

Program EVALPLOT  
(Version 2018-1)

by

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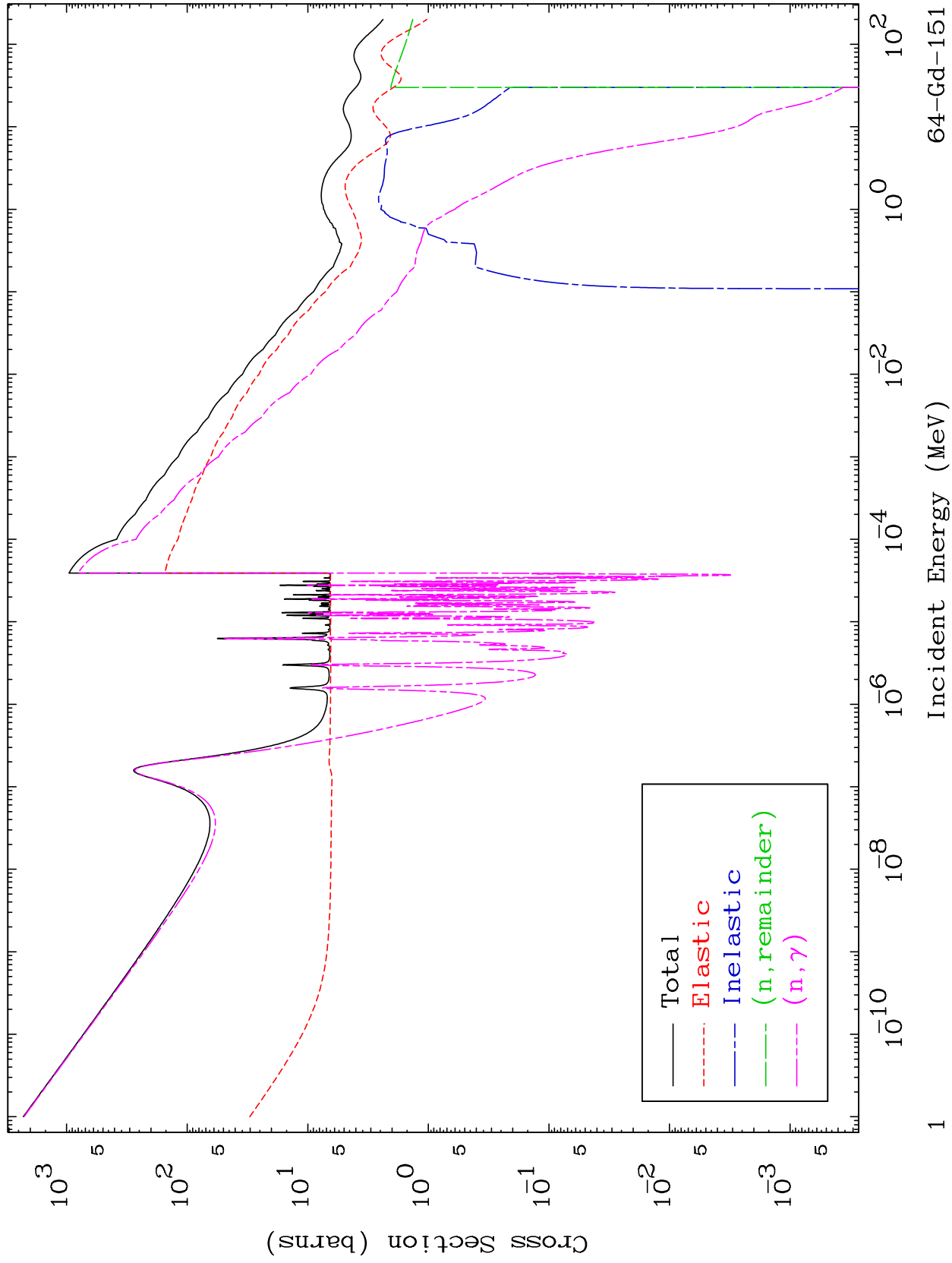
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6422

Major  
293 Kelvin Cross Sections

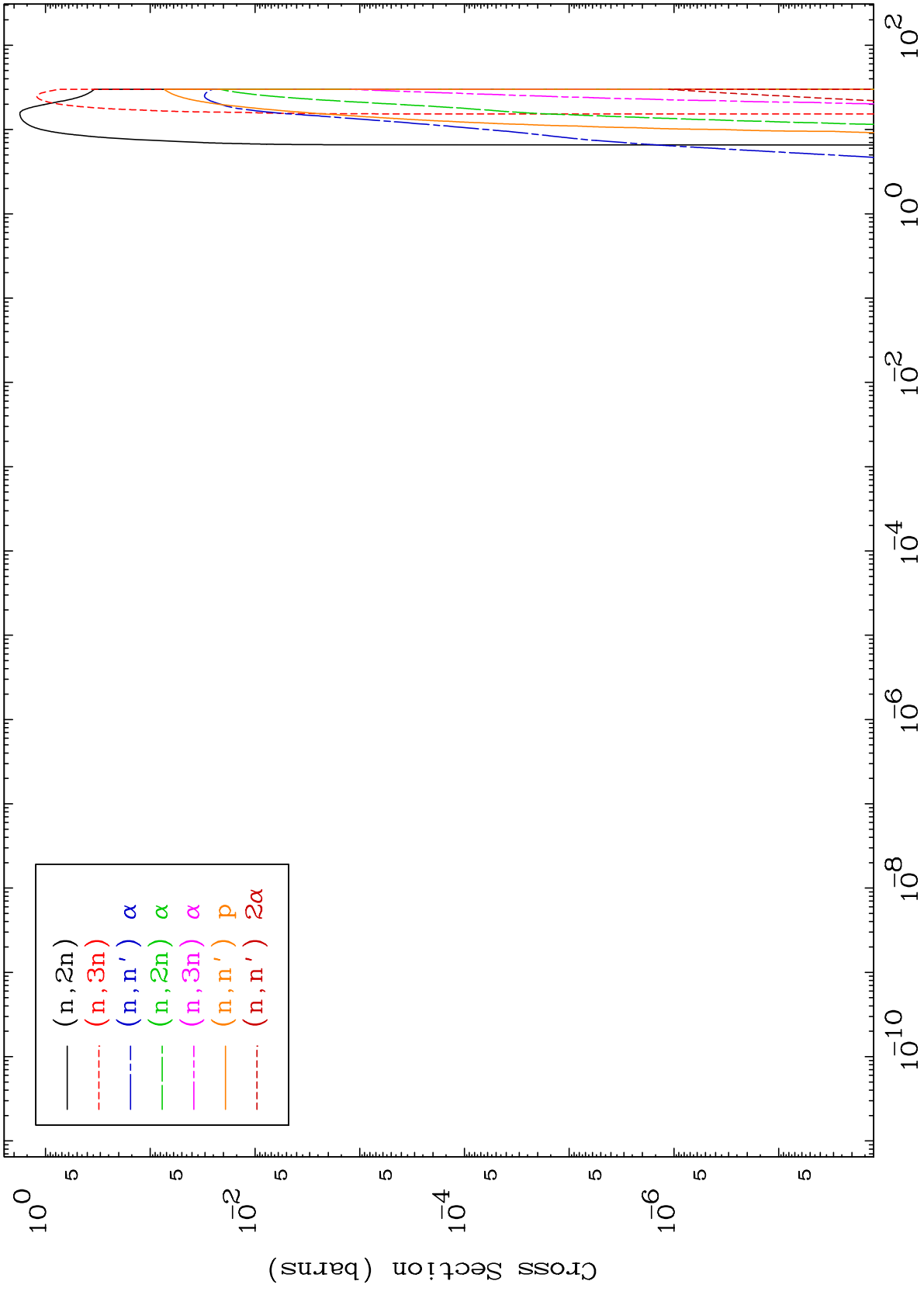
64-Gd-151



MAT 6422

Neutron Production  
293 Kelvin Cross Sections

64-Gd-151

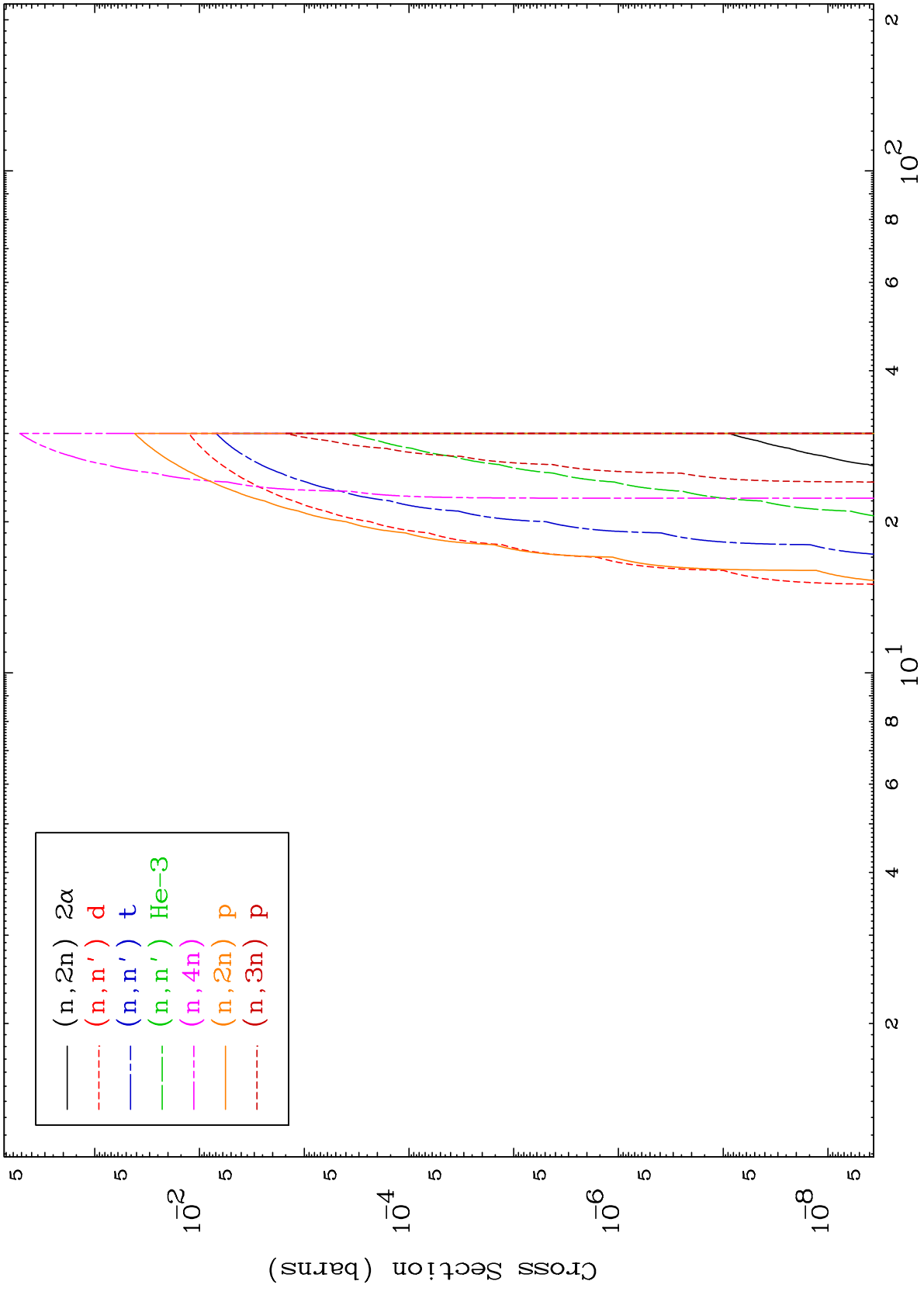


64-Gd-151

MAT 6422

Neutron Production  
293 Kelvin Cross Sections

64-Gd-151

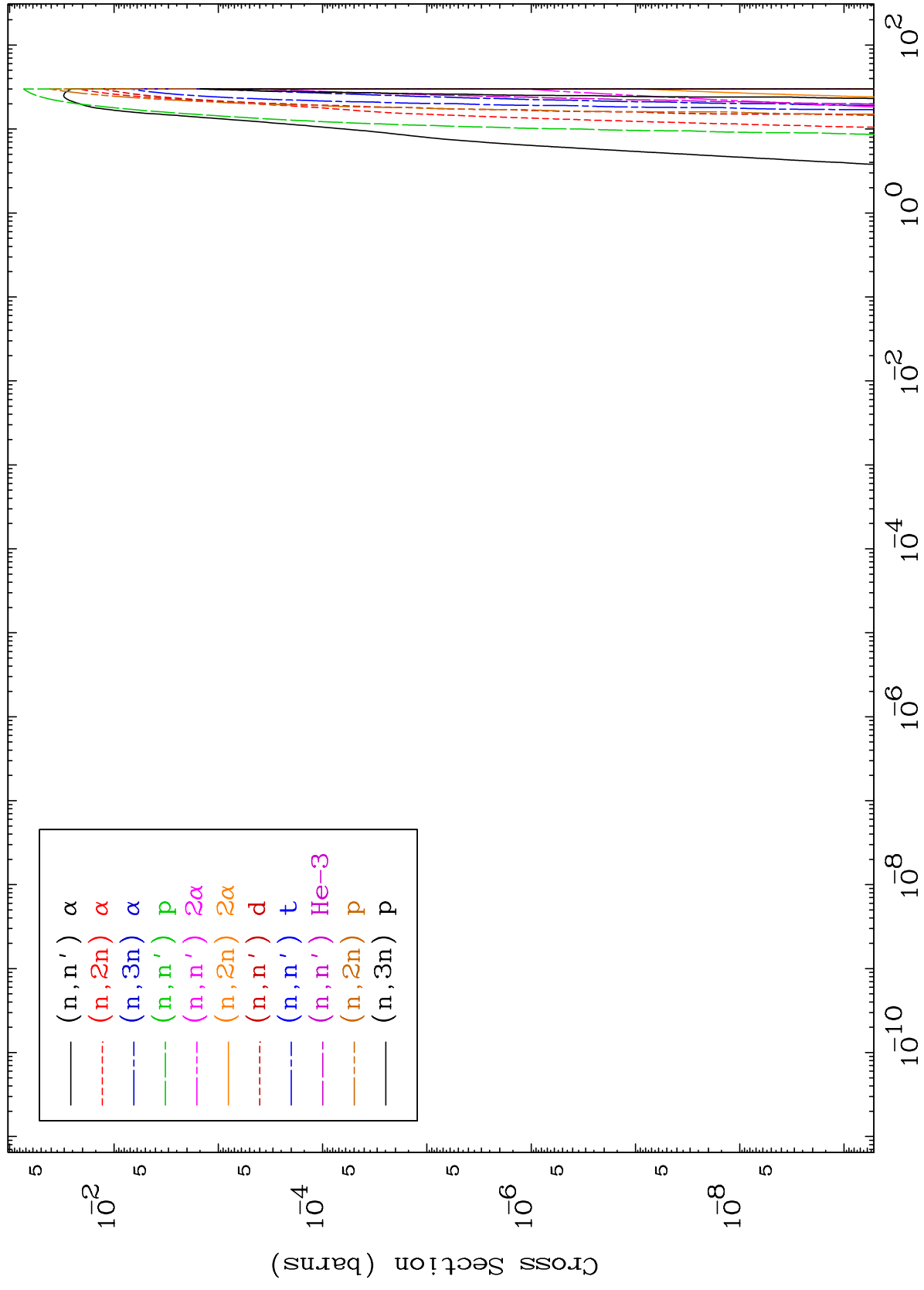


64-Gd-151

MAT 6422

Charged Particle  
293 Kelvin Cross Sections

64-Gd-151

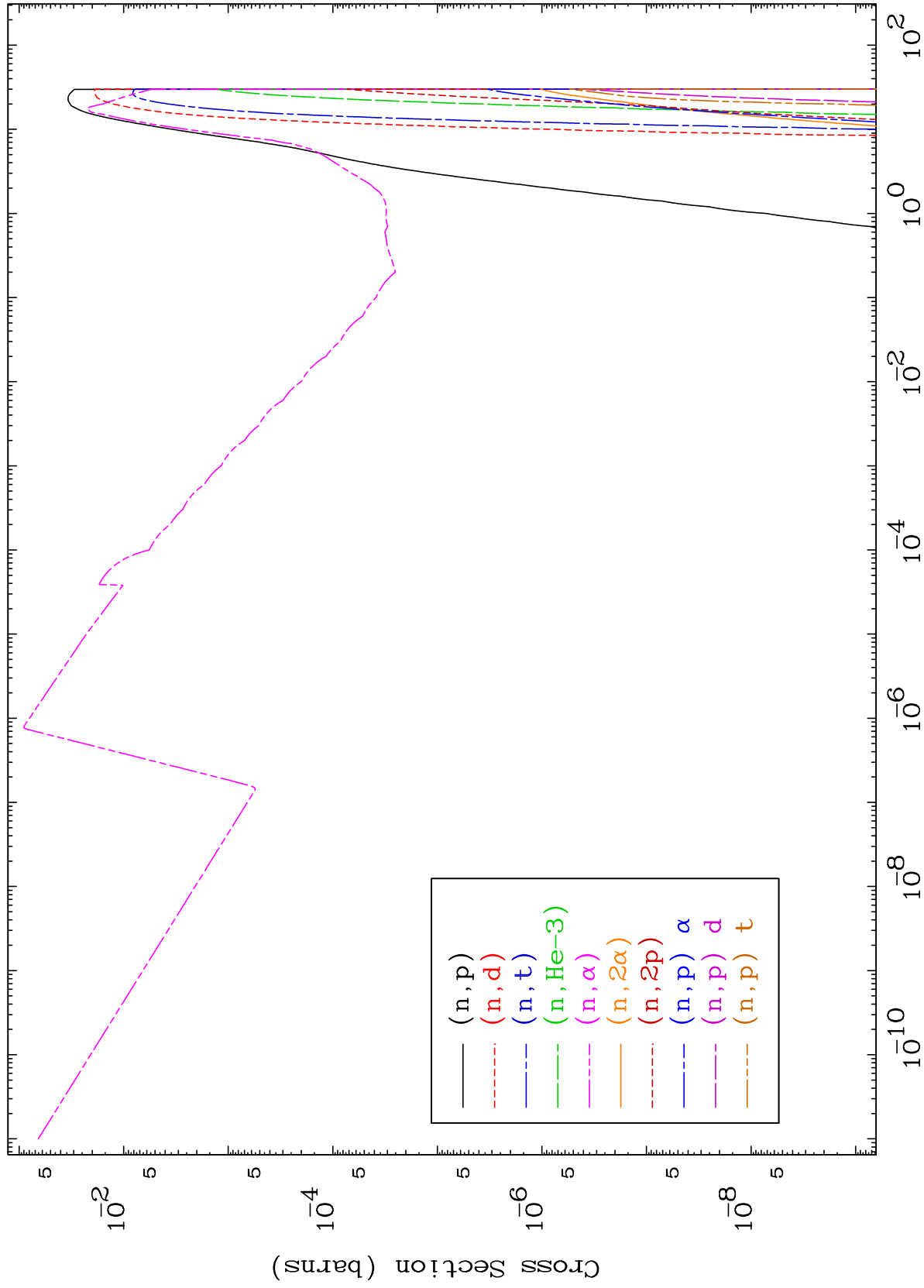


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MAT 6422

Charged Particle  
293 Kelvin Cross Sections

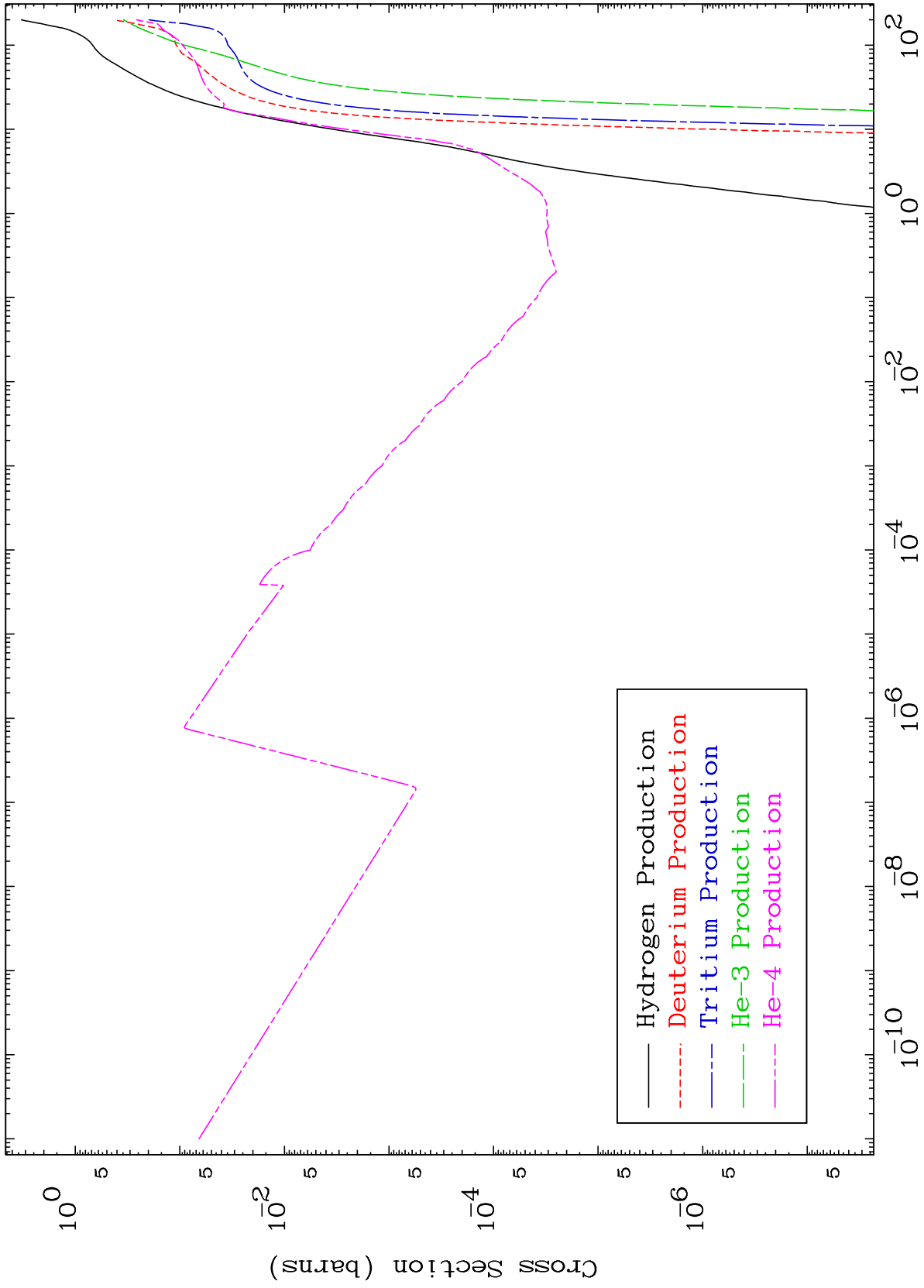
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MAT 6422

Particle Production  
293 Kelvin Cross Sections

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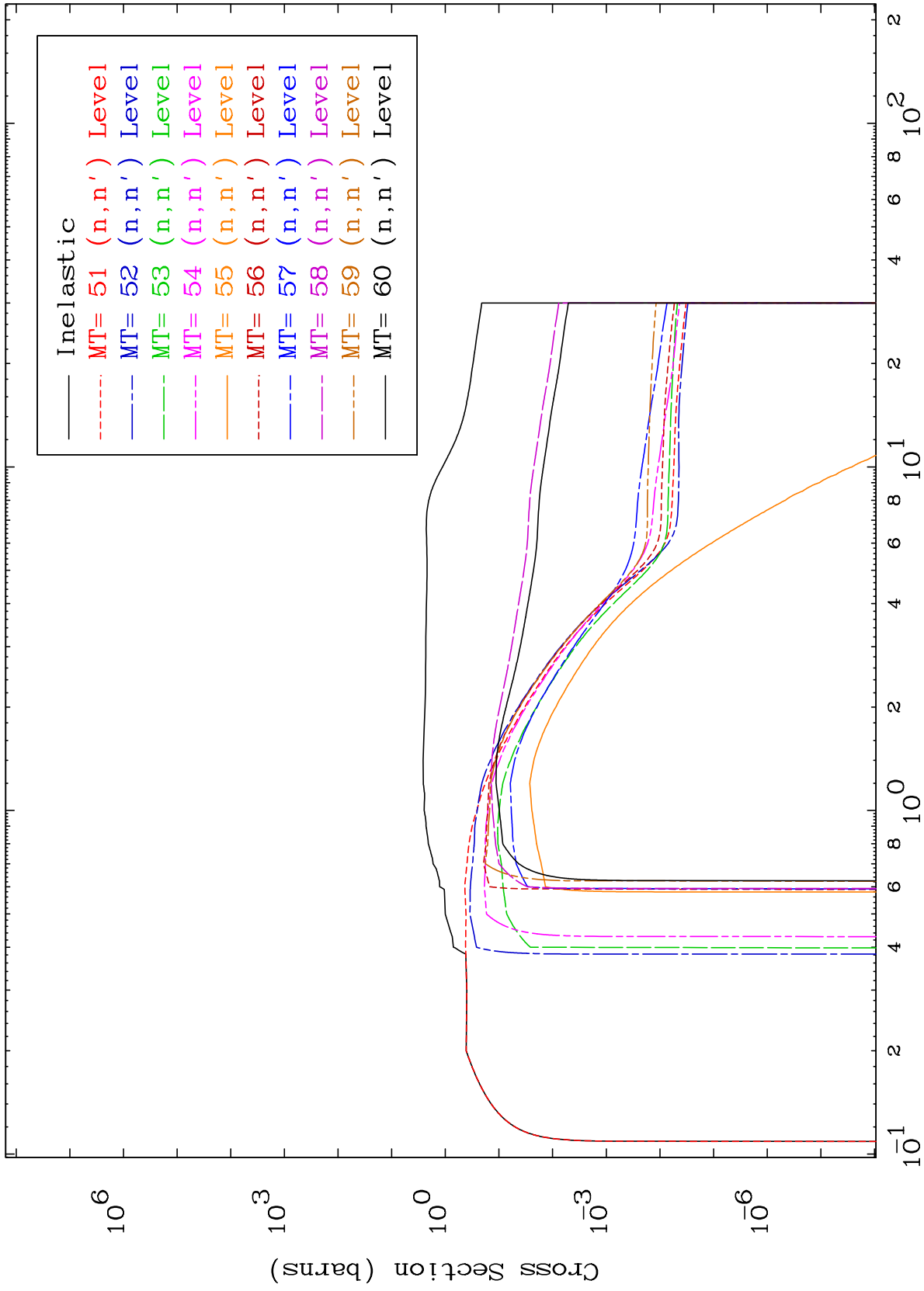


MAT 6422

(n,n') Level

64-Gd-151

293 Kelvin Cross Sections



7

Incident Energy (MeV)

64-Gd-151

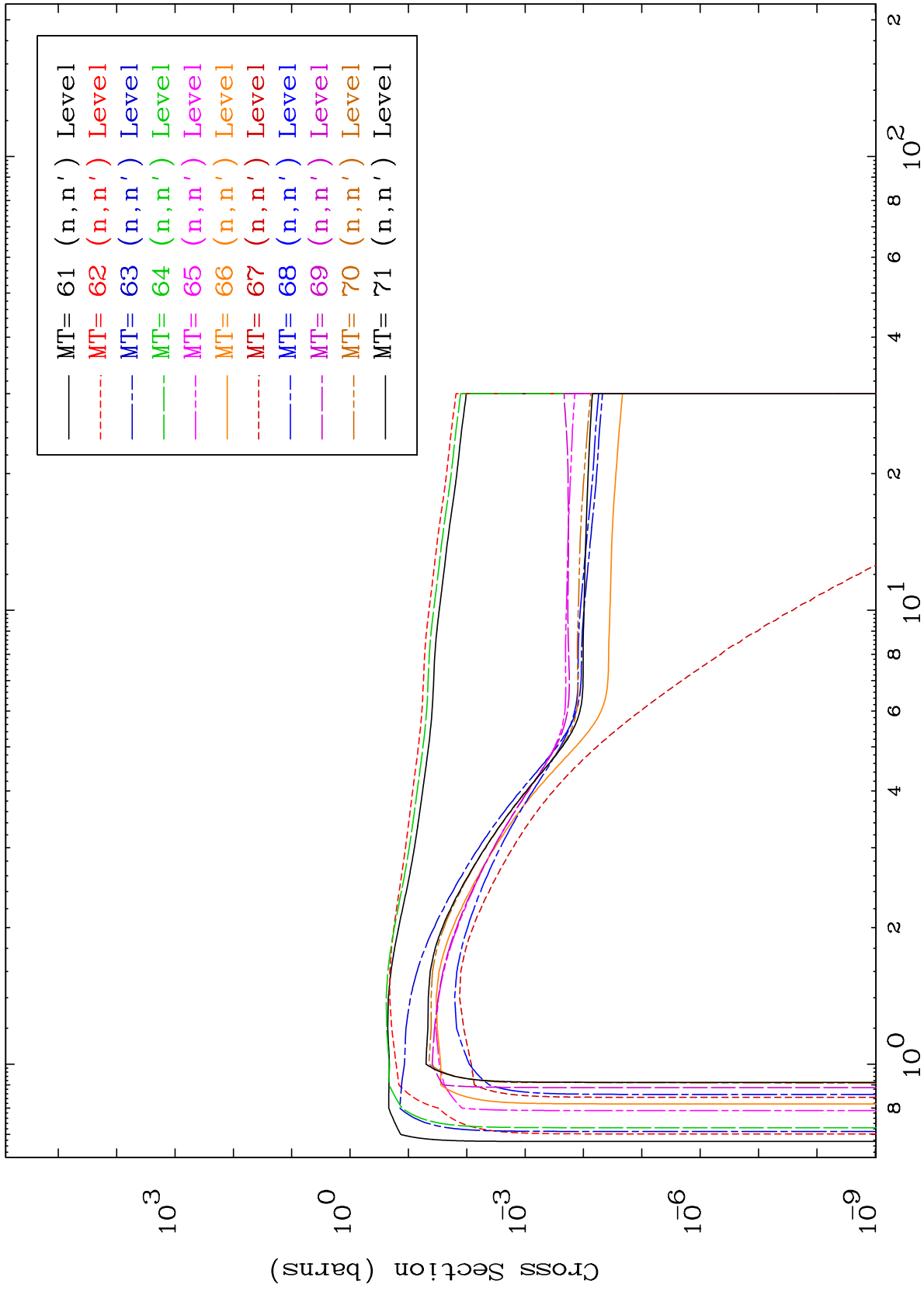


MAT 6422

(n,n') Level

64-Gd-151

293 Kelvin Cross Sections



8

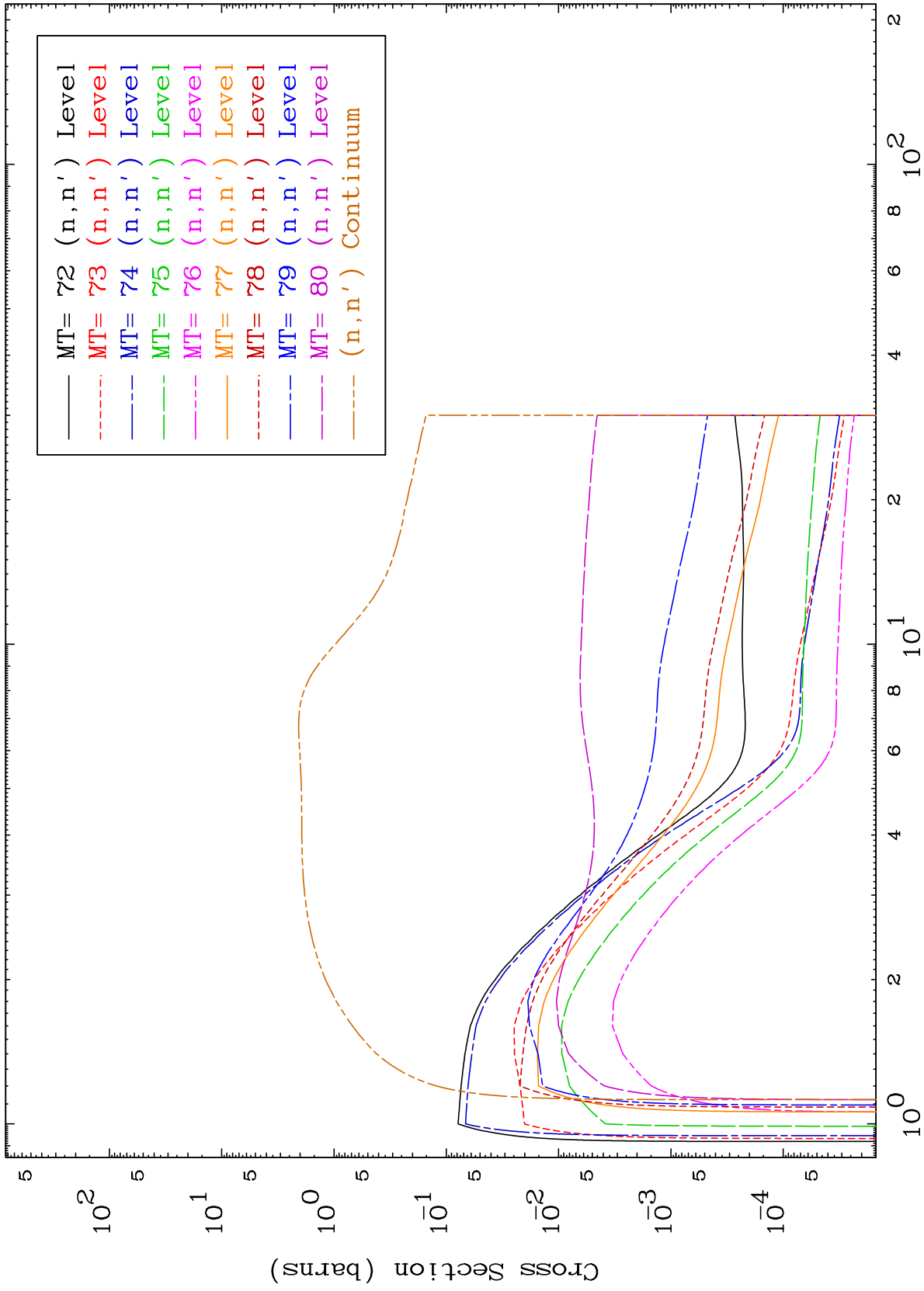
Incident Energy (MeV)

64-Gd-151

MAT 6422

(n,n') Level  
293 Kelvin Cross Sections

64-Gd-151



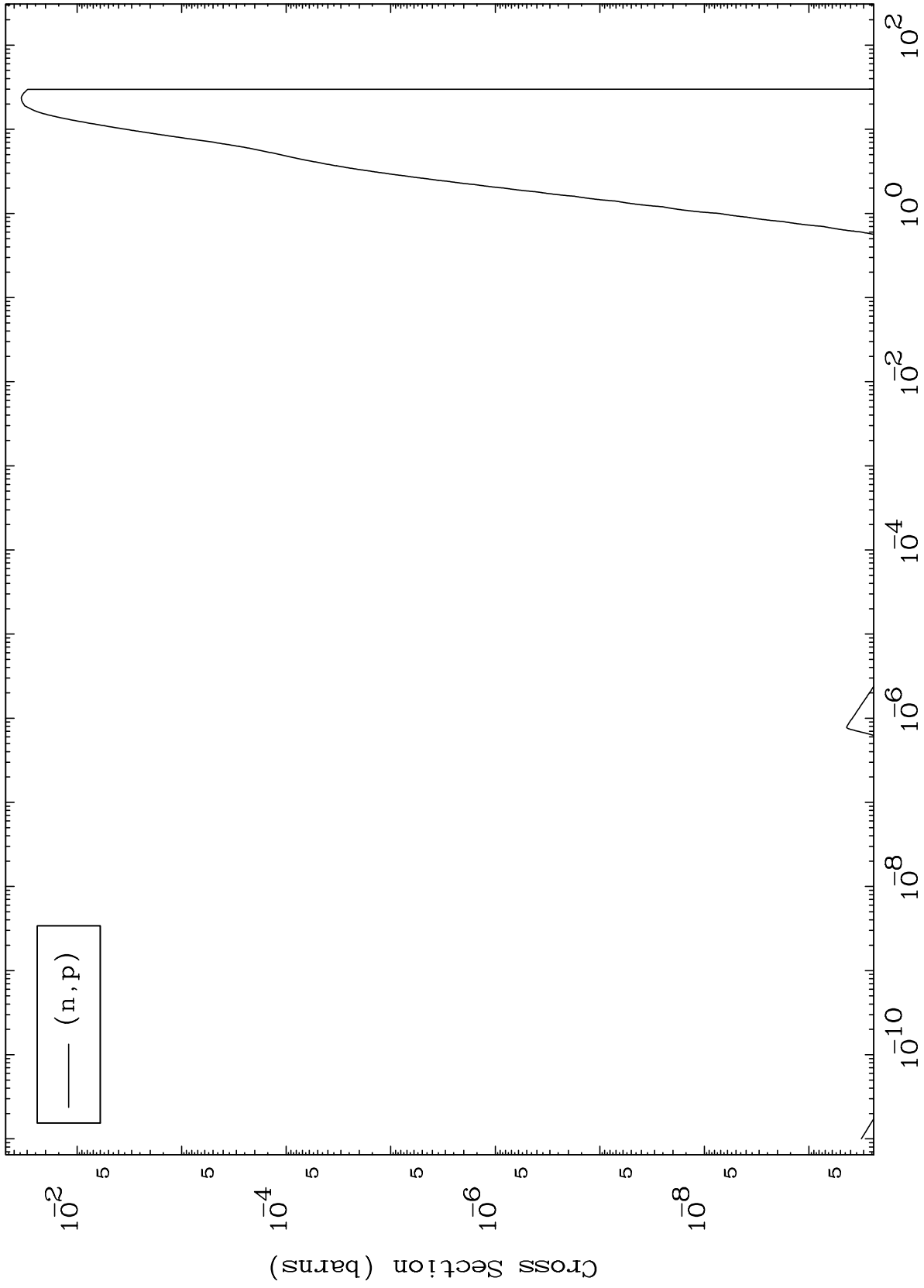
Incident Energy (MeV)

64-Gd-151

MAT 6422

(n,p) Levels  
293 Kelvin Cross Sections

64-Gd-151



10

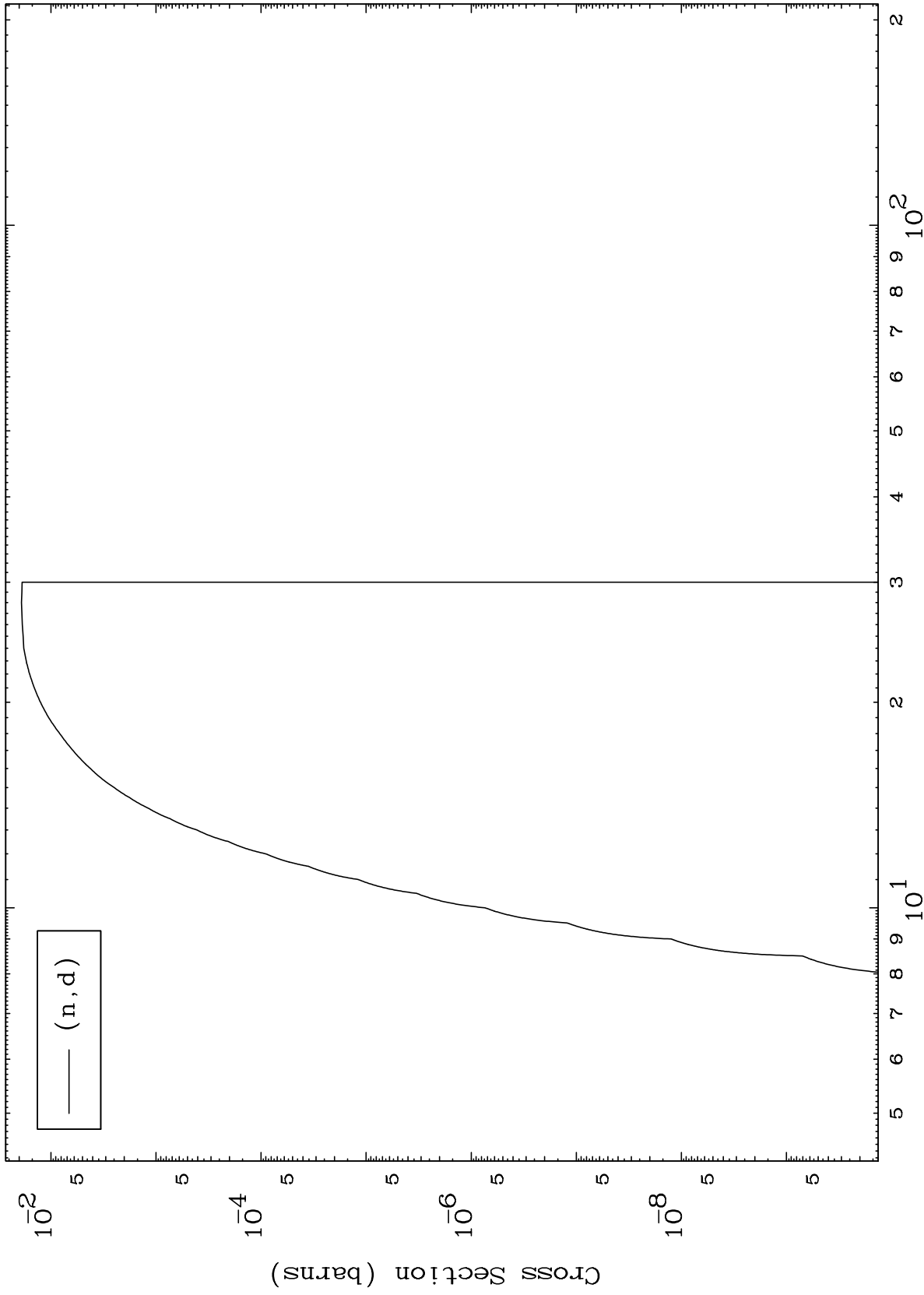
Incident Energy (MeV)

64-Gd-151

MAT 6422

(n,d) Levels  
293 Kelvin Cross Sections

64-Gd-151



11

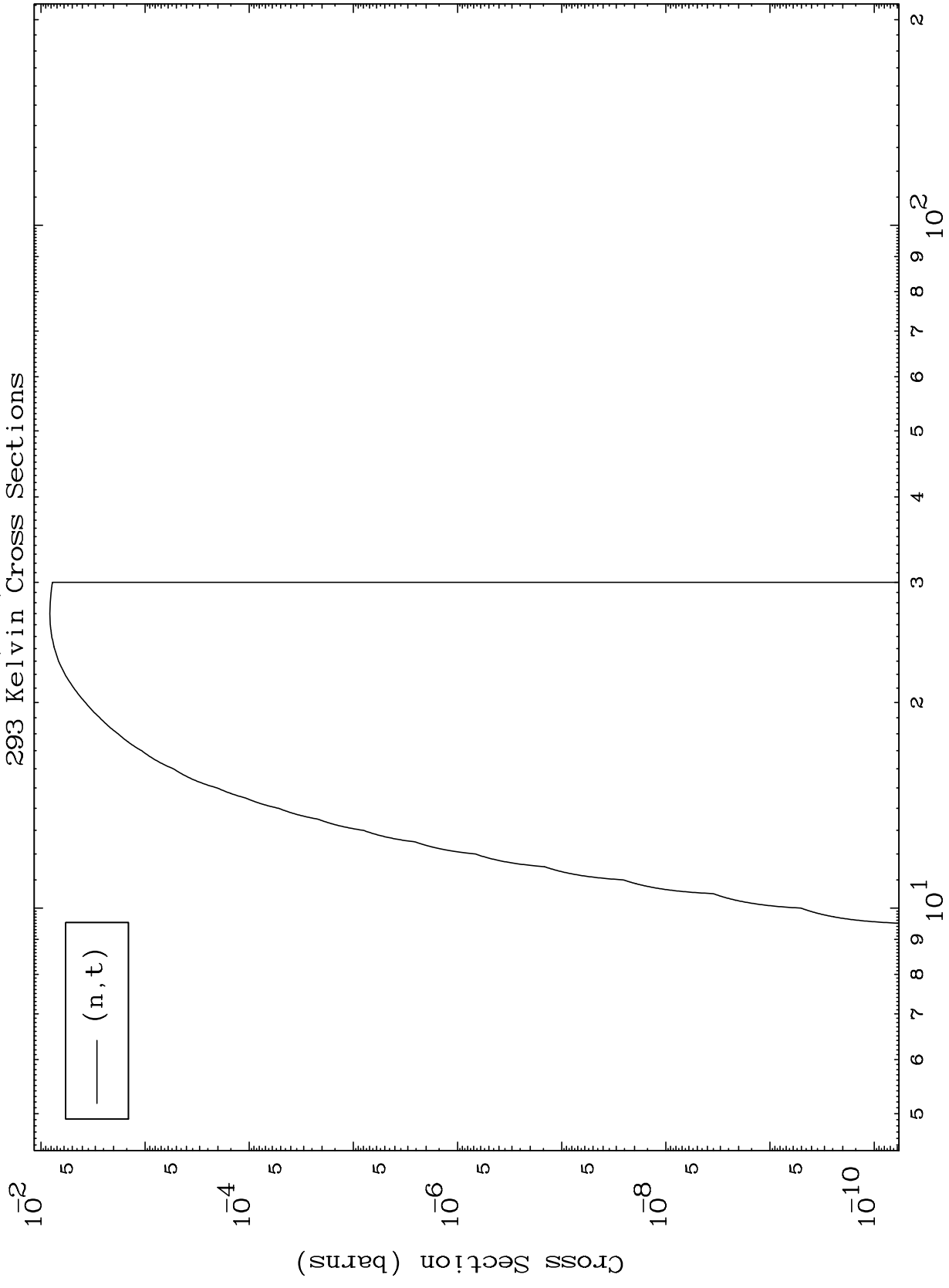
Incident Energy (MeV)

64-Gd-151

MAT 6422

64-Gd-151

(n,t) Levels  
293 Kelvin Cross Sections



12

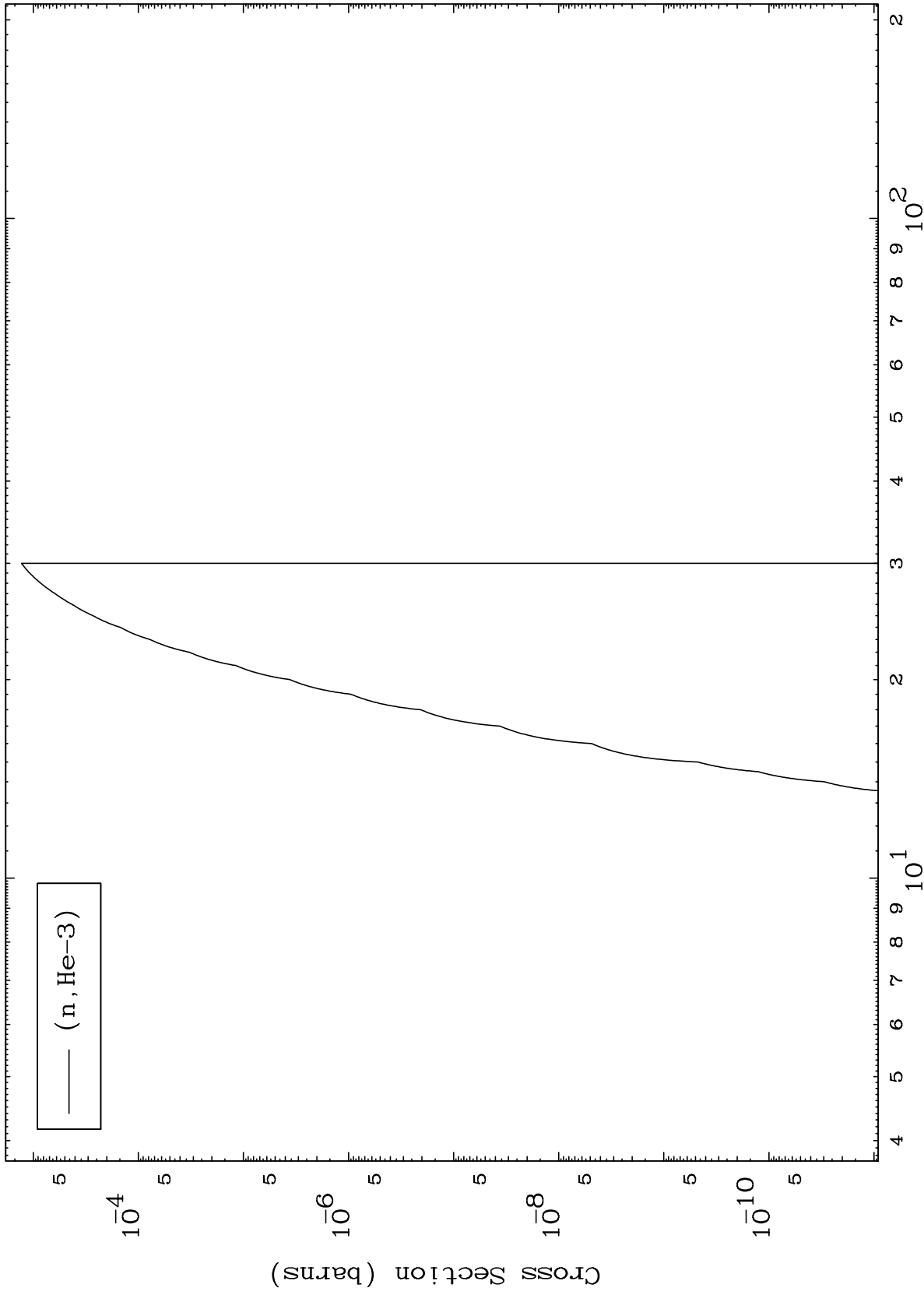
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Incident Energy (MeV)

MAT 6422

(n,He3) Levels  
293 Kelvin Cross Sections

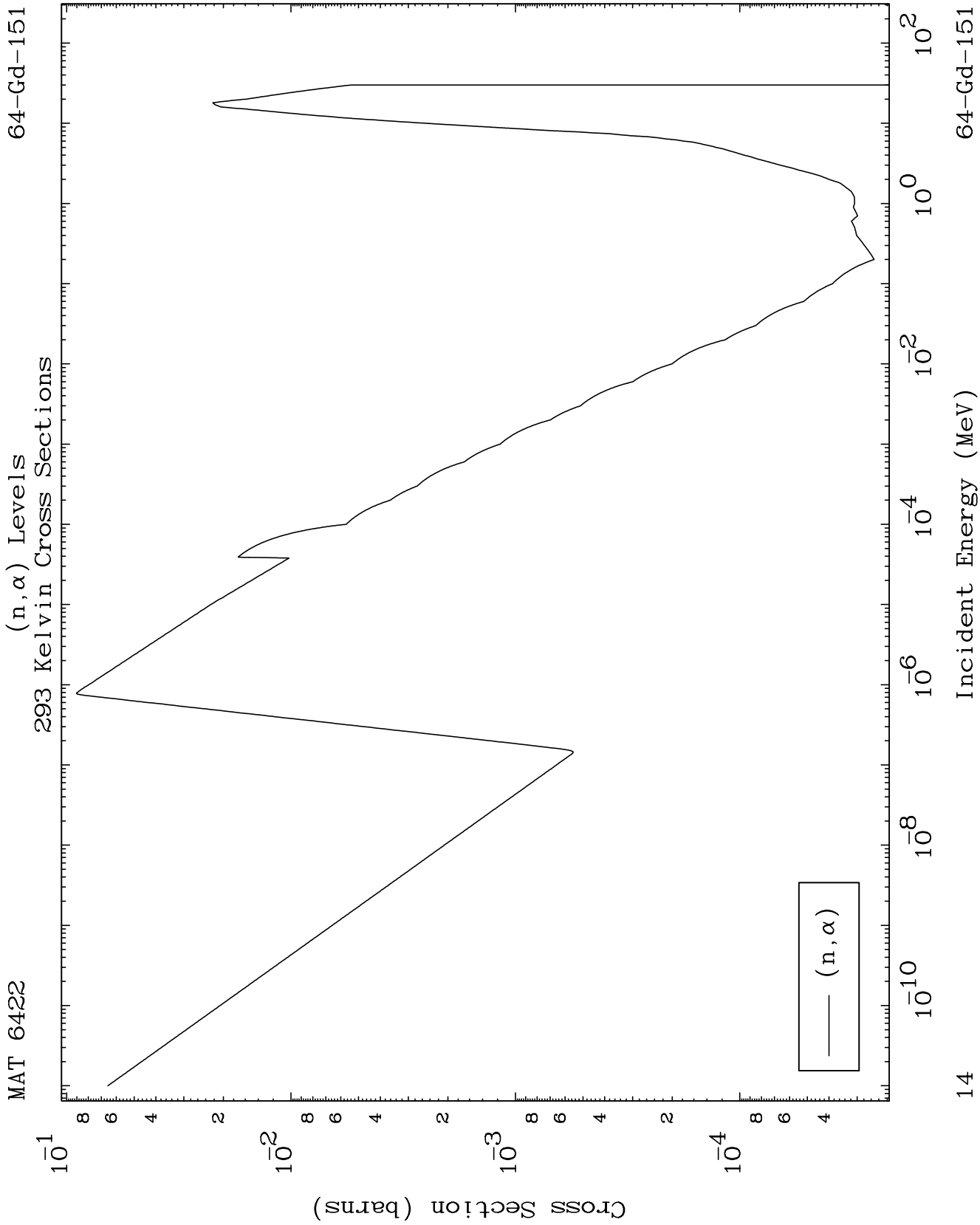
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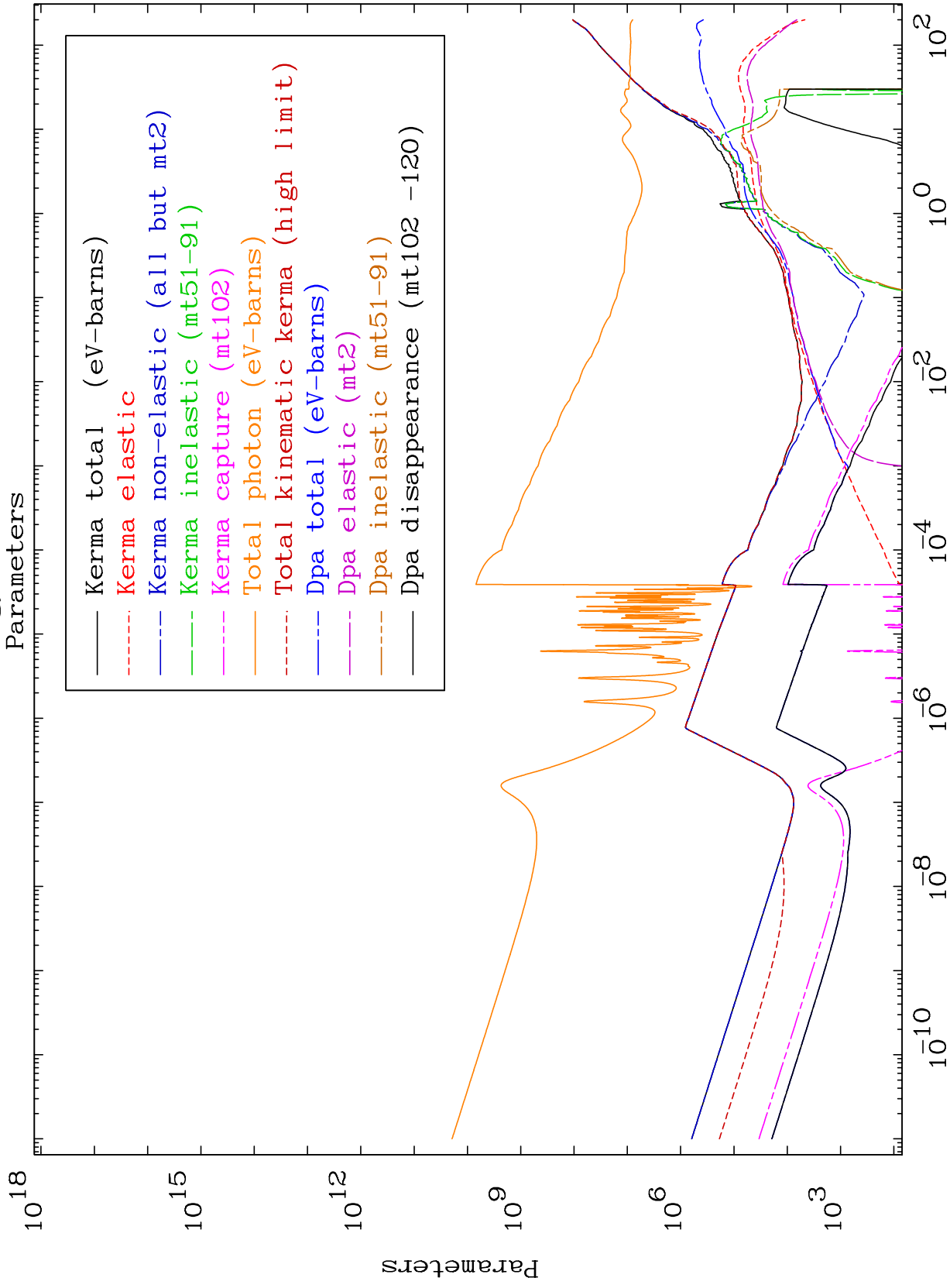


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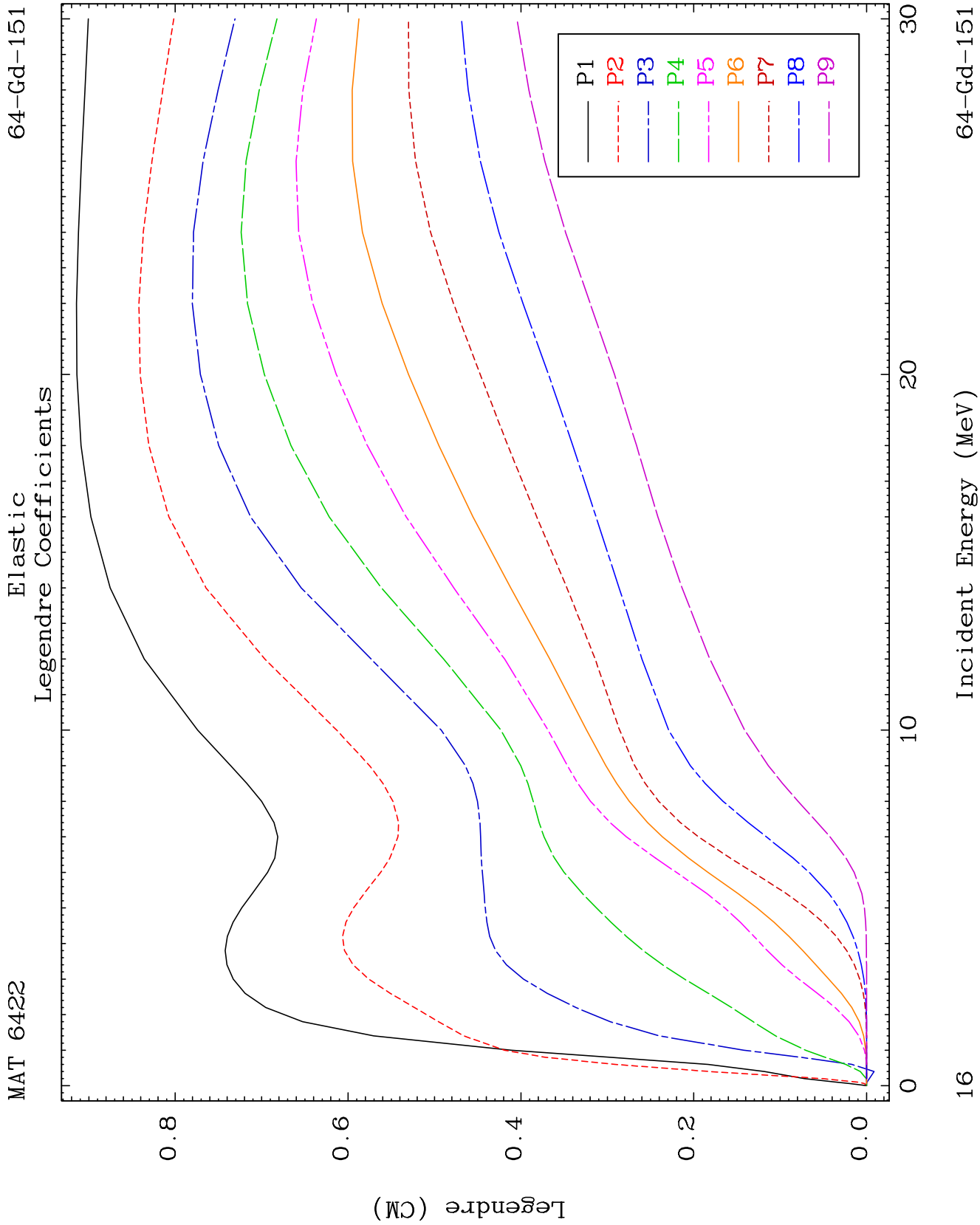
Incident Energy (MeV)

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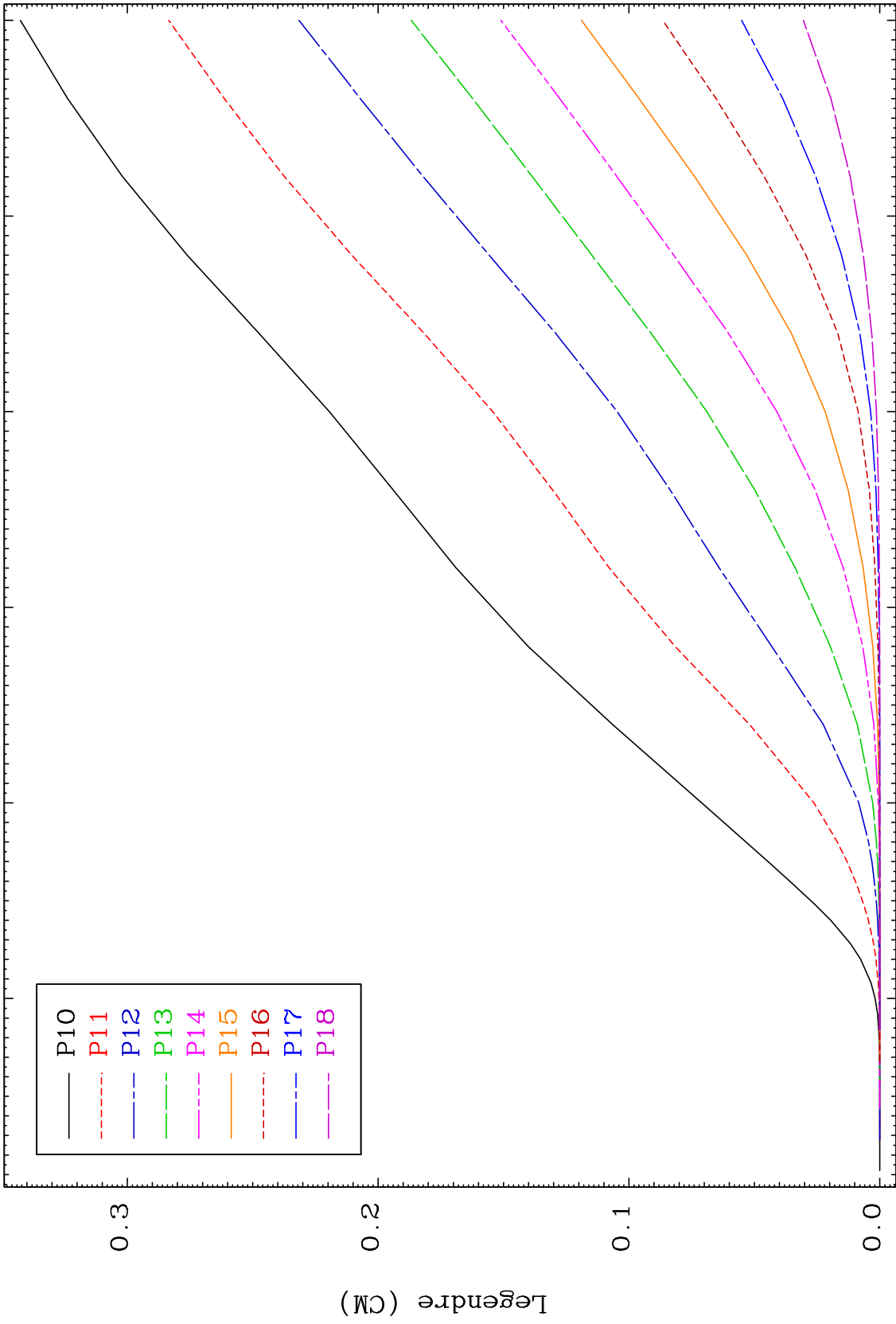




MAT 6422

Elastic Legendre Coefficients

64-Gd-151



17

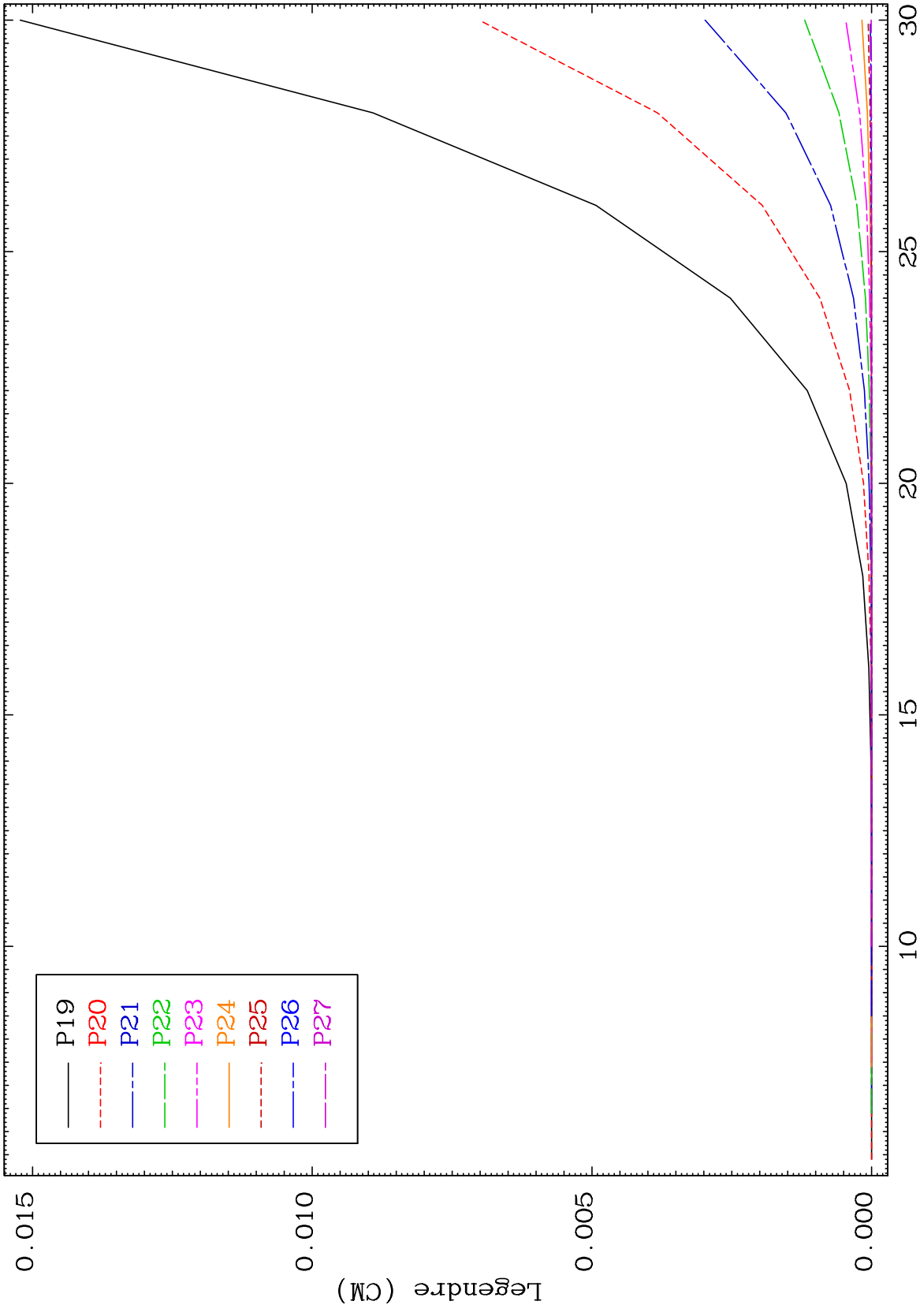
Incident Energy (MeV)

64-Gd-151

MAT 6422

Elastic Legendre Coefficients

64-Gd-151



18

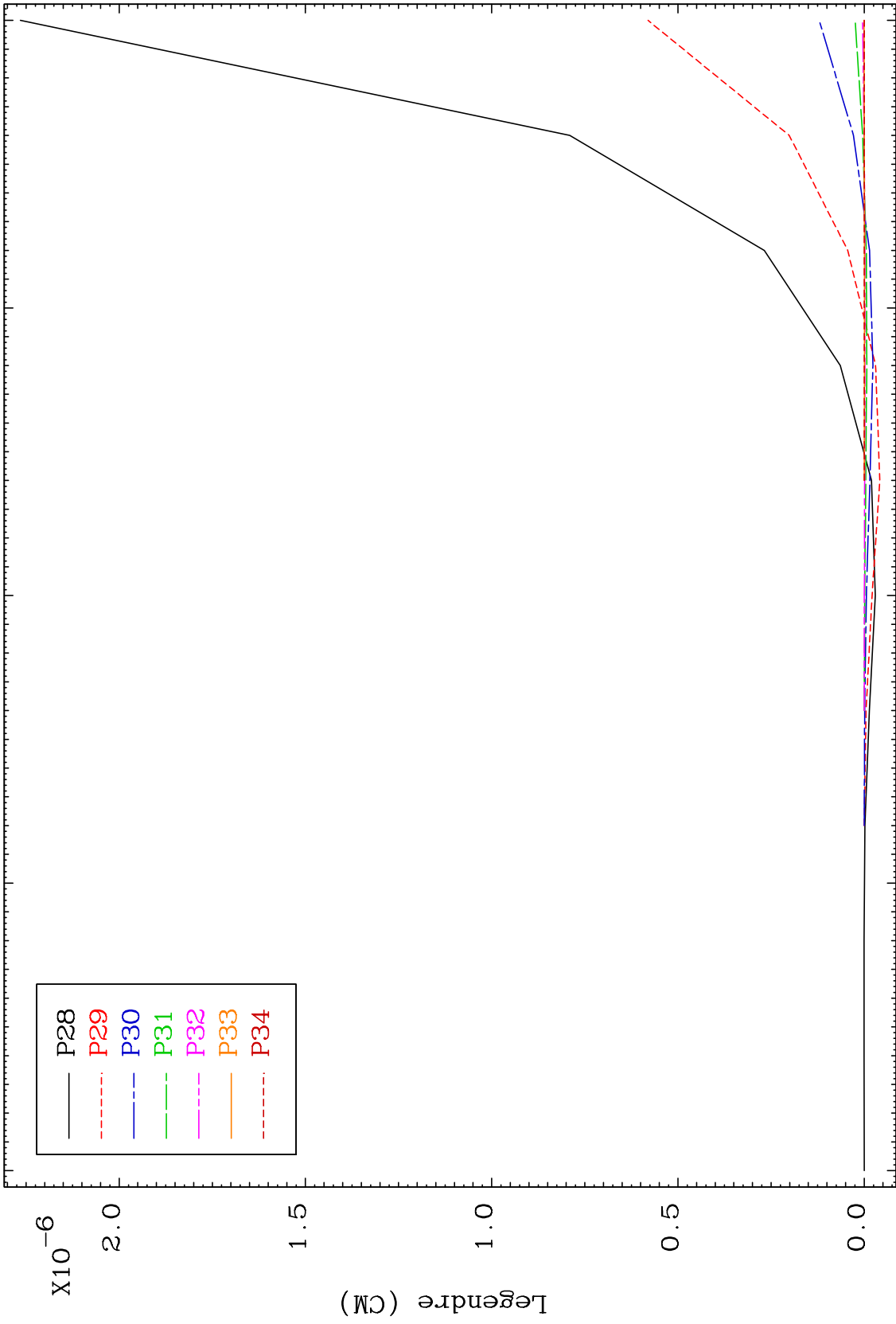
Incident Energy (MeV)

64-Gd-151

MAT 6422

Elastic Legendre Coefficients

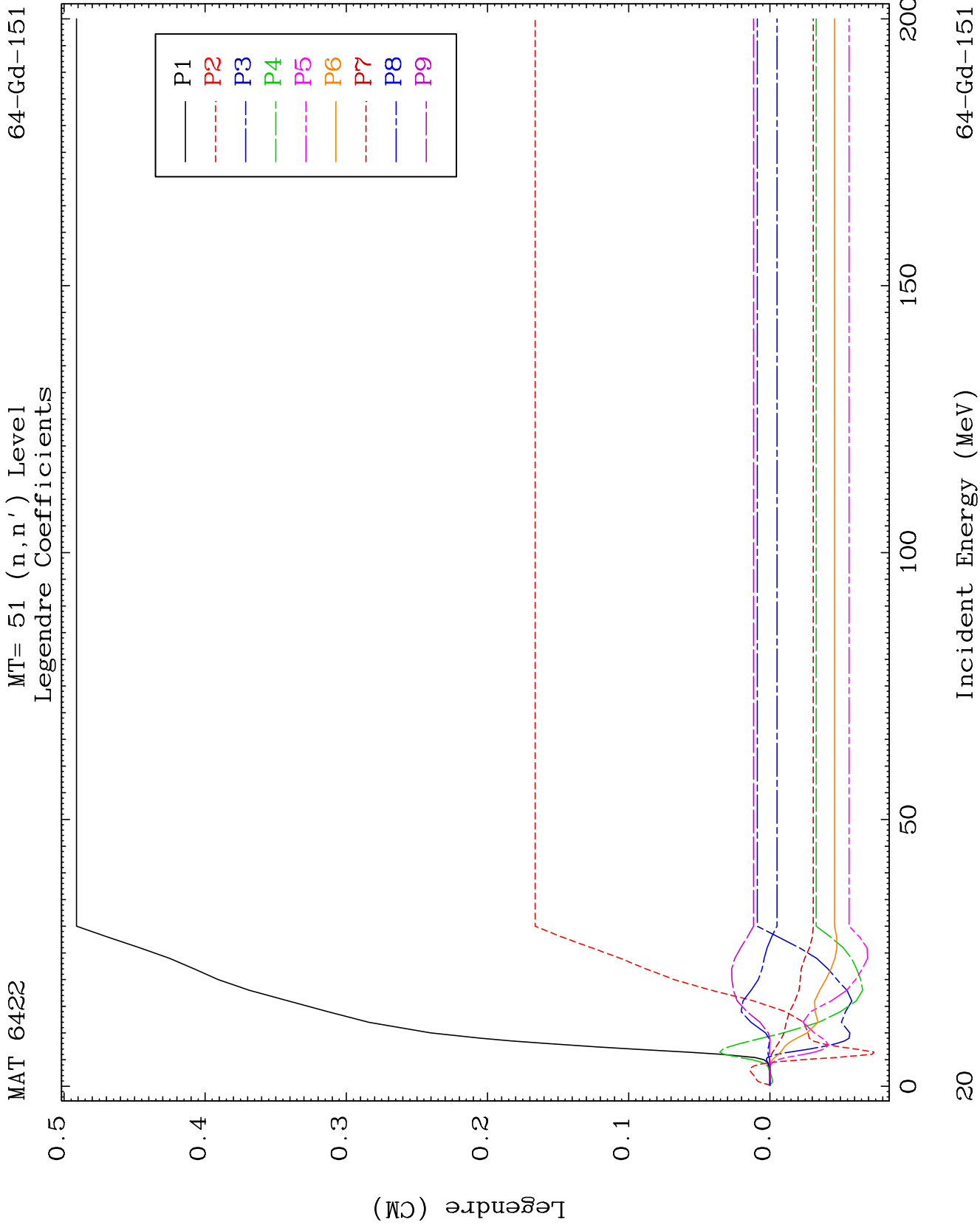
64-Gd-151



19

Incident Energy (MeV)

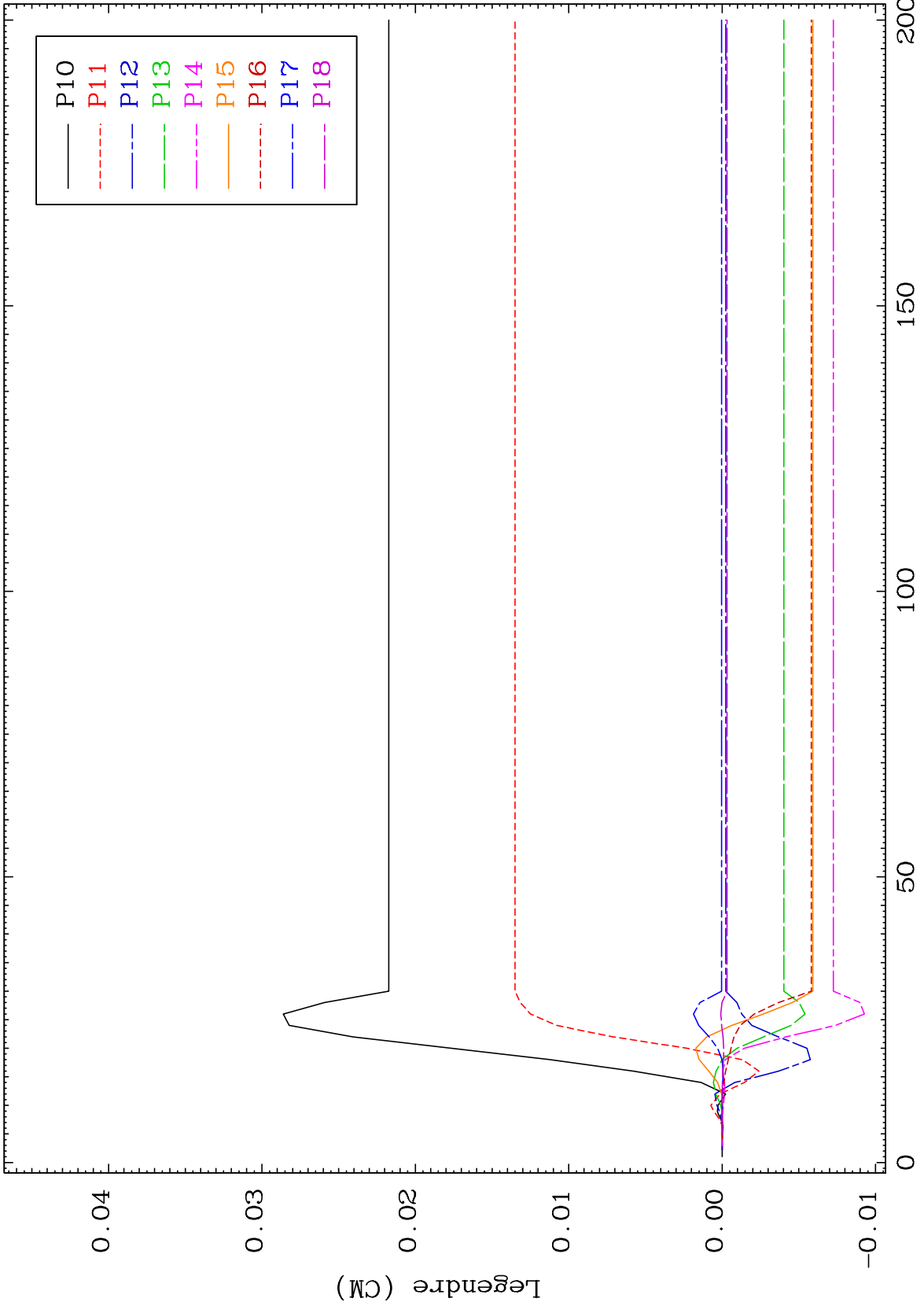
64-Gd-151



MAT 6422

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

64-Gd-151



21

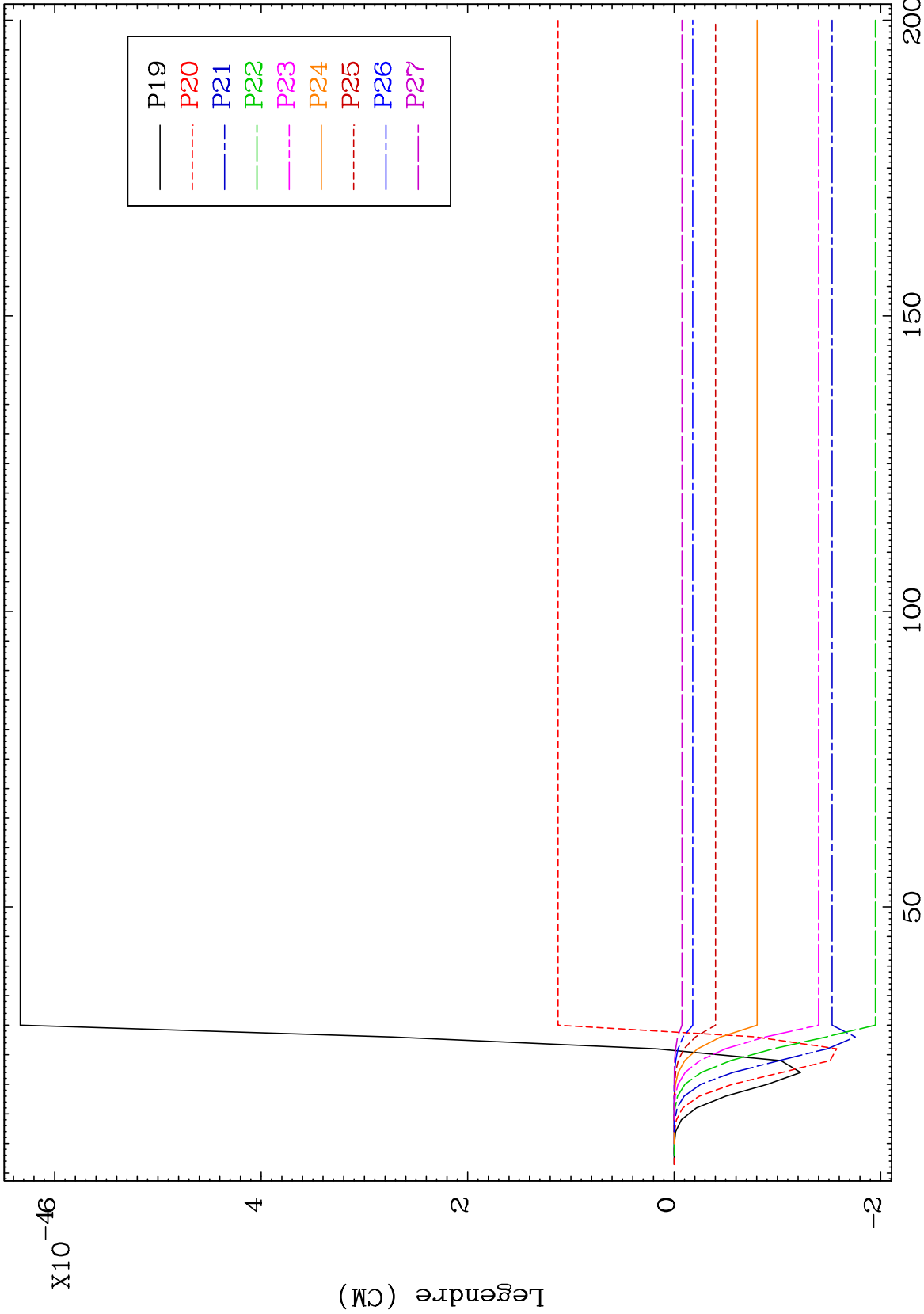
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



22

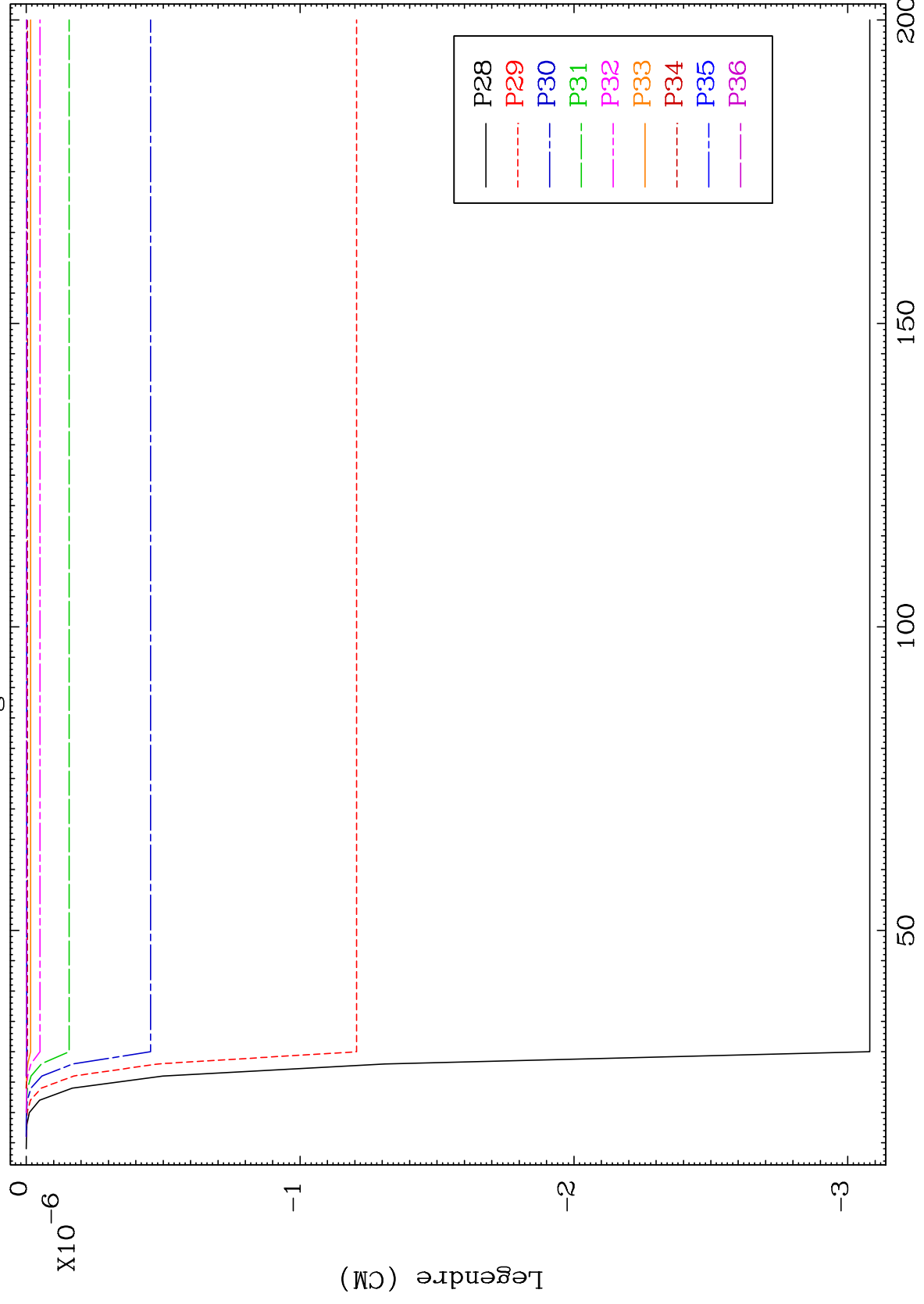
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



64-Gd-151

Incident Energy (MeV)

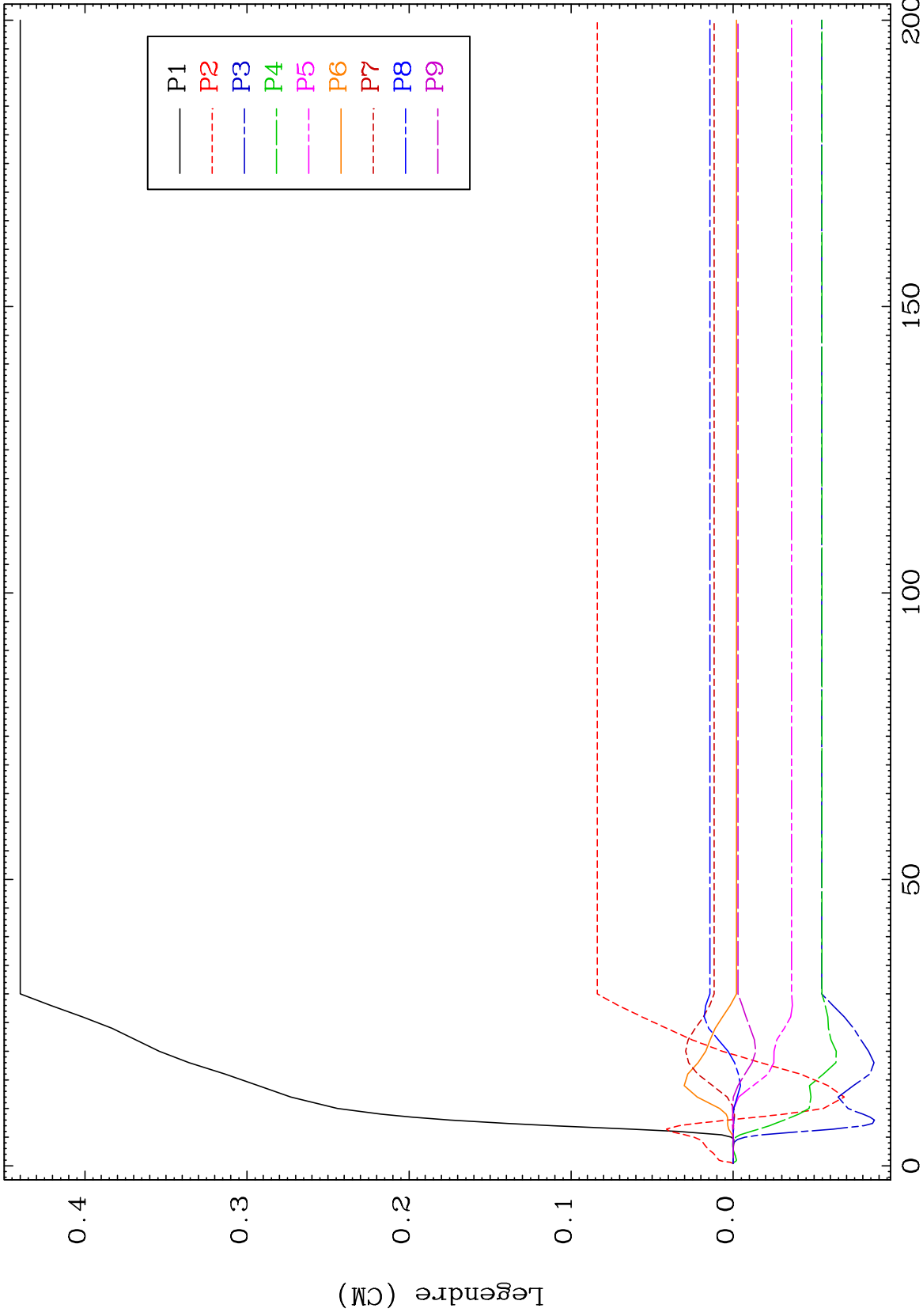
23



MAT 6422

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

64-Gd-151



24

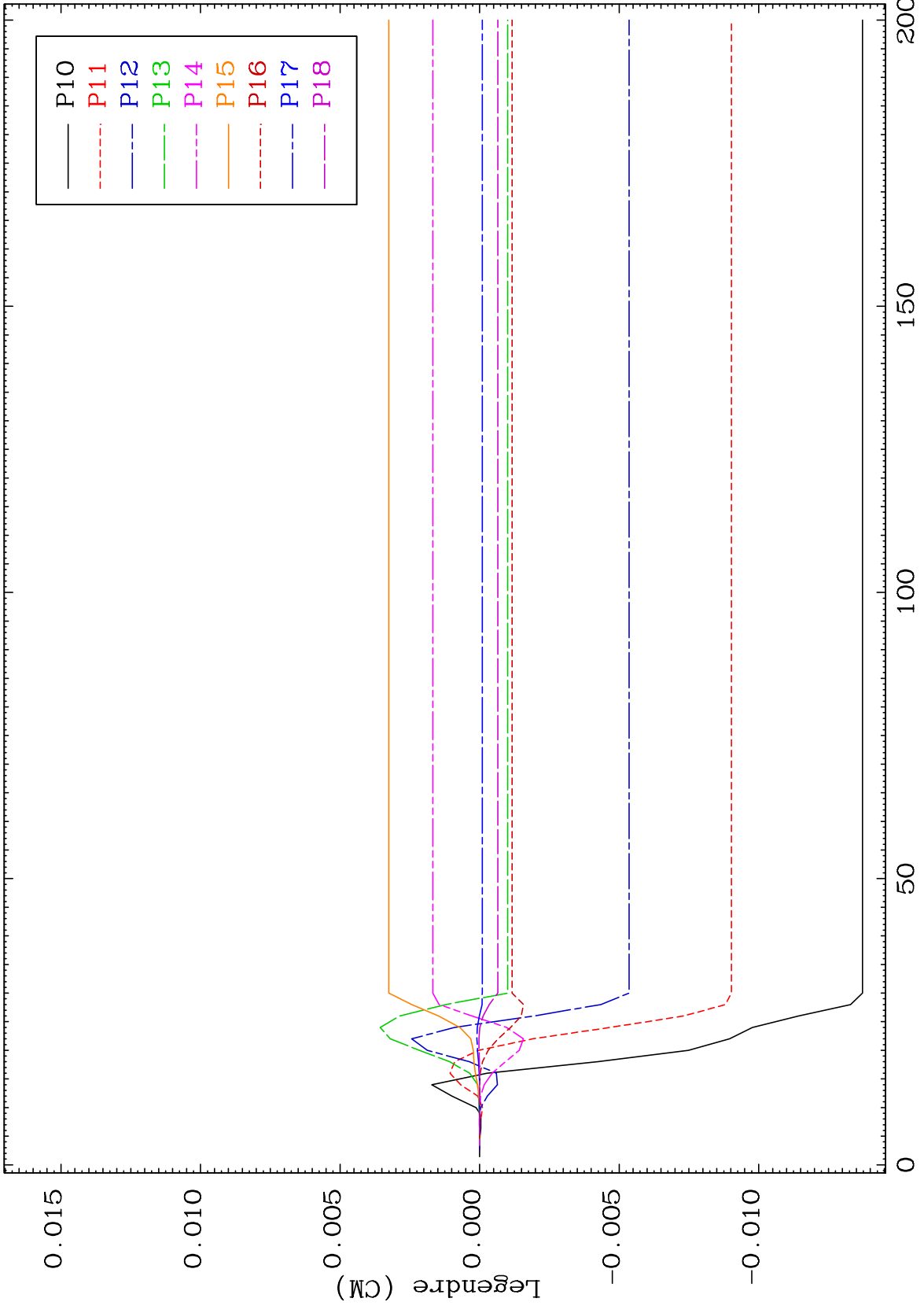
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



25

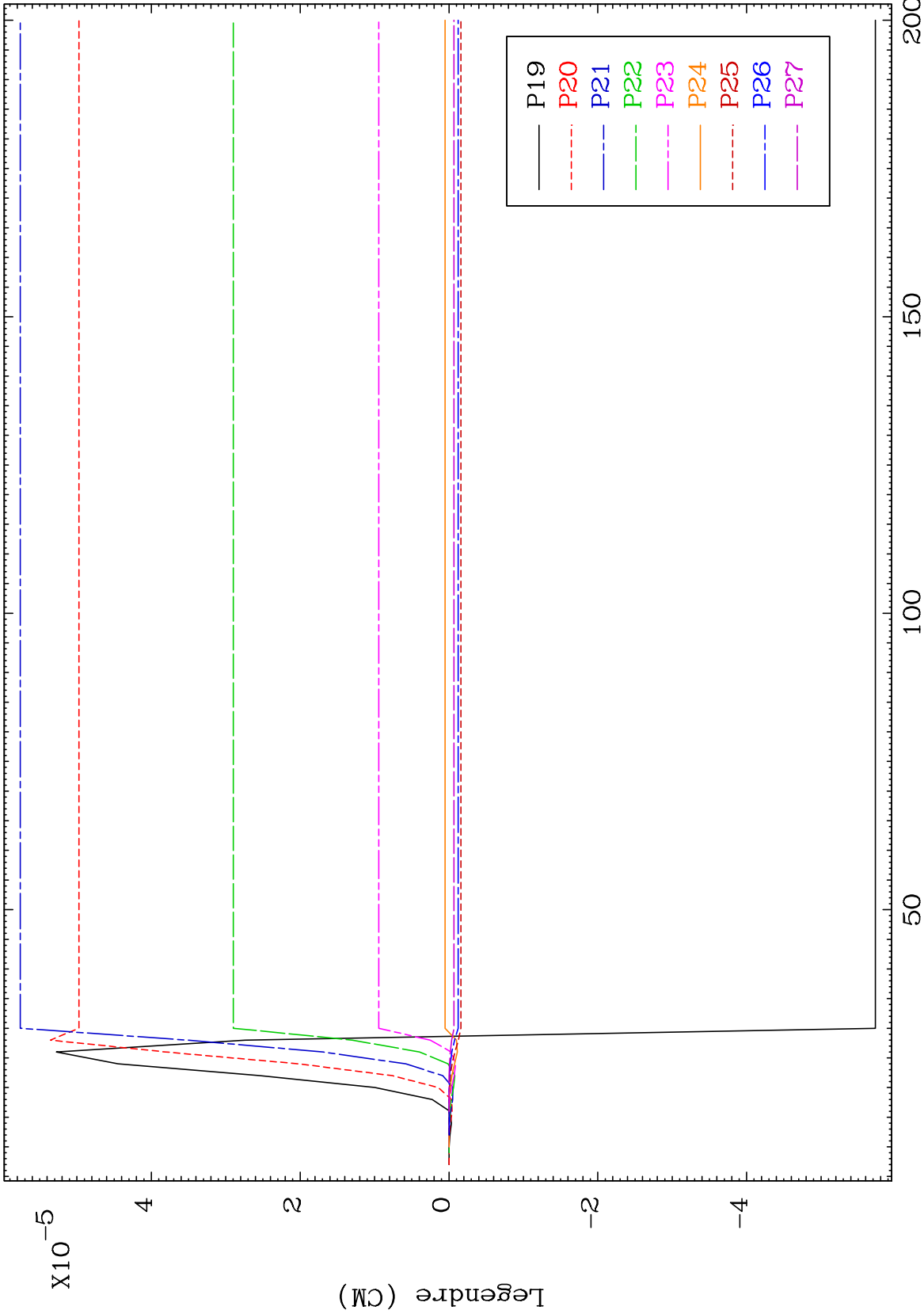
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



26

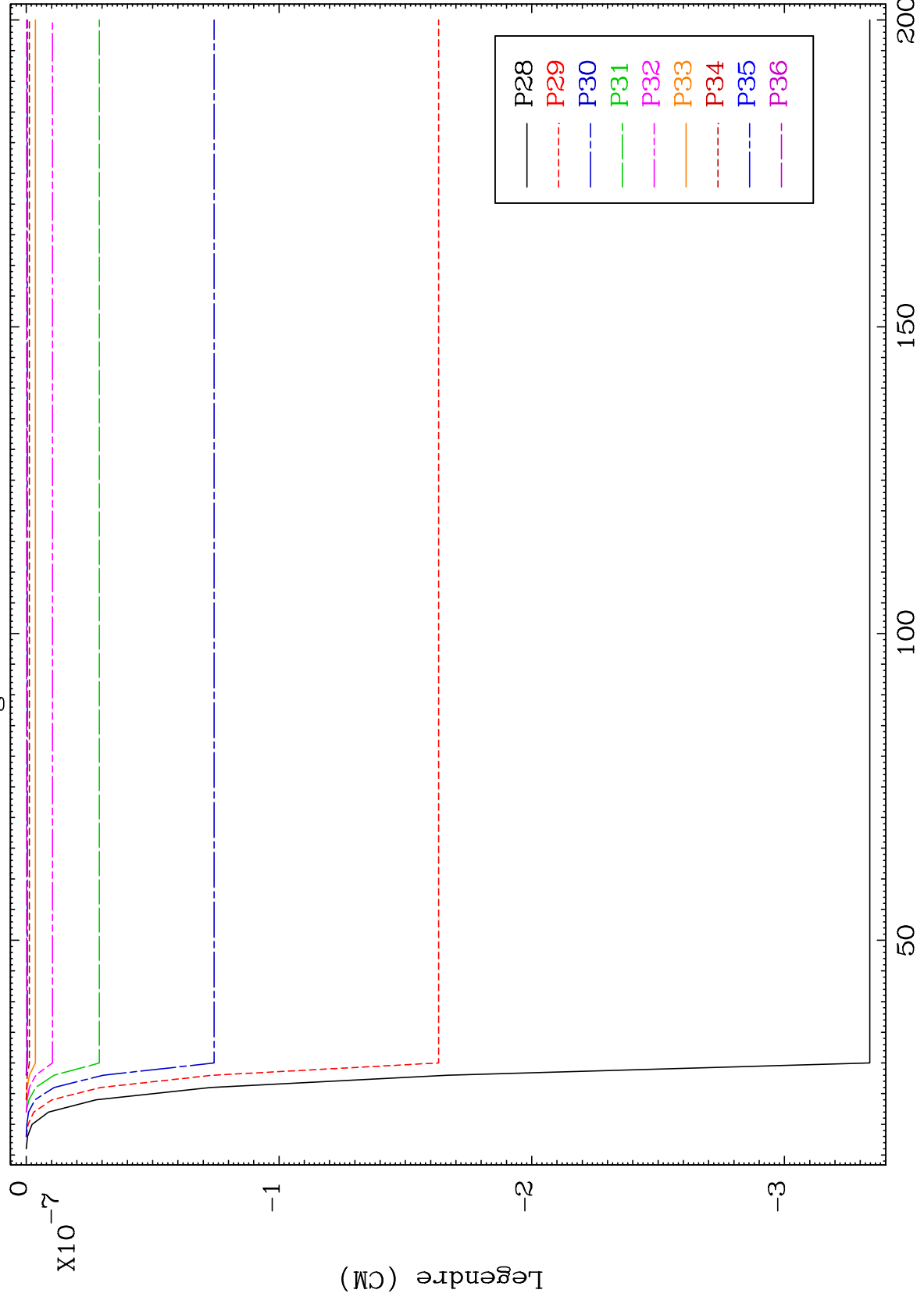
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



64-Gd-151

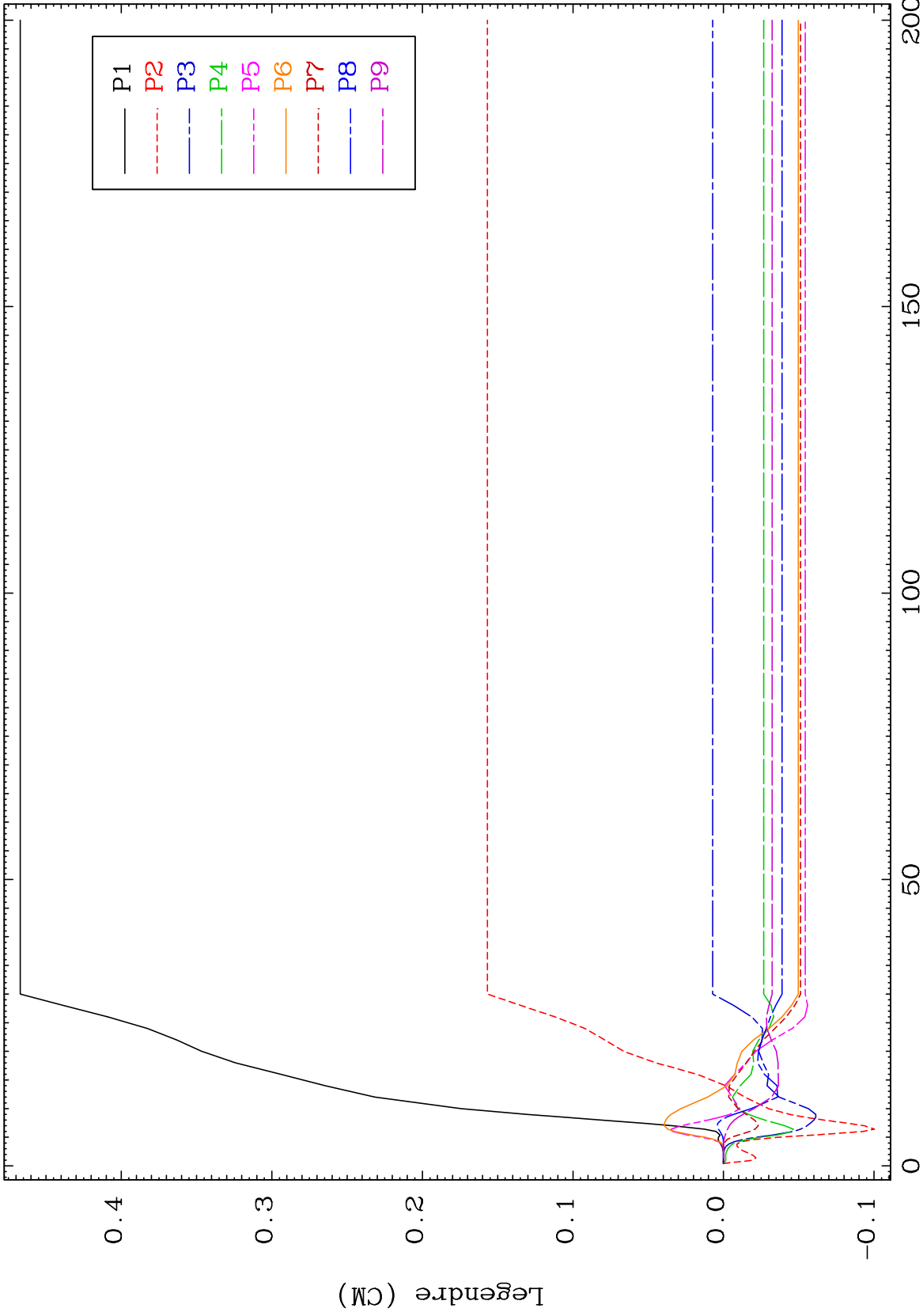
Incident Energy (MeV)

27

MAT 6422

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

64-Gd-151



28

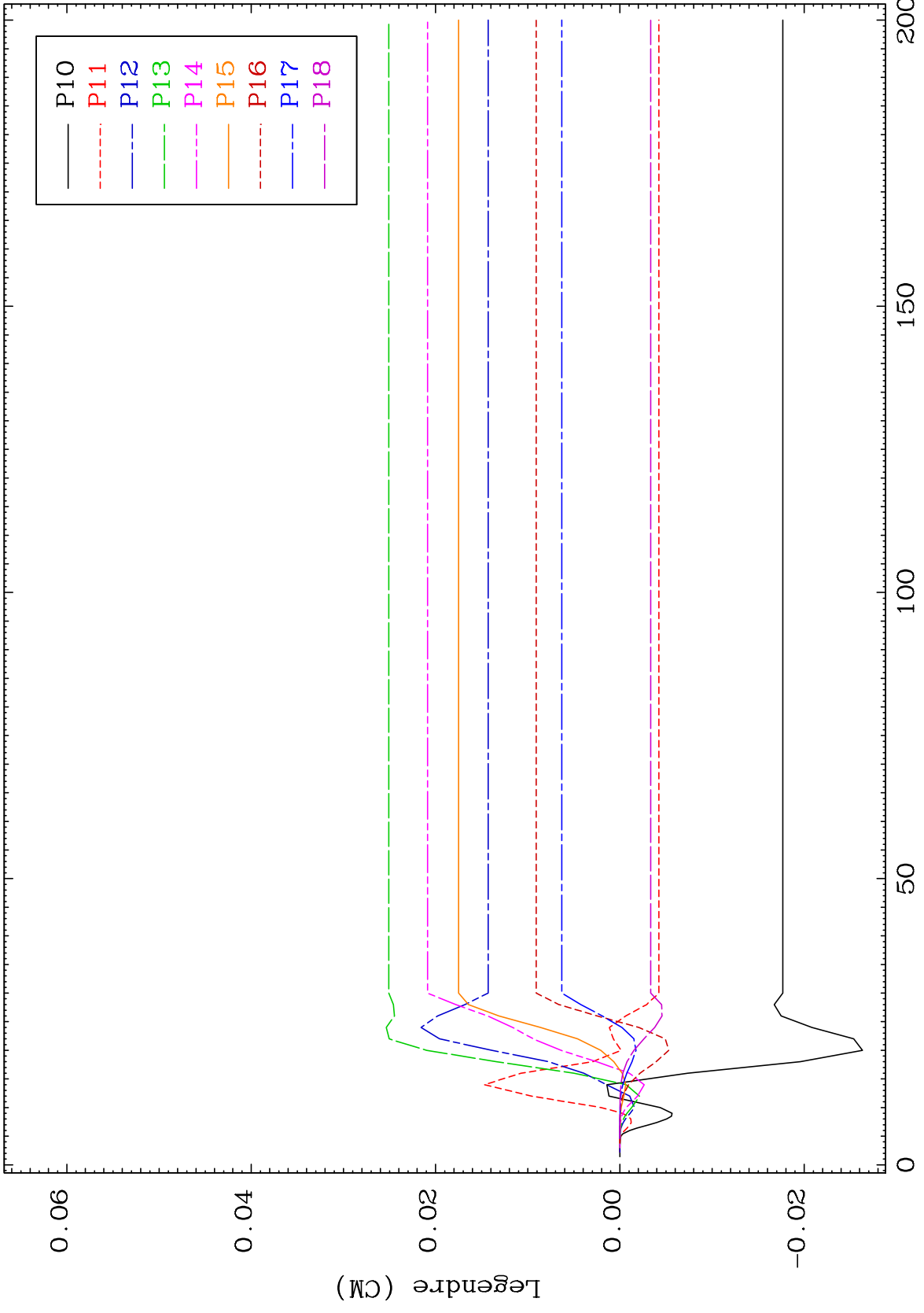
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



29

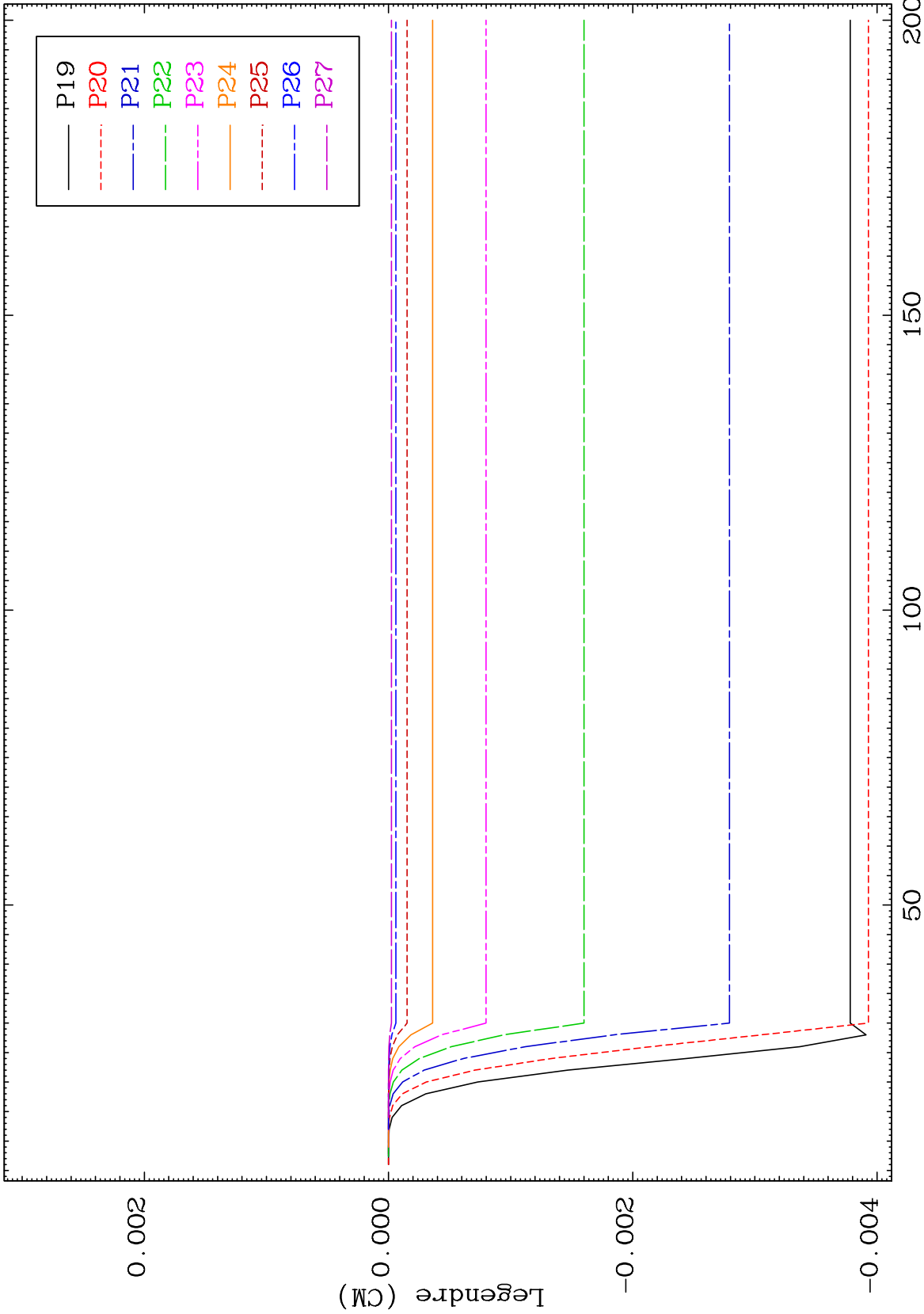
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

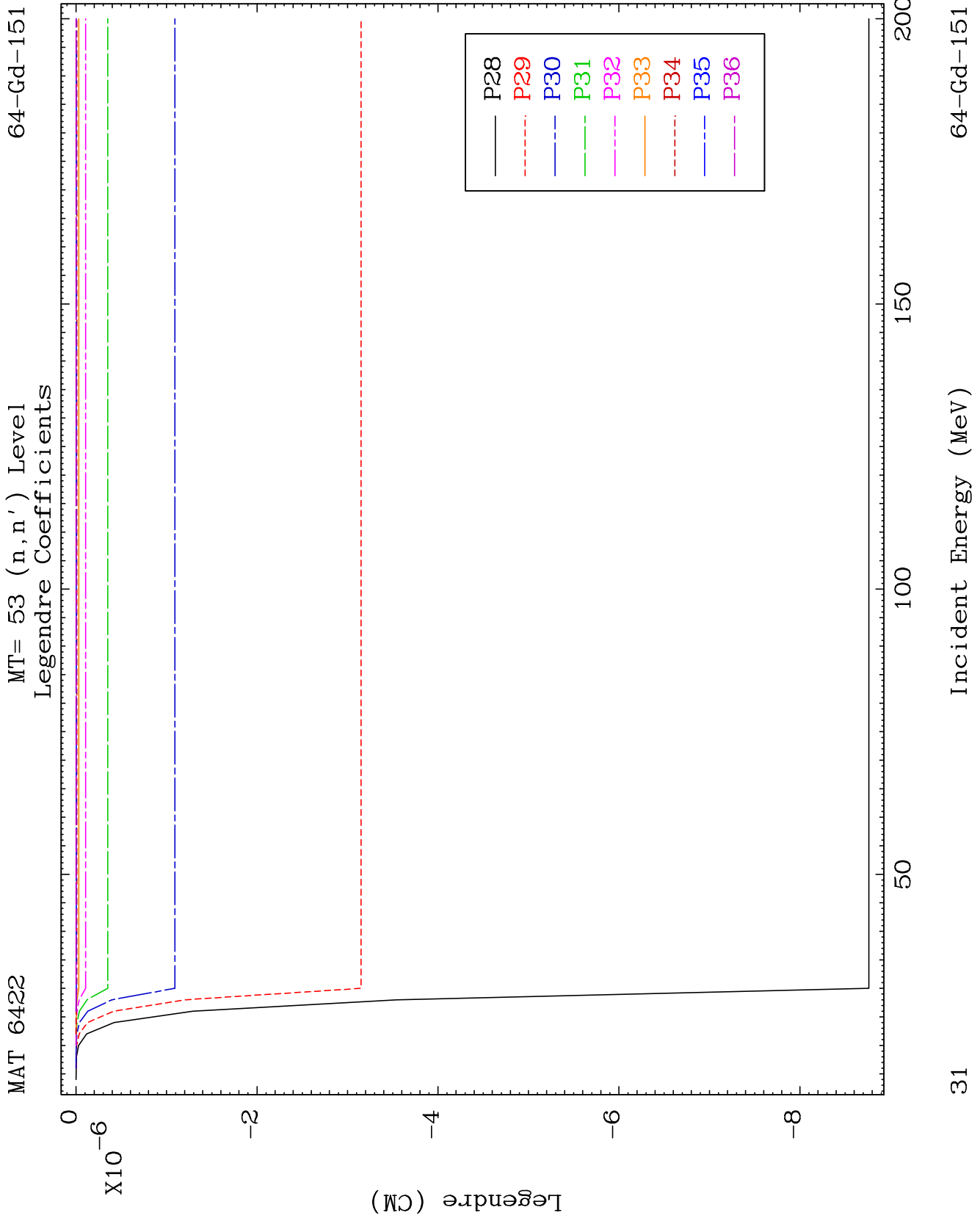
64-Gd-151



30

Incident Energy (MeV)

64-Gd-151

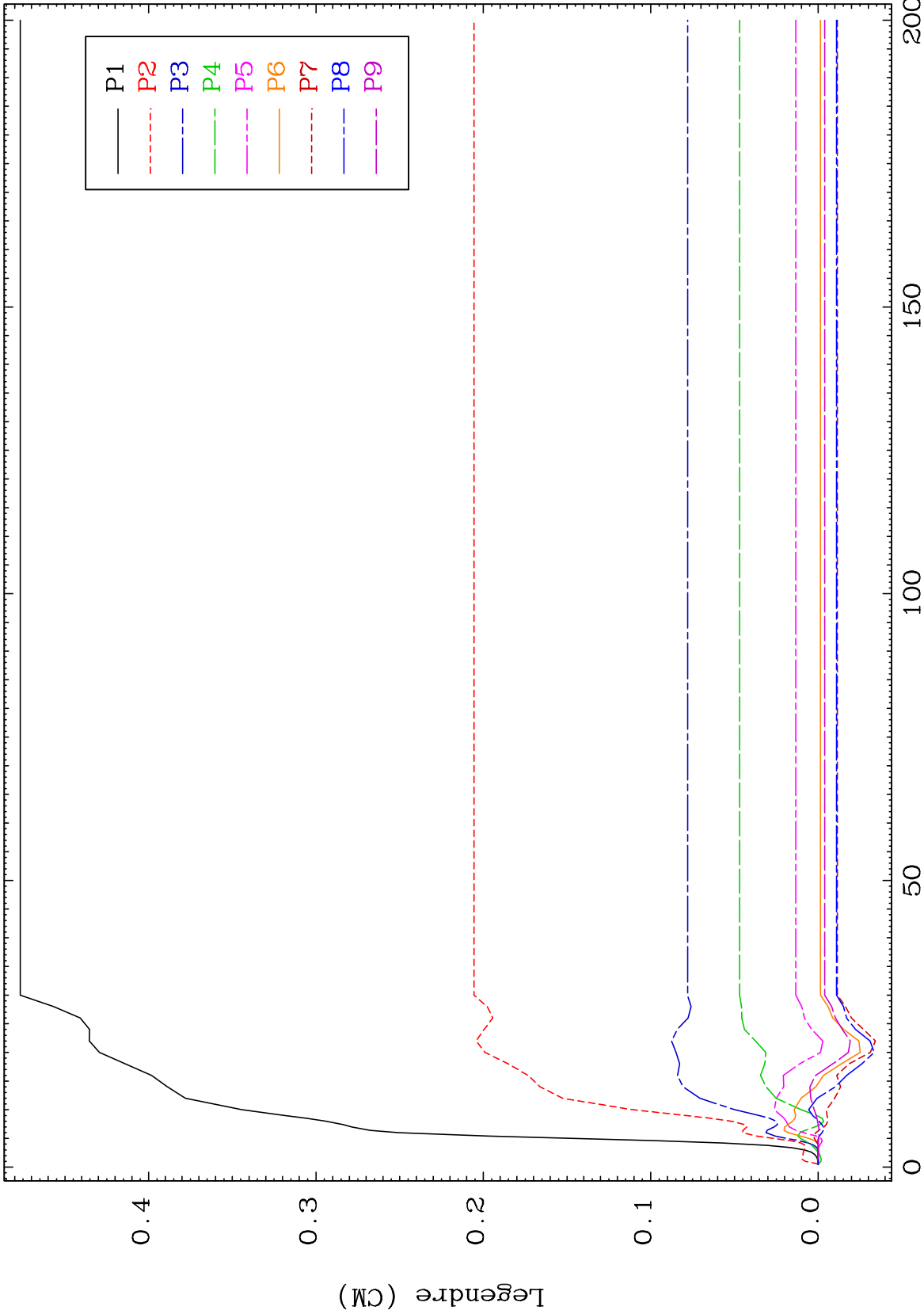




MAT 6422

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

64-Gd-151



32

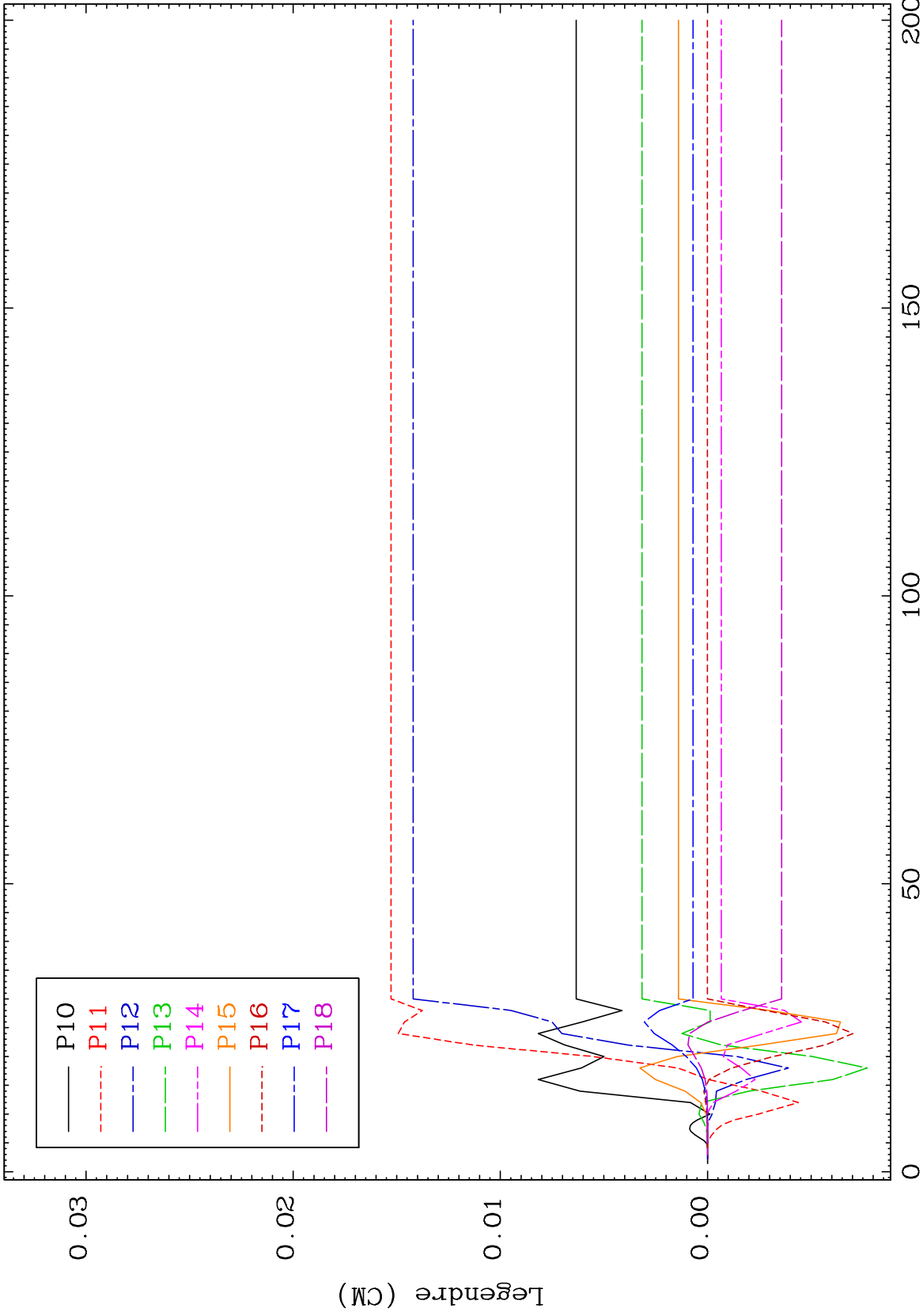
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



33

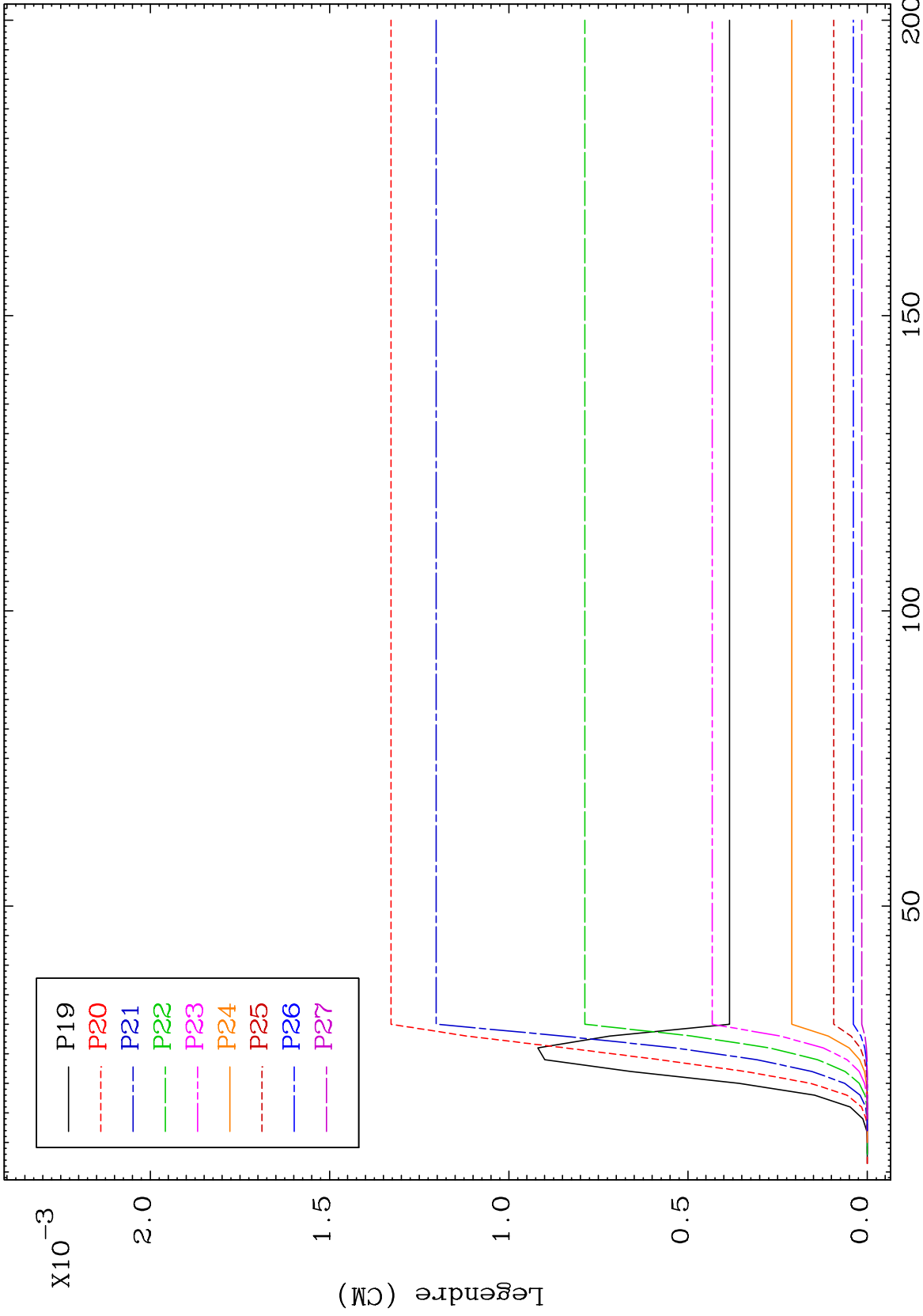
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



34

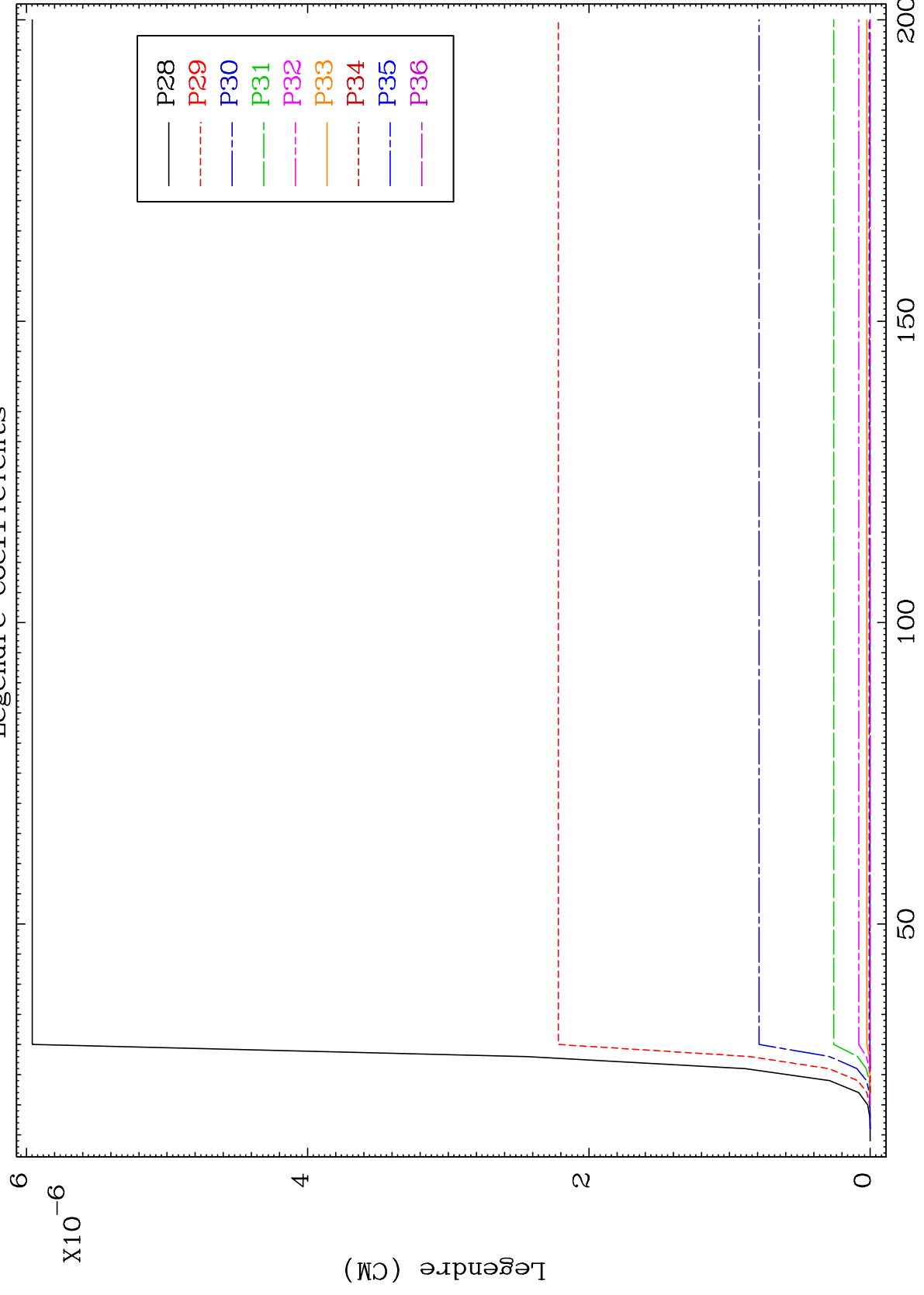
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151

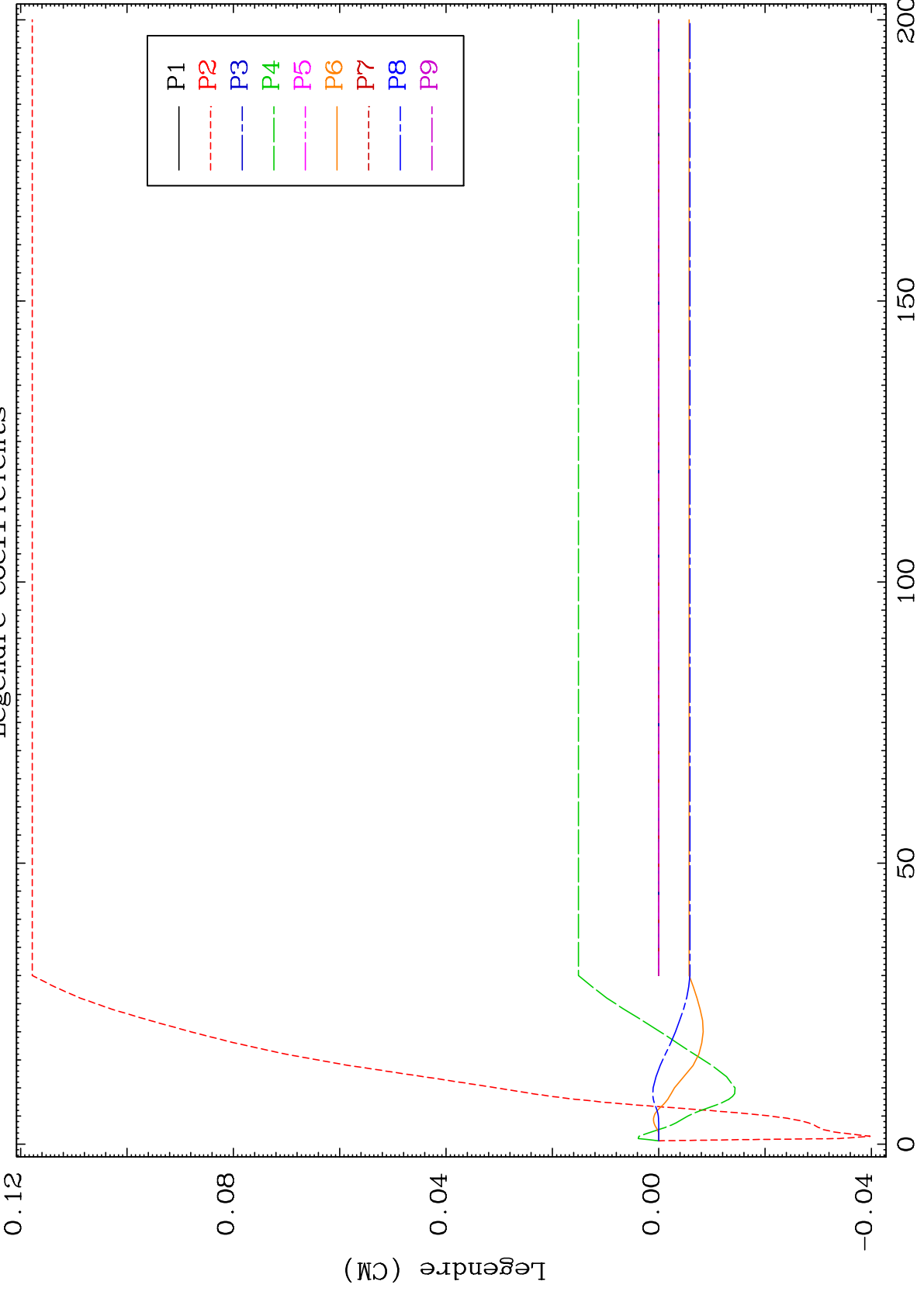


35

Incident Energy (MeV)

64-Gd-151

MAT 6422 MT= 55 (n,n') Level Legendre Coefficients 64-Gd-151

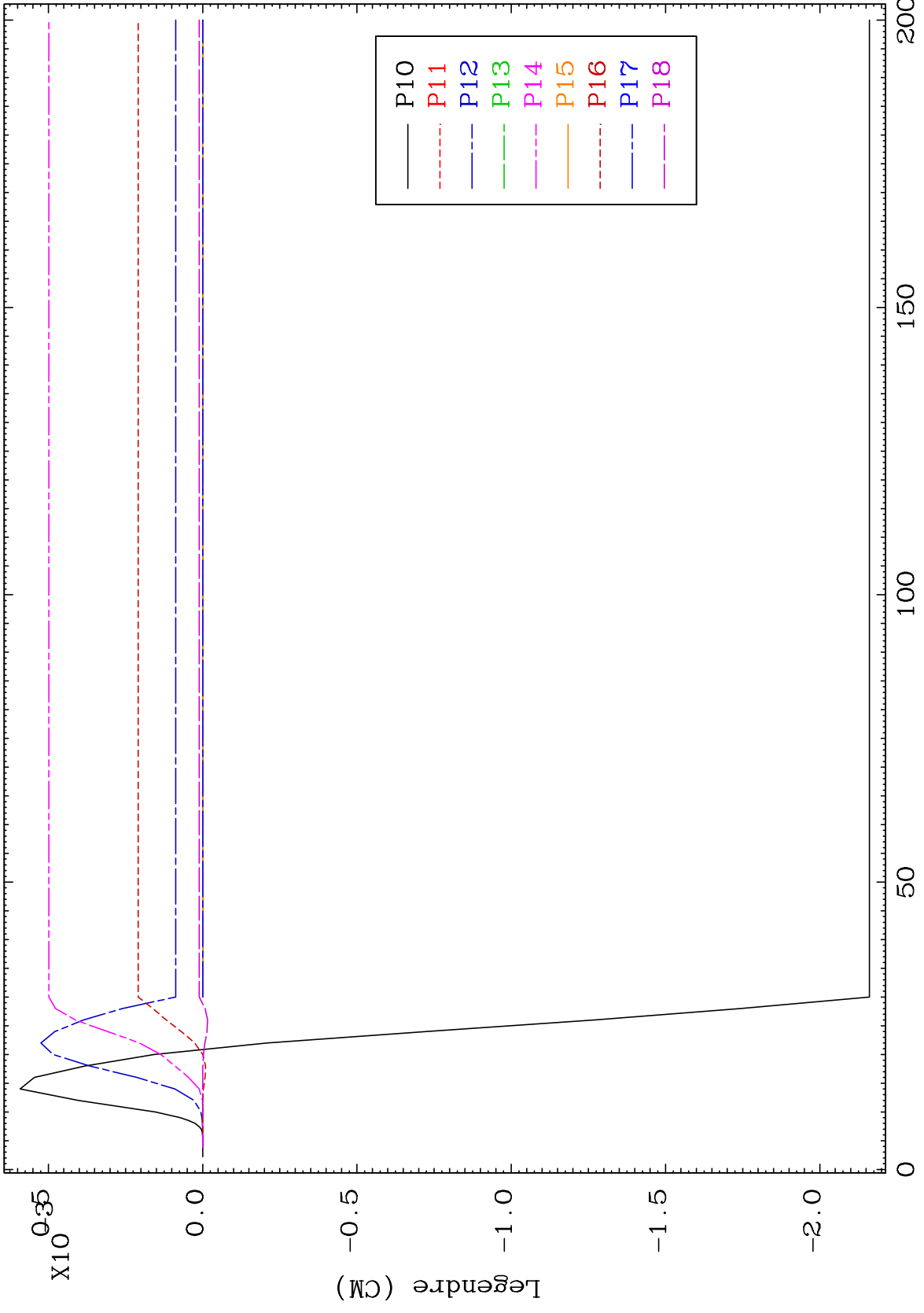


36 Incident Energy (MeV) 64-Gd-151

MAT 6422

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

64-Gd-151



37

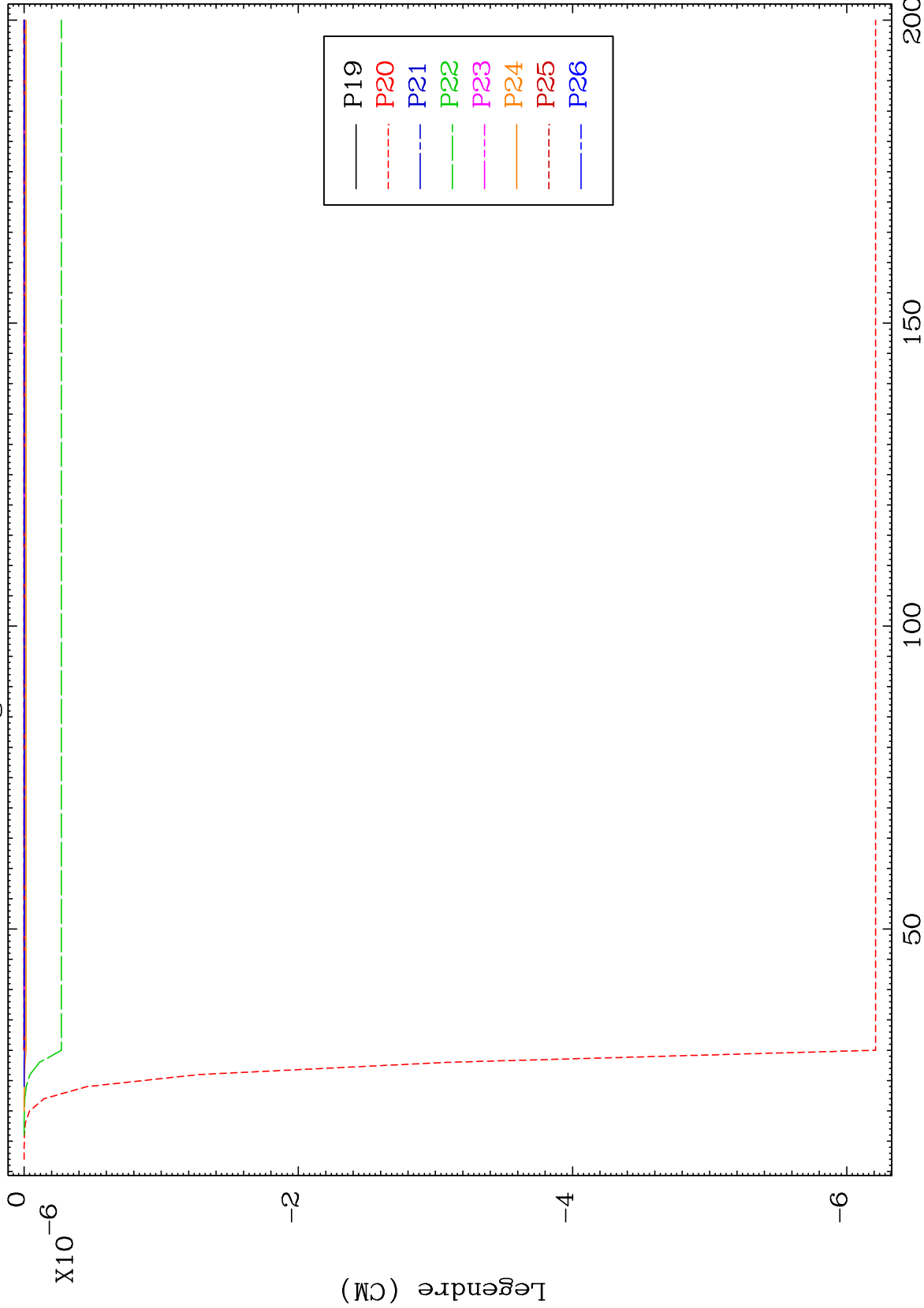
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



38

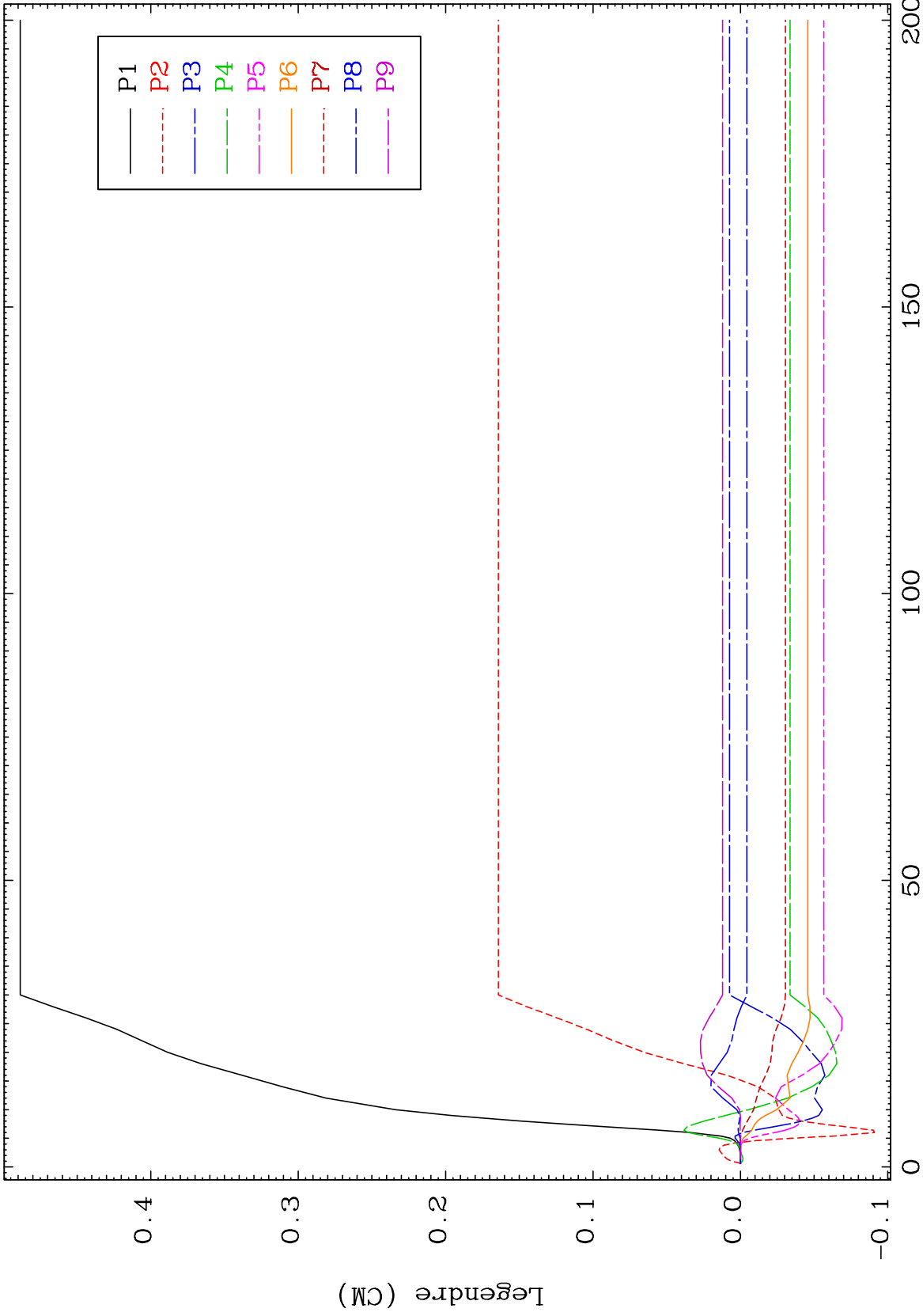
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



39

Incident Energy (MeV)

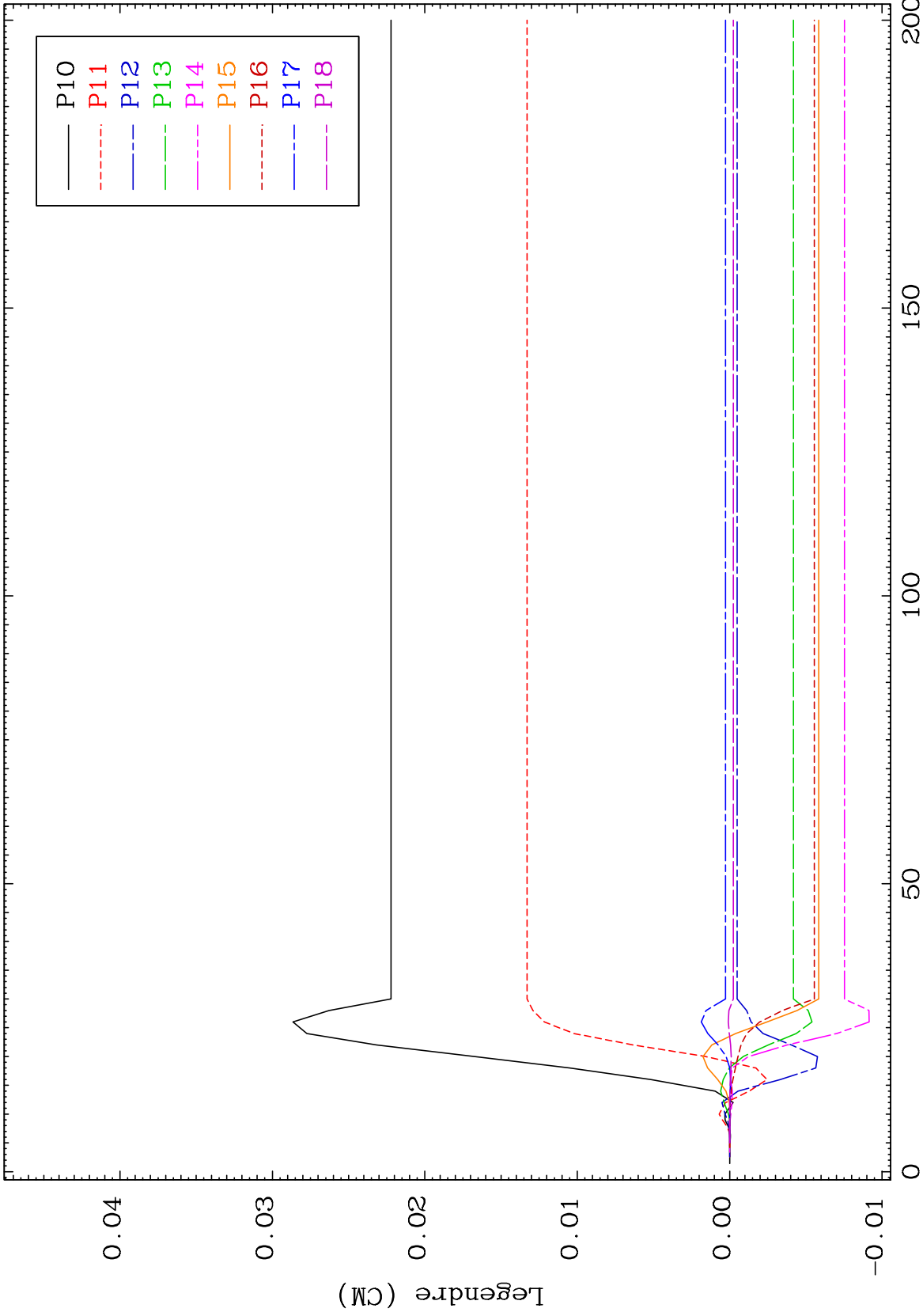
64-Gd-151



MAT 6422

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

64-Gd-151



64-Gd-151

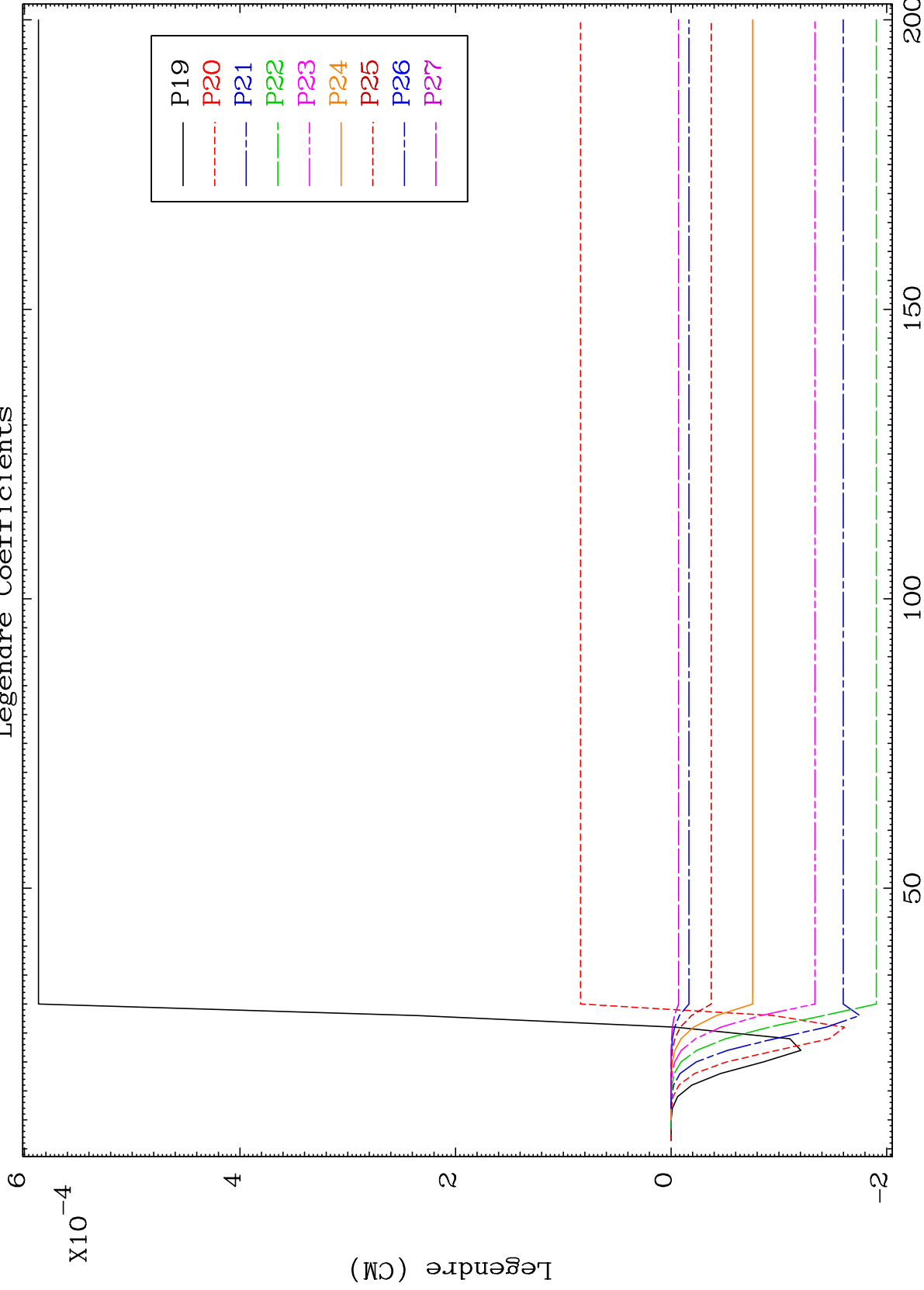
Incident Energy (MeV)

40

MAT 6422

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

64-Gd-151



41

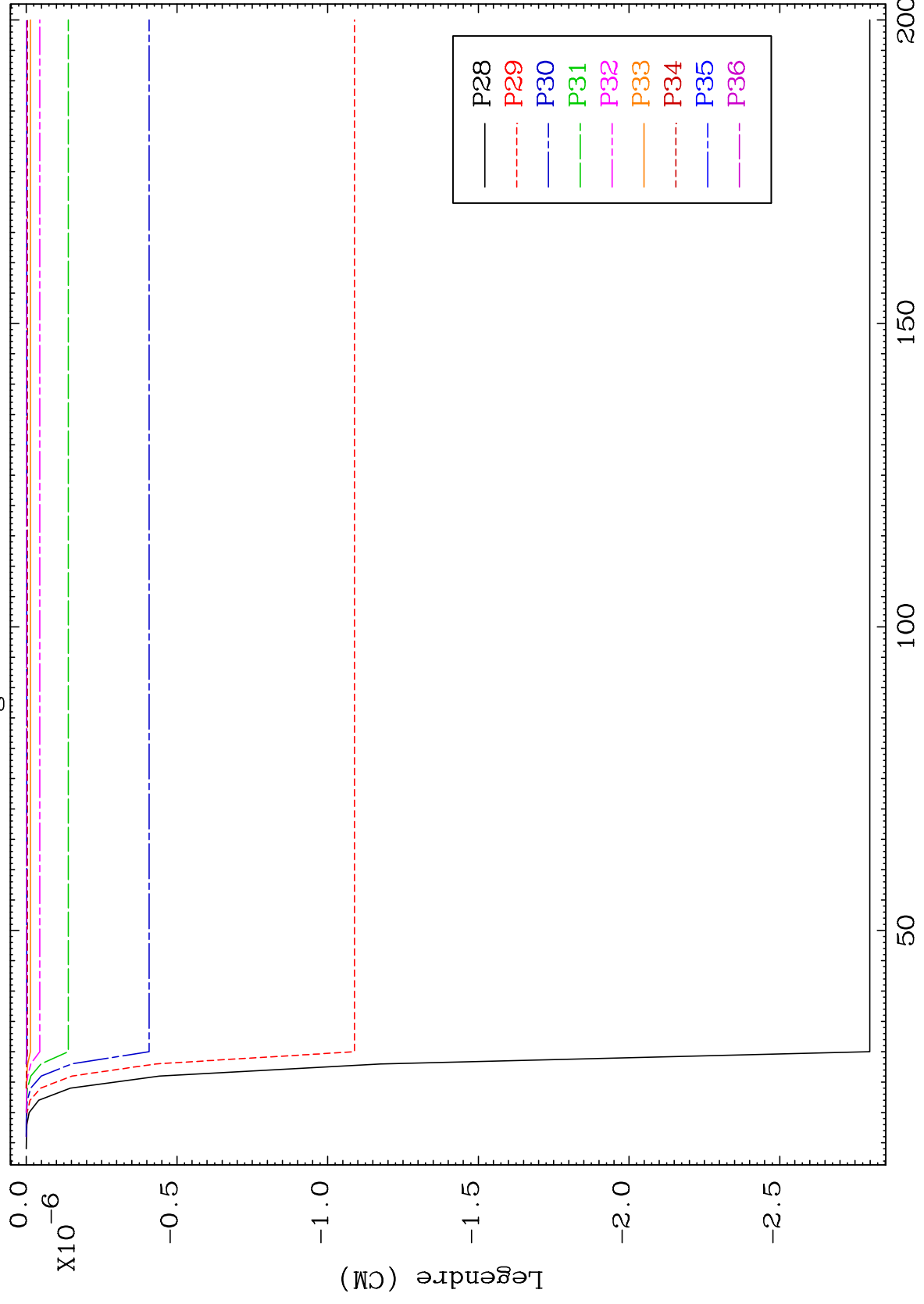
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



64-Gd-151

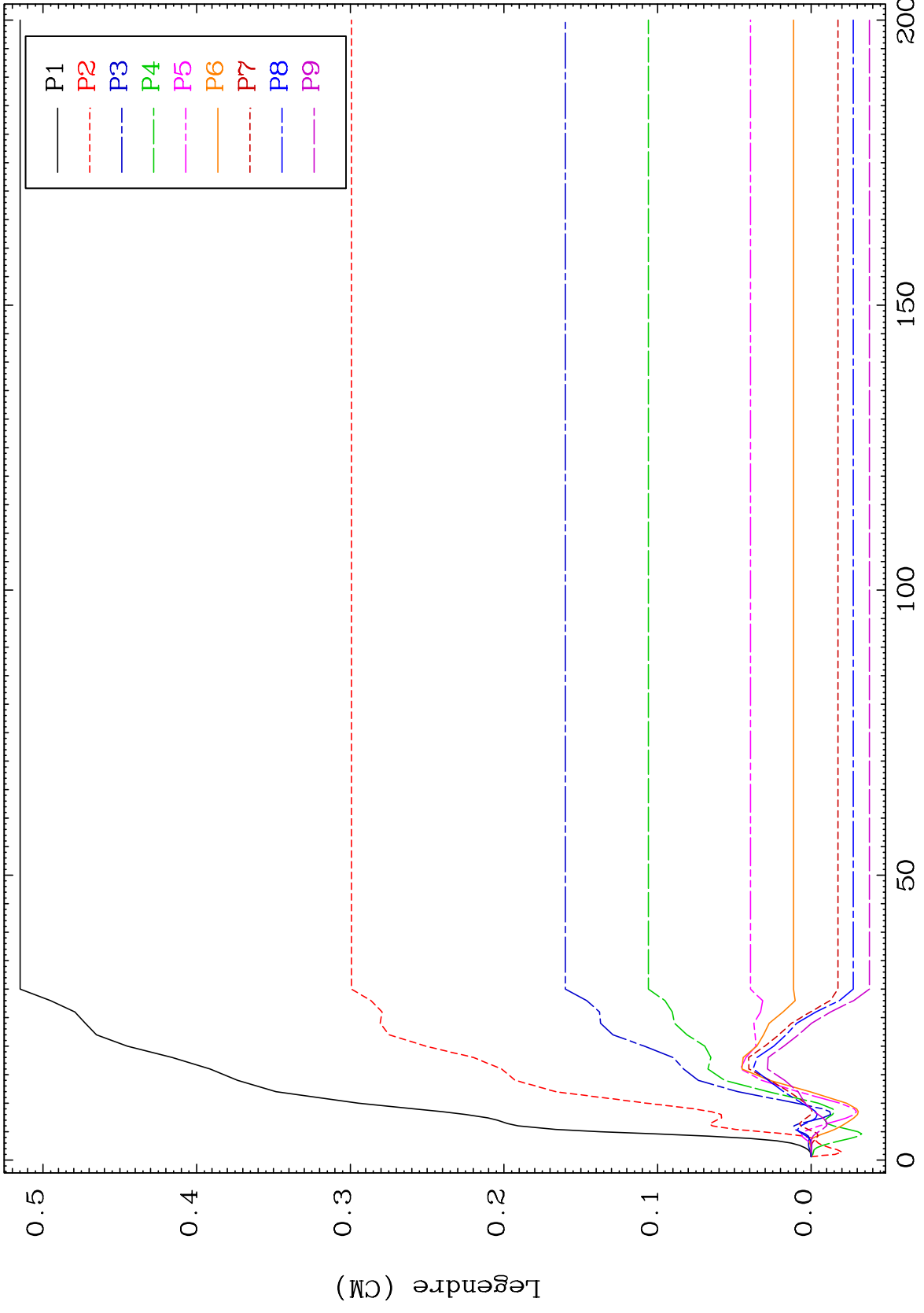
Incident Energy (MeV)

42

MAT 6422

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

64-Gd-151



43

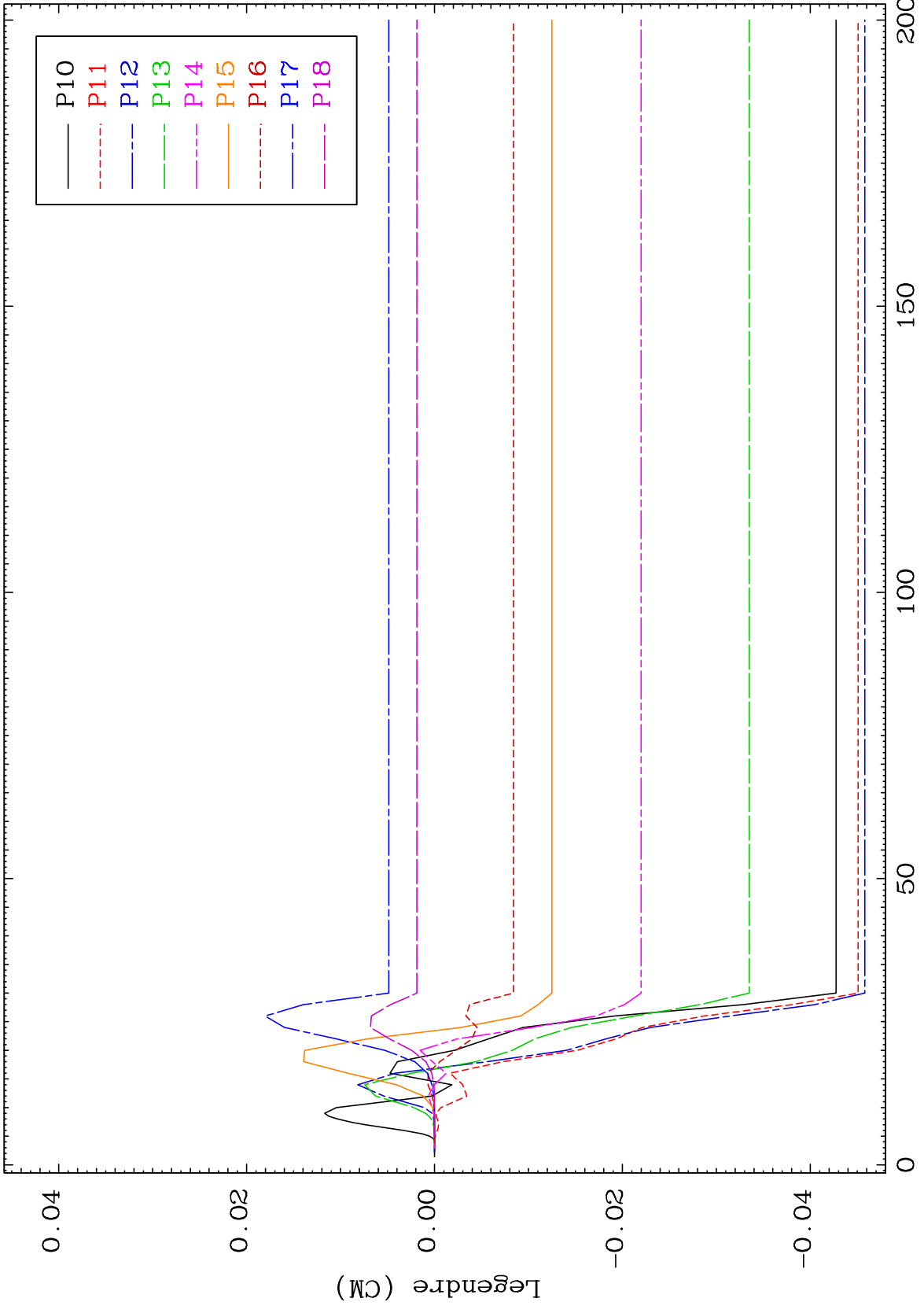
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



44

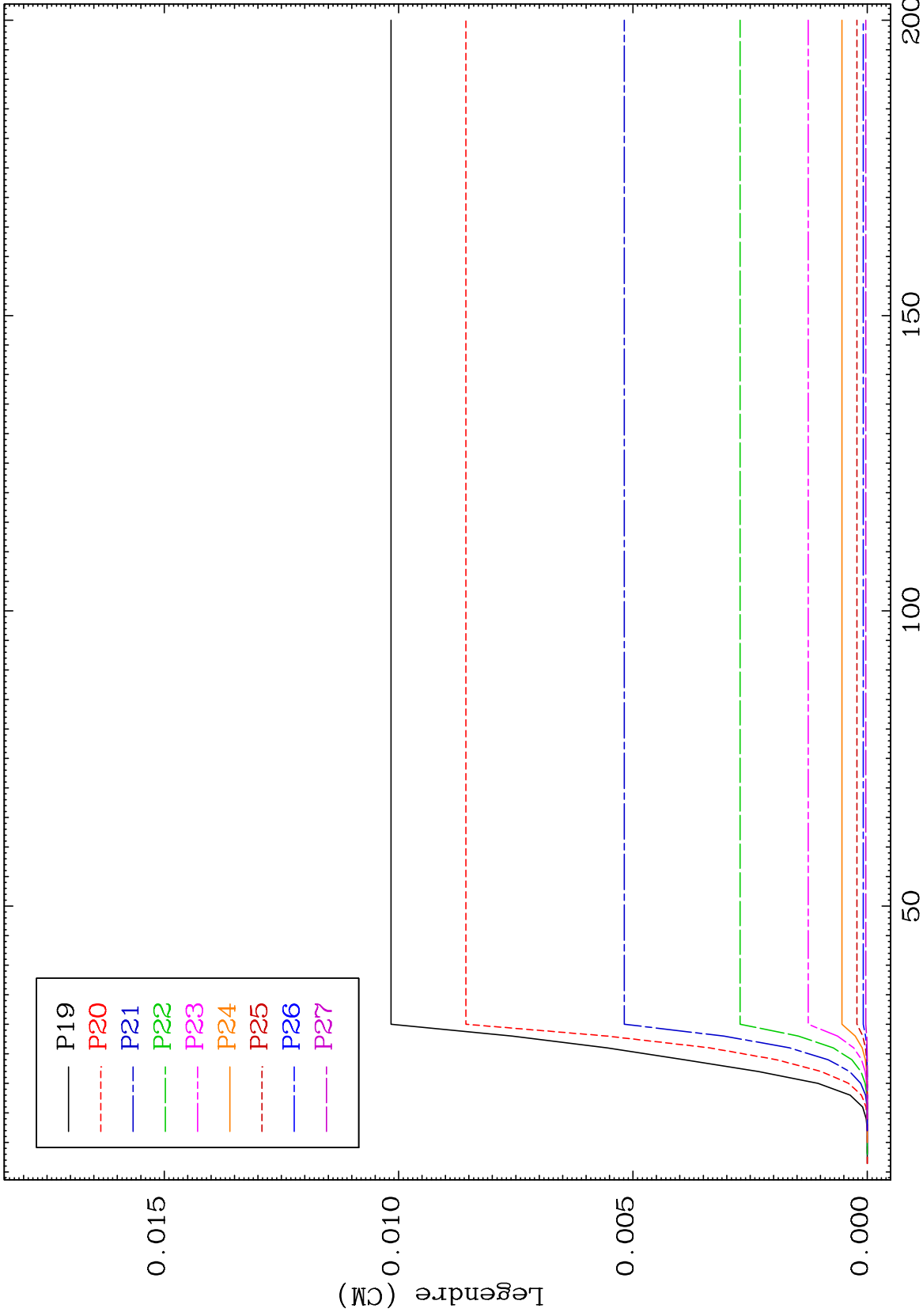
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

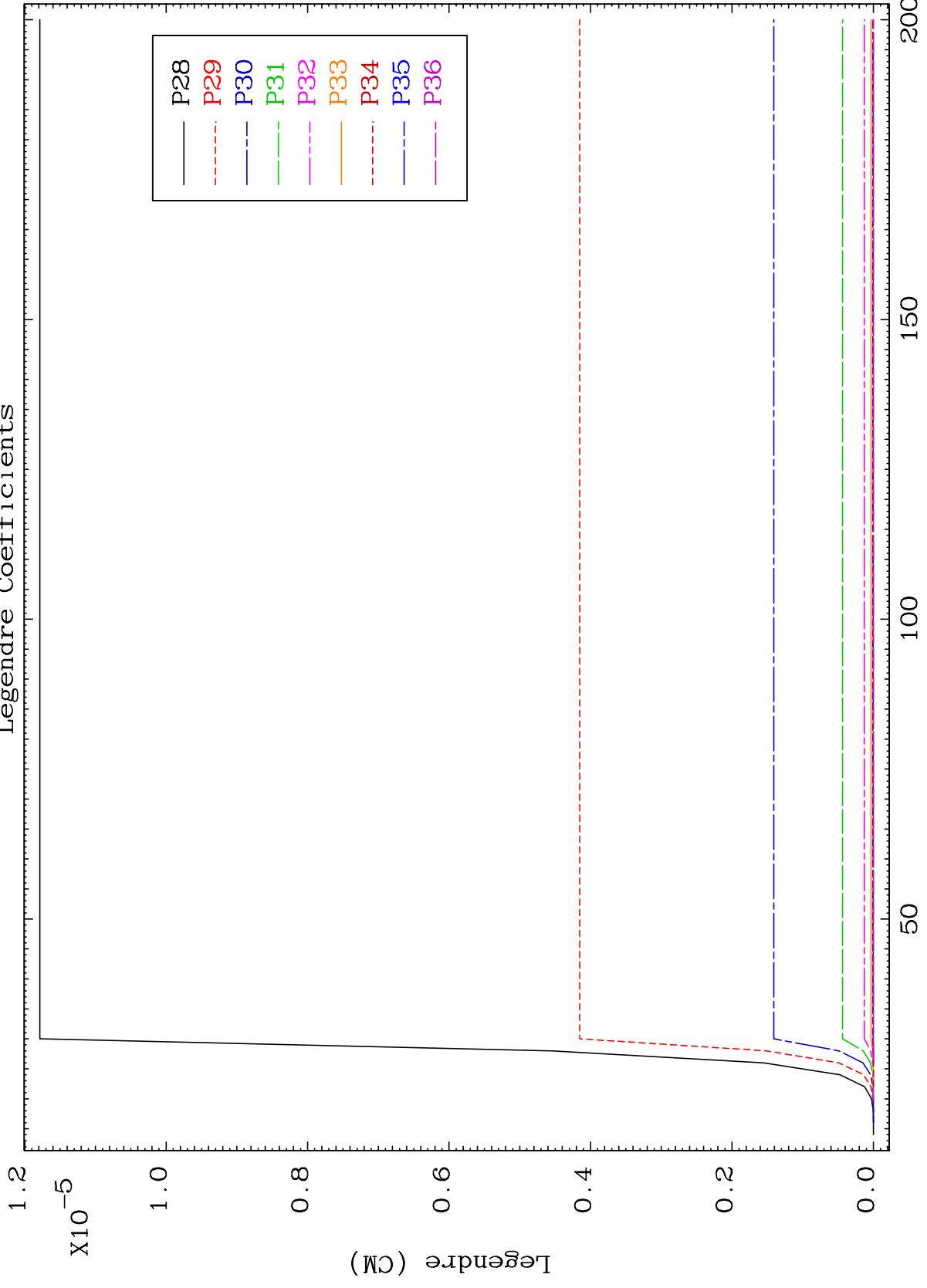
64-Gd-151



45

Incident Energy (MeV)

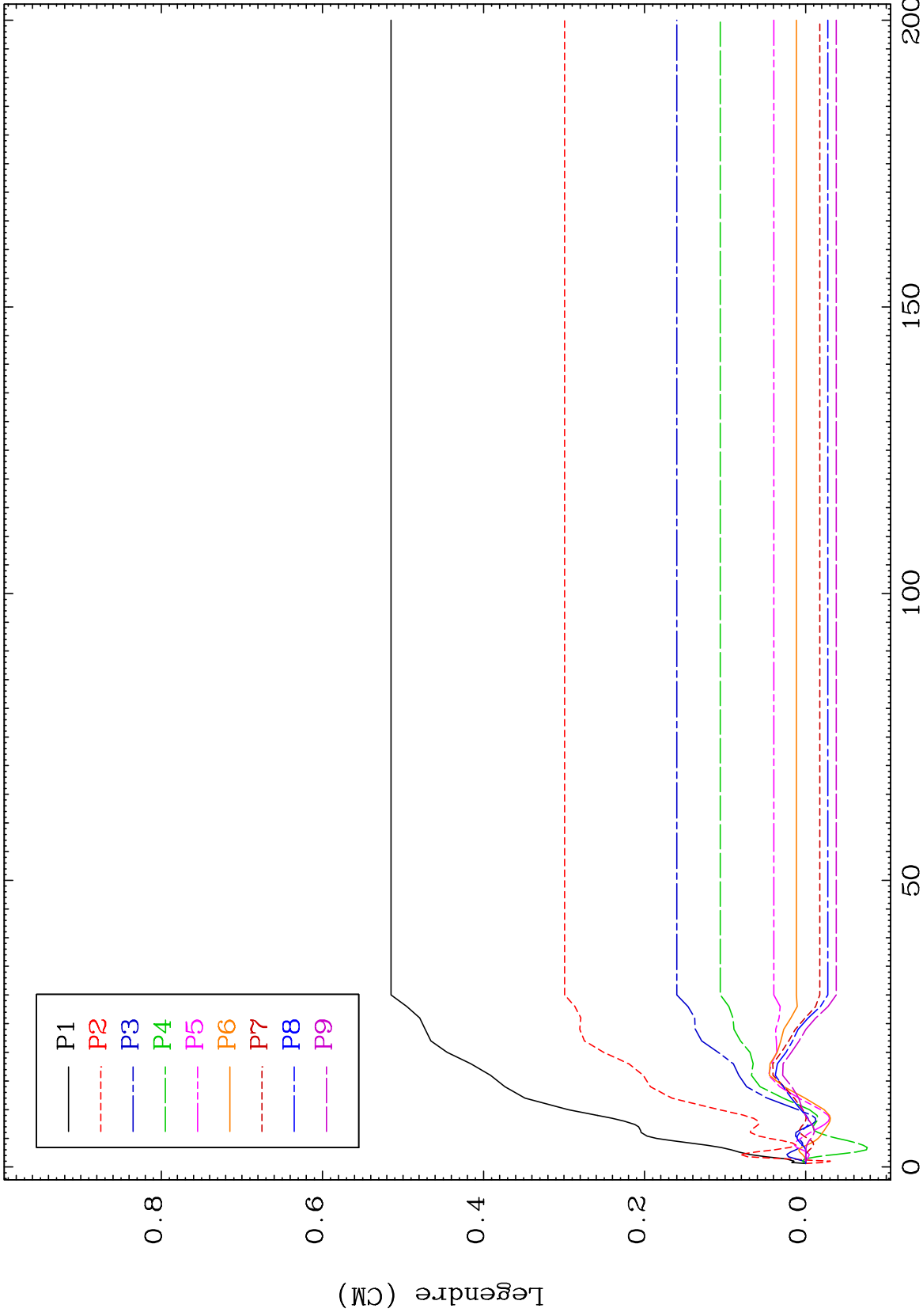
64-Gd-151



MAT 6422

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

64-Gd-151



47

Incident Energy (MeV)

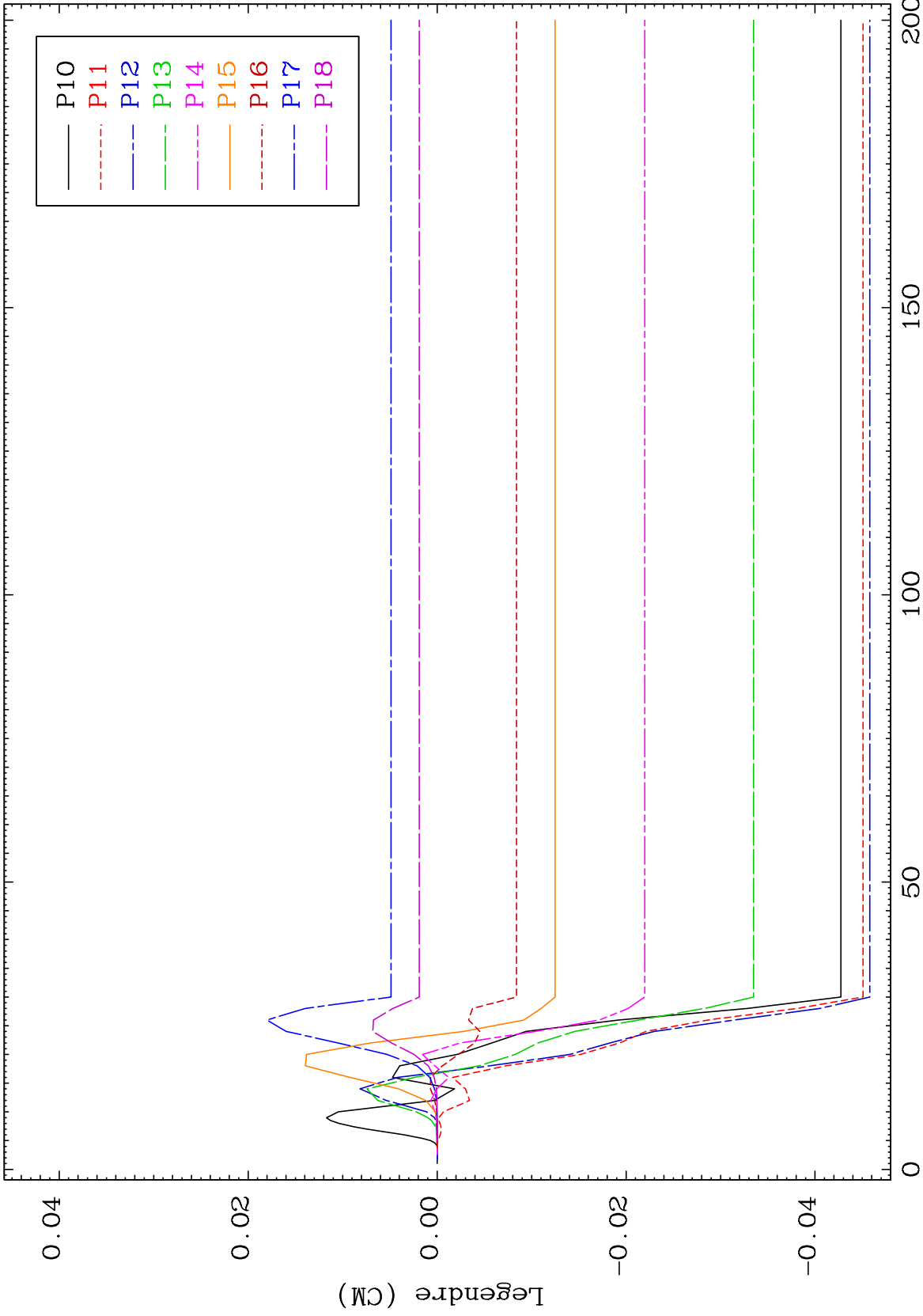
64-Gd-151



MAT 6422

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

64-Gd-151



48

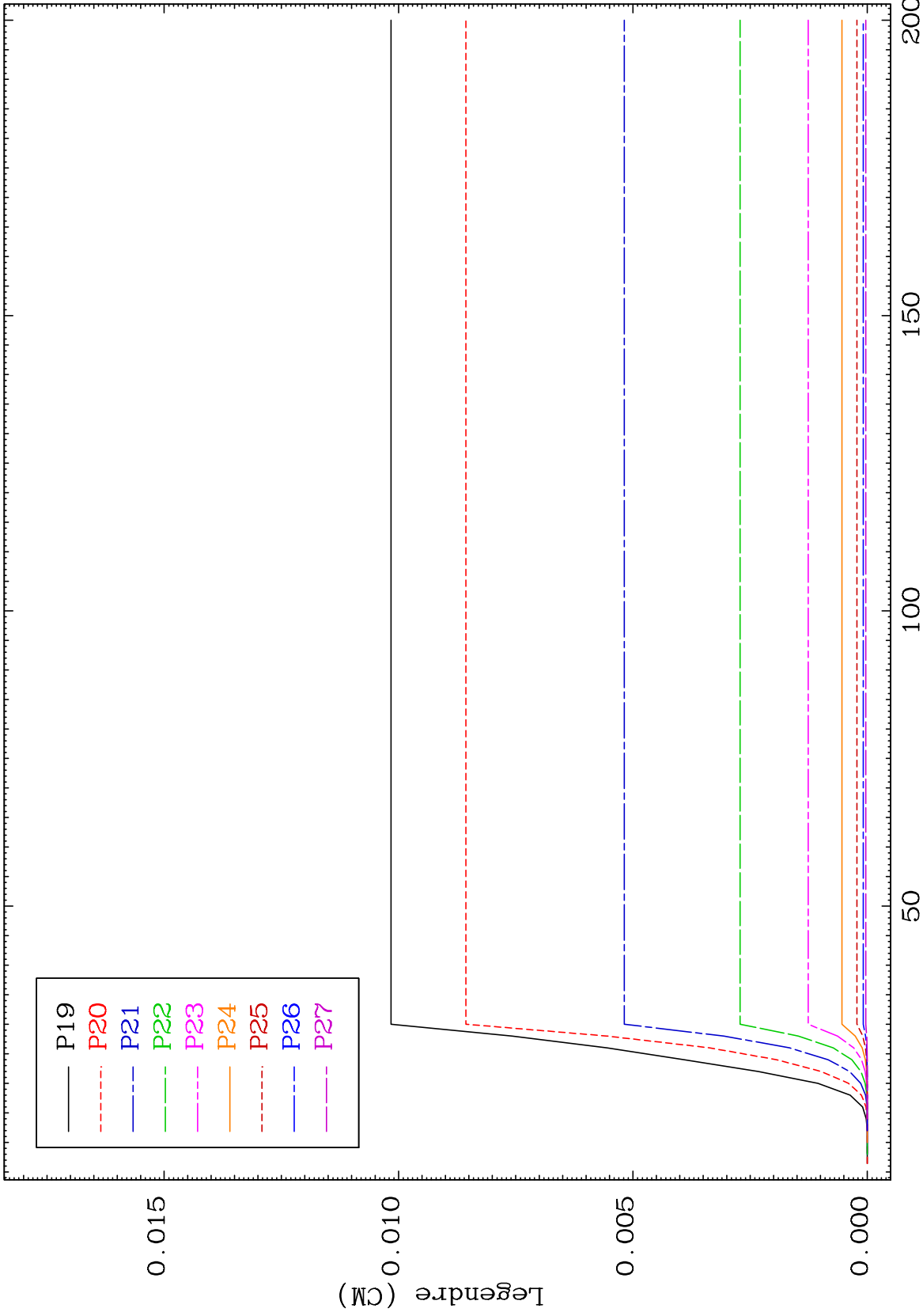
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151

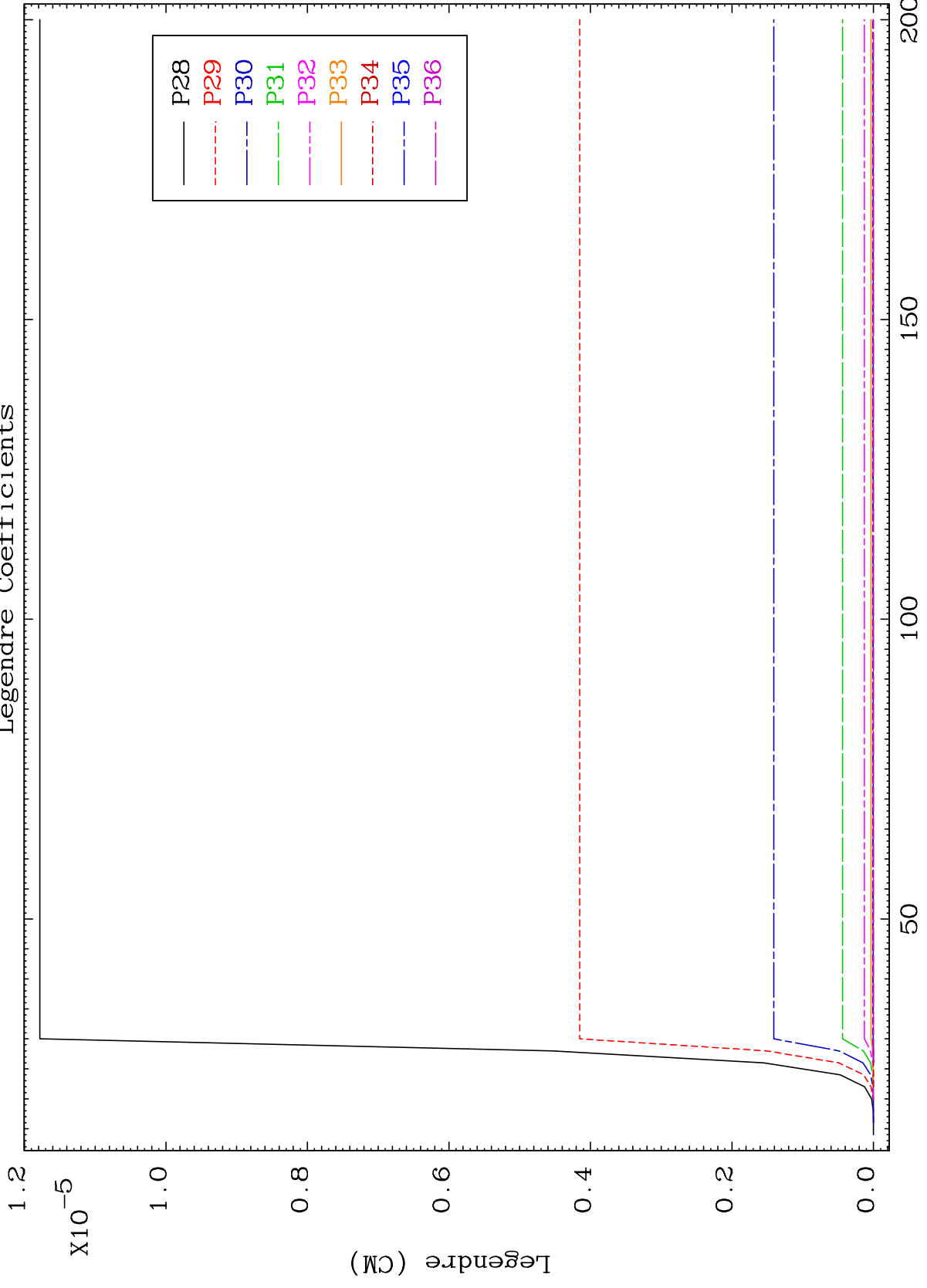


49

Incident Energy (MeV)

64-Gd-151

MAT 6422 MT= 58 (n,n') Level Legendre Coefficients 64-Gd-151

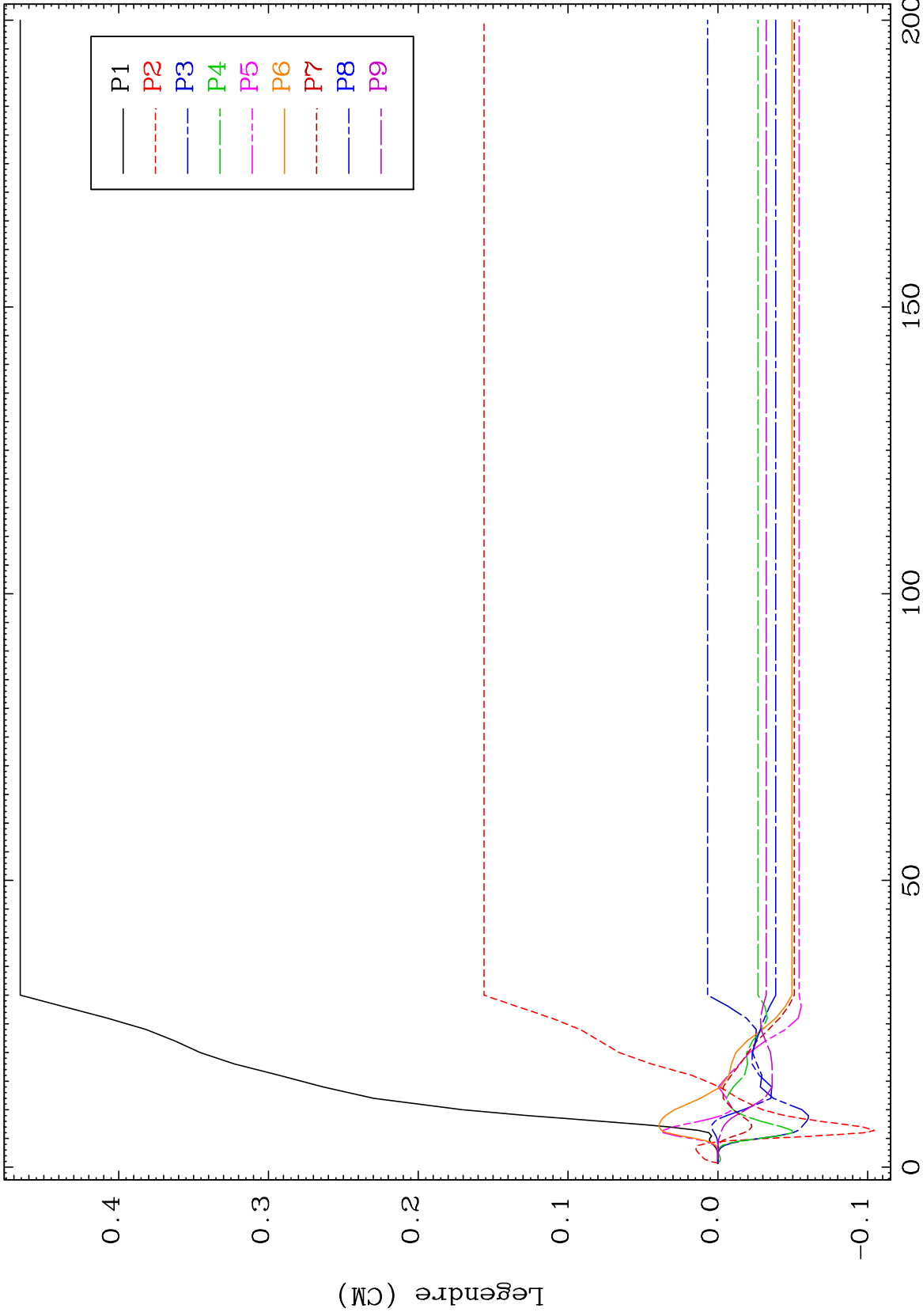


64-Gd-151

MAT 6422

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

64-Gd-151



51

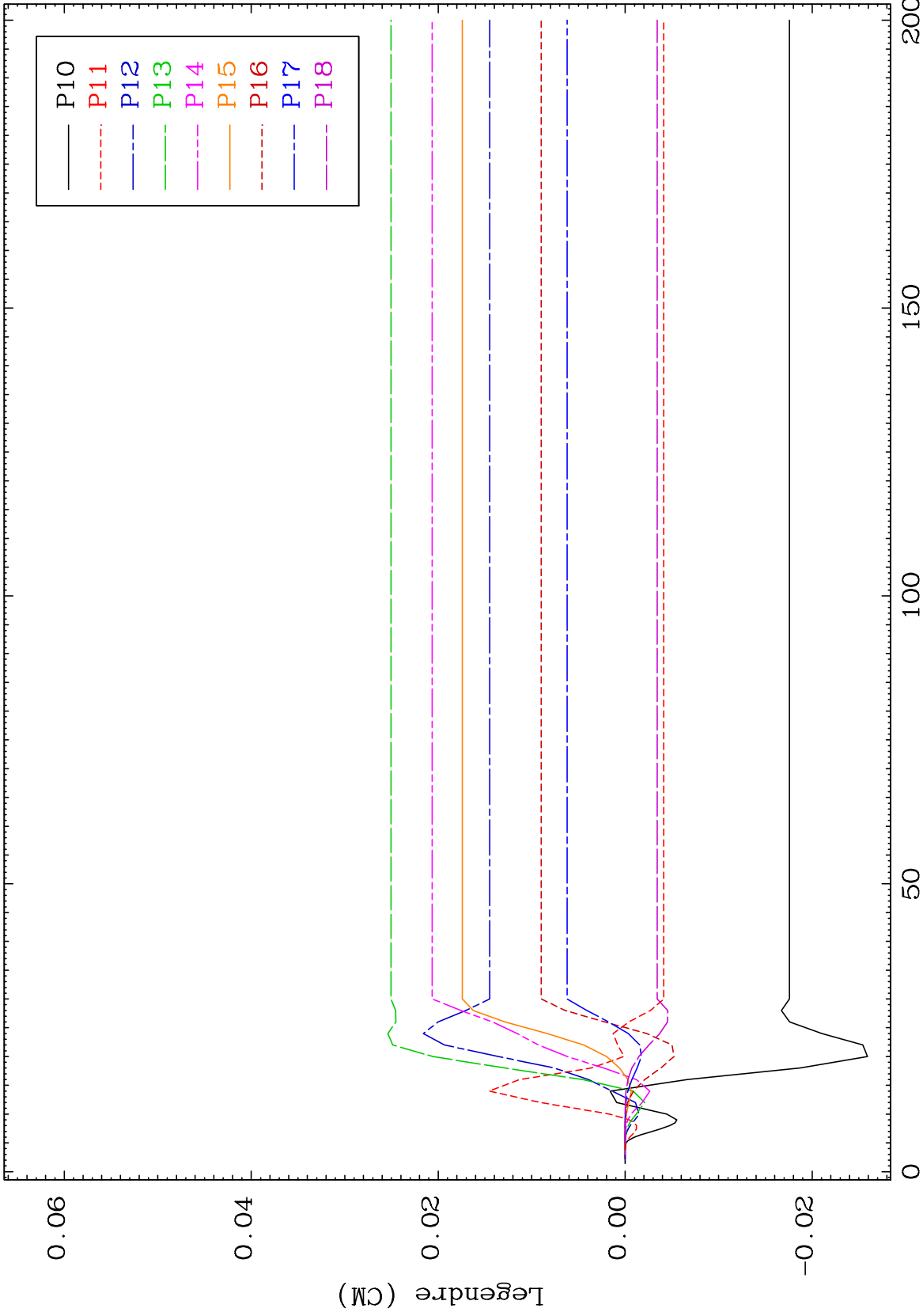
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



52

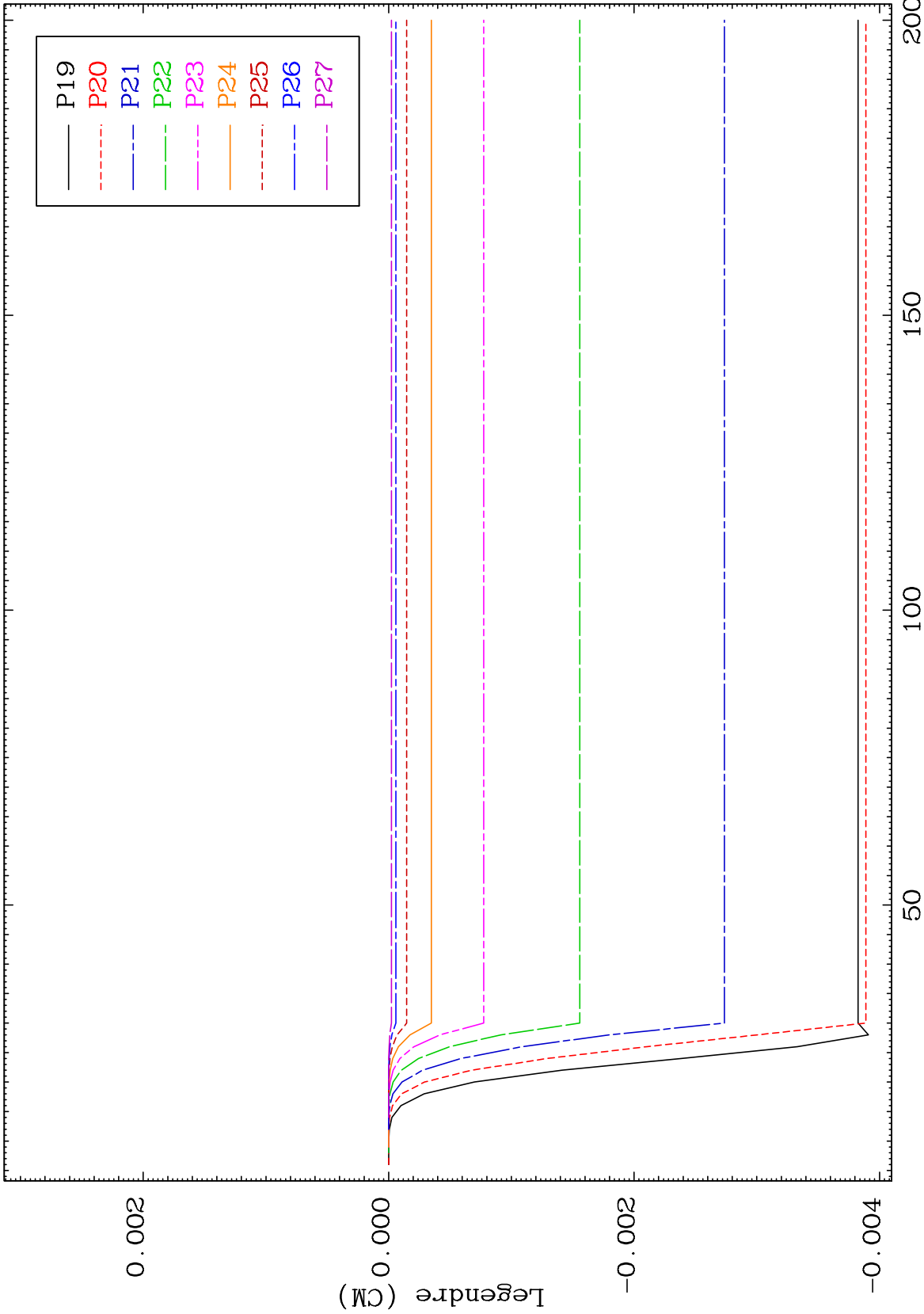
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151

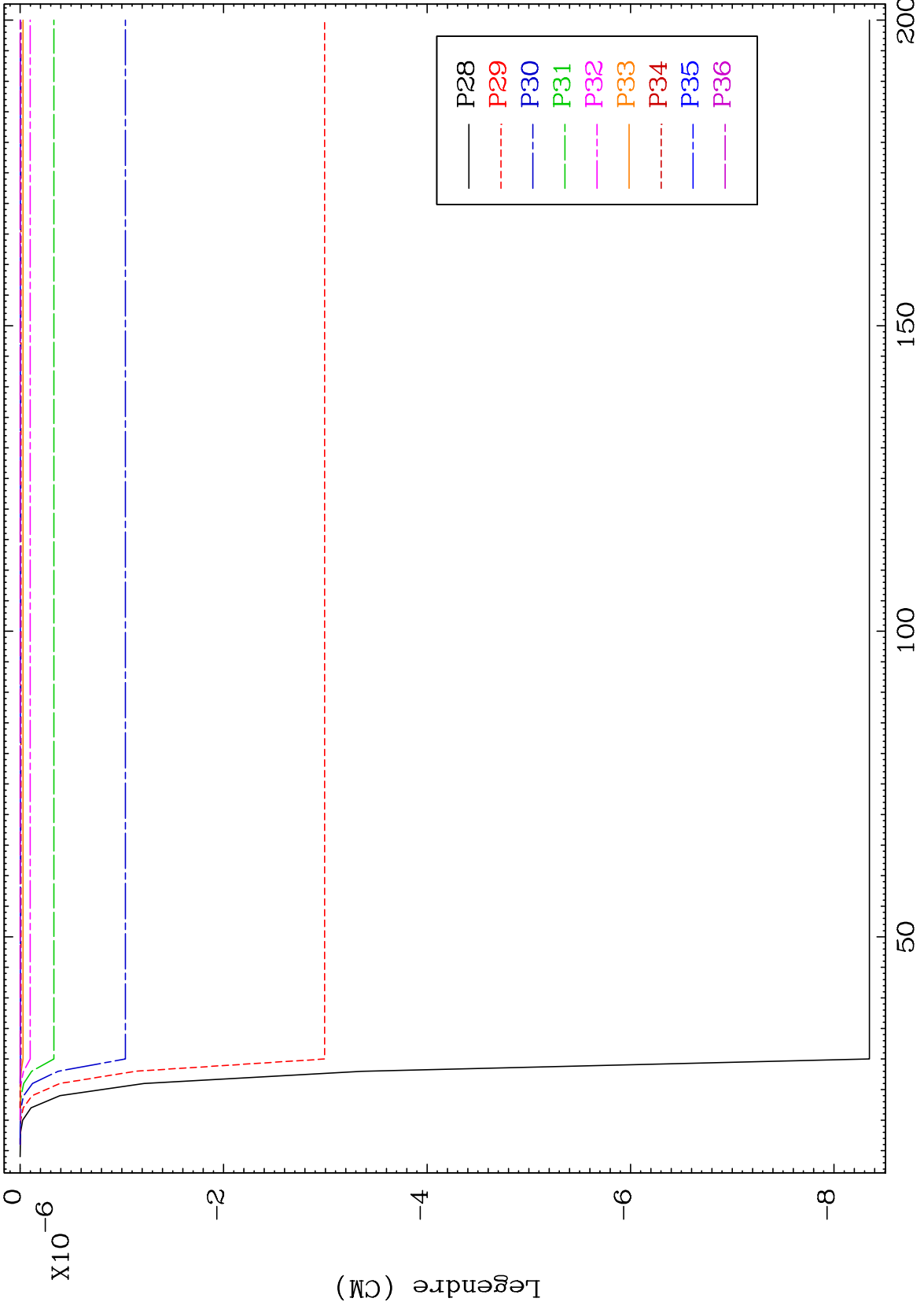


53

Incident Energy (MeV)

64-Gd-151

MAT 6422 MT= 59 (n,n') Level Legendre Coefficients 64-Gd-151

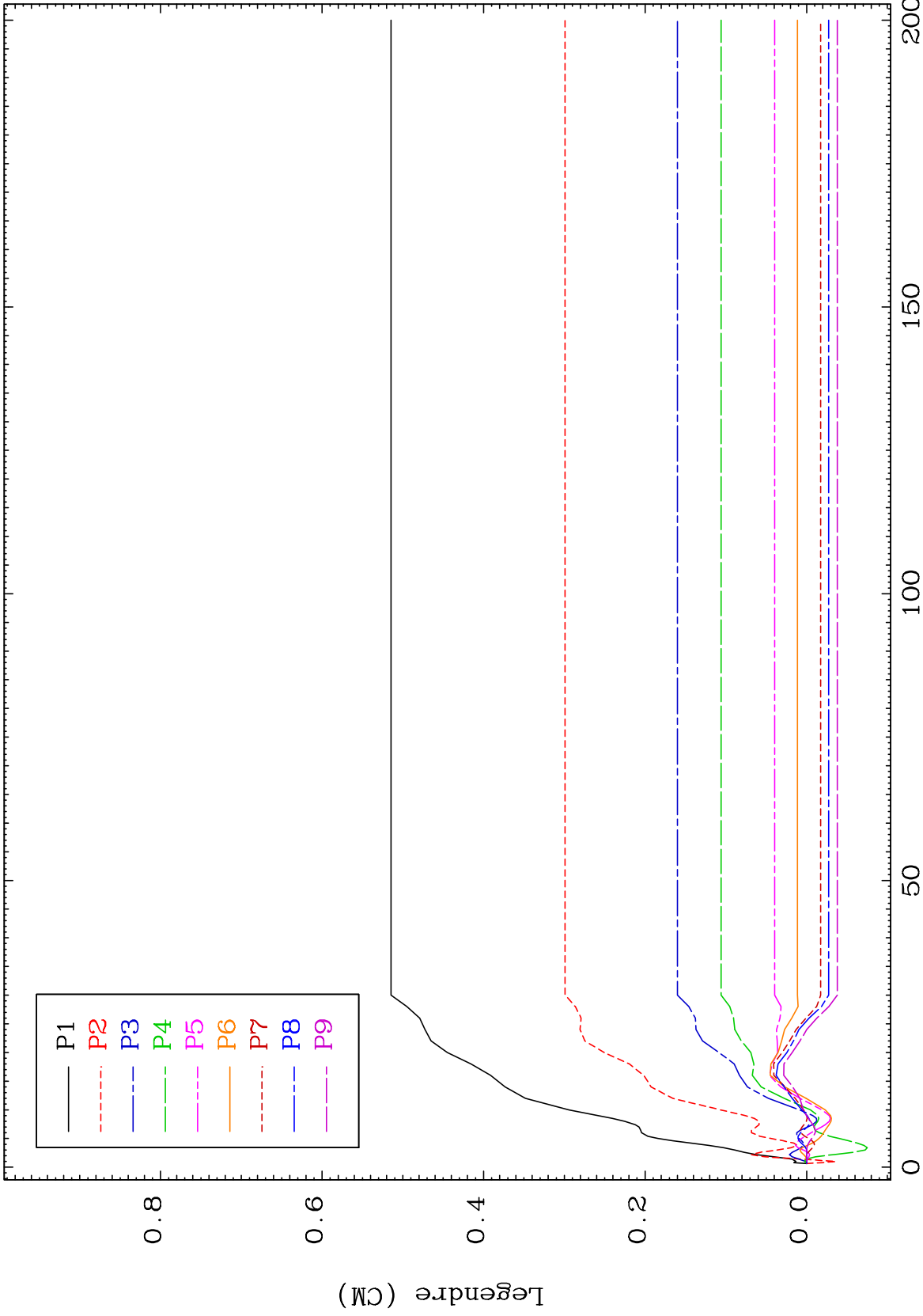


54 64-Gd-151 Incident Energy (MeV)

MAT 6422

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

64-Gd-151



55

Incident Energy (MeV)

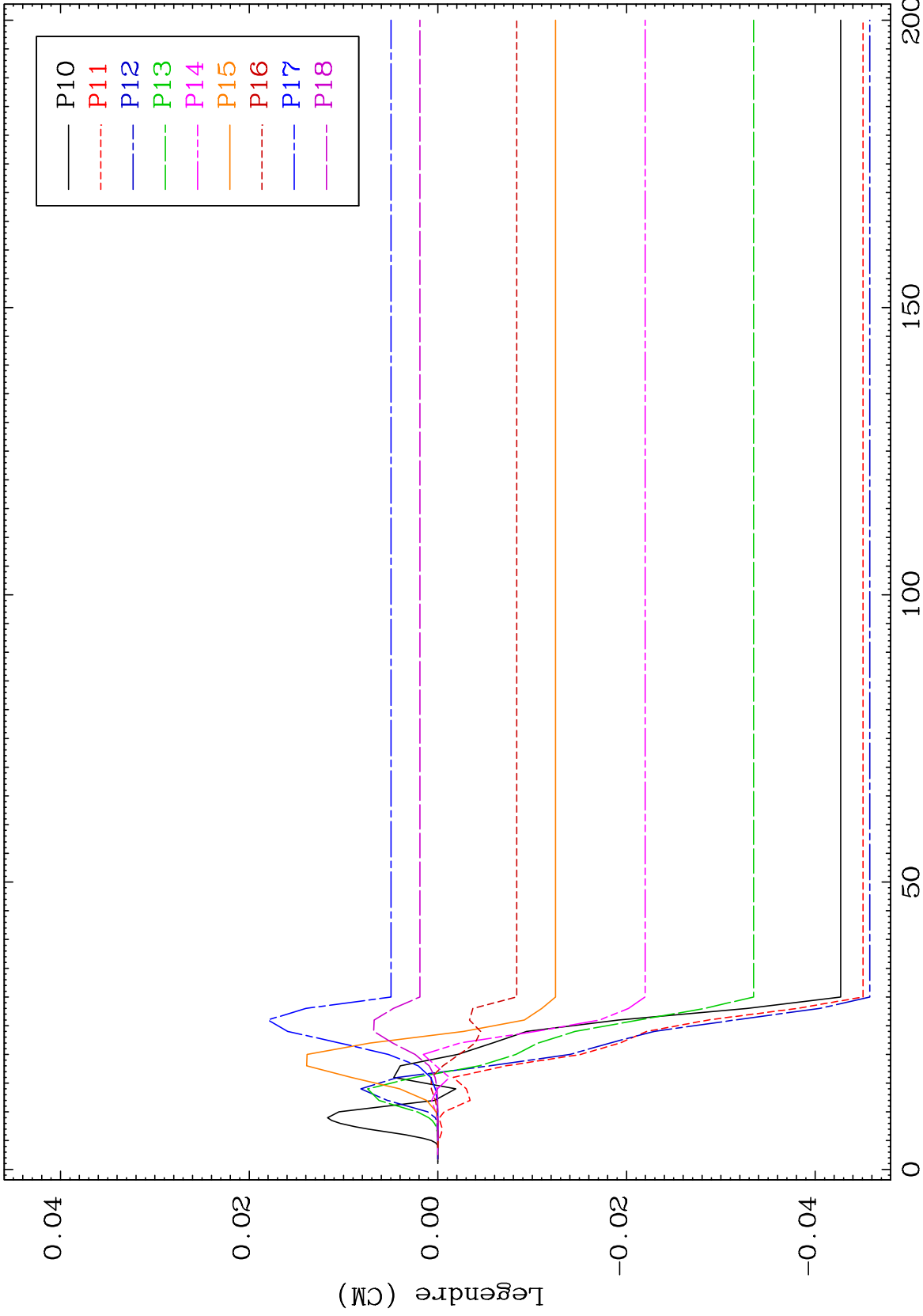
64-Gd-151



MAT 6422

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

64-Gd-151



56

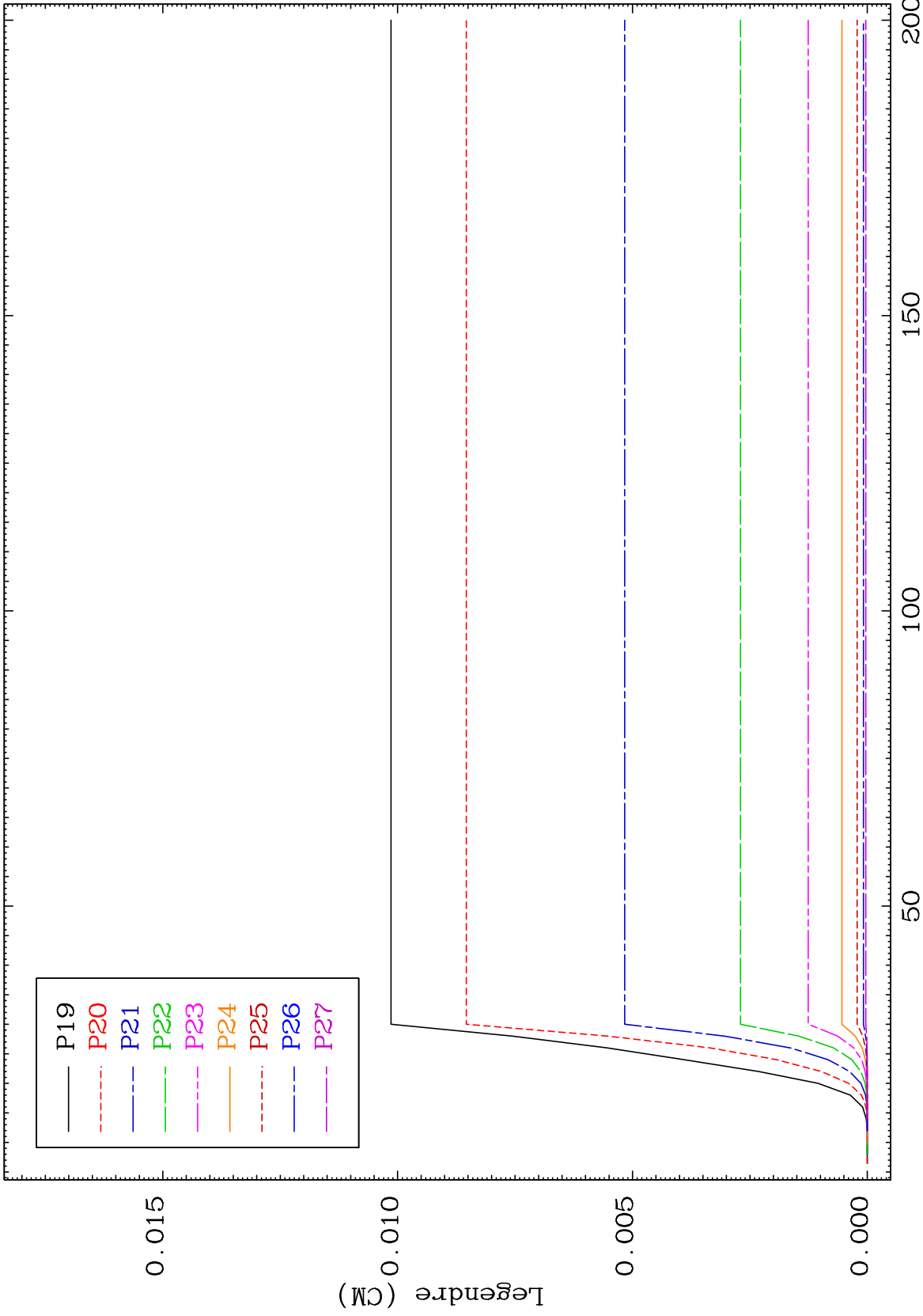
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



57

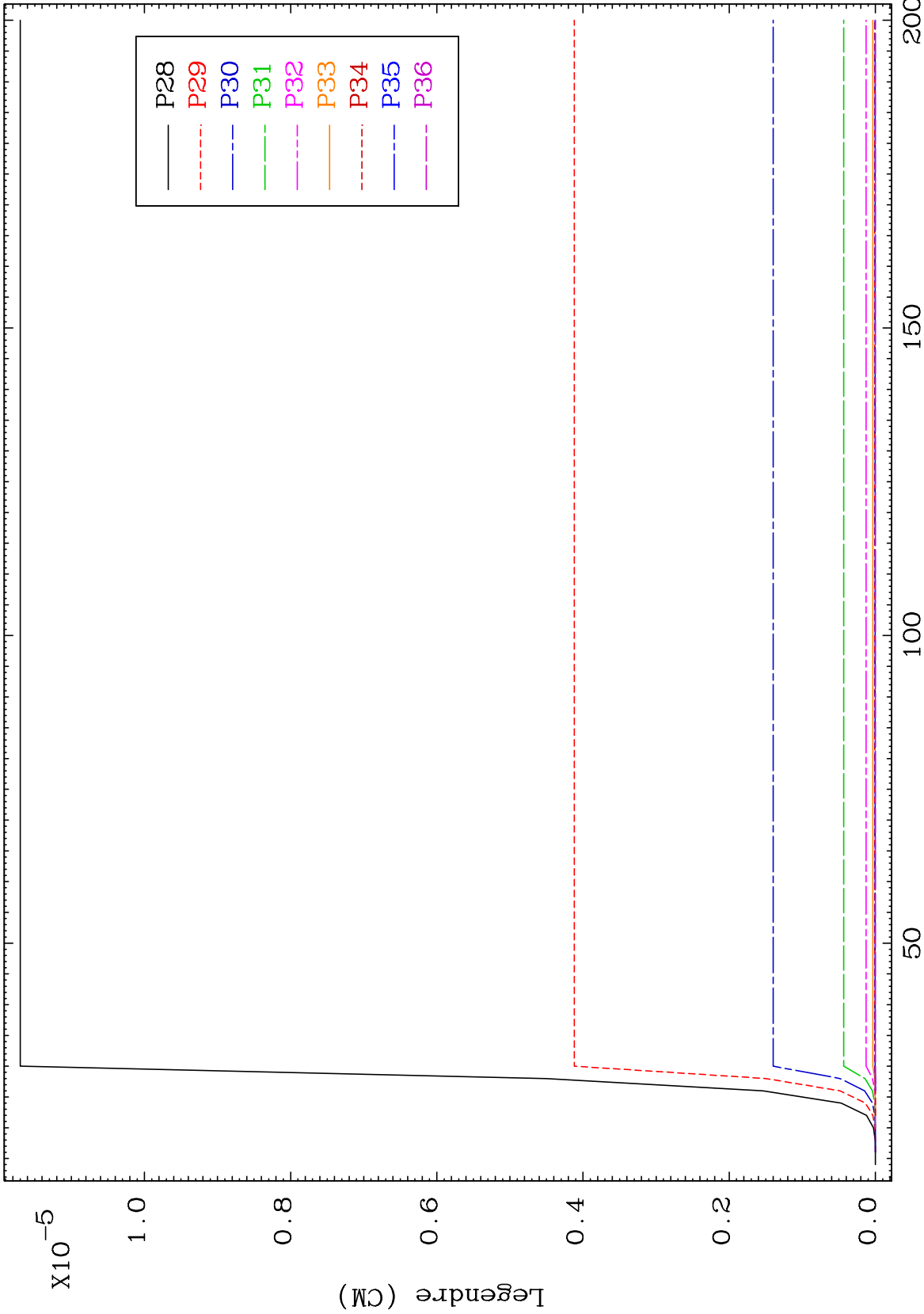
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

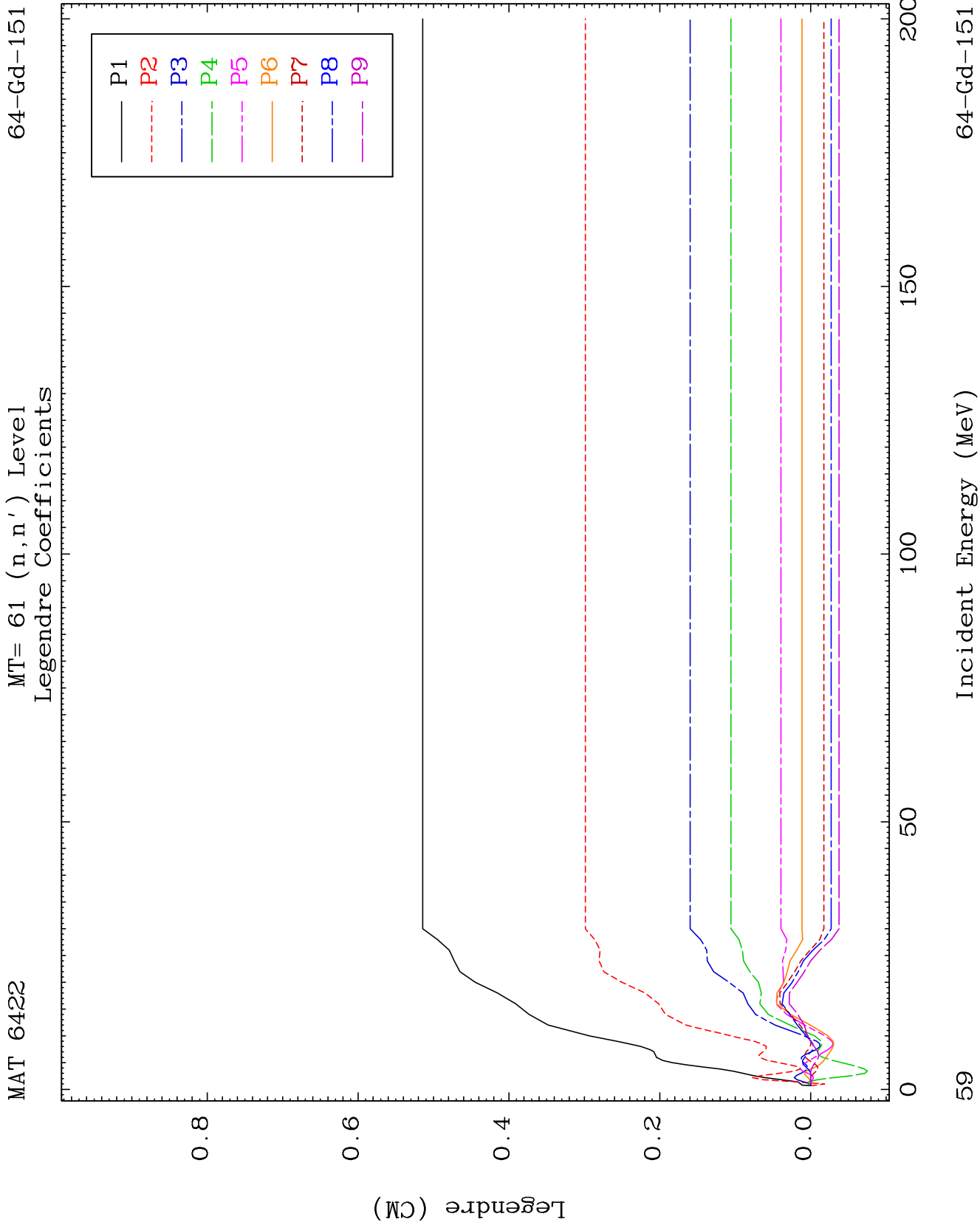
64-Gd-151



58

Incident Energy (MeV)

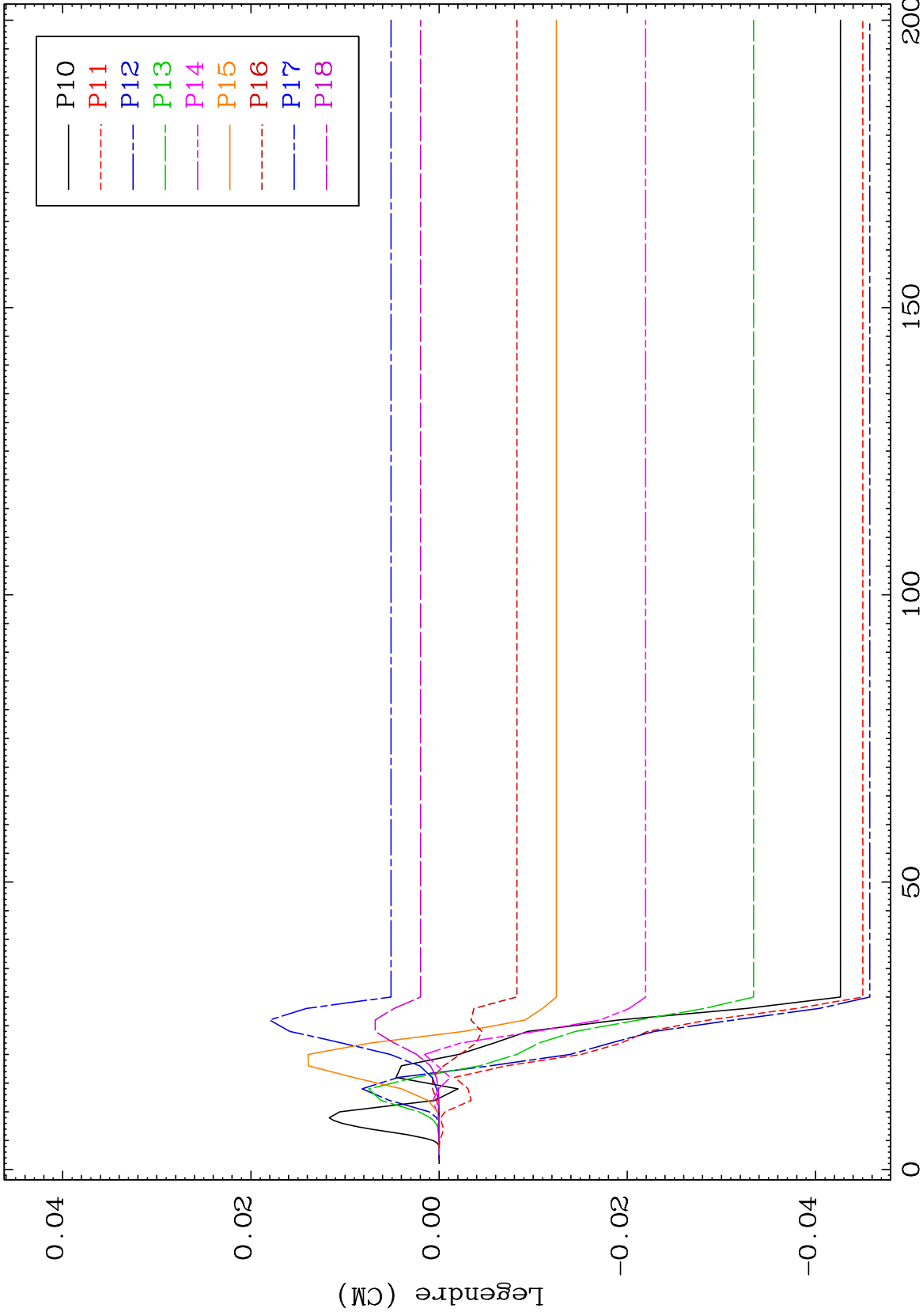
64-Gd-151



MAT 6422

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

64-Gd-151



60

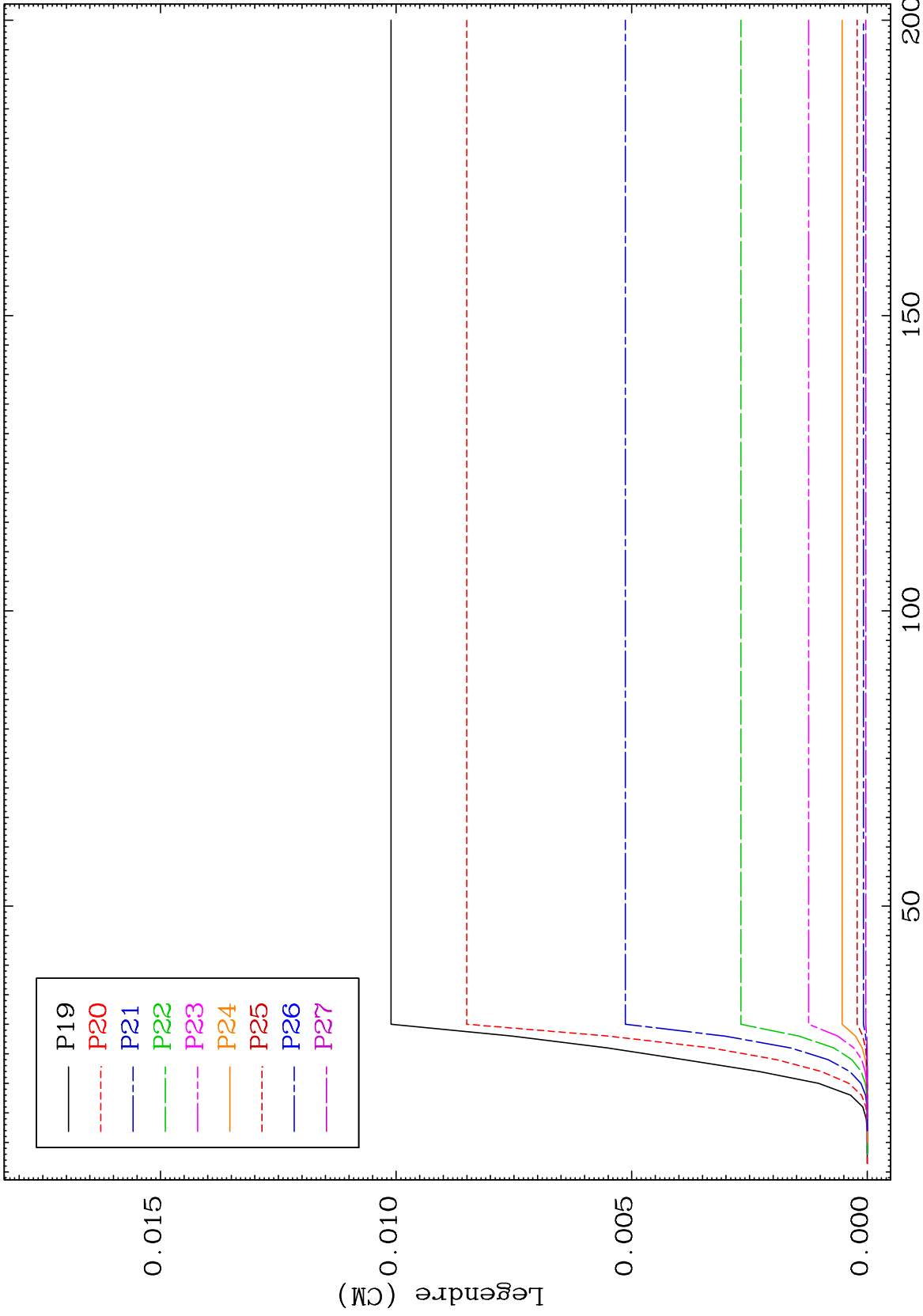
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



61

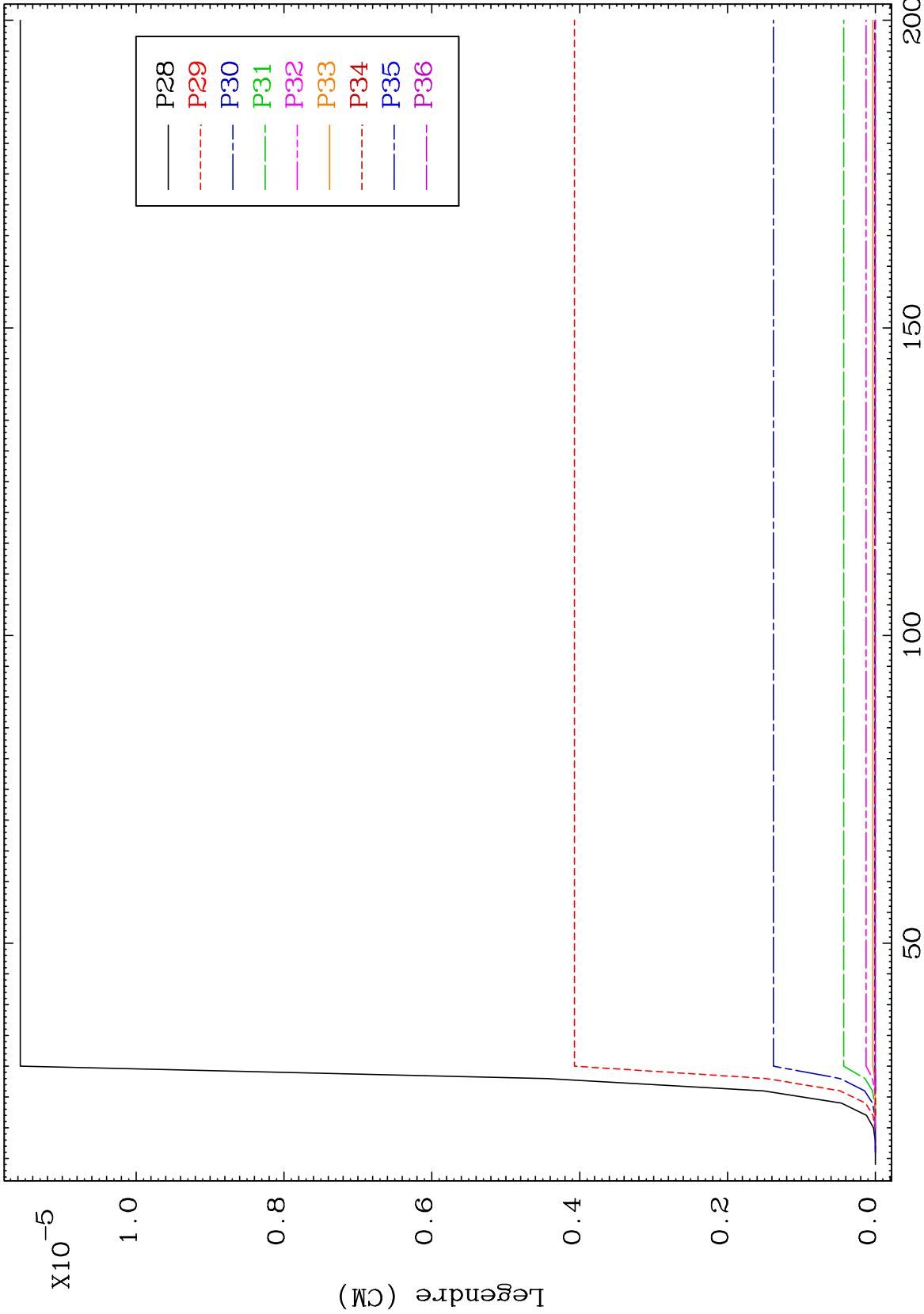
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



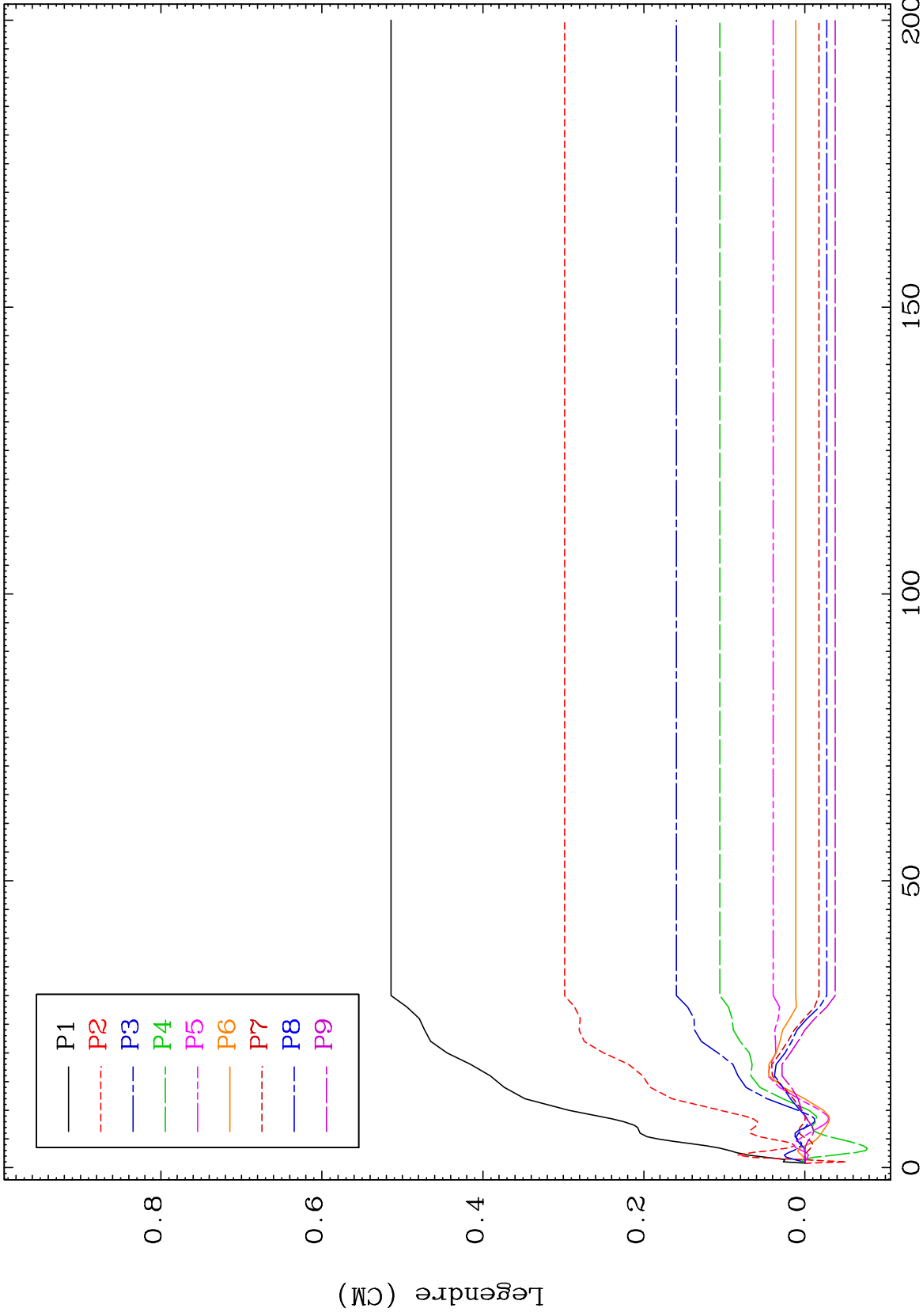
62

64-Gd-151

MAT 6422

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

64-Gd-151



63

Incident Energy (MeV)

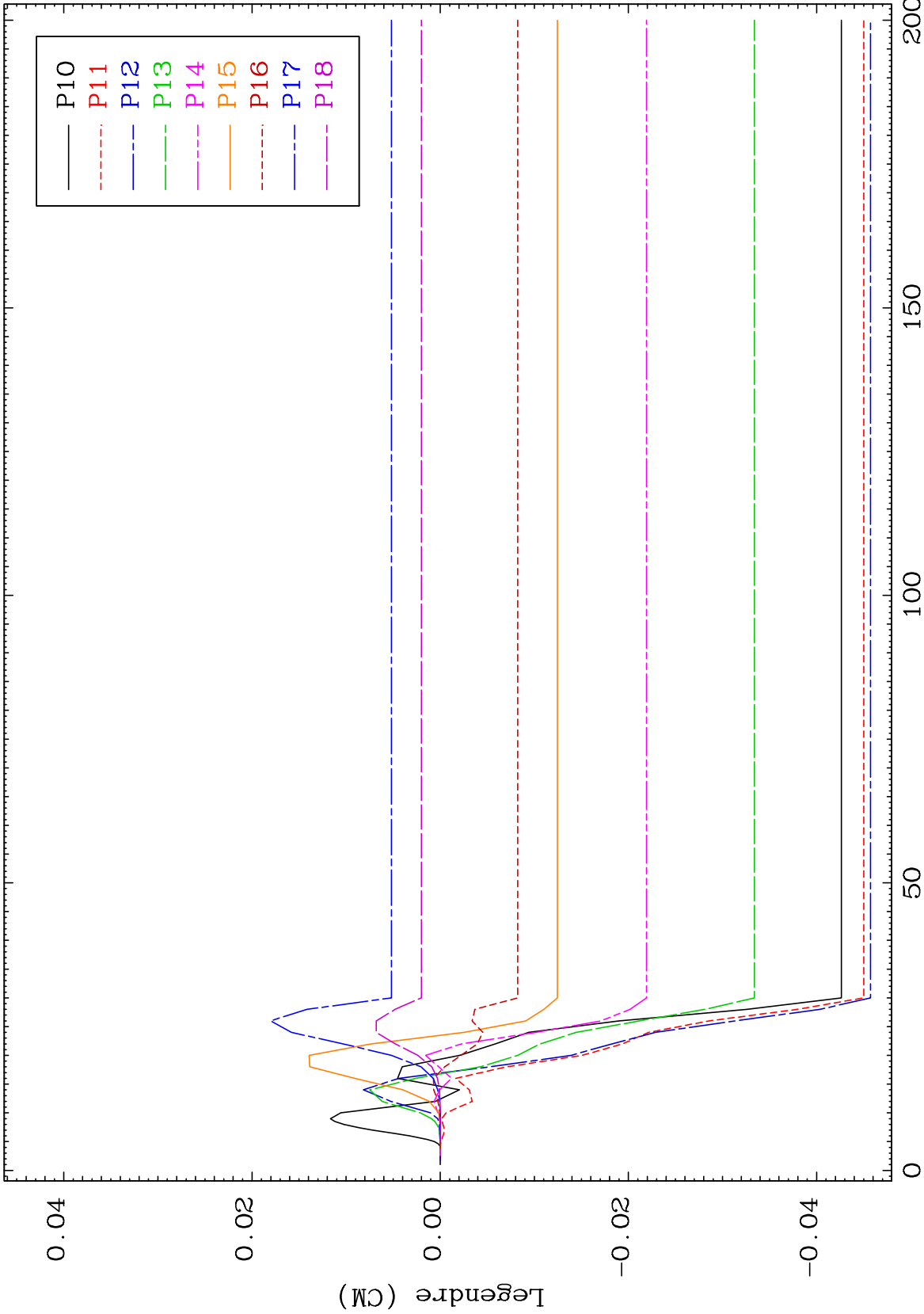
64-Gd-151



MAT 6422

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

64-Gd-151



64

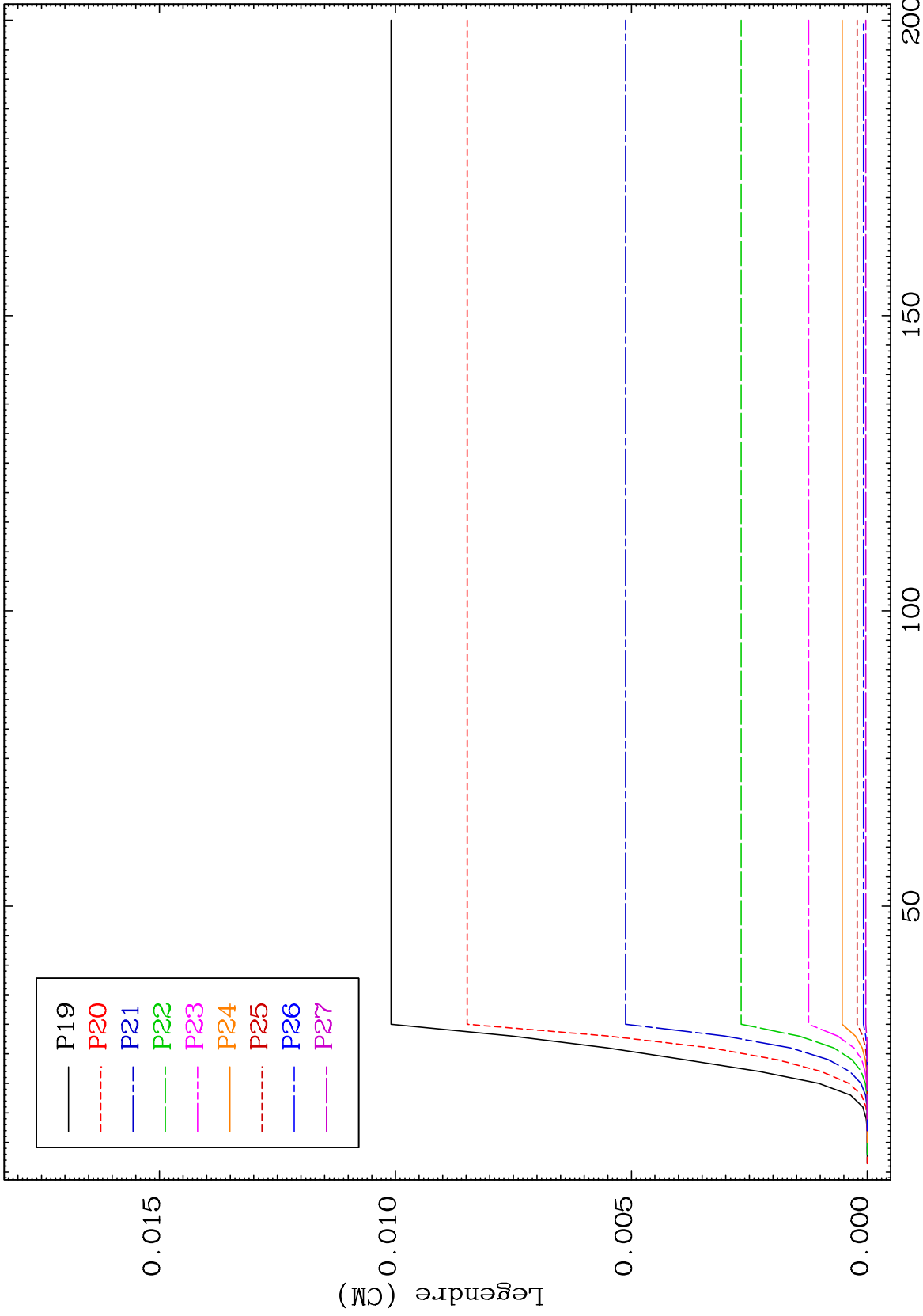
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



65

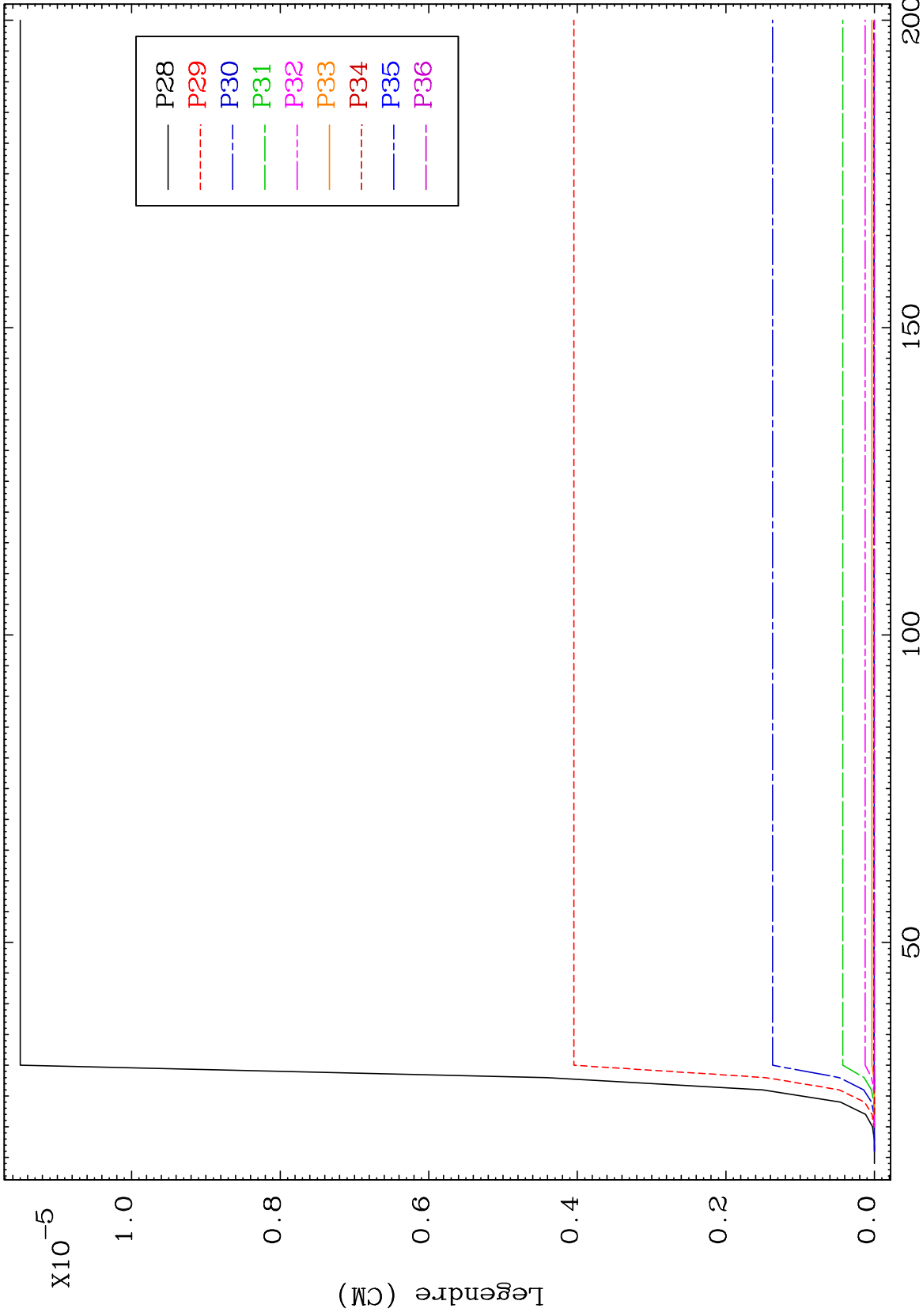
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



66

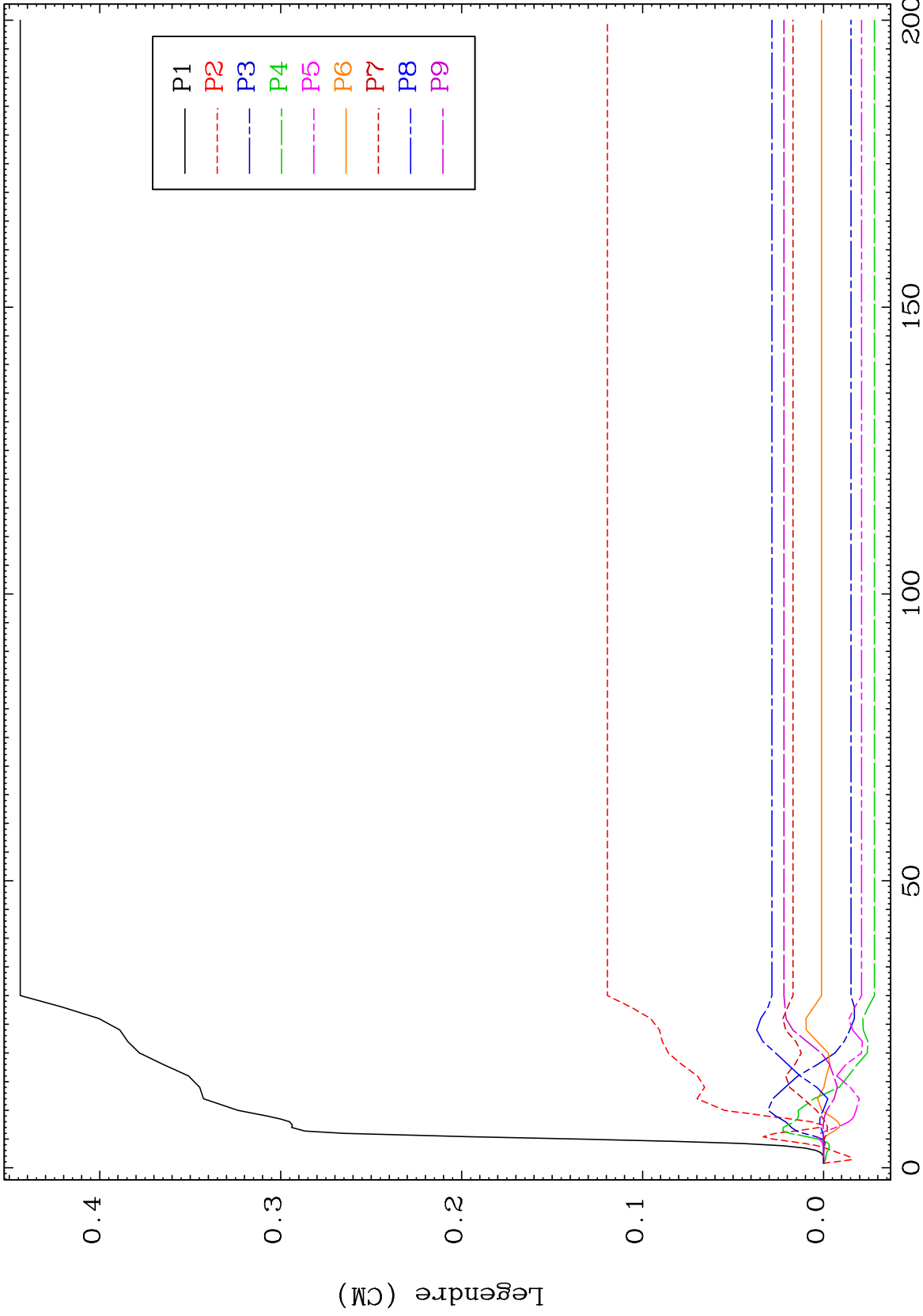
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



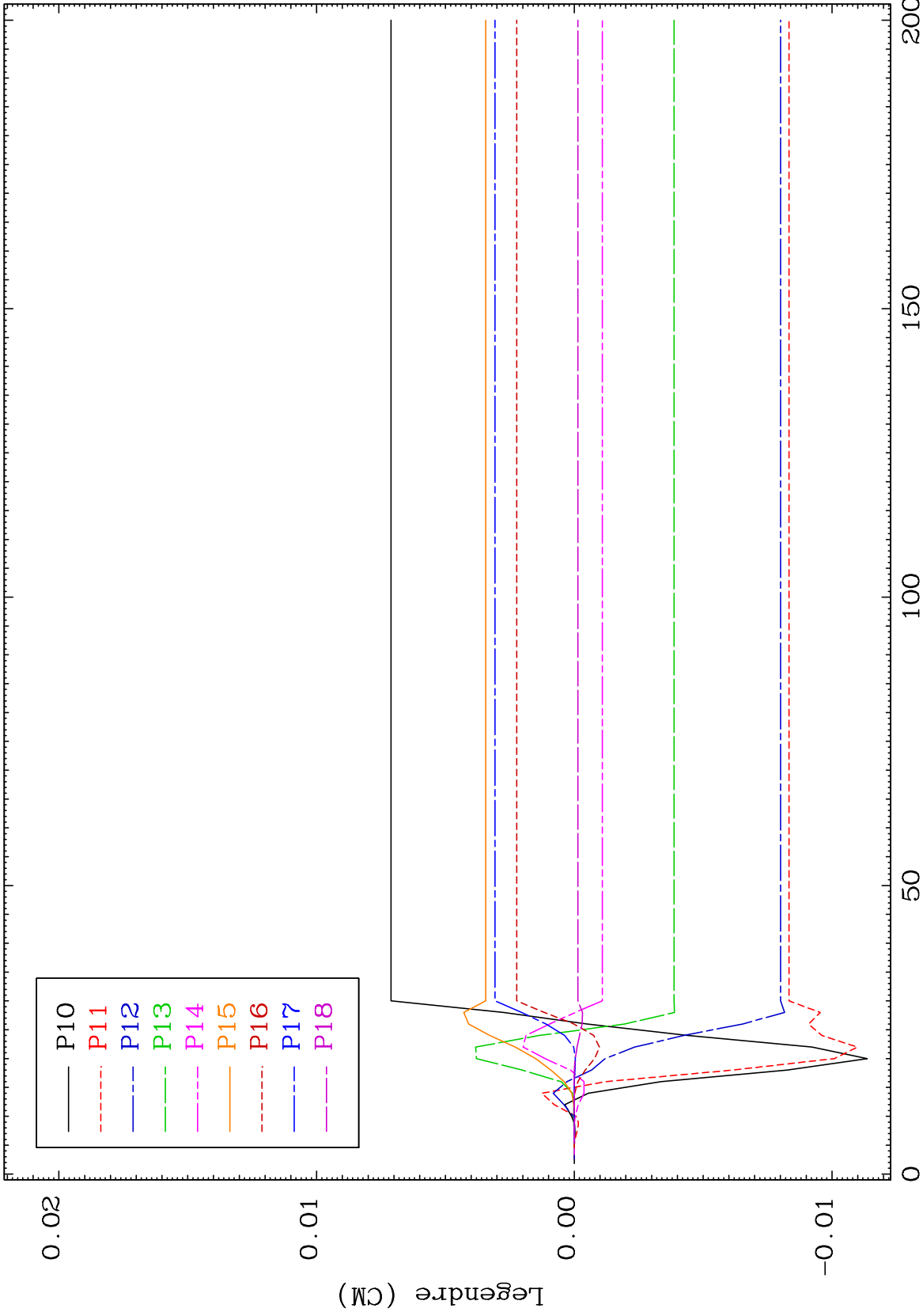
67

64-Gd-151

MAT 6422

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

64-Gd-151

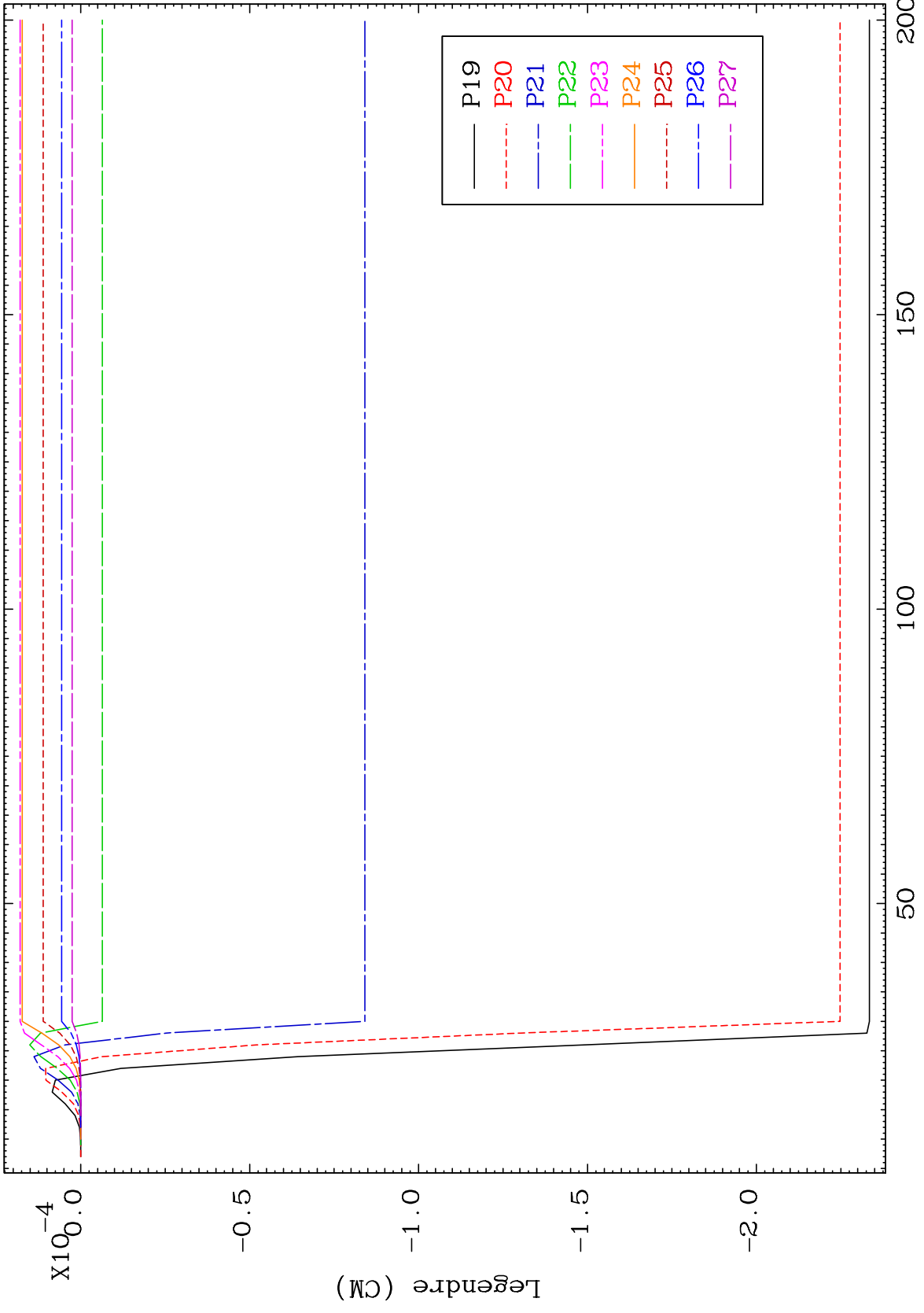


68

Incident Energy (MeV)

64-Gd-151

MAT 6422 MT= 63 (n,n') Level Legendre Coefficients 64-Gd-151

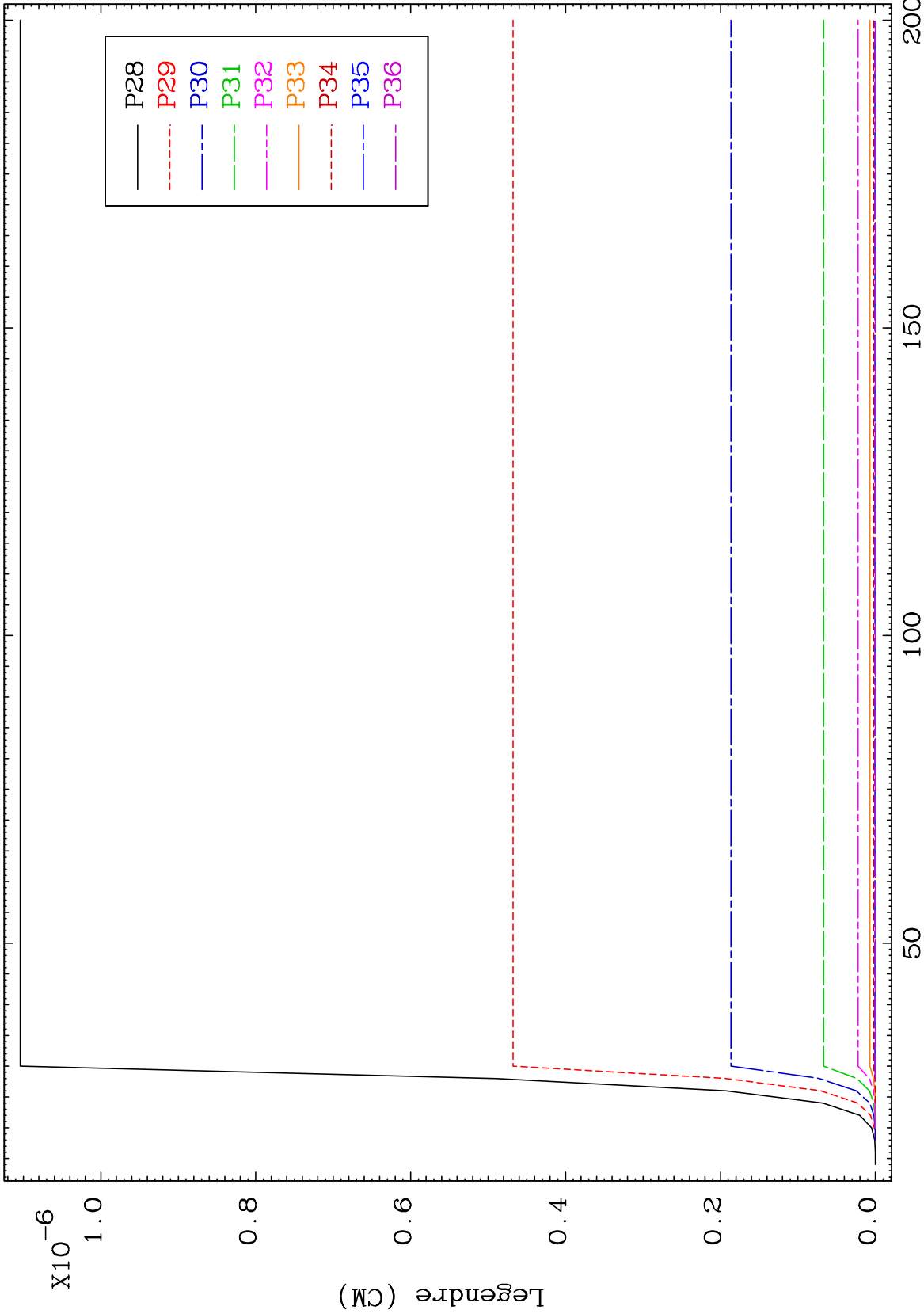


69 64-Gd-151

MAT 6422

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

64-Gd-151



70

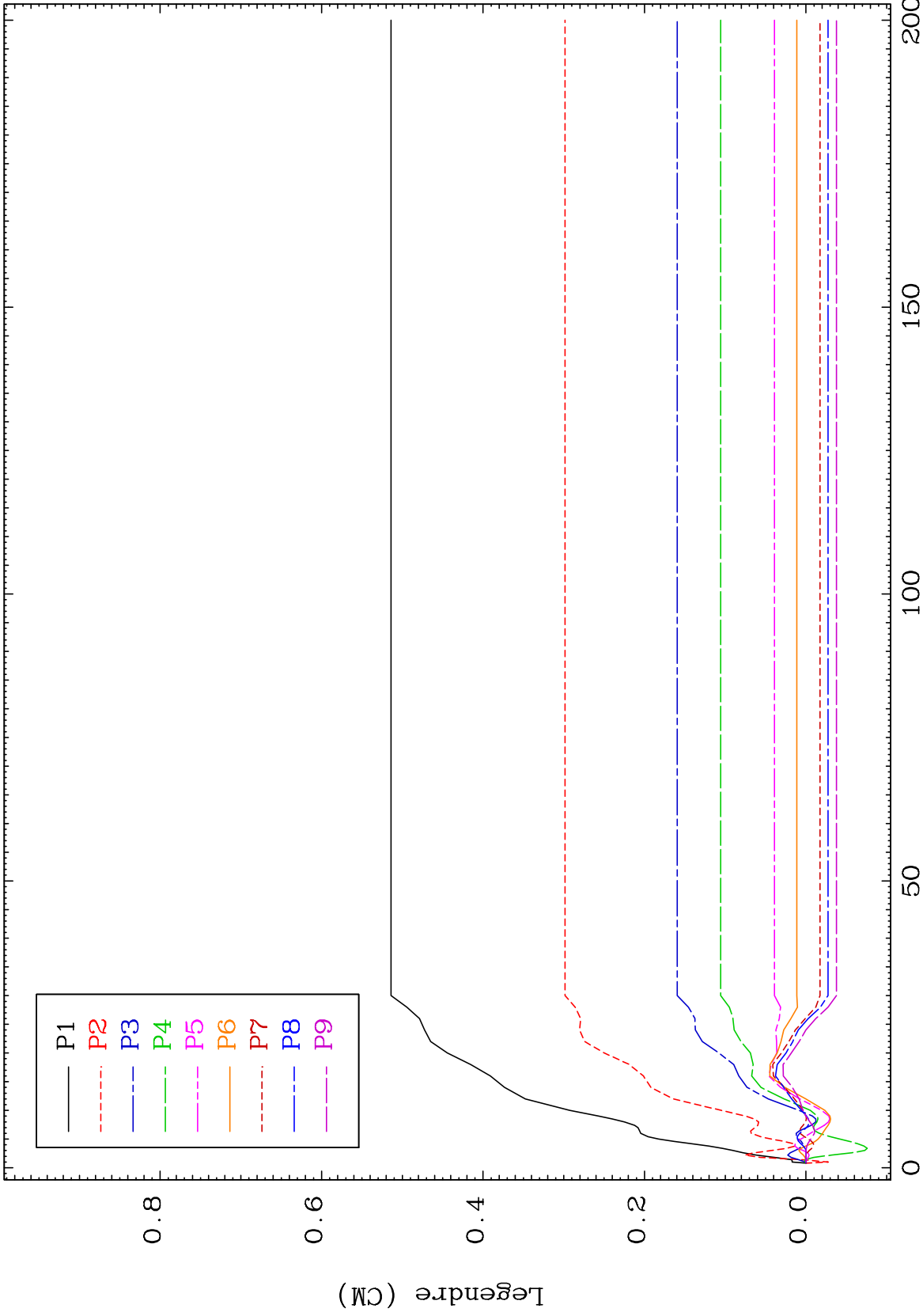
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



71

Incident Energy (MeV)

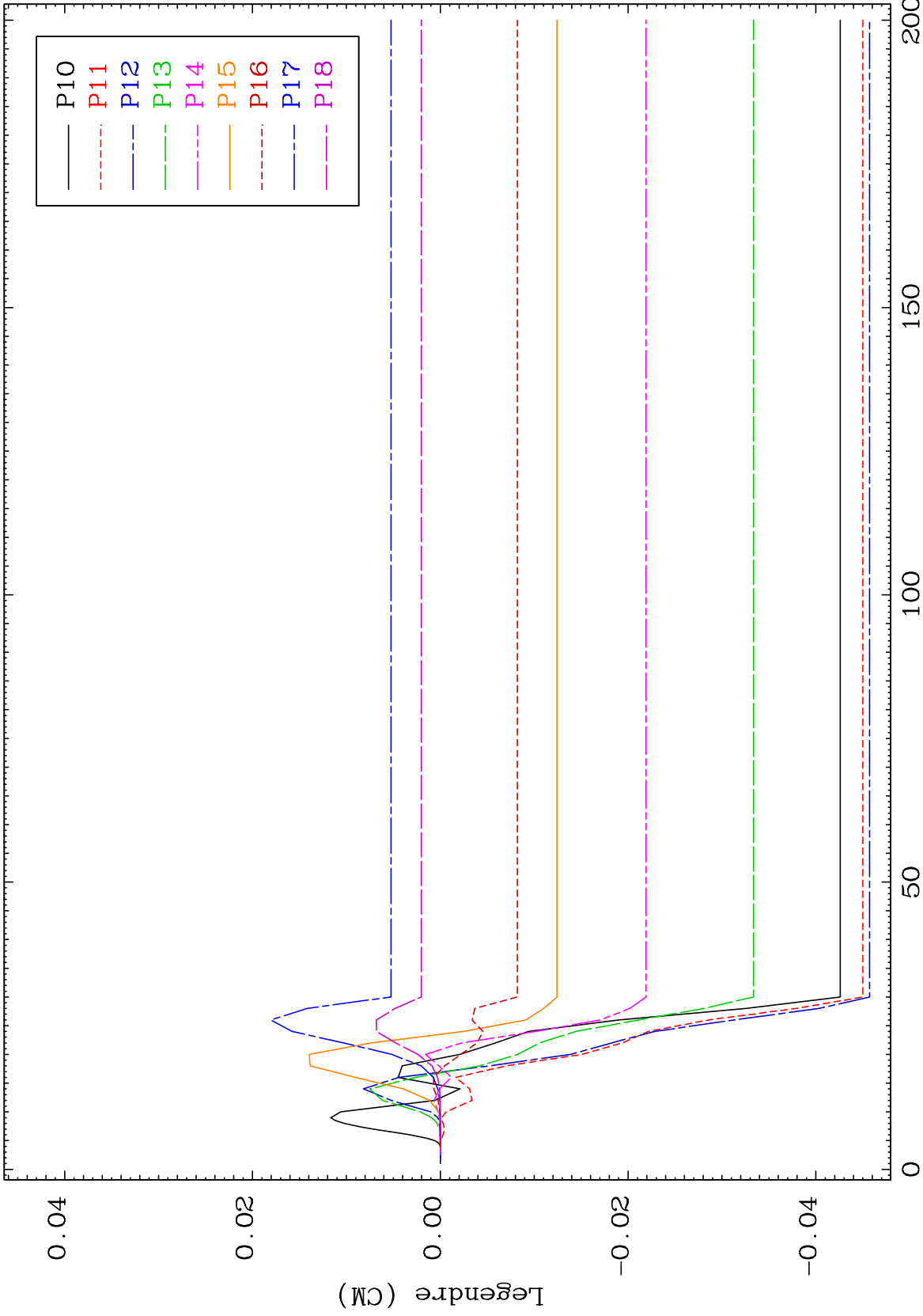
64-Gd-151



MAT 6422

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

64-Gd-151



72

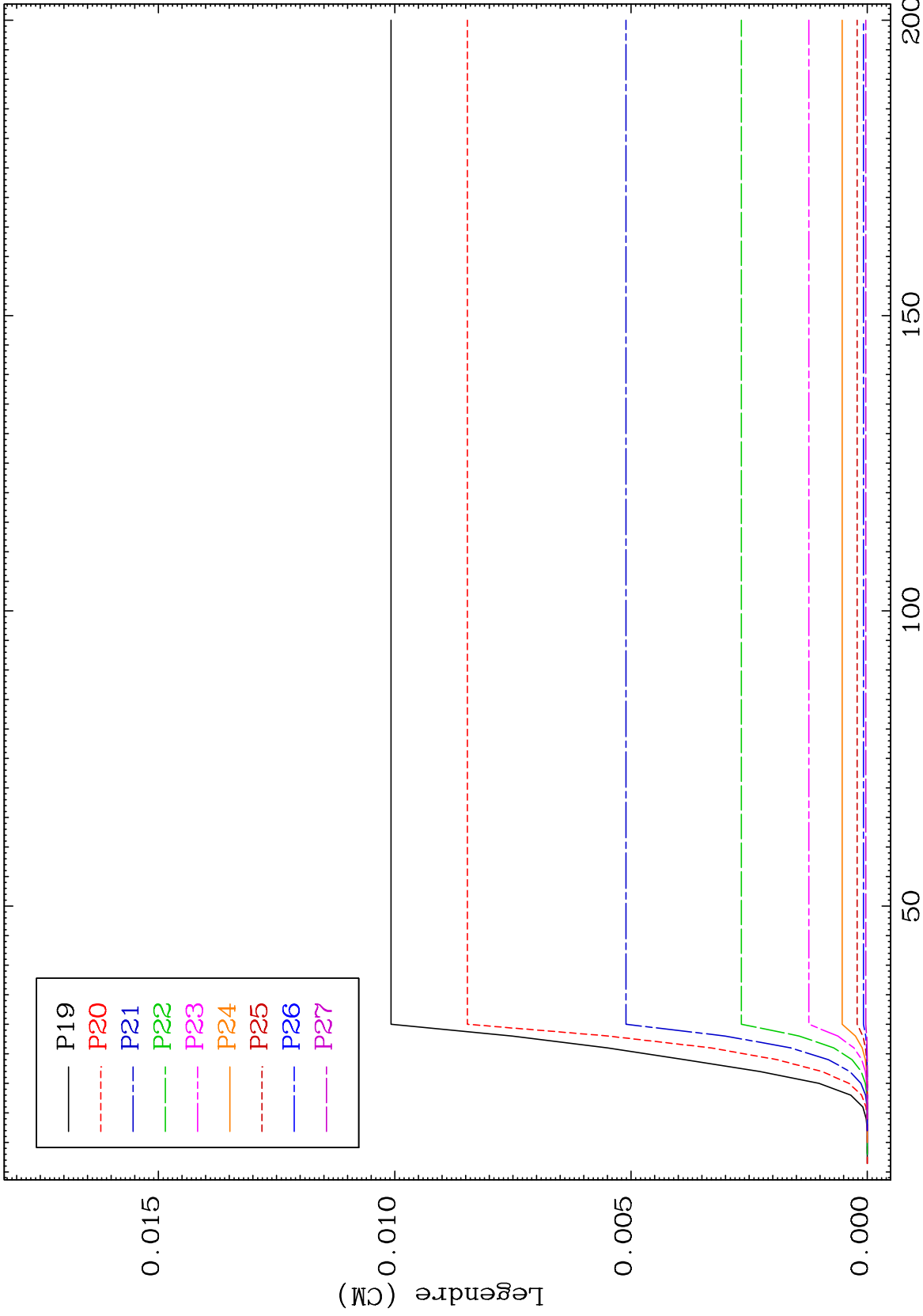
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



73

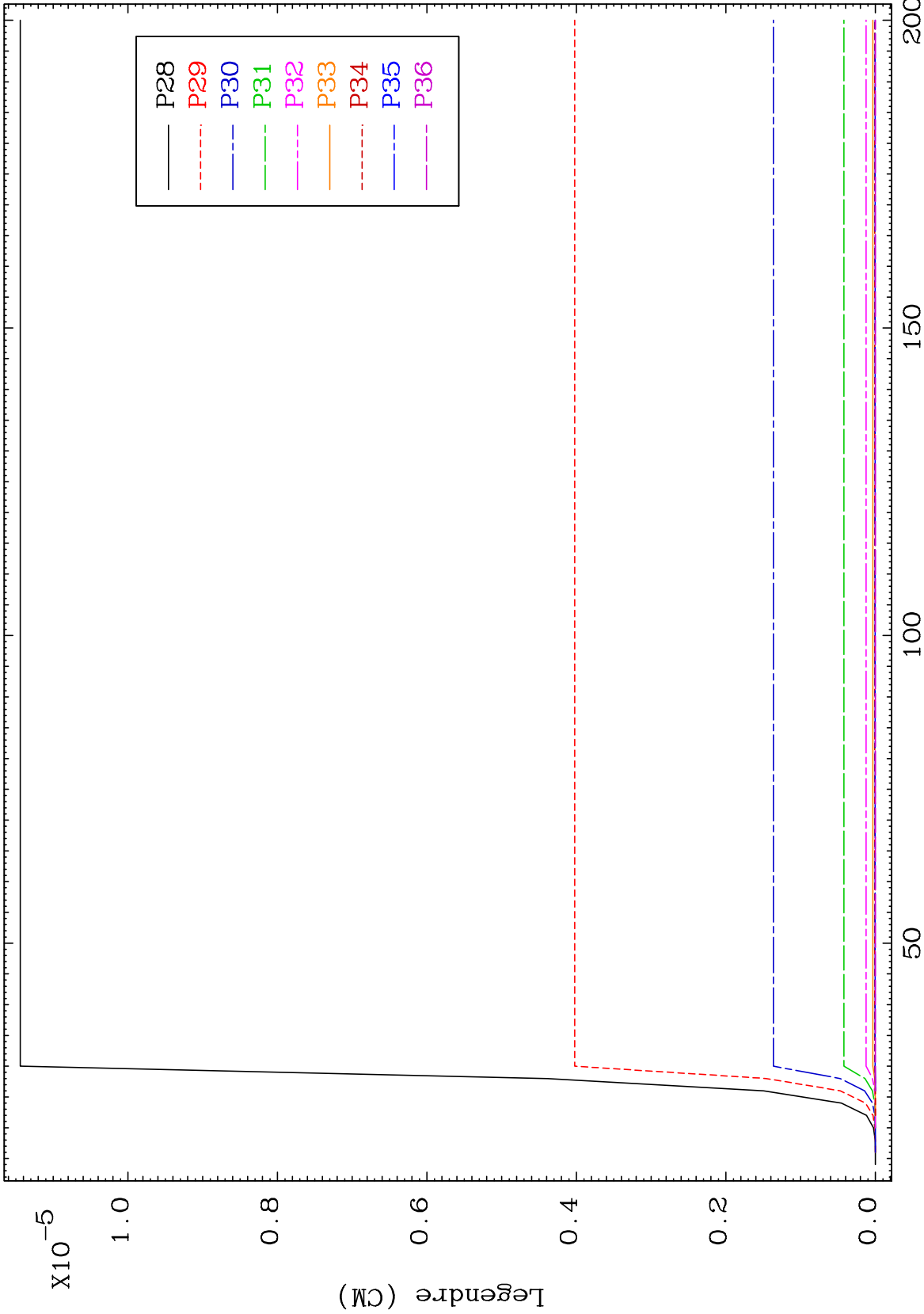
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



74

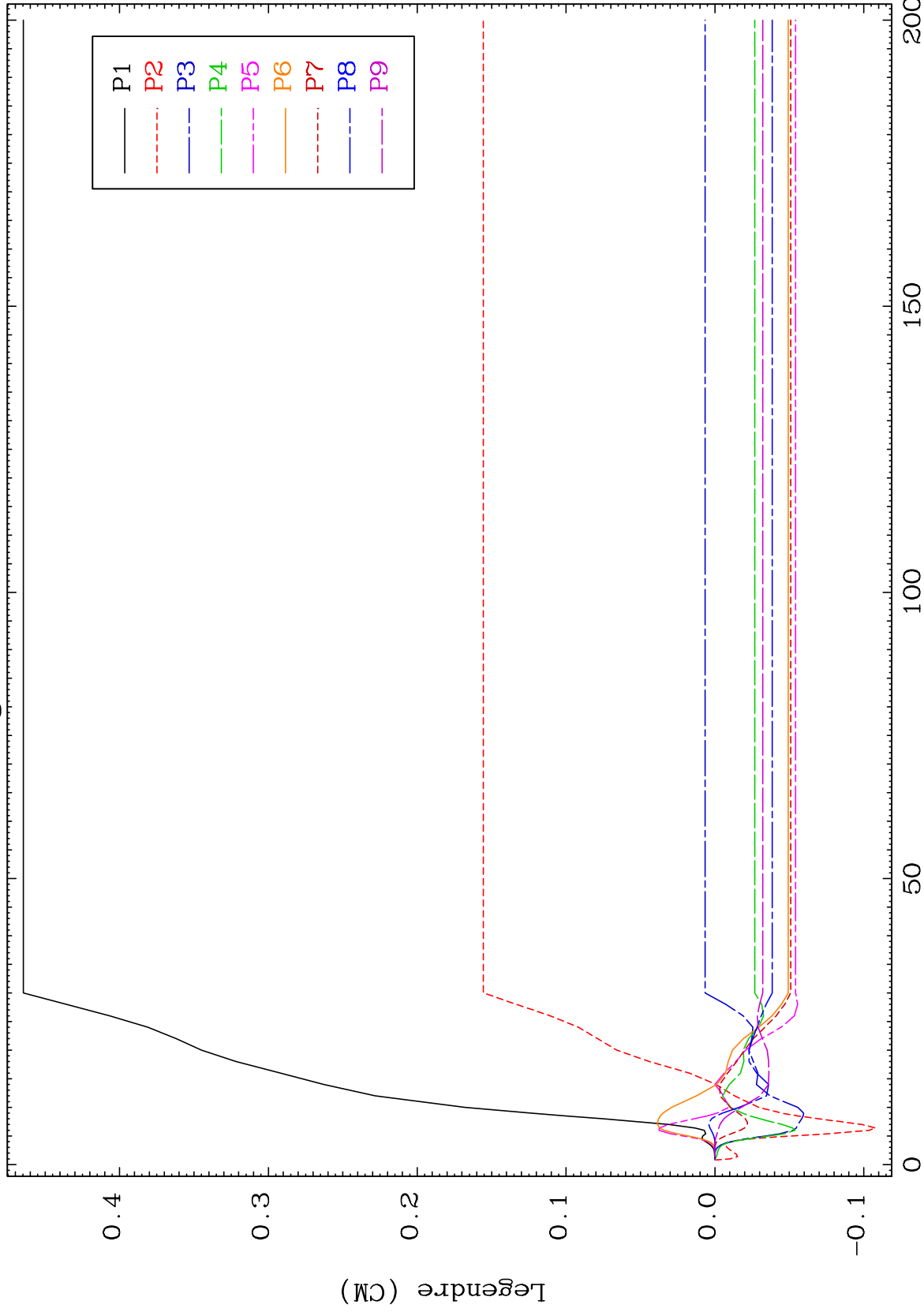
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151

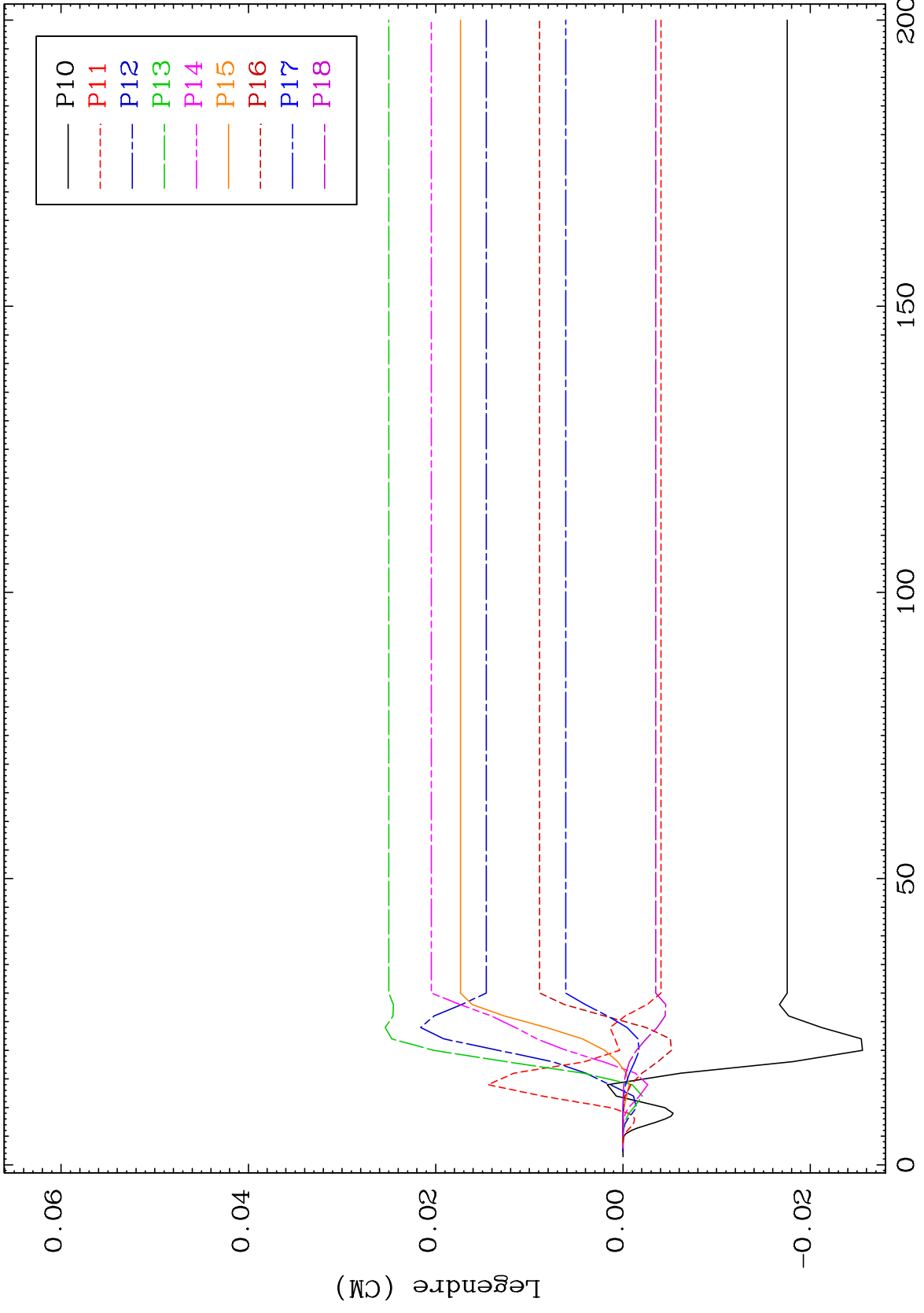


75

Incident Energy (MeV)

64-Gd-151

MAT 6422 MT= 65 (n,n') Level Legendre Coefficients 64-Gd-151

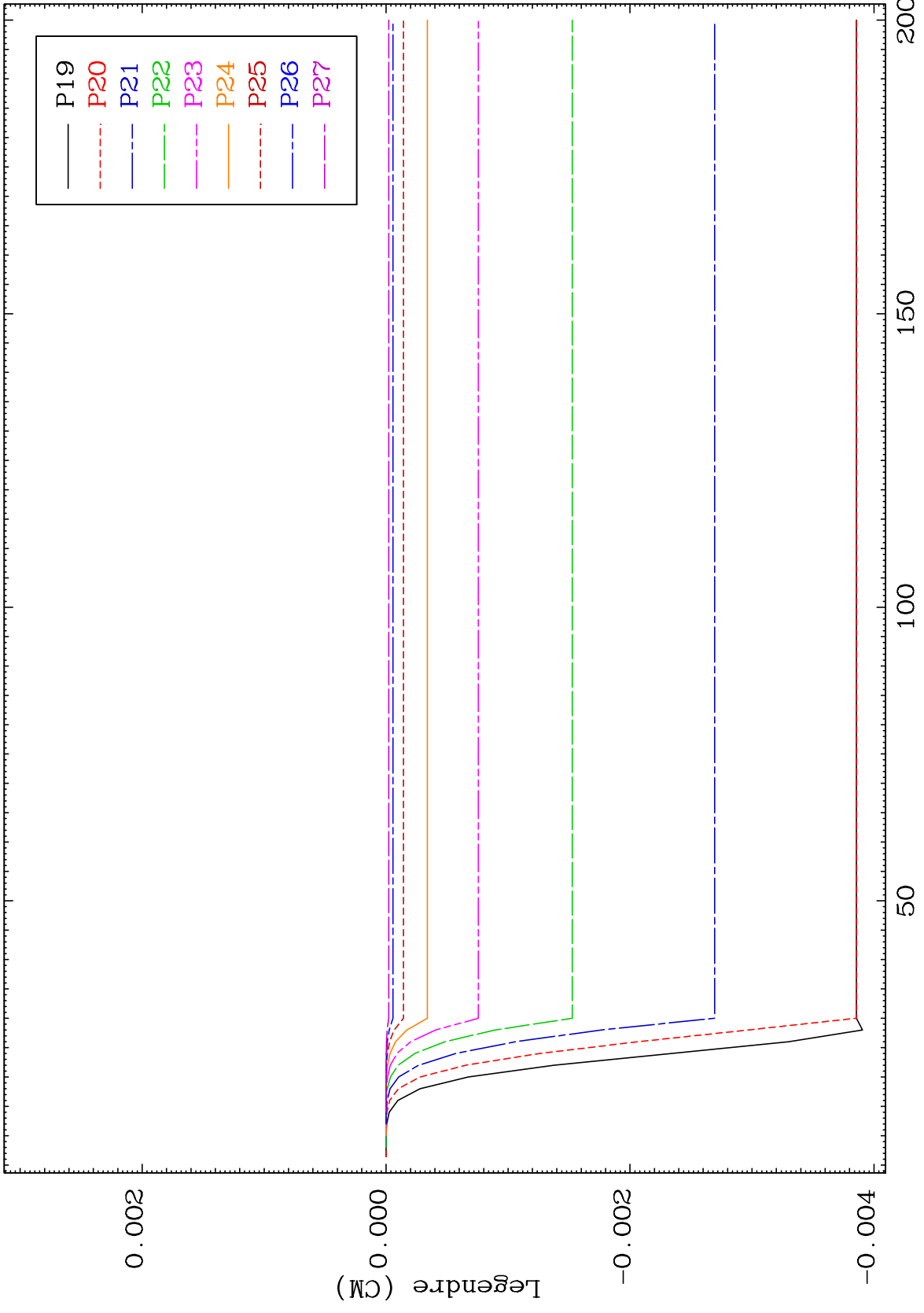


76 64-Gd-151

MAT 6422

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

64-Gd-151



77

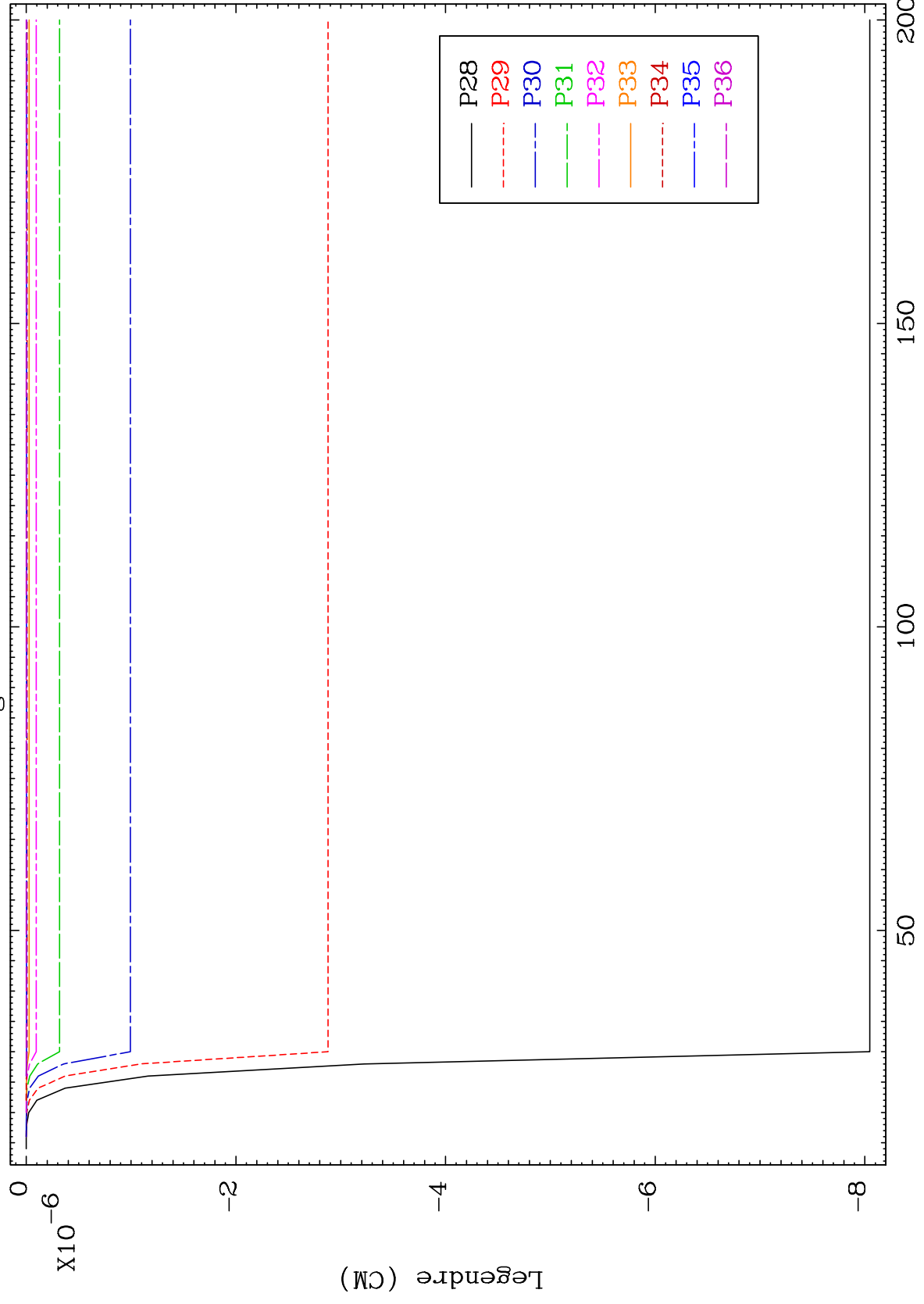
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



64-Gd-151

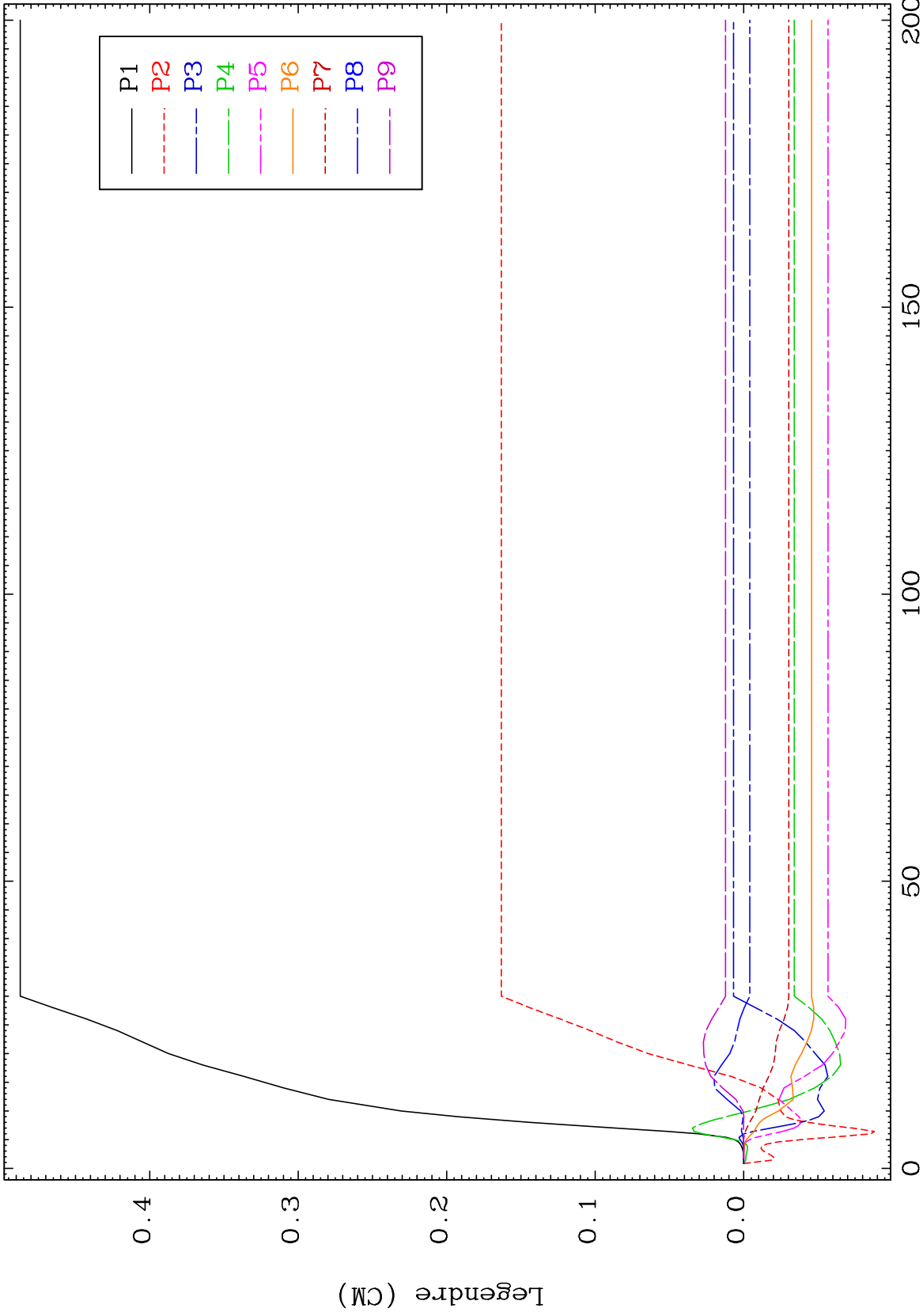
Incident Energy (MeV)

78

MAT 6422

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

64-Gd-151



79

Incident Energy (MeV)

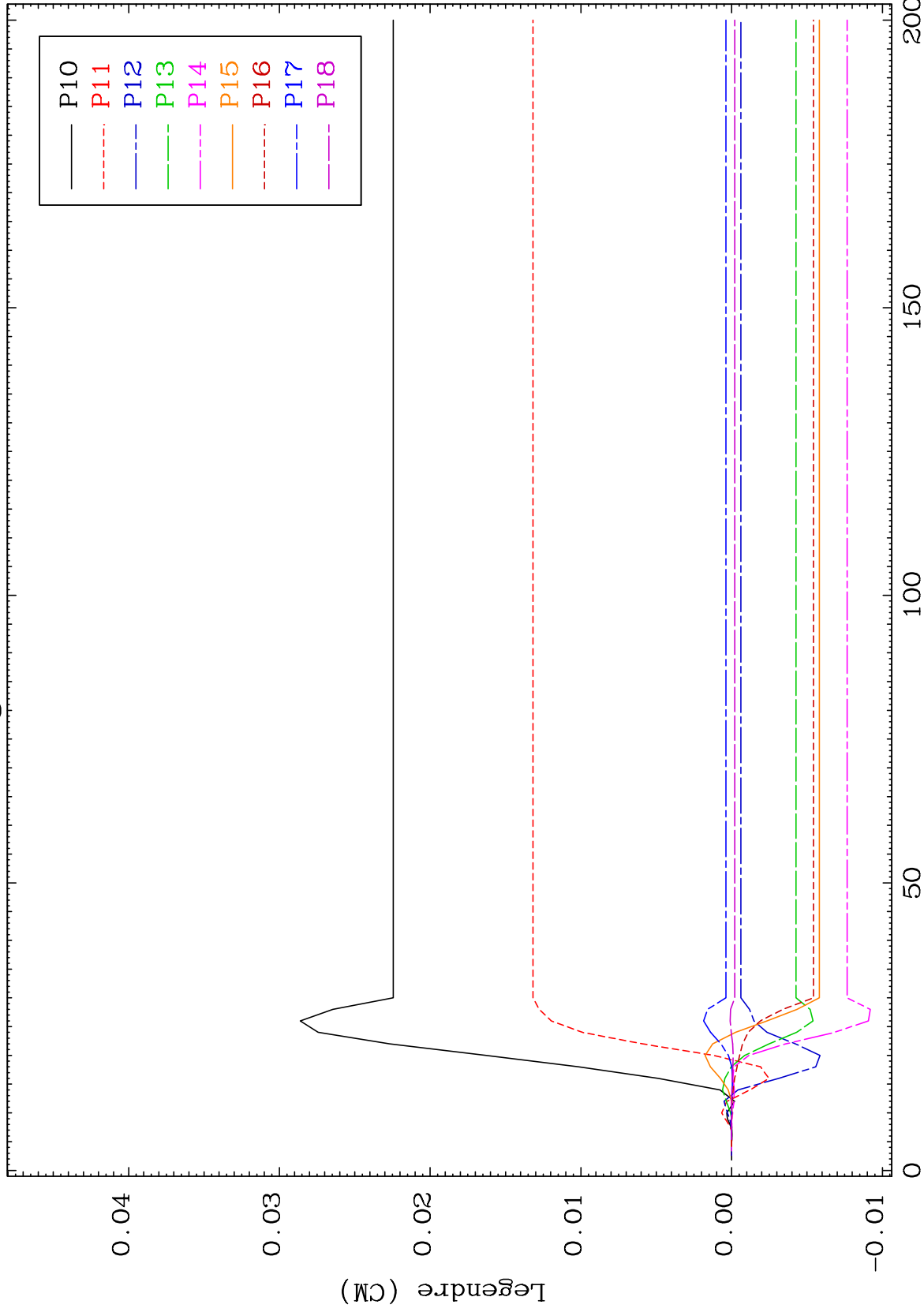
64-Gd-151



MAT 6422

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

64-Gd-151



80

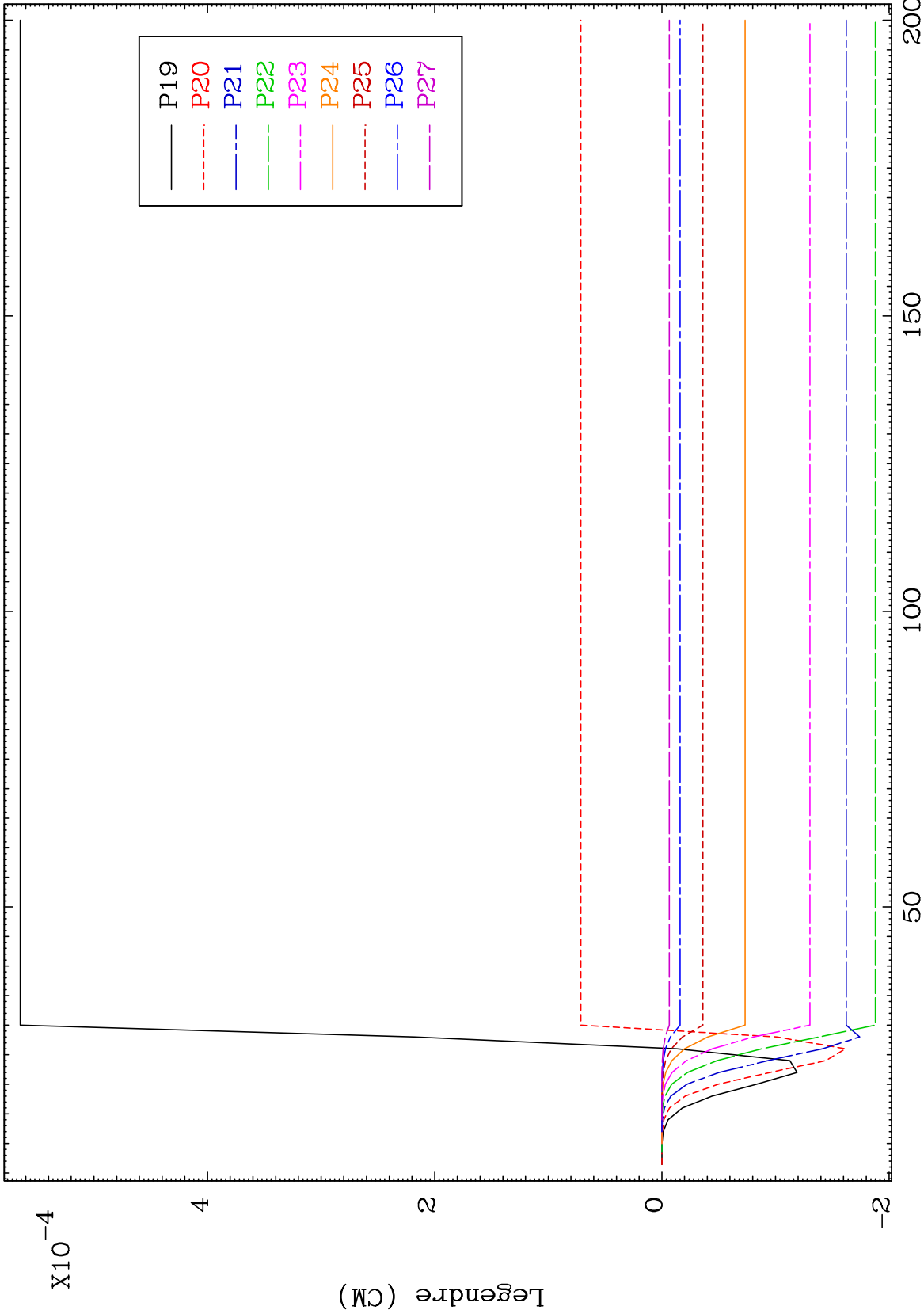
Incident Energy (MeV)

64-Gd-151

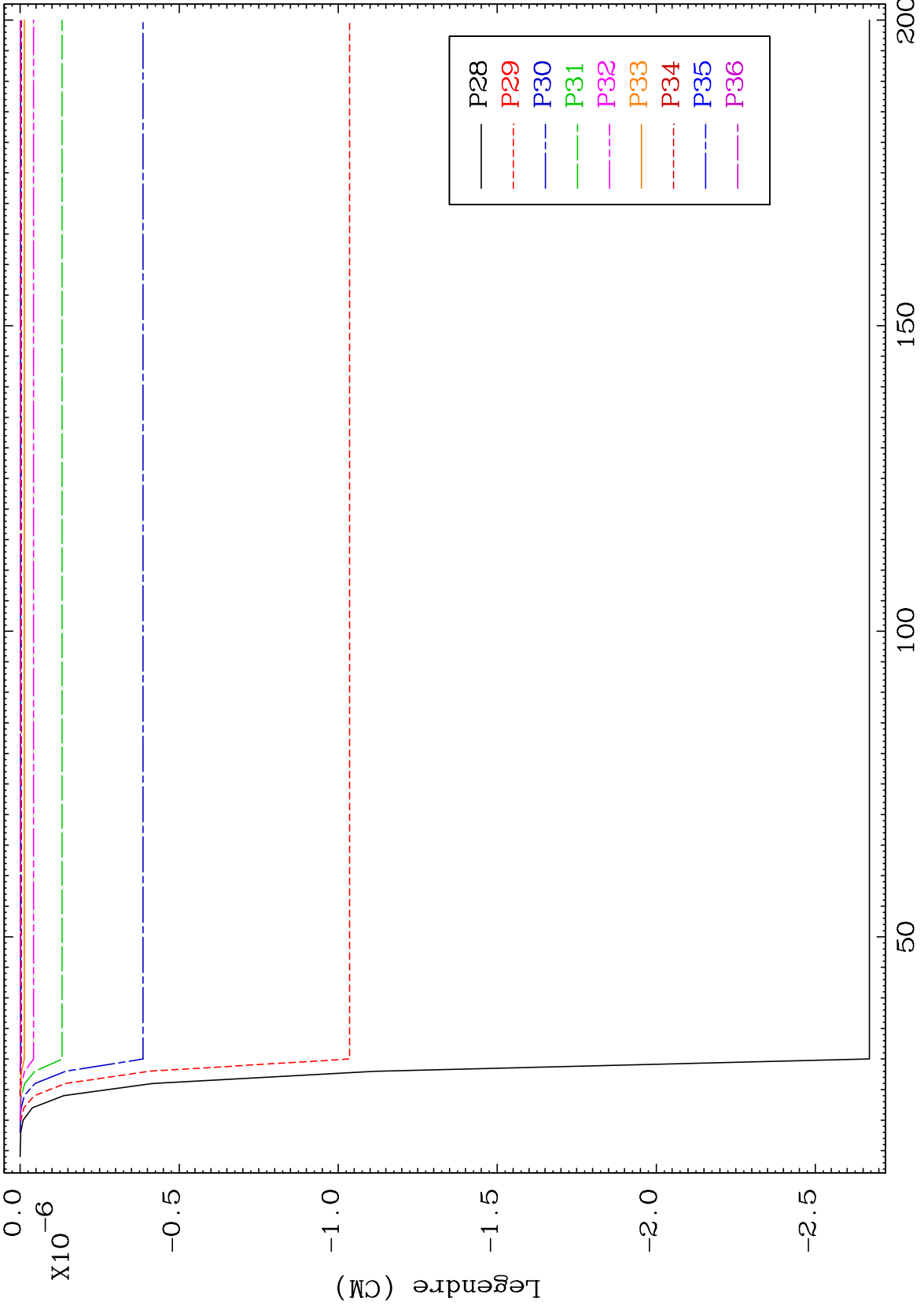
MAT 6422

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

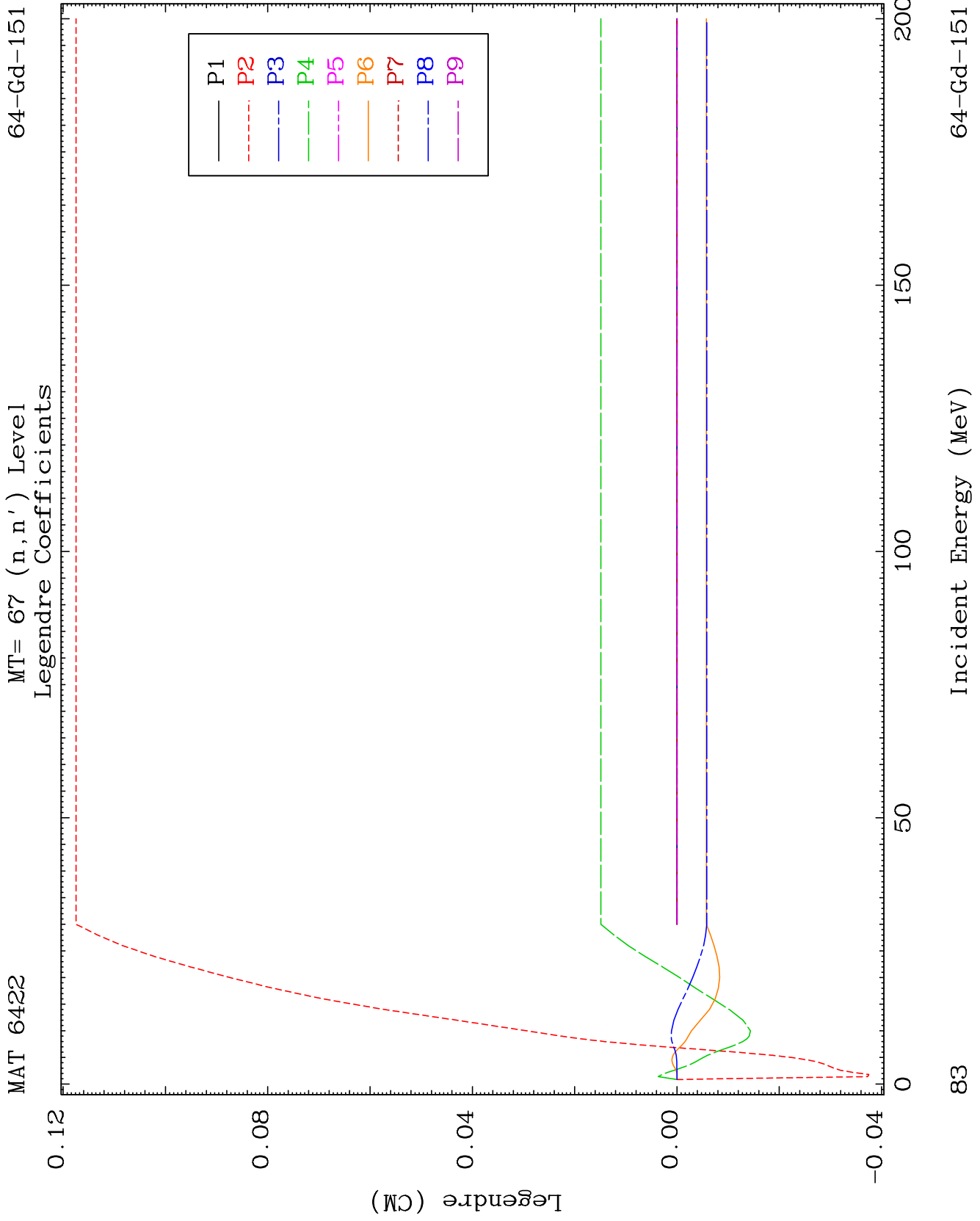
64-Gd-151



MAT 6422 MT= 66 (n,n') Level Legendre Coefficients 64-Gd-151



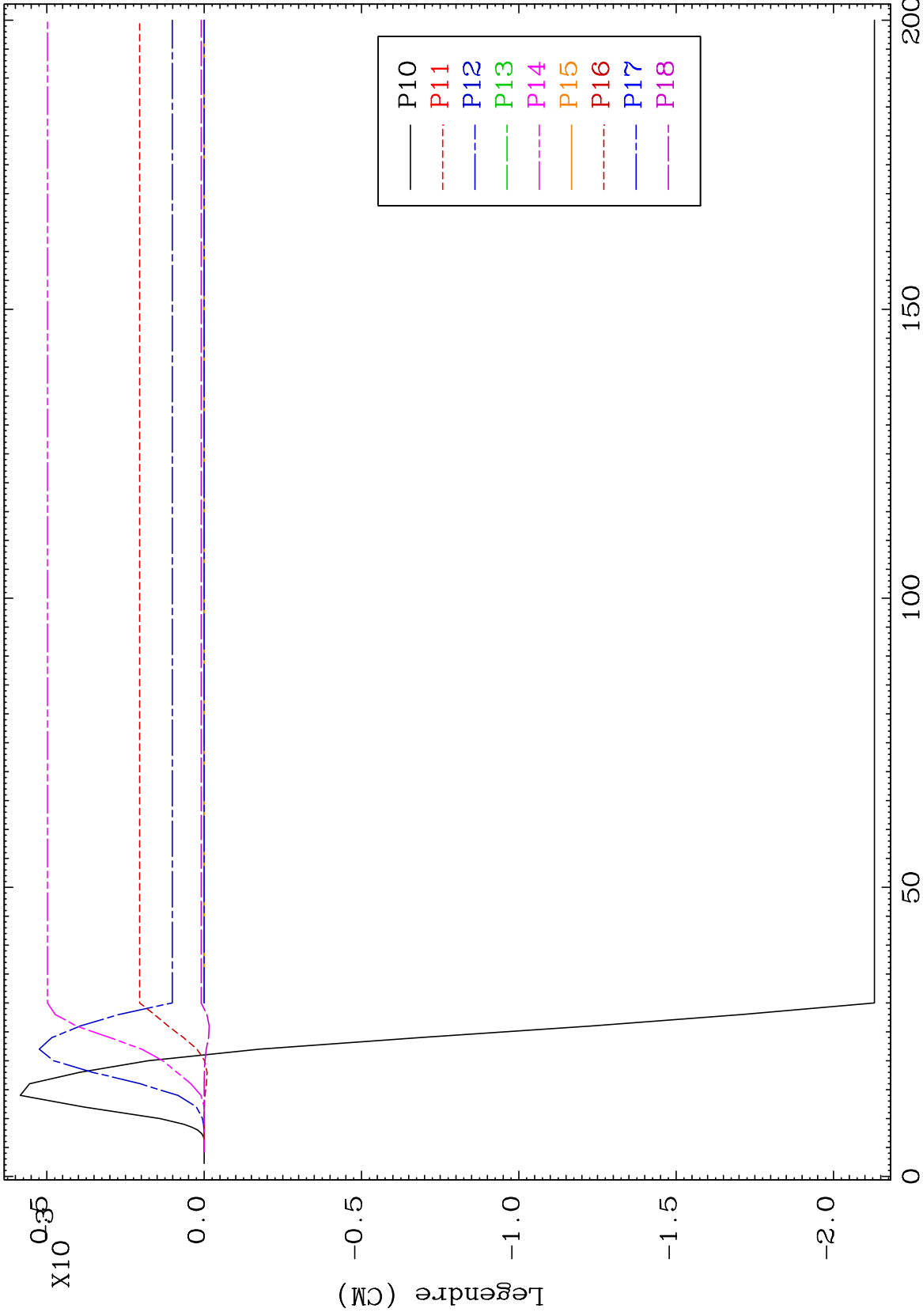
82 64-Gd-151



MAT 6422

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

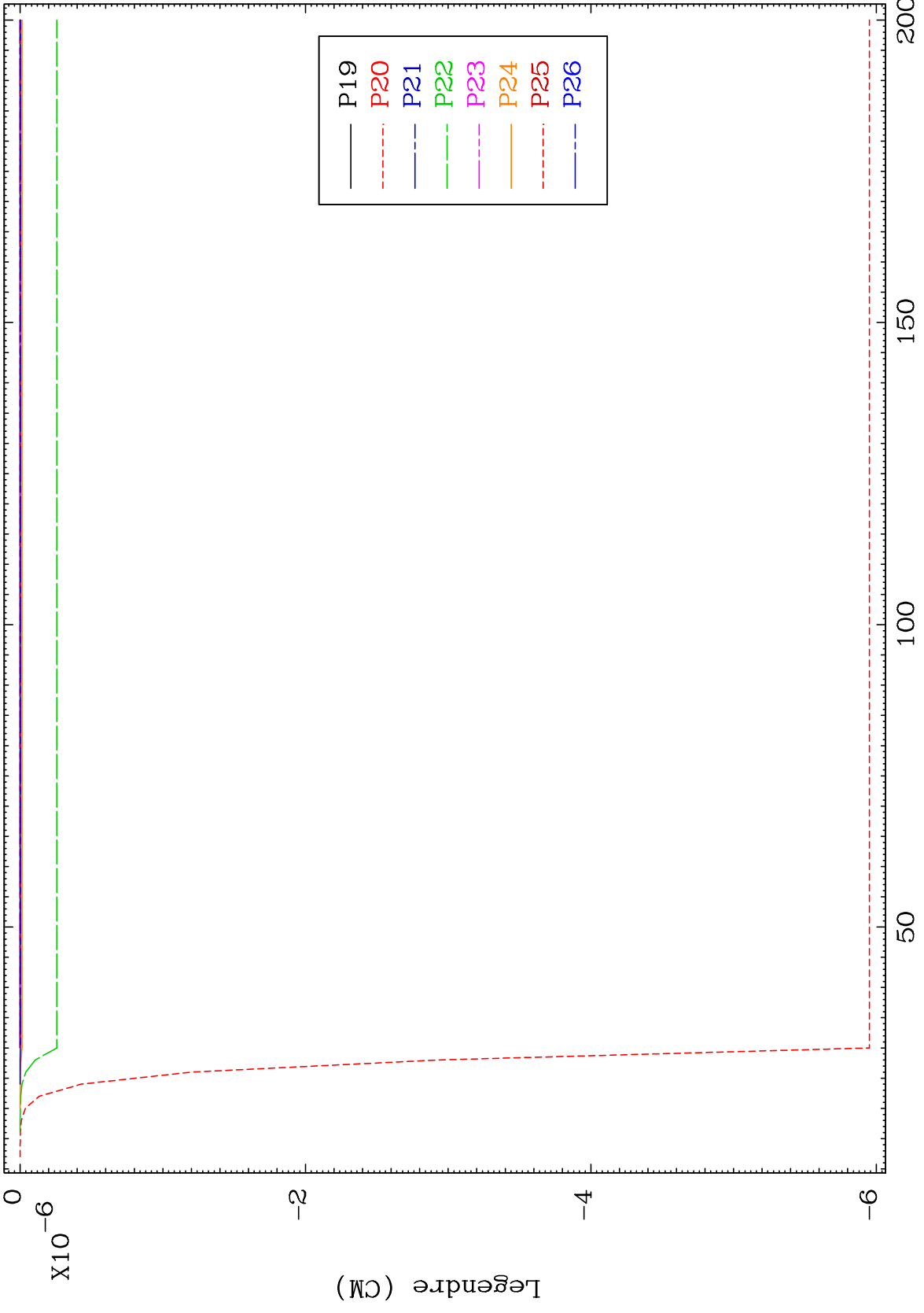
64-Gd-151



84

64-Gd-151

MAT 6422 MT= 67 (n,n') Level Legendre Coefficients 64-Gd-151

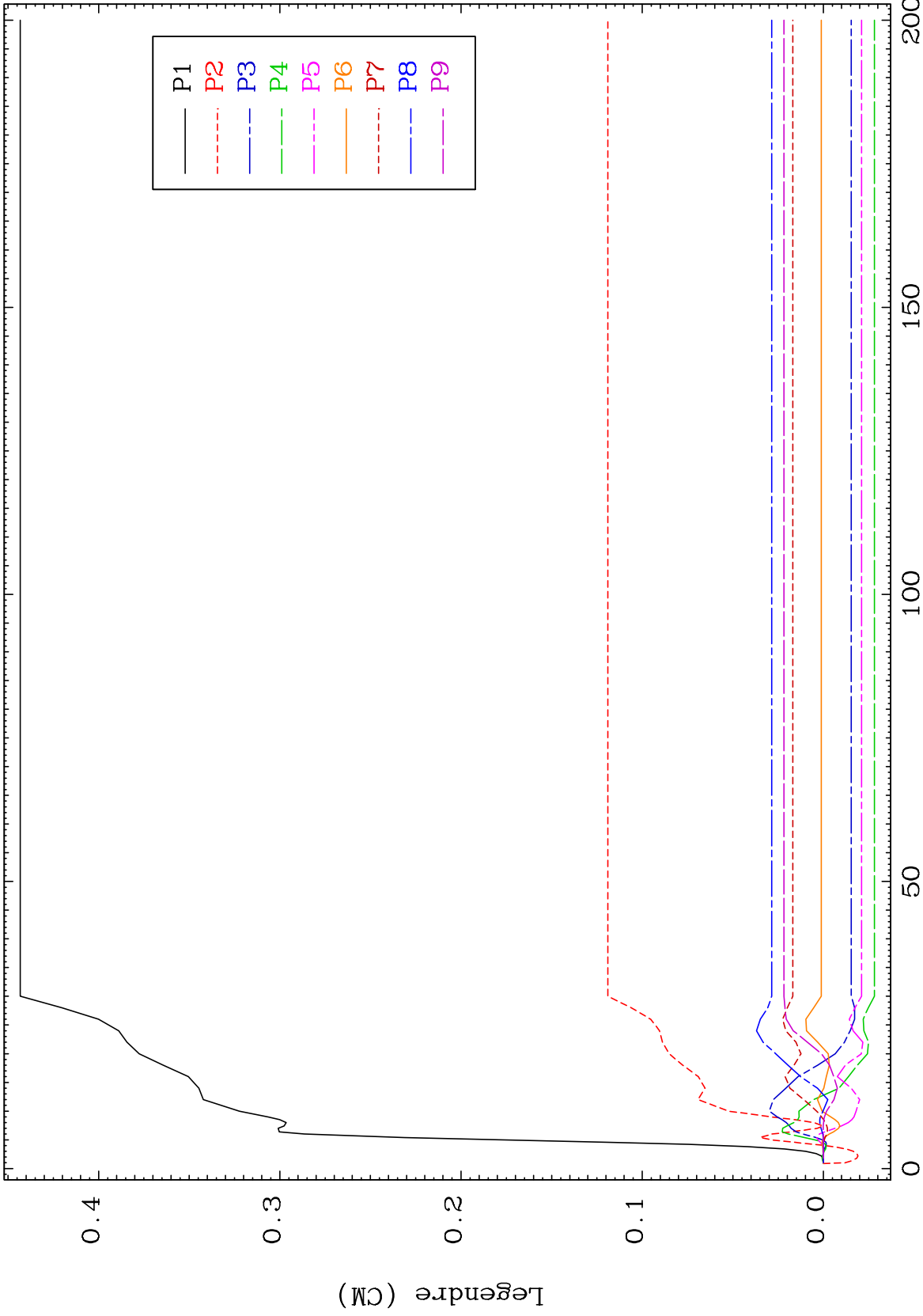


85 64-Gd-151

MAT 6422

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

64-Gd-151



86

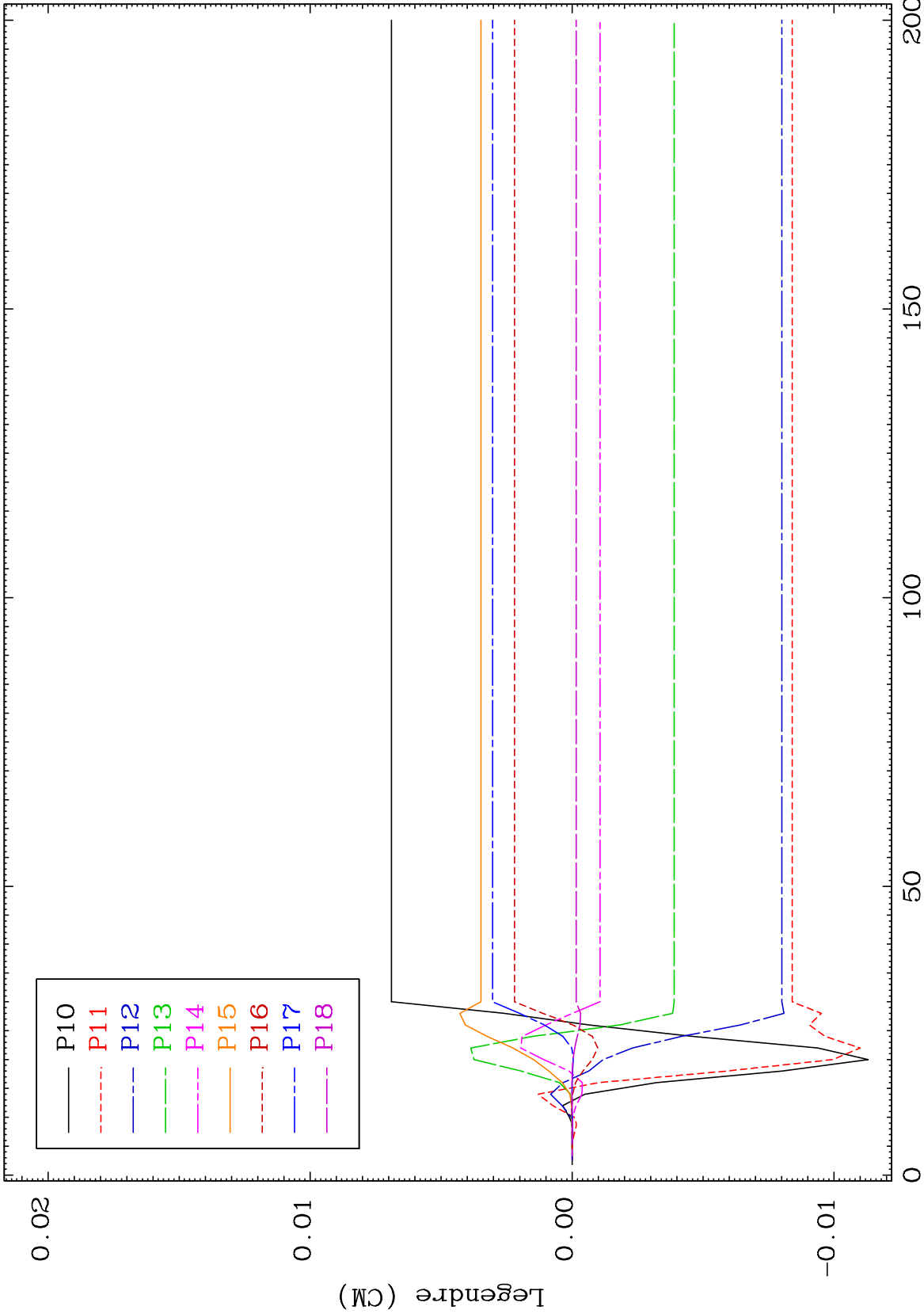
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



87

Incident Energy (MeV)

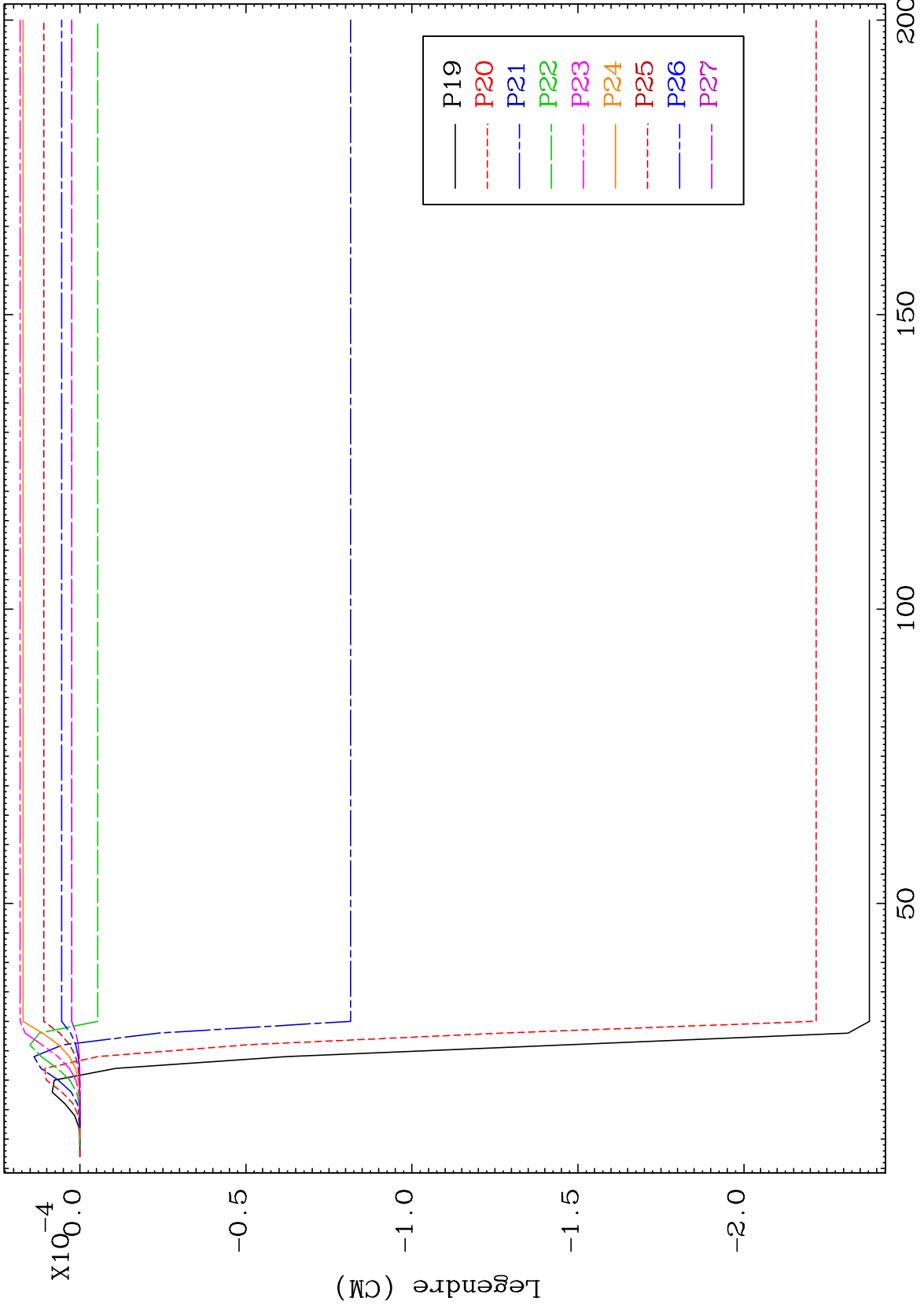
64-Gd-151



MAT 6422

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

64-Gd-151



64-Gd-151

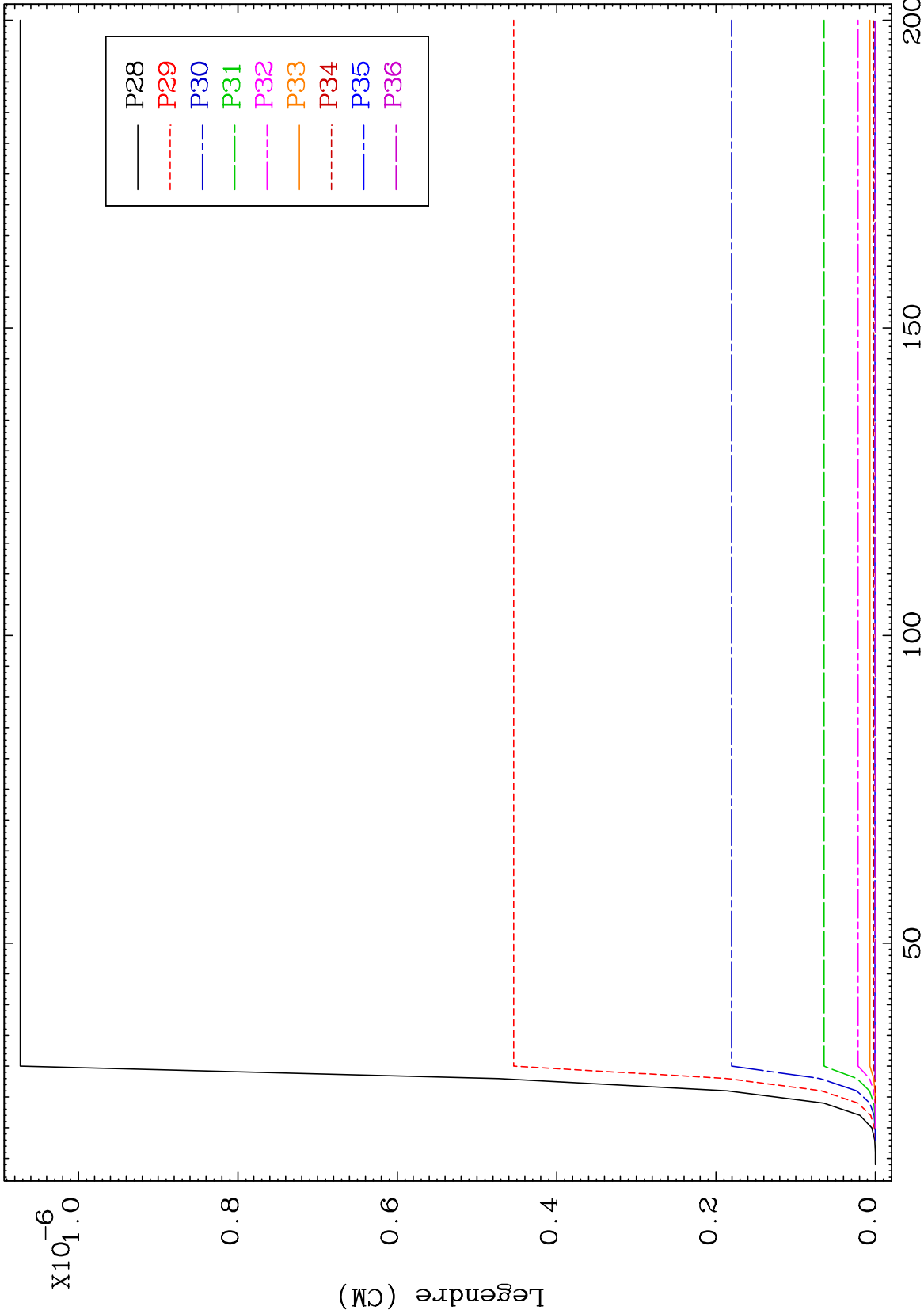
Incident Energy (MeV)

88

MAT 6422

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

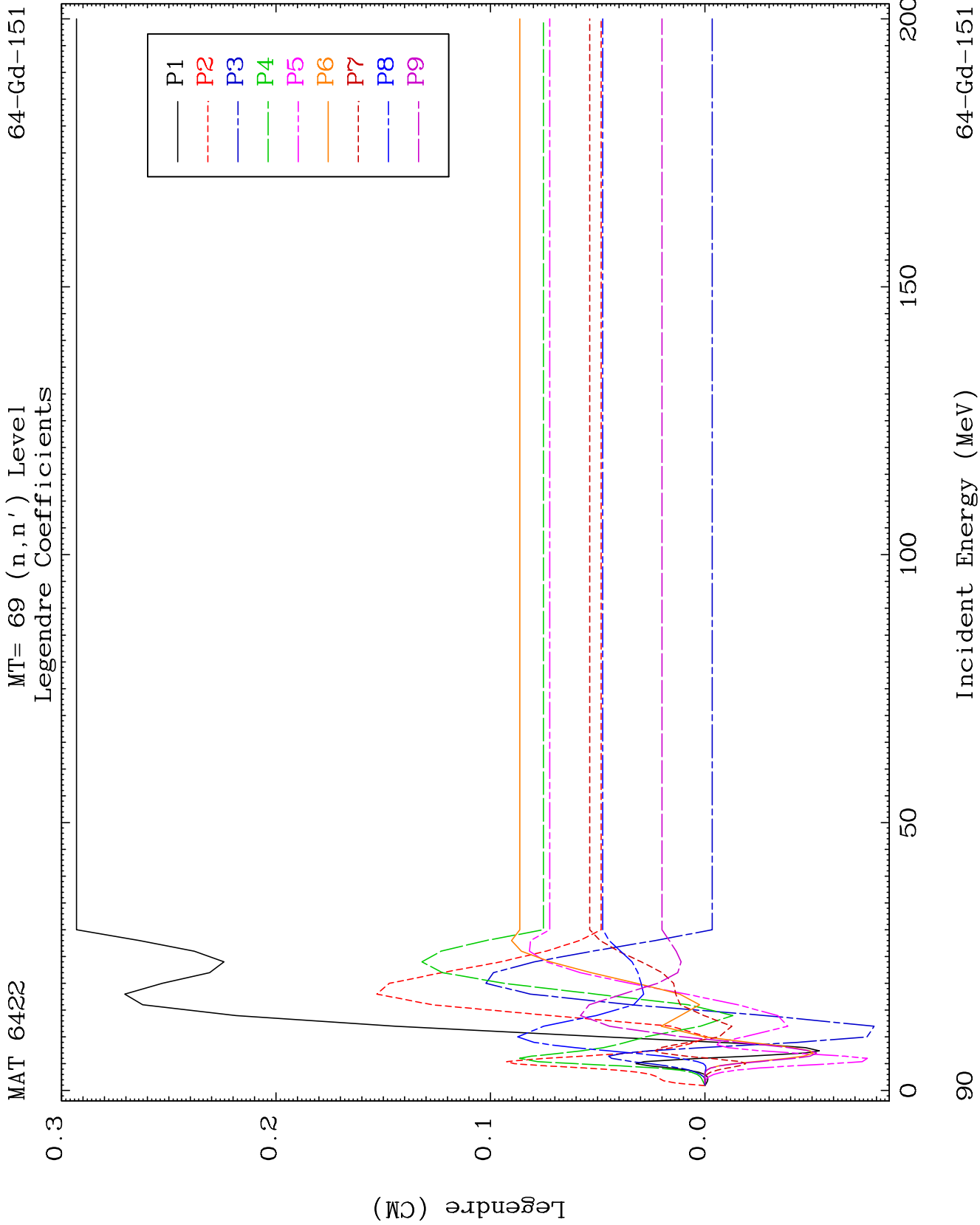
64-Gd-151



89

Incident Energy (MeV)

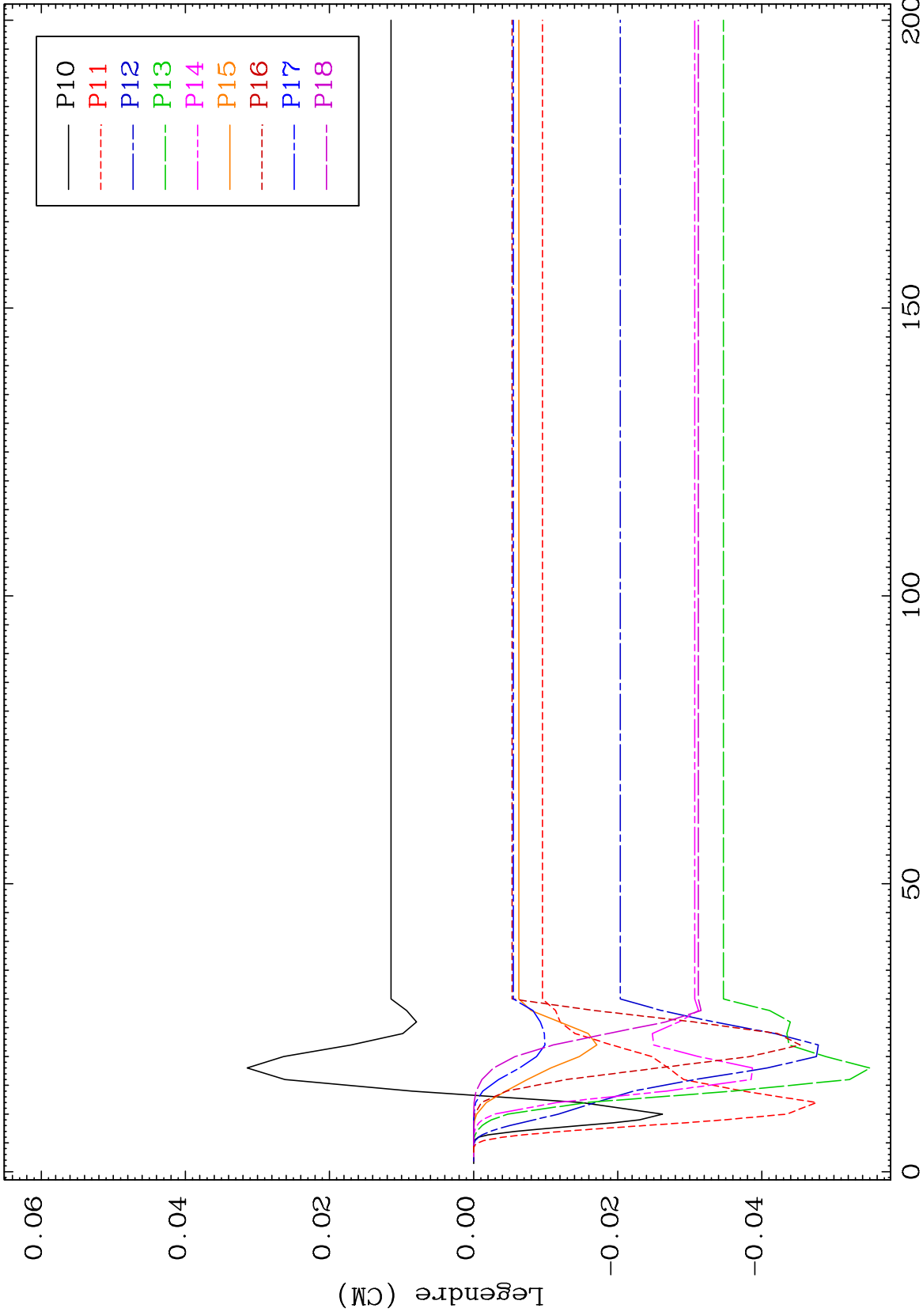
64-Gd-151



MAT 6422

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

64-Gd-151



91

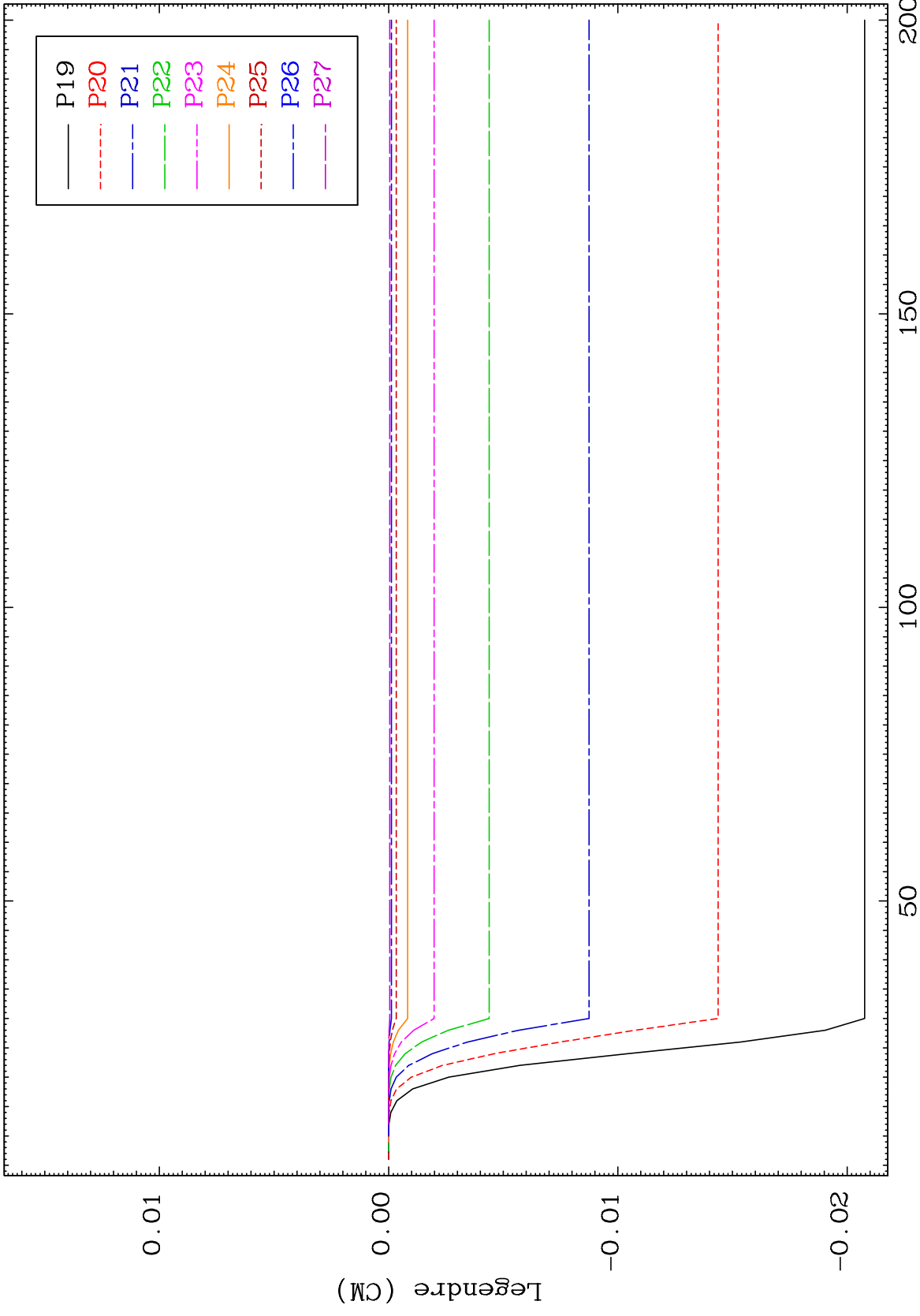
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151

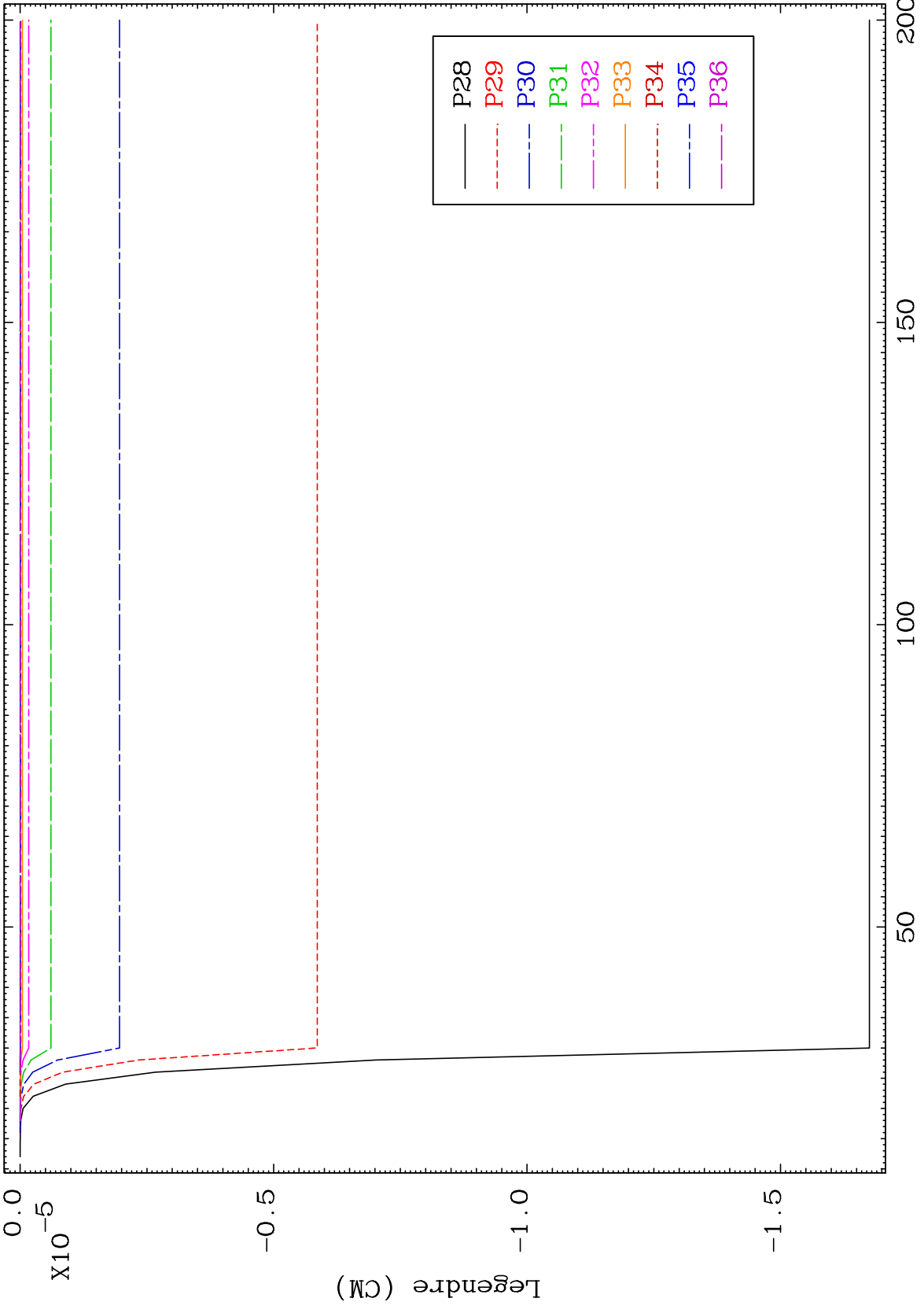


92

Incident Energy (MeV)

64-Gd-151

Legendre Coefficients

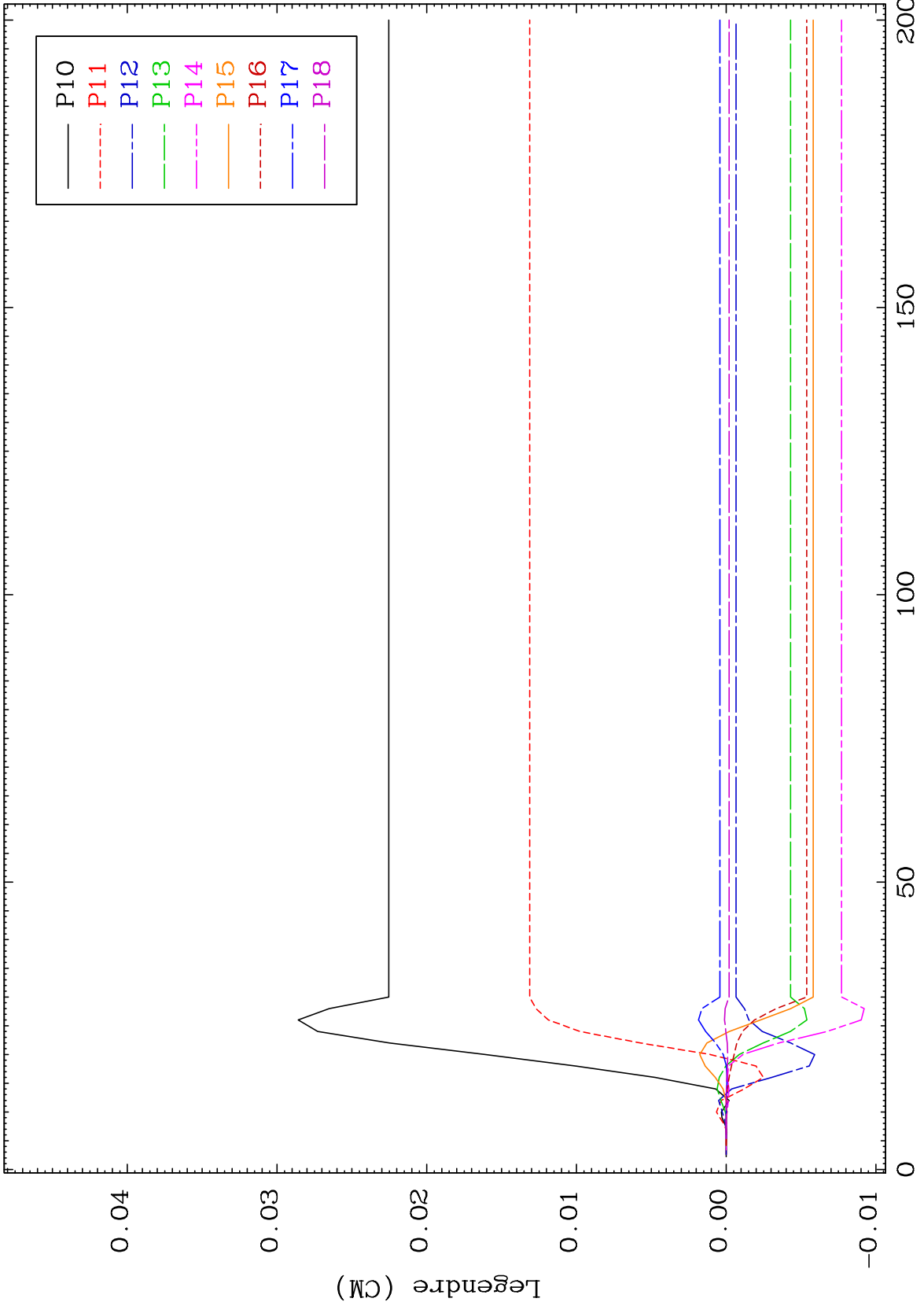




MAT 6422

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

64-Gd-151



95

Incident Energy (MeV)

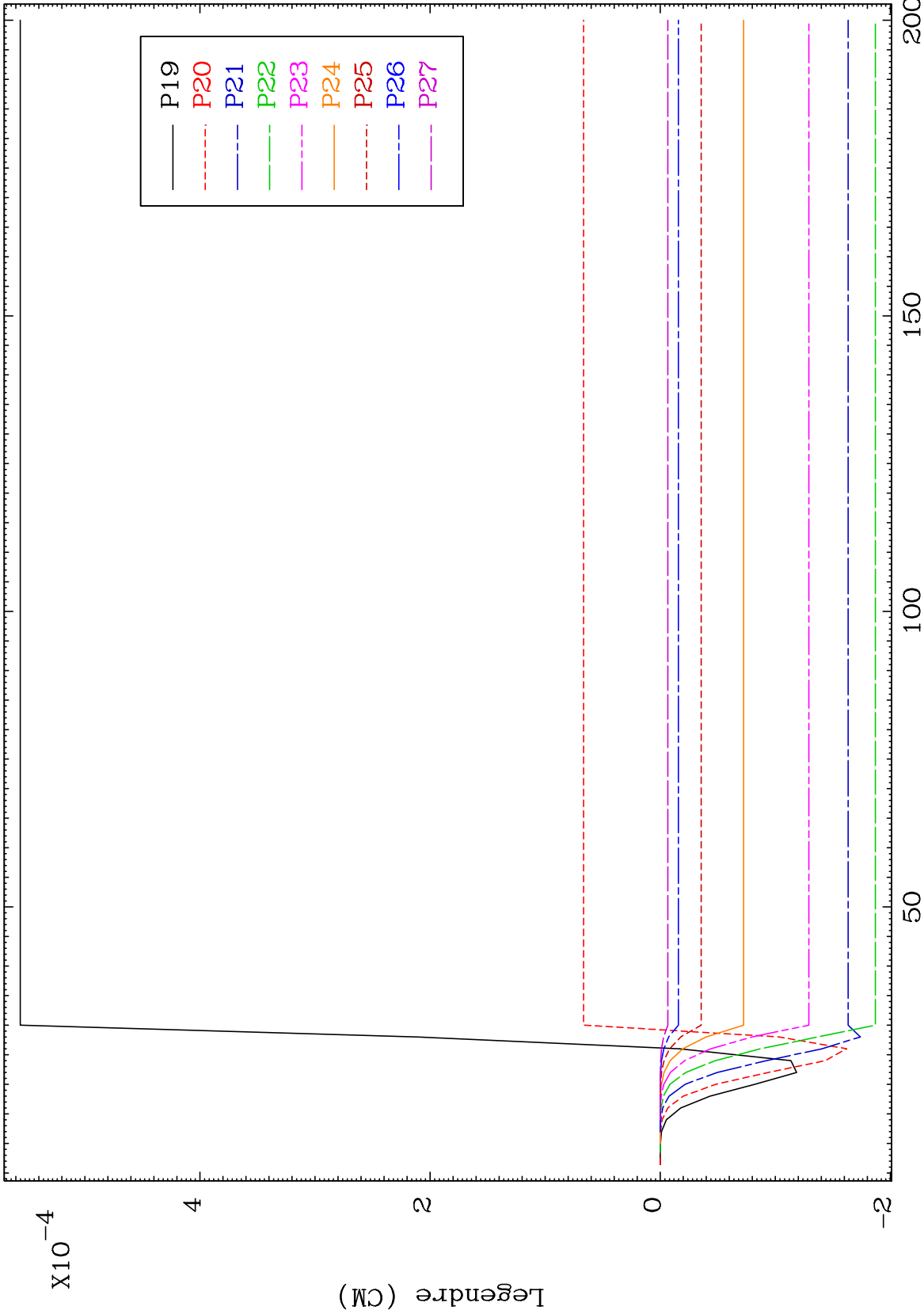
64-Gd-151



MAT 6422

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

64-Gd-151



96

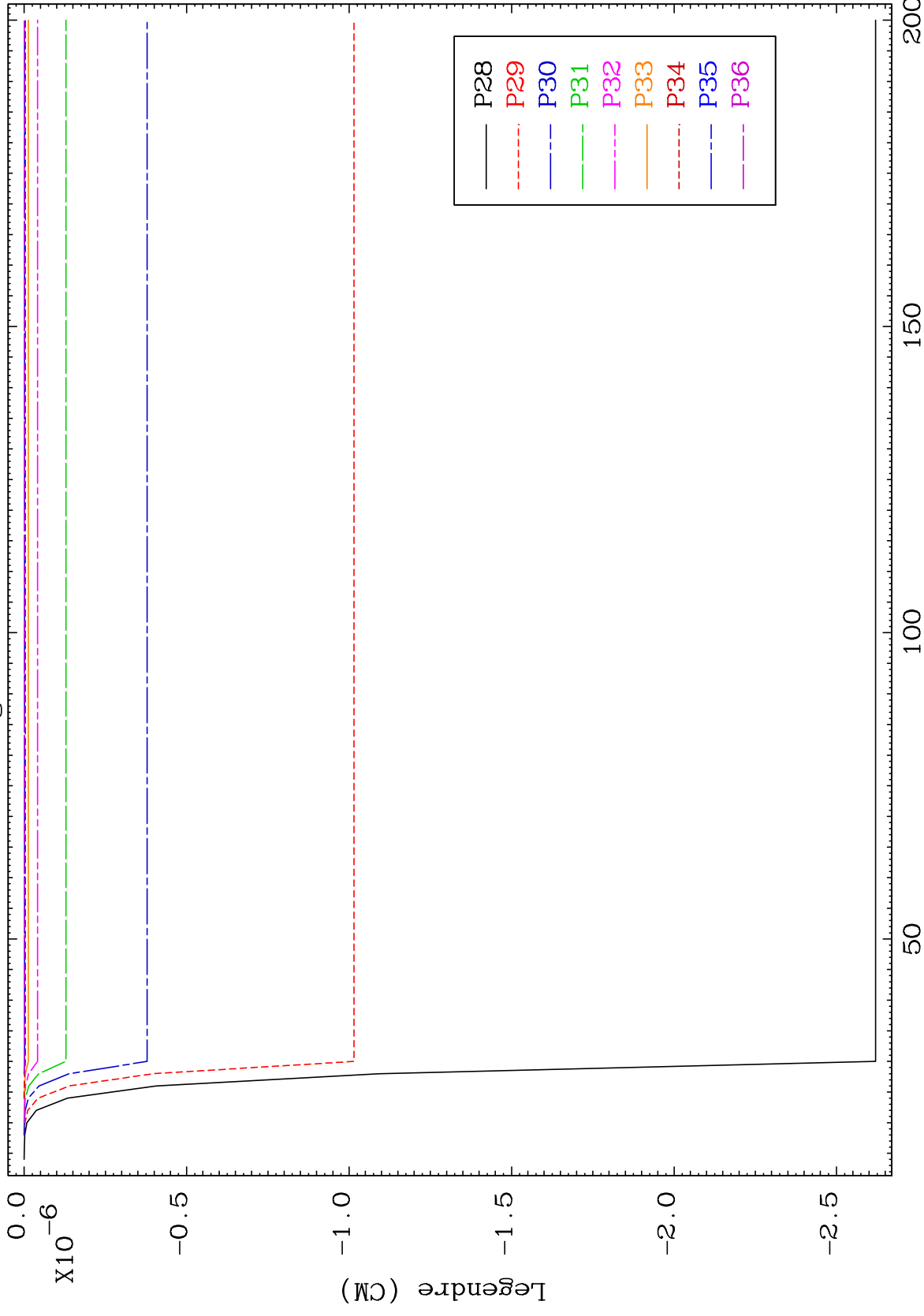
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



64-Gd-151

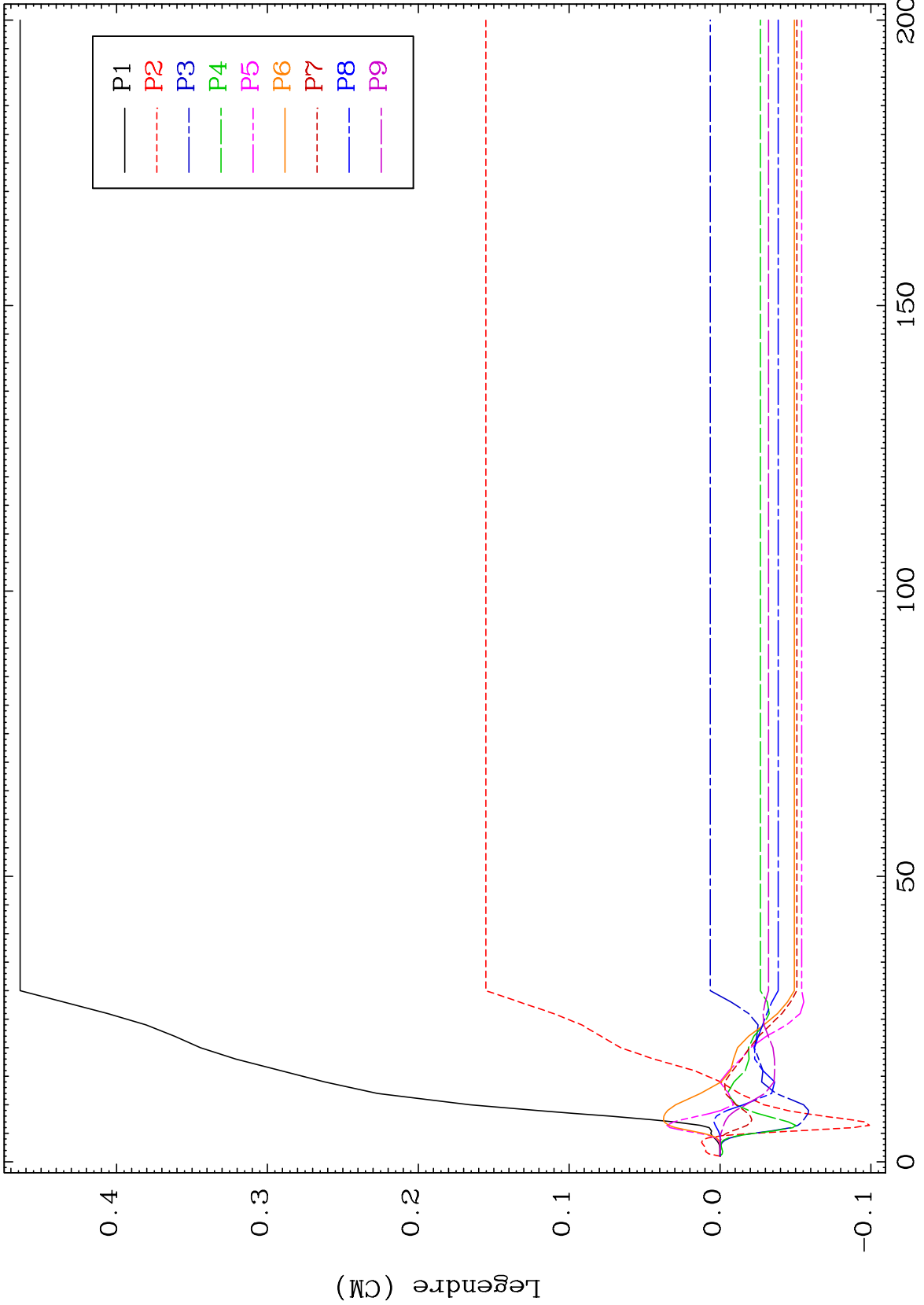
Incident Energy (MeV)

97

MAT 6422

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

64-Gd-151



98

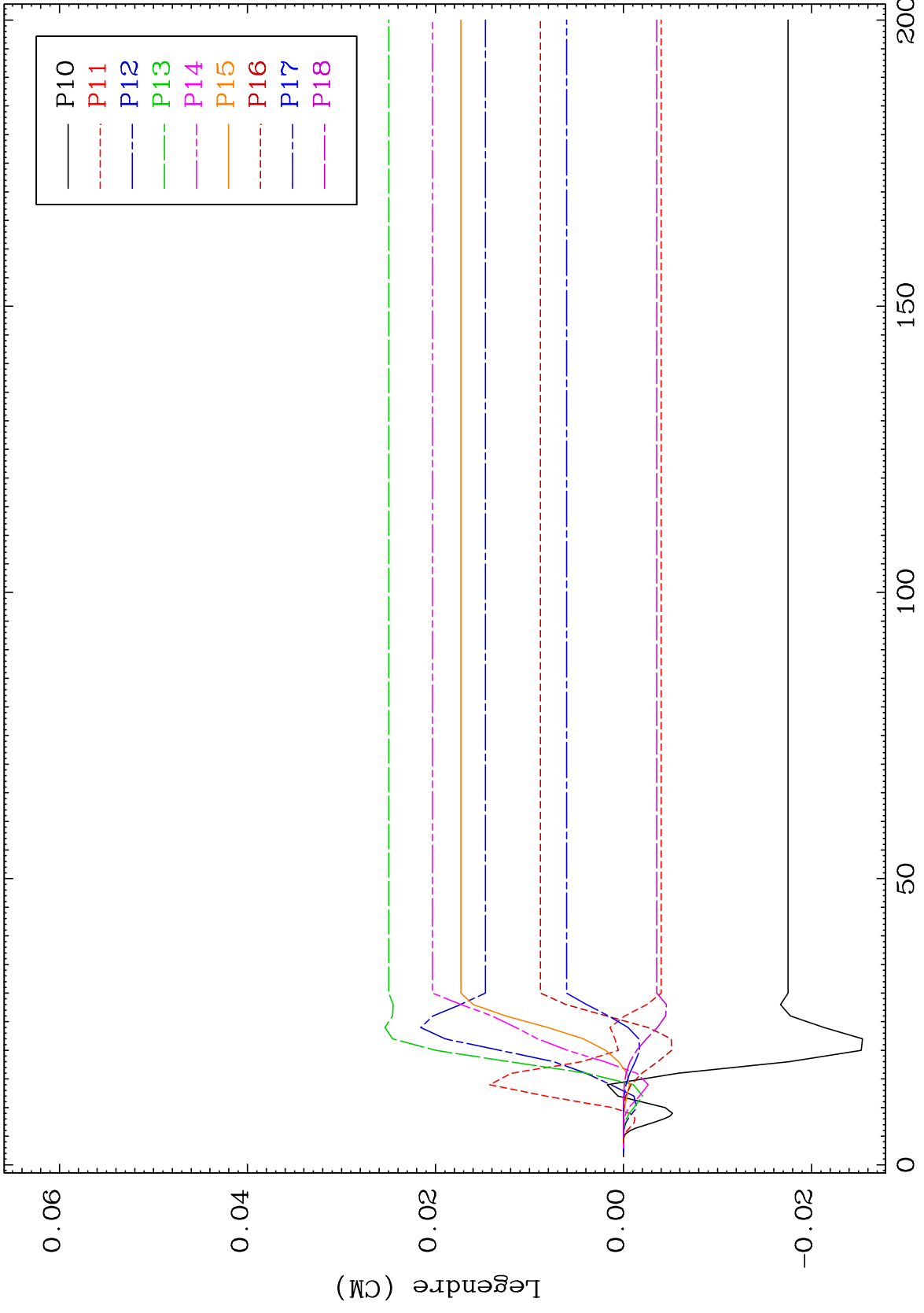
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



99

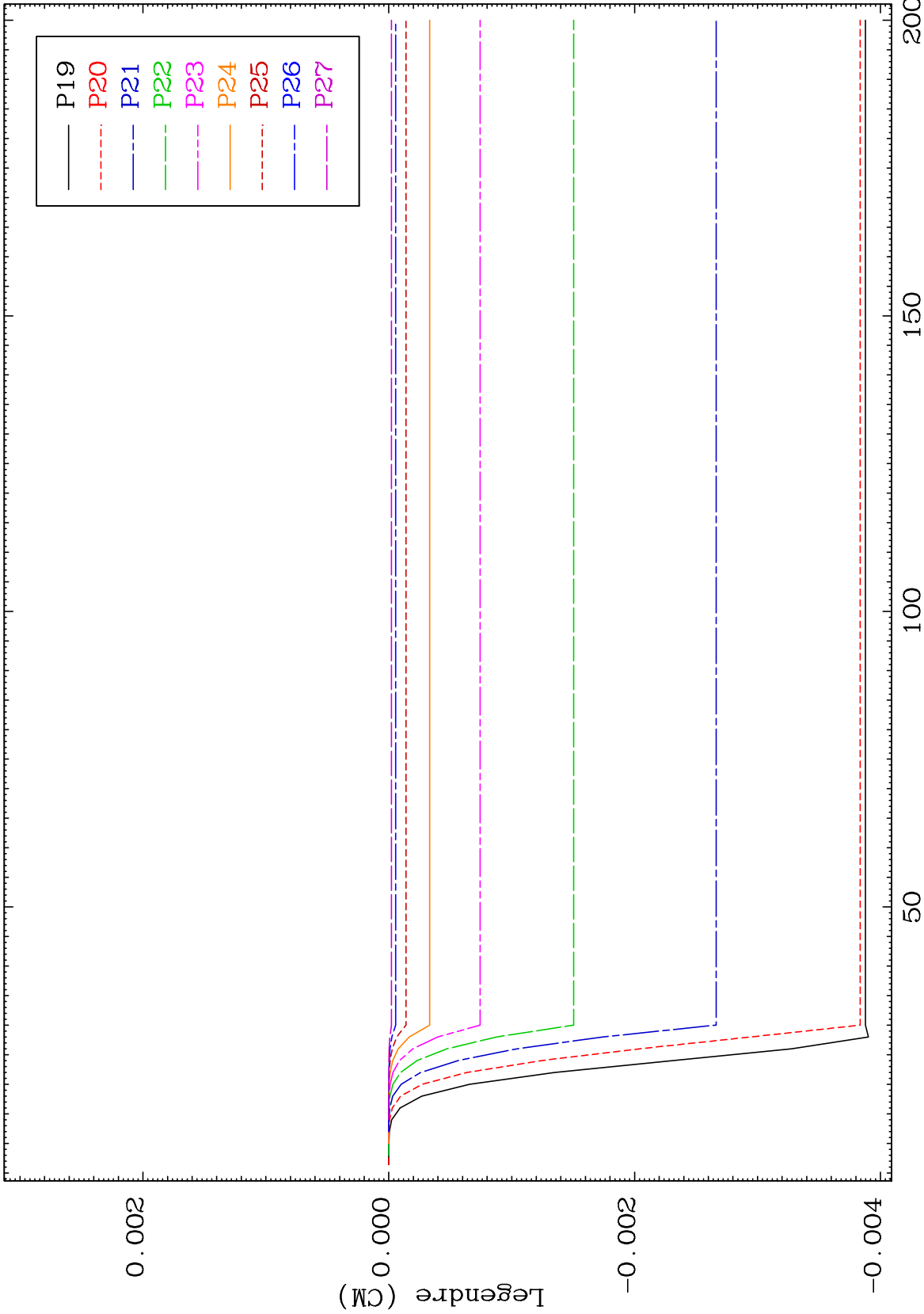
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151

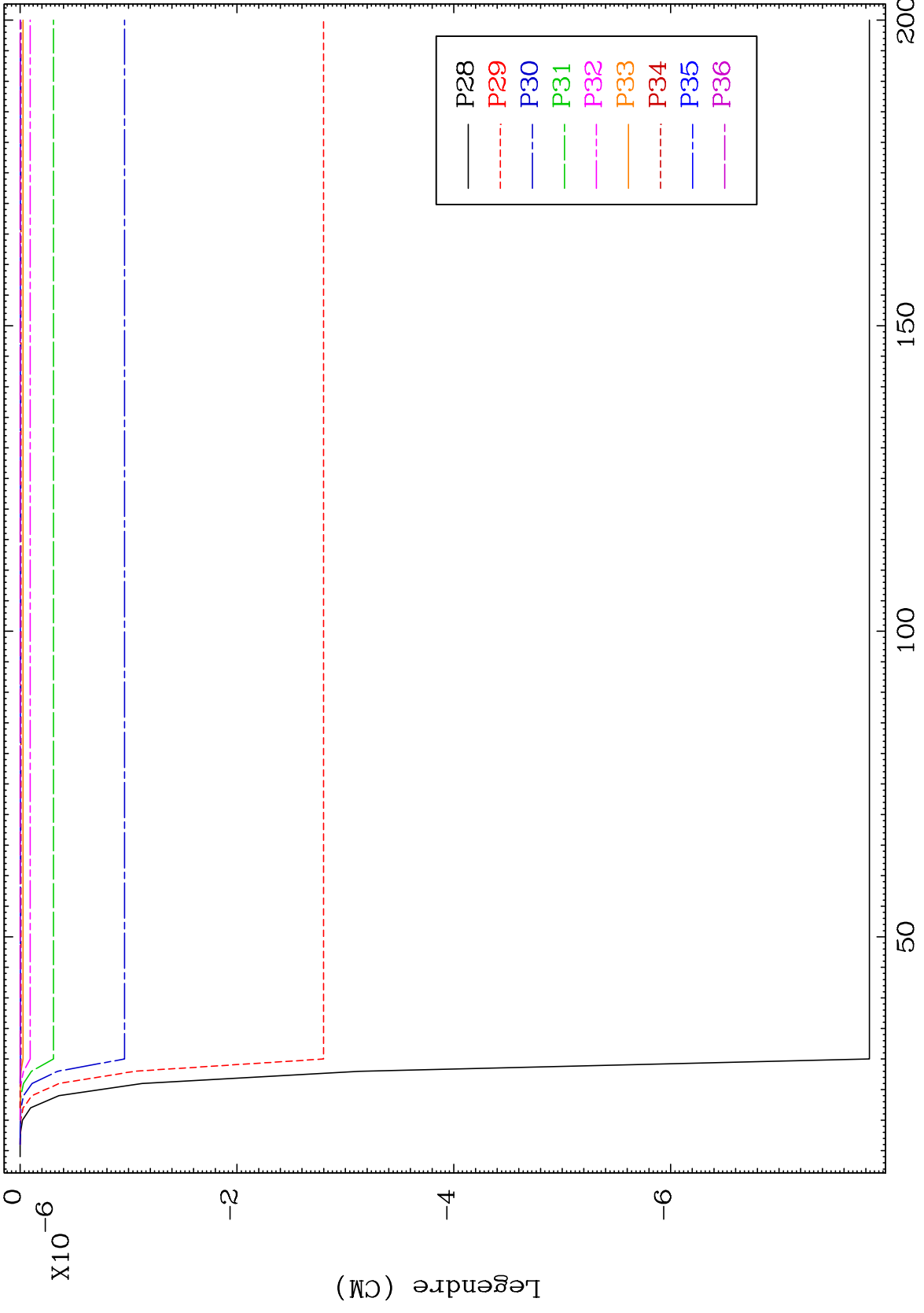


64-Gd-151

Incident Energy (MeV)

Legendre (CM)

MAT 6422 MT= 71 (n,n') Level Legendre Coefficients 64-Gd-151

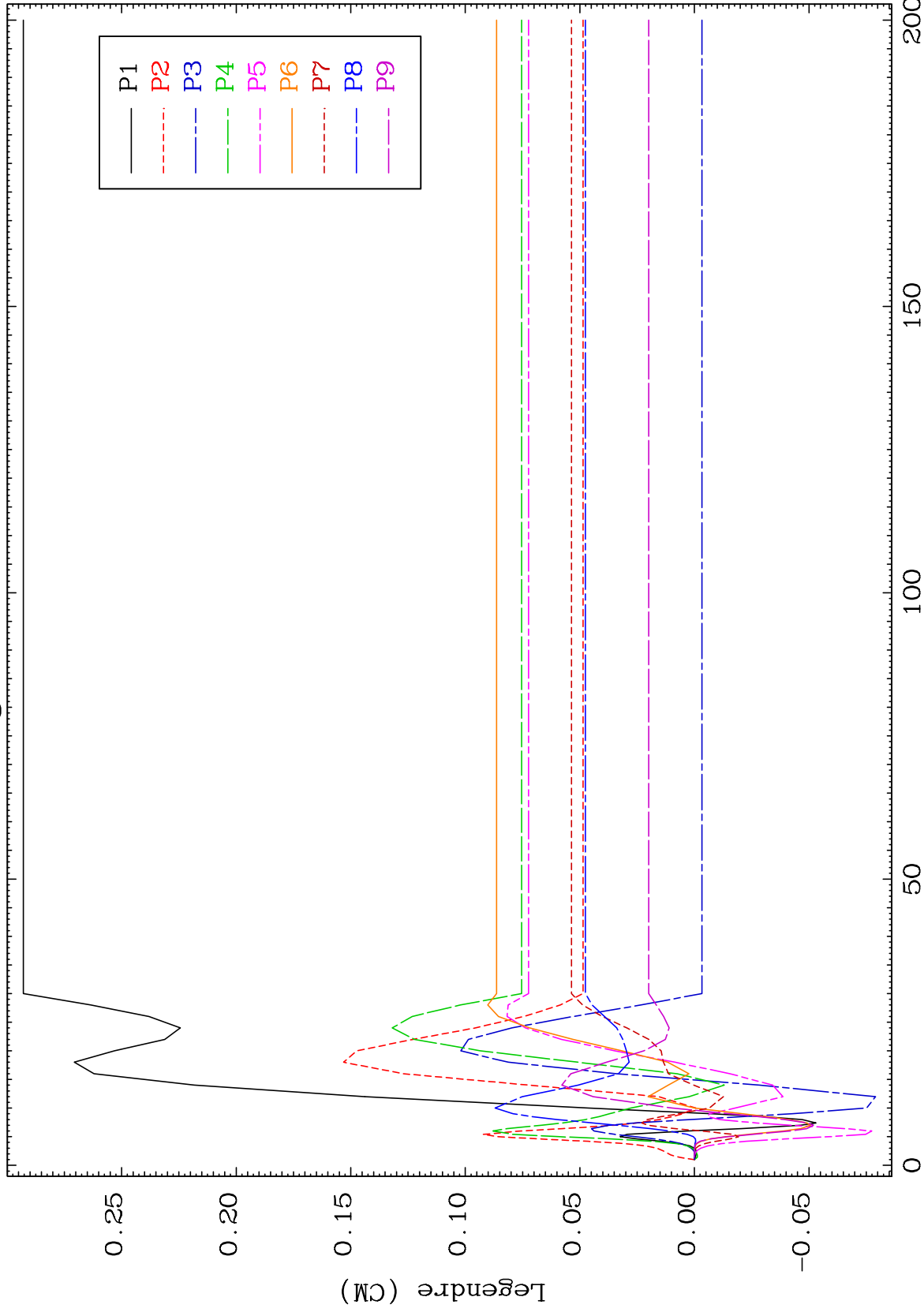


101 64-Gd-151

MAT 6422

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

64-Gd-151



64-Gd-151

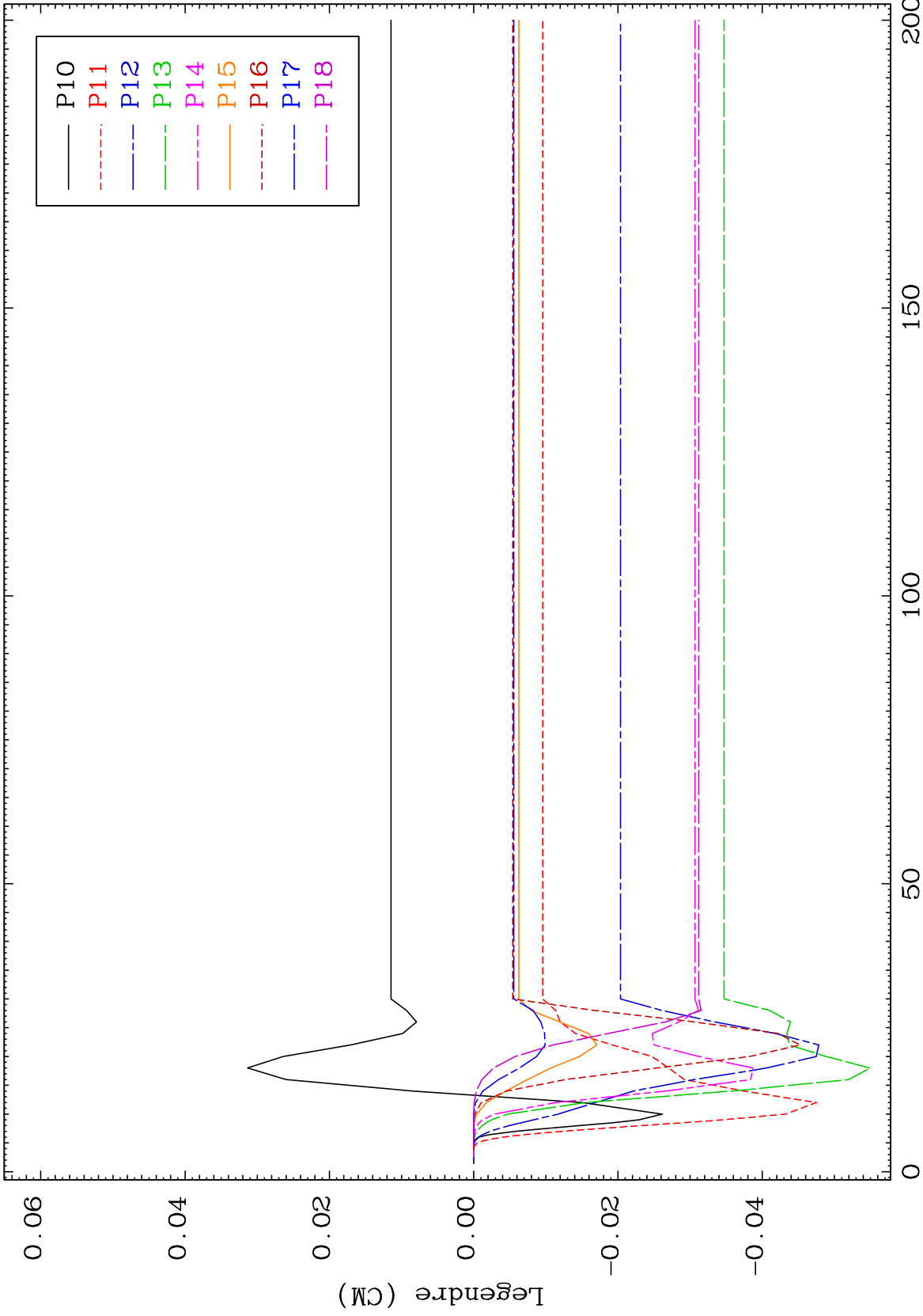
Incident Energy (MeV)

102

MAT 6422

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

64-Gd-151



103

Incident Energy (MeV)

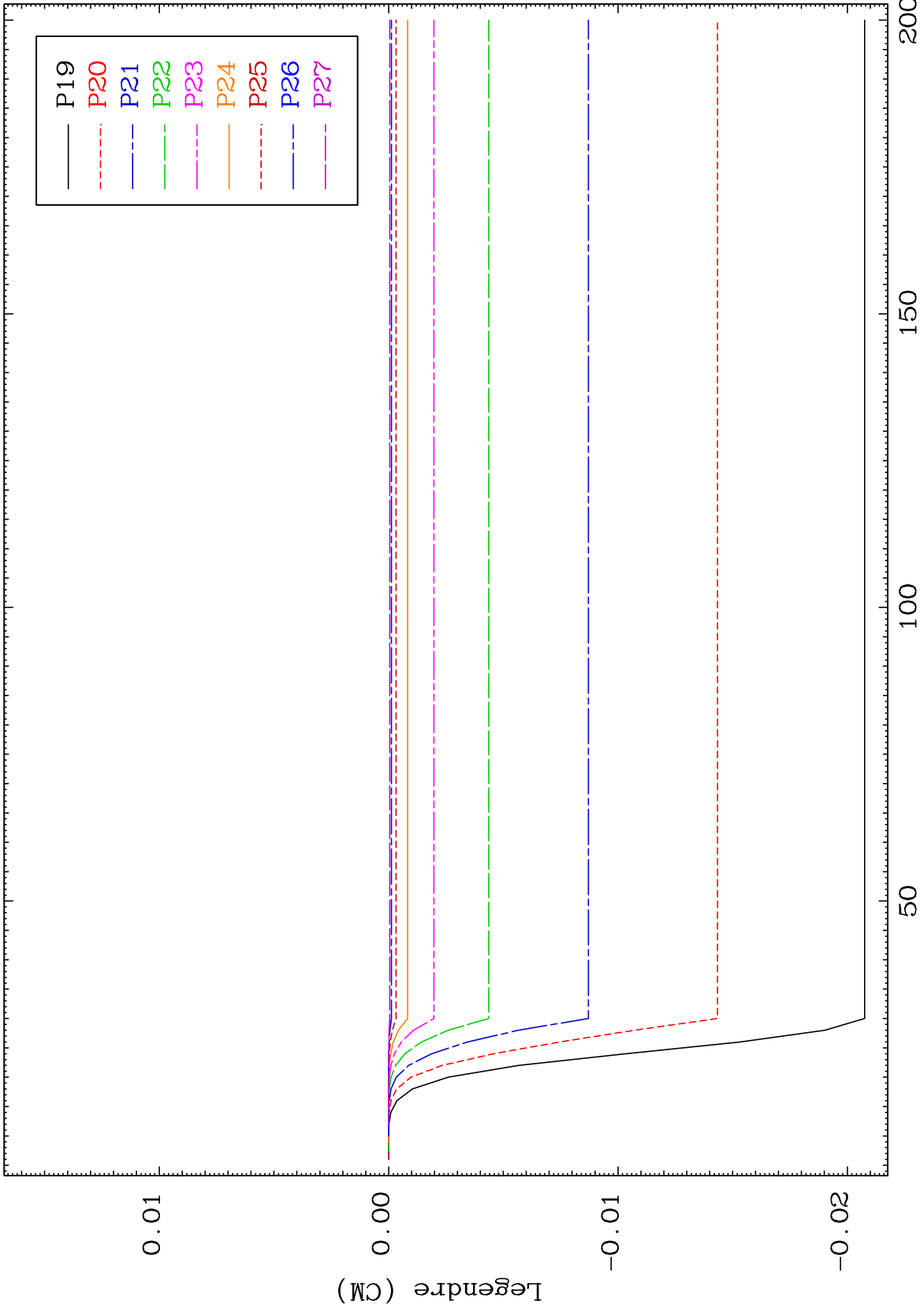
64-Gd-151



MAT 6422

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

64-Gd-151



104

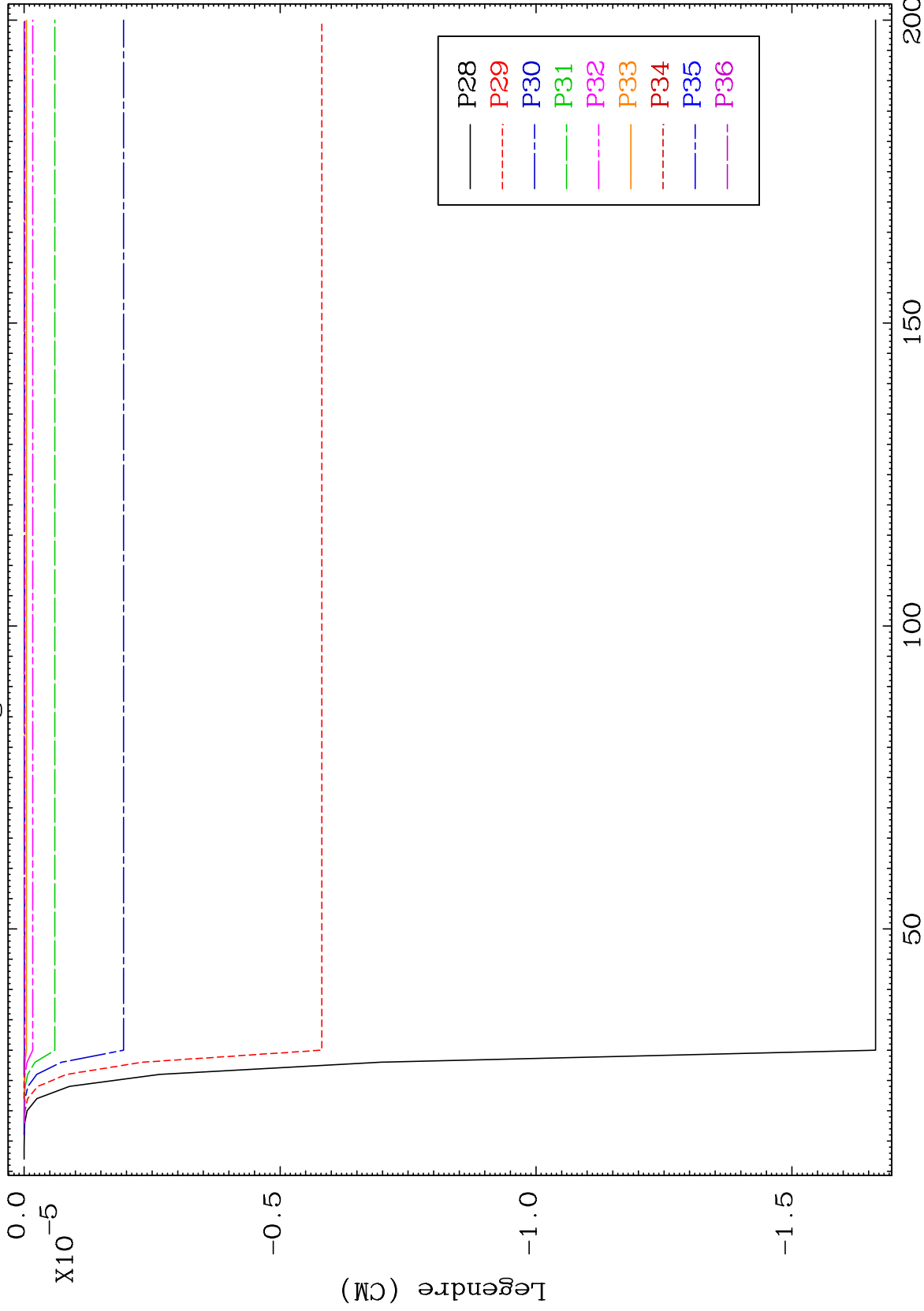
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



64-Gd-151

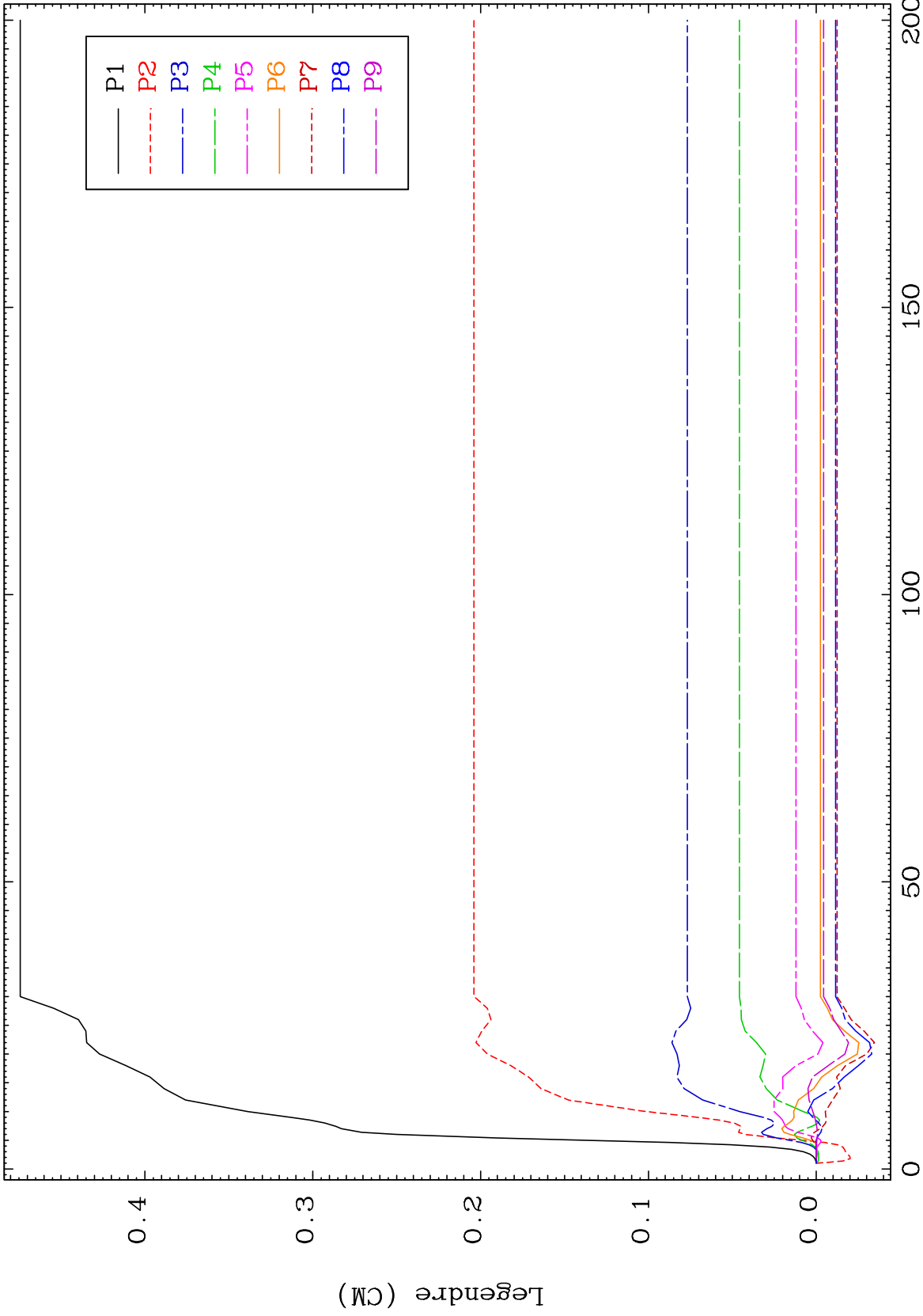
Incident Energy (MeV)

105

MAT 6422

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

64-Gd-151



106

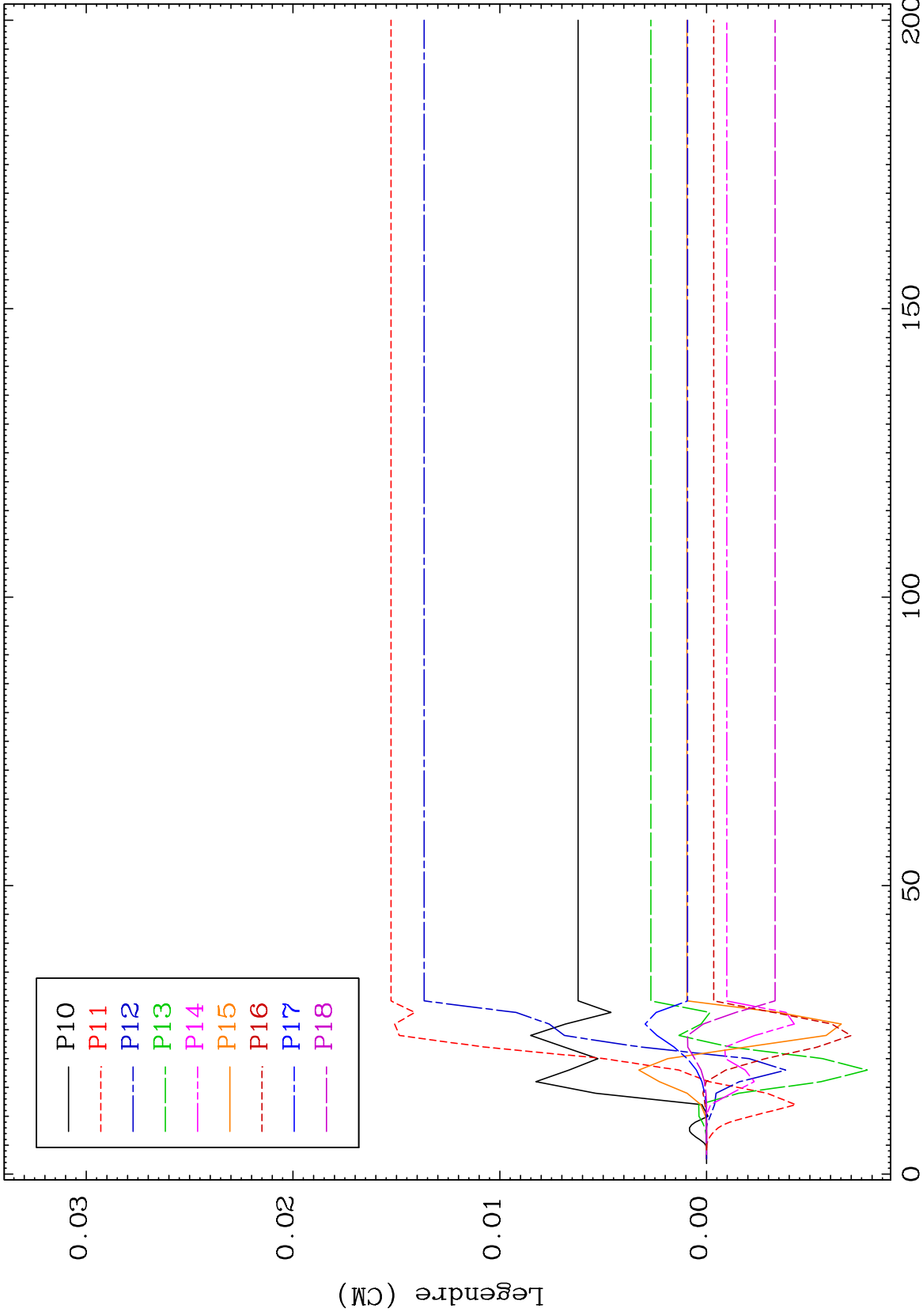
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



107

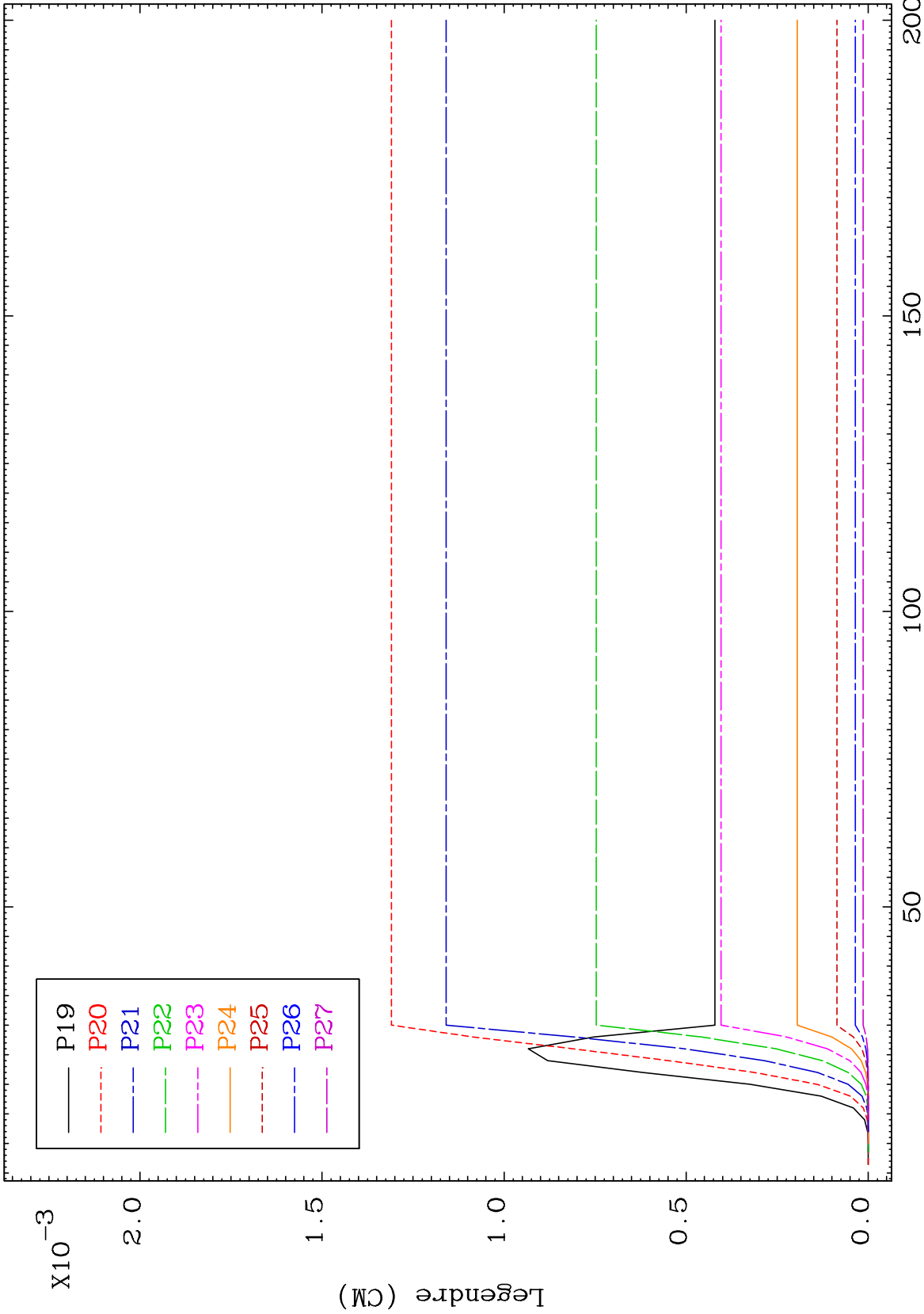
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



108

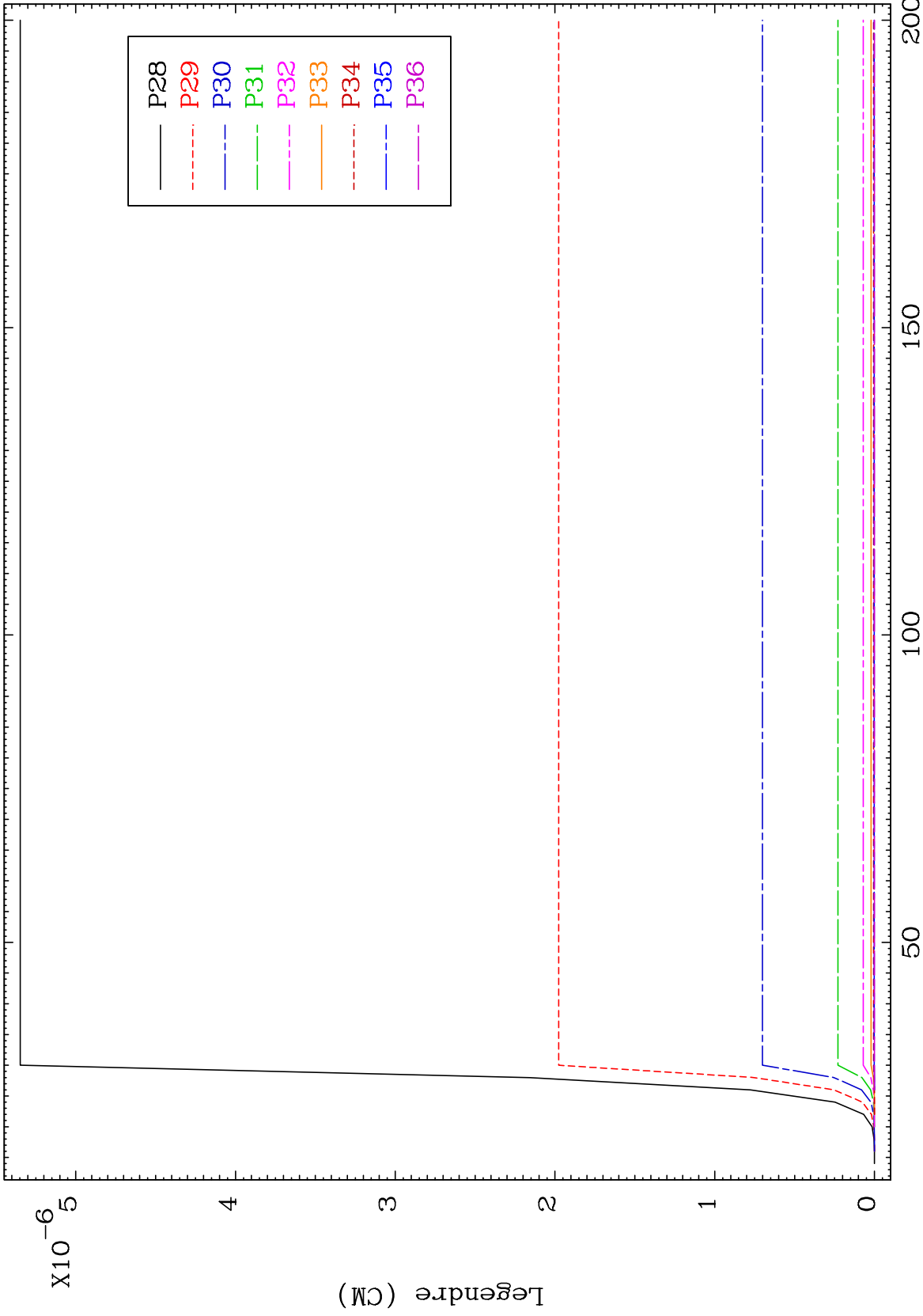
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



109

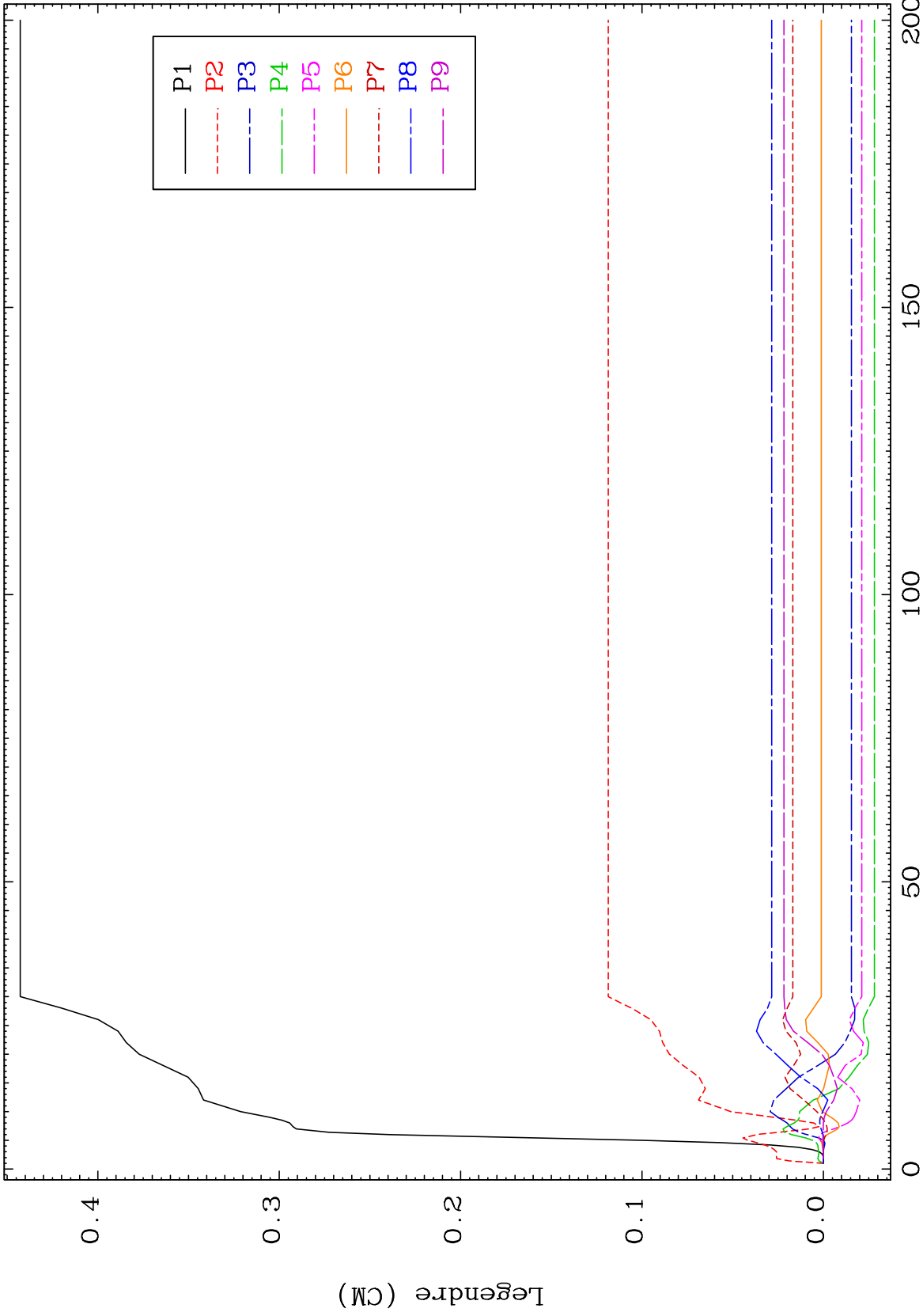
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



64-Gd-151

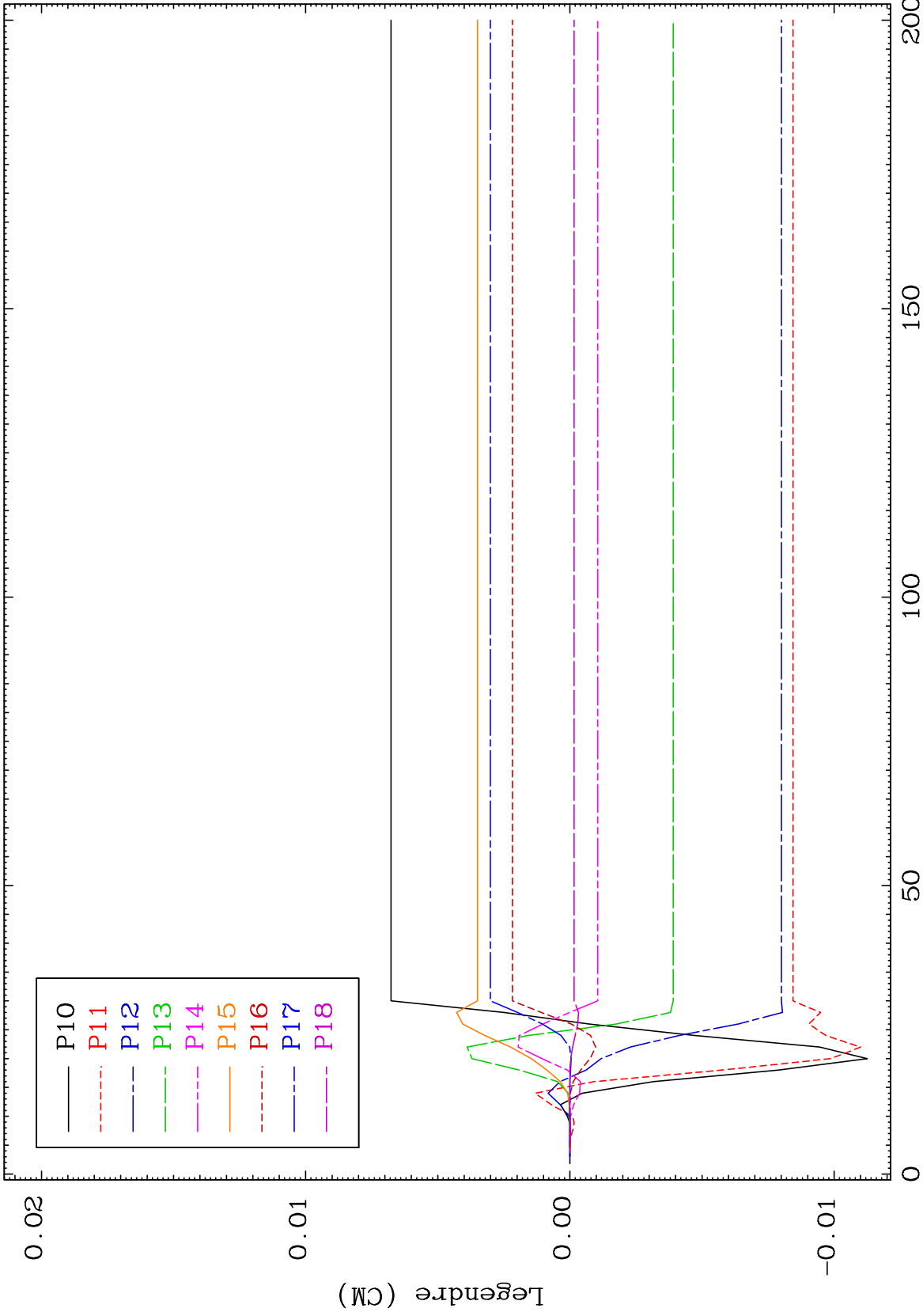
Incident Energy (MeV)

110

MAT 6422

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

64-Gd-151



111

Incident Energy (MeV)

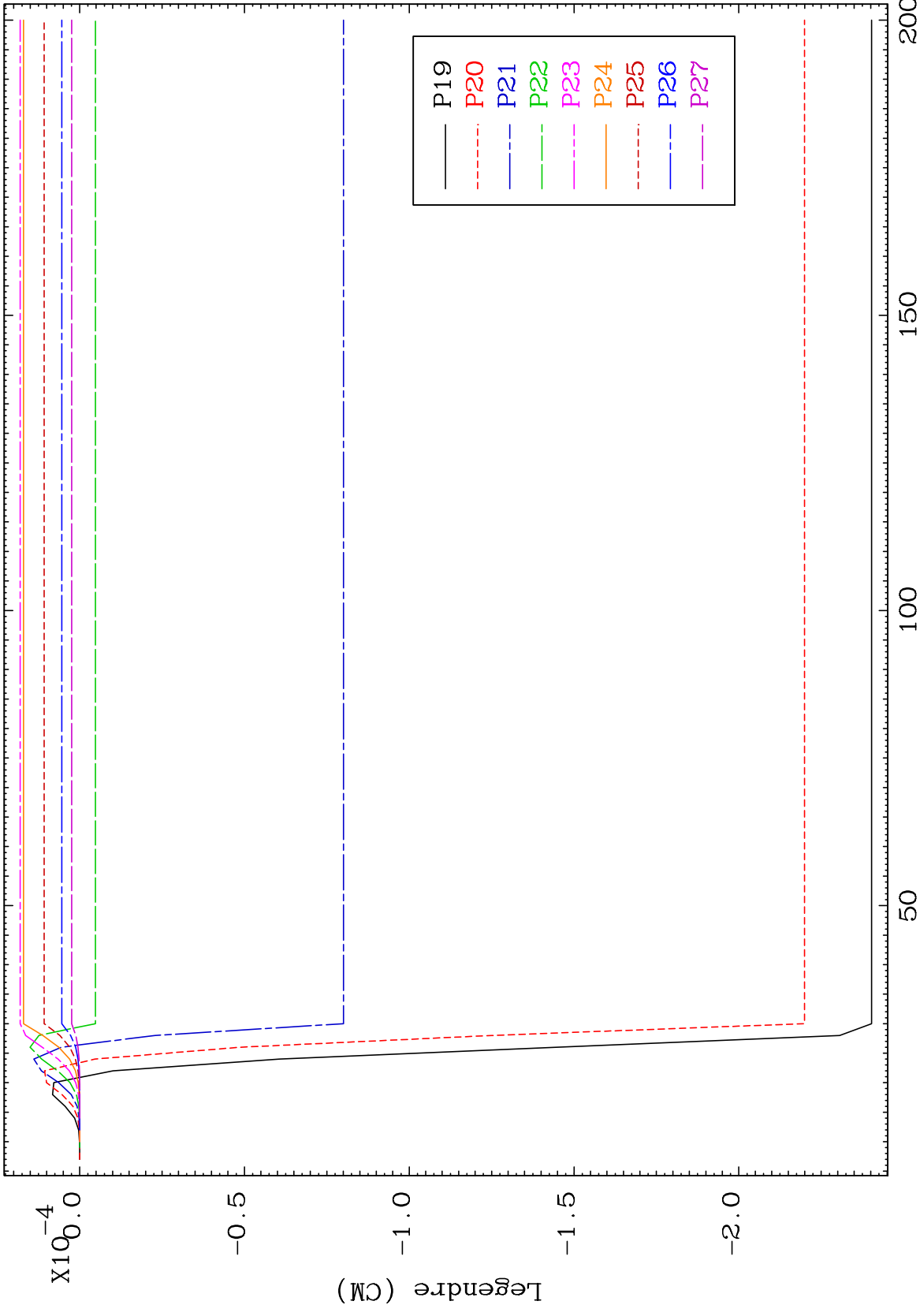
64-Gd-151



MAT 6422

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

64-Gd-151



64-Gd-151

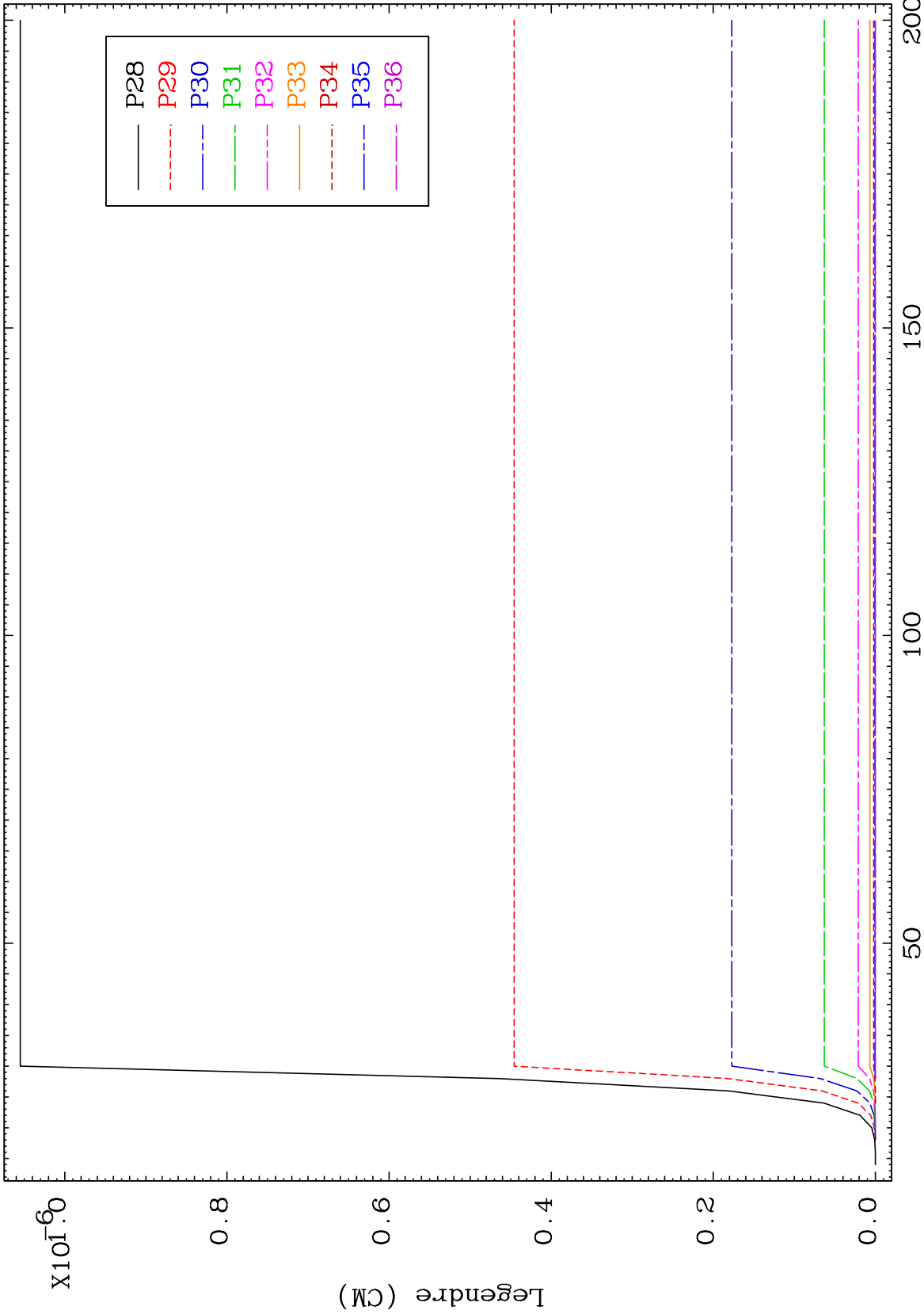
Incident Energy (MeV)

112

MAT 6422

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

64-Gd-151



113

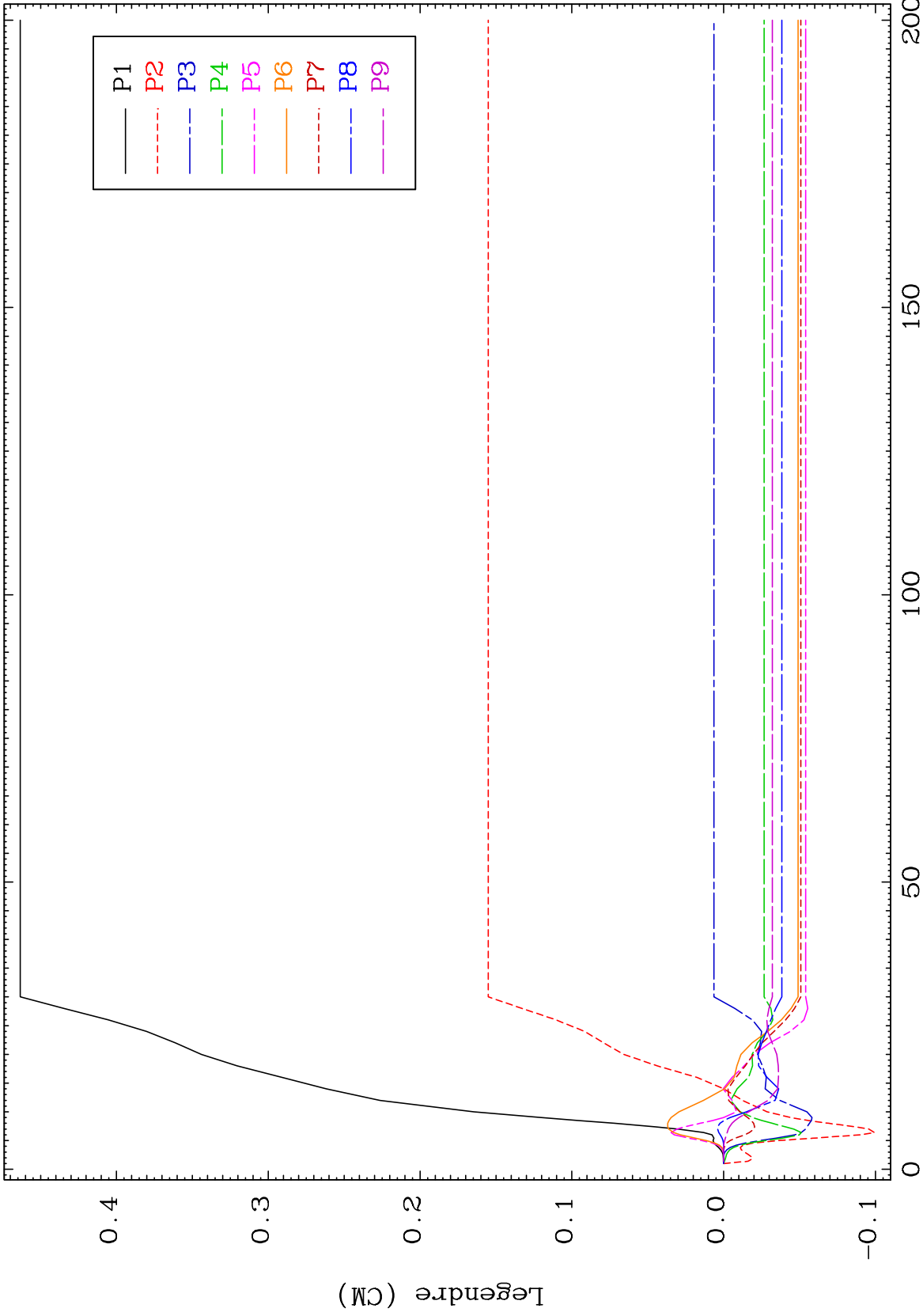
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



114

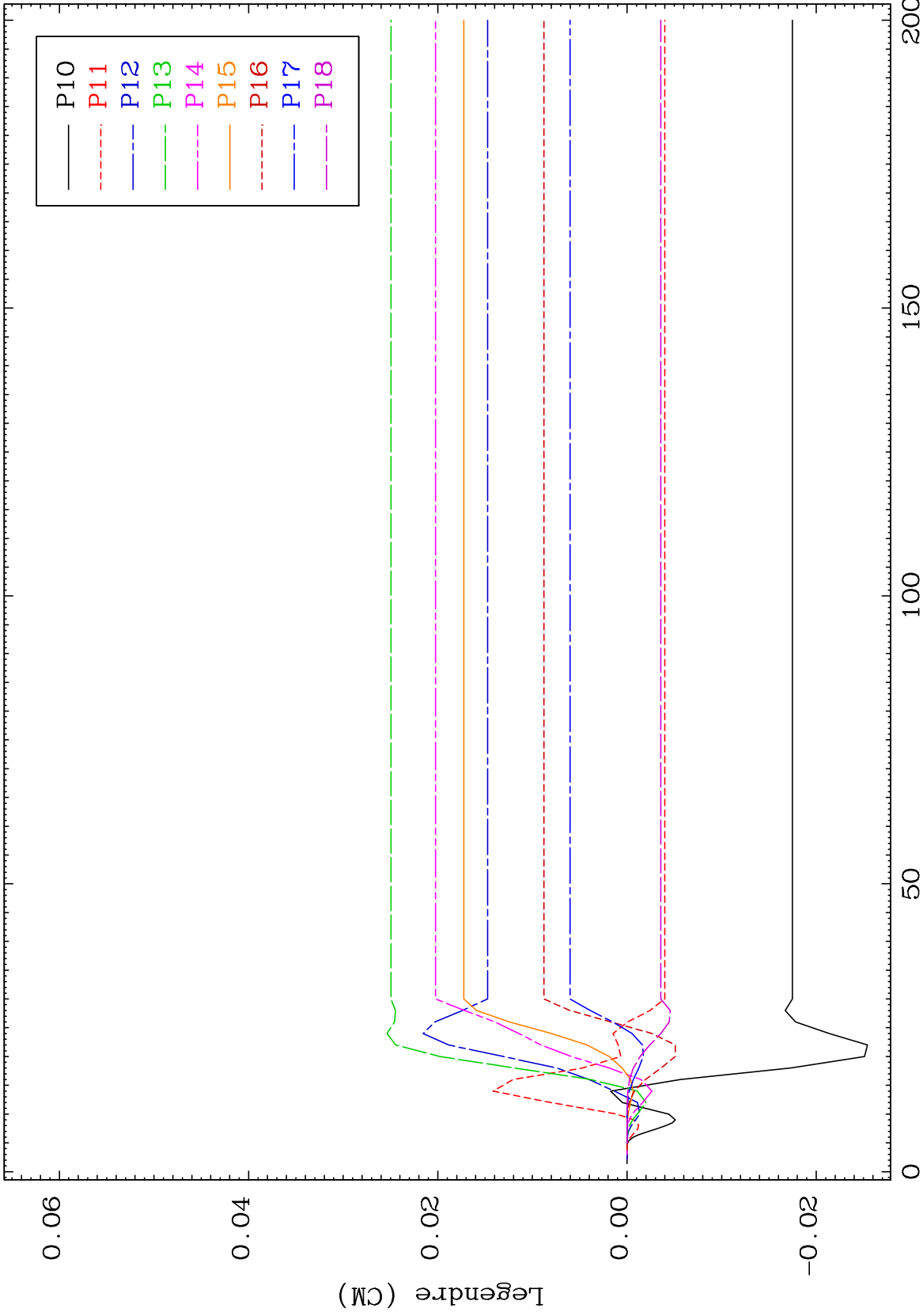
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



115

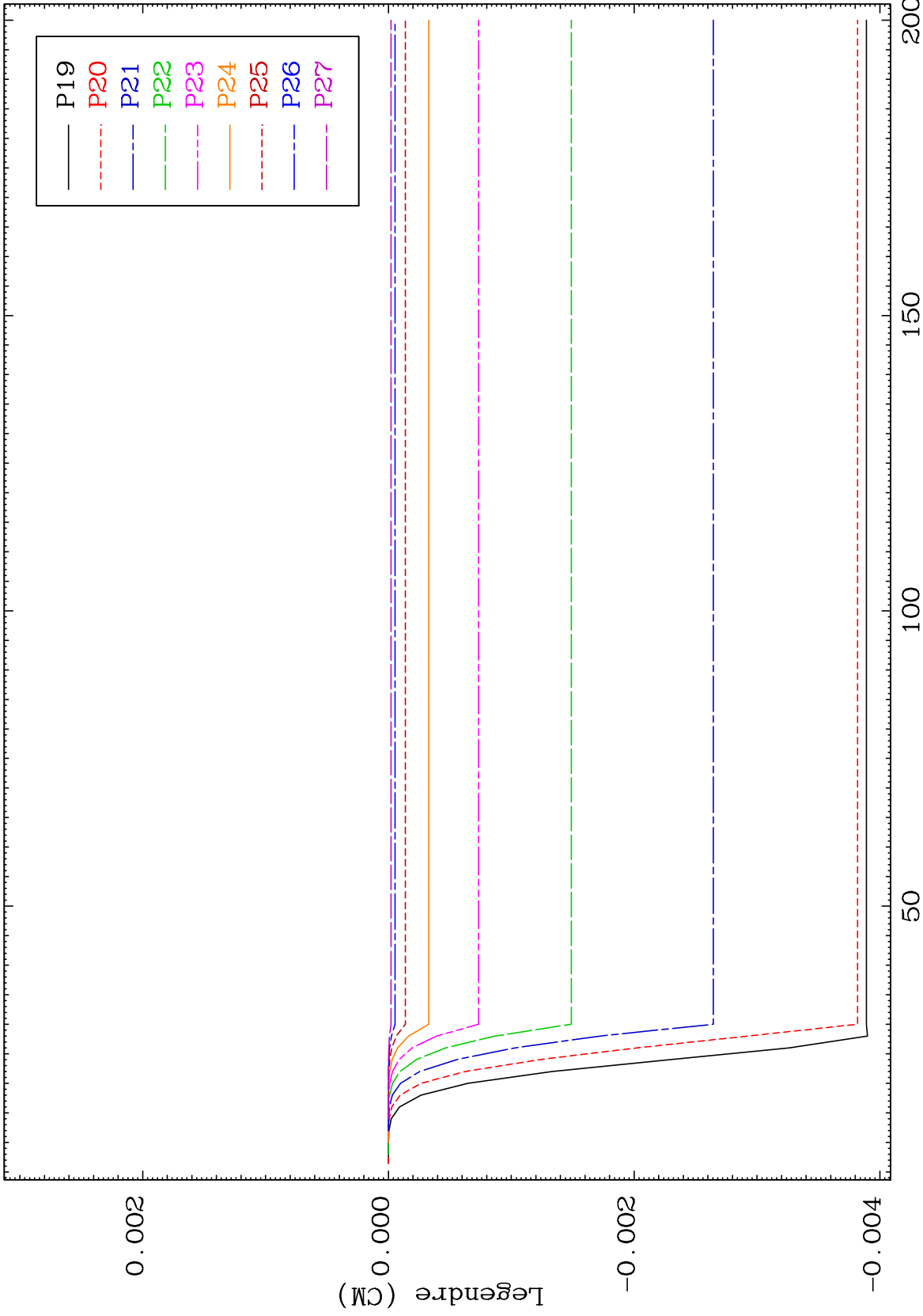
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151

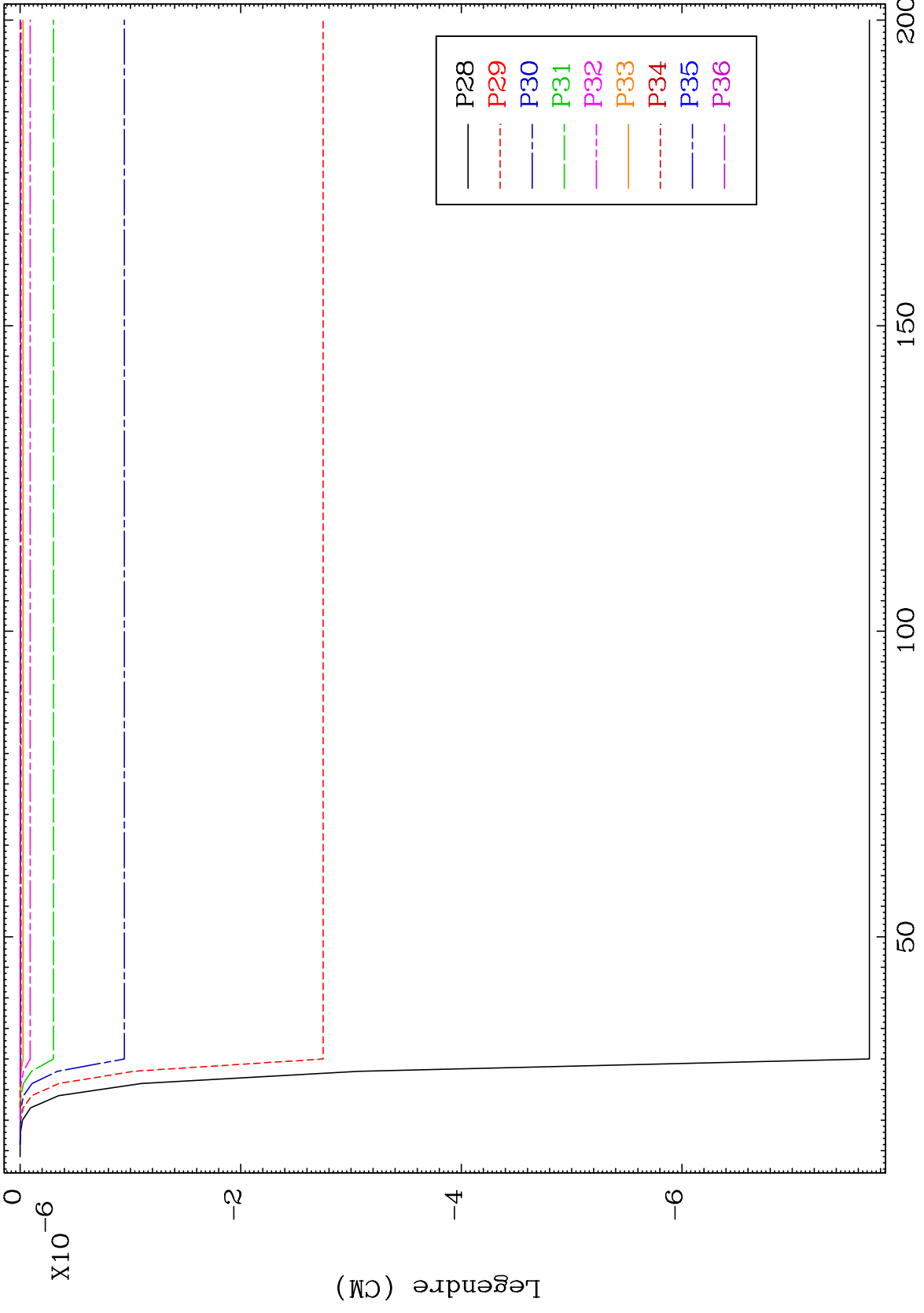


116

Incident Energy (MeV)

64-Gd-151

MAT 6422 MT= 75 (n,n') Level Legendre Coefficients 64-Gd-151

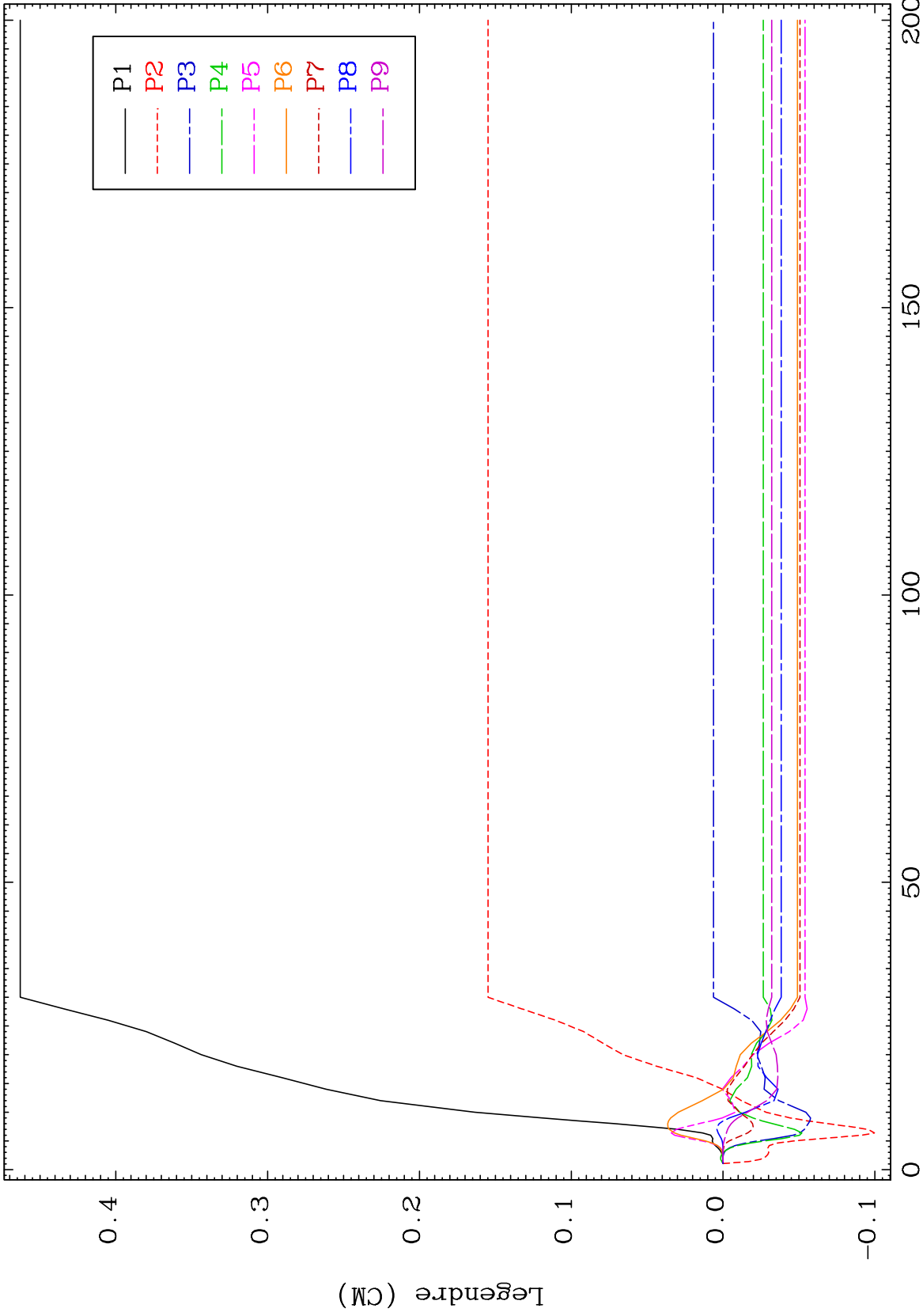


117 64-Gd-151

MAT 6422

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

64-Gd-151



118

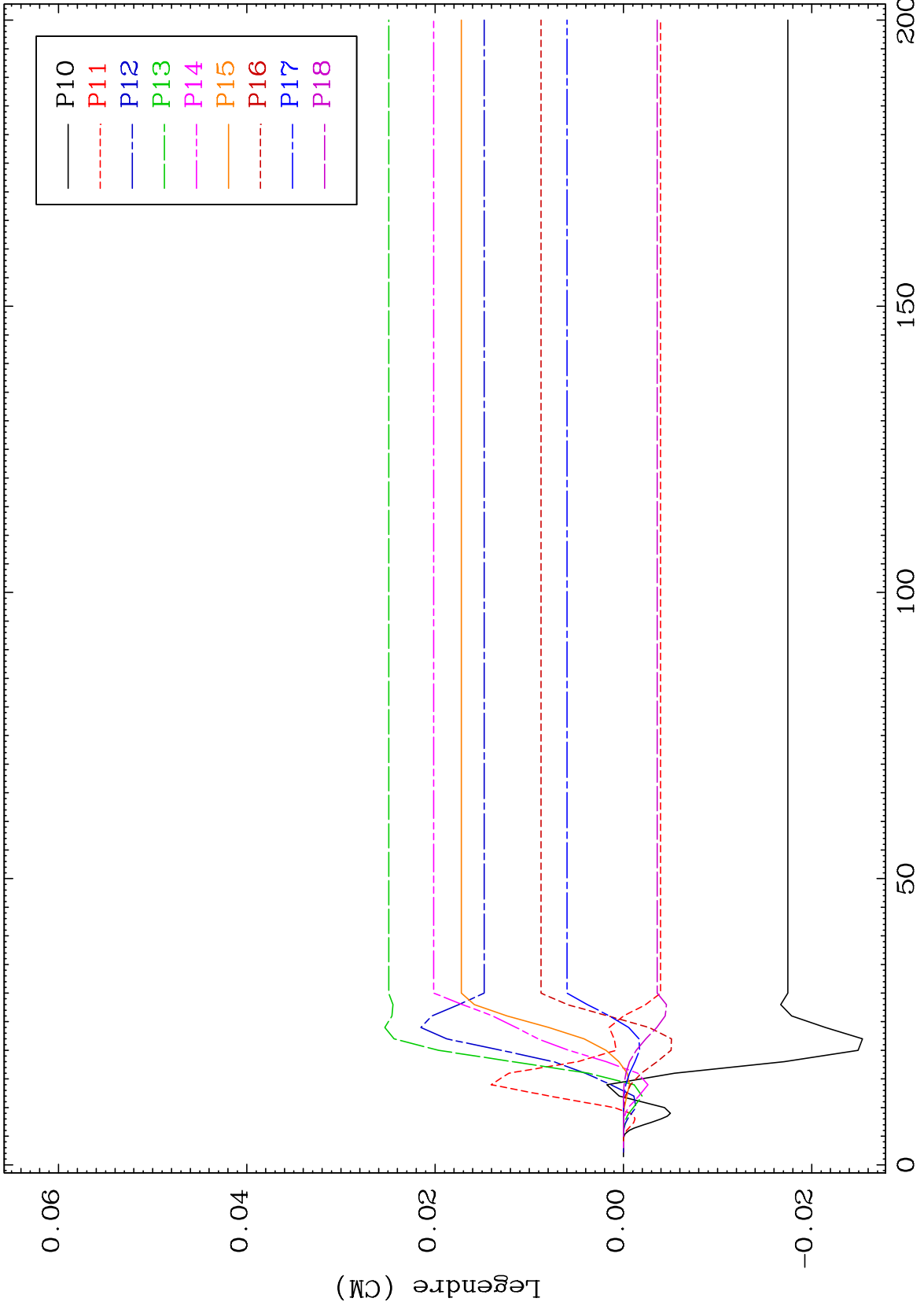
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



119

Incident Energy (MeV)

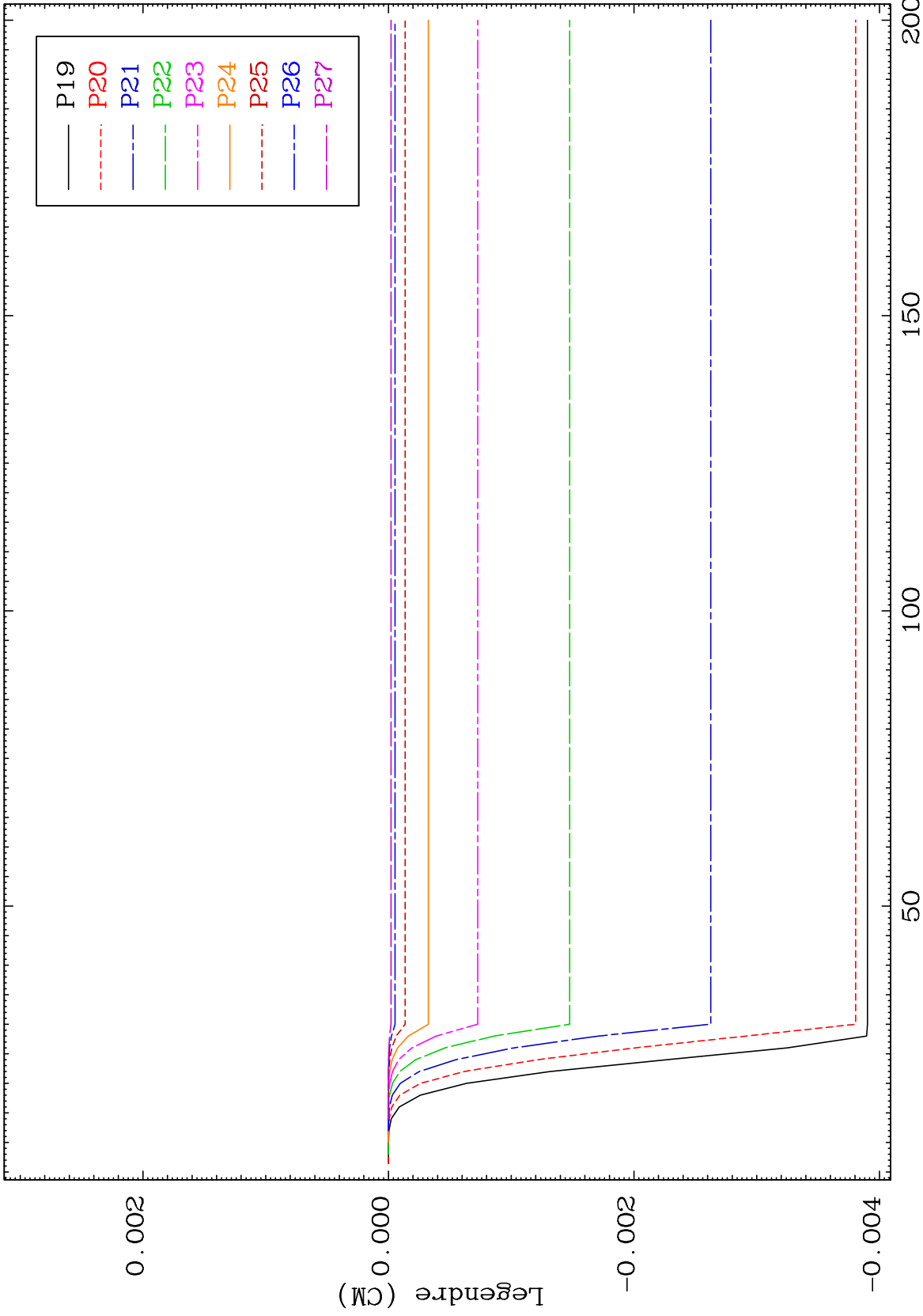
64-Gd-151



MAT 6422

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

64-Gd-151

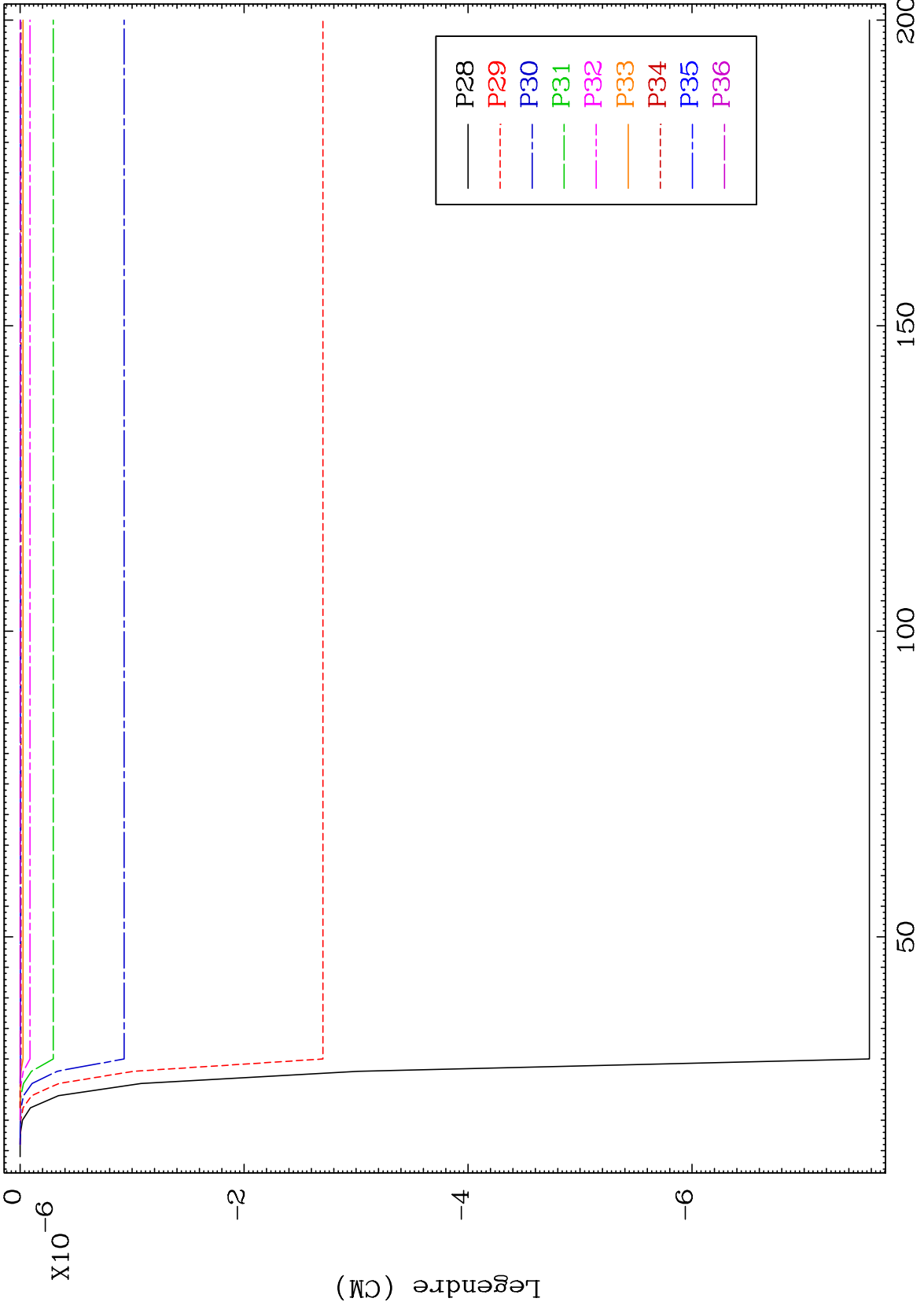


120

Incident Energy (MeV)

64-Gd-151

MAT 6422 MT= 76 (n,n') Level Legendre Coefficients 64-Gd-151

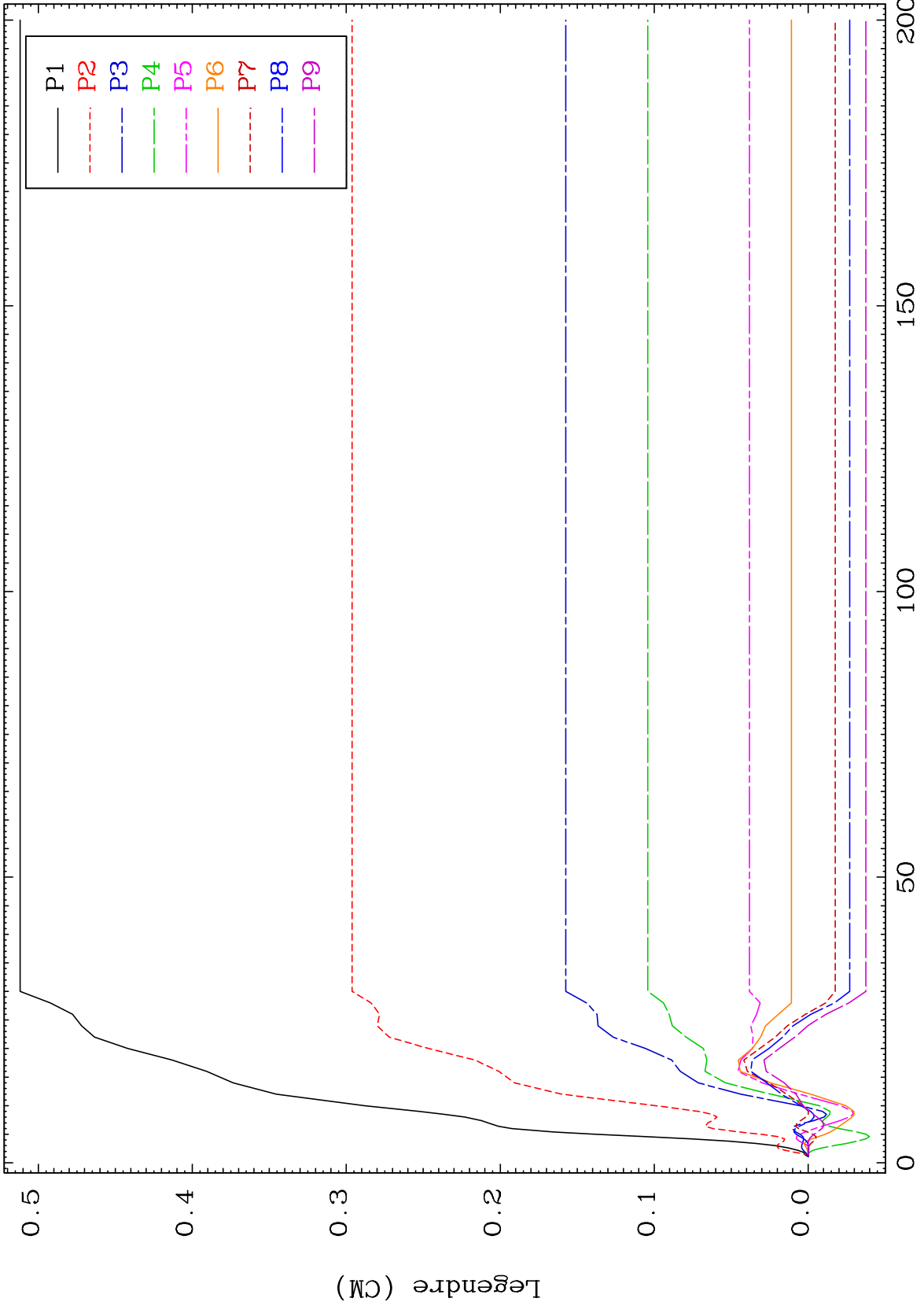


121 64-Gd-151

MAT 6422

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

64-Gd-151



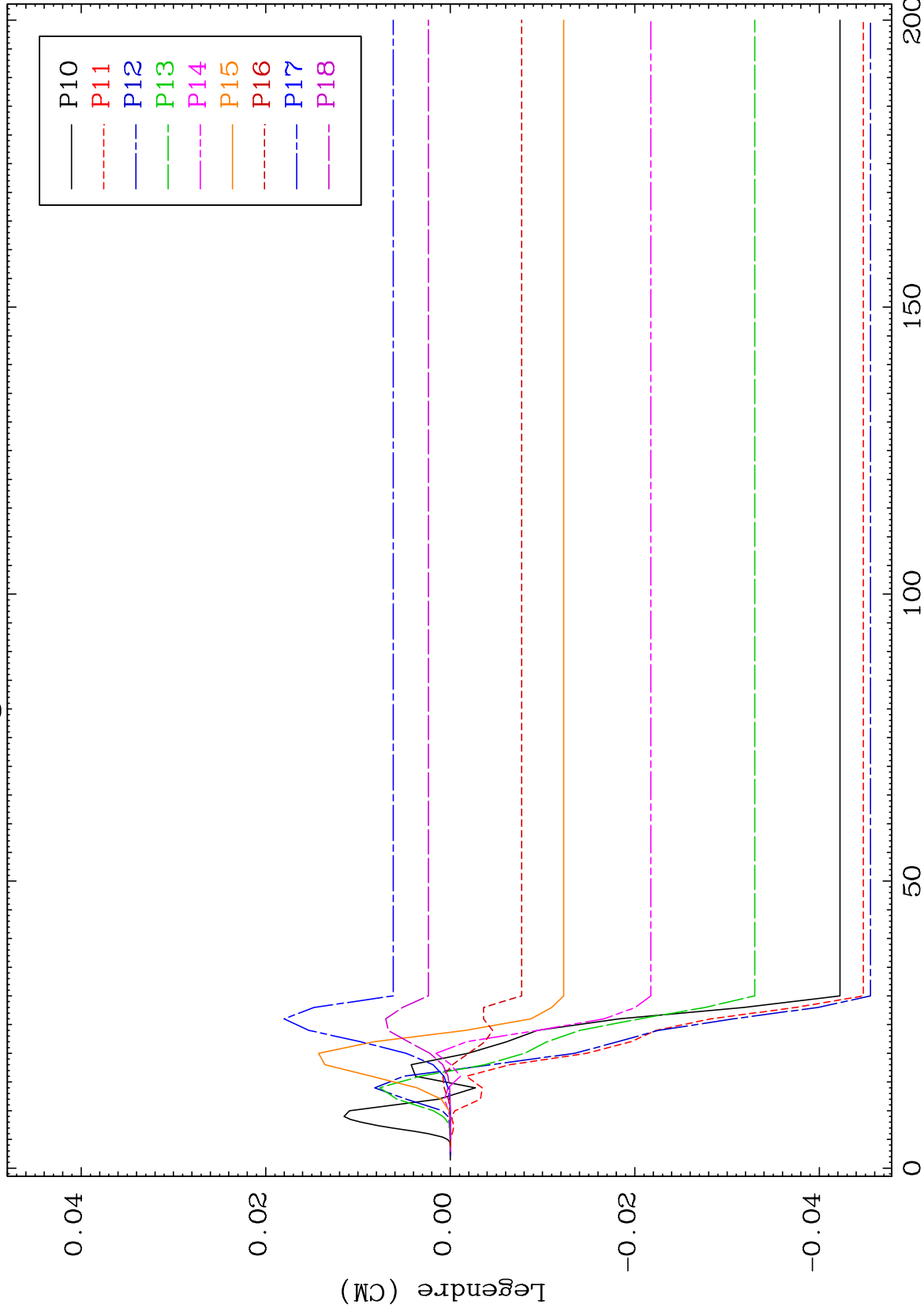
122

64-Gd-151

MAT 6422

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

64-Gd-151



123

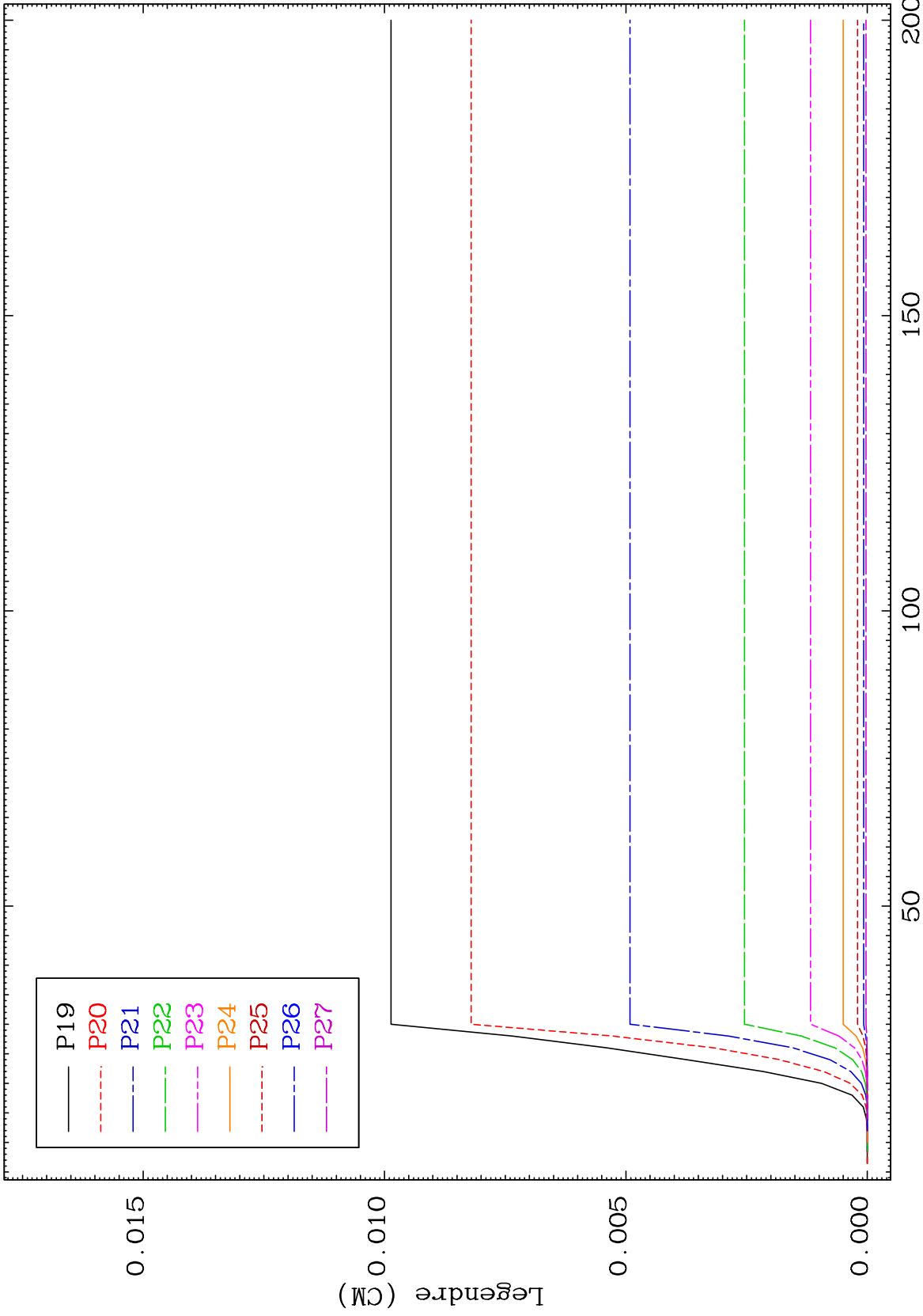
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



124

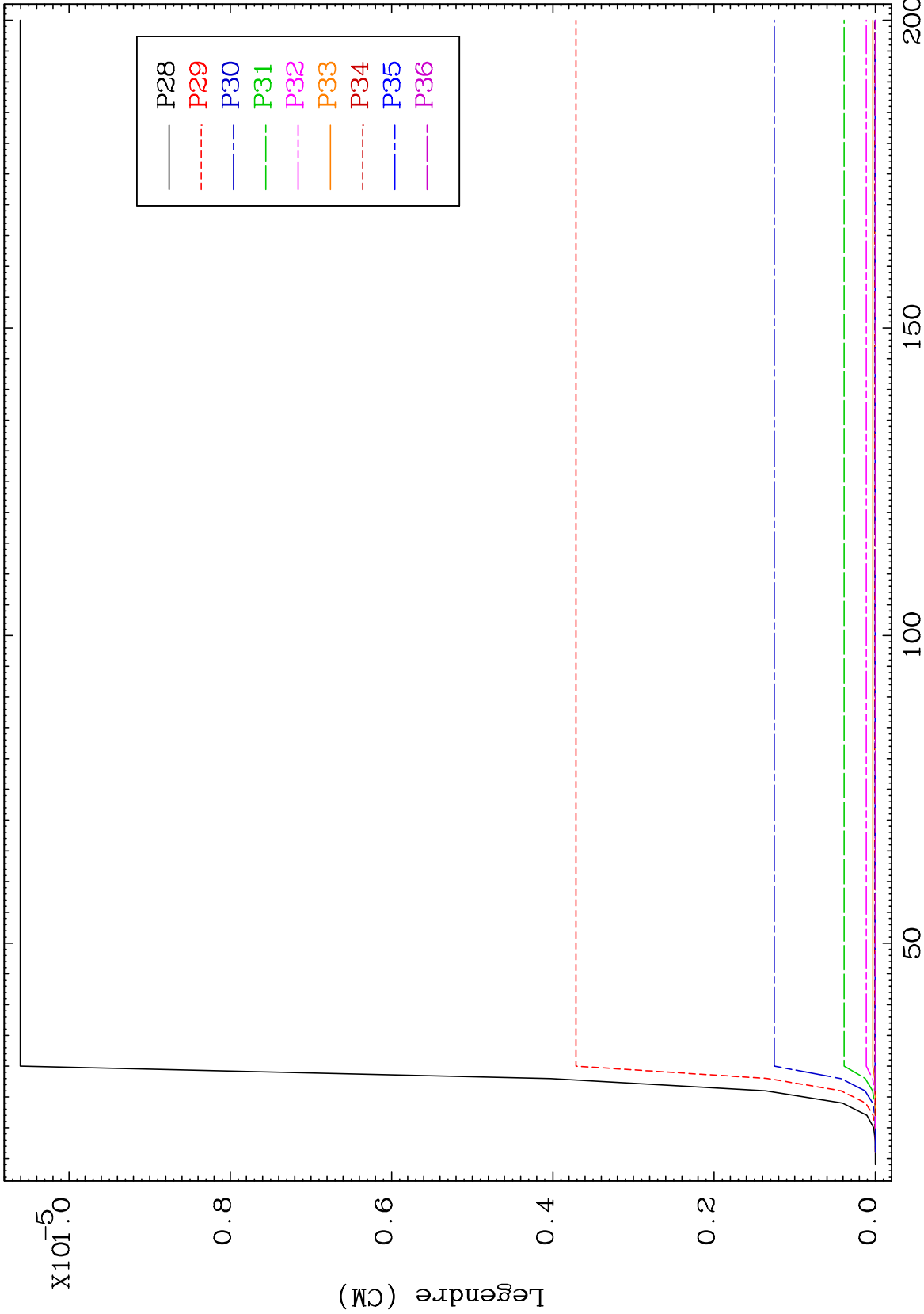
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151

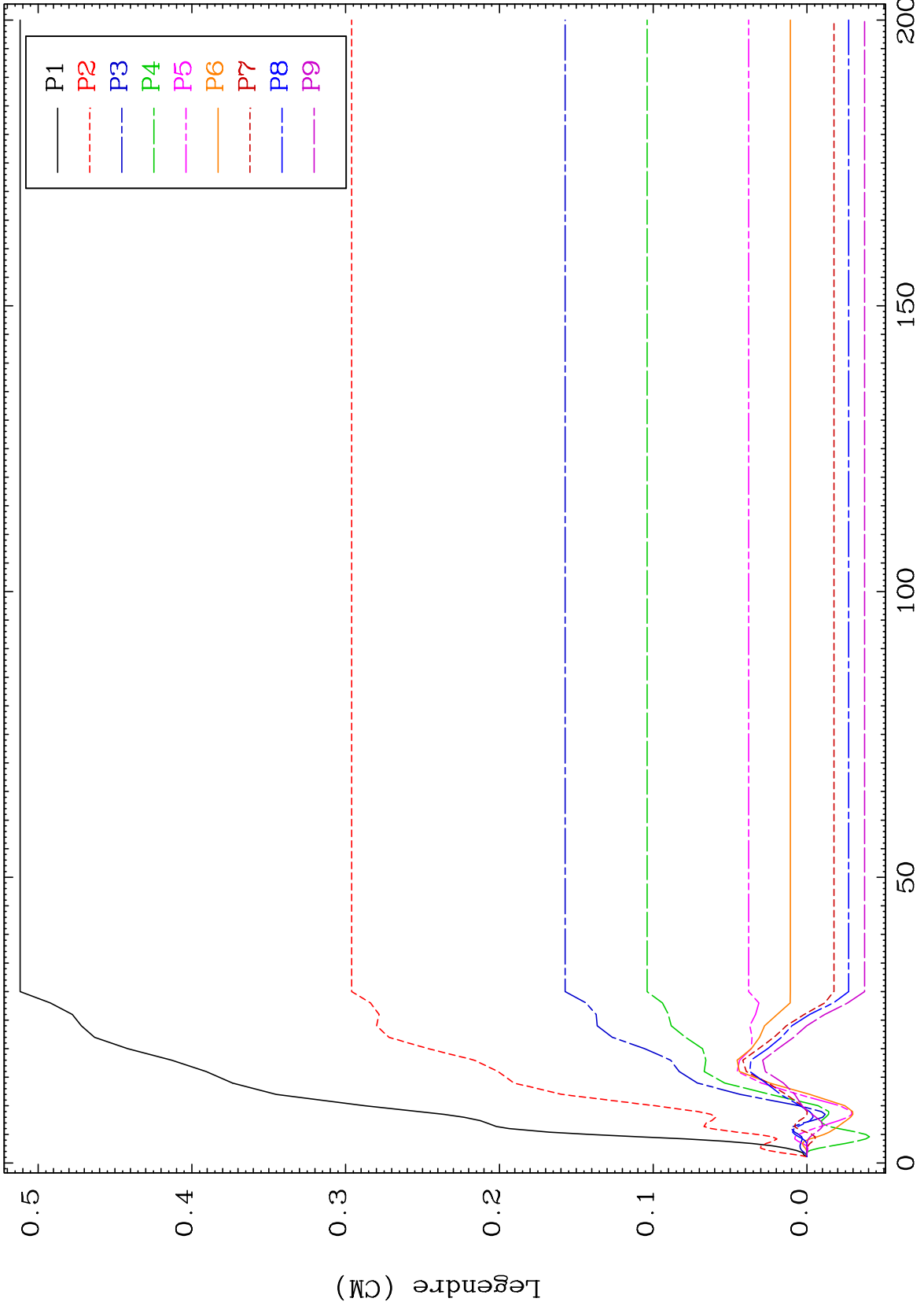


125

Incident Energy (MeV)

64-Gd-151

MAT 6422 MT= 78 (n,n') Level Legendre Coefficients 64-Gd-151

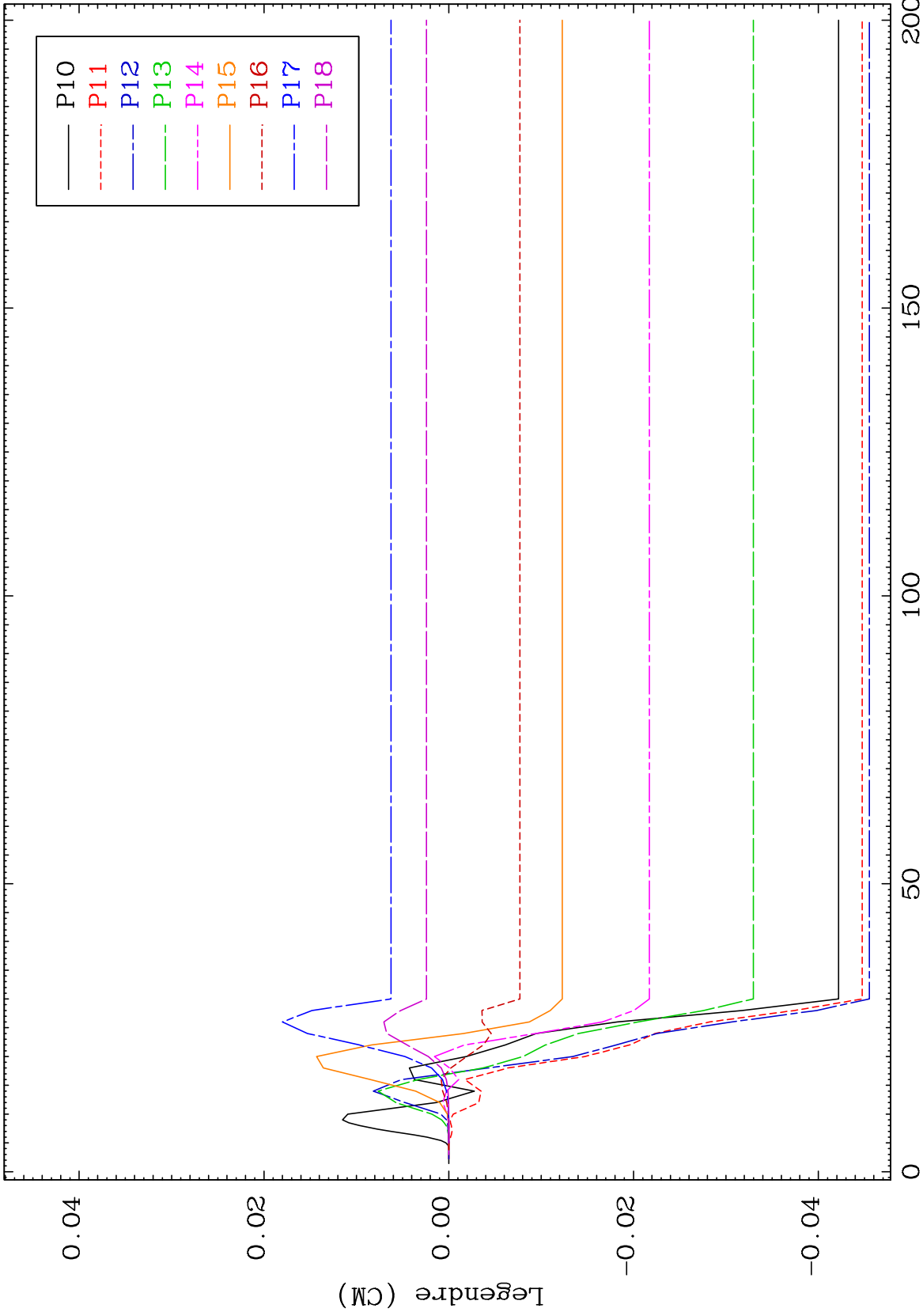


126 64-Gd-151

MAT 6422

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

64-Gd-151



127

Incident Energy (MeV)

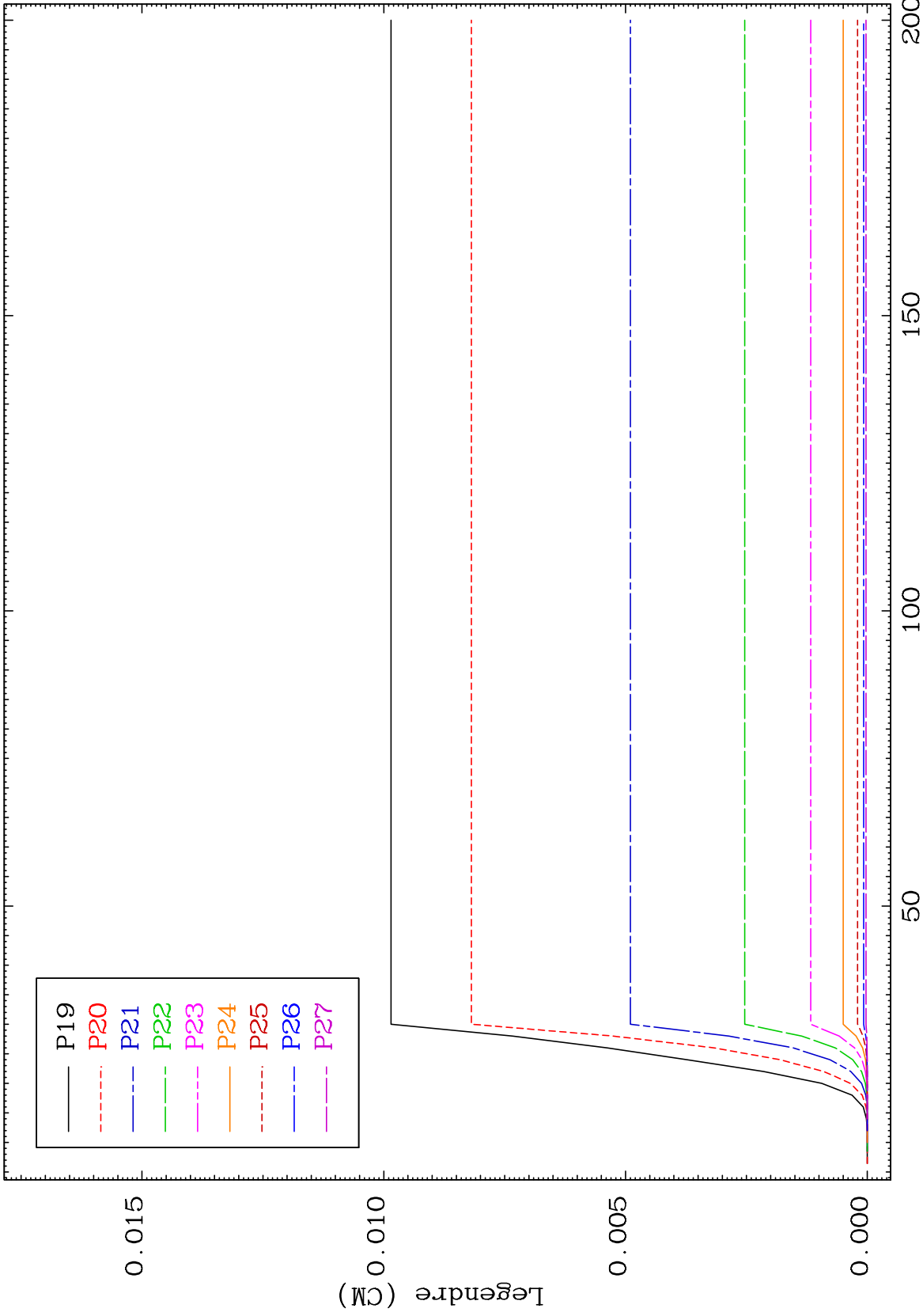
64-Gd-151



MAT 6422

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

64-Gd-151



128

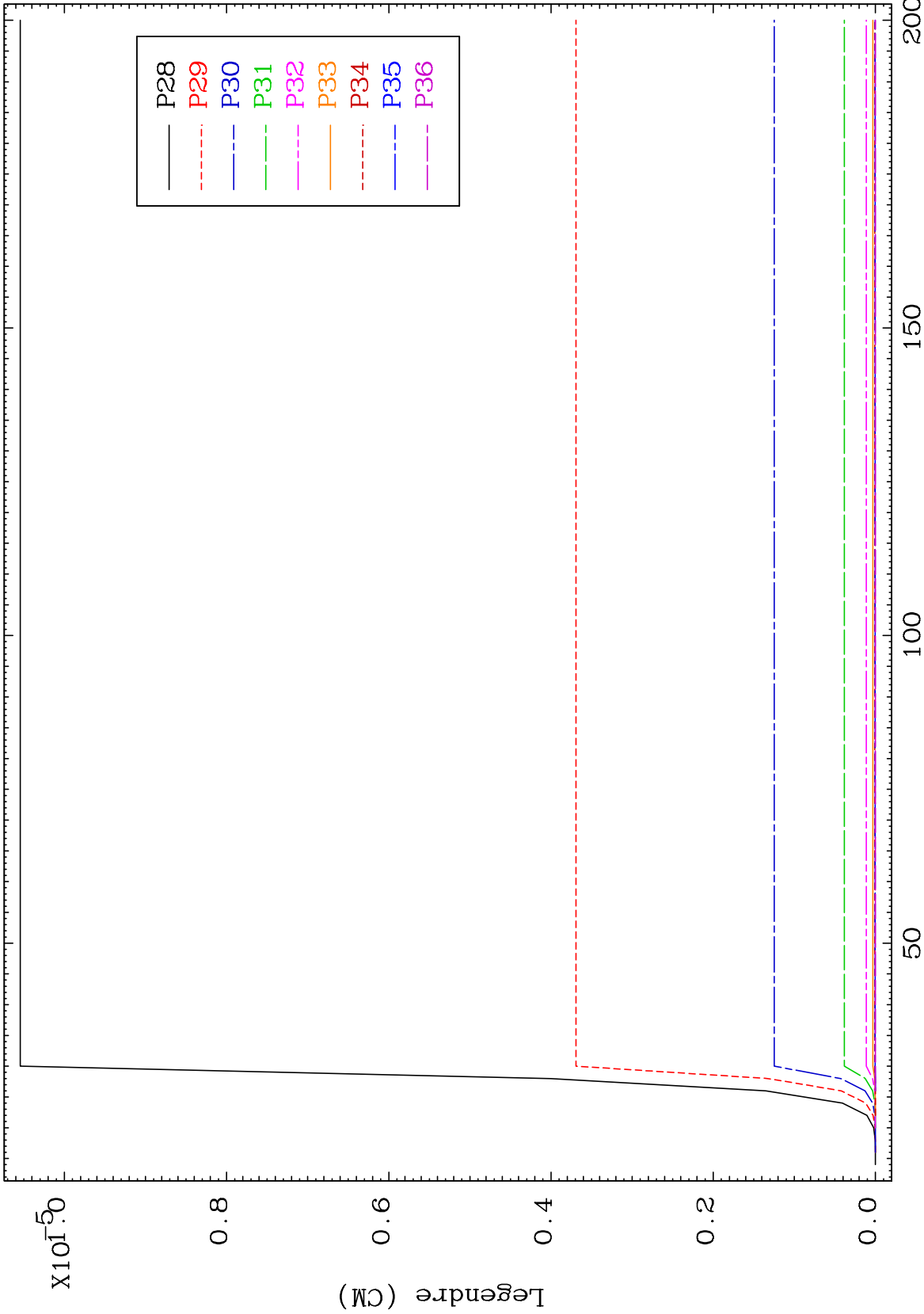
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



129

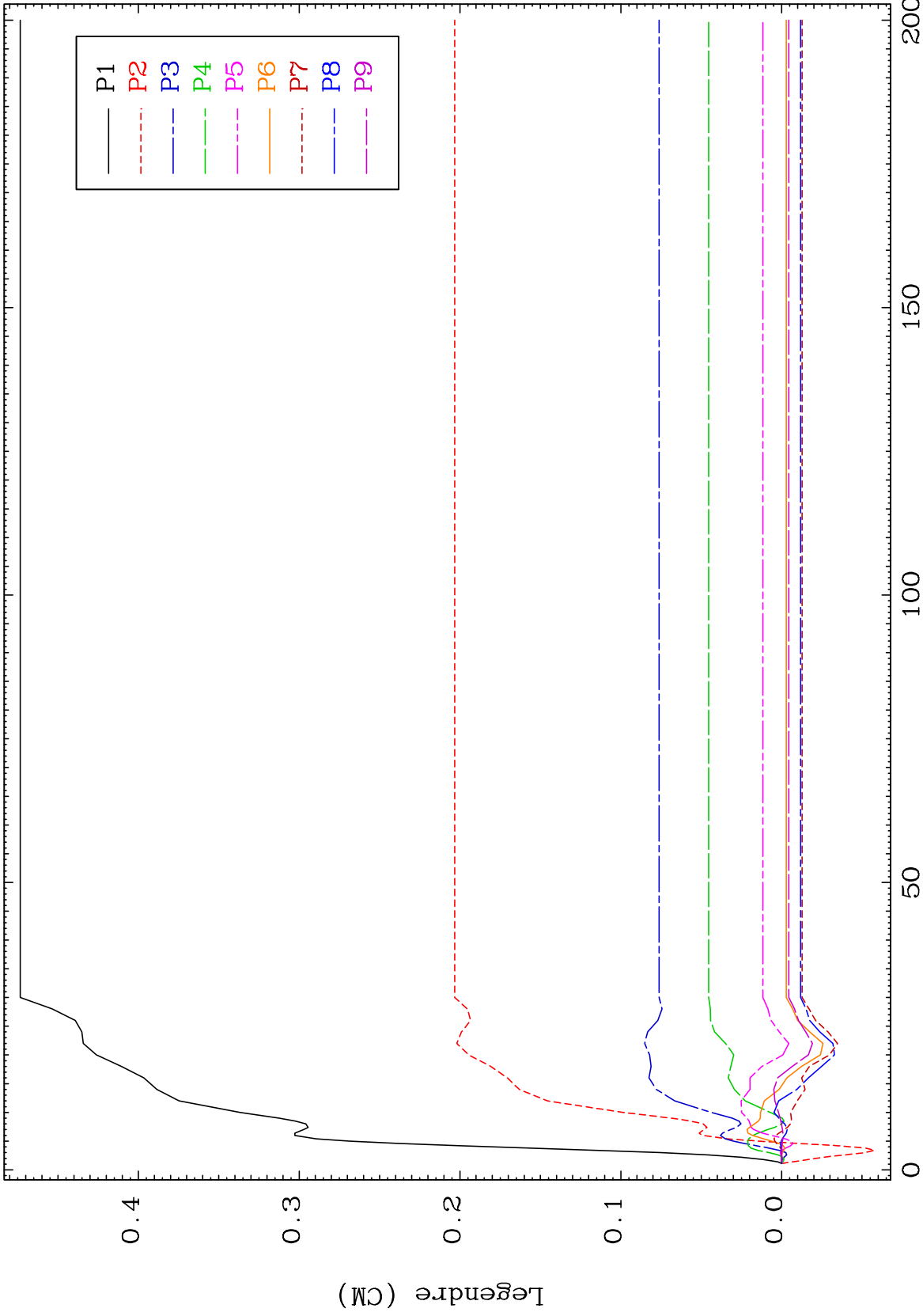
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



64-Gd-151

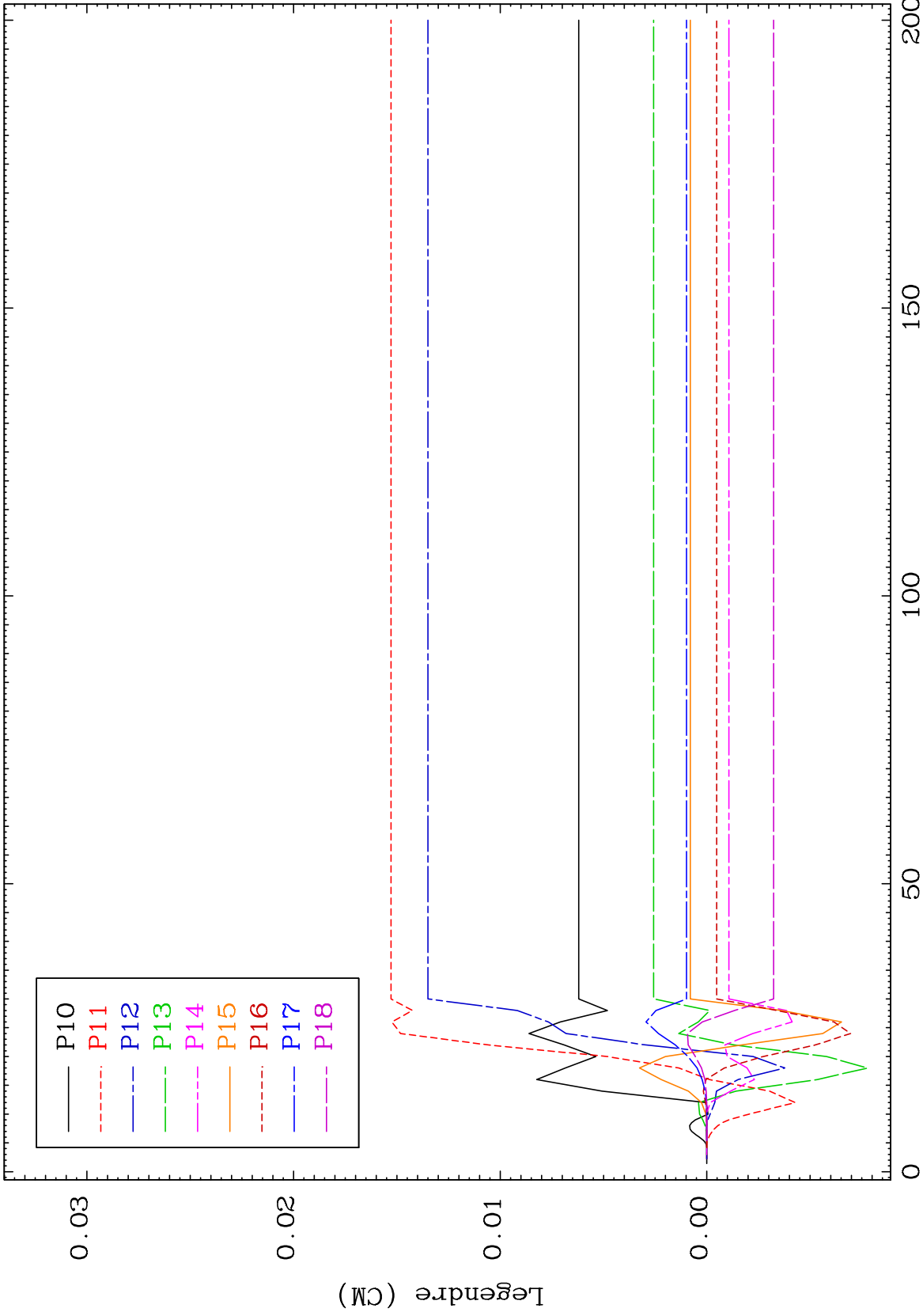
Incident Energy (MeV)

130

MAT 6422

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

64-Gd-151



131

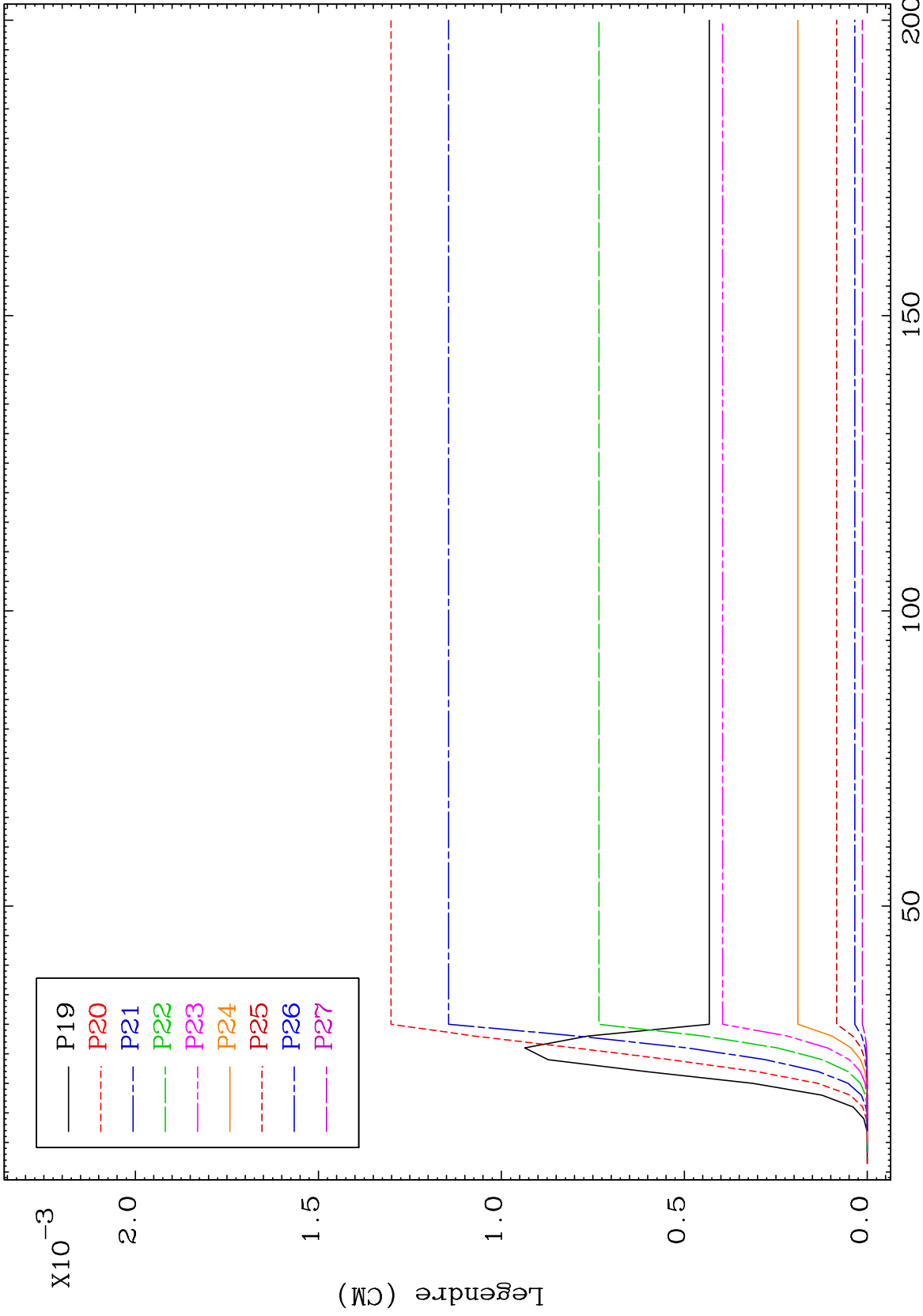
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



132

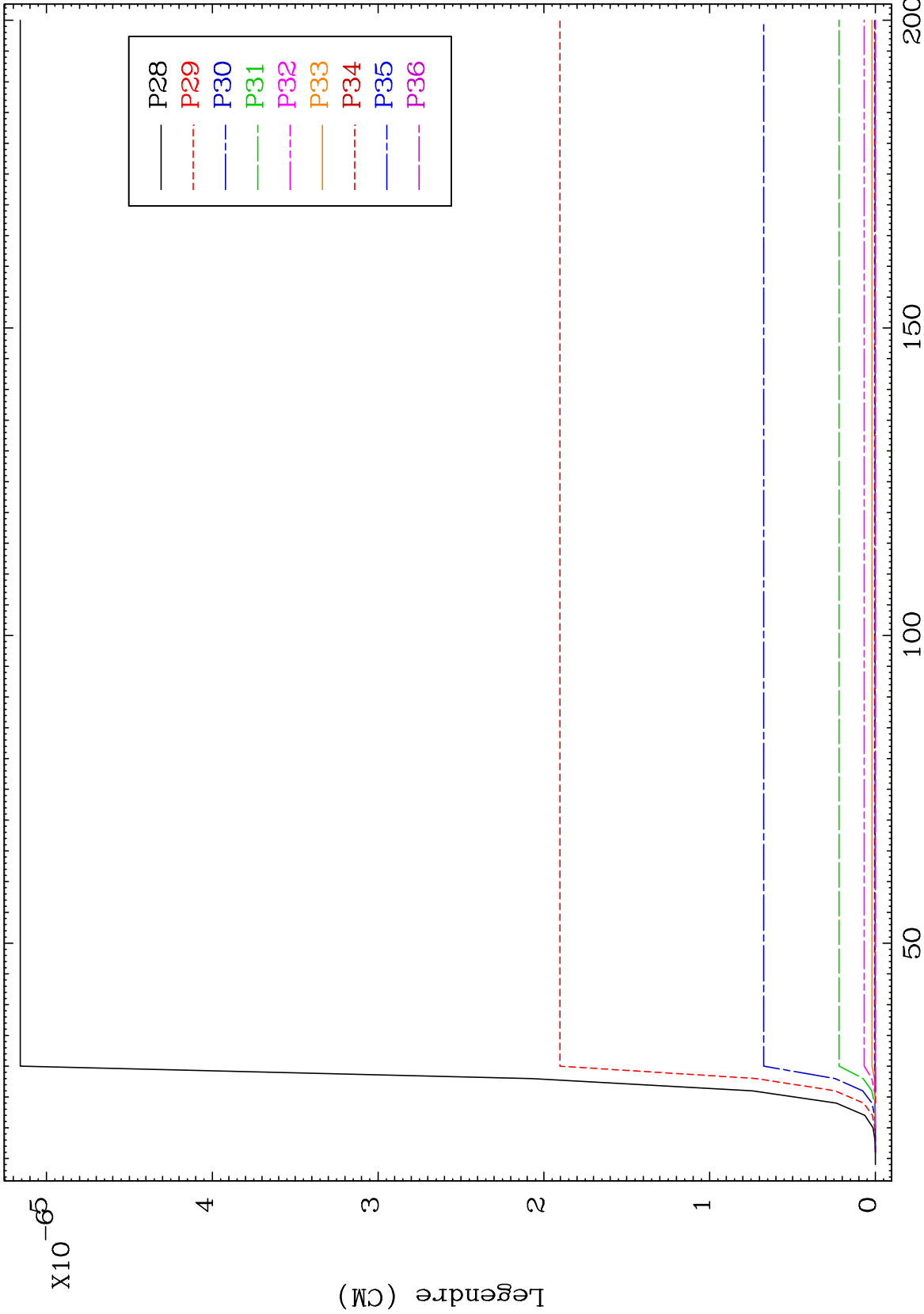
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



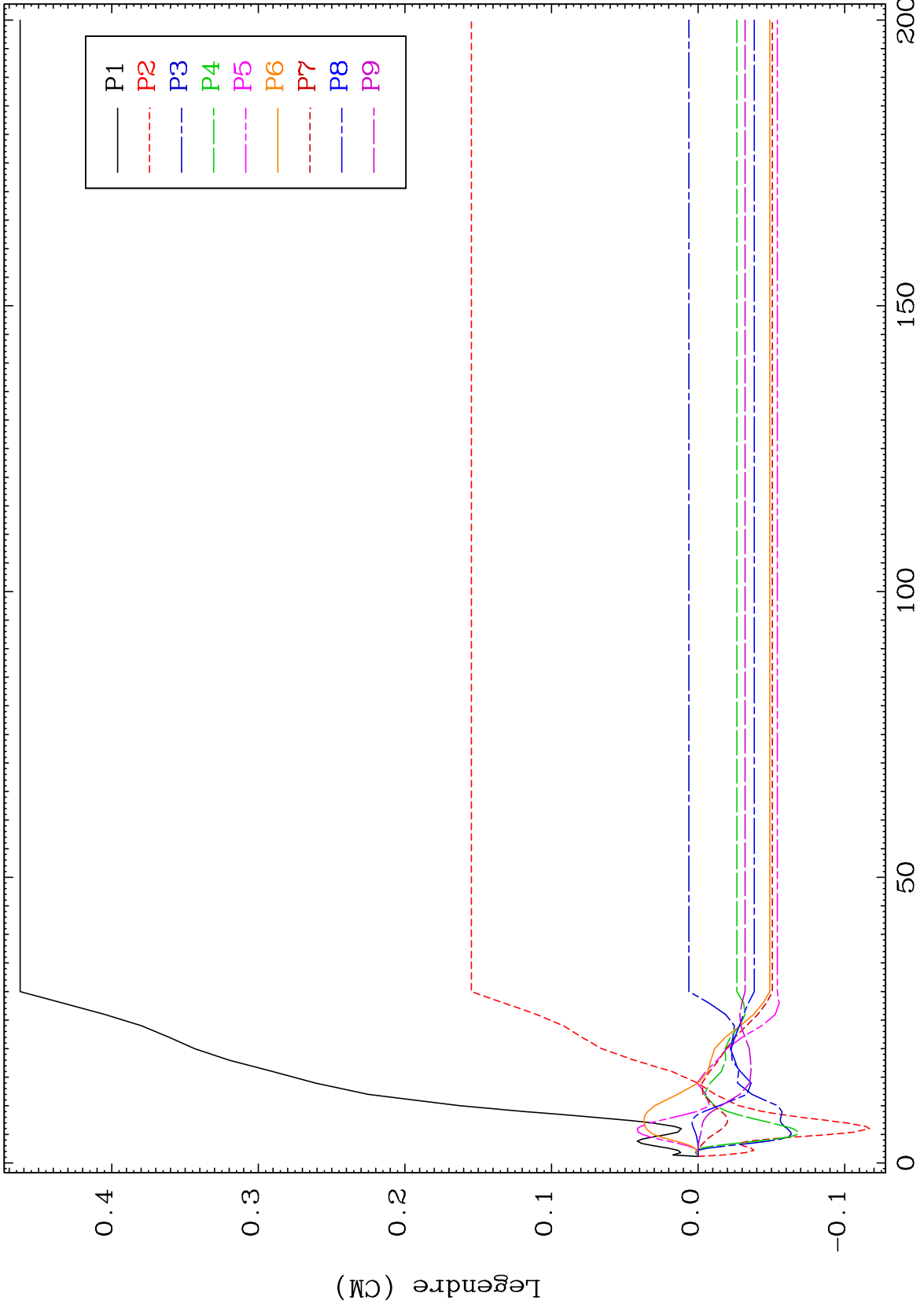
133

64-Gd-151

MAT 6422

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

64-Gd-151

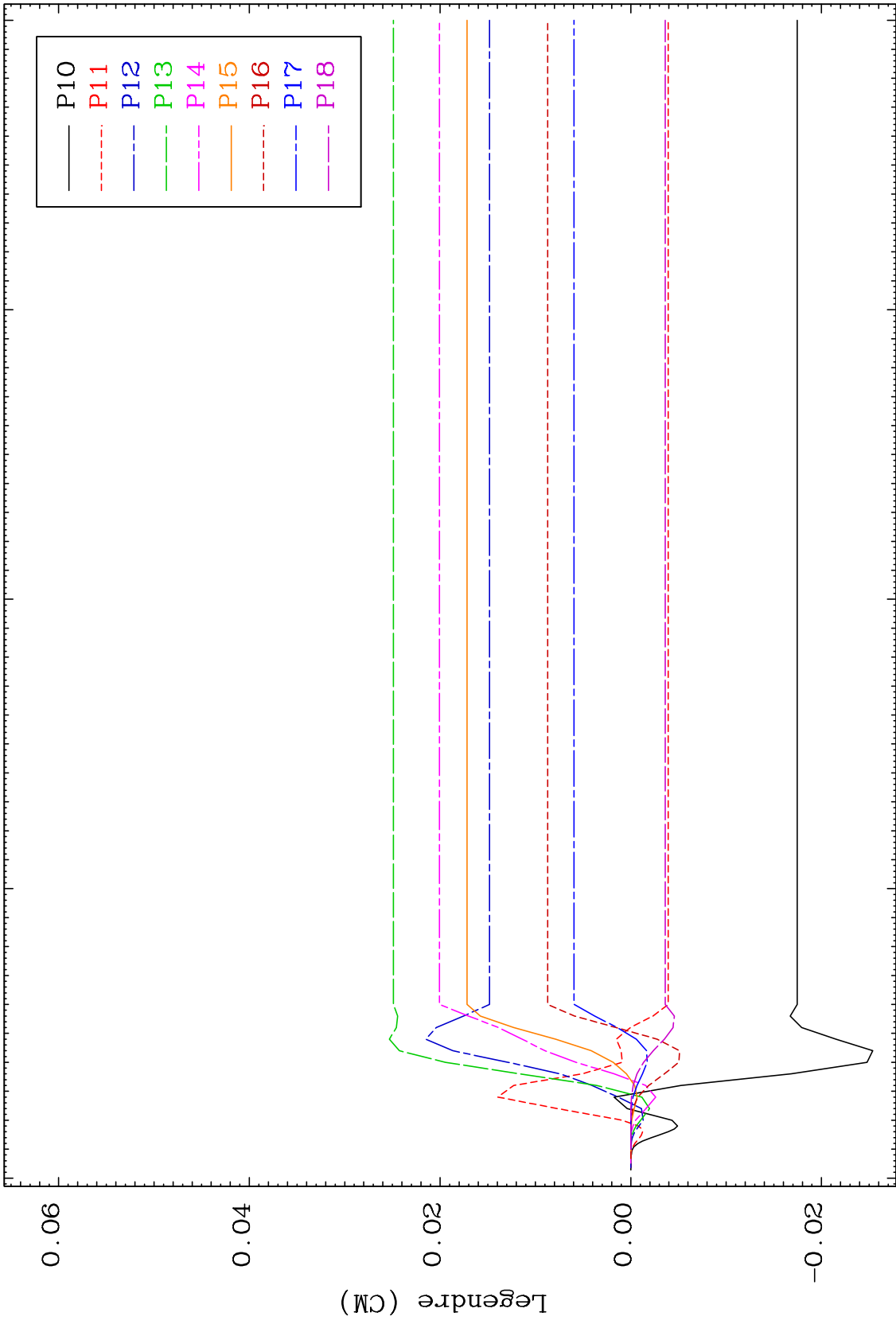


134

Incident Energy (MeV)

64-Gd-151

MAT 6422 MT= 80 (n,n') Level Legendre Coefficients 64-Gd-151



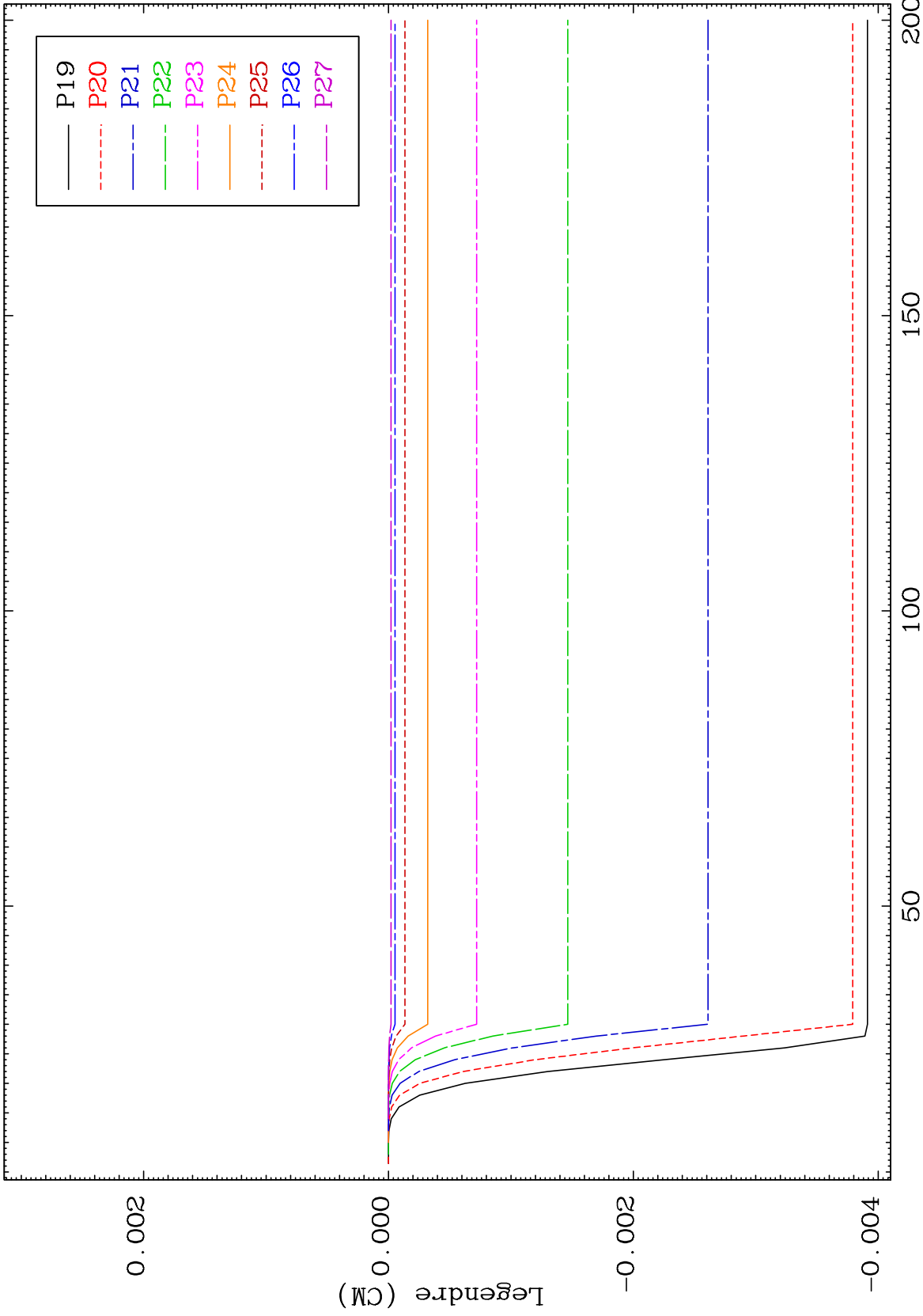
135 64-Gd-151



MAT 6422

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

64-Gd-151



136

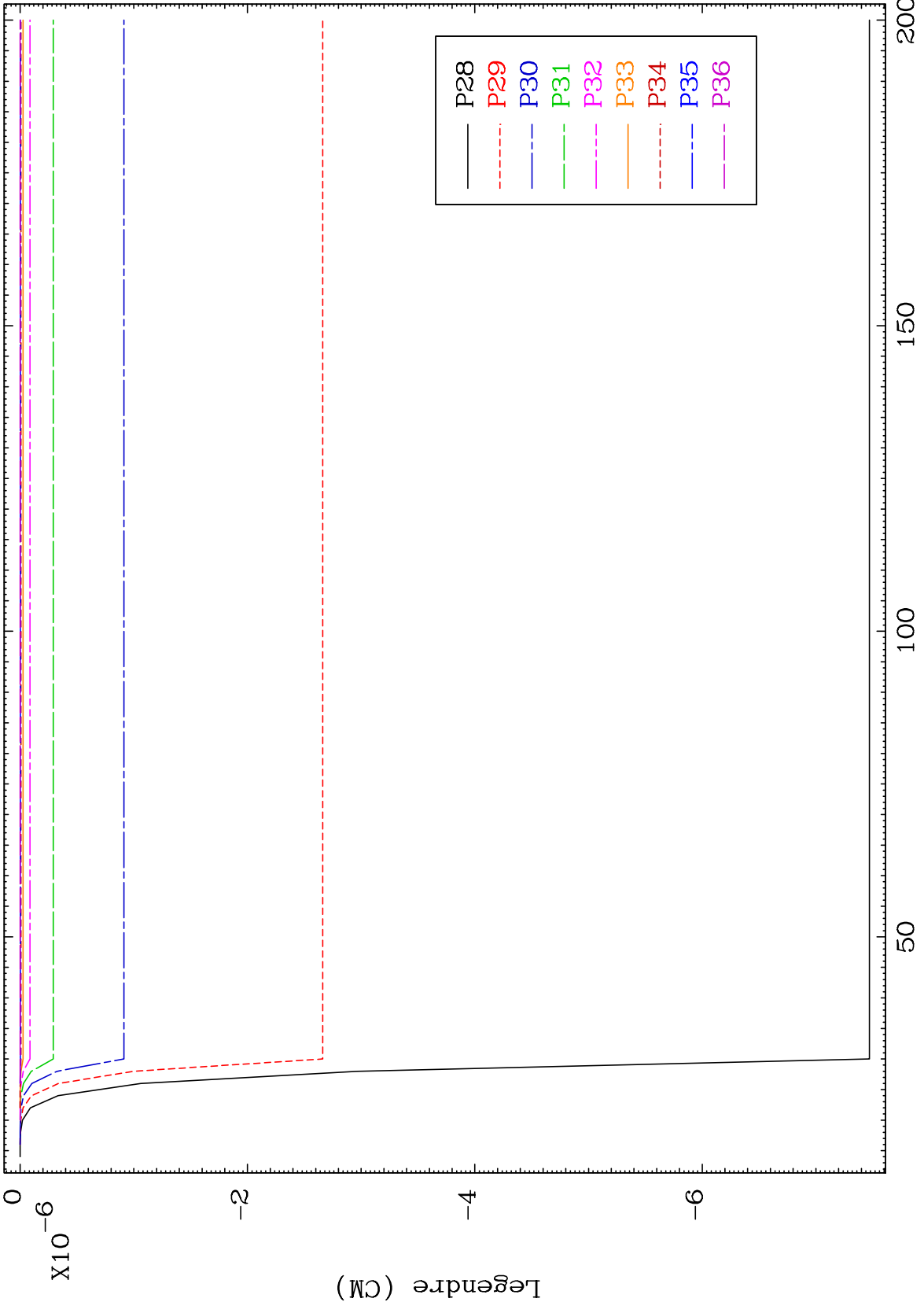
Incident Energy (MeV)

64-Gd-151

MAT 6422

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

64-Gd-151



64-Gd-151

Incident Energy (MeV)

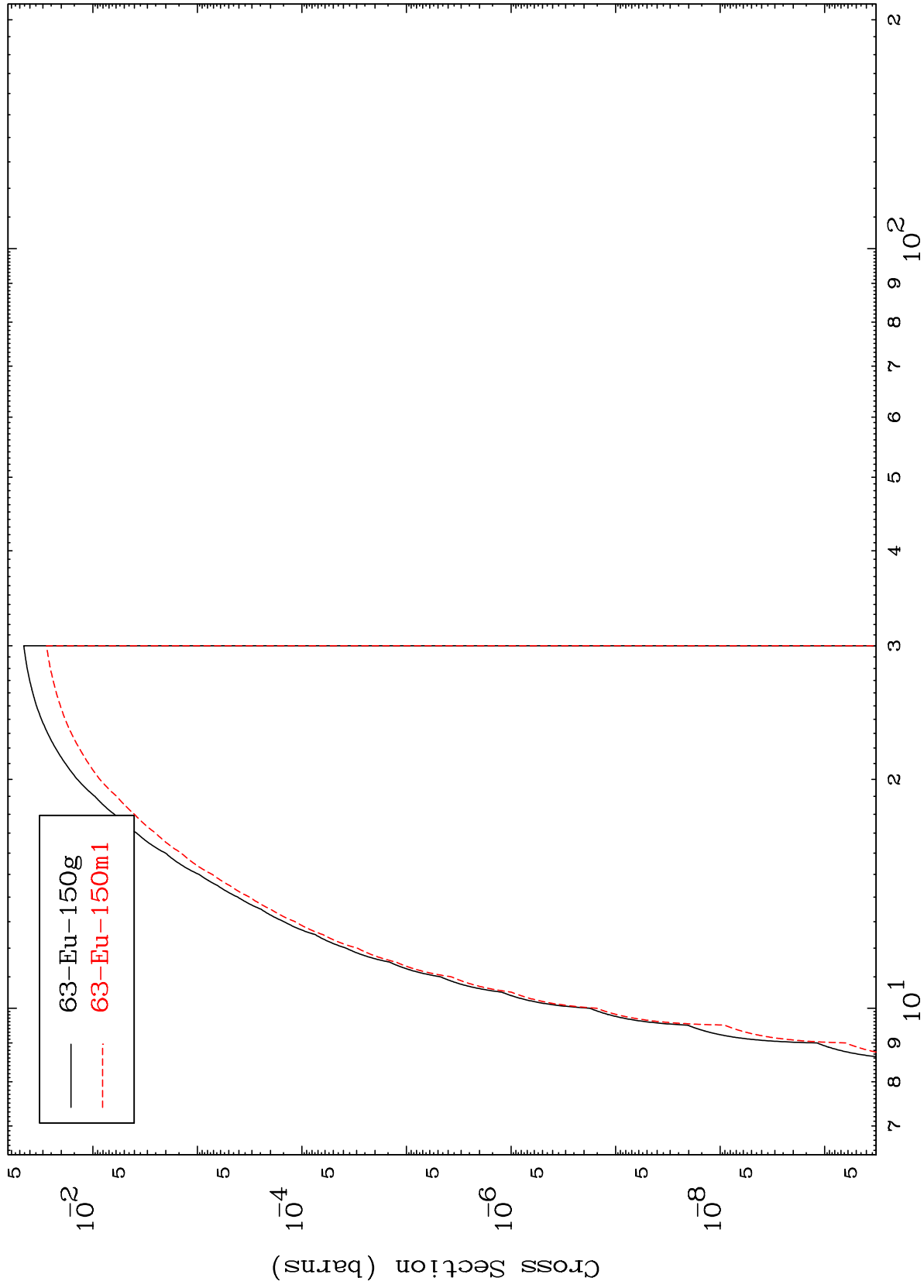
137

MAT 6422

(n,n') p

64-Gd-151

Radionuclide Production Cross Section



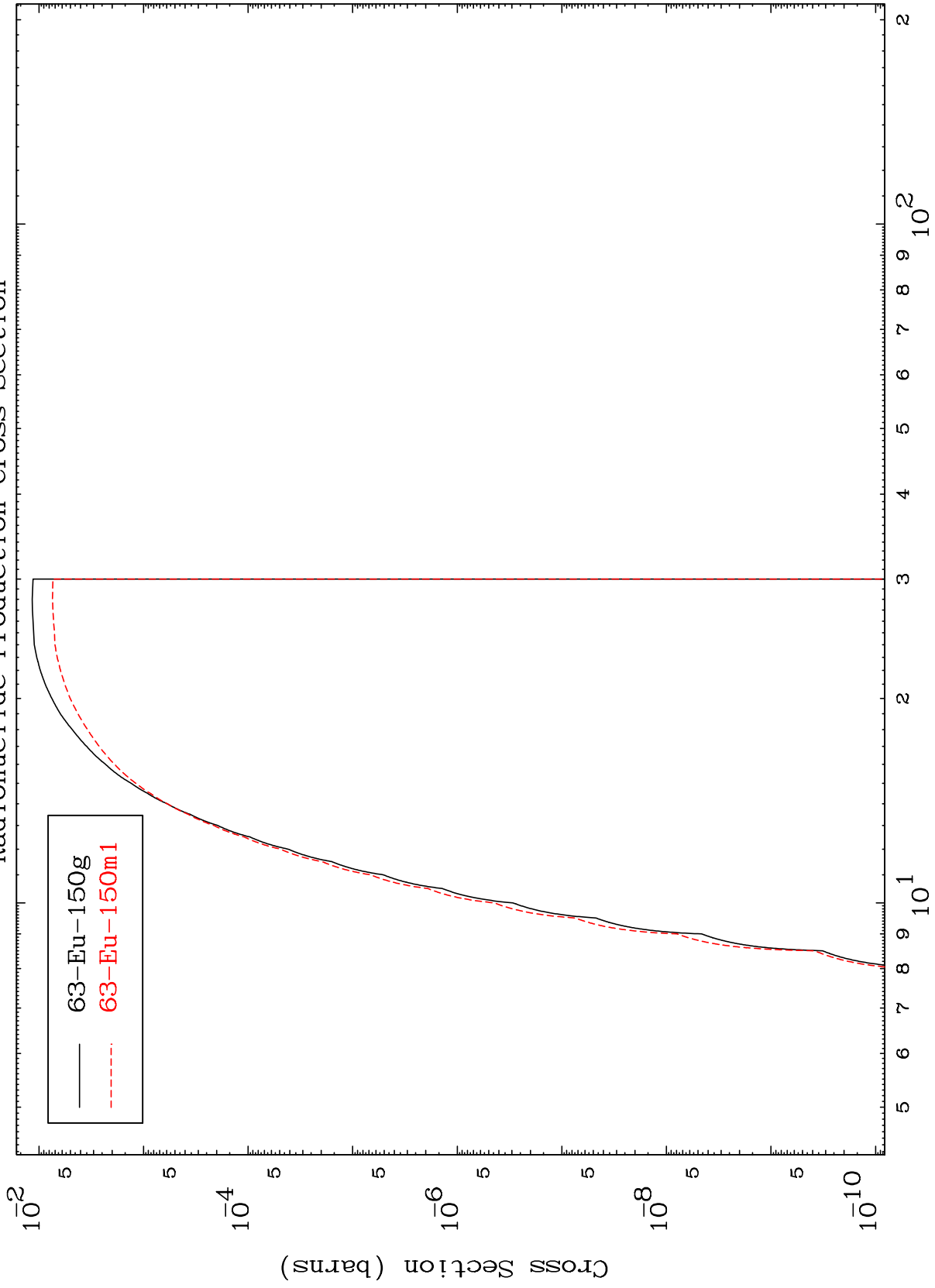
63-Eu-150g  
63-Eu-150m1

138

MAT 6422

64-Gd-151

(n,d)  
Radionuclide Production Cross Section



139

Incident Energy (MeV)

64-Gd-151