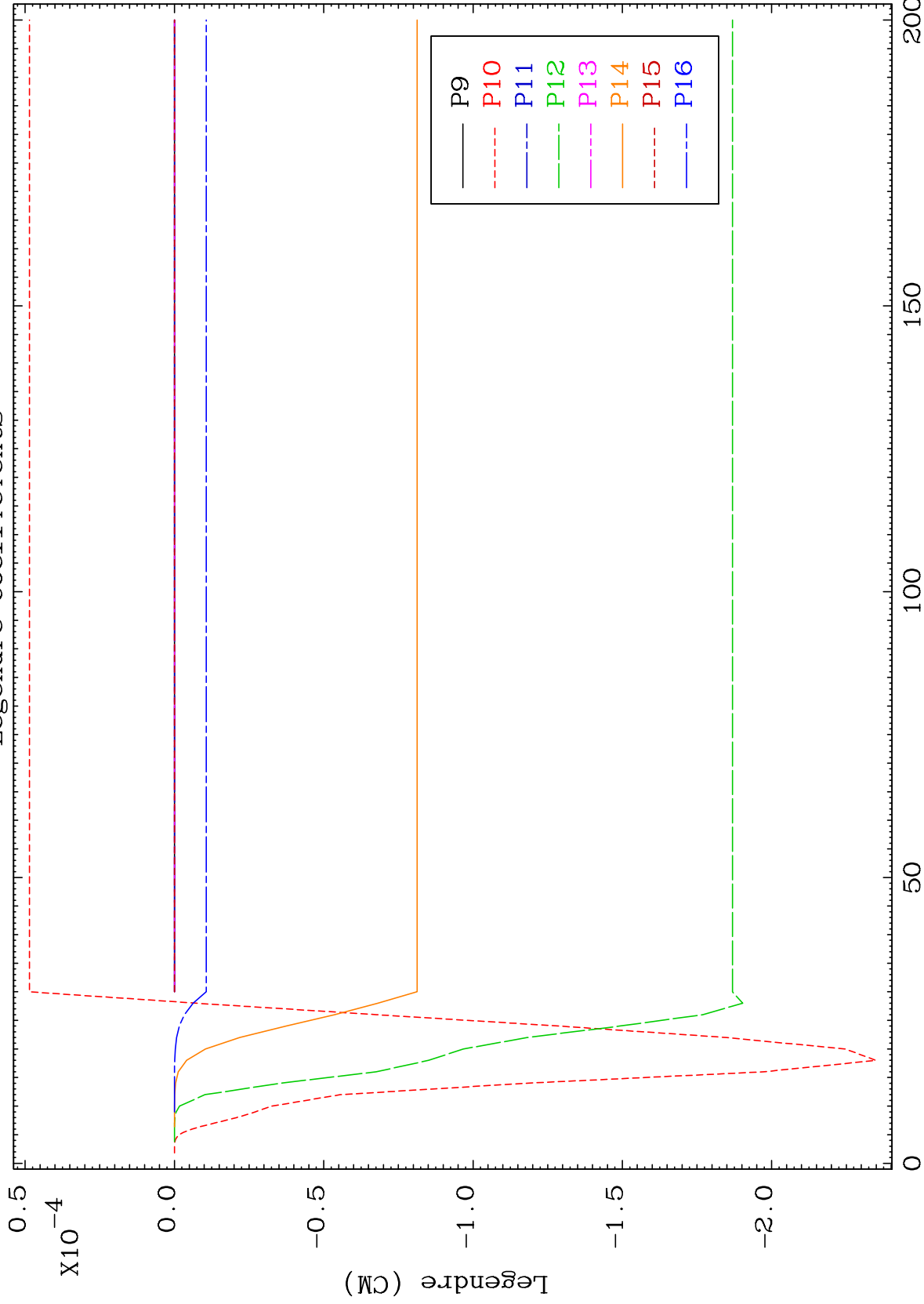


27 Incident Energy (MeV) 29-Cu-74

MAT 2958

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

29-Cu-74

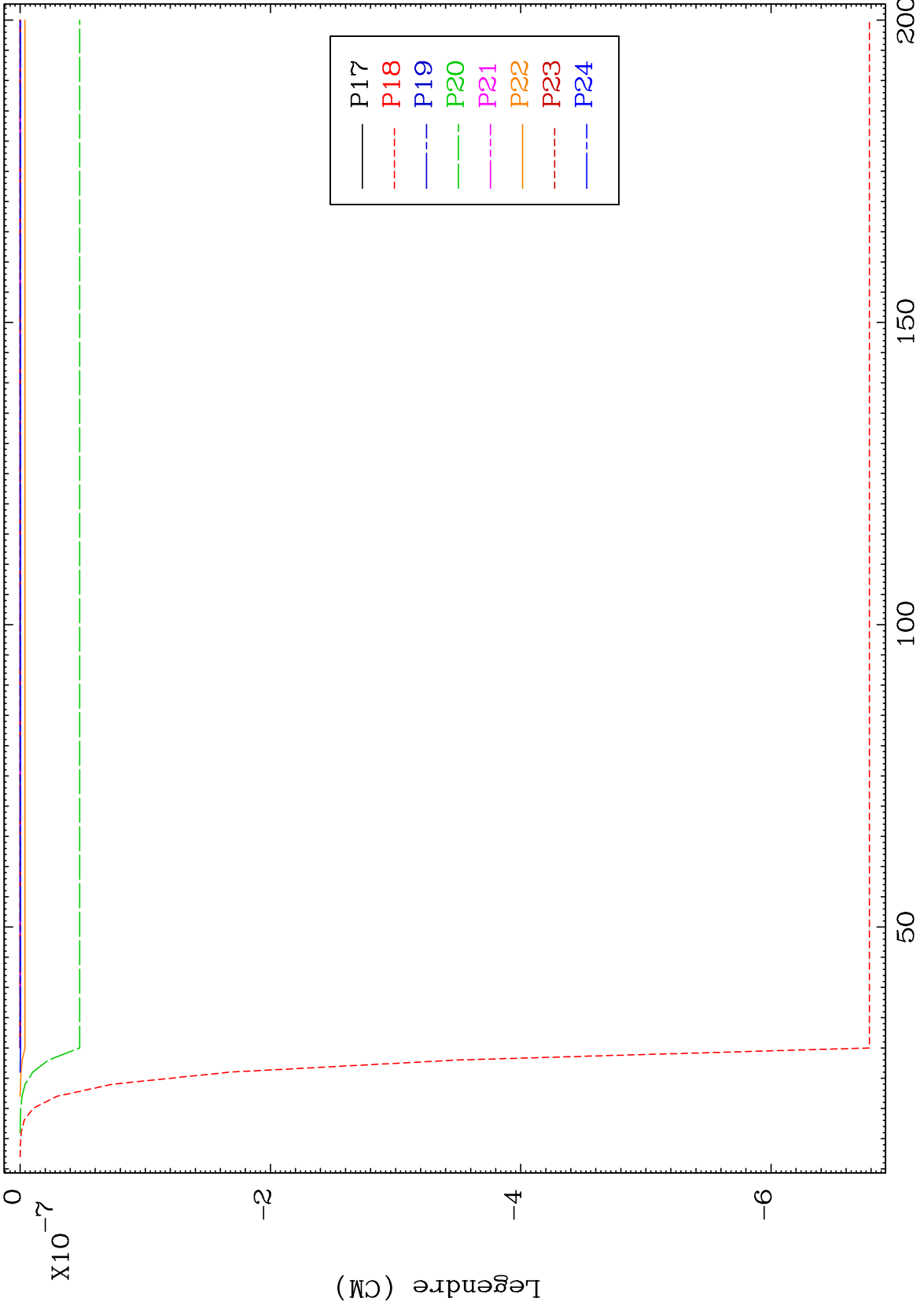


28

Incident Energy (MeV)

29-Cu-74

MAT 2958 MT= 53 (n,n') Level Legendre Coefficients 29-Cu-74

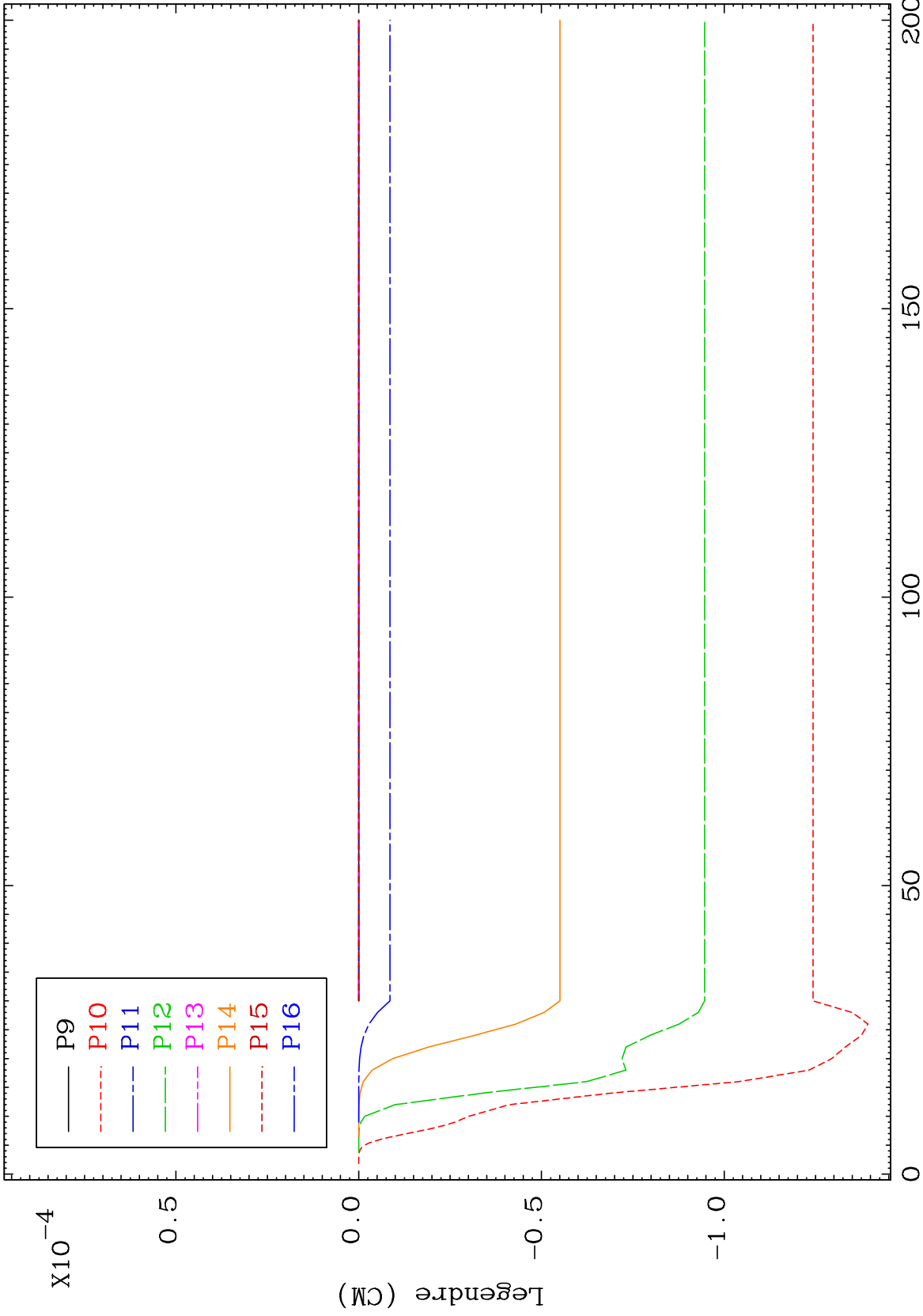


29 200 Incident Energy (MeV) 29-Cu-74

MAT 2958

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

29-Cu-74

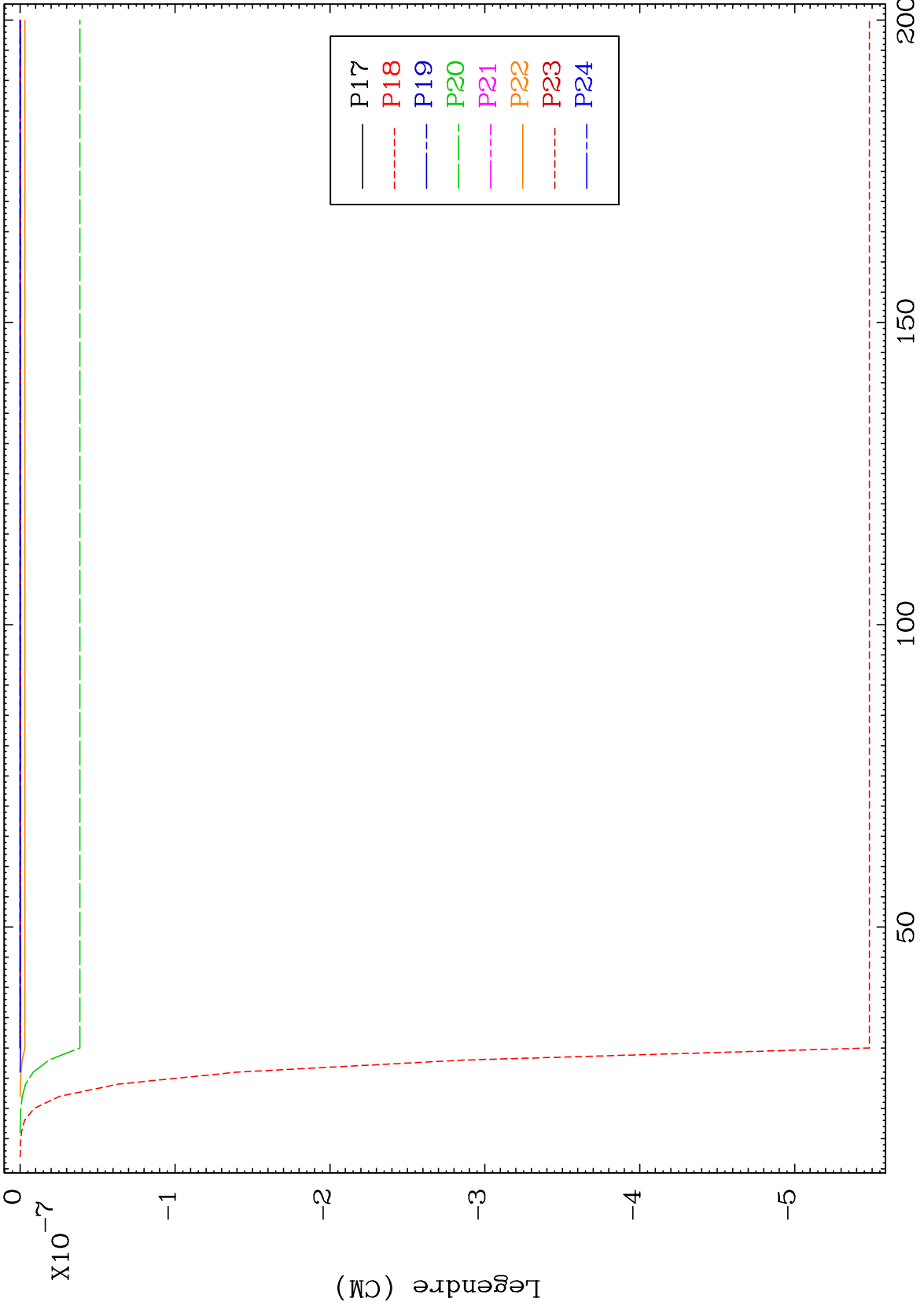


31

Incident Energy (MeV)

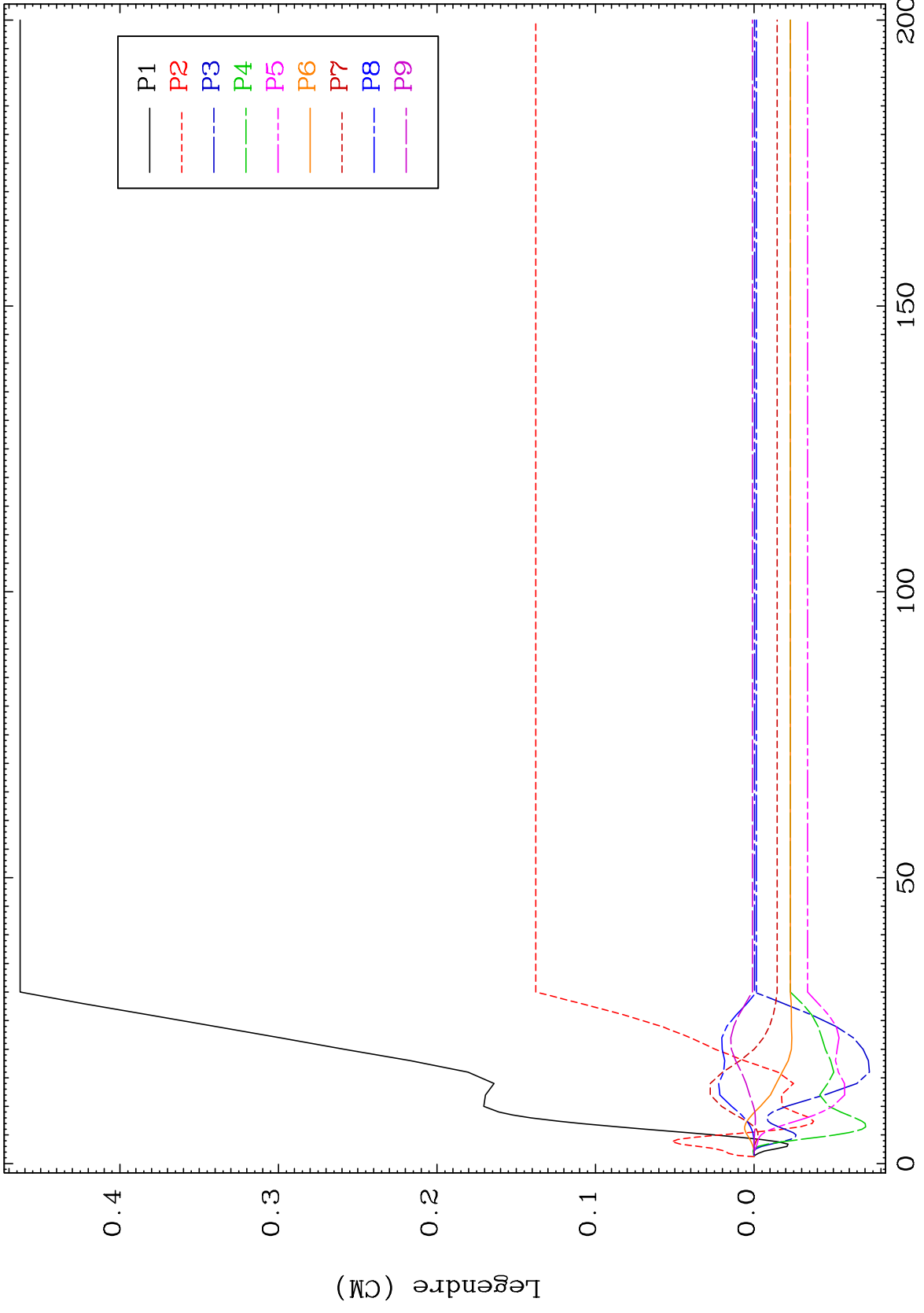
29-Cu-74

MAT 2958 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-74



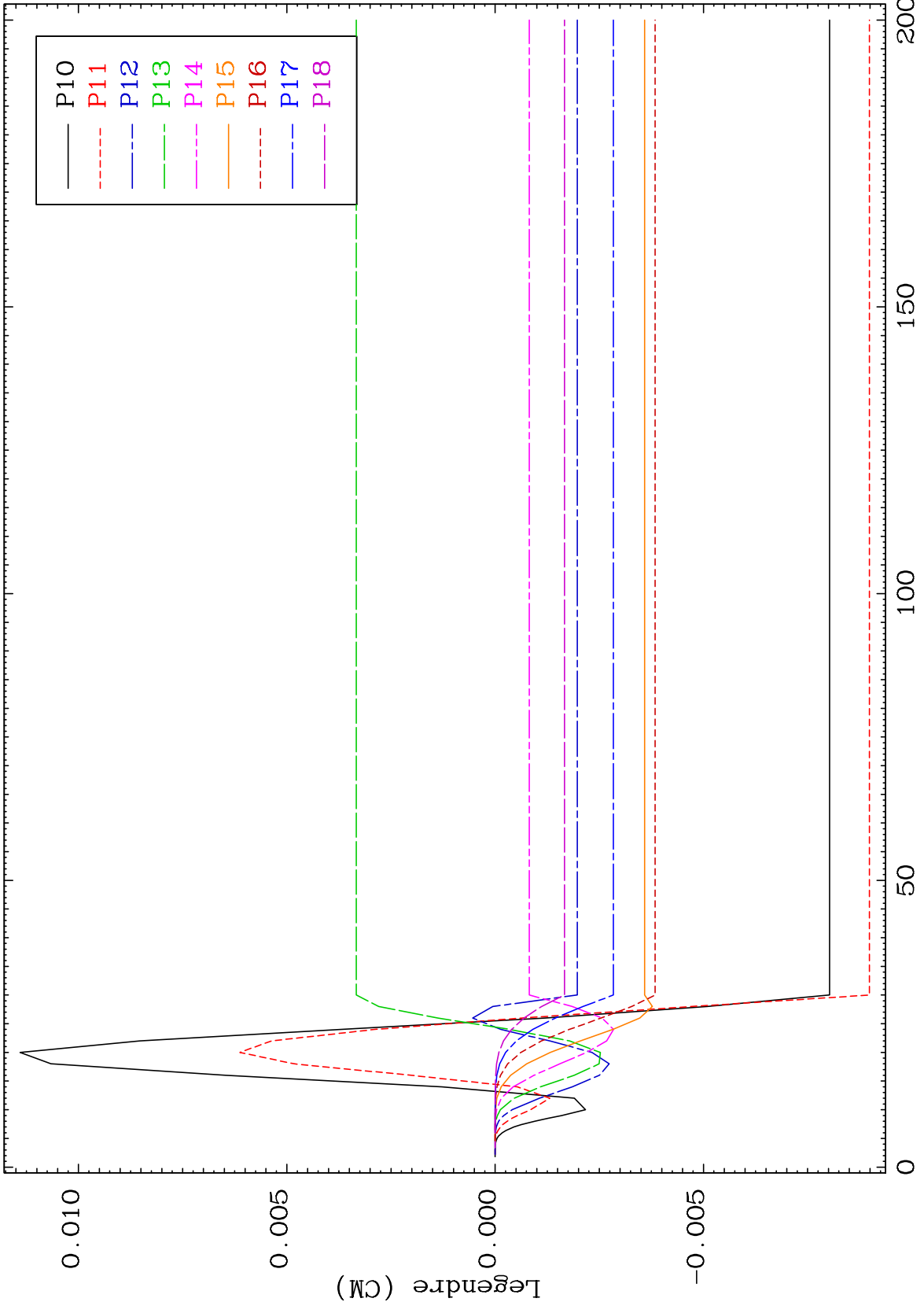
32 29-Cu-74

MAT 2958 MT= 55 (n,n') Level Legendre Coefficients 29-Cu-74



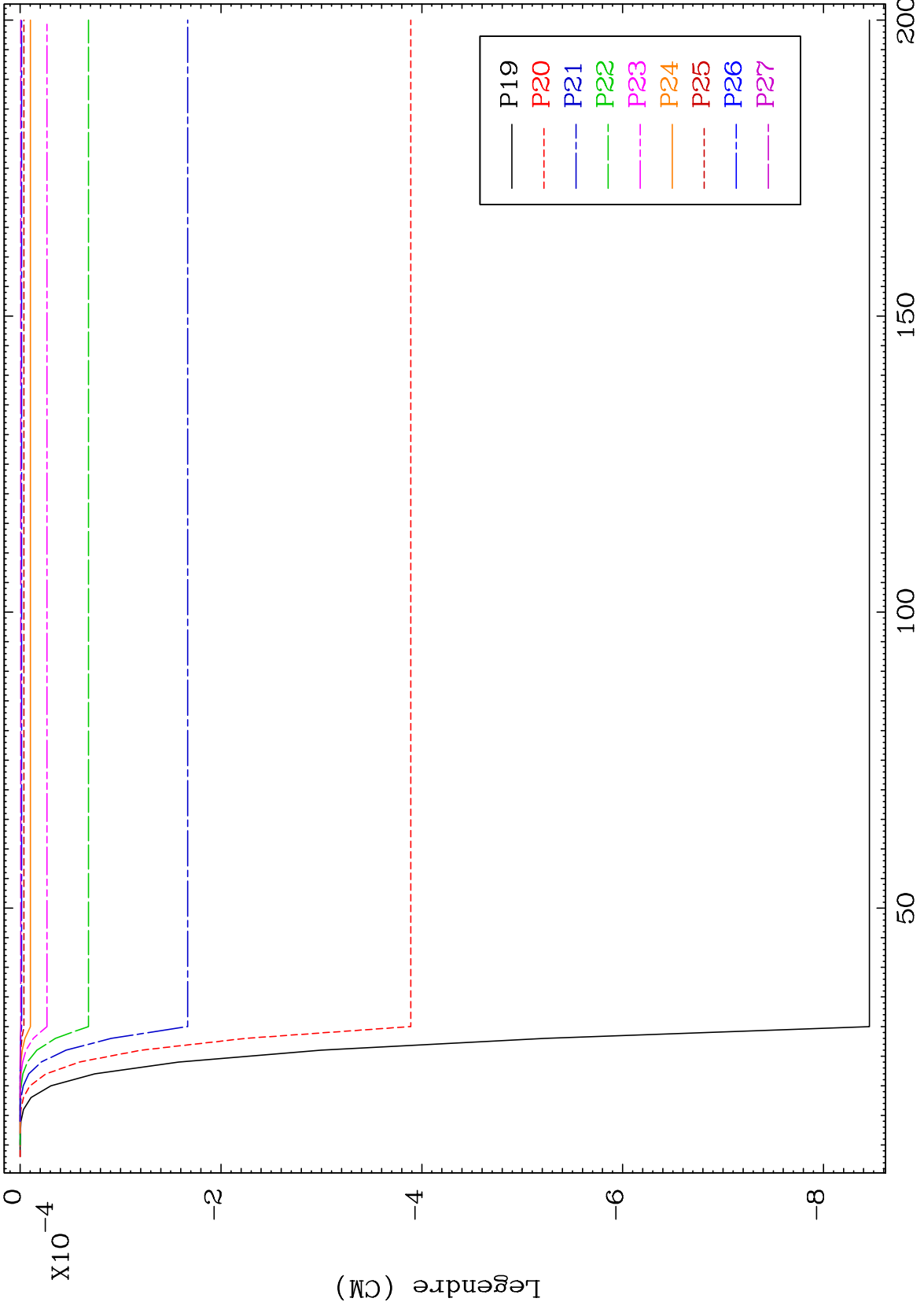
33 29-Cu-74

MAT 2958 MT= 55 (n,n') Level Legendre Coefficients 29-Cu-74



34 29-Cu-74

MAT 2958 MT= 55 (n,n') Level Legendre Coefficients 29-Cu-74

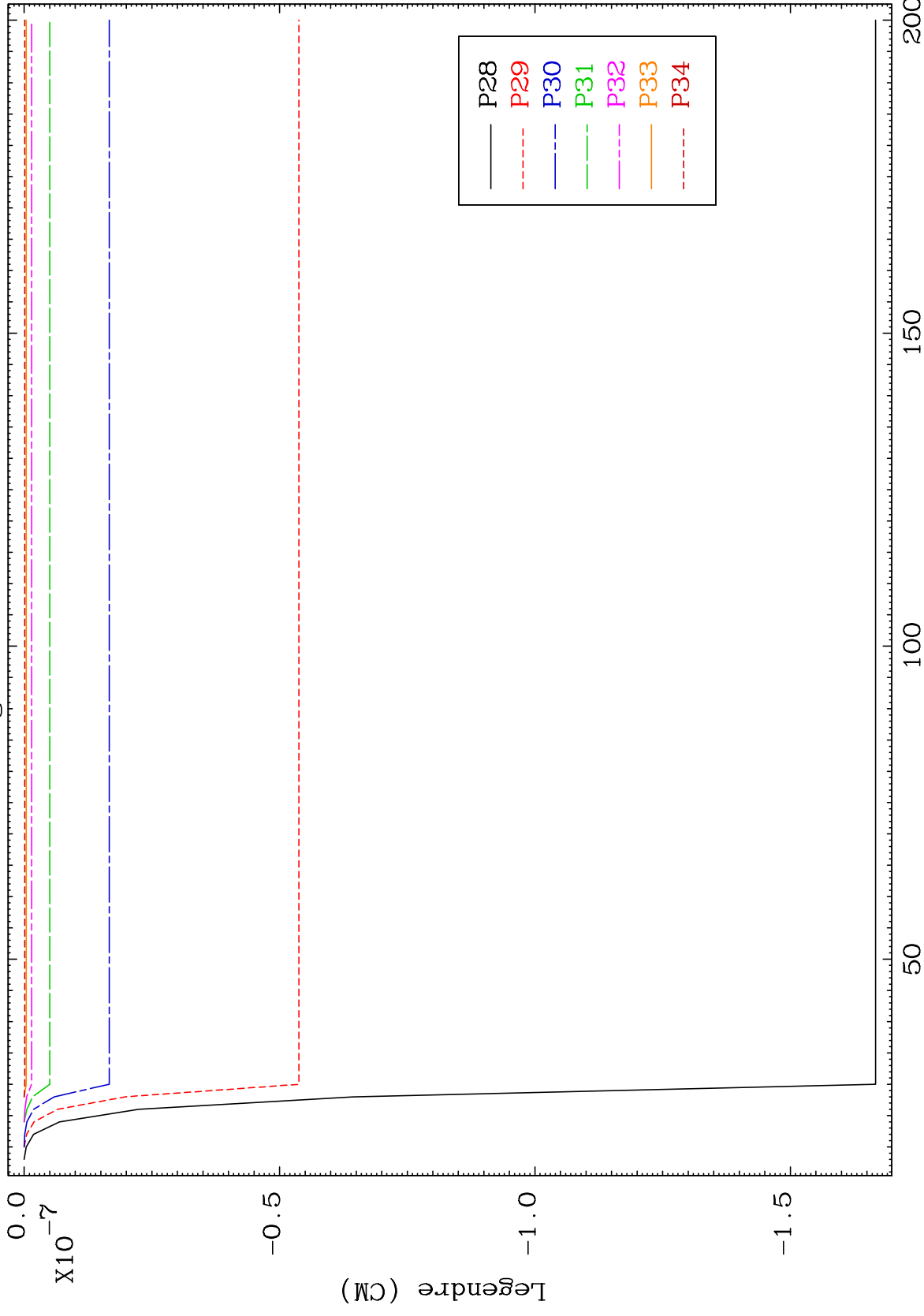


35 Incident Energy (MeV) 200 29-Cu-74

MAT 2958

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

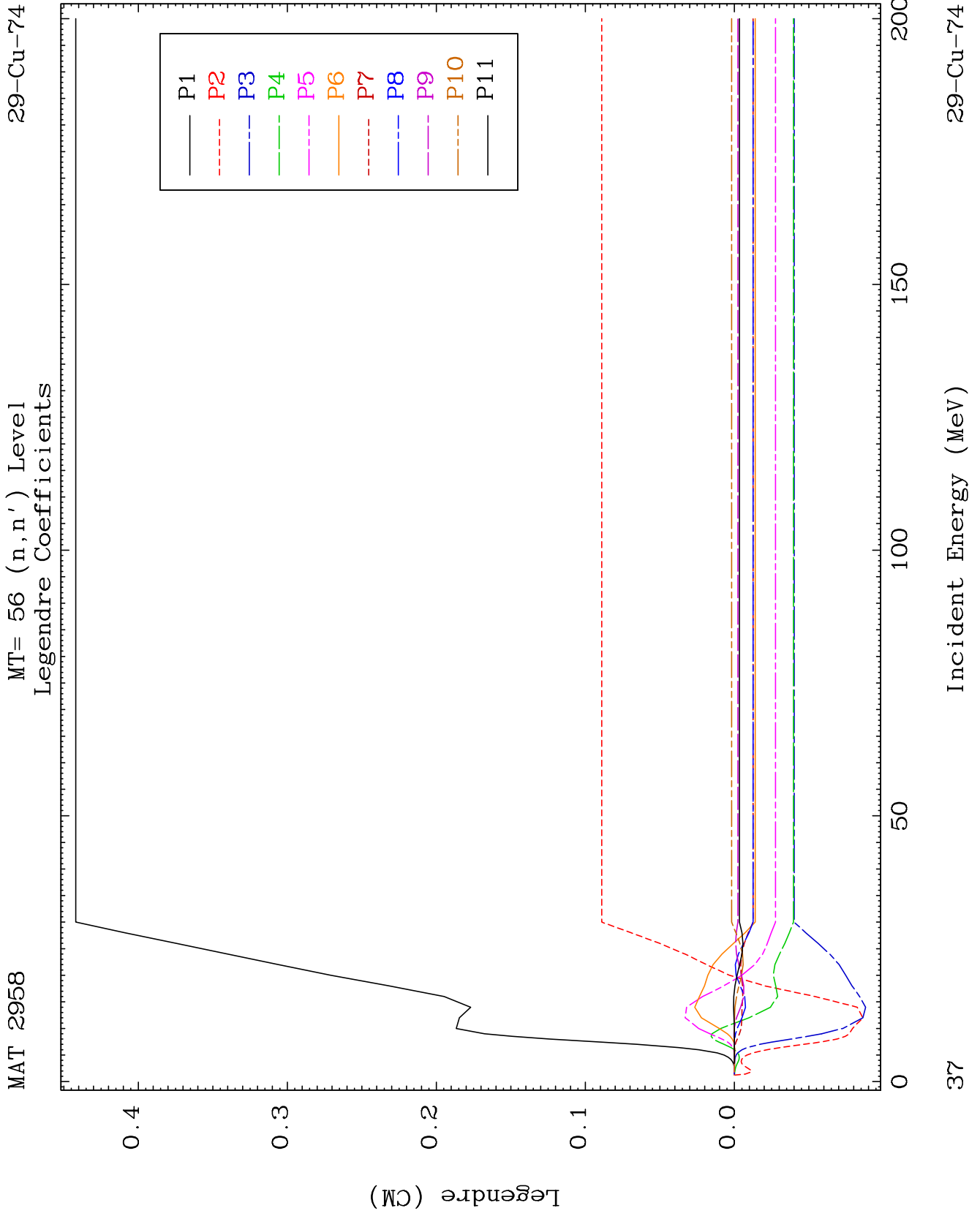
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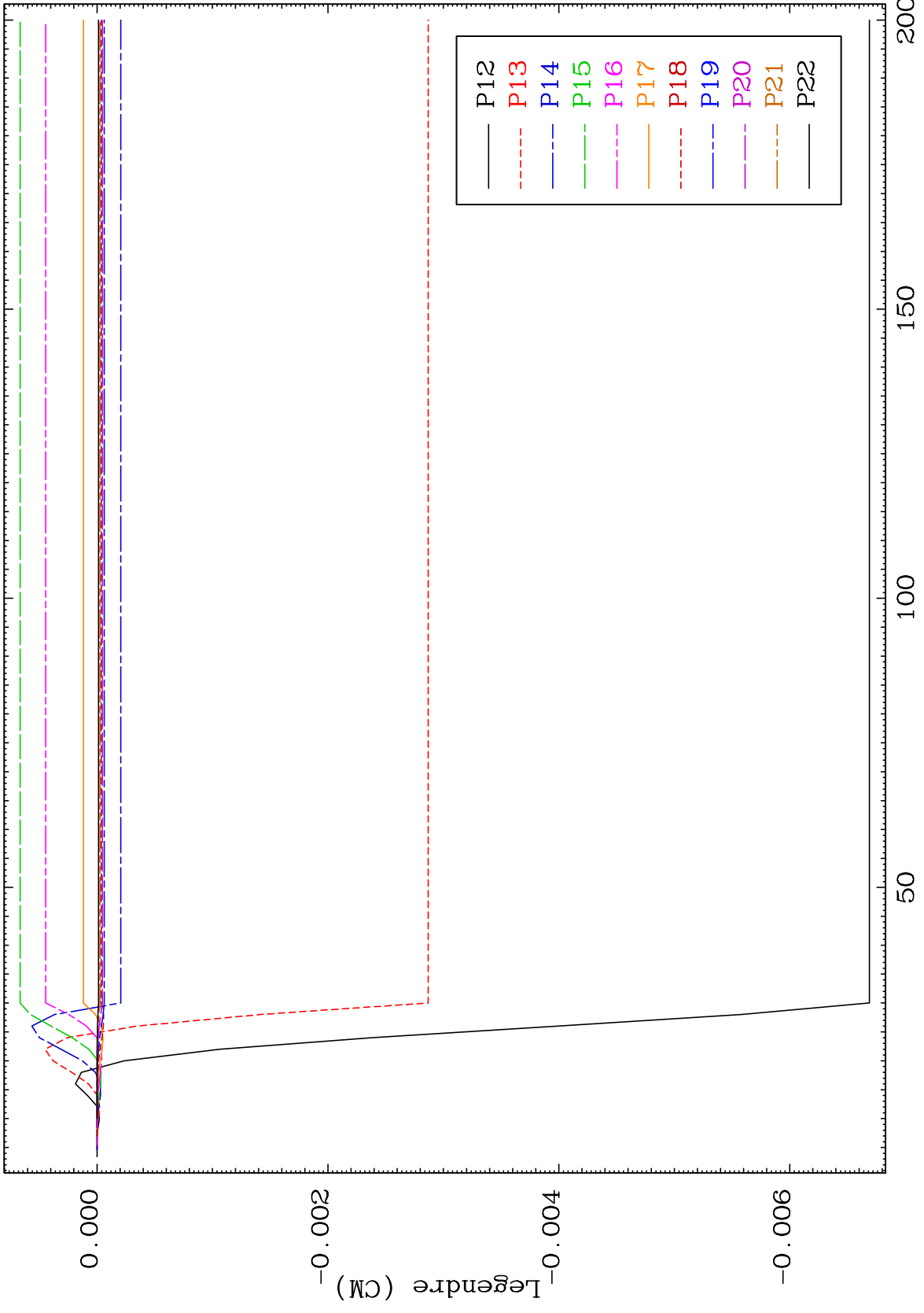
29-Cu-74

Incident Energy (MeV)

36



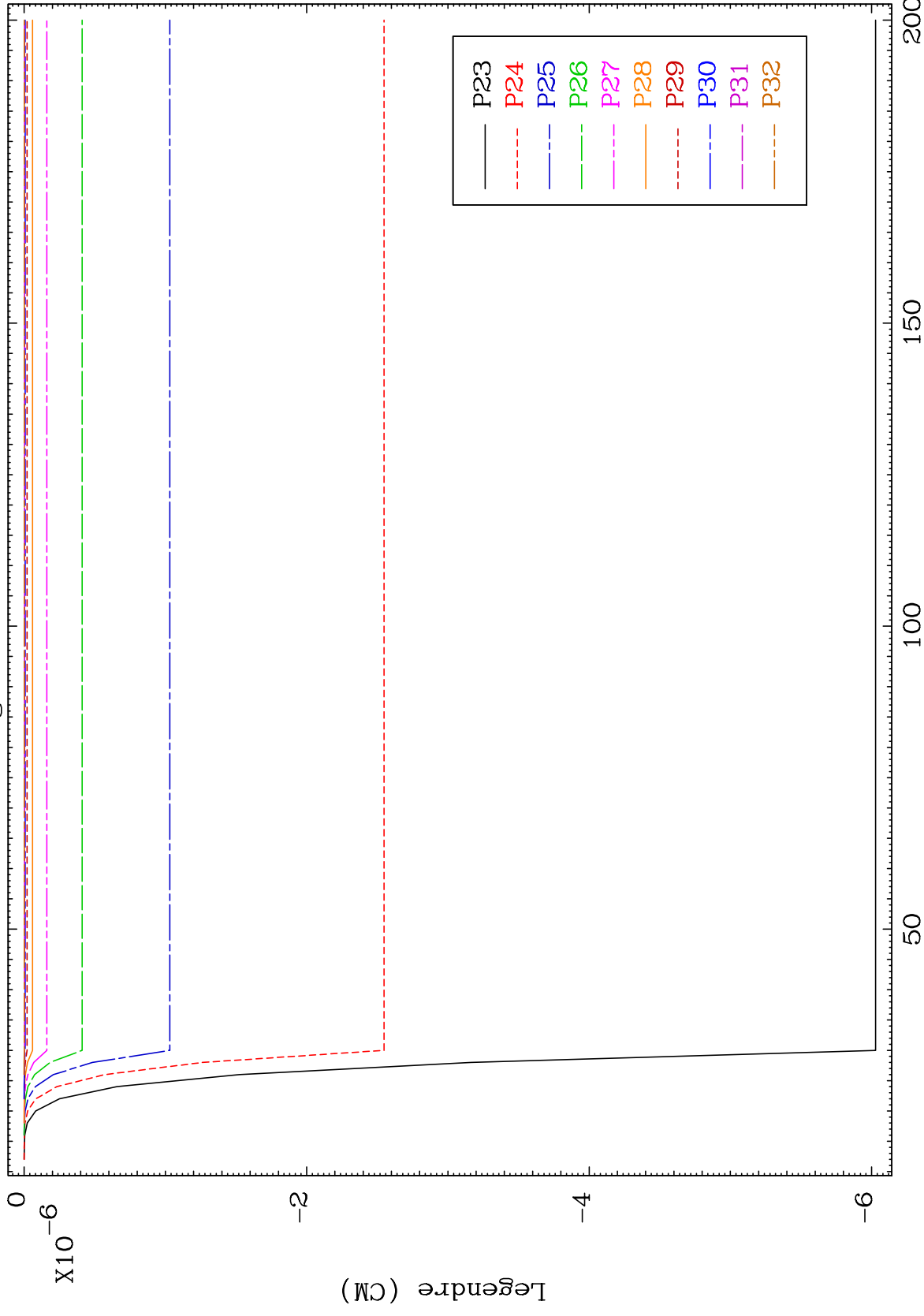
MAT 2958 MT= 56 (n,n') Level Legendre Coefficients 29-Cu-74



MAT 2958

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

29-Cu-74



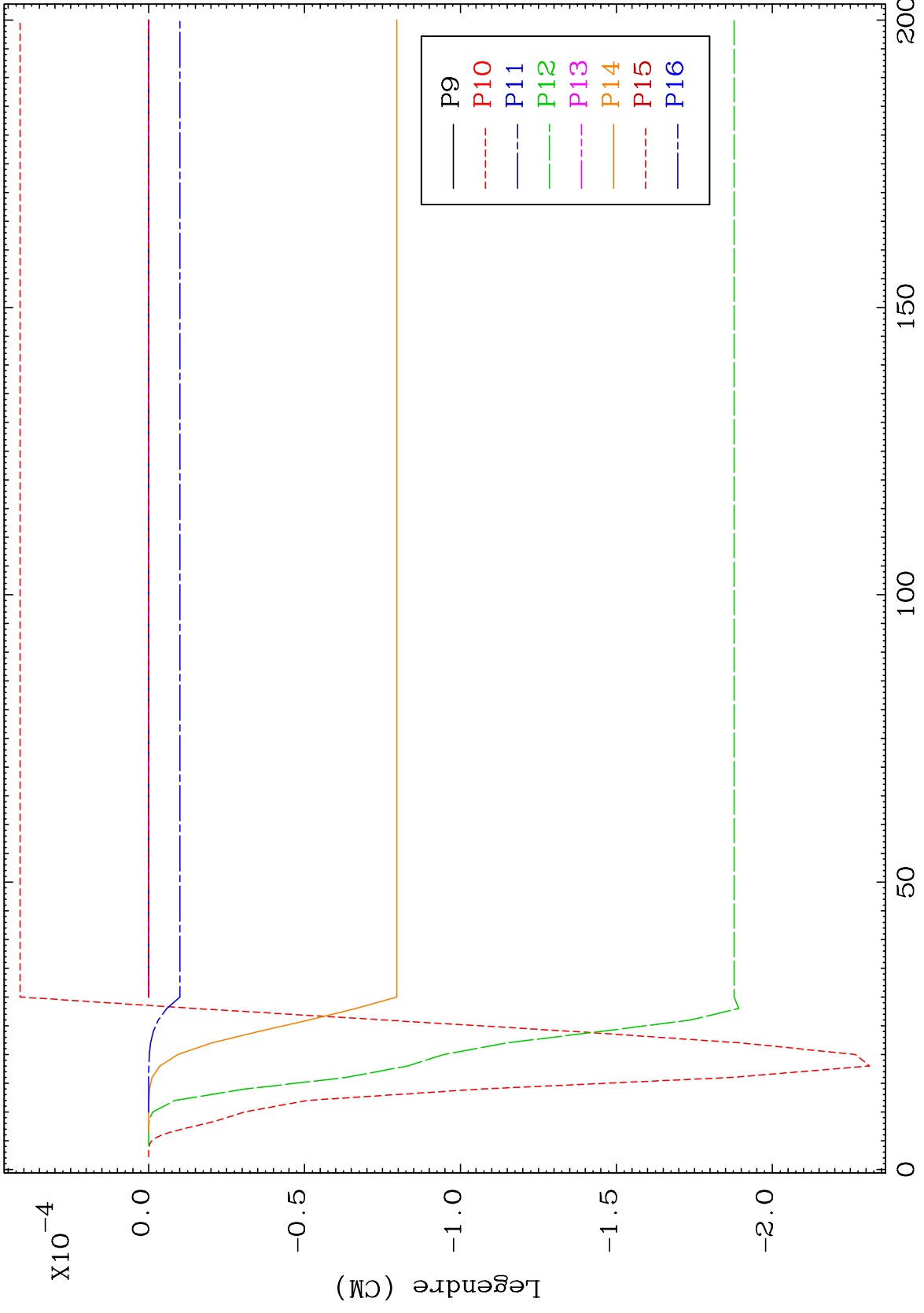
39

29-Cu-74

MAT 2958

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

29-Cu-74

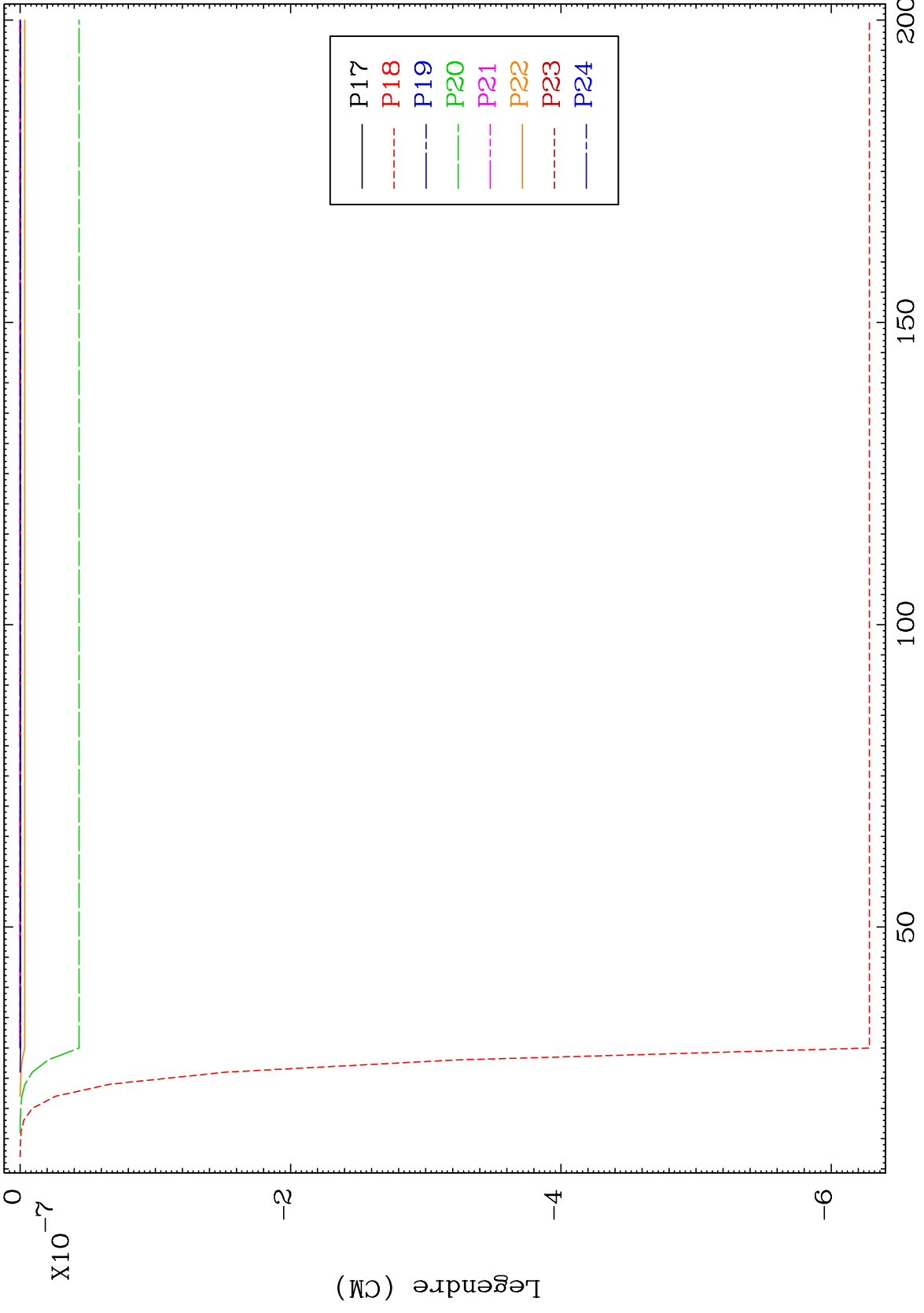


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Incident Energy (MeV)

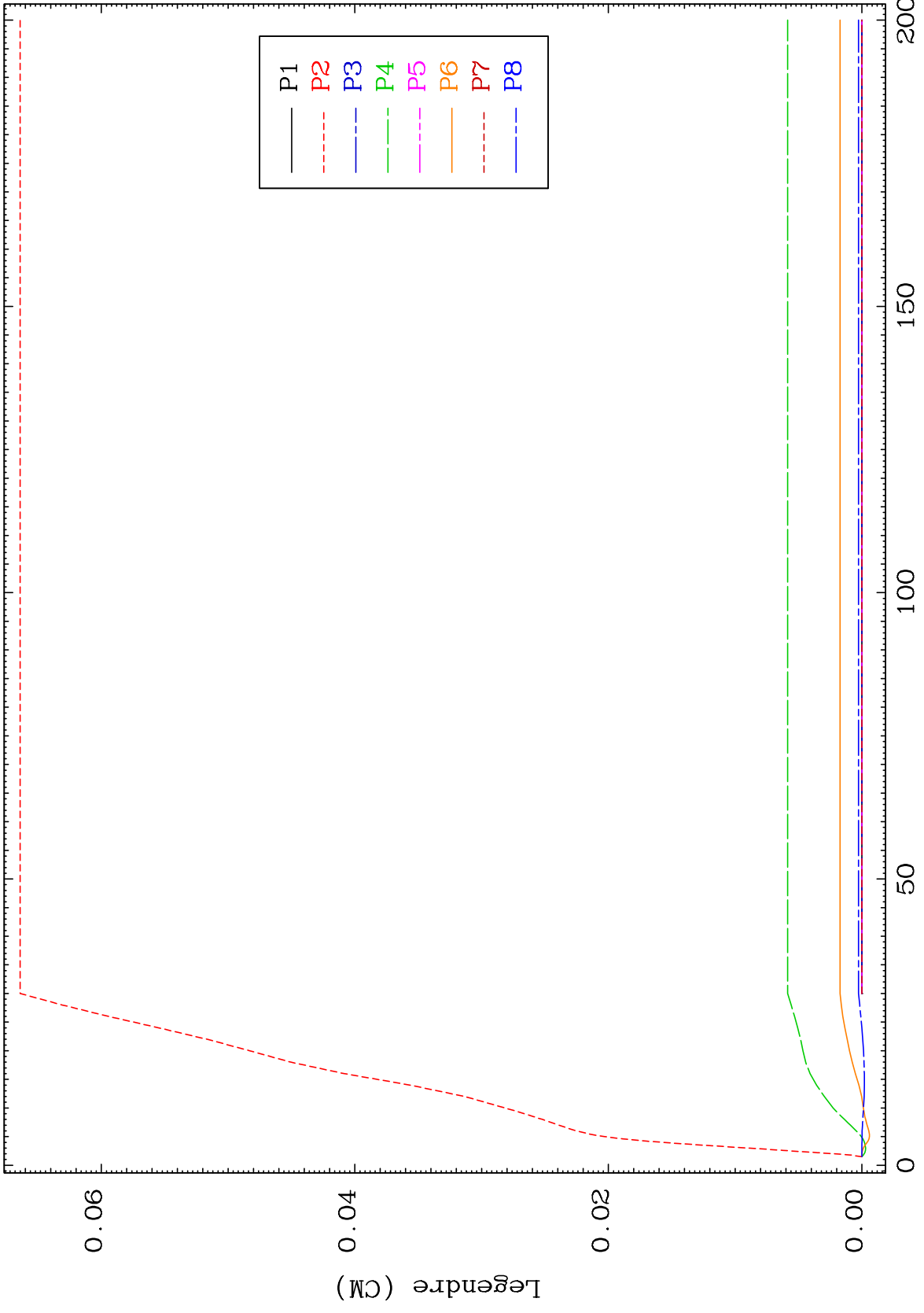
29-Cu-74

MAT 2958 MT= 57 (n,n') Level Legendre Coefficients 29-Cu-74



42 200

MAT 2958 MT= 58 (n,n') Level Legendre Coefficients 29-Cu-74

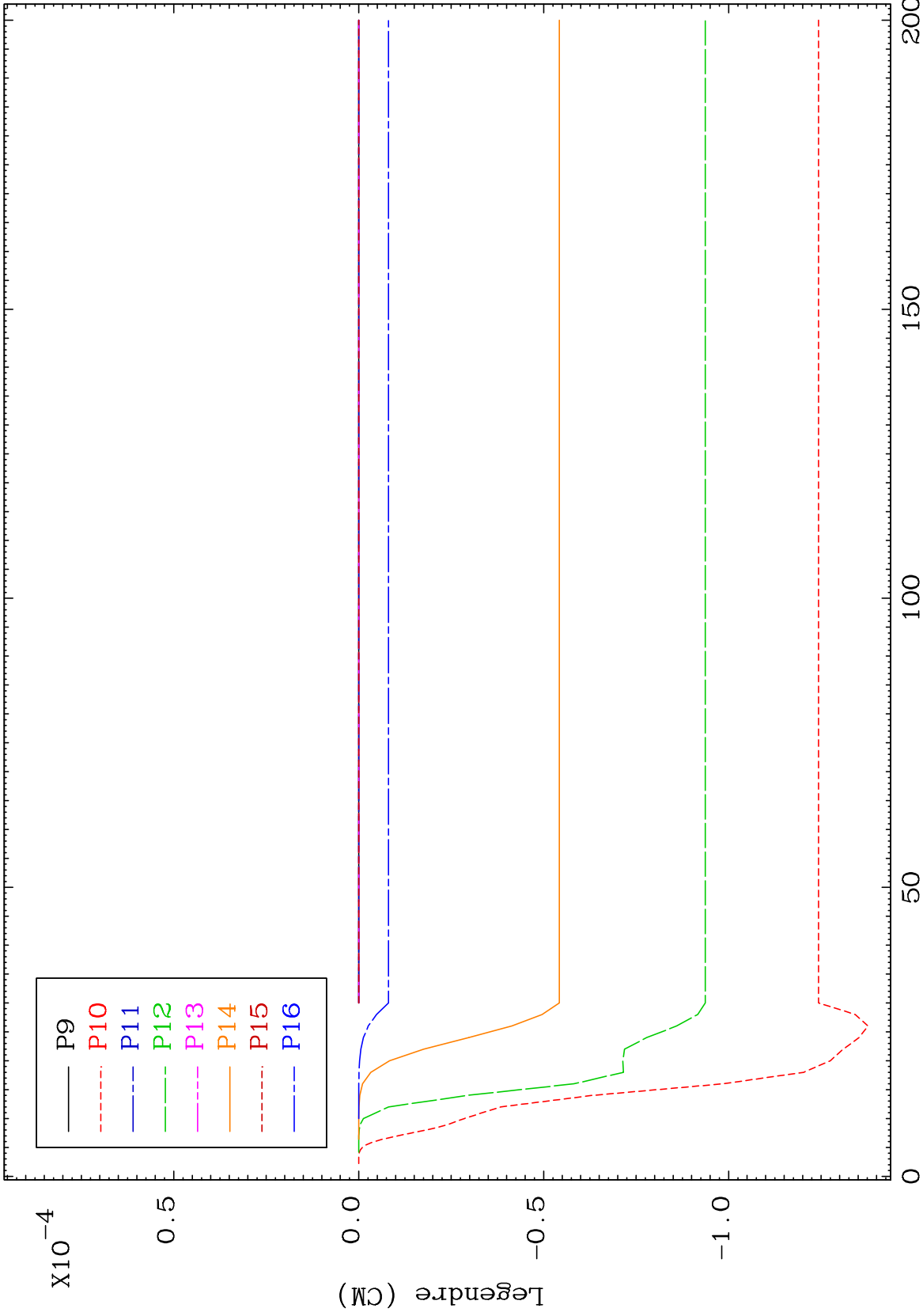


43 29-Cu-74

MAT 2958

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

29-Cu-74

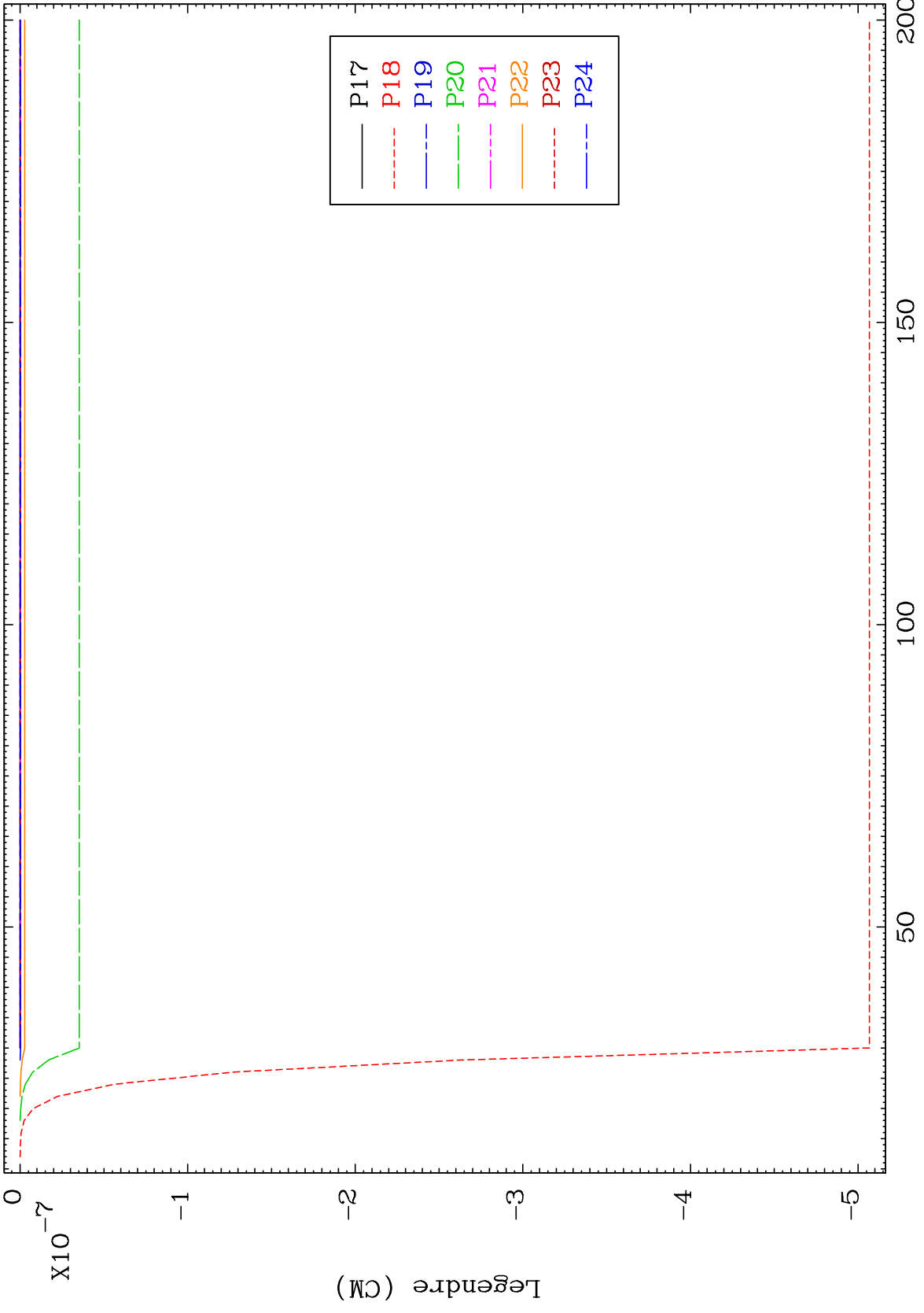


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Incident Energy (MeV)

29-Cu-74

MAT 2958 MT= 58 (n,n') Level Legendre Coefficients 29-Cu-74

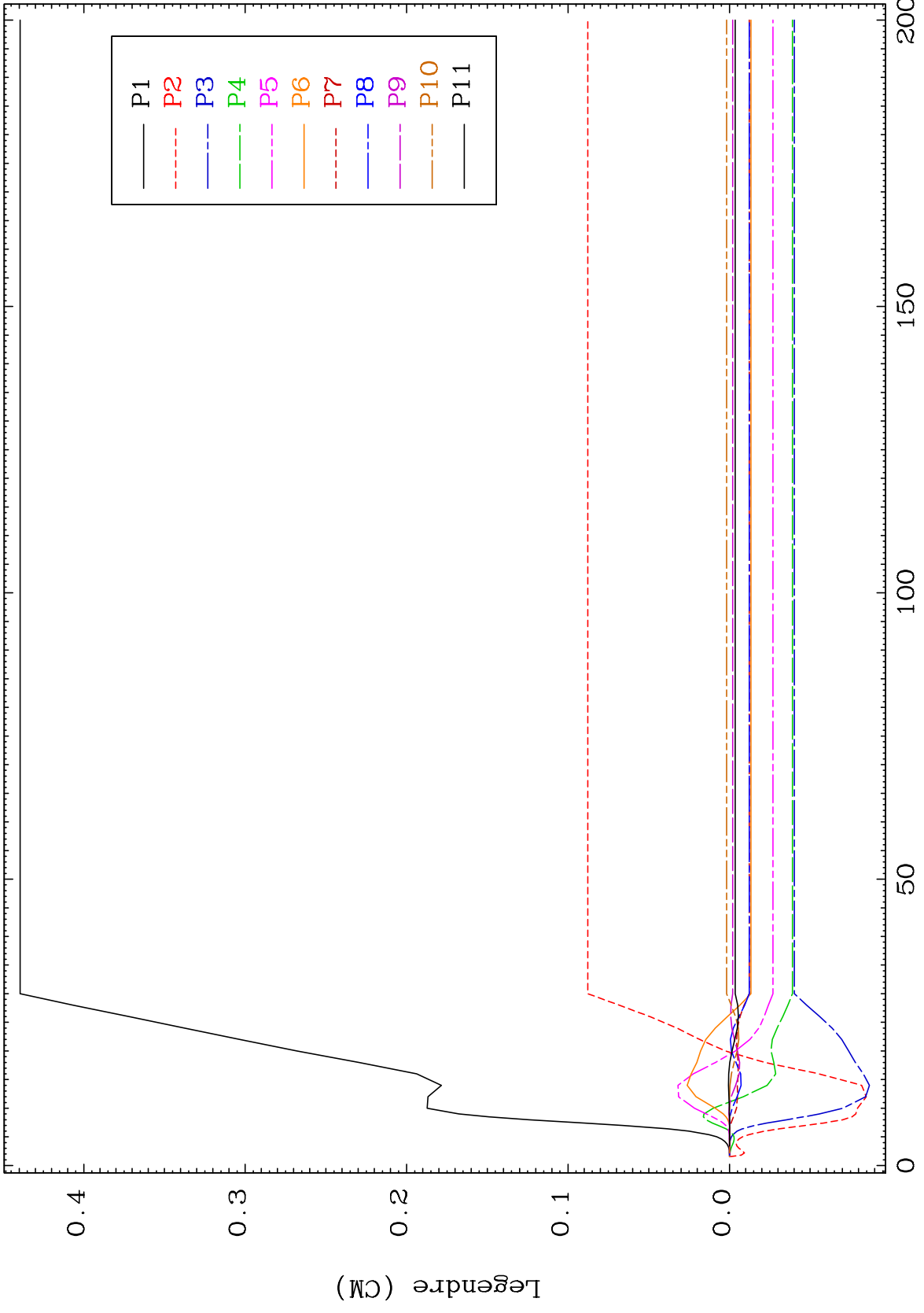


45 Incident Energy (MeV) 200 29-Cu-74

MAT 2958

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

29-Cu-74

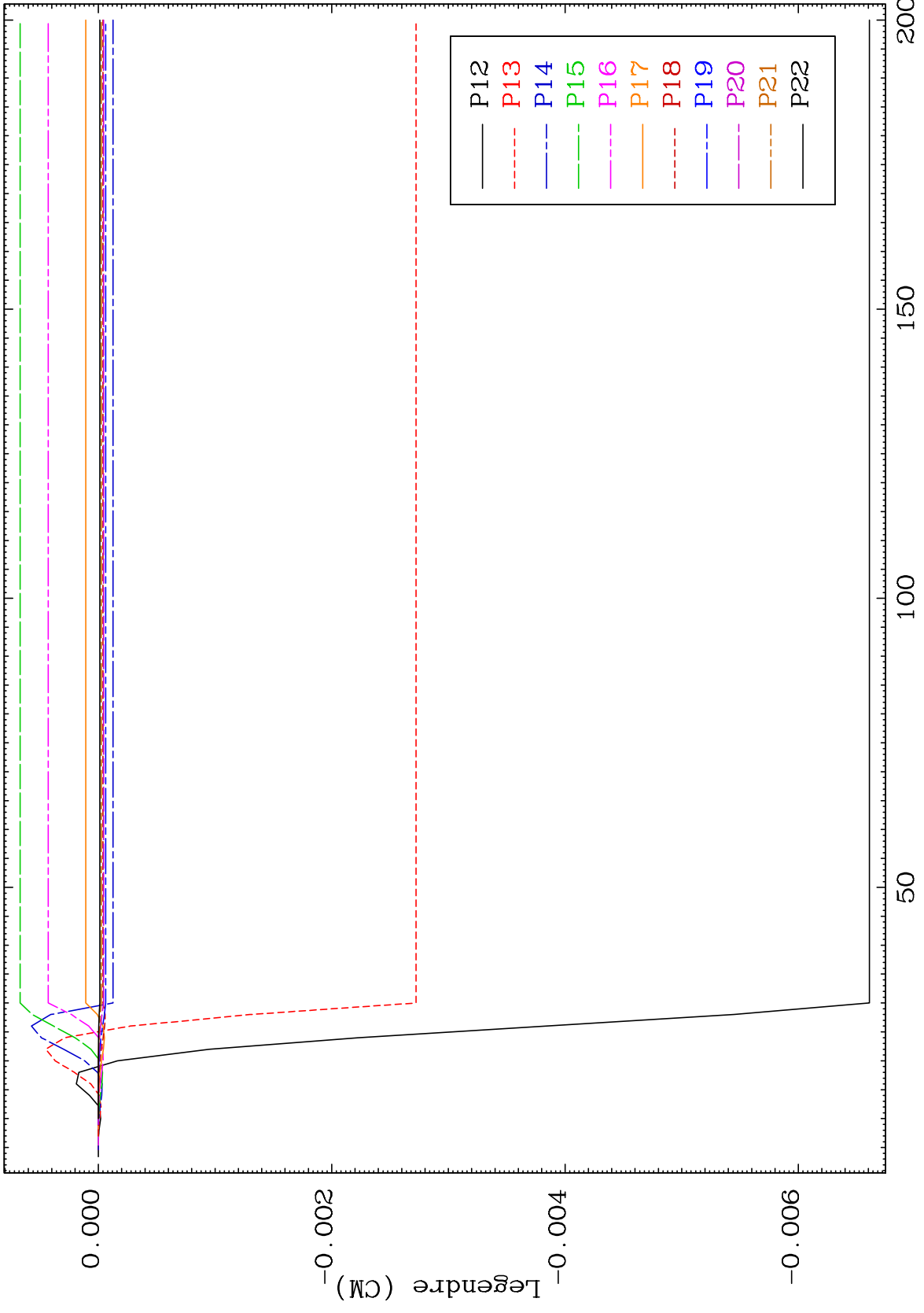


46

Incident Energy (MeV)

29-Cu-74

MAT 2958 MT= 59 (n,n') Level Legendre Coefficients 29-Cu-74

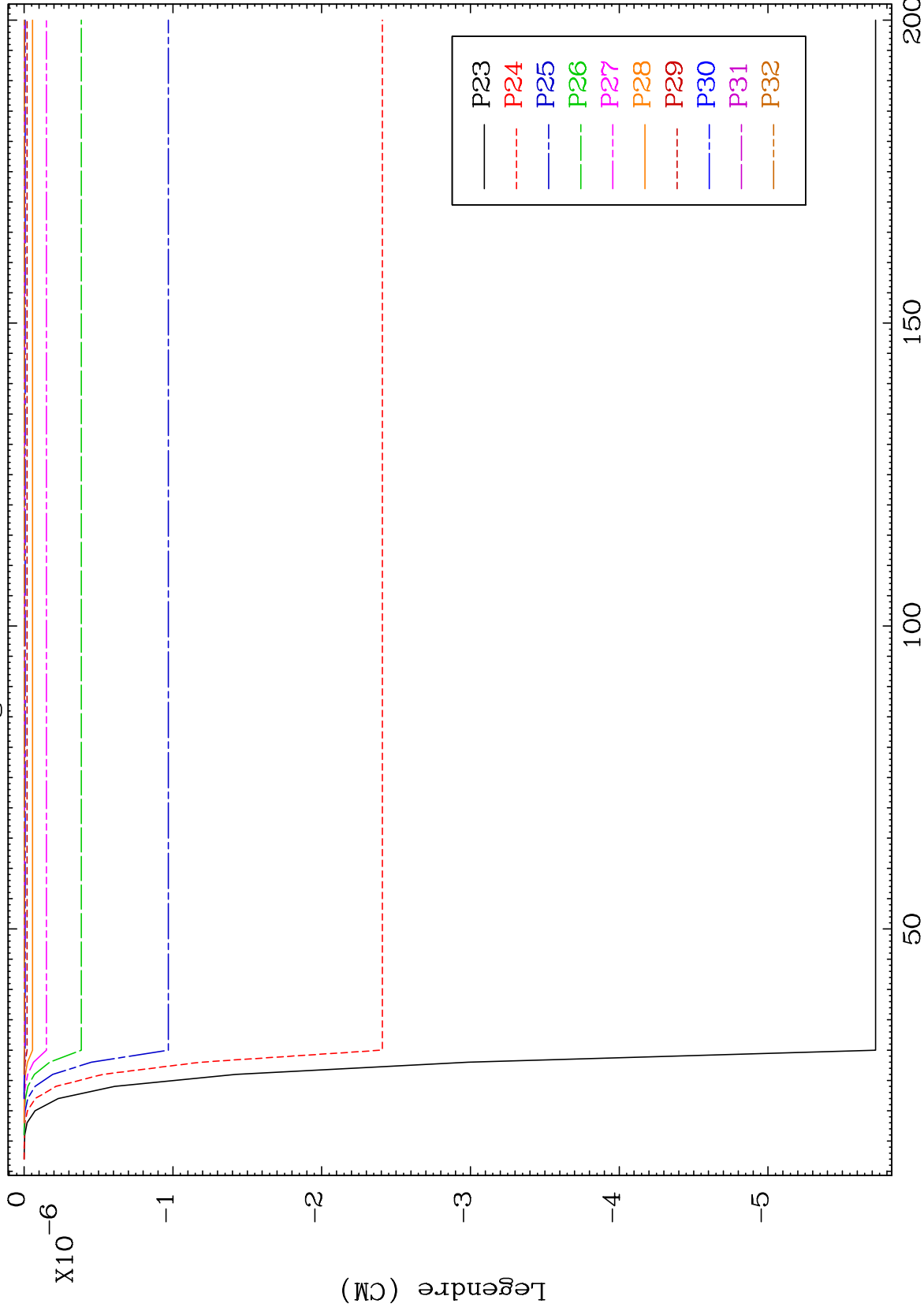


47 29-Cu-74

MAT 2958

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

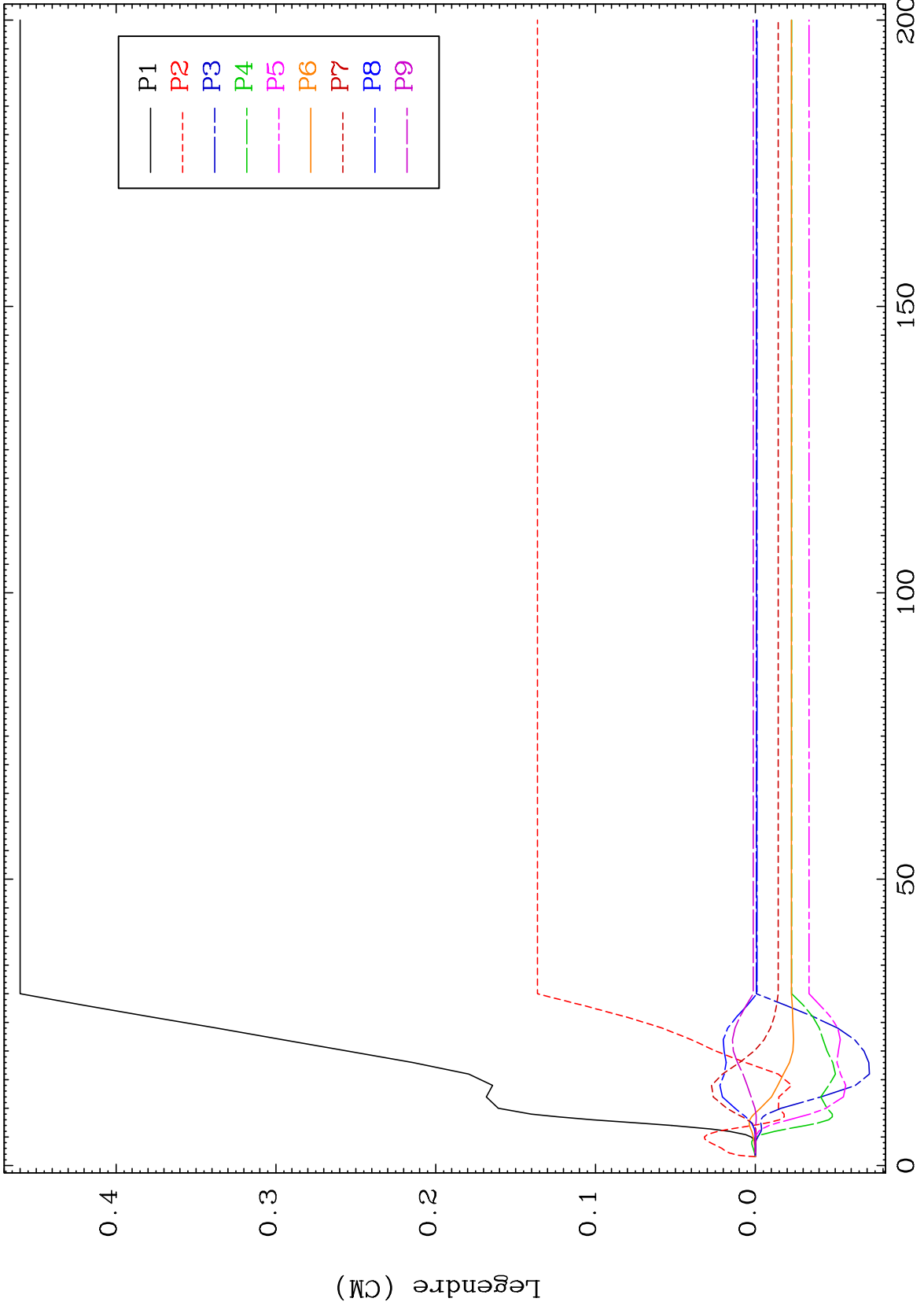
29-Cu-74



48

29-Cu-74

MAT 2958 MT= 60 (n,n') Level Legendre Coefficients 29-Cu-74

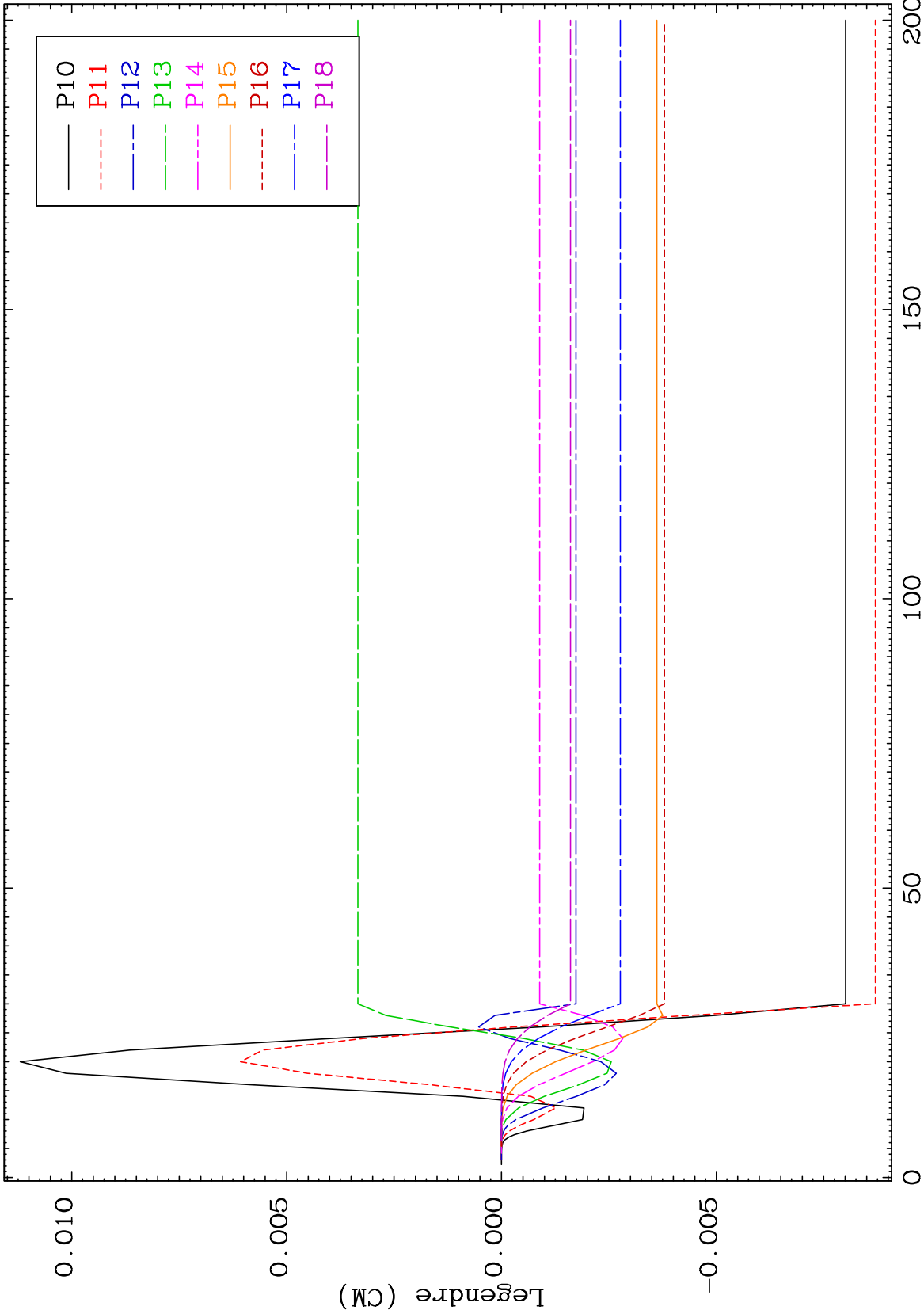


49 29-Cu-74

MAT 2958

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

29-Cu-74

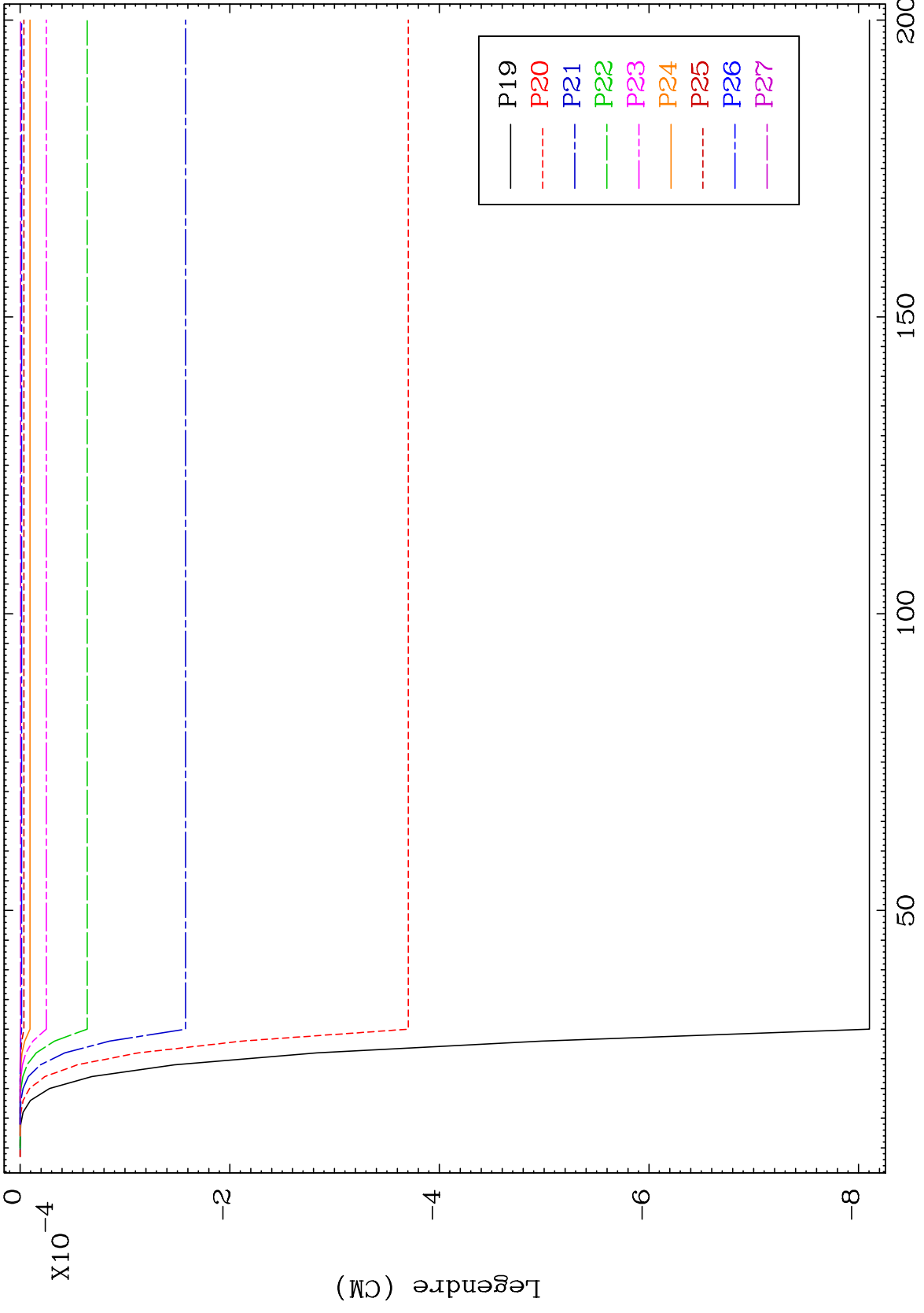


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Incident Energy (MeV)

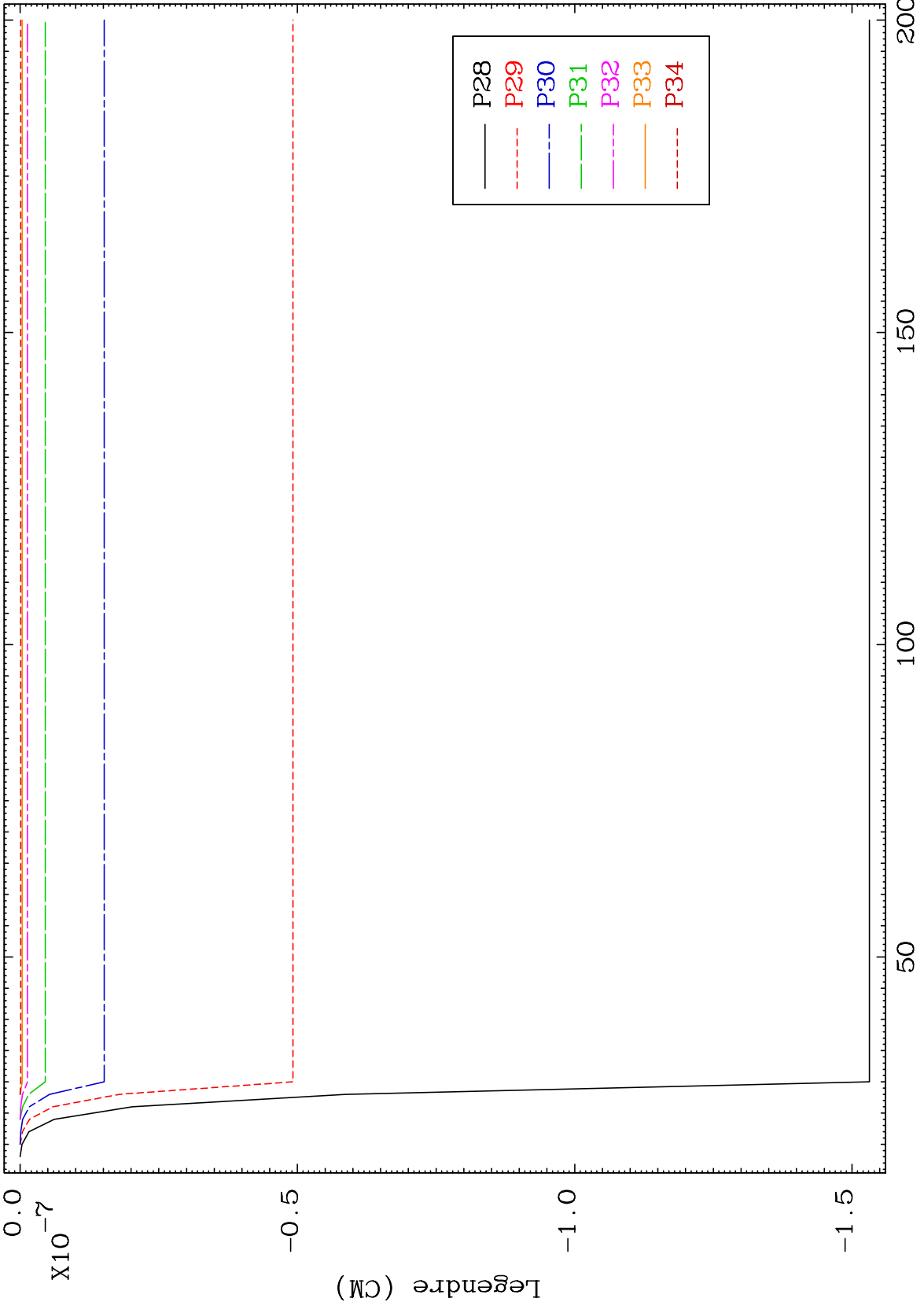
29-Cu-74

MAT 2958 MT= 60 (n,n') Level Legendre Coefficients 29-Cu-74



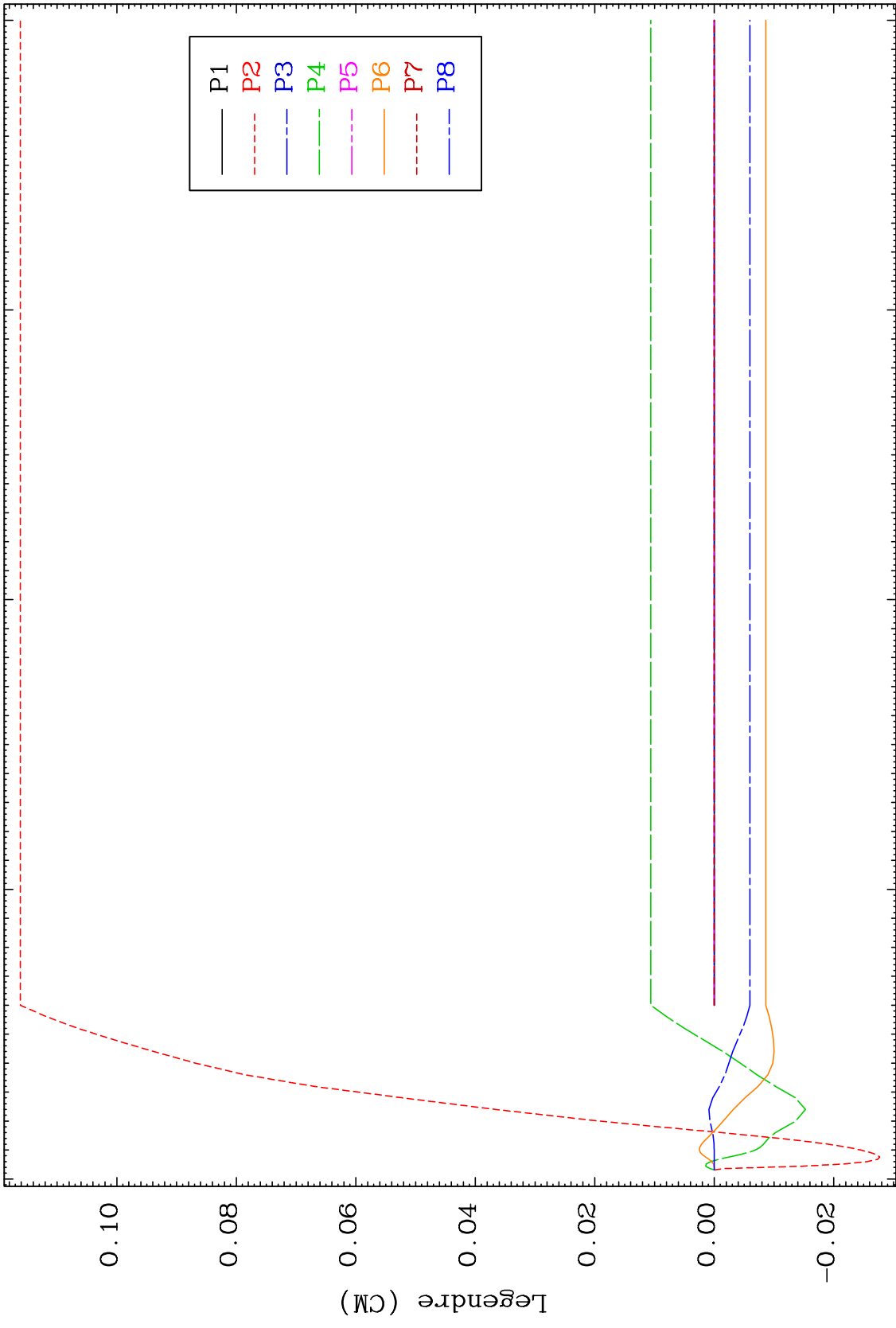
51 29-Cu-74

MAT 2958 MT= 60 (n,n') Level Legendre Coefficients 29-Cu-74



52 Incident Energy (MeV) 200 29-Cu-74

MAT 2958 MT= 61 (n,n') Level Legendre Coefficients 29-Cu-74

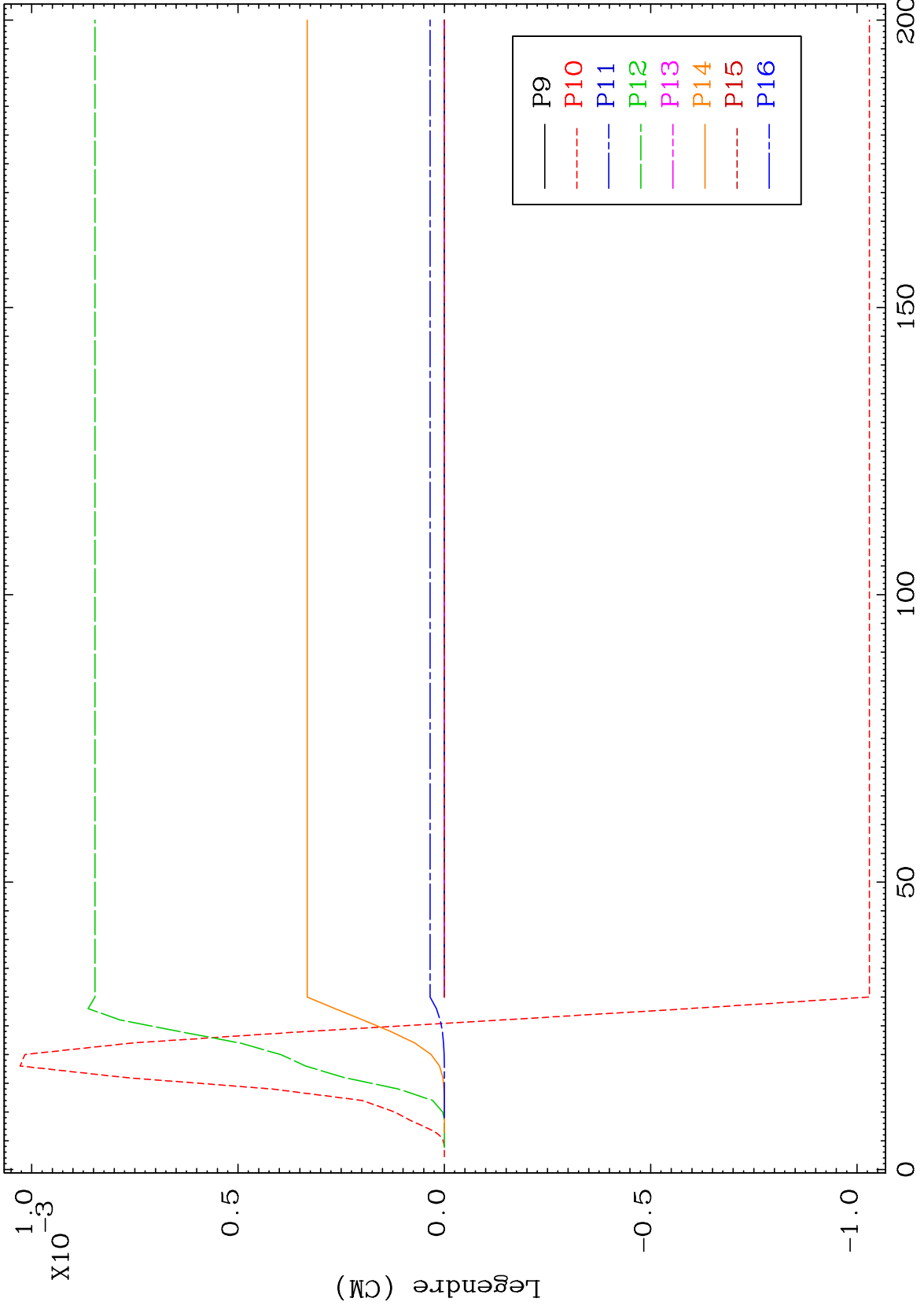


53 Incident Energy (MeV) 29-Cu-74

MAT 2958

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

29-Cu-74

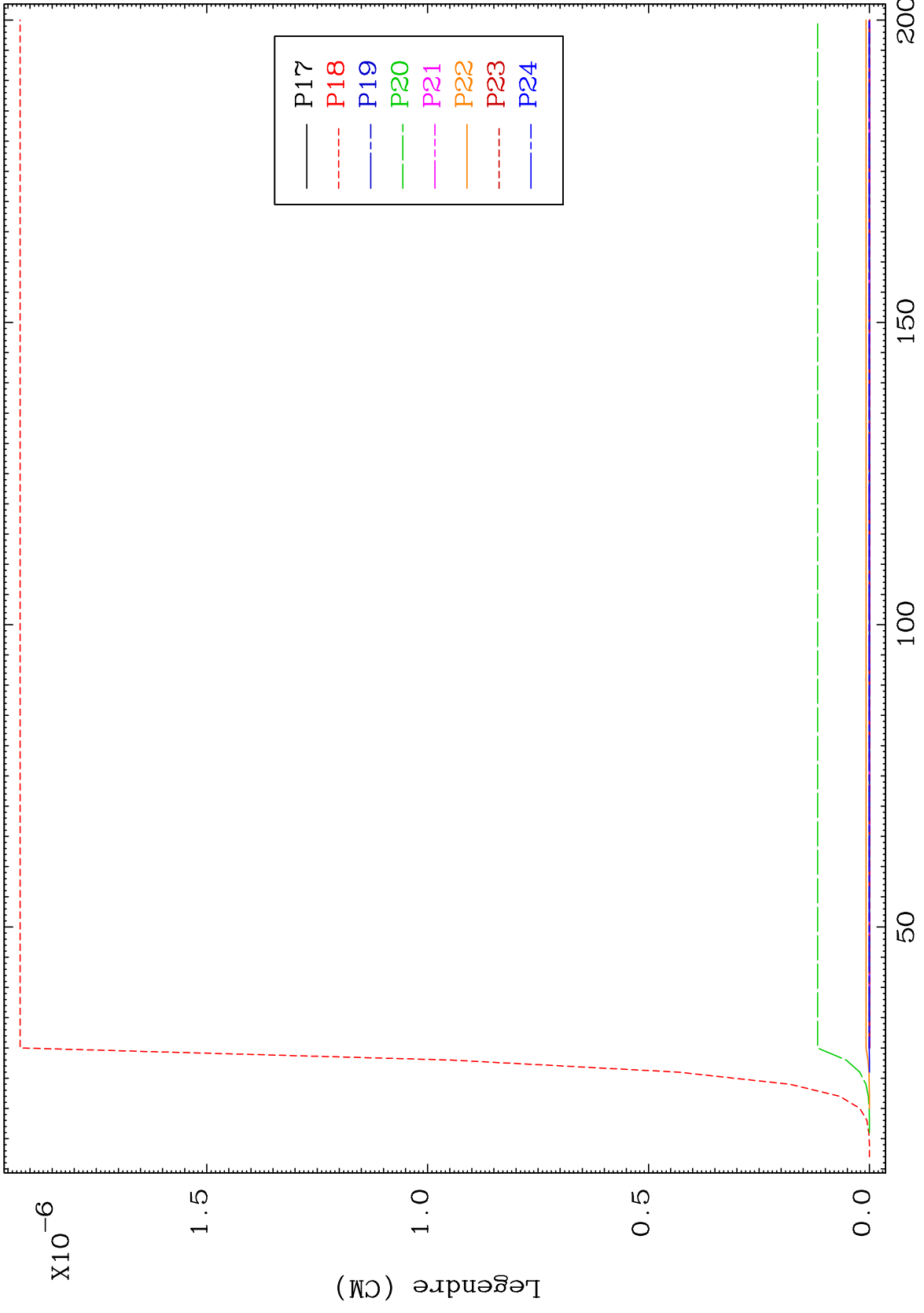


54

Incident Energy (MeV)

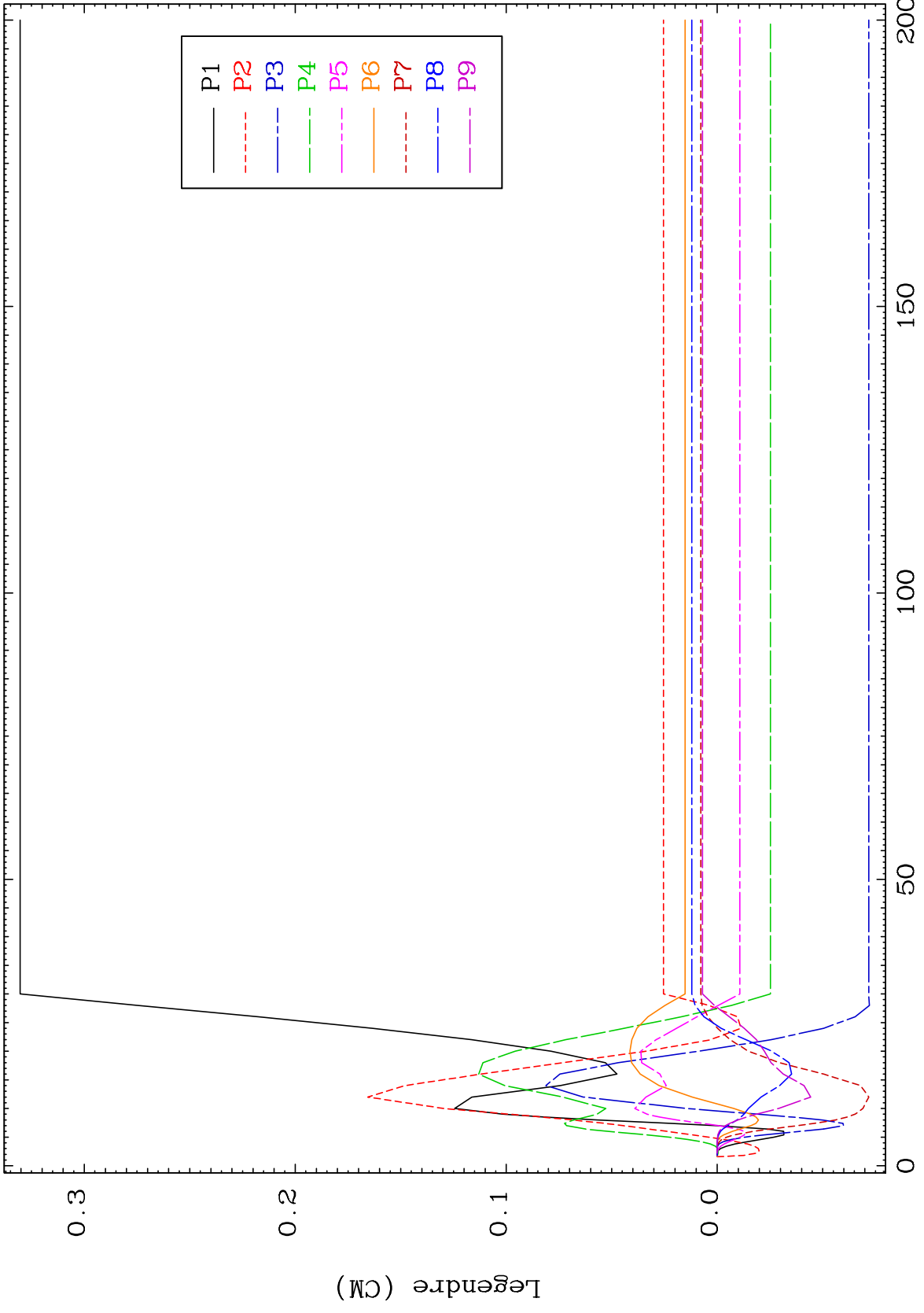
29-Cu-74

MAT 2958 MT= 61 (n,n') Level Legendre Coefficients 29-Cu-74



55 100 150 200 29-Cu-74

MAT 2958 MT= 62 (n,n') Level Legendre Coefficients 29-Cu-74

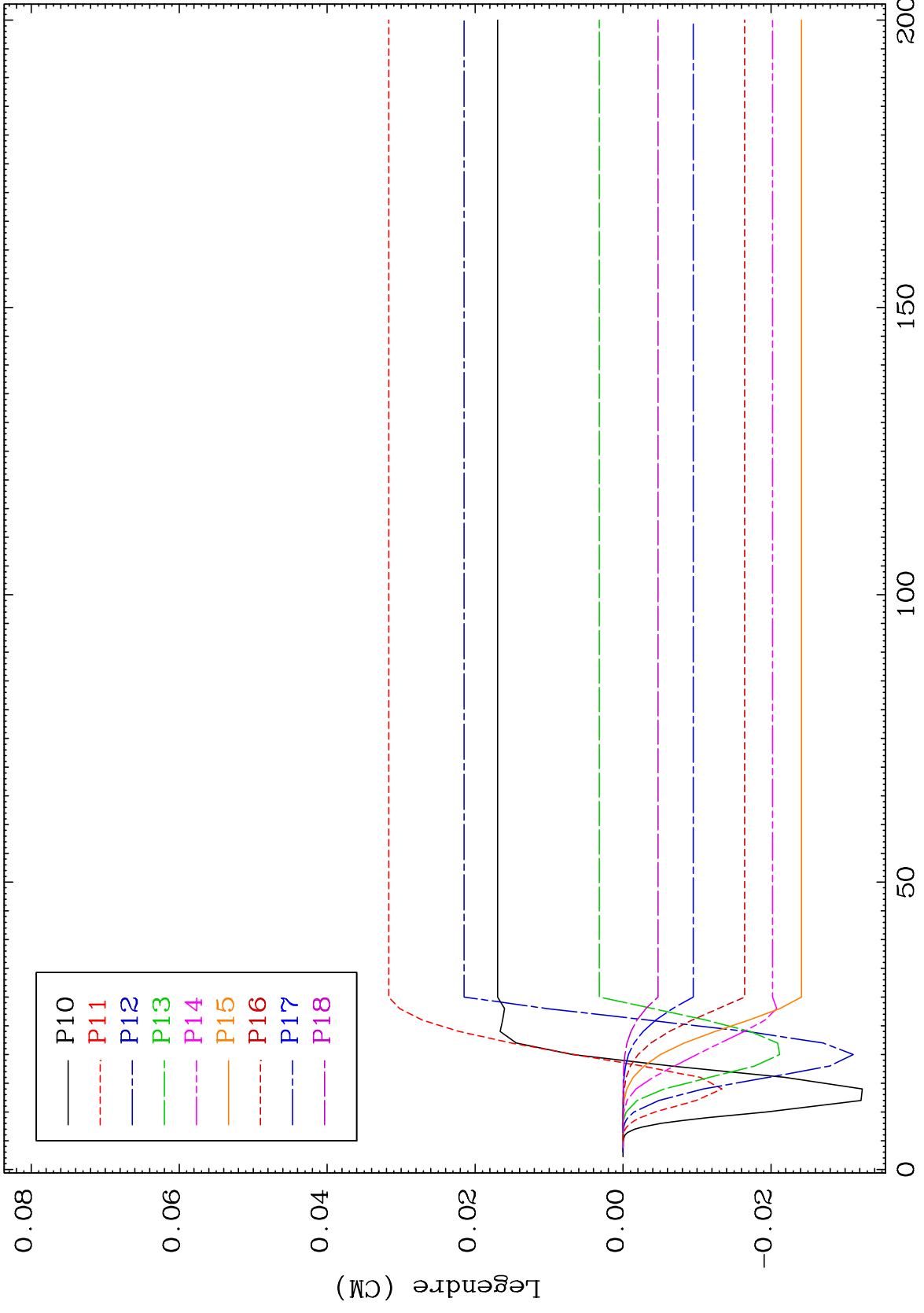


56 Incident Energy (MeV) 29-Cu-74

MAT 2958

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

29-Cu-74



57

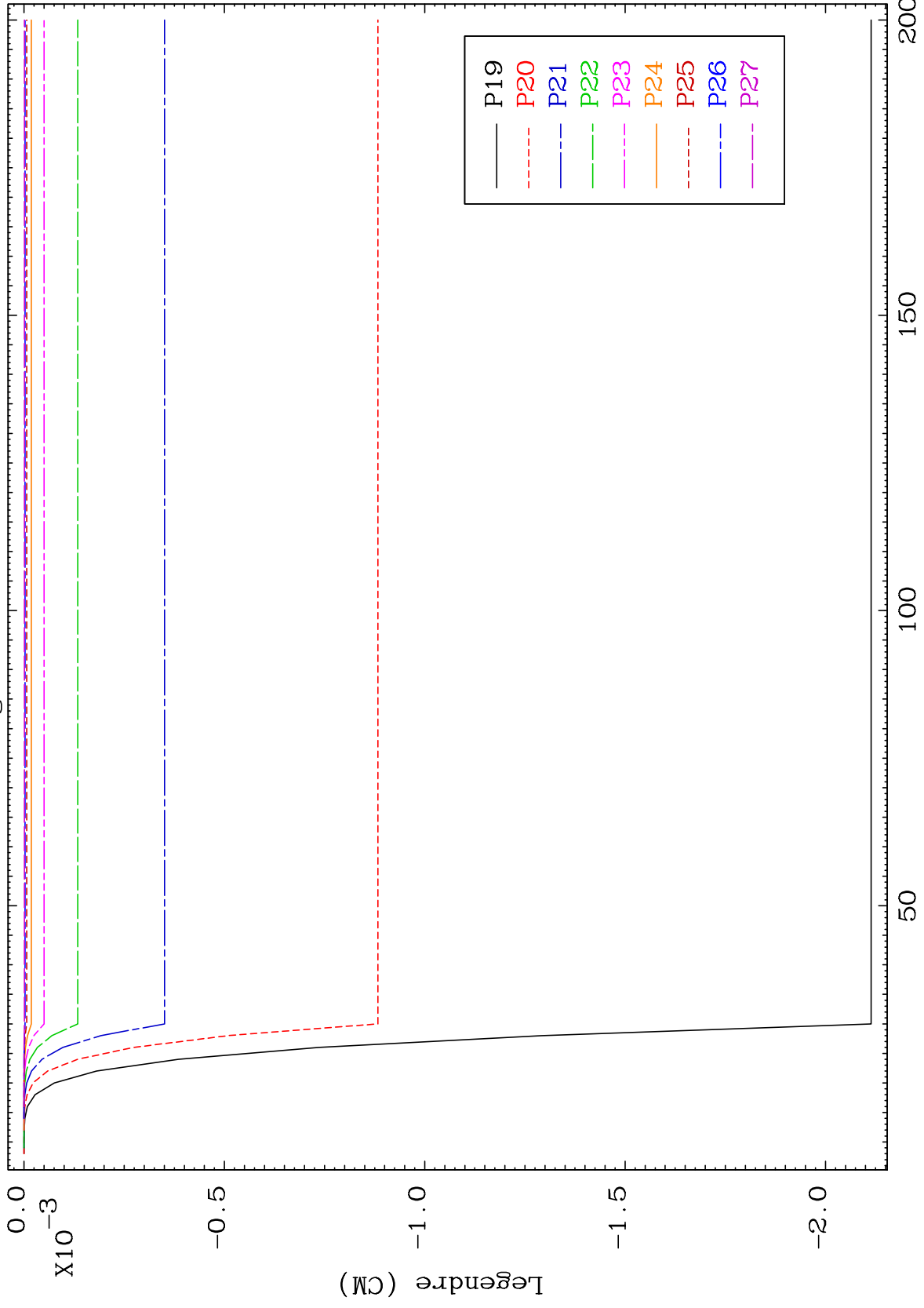
Incident Energy (MeV)

29-Cu-74

MAT 2958

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

29-Cu-74



58

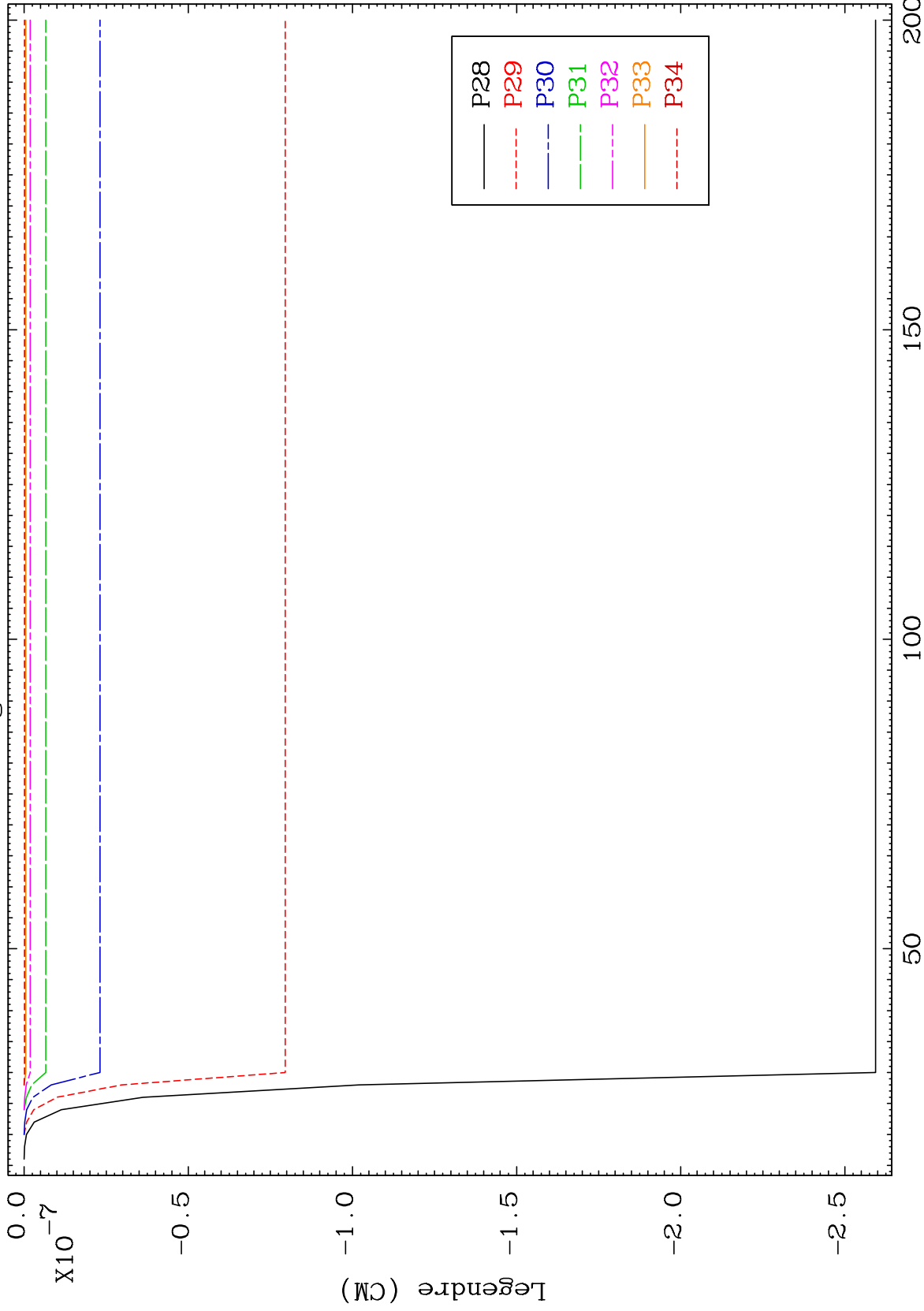
Incident Energy (MeV)

29-Cu-74

MAT 2958

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

29-Cu-74



59

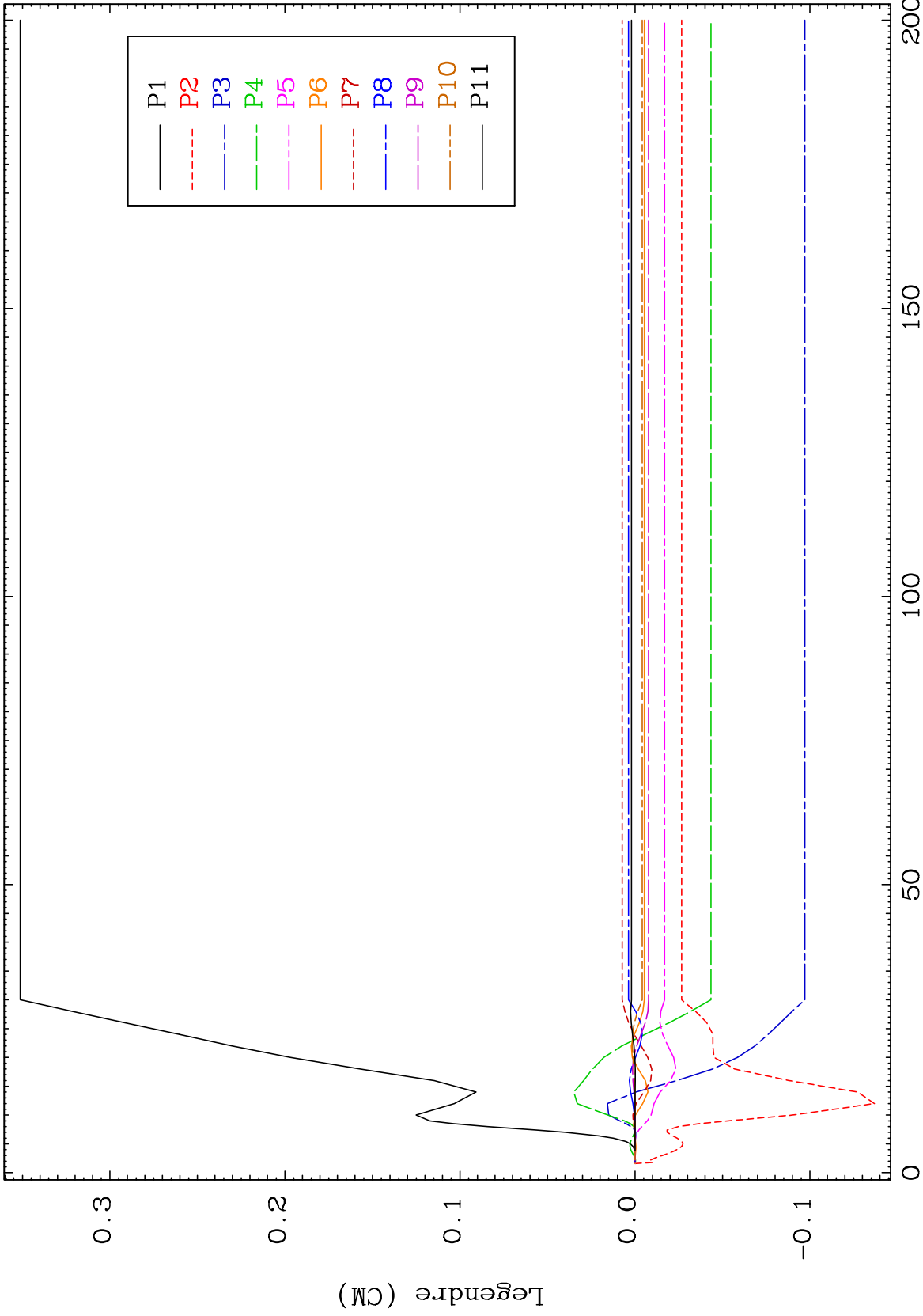
Incident Energy (MeV)

29-Cu-74

MAT 2958

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

29-Cu-74



29-Cu-74

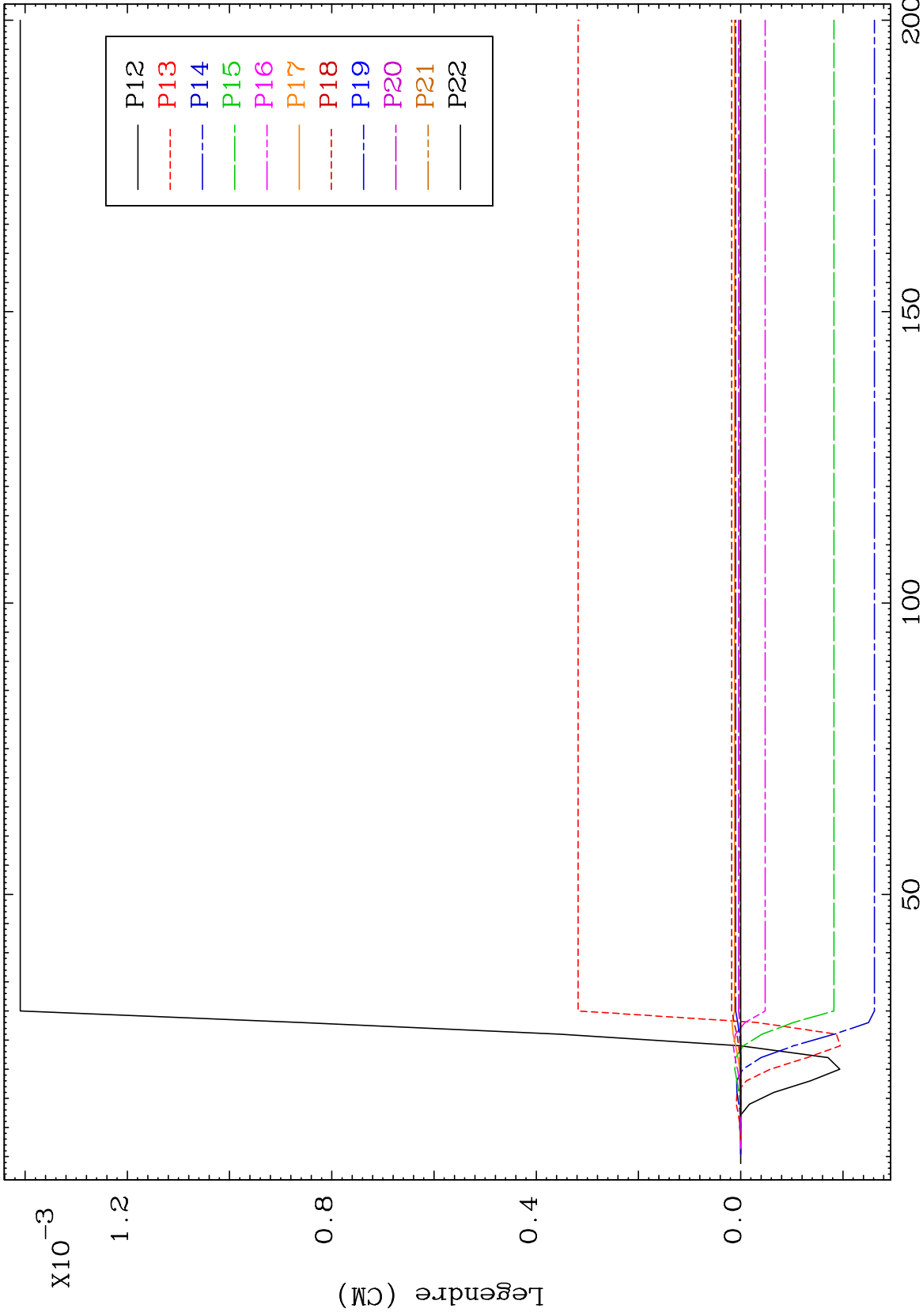
Incident Energy (MeV)

60

MAT 2958

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

29-Cu-74



61

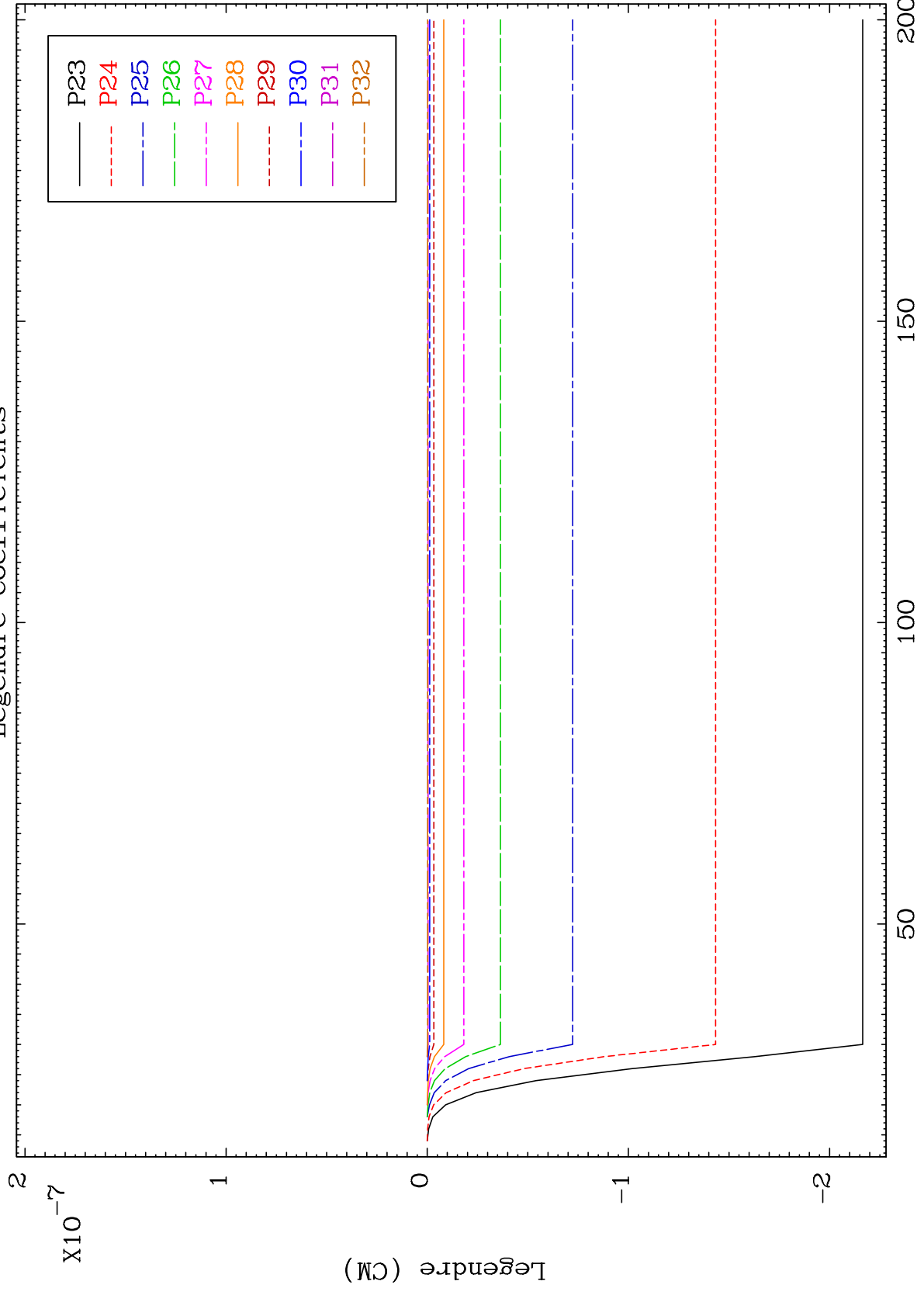
Incident Energy (MeV)

29-Cu-74

MAT 2958

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

29-Cu-74

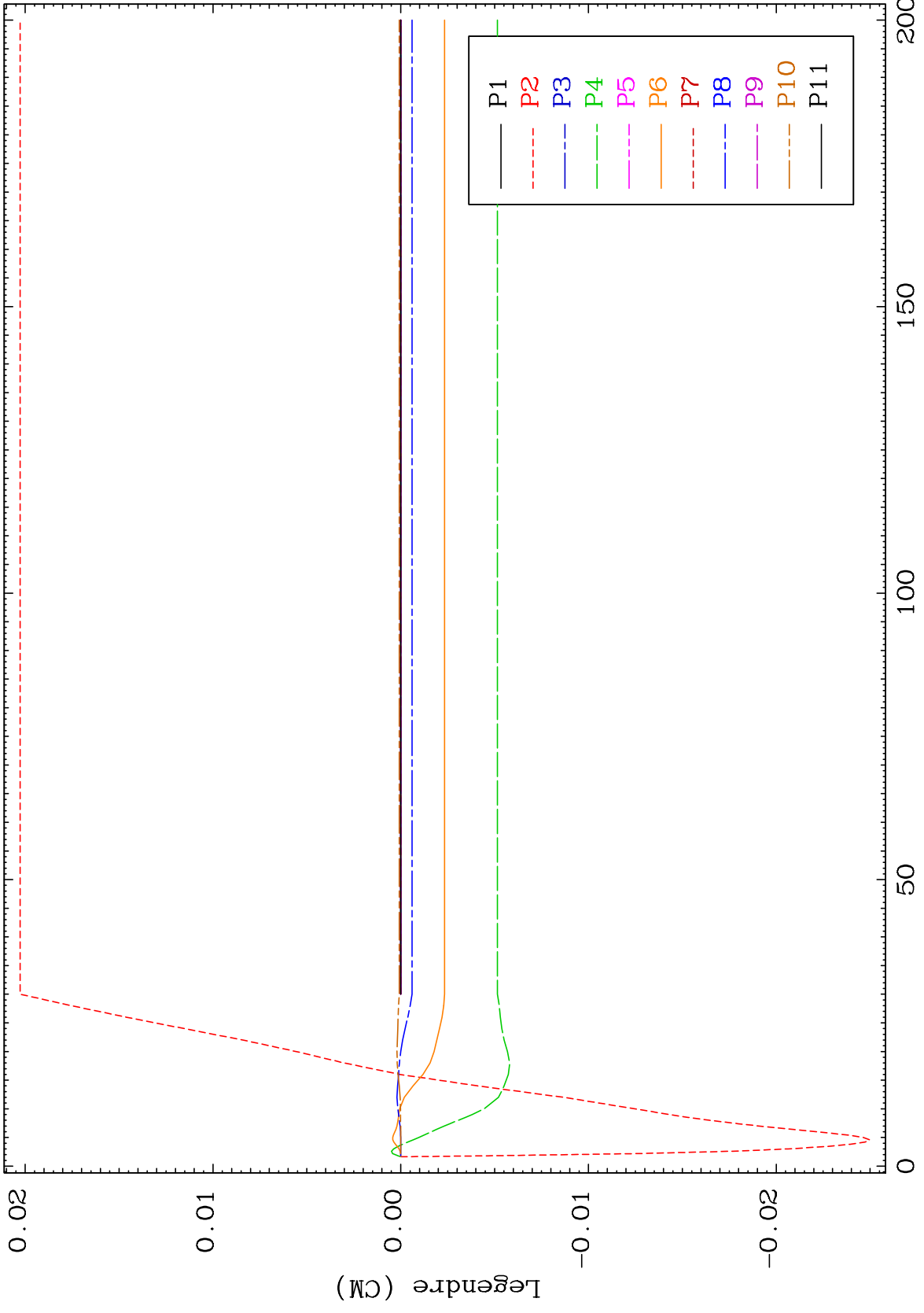


62

Incident Energy (MeV)

29-Cu-74

MAT 2958 MT= 64 (n,n') Level Legendre Coefficients 29-Cu-74

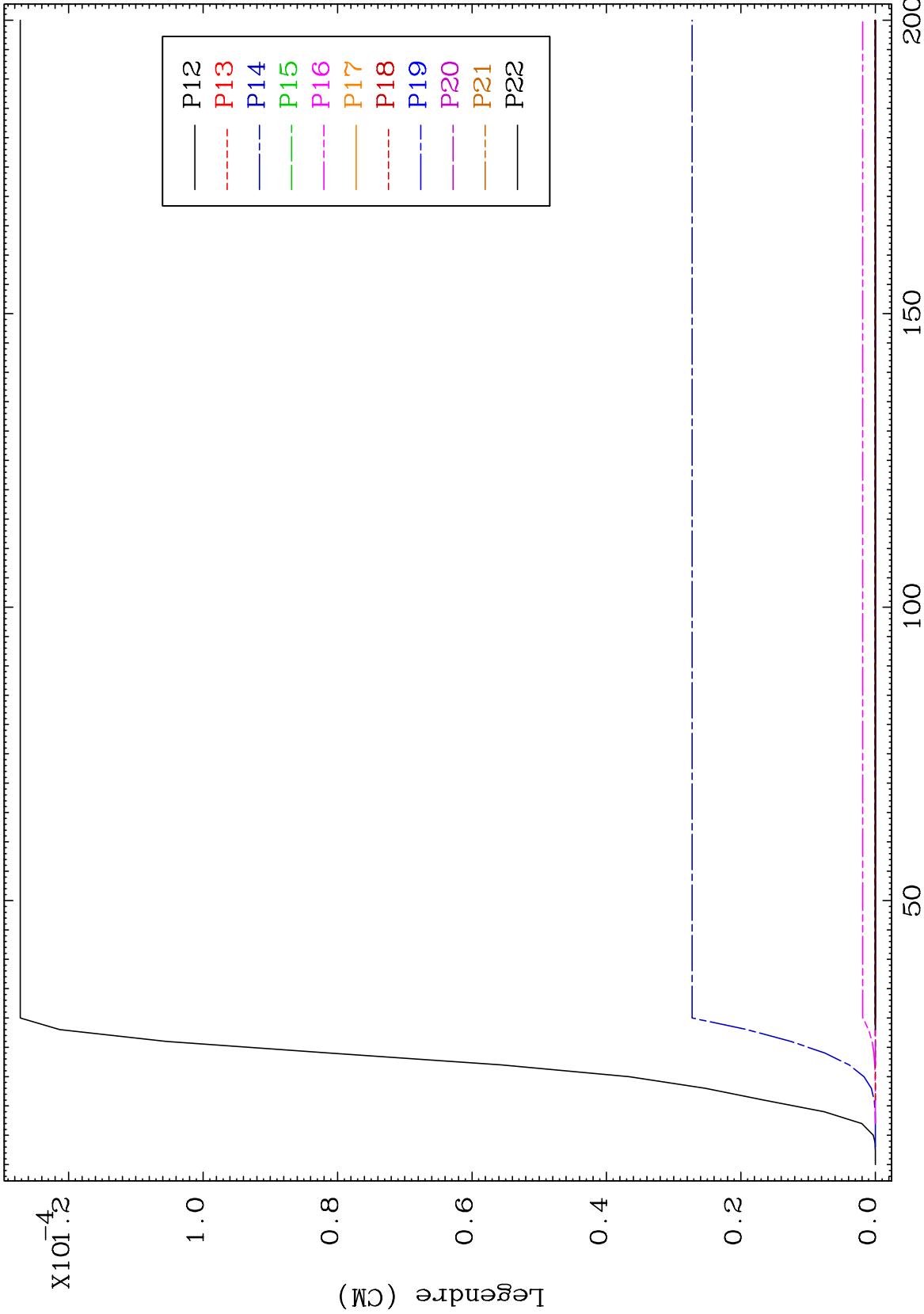


63 Incident Energy (MeV) 29-Cu-74

MAT 2958

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

29-Cu-74



64

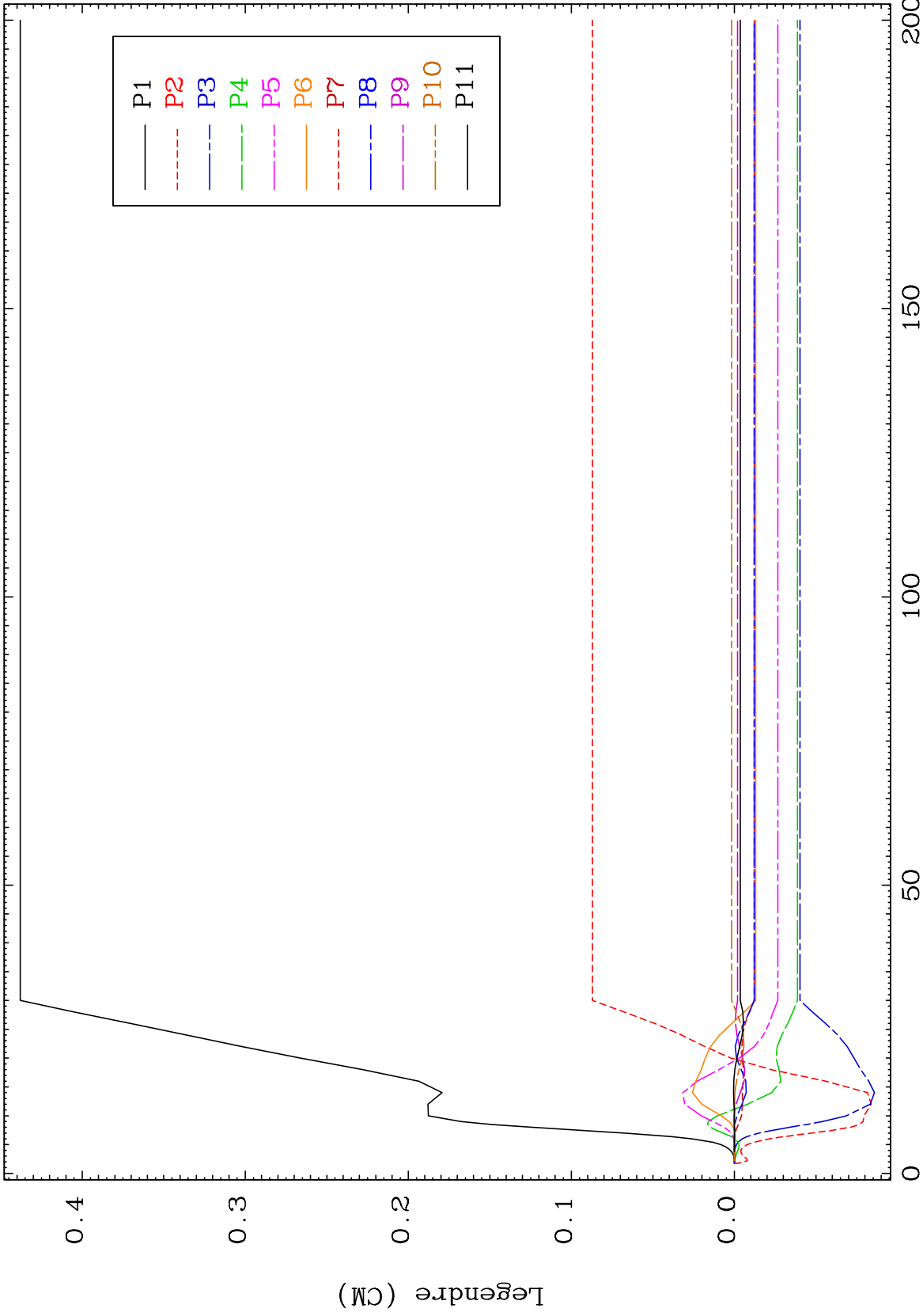
Incident Energy (MeV)

29-Cu-74

MAT 2958

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

29-Cu-74

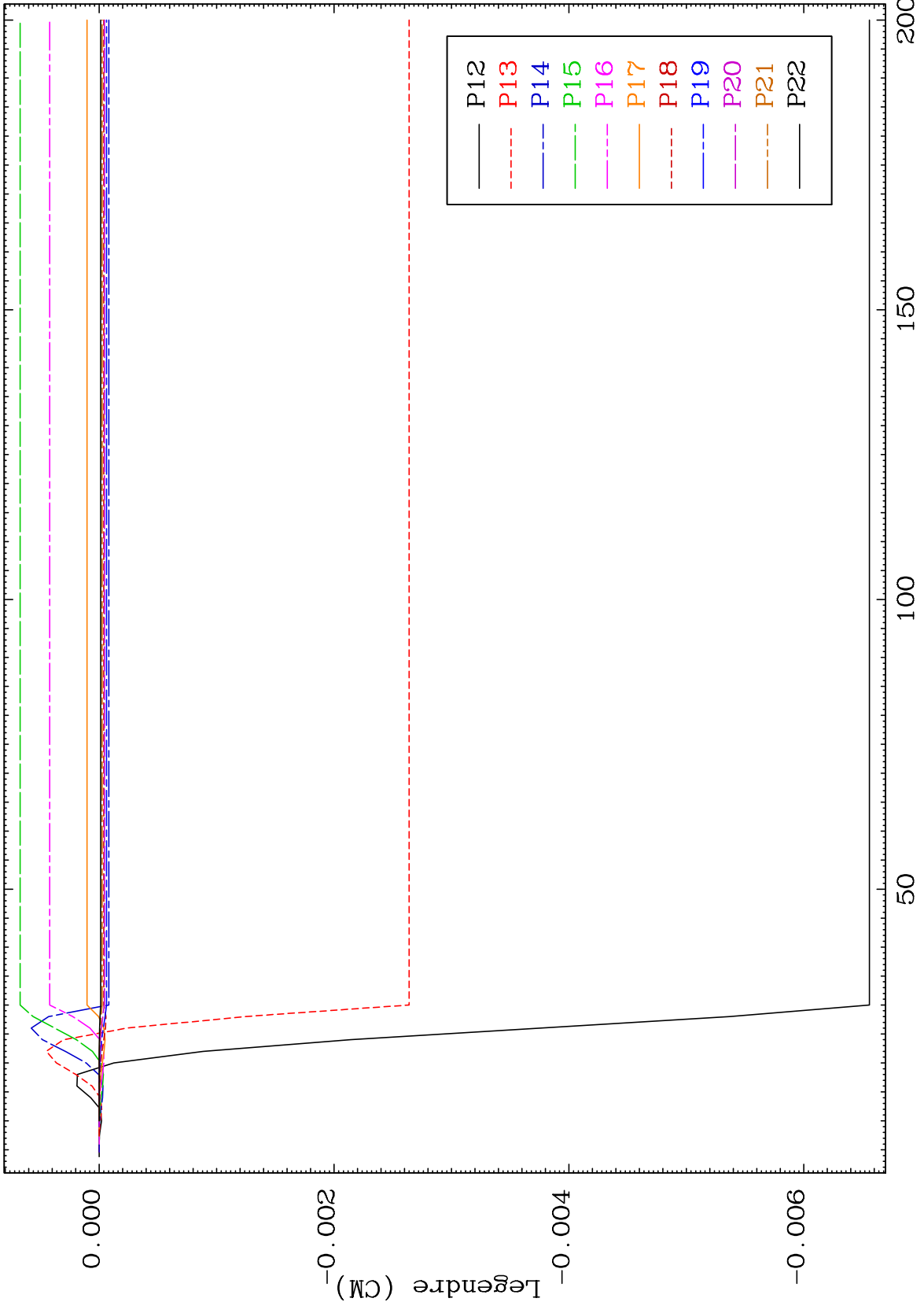


65

Incident Energy (MeV)

29-Cu-74

MAT 2958 MT= 65 (n,n') Level Legendre Coefficients 29-Cu-74

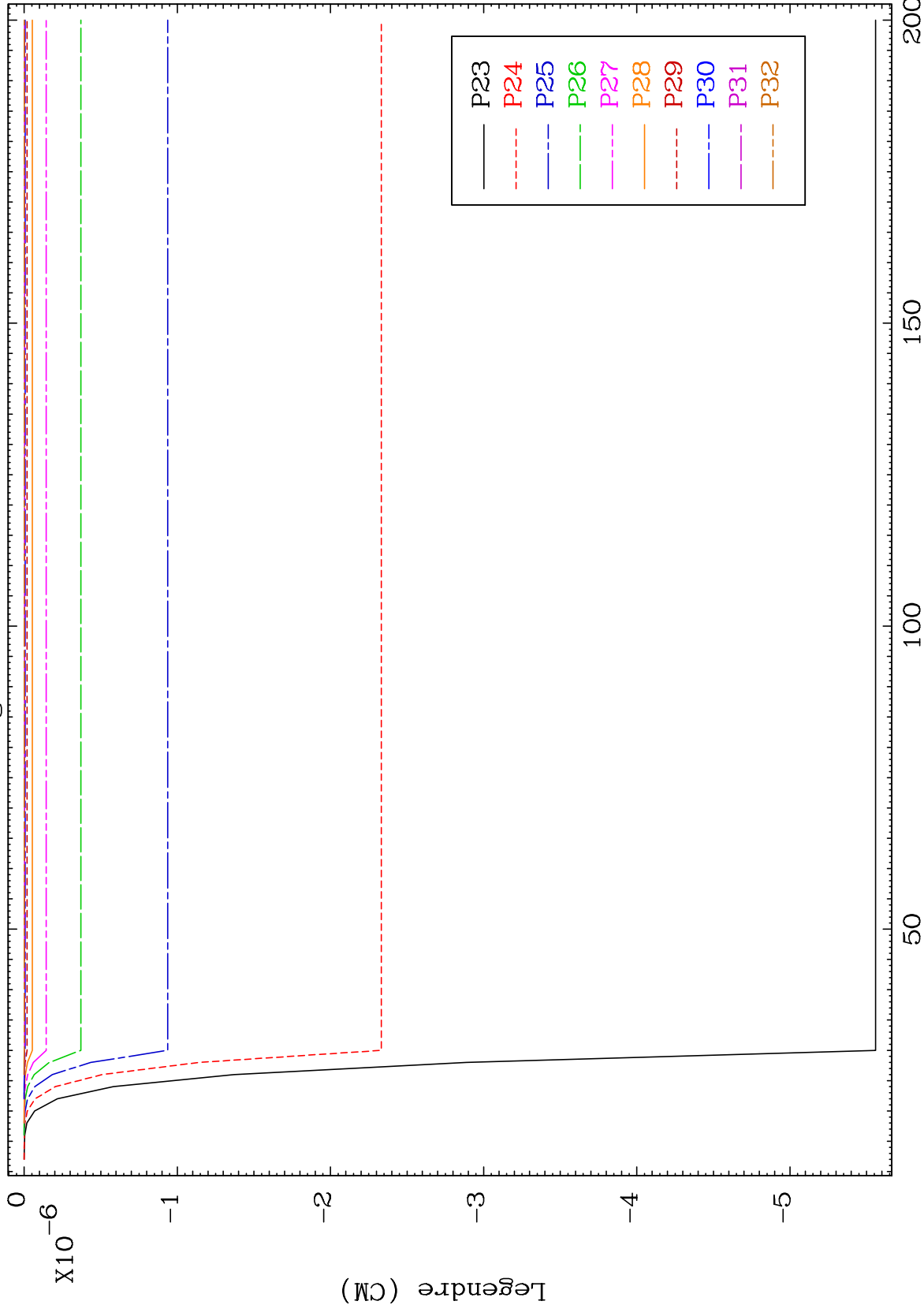


66 29-Cu-74

MAT 2958

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

29-Cu-74



29-Cu-74

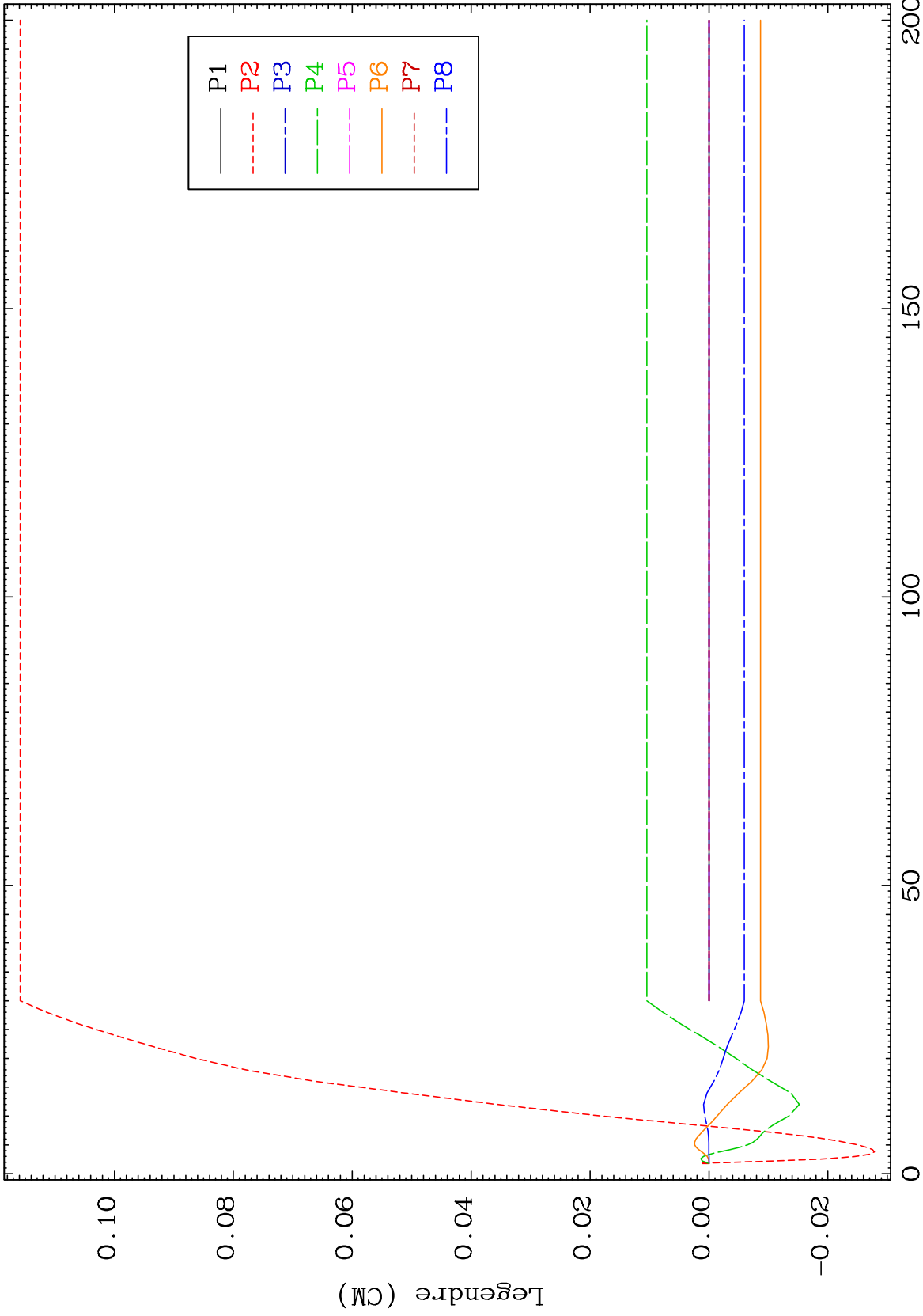
Incident Energy (MeV)

67

MAT 2958

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

29-Cu-74

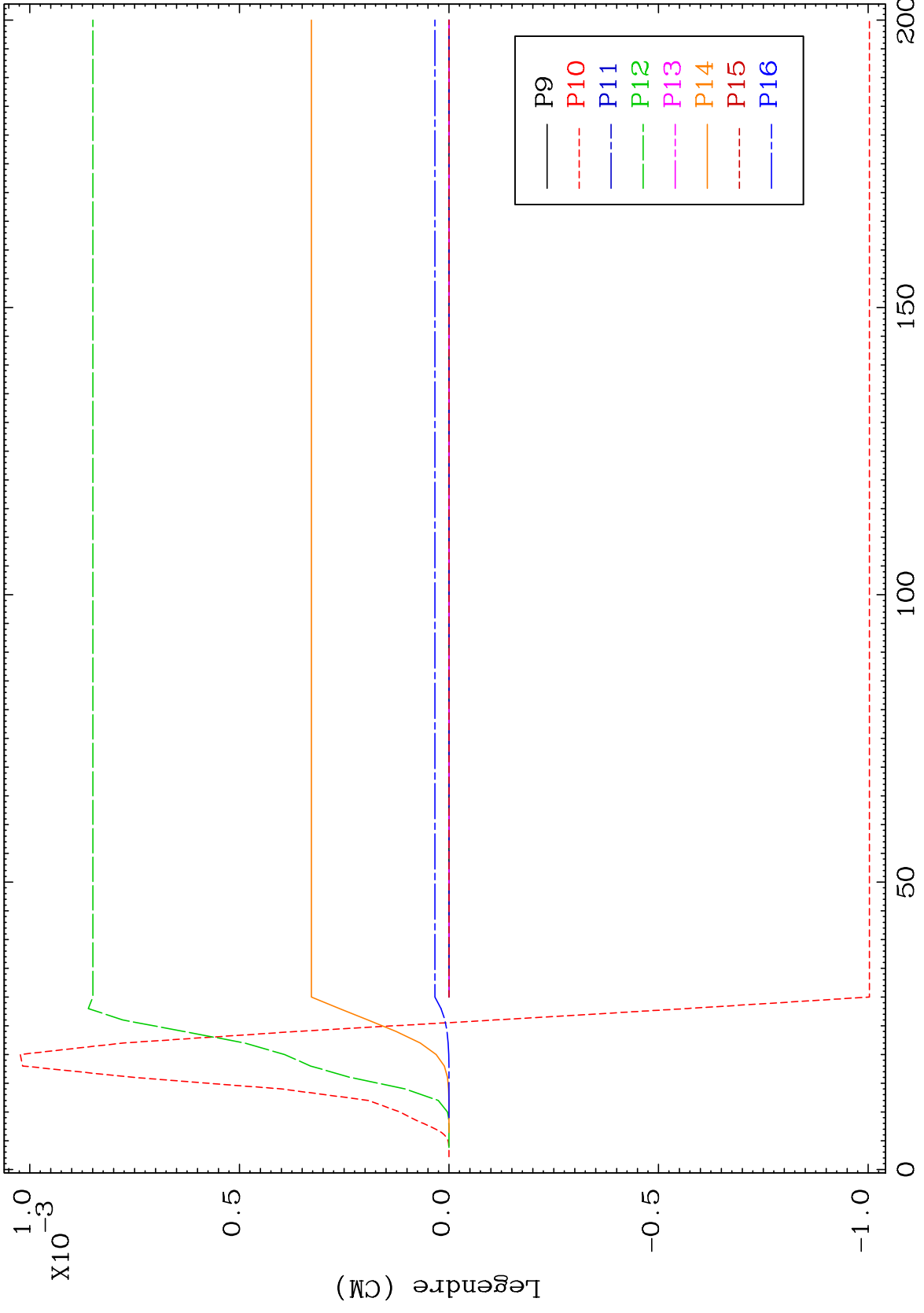


68

Incident Energy (MeV)

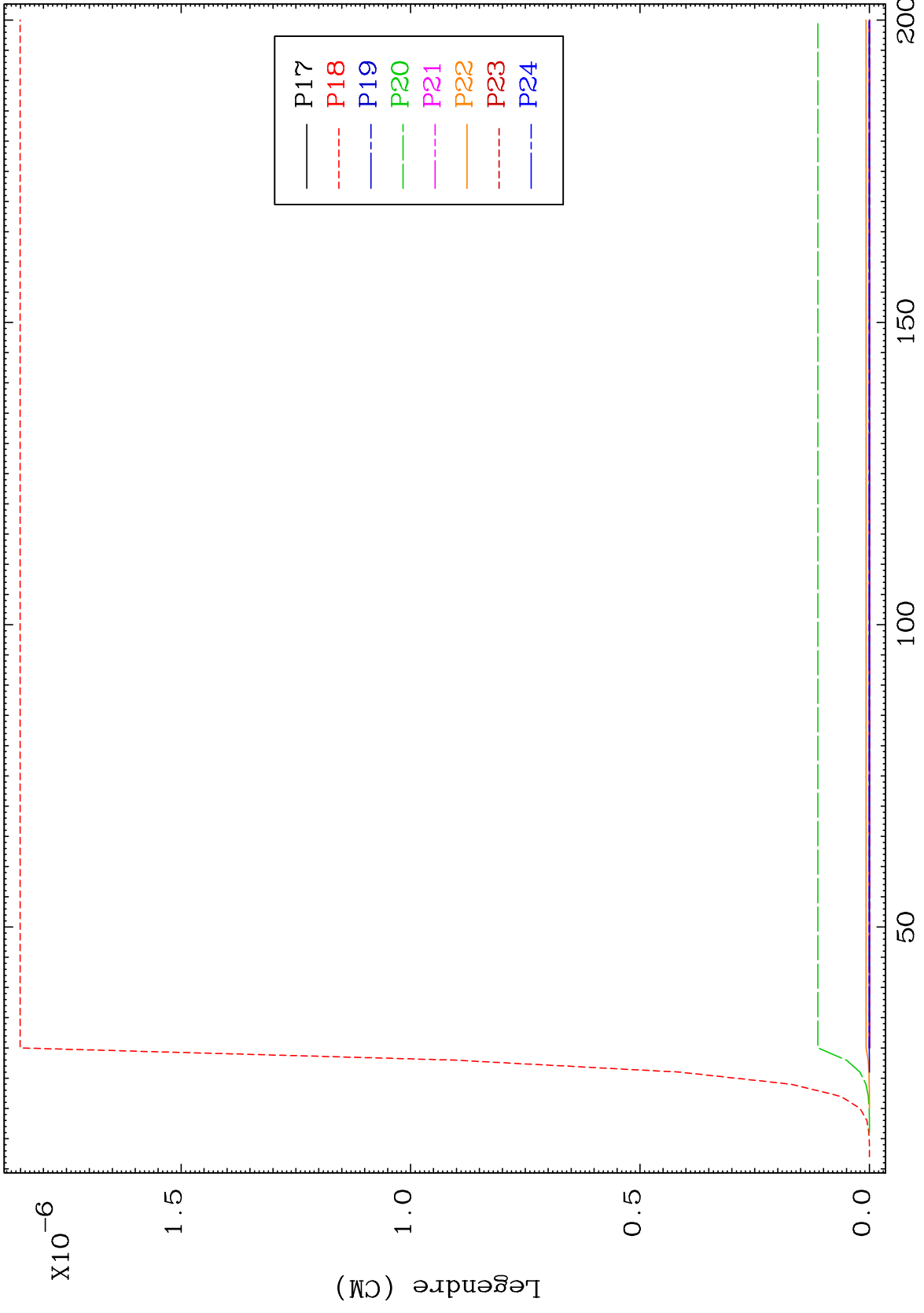
29-Cu-74

MAT 2958 MT= 66 (n,n') Level Legendre Coefficients 29-Cu-74



69 29-Cu-74

MAT 2958 MT= 66 (n,n') Level Legendre Coefficients 29-Cu-74

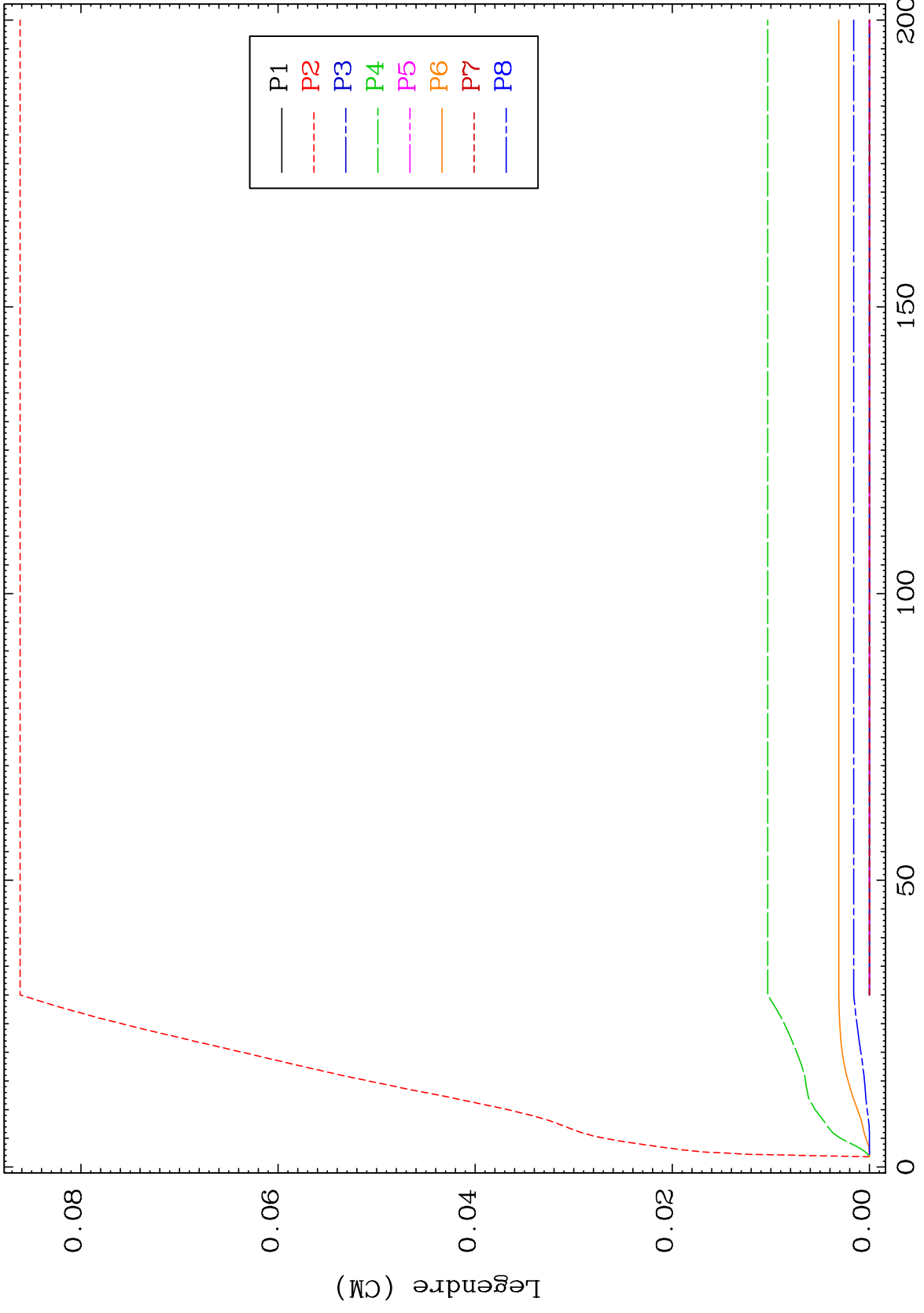


70 50 100 150 200 29-Cu-74

MAT 2958

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

29-Cu-74



71

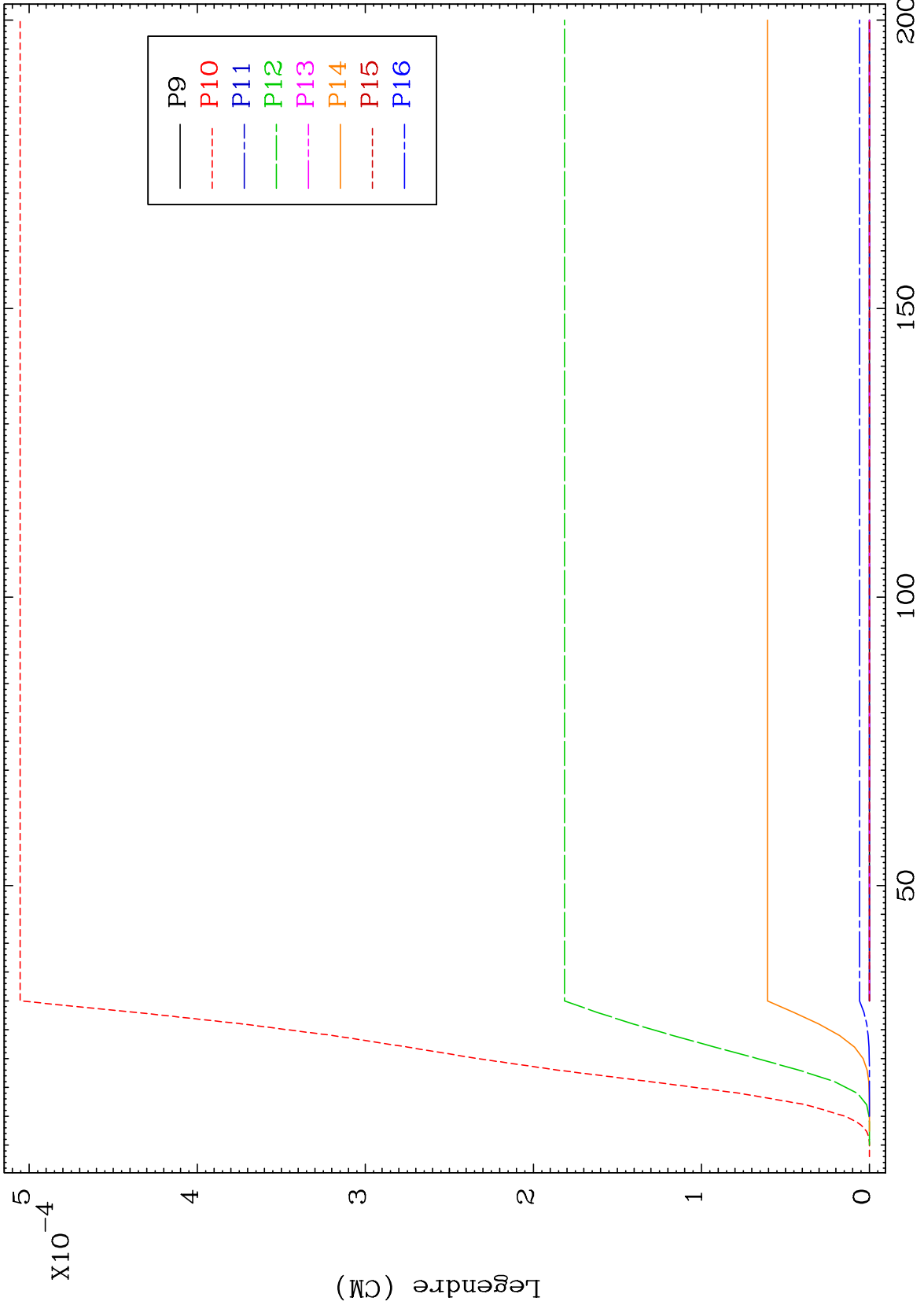
Incident Energy (MeV)

29-Cu-74

MAT 2958

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

29-Cu-74

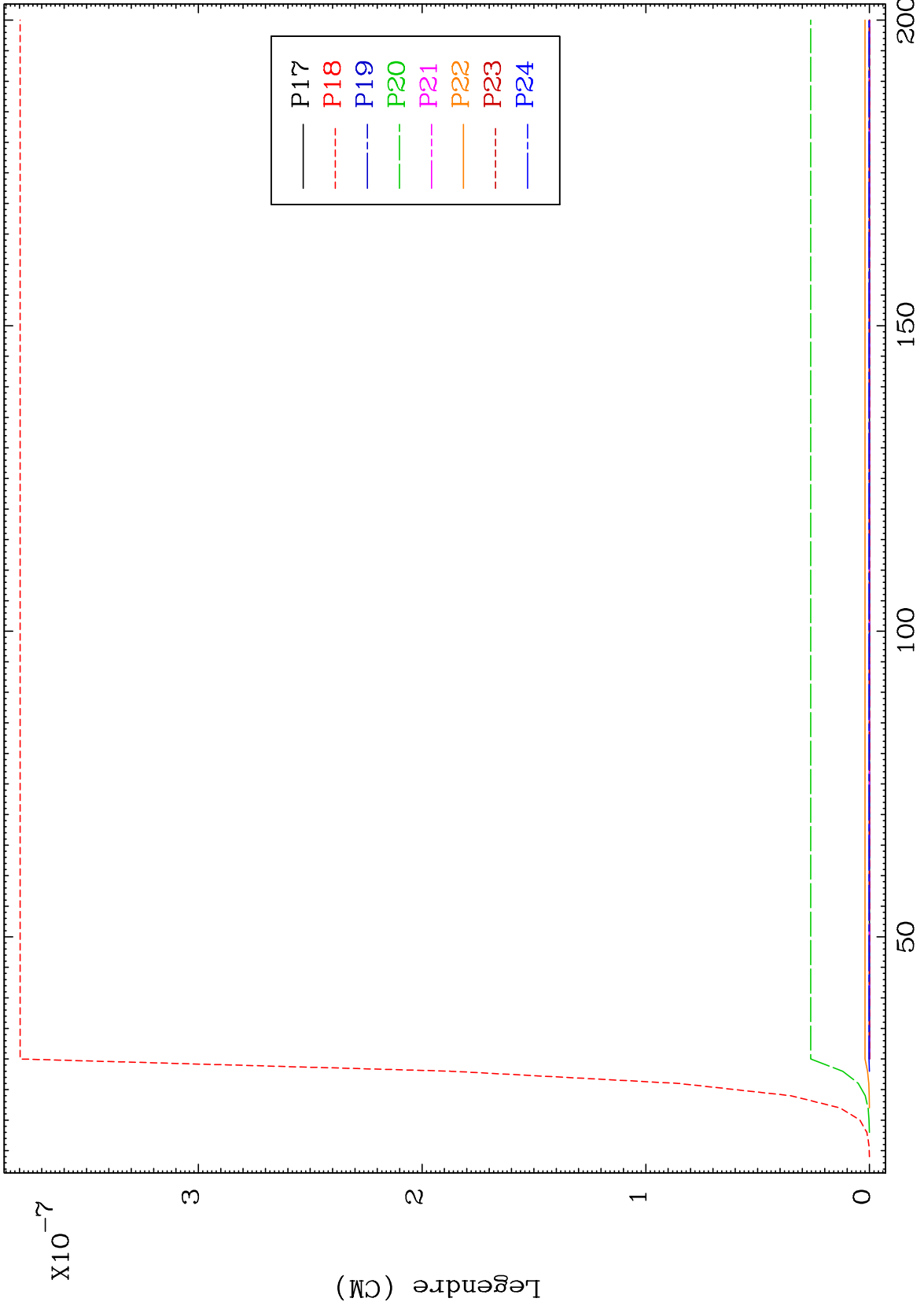


72

Incident Energy (MeV)

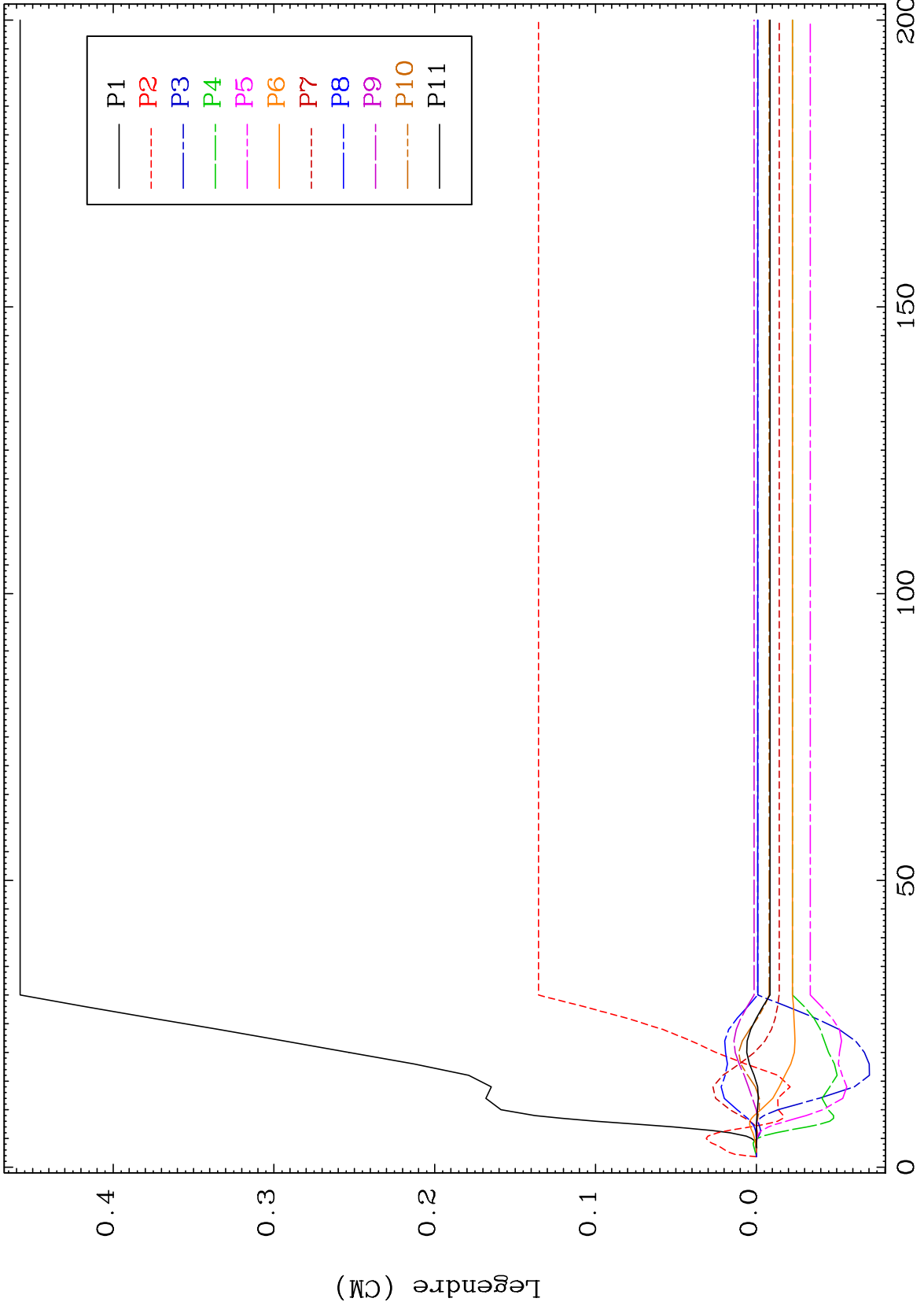
29-Cu-74

MAT 2958 MT= 67 (n,n') Level Legendre Coefficients 29-Cu-74



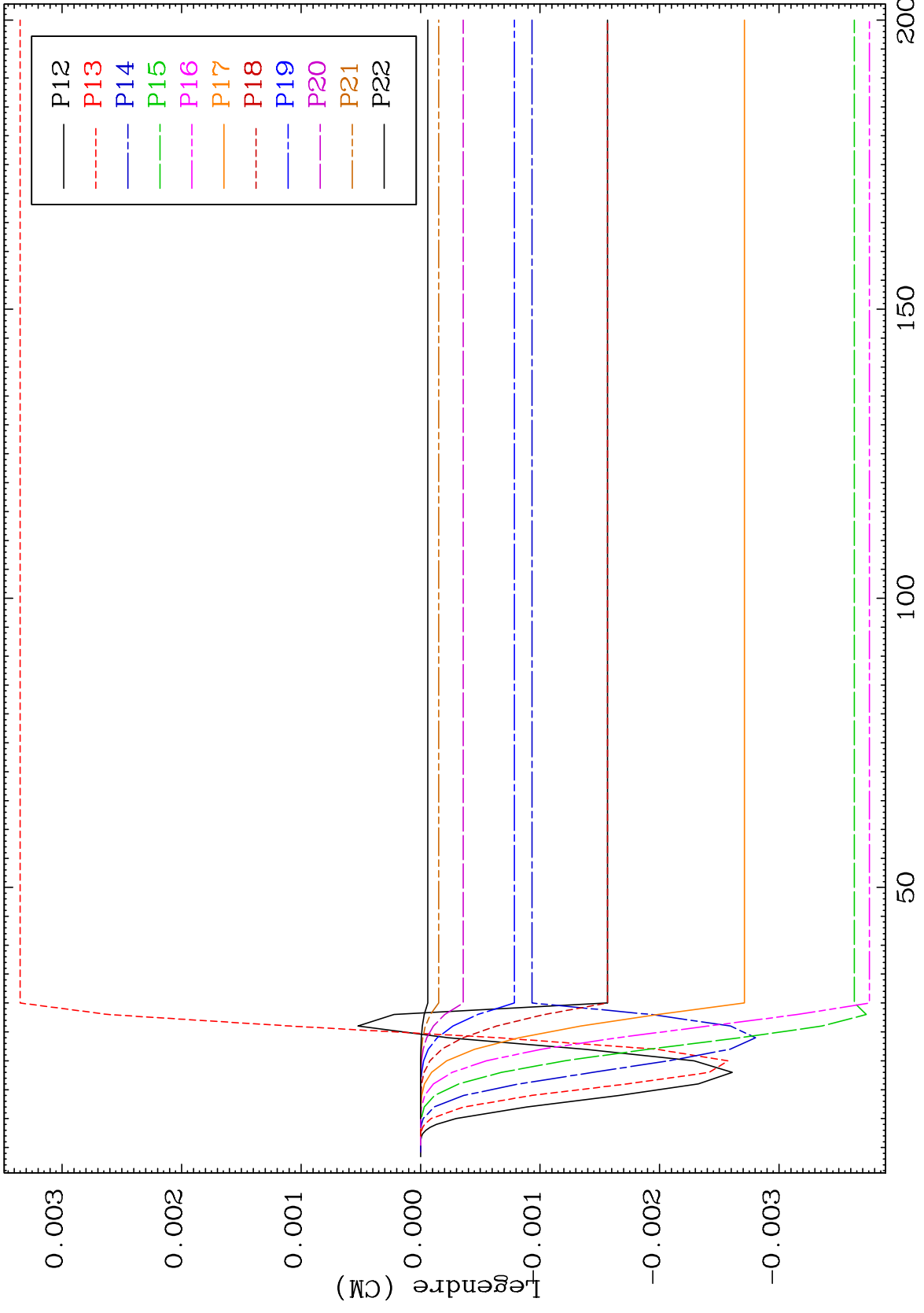
73 29-Cu-74

MAT 2958 MT= 68 (n,n') Level Legendre Coefficients 29-Cu-74



74 29-Cu-74

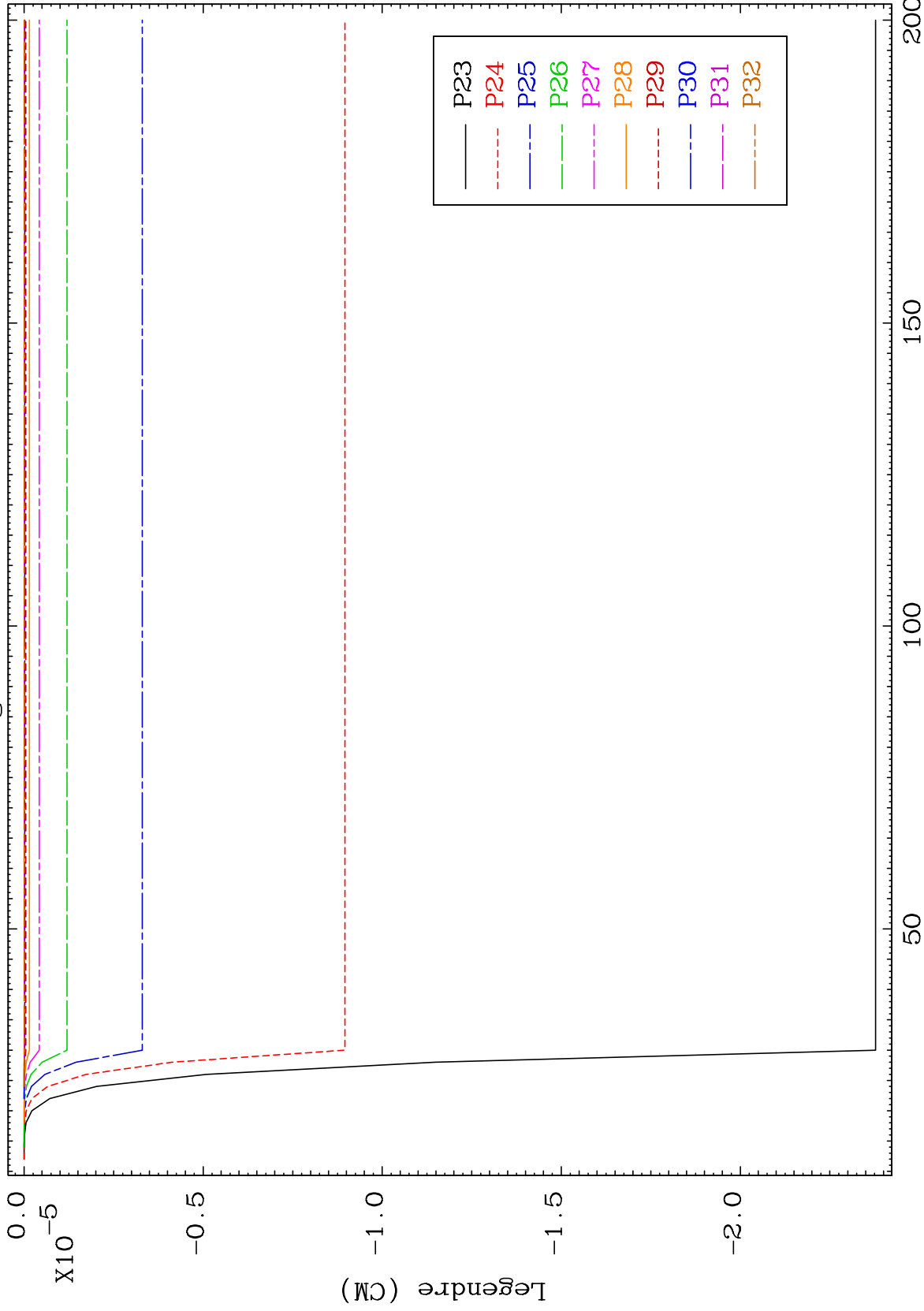
MAT 2958 MT= 68 (n,n') Level Legendre Coefficients 29-Cu-74



75 Incident Energy (MeV) 29-Cu-74

MAT 2958 MT= 68 (n,n') Level 29-Cu-74

Legendre Coefficients

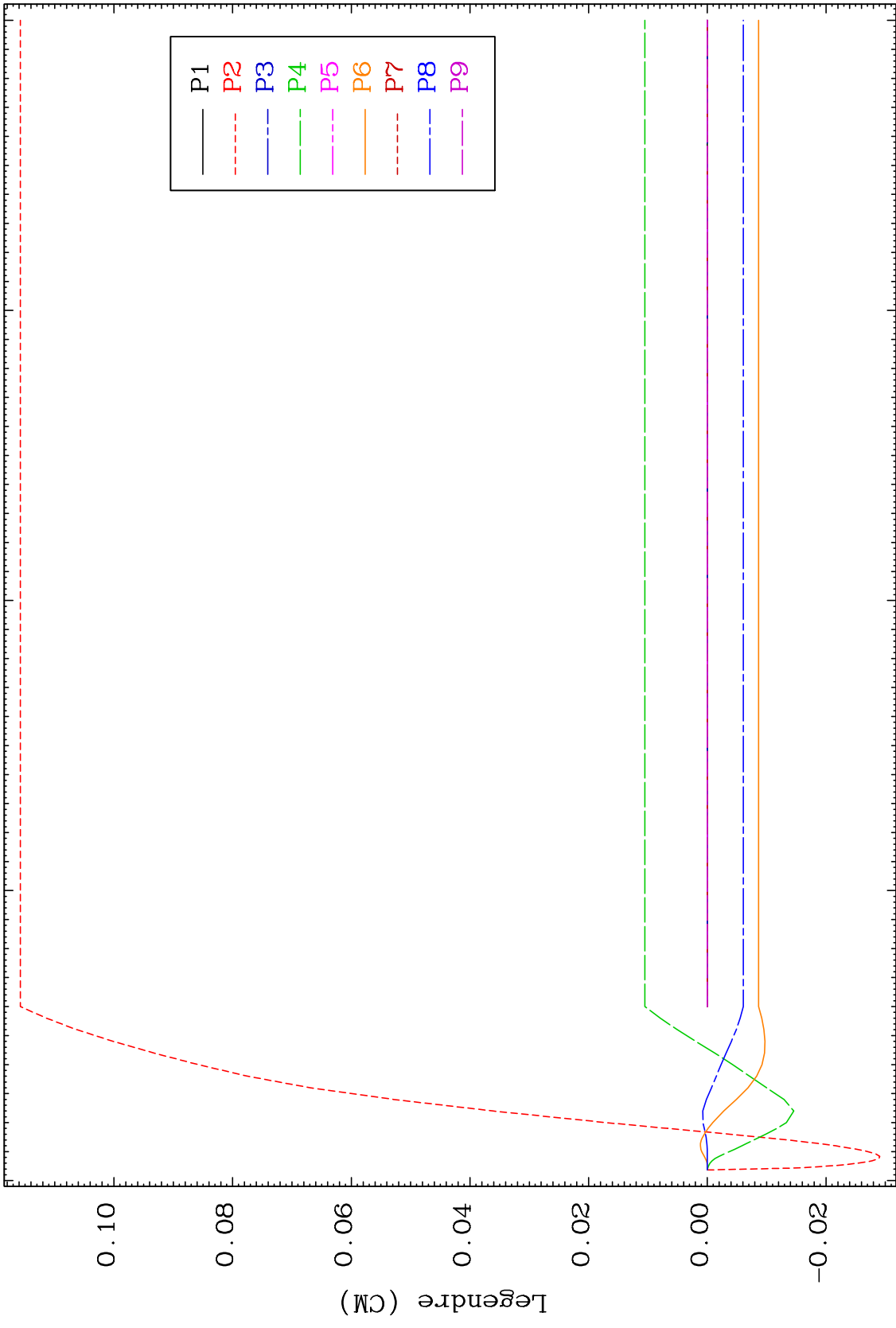


76

Incident Energy (MeV)

29-Cu-74

MAT 2958 MT= 69 (n,n') Level Legendre Coefficients 29-Cu-74

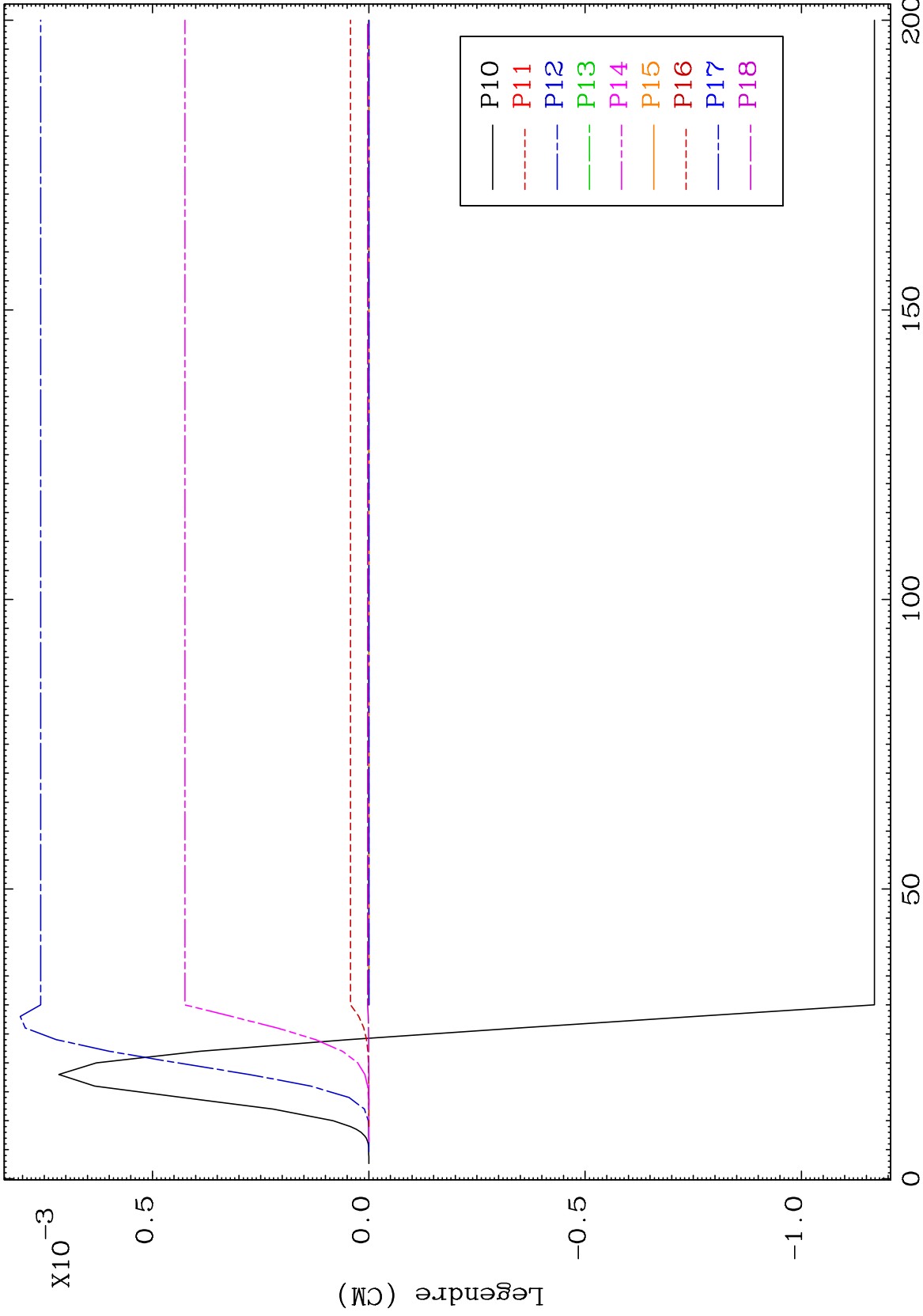


77 29-Cu-74

MAT 2958

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

29-Cu-74

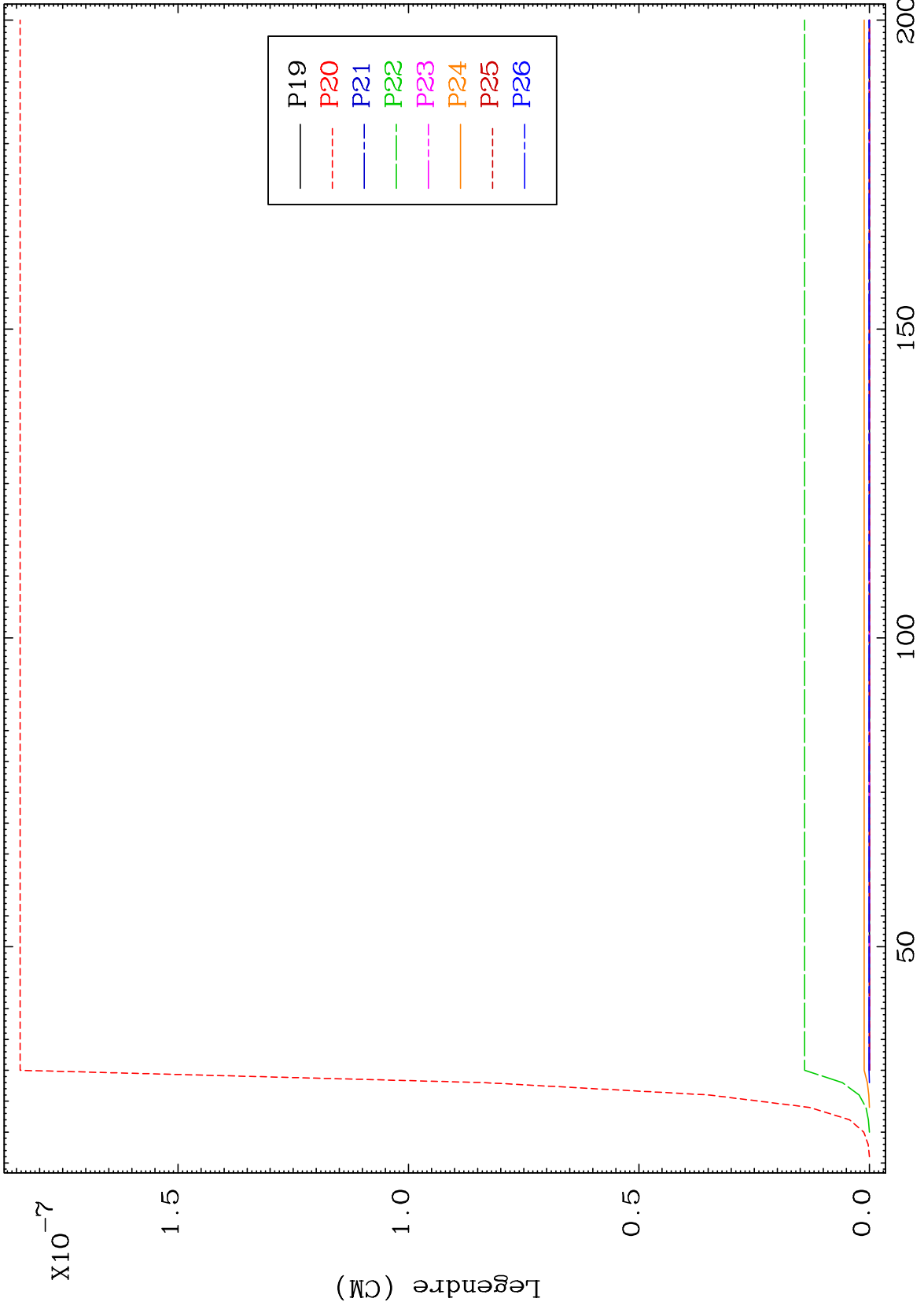


78

Incident Energy (MeV)

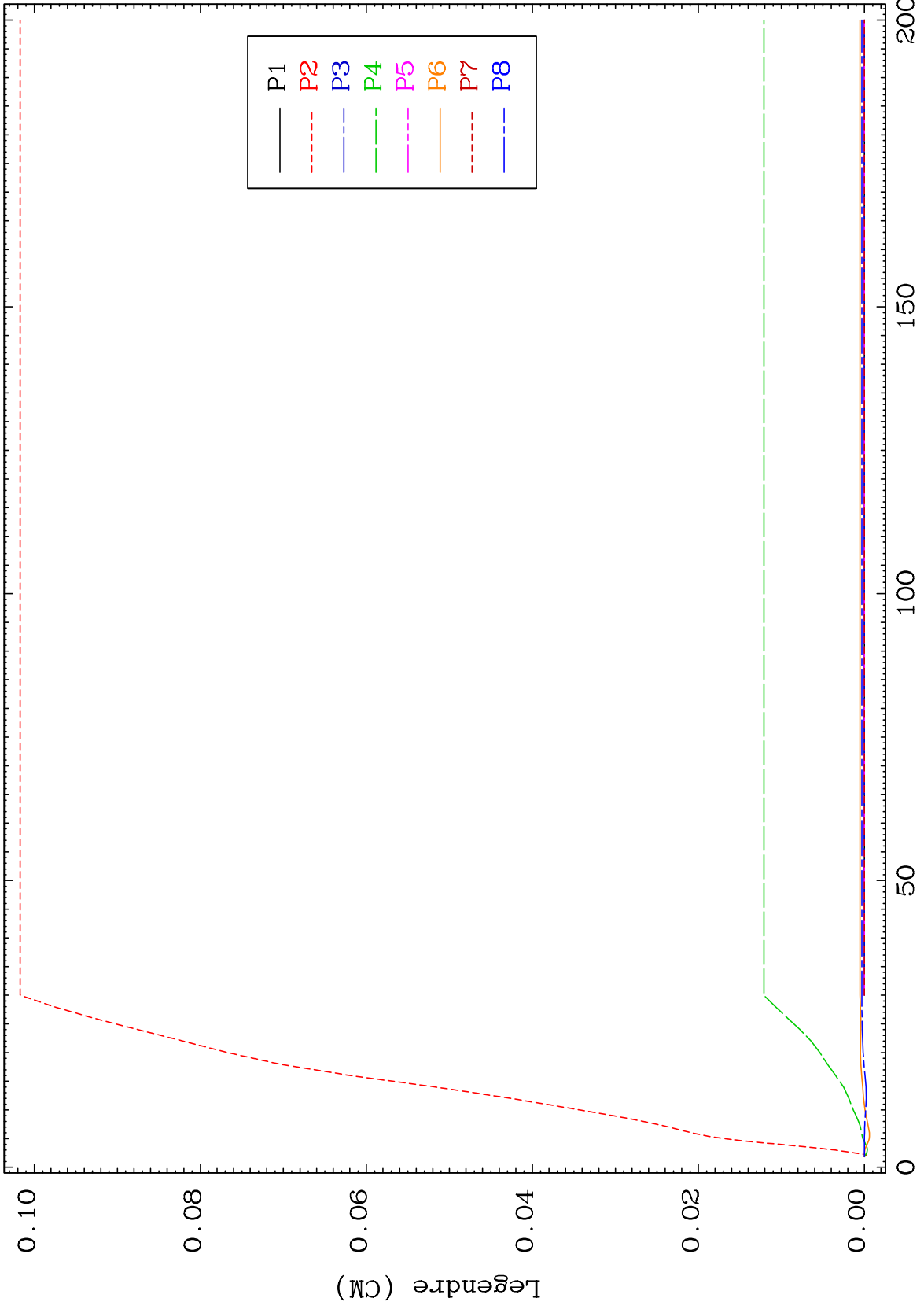
29-Cu-74

MAT 2958 MT= 69 (n,n') Level Legendre Coefficients 29-Cu-74



79 200 29-Cu-74

MAT 2958 MT= 70 (n,n') Level Legendre Coefficients 29-Cu-74

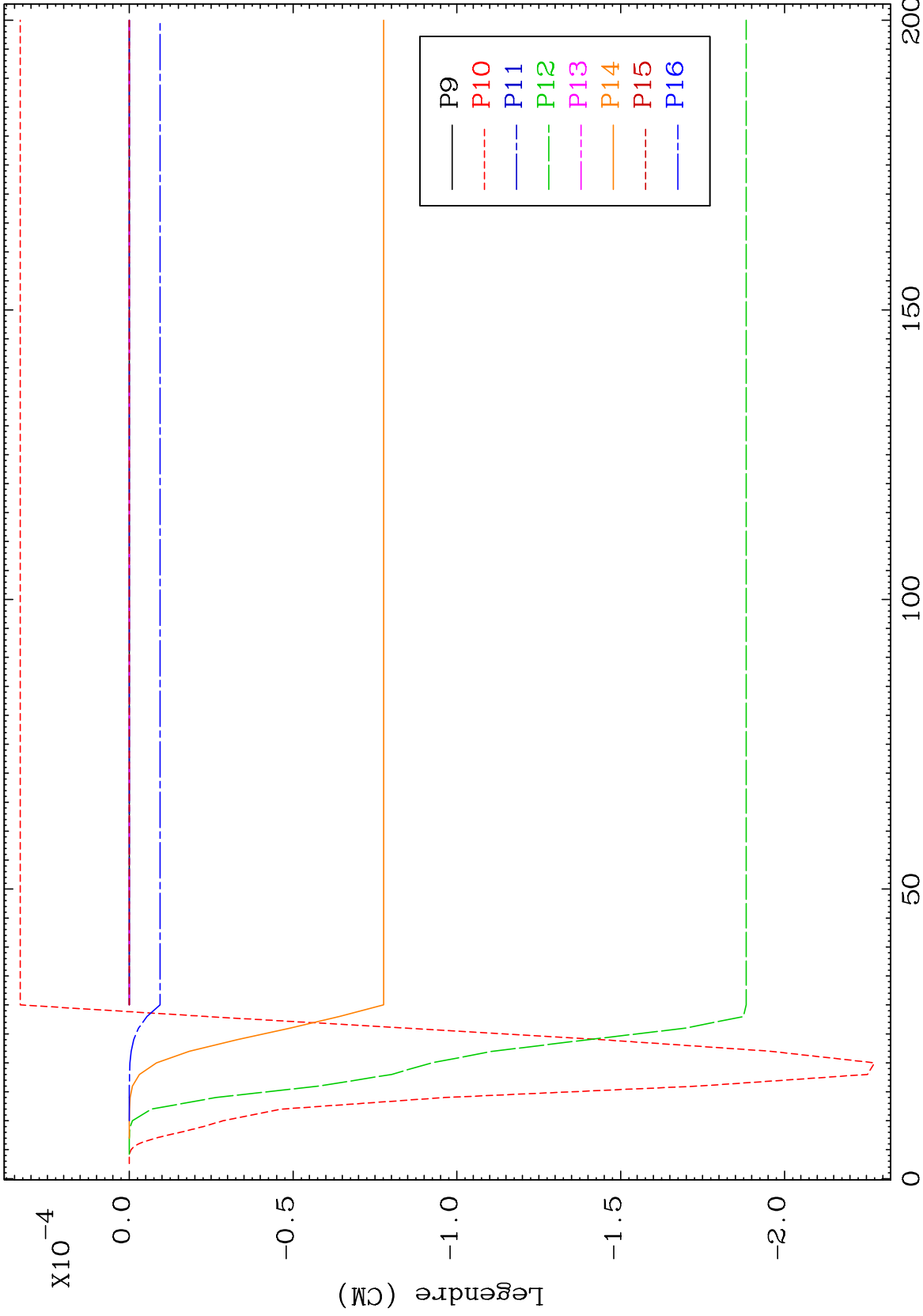


Incident Energy (MeV) 29-Cu-74

MAT 2958

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

29-Cu-74

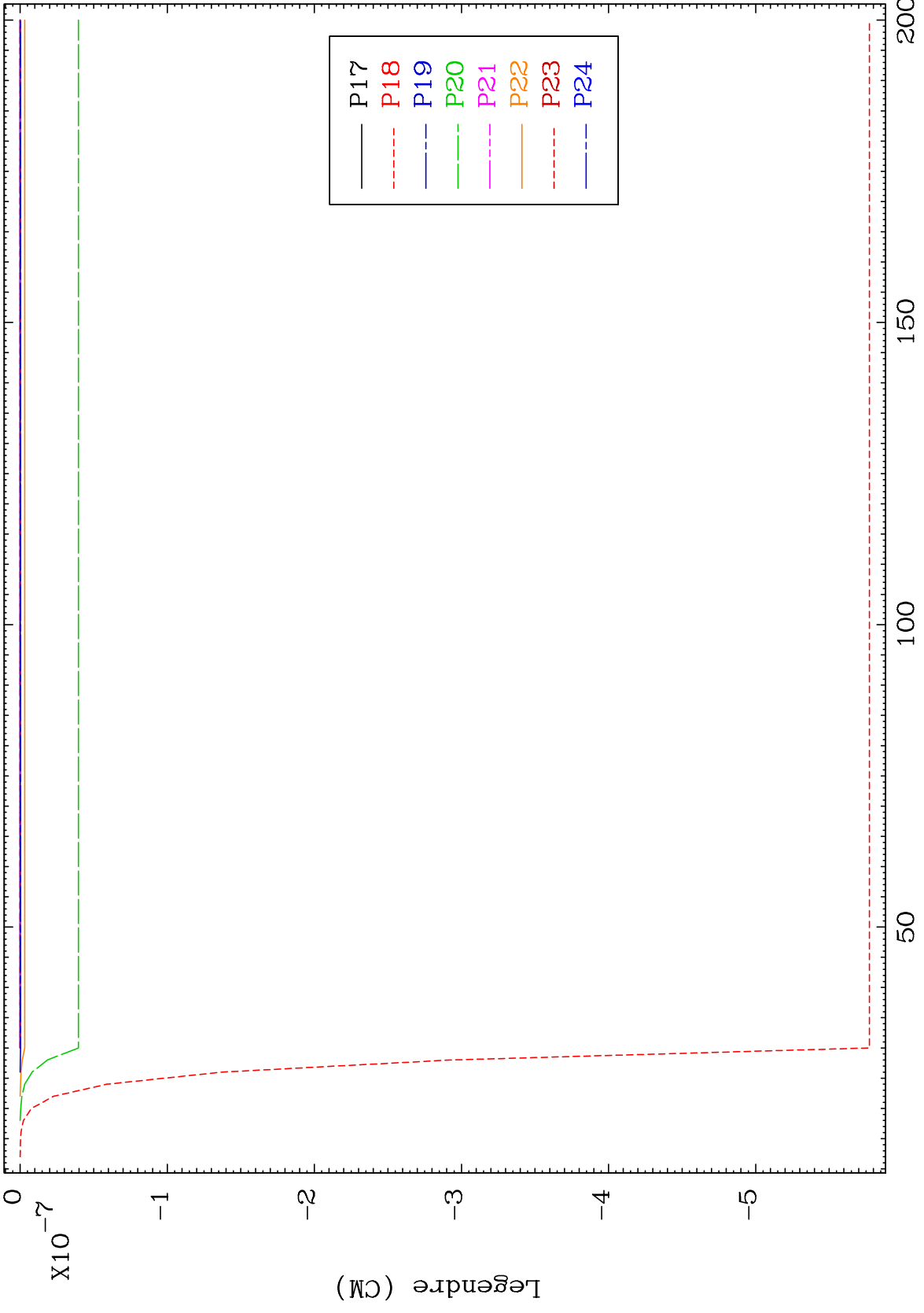


81

Incident Energy (MeV)

29-Cu-74

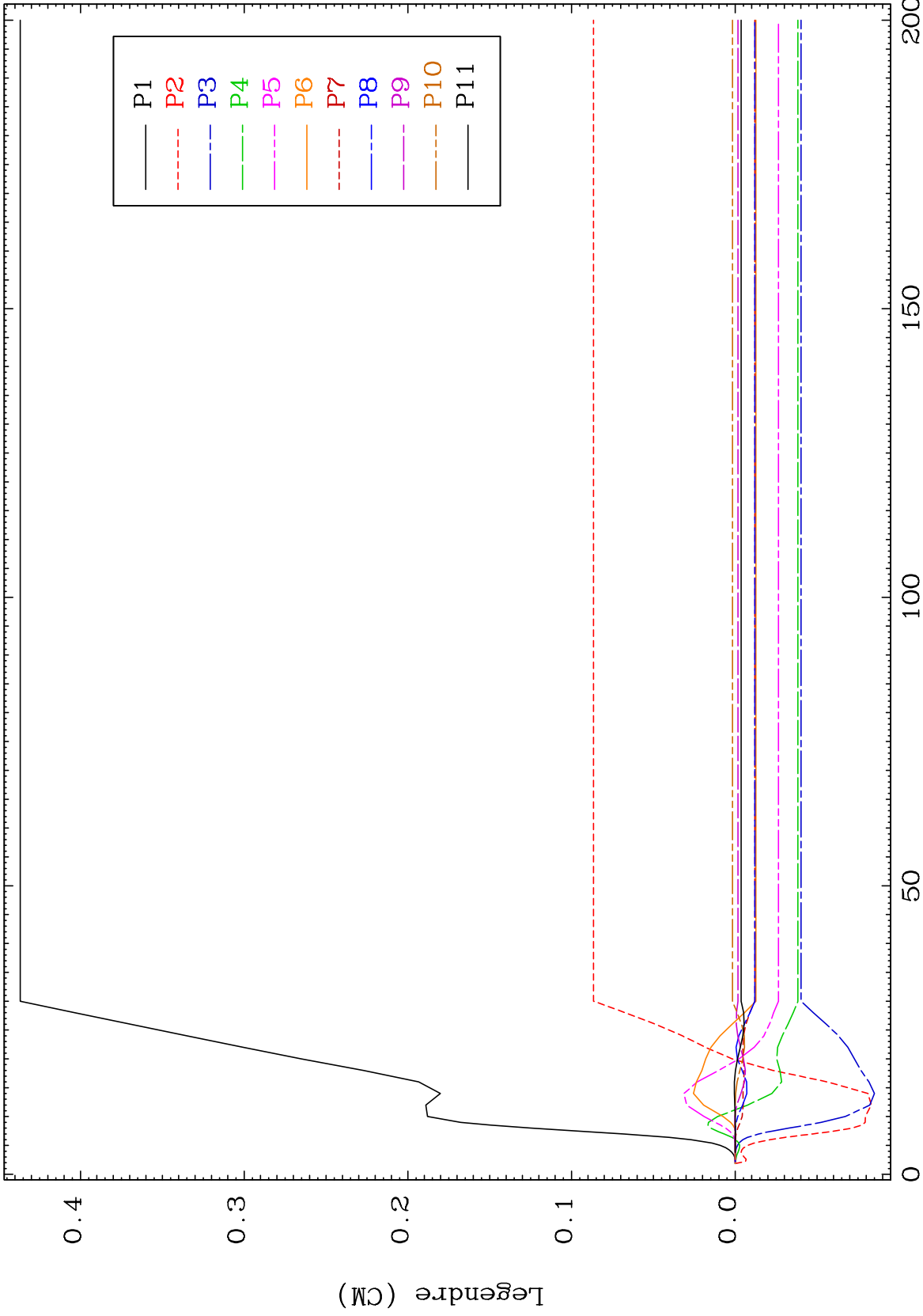
MAT 2958 MT= 70 (n,n') Level Legendre Coefficients 29-Cu-74



MAT 2958

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

29-Cu-74

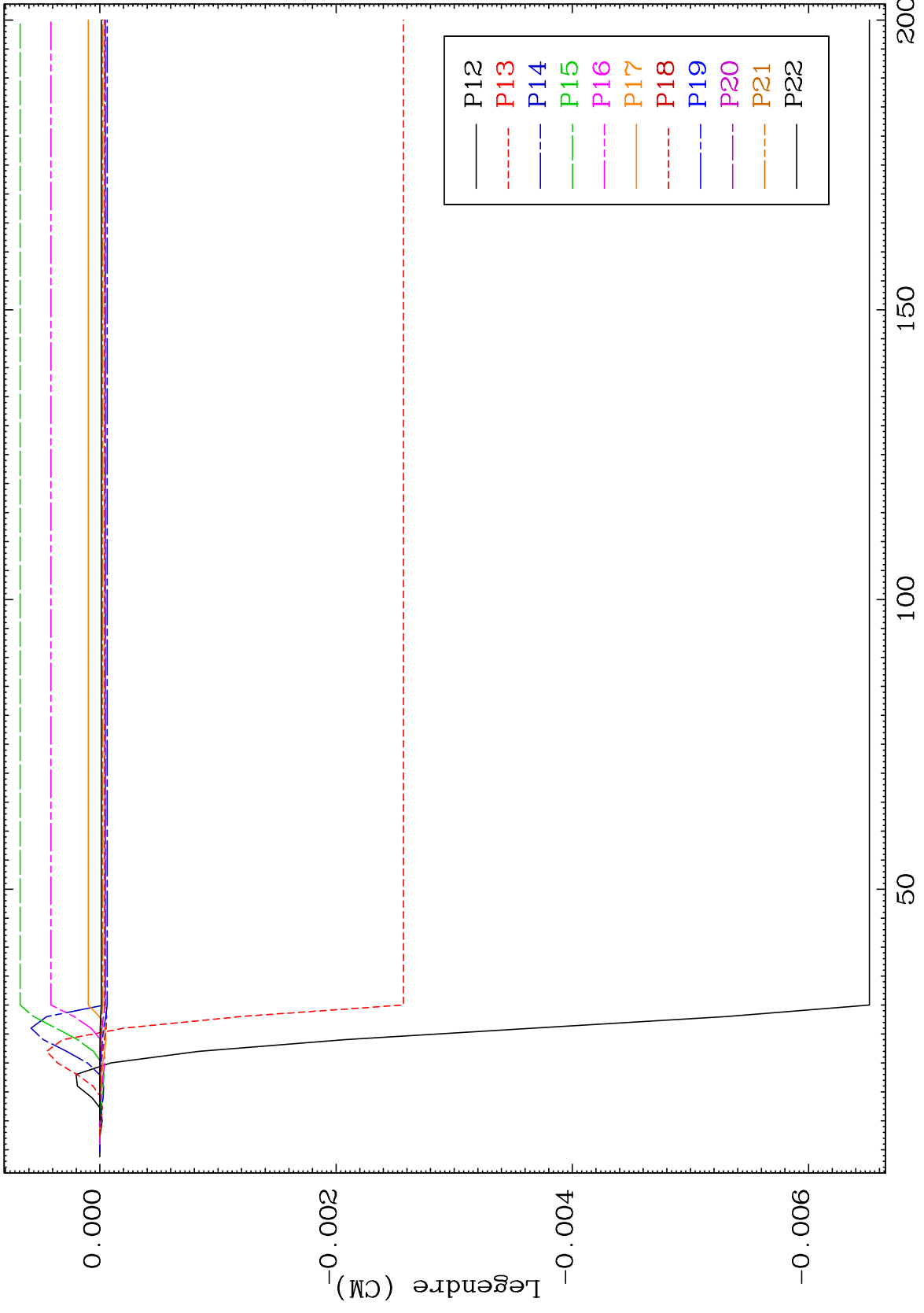


83

Incident Energy (MeV)

29-Cu-74

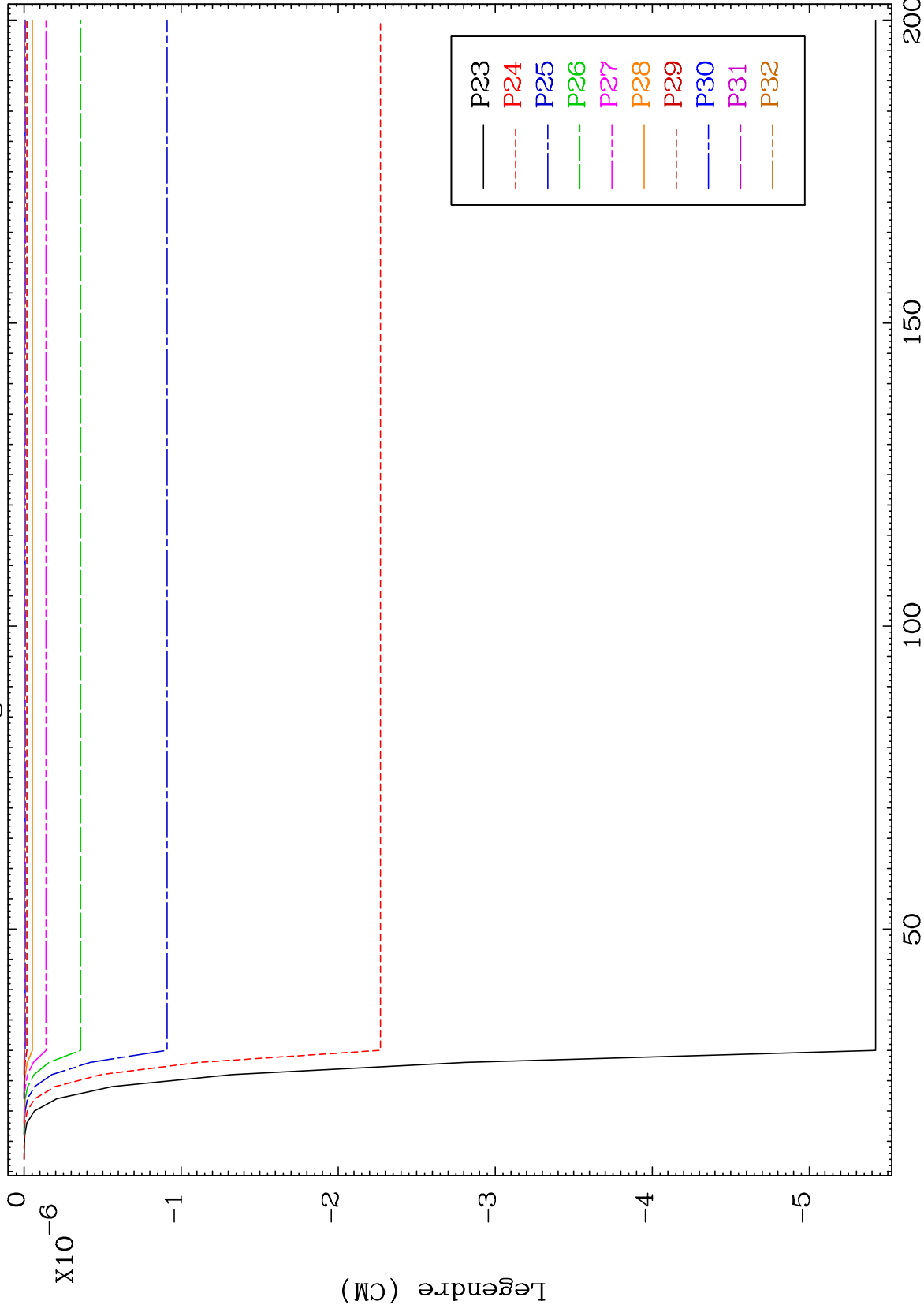
MAT 2958 MT= 71 (n,n') Level Legendre Coefficients 29-Cu-74



MAT 2958

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

29-Cu-74

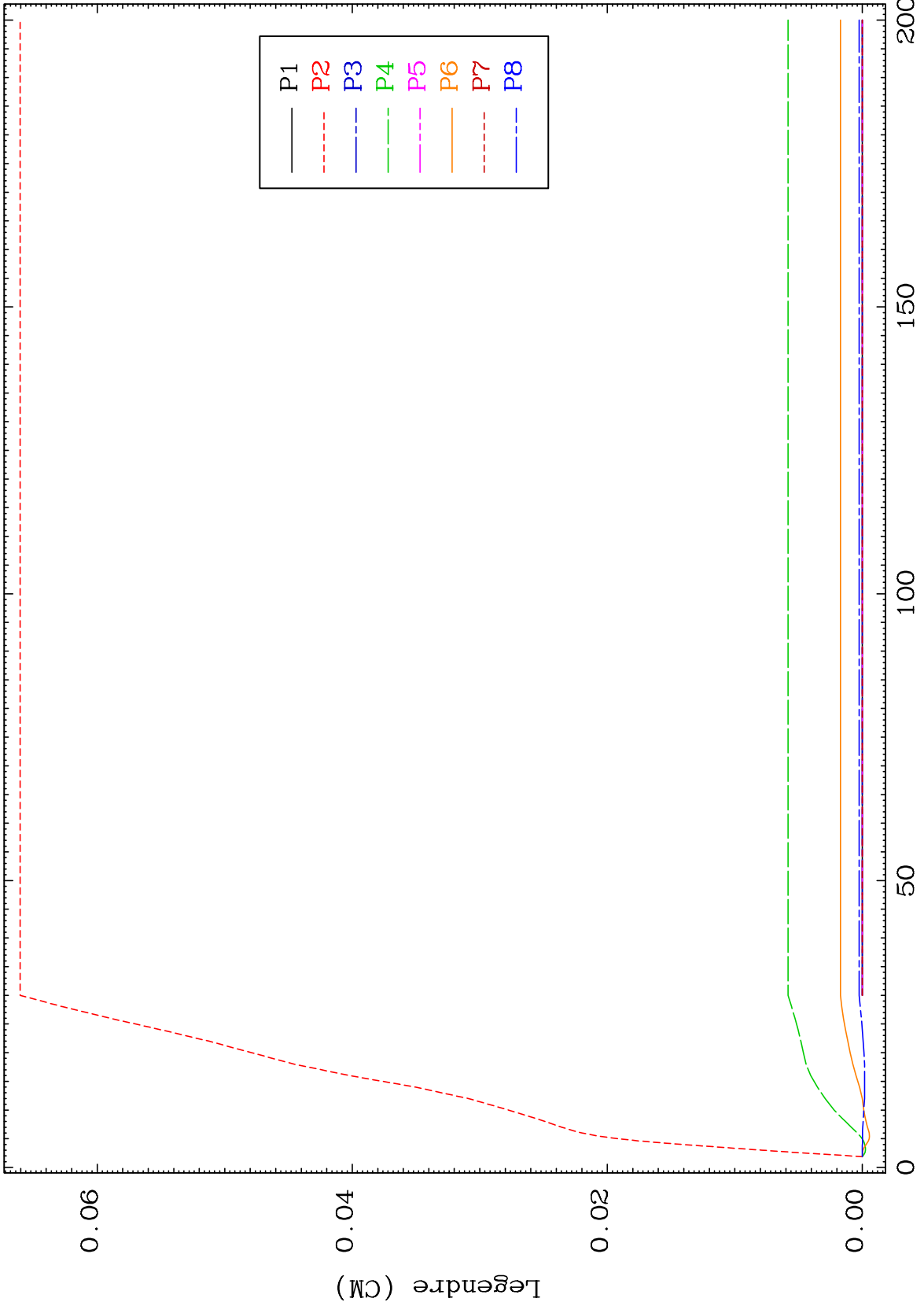


85

Incident Energy (MeV)

29-Cu-74

MAT 2958 MT= 72 (n,n') Level Legendre Coefficients 29-Cu-74

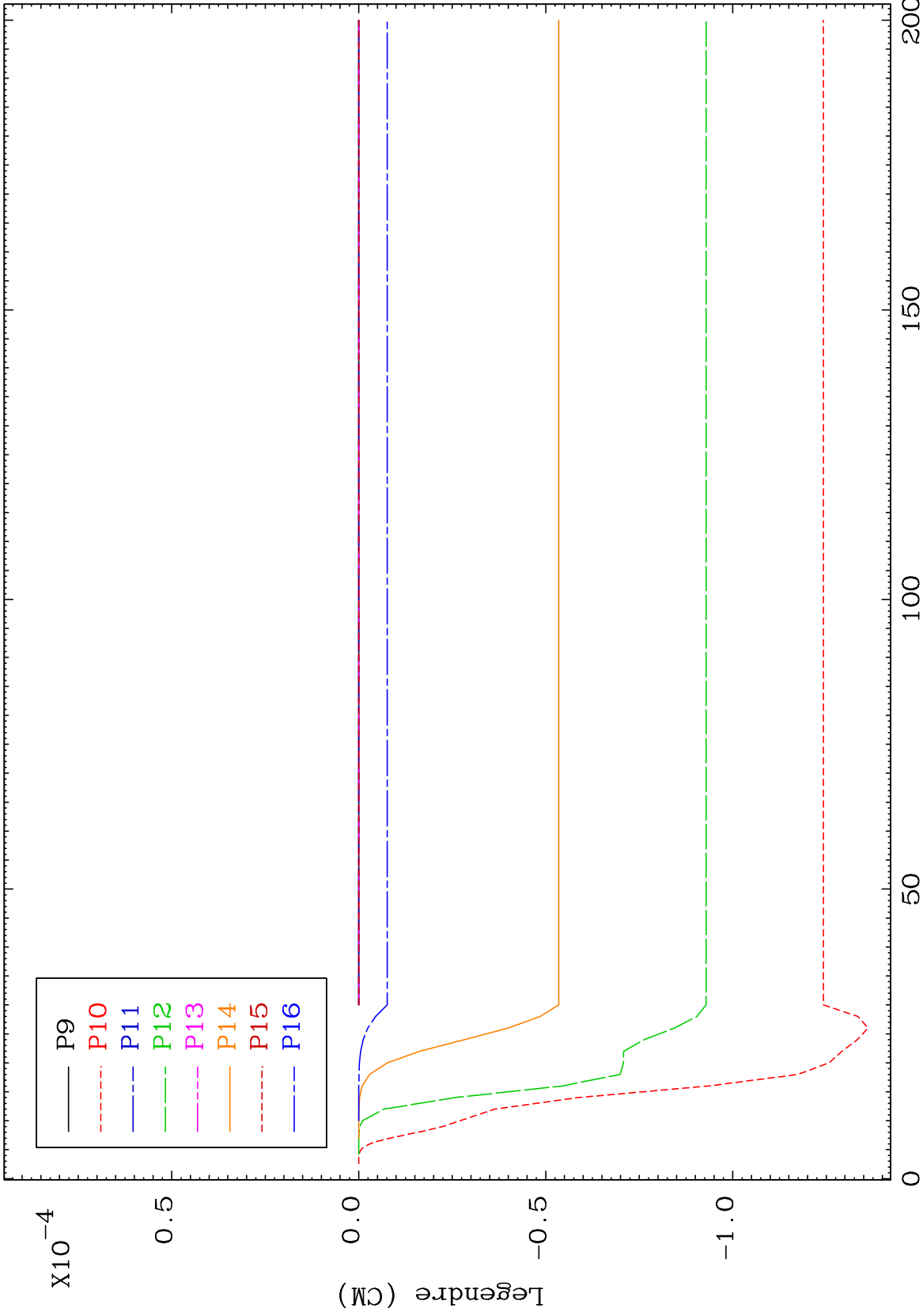


86 29-Cu-74

MAT 2958

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

29-Cu-74

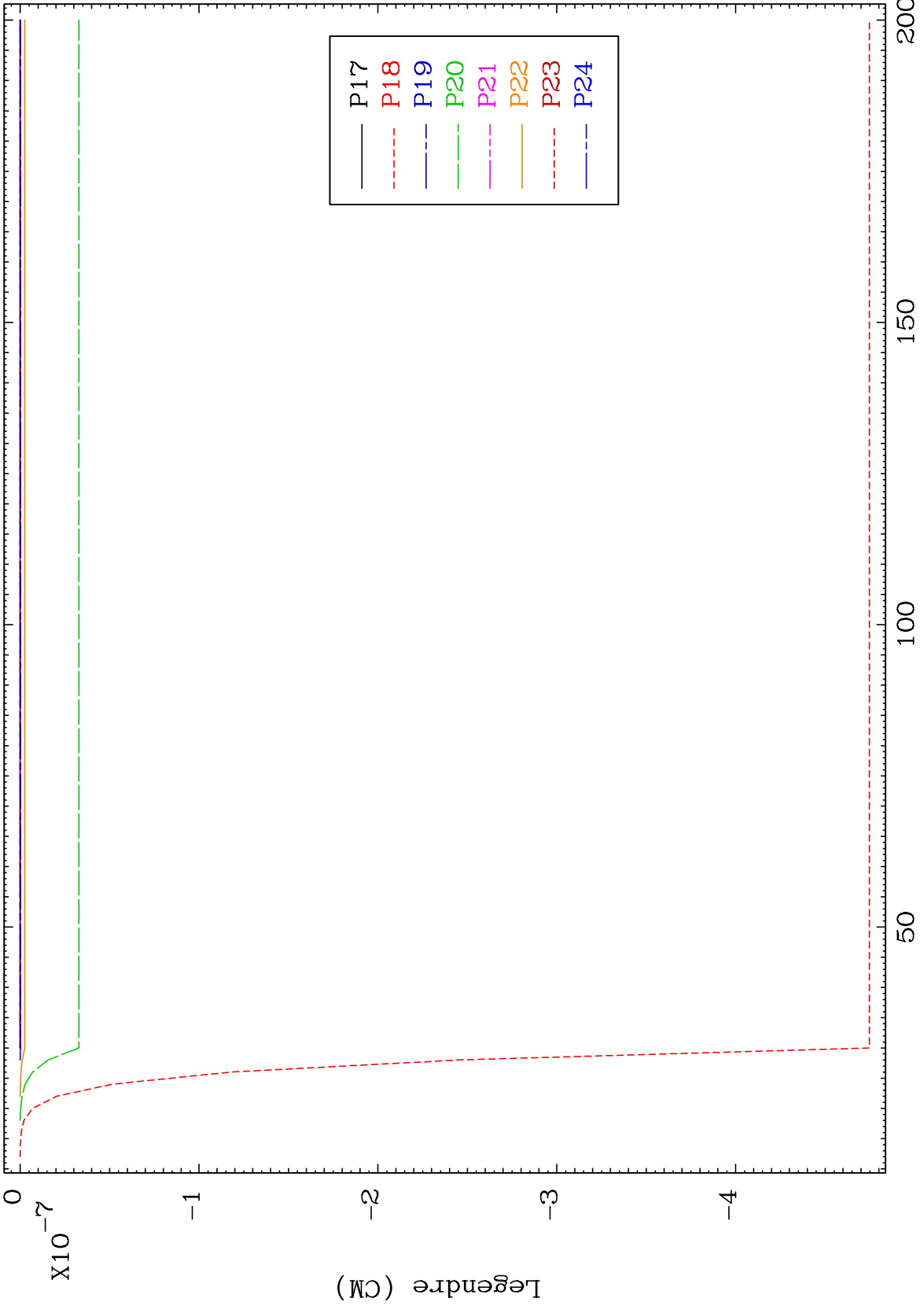


87

Incident Energy (MeV)

29-Cu-74

MAT 2958 MT= 72 (n,n') Level Legendre Coefficients 29-Cu-74

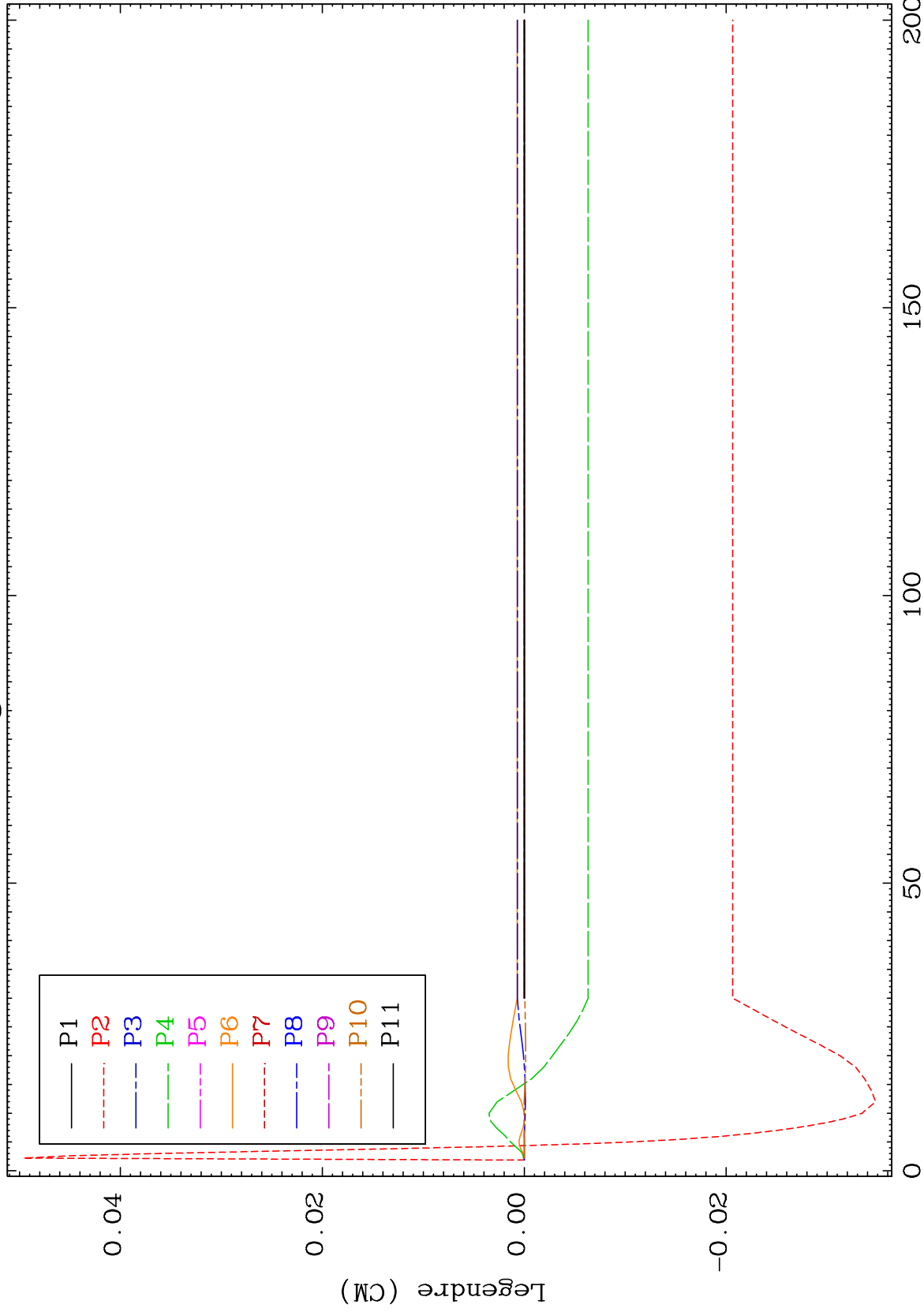


88 29-Cu-74

MAT 2958

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

29-Cu-74

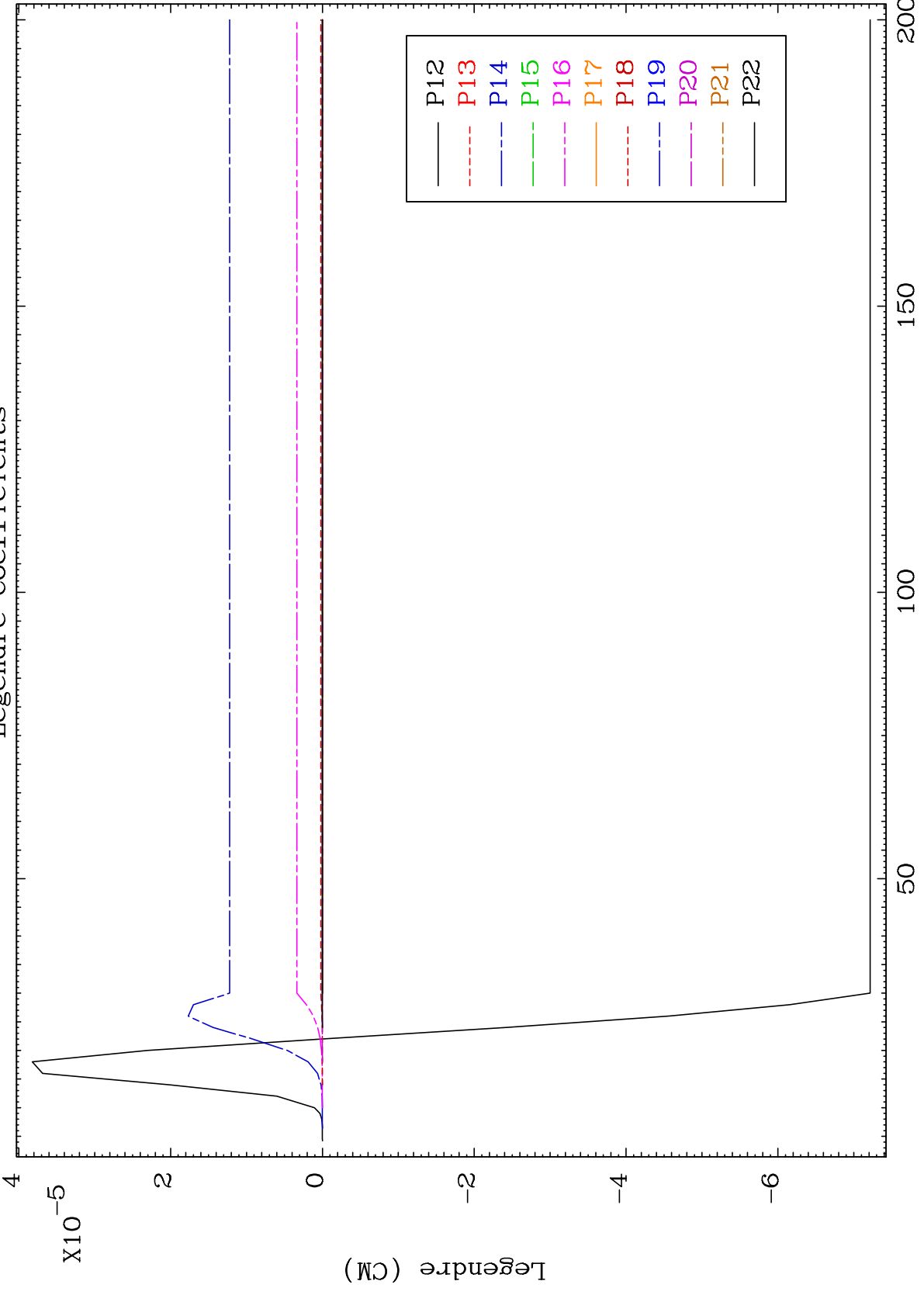


89

Incident Energy (MeV)

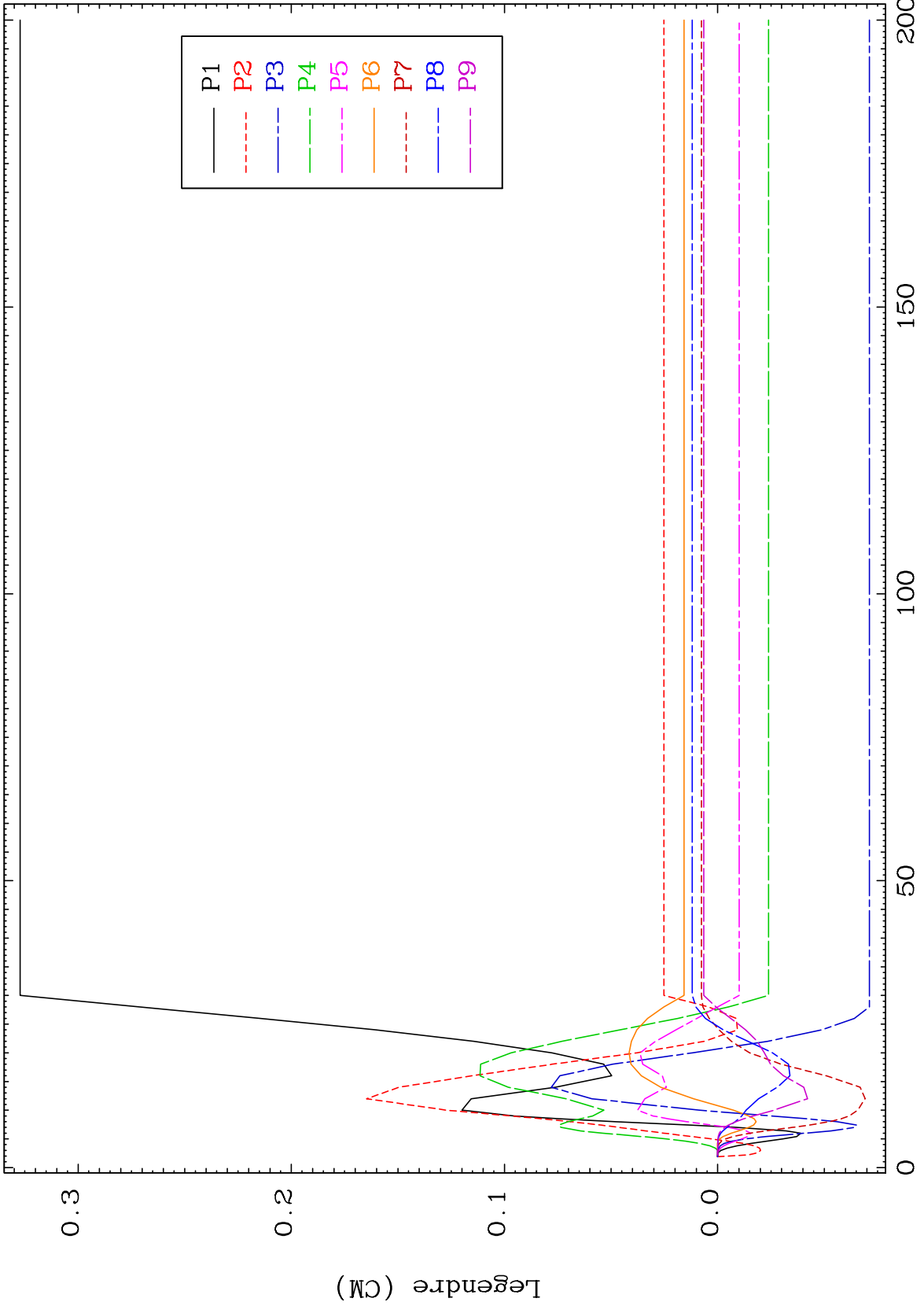
29-Cu-74

MAT 2958 MT= 73 (n,n') Level Legendre Coefficients 29-Cu-74



90 Incident Energy (MeV) 200 29-Cu-74

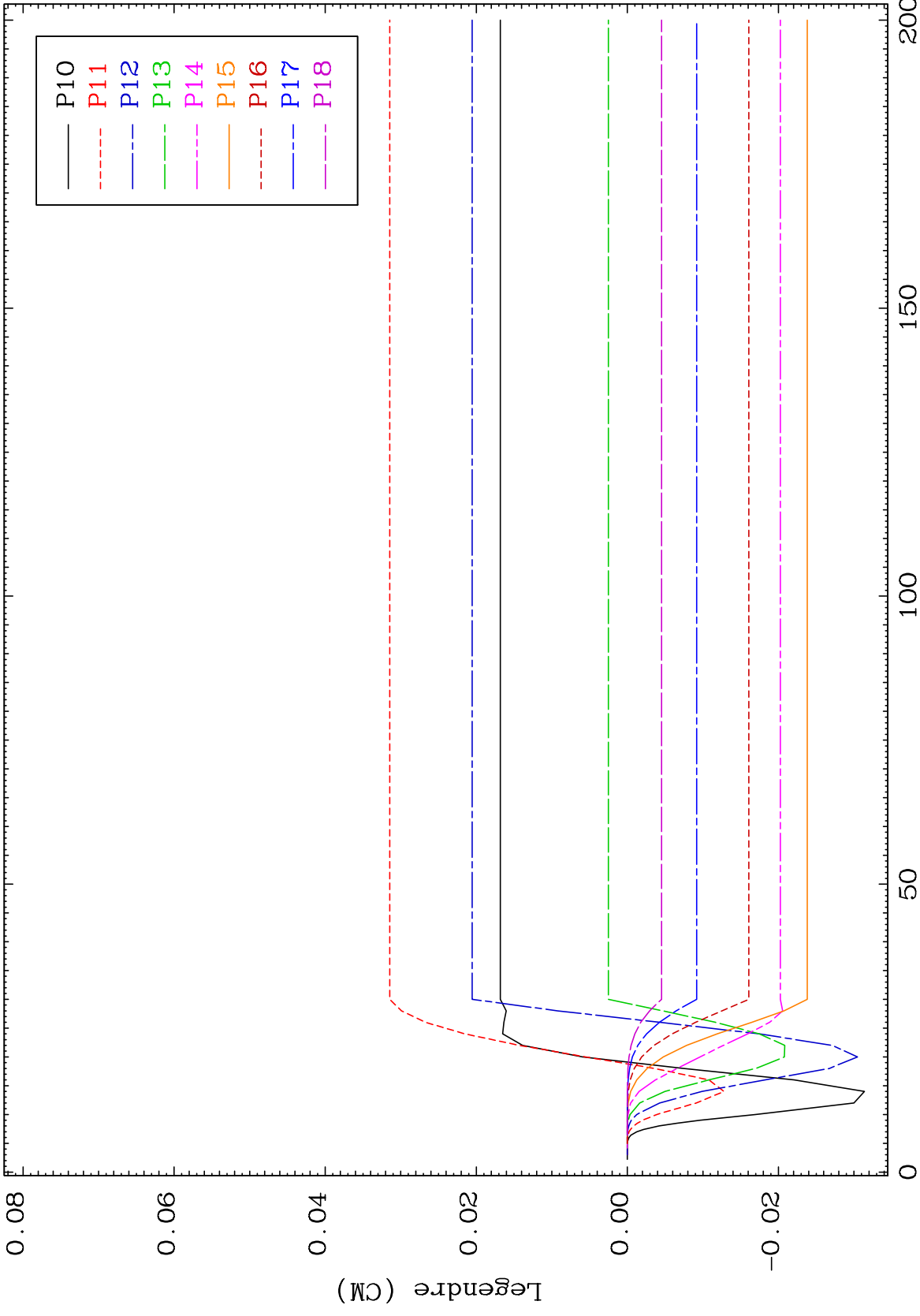
MAT 2958 MT= 74 (n,n') Level Legendre Coefficients 29-Cu-74



MAT 2958

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

29-Cu-74



92

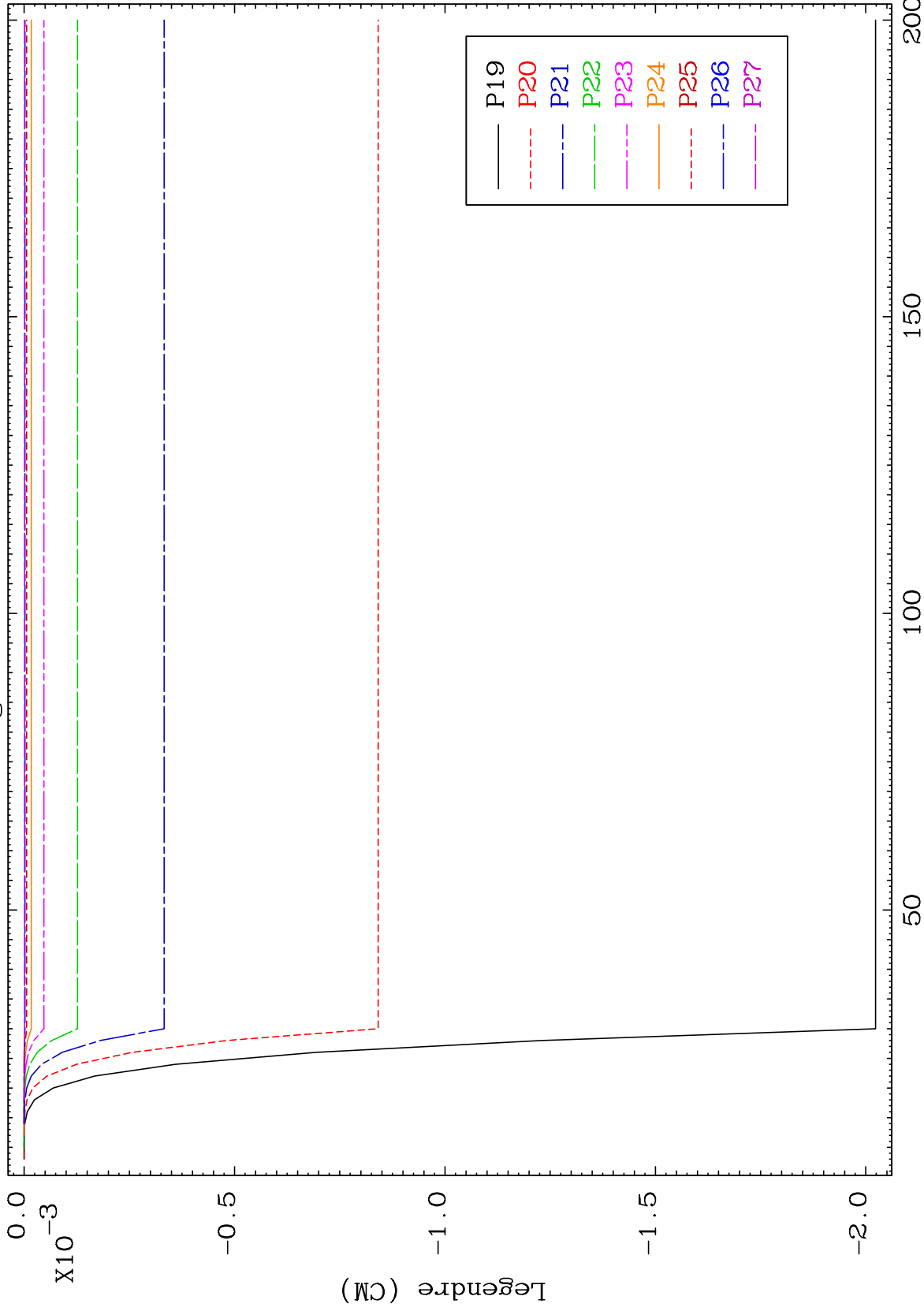
Incident Energy (MeV)

29-Cu-74

MAT 2958

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

29-Cu-74

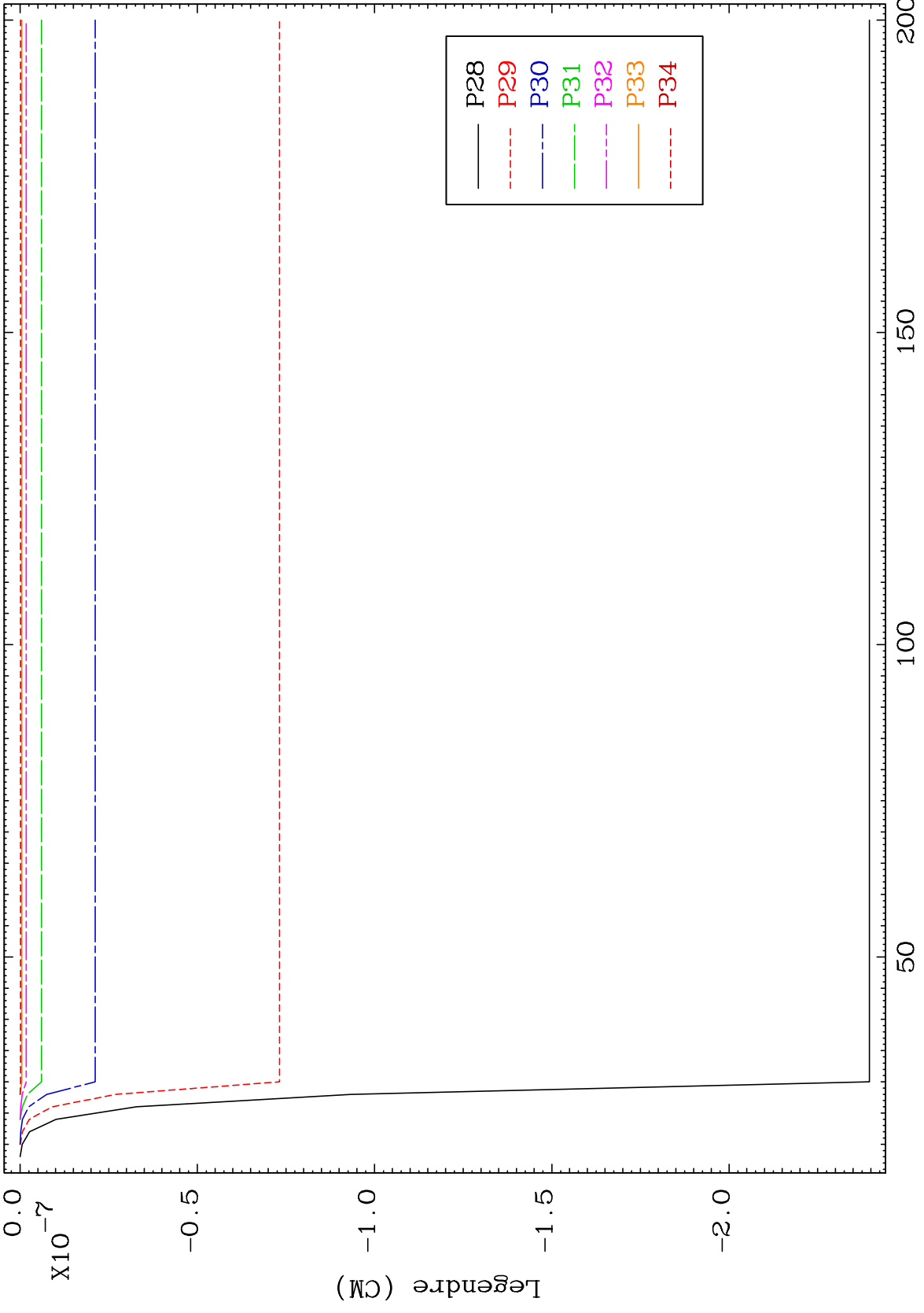


93

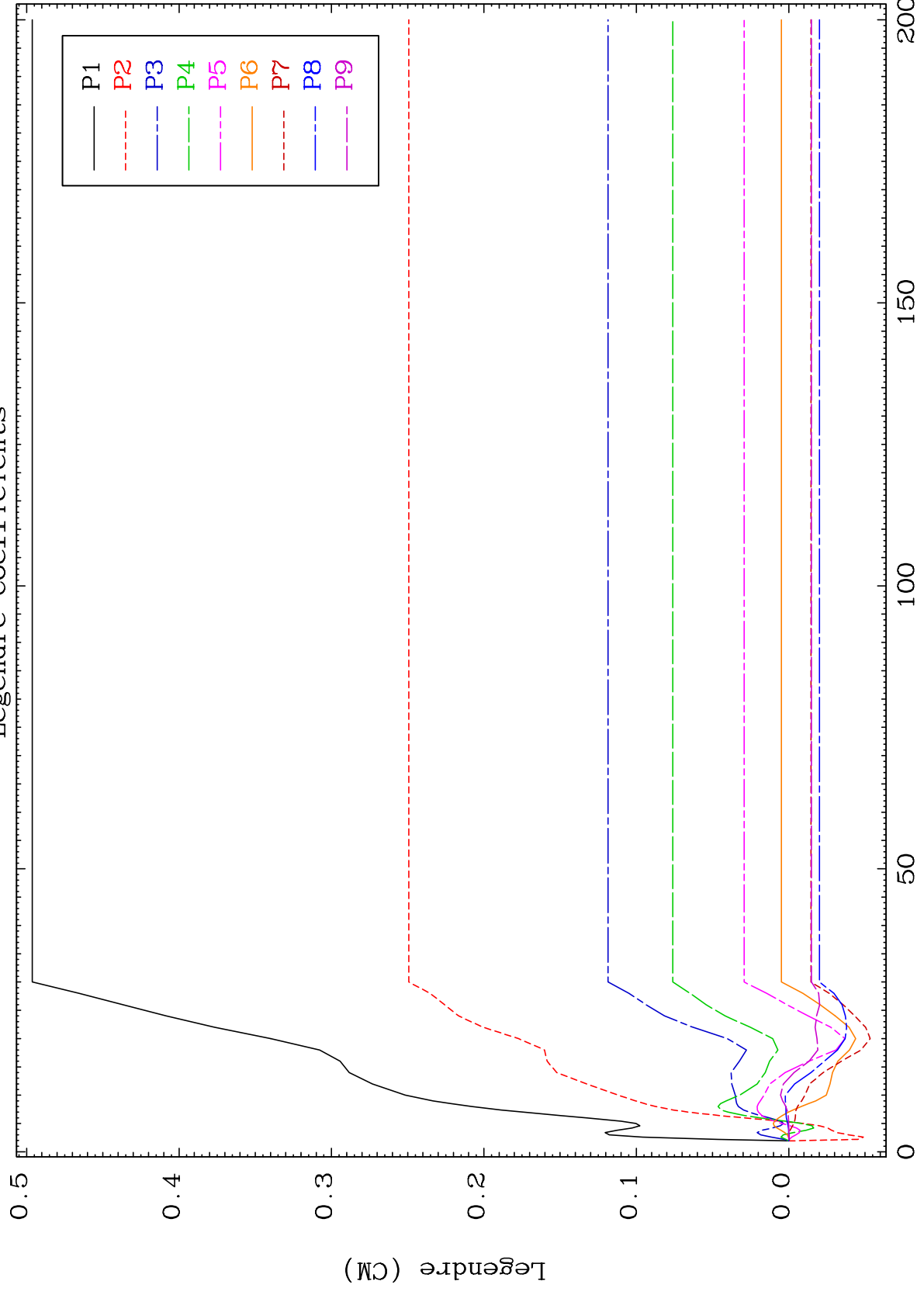
Incident Energy (MeV)

29-Cu-74

MAT 2958 MT= 74 (n,n') Level Legendre Coefficients 29-Cu-74

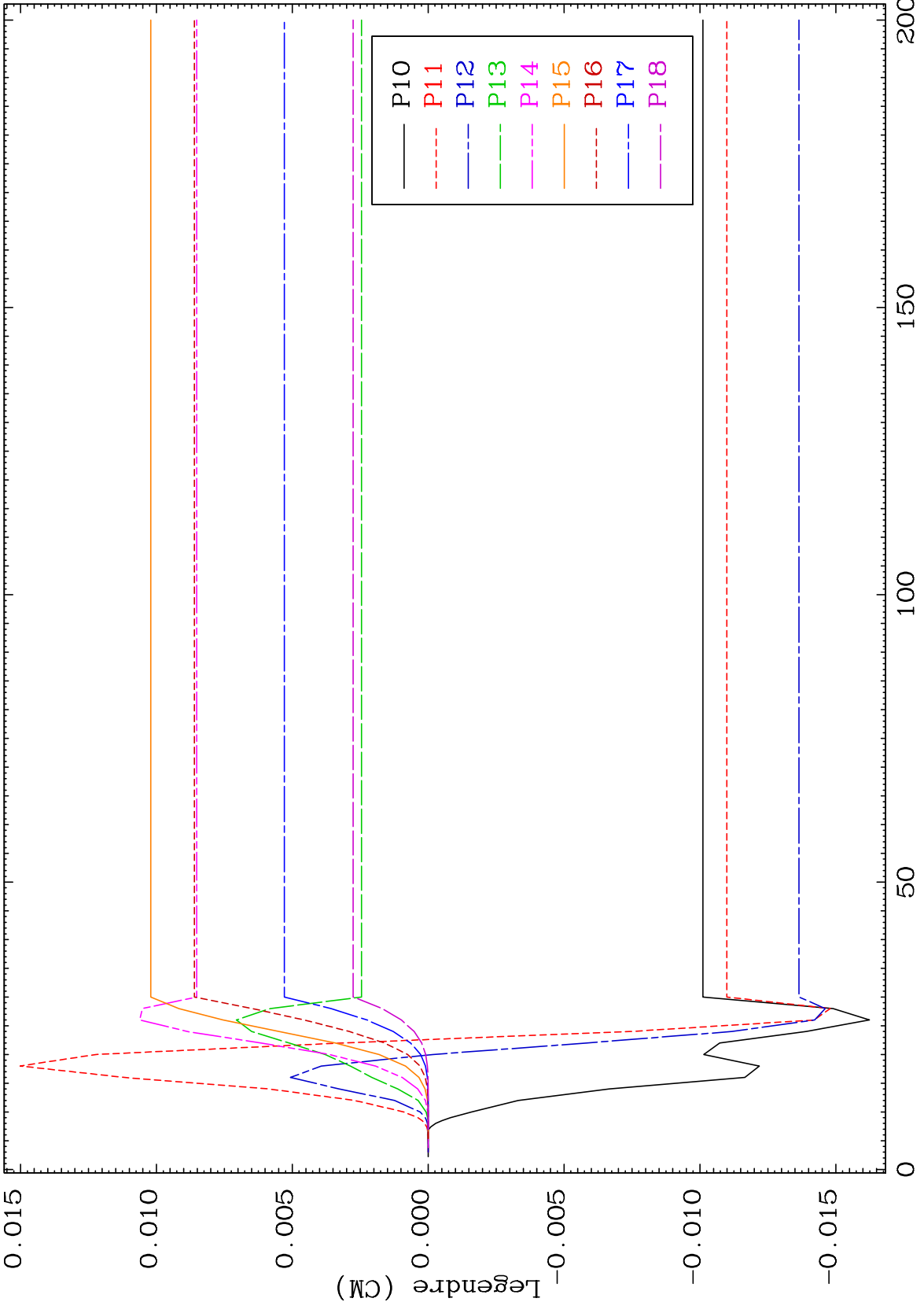


MAT 2958 MT= 75 (n,n') Level Legendre Coefficients 29-Cu-74



95 Incident Energy (MeV) 29-Cu-74

MAT 2958 MT= 75 (n,n') Level Legendre Coefficients 29-Cu-74

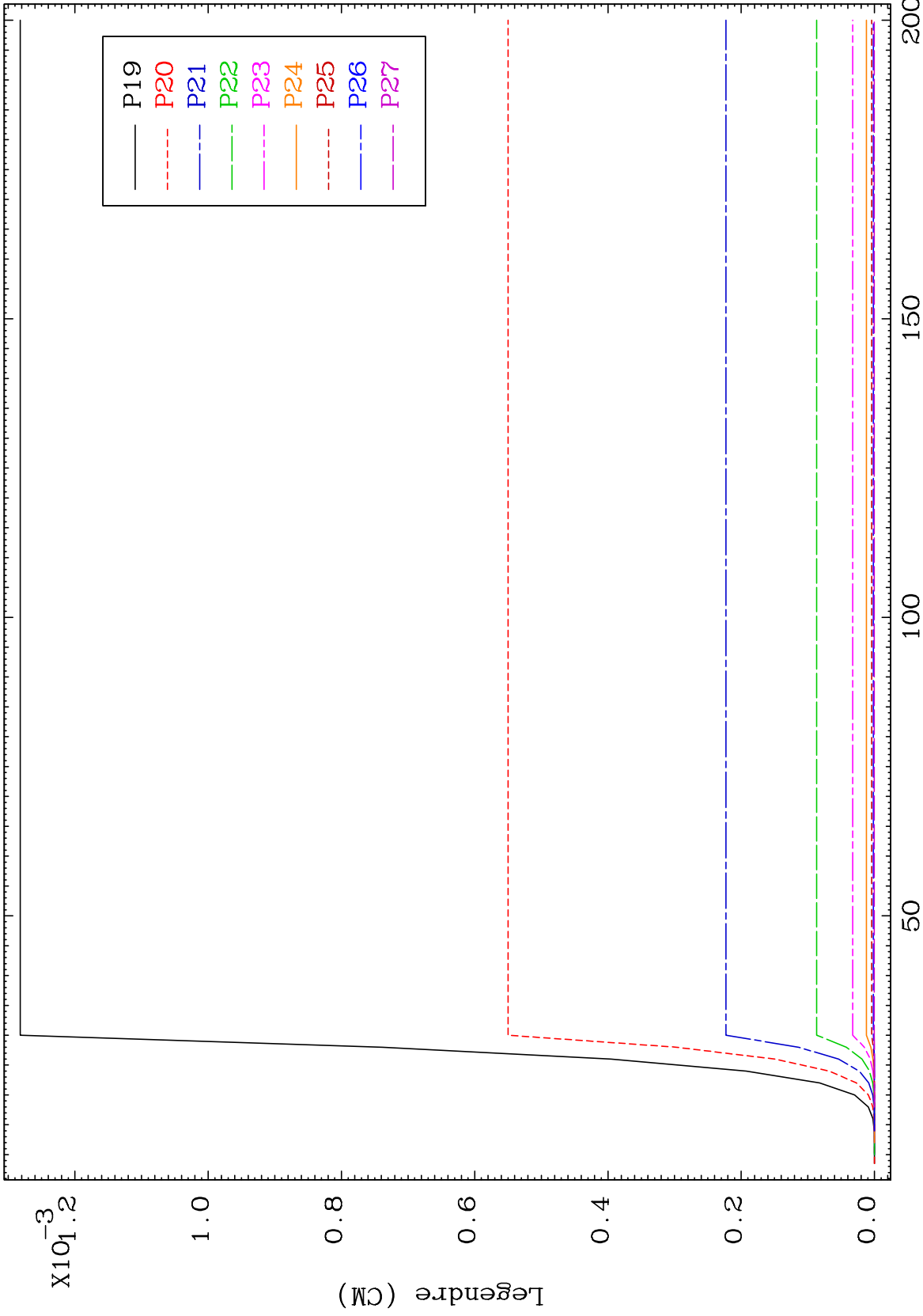


96 29-Cu-74

MAT 2958

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

29-Cu-74



97

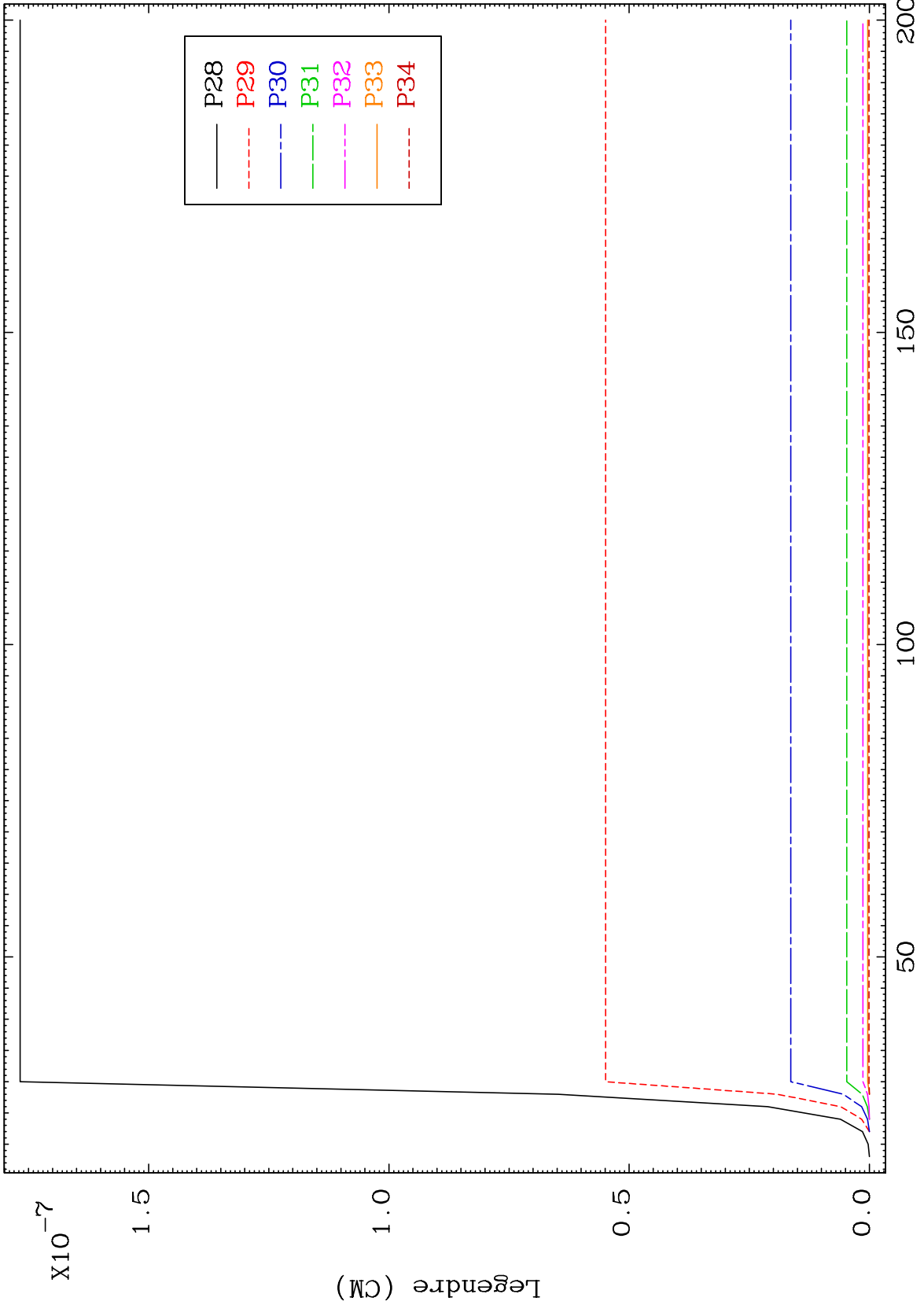
Incident Energy (MeV)

29-Cu-74

MAT 2958

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

29-Cu-74

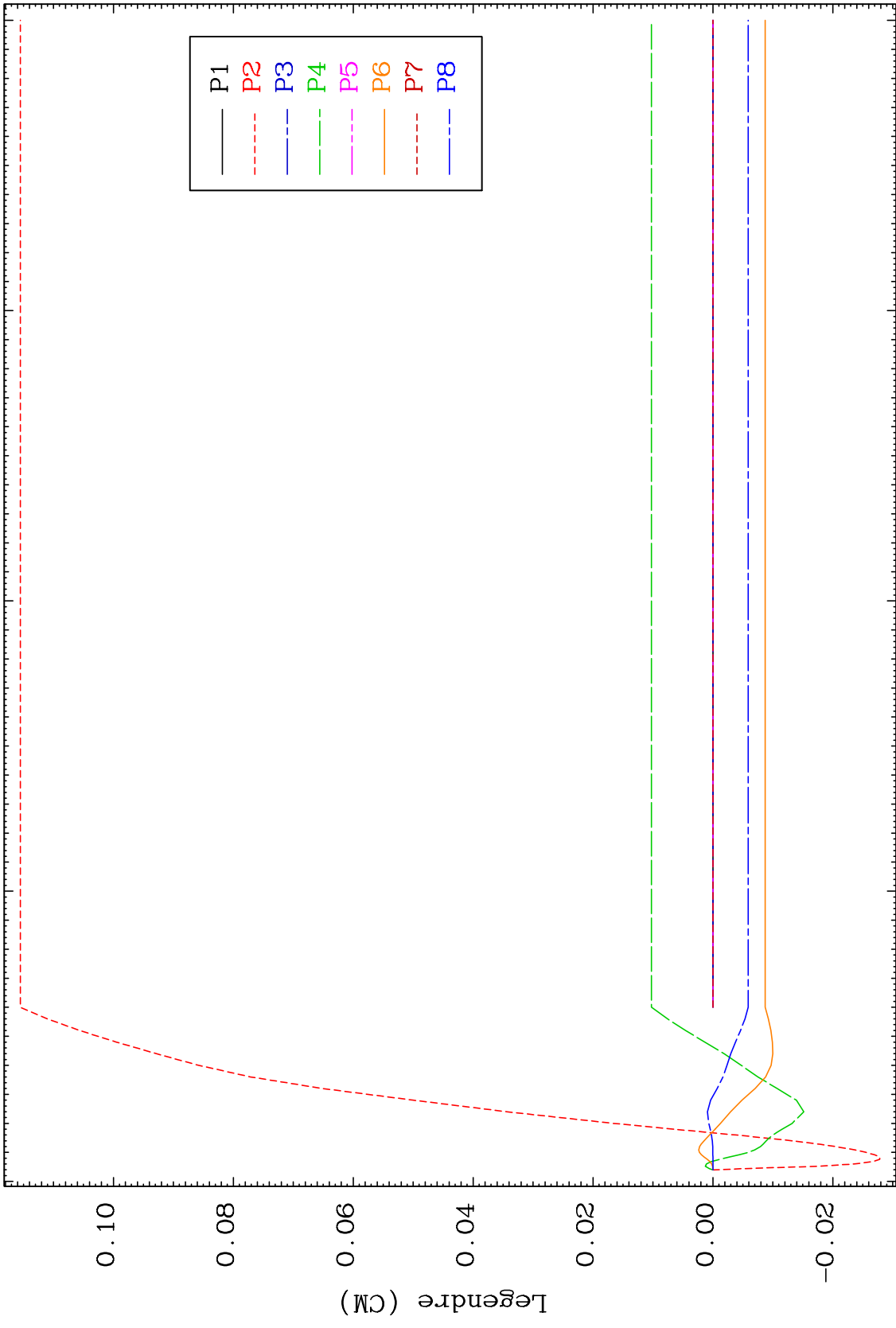


98

Incident Energy (MeV)

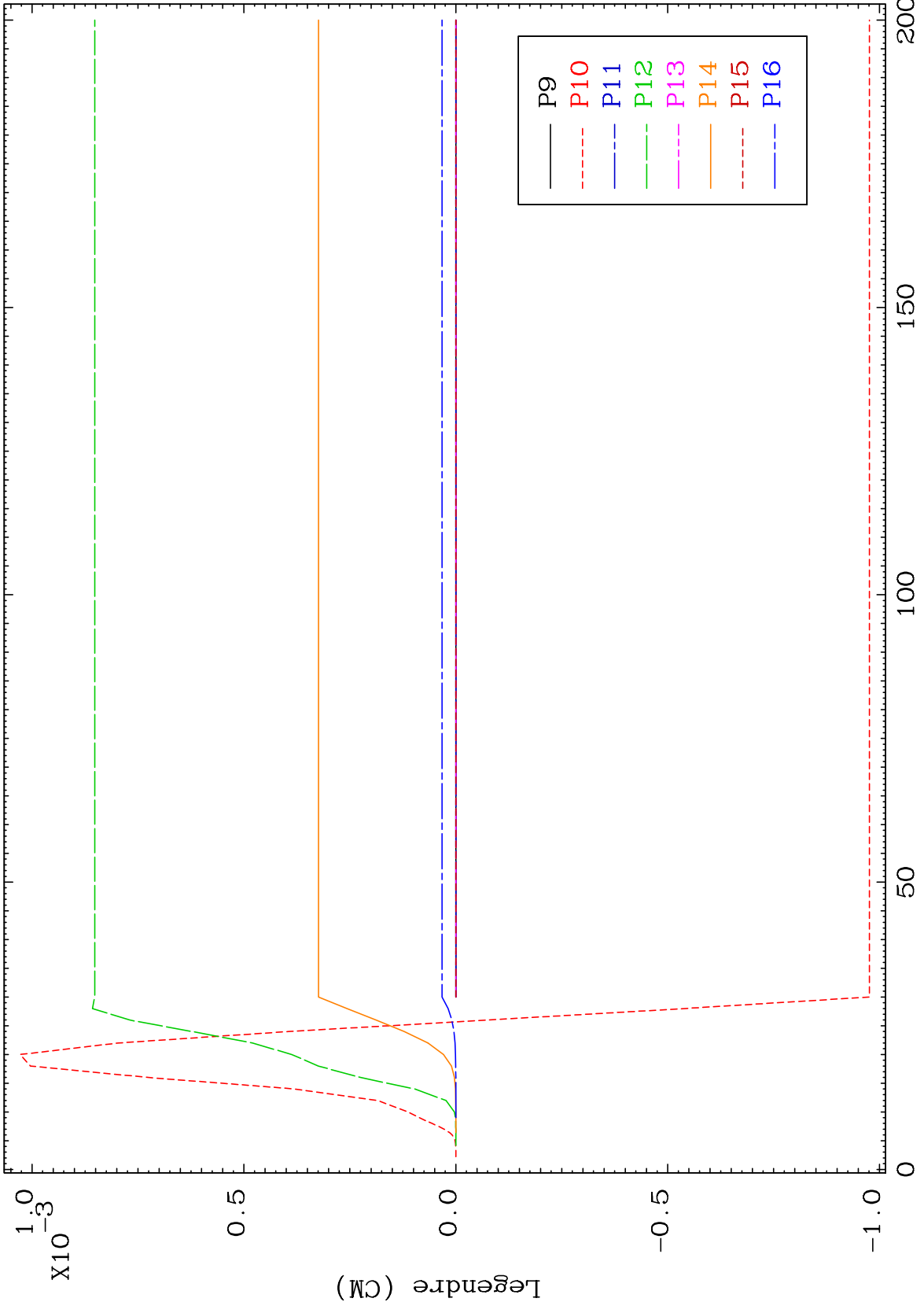
29-Cu-74

MAT 2958 MT= 76 (n,n') Level Legendre Coefficients 29-Cu-74



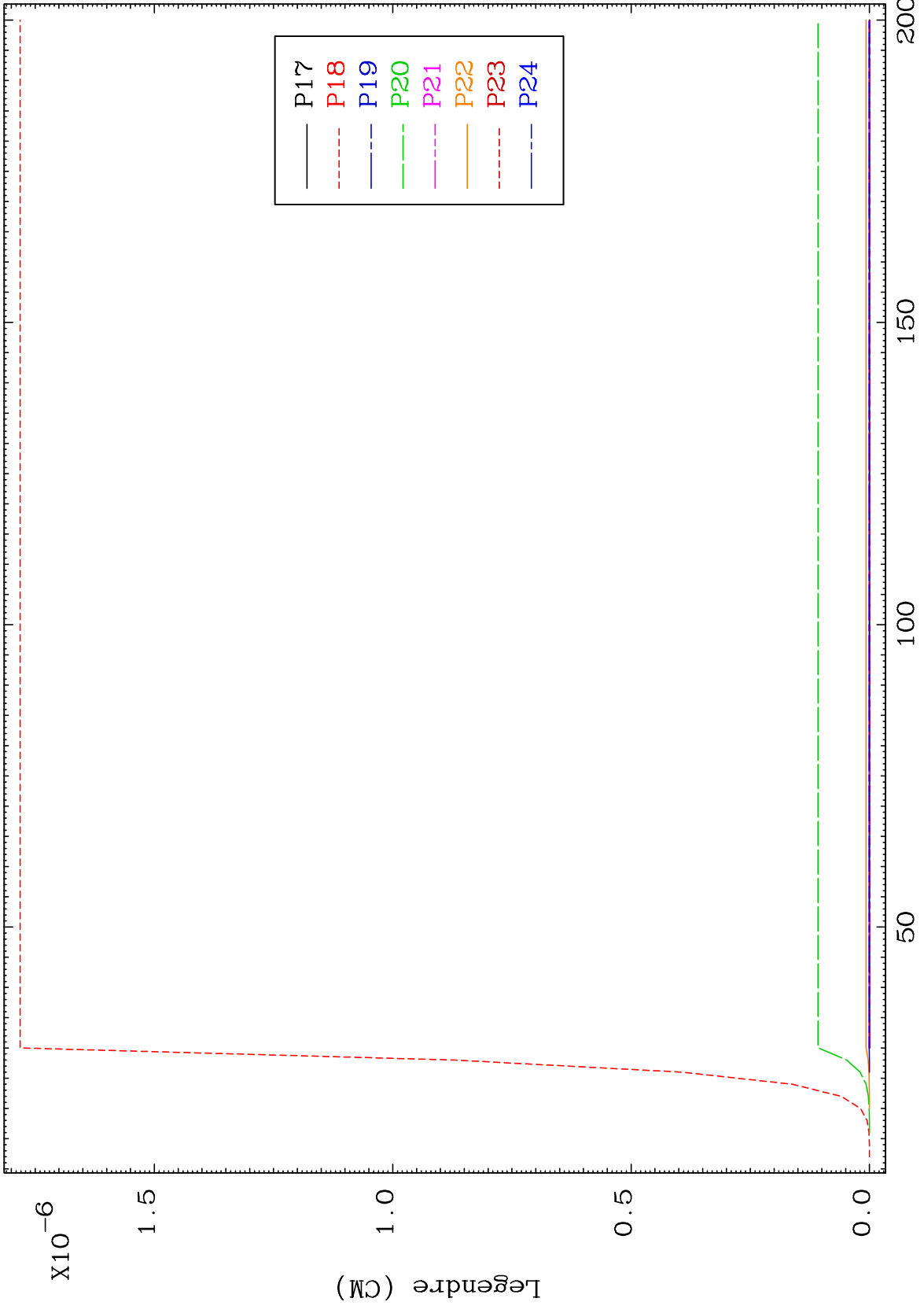
99 Incident Energy (MeV) 29-Cu-74

MAT 2958 MT= 76 (n,n') Level Legendre Coefficients 29-Cu-74



Incident Energy (MeV) 29-Cu-74

MAT 2958 MT= 76 (n,n') Level Legendre Coefficients 29-Cu-74

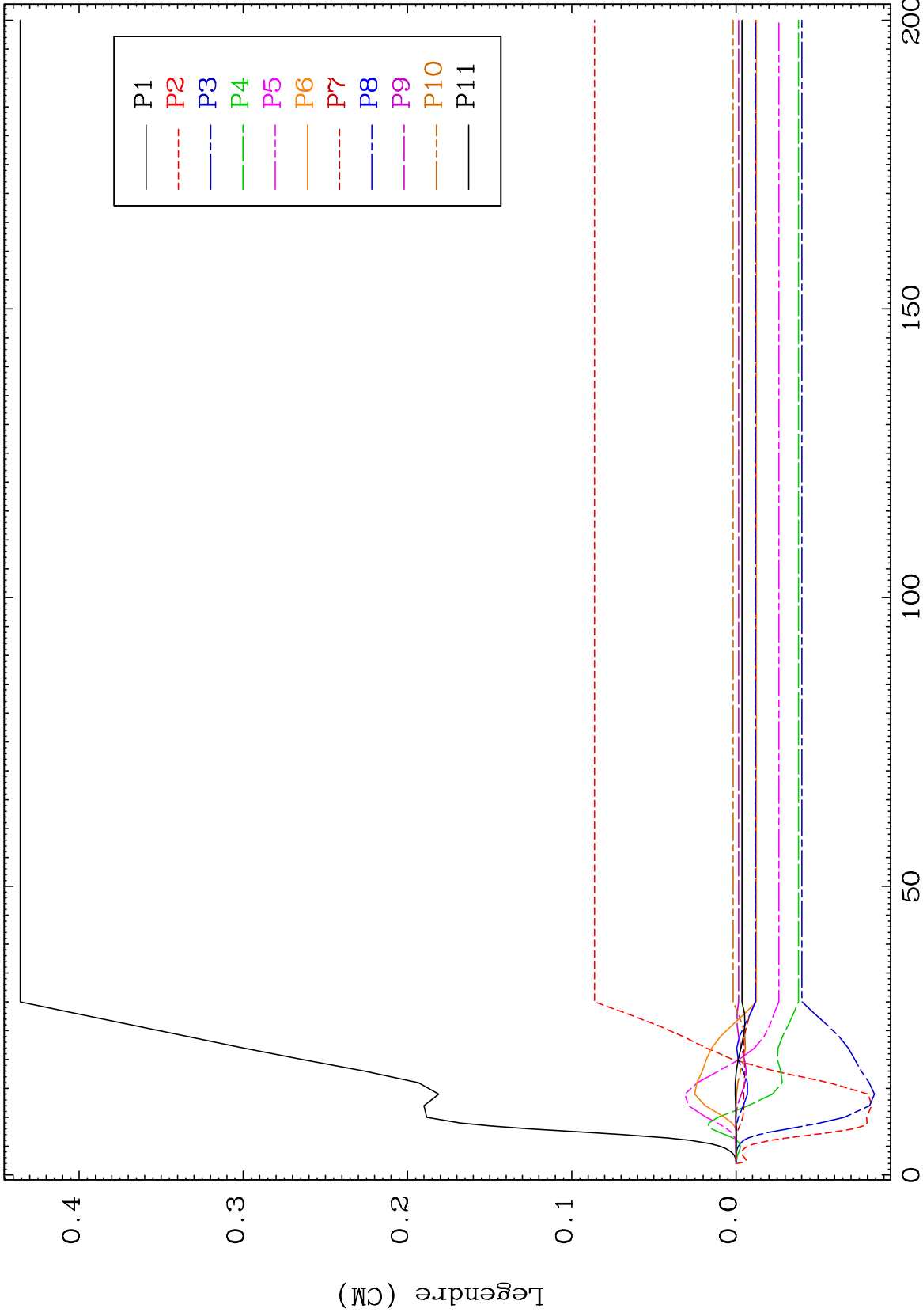


101 50 100 150 200 29-Cu-74

MAT 2958

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

29-Cu-74



29-Cu-74

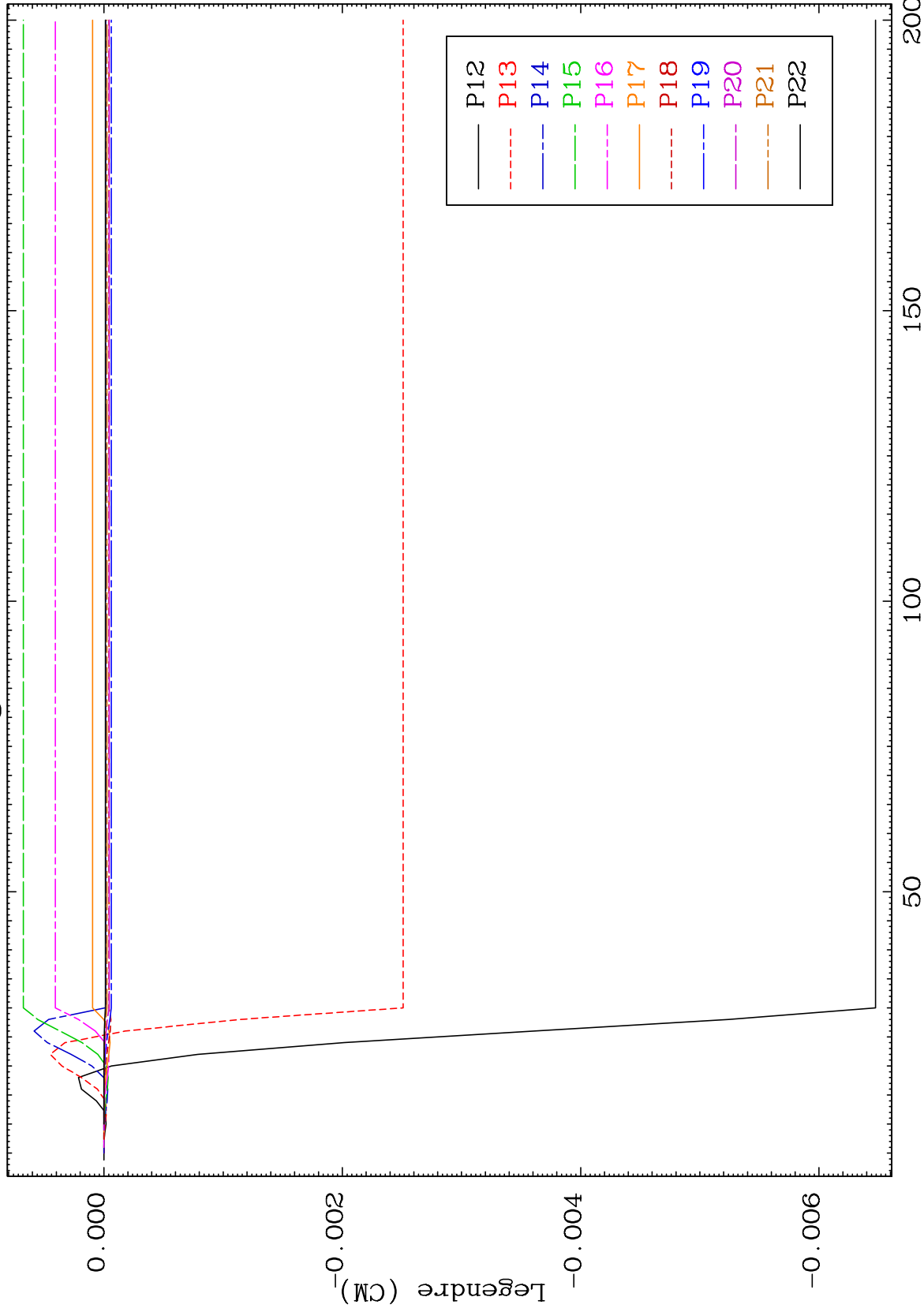
Incident Energy (MeV)

102

MAT 2958

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

29-Cu-74

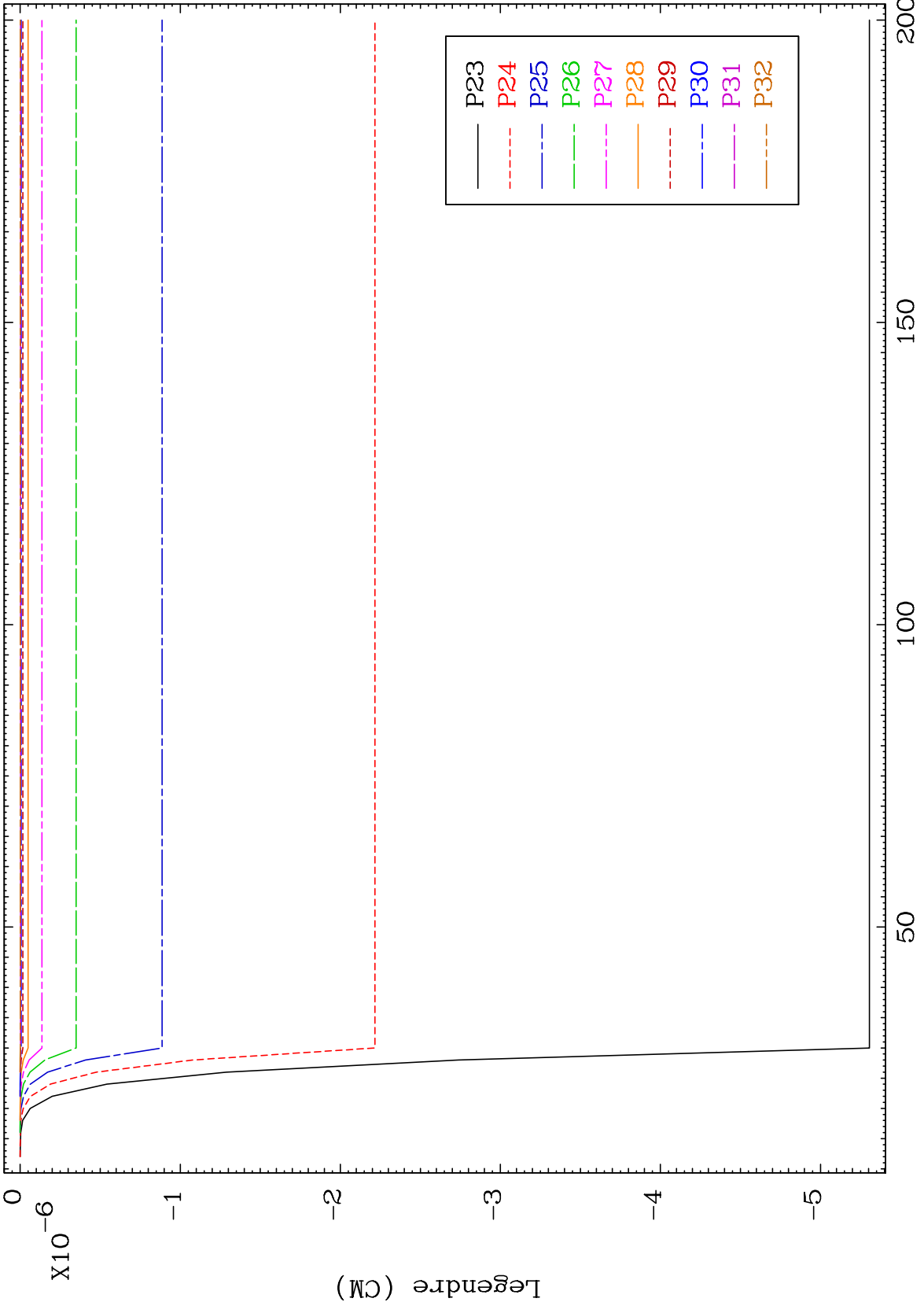


103

Incident Energy (MeV)

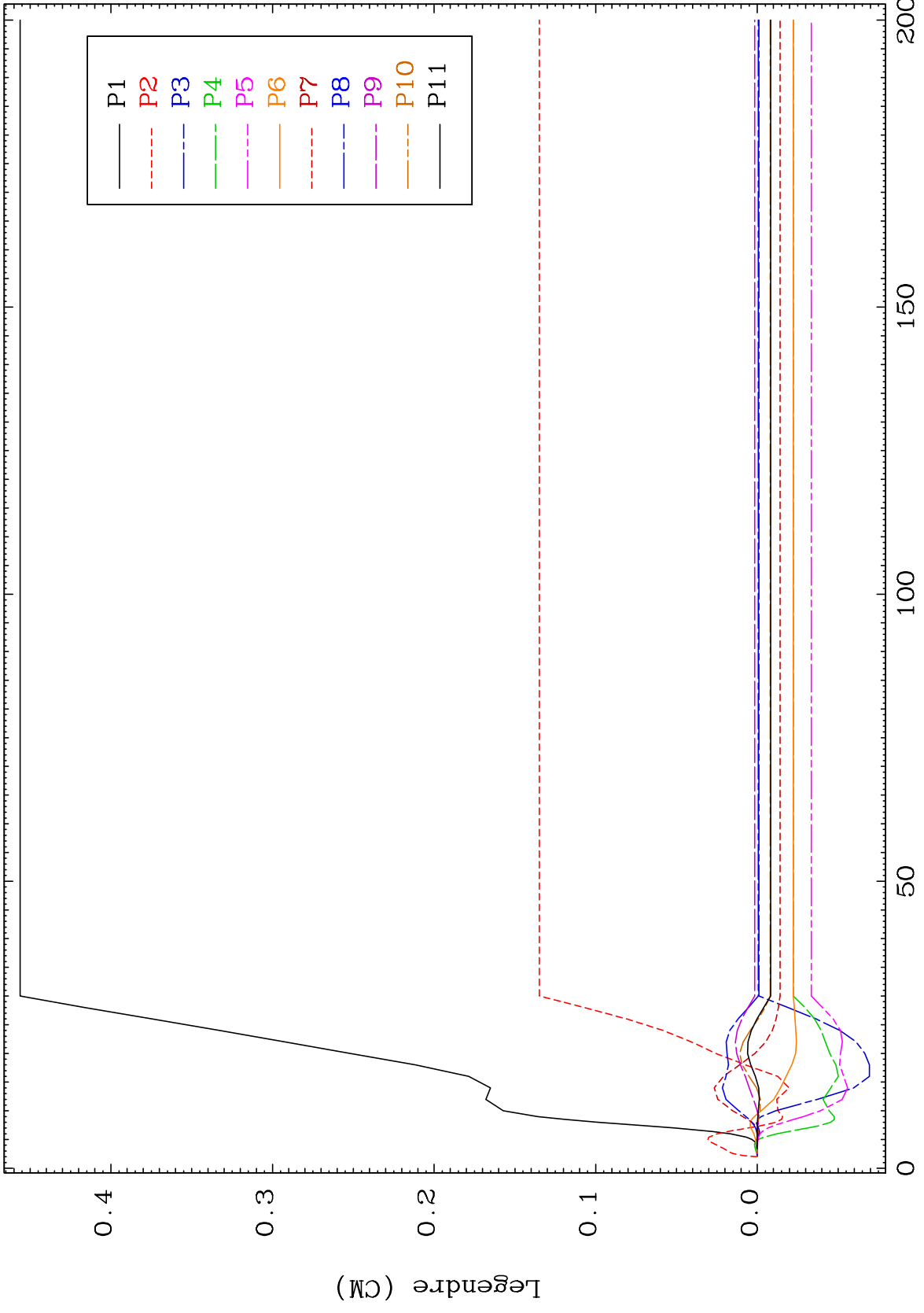
29-Cu-74

MAT 2958 MT= 77 (n,n') Level Legendre Coefficients 29-Cu-74



104 Incident Energy (MeV) 29-Cu-74

MAT 2958 MT= 78 (n,n') Level Legendre Coefficients 29-Cu-74

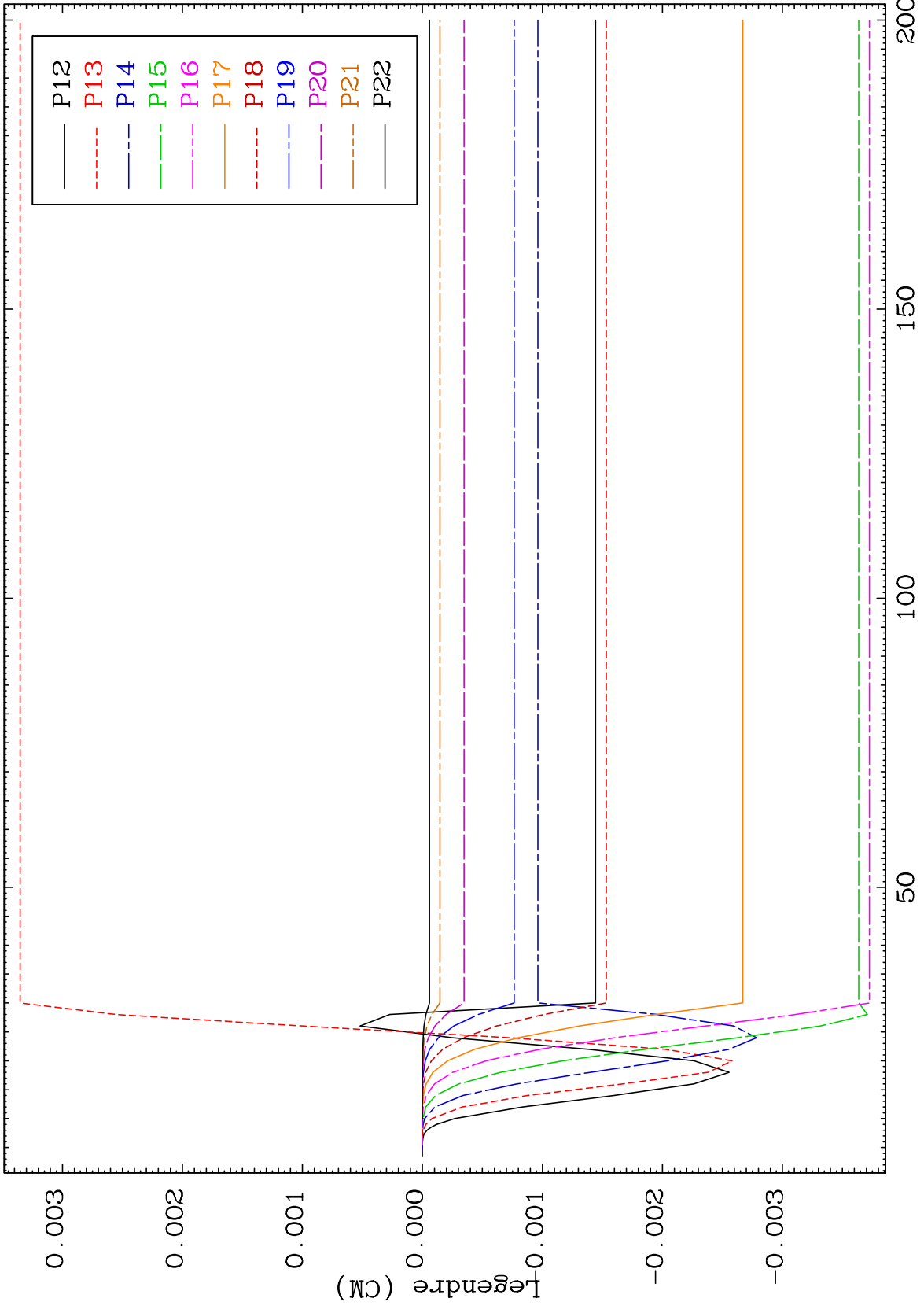


Legendre (CM) Incident Energy (MeV) 29-Cu-74

MAT 2958

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

29-Cu-74

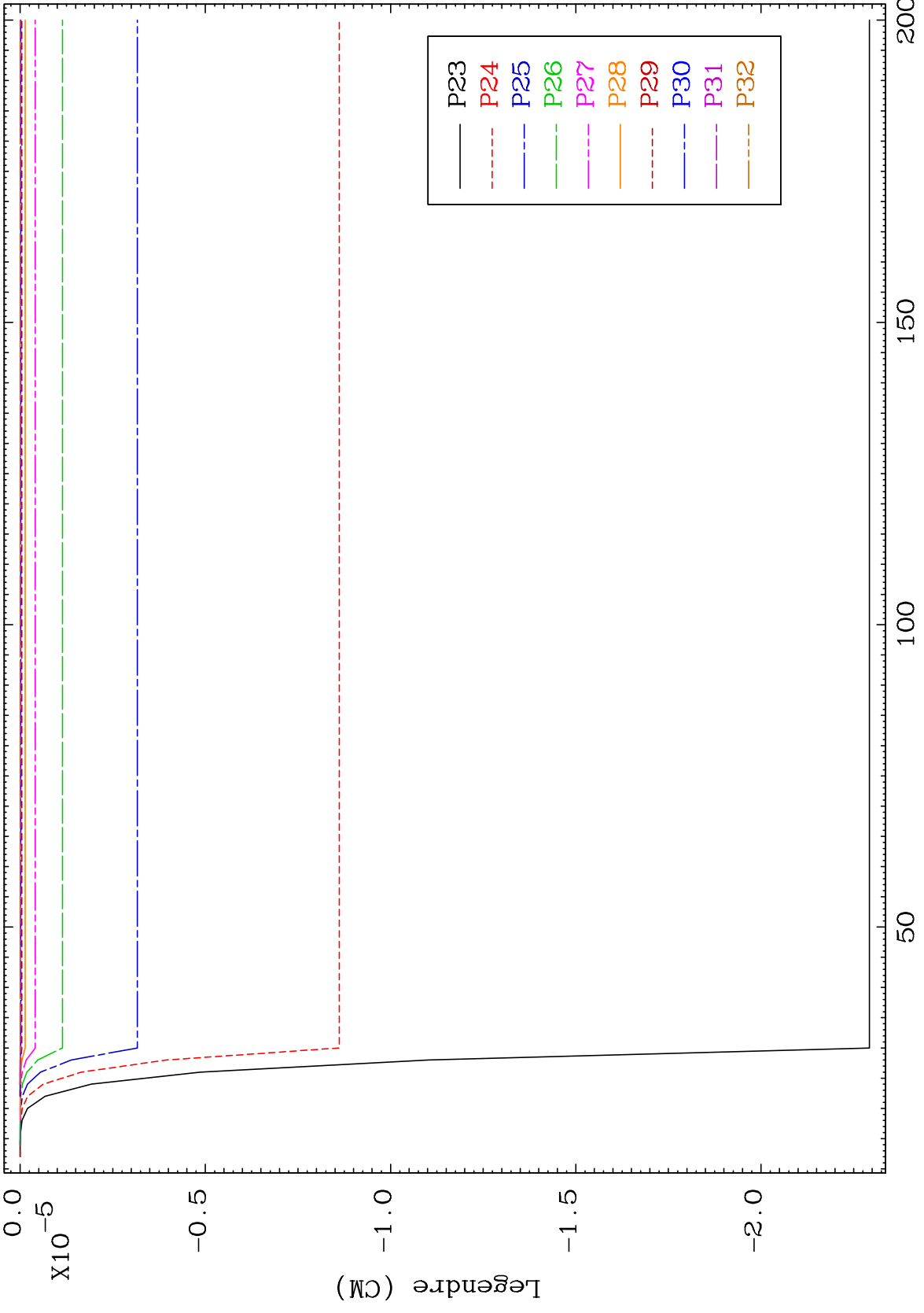


106

Incident Energy (MeV)

29-Cu-74

MAT 2958 MT= 78 (n,n') Level Legendre Coefficients 29-Cu-74

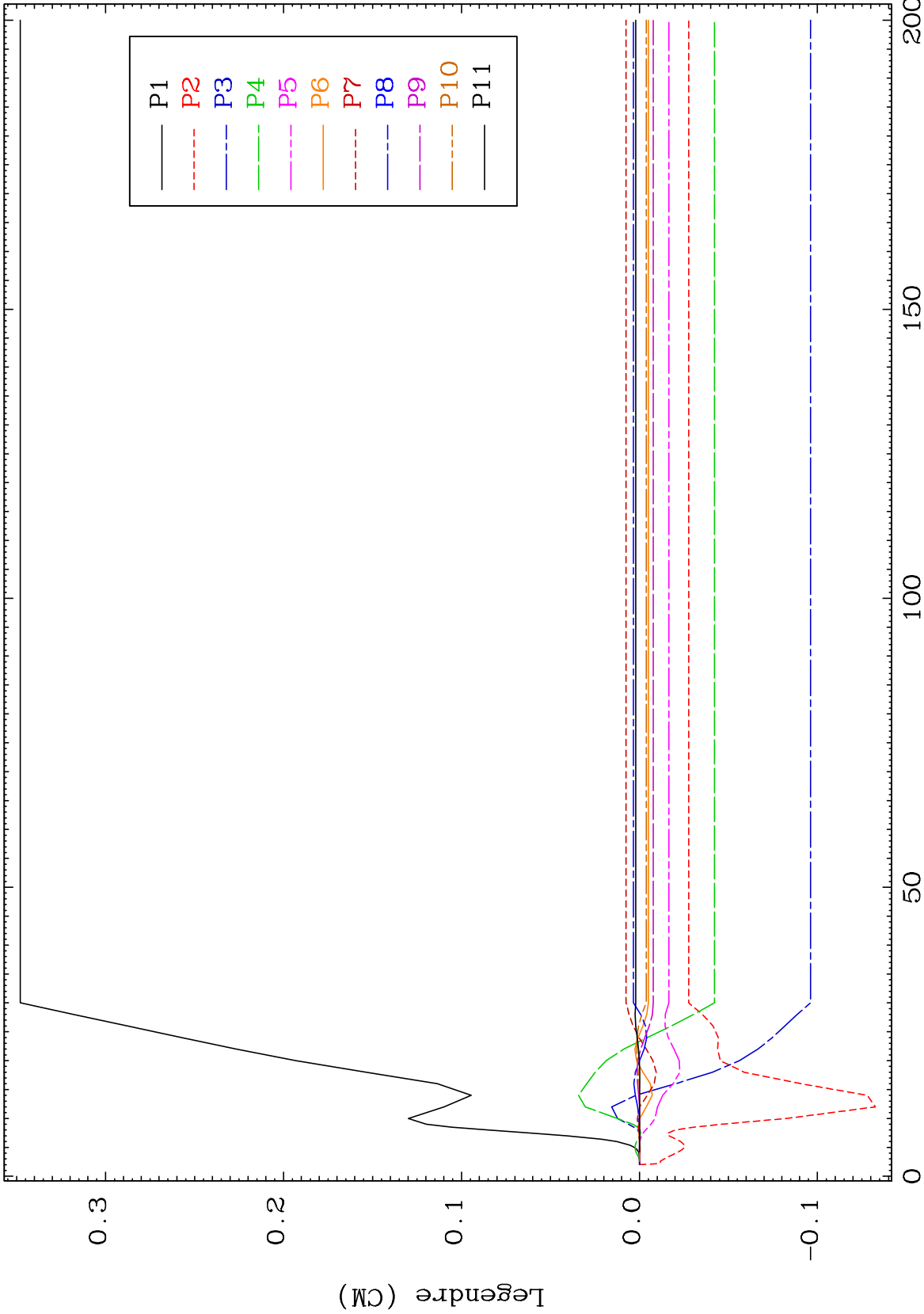


107 29-Cu-74

MAT 2958

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

29-Cu-74



29-Cu-74

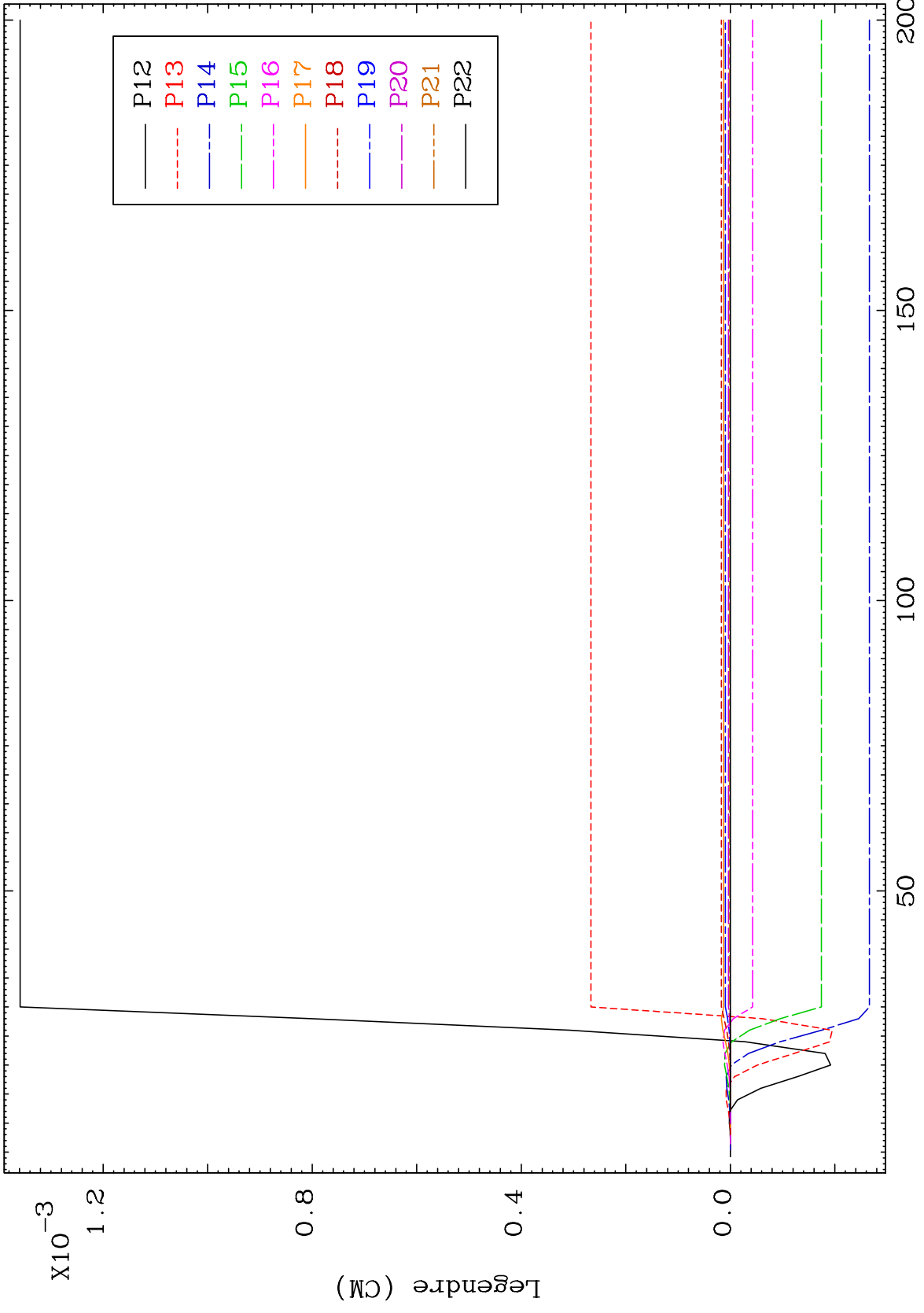
Incident Energy (MeV)

108

MAT 2958

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

29-Cu-74



109

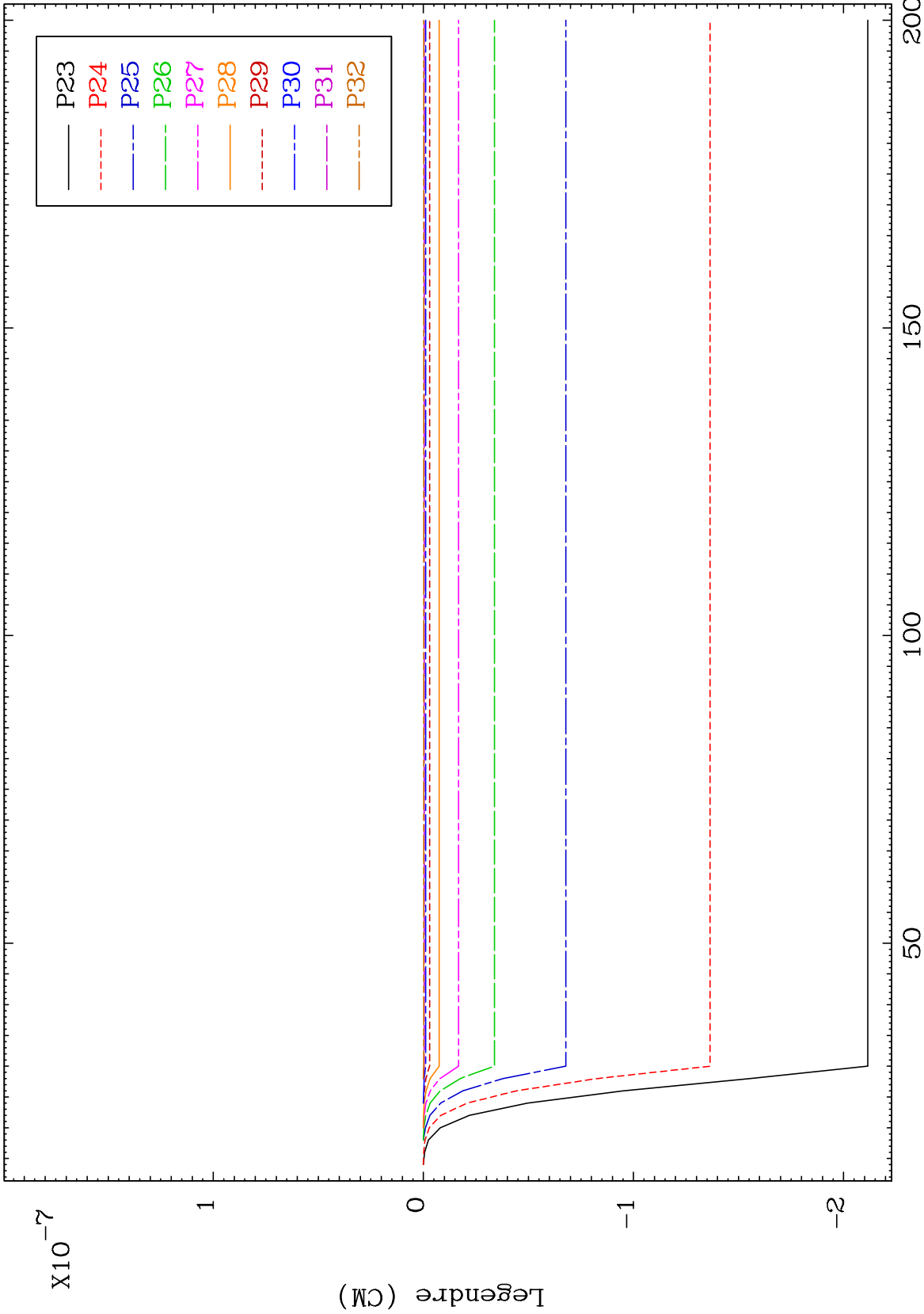
Incident Energy (MeV)

29-Cu-74

MAT 2958

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

29-Cu-74

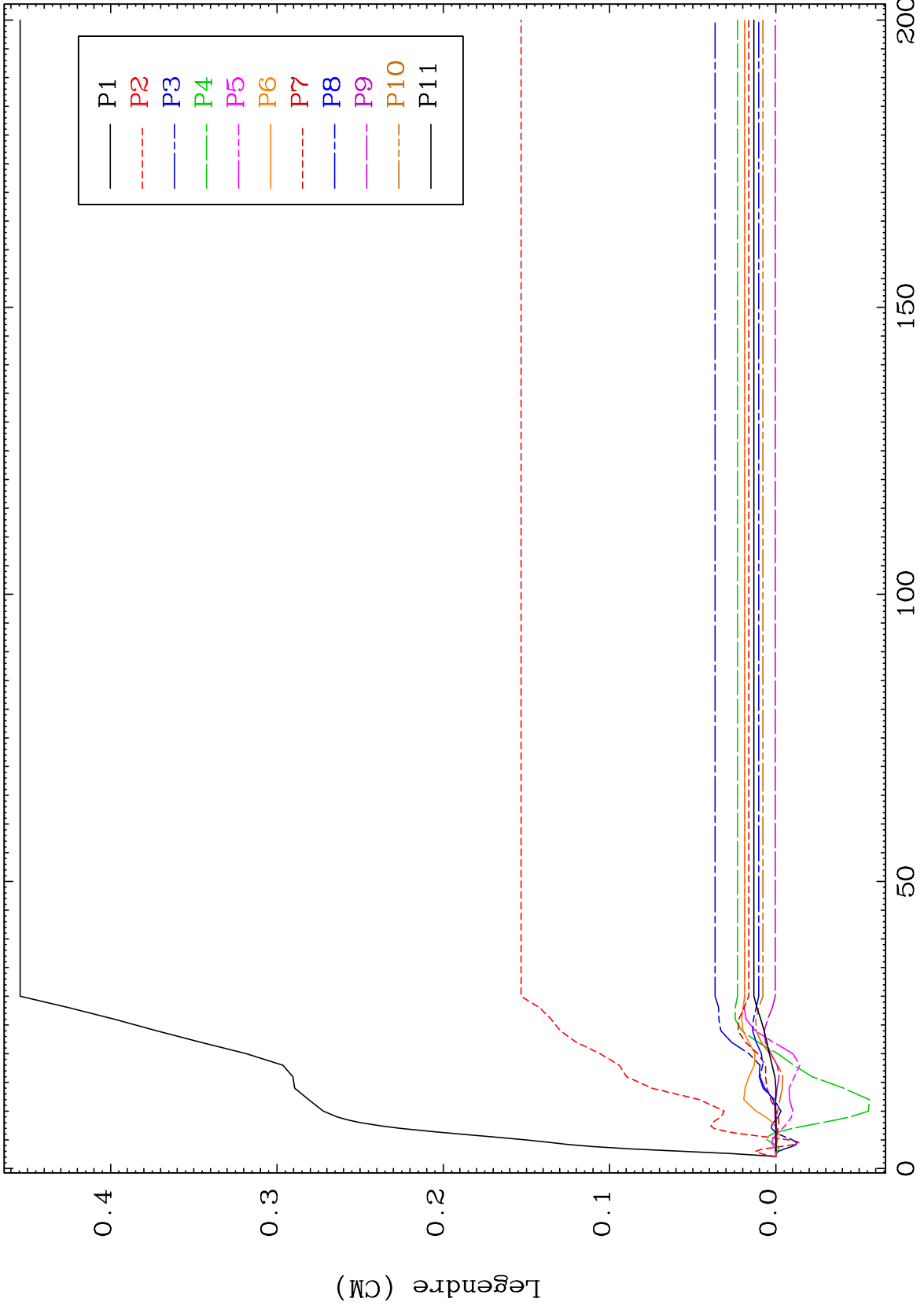


110

Incident Energy (MeV)

29-Cu-74

MAT 2958 MT= 80 (n,n') Level Legendre Coefficients 29-Cu-74

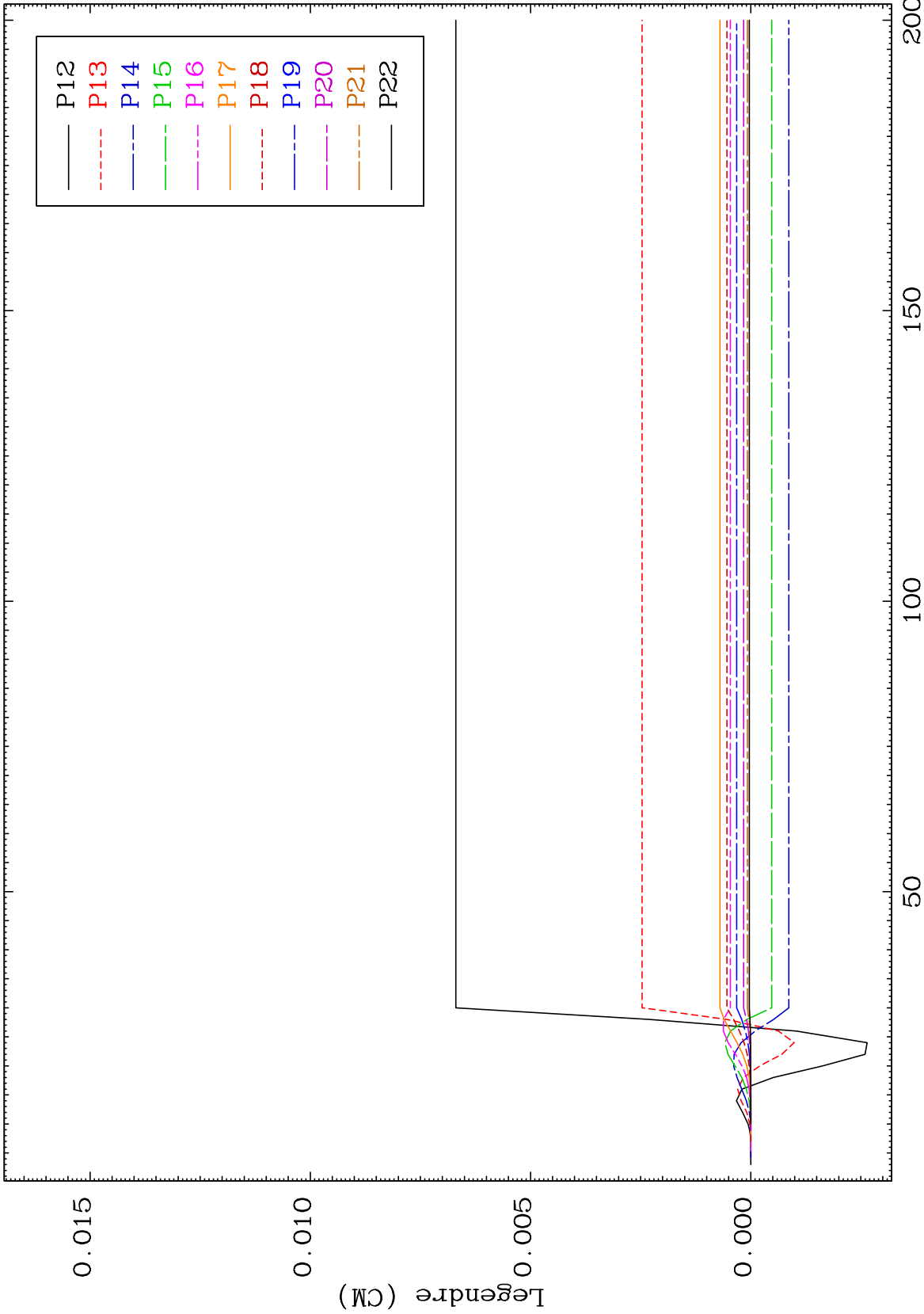


111 29-Cu-74

MAT 2958

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

29-Cu-74

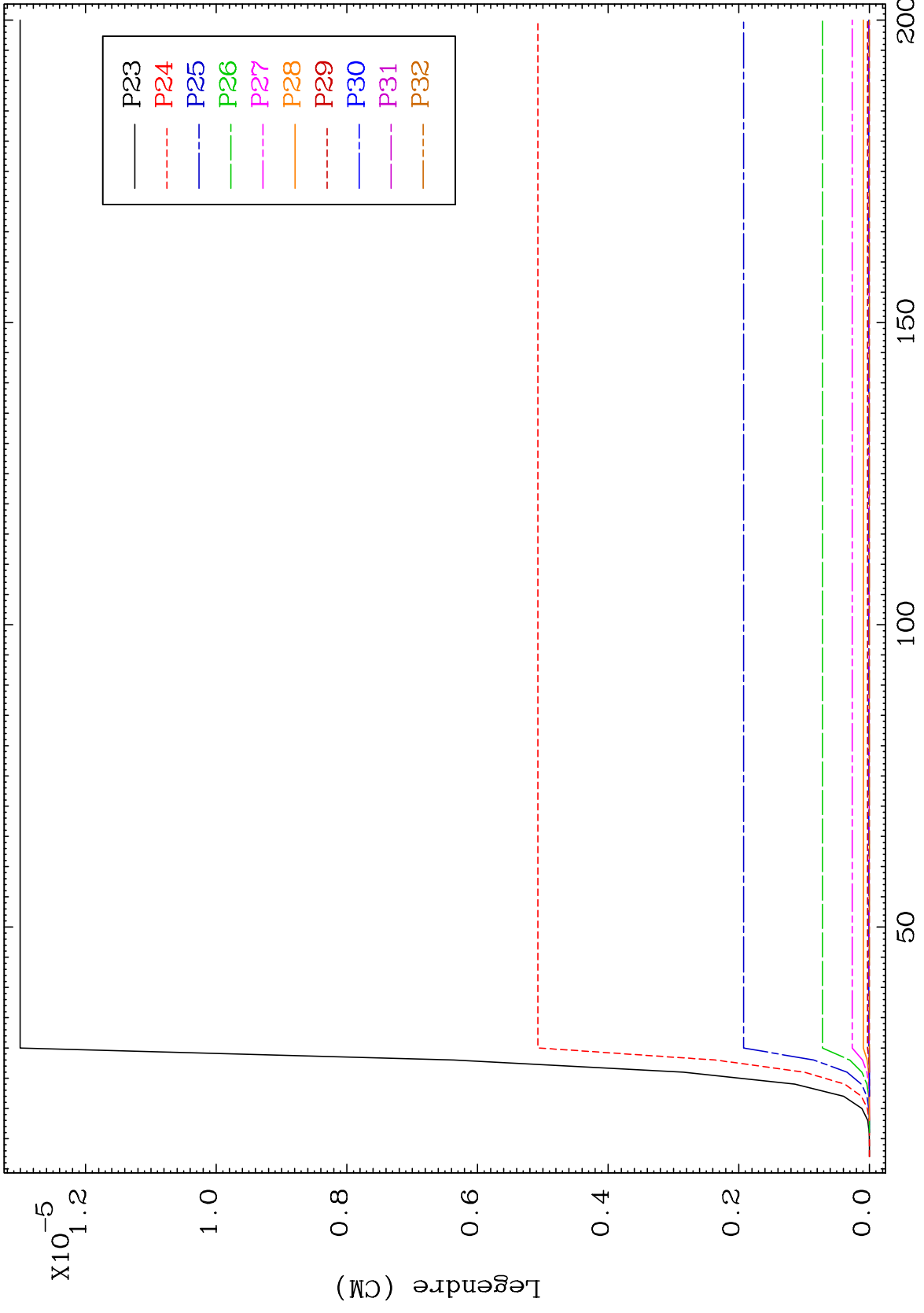


112

Incident Energy (MeV)

29-Cu-74

MAT 2958 MT= 80 (n,n') Level Legendre Coefficients 29-Cu-74



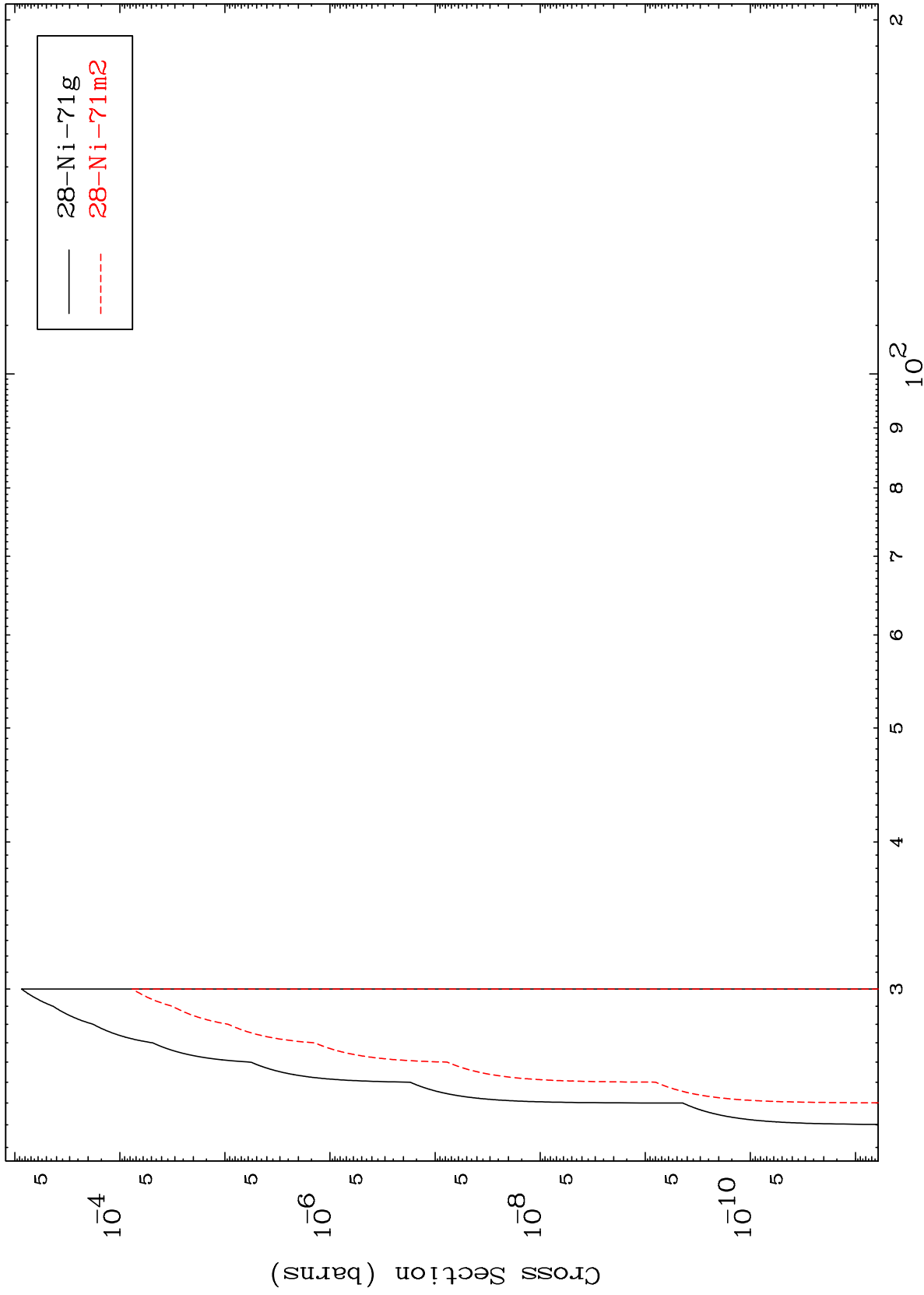
113 29-Cu-74

MAT 2958

(n,2n) d

29-Cu-74

Radionuclide Production Cross Section



114

Incident Energy (MeV)

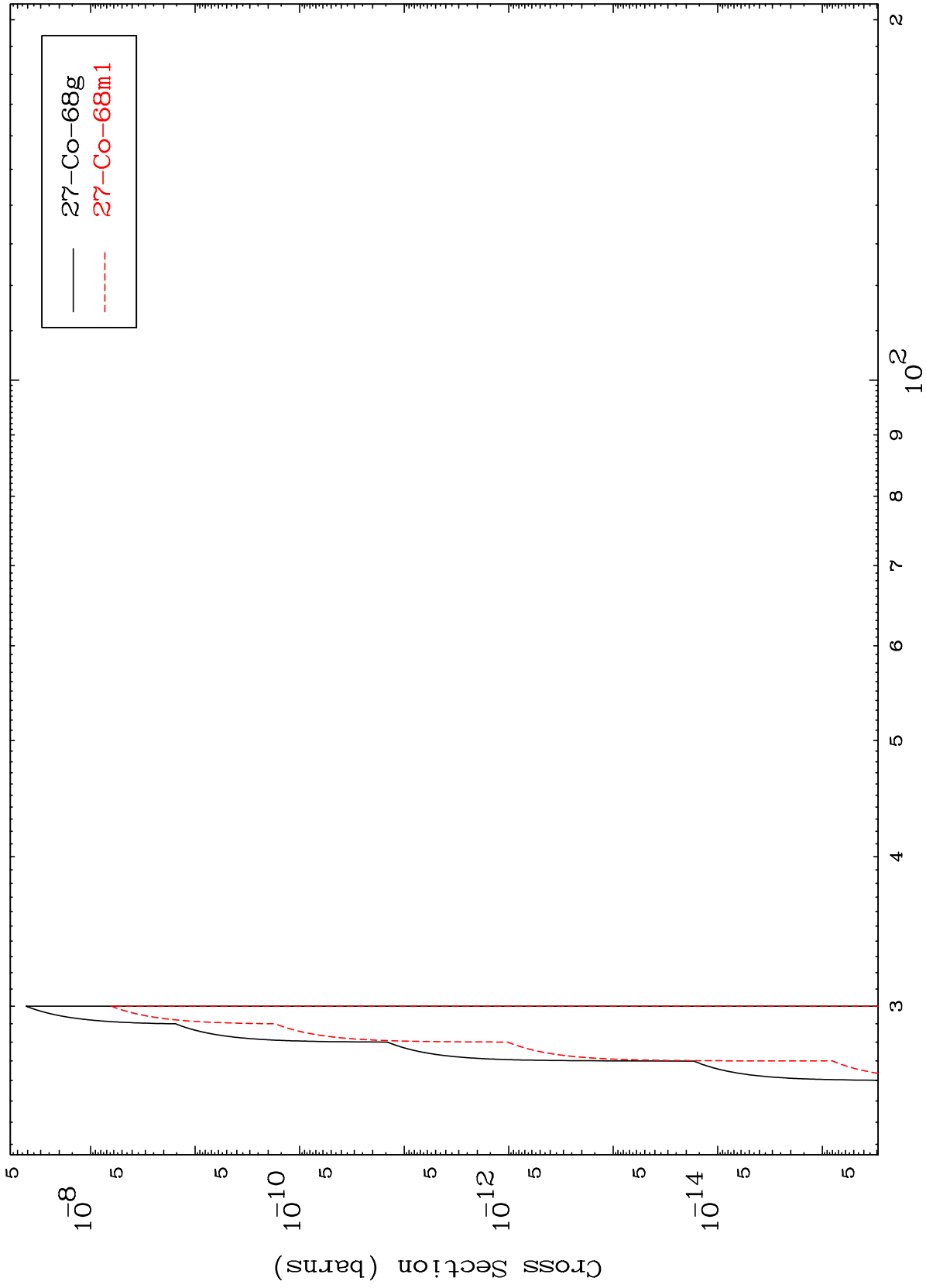
29-Cu-74

MAT 2958

(n,3n) α

²⁹Cu-74

Radionuclide Production Cross Section



115

Incident Energy (MeV)

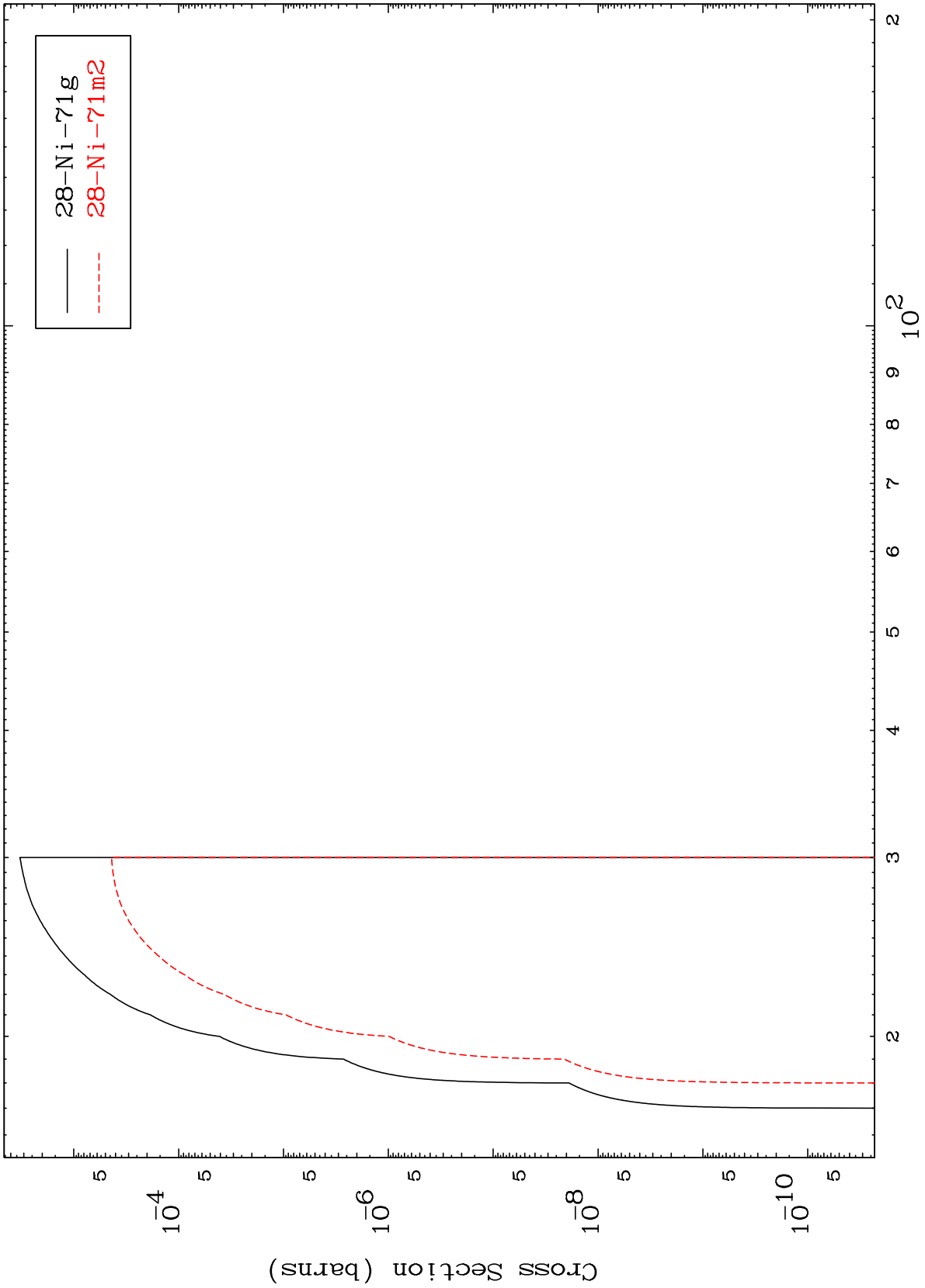
²⁹Cu-74

MAT 2958

(n,n') t

29-Cu-74

Radionuclide Production Cross Section



— 28-Ni-71g
- - - 28-Ni-71m2

116

Incident Energy (MeV)

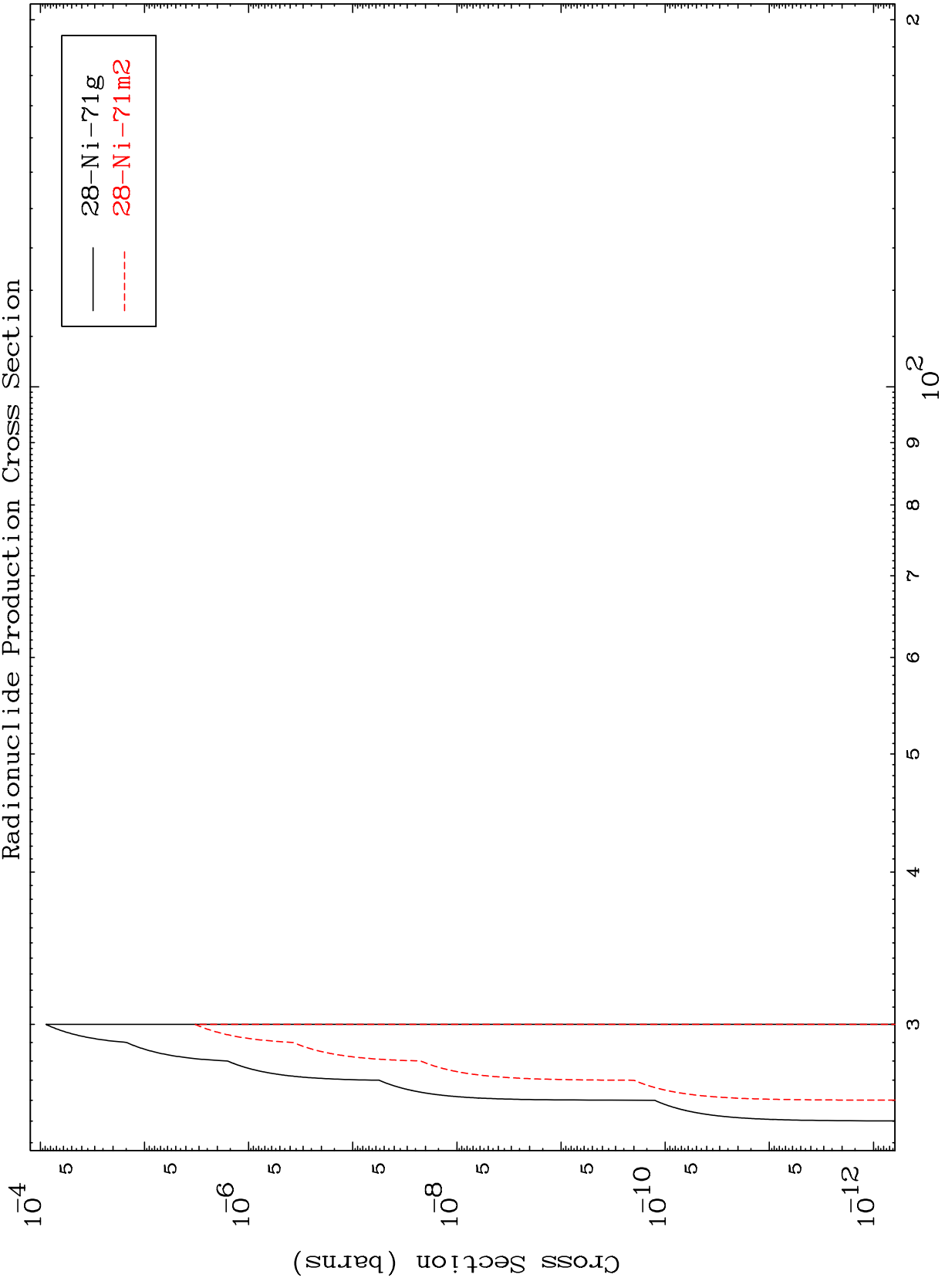
29-Cu-74

MAT 2958

(n,3n) p

²⁹Cu-74

Radionuclide Production Cross Section



117

Incident Energy (MeV)

²⁹Cu-74