

Program EVALPLOT
(Version 2018-1)

by

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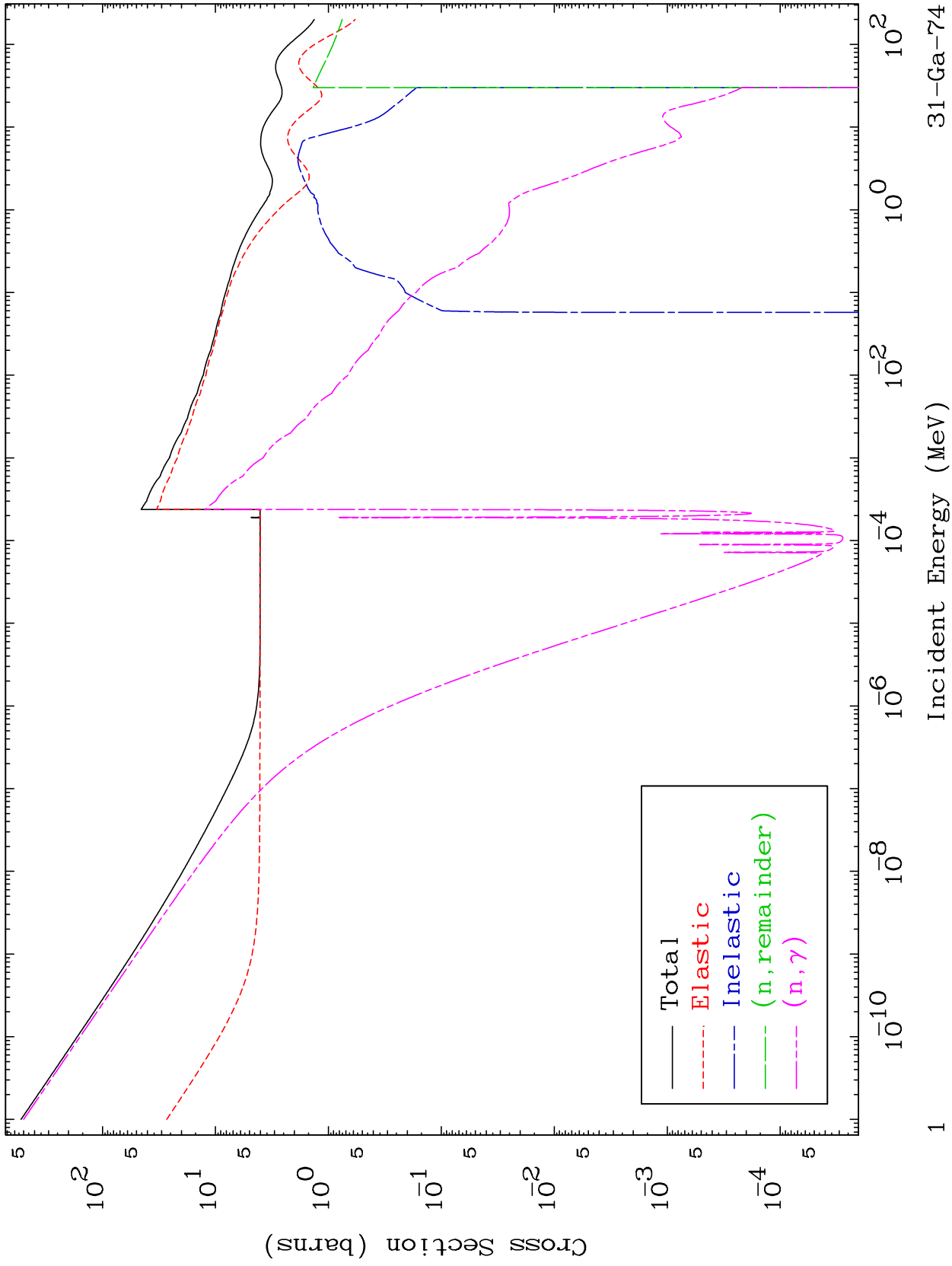
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3140

Major
293 Kelvin Cross Sections

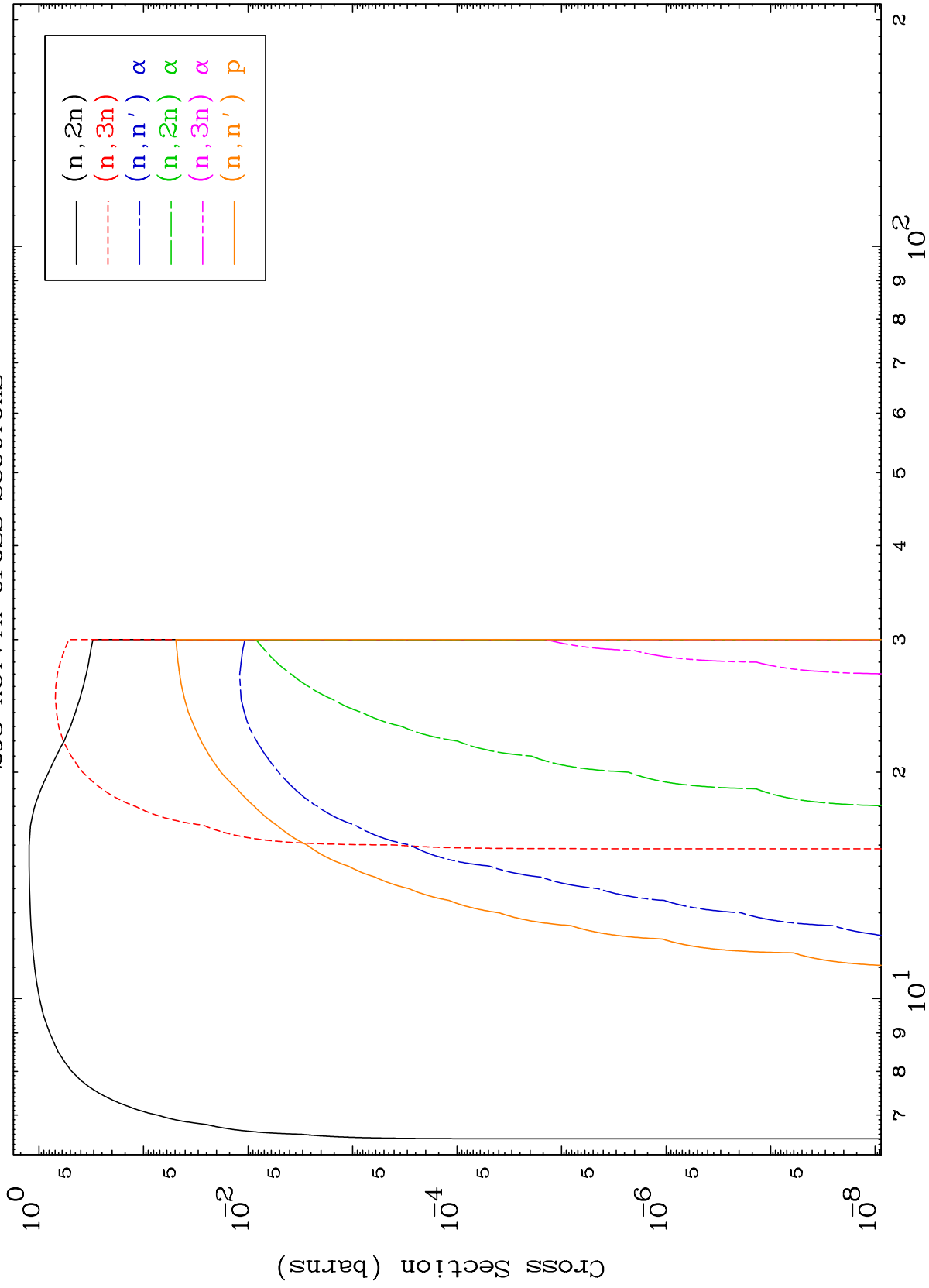
31-Ga-74



MAT 3140

Neutron Production
293 Kelvin Cross Sections

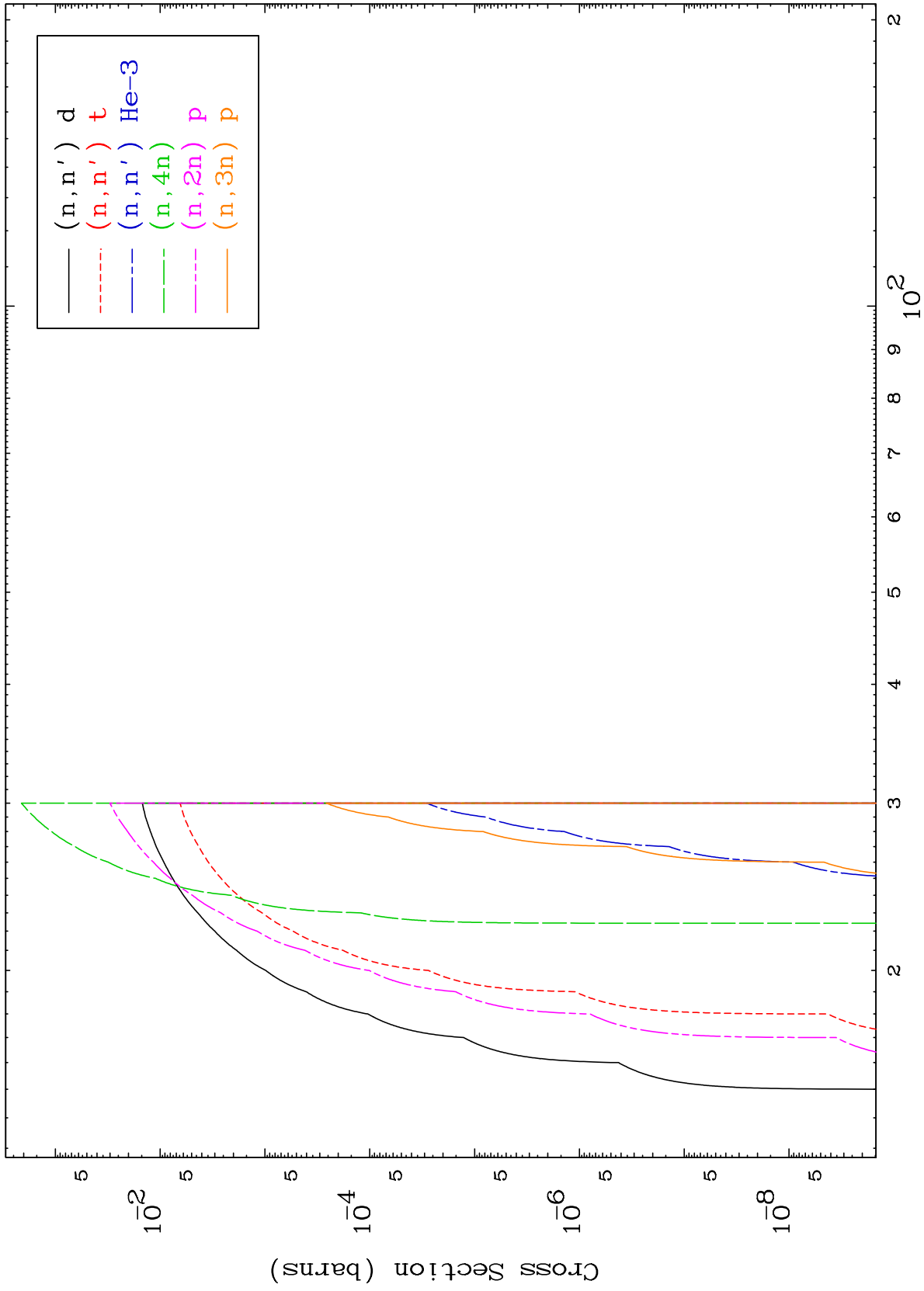
31-Ga-74

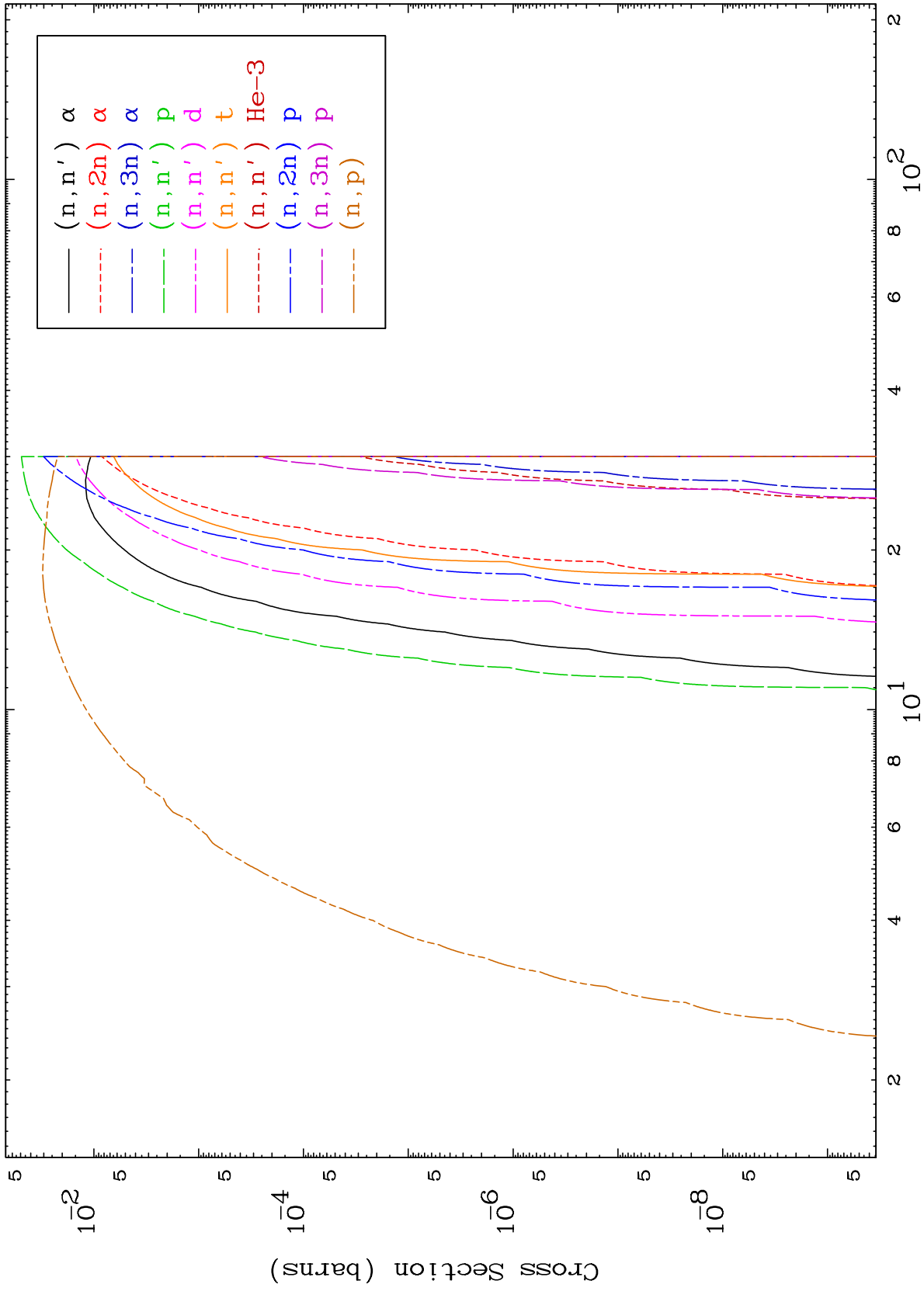


2

Incident Energy (MeV)

31-Ga-74

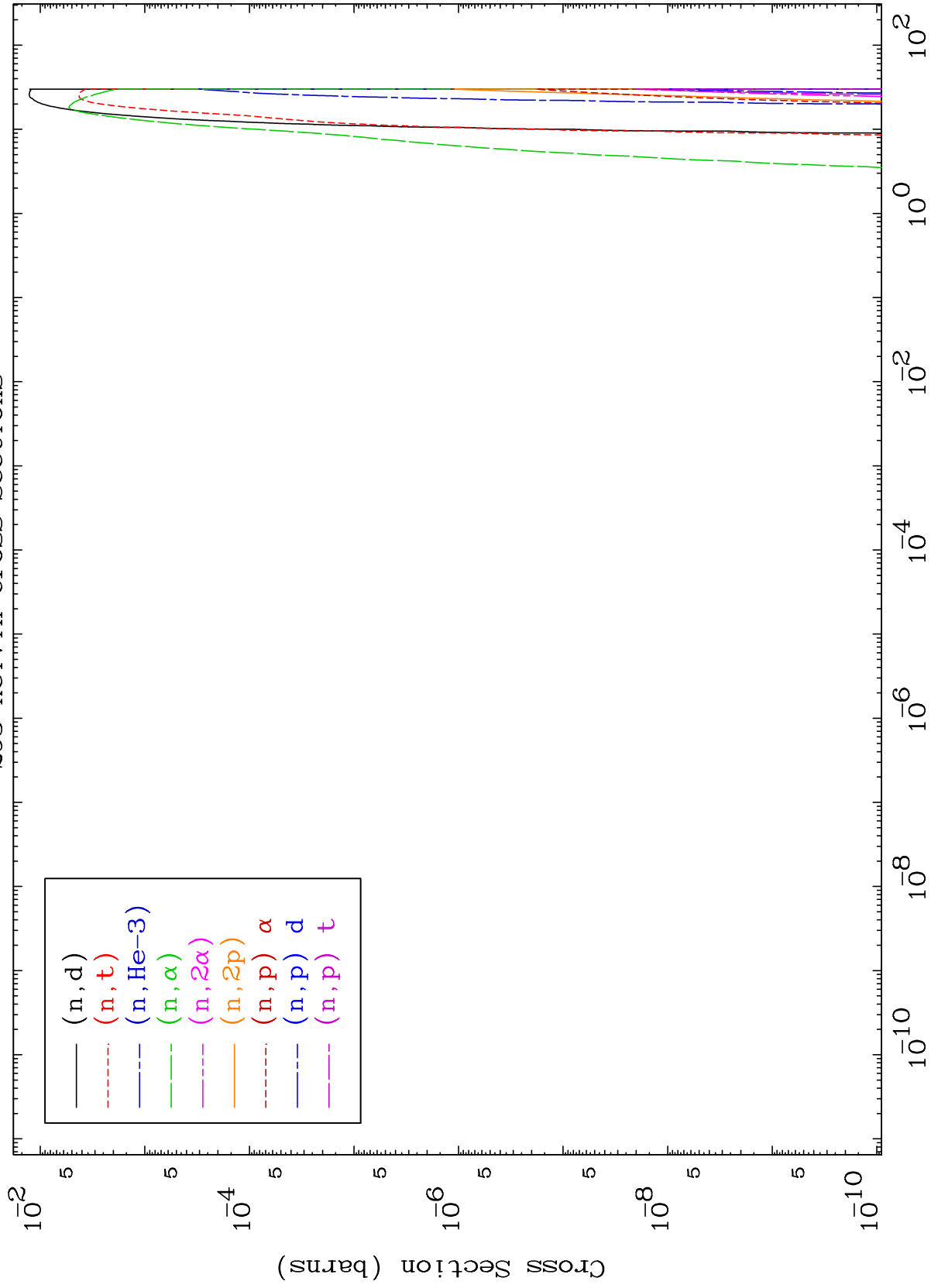




MAT 3140

293 Charged Particle
Kelvin Cross Sections

31-Ga-74



5

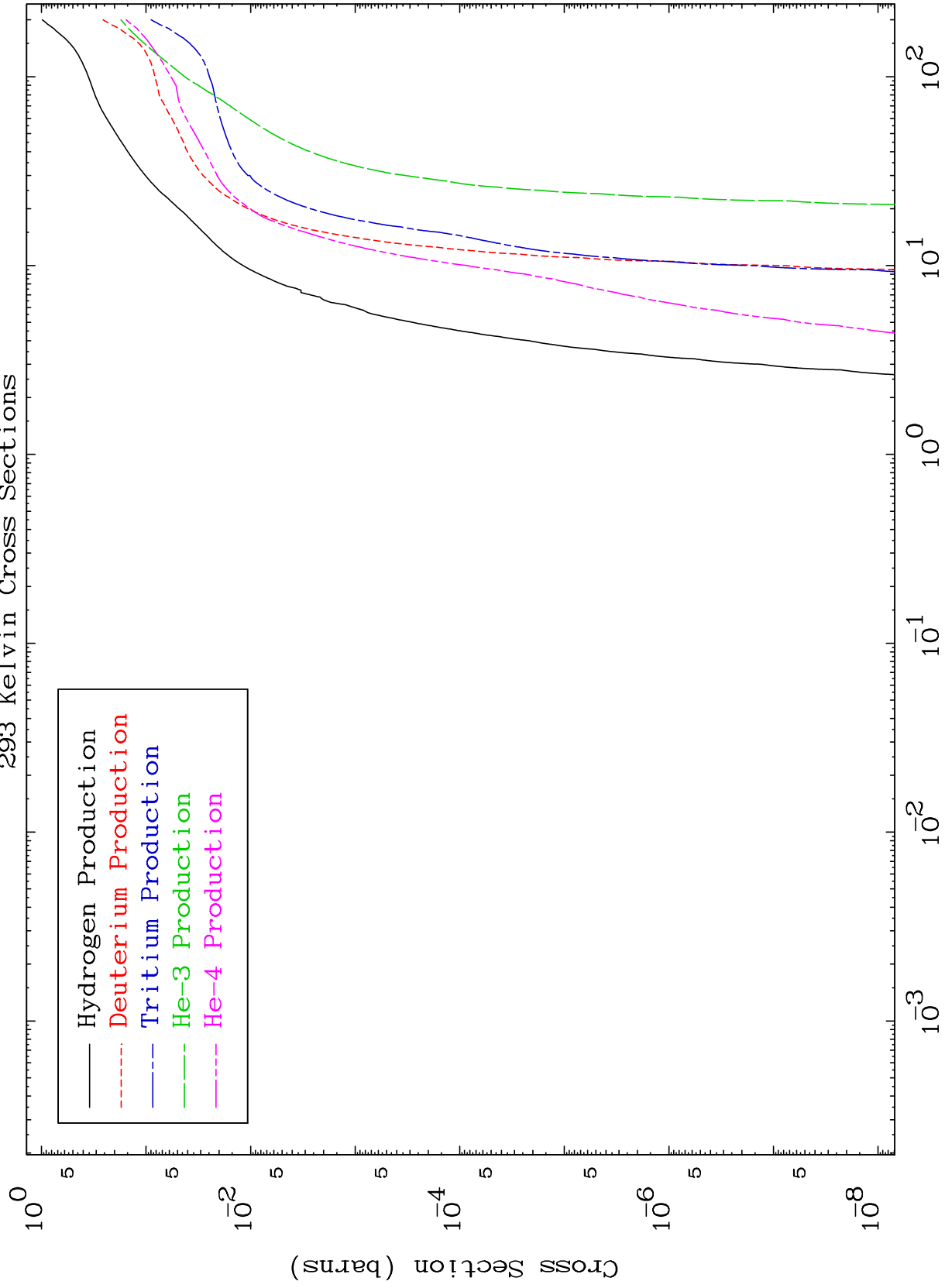
Incident Energy (MeV)

31-Ga-74

MAT 3140

Particle Production
293 Kelvin Cross Sections

31-Ga-74



6

Incident Energy (MeV)

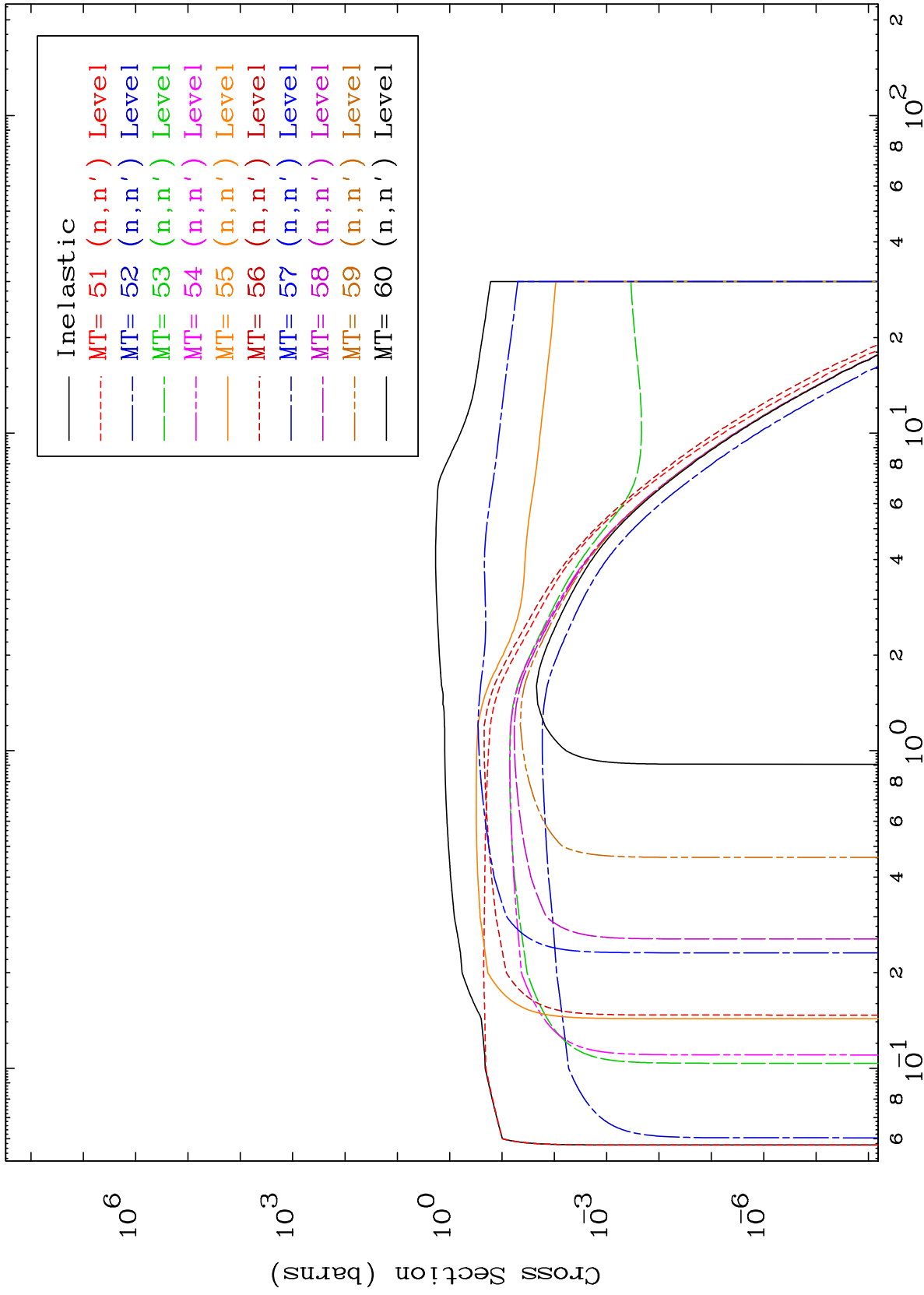
31-Ga-74

MAT 3140

(n,n') Level

31-Ga-74

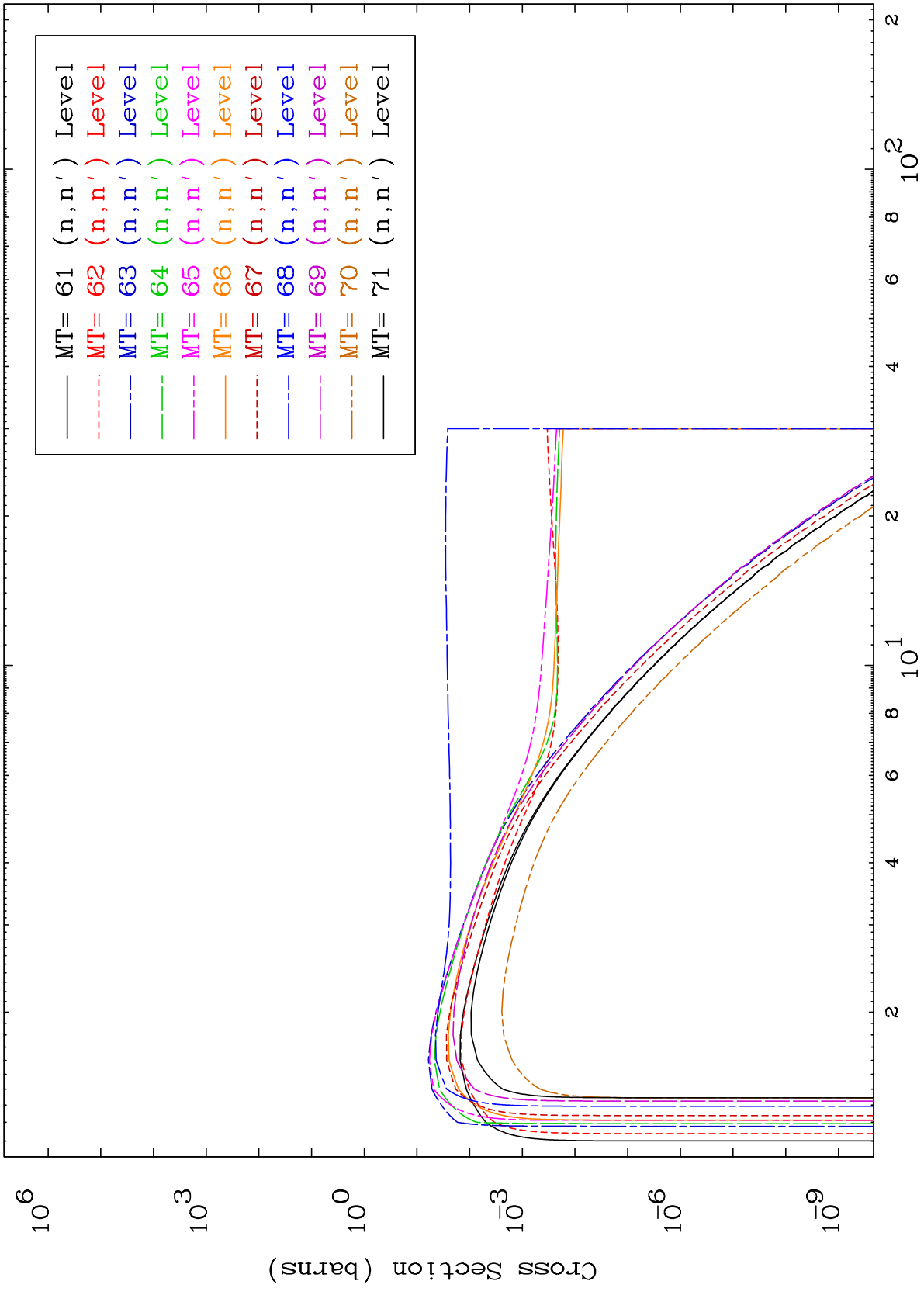
293 Kelvin Cross Sections

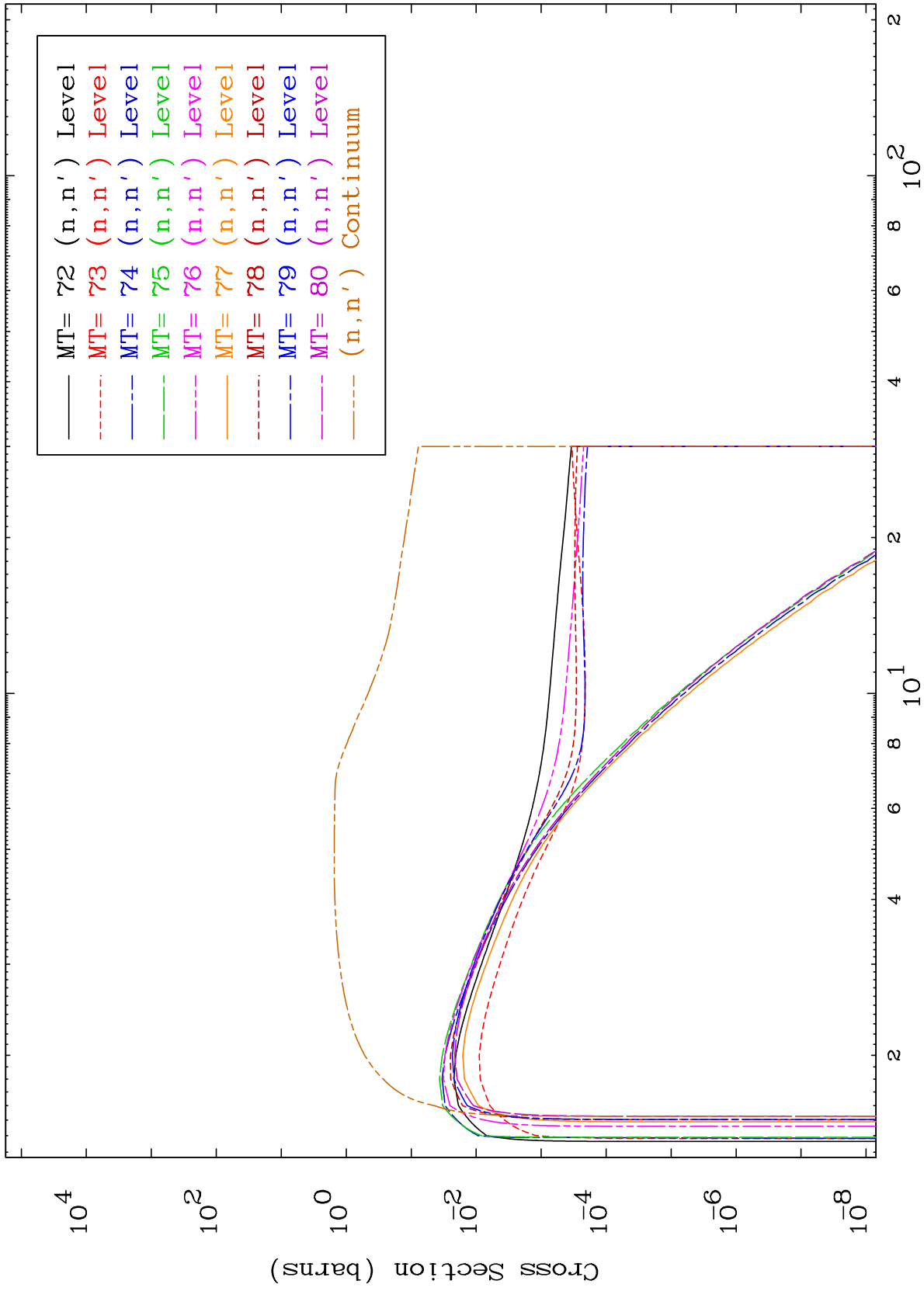


7

Incident Energy (MeV)

31-Ga-74

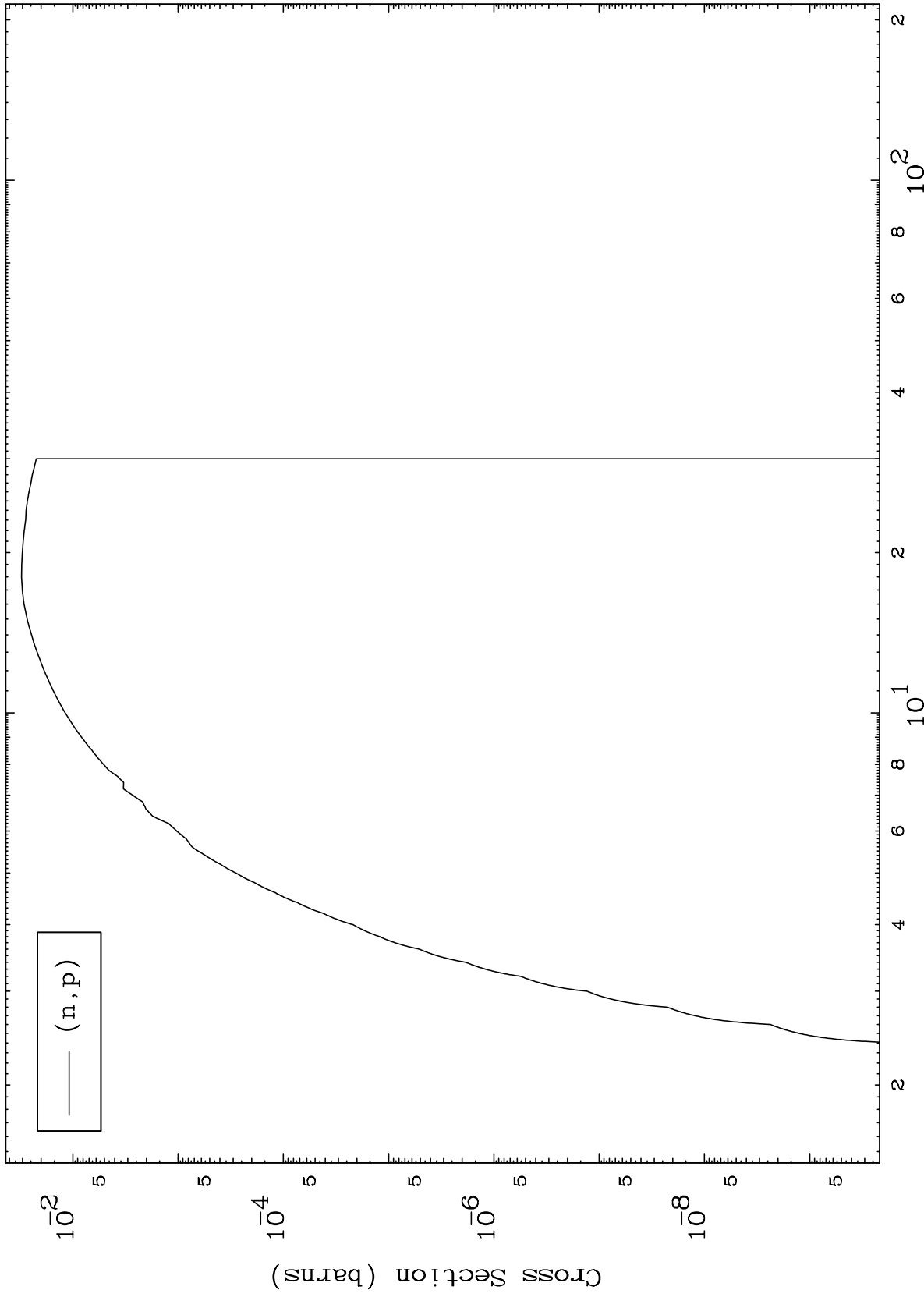




MAT 3140

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-74



10

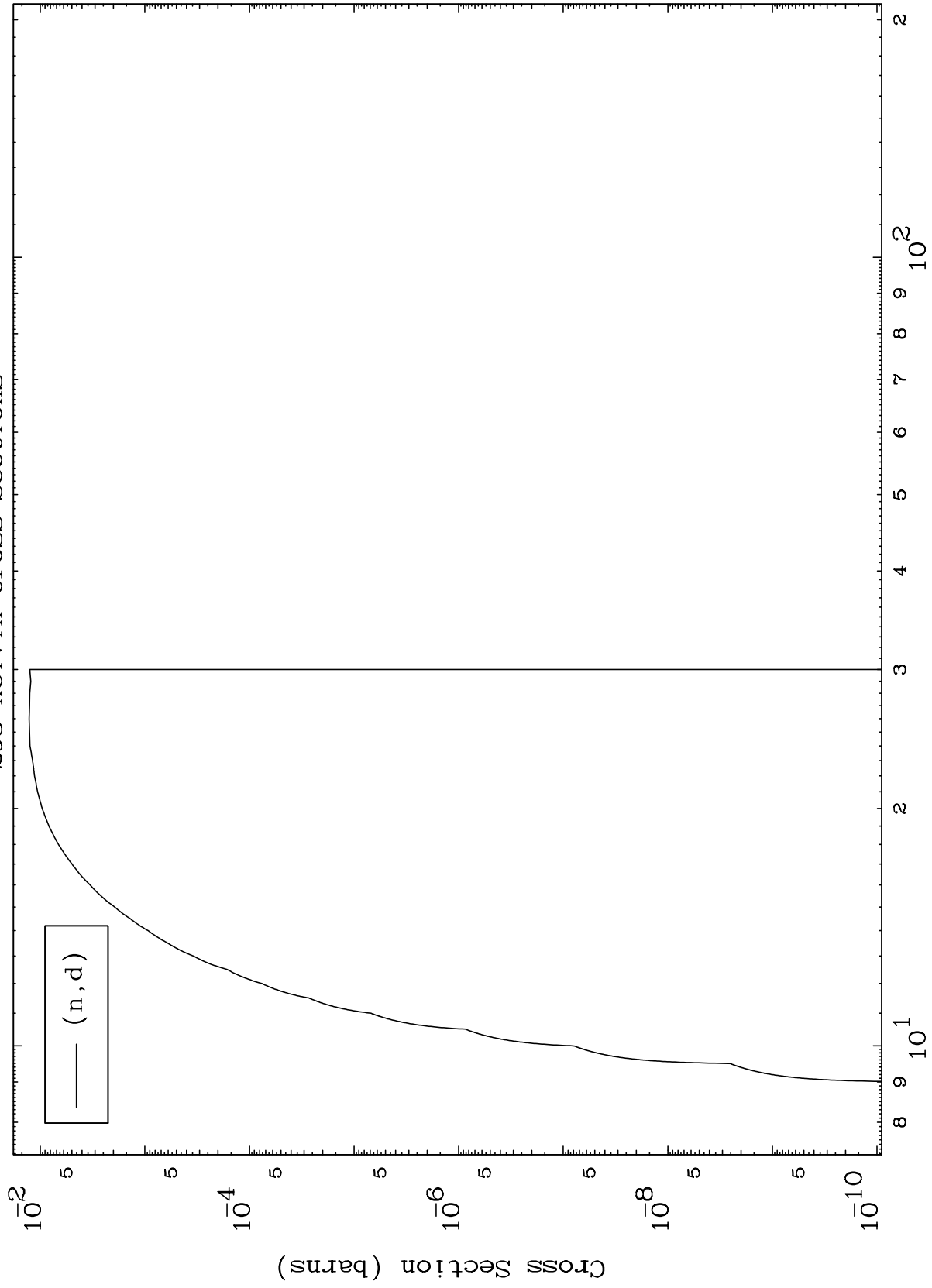
Incident Energy (MeV)

31-Ga-74

MAT 3140

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-74



11

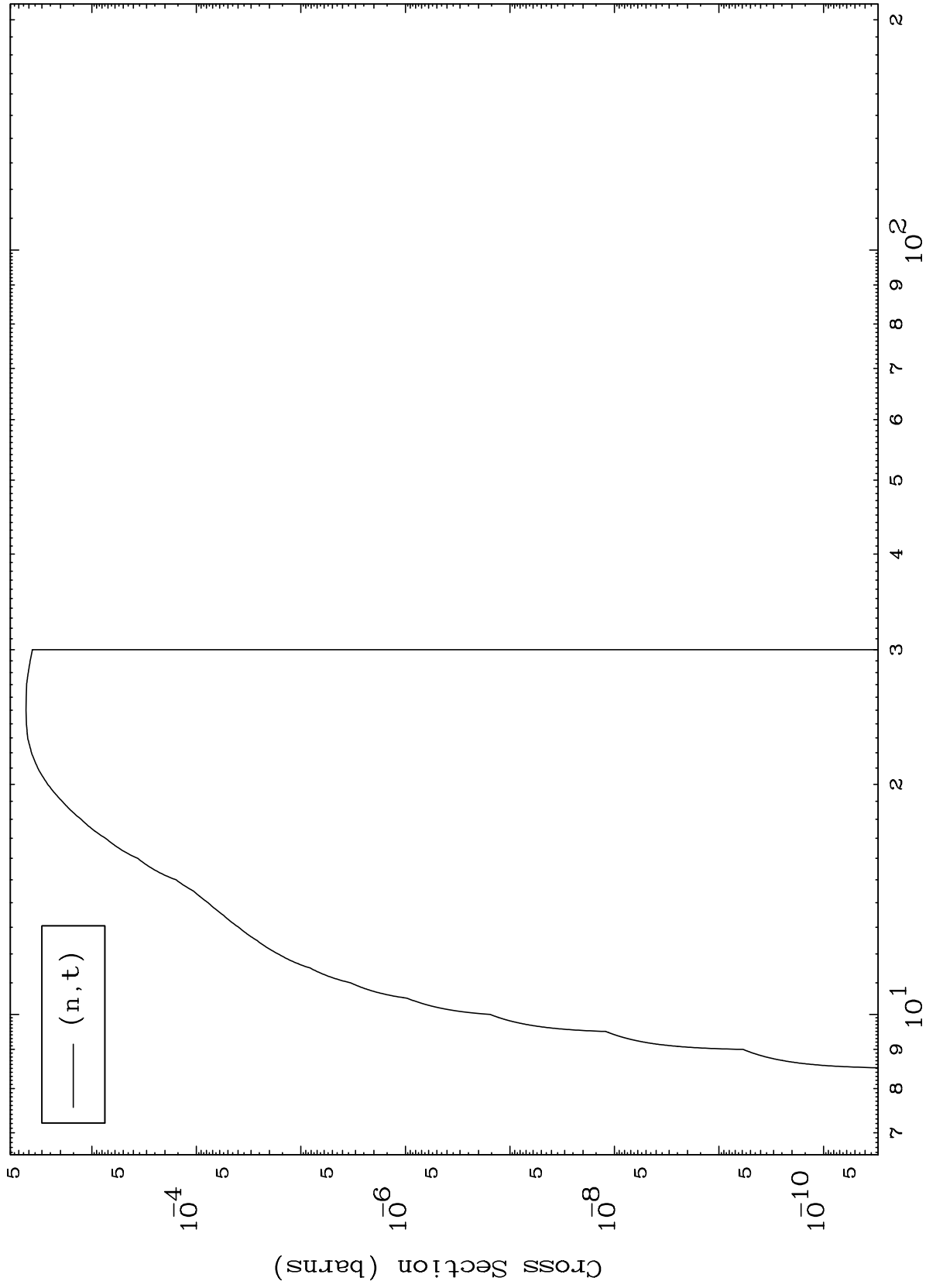
Incident Energy (MeV)

31-Ga-74

MAT 3140

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-74



12

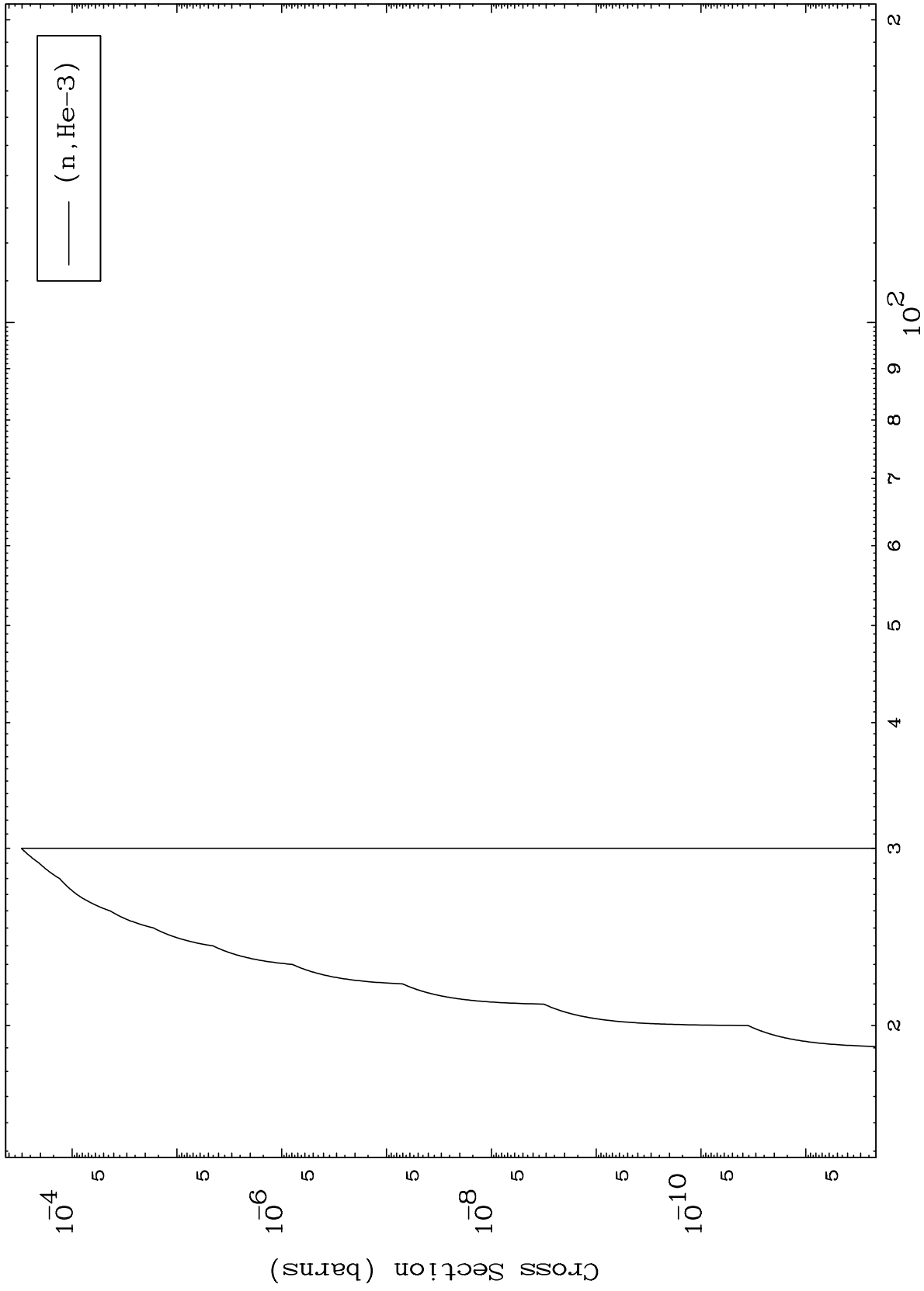
Incident Energy (MeV)

31-Ga-74

MAT 3140

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-74



13

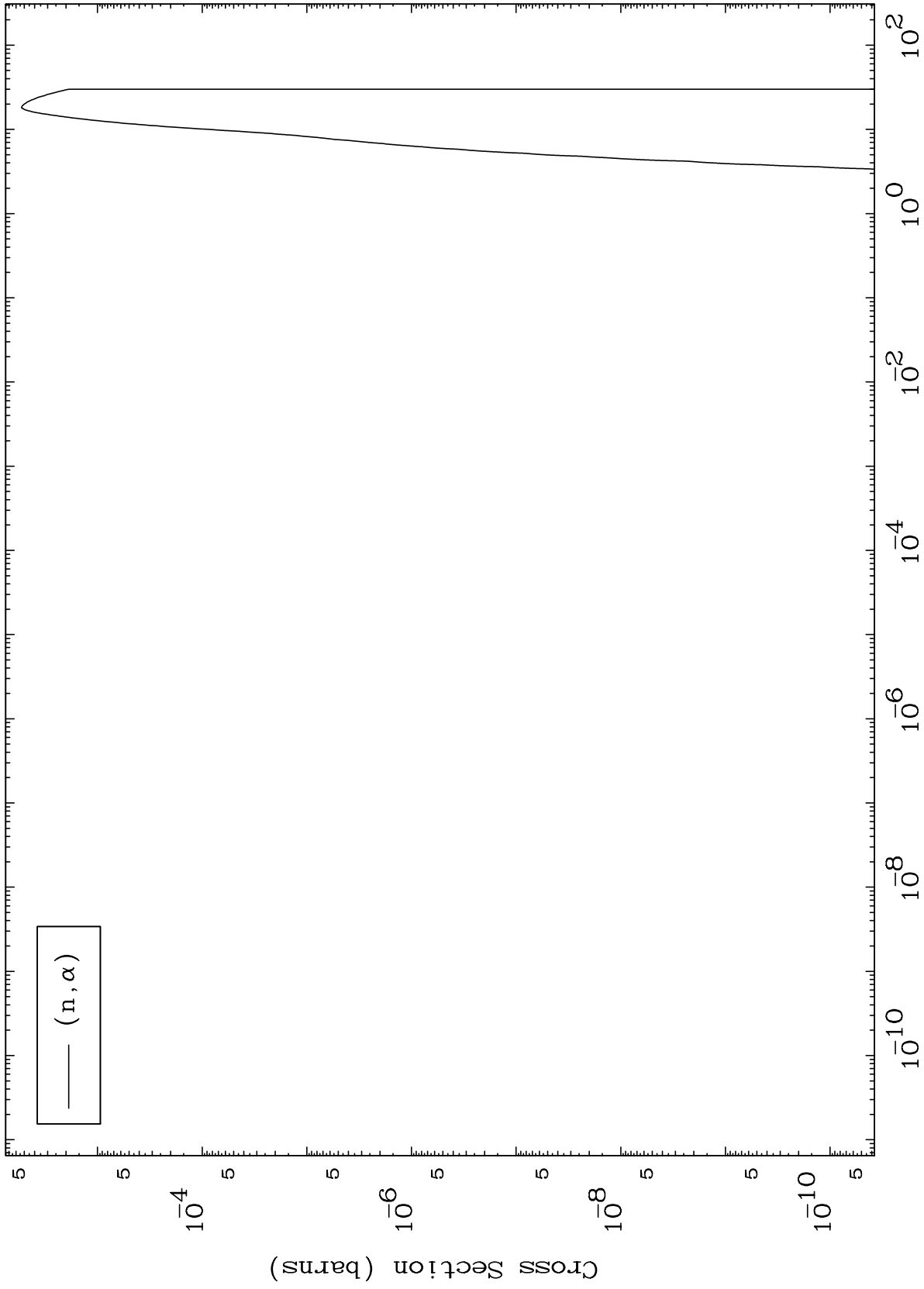
Incident Energy (MeV)

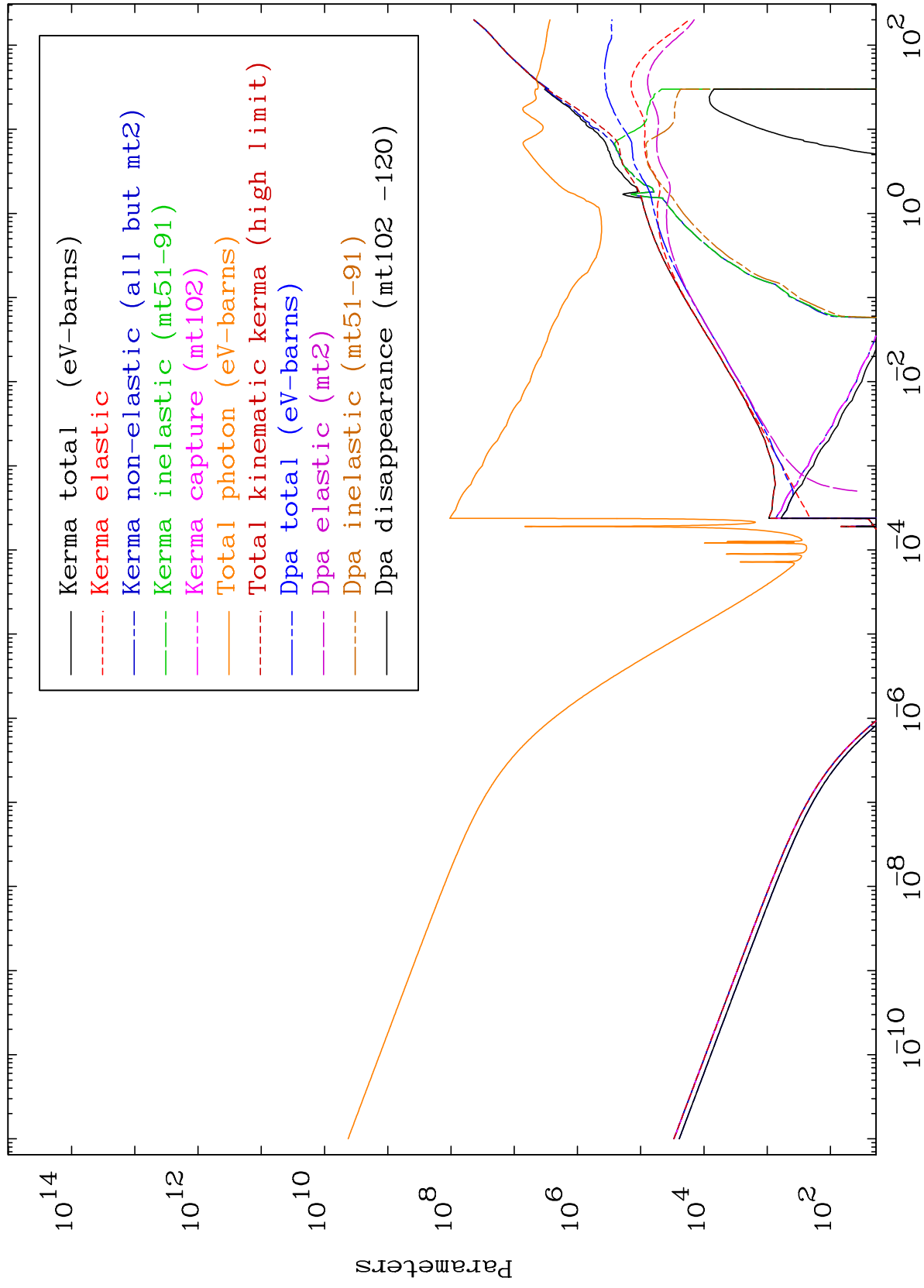
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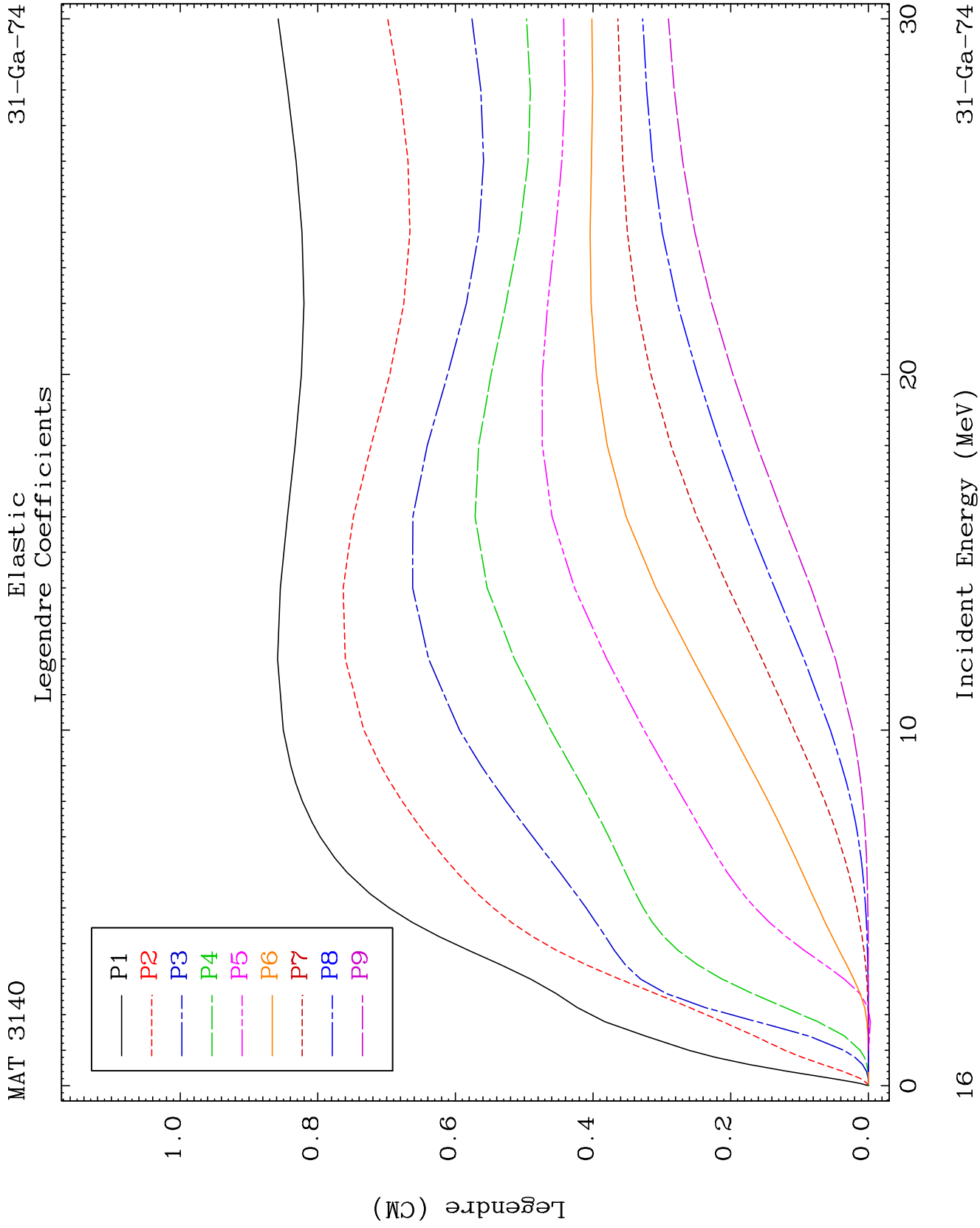
MAT 3140

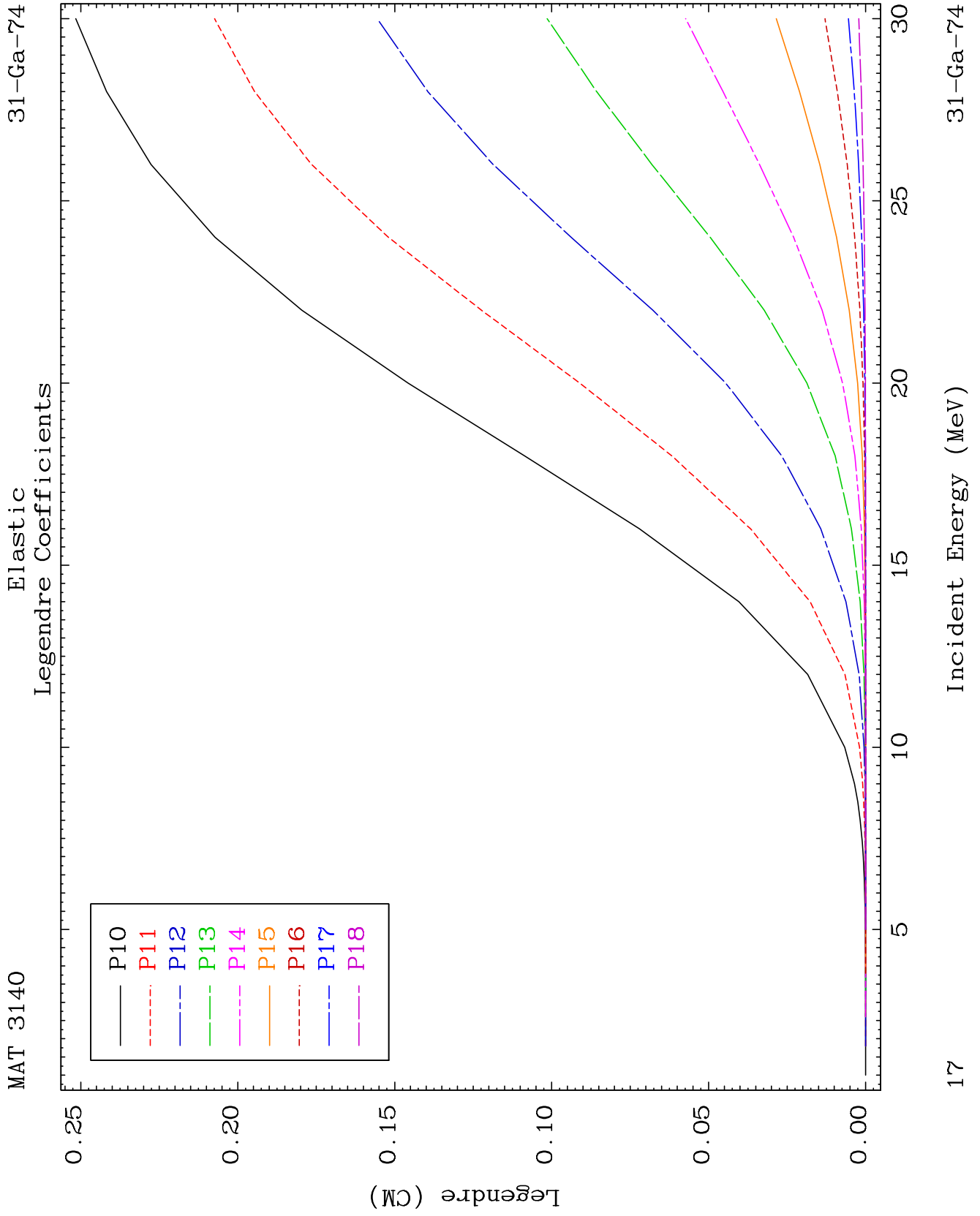
(n,α) Levels
293 Kelvin Cross Sections

31-Ga-74





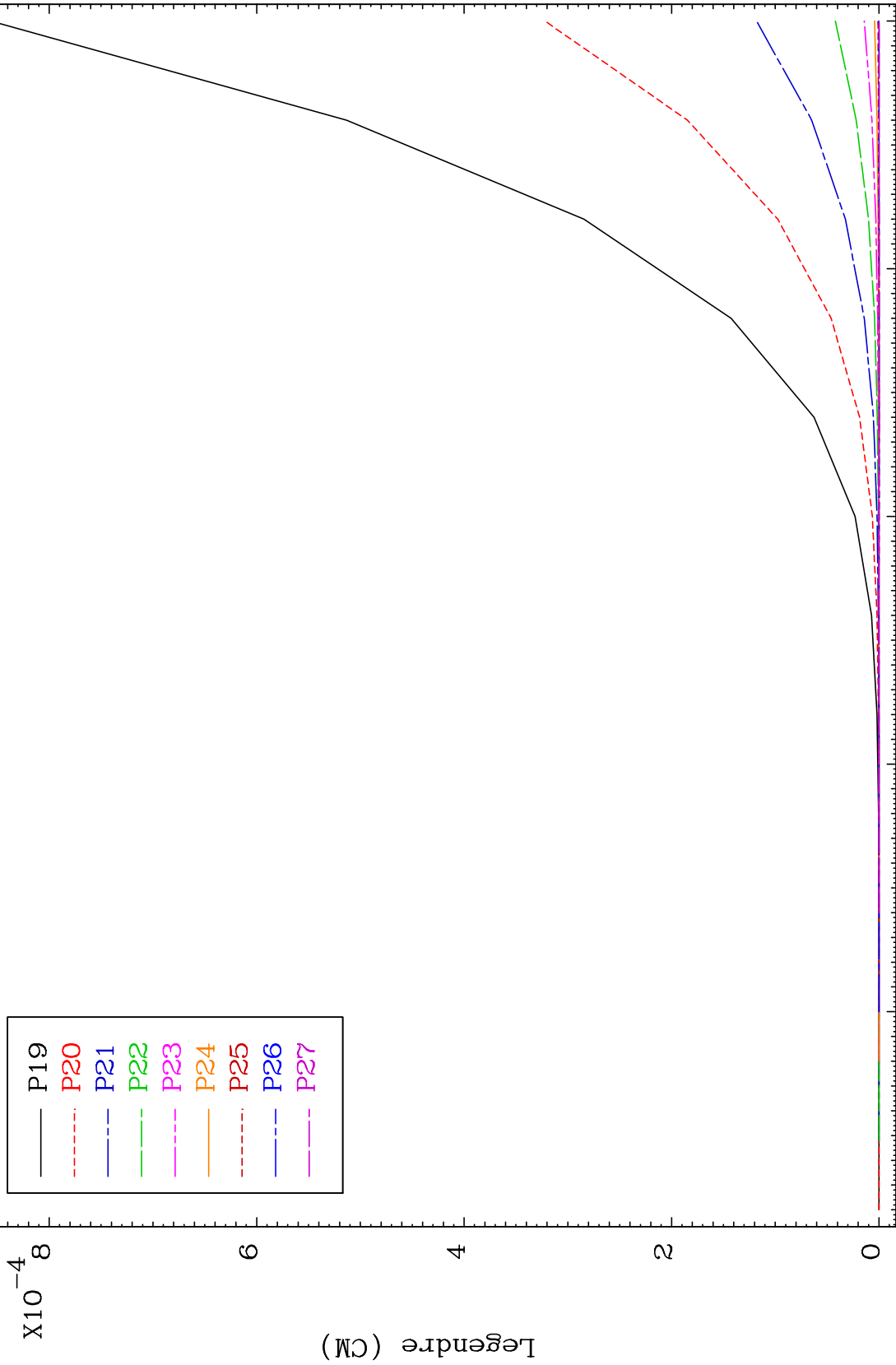
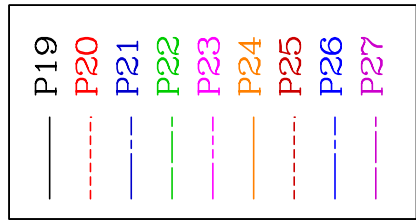




MAT 3140

Elastic Legendre Coefficients

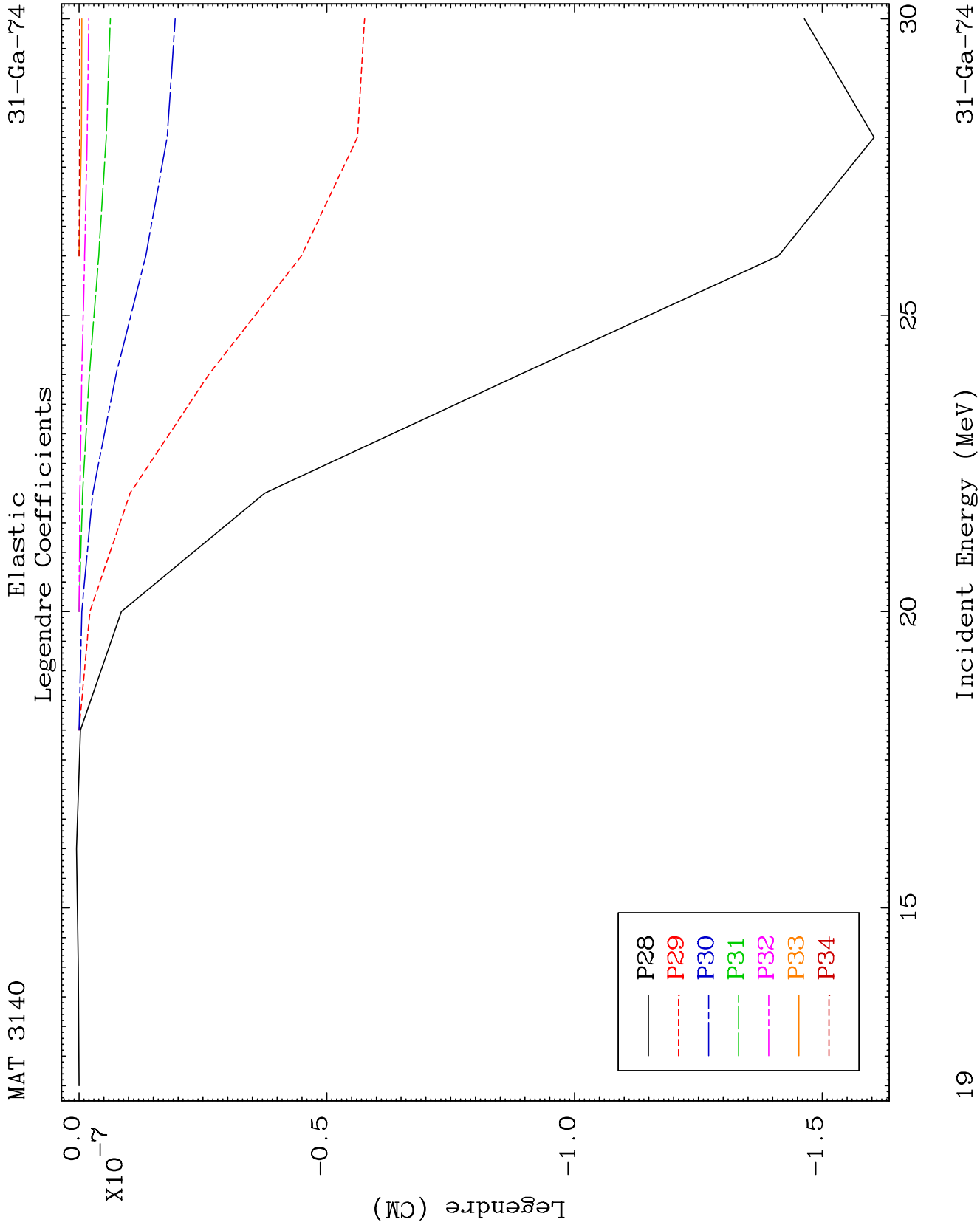
31-Ga-74

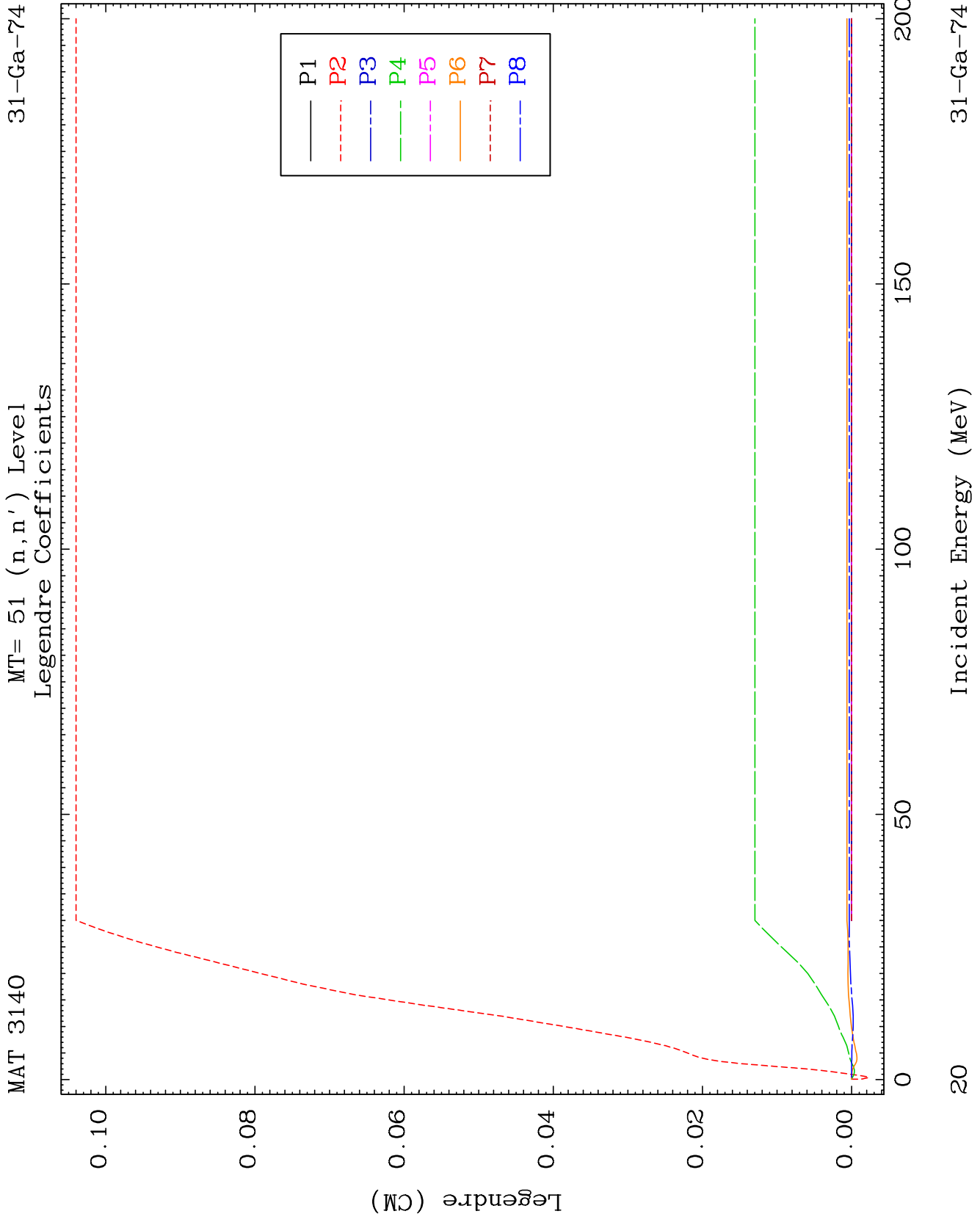


18

Incident Energy (MeV)

31-Ga-74

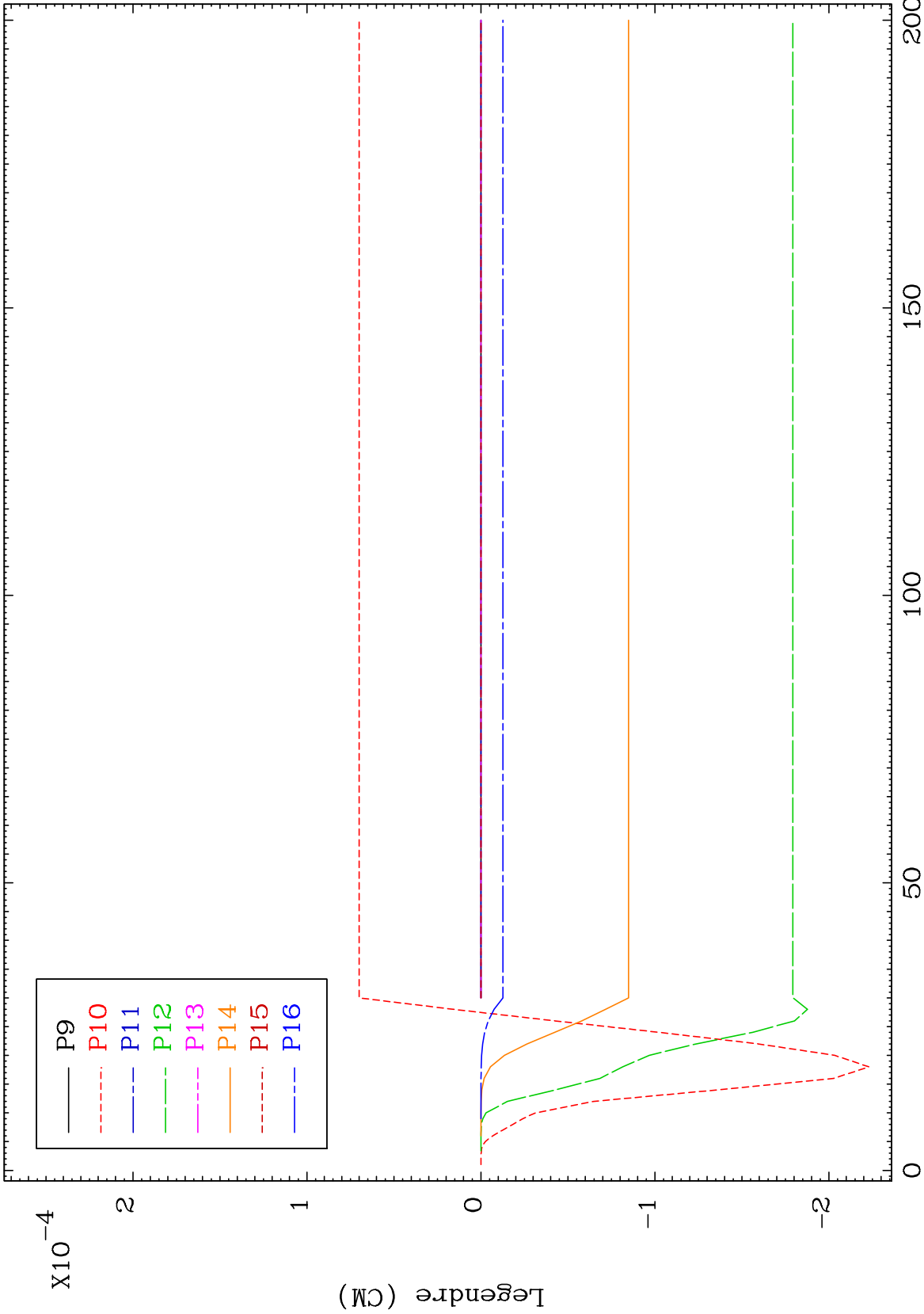




MAT 3140

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

31-Ga-74

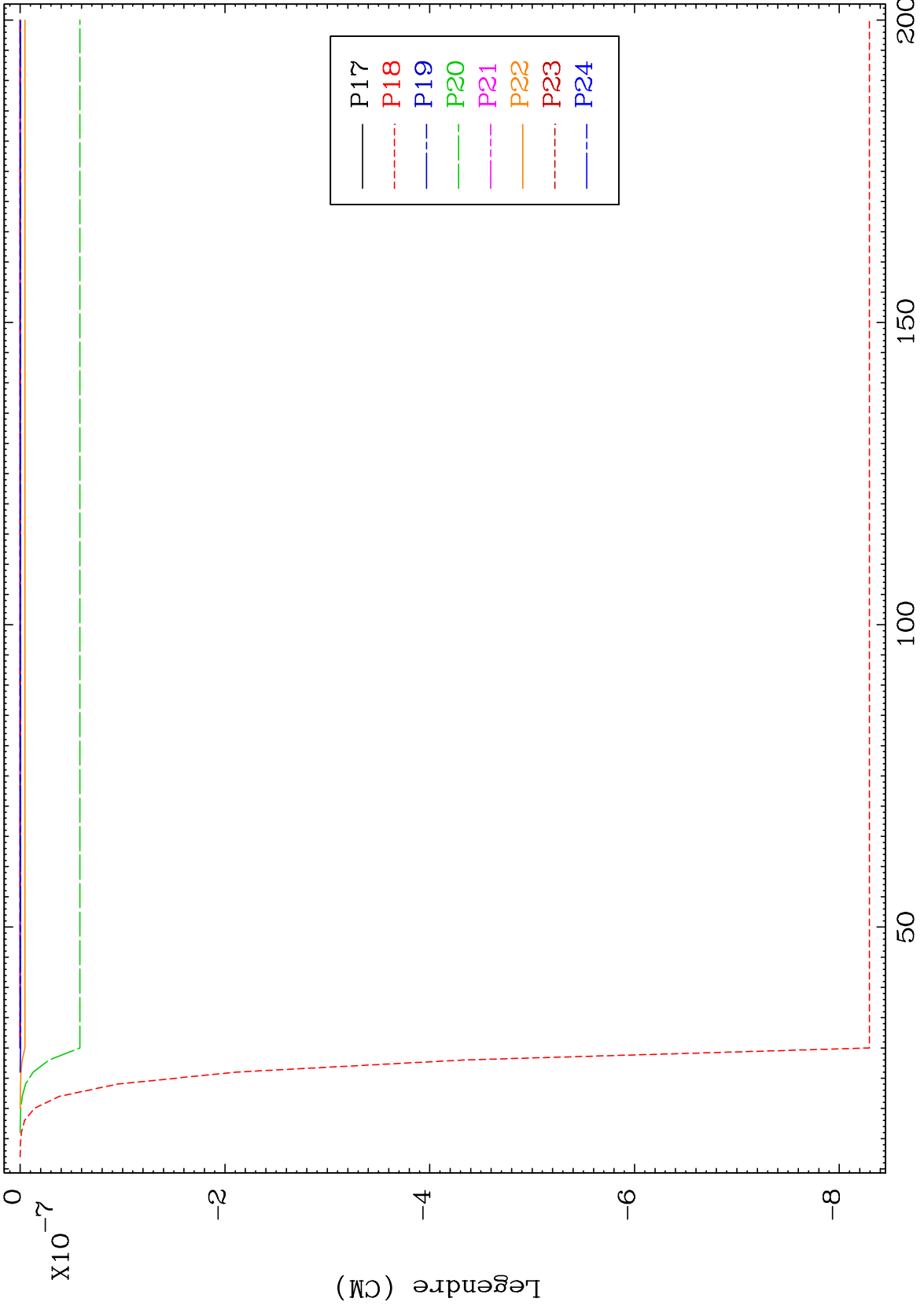


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Incident Energy (MeV)

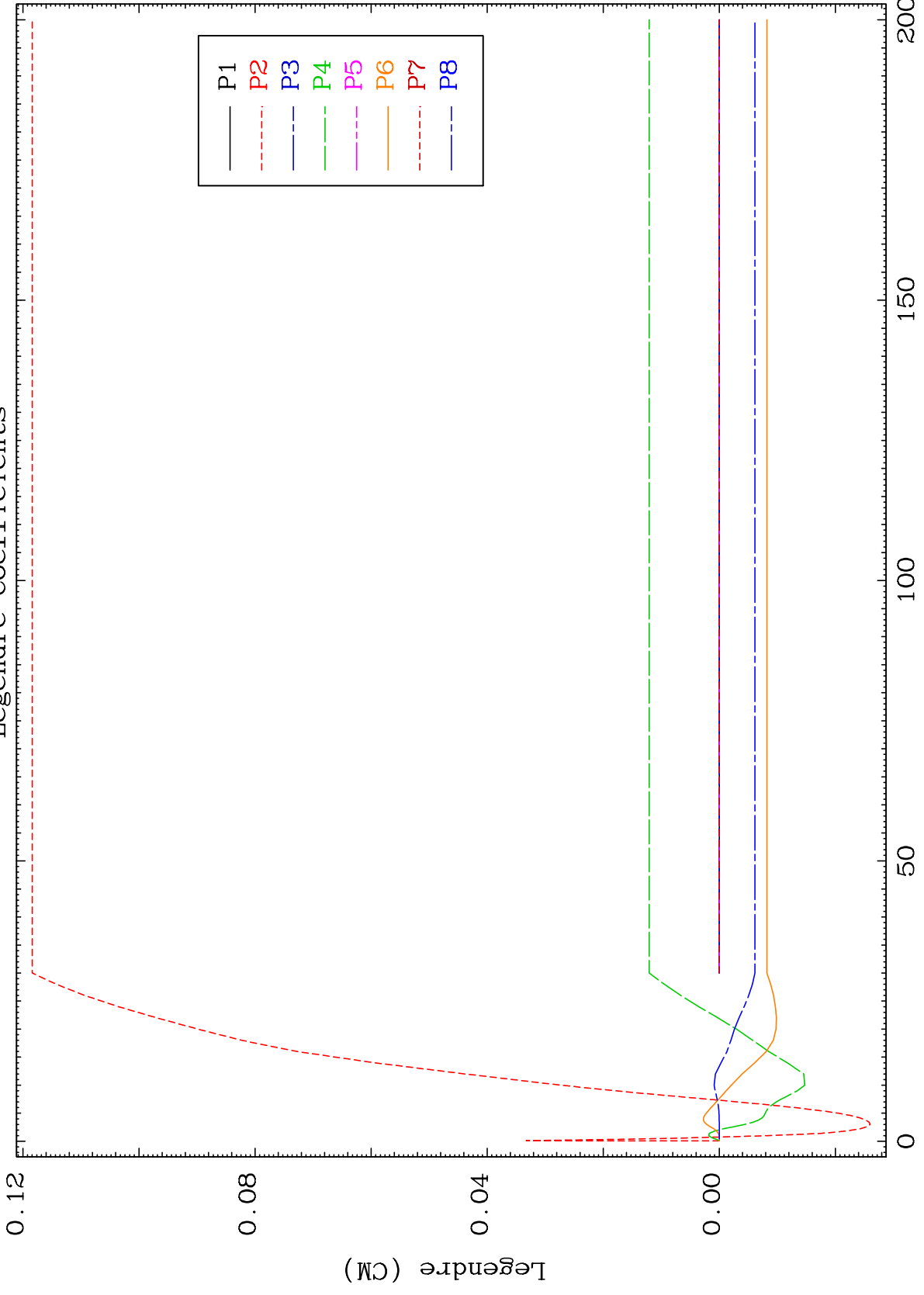
31-Ga-74

MAT 3140 MT= 51 (n,n') Level Legendre Coefficients 31-Ga-74

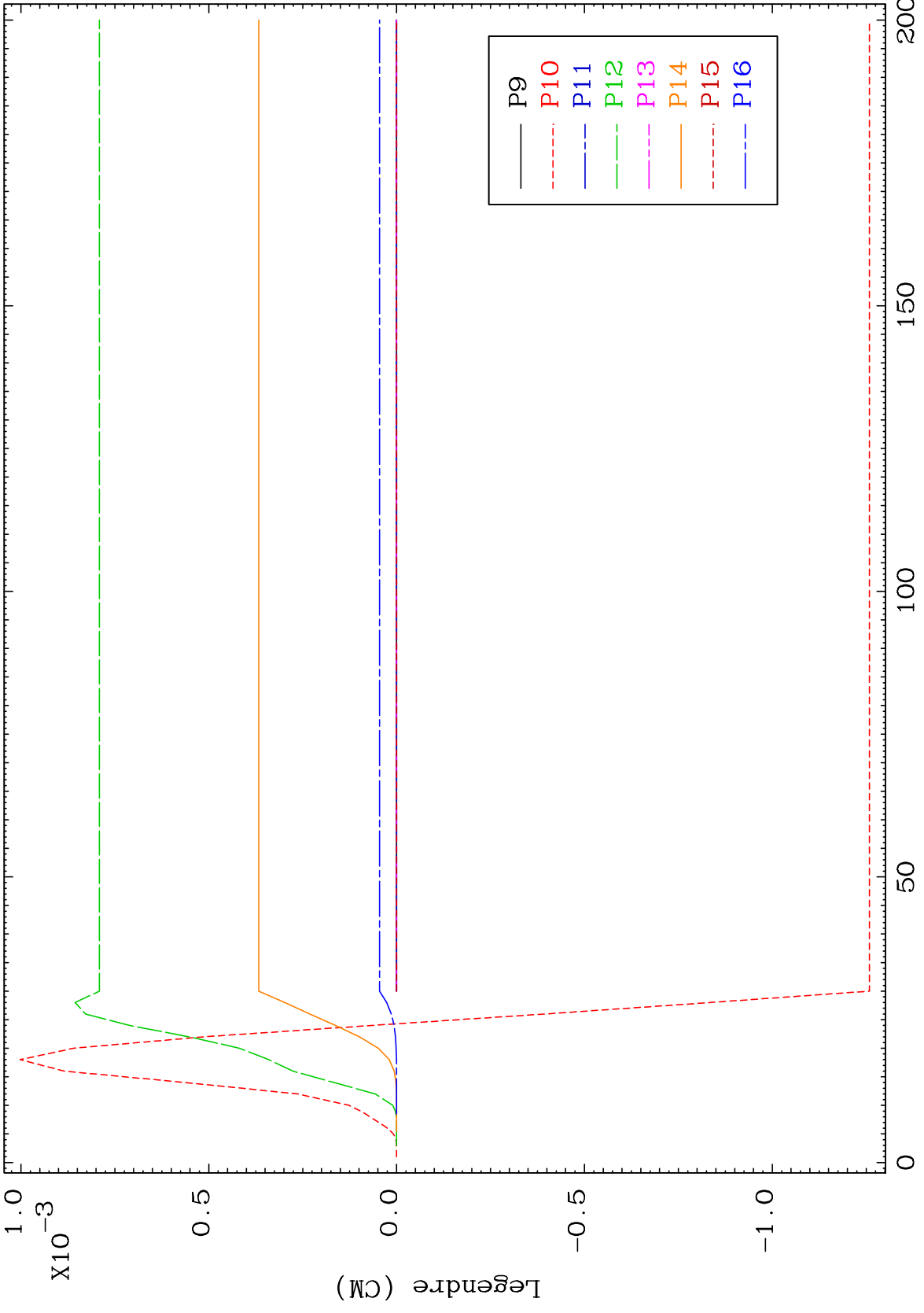


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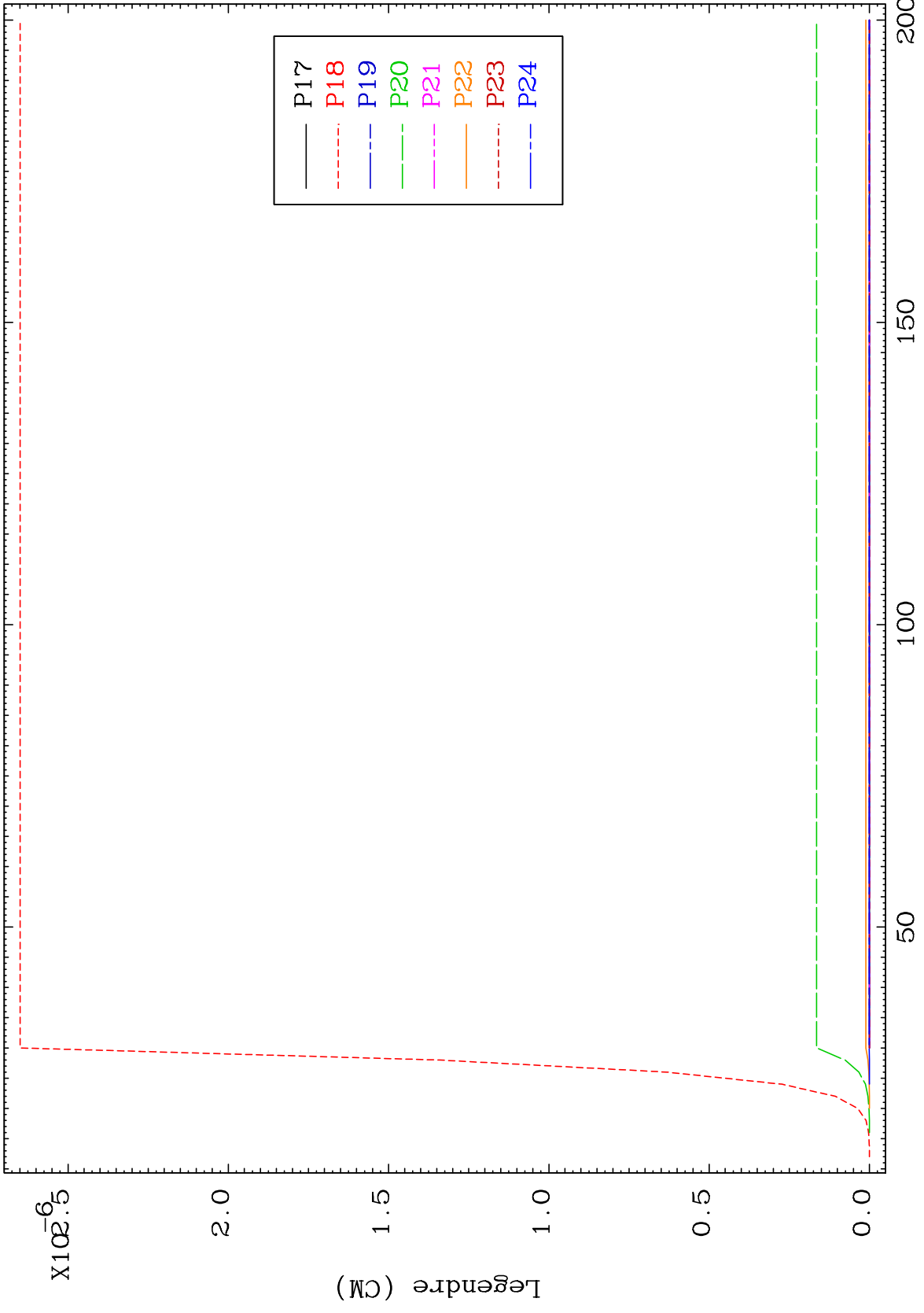
MAT 3140 MT= 52 (n,n') Level Legendre Coefficients 31-Ga-74



31-Ga-74

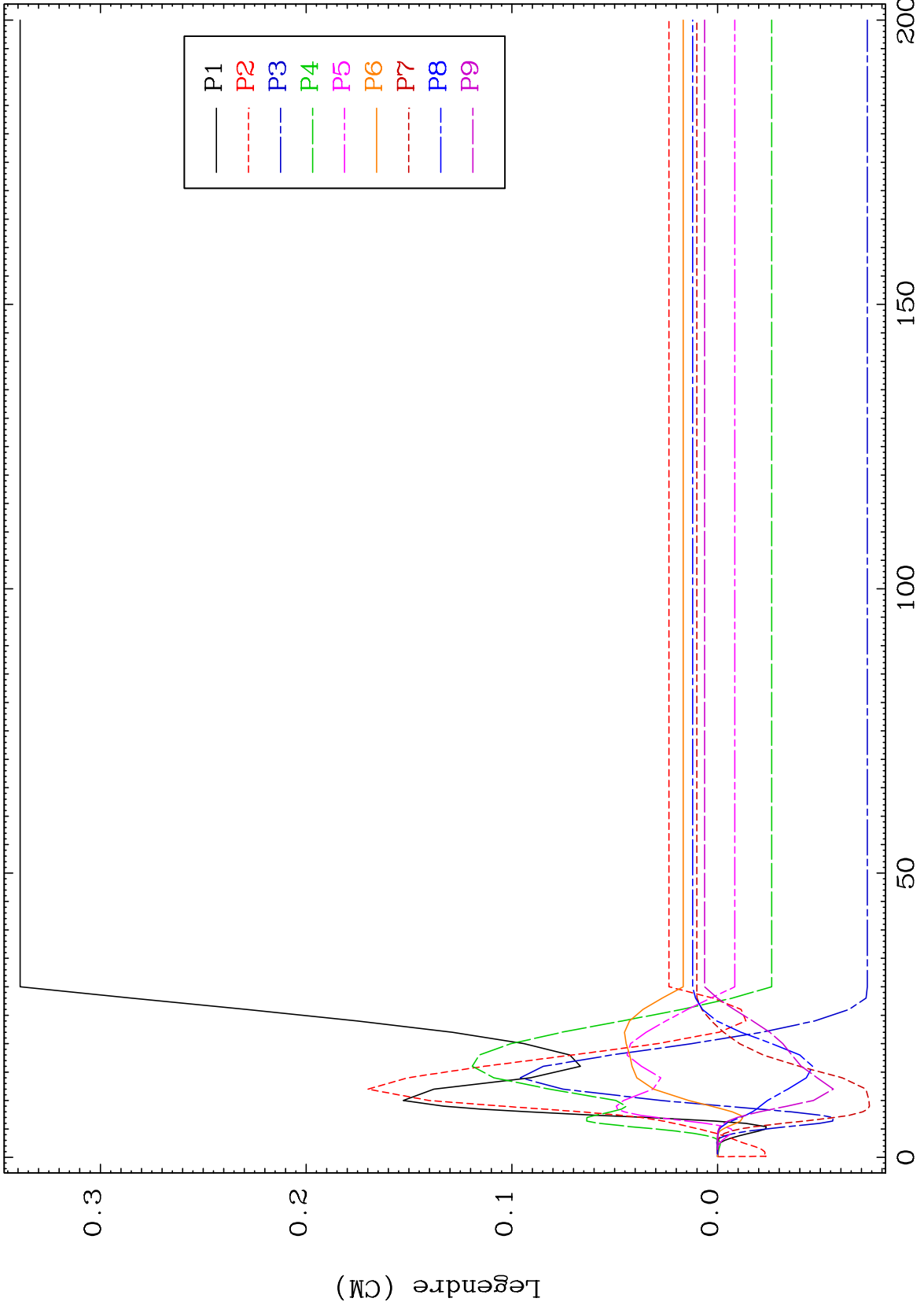


MAT 3140 MT= 52 (n,n') Level Legendre Coefficients 31-Ga-74



31-Ga-74

MAT 3140 MT= 53 (n,n') Level Legendre Coefficients 31-Ga-74

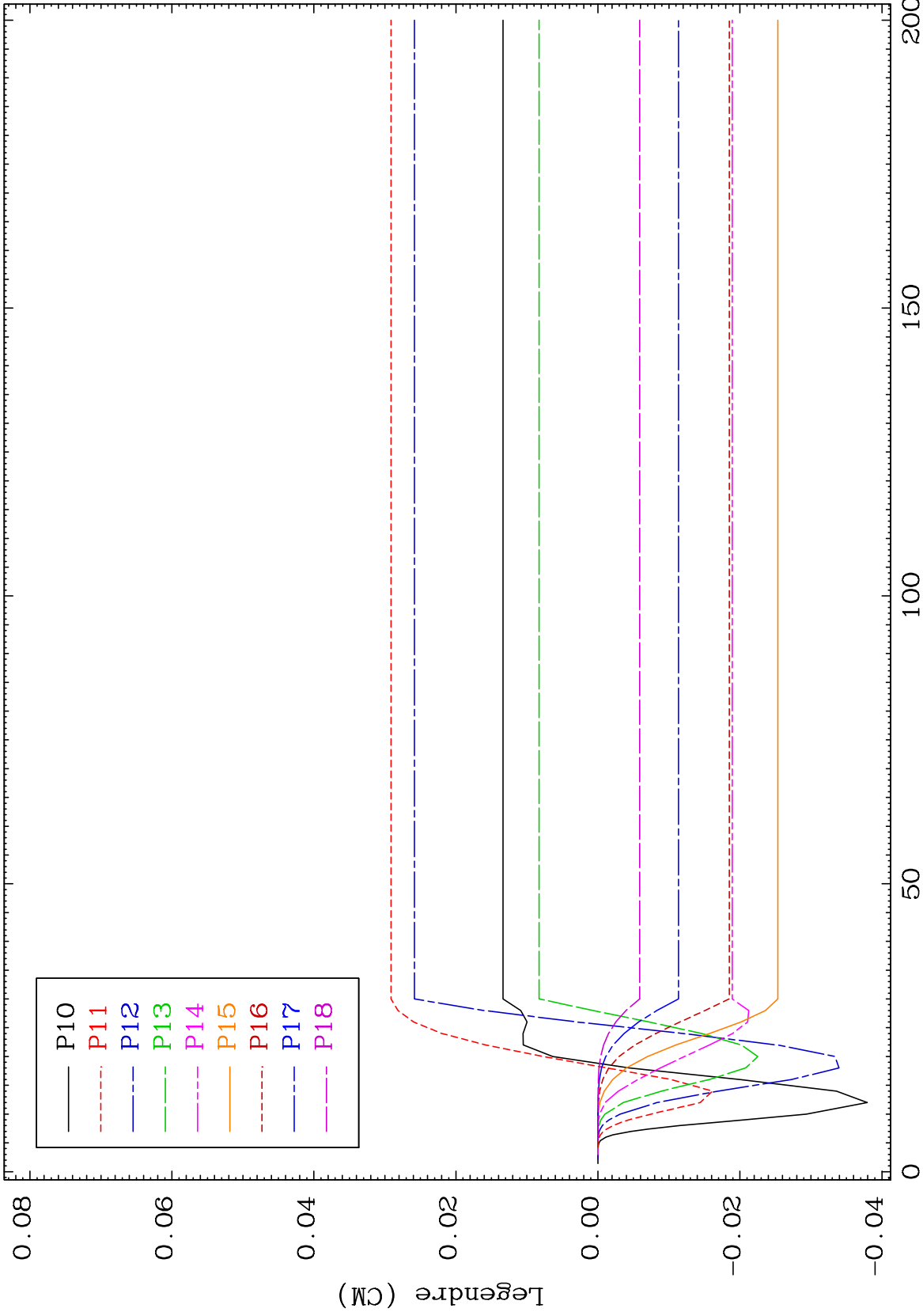


26 31-Ga-74

MAT 3140

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

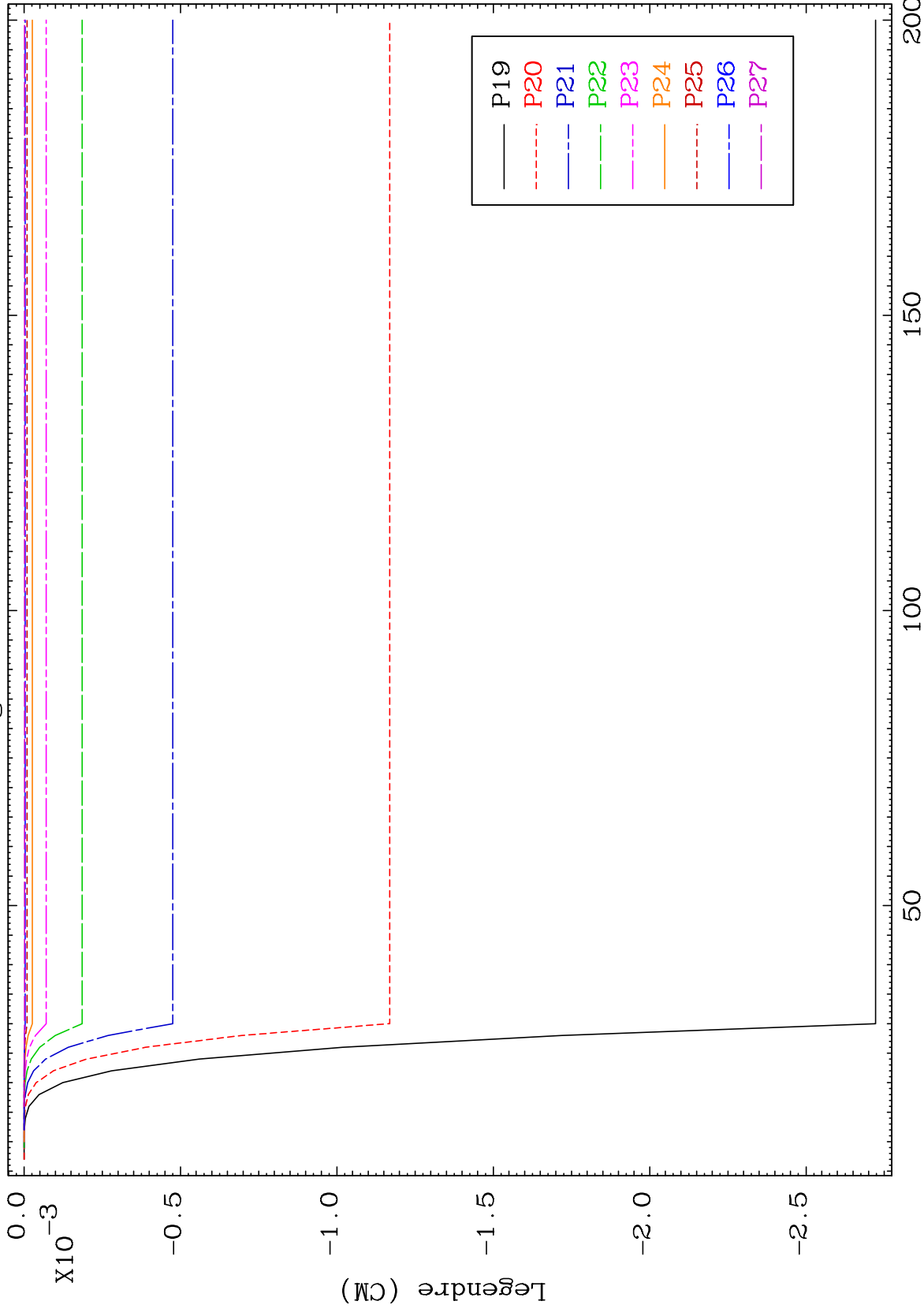
31-Ga-74



27

Incident Energy (MeV)

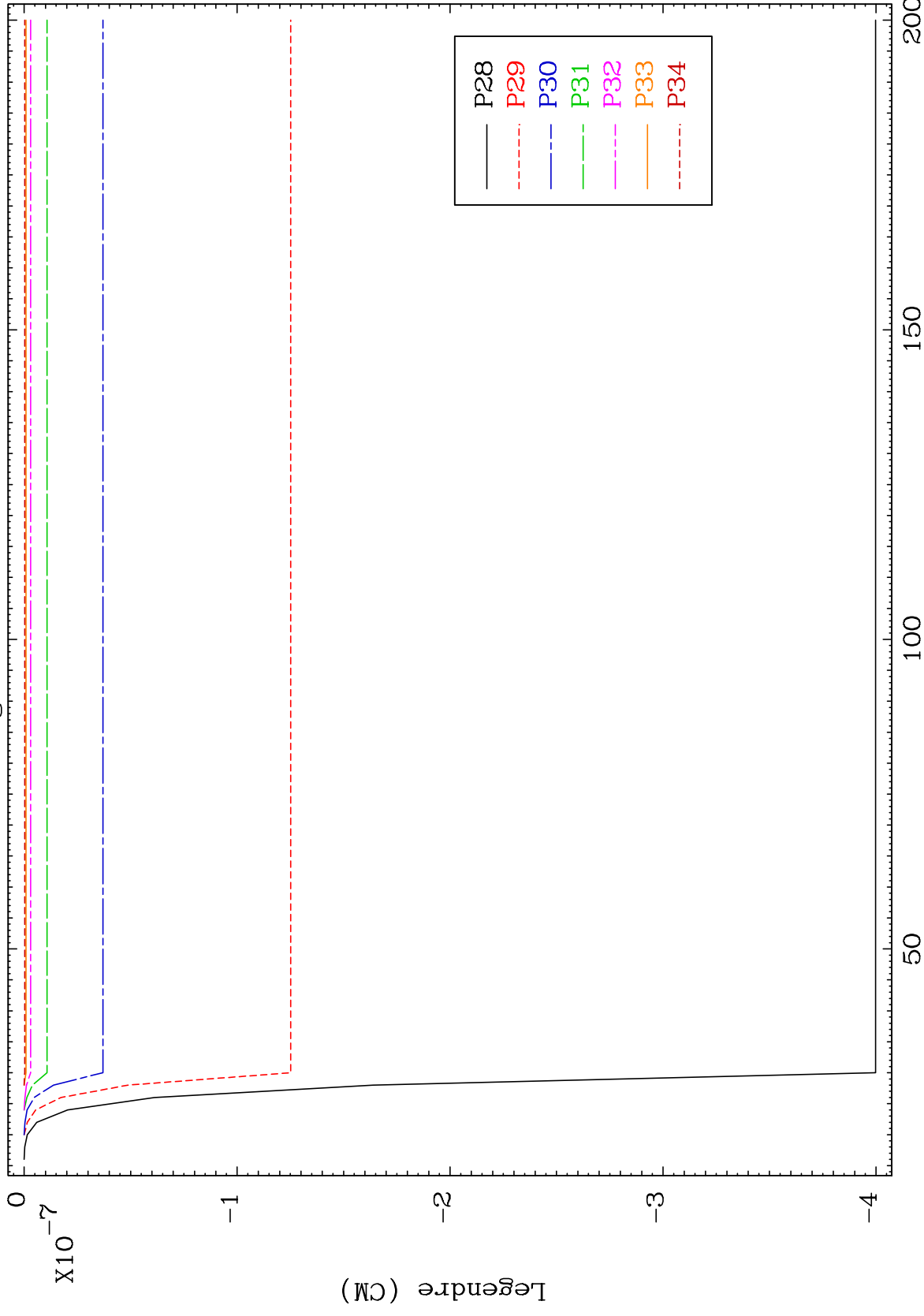
31-Ga-74



MAT 3140

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

31-Ga-74

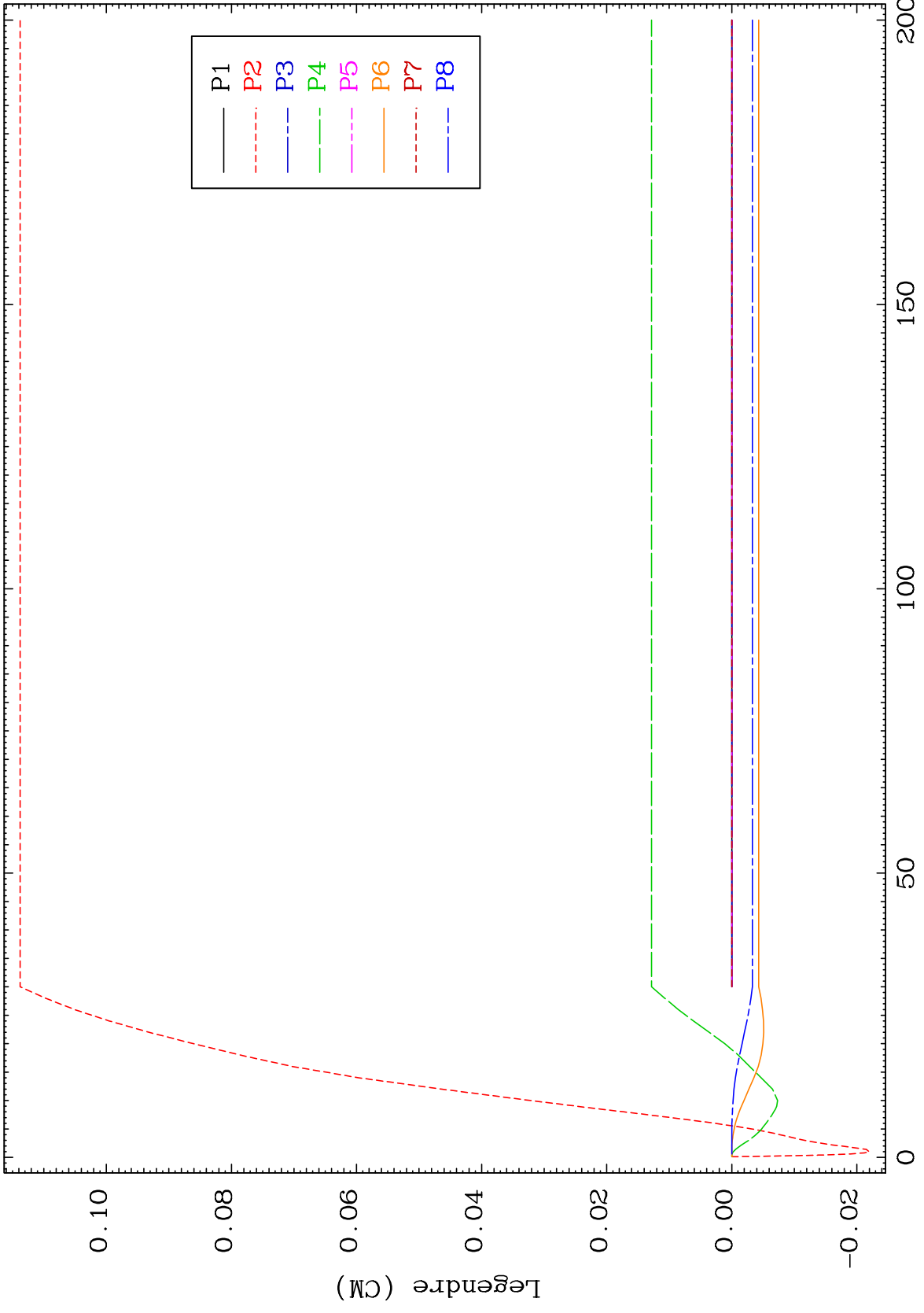


31-Ga-74

Incident Energy (MeV)

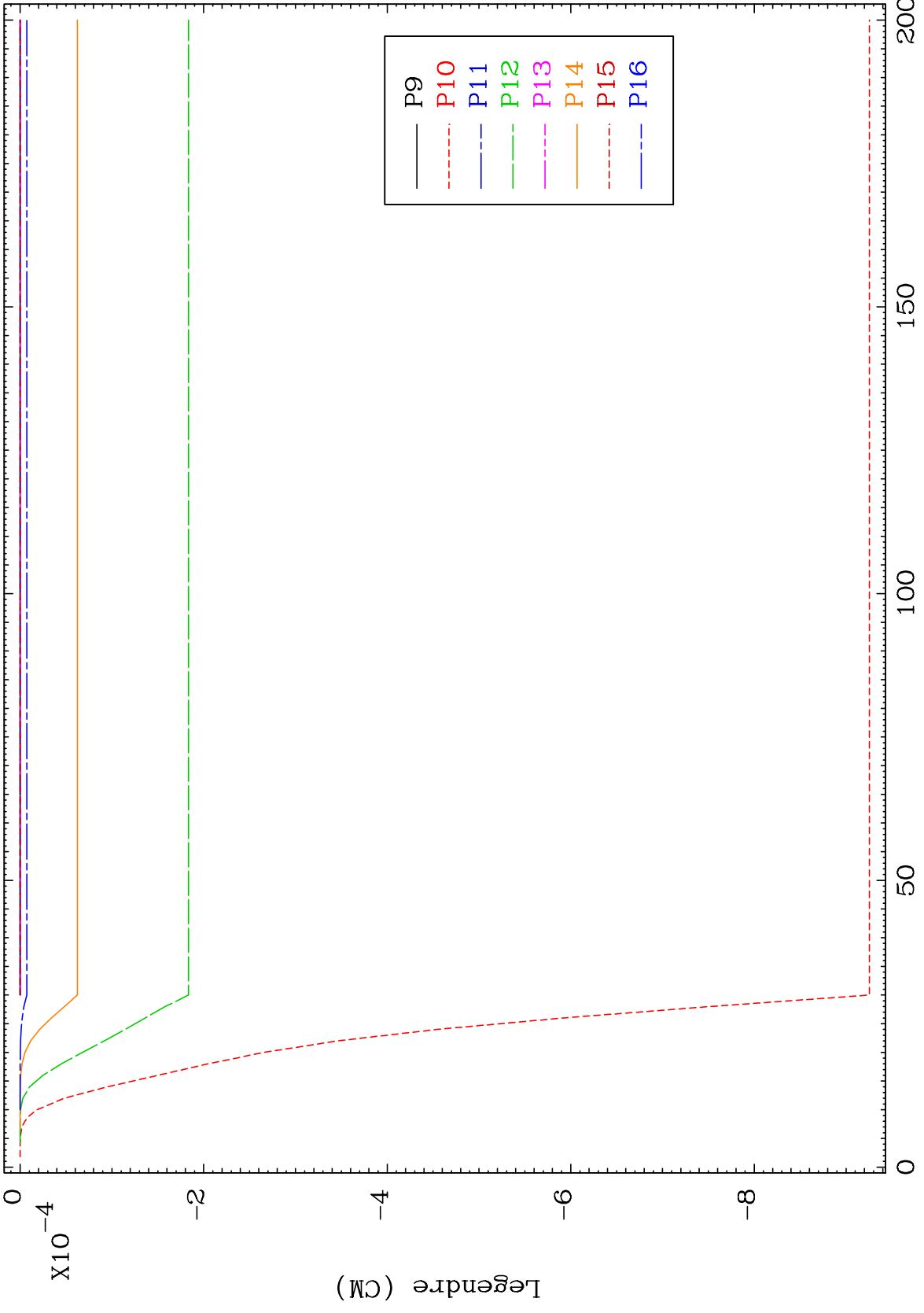
29

MAT 3140 MT= 54 (n,n') Level Legendre Coefficients 31-Ga-74



31-Ga-74

MAT 3140 MT= 54 (n,n') Level Legendre Coefficients 31-Ga-74

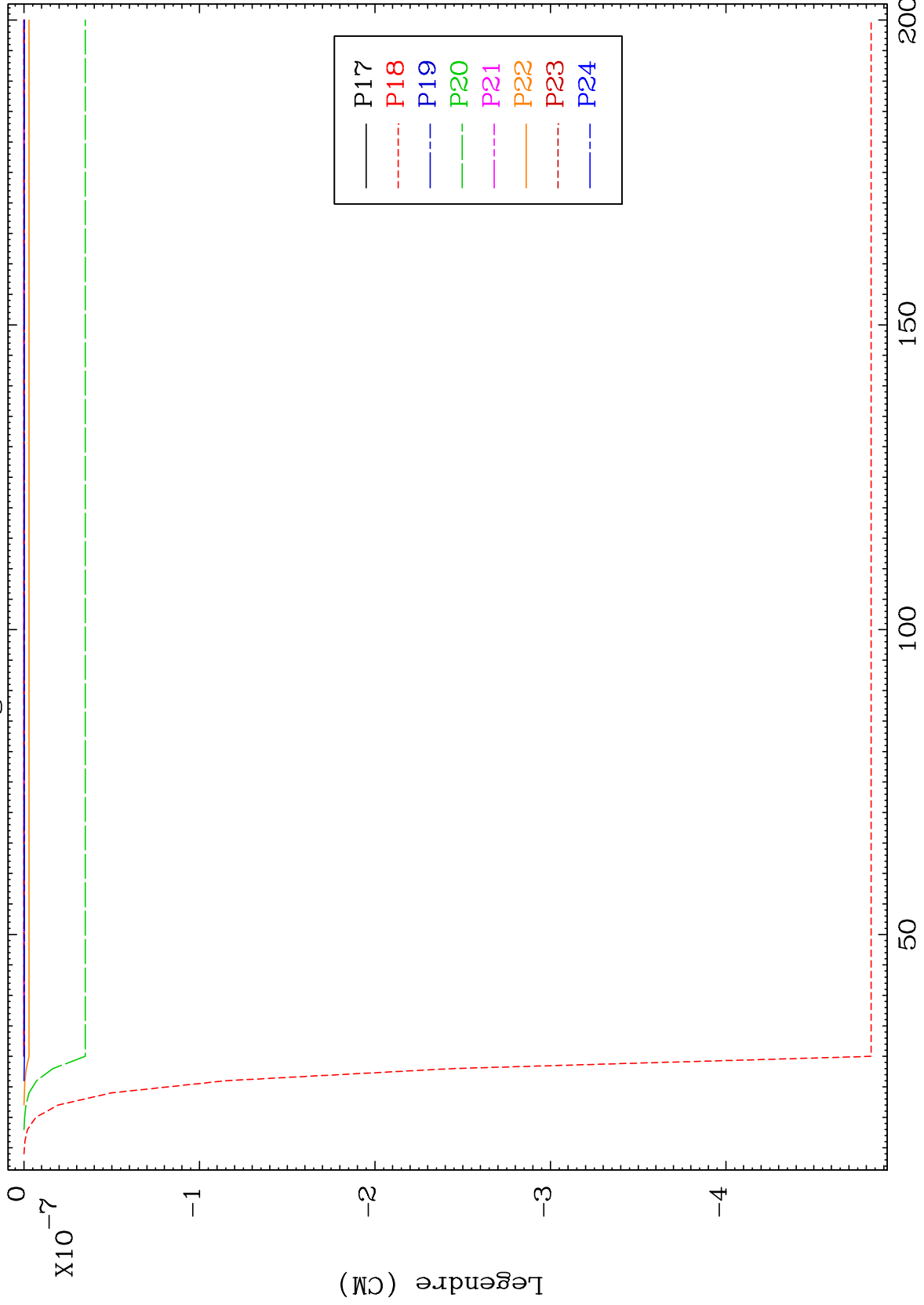


31 Incident Energy (MeV) 31-Ga-74

MAT 3140

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

31-Ga-74



31-Ga-74

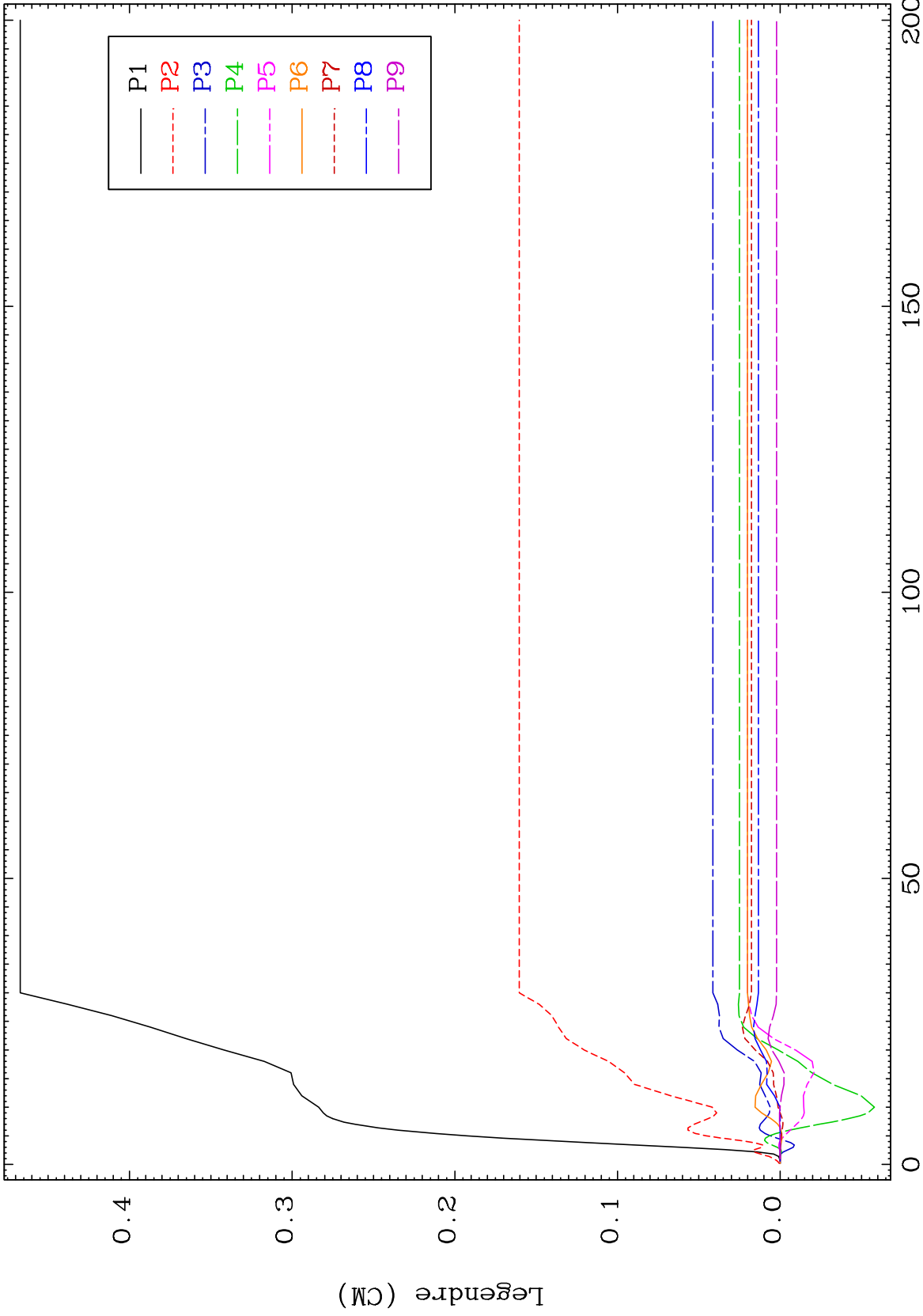
Incident Energy (MeV)

32

MAT 3140

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

31-Ga-74



33

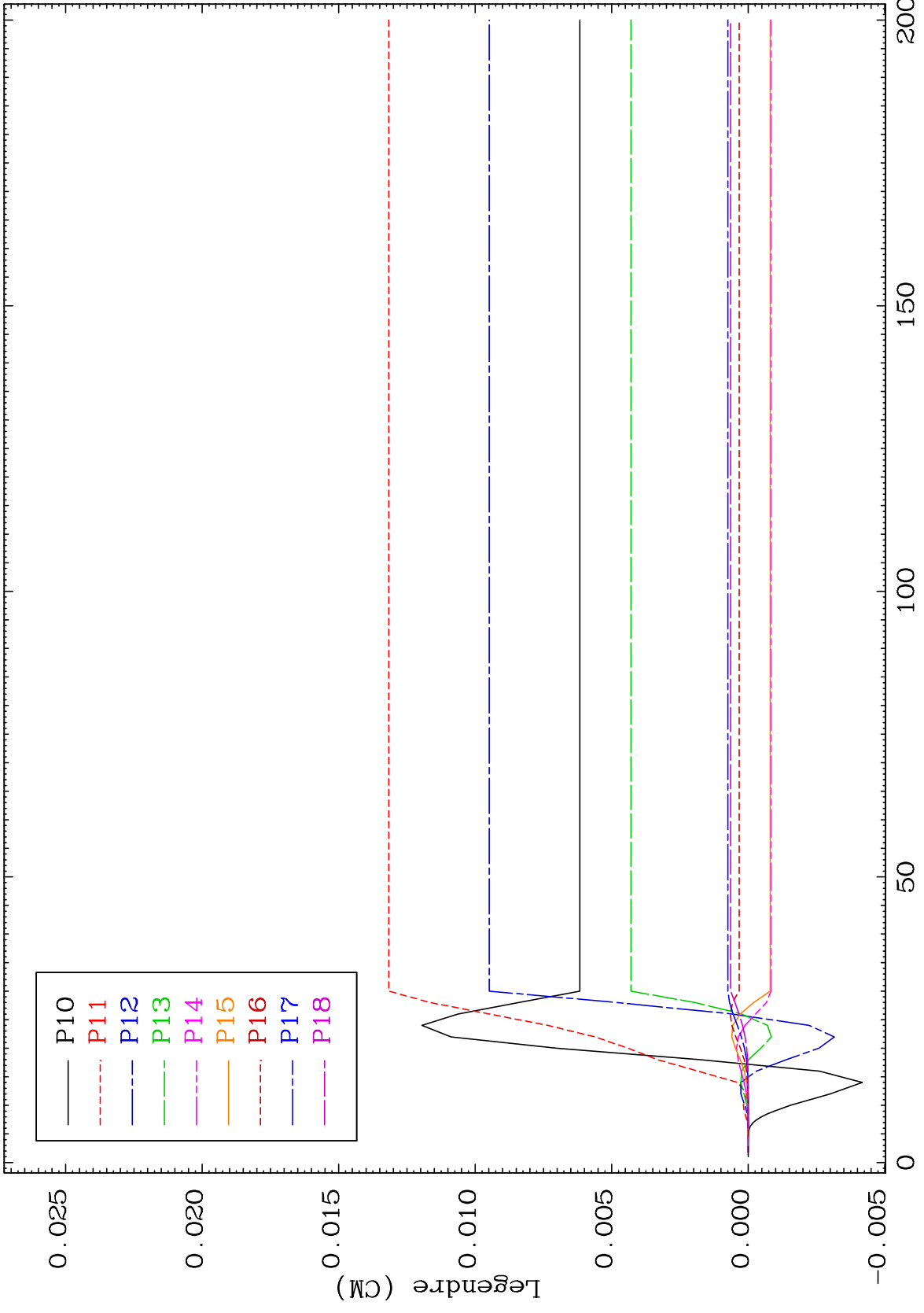
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

31-Ga-74



34

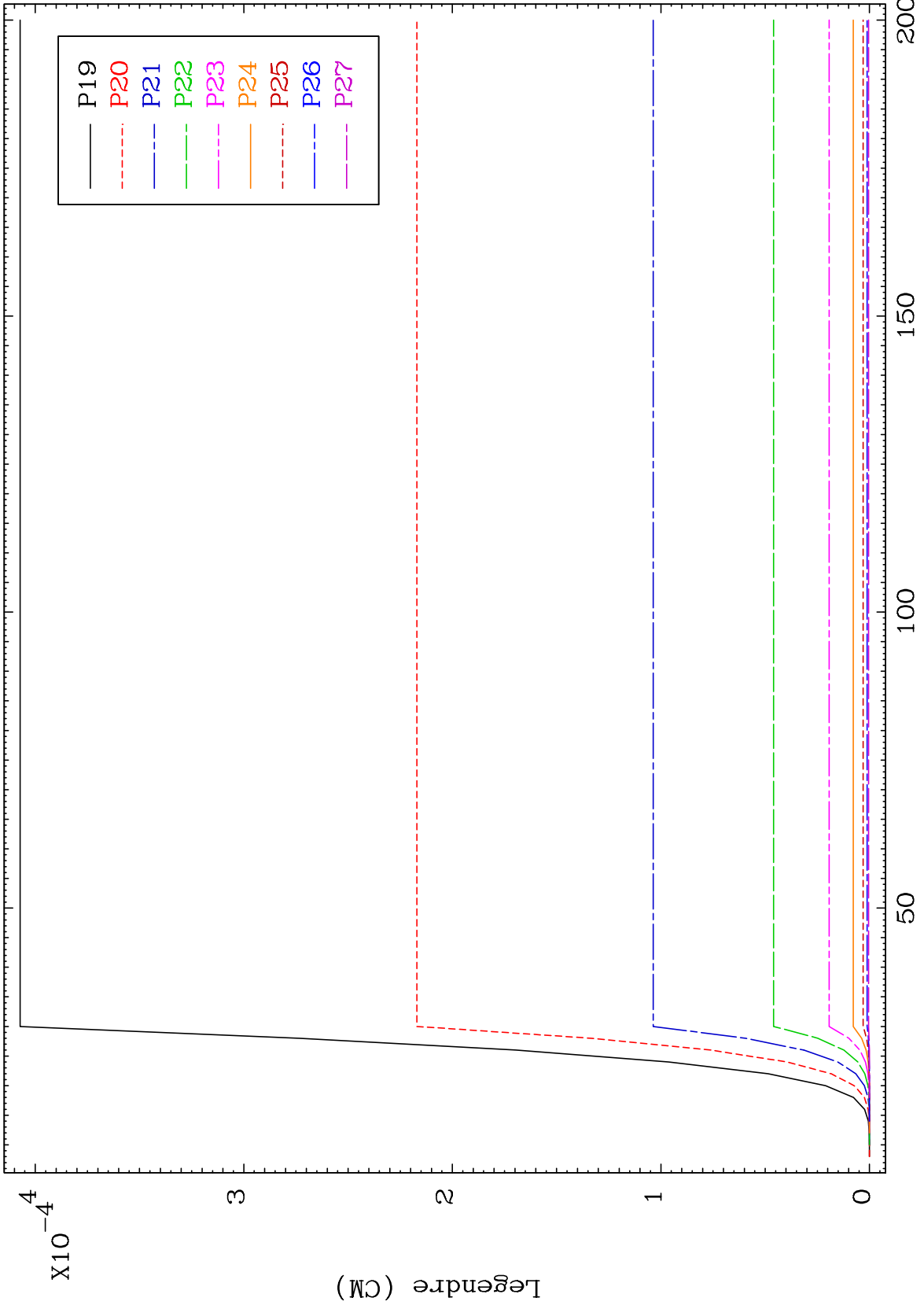
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

31-Ga-74



35

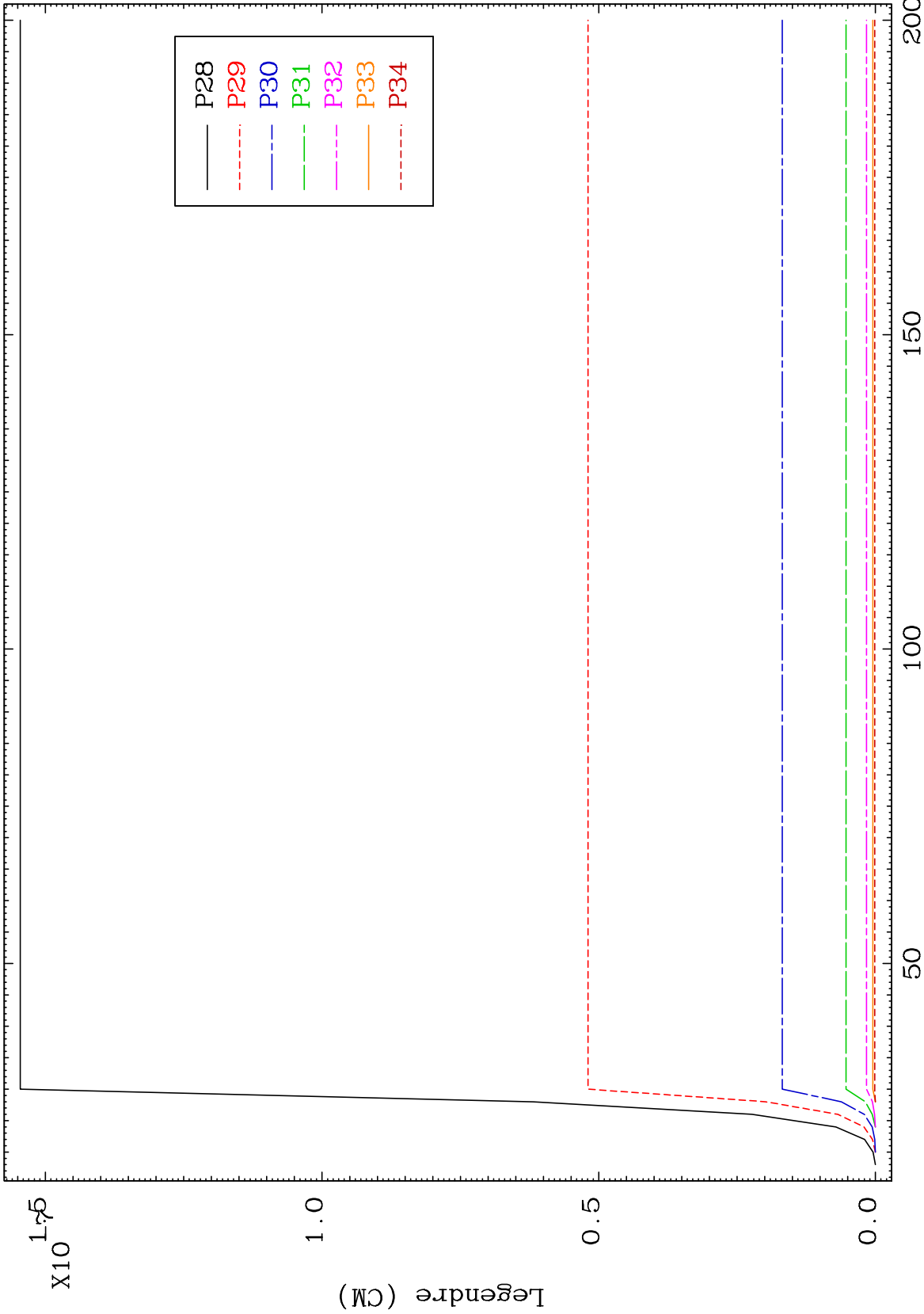
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

31-Ga-74



36

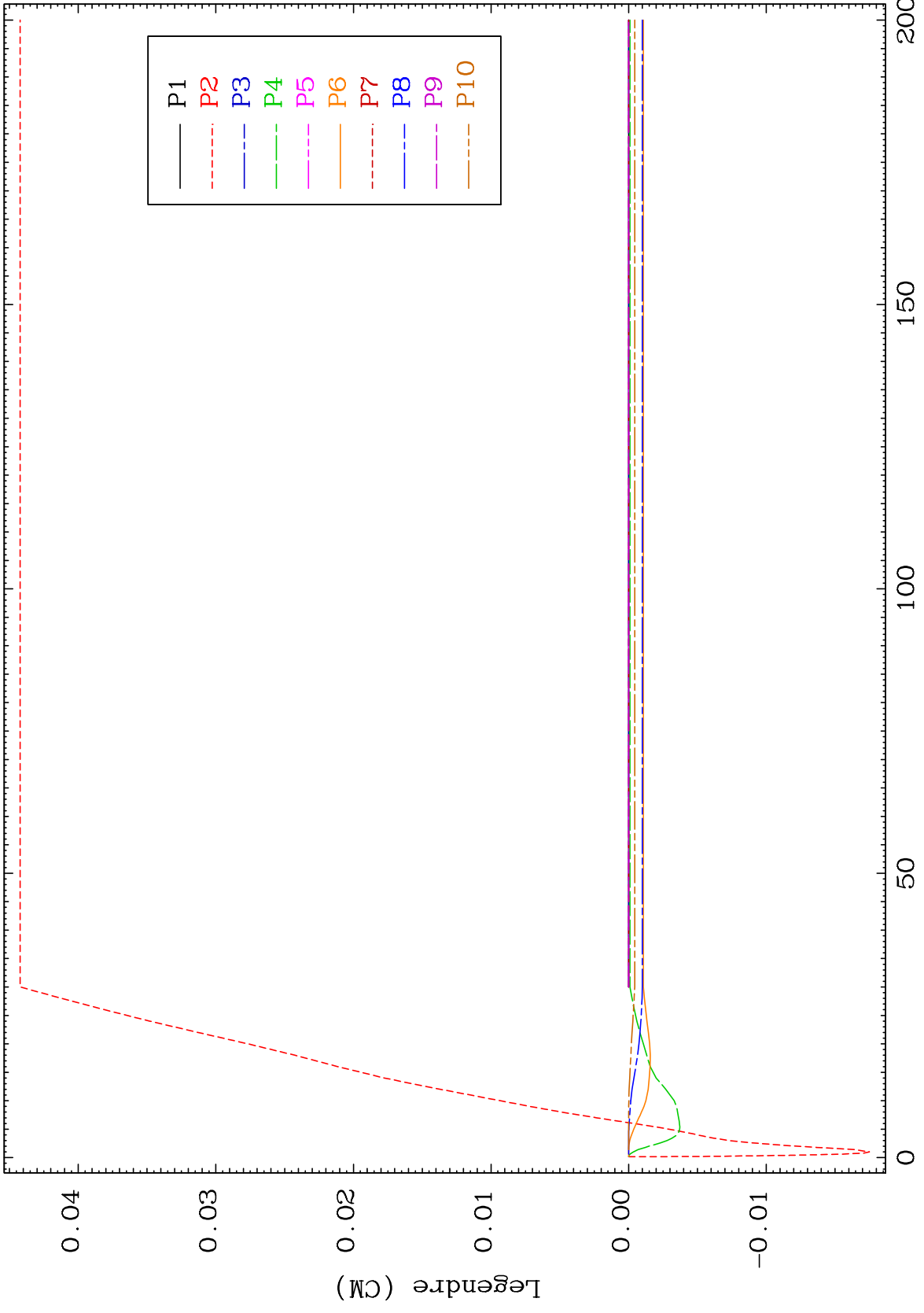
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

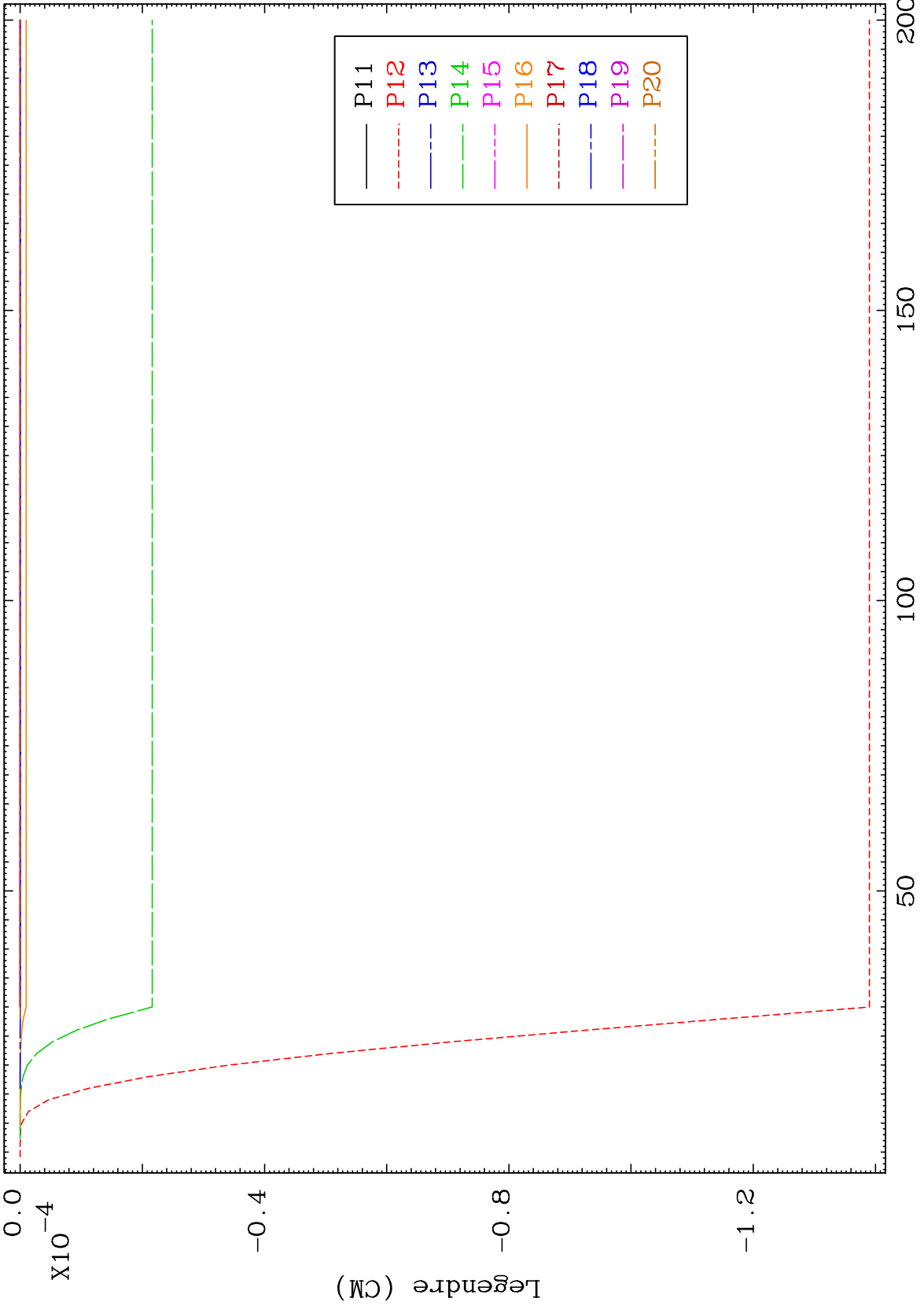
31-Ga-74



37

Incident Energy (MeV)

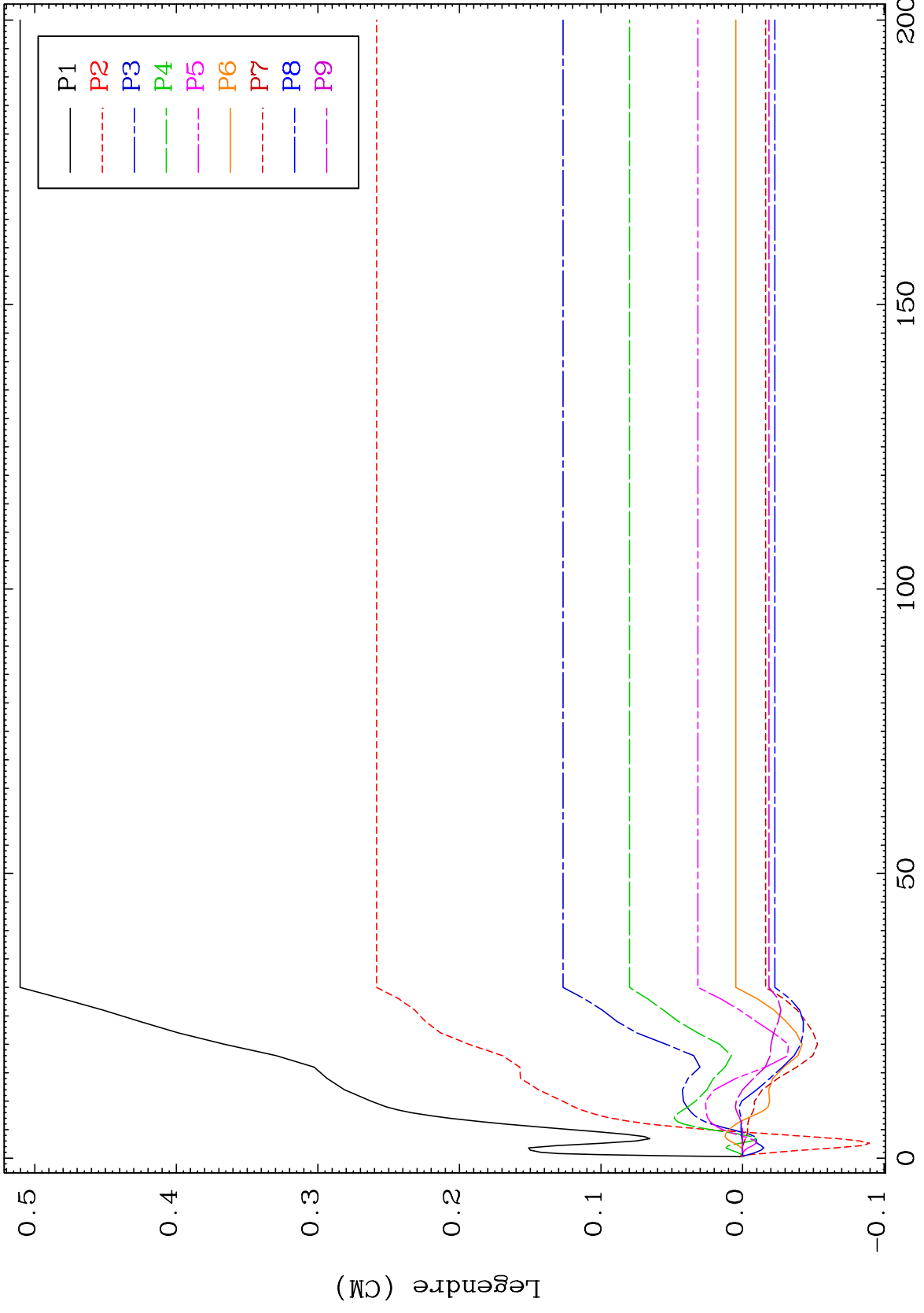
31-Ga-74



MAT 3140

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

31-Ga-74



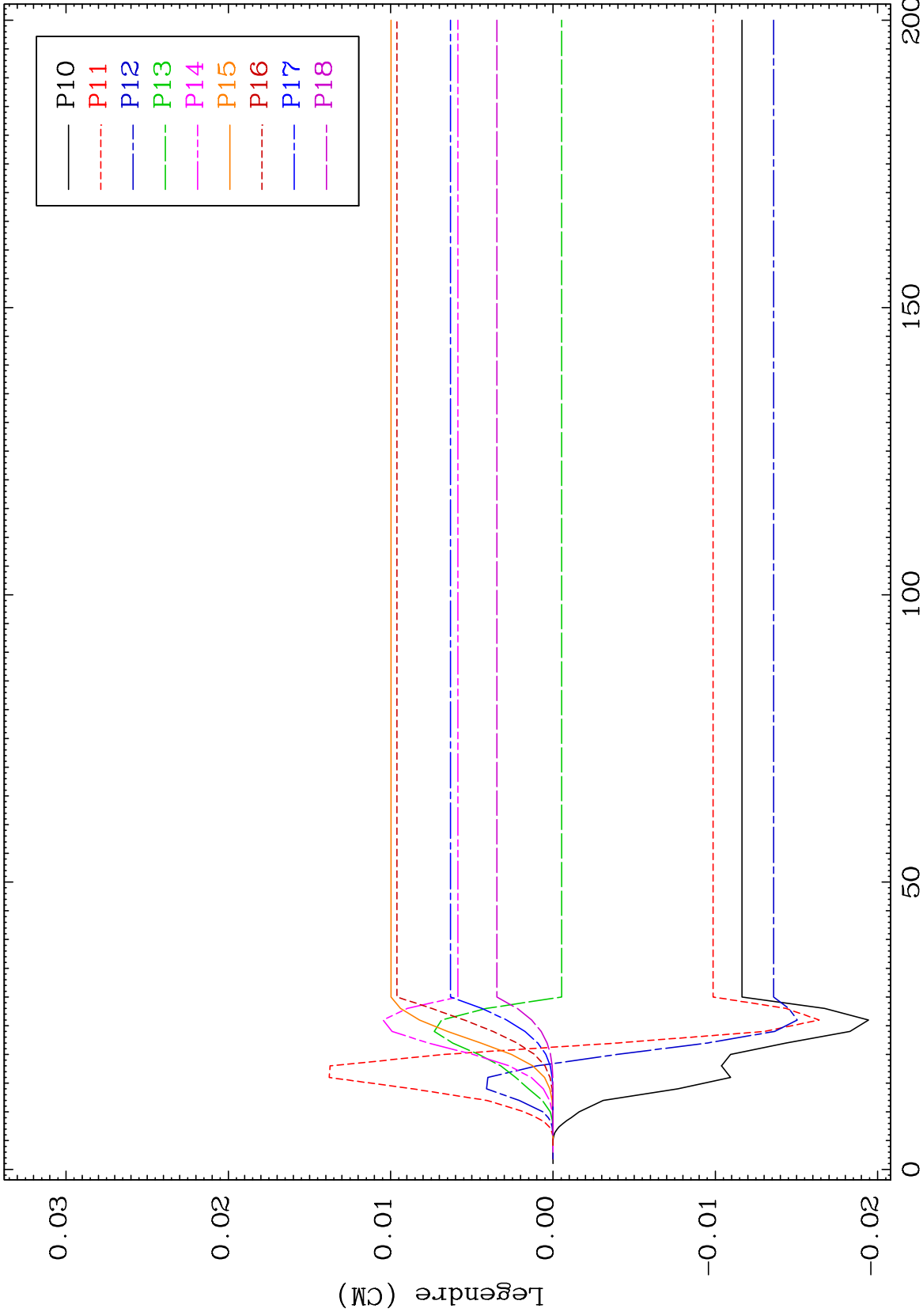
39

31-Ga-74

MAT 3140

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

31-Ga-74



40

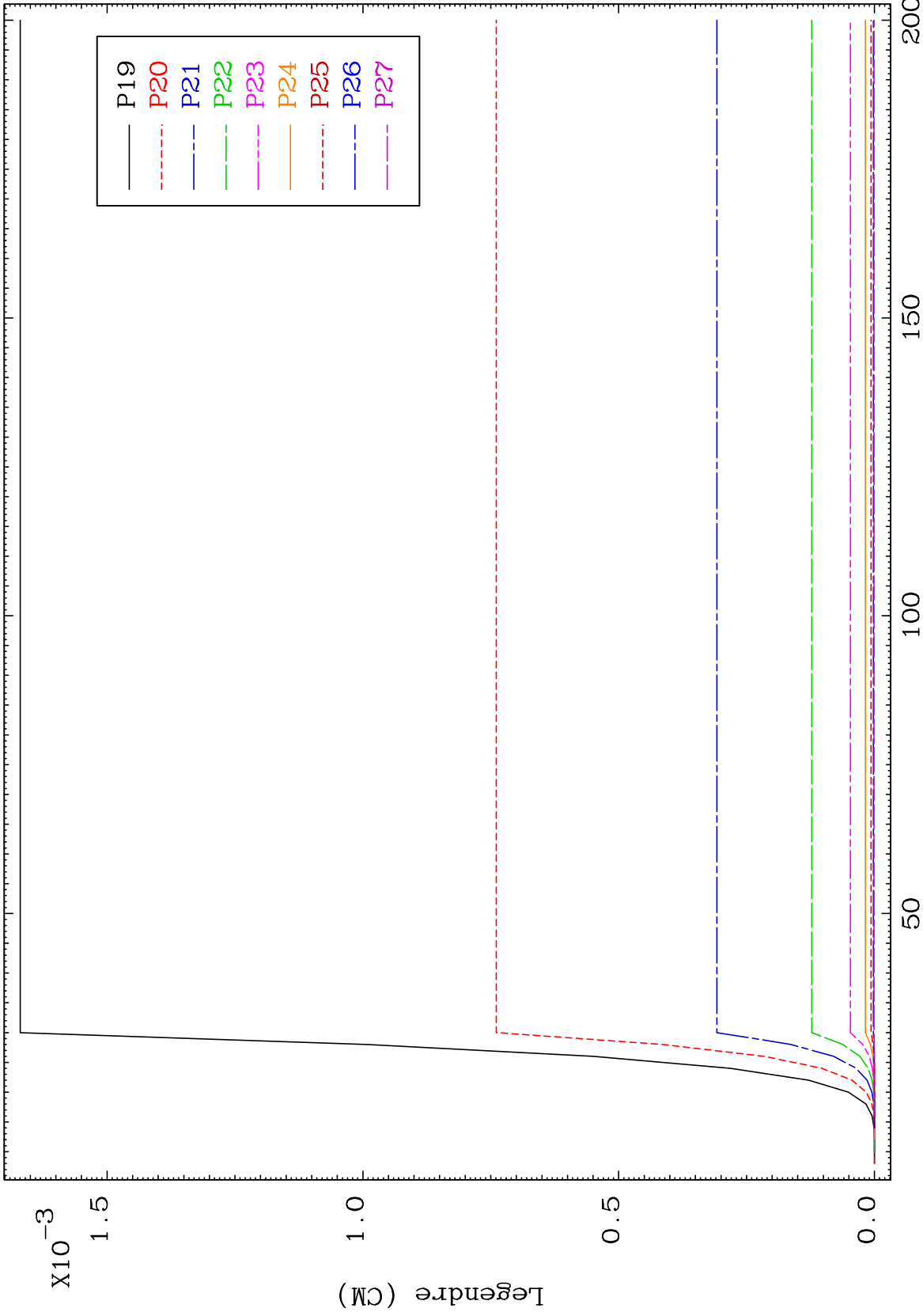
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

31-Ga-74



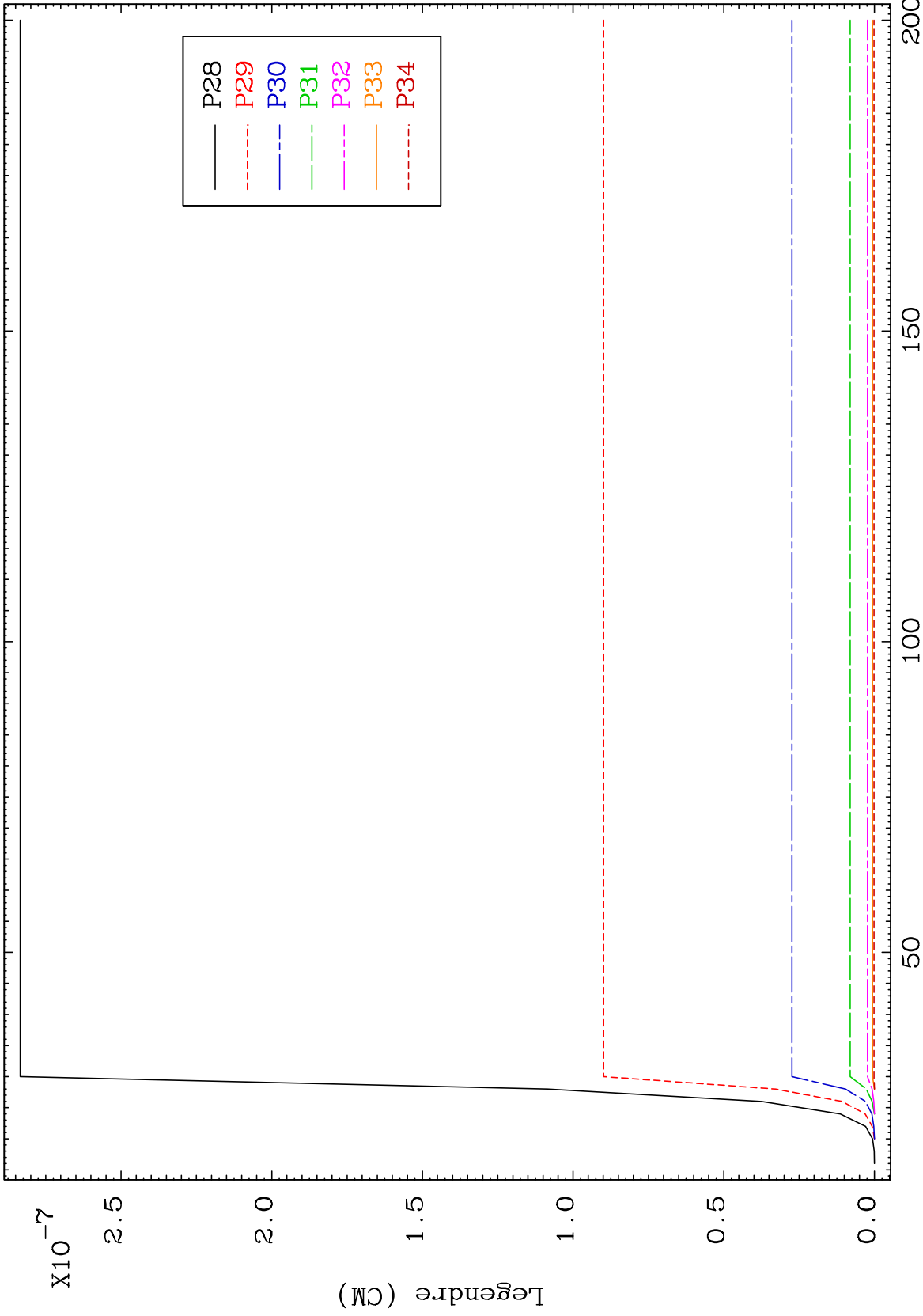
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31-Ga-74

MAT 3140

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

31-Ga-74

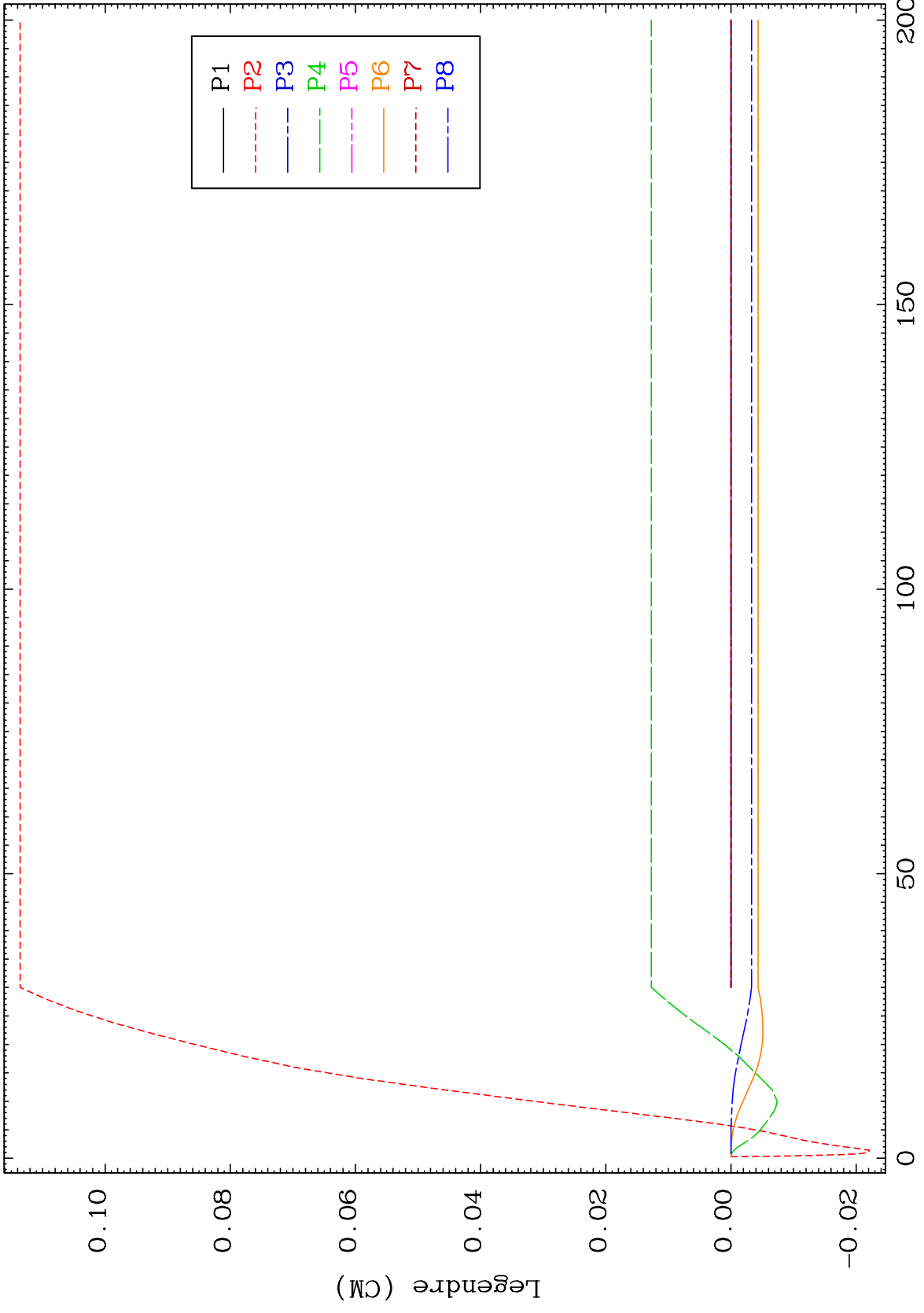


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Incident Energy (MeV)

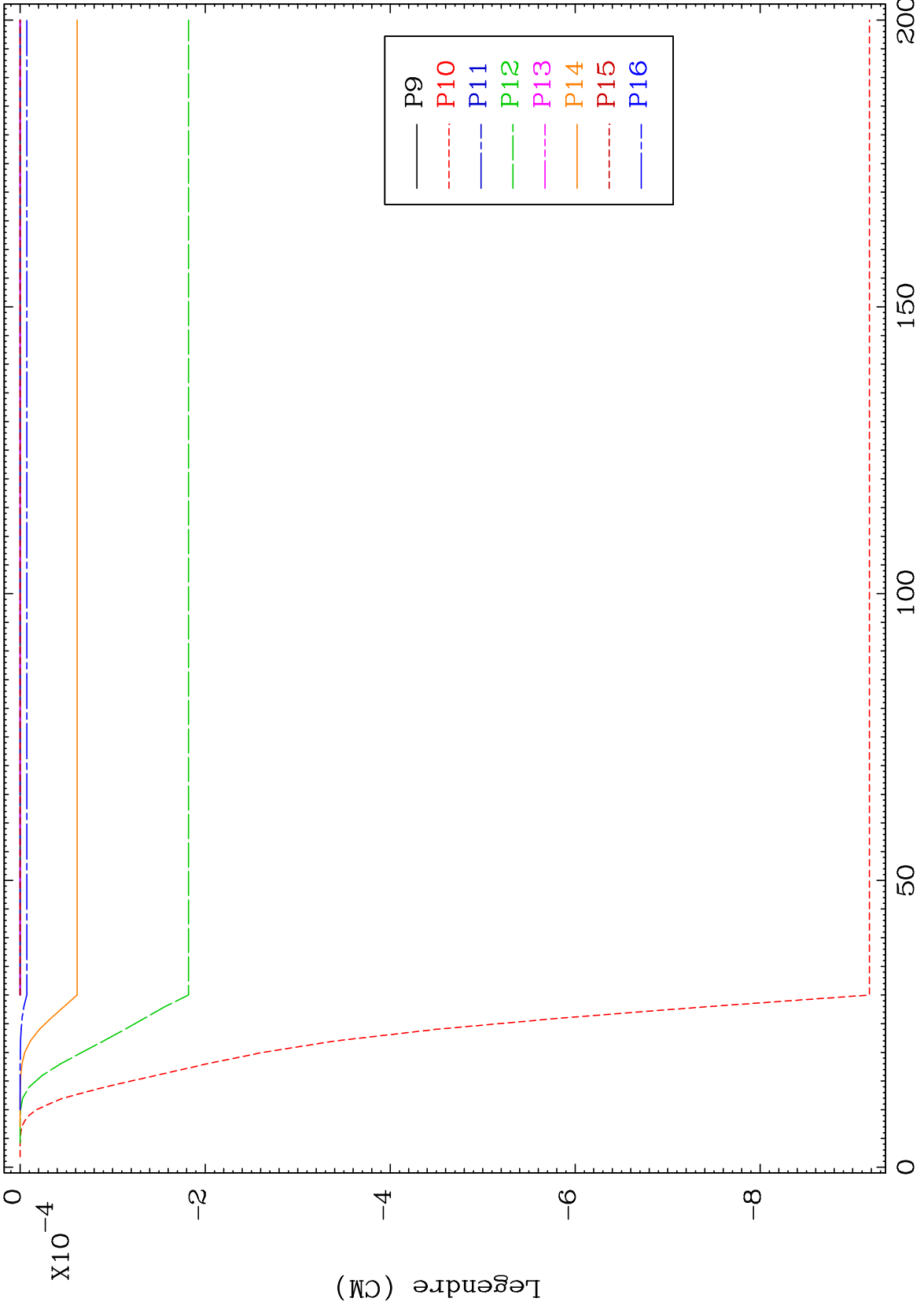
31-Ga-74

MAT 3140 MT= 58 (n,n') Level Legendre Coefficients 31-Ga-74



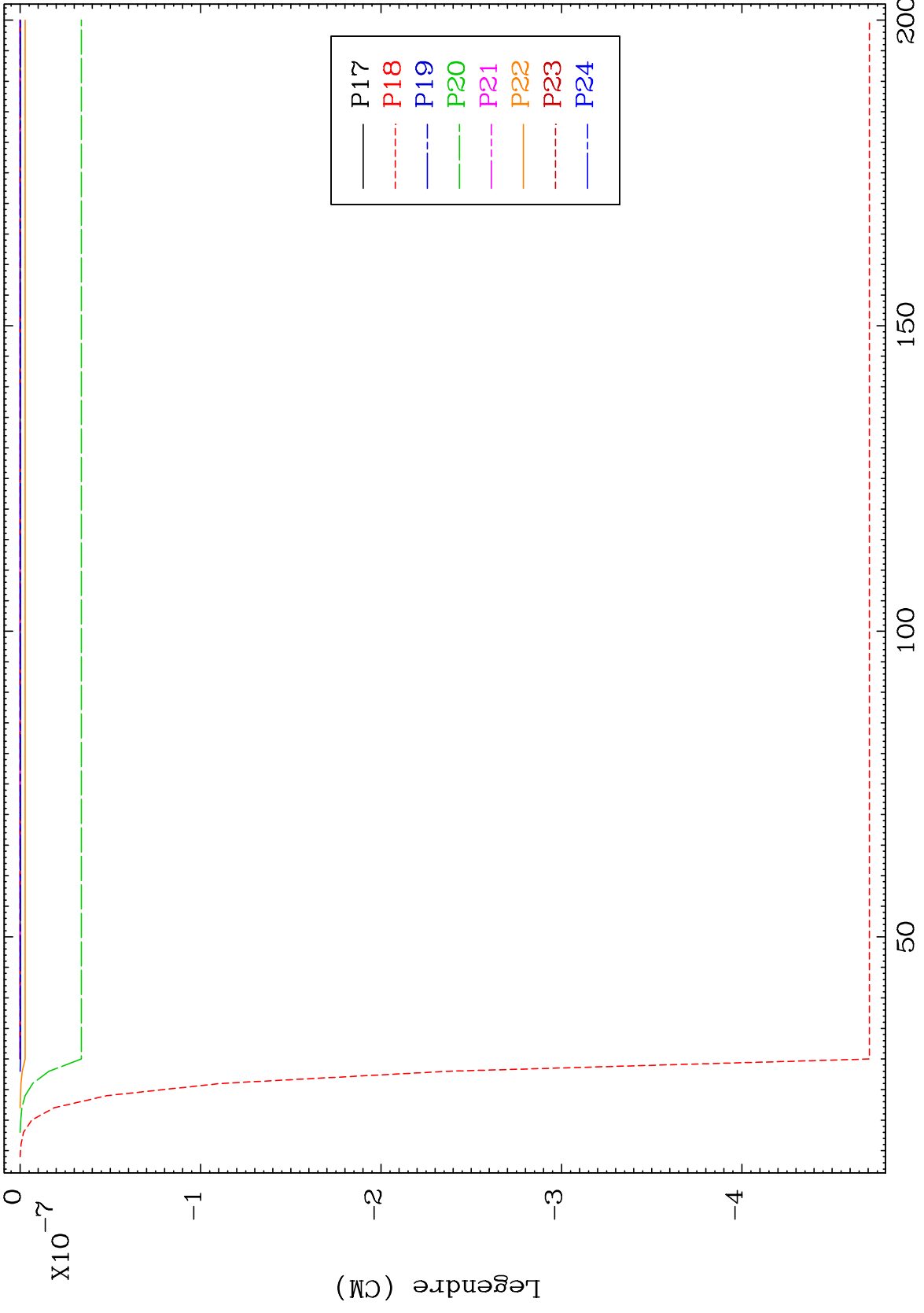
43 31-Ga-74

MAT 3140 MT= 58 (n,n') Level Legendre Coefficients 31-Ga-74



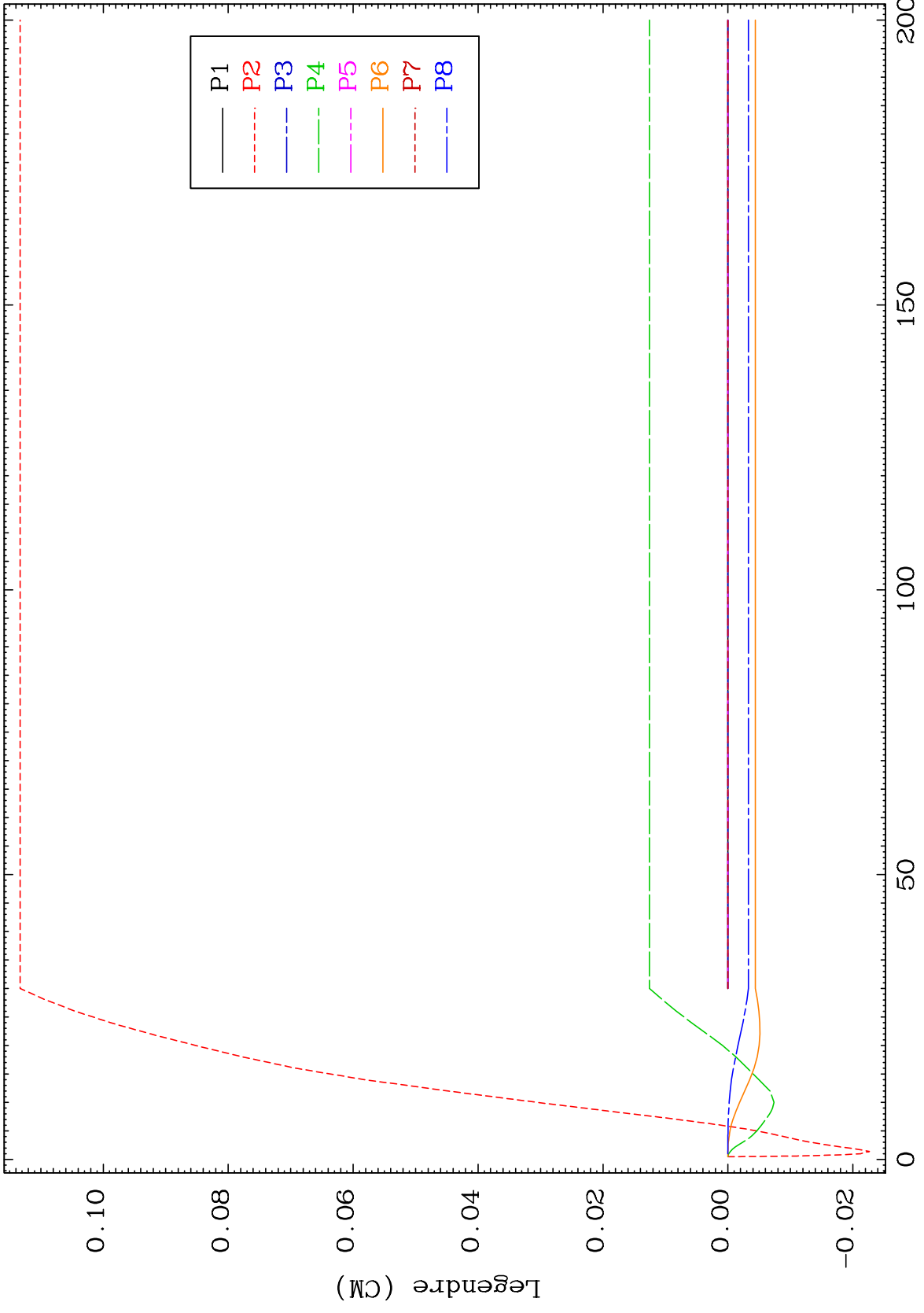
44 31-Ga-74

MAT 3140 MT= 58 (n,n') Level Legendre Coefficients 31-Ga-74



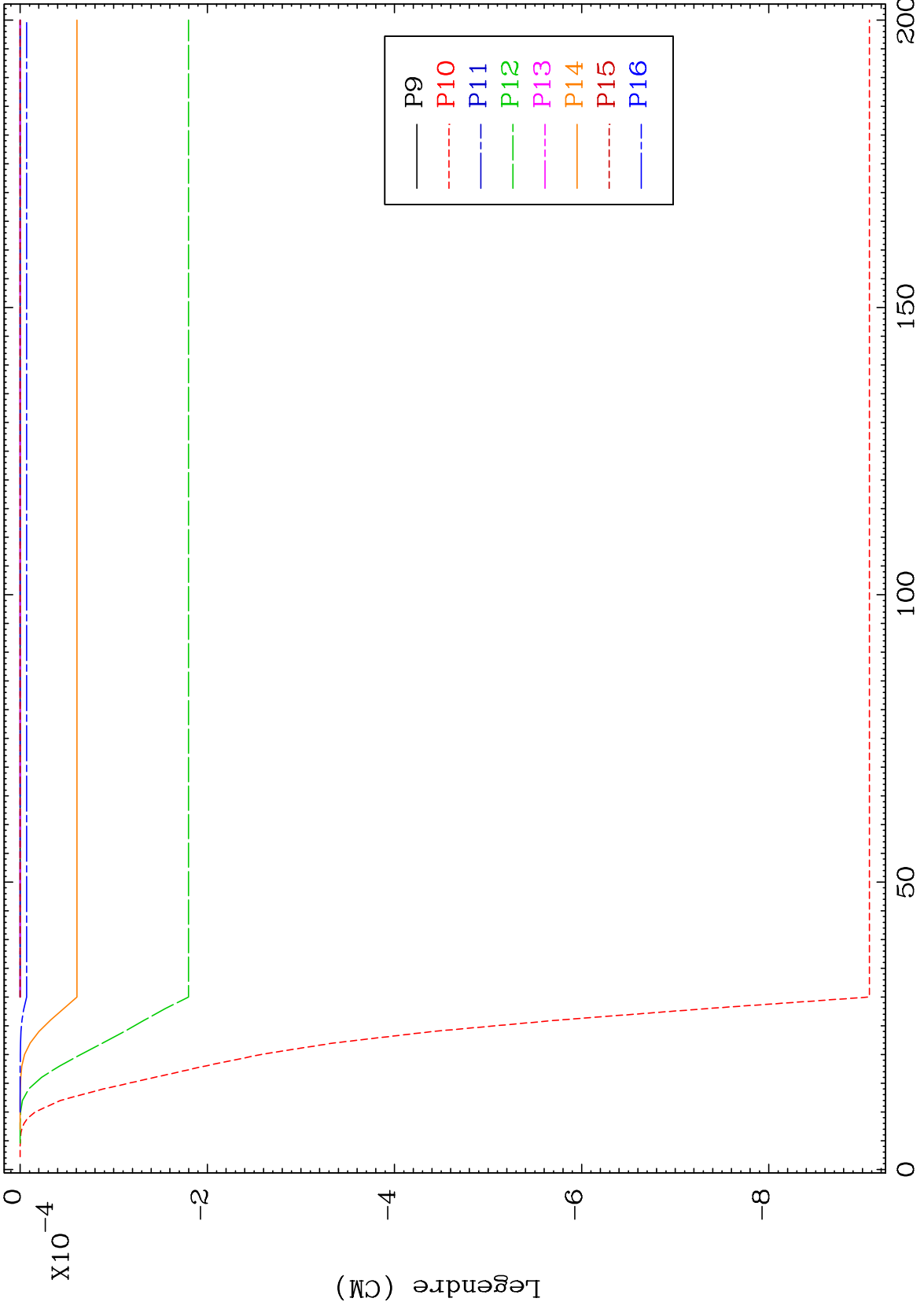
45 Incident Energy (MeV) 31-Ga-74

MAT 3140 MT= 59 (n,n') Level Legendre Coefficients 31-Ga-74



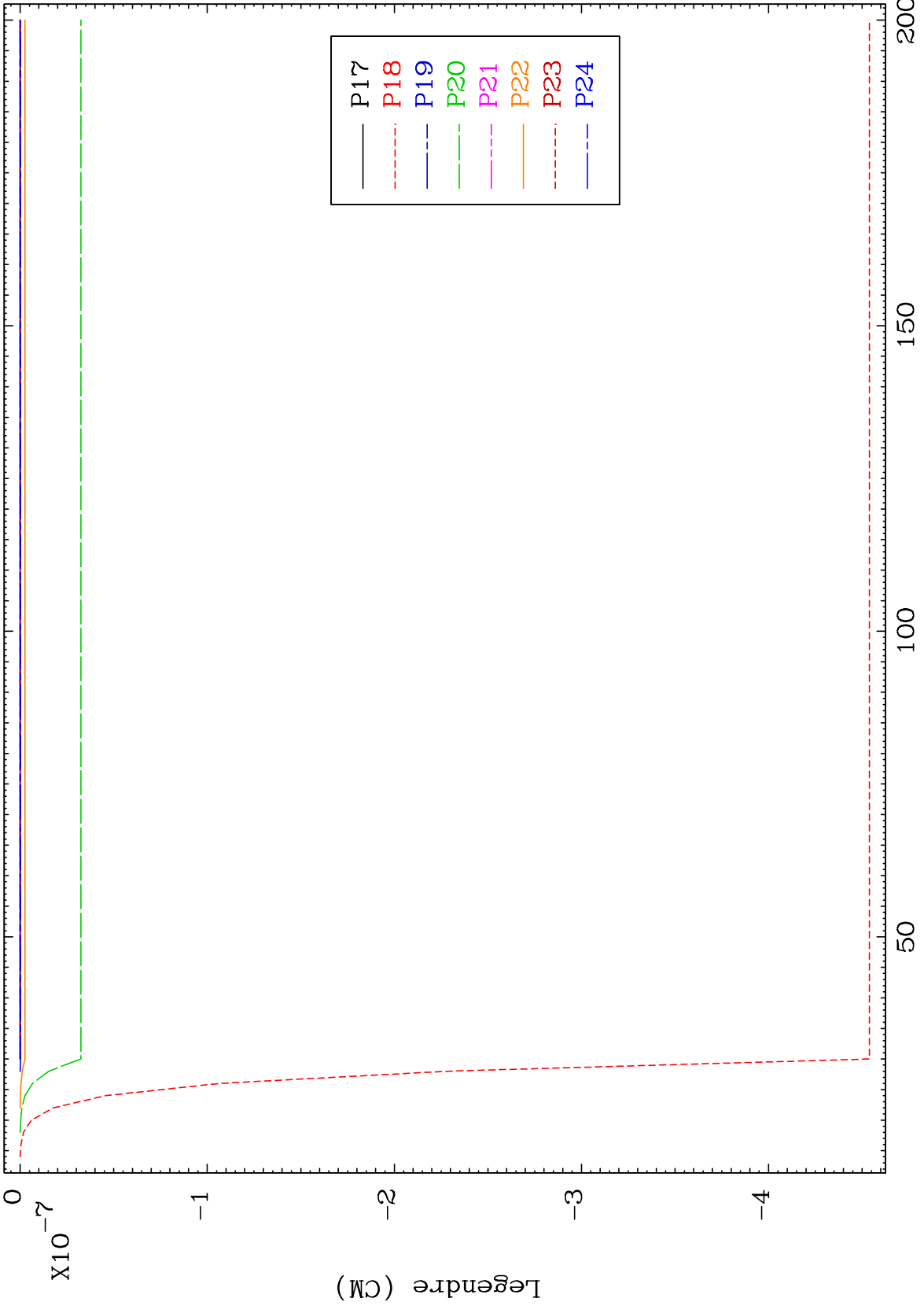
46 31-Ga-74

MAT 3140 MT= 59 (n,n') Level Legendre Coefficients 31-Ga-74



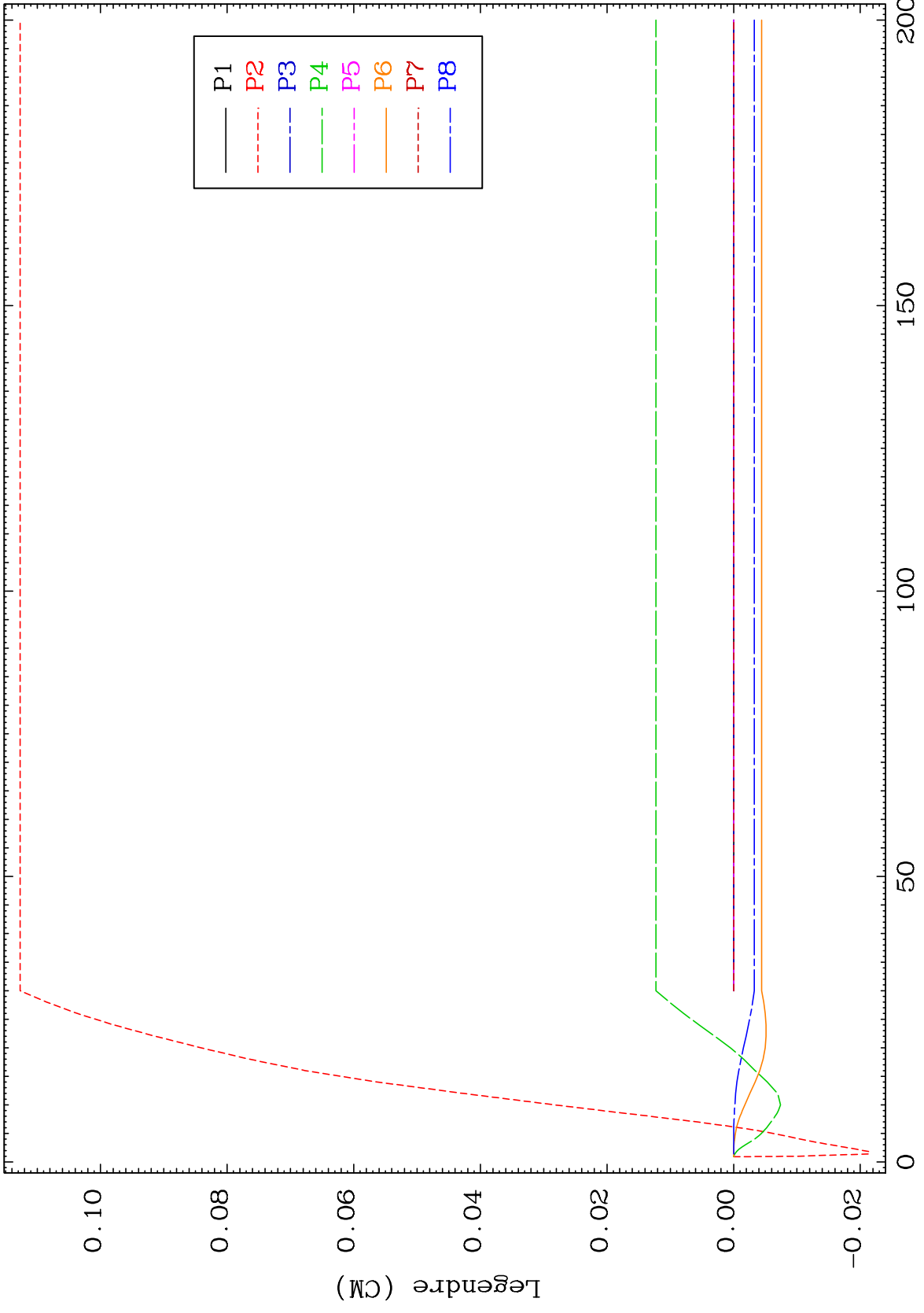
47 31-Ga-74

MAT 3140 MT= 59 (n,n') Level Legendre Coefficients 31-Ga-74



48 31-Ga-74

MAT 3140 MT= 60 (n,n') Level Legendre Coefficients 31-Ga-74

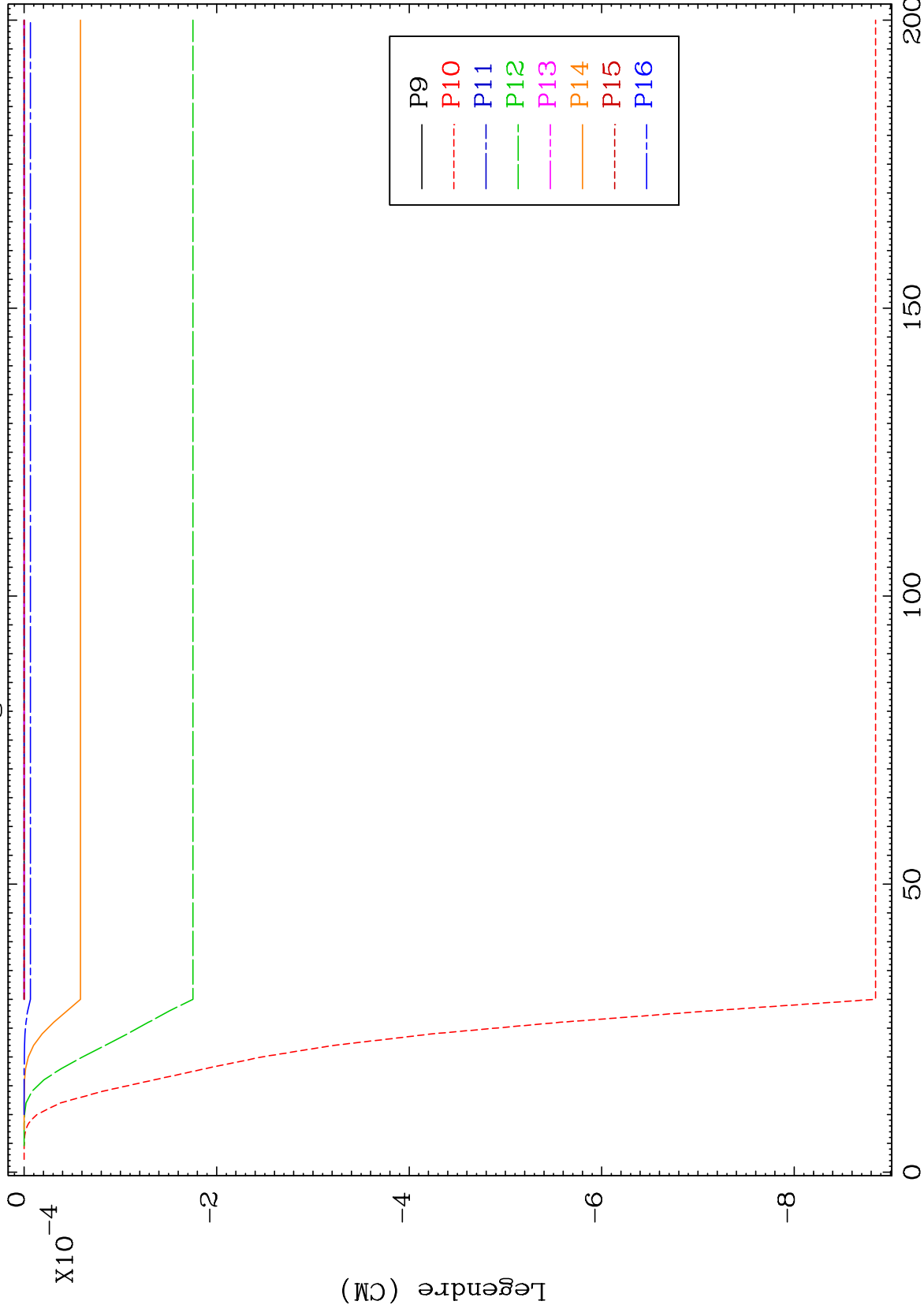


49 31-Ga-74

MAT 3140

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

31-Ga-74

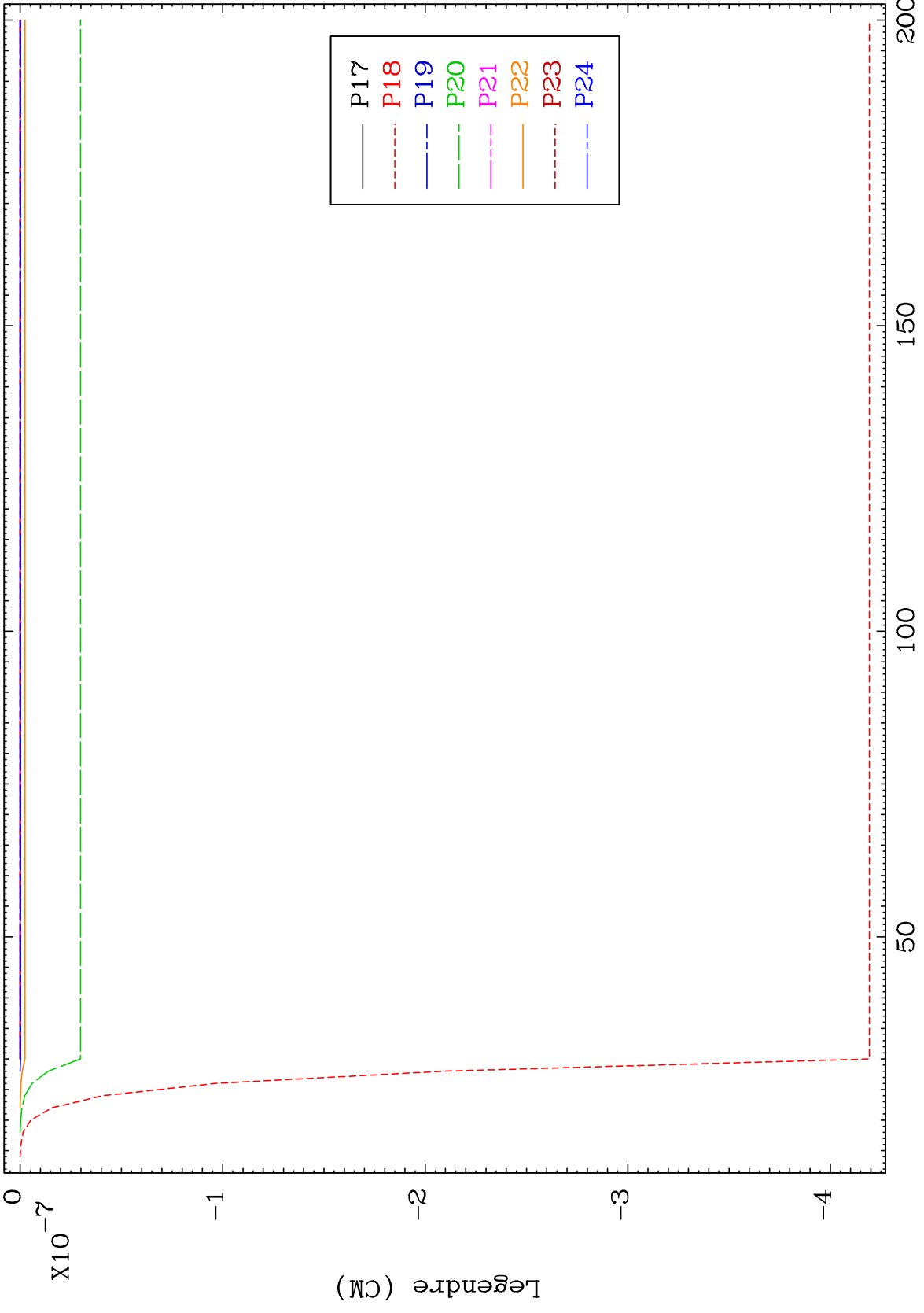


31-Ga-74

Incident Energy (MeV)

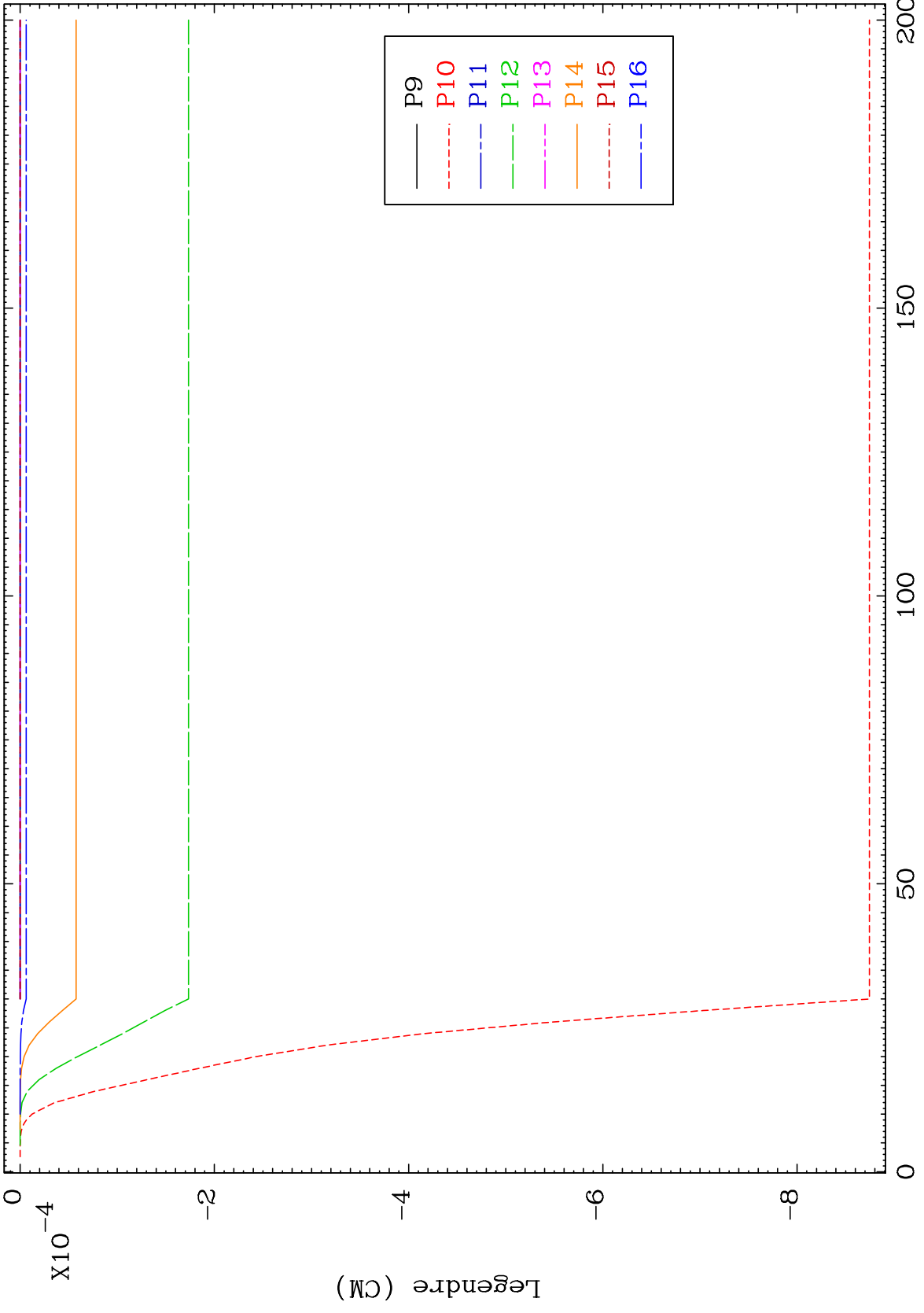
Legendre (CM)

MAT 3140 MT= 60 (n,n') Level Legendre Coefficients 31-Ga-74



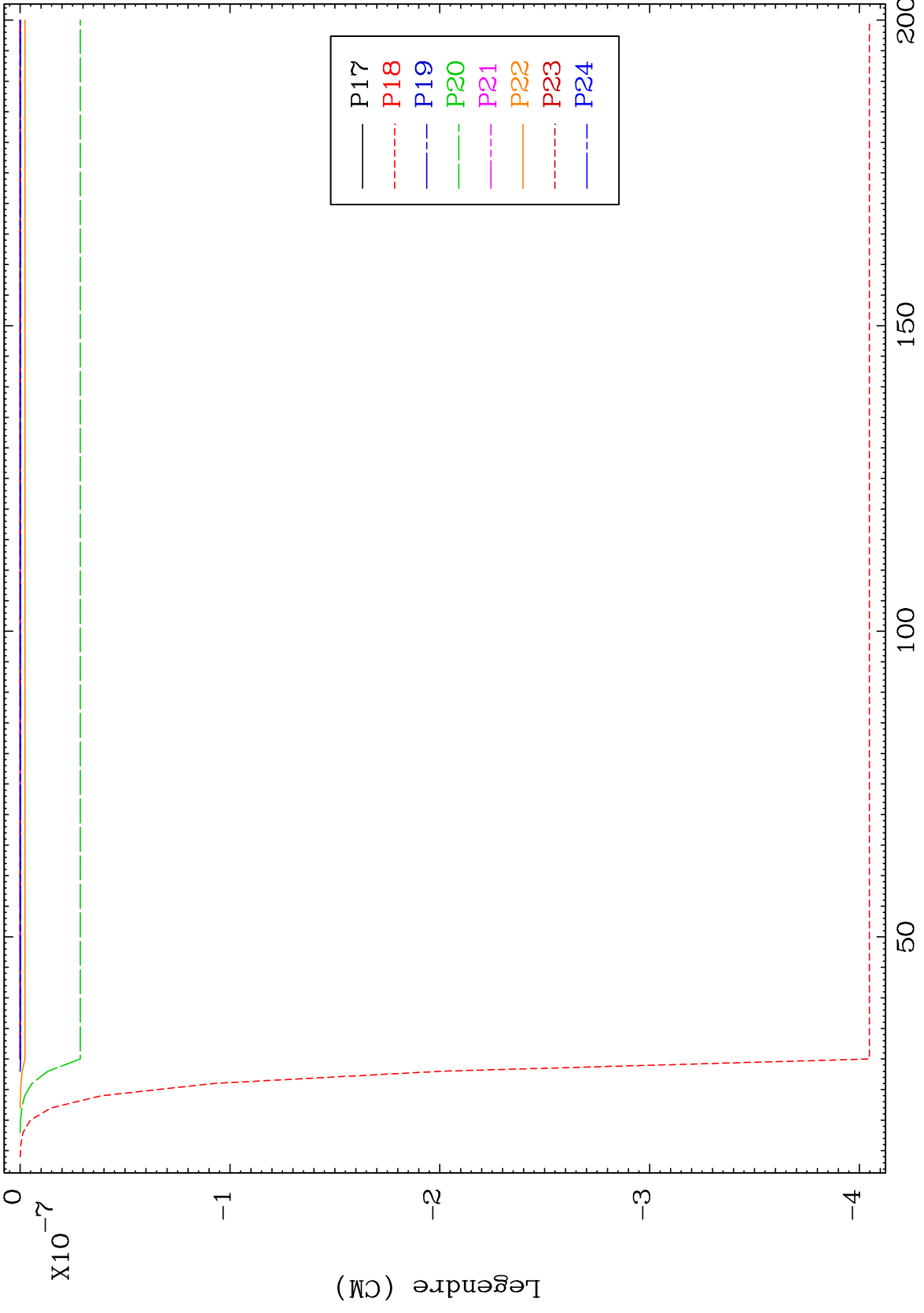
51 Incident Energy (MeV) 31-Ga-74

MAT 3140 MT= 61 (n,n') Level Legendre Coefficients 31-Ga-74



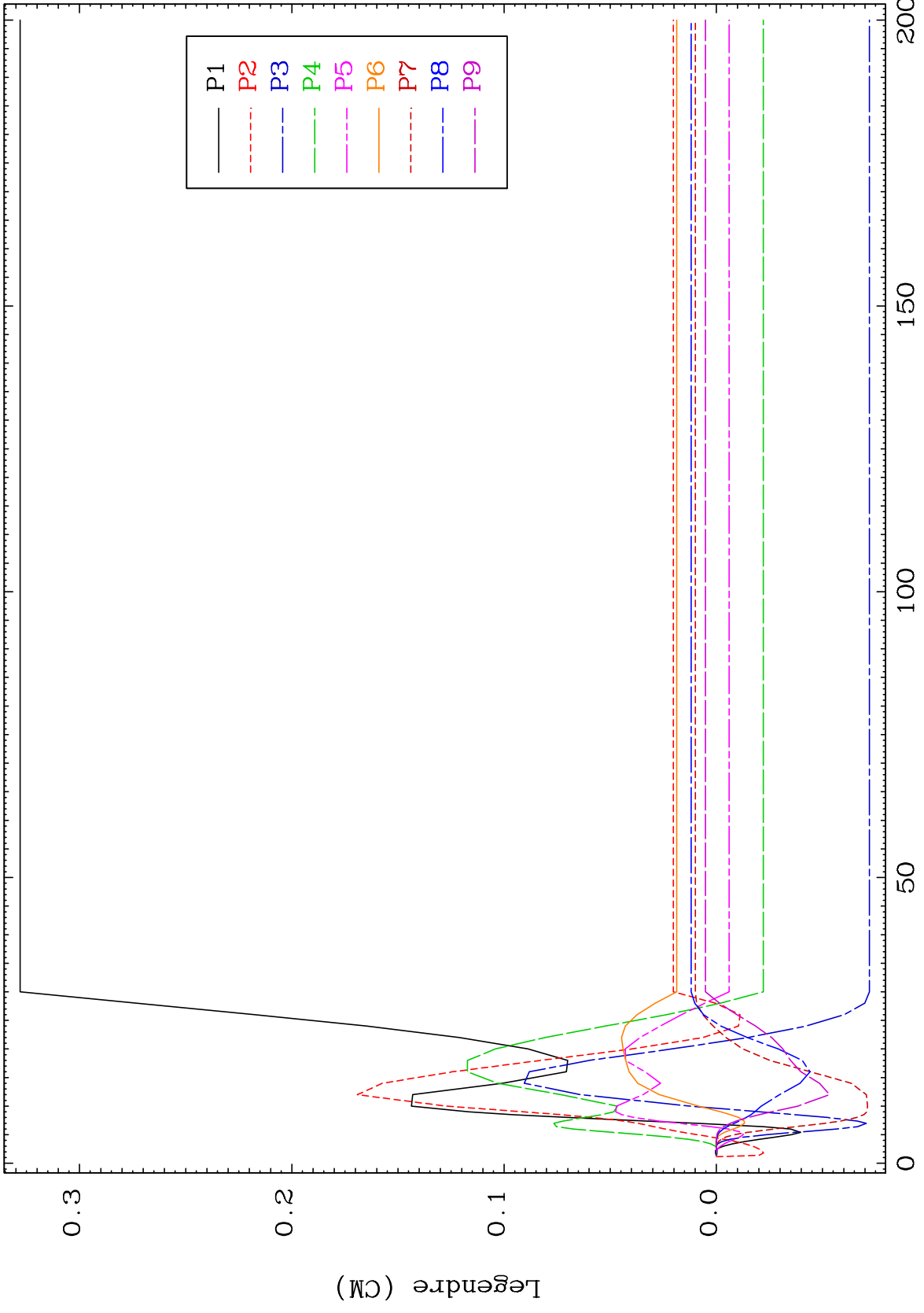
53 31-Ga-74

MAT 3140 MT= 61 (n,n') Level Legendre Coefficients 31-Ga-74



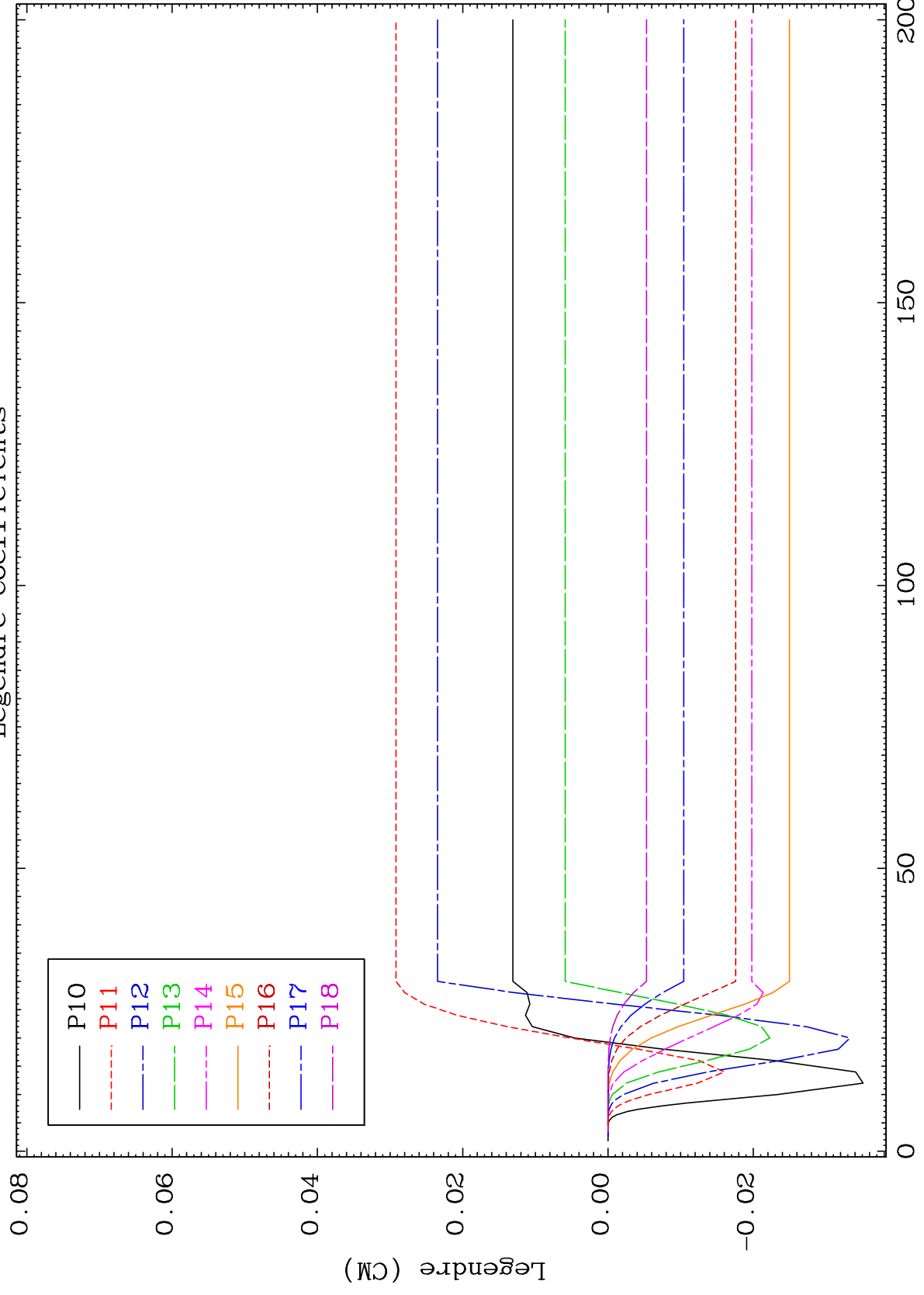
54 31-Ga-74

MAT 3140 MT= 62 (n,n') Level Legendre Coefficients 31-Ga-74



55 Incident Energy (MeV) 31-Ga-74

MAT 3140 MT= 62 (n,n') Level Legendre Coefficients 31-Ga-74

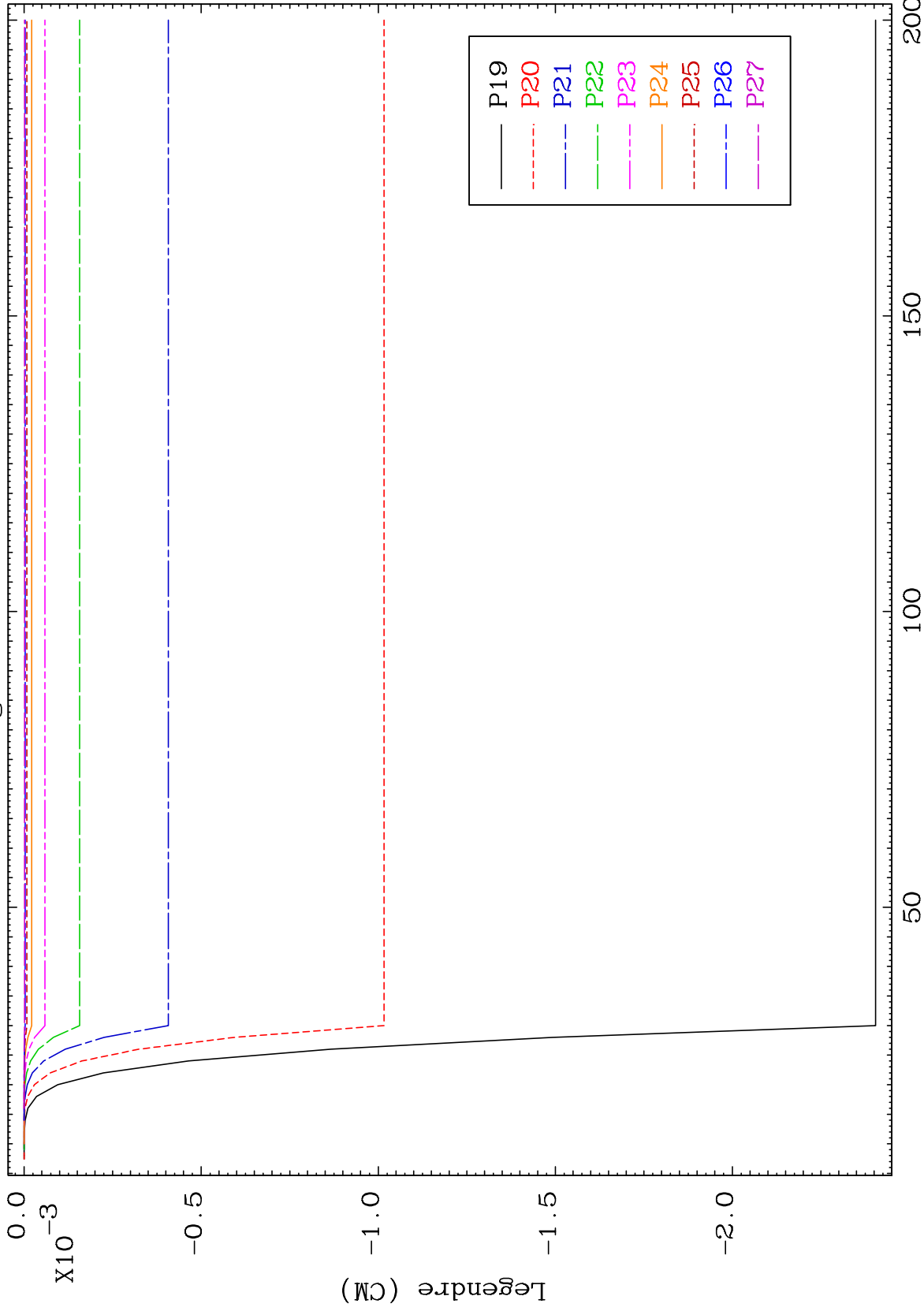


31-Ga-74 Incident Energy (MeV)

MAT 3140

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

31-Ga-74



31-Ga-74

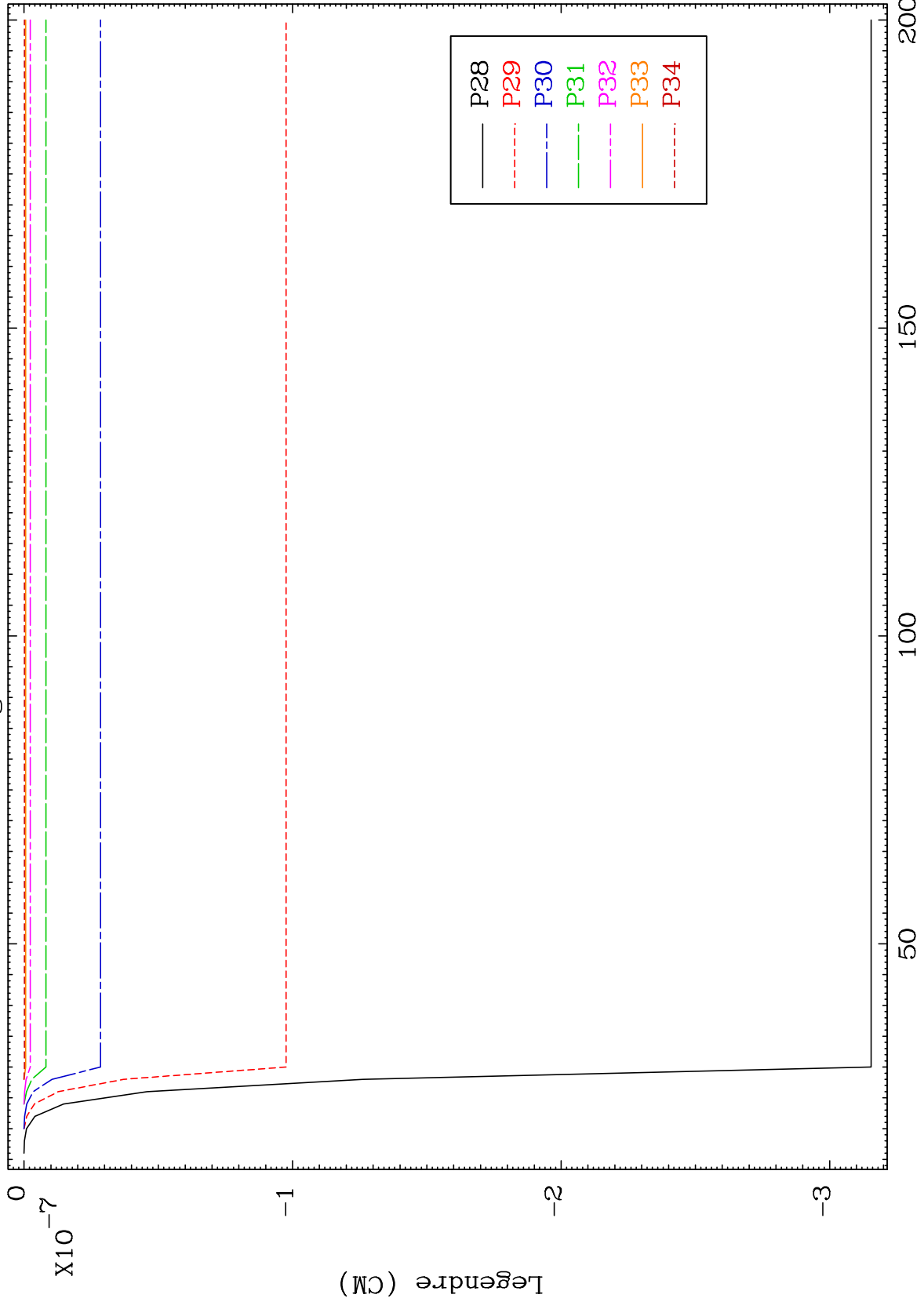
Incident Energy (MeV)

57

MAT 3140

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

31-Ga-74

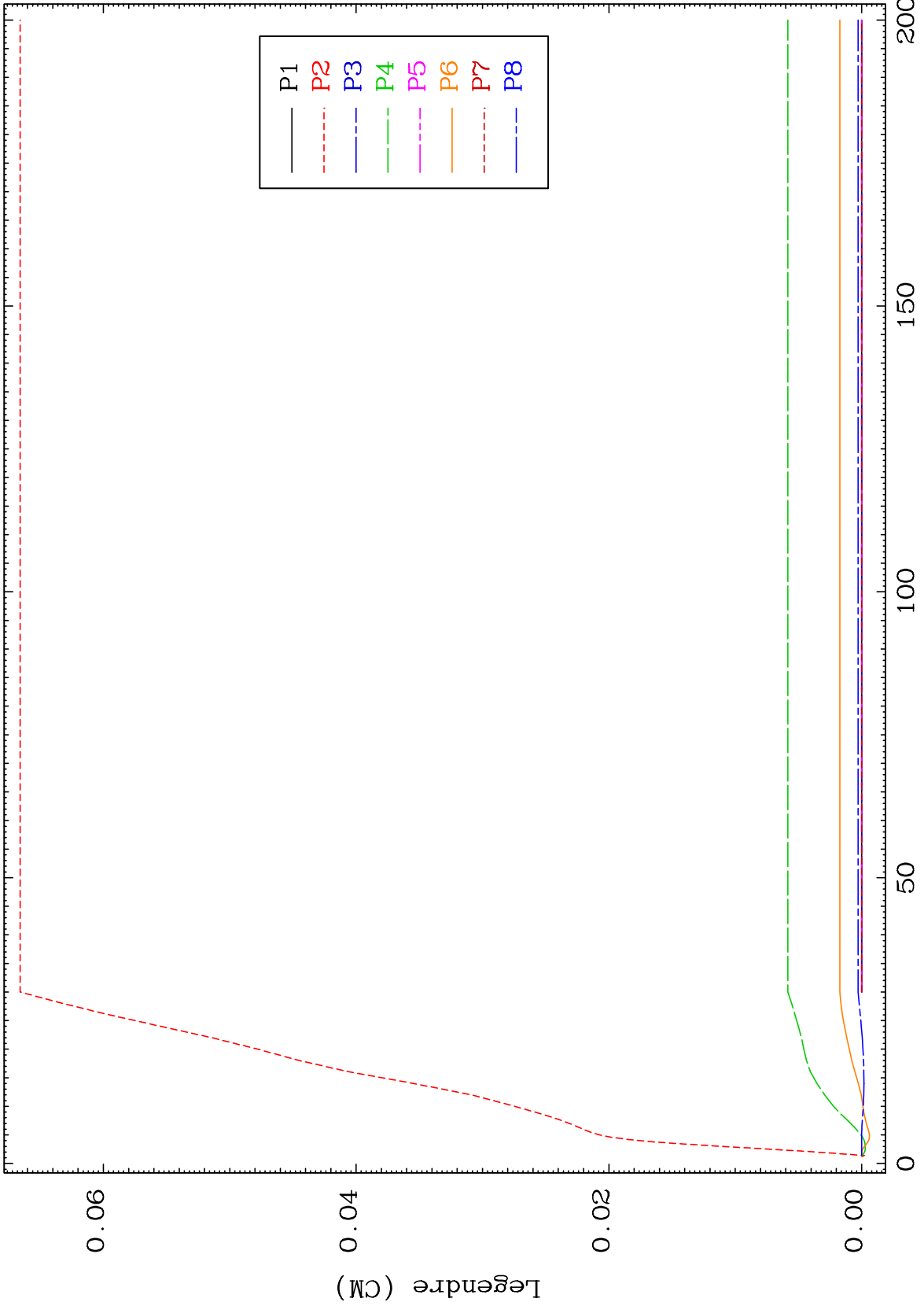


58

31-Ga-74

200

MAT 3140 MT= 63 (n,n') Level Legendre Coefficients 31-Ga-74

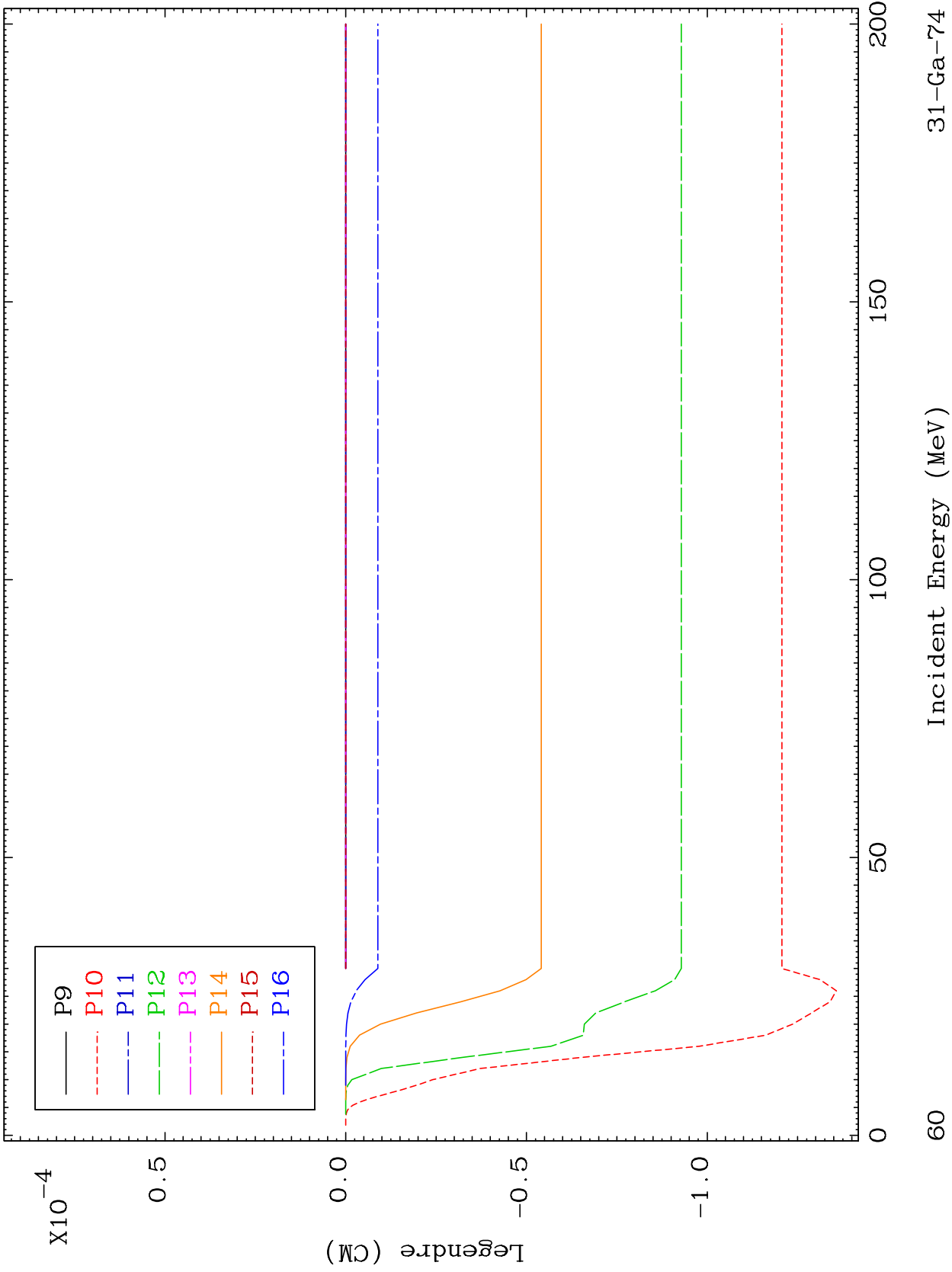


59 Incident Energy (MeV) 31-Ga-74

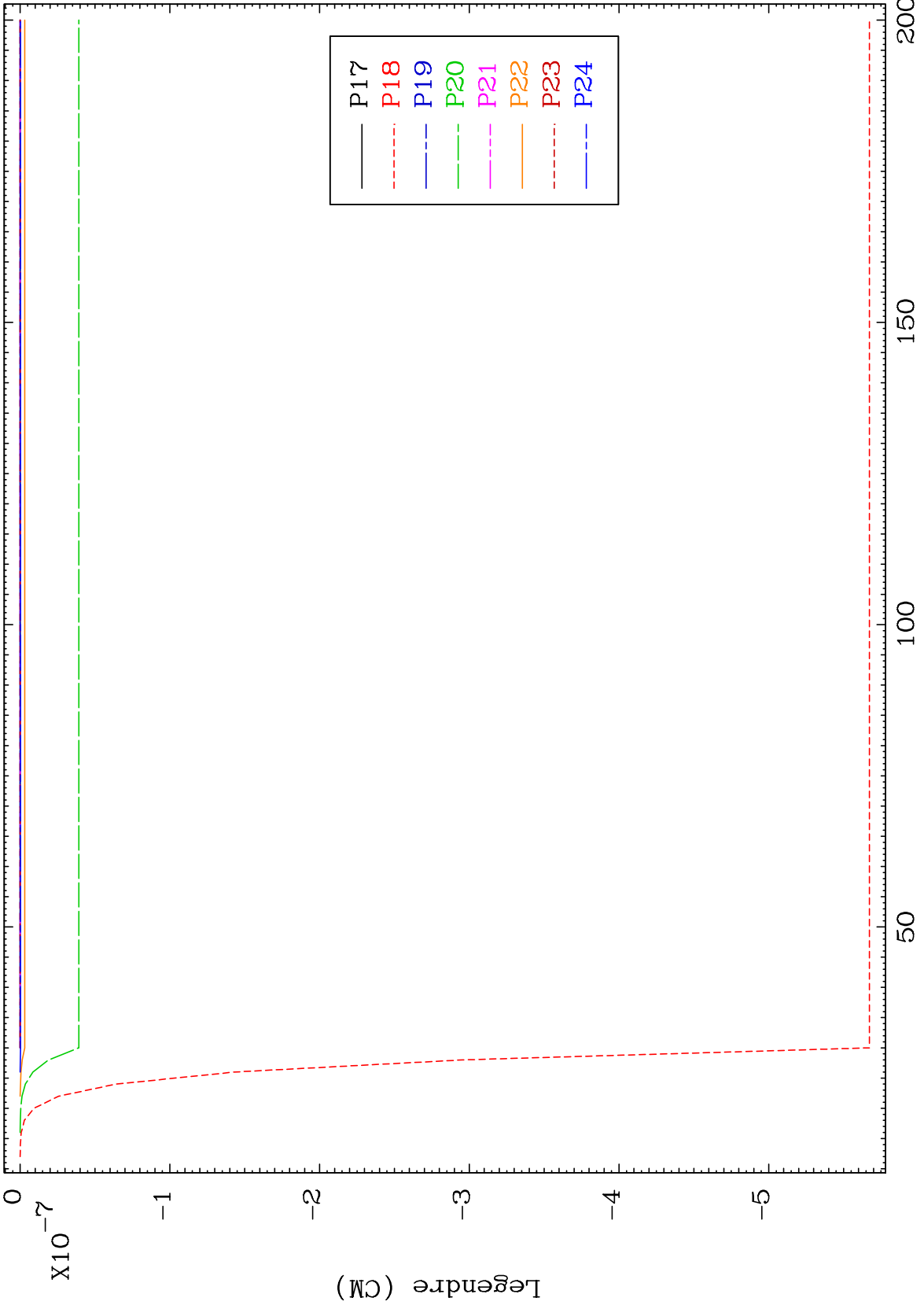
MAT 3140

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

31-Ga-74



MAT 3140 MT= 63 (n,n') Level Legendre Coefficients 31-Ga-74

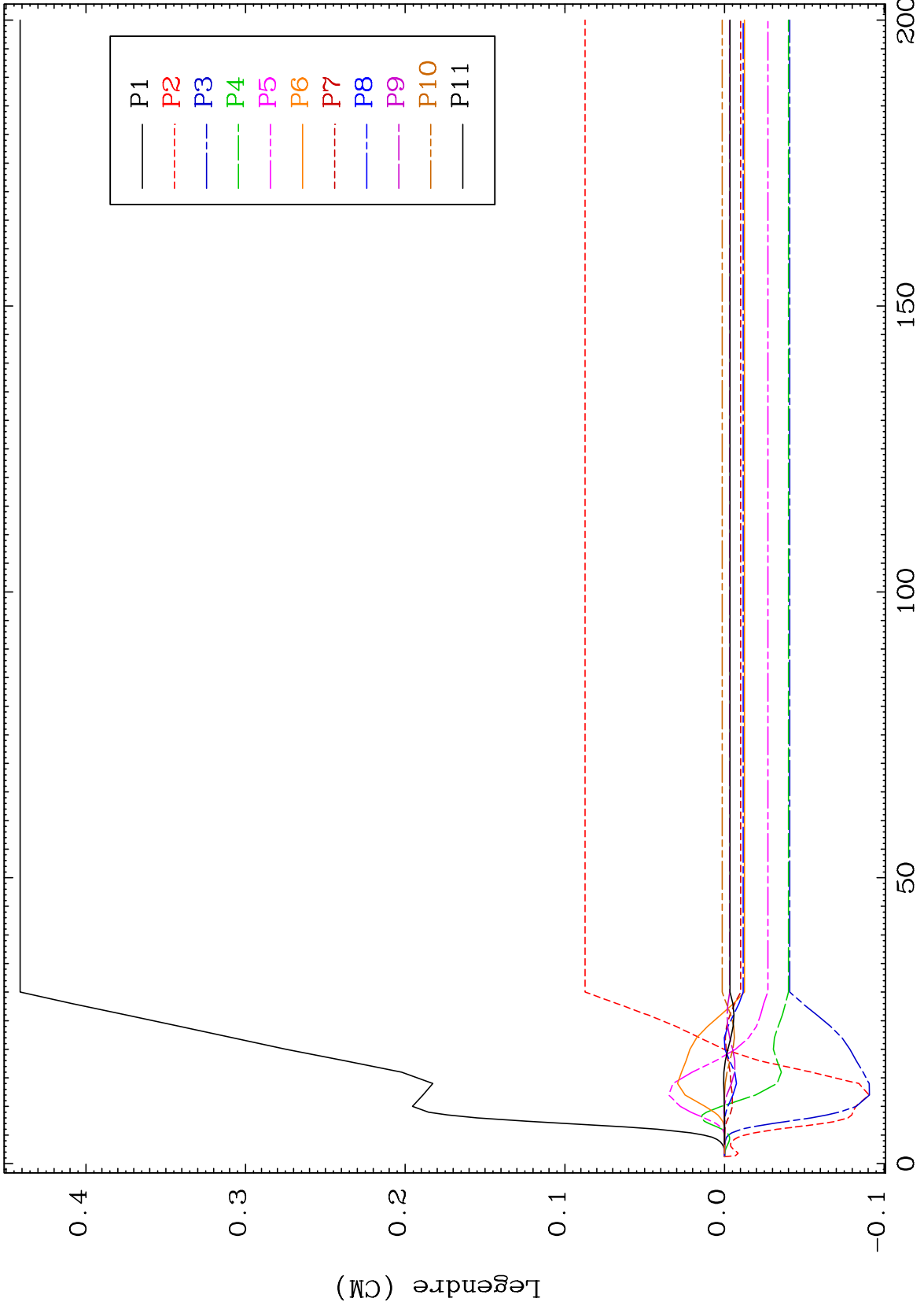


61 31-Ga-74

MAT 3140

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

31-Ga-74



62

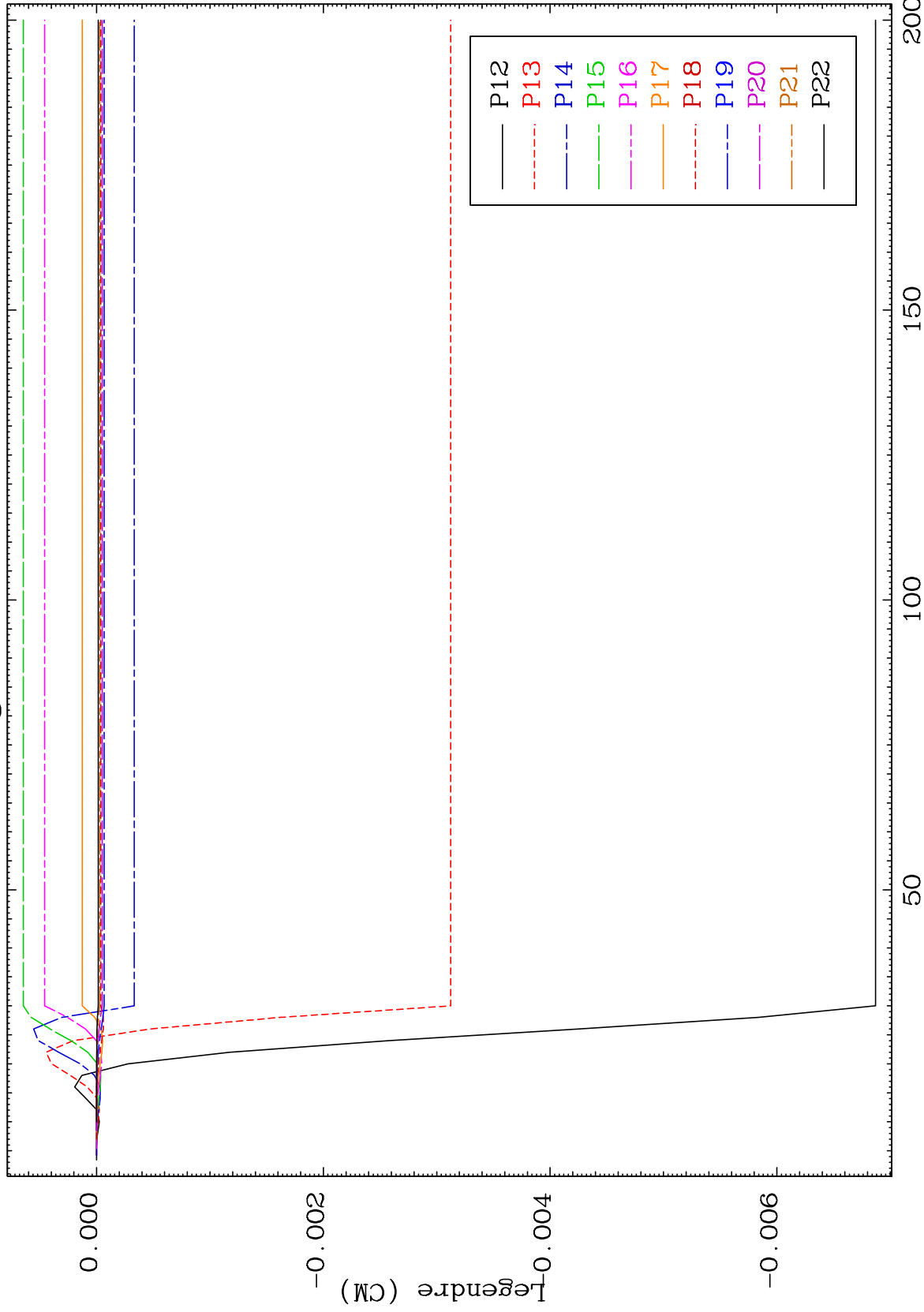
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

31-Ga-74



63

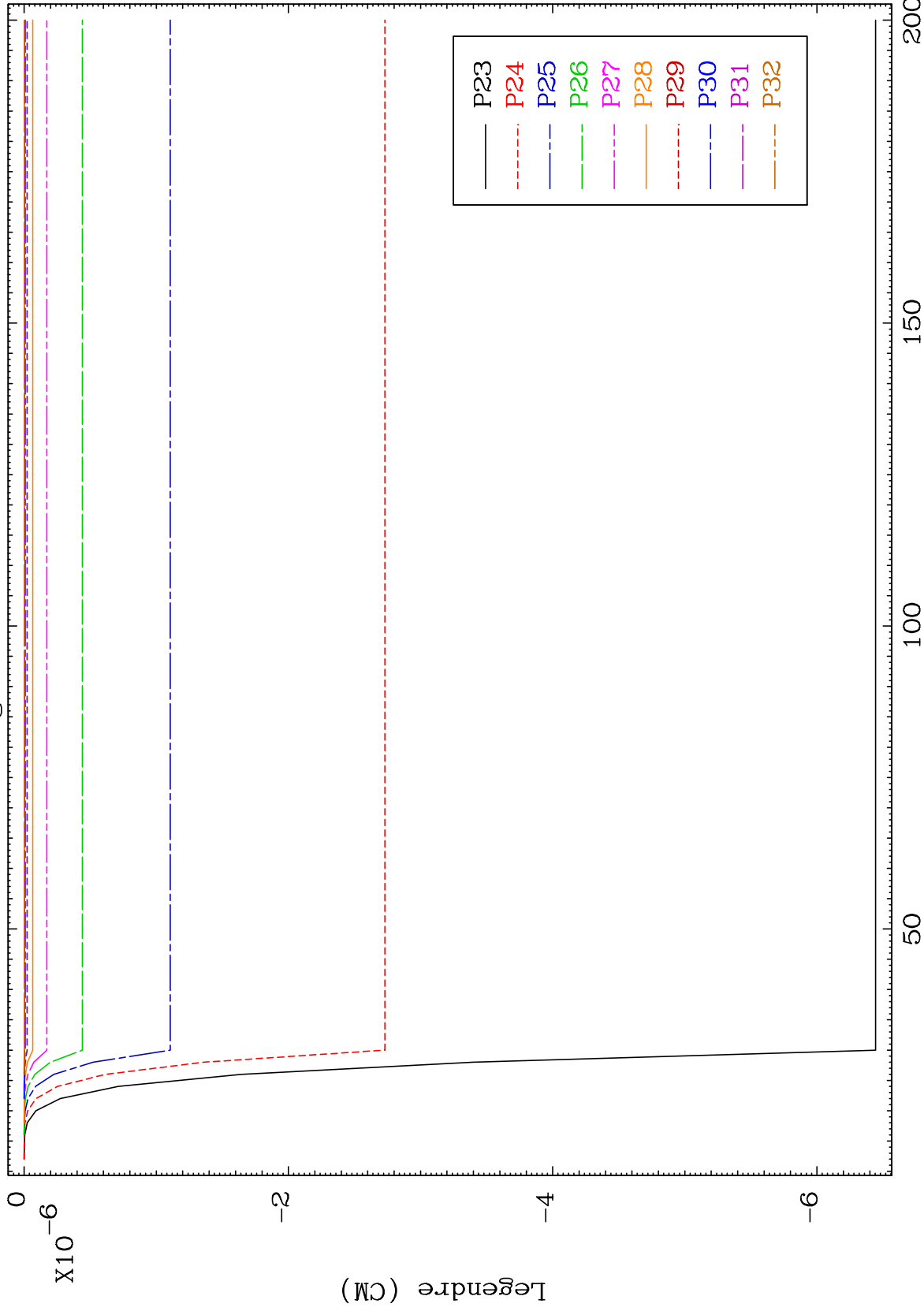
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

31-Ga-74



31-Ga-74

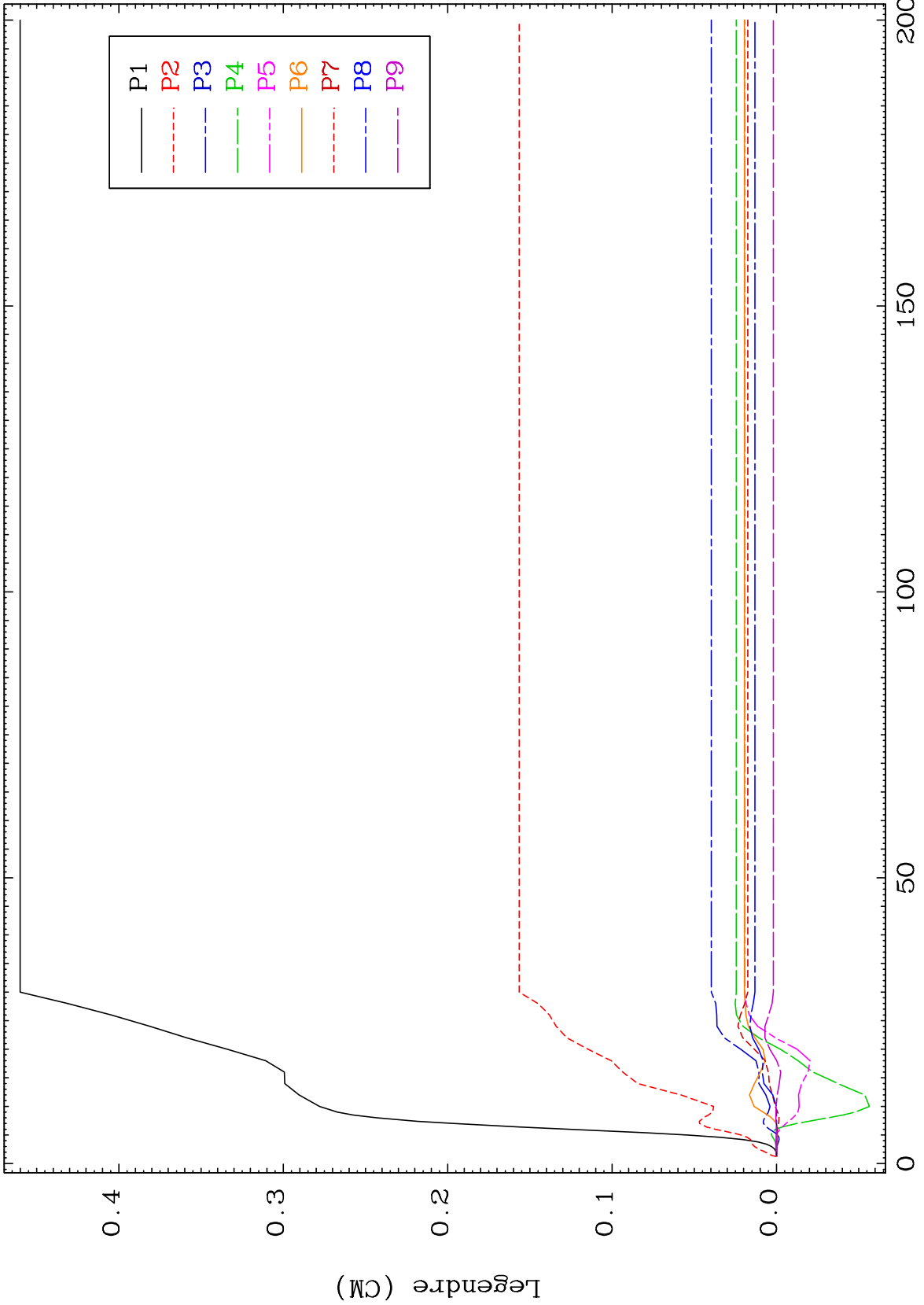
Incident Energy (MeV)

64

MAT 3140

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

31-Ga-74



65

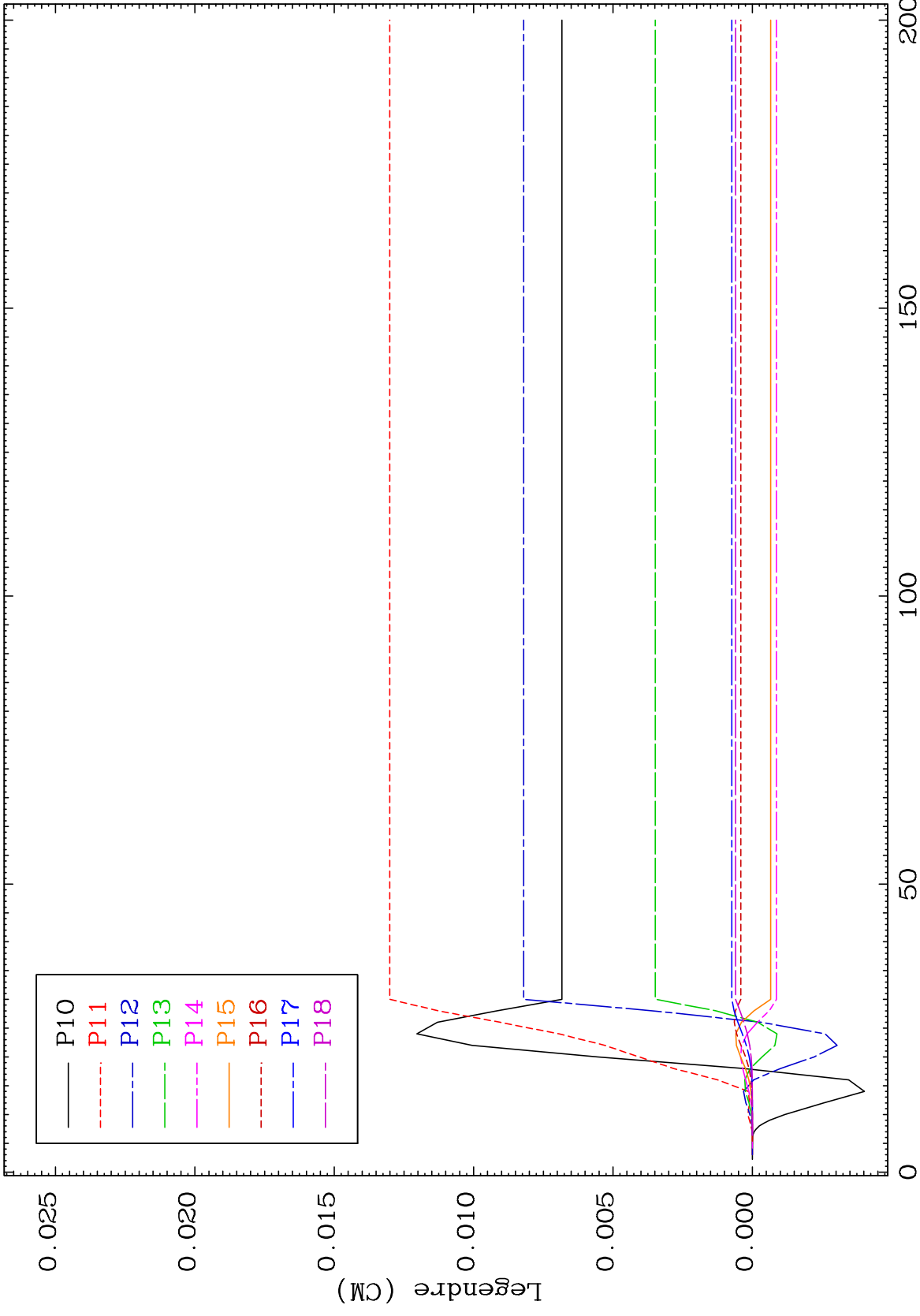
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

31-Ga-74



66

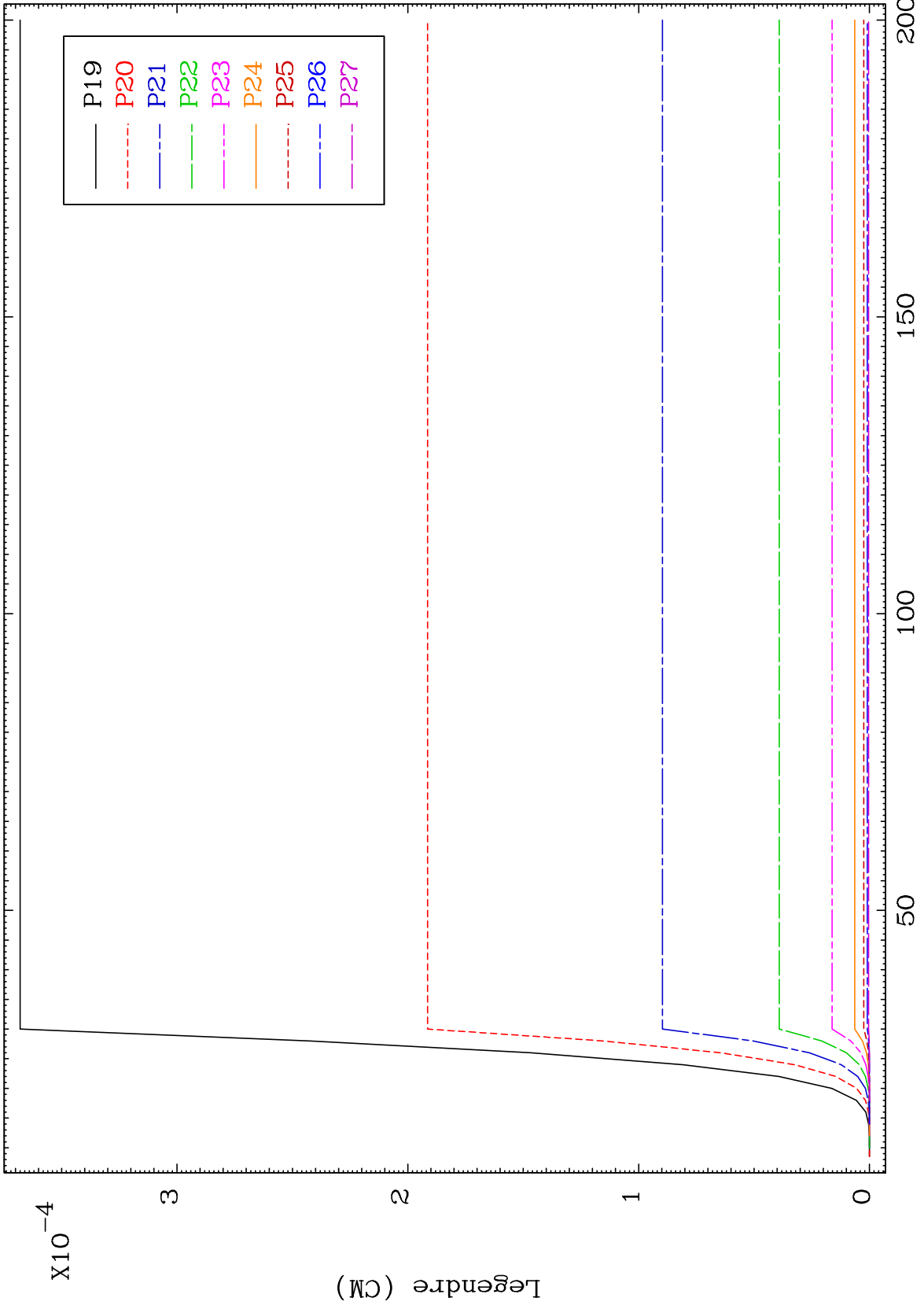
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

31-Ga-74



67

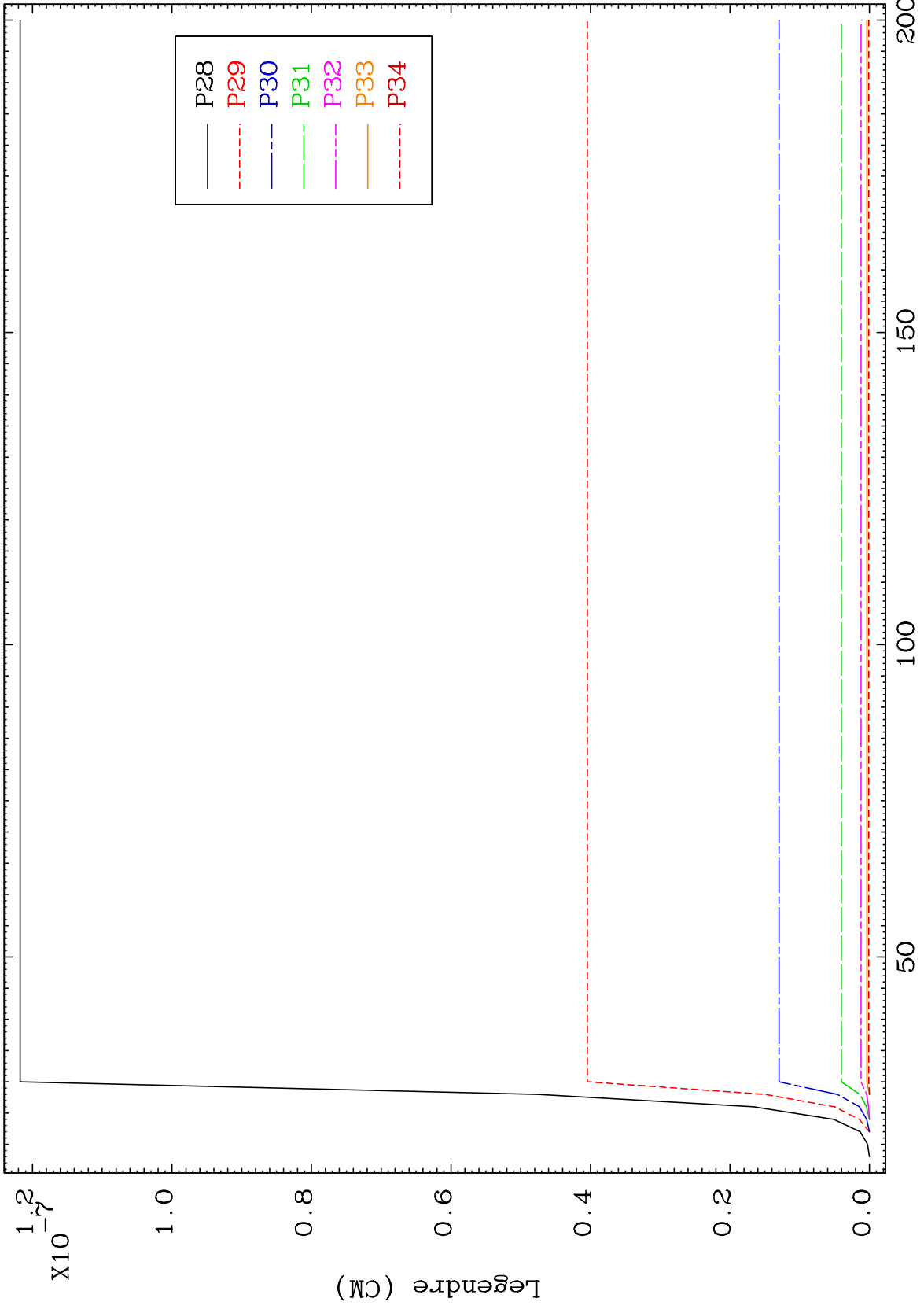
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

31-Ga-74



68

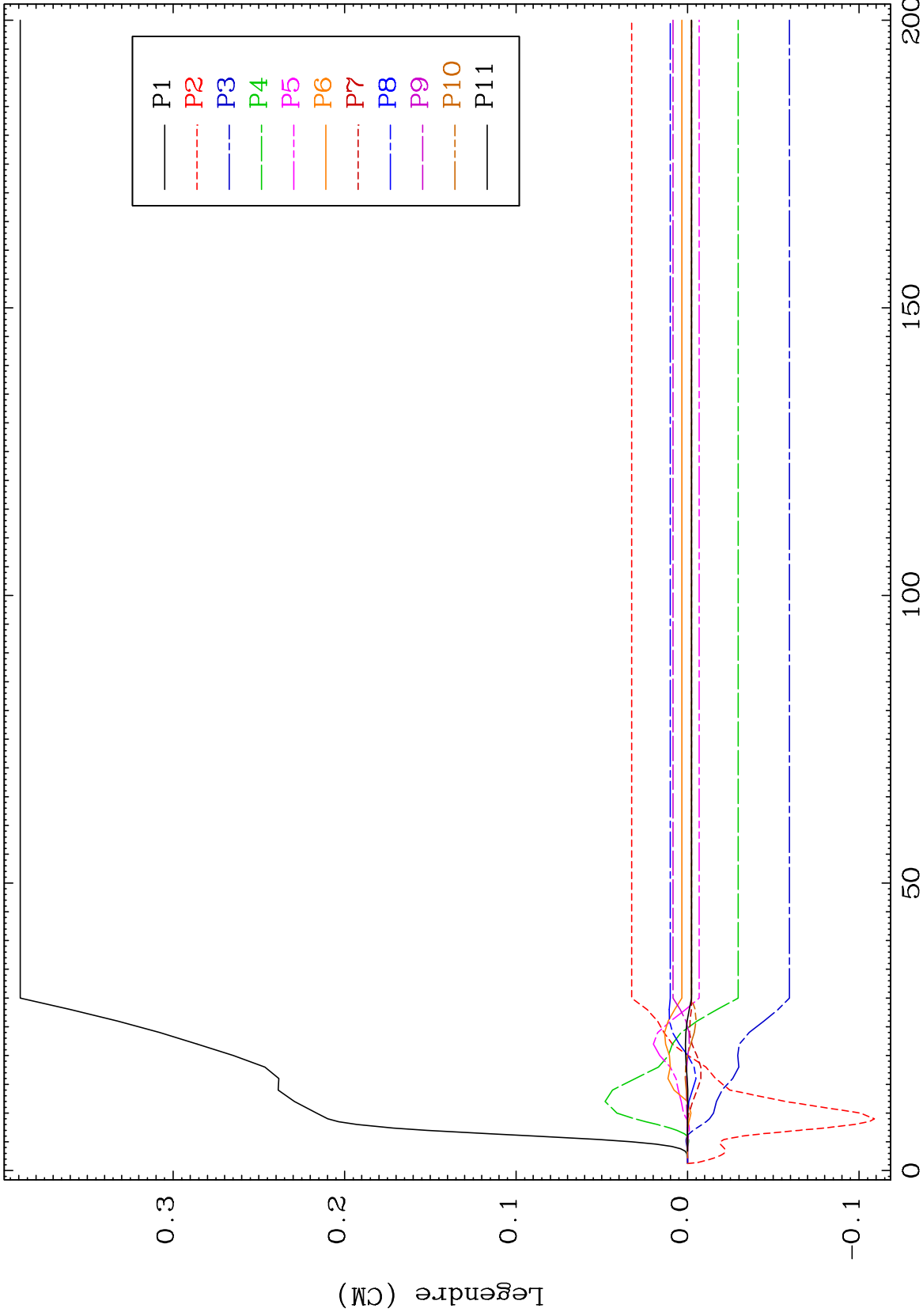
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

31-Ga-74



69

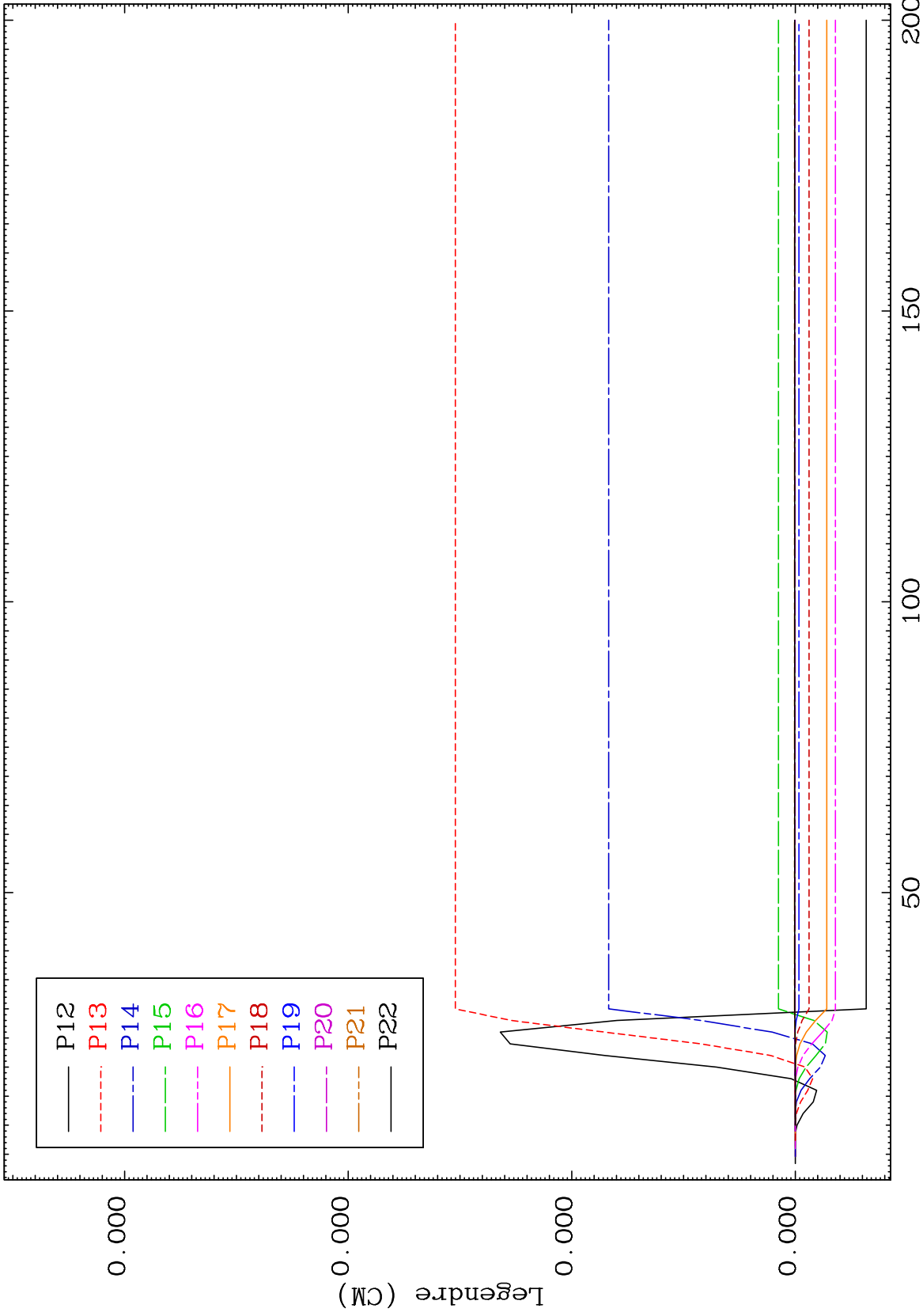
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

31-Ga-74



70

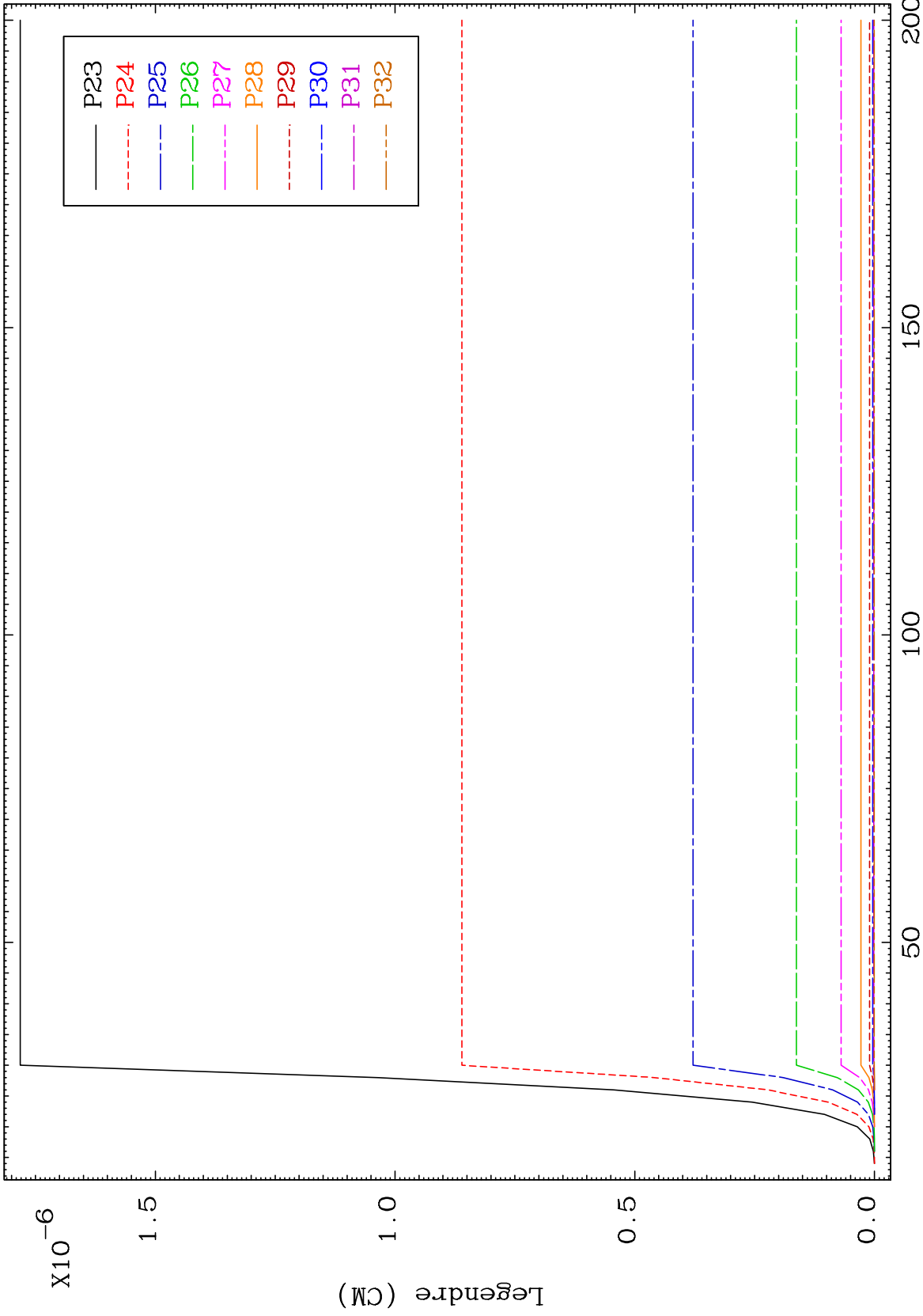
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

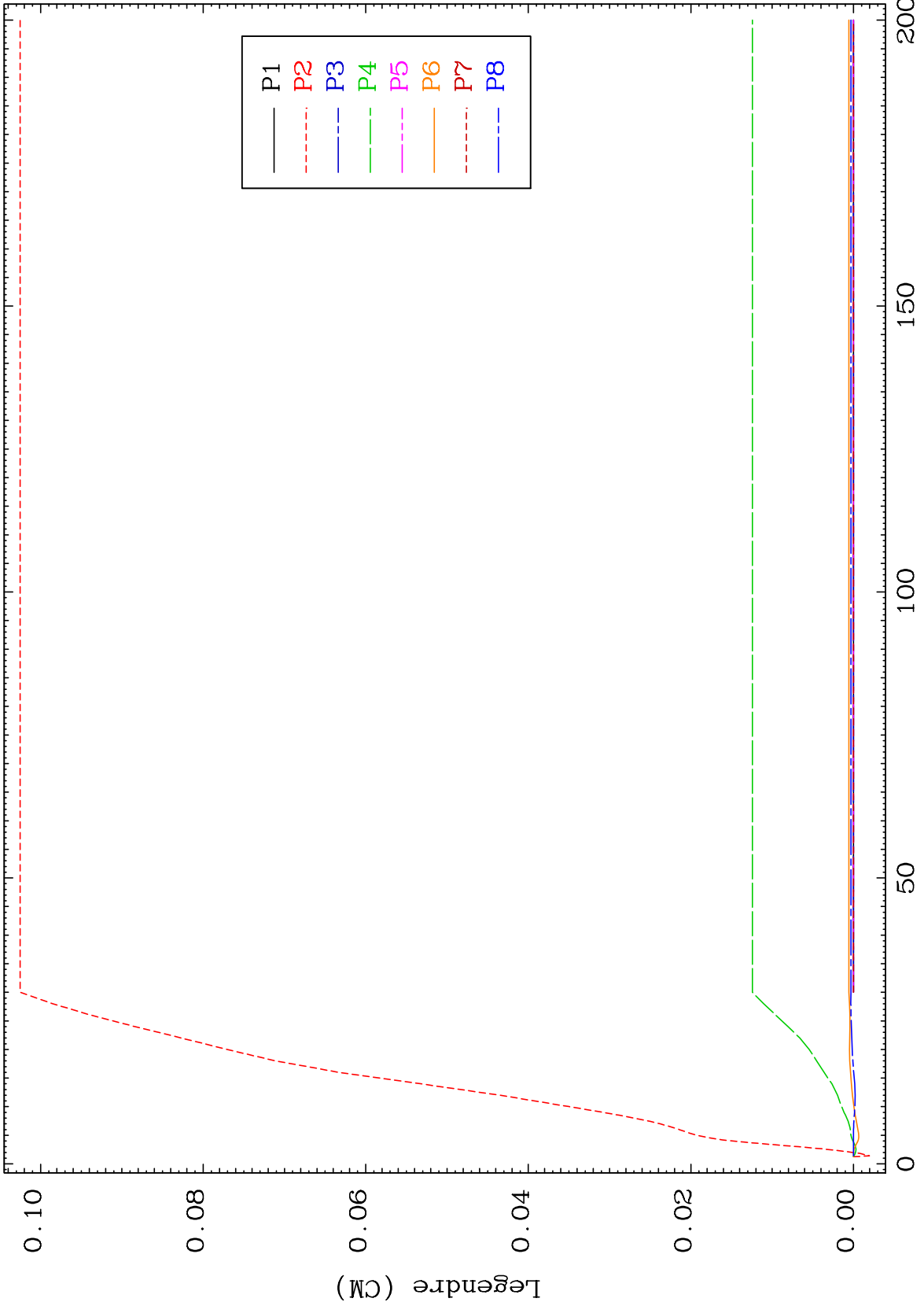
31-Ga-74



71

31-Ga-74

MAT 3140 MT= 67 (n,n') Level Legendre Coefficients 31-Ga-74

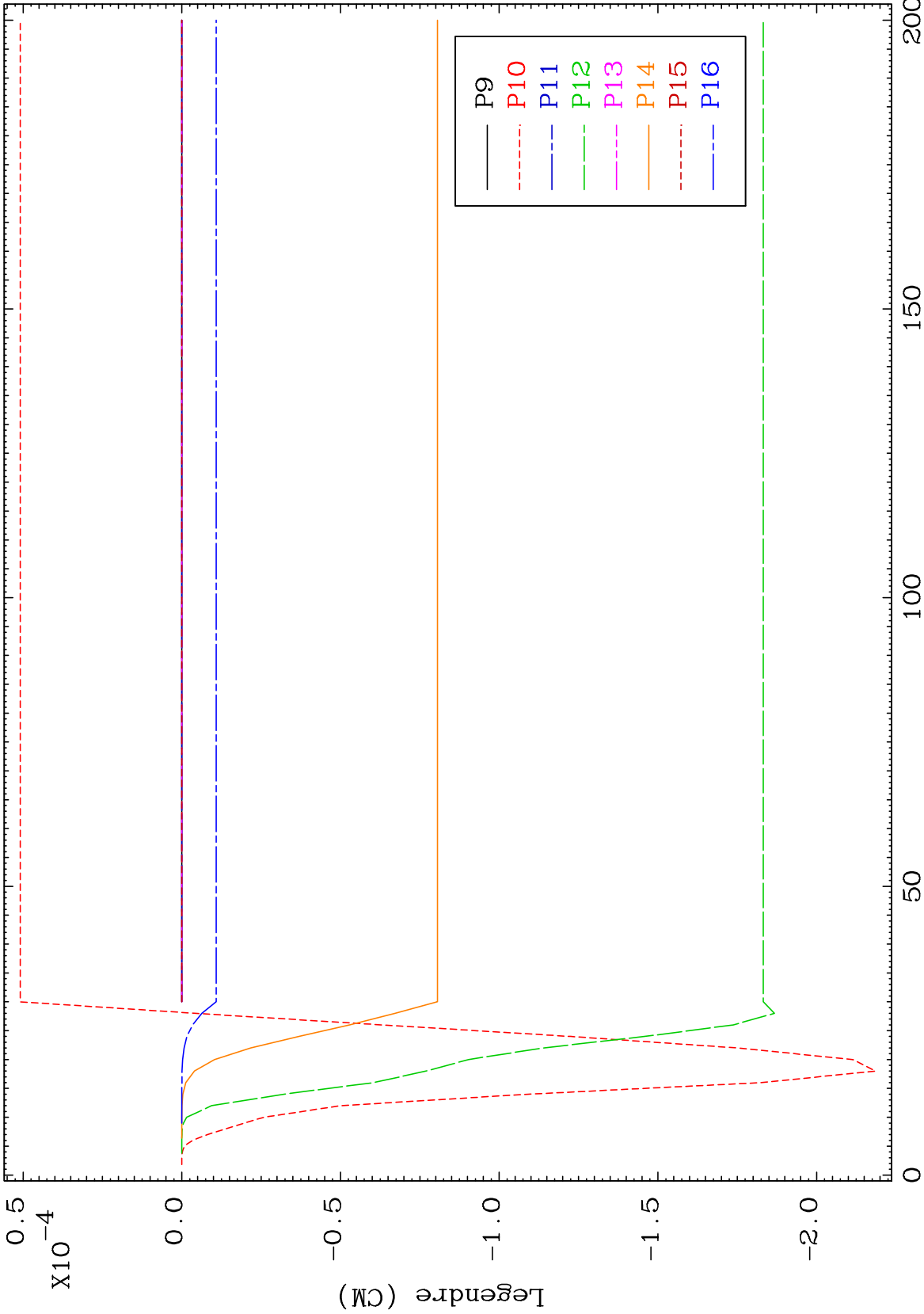


72 Incident Energy (MeV) 31-Ga-74

MAT 3140

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

31-Ga-74

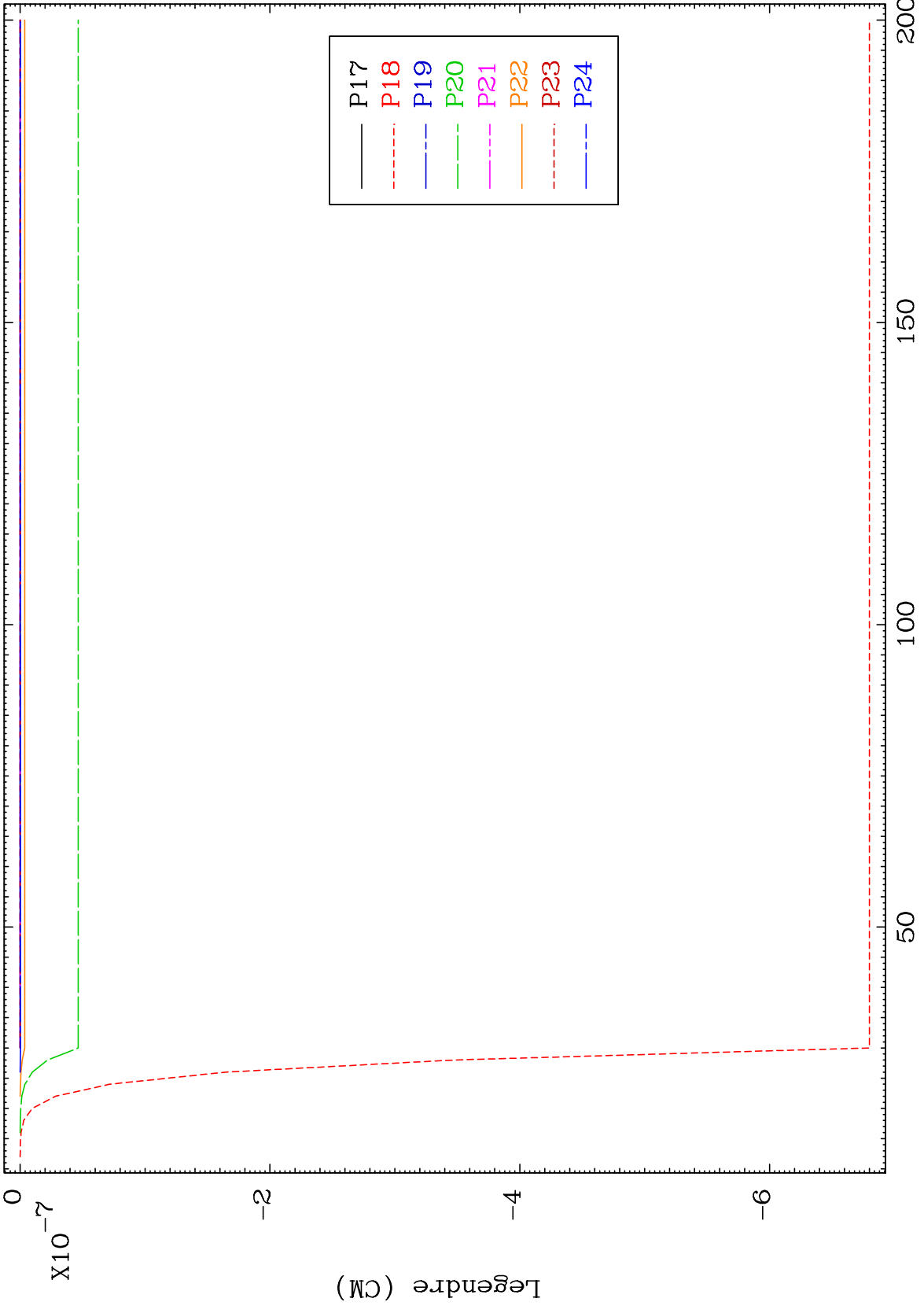


73

Incident Energy (MeV)

31-Ga-74

MAT 3140 MT= 67 (n,n') Level Legendre Coefficients 31-Ga-74

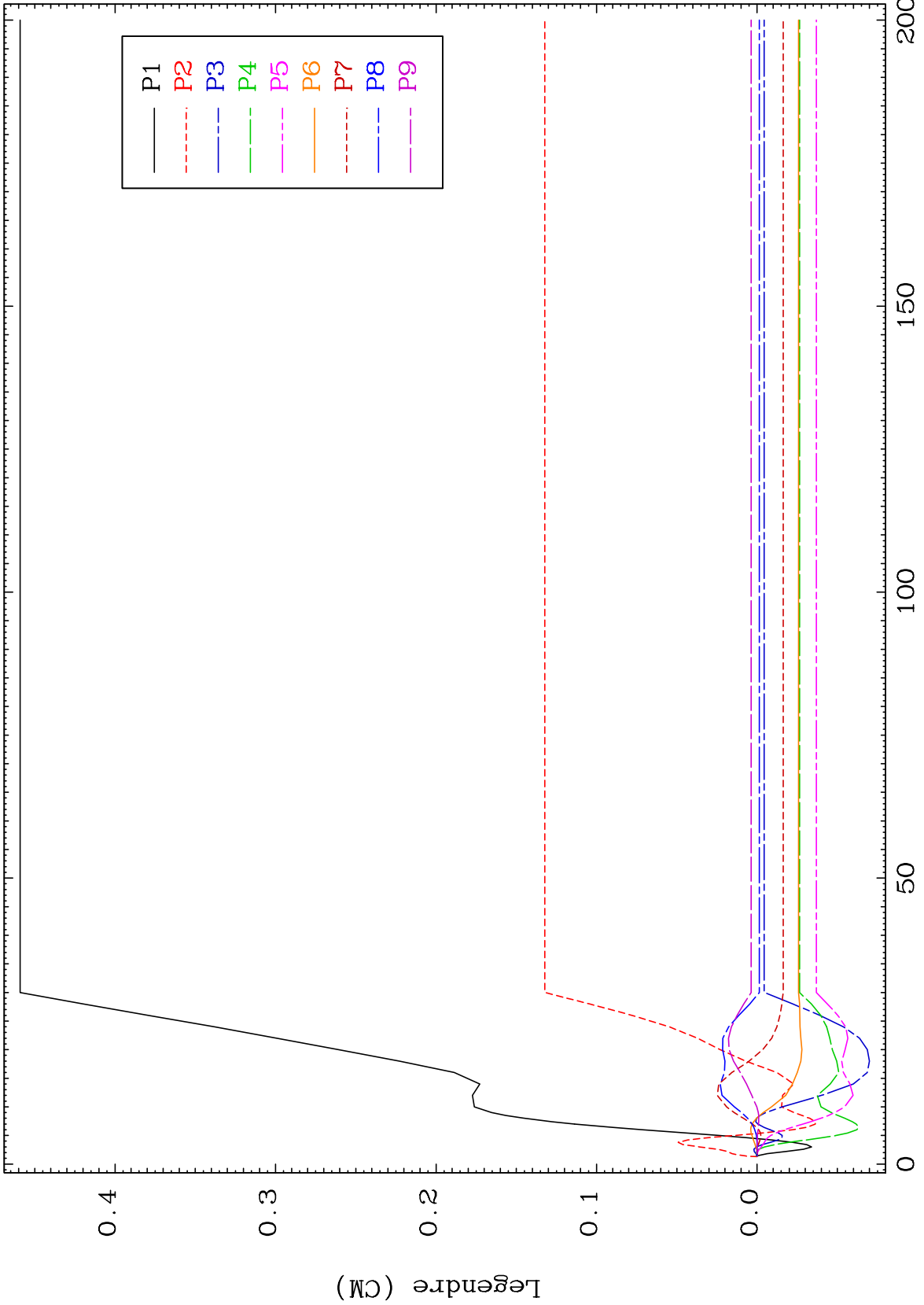


74 31-Ga-74

MAT 3140

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

31-Ga-74



75

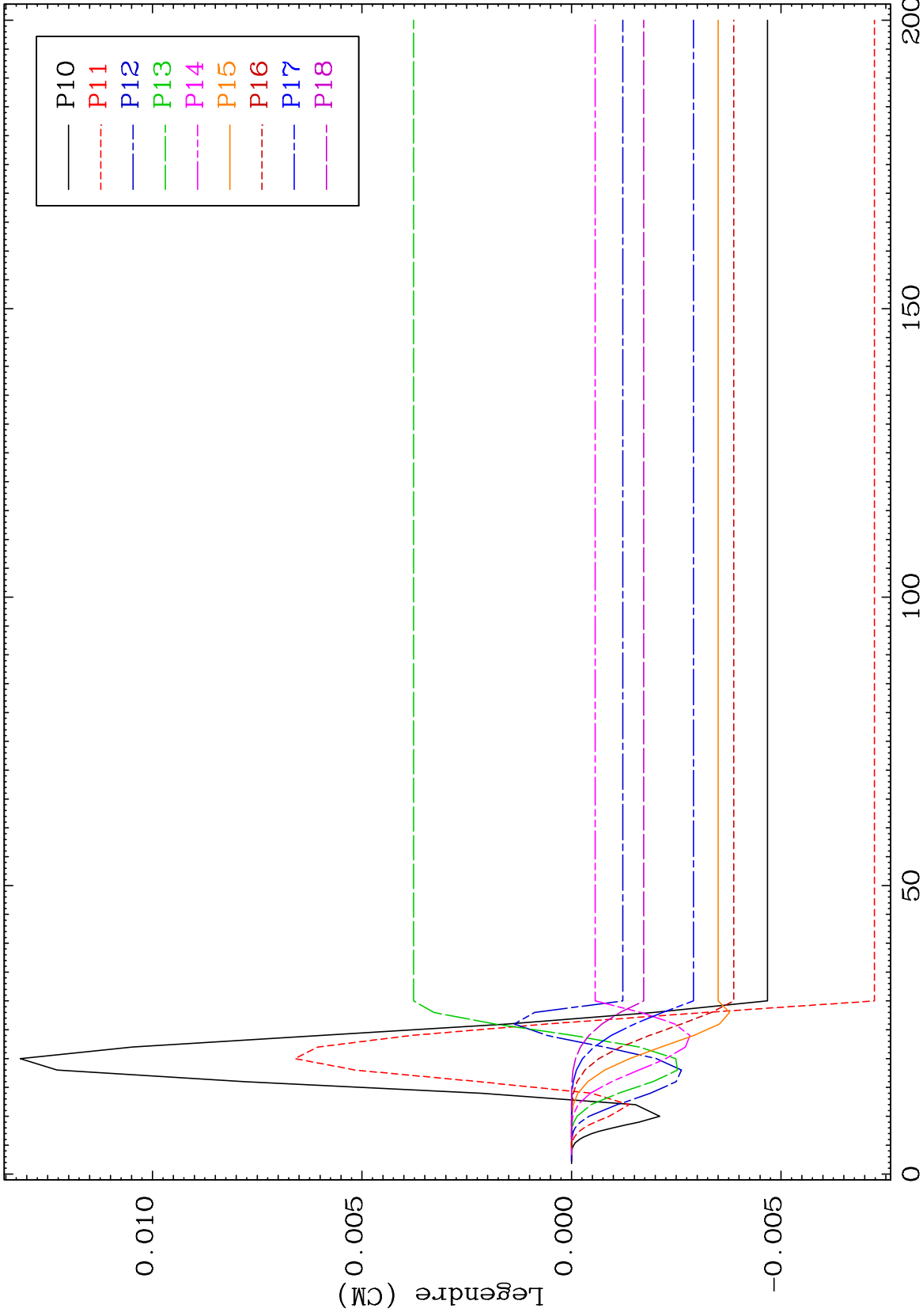
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

31-Ga-74



31-Ga-74

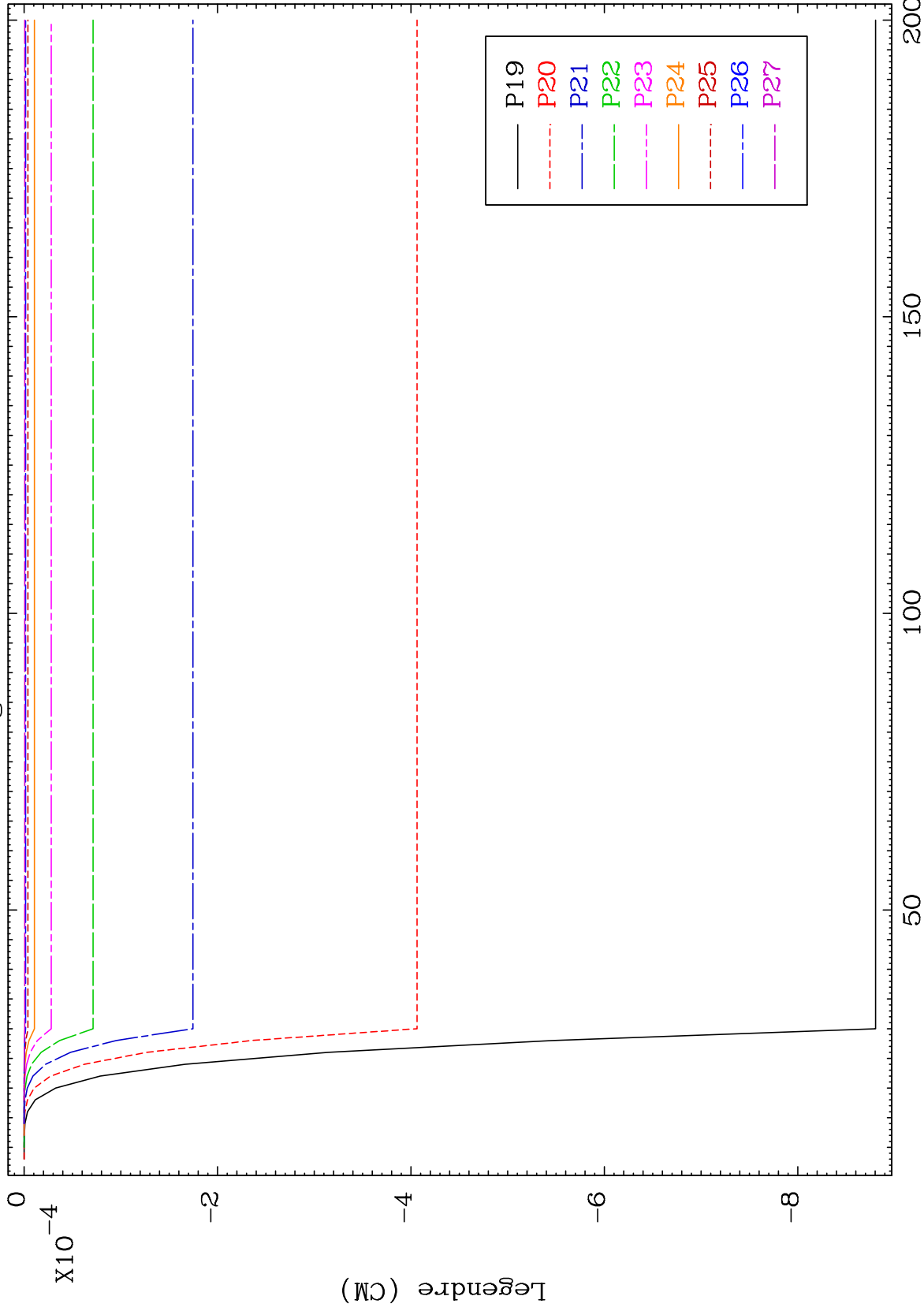
Incident Energy (MeV)

76

MAT 3140

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

31-Ga-74



31-Ga-74

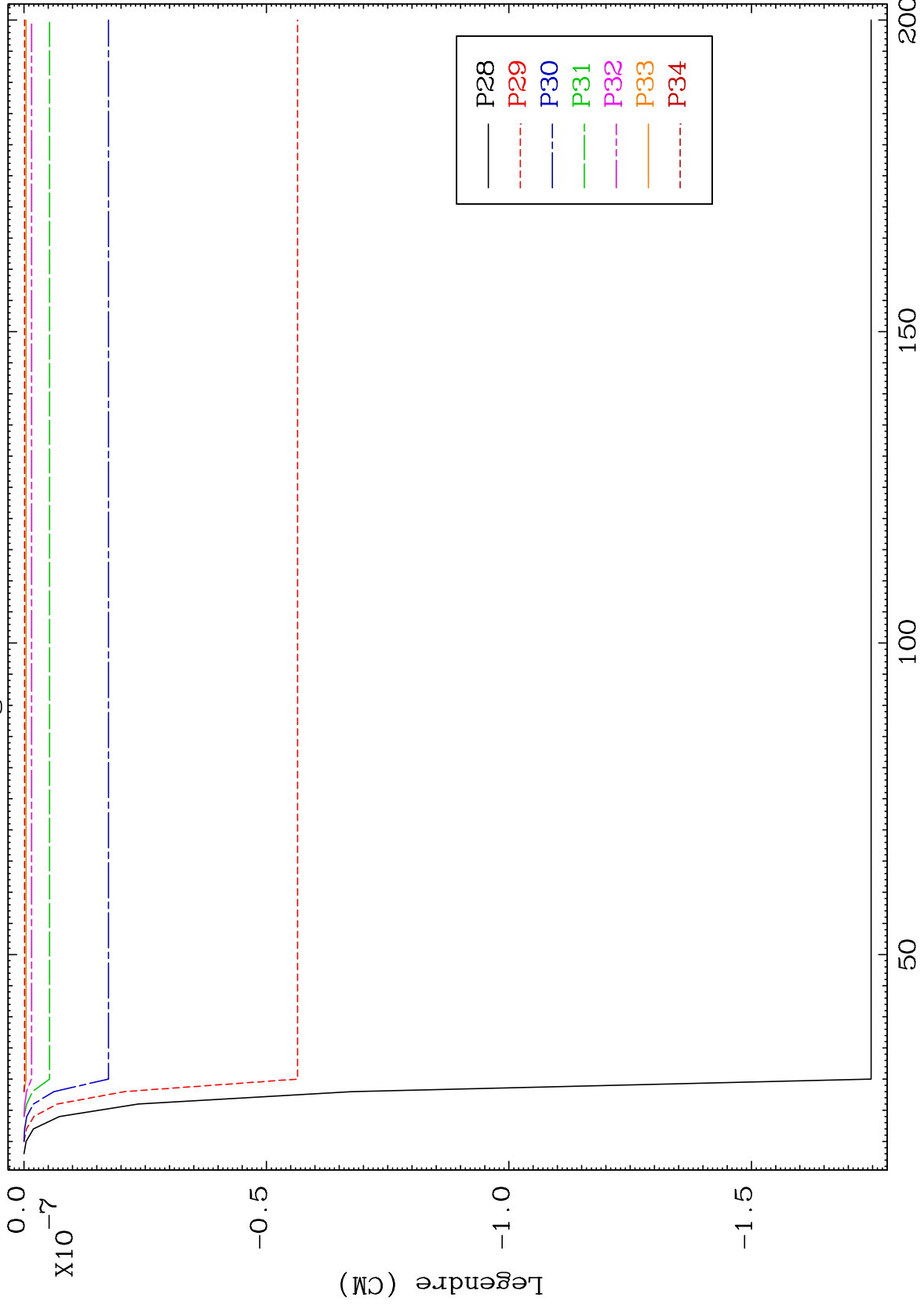
Incident Energy (MeV)

77

MAT 3140

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

31-Ga-74

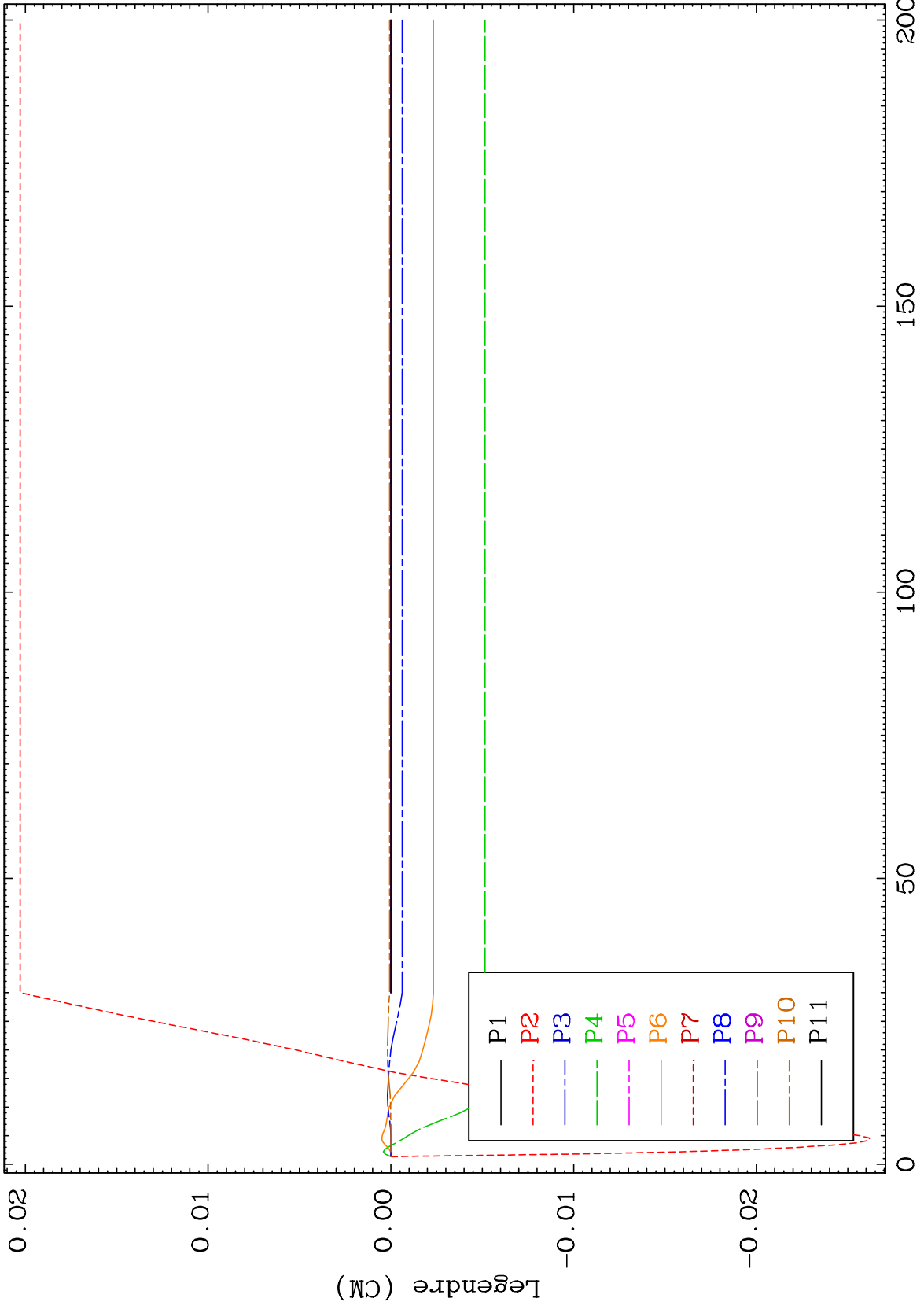


31-Ga-74

Incident Energy (MeV)

78

MAT 3140 MT= 69 (n,n') Level Legendre Coefficients 31-Ga-74



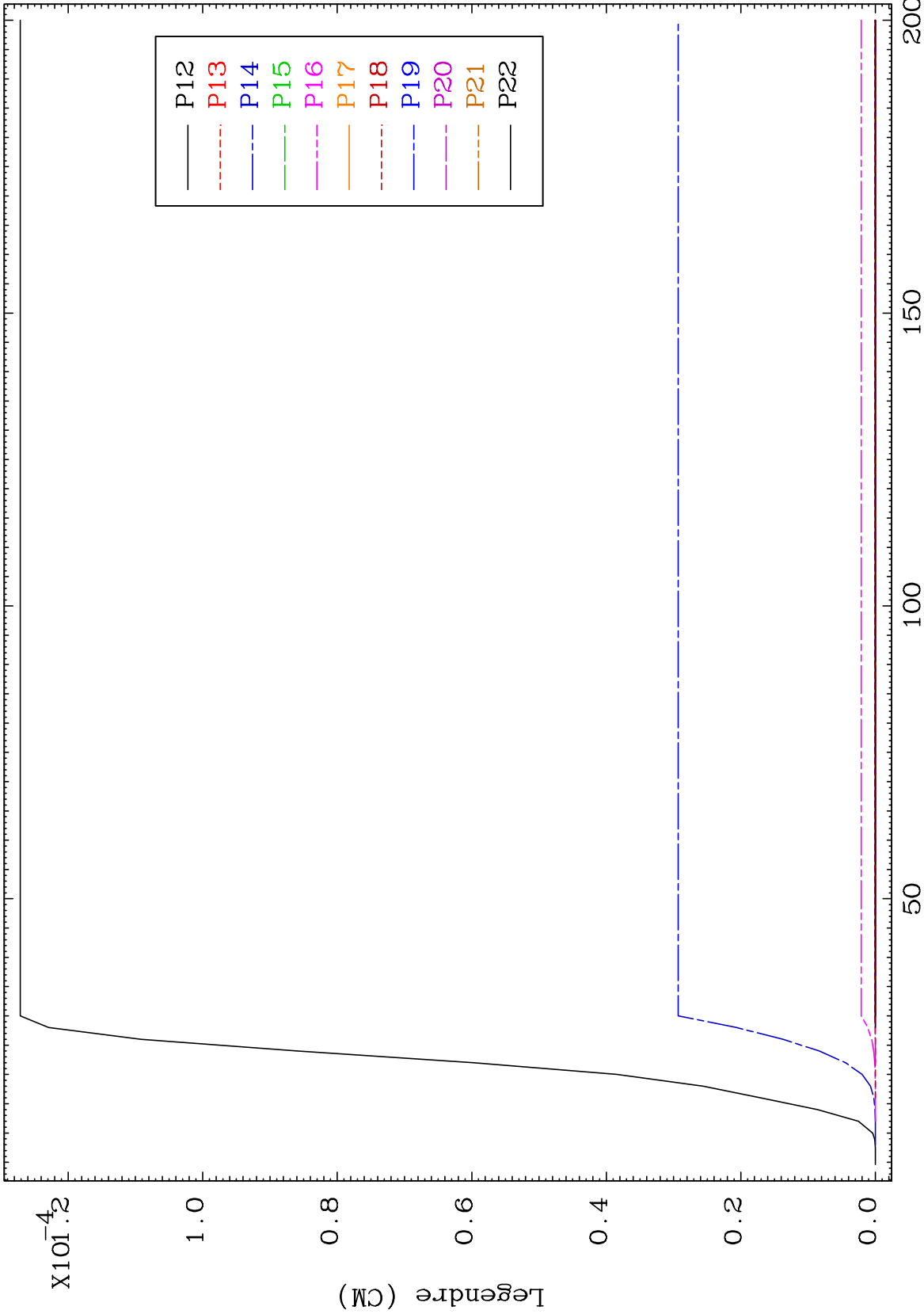
31-Ga-74

79

MAT 3140

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

31-Ga-74

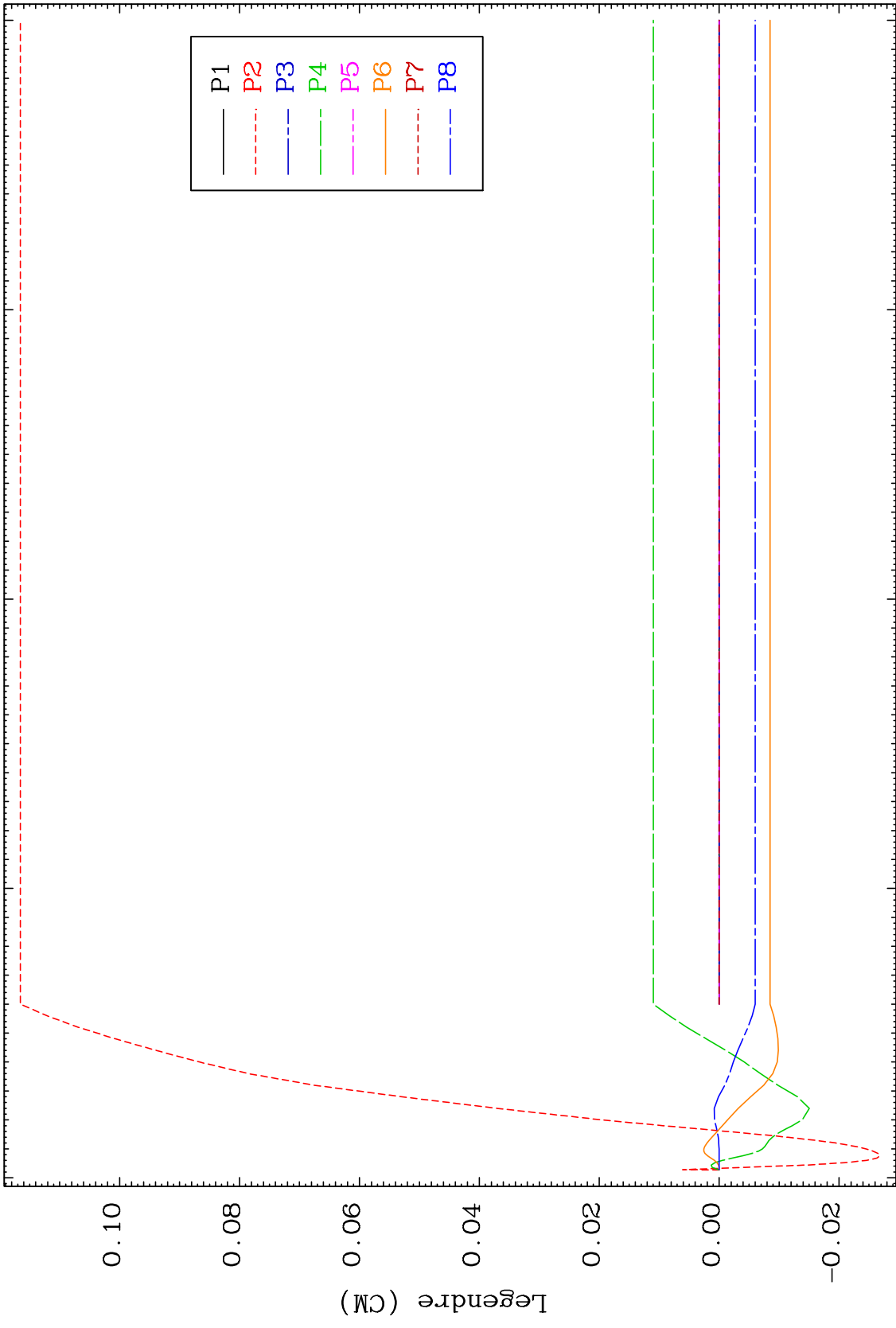


80

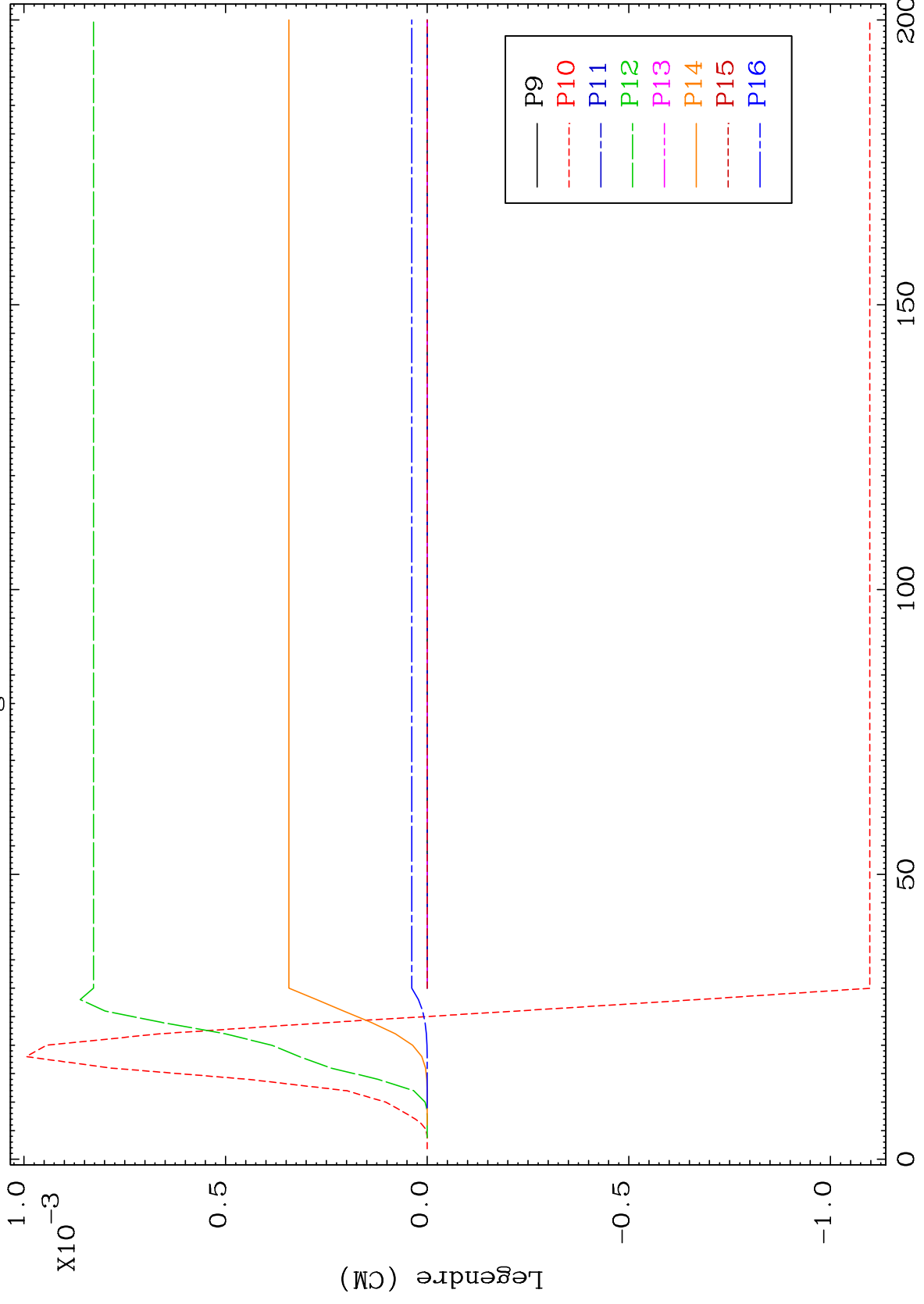
Incident Energy (MeV)

31-Ga-74

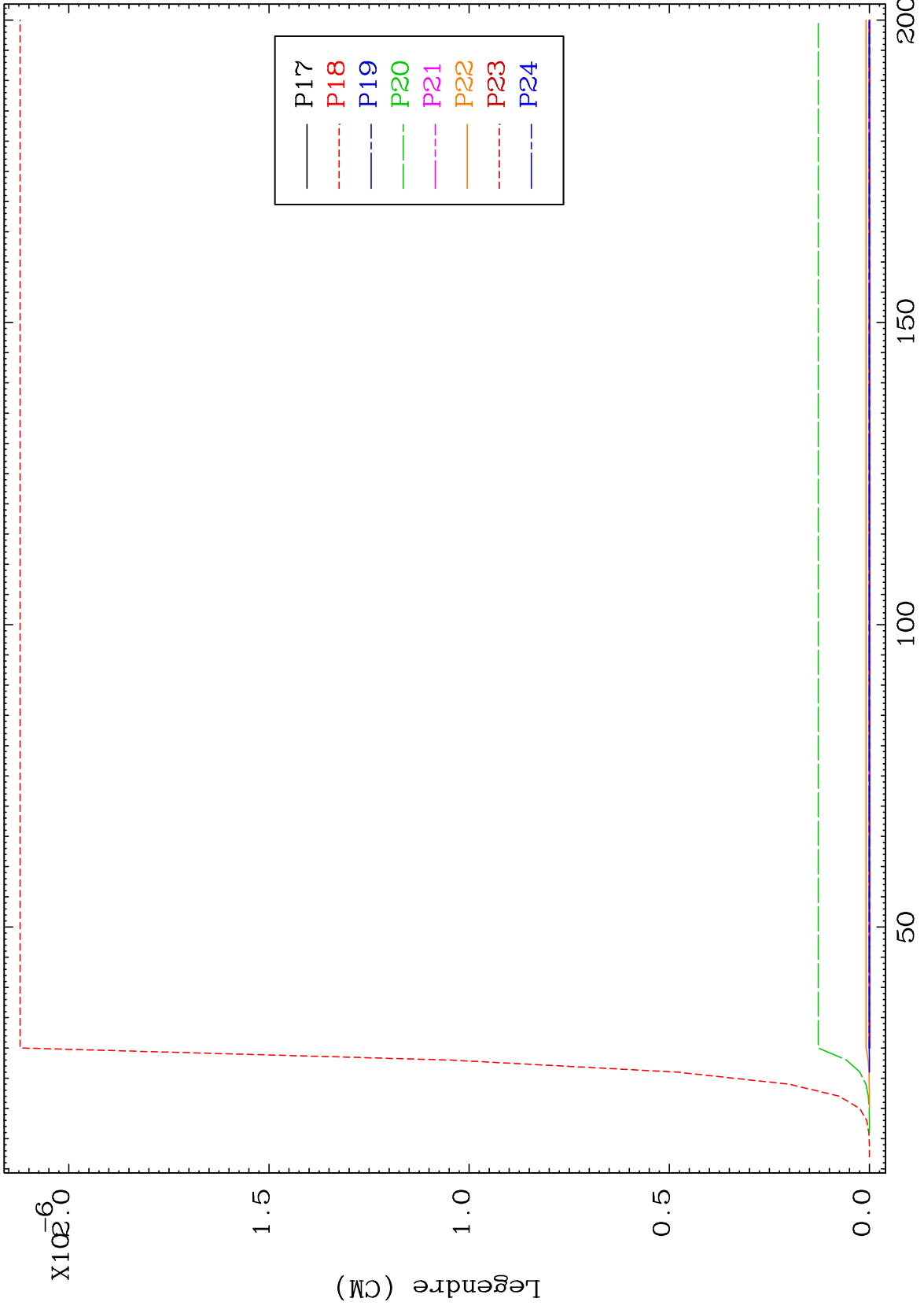
MAT 3140 MT= 70 (n,n') Level Legendre Coefficients 31-Ga-74



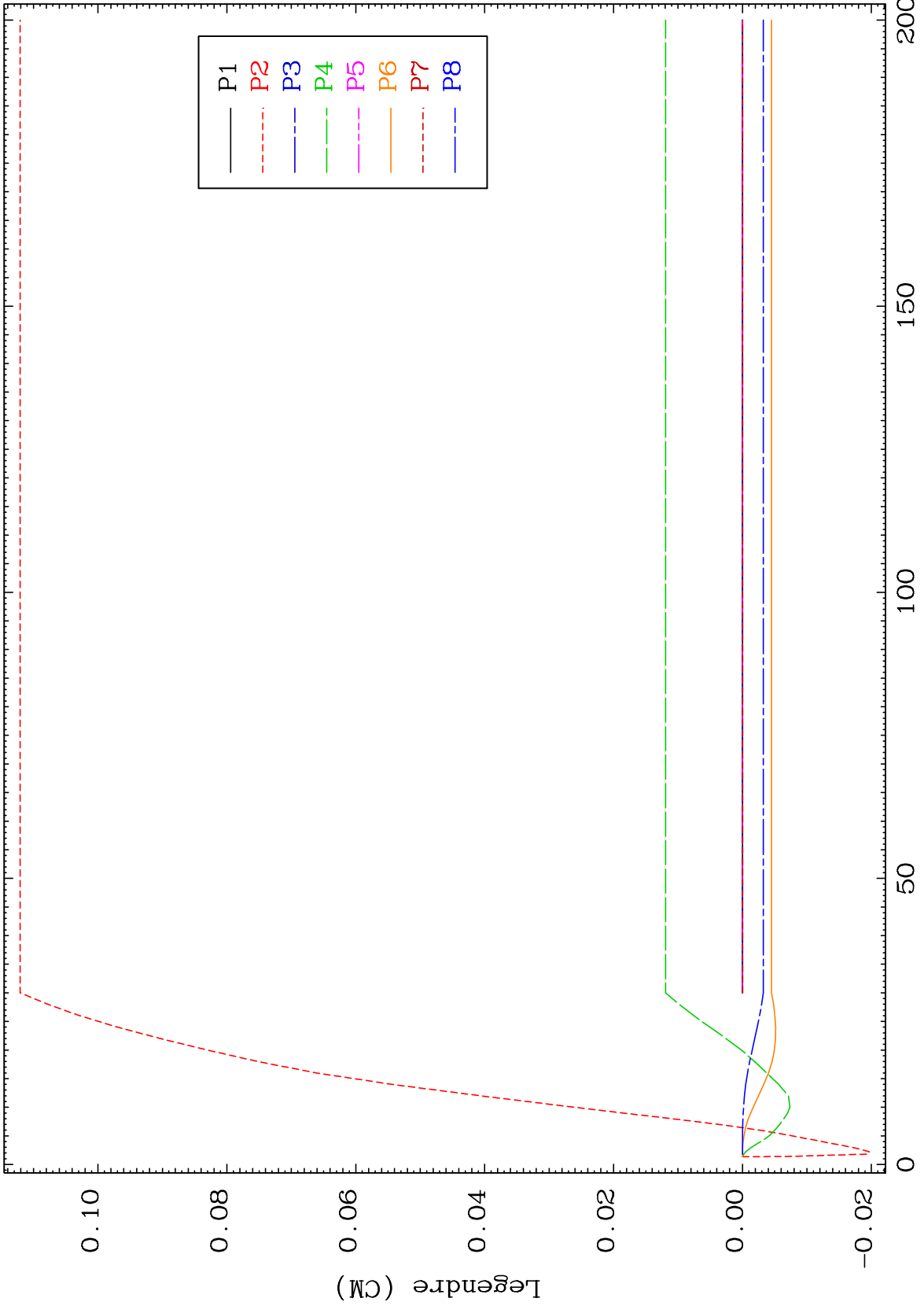
81 31-Ga-74



MAT 3140 MT= 70 (n,n') Level Legendre Coefficients 31-Ga-74

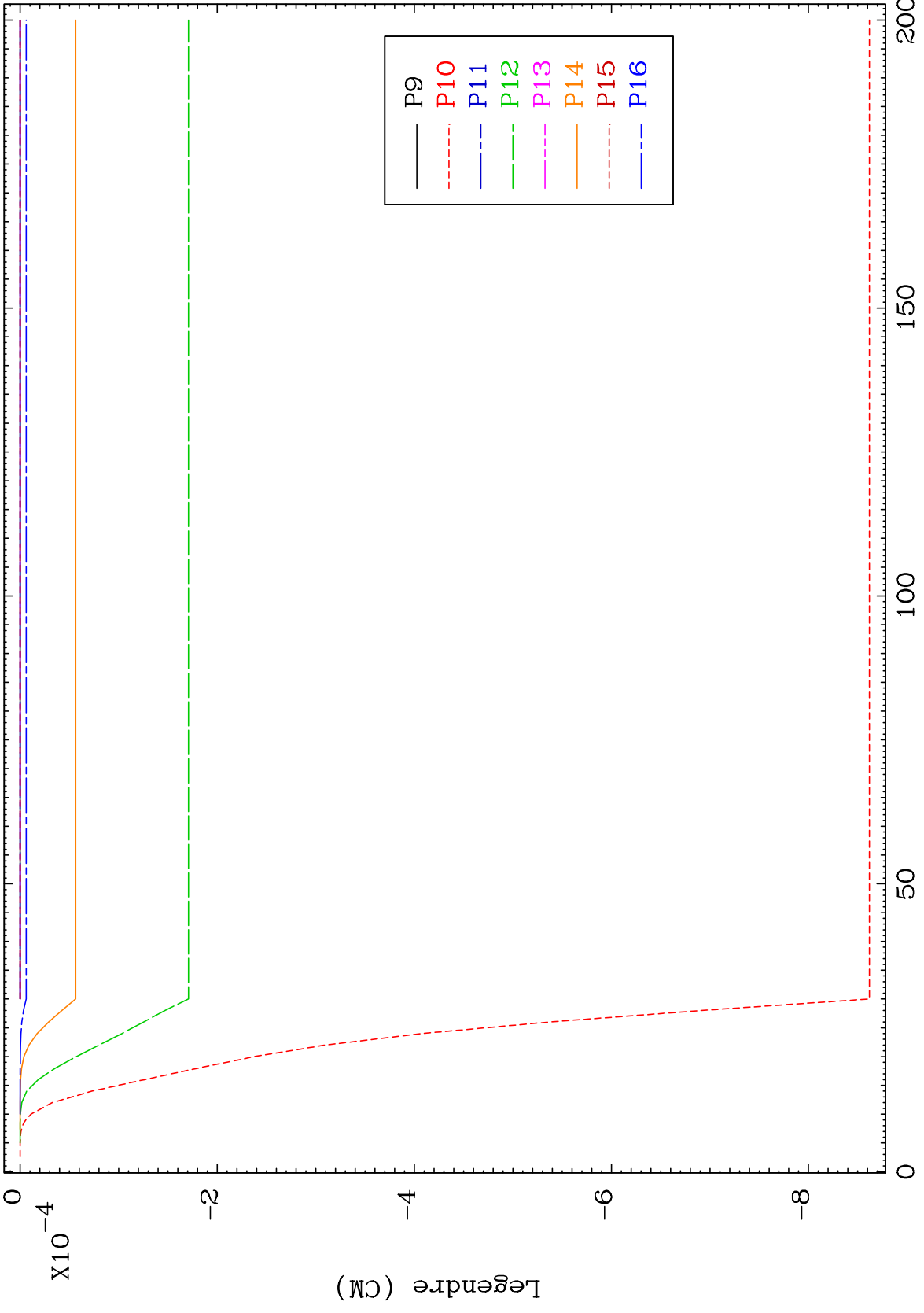


MAT 3140 MT= 71 (n,n') Level Legendre Coefficients 31-Ga-74



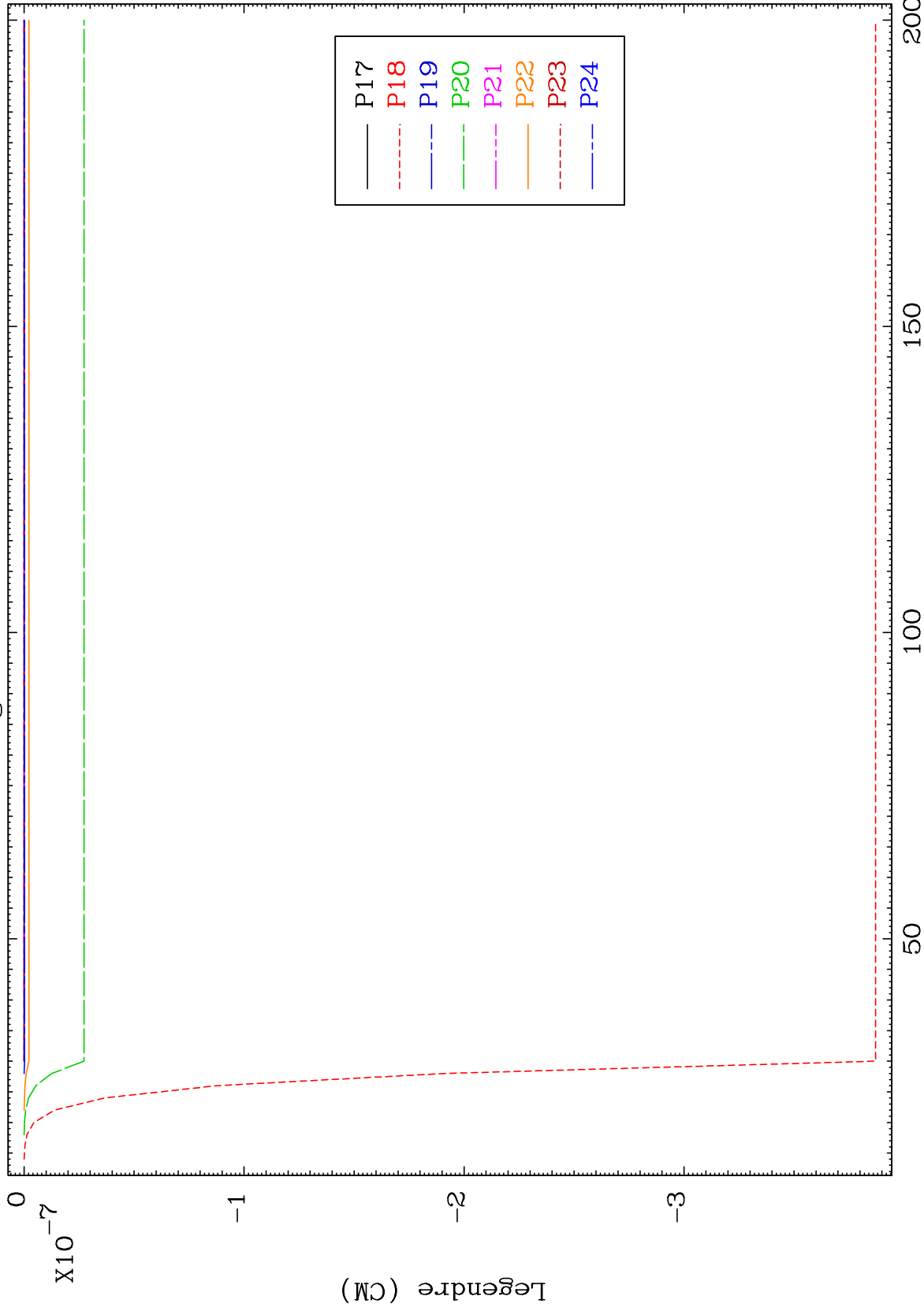
84 31-Ga-74

MAT 3140 MT= 71 (n,n') Level Legendre Coefficients 31-Ga-74

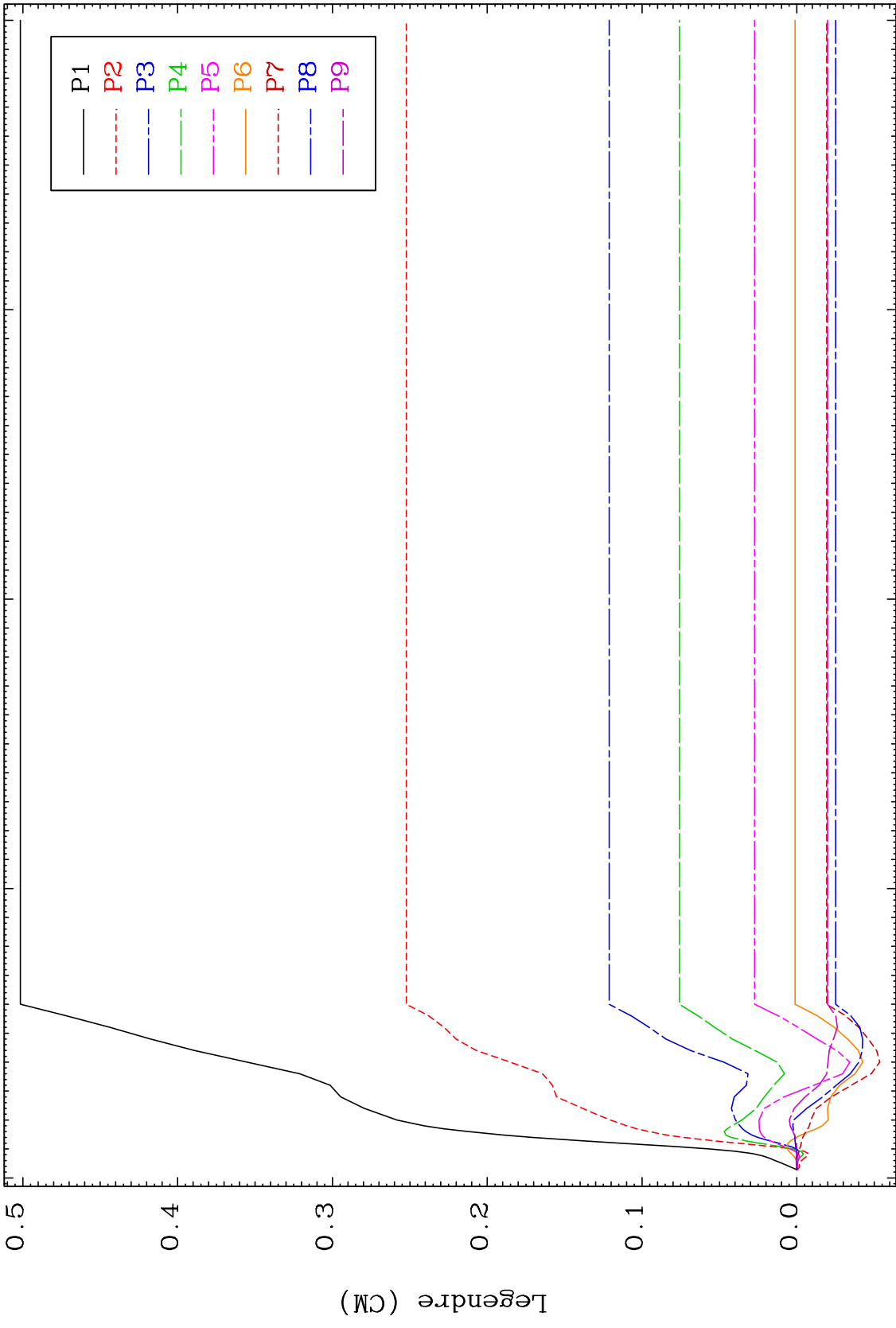


85 Incident Energy (MeV) 31-Ga-74

MAT 3140 MT= 71 (n,n') Level Legendre Coefficients 31-Ga-74



MAT 3140 MT= 72 (n,n') Level Legendre Coefficients 31-Ga-74

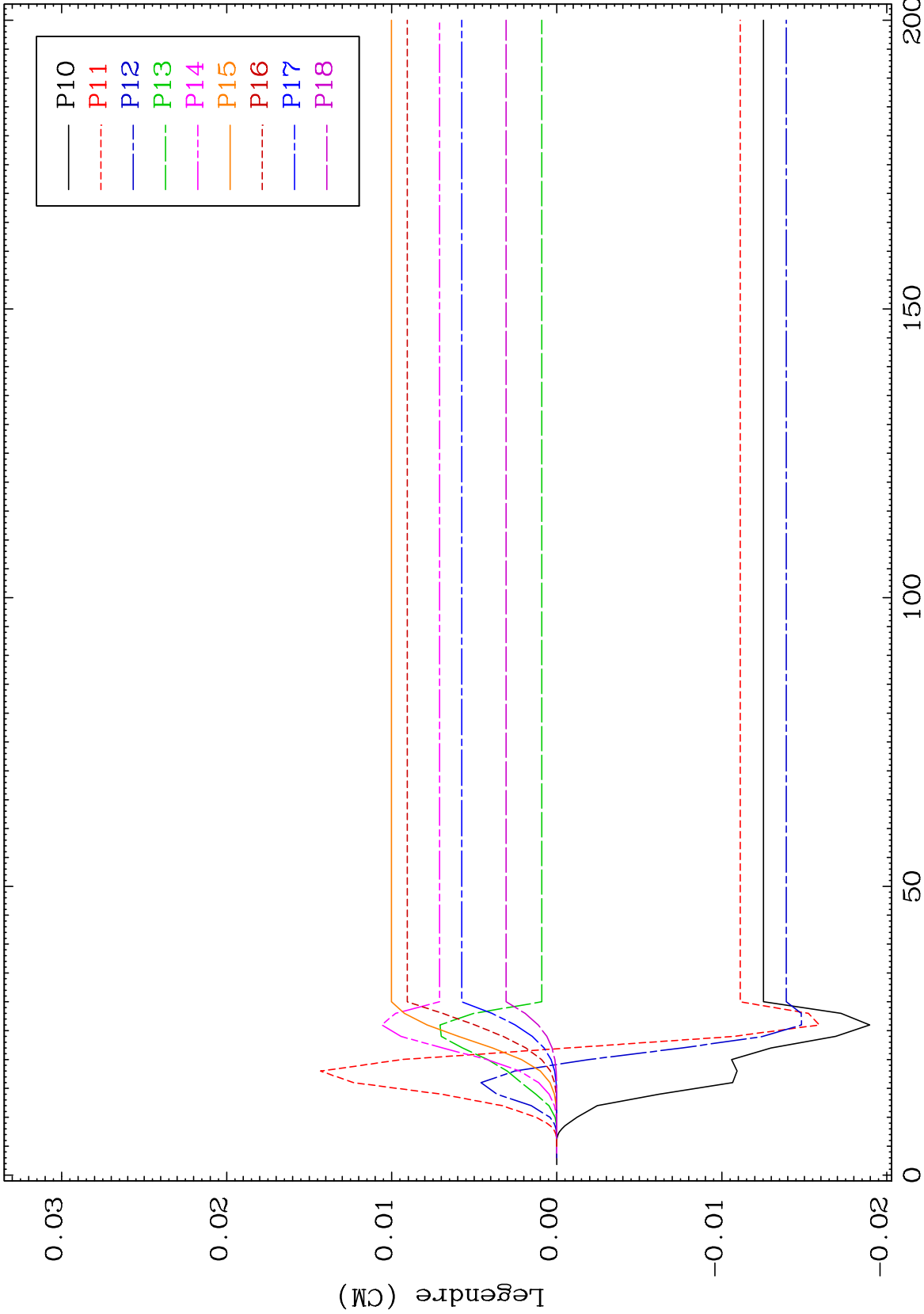


87 31-Ga-74

MAT 3140

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

31-Ga-74



88

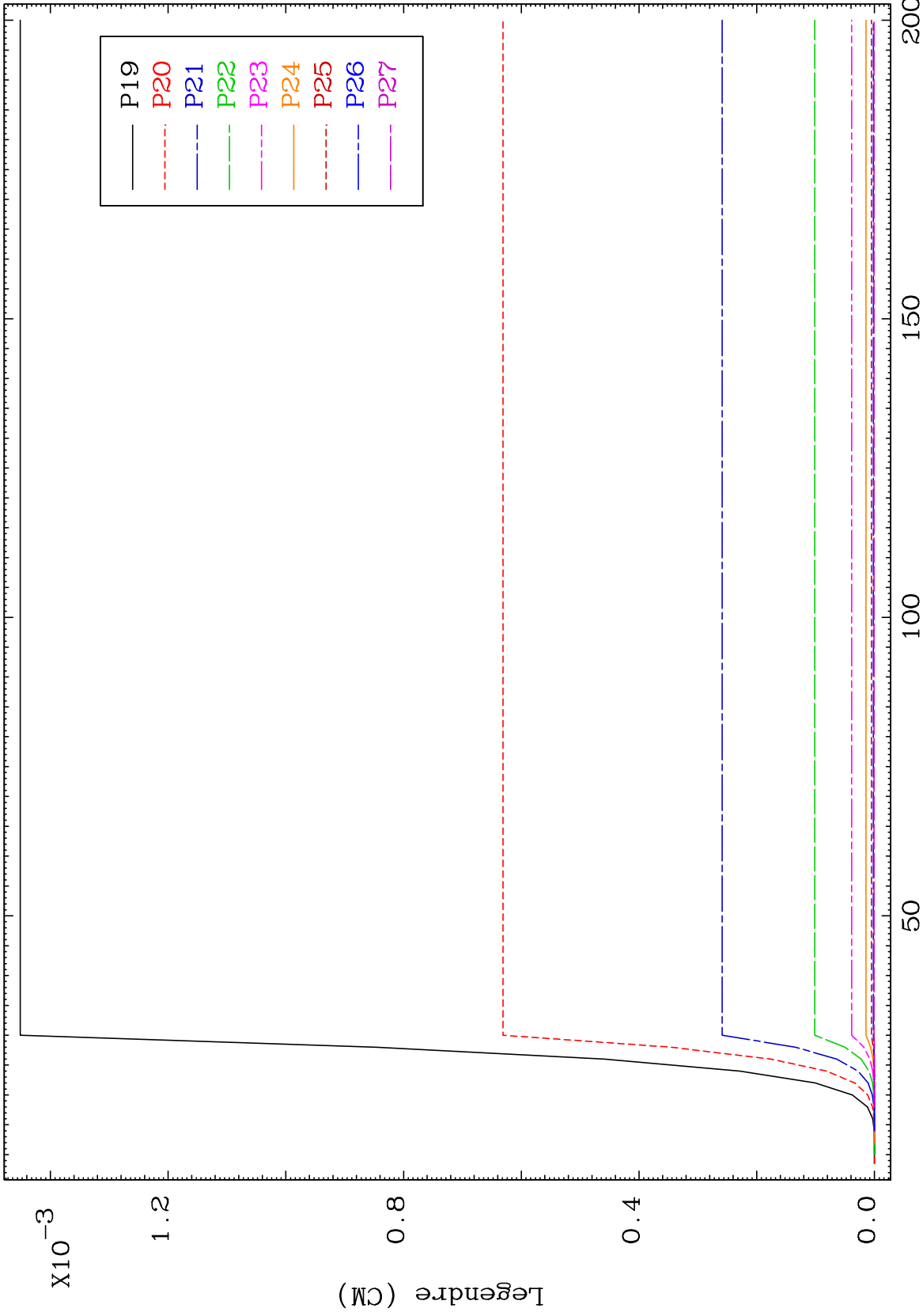
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

31-Ga-74

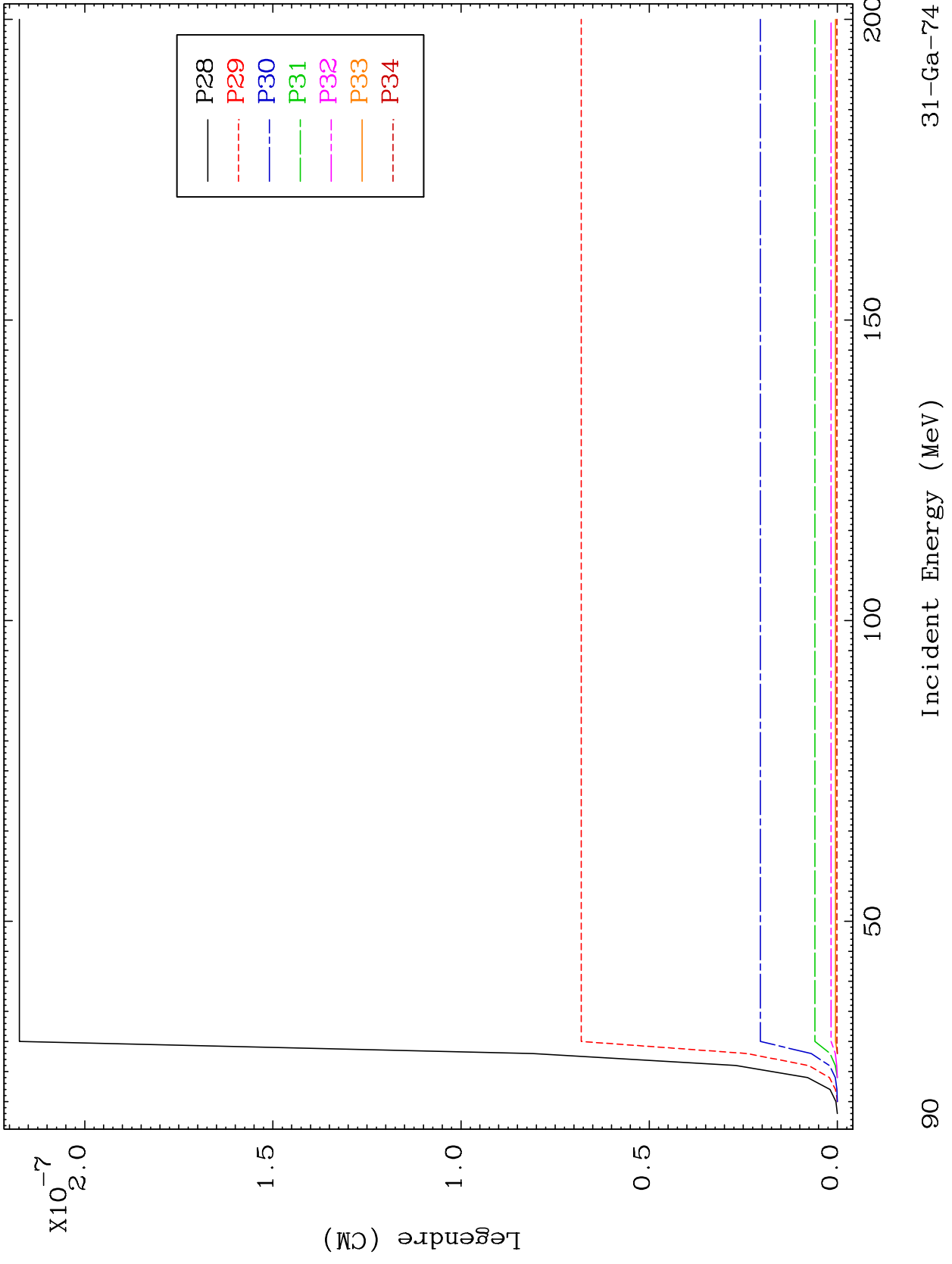


89

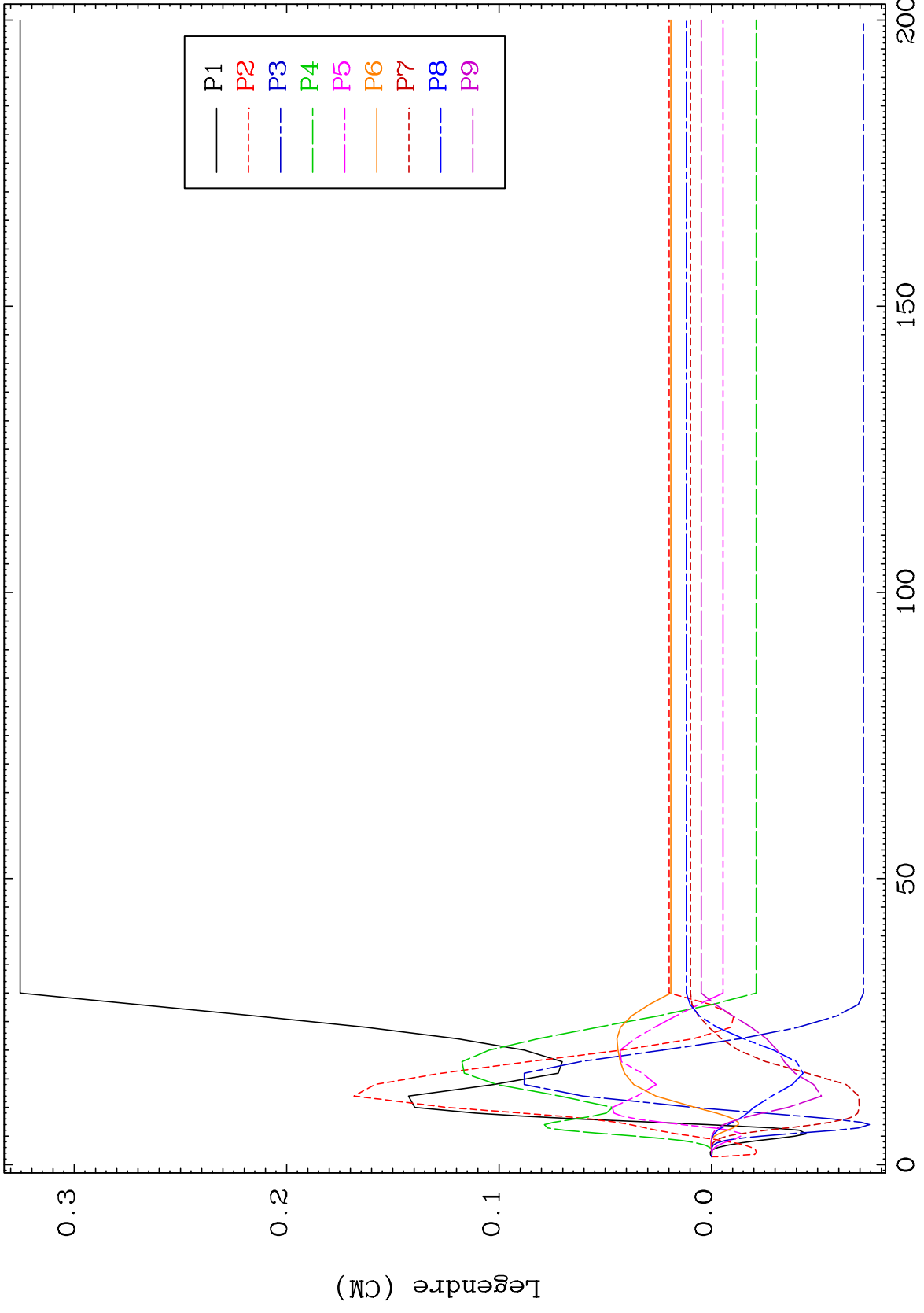
Incident Energy (MeV)

31-Ga-74

MAT 3140 MT= 72 (n,n') Level Legendre Coefficients 31-Ga-74

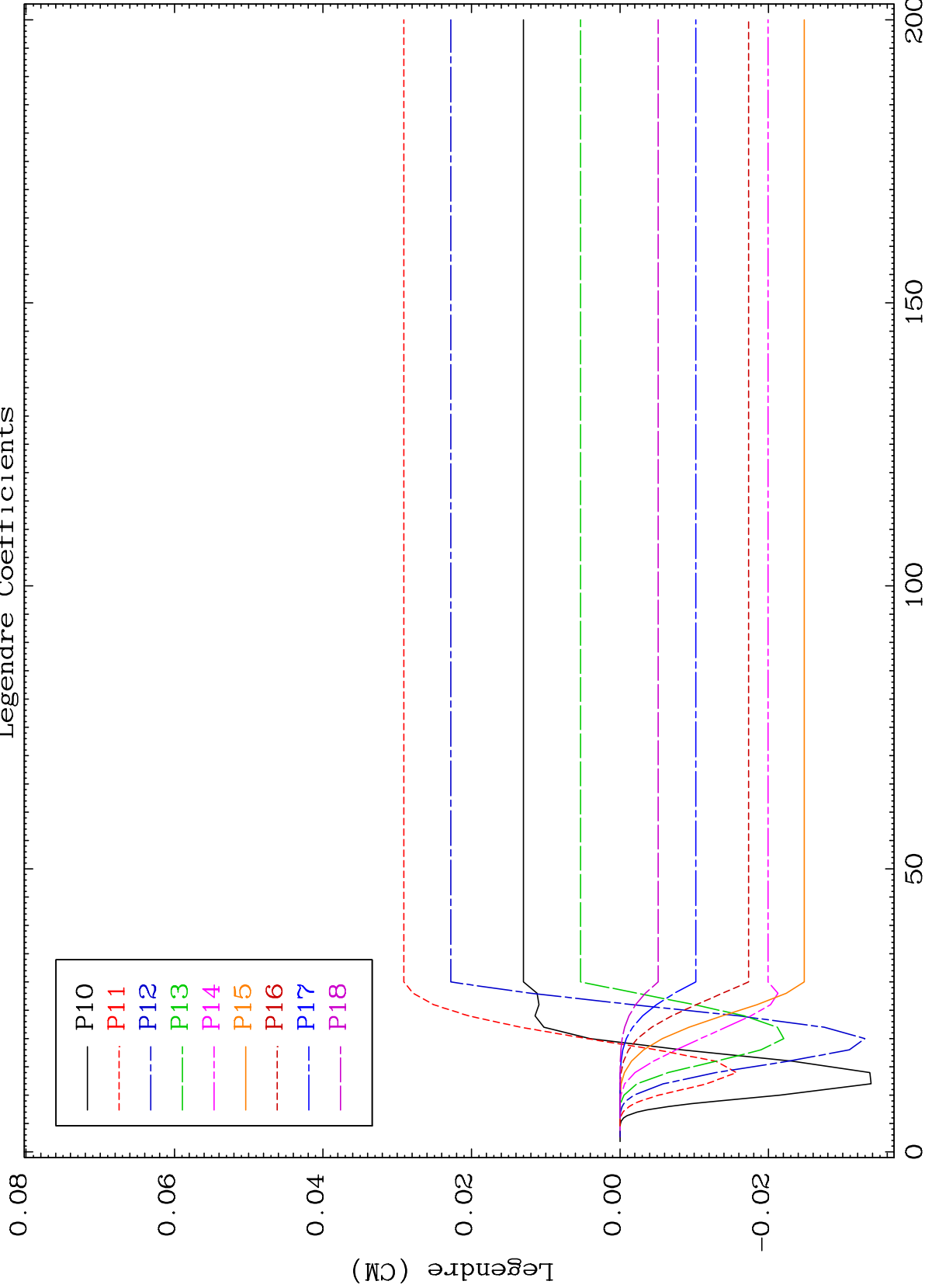


MAT 3140 MT= 73 (n,n') Level Legendre Coefficients 31-Ga-74



91 31-Ga-74

MAT 3140 MT= 73 (n,n') Level Legendre Coefficients 31-Ga-74



31-Ga-74

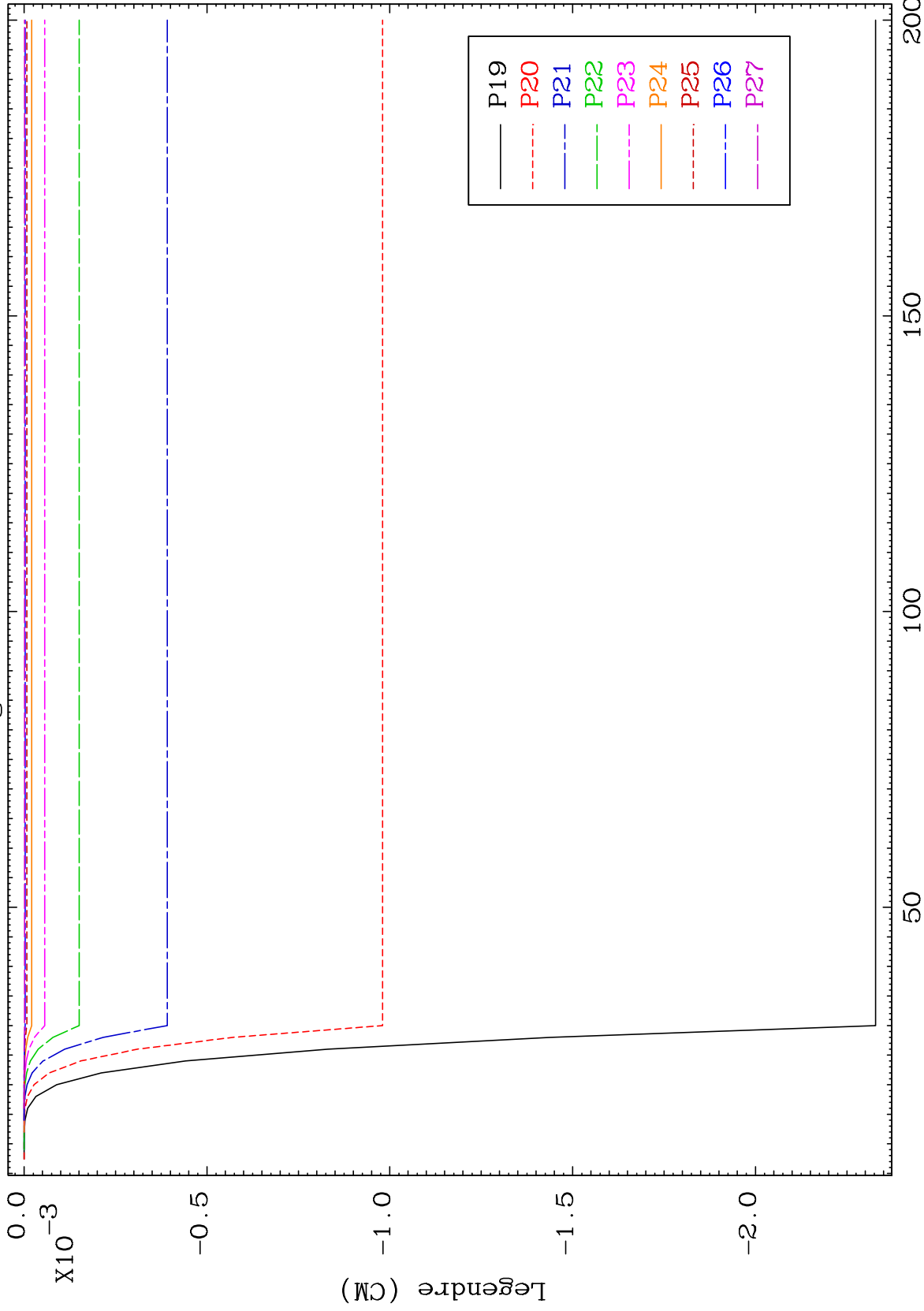
Incident Energy (MeV)

92

MAT 3140

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

31-Ga-74

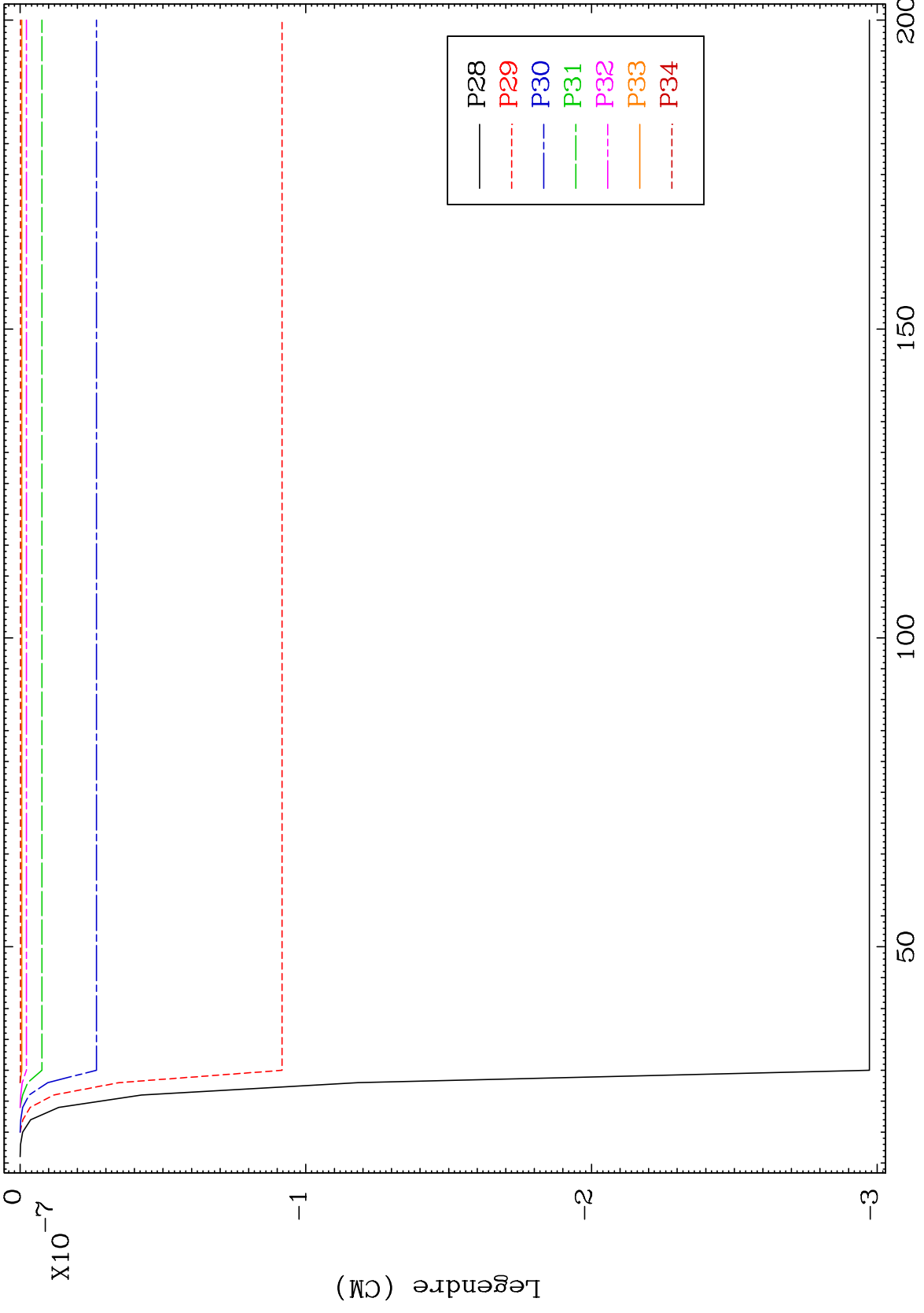


31-Ga-74

Incident Energy (MeV)

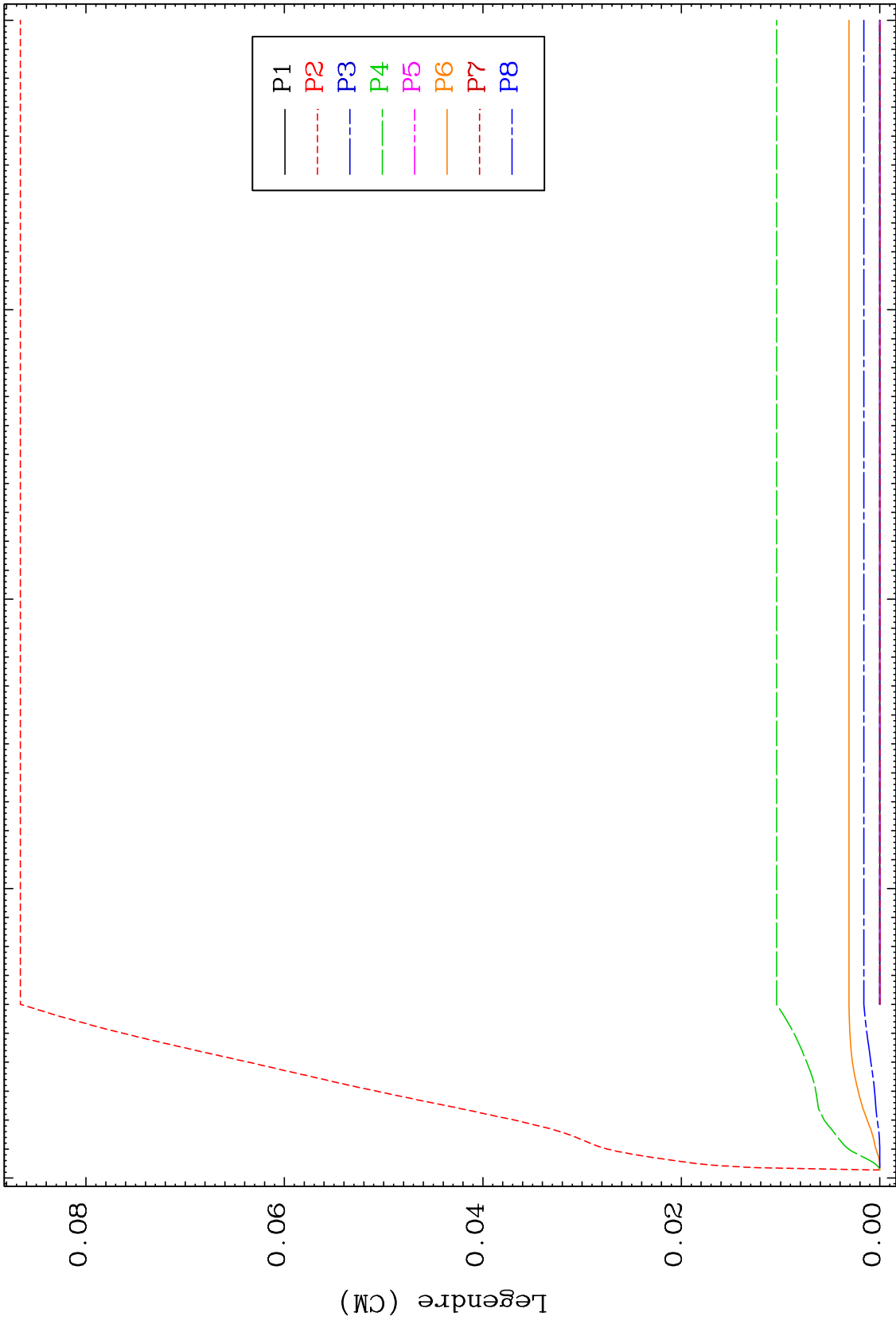
93

MAT 3140 MT= 73 (n,n') Level Legendre Coefficients 31-Ga-74



94 31-Ga-74

MAT 3140 MT= 74 (n,n') Level Legendre Coefficients 31-Ga-74

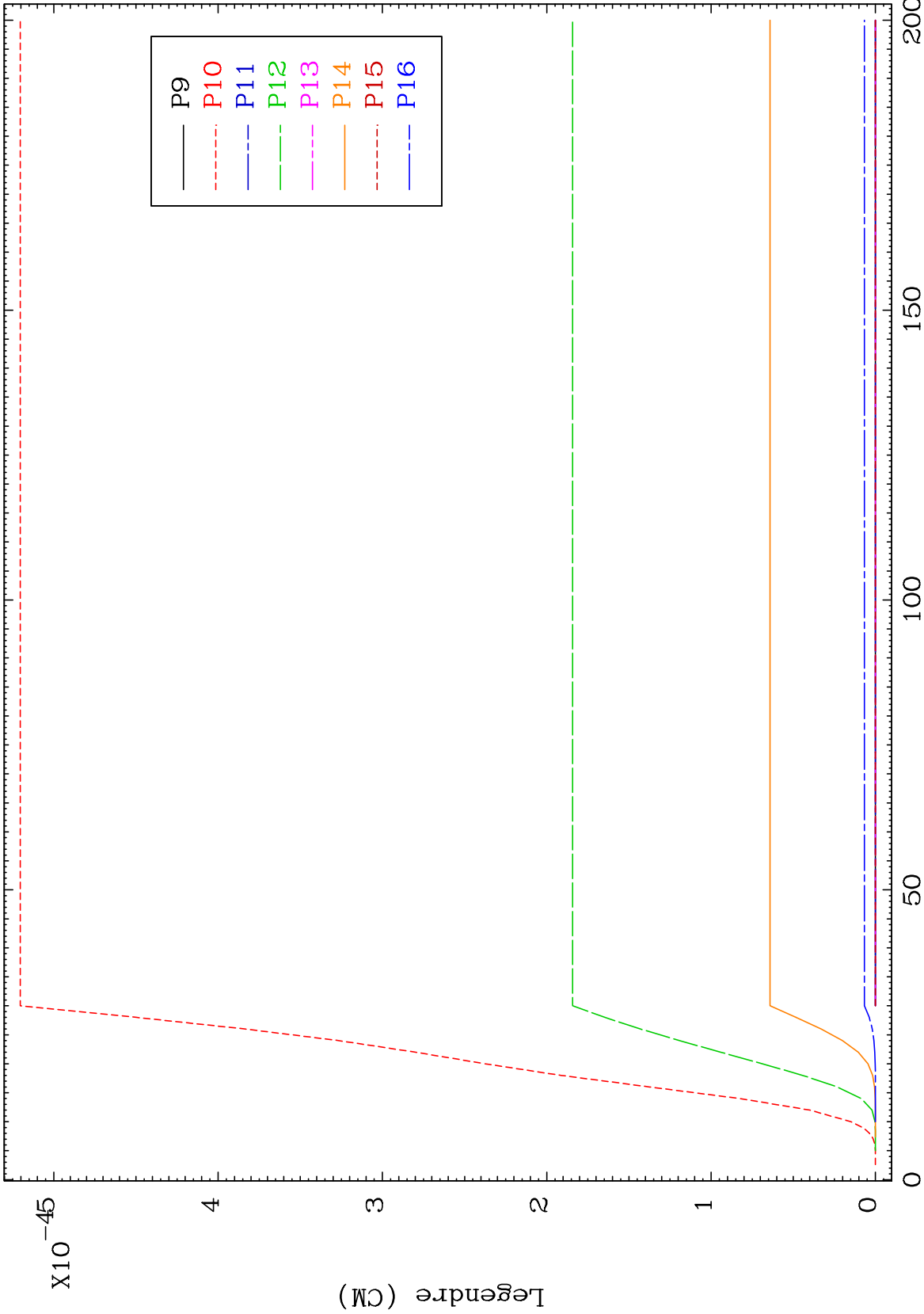


95 Incident Energy (MeV) 31-Ga-74

MAT 3140

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

31-Ga-74

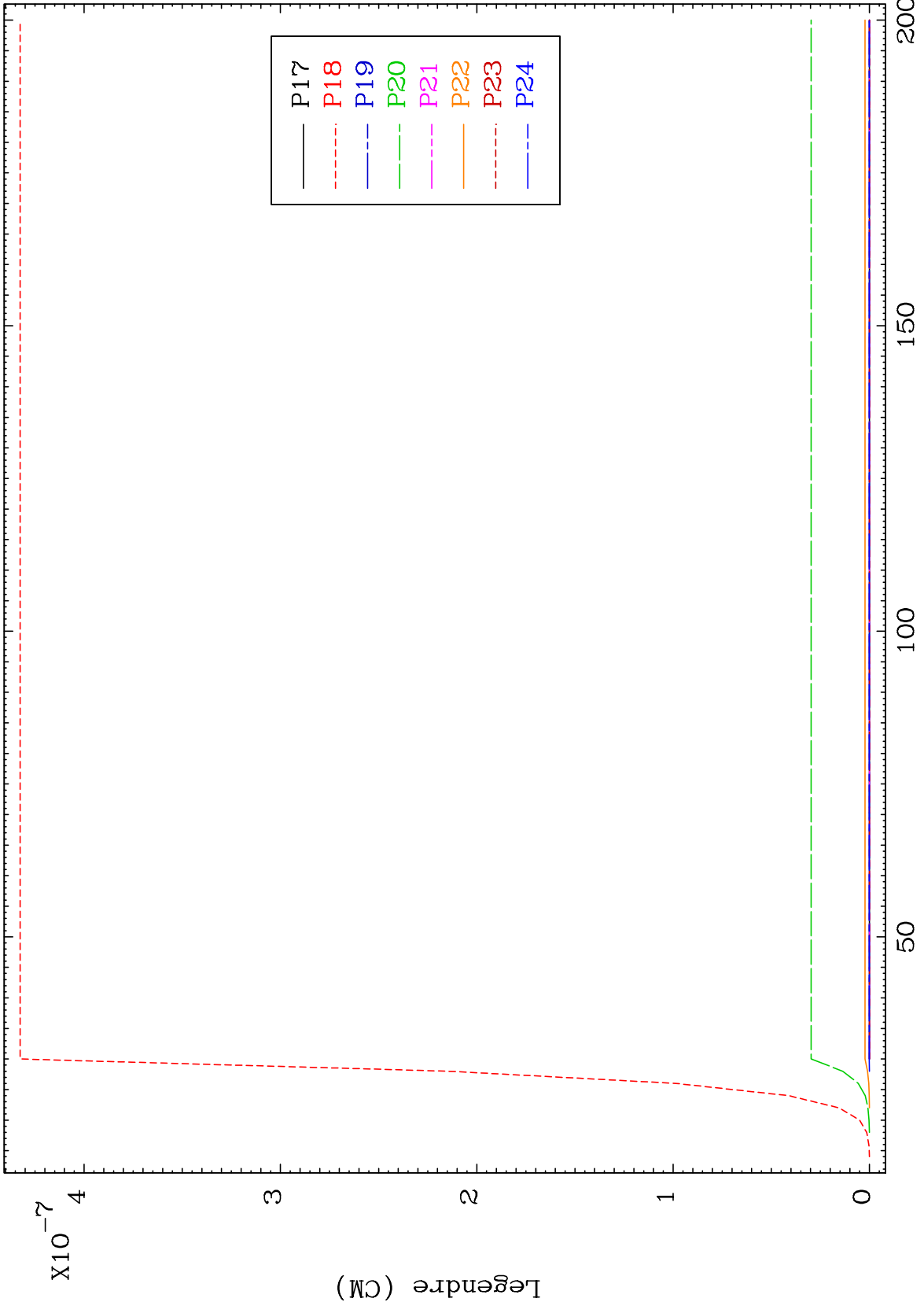


96

Incident Energy (MeV)

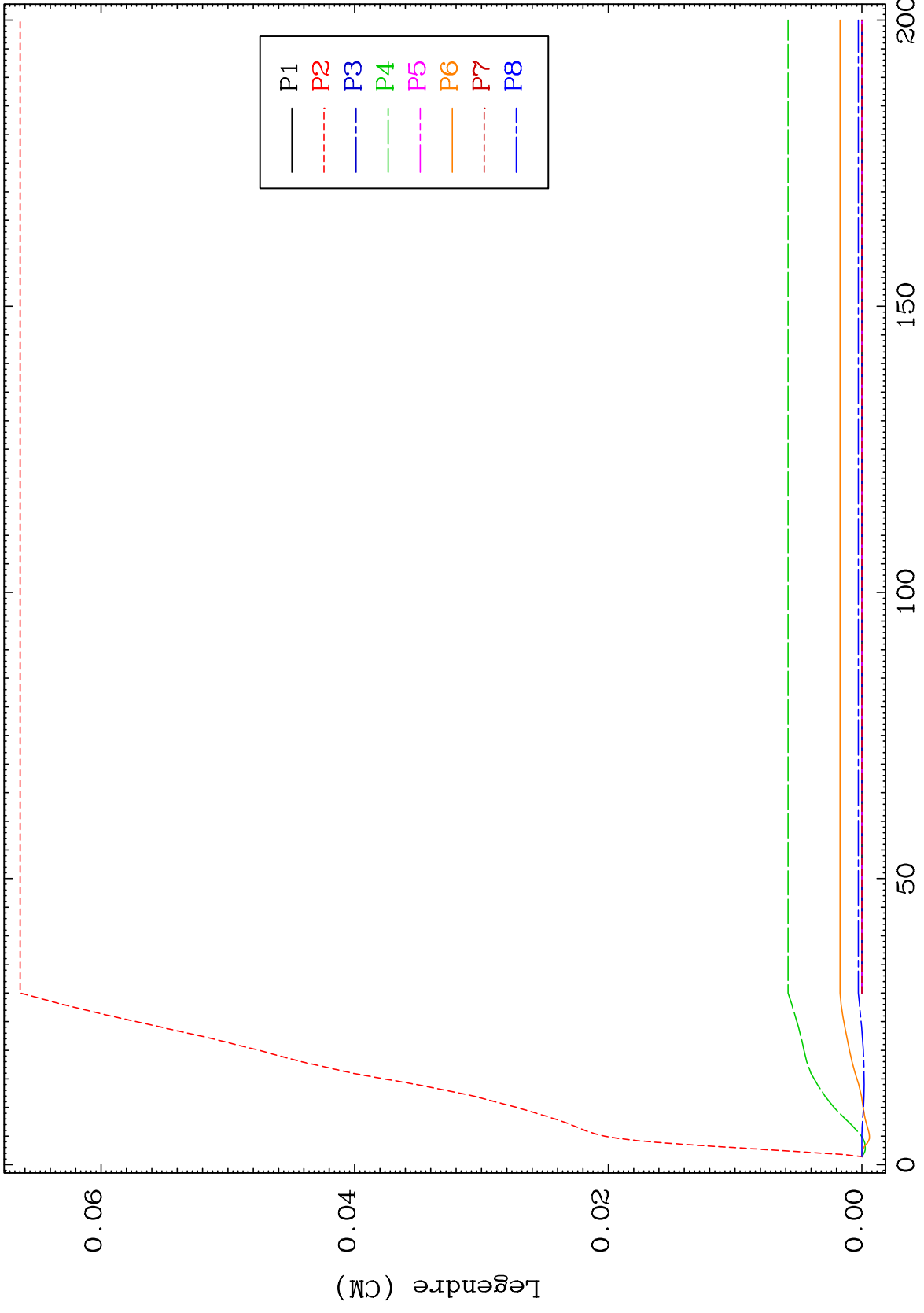
31-Ga-74

MAT 3140 MT= 74 (n,n') Level Legendre Coefficients 31-Ga-74



97 31-Ga-74

MAT 3140 MT= 75 (n,n') Level Legendre Coefficients 31-Ga-74

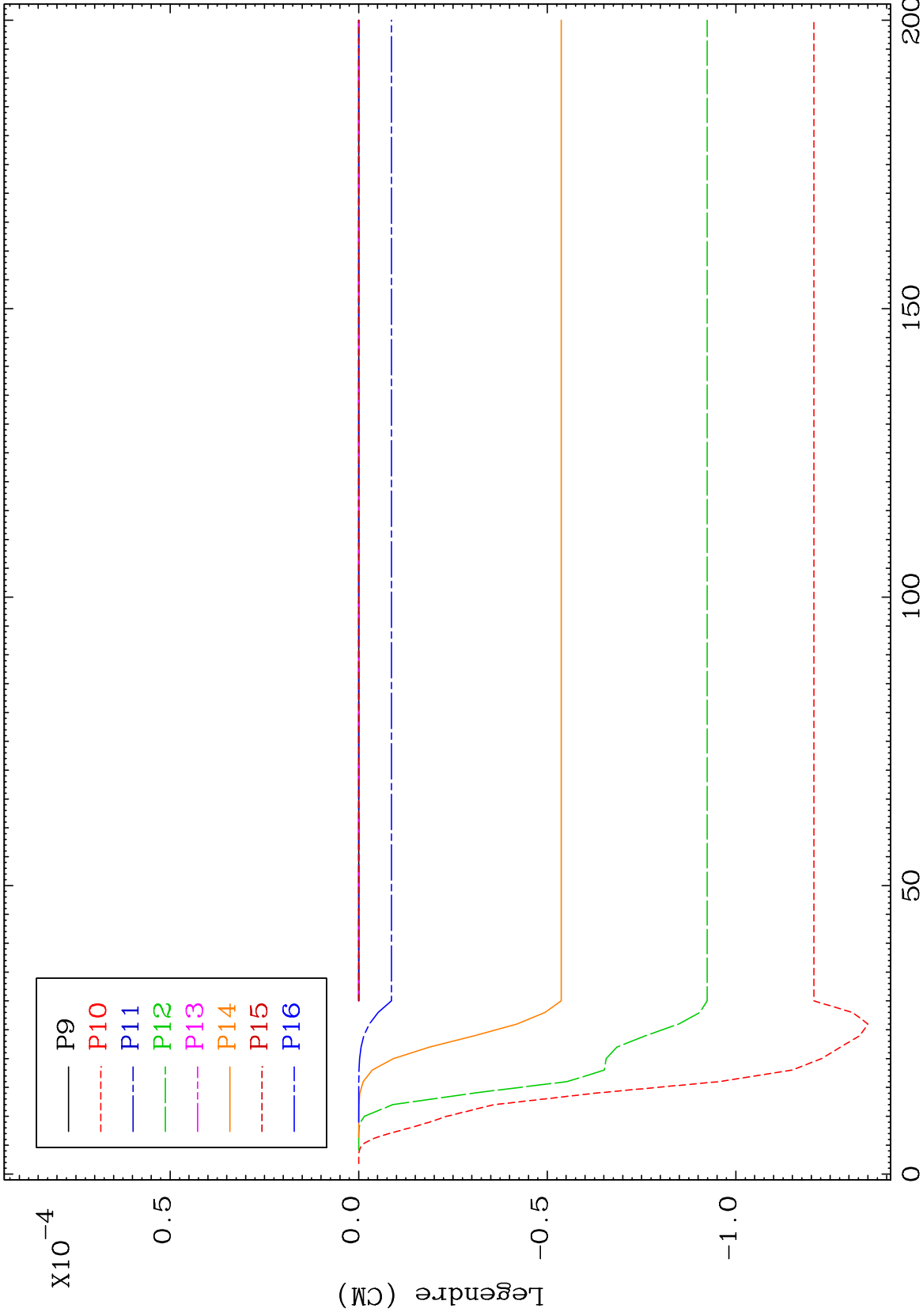


98 Incident Energy (MeV) 31-Ga-74

MAT 3140

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

31-Ga-74

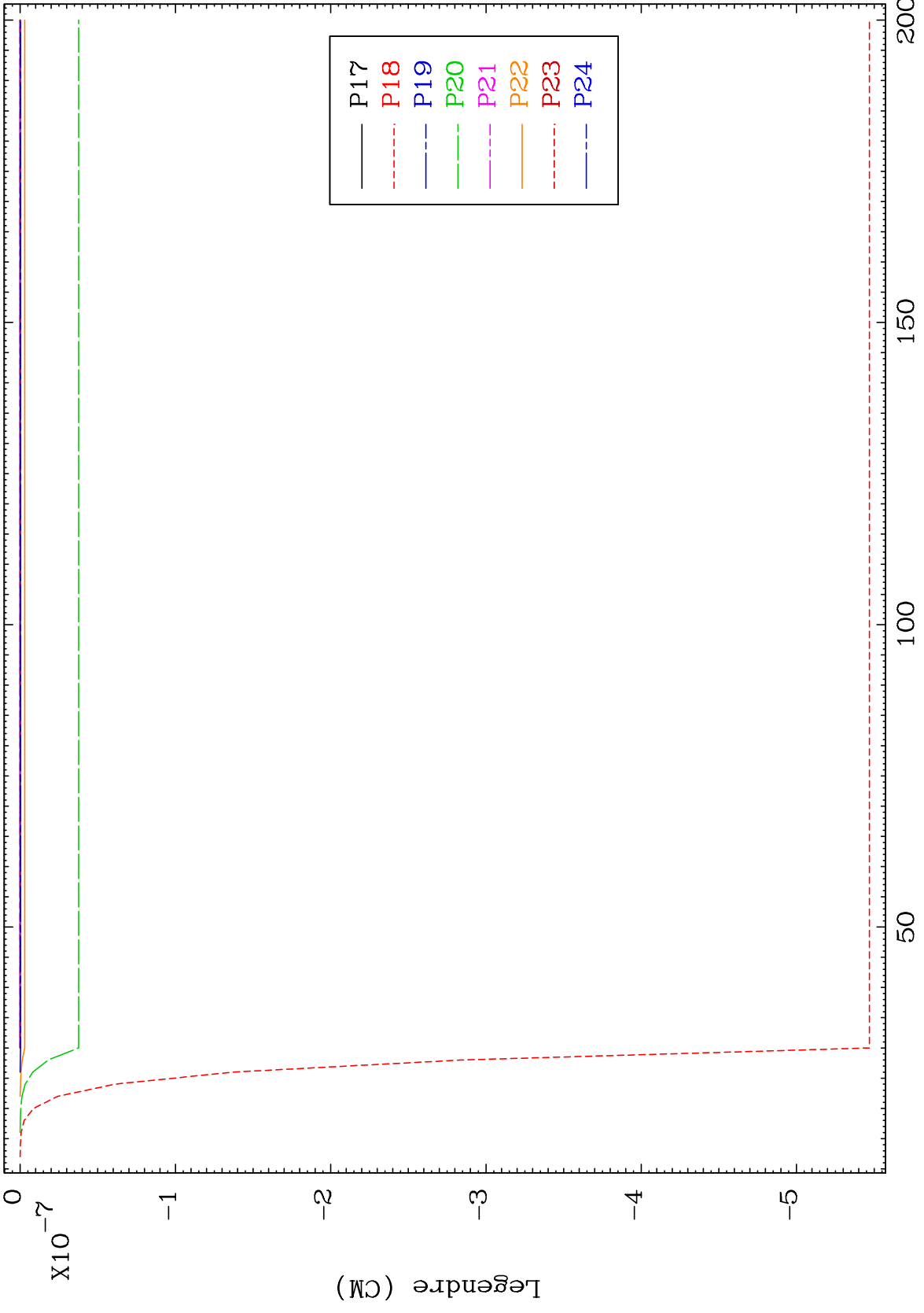


99

Incident Energy (MeV)

31-Ga-74

MAT 3140 MT= 75 (n,n') Level Legendre Coefficients 31-Ga-74

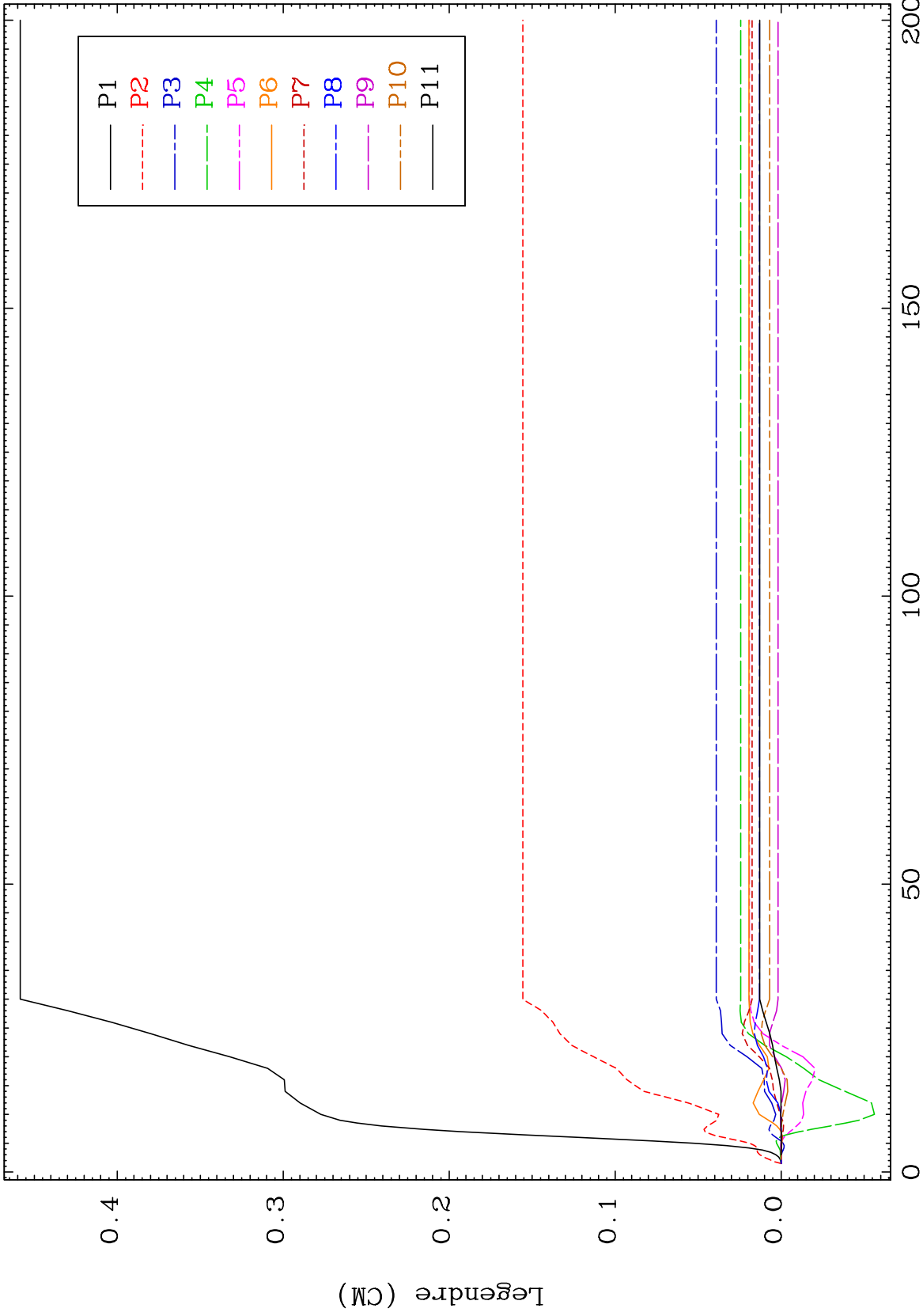


31-Ga-74

MAT 3140

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

31-Ga-74



101

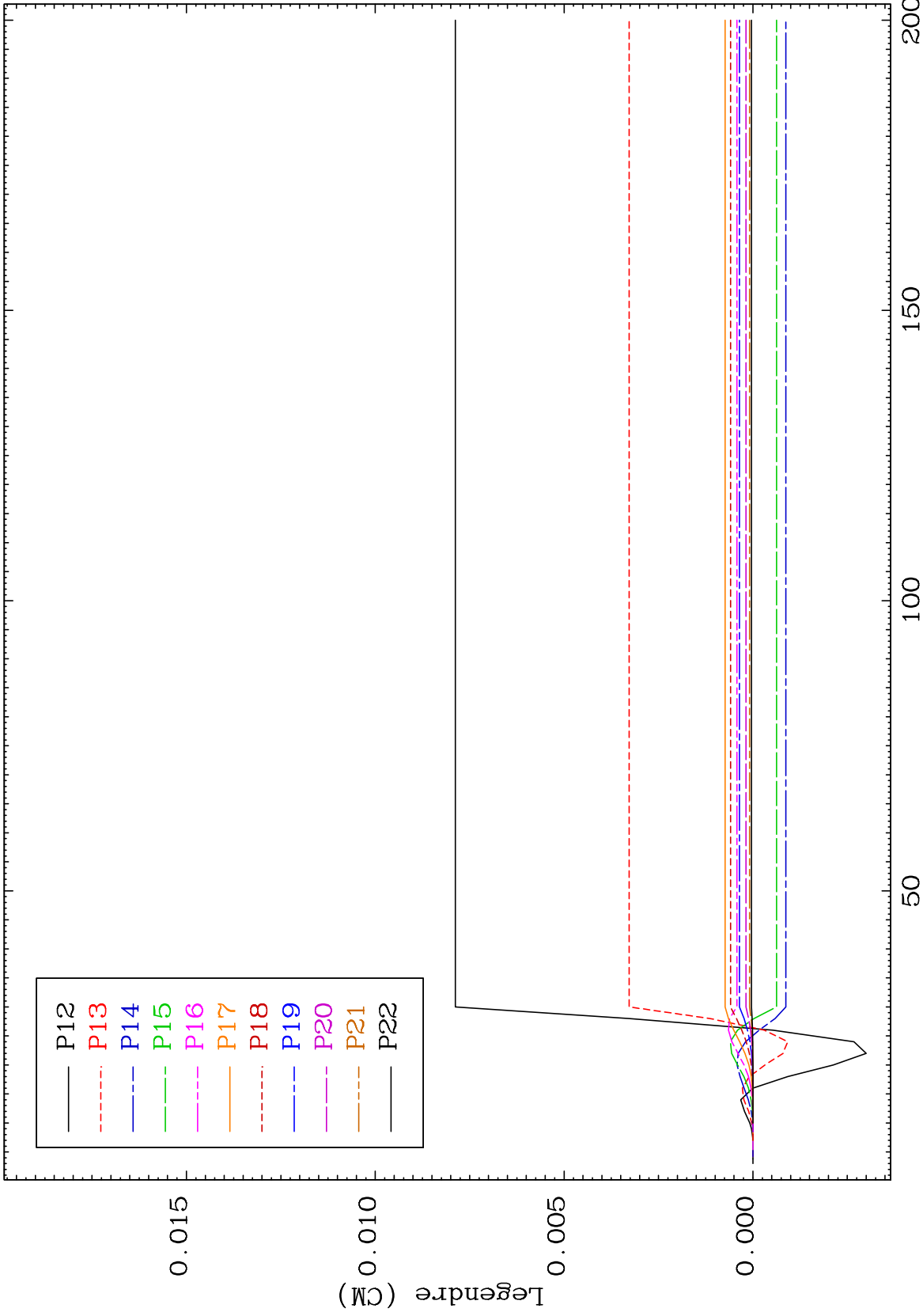
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

31-Ga-74



102

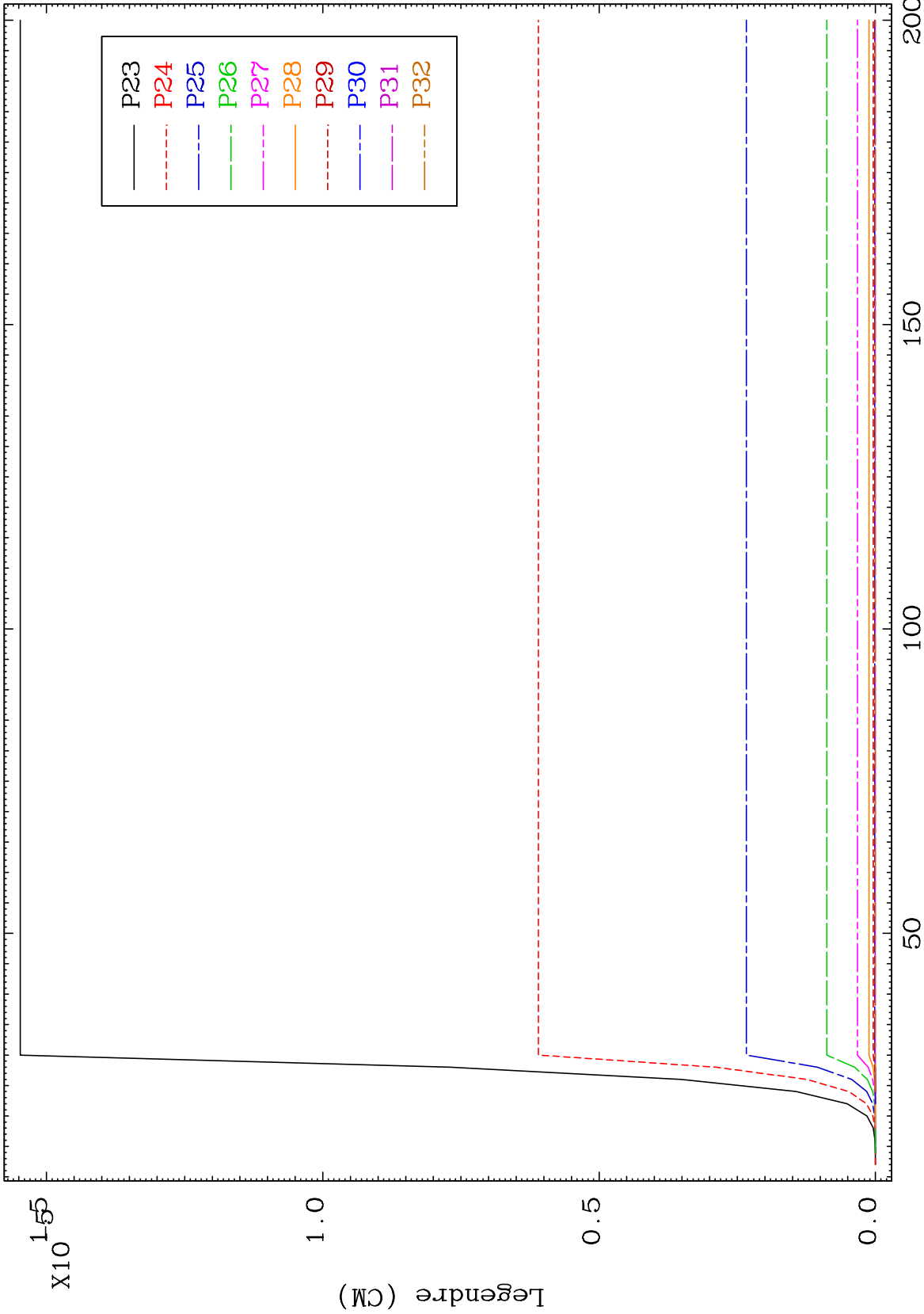
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

31-Ga-74

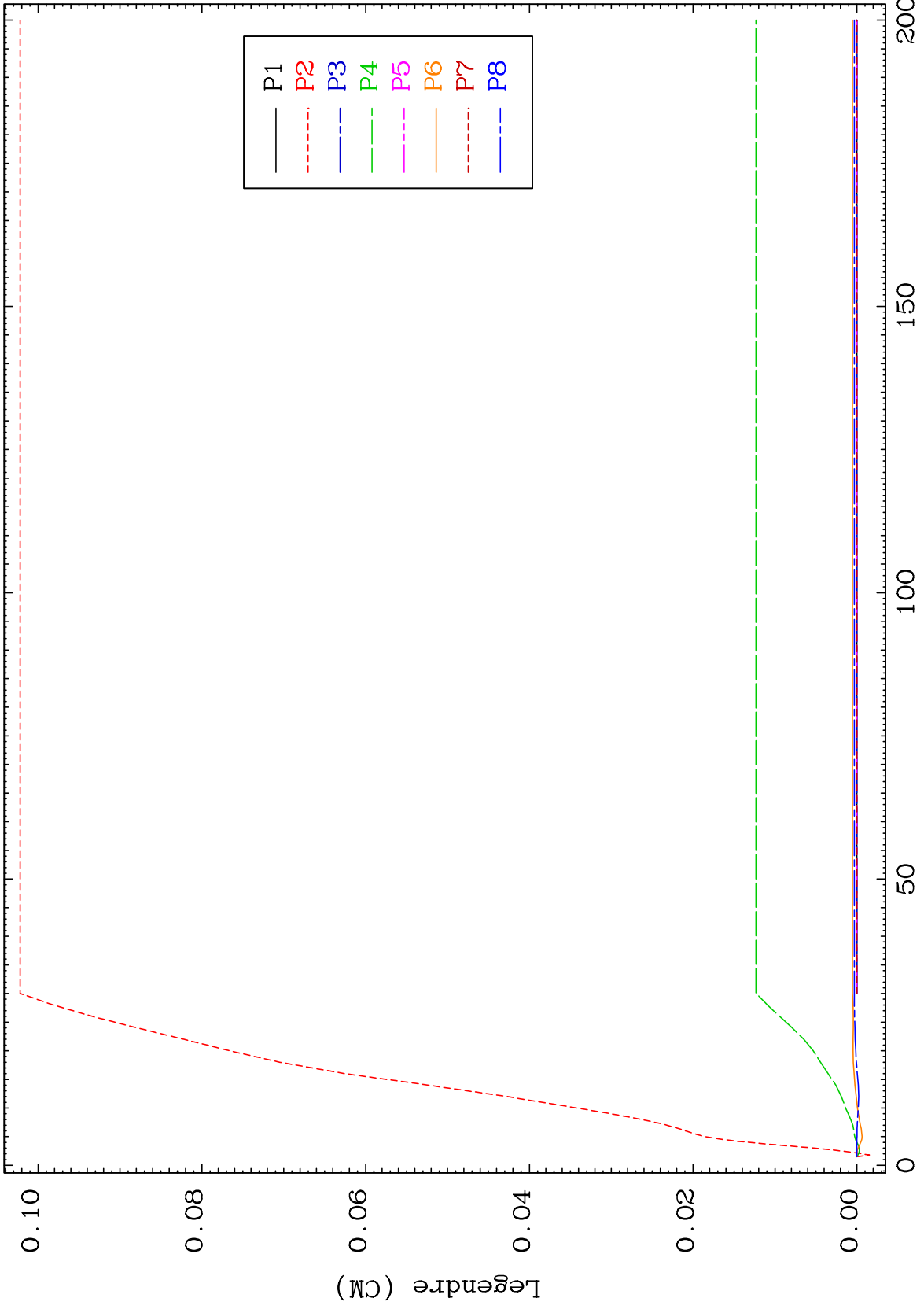


103

Incident Energy (MeV)

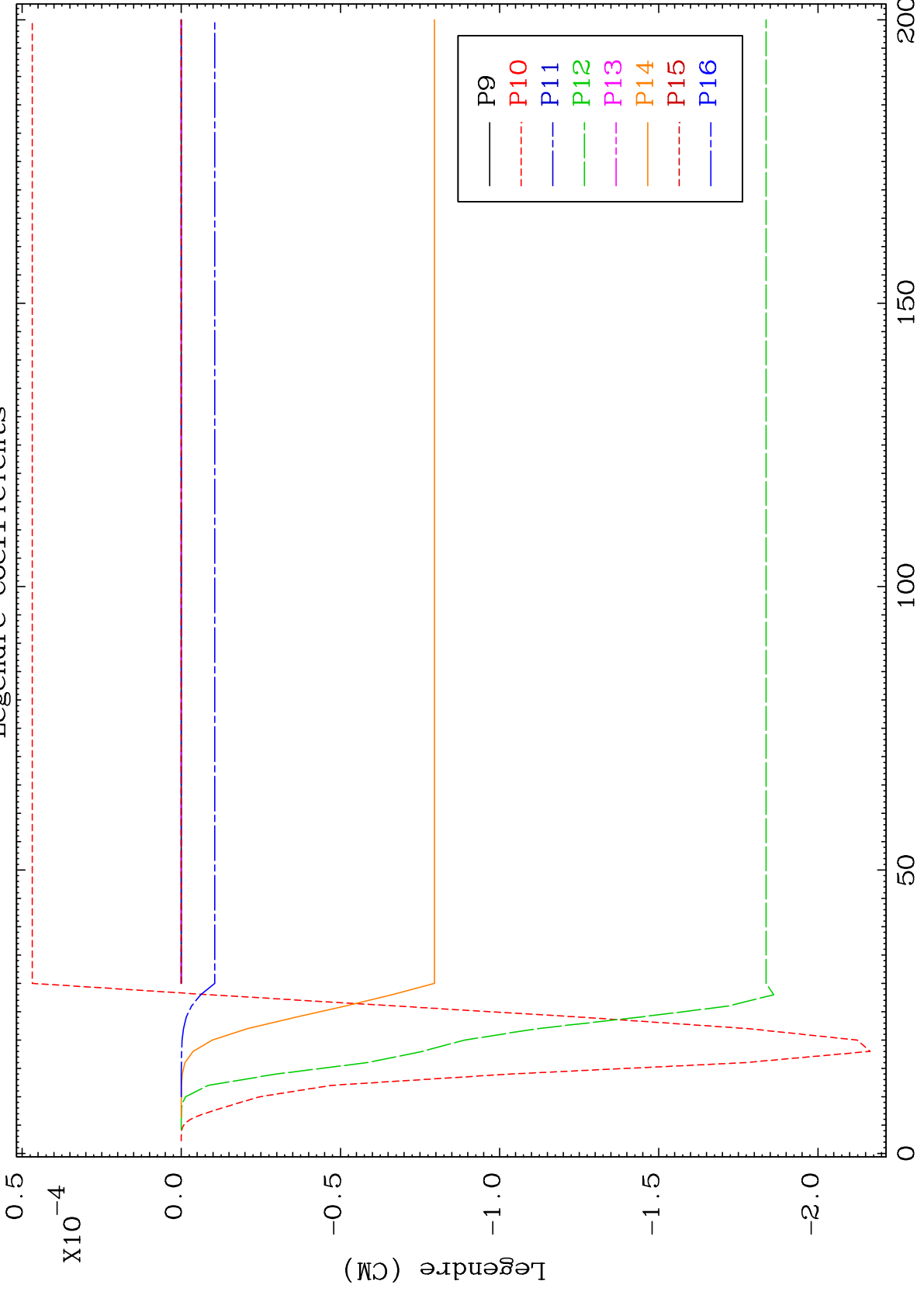
31-Ga-74

MAT 3140 MT= 77 (n,n') Level Legendre Coefficients 31-Ga-74



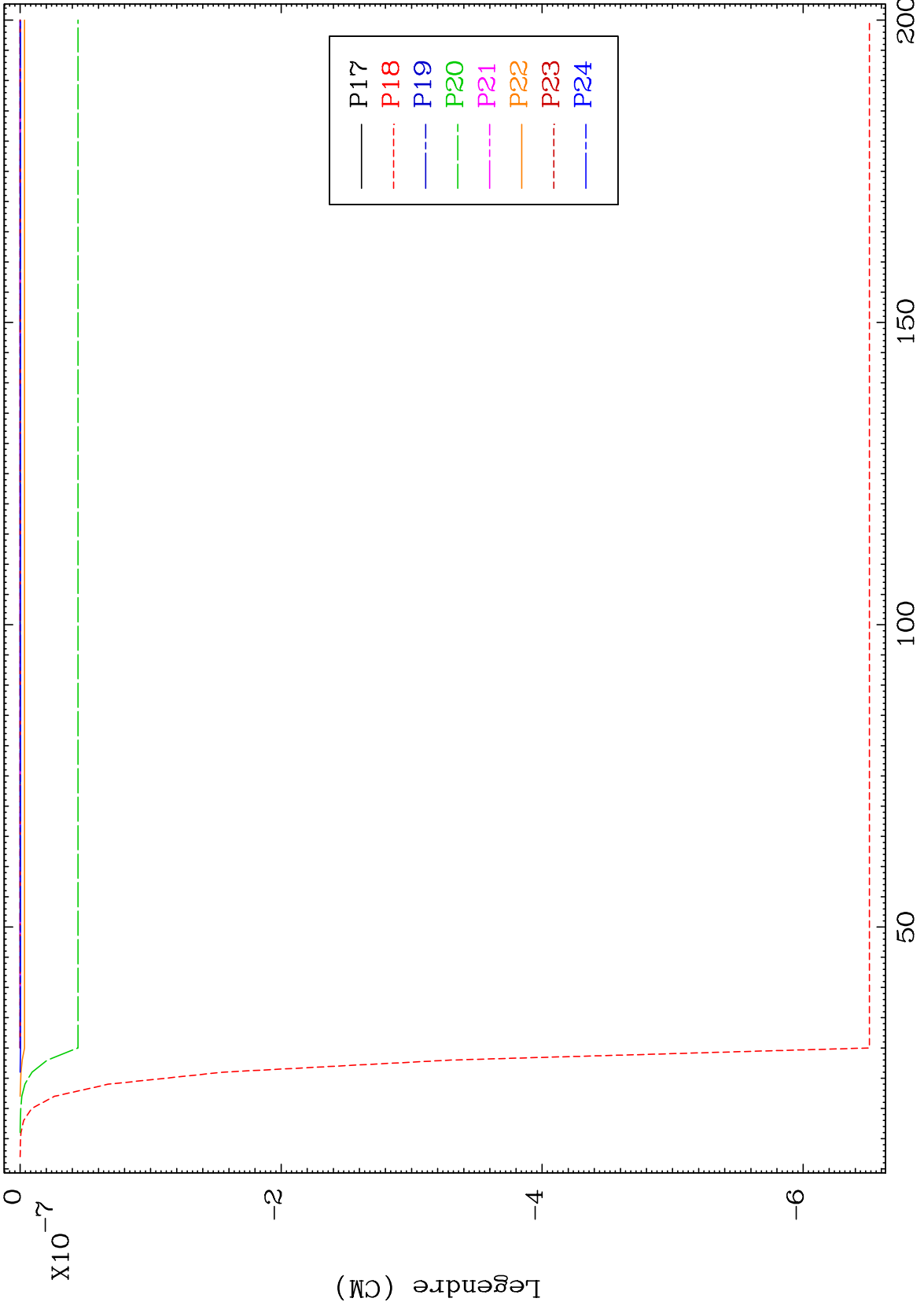
104 Incident Energy (MeV) 31-Ga-74

MAT 3140 MT= 77 (n,n') Level Legendre Coefficients 31-Ga-74



31-Ga-74

MAT 3140 MT= 77 (n,n') Level Legendre Coefficients 31-Ga-74

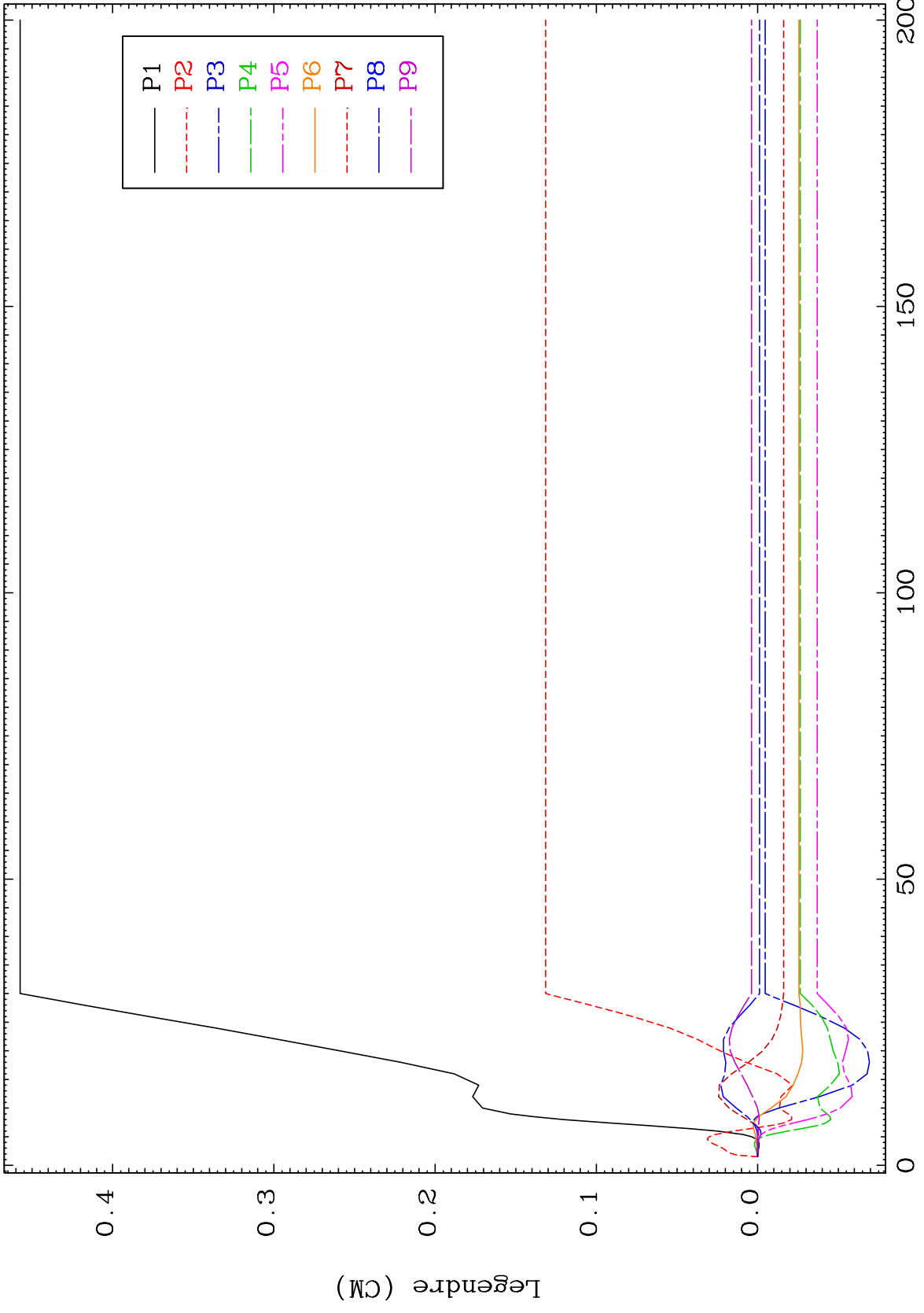


106 31-Ga-74

MAT 3140

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

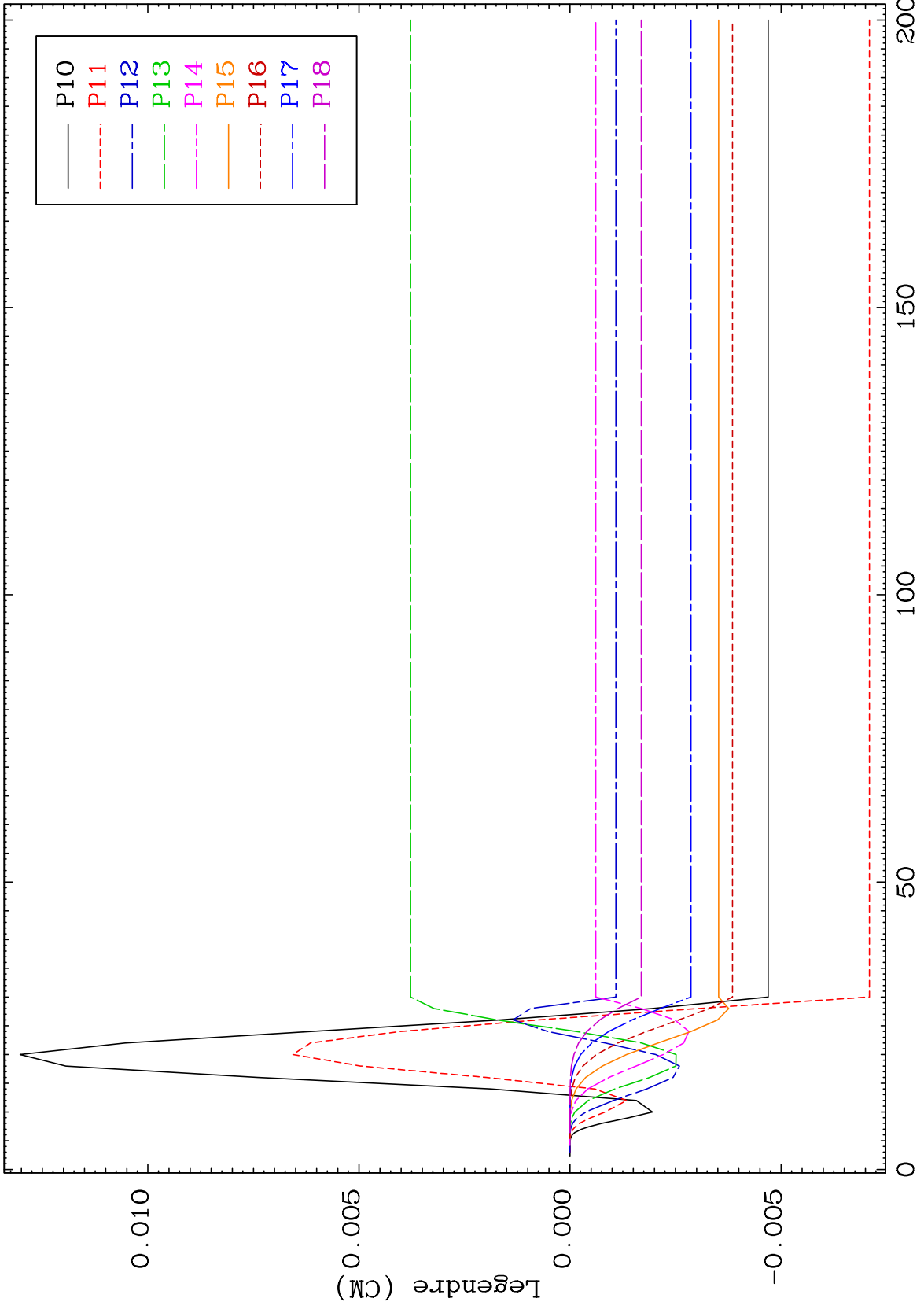
31-Ga-74



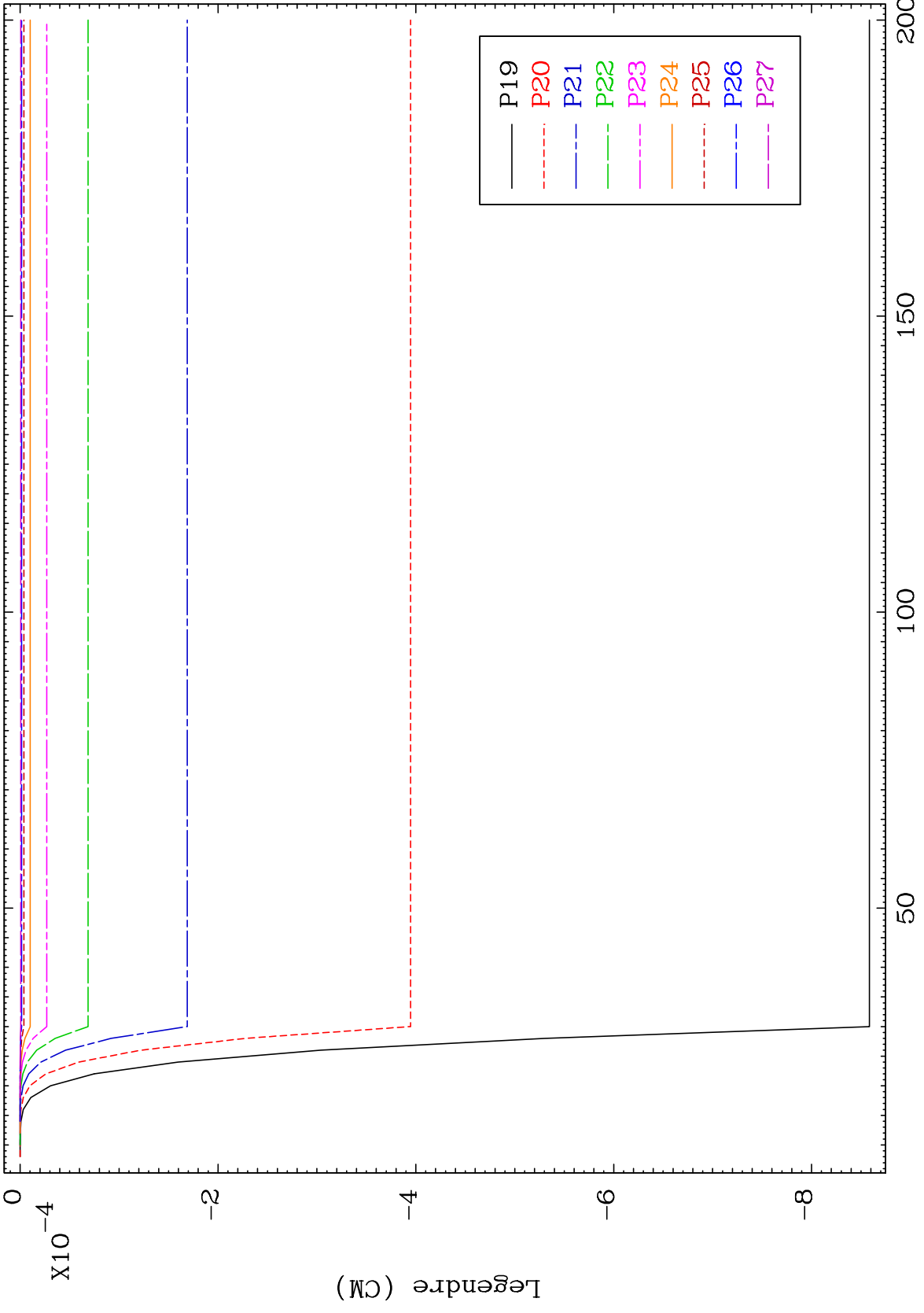
107

31-Ga-74

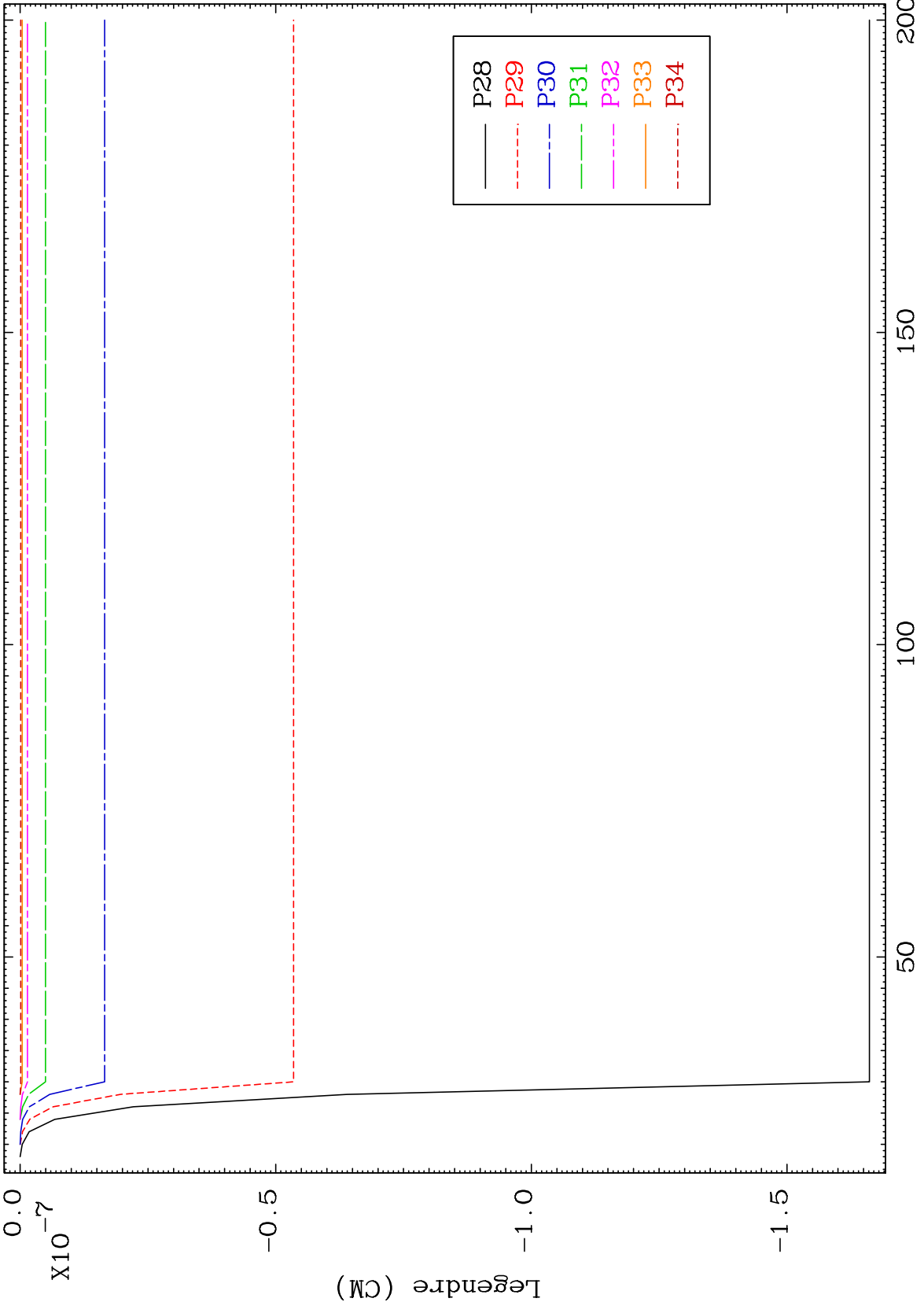
MAT 3140 MT= 78 (n,n') Level Legendre Coefficients 31-Ga-74



108 31-Ga-74



MAT 3140 MT= 78 (n,n') Level Legendre Coefficients 31-Ga-74

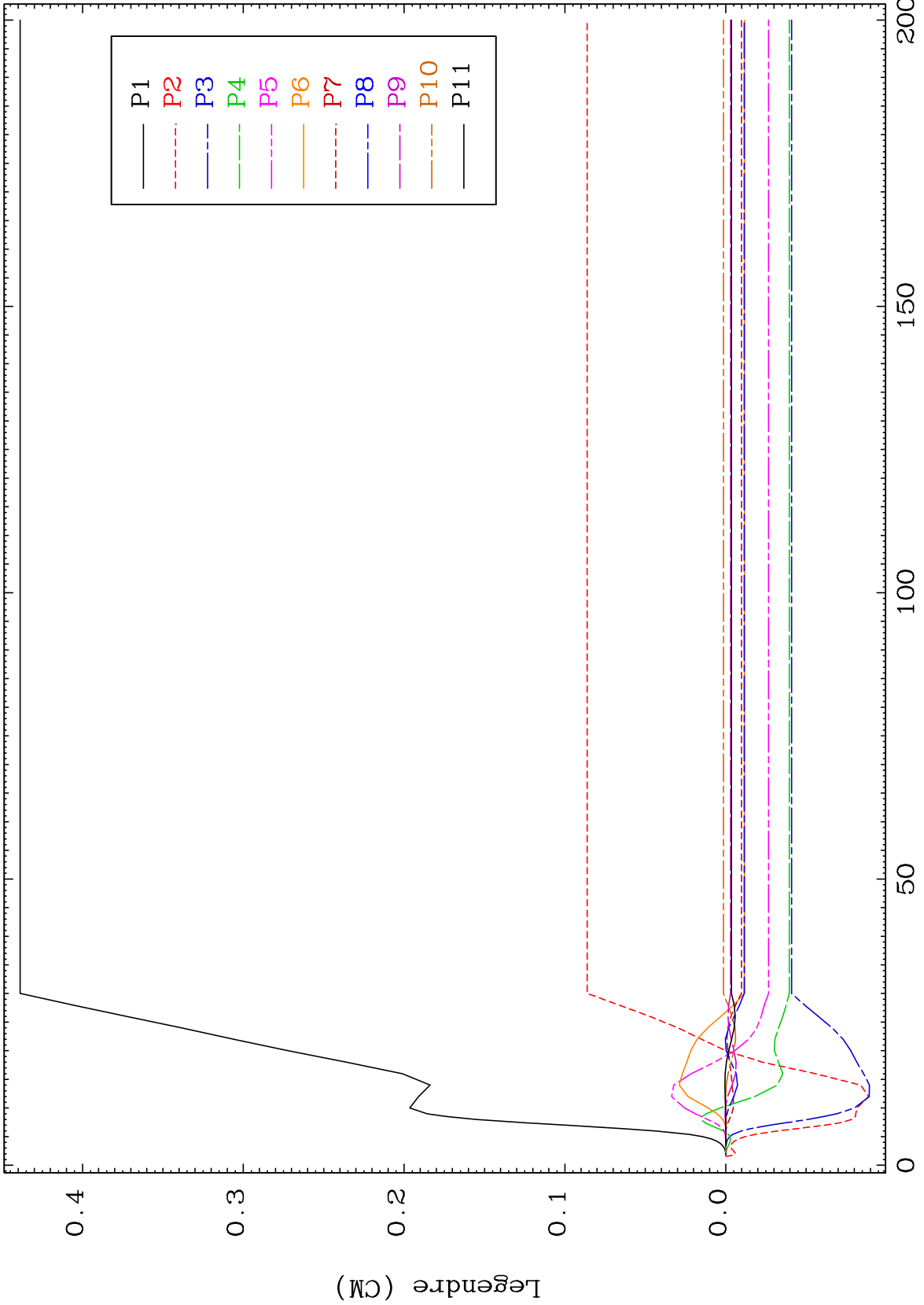


31-Ga-74

MAT 3140

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

31-Ga-74



111

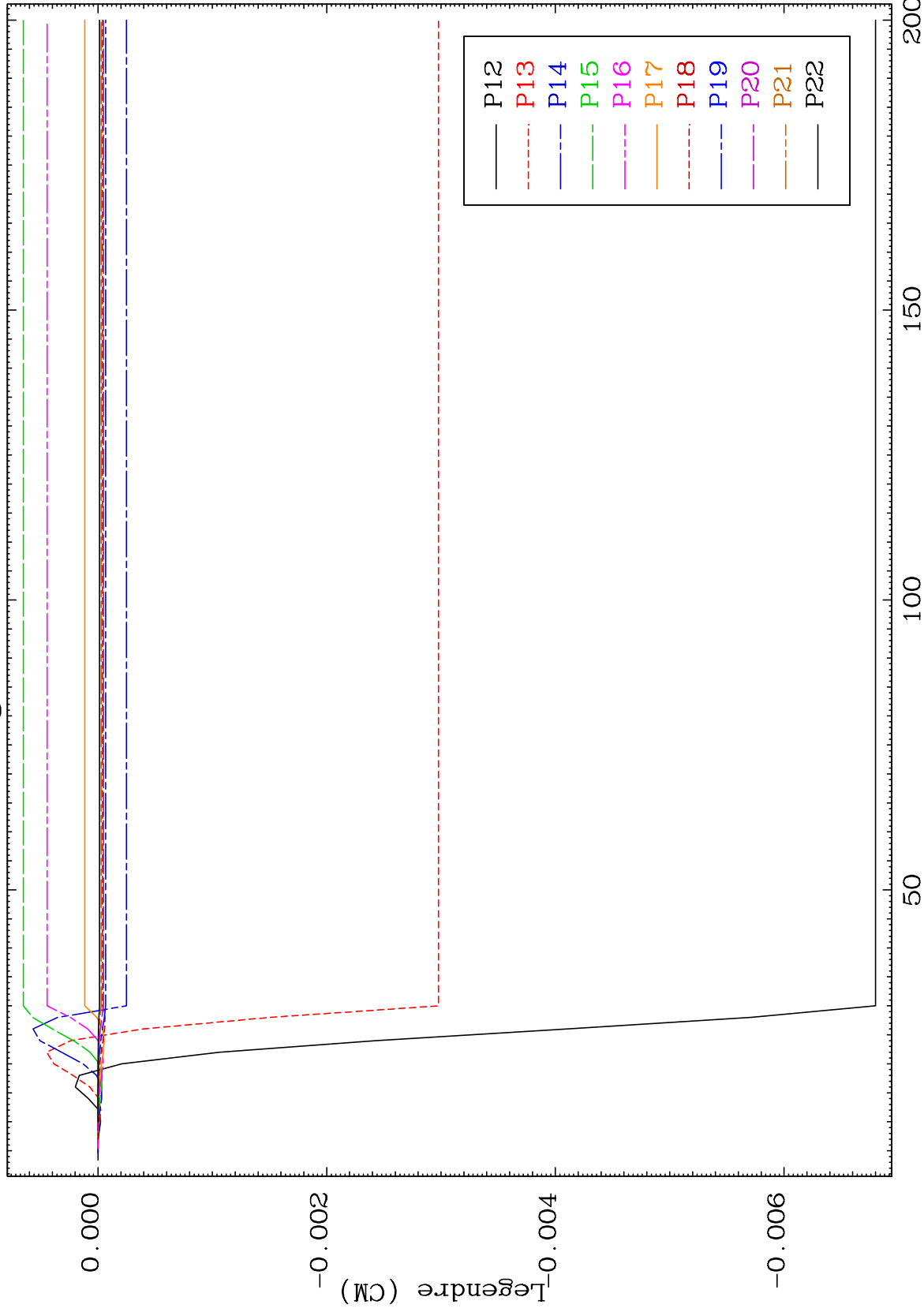
Incident Energy (MeV)

31-Ga-74

MAT 3140

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

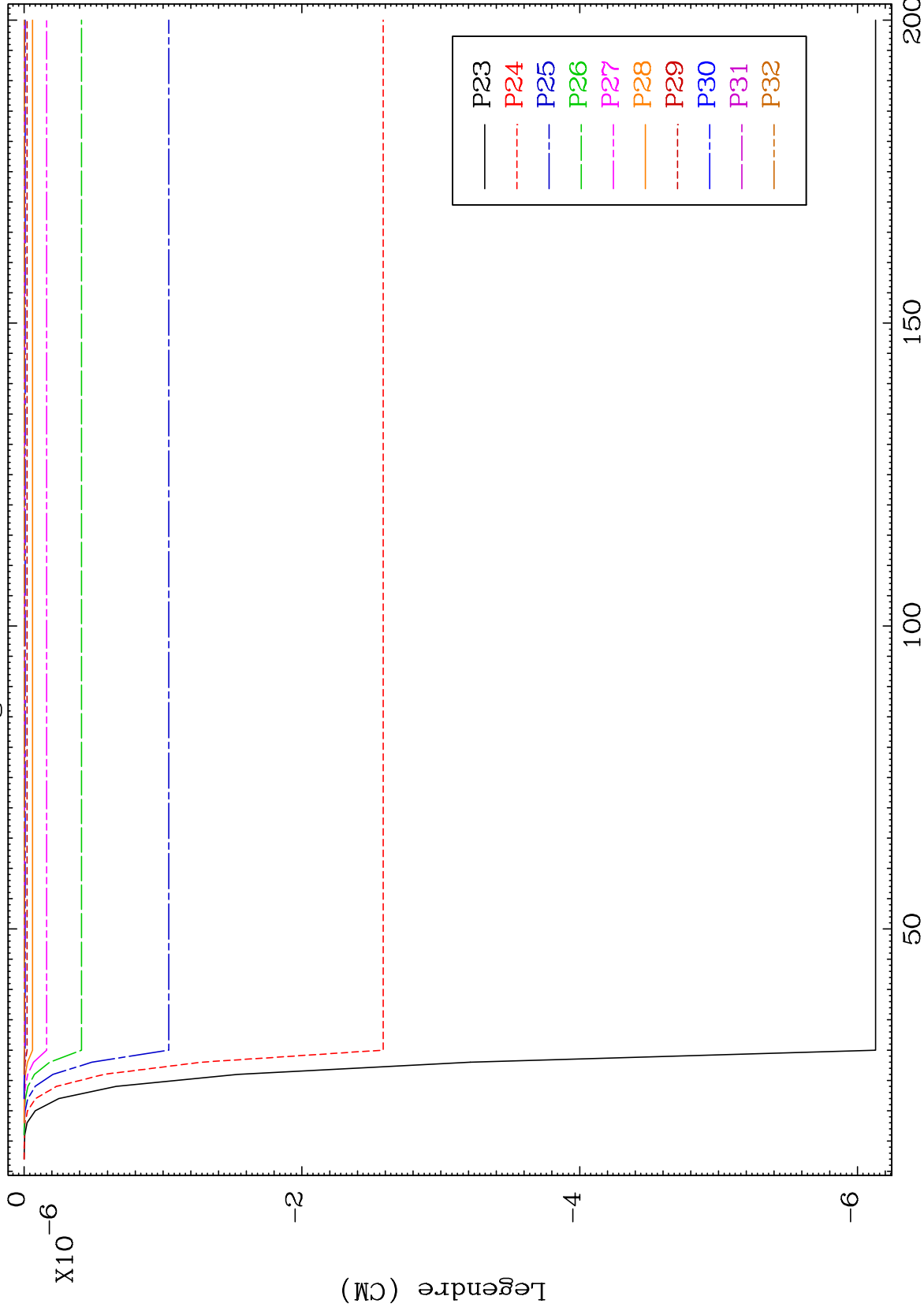
31-Ga-74



112

Incident Energy (MeV)

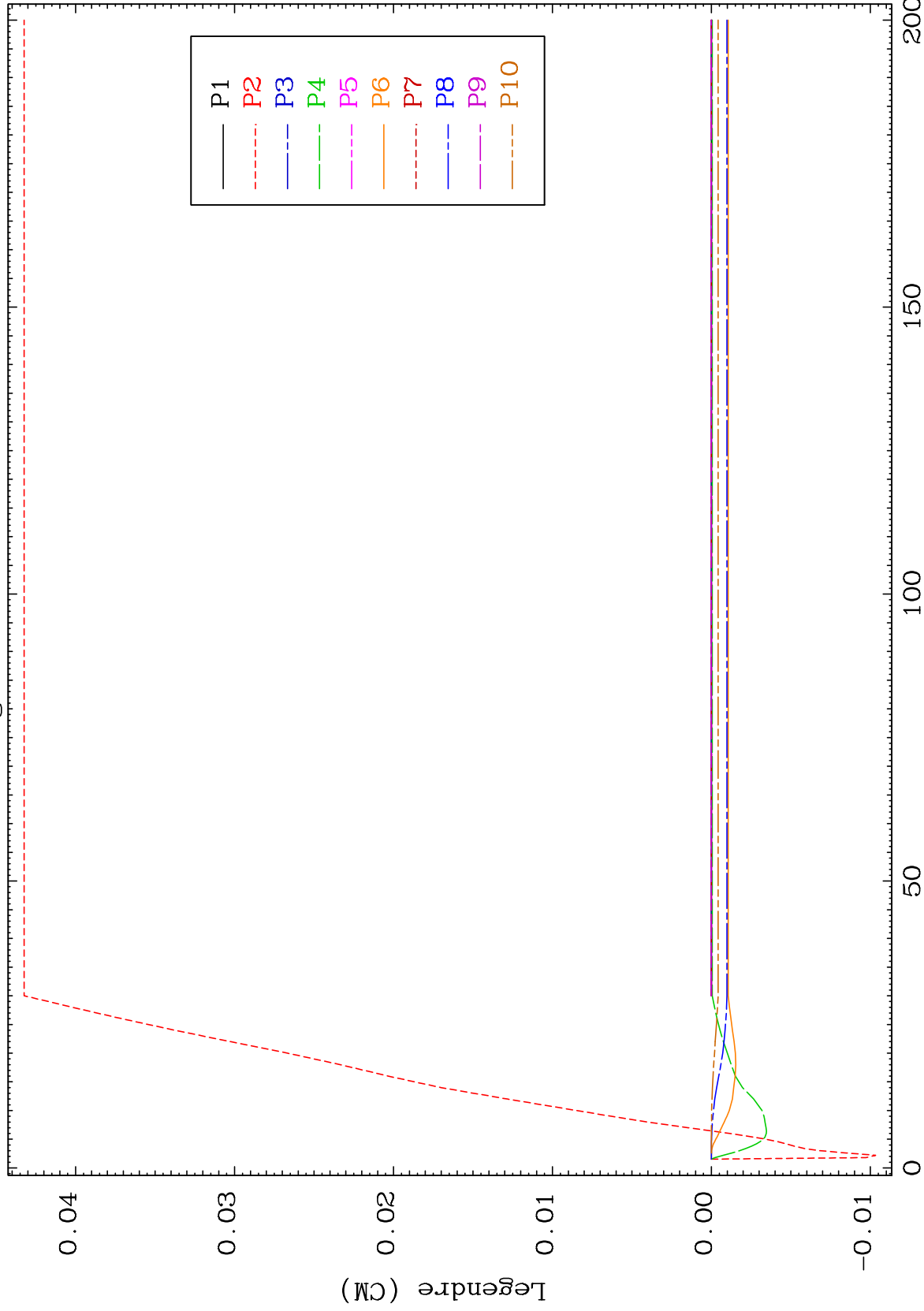
31-Ga-74



MAT 3140

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

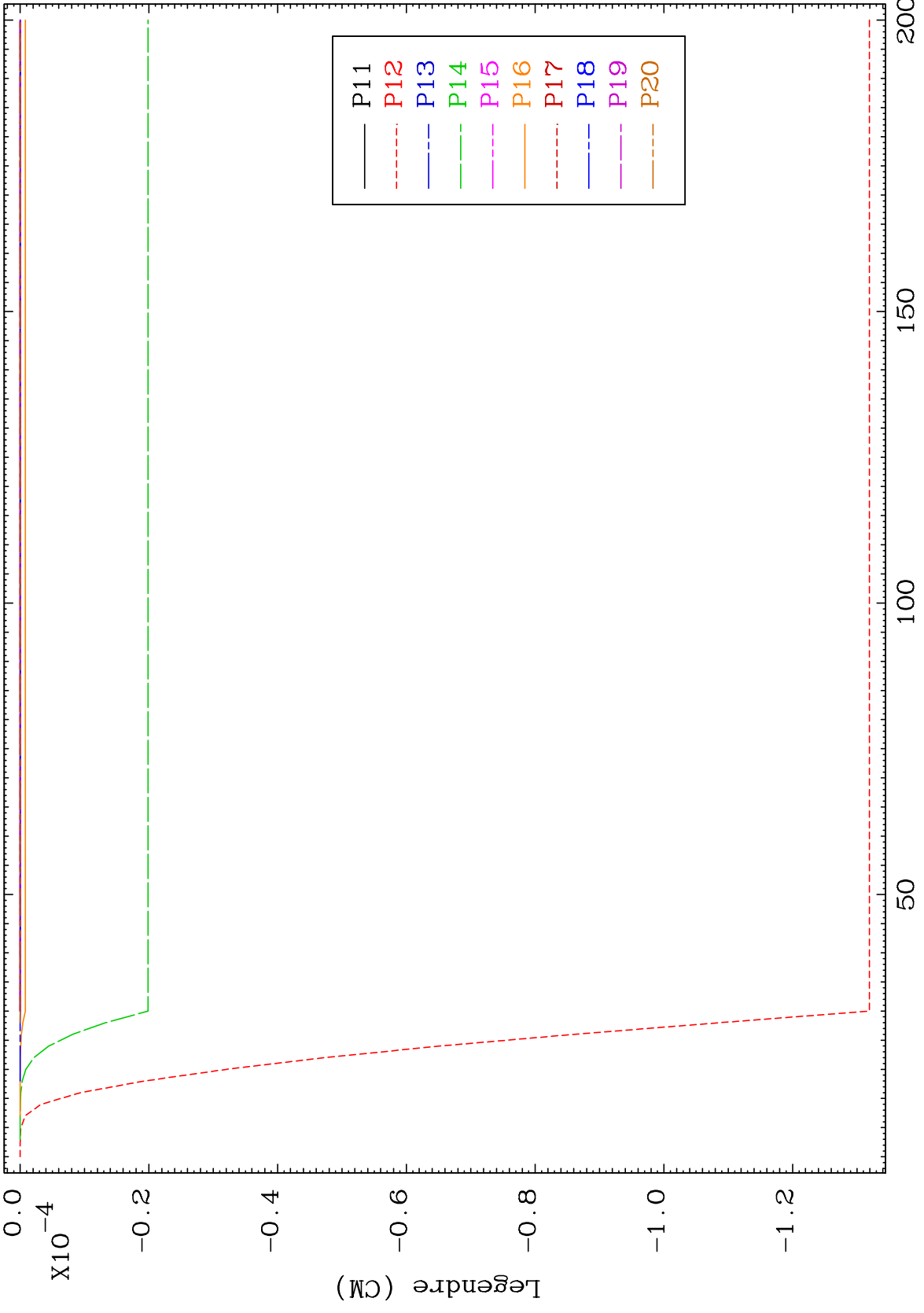
31-Ga-74



114

31-Ga-74

MAT 3140 MT= 80 (n,n') Level Legendre Coefficients 31-Ga-74

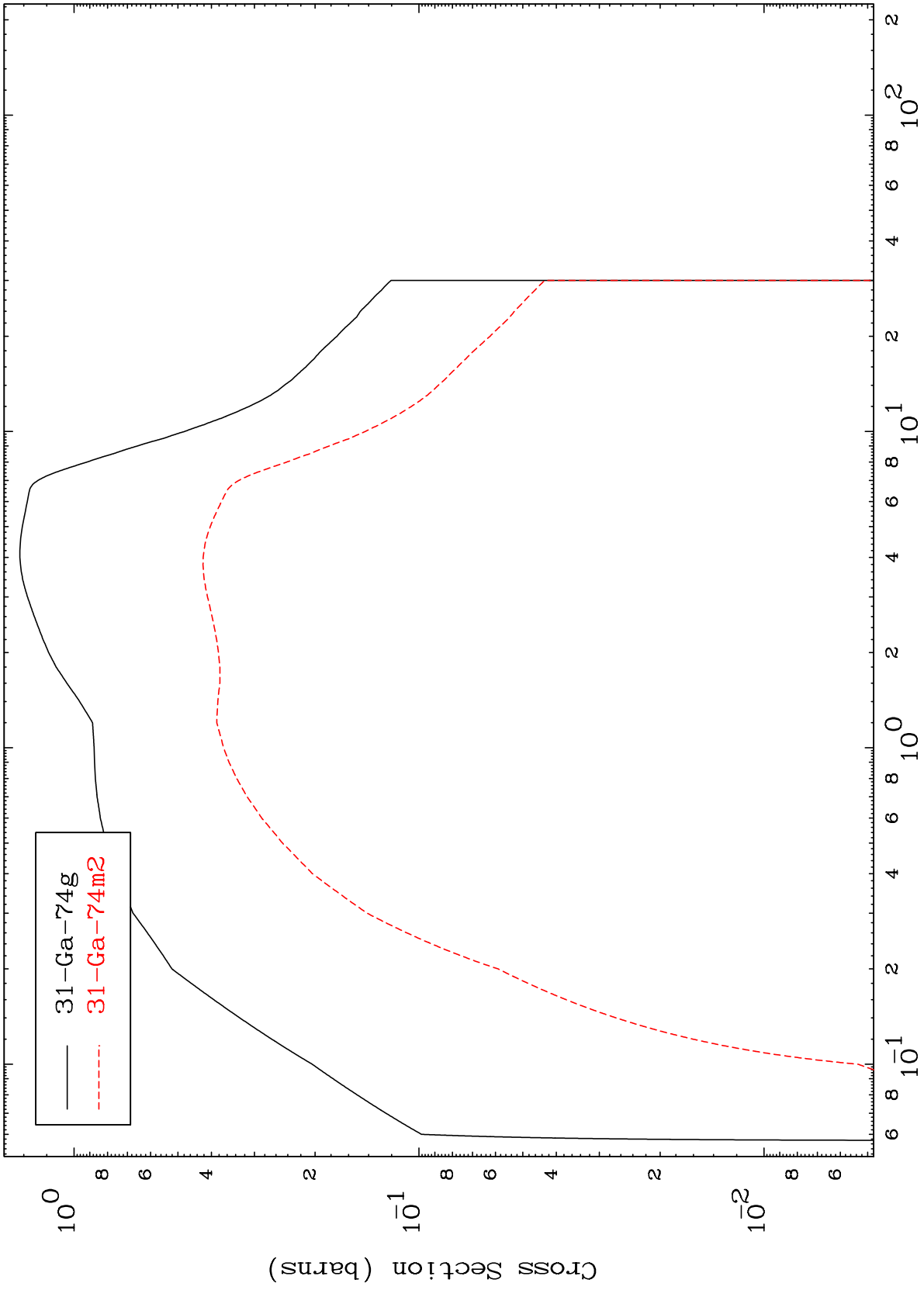


115 31-Ga-74

MAT 3140

³¹Ga-74

Radionuclide Production Cross Section



— 31-Ga-74g
- - - 31-Ga-74m2

116

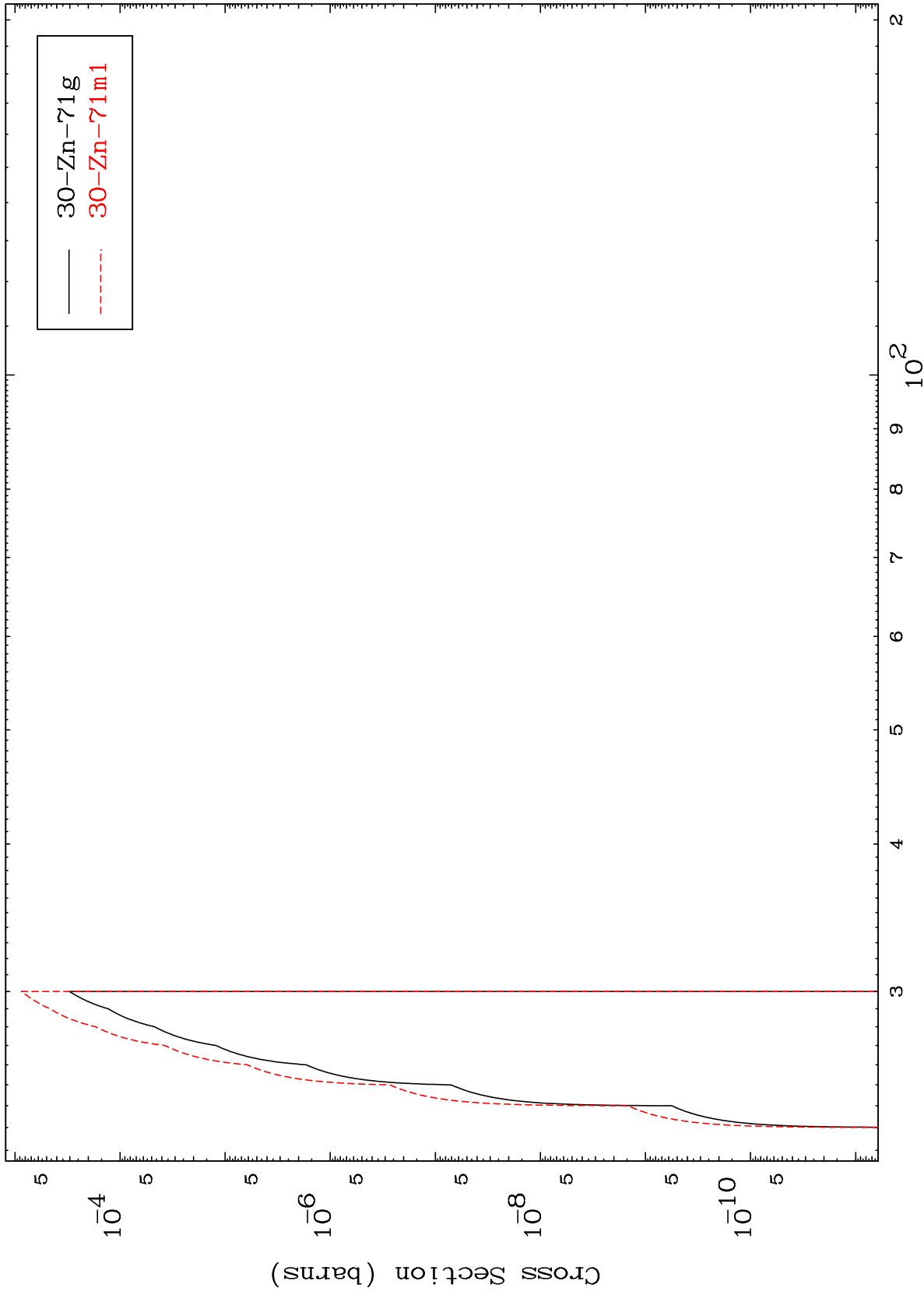
³¹Ga-74

MAT 3140

(n,2n) d

31-Ga-74

Radionuclide Production Cross Section



117

Incident Energy (MeV)

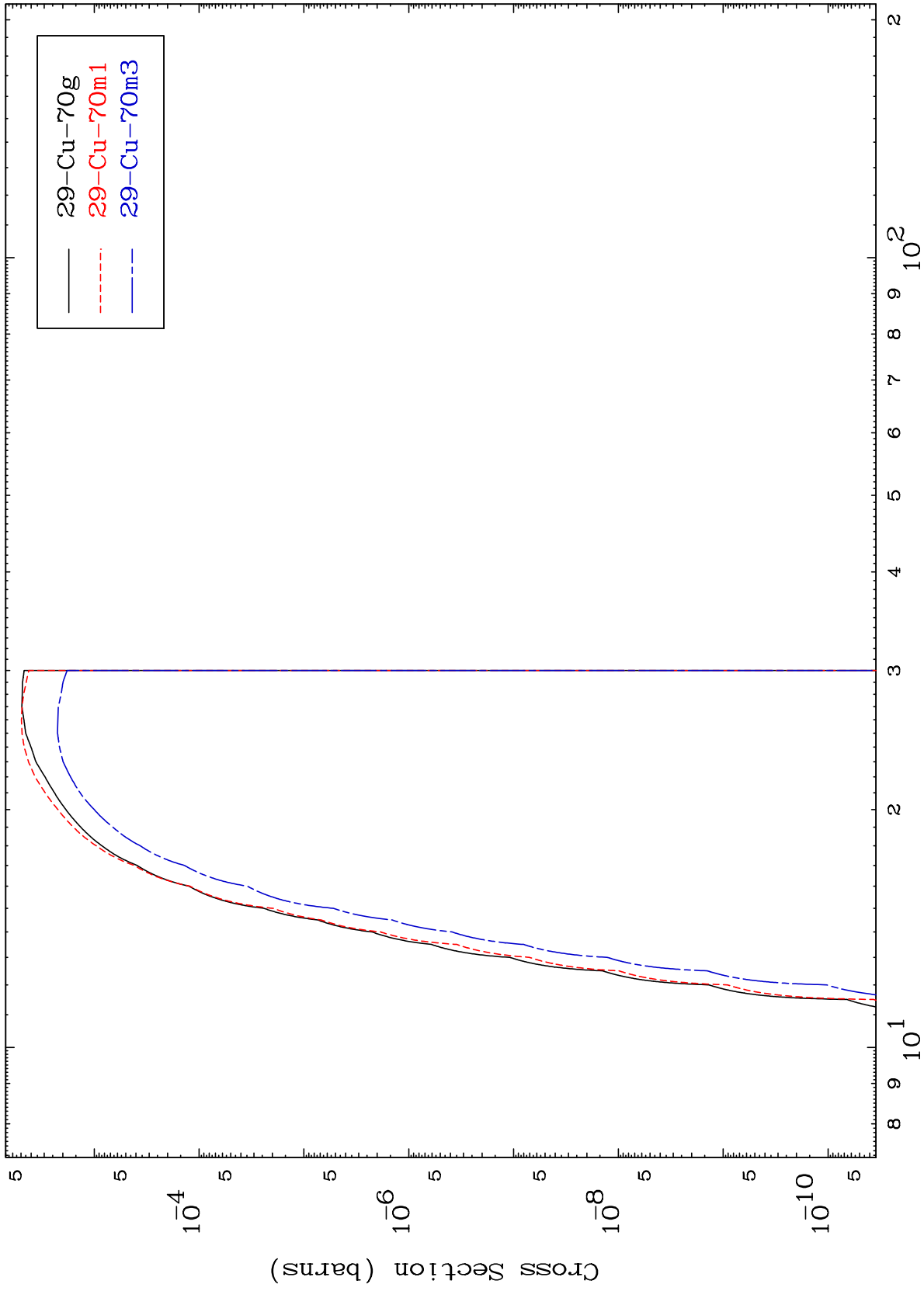
31-Ga-74

MAT 3140

(n,n') α

31-Ga-74

Radionuclide Production Cross Section

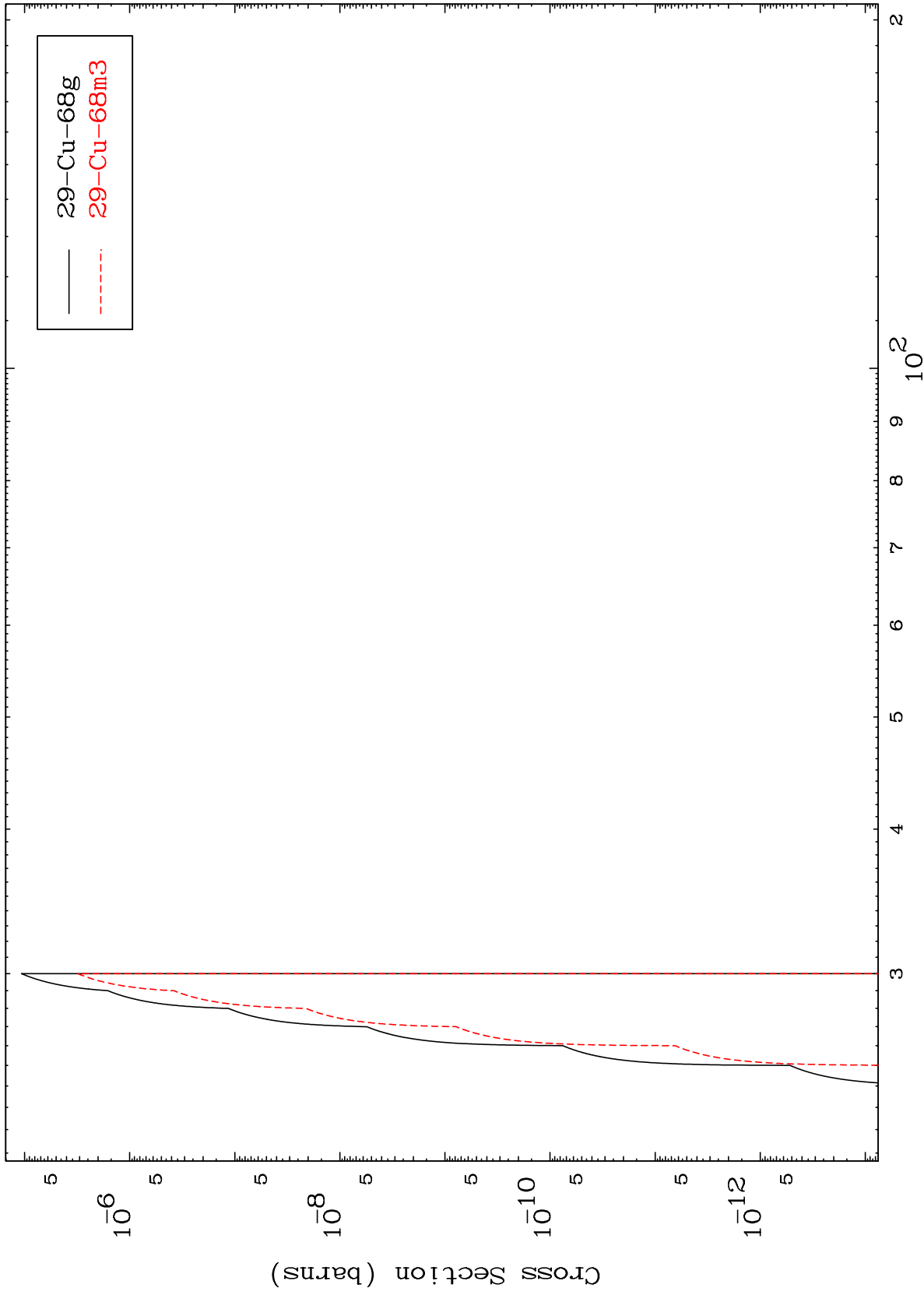


118

Incident Energy (MeV)

31-Ga-74

Radionuclide Production Cross Section

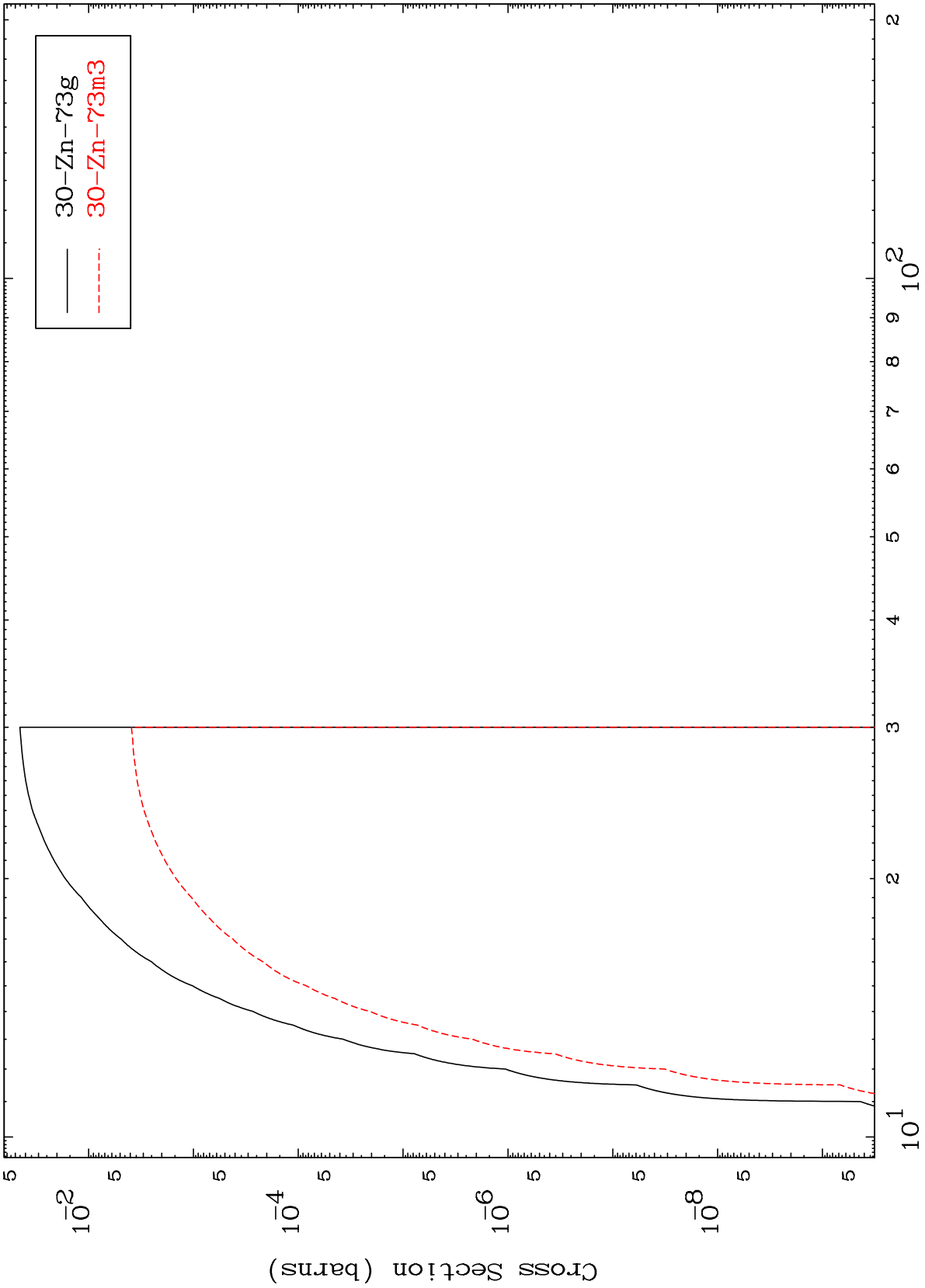


MAT 3140

(n,n') p

31-Ga-74

Radionuclide Production Cross Section



Incident Energy (MeV)

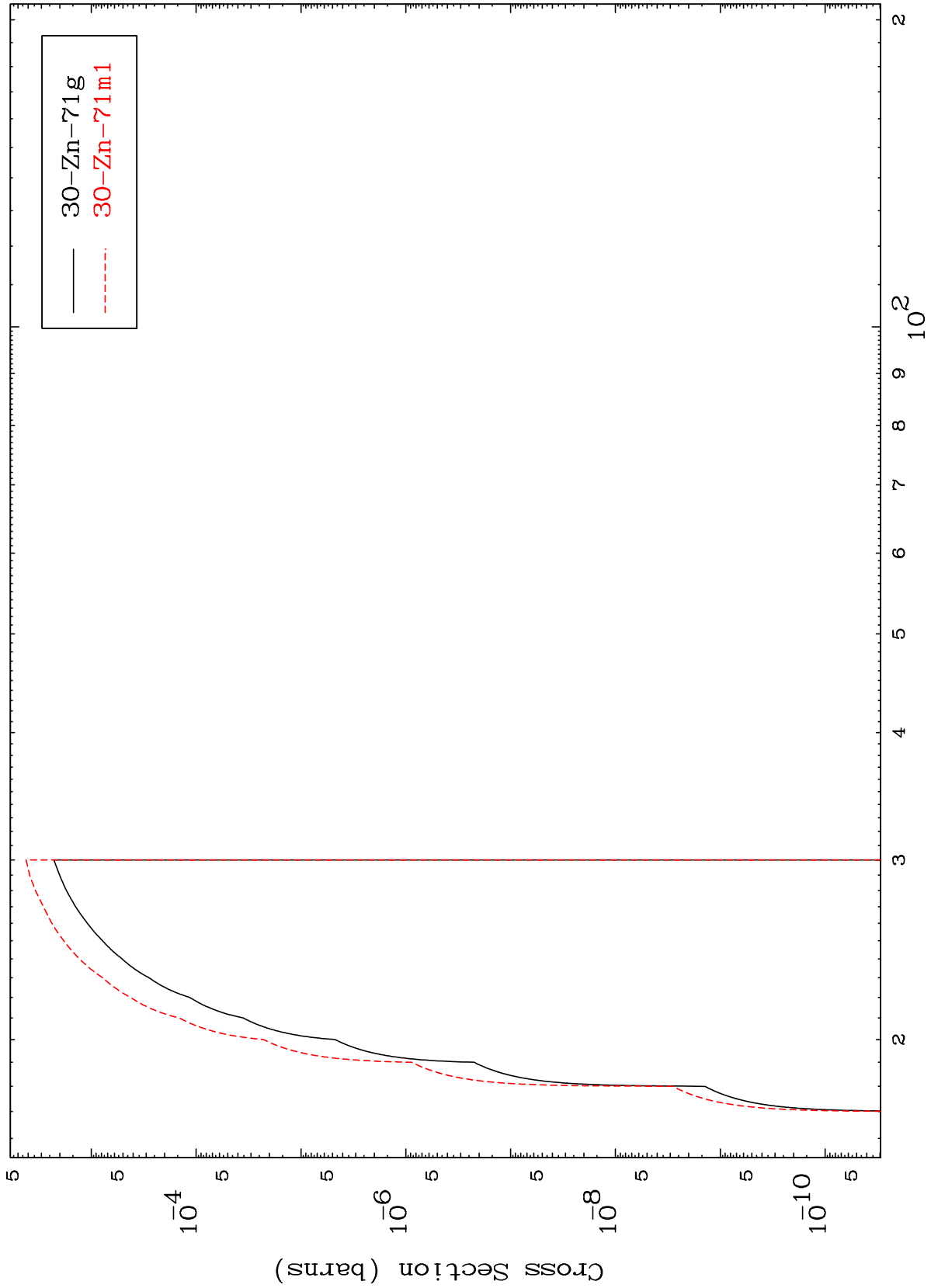
31-Ga-74

MAT 3140

(n,n') t

31-Ga-74

Radionuclide Production Cross Section



121

Incident Energy (MeV)

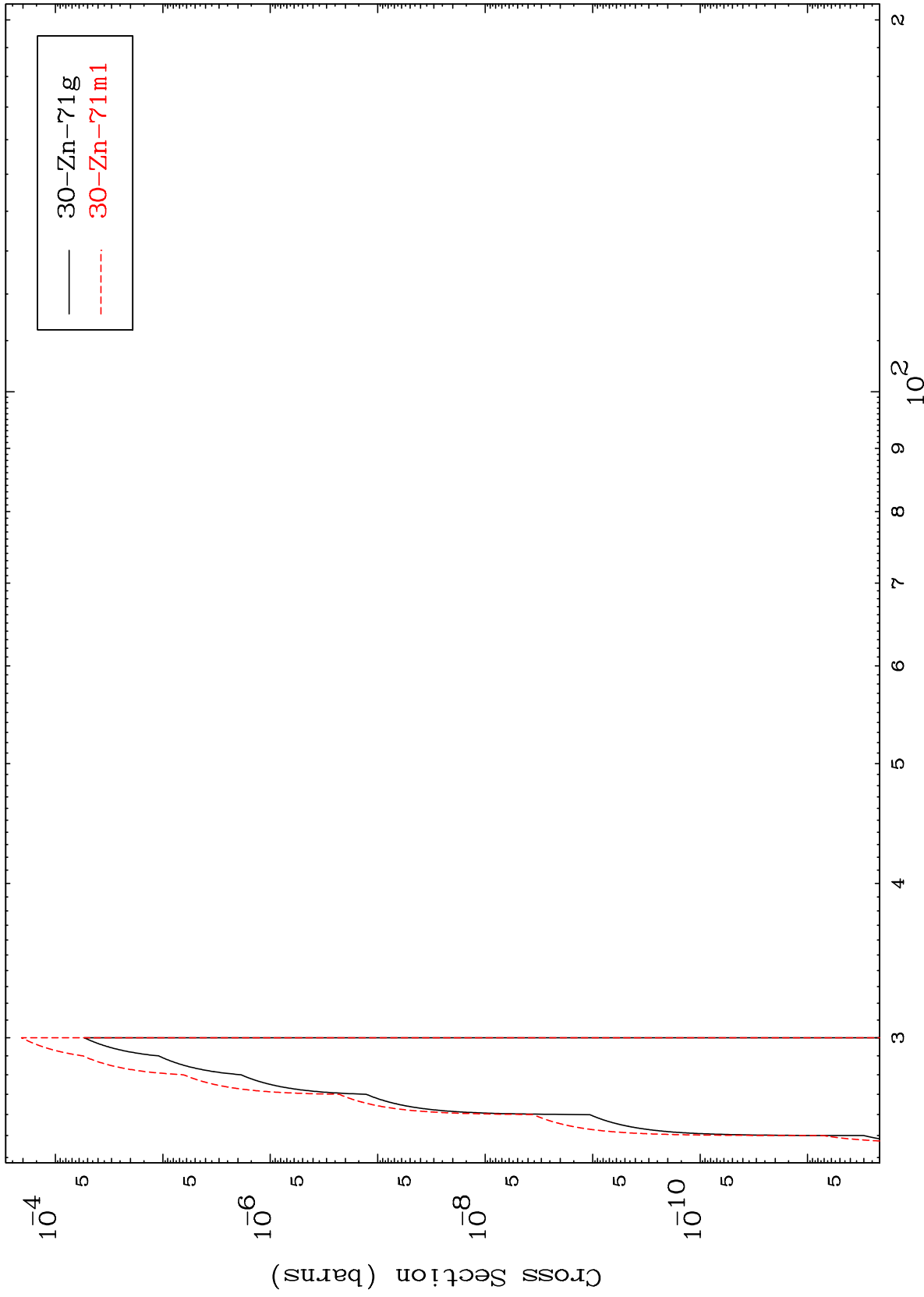
31-Ga-74

MAT 3140

(n,3n) p

31-Ga-74

Radionuclide Production Cross Section



122

Incident Energy (MeV)

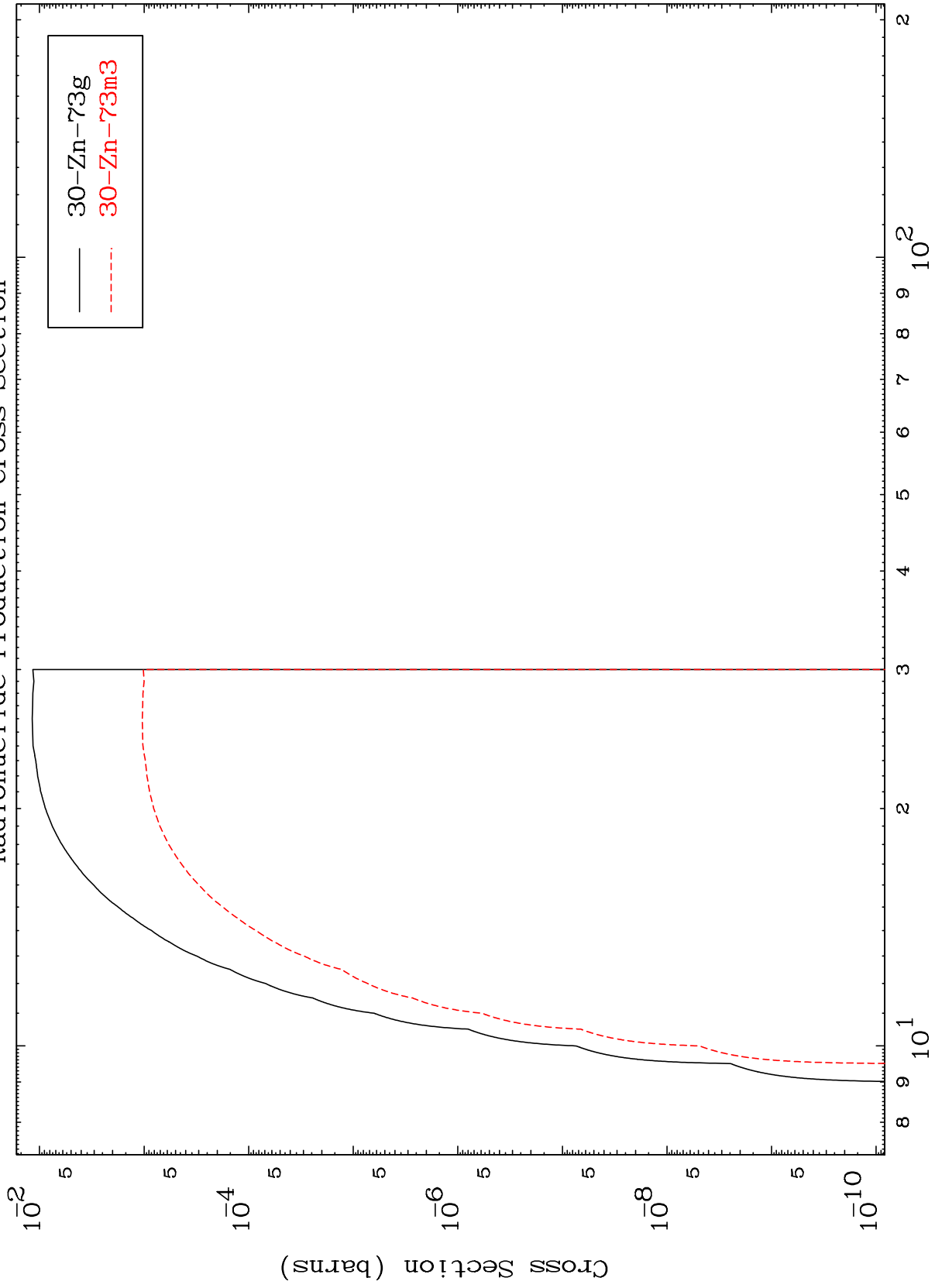
31-Ga-74

MAT 3140

(n,d)

31-Ga-74

Radionuclide Production Cross Section



123

Incident Energy (MeV)

31-Ga-74