

Program EVALPLOT  
(Version 2021-1)

by

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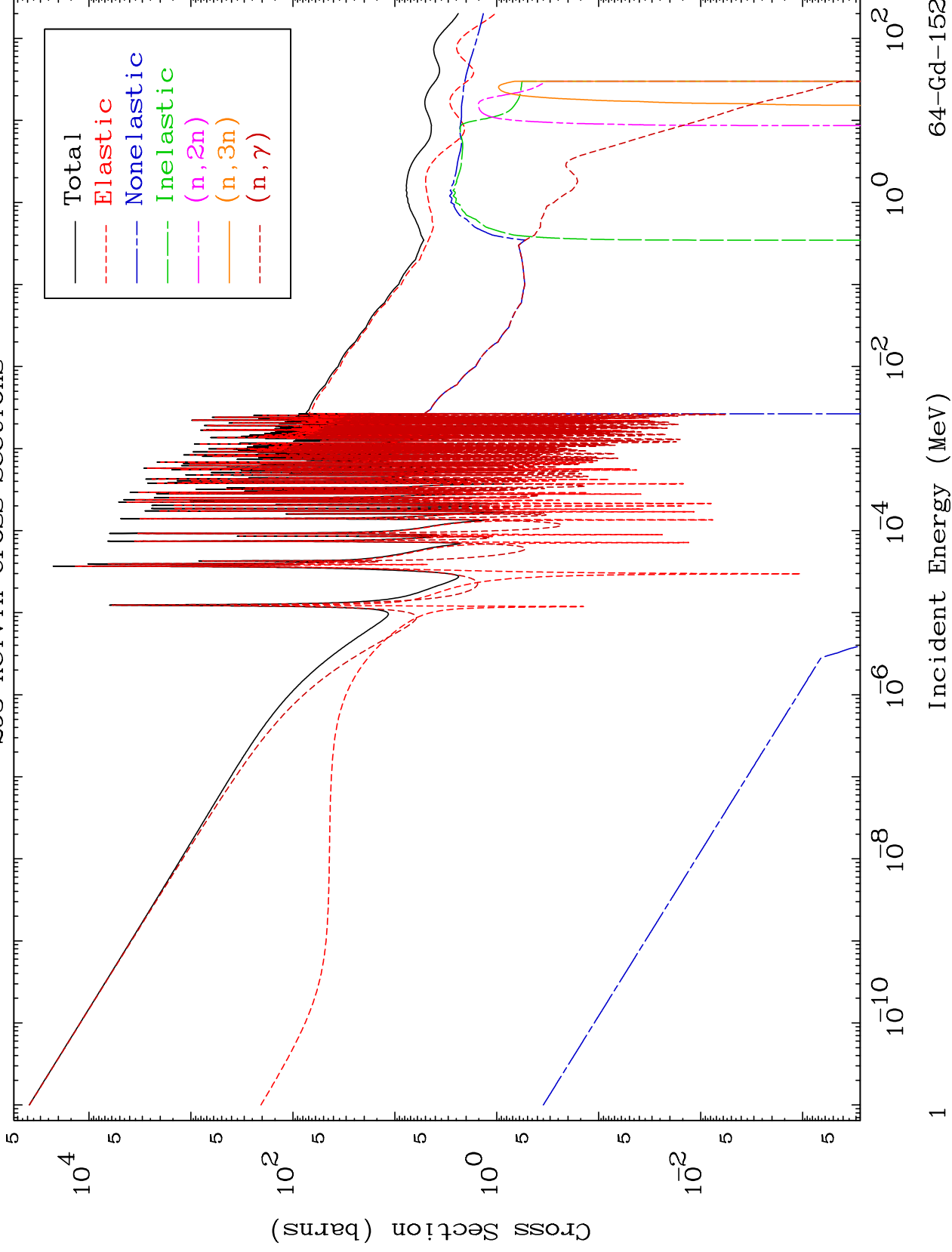
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Press Mouse Button to Start

MAT 6425

Neutron Major  
293 Kelvin Cross Sections

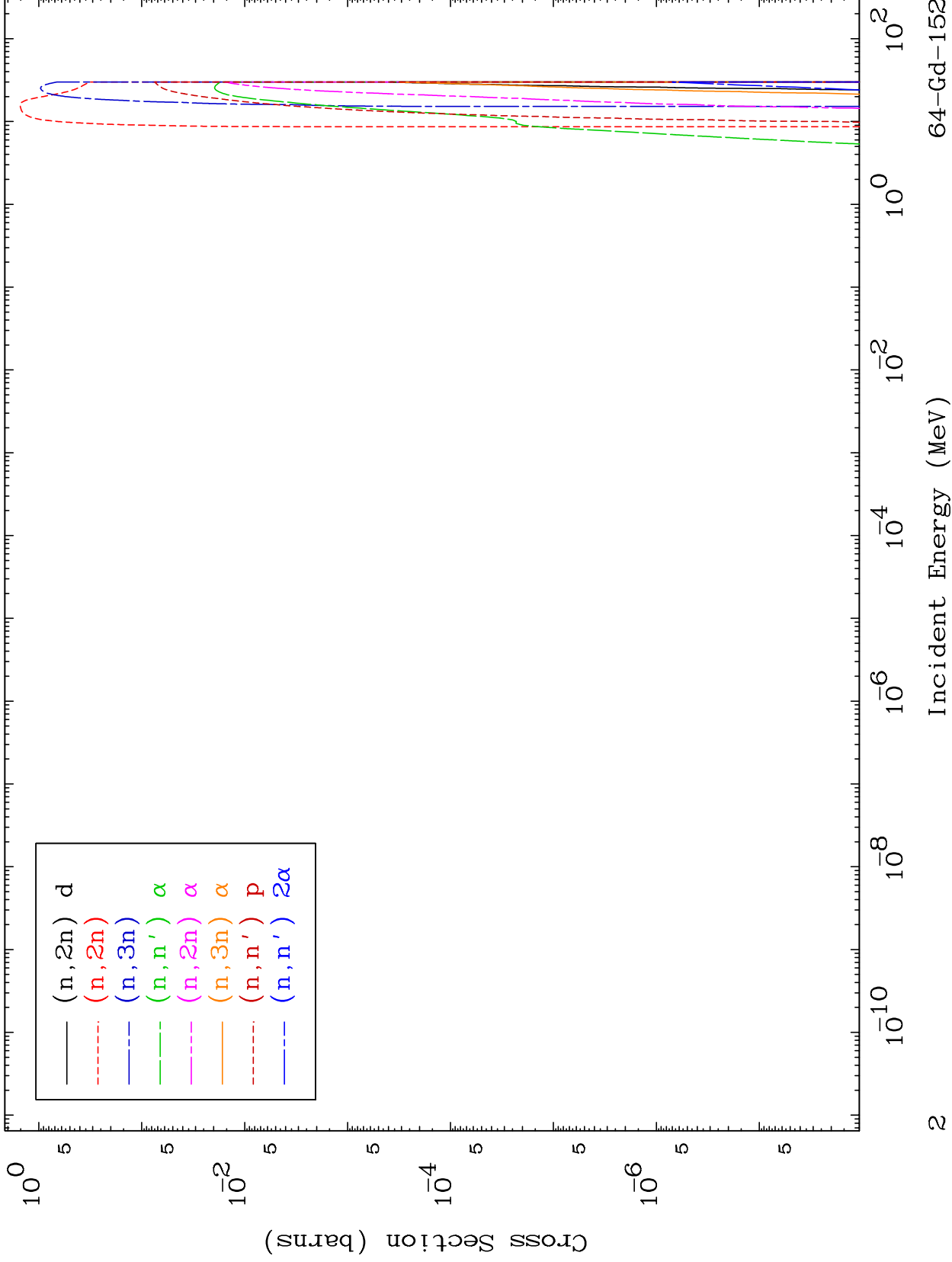
64-Gd-152



MAT 6425

Neutron Absorption  
293 Kelvin Cross Sections

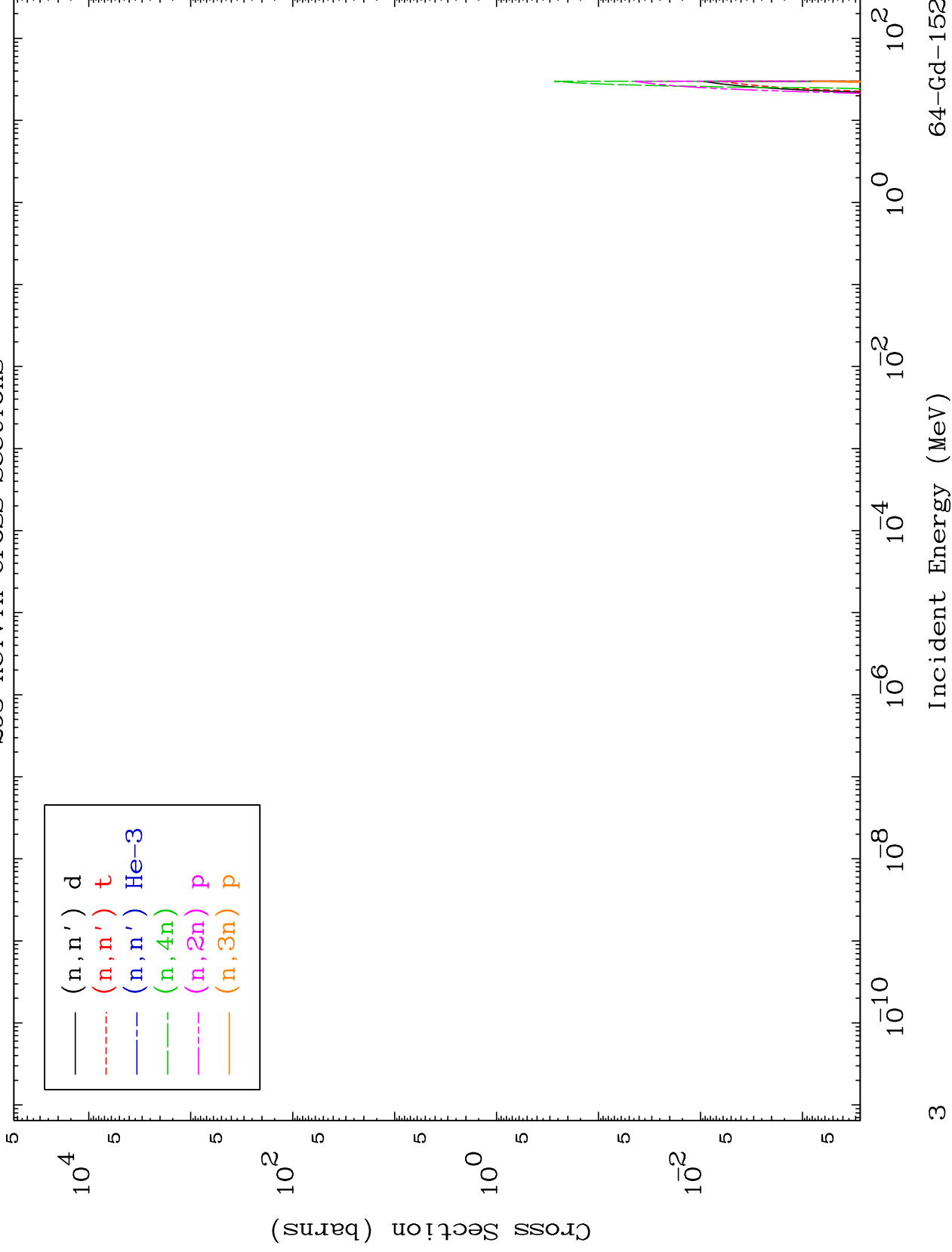
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MAT 6425

Neutron Absorption  
293 Kelvin Cross Sections

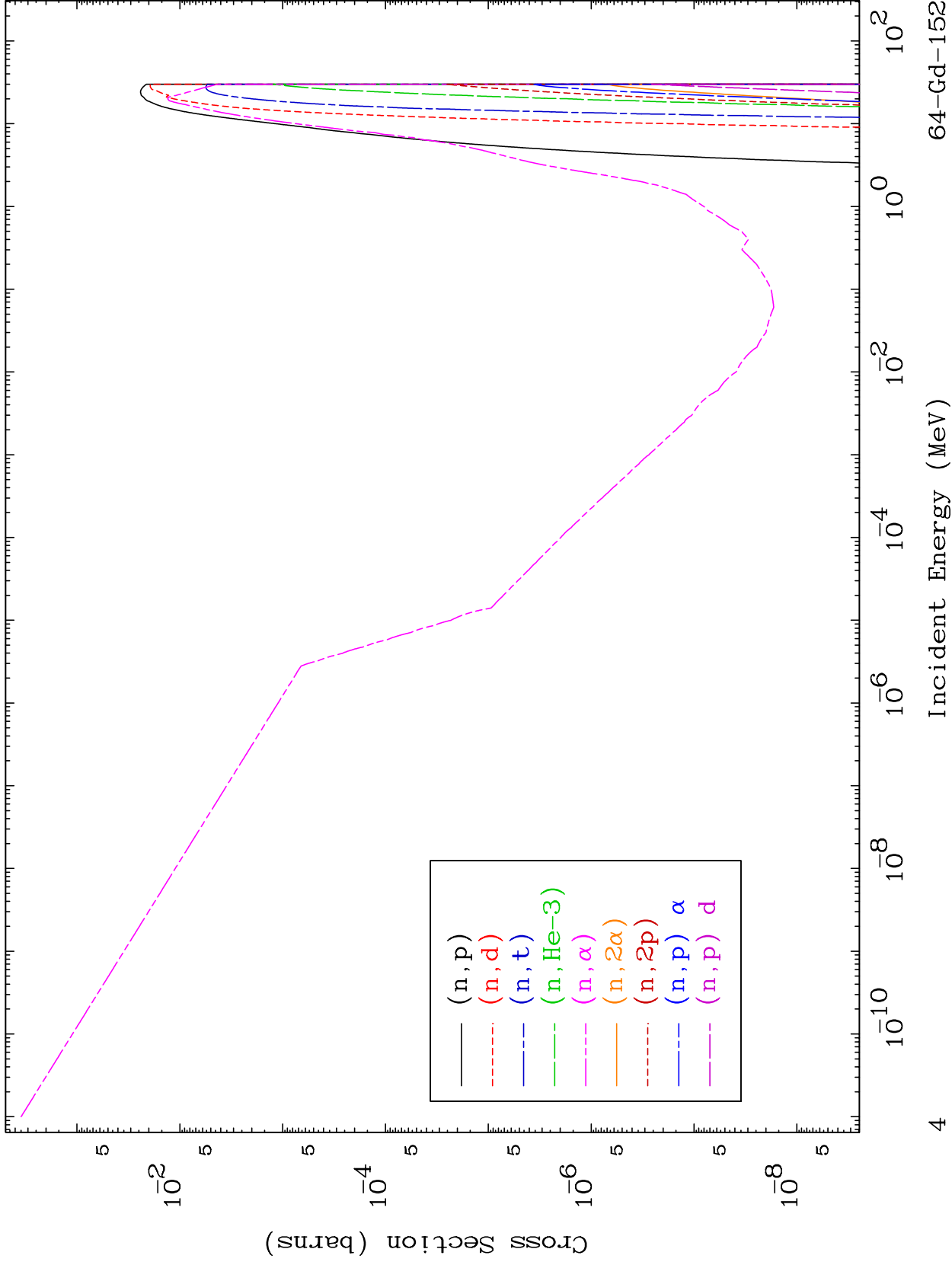
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MAT 6425

Neutron Absorption  
293 Kelvin Cross Sections

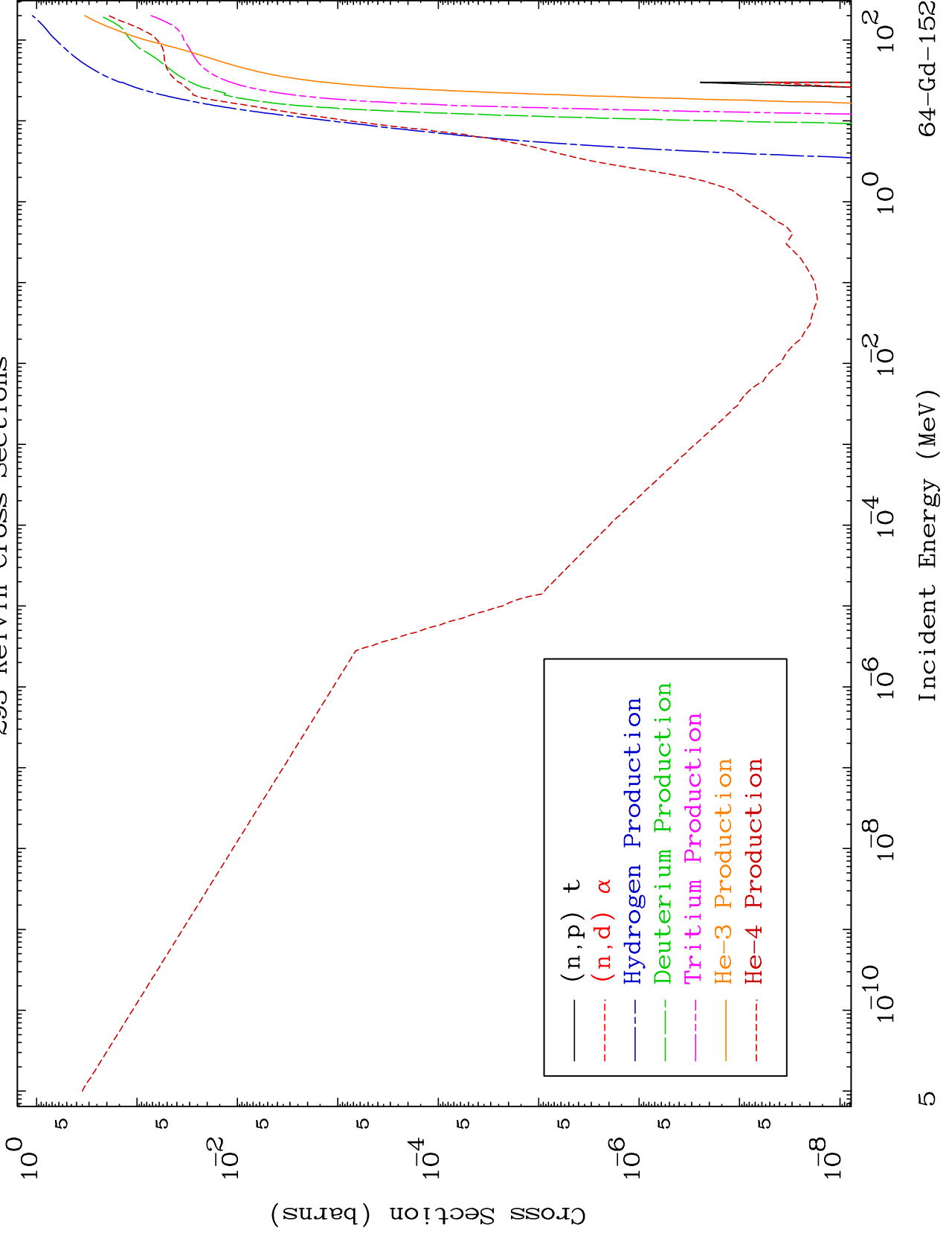
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MAT 6425

Neutron Absorption  
293 Kelvin Cross Sections

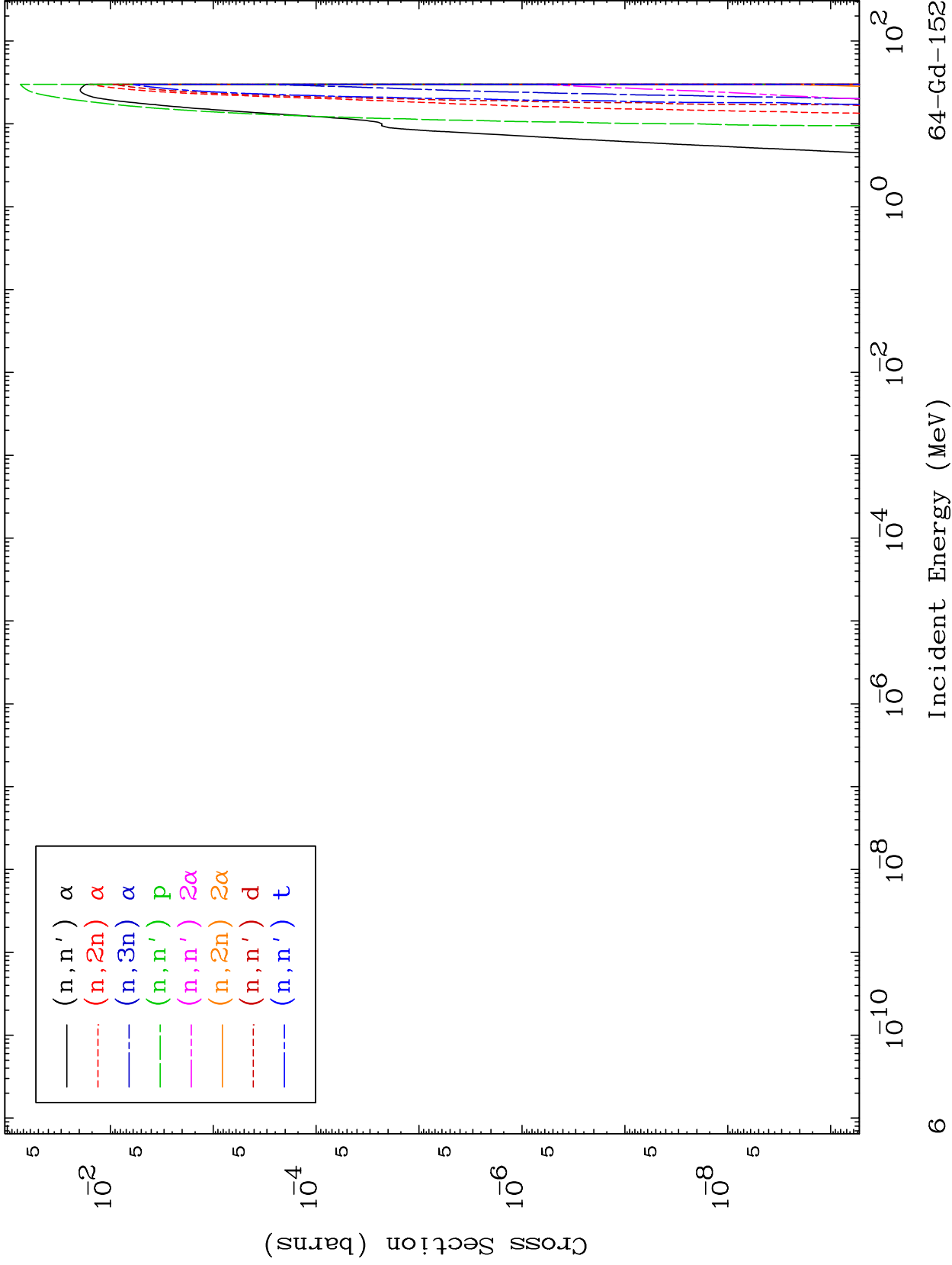
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MAT 6425

Charged Particle  
293 Kelvin Cross Sections

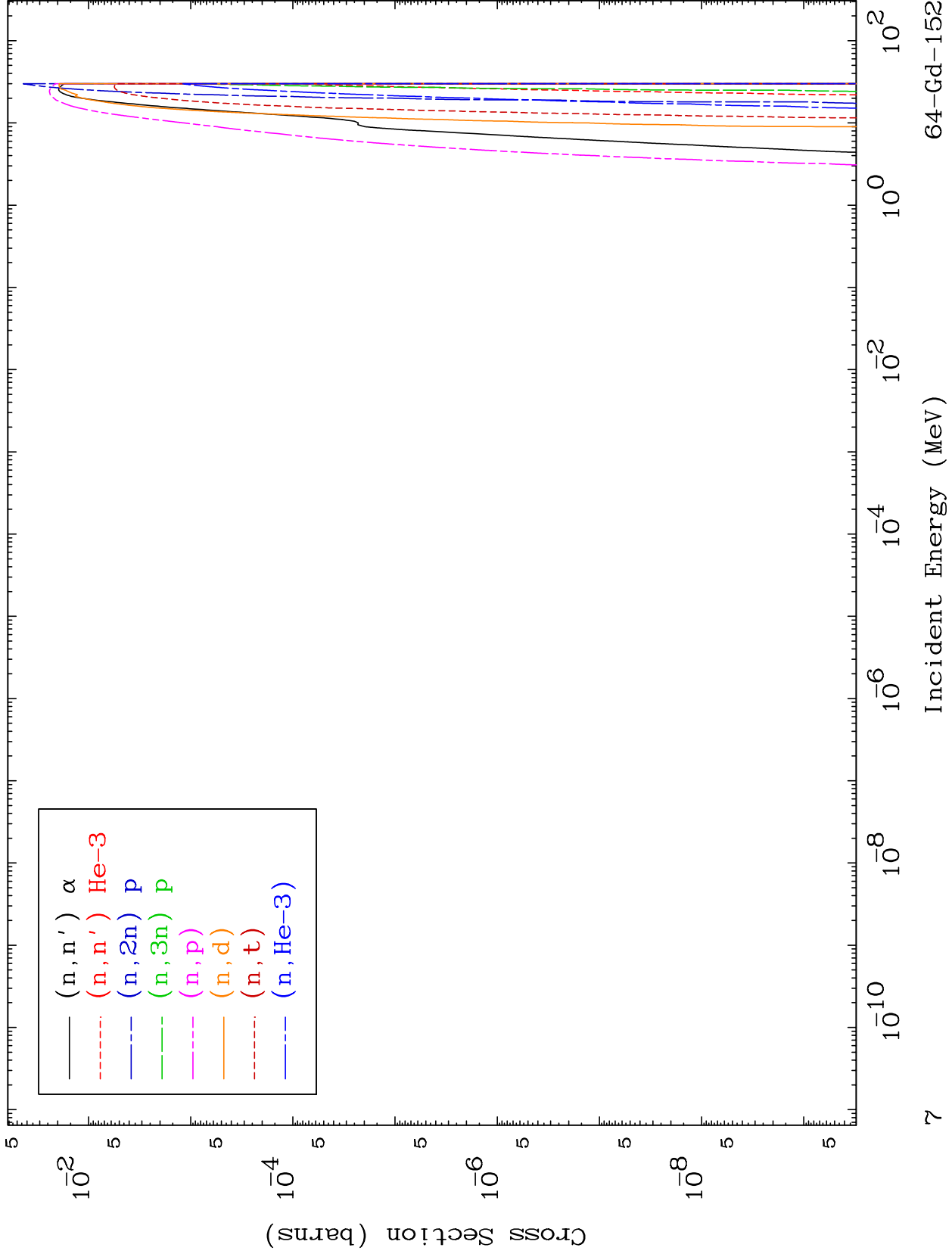
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MAT 6425

Charged Particle  
293 Kelvin Cross Sections

64-Gd-152

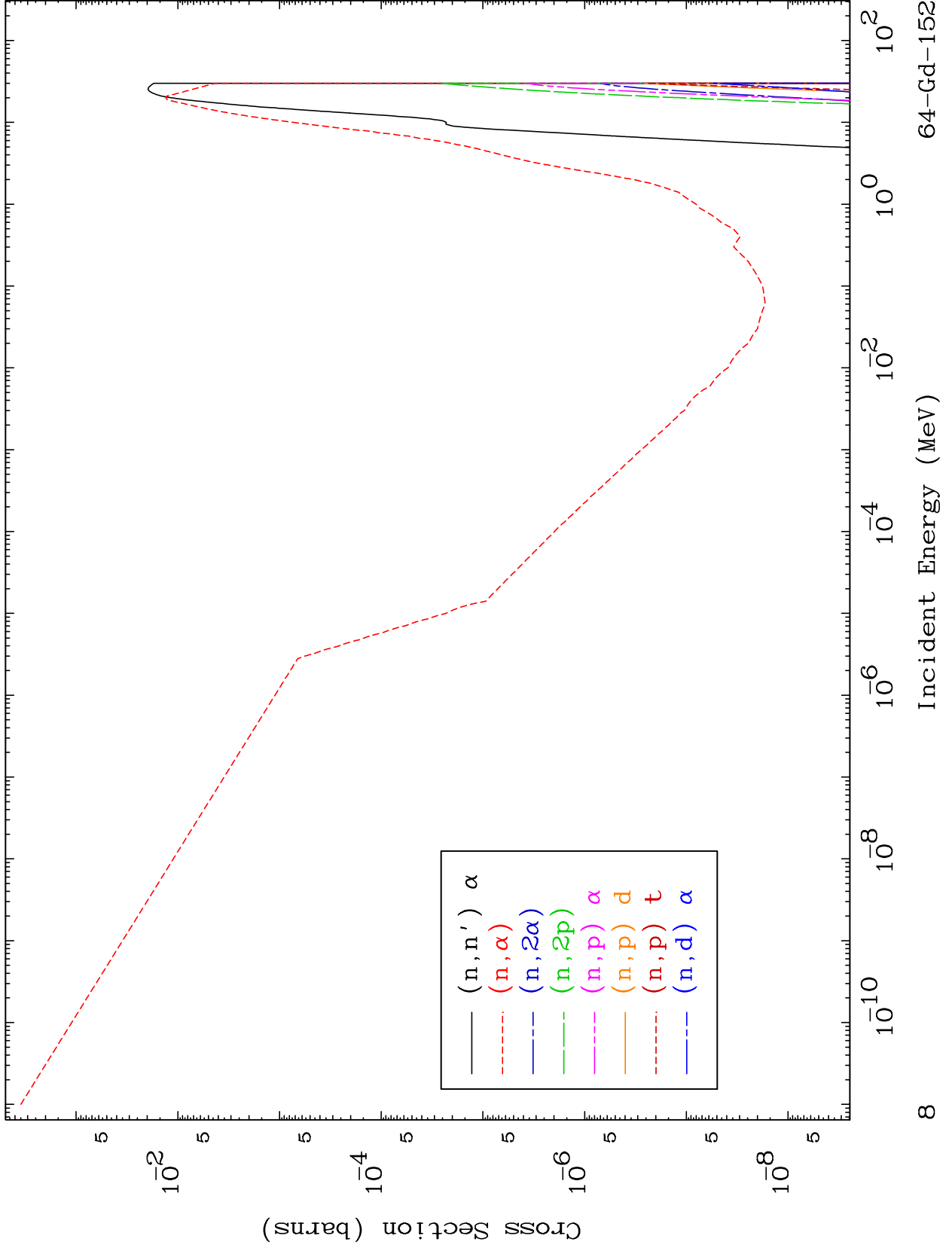




MAT 6425

Charged Particle  
293 Kelvin Cross Sections

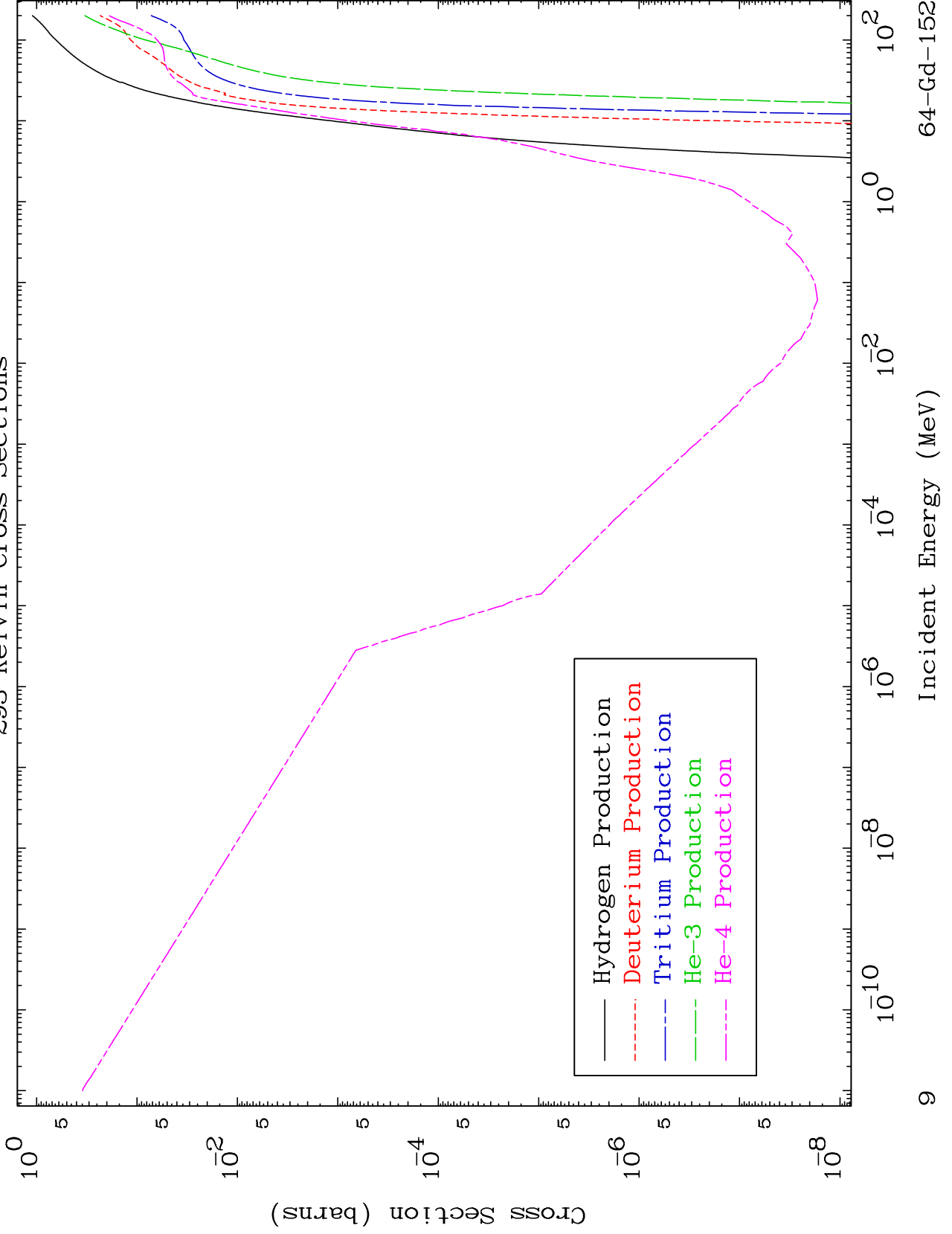
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MAT 6425

Particle Production  
293 Kelvin Cross Sections

64-Gd-152

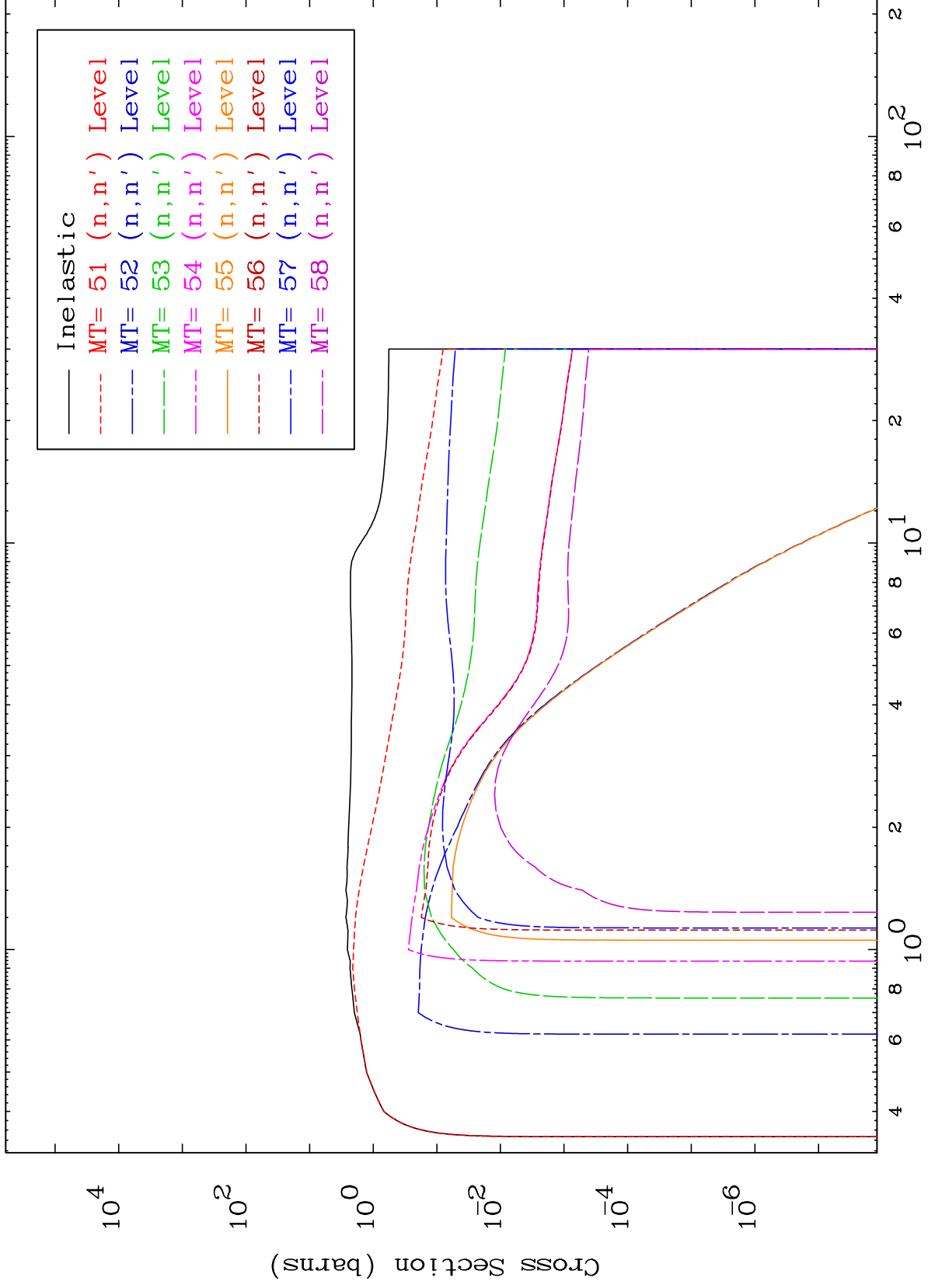


MAT 6425

(n,n') Levels

64-Gd-152

293 Kelvin Cross Sections



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Incident Energy (MeV)

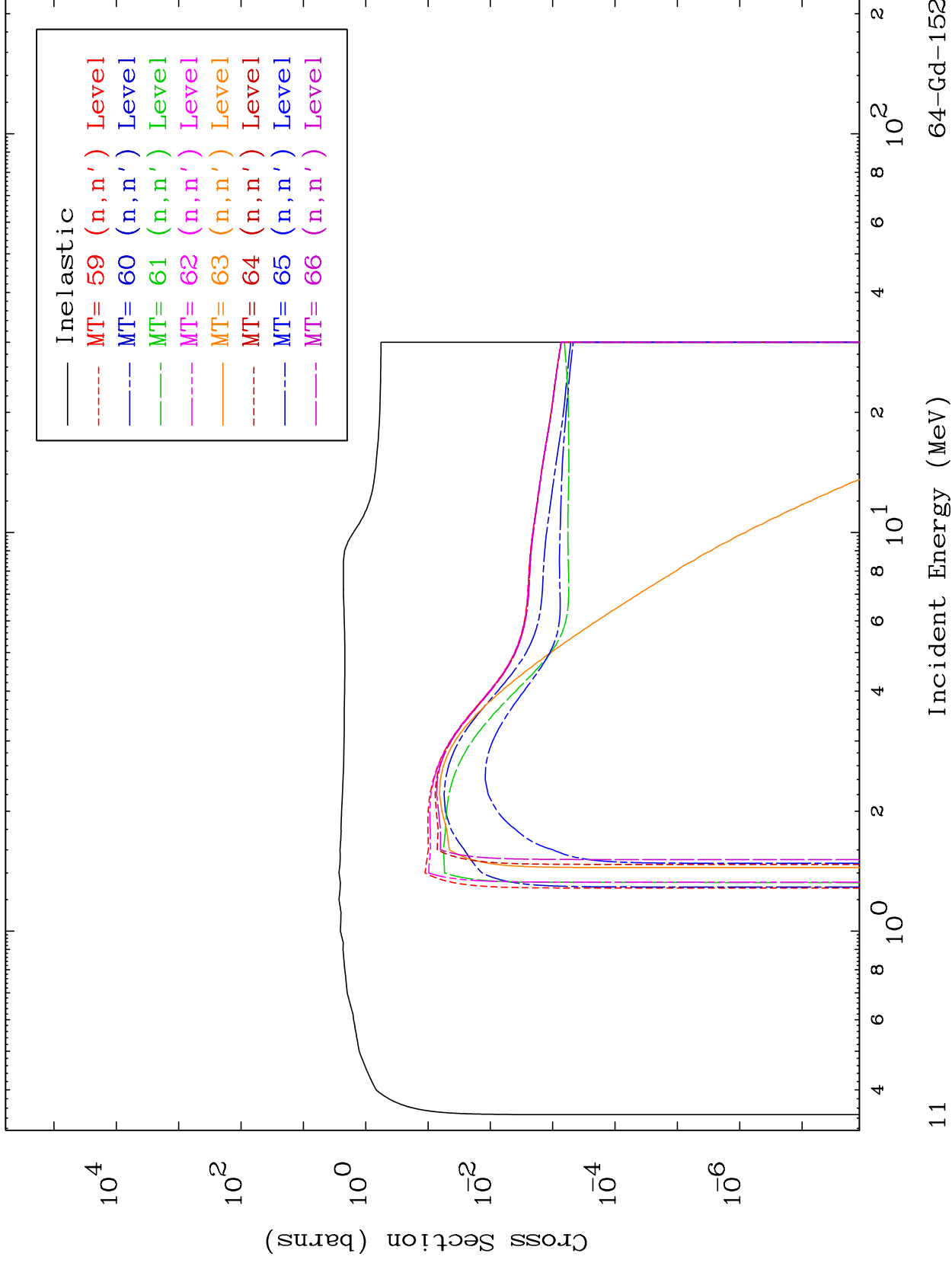
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MAT 6425

(n,n') Levels

293 Kelvin Cross Sections

64-Gd-152



11

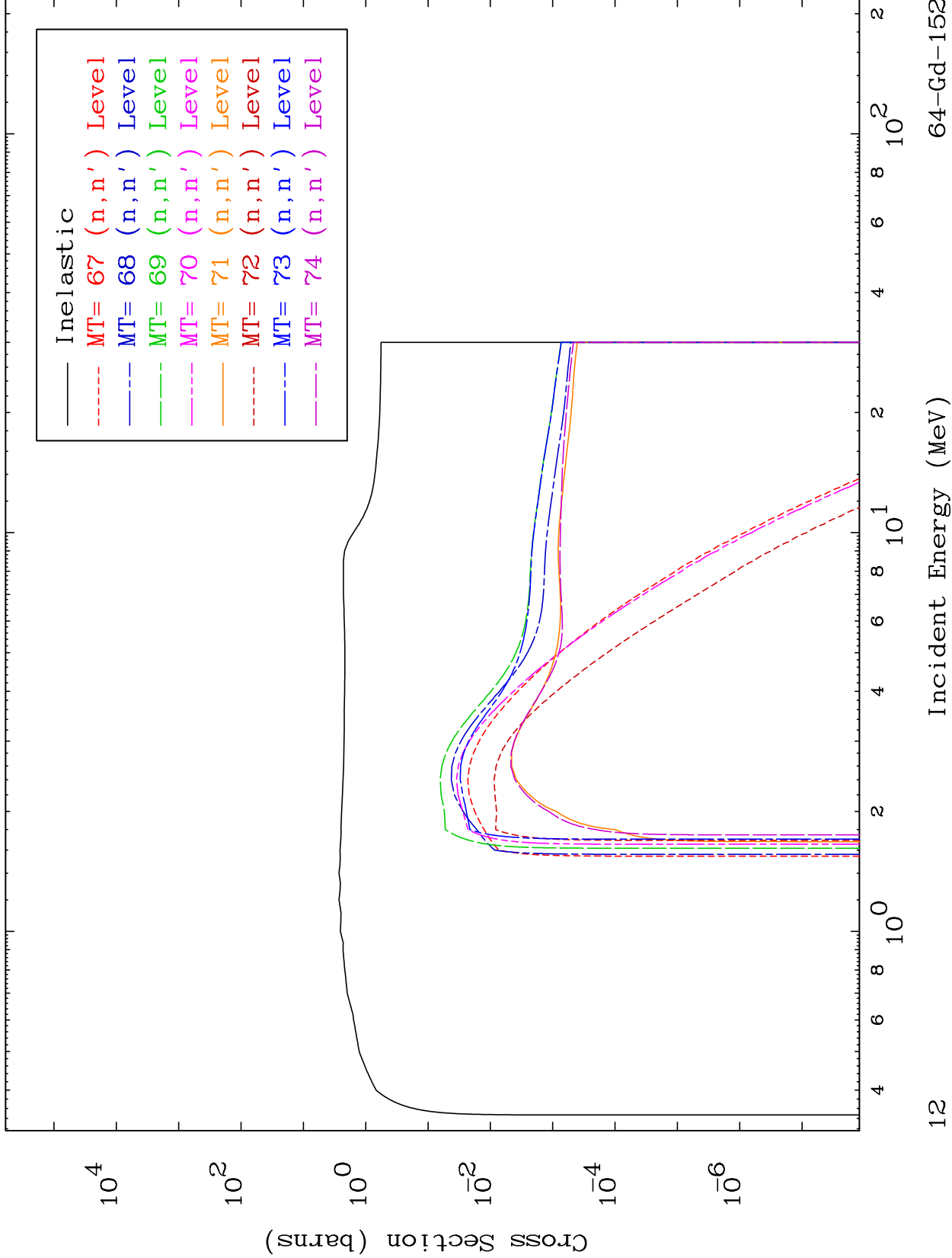
Incident Energy (MeV)

64-Gd-152

MAT 6425

(n,n') Levels  
293 Kelvin Cross Sections

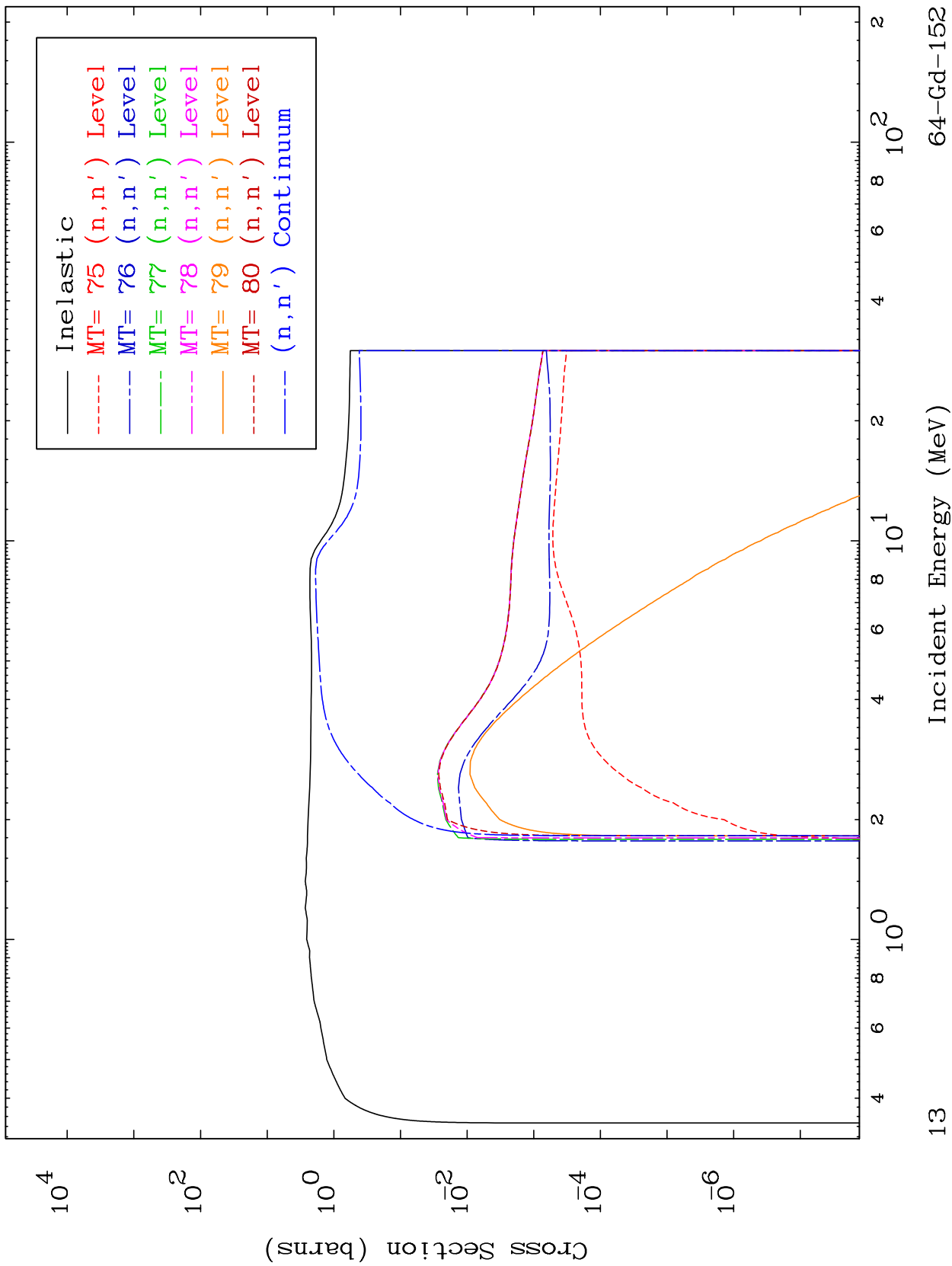
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Incident Energy (MeV)

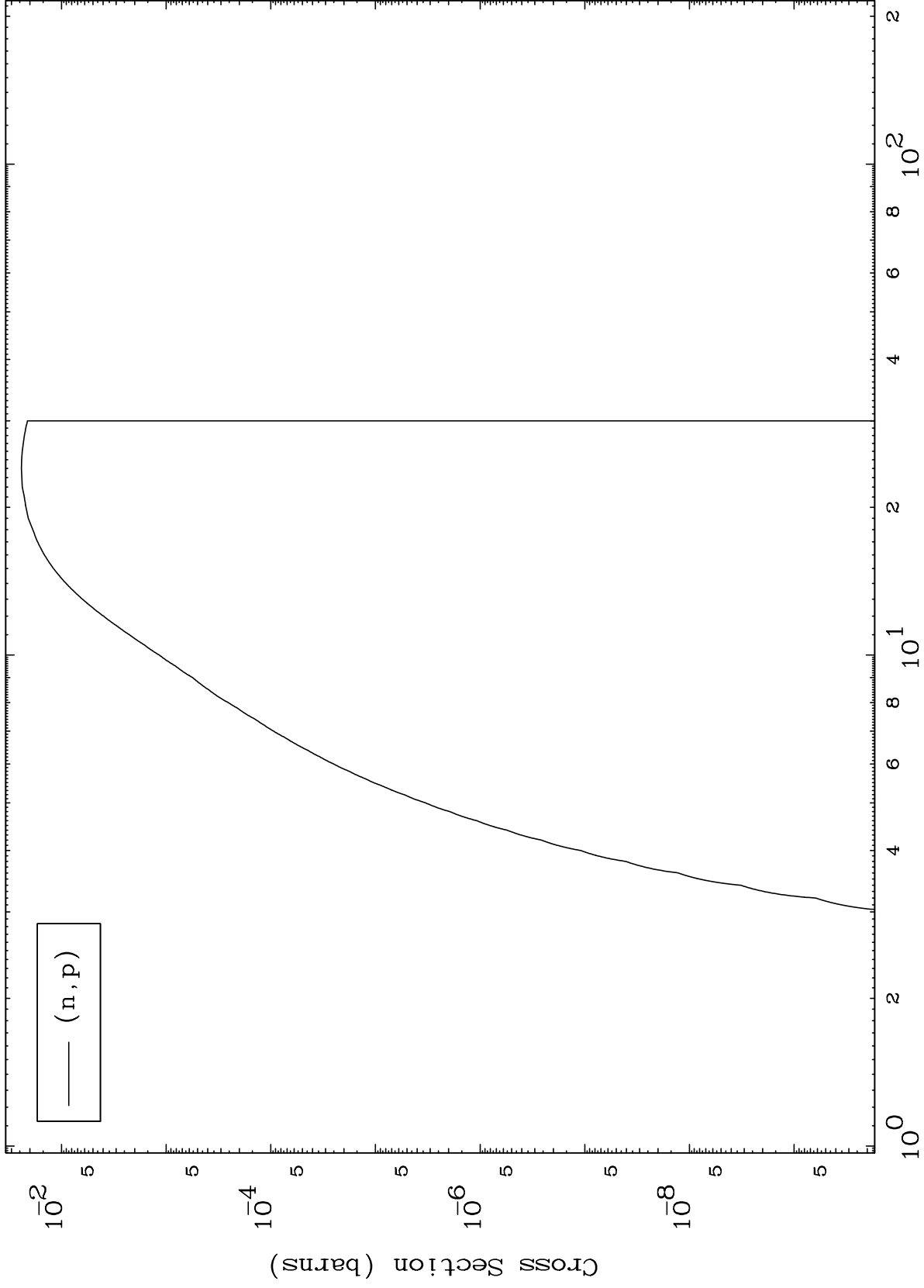
64-Gd-152



MAT 6425

(n,p) Levels  
293 Kelvin Cross Sections

64-Gd-152



14

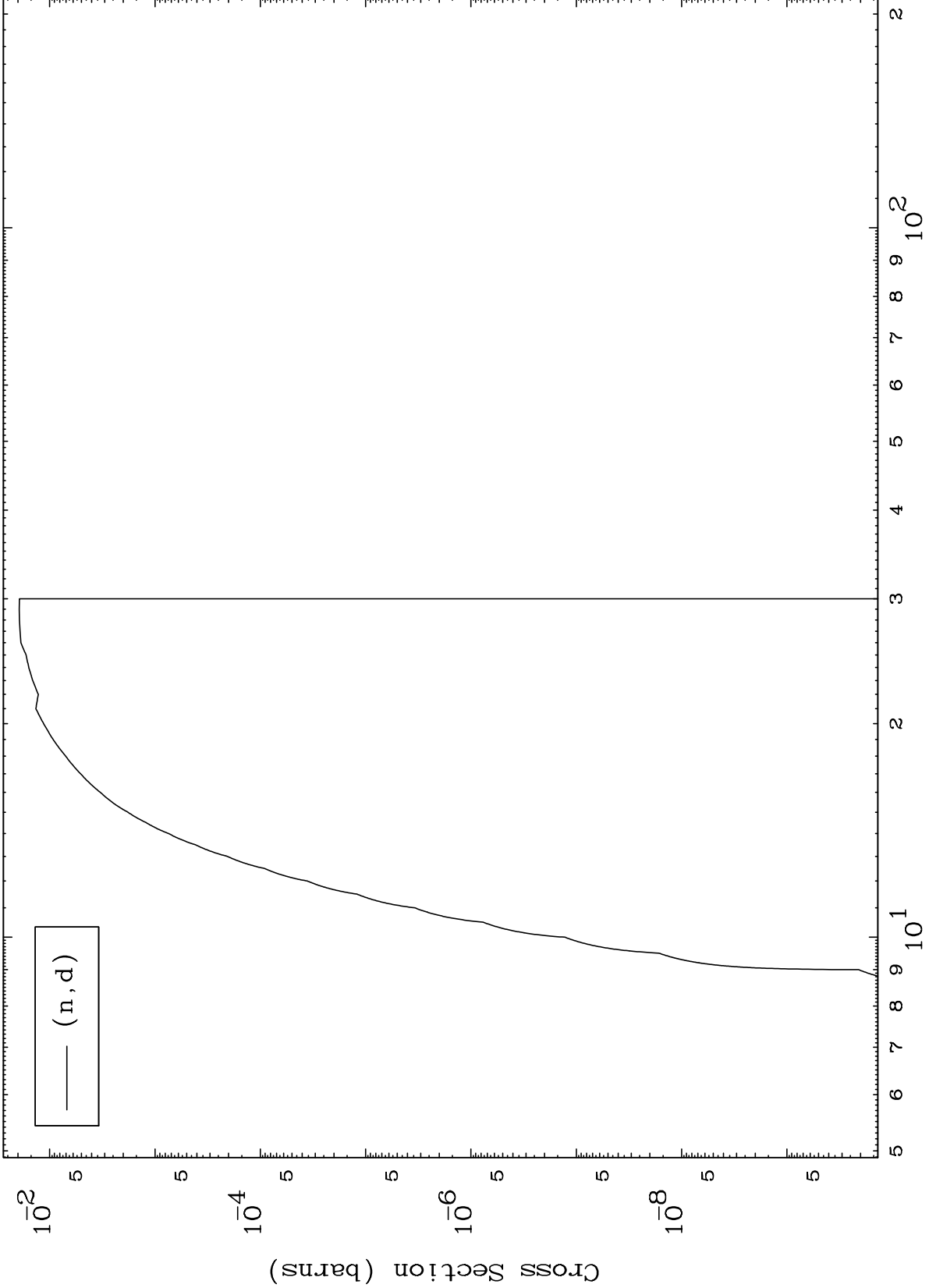
Incident Energy (MeV)

64-Gd-152

MAT 6425

(n,d) Levels  
293 Kelvin Cross Sections

64-Gd-152



15

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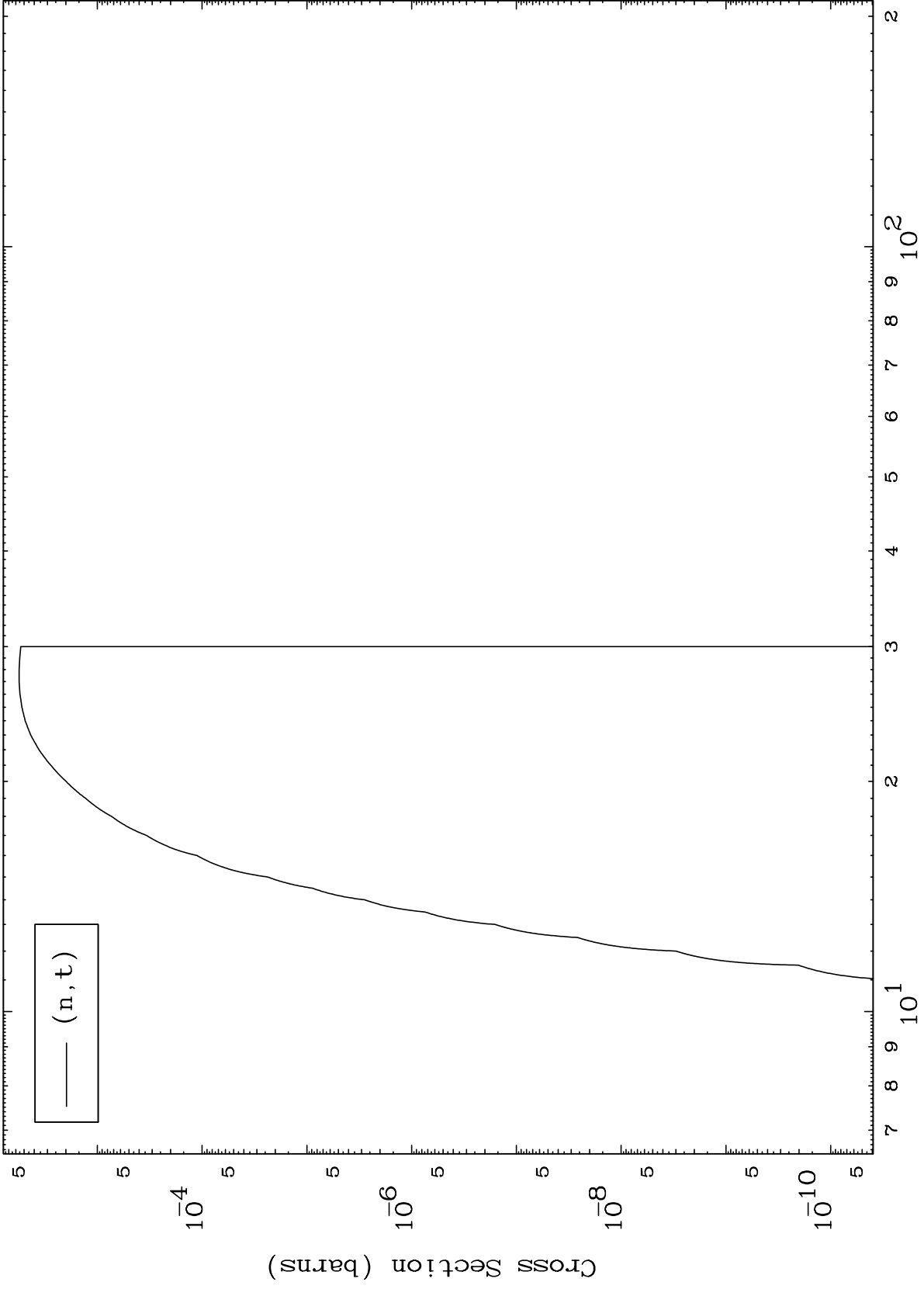
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MAT 6425

(n,t) Levels  
293 Kelvin Cross Sections

64-Gd-152



16

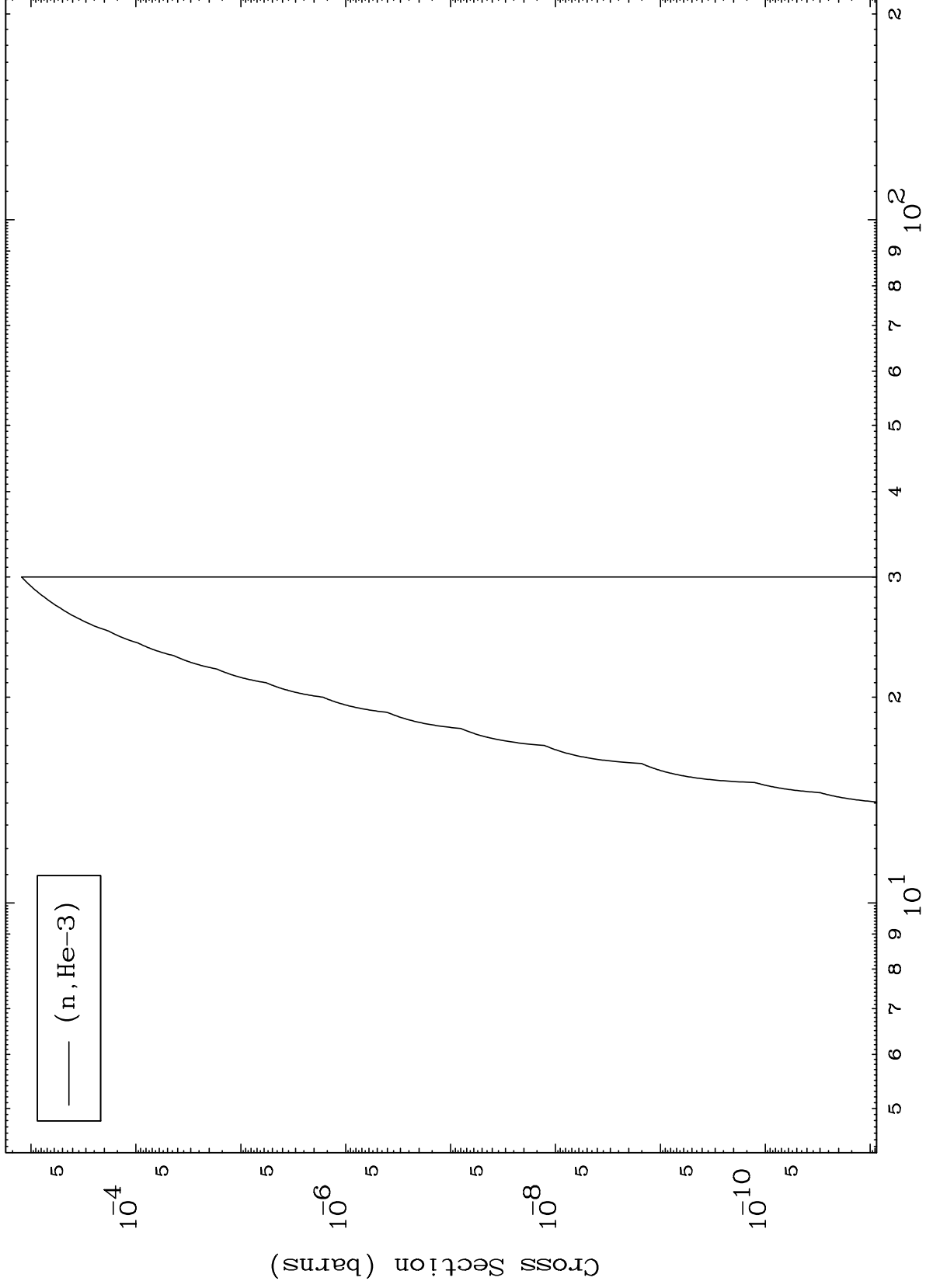
Incident Energy (MeV)

64-Gd-152

MAT 6425

(n,He3) Levels  
293 Kelvin Cross Sections

64-Gd-152



17

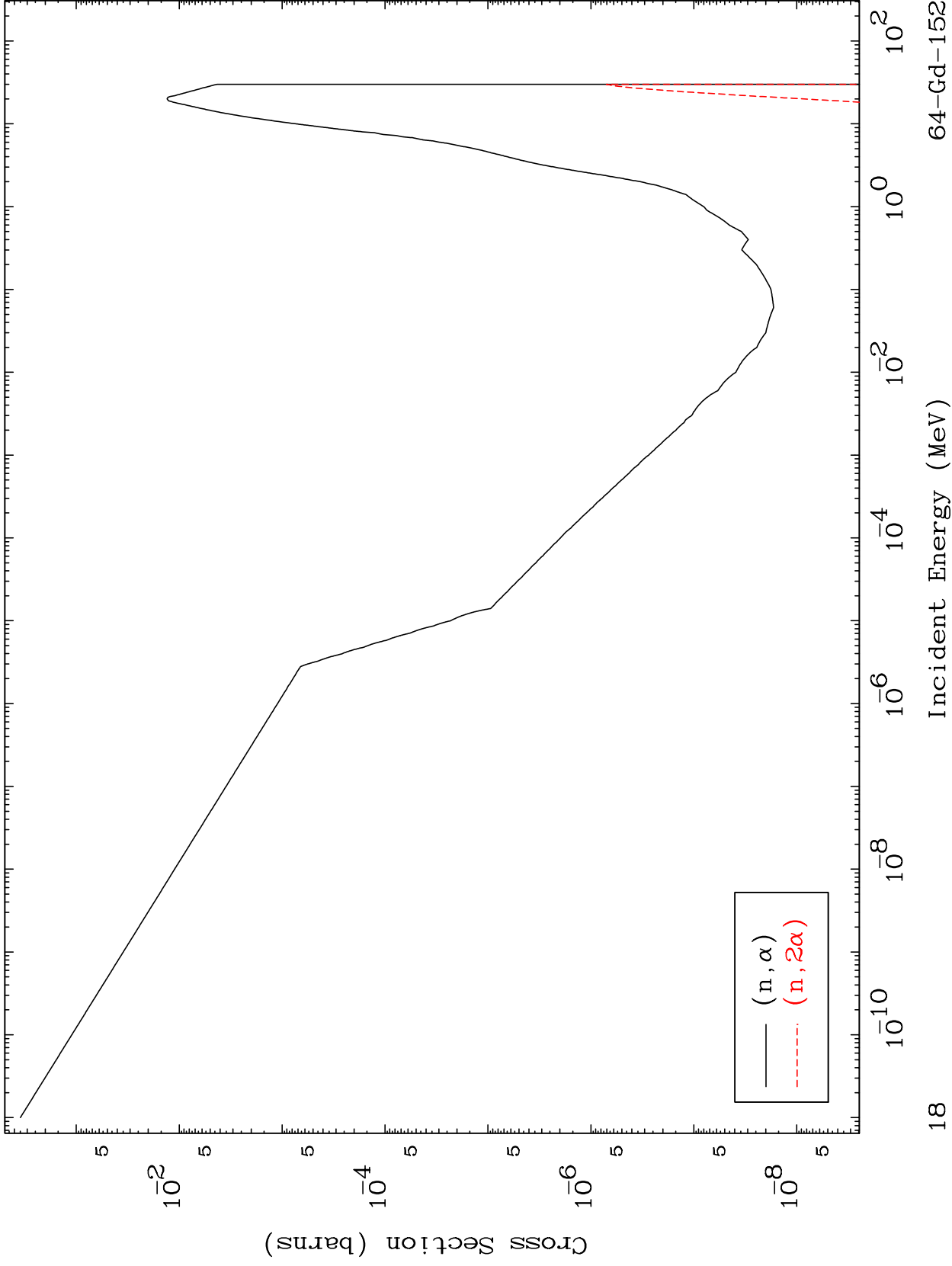
Incident Energy (MeV)

64-Gd-152

MAT 6425

293 (n,α) Levels  
Kelvin Cross Sections

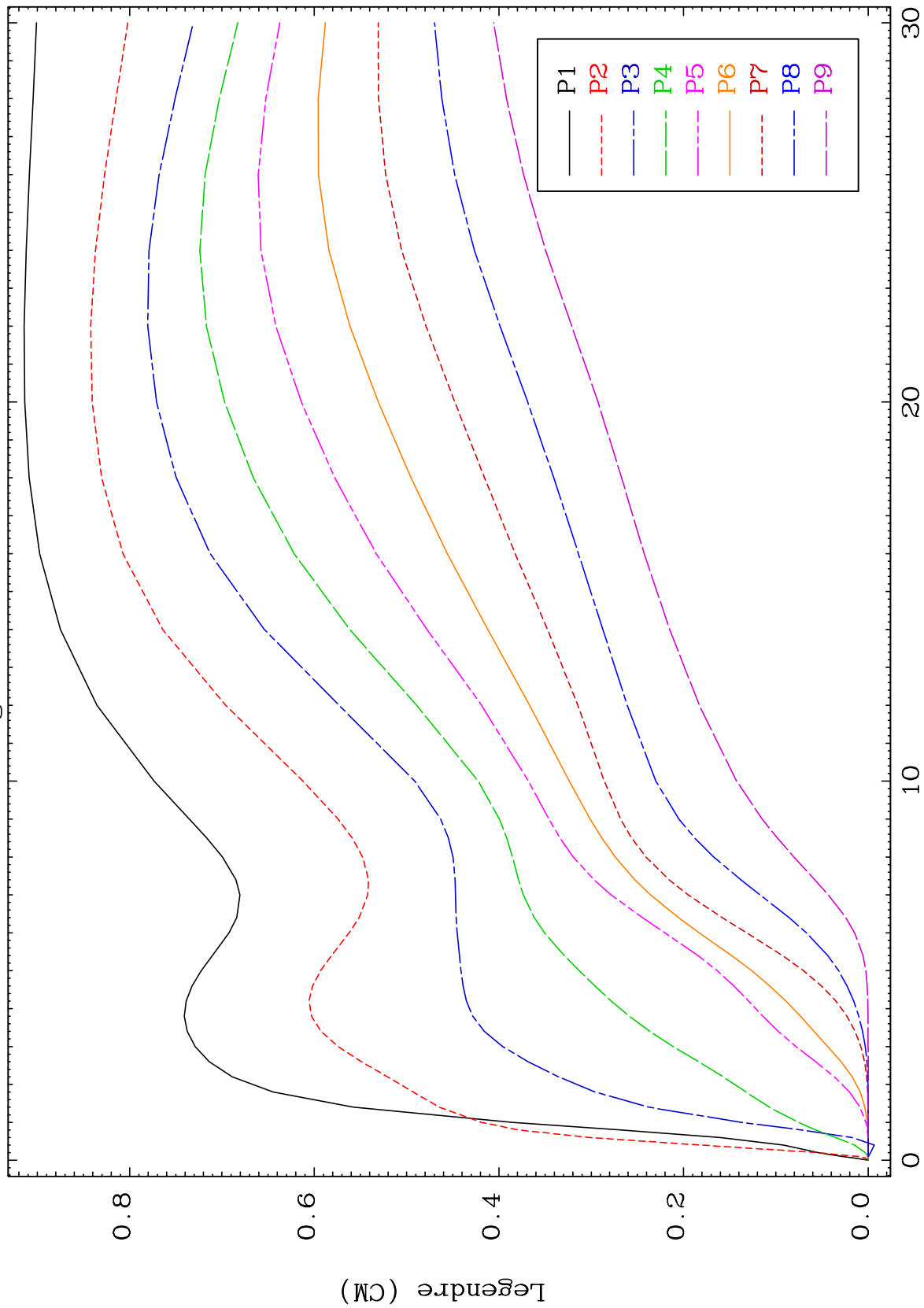
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MAT 6425

Elastic Legendre Coefficients

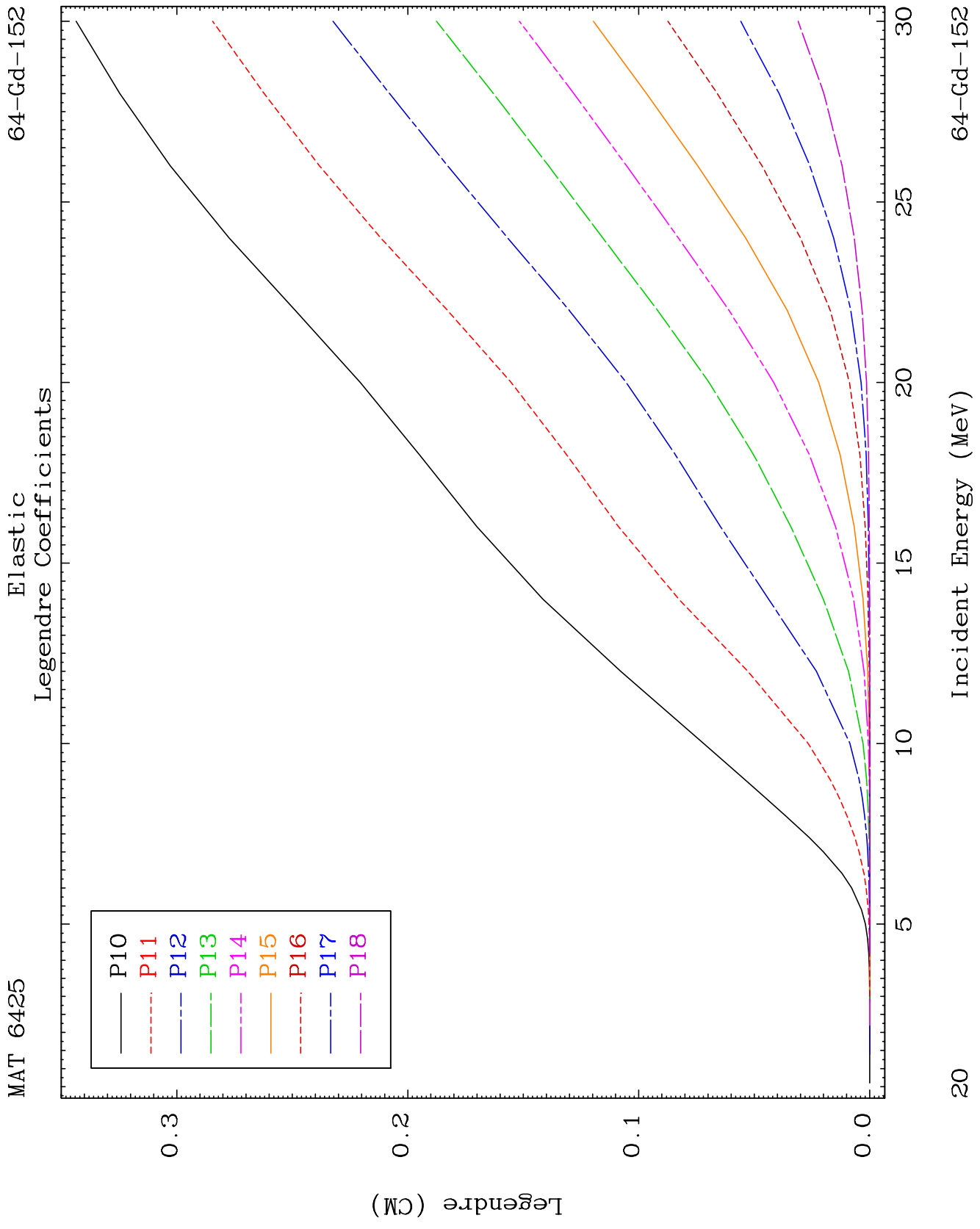
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Incident Energy (MeV)

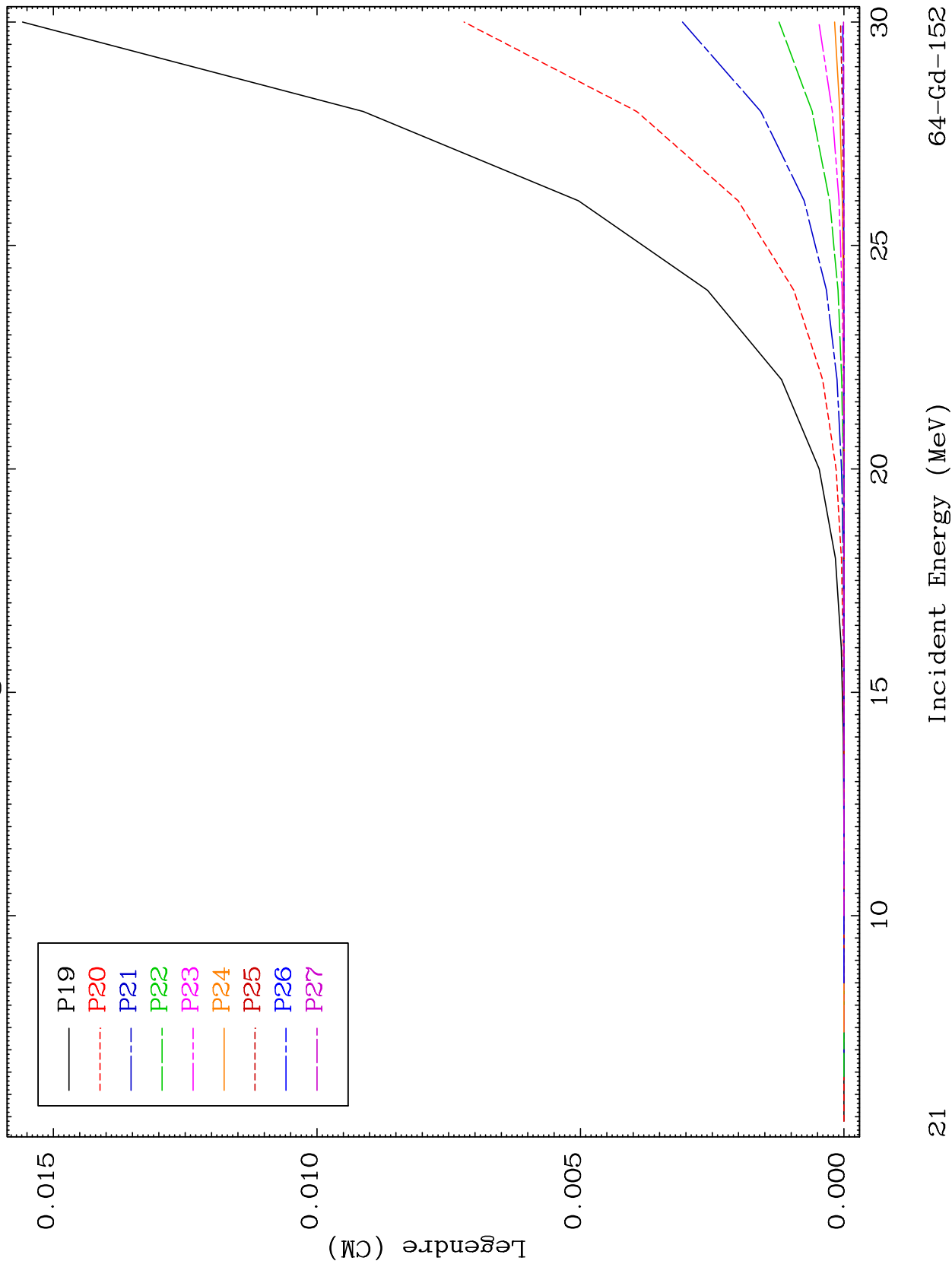
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MAT 6425

Elastic  
Legendre Coefficients

64-Gd-152



21

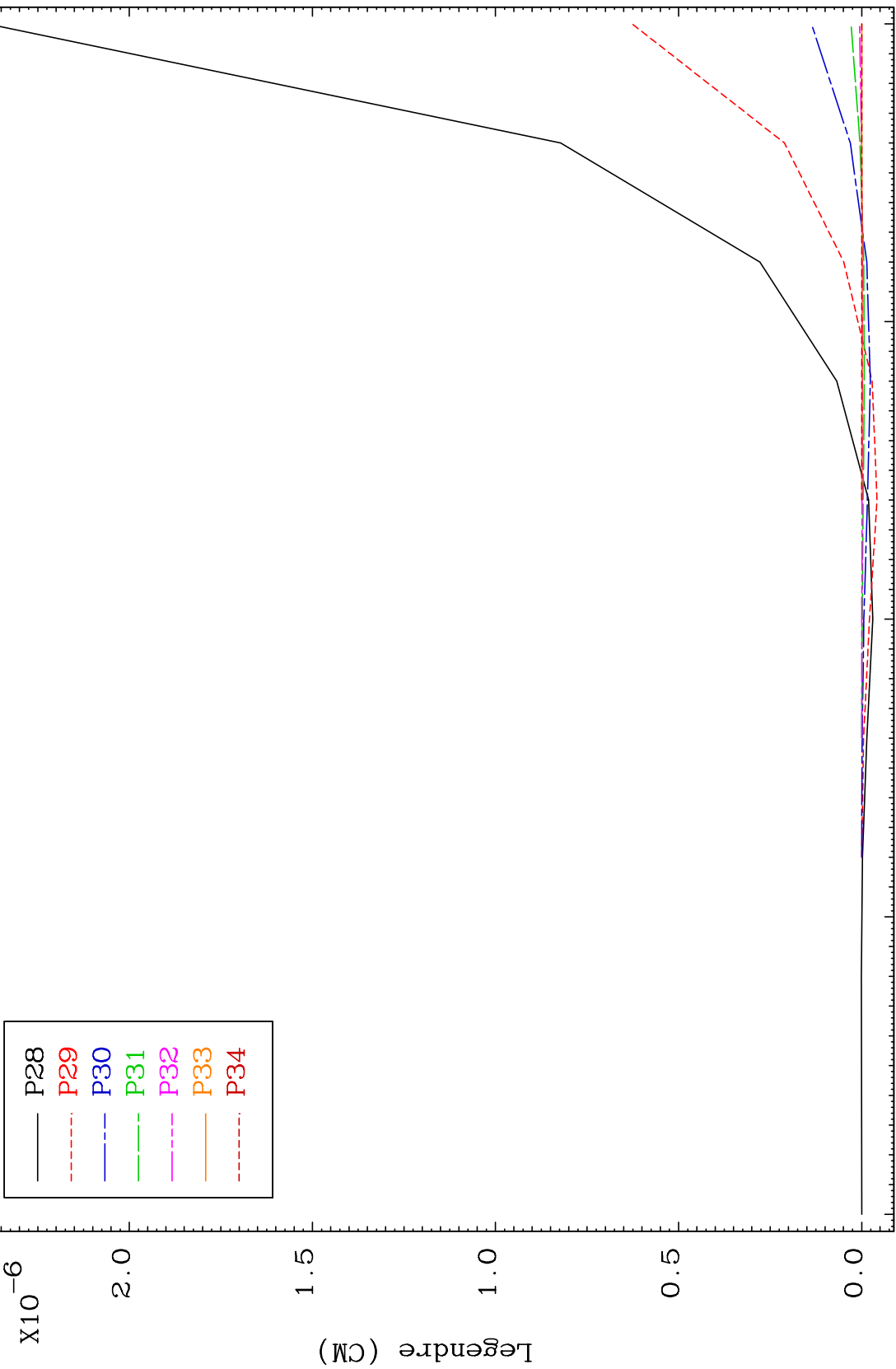
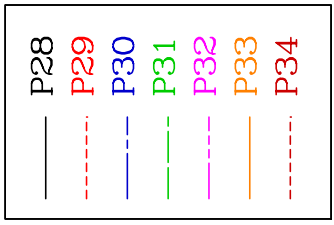
64-Gd-152

Incident Energy (MeV)

MAT 6425

Elastic Legendre Coefficients

64-Gd-152



22

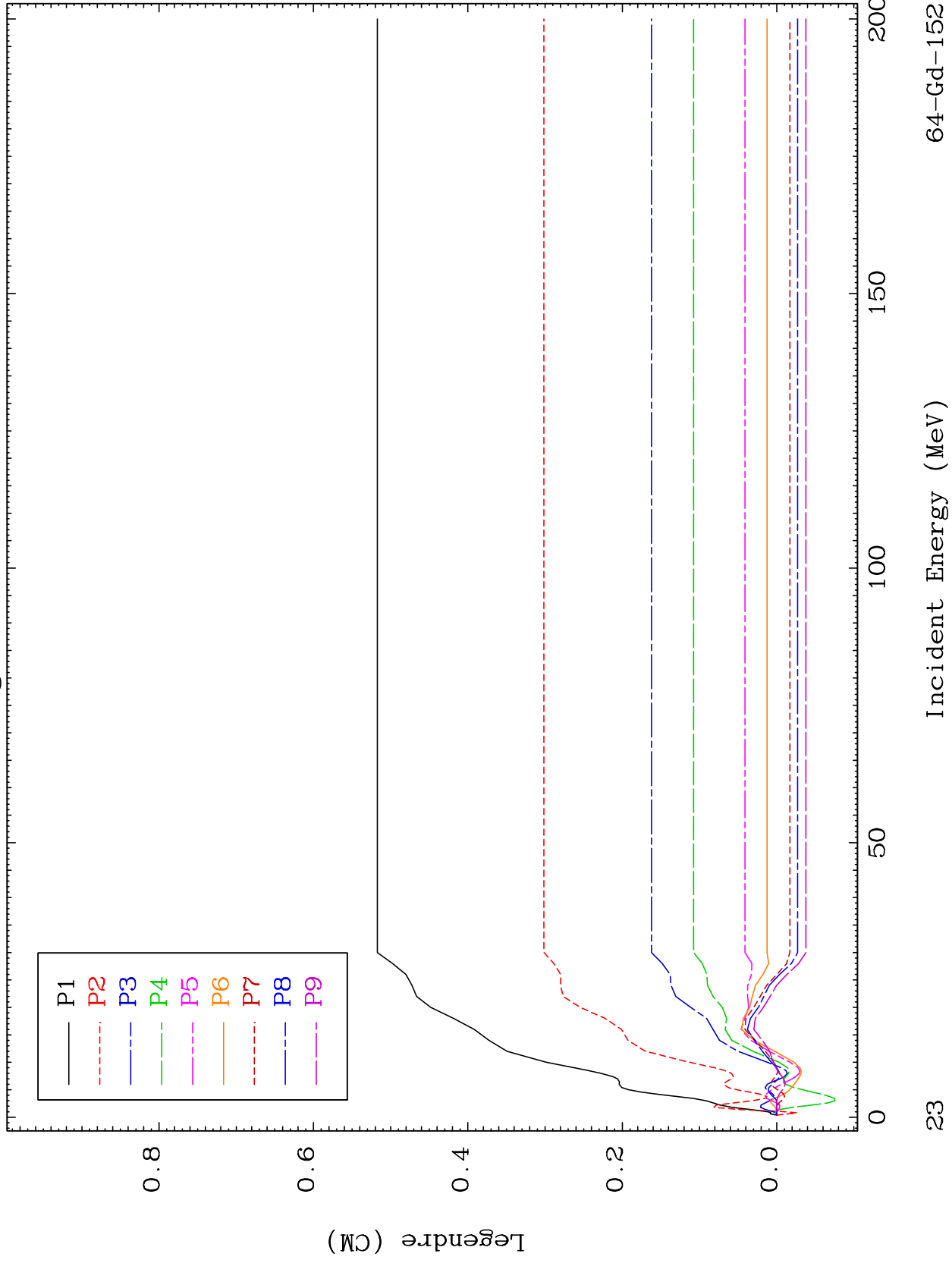
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



23

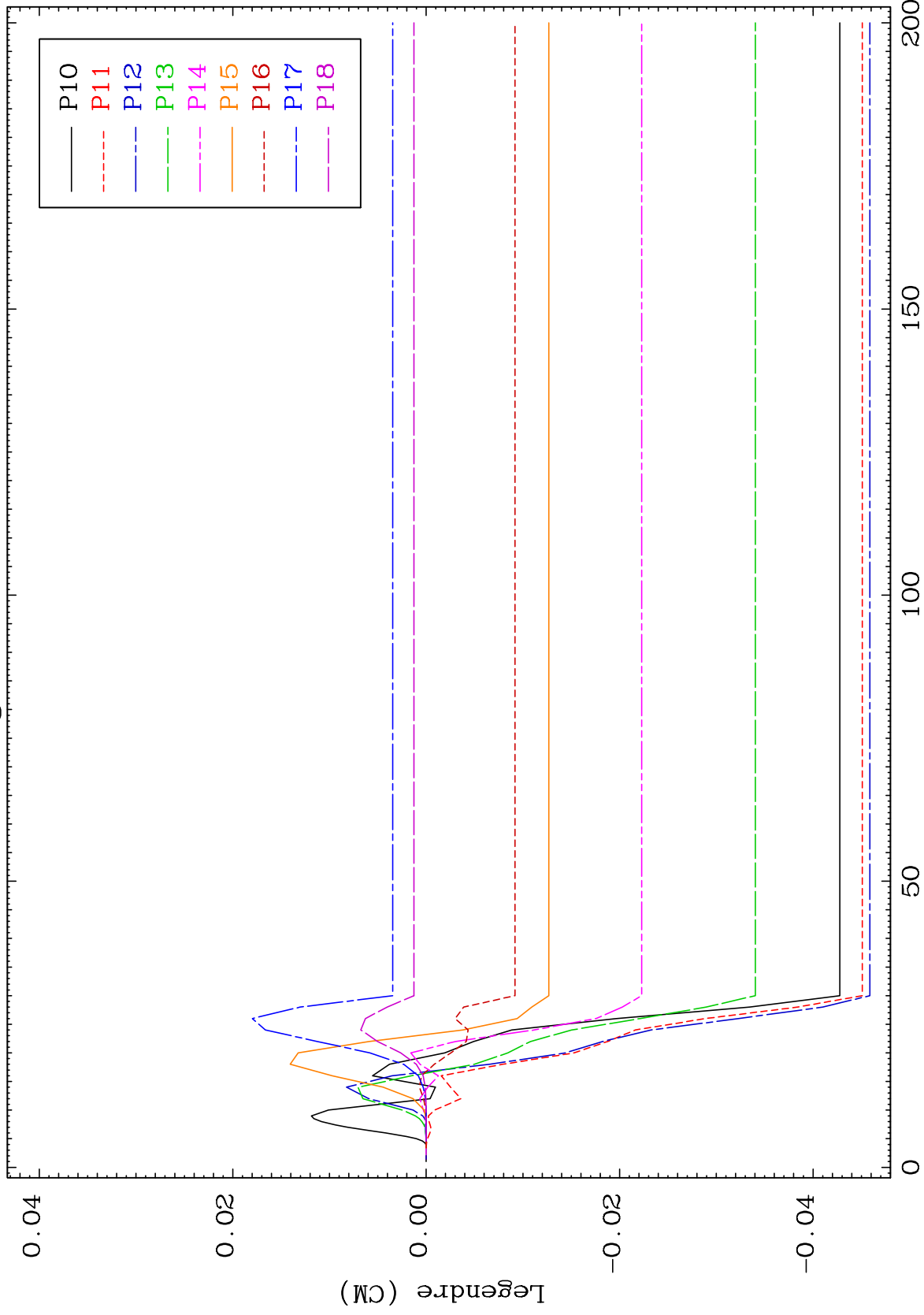
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MAT 6425

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

64-Gd-152



24

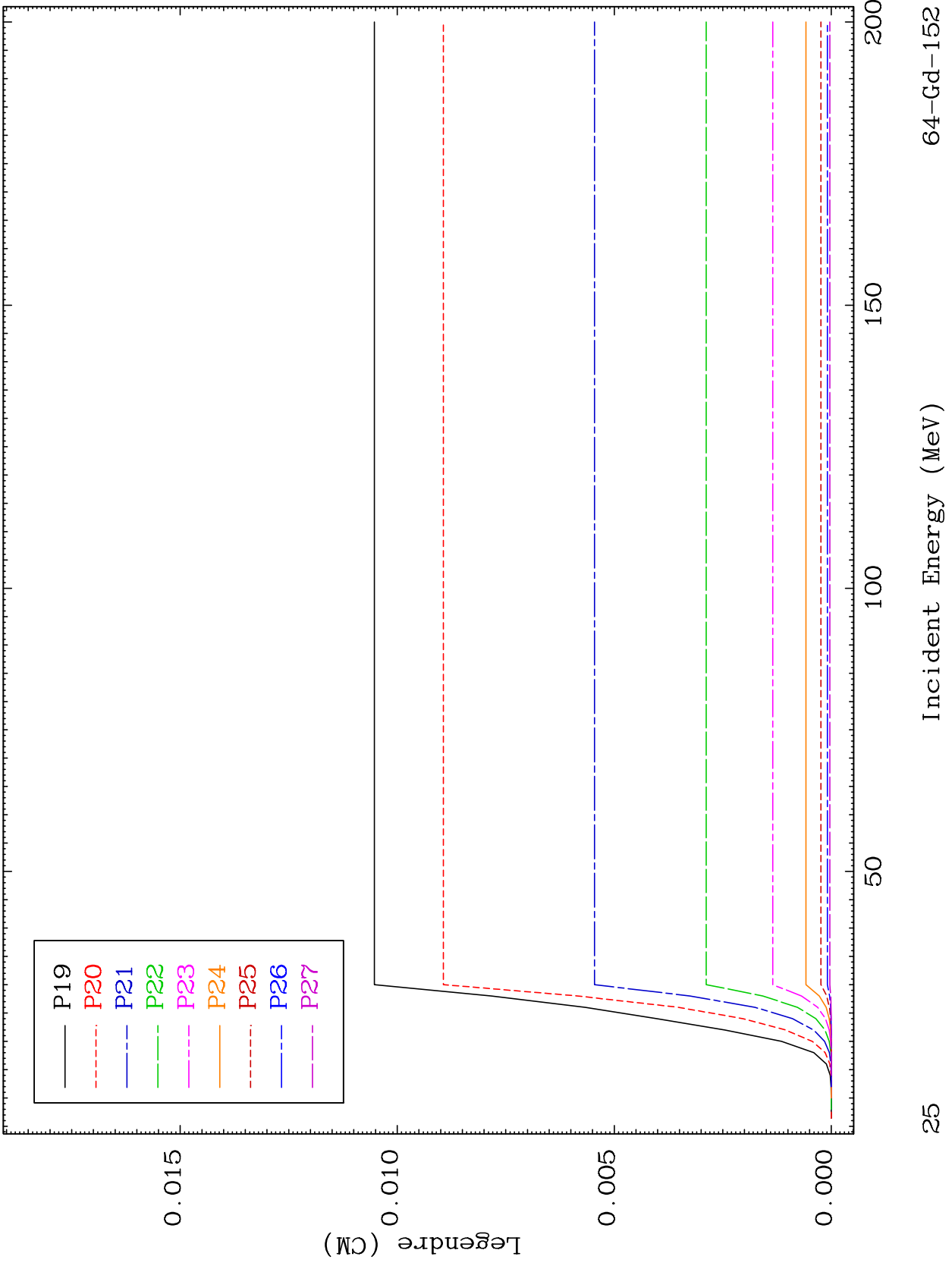
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



25

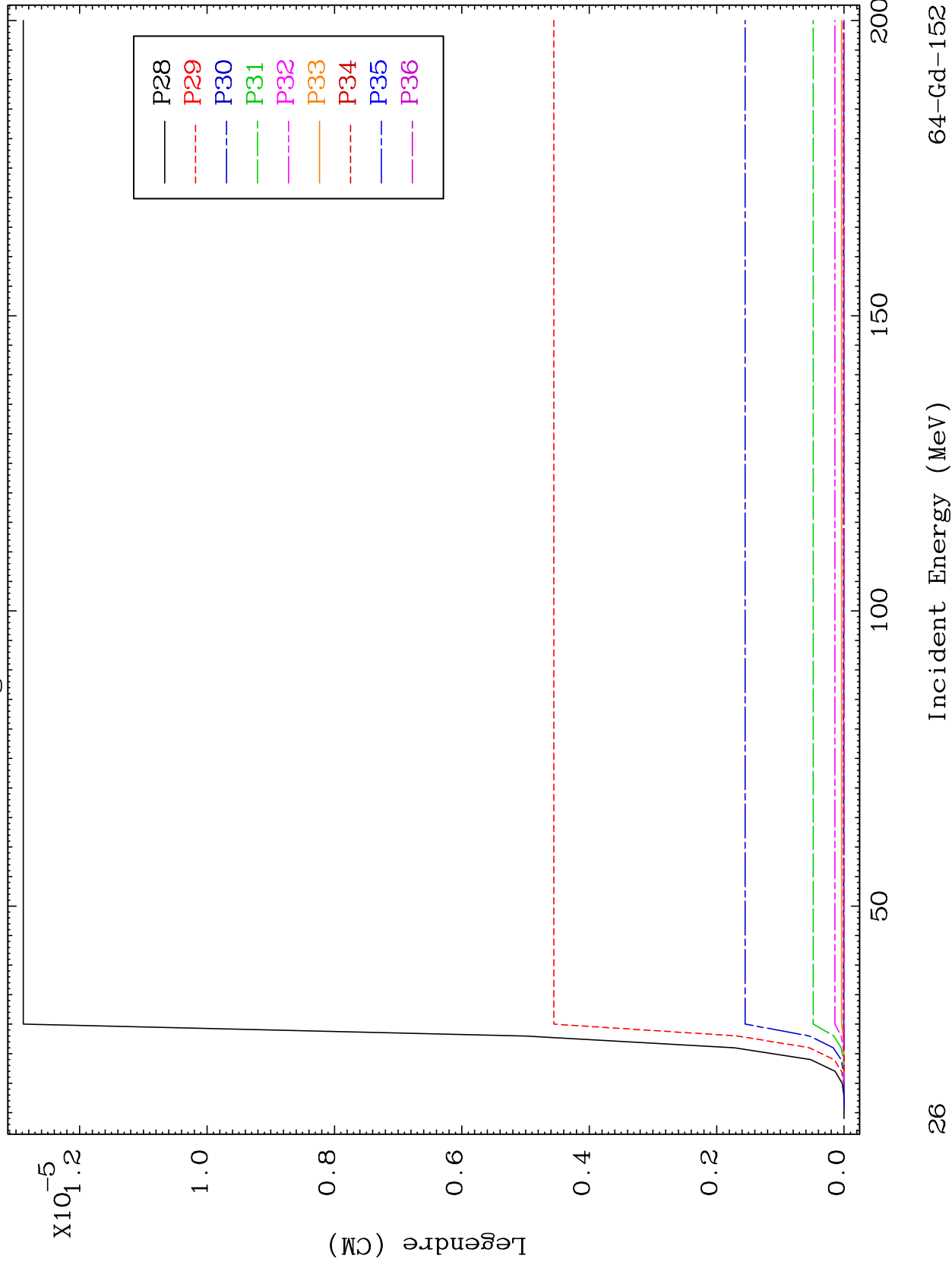
Incident Energy (MeV)

64-Gd-152

MAT 6425

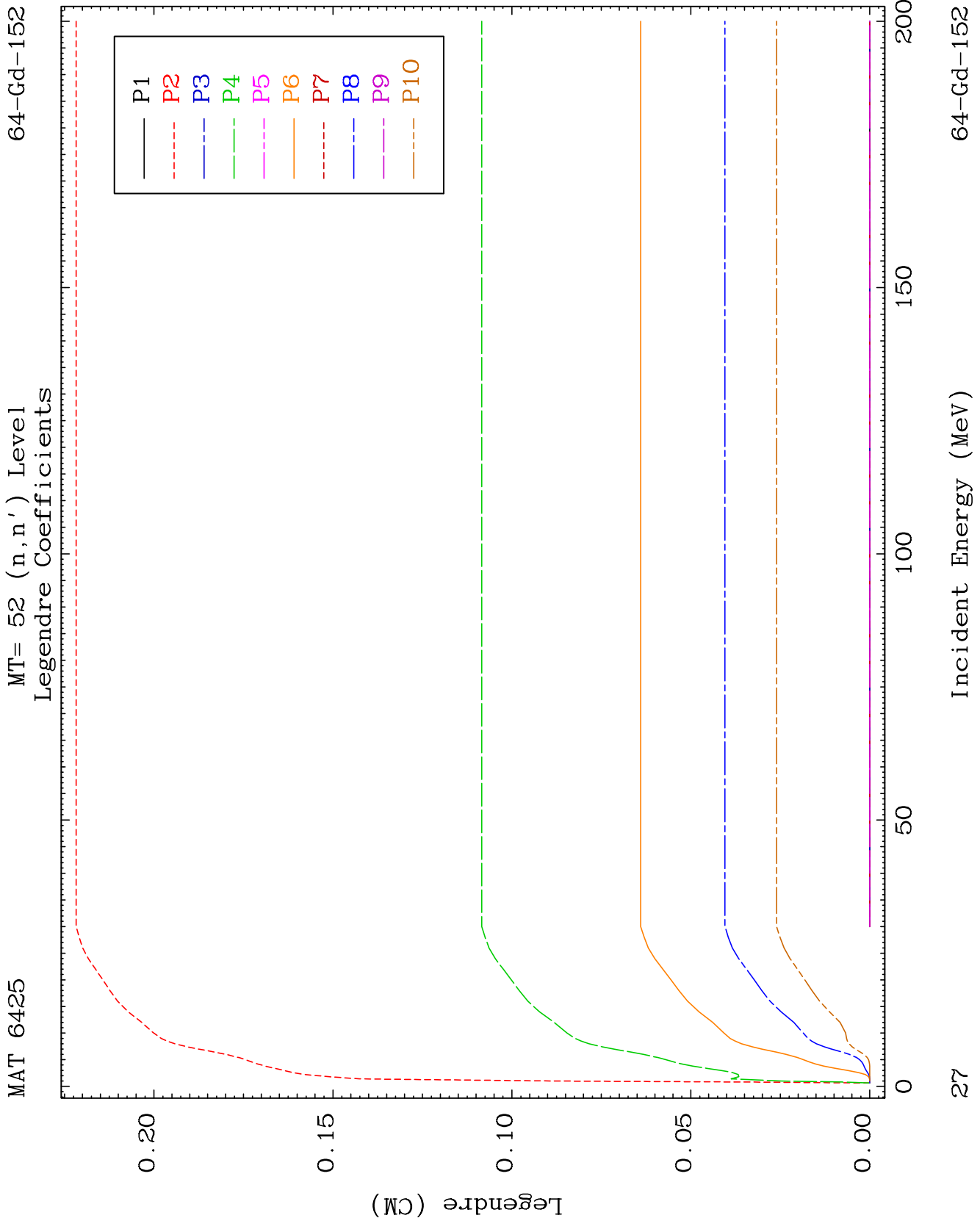
MT= 51 (n,n') Level  
Legendre Coefficients

64-Gd-152



26

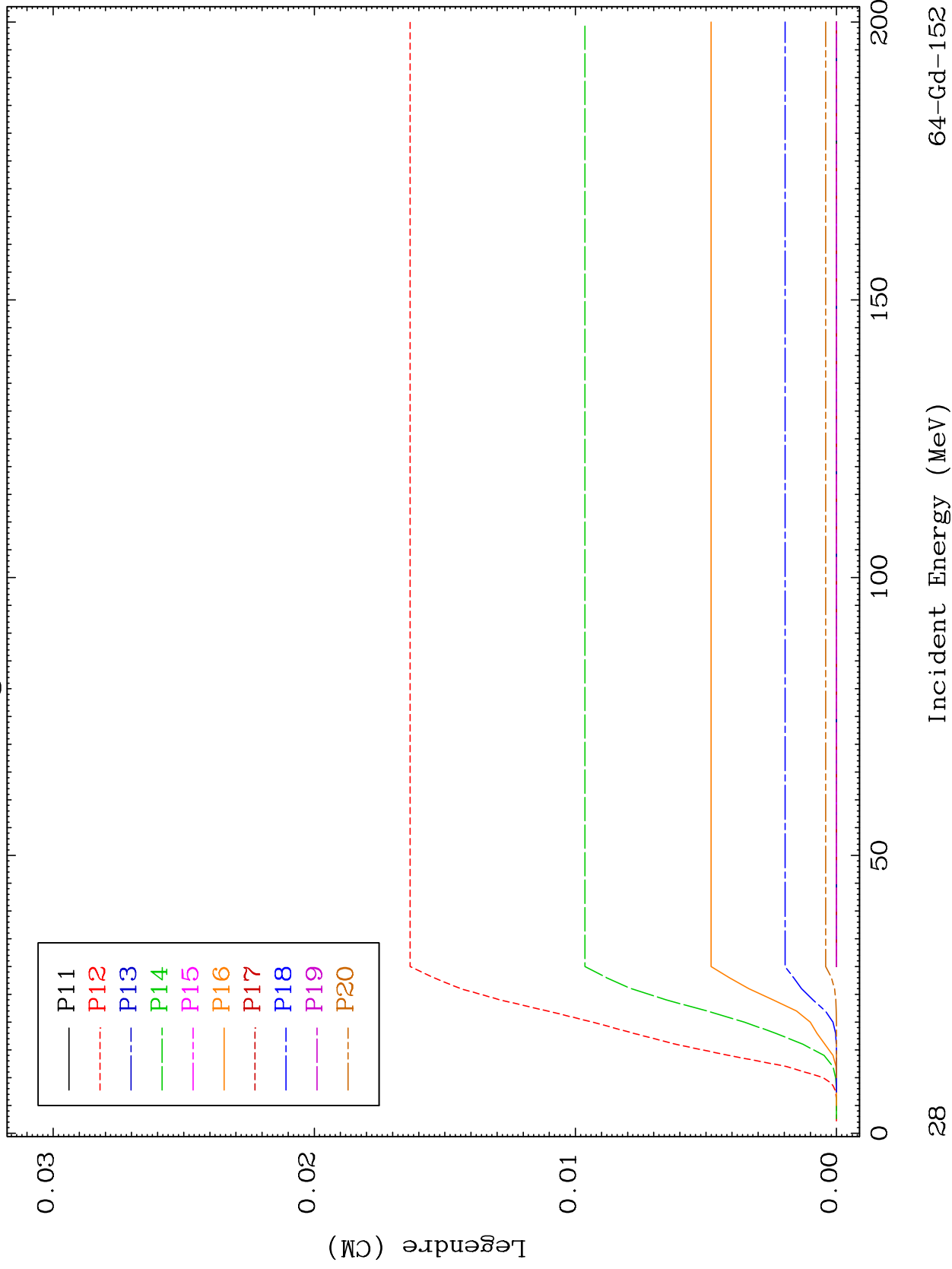
64-Gd-152



MAT 6425

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

64-Gd-152



64-Gd-152

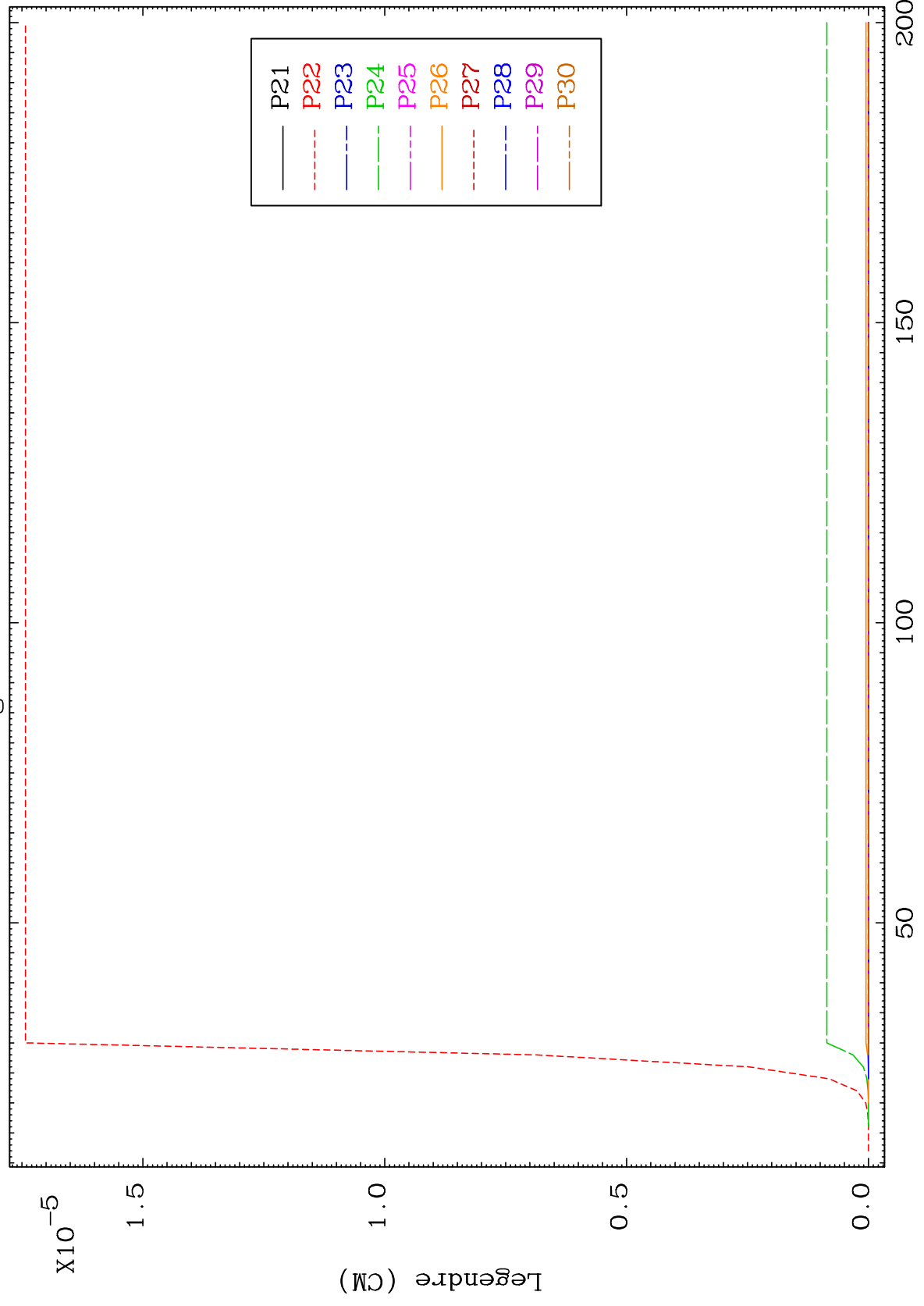
Incident Energy (MeV)

28

MAT 6425

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

64-Gd-152



64-Gd-152

Incident Energy (MeV)

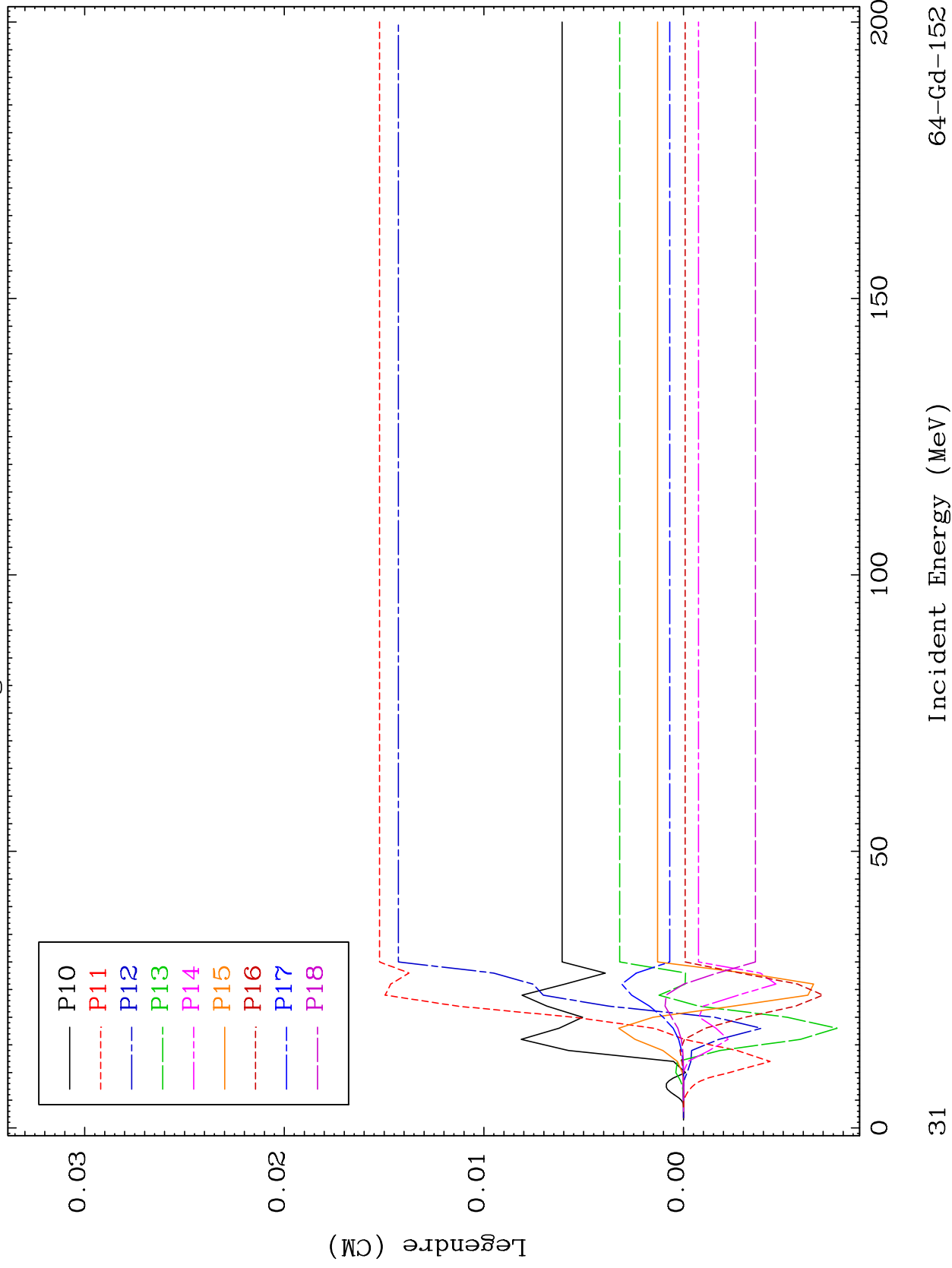
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MAT 6425

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

64-Gd-152



31

Incident Energy (MeV)

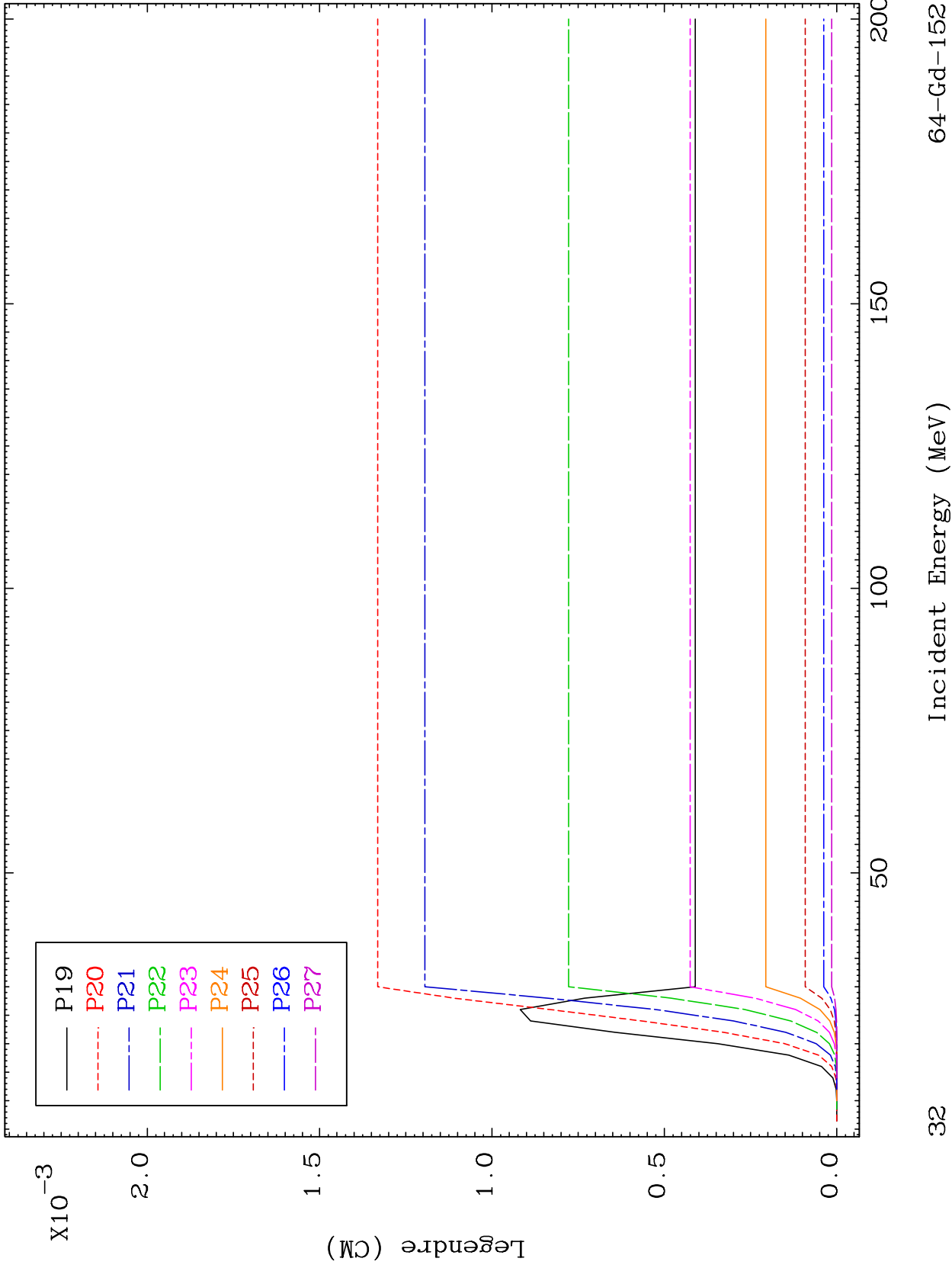
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MAT 6425

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

64-Gd-152

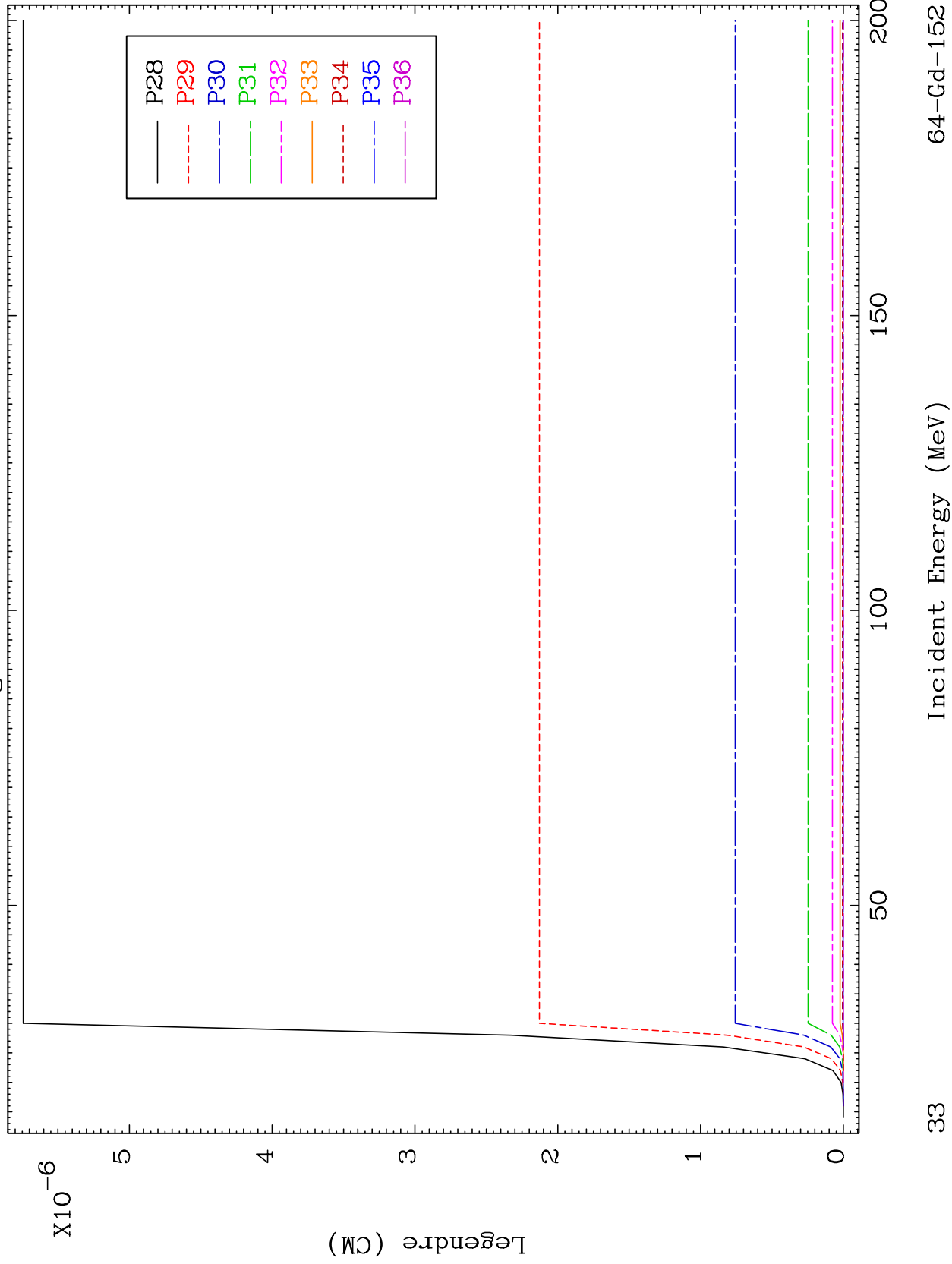


32

MAT 6425

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

64-Gd-152

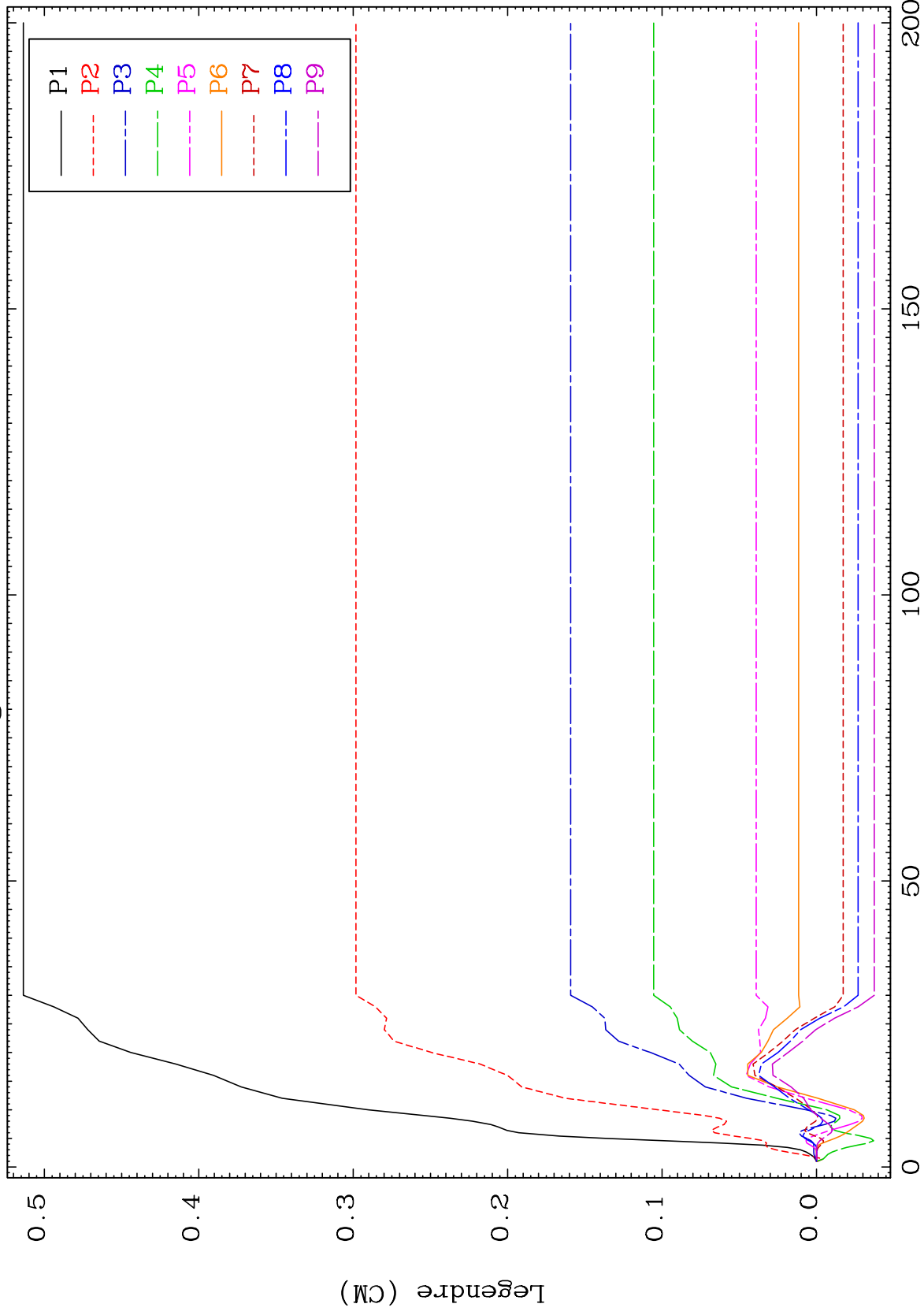


MAT 6425

MT= 54 (n,n') Level

64-Gd-152

Legendre Coefficients



34

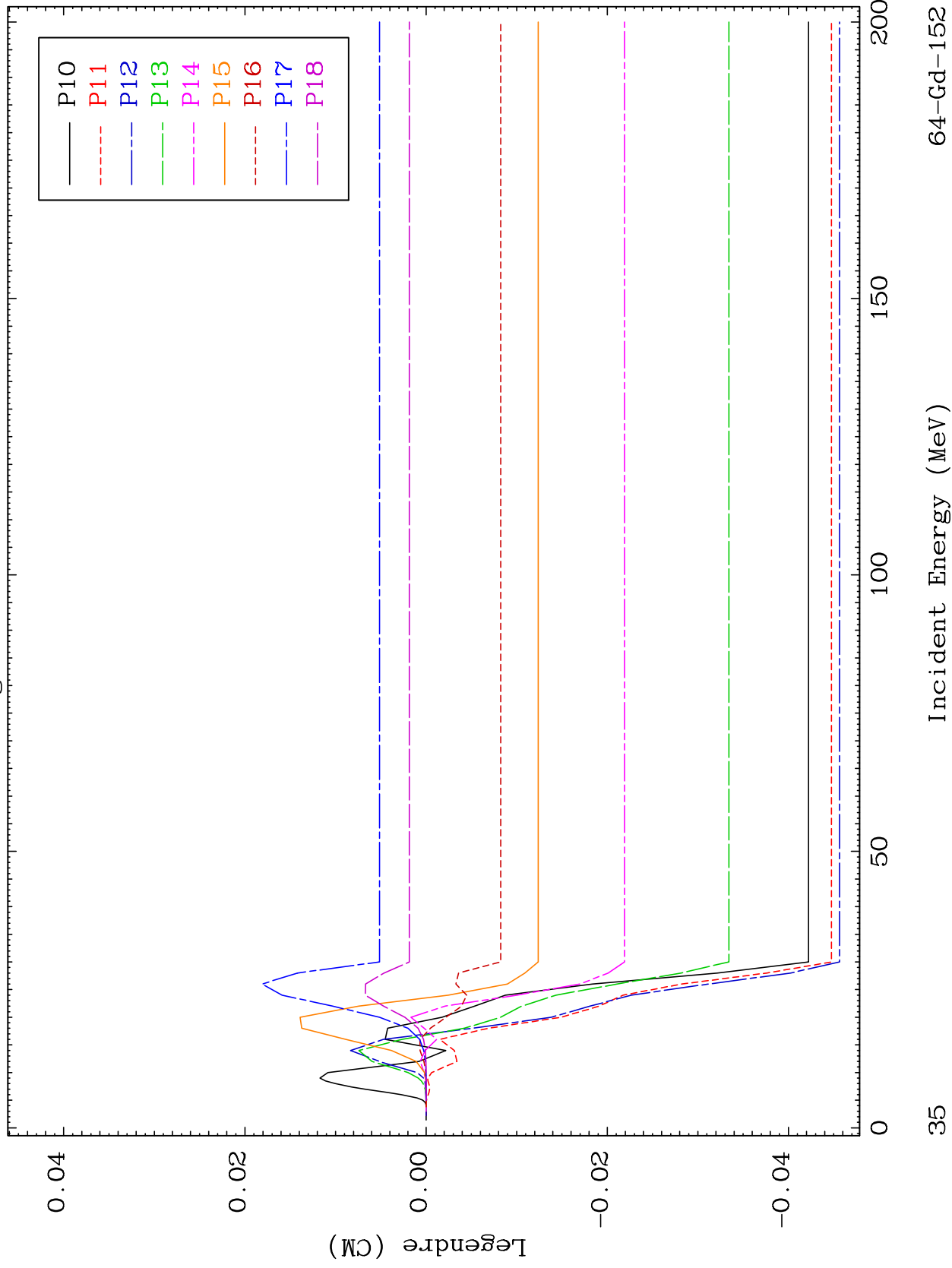
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

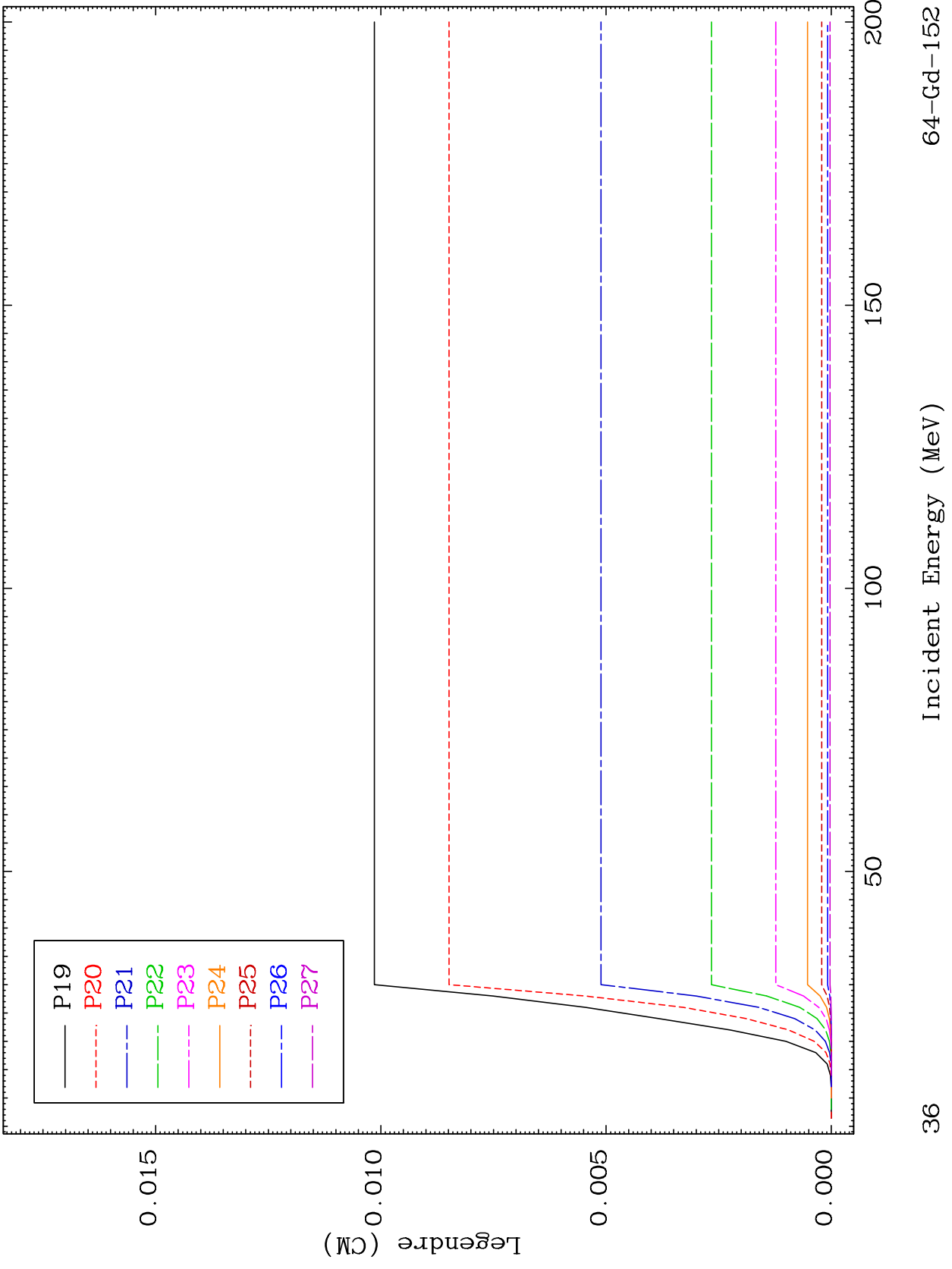
Incident Energy (MeV)

35

MAT 6425

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

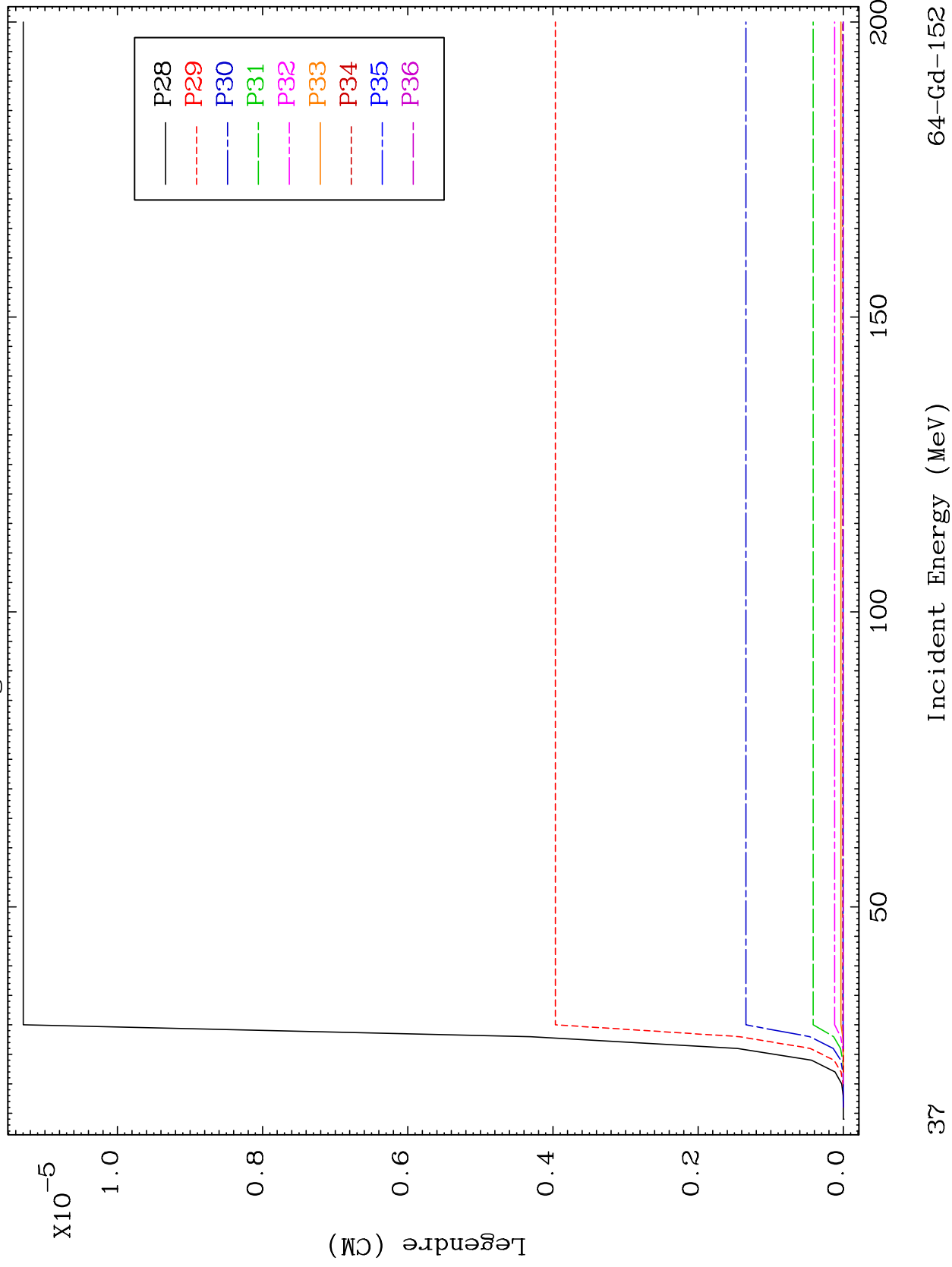
64-Gd-152



MAT 6425

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

64-Gd-152

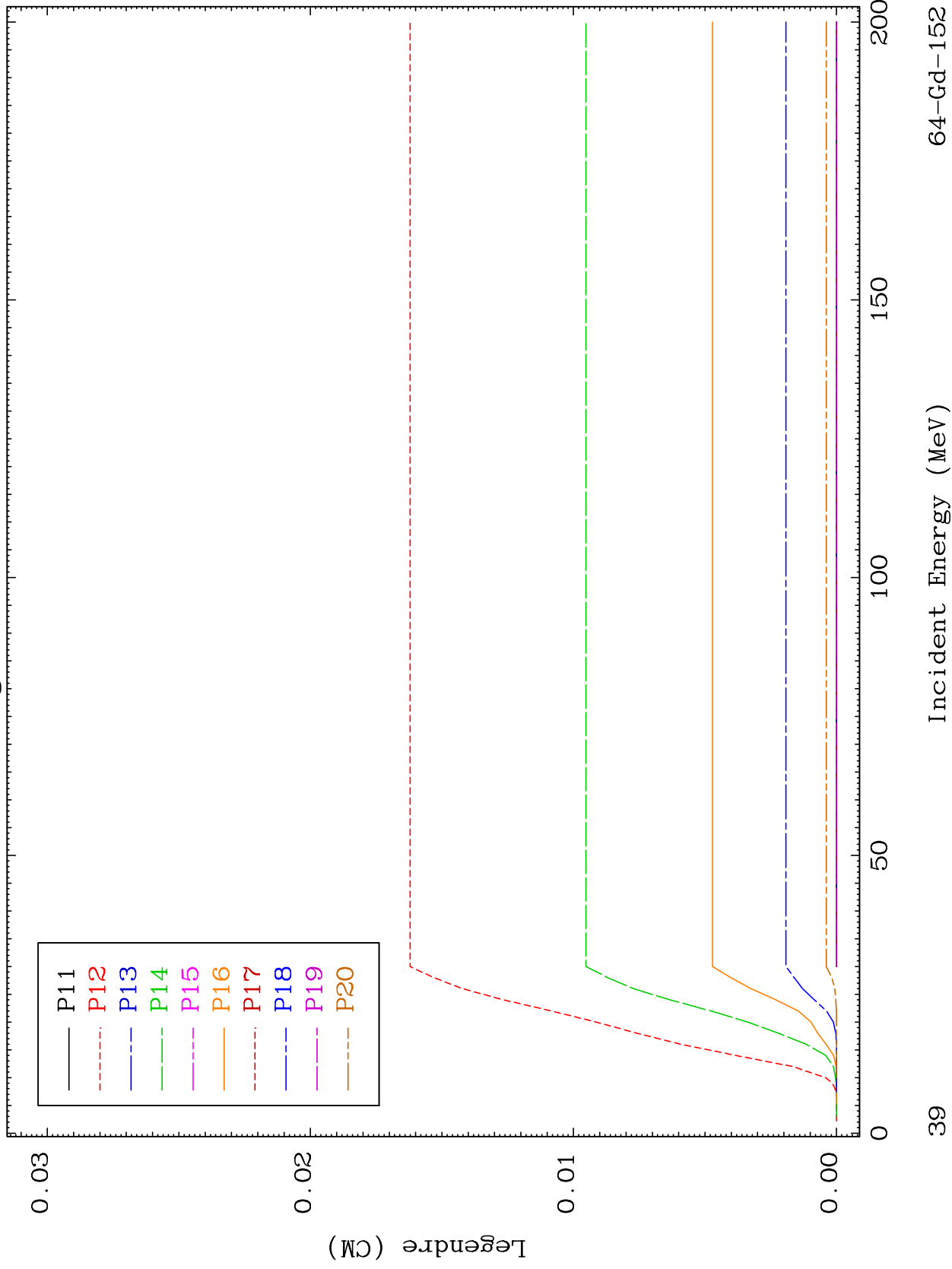




MAT 6425

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

64-Gd-152

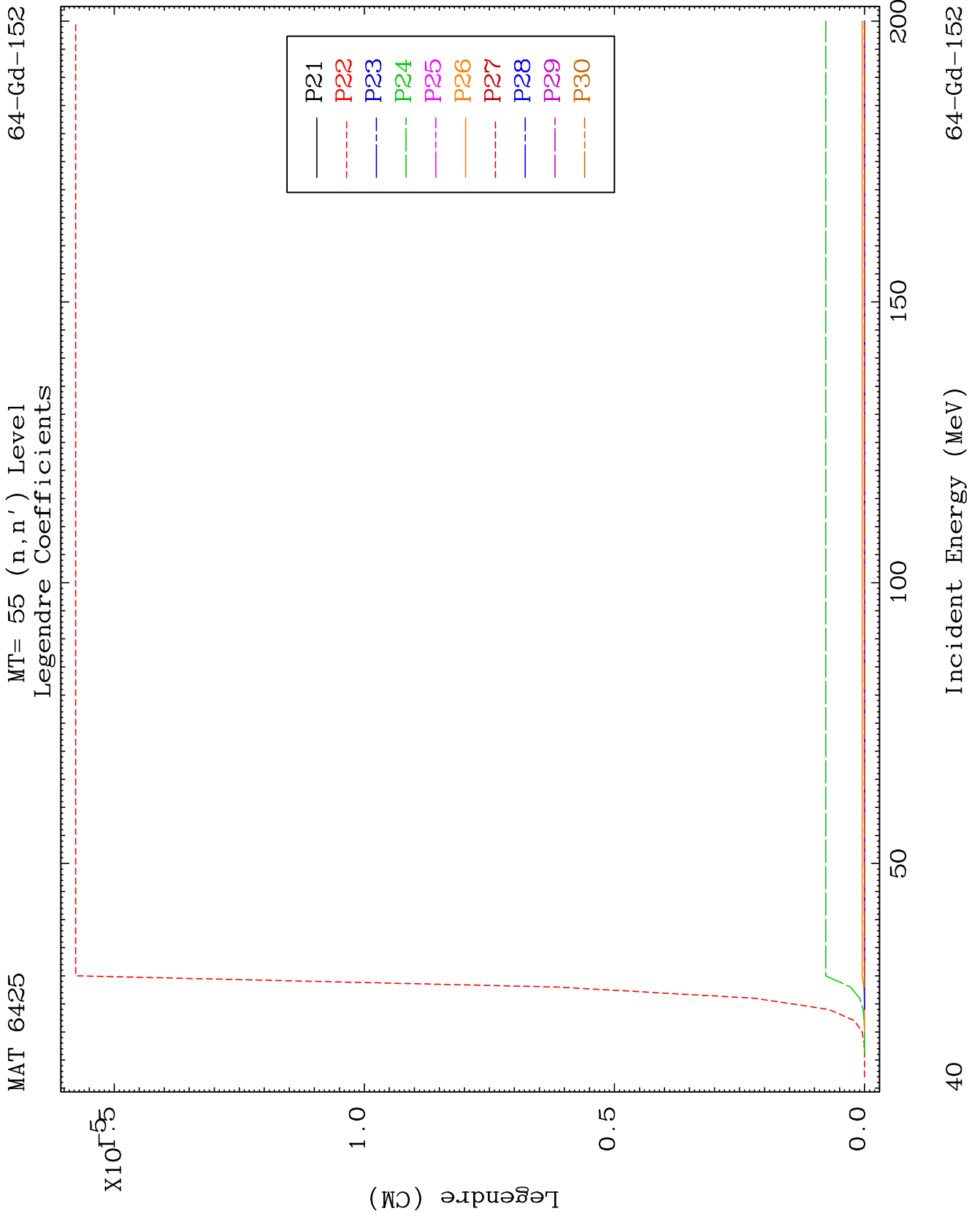


39

Incident Energy (MeV)

64-Gd-152

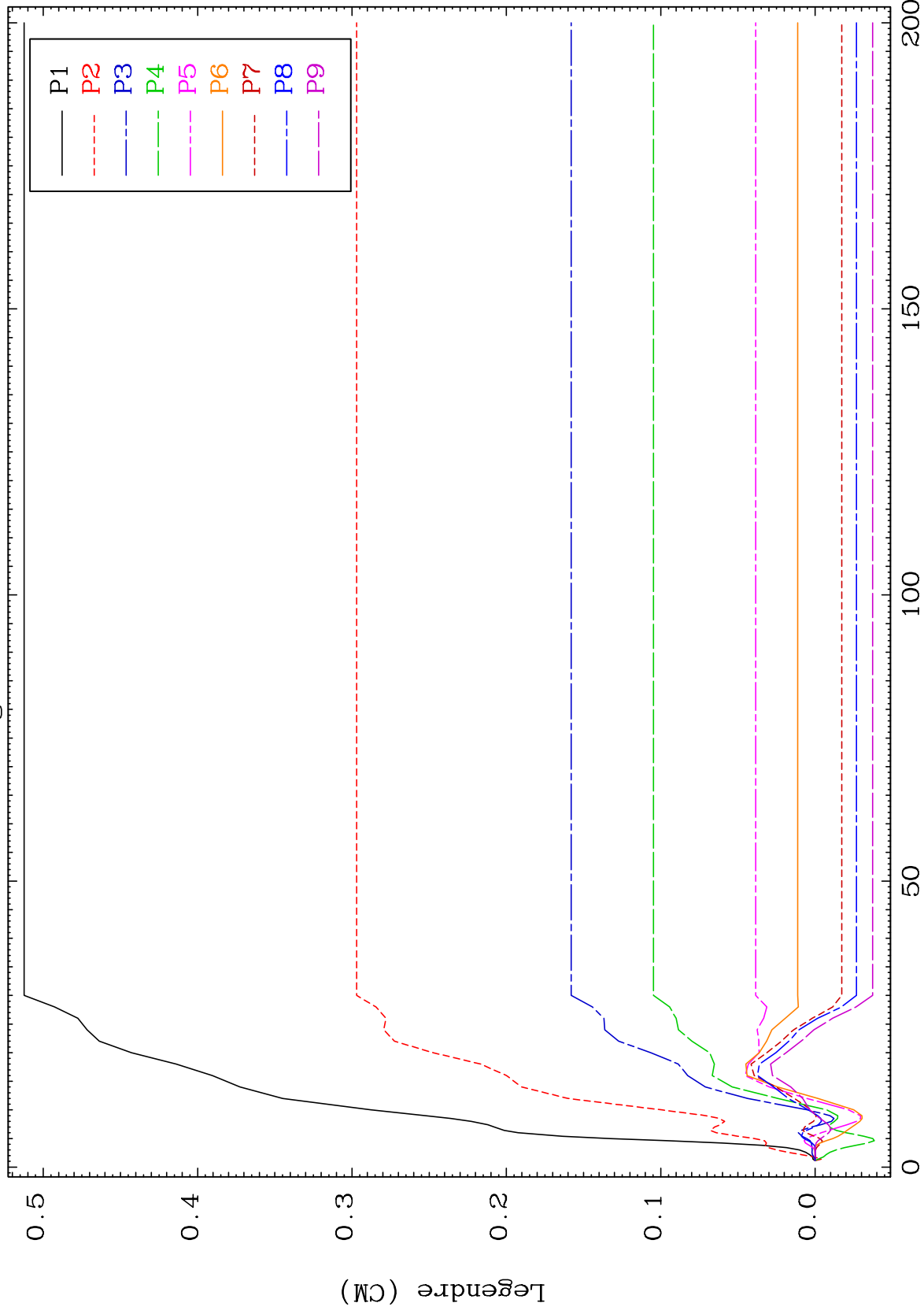




MAT 6425

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

64-Gd-152



41

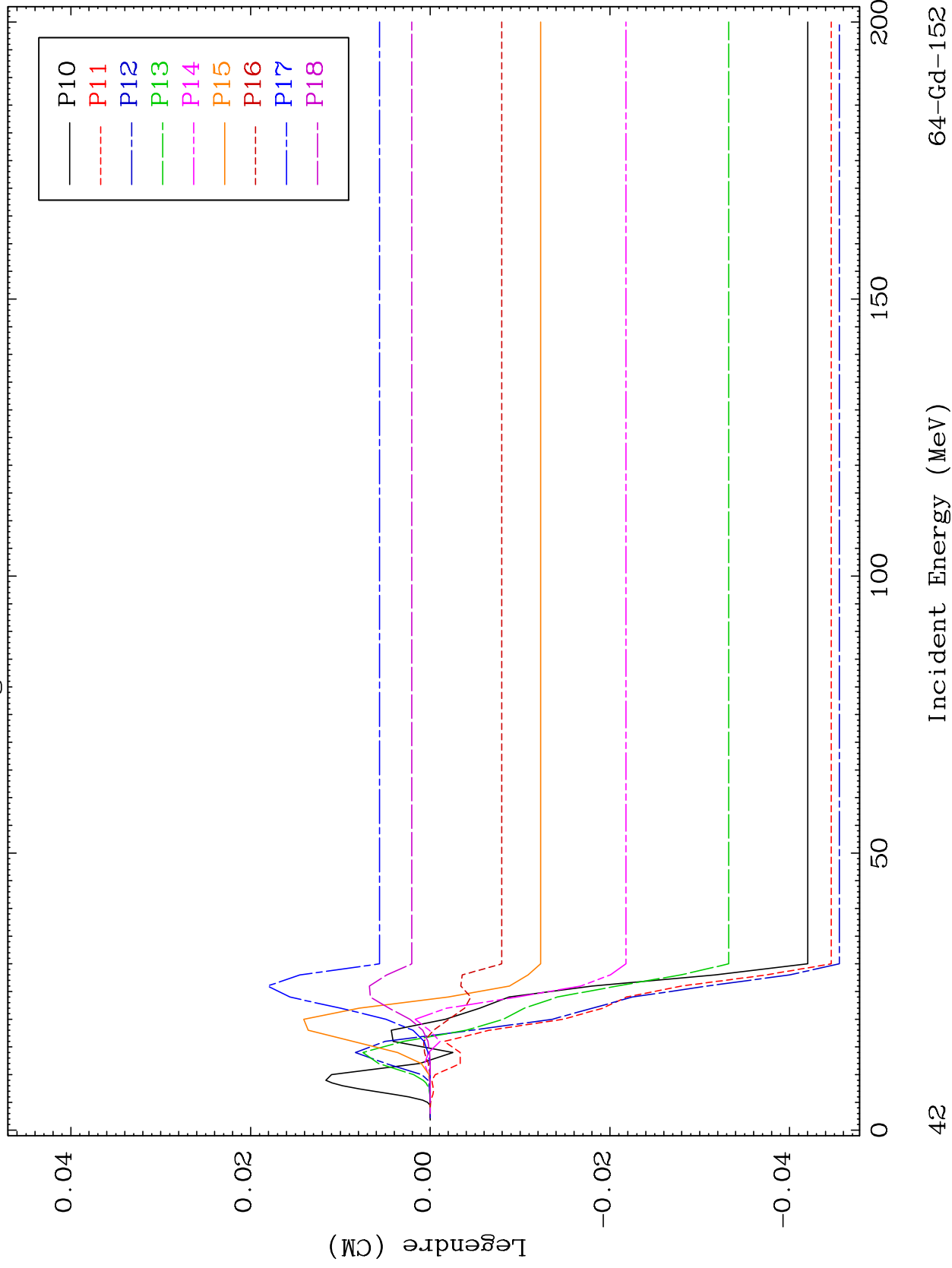
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

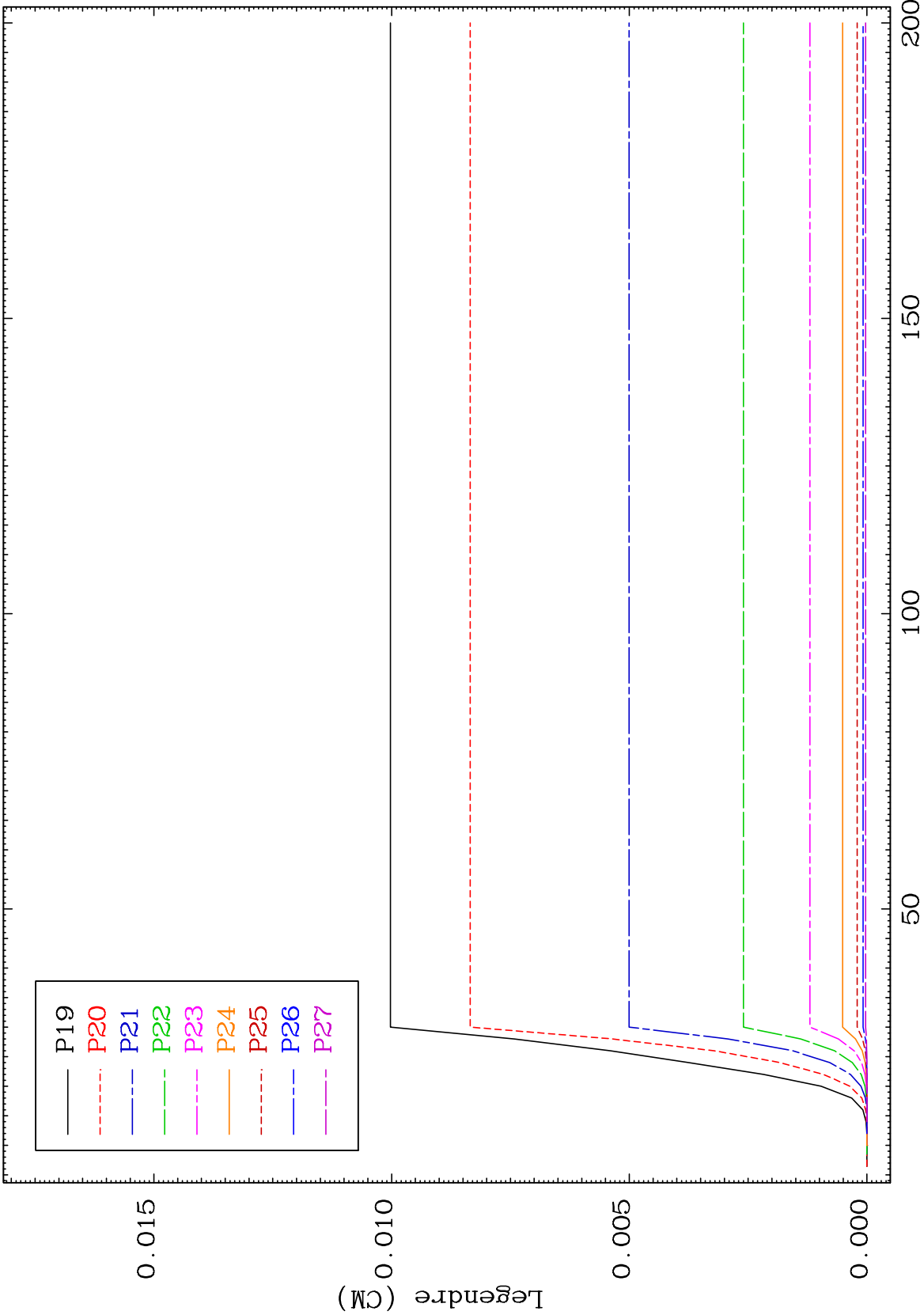
Incident Energy (MeV)

42

MAT 6425

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

64-Gd-152



43

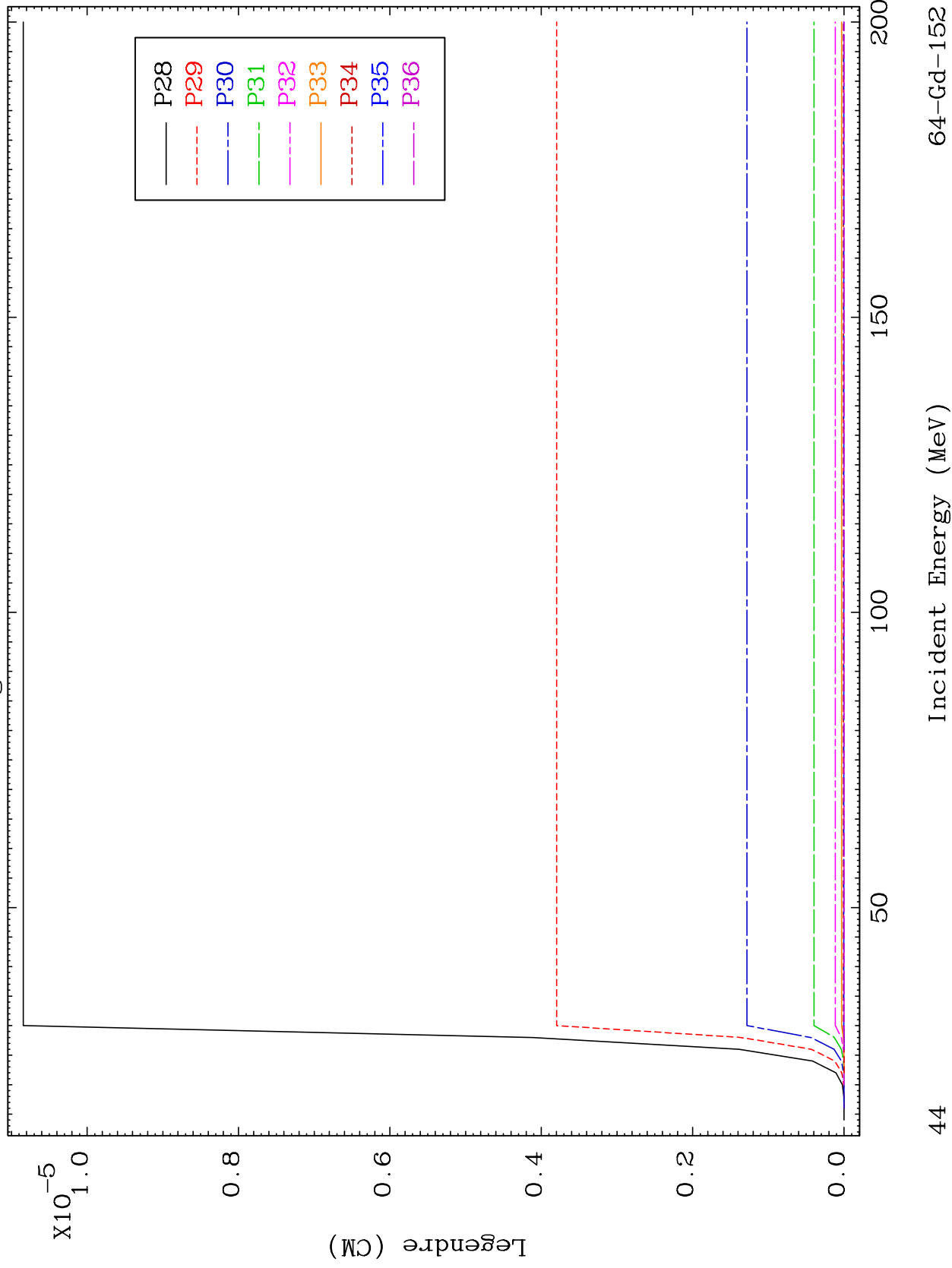
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



44

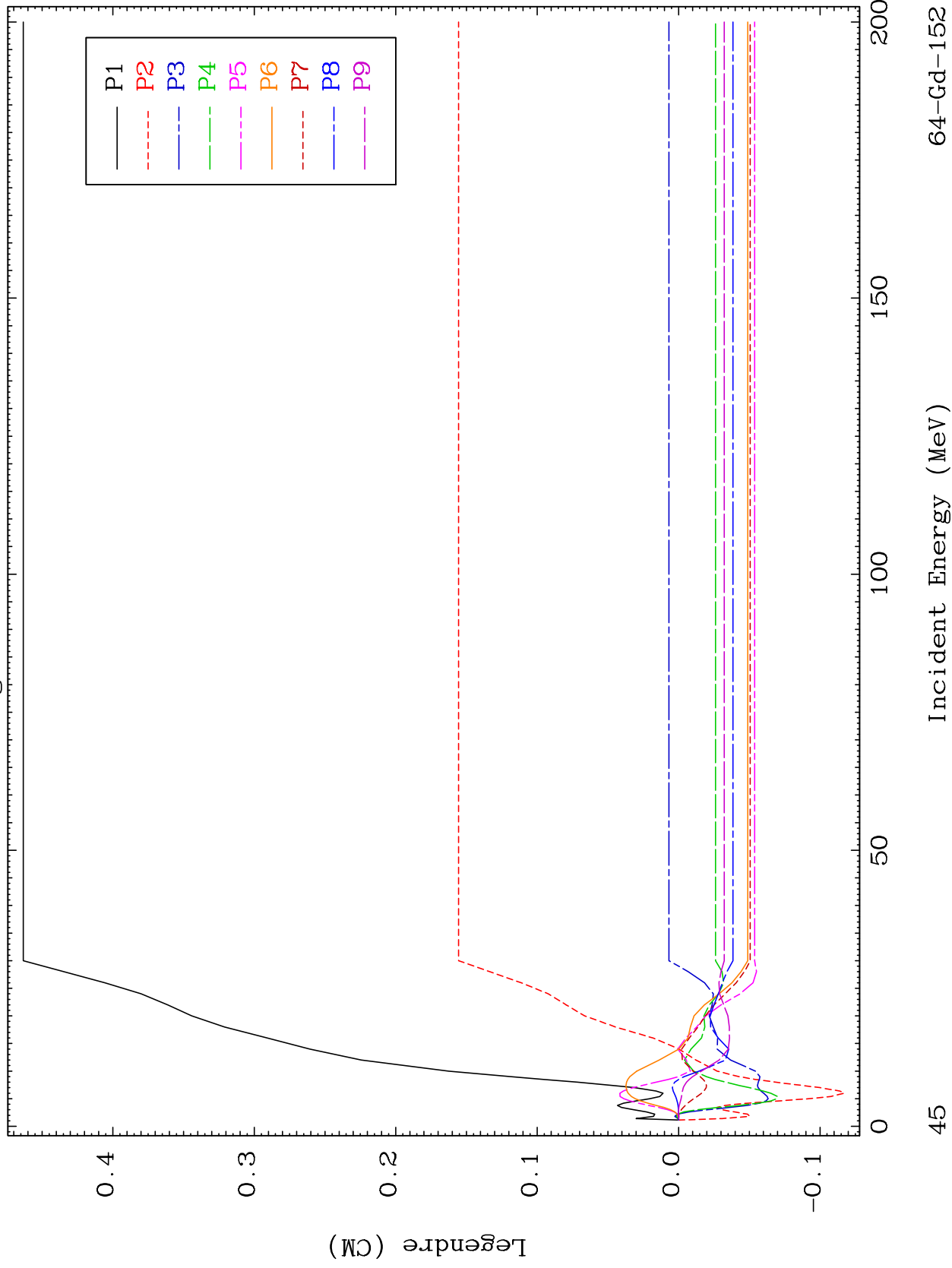
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

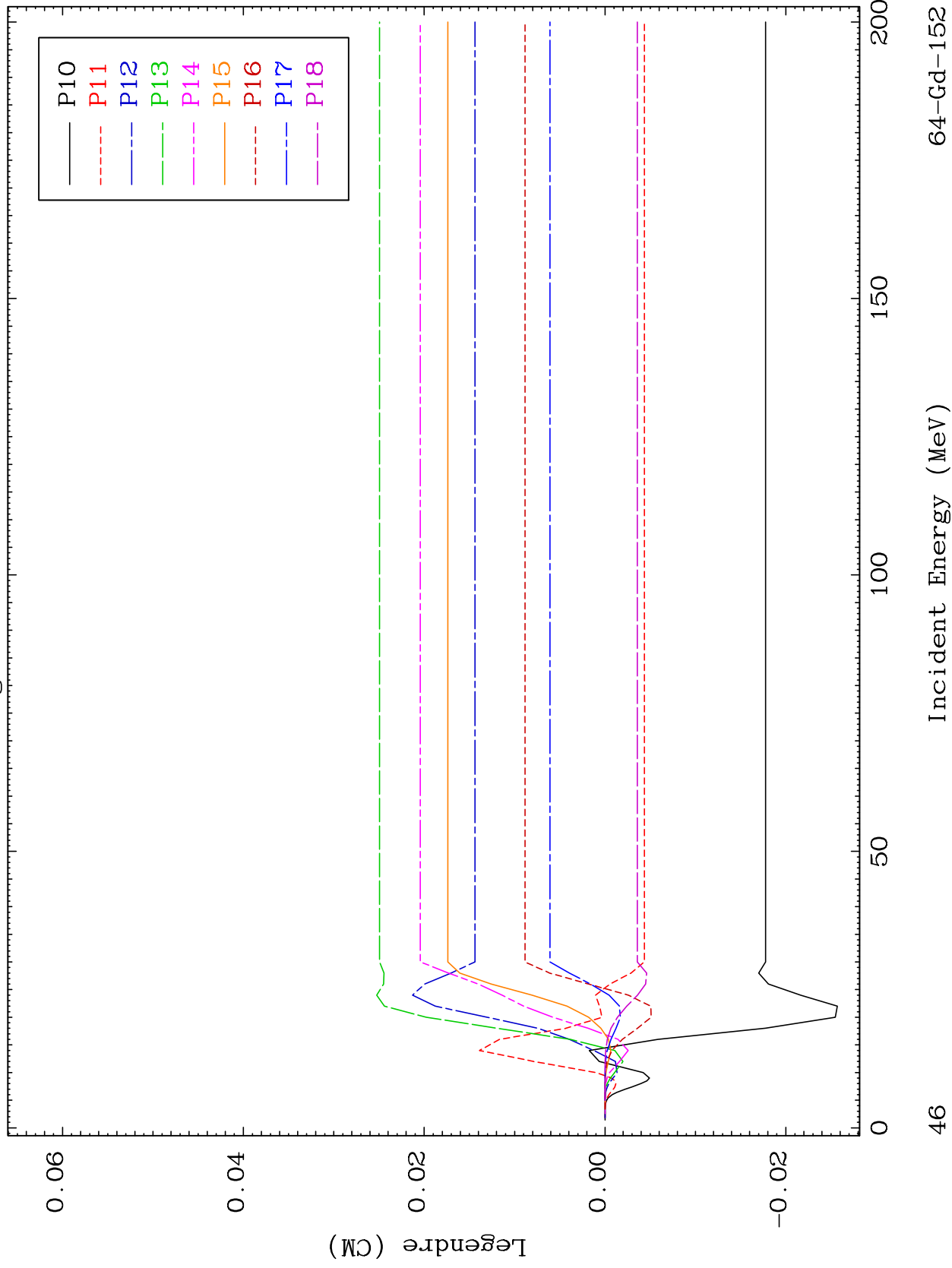
Incident Energy (MeV)

45

MAT 6425

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

64-Gd-152



46

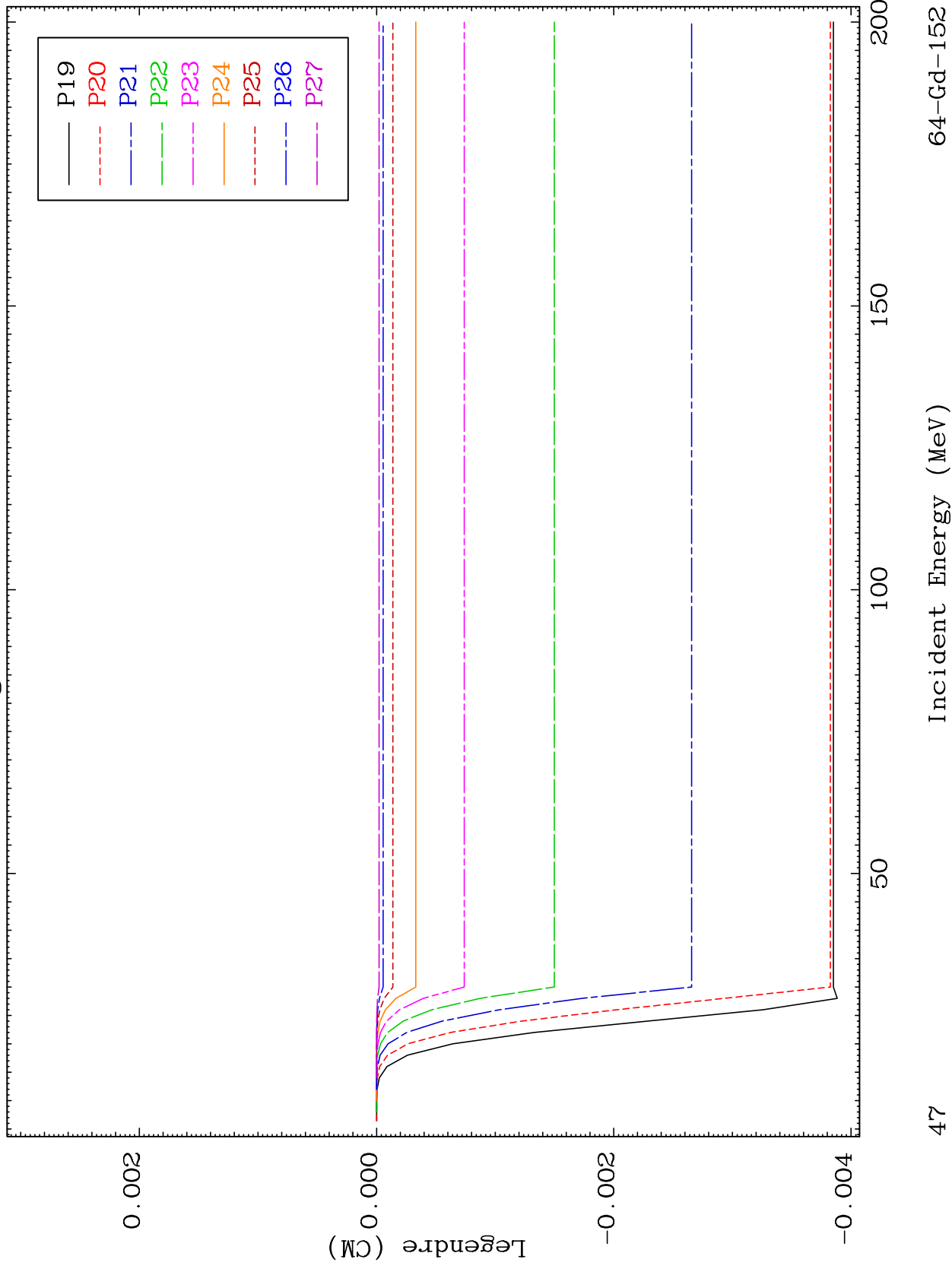
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



47

Incident Energy (MeV)

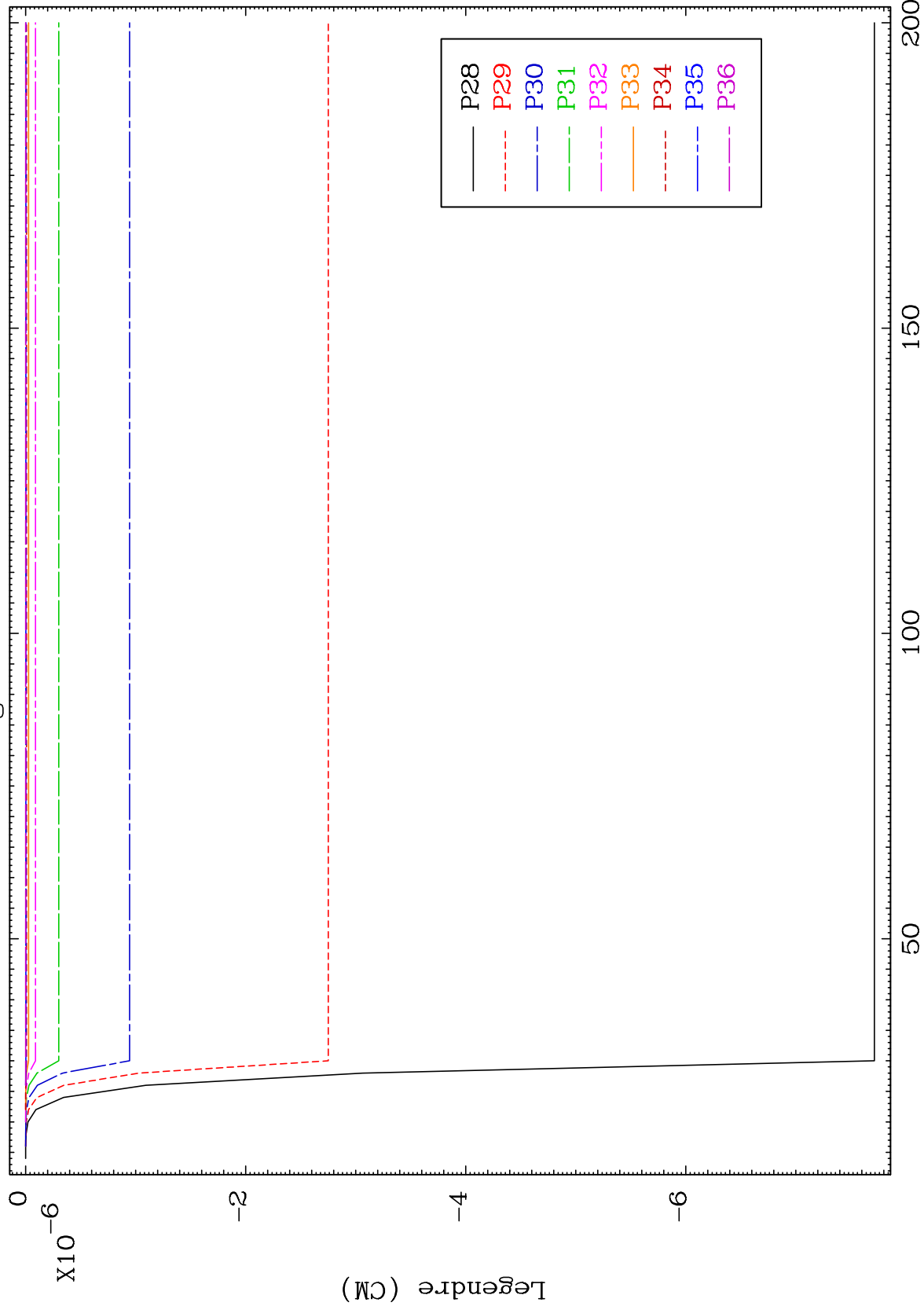
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MAT 6425

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

64-Gd-152



48

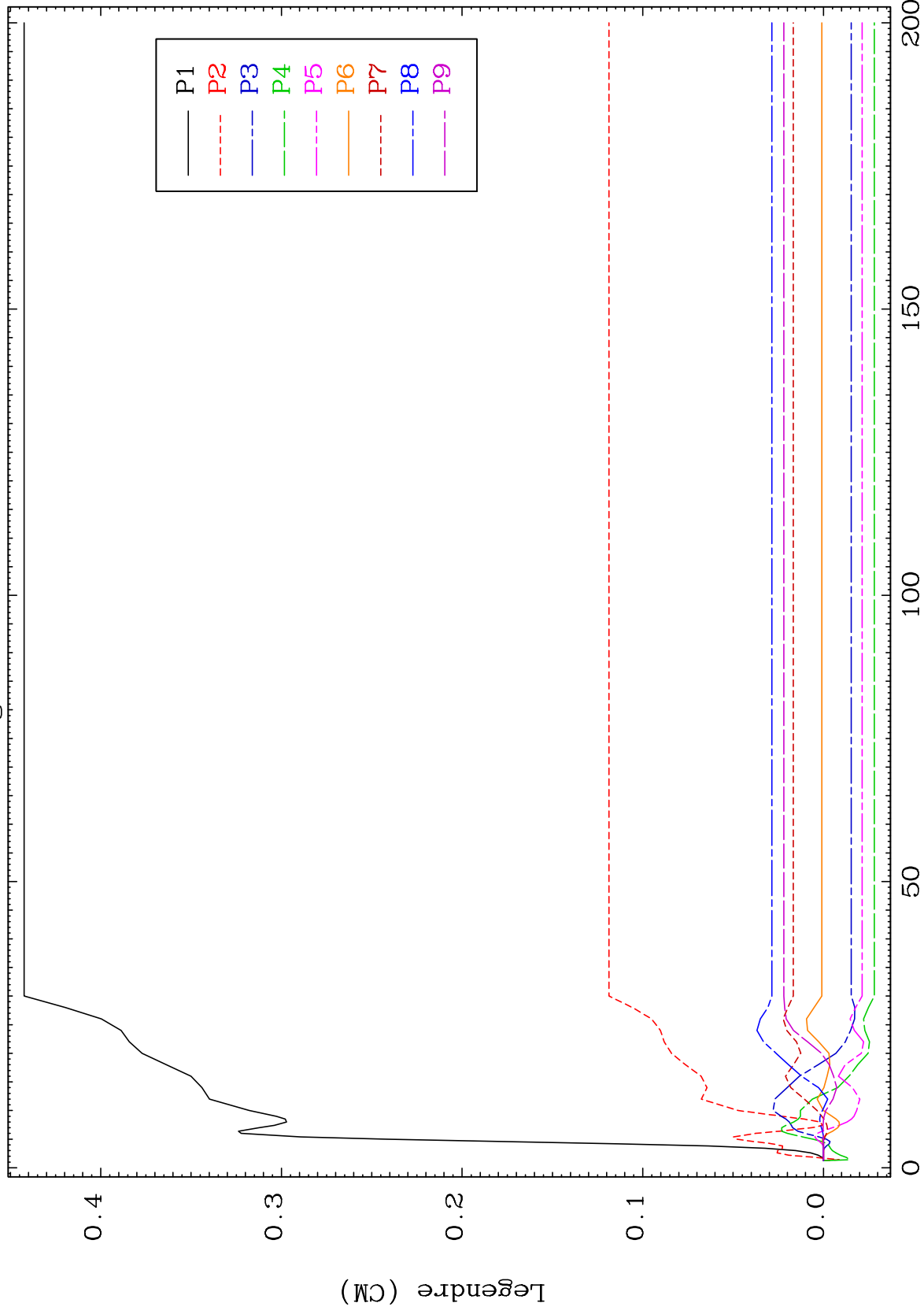
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



49

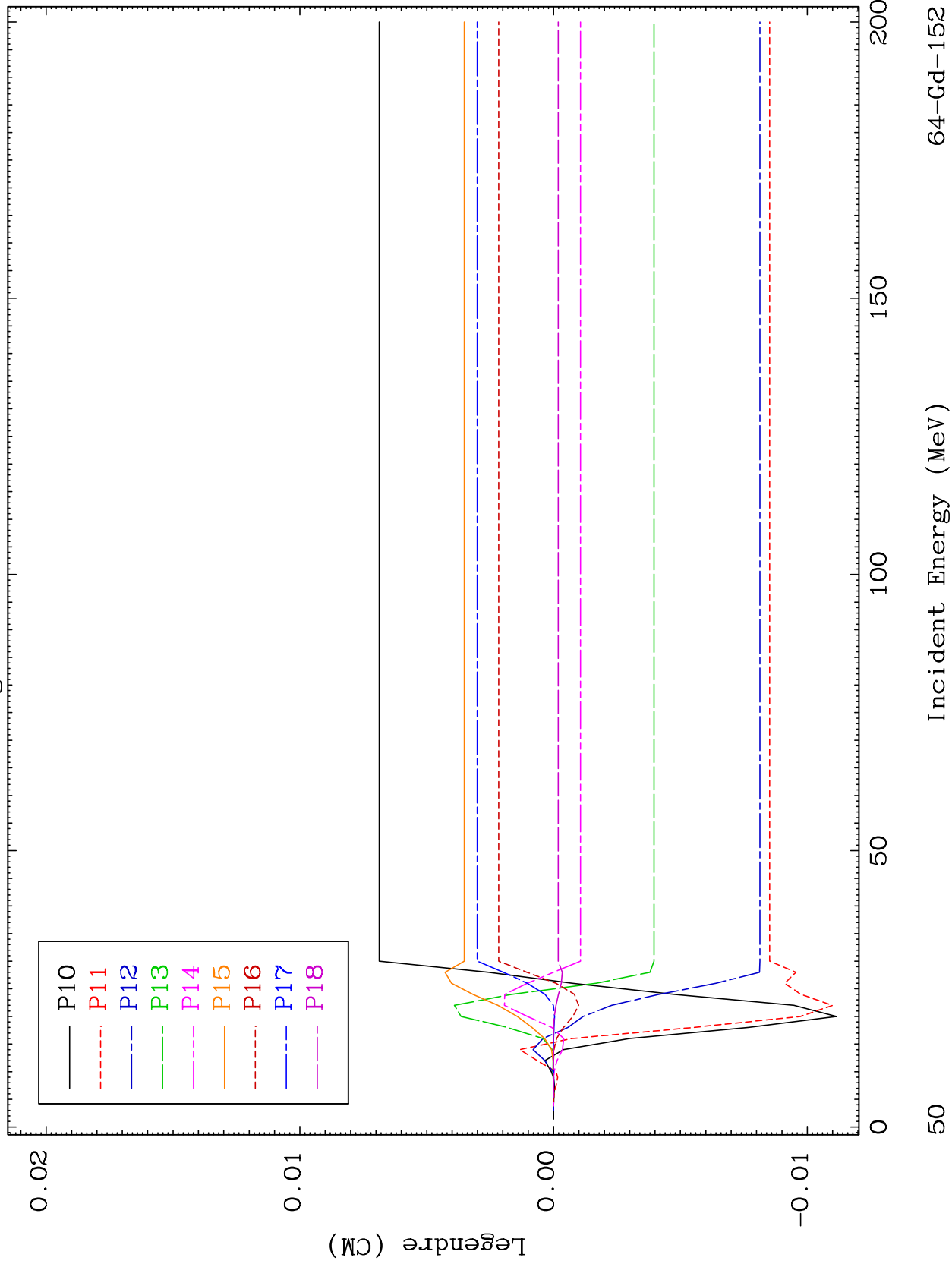
Incident Energy (MeV)

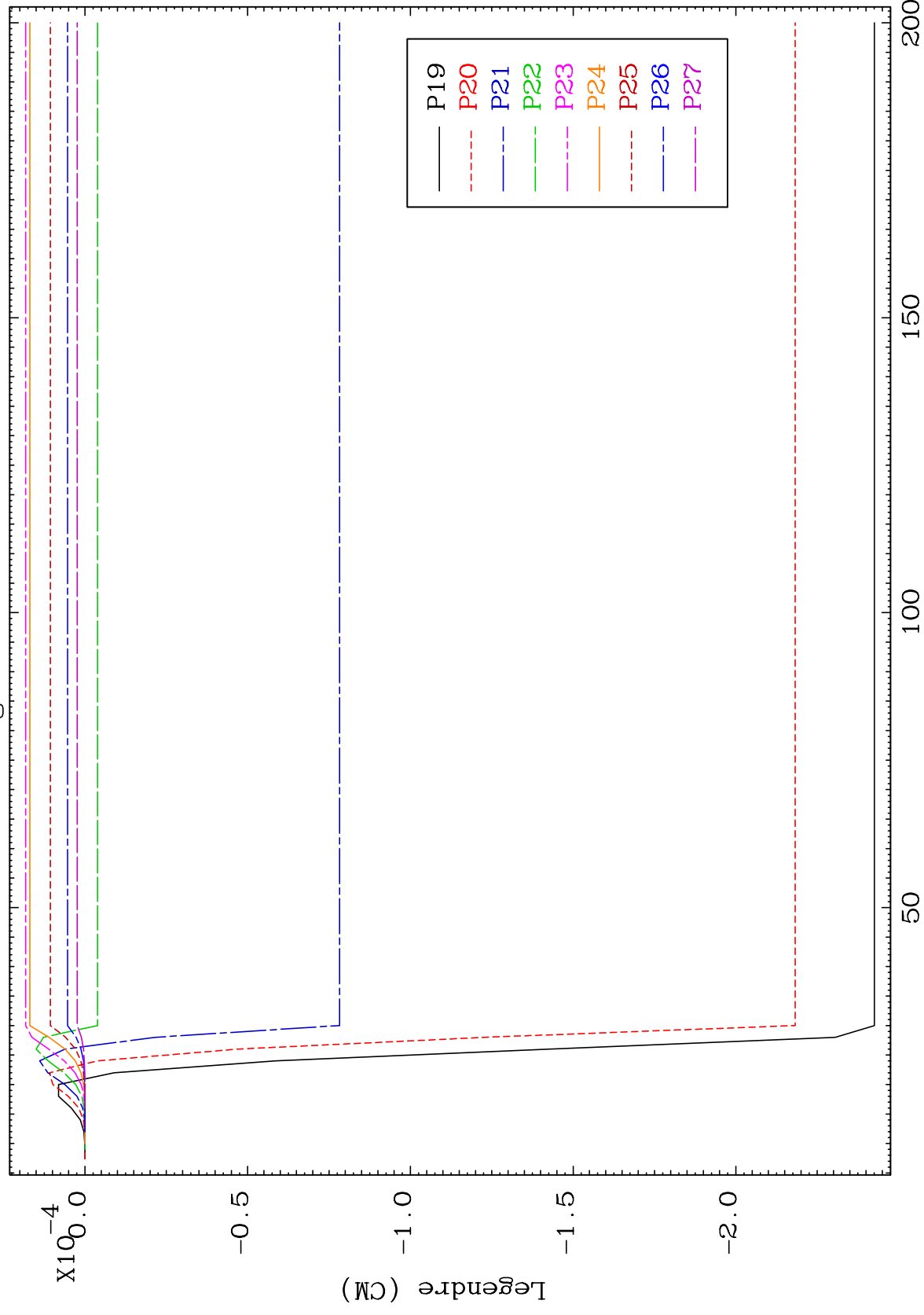
64-Gd-152

MAT 6425

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

64-Gd-152

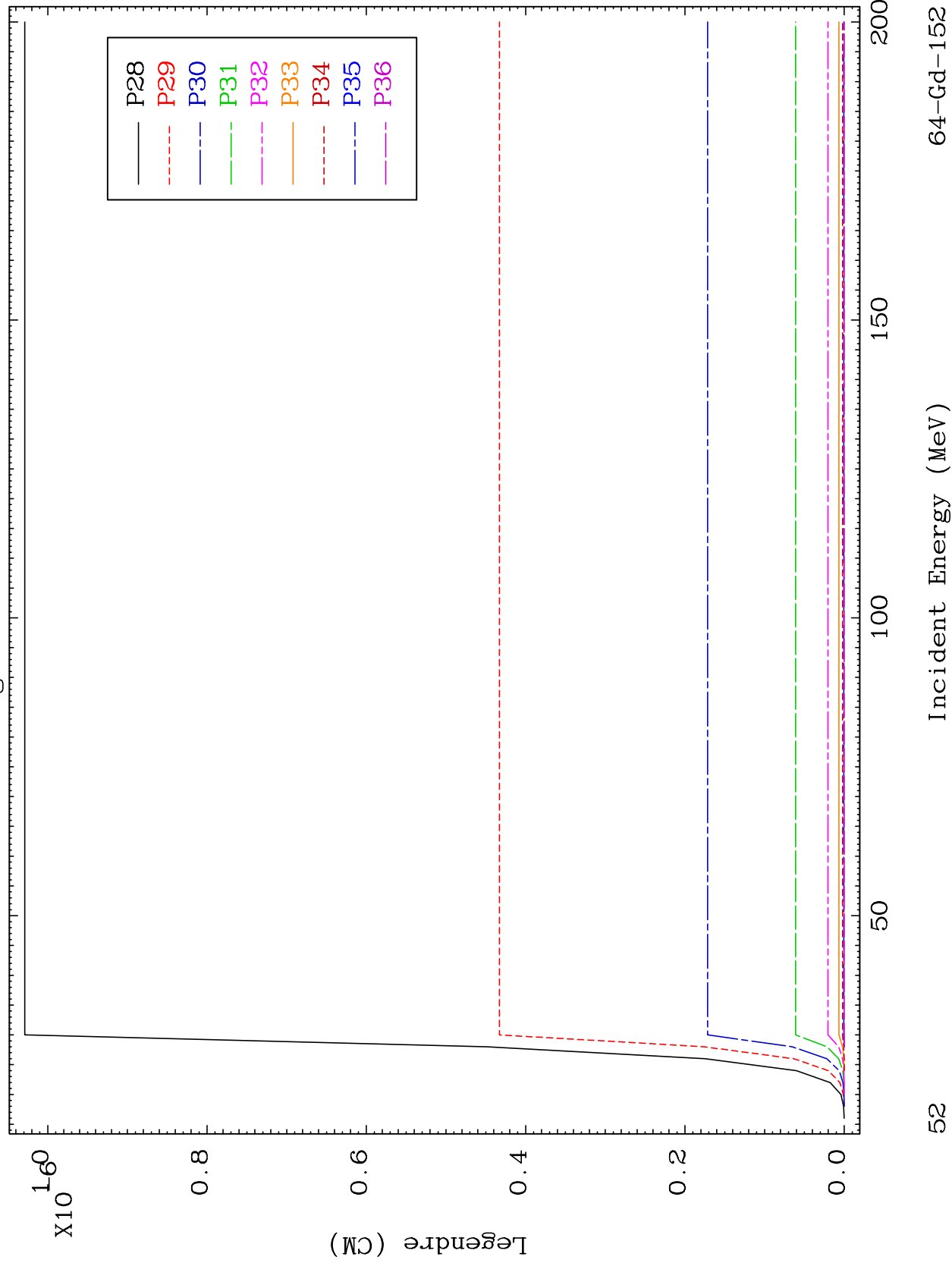




MAT 6425

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

64-Gd-152



52

Incident Energy (MeV)

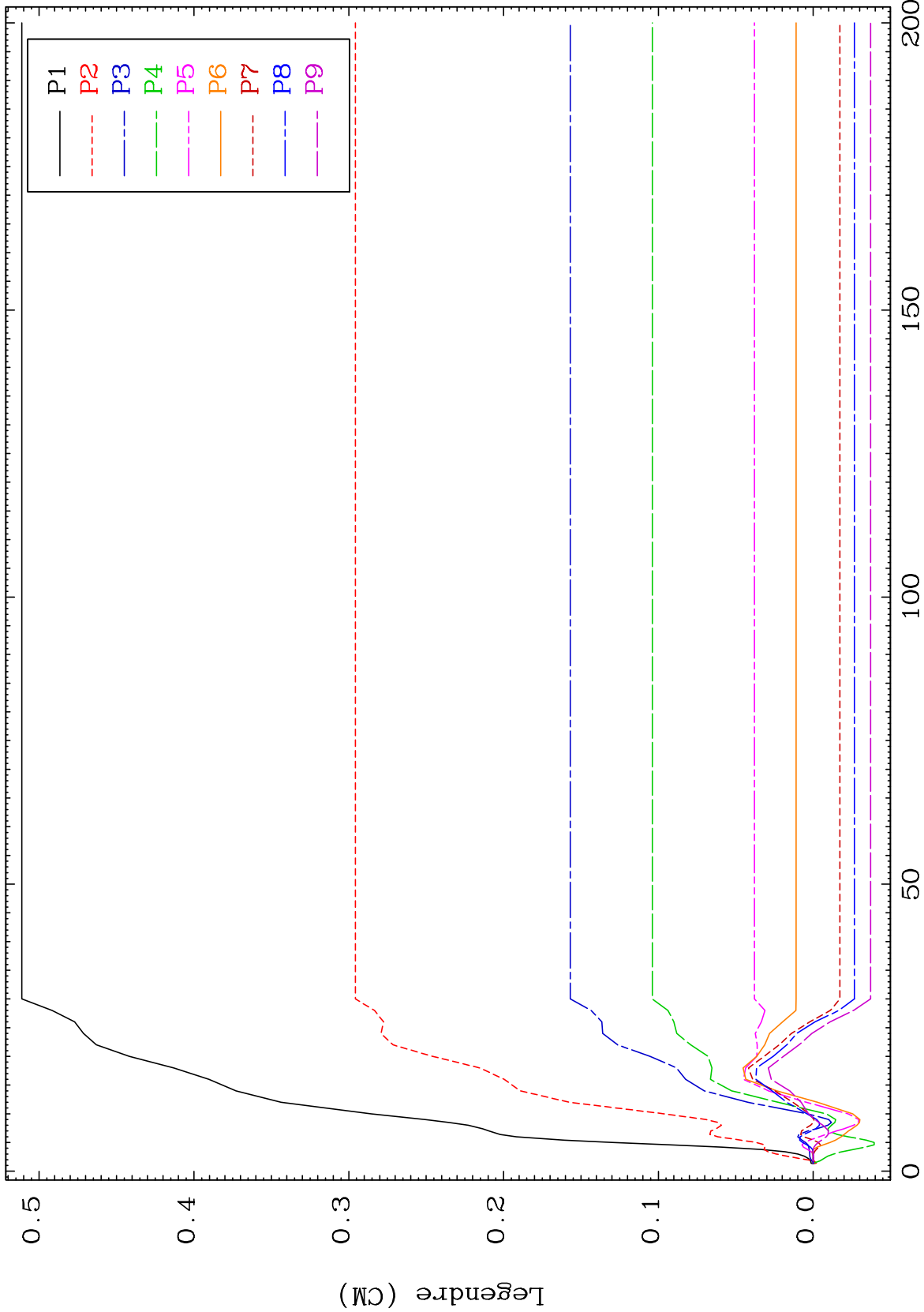
64-Gd-152

MAT 6425

MT= 59 (n,n') Level

64-Gd-152

Legendre Coefficients



53

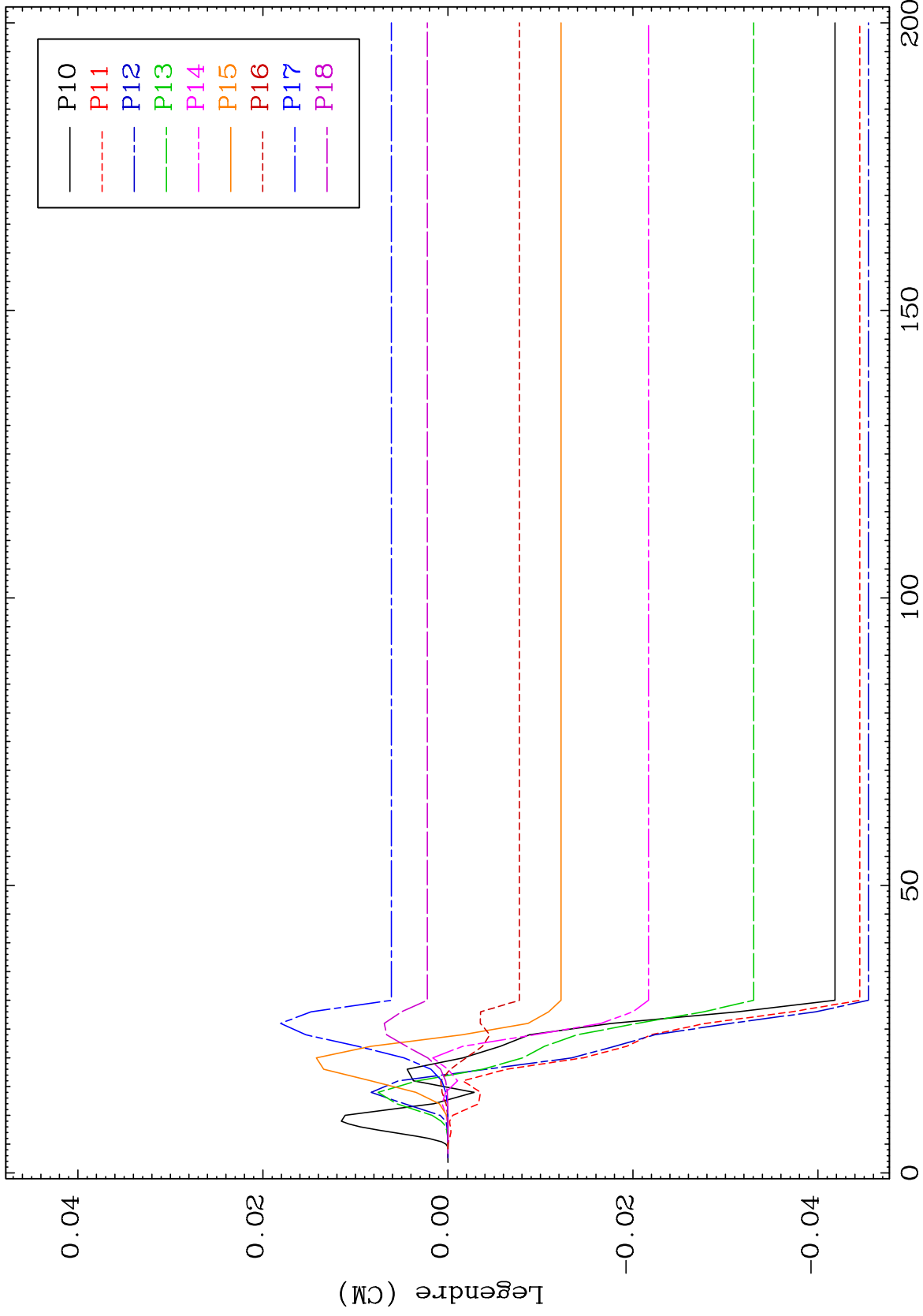
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



54

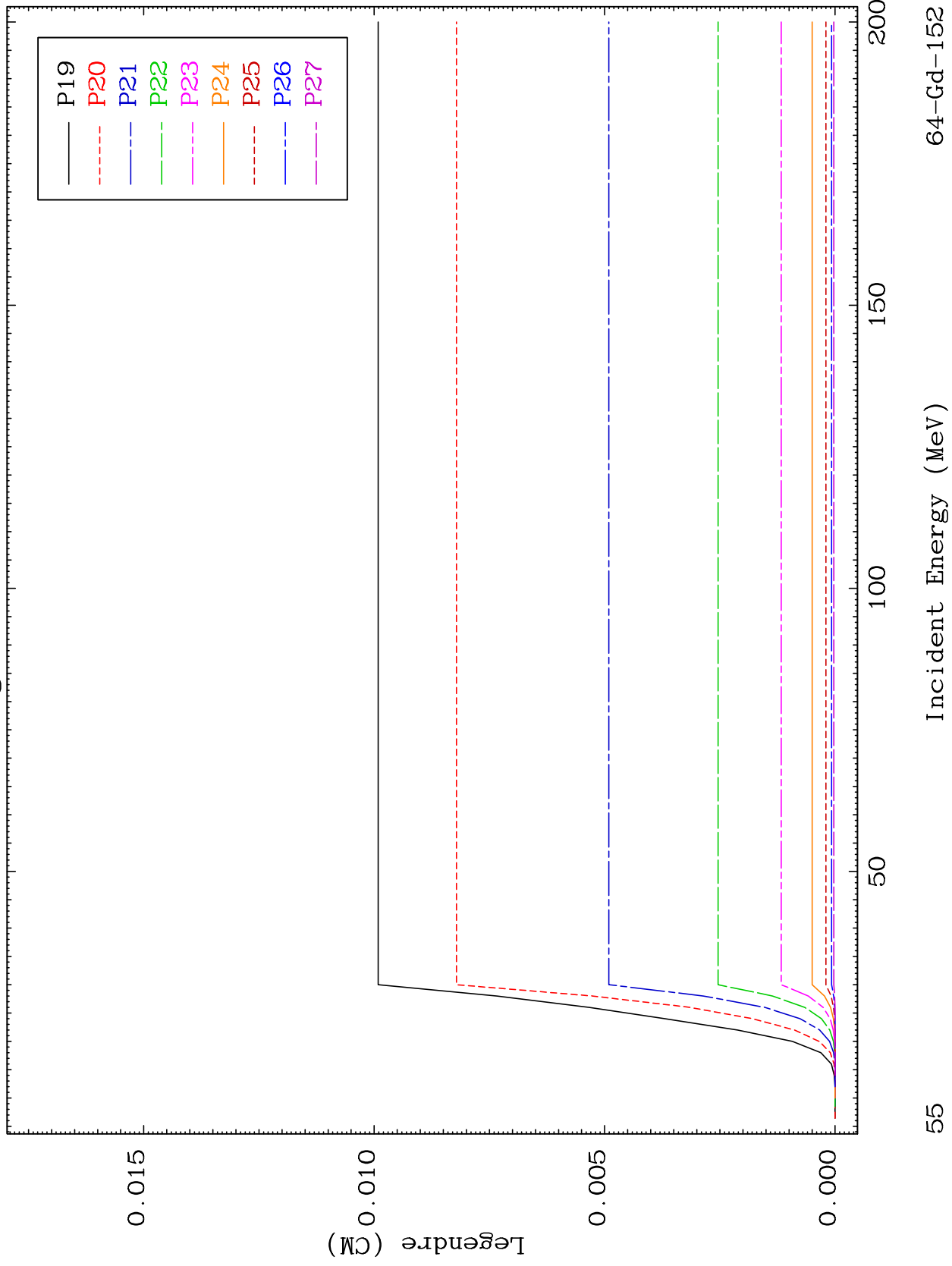
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



55

Incident Energy (MeV)

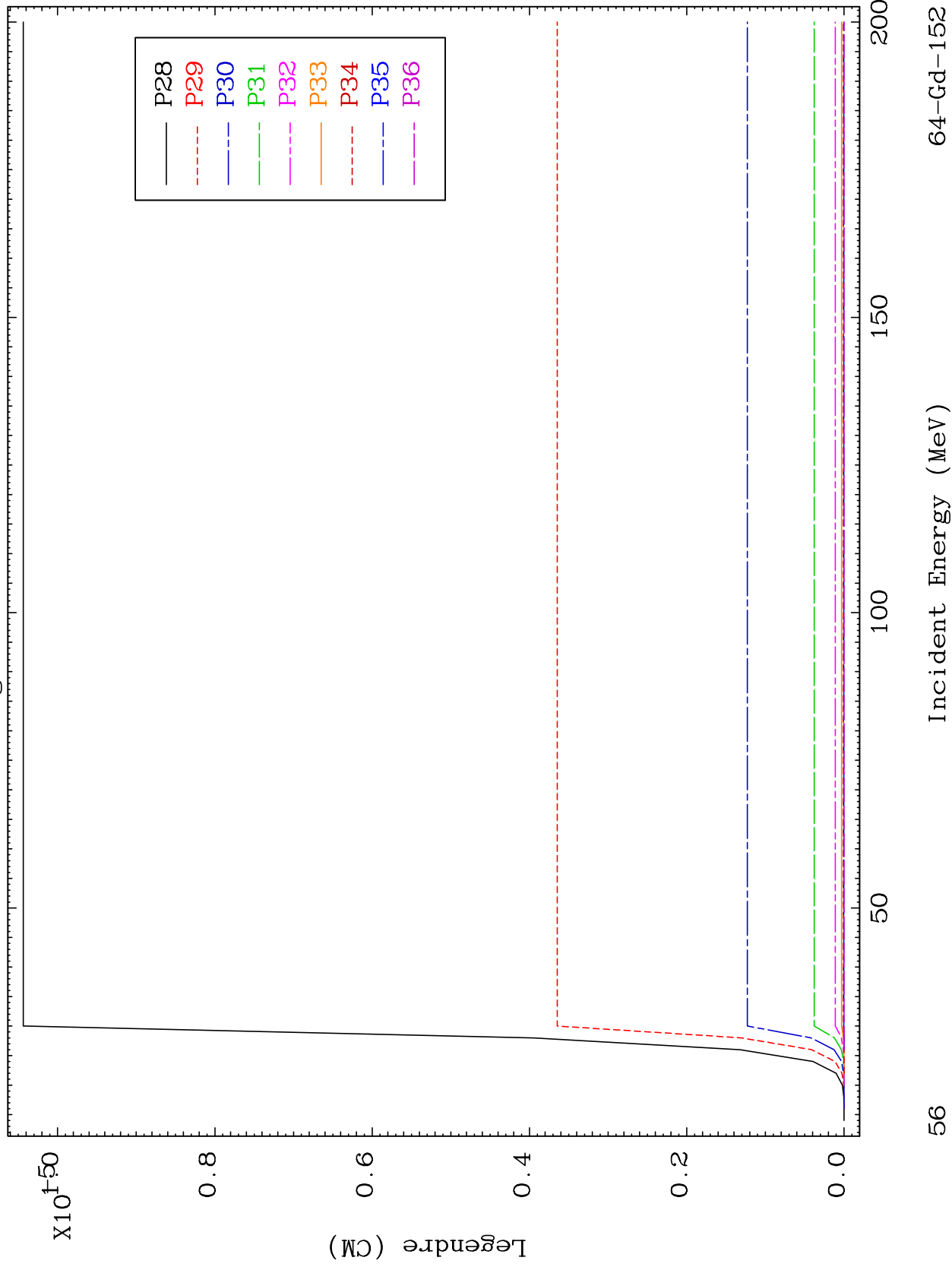
64-Gd-152



MAT 6425

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

64-Gd-152



56

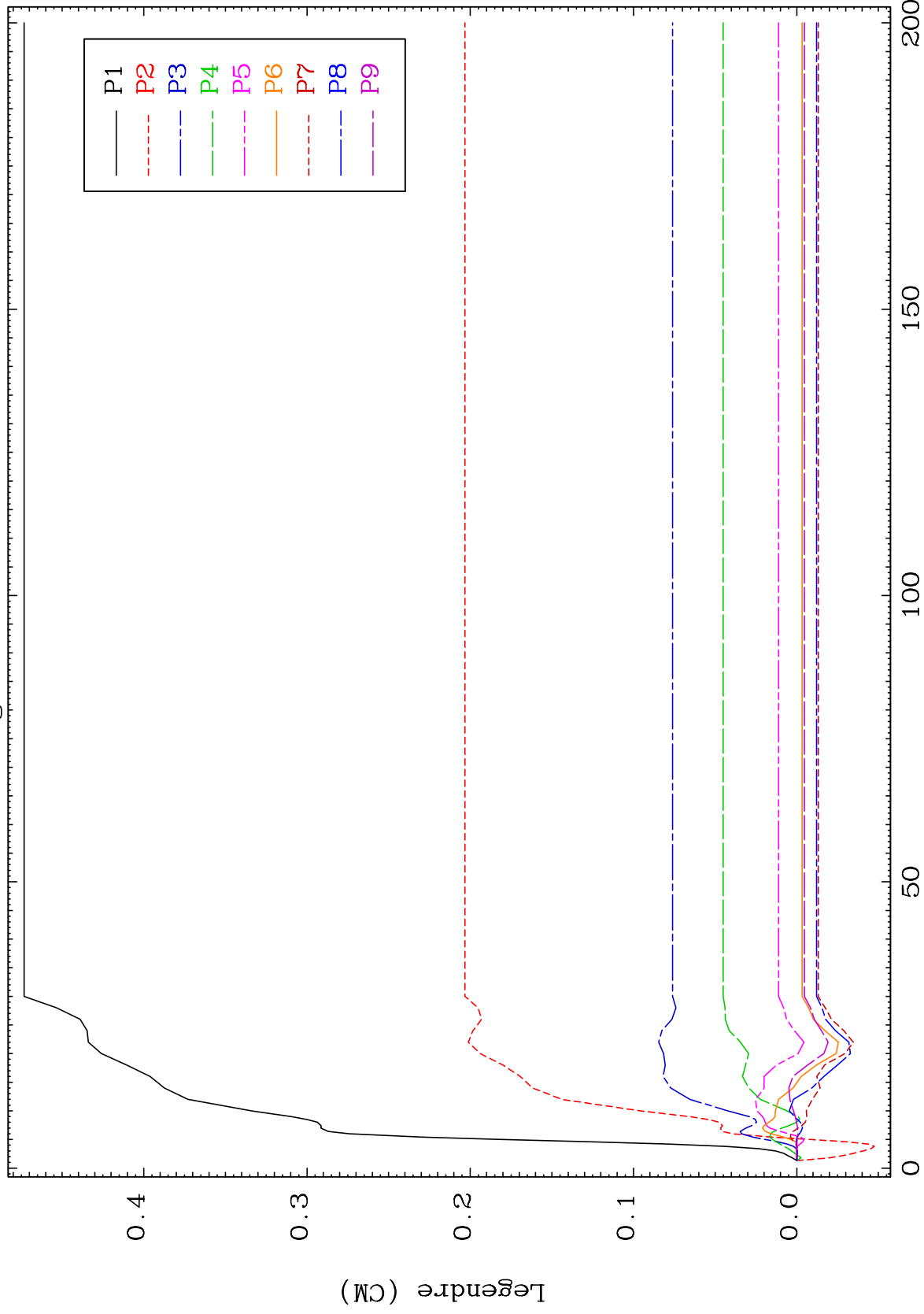
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



57

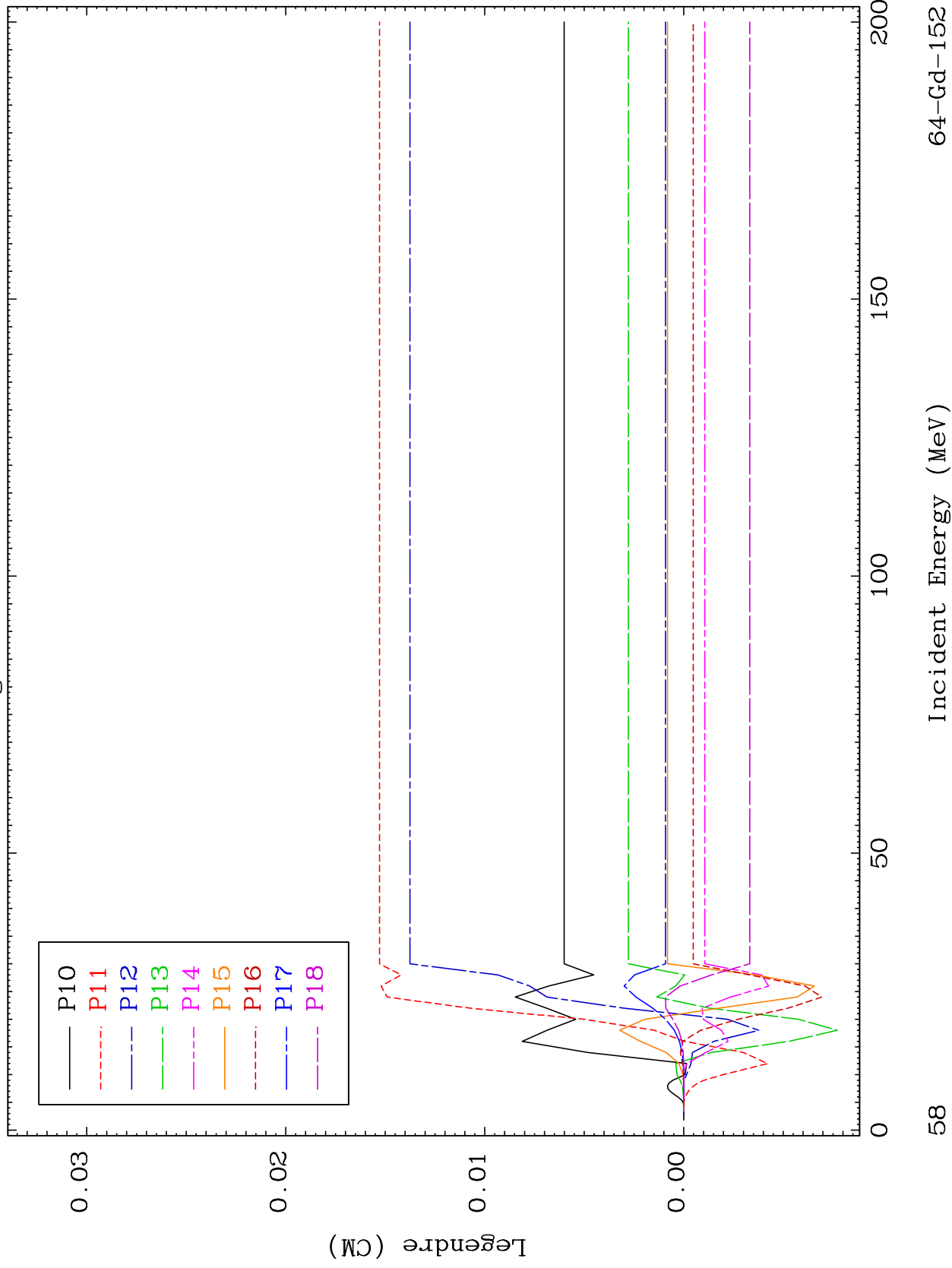
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

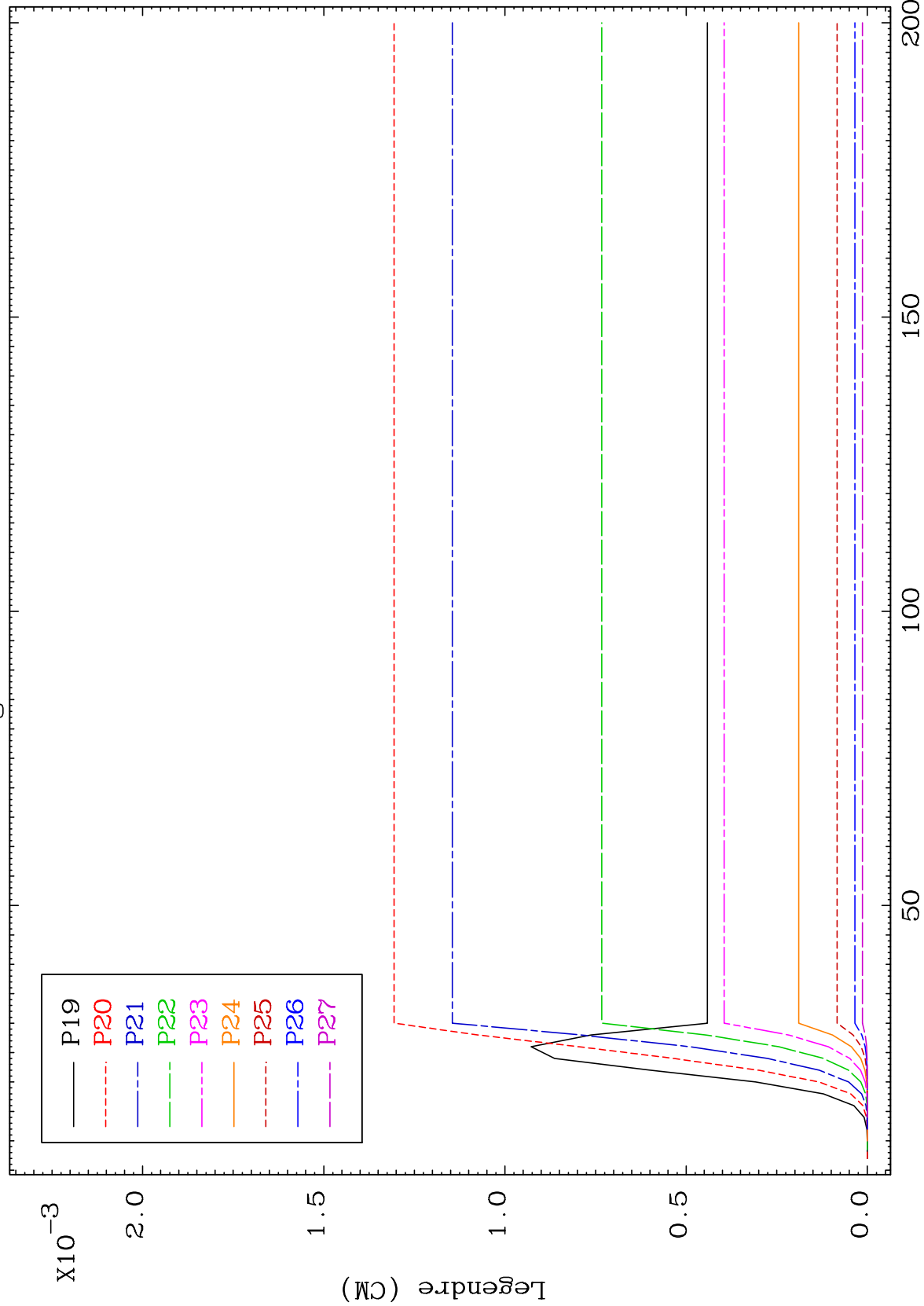
64-Gd-152



64-Gd-152

Incident Energy (MeV)

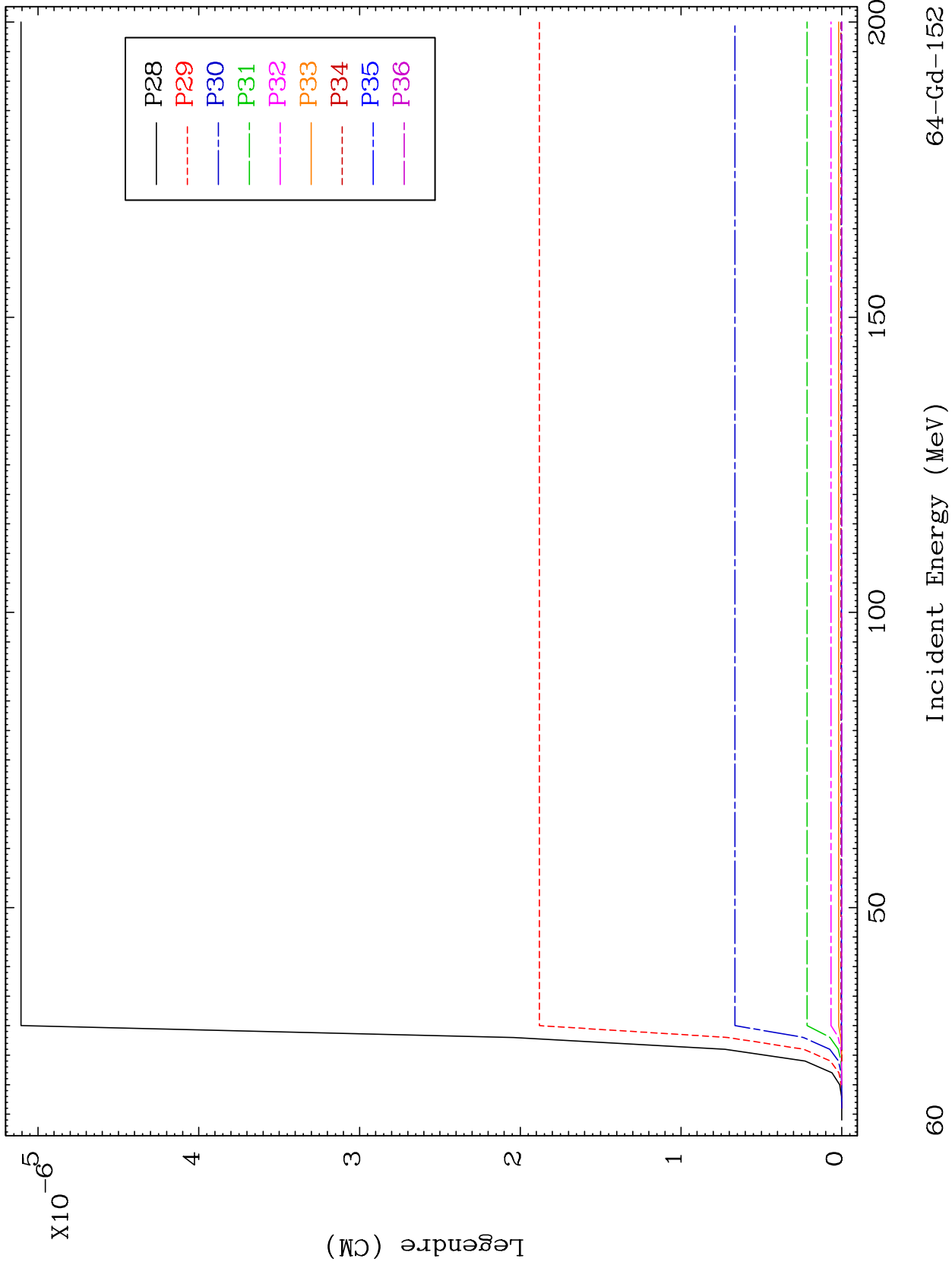
58



MAT 6425

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

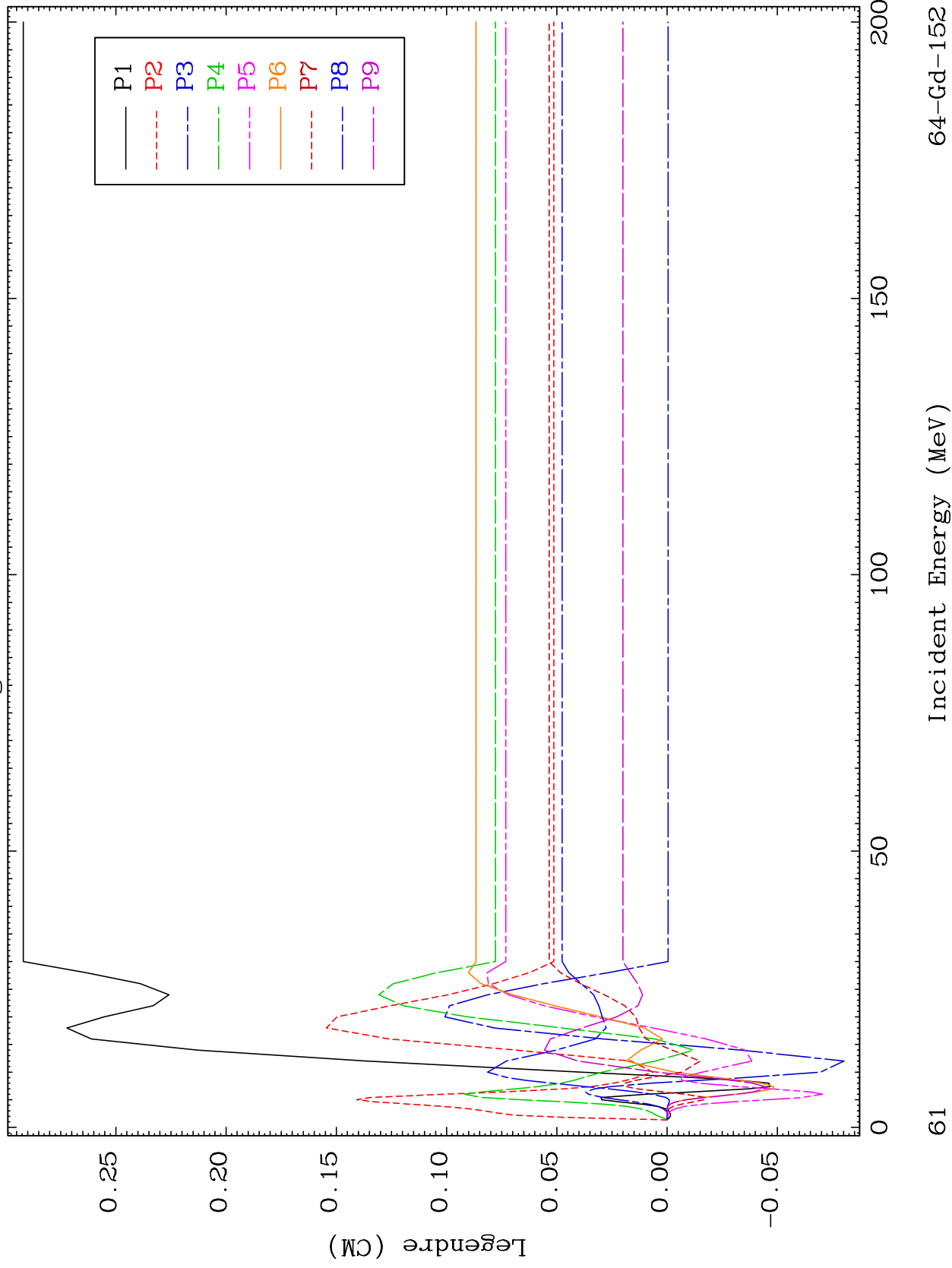
64-Gd-152



MAT 6425

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

64-Gd-152



64-Gd-152

Incident Energy (MeV)

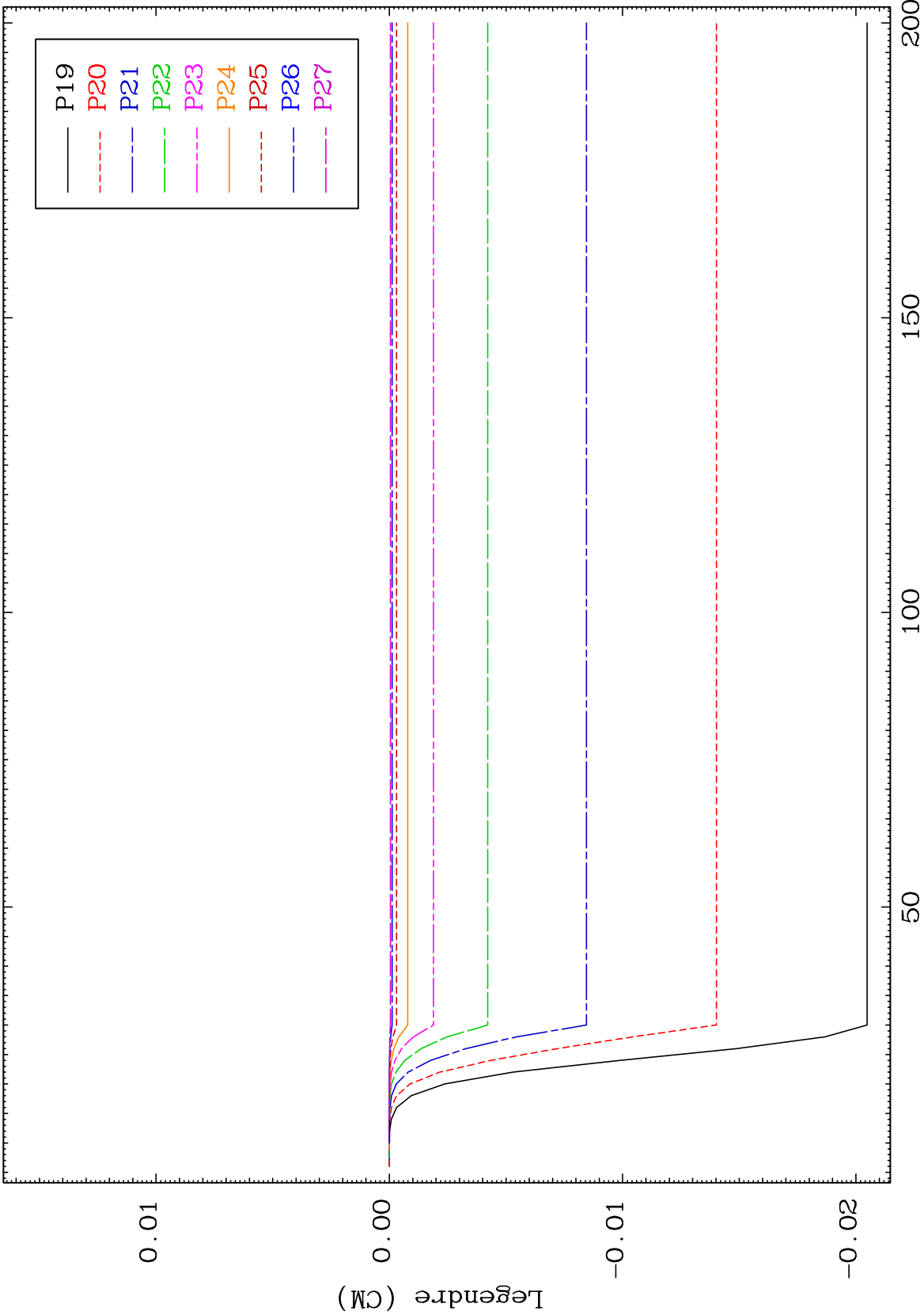
61



MAT 6425

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

64-Gd-152

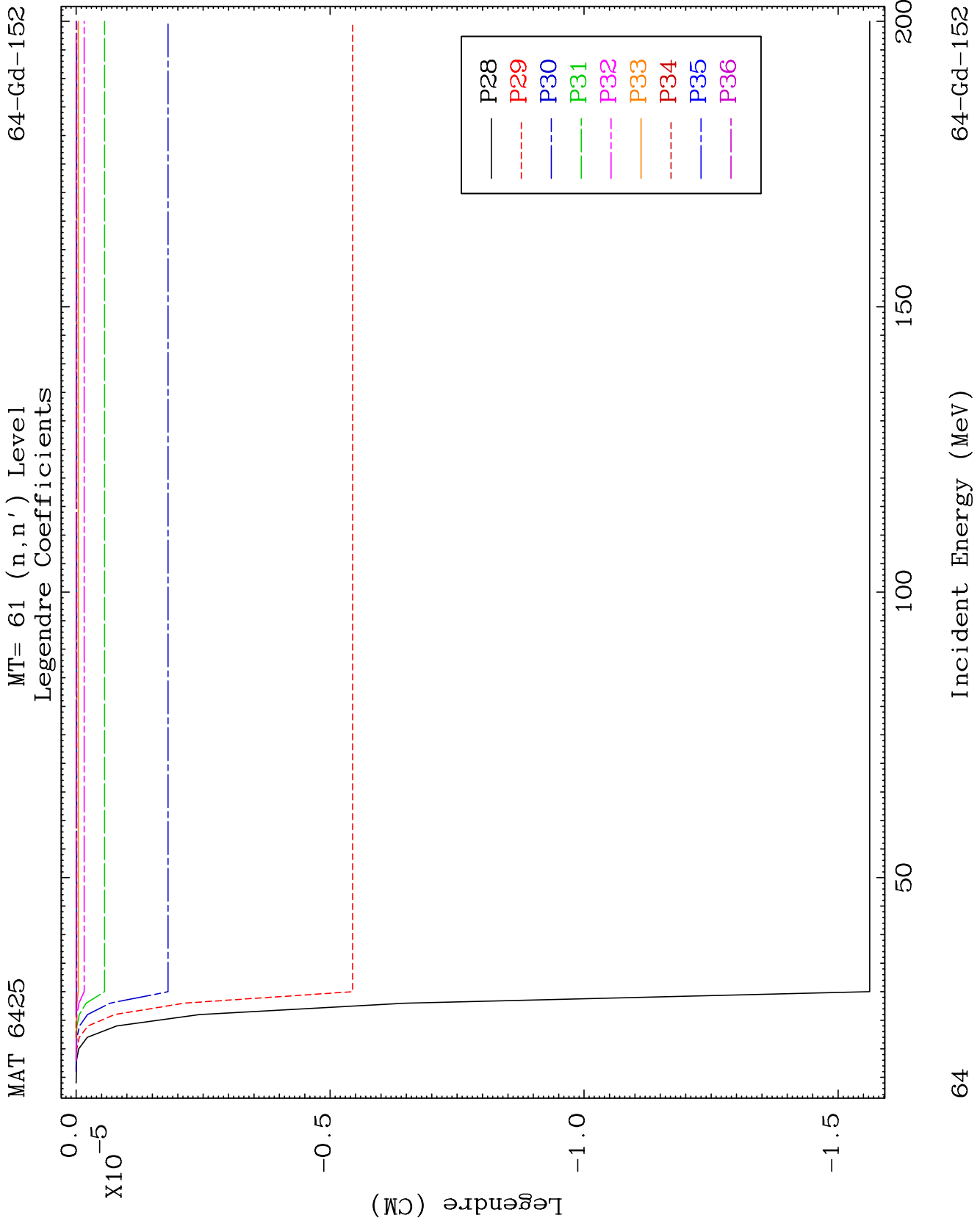


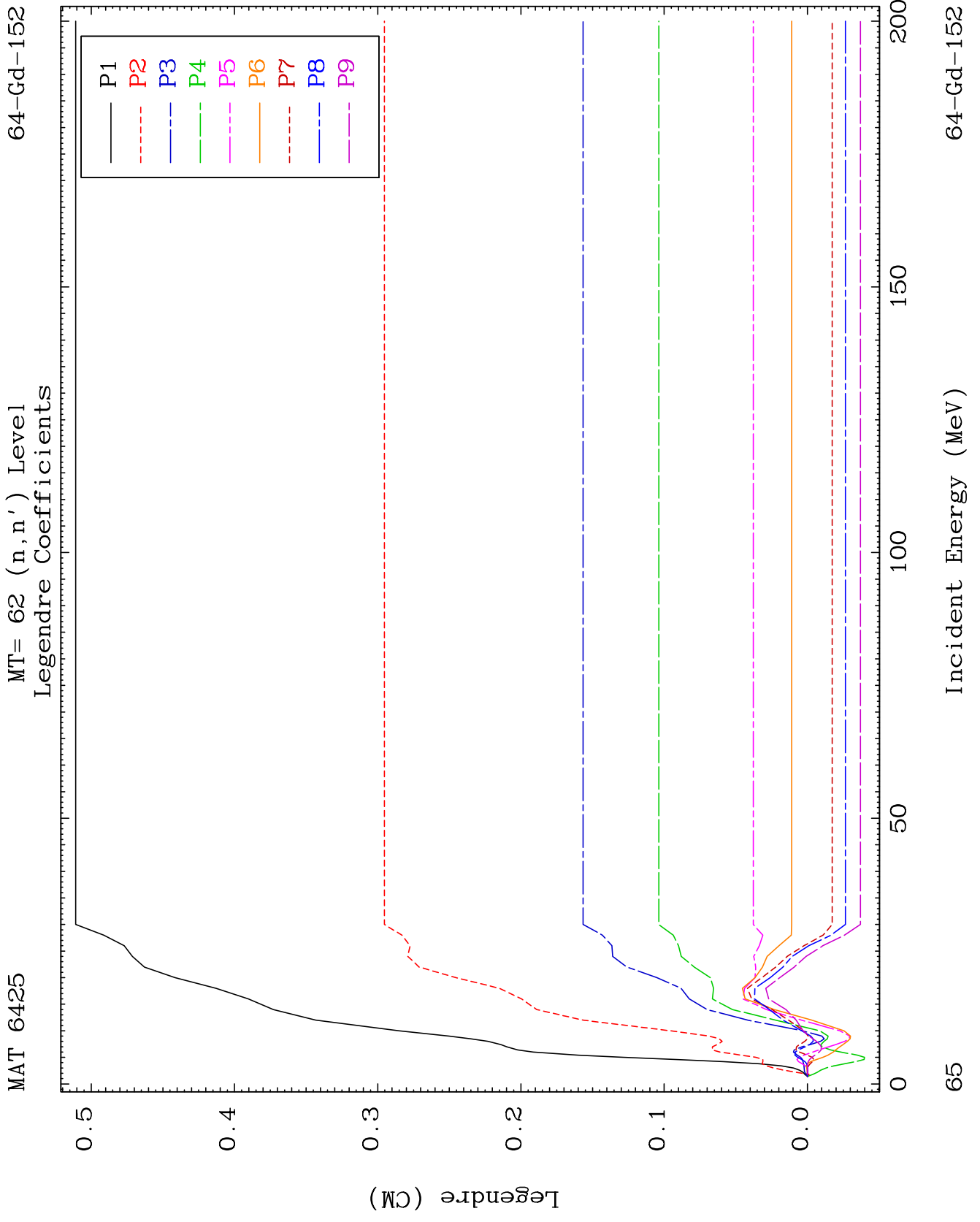
63

Incident Energy (MeV)

64-Gd-152



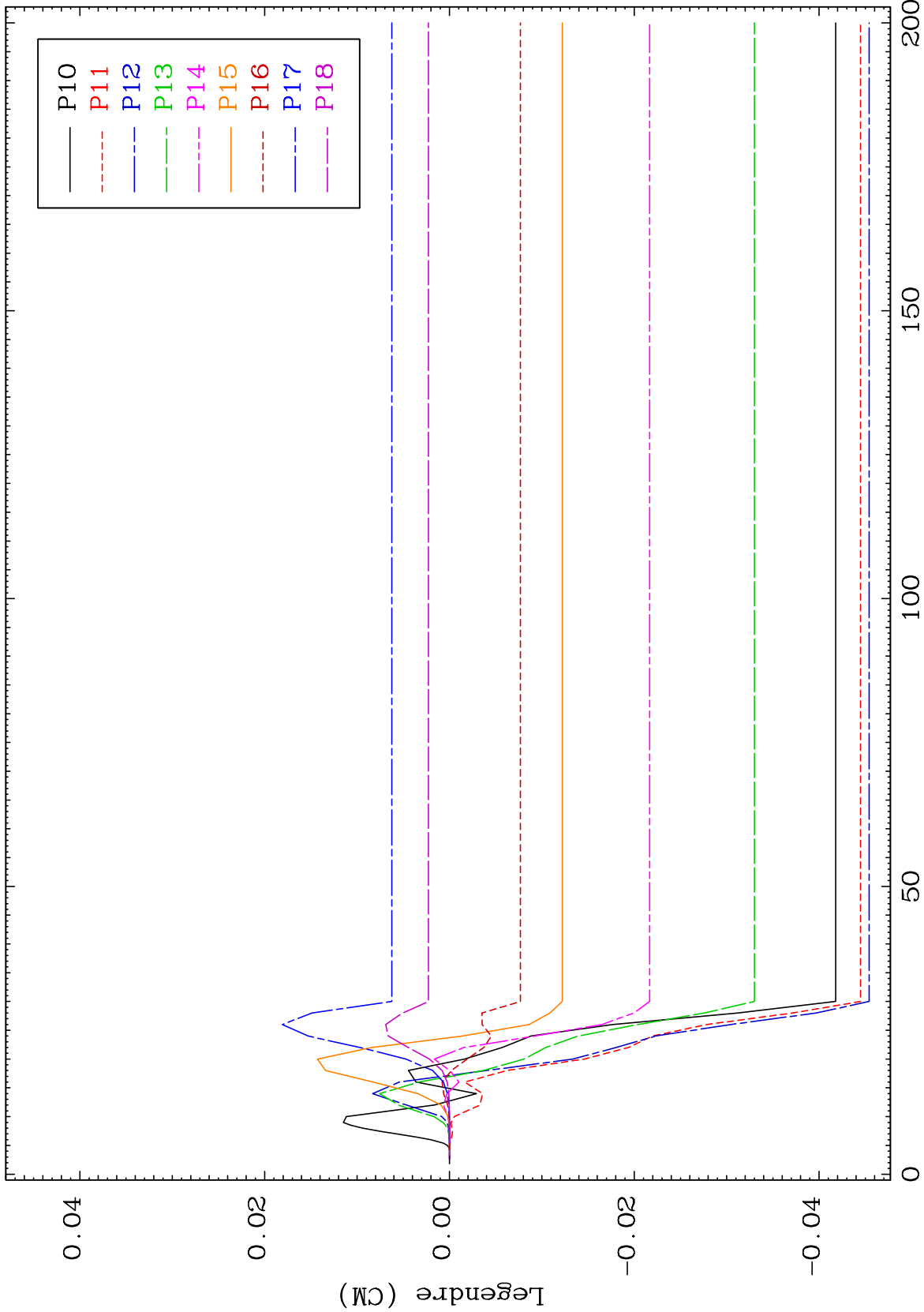




MAT 6425

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

64-Gd-152



66

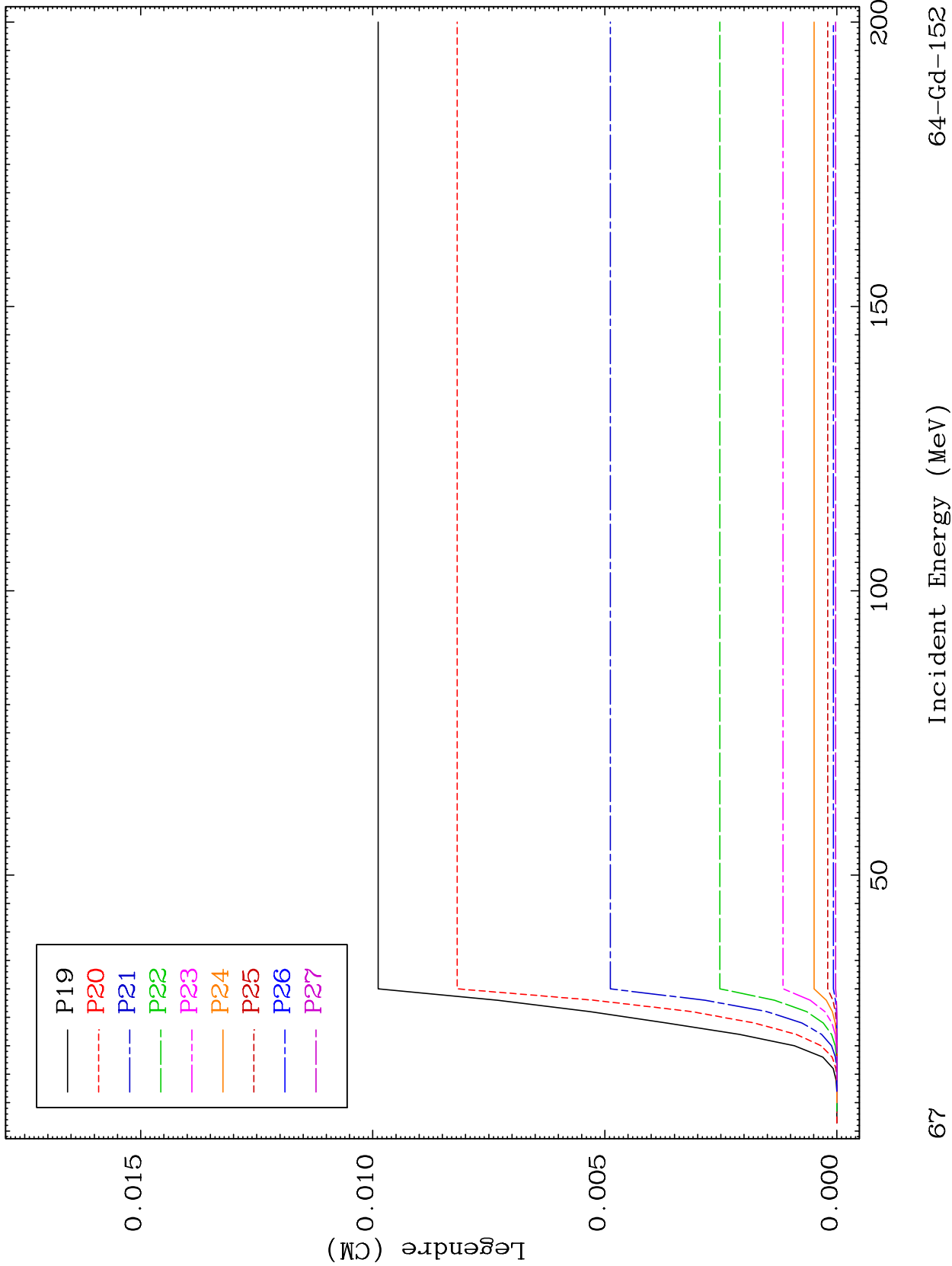
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



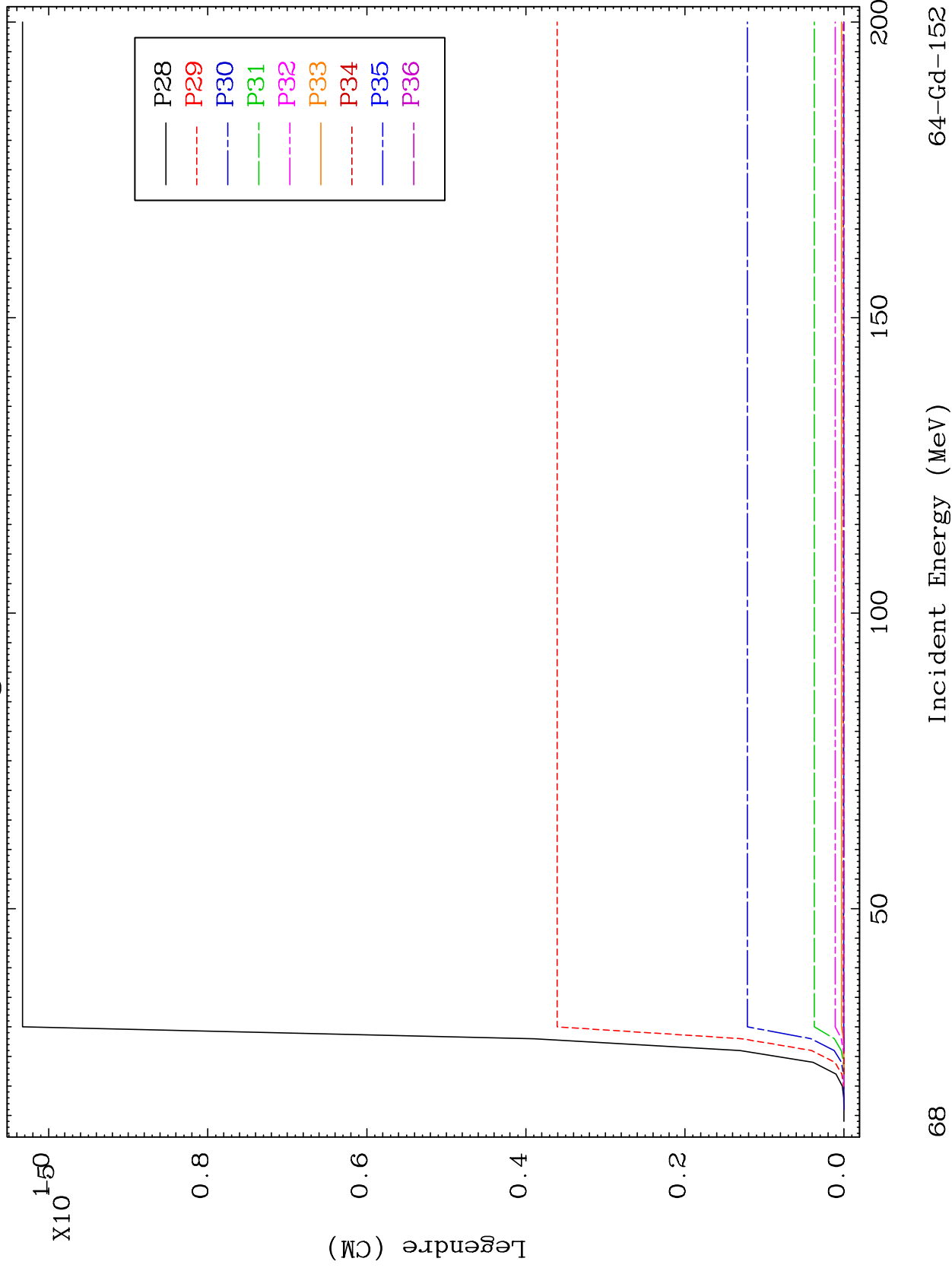
67

64-Gd-152

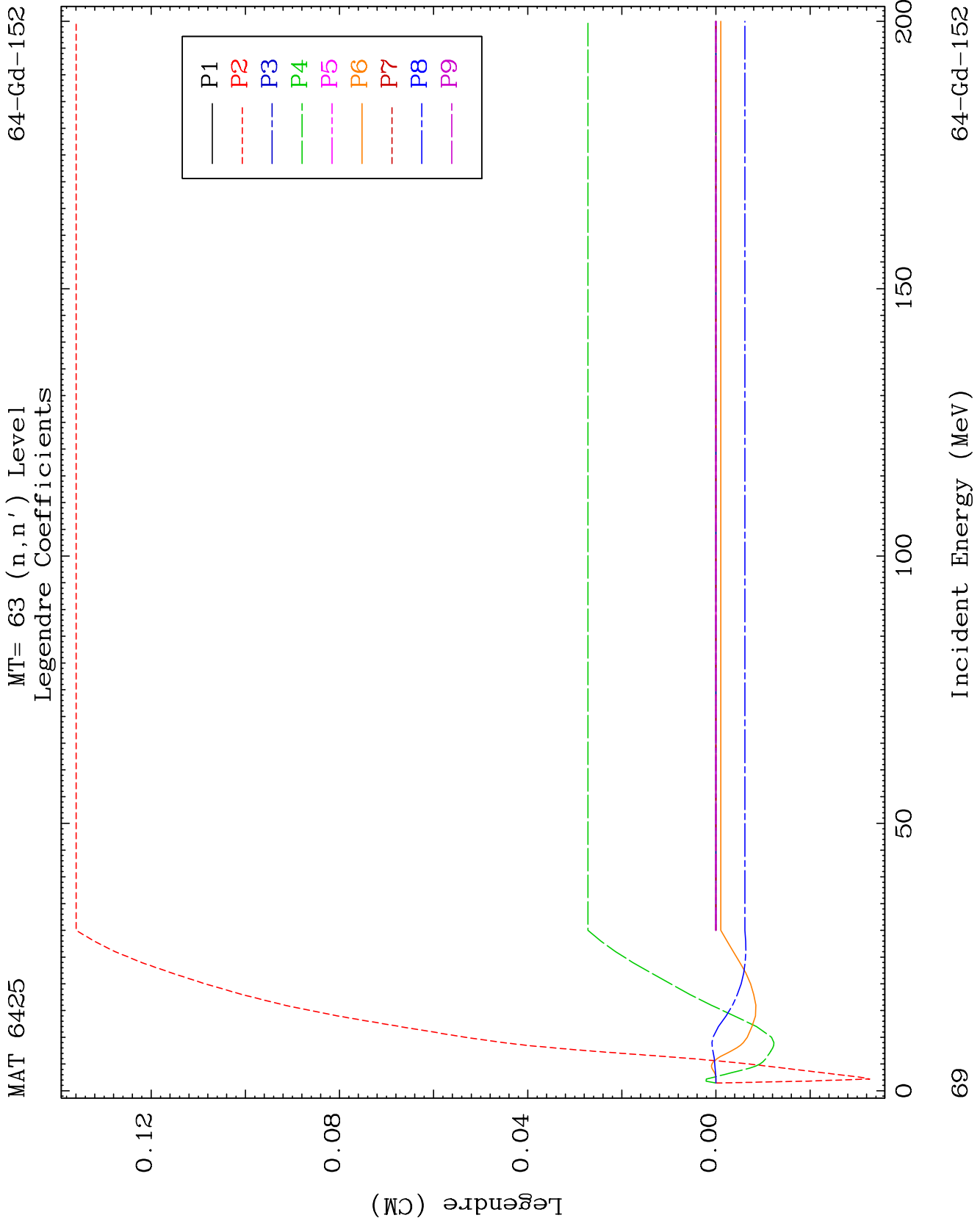
MAT 6425

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

64-Gd-152



68

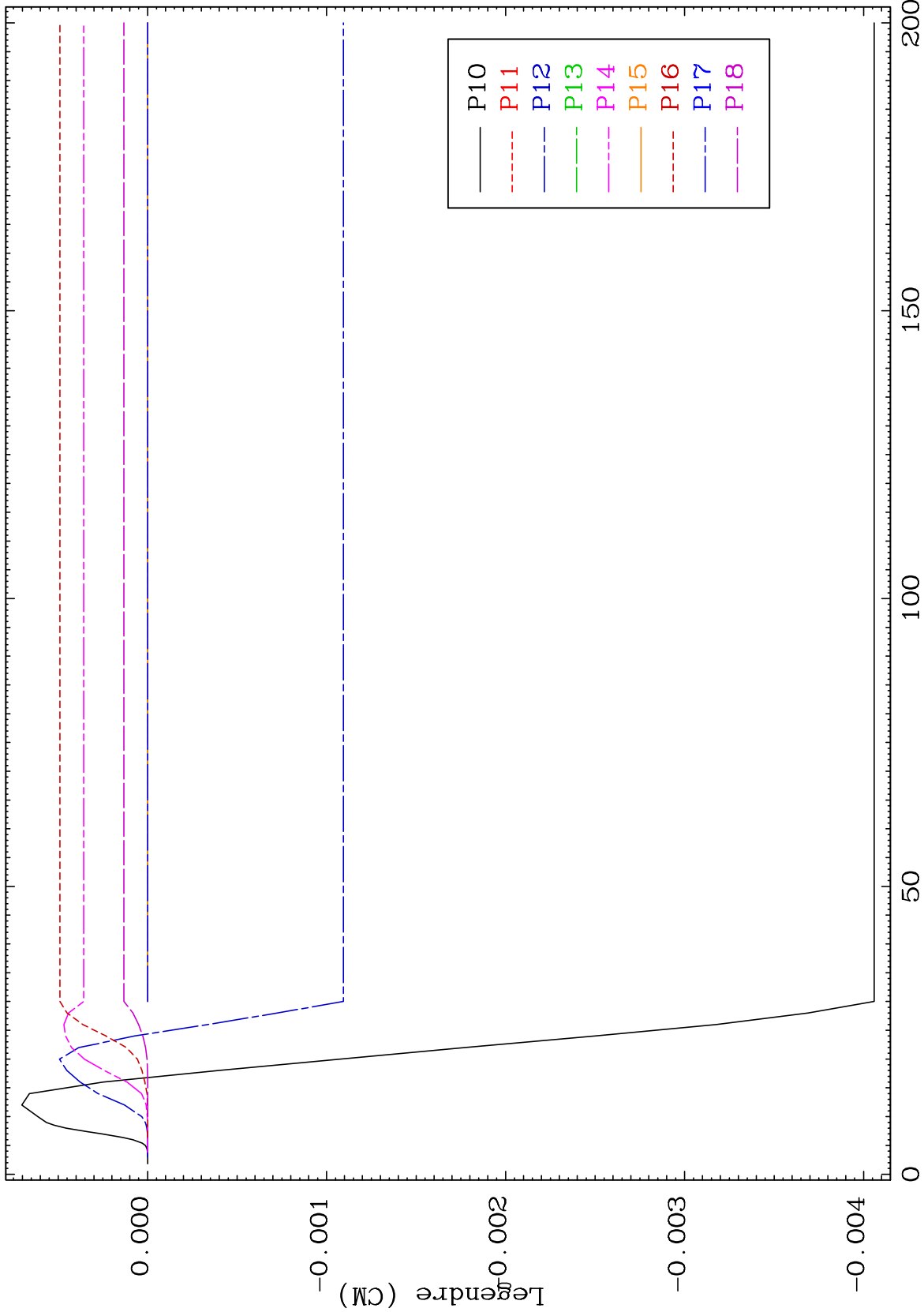


MAT 6425

MT= 63 (n,n') Level

64-Gd-152

Legendre Coefficients



70

Incident Energy (MeV)

64-Gd-152

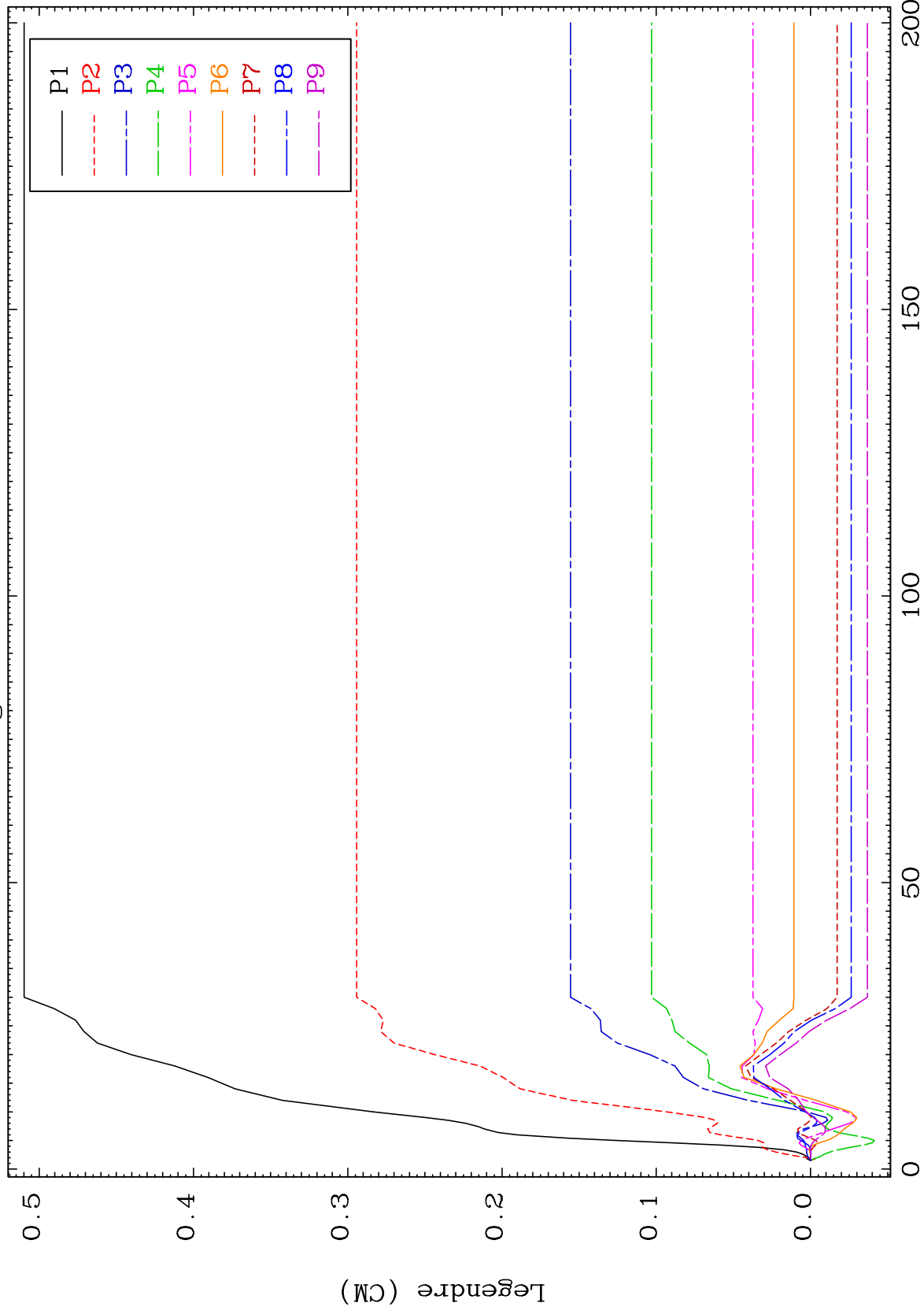




MAT 6425

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

64-Gd-152



72

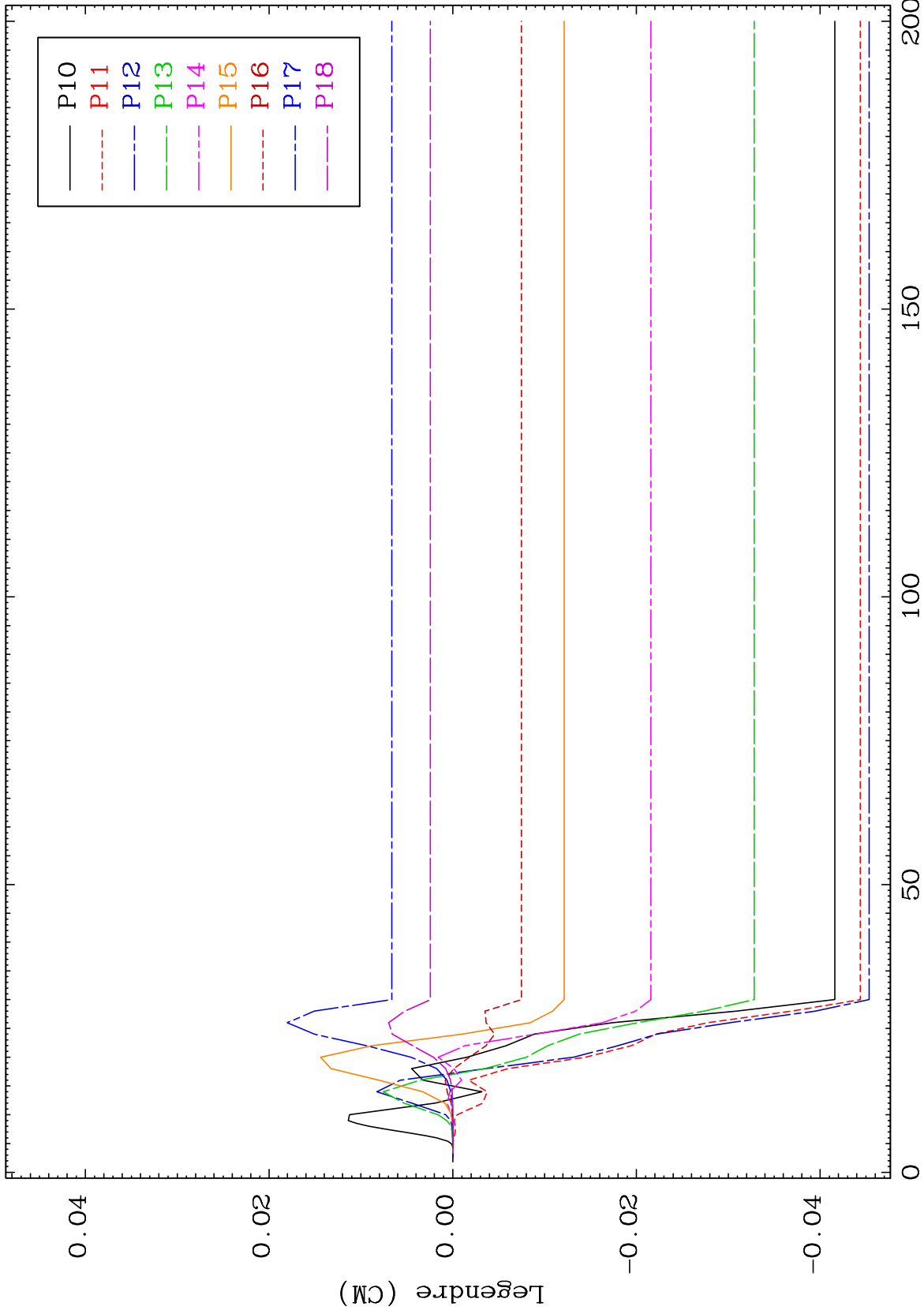
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



73

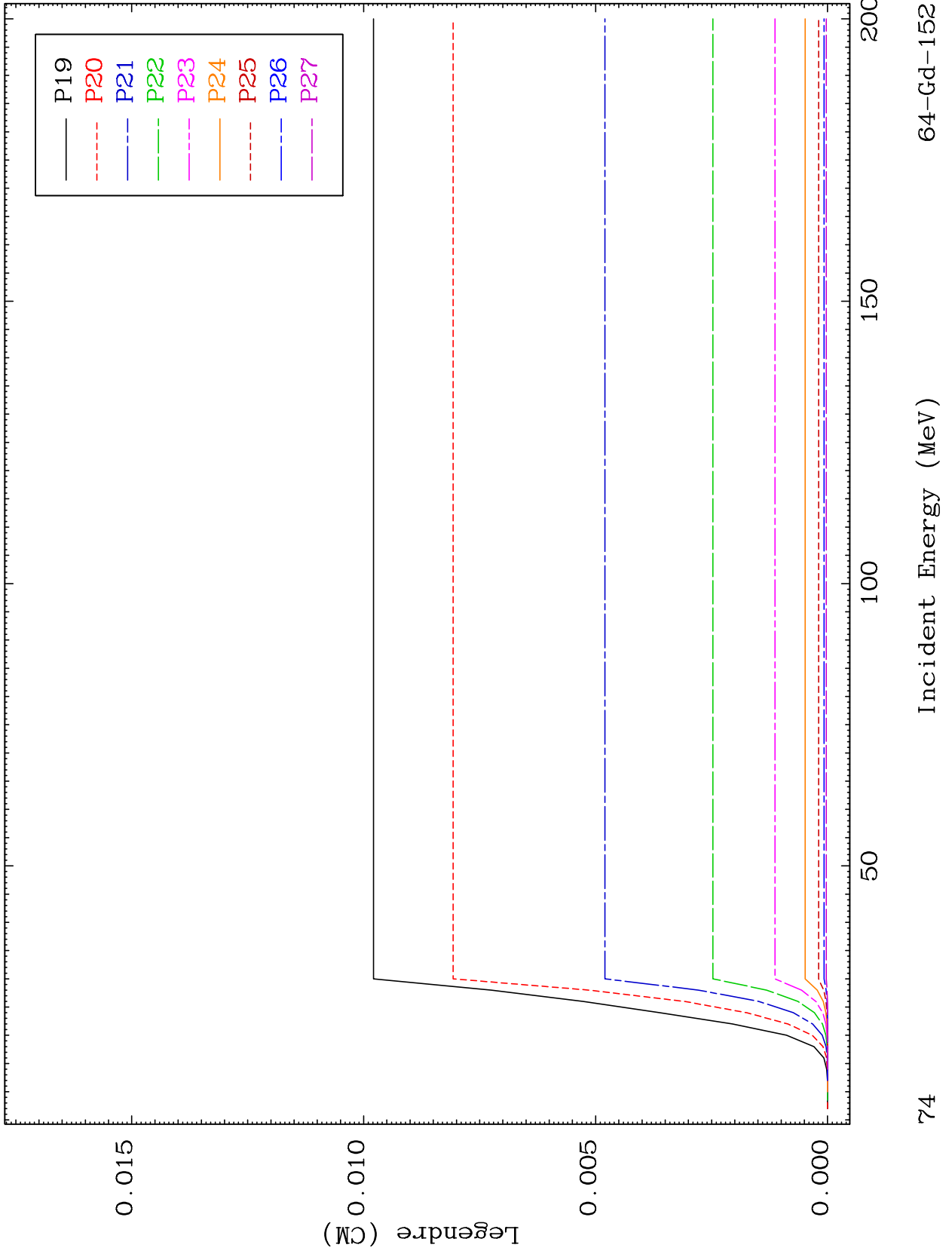
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



74

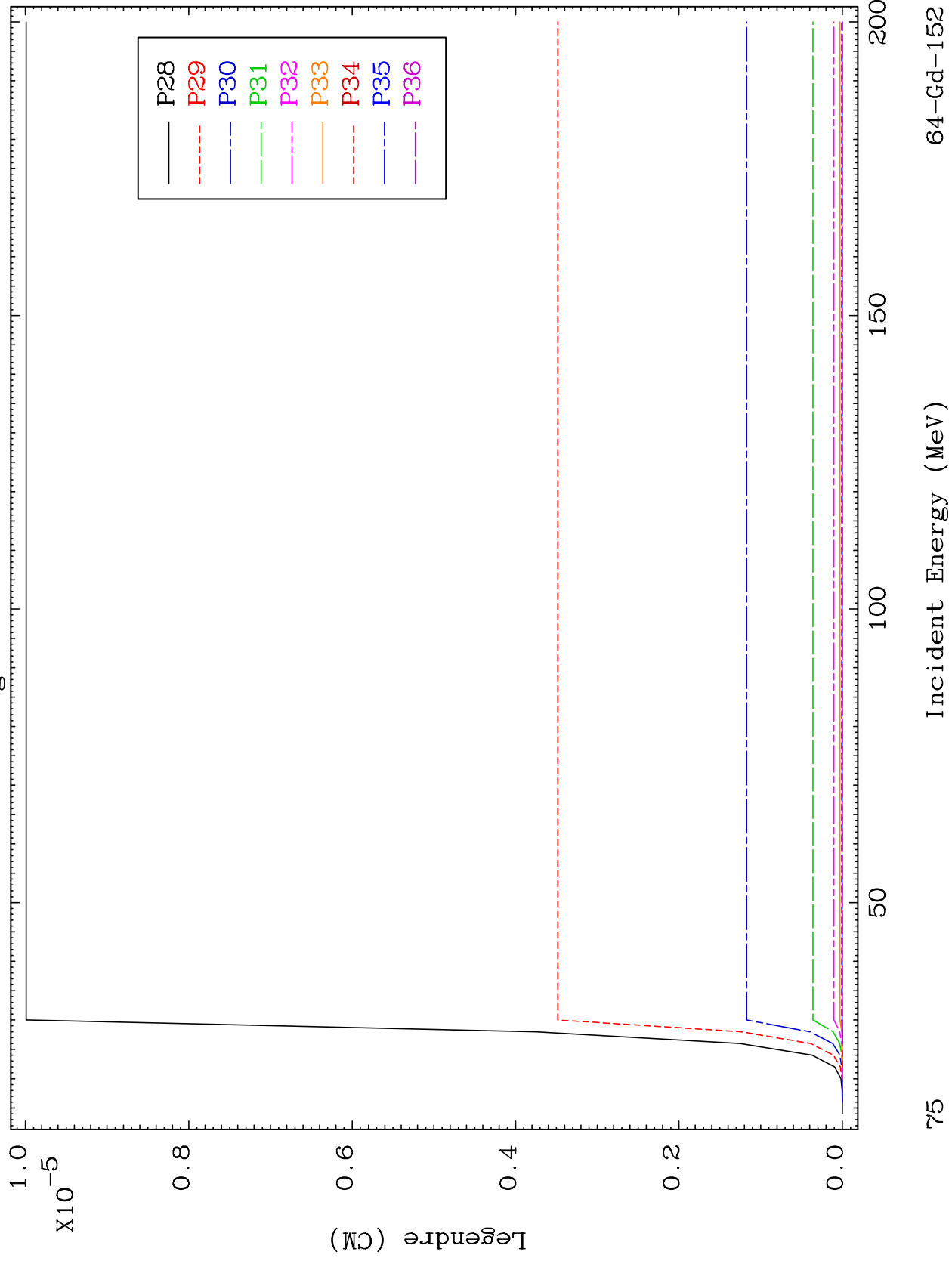
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

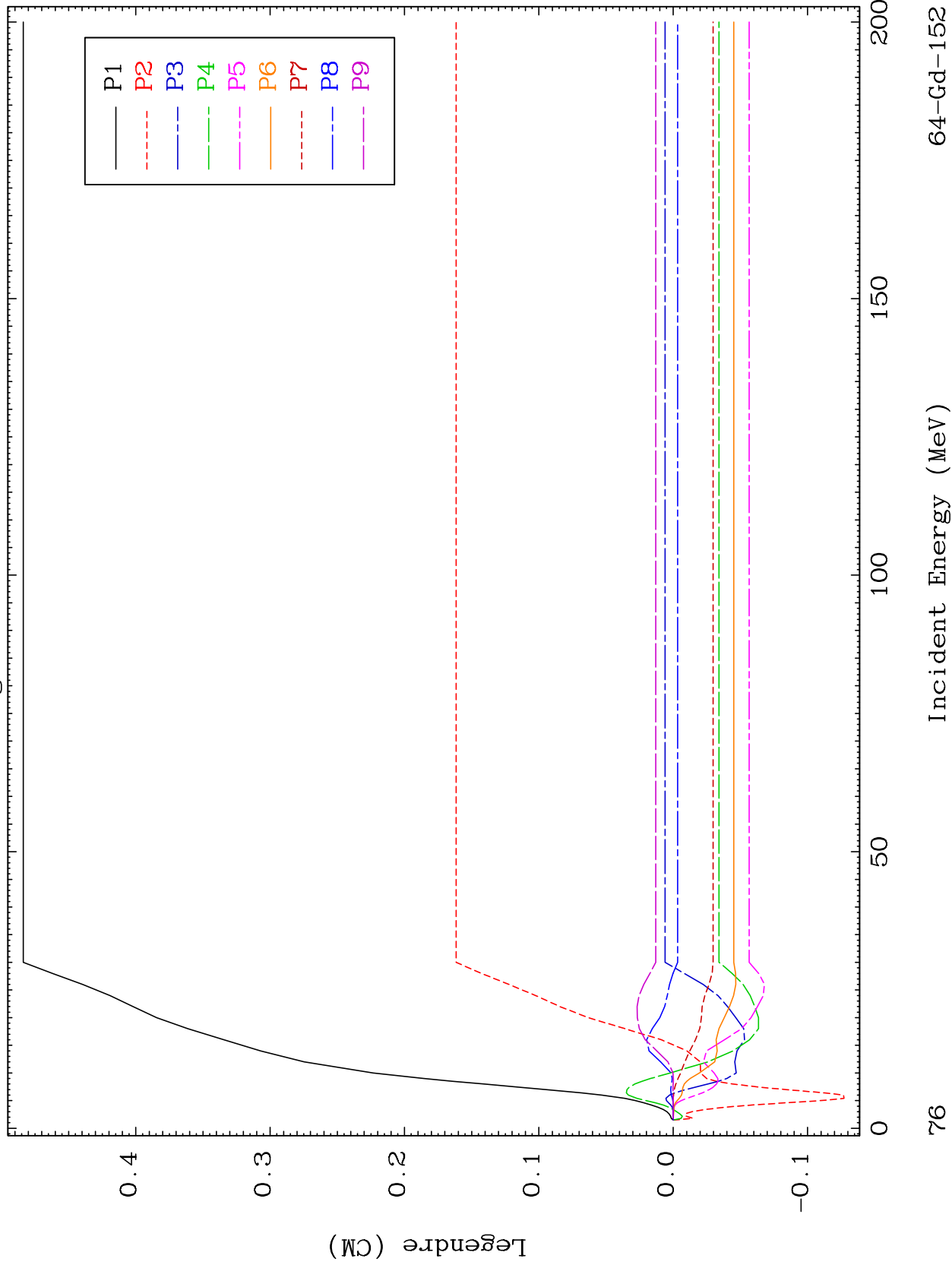
64-Gd-152



MAT 6425

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

64-Gd-152



64-Gd-152

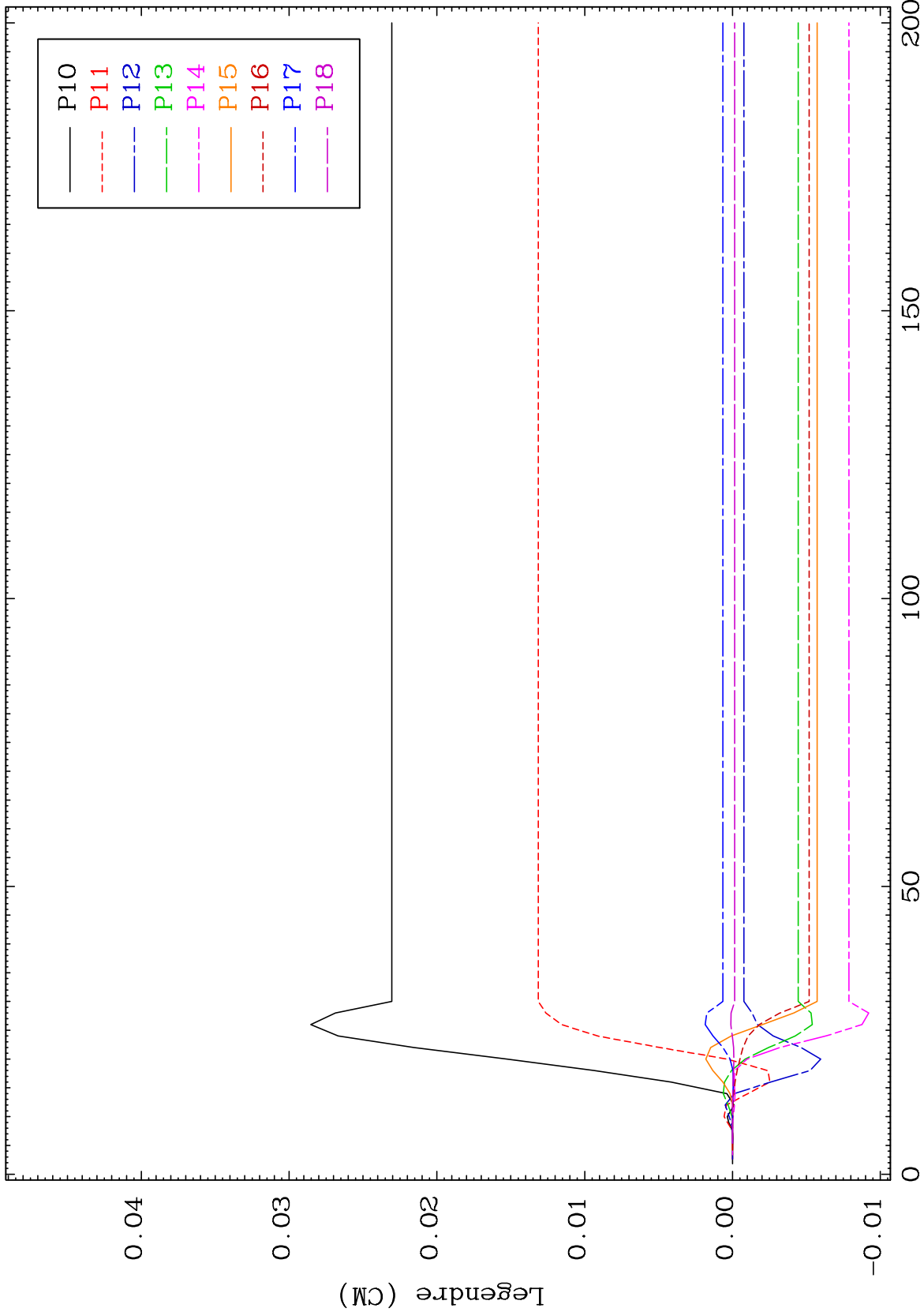
Incident Energy (MeV)

76

MAT 6425

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

64-Gd-152



77

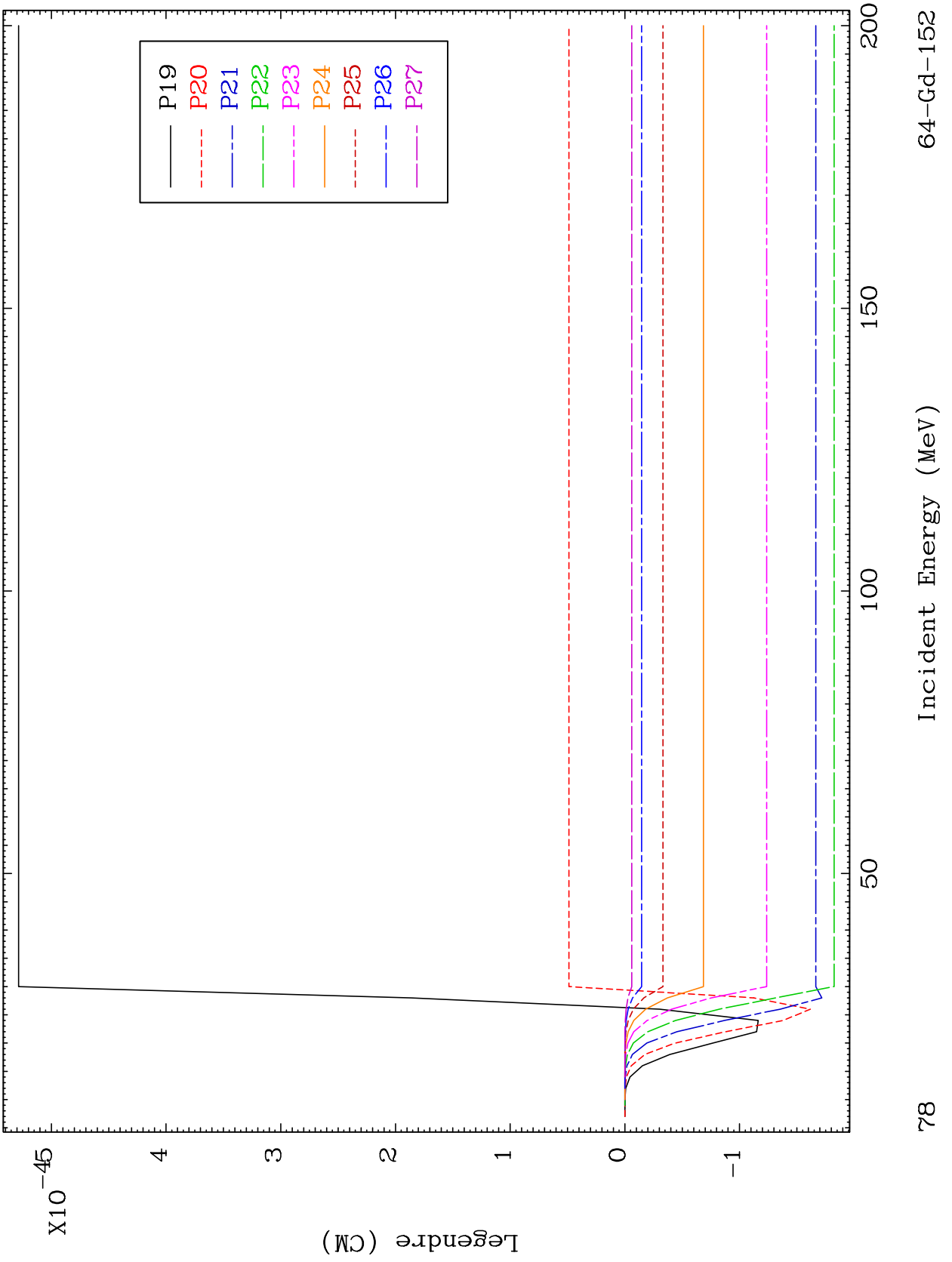
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



78

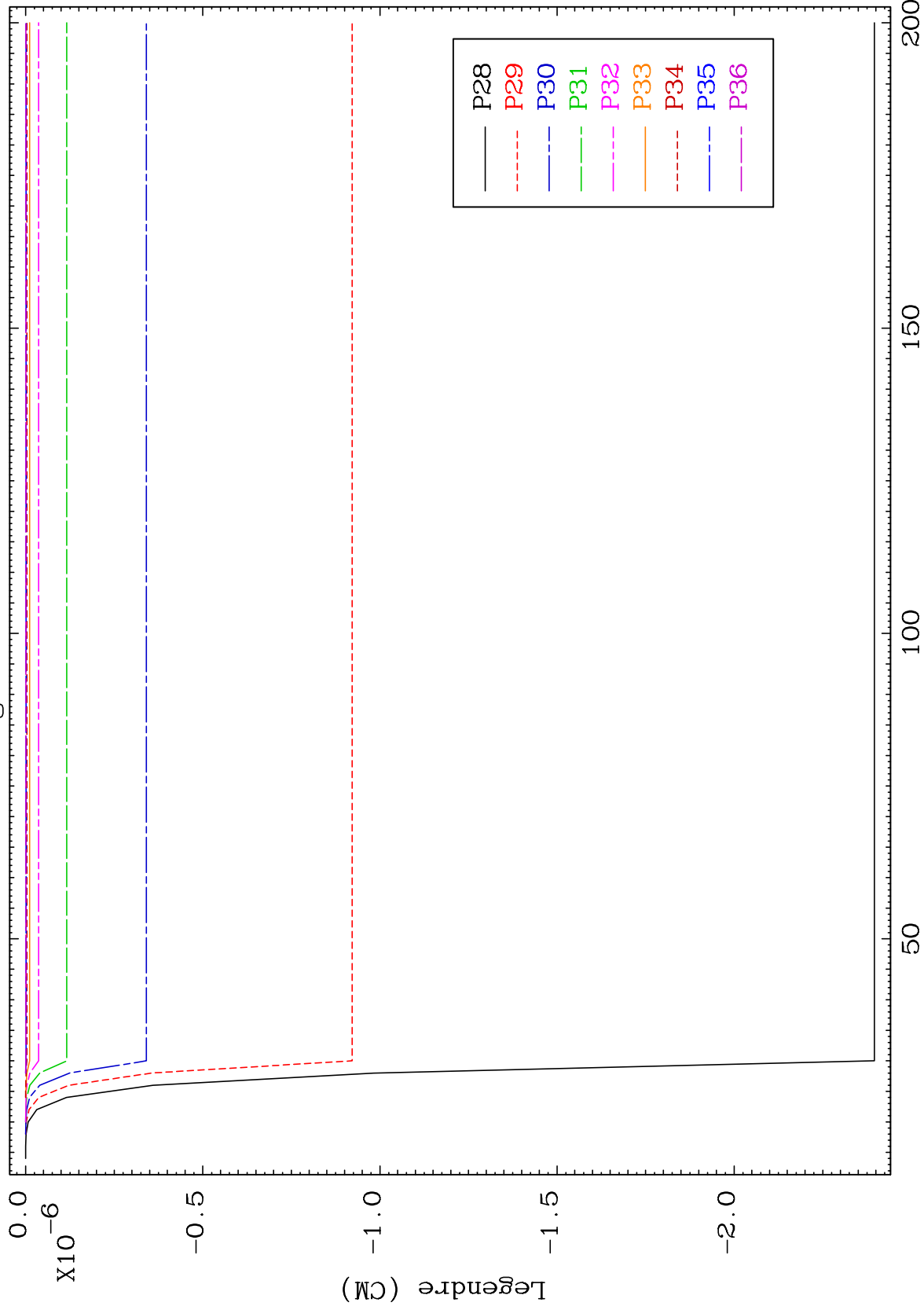
64-Gd-152

MAT 6425

MT= 65 (n,n') Level

64-Gd-152

Legendre Coefficients



64-Gd-152

Incident Energy (MeV)

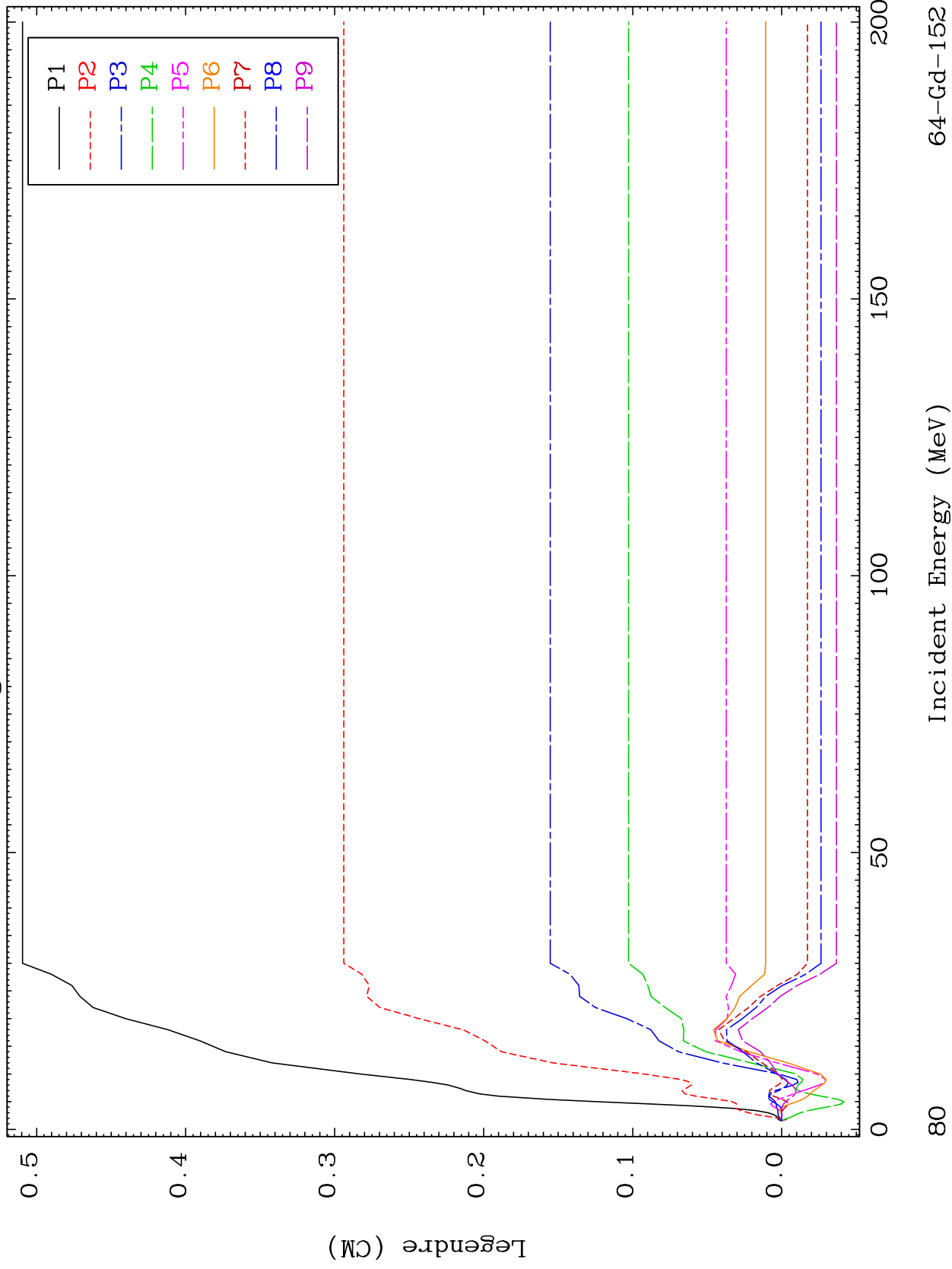
79



MAT 6425

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

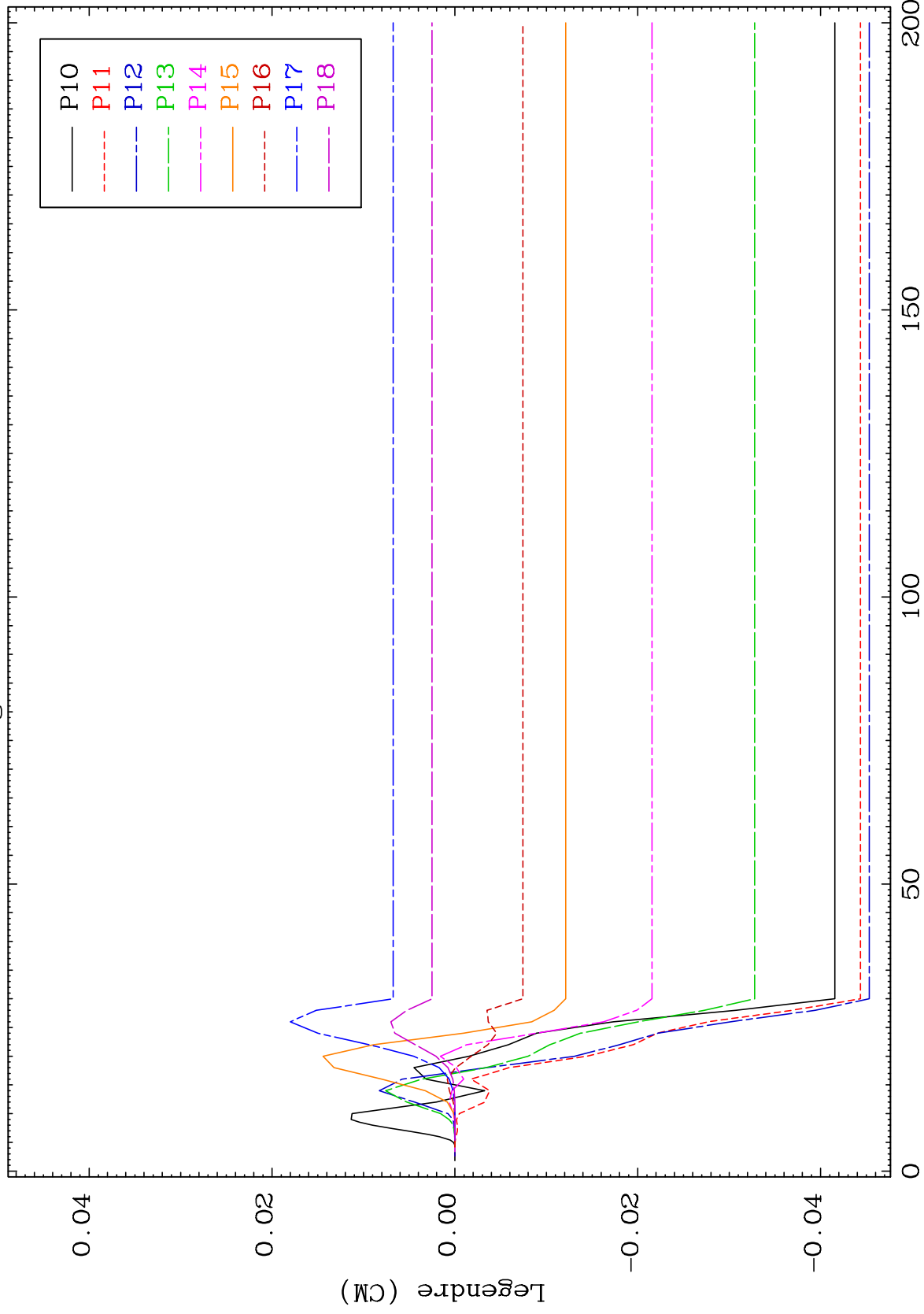
64-Gd-152



MAT 6425

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

64-Gd-152



81

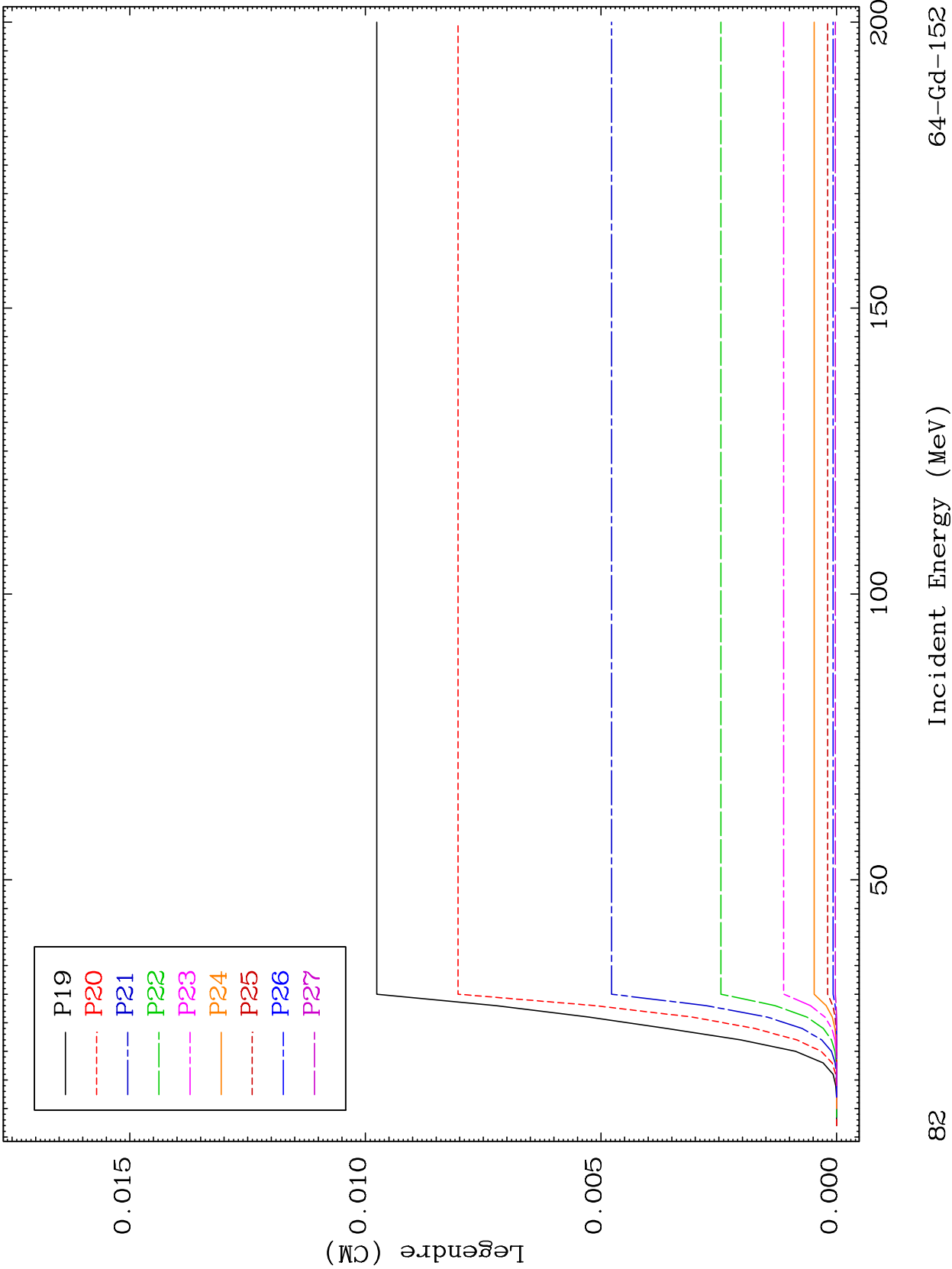
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



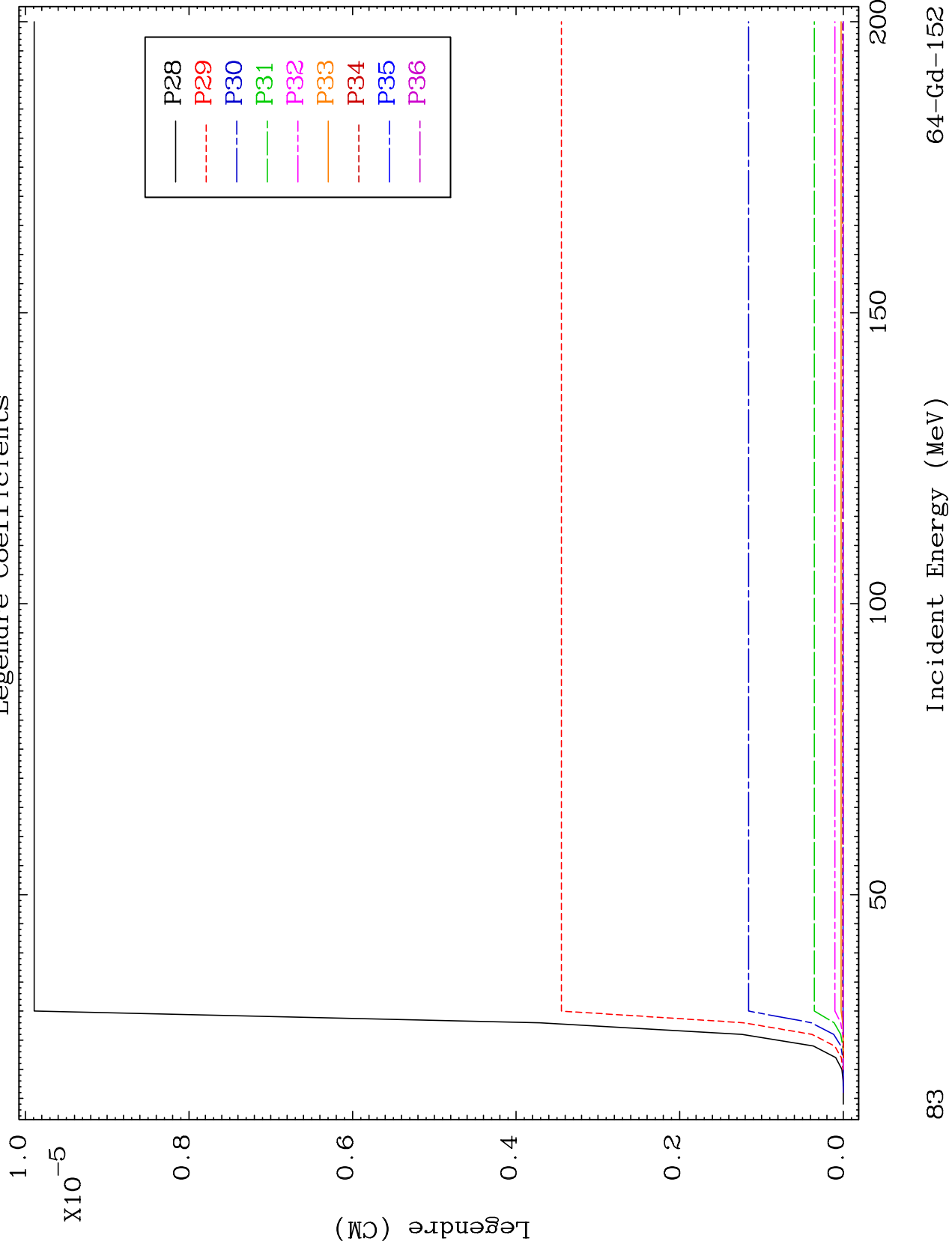
82

64-Gd-152

MAT 6425

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

64-Gd-152



83

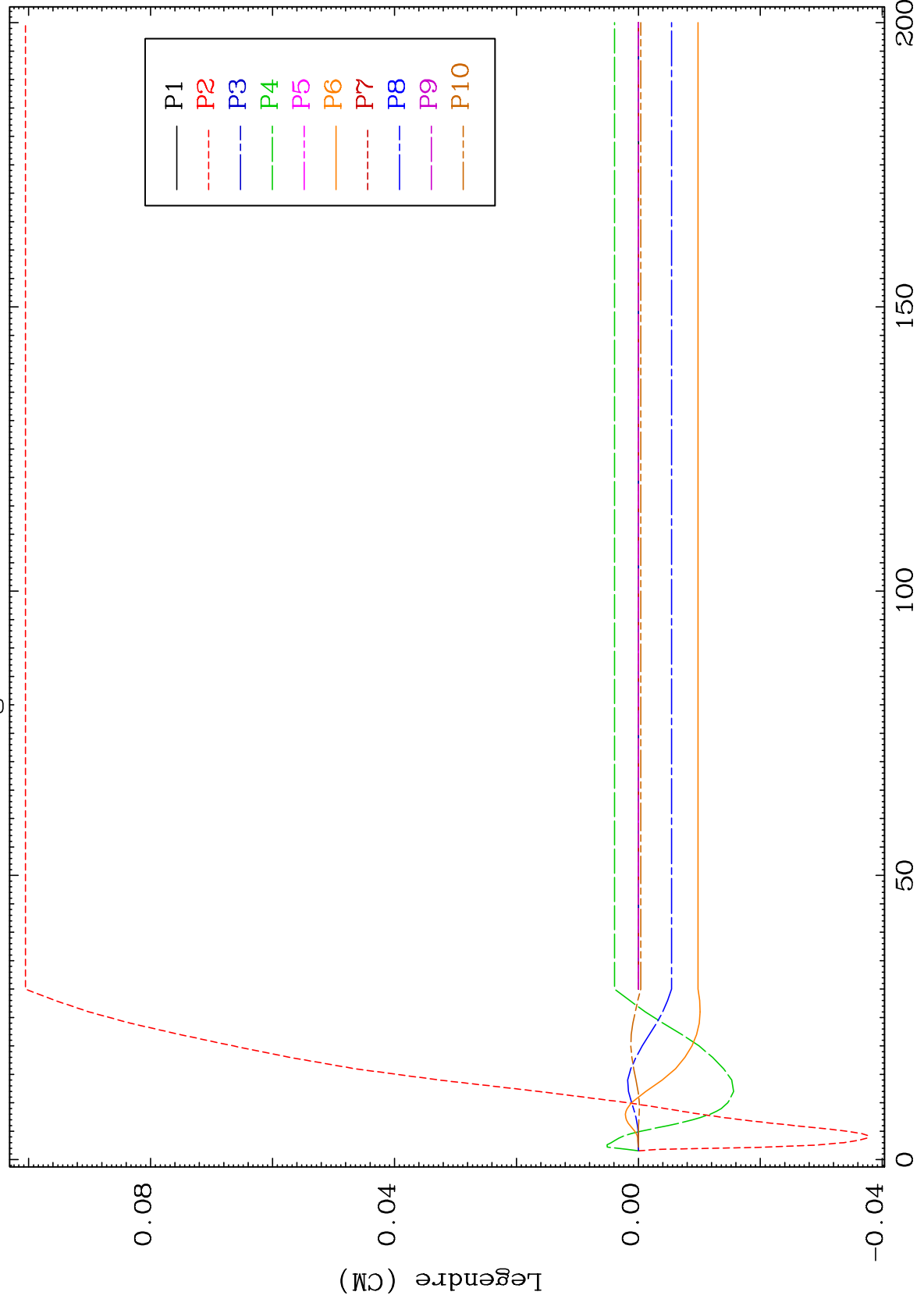
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



84

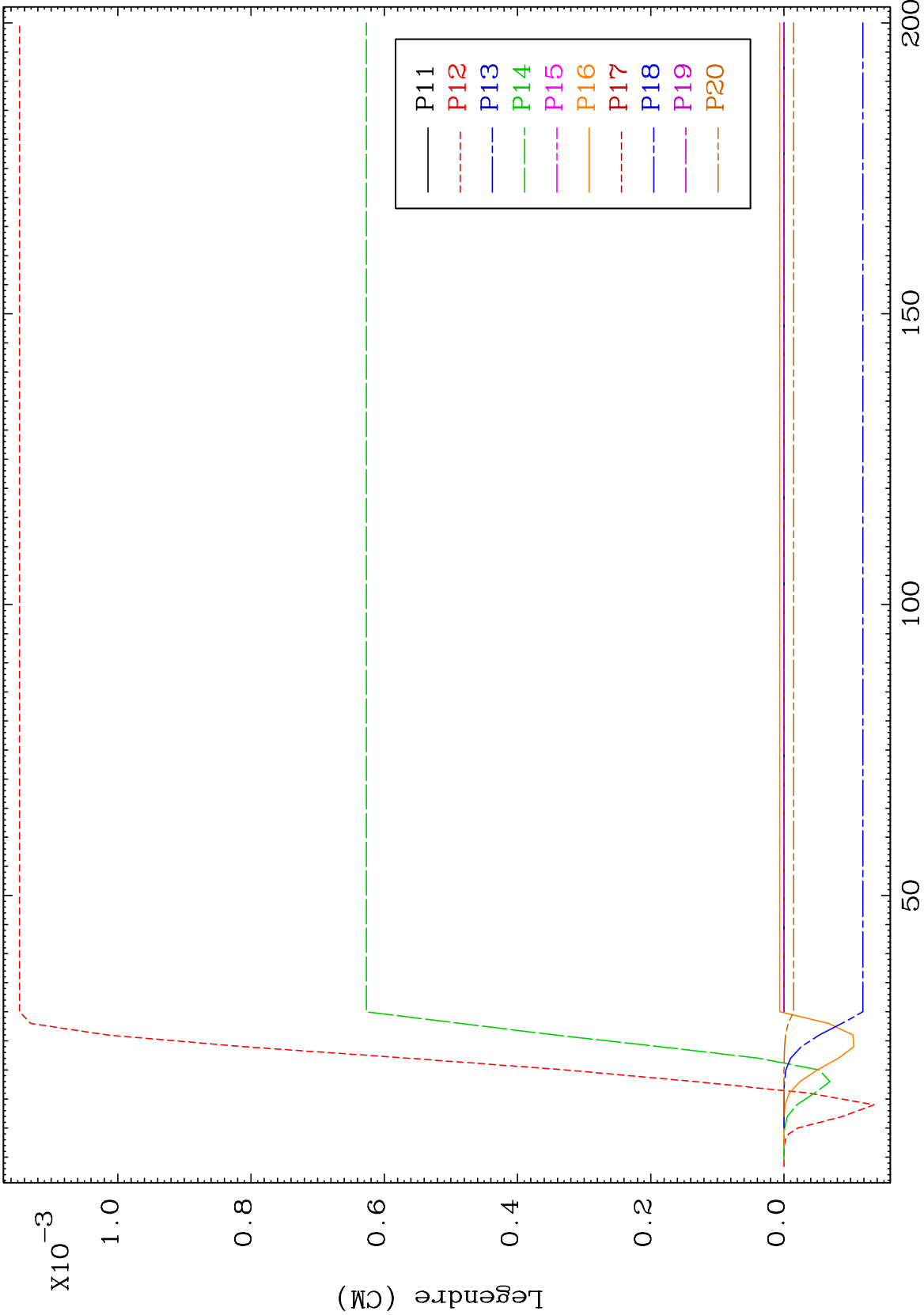
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

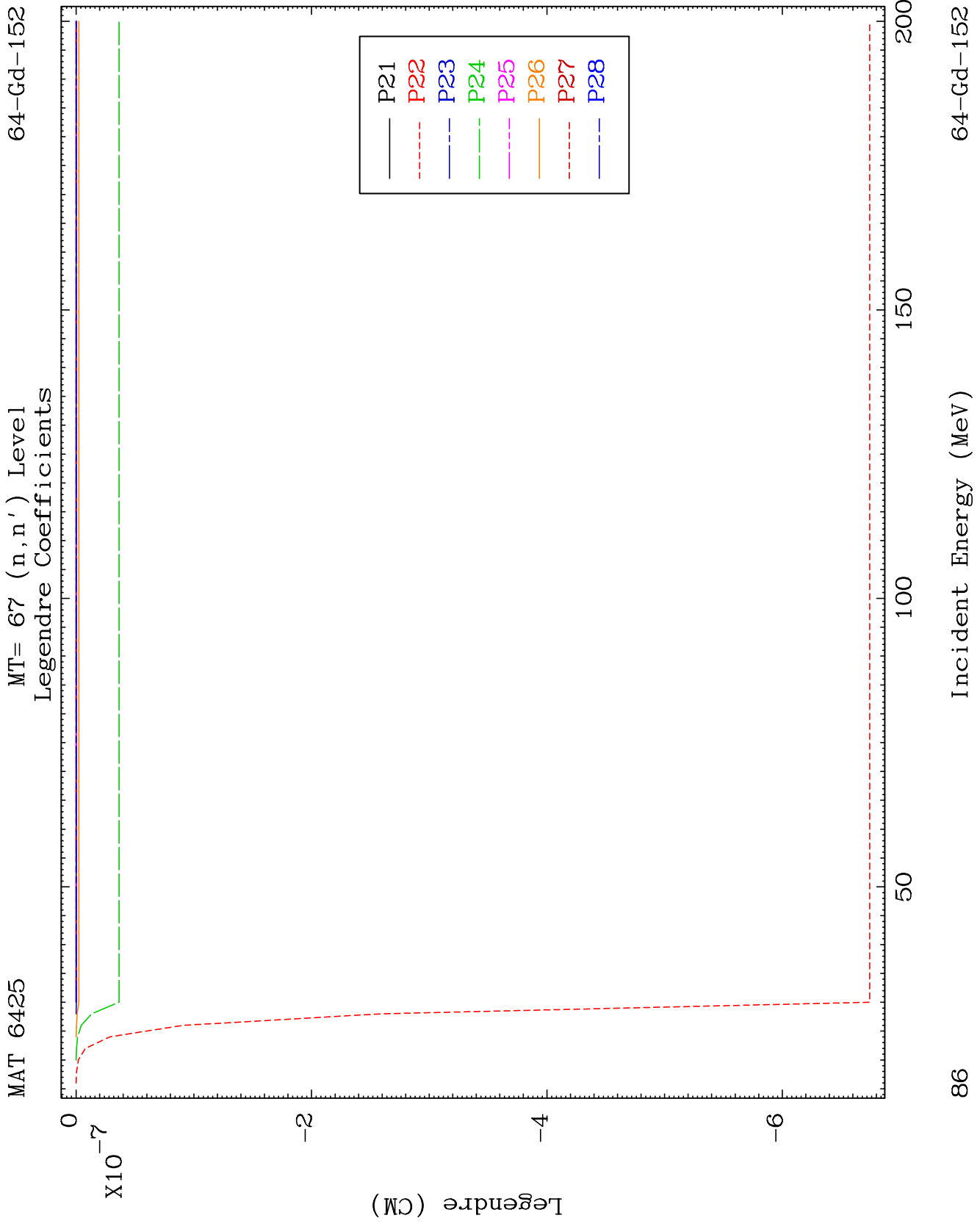
64-Gd-152



85

Incident Energy (MeV)

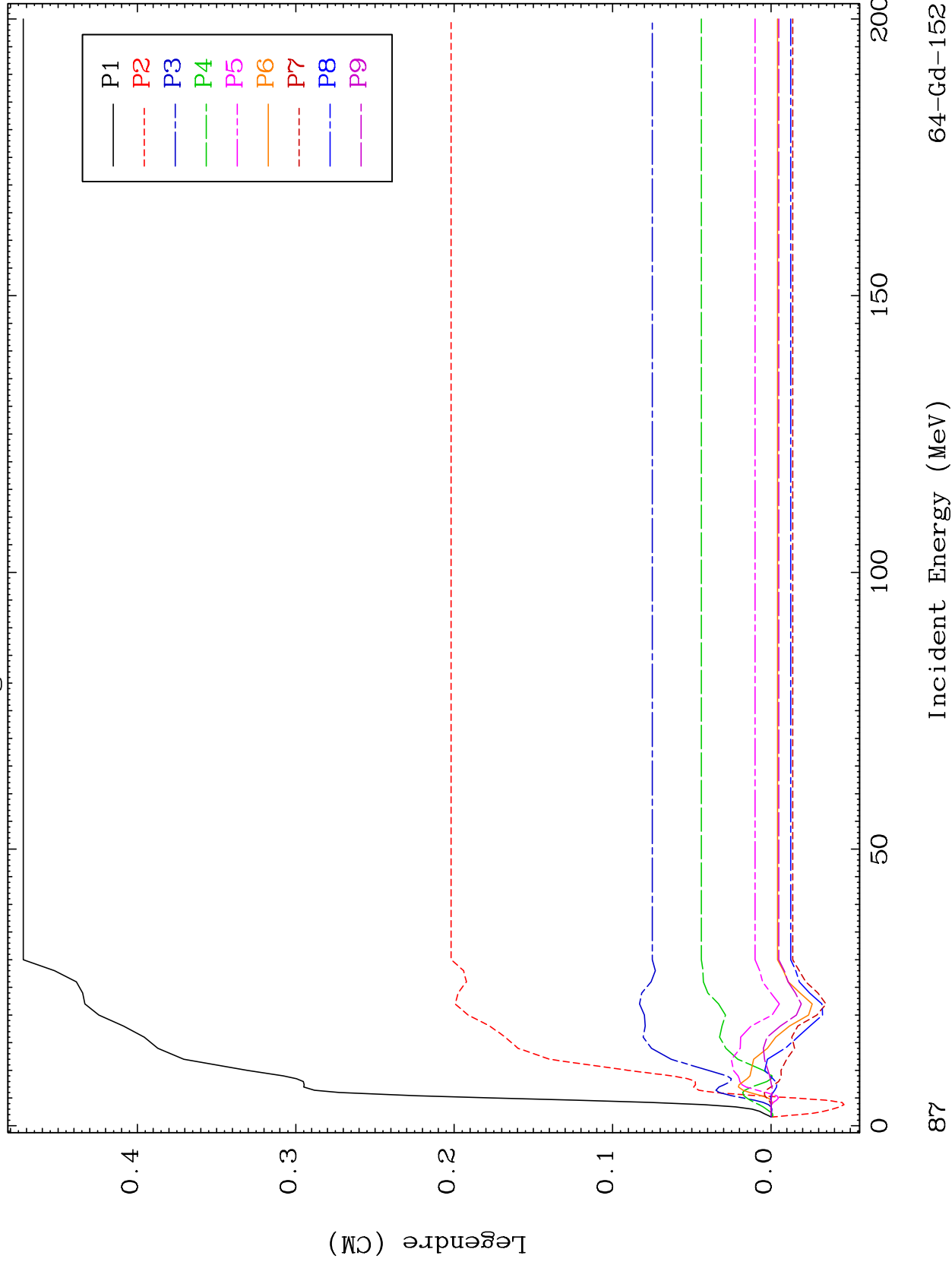
64-Gd-152



MAT 6425

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

64-Gd-152

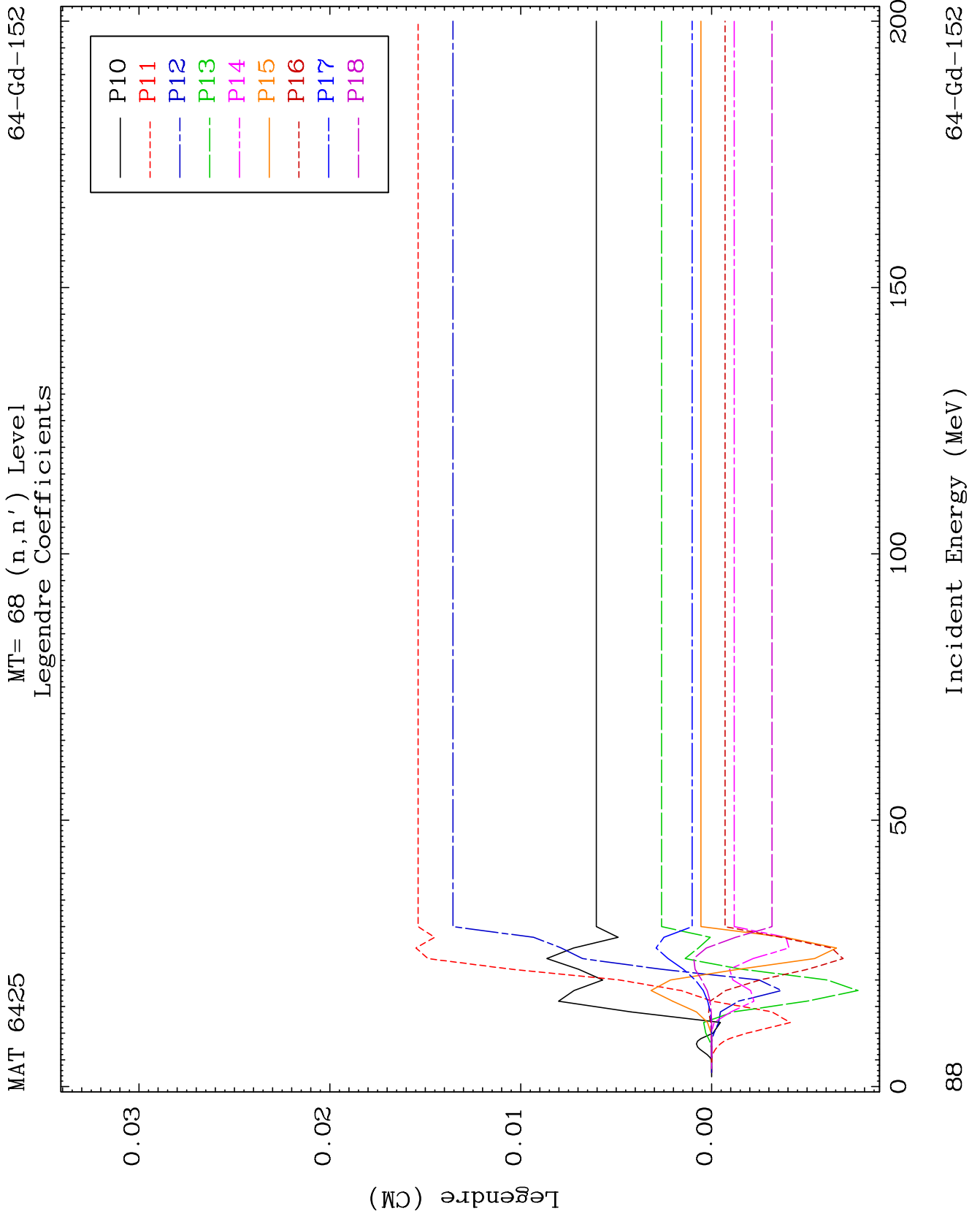


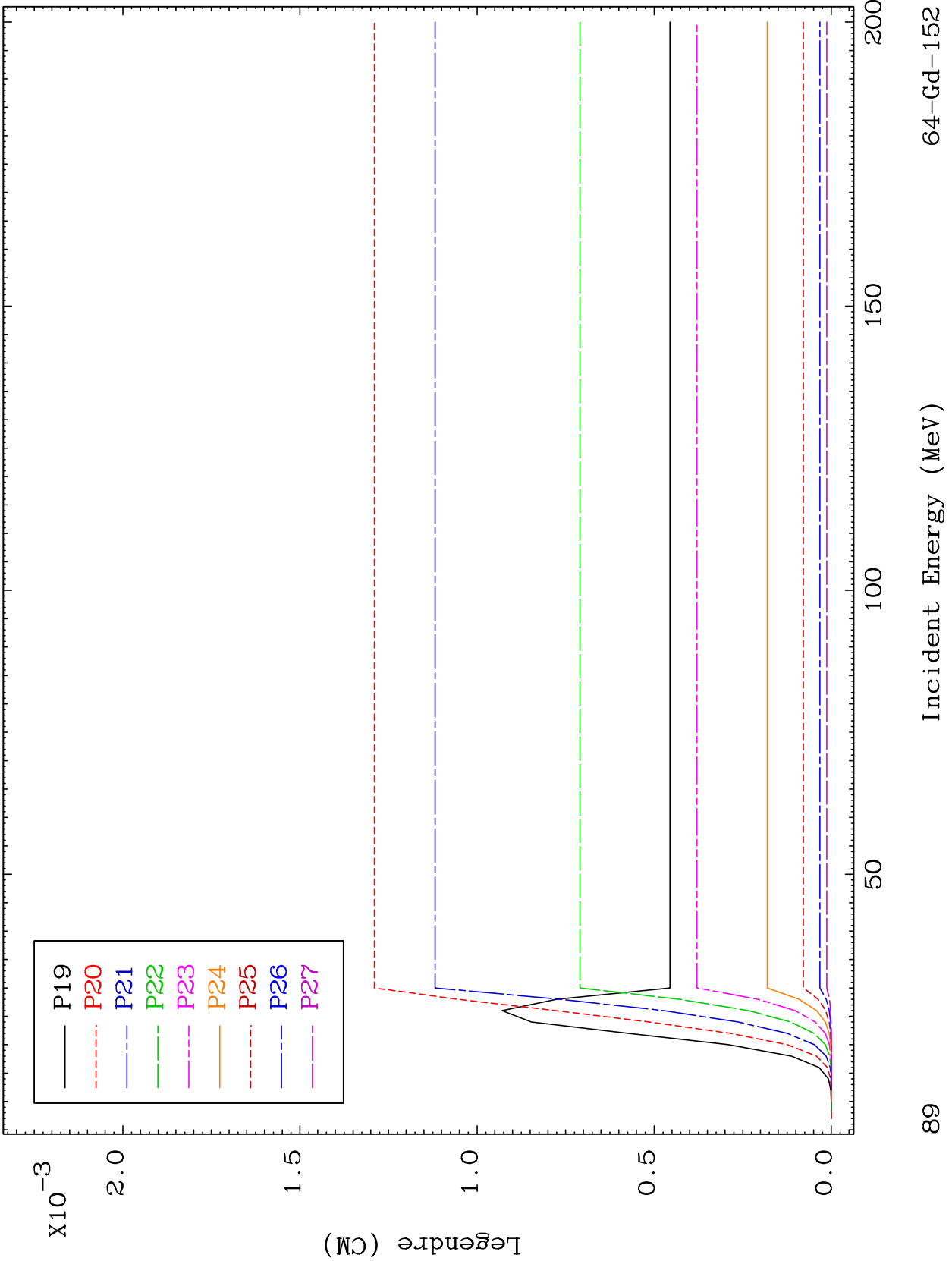
64-Gd-152

Incident Energy (MeV)

87



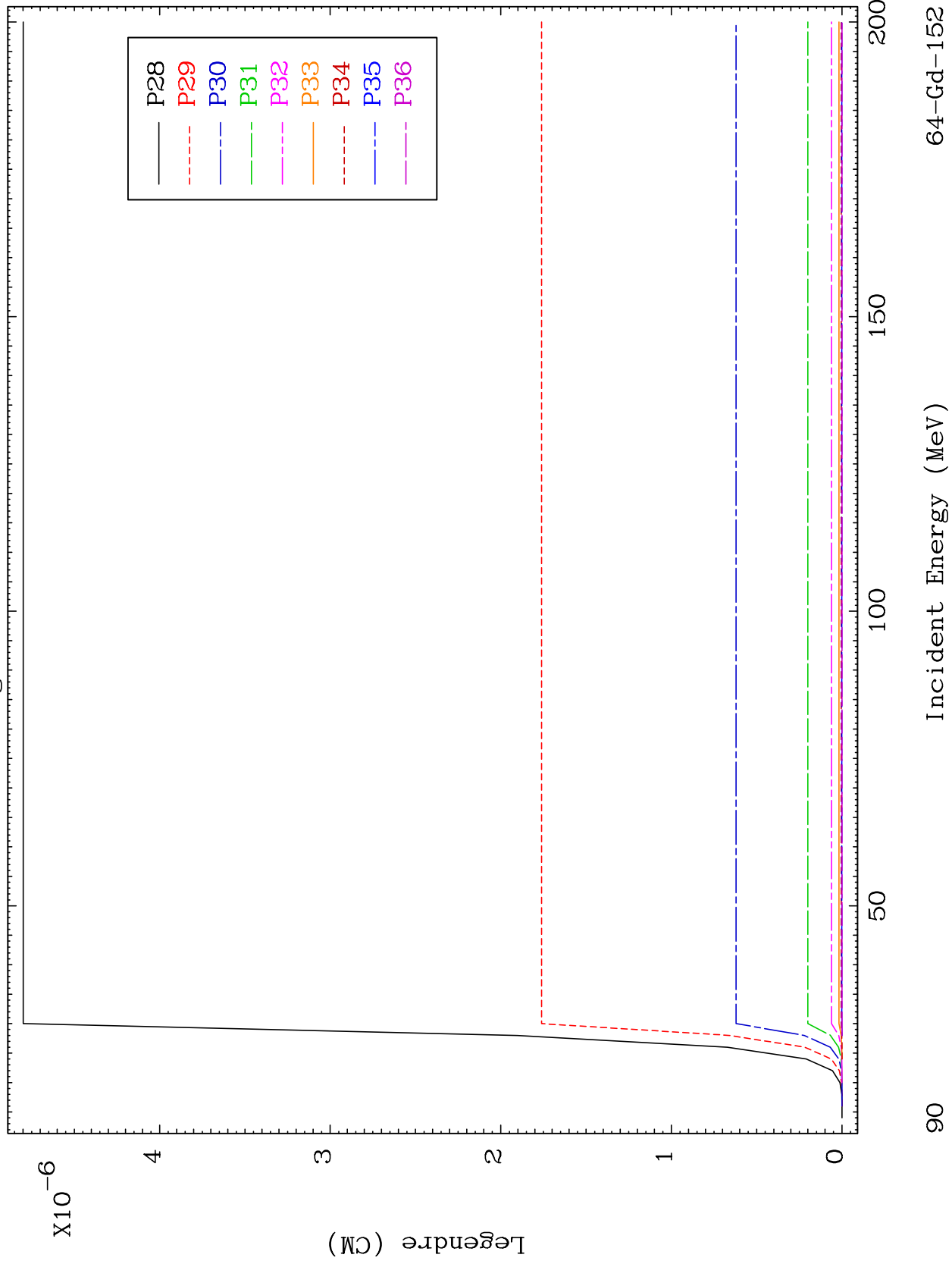




MAT 6425

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

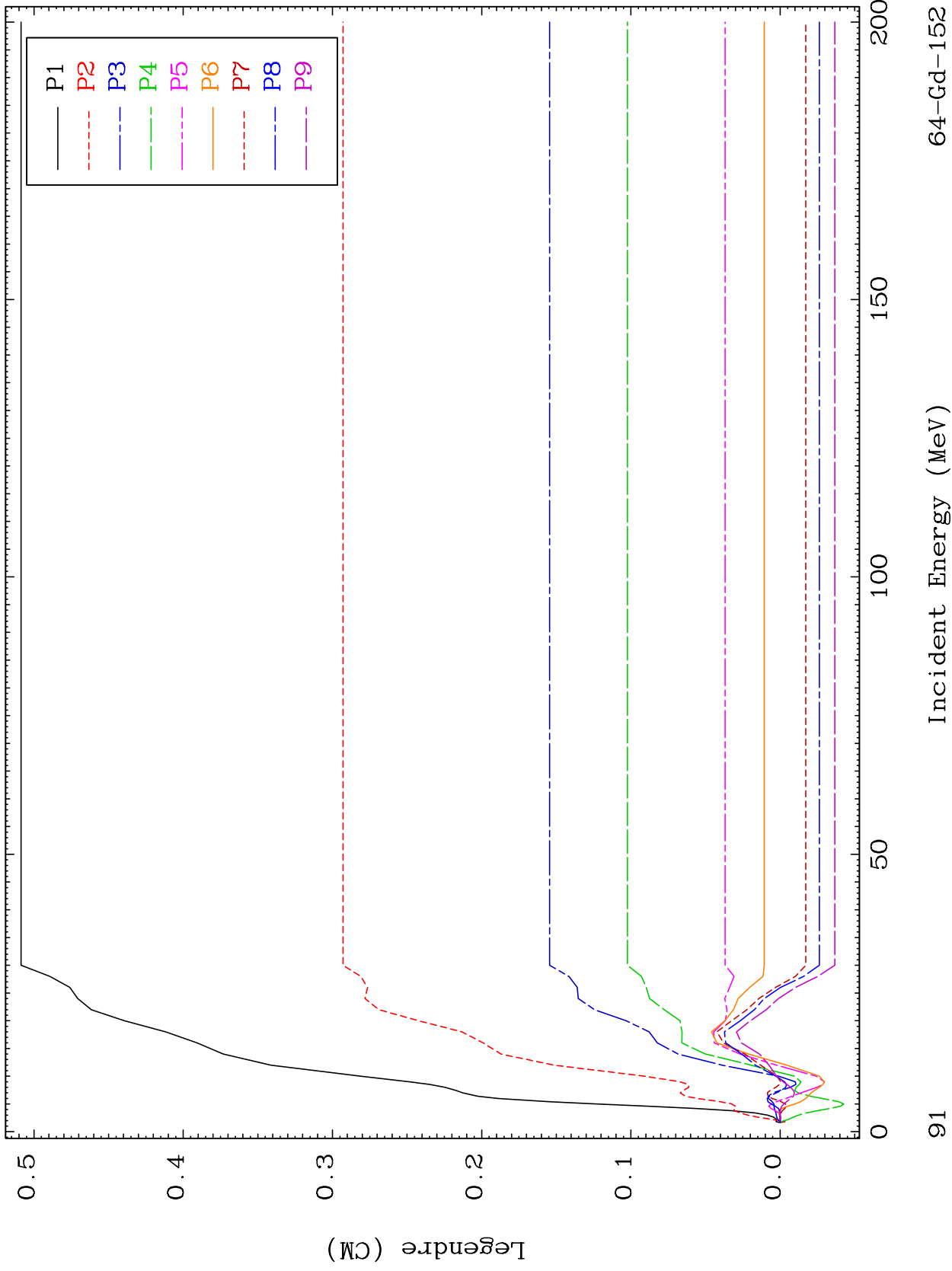
64-Gd-152



MAT 6425

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

64-Gd-152



91

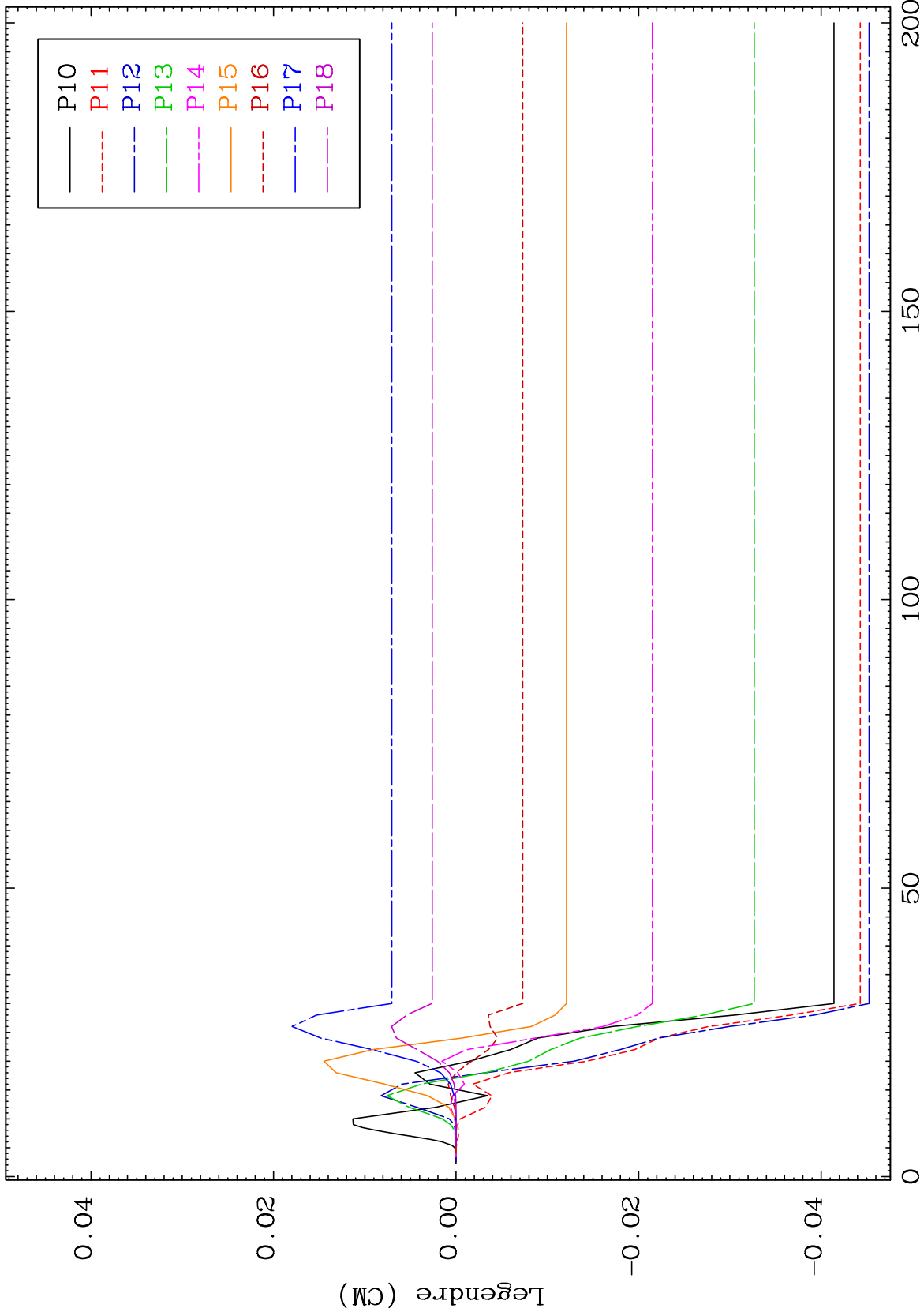
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



92

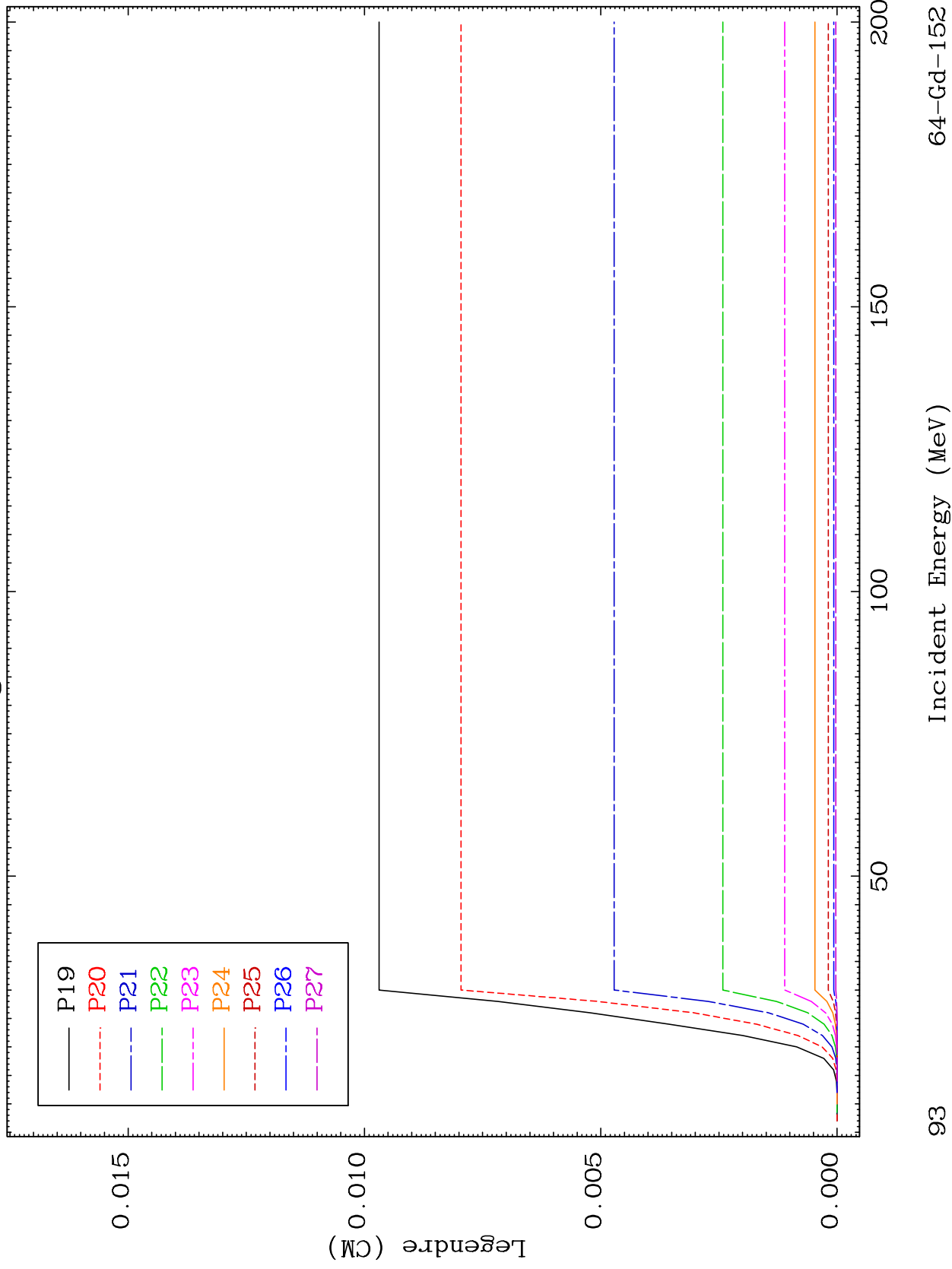
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



93

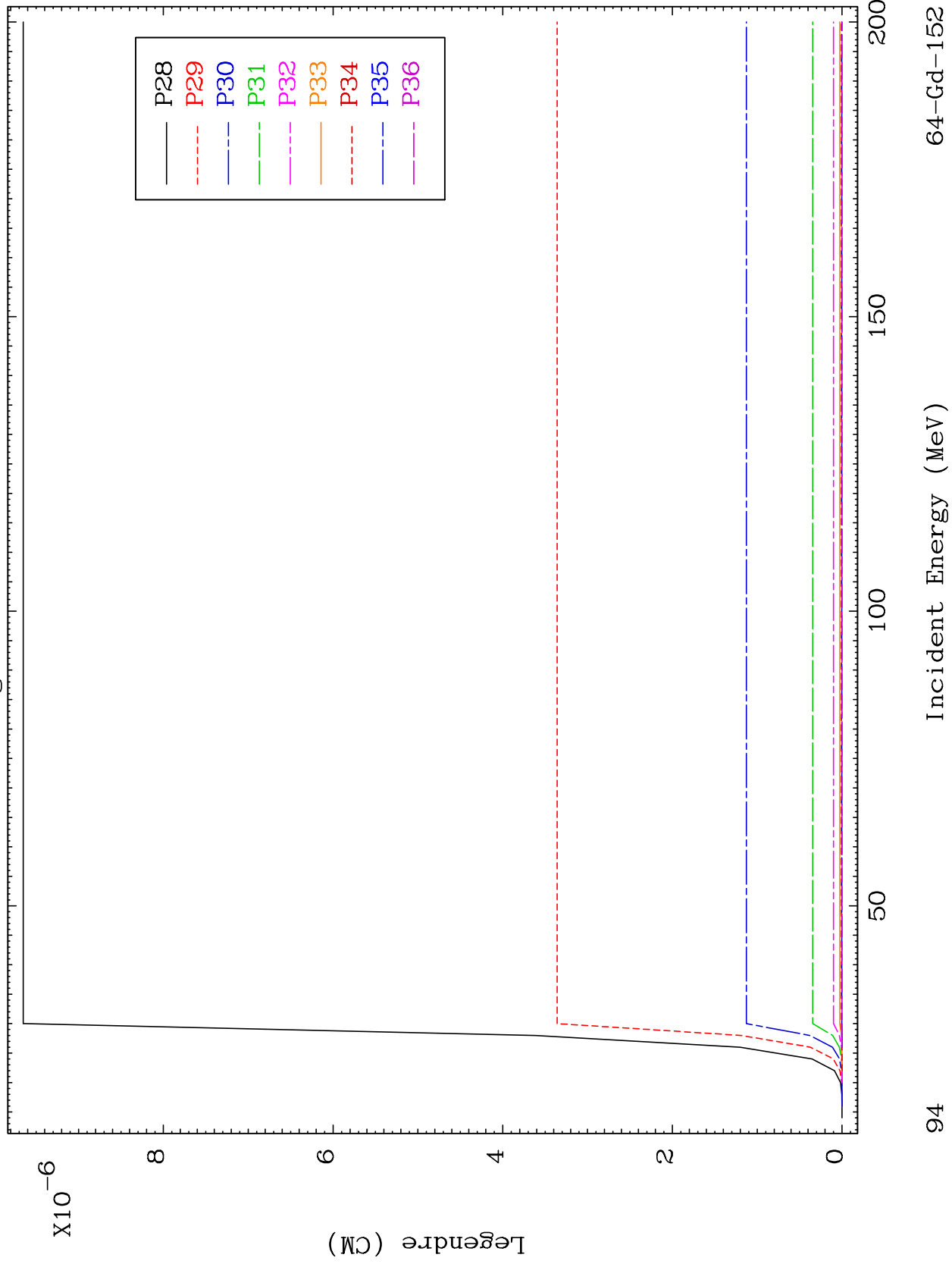
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



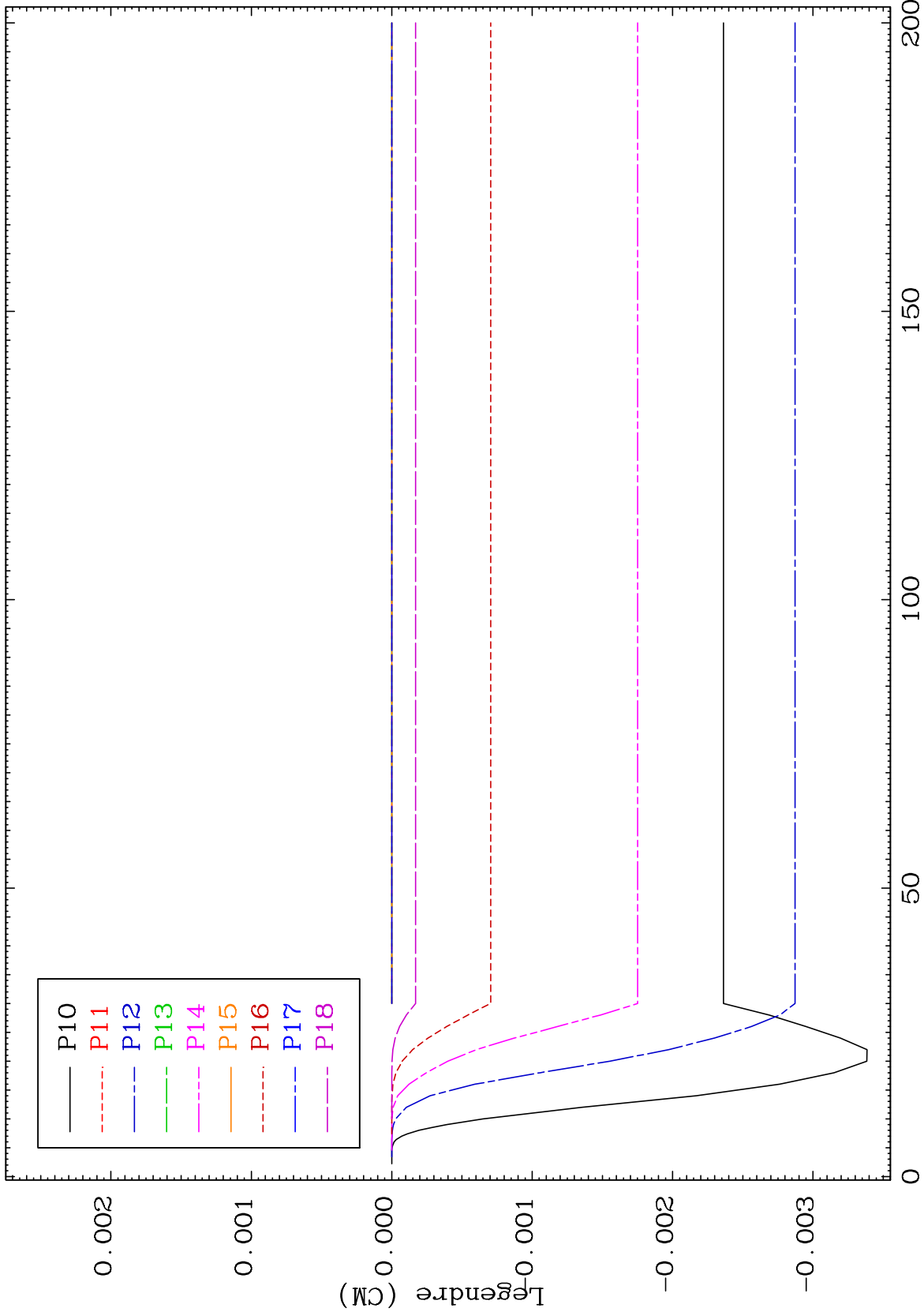




MAT 6425

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

64-Gd-152



96

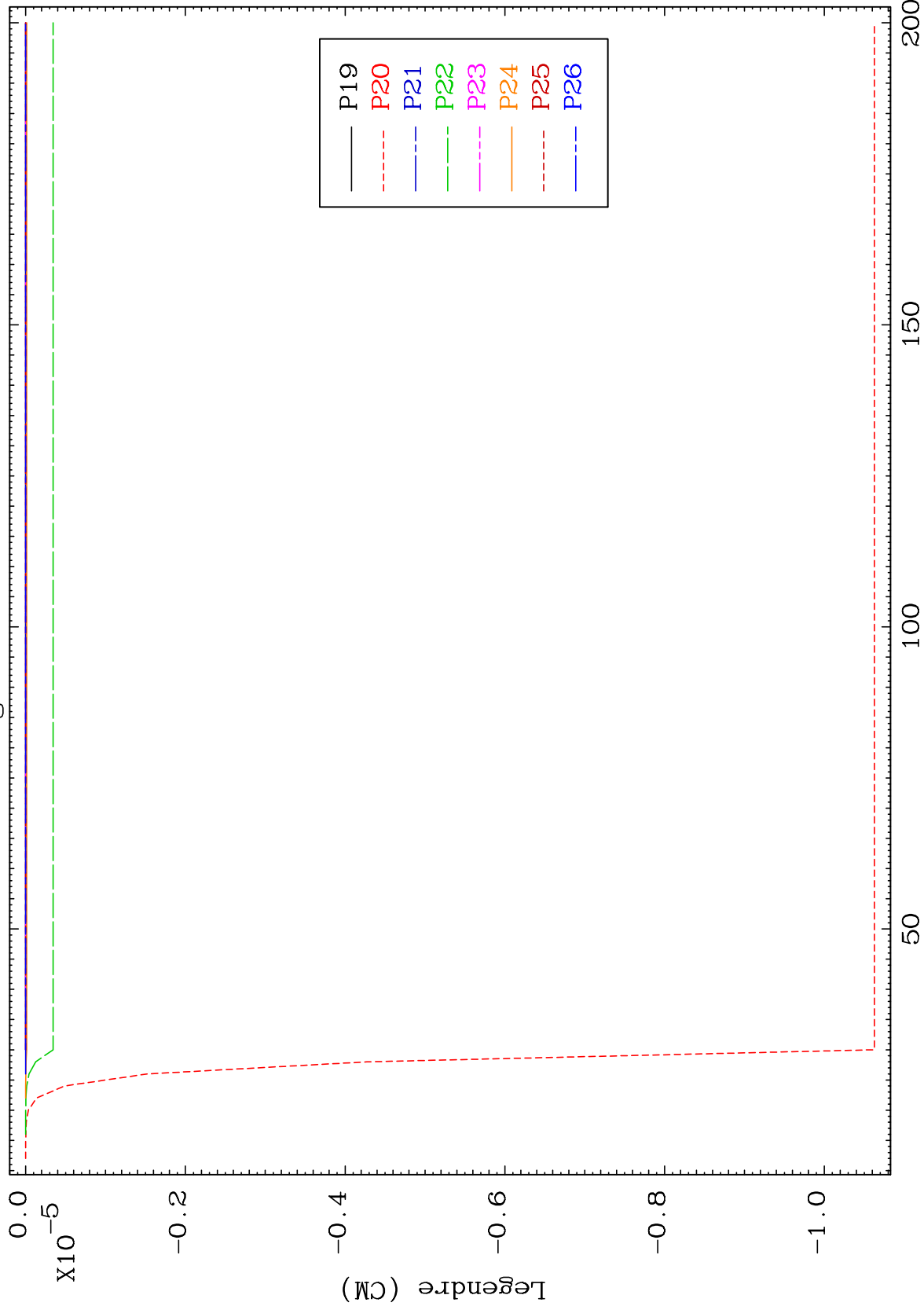
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

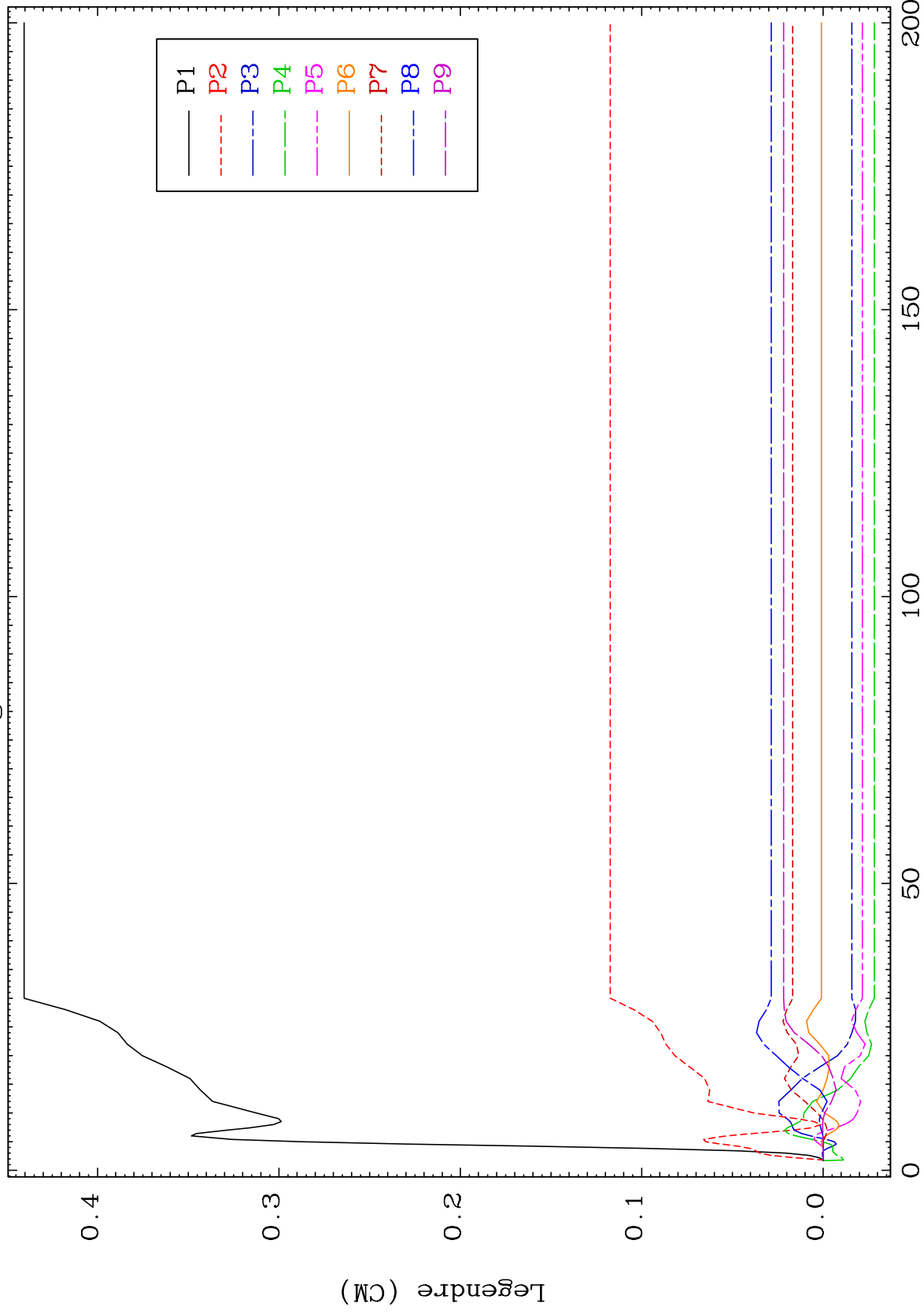
Incident Energy (MeV)

97

MAT 6425

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

64-Gd-152



98

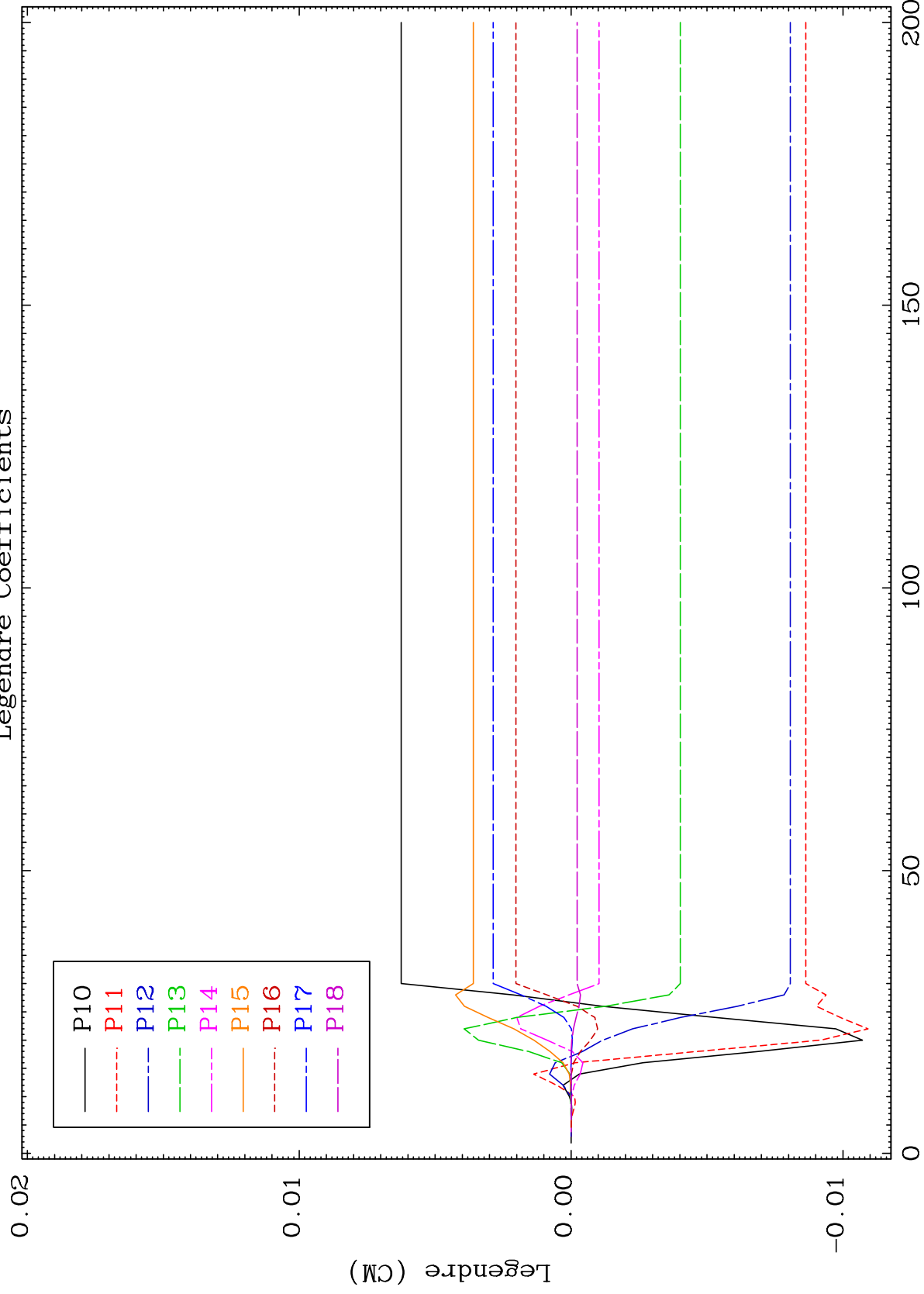
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



99

Incident Energy (MeV)

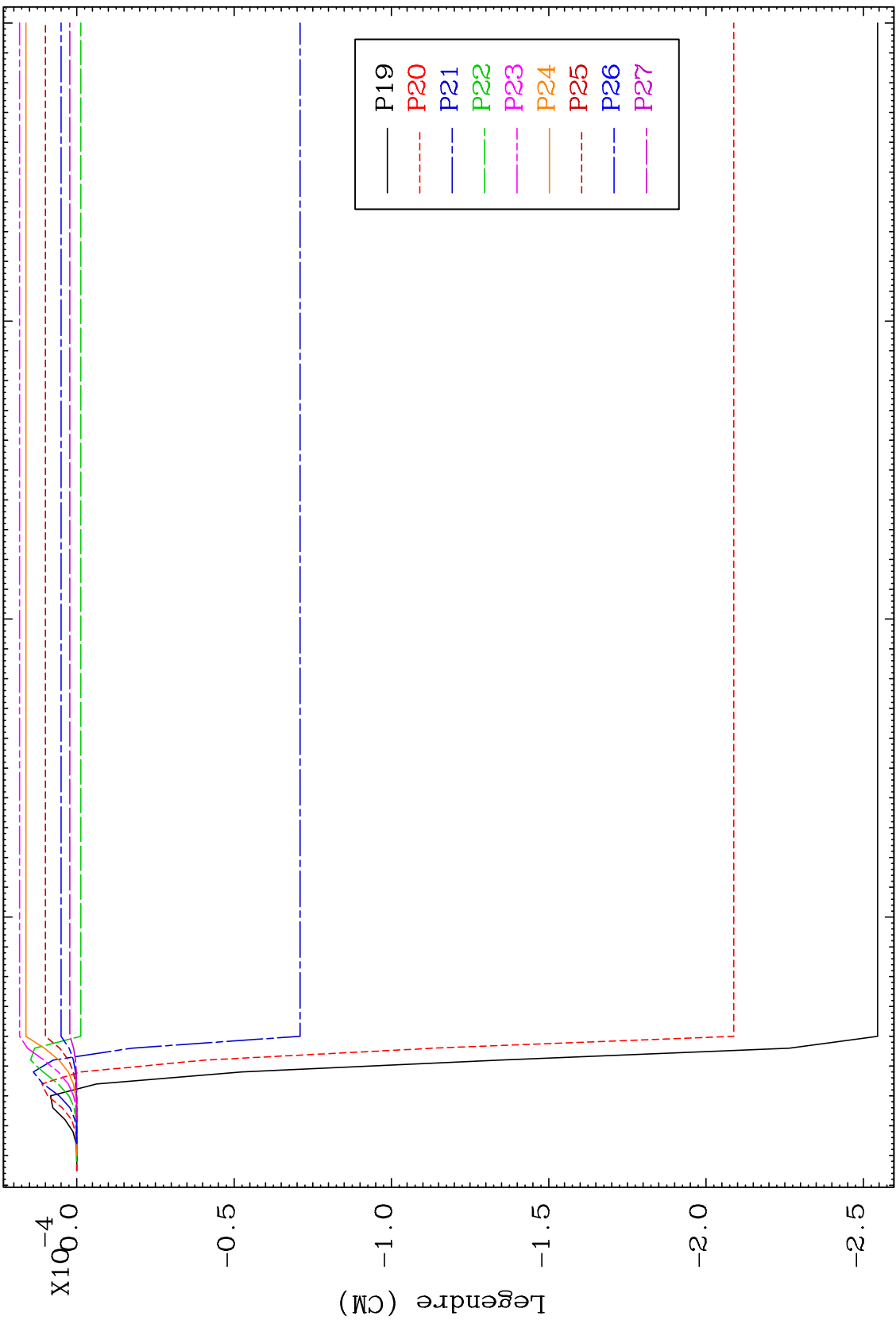
64-Gd-152

MAT 6425

MT= 71 (n,n') Level

64-Gd-152

Legendre Coefficients



64-Gd-152

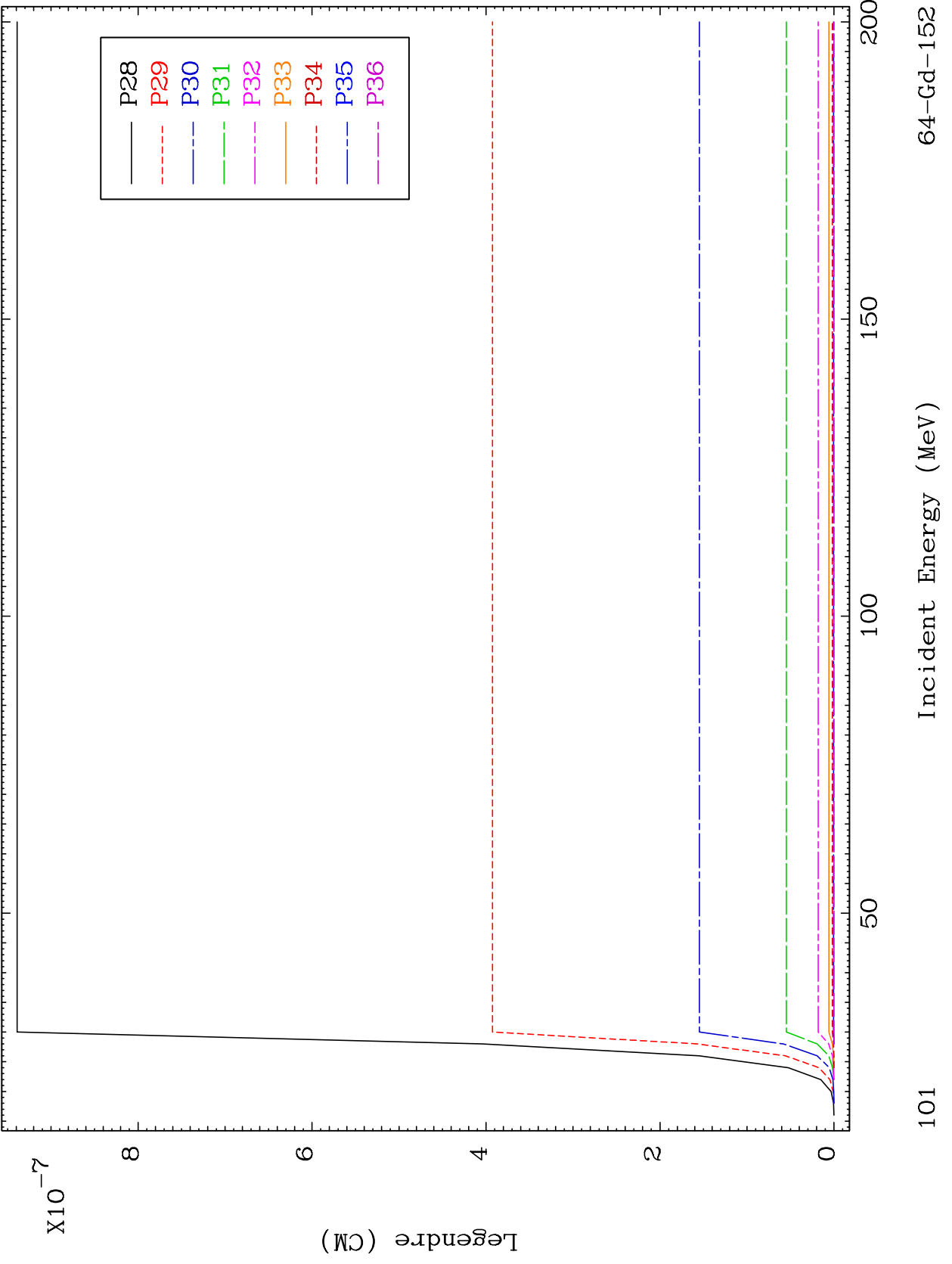
Incident Energy (MeV)

100

MAT 6425

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

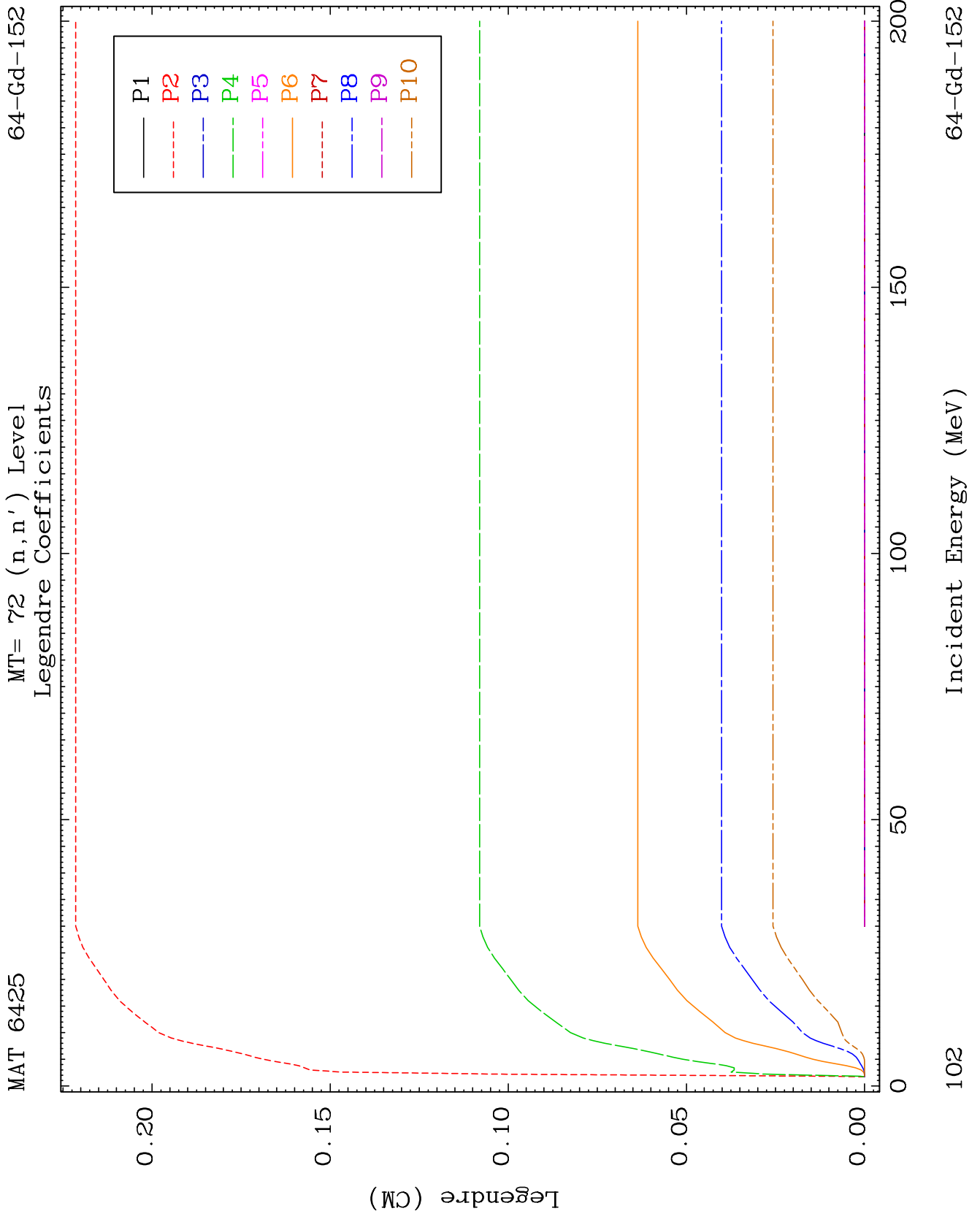
64-Gd-152



101

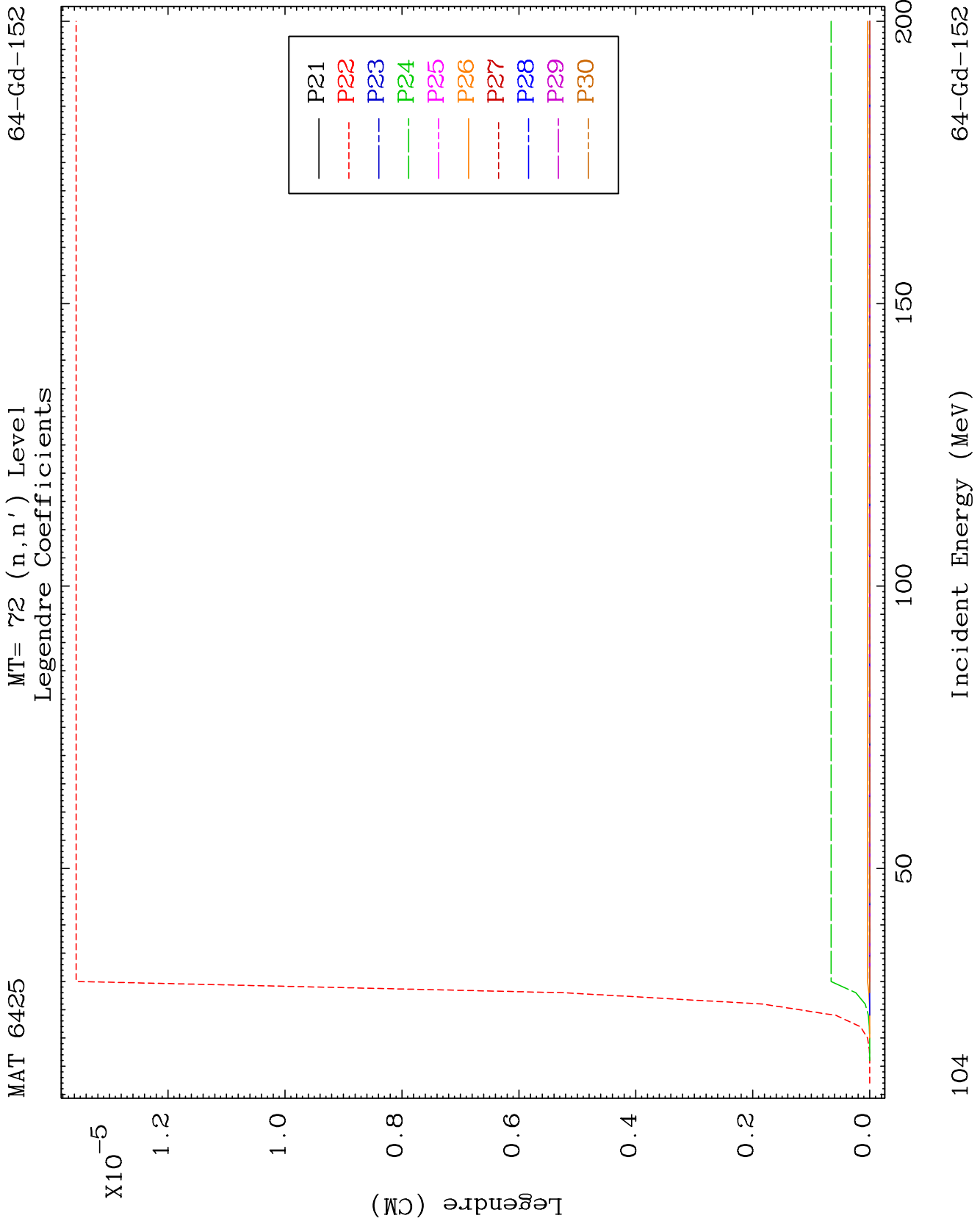
Incident Energy (MeV)

64-Gd-152





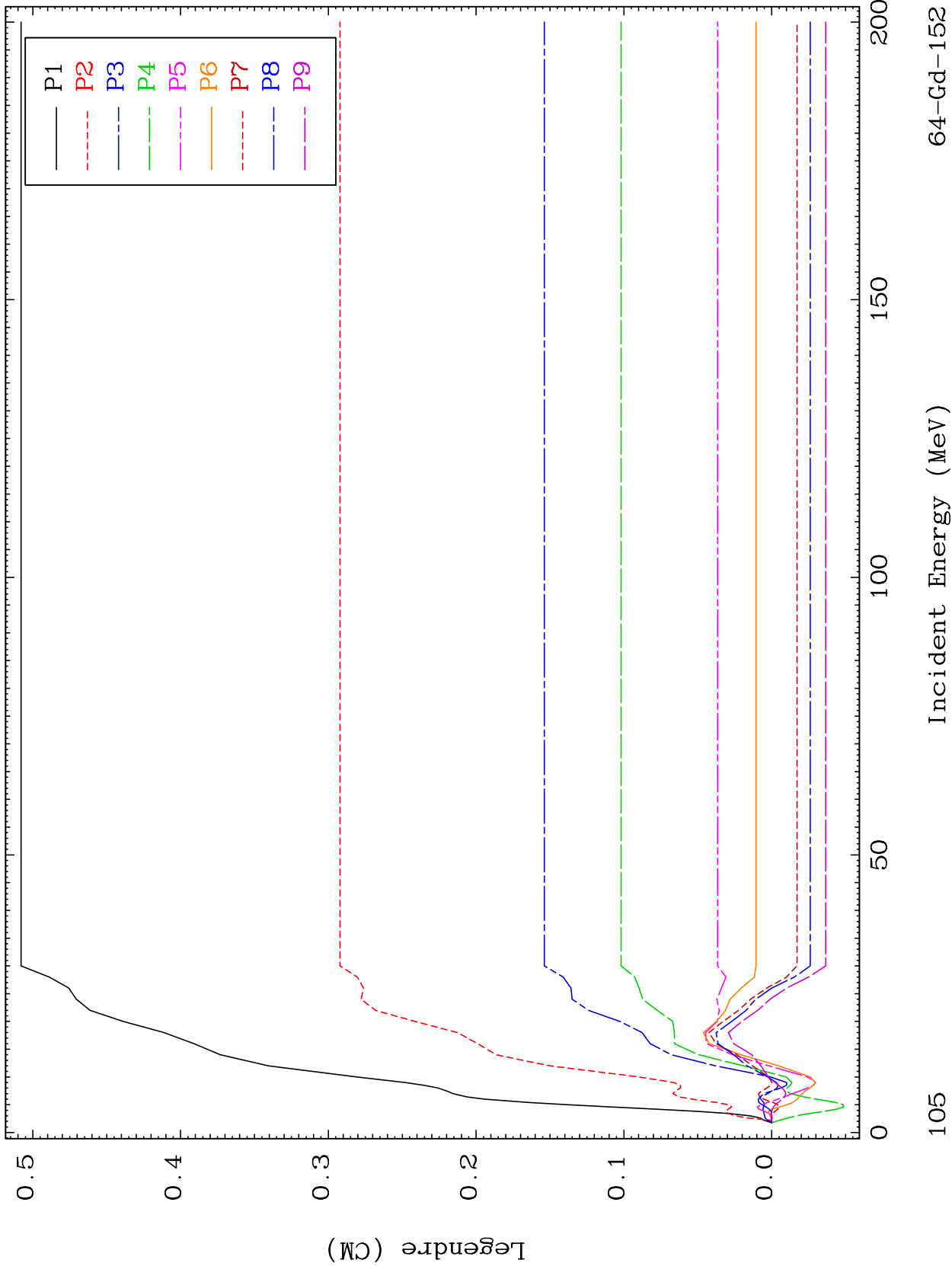




MAT 6425

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

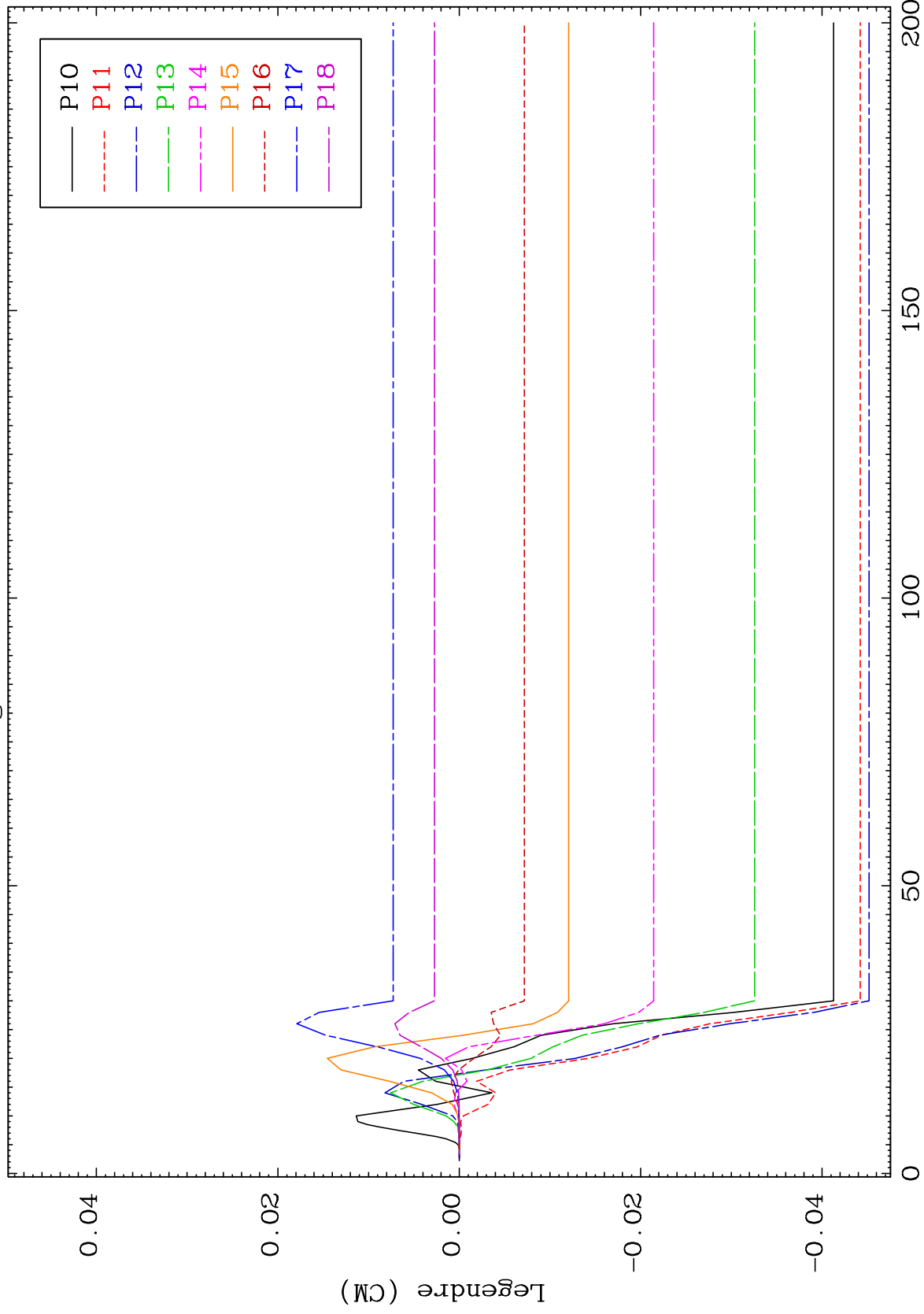
64-Gd-152



MAT 6425

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

64-Gd-152



106

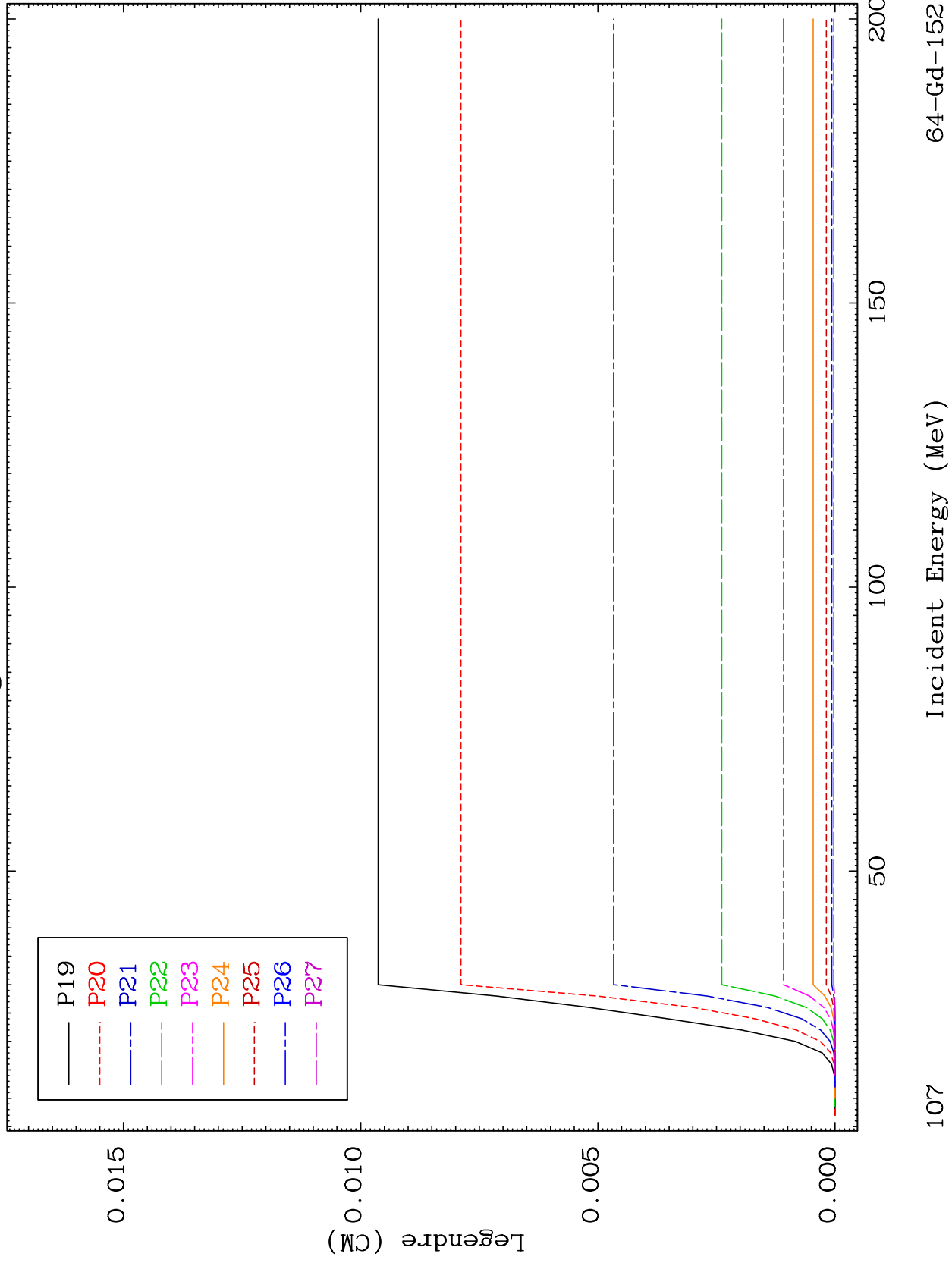
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

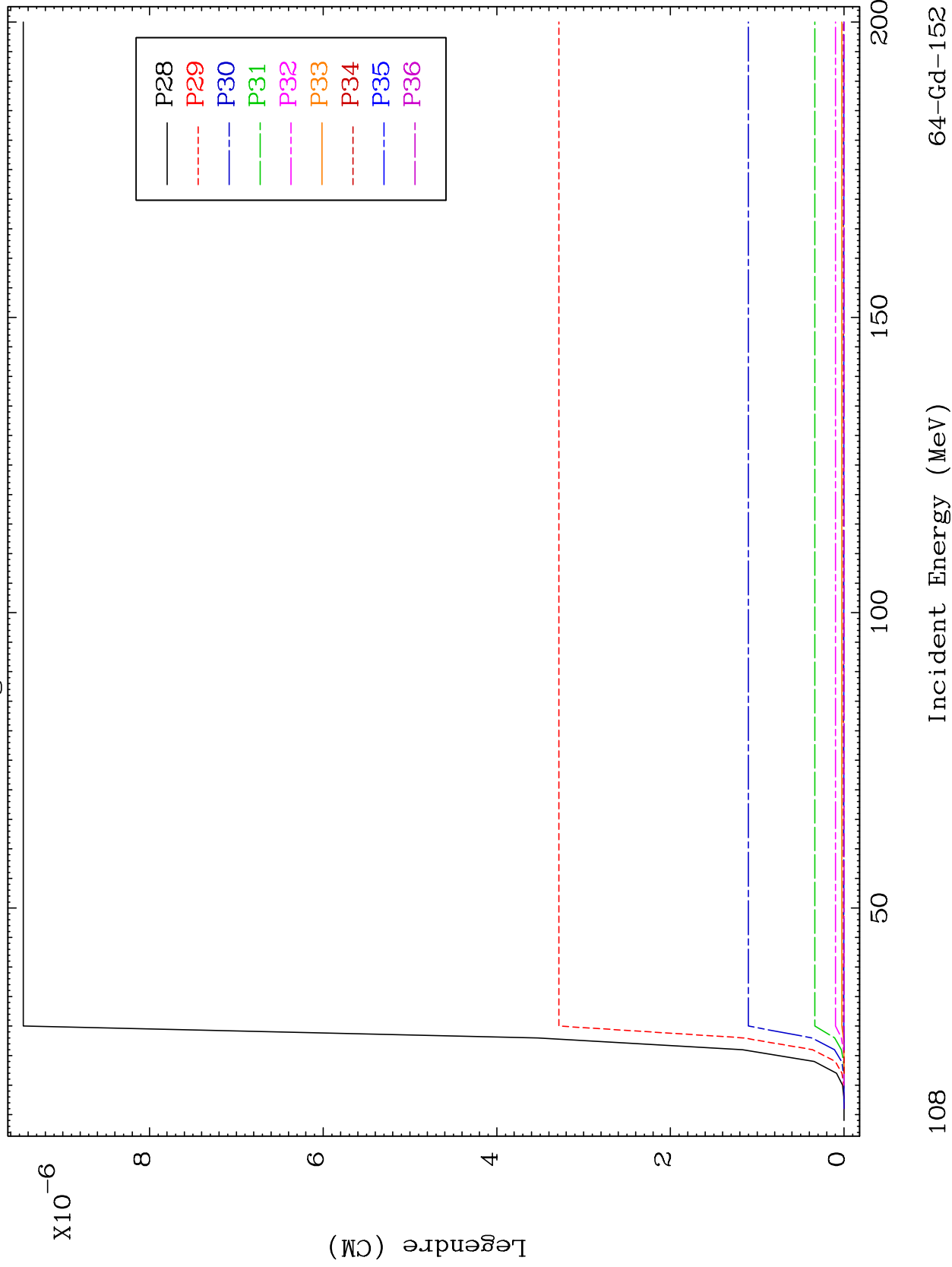
64-Gd-152



MAT 6425

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

64-Gd-152



108

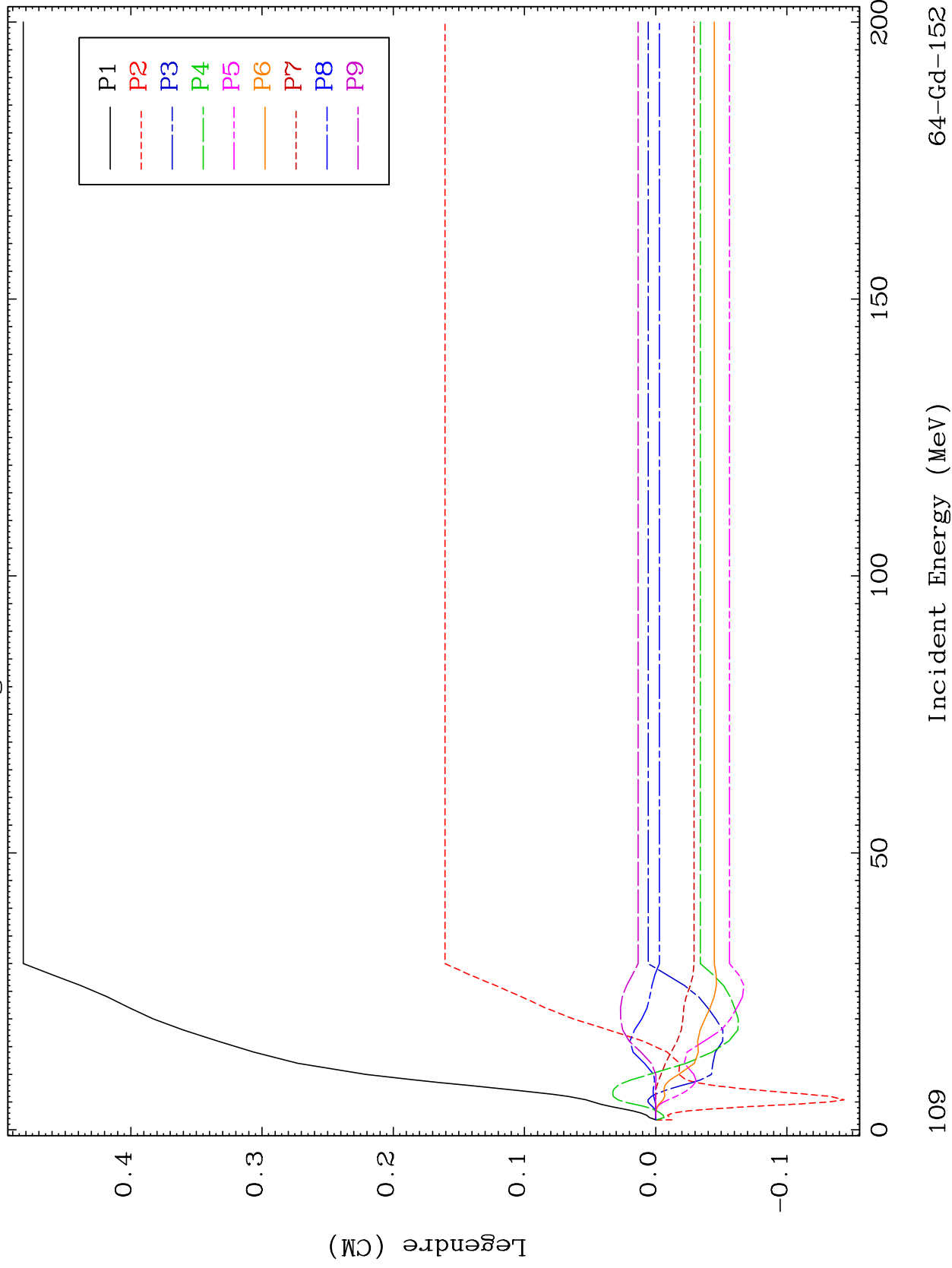
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

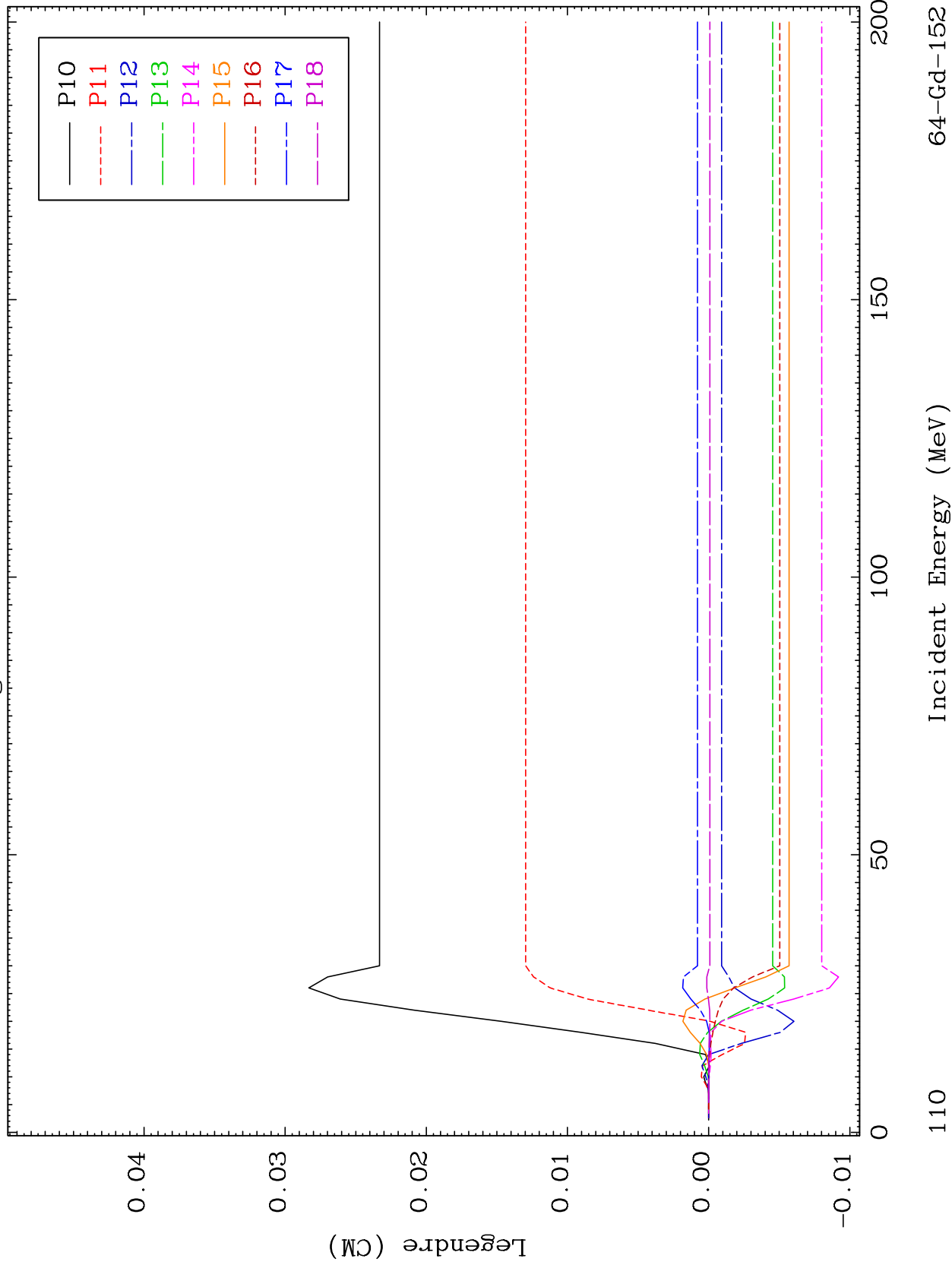
Incident Energy (MeV)

109

MAT 6425

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

64-Gd-152



64-Gd-152

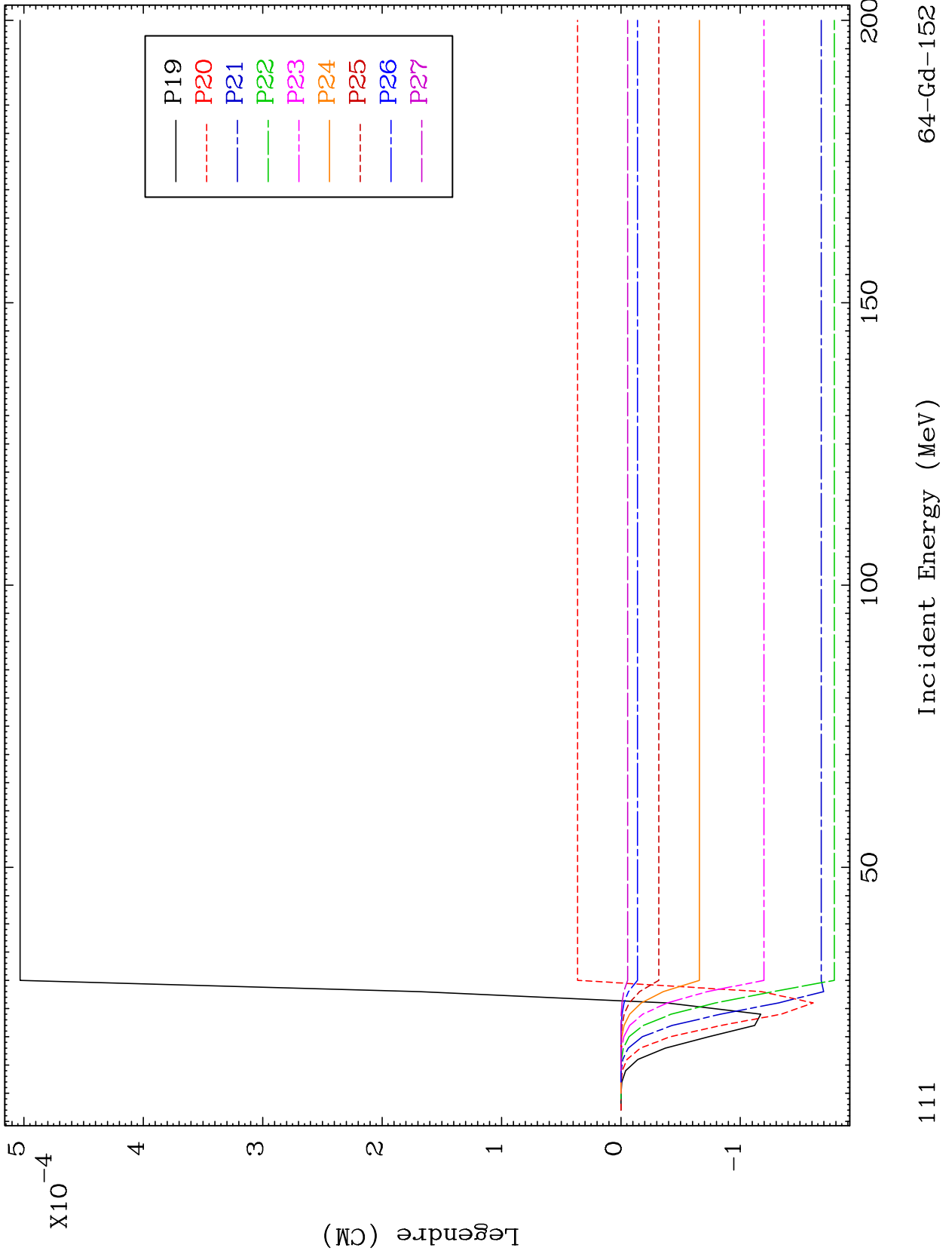
Incident Energy (MeV)

110

MAT 6425

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

64-Gd-152



111

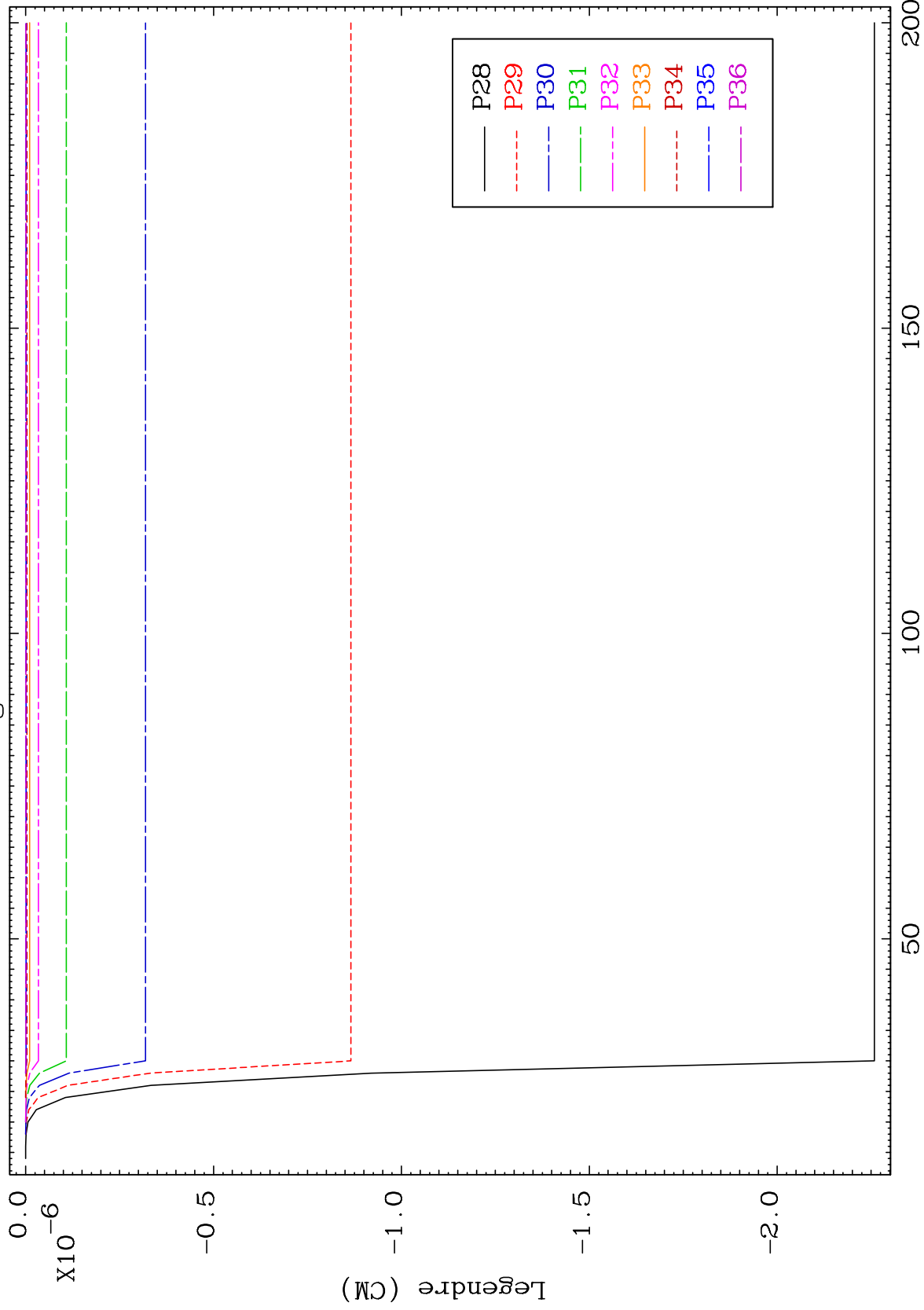
64-Gd-152



MAT 6425

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

64-Gd-152



112

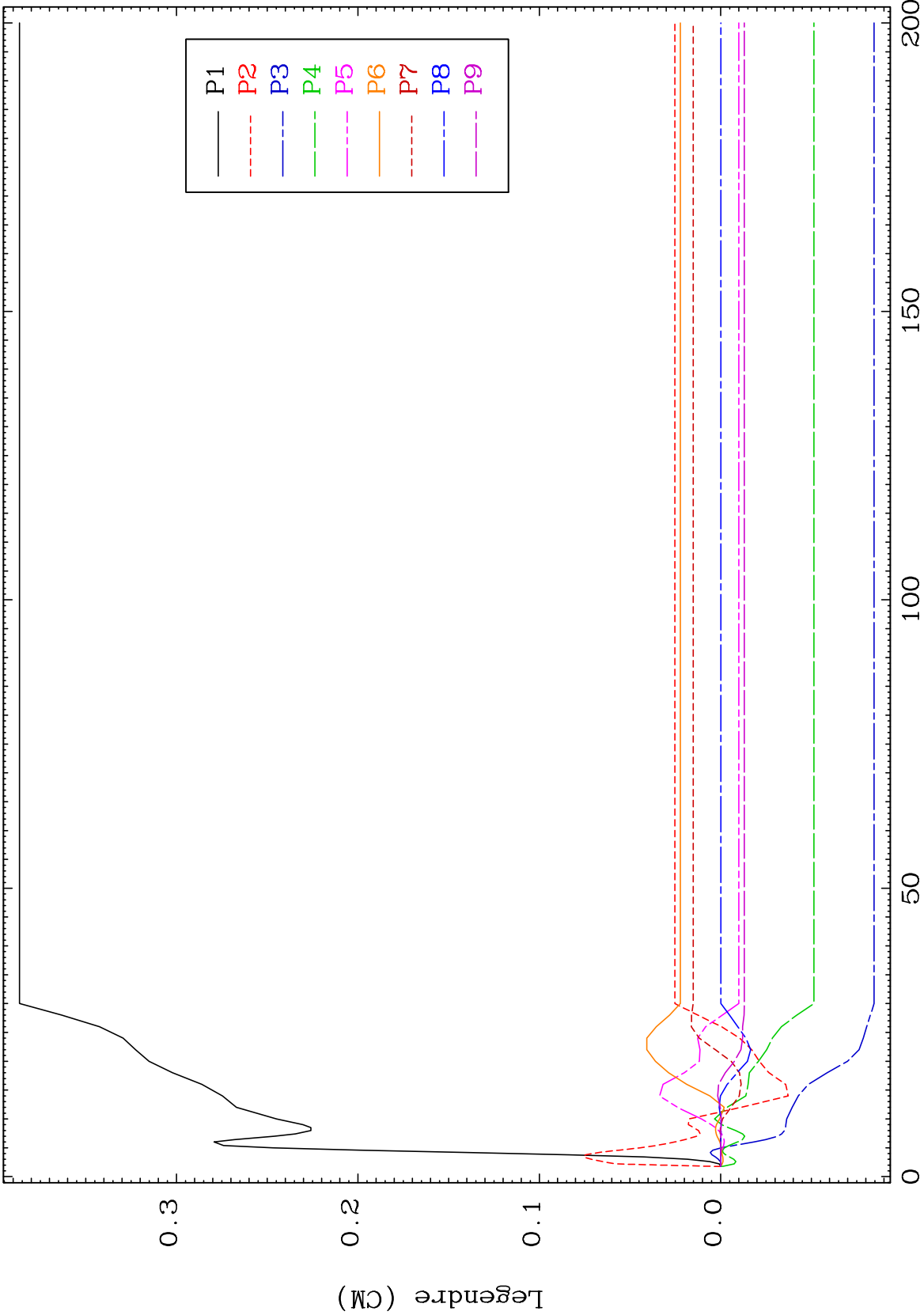
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



113

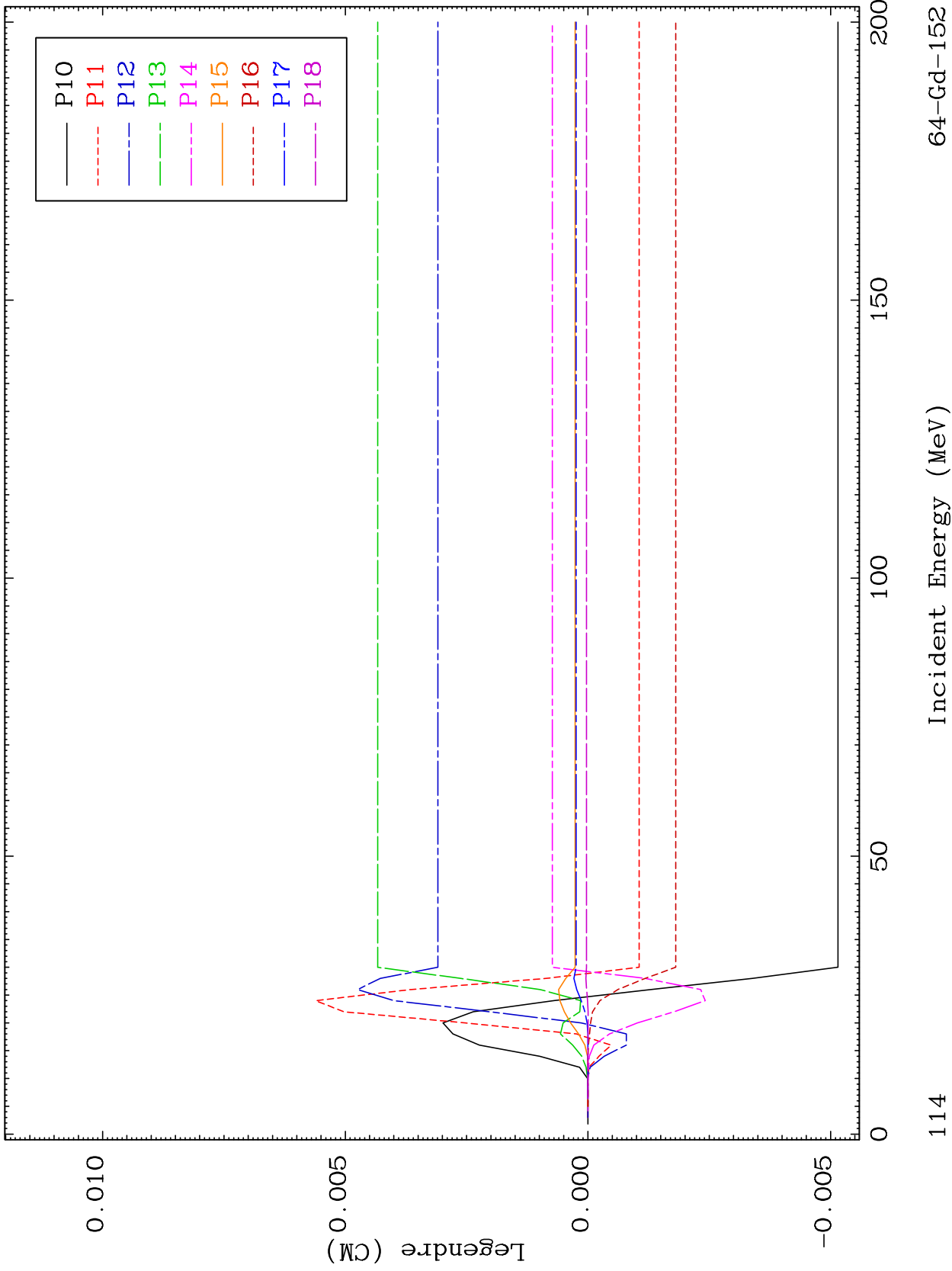
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



114

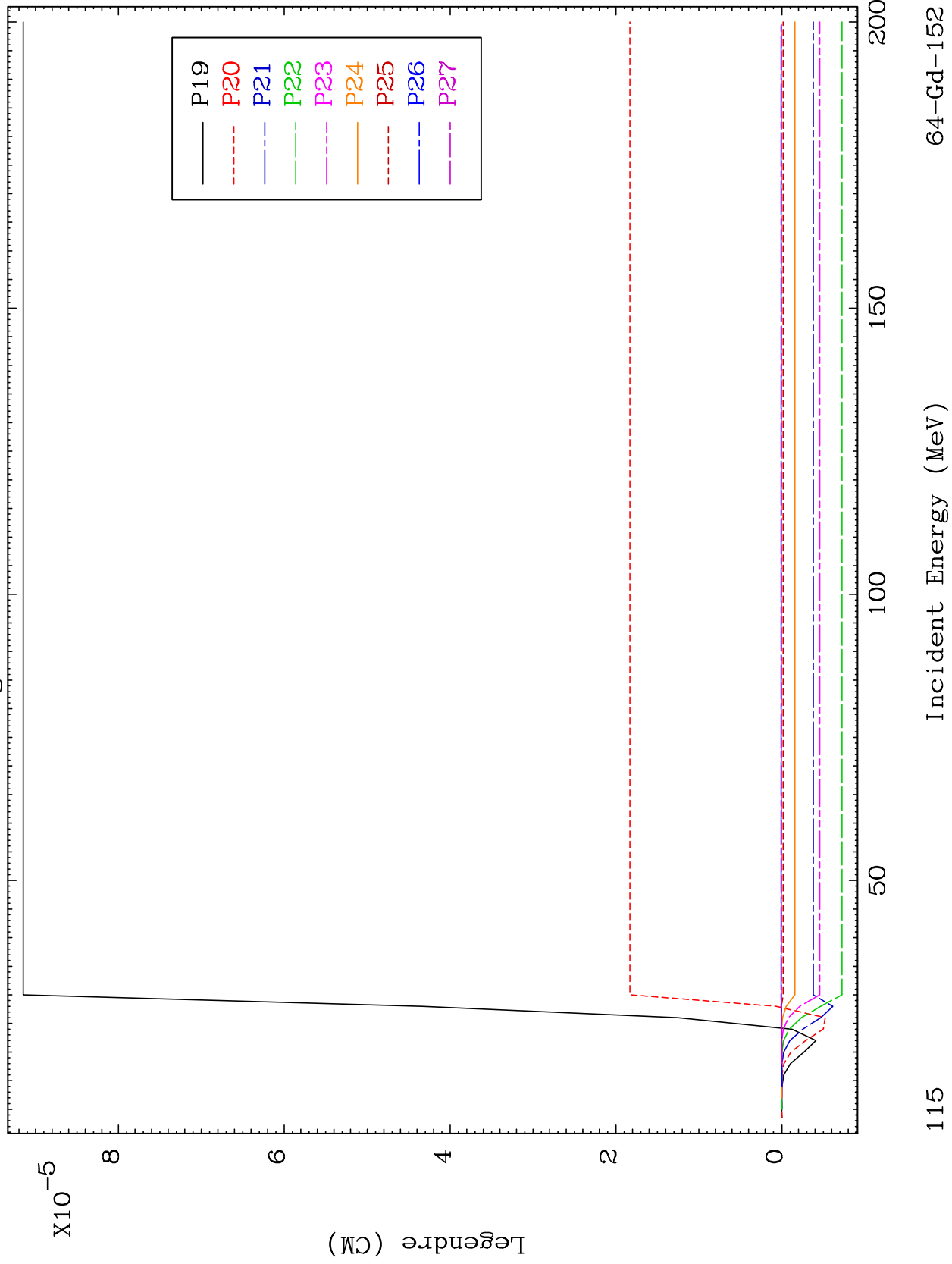
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

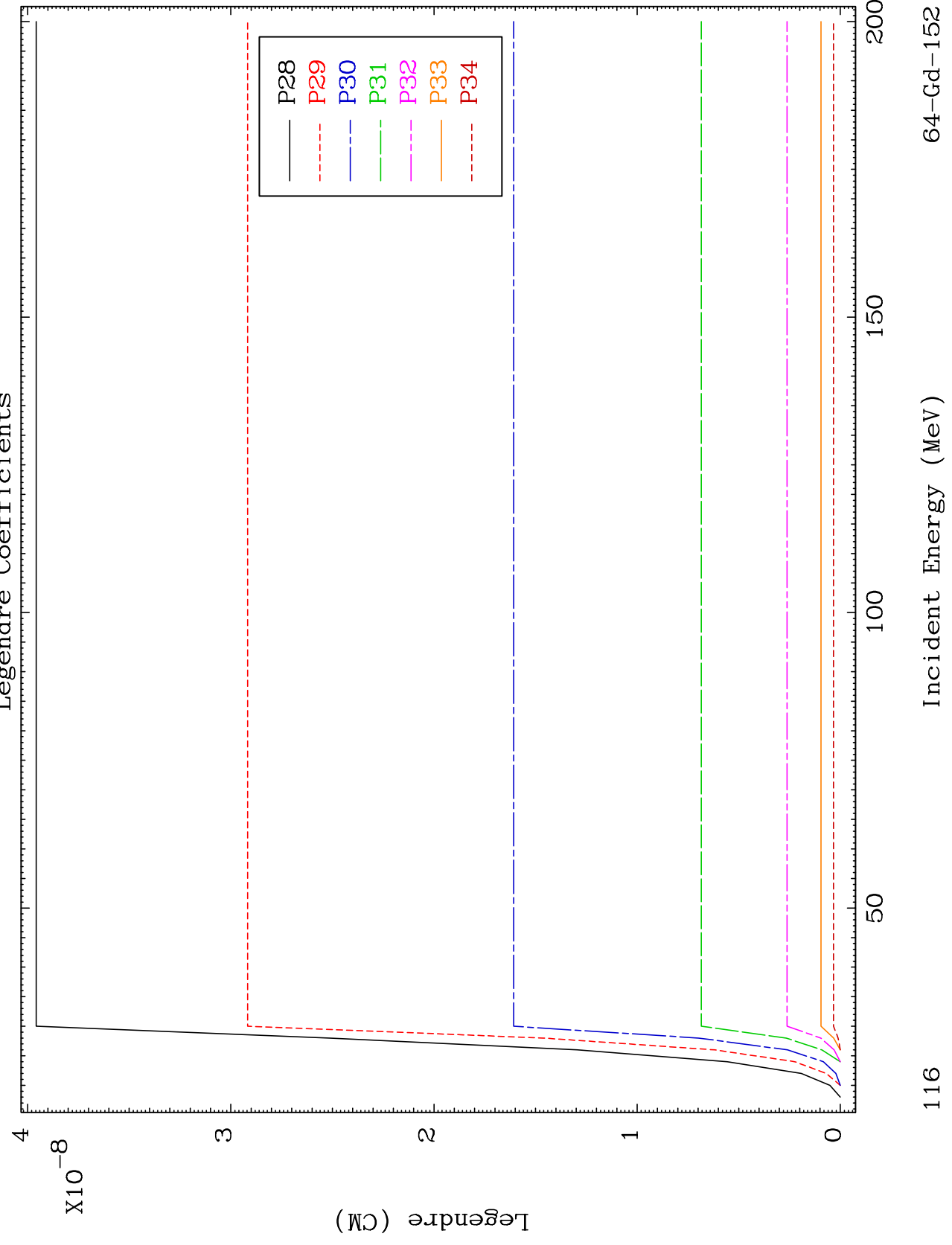
Incident Energy (MeV)

115

MAT 6425

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

64-Gd-152



116

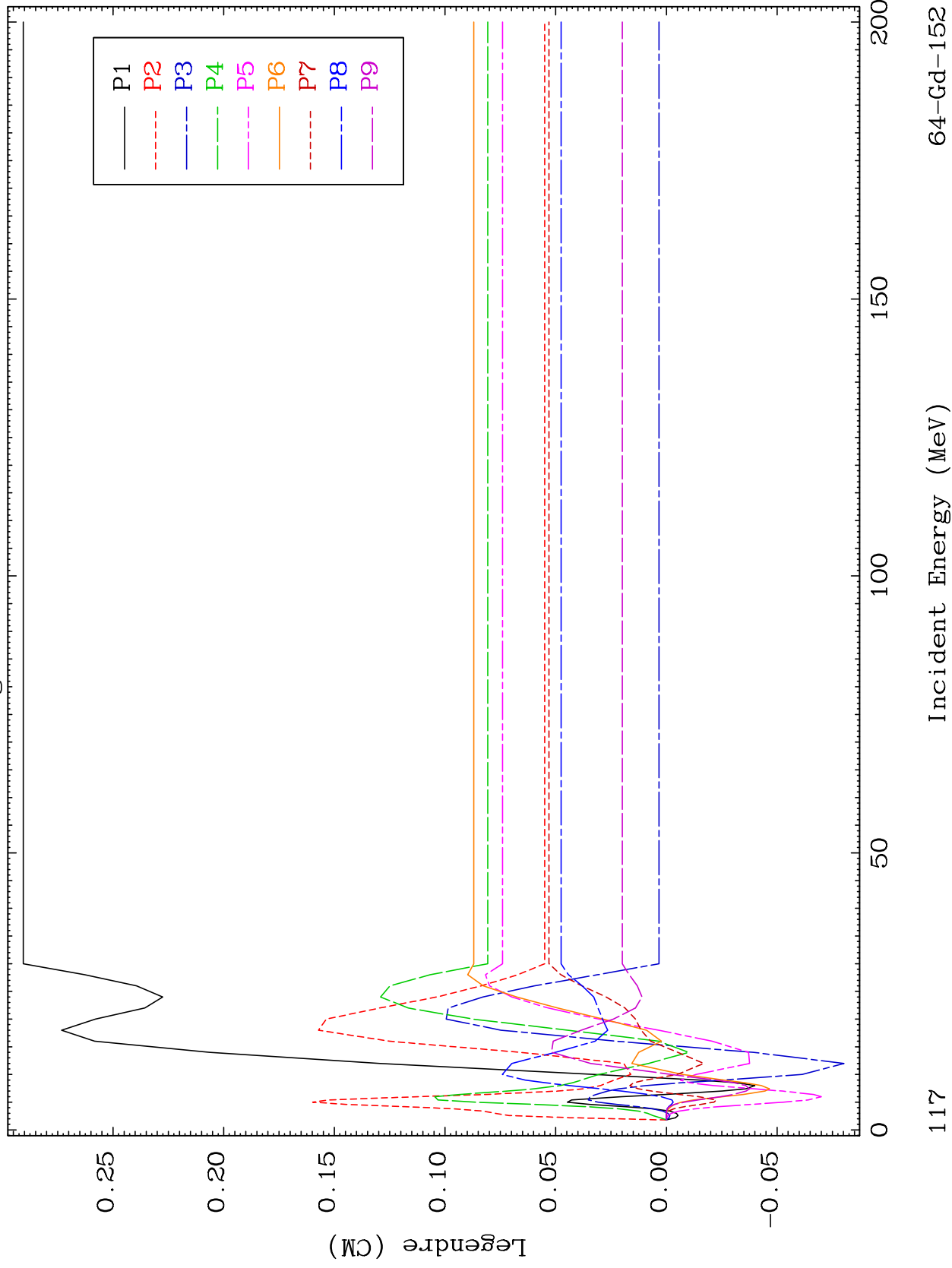
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

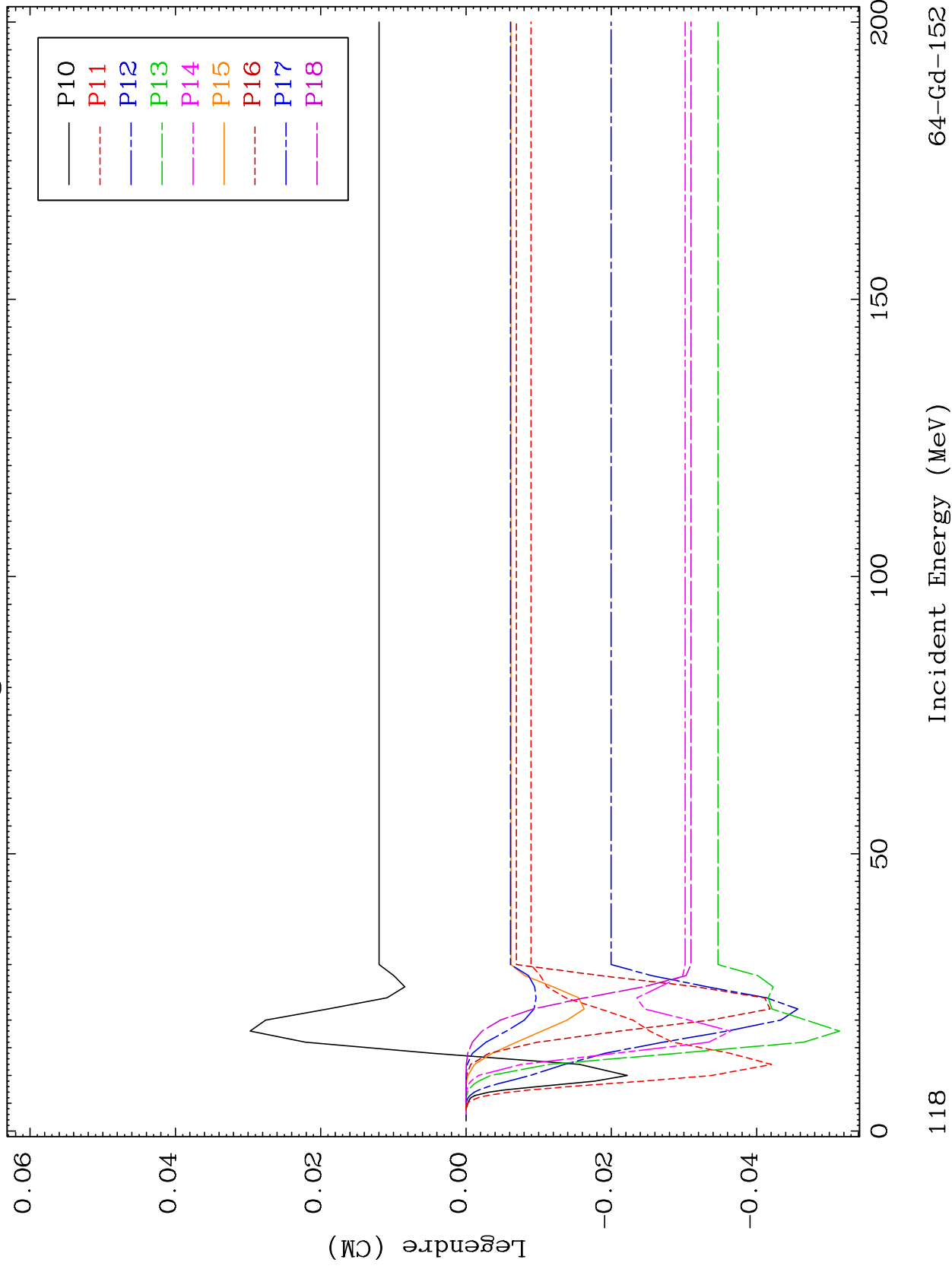
Incident Energy (MeV)

117

MAT 6425

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

64-Gd-152



64-Gd-152

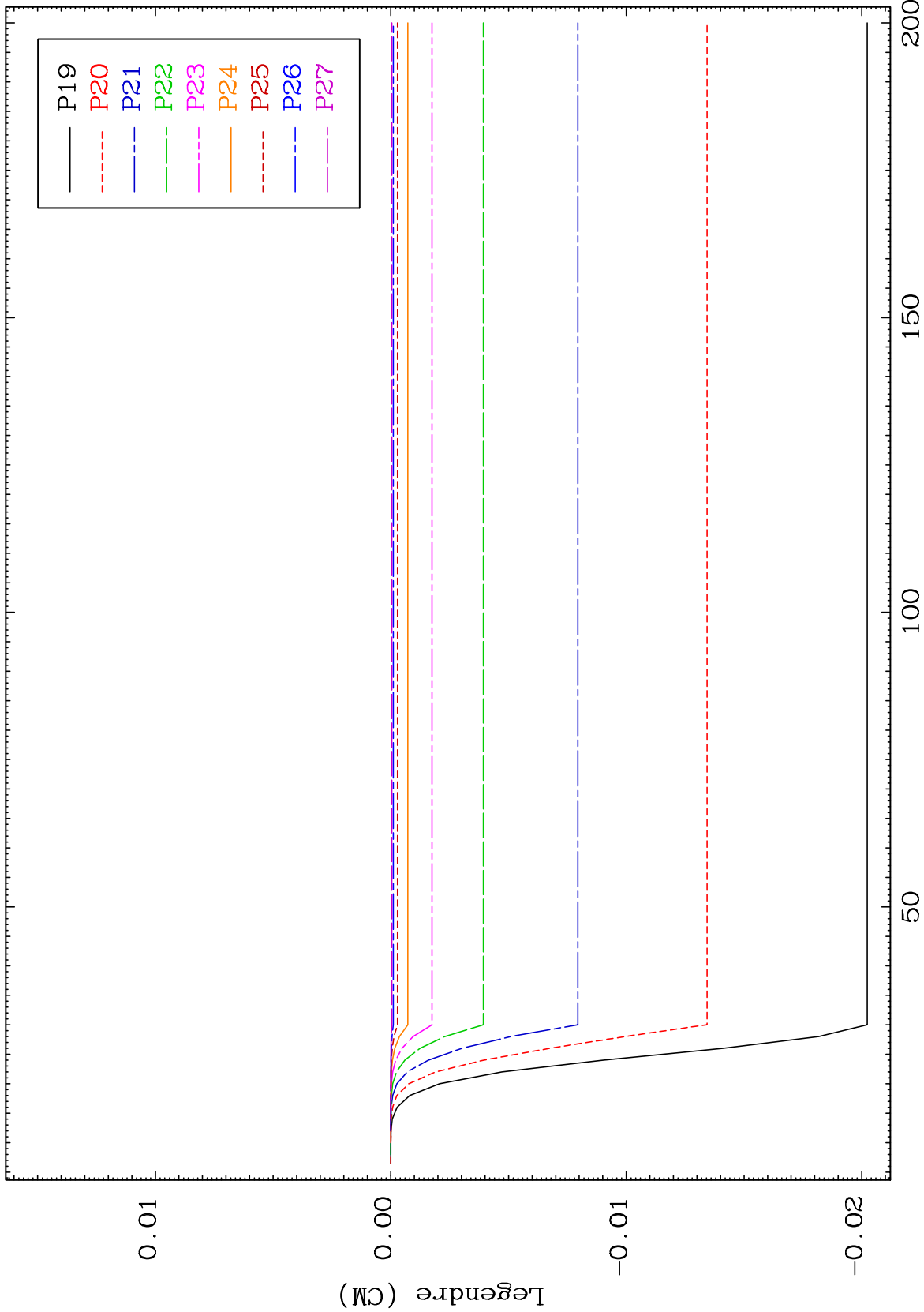
Incident Energy (MeV)

118

MAT 6425

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

64-Gd-152

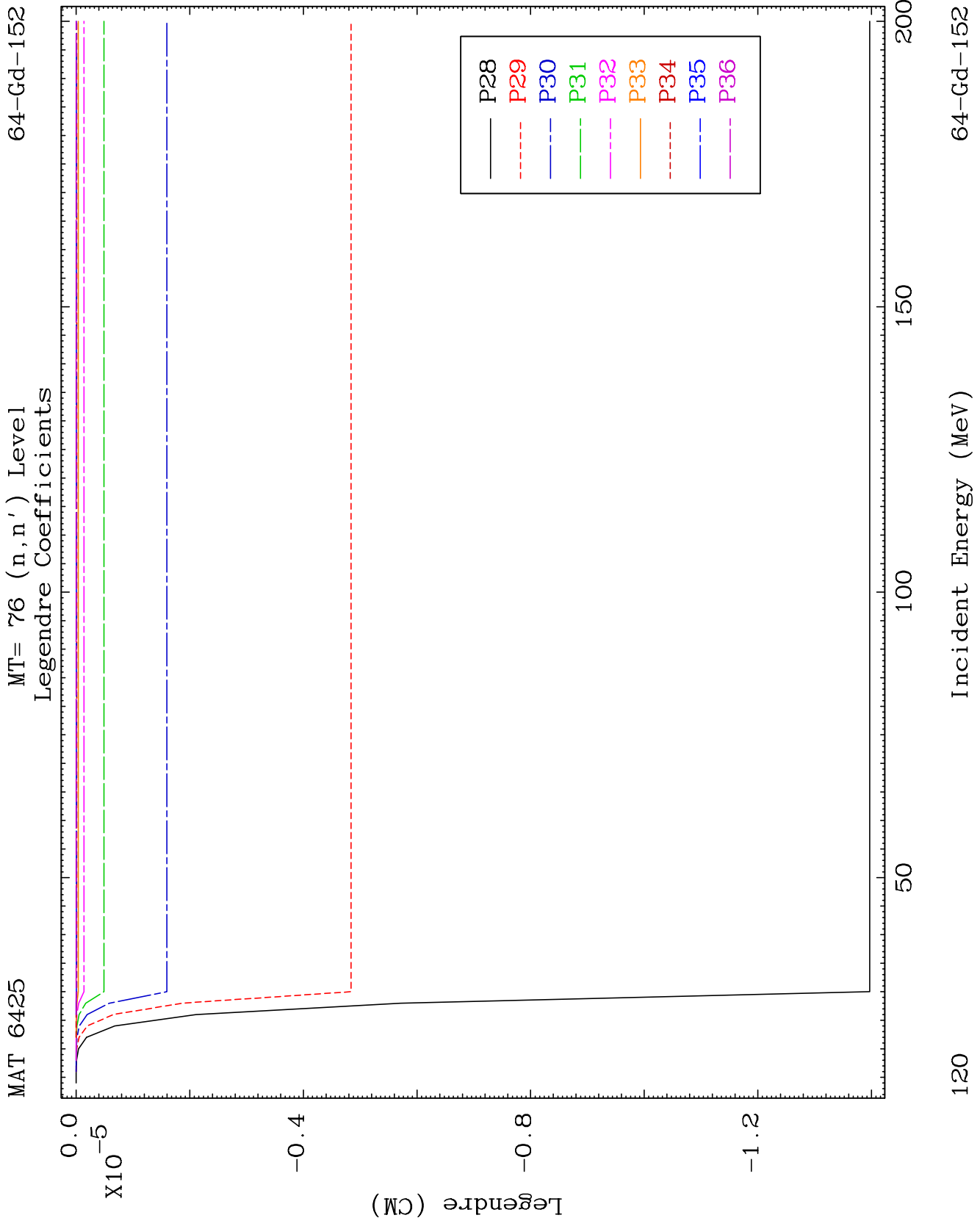


119

Incident Energy (MeV)

64-Gd-152



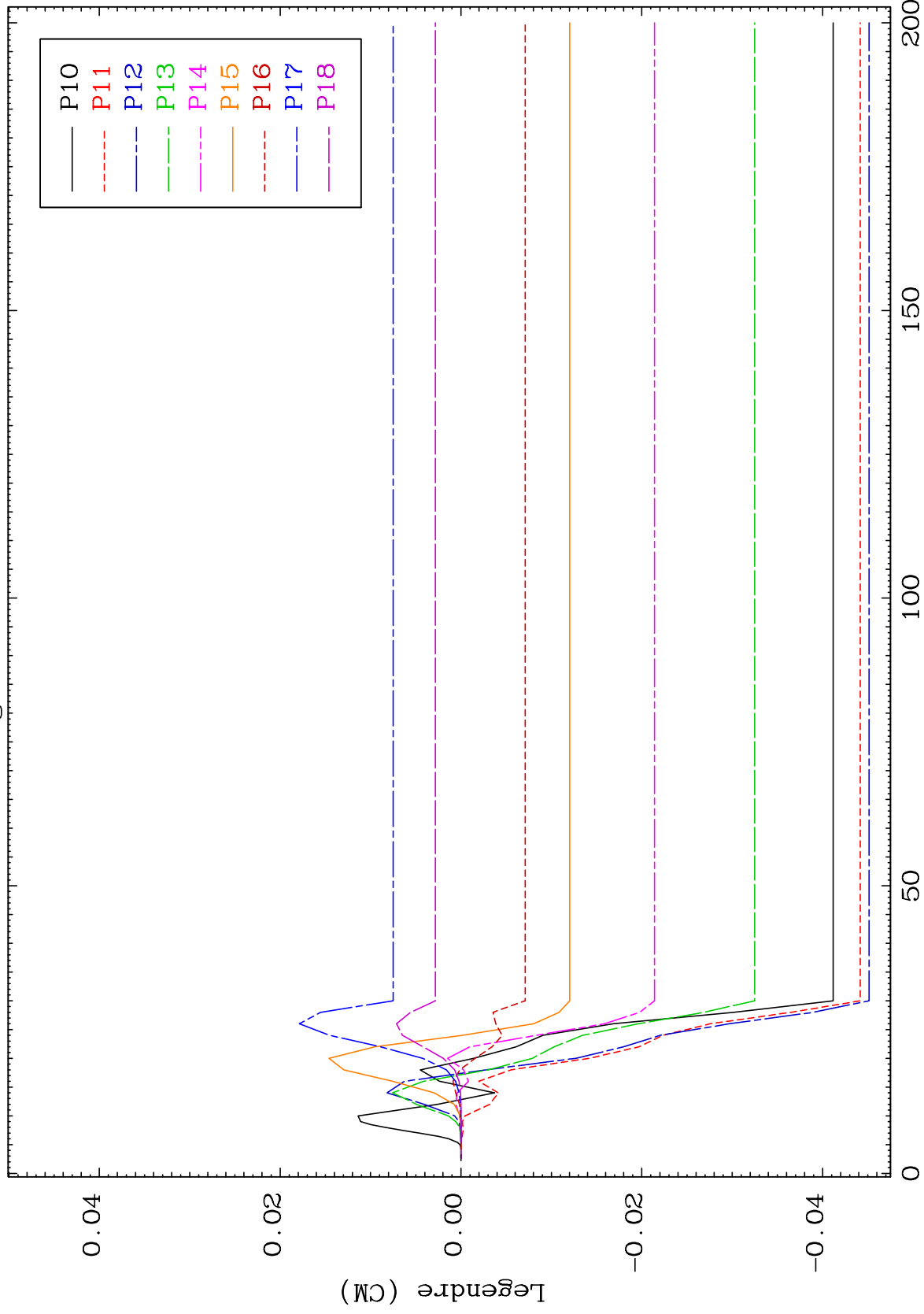




MAT 6425

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

64-Gd-152



122

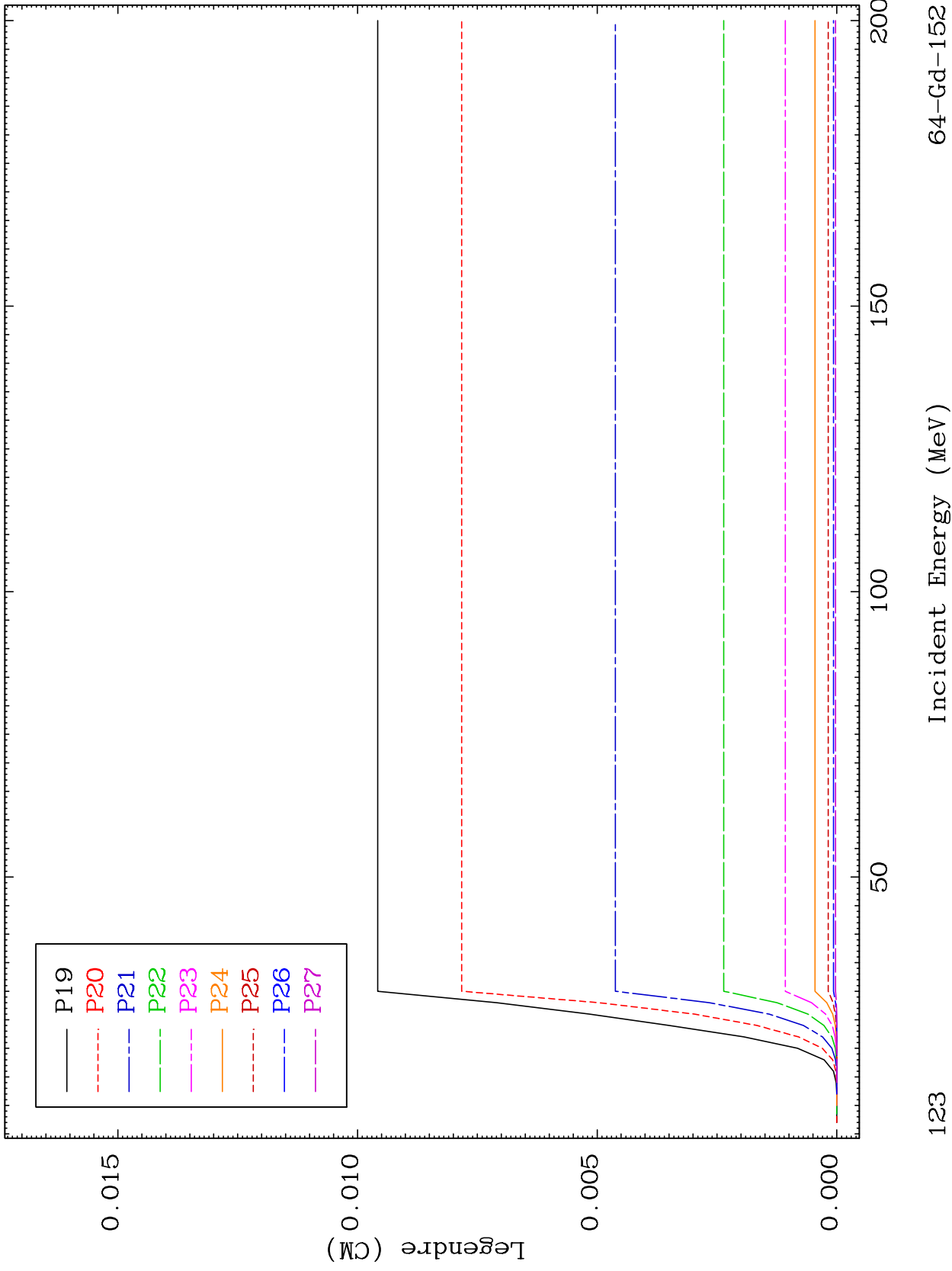
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



123

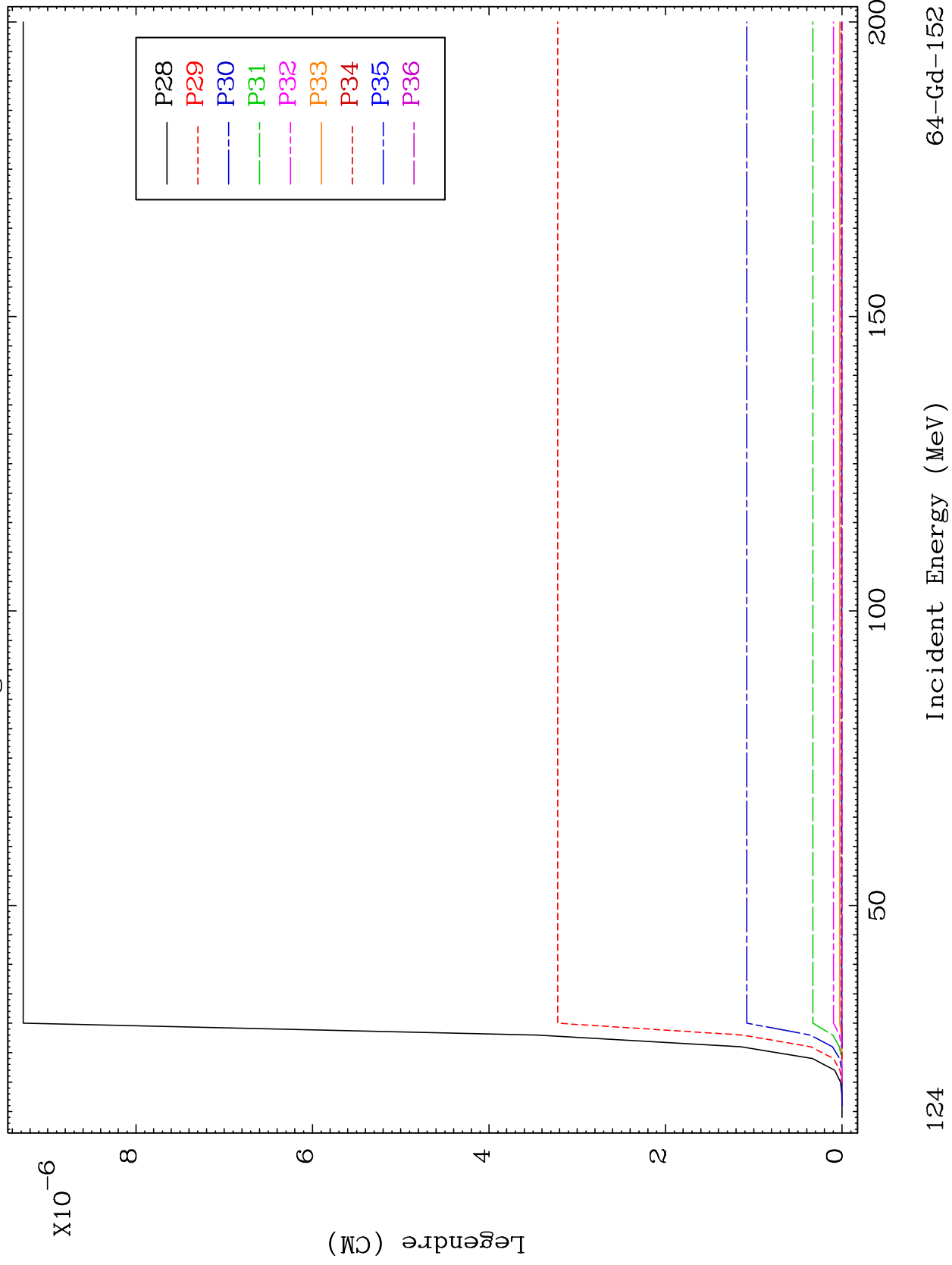
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

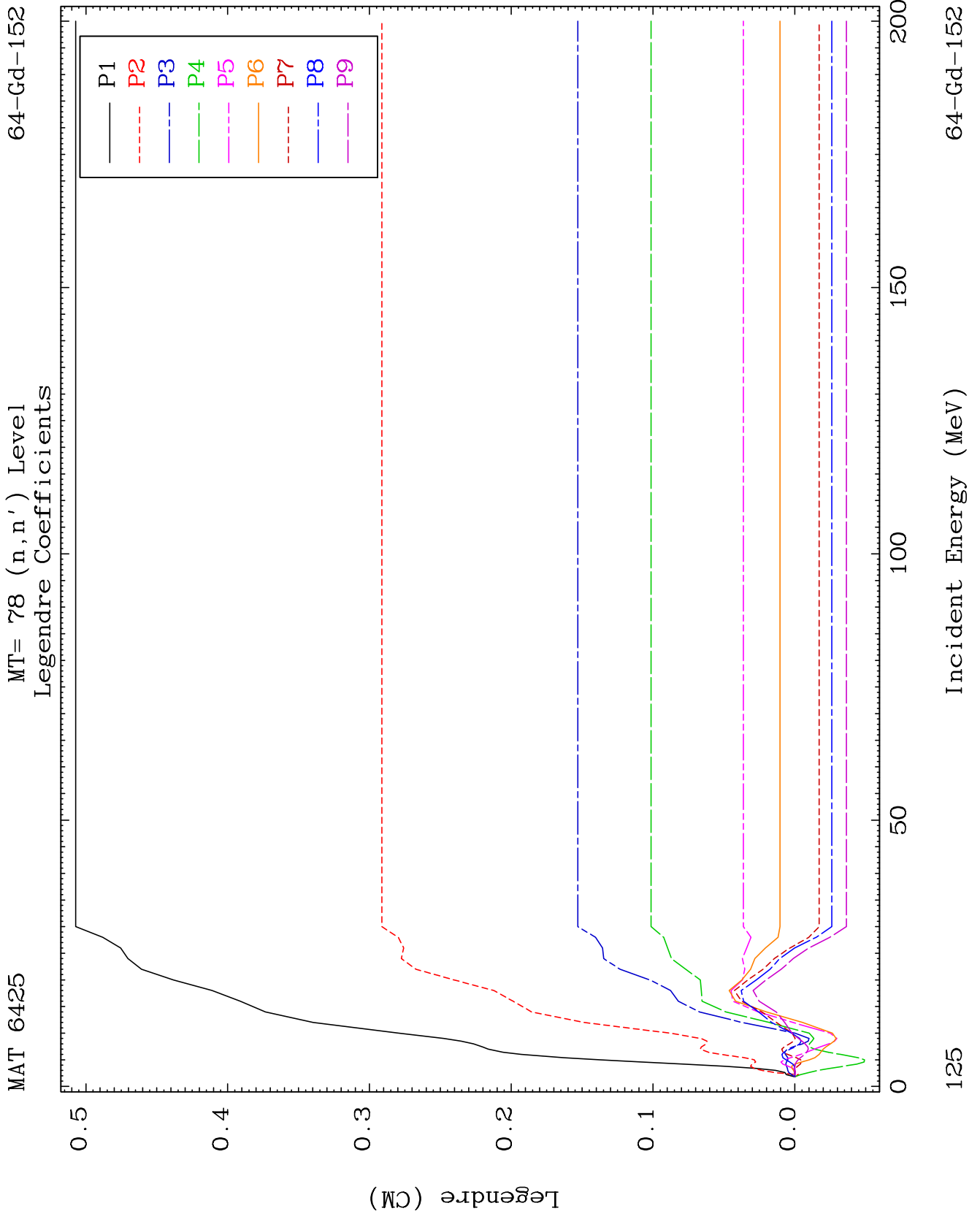
64-Gd-152



124

Incident Energy (MeV)

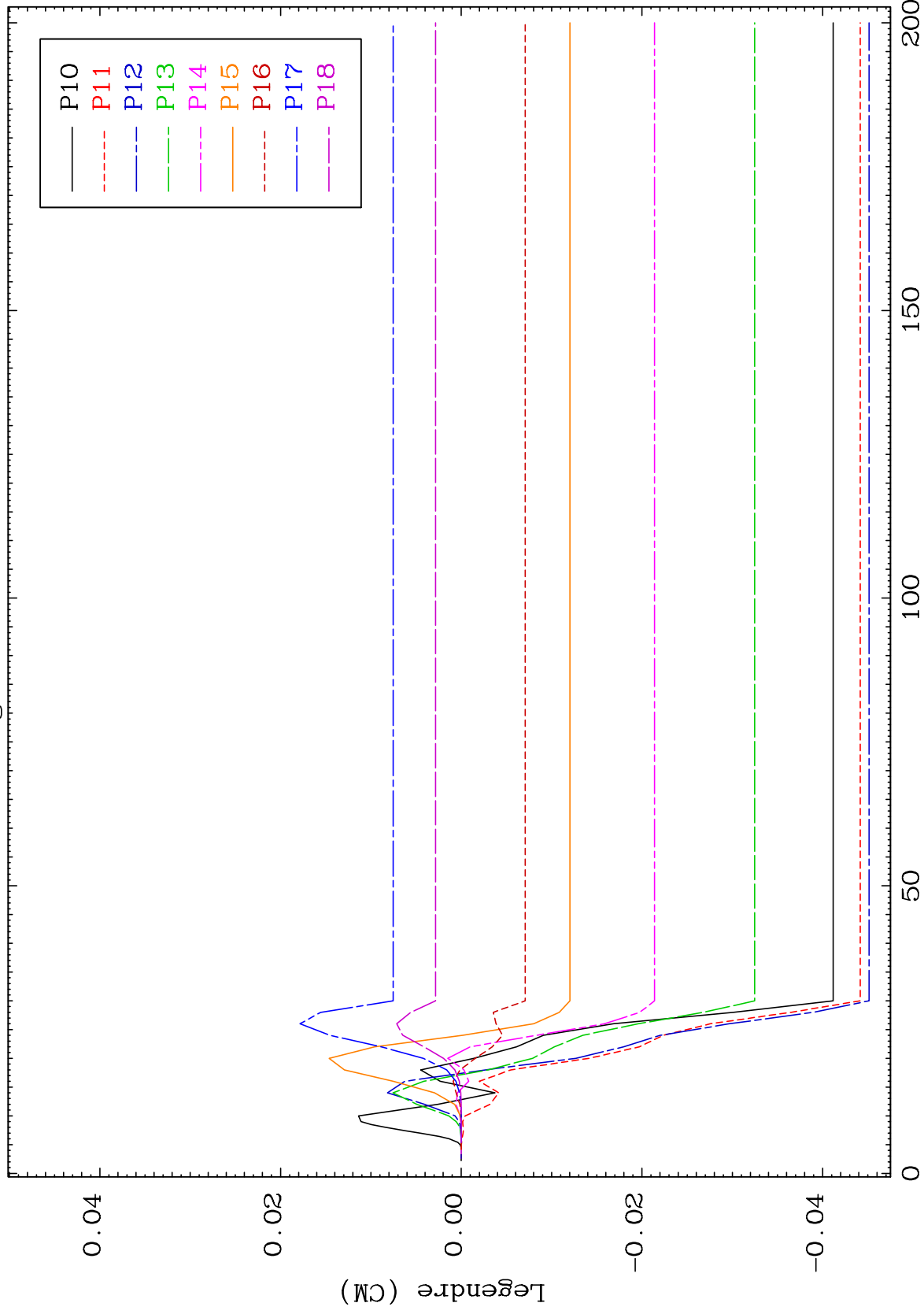
64-Gd-152



MAT 6425

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

64-Gd-152



126

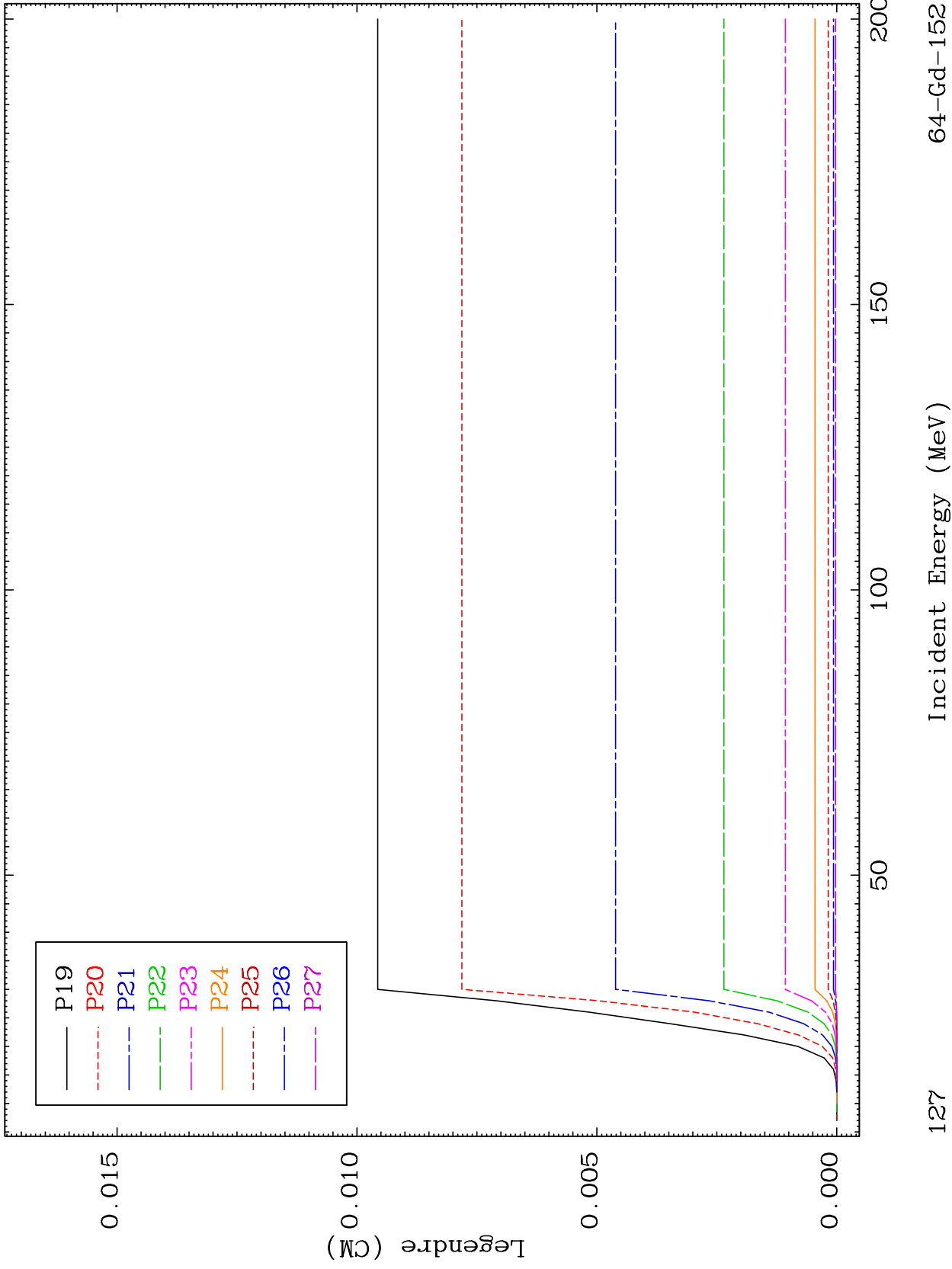
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



127

Incident Energy (MeV)

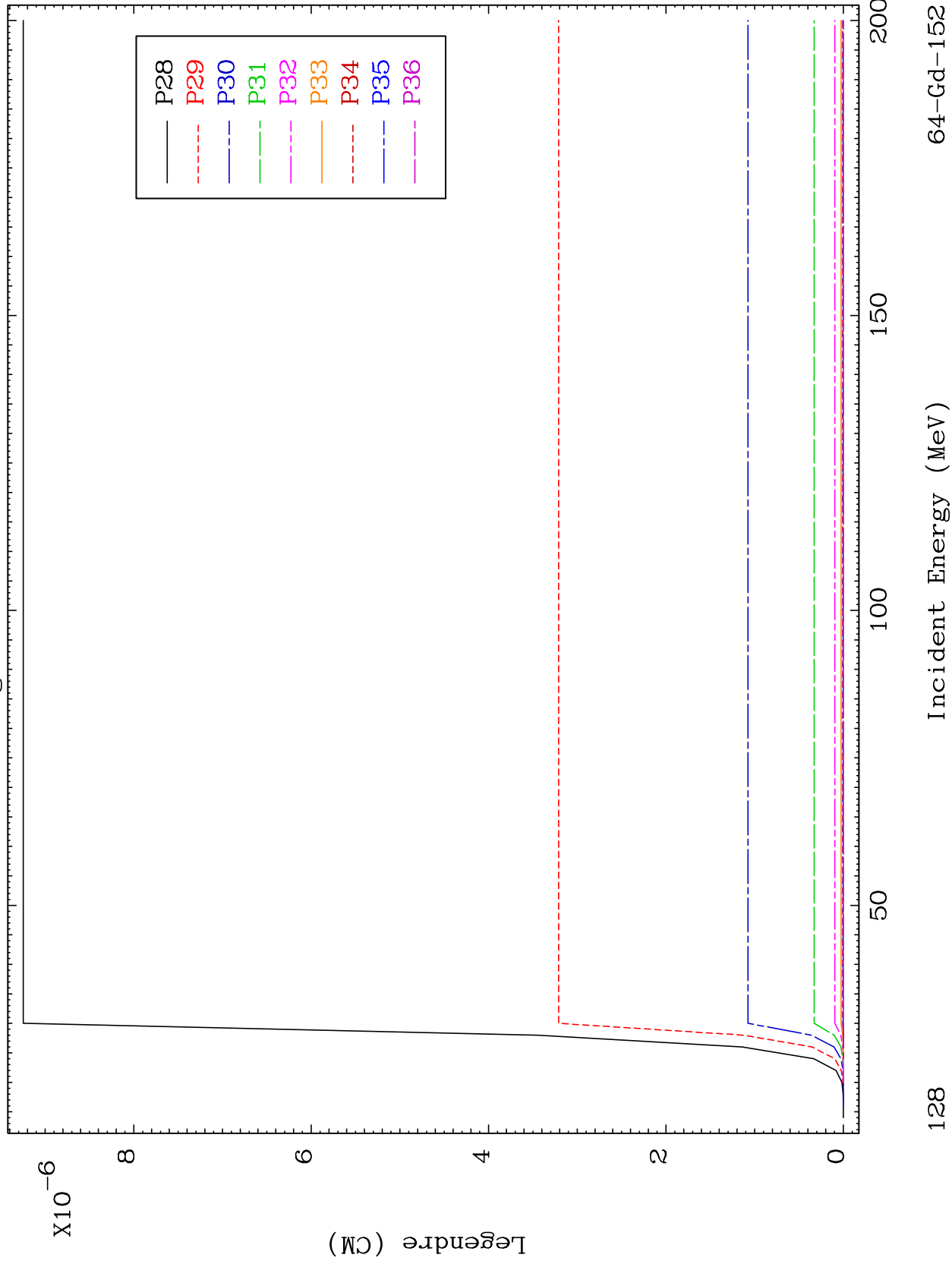
64-Gd-152



MAT 6425

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

64-Gd-152



128

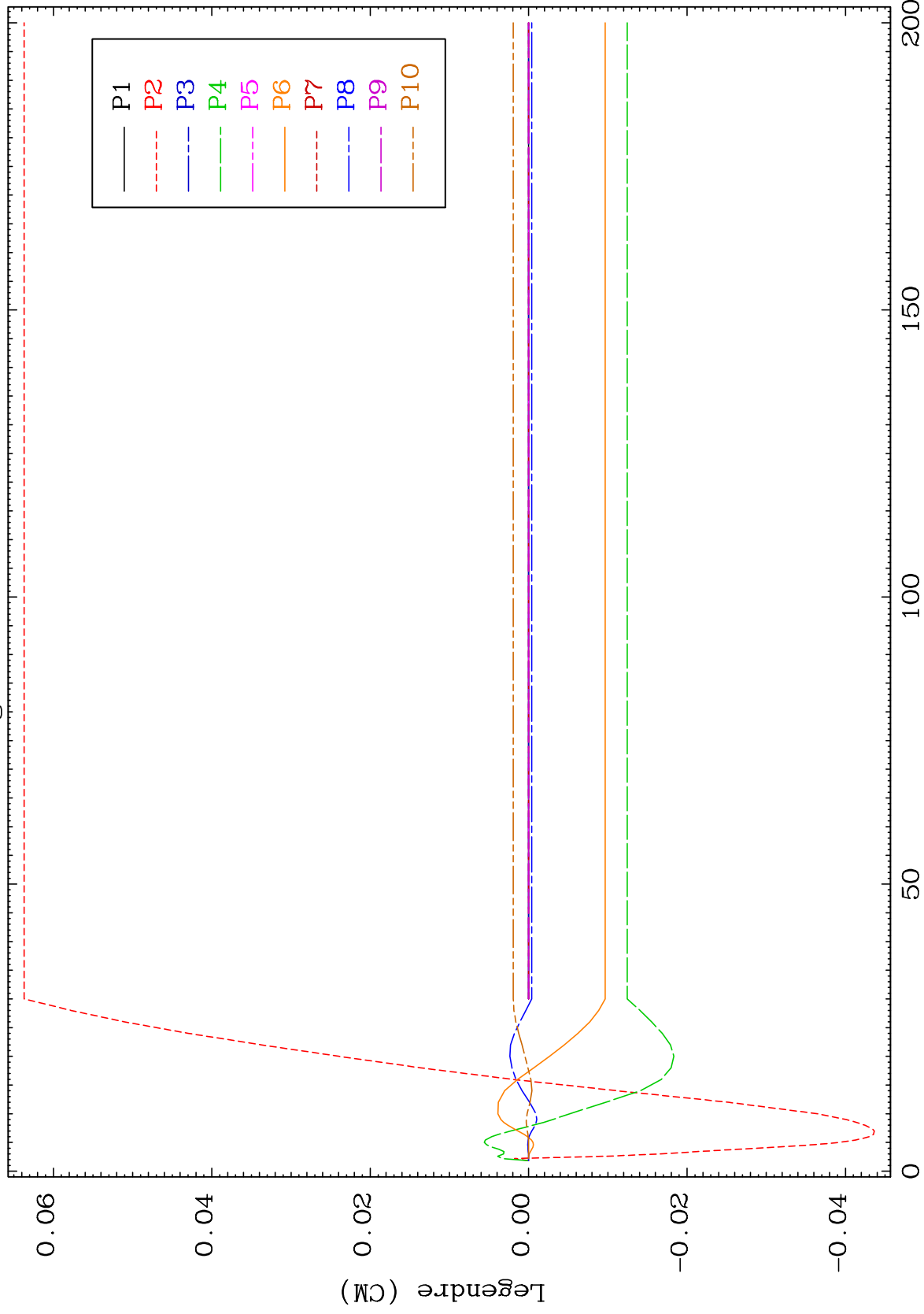
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



129

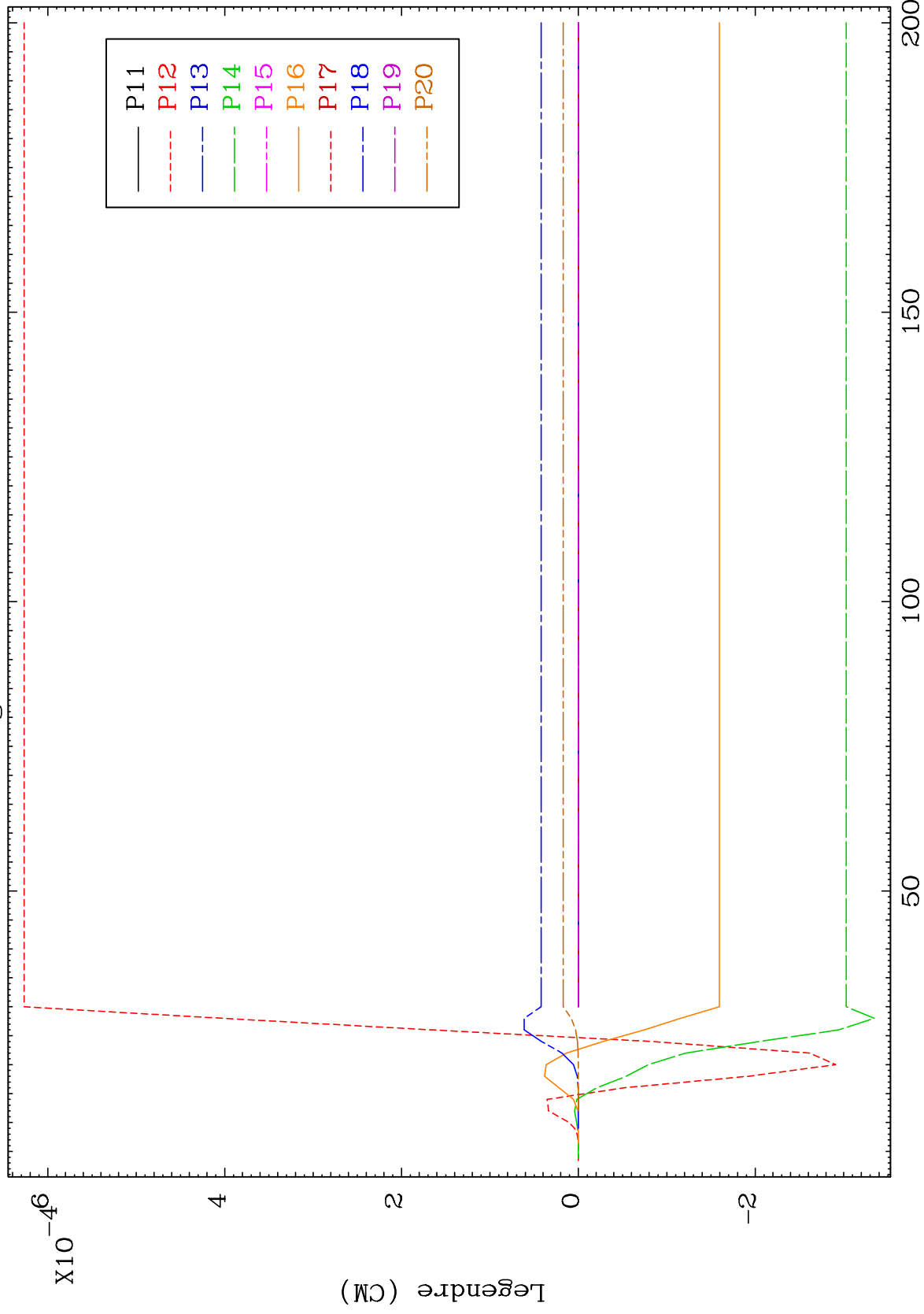
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



130

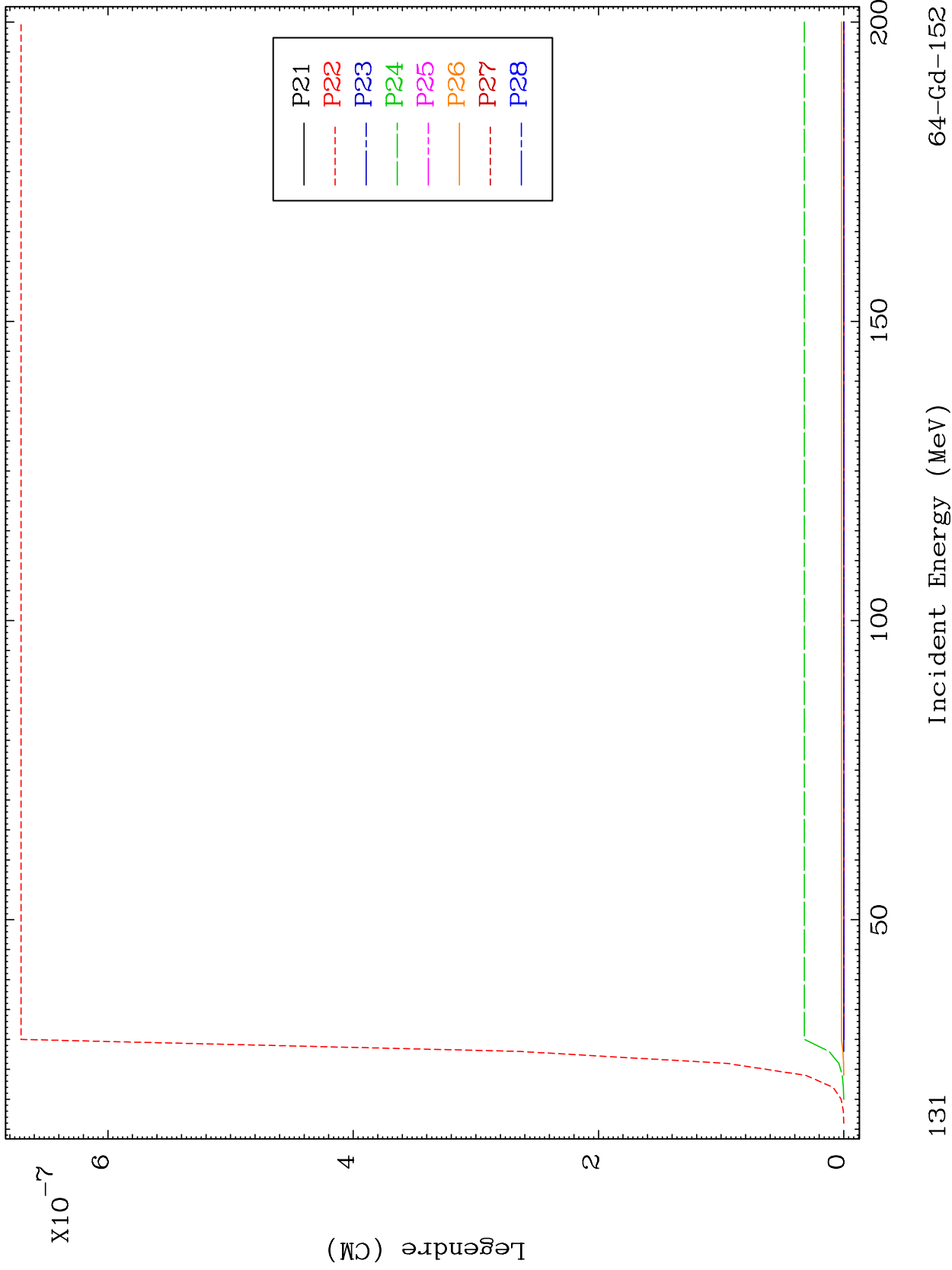
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152

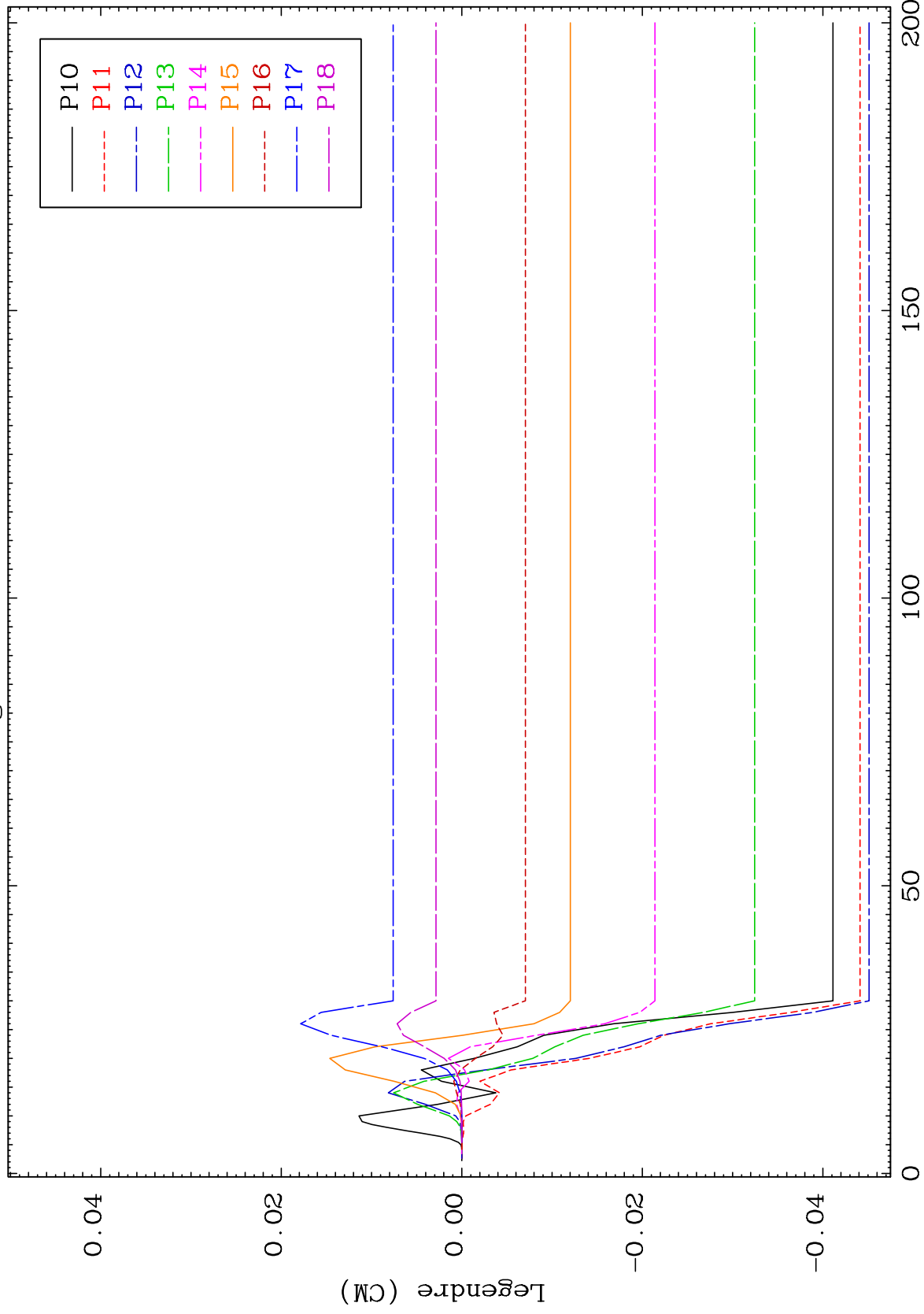




MAT 6425

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

64-Gd-152



133

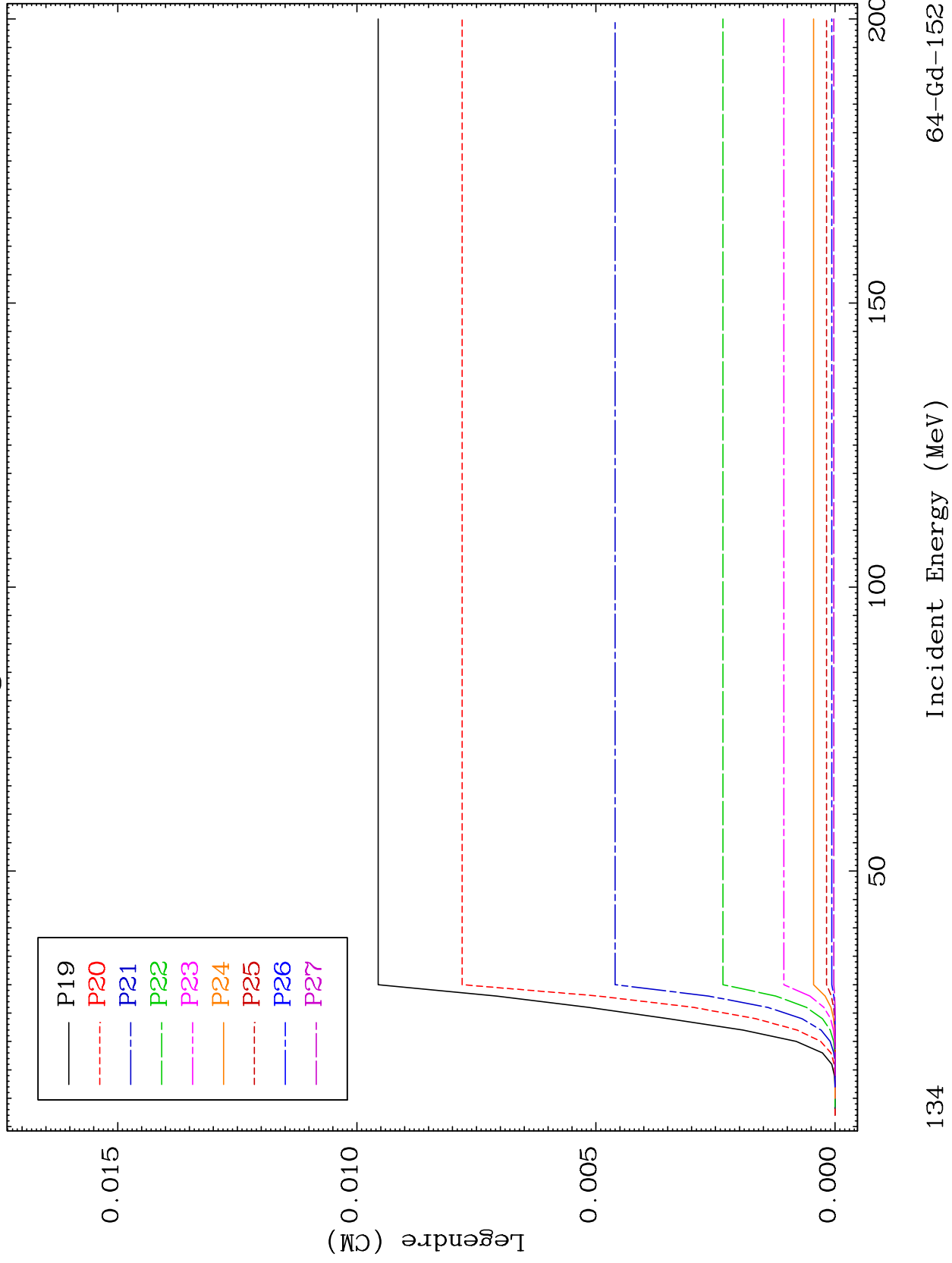
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



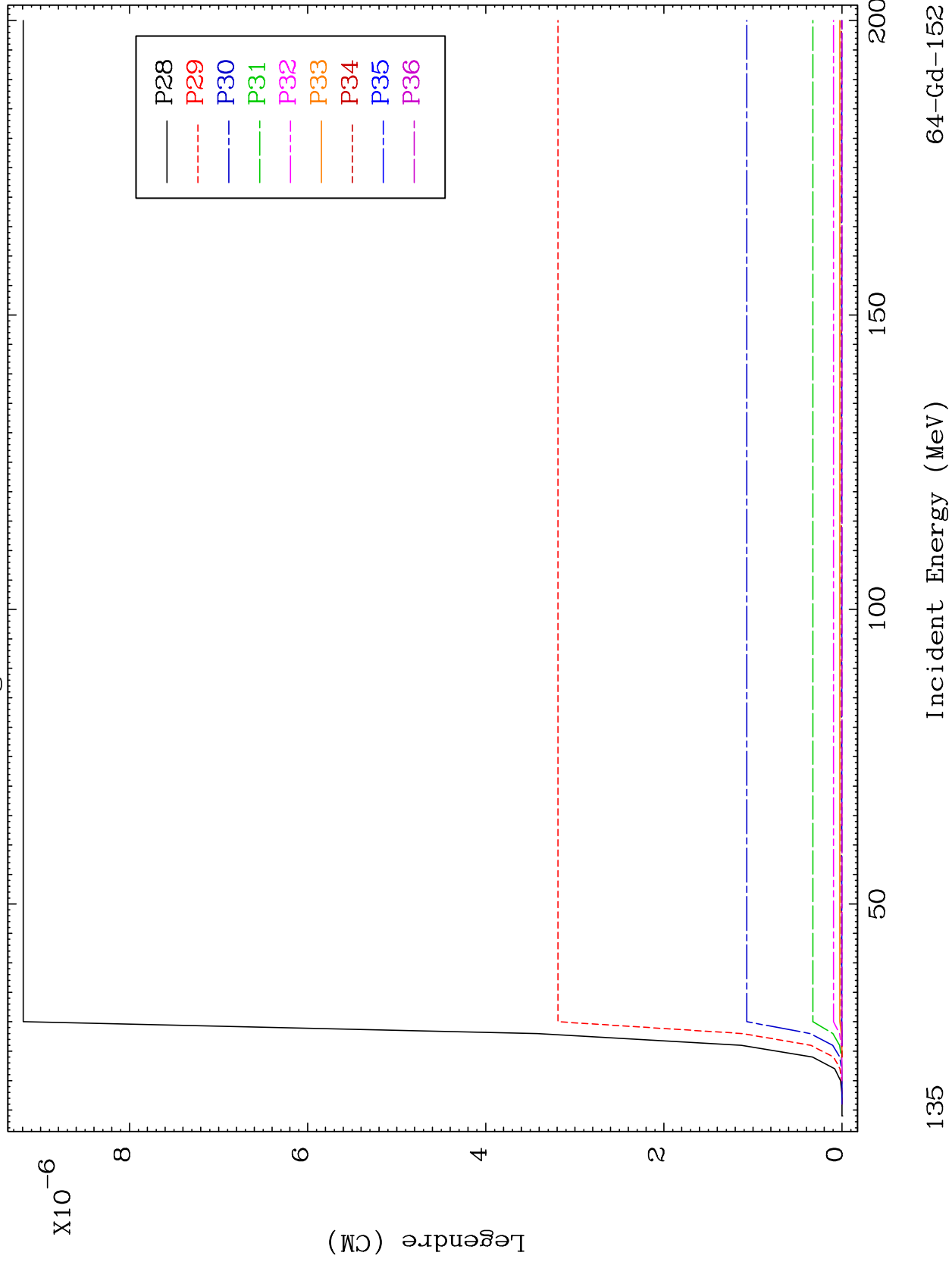
134

64-Gd-152

MAT 6425

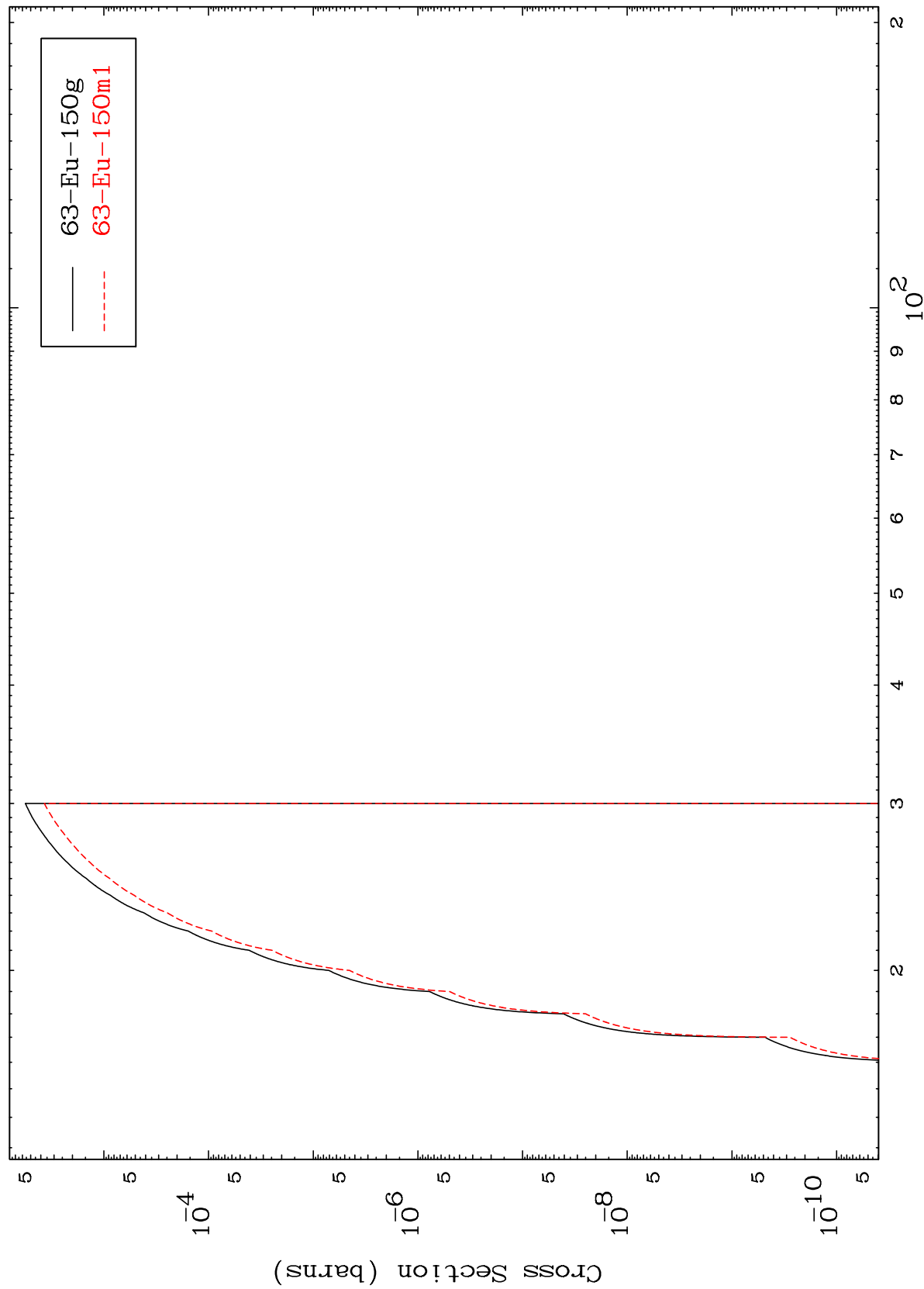
MT= 80 (n,n') Level  
Legendre Coefficients

64-Gd-152





Radionuclide Production Cross Section

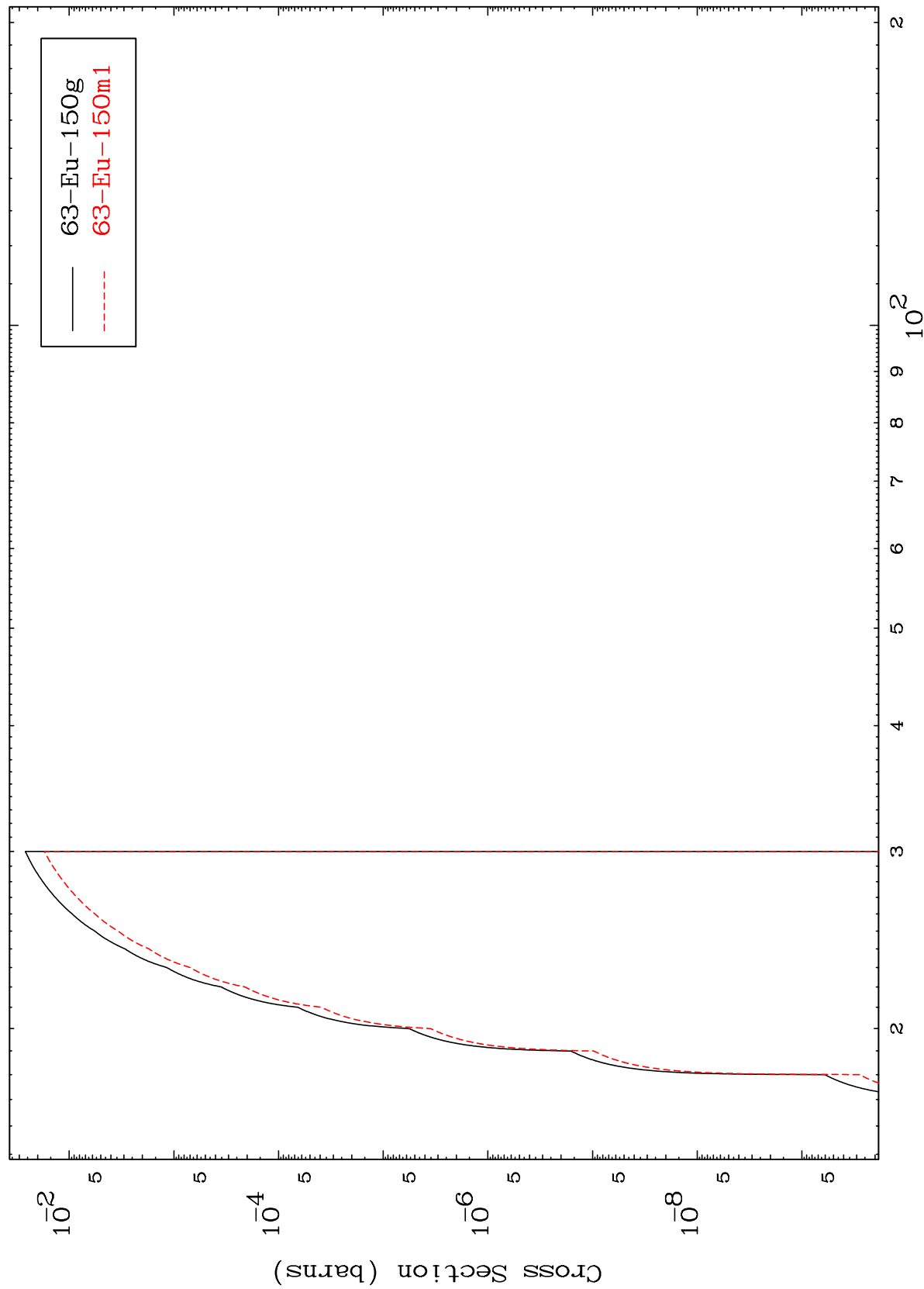


MAT 6425

(n,2n) p

64-Gd-152

Radionuclide Production Cross Section



137

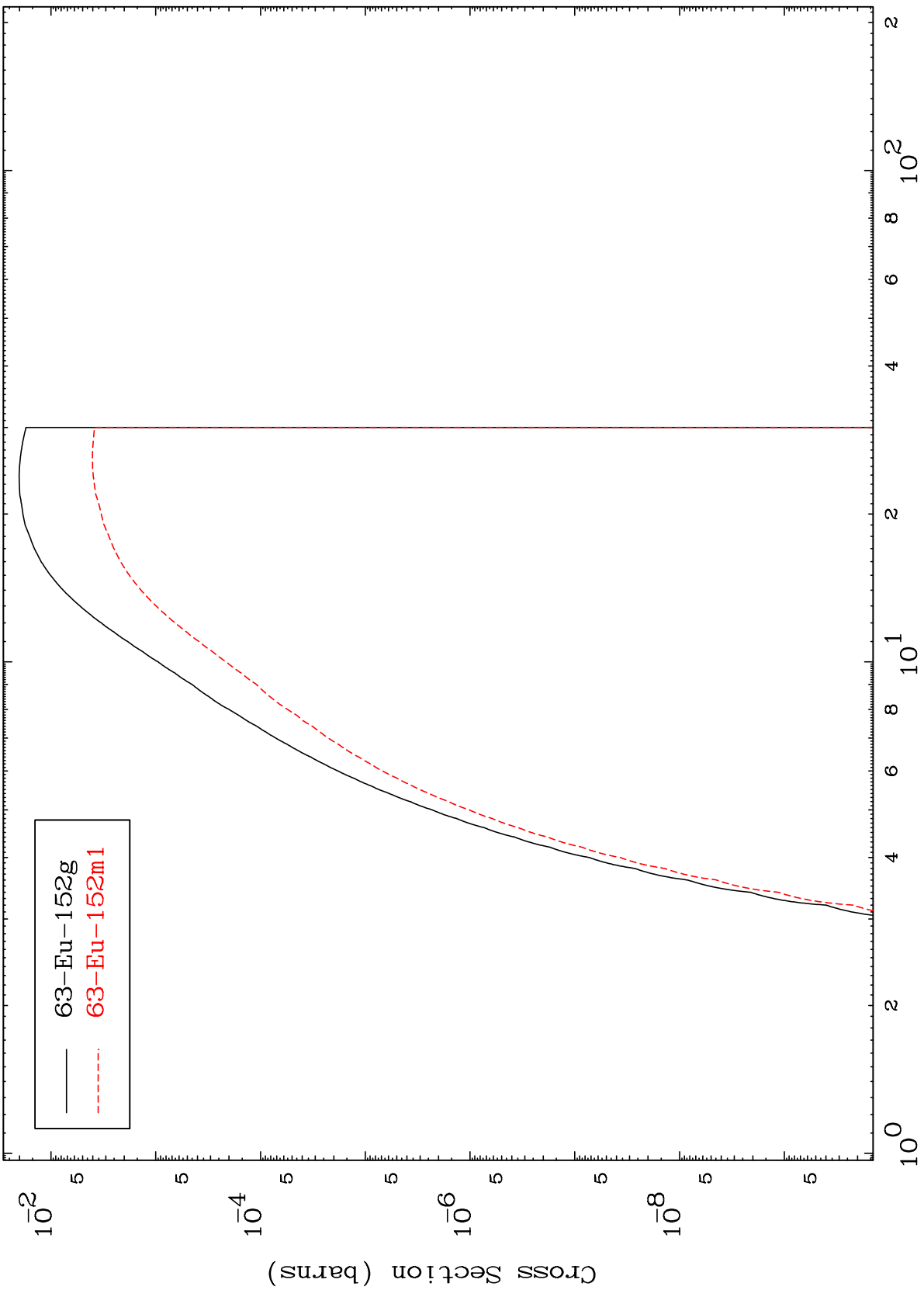
Incident Energy (MeV)

64-Gd-152

MAT 6425

64-Gd-152

(n,p)  
Radionuclide Production Cross Section



63-Eu-152g  
63-Eu-152m1

64-Gd-152

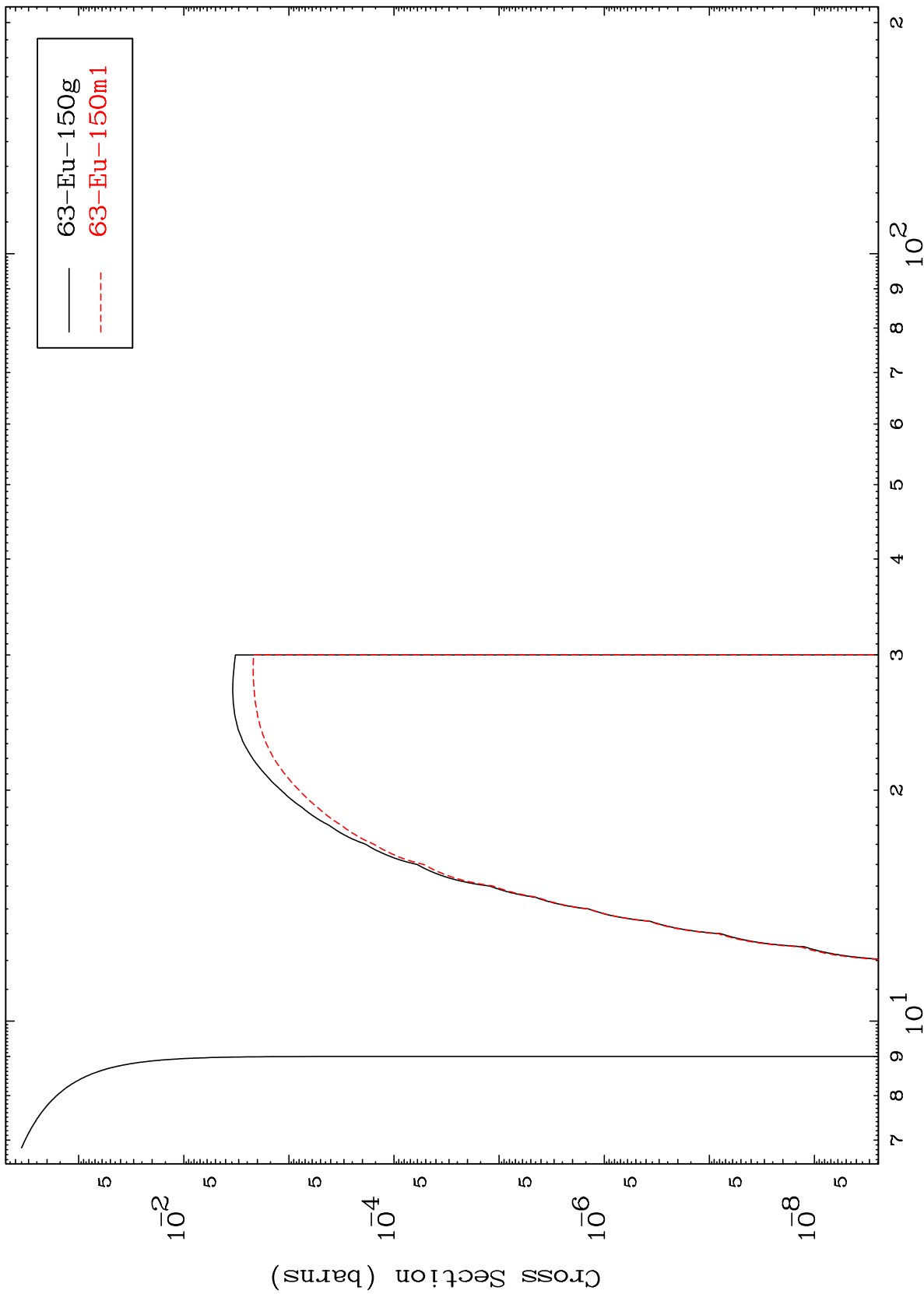
Incident Energy (MeV)

138

MAT 6425

64-Gd-152

(n, t)  
Radionuclide Production Cross Section



139

Incident Energy (MeV)

64-Gd-152

MAT 6425

(n,p)  $\alpha$

64-Gd-152

Radionuclide Production Cross Section

