

Program EVALPLOT
(Version 2018-1)

by

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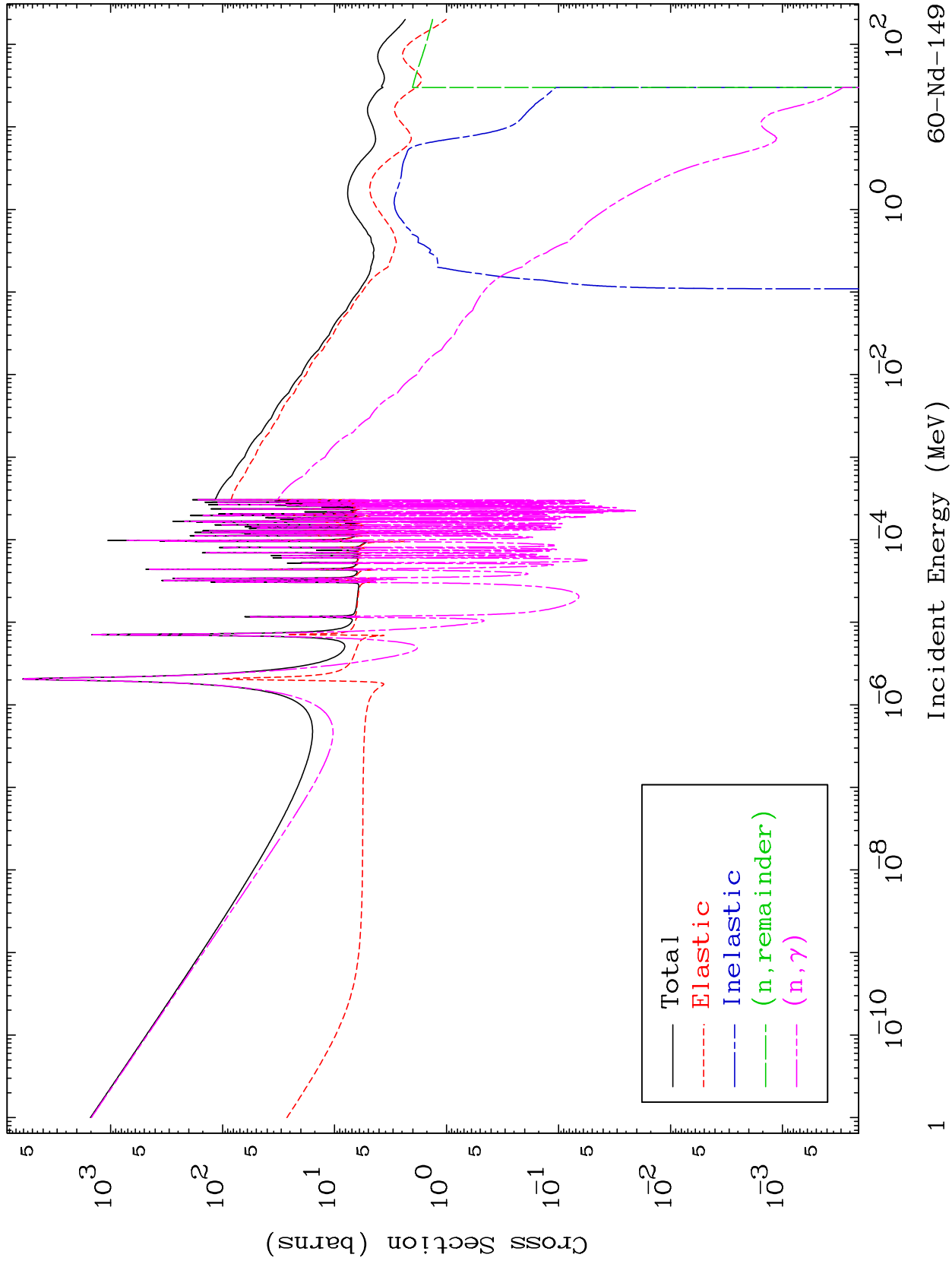
Press Mouse Button to Start

MAT 6046

Major

293 Kelvin Cross Sections

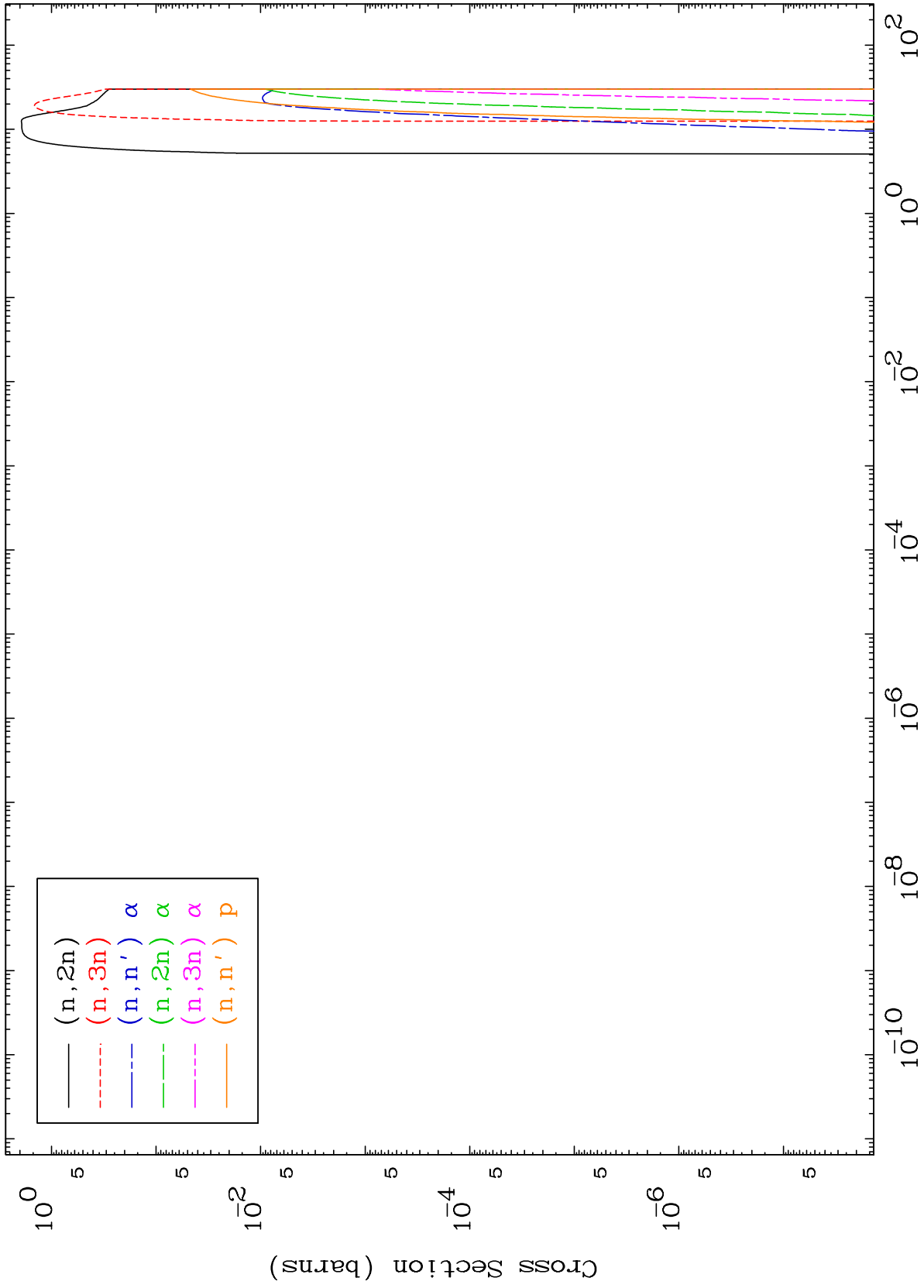
60-Nd-149



MAT 6046

Neutron Production
293 Kelvin Cross Sections

60-Nd-149



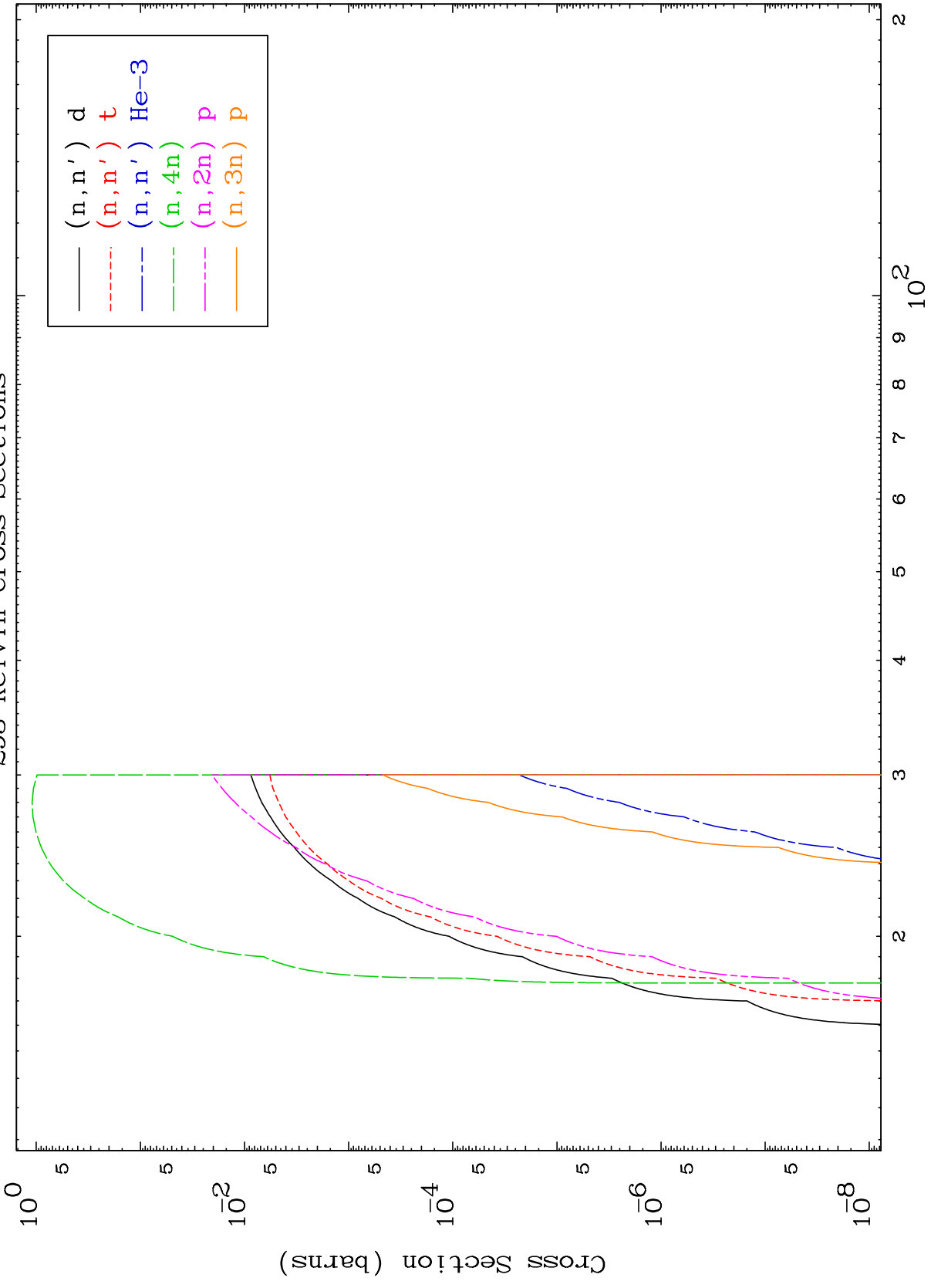
2

60-Nd-149

MAT 6046

Neutron Production
293 Kelvin Cross Sections

60-Nd-149



3

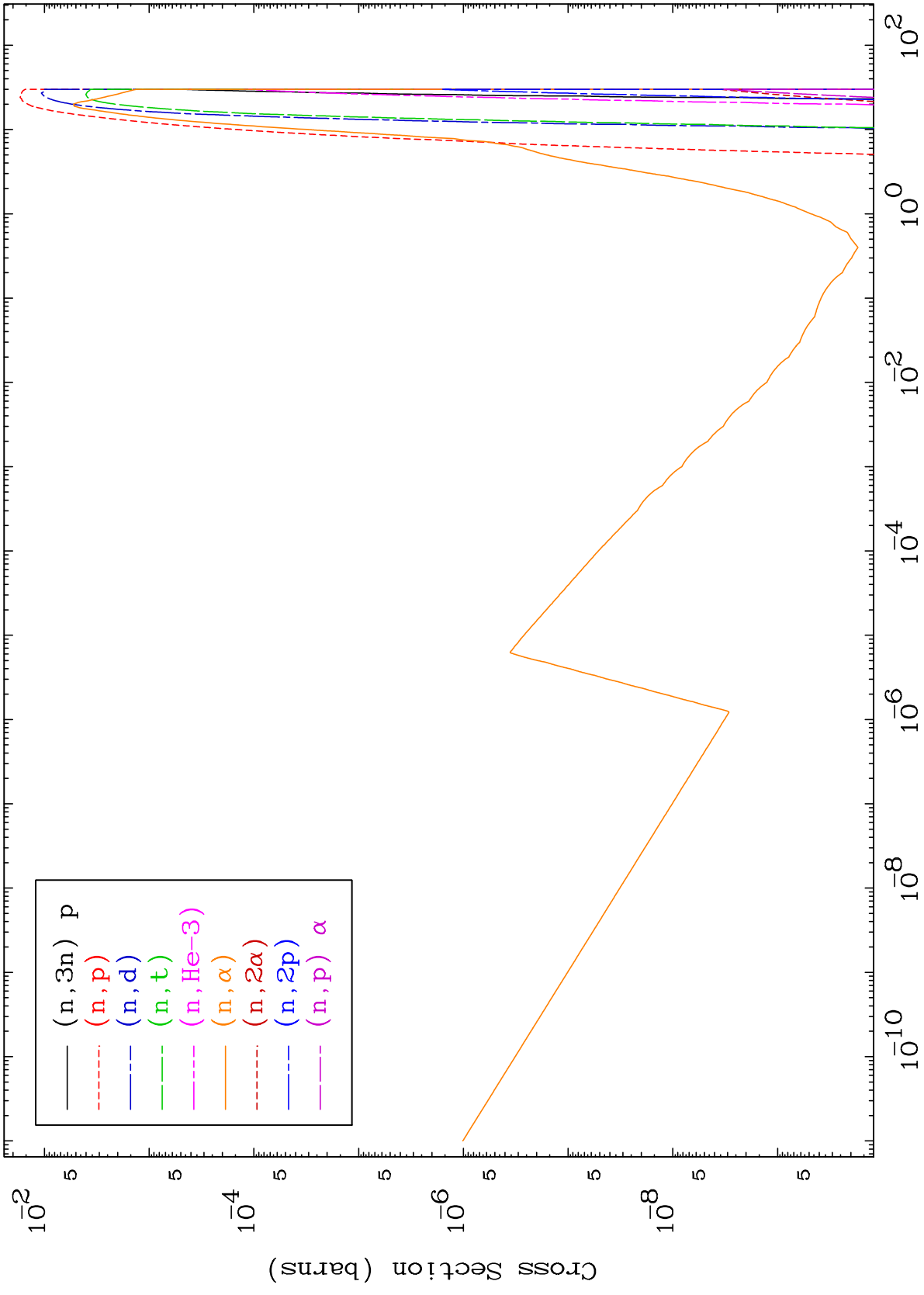
Incident Energy (MeV)

60-Nd-149

MAT 6046

Charged Particle
293 Kelvin Cross Sections

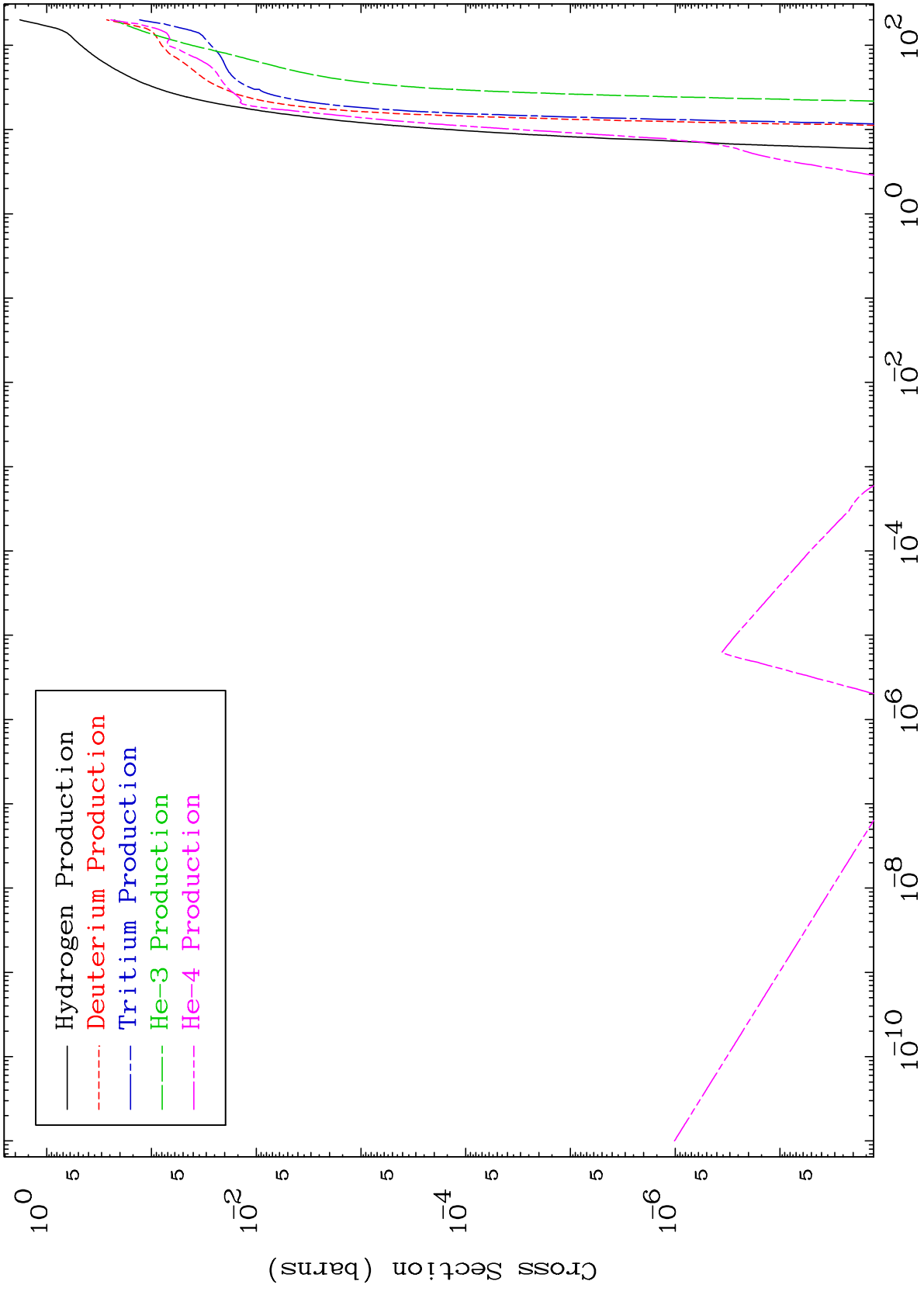
60-Nd-149



MAT 6046

Particle Production
293 Kelvin Cross Sections

60-Nd-149



6

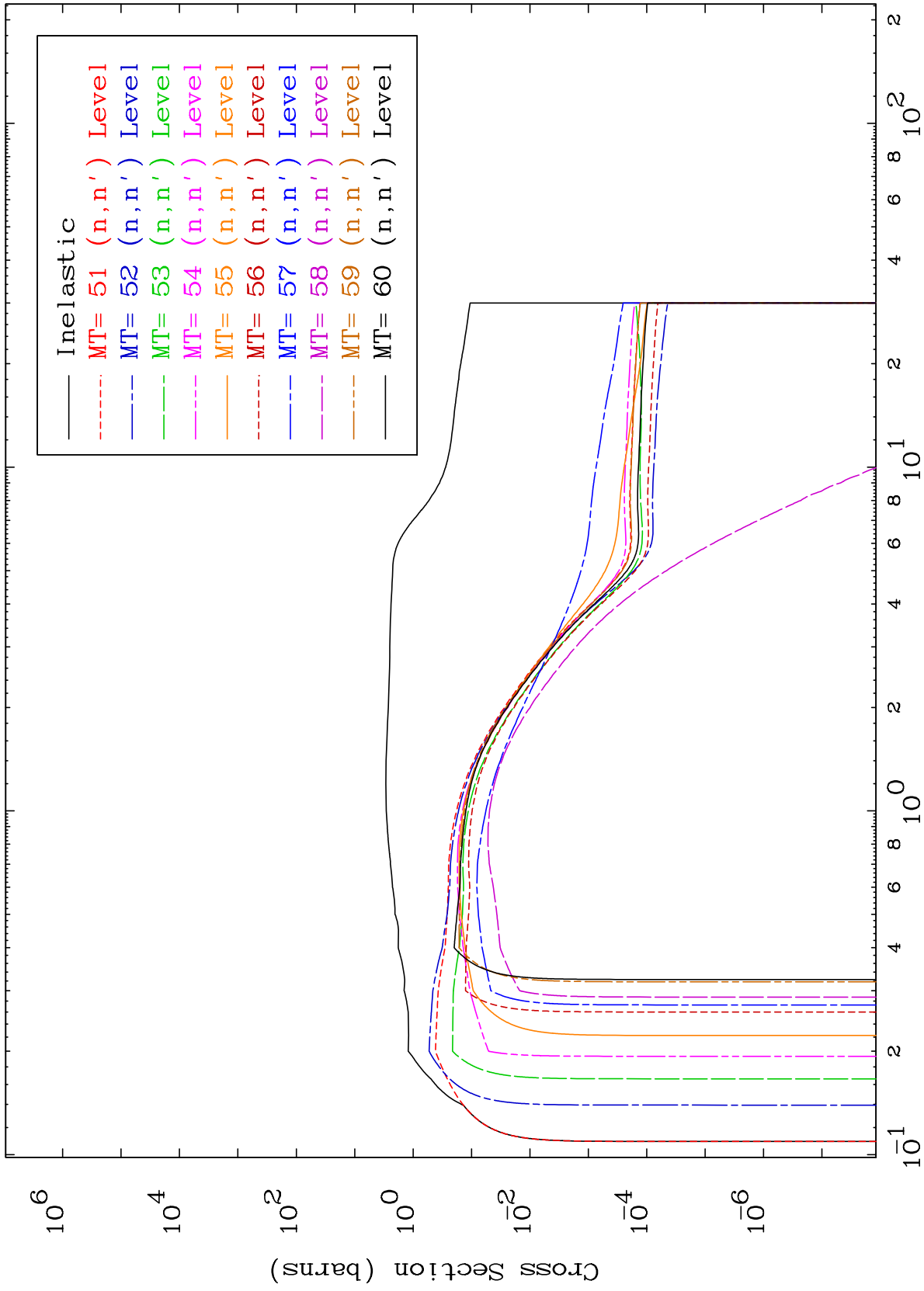
60-Nd-149

MAT 6046

(n,n') Level

60-Nd-149

293 Kelvin Cross Sections



Incident Energy (MeV)

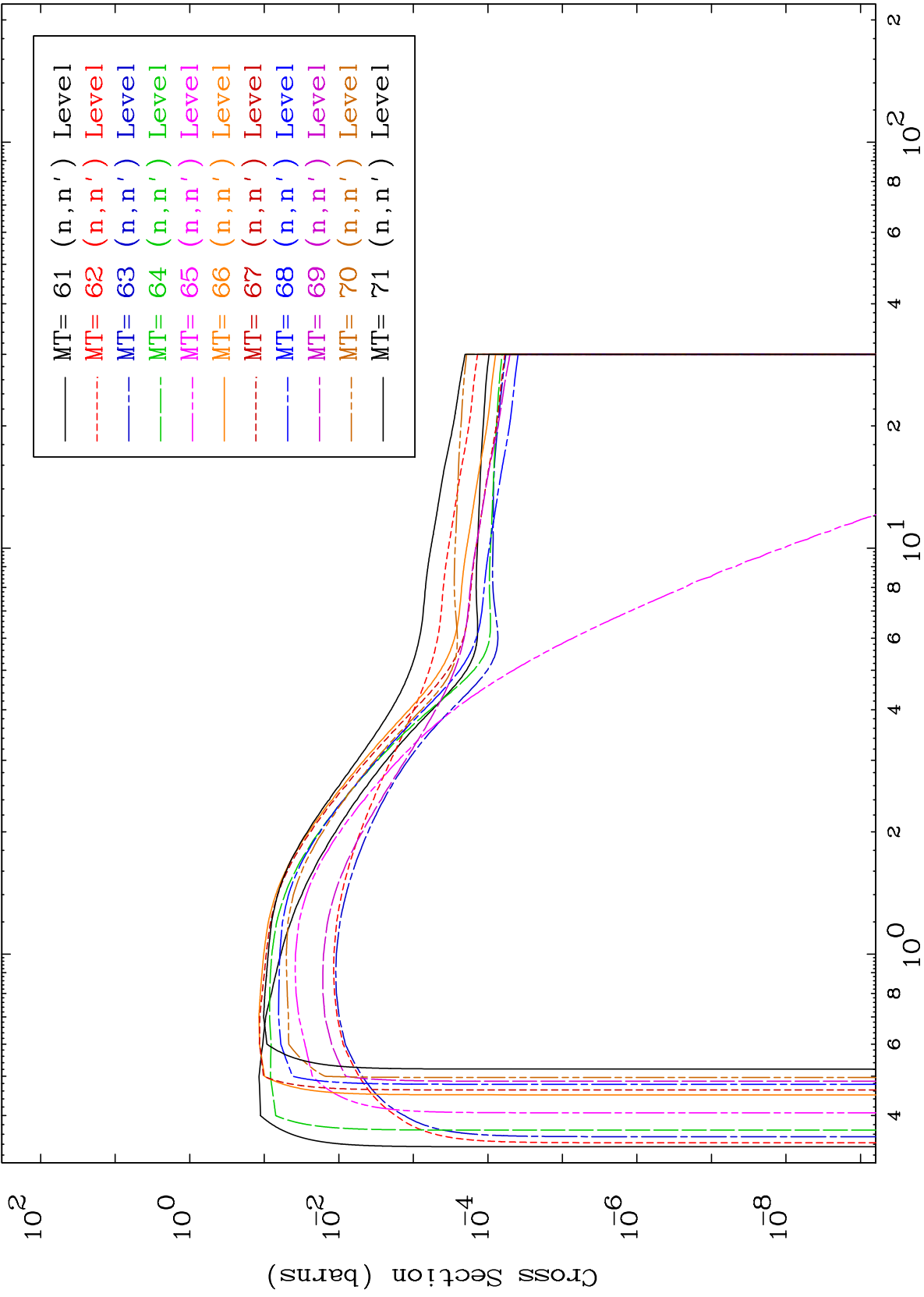
60-Nd-149

MAT 6046

(n,n') Level

60-Nd-149

293 Kelvin Cross Sections



8

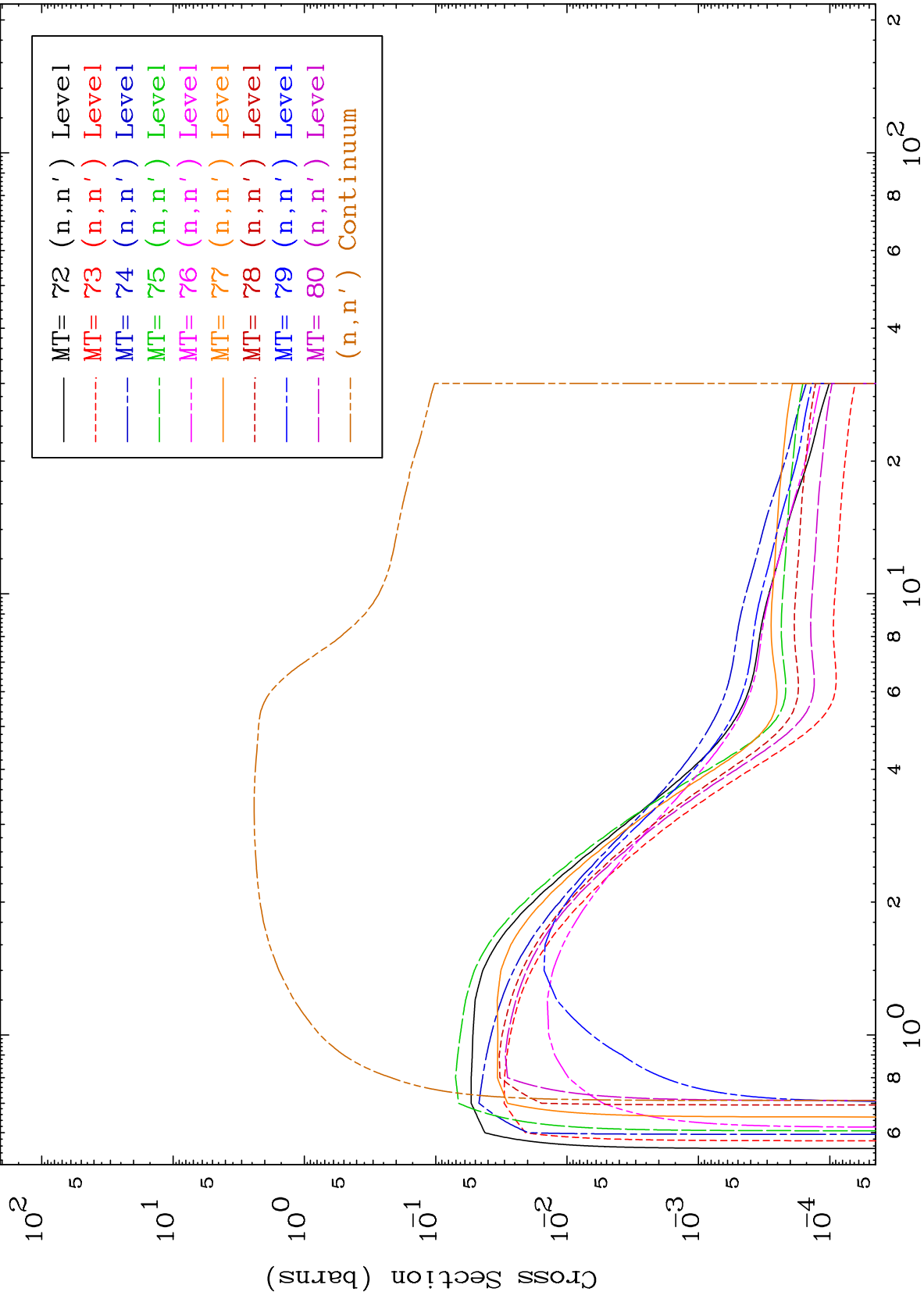
Incident Energy (MeV)

60-Nd-149

MAT 6046

(n,n') Level
293 Kelvin Cross Sections

60-Nd-149



9

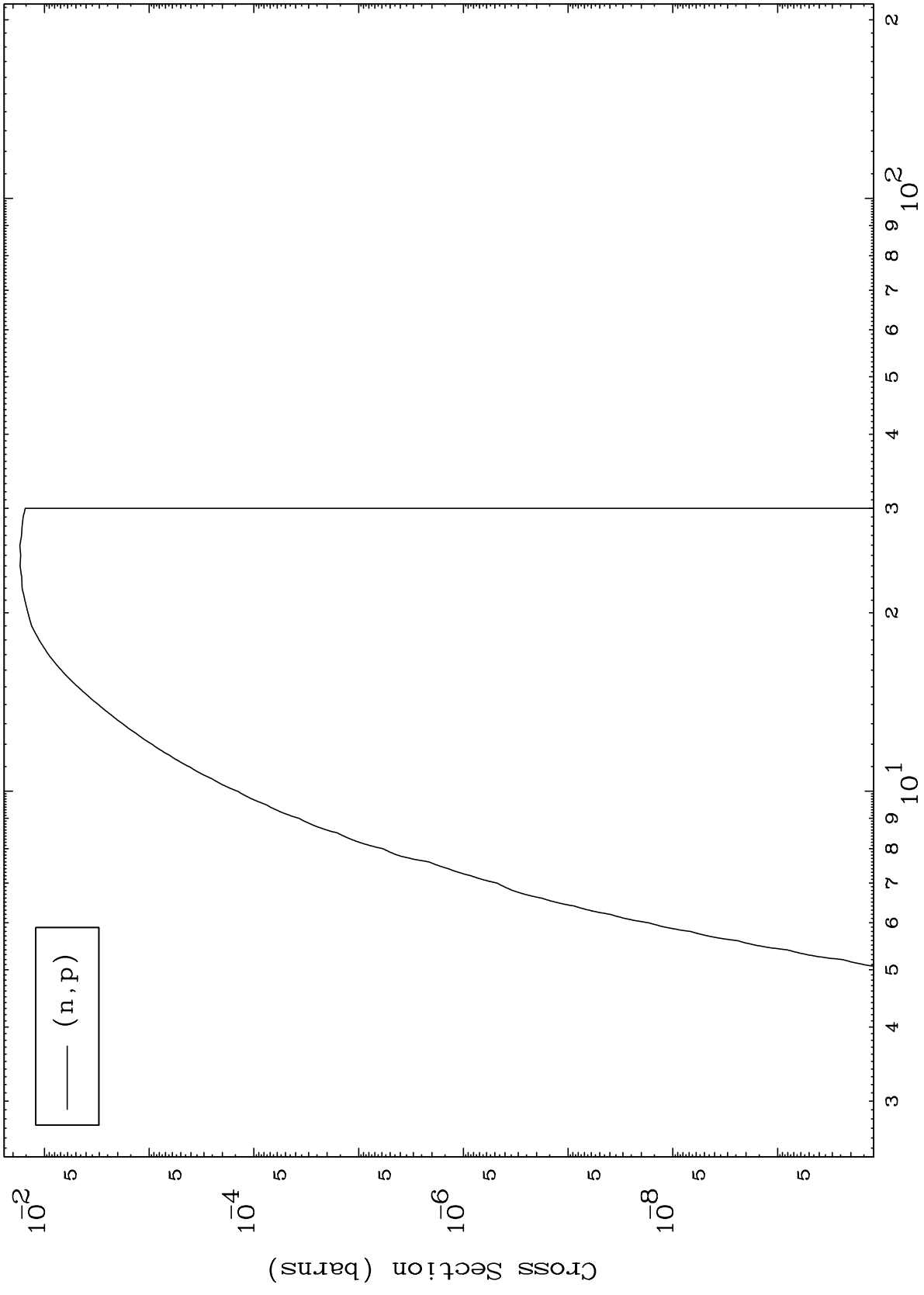
Incident Energy (MeV)

60-Nd-149

MAT 6046

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-149



(n,p)

10

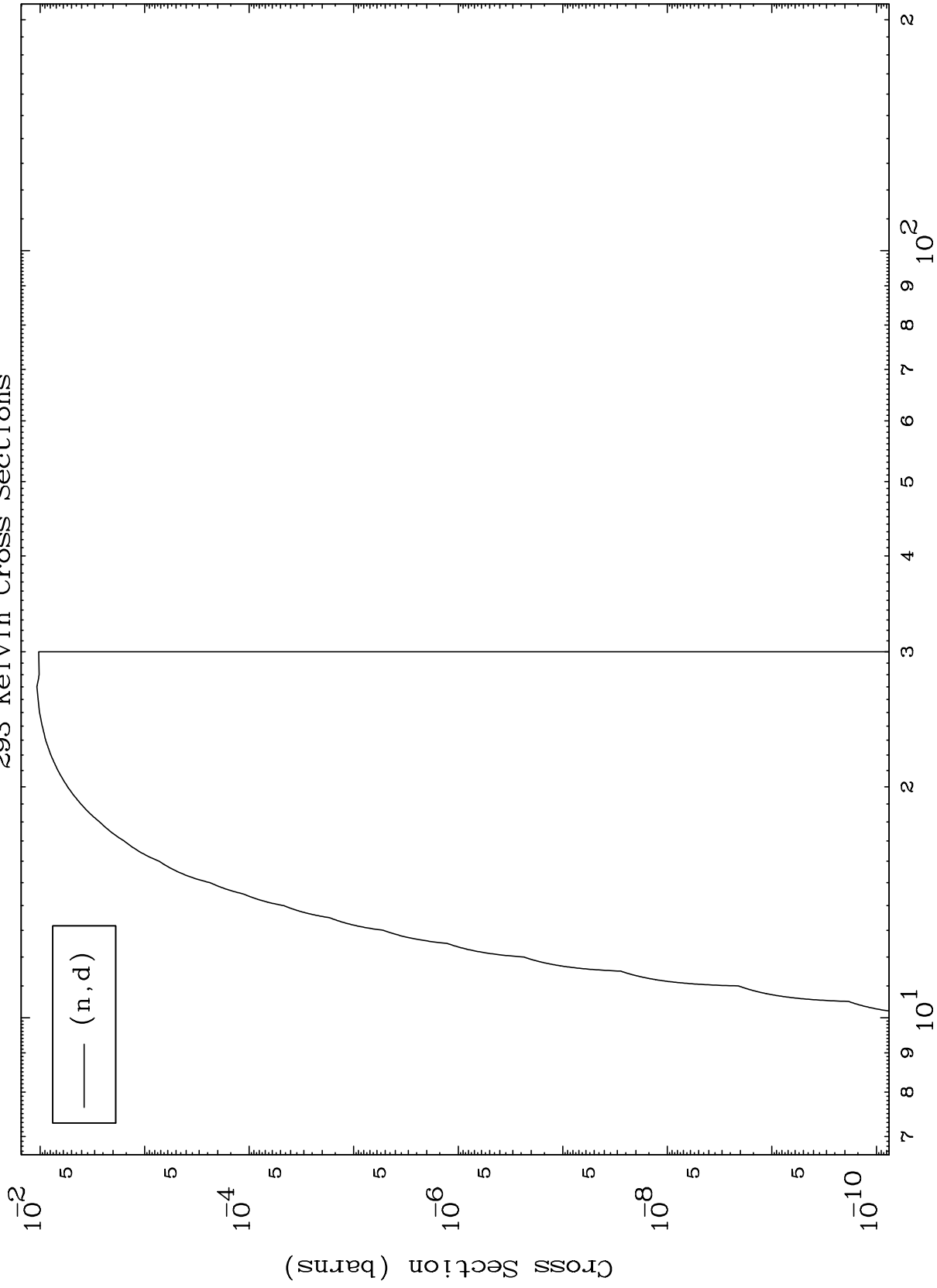
Incident Energy (MeV)

60-Nd-149

MAT 6046

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-149



11

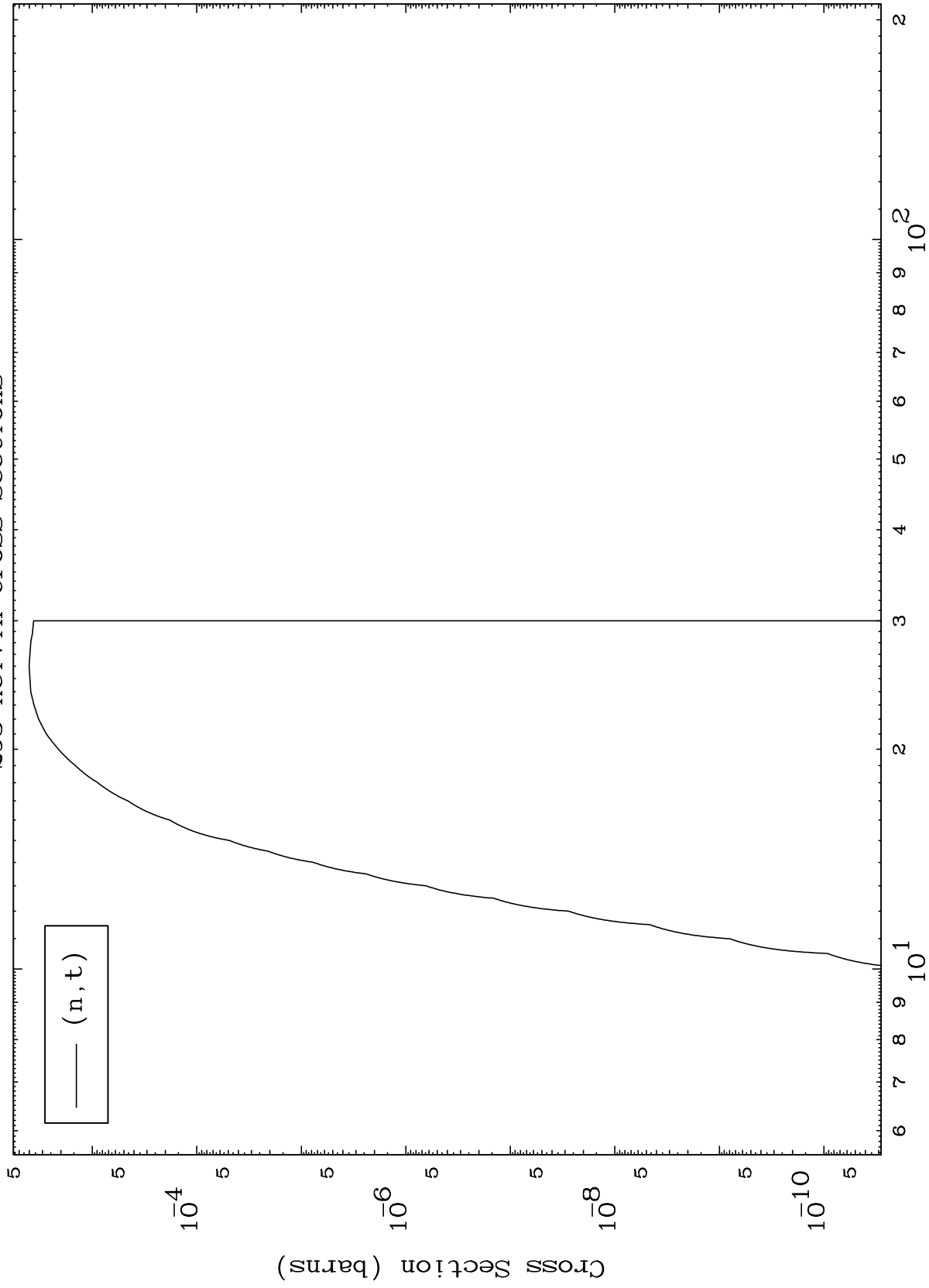
Incident Energy (MeV)

60-Nd-149

MAT 6046

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-149



12

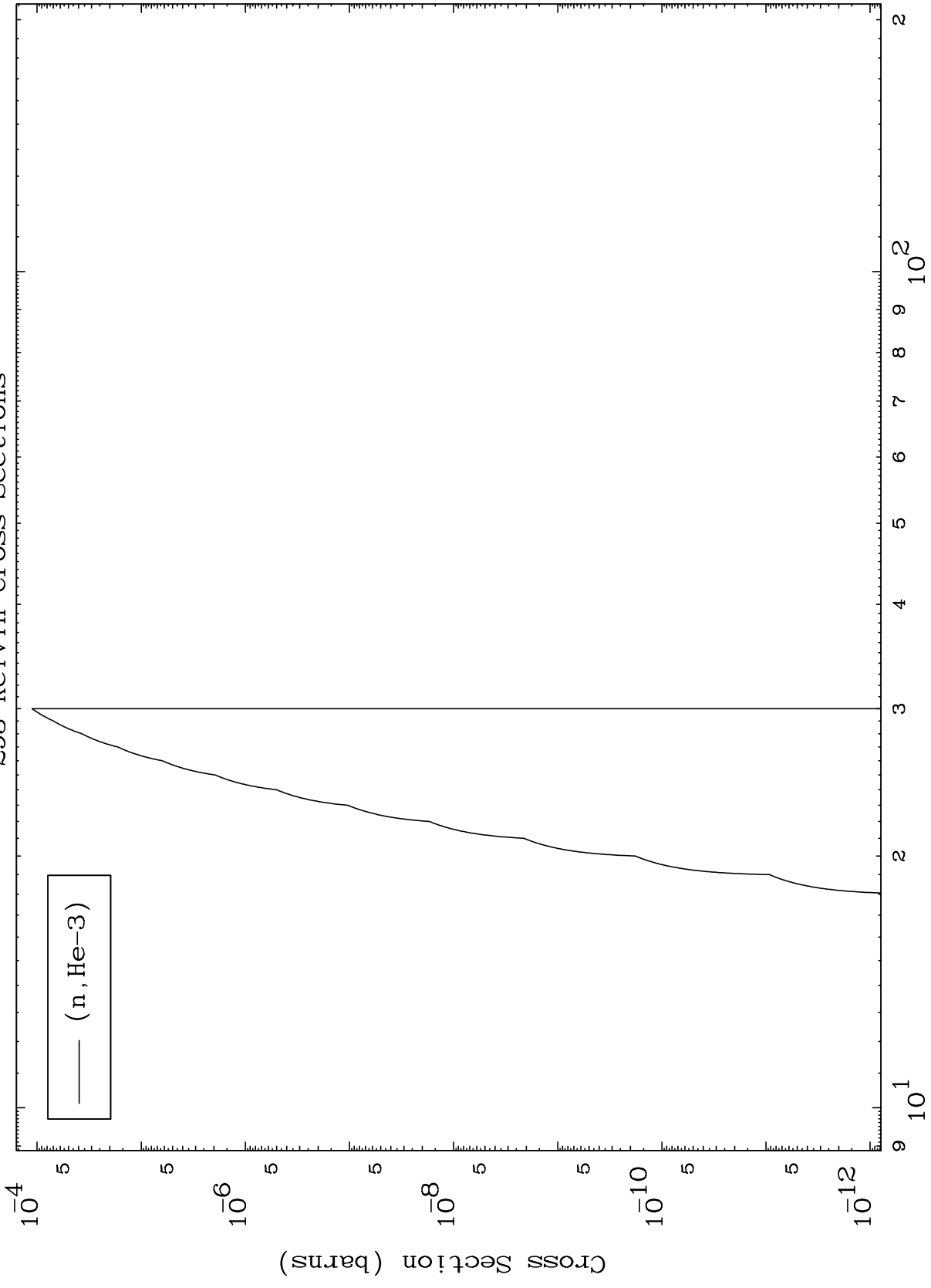
Incident Energy (MeV)

60-Nd-149

MAT 6046

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-149



13

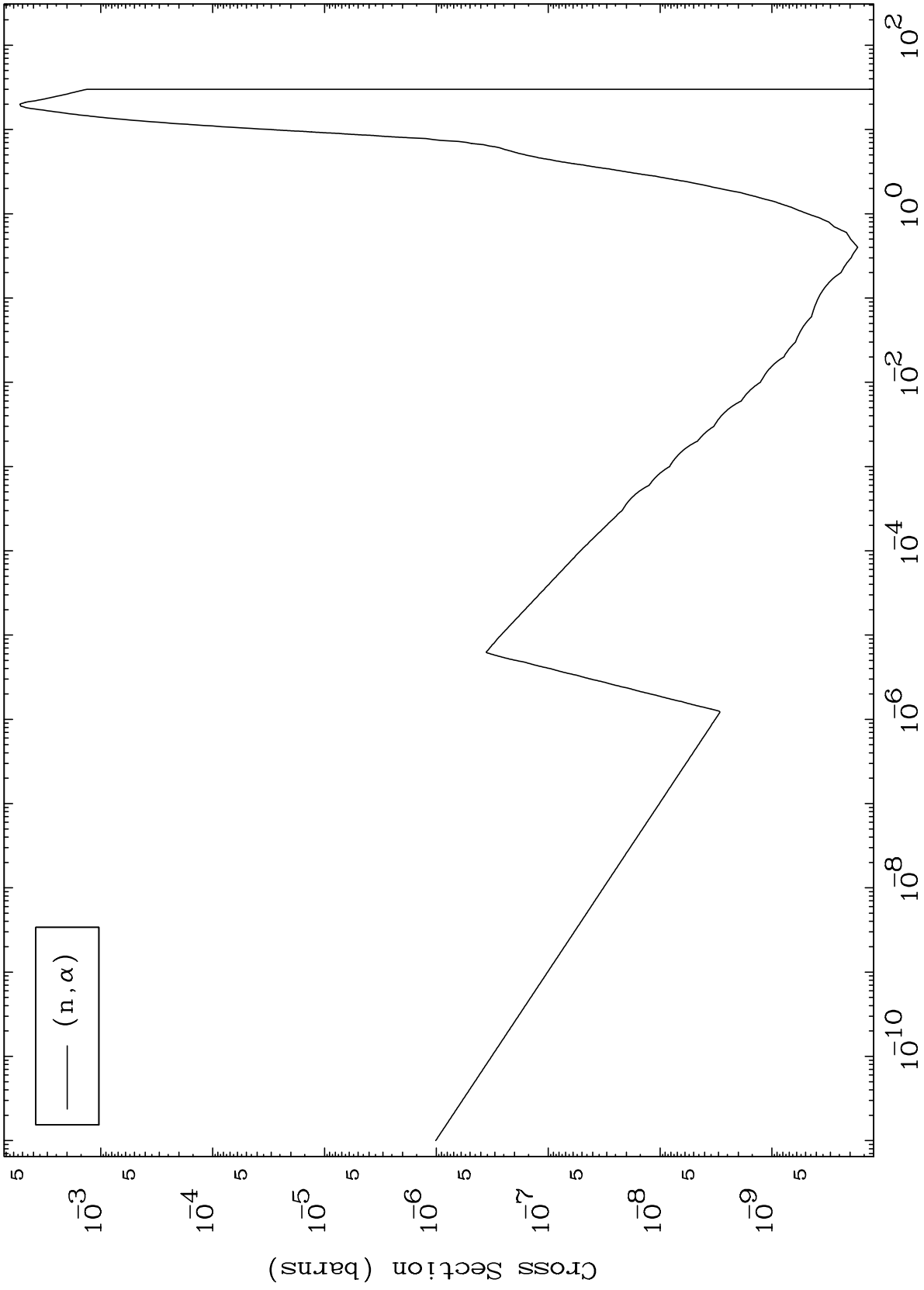
Incident Energy (MeV)

60-Nd-149

MAT 6046

(n,α) Levels
293 Kelvin Cross Sections

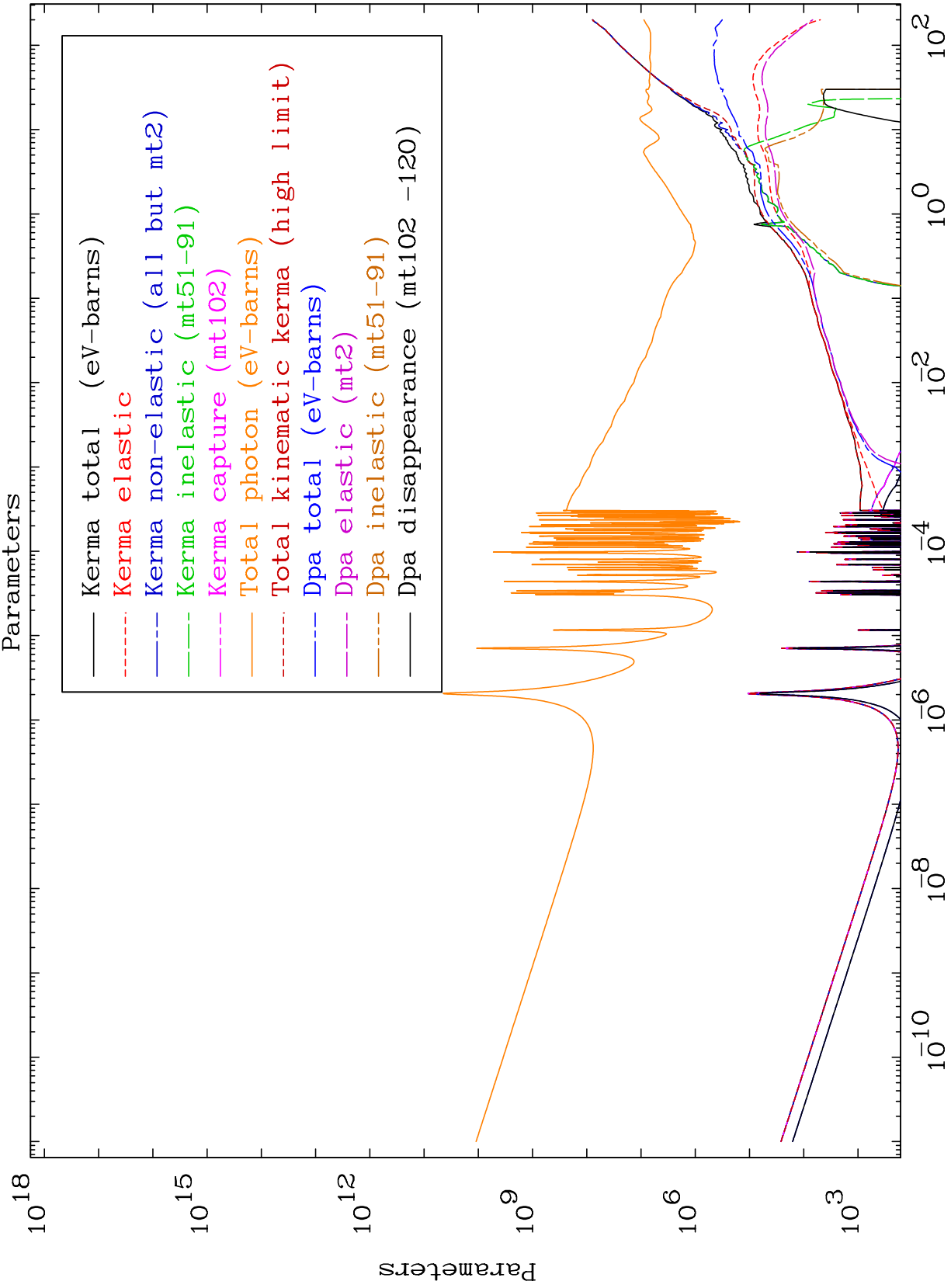
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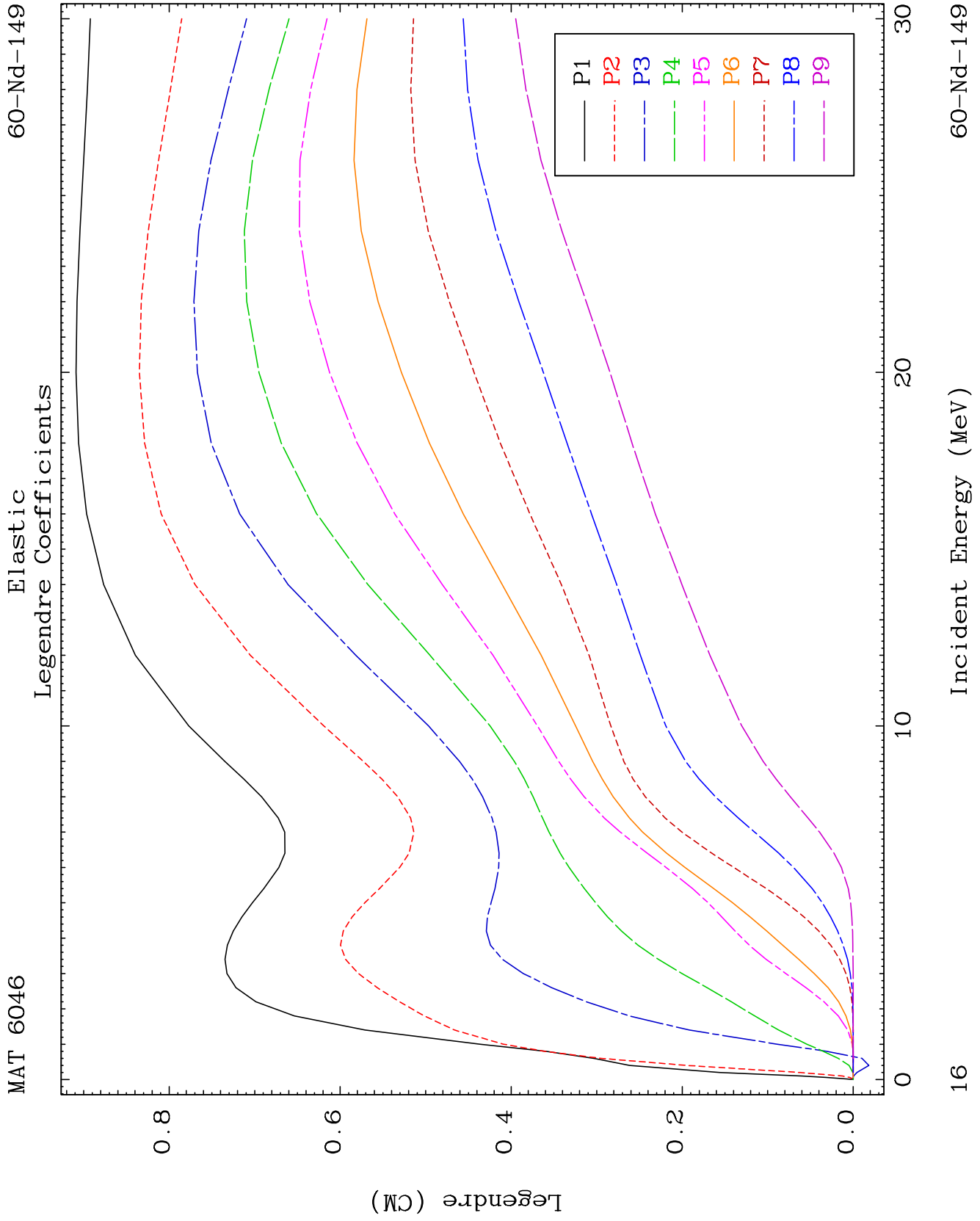


14

Incident Energy (MeV)

60-Nd-149

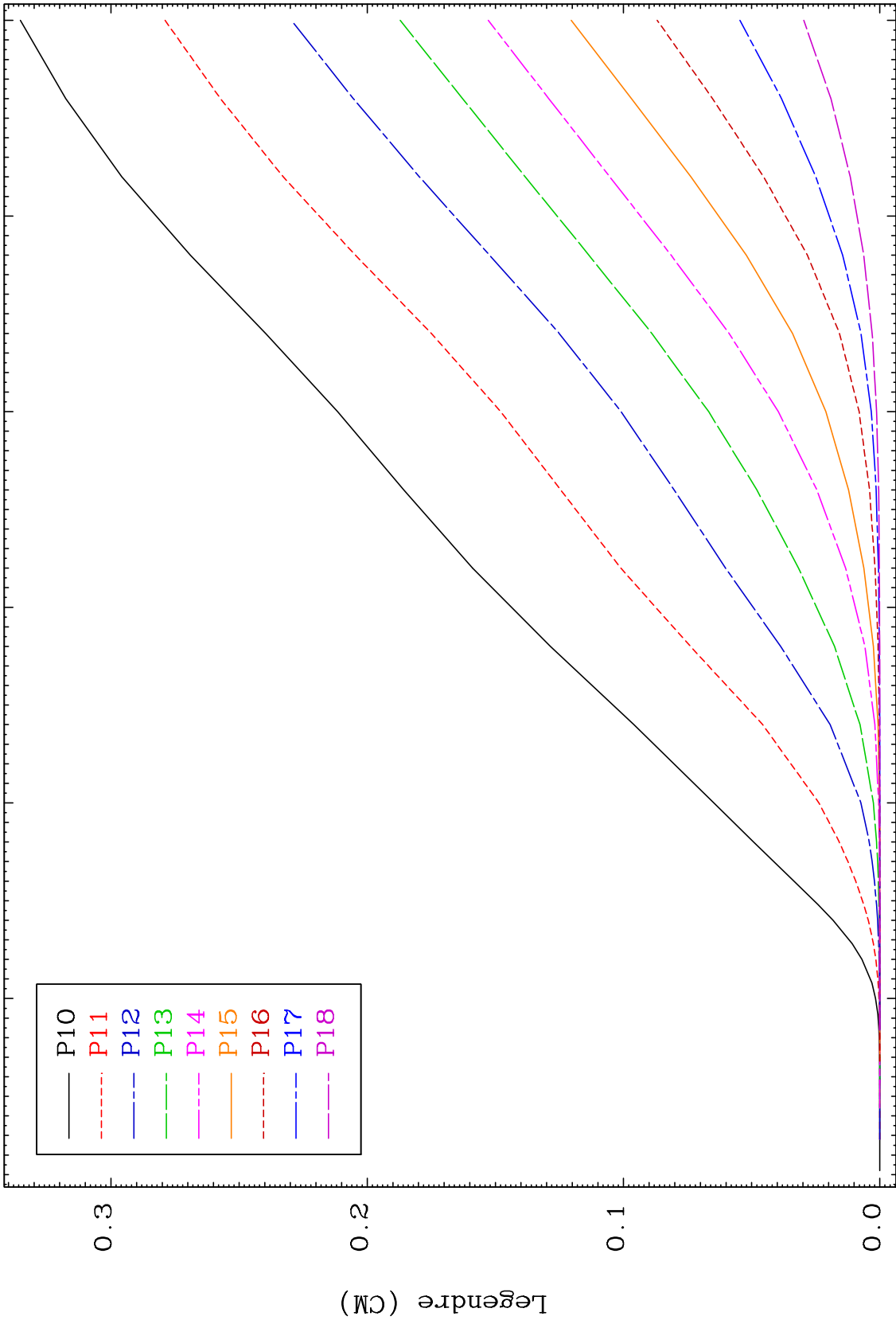




MAT 6046

Elastic Legendre Coefficients

60-Nd-149



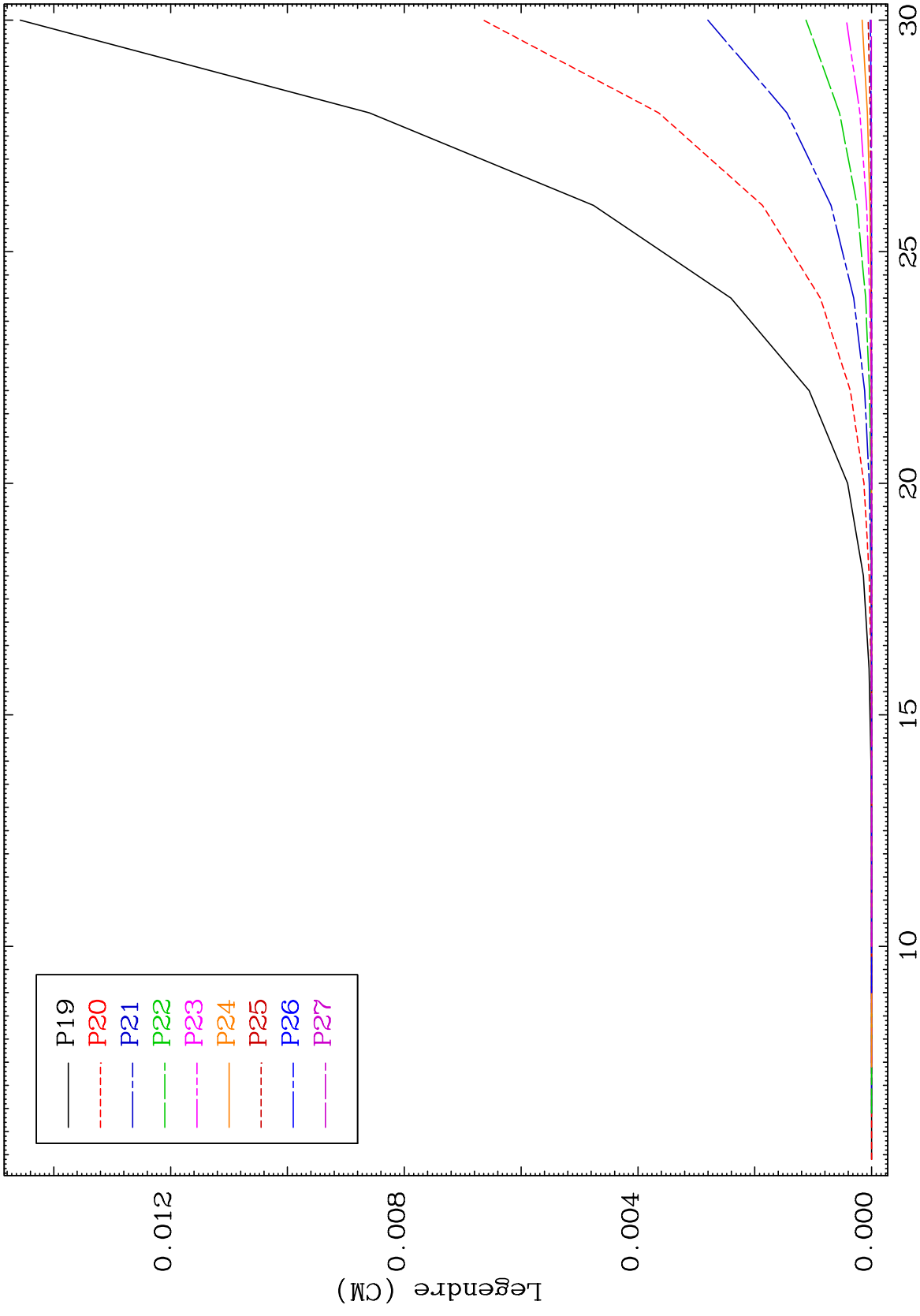
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60-Nd-149

MAT 6046

Elastic
Legendre Coefficients

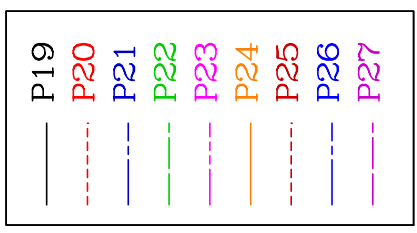
60-Nd-149



18

Incident Energy (MeV)

60-Nd-149



Legendre (CM)

0.012

0.008

0.004

0.000

10

20

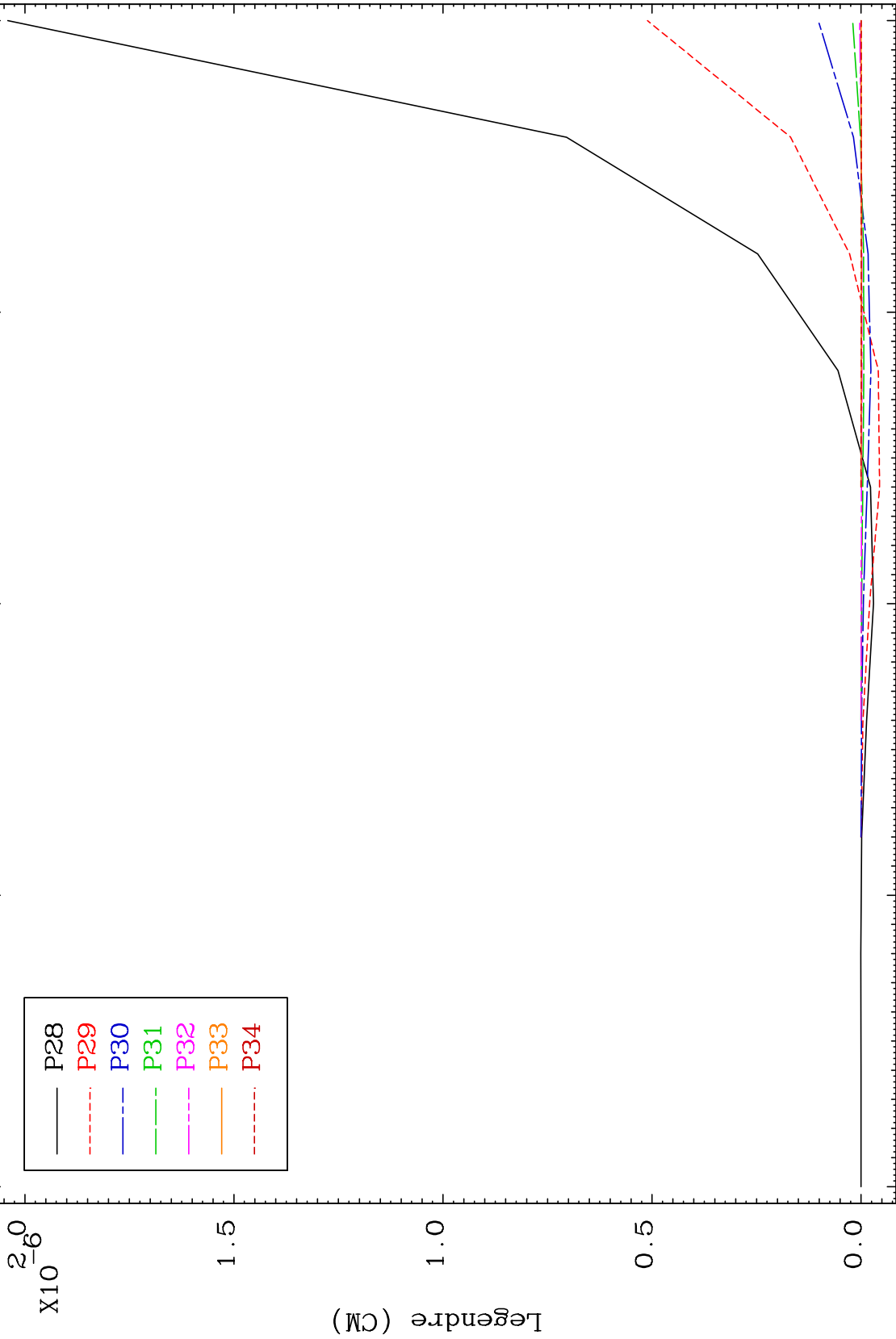
25

30

MAT 6046

Elastic Legendre Coefficients

60-Nd-149



19

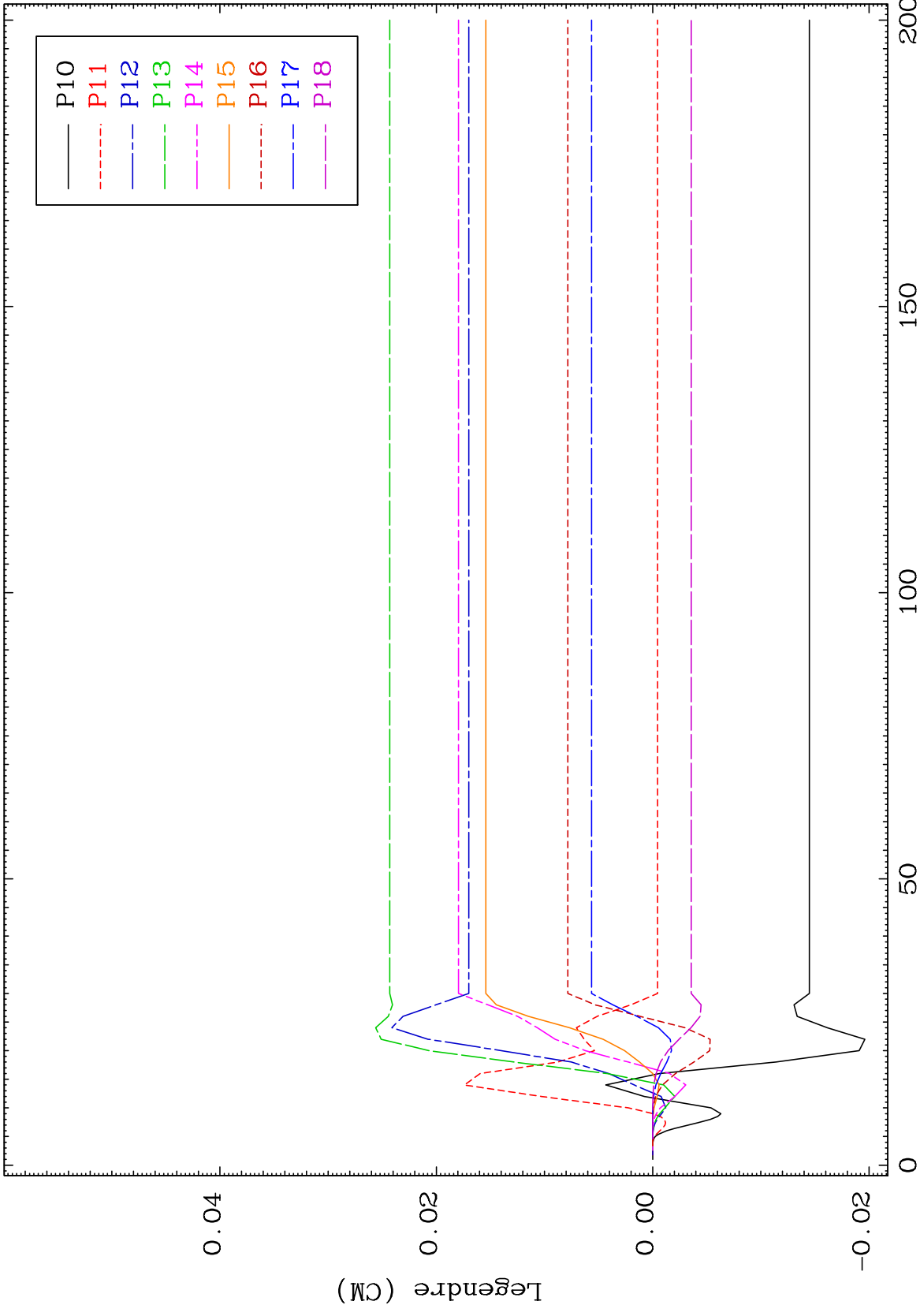
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



21

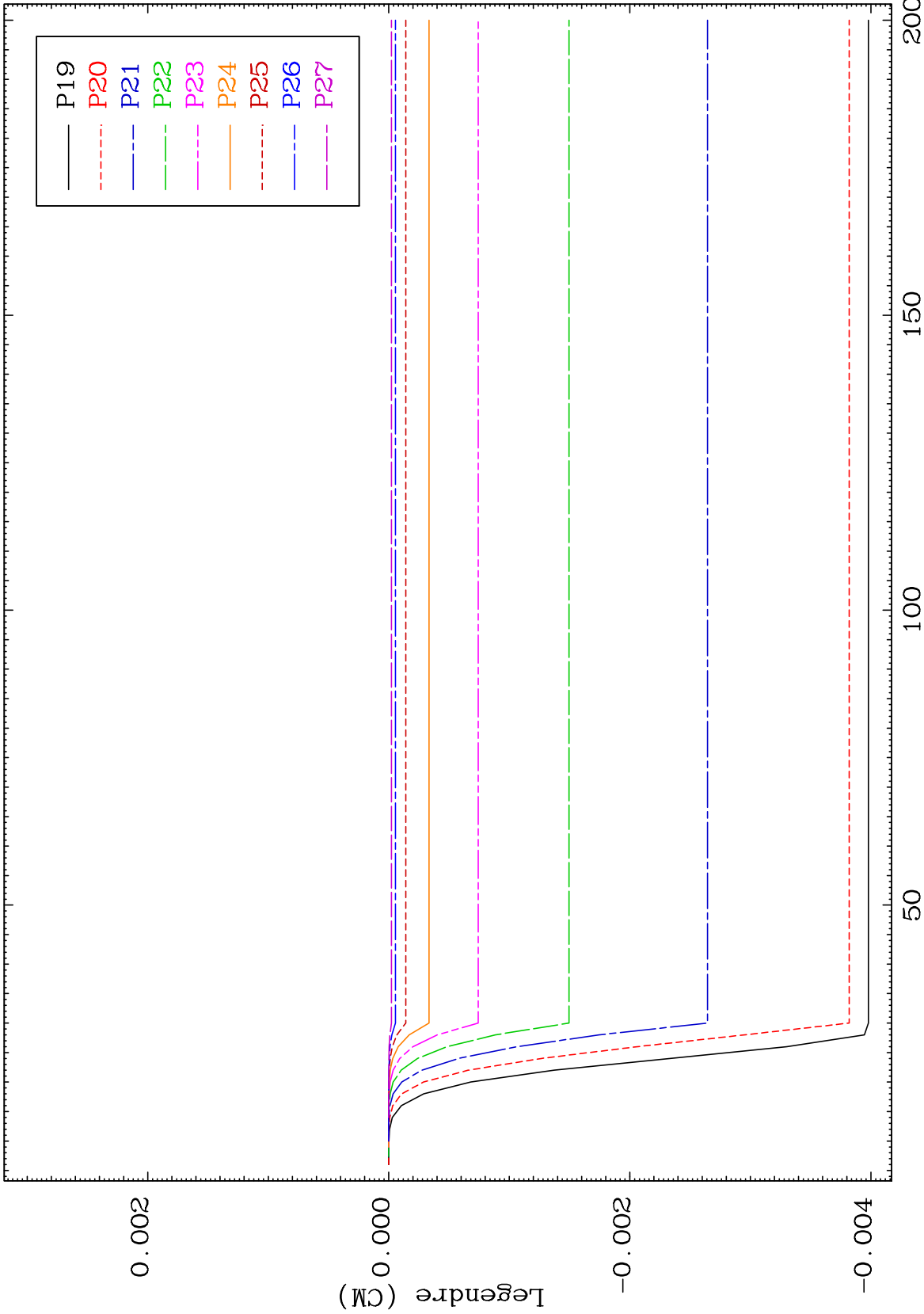
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



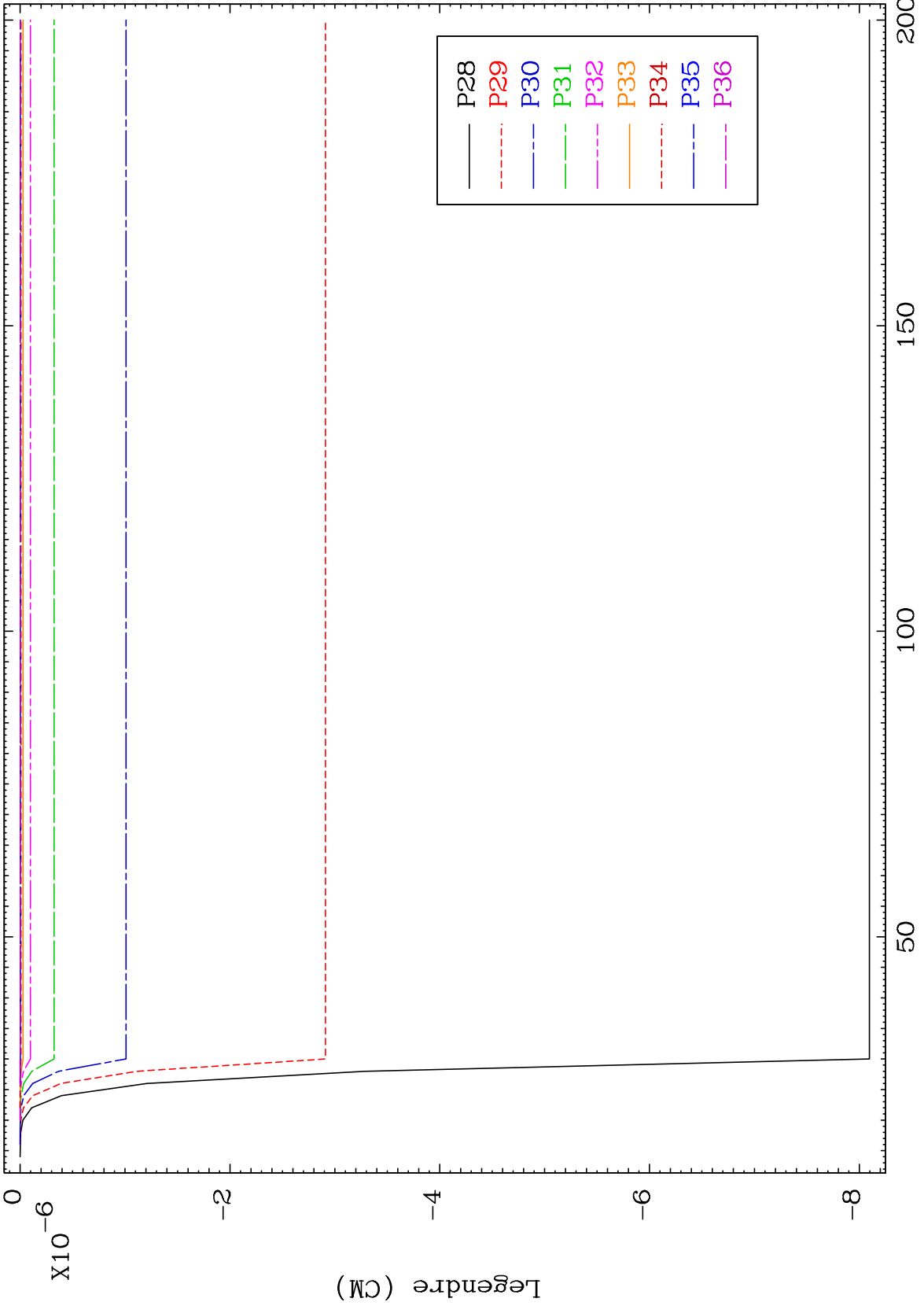
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Incident Energy (MeV)

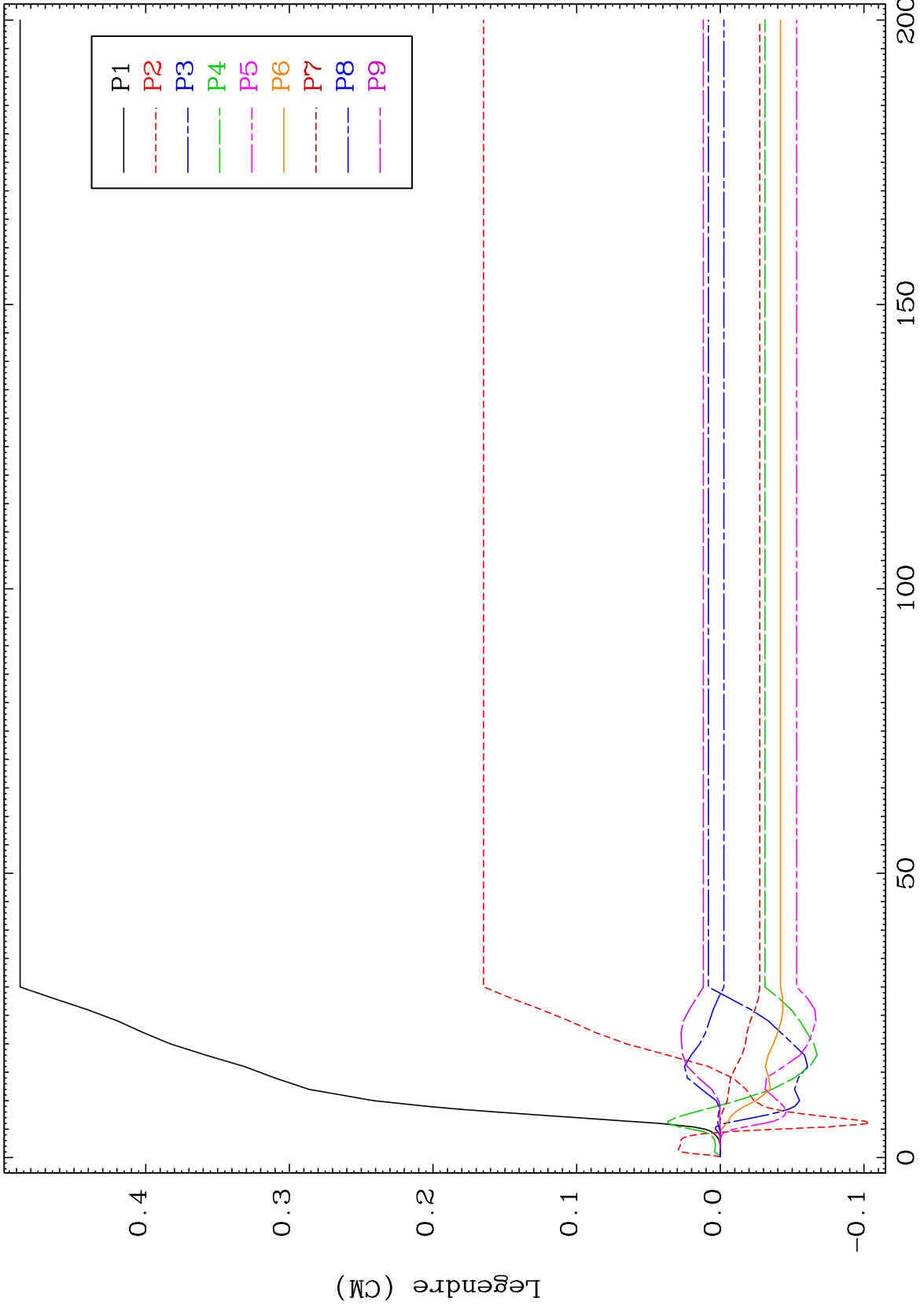
60-Nd-149

MAT 6046 MT= 51 (n,n') Level 60-Nd-149

Legendre Coefficients



MAT 6046 MT= 52 (n,n') Level Legendre Coefficients 60-Nd-149

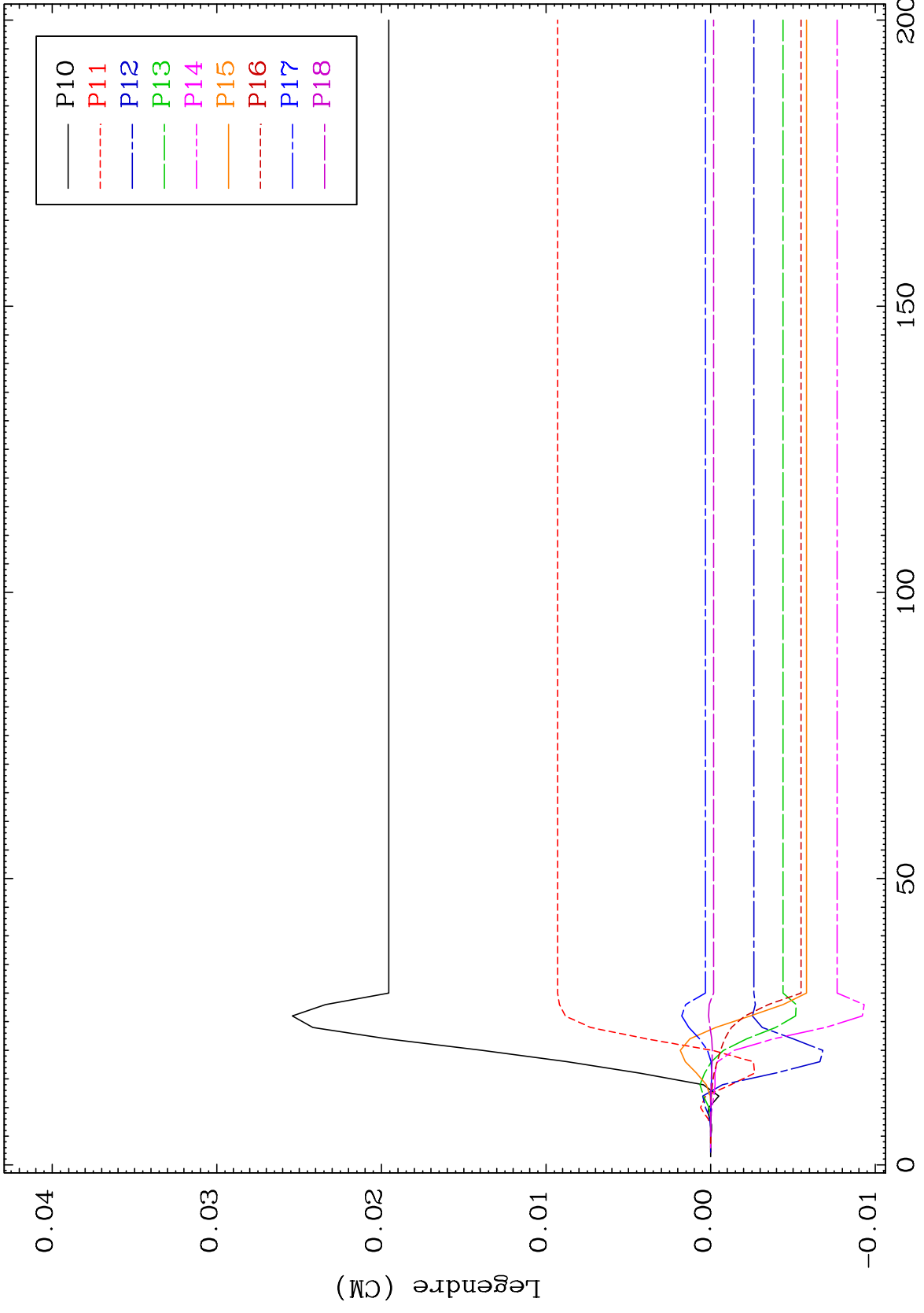


24 60-Nd-149

MAT 6046

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

60-Nd-149



25

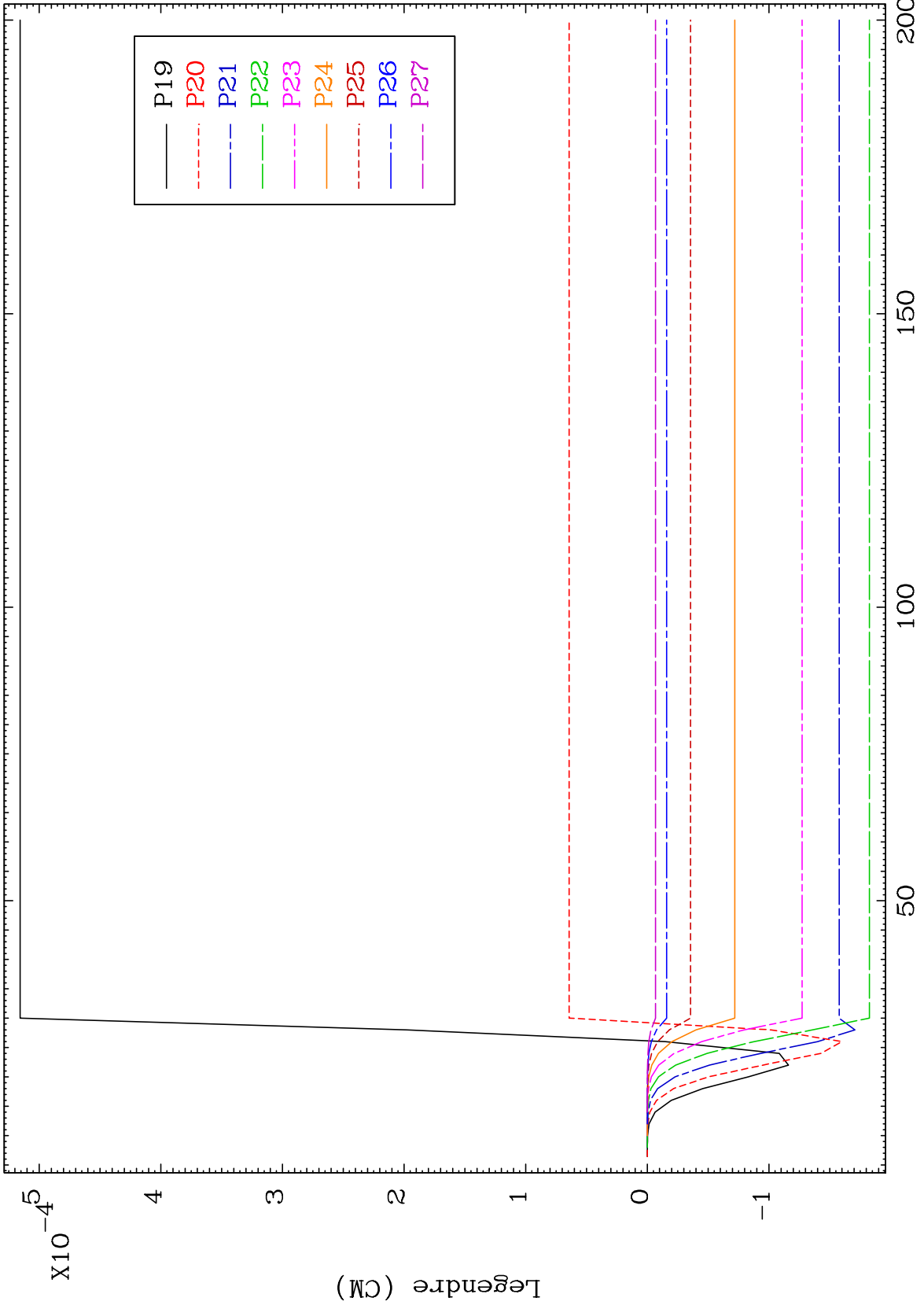
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



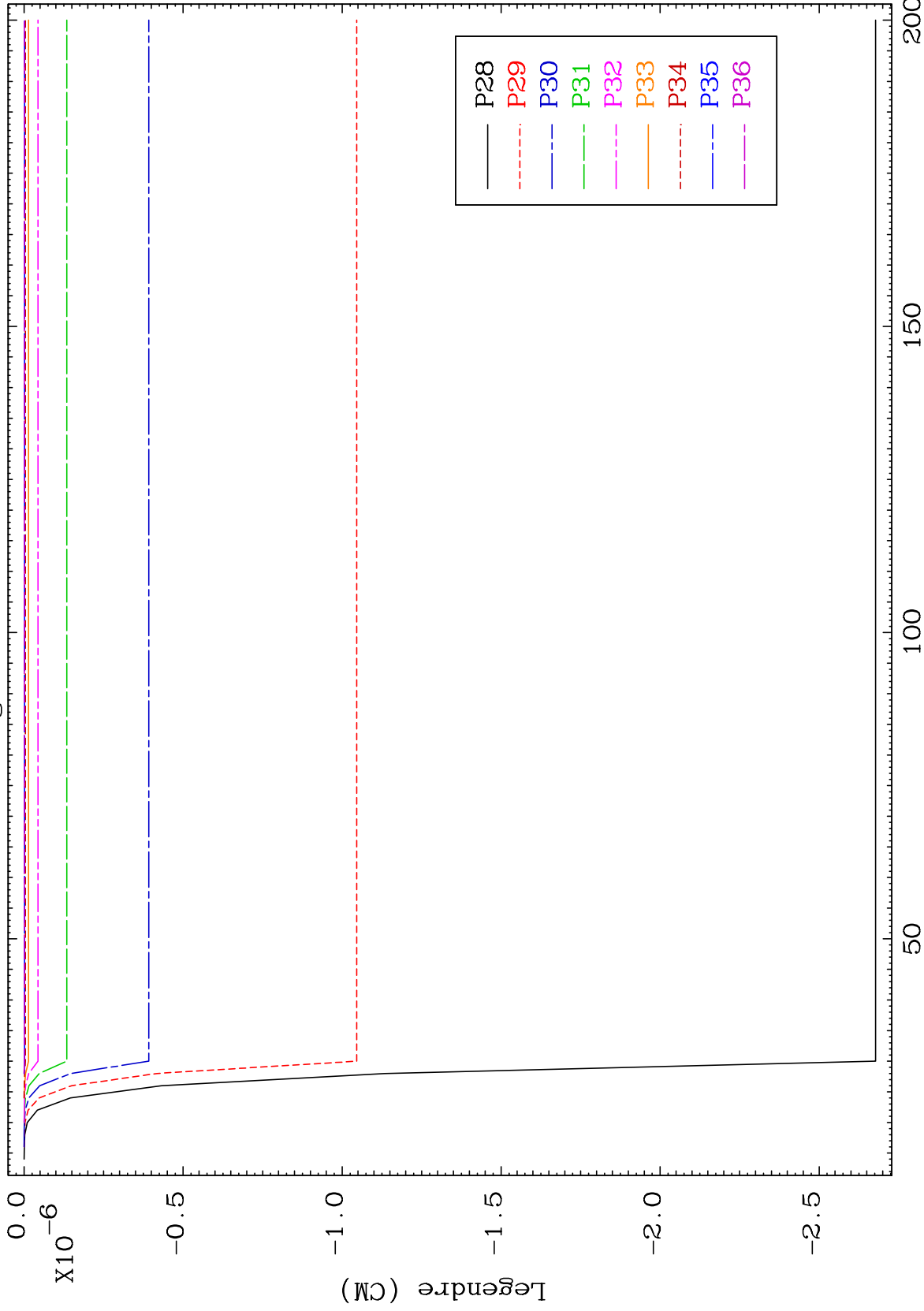
26

60-Nd-149

MAT 6046

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

60-Nd-149

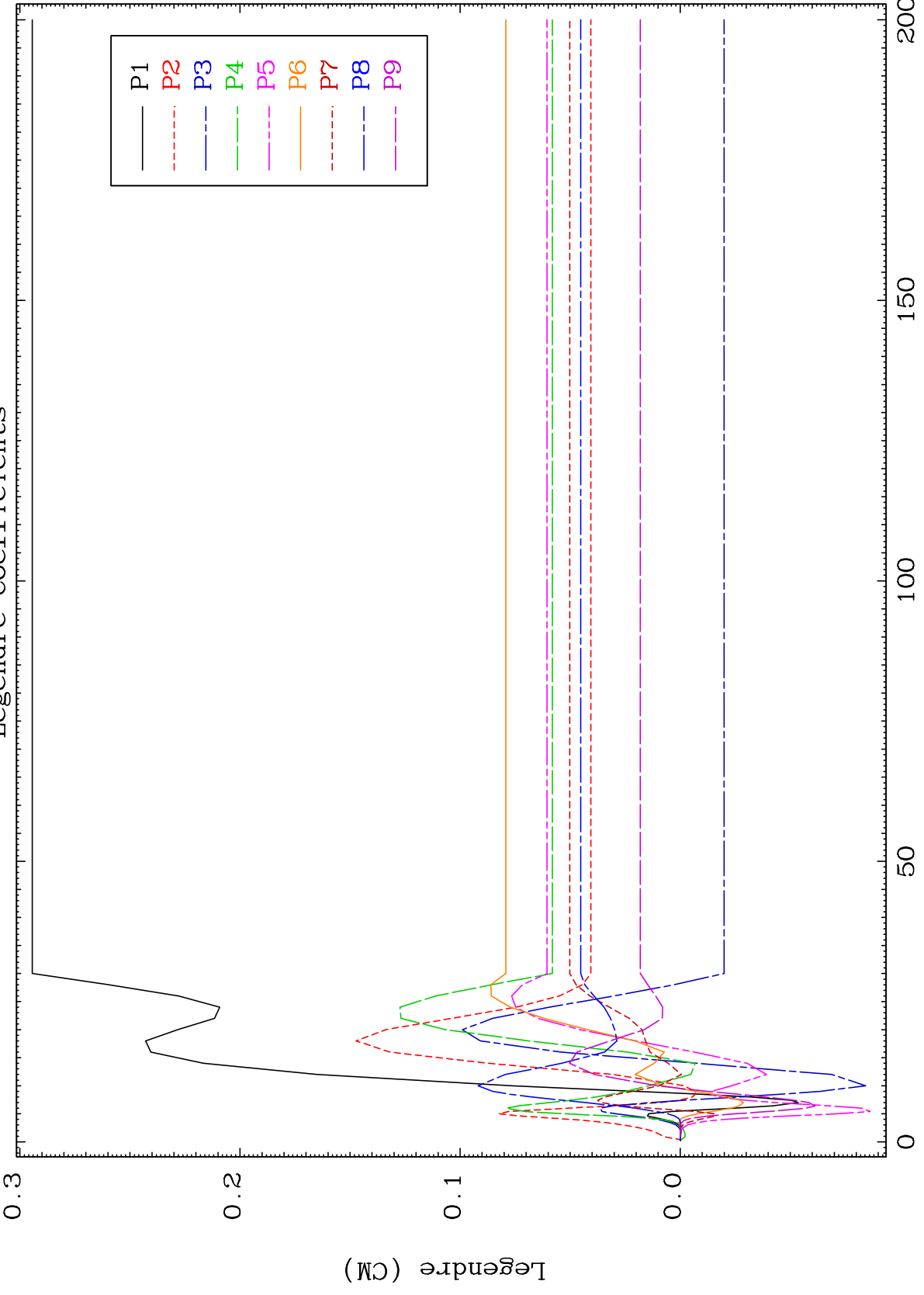


60-Nd-149

Incident Energy (MeV)

27

MAT 6046 MT= 53 (n,n') Level Legendre Coefficients 60-Nd-149

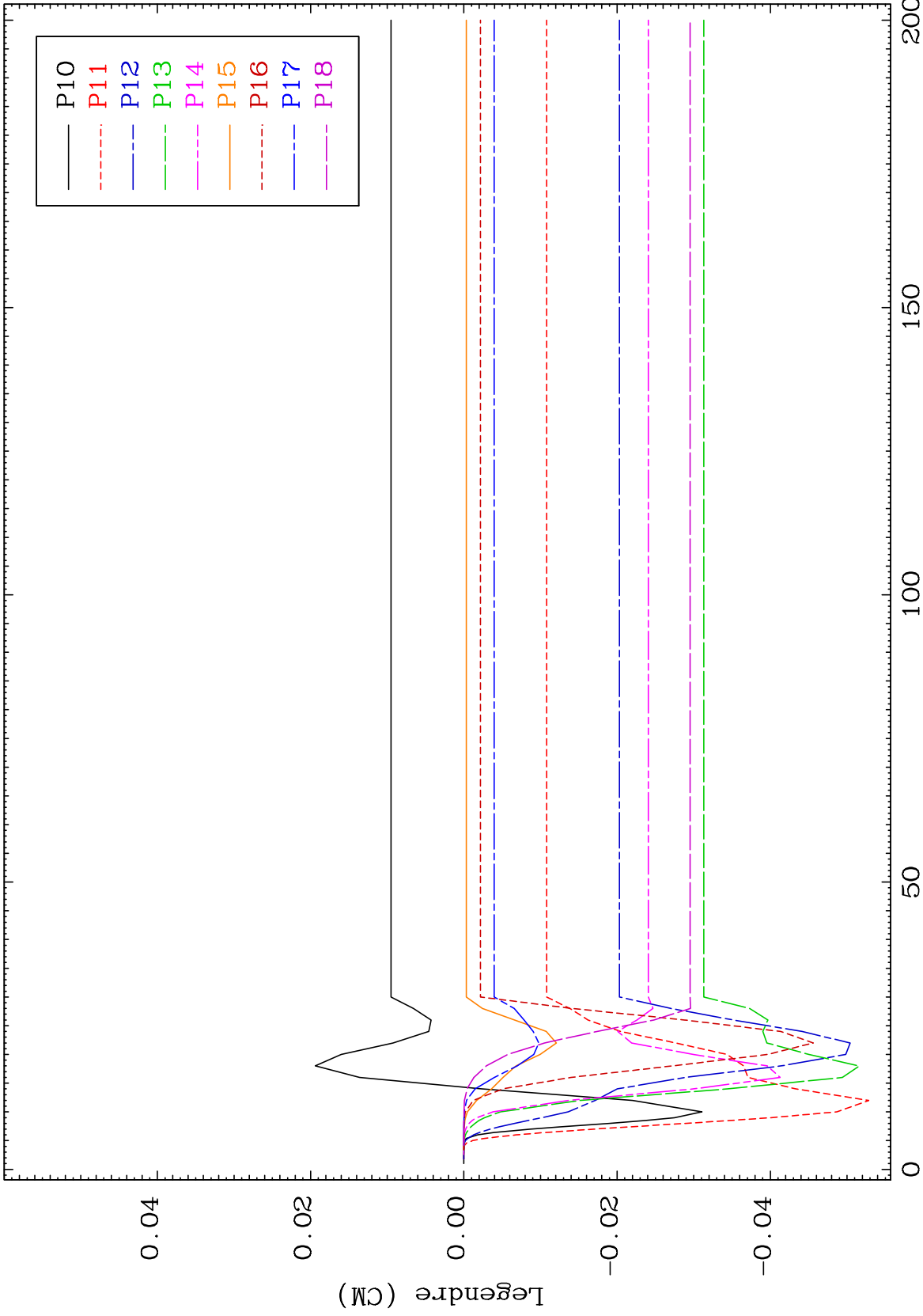


28 Incident Energy (MeV) 60-Nd-149

MAT 6046

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

60-Nd-149



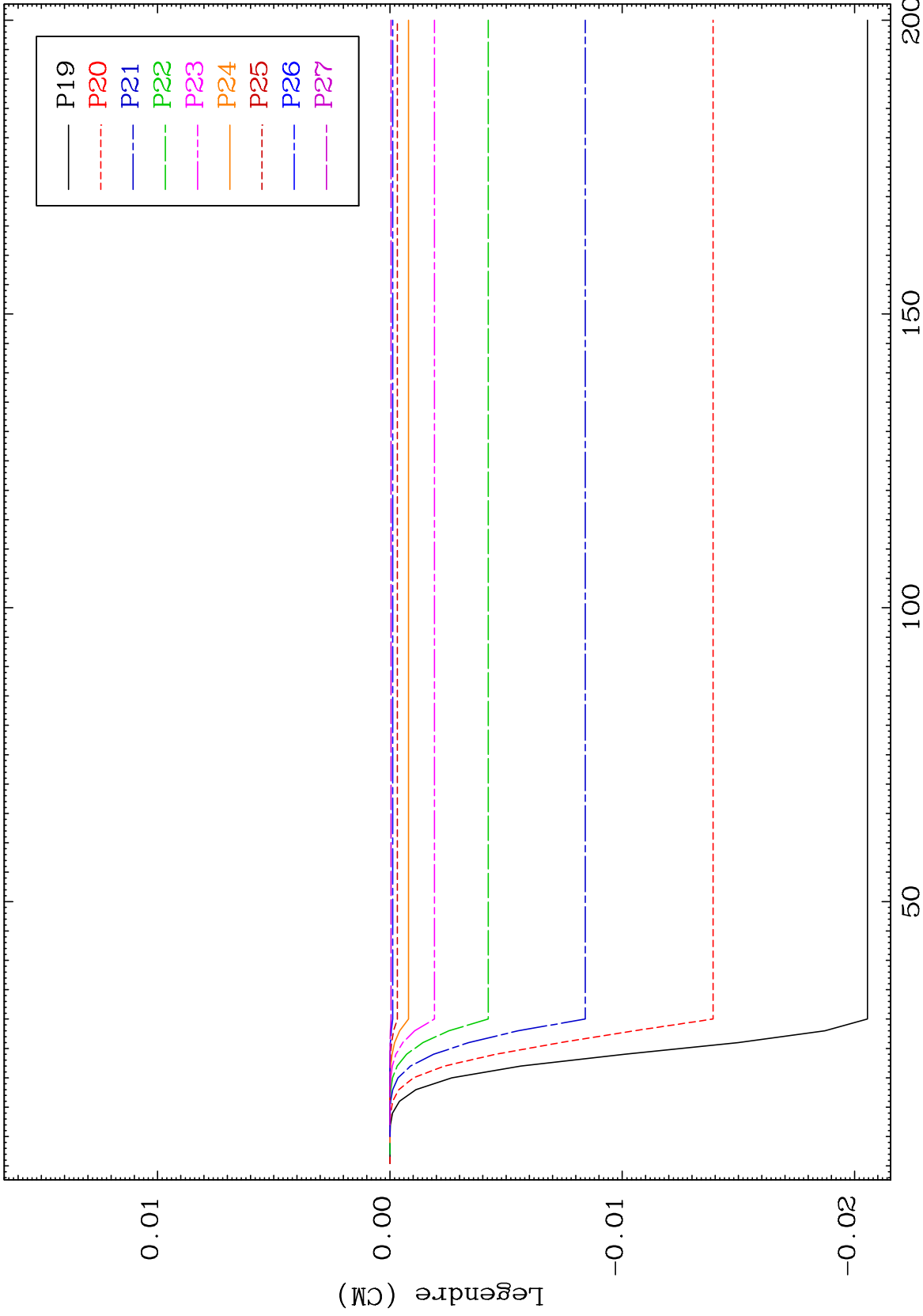
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60-Nd-149

MAT 6046

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

60-Nd-149



30

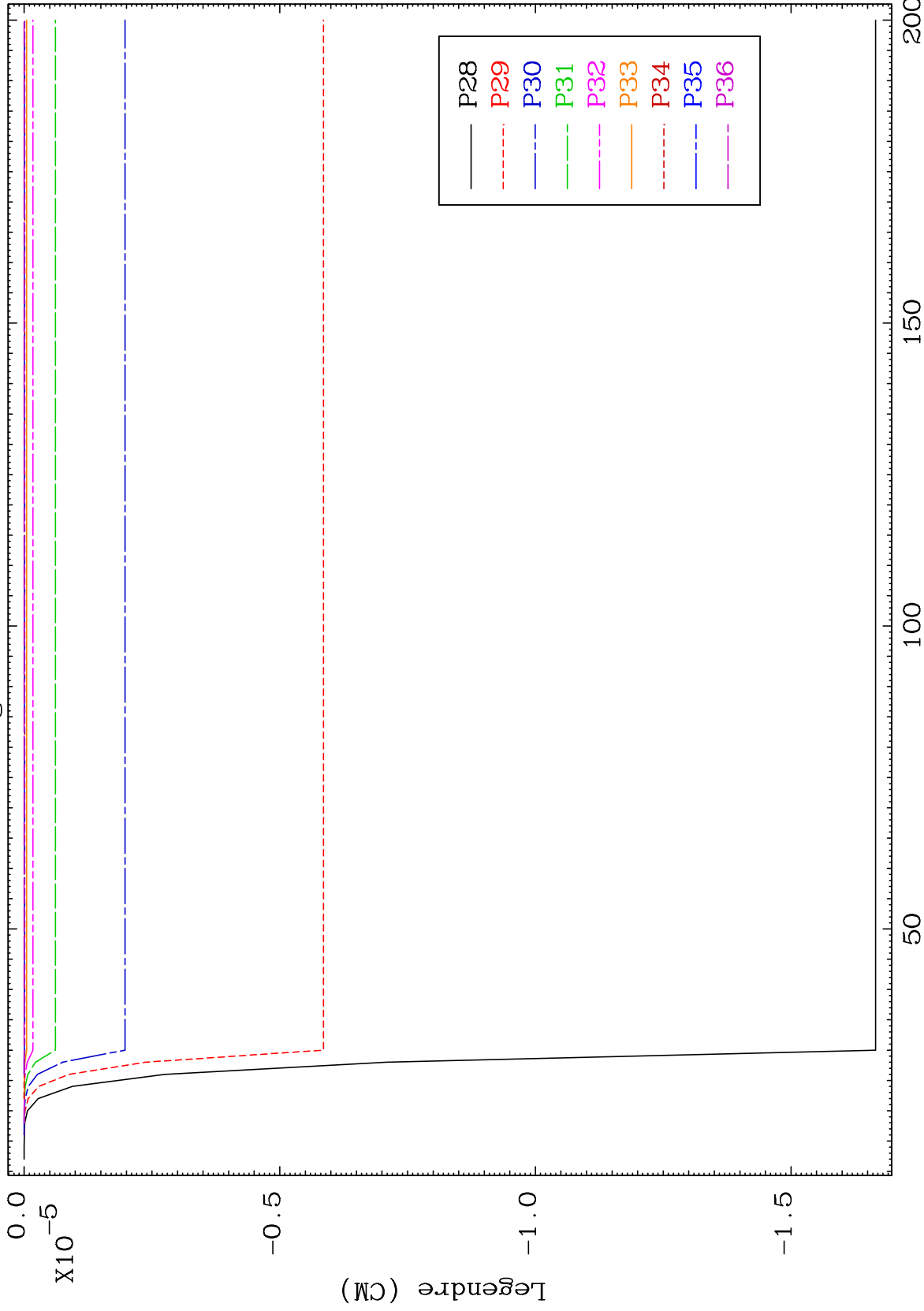
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



60-Nd-149

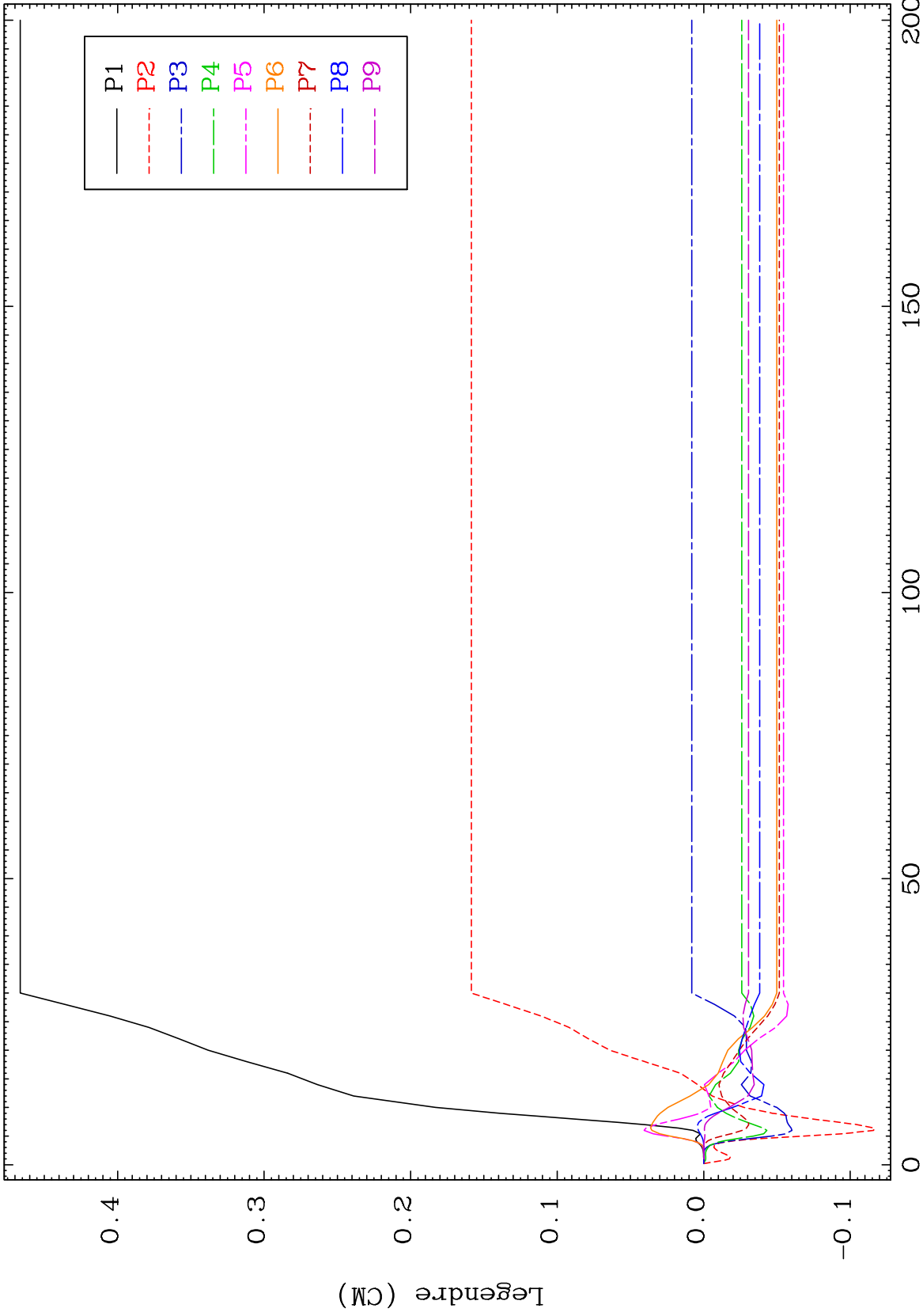
Incident Energy (MeV)

31

MAT 6046

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

60-Nd-149



32

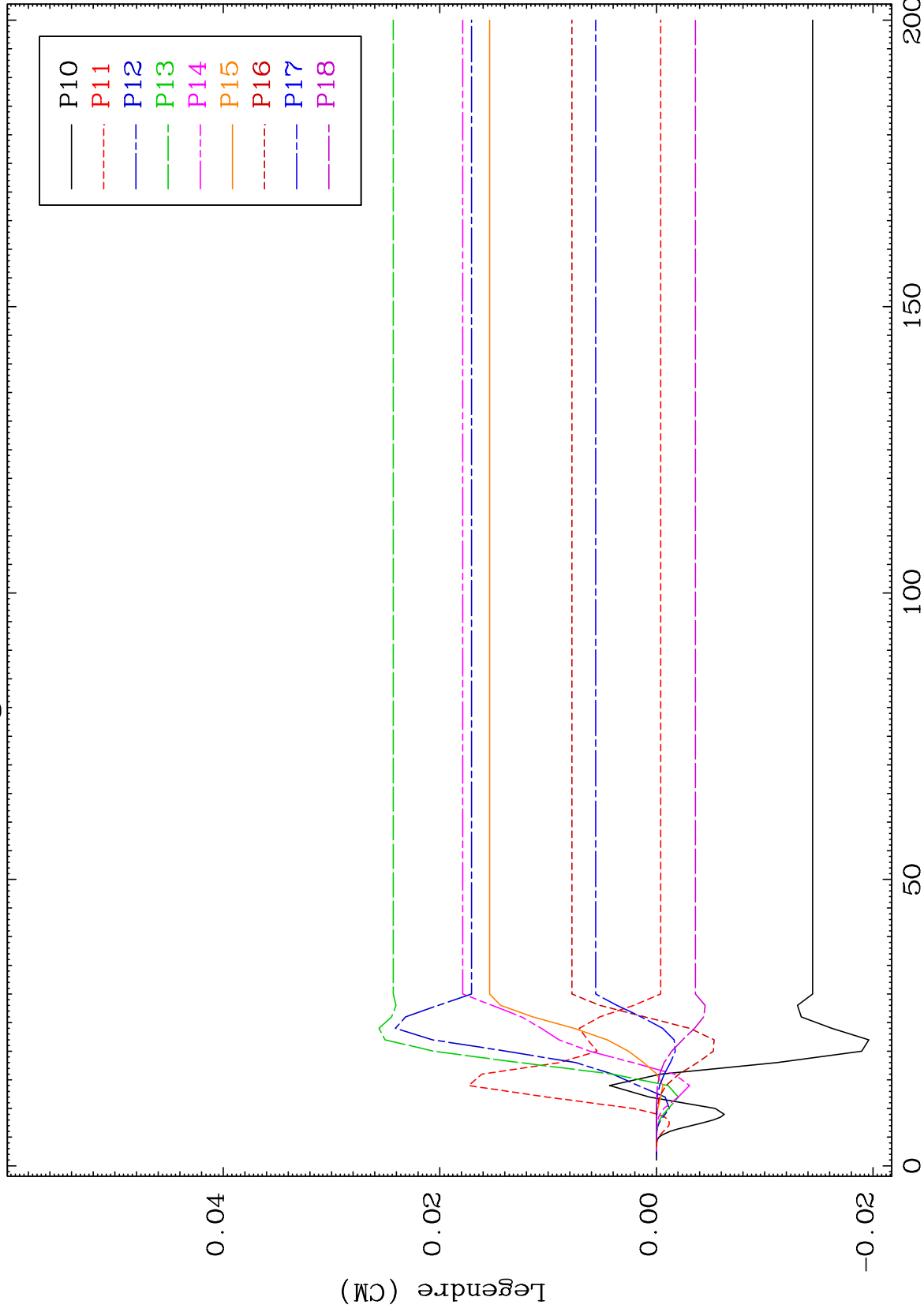
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



33

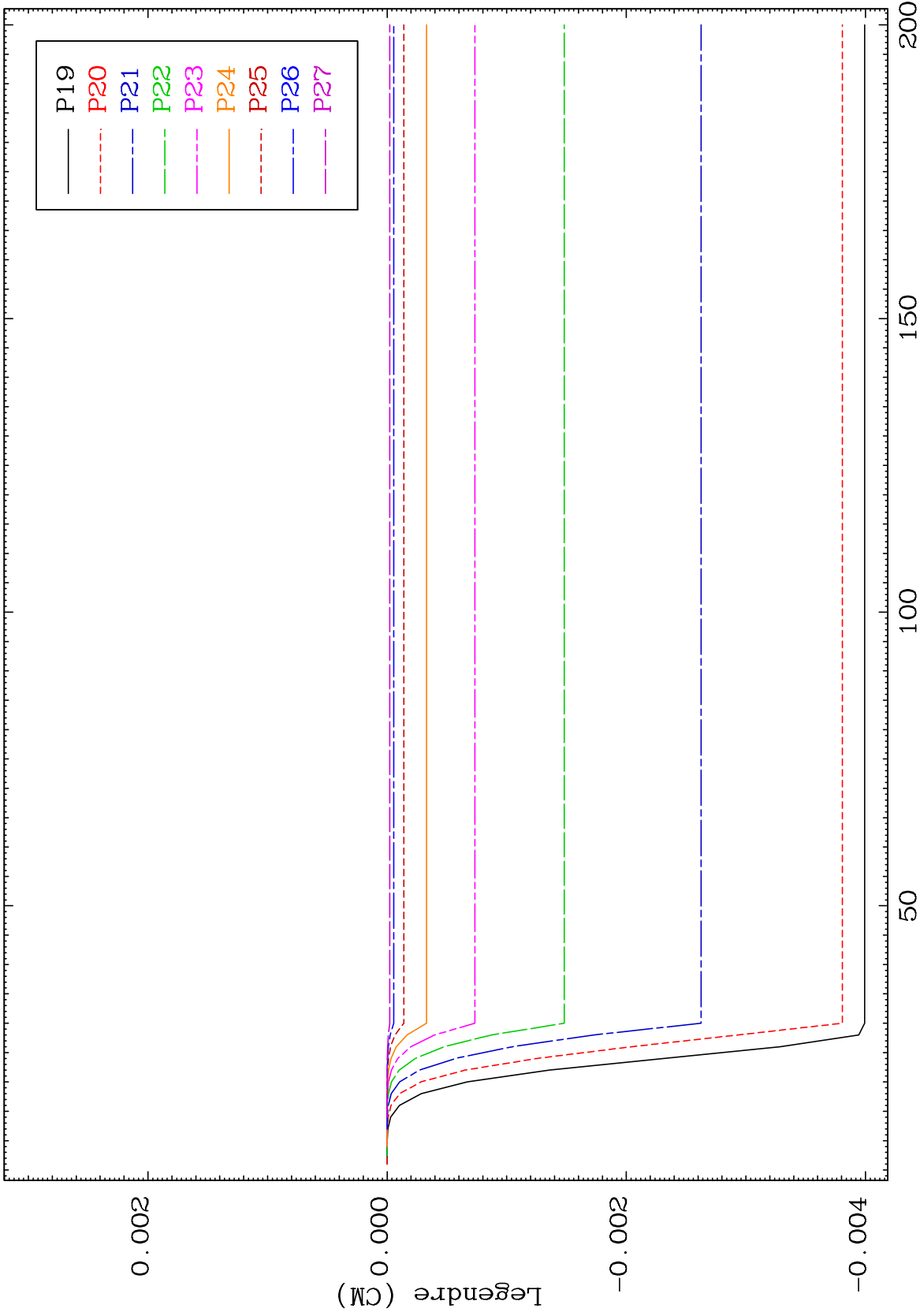
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



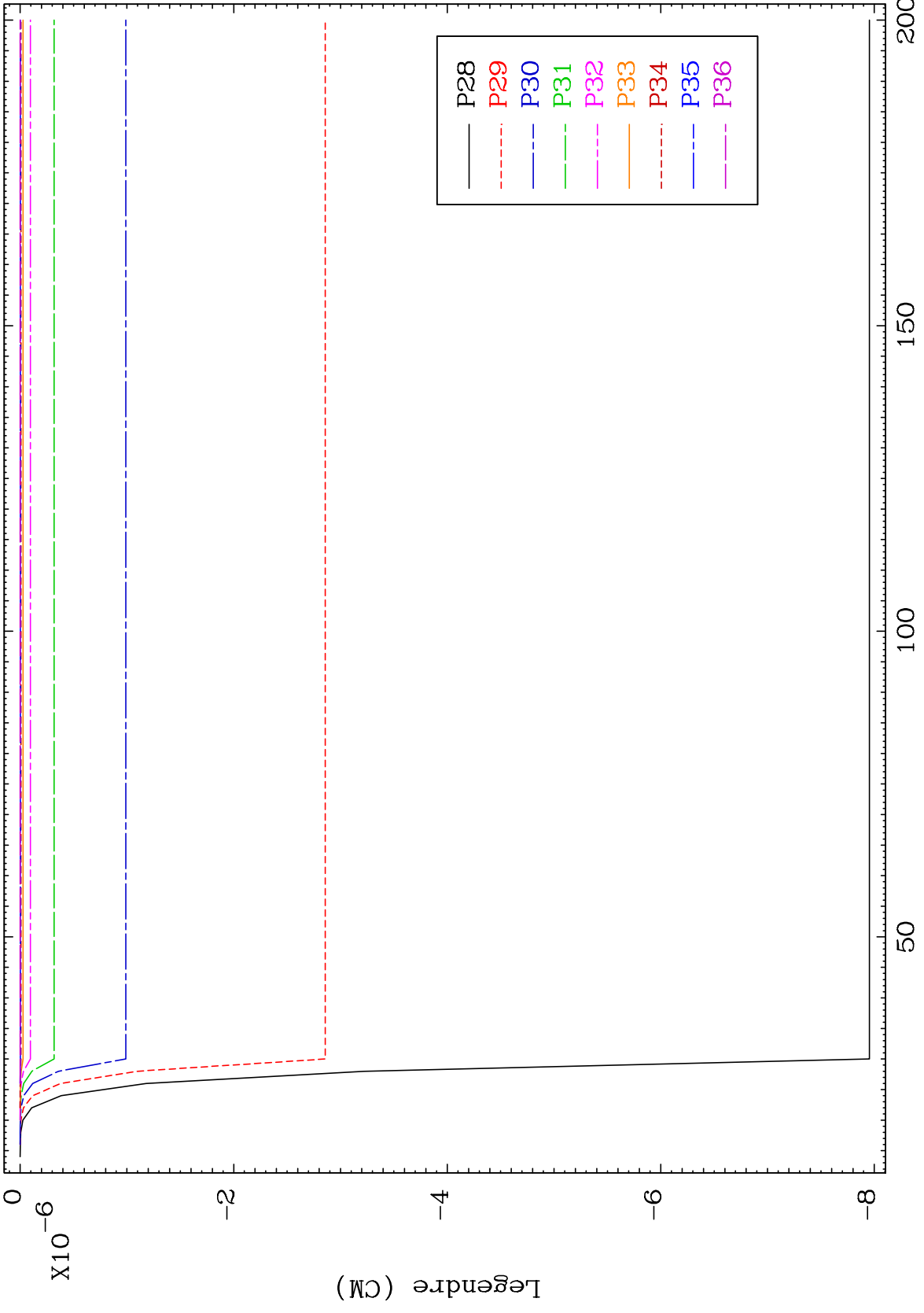
34

Incident Energy (MeV)

60-Nd-149

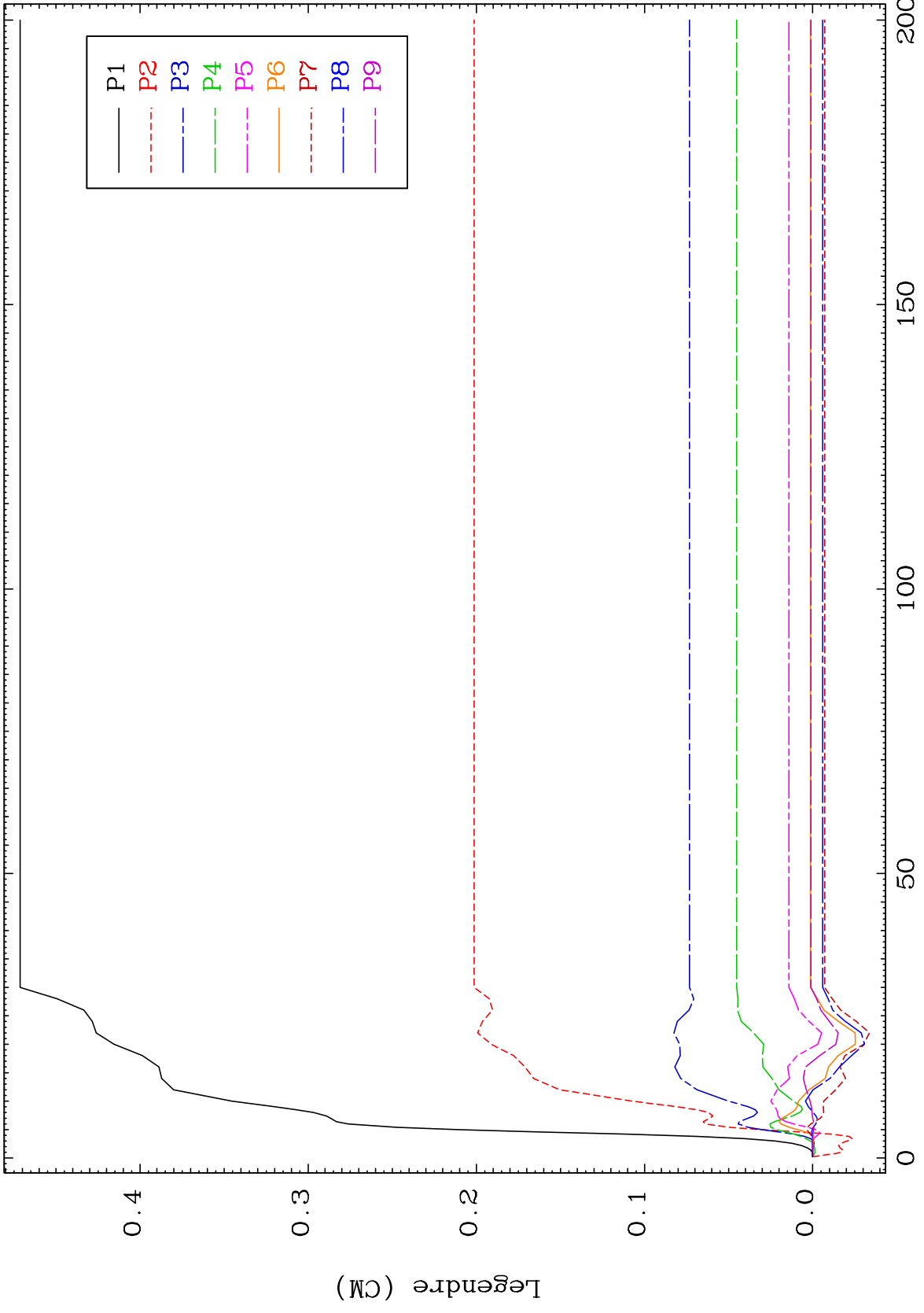
MAT 6046 MT= 54 (n,n') Level 60-Nd-149

Legendre Coefficients



35 50 100 150 200 60-Nd-149

MAT 6046 MT= 55 (n,n') Level Legendre Coefficients 60-Nd-149

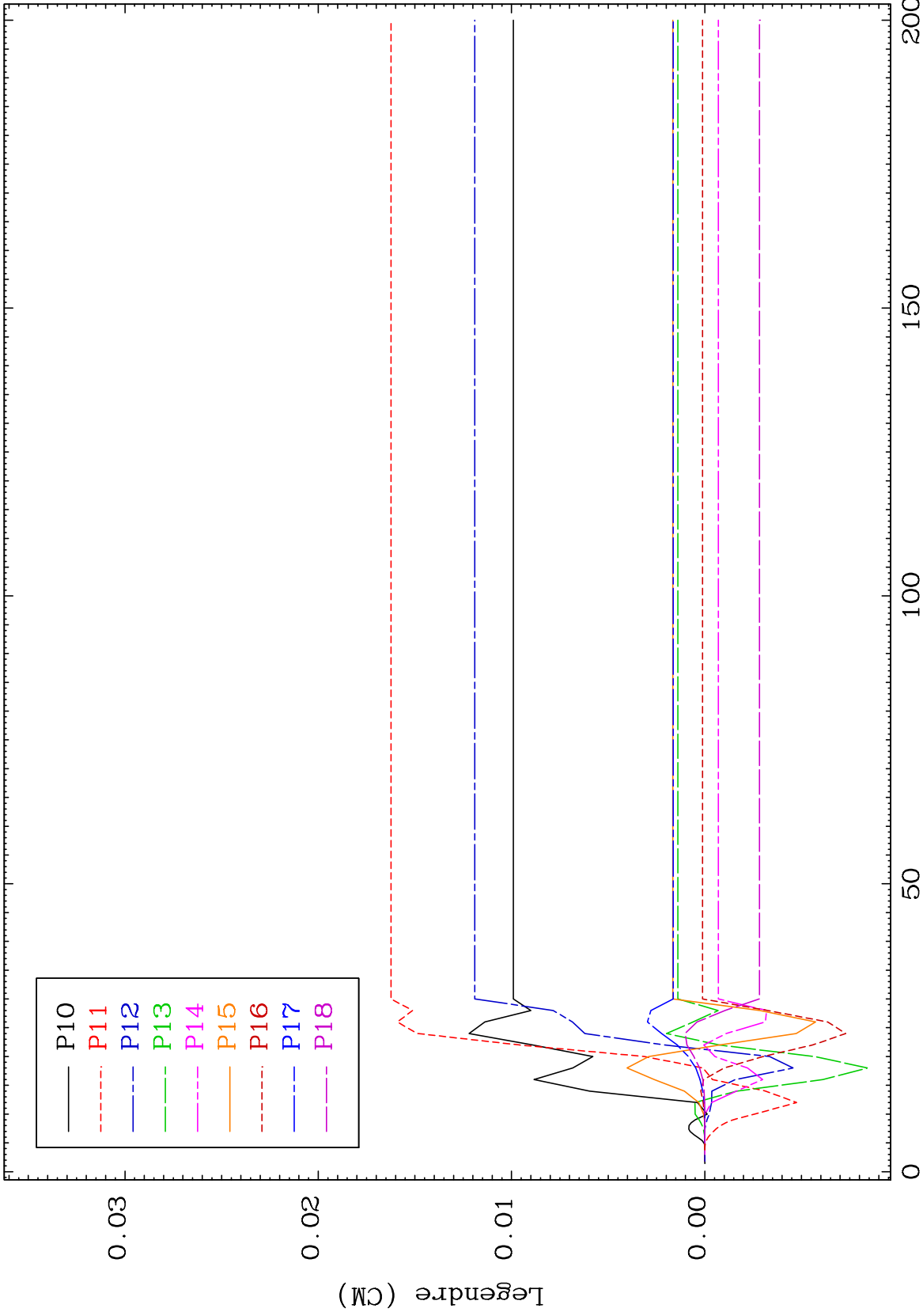


36 60-Nd-149

MAT 6046

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

60-Nd-149



37

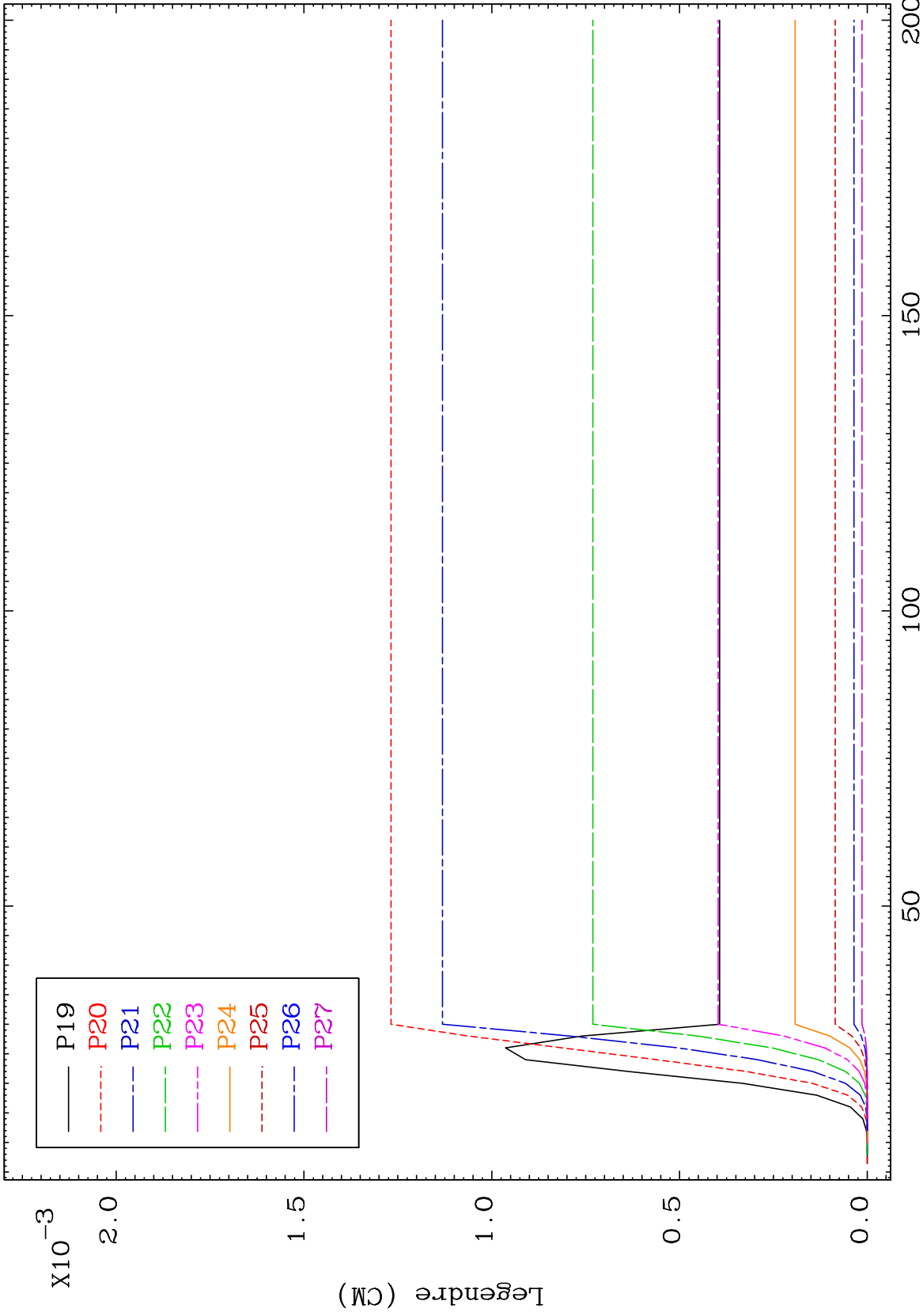
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



38

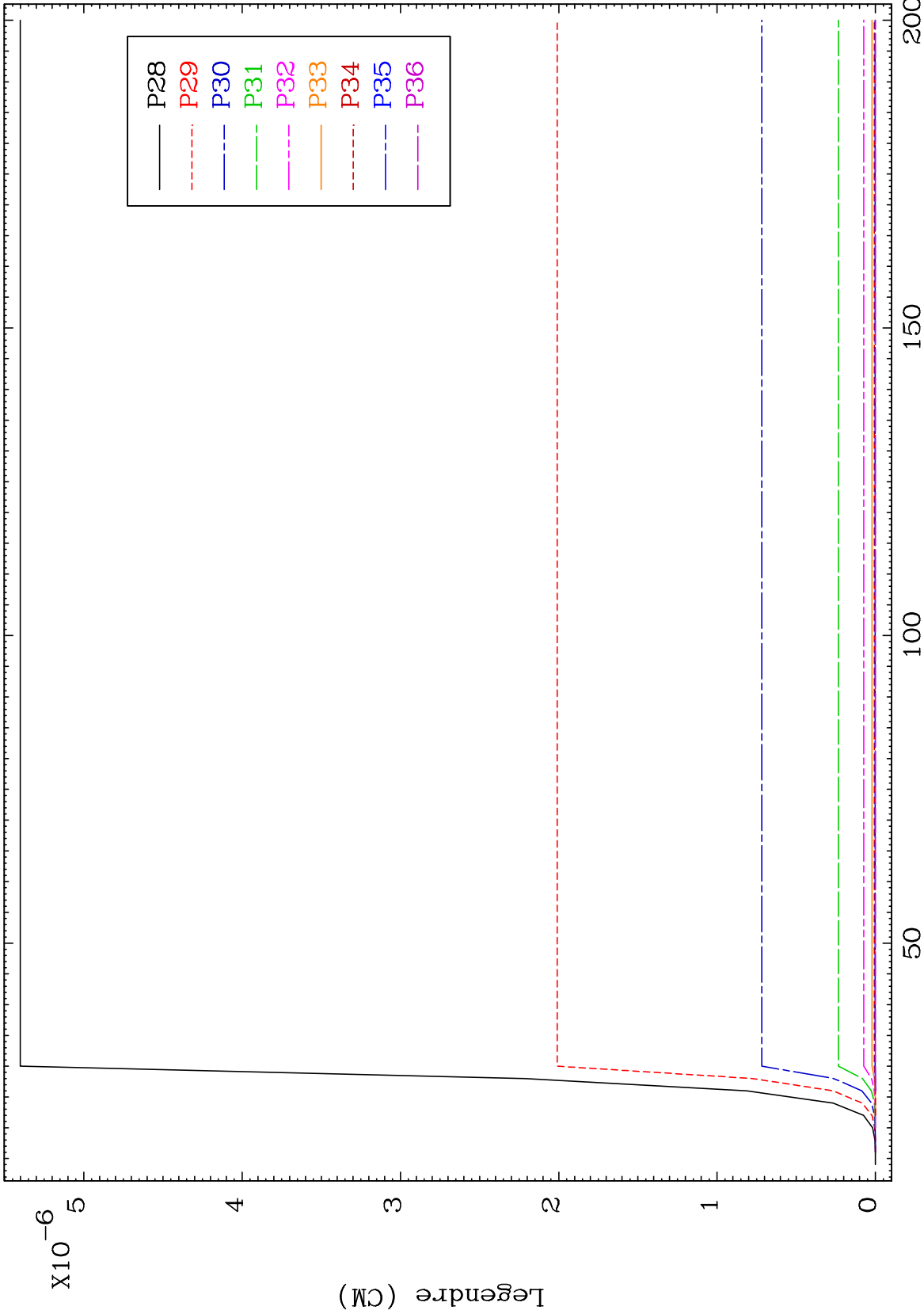
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



39

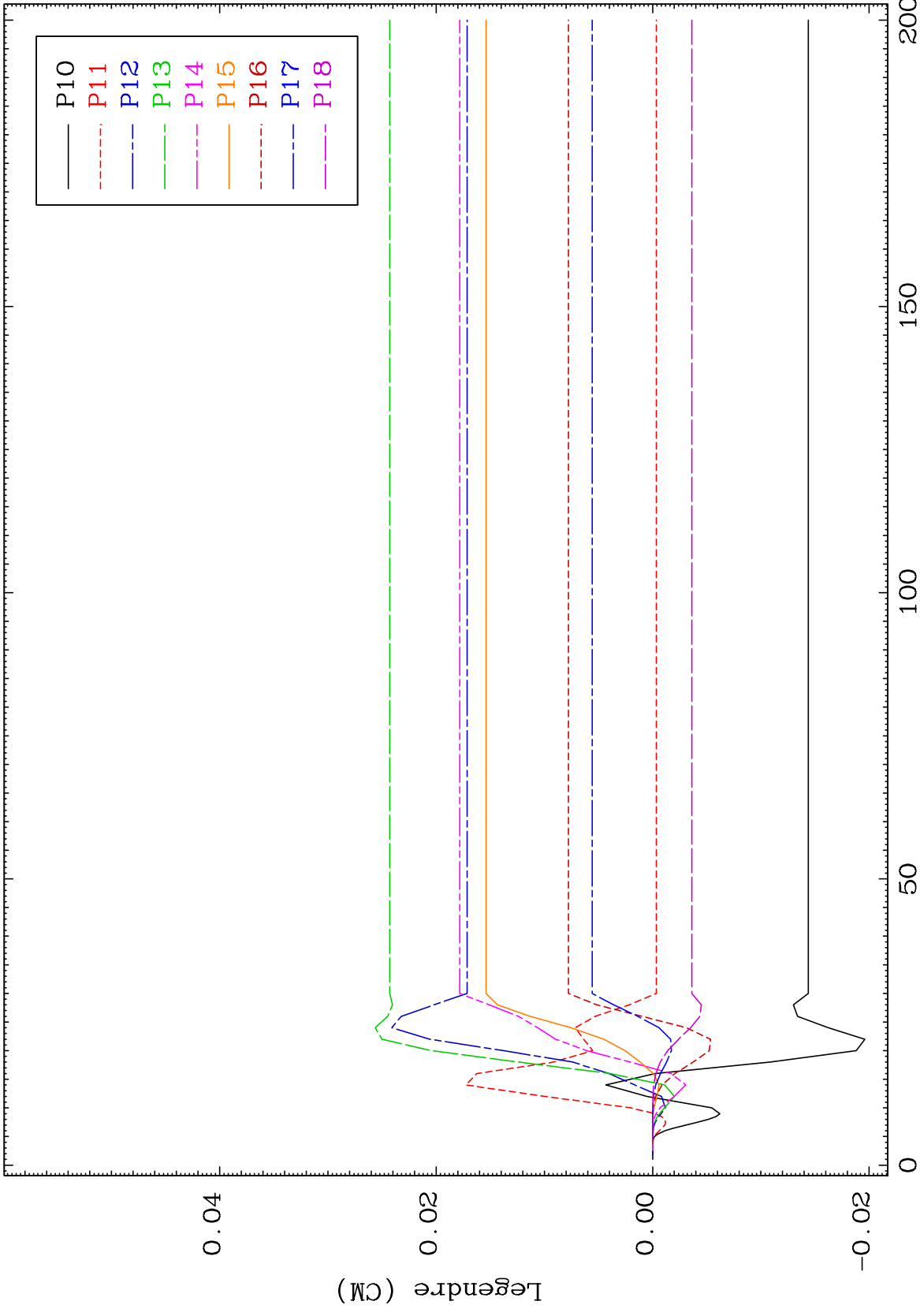
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



41

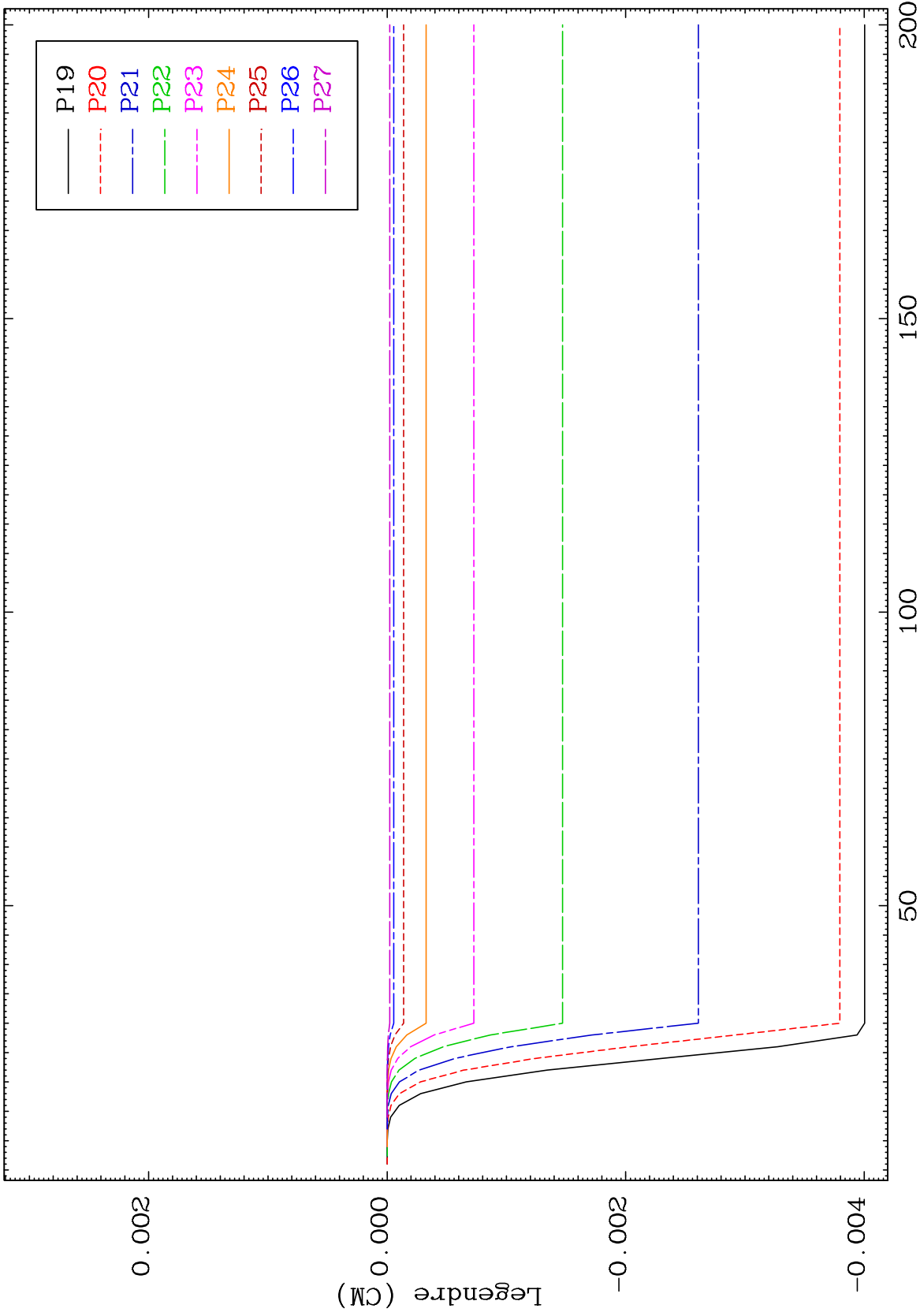
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



42

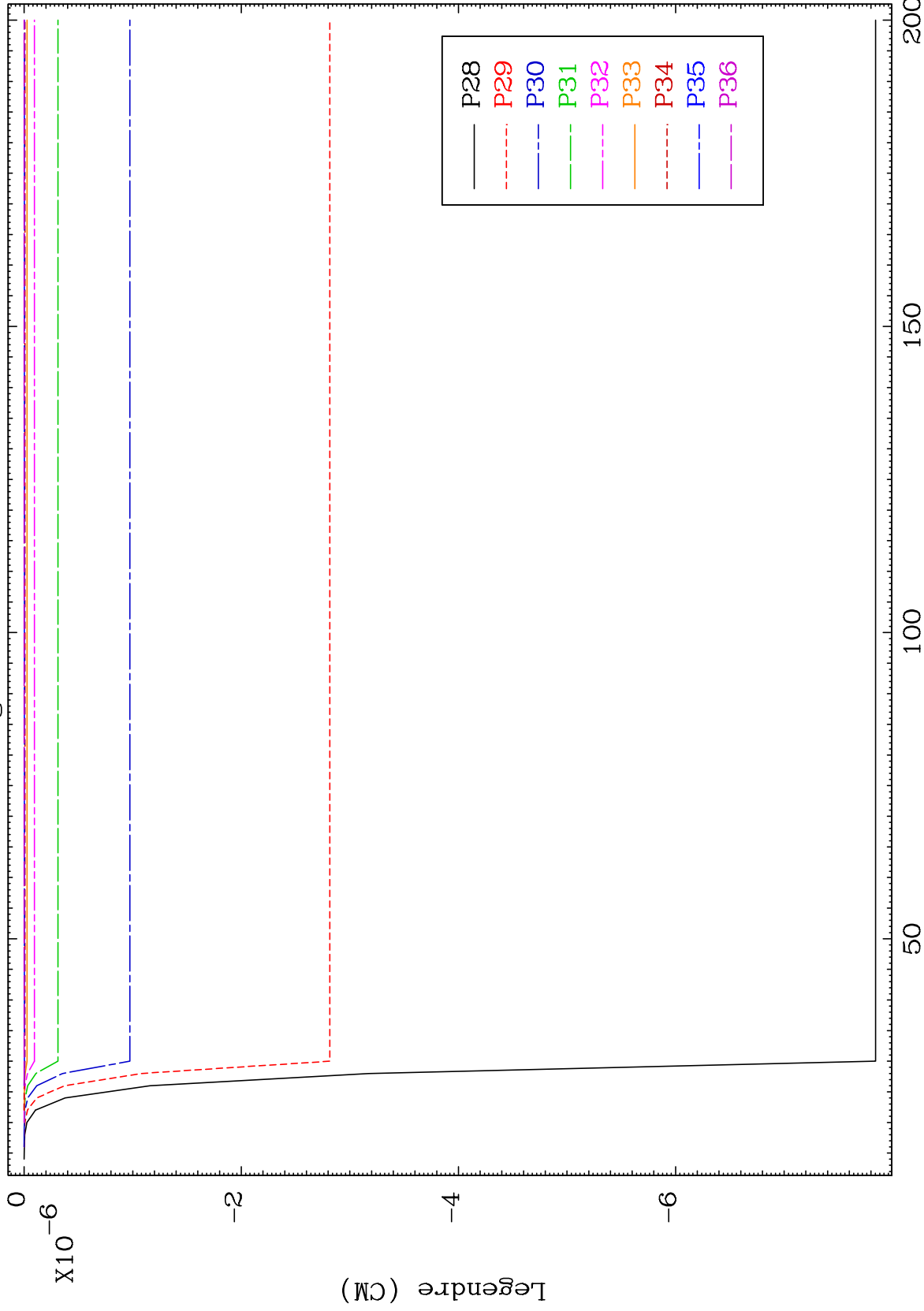
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

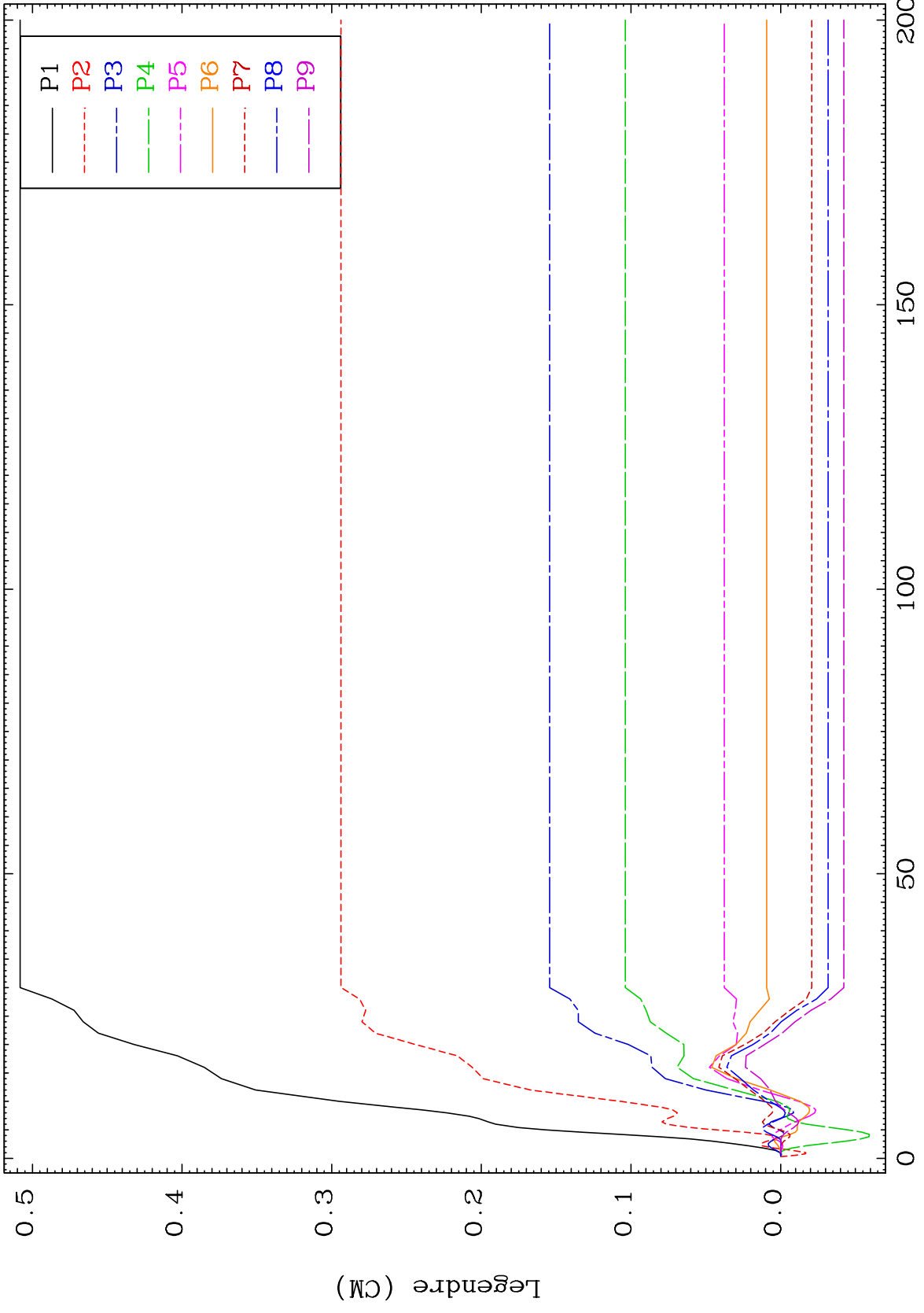
60-Nd-149



43

60-Nd-149

MAT 6046 MT= 57 (n,n') Level Legendre Coefficients 60-Nd-149

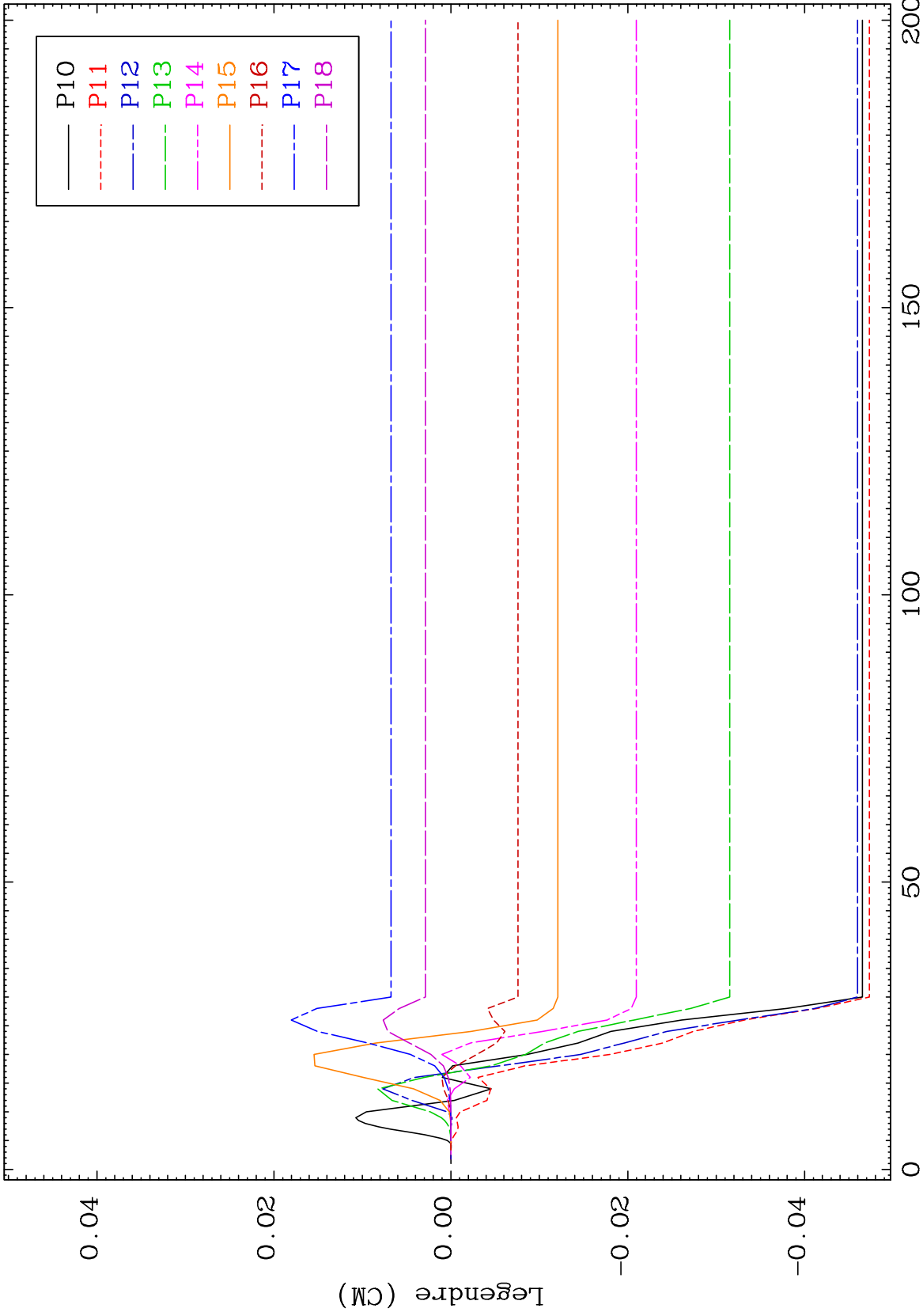


44 60-Nd-149

MAT 6046

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

60-Nd-149



45

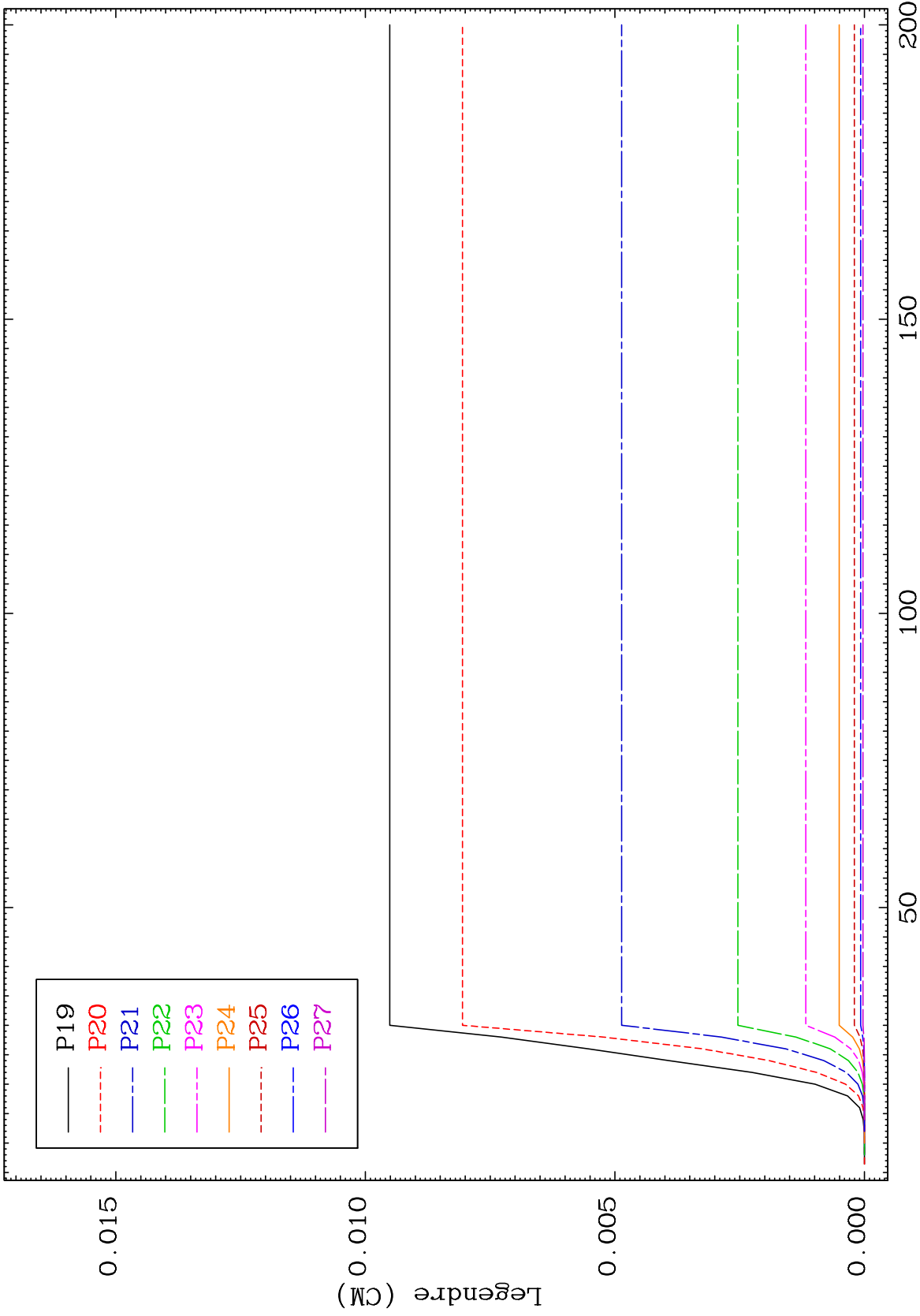
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



46

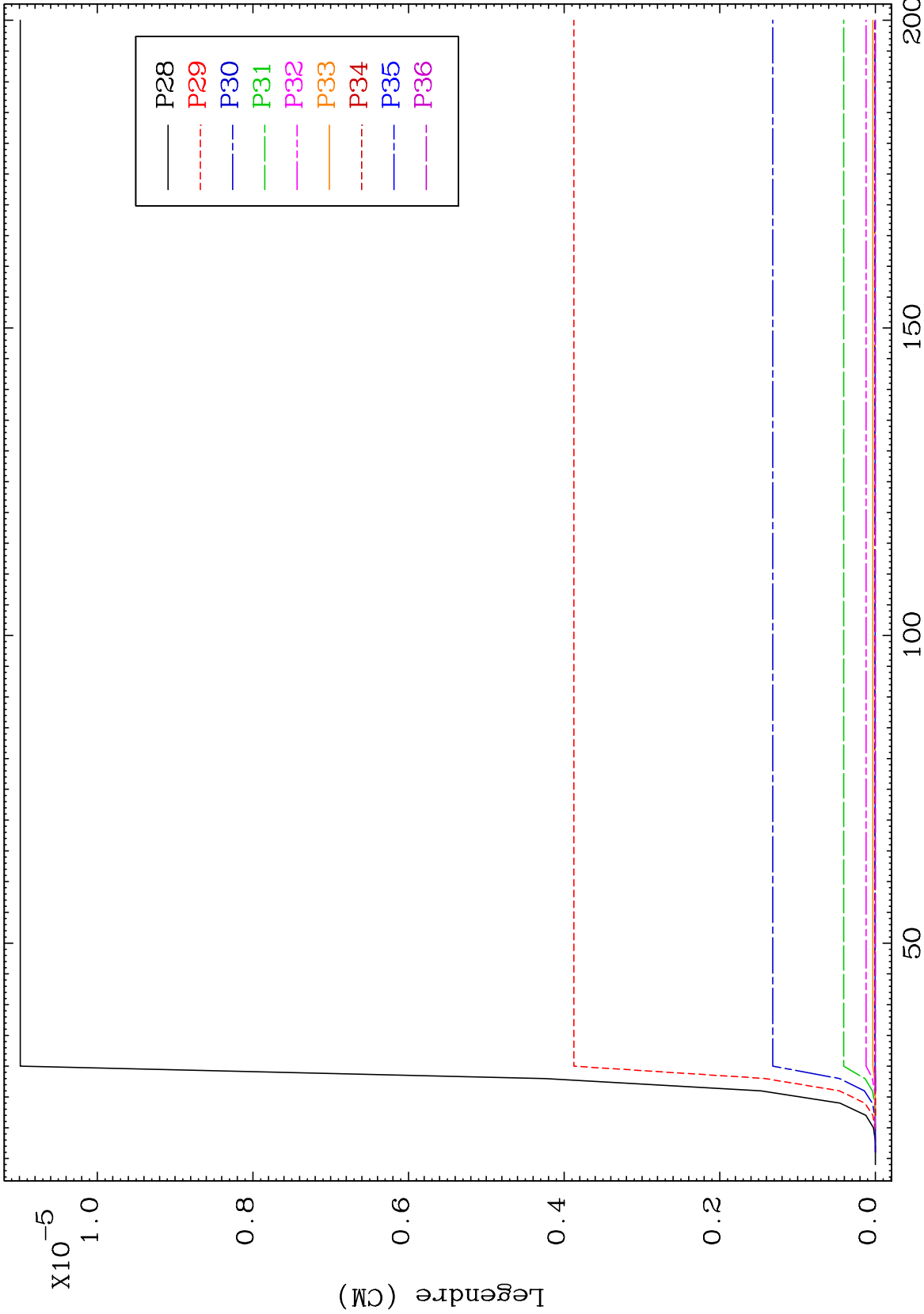
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149

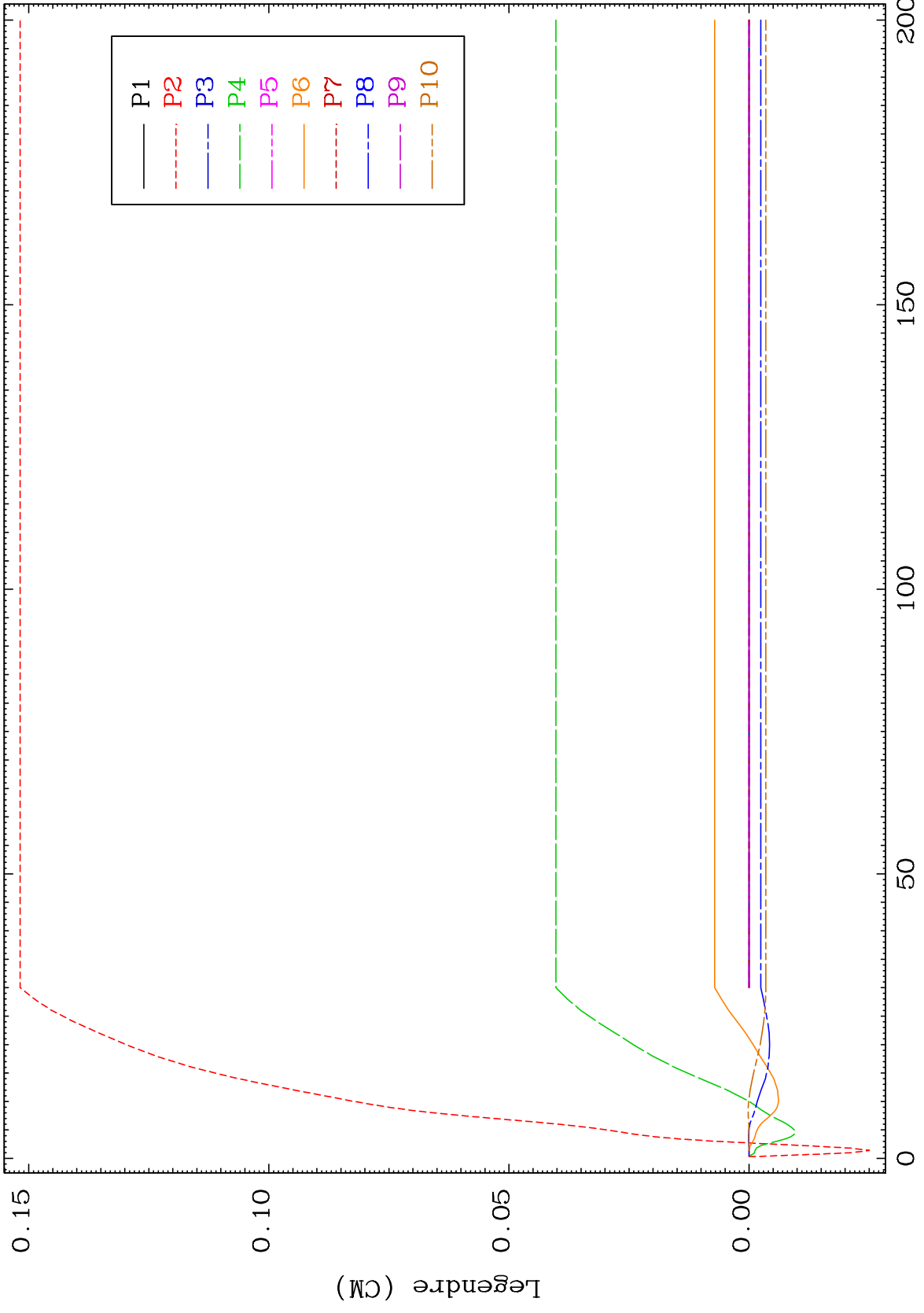


47

Incident Energy (MeV)

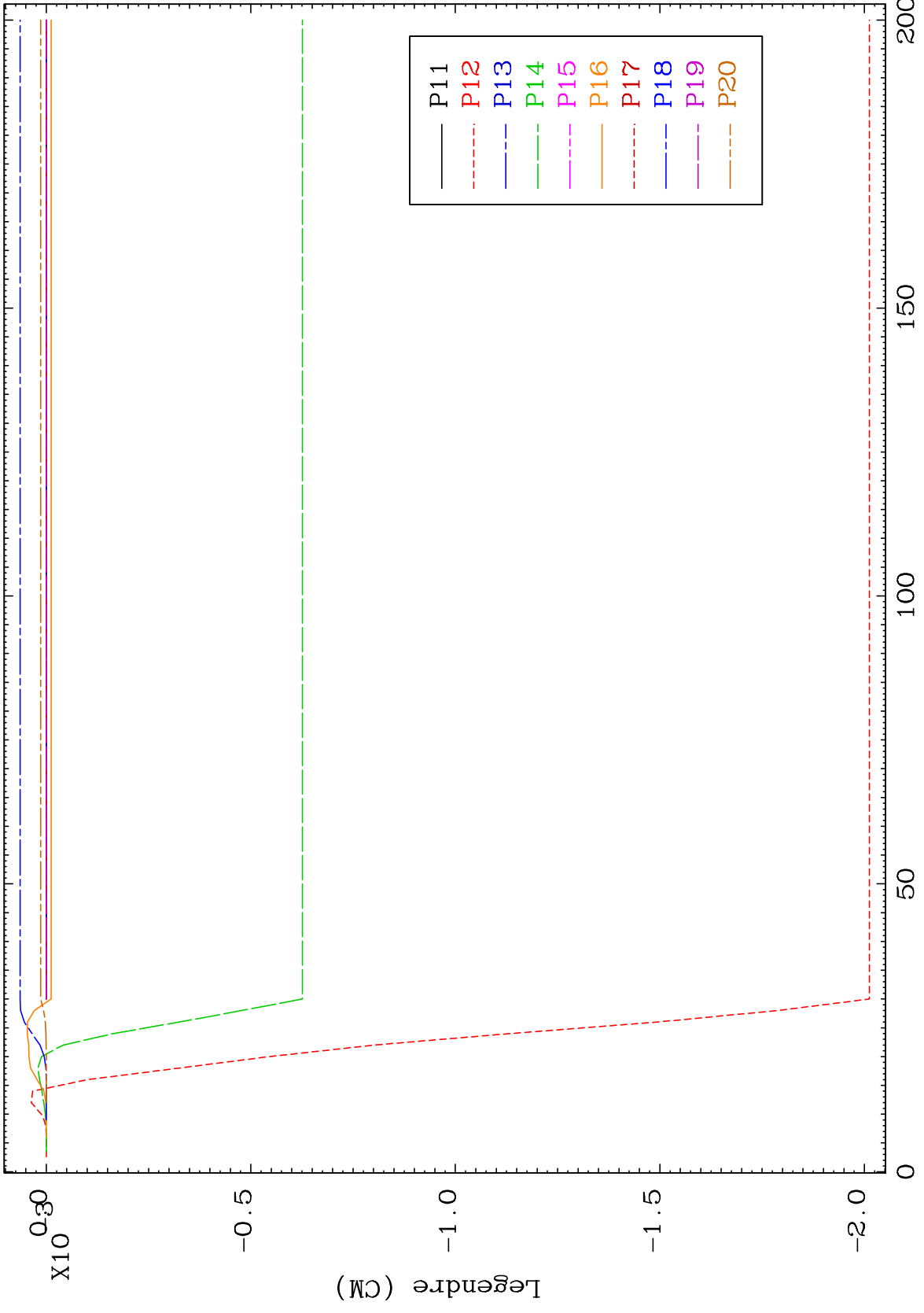
60-Nd-149

MAT 6046 MT= 58 (n,n') Level Legendre Coefficients 60-Nd-149



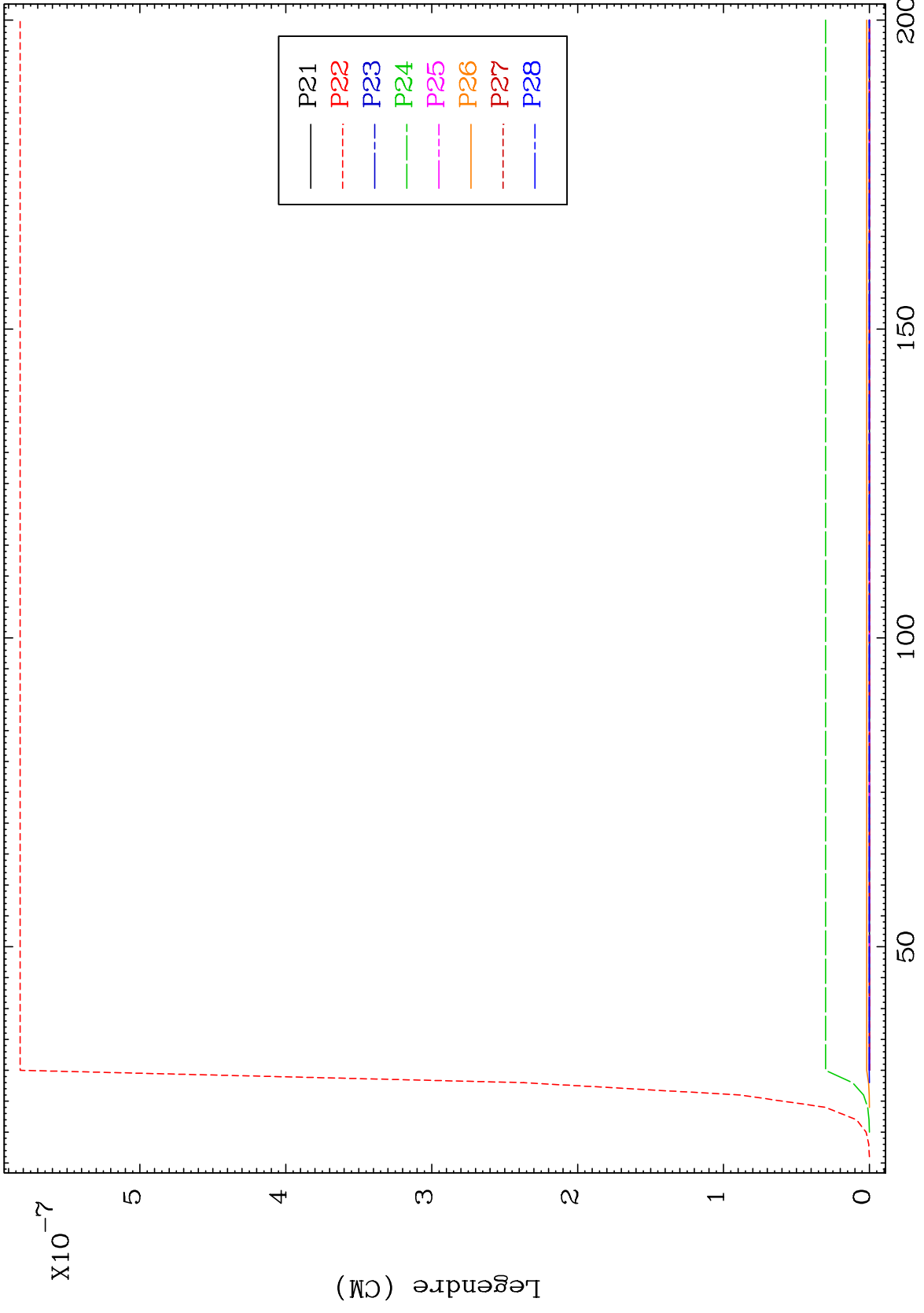
48 60-Nd-149

MAT 6046 MT= 58 (n,n') Level Legendre Coefficients 60-Nd-149



49 60-Nd-149

MAT 6046 MT= 58 (n,n') Level Legendre Coefficients 60-Nd-149

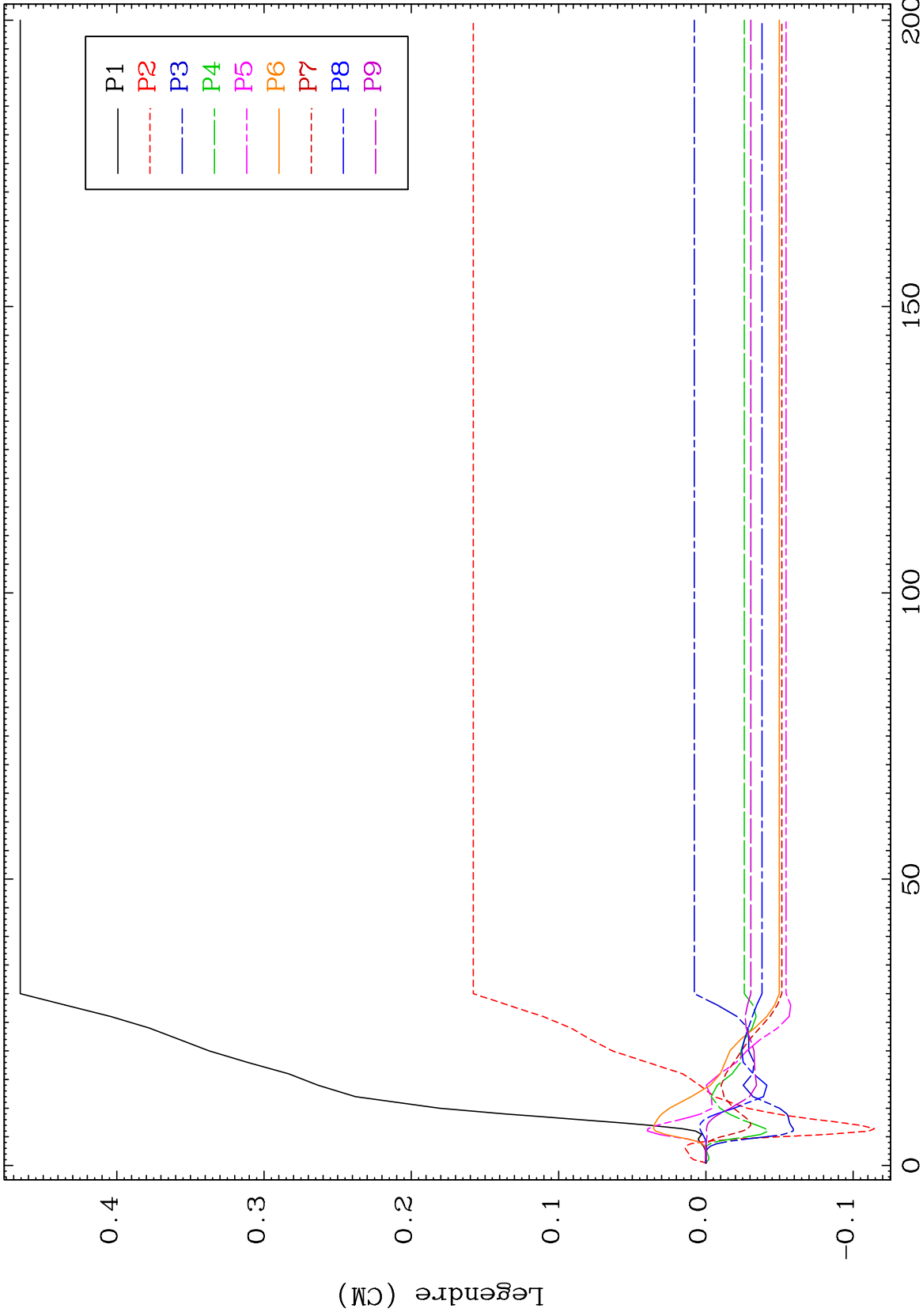


60-Nd-149

MAT 6046

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

60-Nd-149



51

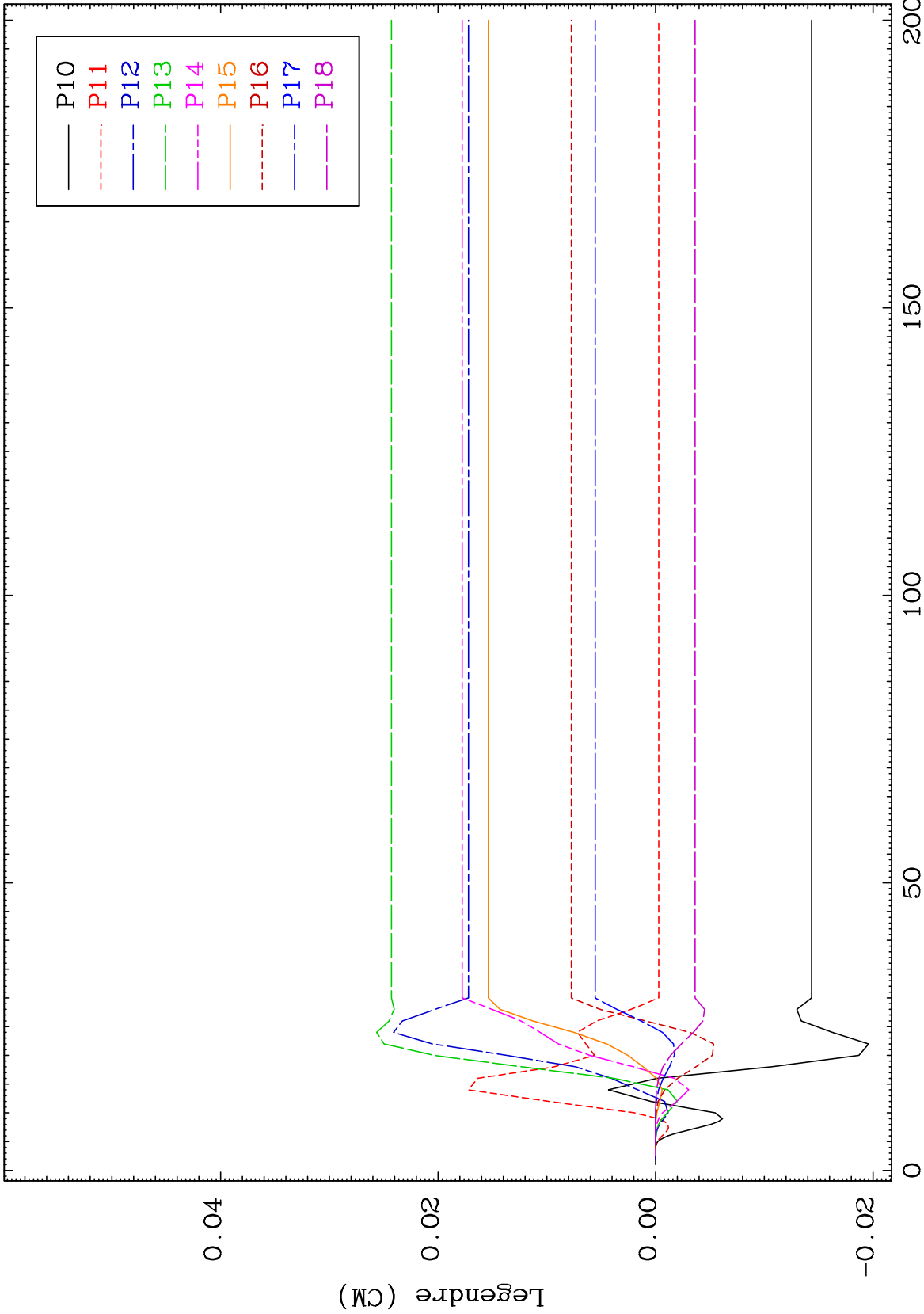
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



52

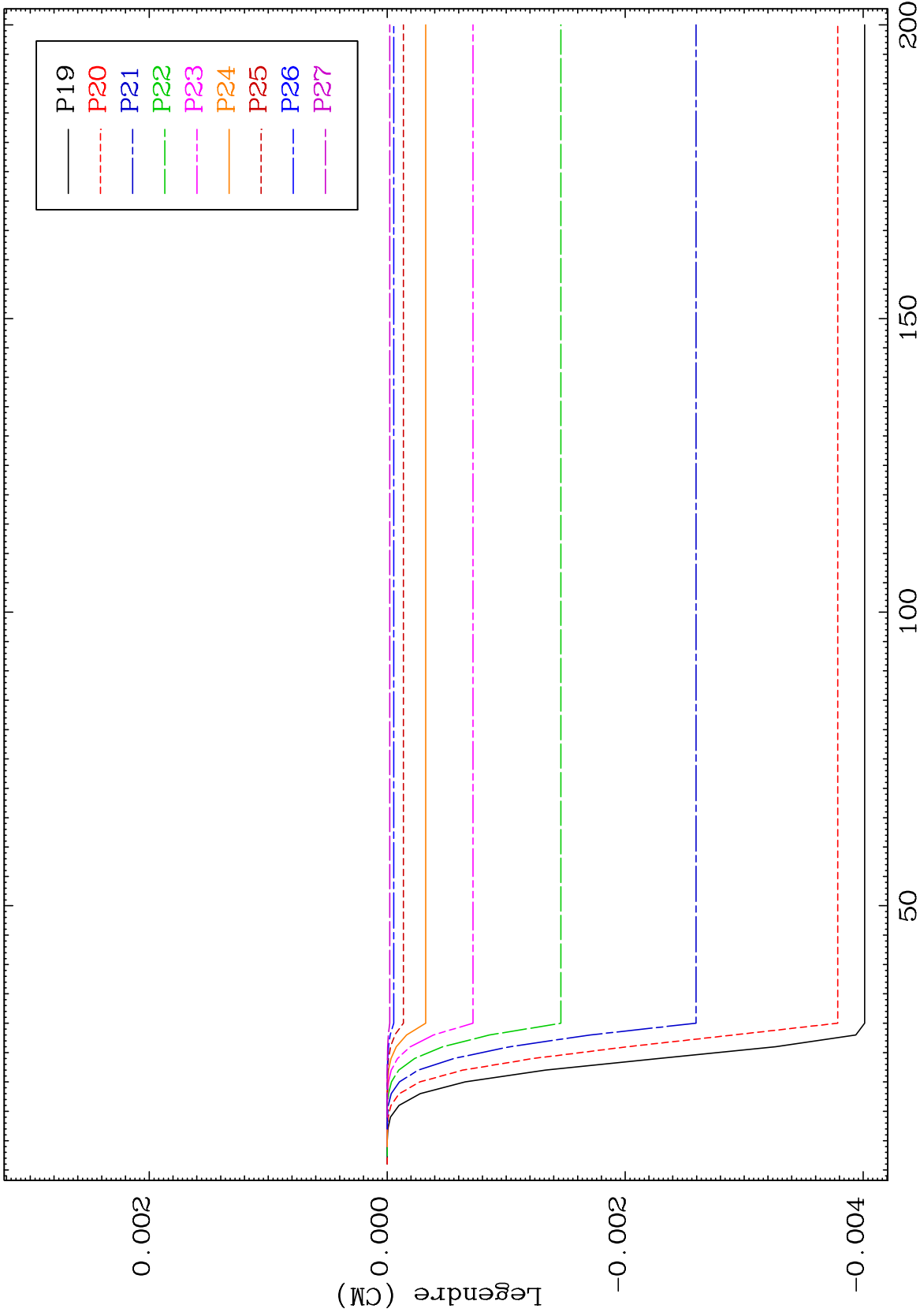
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



53

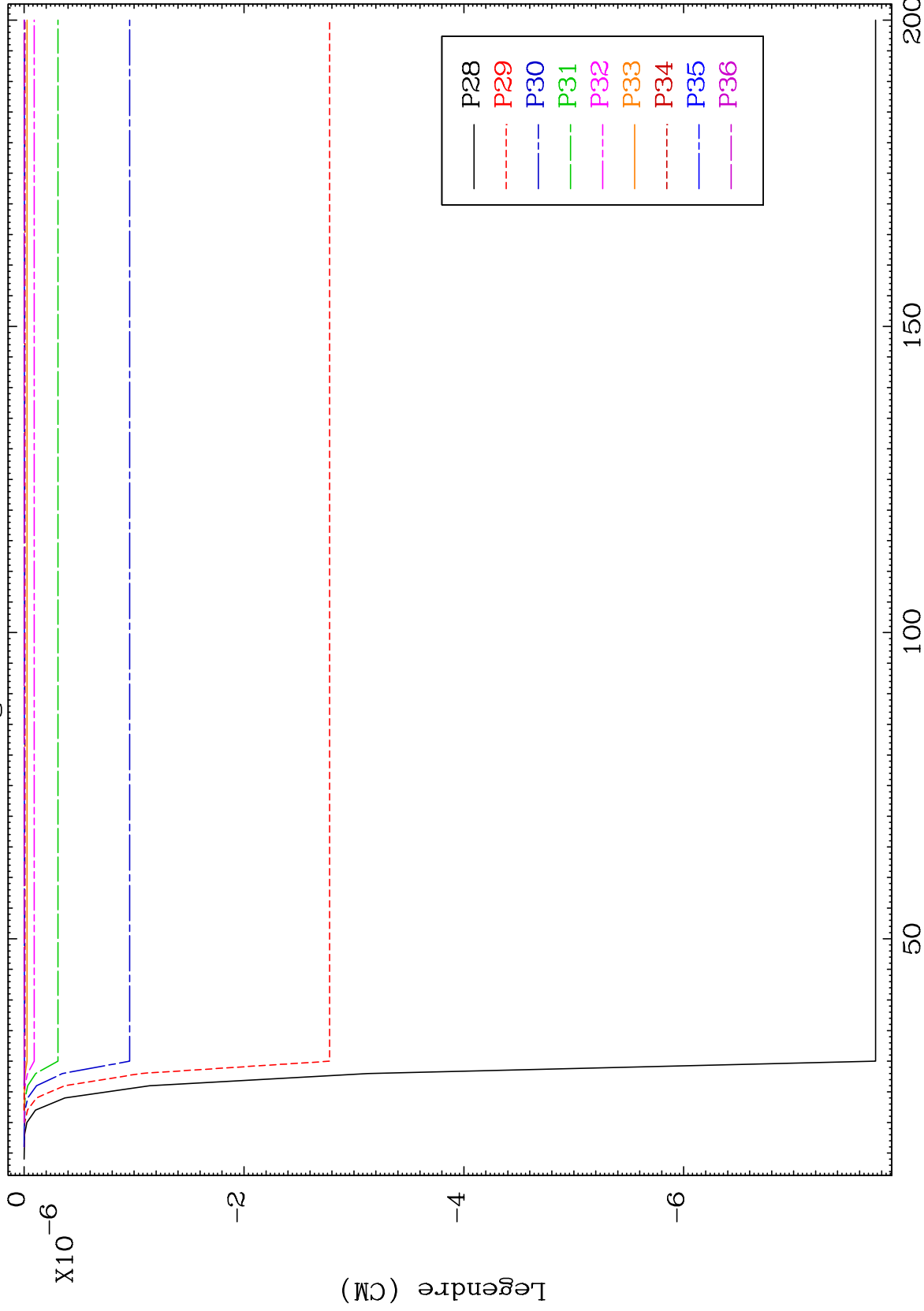
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

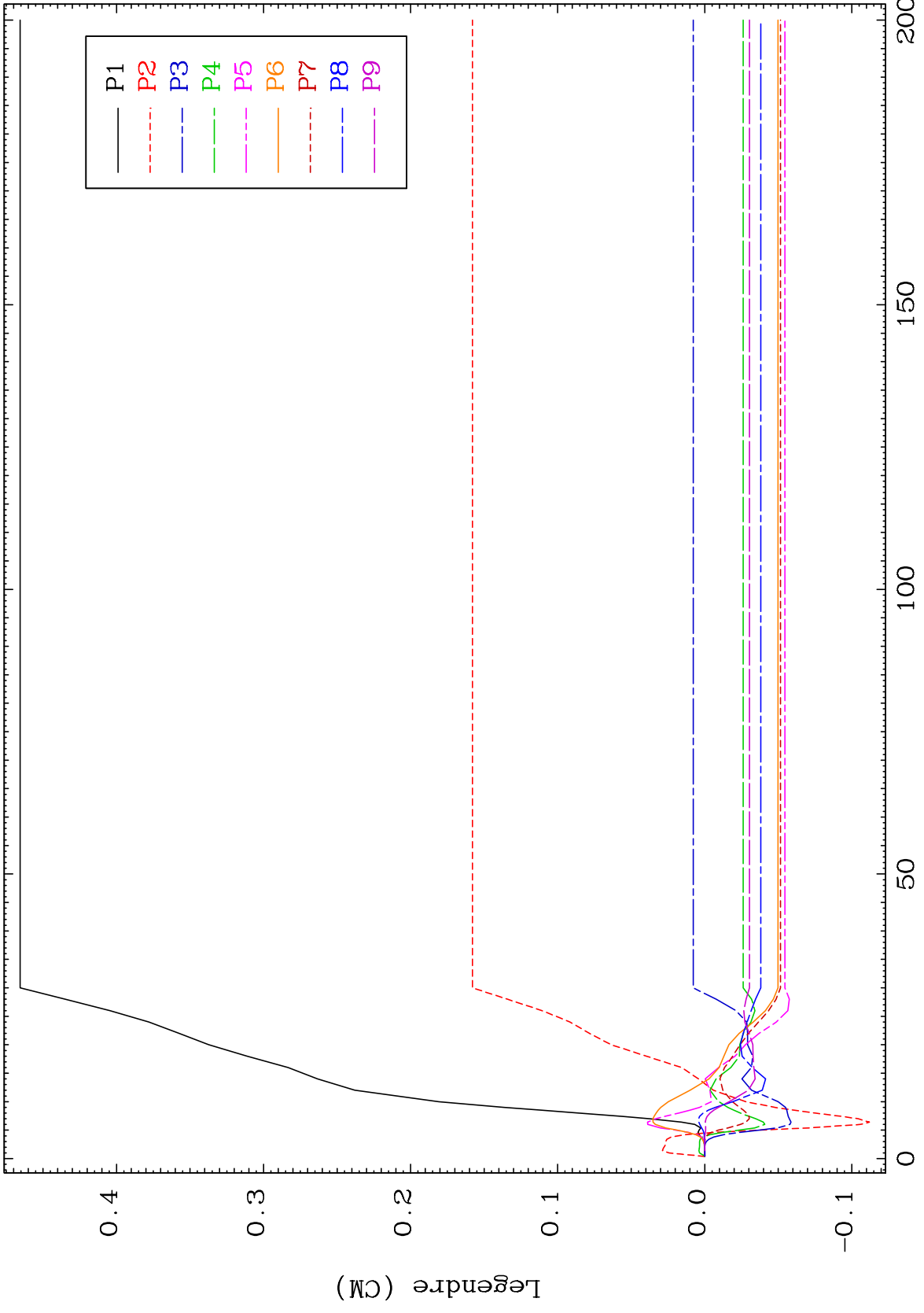
60-Nd-149



54

60-Nd-149

MAT 6046 MT= 60 (n, n') Level Legendre Coefficients 60-Nd-149

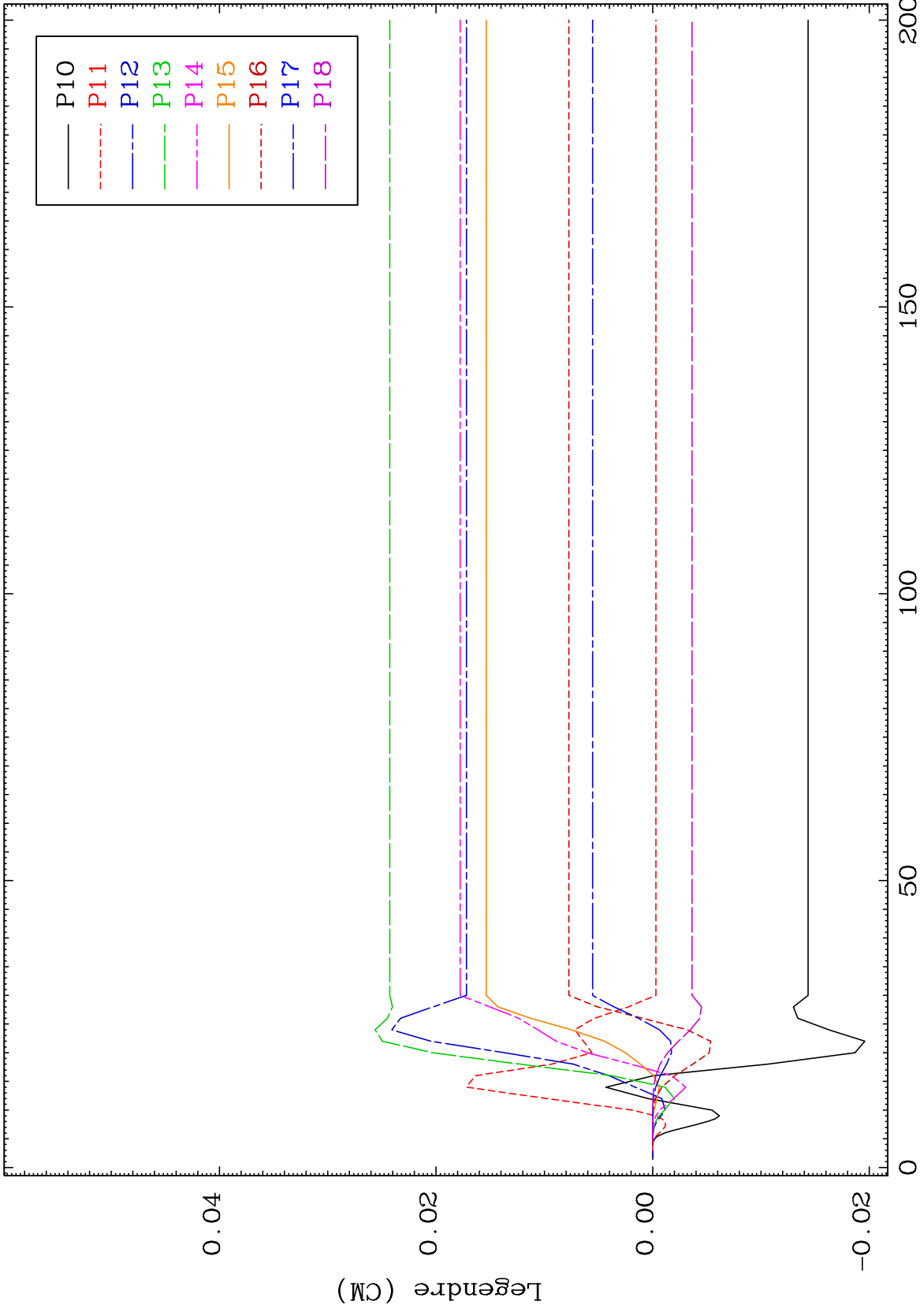


Legendre (CM) Incident Energy (MeV) 60-Nd-149

MAT 6046

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

60-Nd-149



56

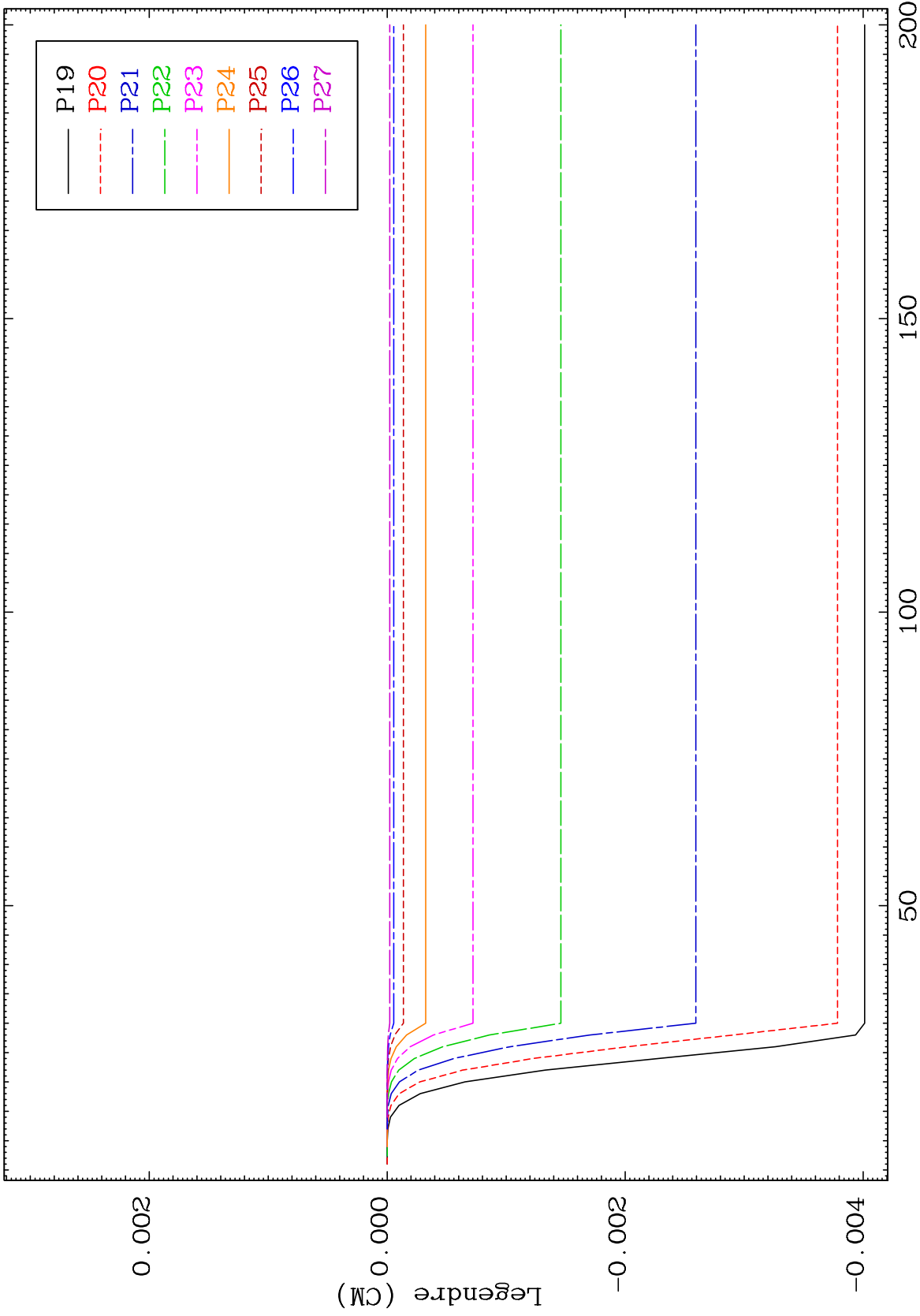
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



57

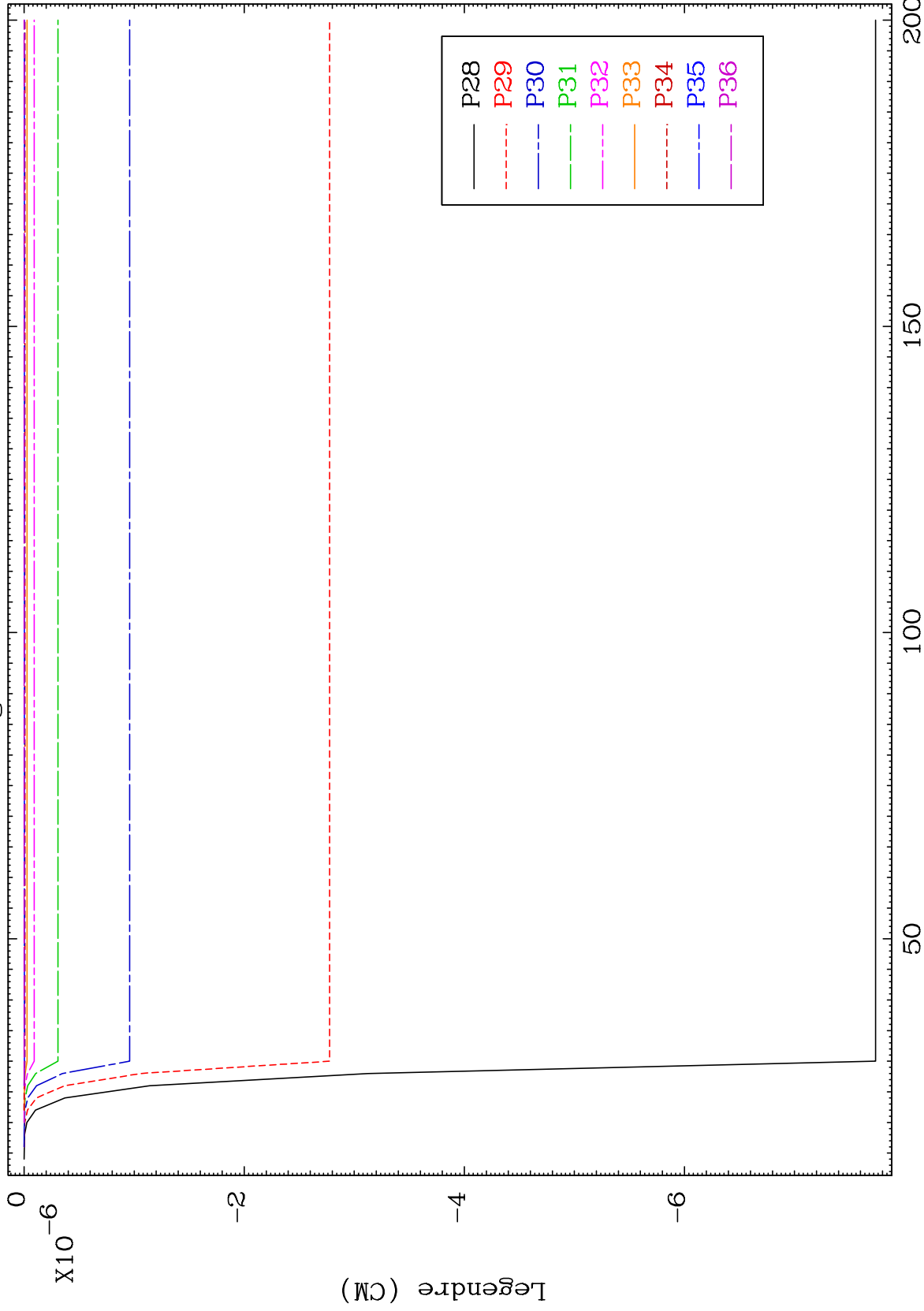
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149

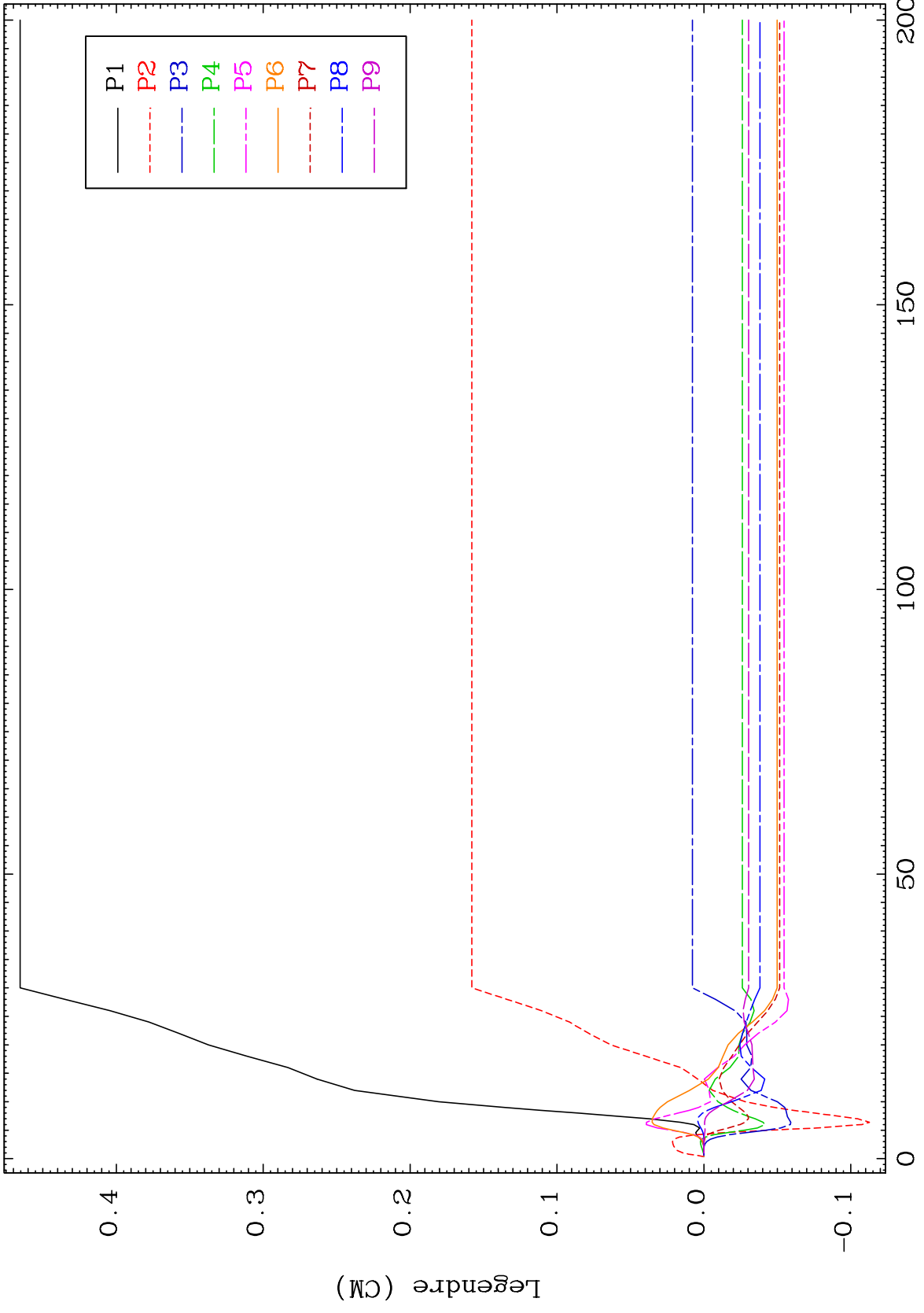


60-Nd-149

Incident Energy (MeV)

58

MAT 6046 MT= 61 (n,n') Level Legendre Coefficients 60-Nd-149

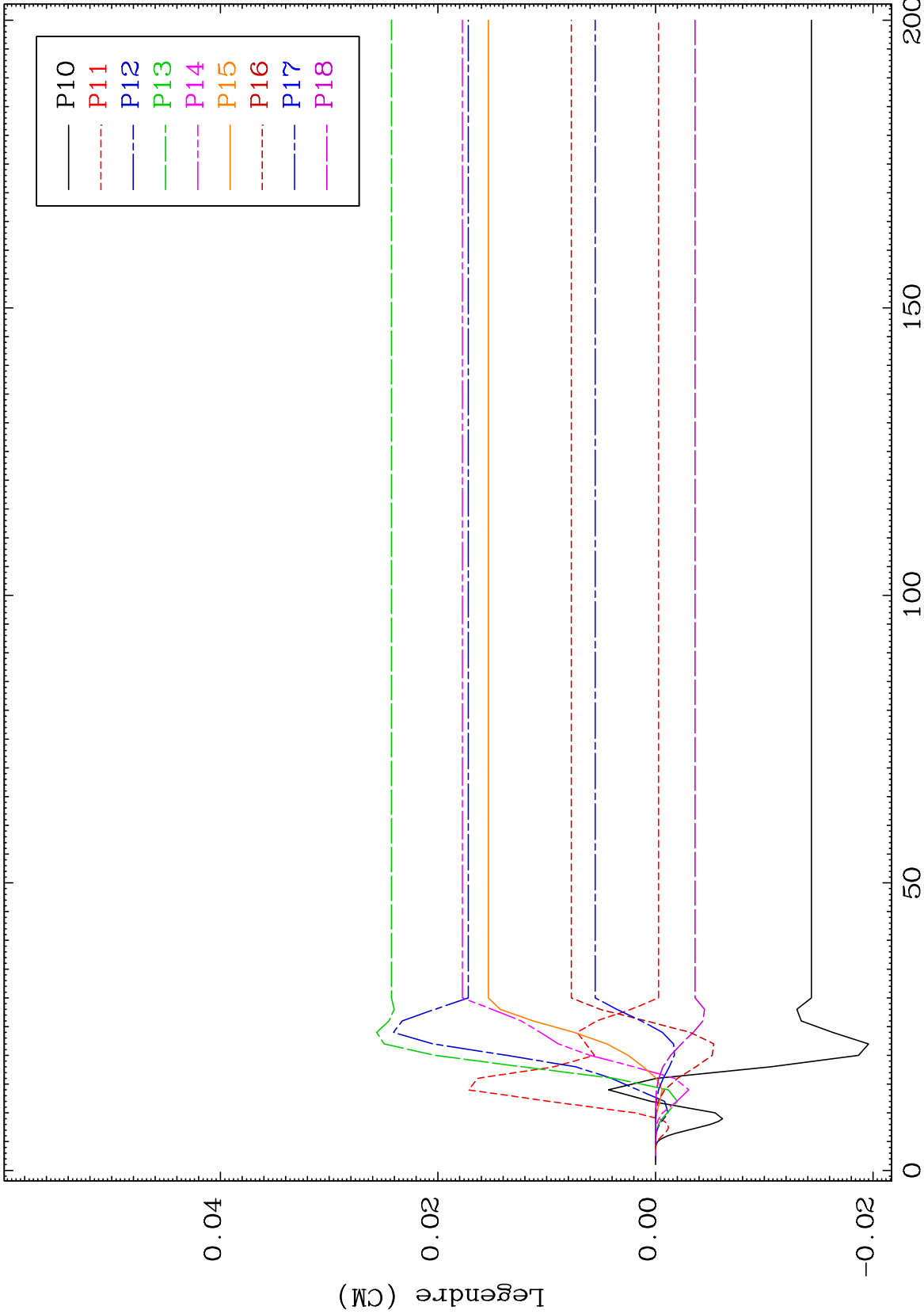


59 60-Nd-149

MAT 6046

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

60-Nd-149



60

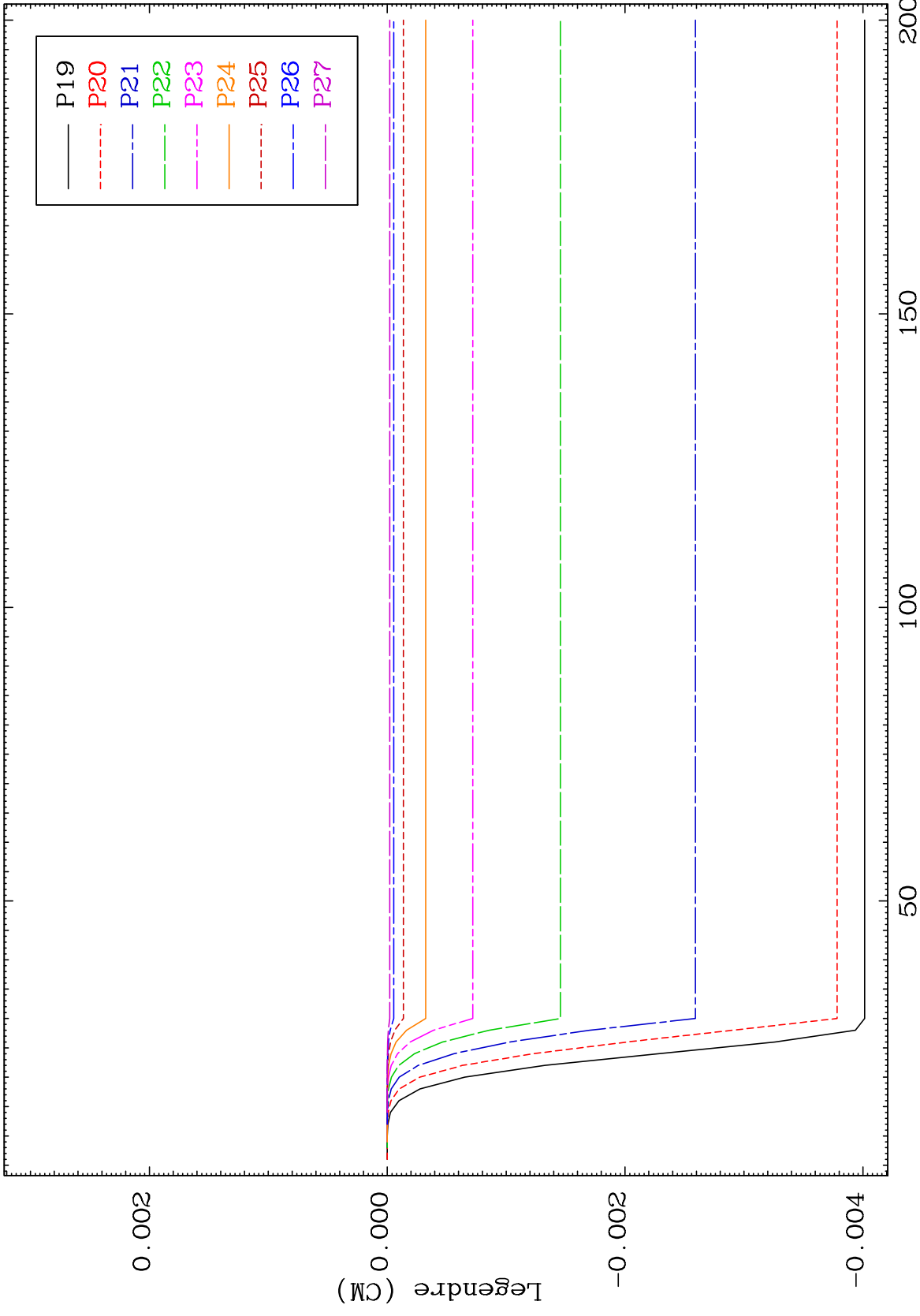
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



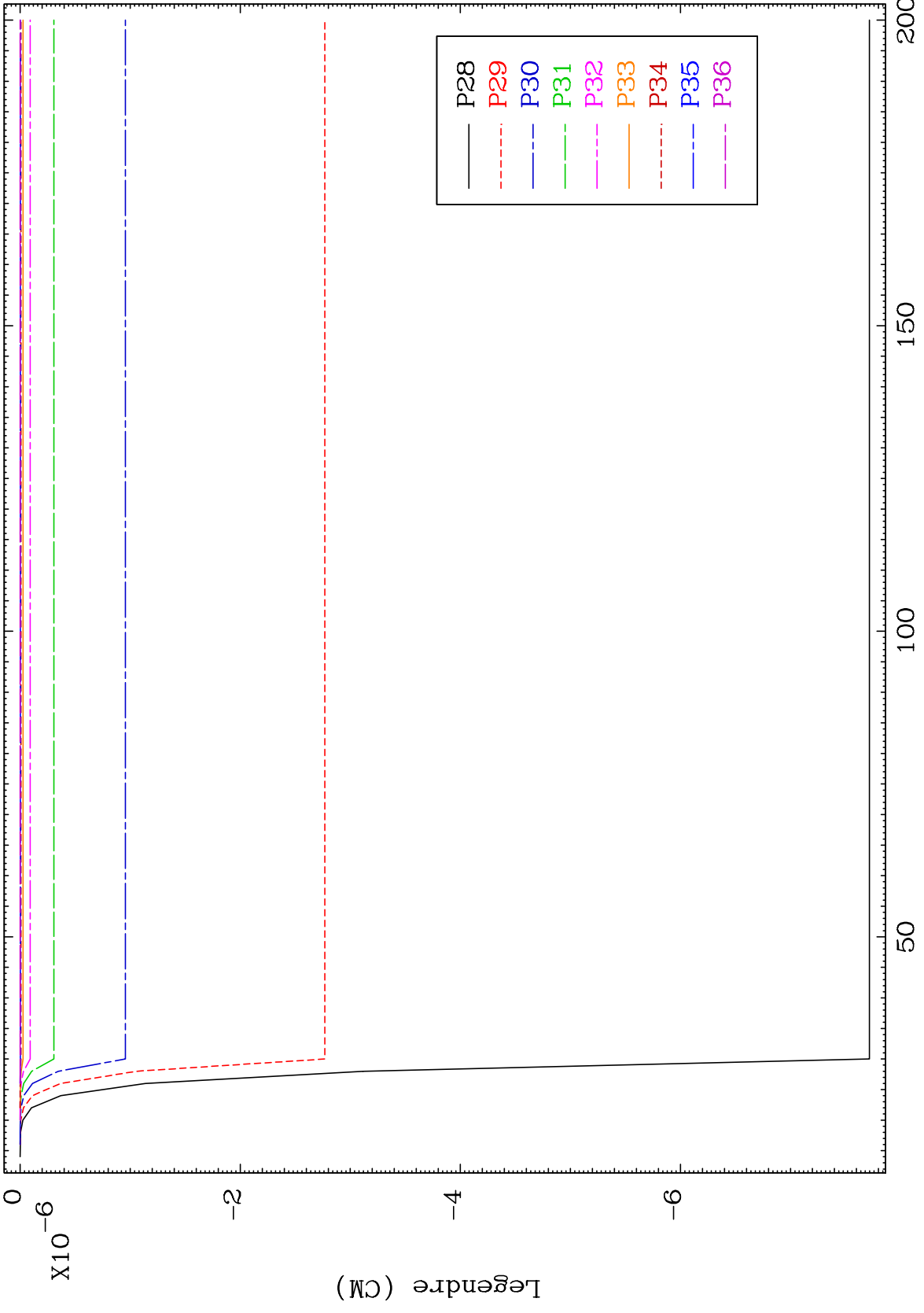
61

Incident Energy (MeV)

60-Nd-149

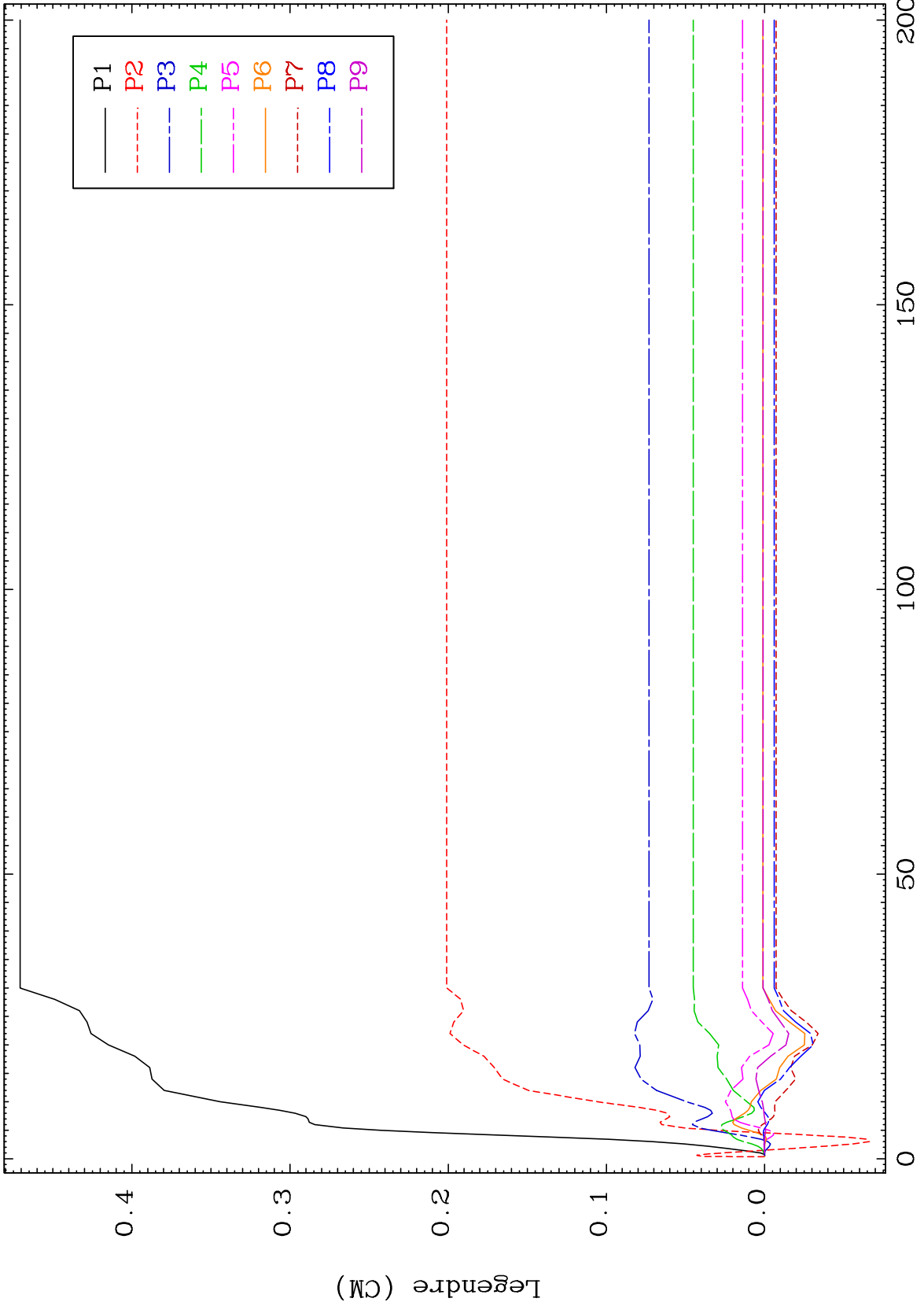
MAT 6046 MT= 61 (n,n') Level 60-Nd-149

Legendre Coefficients



62 60-Nd-149

MAT 6046 MT= 62 (n,n') Level Legendre Coefficients 60-Nd-149

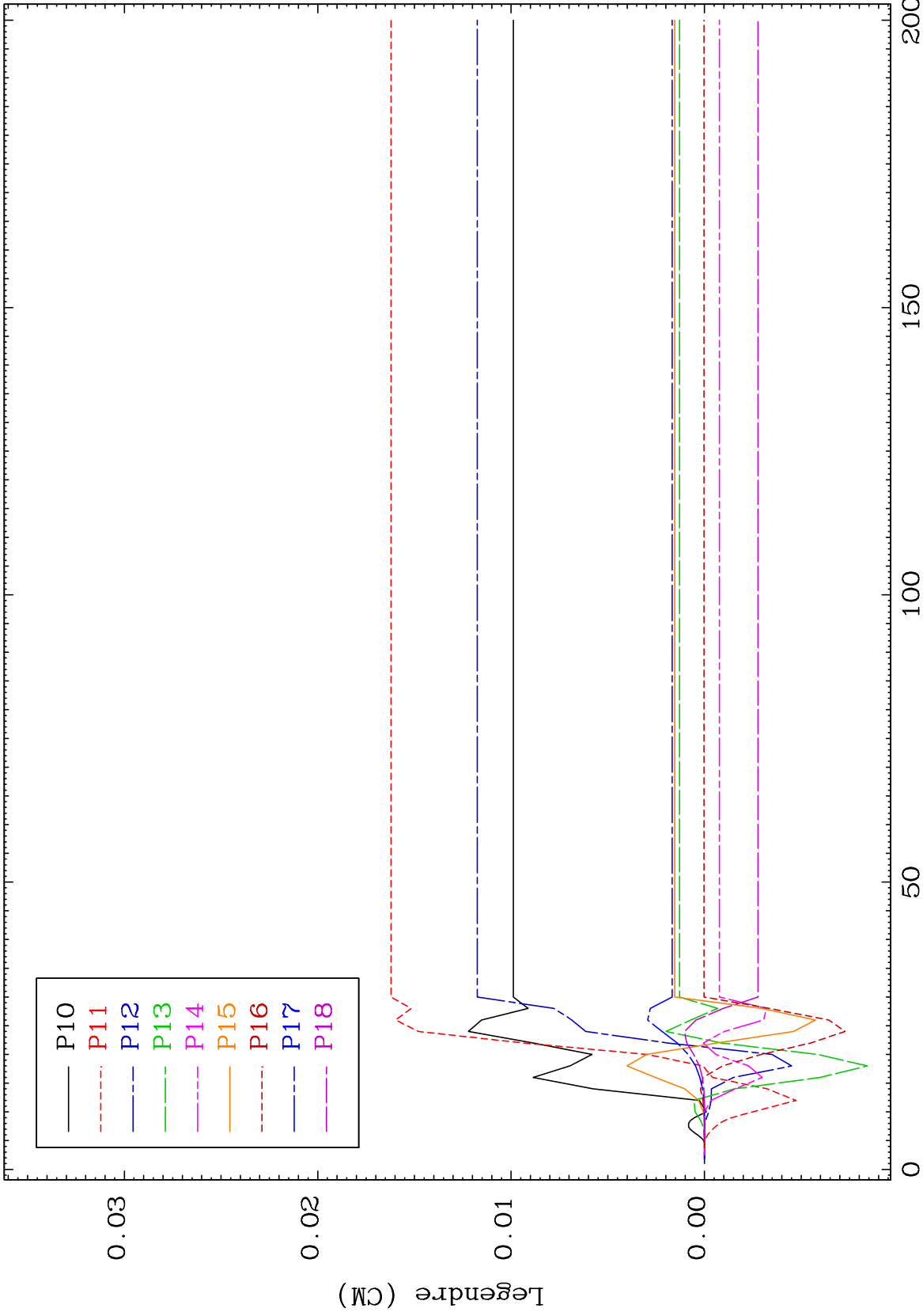


63 60-Nd-149

MAT 6046

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

60-Nd-149



64

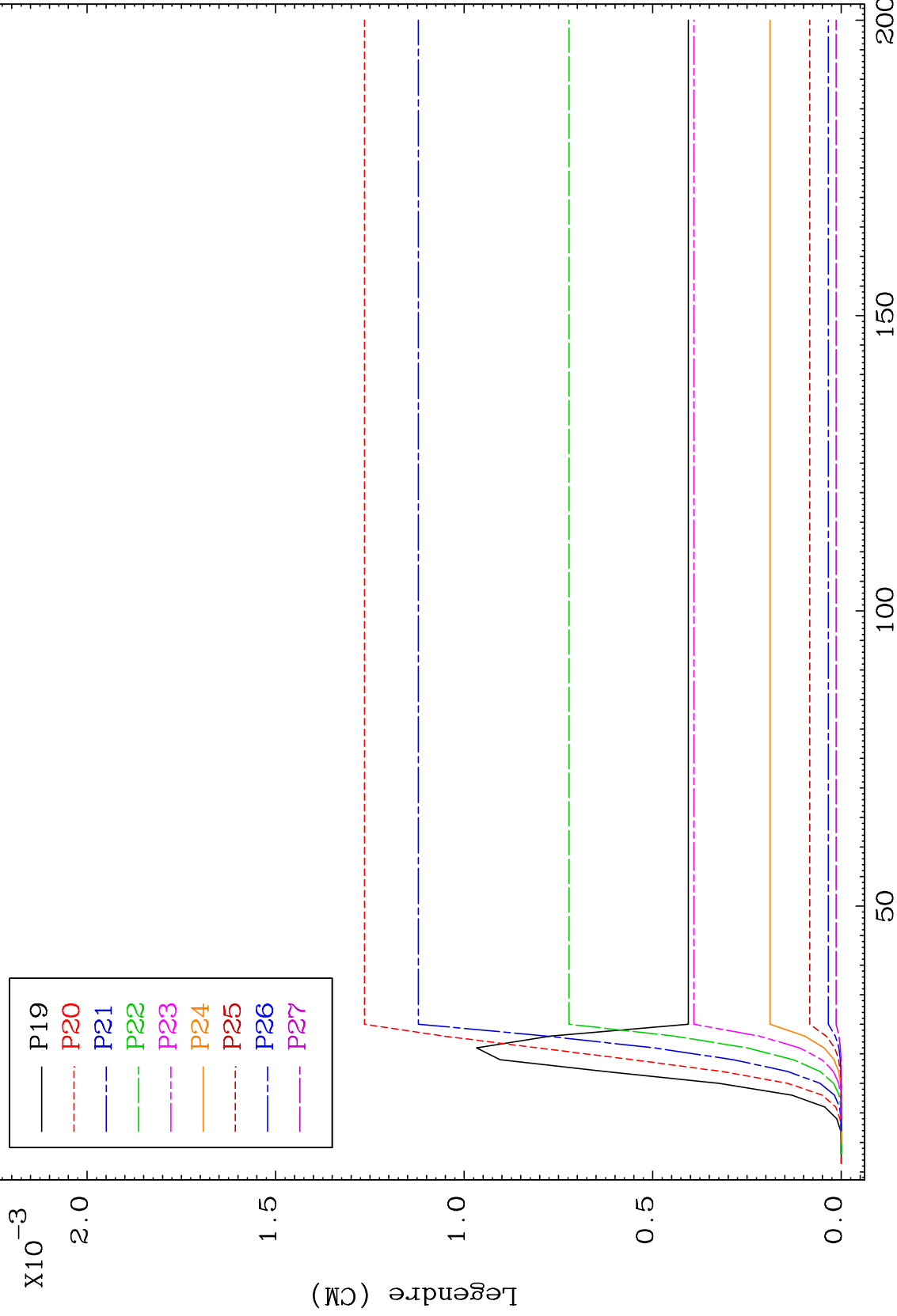
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



65

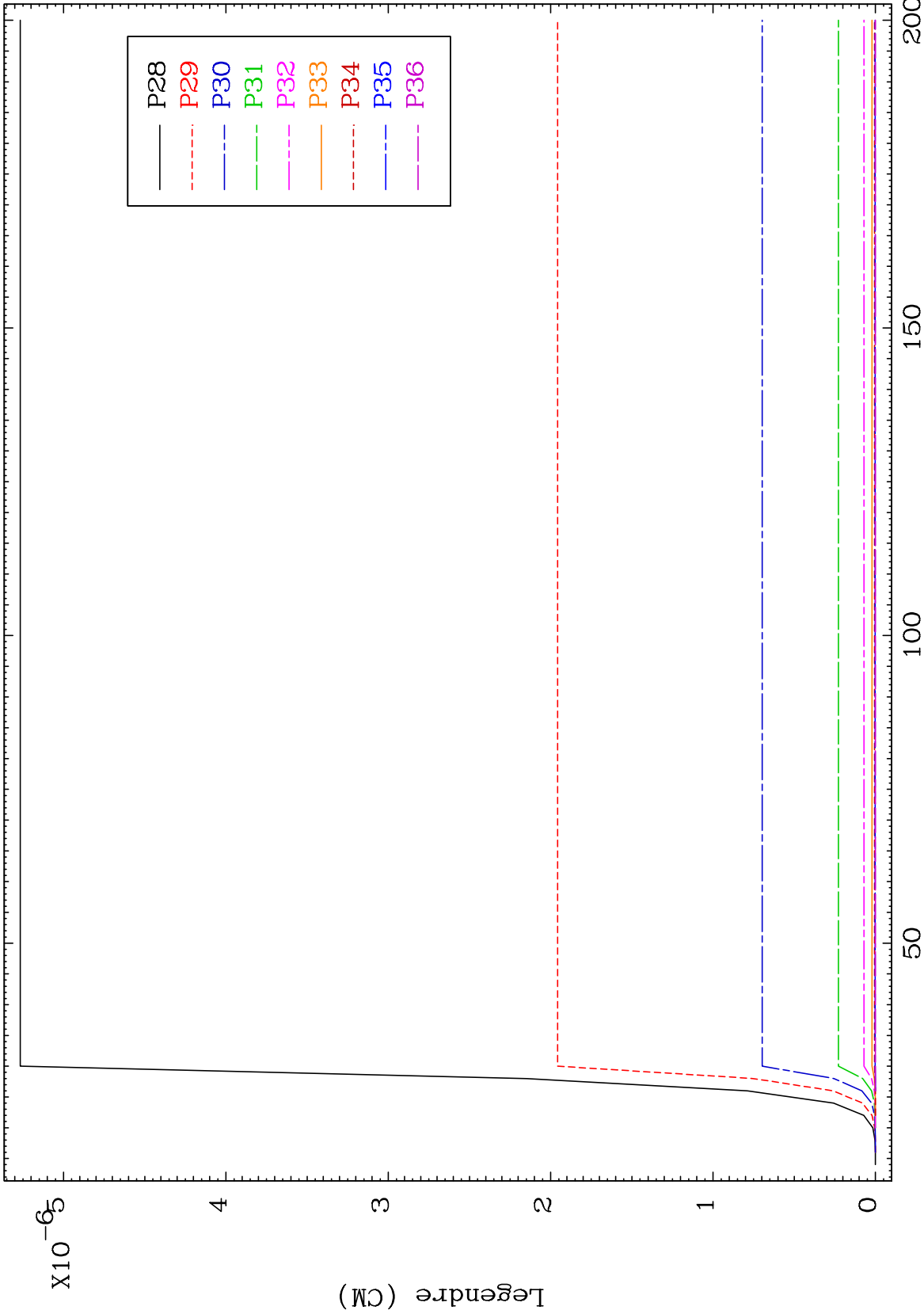
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



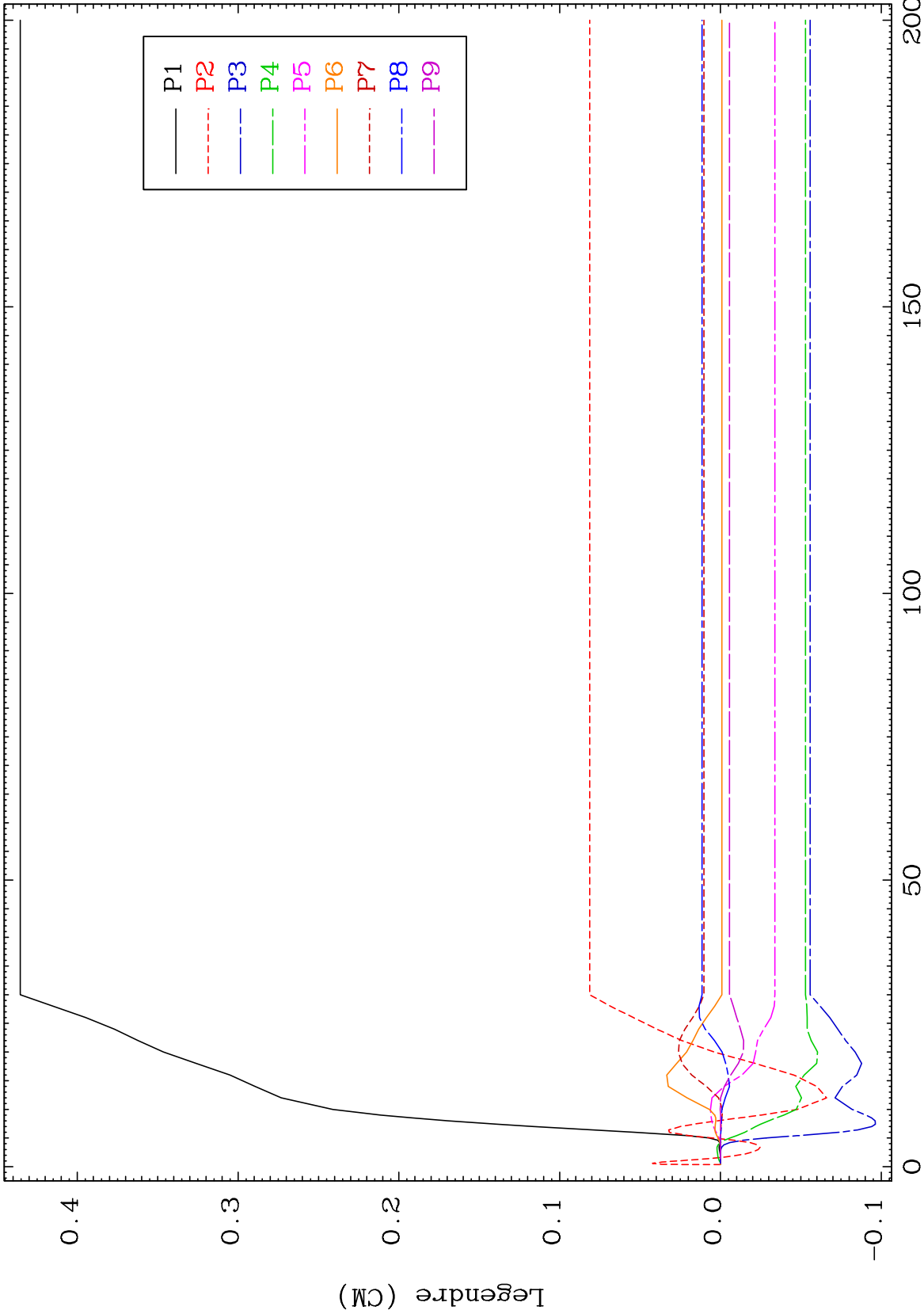
66

60-Nd-149

MAT 6046

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

60-Nd-149

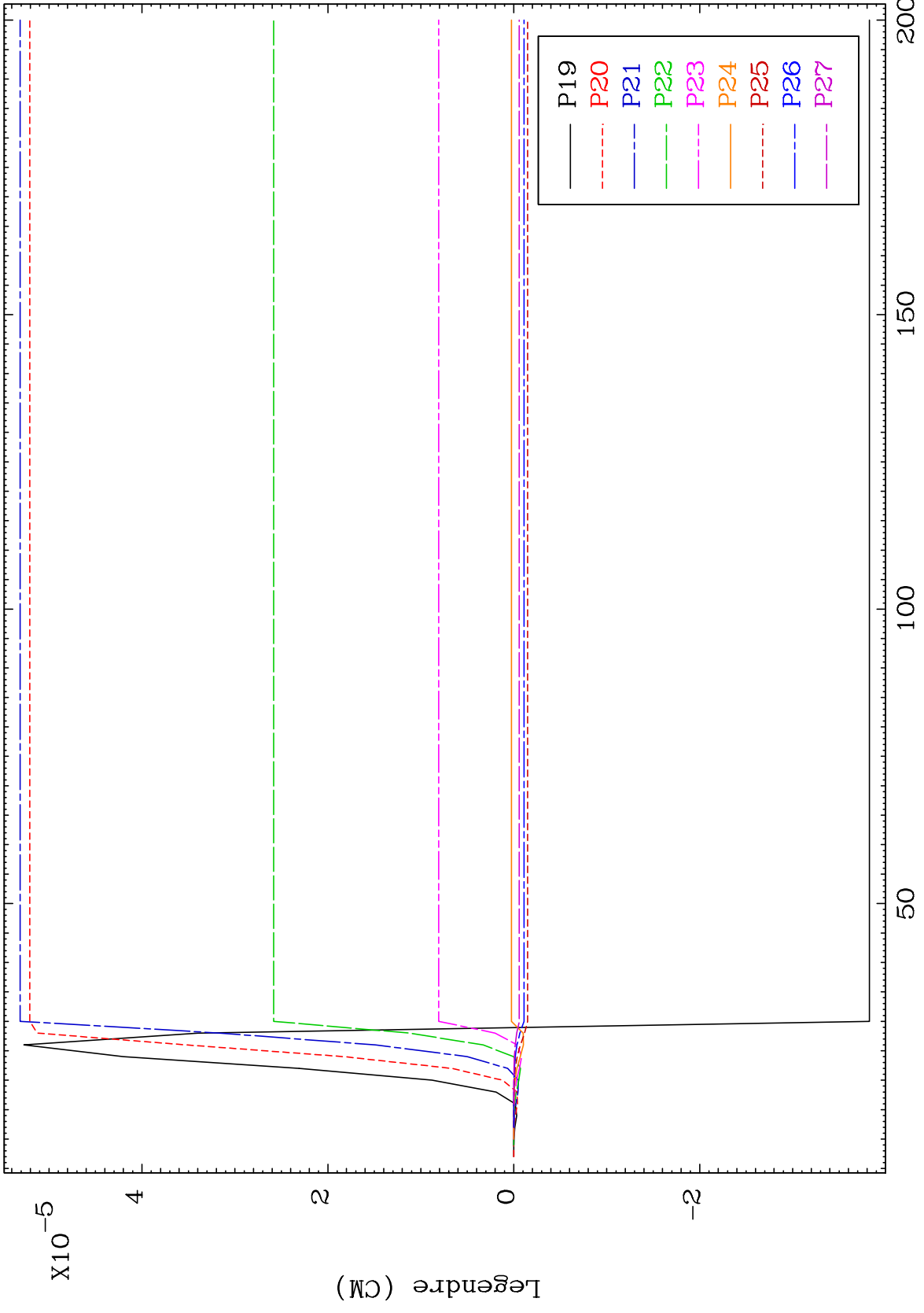


67

Incident Energy (MeV)

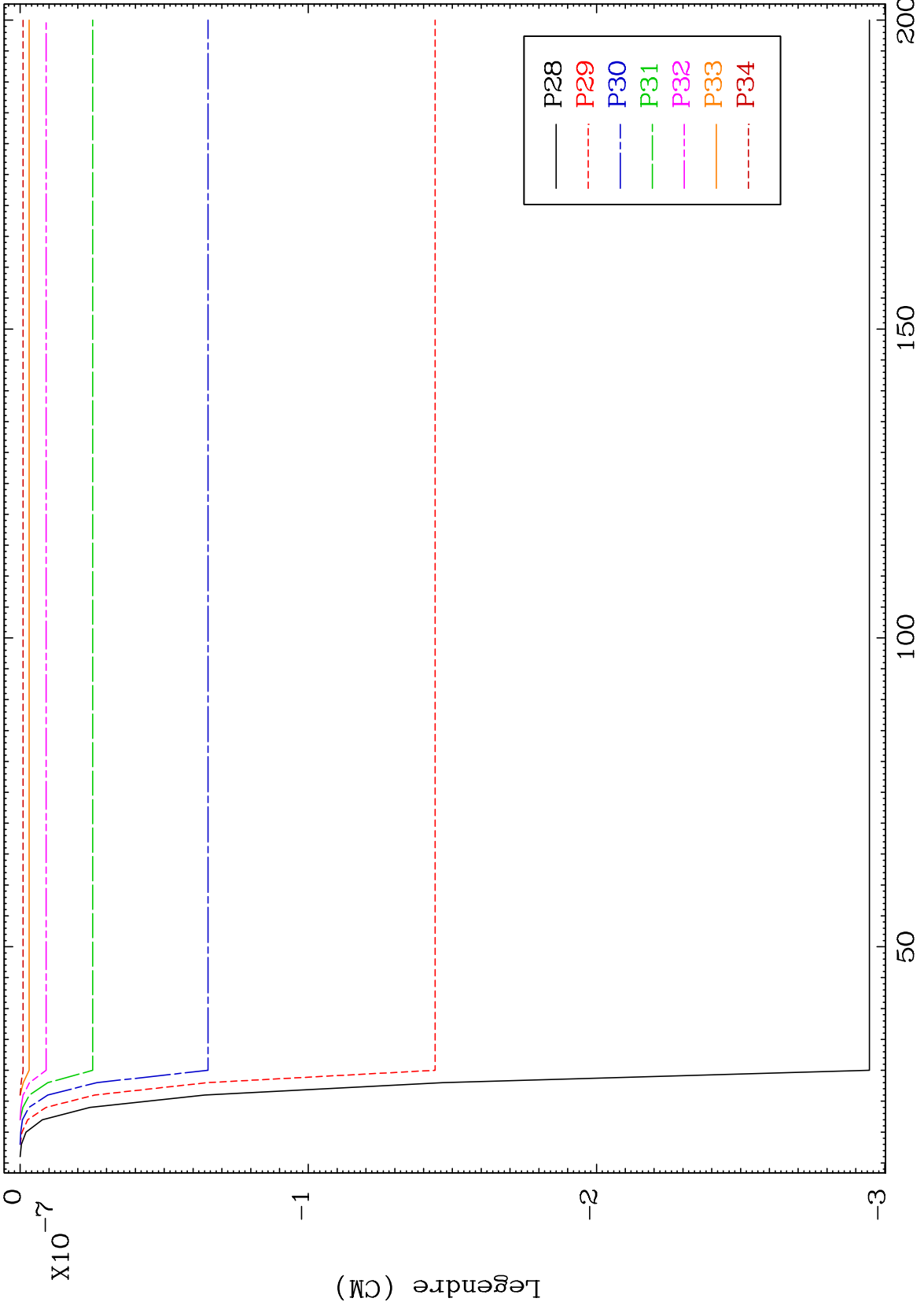
60-Nd-149

MAT 6046 MT= 63 (n,n') Level Legendre Coefficients 60-Nd-149



69 60-Nd-149

MAT 6046 MT= 63 (n,n') Level Legendre Coefficients 60-Nd-149

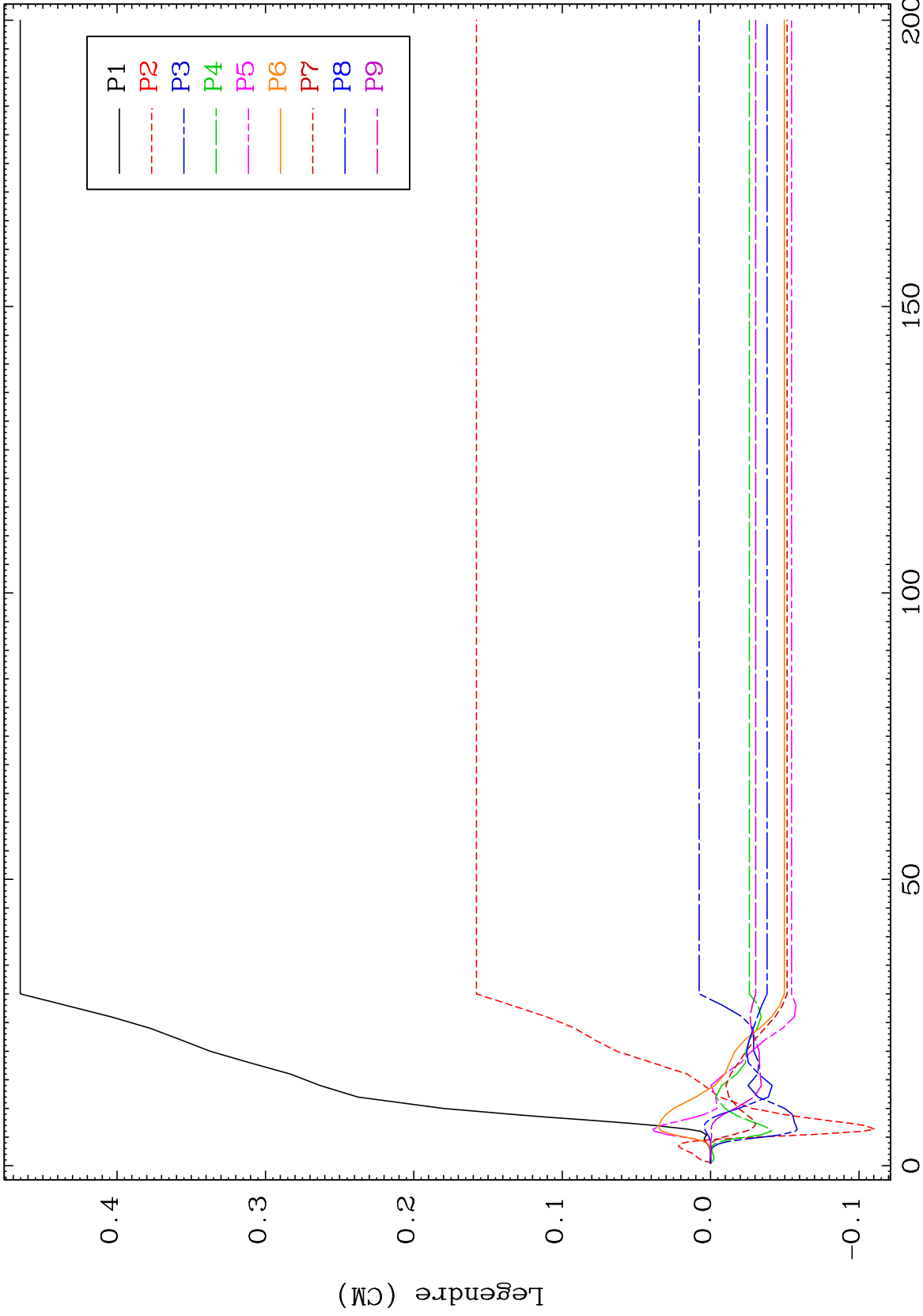


70 Incident Energy (MeV) 60-Nd-149

MAT 6046

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

60-Nd-149



71

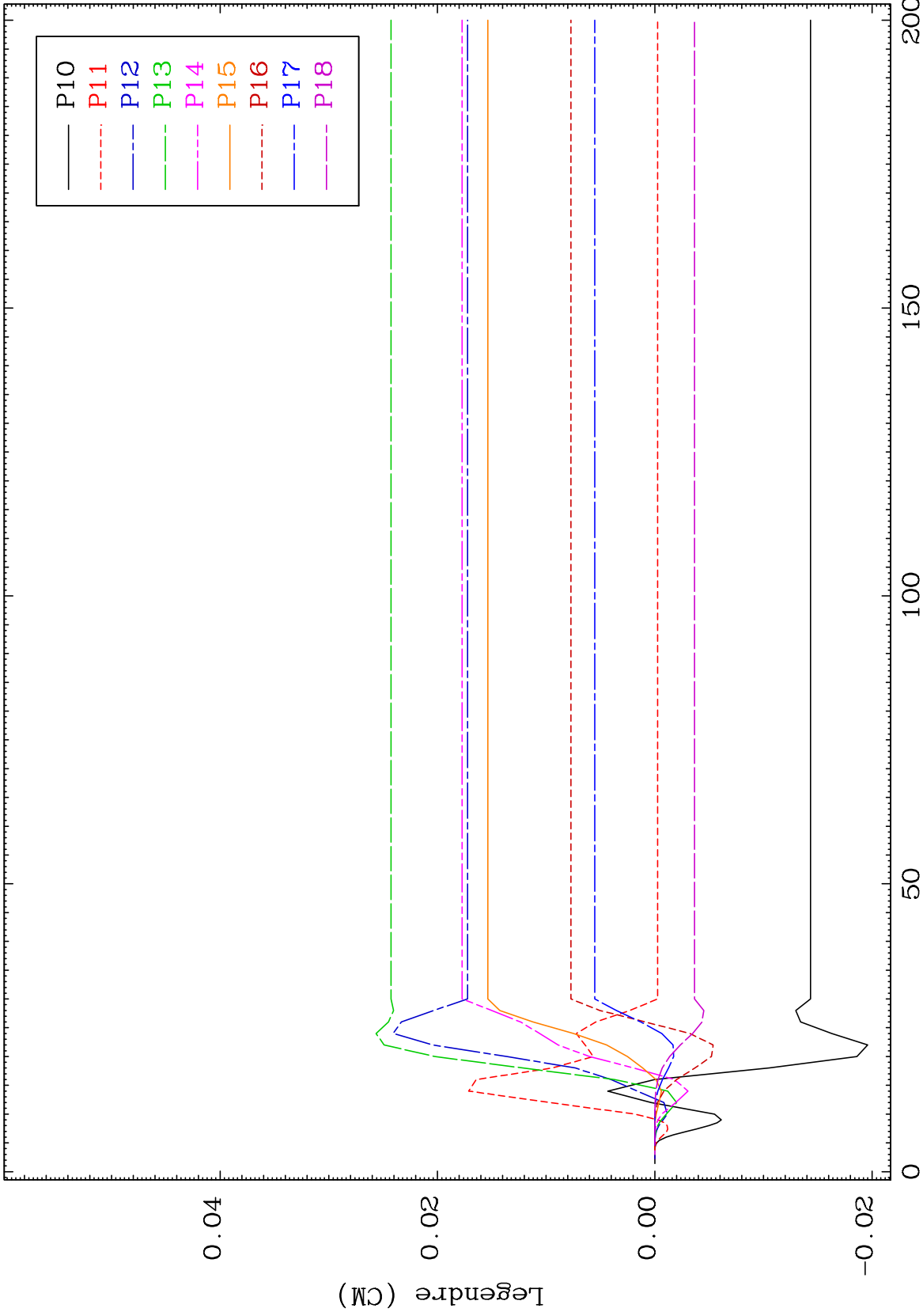
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



72

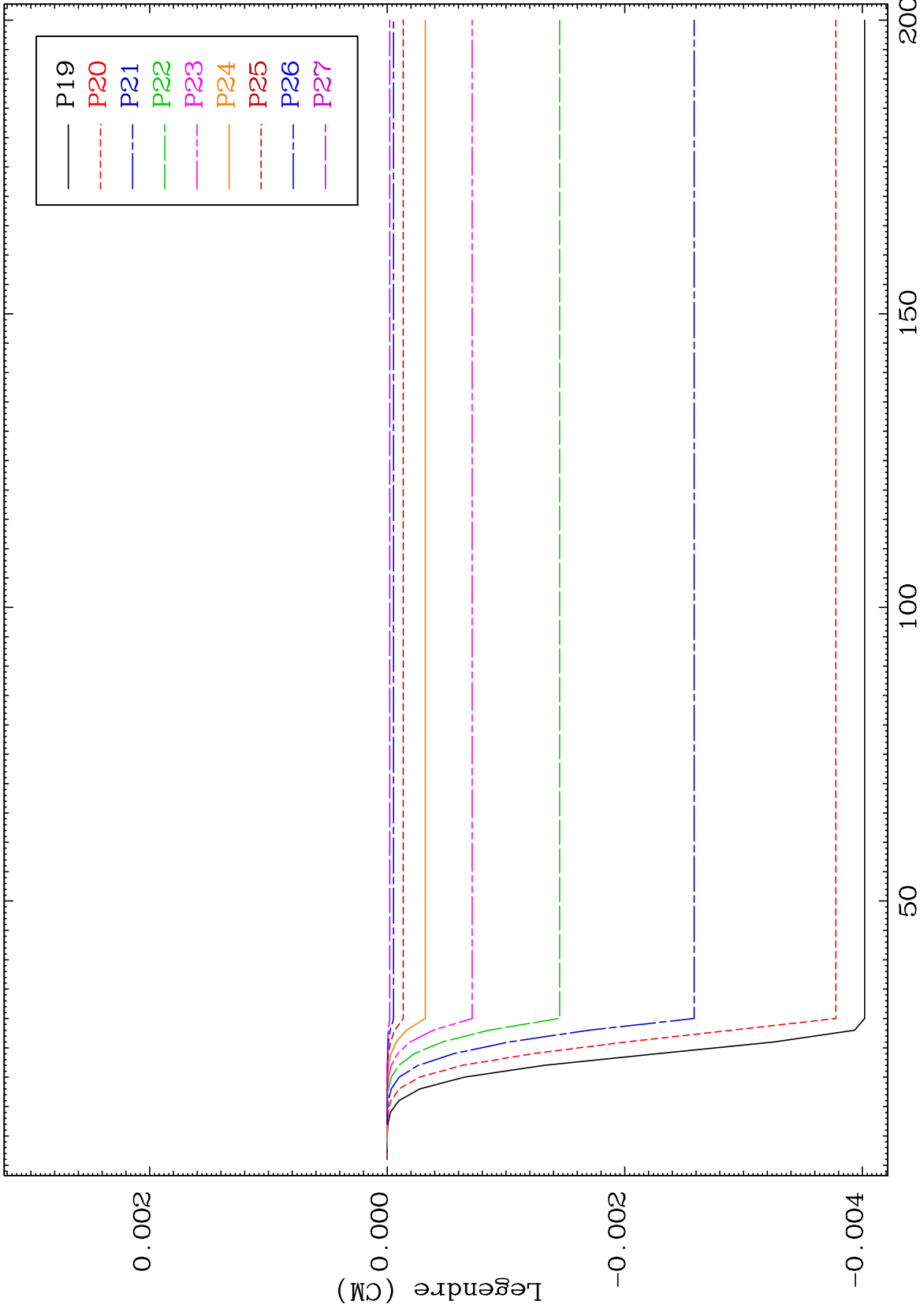
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

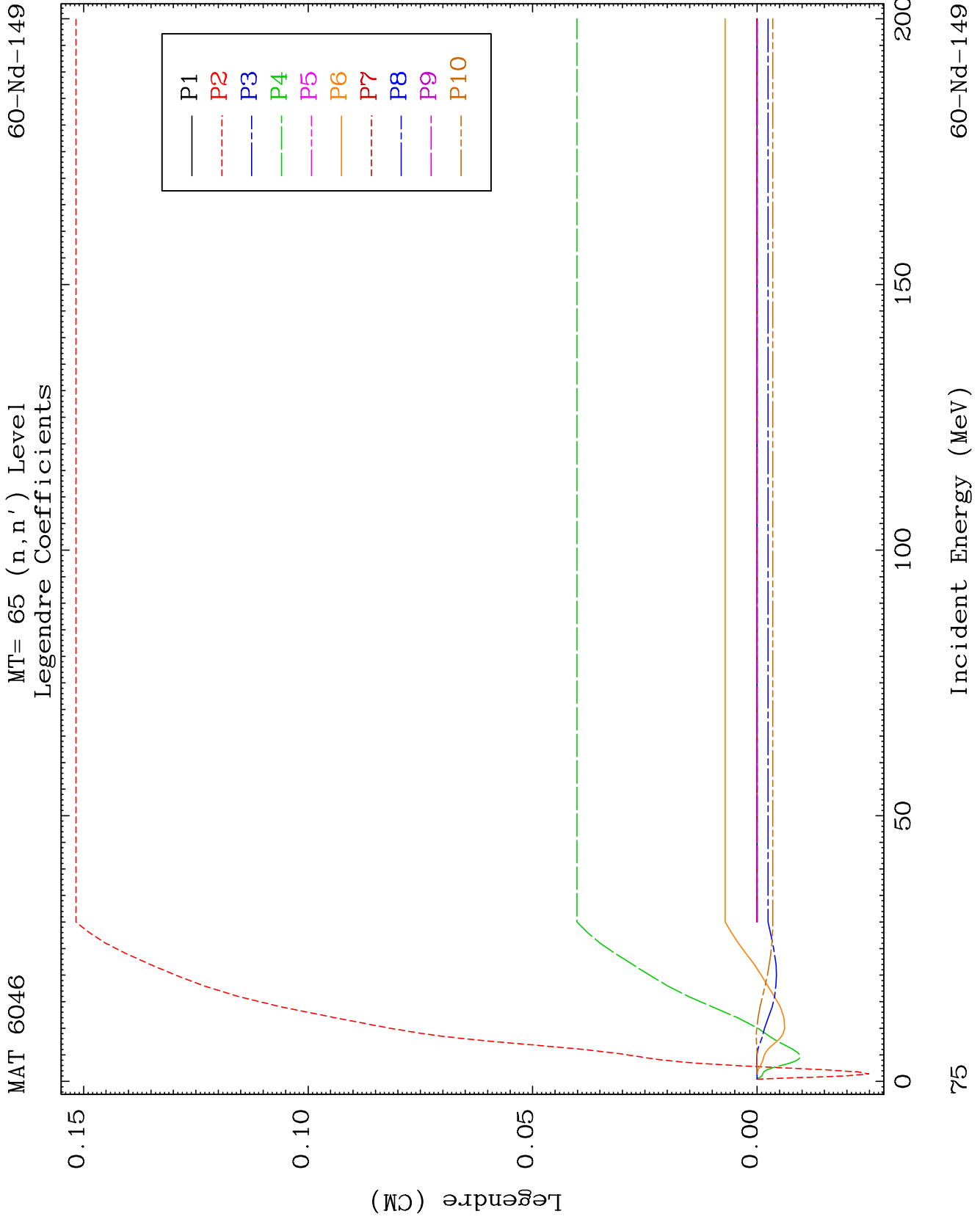
60-Nd-149



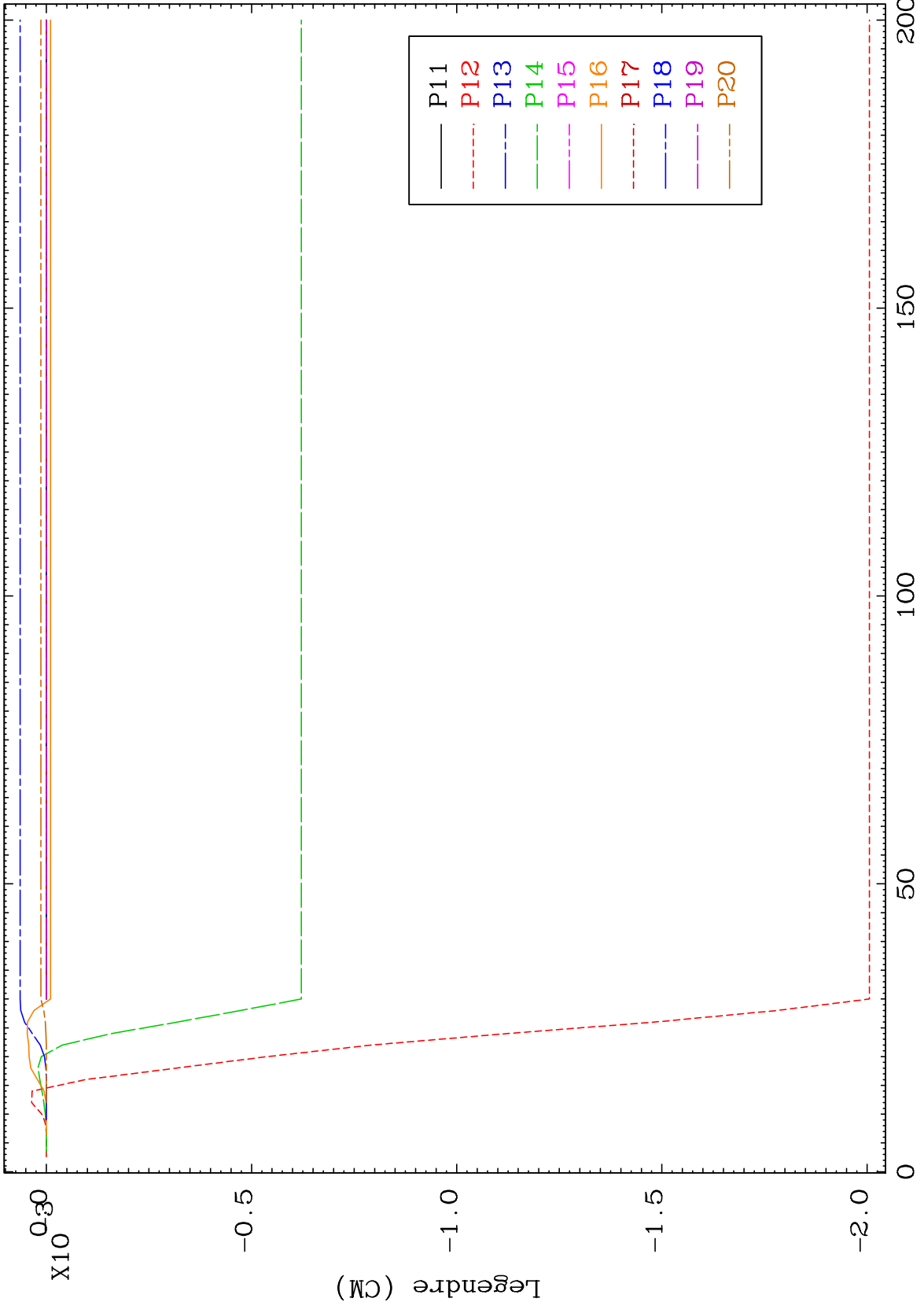
73

Incident Energy (MeV)

60-Nd-149

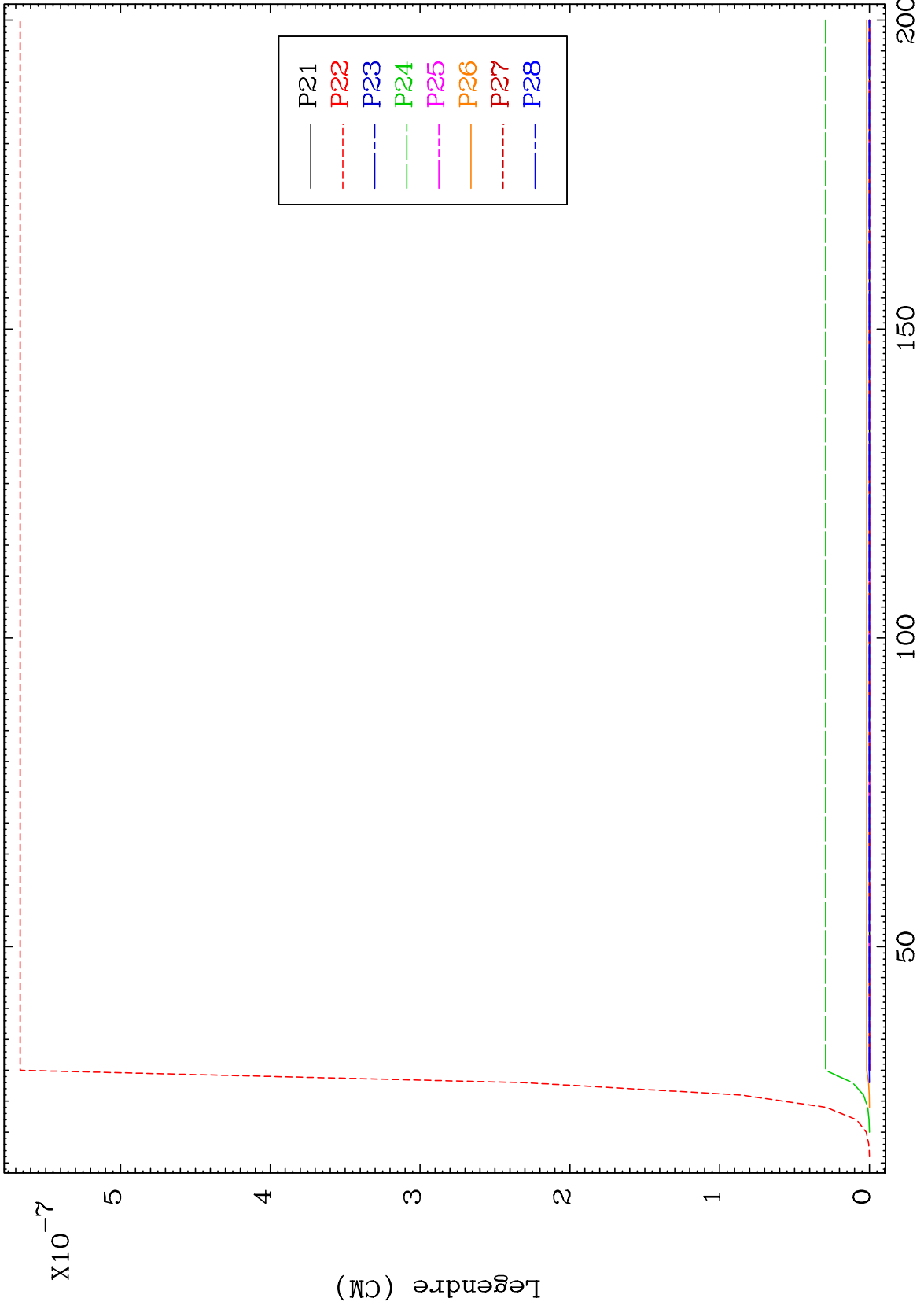


MAT 6046 MT= 65 (n,n') Level Legendre Coefficients 60-Nd-149



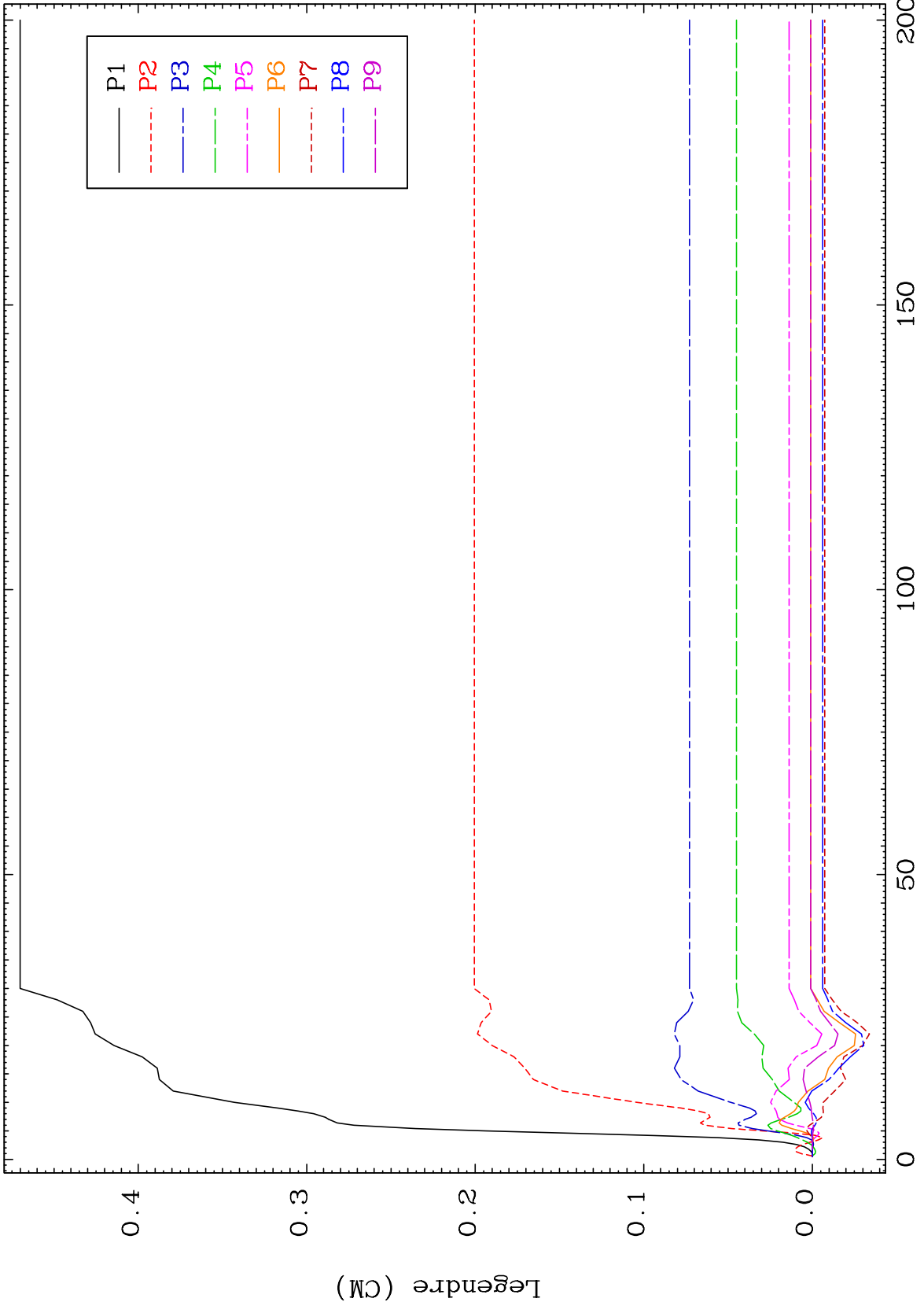
76 Incident Energy (MeV) 60-Nd-149

MAT 6046 MT= 65 (n,n') Level Legendre Coefficients 60-Nd-149



77 60-Nd-149

MAT 6046 MT= 66 (n,n') Level Legendre Coefficients 60-Nd-149

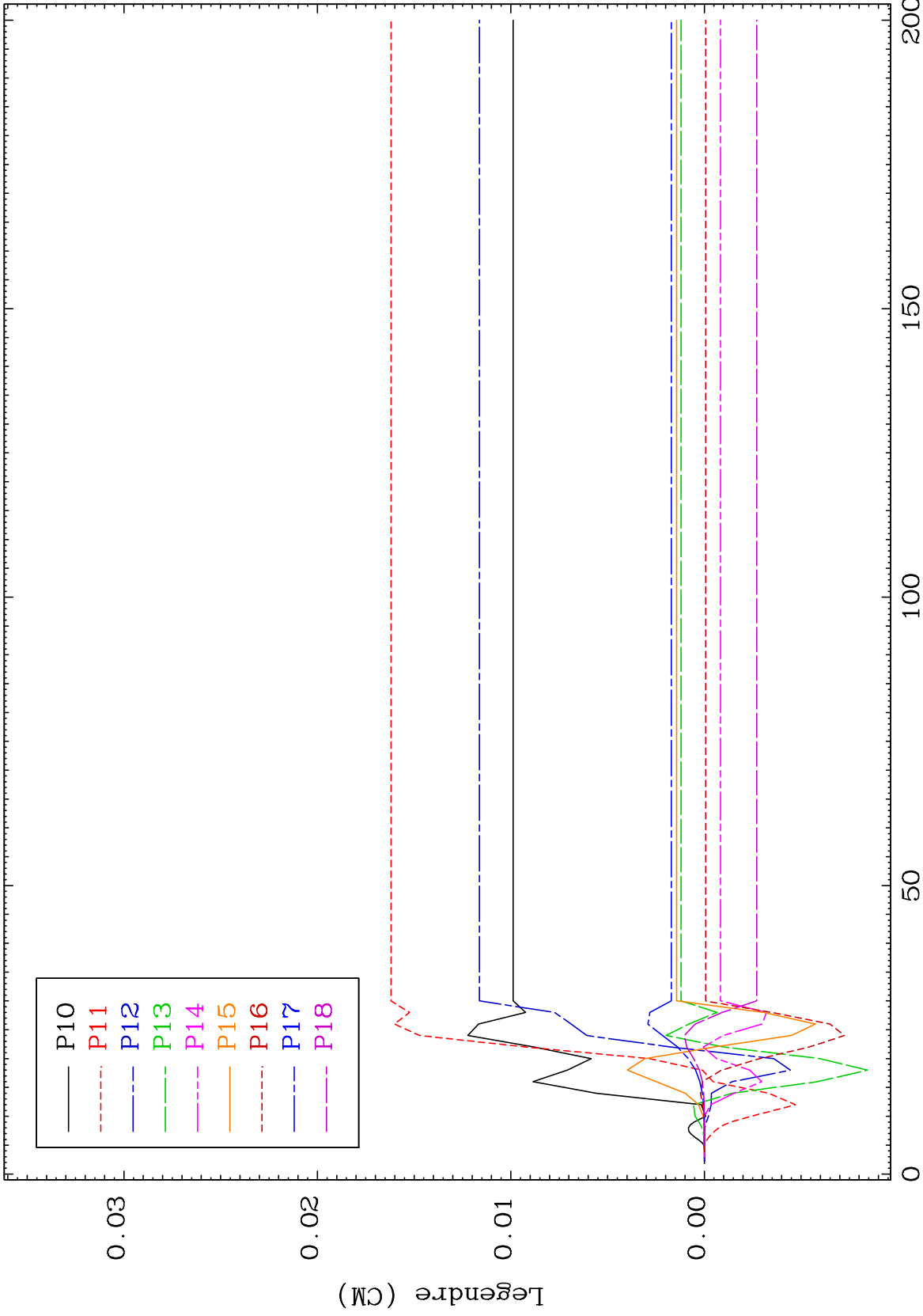


78 60-Nd-149

MAT 6046

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

60-Nd-149



79

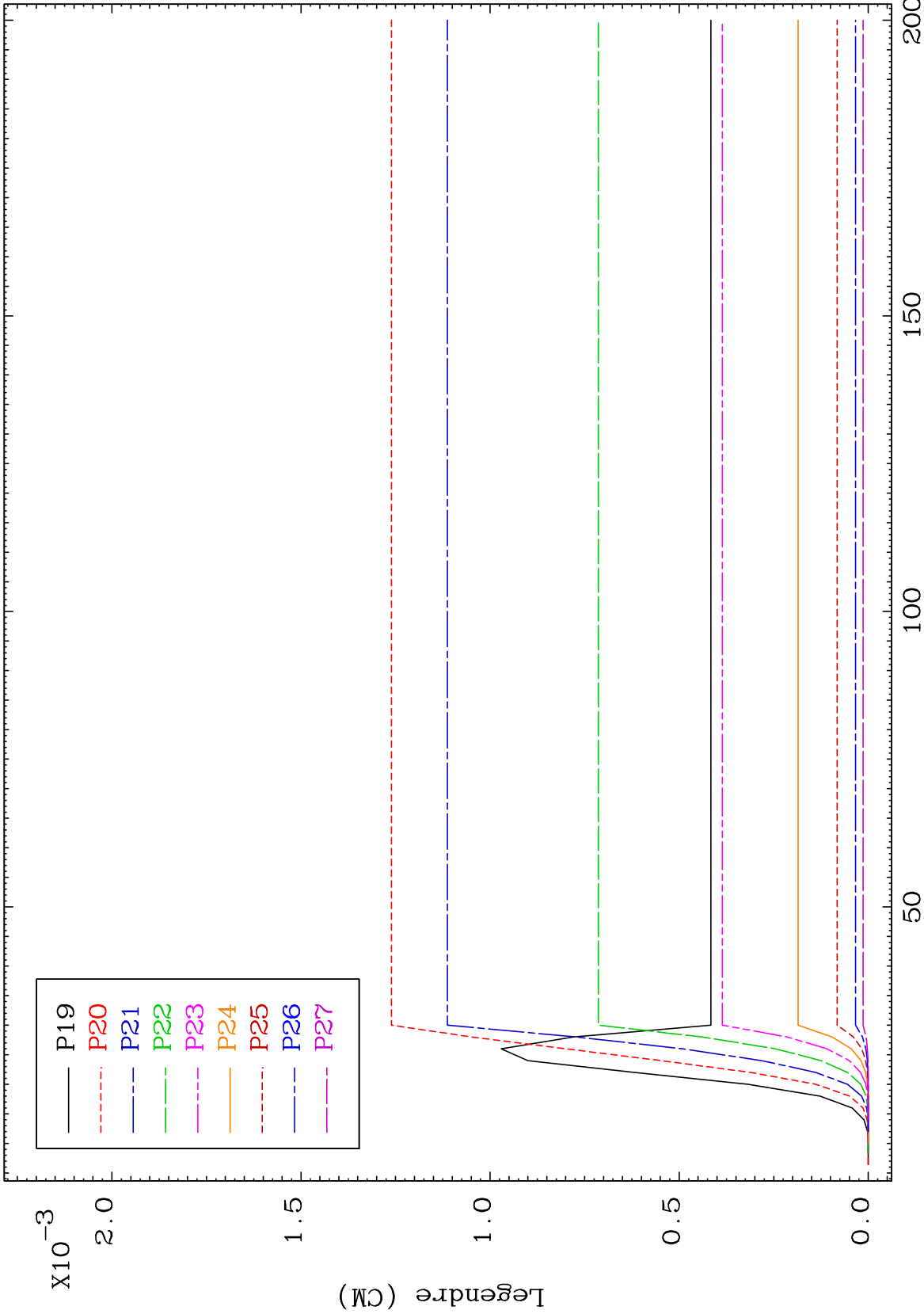
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



80

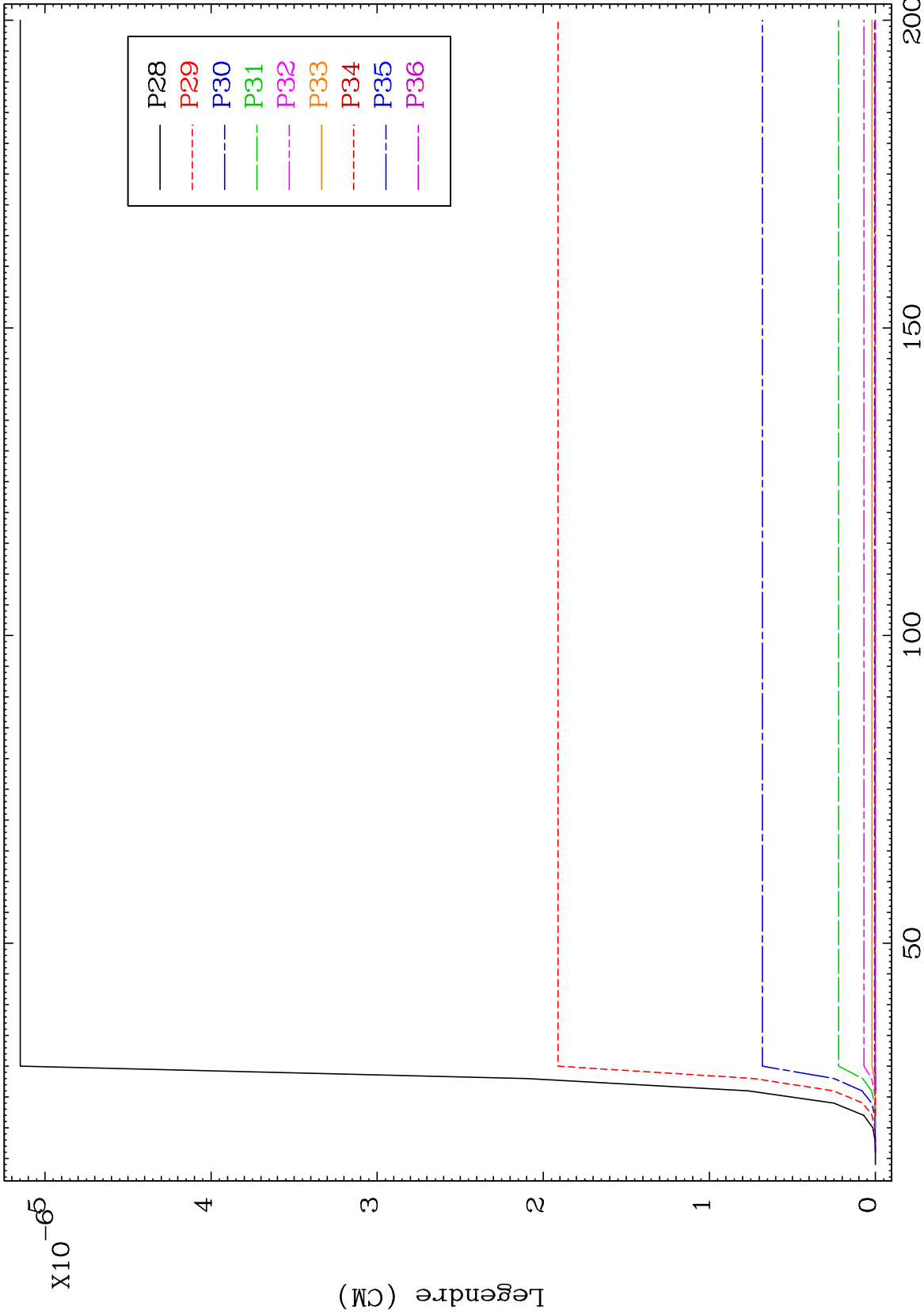
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

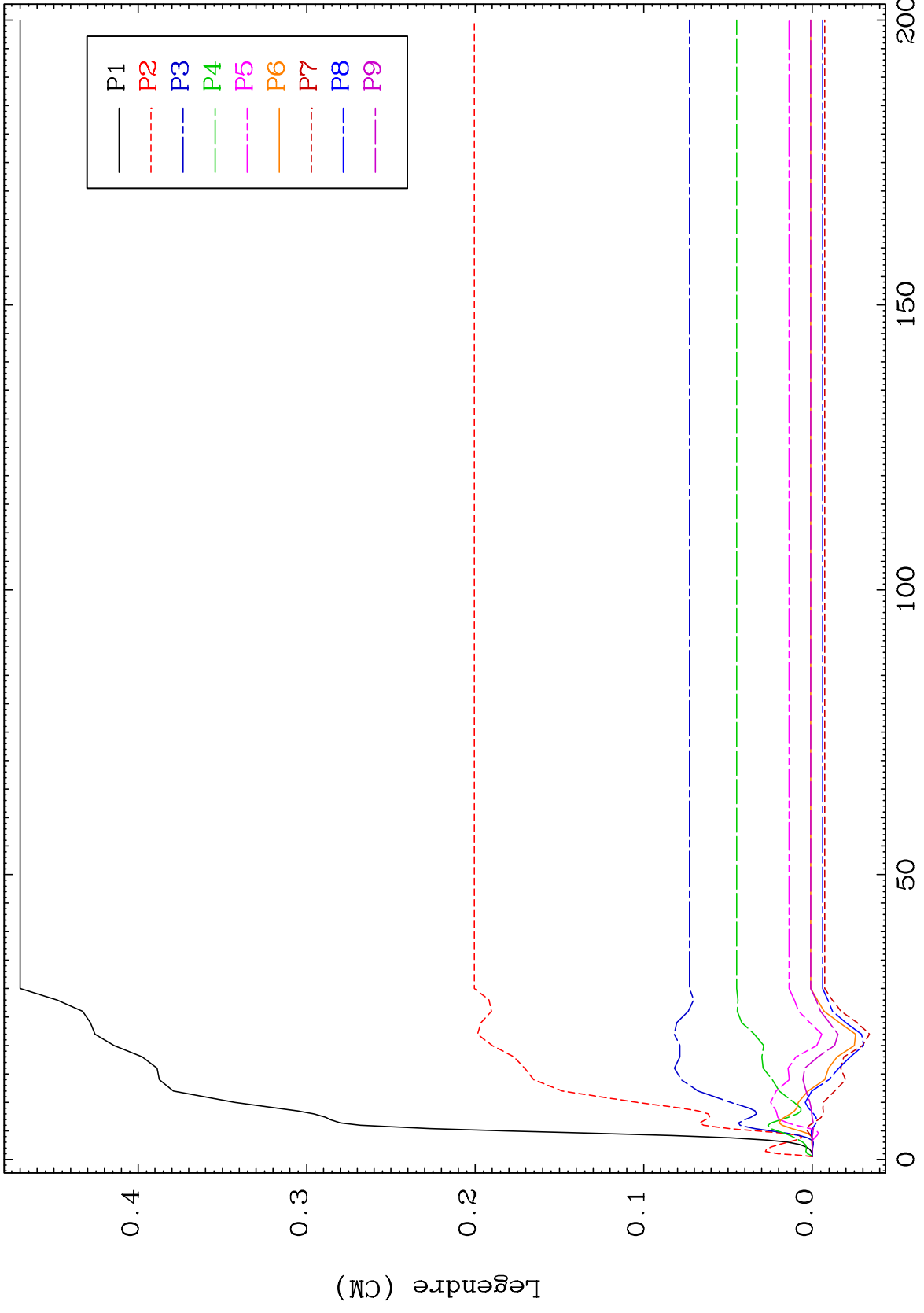
60-Nd-149



81

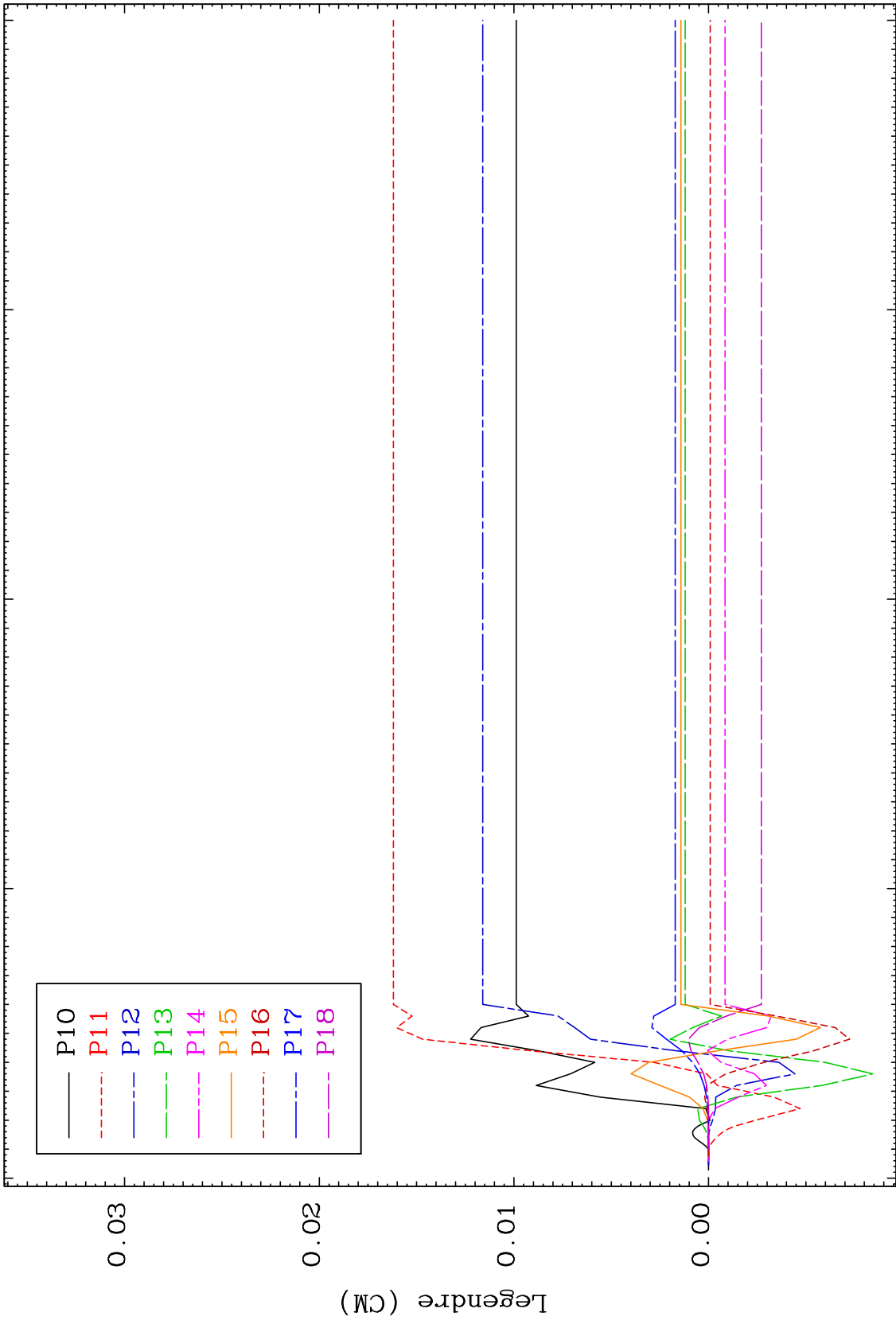
60-Nd-149

MAT 6046 MT= 67 (n,n') Level Legendre Coefficients 60-Nd-149



82 60-Nd-149

MAT 6046 MT= 67 (n,n') Level Legendre Coefficients 60-Nd-149

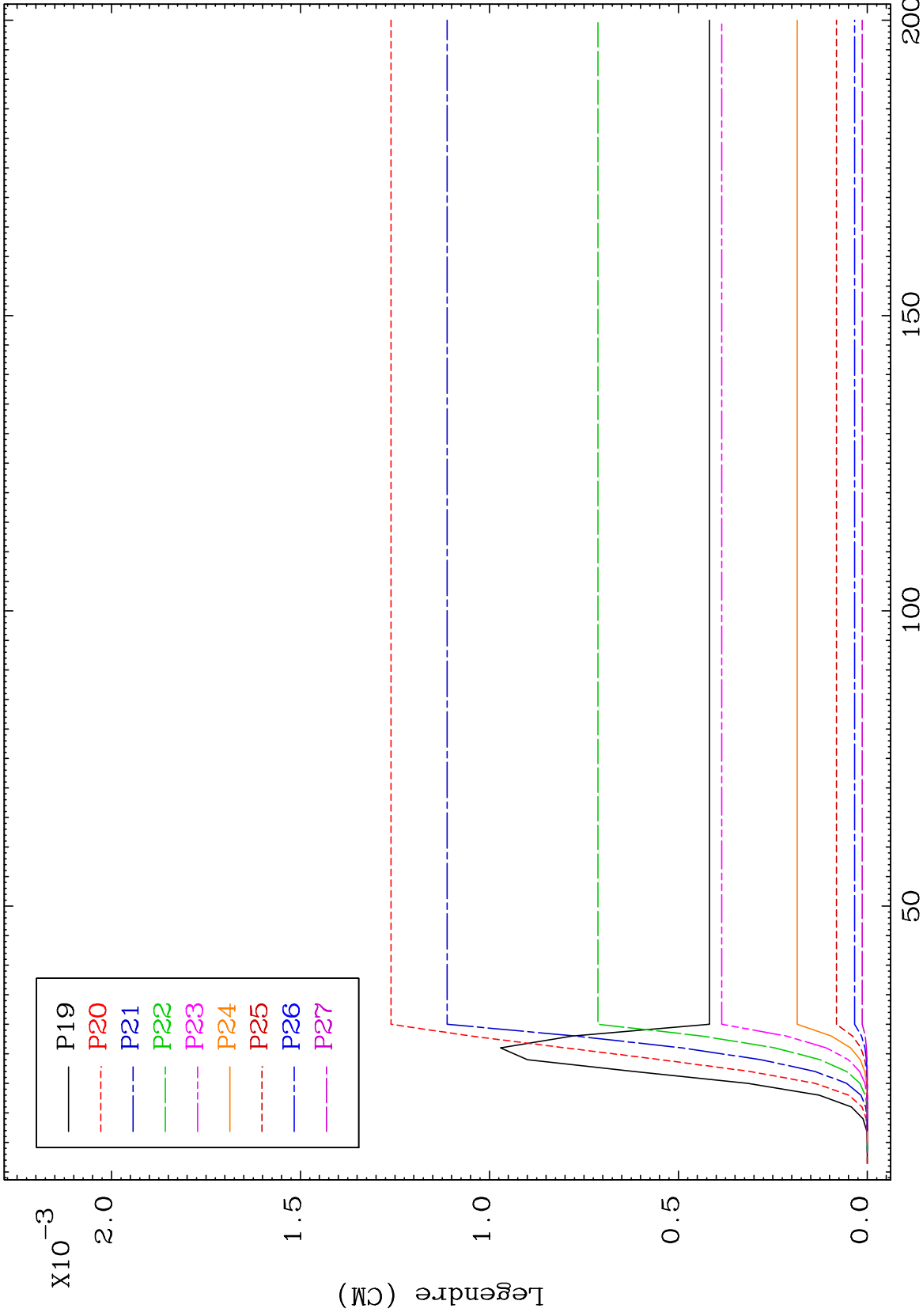


83 60-Nd-149

MAT 6046

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

60-Nd-149



84

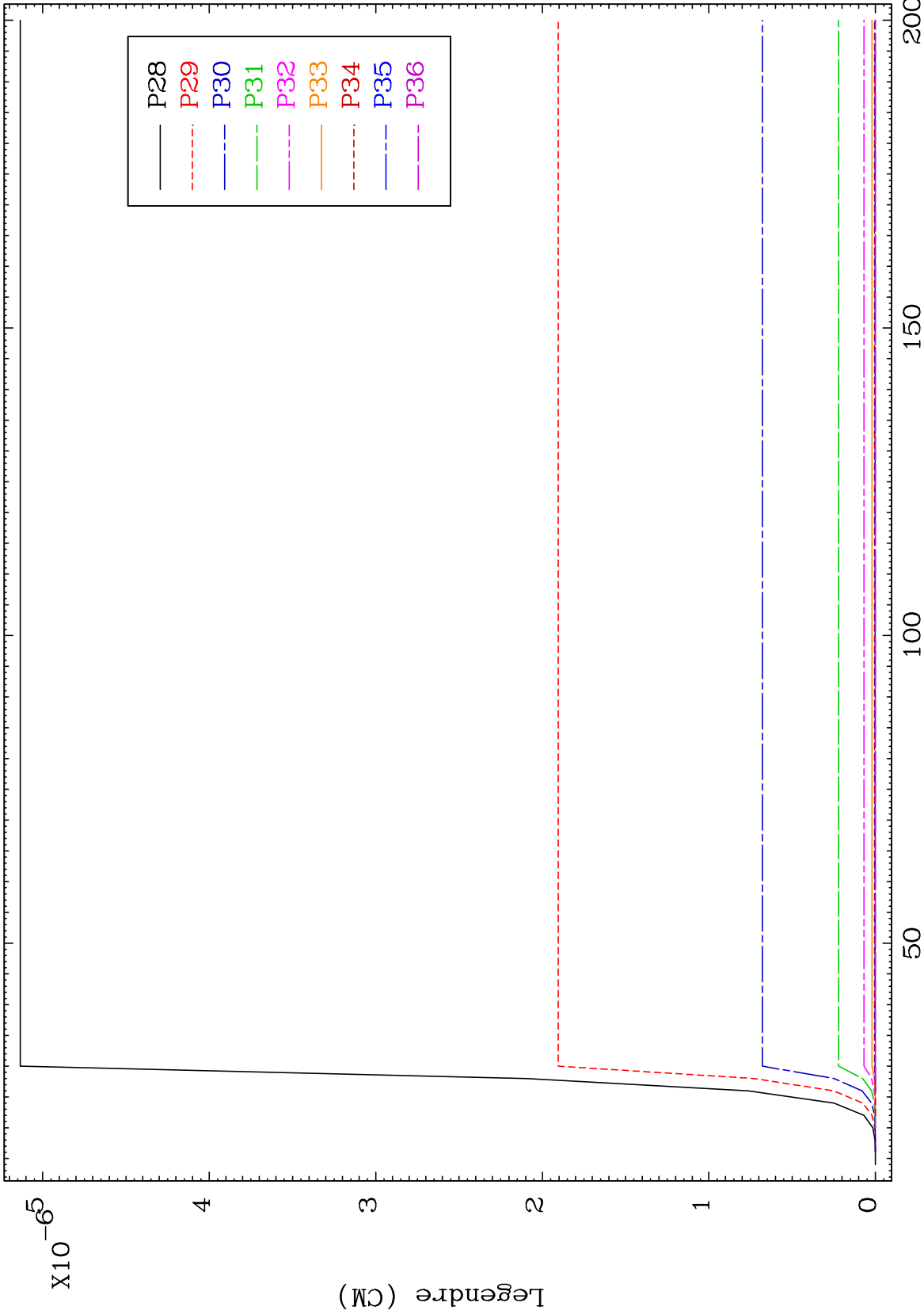
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149

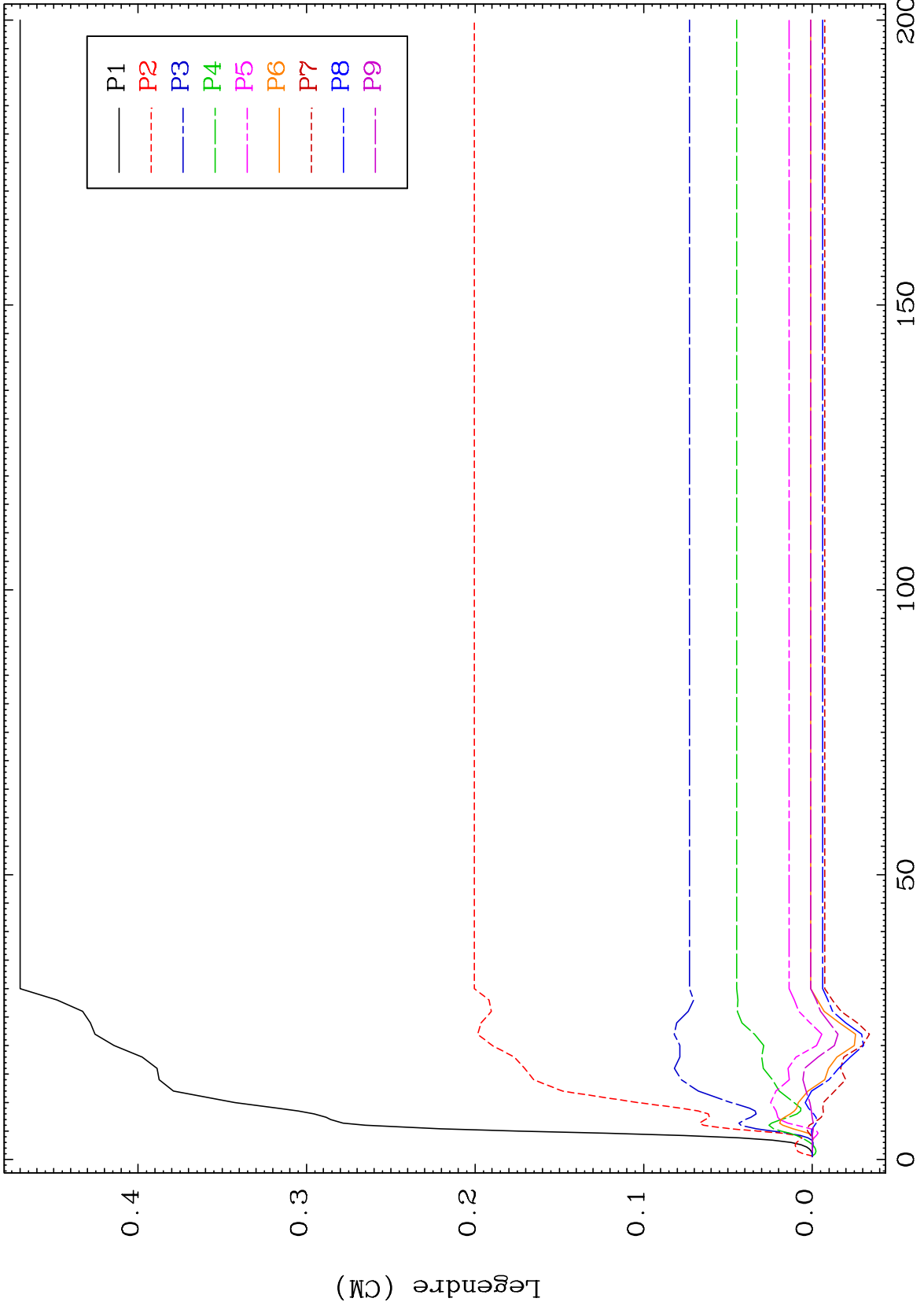


85

Incident Energy (MeV)

60-Nd-149

MAT 6046 MT= 68 (n,n') Level Legendre Coefficients 60-Nd-149

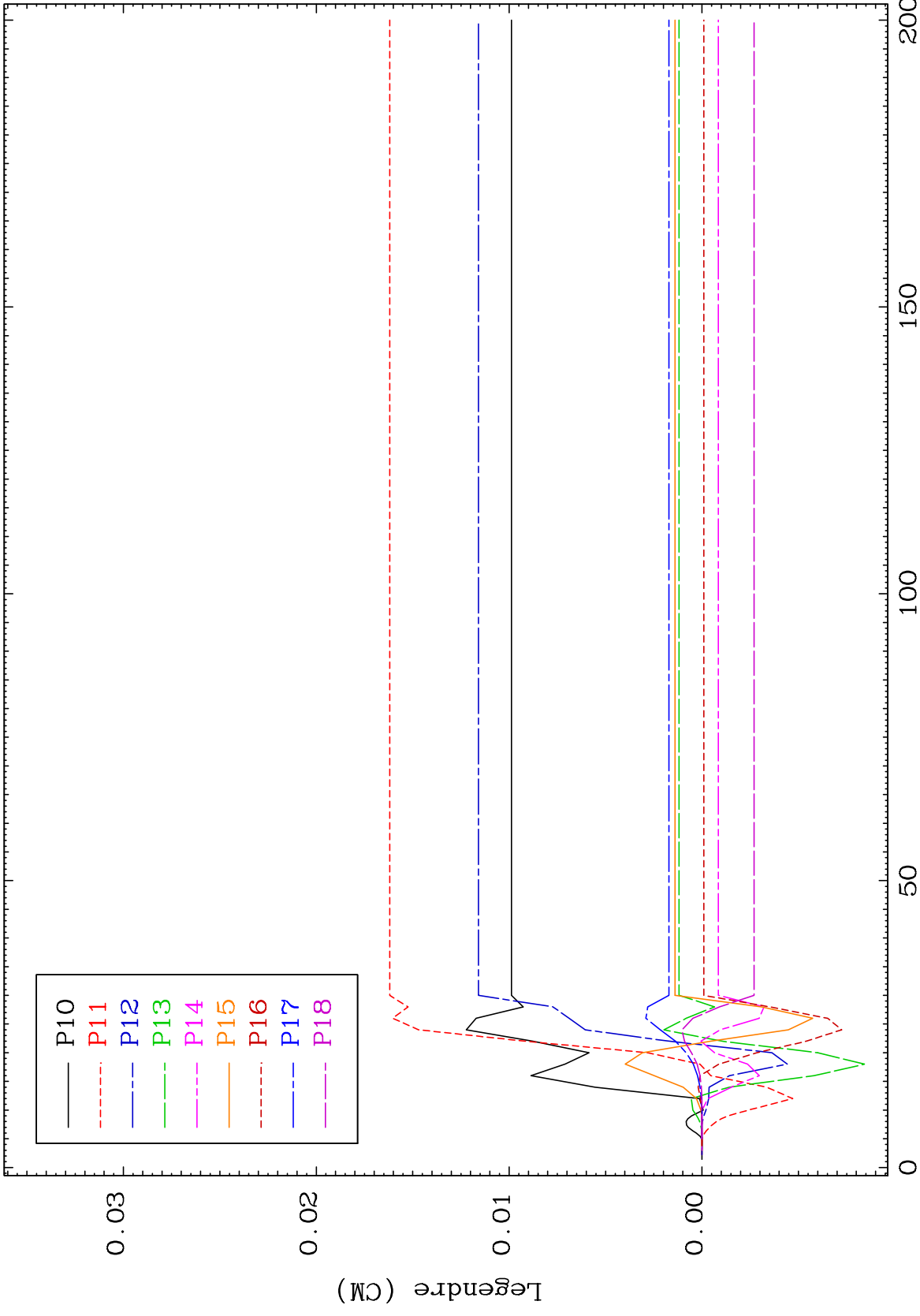


86 60-Nd-149

MAT 6046 MT= 68 (n,n') Level Legendre Coefficients

60-Nd-149

87



60-Nd-149

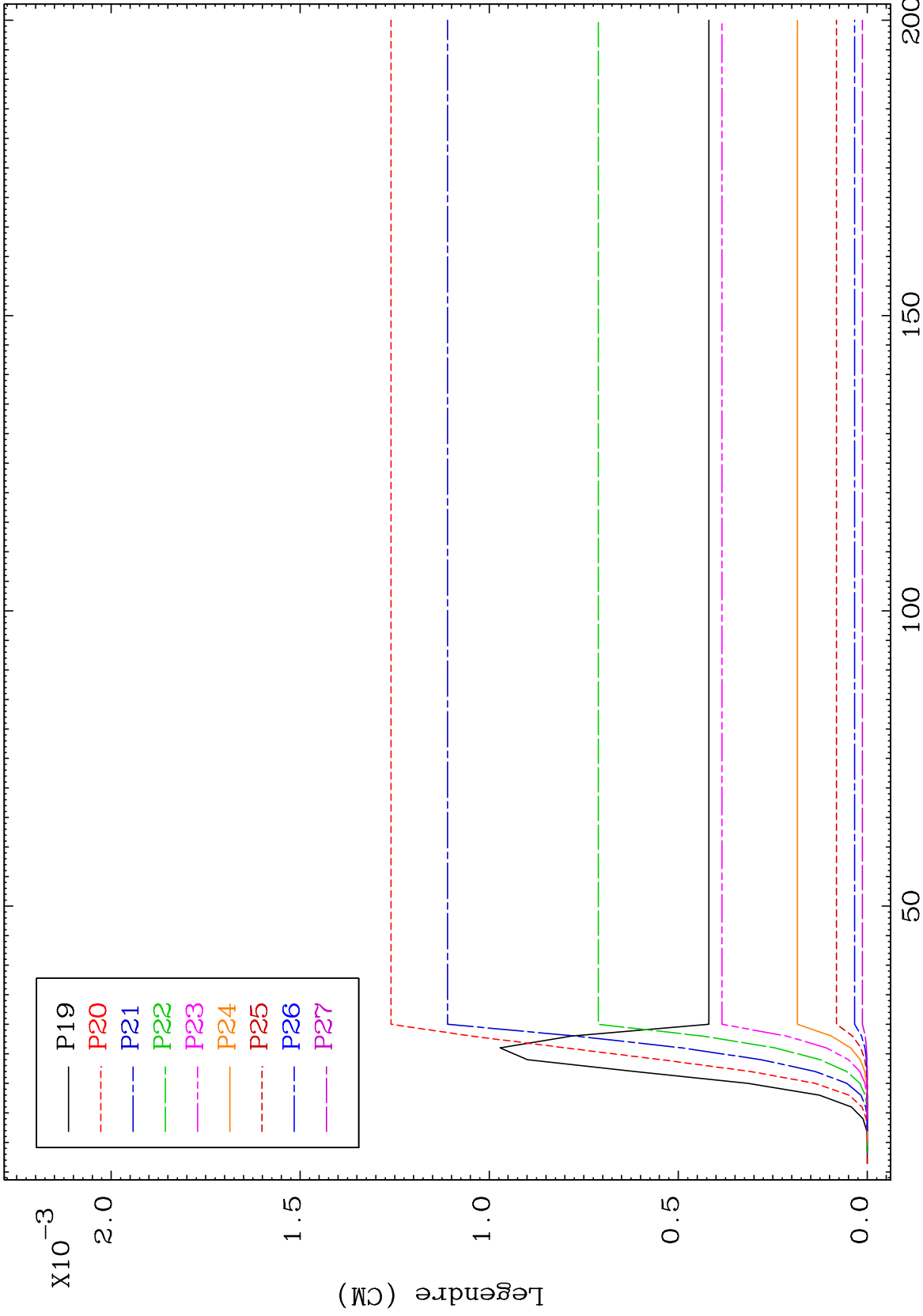
Incident Energy (MeV)

87

MAT 6046

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

60-Nd-149



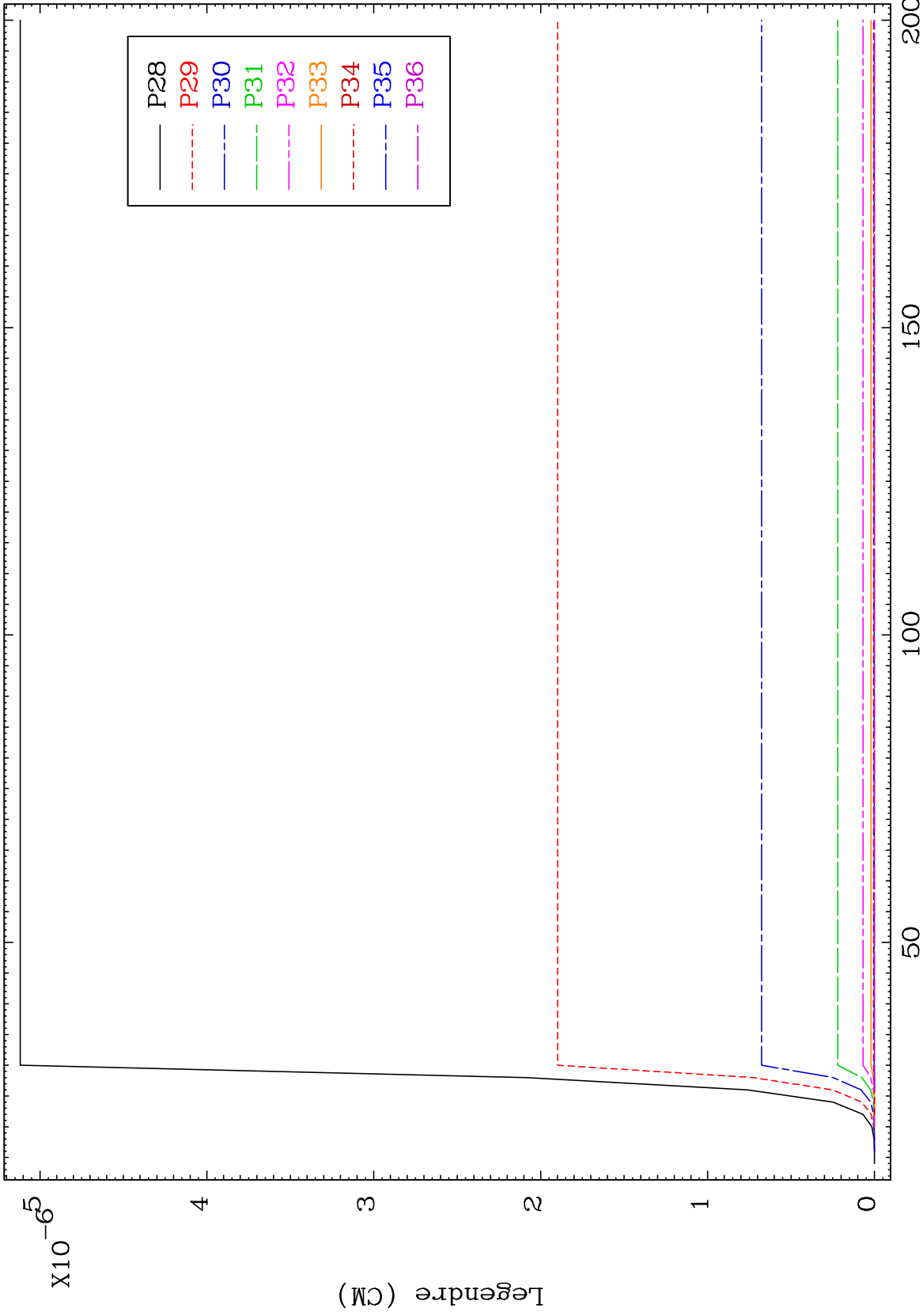
88

60-Nd-149

MAT 6046

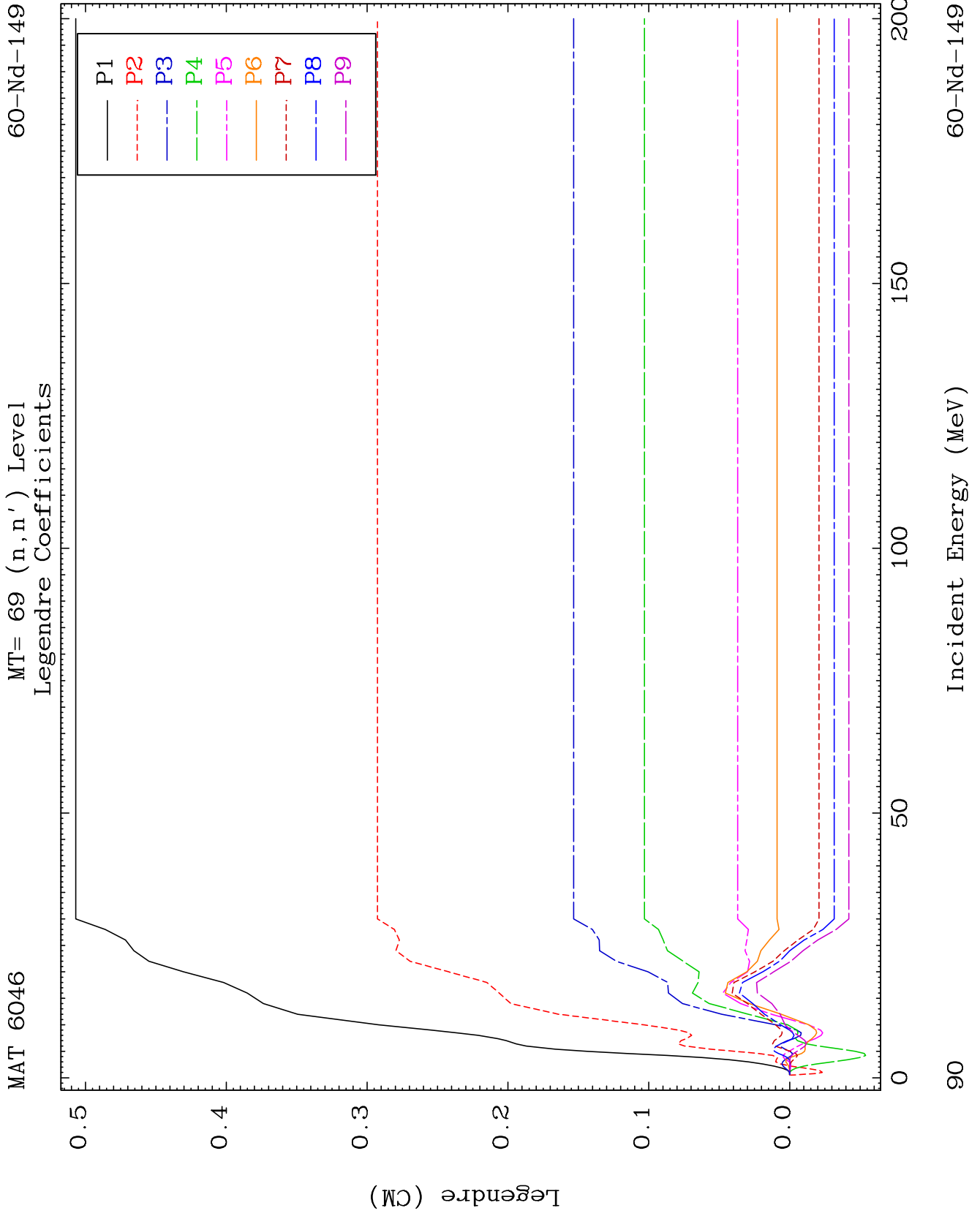
MT= 68 (n,n') Level
Legendre Coefficients

60-Nd-149

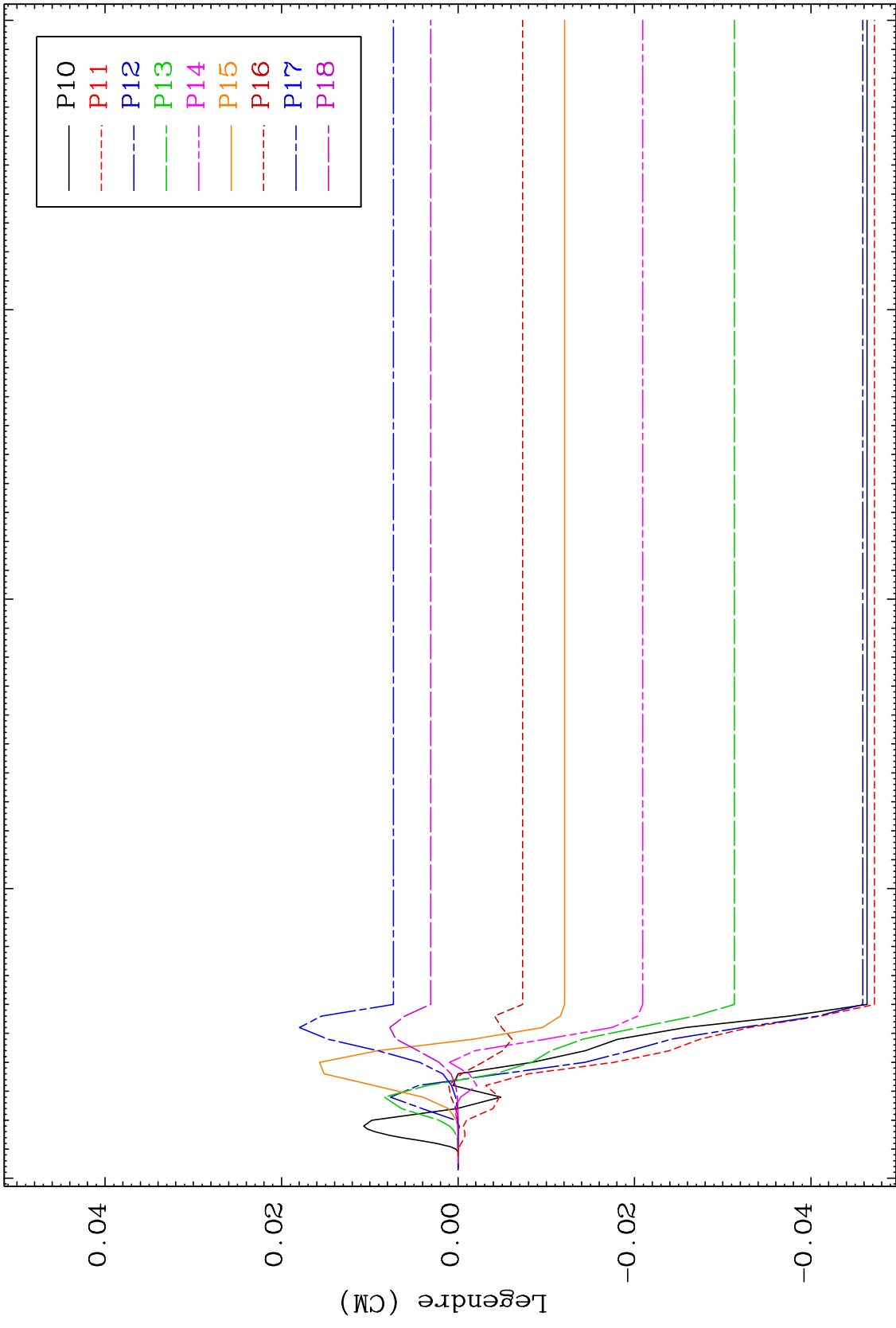


89

60-Nd-149



MAT 6046 MT= 69 (n,n') Level Legendre Coefficients 60-Nd-149

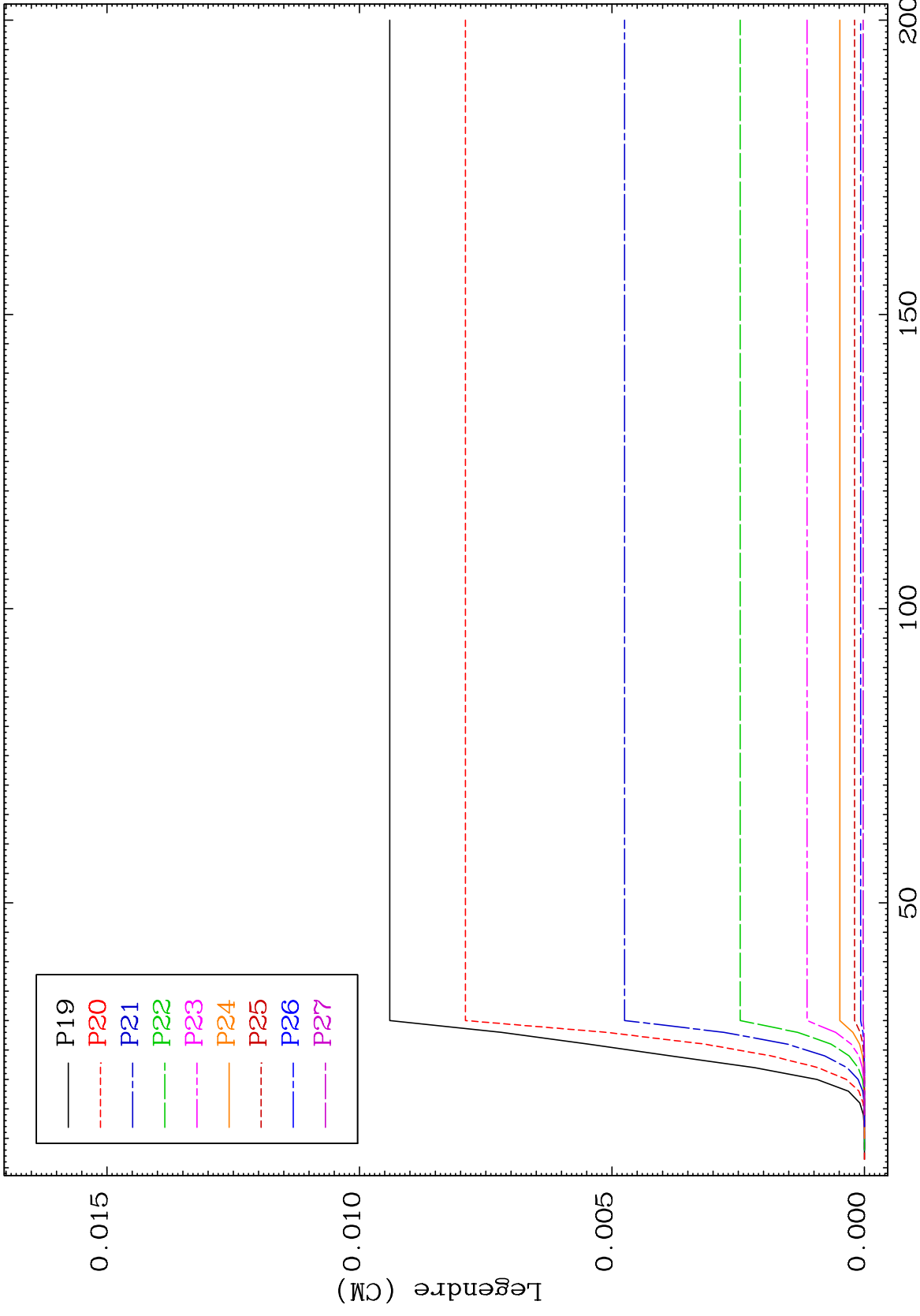


91 60-Nd-149

MAT 6046

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

60-Nd-149



92

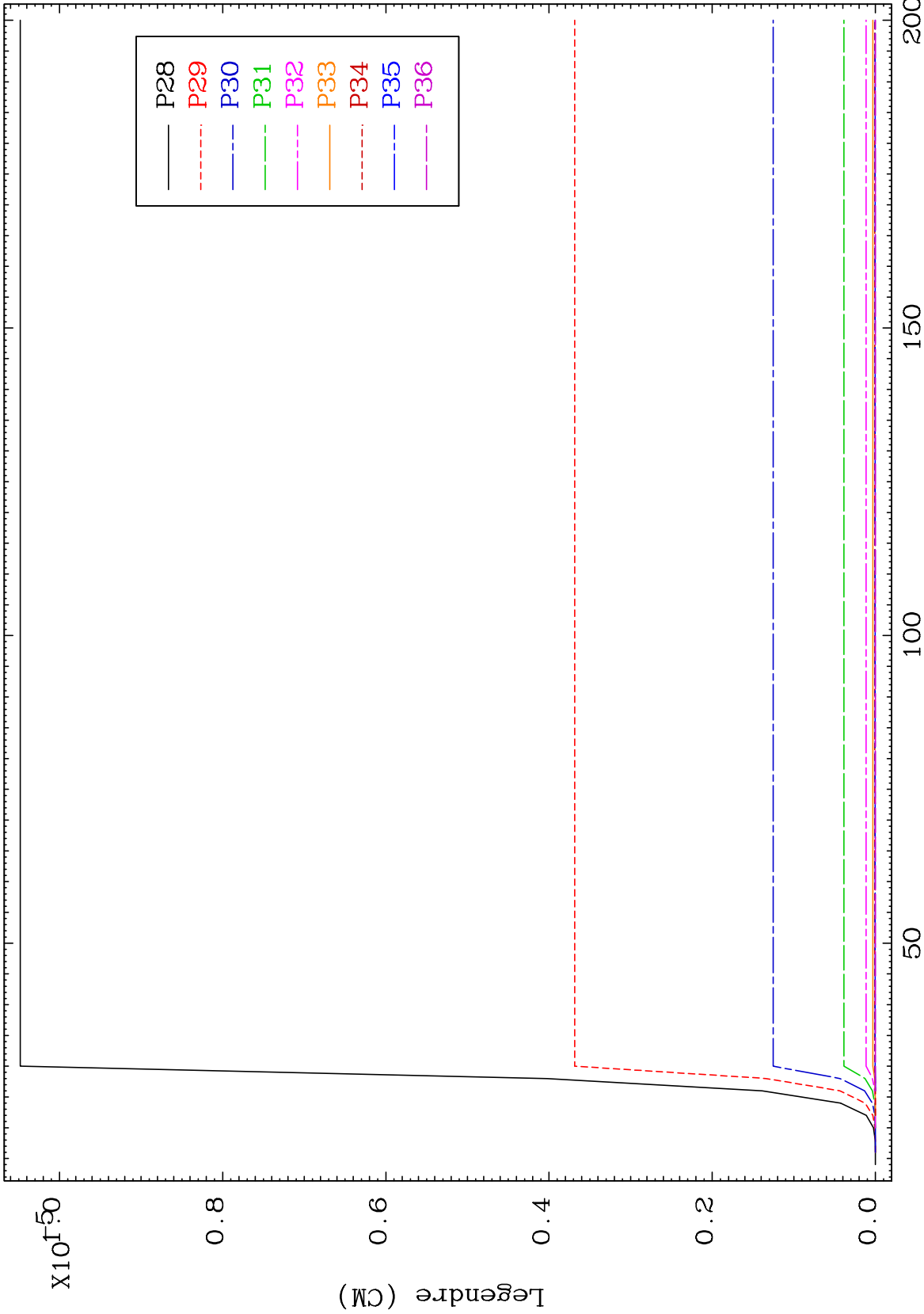
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149

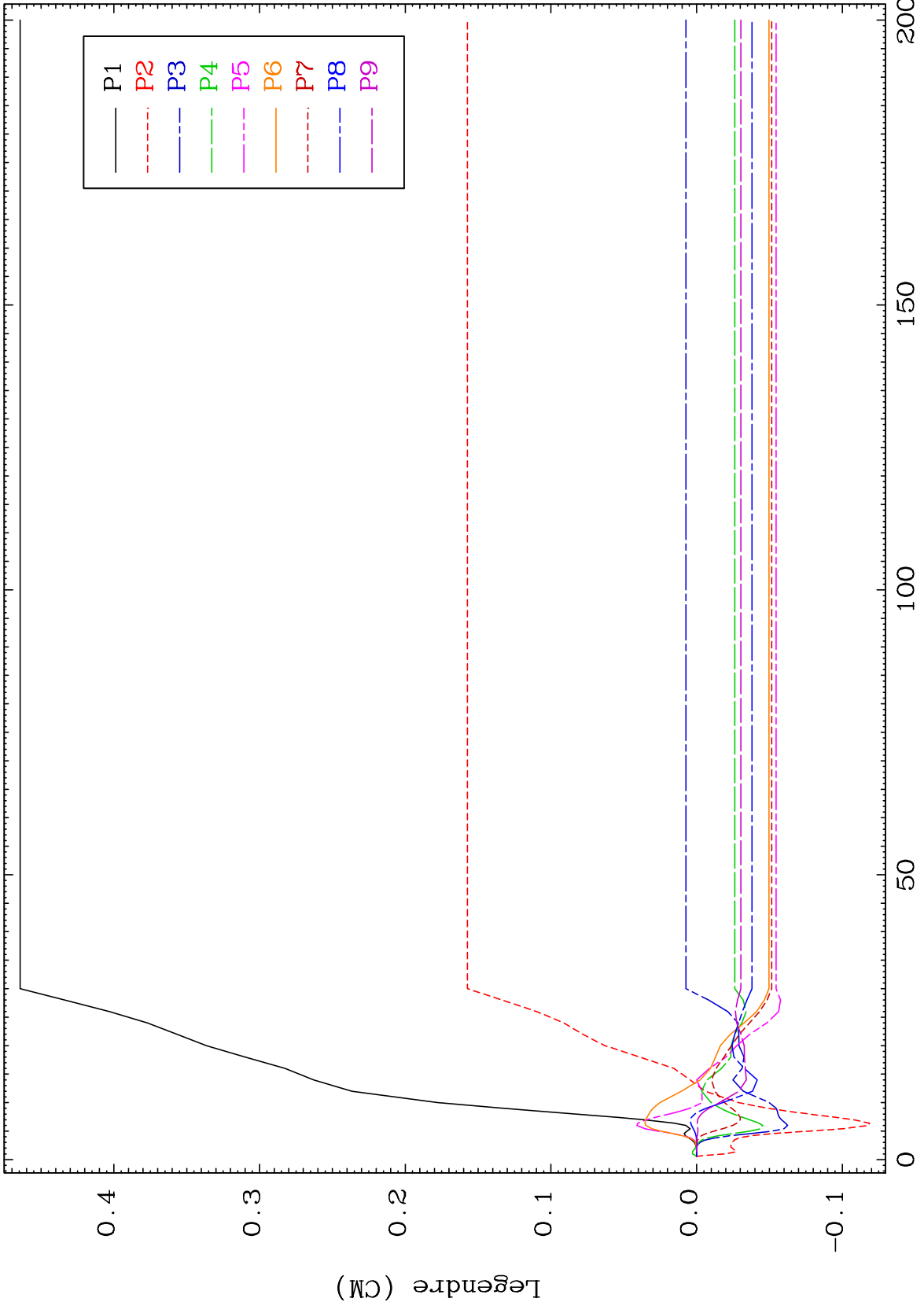


93

Incident Energy (MeV)

60-Nd-149

MAT 6046 MT= 70 (n,n') Level Legendre Coefficients 60-Nd-149

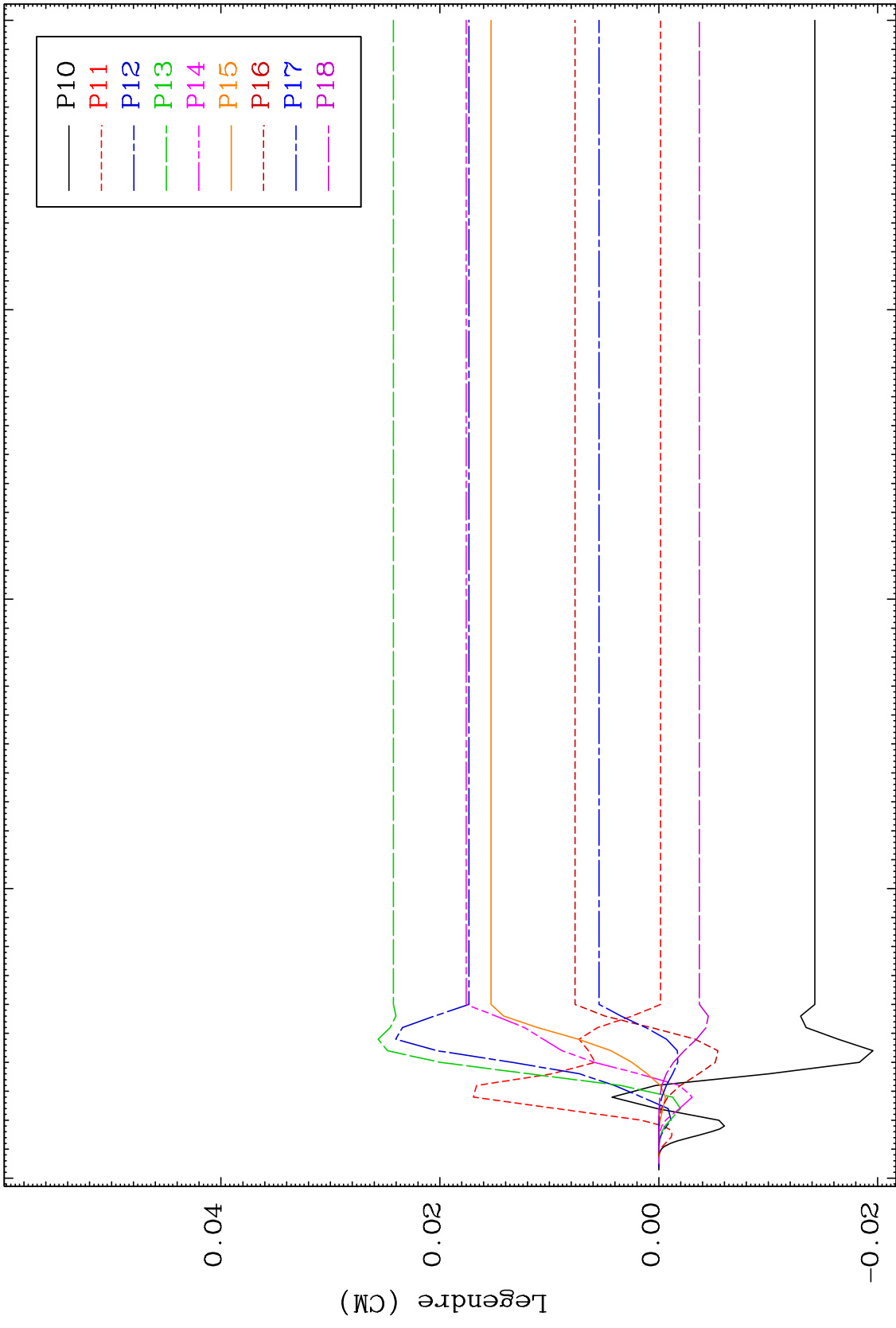


94 60-Nd-149

MAT 6046

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

60-Nd-149



95

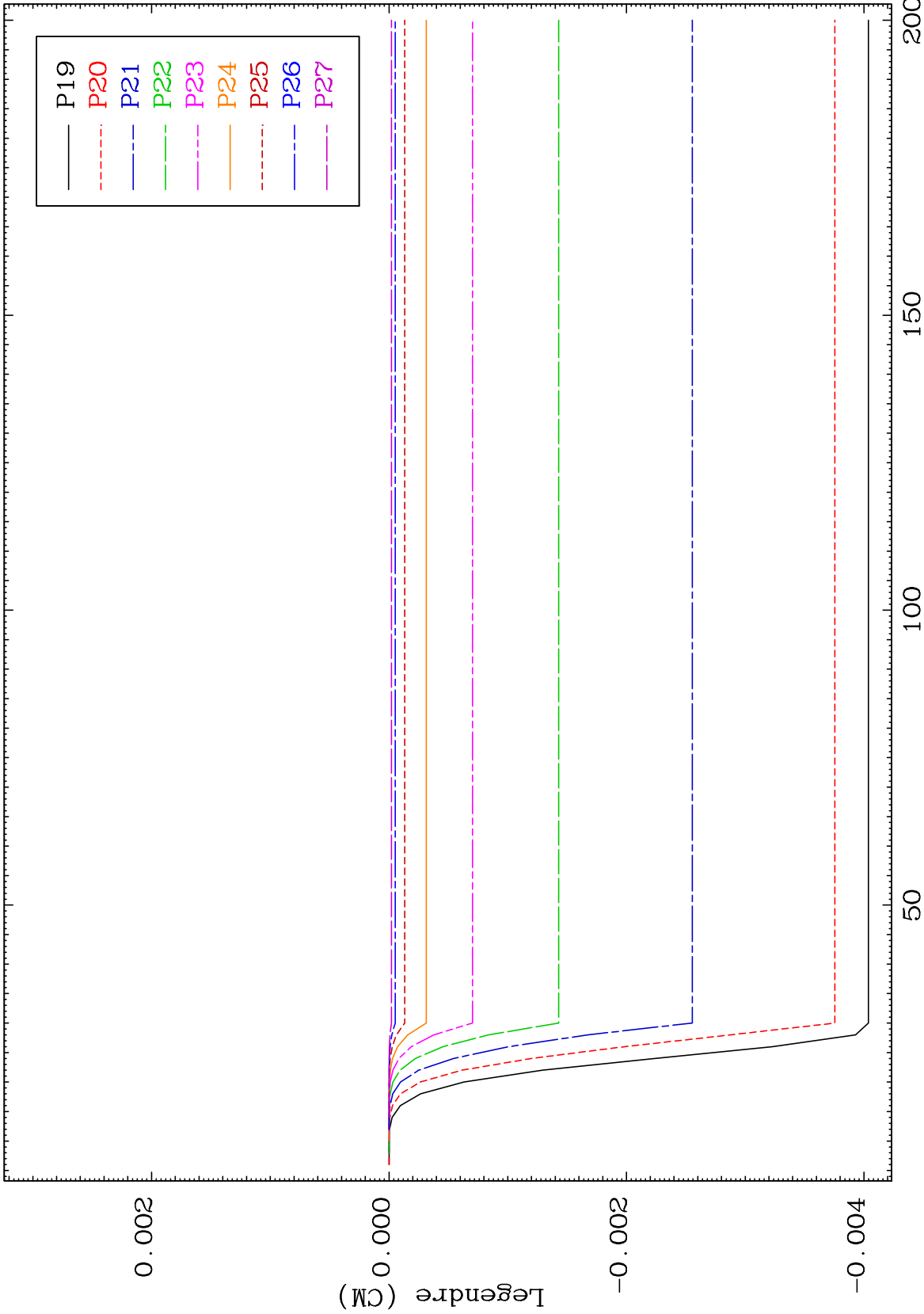
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



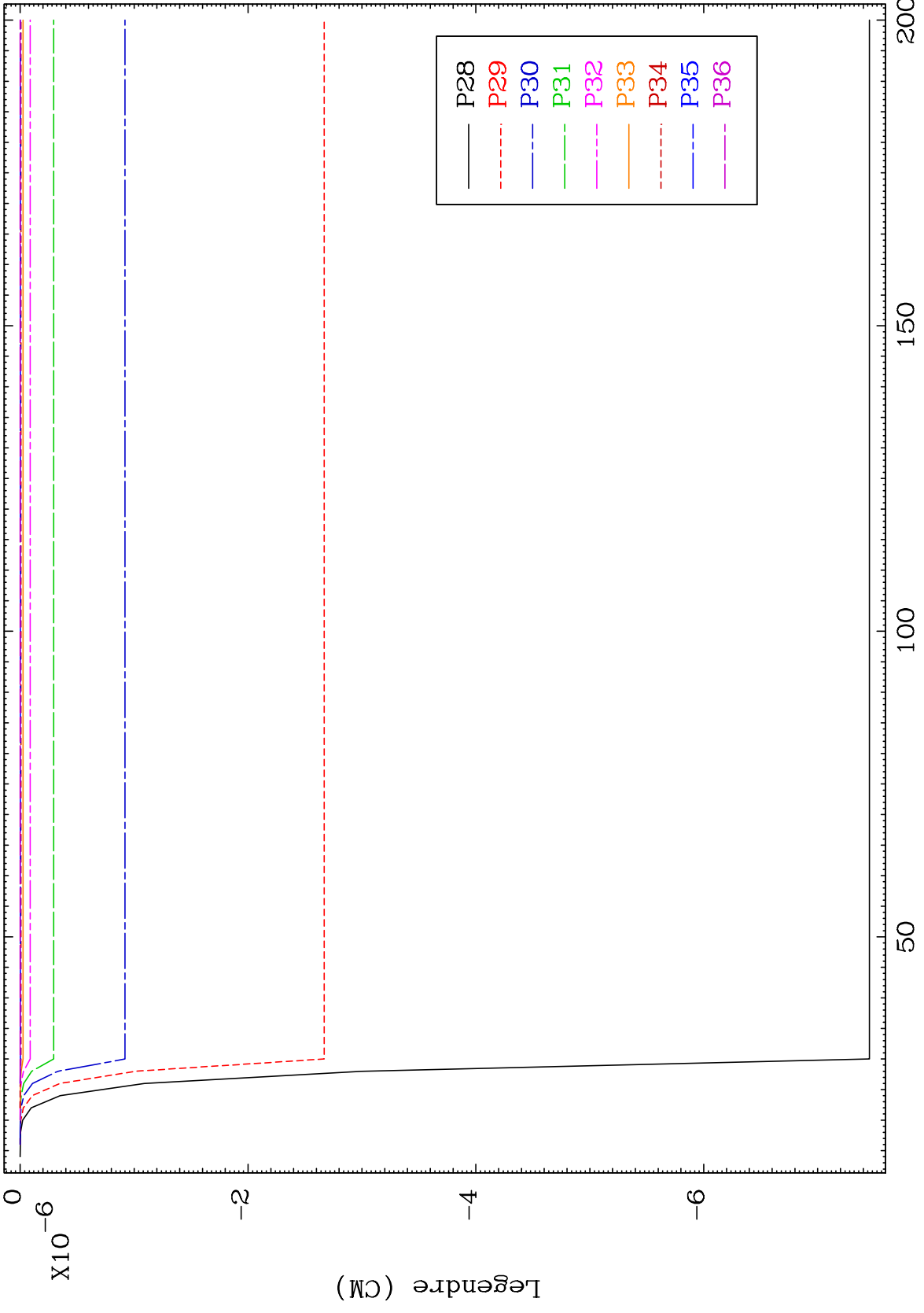
96

Incident Energy (MeV)

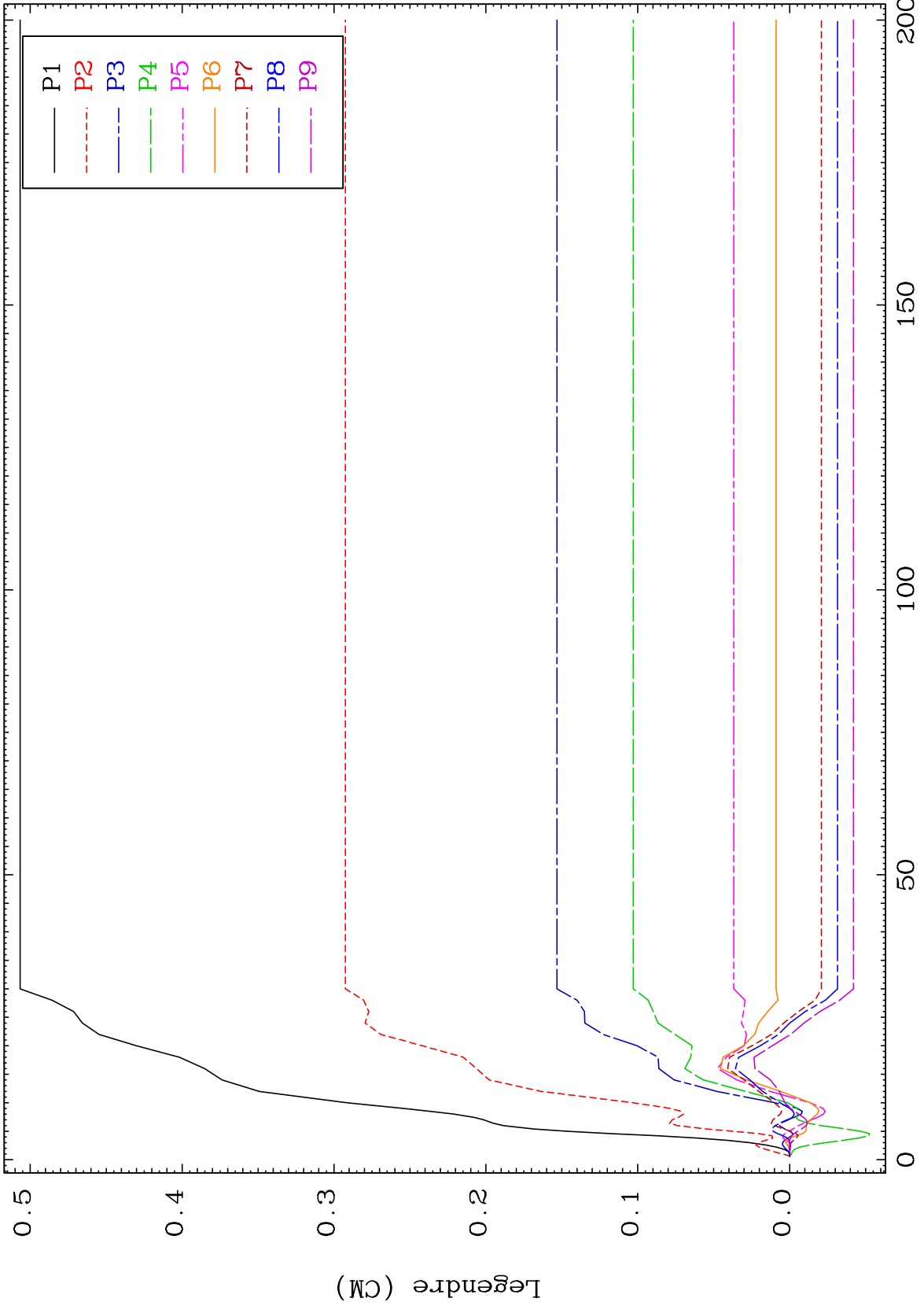
60-Nd-149

MAT 6046 MT= 70 (n,n') Level 60-Nd-149

Legendre Coefficients

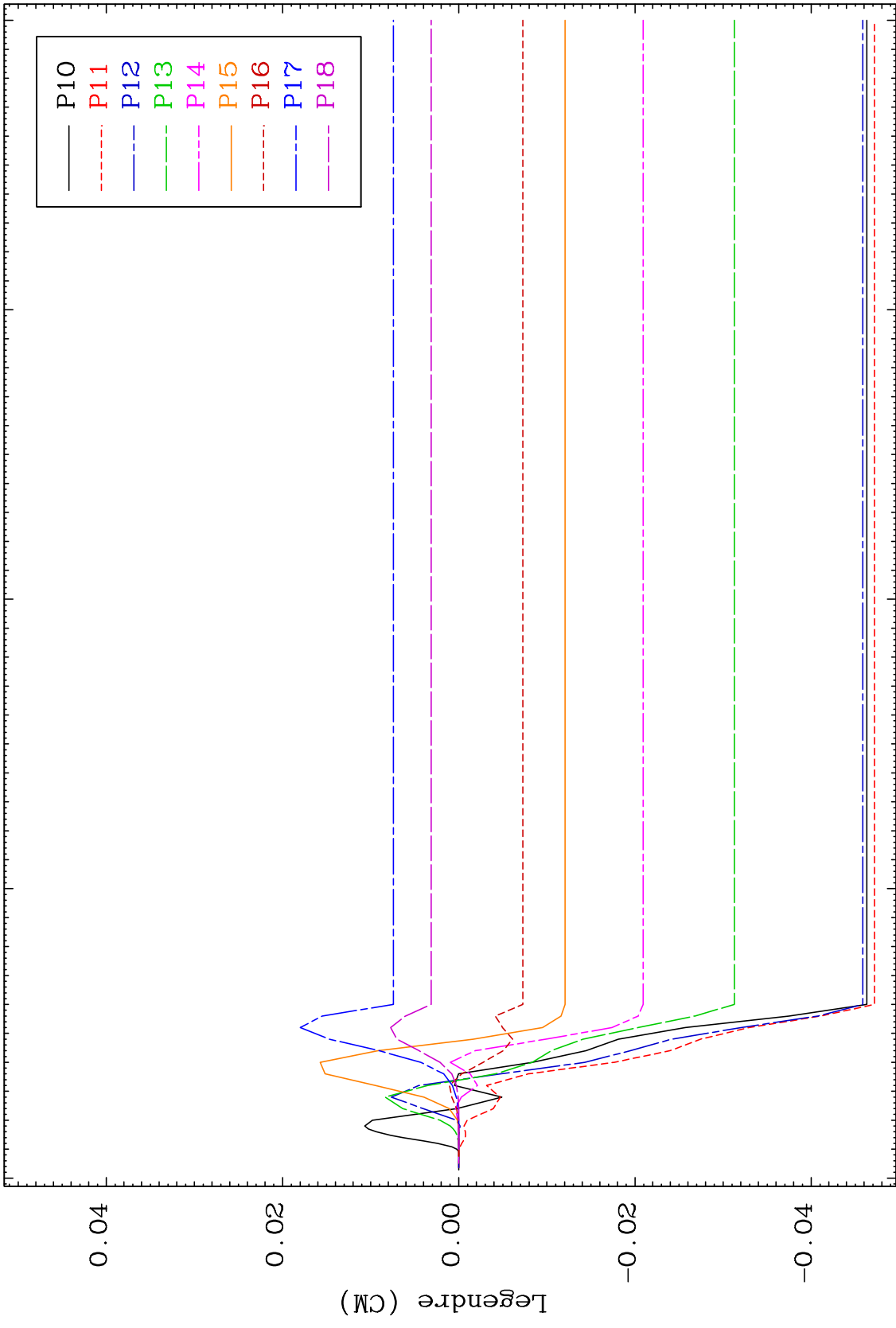


MAT 6046 MT= 71 (n,n') Level Legendre Coefficients 60-Nd-149



98 60-Nd-149

MAT 6046 MT= 71 (n,n') Level Legendre Coefficients 60-Nd-149

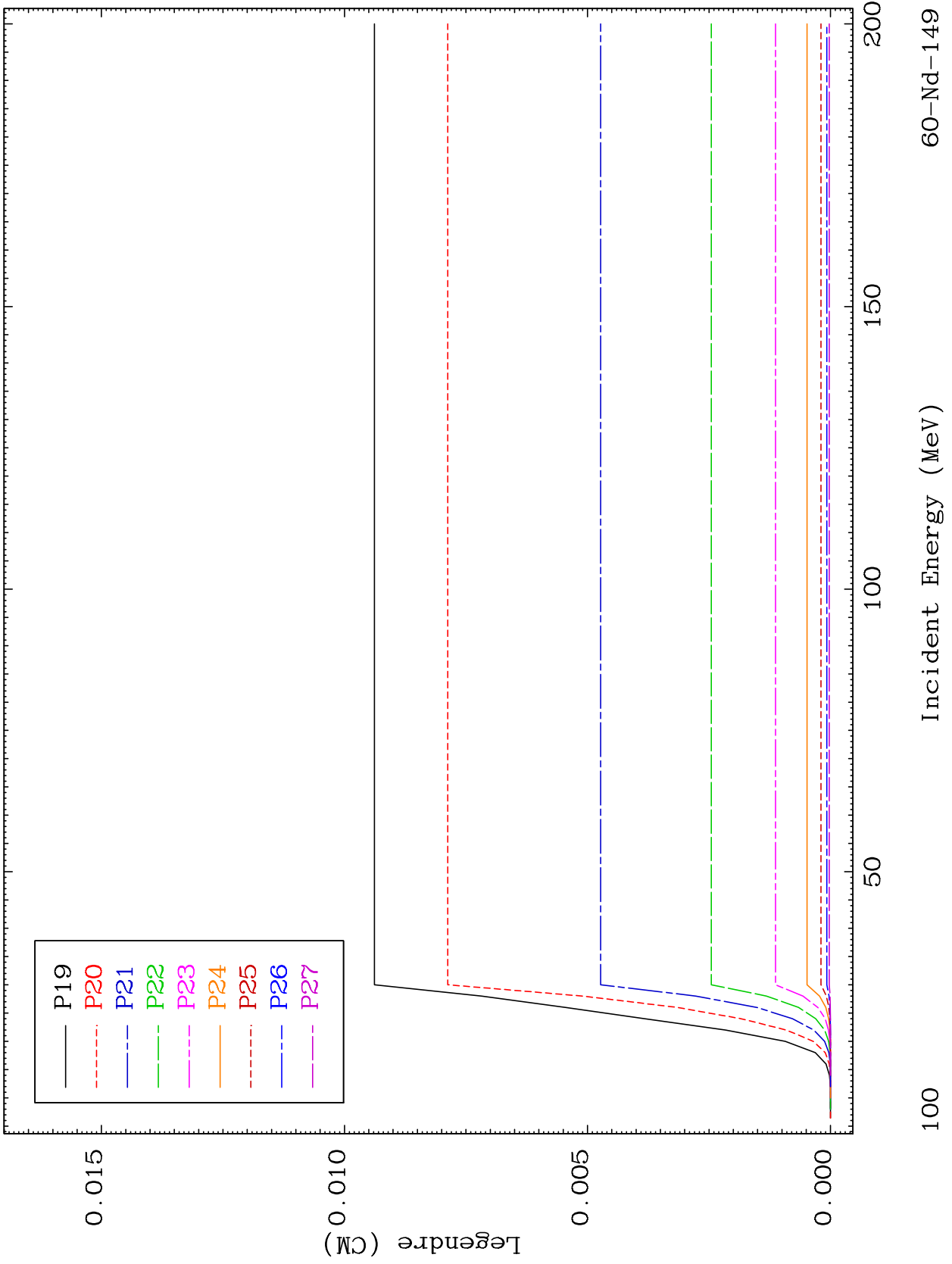


99 60-Nd-149

MAT 6046

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

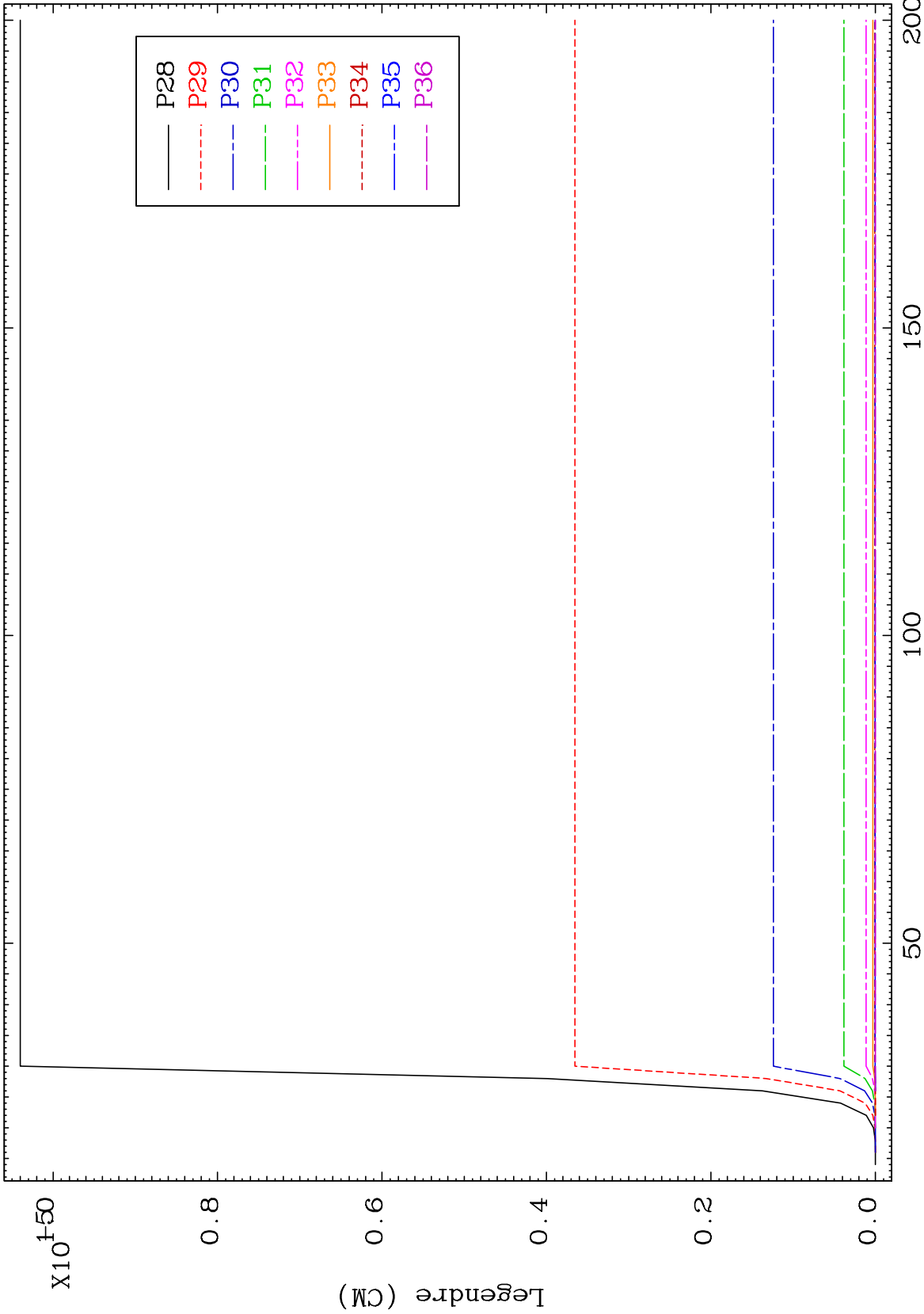
60-Nd-149



MAT 6046

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

60-Nd-149

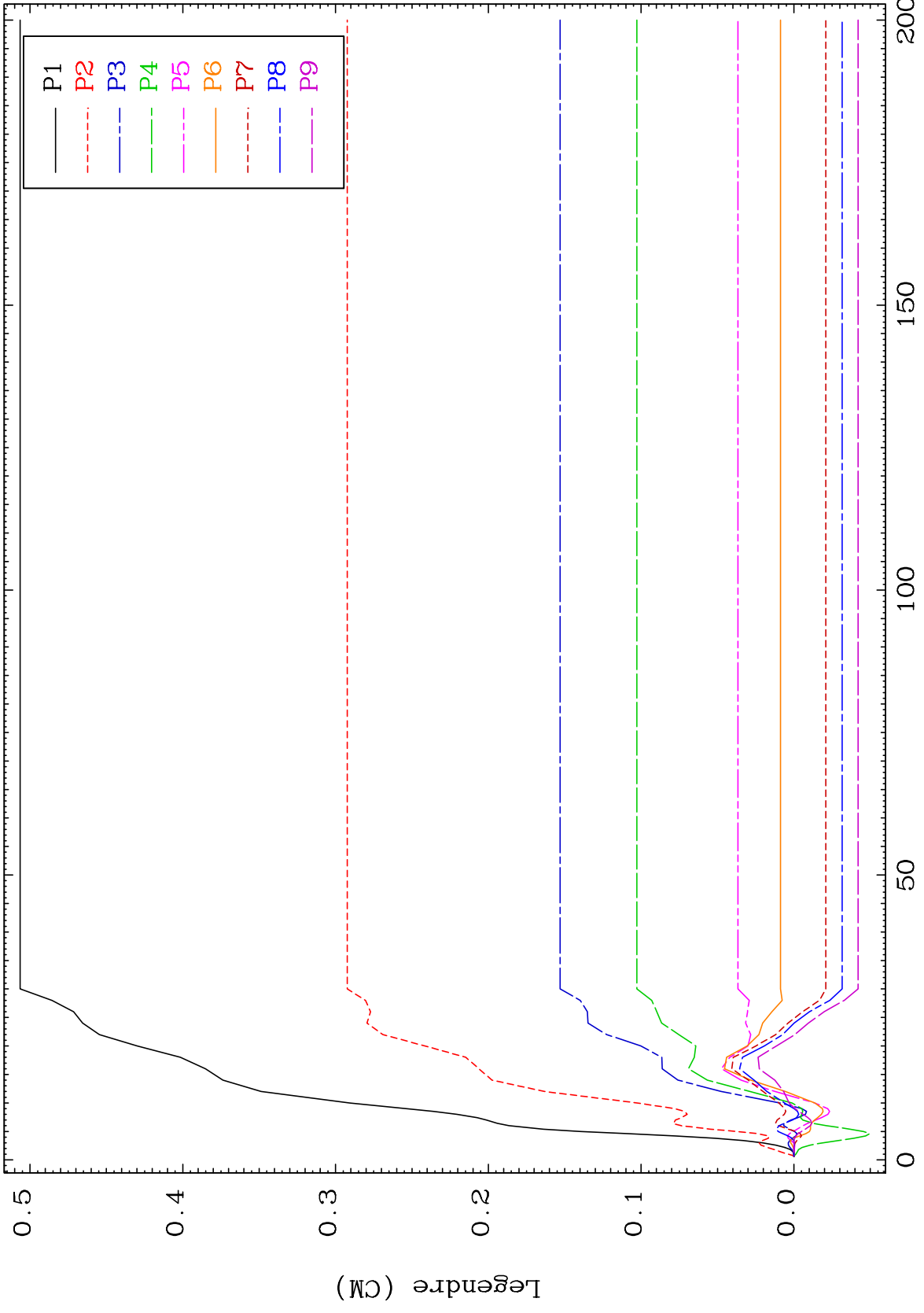


101

Incident Energy (MeV)

60-Nd-149

MAT 6046 MT= 72 (n,n') Level Legendre Coefficients 60-Nd-149

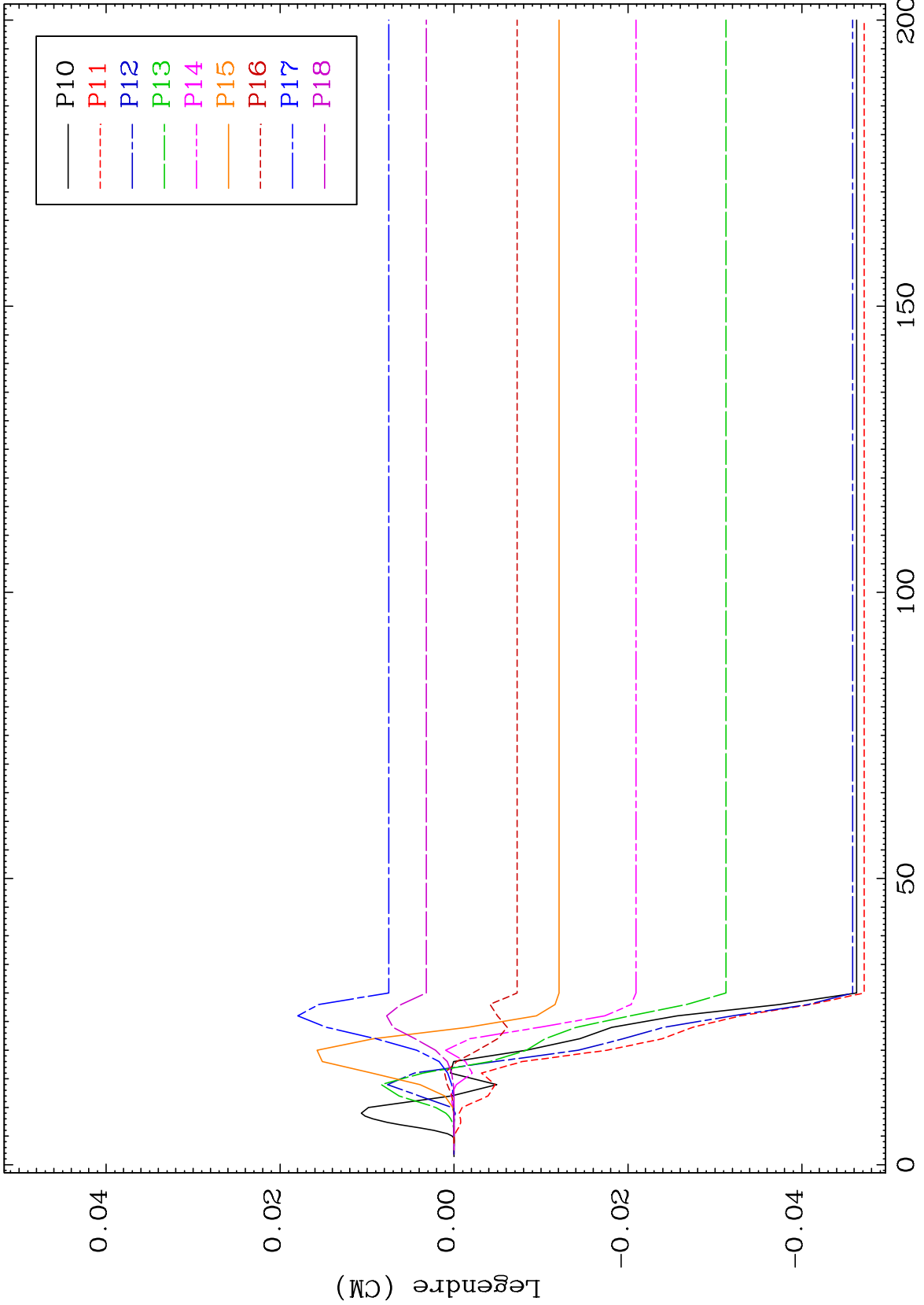


102 Incident Energy (MeV) 60-Nd-149

MAT 6046

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

60-Nd-149



103

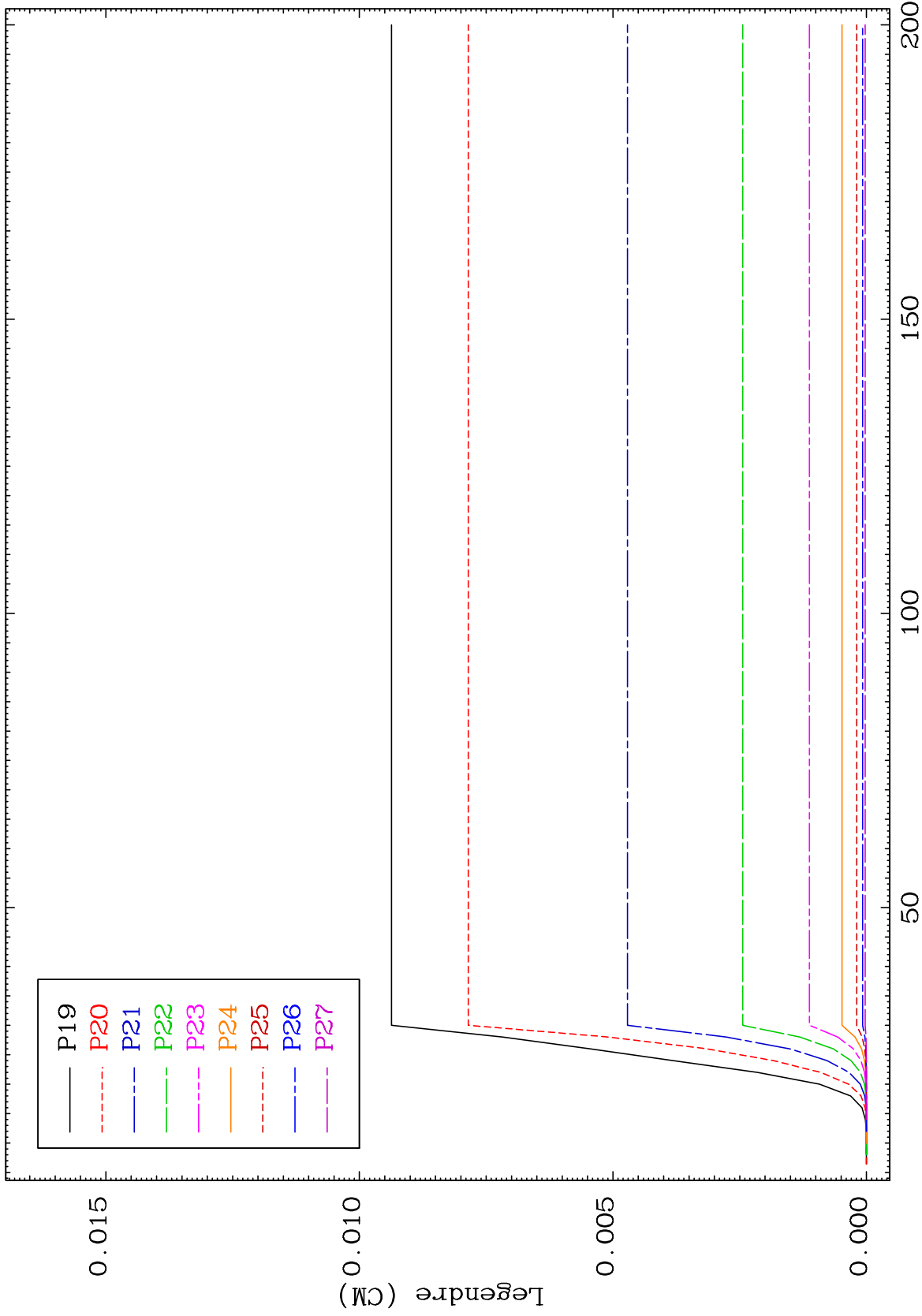
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



104

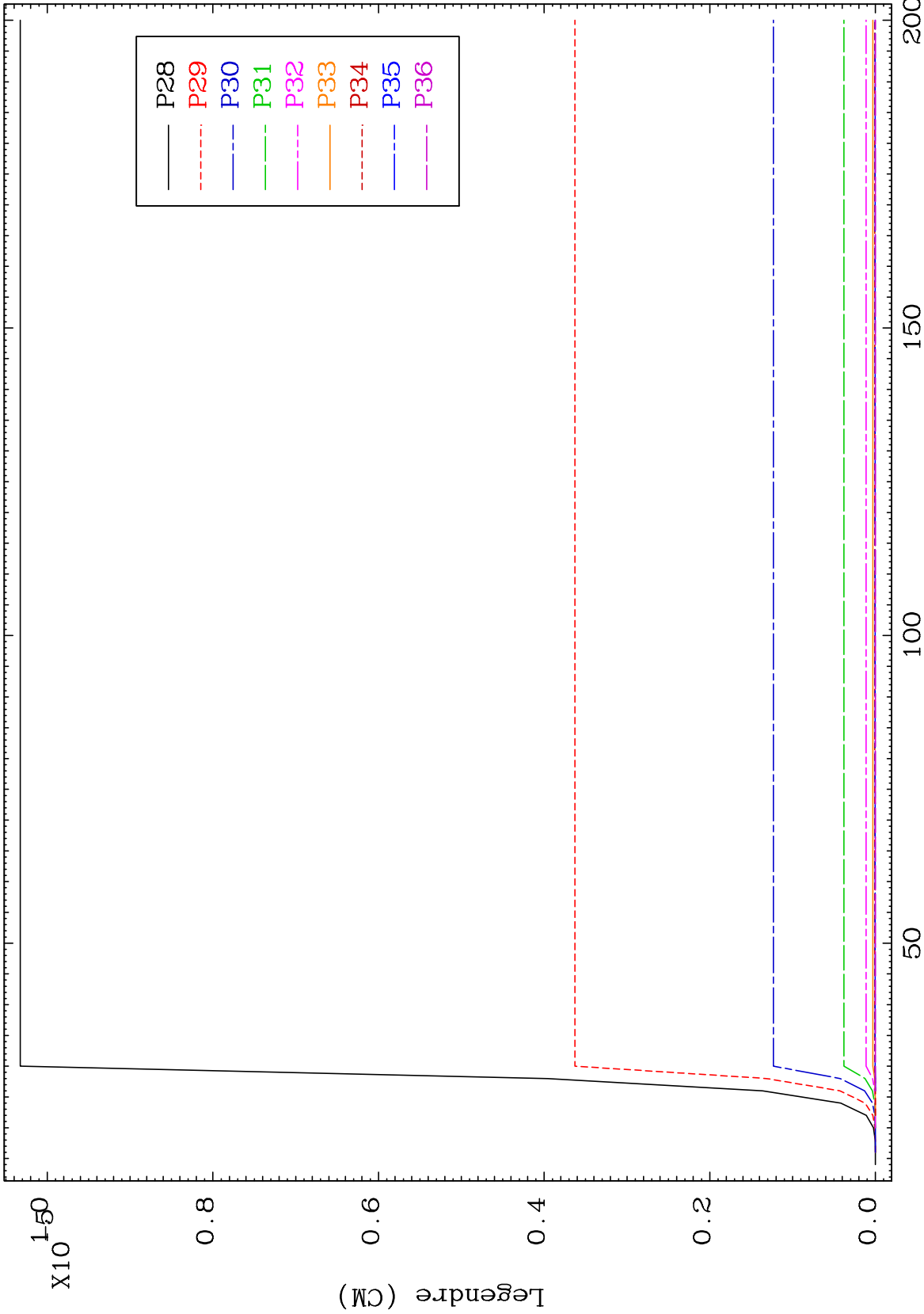
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



105

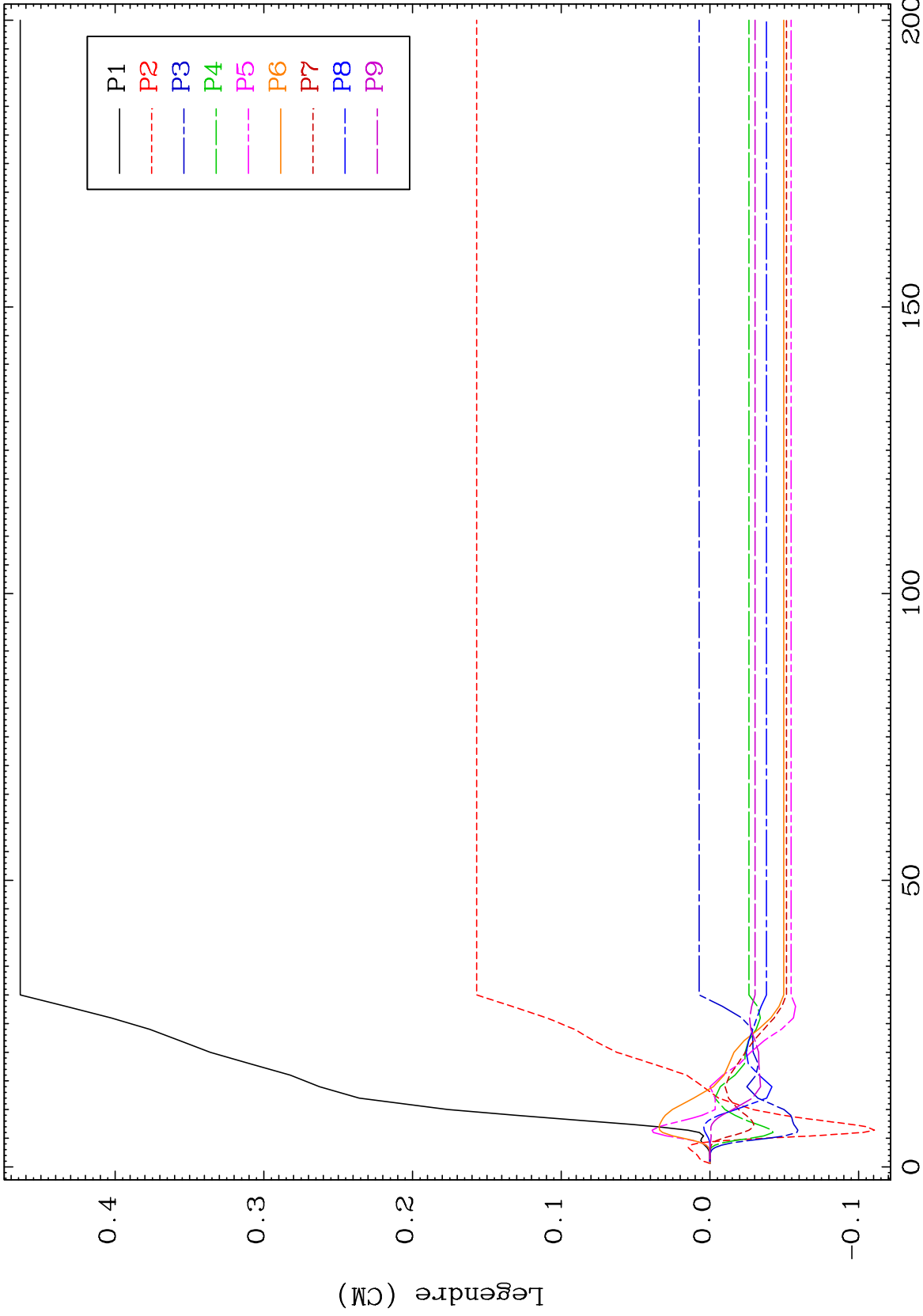
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



106

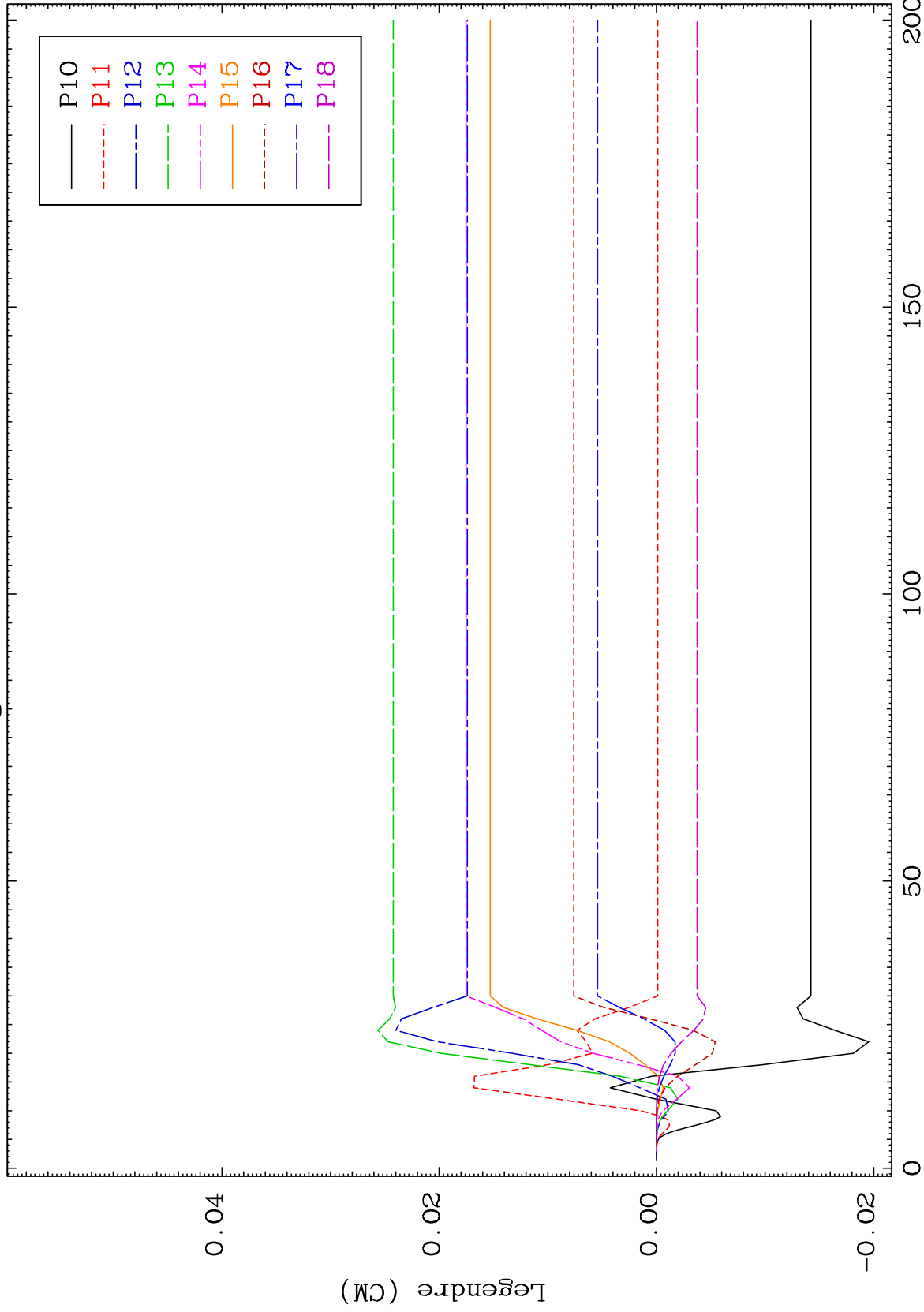
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



107

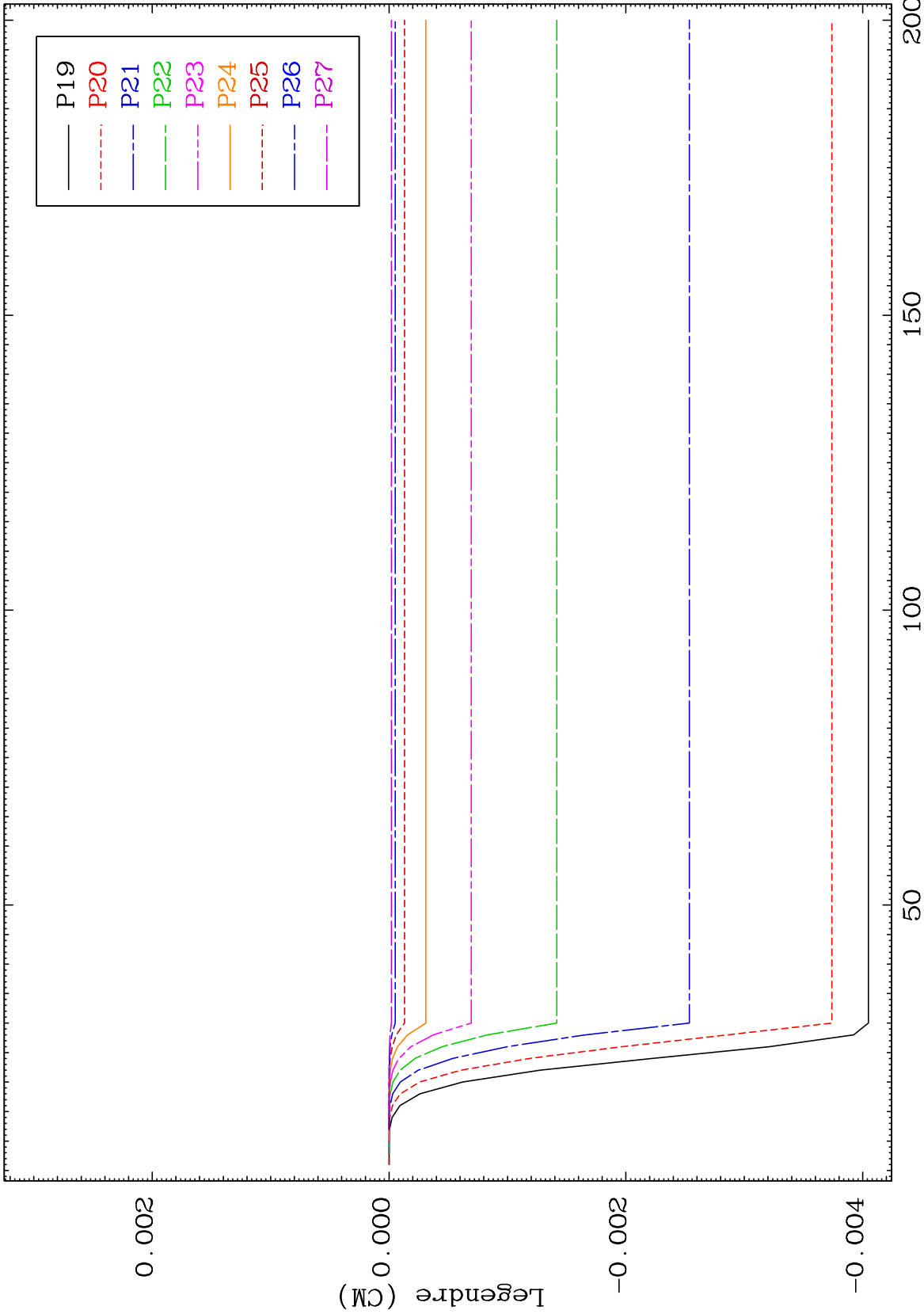
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149

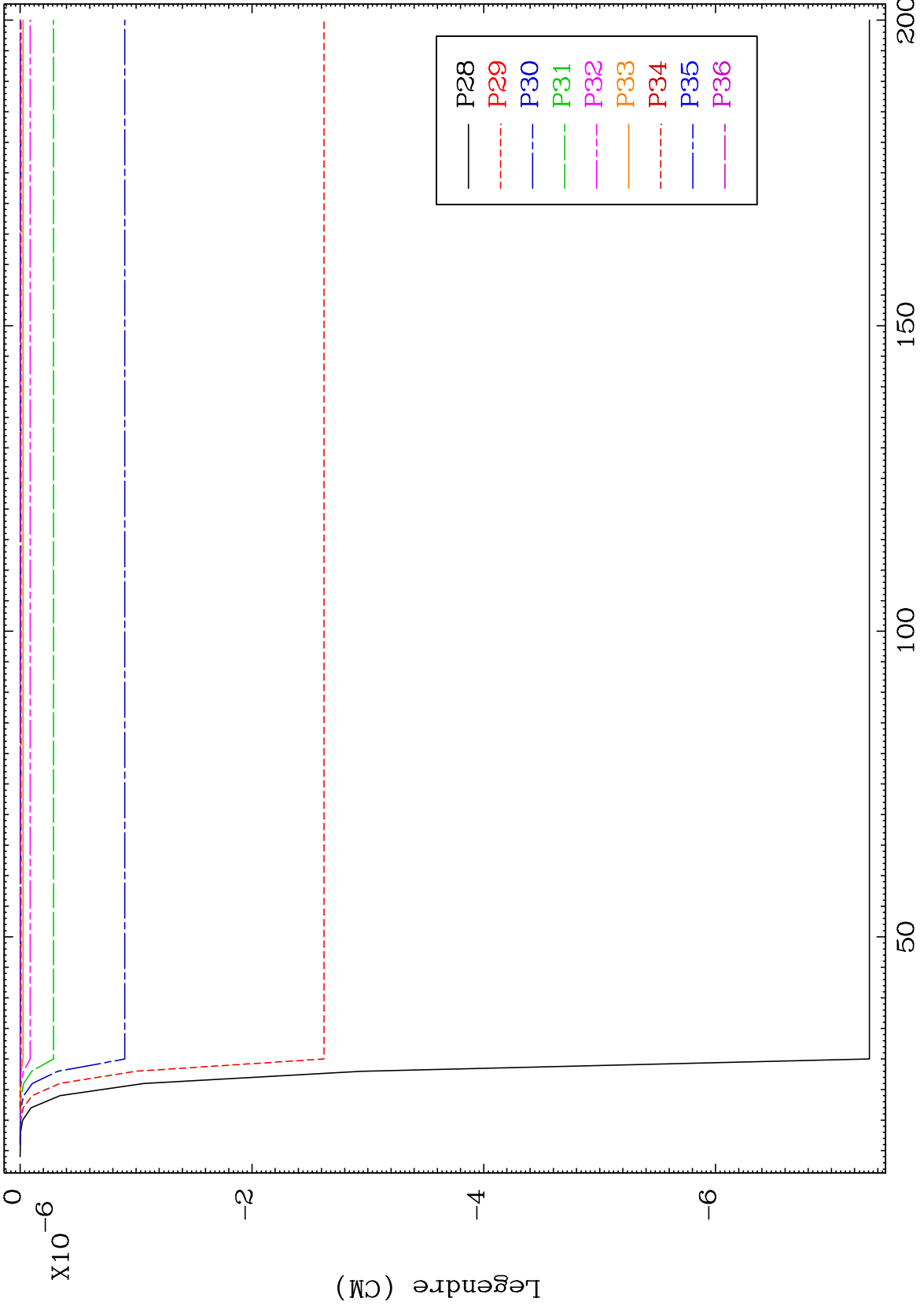


108

Incident Energy (MeV)

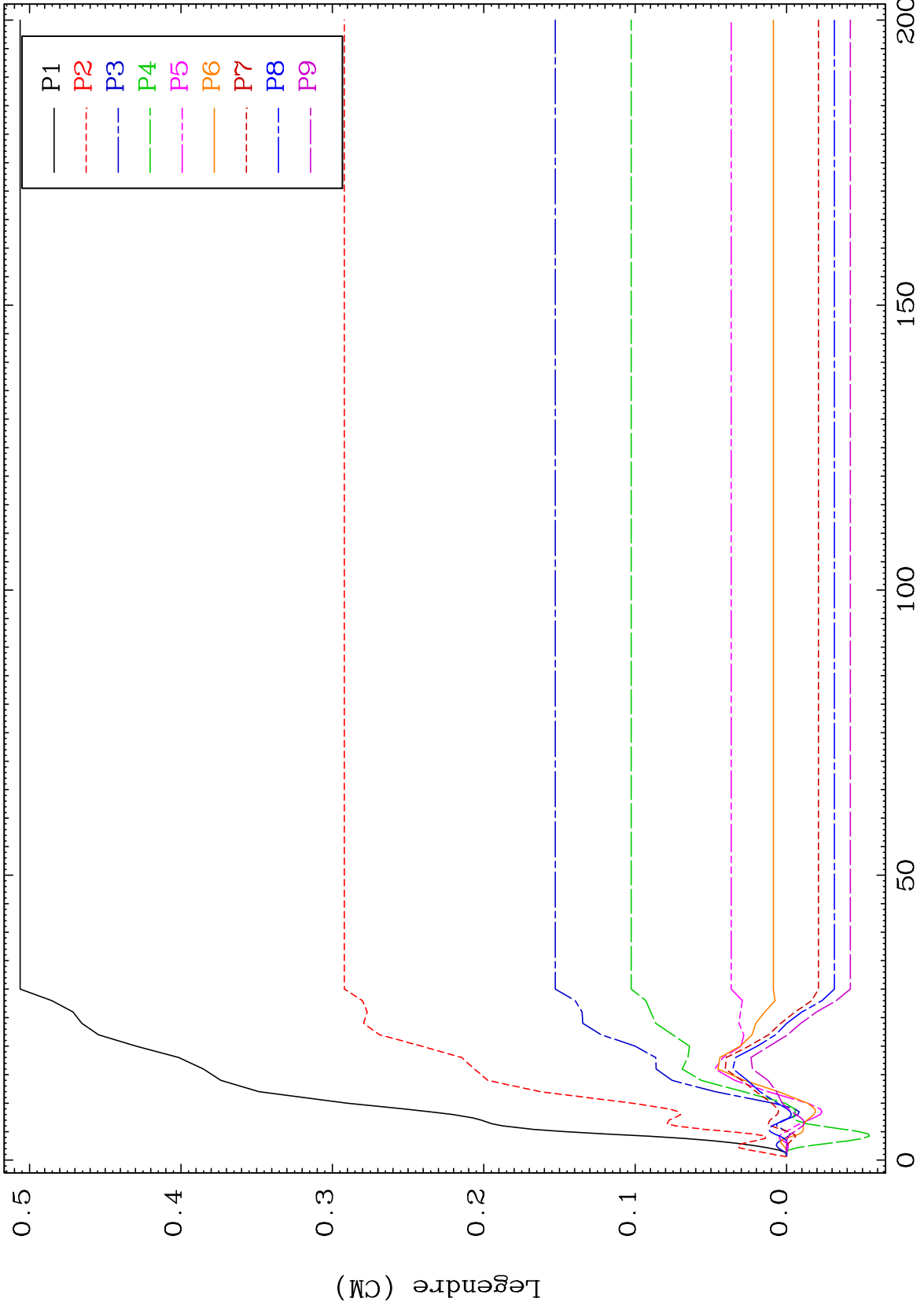
60-Nd-149

MAT 6046 MT= 73 (n,n') Level Legendre Coefficients 60-Nd-149



109 60-Nd-149

MAT 6046 MT= 74 (n,n') Level Legendre Coefficients 60-Nd-149

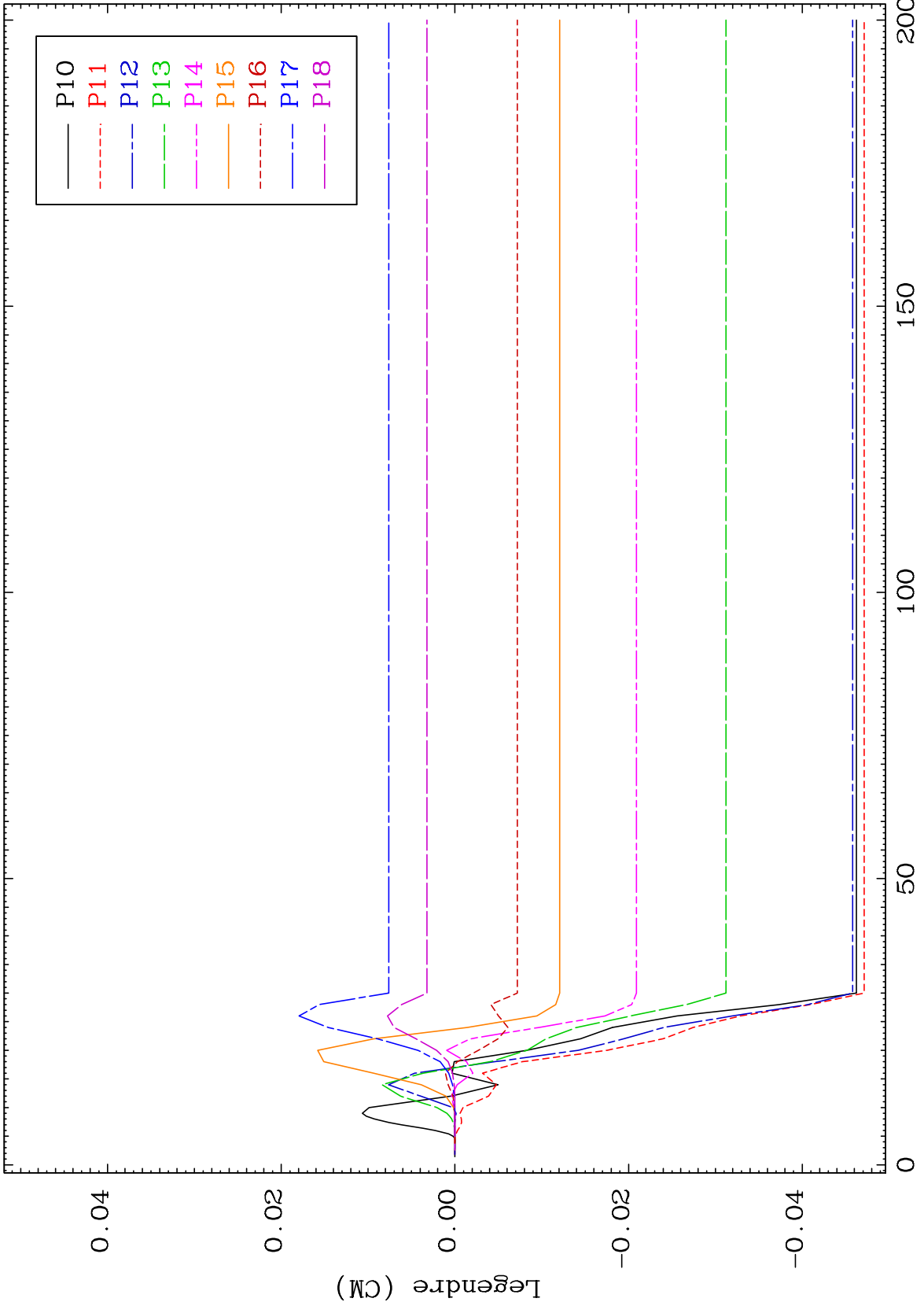


110 Incident Energy (MeV) 60-Nd-149

MAT 6046

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

60-Nd-149



111

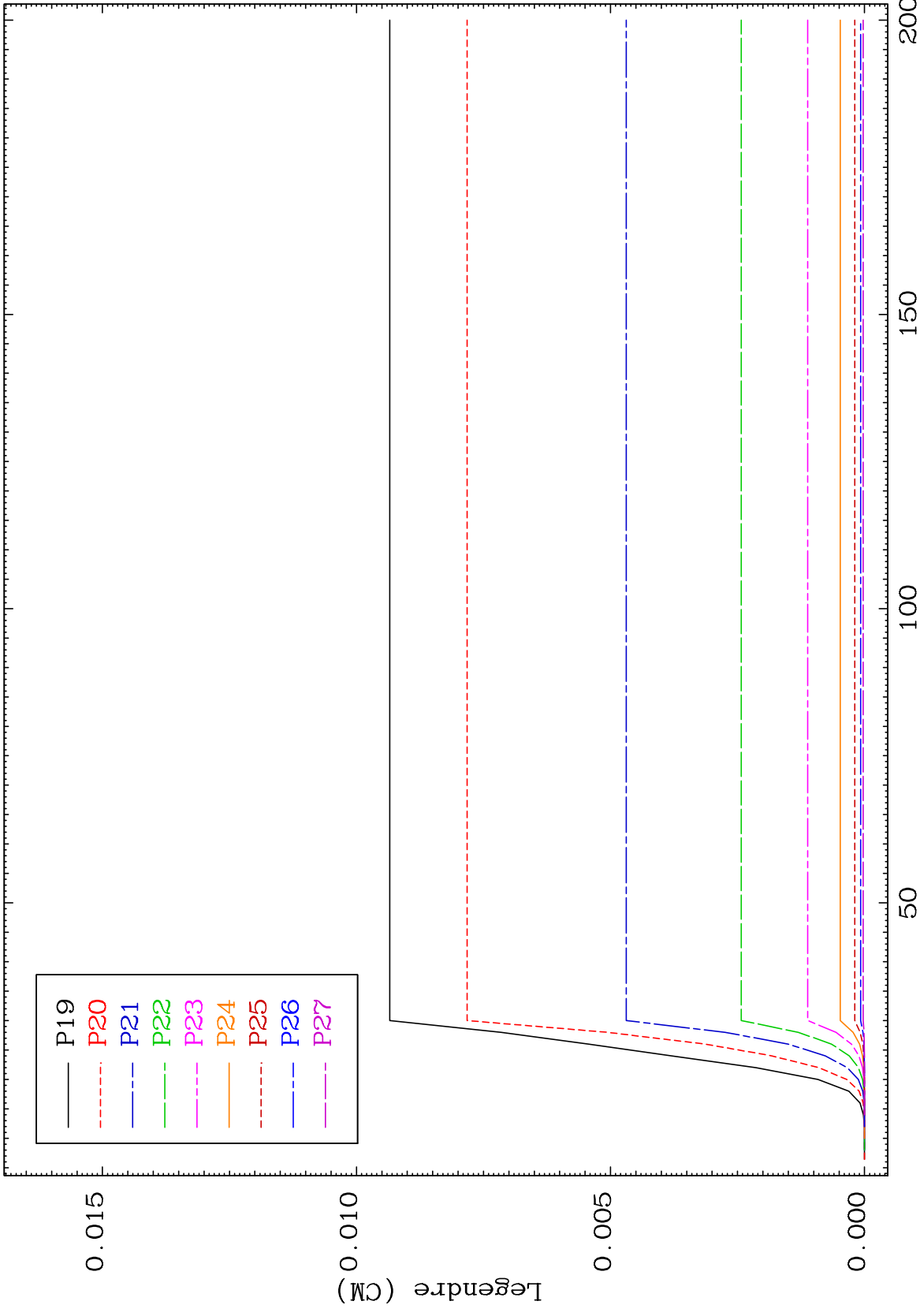
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



112

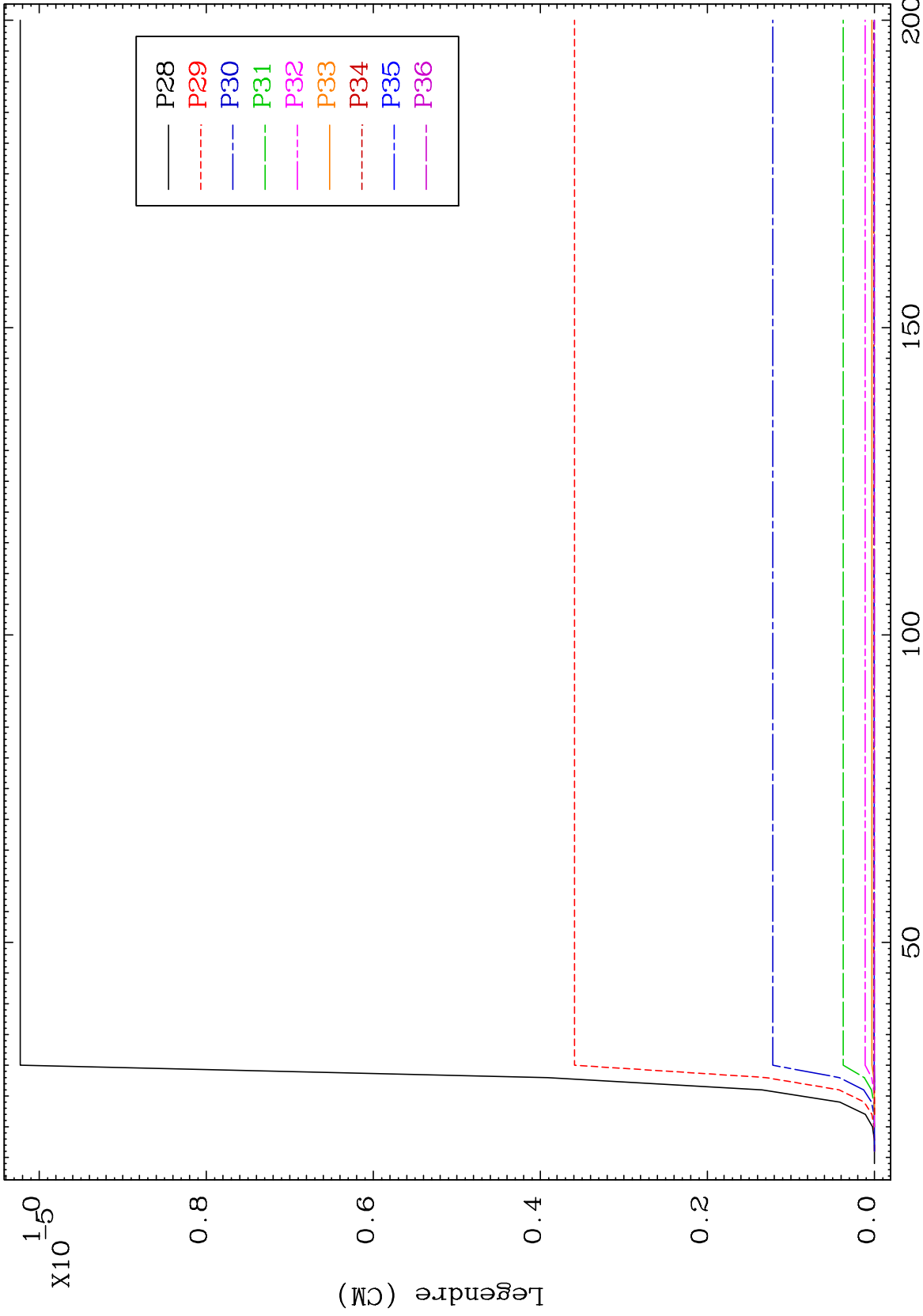
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



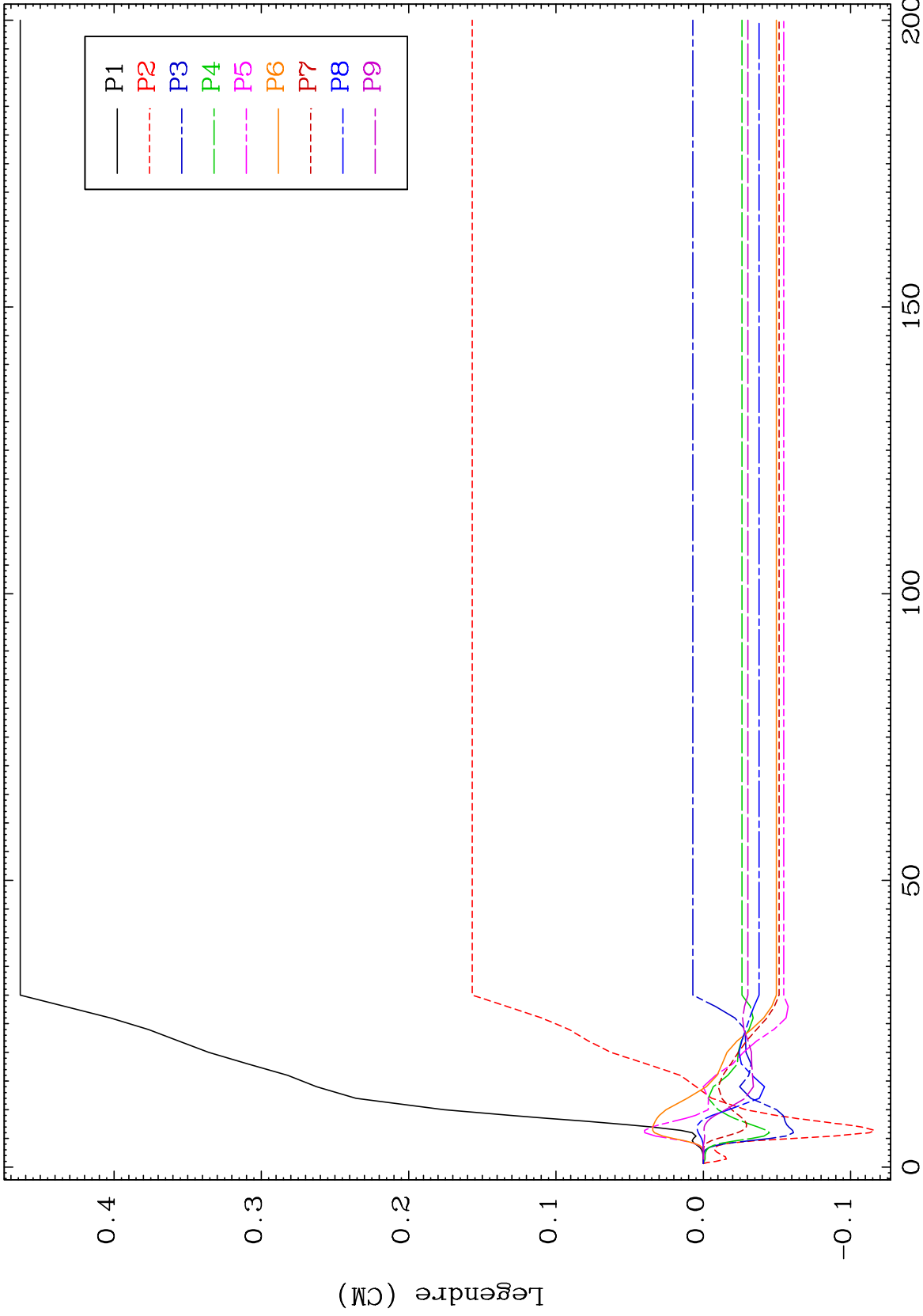
113

60-Nd-149

MAT 6046

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

60-Nd-149



114

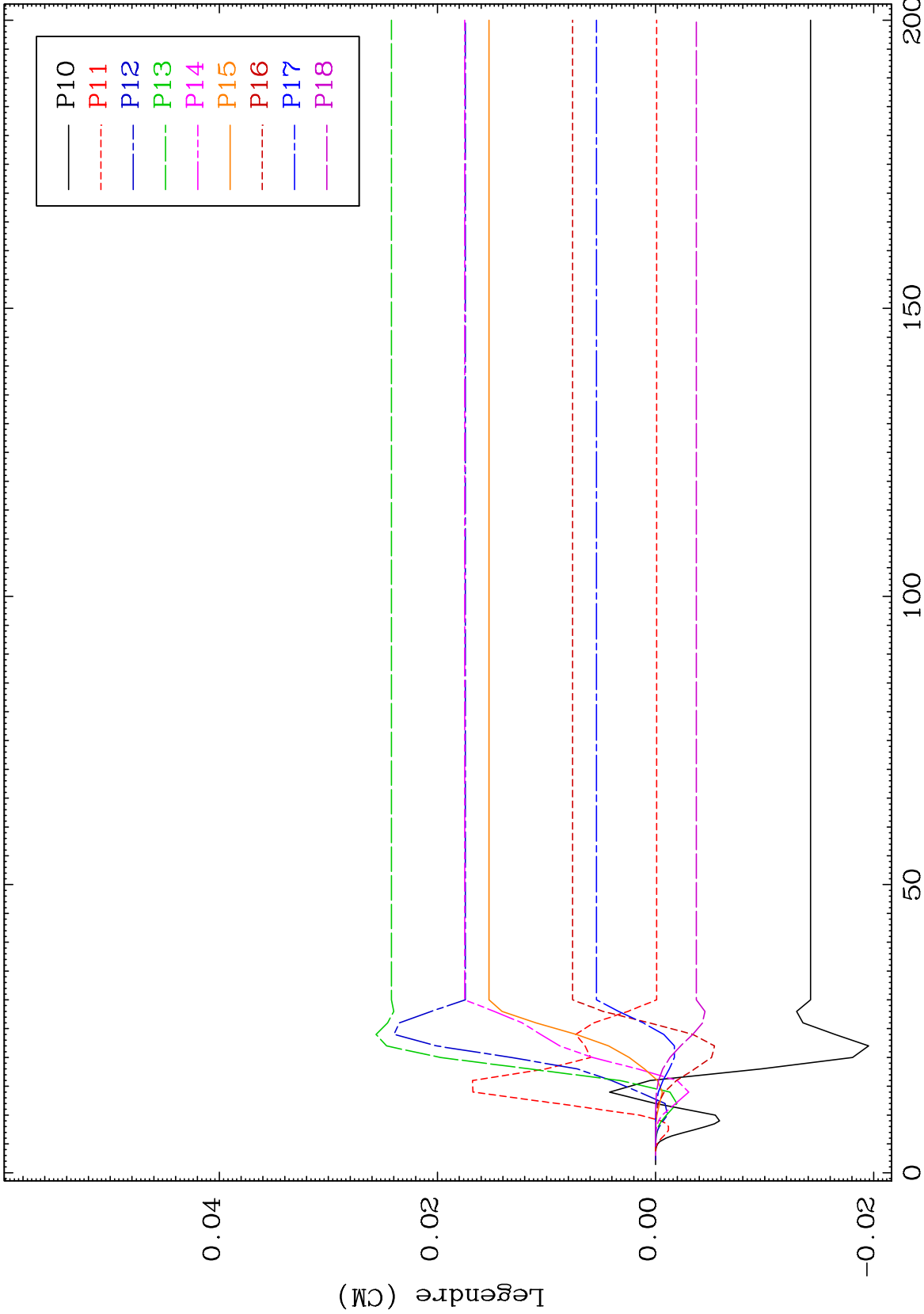
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



115

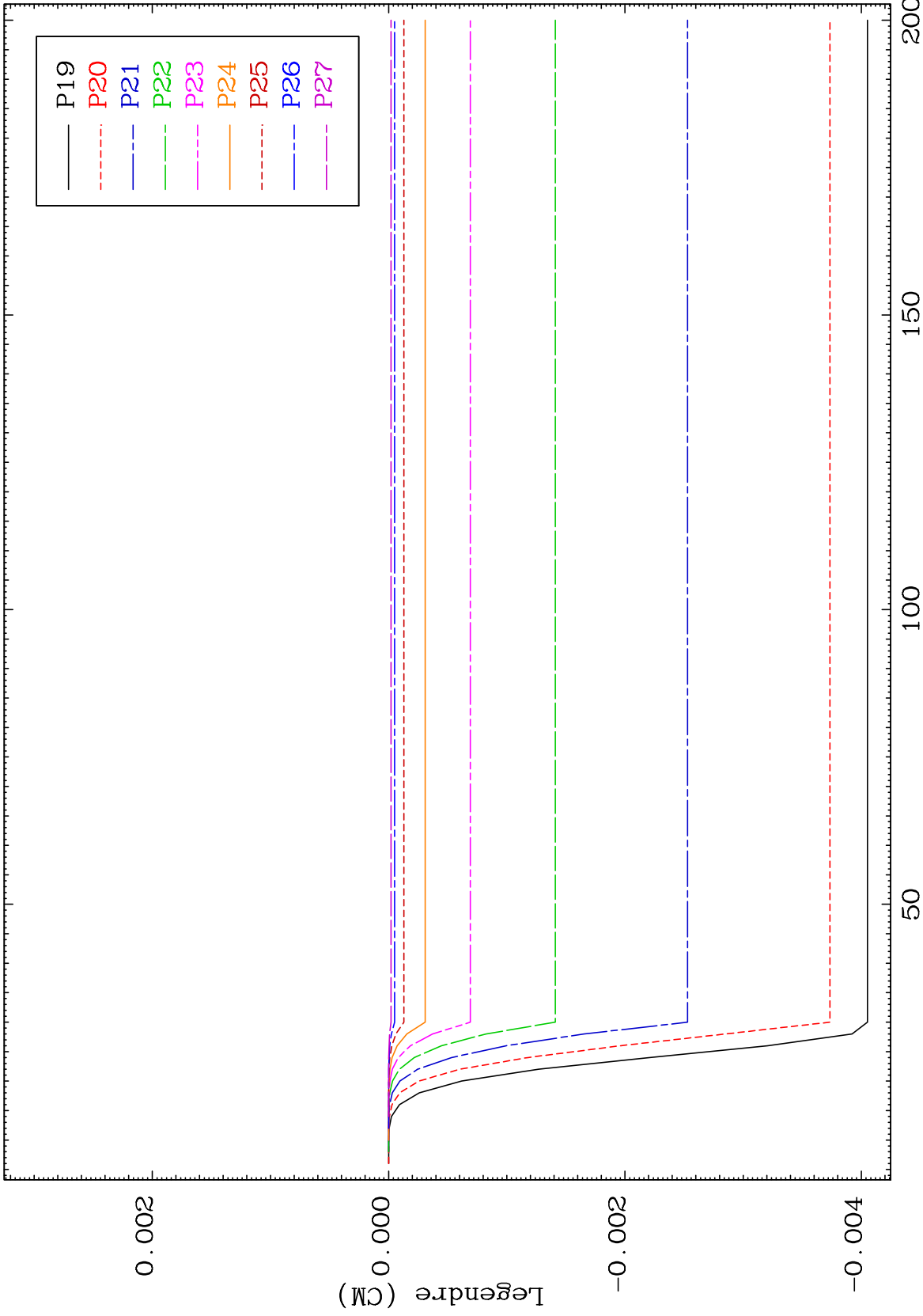
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



116

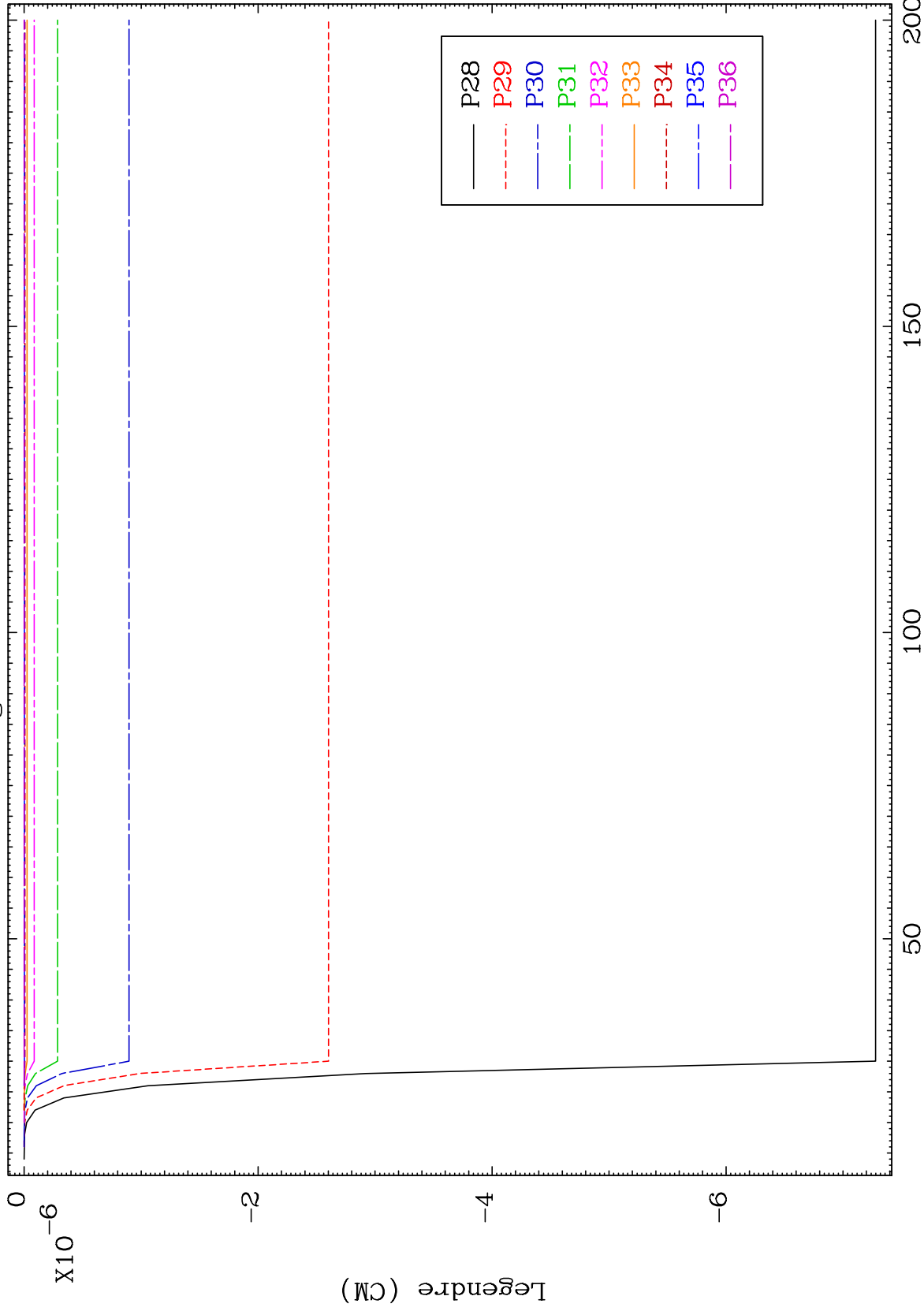
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149

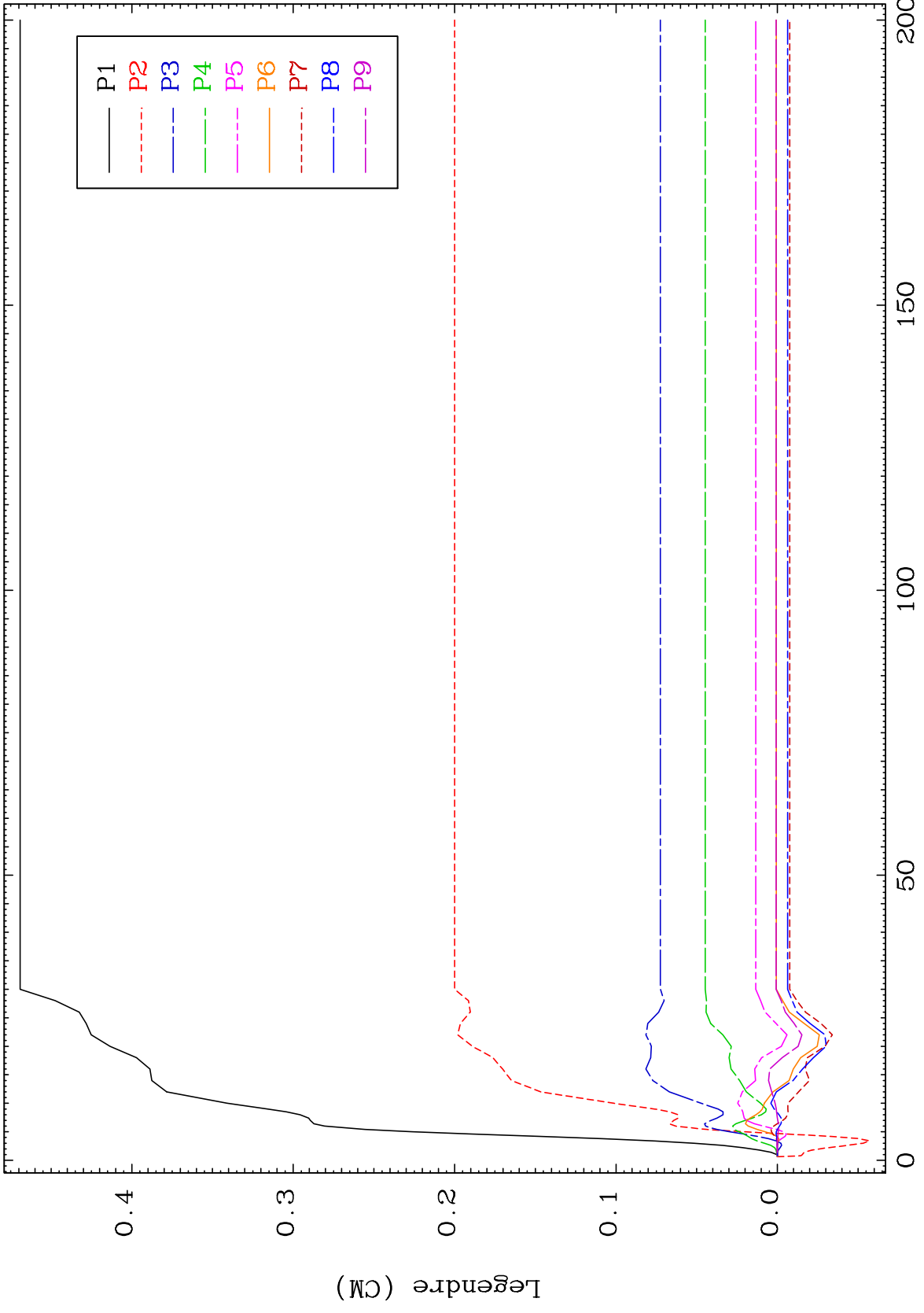


60-Nd-149

Incident Energy (MeV)

117

MAT 6046 MT= 76 (n,n') Level Legendre Coefficients 60-Nd-149

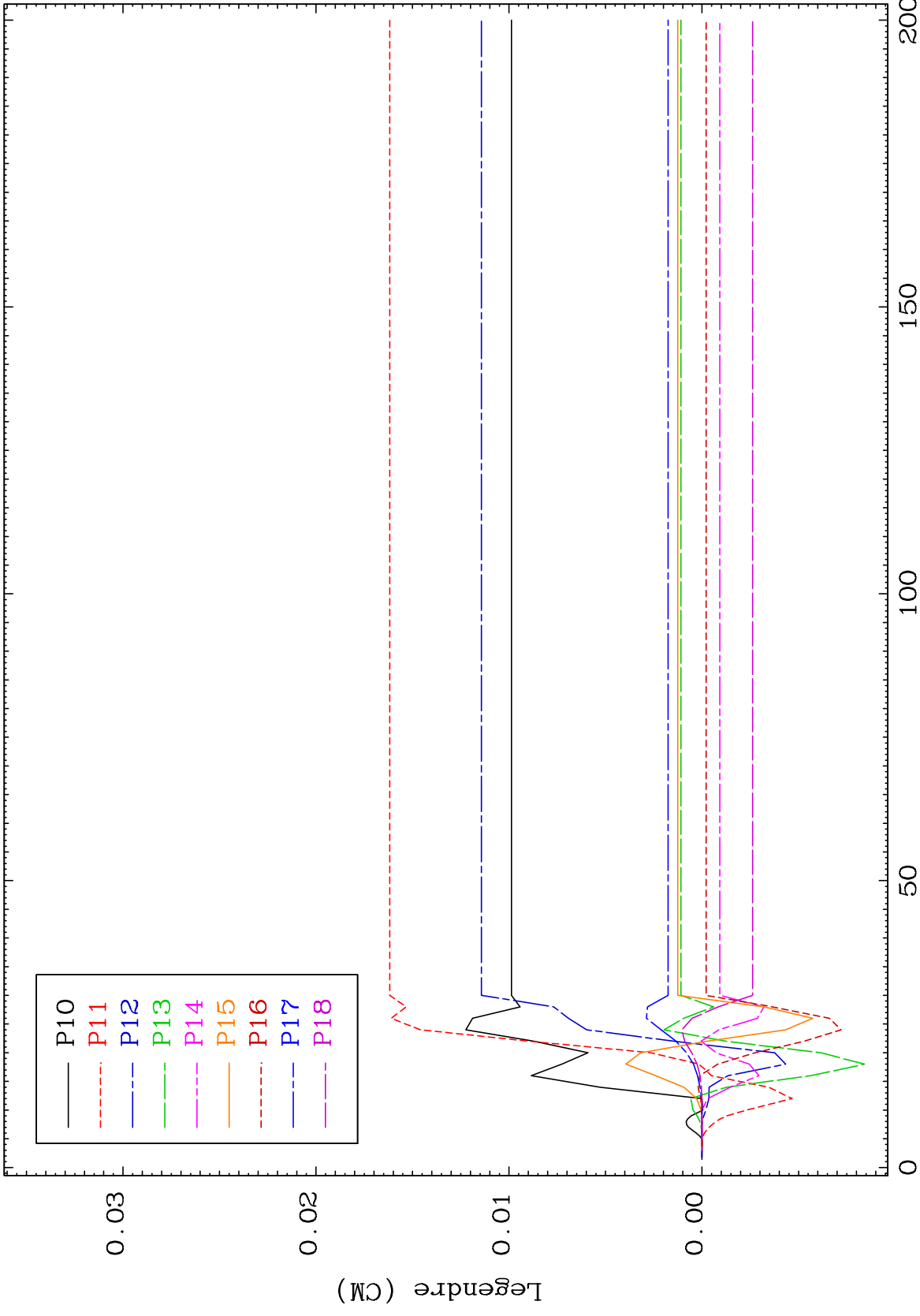


118 60-Nd-149

MAT 6046

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

60-Nd-149



119

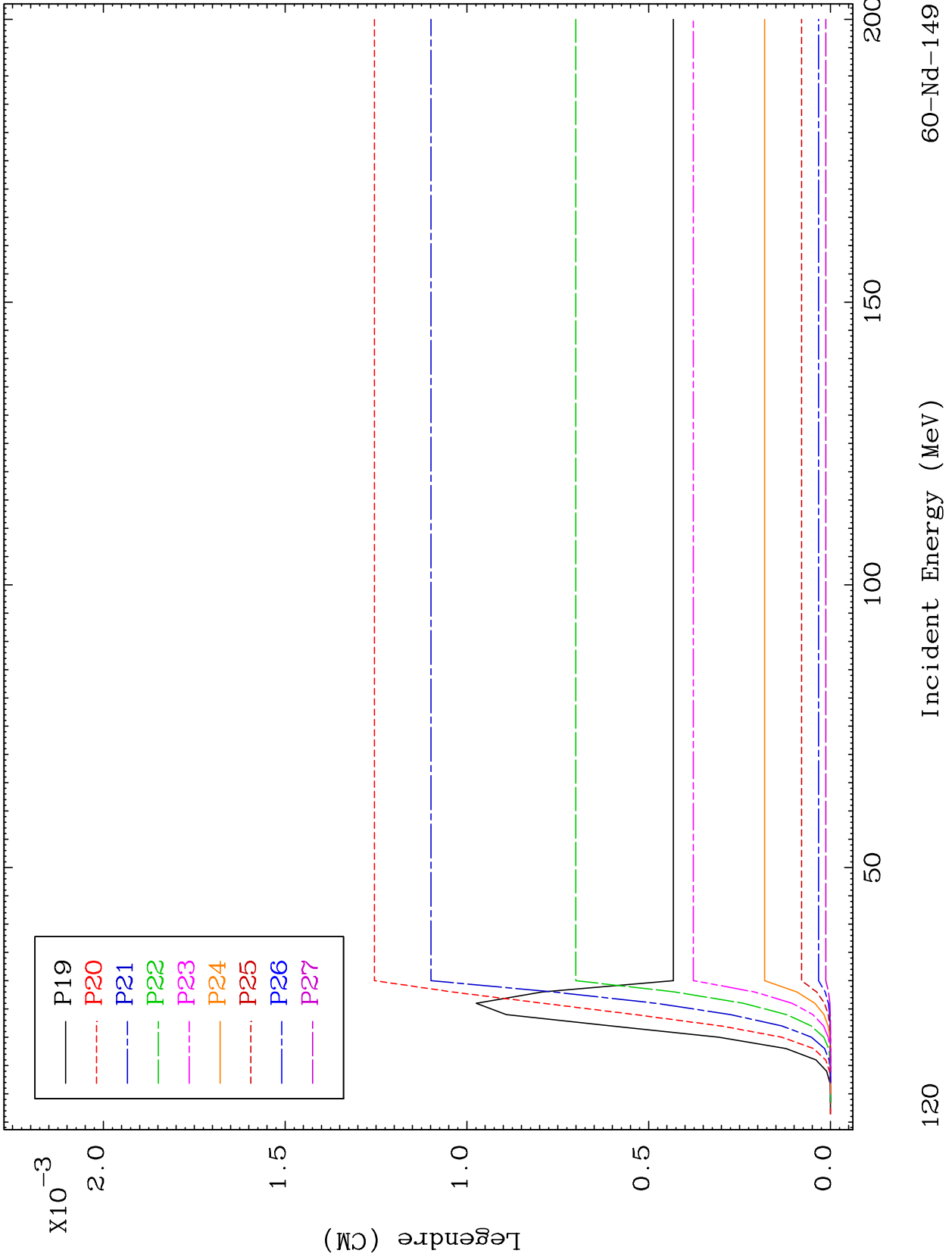
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

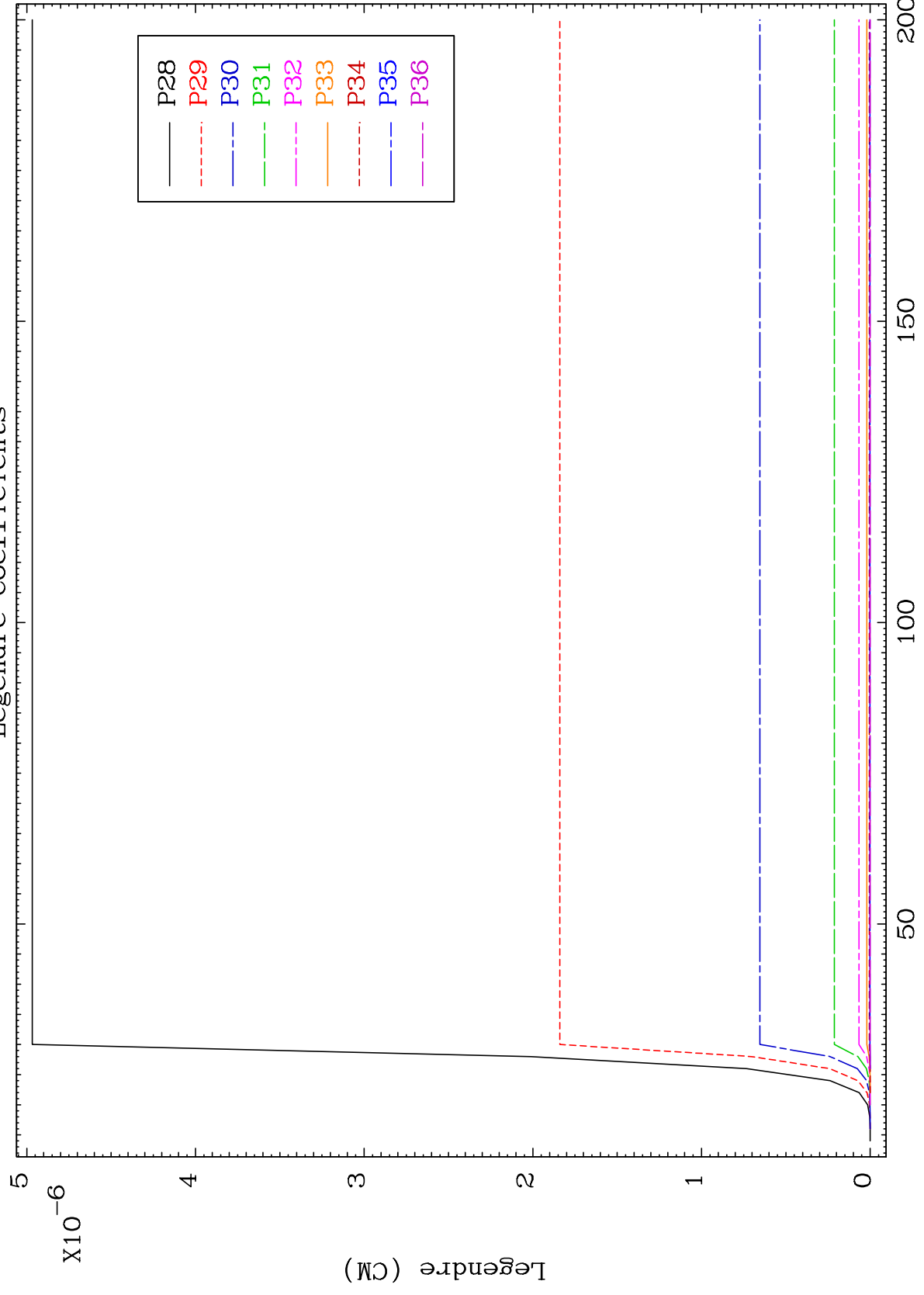
60-Nd-149



MAT 6046

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

60-Nd-149



121

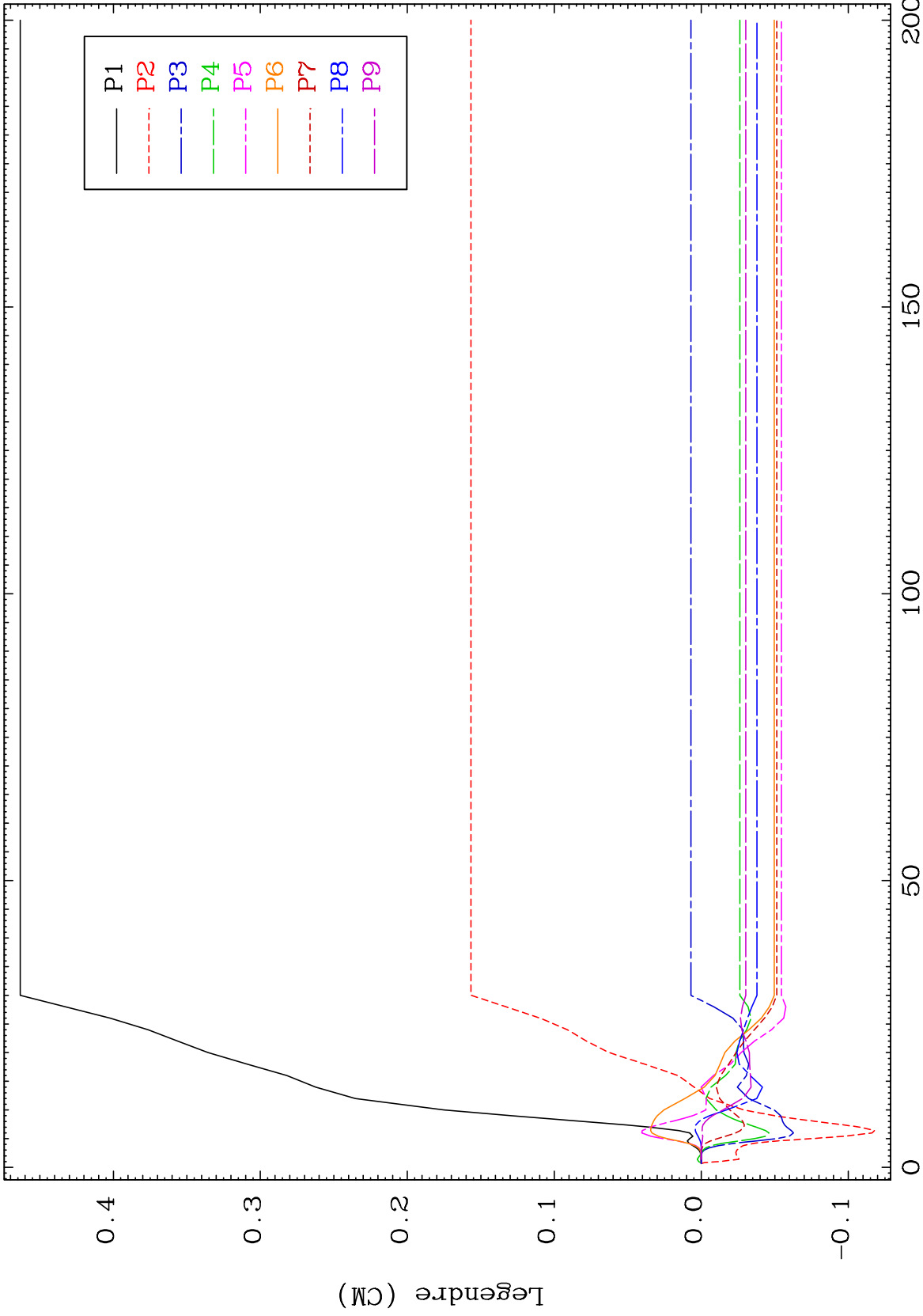
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



122

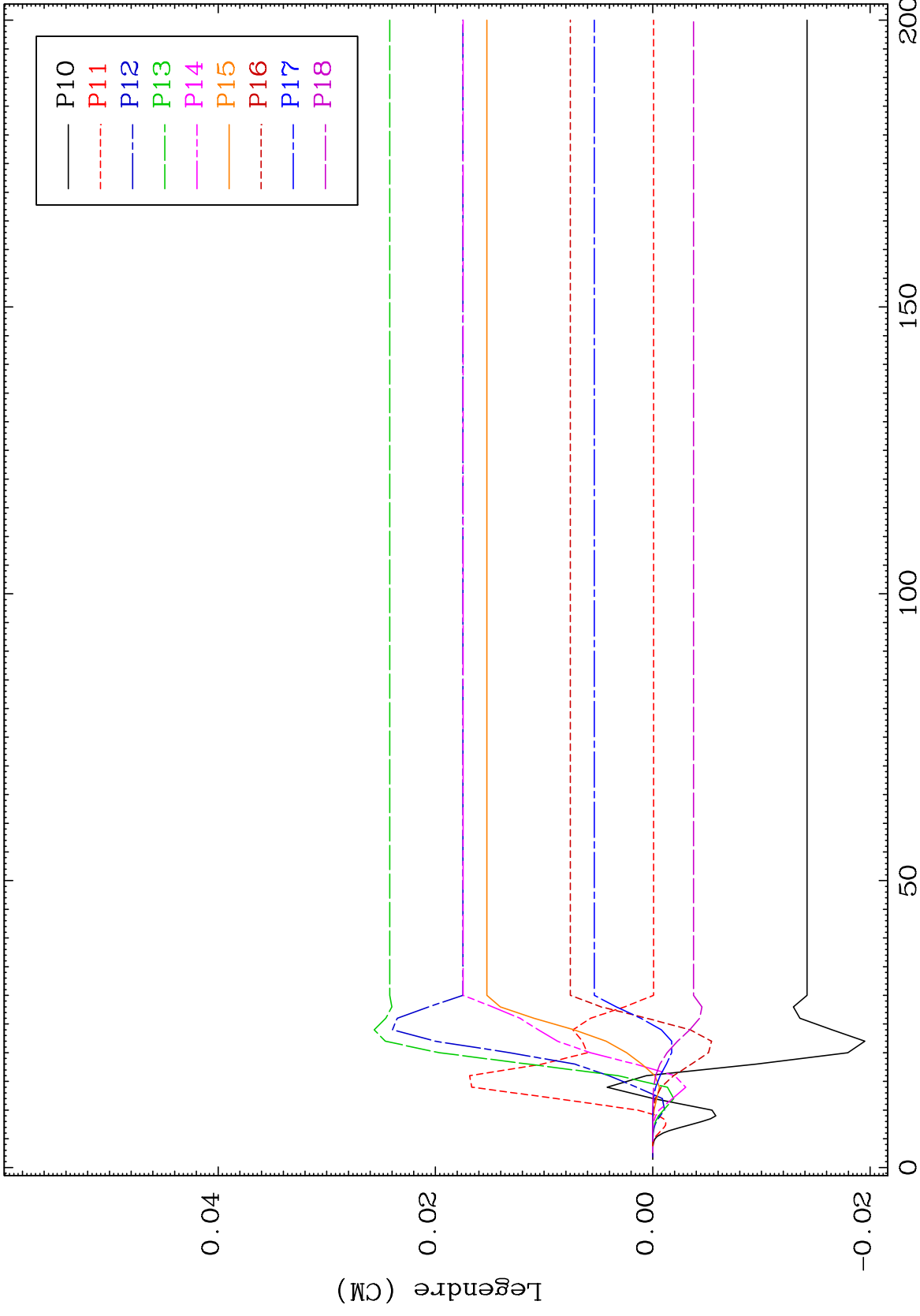
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



123

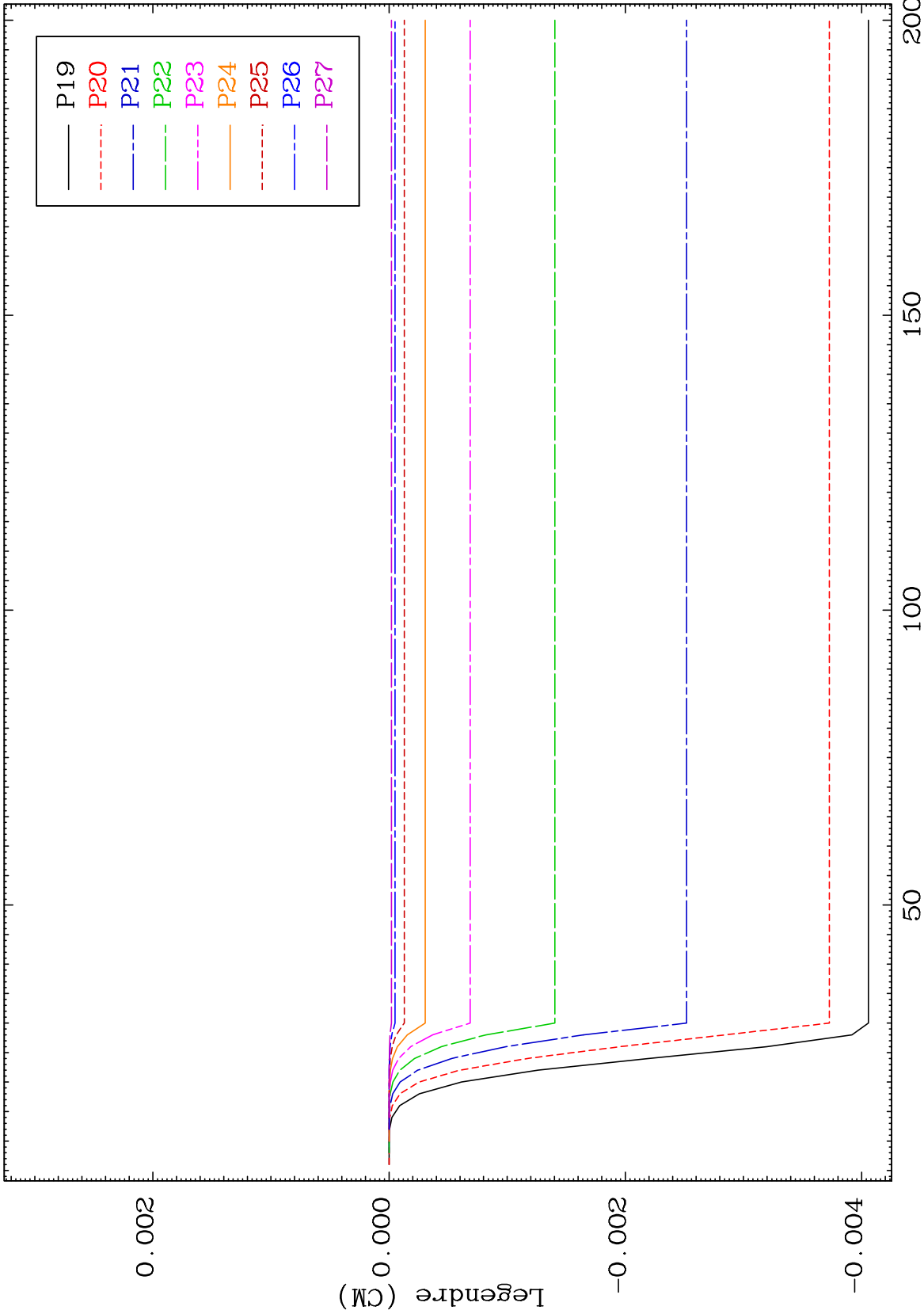
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



124

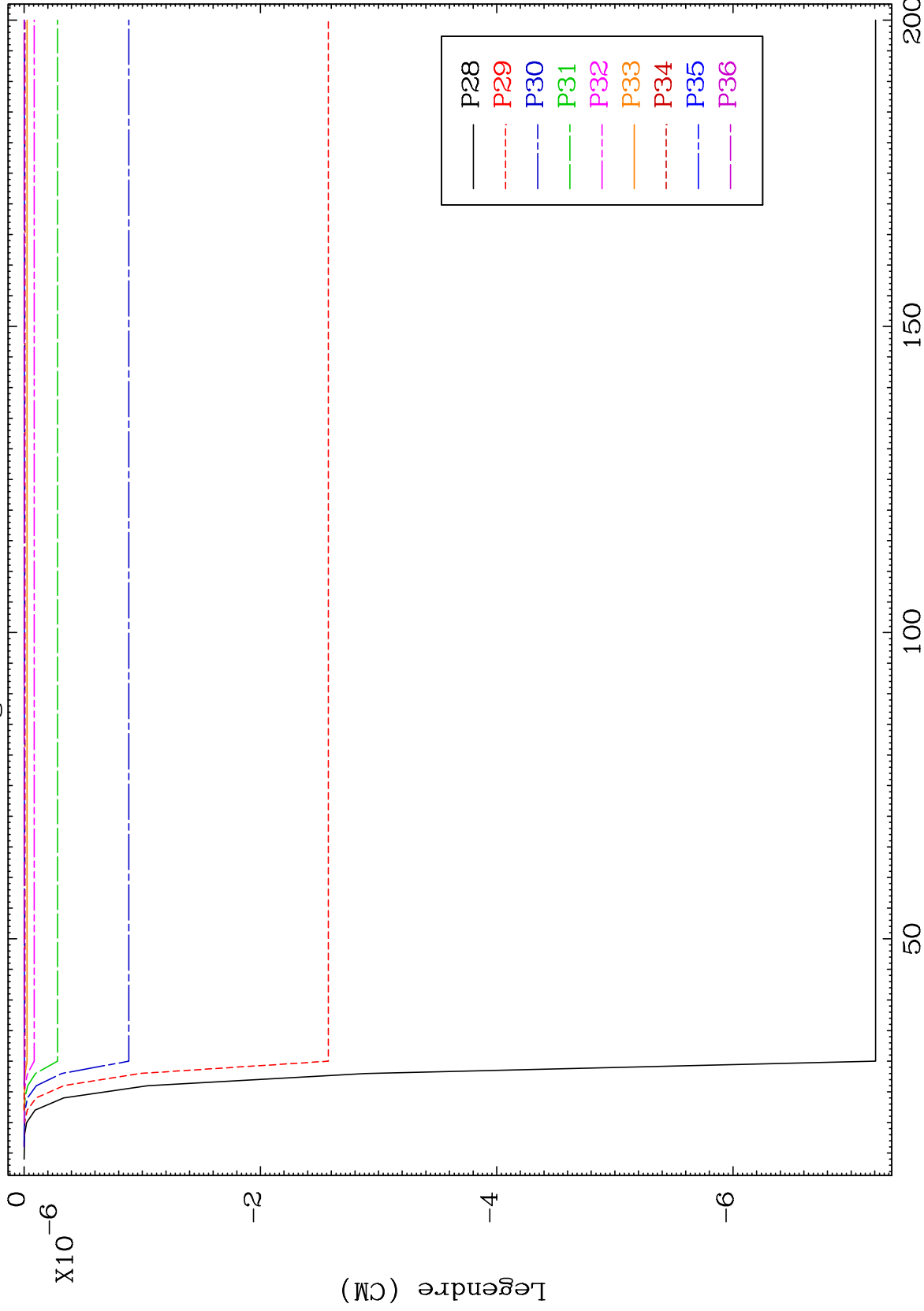
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

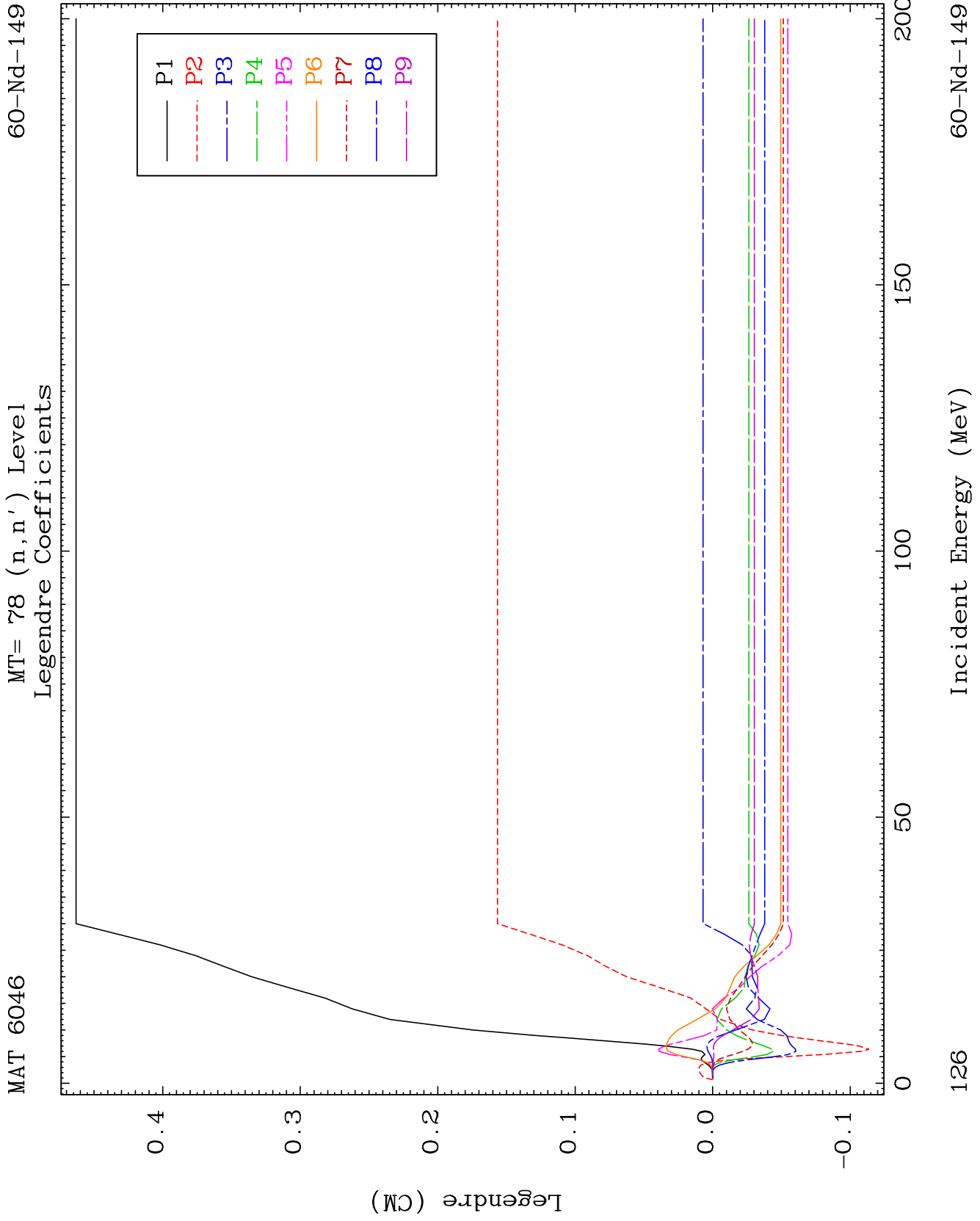
60-Nd-149



60-Nd-149

Incident Energy (MeV)

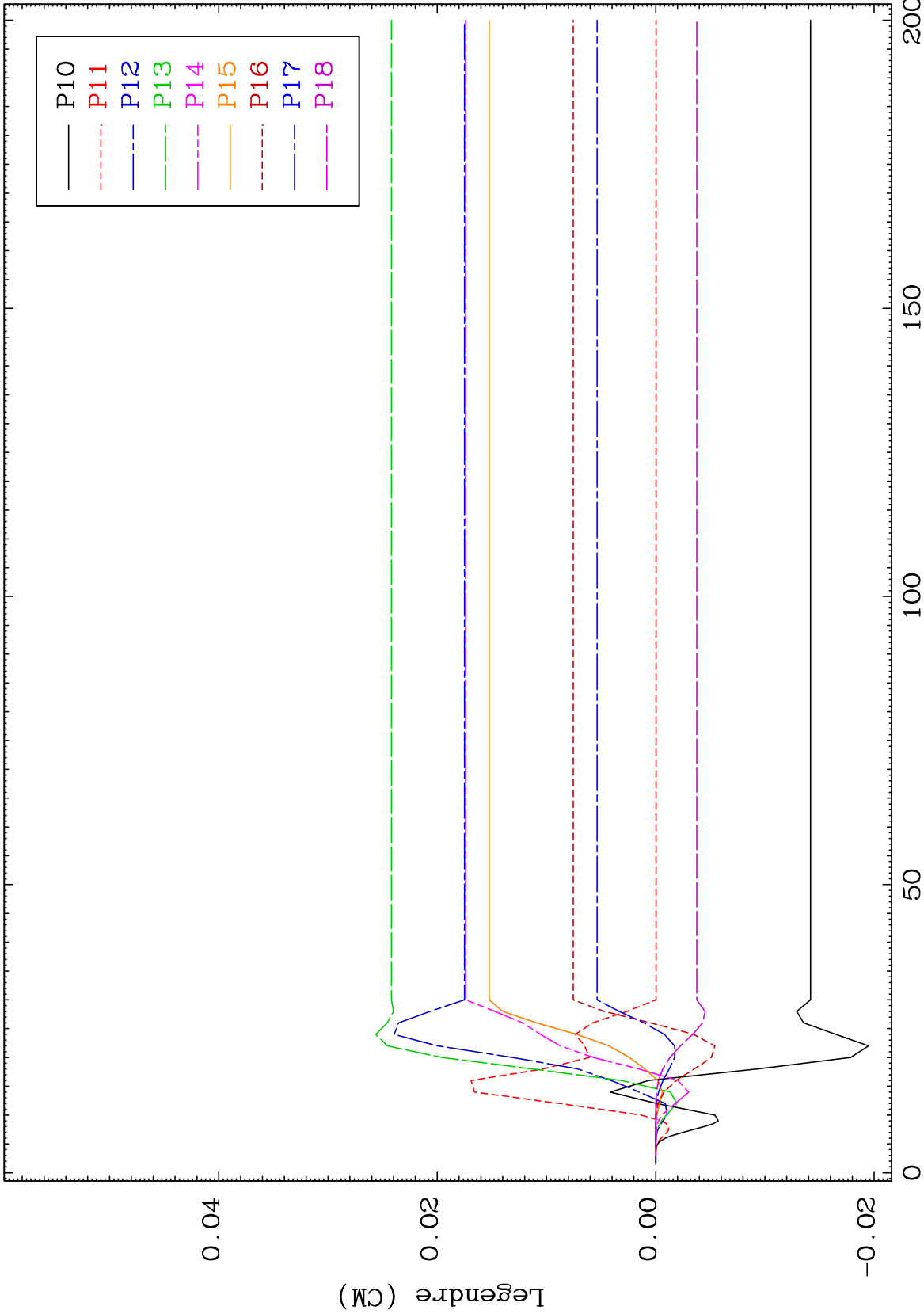
125



MAT 6046

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

60-Nd-149



127

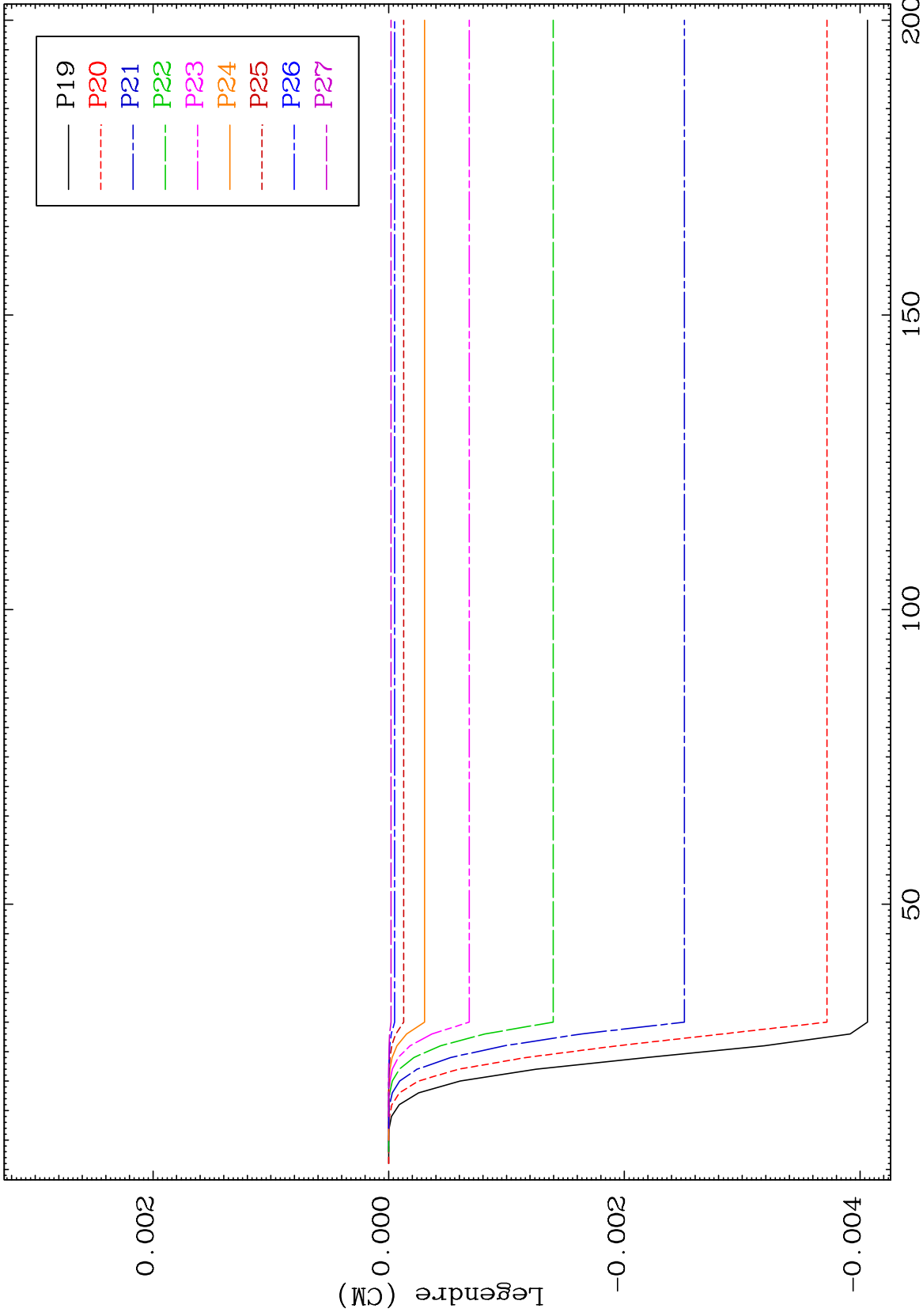
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



128

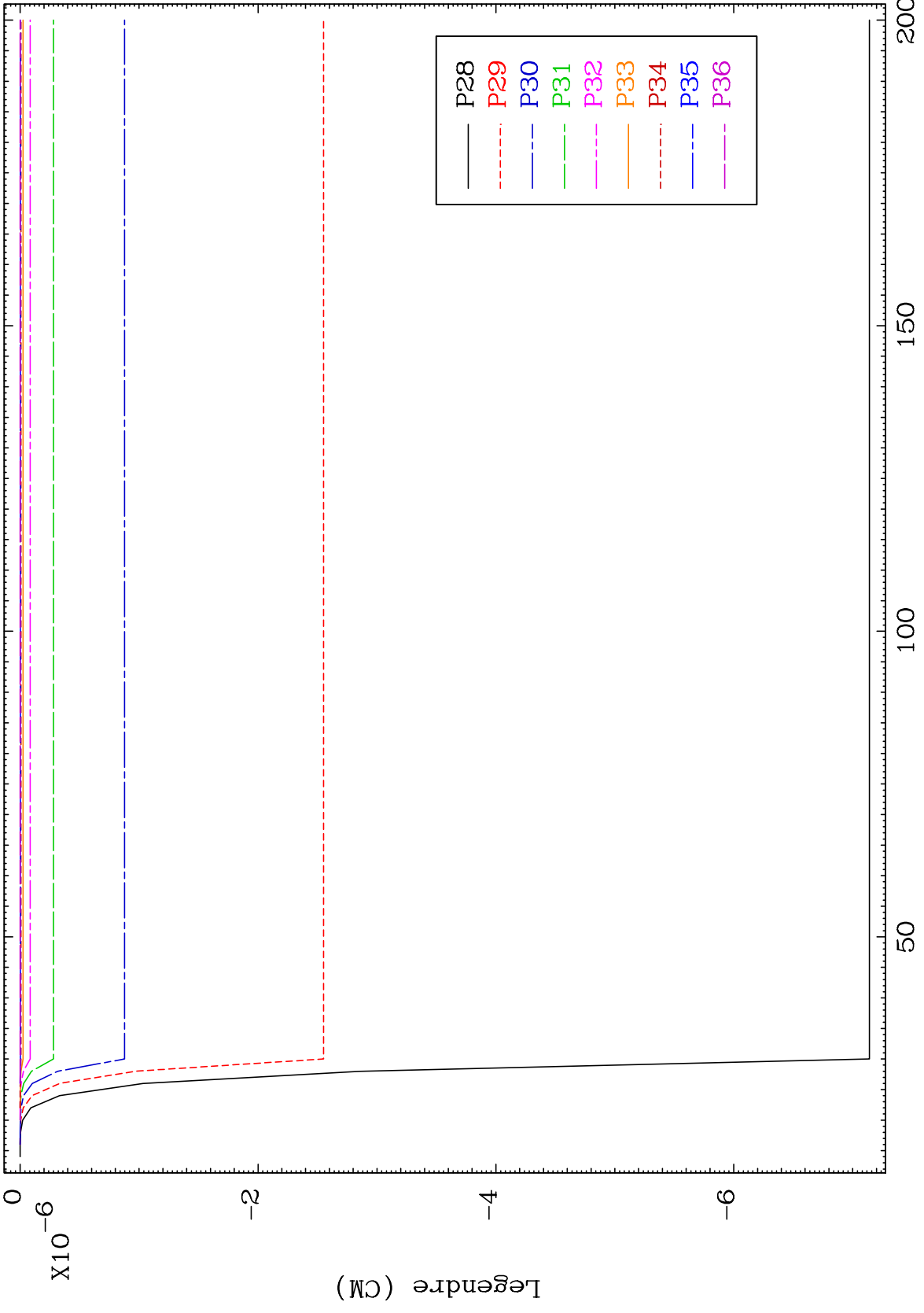
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149

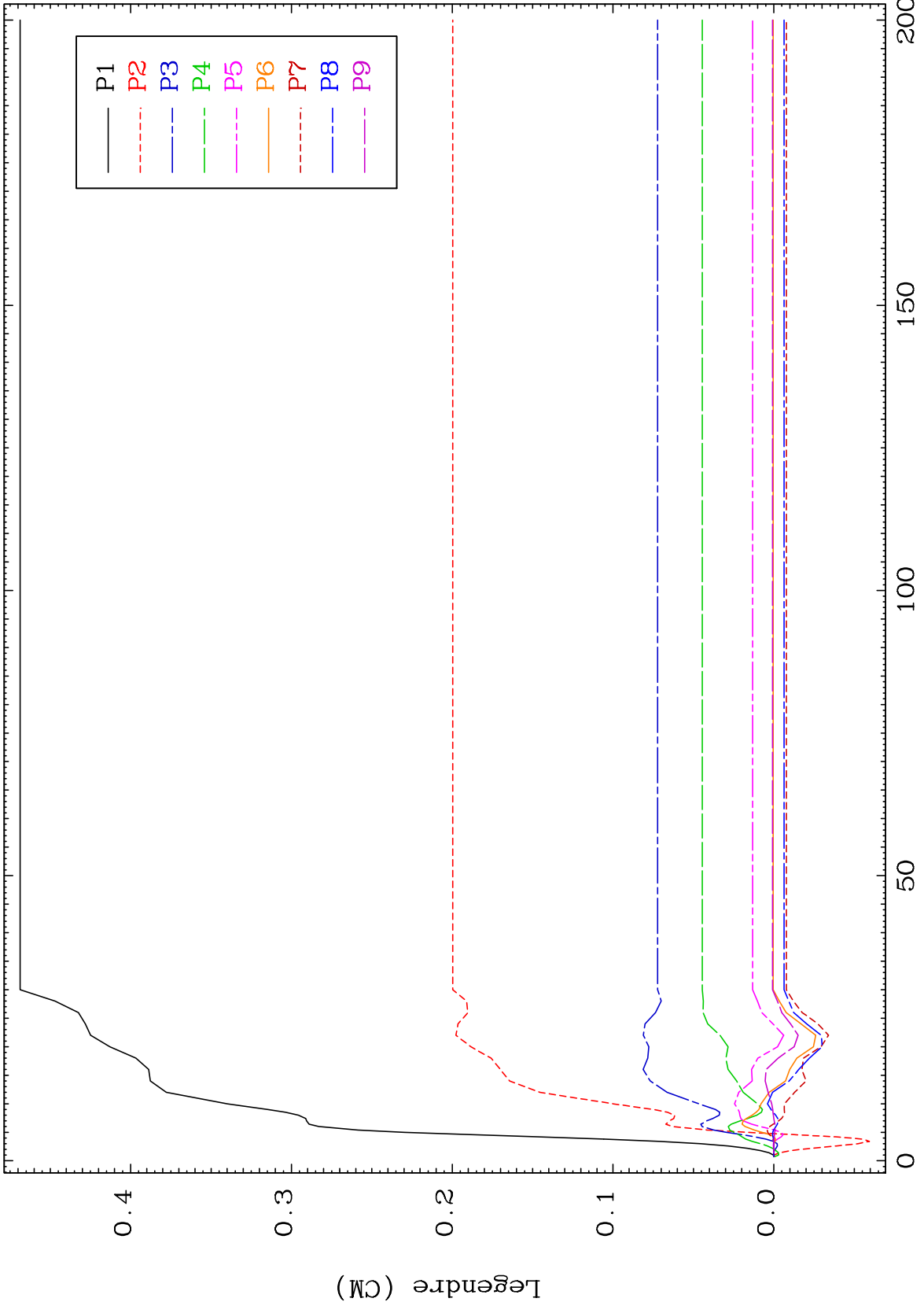


129

Incident Energy (MeV)

60-Nd-149

MAT 6046 MT= 79 (n,n') Level Legendre Coefficients 60-Nd-149

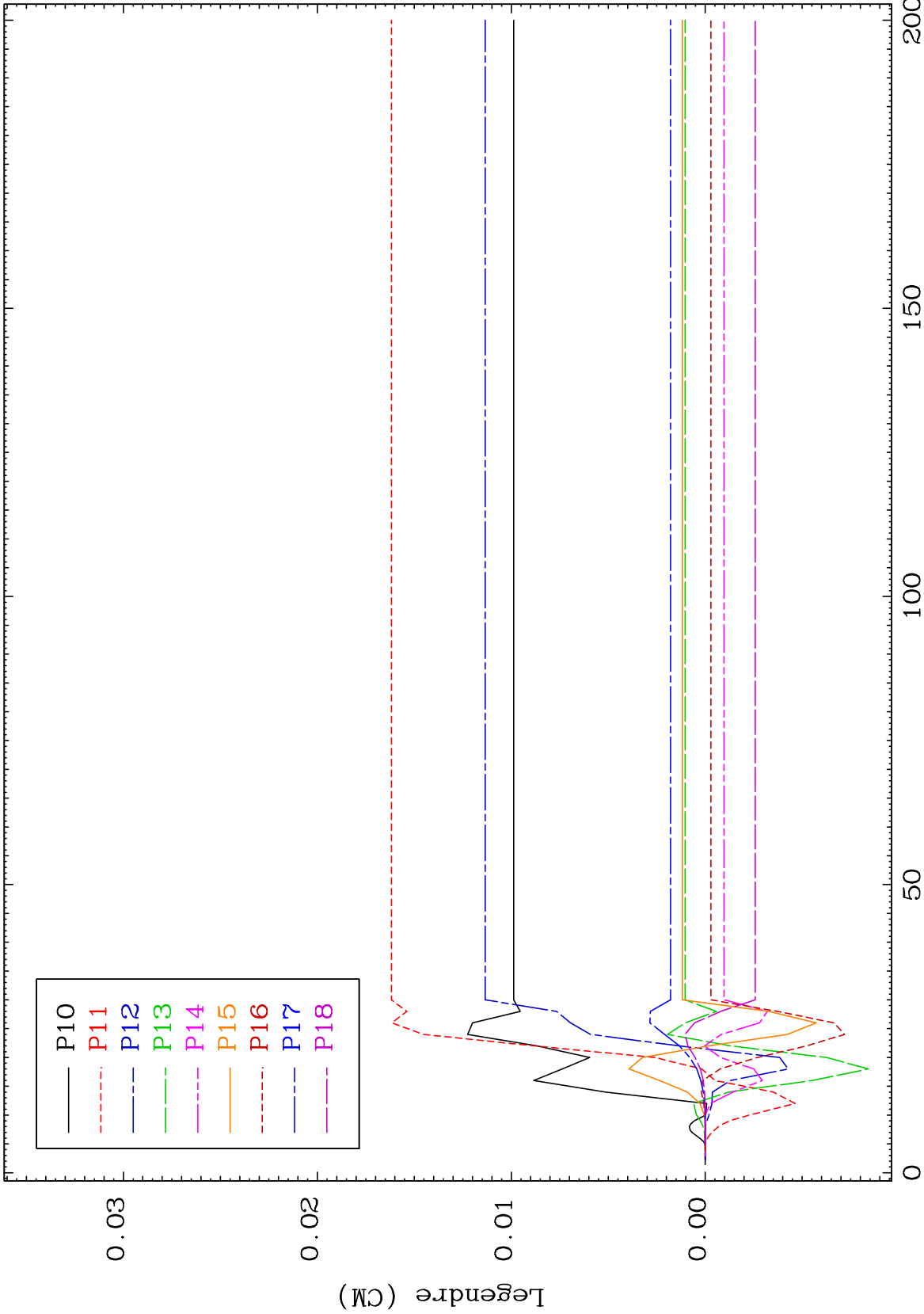


130 Incident Energy (MeV) 60-Nd-149

MAT 6046

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

60-Nd-149



131

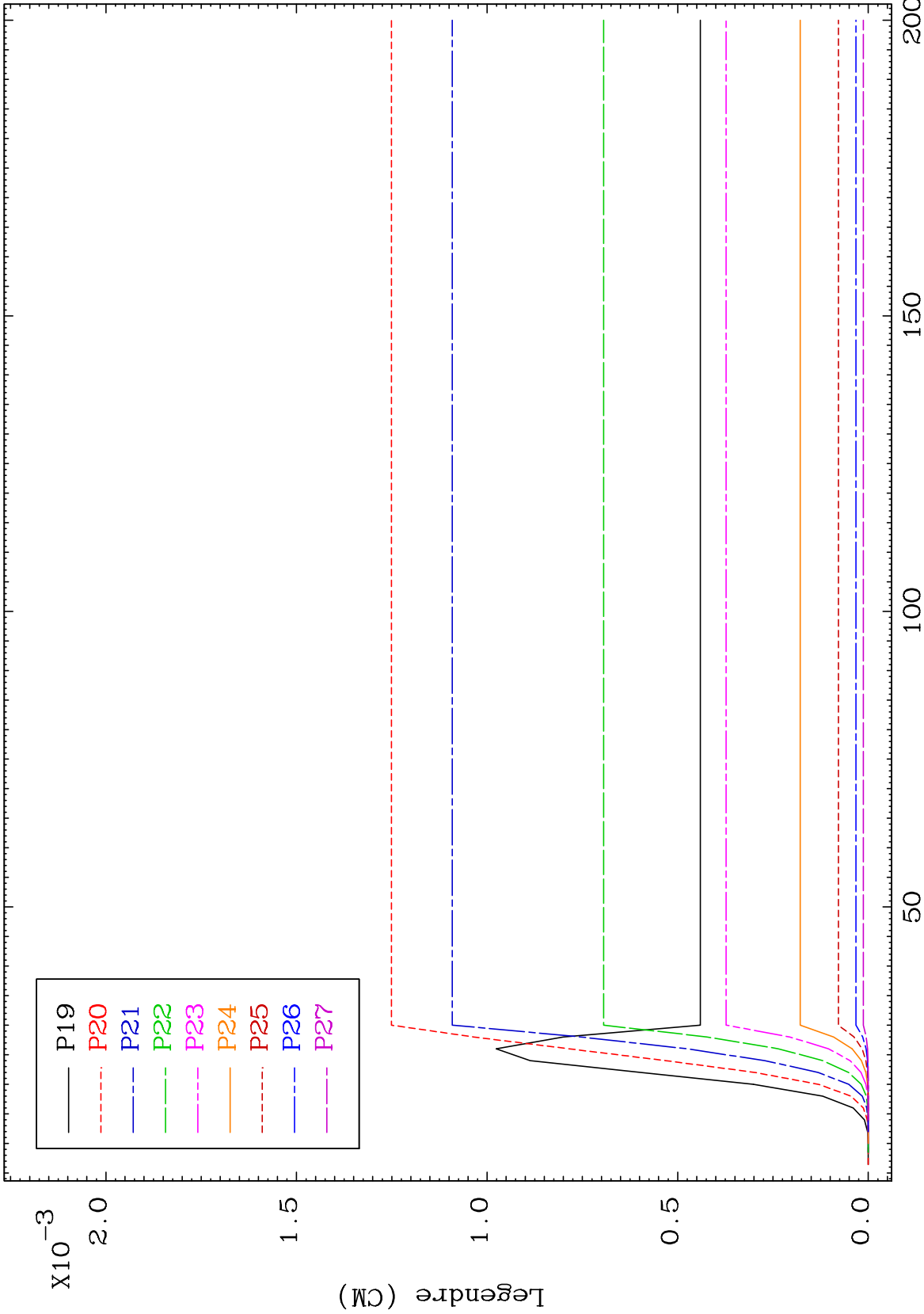
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



132

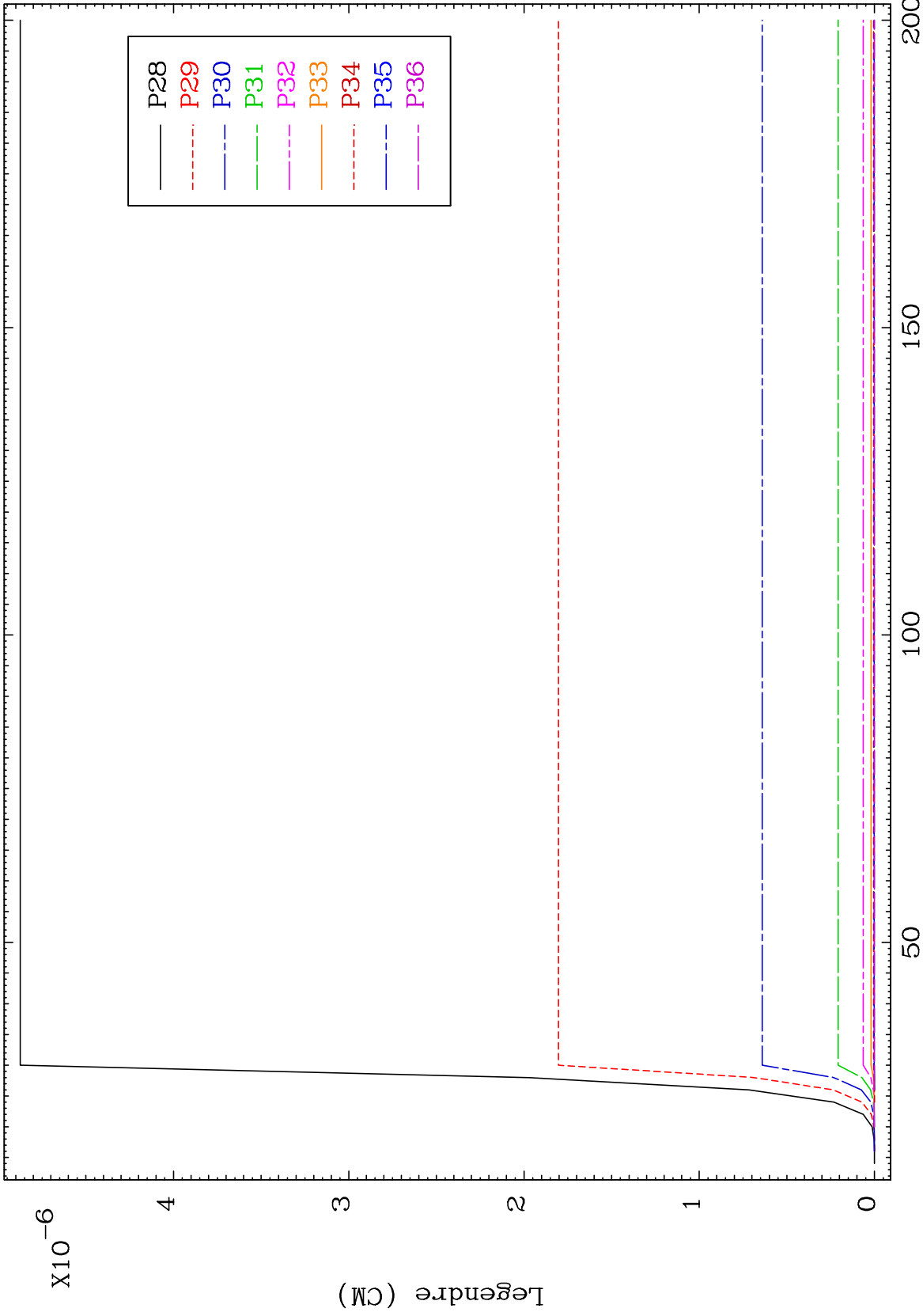
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

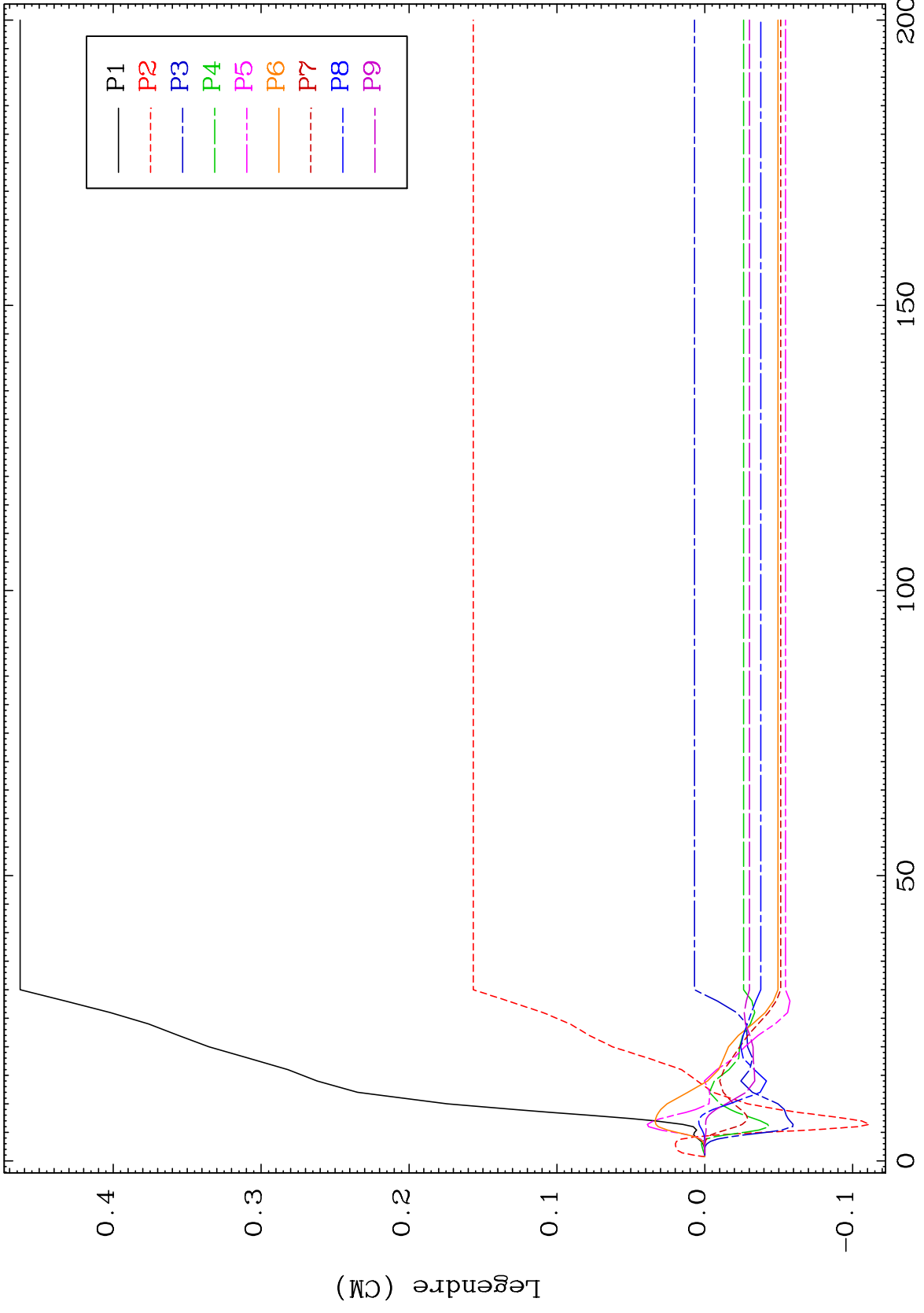
60-Nd-149



133

60-Nd-149

MAT 6046 MT= 80 (n,n') Level Legendre Coefficients 60-Nd-149

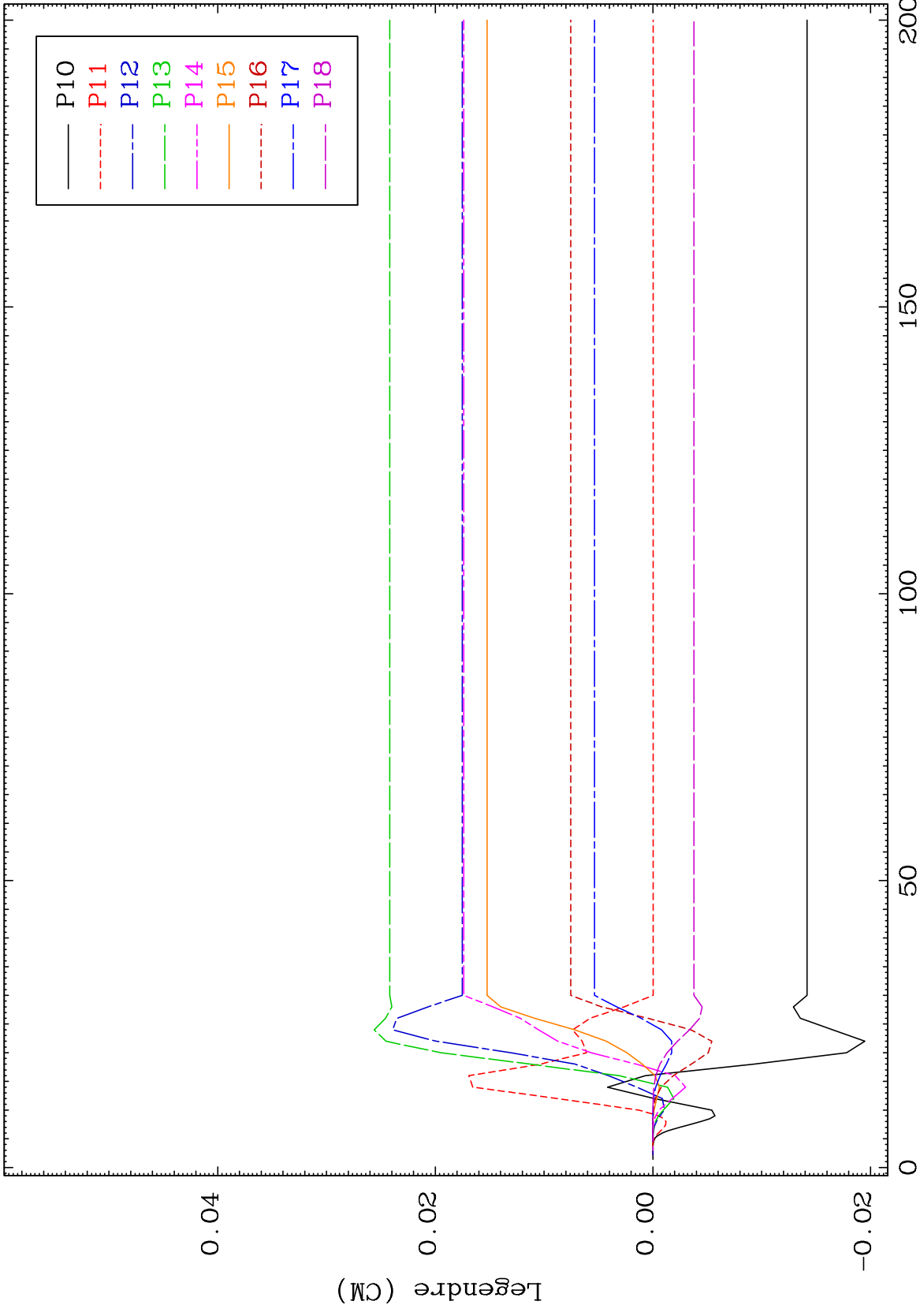


134 Incident Energy (MeV) 60-Nd-149

MAT 6046

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

60-Nd-149



135

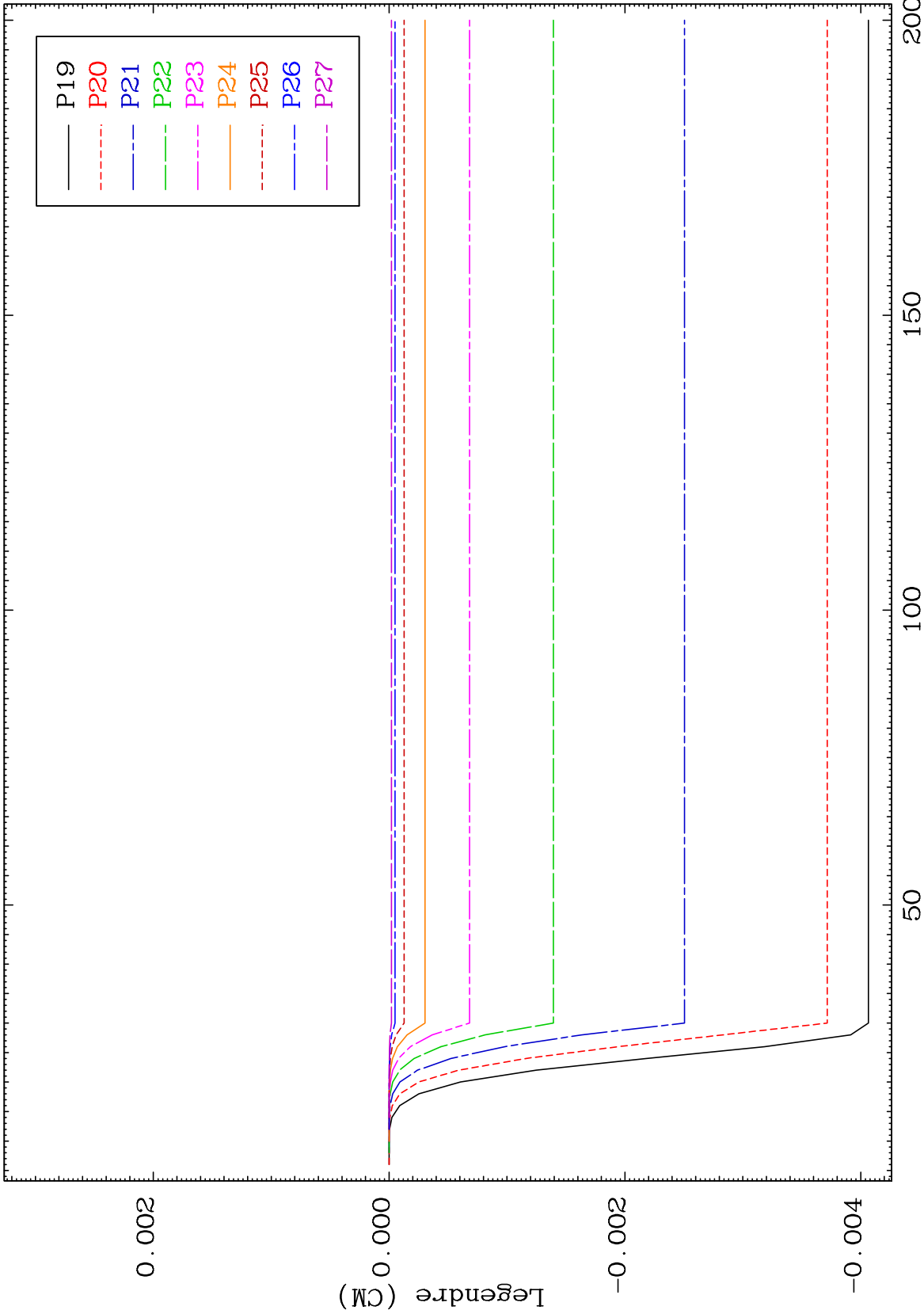
Incident Energy (MeV)

60-Nd-149

MAT 6046

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

60-Nd-149



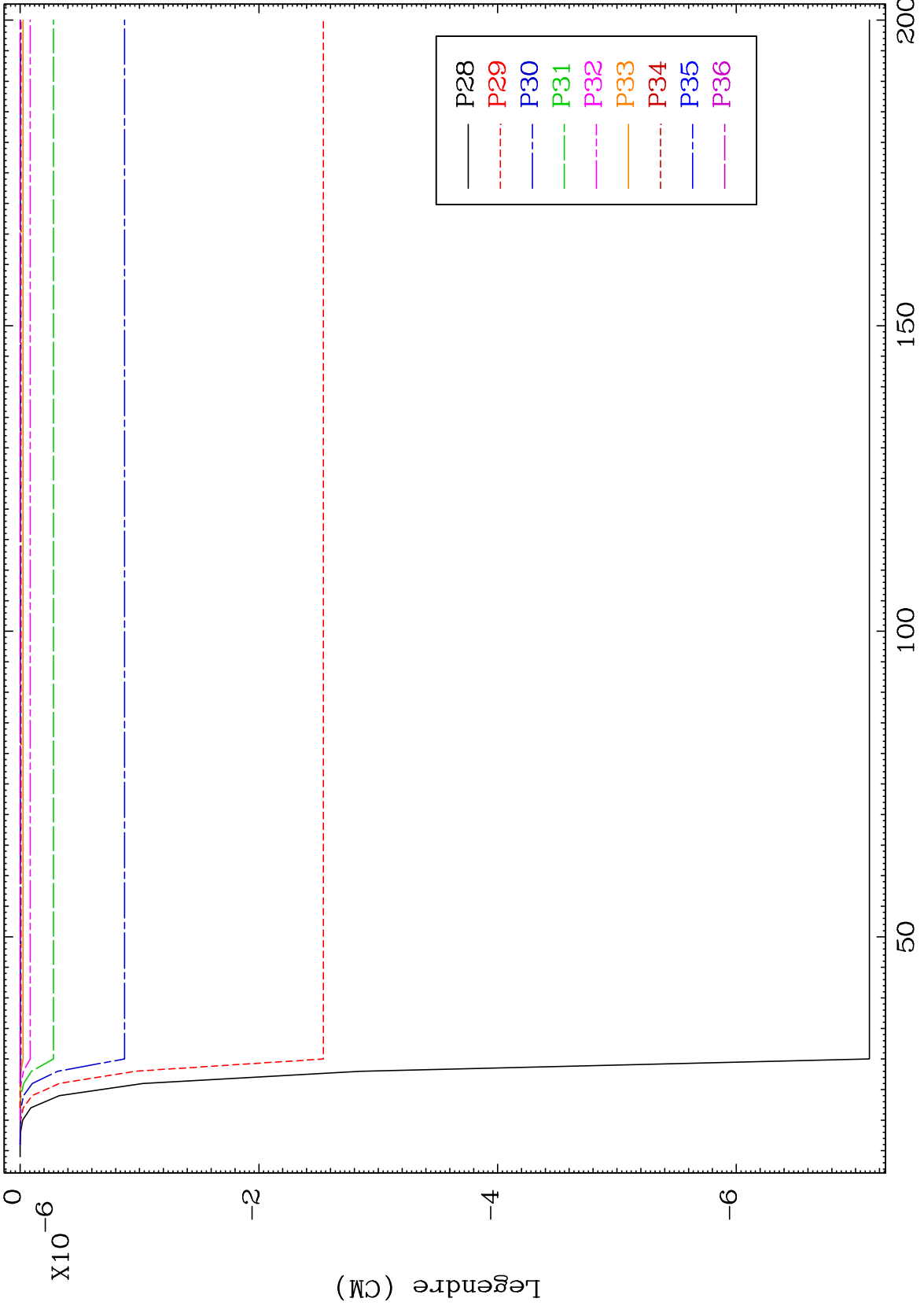
136

Incident Energy (MeV)

60-Nd-149

MAT 6046 MT= 80 (n,n') Level 60-Nd-149

Legendre Coefficients



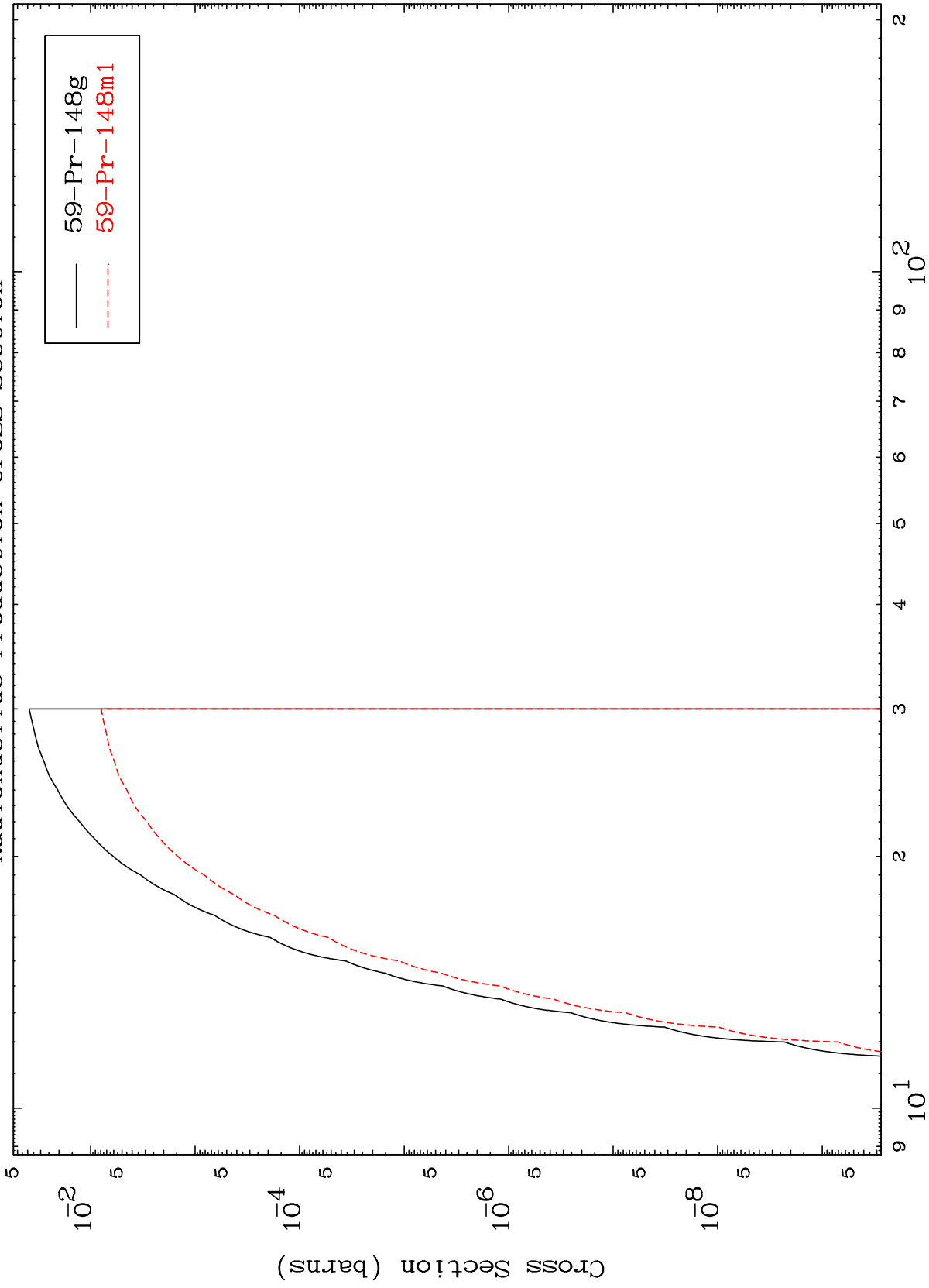
137 60-Nd-149

MAT 6046

(n,n') p

60-Nd-149

Radionuclide Production Cross Section



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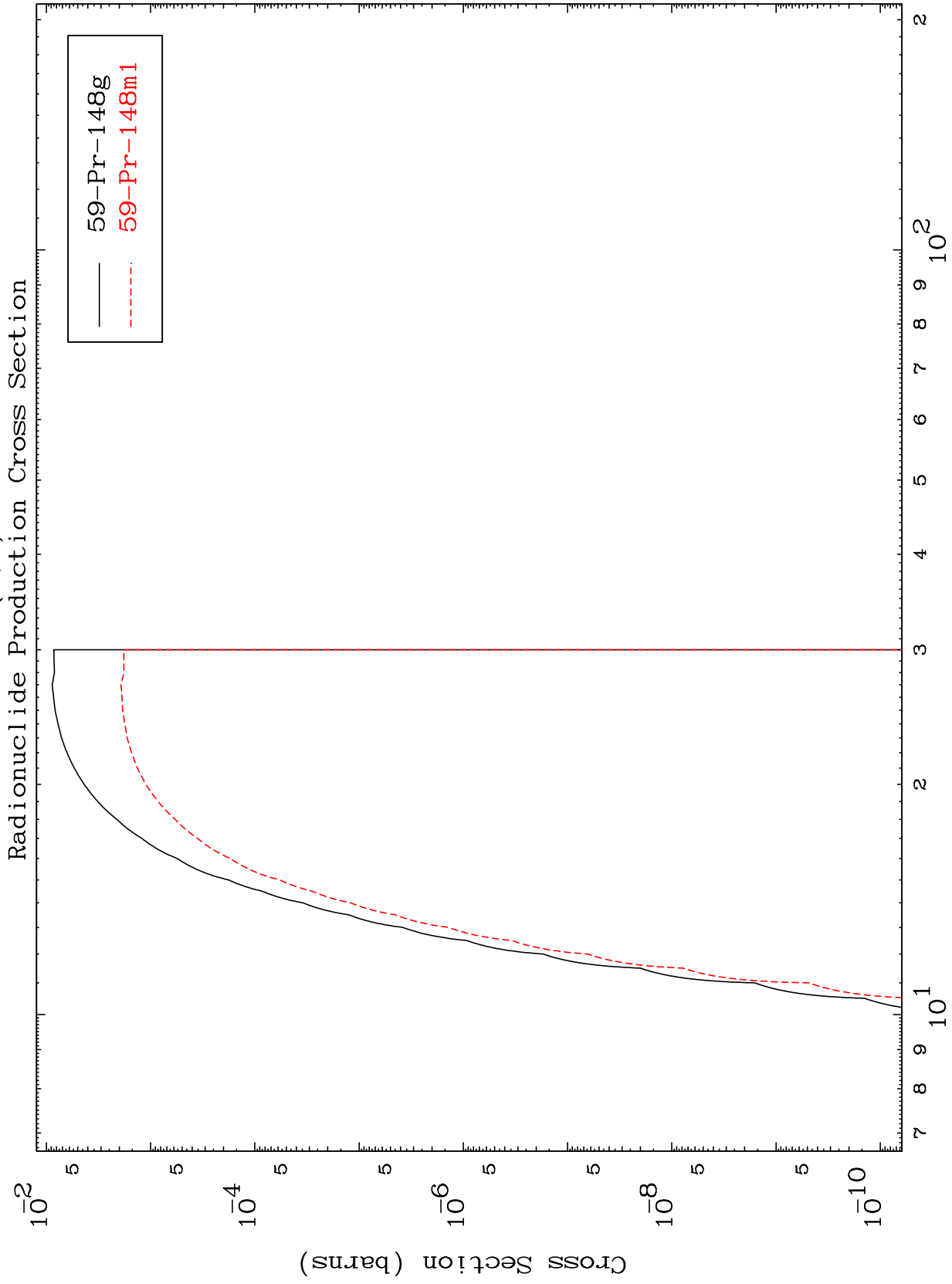
Incident Energy (MeV)

60-Nd-149

MAT 6046

(n,d)

60-Nd-149



60-Nd-149

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