

Program EVALPLOT  
(Version 2018-1)

by

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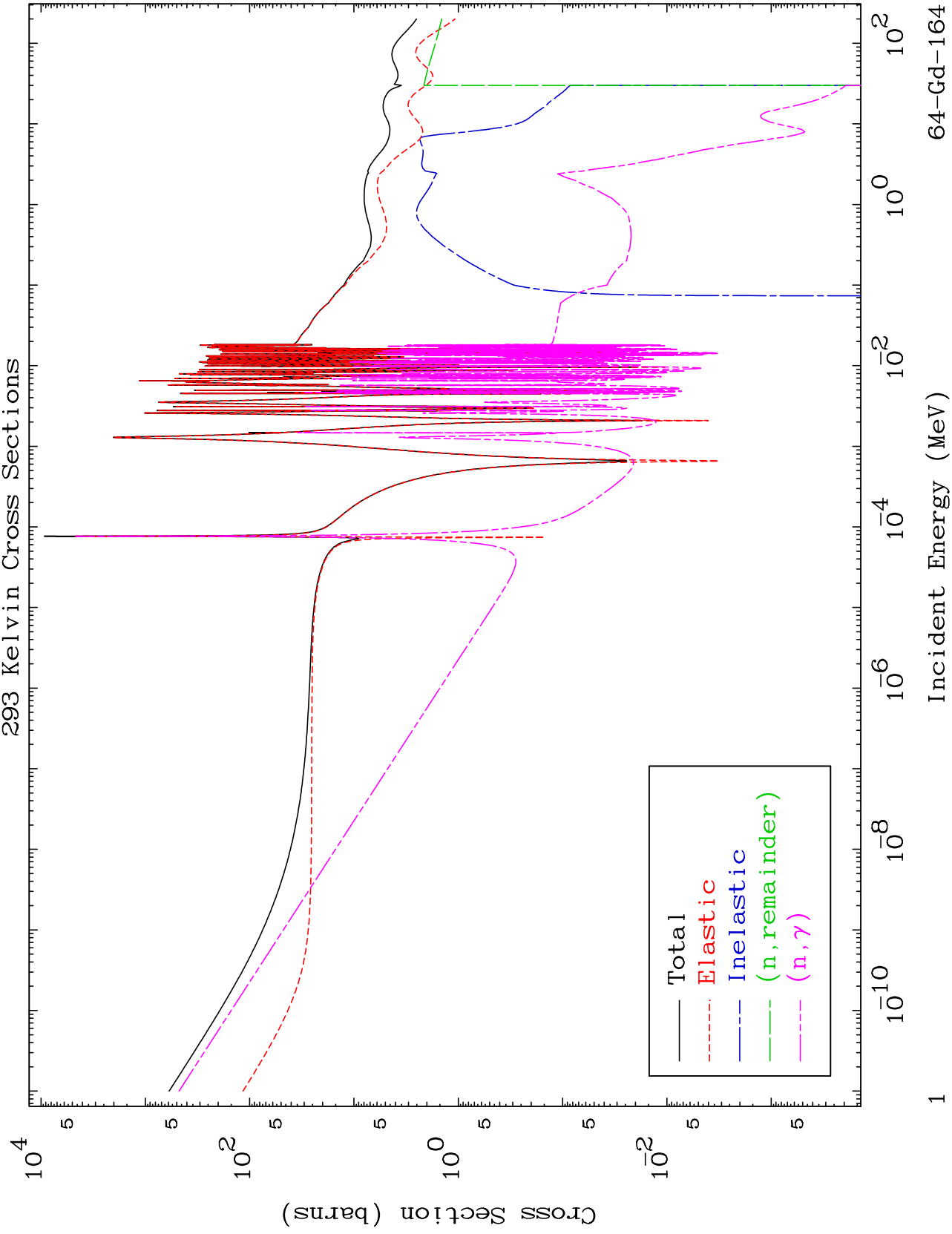
Press Mouse Button to Start

MAT 6461

Major

293 Kelvin Cross Sections

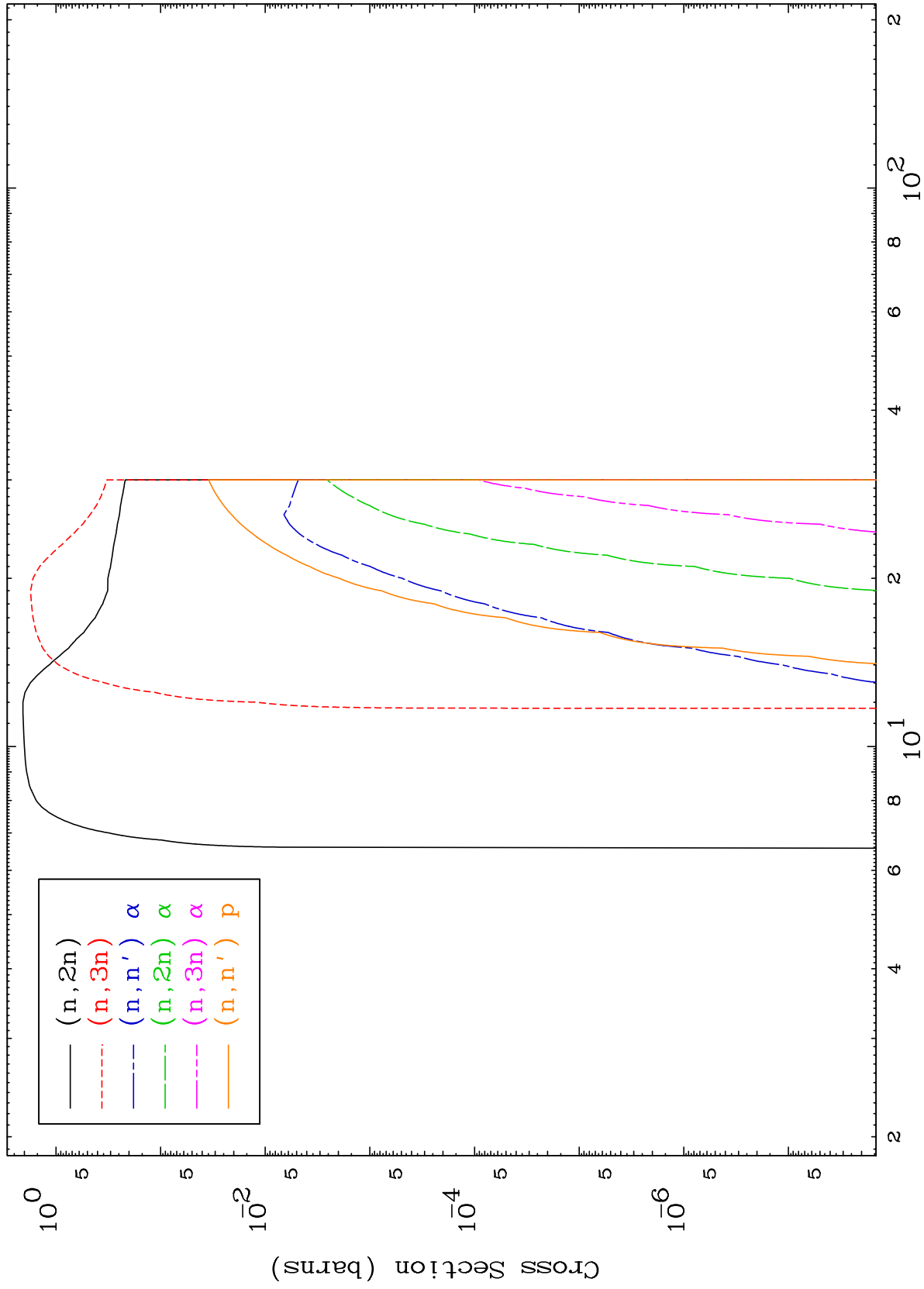
64-Gd-164



MAT 6461

Neutron Production  
293 Kelvin Cross Sections

64-Gd-164



2

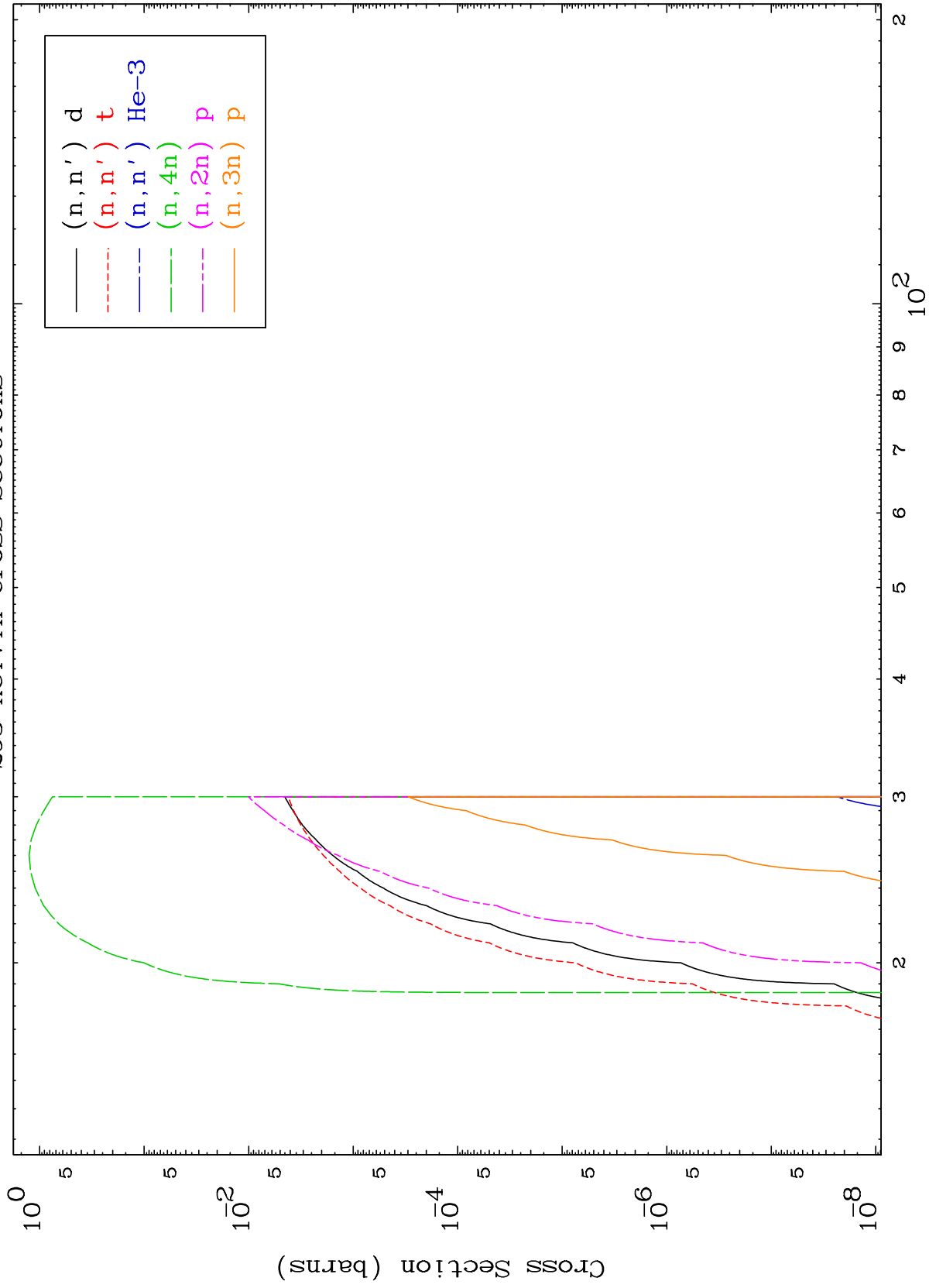
Incident Energy (MeV)

64-Gd-164

MAT 6461

### Neutron Production 293 Kelvin Cross Sections

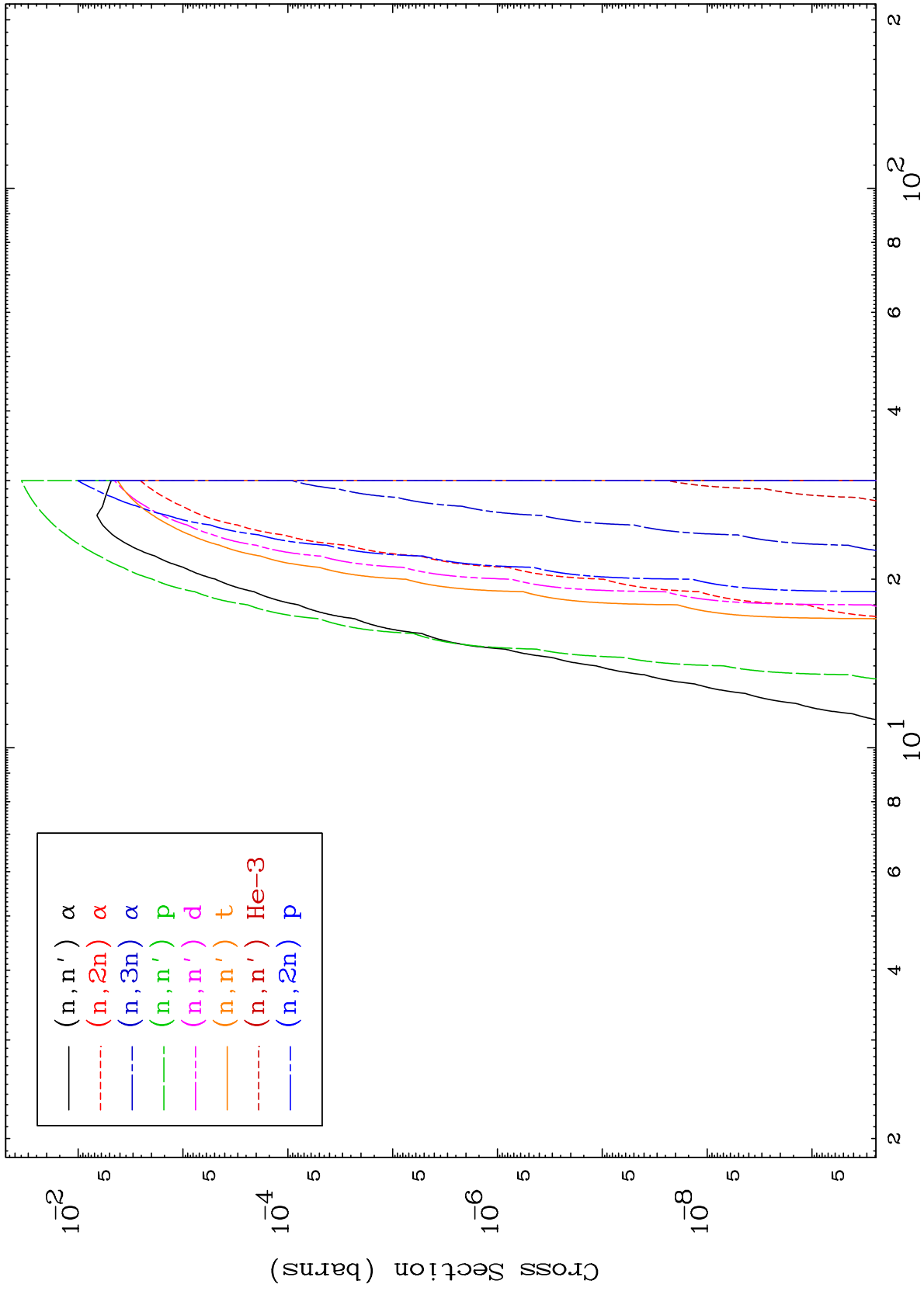
64-Gd-164



3

Incident Energy (MeV)

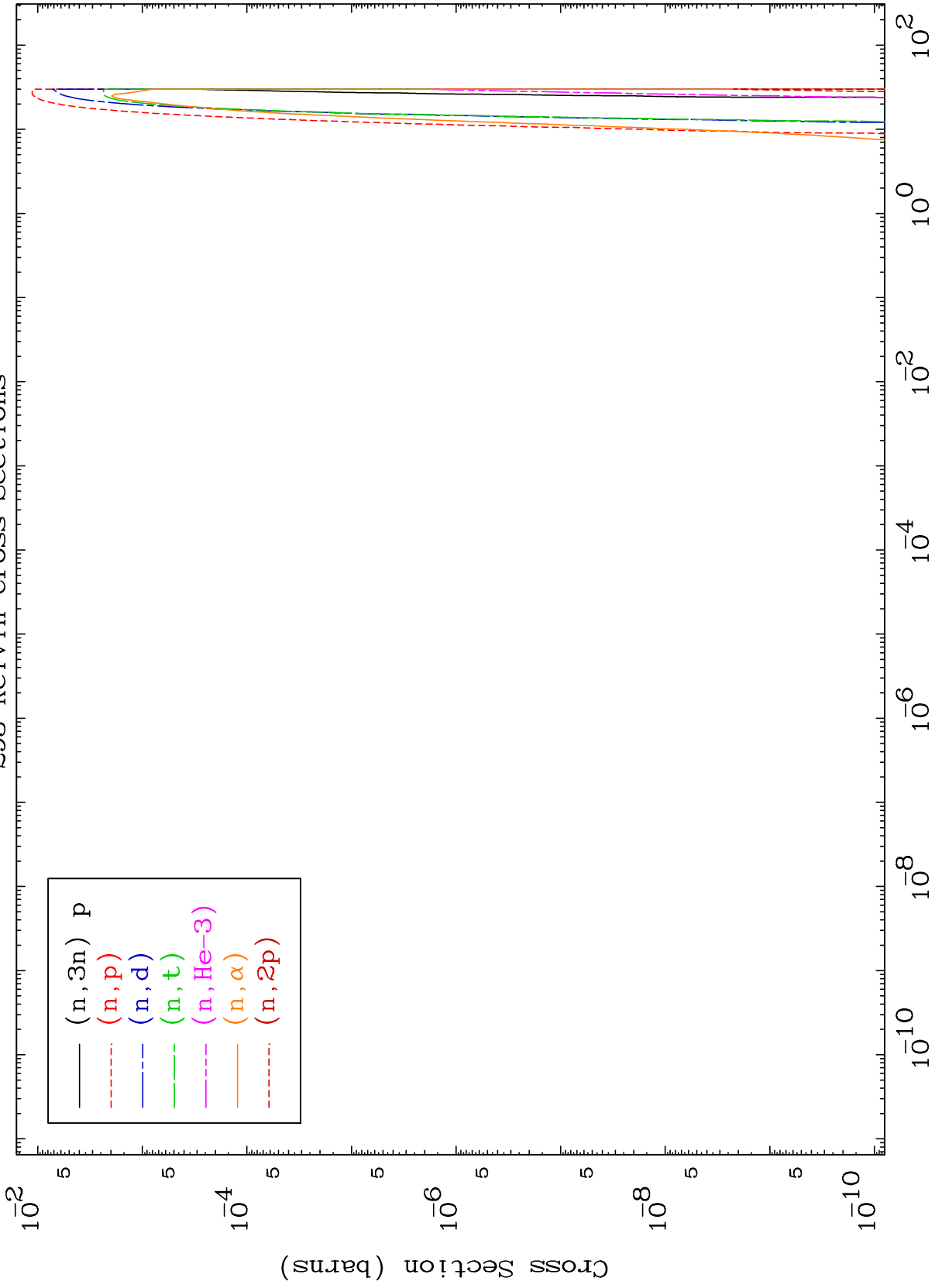
64-Gd-164



MAT 6461

293 Kelvin Cross Sections

64-Gd-164



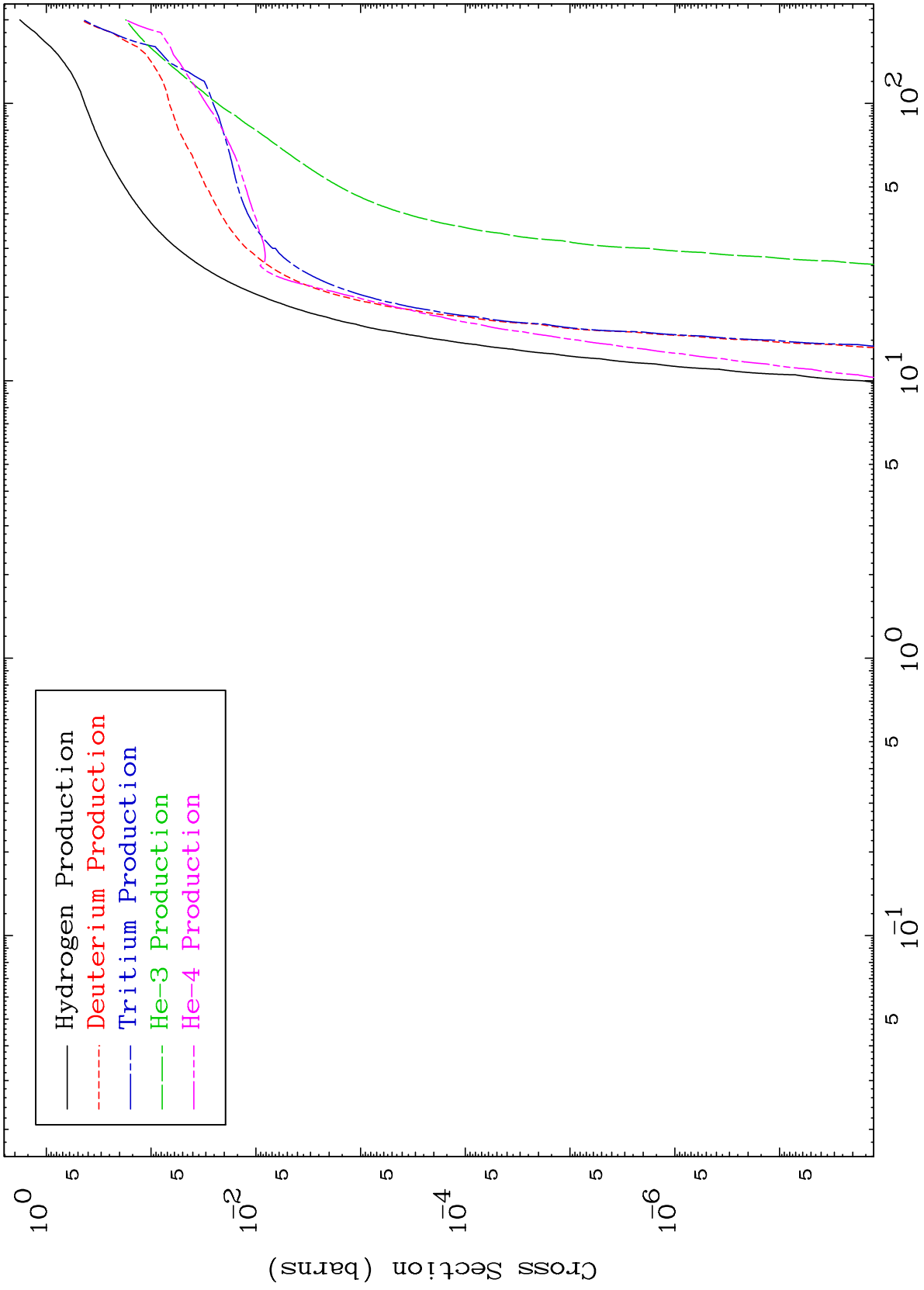
5

64-Gd-164

MAT 6461

Particle Production  
293 Kelvin Cross Sections

64-Gd-164



6

Incident Energy (MeV)

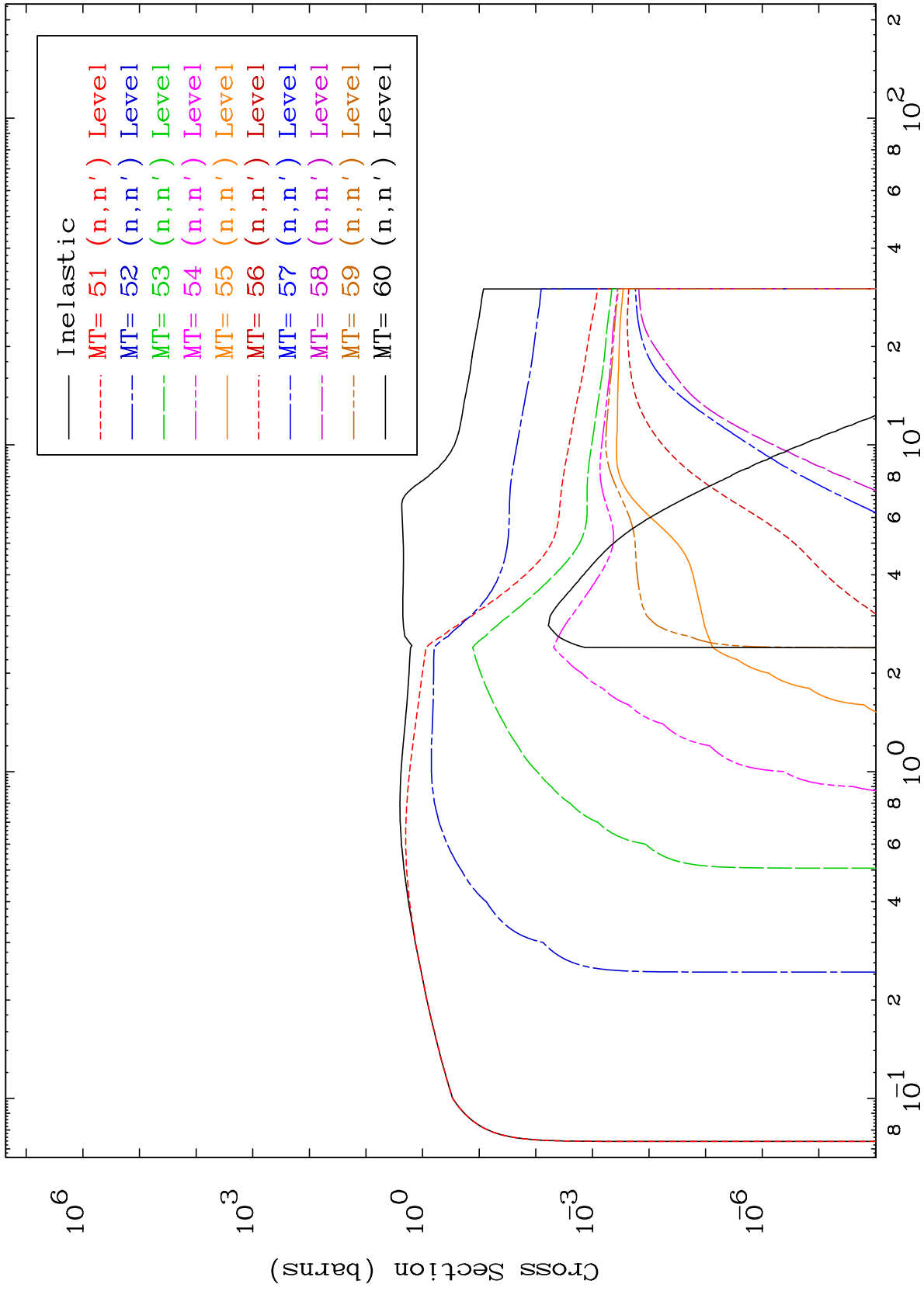
64-Gd-164

MAT 6461

(n,n') Level

64-Gd-164

293 Kelvin Cross Sections



7

Incident Energy (MeV)

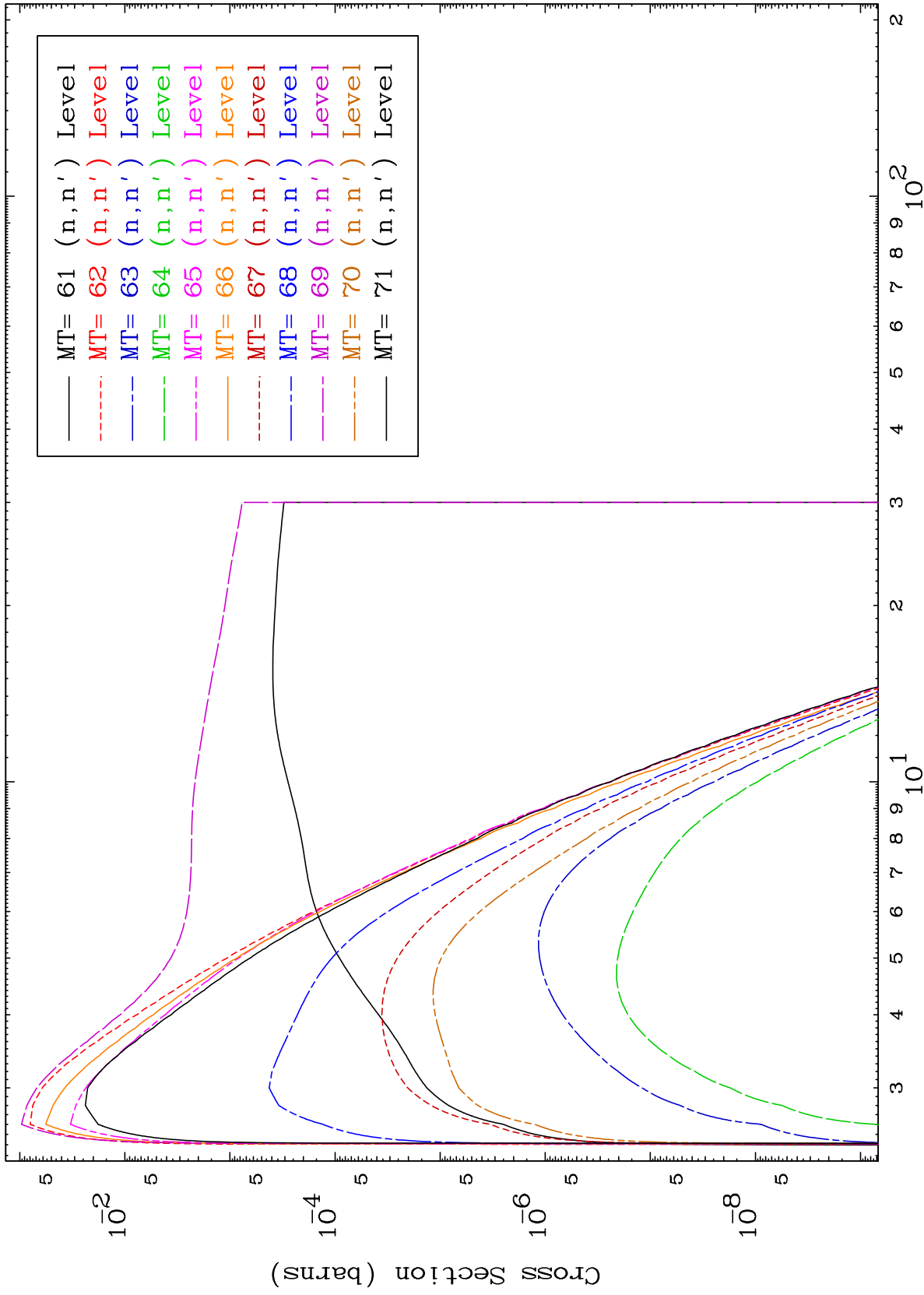
64-Gd-164



MAT 6461

(n,n') Level  
293 Kelvin Cross Sections

64-Gd-164



8

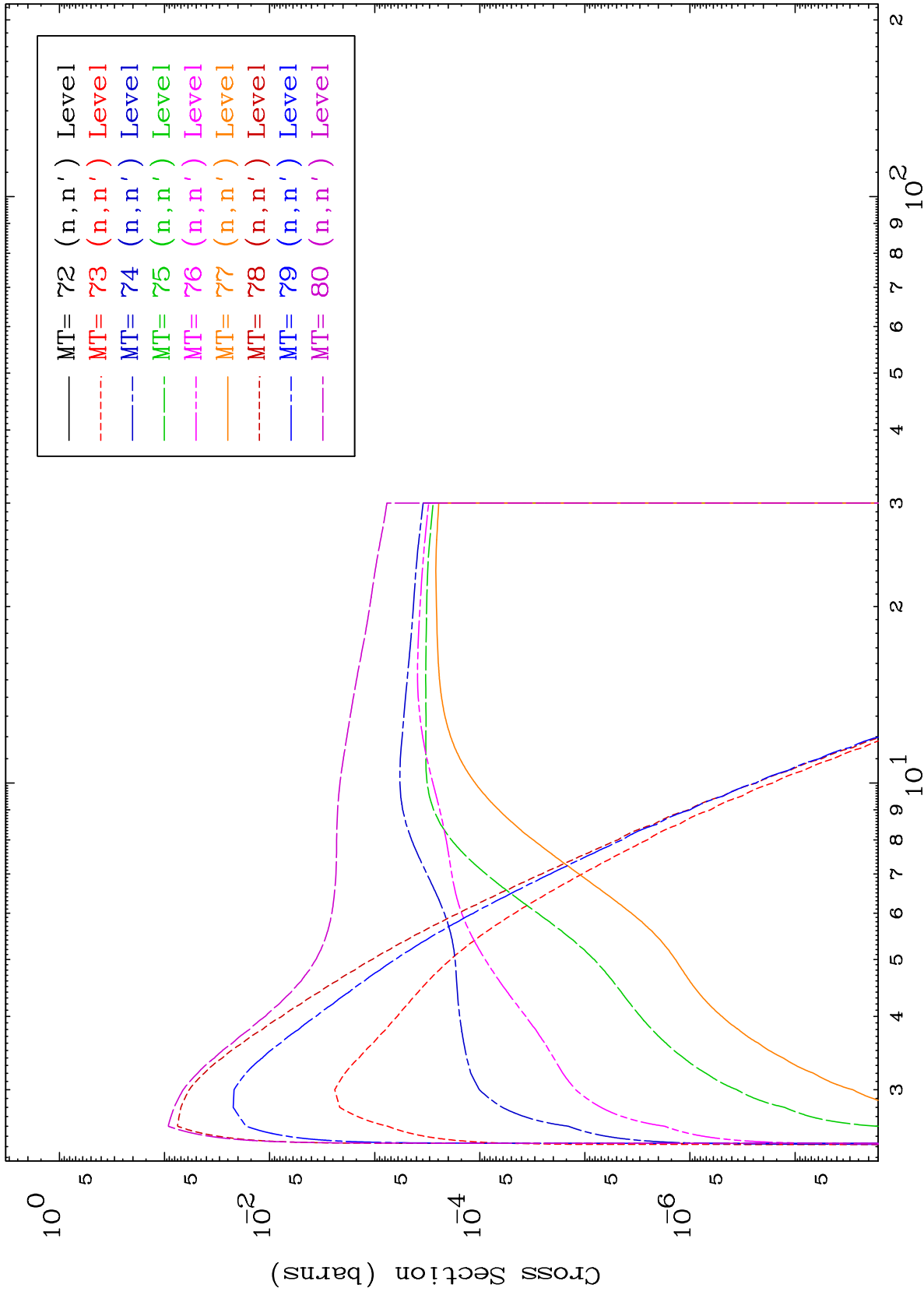
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,n') Level  
293 Kelvin Cross Sections

64-Gd-164



9

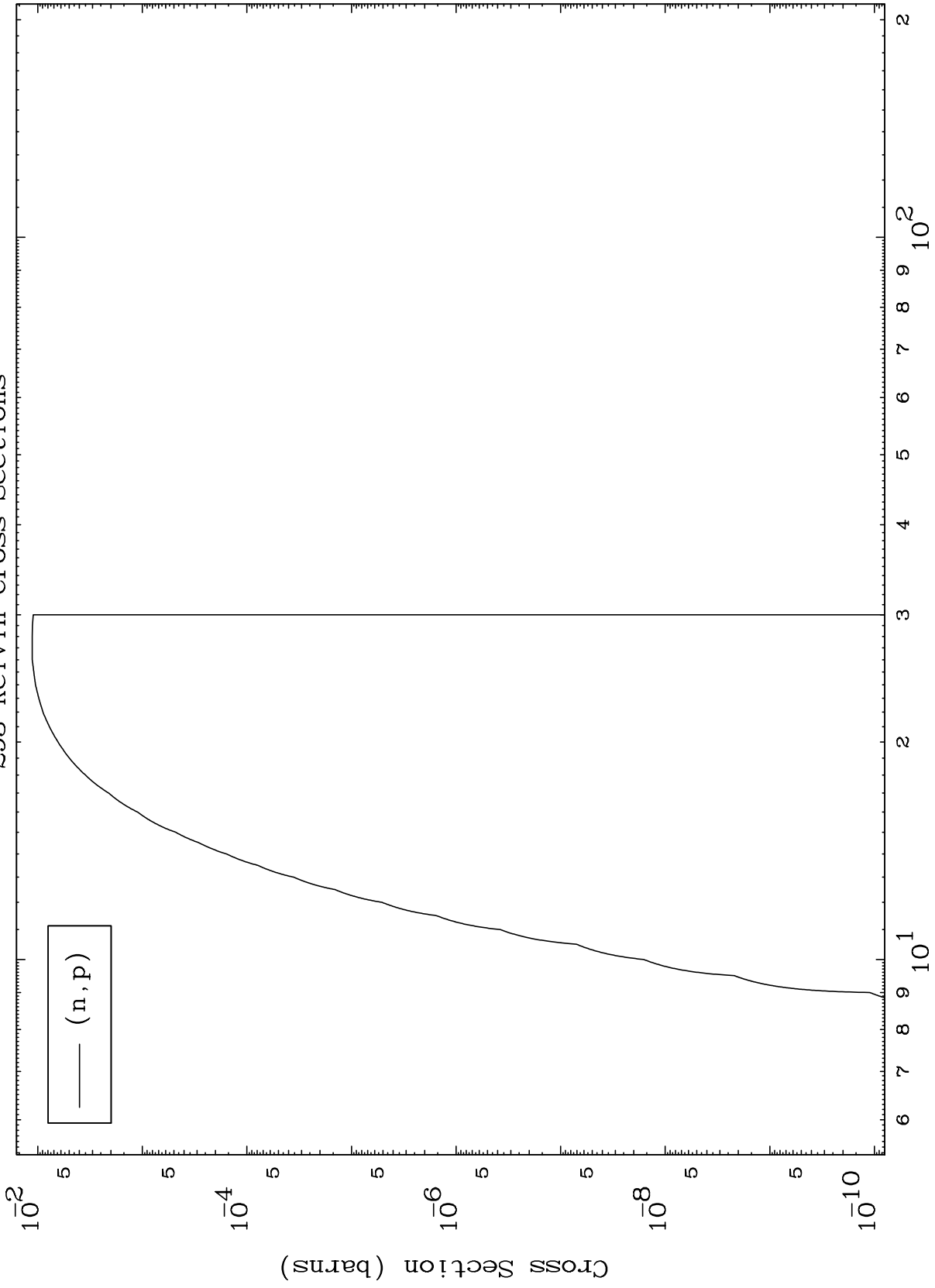
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,p) Levels  
293 Kelvin Cross Sections

64-Gd-164



10

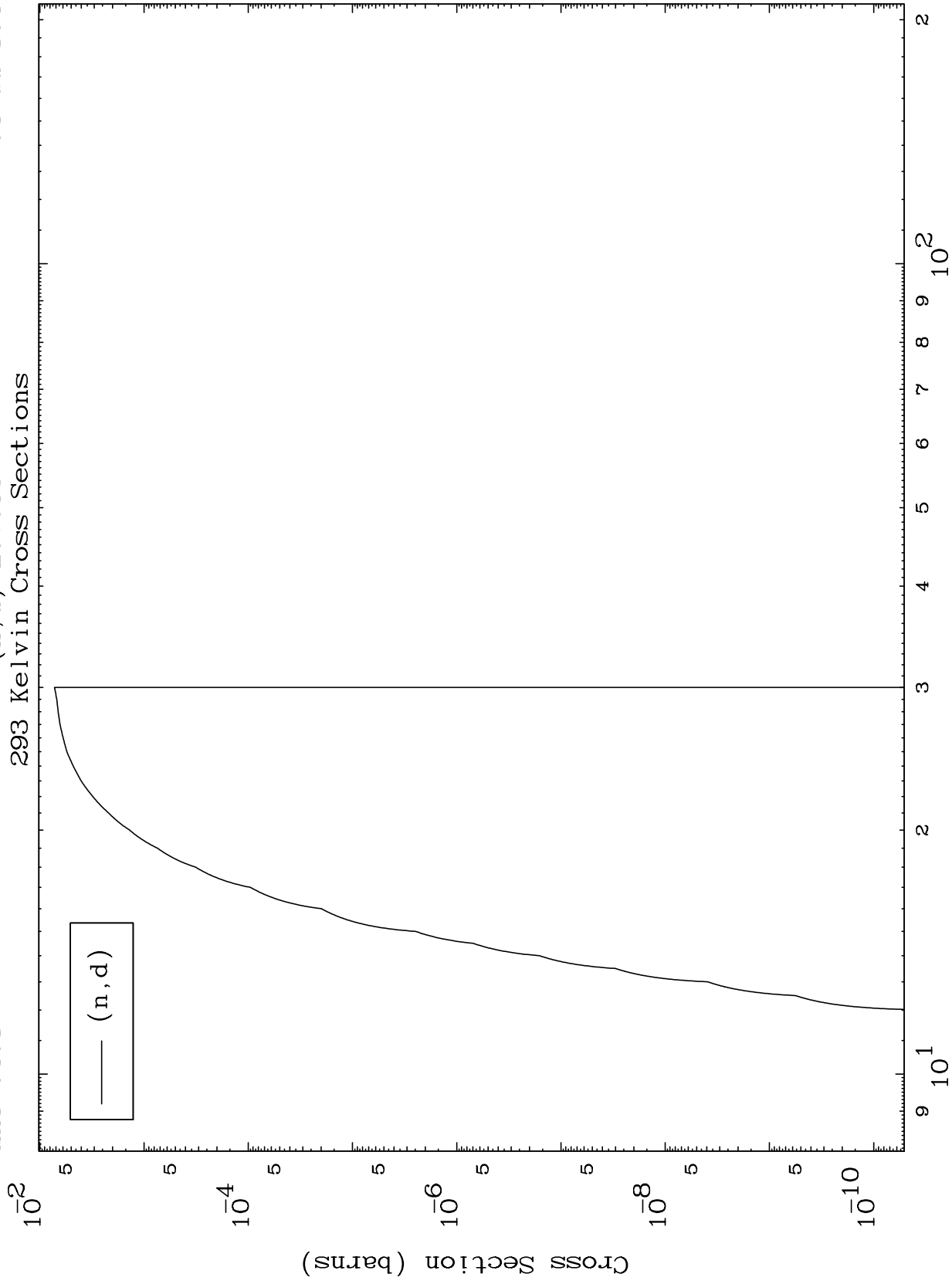
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,d) Levels  
293 Kelvin Cross Sections

64-Gd-164



11

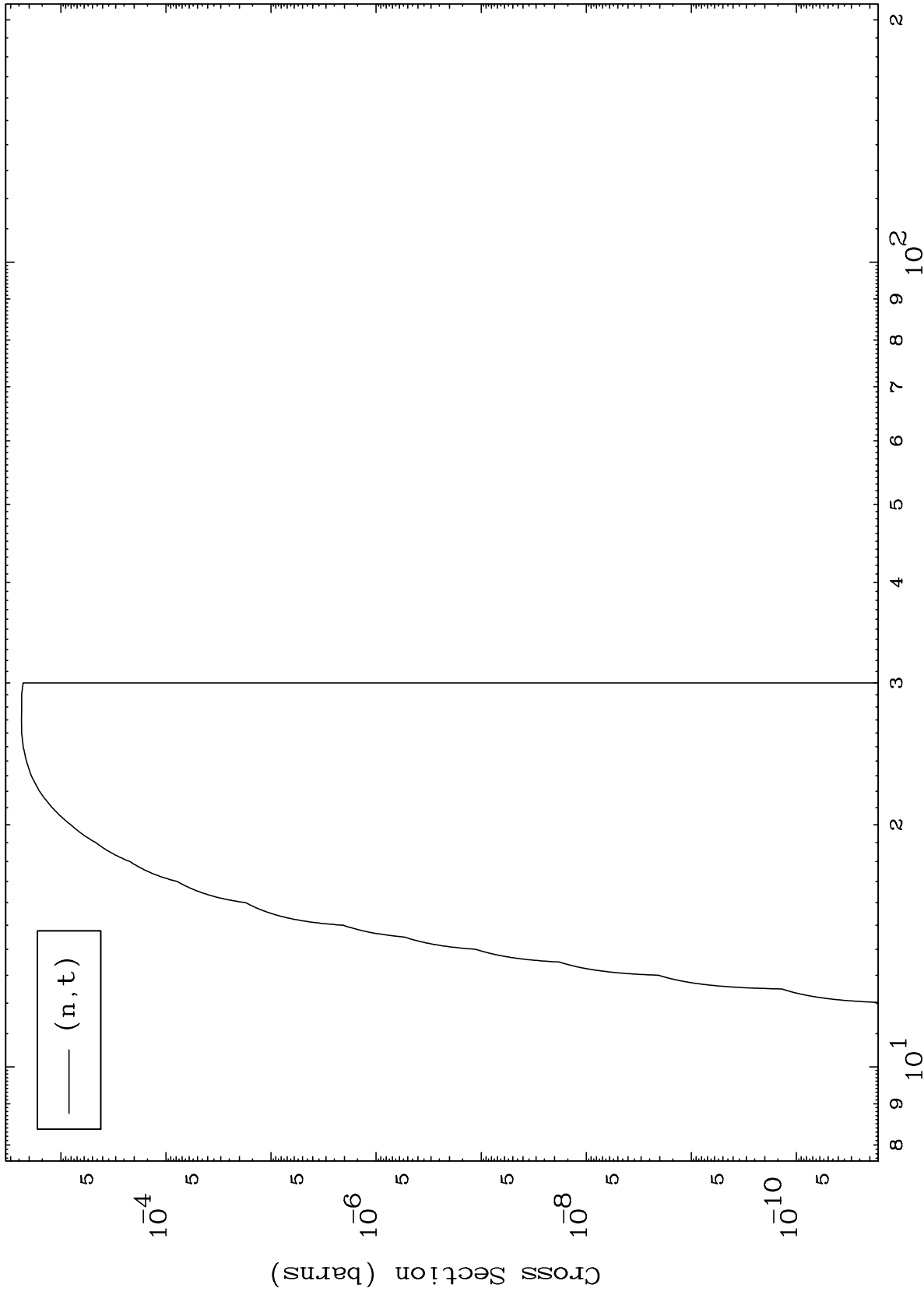
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,t) Levels  
293 Kelvin Cross Sections

64-Gd-164



12

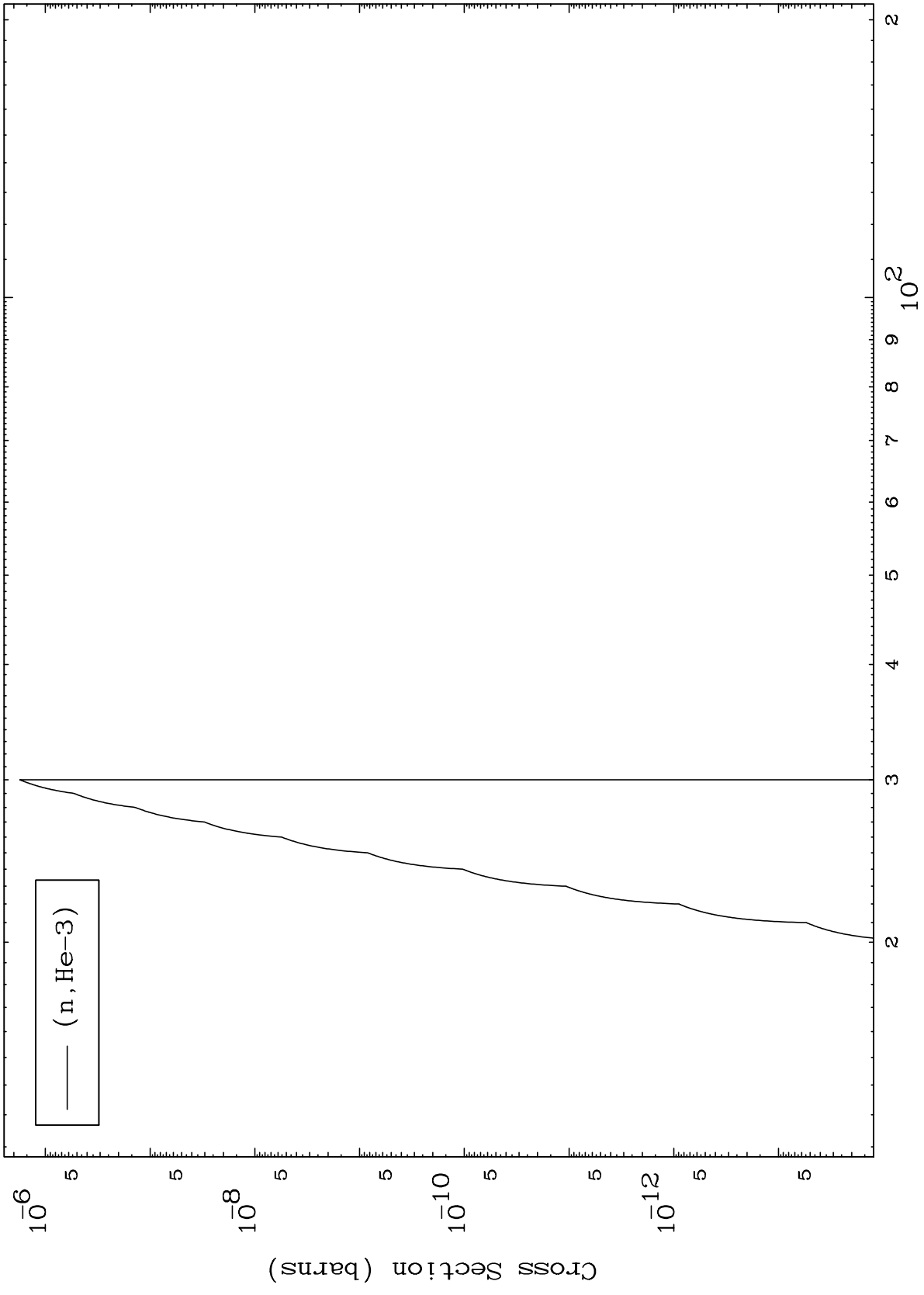
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,He3) Levels  
293 Kelvin Cross Sections

64-Gd-164



13

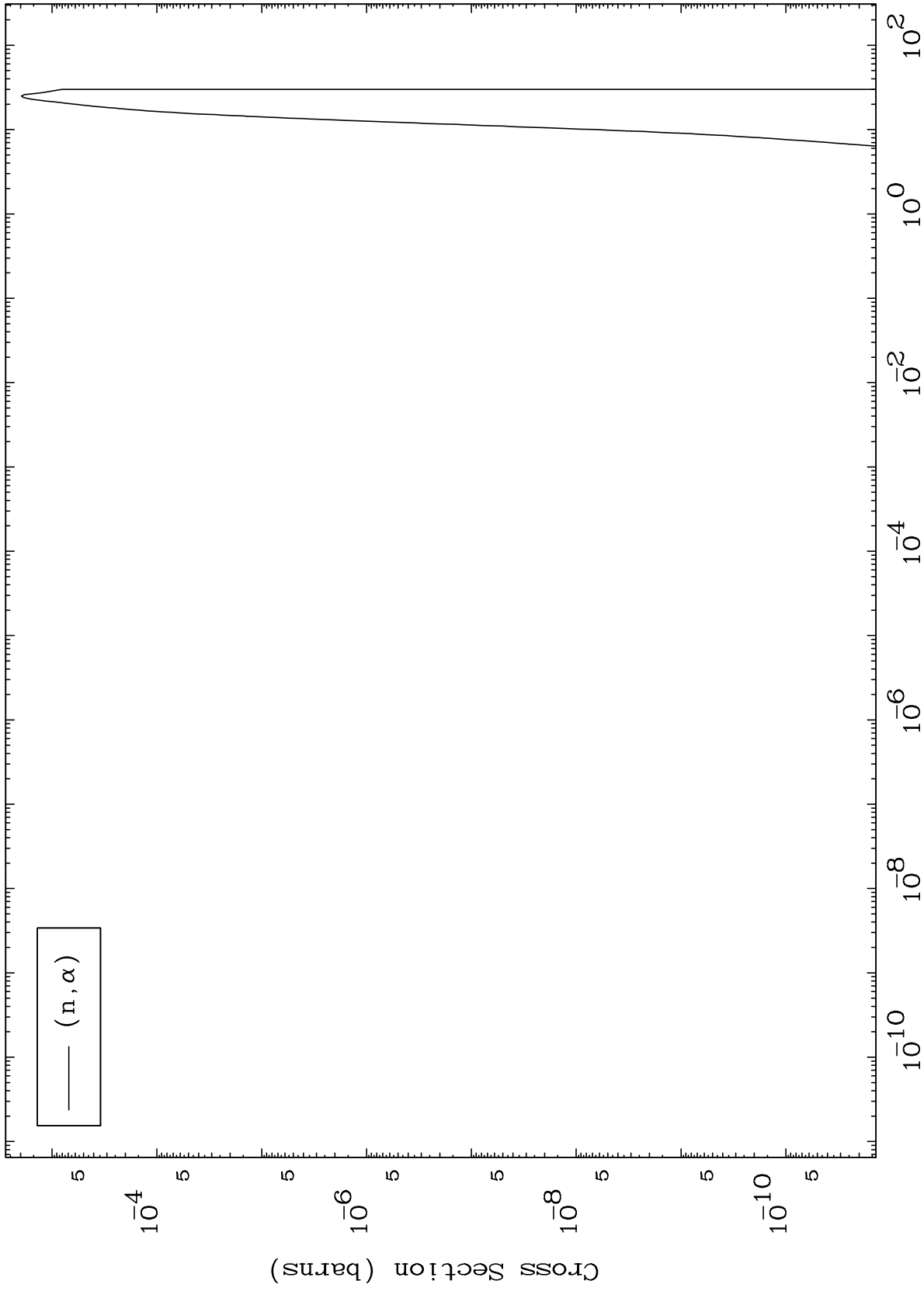
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,α) Levels  
293 Kelvin Cross Sections

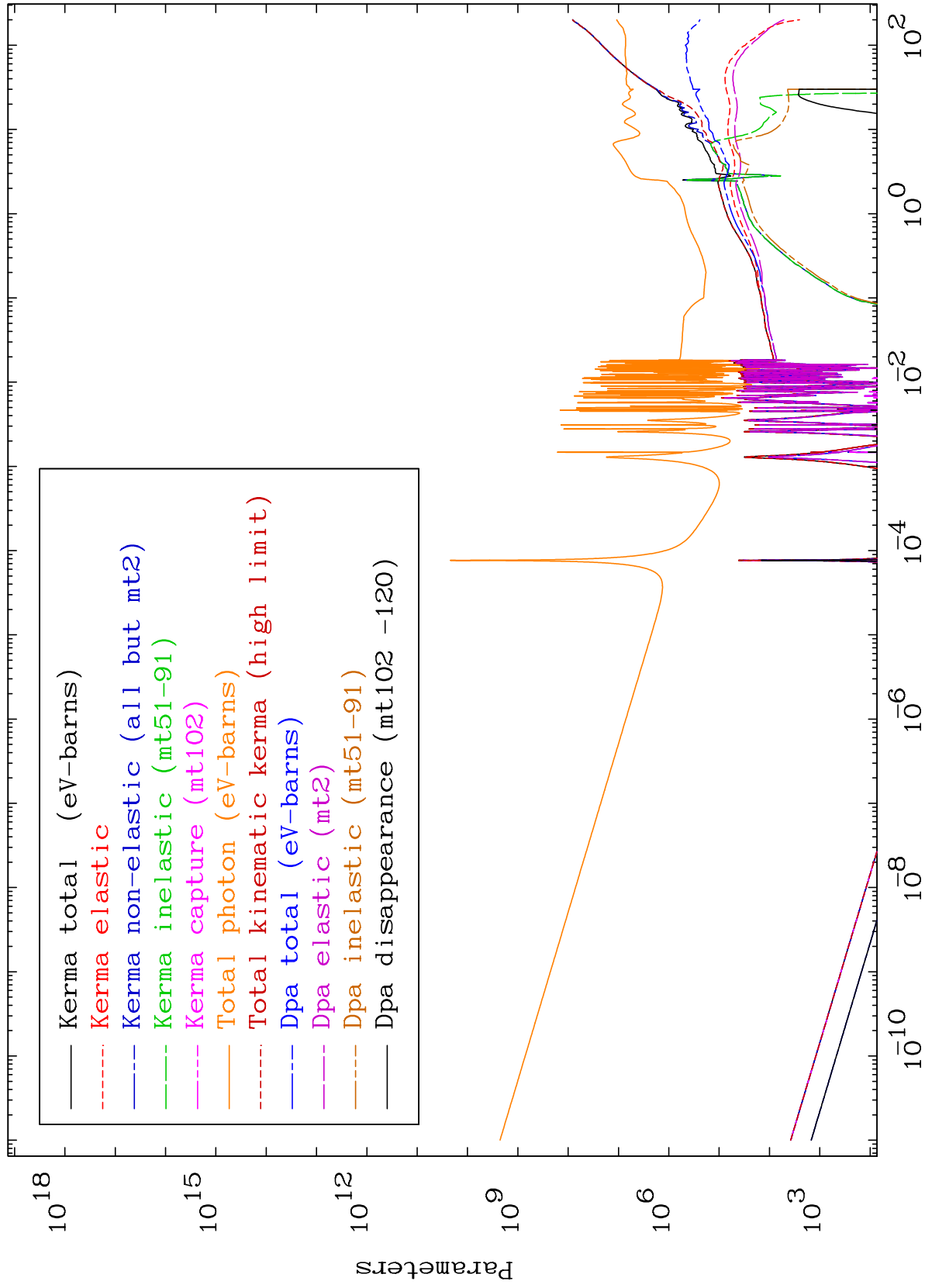
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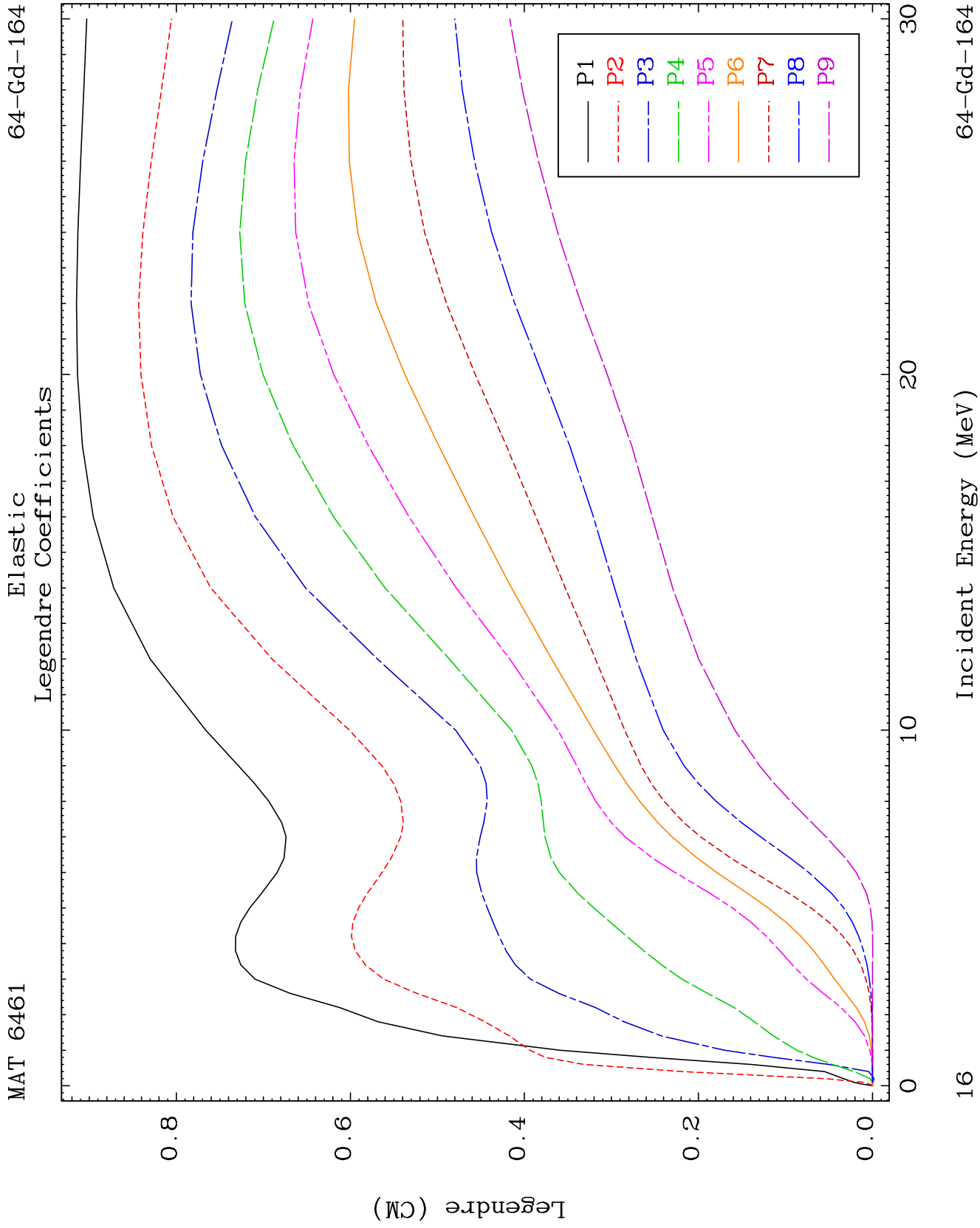
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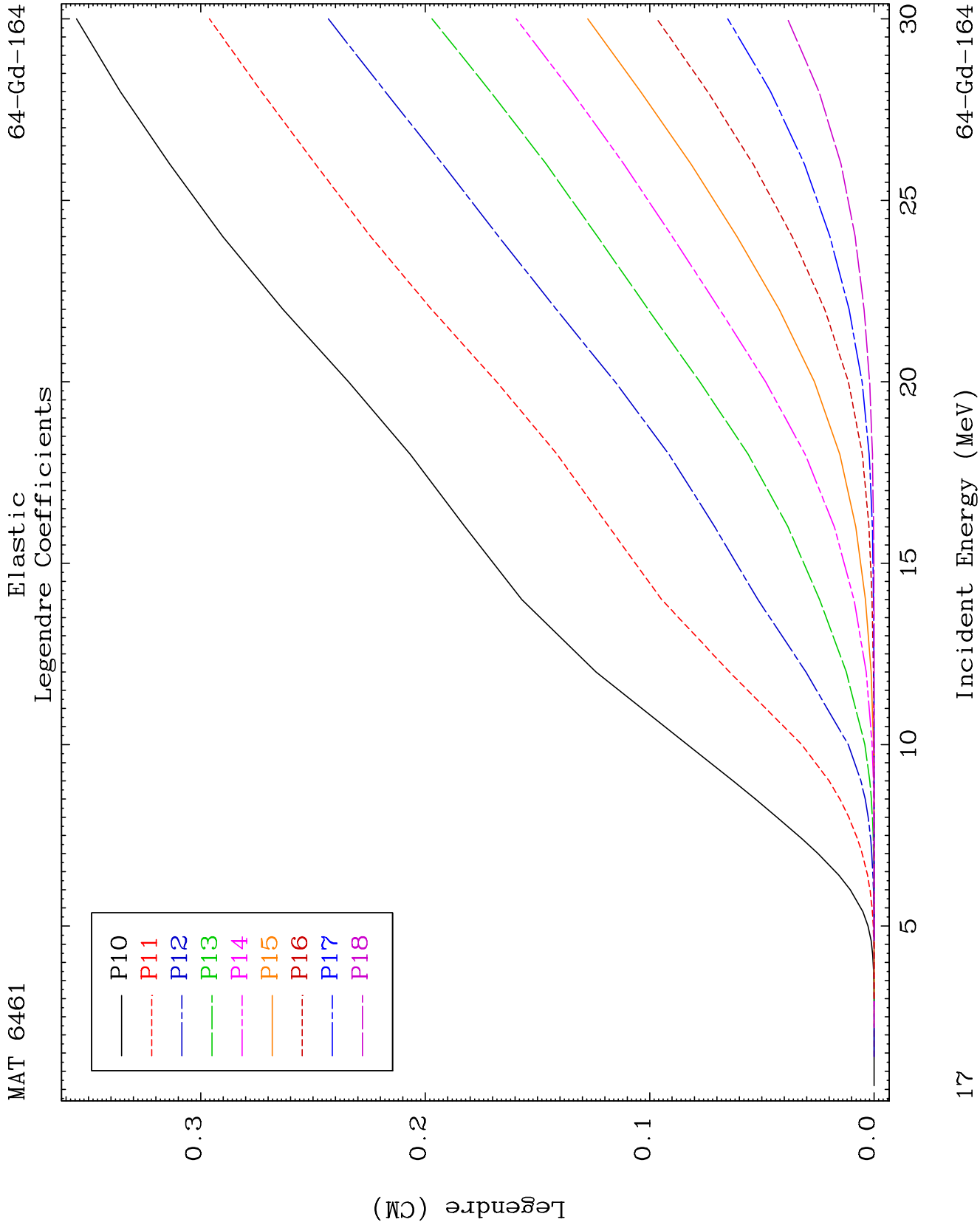
Incident Energy (MeV)

64-Gd-164





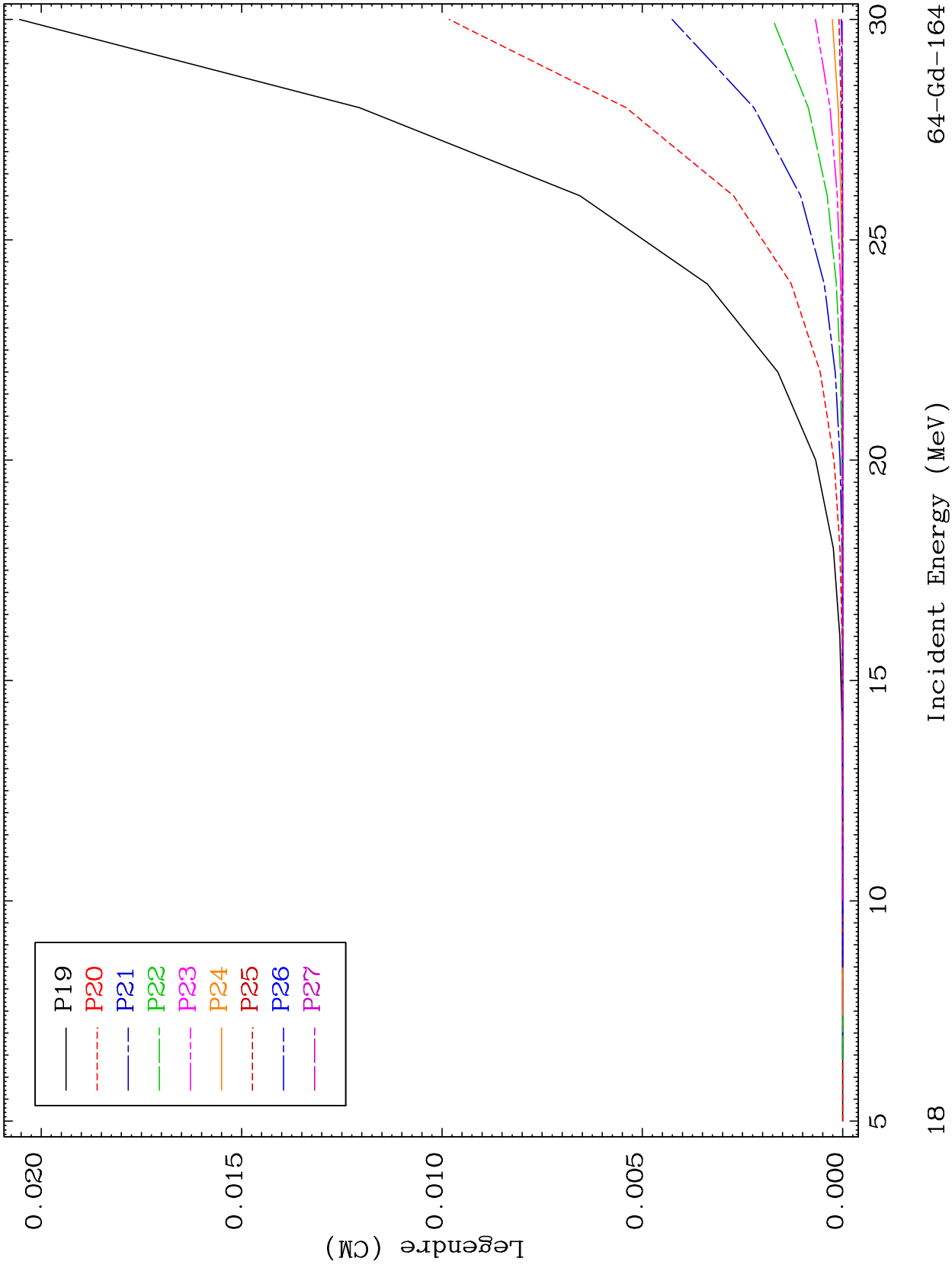




MAT 6461

Elastic Legendre Coefficients

64-Gd-164



18

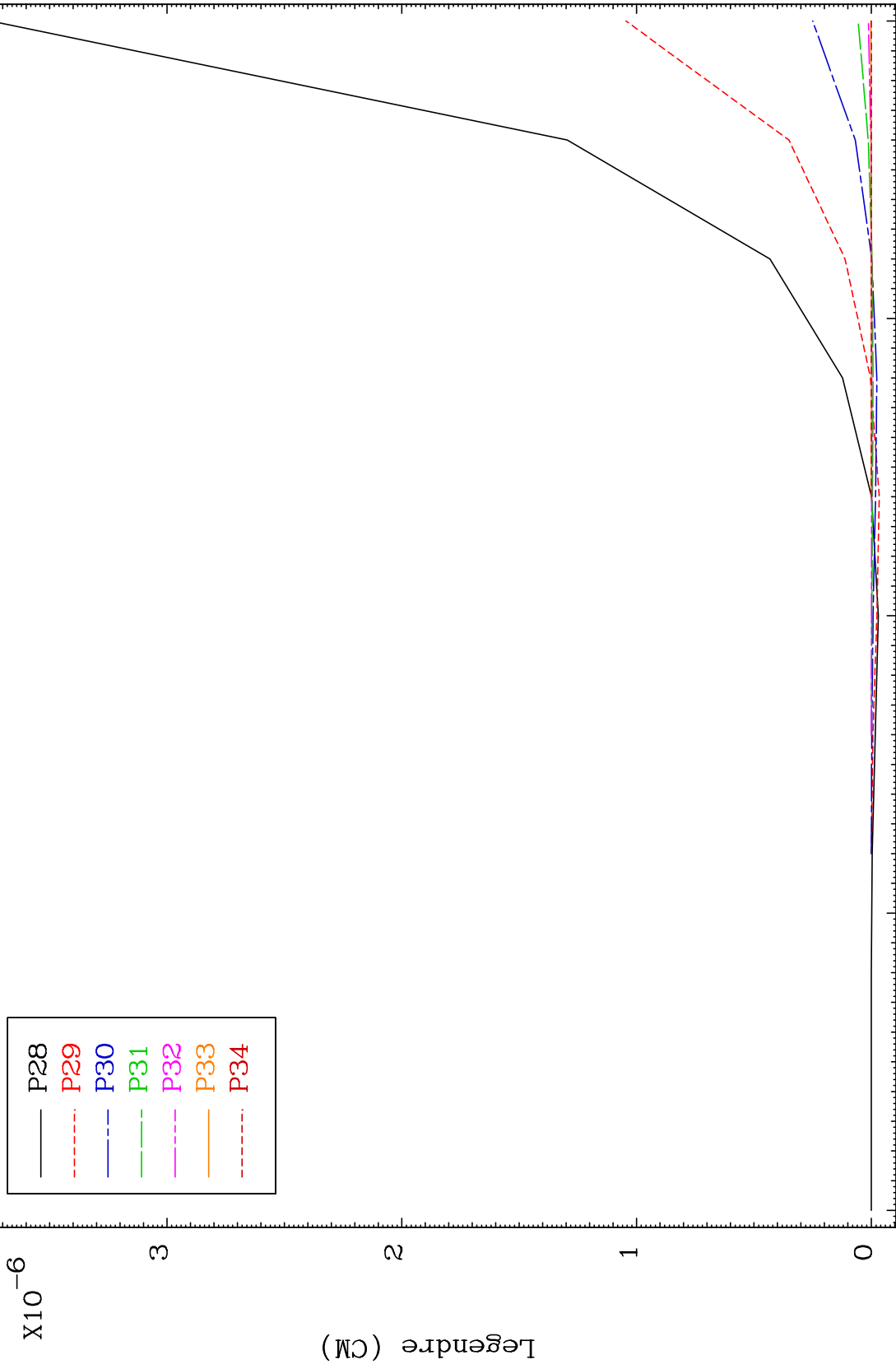
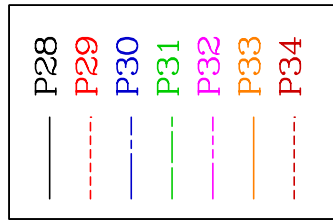
Incident Energy (MeV)

64-Gd-164

MAT 6461

Elastic Legendre Coefficients

64-Gd-164

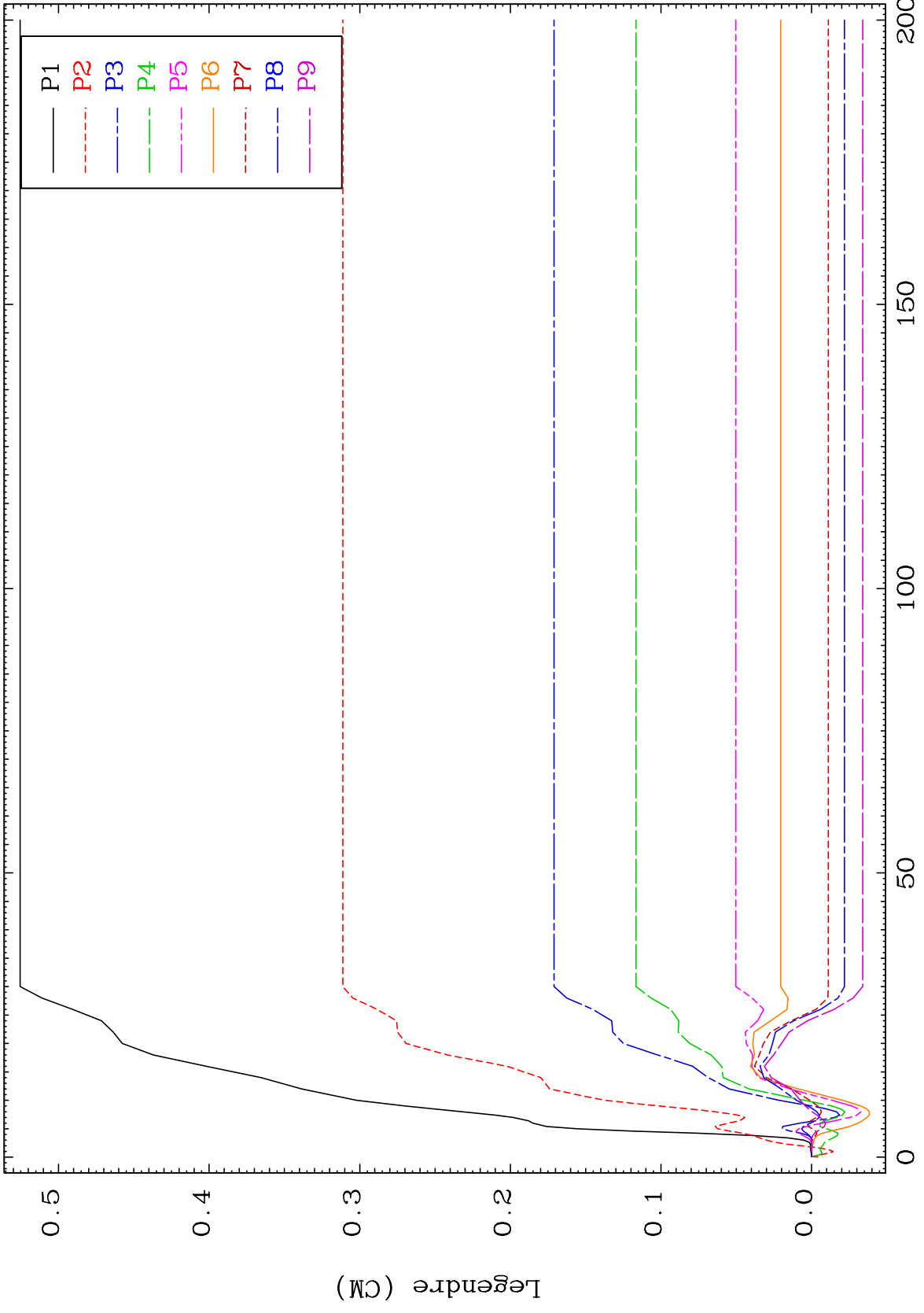


19

Incident Energy (MeV)

64-Gd-164

MAT 6461 MT= 51 (n,n') Level Legendre Coefficients 64-Gd-164

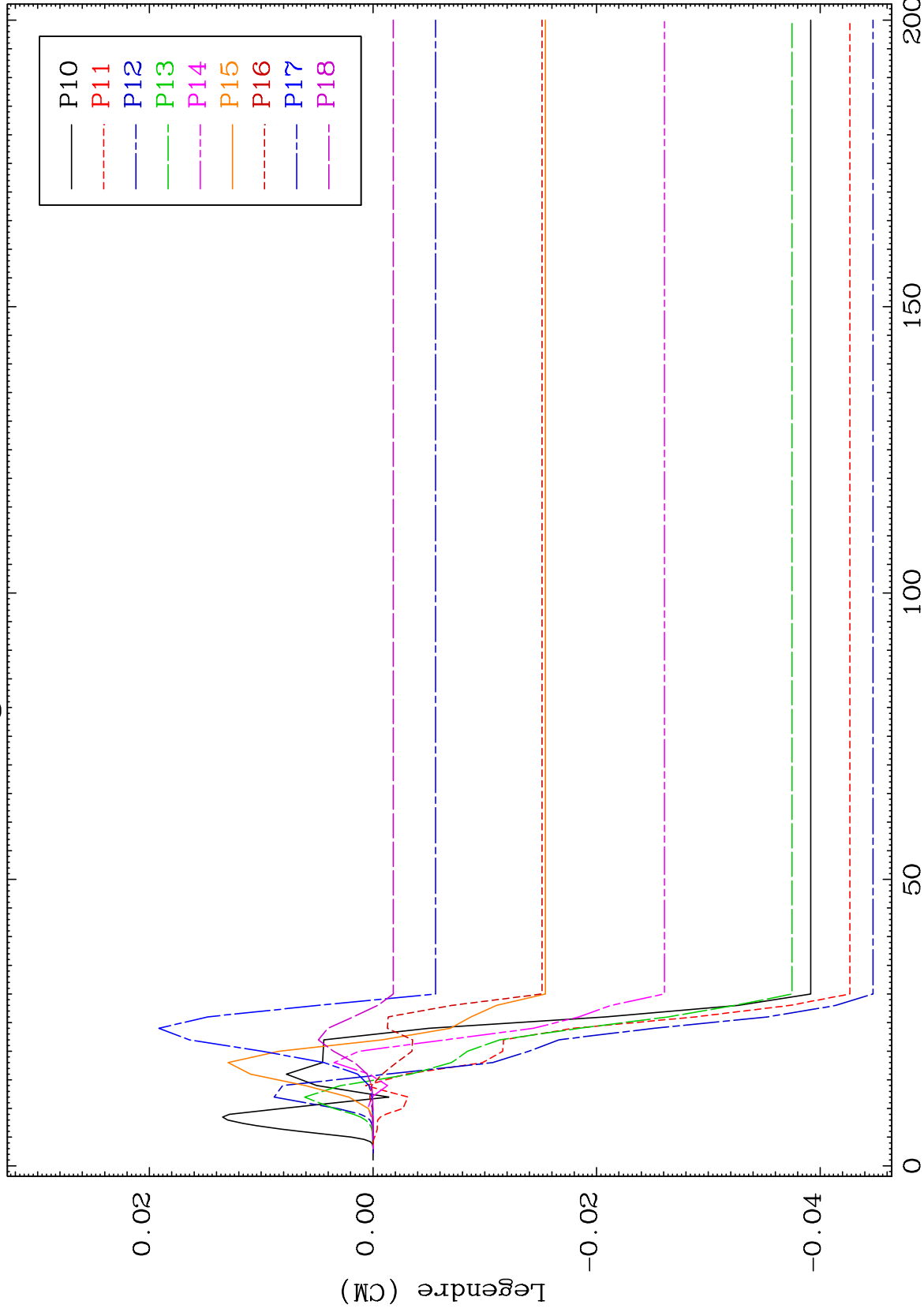


64-Gd-164

MAT 6461

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

64-Gd-164

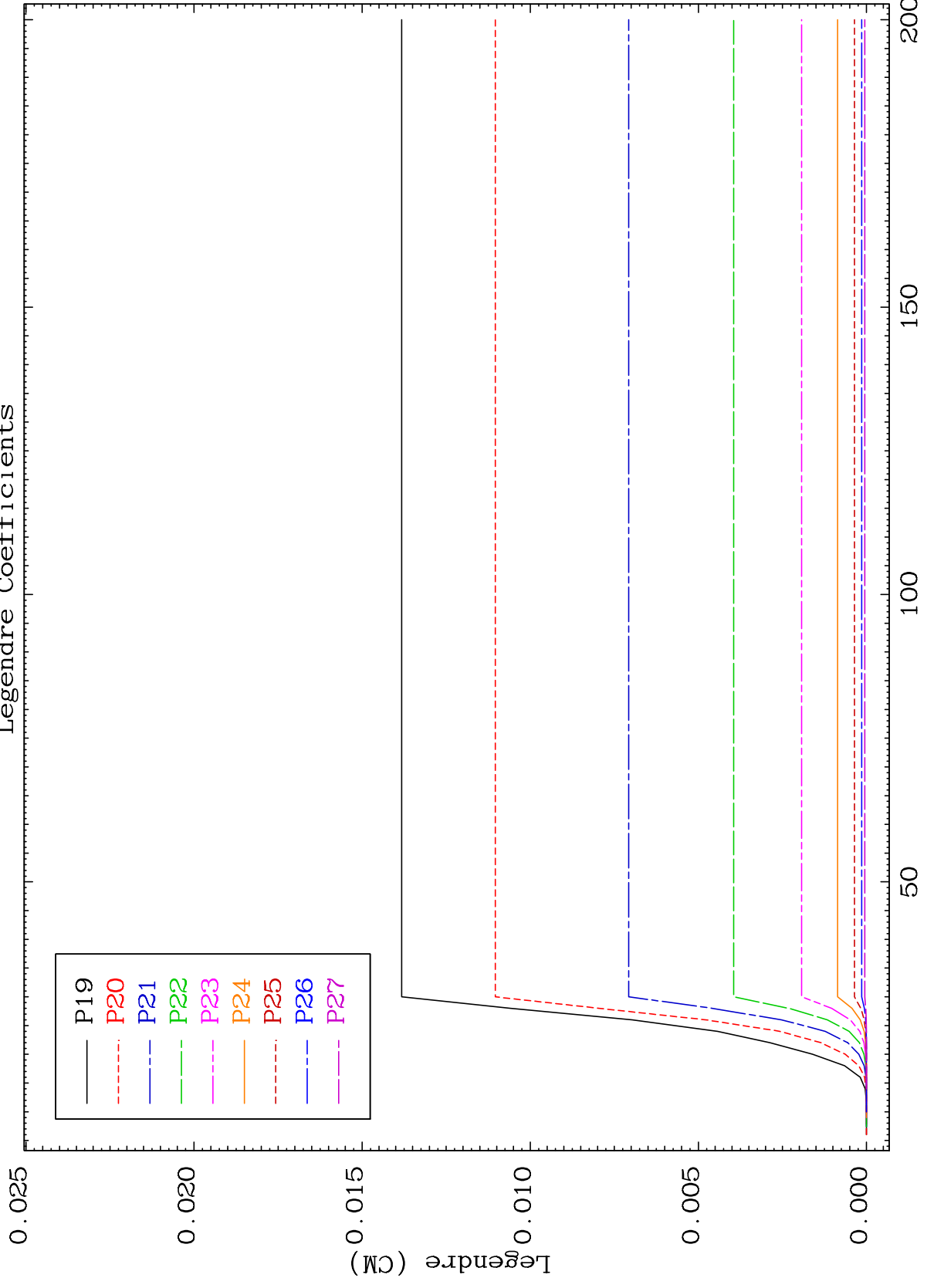


21

Incident Energy (MeV)

64-Gd-164

MAT 6461 MT= 51 (n,n') Level Legendre Coefficients 64-Gd-164



64-Gd-164

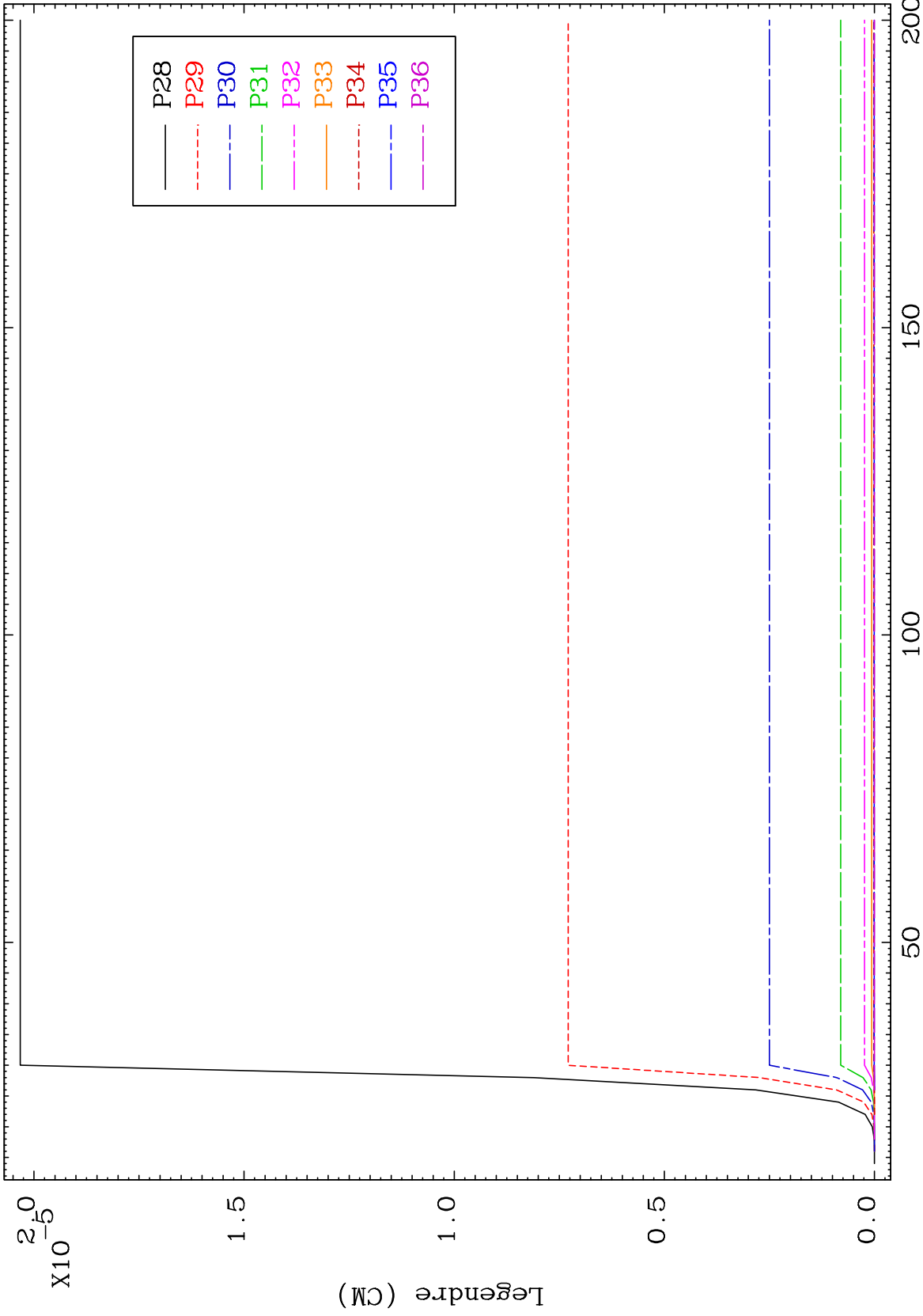
Incident Energy (MeV)

22

MAT 6461

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

64-Gd-164



23

Incident Energy (MeV)

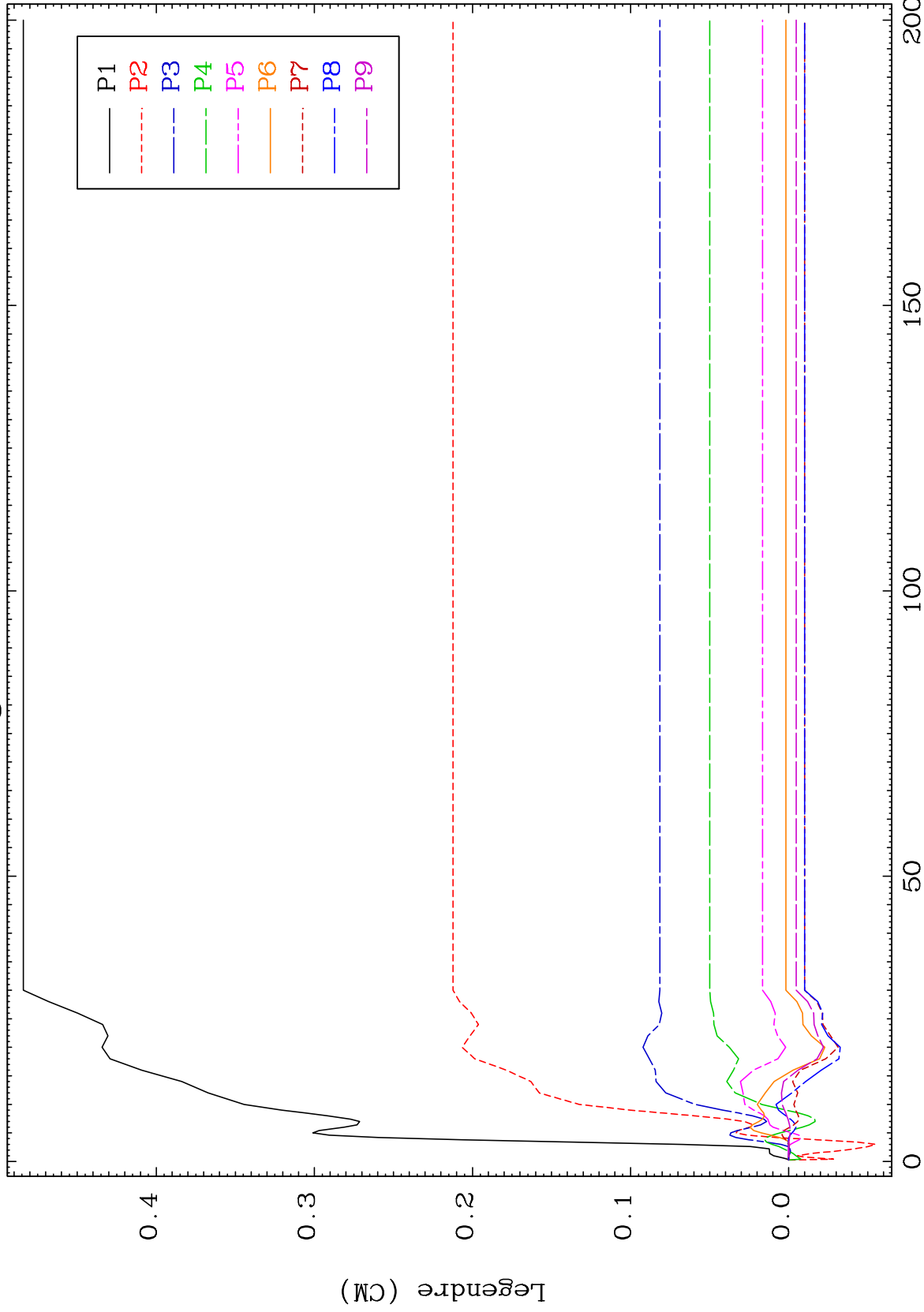
64-Gd-164



MAT 6461

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

64-Gd-164



24

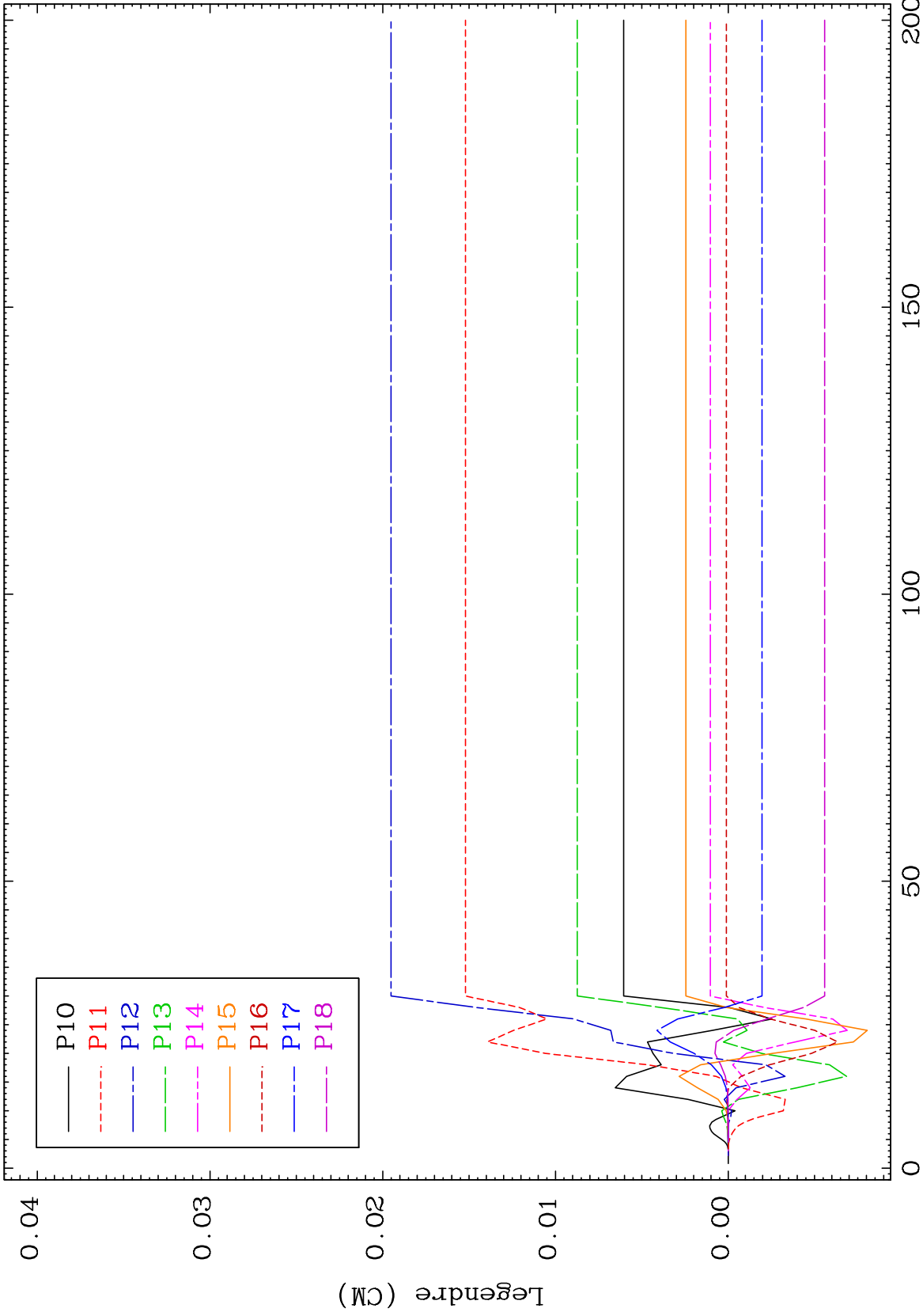
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



25

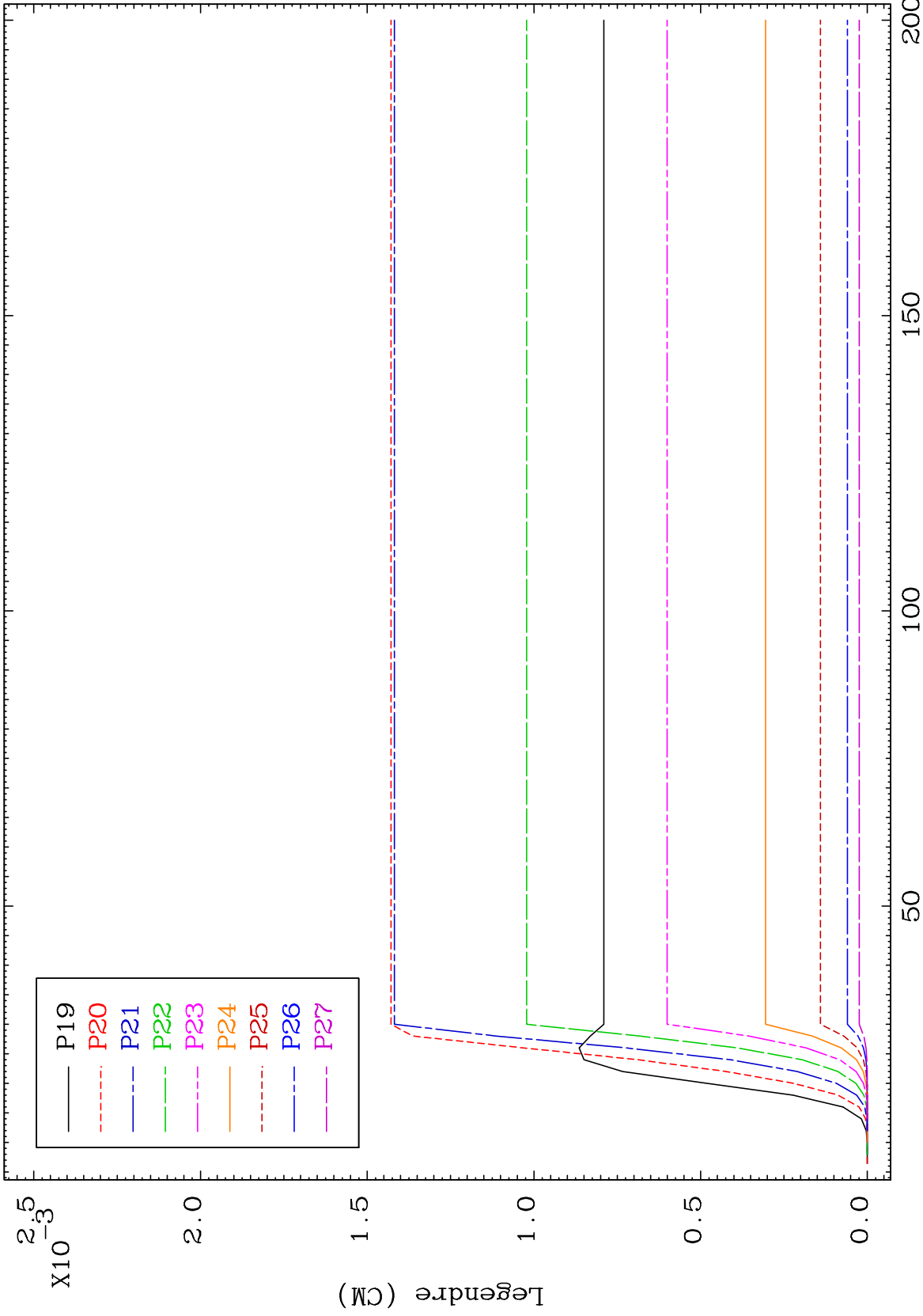
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



26

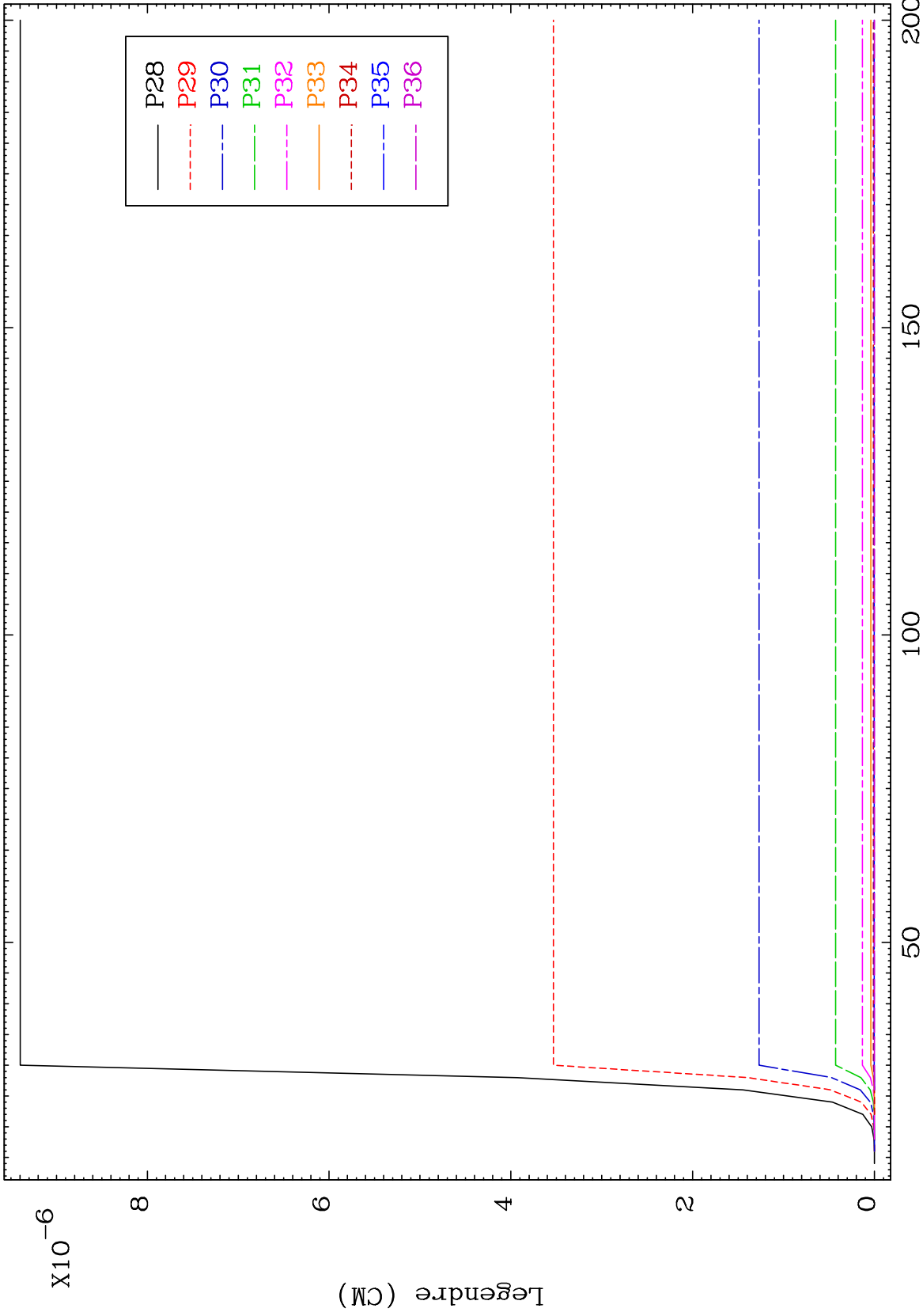
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



27

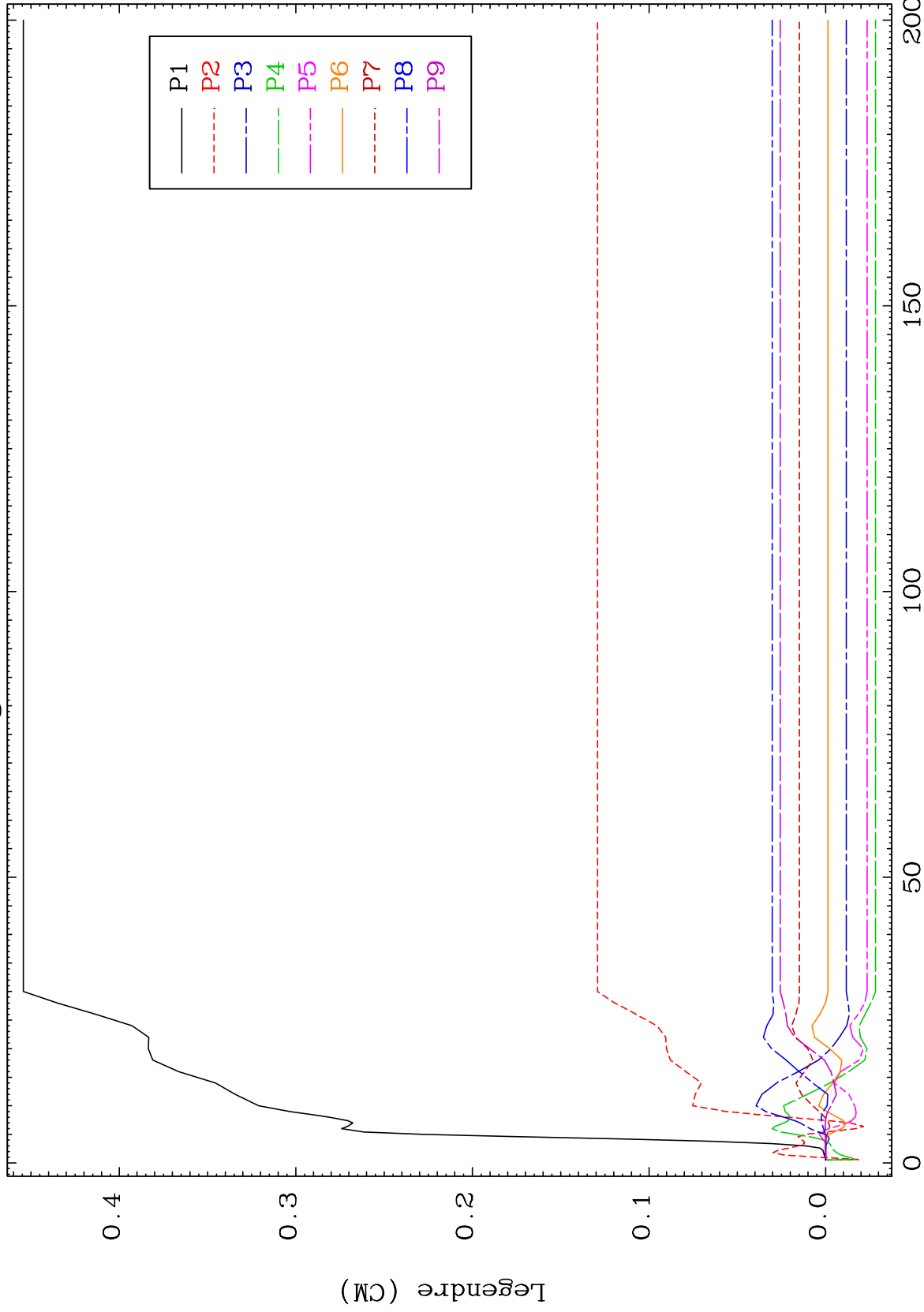
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



28

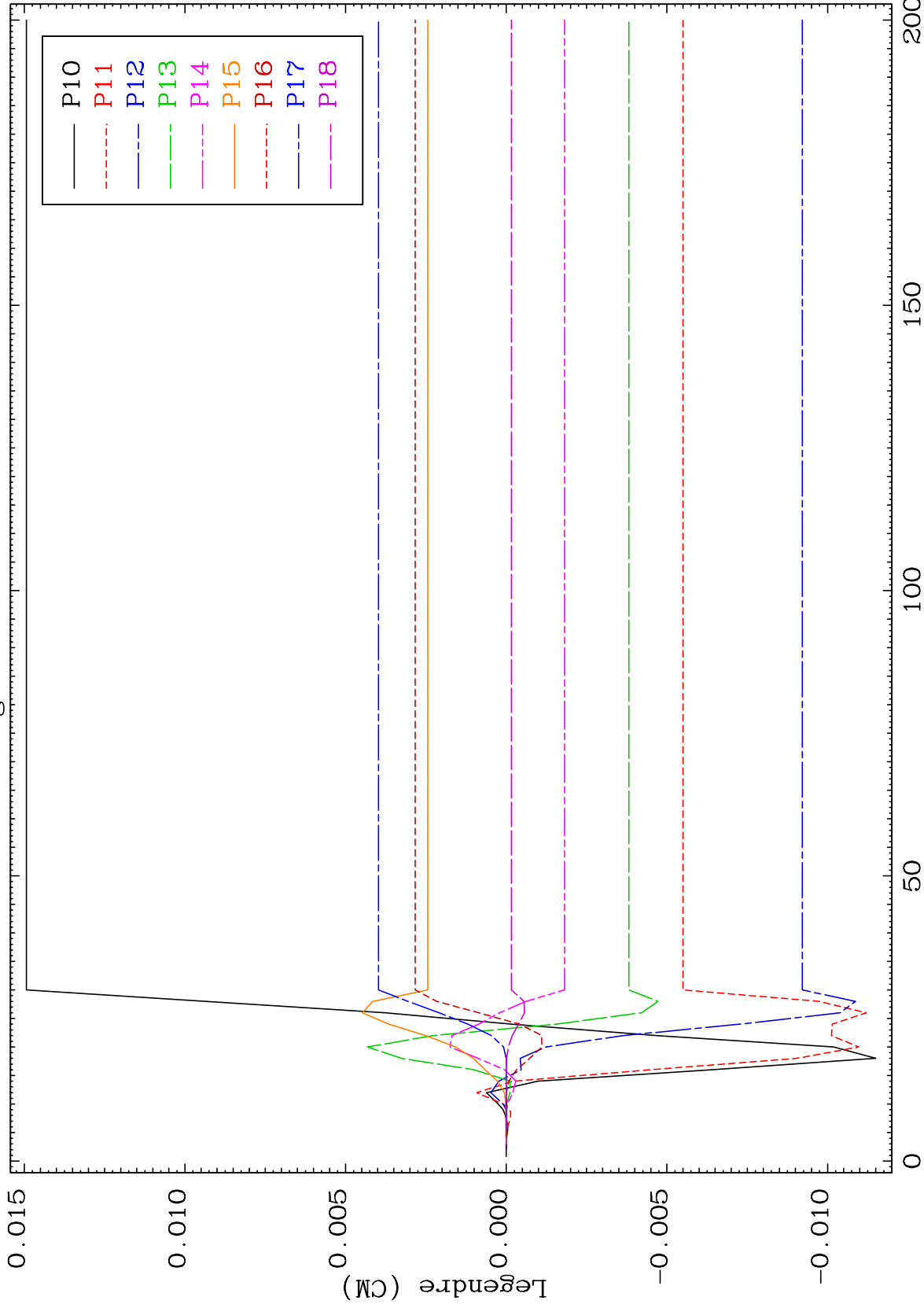
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



29

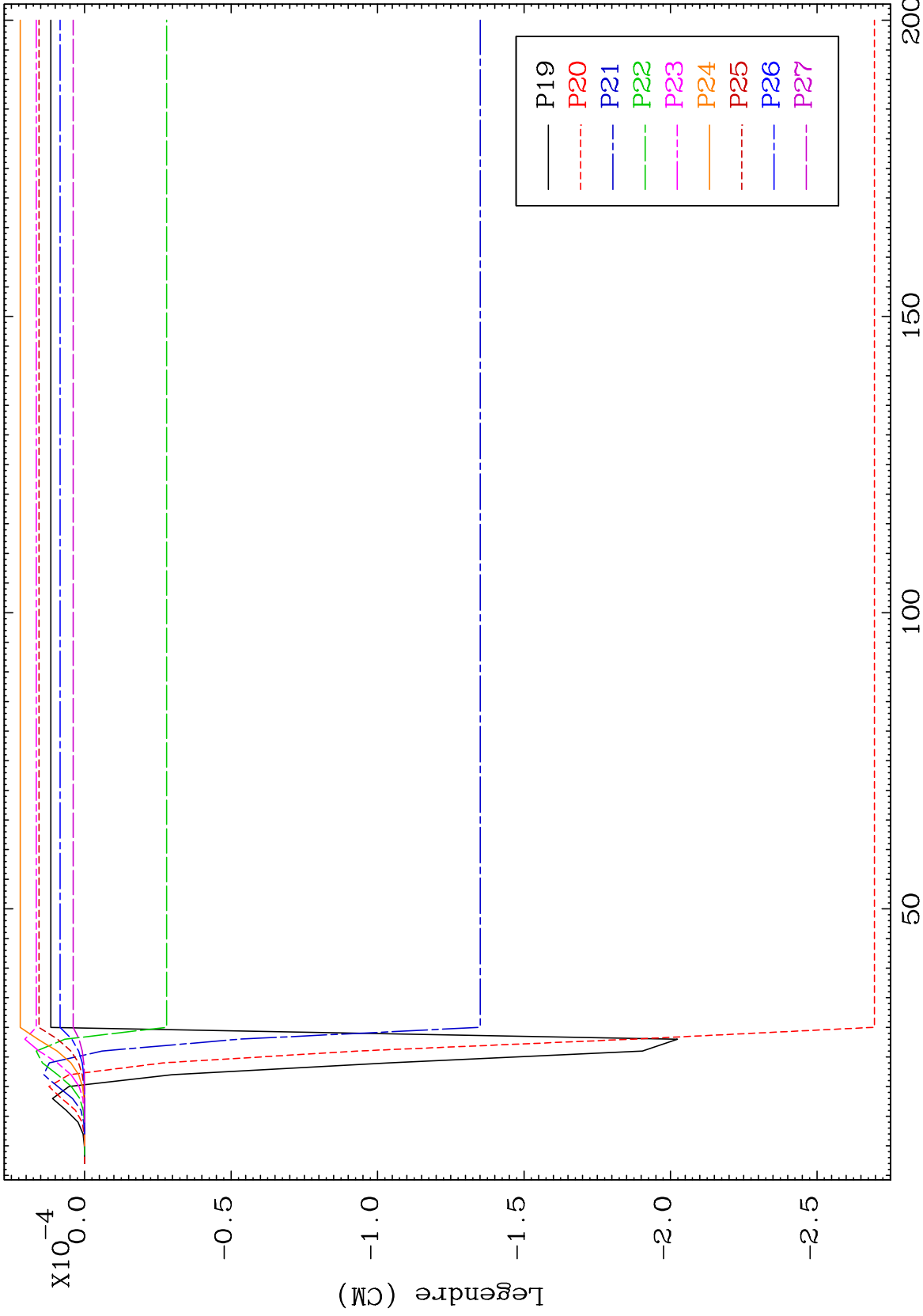
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



30

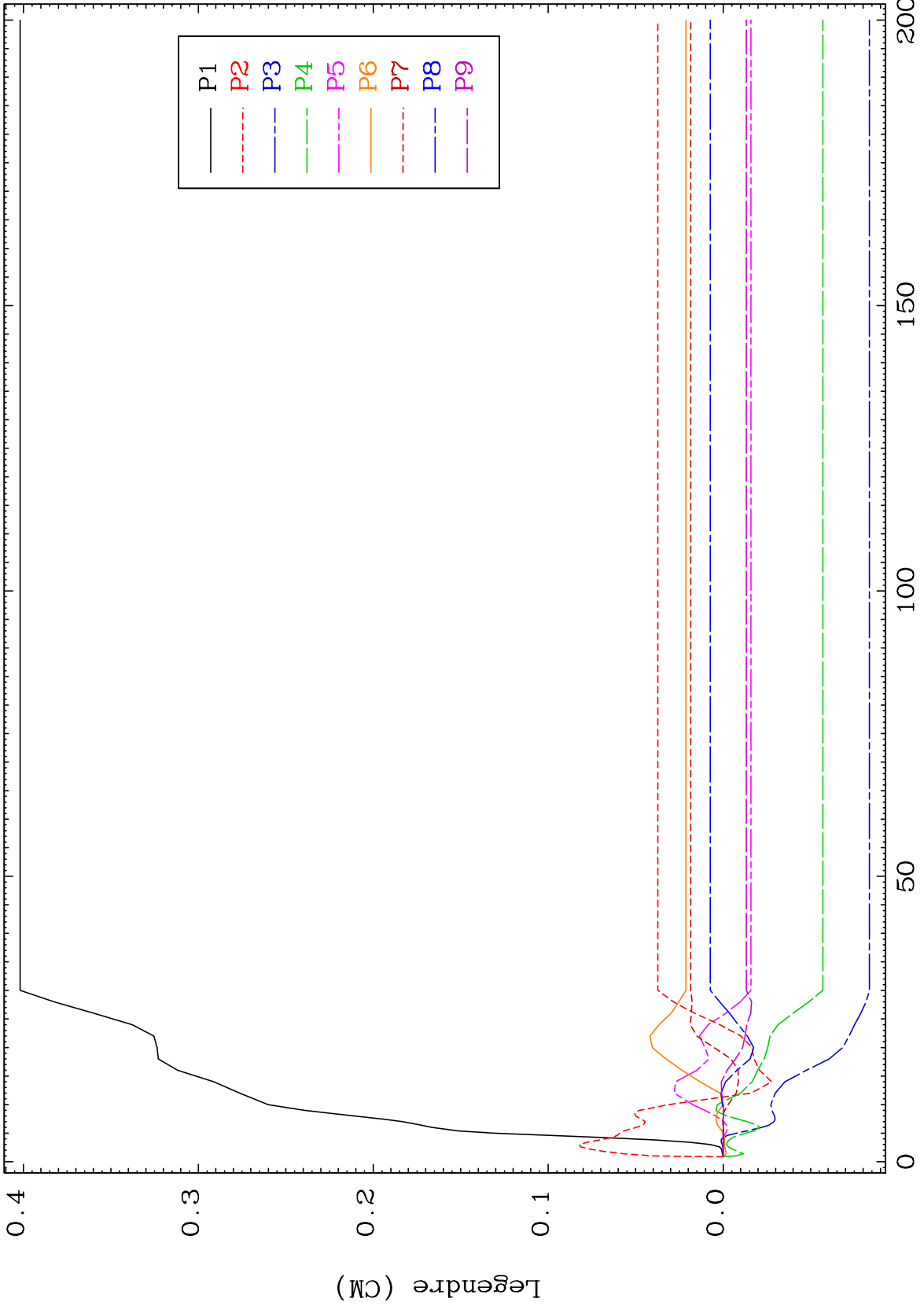
Incident Energy (MeV)

64-Gd-164



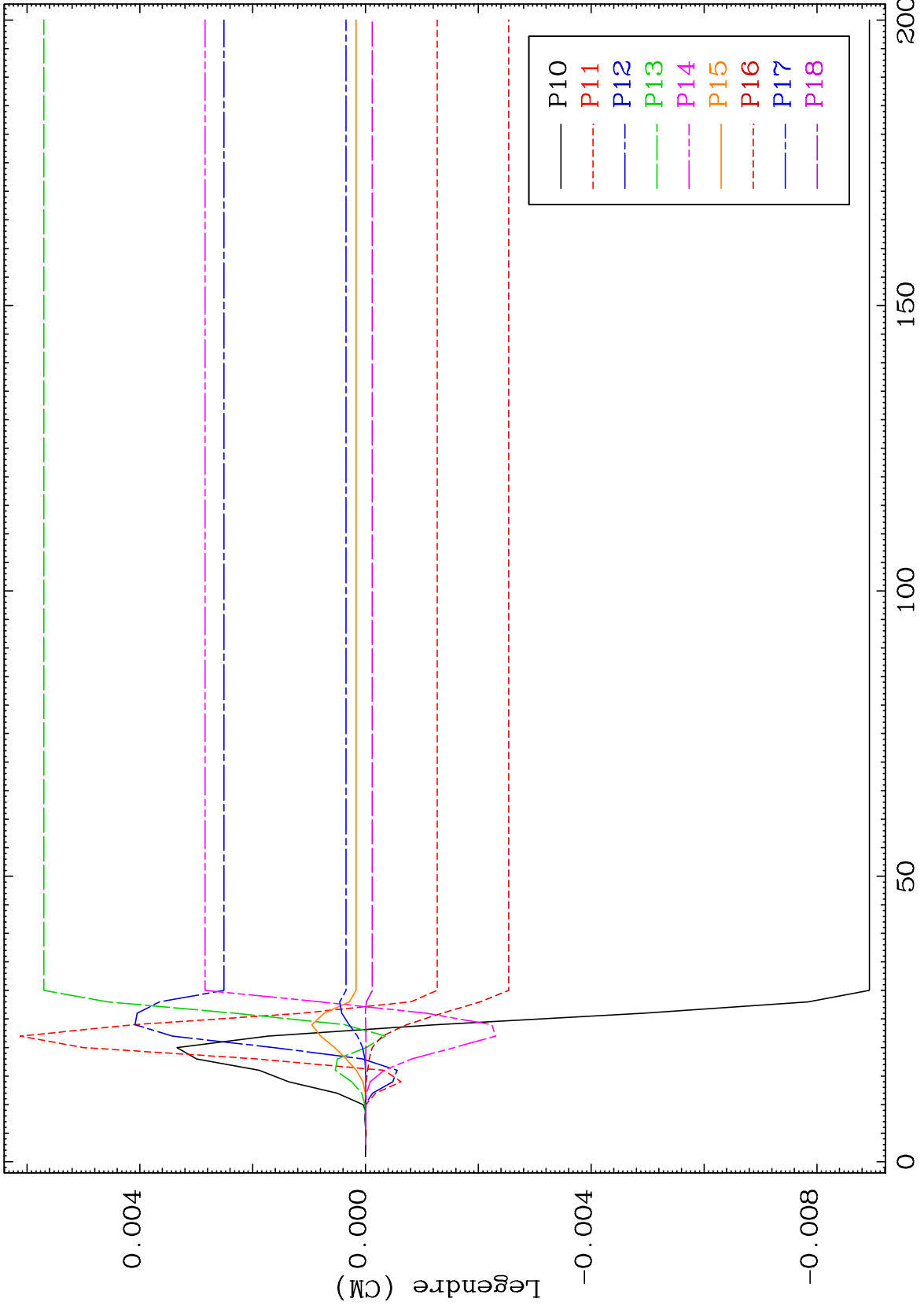


MAT 6461 MT= 54 (n,n') Level Legendre Coefficients 64-Gd-164



32 64-Gd-164

MAT 6461 MT= 54 (n,n') Level Legendre Coefficients 64-Gd-164

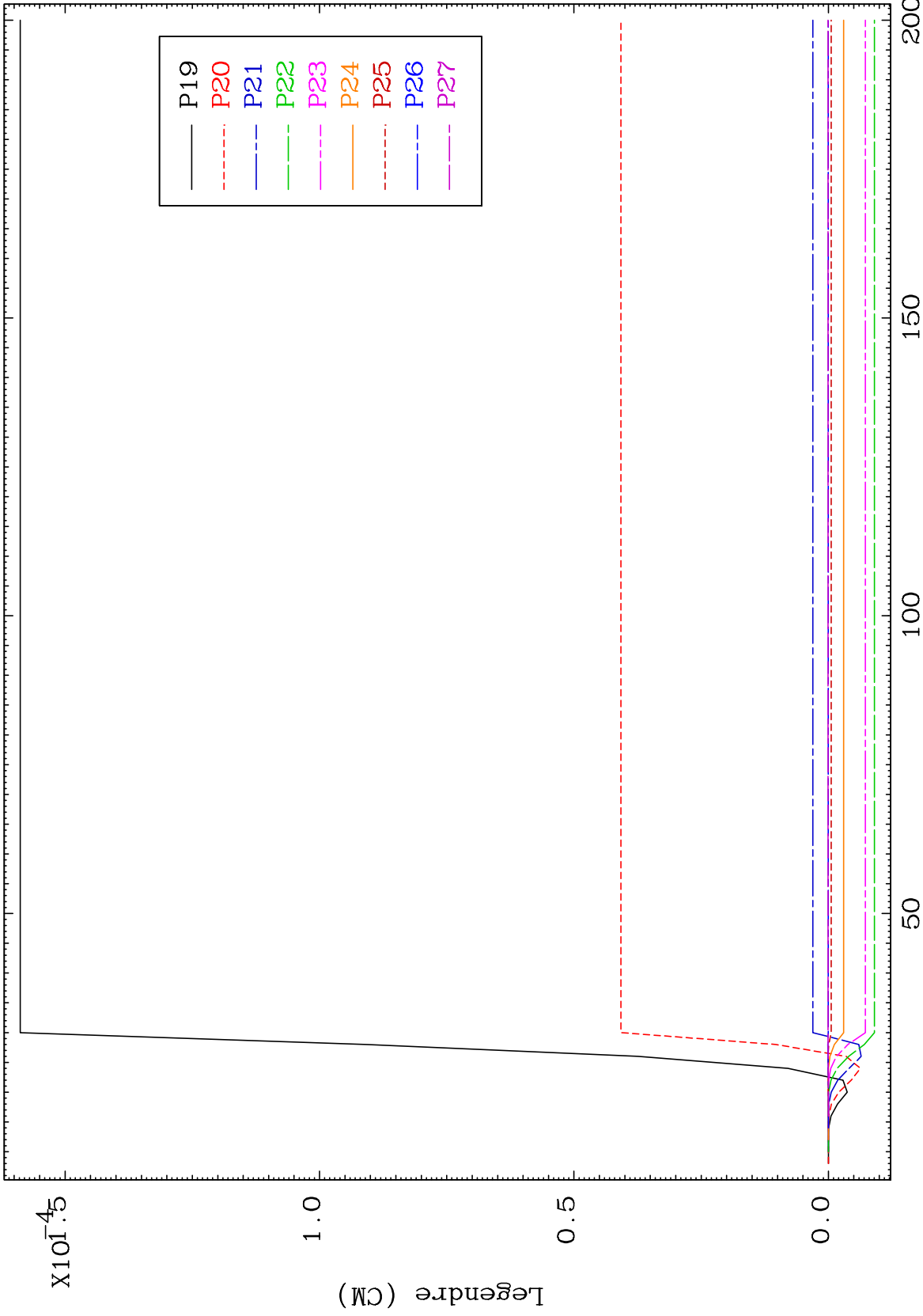


33 64-Gd-164

MAT 6461

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

64-Gd-164



34

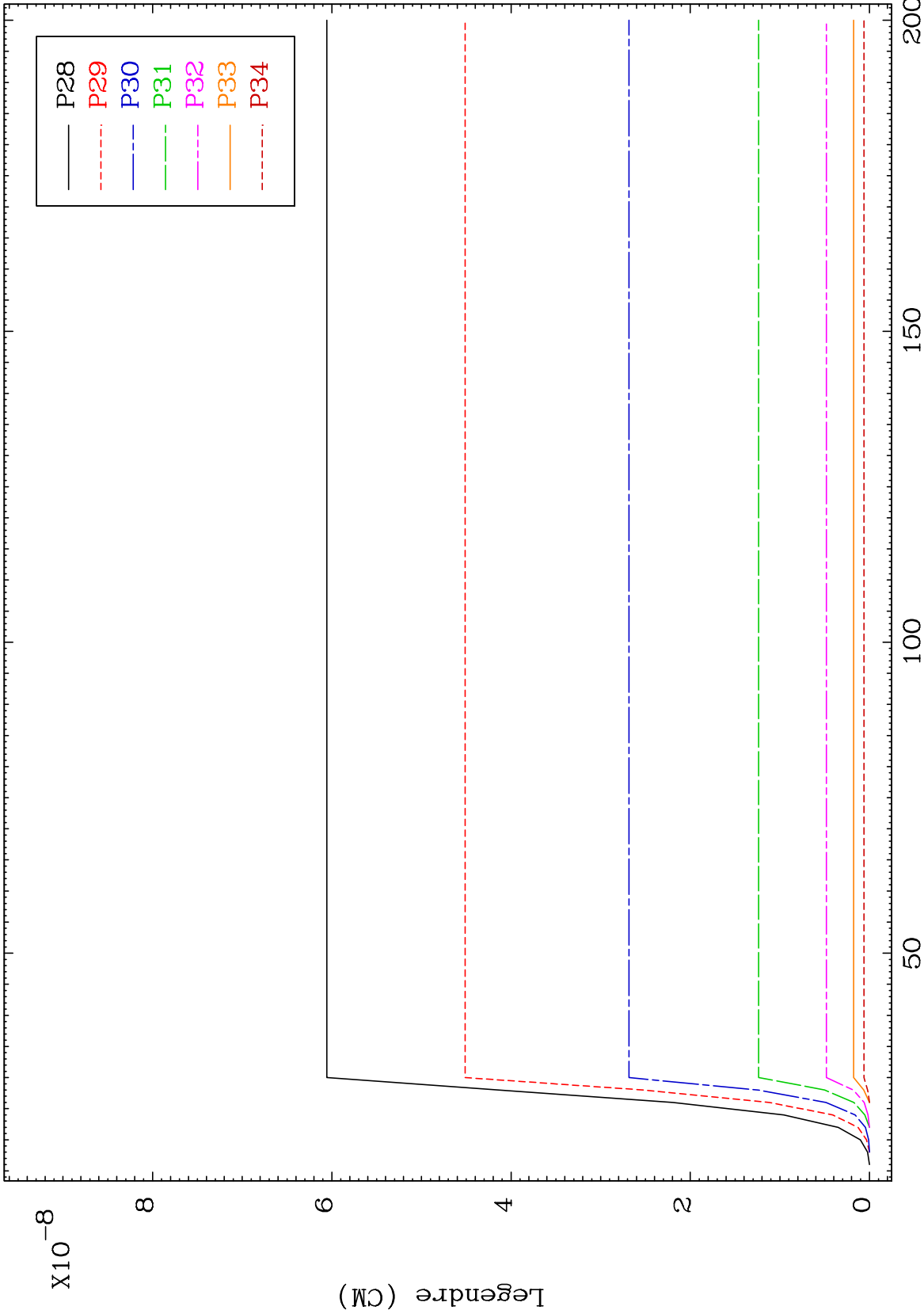
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



35

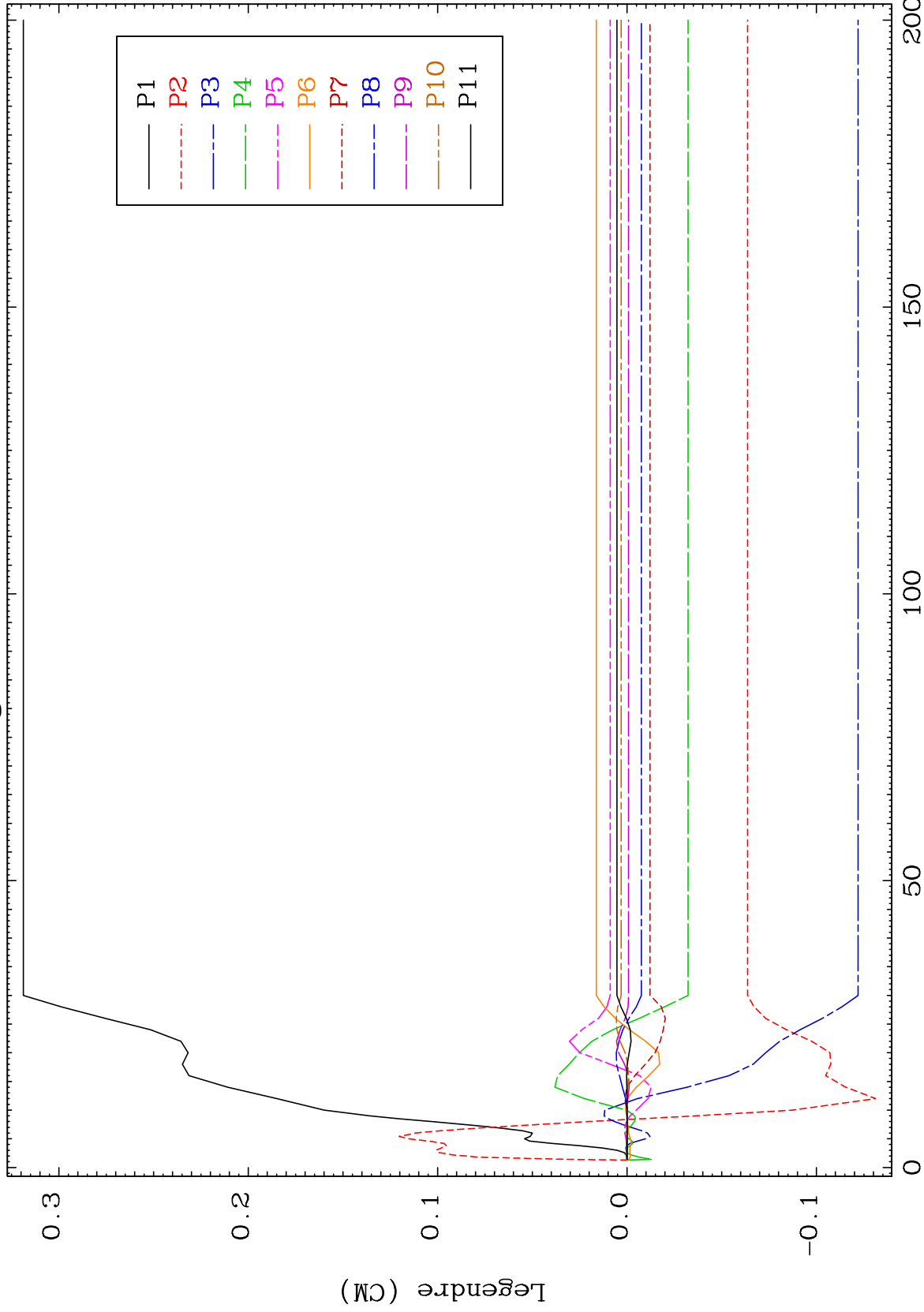
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



36

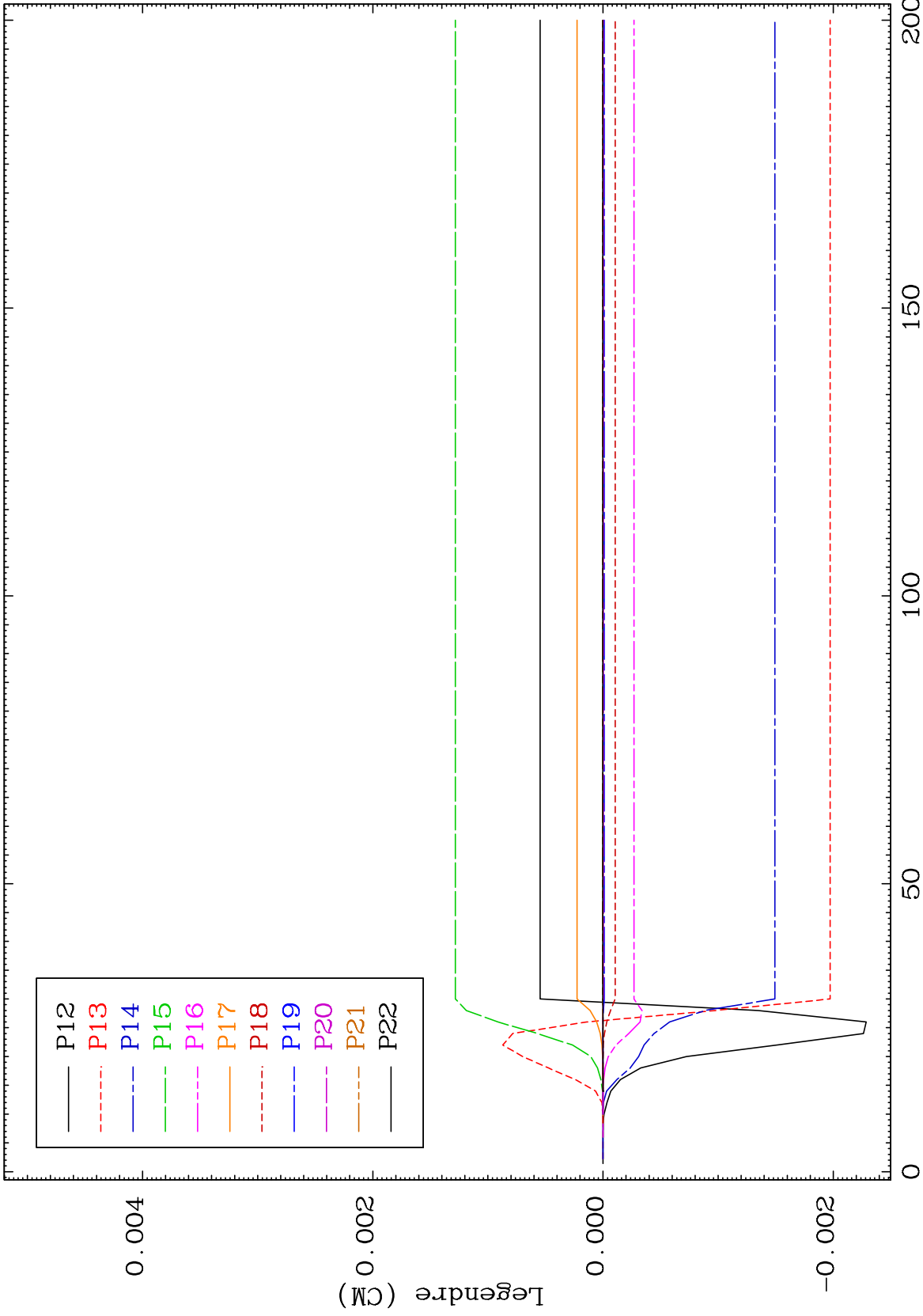
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



37

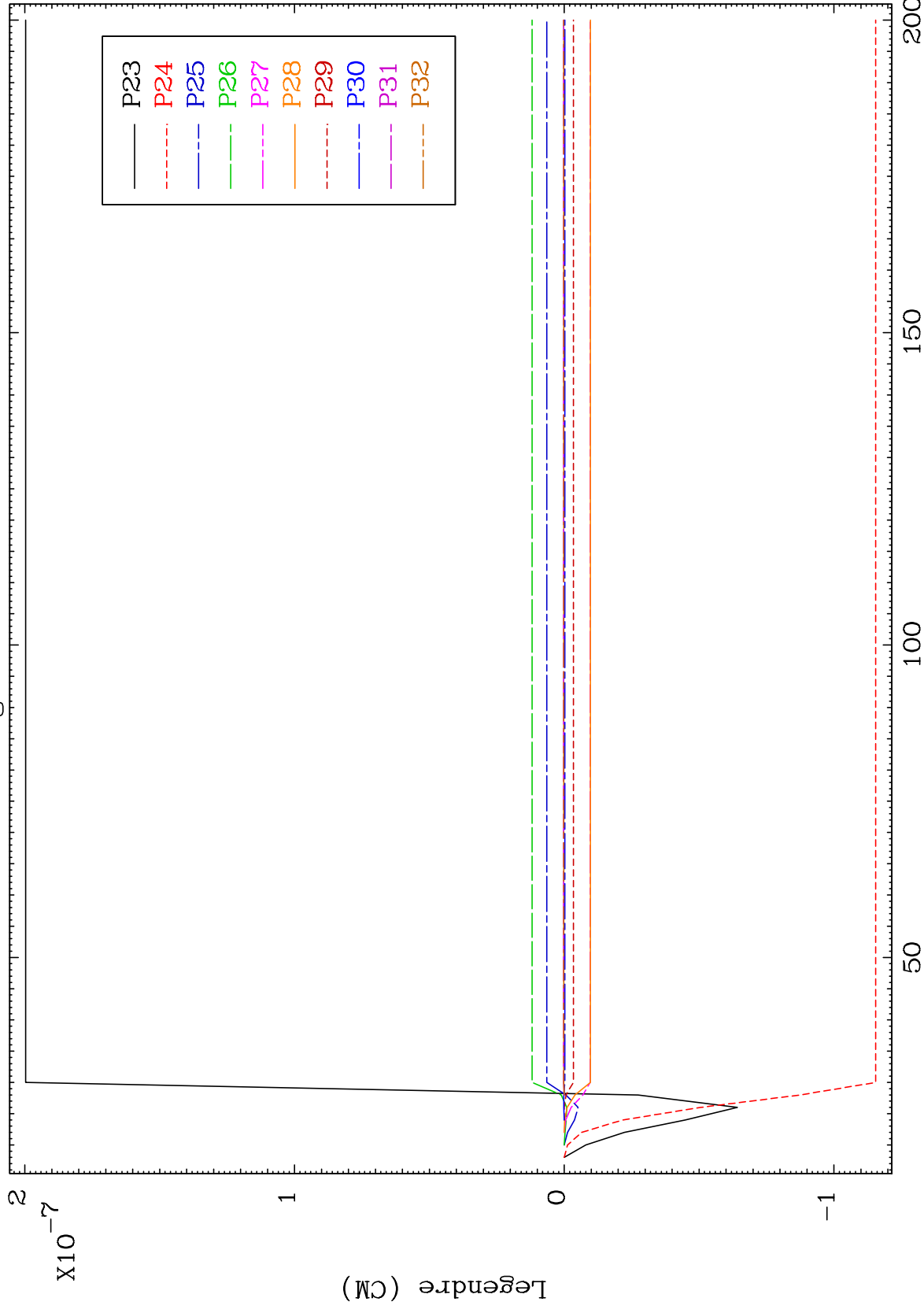
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



38

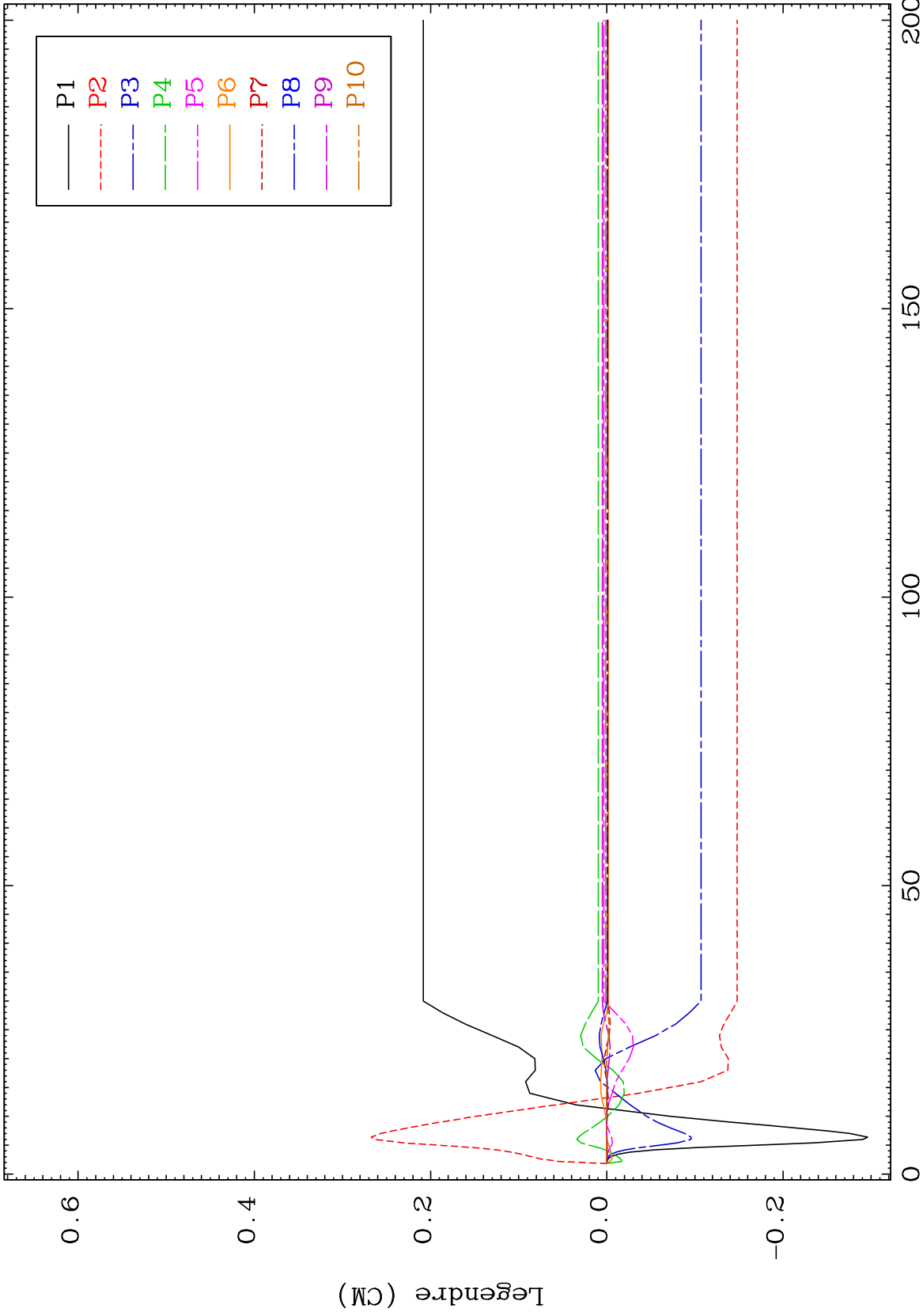
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



39

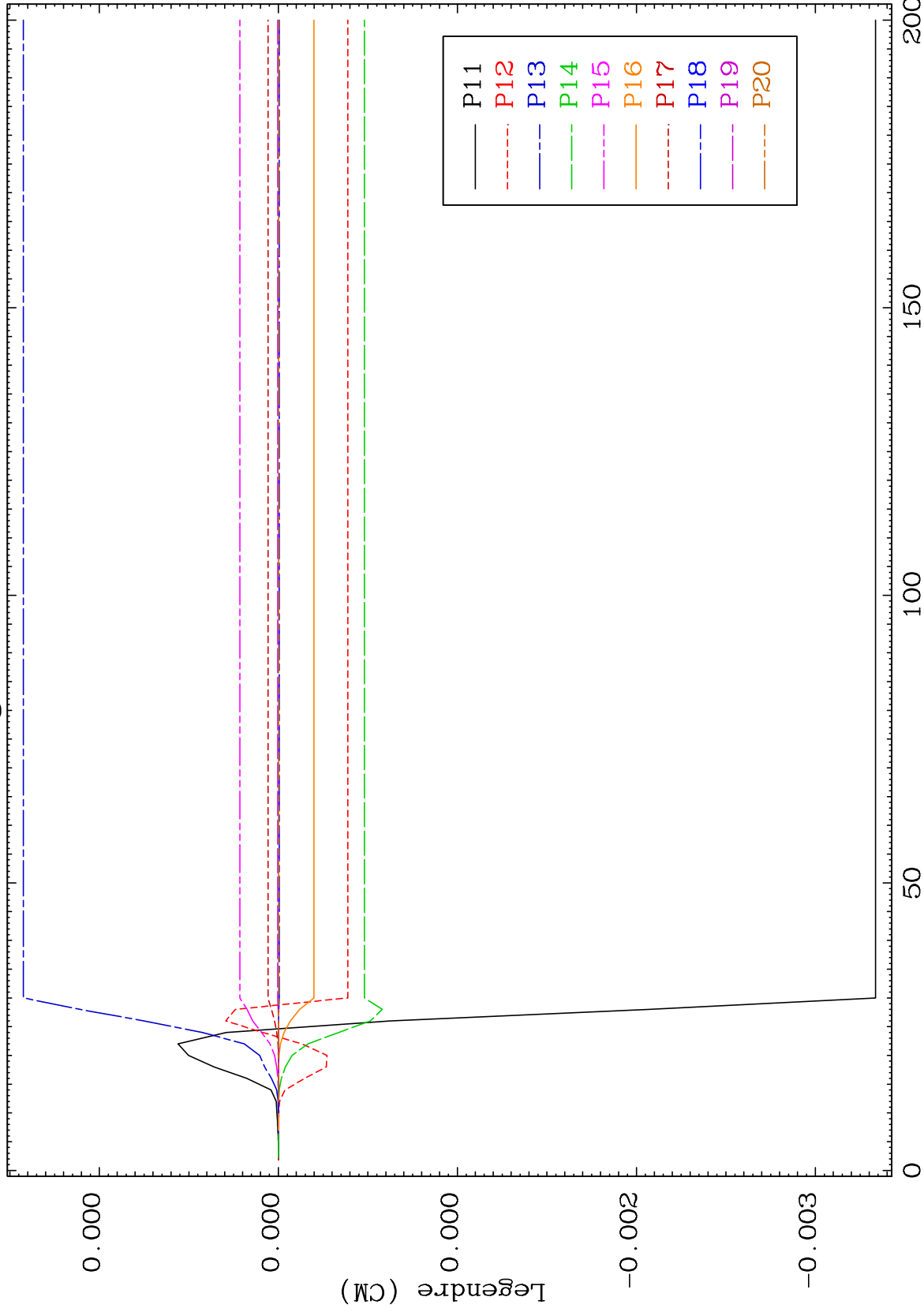
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MAT 6461

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

64-Gd-164



40

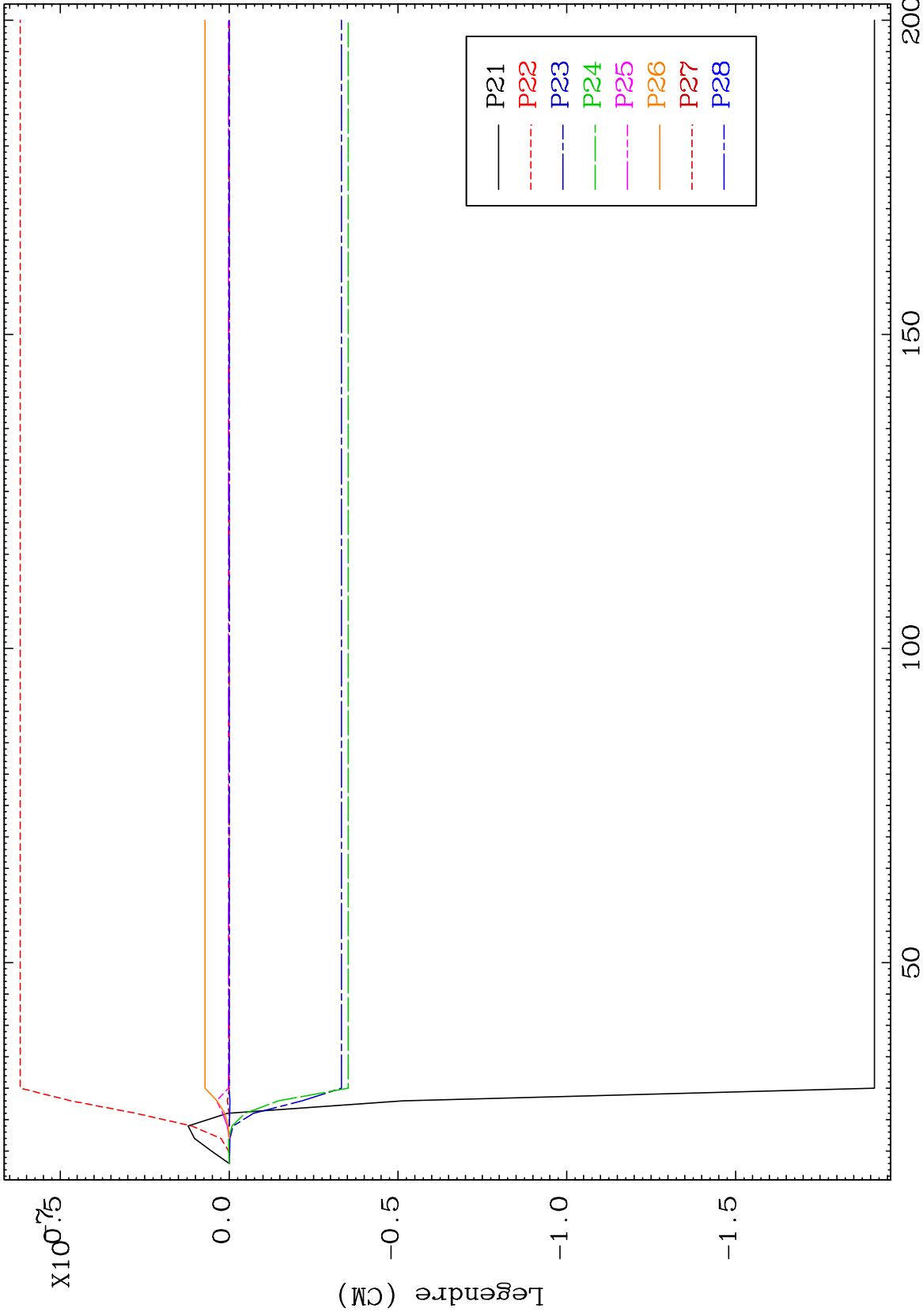
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164

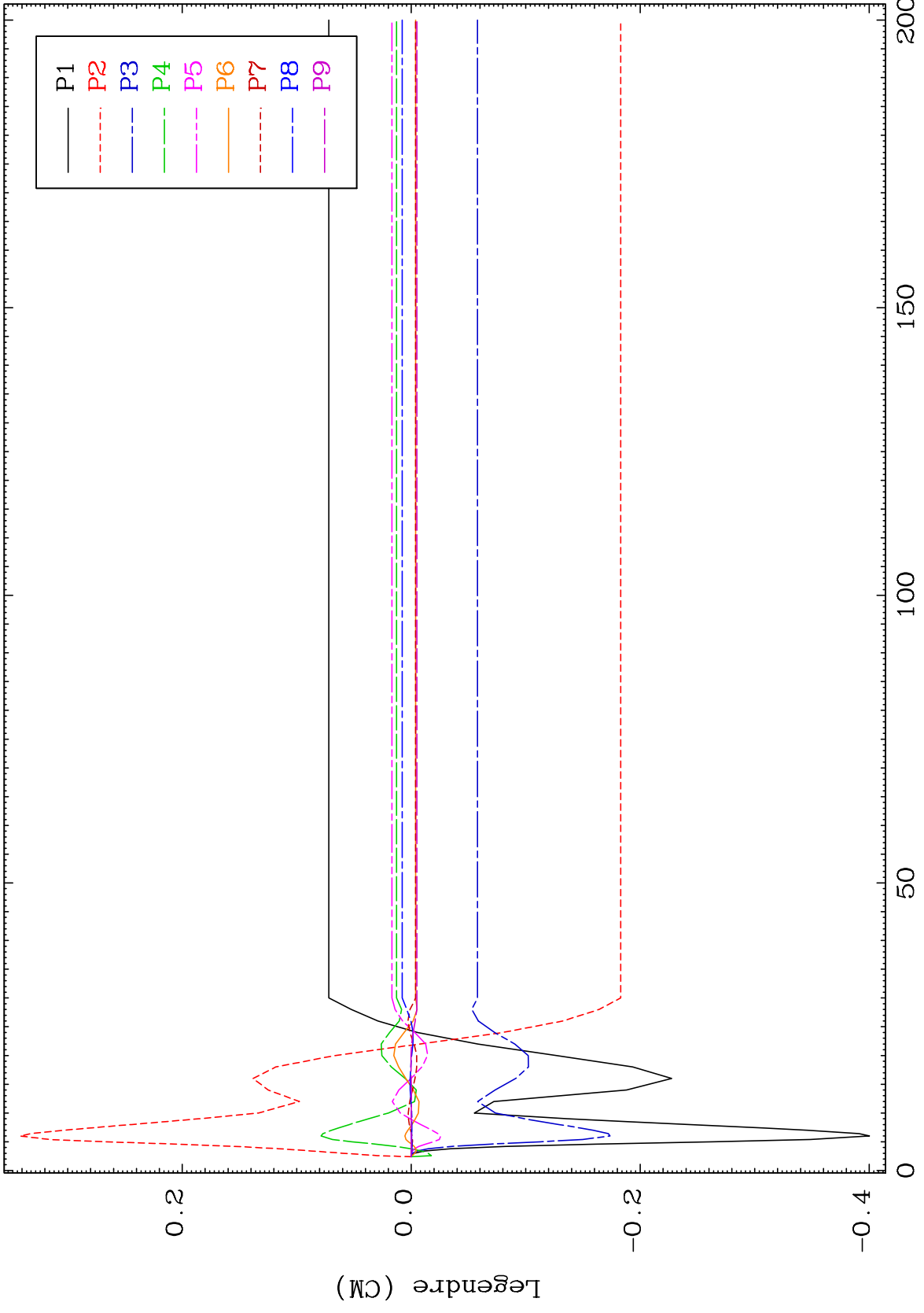


41

Incident Energy (MeV)

64-Gd-164

MAT 6461 MT= 57 (n,n') Level Legendre Coefficients 64-Gd-164

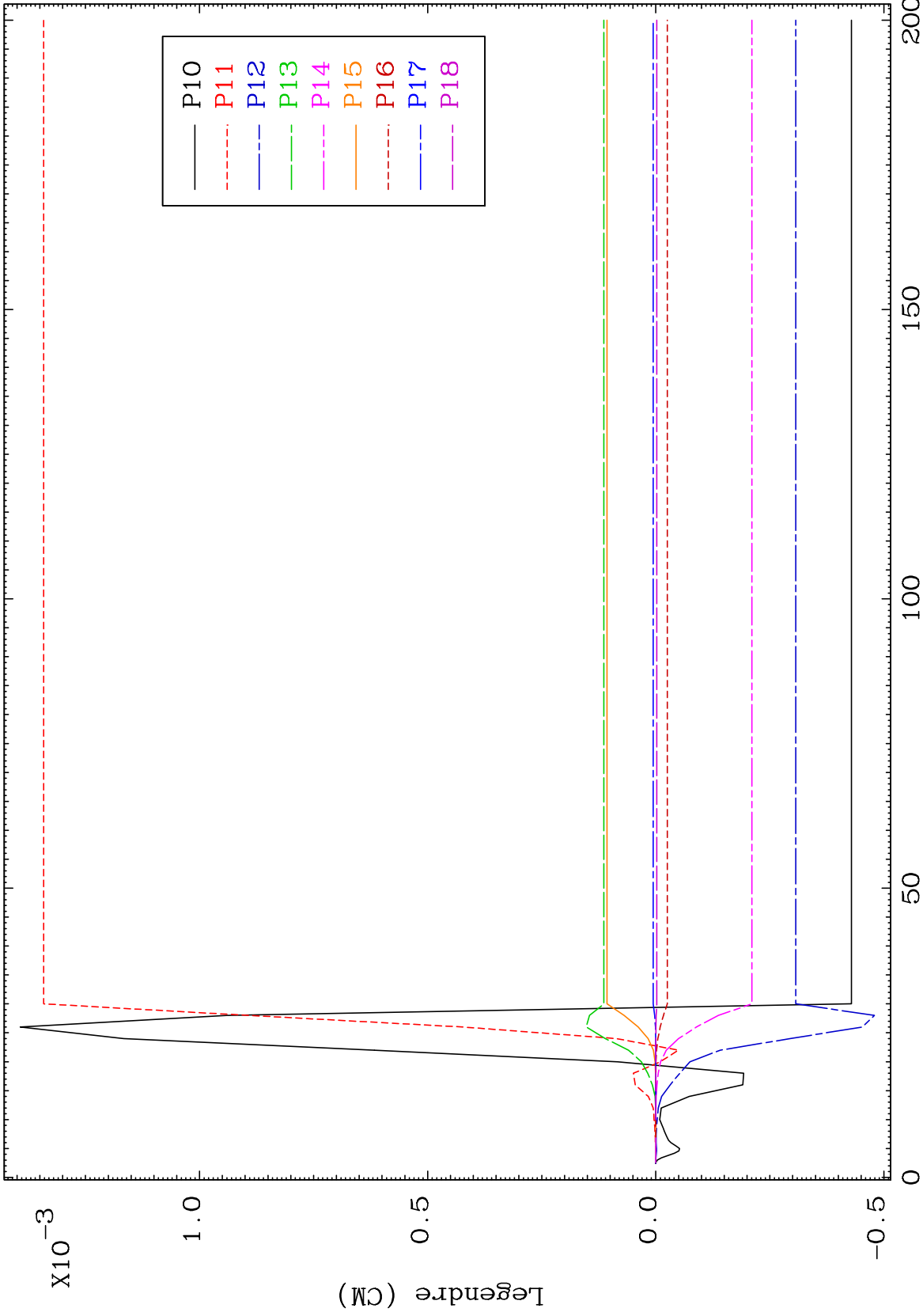


42 Incident Energy (MeV) 64-Gd-164

MAT 6461

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

64-Gd-164



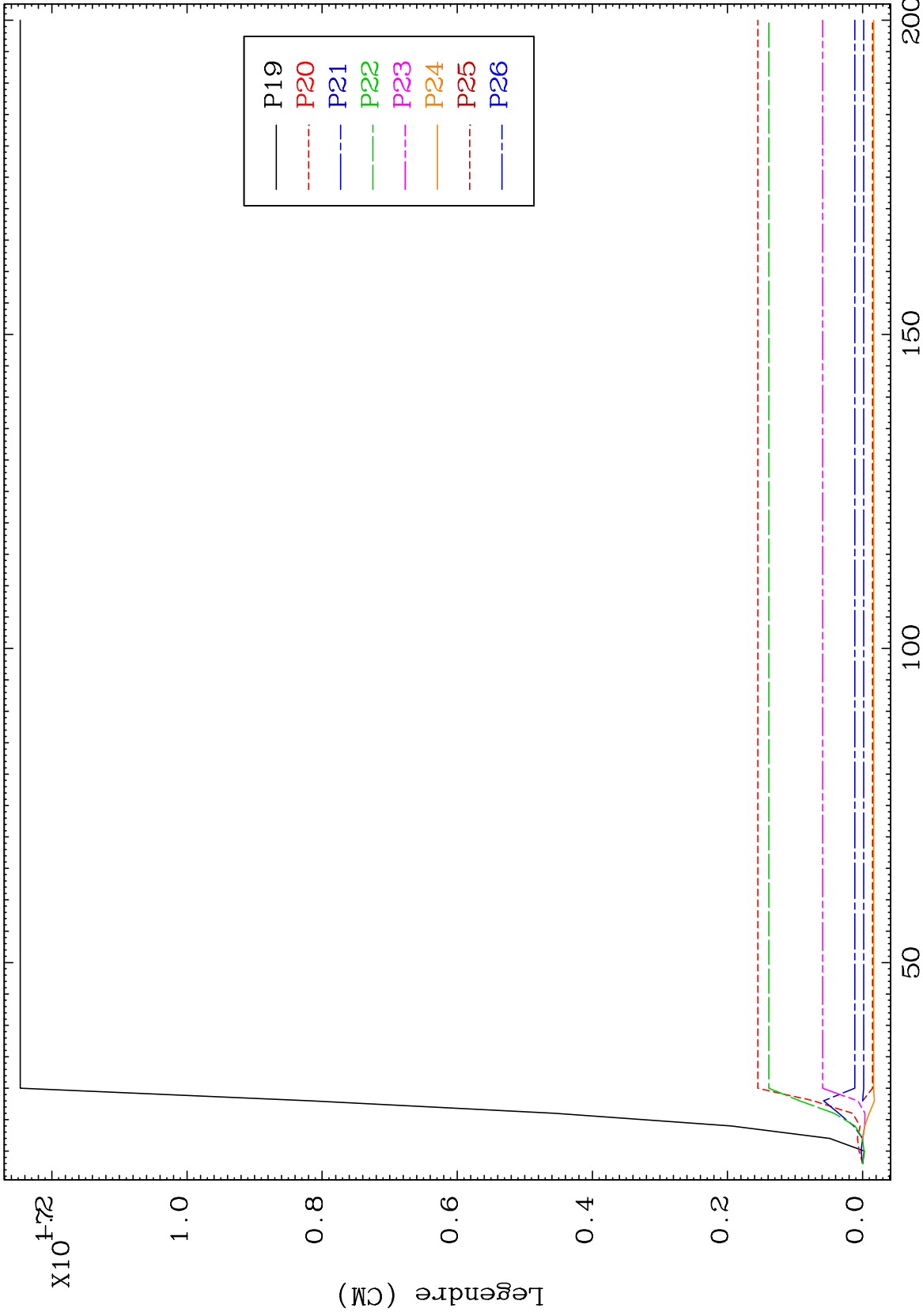
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64-Gd-164

MAT 6461

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

64-Gd-164



44

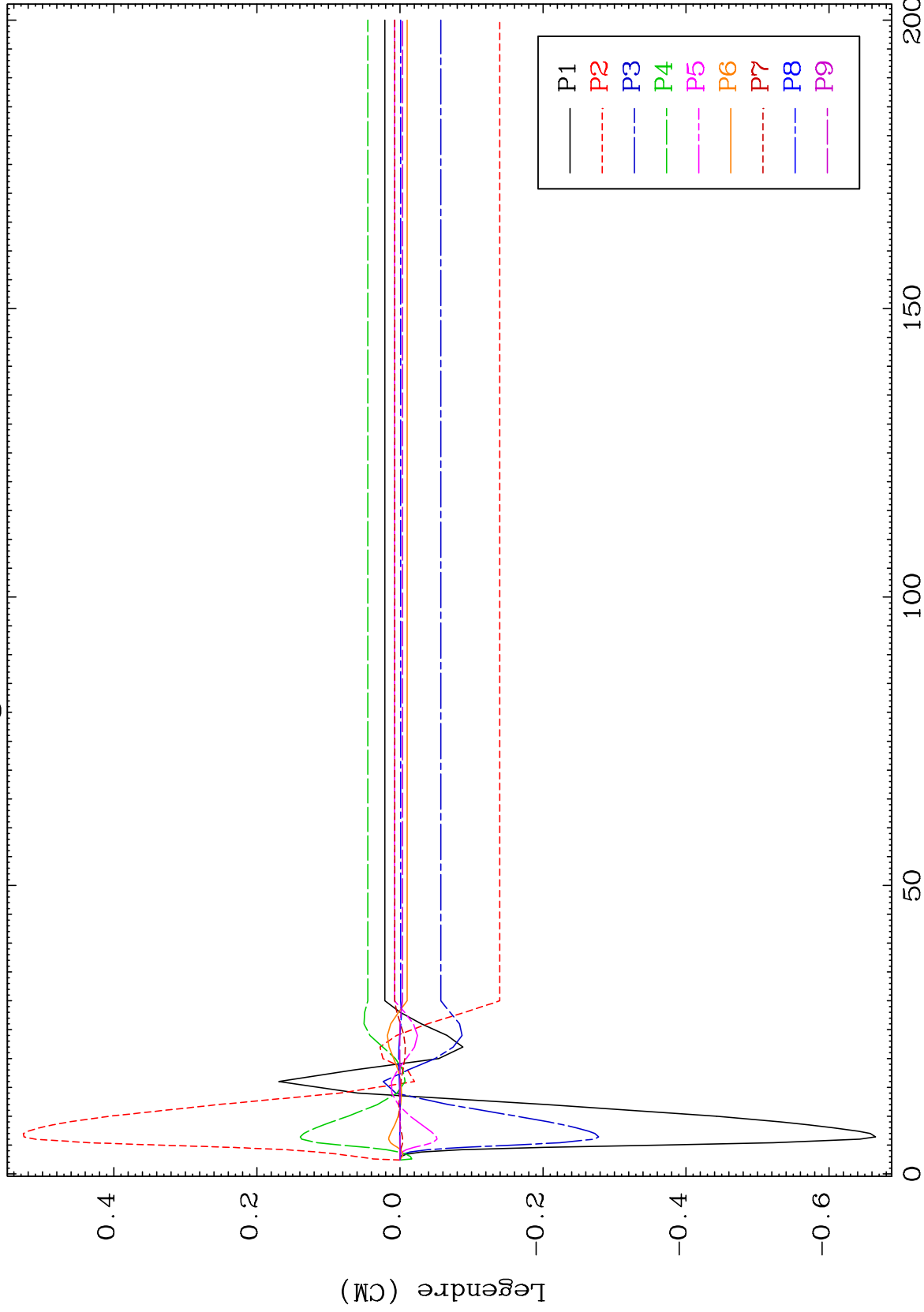
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



45

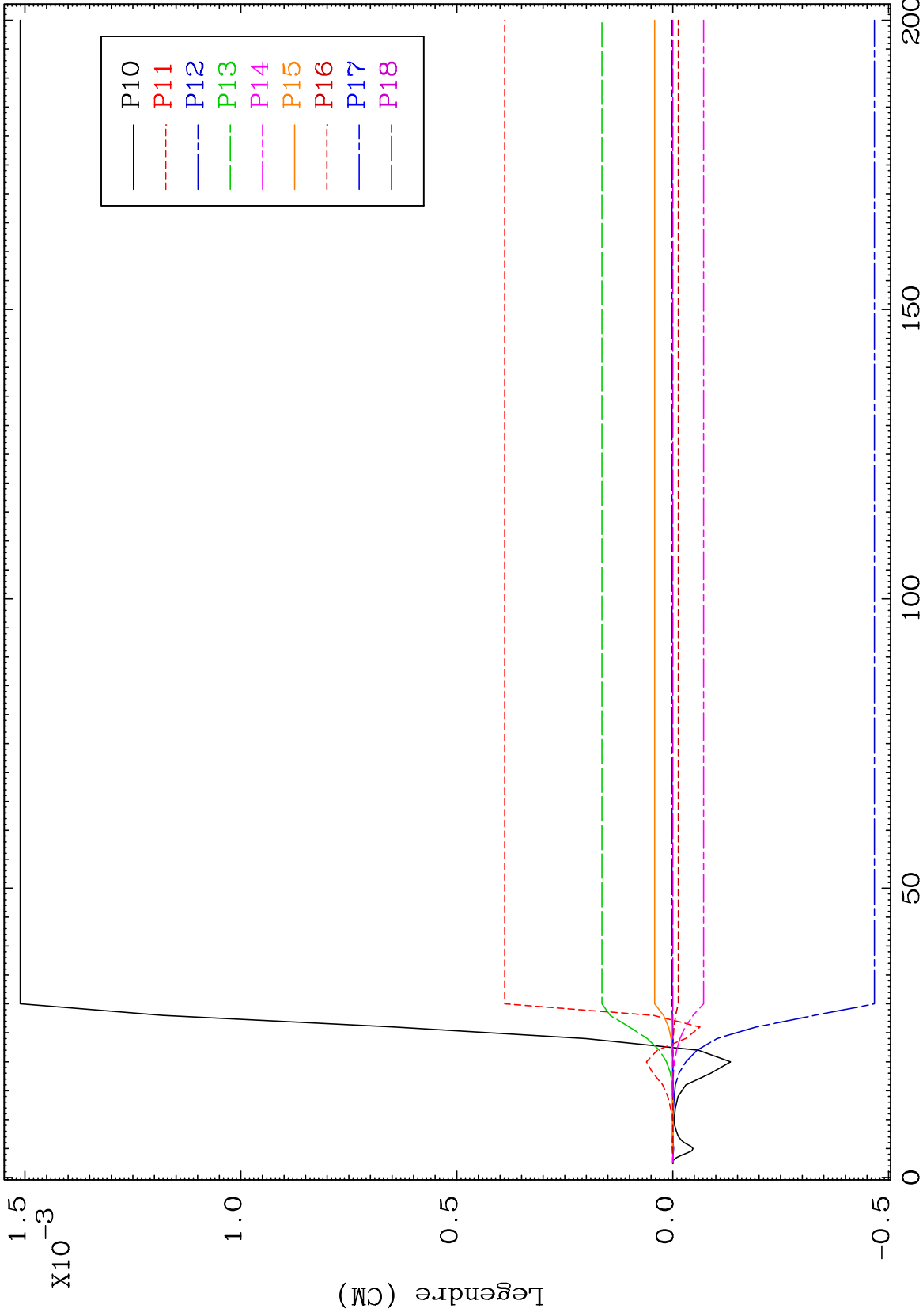
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



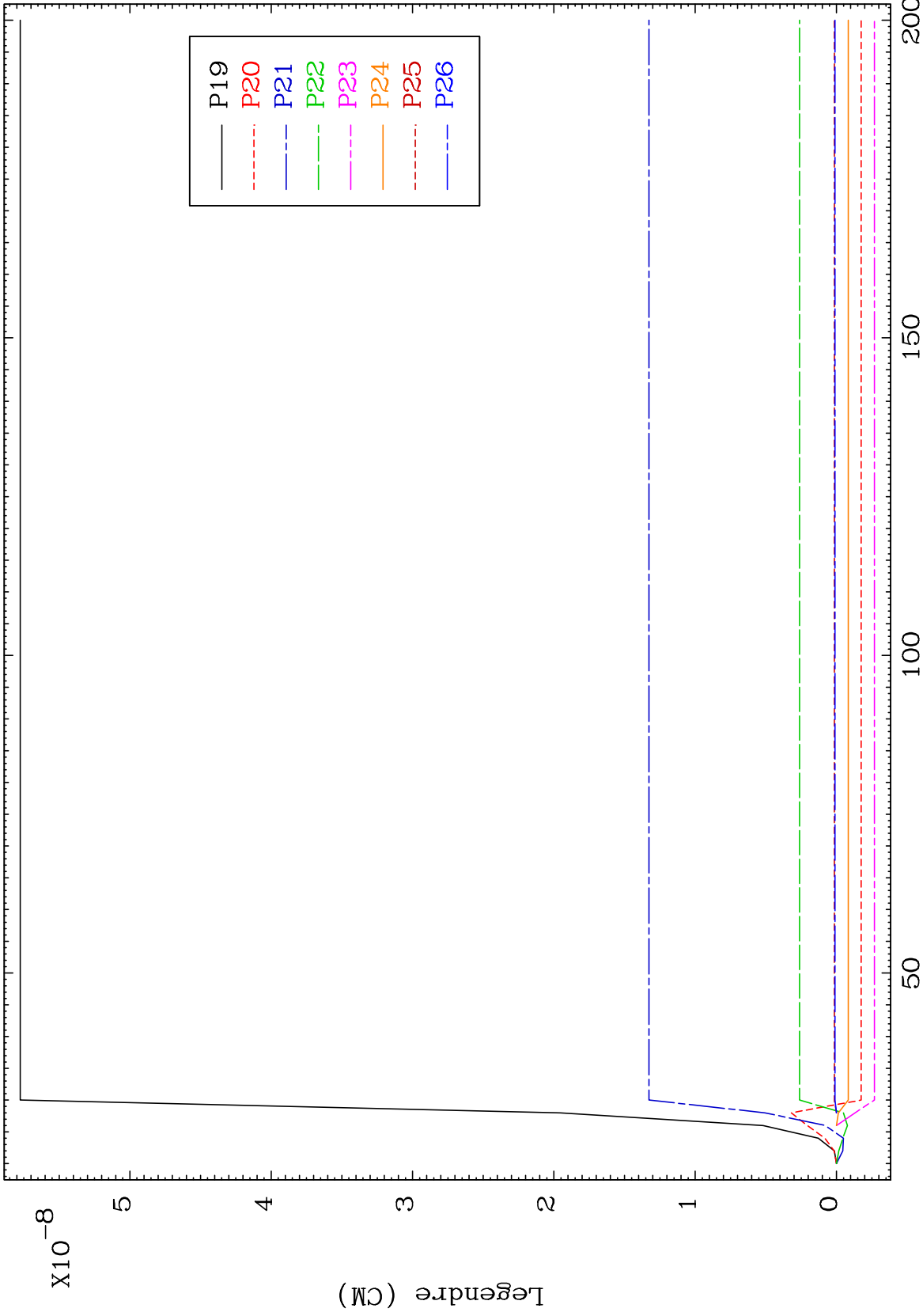
46

64-Gd-164

MAT 6461

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

64-Gd-164



47

Incident Energy (MeV)

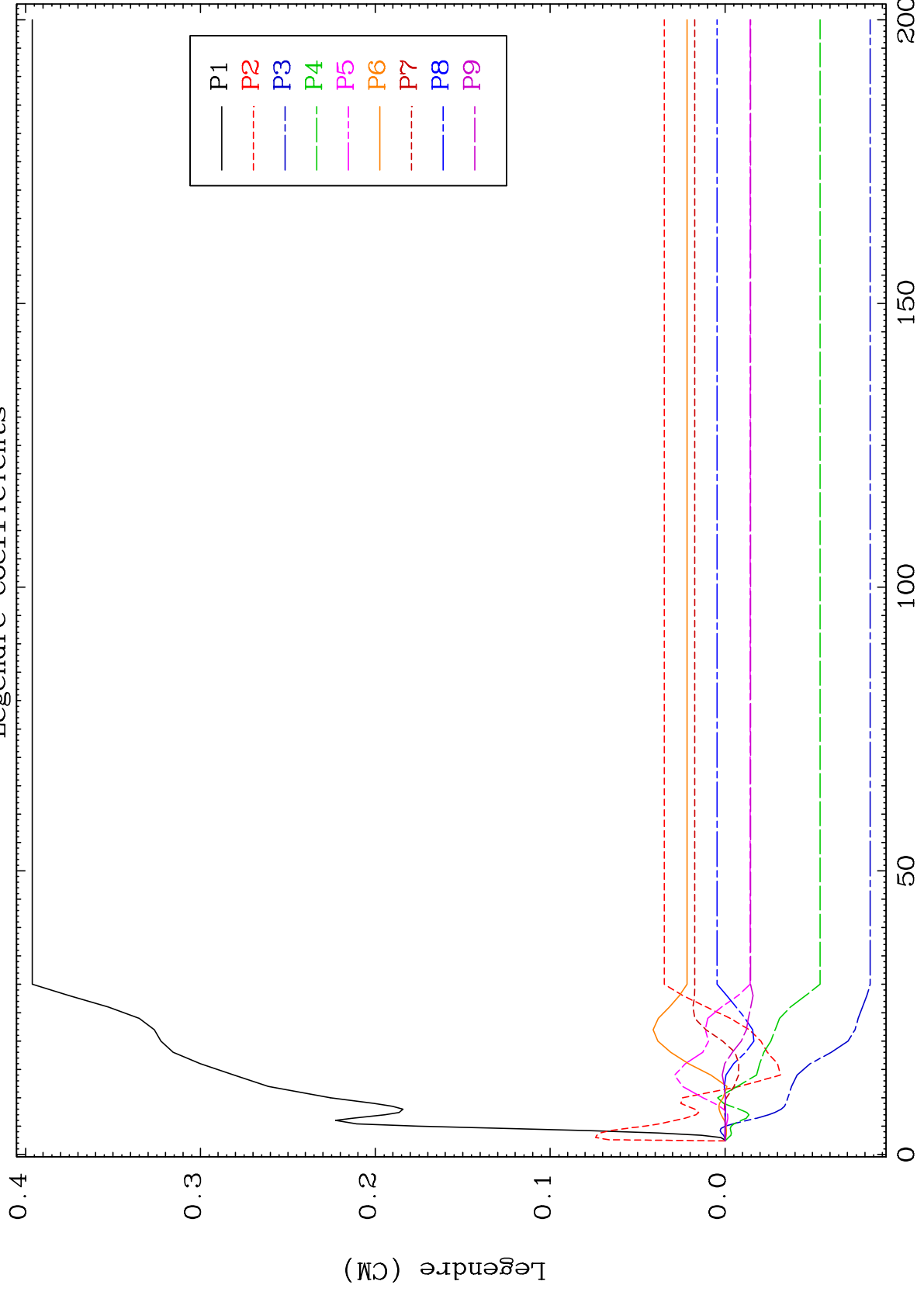
64-Gd-164



MAT 6461 MT= 59 (n,n') Level Legendre Coefficients

64-Gd-164

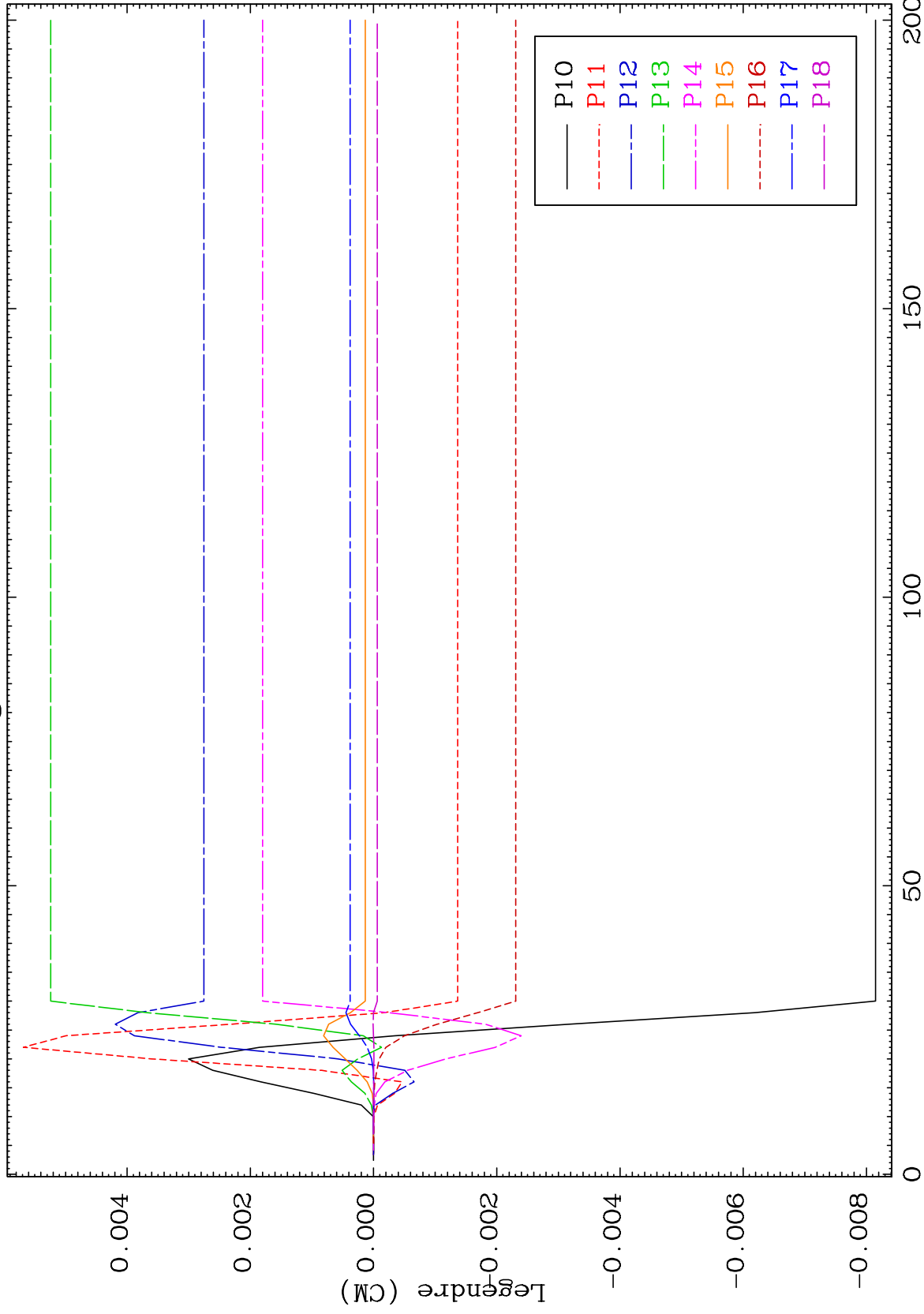
64-Gd-164



MAT 6461

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

64-Gd-164



49

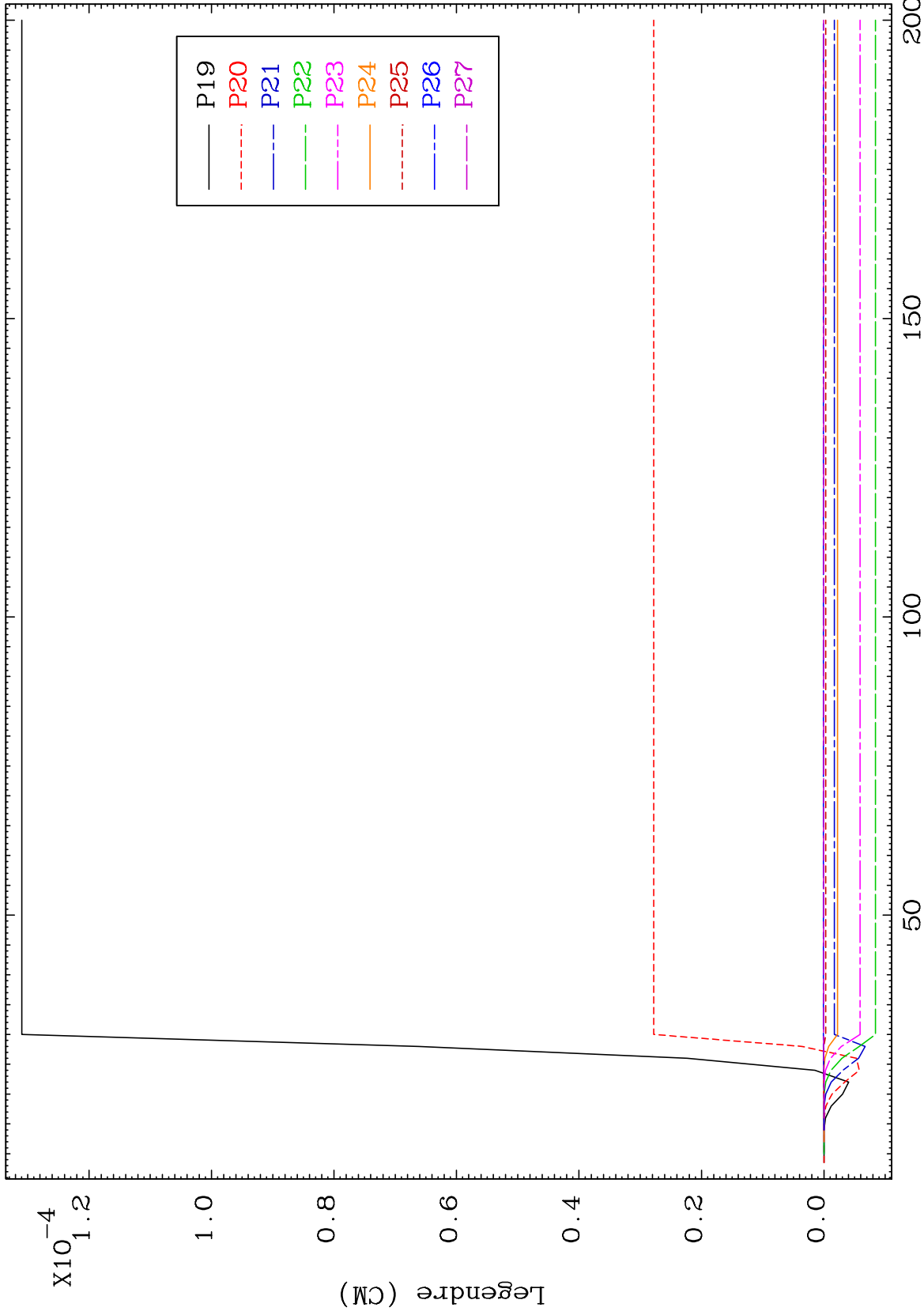
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



50

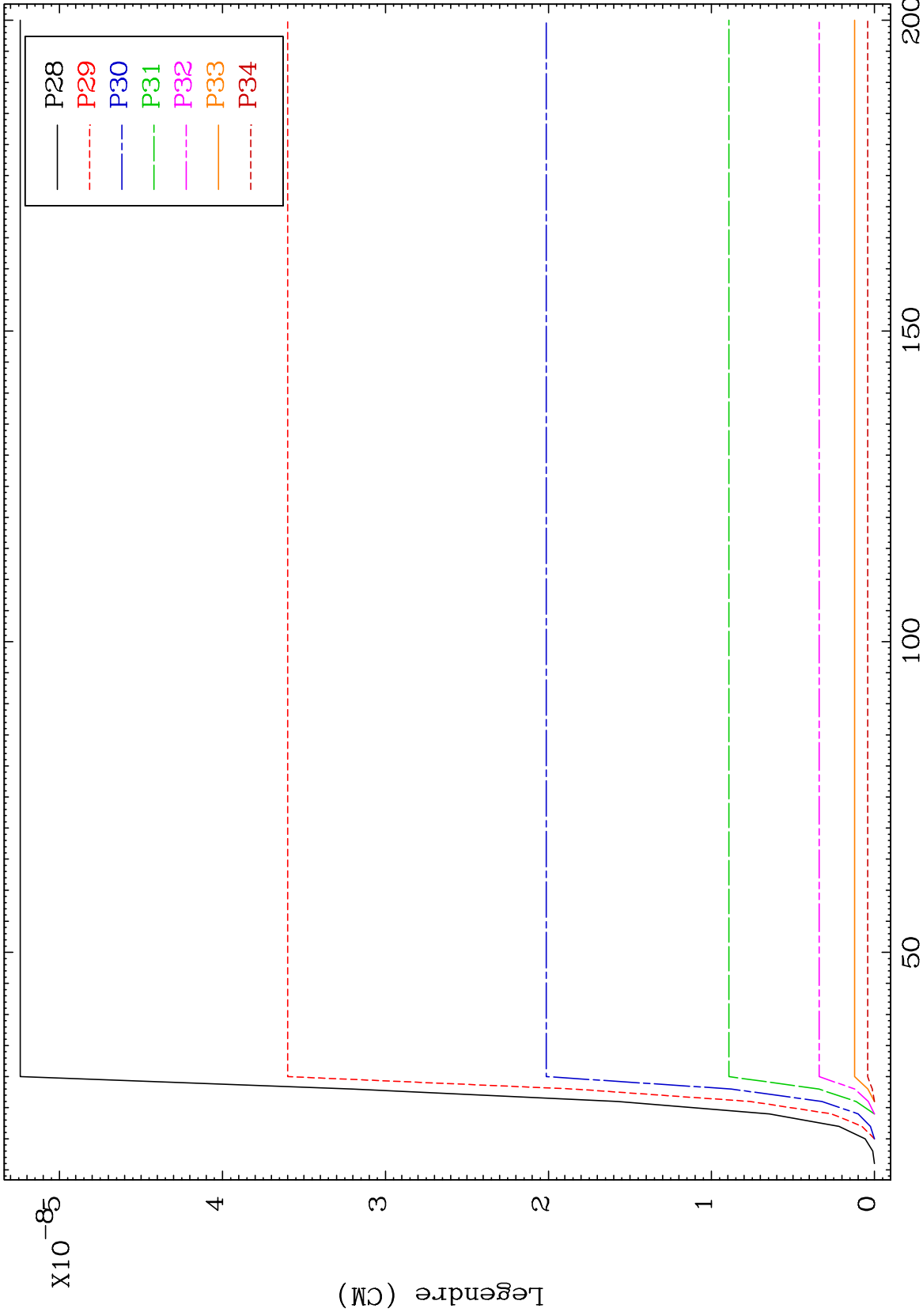
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



51

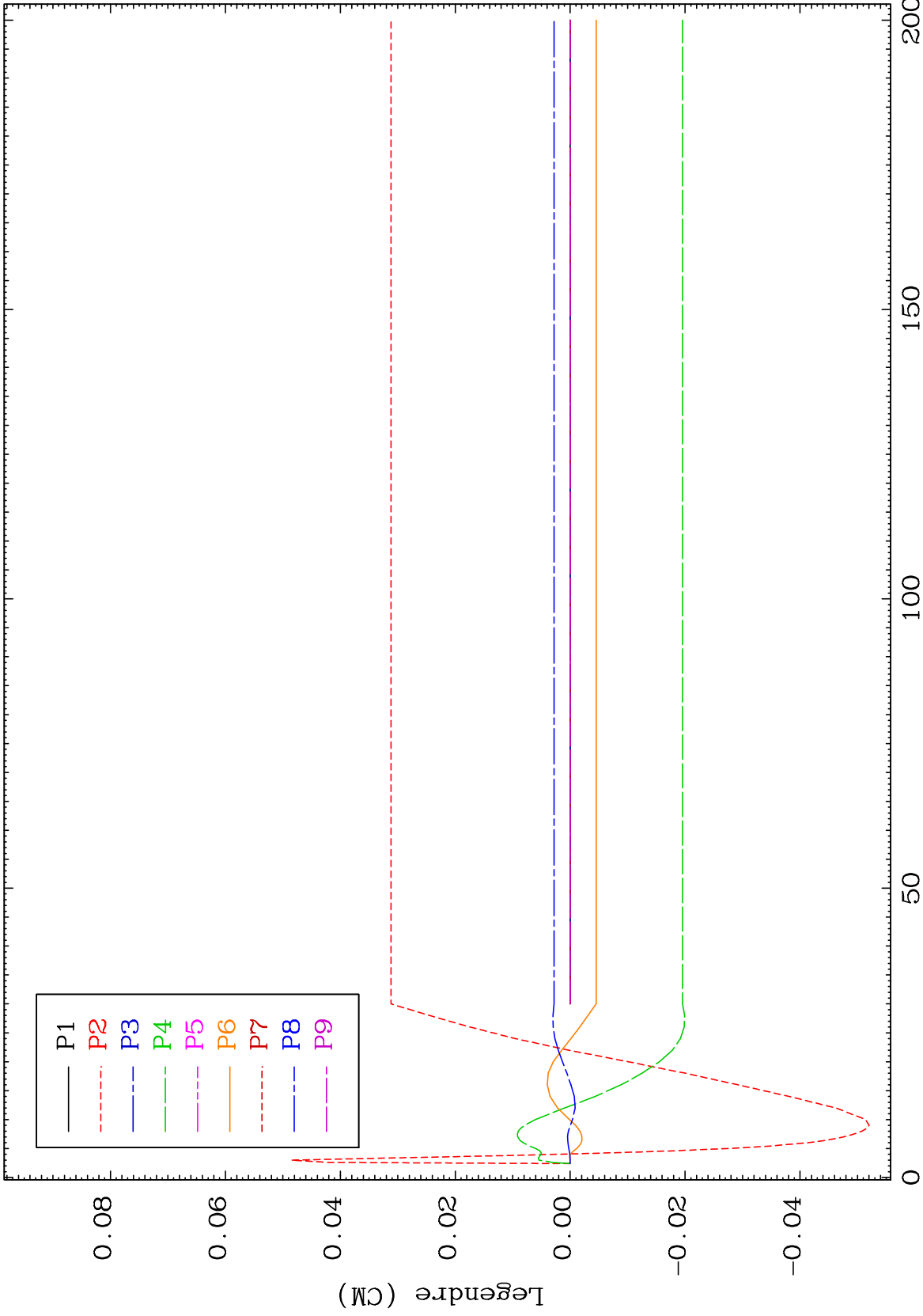
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



52

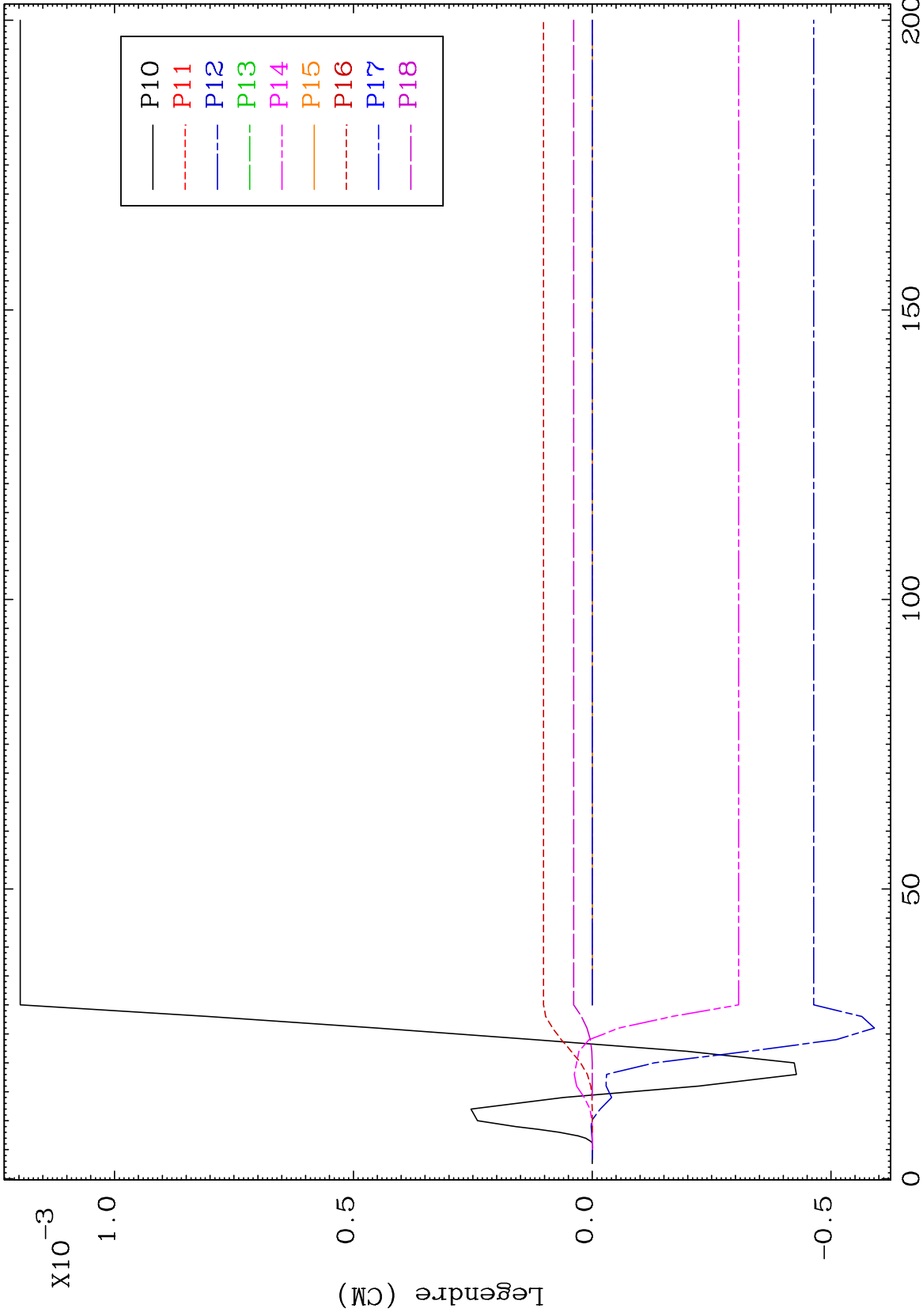
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



53

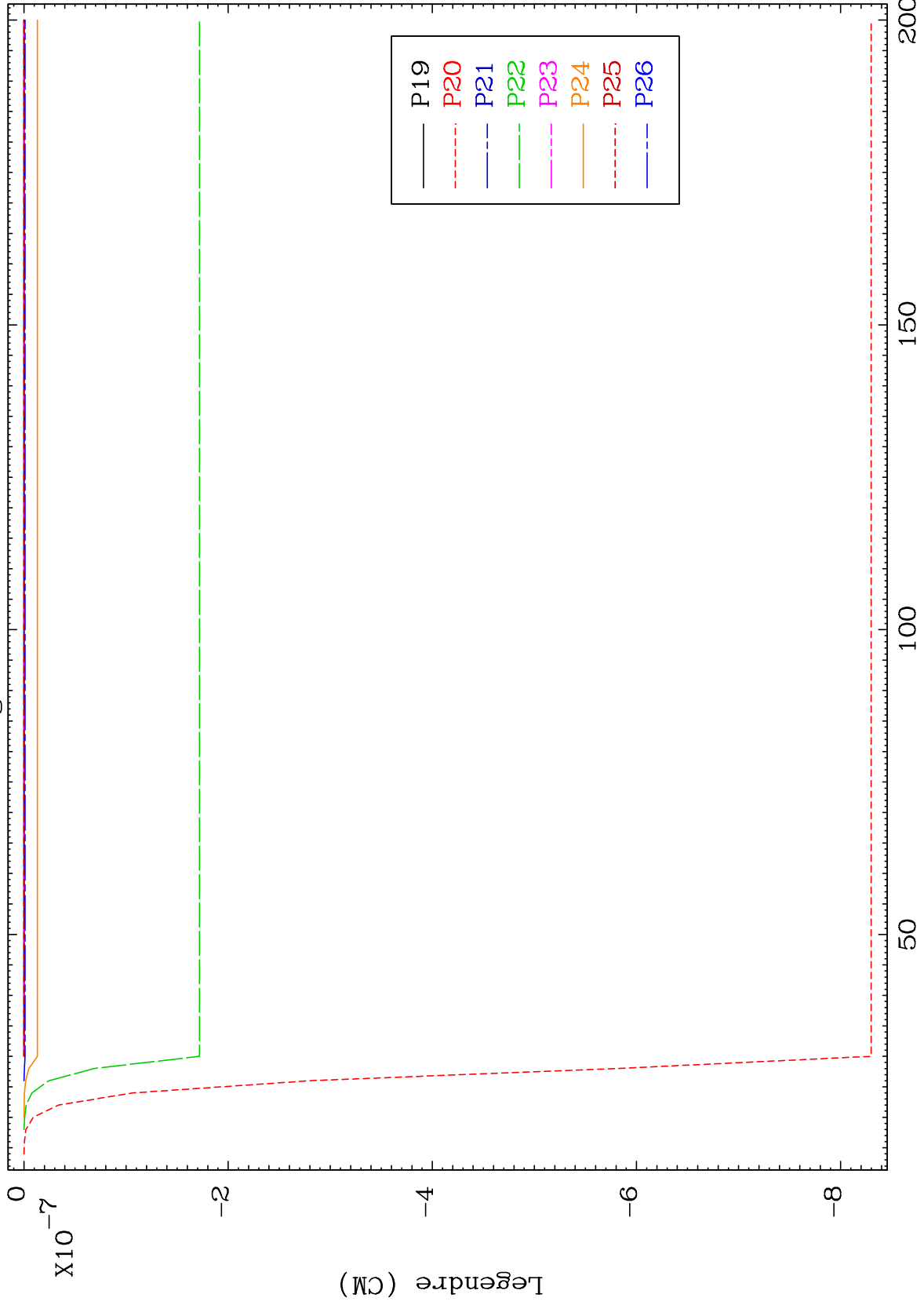
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



64-Gd-164

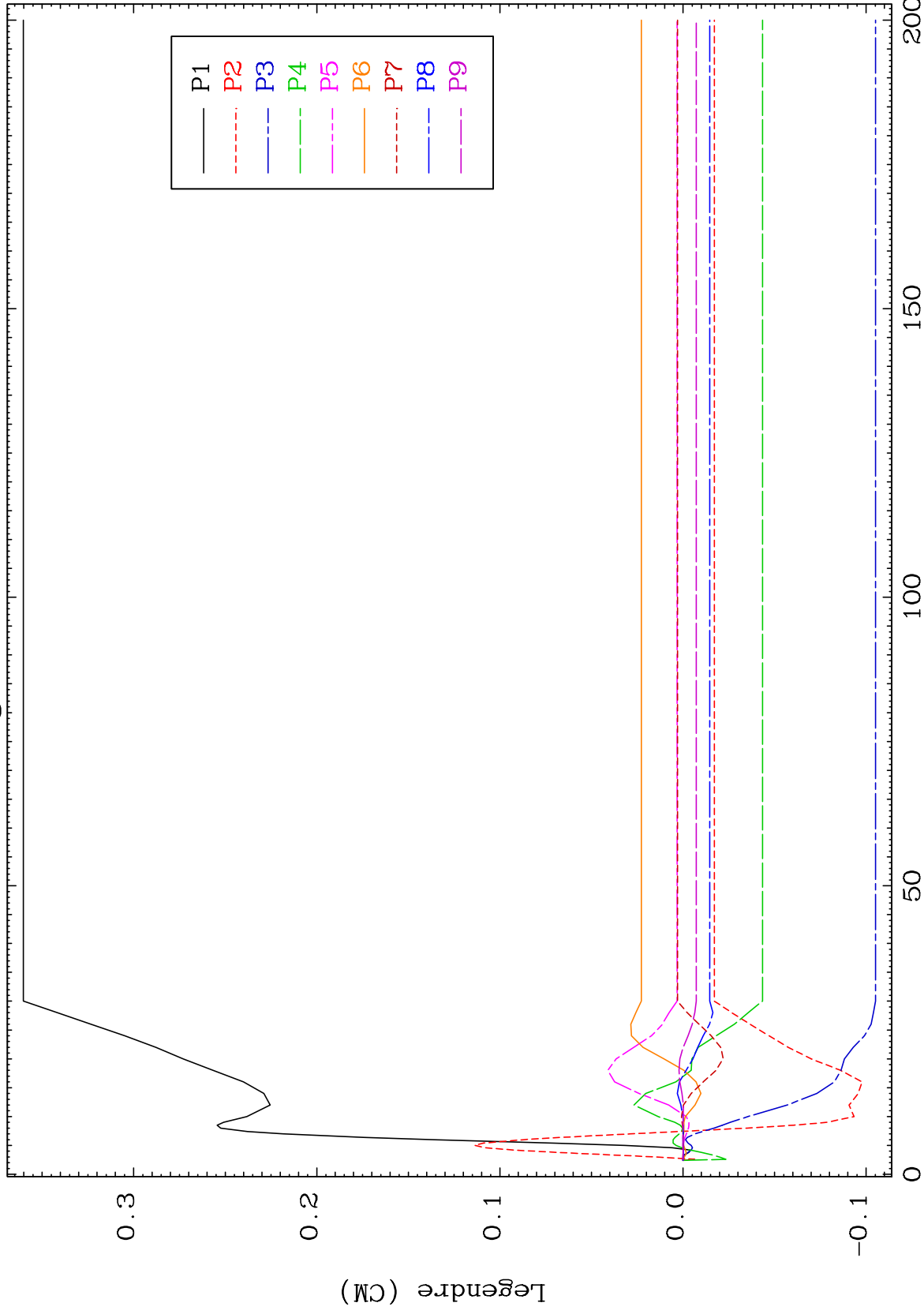
Incident Energy (MeV)

54

MAT 6461

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

64-Gd-164



55

Incident Energy (MeV)

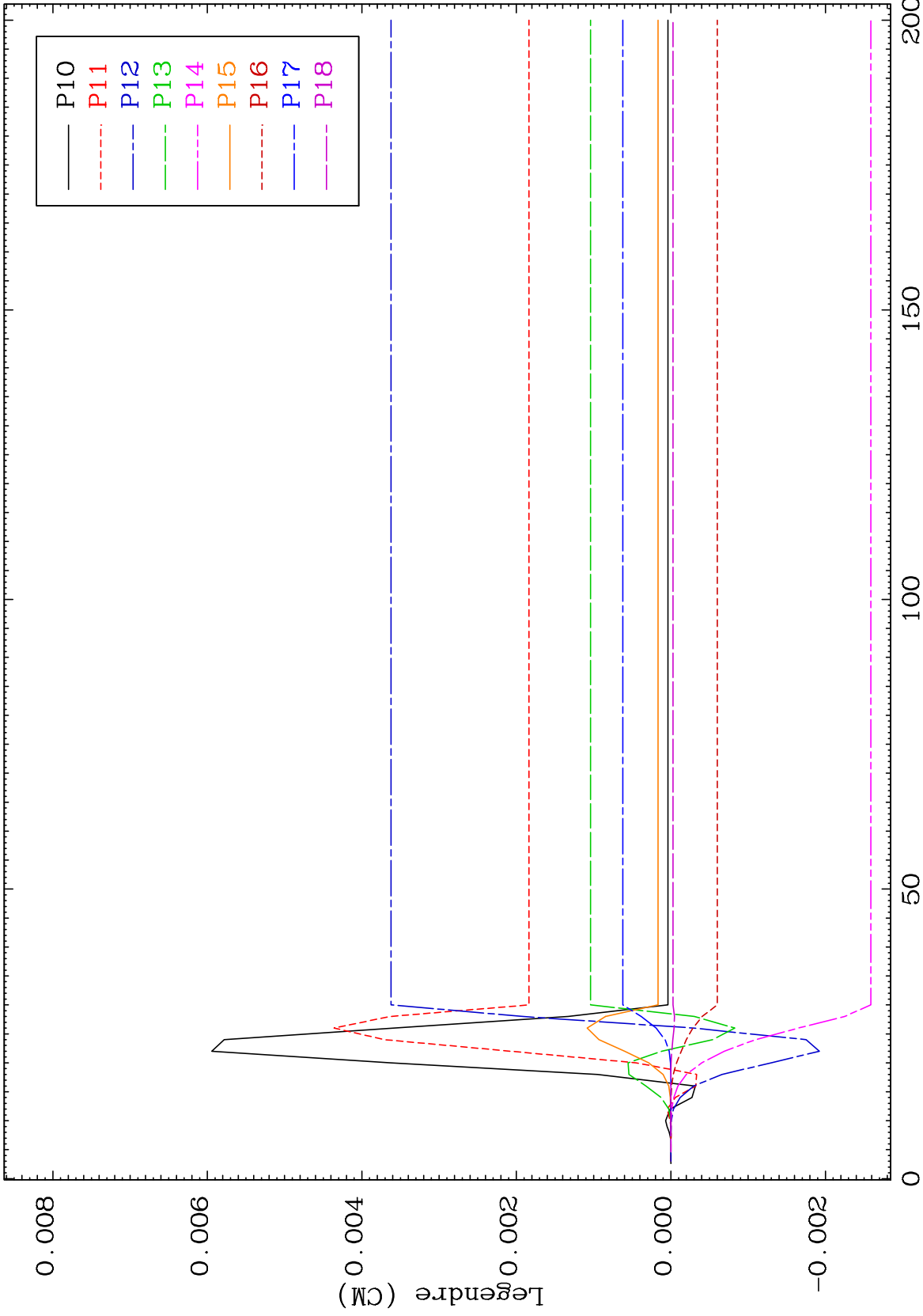
64-Gd-164



MAT 6461

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

64-Gd-164



56

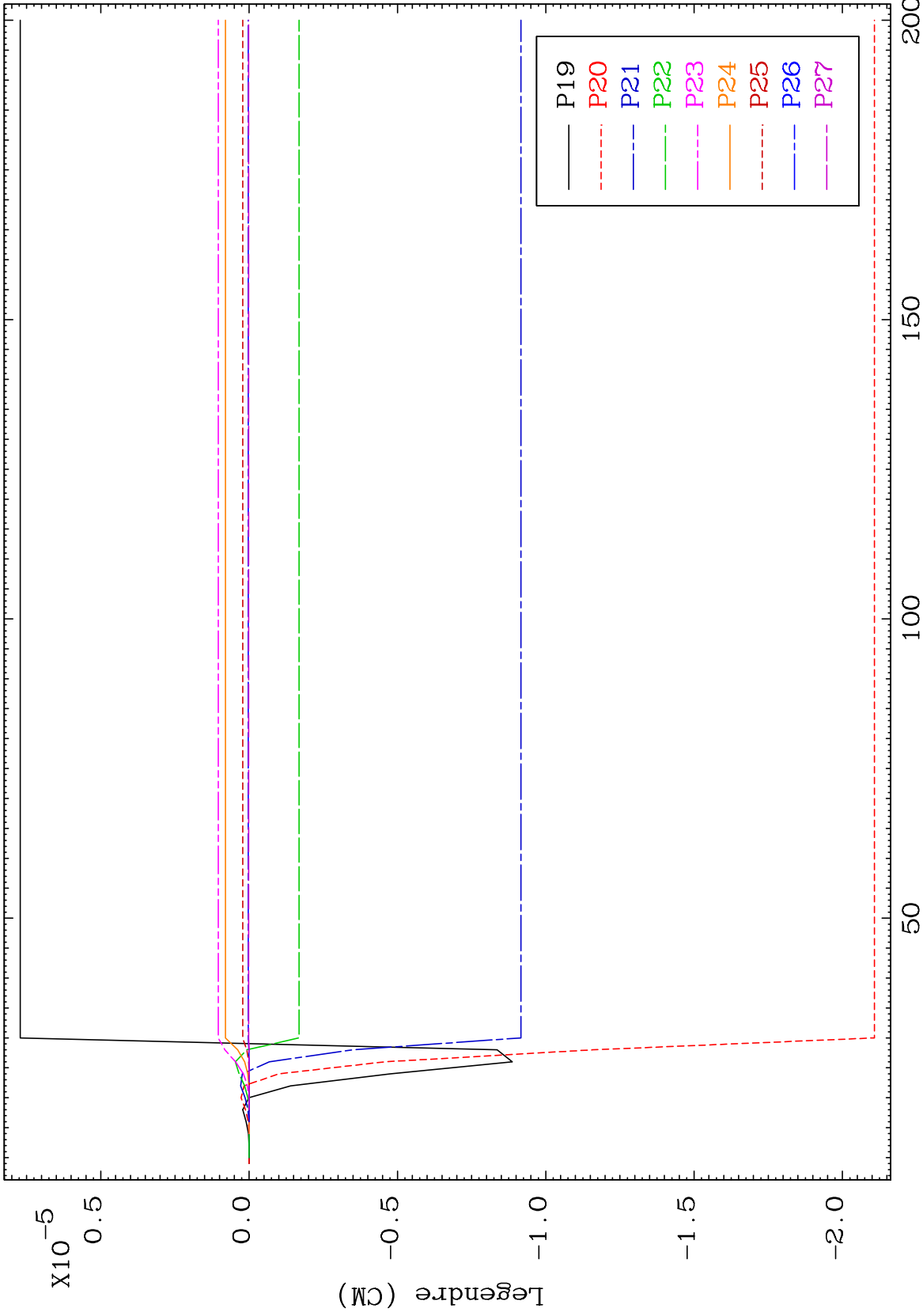
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



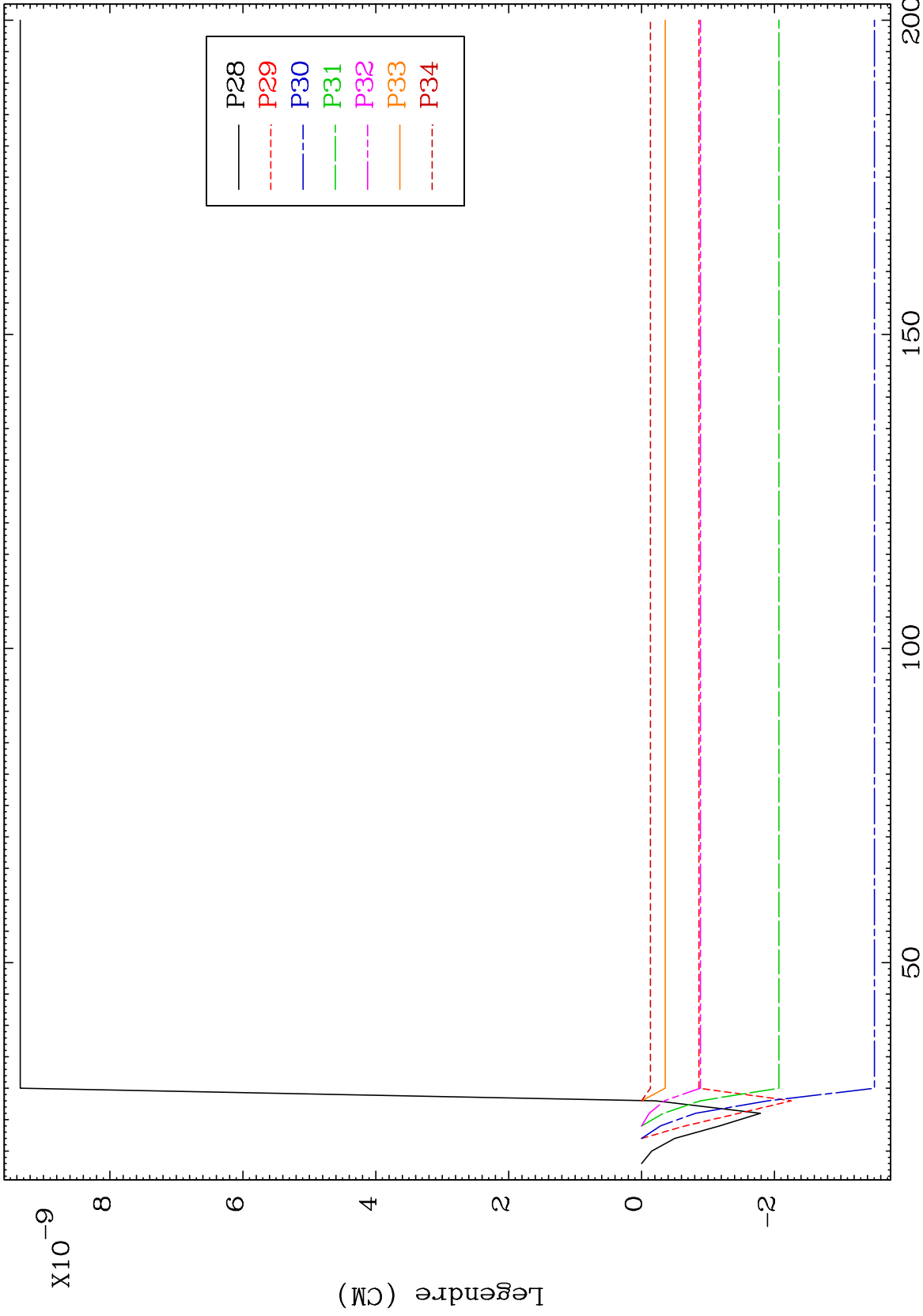
57

64-Gd-164

MAT 6461

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

64-Gd-164

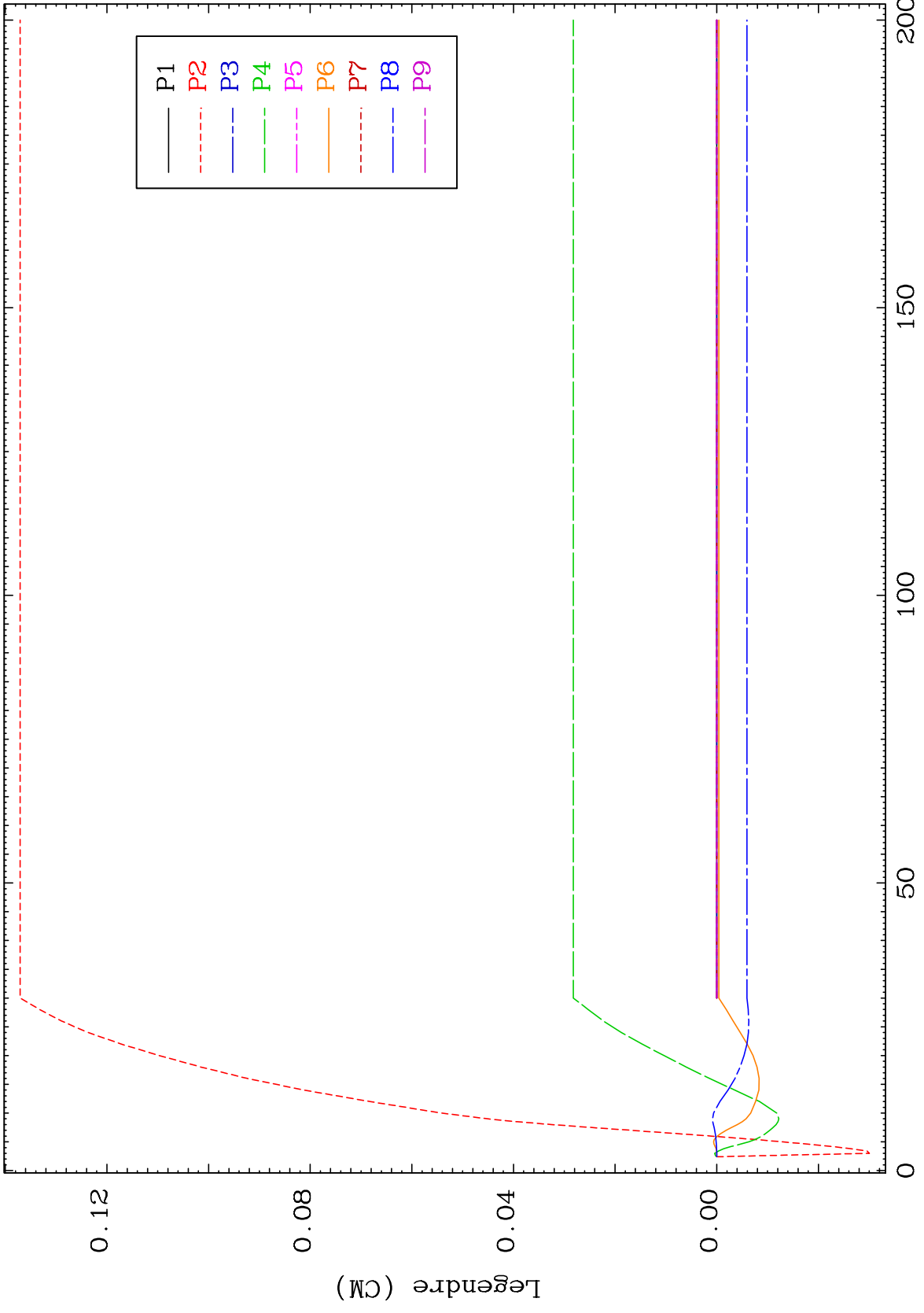


58

Incident Energy (MeV)

64-Gd-164

MAT 6461 MT= 62 (n,n') Level Legendre Coefficients 64-Gd-164

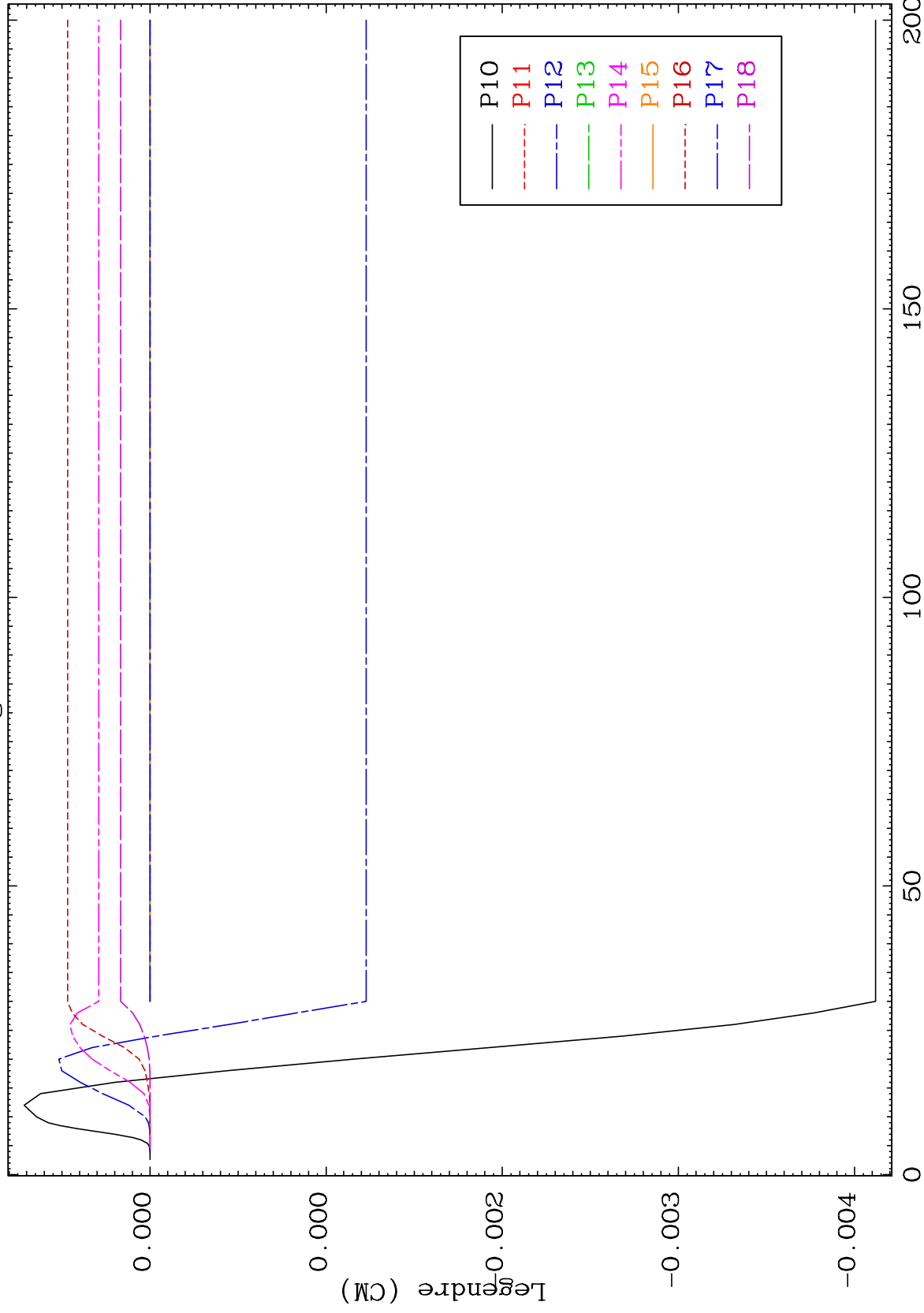


59 Incident Energy (MeV) 64-Gd-164

MAT 6461

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

64-Gd-164



60

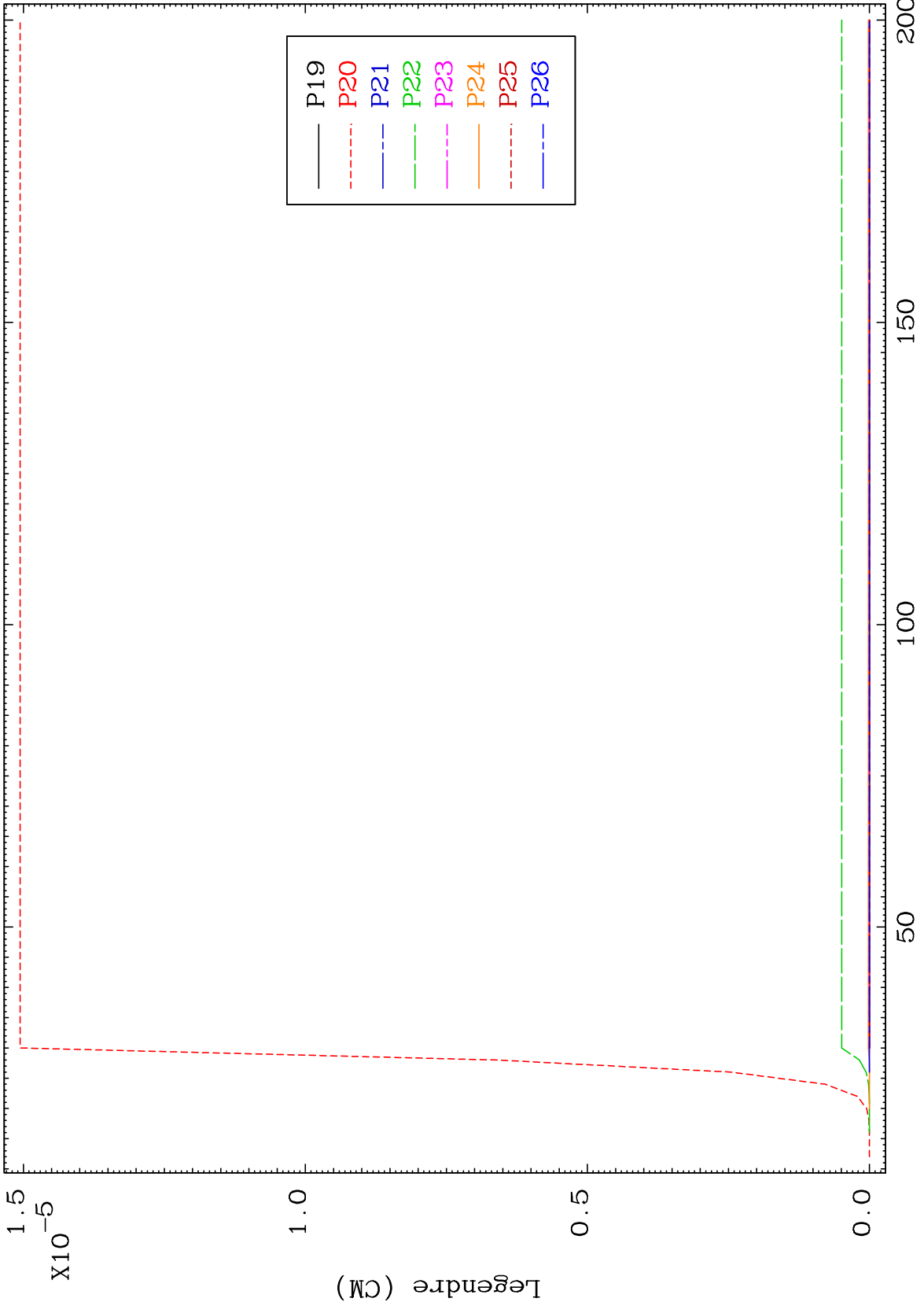
Incident Energy (MeV)

150

64-Gd-164

200

MAT 6461 MT= 62 (n,n') Level Legendre Coefficients 64-Gd-164

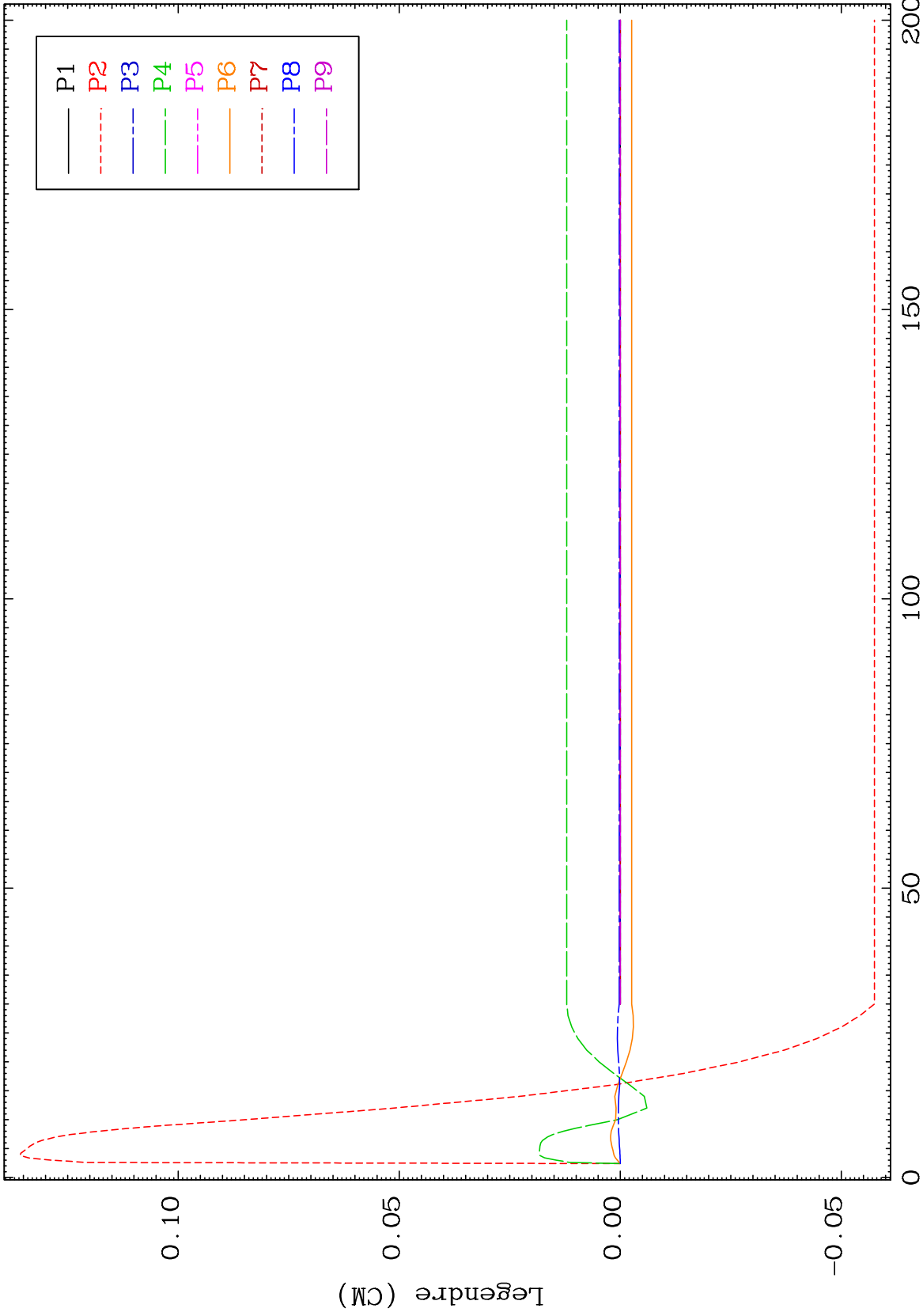


61 Incident Energy (MeV) 64-Gd-164

MAT 6461

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

64-Gd-164



62

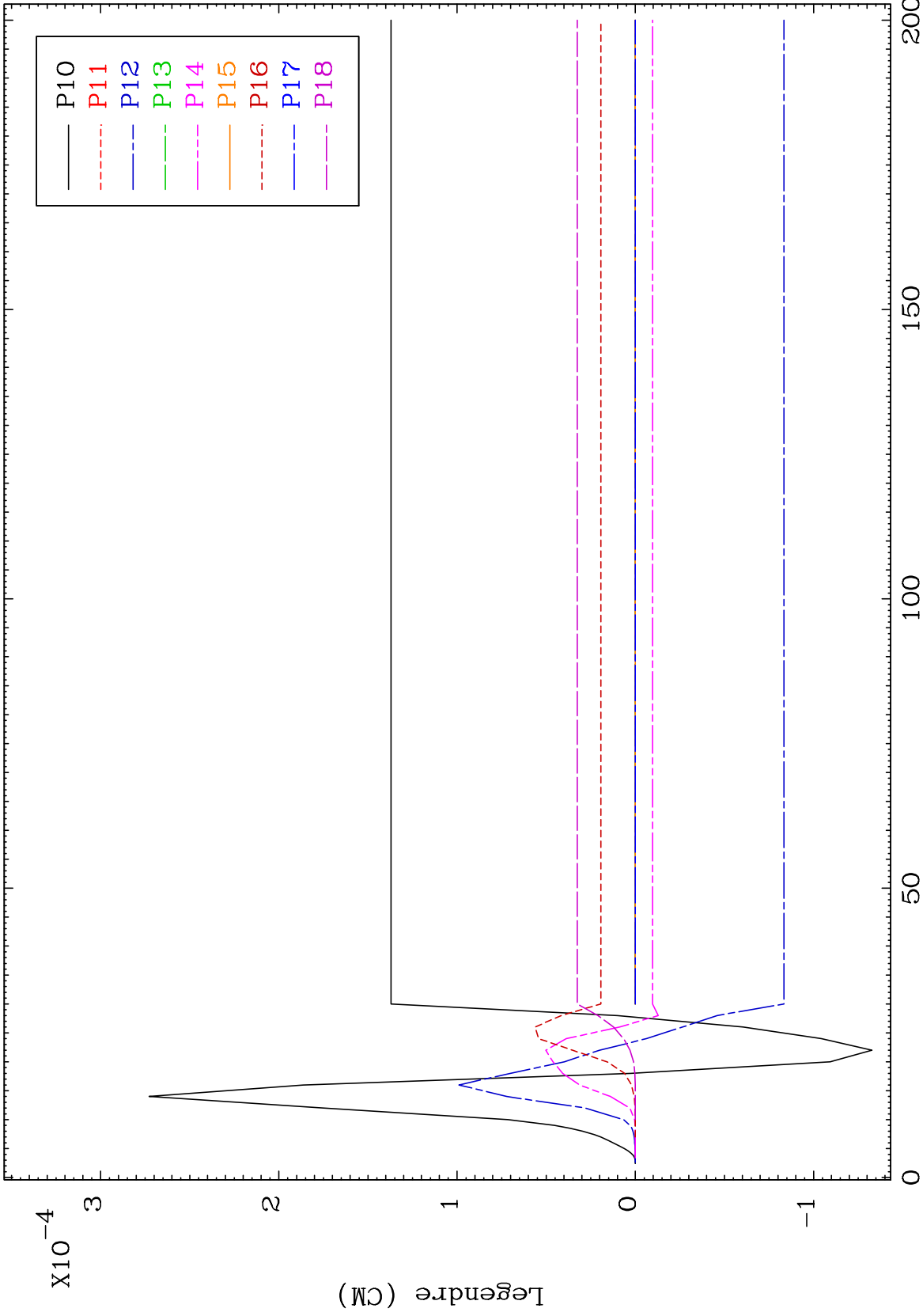
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



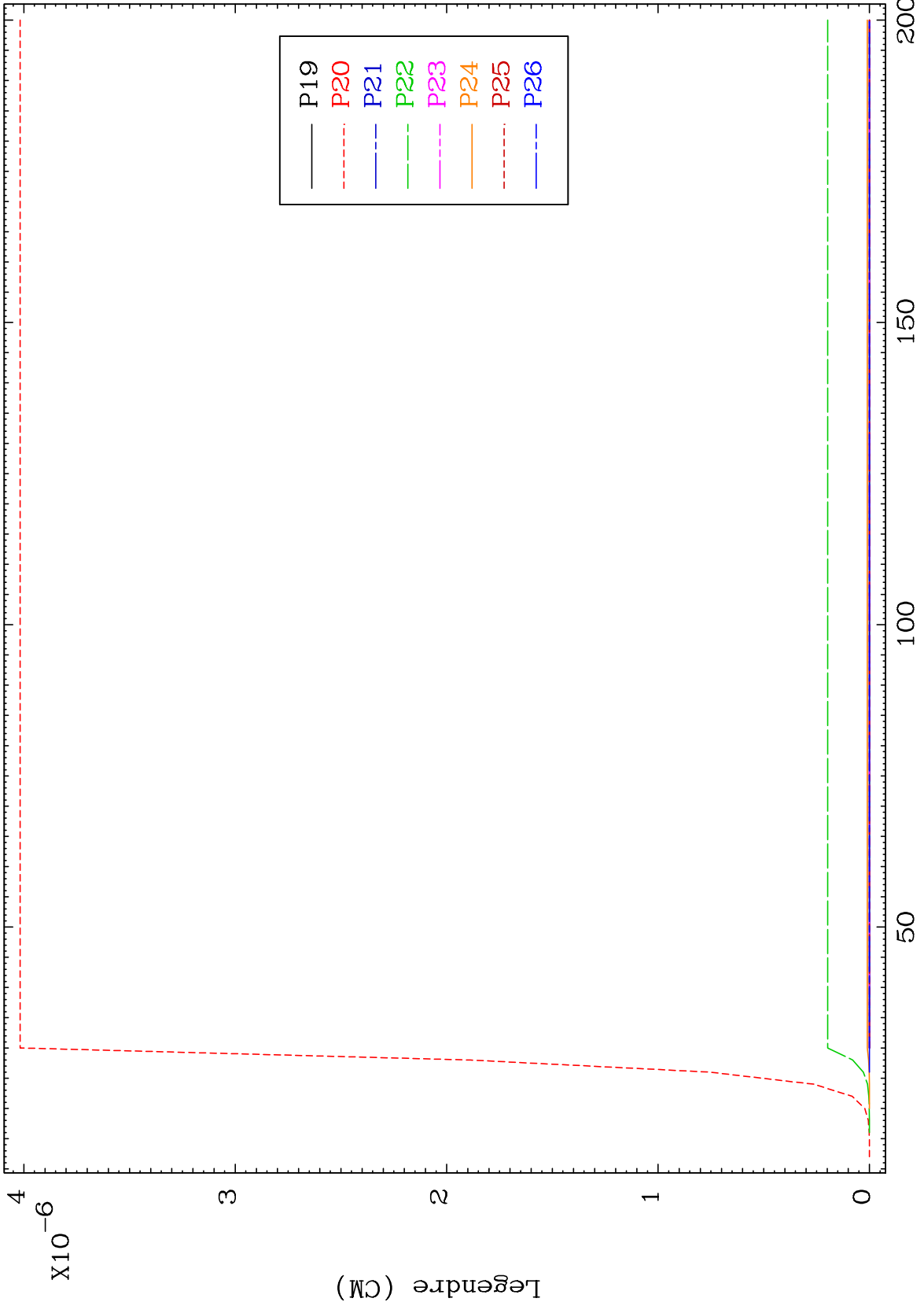
63

Incident Energy (MeV)

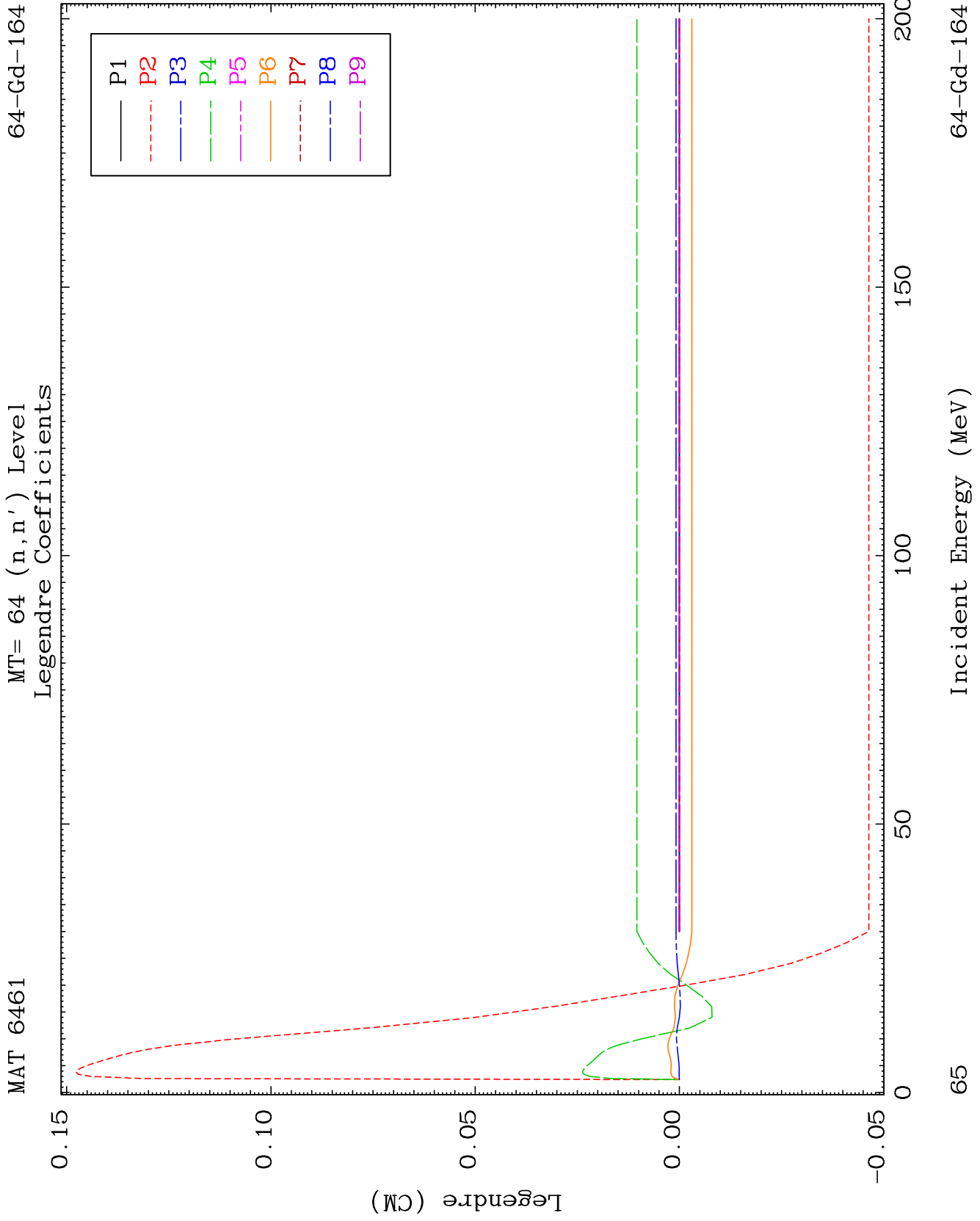
64-Gd-164



MAT 6461 MT= 63 (n,n') Level Legendre Coefficients 64-Gd-164



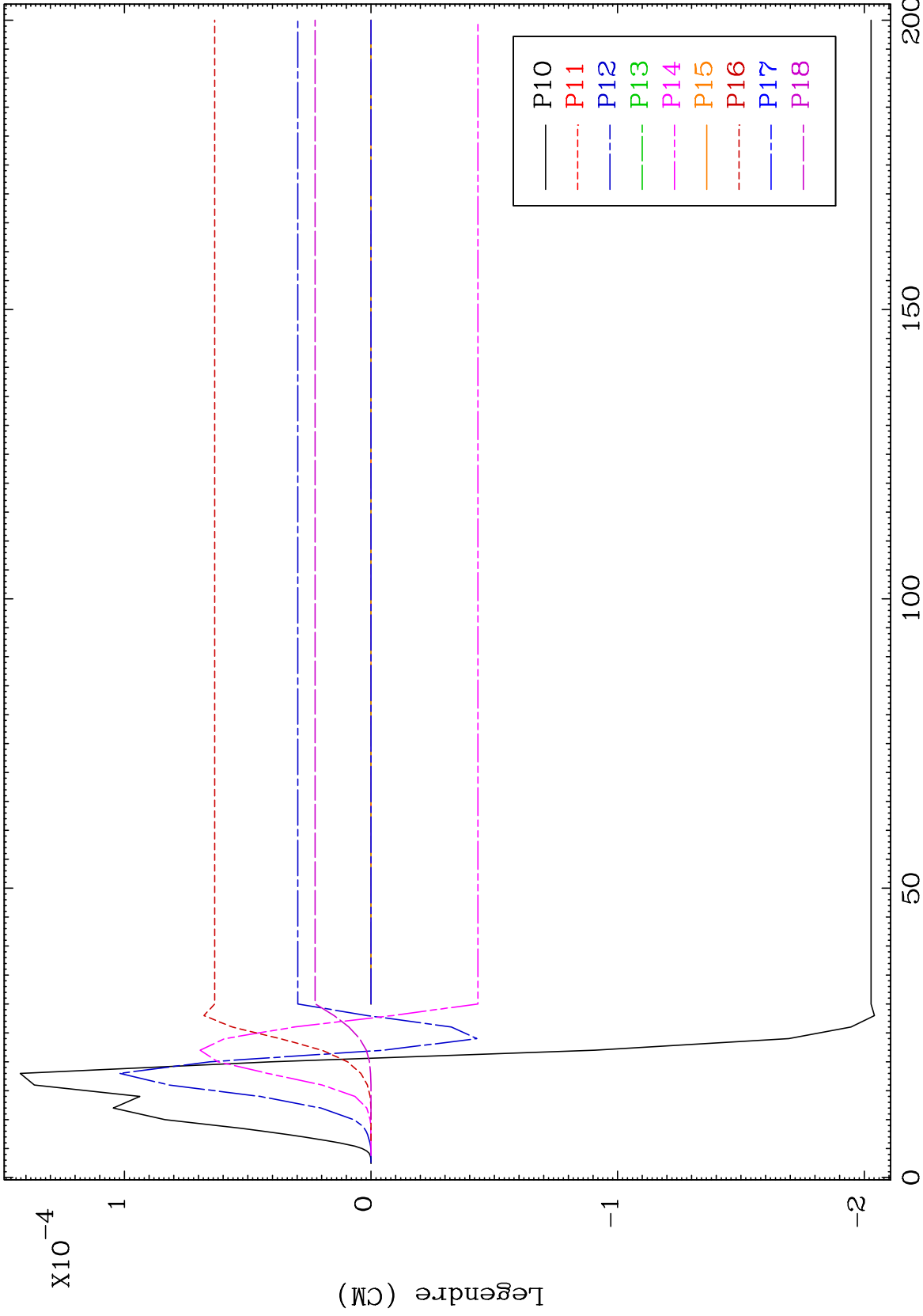
64 64-Gd-164



MAT 6461

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

64-Gd-164

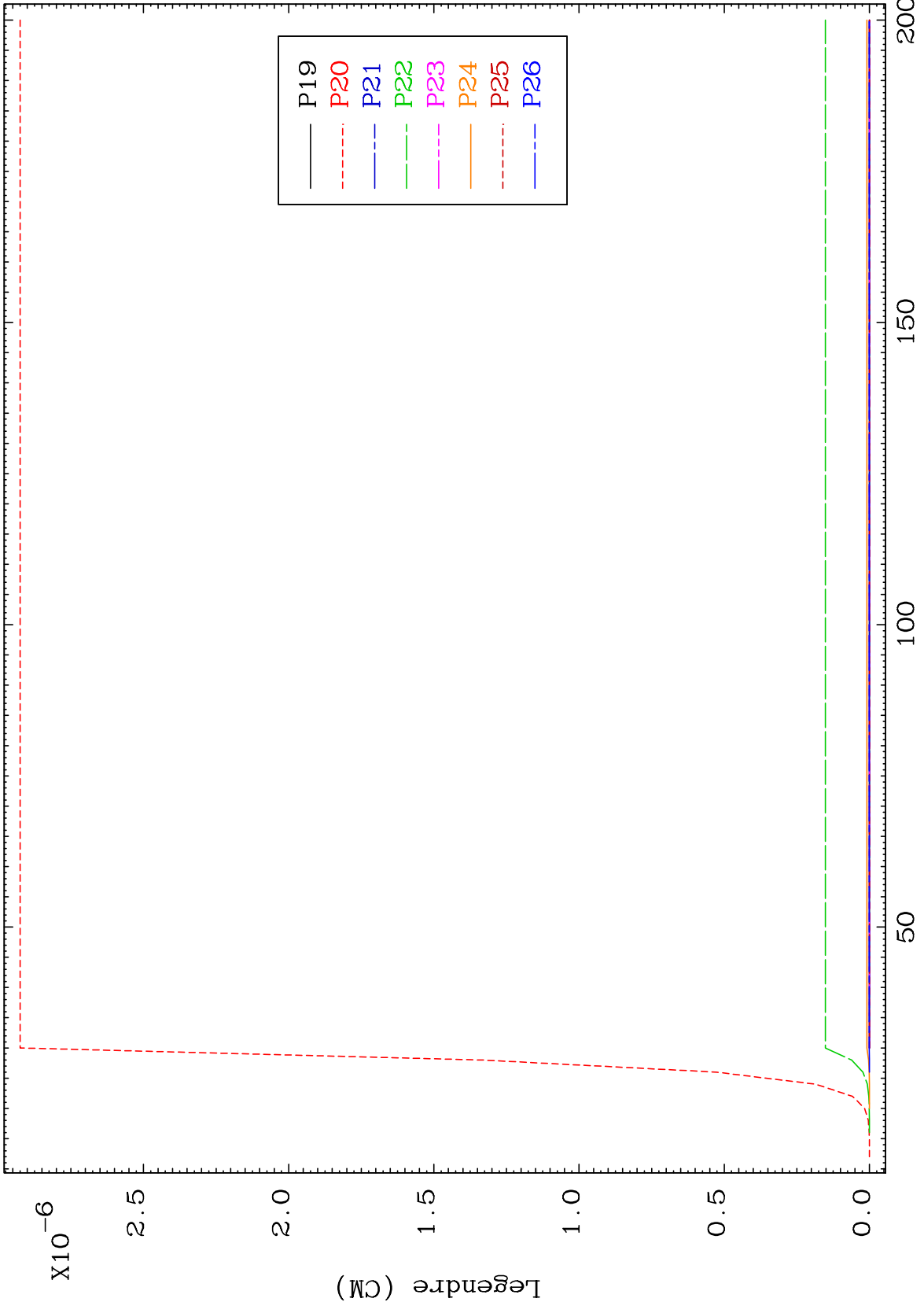


66

Incident Energy (MeV)

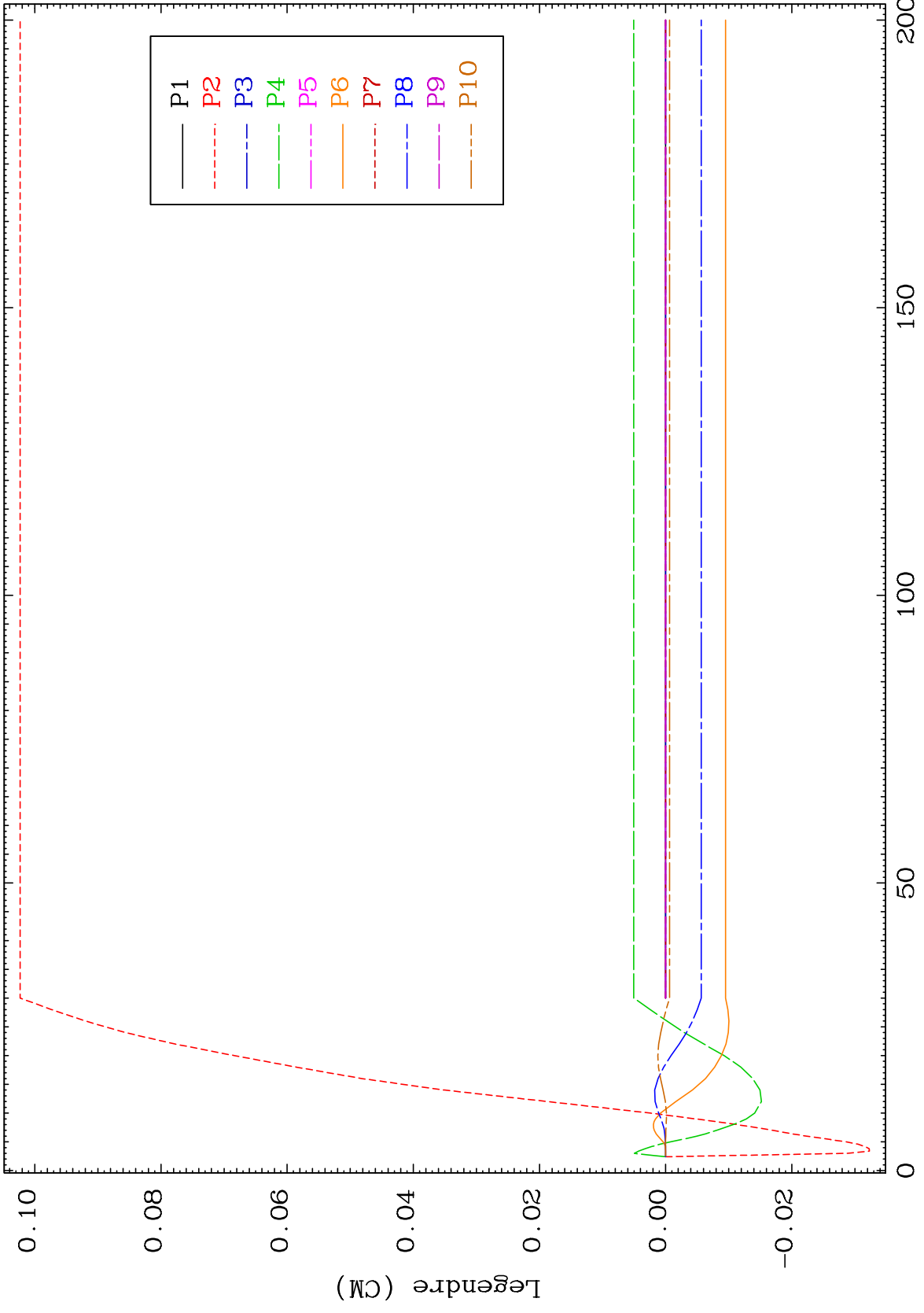
64-Gd-164

MAT 6461 MT= 64 (n,n') Level Legendre Coefficients 64-Gd-164



67 64-Gd-164

MAT 6461 MT= 65 (n,n') Level Legendre Coefficients 64-Gd-164

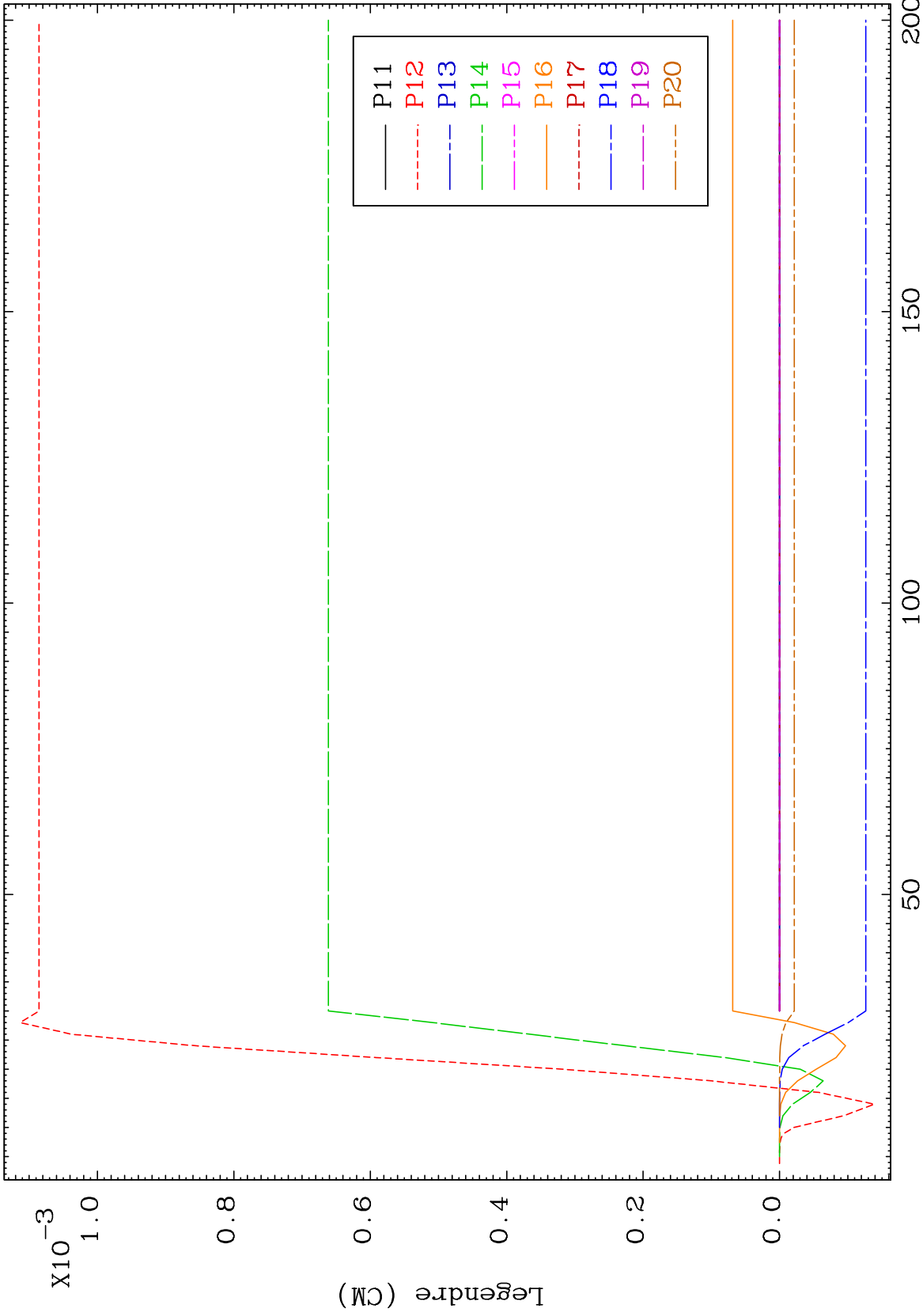


68 64-Gd-164

MAT 6461

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

64-Gd-164

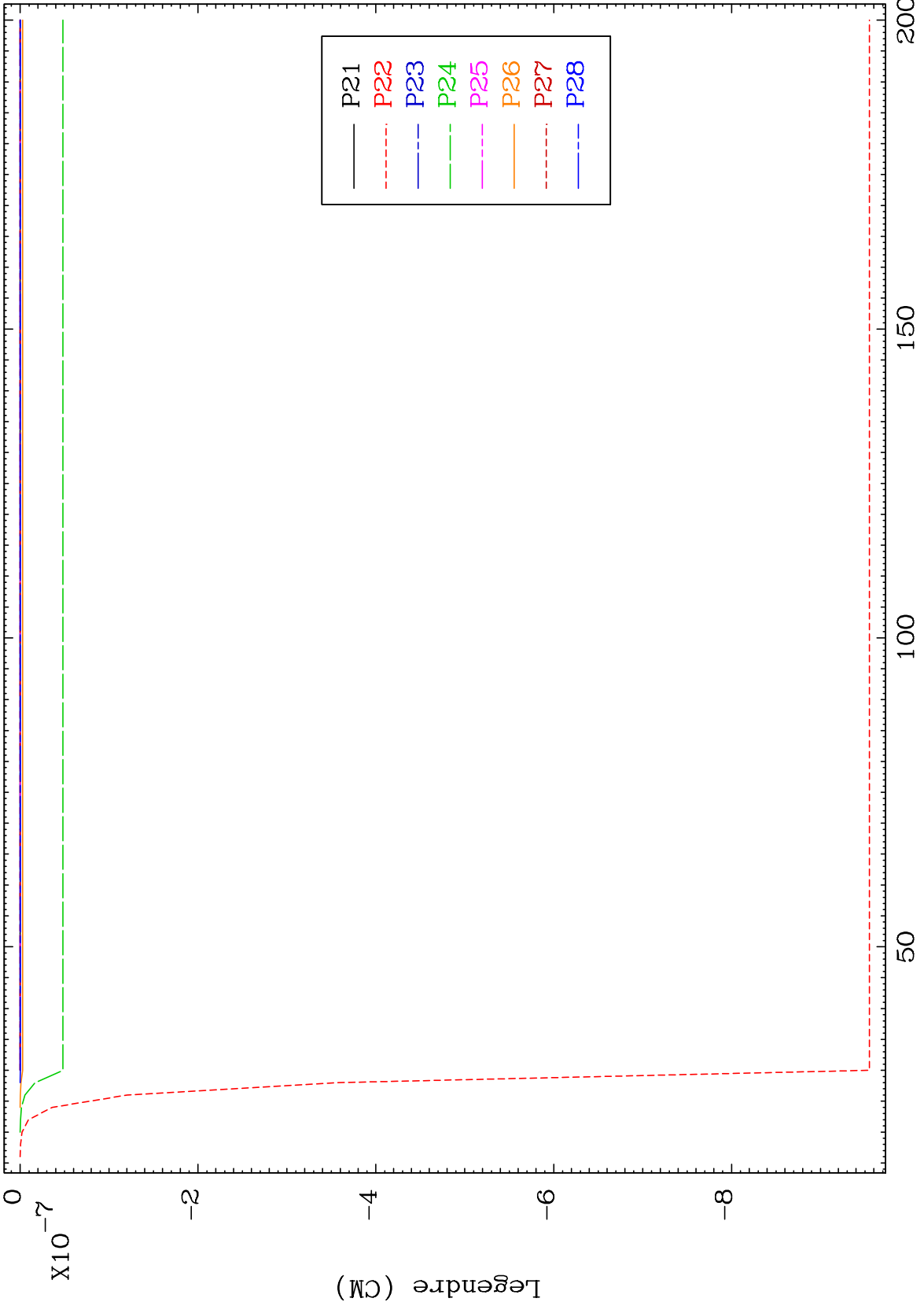


69

Incident Energy (MeV)

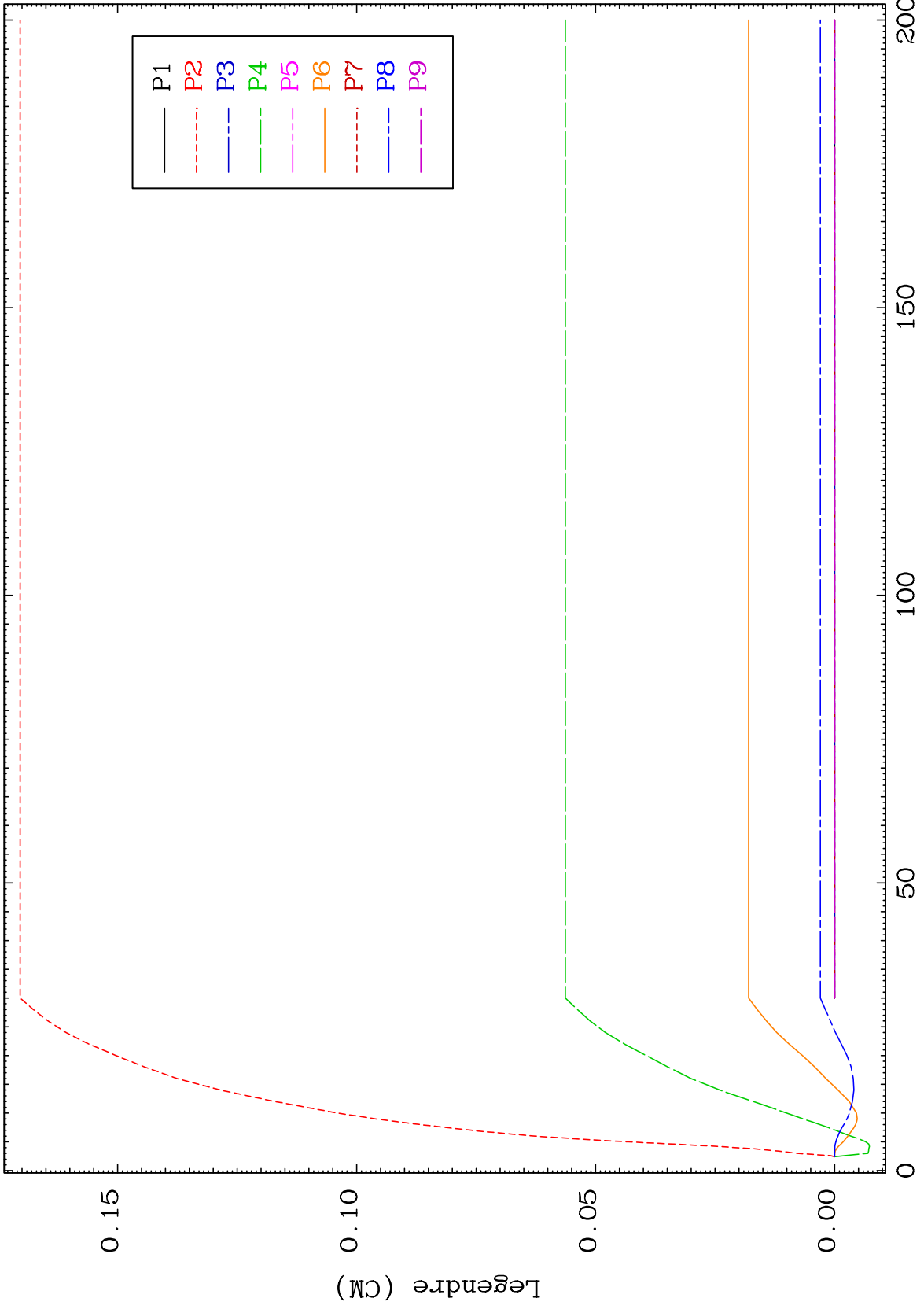
64-Gd-164

MAT 6461 MT= 65 (n,n') Level Legendre Coefficients 64-Gd-164



70 Incident Energy (MeV) 64-Gd-164

MAT 6461 MT= 66 (n,n') Level Legendre Coefficients 64-Gd-164



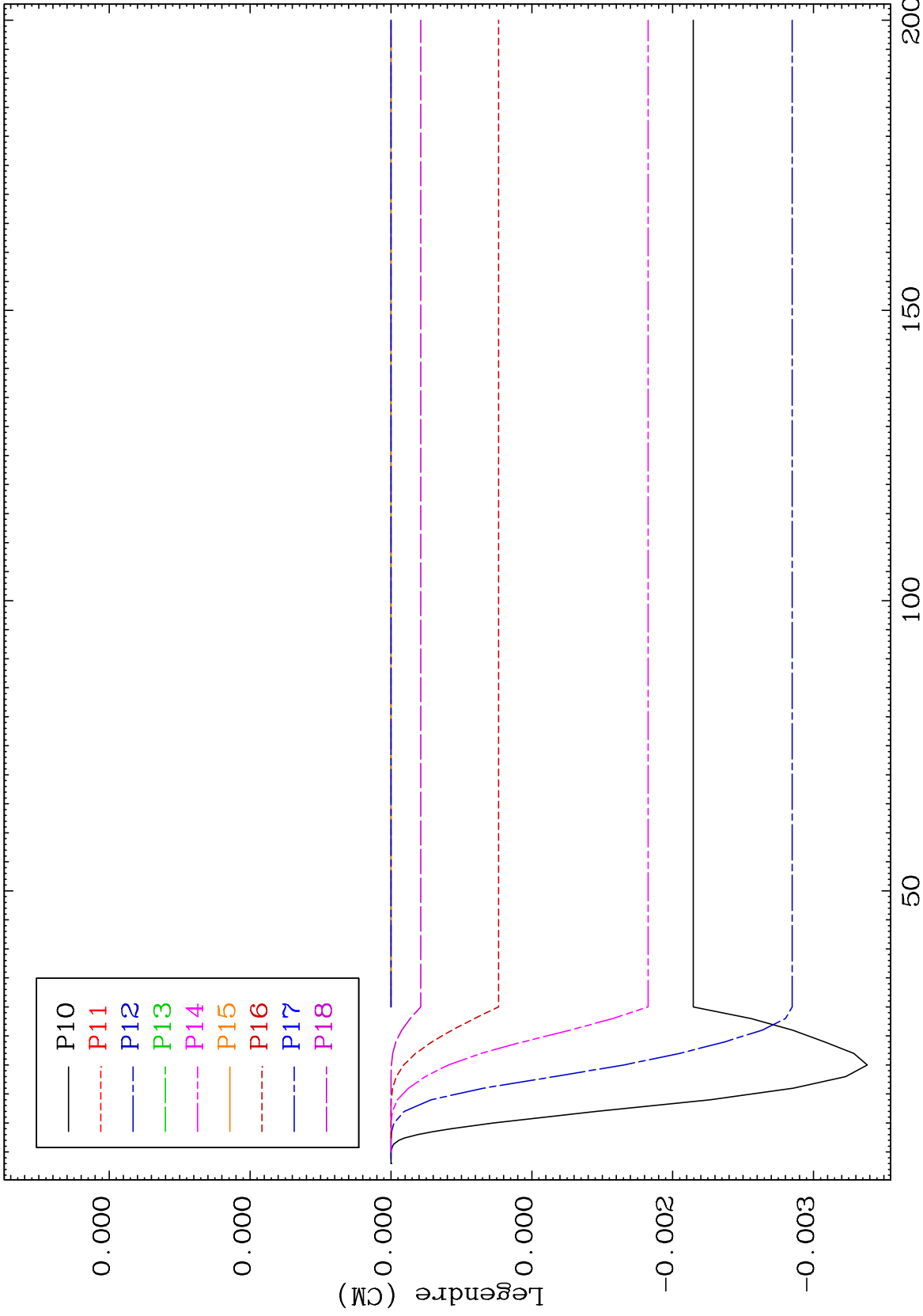
71 64-Gd-164



MAT 6461

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

64-Gd-164



72

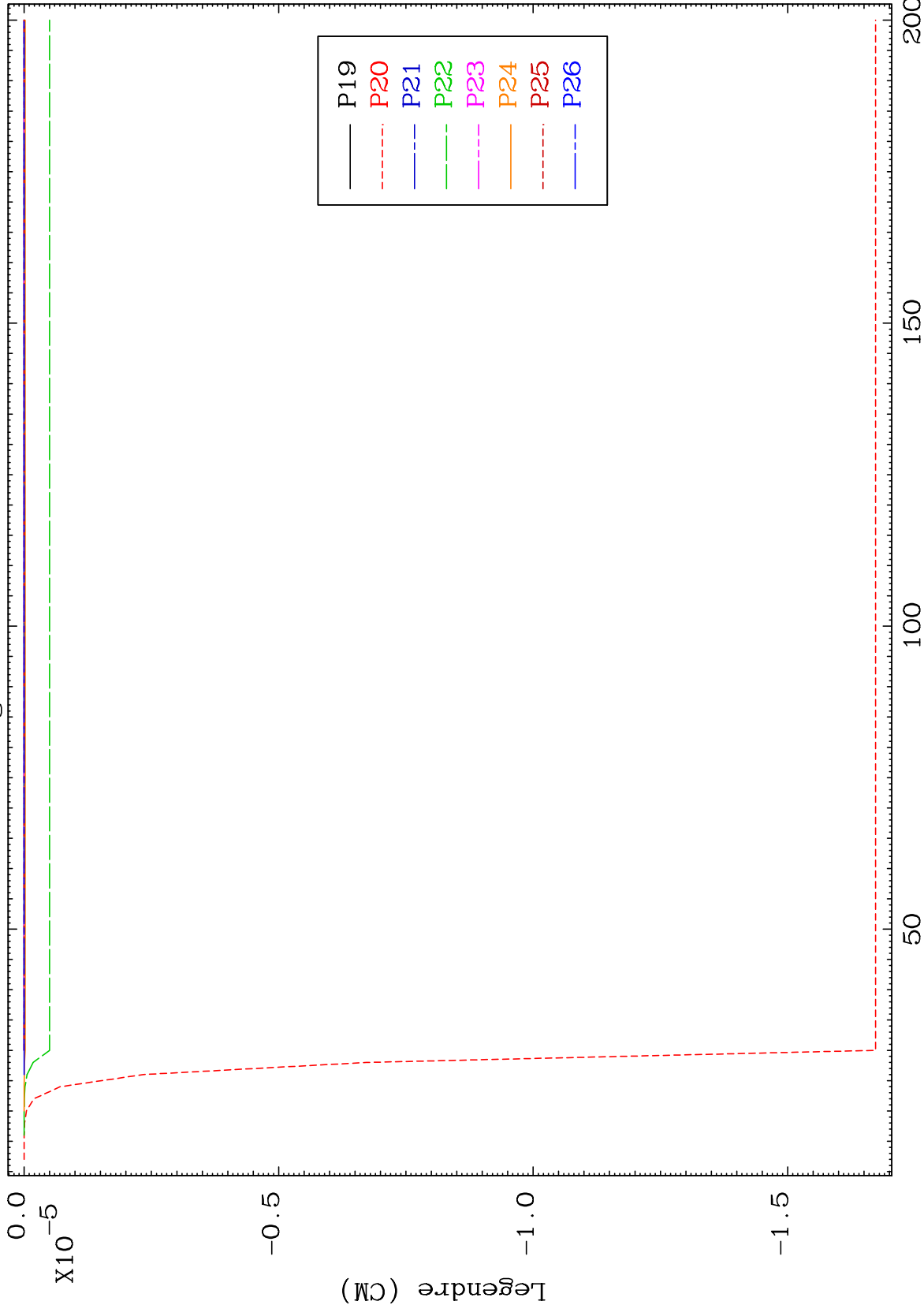
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



64-Gd-164

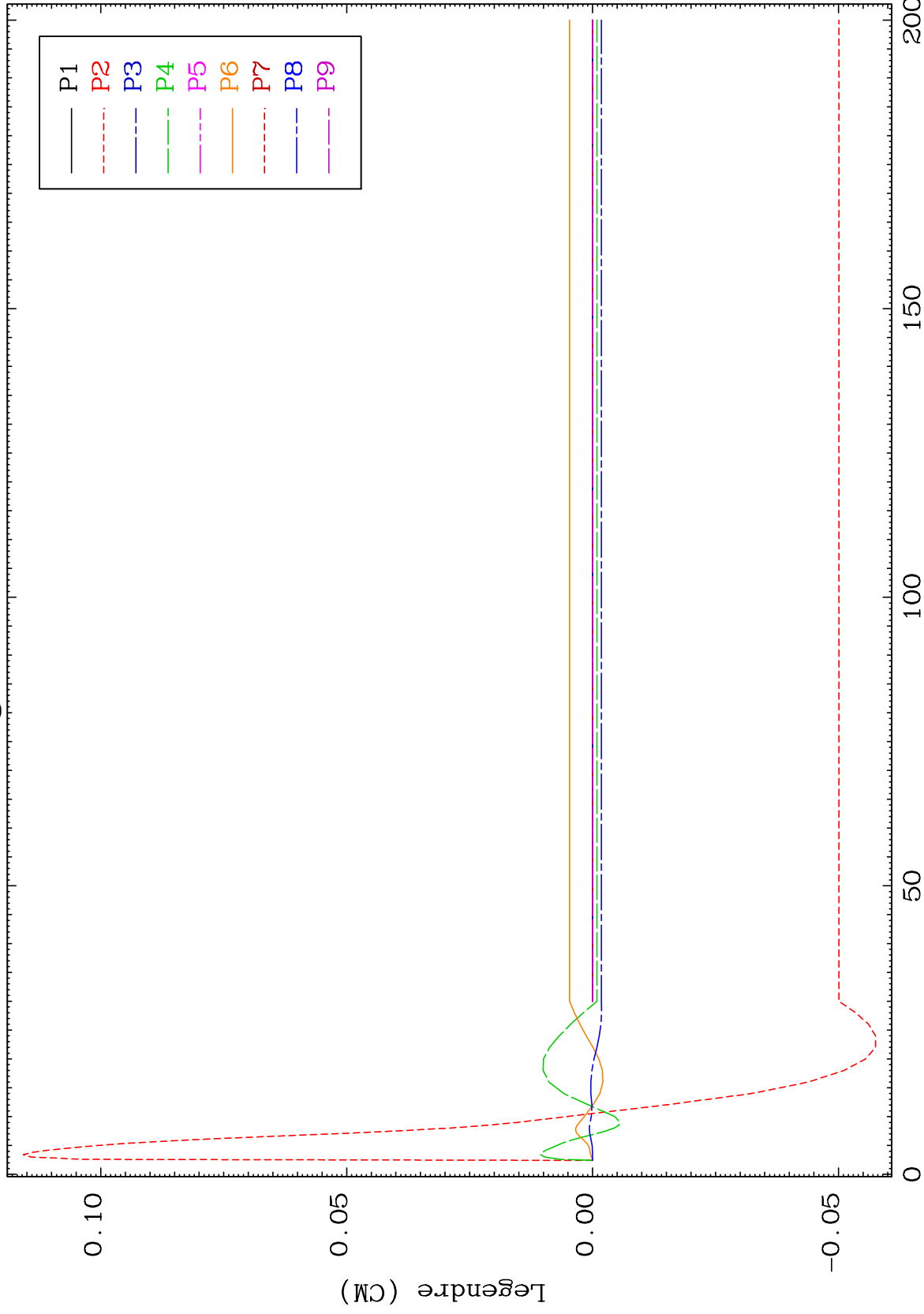
Incident Energy (MeV)

73

MAT 6461

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

64-Gd-164



74

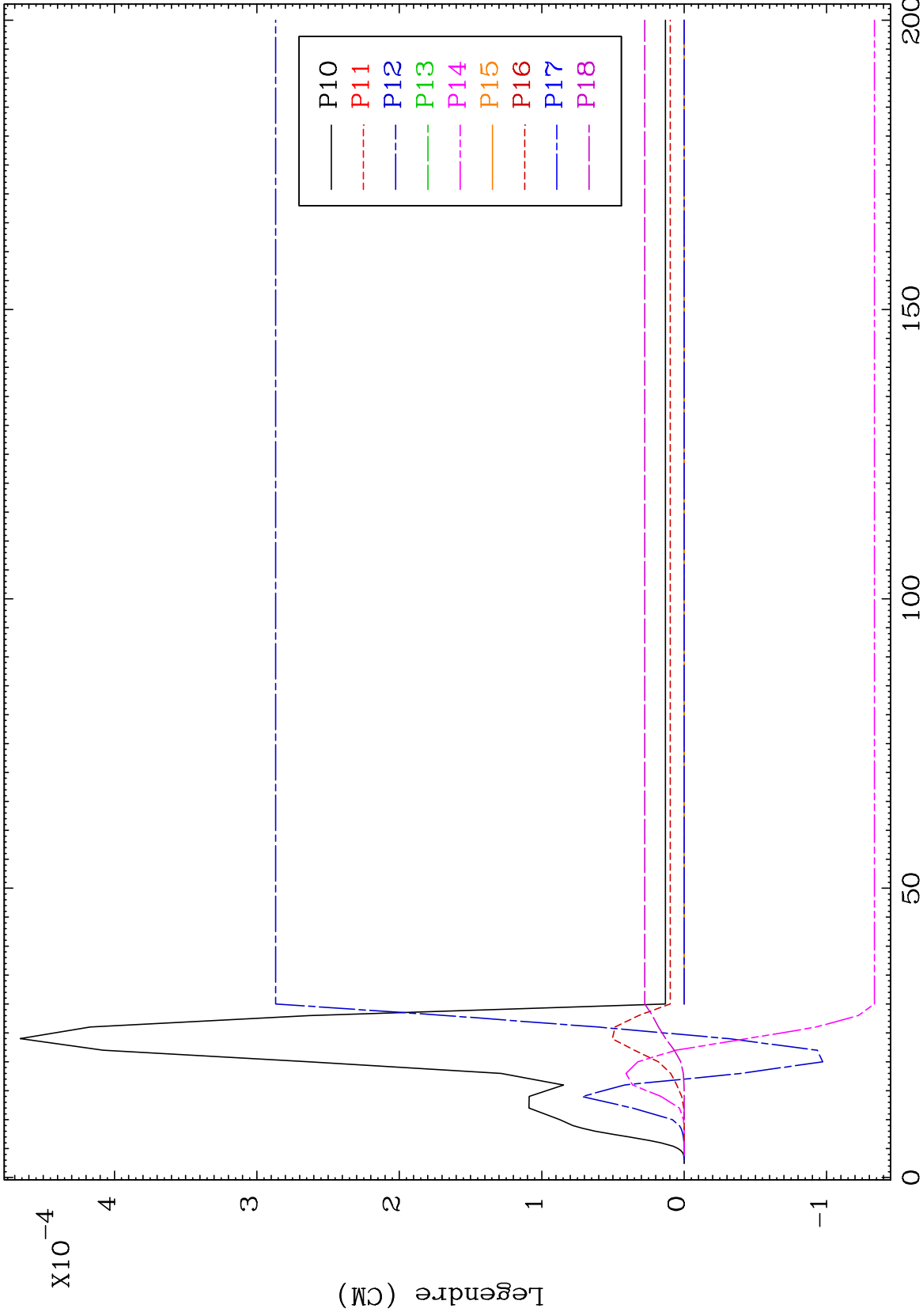
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164

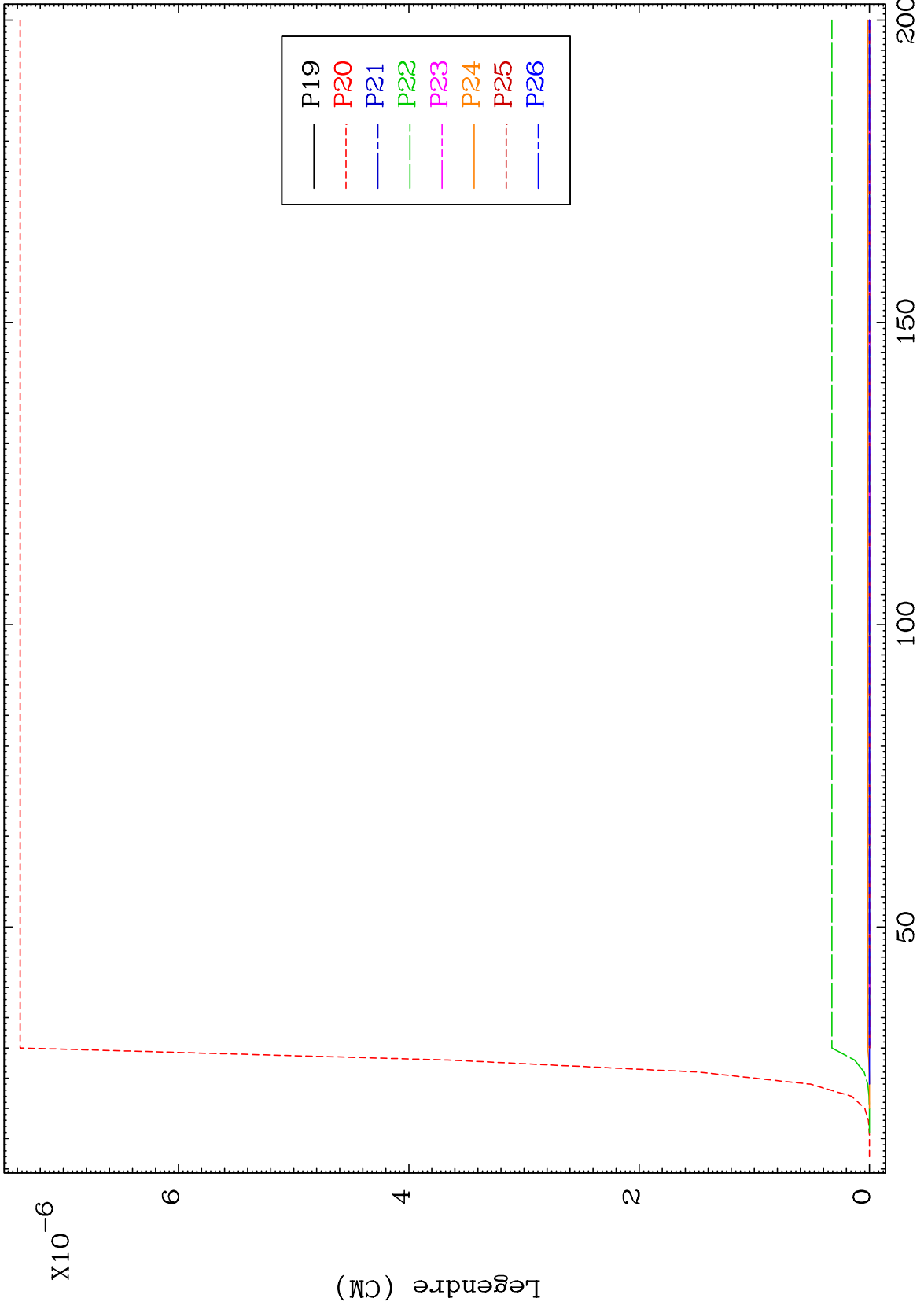


75

Incident Energy (MeV)

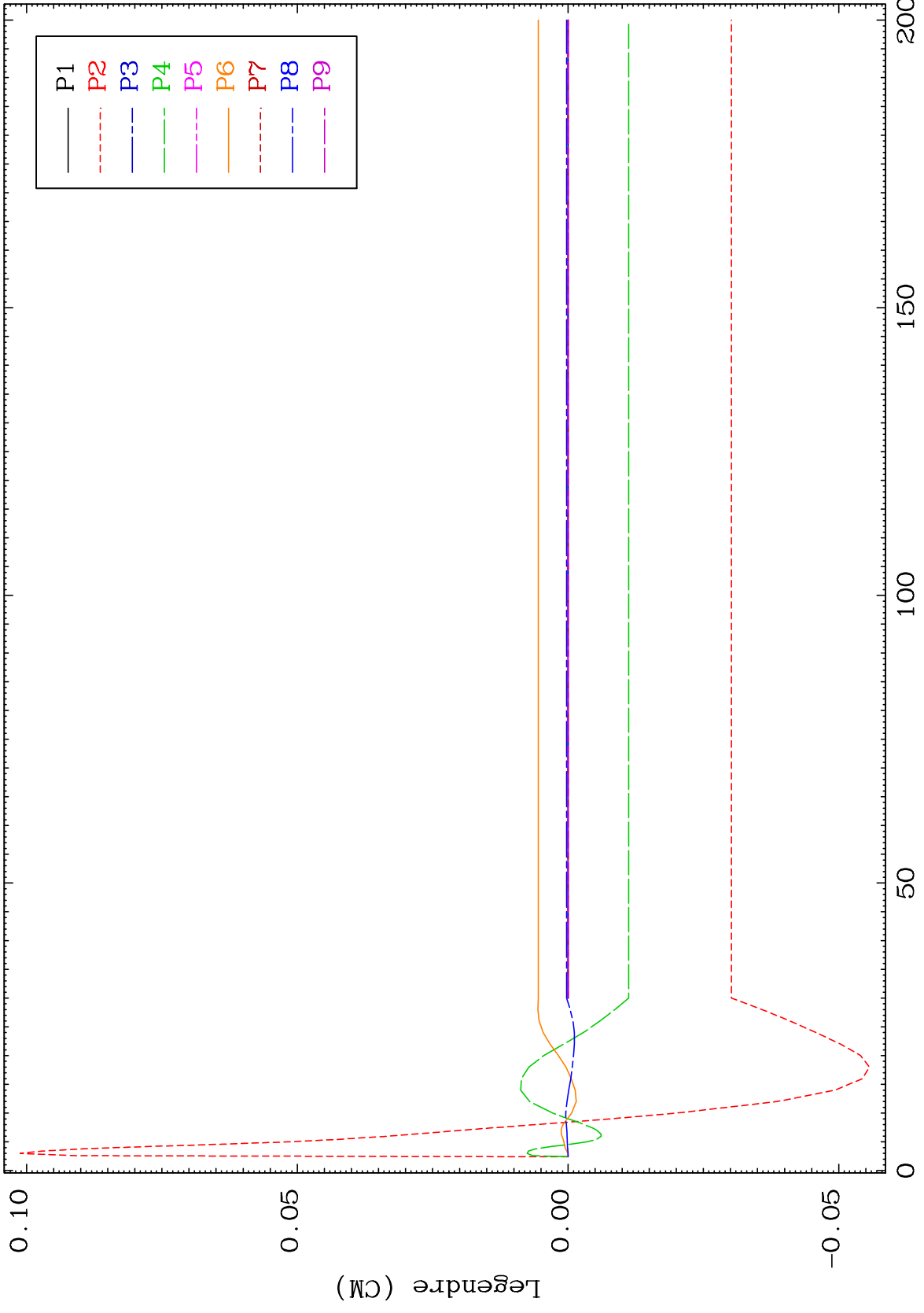
64-Gd-164

MAT 6461 MT= 67 (n,n') Level Legendre Coefficients 64-Gd-164



76 Incident Energy (MeV) 64-Gd-164

MAT 6461 MT= 68 (n,n') Level Legendre Coefficients 64-Gd-164

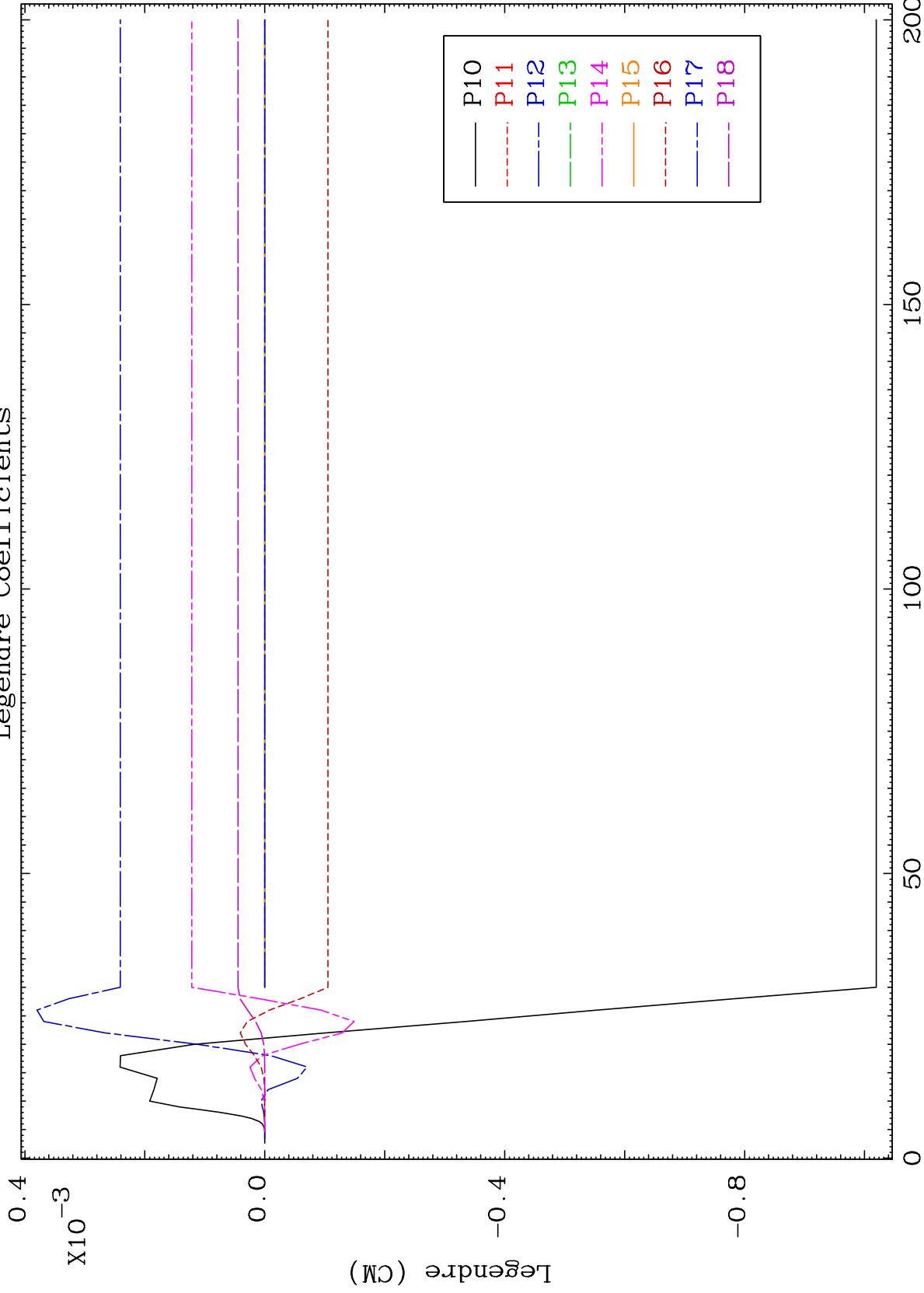


77 64-Gd-164

MAT 6461

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

64-Gd-164

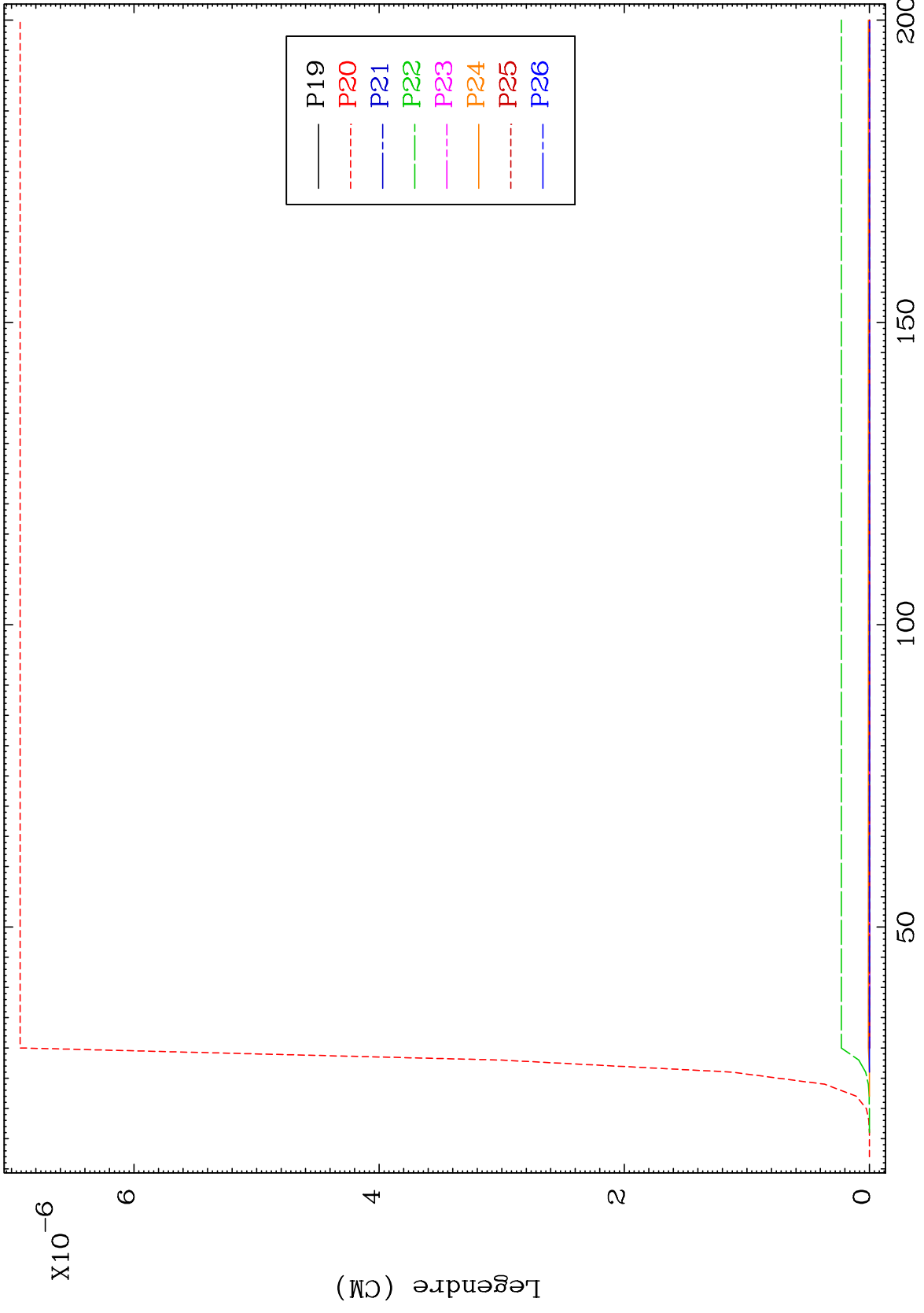


64-Gd-164

Incident Energy (MeV)

78

MAT 6461 MT= 68 (n,n') Level Legendre Coefficients 64-Gd-164



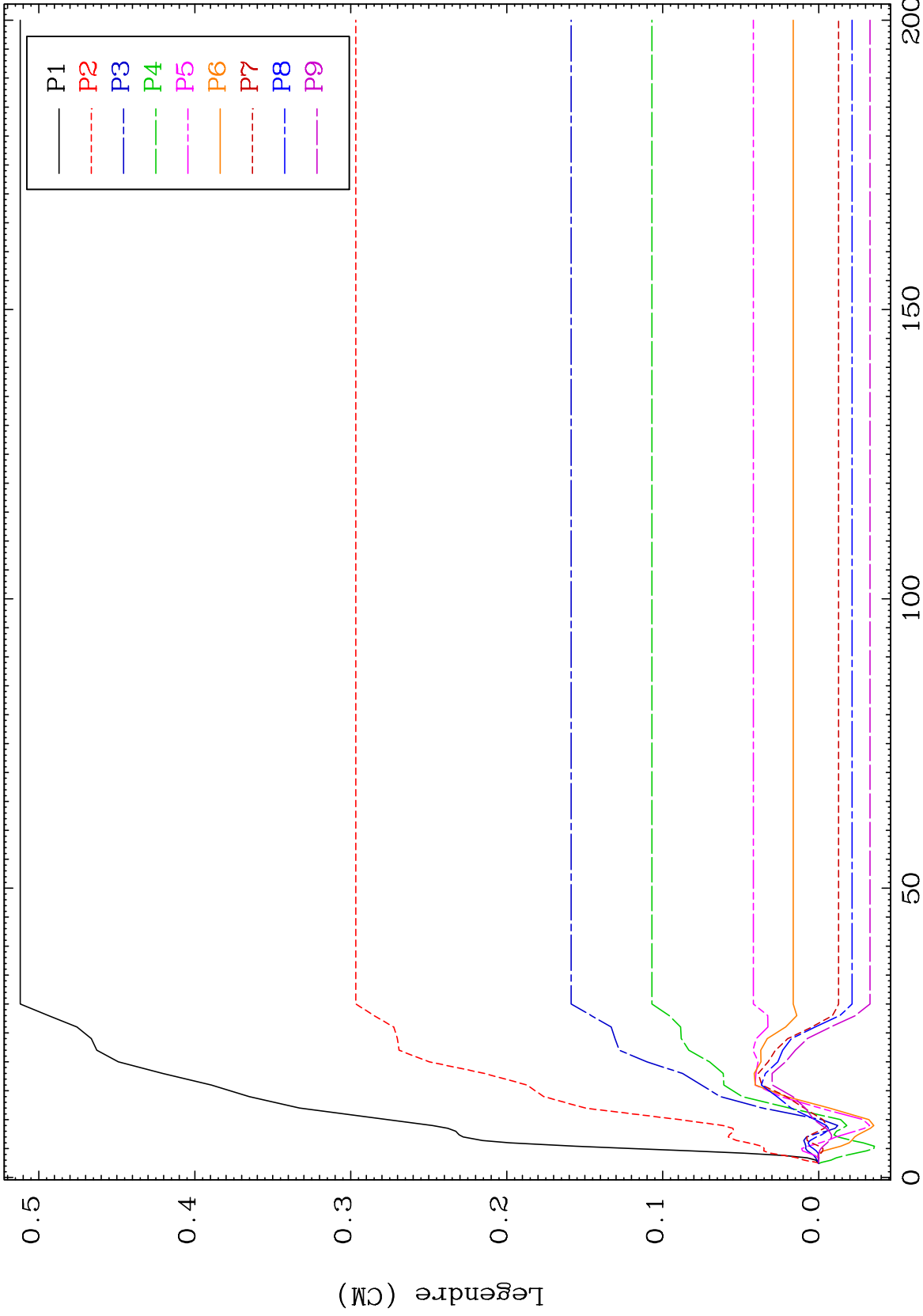
79 64-Gd-164



MAT 6461

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

64-Gd-164



64-Gd-164

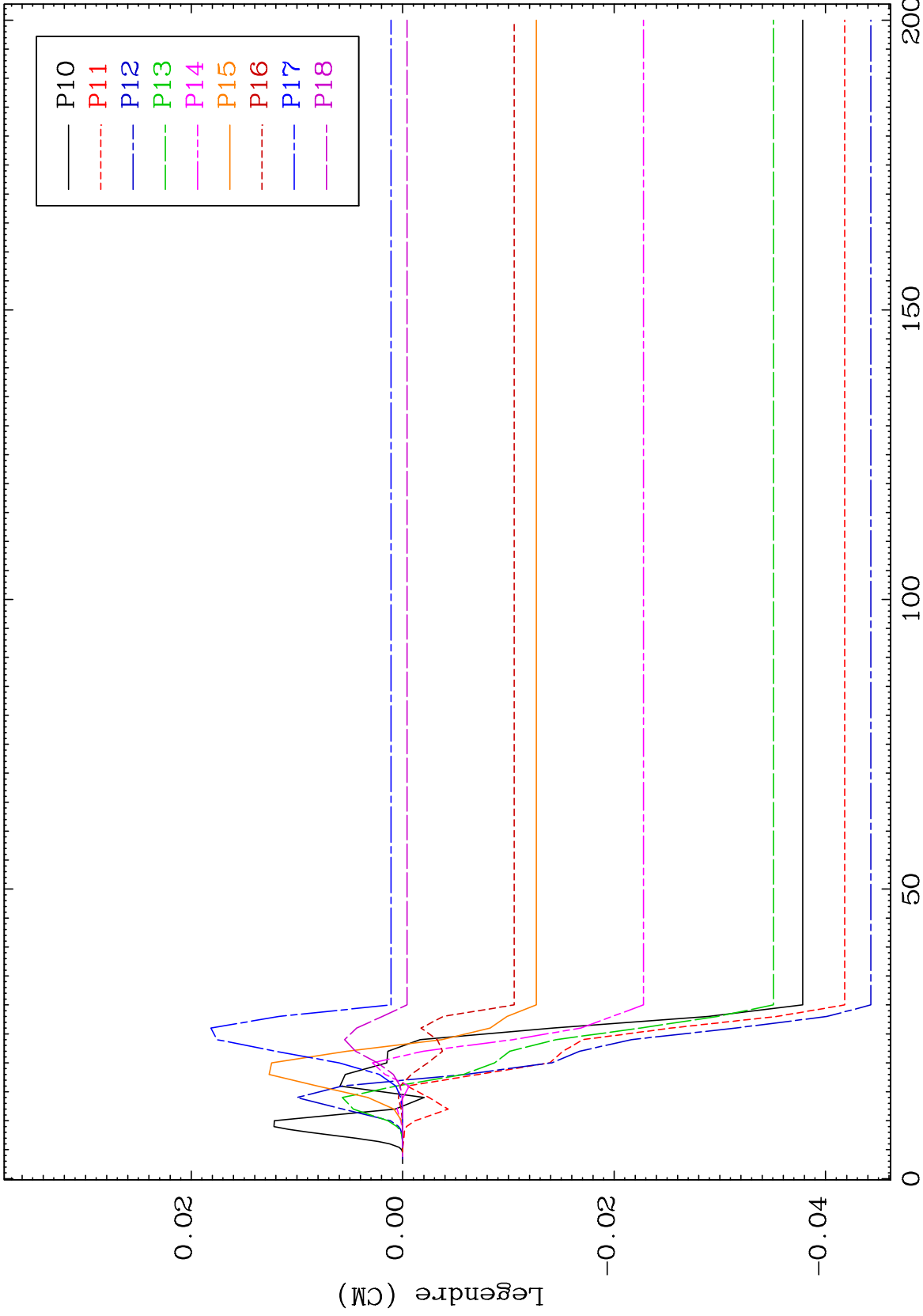
Incident Energy (MeV)

80

MAT 6461

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

64-Gd-164



81

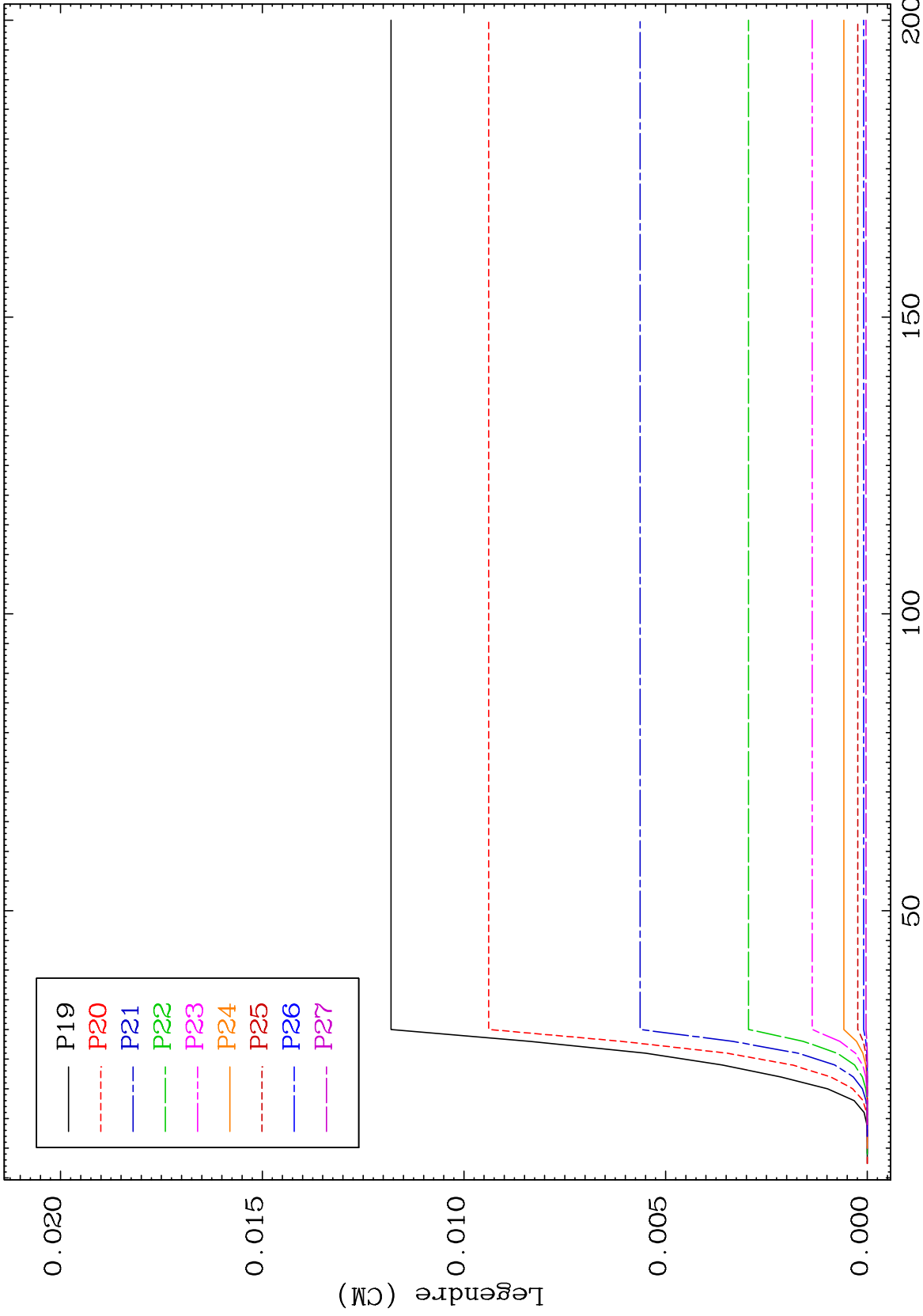
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



82

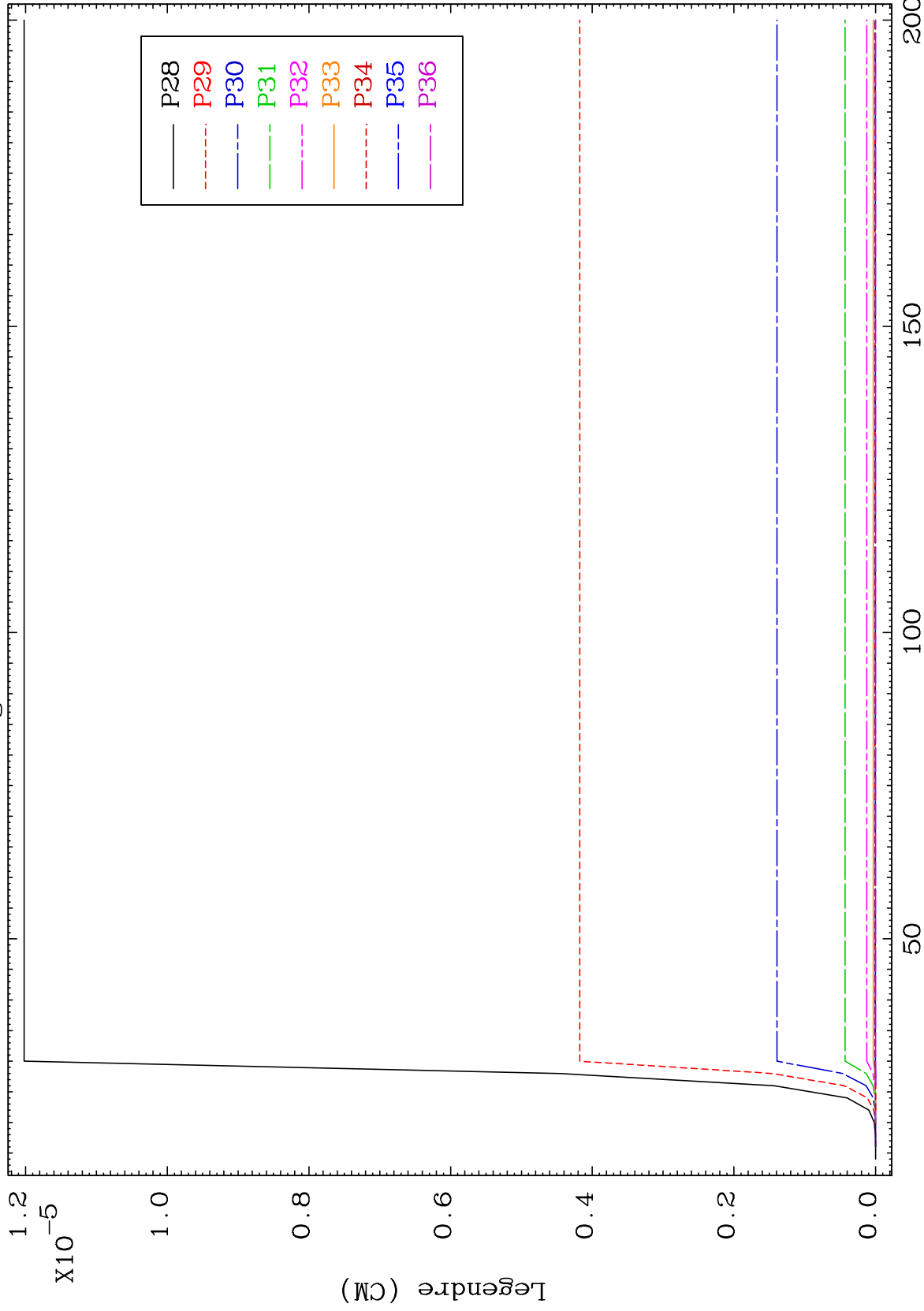
Incident Energy (MeV)

64-Gd-164

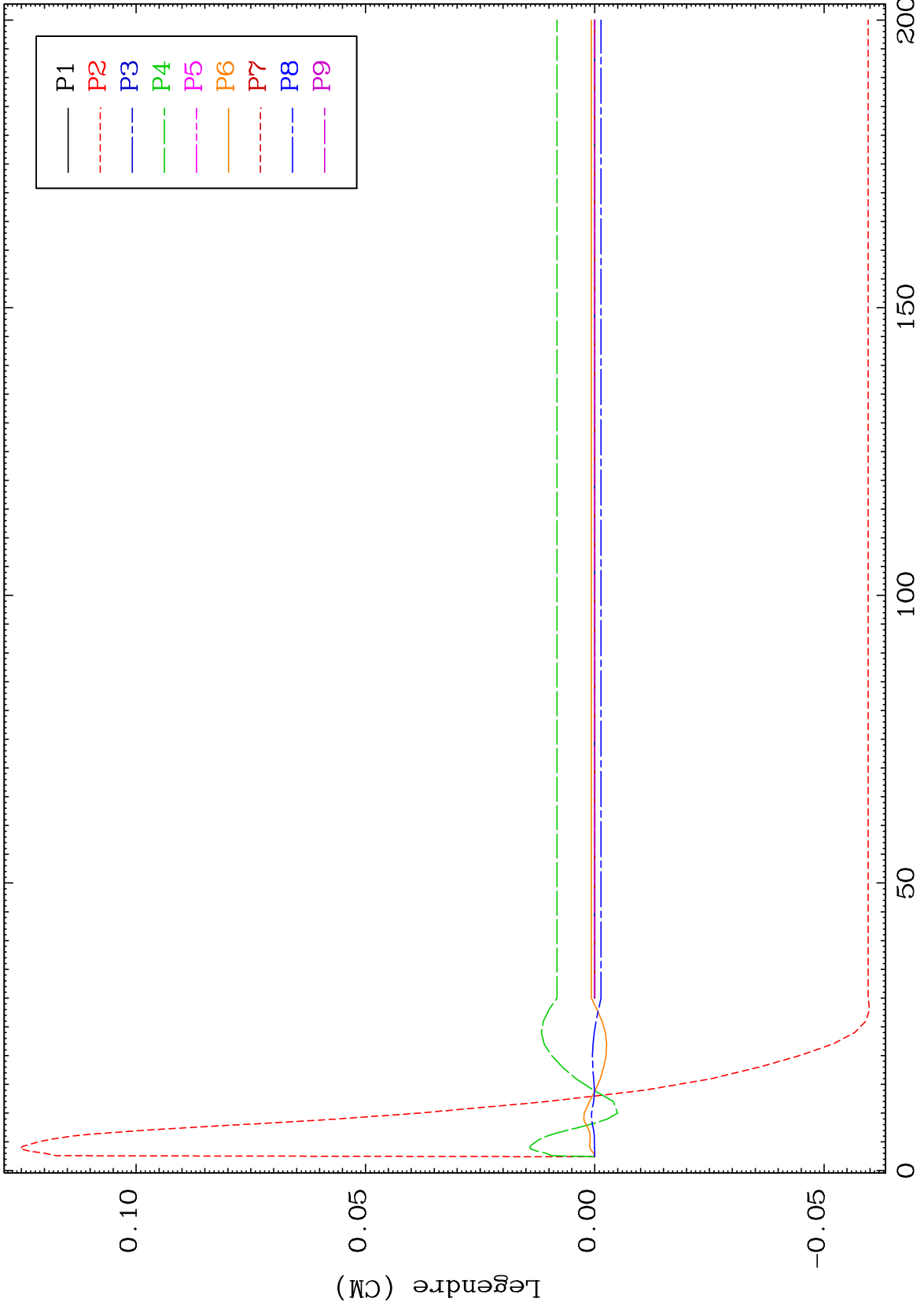
MAT 6461

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

64-Gd-164



MAT 6461 MT= 70 (n,n') Level Legendre Coefficients 64-Gd-164

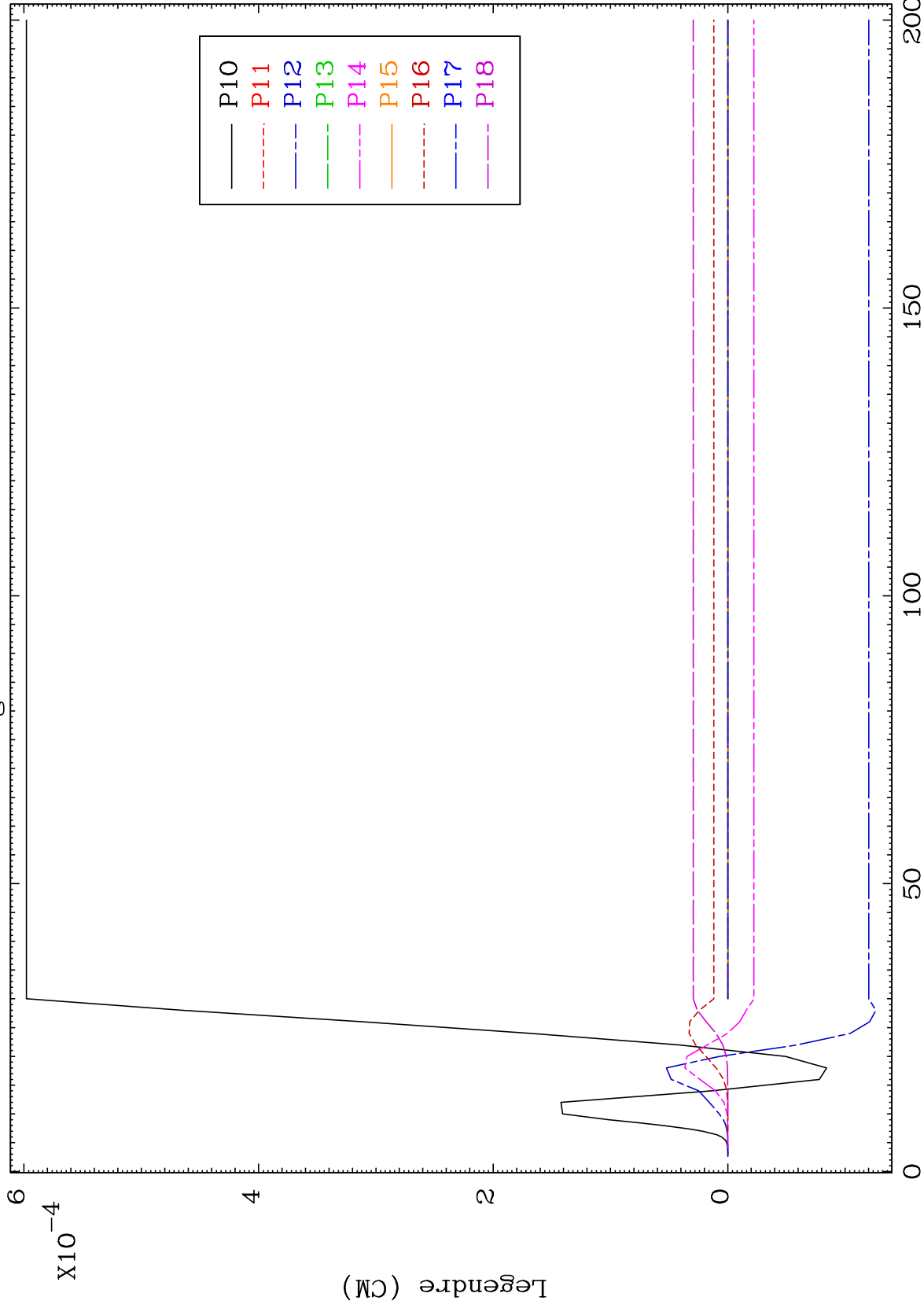


84 64-Gd-164

MAT 6461

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

64-Gd-164

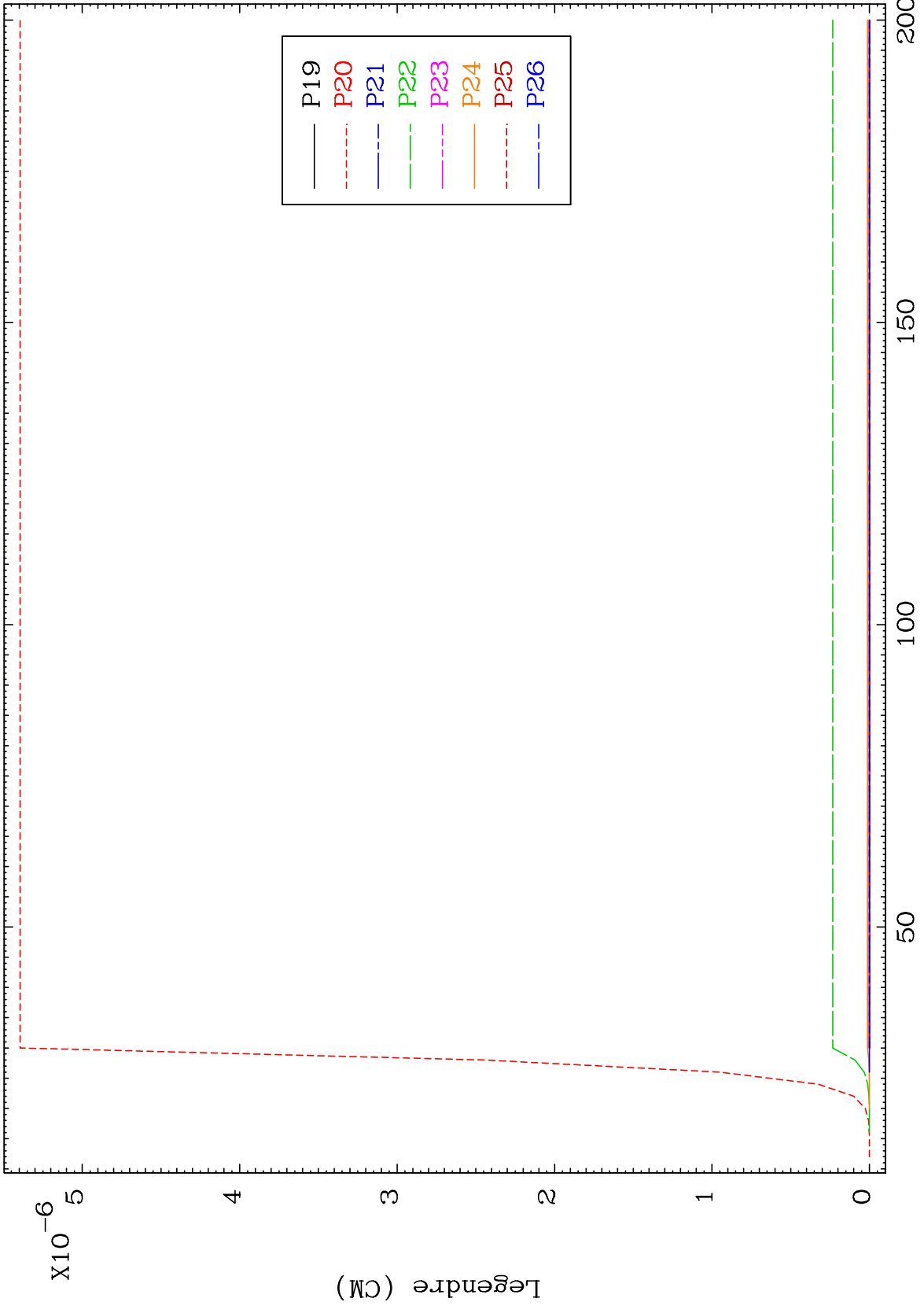


85

Incident Energy (MeV)

64-Gd-164

MAT 6461 MT= 70 (n,n') Level Legendre Coefficients 64-Gd-164

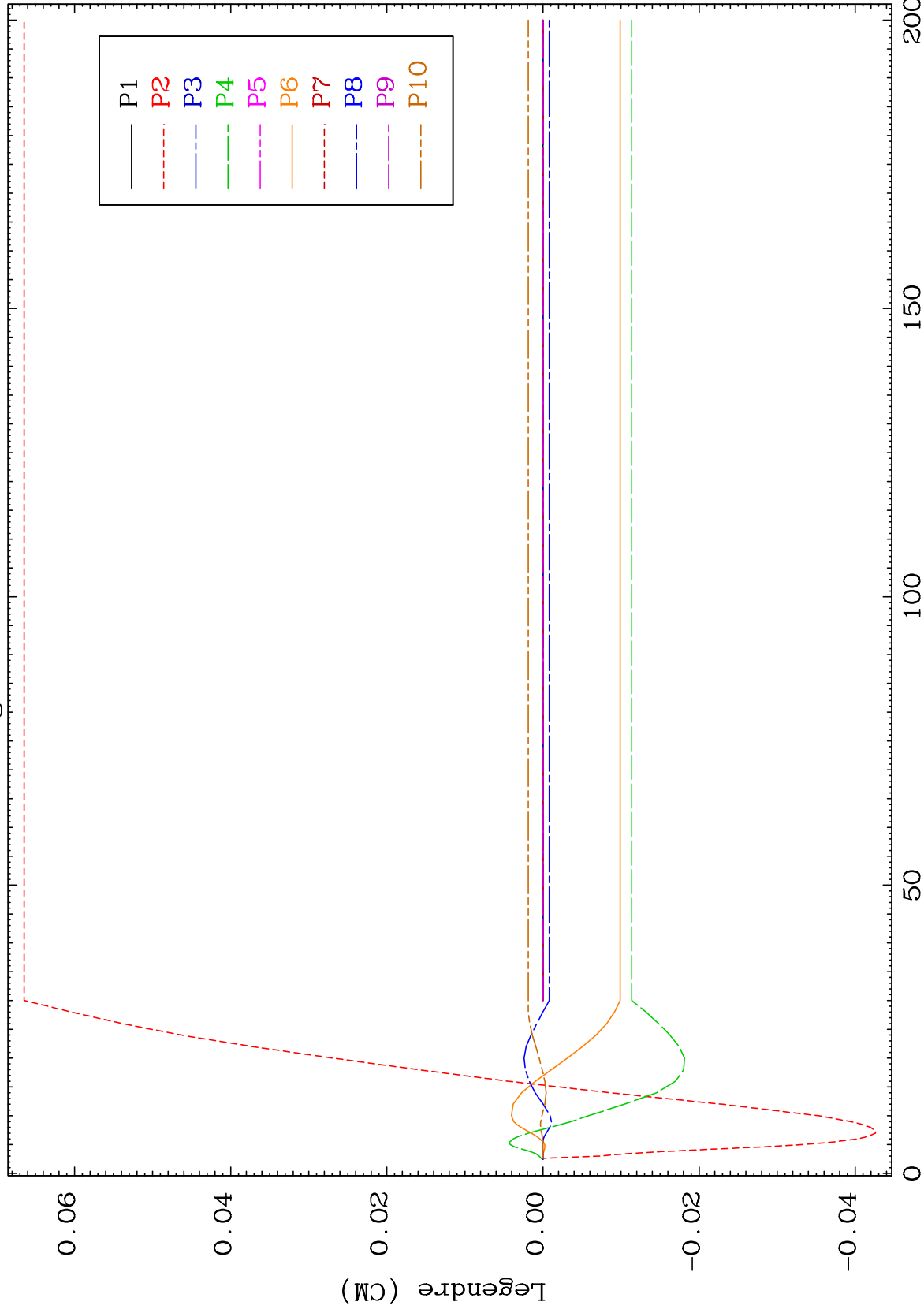


86 64-Gd-164

MAT 6461

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

64-Gd-164



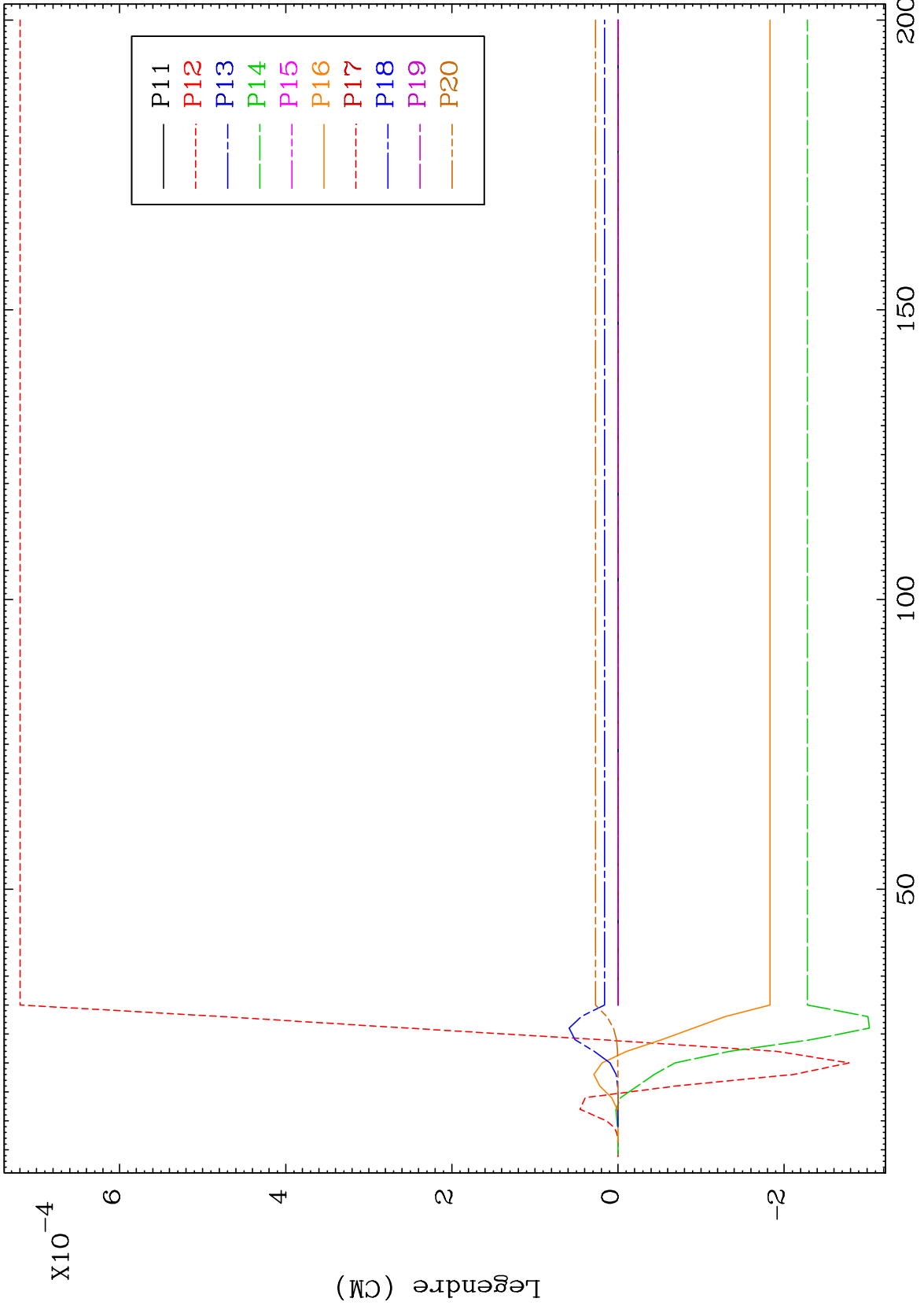
87

Incident Energy (MeV)

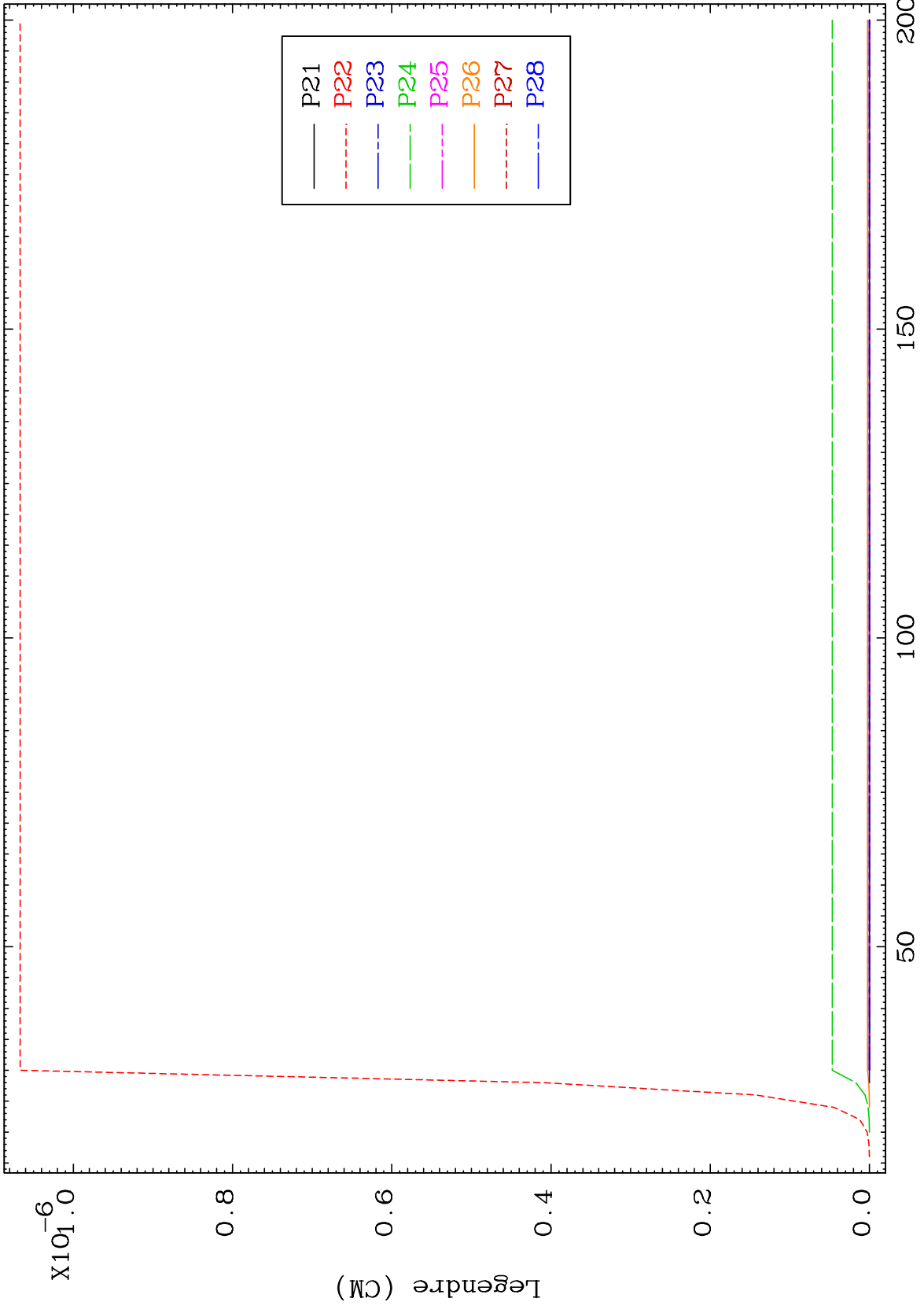
64-Gd-164



MAT 6461 MT= 71 (n,n') Level Legendre Coefficients 64-Gd-164



MAT 6461 MT= 71 (n,n') Level Legendre Coefficients 64-Gd-164

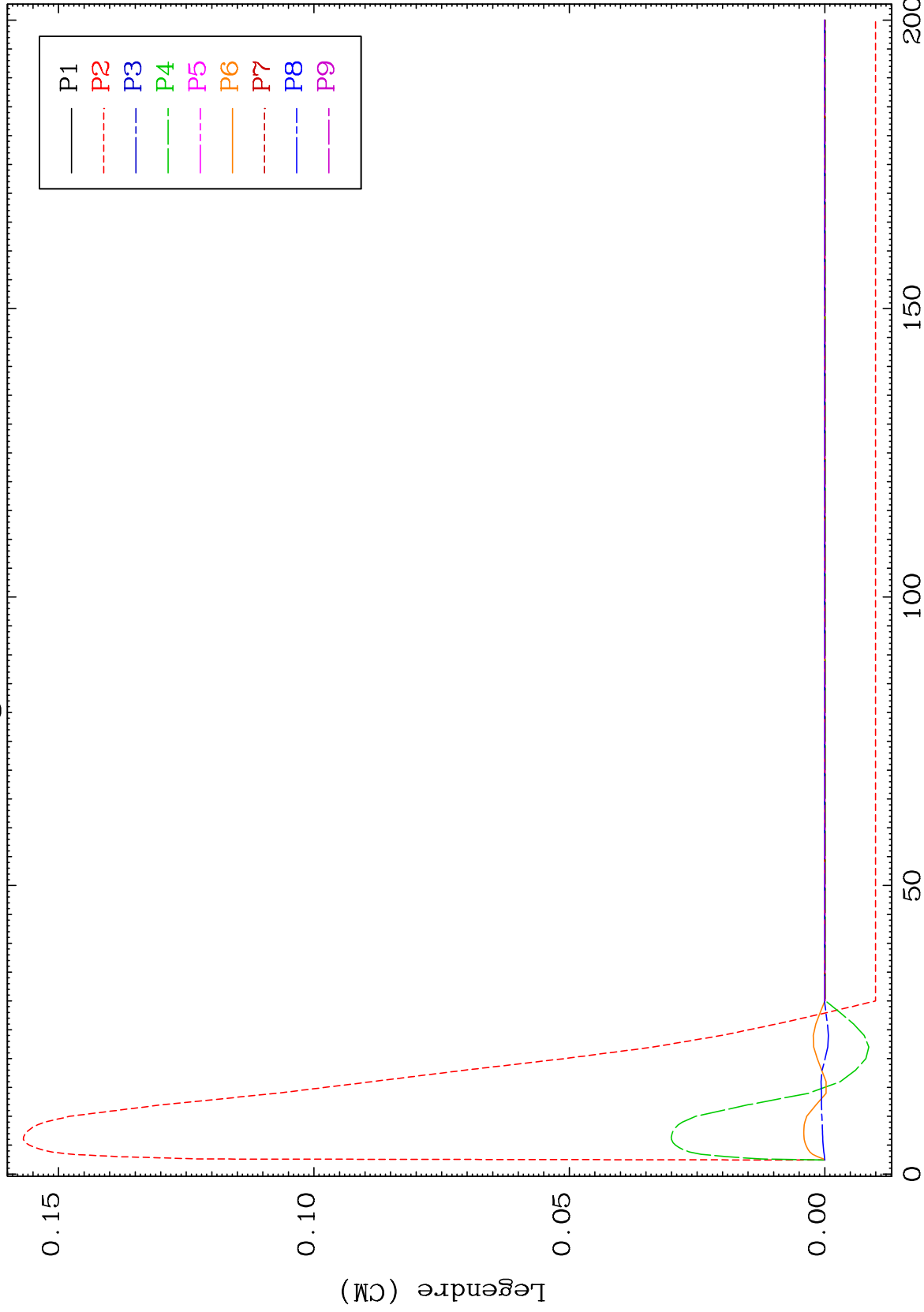


89 64-Gd-164

MAT 6461

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

64-Gd-164



90

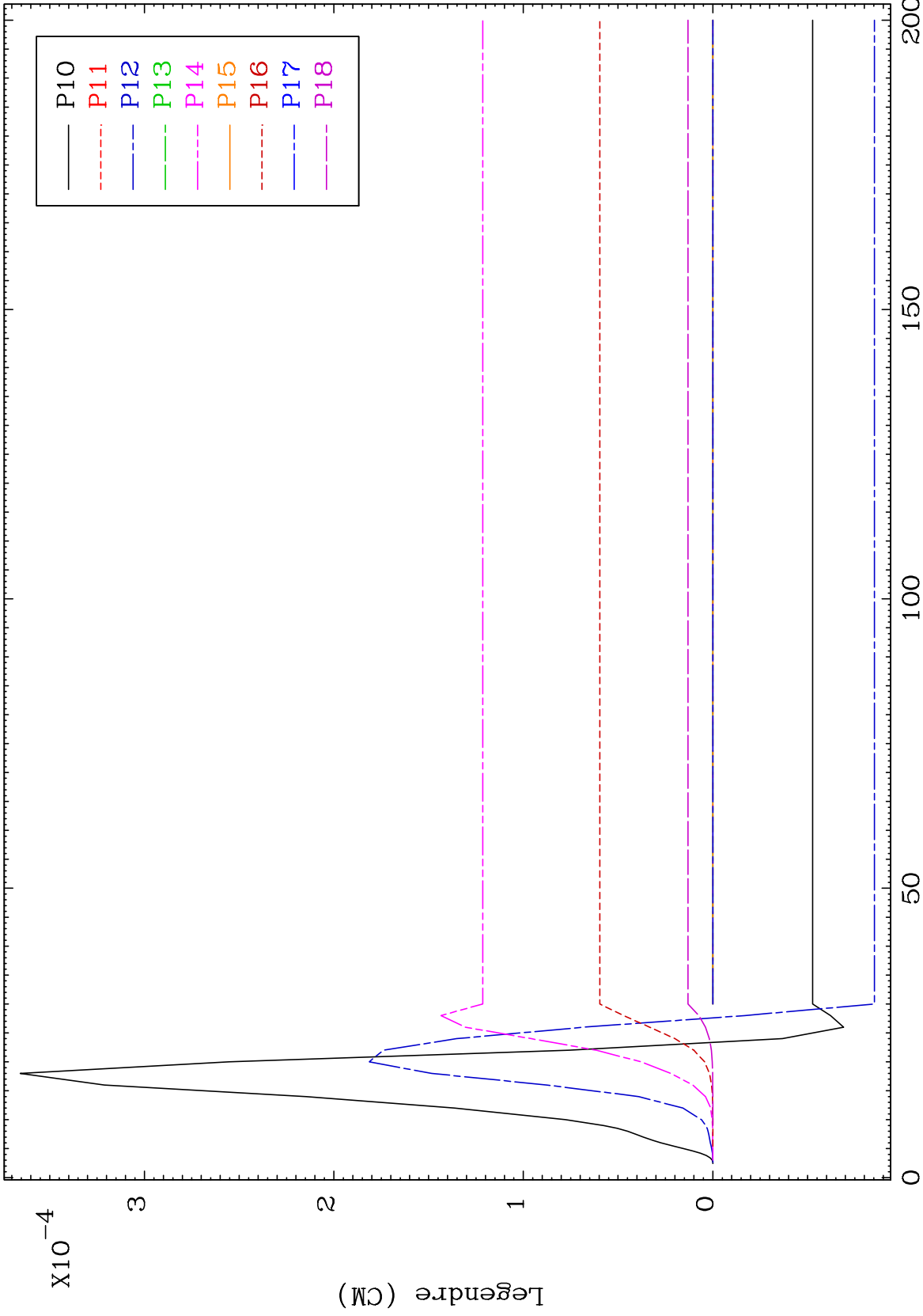
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164

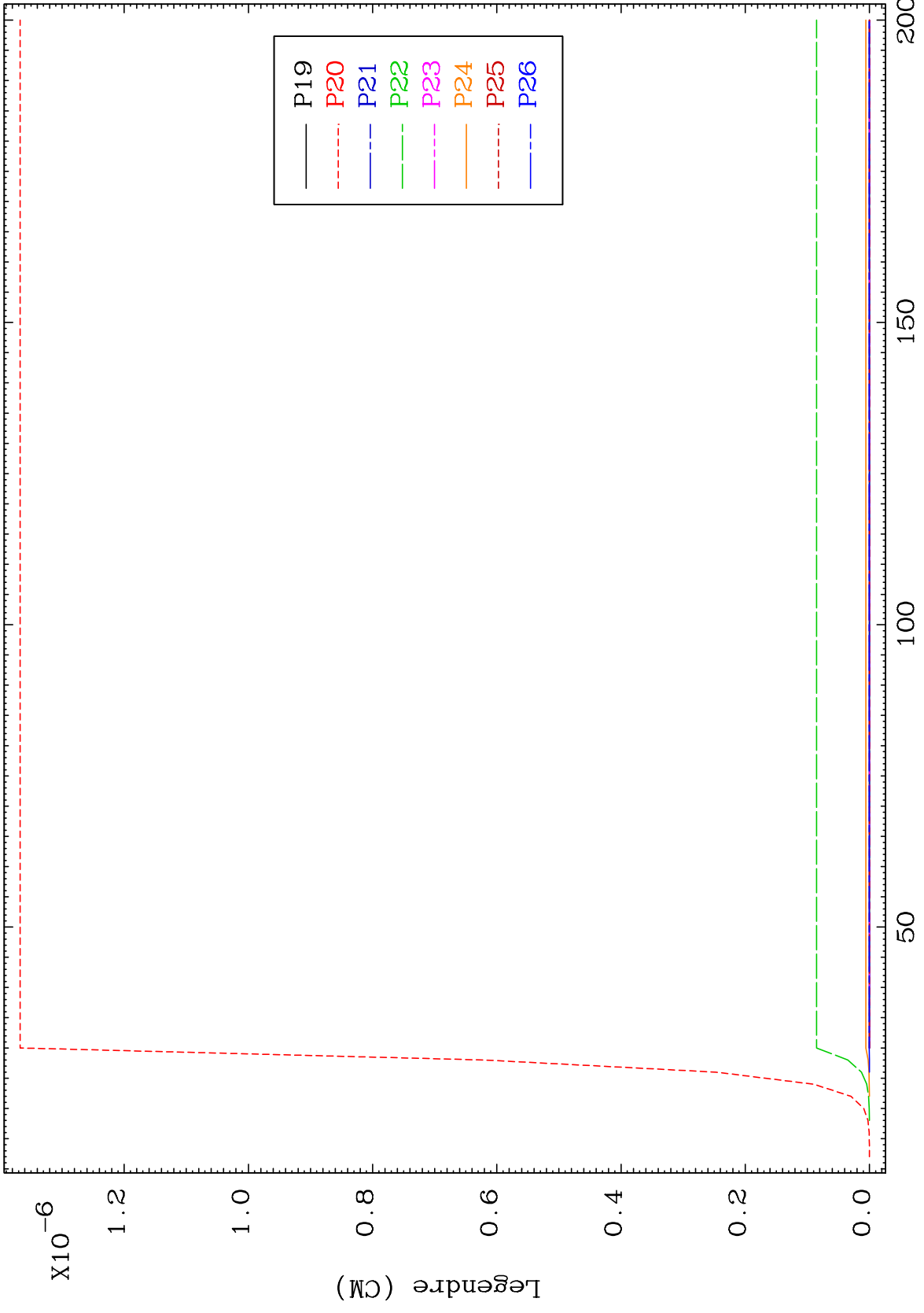


91

Incident Energy (MeV)

64-Gd-164

MAT 6461 MT= 72 (n,n') Level Legendre Coefficients 64-Gd-164

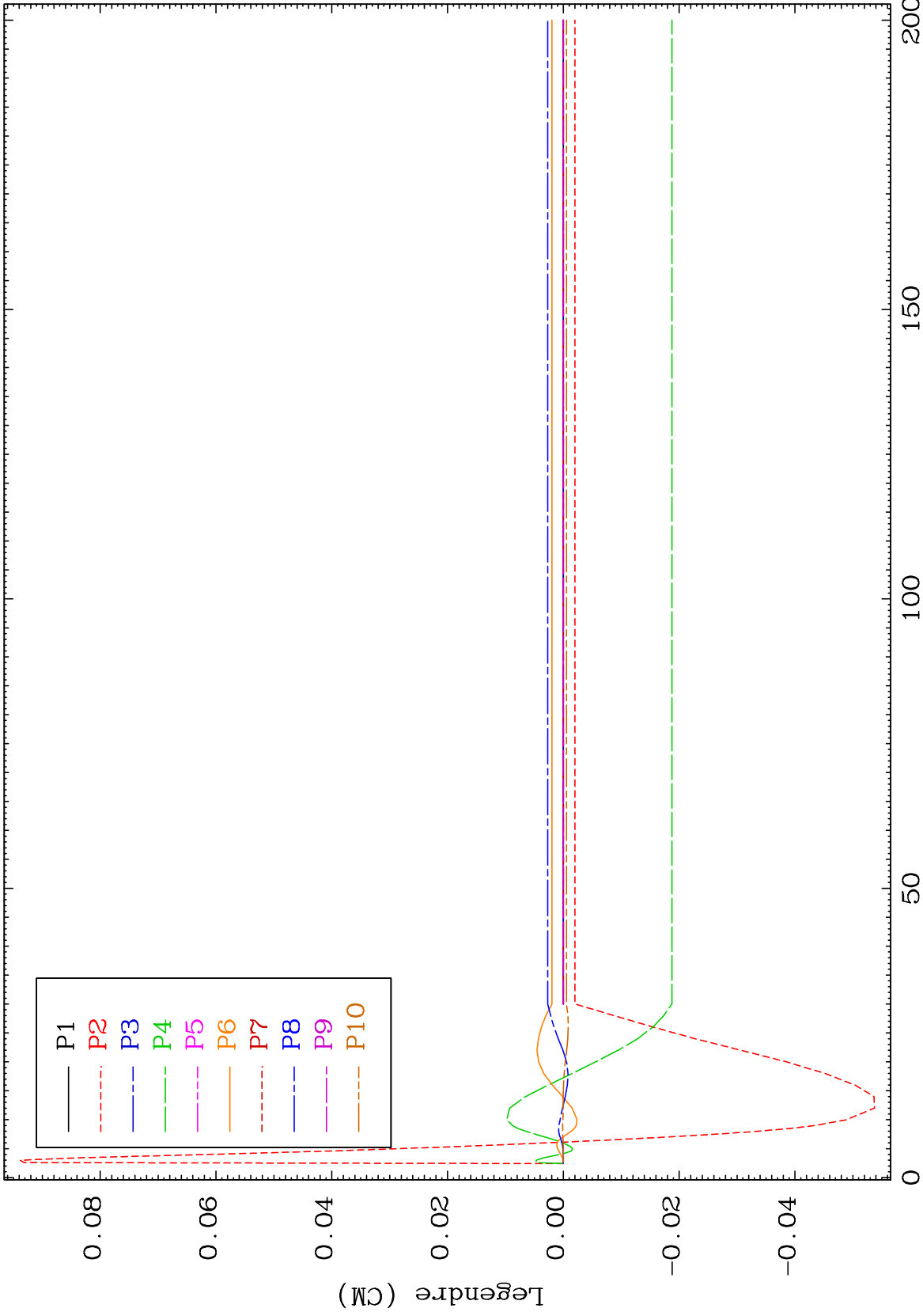


92 64-Gd-164

MAT 6461

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

64-Gd-164



93

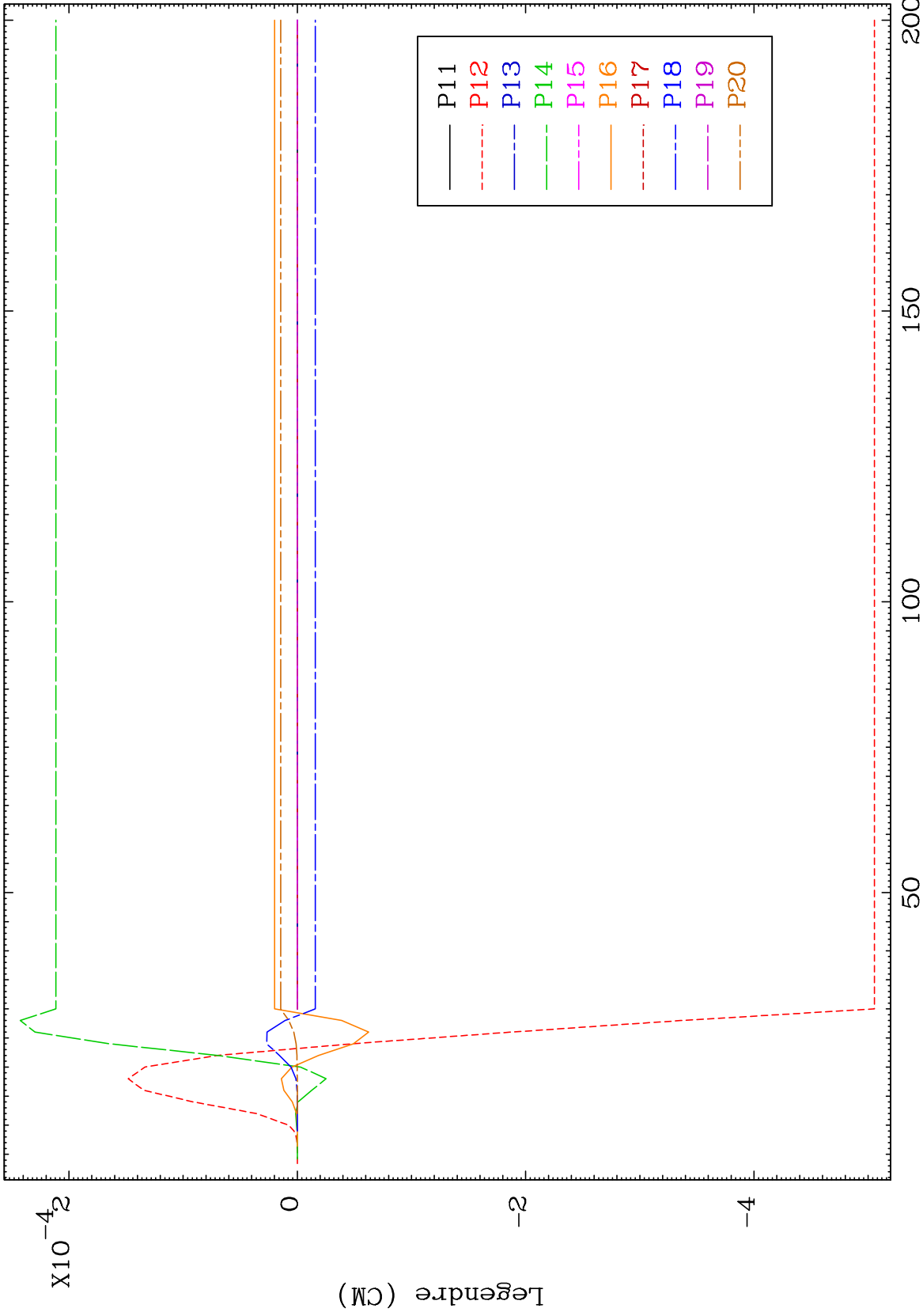
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



94

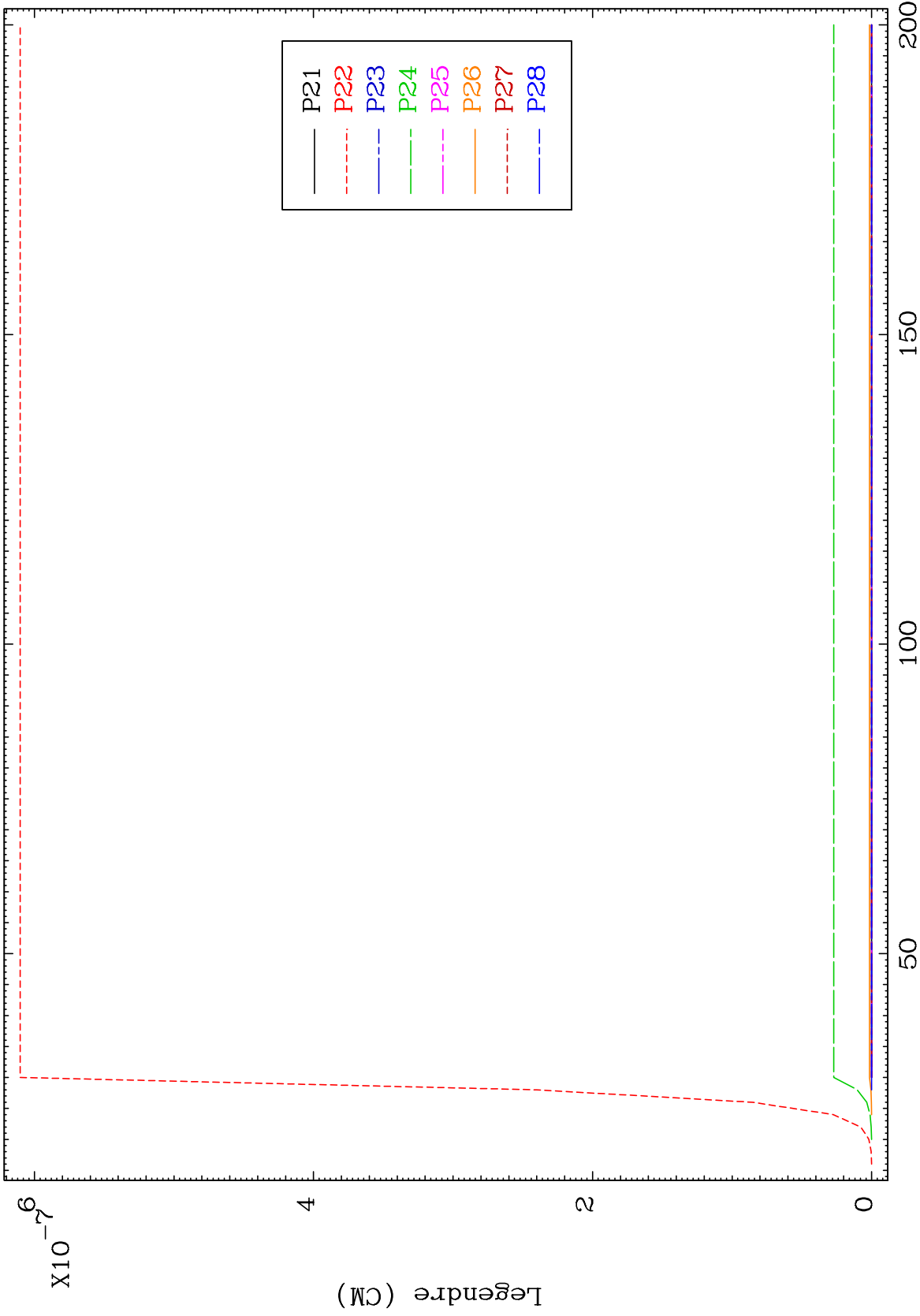
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



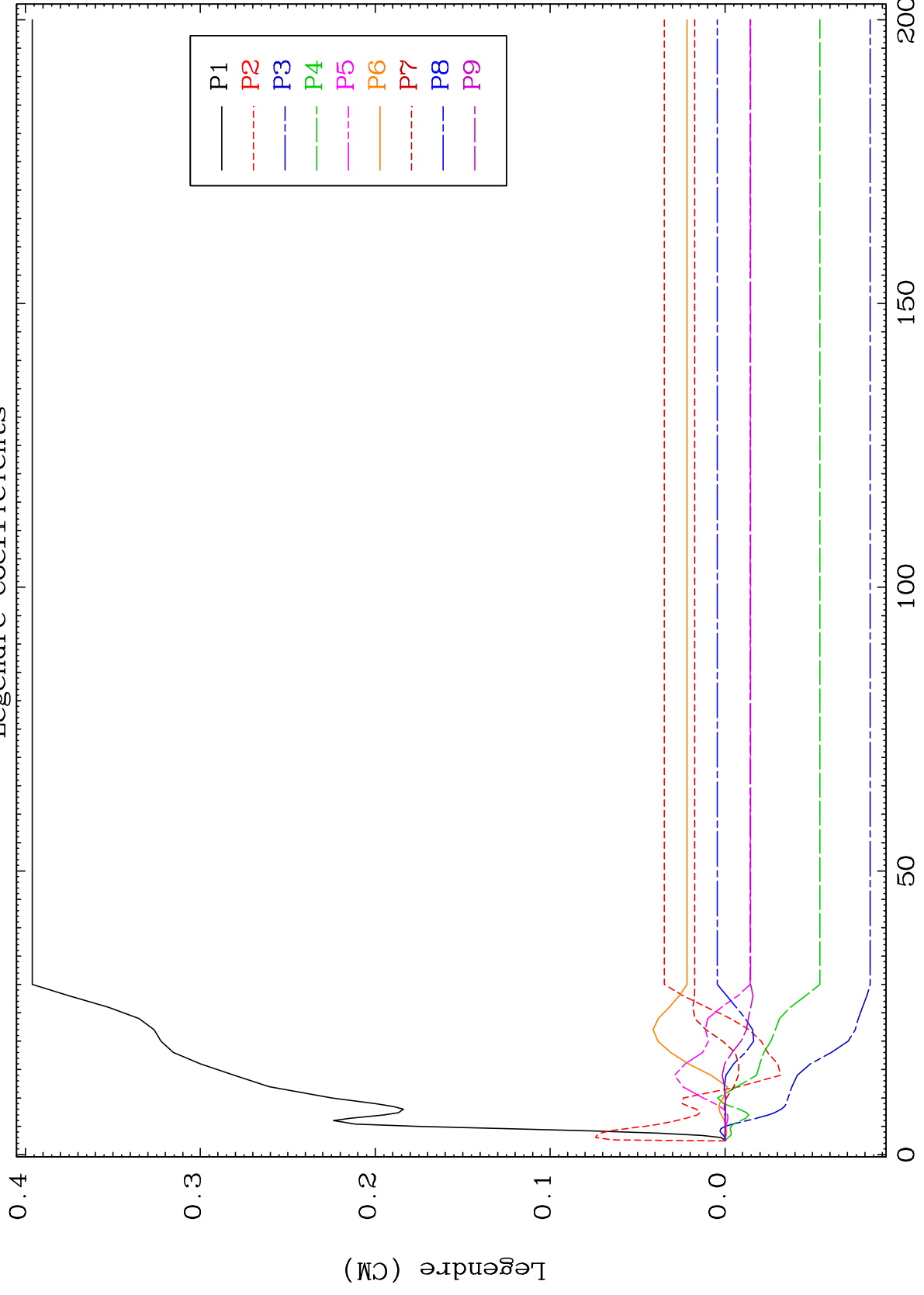
95

Incident Energy (MeV)

64-Gd-164



MAT 6461 MT= 74 (n,n') Level Legendre Coefficients 64-Gd-164

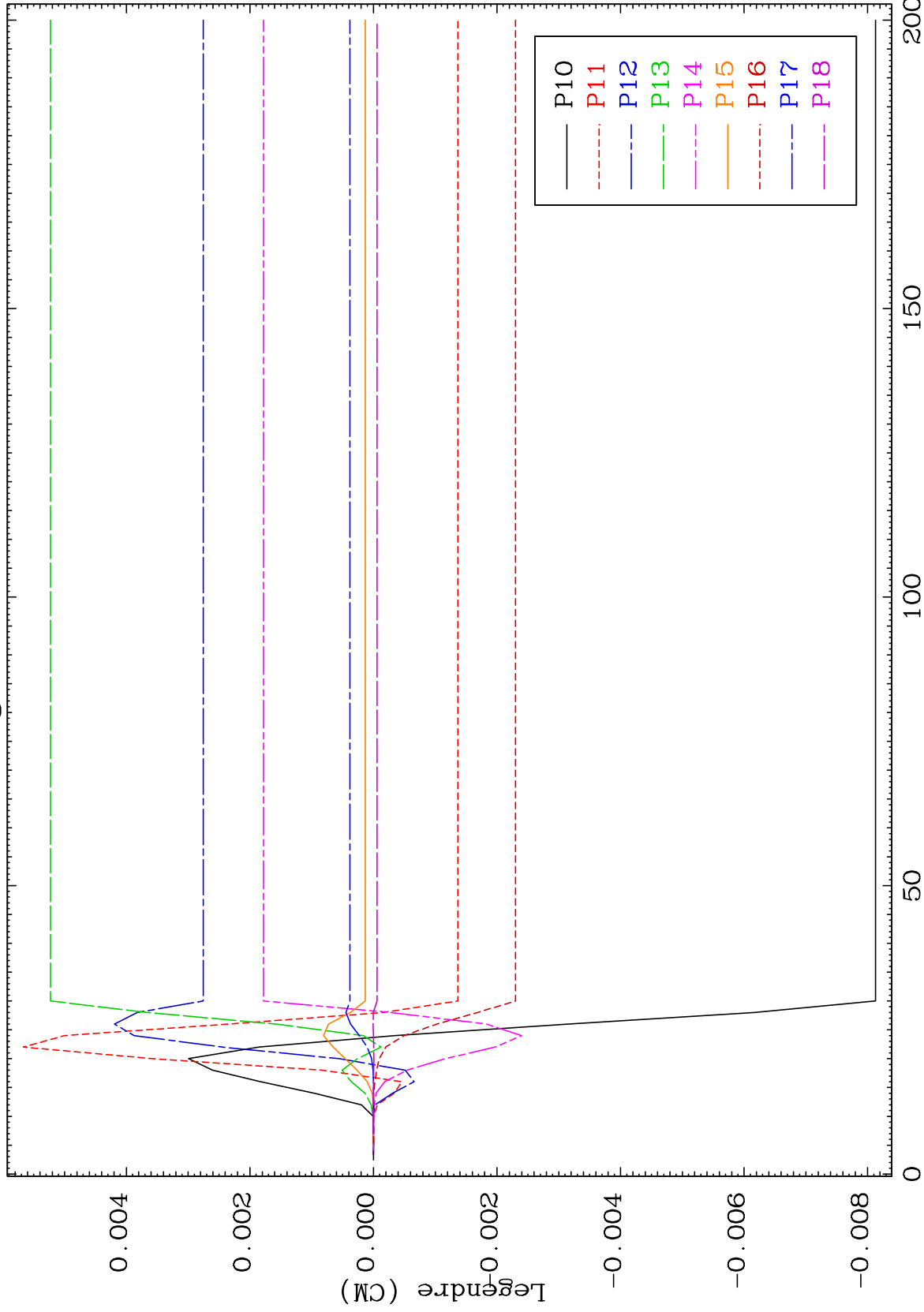


96 64-Gd-164

MAT 6461

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

64-Gd-164



97

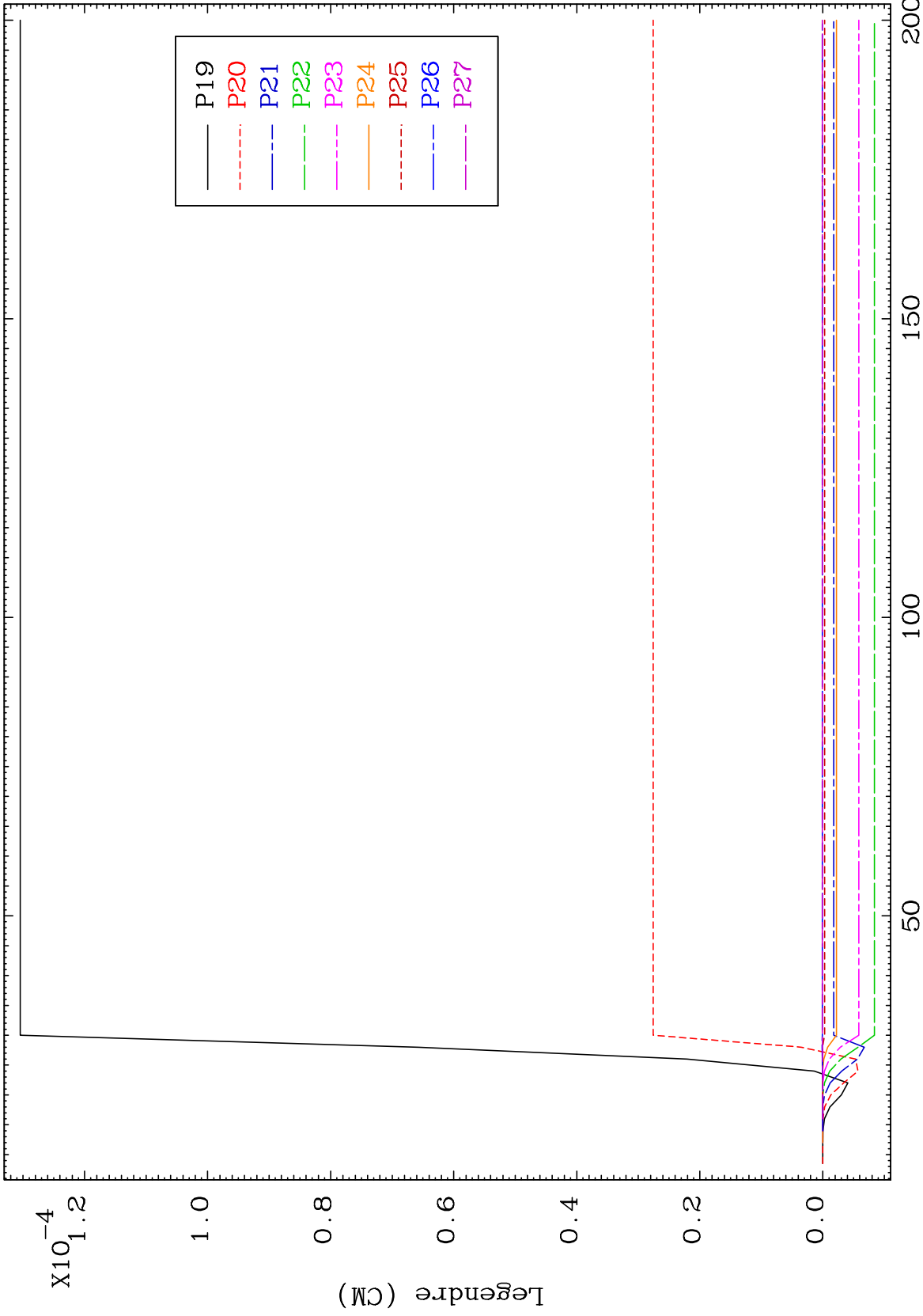
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



98

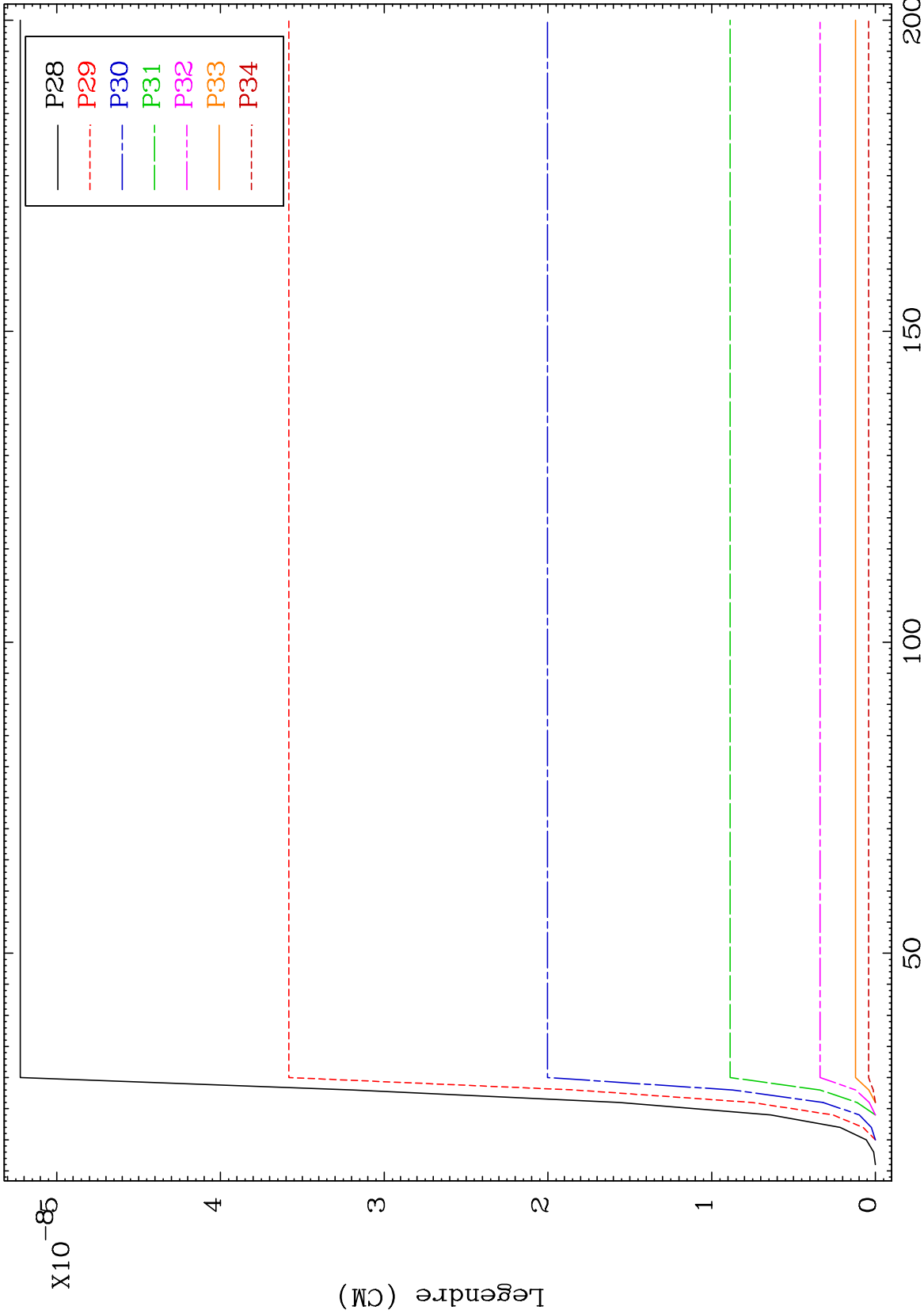
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



99

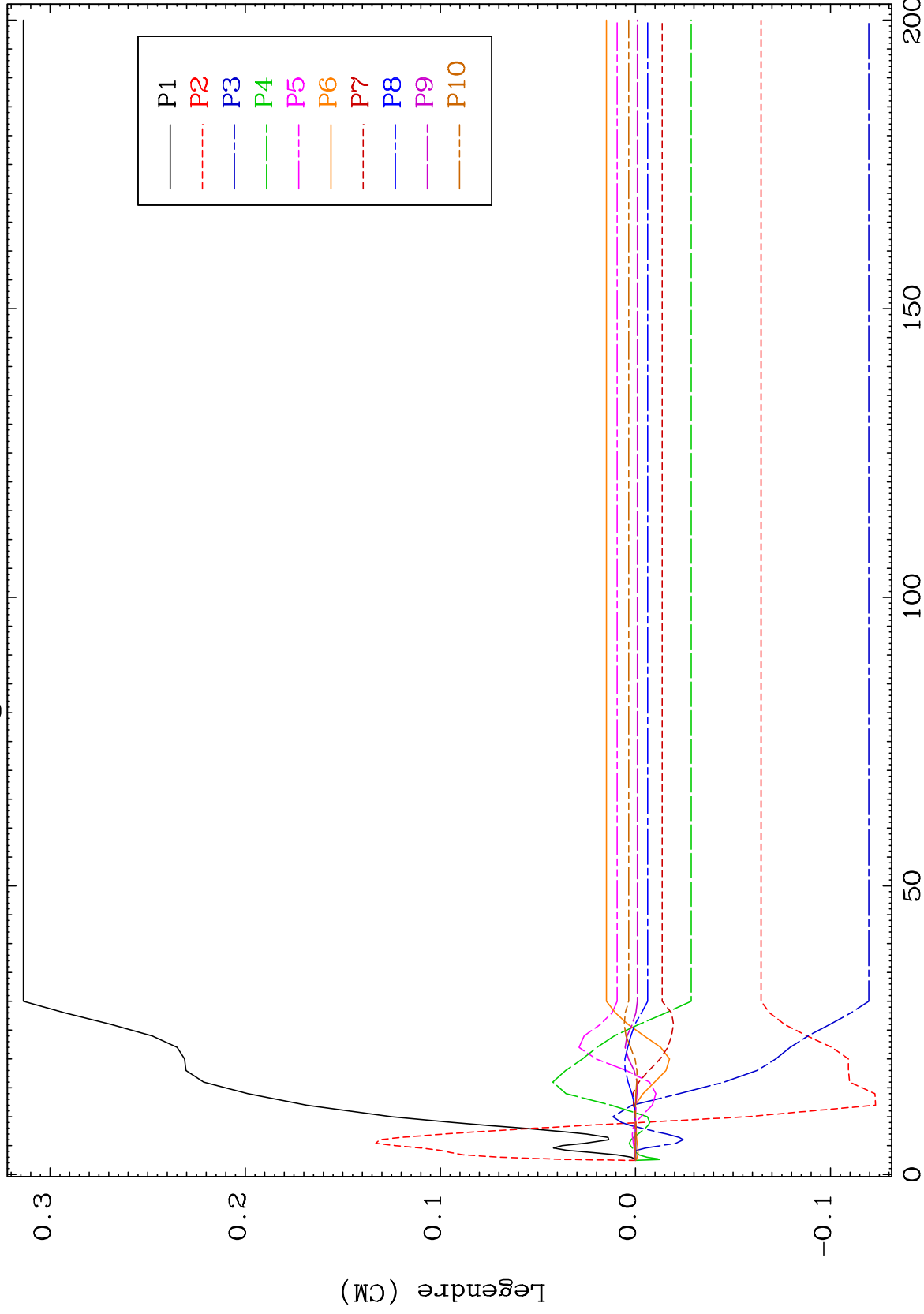
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



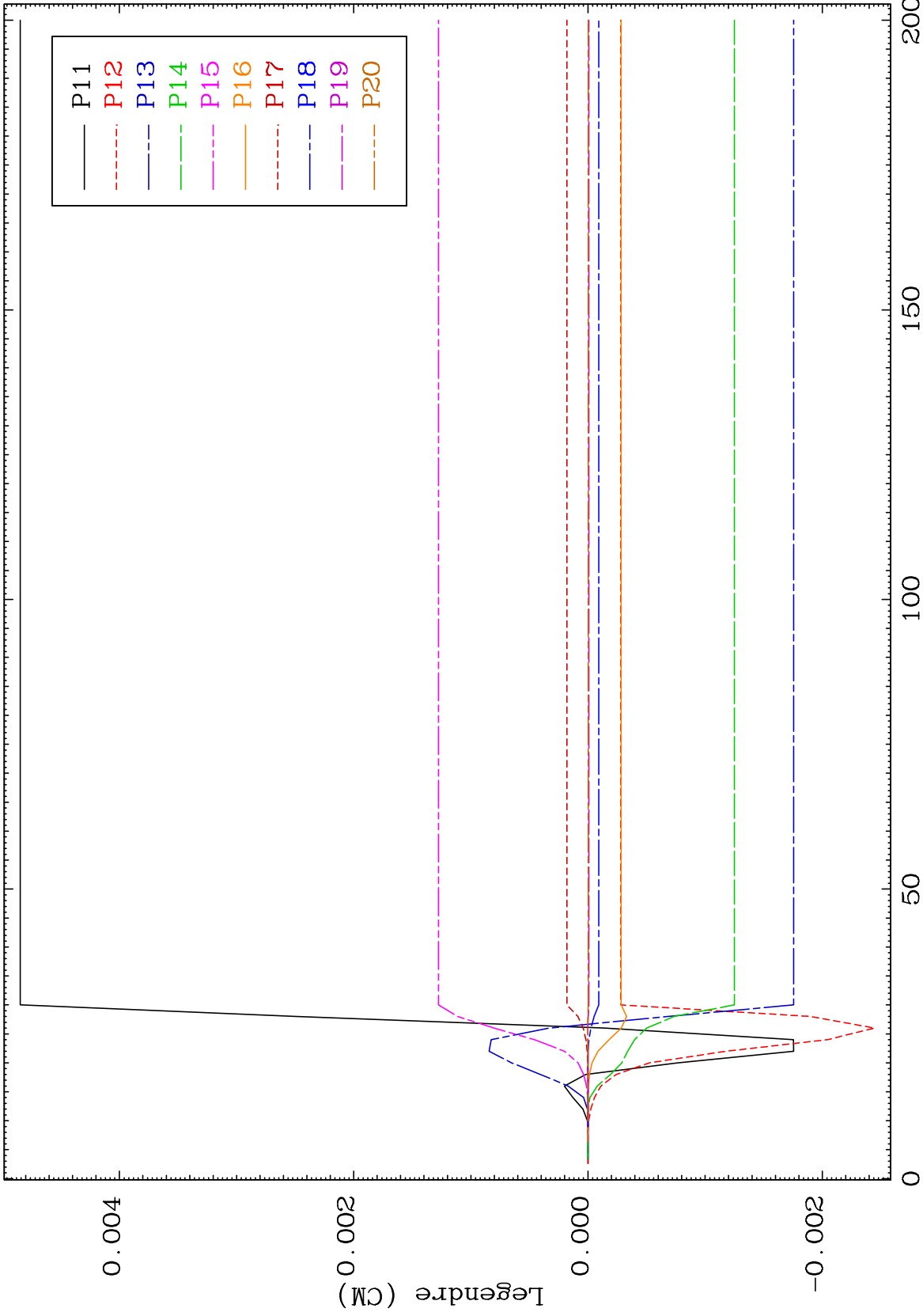
64-Gd-164

Incident Energy (MeV)

MAT 6461

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

64-Gd-164



101

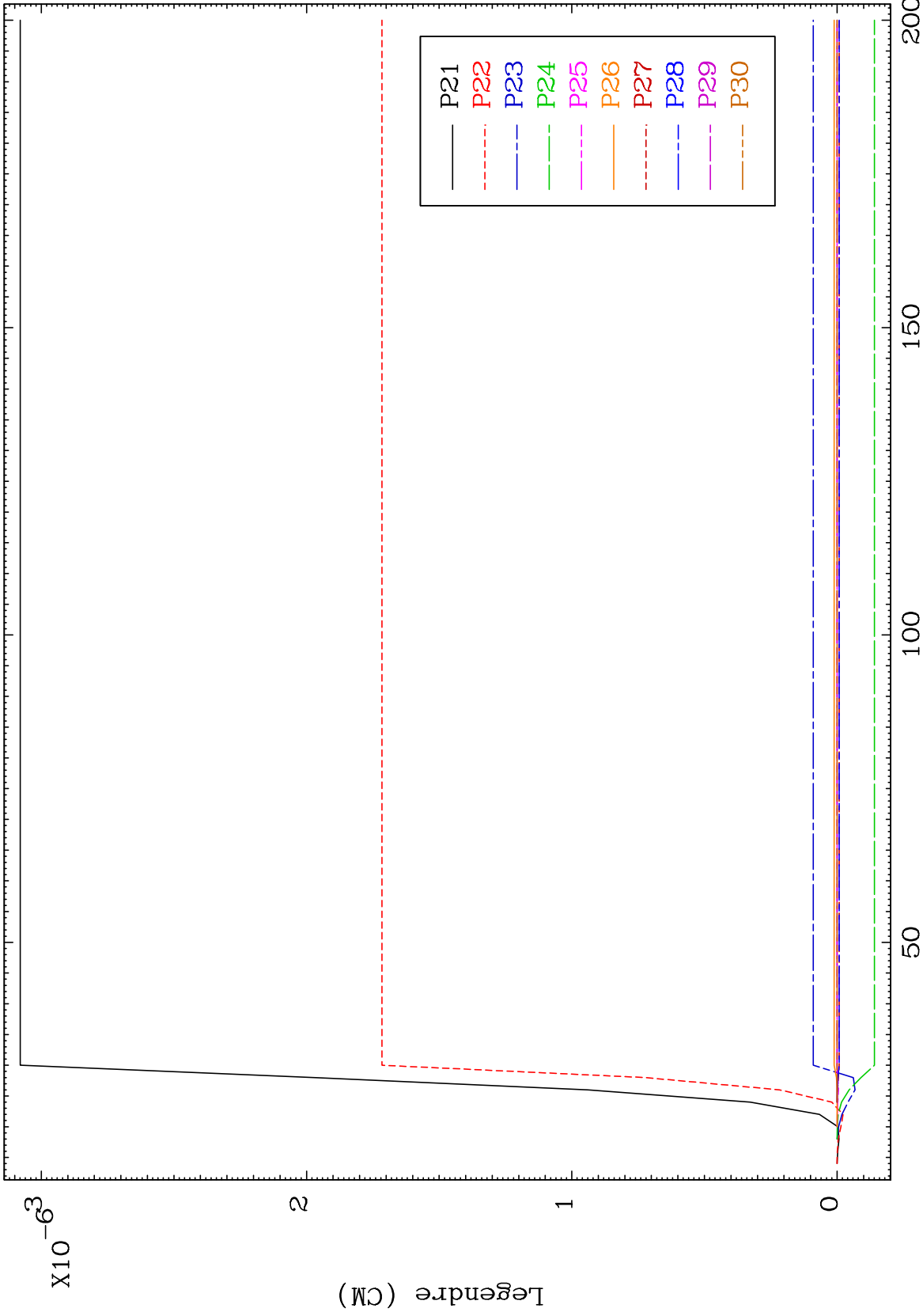
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



102

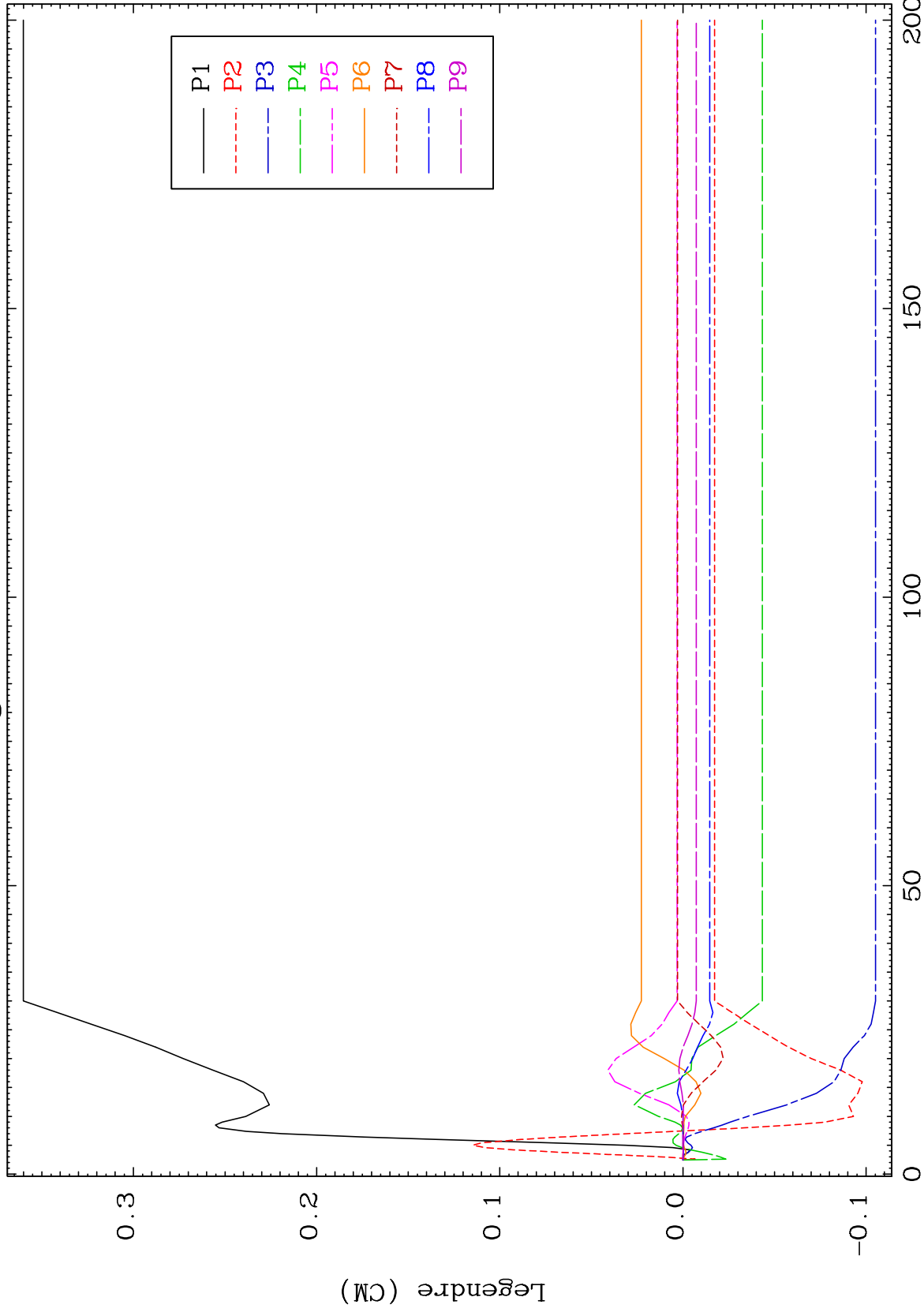
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



103

Incident Energy (MeV)

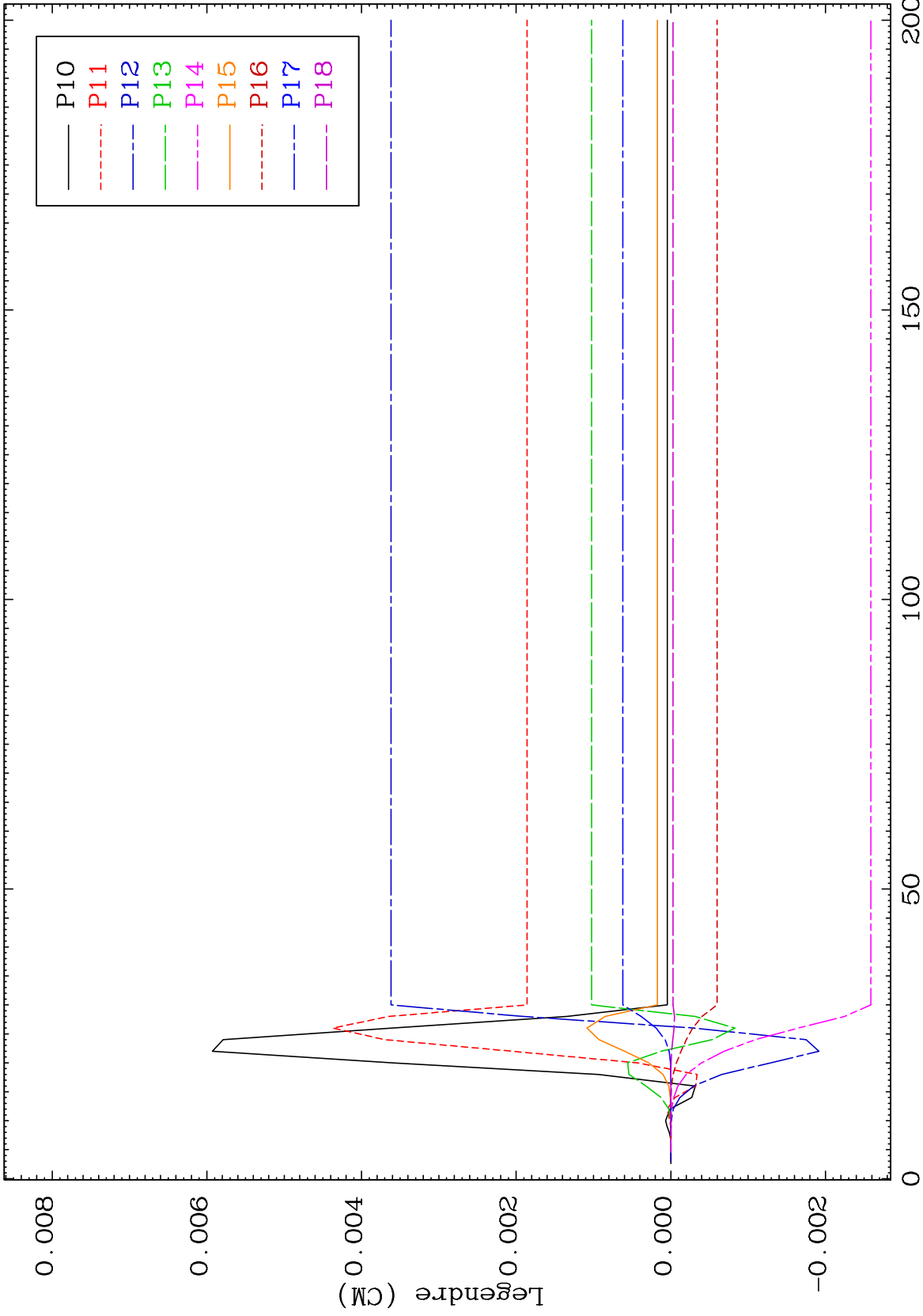
64-Gd-164



MAT 6461

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

64-Gd-164



104

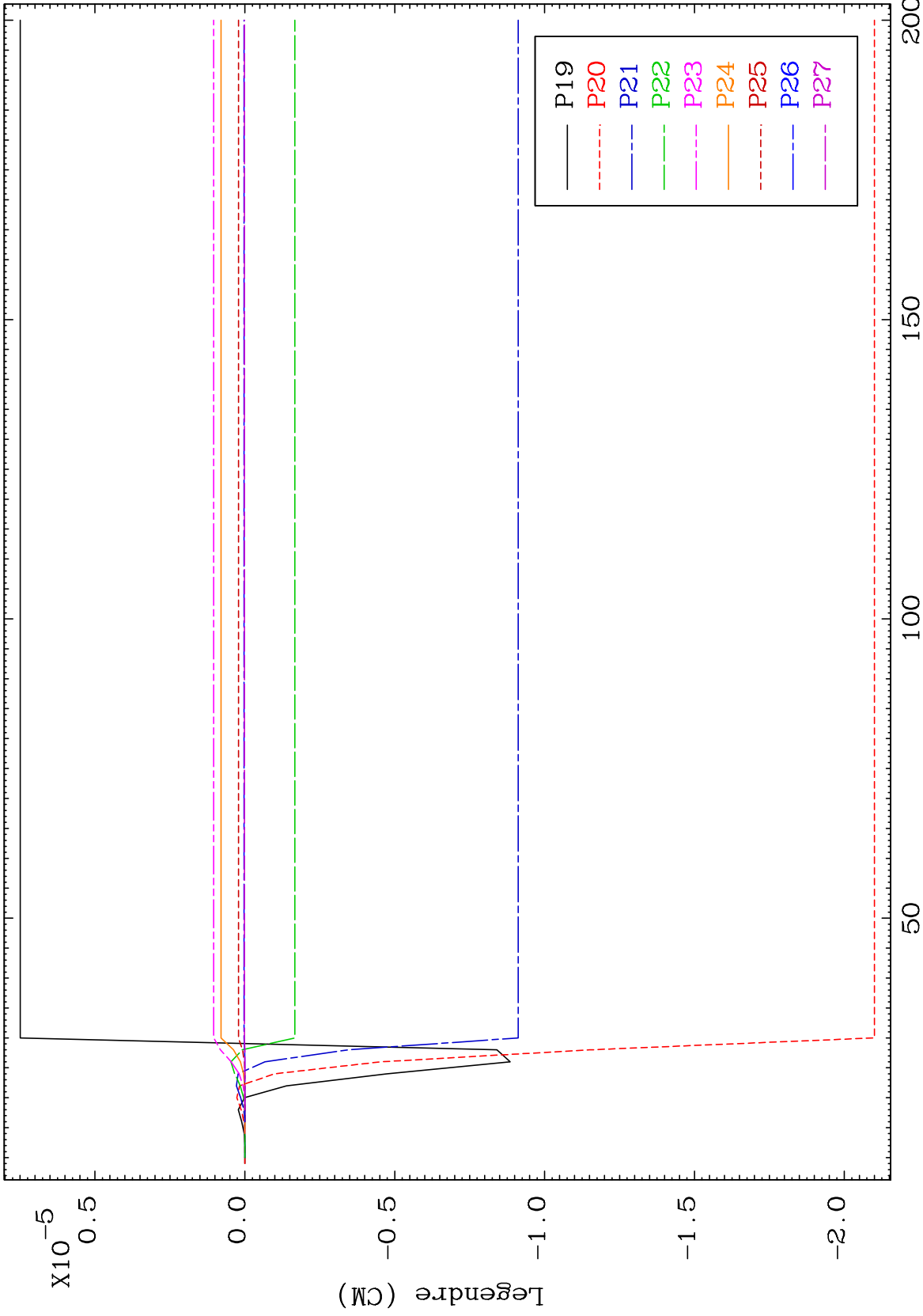
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



105

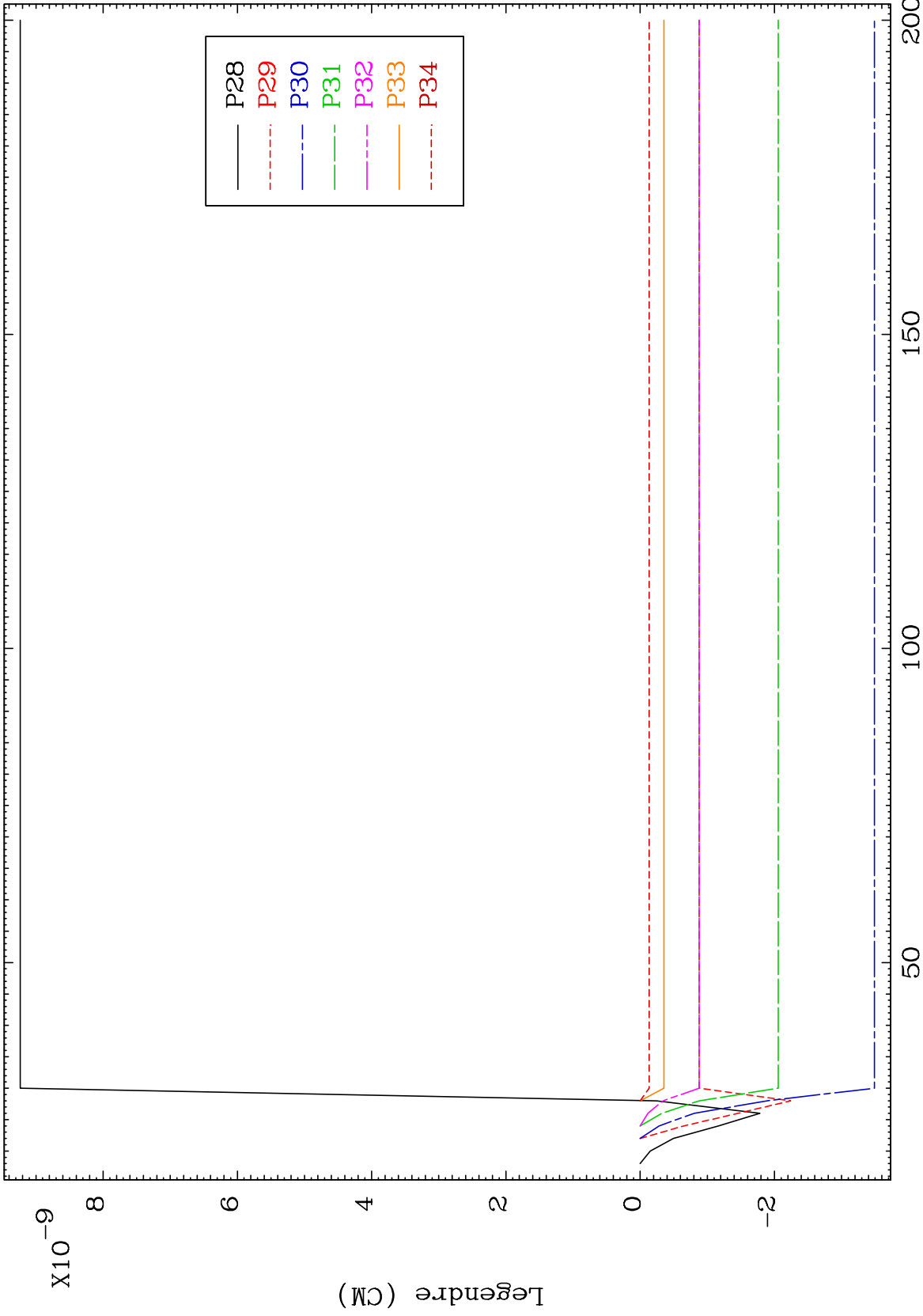
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



106

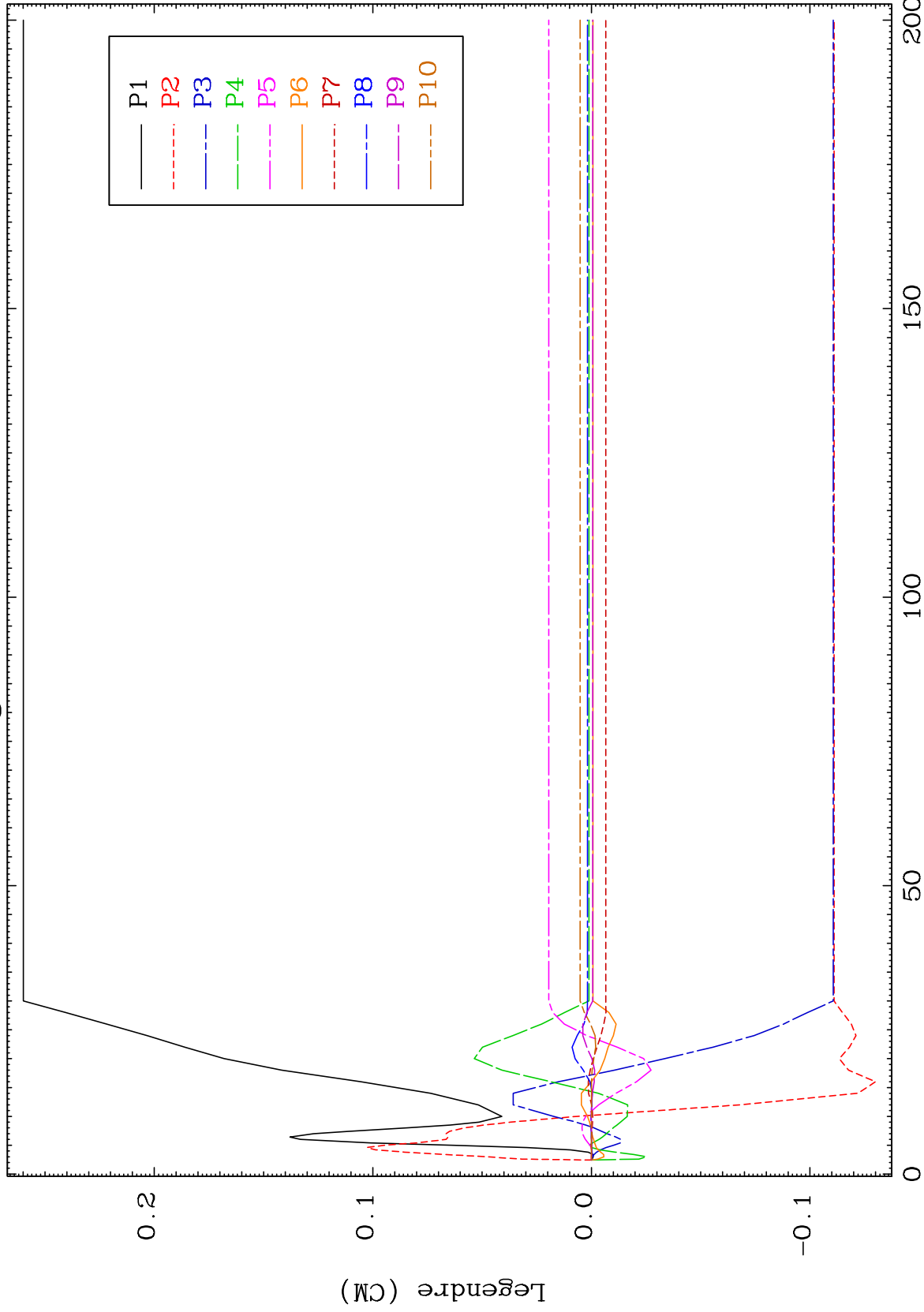
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



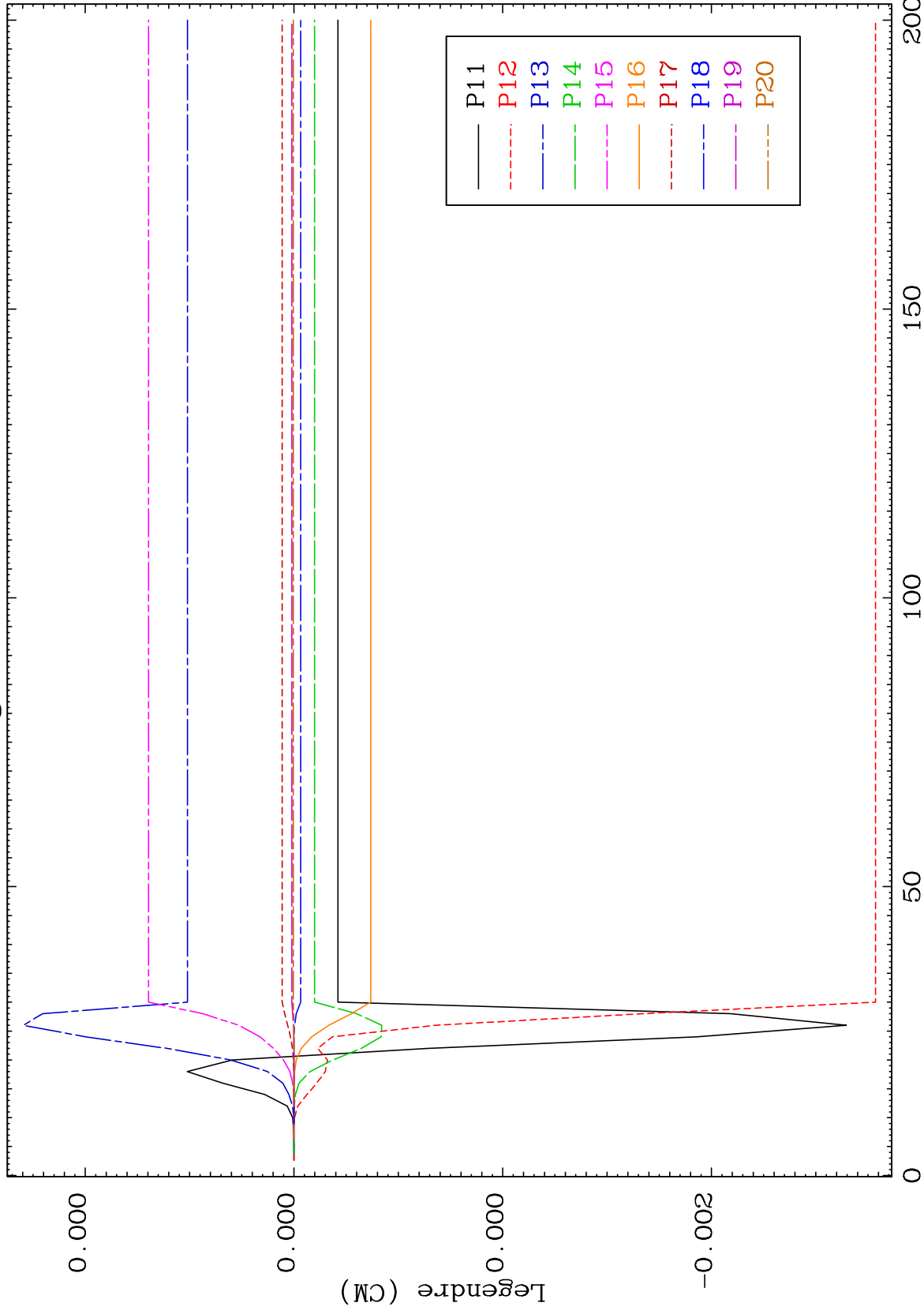
107

64-Gd-164

MAT 6461

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

64-Gd-164



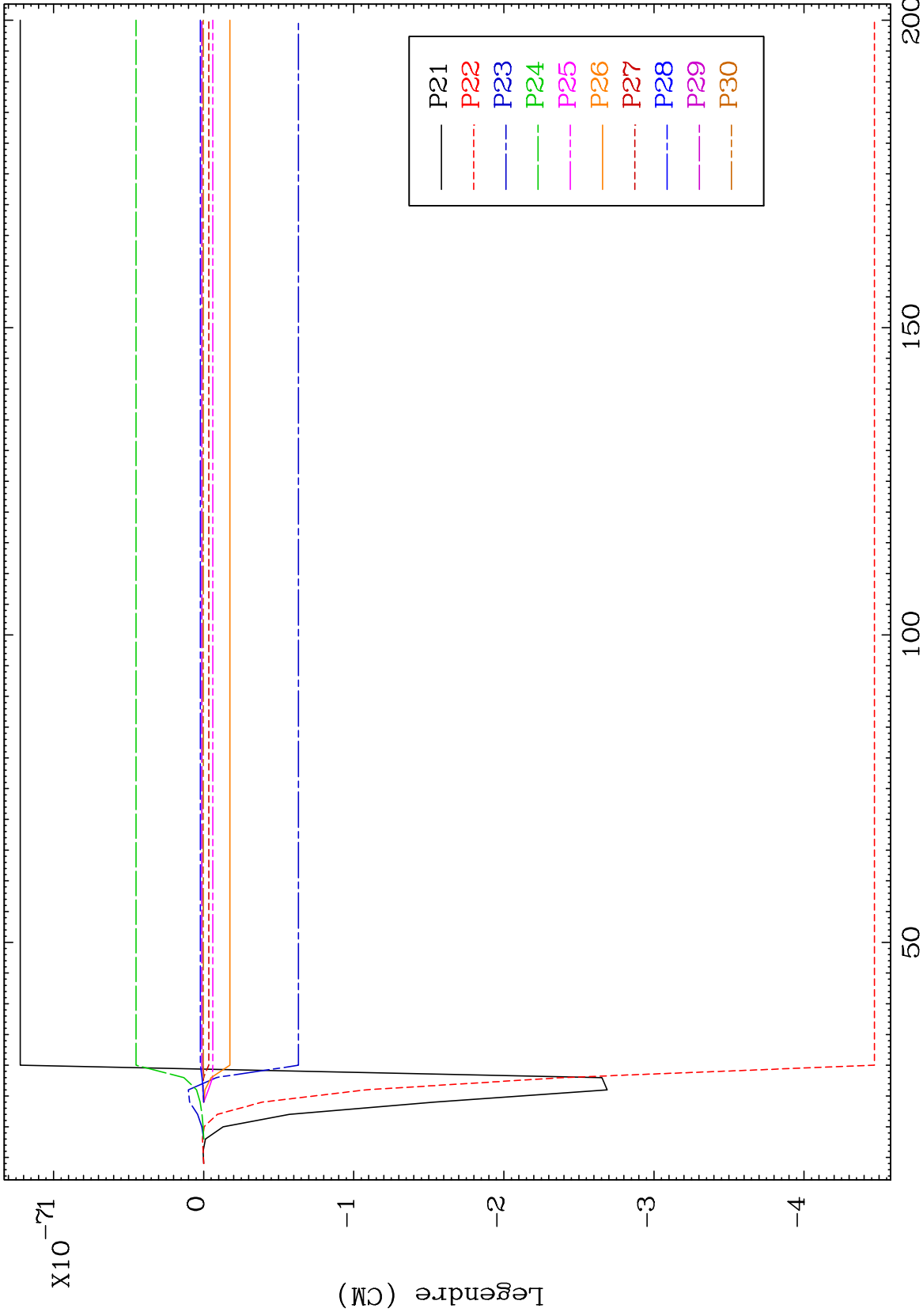
108

64-Gd-164

MAT 6461

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

64-Gd-164

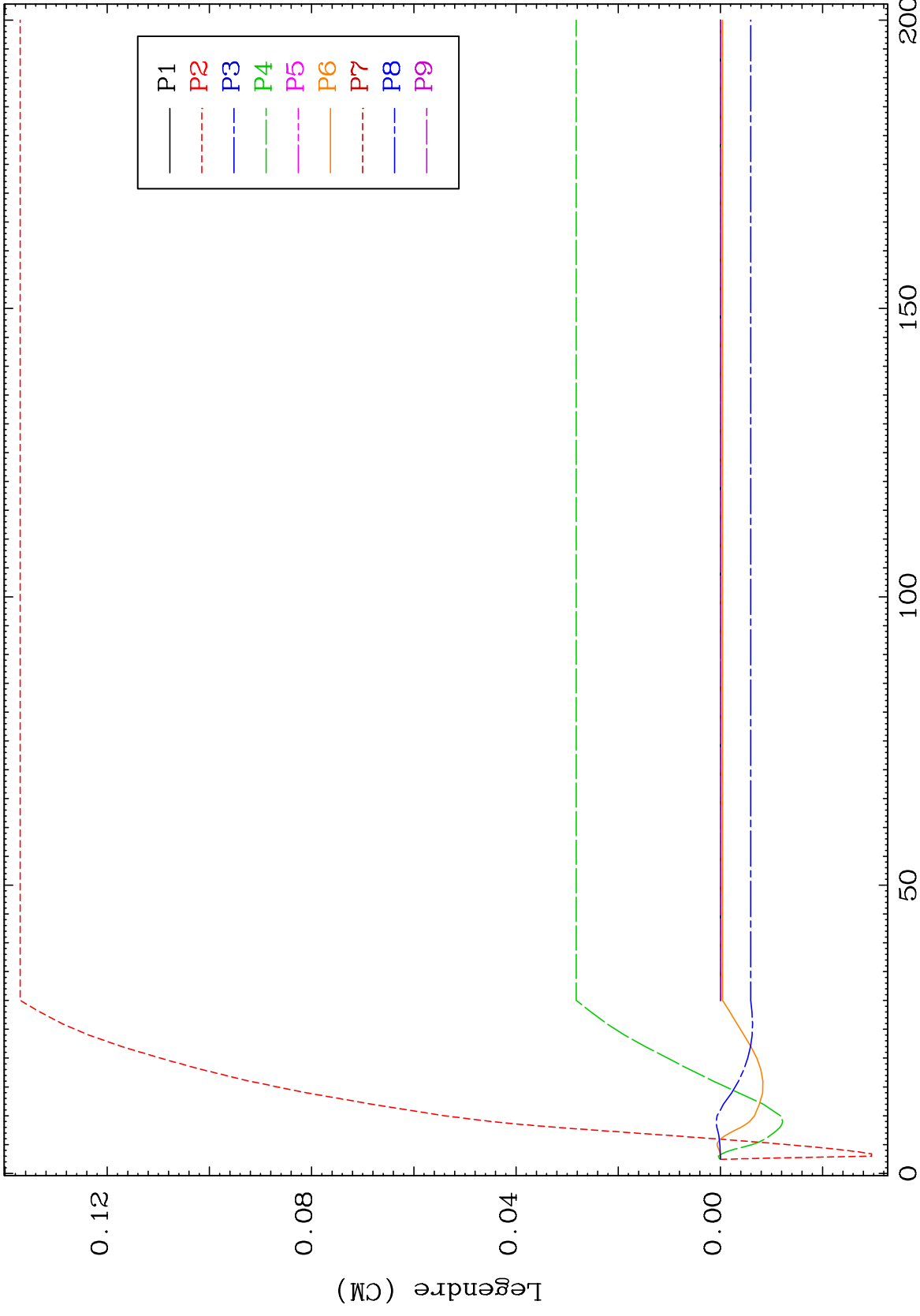


109

Incident Energy (MeV)

64-Gd-164

MAT 6461 MT= 78 (n,n') Level Legendre Coefficients 64-Gd-164

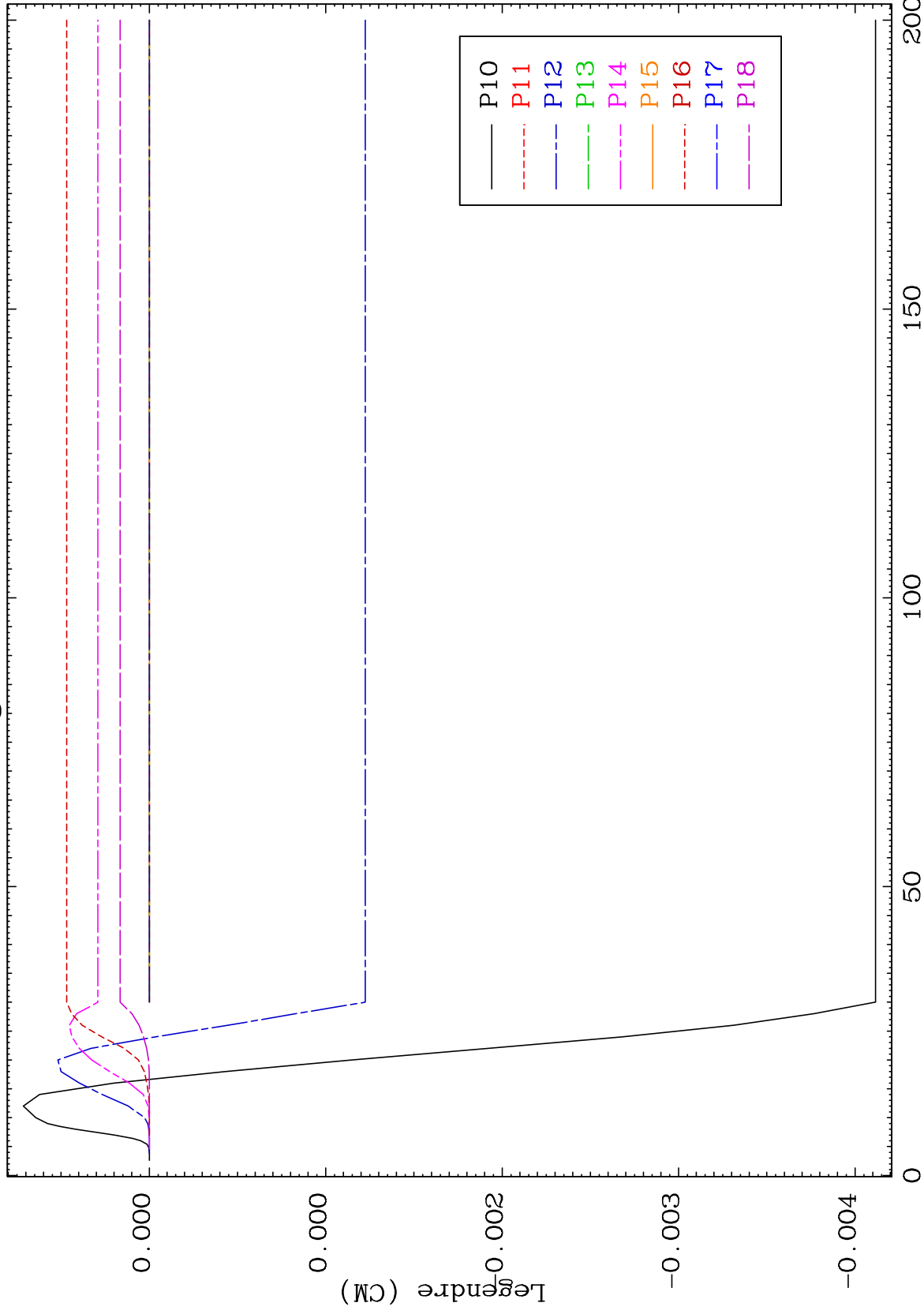


Legendre (CM) Incident Energy (MeV) 64-Gd-164

MAT 6461

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

64-Gd-164



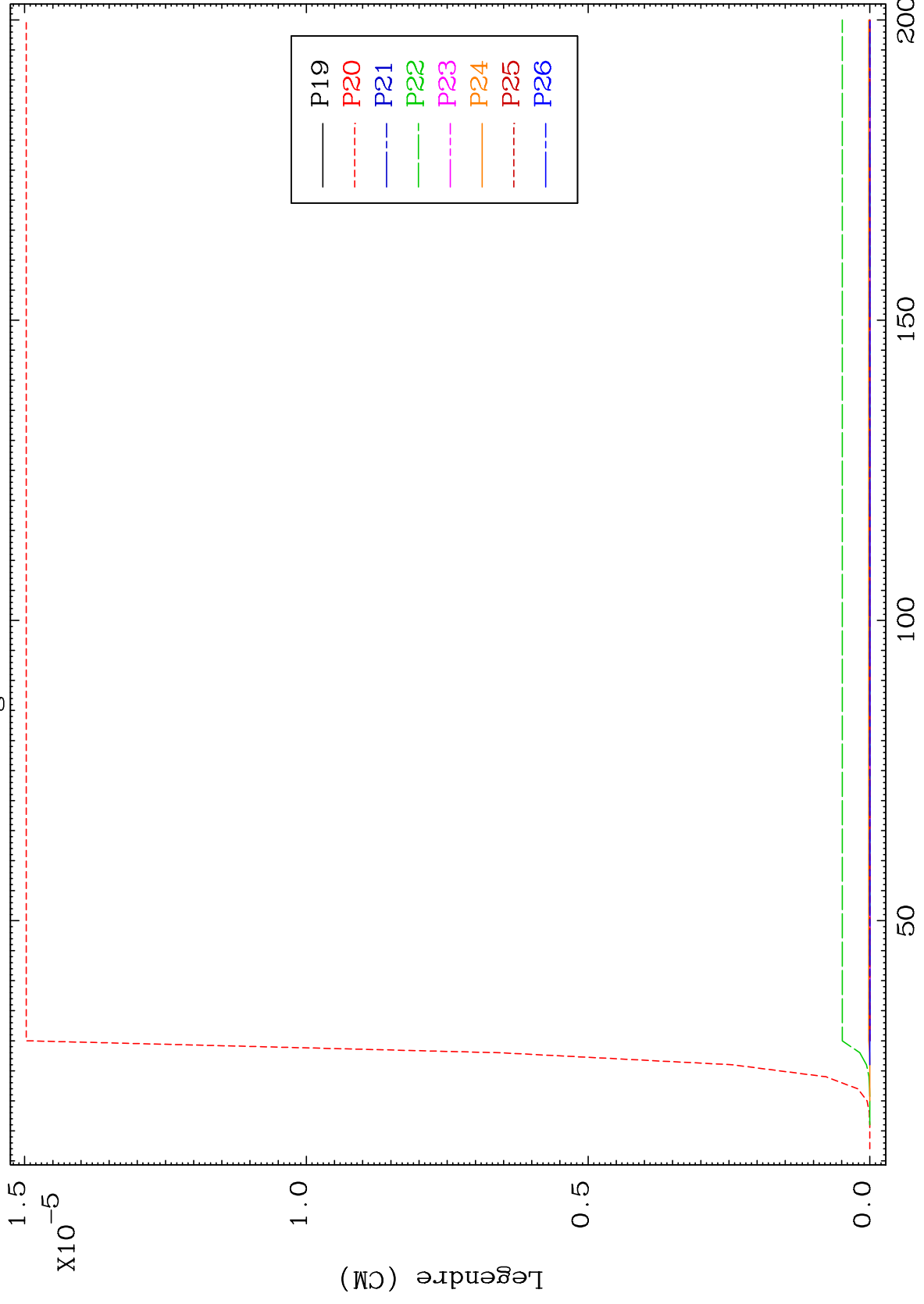
111

Incident Energy (MeV)

64-Gd-164



MAT 6461 MT= 78 (n,n') Level Legendre Coefficients 64-Gd-164

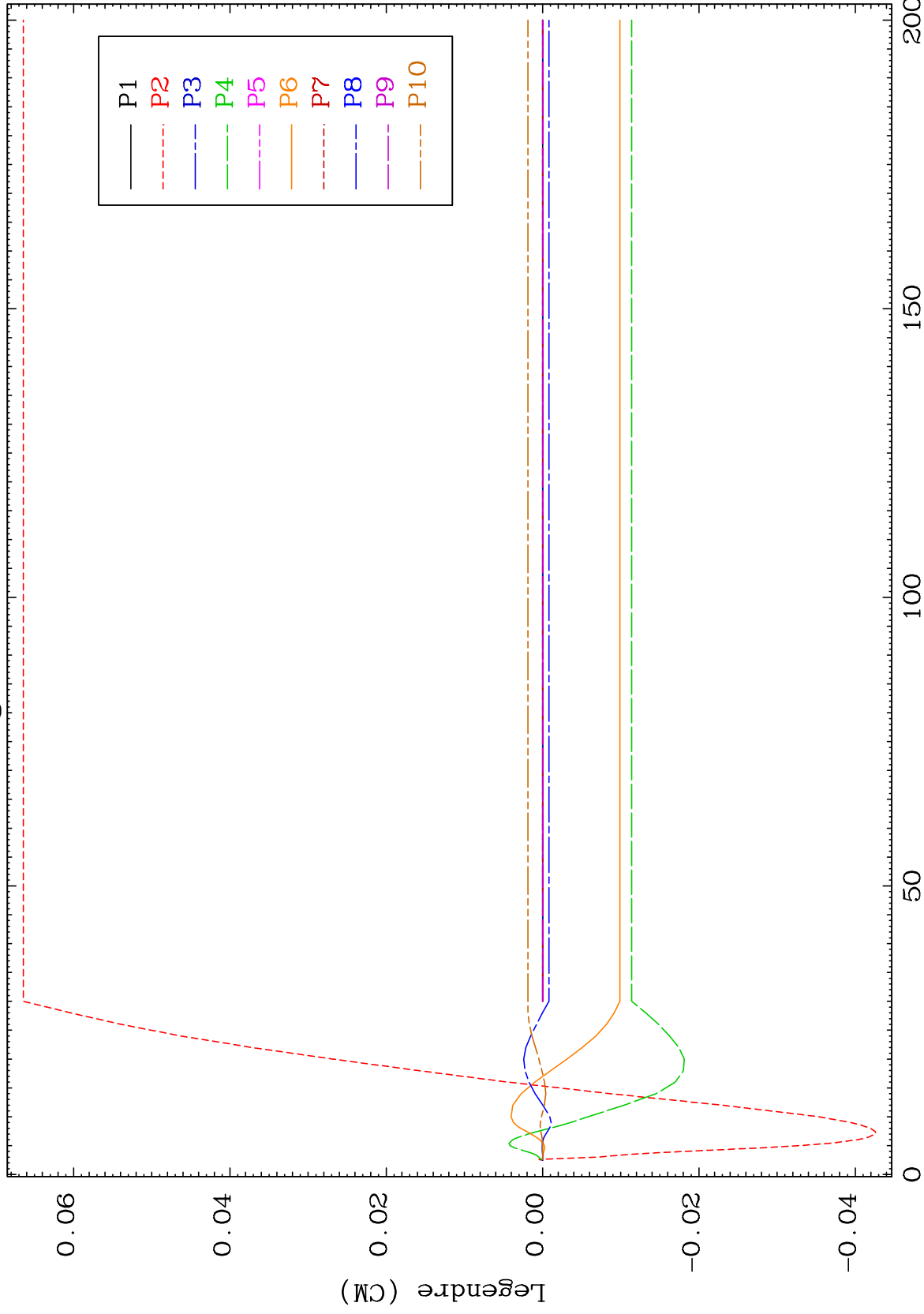


112 Incident Energy (MeV) 64-Gd-164

MAT 6461

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

64-Gd-164

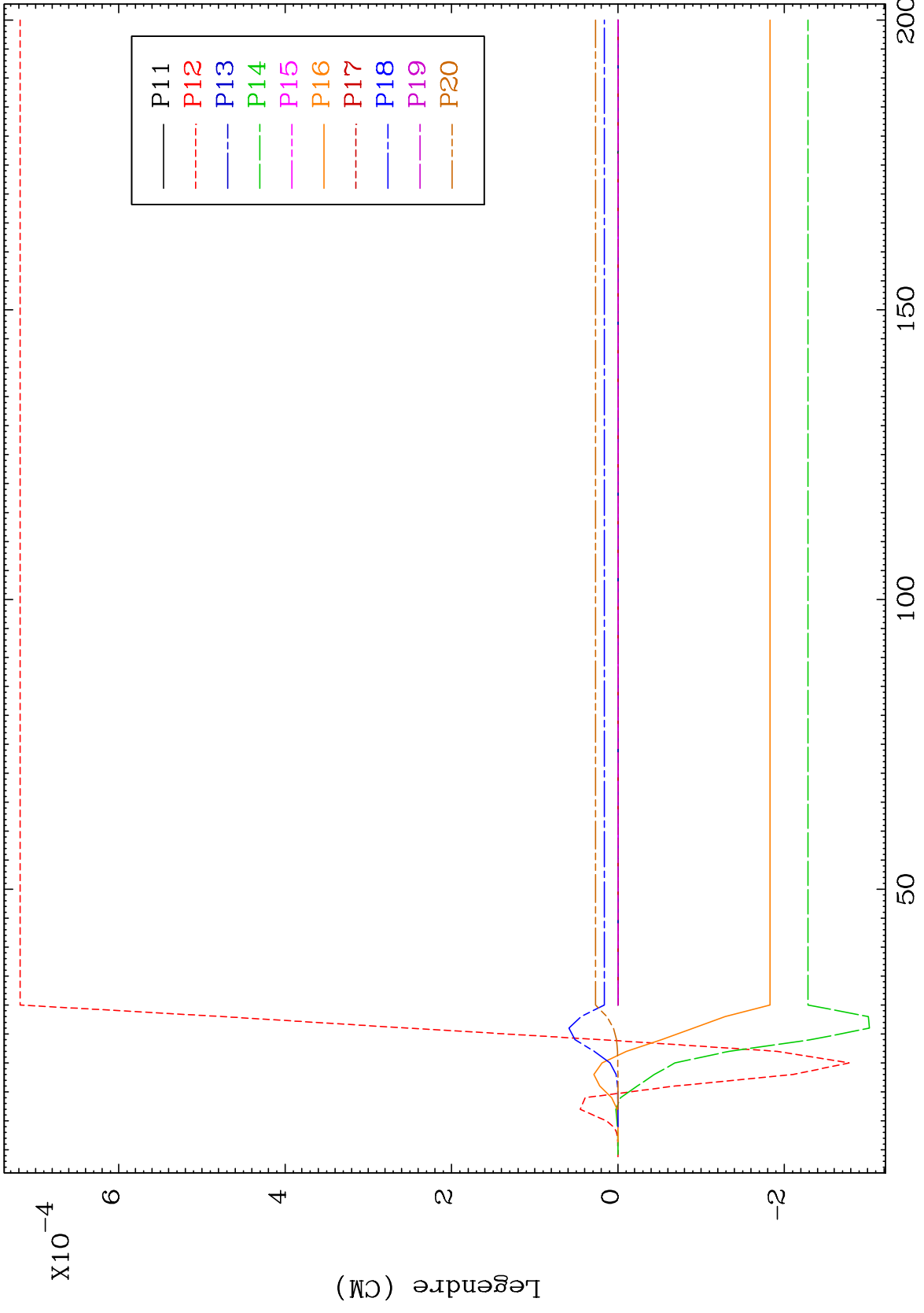


113

Incident Energy (MeV)

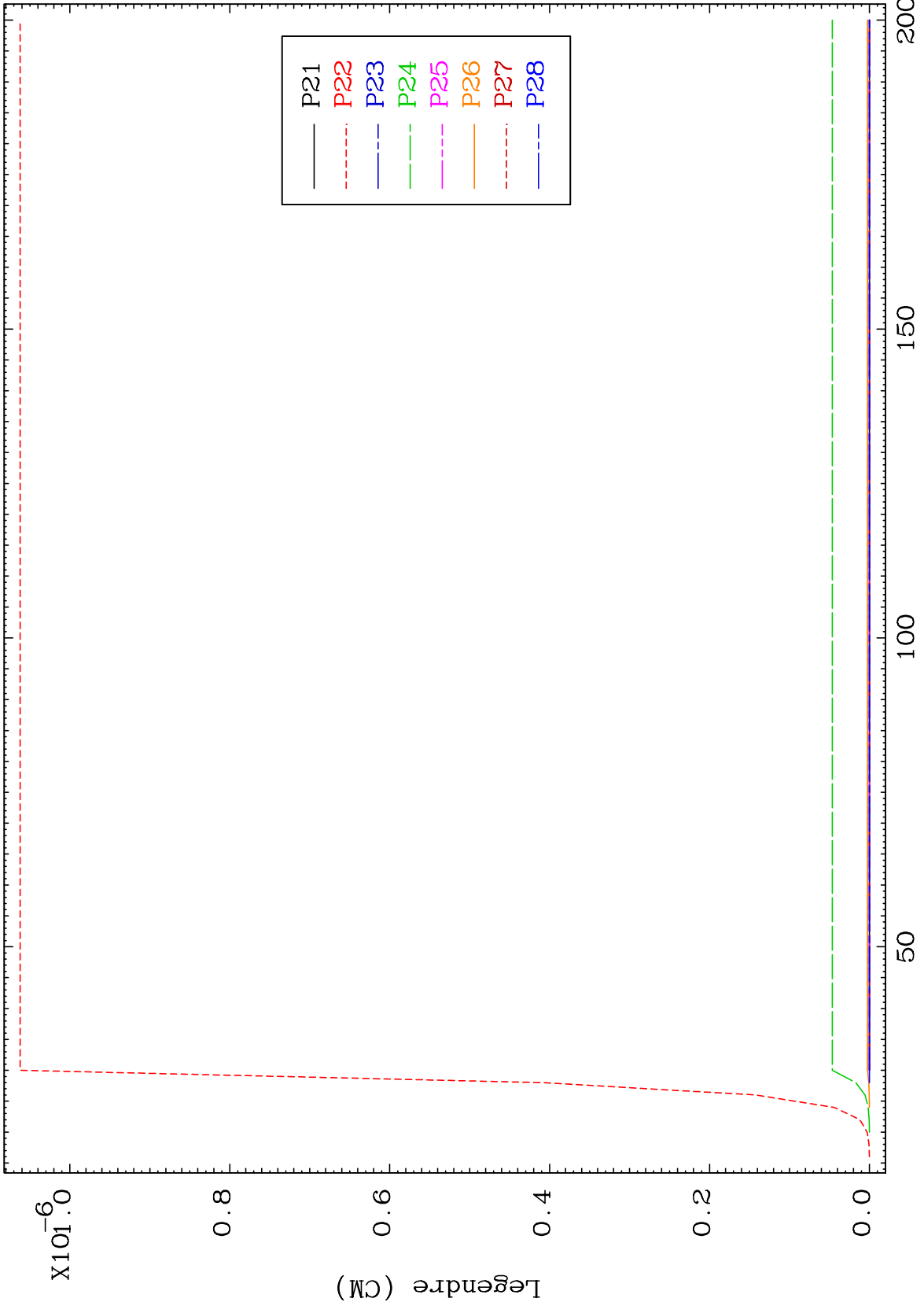
64-Gd-164

MAT 6461 MT= 79 (n,n') Level Legendre Coefficients 64-Gd-164



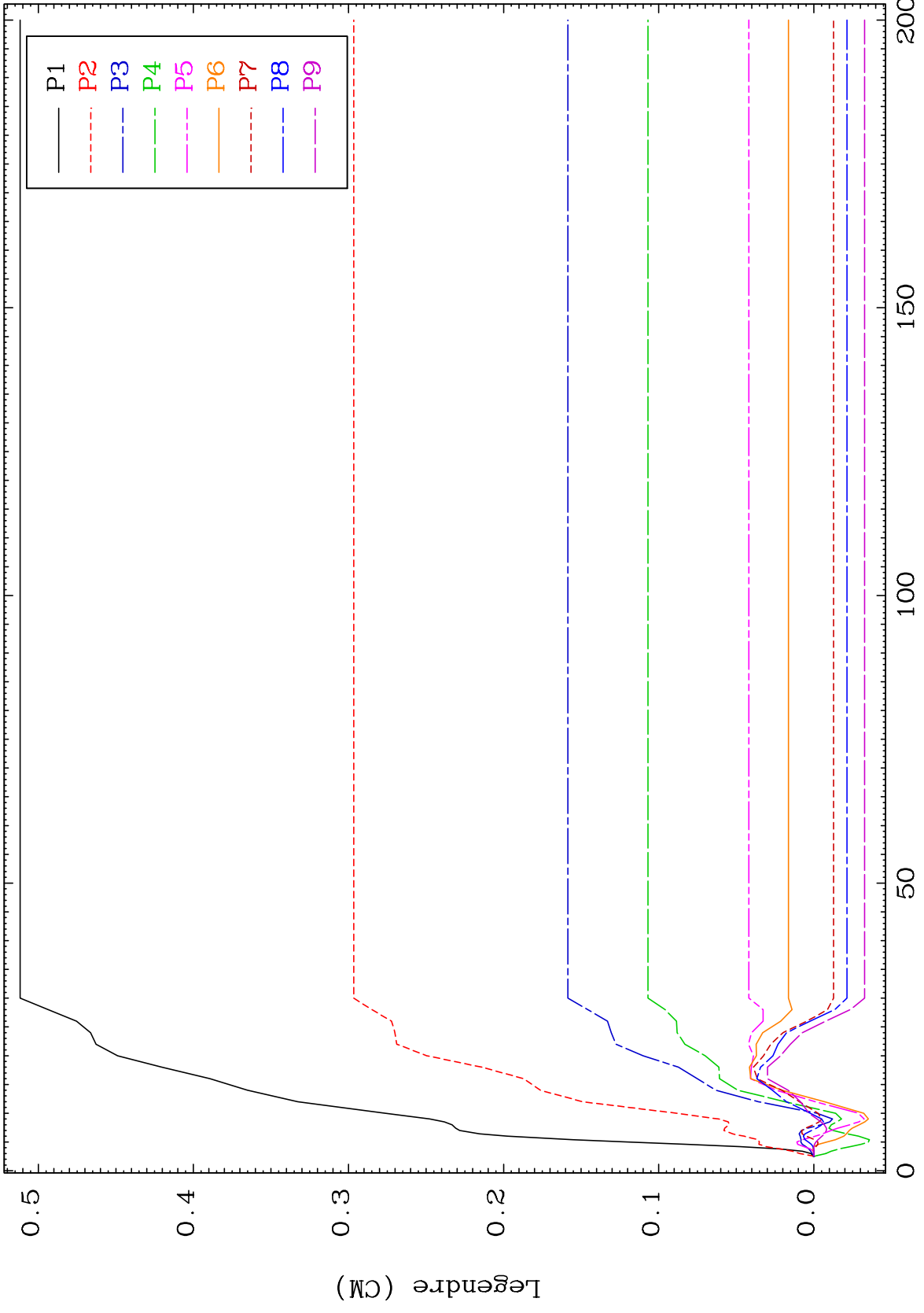
114 64-Gd-164

MAT 6461 MT= 79 (n,n') Level Legendre Coefficients 64-Gd-164



115 Incident Energy (MeV) 64-Gd-164

MAT 6461 MT= 80 (n,n') Level Legendre Coefficients 64-Gd-164

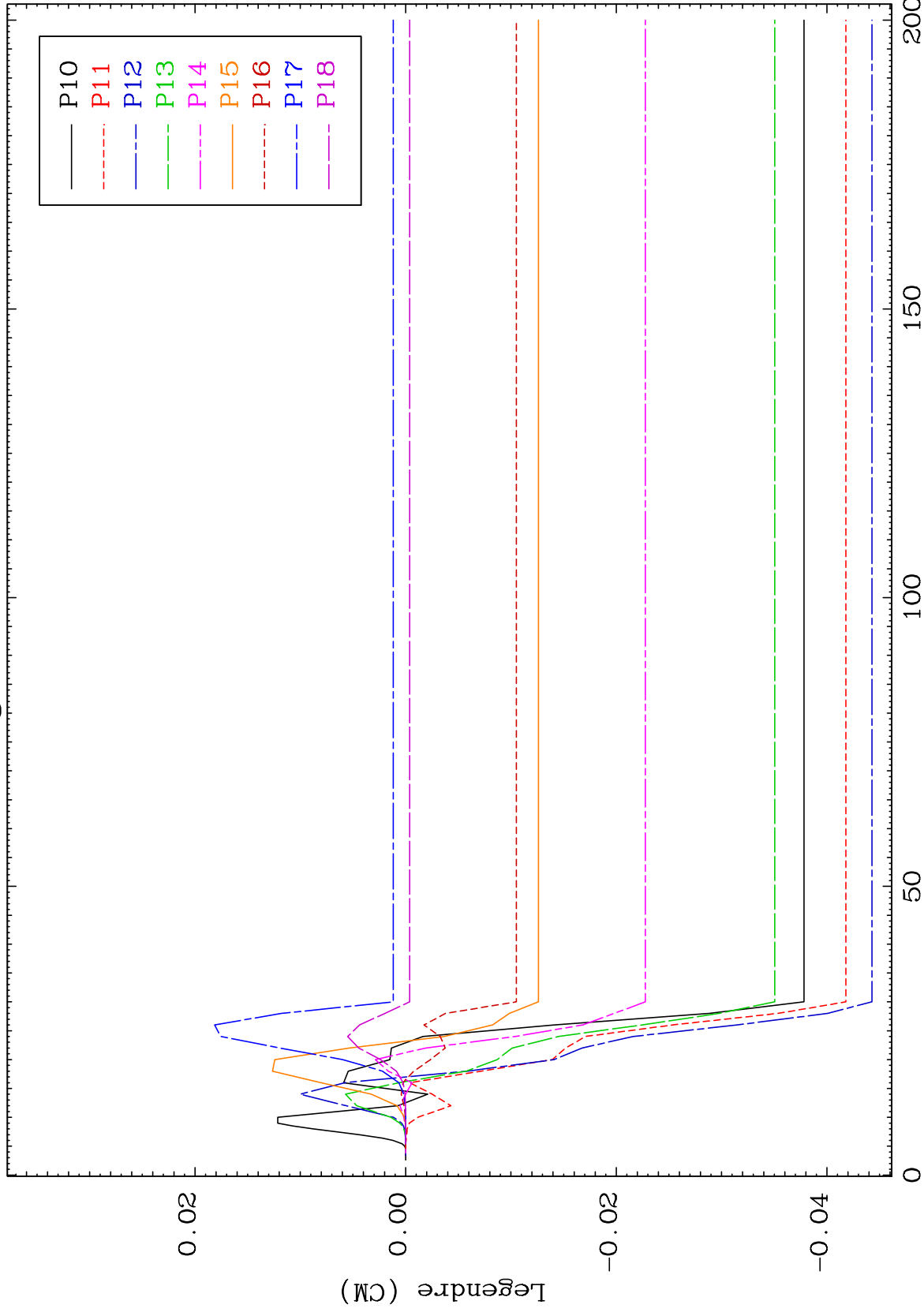


116 64-Gd-164

MAT 6461

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

64-Gd-164



117

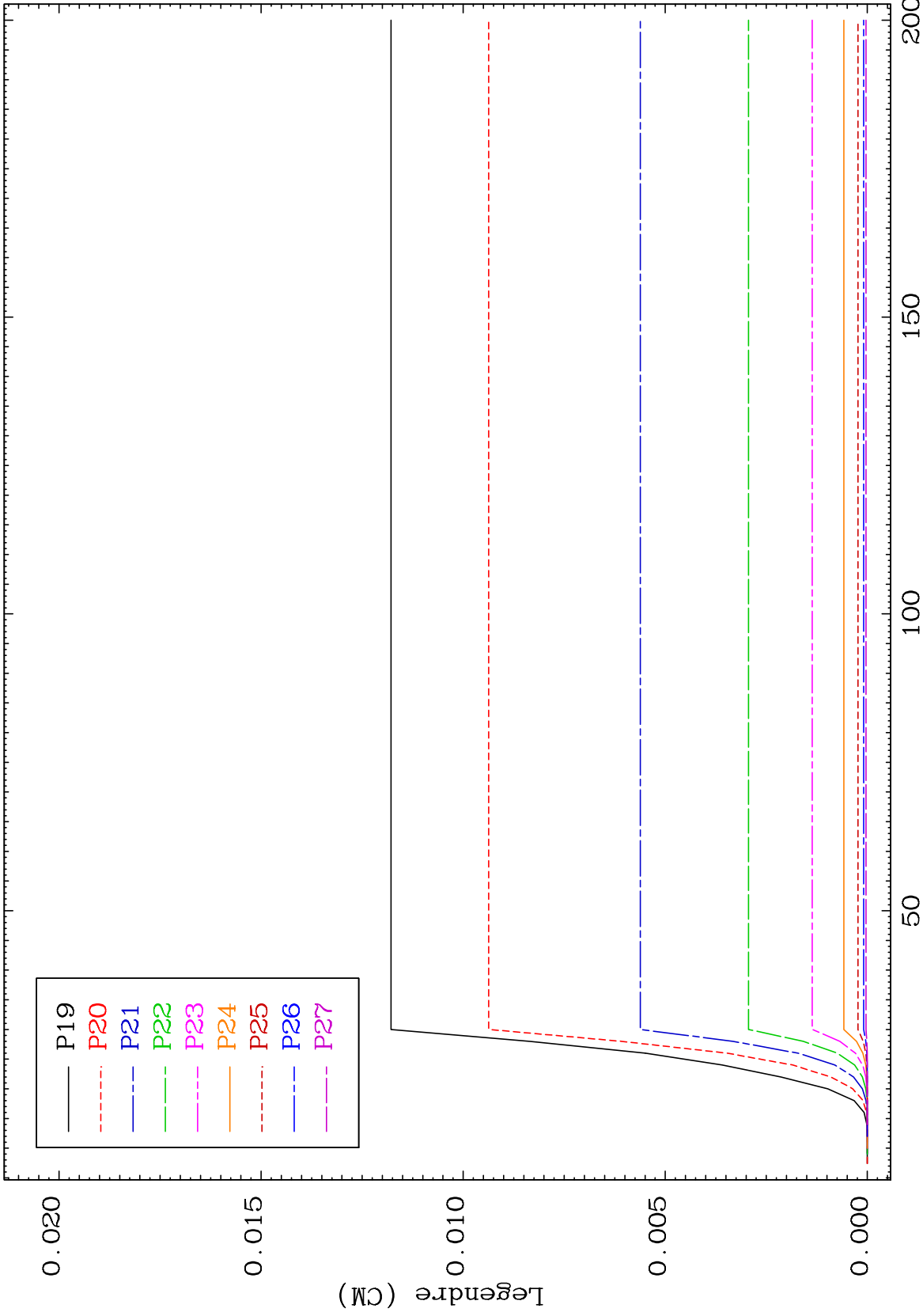
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



118

Incident Energy (MeV)

64-Gd-164

