

Program EVALPLOT  
(Version 2021-1)

by

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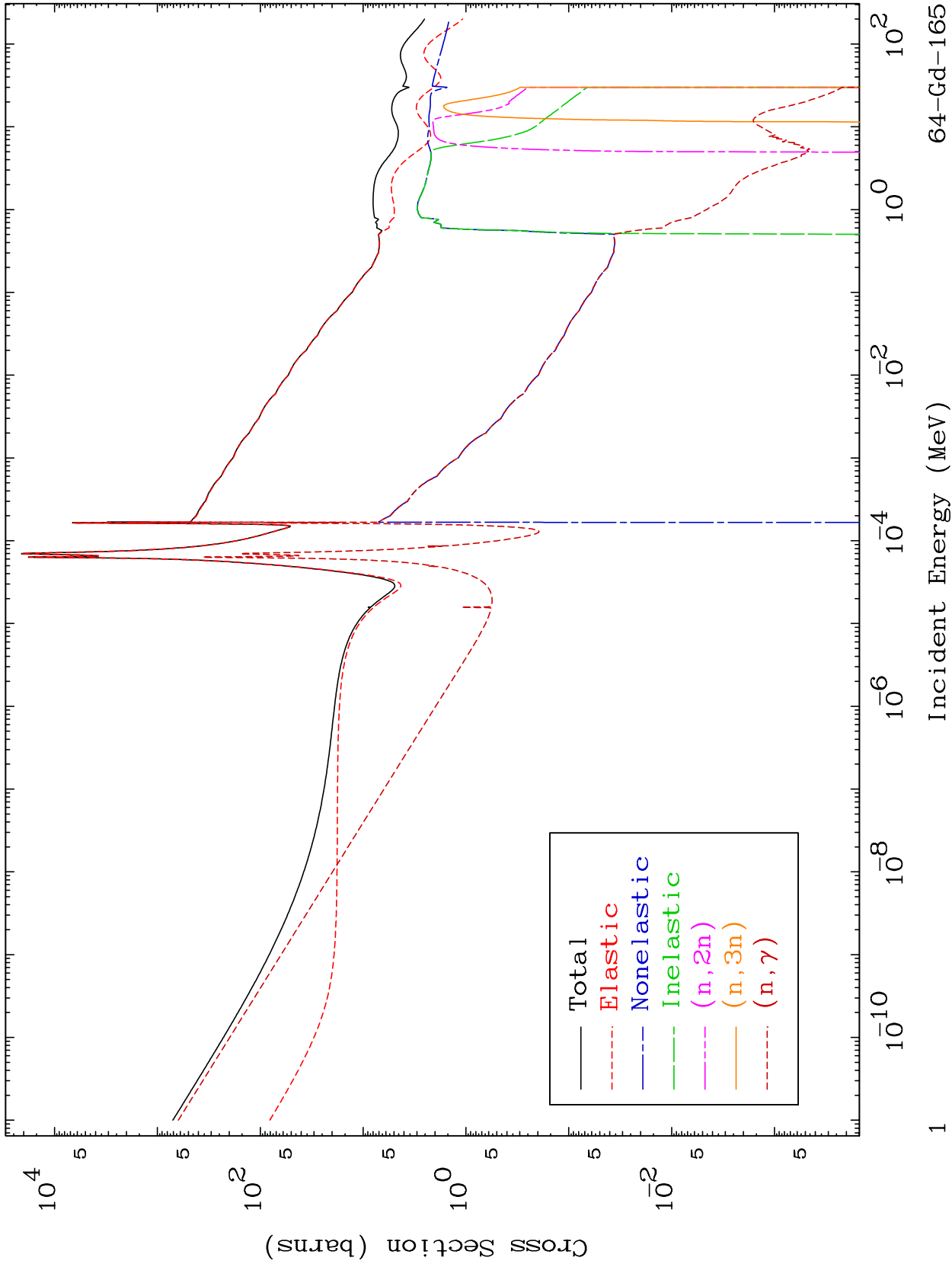
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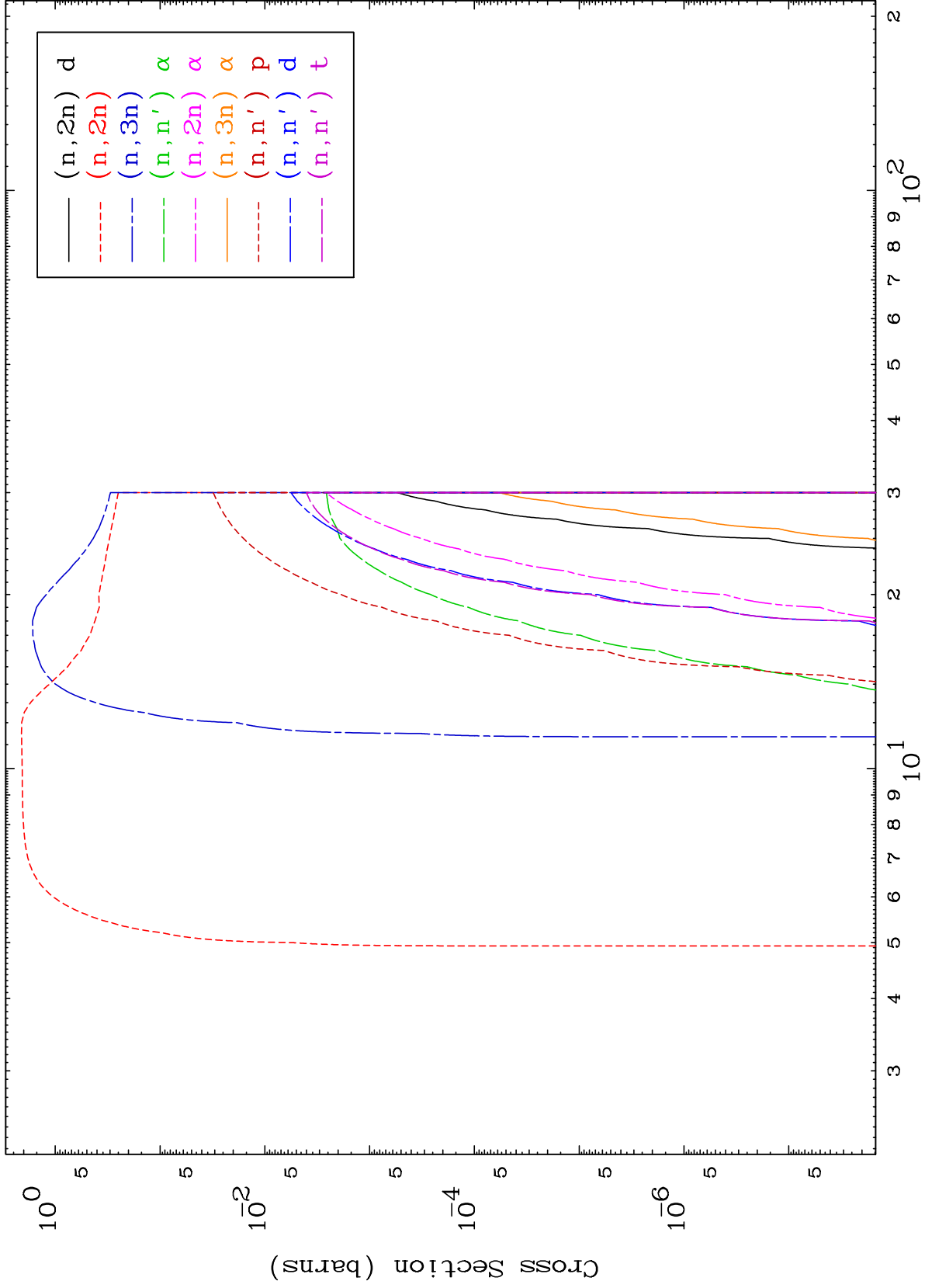
Press Mouse Button to Start

MAT 6464

Neutron Major  
293 Kelvin Cross Sections

64-Gd-165

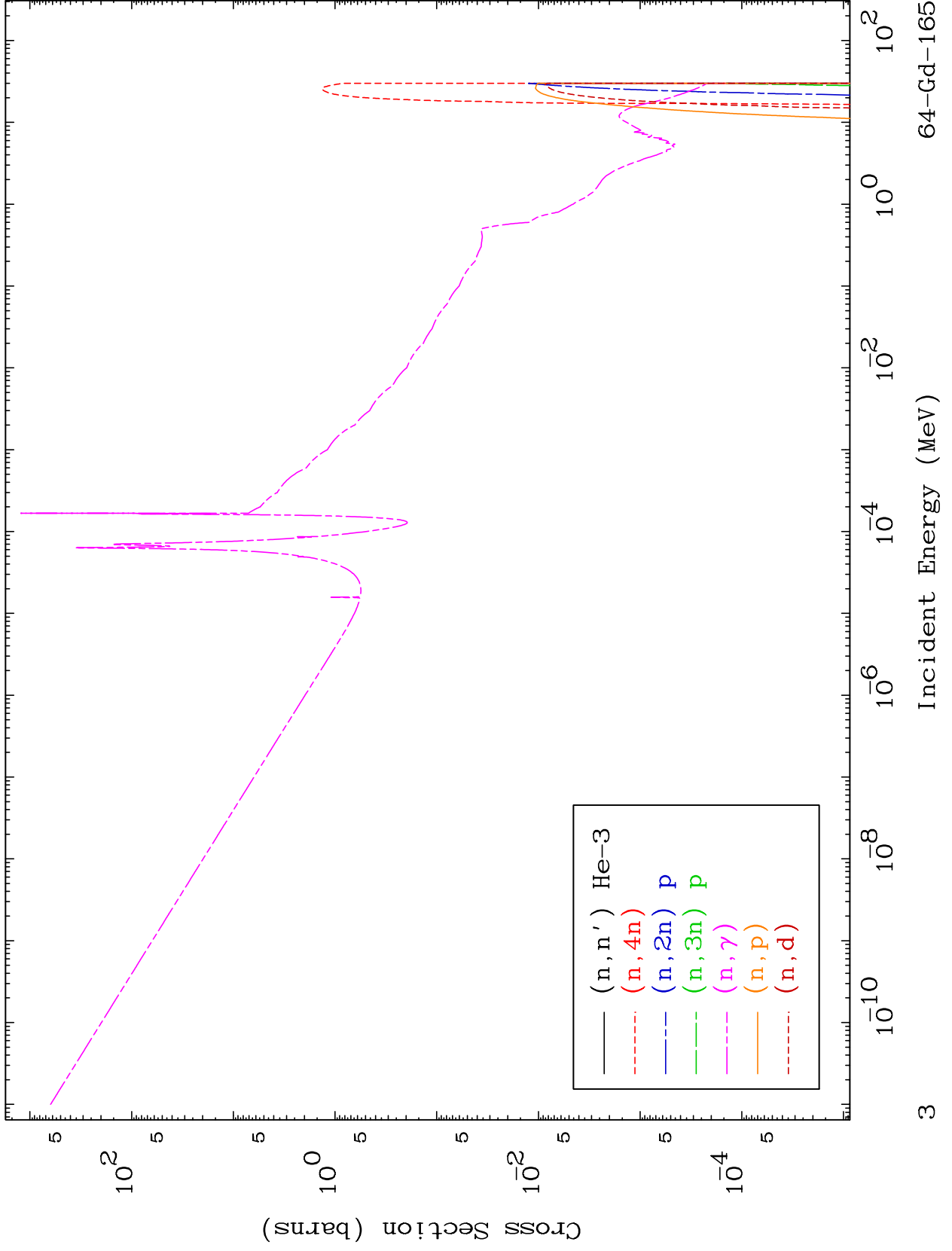




MAT 6464

Neutron Absorption  
293 Kelvin Cross Sections

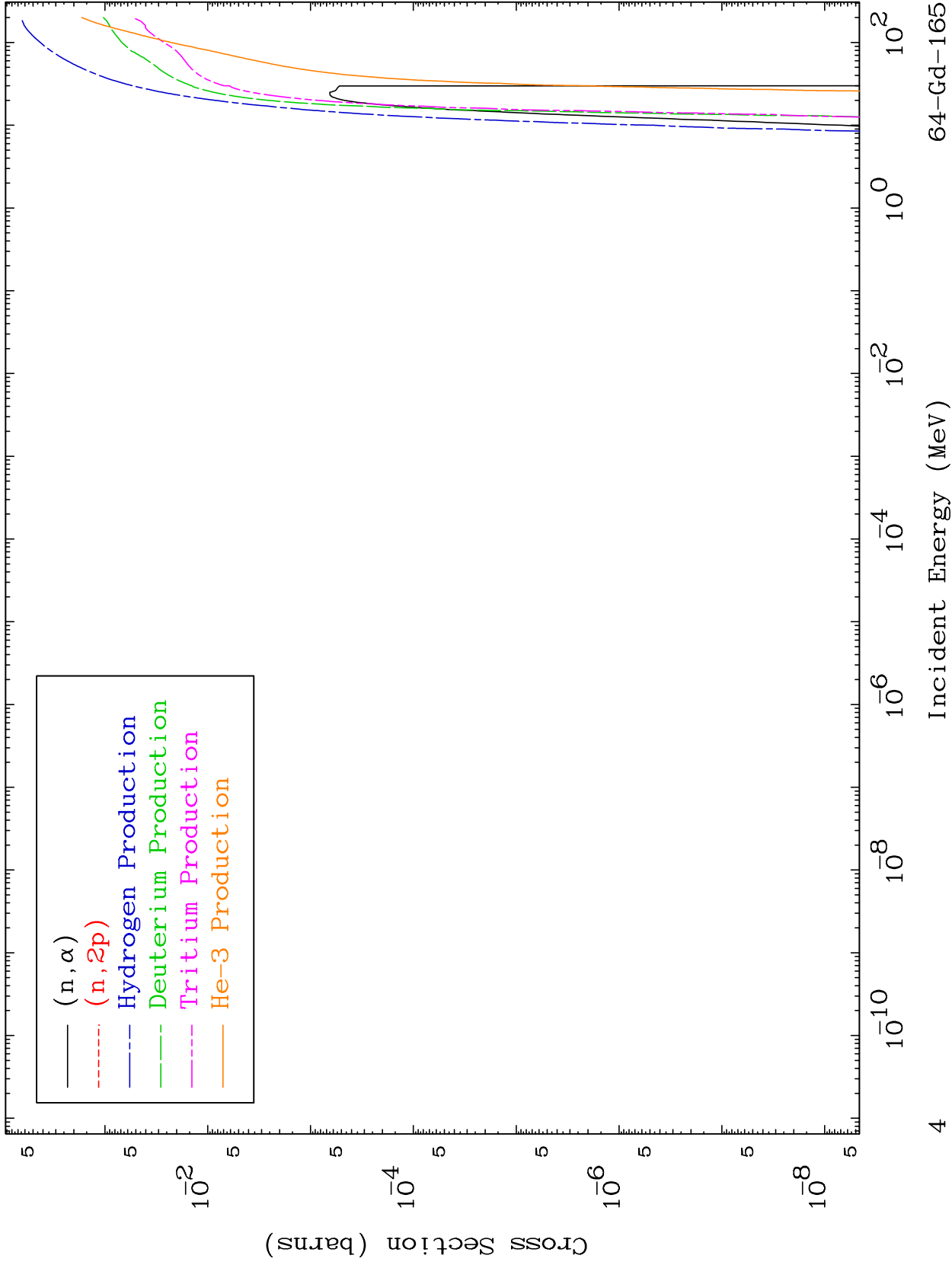
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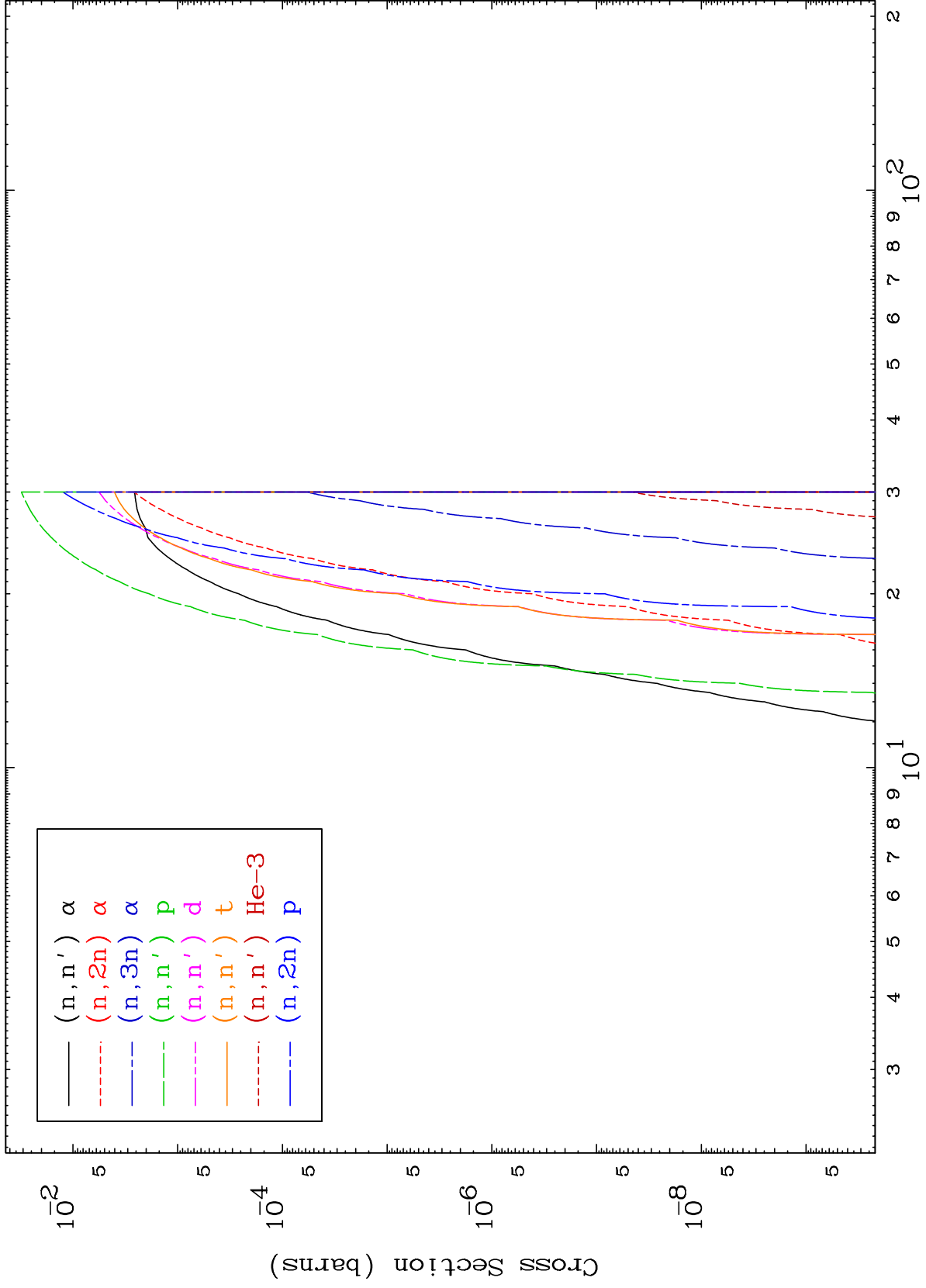


MAT 6464

Neutron Absorption  
293 Kelvin Cross Sections

64-Gd-165

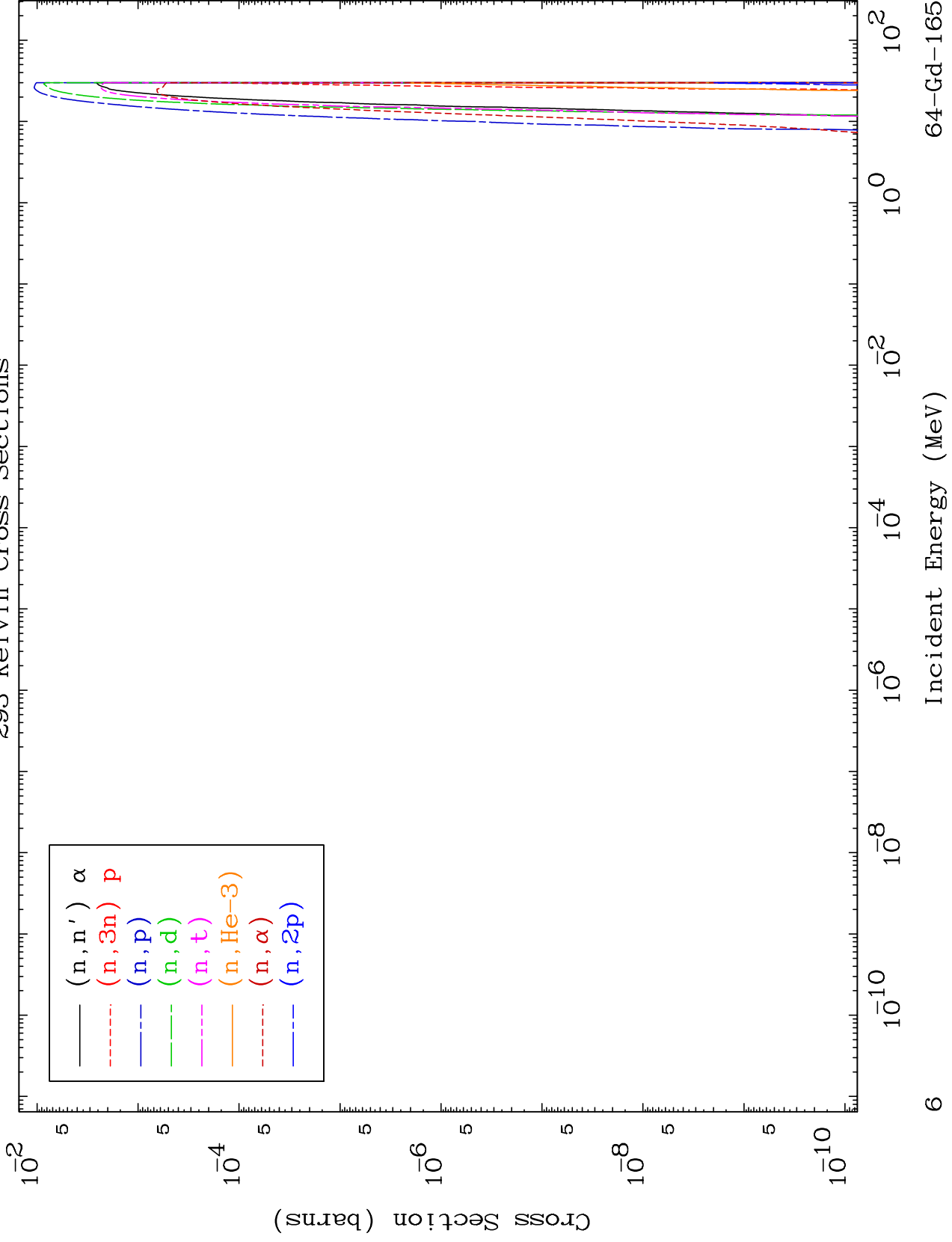




MAT 6464

Charged Particle  
293 Kelvin Cross Sections

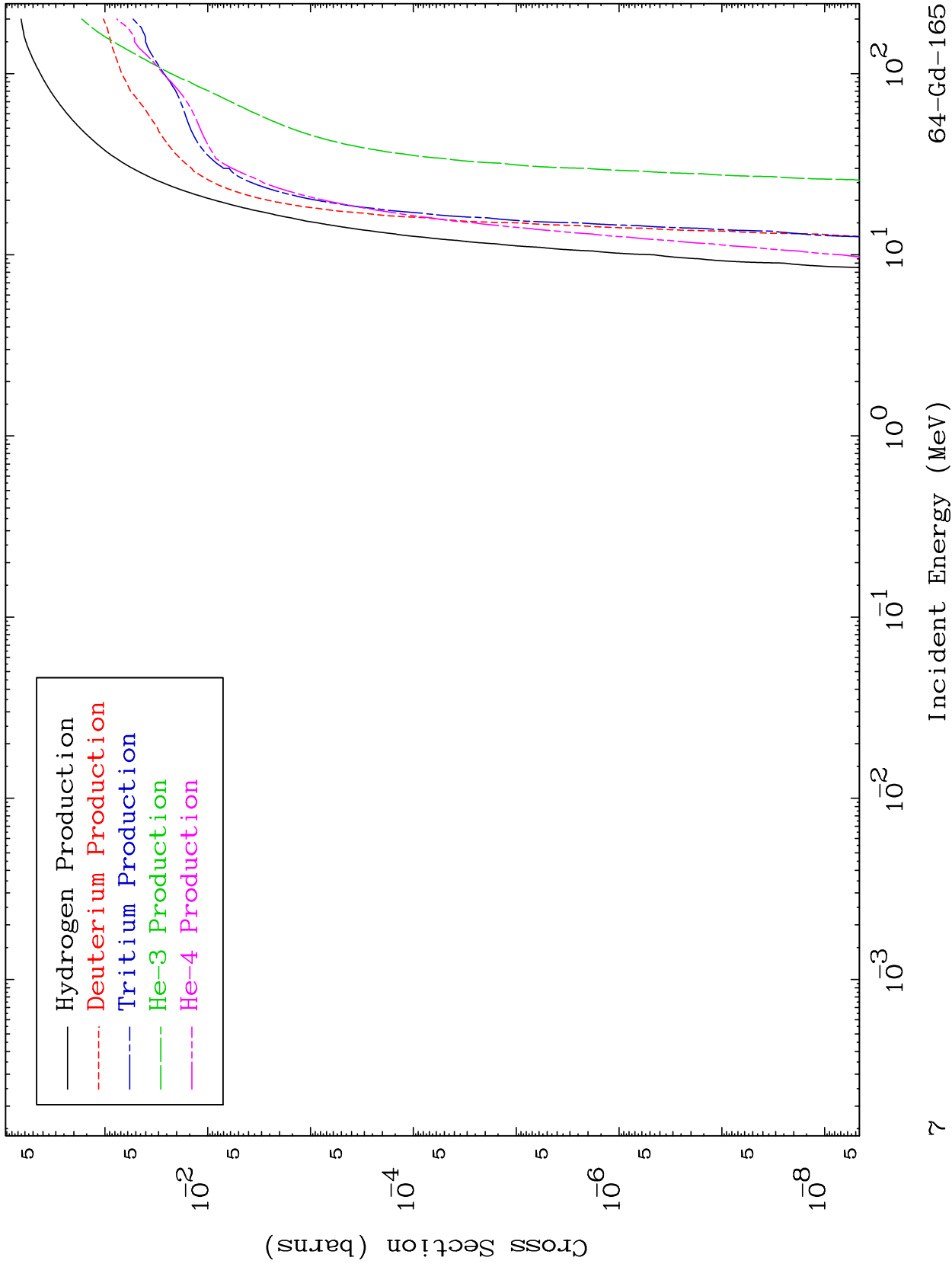
64-Gd-165



MAT 6464

Particle Production  
293 Kelvin Cross Sections

64-Gd-165

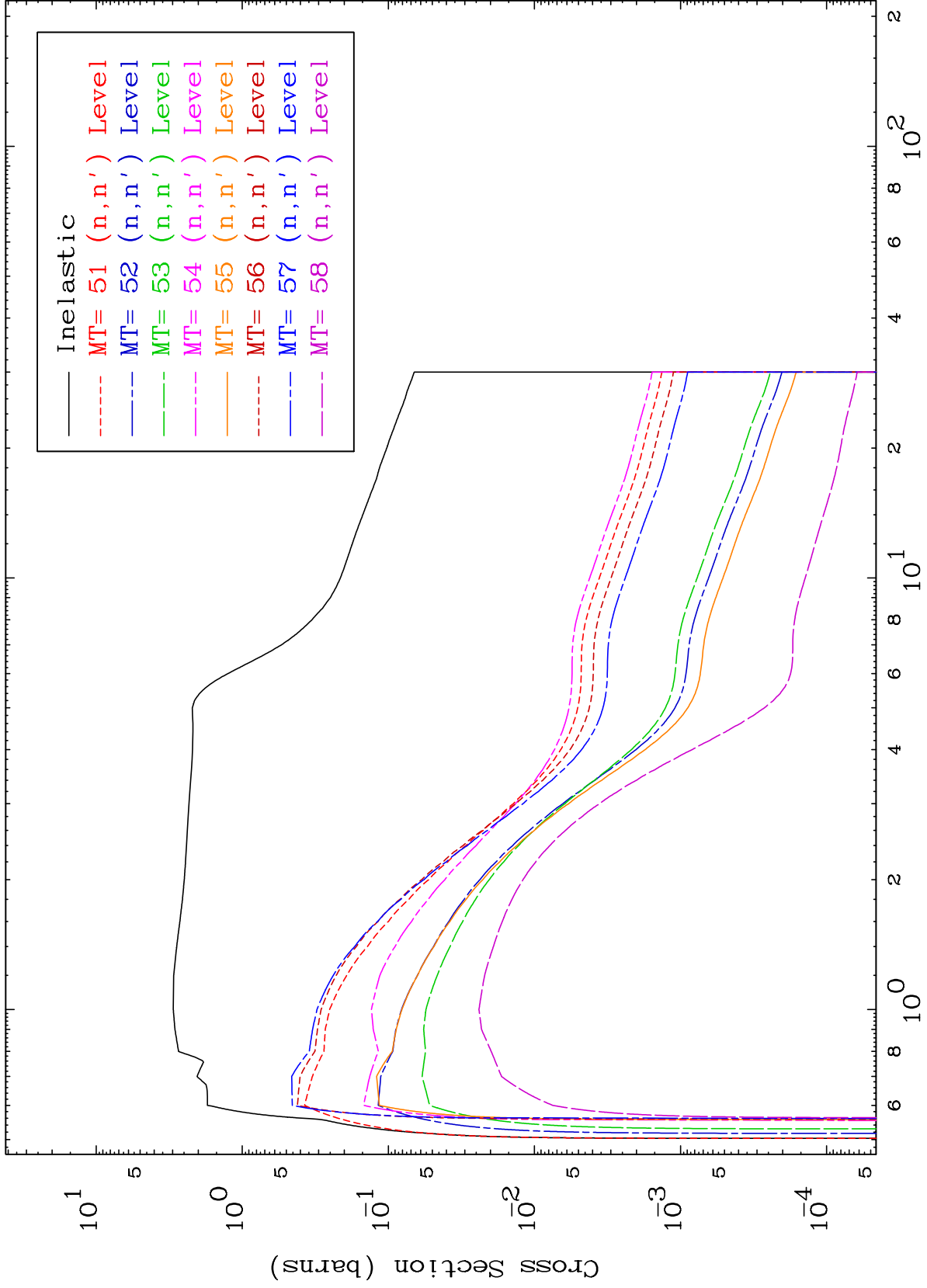


MAT 6464

(n,n') Levels

64-Gd-165

293 Kelvin Cross Sections



8

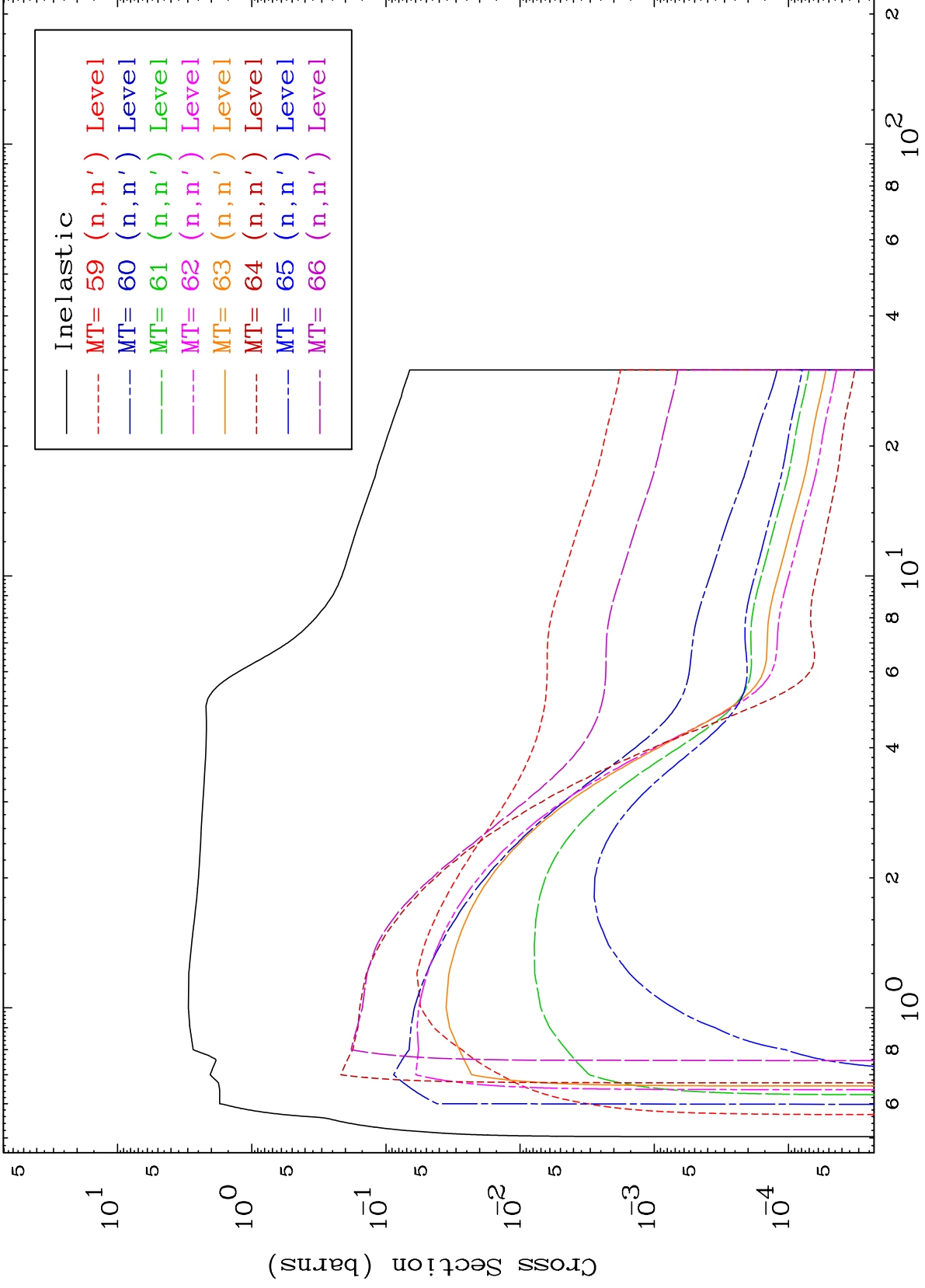
Incident Energy (MeV)

64-Gd-165

MAT 6464

(n,n') Levels  
293 Kelvin Cross Sections

64-Gd-165



9

Incident Energy (MeV)

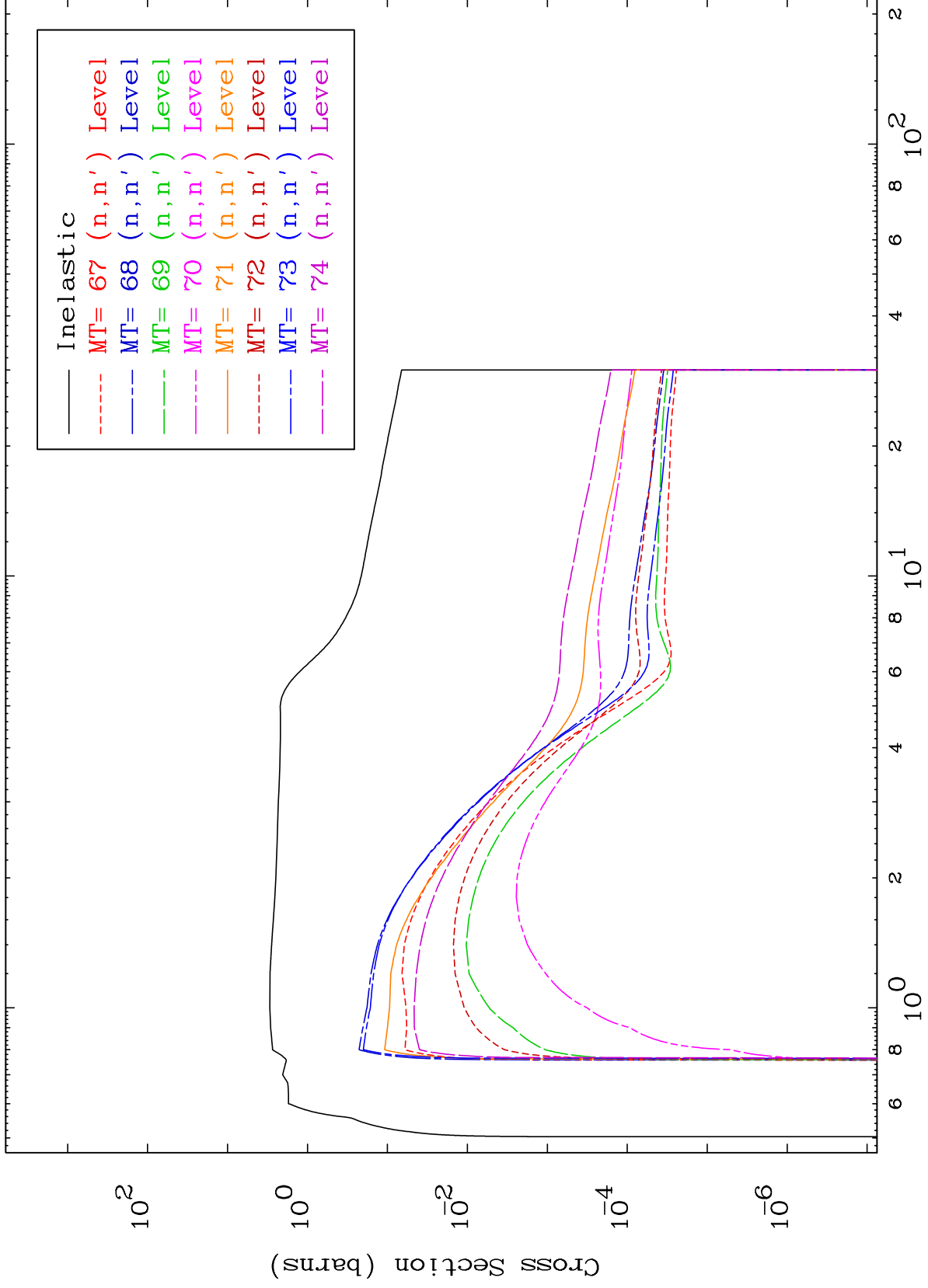
64-Gd-165

MAT 6464

(n,n') Levels

64-Gd-165

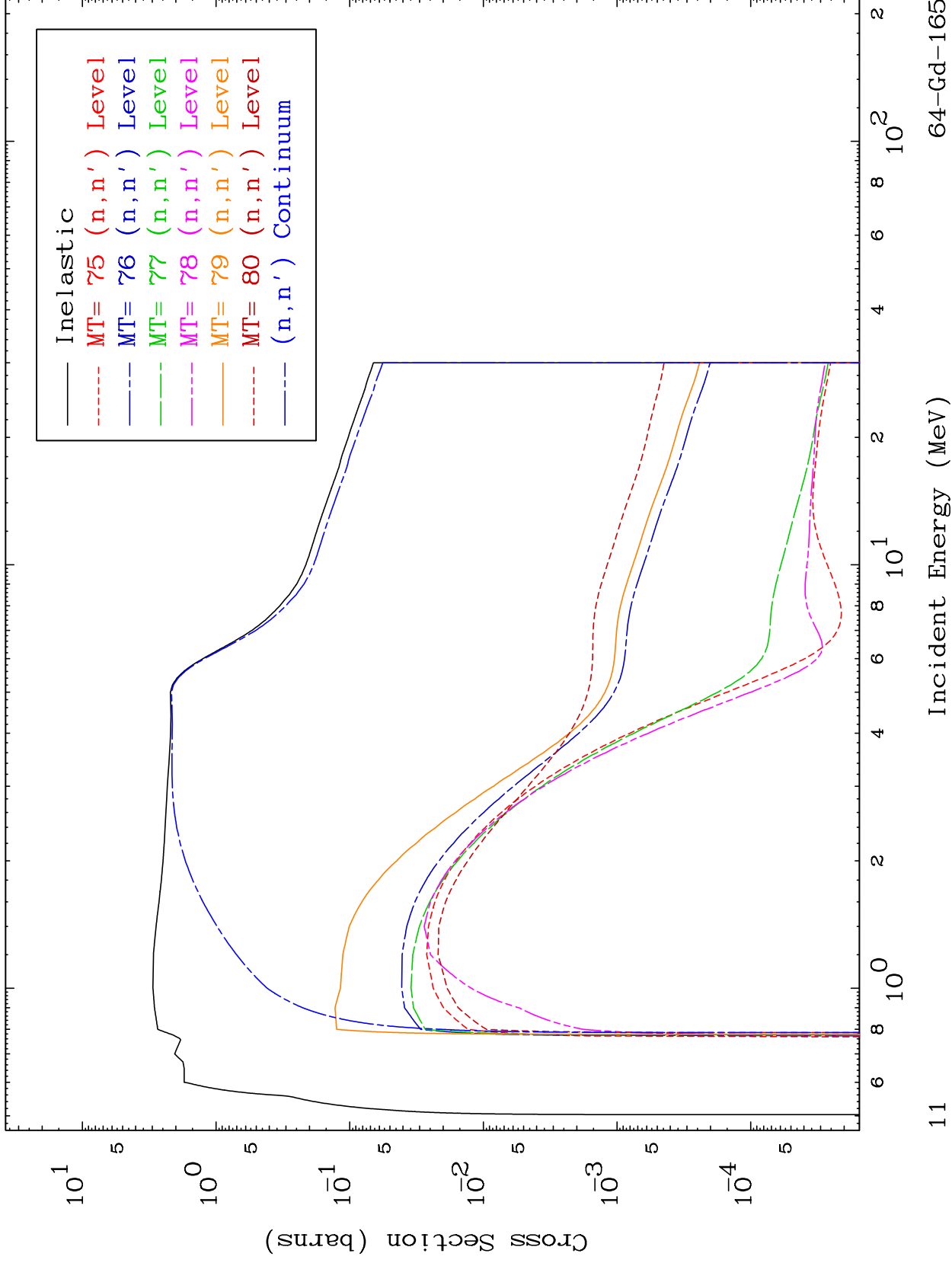
293 Kelvin Cross Sections



10

Incident Energy (MeV)

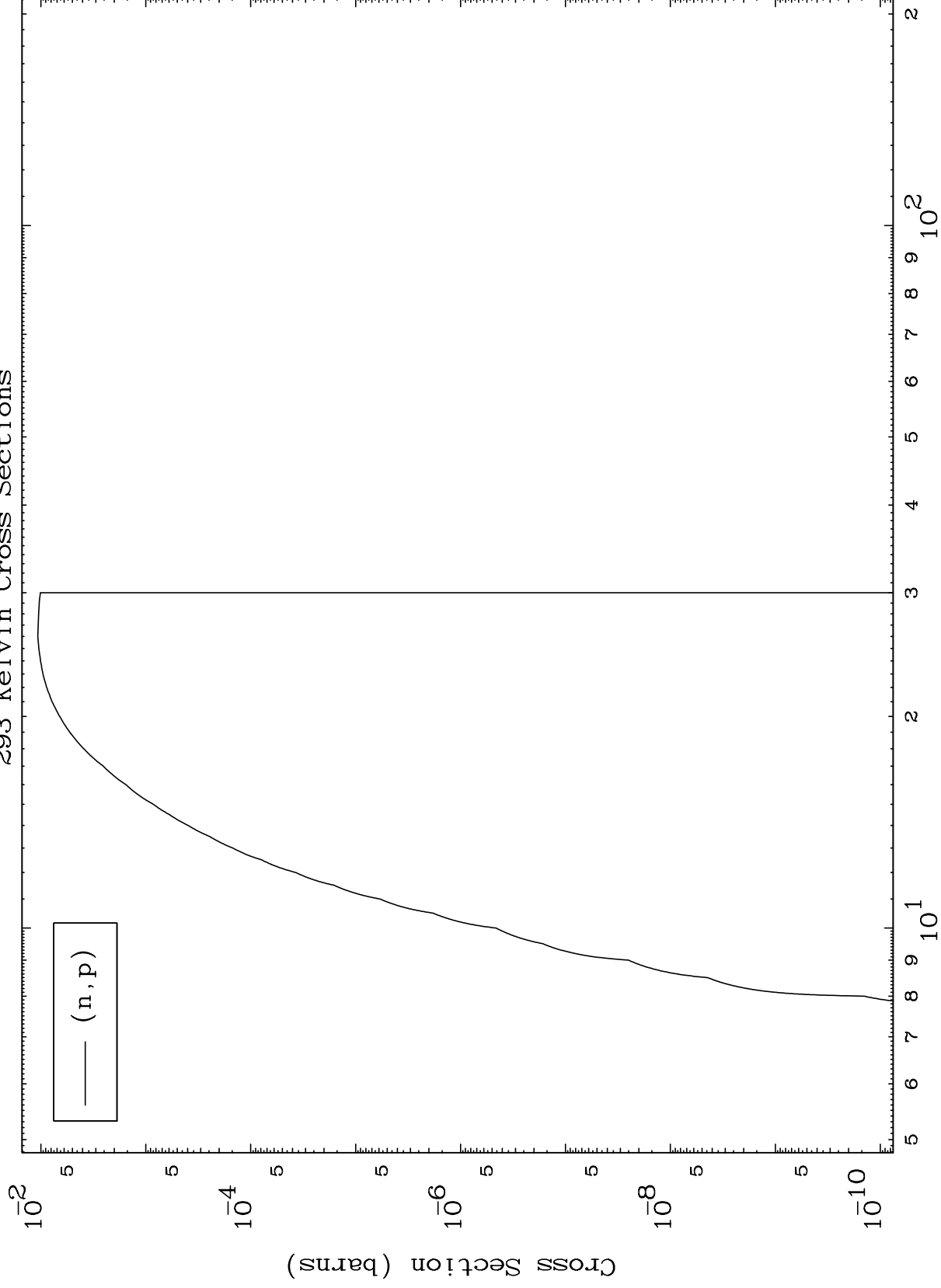
64-Gd-165



MAT 6464

(n,p) Levels  
293 Kelvin Cross Sections

64-Gd-165



12

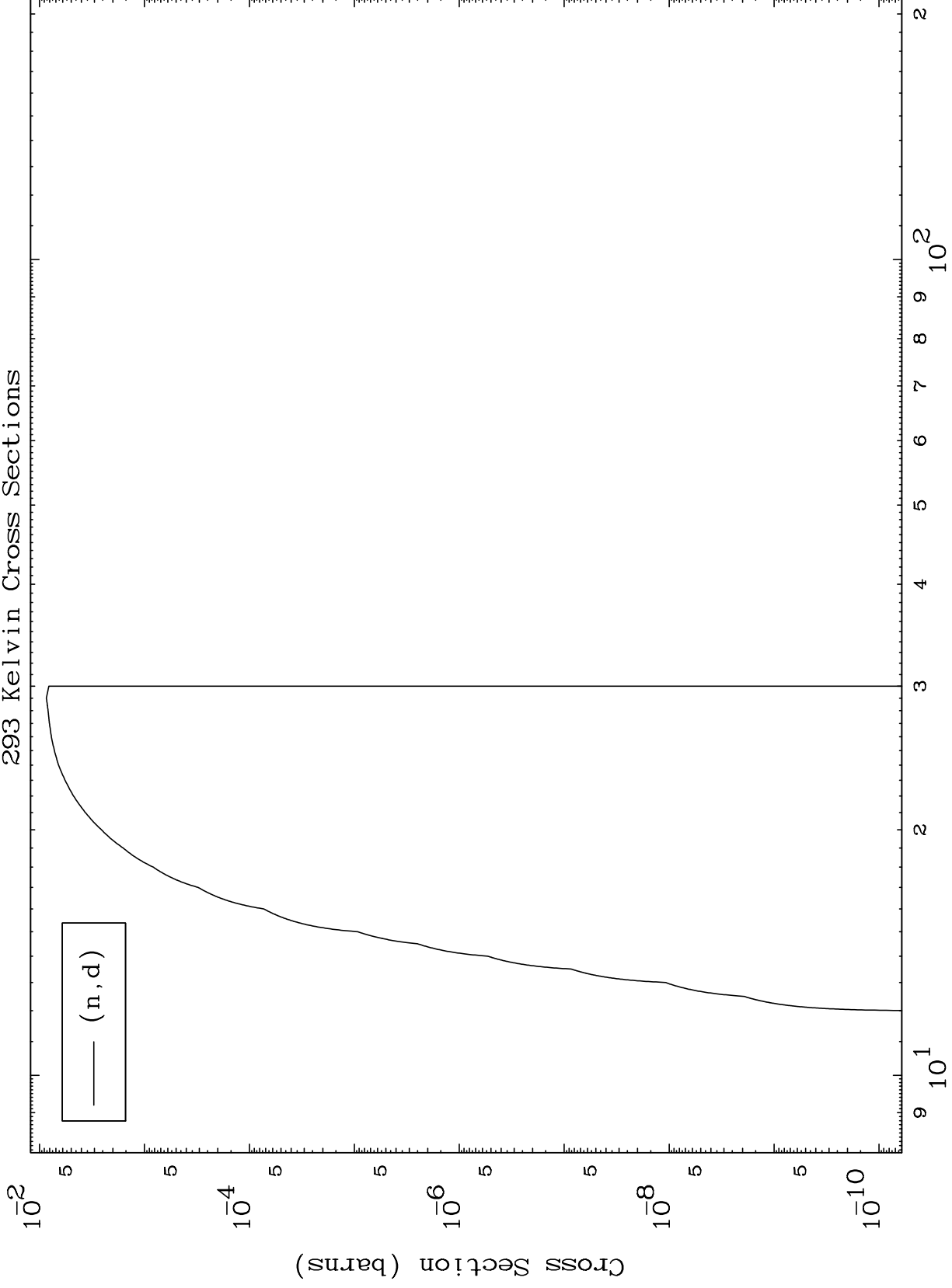
Incident Energy (MeV)

64-Gd-165

MAT 6464

(n,d) Levels  
293 Kelvin Cross Sections

64-Gd-165



13

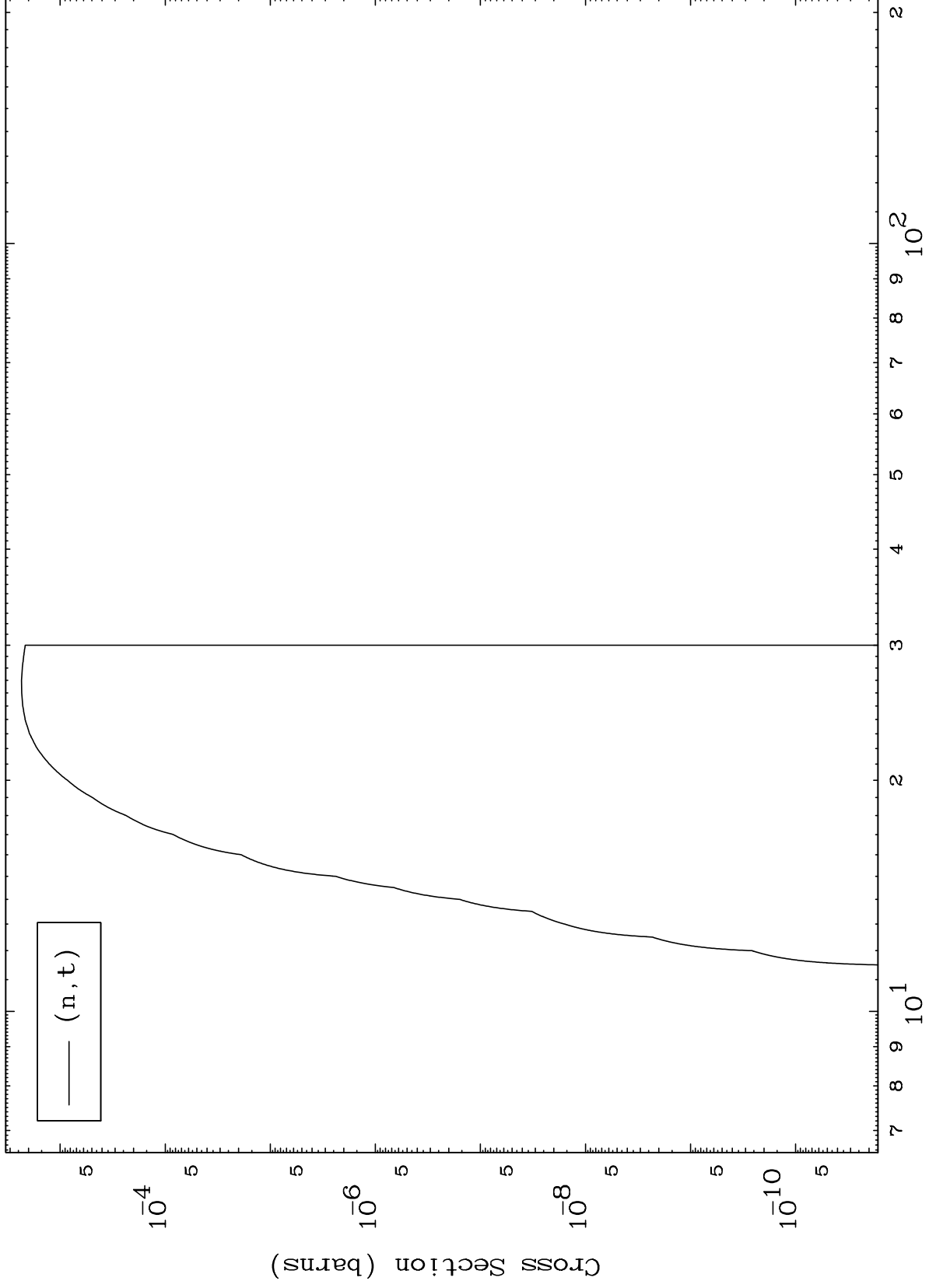
Incident Energy (MeV)

64-Gd-165

MAT 6464

(n,t) Levels  
293 Kelvin Cross Sections

64-Gd-165



14

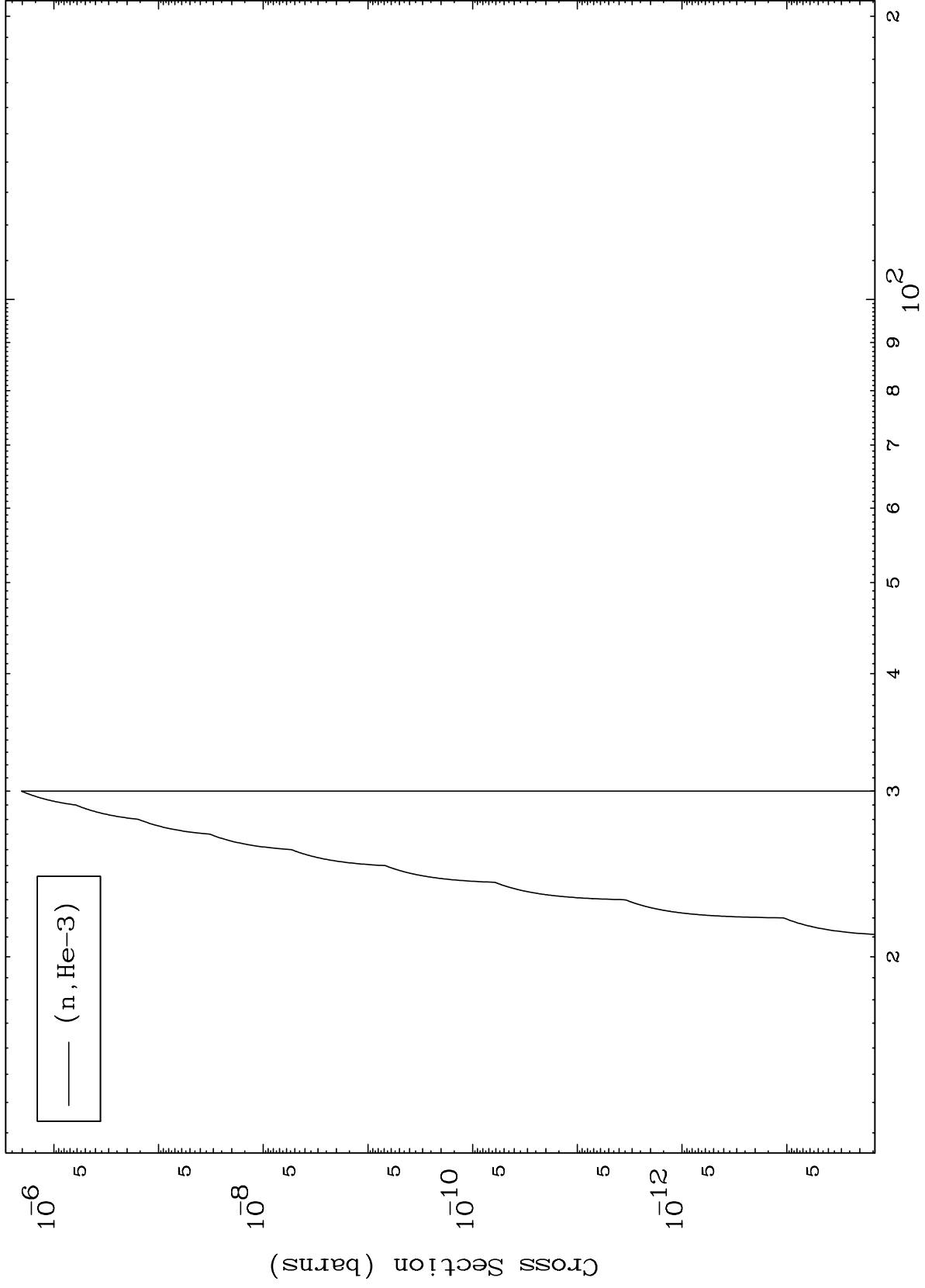
Incident Energy (MeV)

64-Gd-165

MAT 6464

(n,He3) Levels  
293 Kelvin Cross Sections

64-Gd-165



15

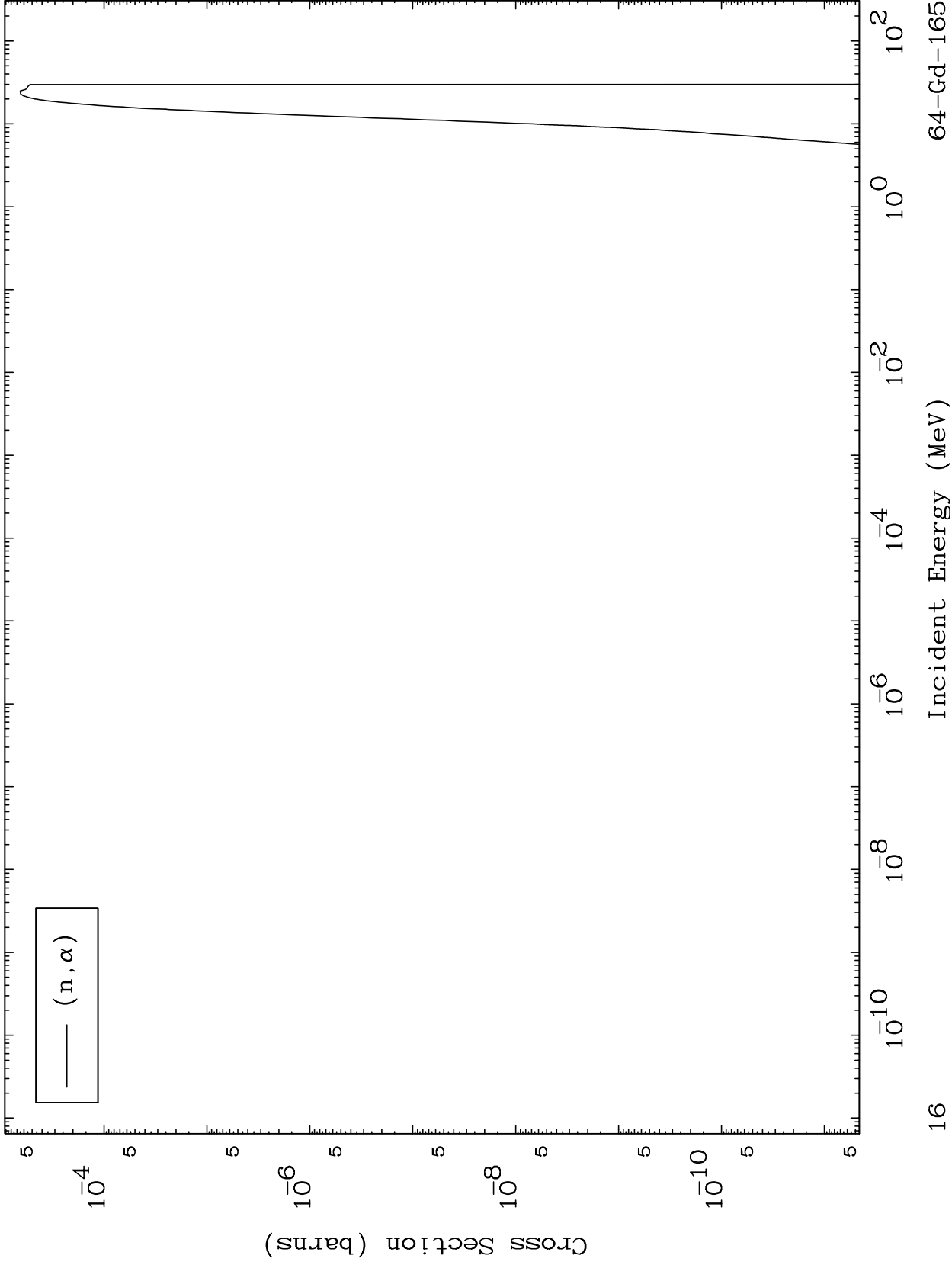
Incident Energy (MeV)

64-Gd-165

MAT 6464

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

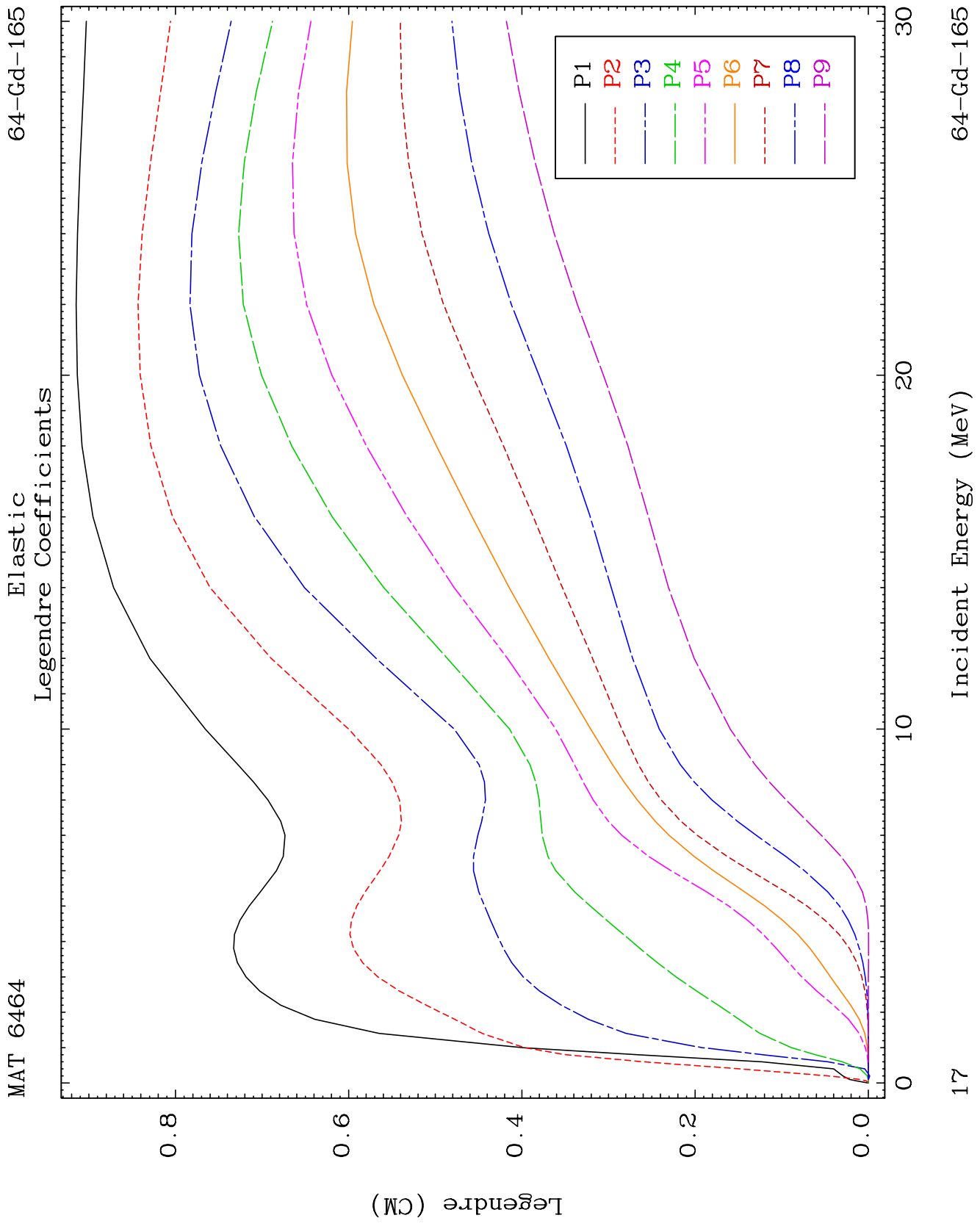
64-Gd-165



16

Incident Energy (MeV)

64-Gd-165

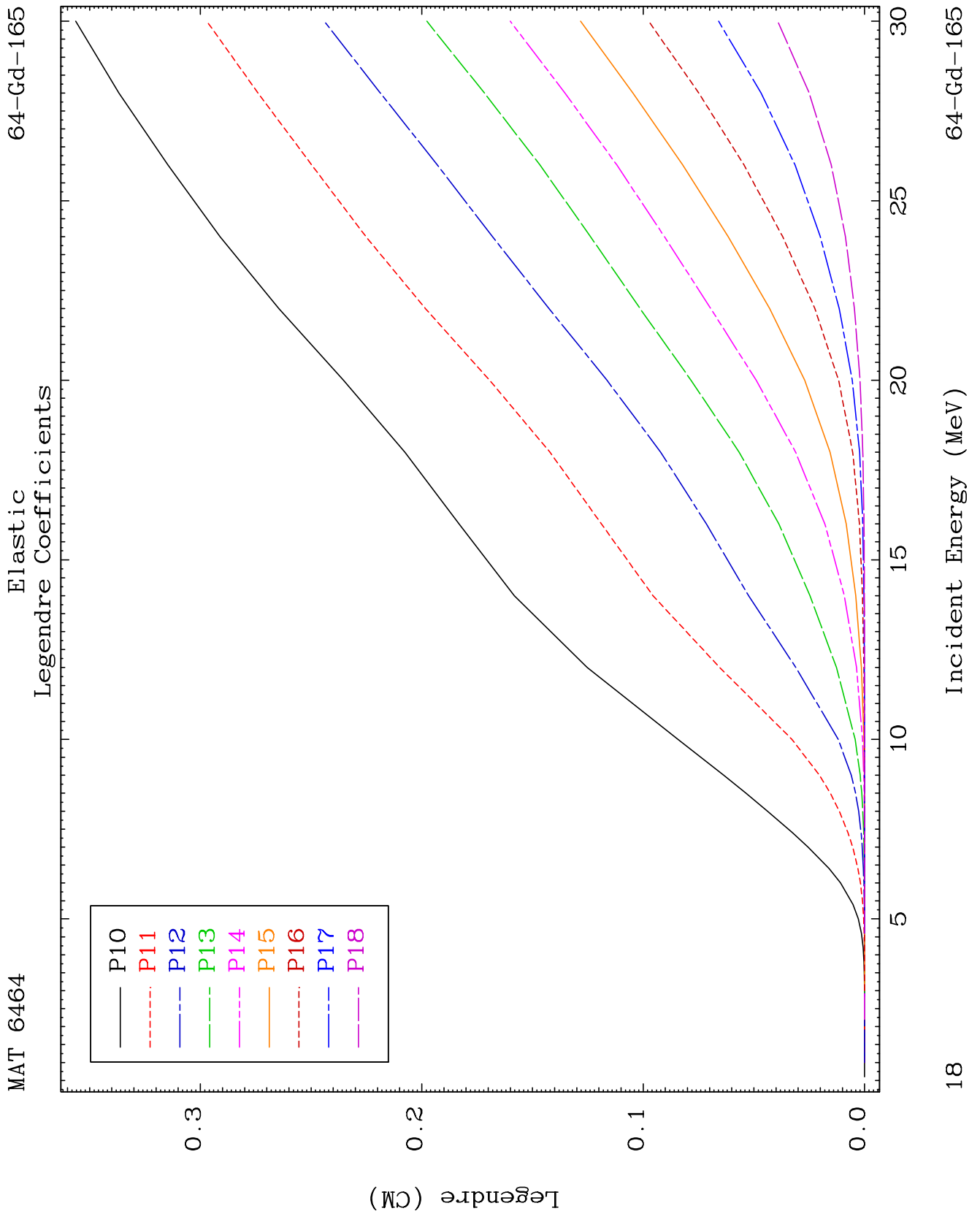


MAT 6464

64-Gd-165

17

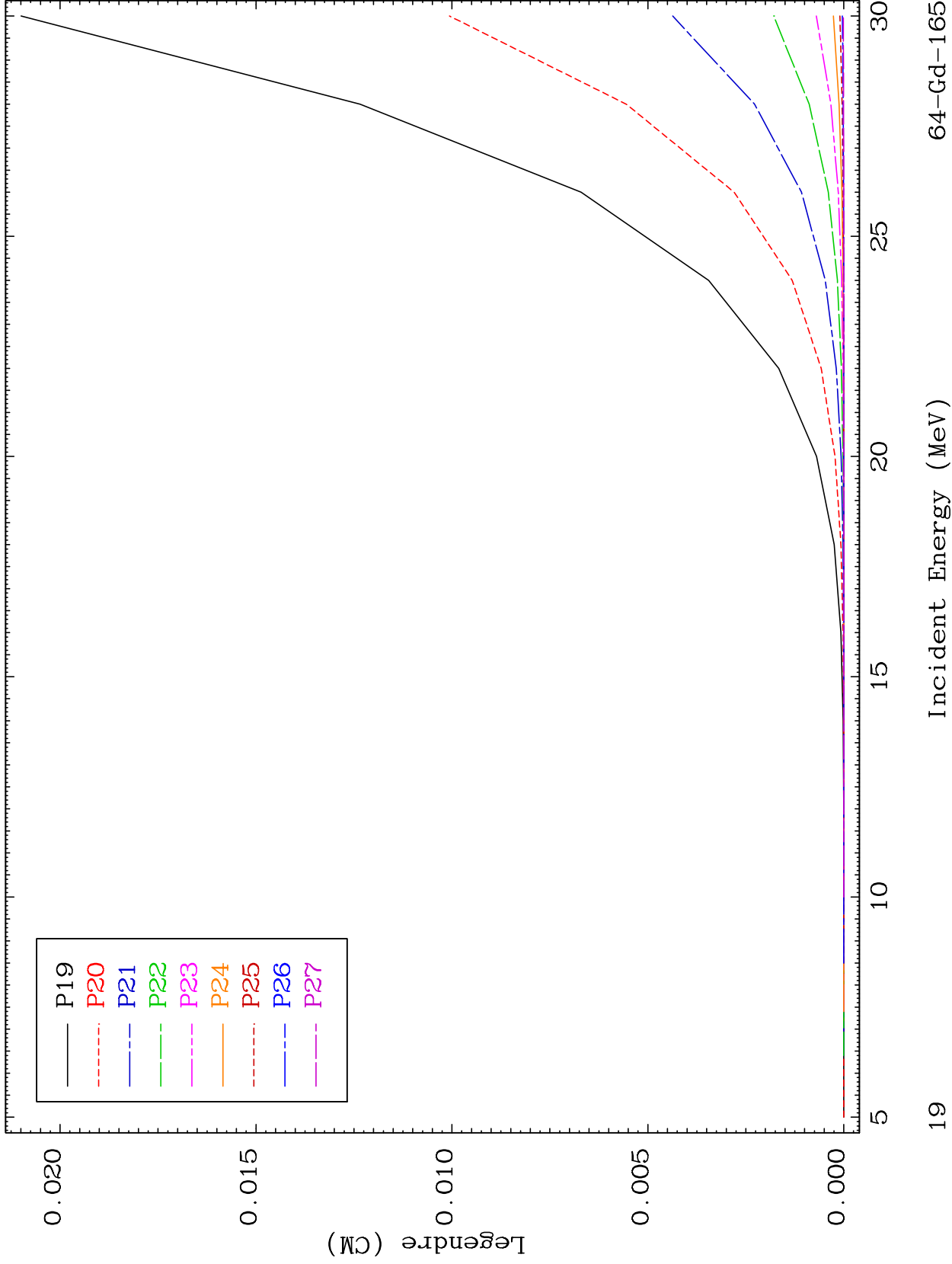
64-Gd-165



MAT 6464

### Elastic Legendre Coefficients

64-Gd-165



19

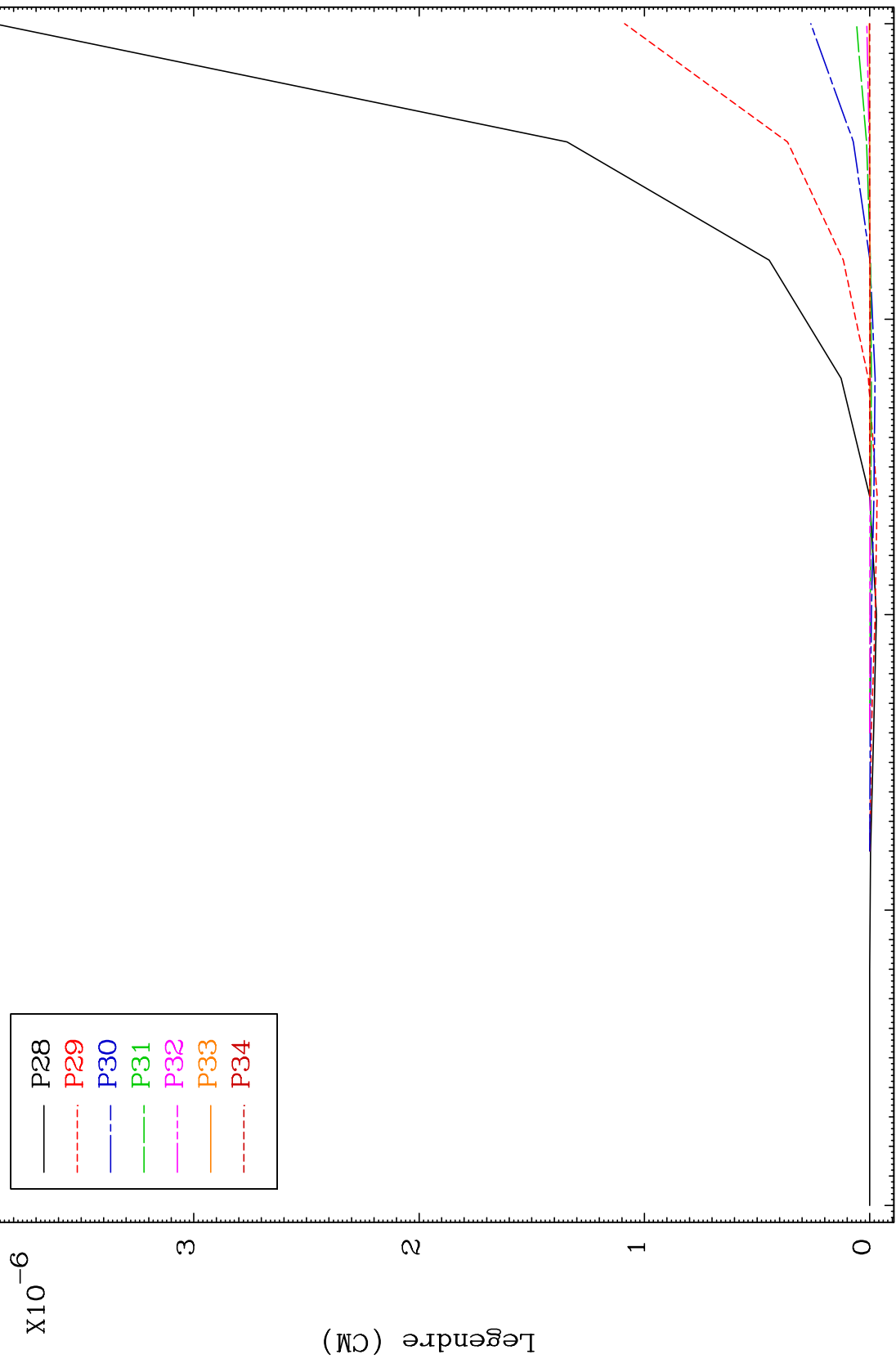
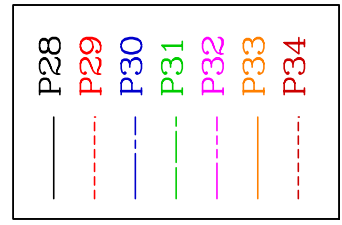
Incident Energy (MeV)

64-Gd-165

MAT 6464

Elastic  
Legendre Coefficients

64-Gd-165



64-Gd-165

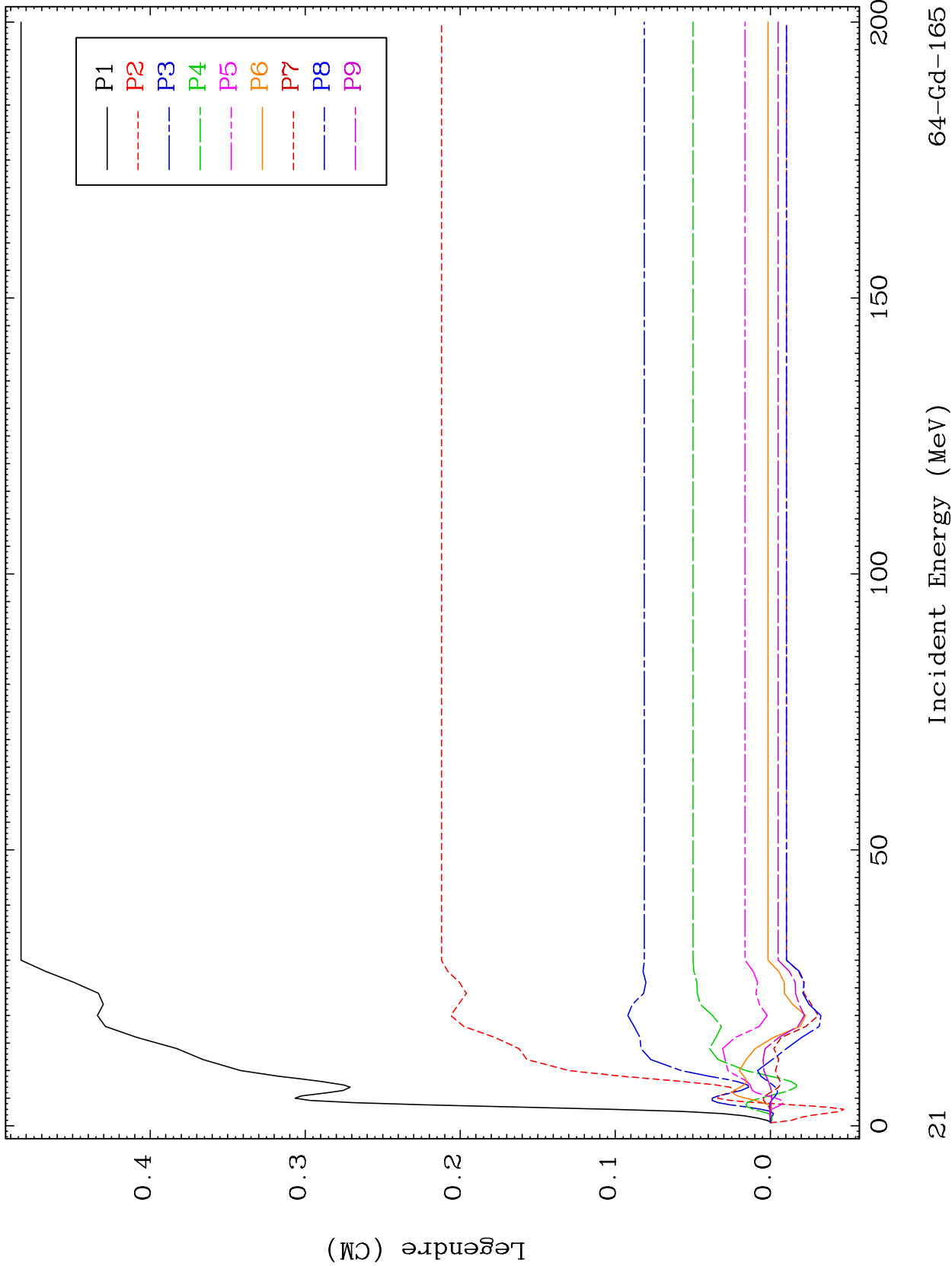
Incident Energy (MeV)

20

MAT 6464

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

64-Gd-165



21

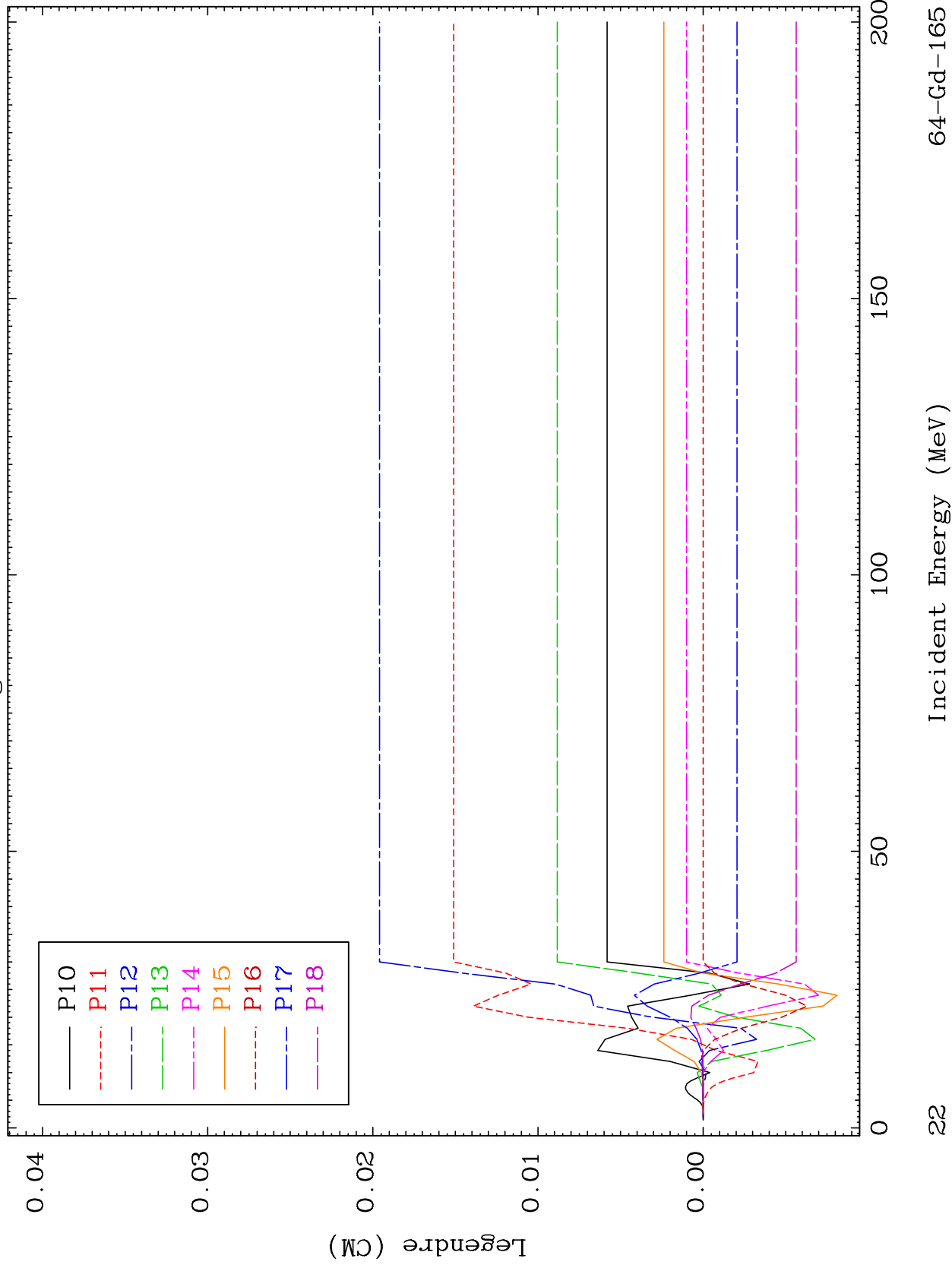
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



22

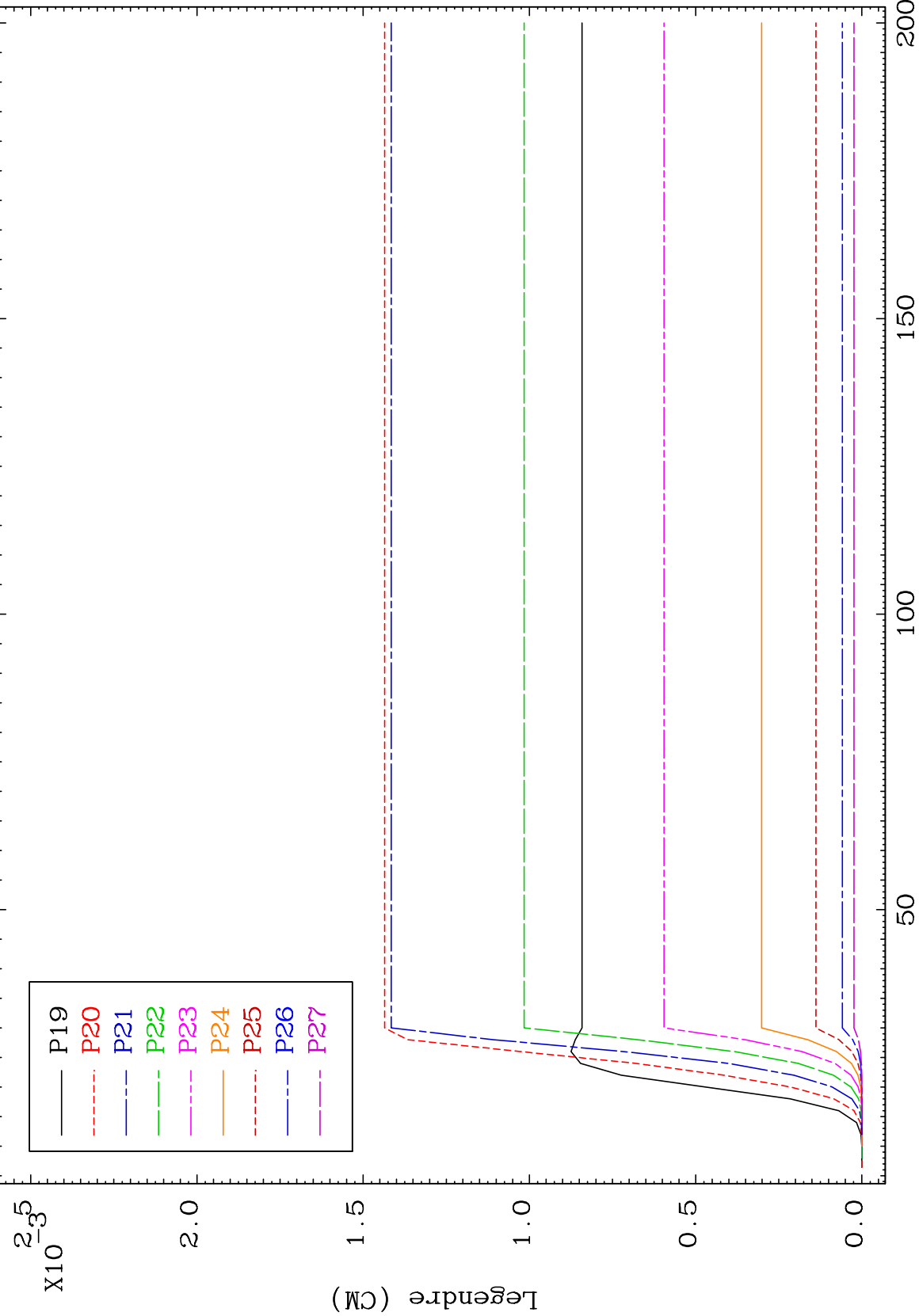
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

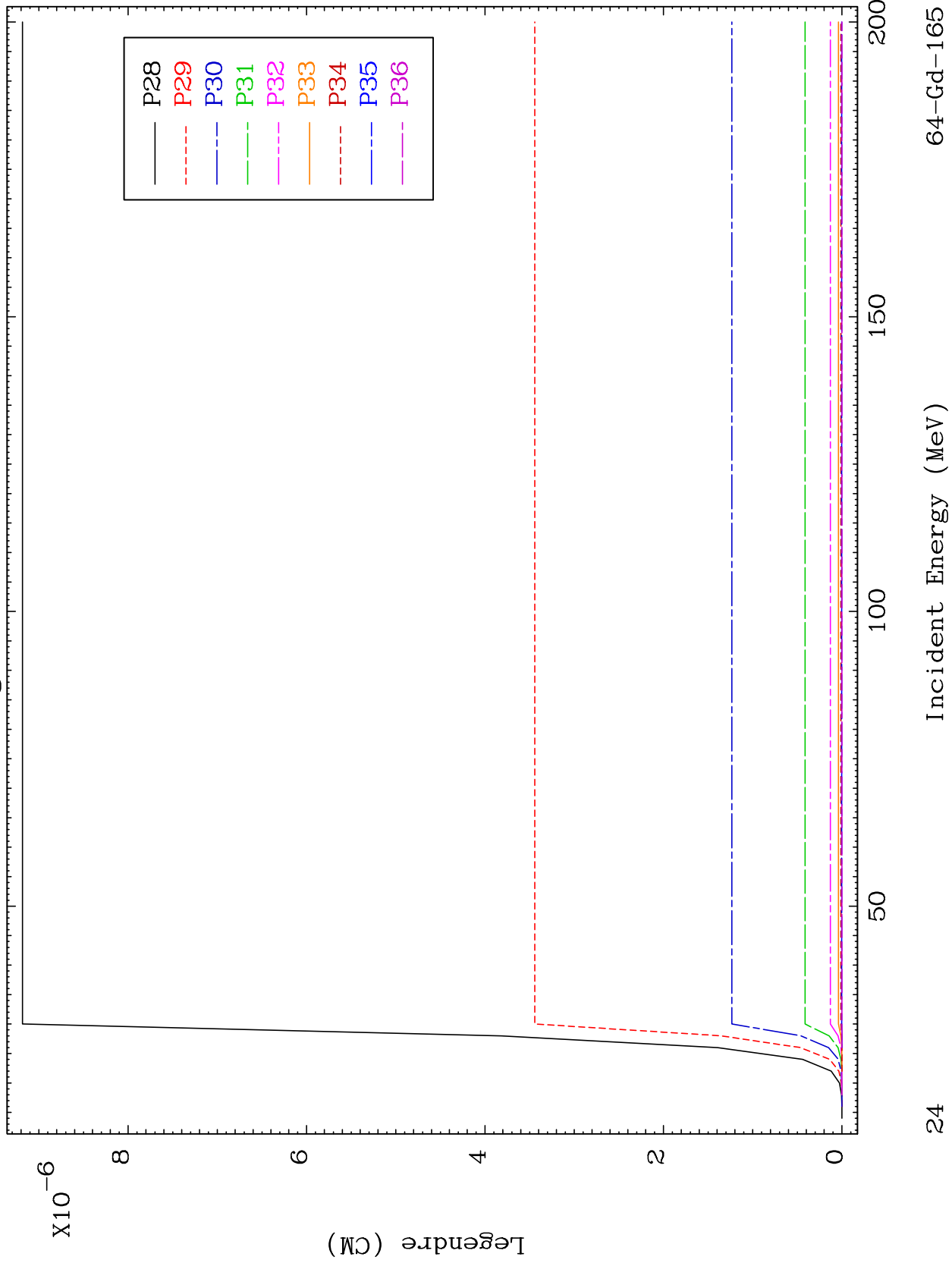
64-Gd-165



MAT 6464

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

64-Gd-165



24

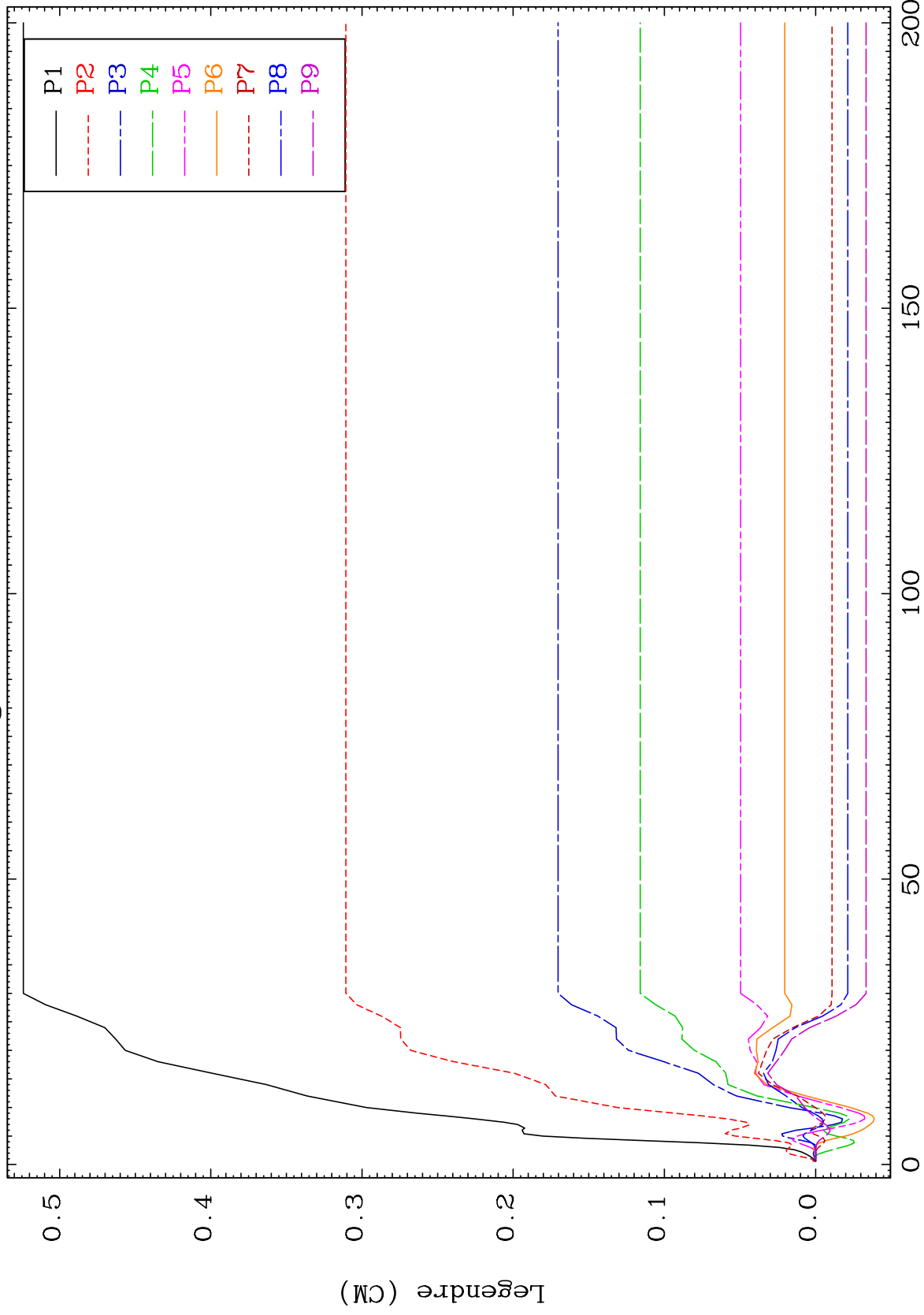
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



64-Gd-165

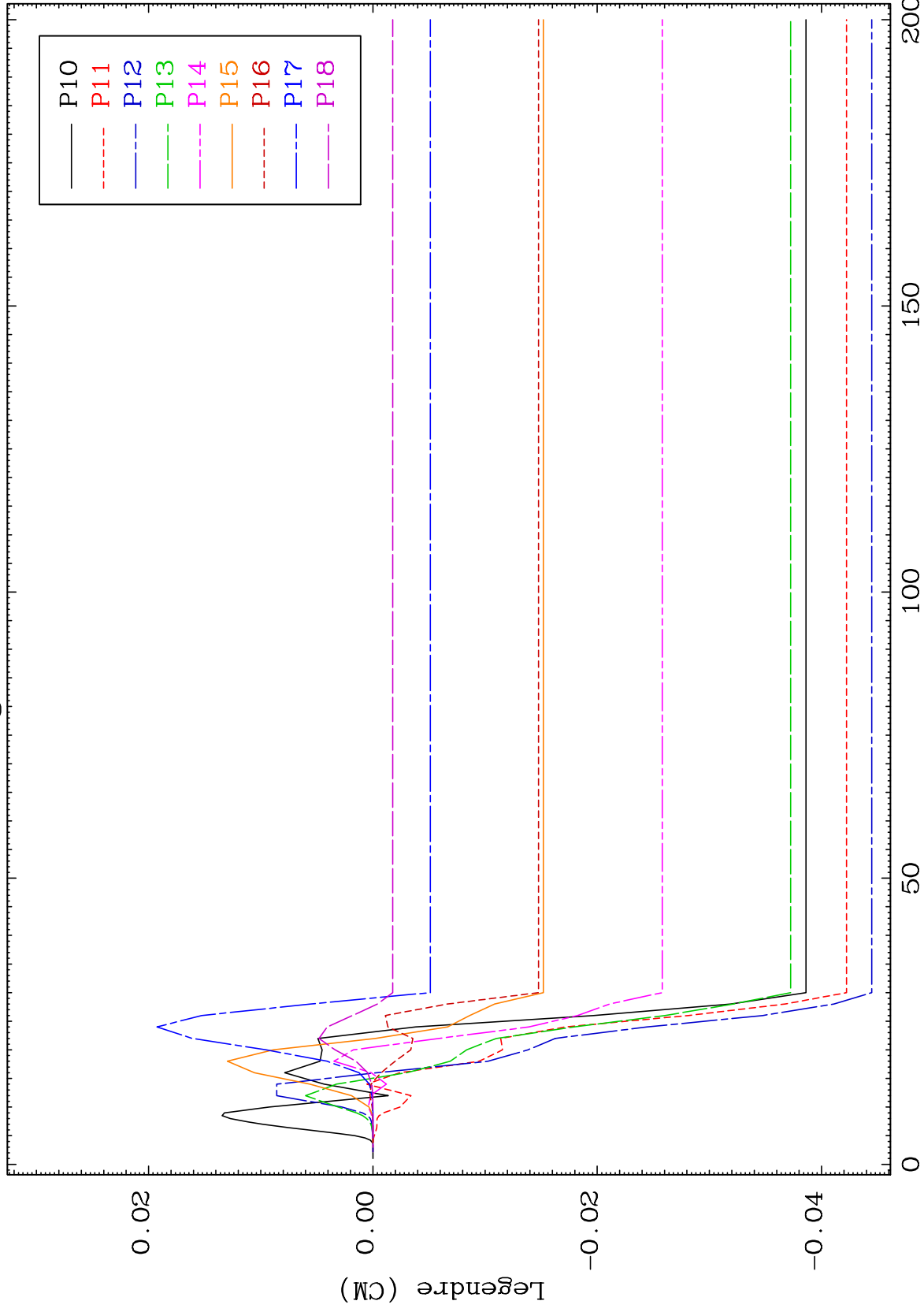
Incident Energy (MeV)

25

MAT 6464

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

64-Gd-165



26

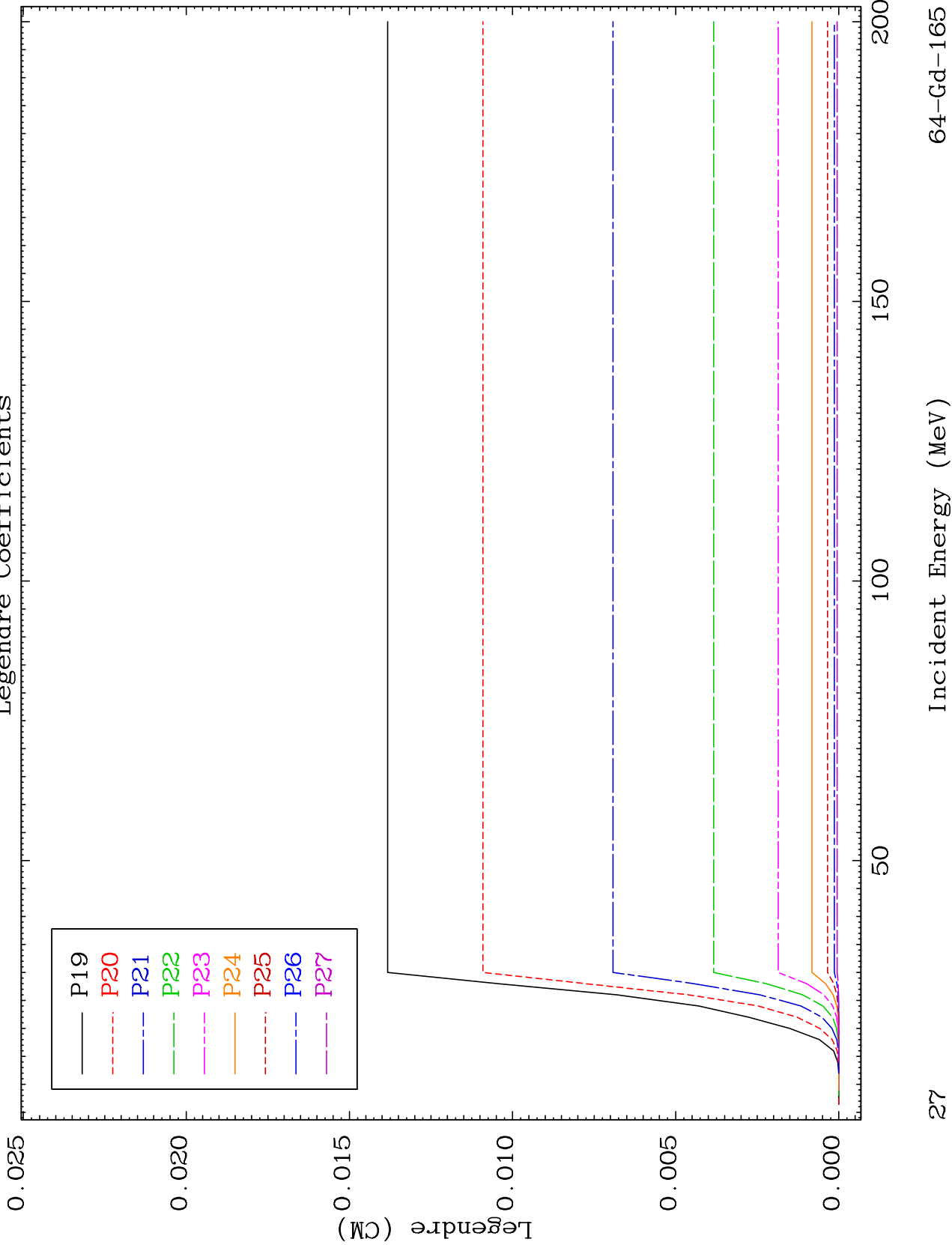
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

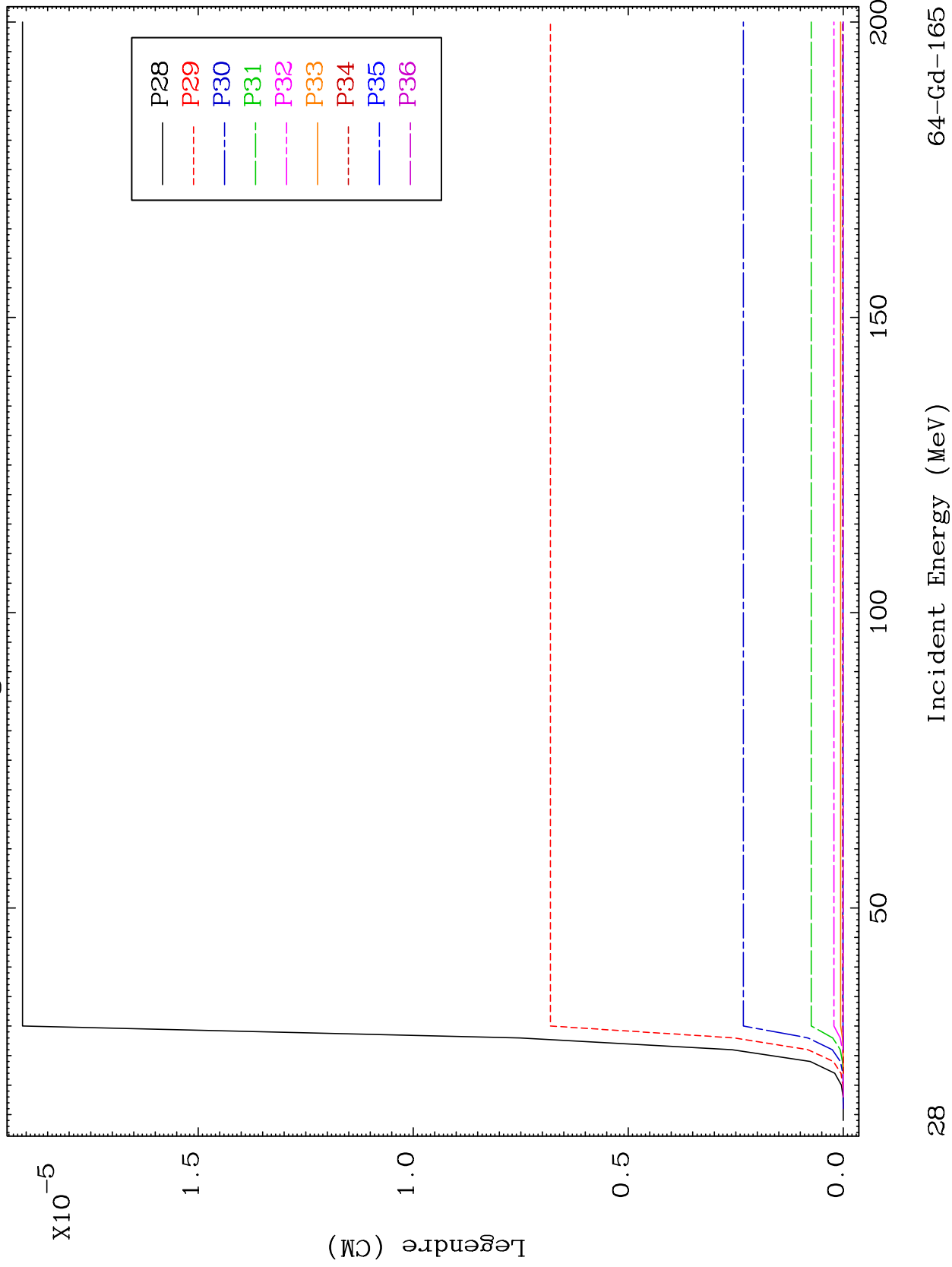
64-Gd-165



MAT 6464

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

64-Gd-165



28

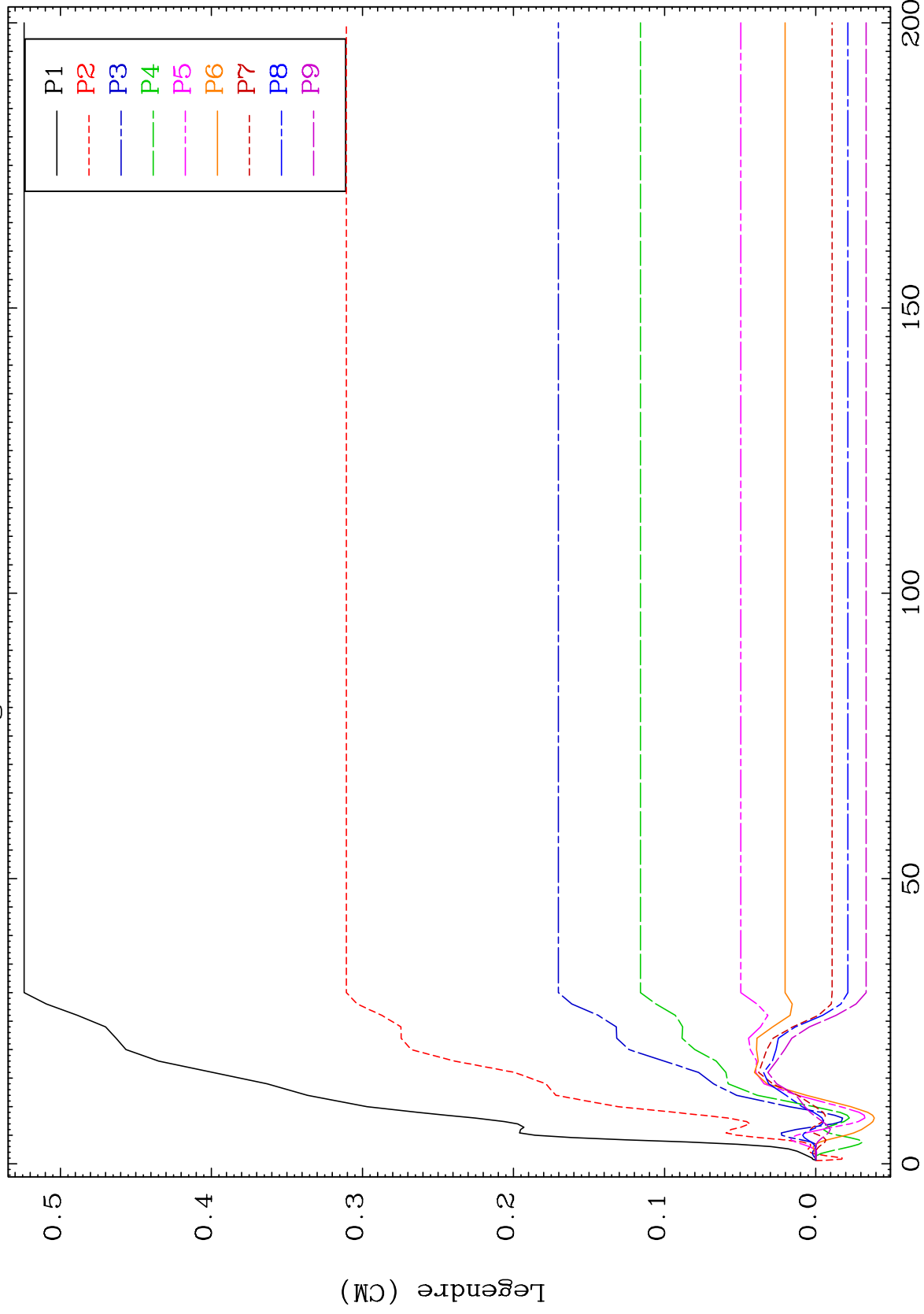
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



29

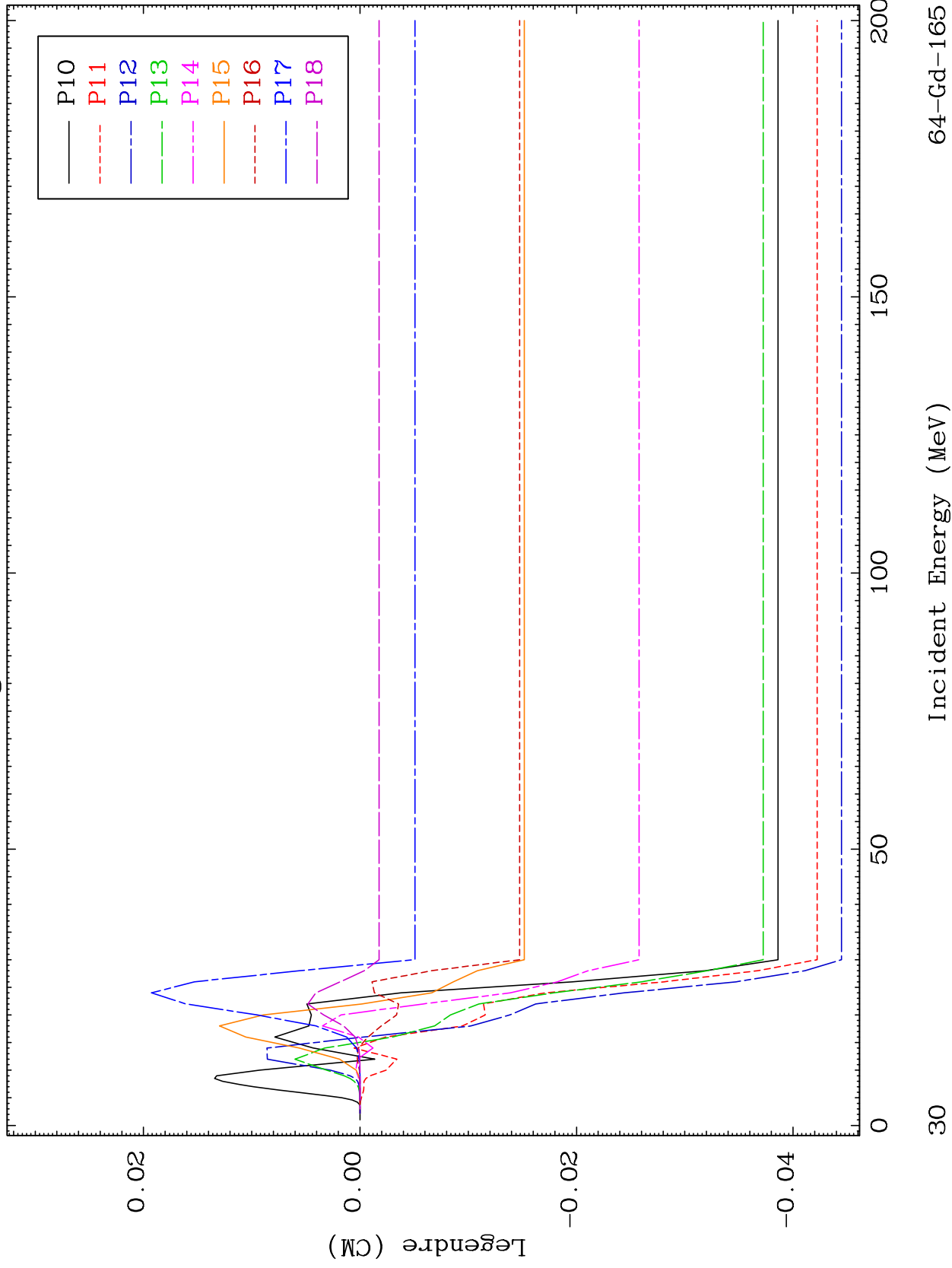
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



64-Gd-165

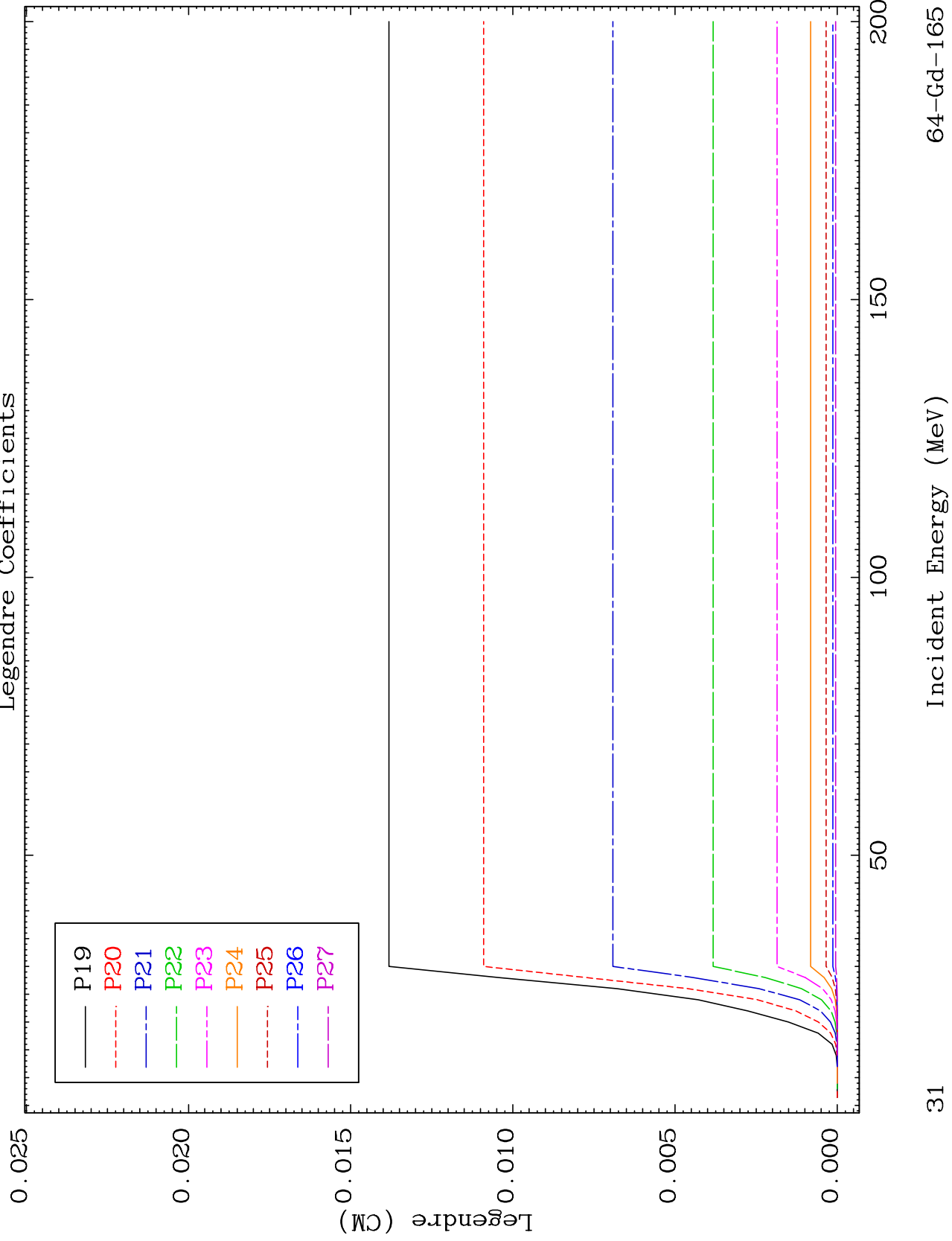
Incident Energy (MeV)

30

MAT 6464

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

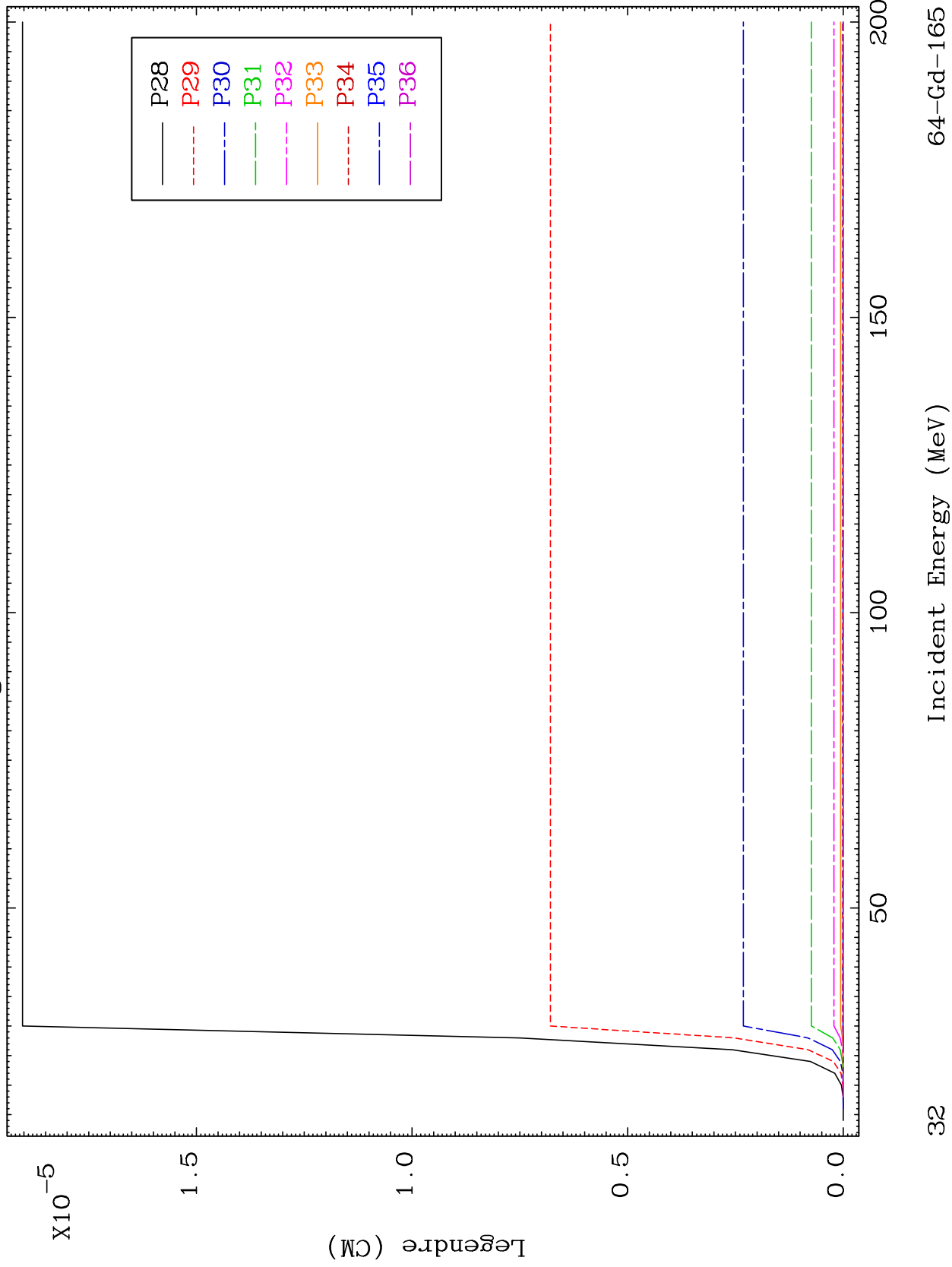
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MAT 6464

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Legendre Coefficients

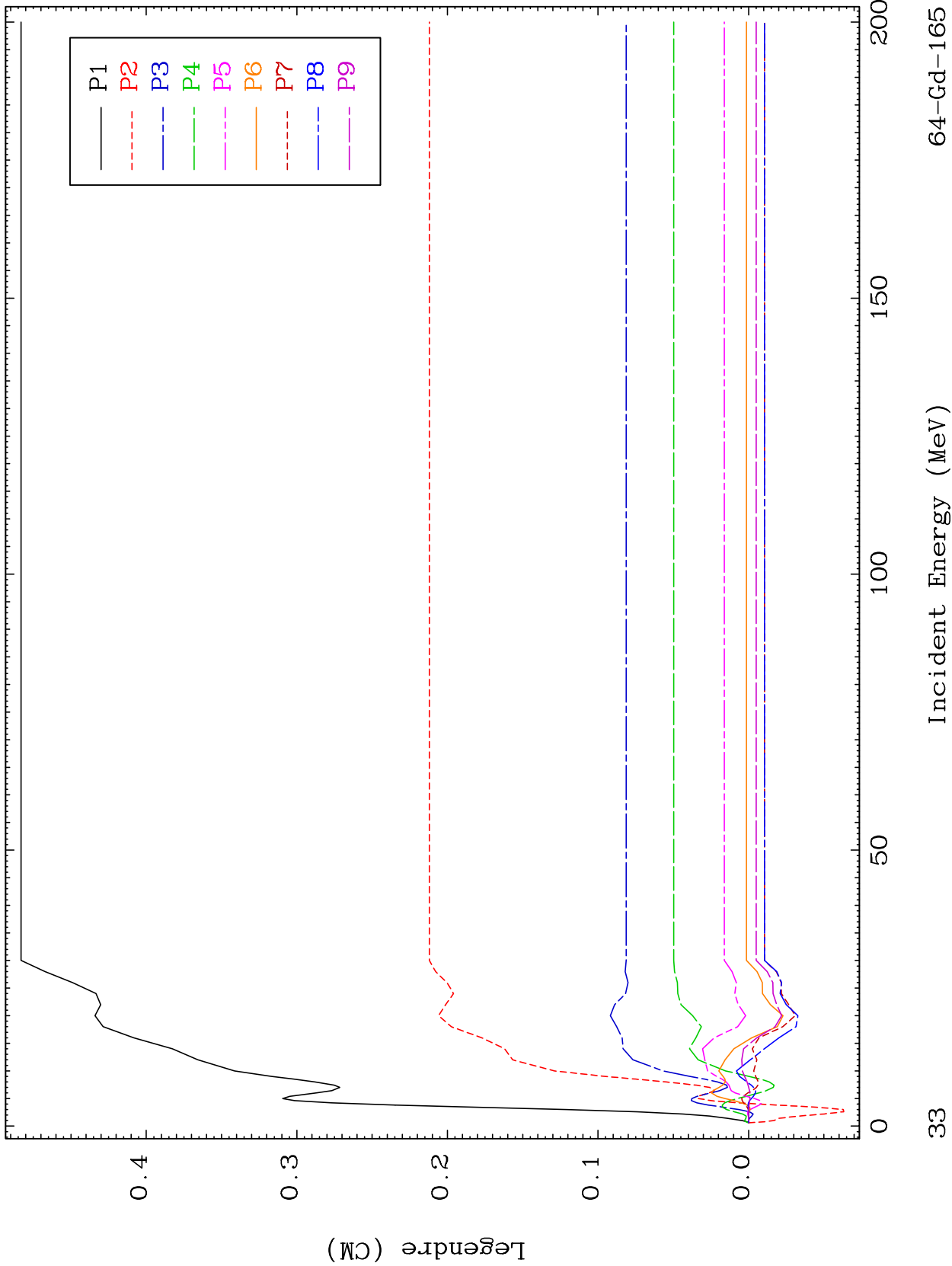
64-Gd-165



MAT 6464

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

64-Gd-165



33

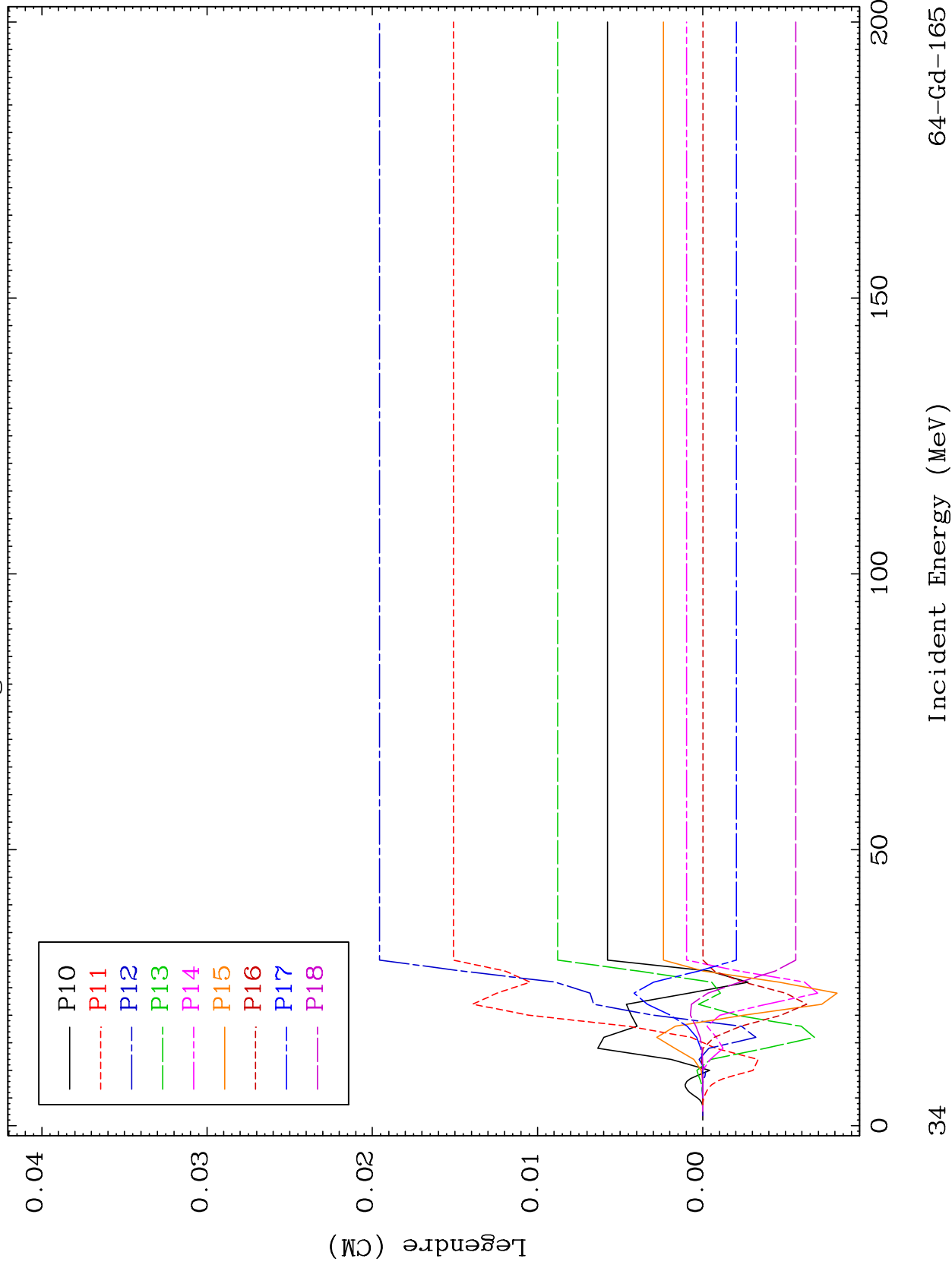
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



34

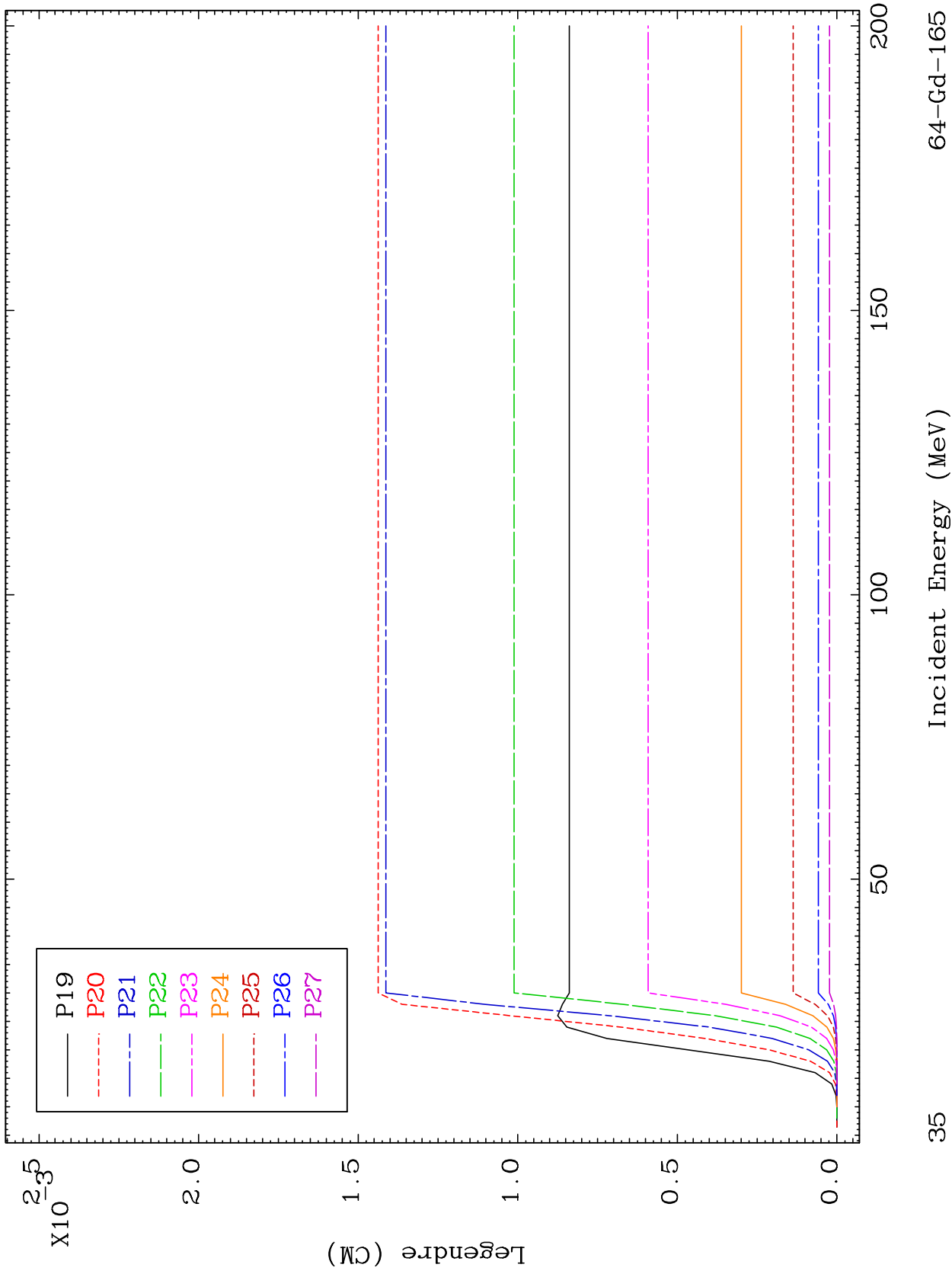
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



35

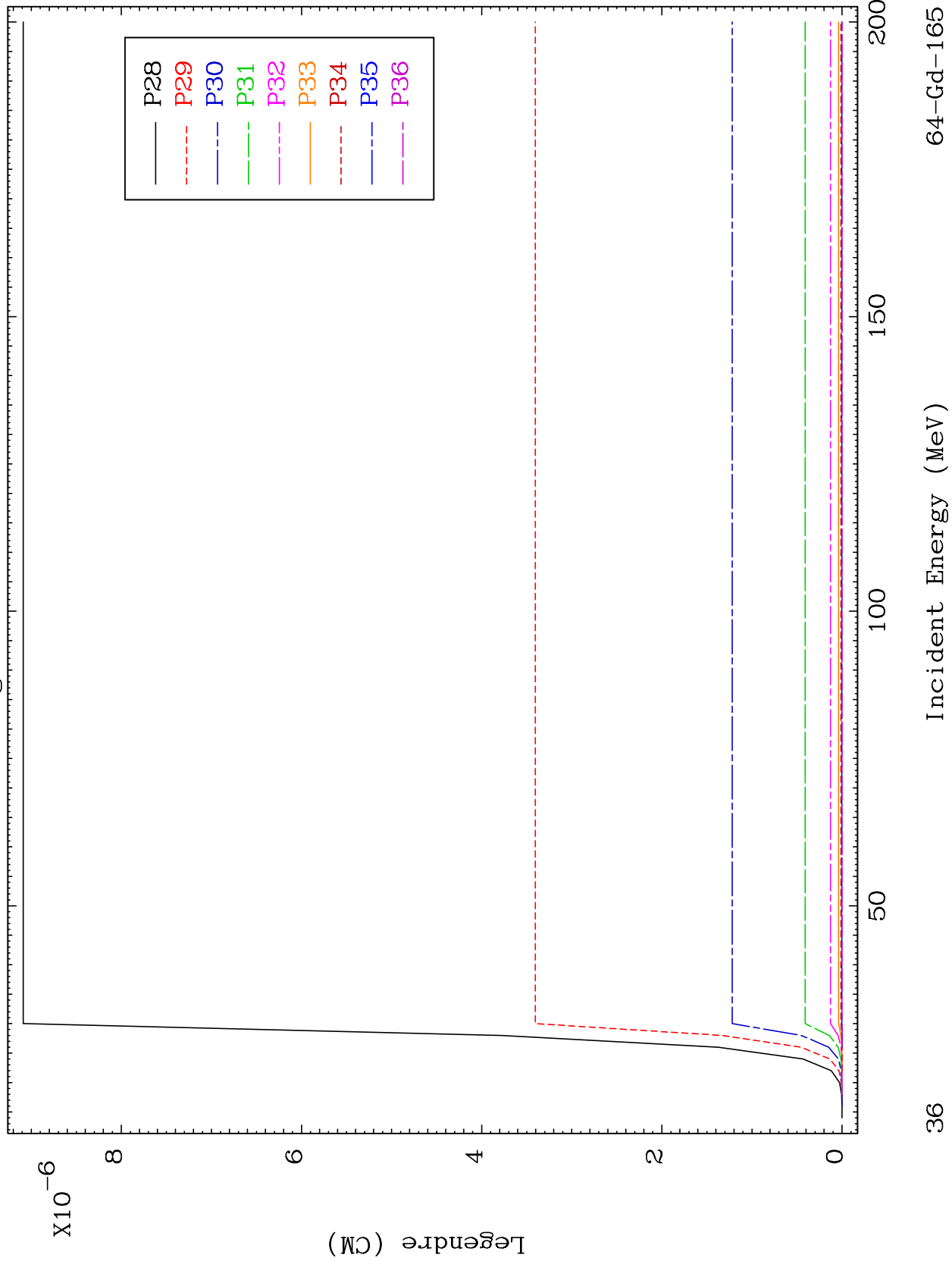
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



36

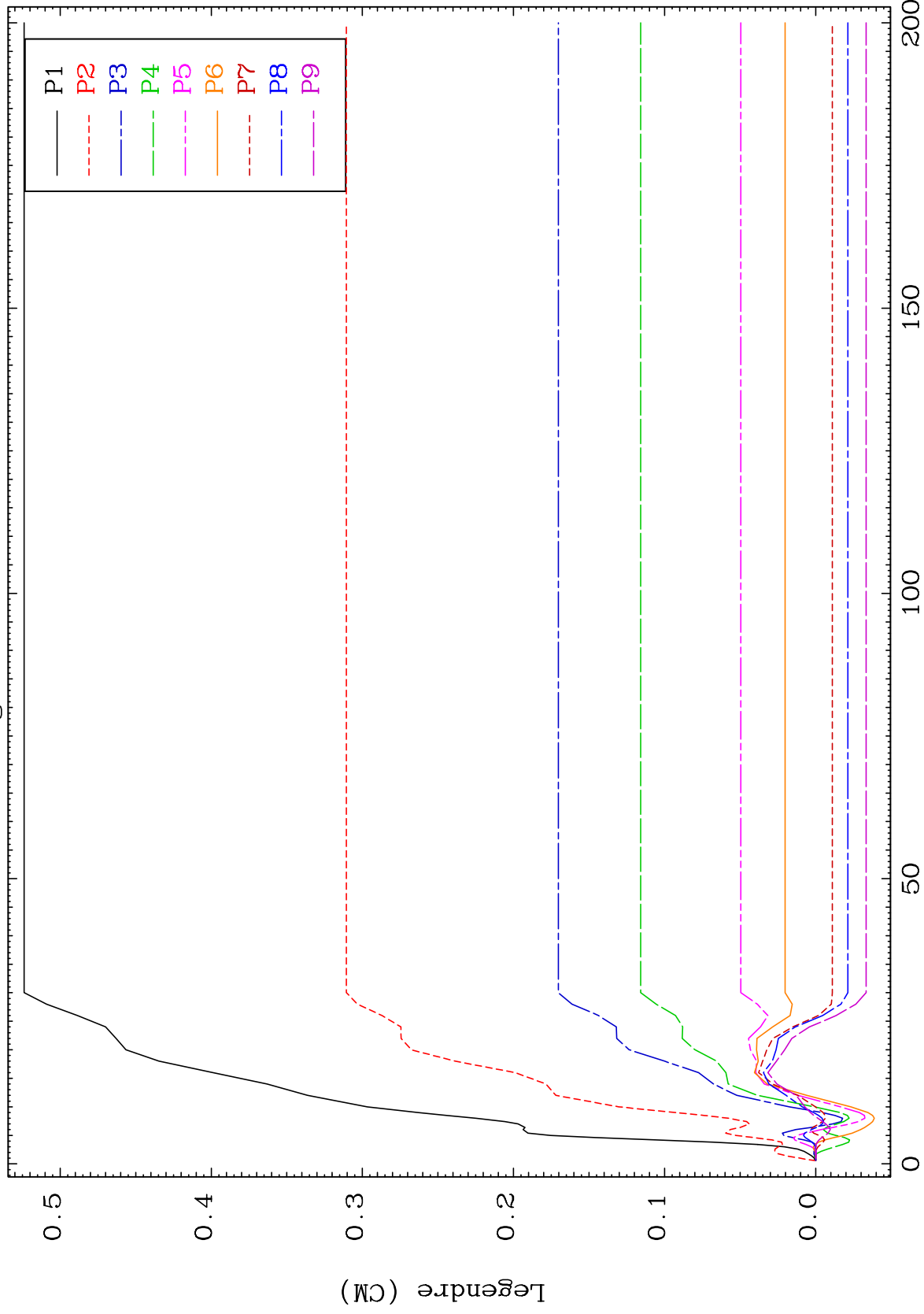
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



37

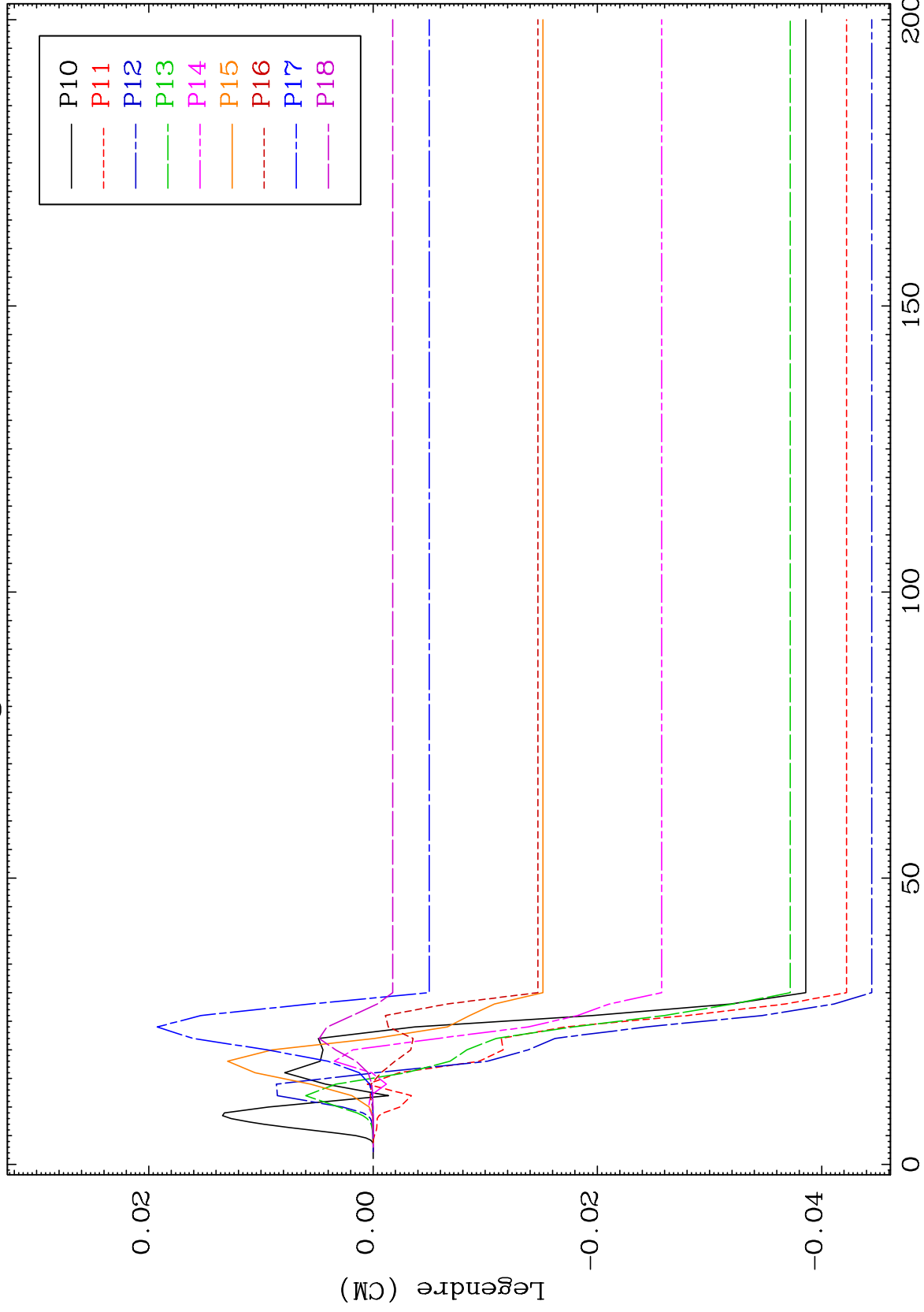
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



38

Incident Energy (MeV)

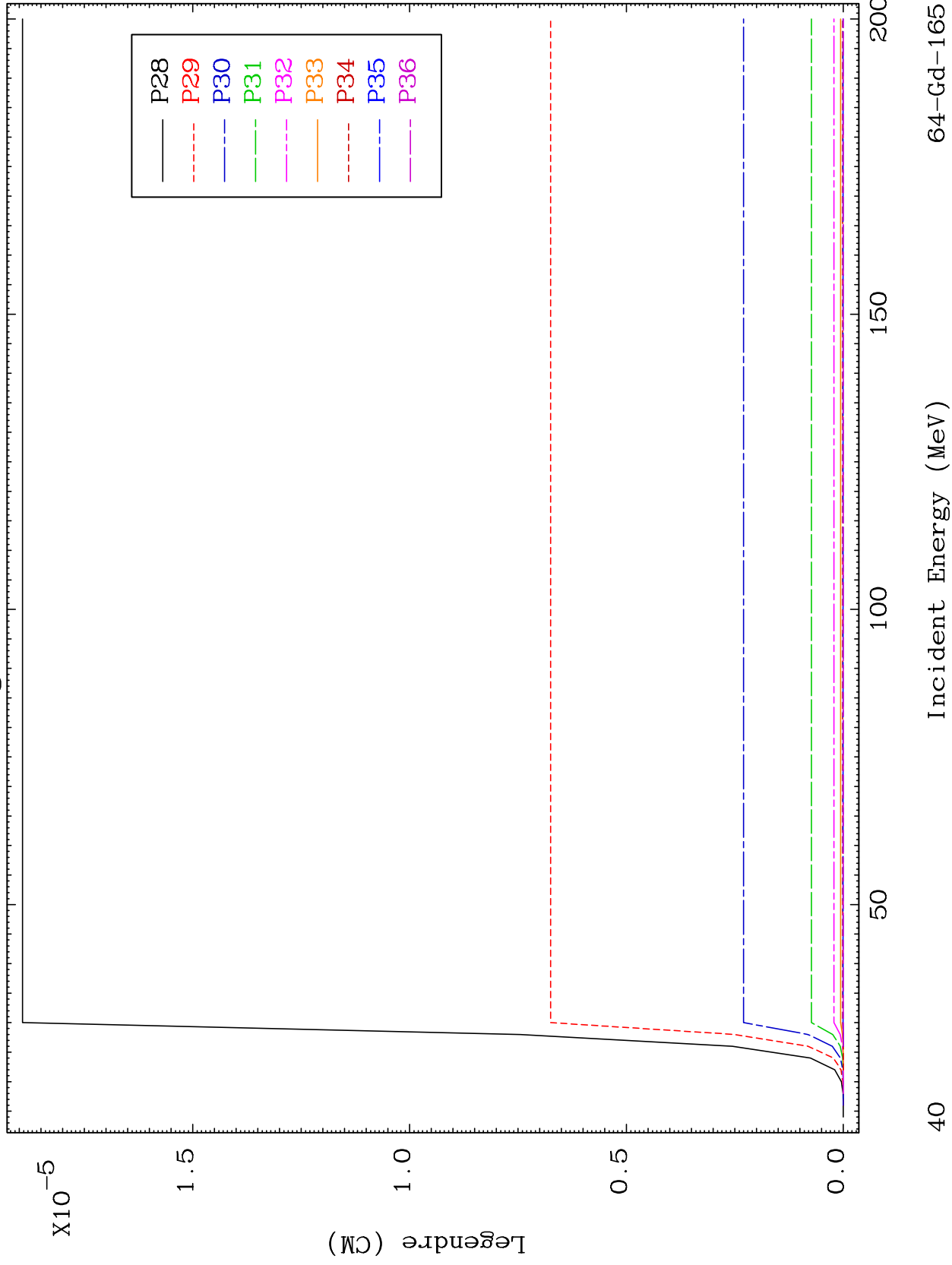
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MAT 6464

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

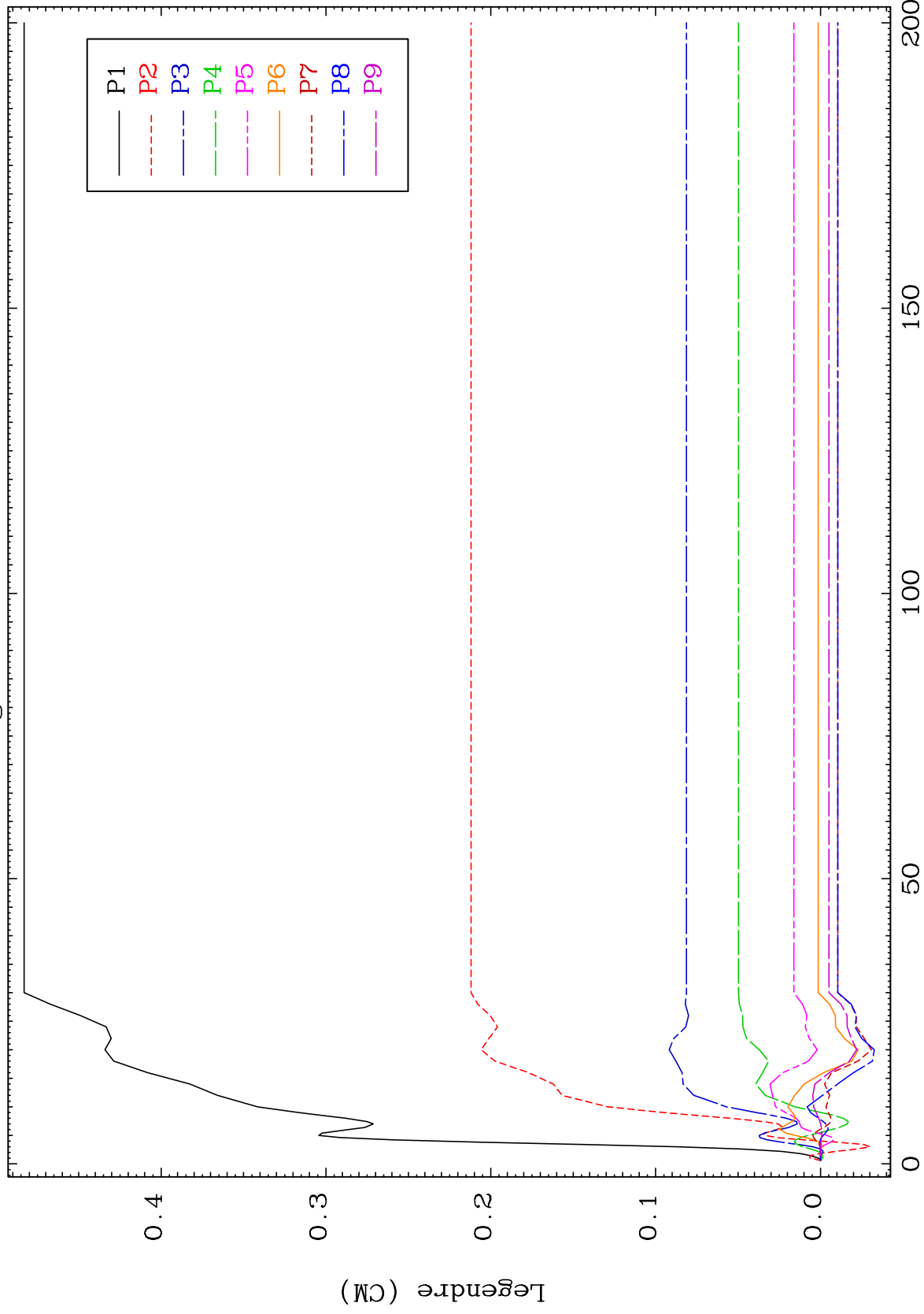
64-Gd-165



MAT 6464

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

64-Gd-165



41

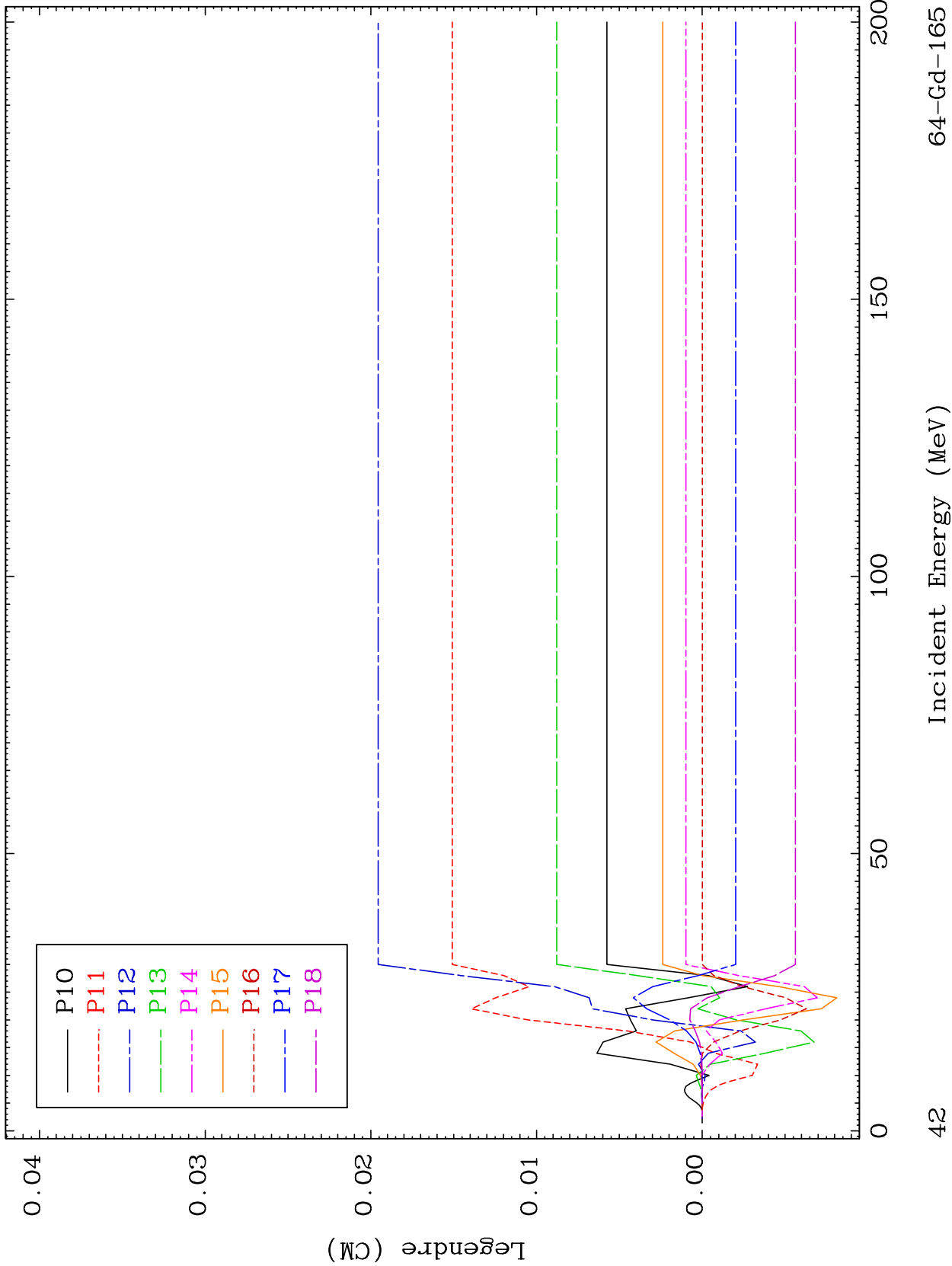
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



42

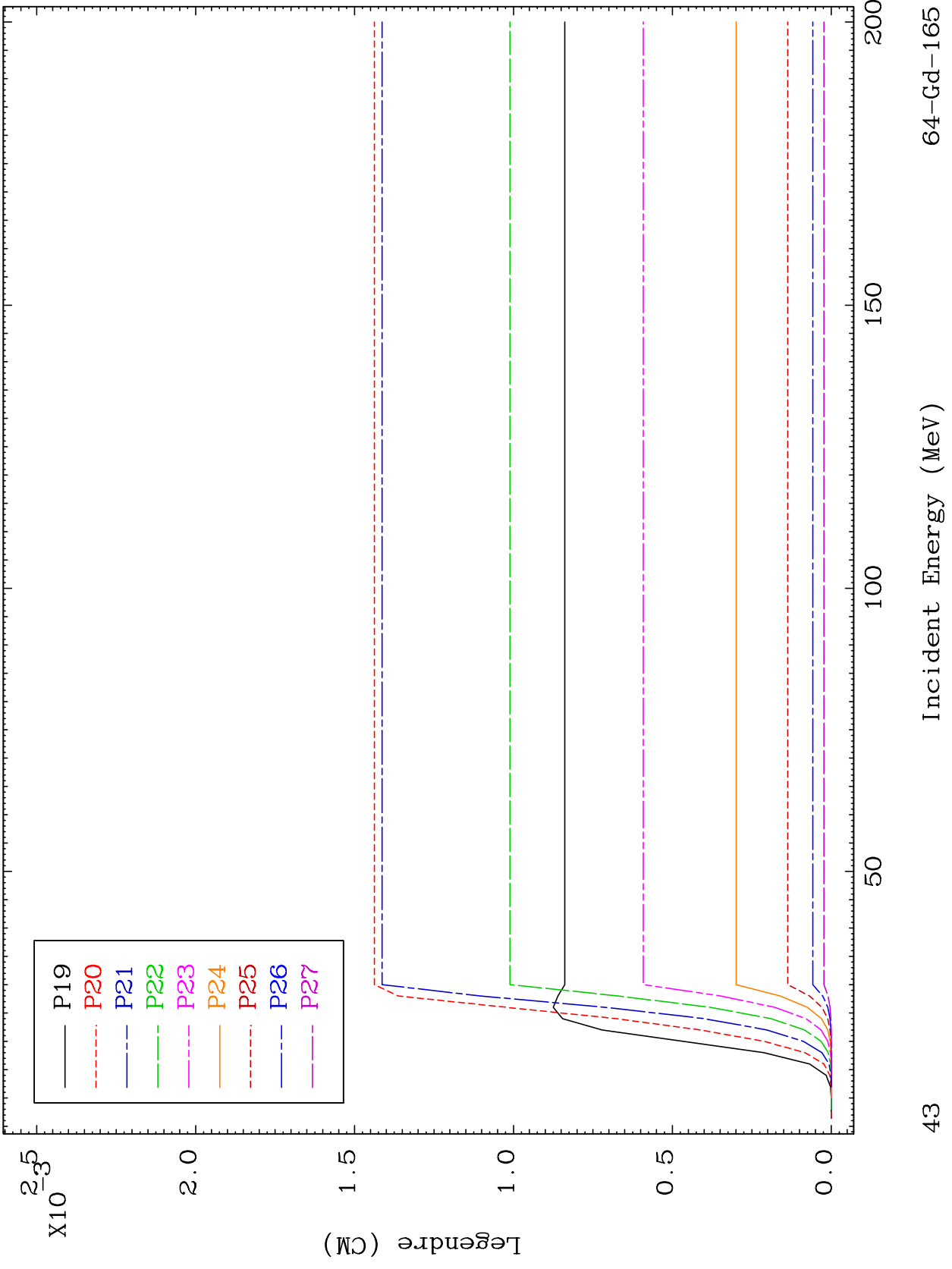
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

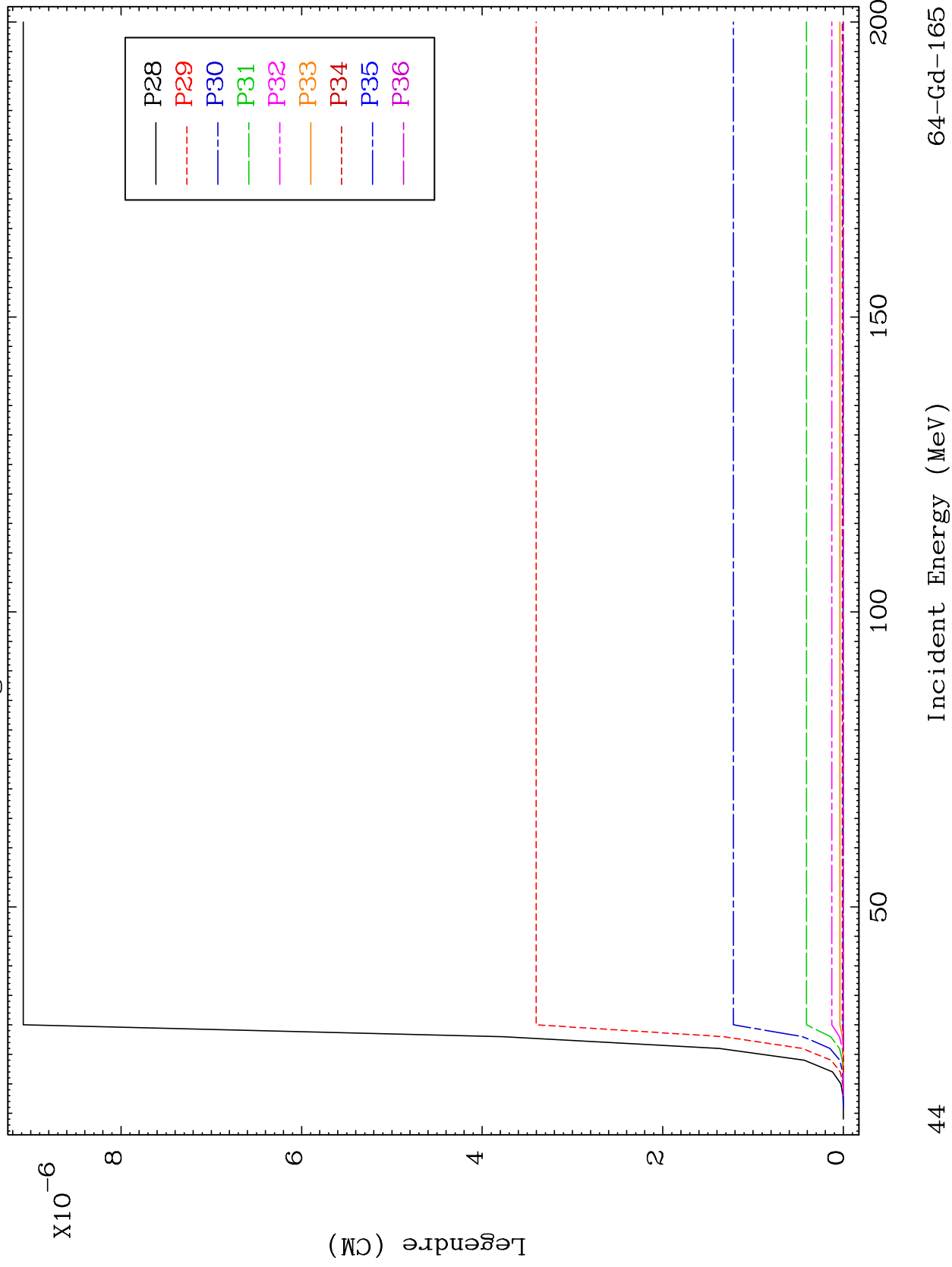
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MAT 6464

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

64-Gd-165



44

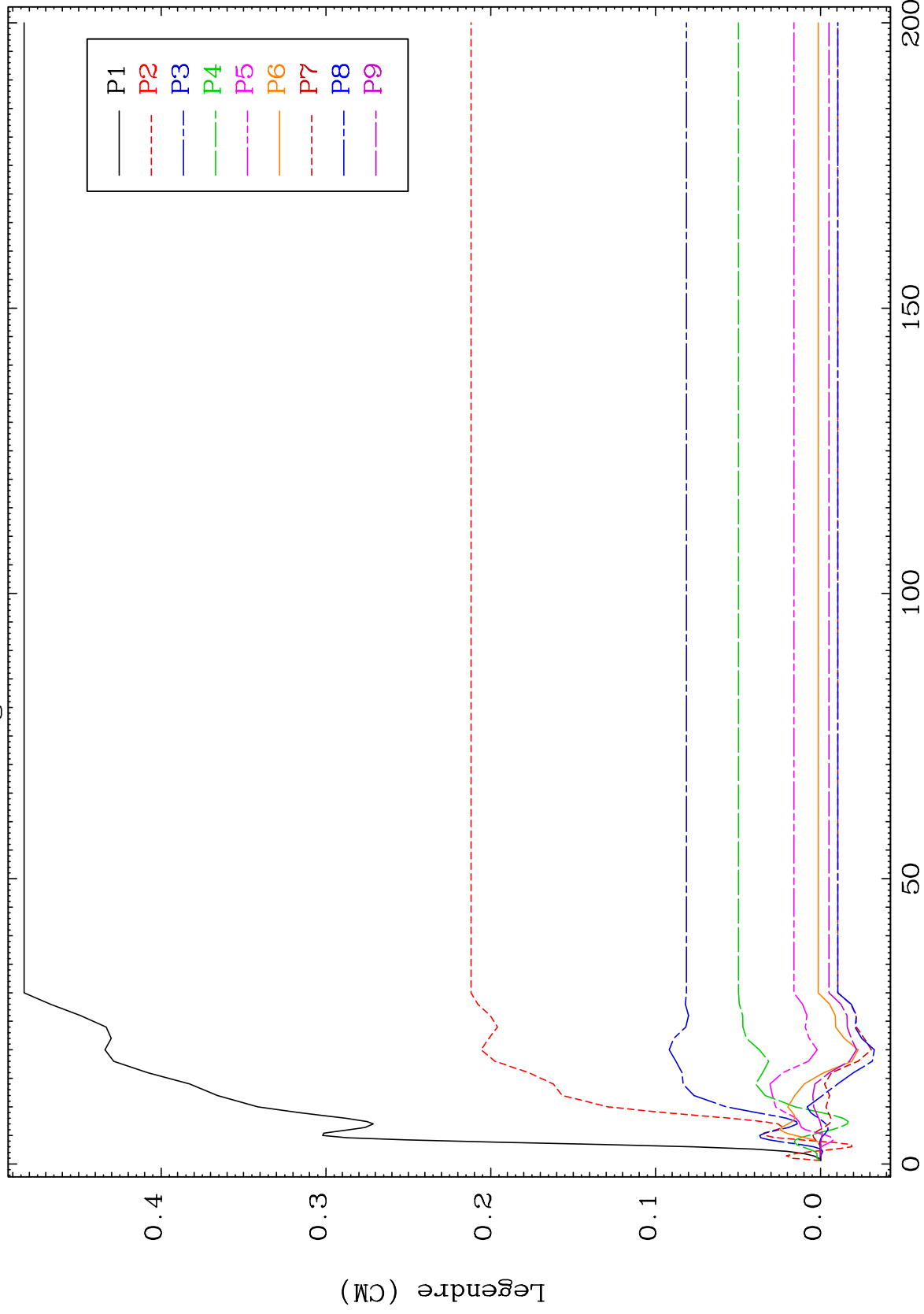
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



45

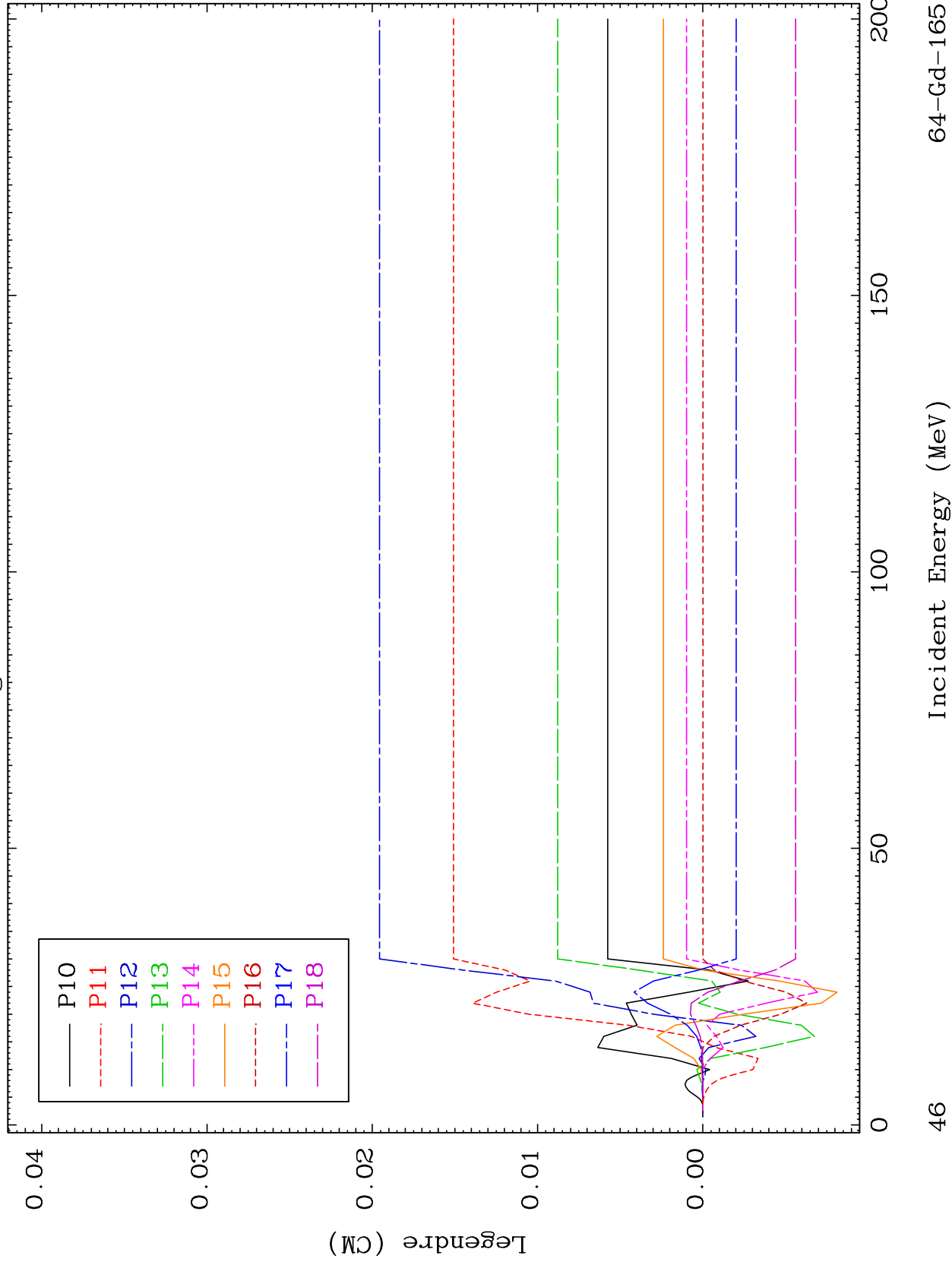
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

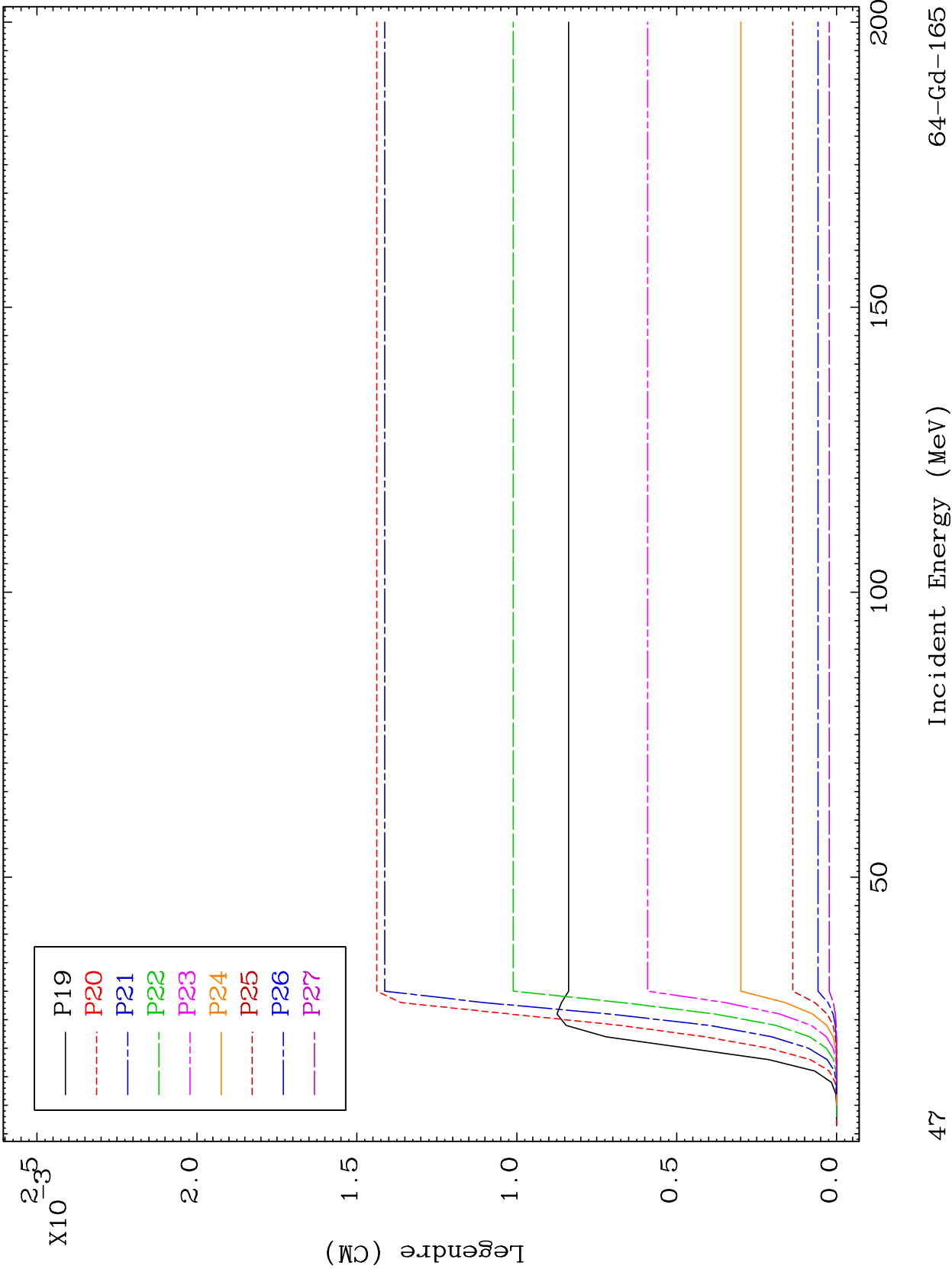
64-Gd-165



MAT 6464

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

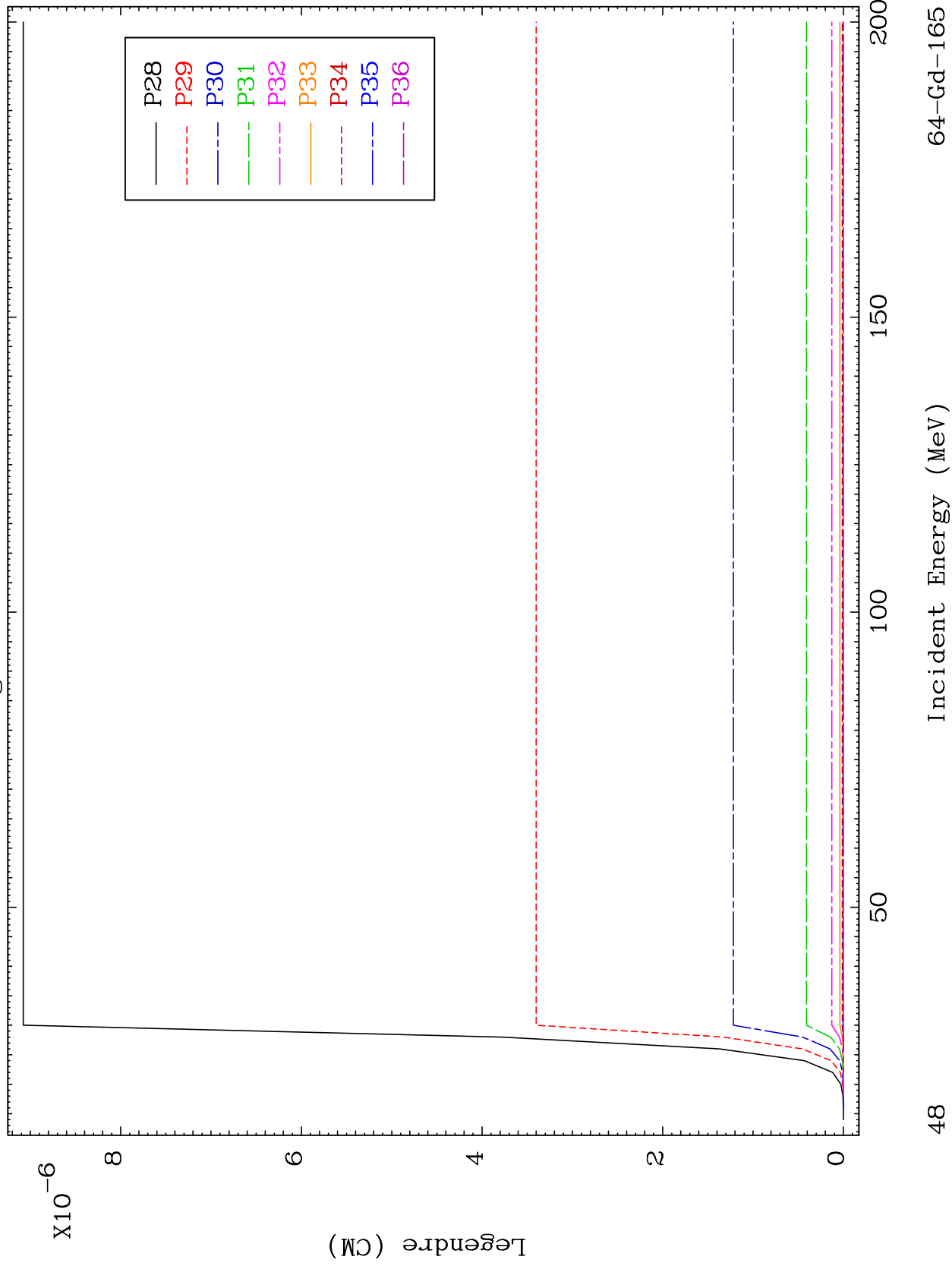
64-Gd-165



MAT 6464

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

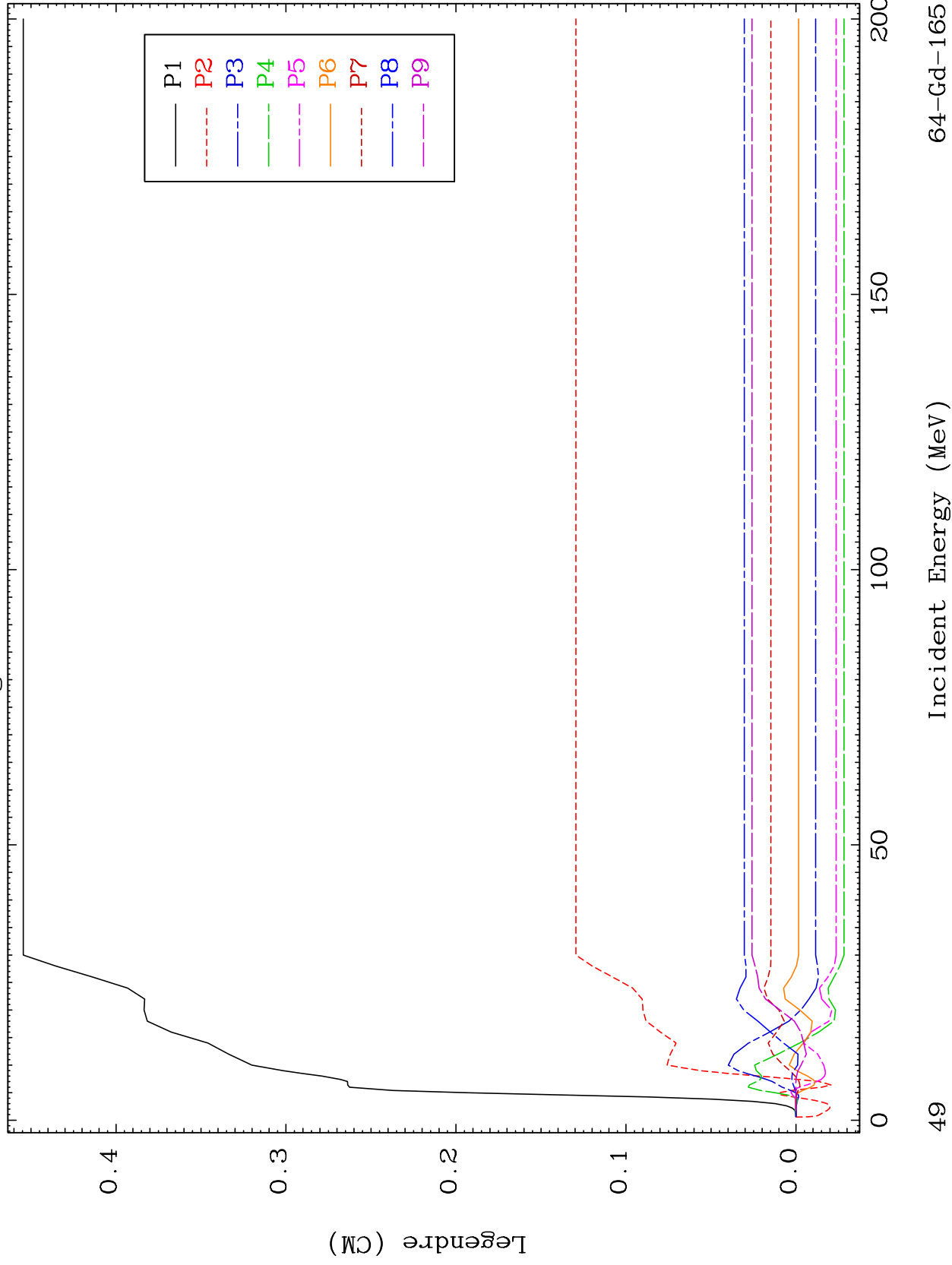
64-Gd-165



MAT 6464

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

64-Gd-165



64-Gd-165

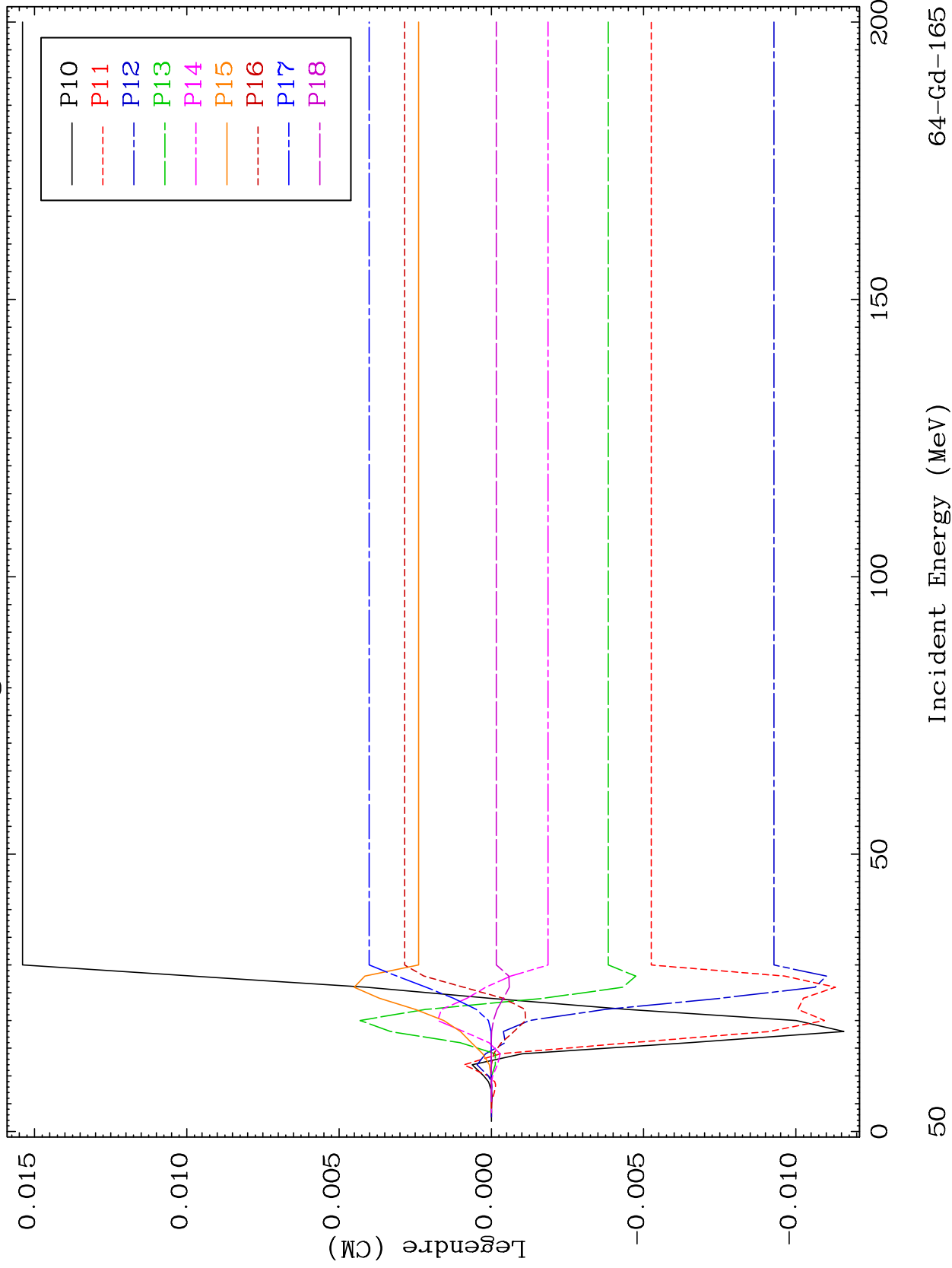
Incident Energy (MeV)

49

MAT 6464

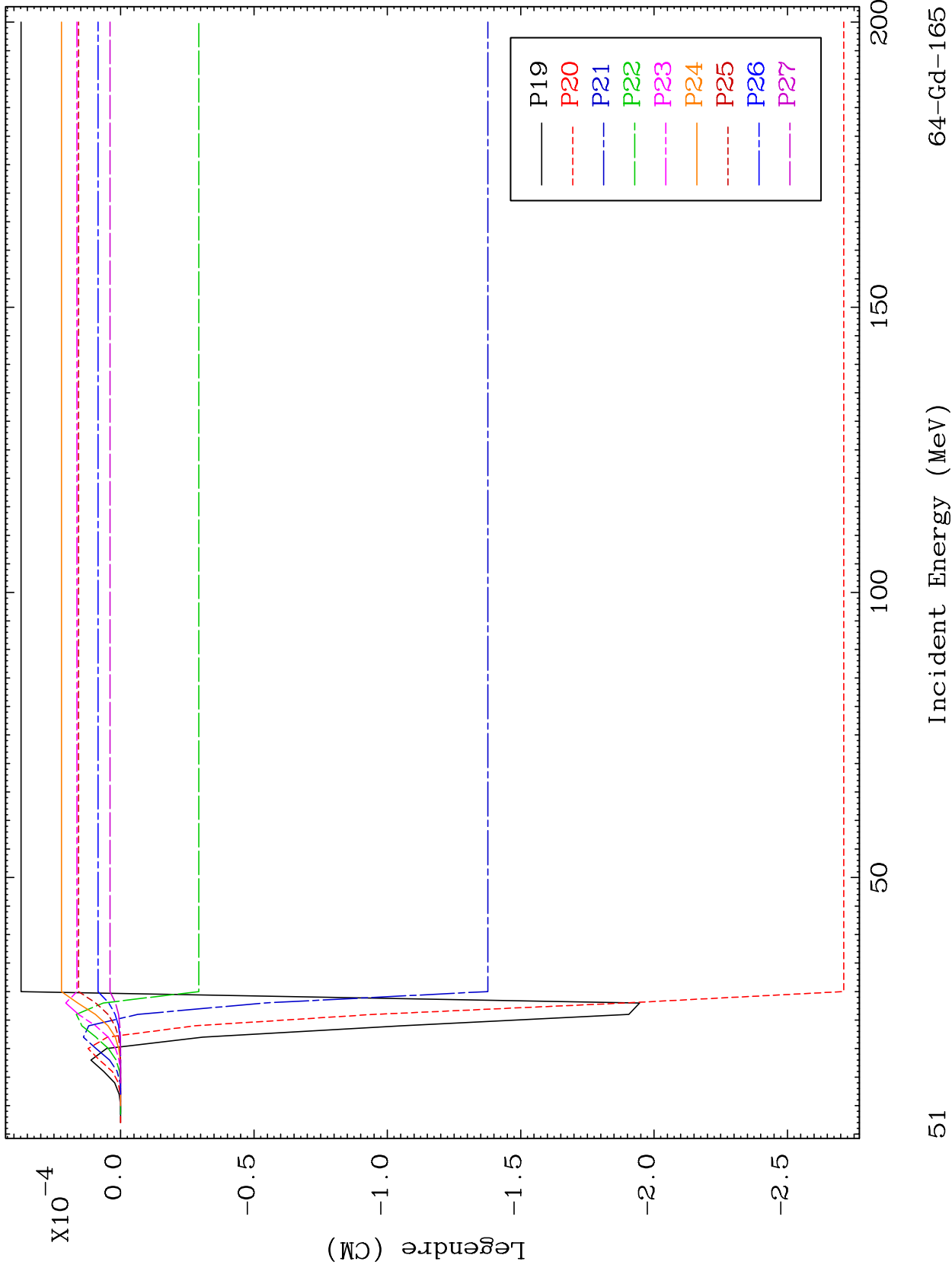
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Legendre Coefficients

64-Gd-165



64-Gd-165

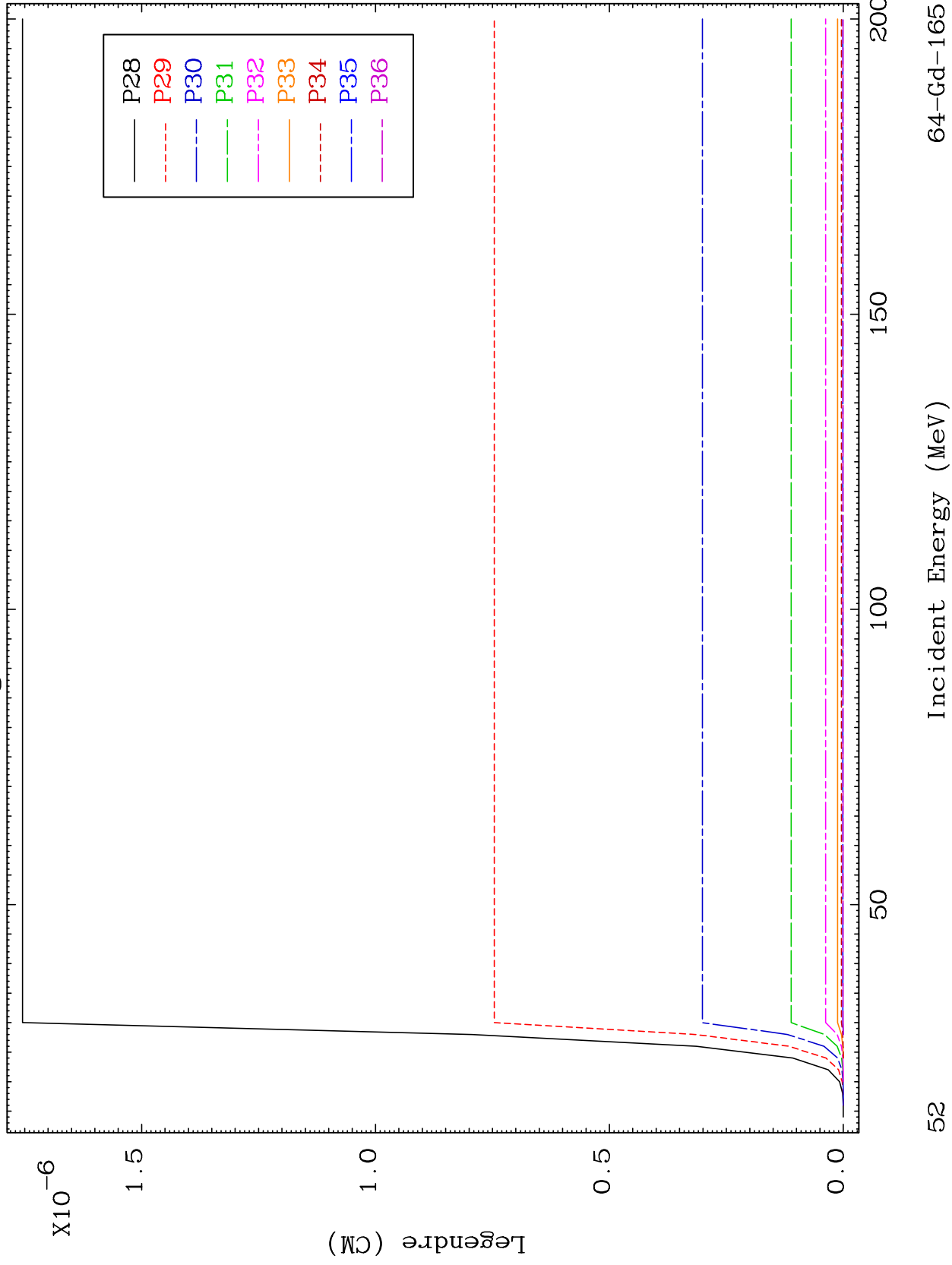
Incident Energy (MeV)



MAT 6464

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

64-Gd-165



52

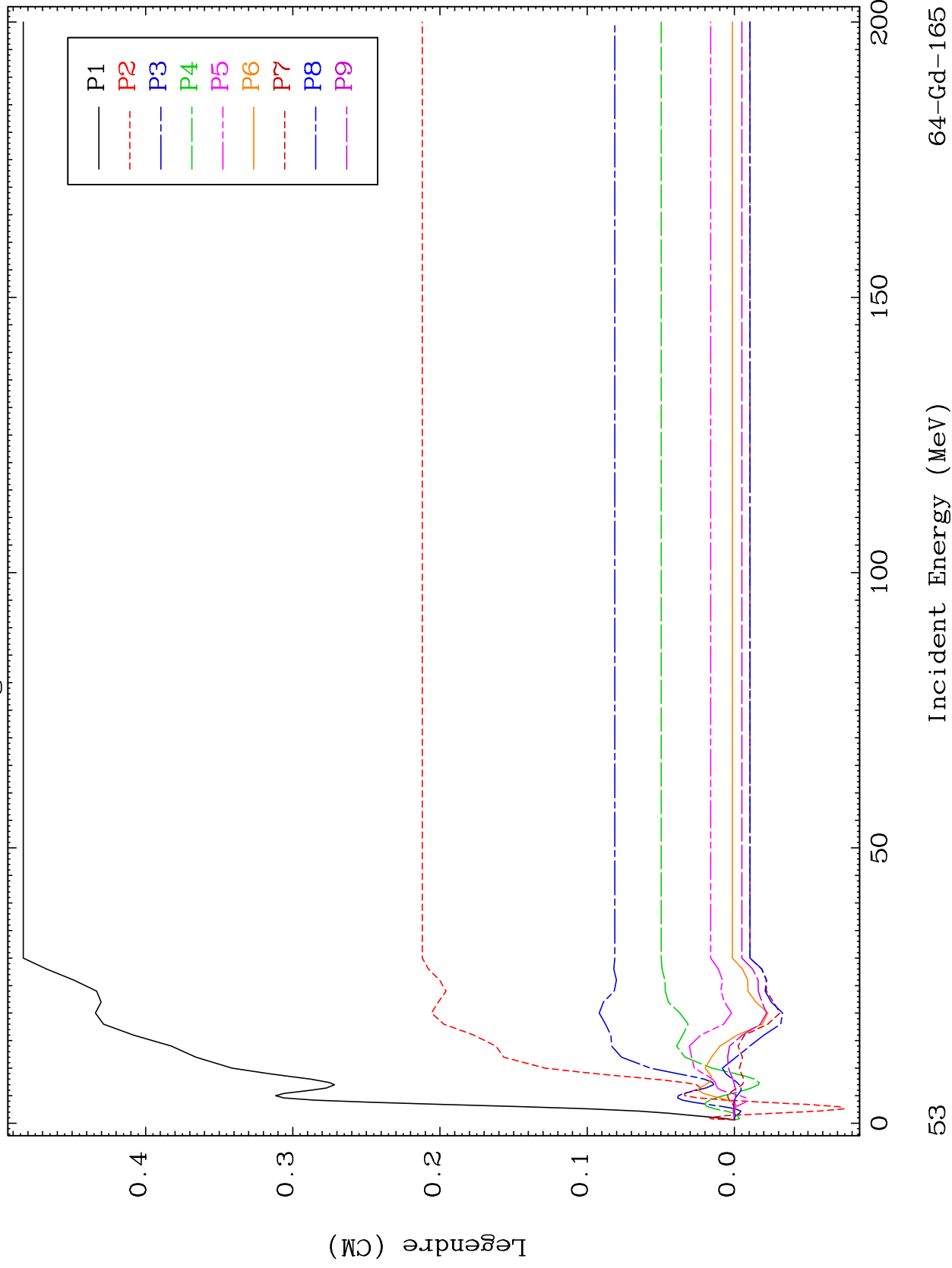
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



53

Incident Energy (MeV)

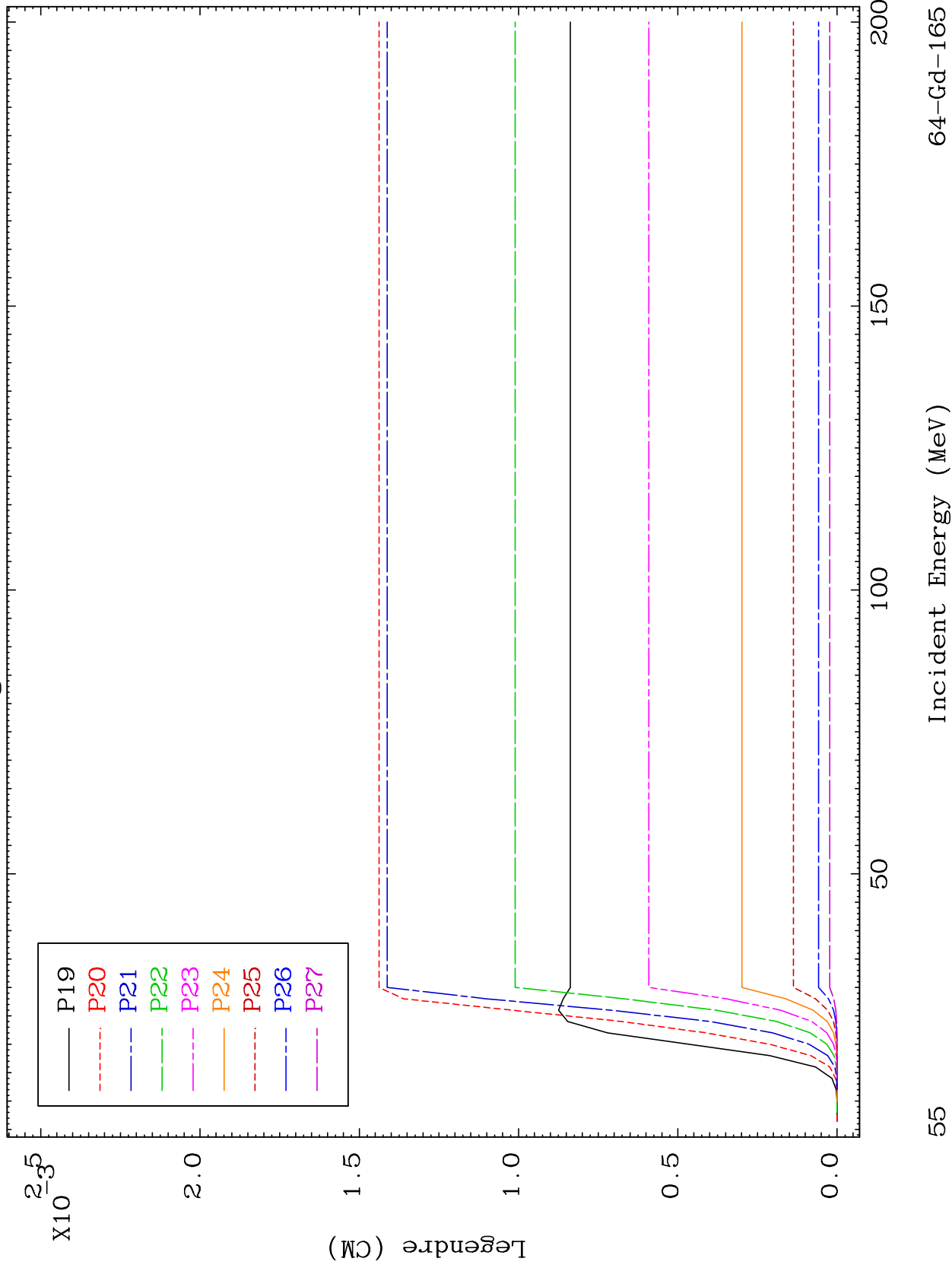
64-Gd-165



MAT 6464

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

64-Gd-165



55

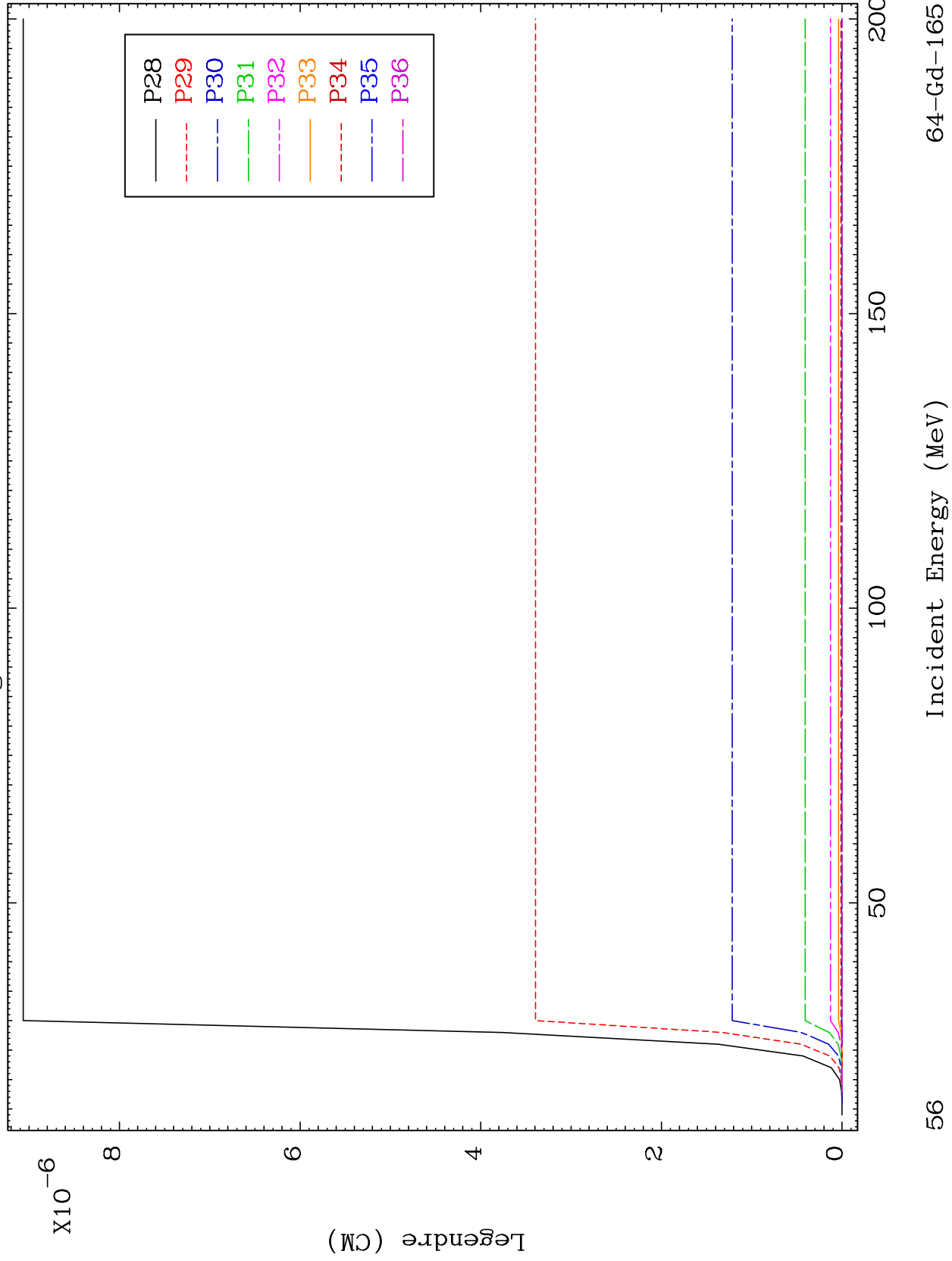
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



56

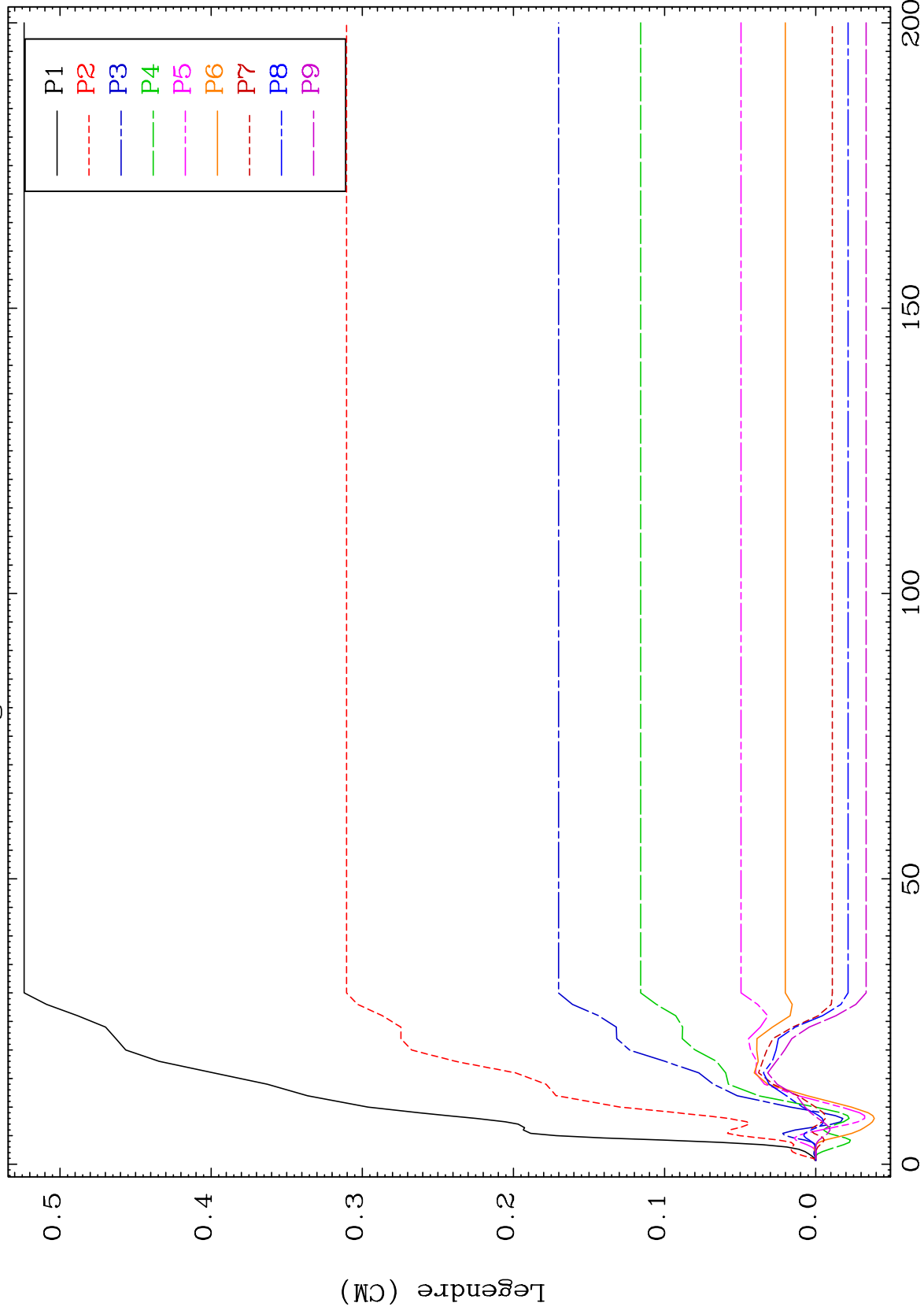
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



57

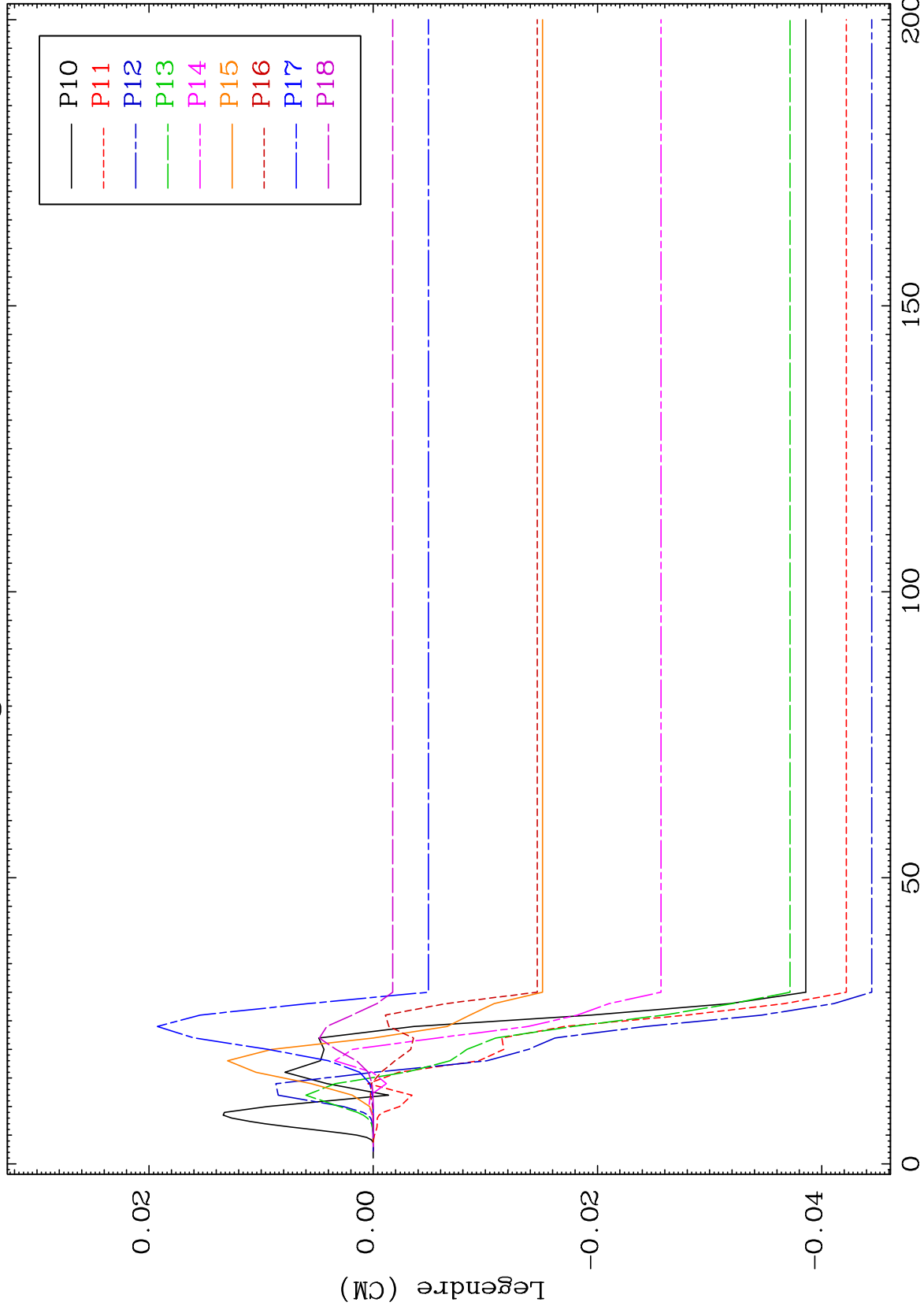
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



58

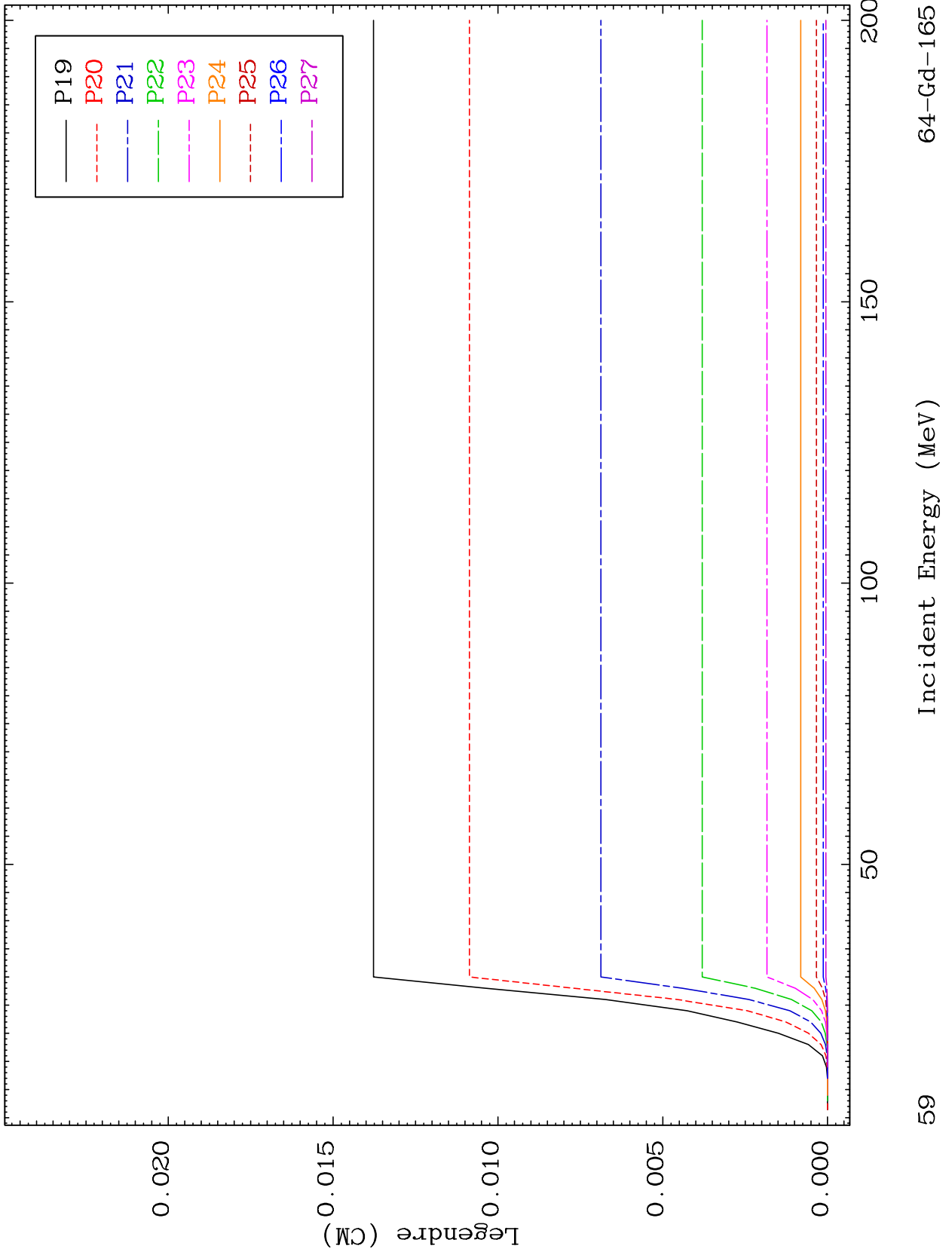
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



59

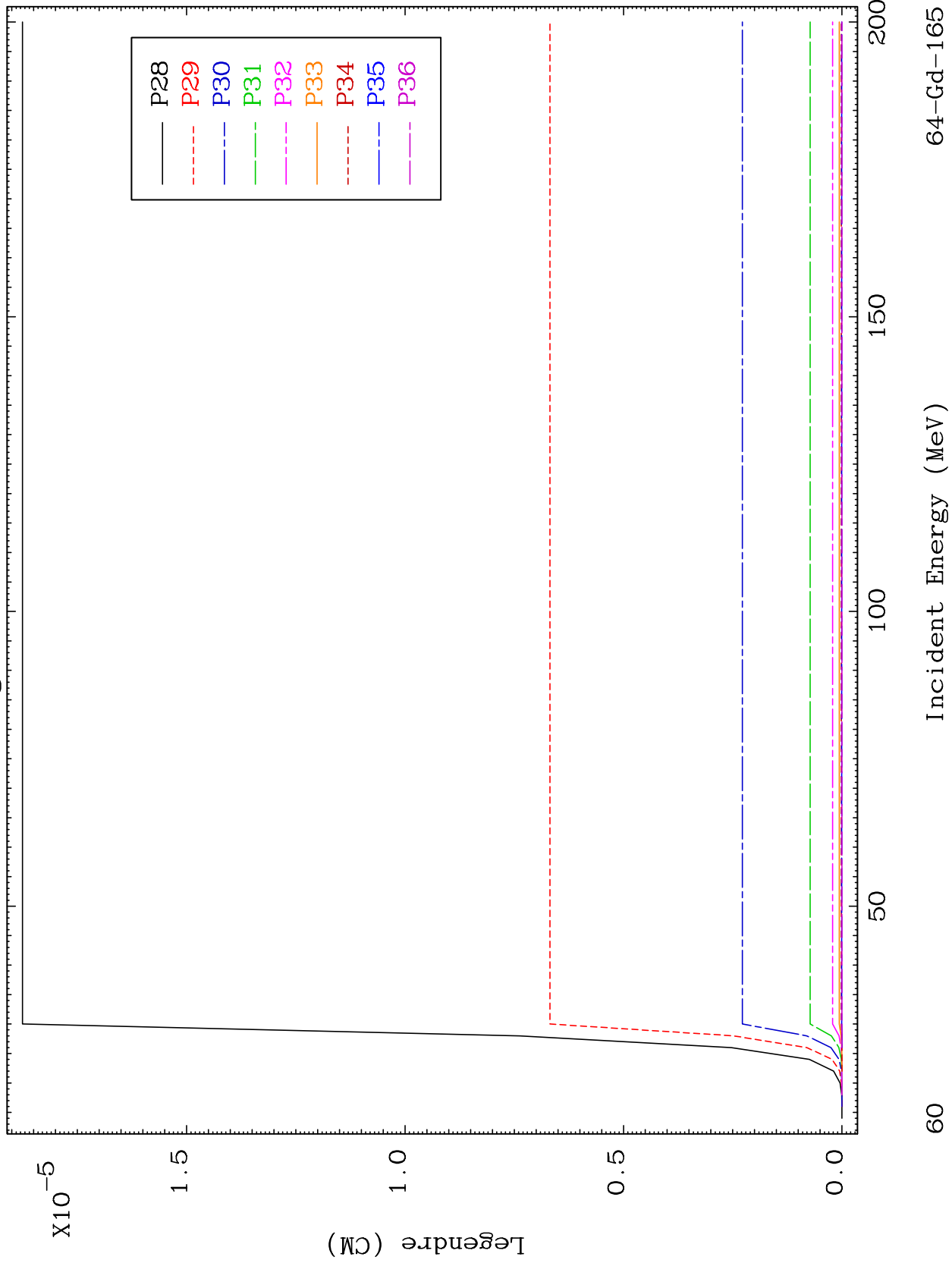
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

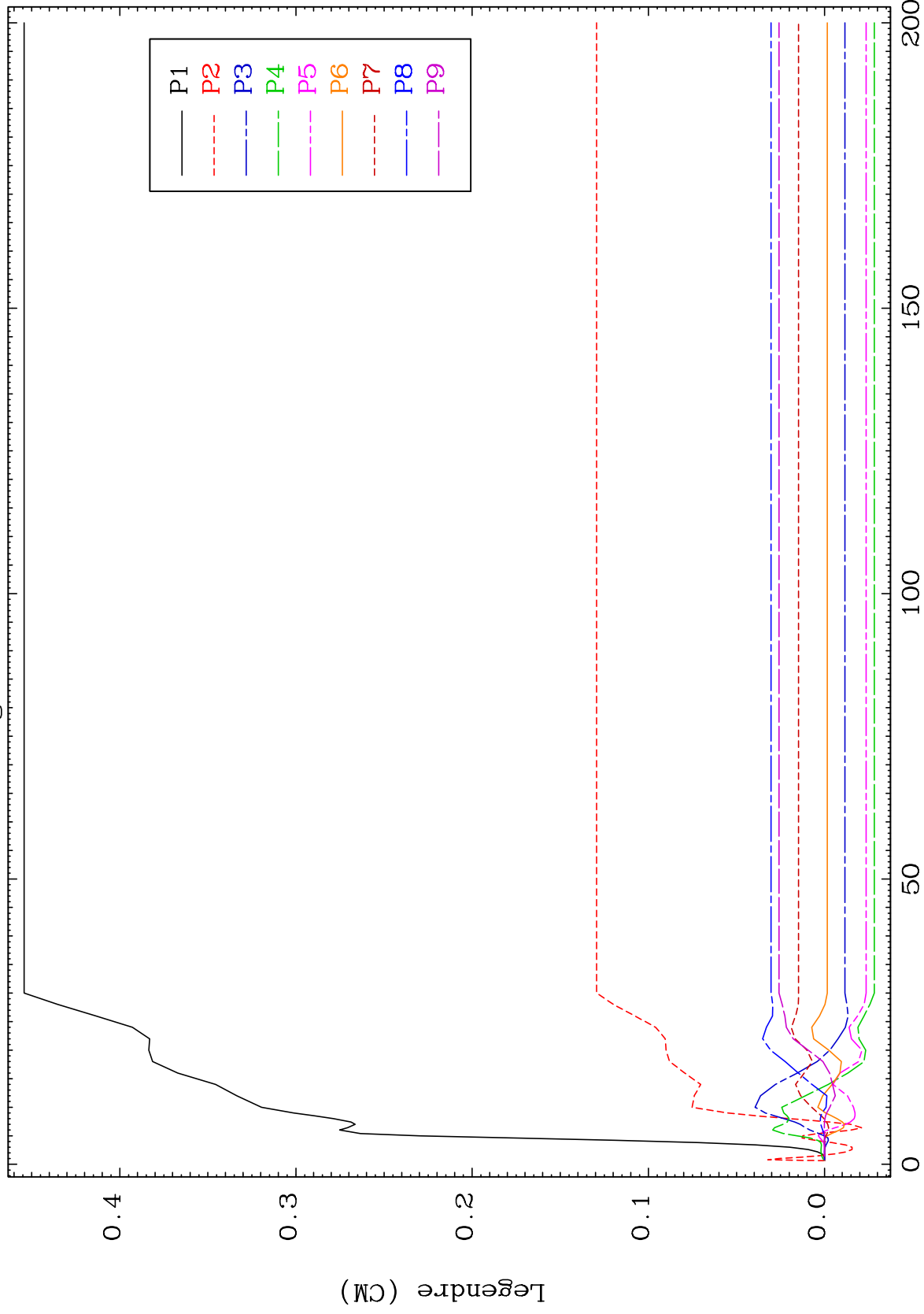
64-Gd-165



MAT 6464

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

64-Gd-165



61

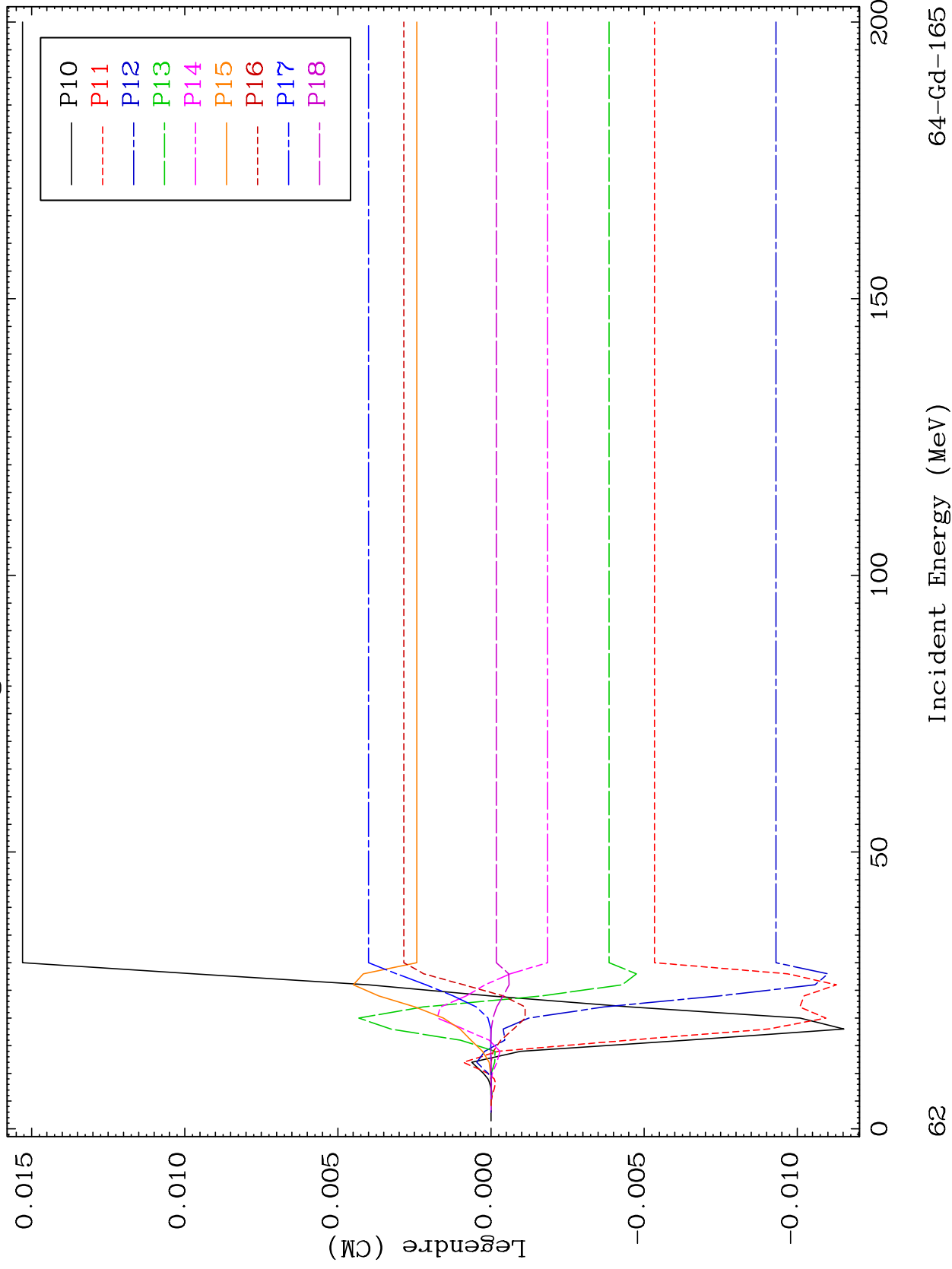
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



64-Gd-165

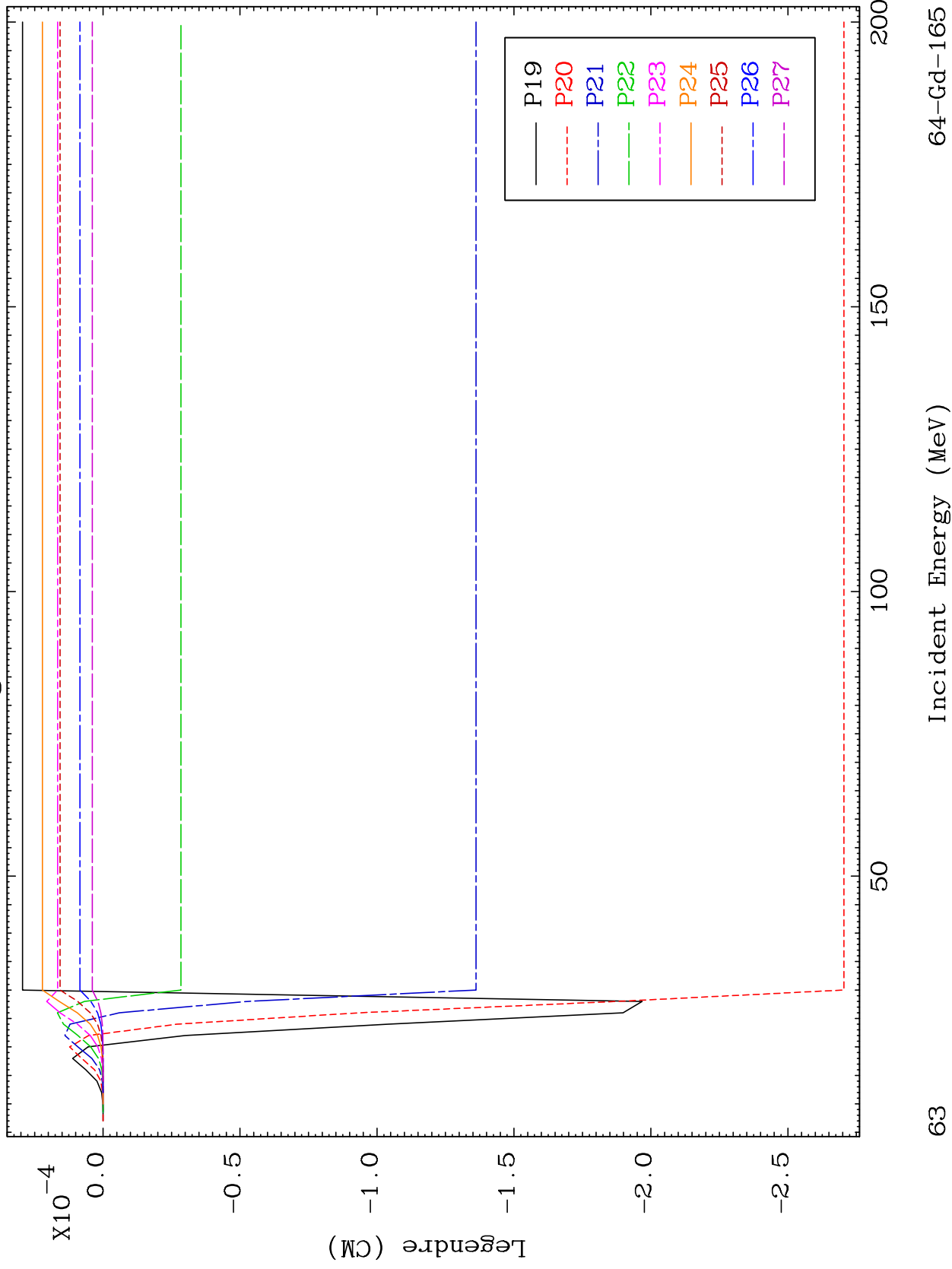
Incident Energy (MeV)

62

MAT 6464

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

64-Gd-165



63

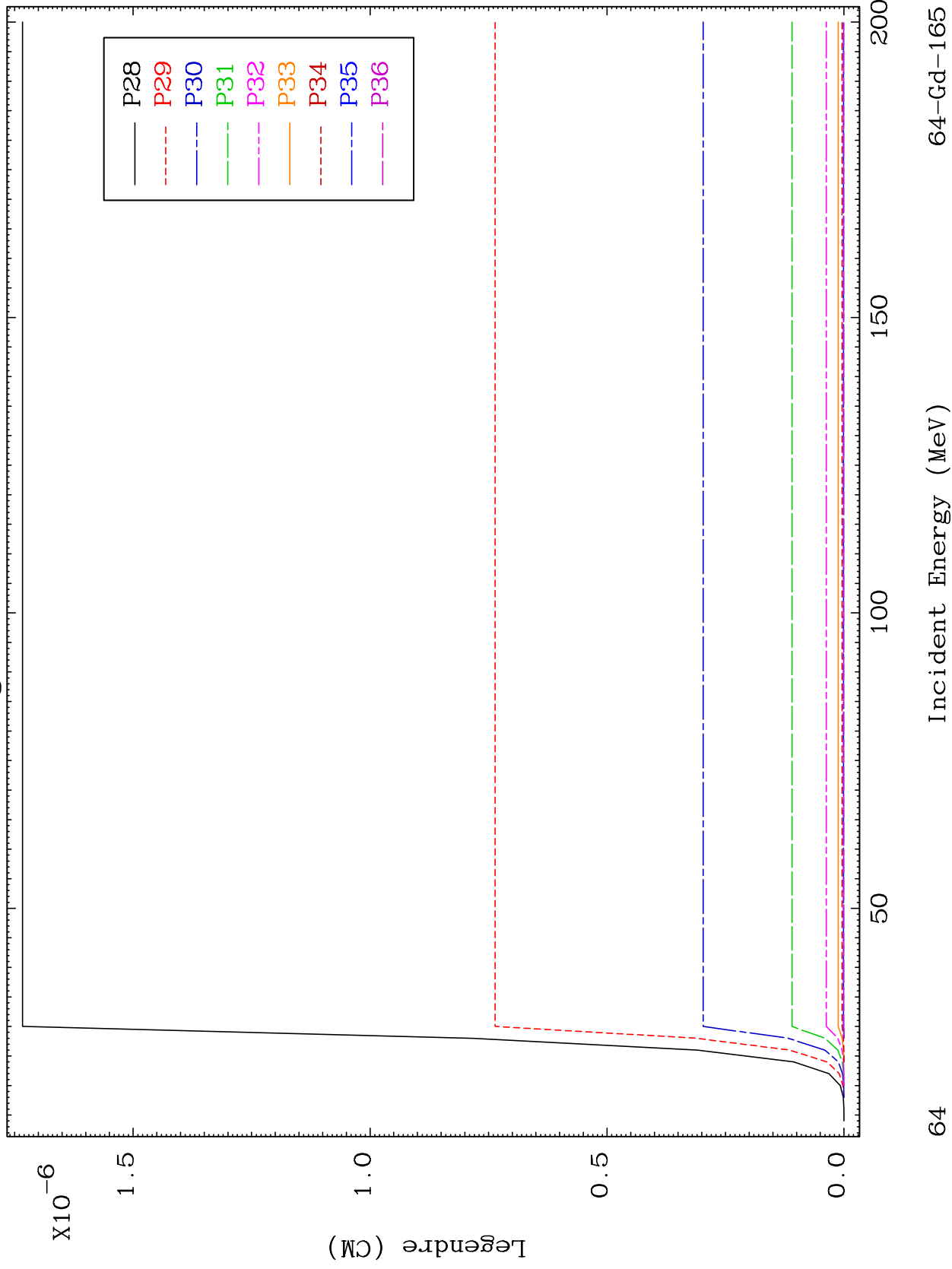
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



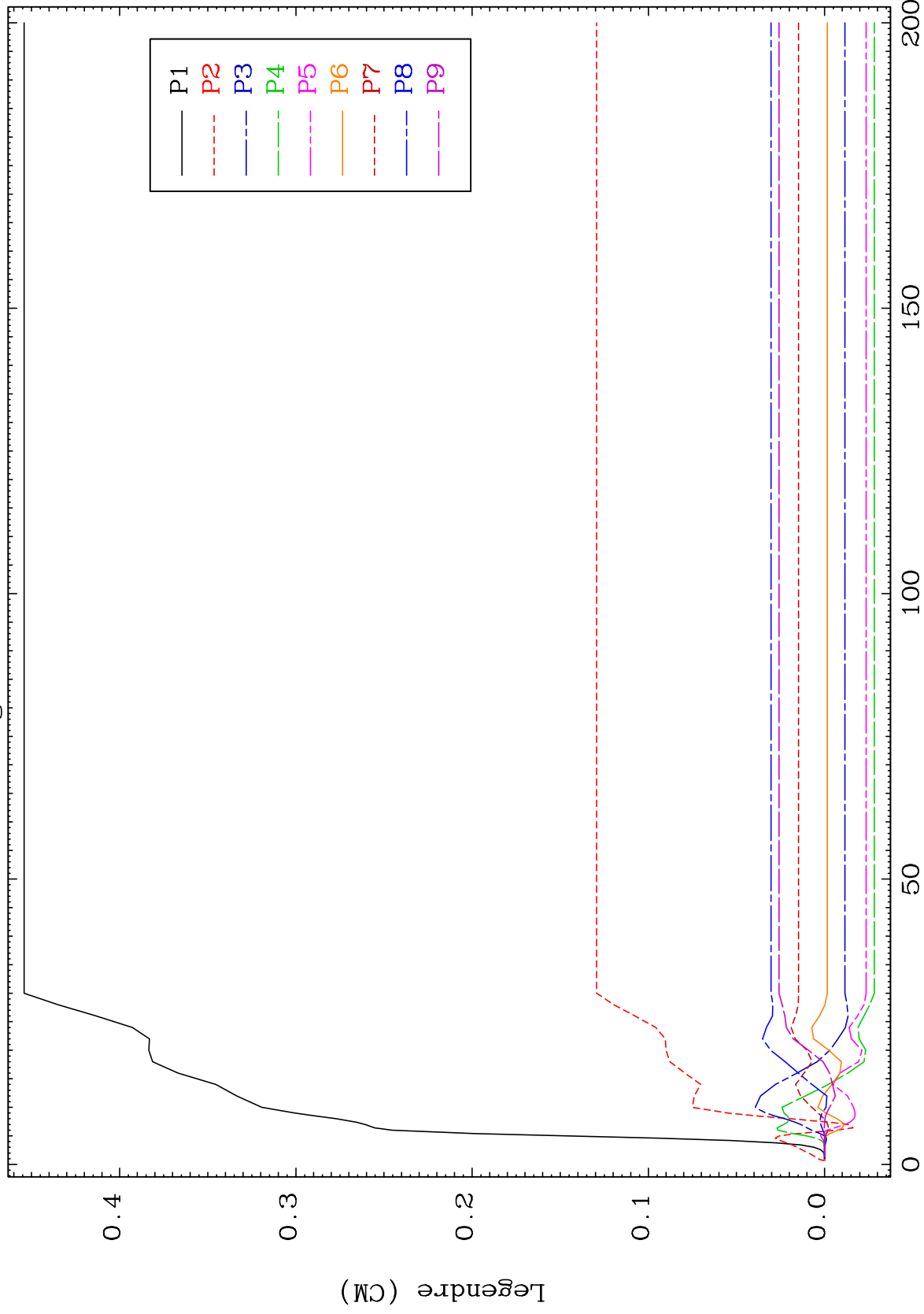
64

64-Gd-165

MAT 6464

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

64-Gd-165



65

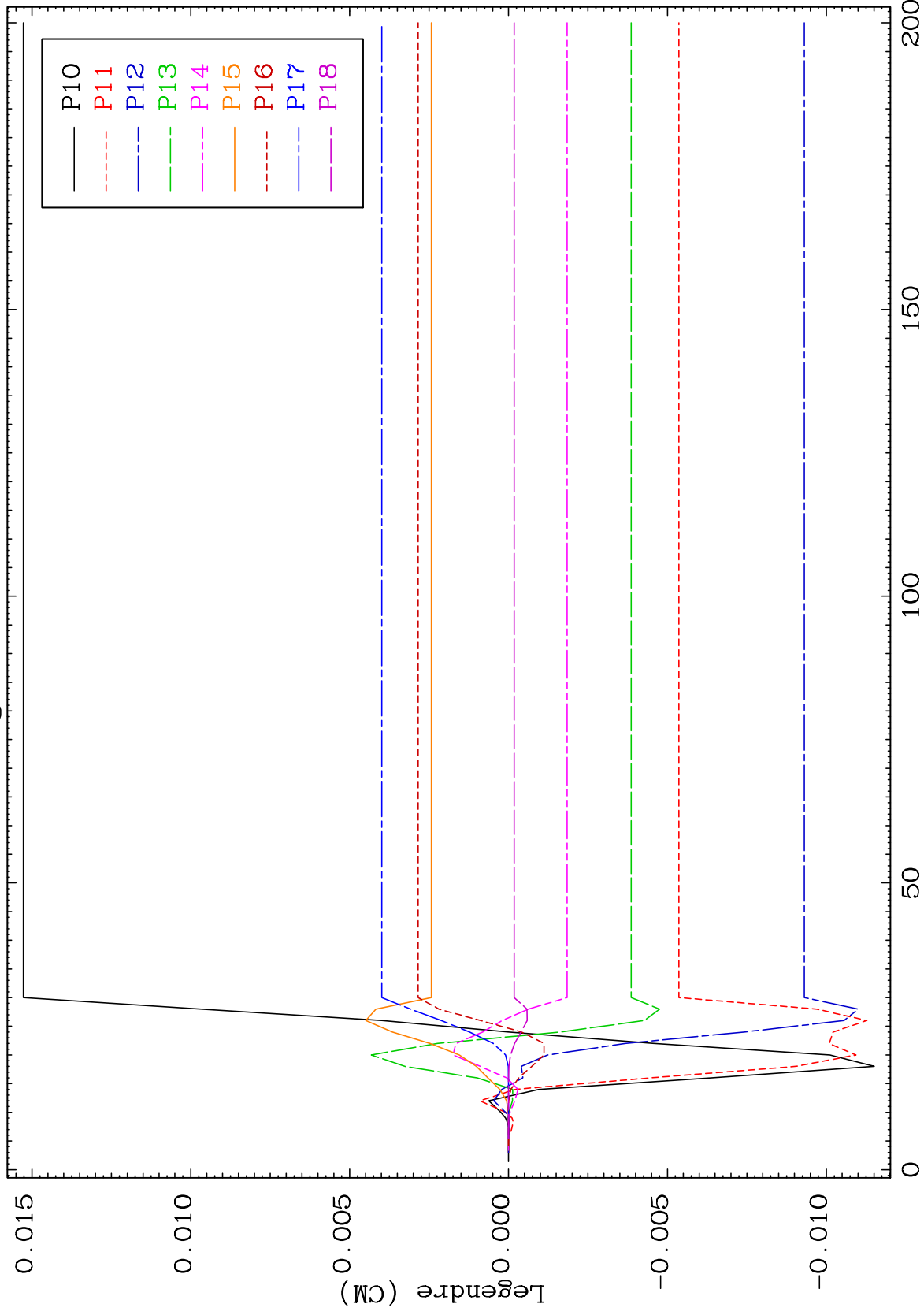
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



66

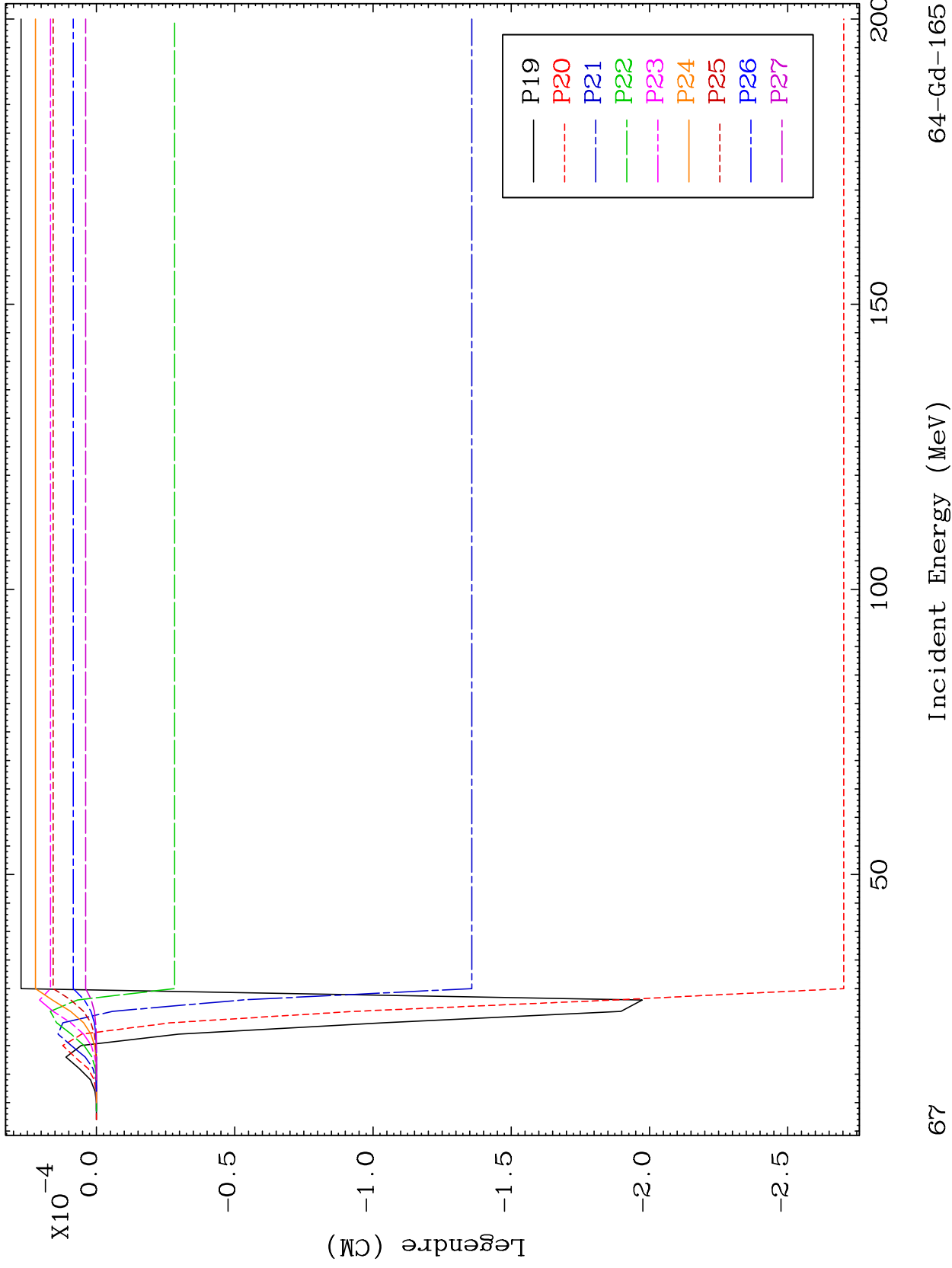
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



67

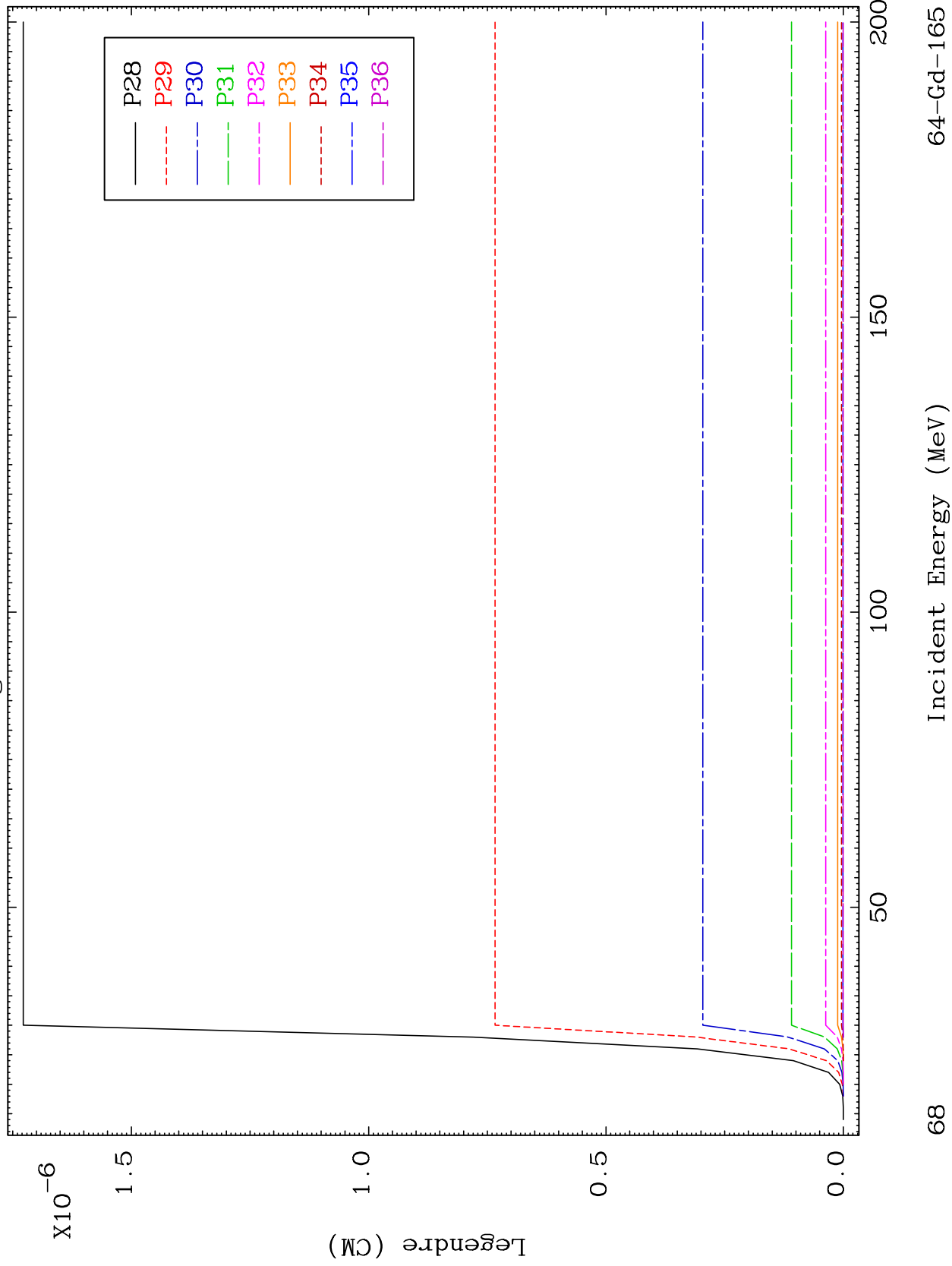
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



68

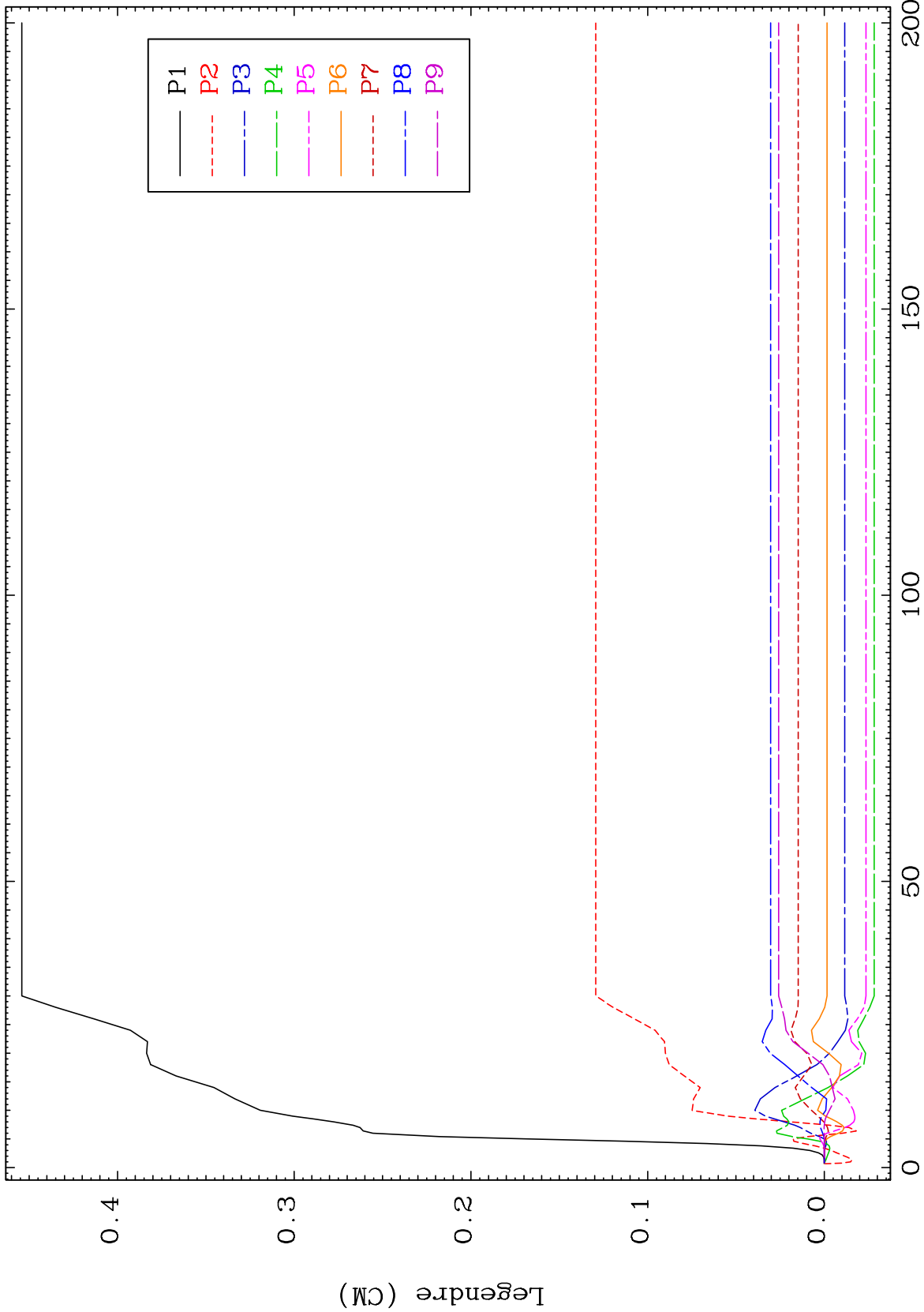
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



69

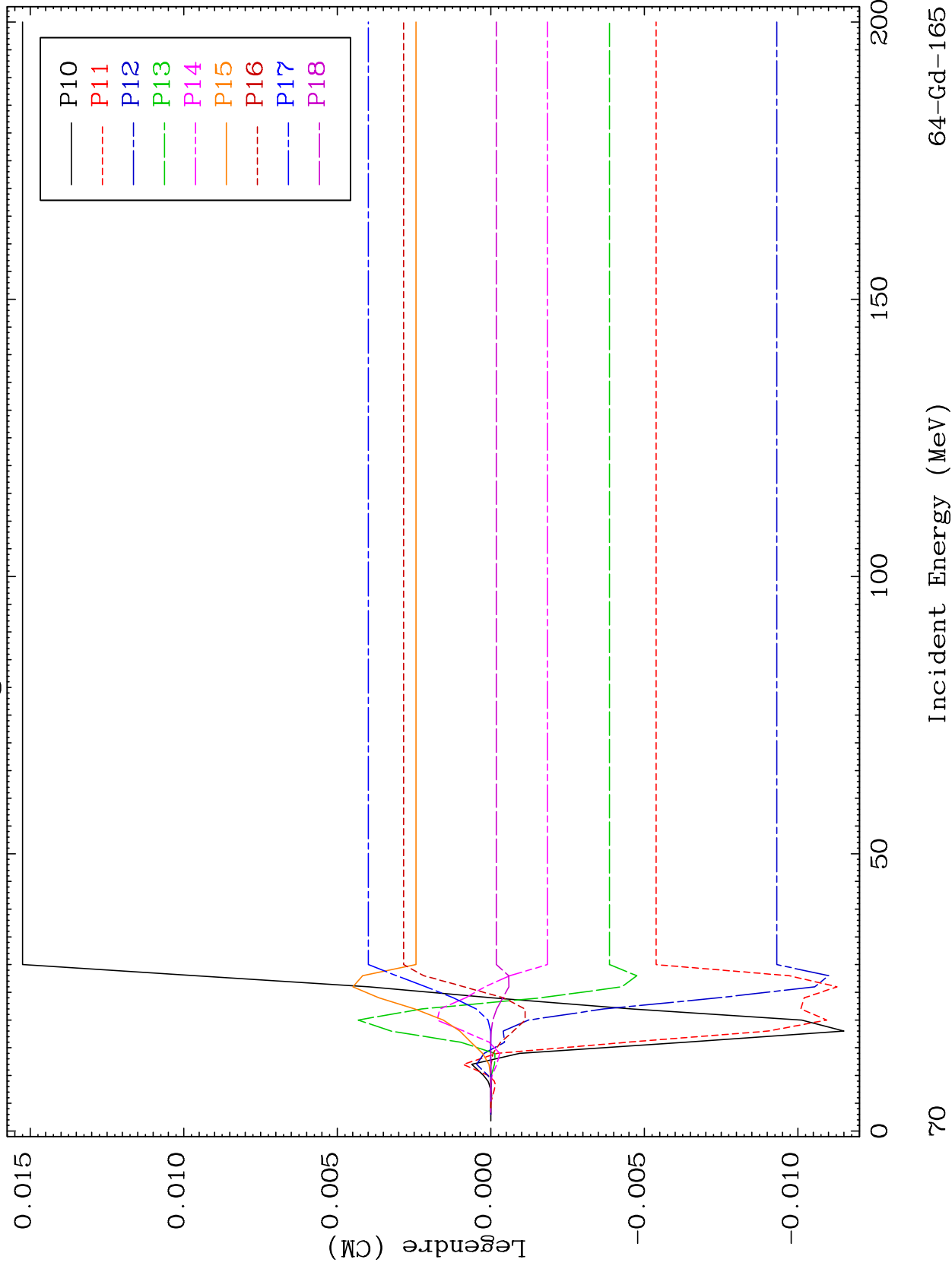
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



64-Gd-165

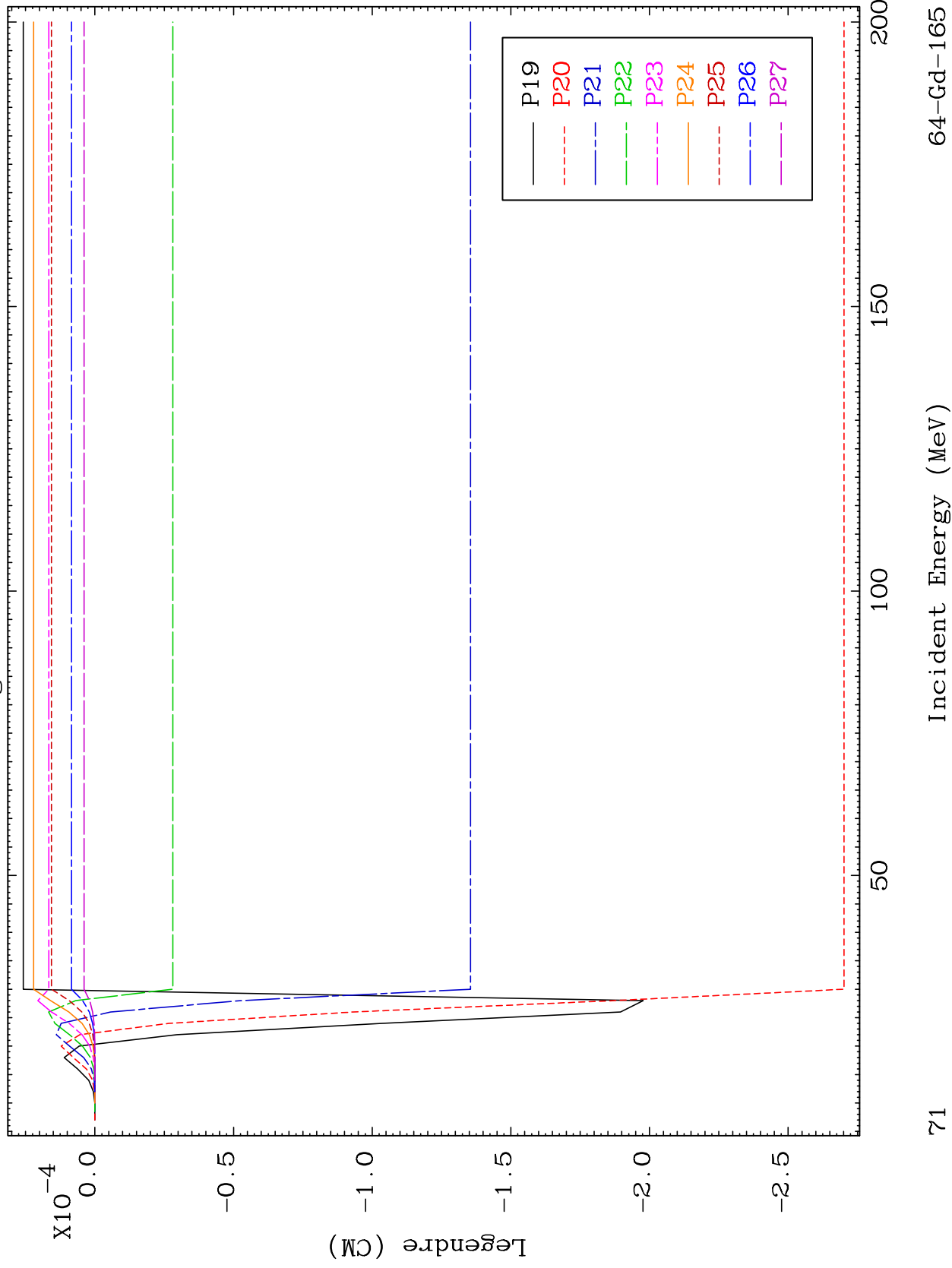
Incident Energy (MeV)

70

MAT 6464

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

64-Gd-165



71

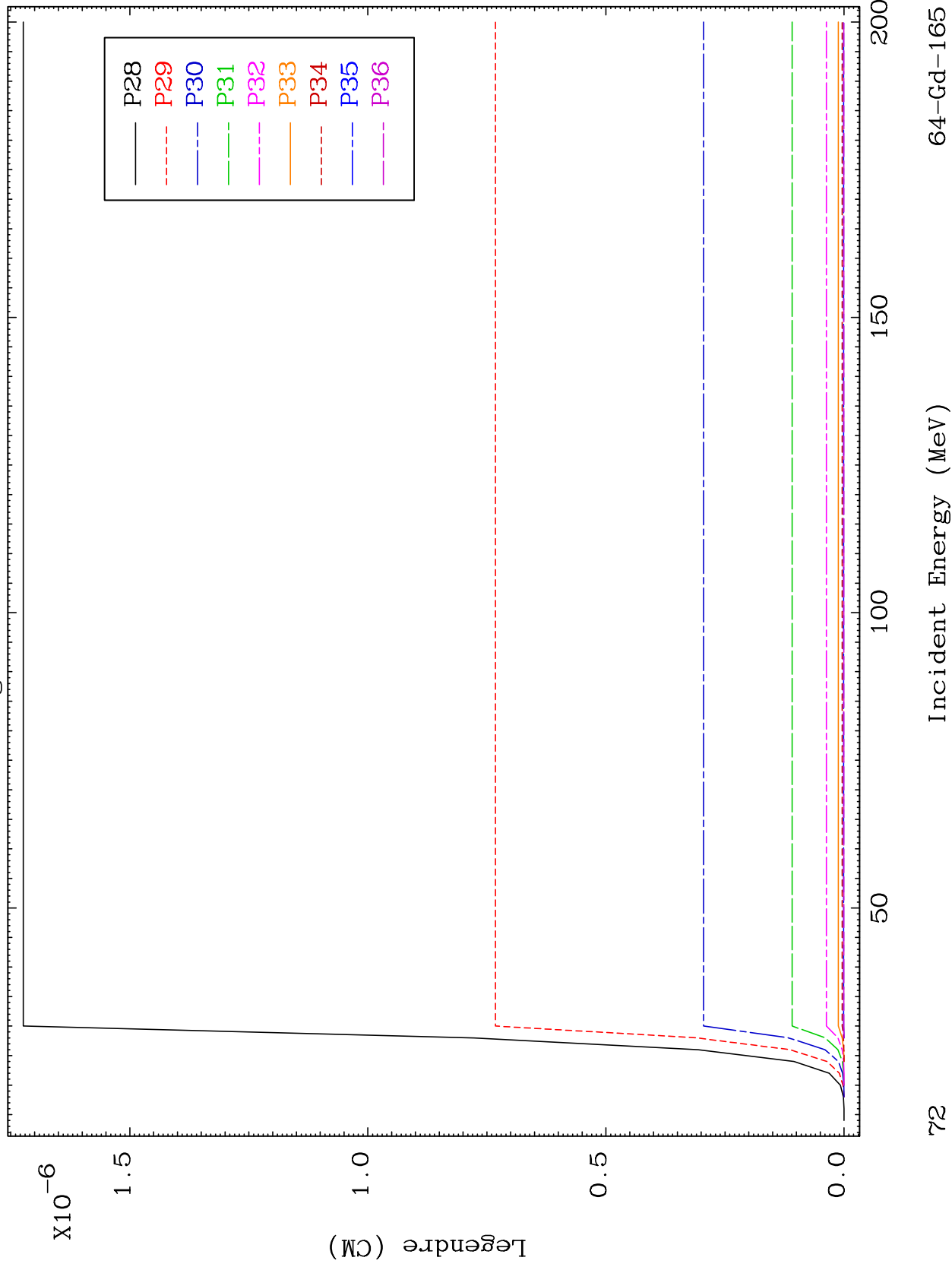
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



72

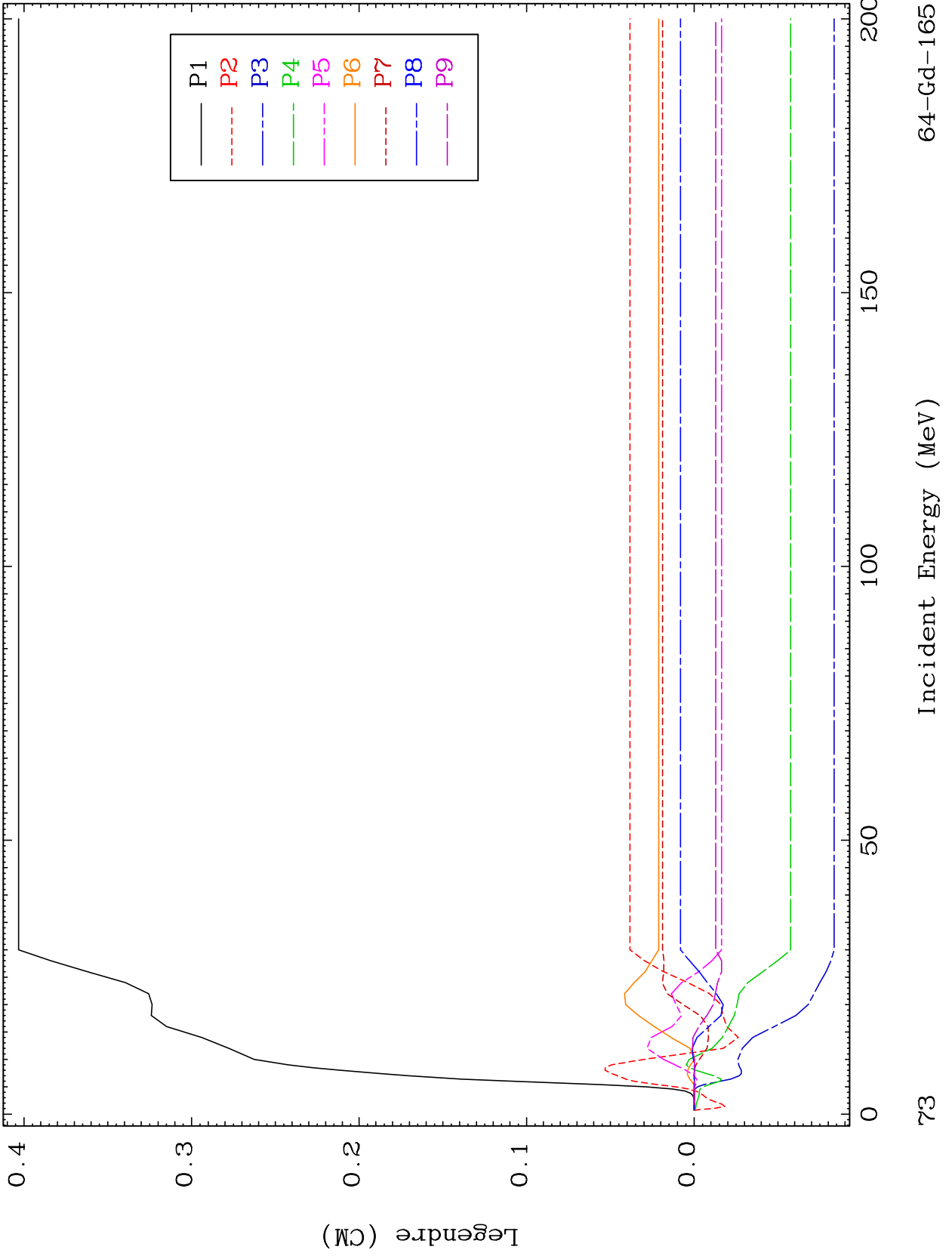
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



64-Gd-165

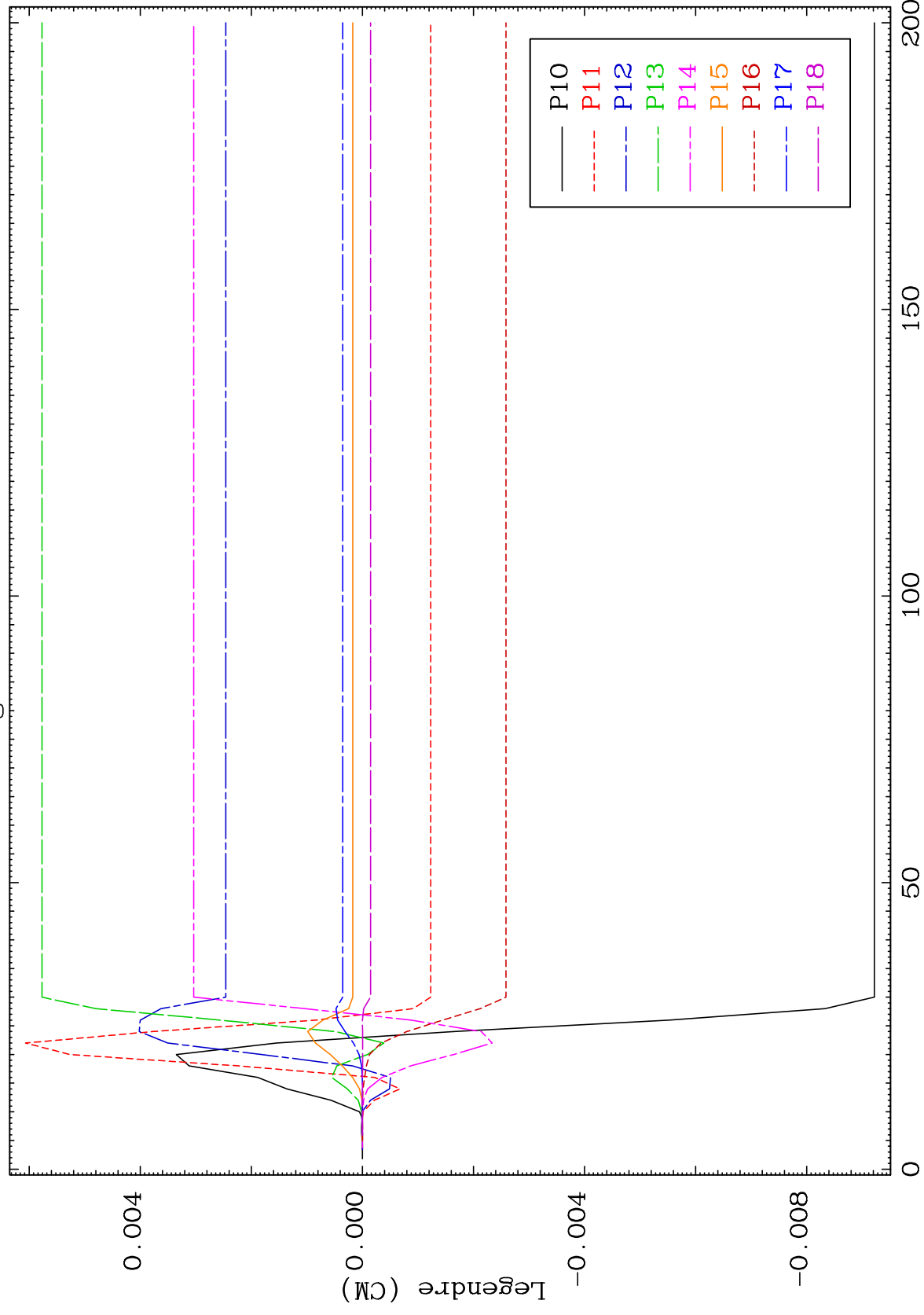
Incident Energy (MeV)

73

MAT 6464

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

64-Gd-165



74

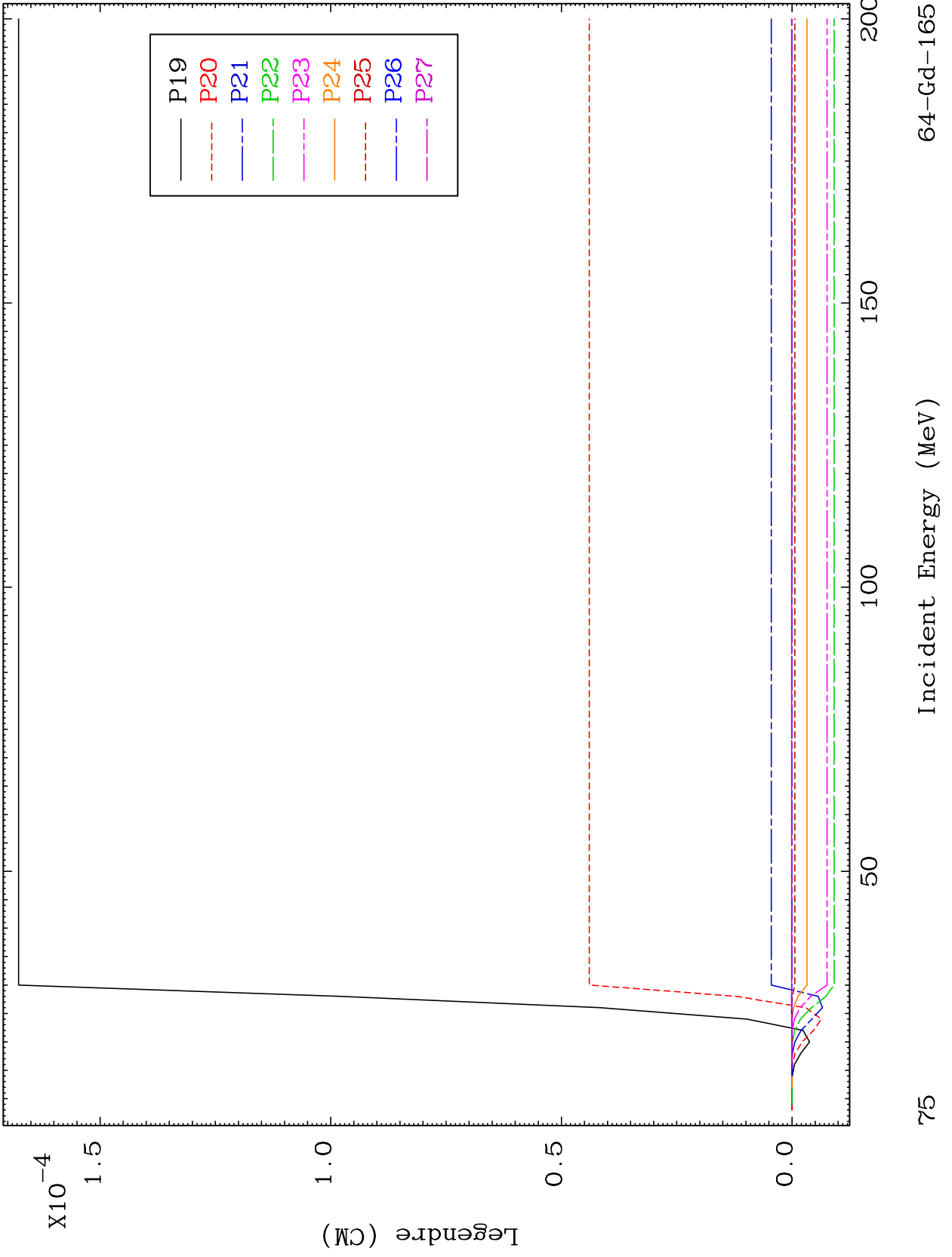
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

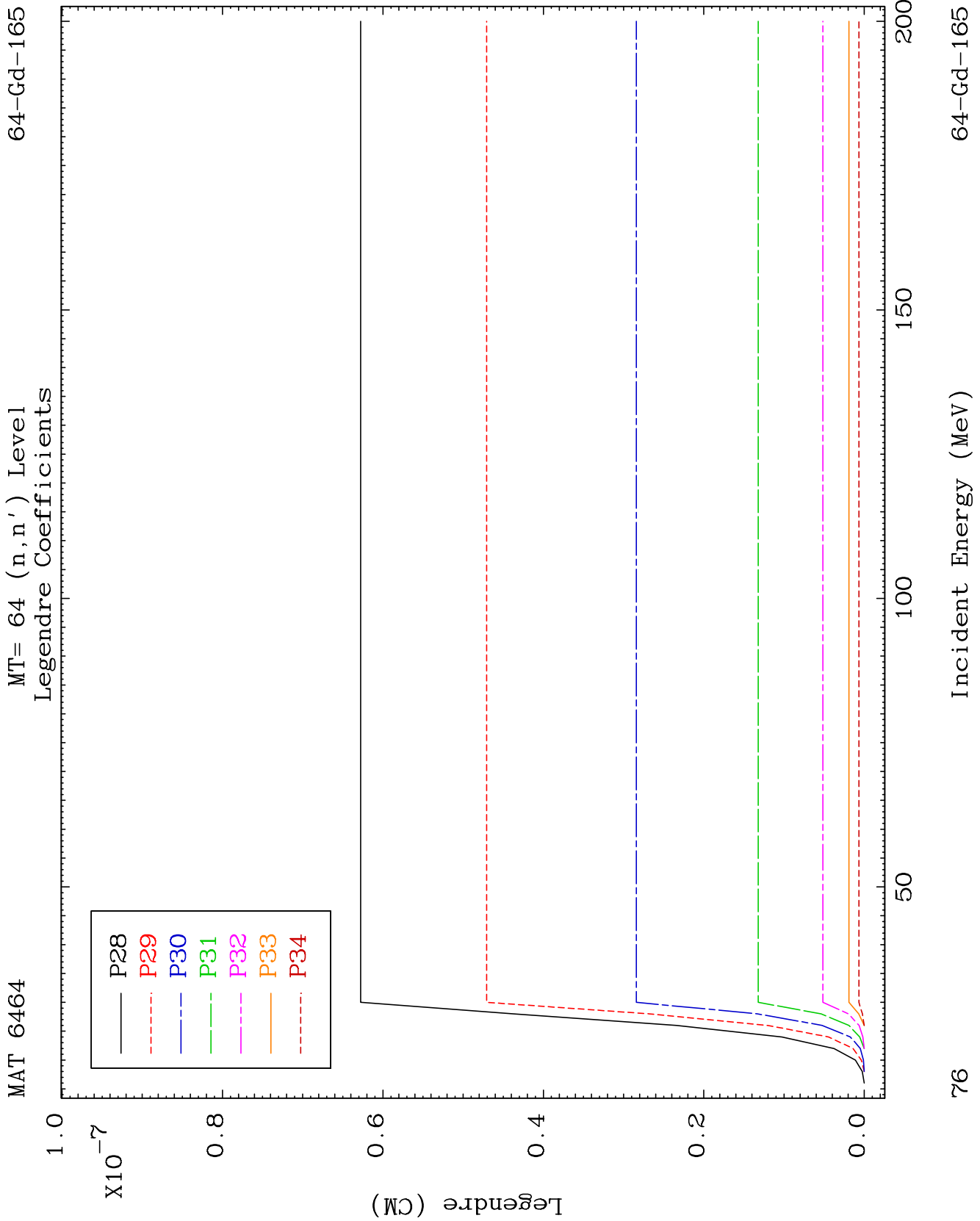
64-Gd-165



75

Incident Energy (MeV)

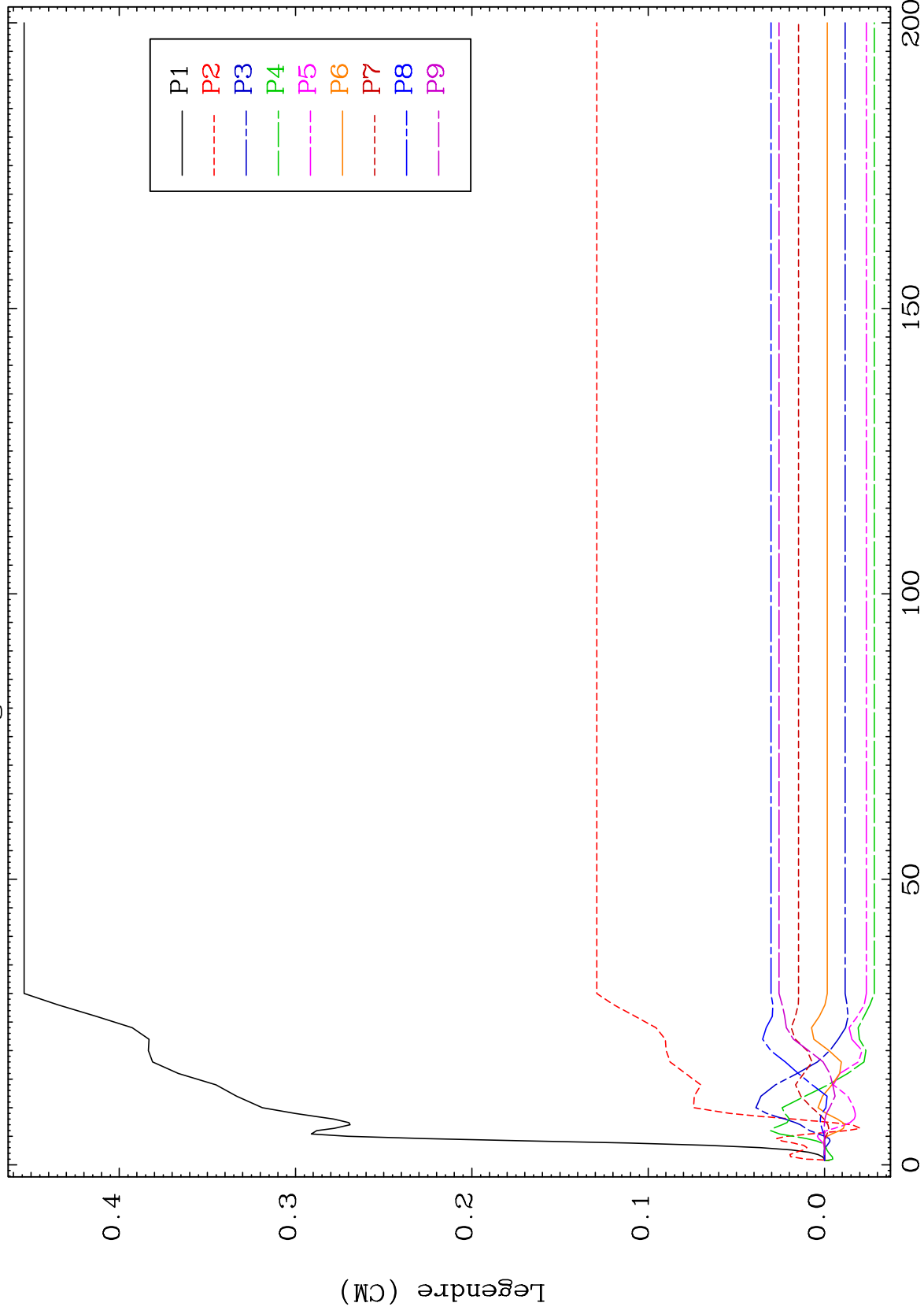
64-Gd-165



MAT 6464

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

64-Gd-165



77

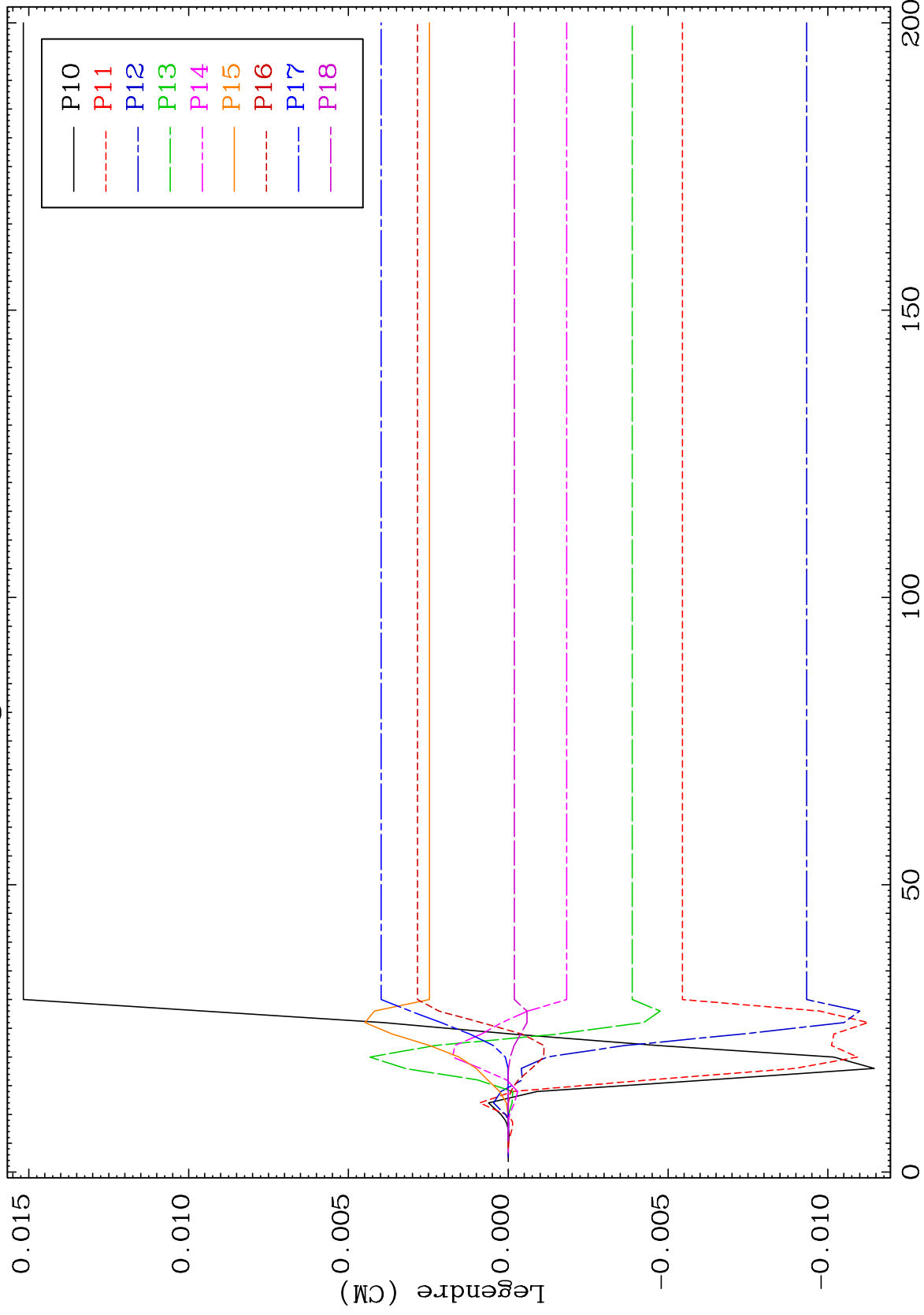
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

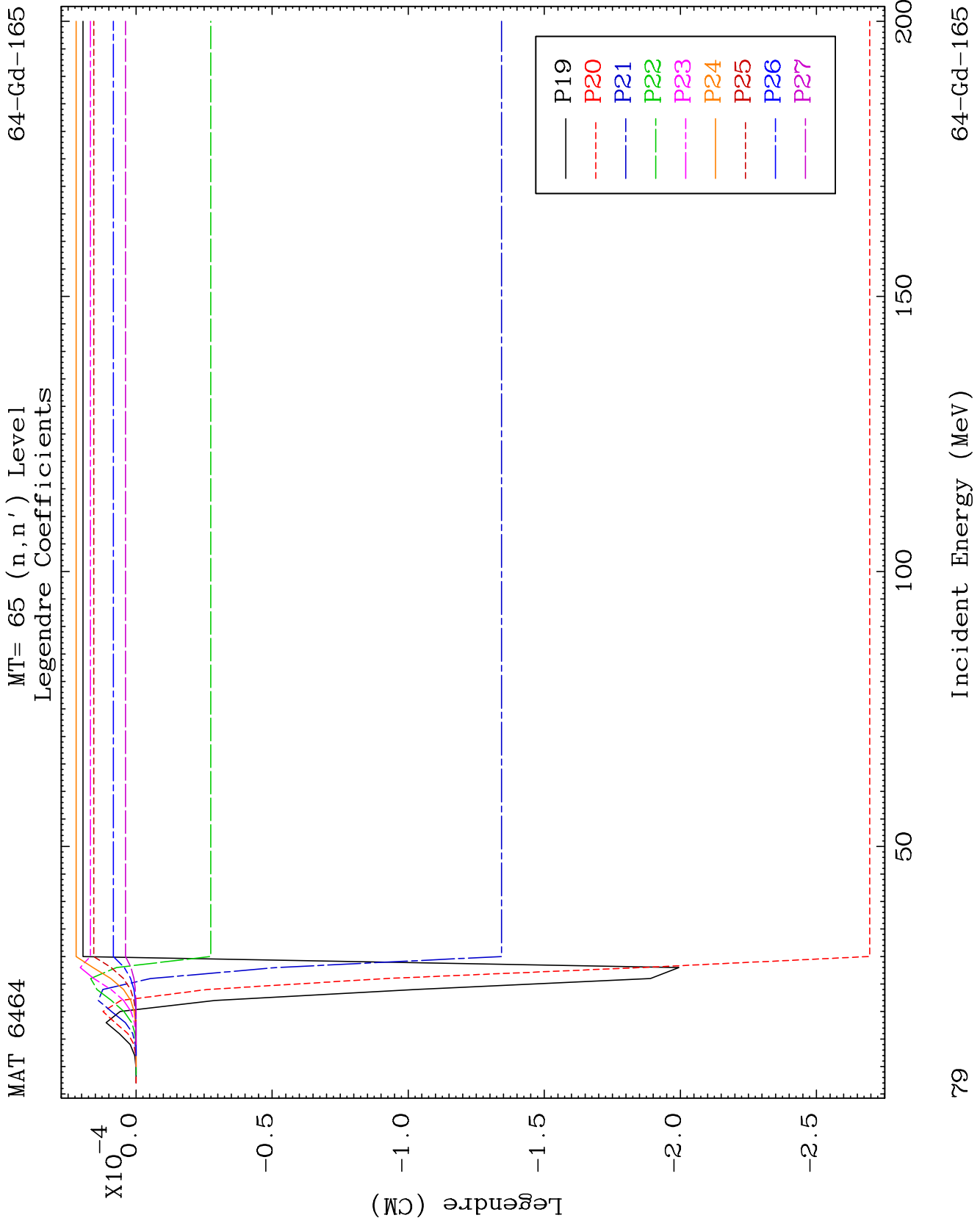
64-Gd-165



78

Incident Energy (MeV)

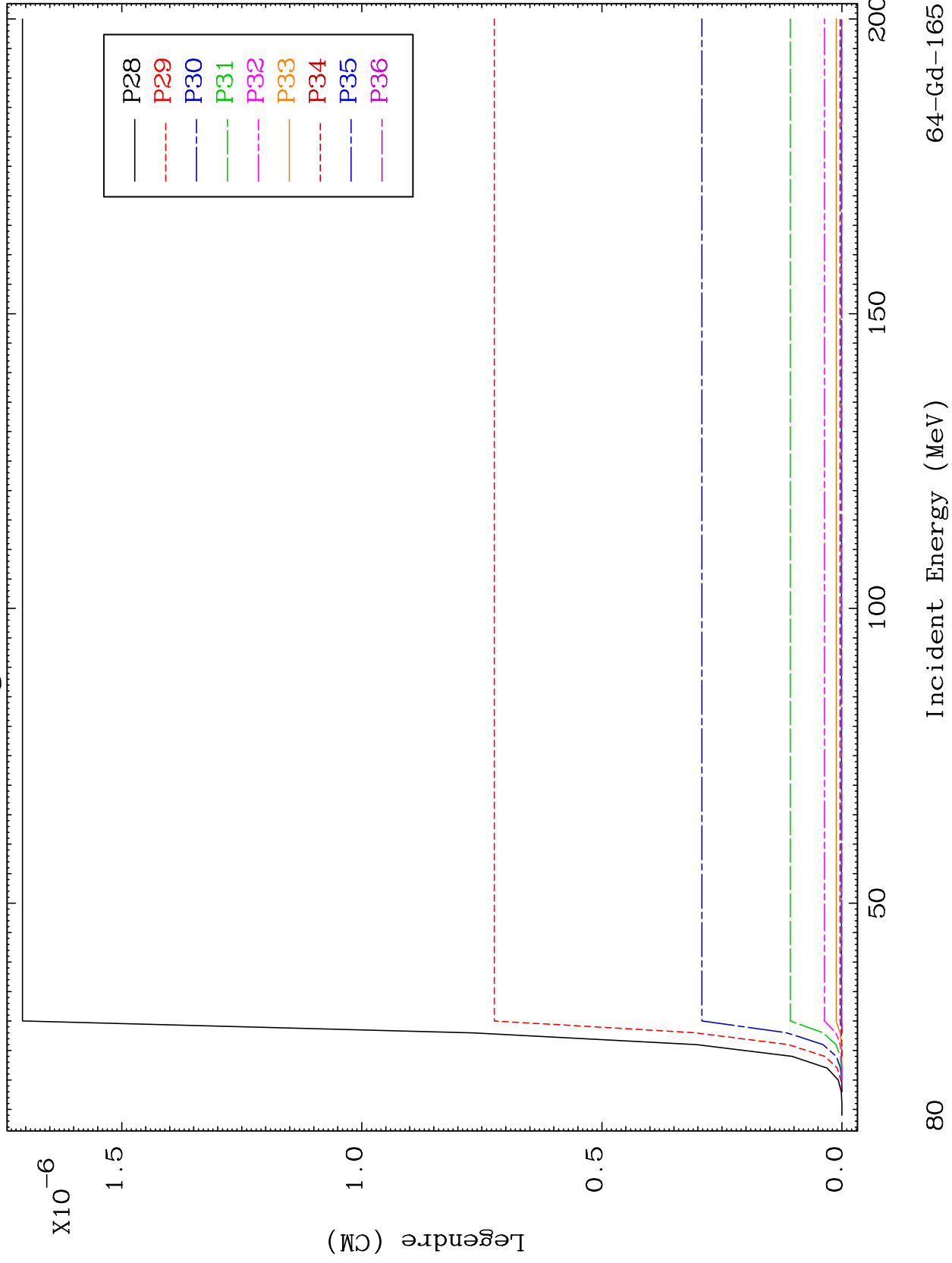
64-Gd-165



MAT 6464

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

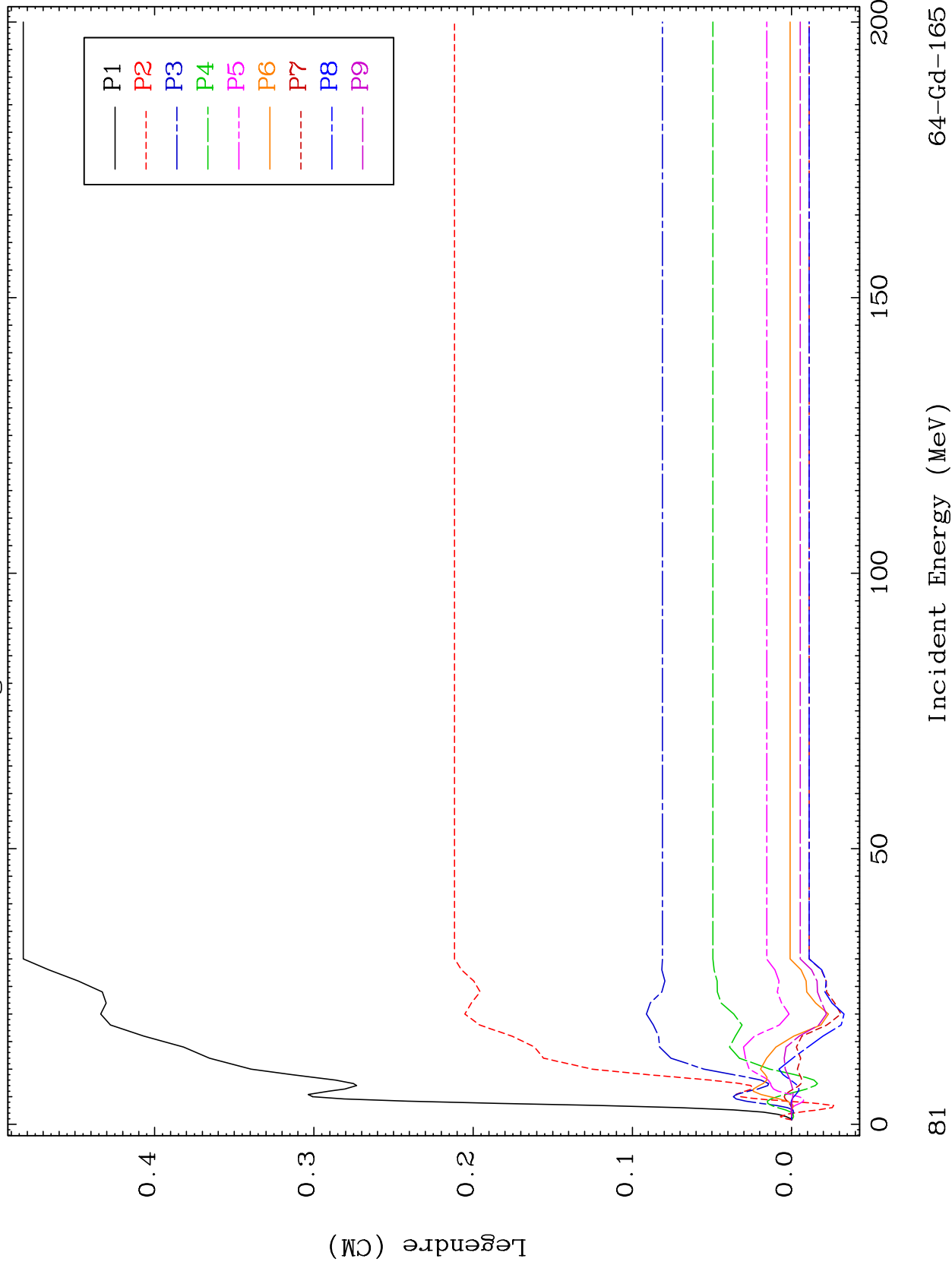
64-Gd-165



MAT 6464

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

64-Gd-165



64-Gd-165

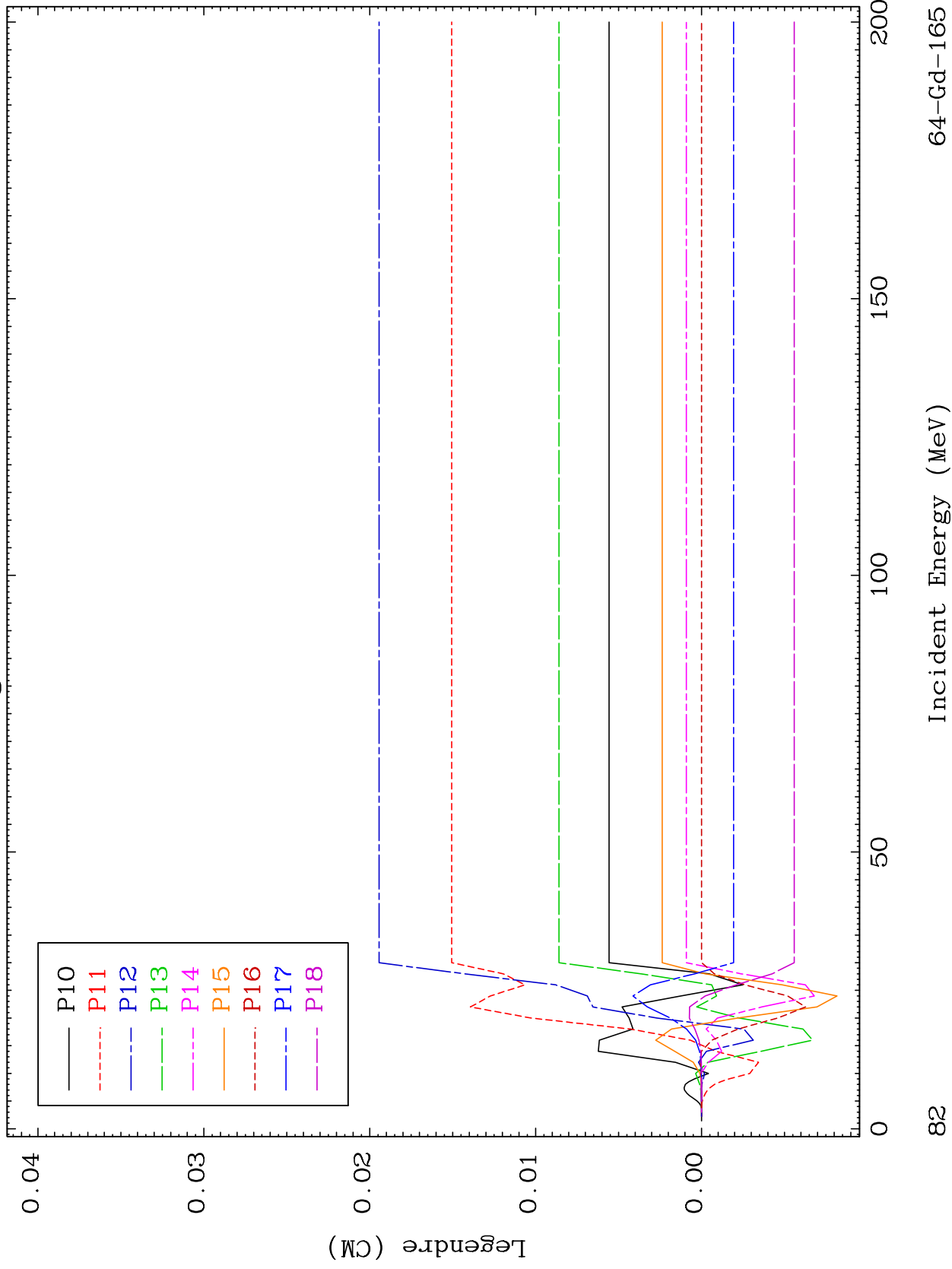
Incident Energy (MeV)

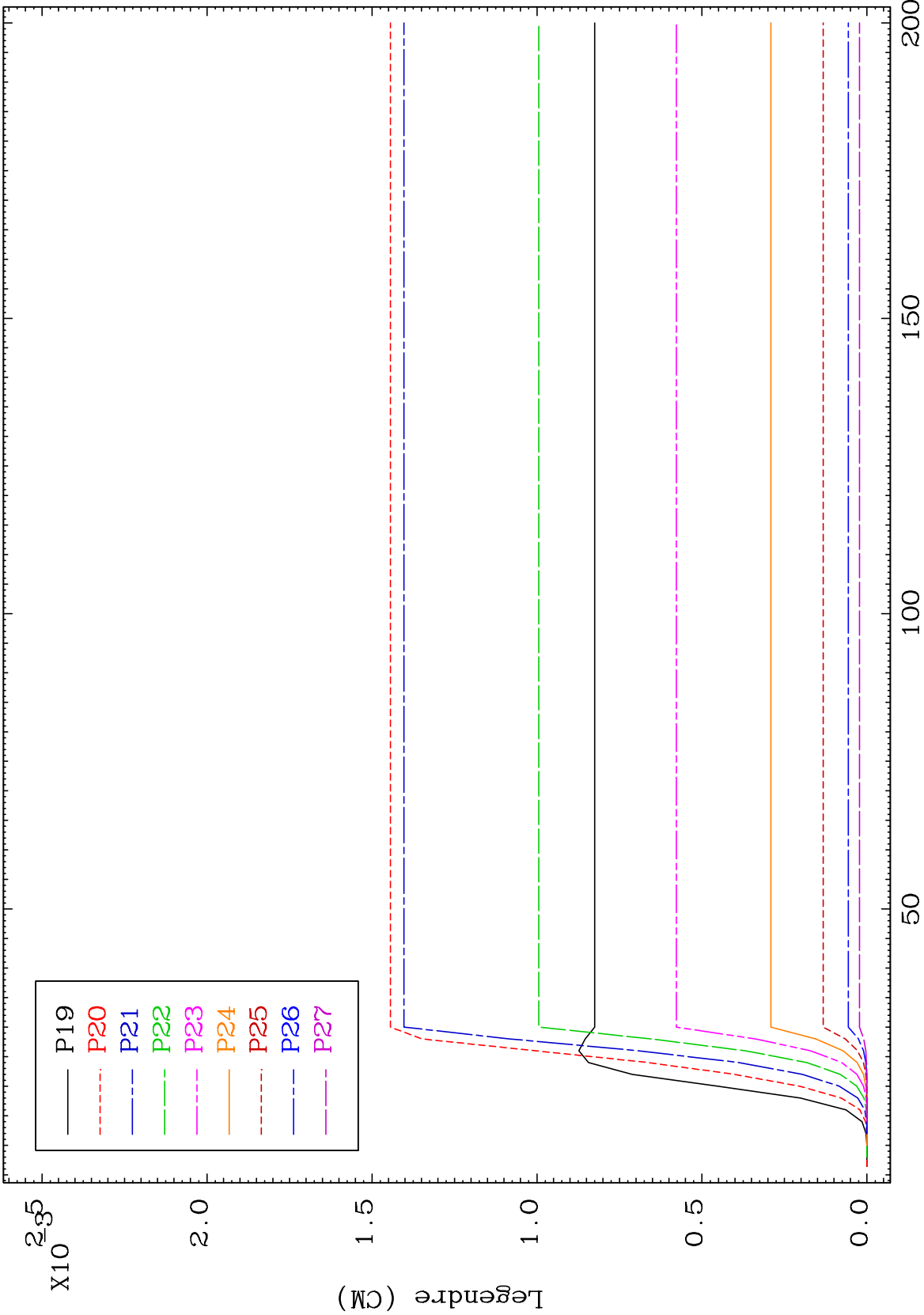
81

MAT 6464

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

64-Gd-165

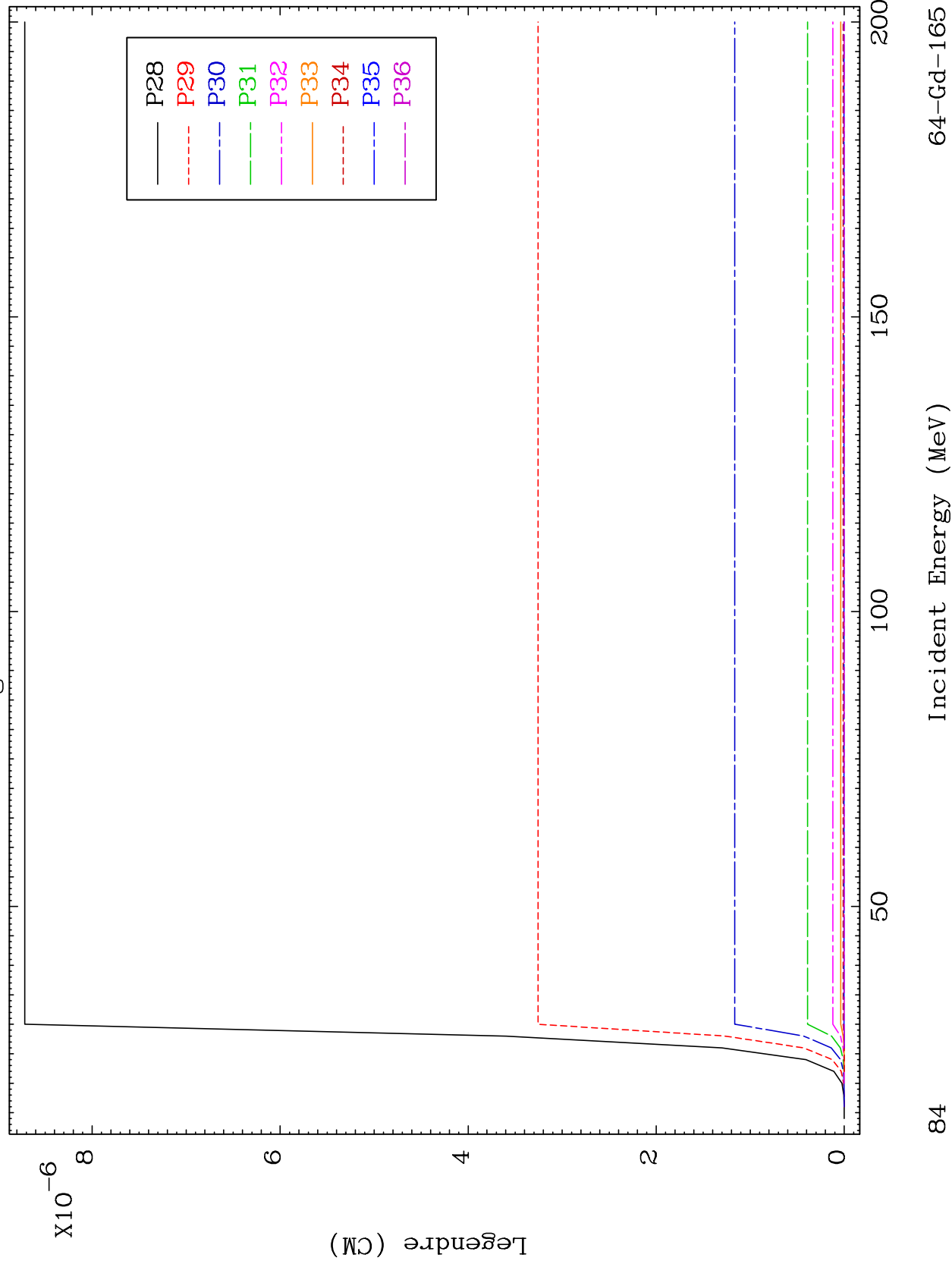




MAT 6464

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

64-Gd-165



84

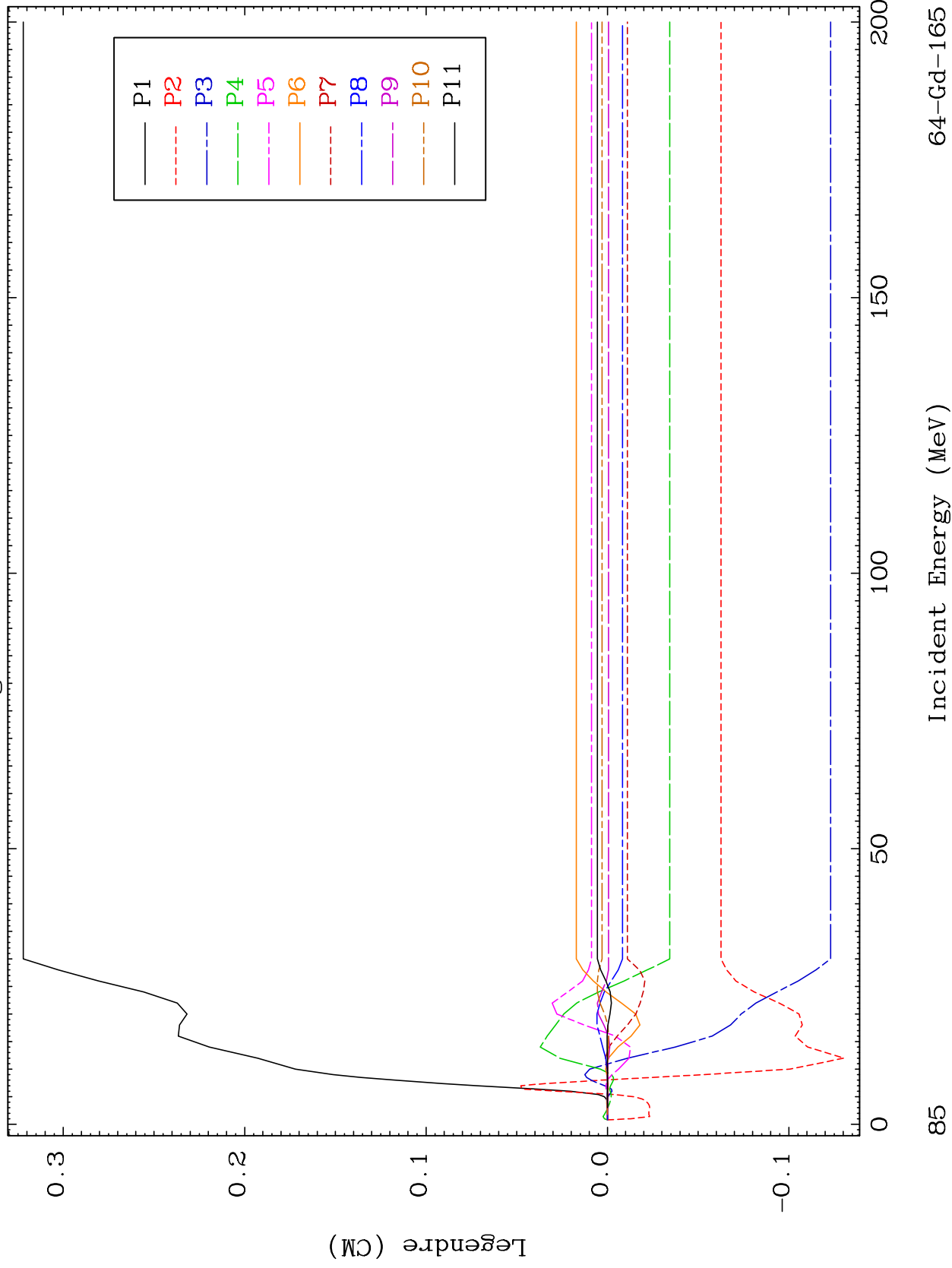
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

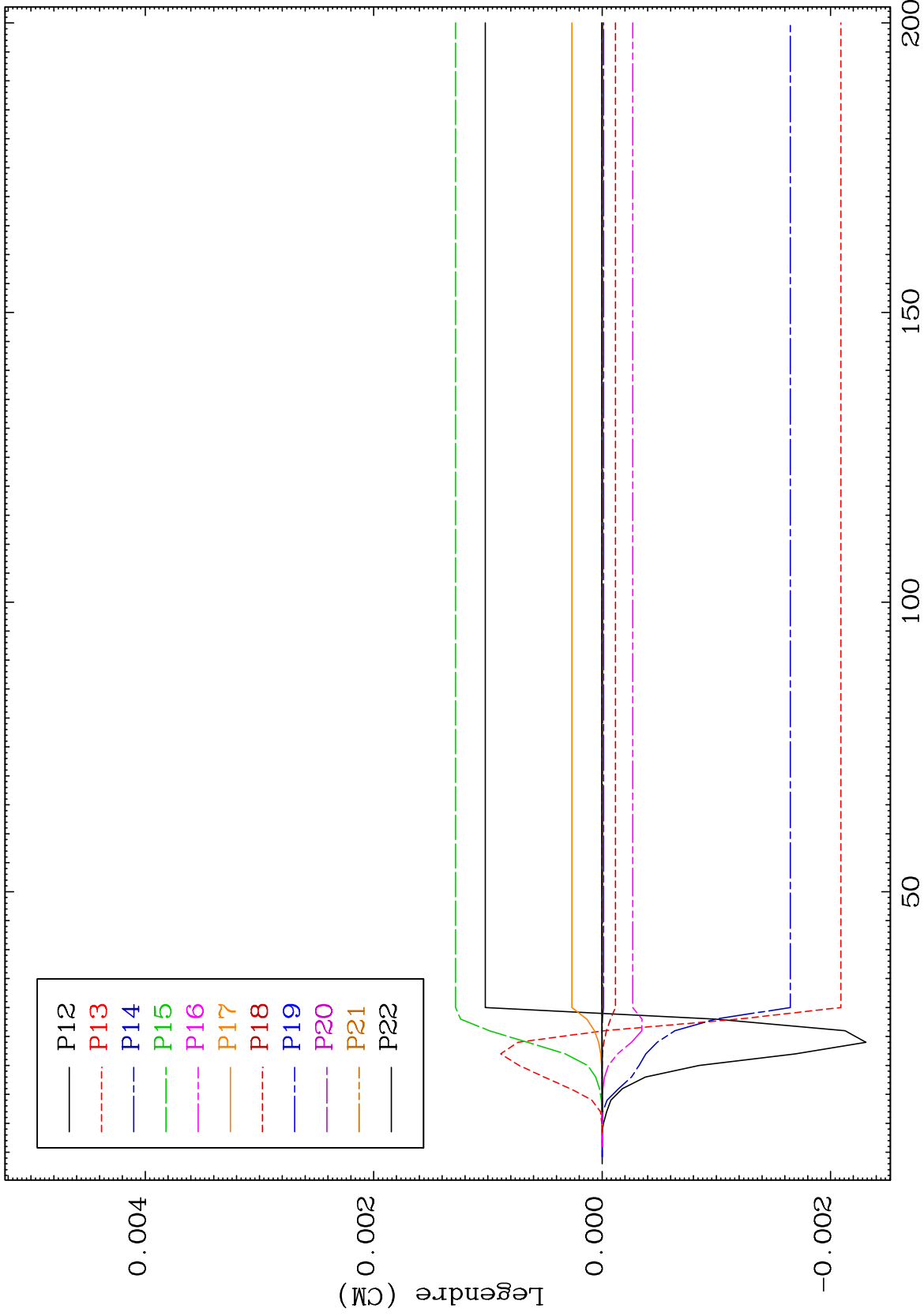
64-Gd-165



64-Gd-165

Incident Energy (MeV)

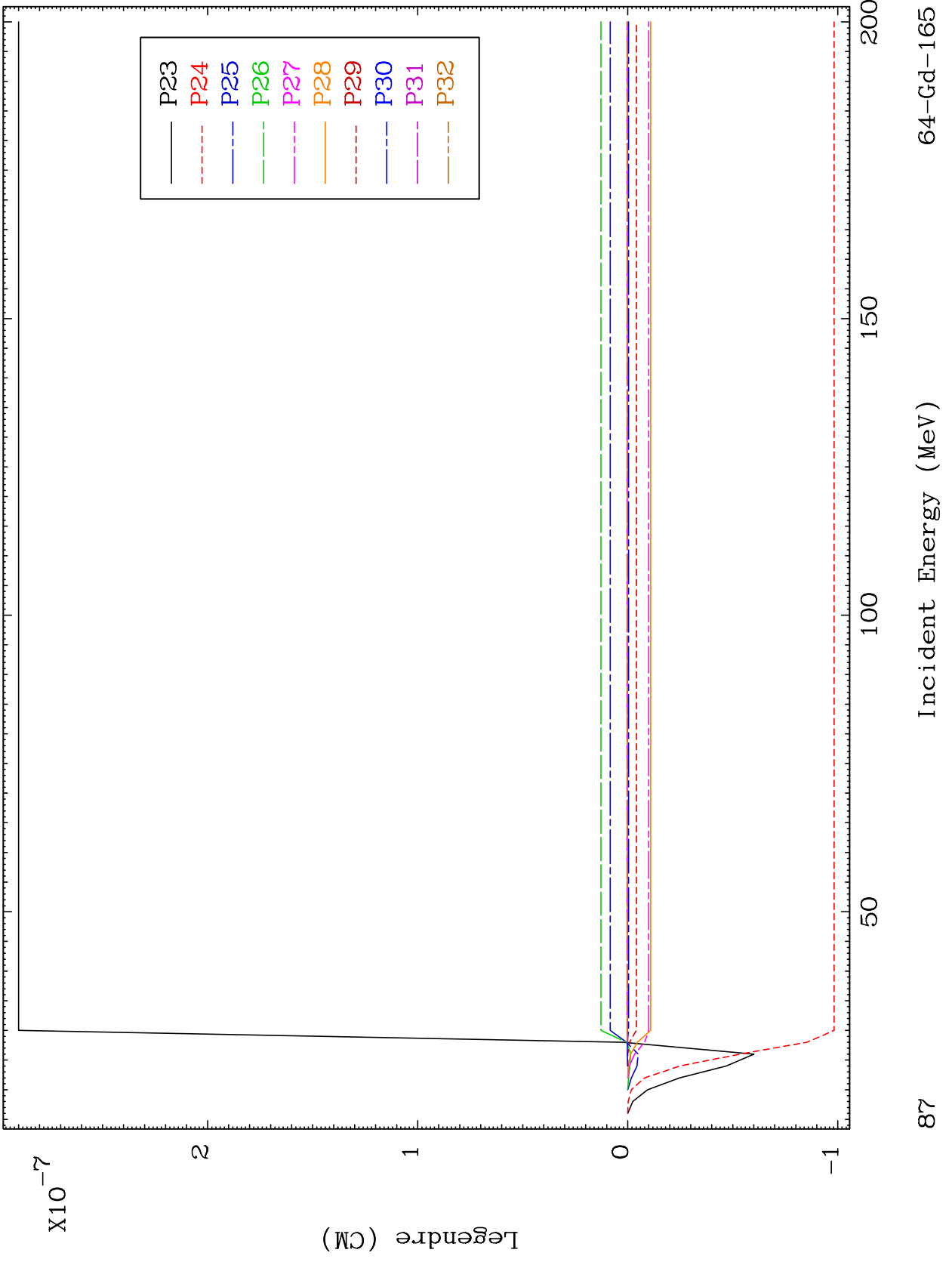
85



MAT 6464

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

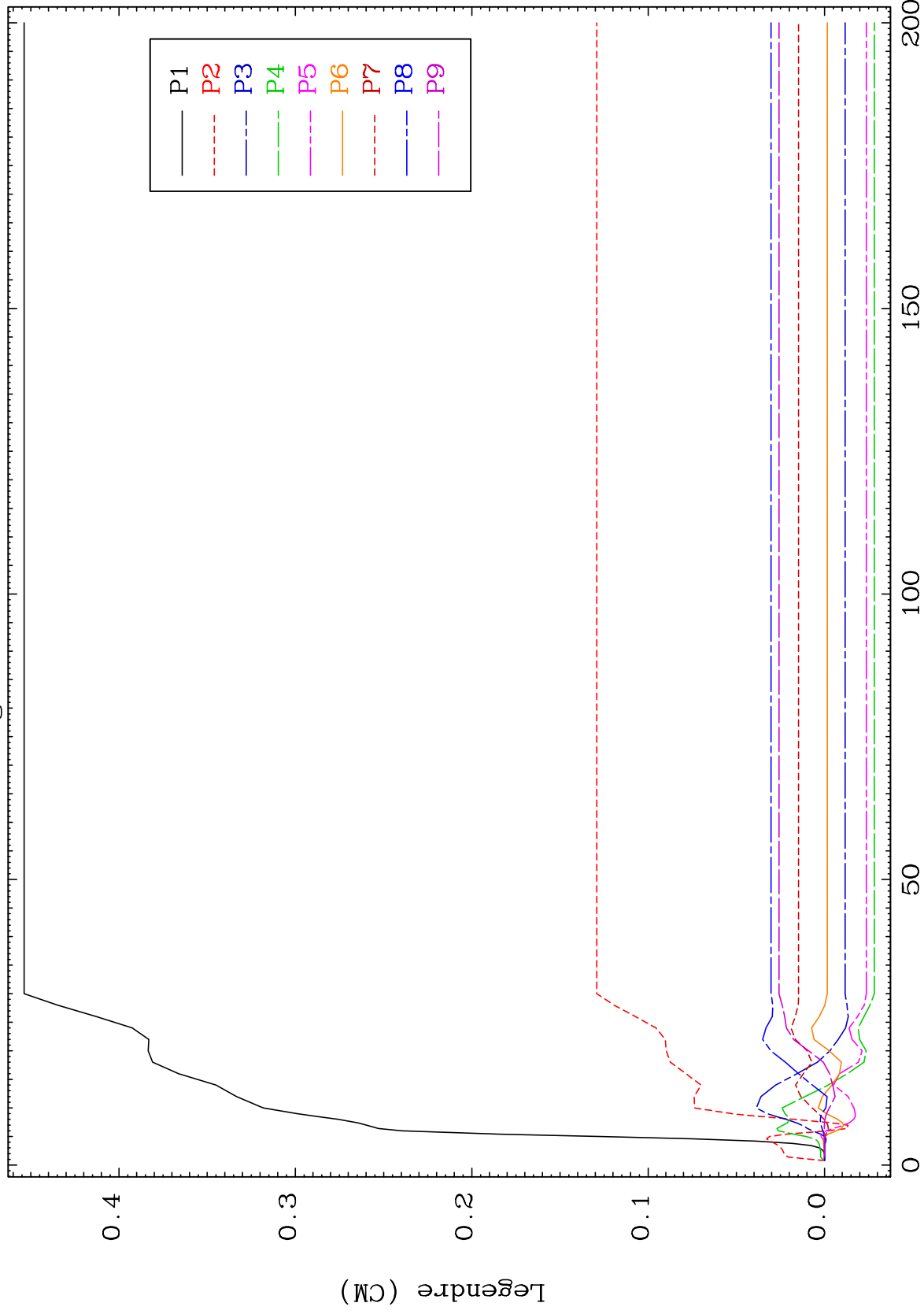
64-Gd-165



MAT 6464

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

64-Gd-165



88

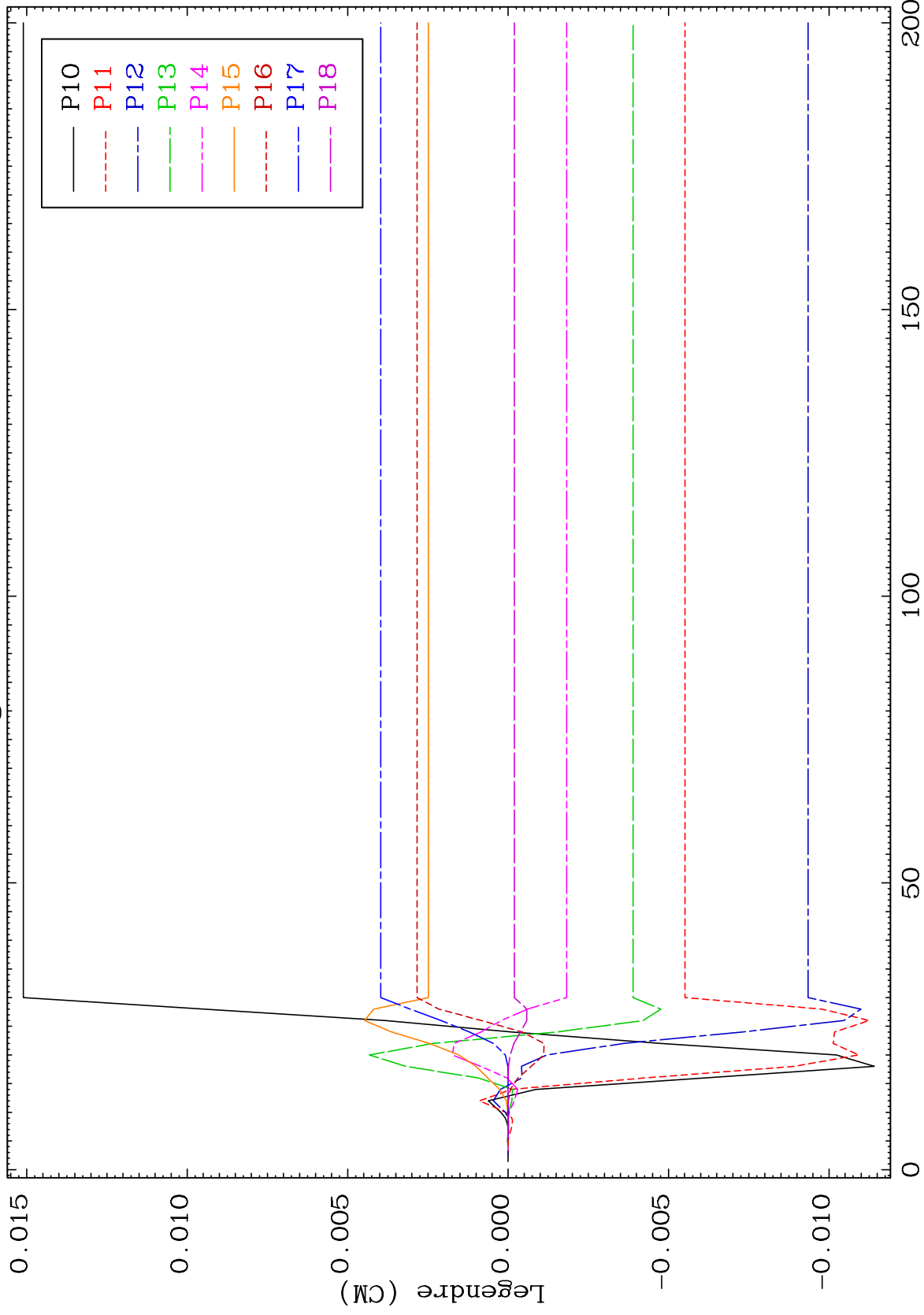
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

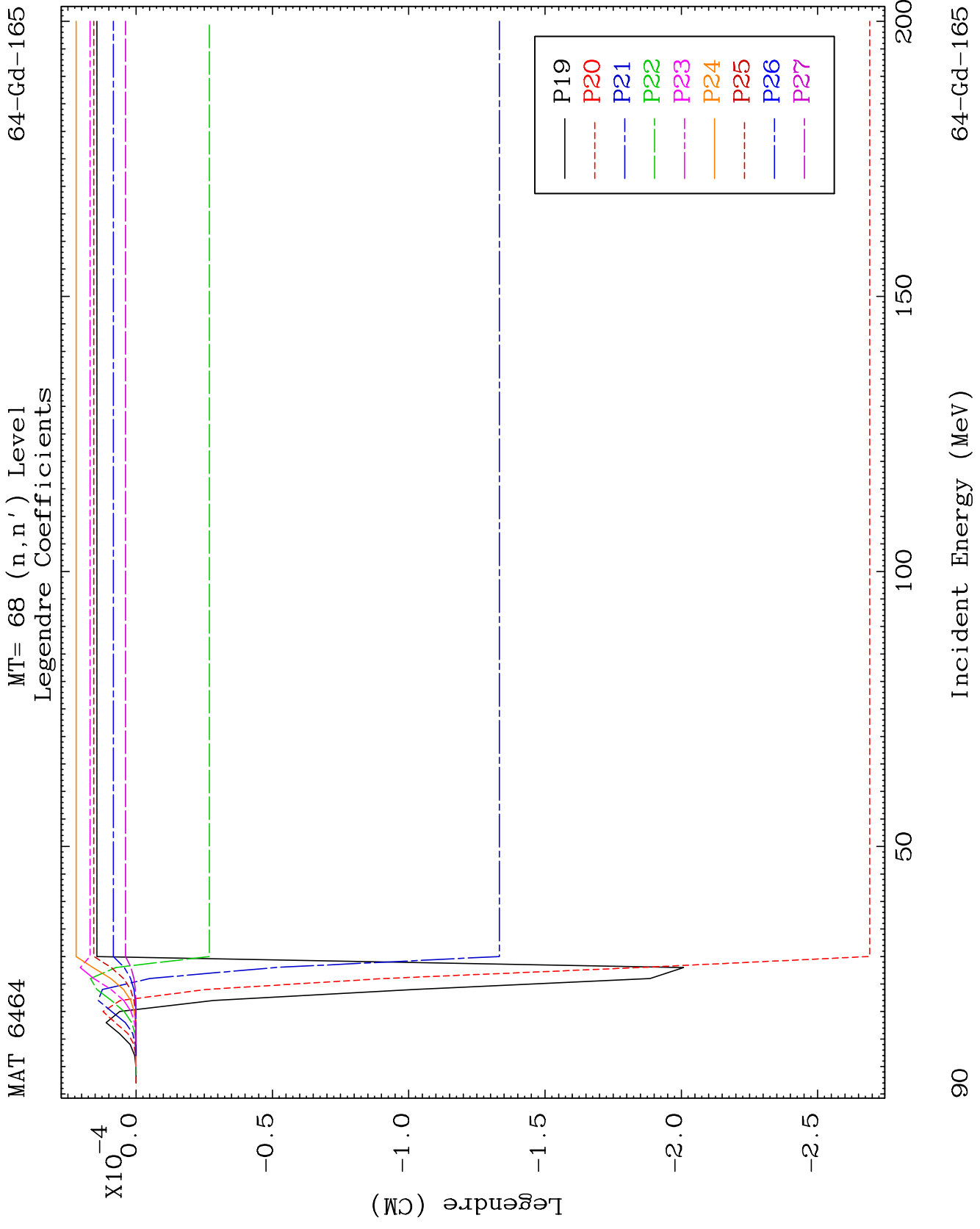
64-Gd-165



89

Incident Energy (MeV)

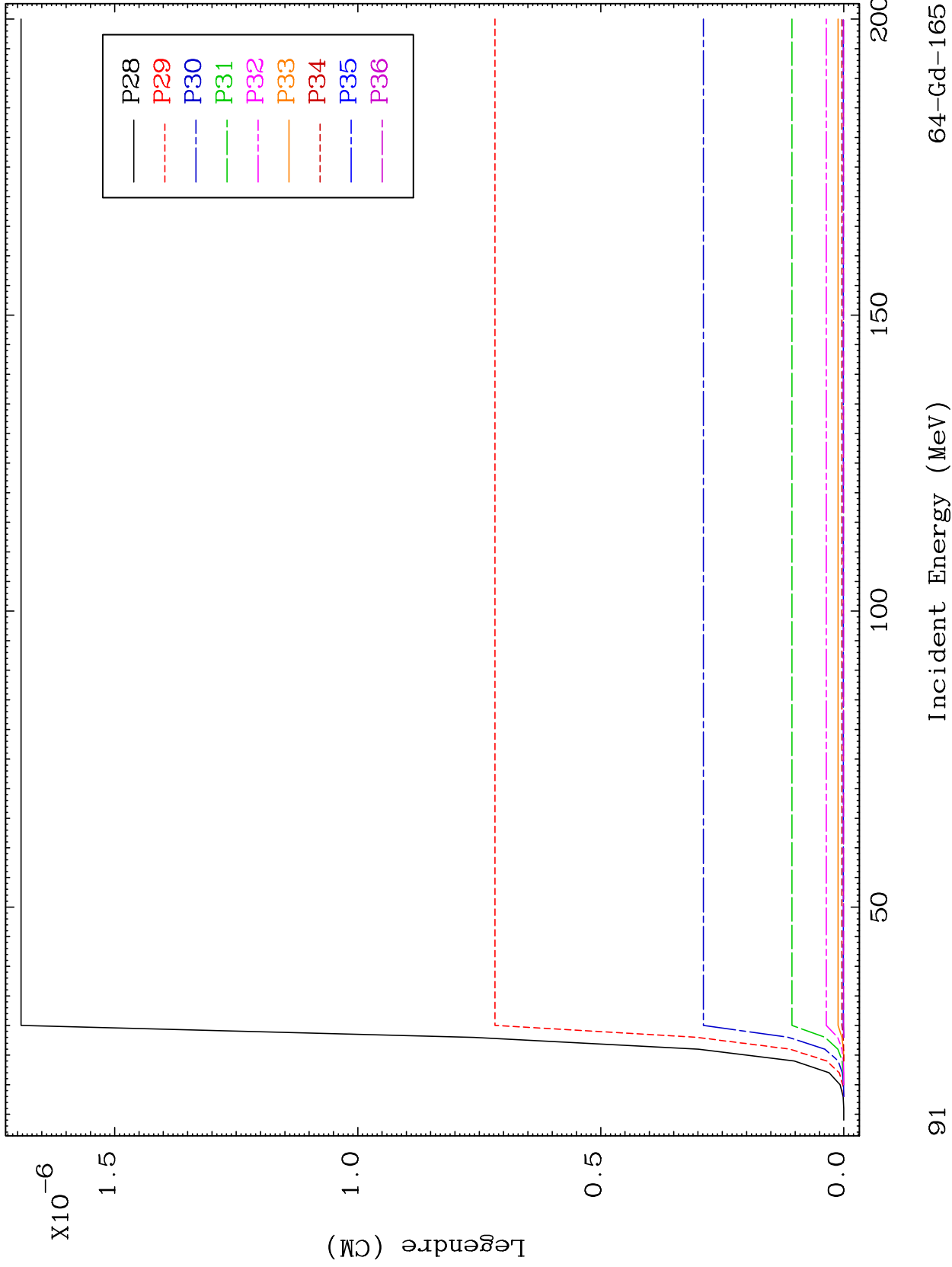
64-Gd-165



MAT 6464

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

64-Gd-165



91

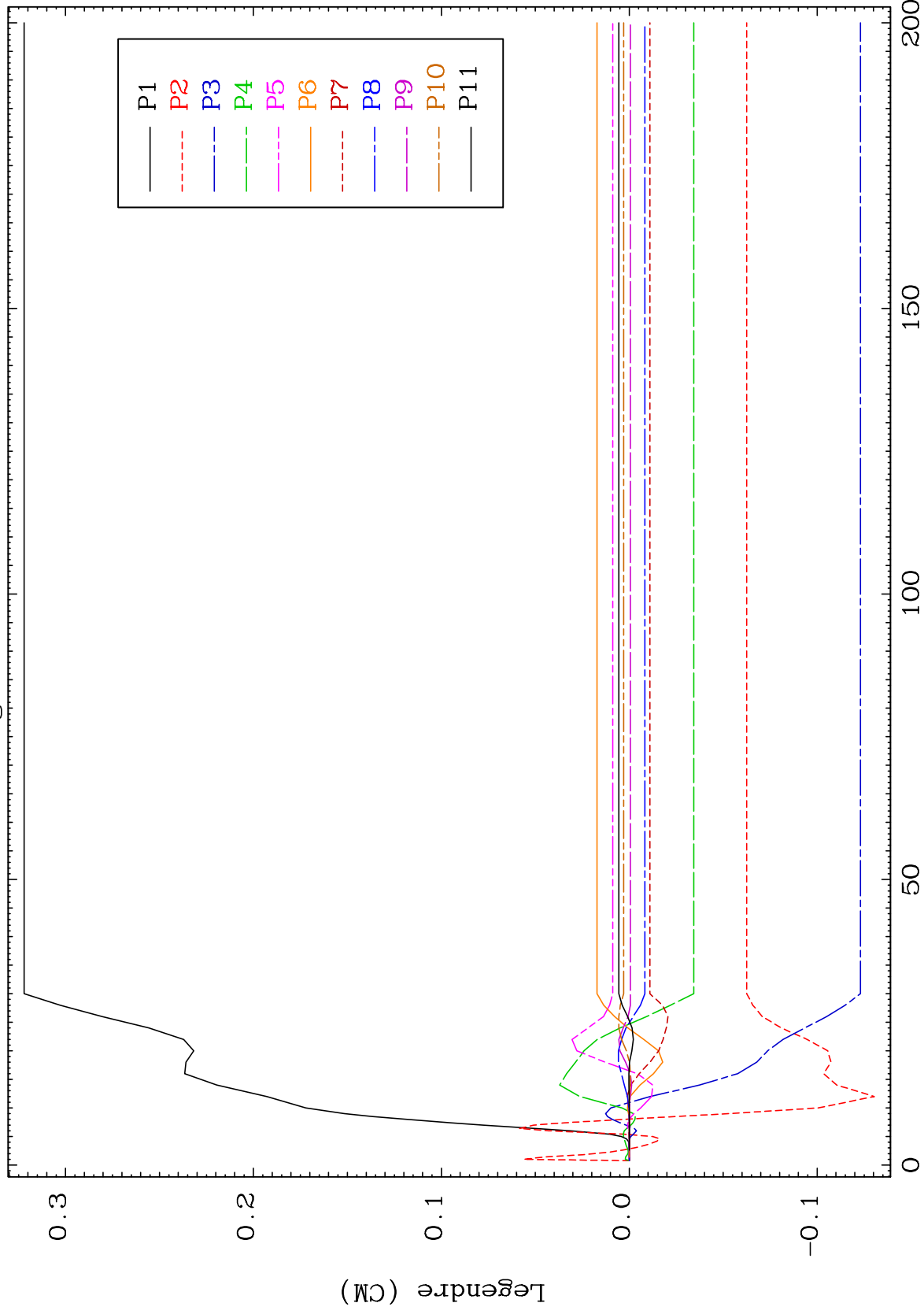
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



92

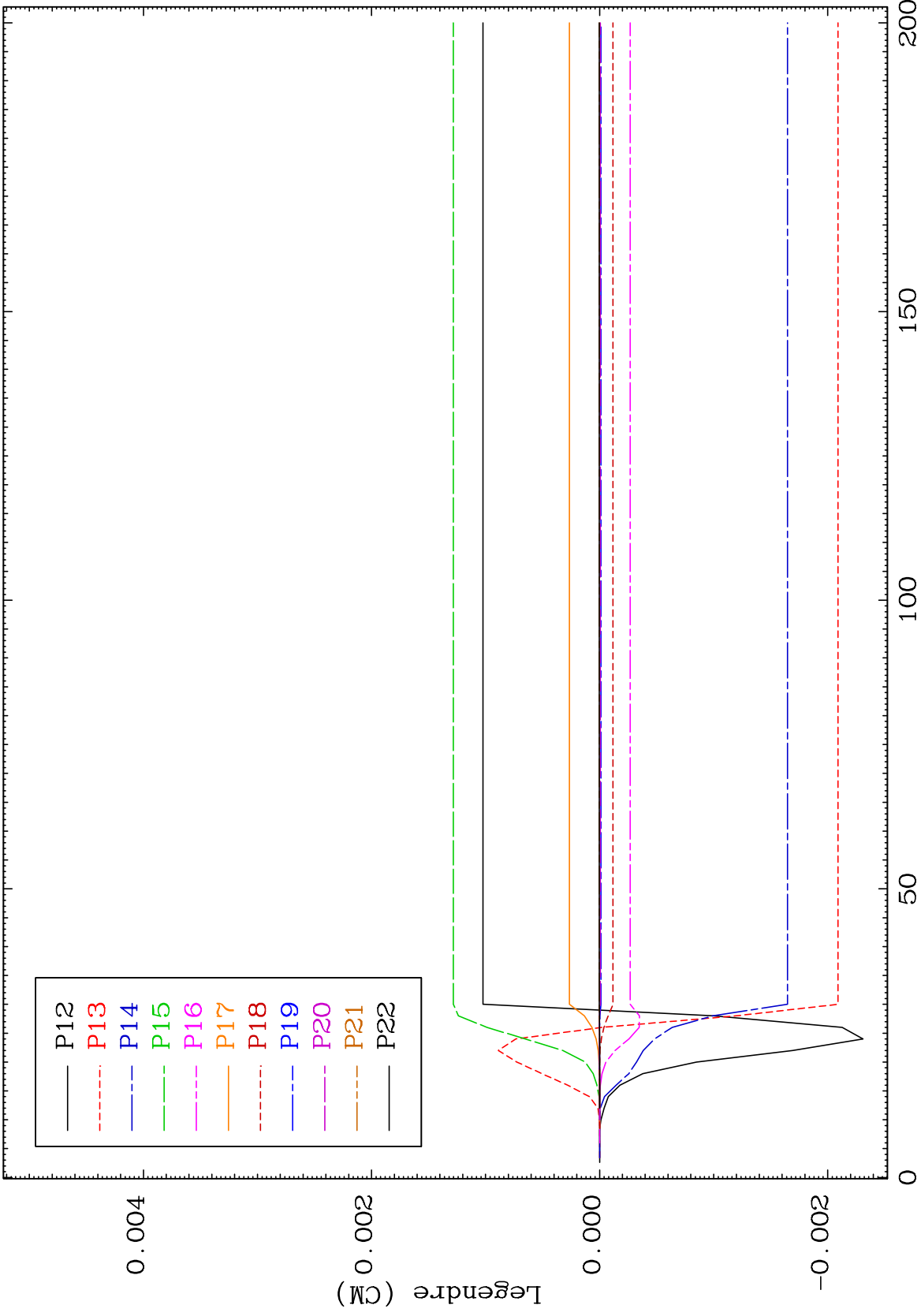
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



93

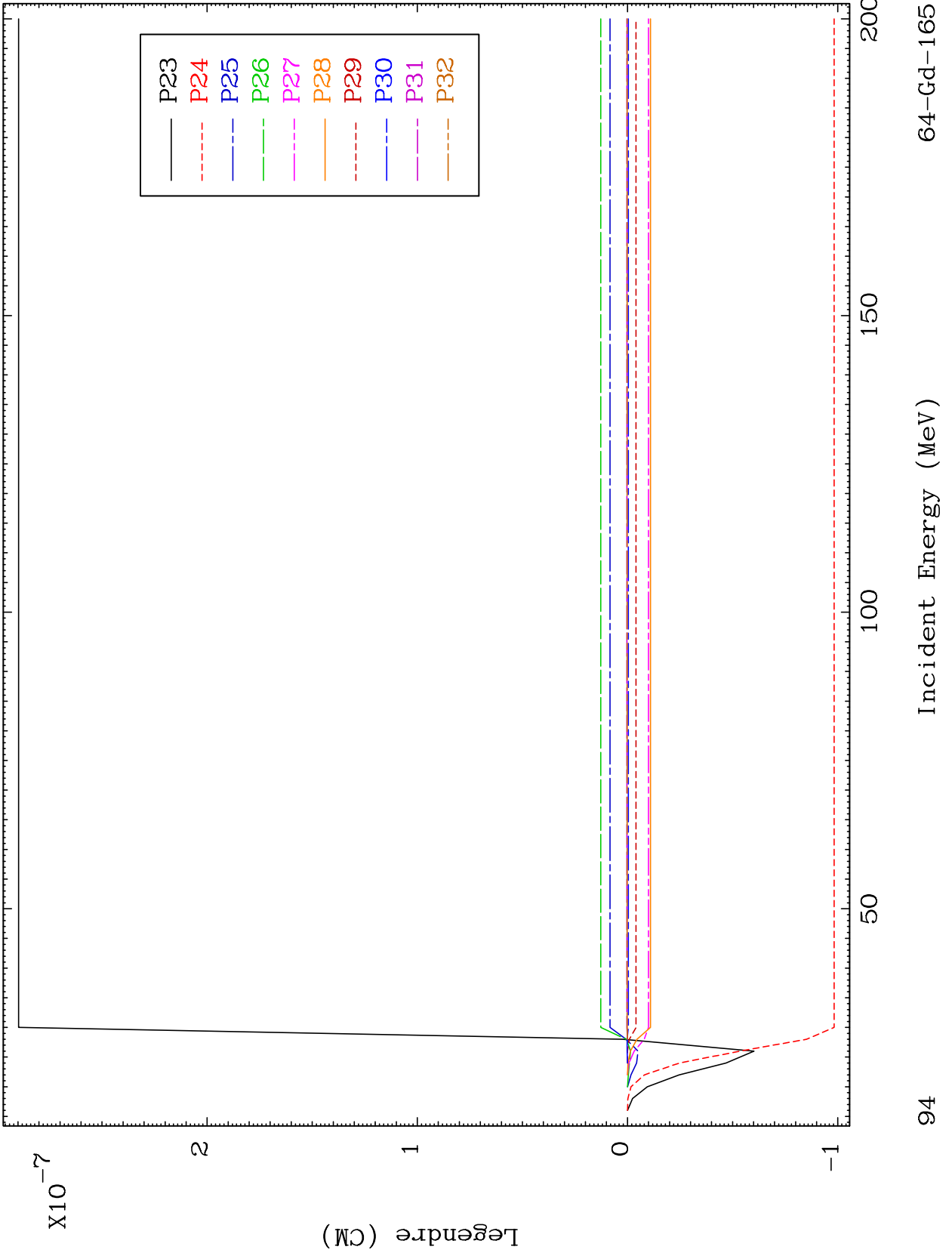
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



94

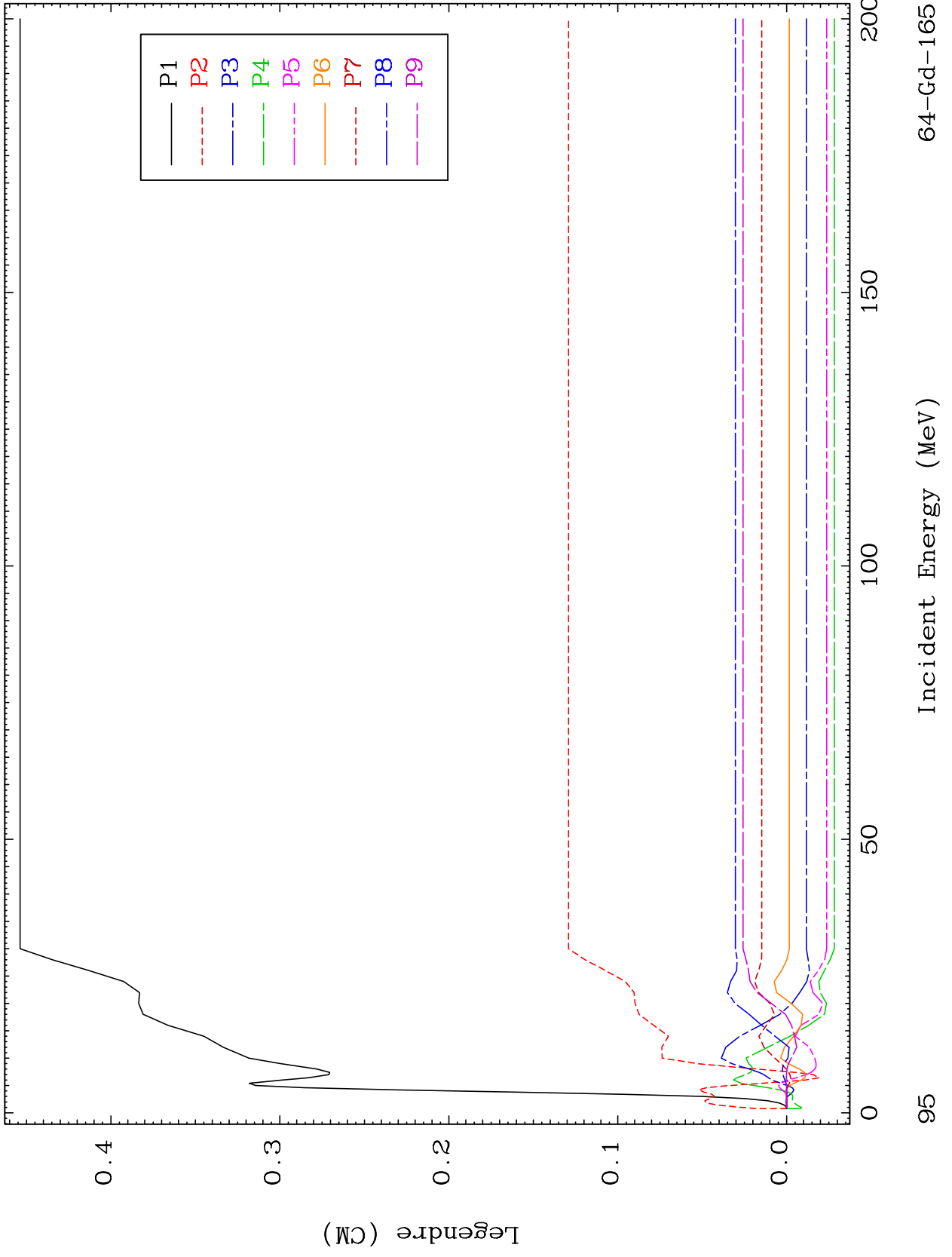
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



64-Gd-165

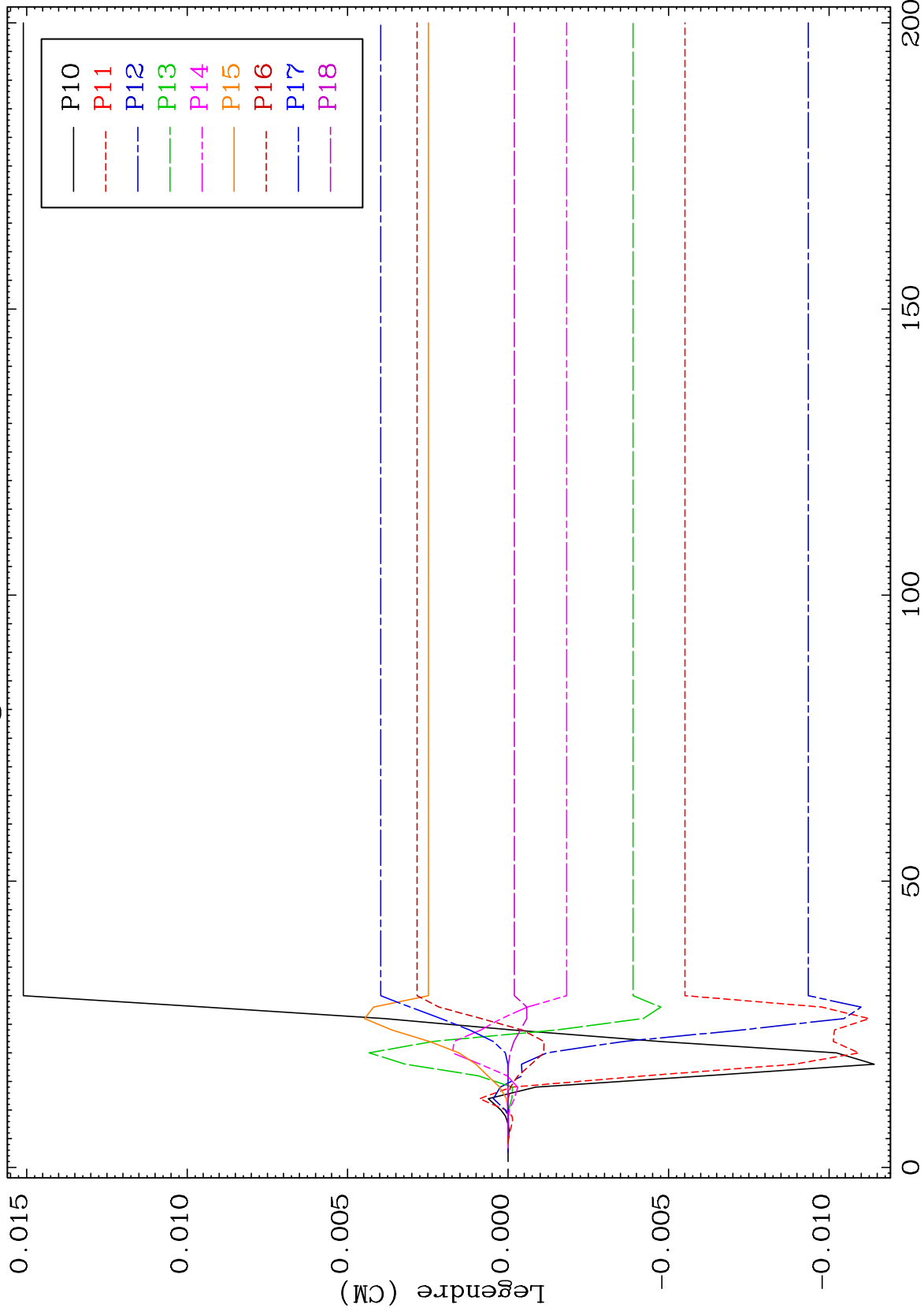
Incident Energy (MeV)

95

MAT 6464

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

64-Gd-165



96

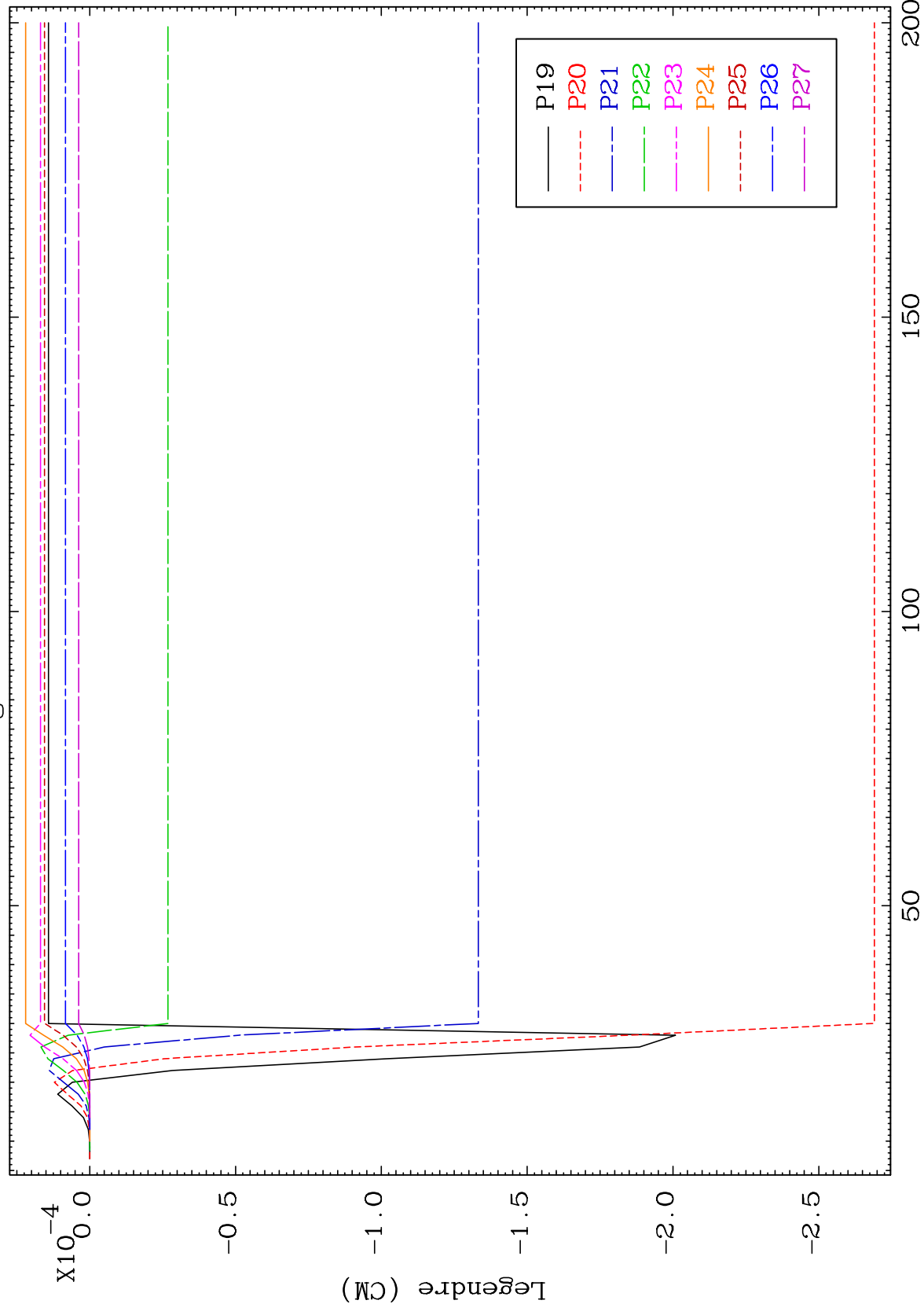
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

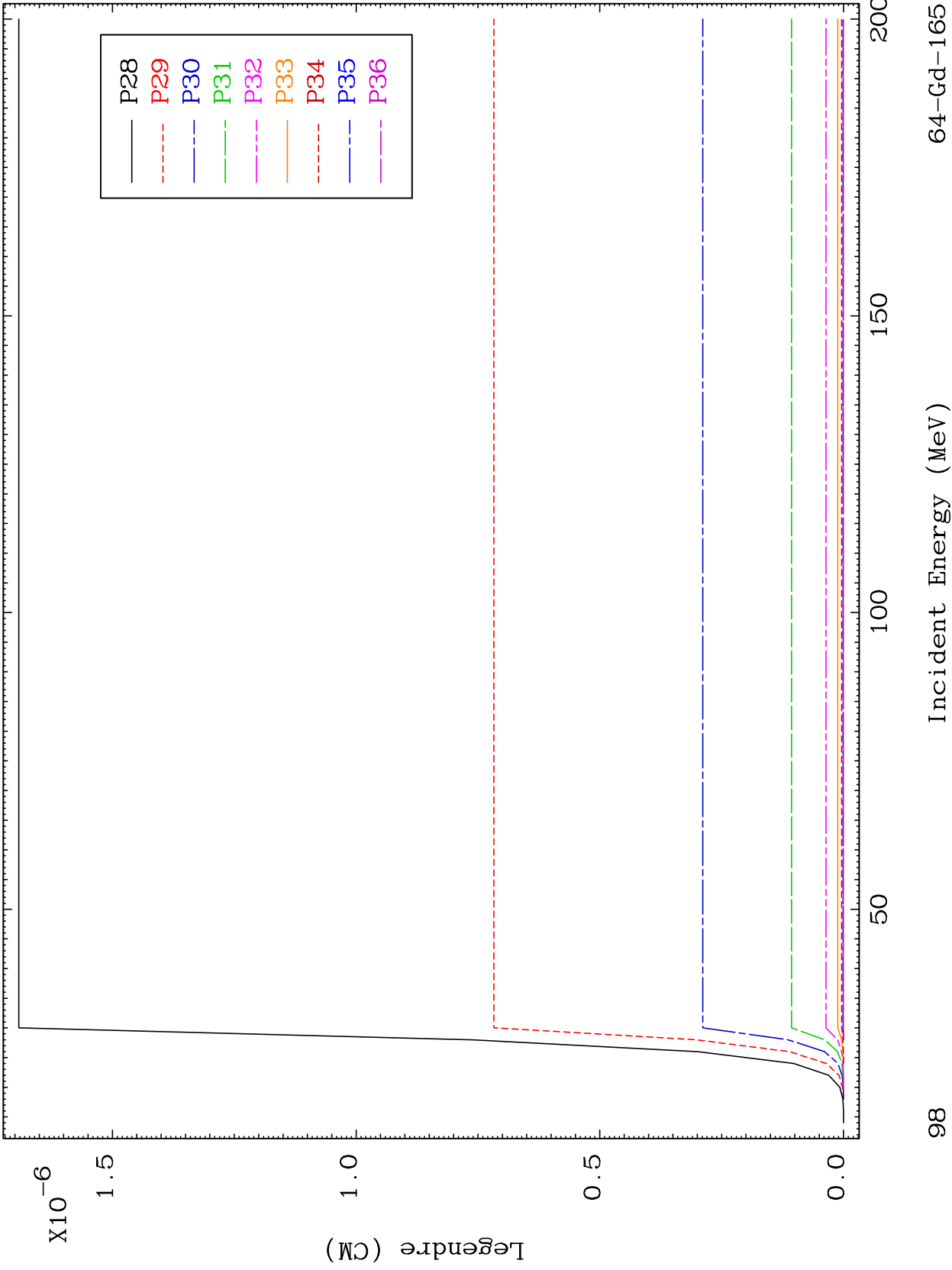
64-Gd-165



MAT 6464

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

64-Gd-165



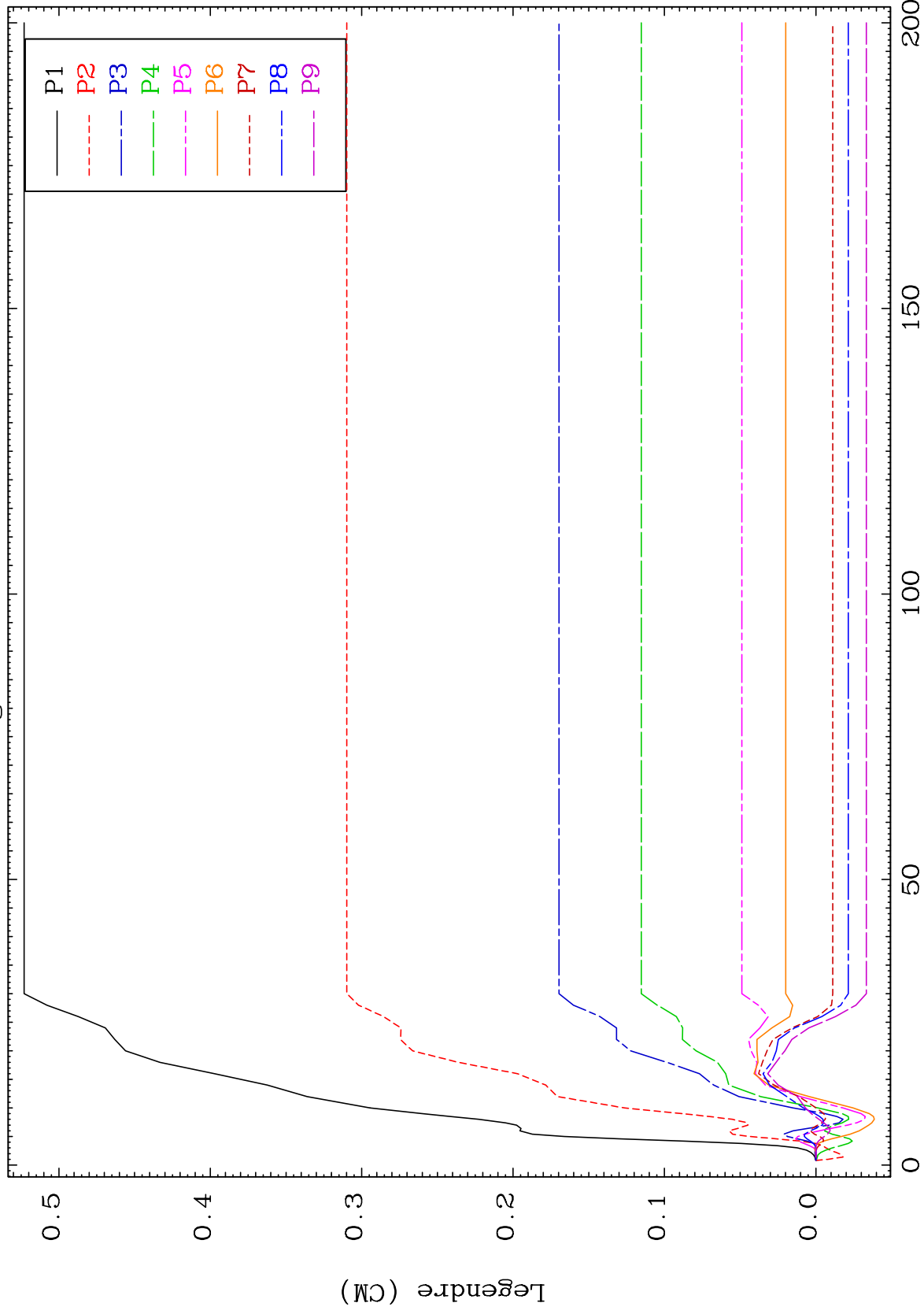
98

64-Gd-165

MAT 6464

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

64-Gd-165



99

Incident Energy (MeV)

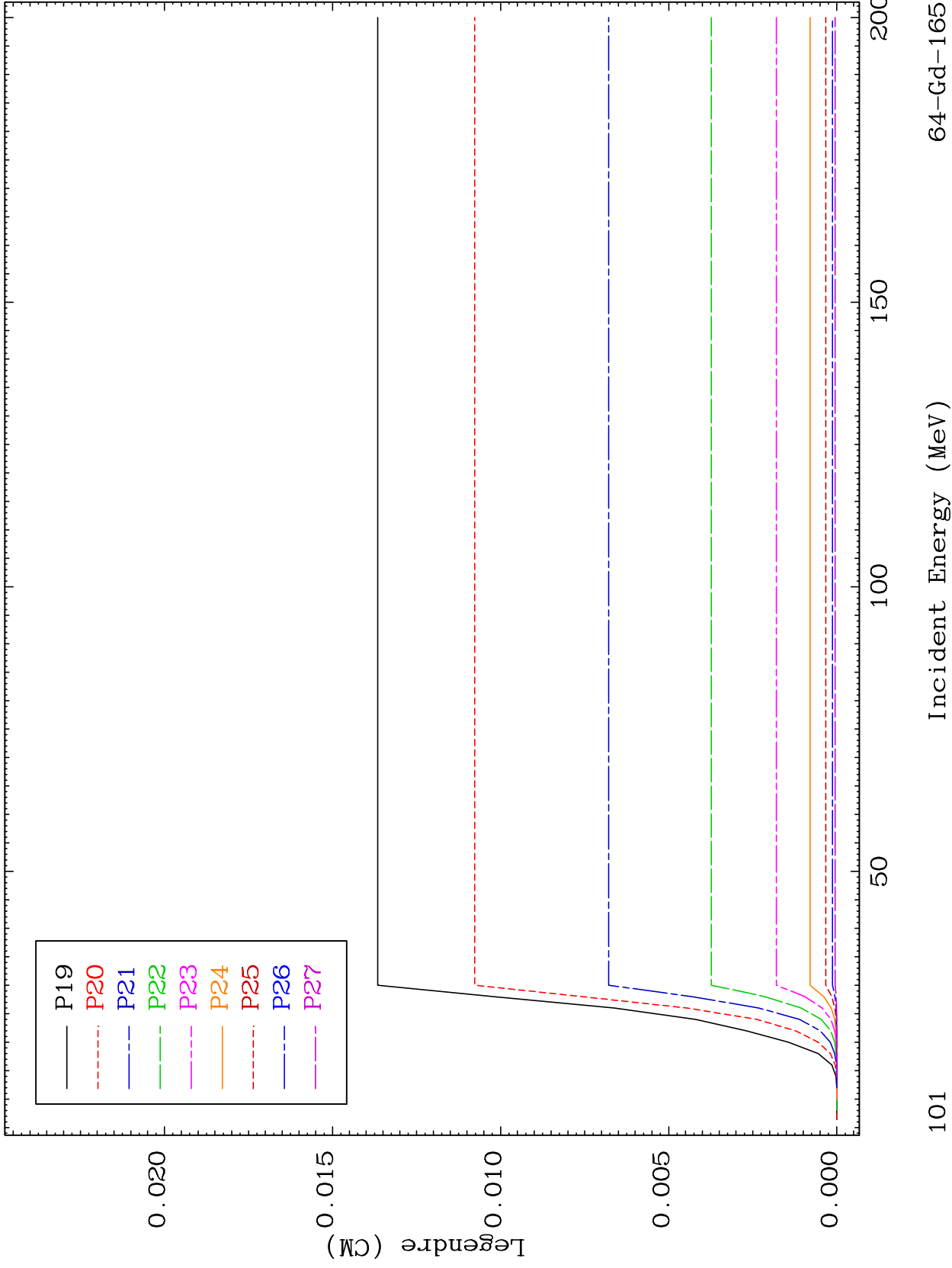
64-Gd-165



MAT 6464

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

64-Gd-165



101

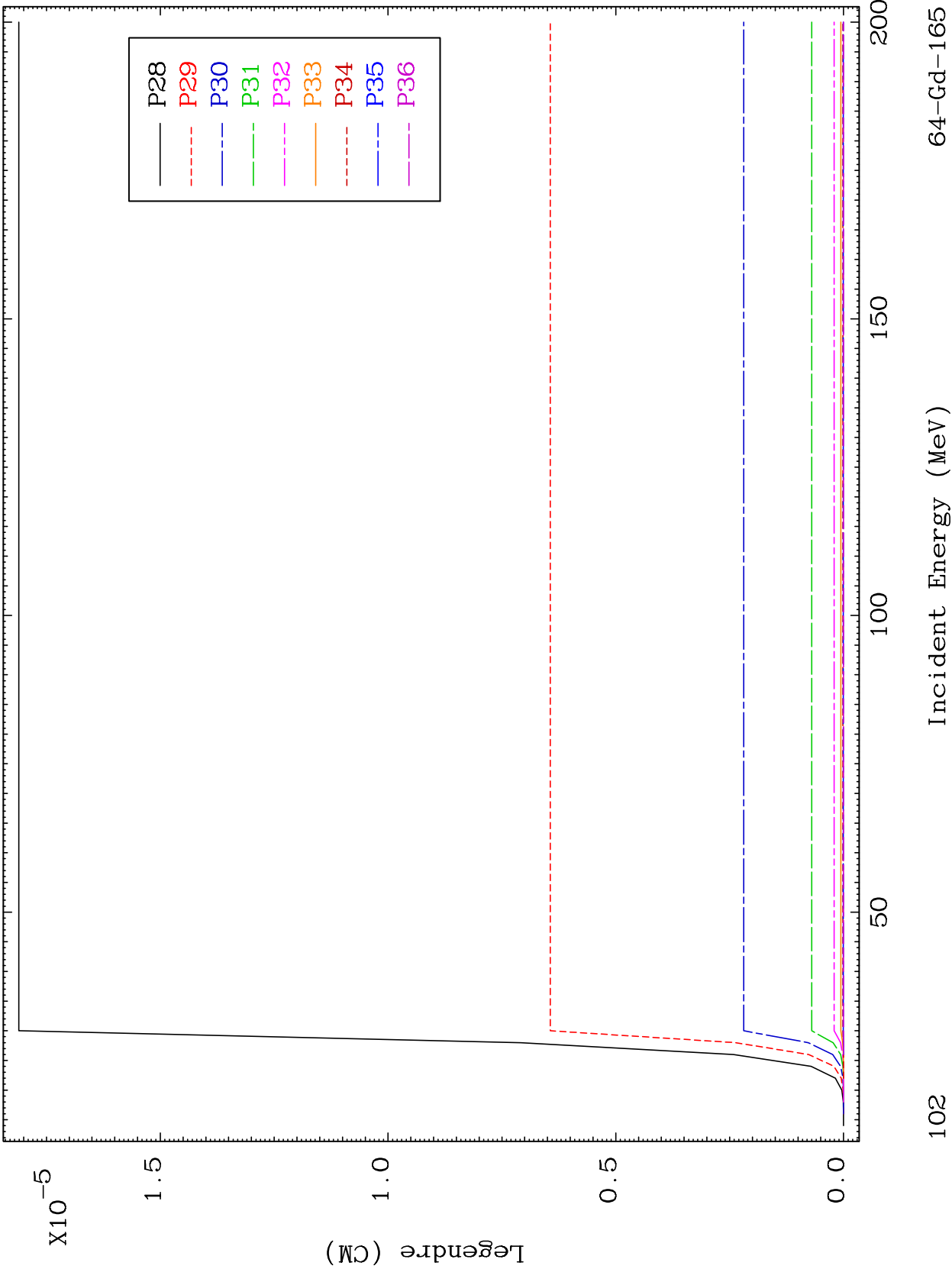
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



102

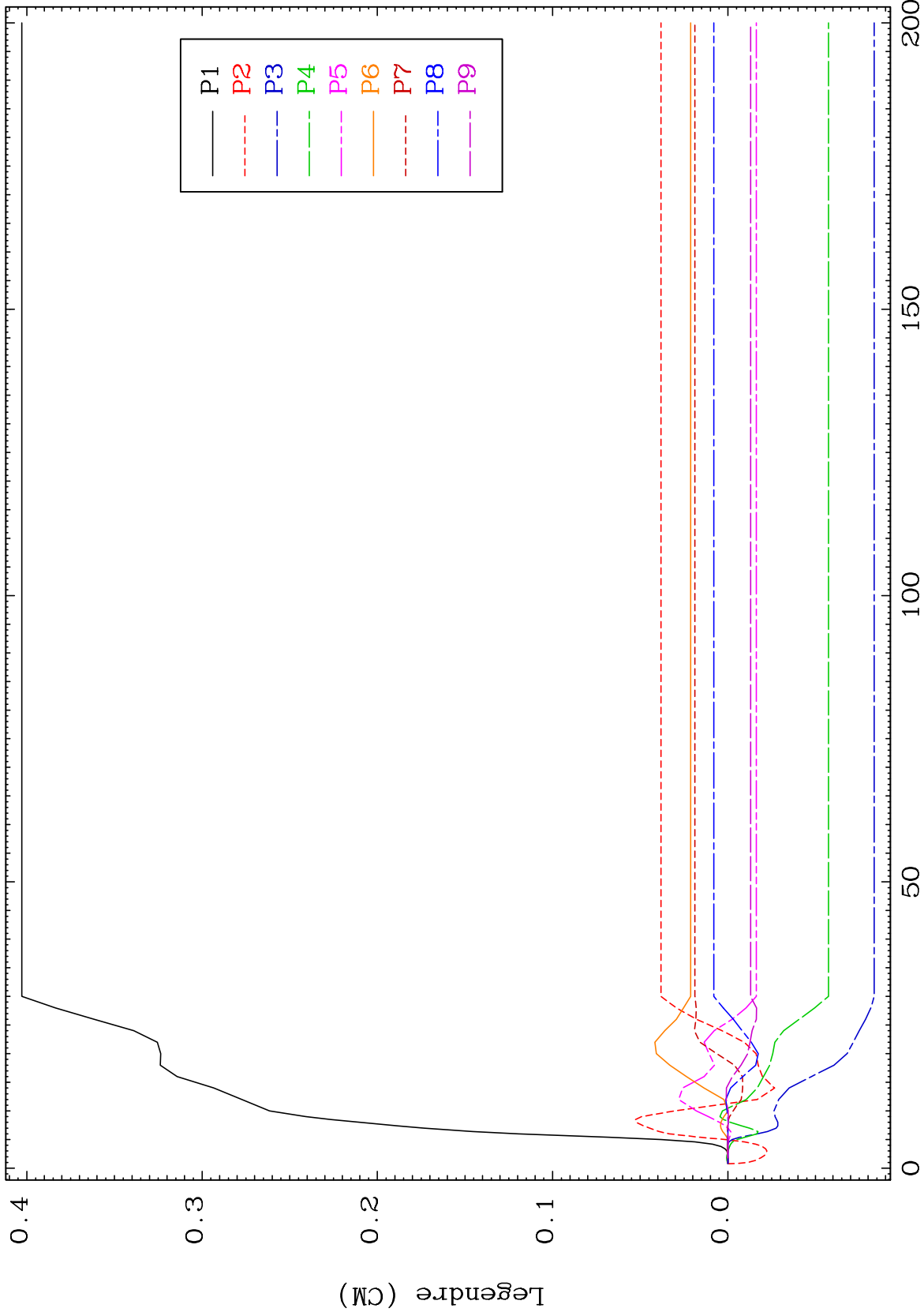
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



64-Gd-165

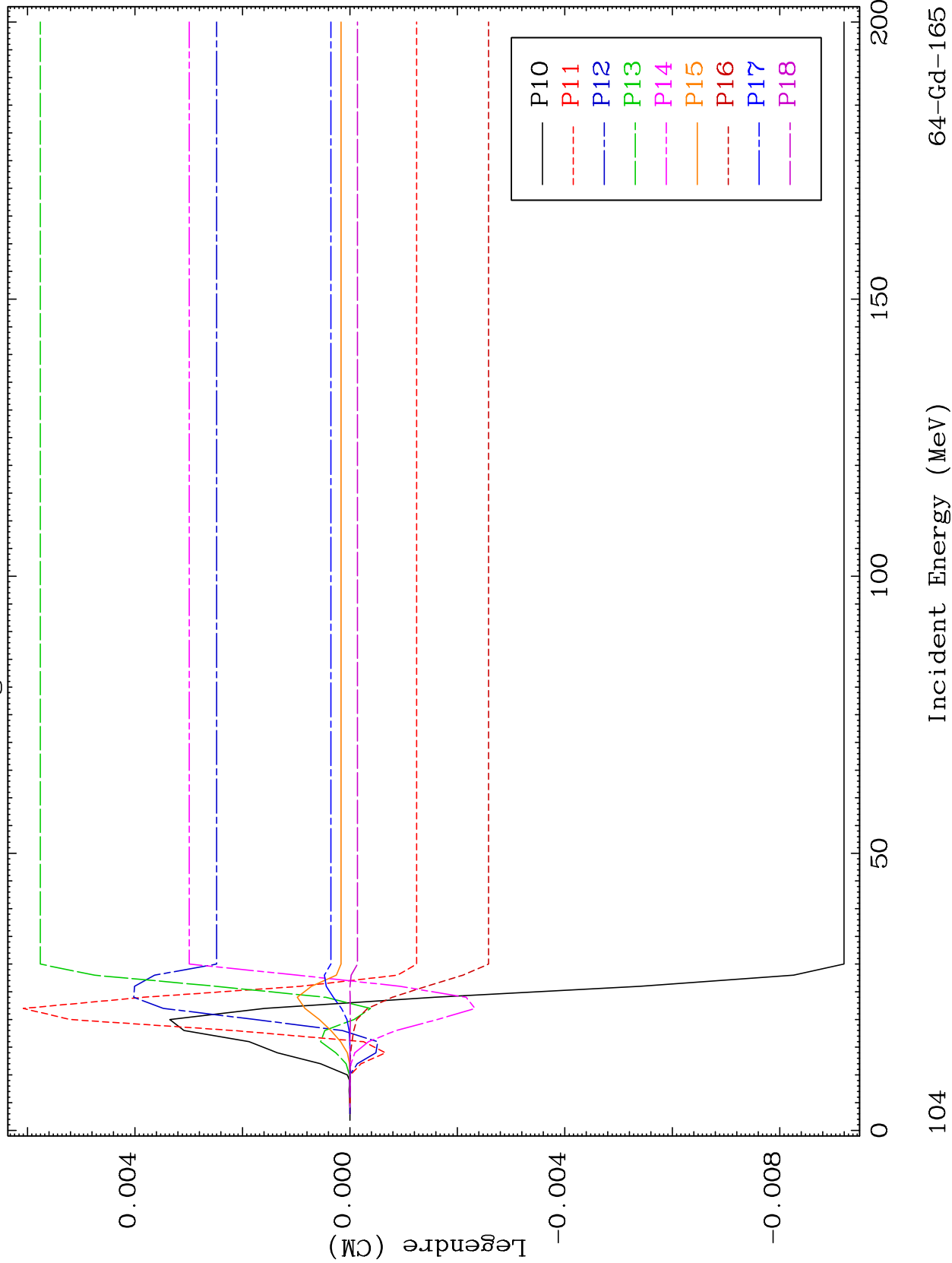
Incident Energy (MeV)

103

MAT 6464

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

64-Gd-165



104

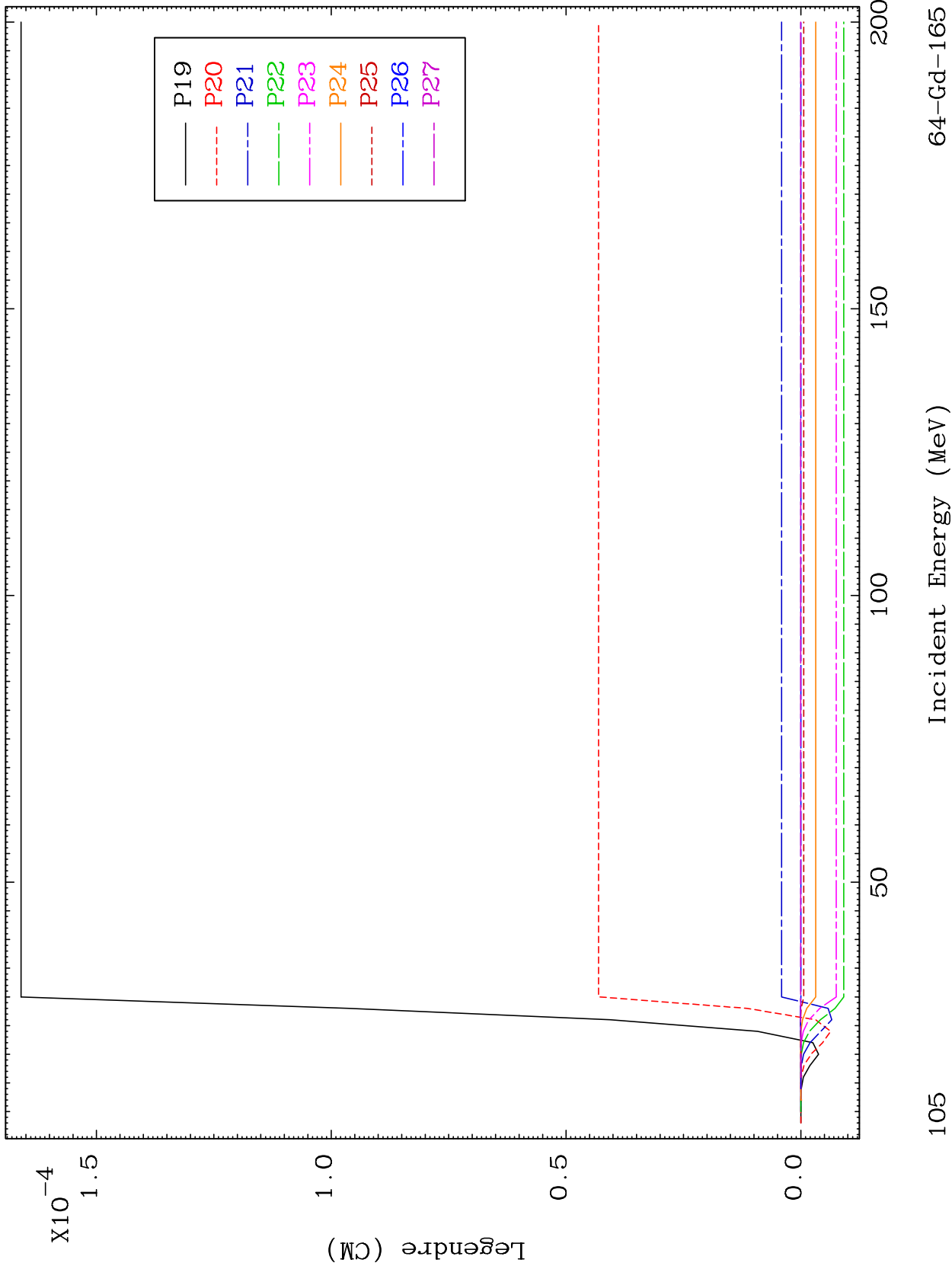
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



105

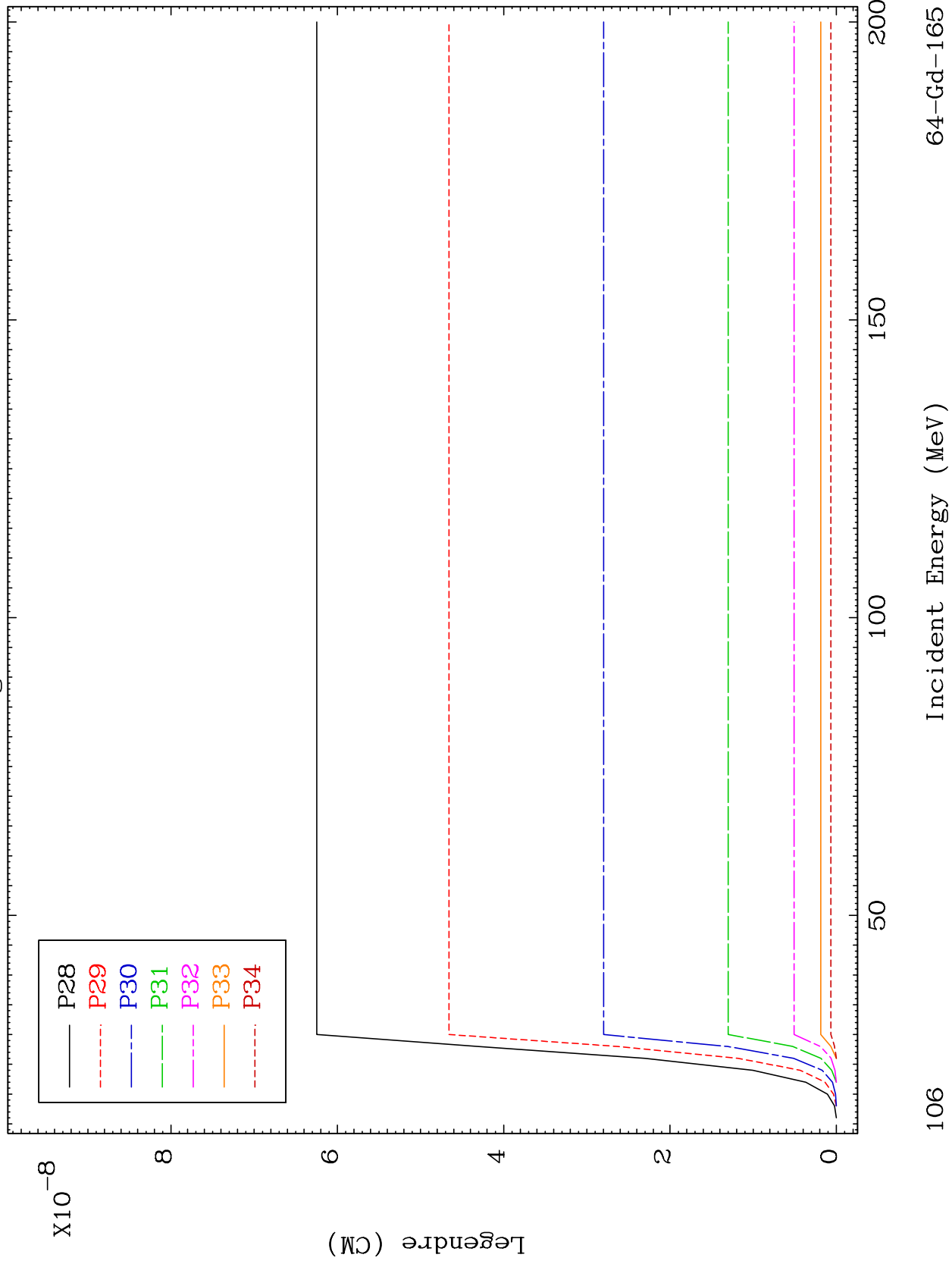
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

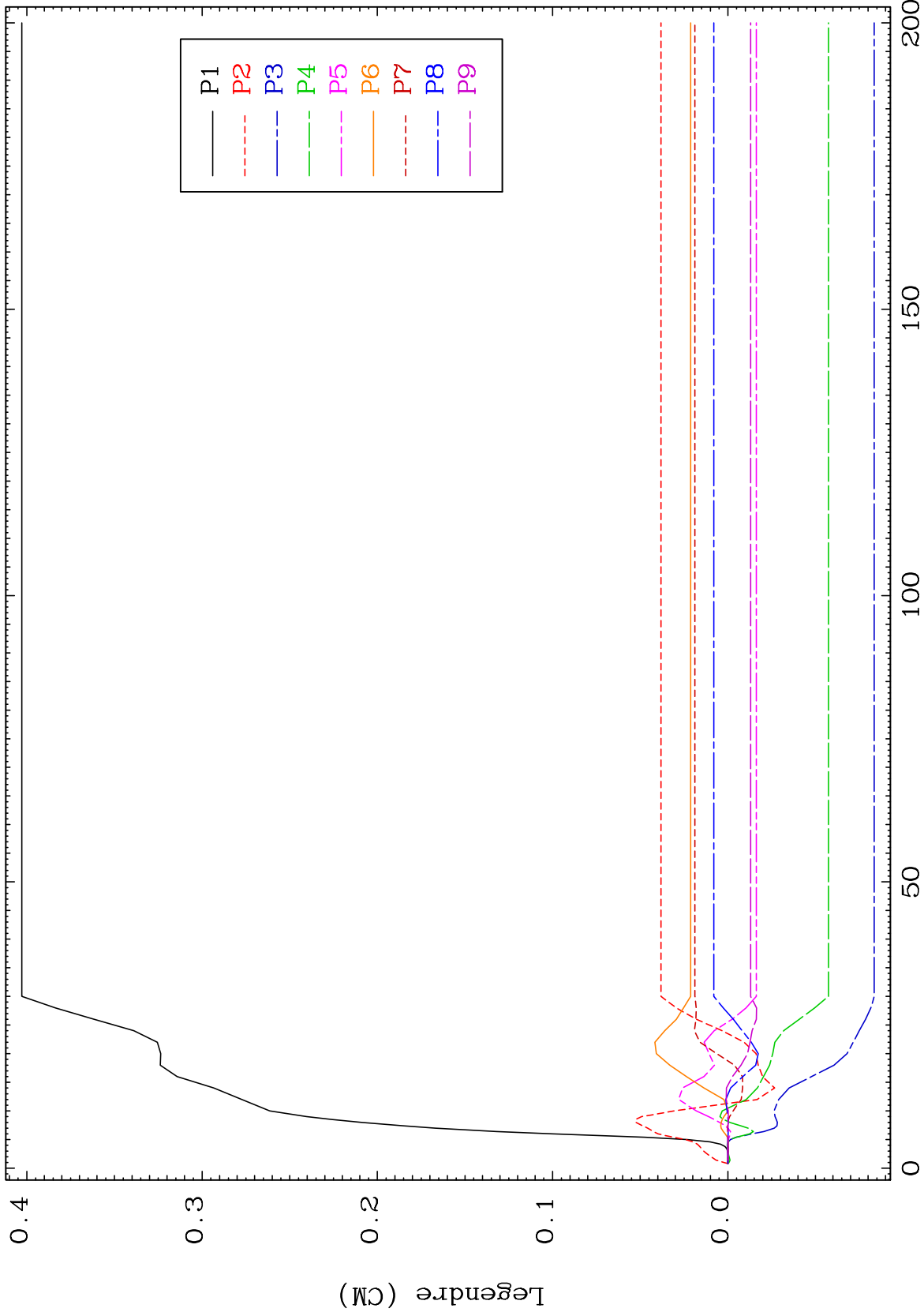
64-Gd-165



MAT 6464

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

64-Gd-165



107

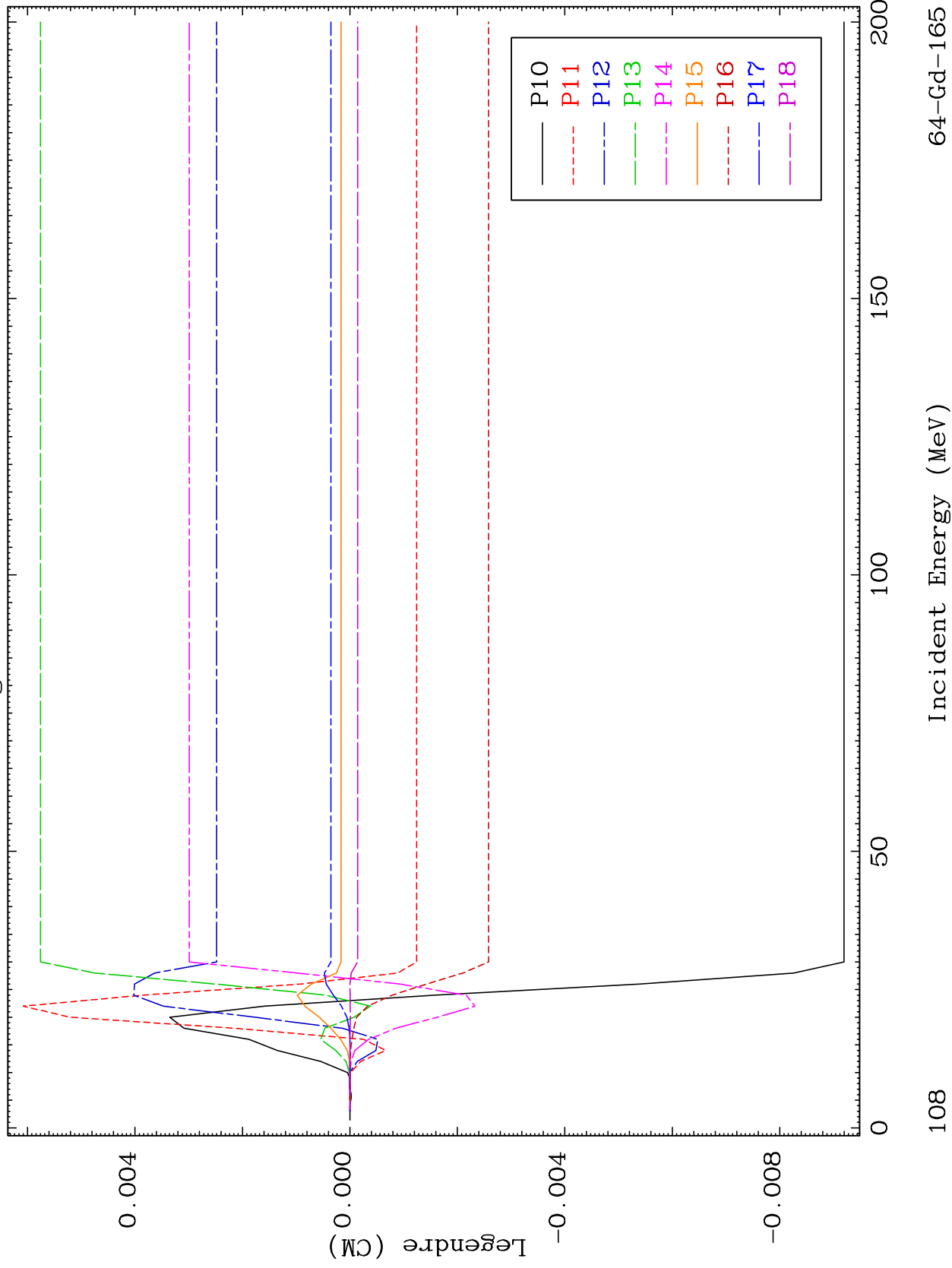
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



64-Gd-165

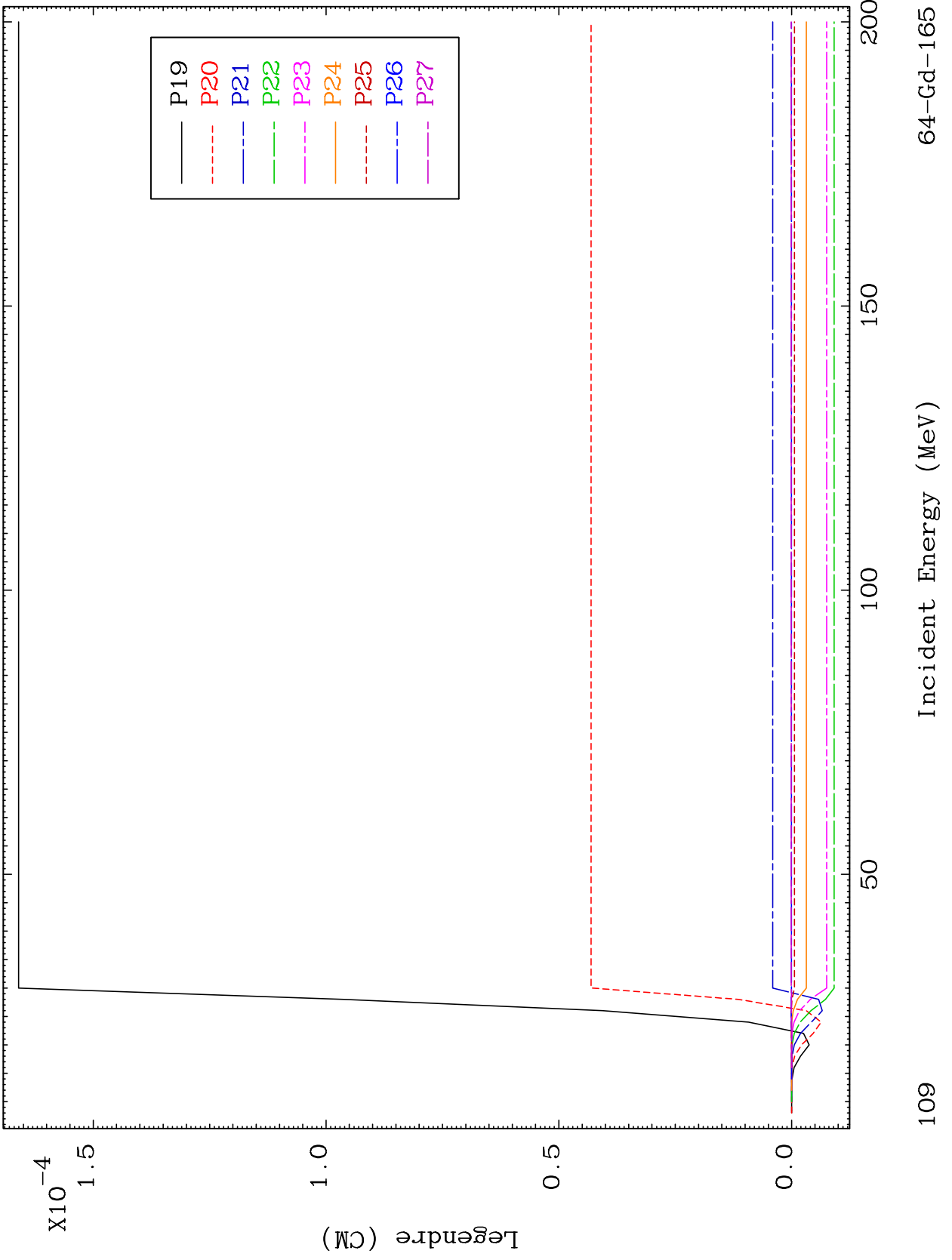
Incident Energy (MeV)

108

MAT 6464

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

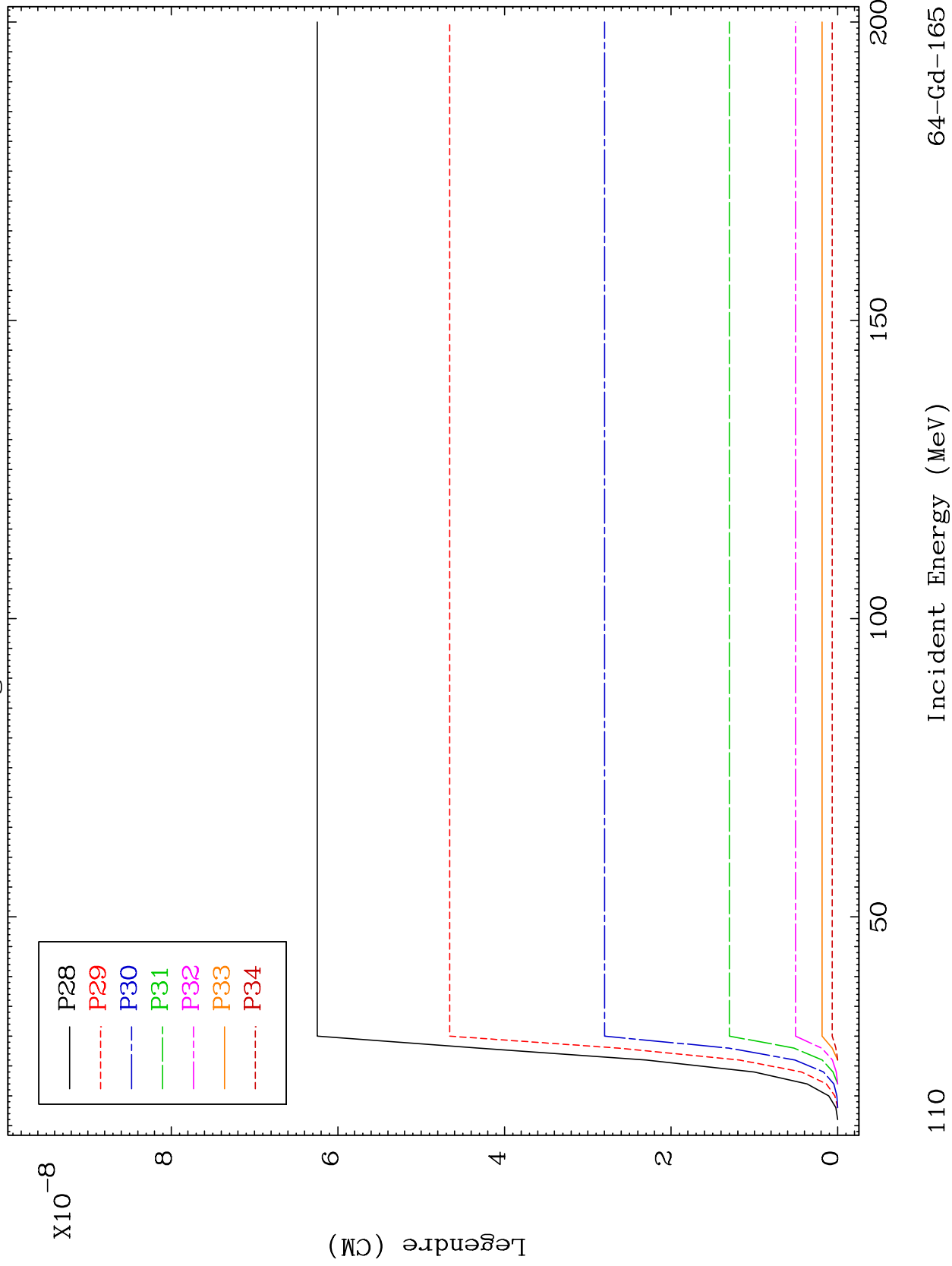
64-Gd-165



MAT 6464

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

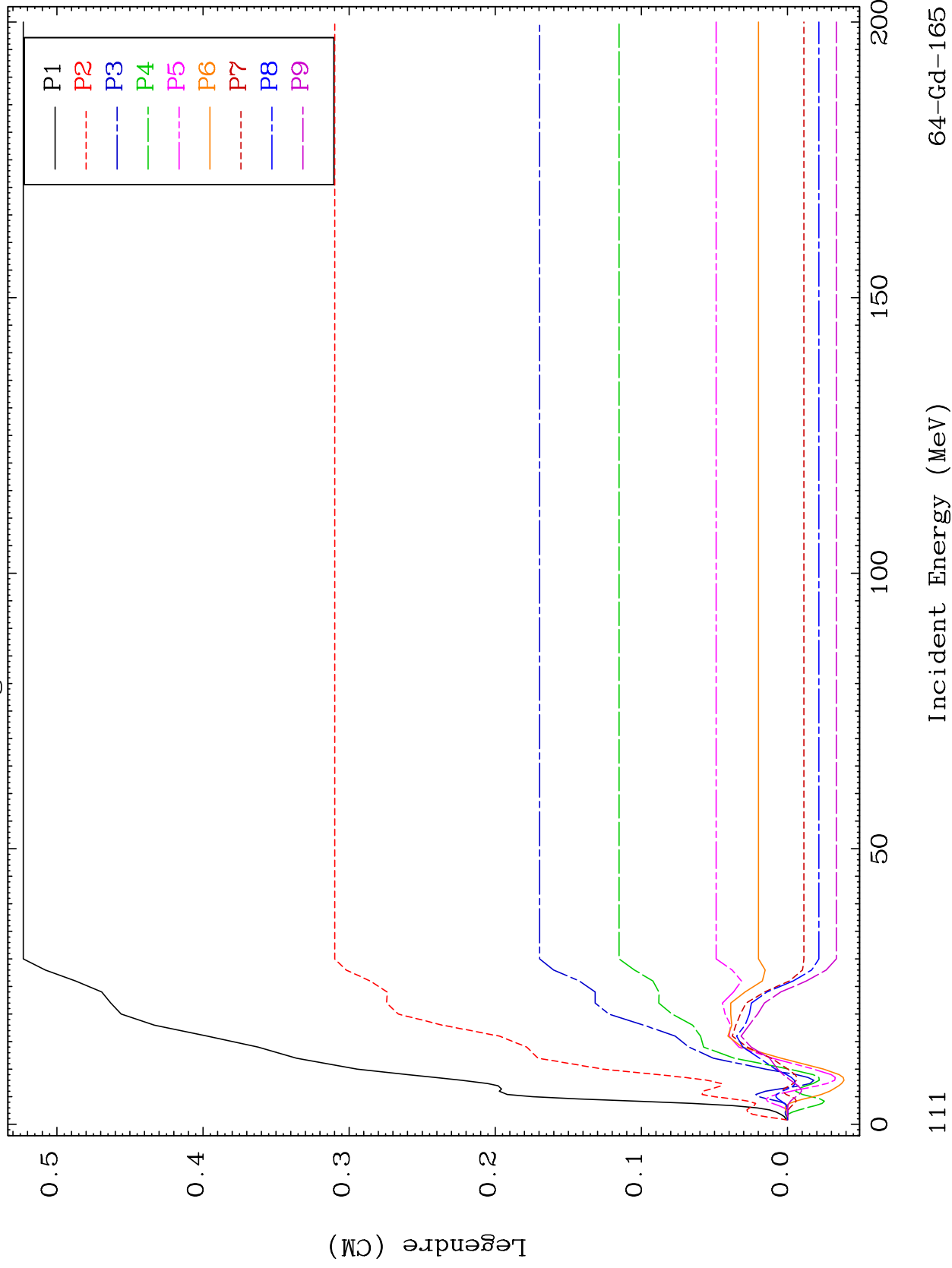
64-Gd-165



MAT 6464

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

64-Gd-165



111

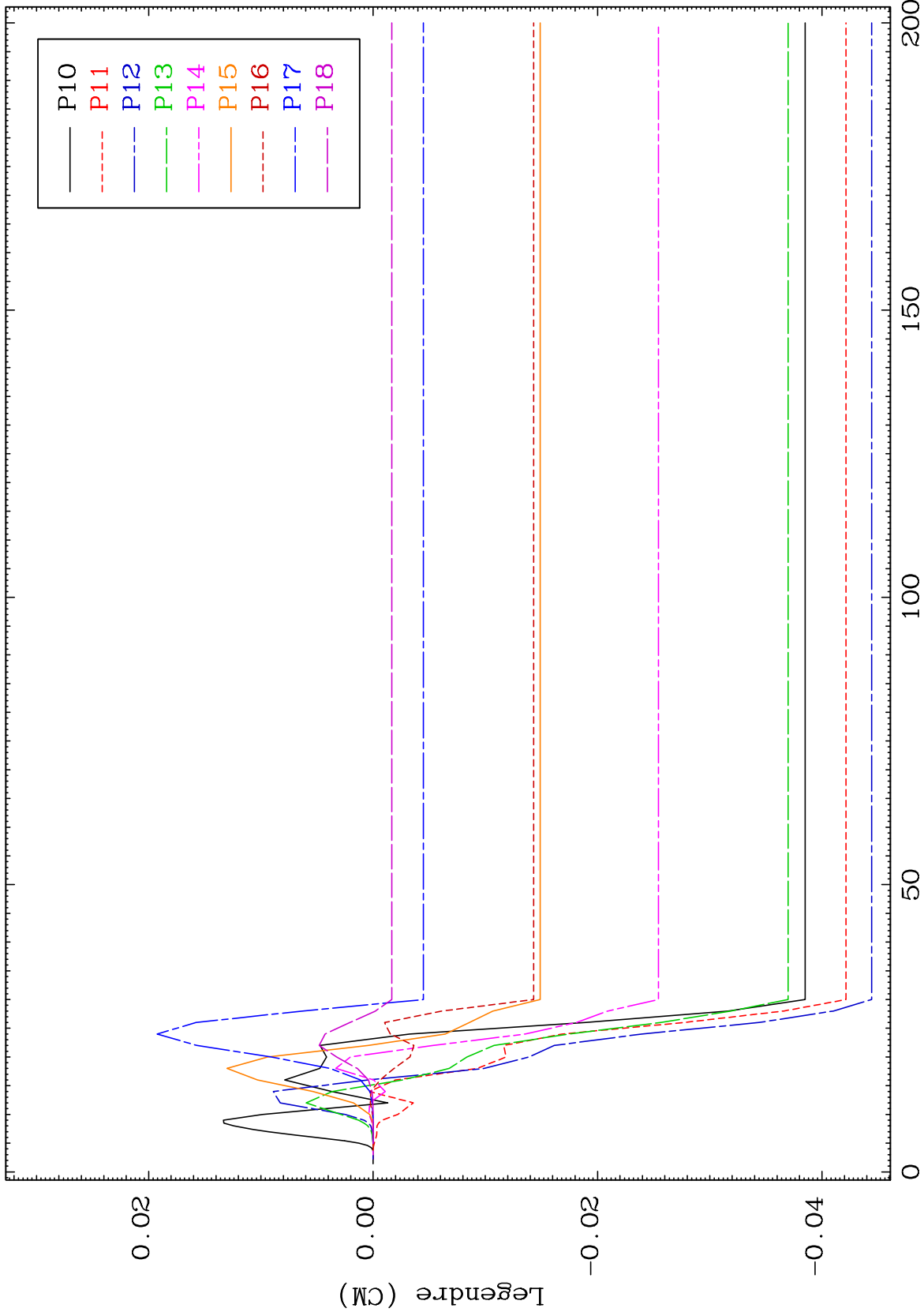
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



112

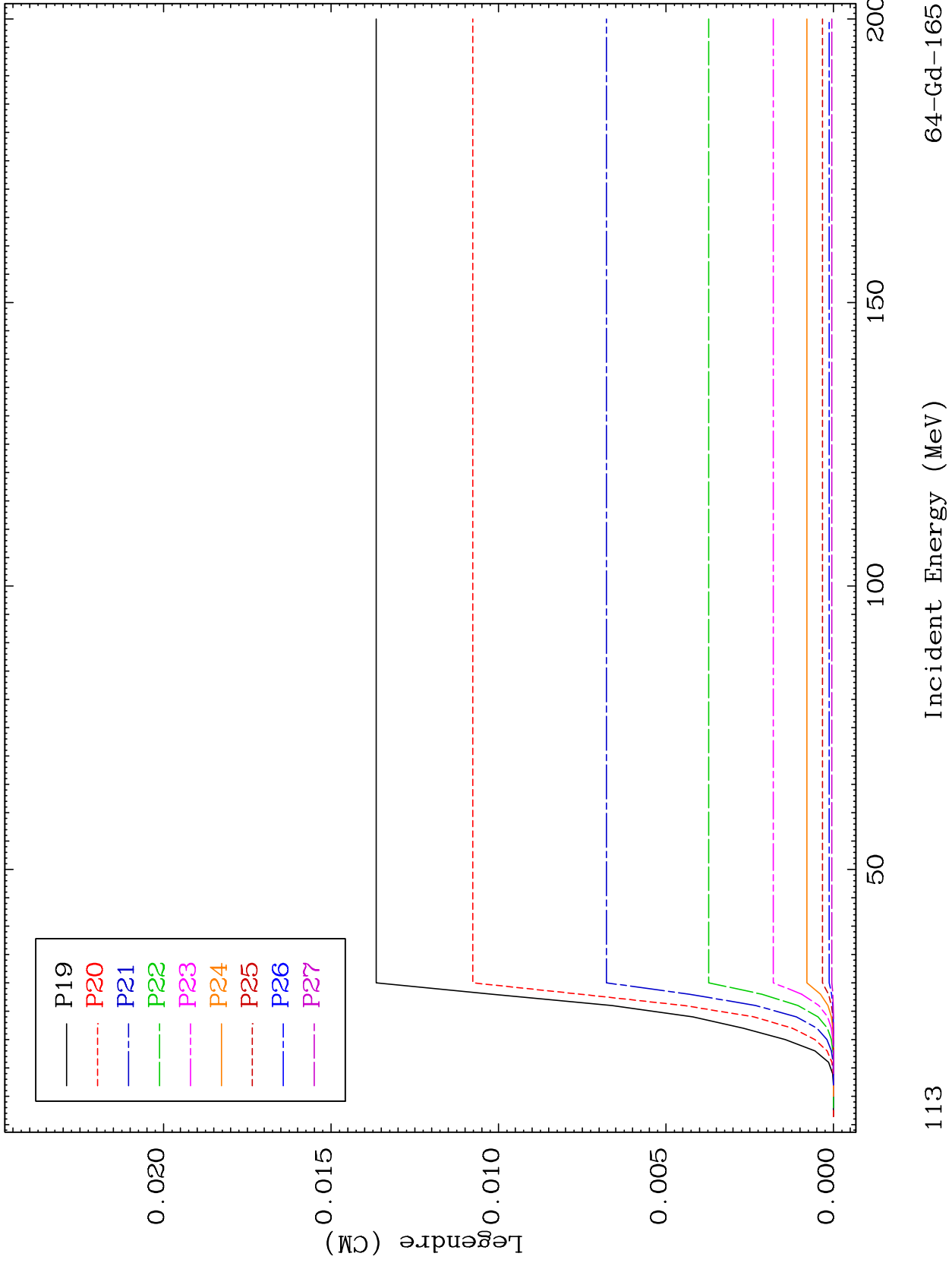
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



113

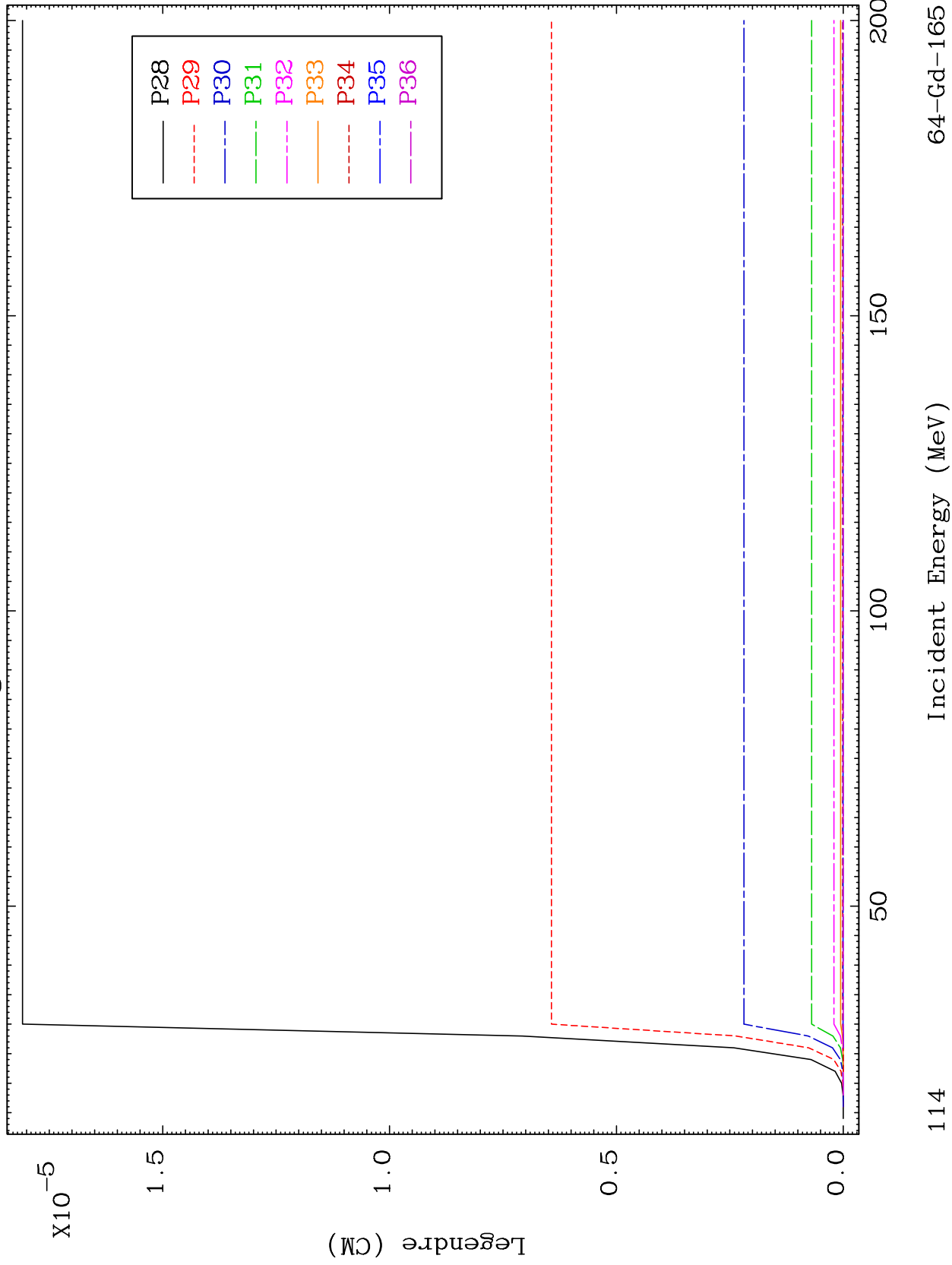
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165

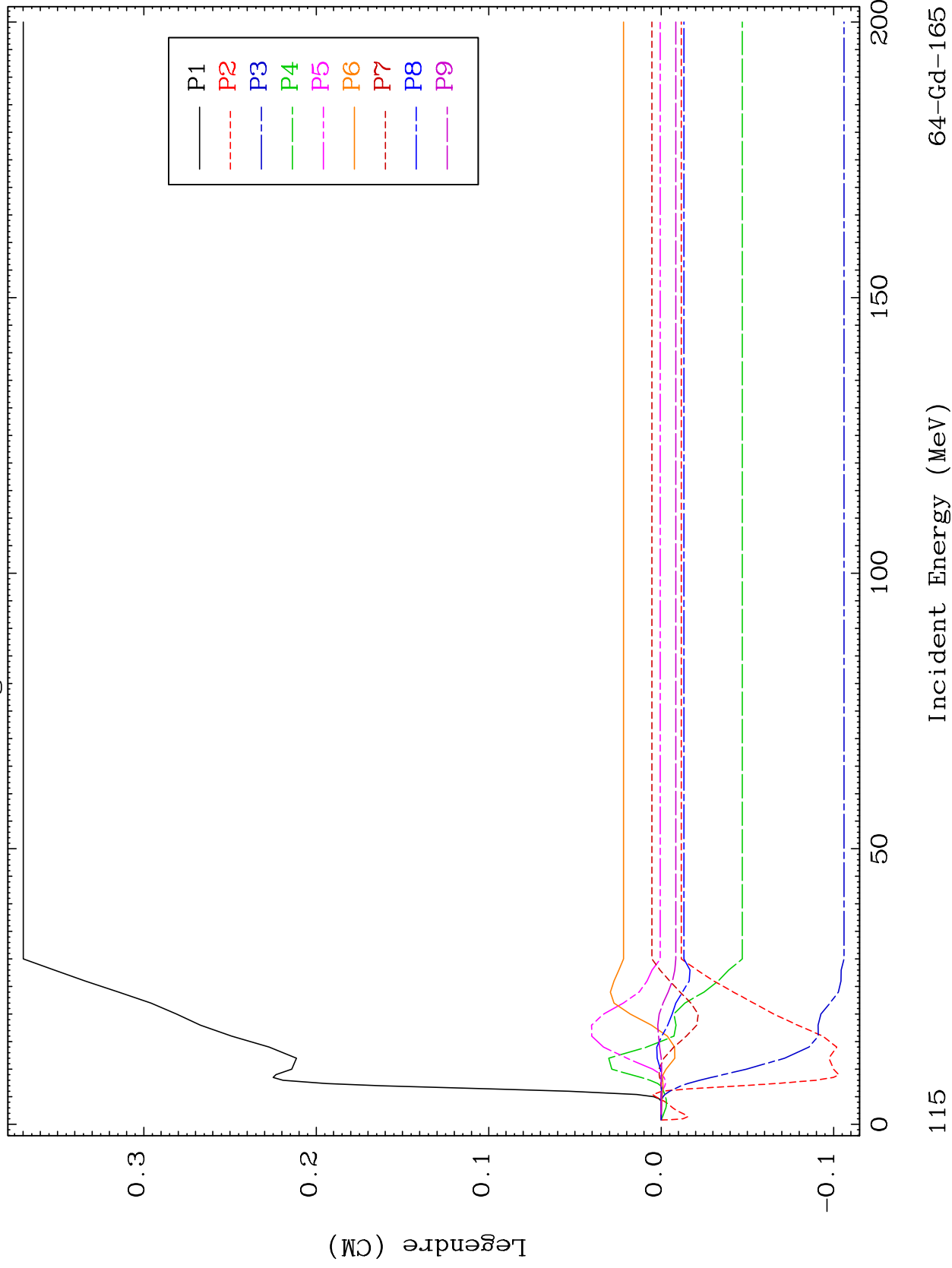


114

MAT 6464

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

64-Gd-165



64-Gd-165

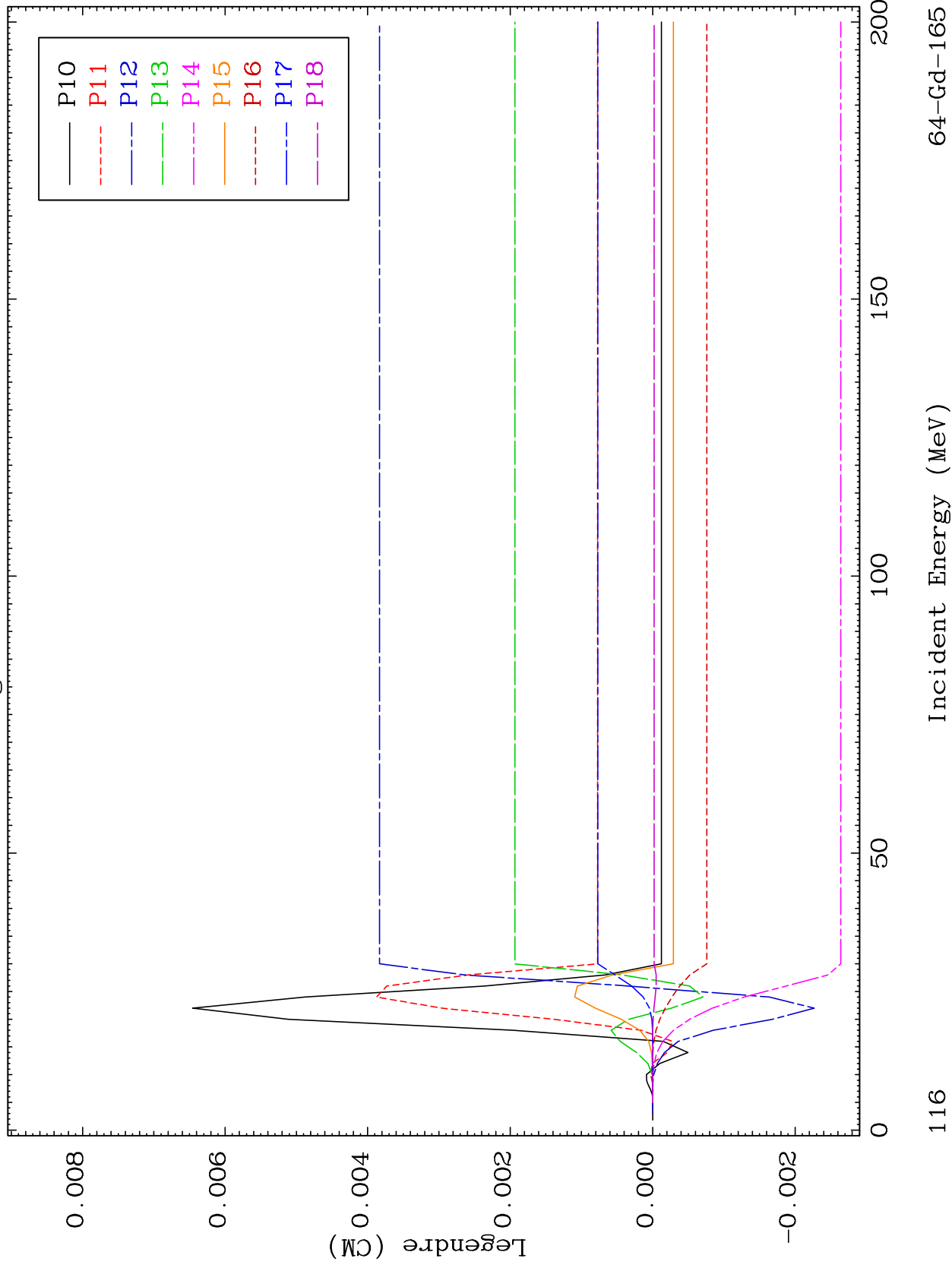
Incident Energy (MeV)

115

MAT 6464

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

64-Gd-165



116

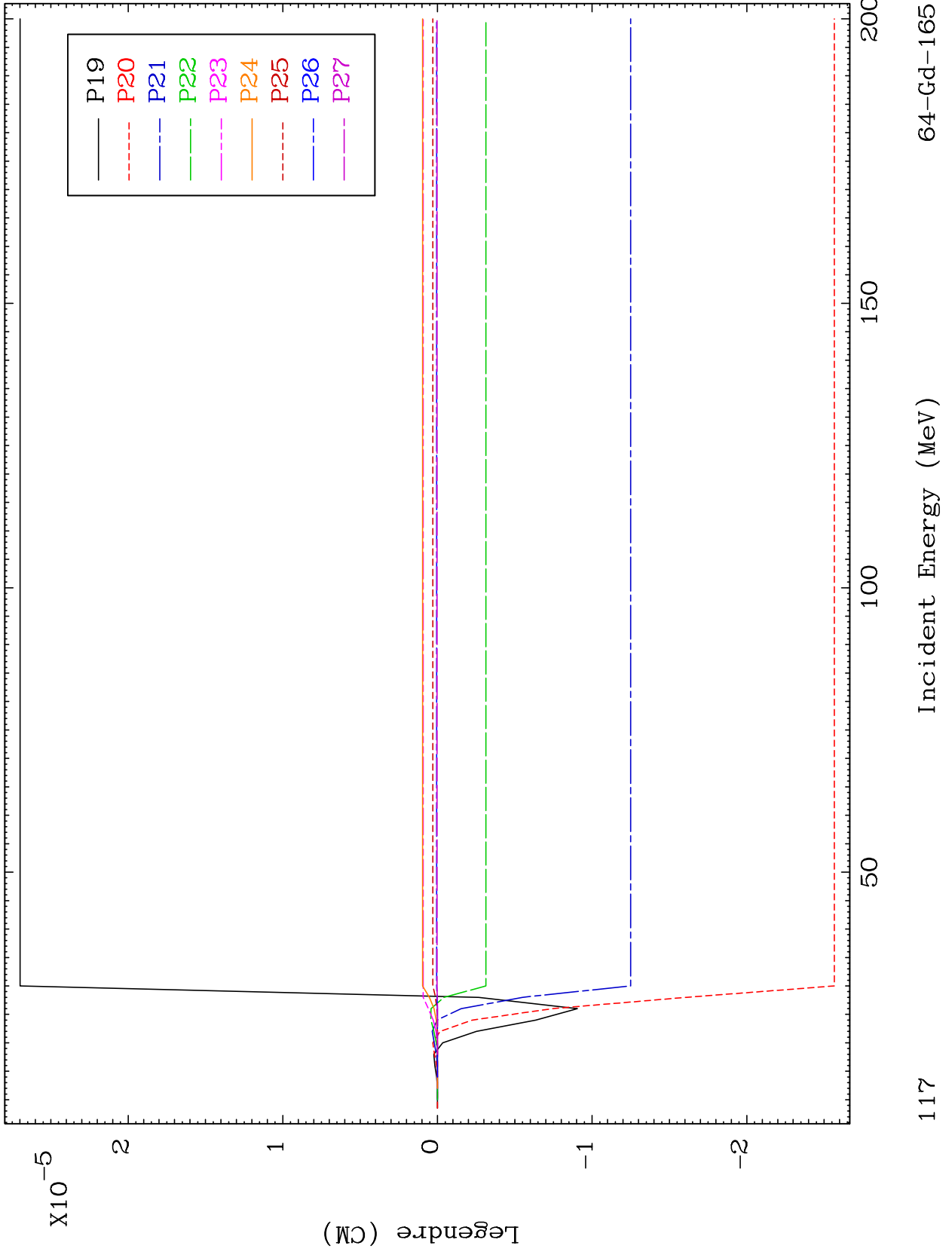
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

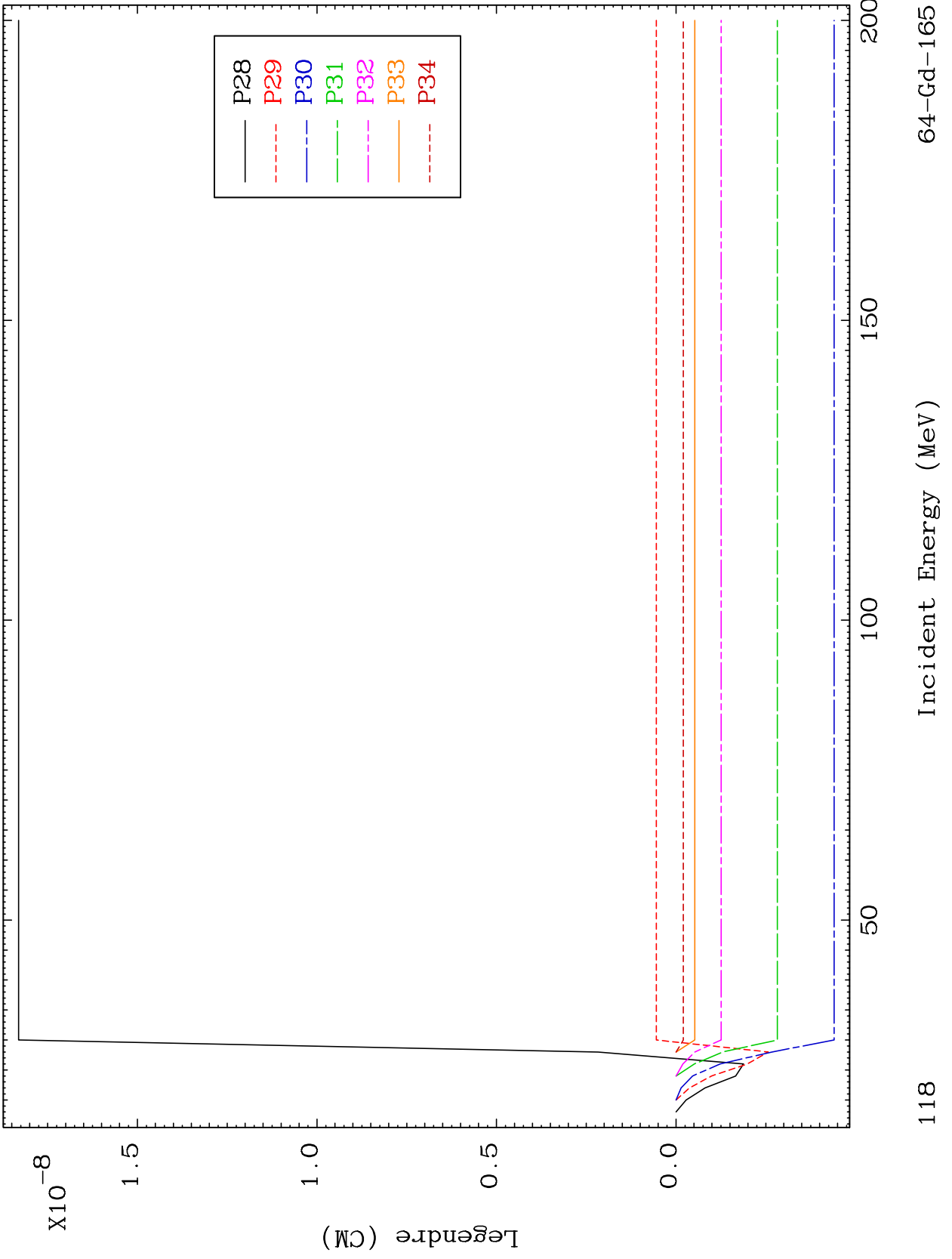
64-Gd-165



MAT 6464

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

64-Gd-165



118

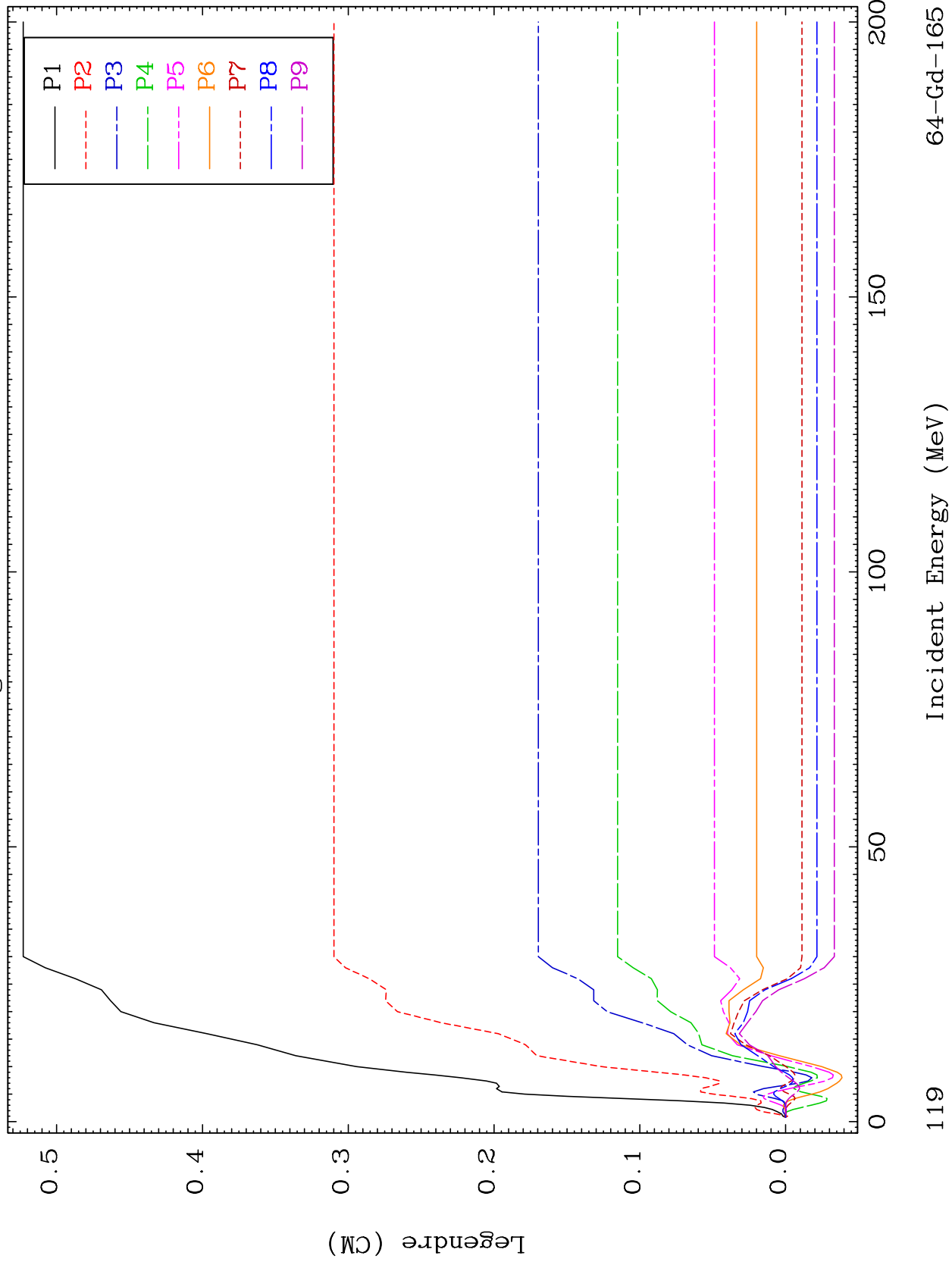
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



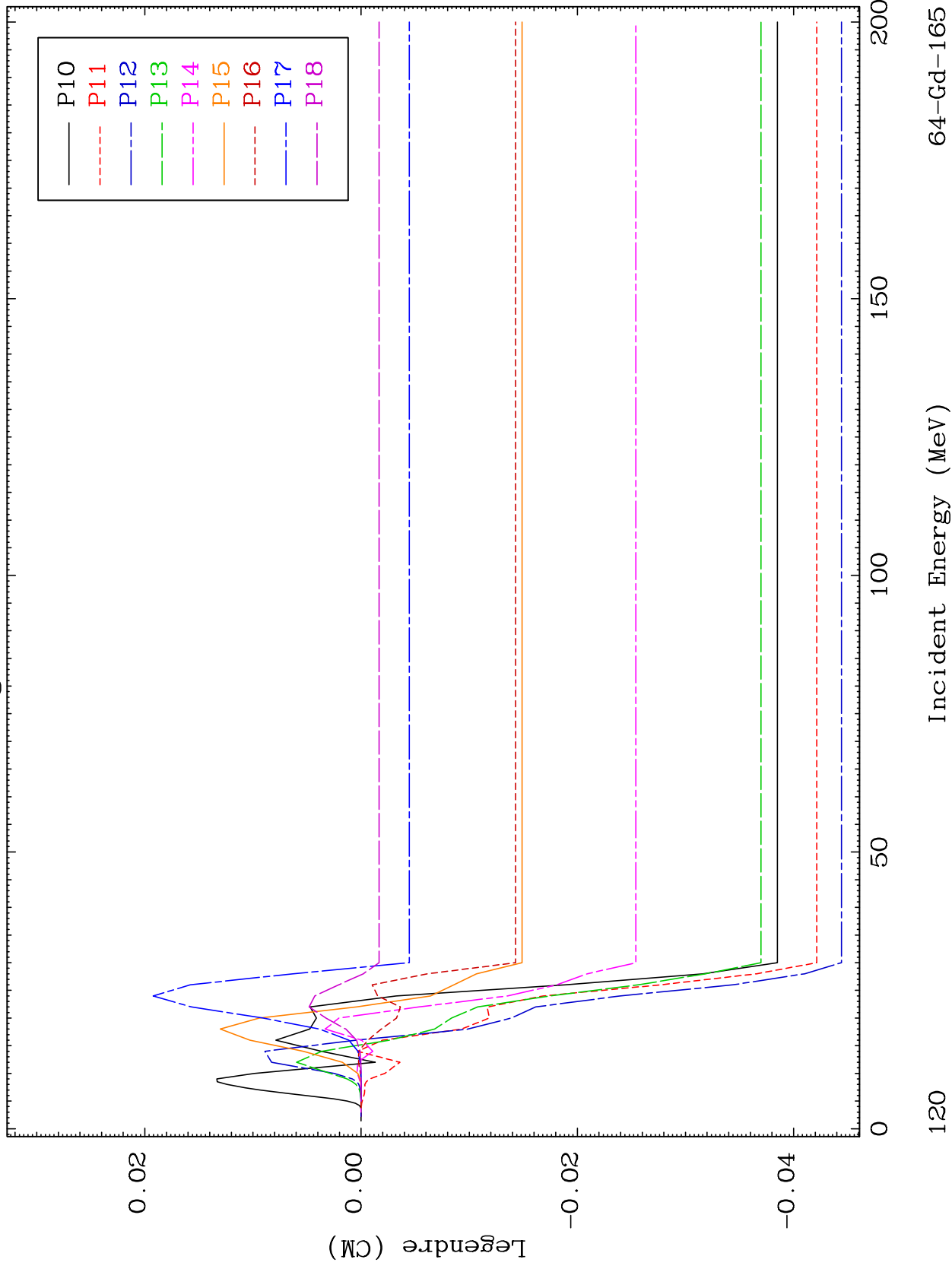
119

64-Gd-165

MAT 6464

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

64-Gd-165



64-Gd-165

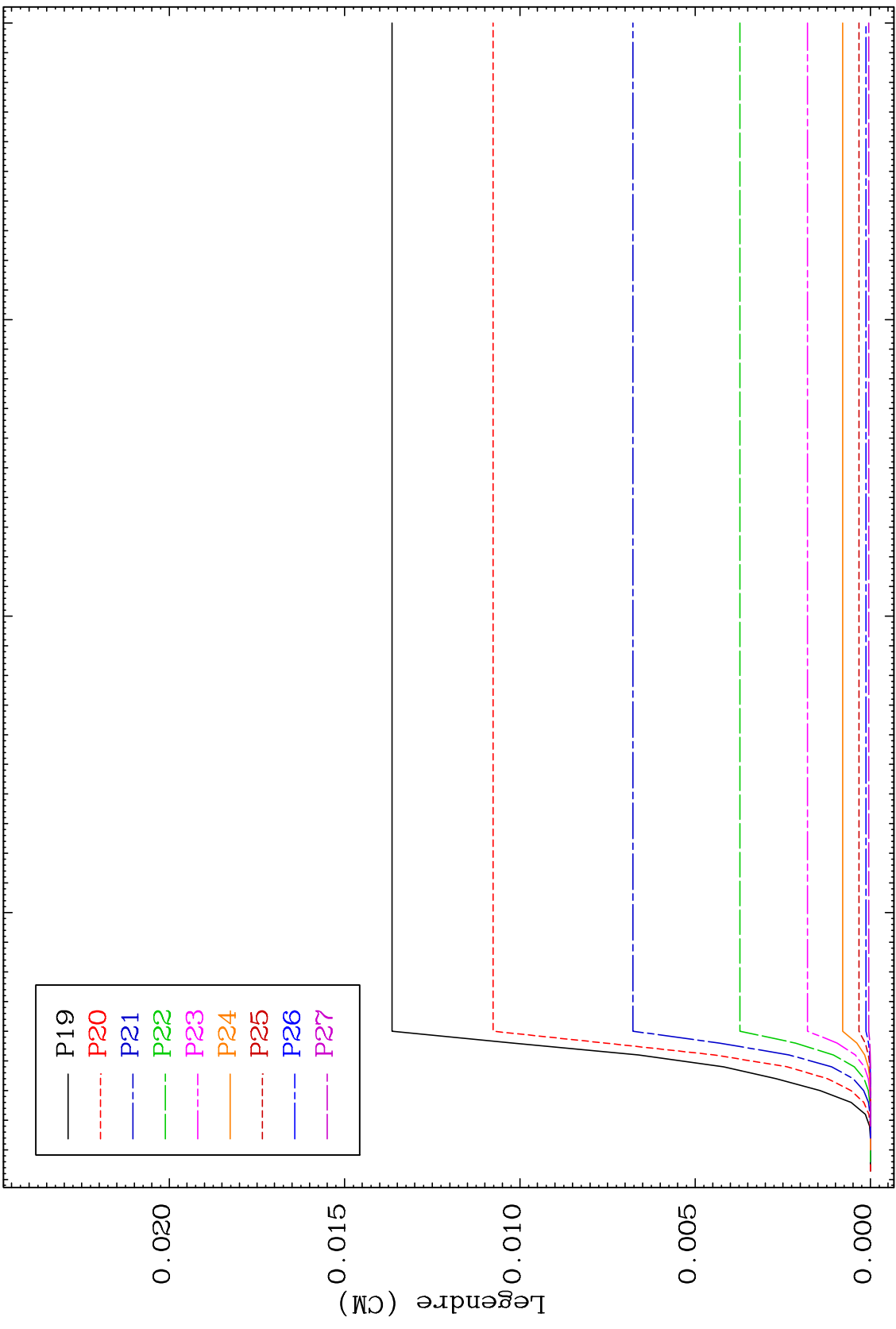
Incident Energy (MeV)

120

MAT 6464

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

64-Gd-165



121

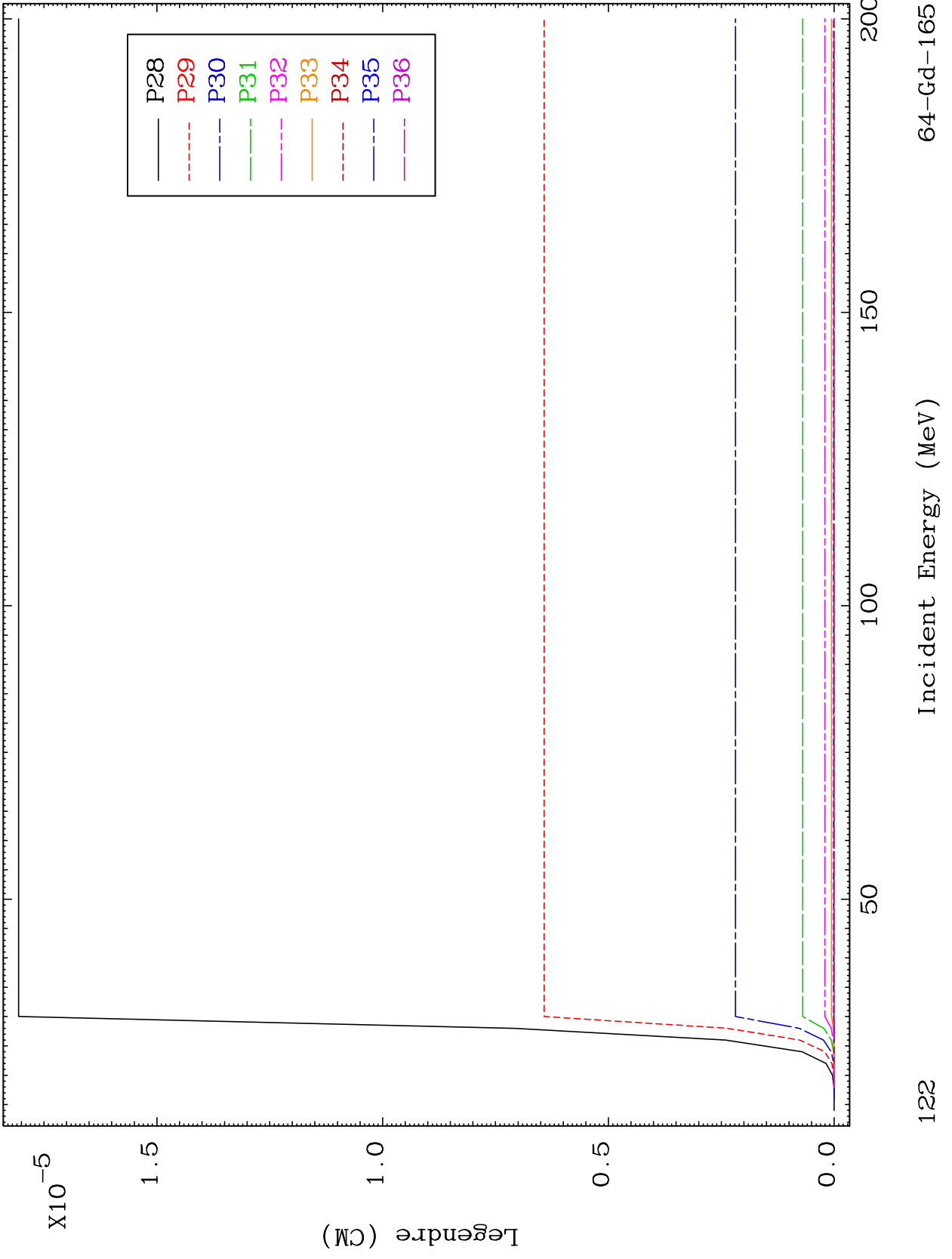
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165

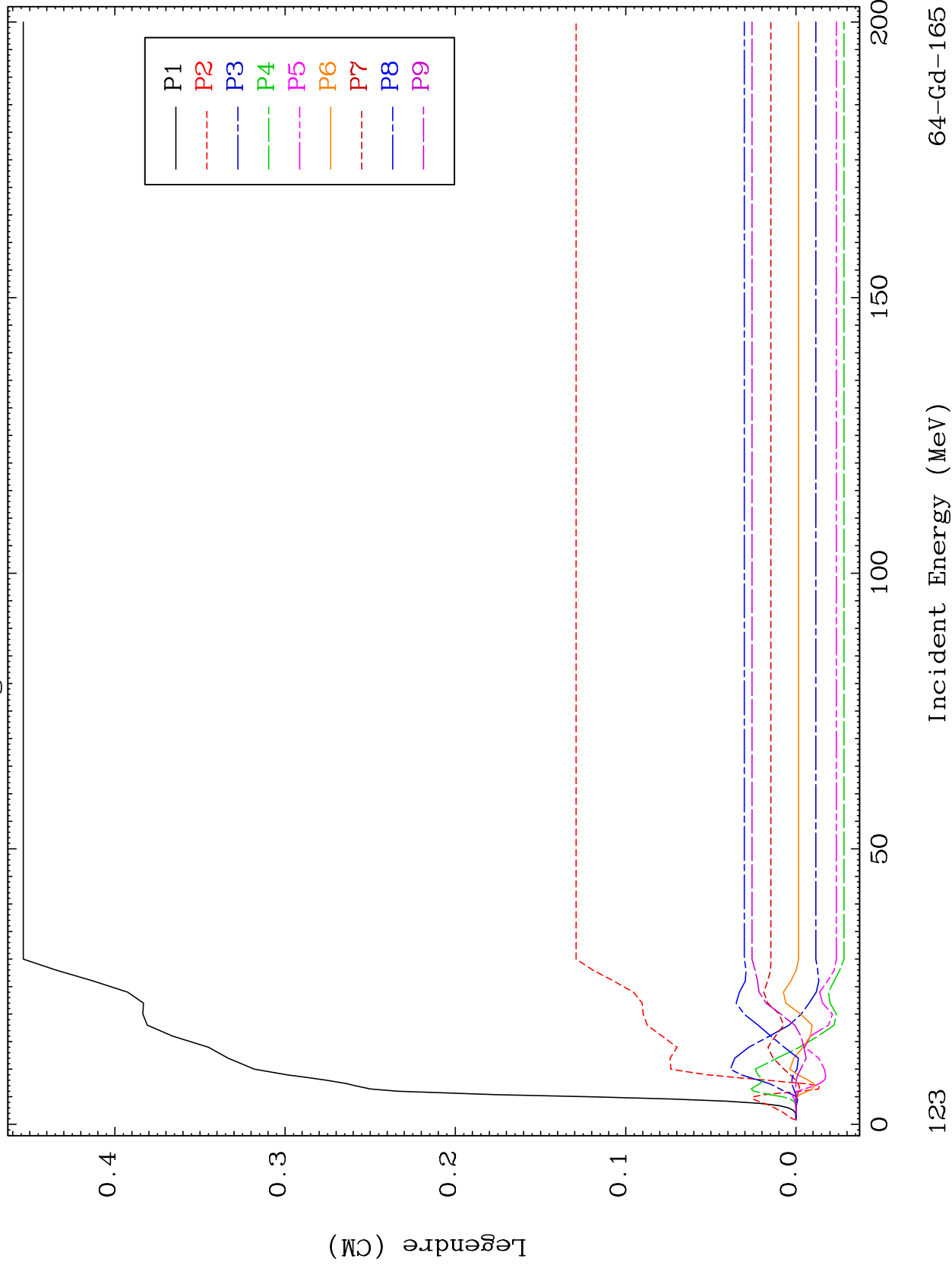


122

MAT 6464

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

64-Gd-165



123

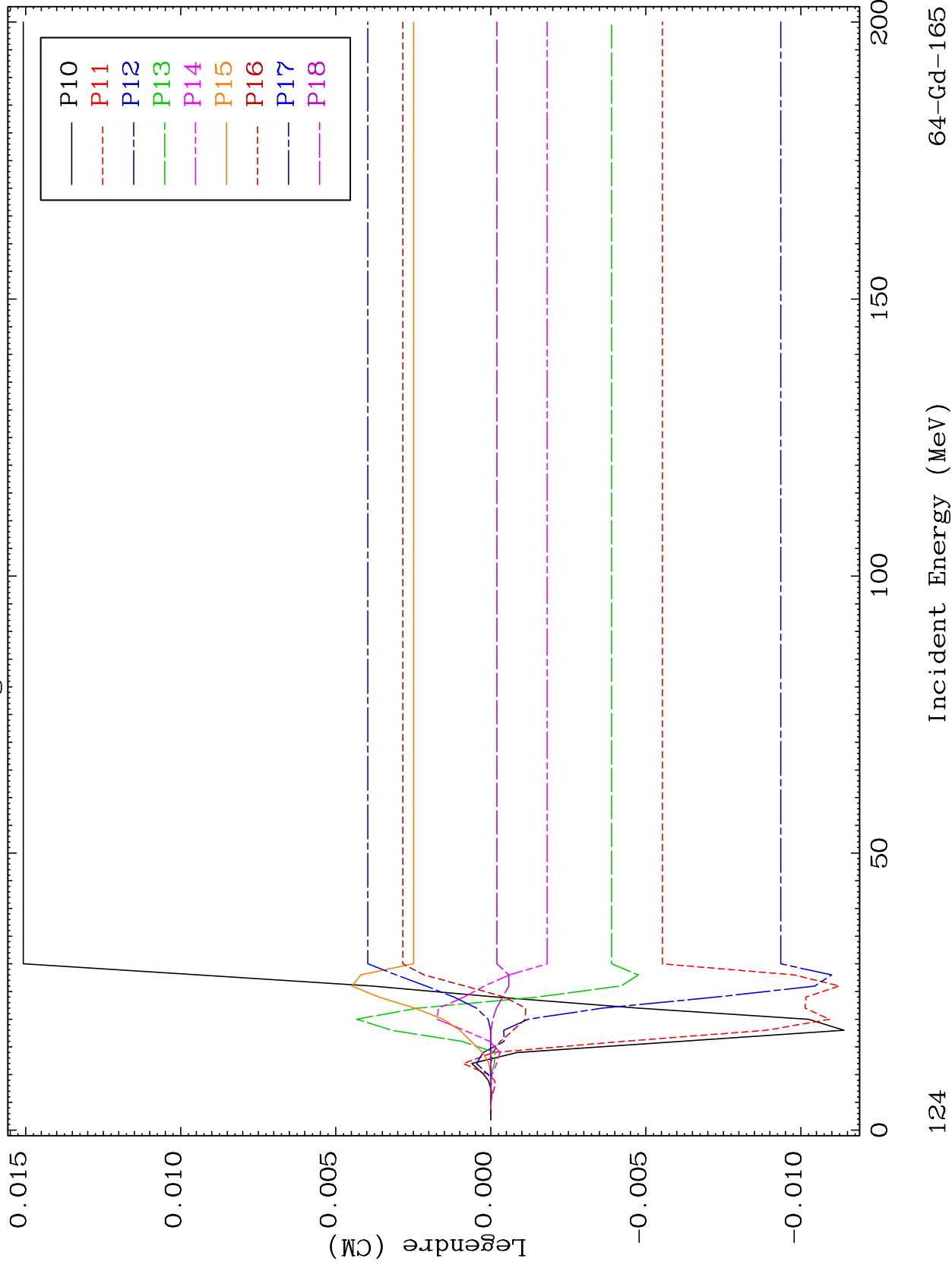
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

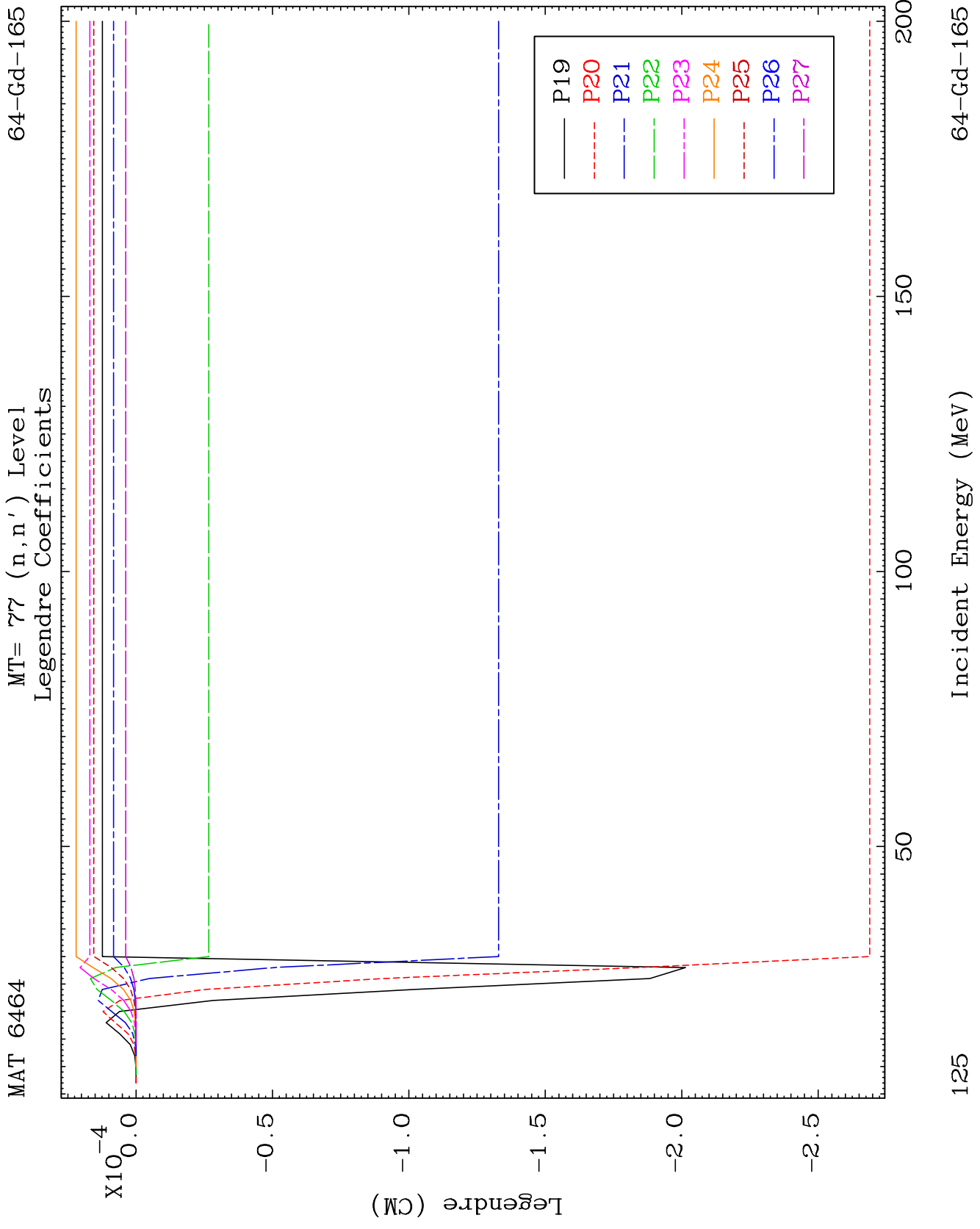
64-Gd-165



64-Gd-165

Incident Energy (MeV)

124



64-Gd-165

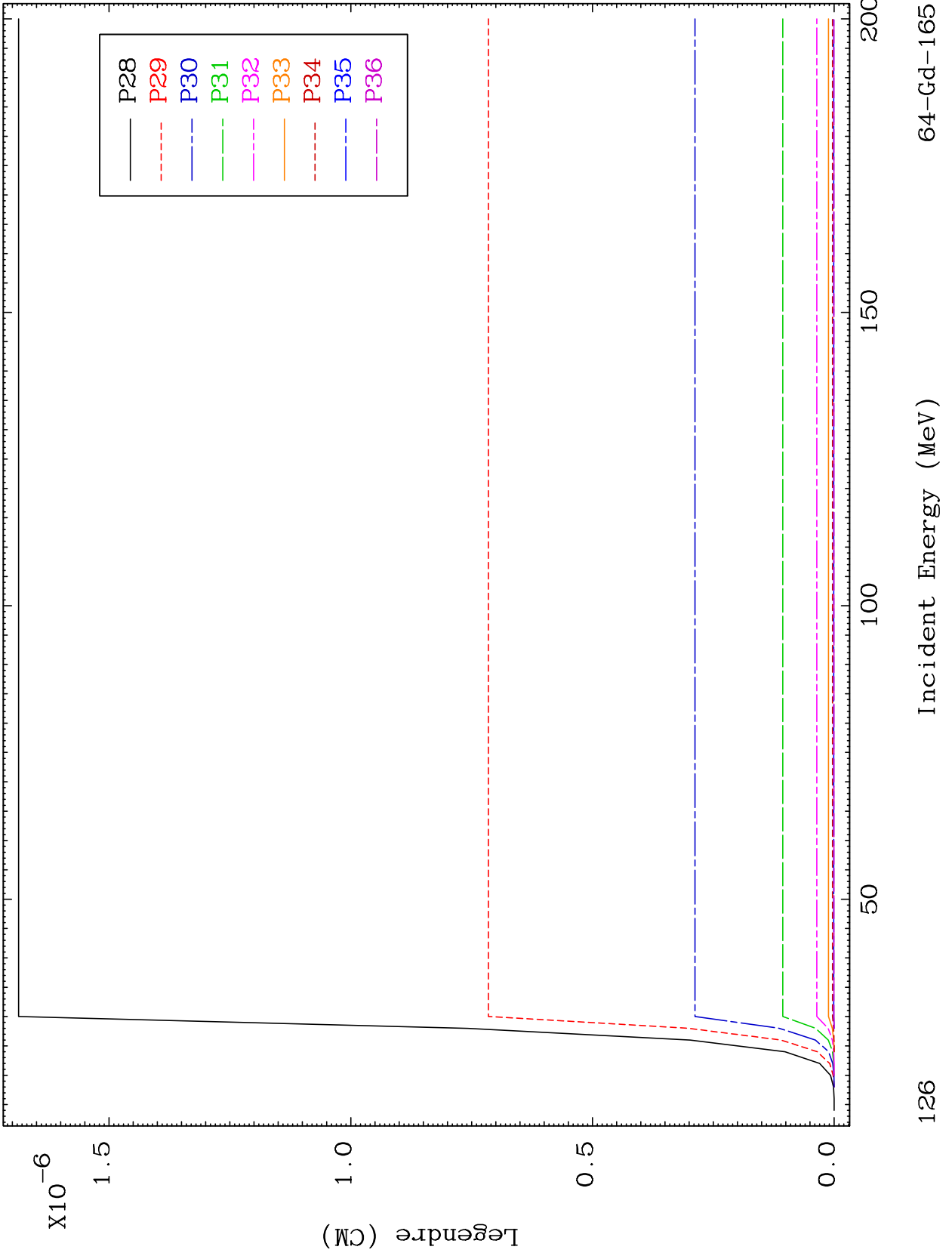
Incident Energy (MeV)

125

MAT 6464

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

64-Gd-165



126

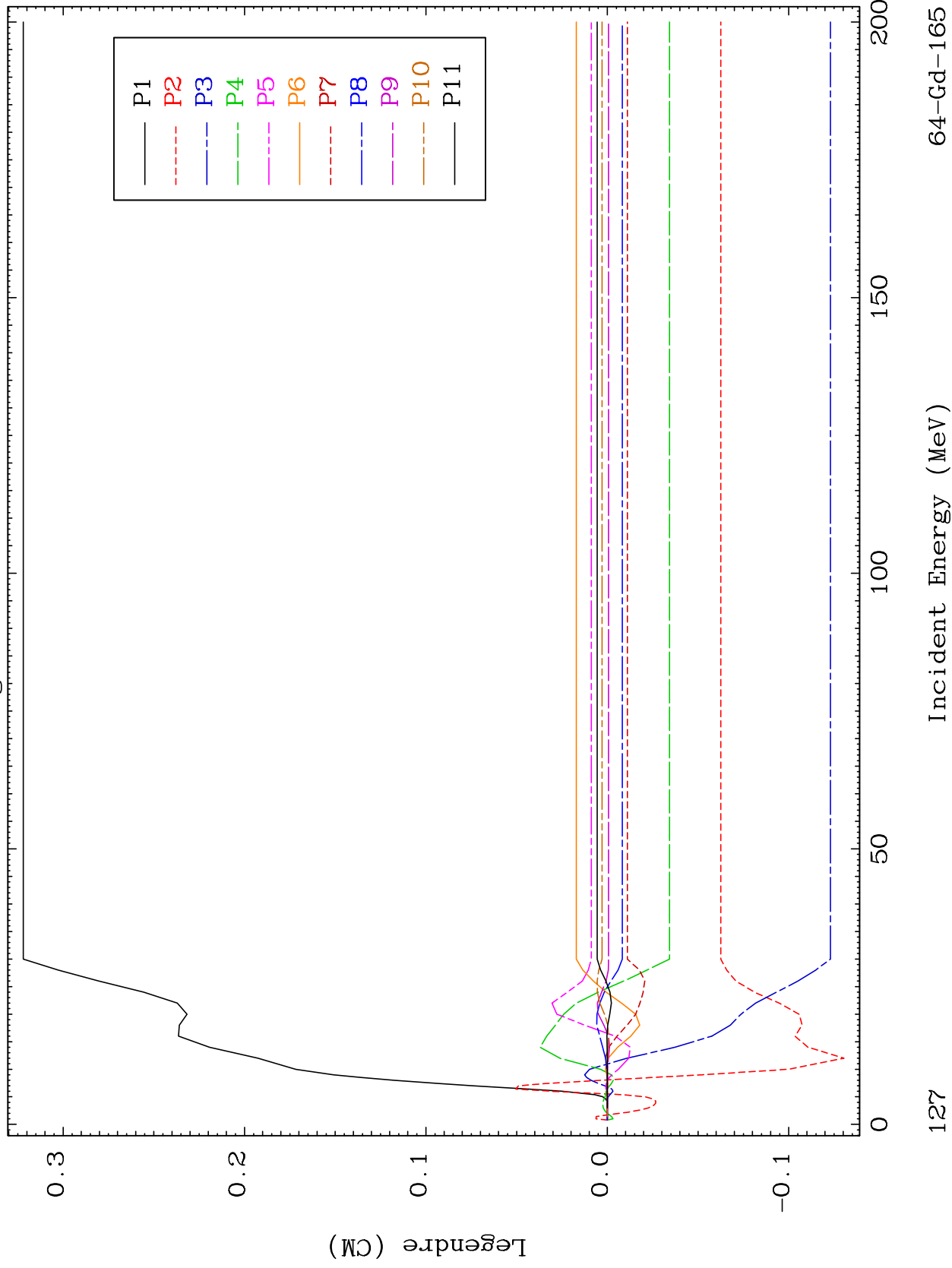
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

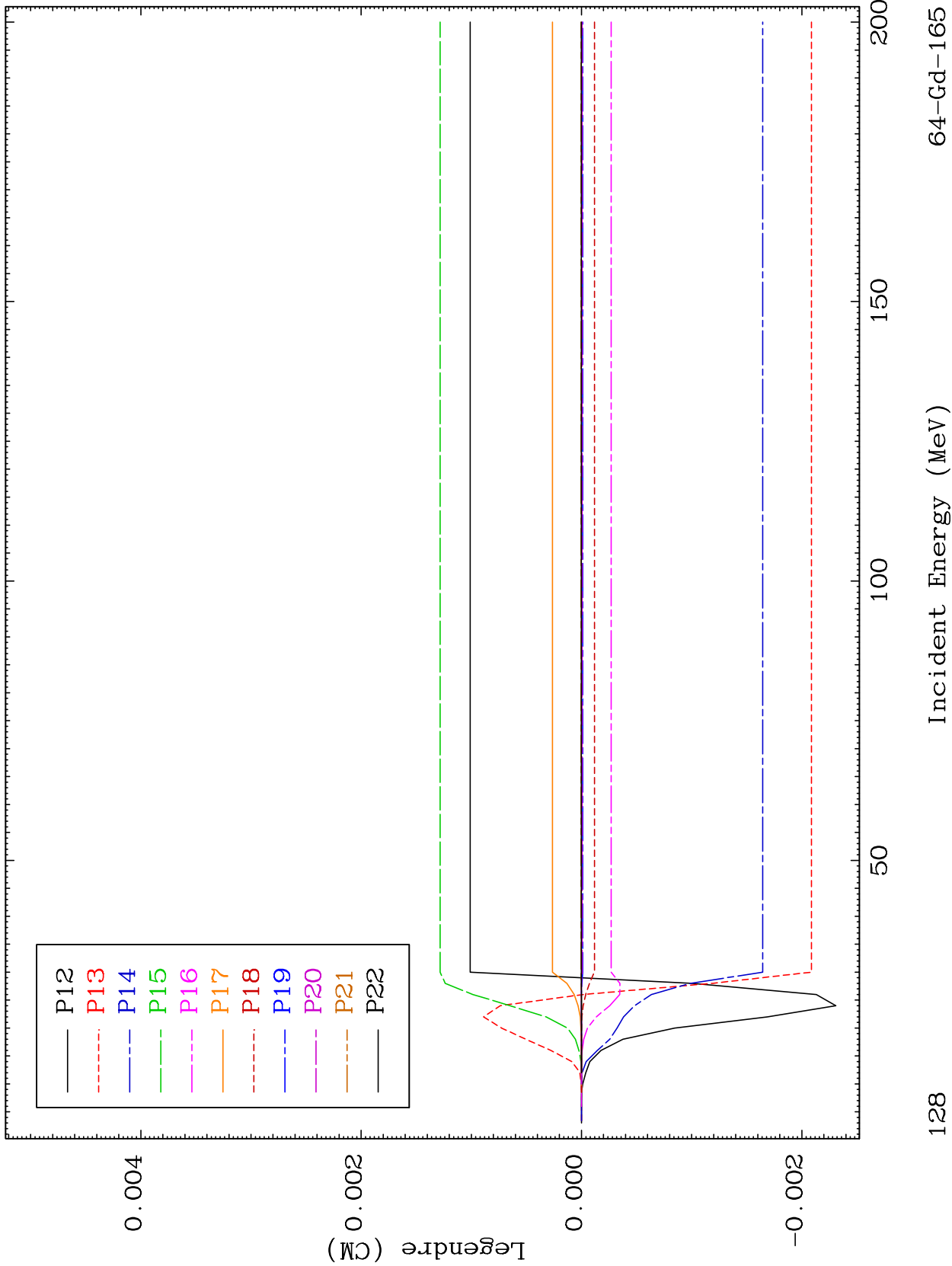
64-Gd-165



MAT 6464

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

64-Gd-165



128

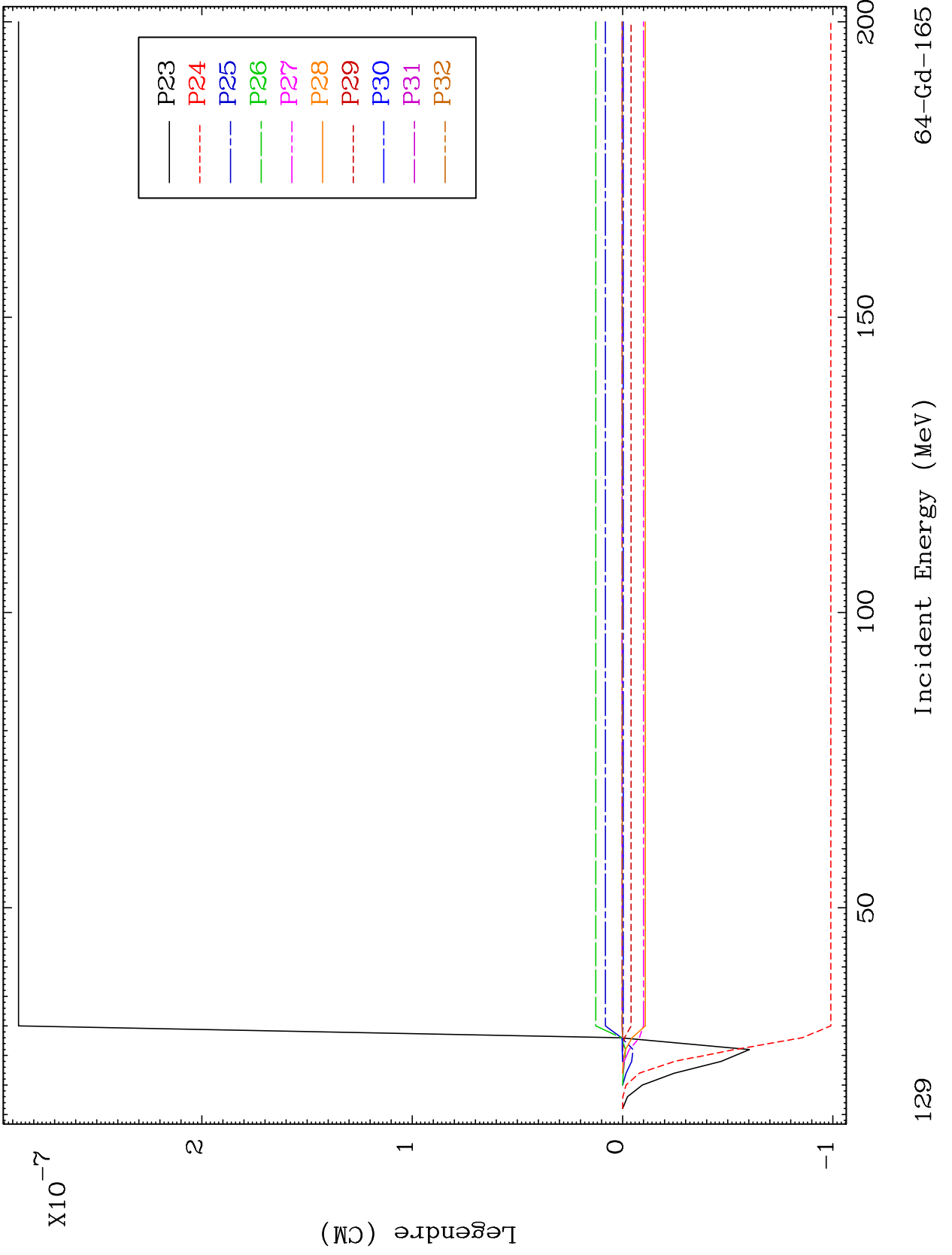
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

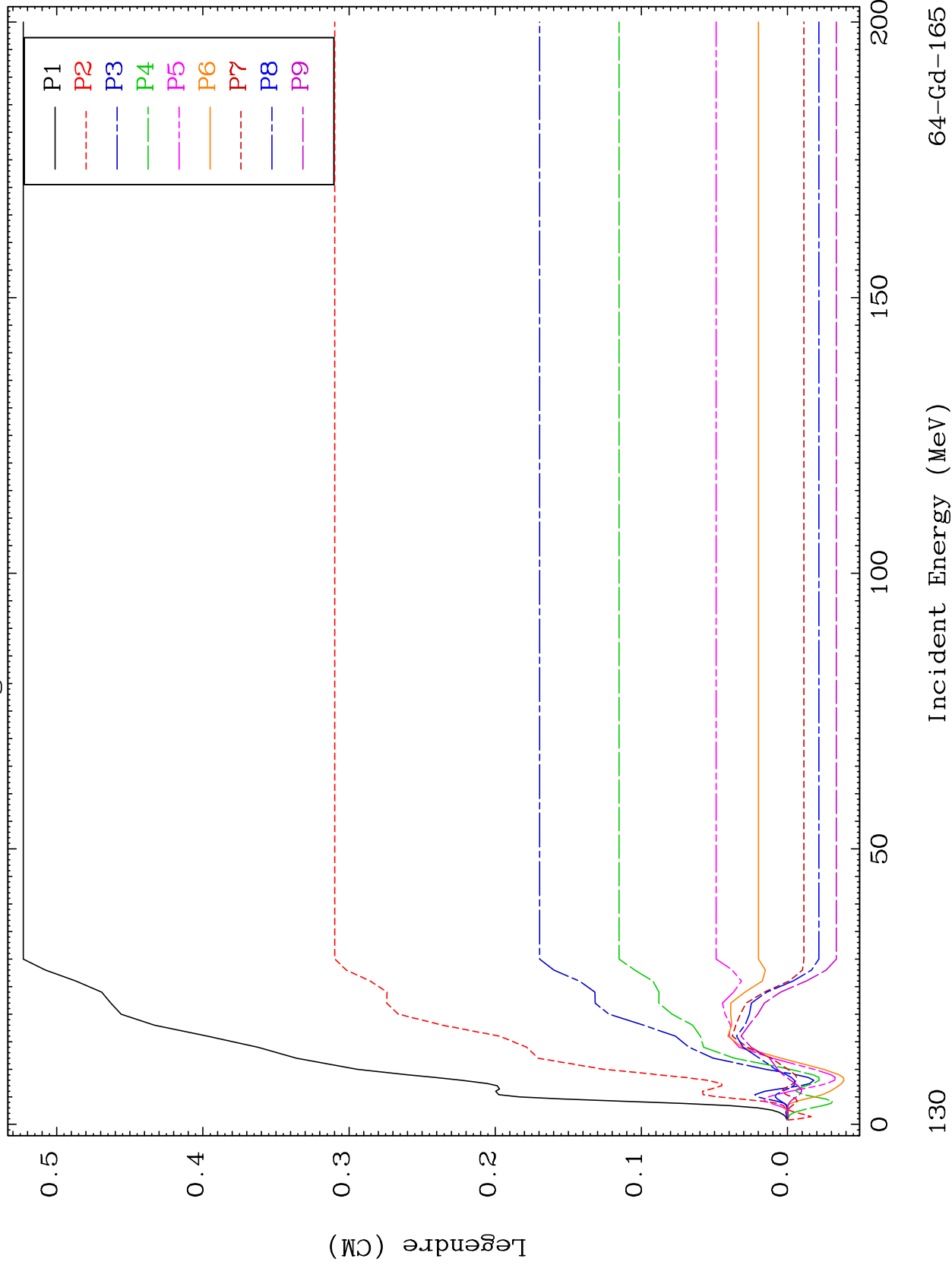
64-Gd-165



MAT 6464

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

64-Gd-165



64-Gd-165

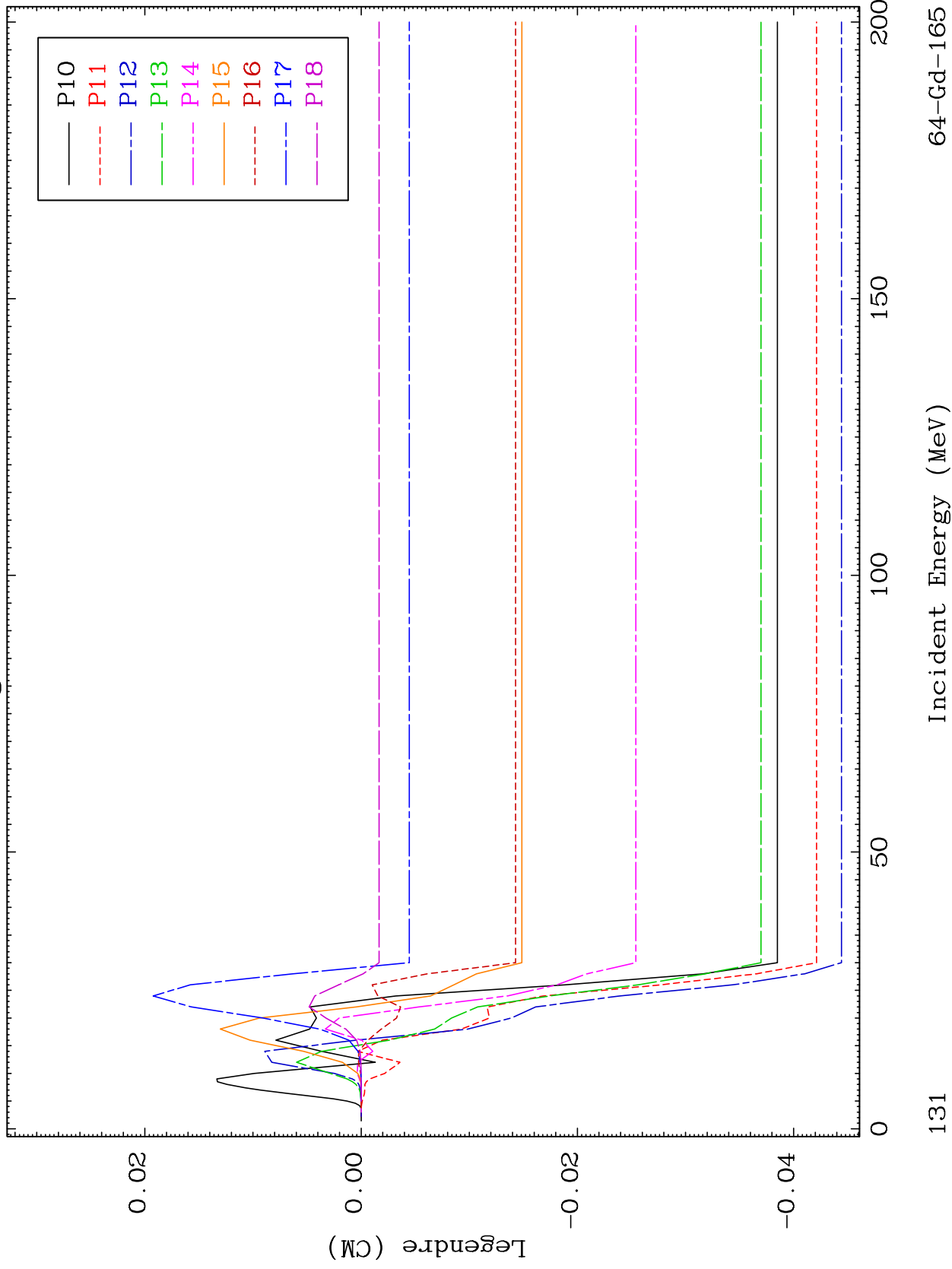
Incident Energy (MeV)

130

MAT 6464

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

64-Gd-165



131

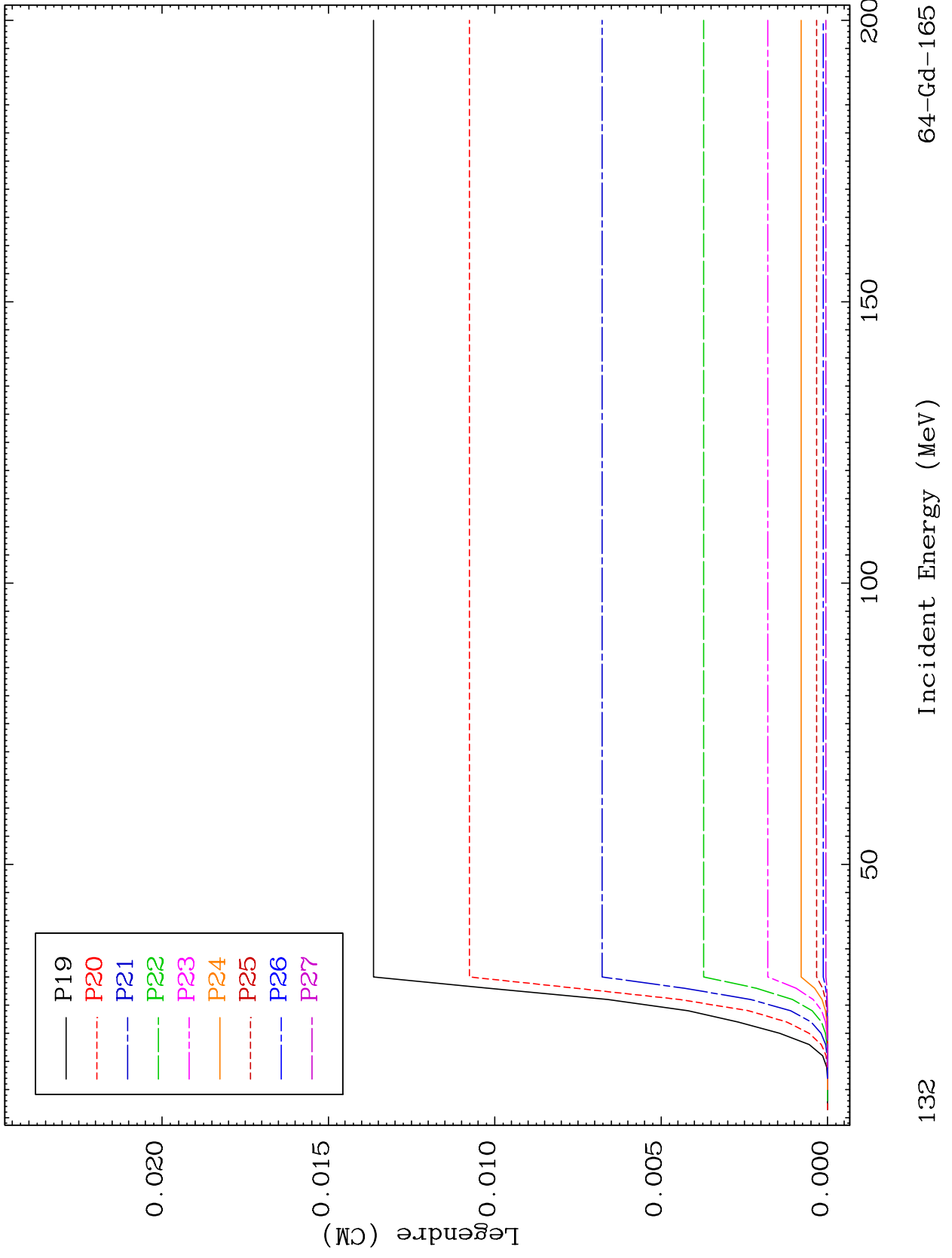
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

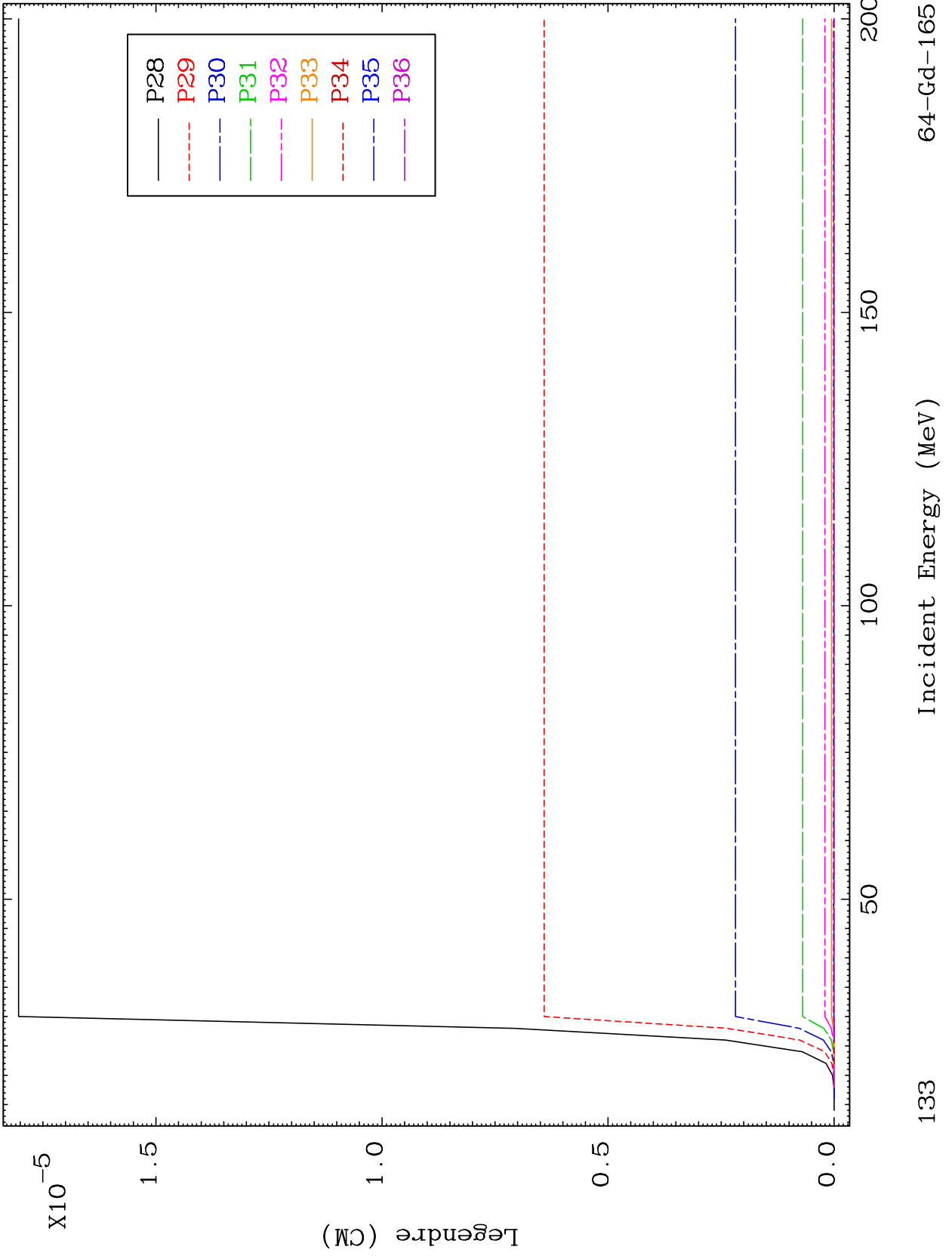
64-Gd-165



MAT 6464

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

64-Gd-165



133

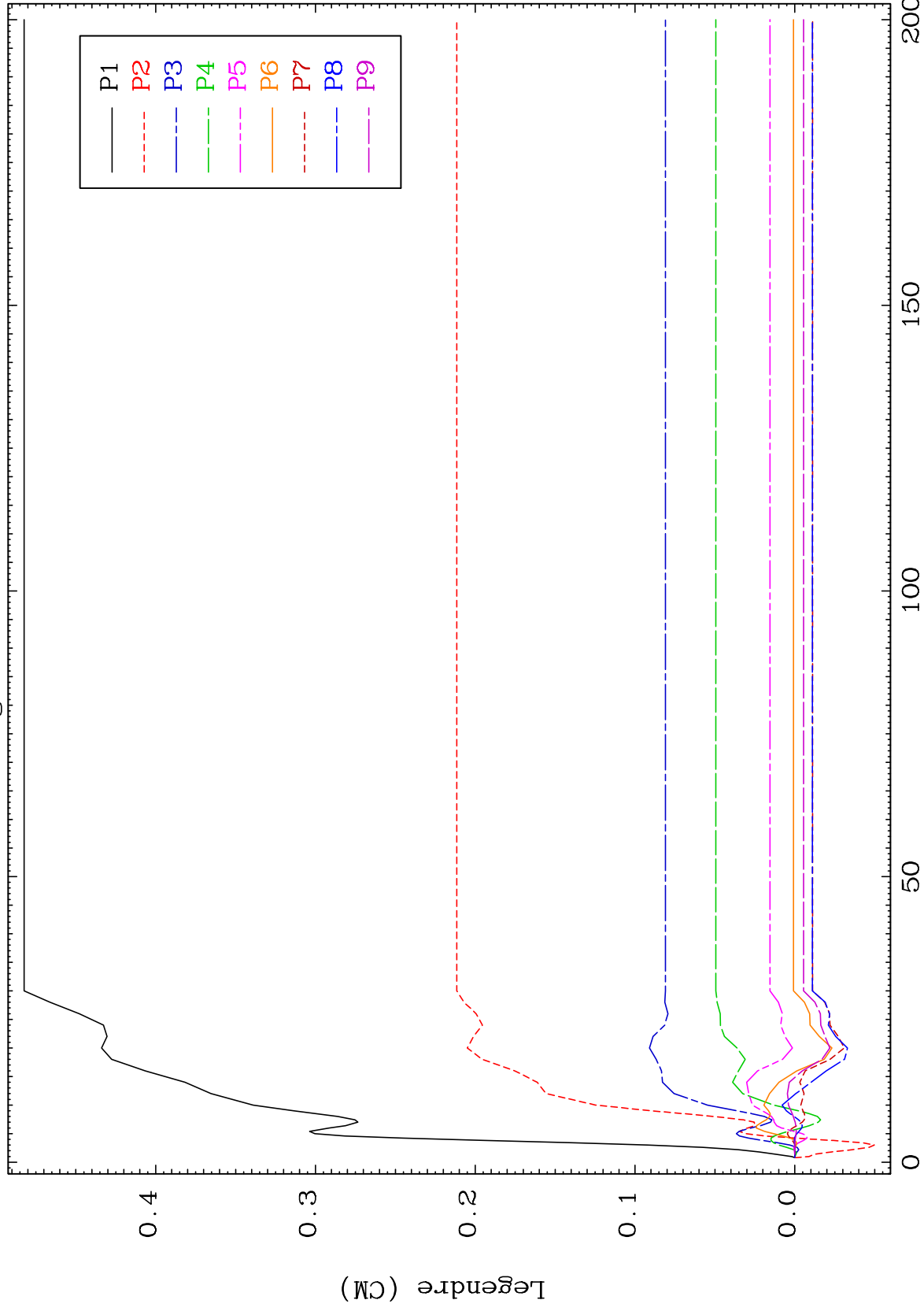
Incident Energy (MeV)

64-Gd-165

MAT 6464

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

64-Gd-165



134

Incident Energy (MeV)

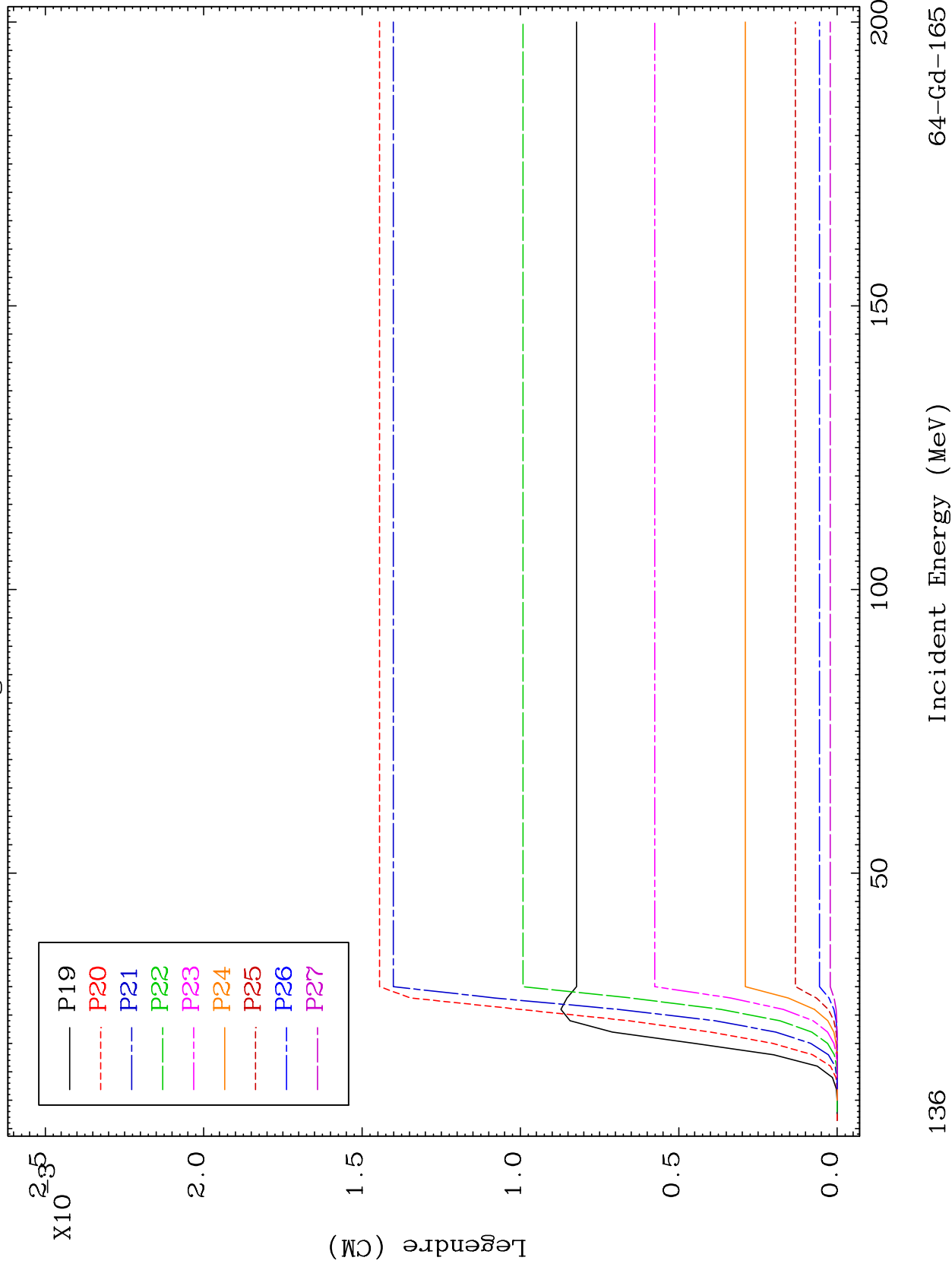
64-Gd-165



MAT 6464

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

64-Gd-165



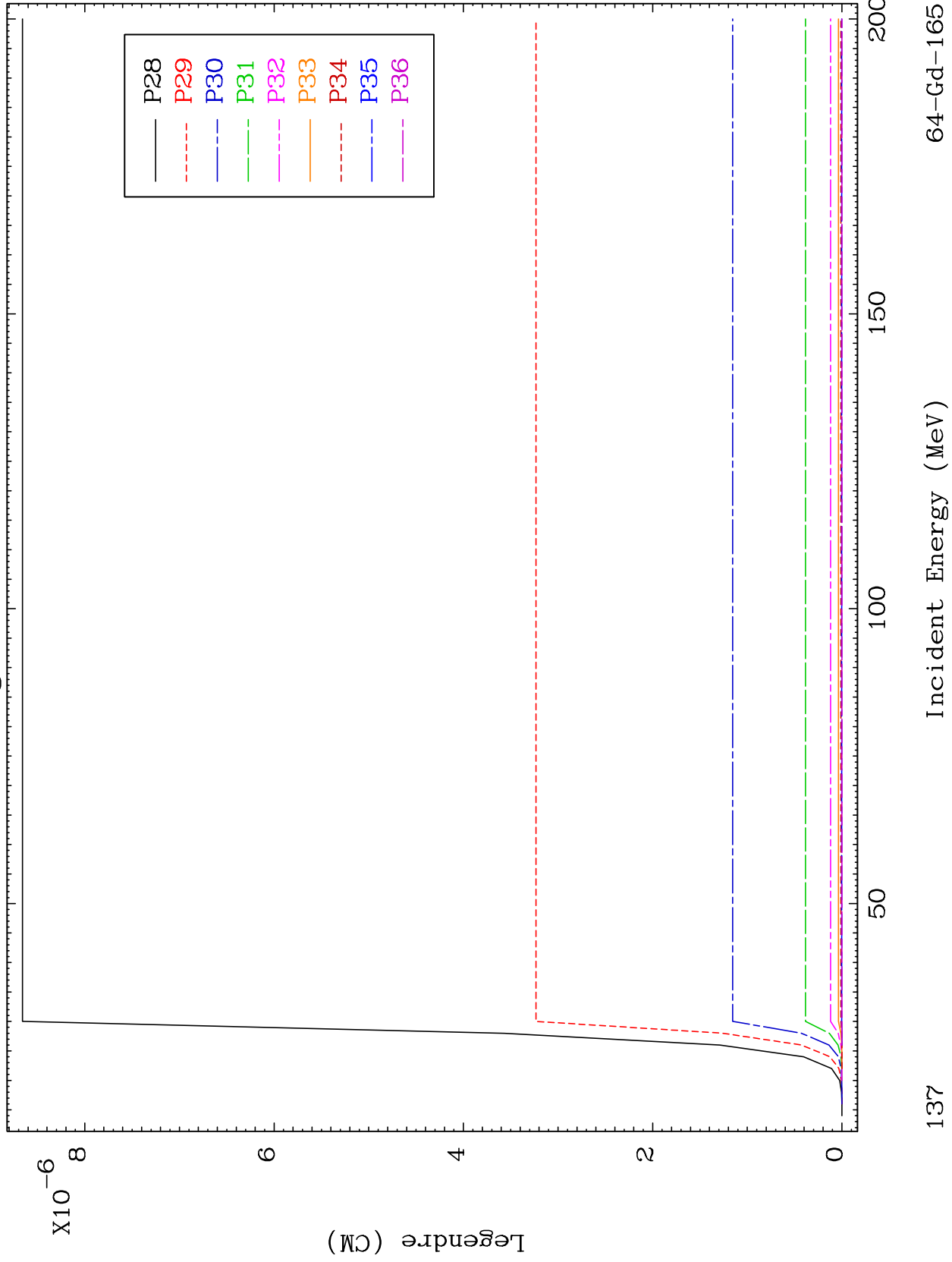
136

64-Gd-165

MAT 6464

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

64-Gd-165



137

Incident Energy (MeV)

64-Gd-165