

Program EVALPLOT  
(Version 2018-1)

by

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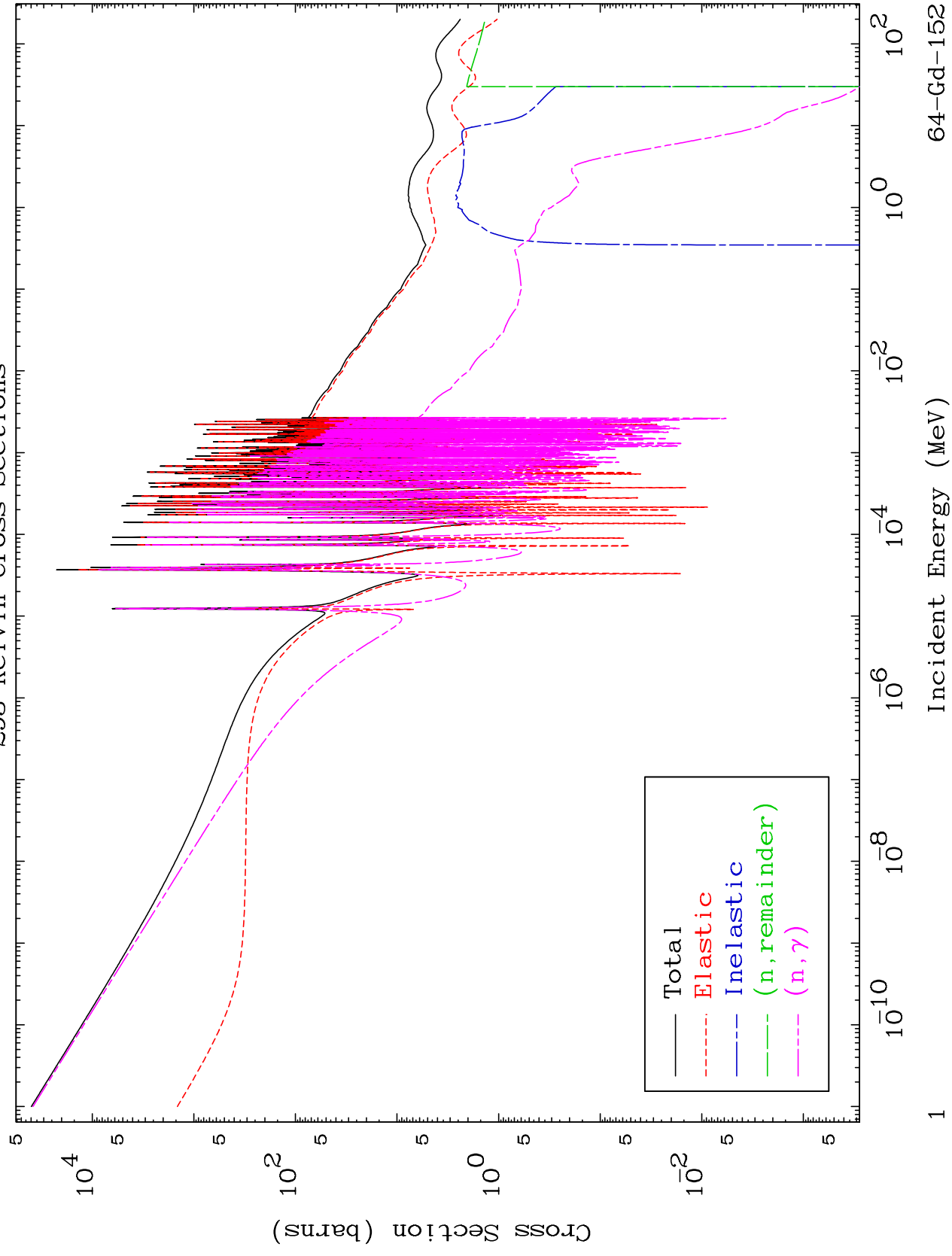
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6425

Major  
293 Kelvin Cross Sections

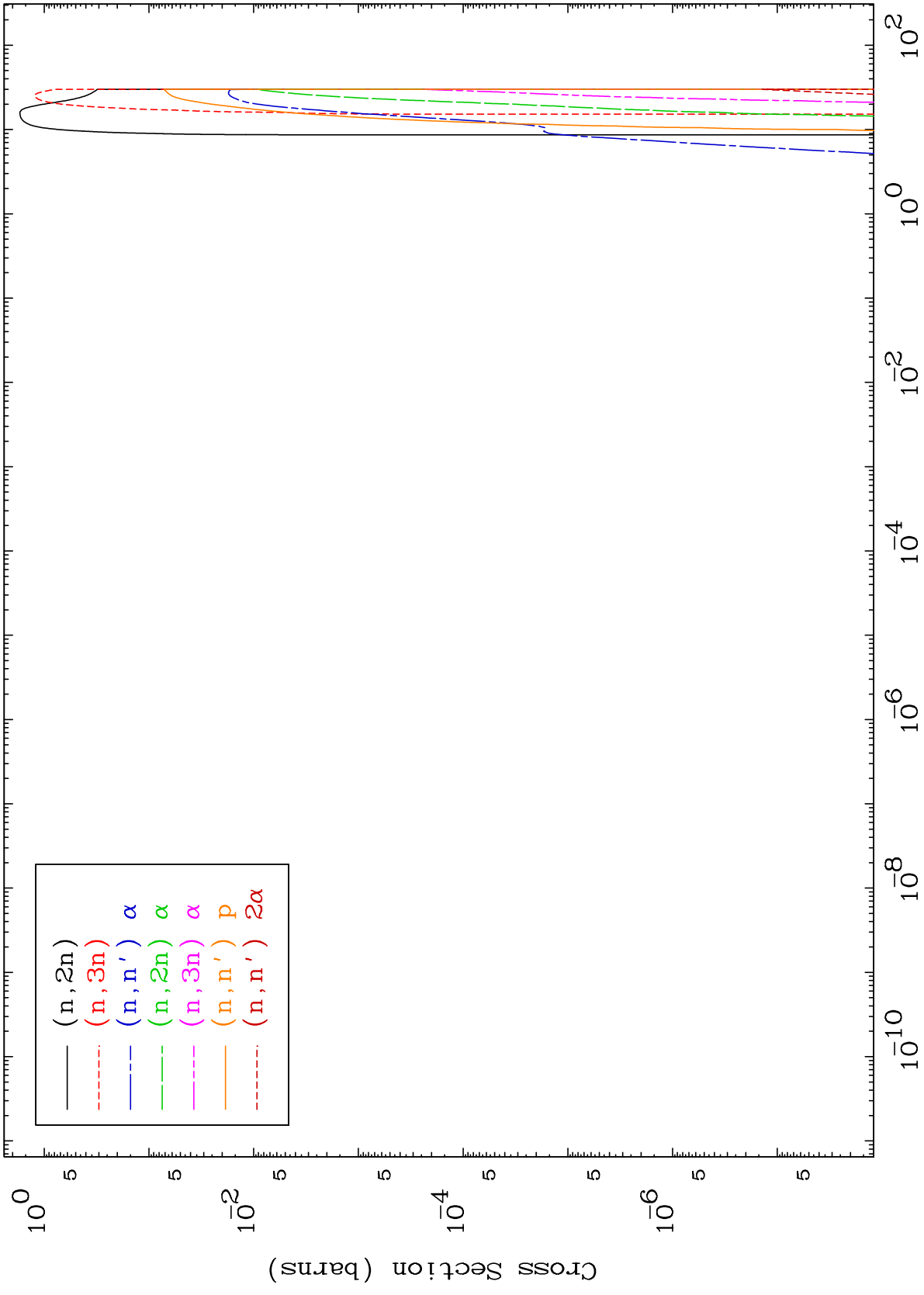
64-Gd-152



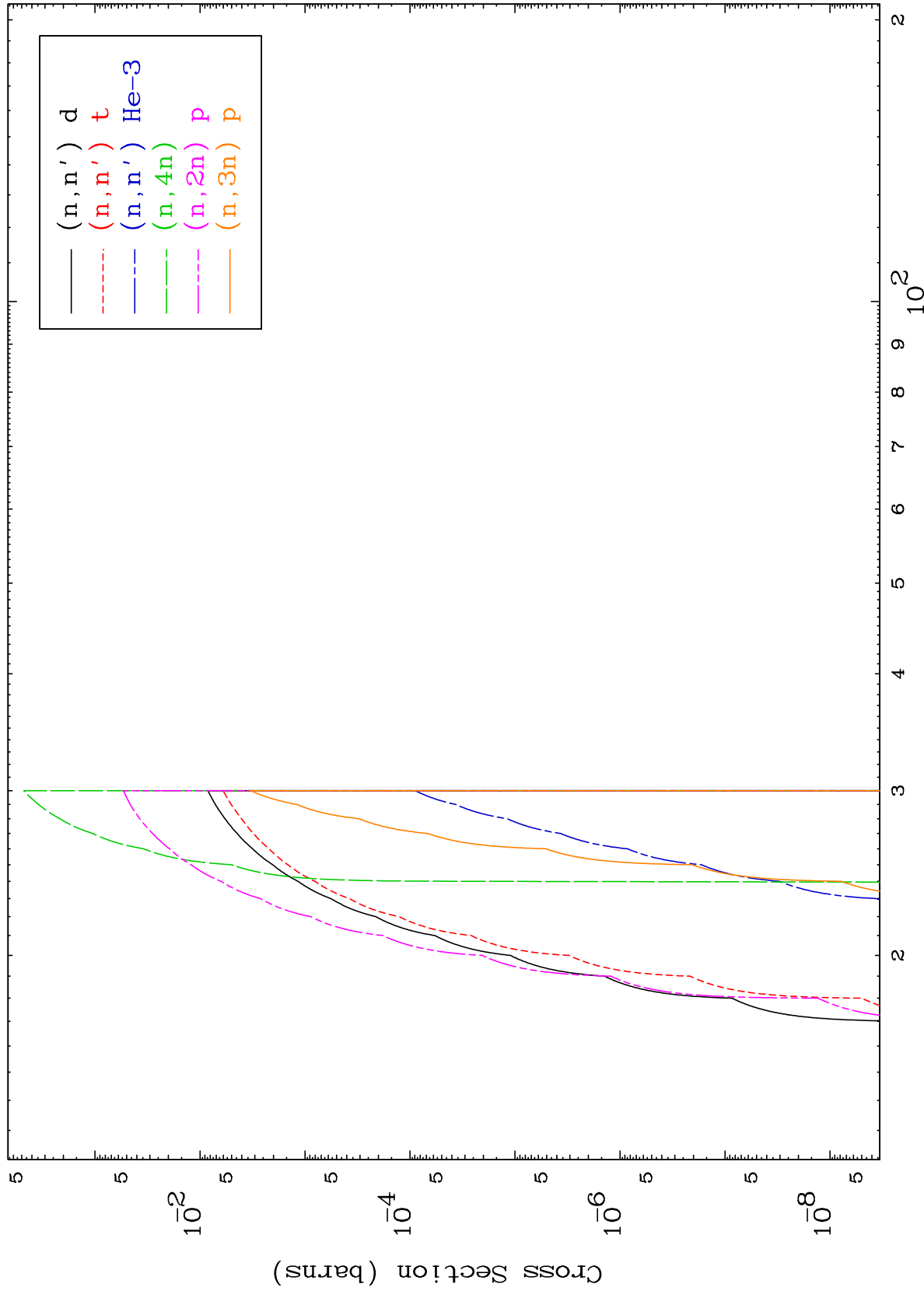
MAT 6425

Neutron Production  
293 Kelvin Cross Sections

64-Gd-152



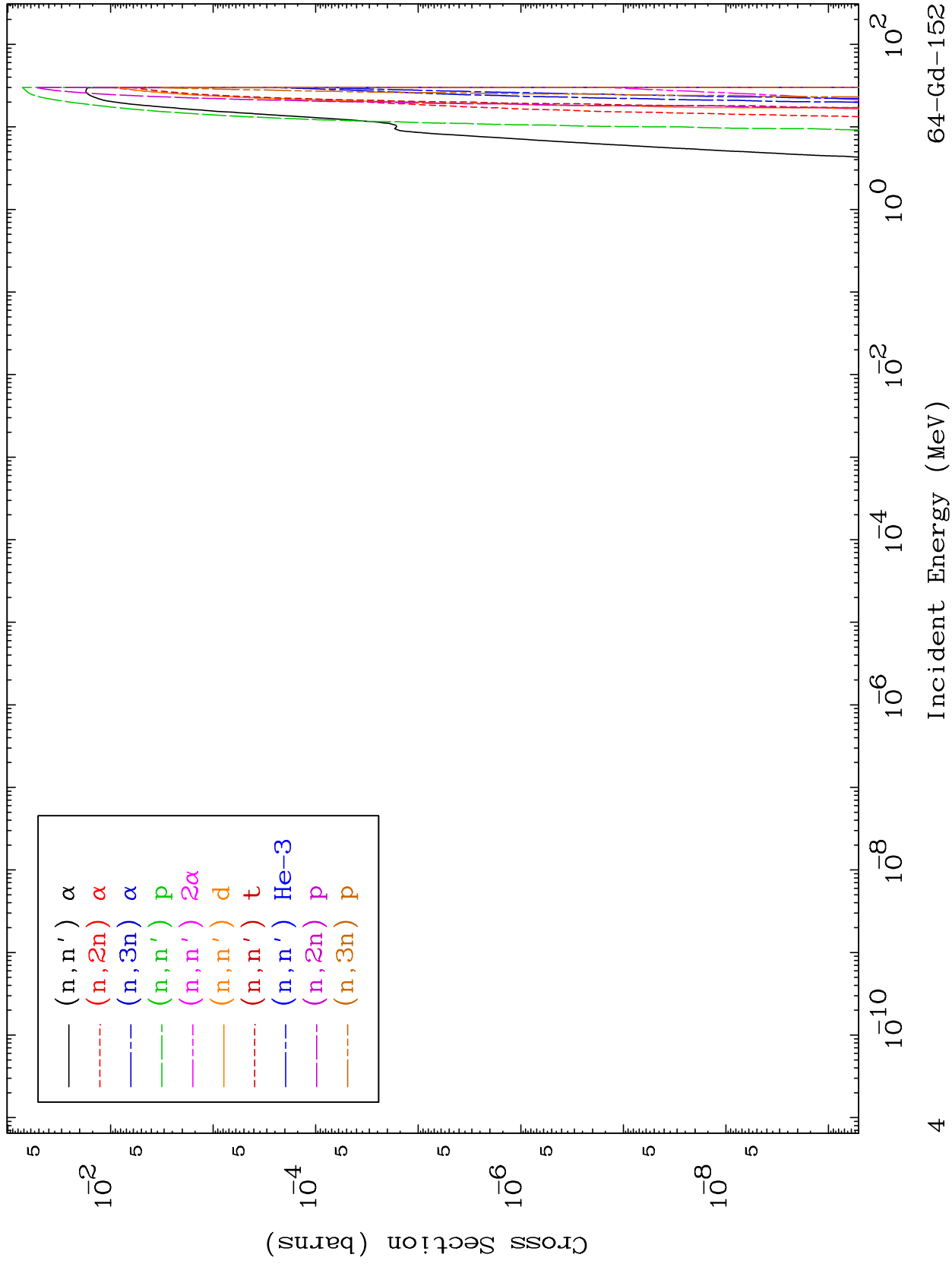
64-Gd-152



MAT 6425

Charged Particle  
293 Kelvin Cross Sections

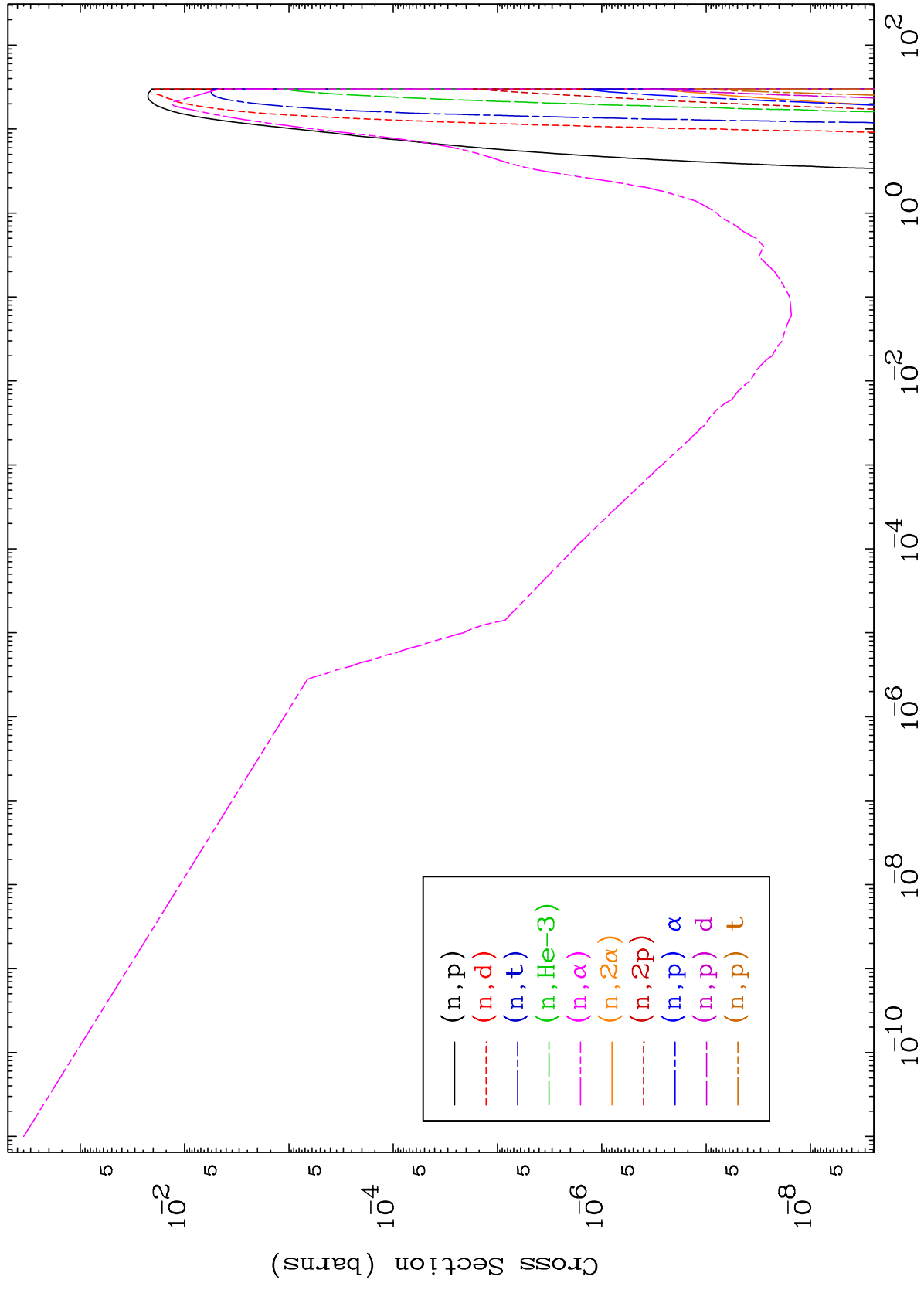
64-Gd-152



MAT 6425

293 Kelvin Cross Sections

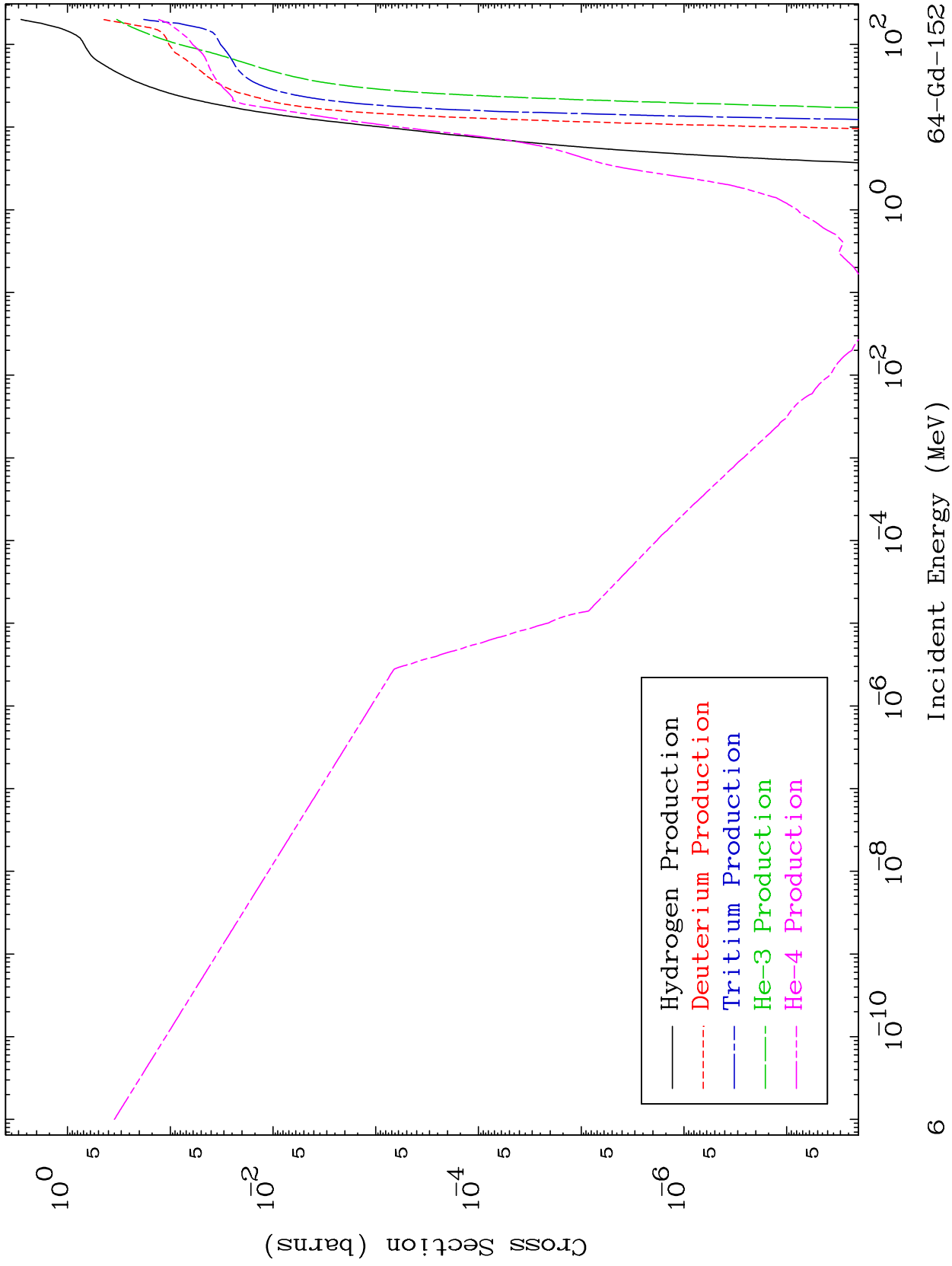
64-Gd-152



MAT 6425

Particle Production  
293 Kelvin Cross Sections

64-Gd-152

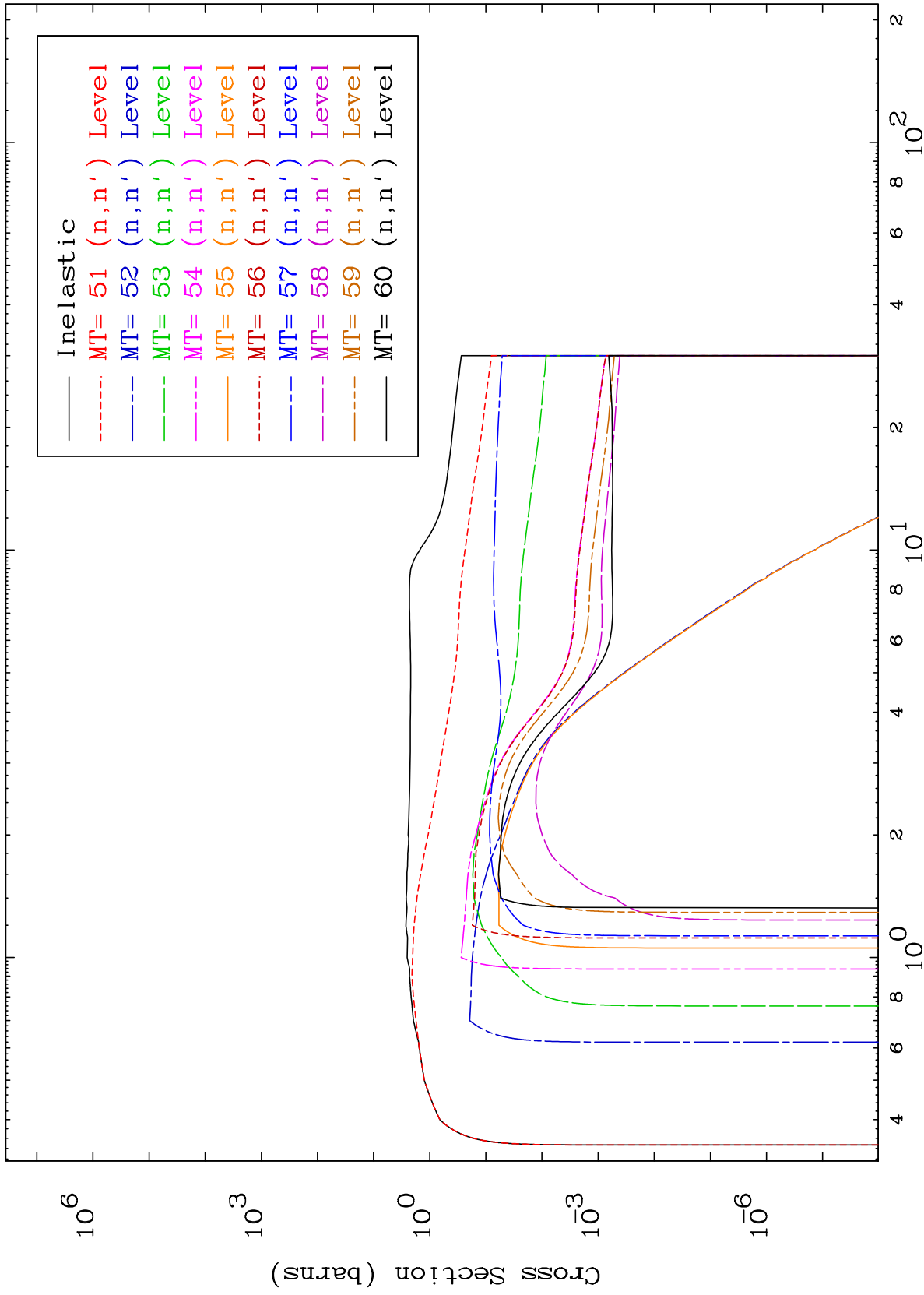


MAT 6425

(n,n') Level

64-Gd-152

293 Kelvin Cross Sections



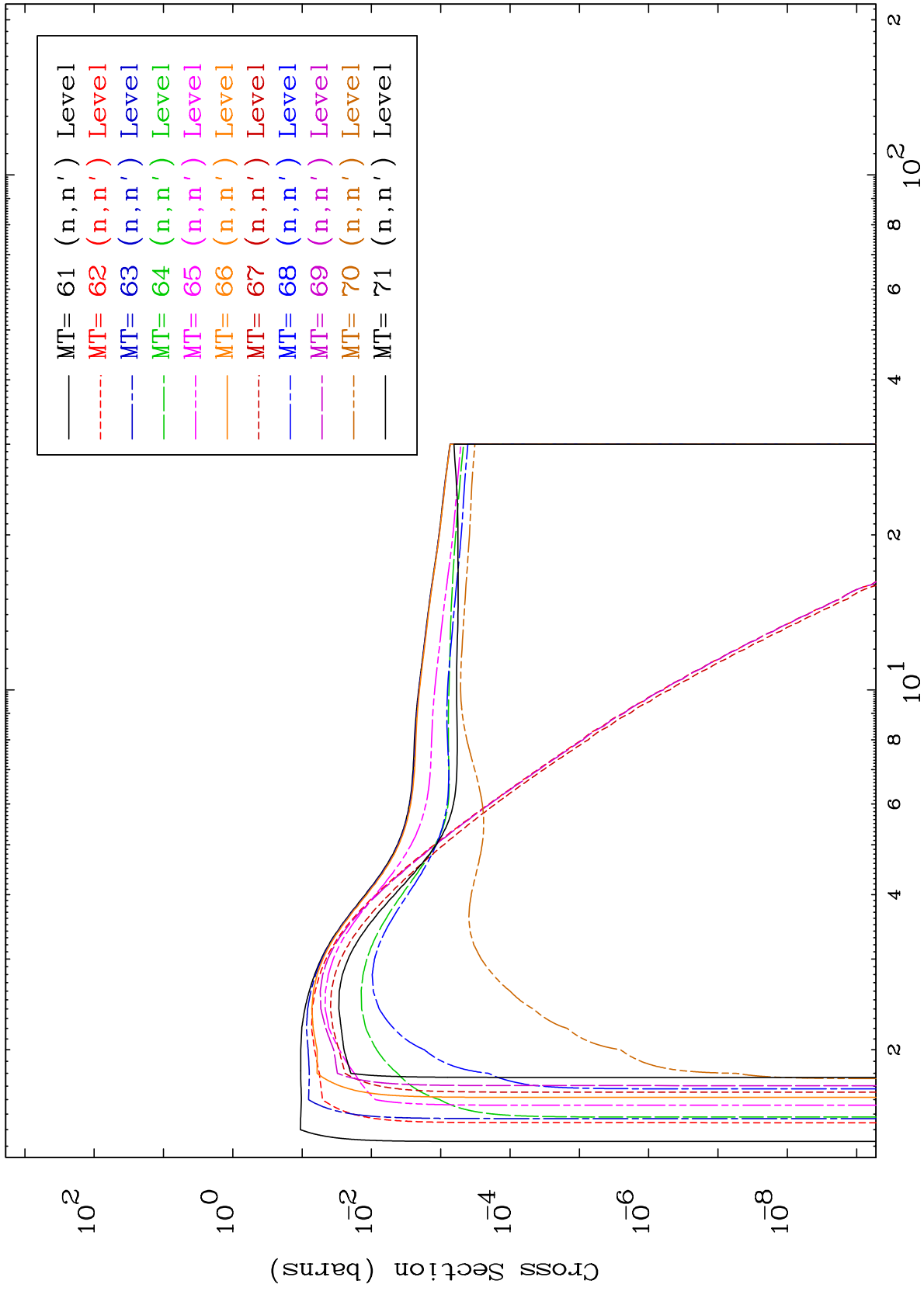


MAT 6425

(n,n') Level

64-Gd-152

293 Kelvin Cross Sections



8

Incident Energy (MeV)

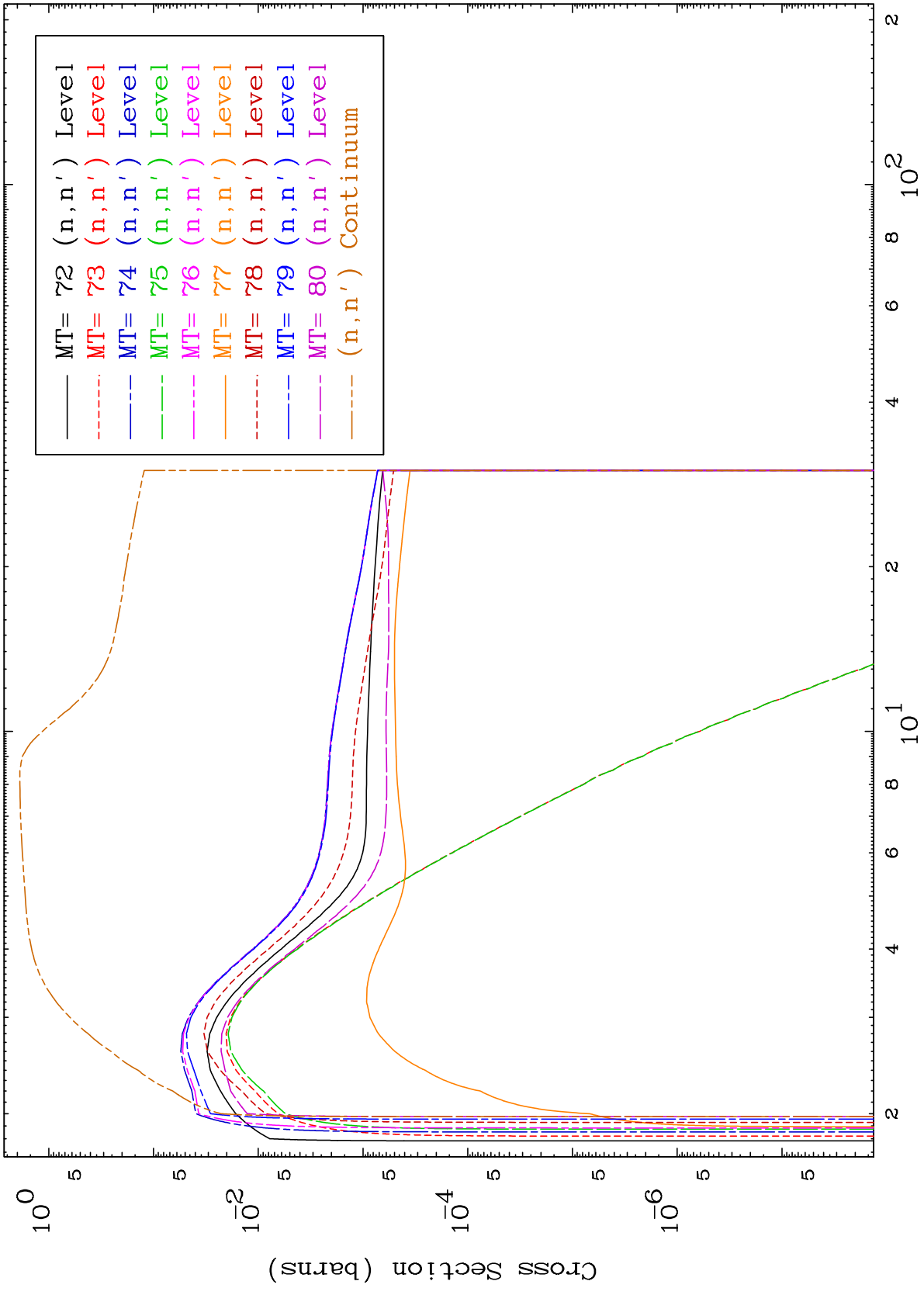
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MAT 6425

(n,n') Level

64-Gd-152

293 Kelvin Cross Sections



9

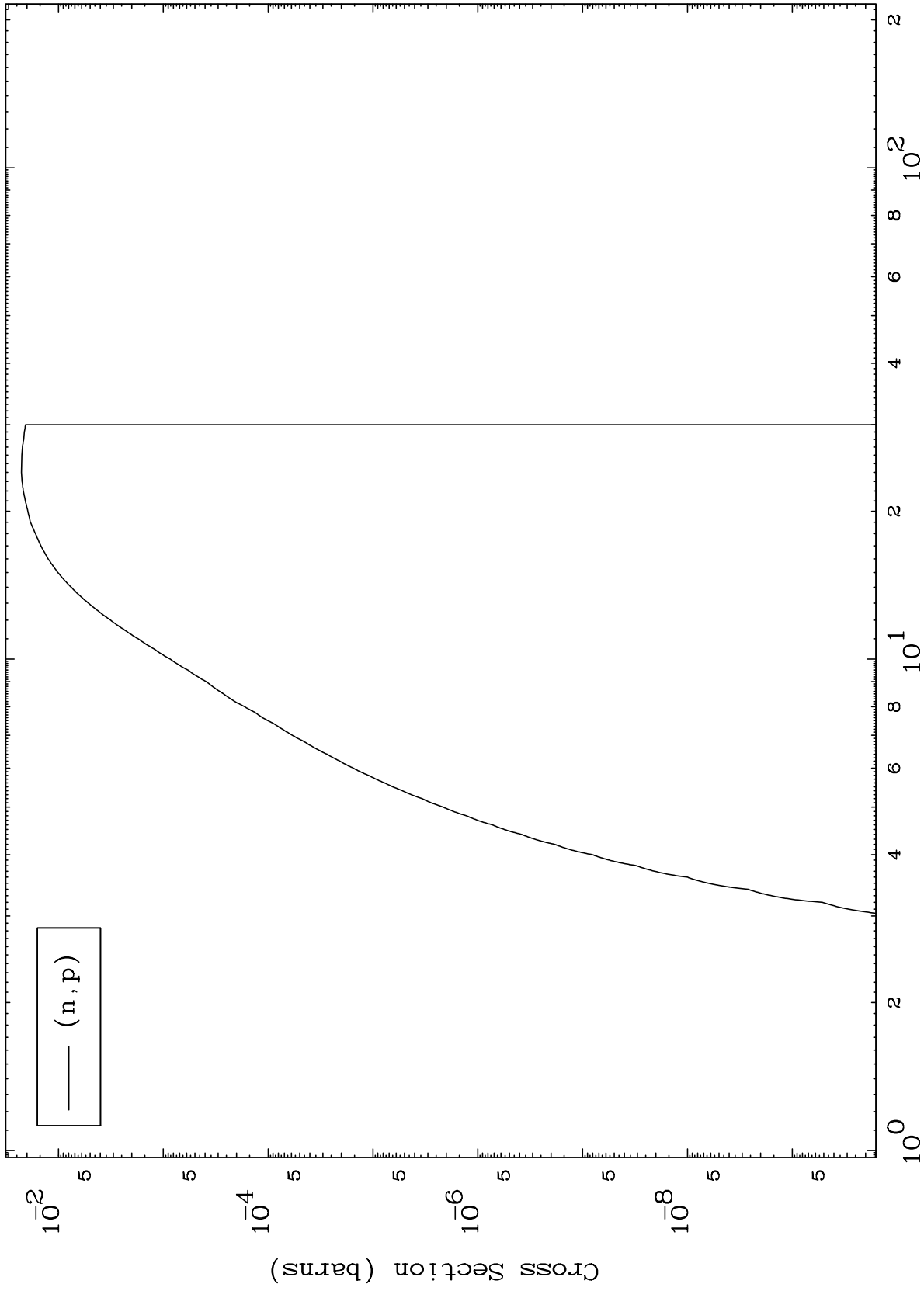
Incident Energy (MeV)

64-Gd-152

MAT 6425

(n,p) Levels  
293 Kelvin Cross Sections

64-Gd-152



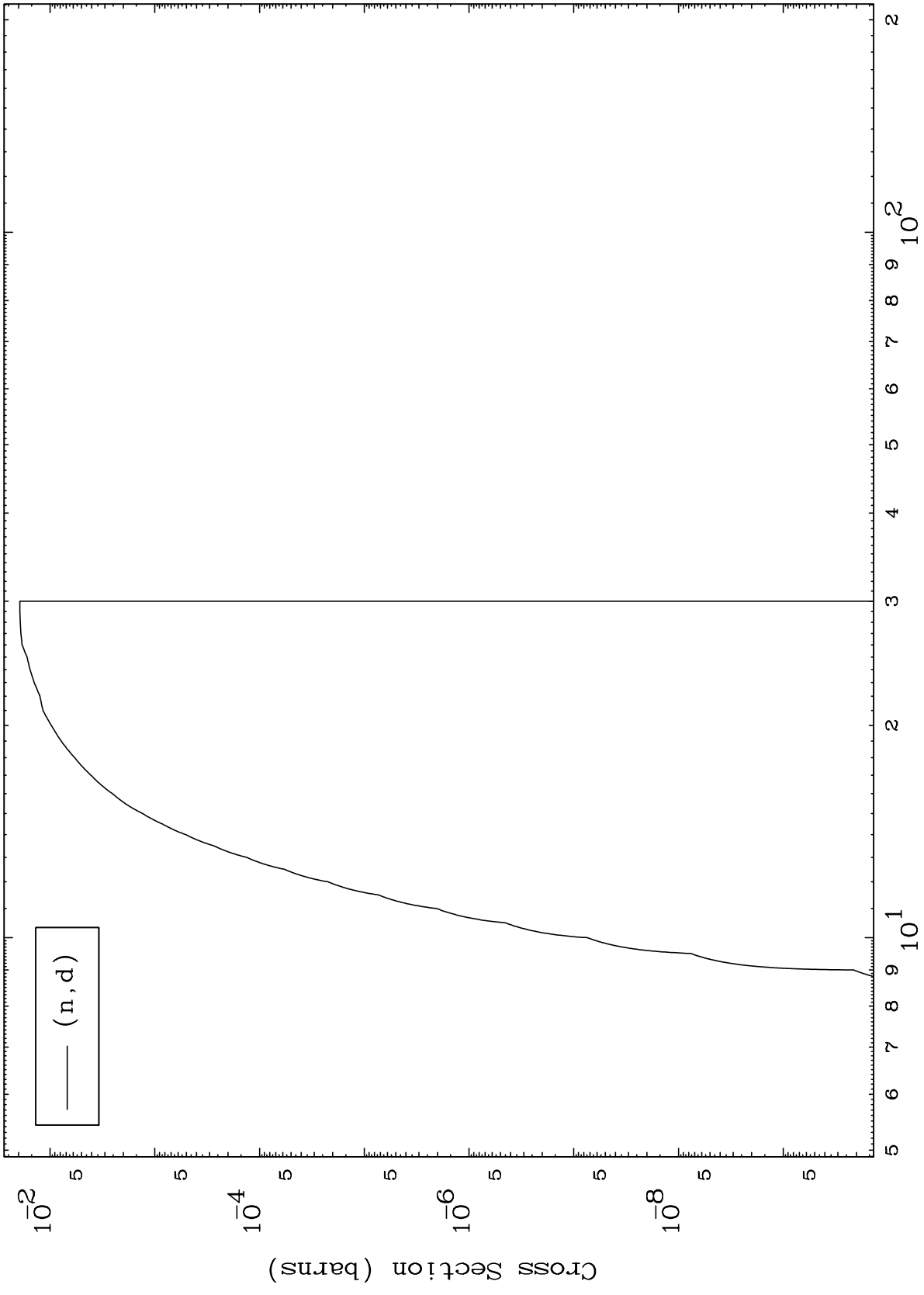
Incident Energy (MeV)

64-Gd-152

MAT 6425

(n,d) Levels  
293 Kelvin Cross Sections

64-Gd-152



11

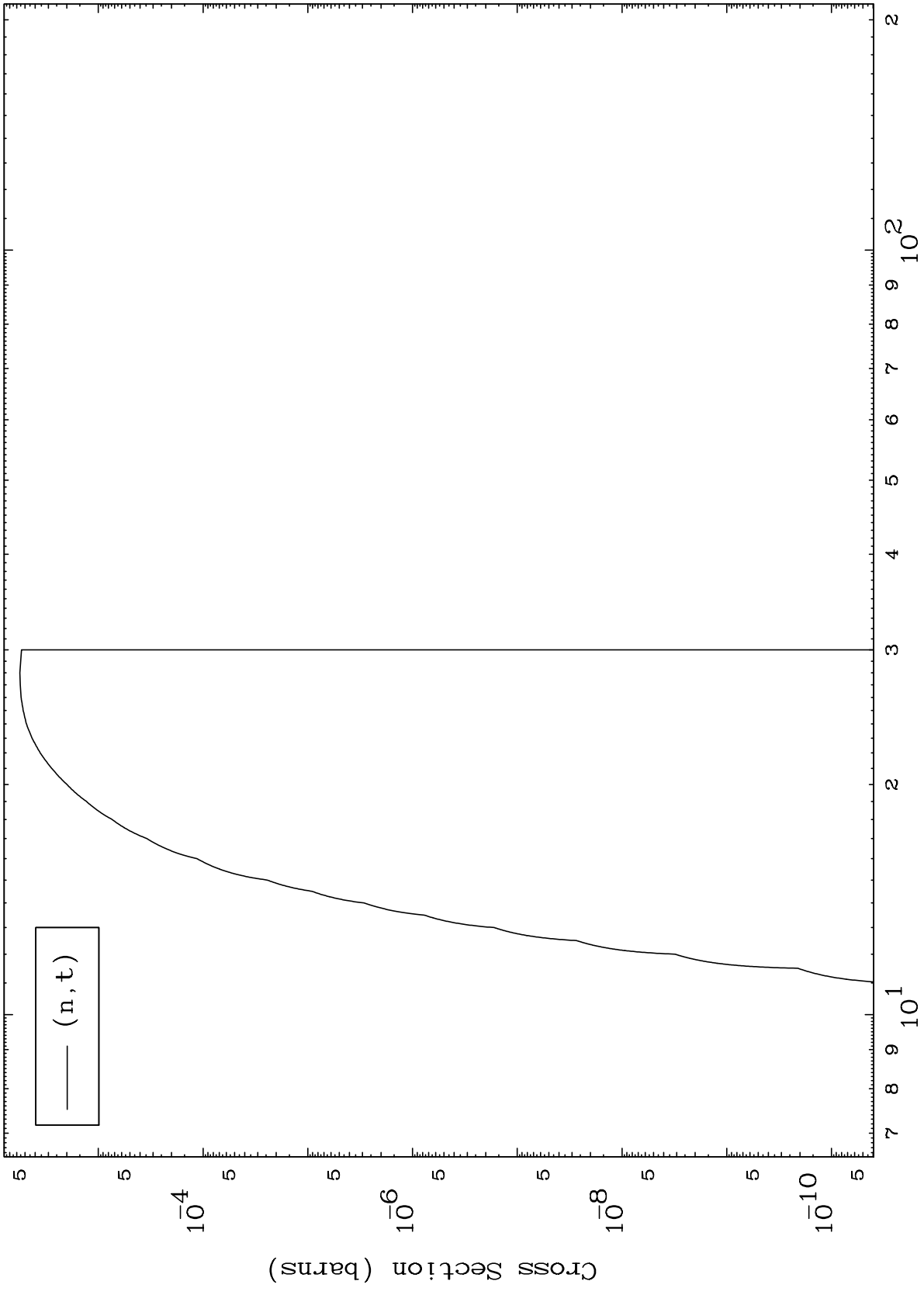
Incident Energy (MeV)

64-Gd-152

MAT 6425

(n,t) Levels  
293 Kelvin Cross Sections

64-Gd-152



12

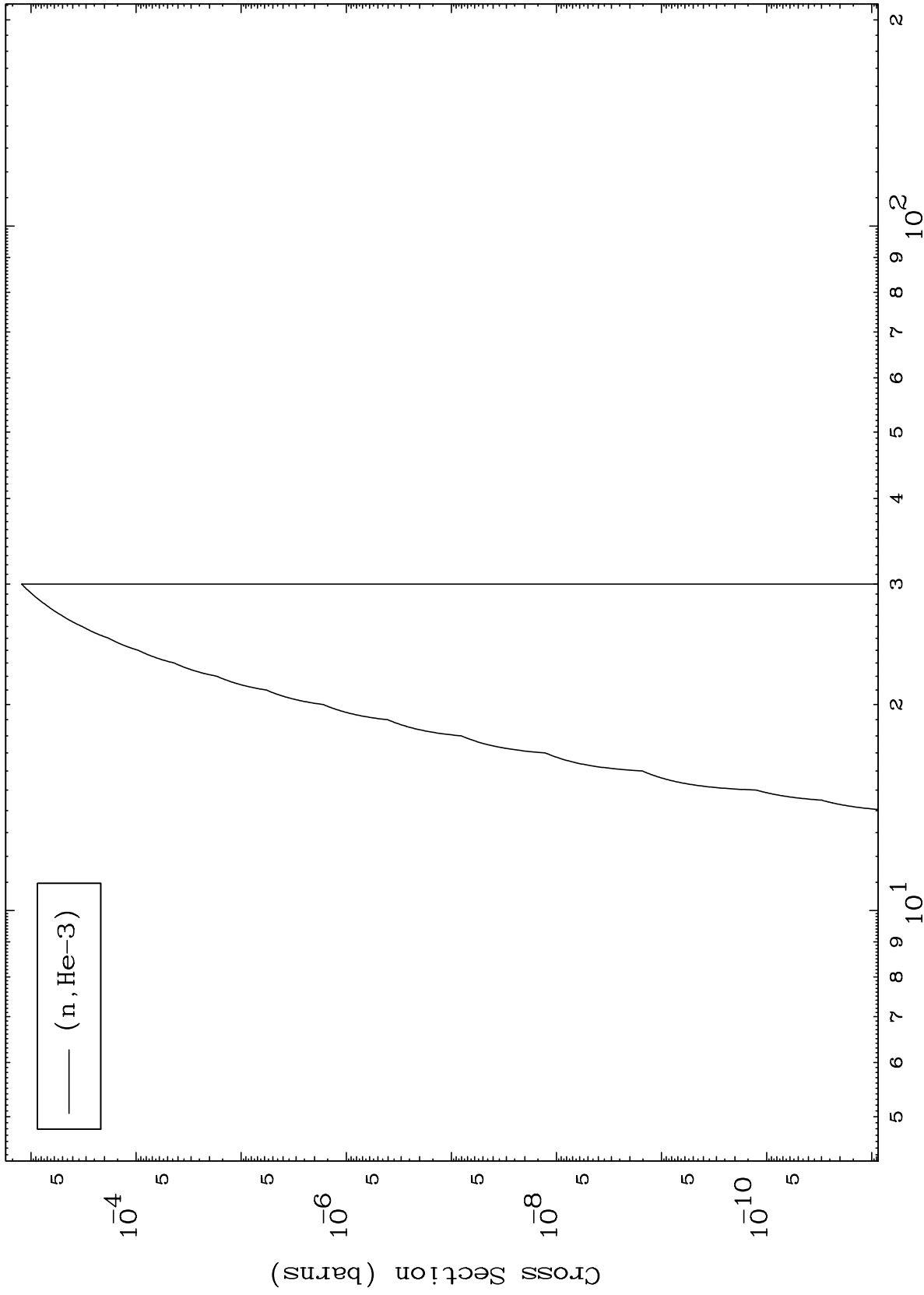
Incident Energy (MeV)

64-Gd-152

MAT 6425

(n,He3) Levels  
293 Kelvin Cross Sections

64-Gd-152



13

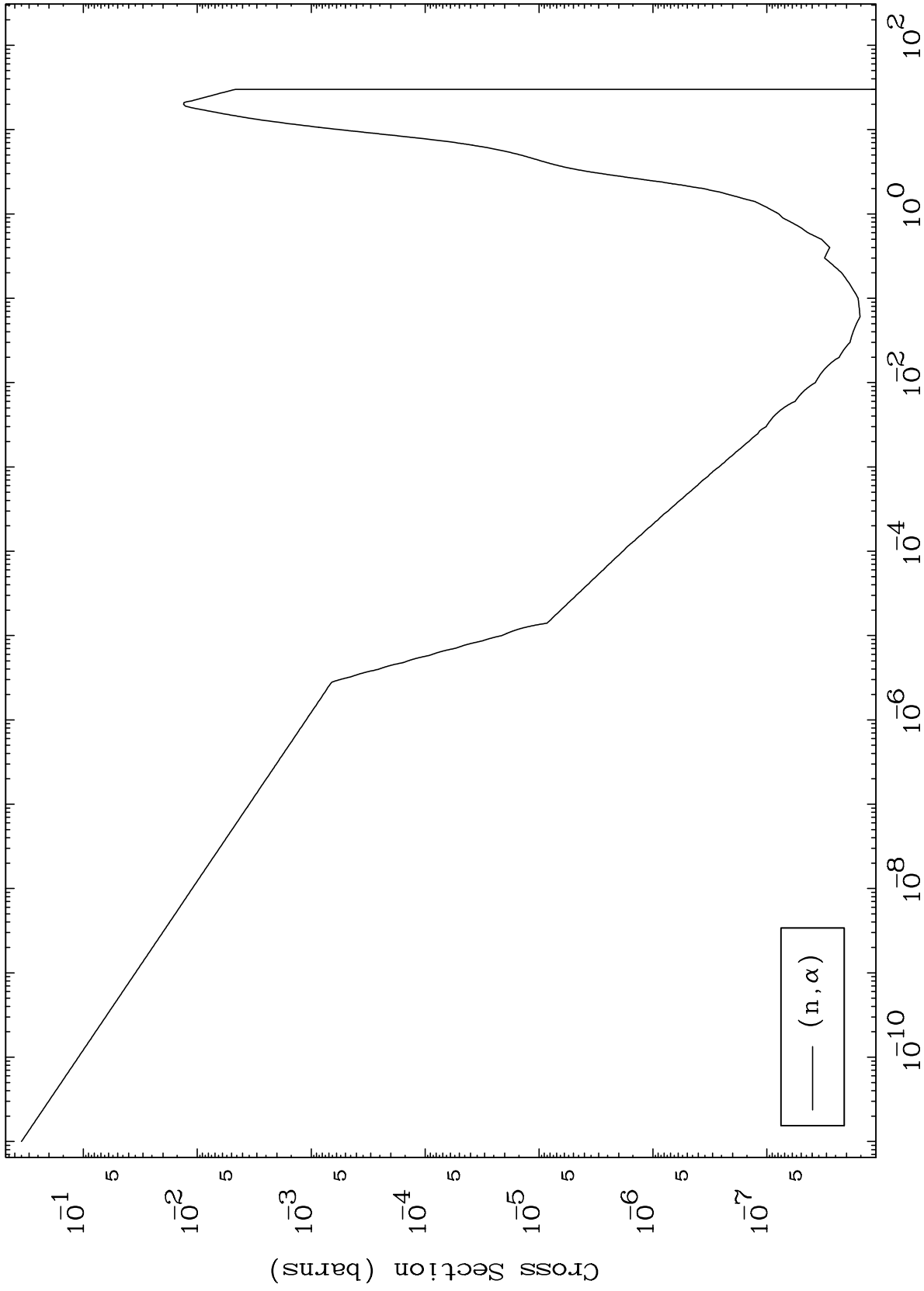
Incident Energy (MeV)

64-Gd-152

MAT 6425

(n,α) Levels  
293 Kelvin Cross Sections

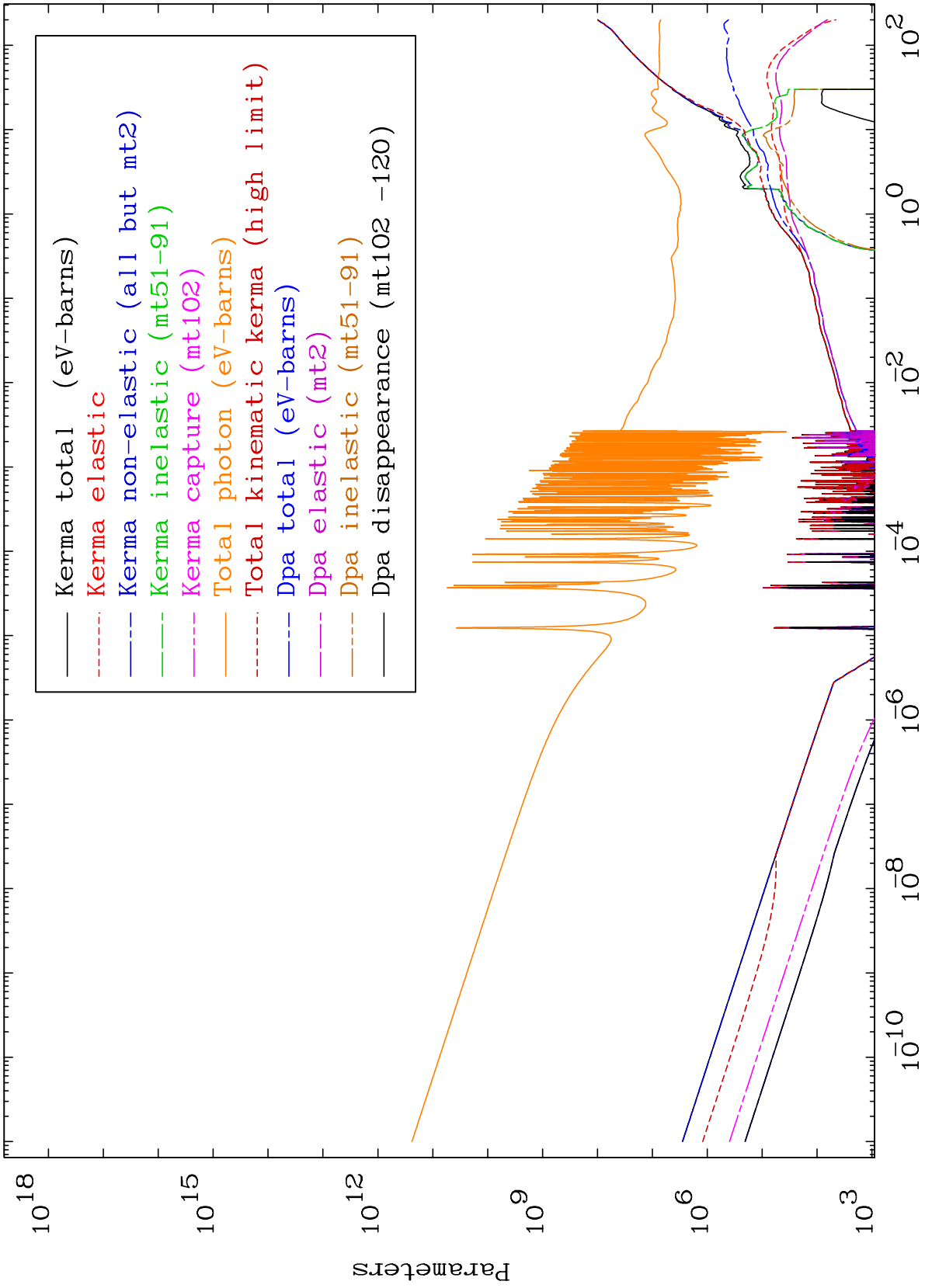
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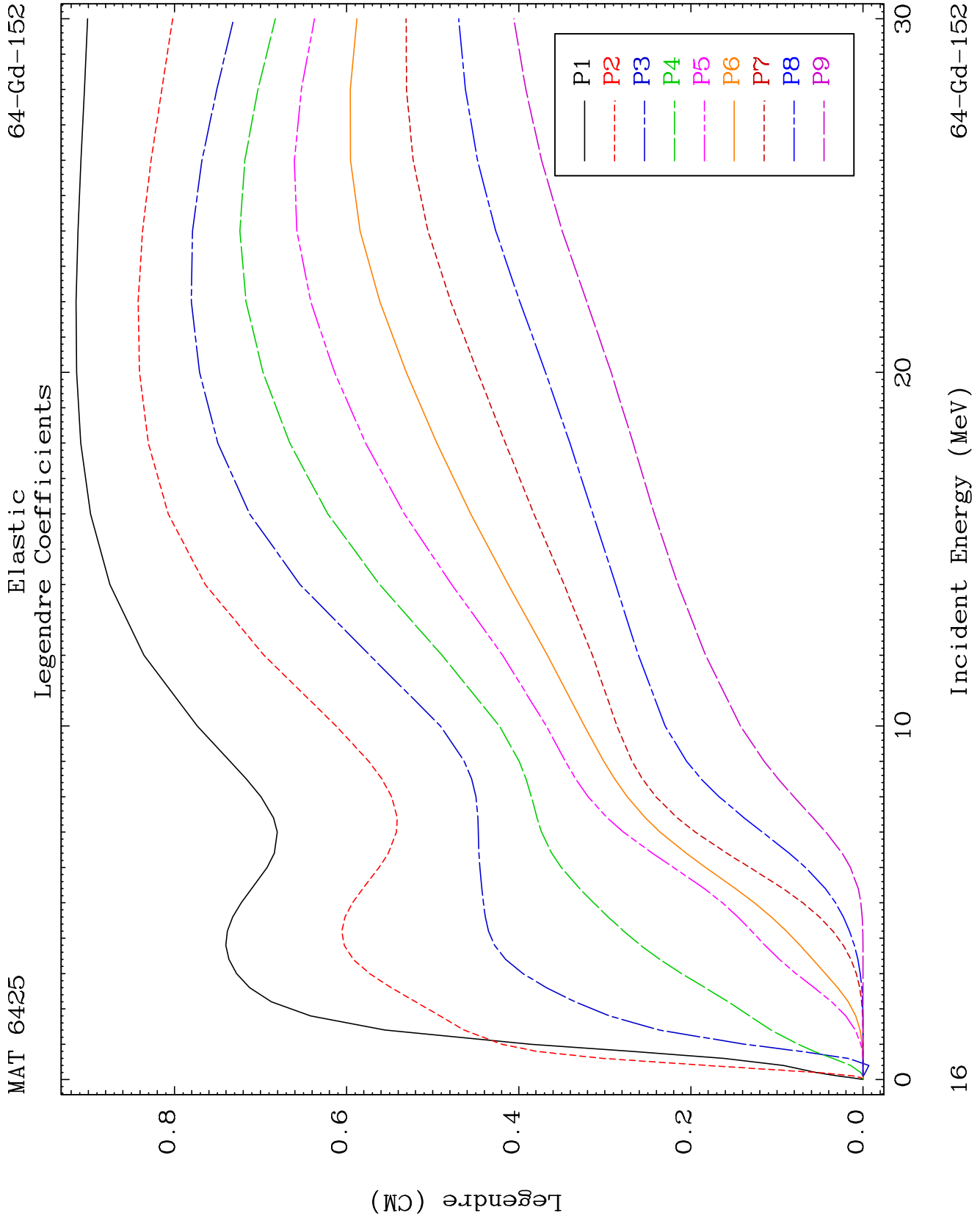
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Incident Energy (MeV)

64-Gd-152



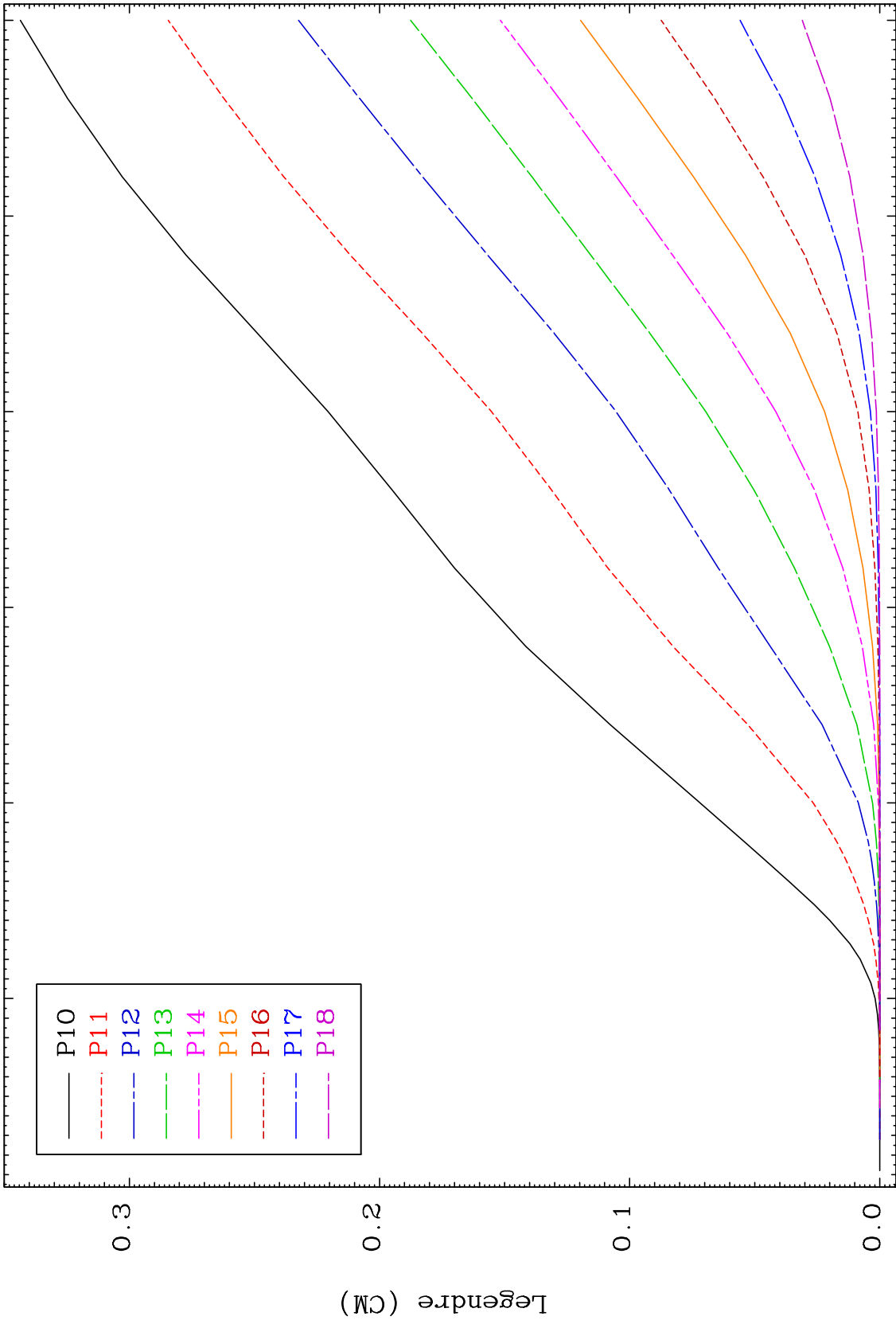




MAT 6425

Elastic Legendre Coefficients

64-Gd-152



17

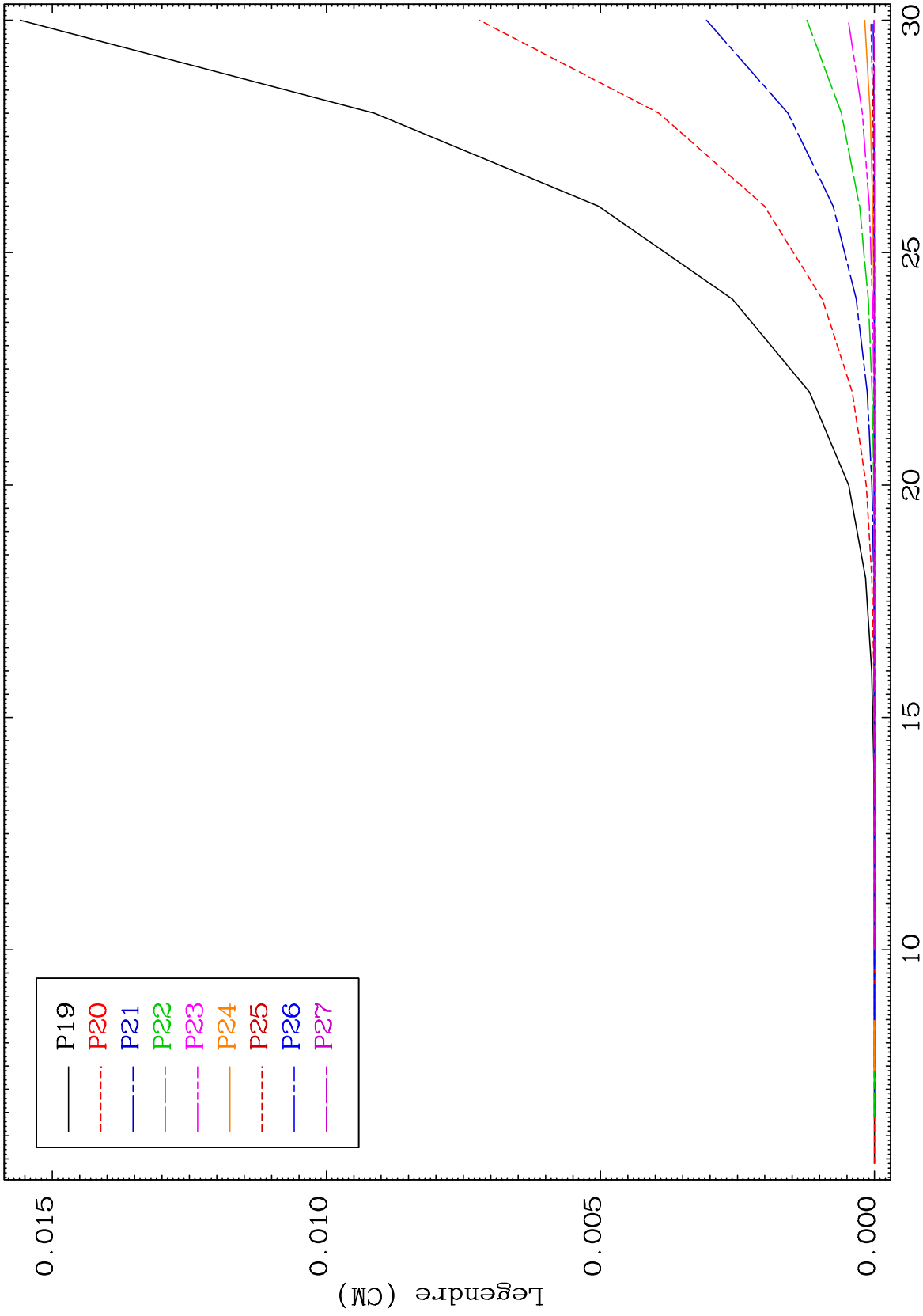
Incident Energy (MeV)

64-Gd-152

MAT 6425

### Elastic Legendre Coefficients

64-Gd-152



18

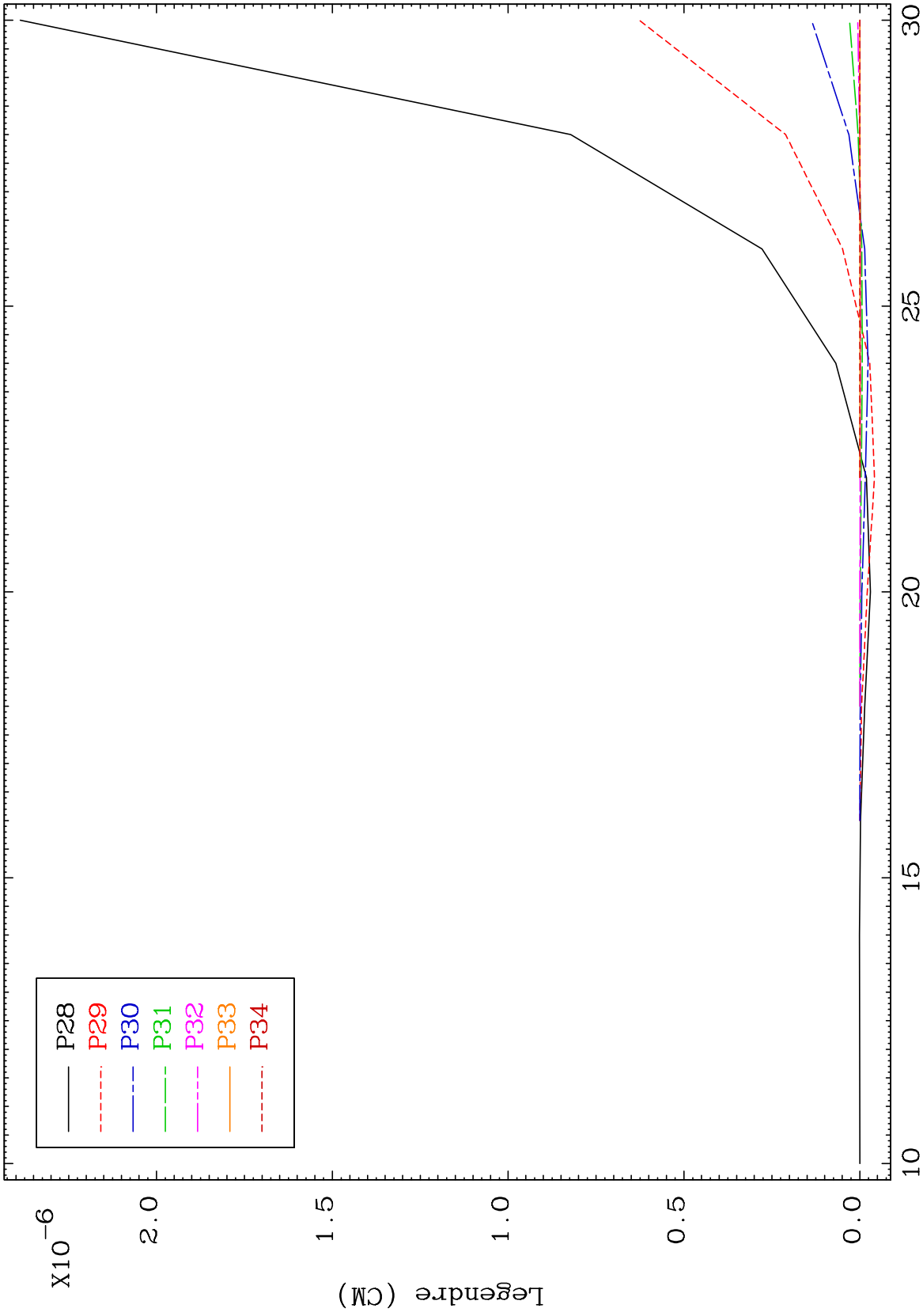
Incident Energy (MeV)

64-Gd-152

MAT 6425

Elastic Legendre Coefficients

64-Gd-152



19

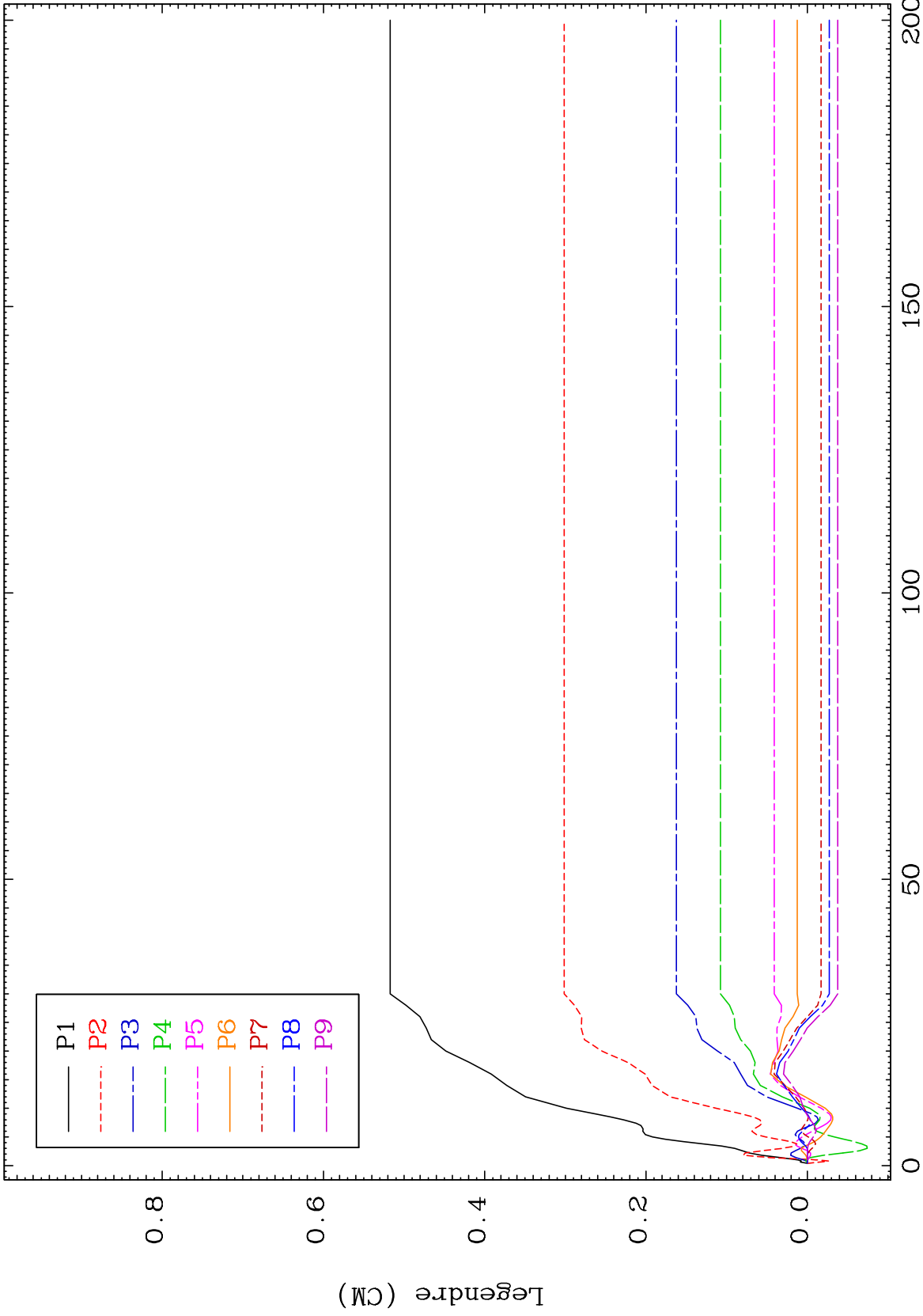
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

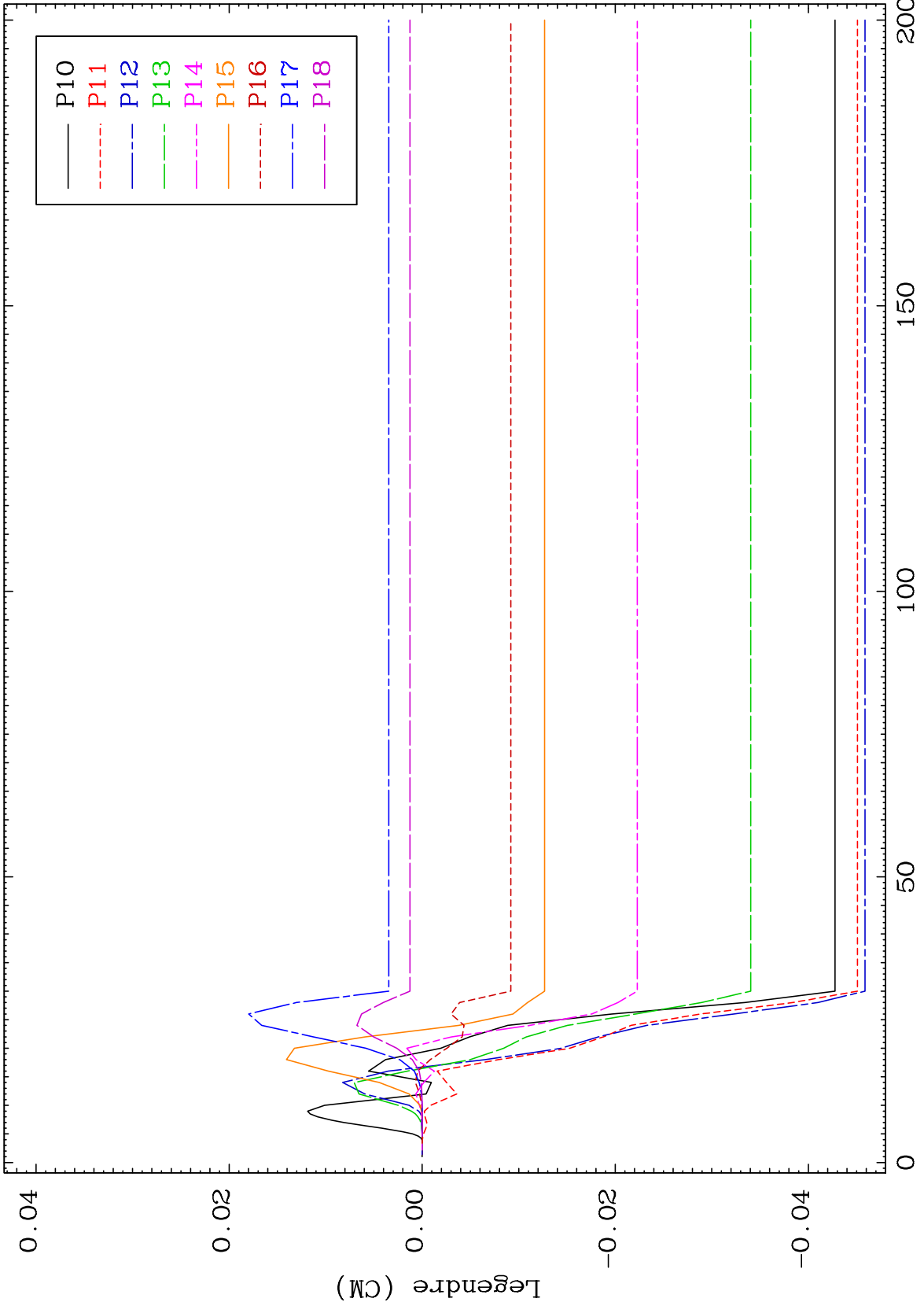
Incident Energy (MeV)

20

MAT 6425

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

64-Gd-152



21

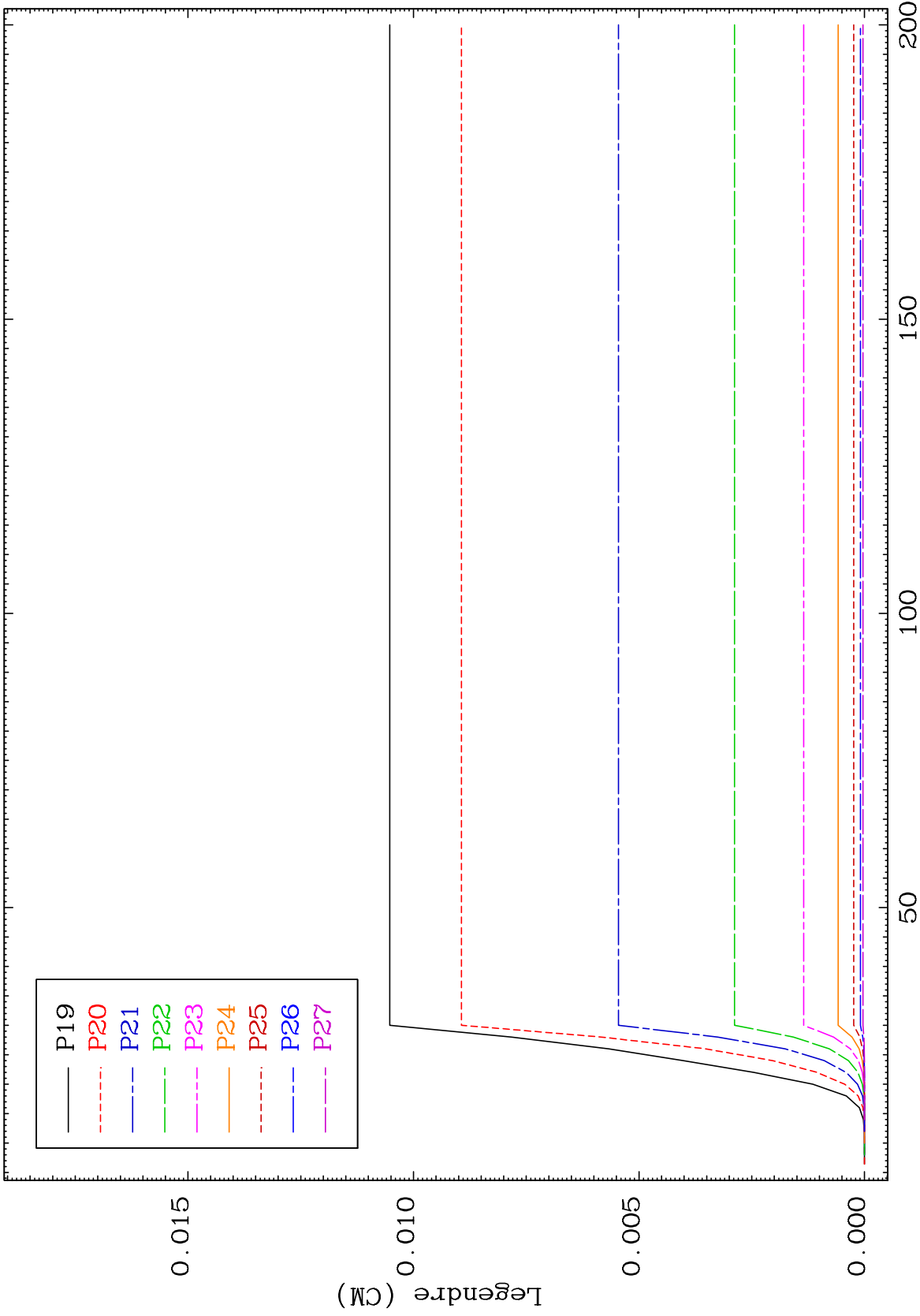
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



22

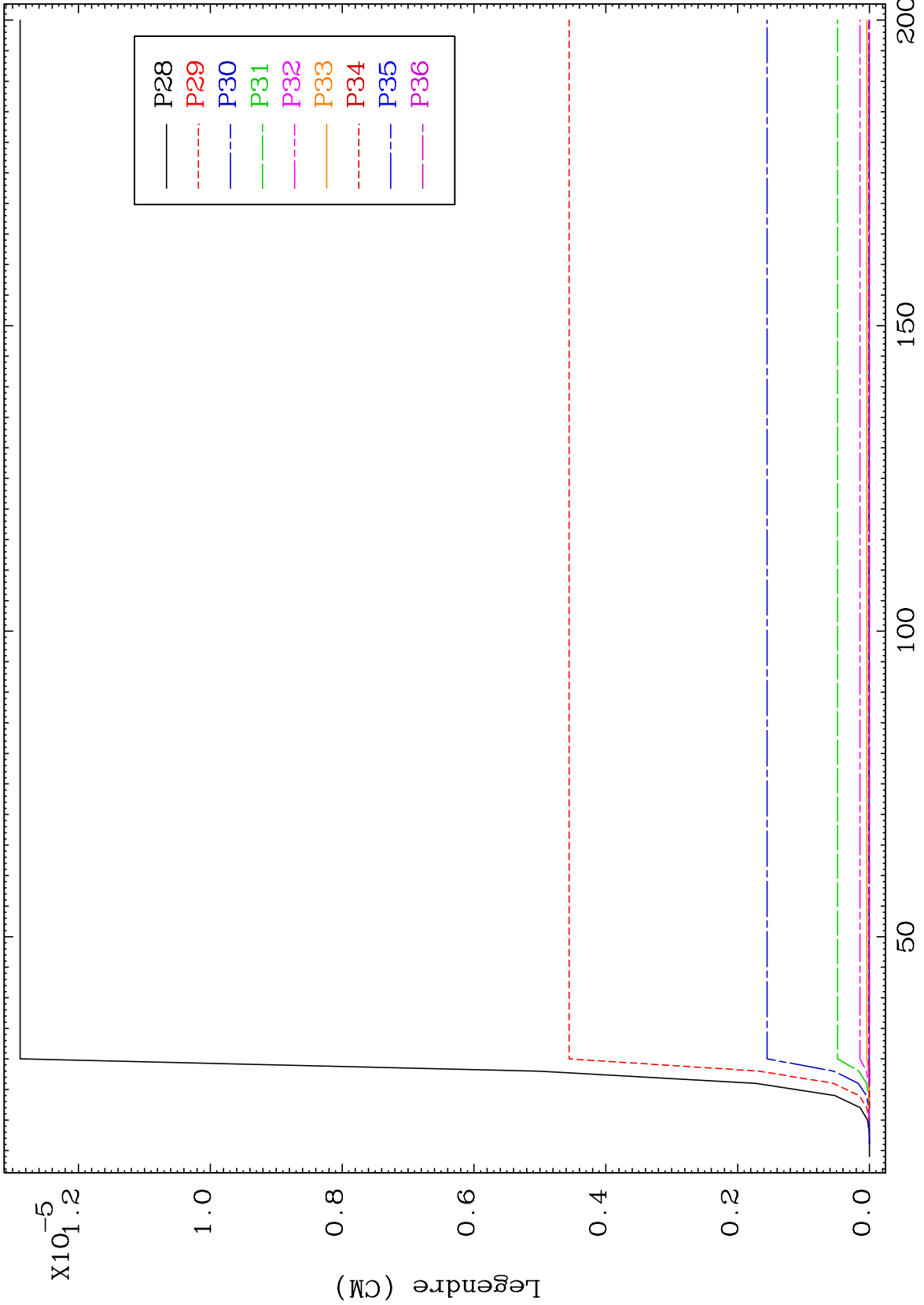
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



23

Incident Energy (MeV)

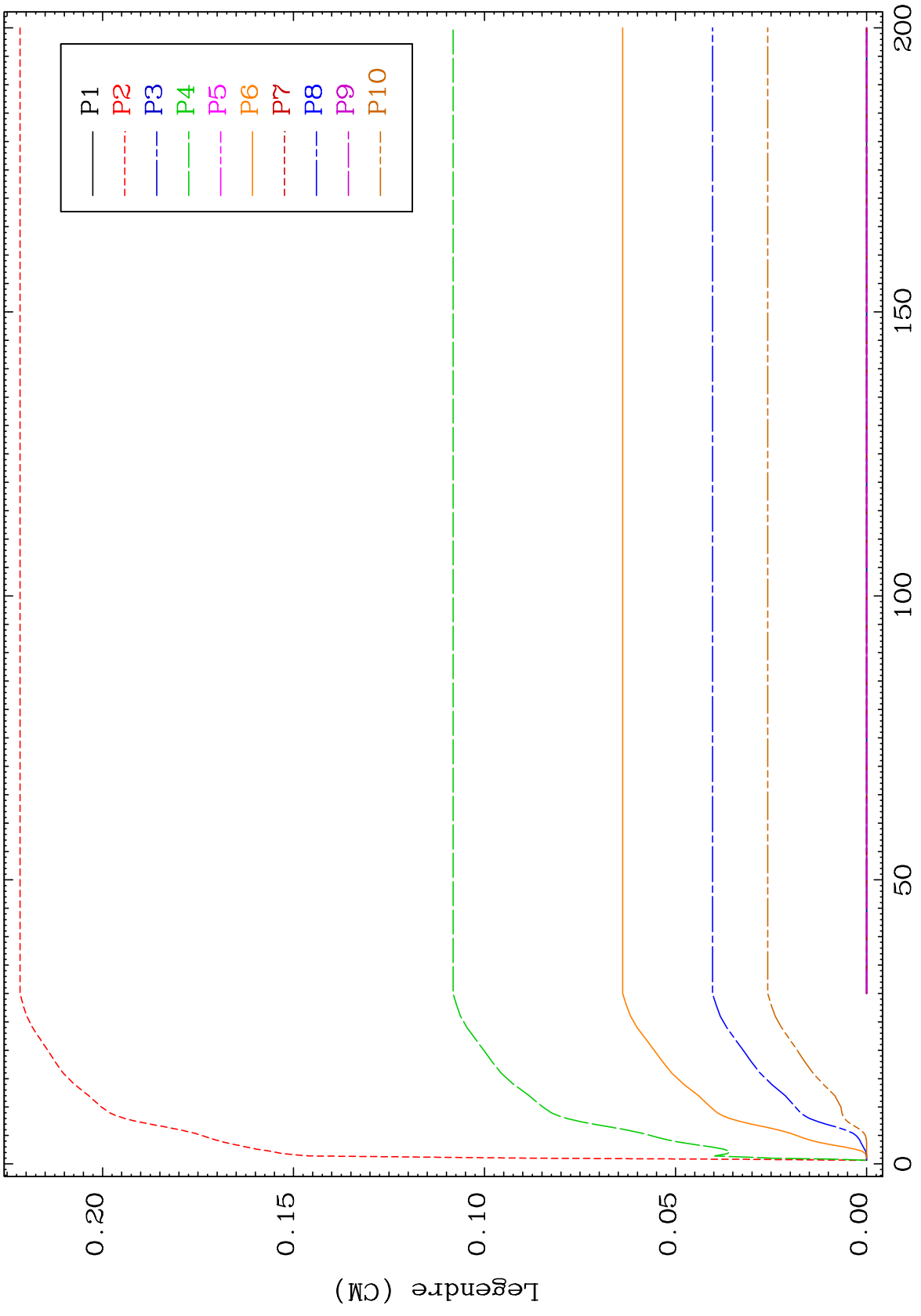
64-Gd-152



MAT 6425

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

64-Gd-152



24

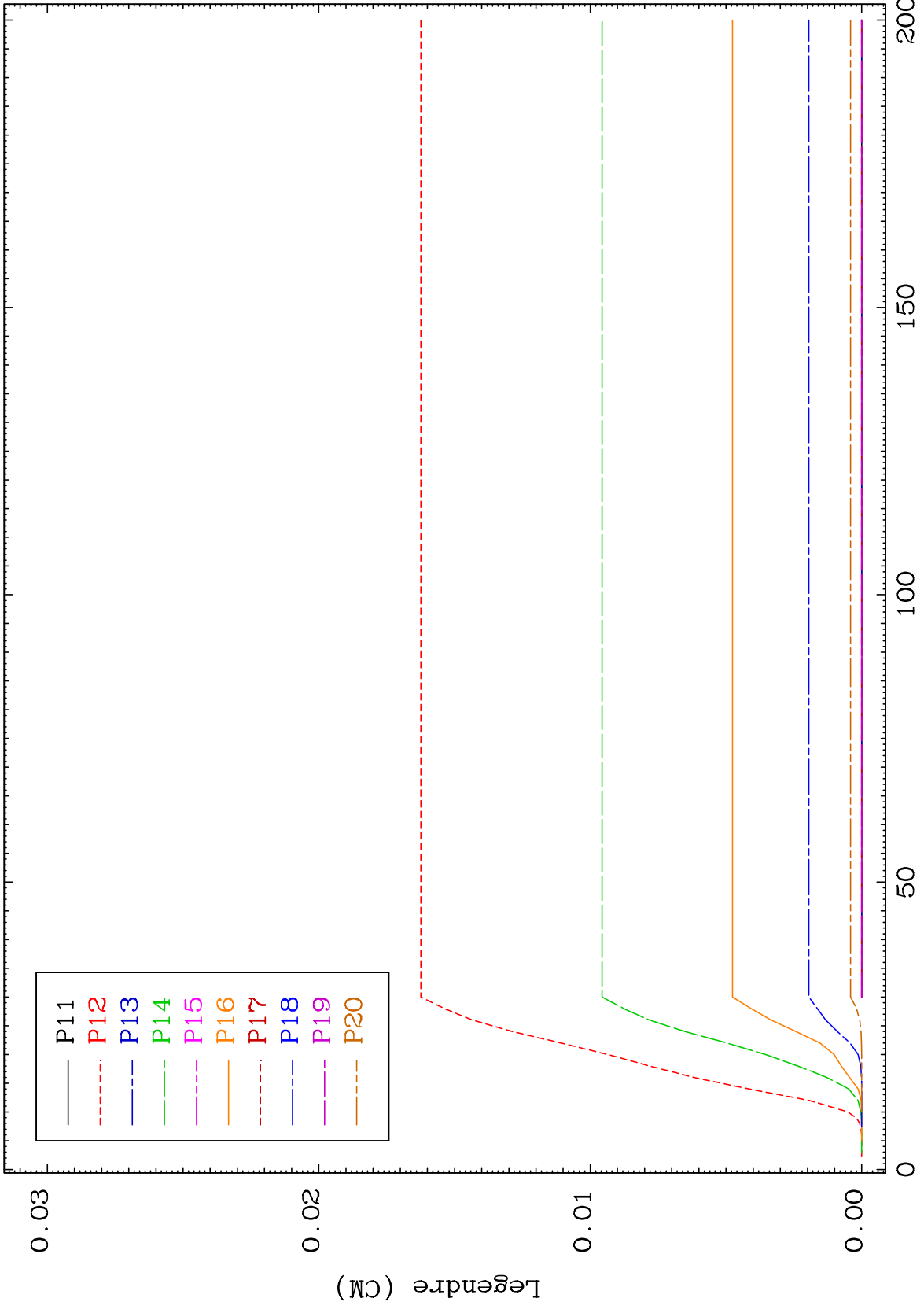
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

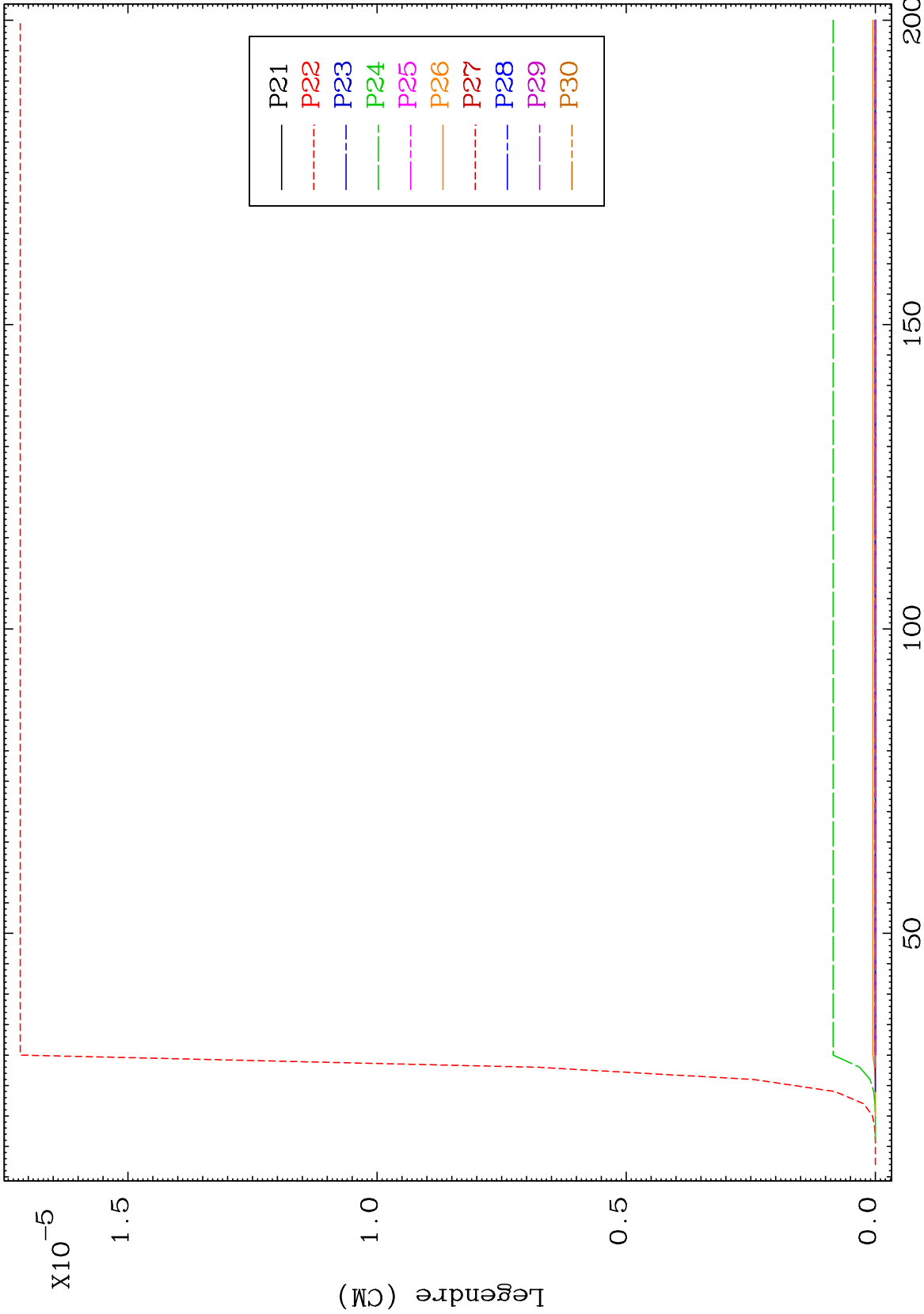
Incident Energy (MeV)

25

MAT 6425

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

64-Gd-152



26

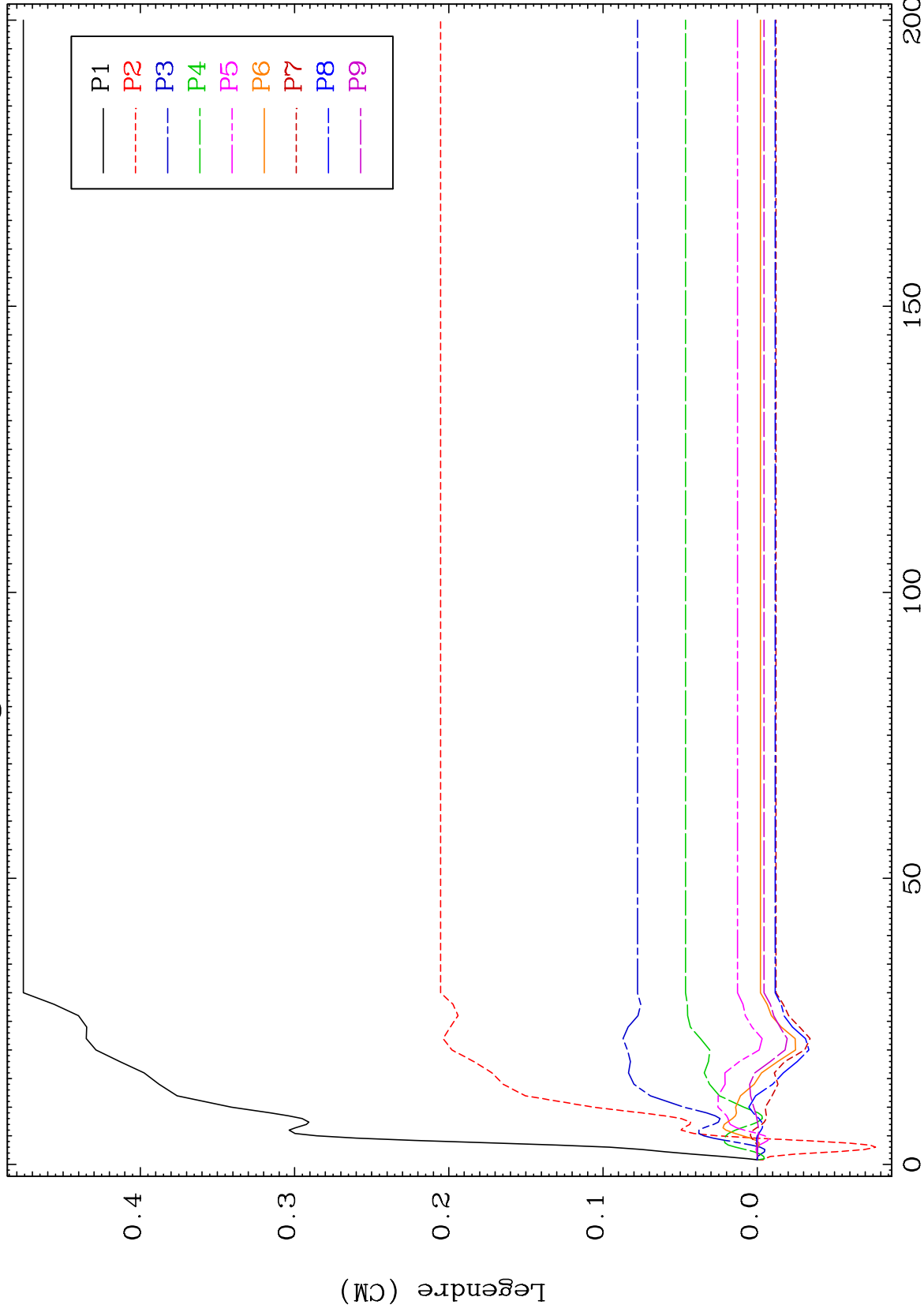
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



27

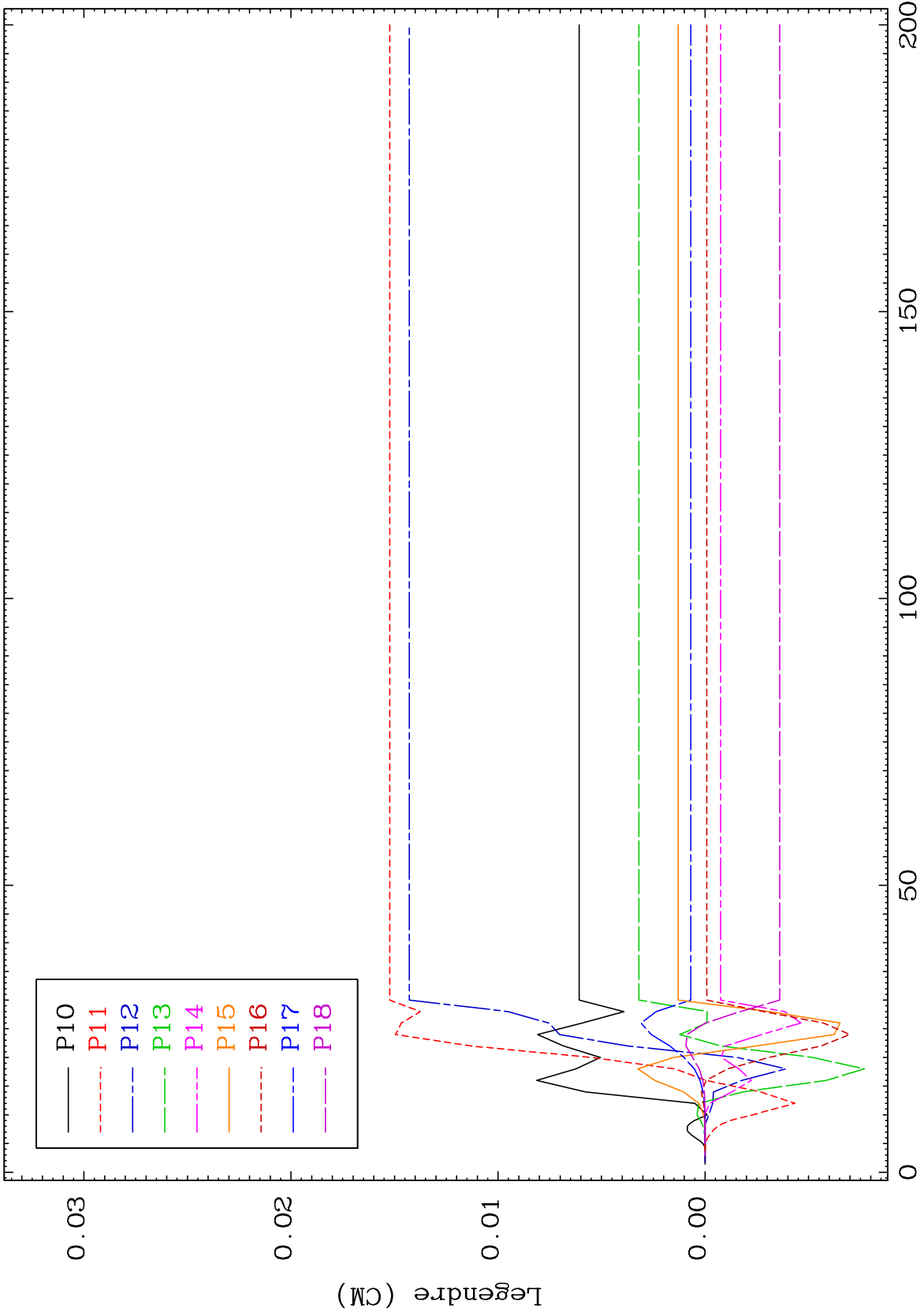
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



28

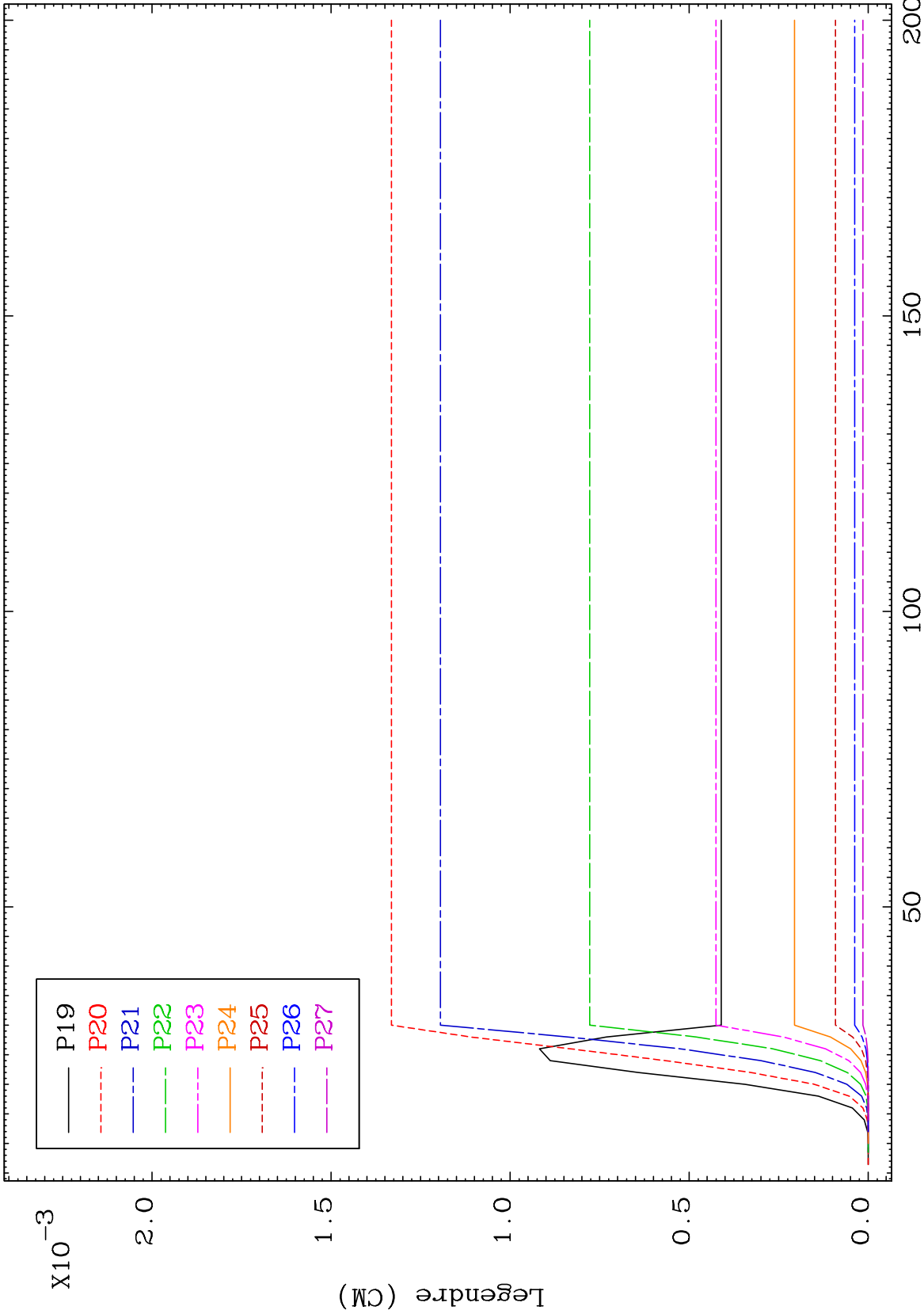
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



29

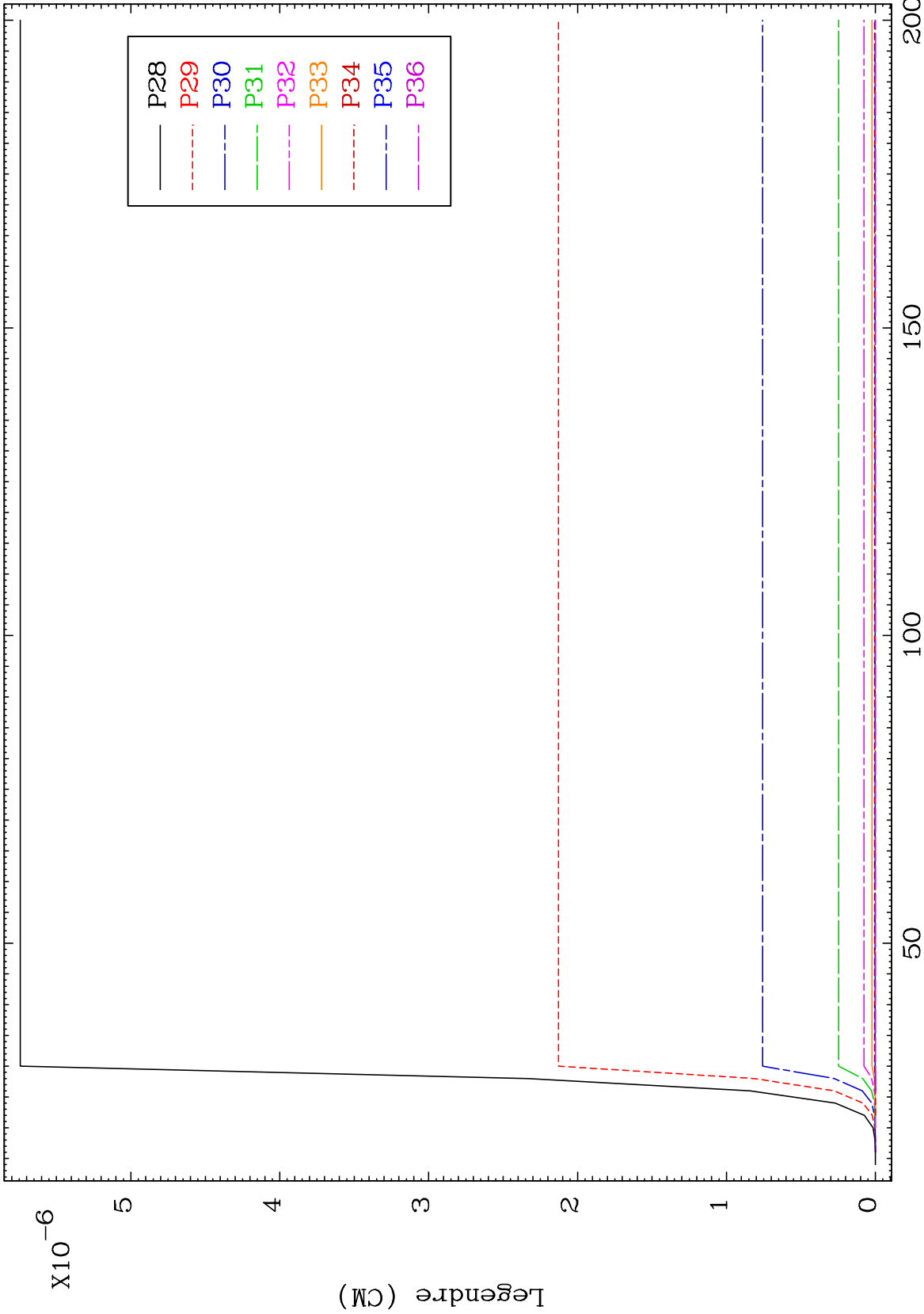
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



30

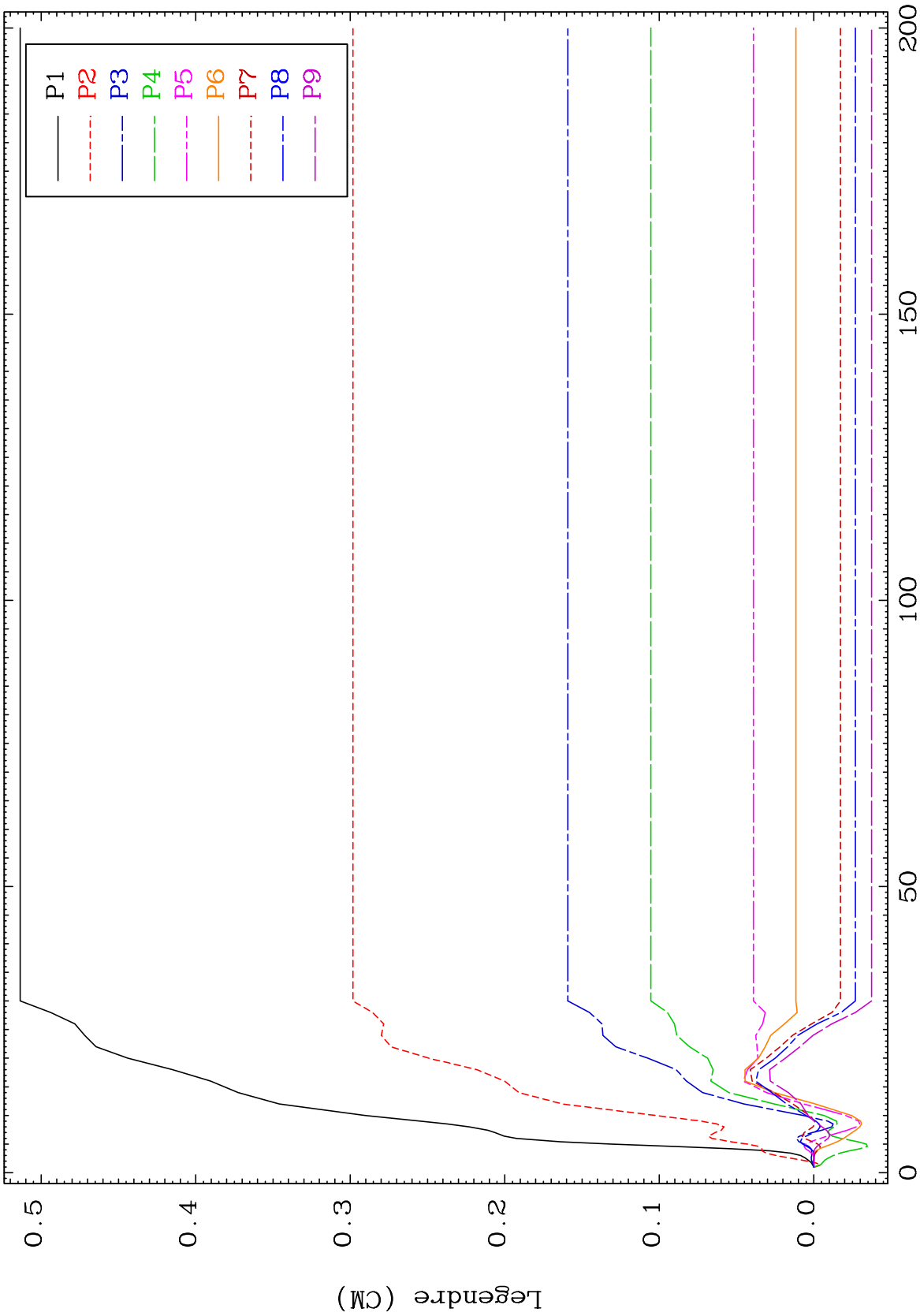
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



31

Incident Energy (MeV)

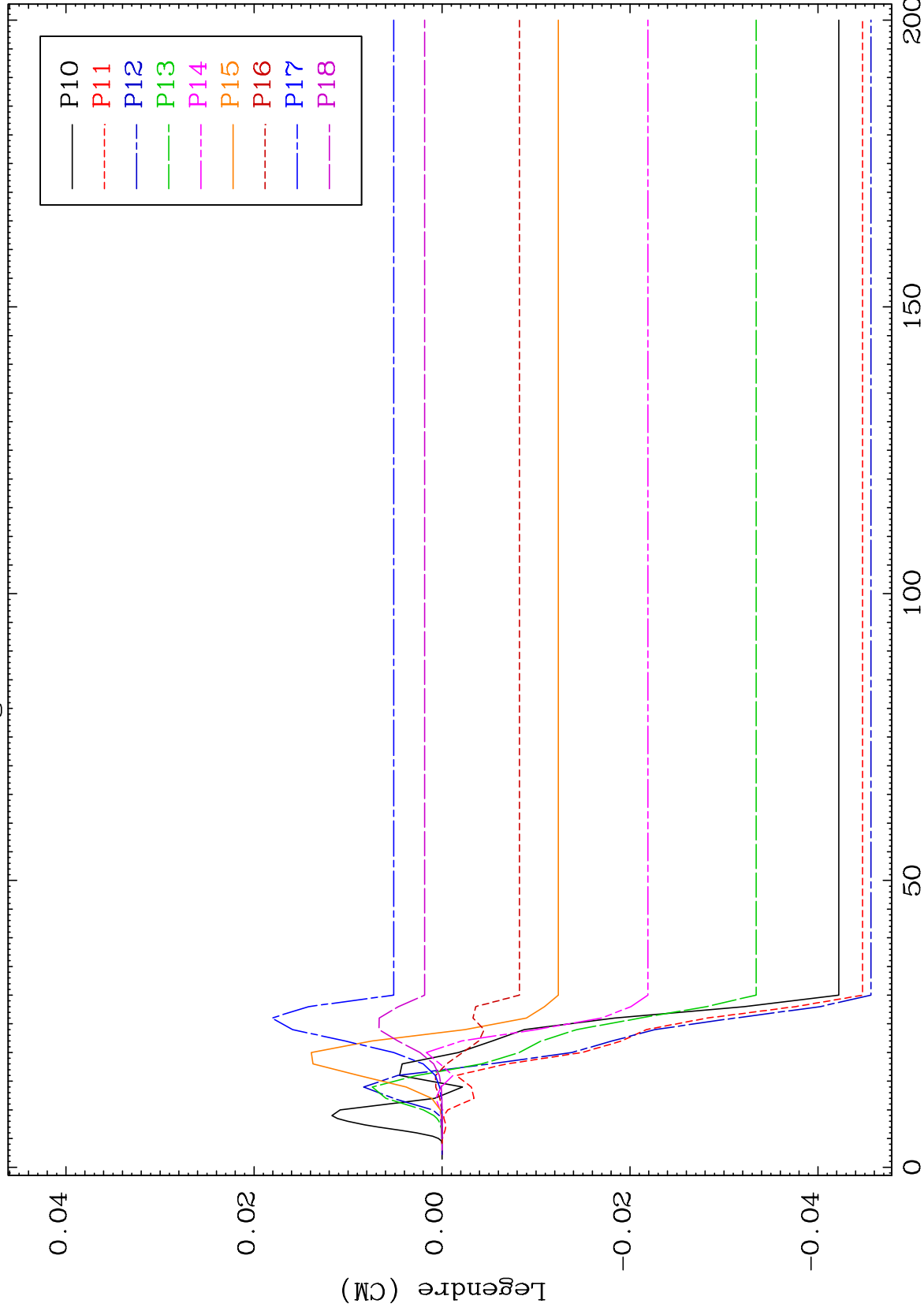
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MAT 6425

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

64-Gd-152



32

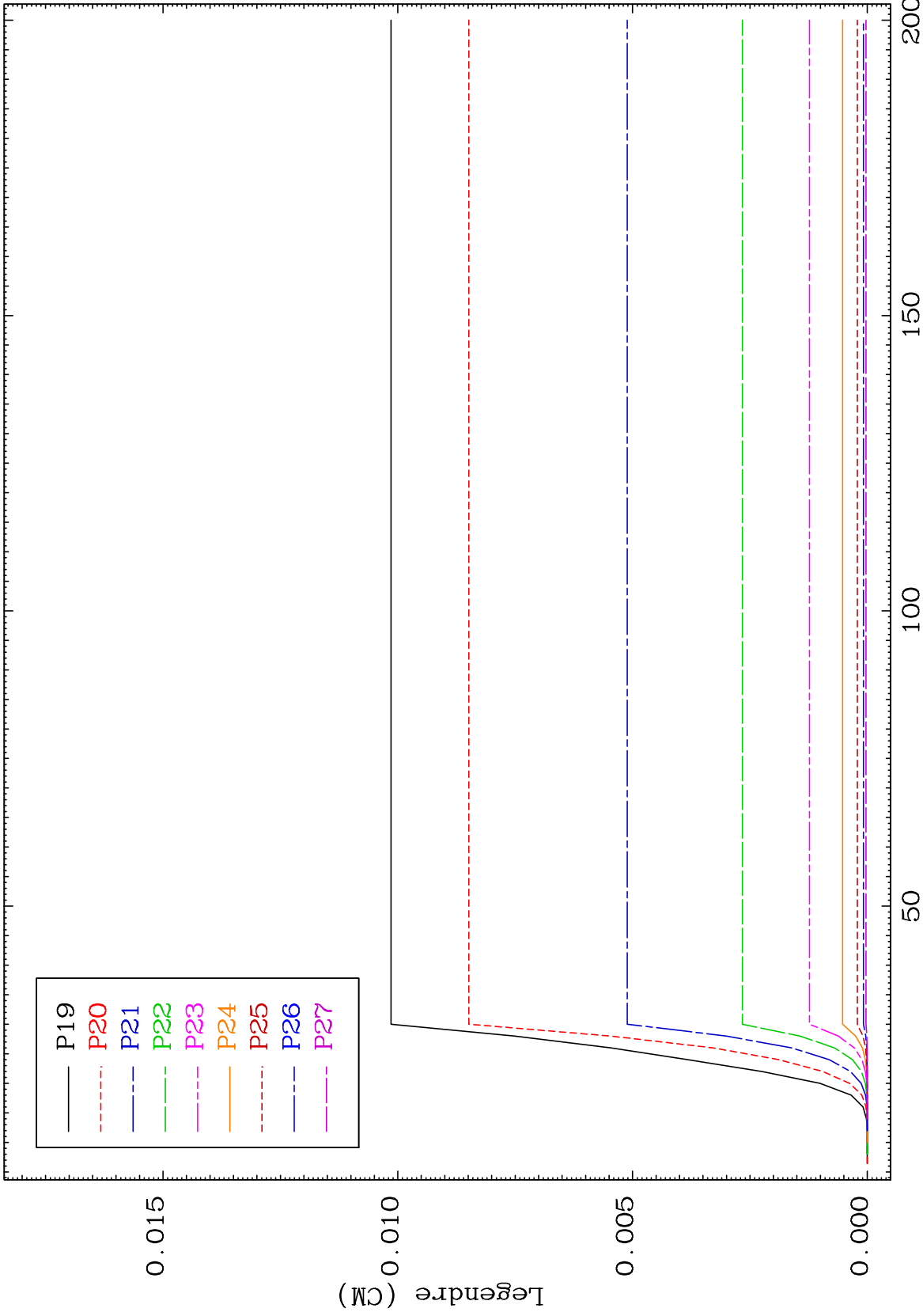
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



33

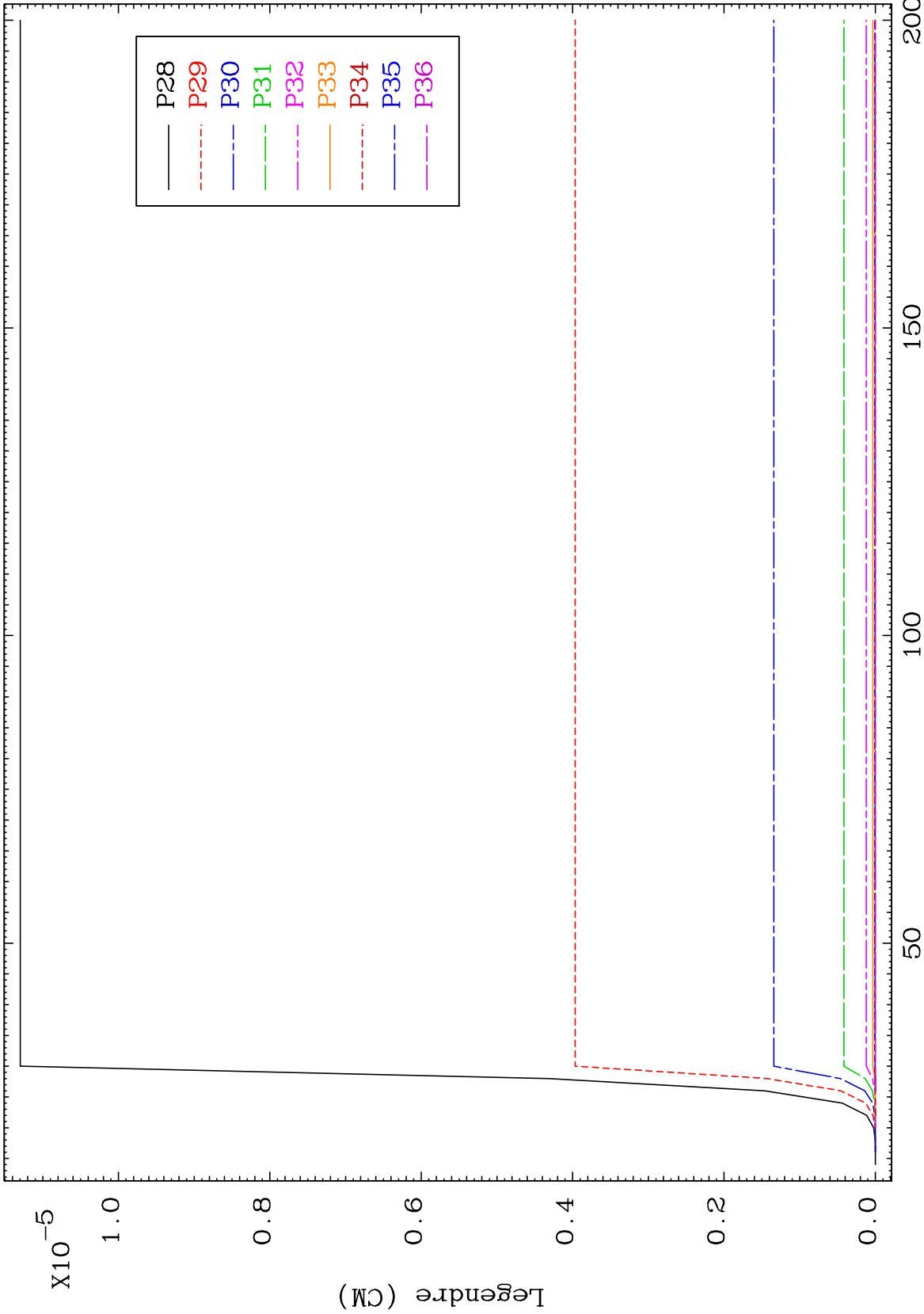
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152

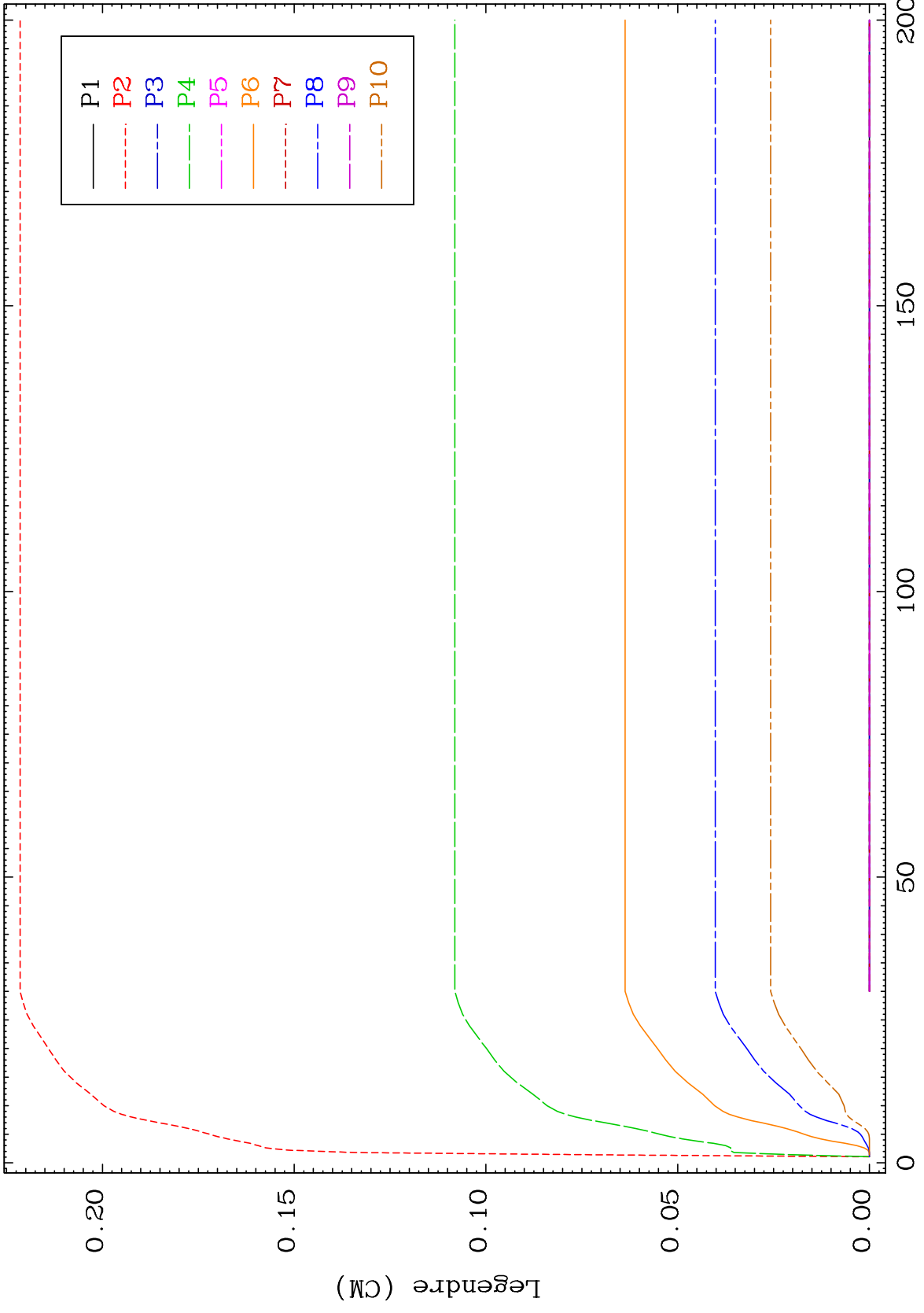


34

Incident Energy (MeV)

64-Gd-152

MAT 6425 MT= 55 (n,n') Level Legendre Coefficients 64-Gd-152

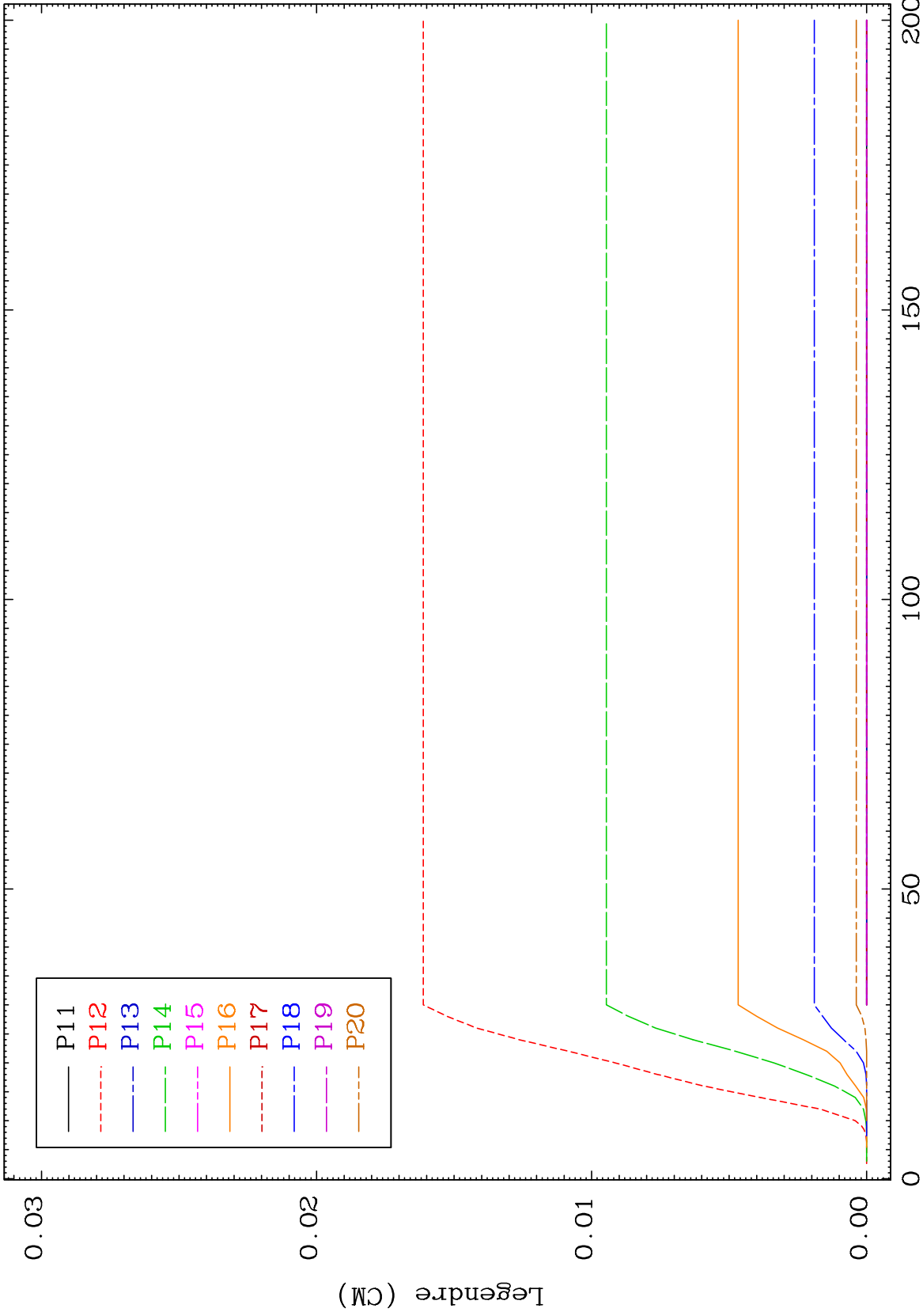


64-Gd-152 Incident Energy (MeV)

MAT 6425

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

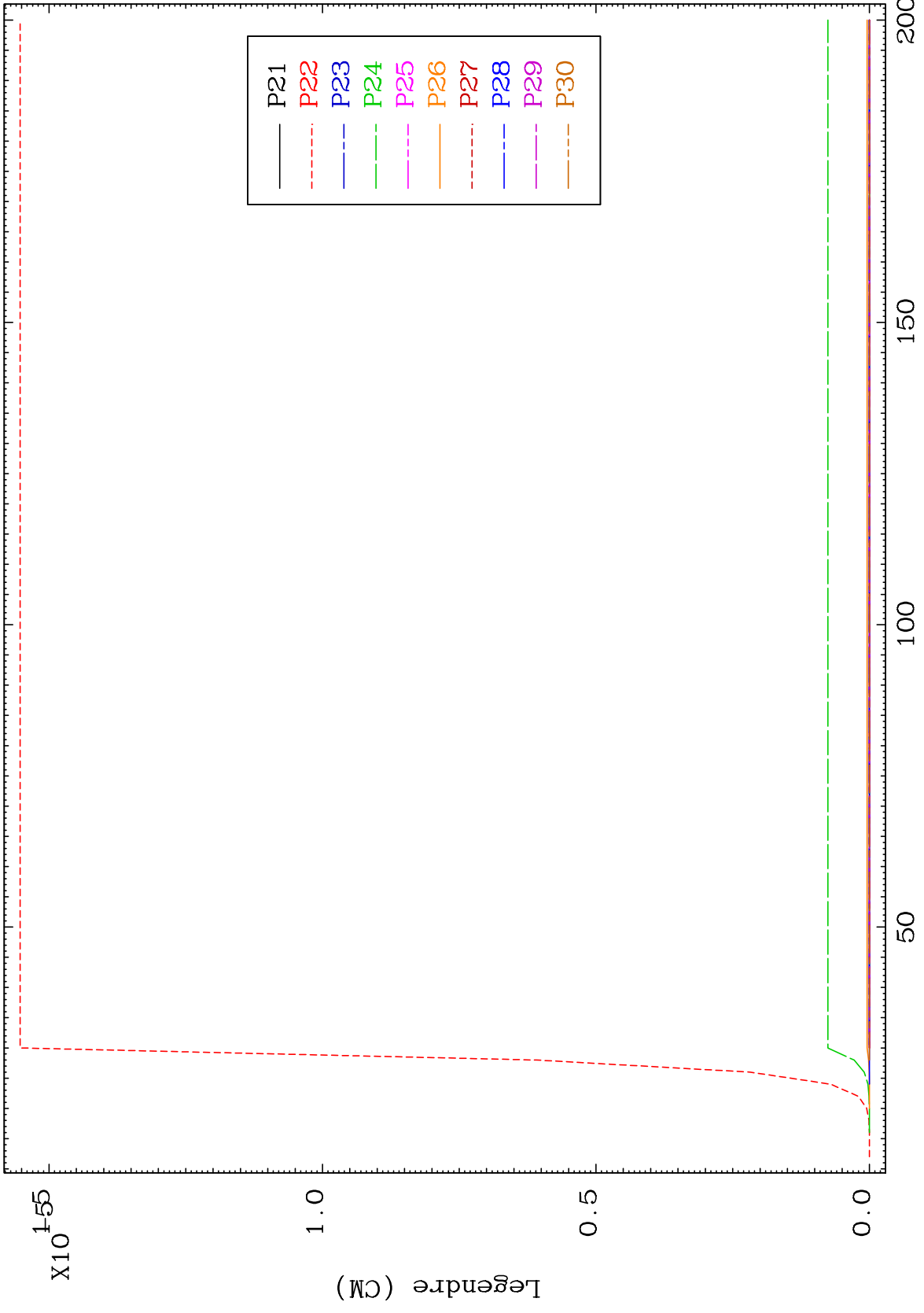
64-Gd-152



36

64-Gd-152

MAT 6425 MT= 55 (n,n') Level Legendre Coefficients 64-Gd-152

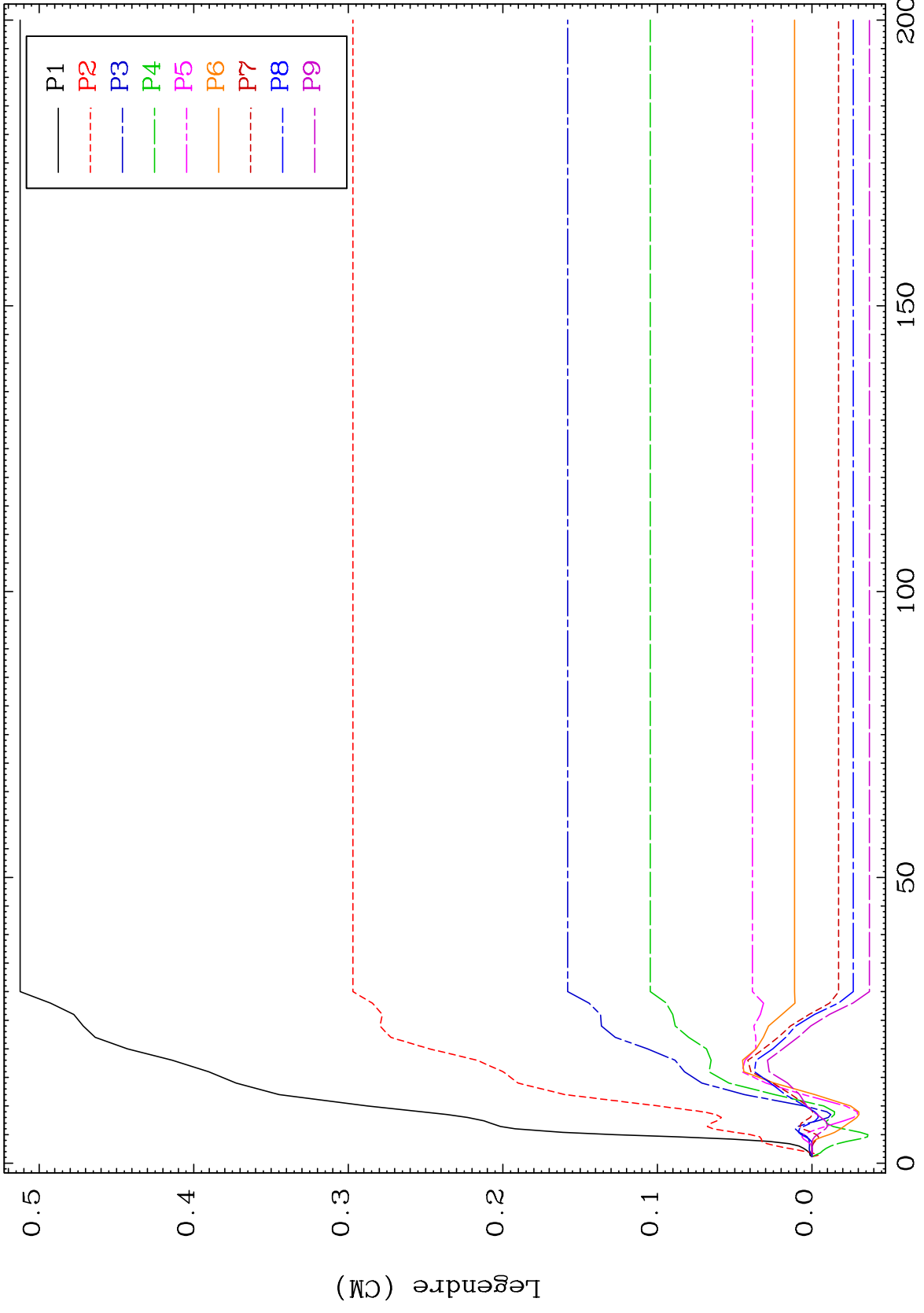


37 Incident Energy (MeV) 64-Gd-152

MAT 6425

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

64-Gd-152



38

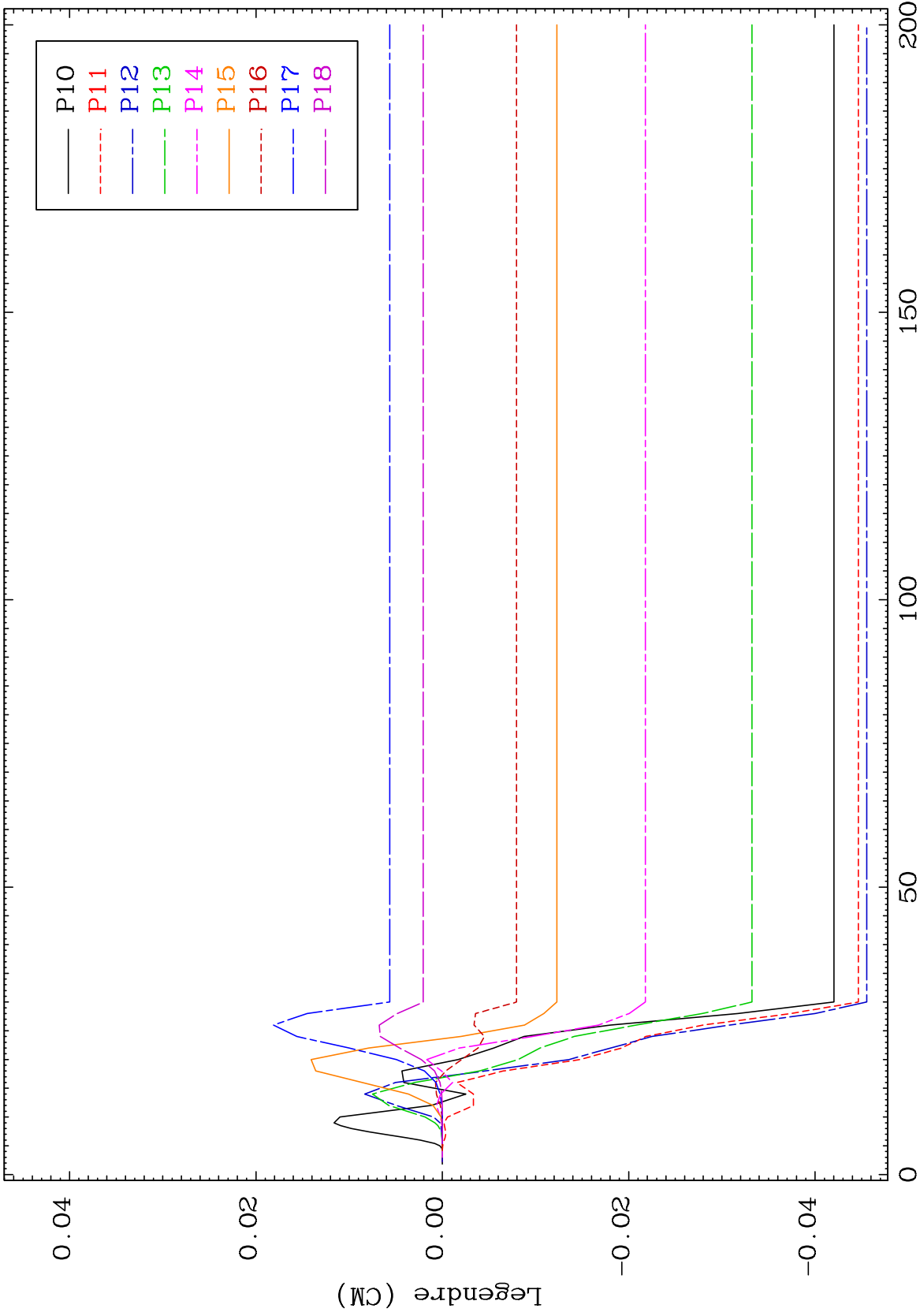
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



39

Incident Energy (MeV)

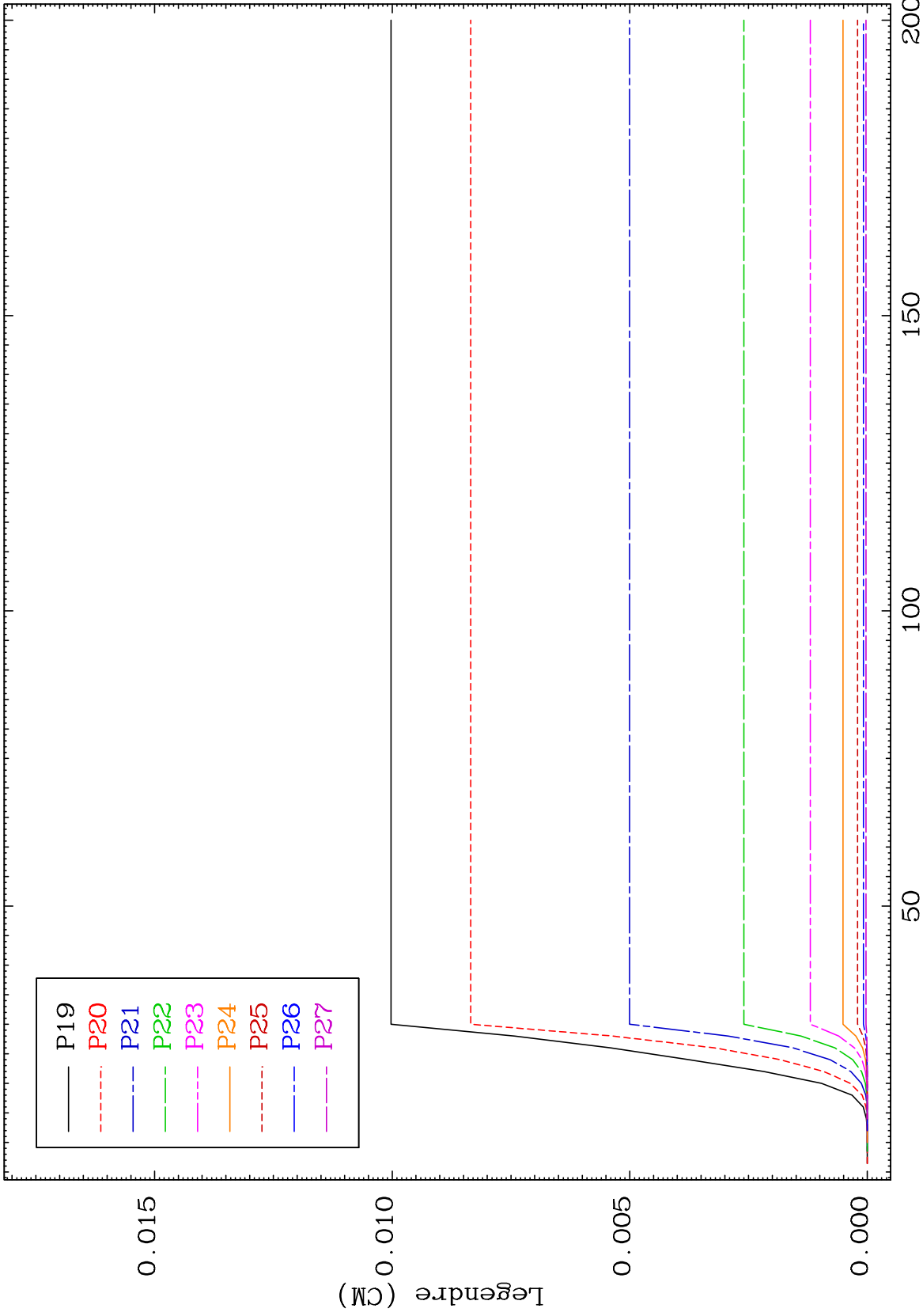
64-Gd-152



MAT 6425

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

64-Gd-152



40

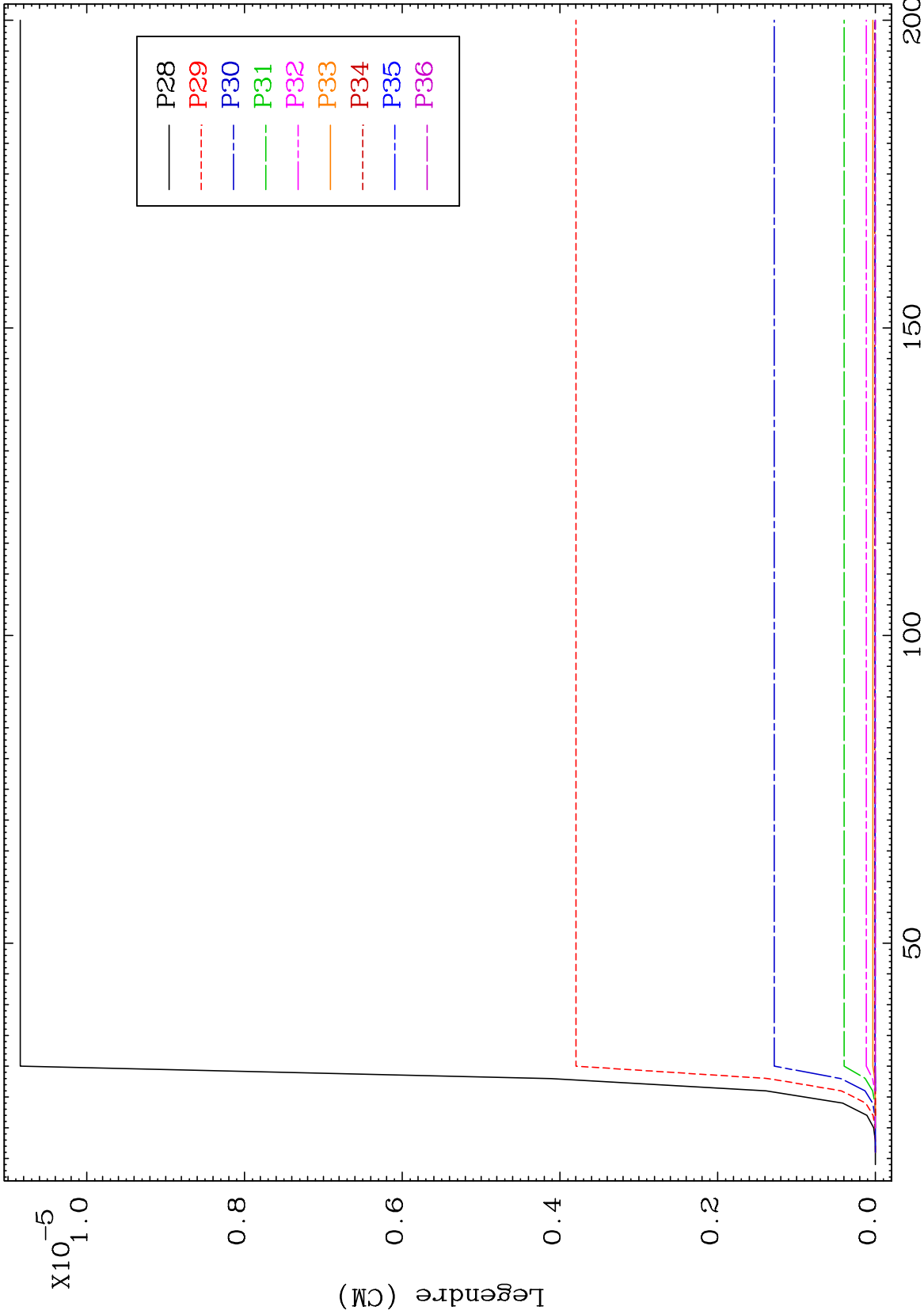
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



41

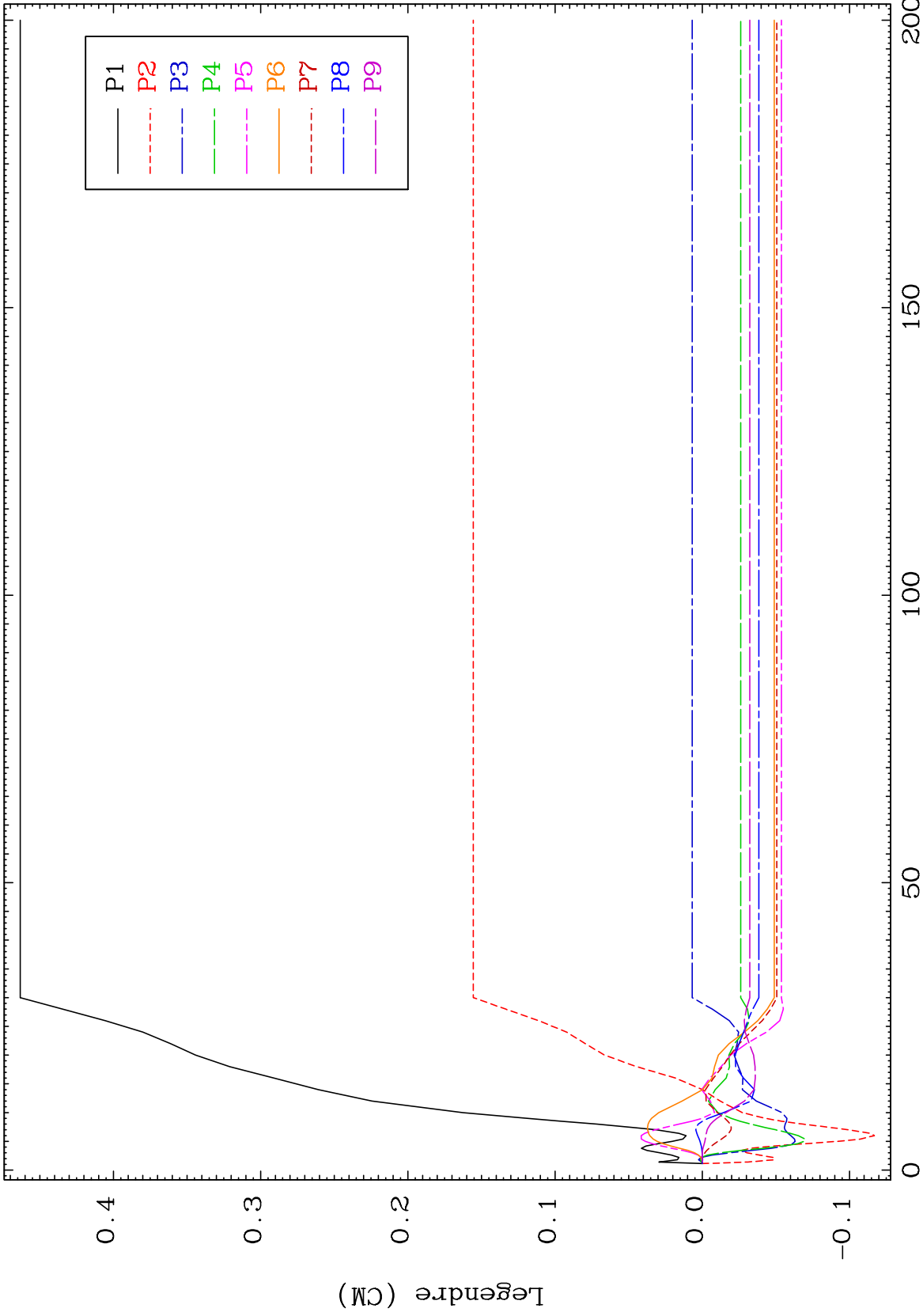
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



42

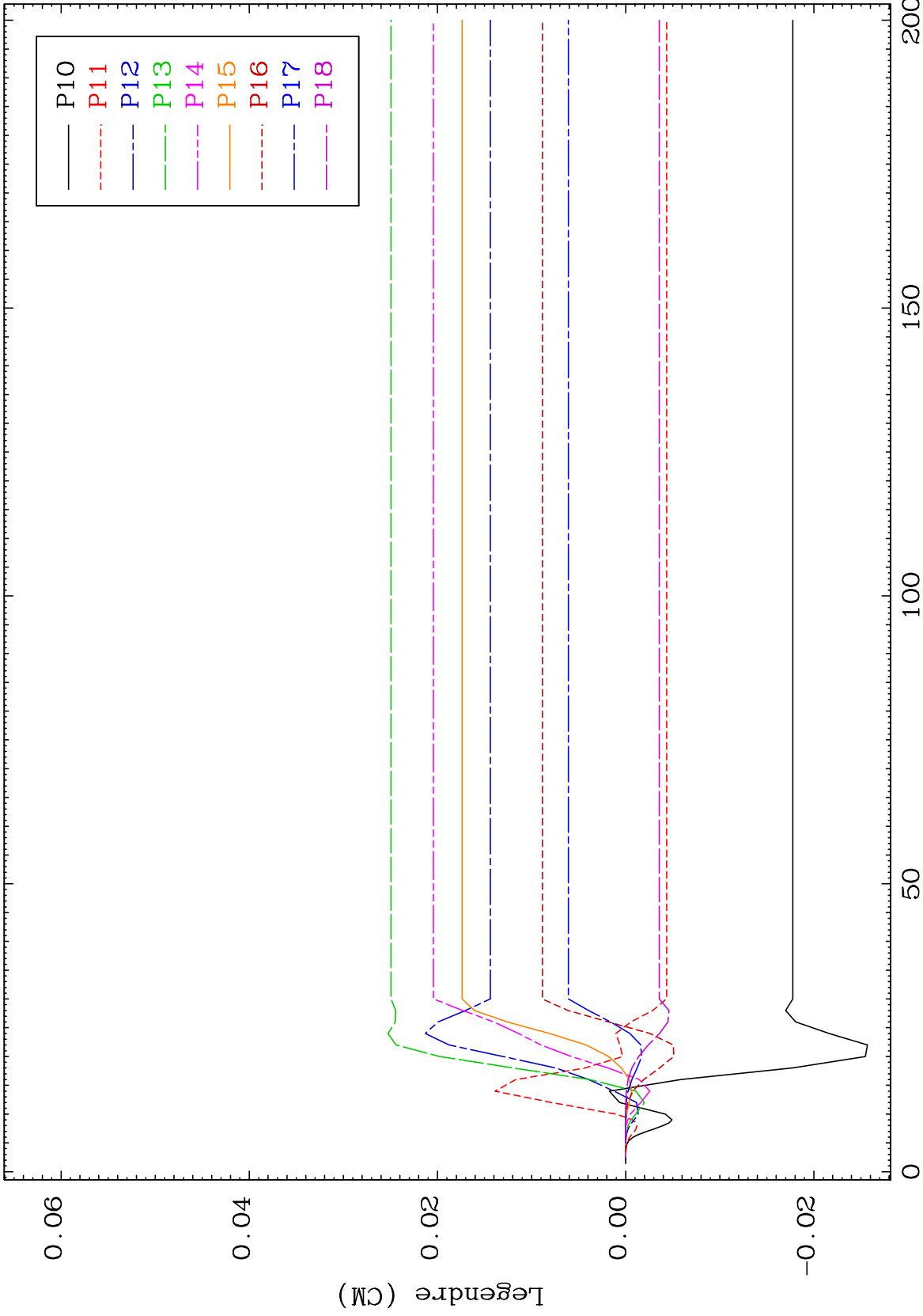
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



43

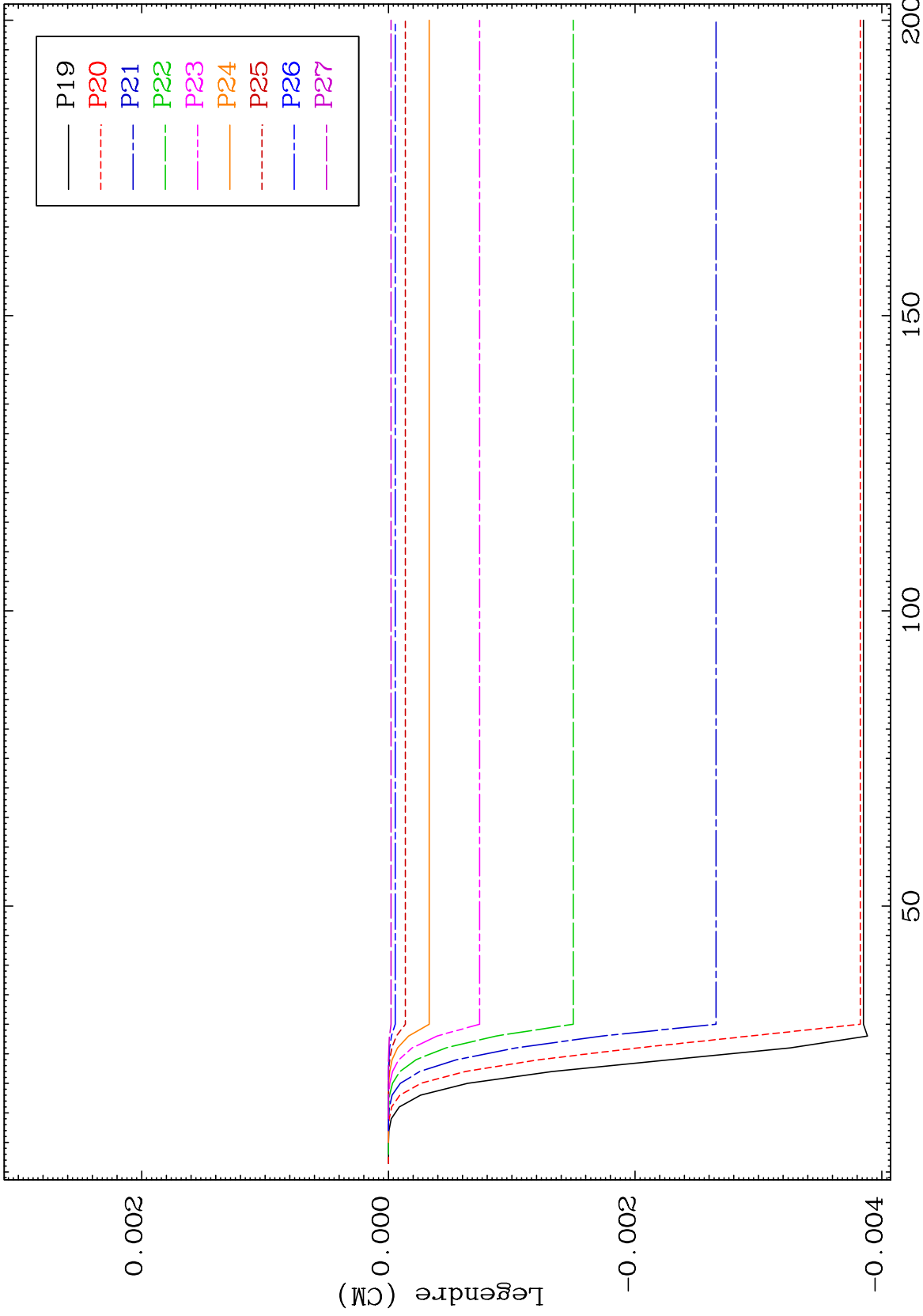
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



44

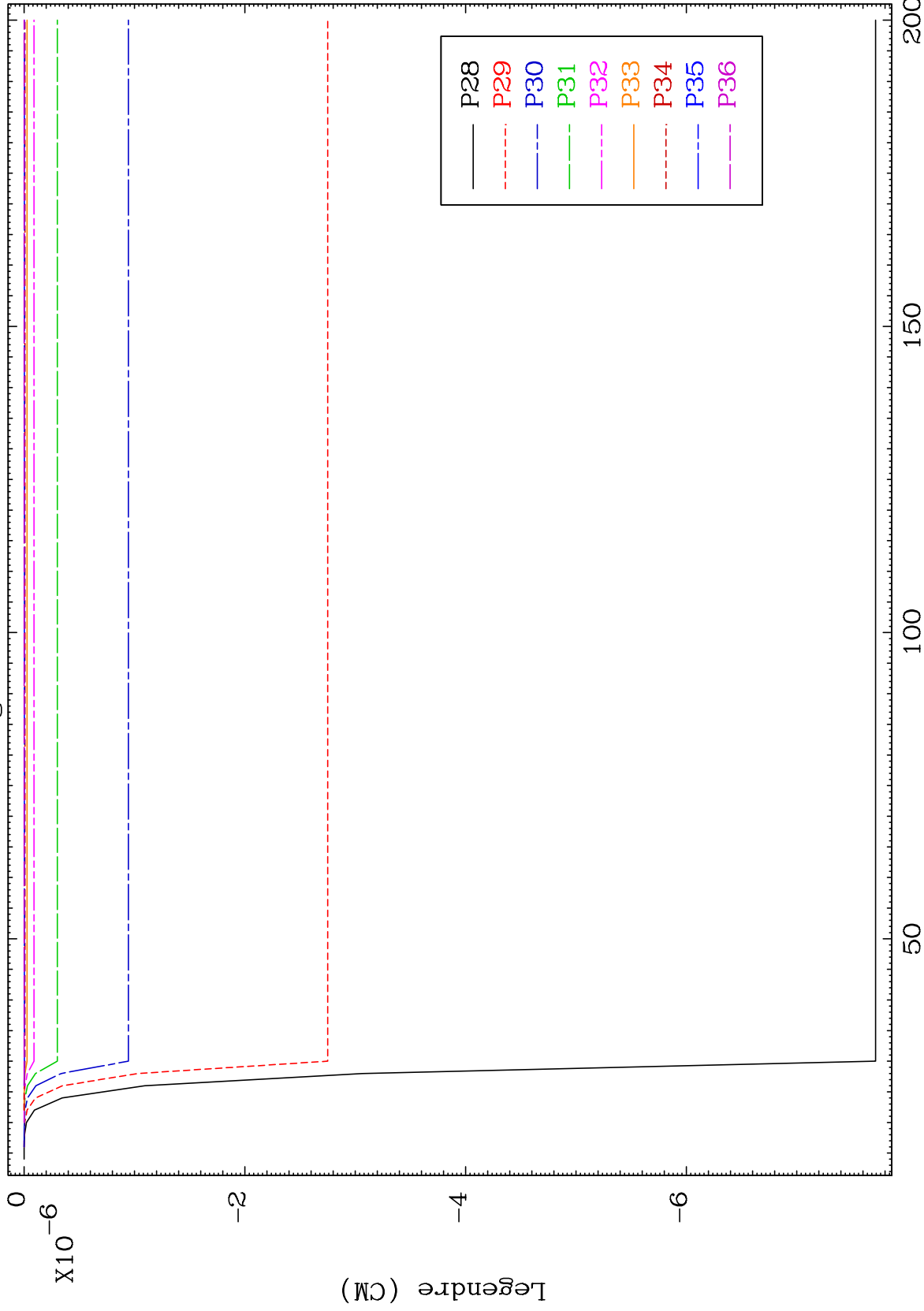
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

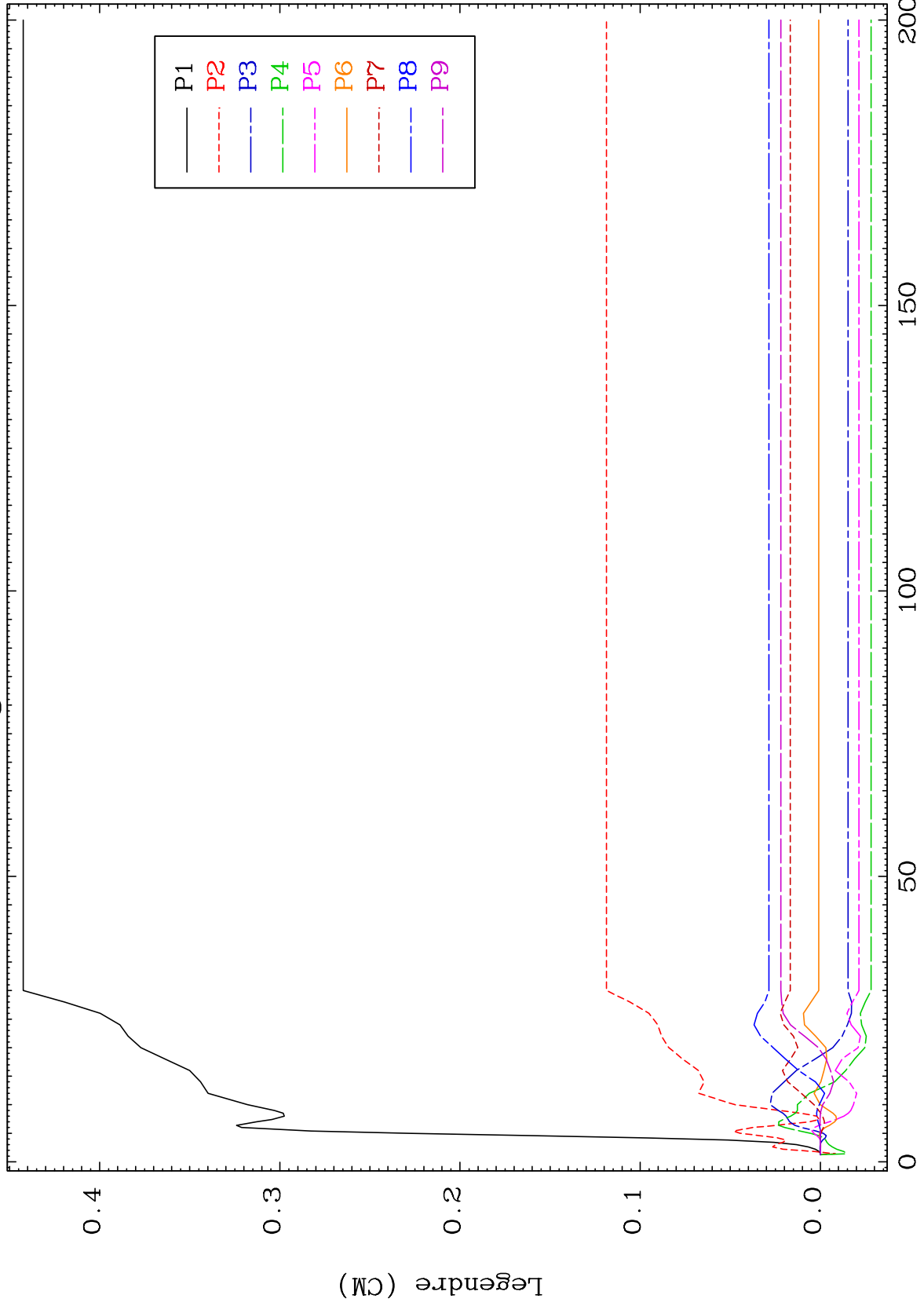
Incident Energy (MeV)

45

MAT 6425

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

64-Gd-152



46

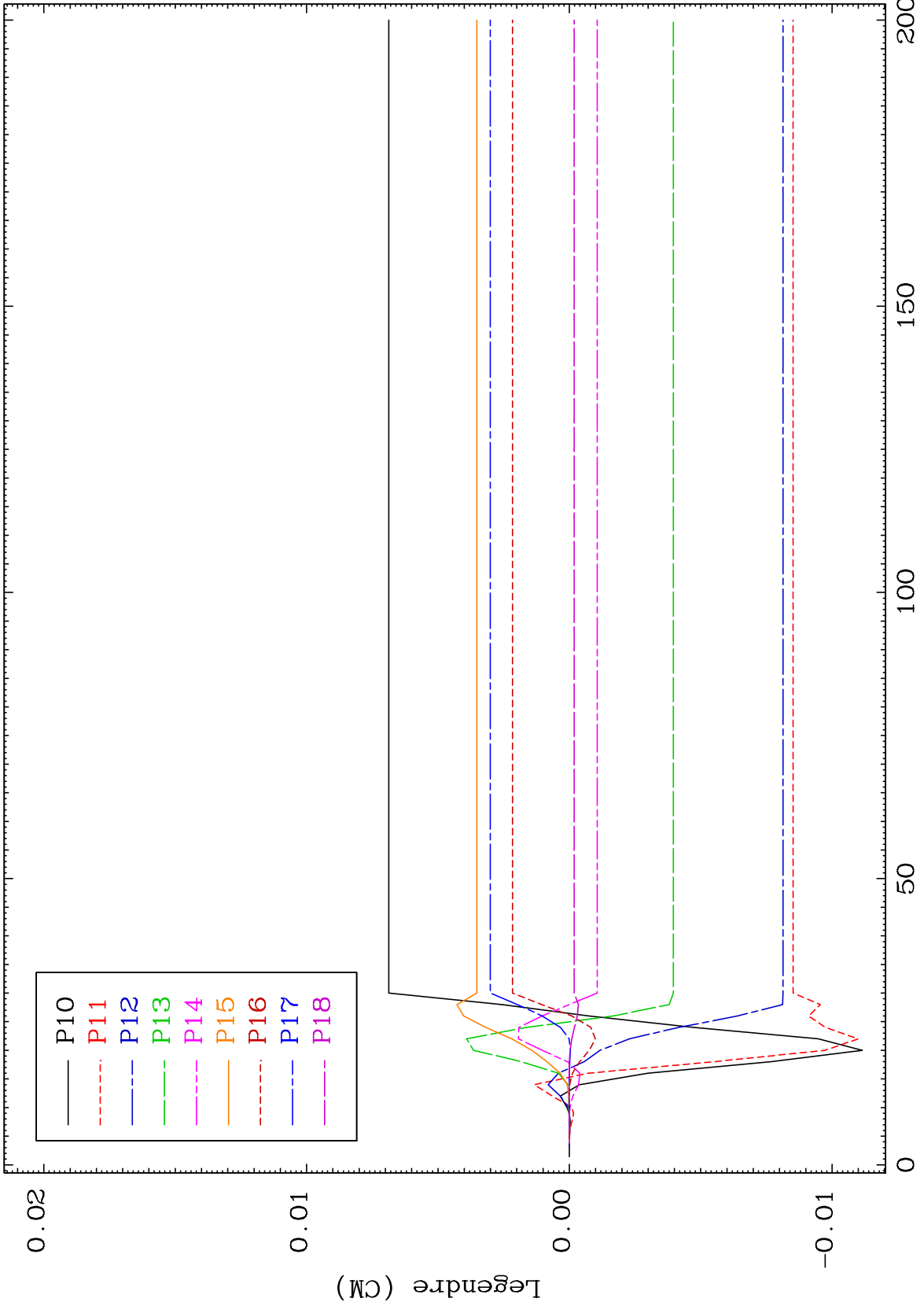
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



47

Incident Energy (MeV)

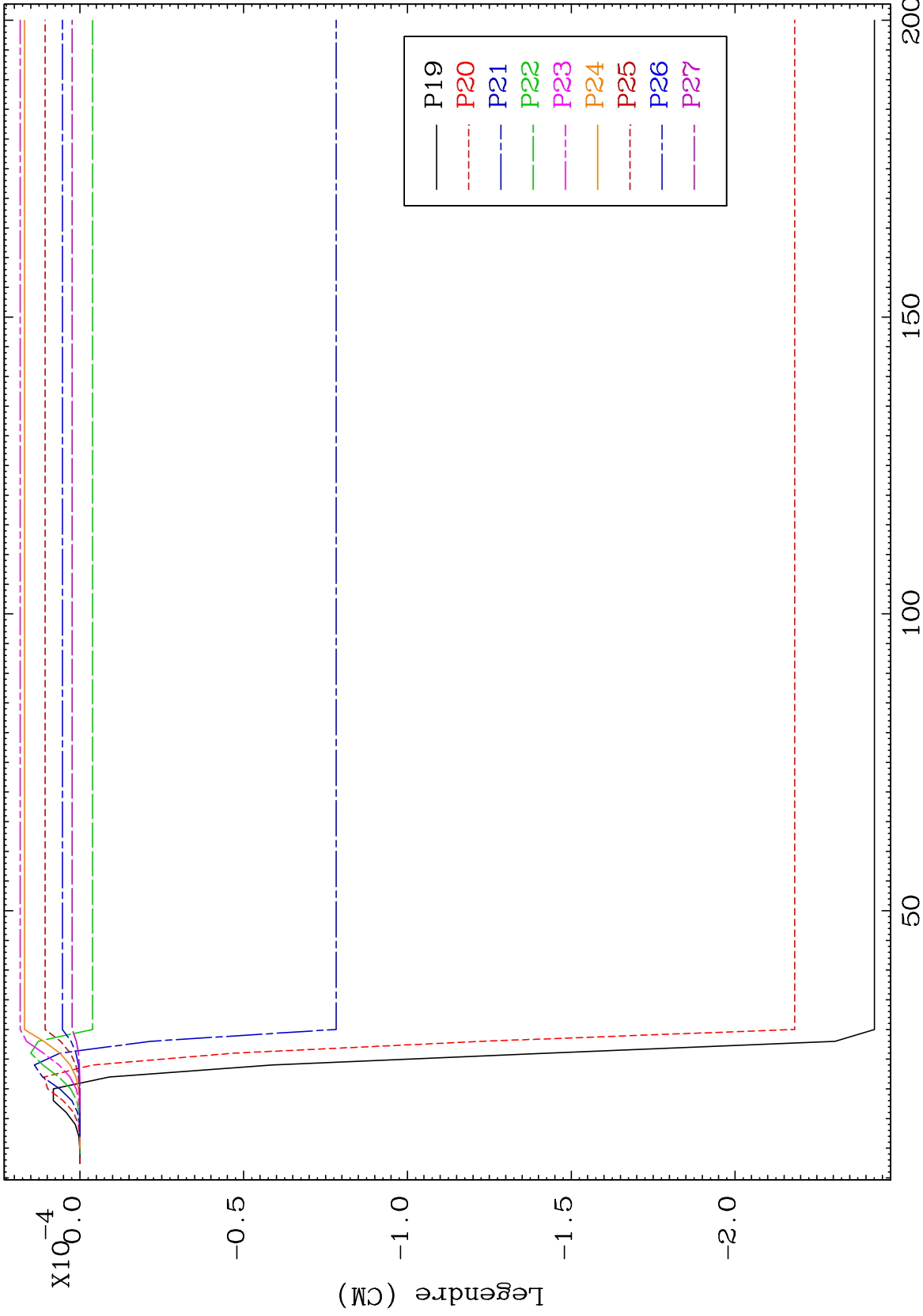
64-Gd-152



MAT 6425

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

64-Gd-152



64-Gd-152

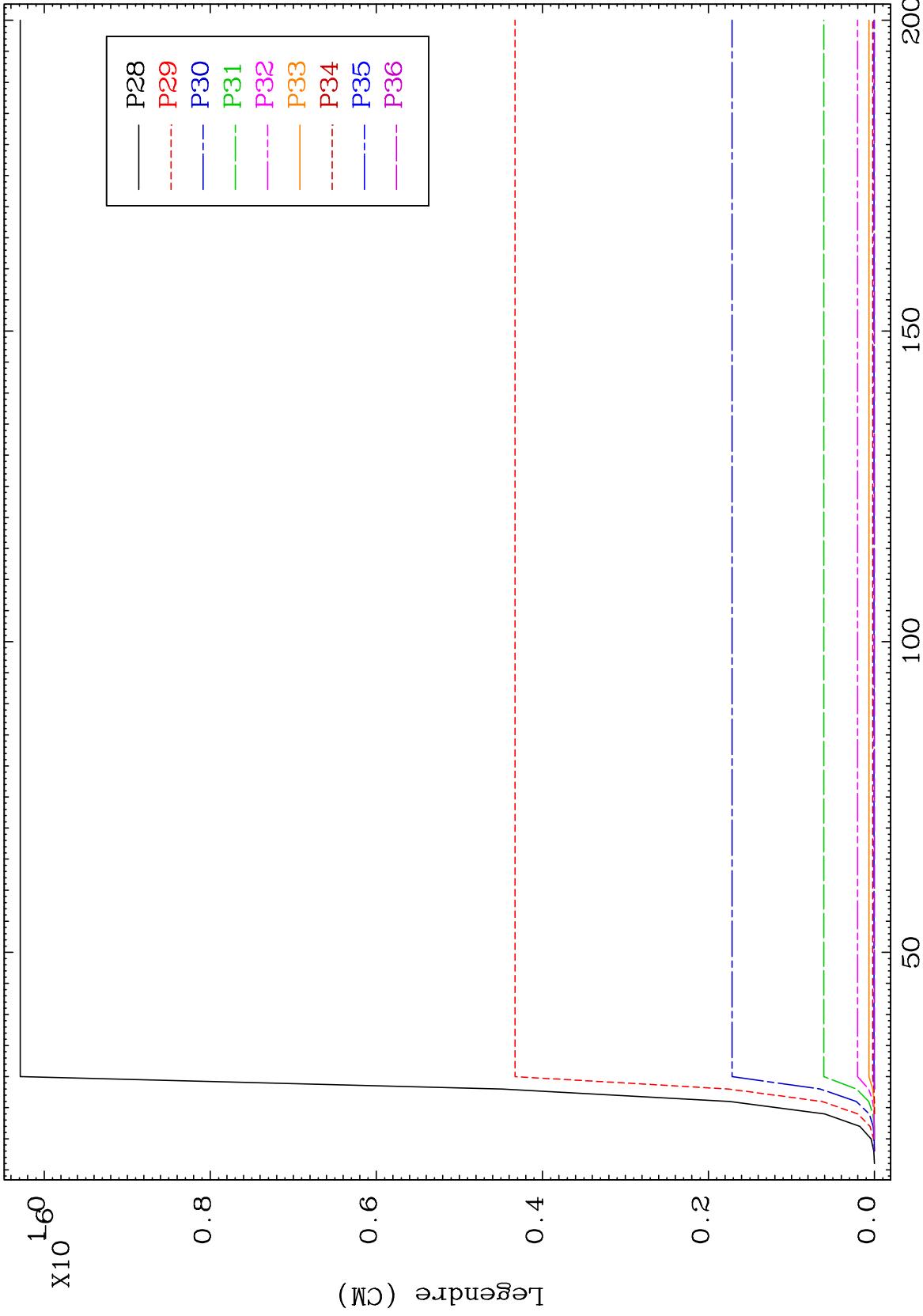
Incident Energy (MeV)

48

MAT 6425

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

64-Gd-152

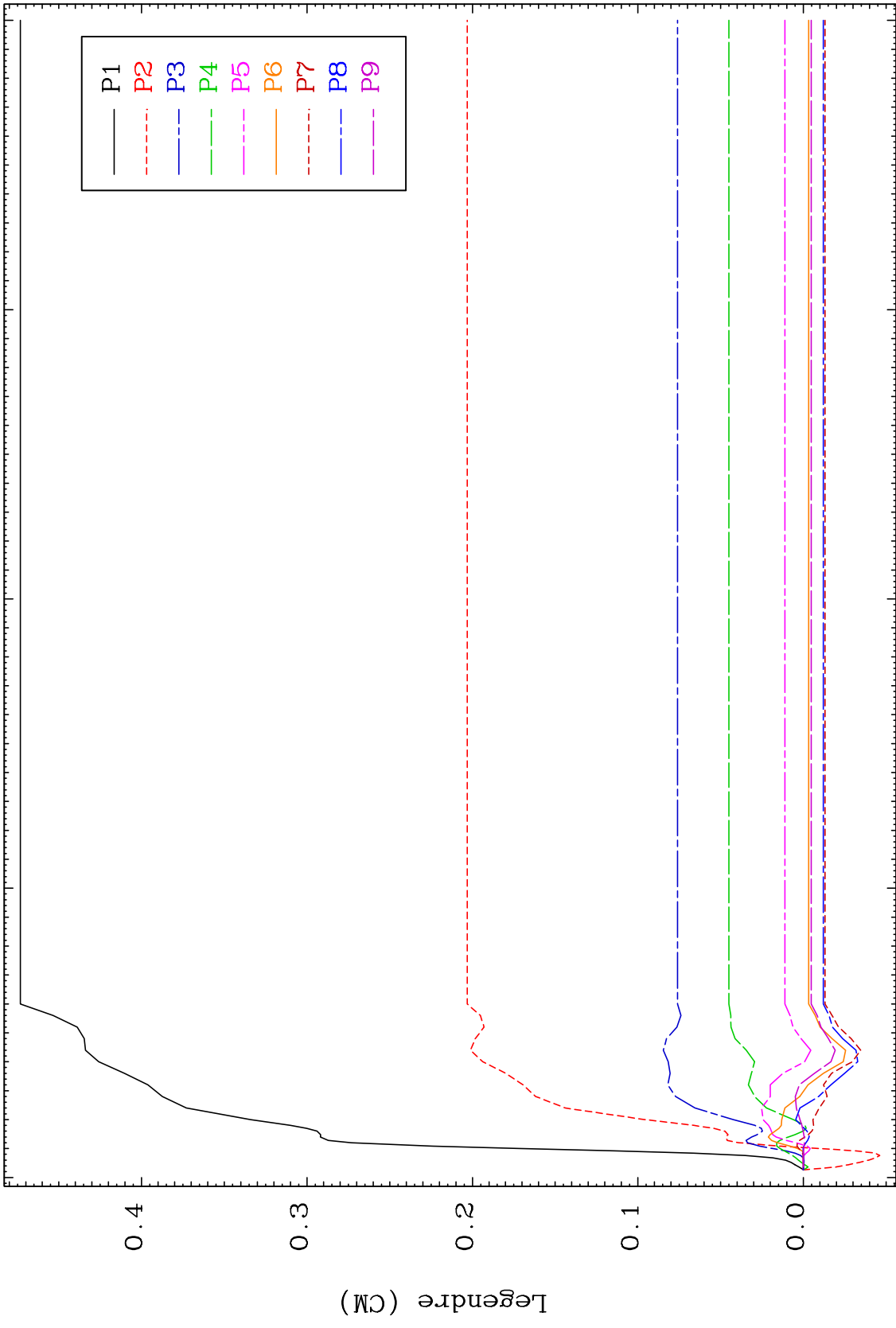


49

Incident Energy (MeV)

64-Gd-152

MAT 6425 MT= 59 (n,n') Level Legendre Coefficients 64-Gd-152

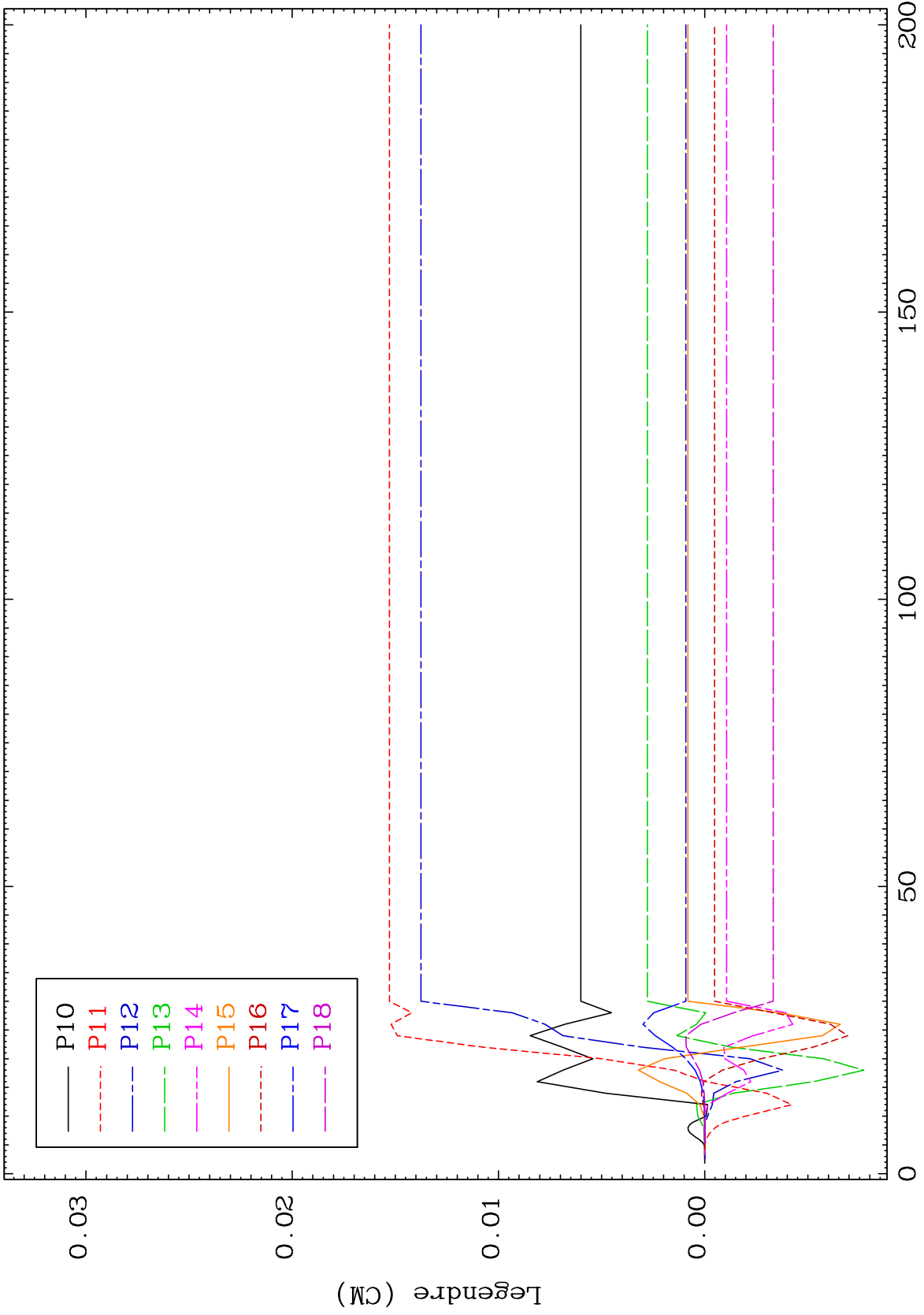


64-Gd-152 Incident Energy (MeV)

MAT 6425

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

64-Gd-152



51

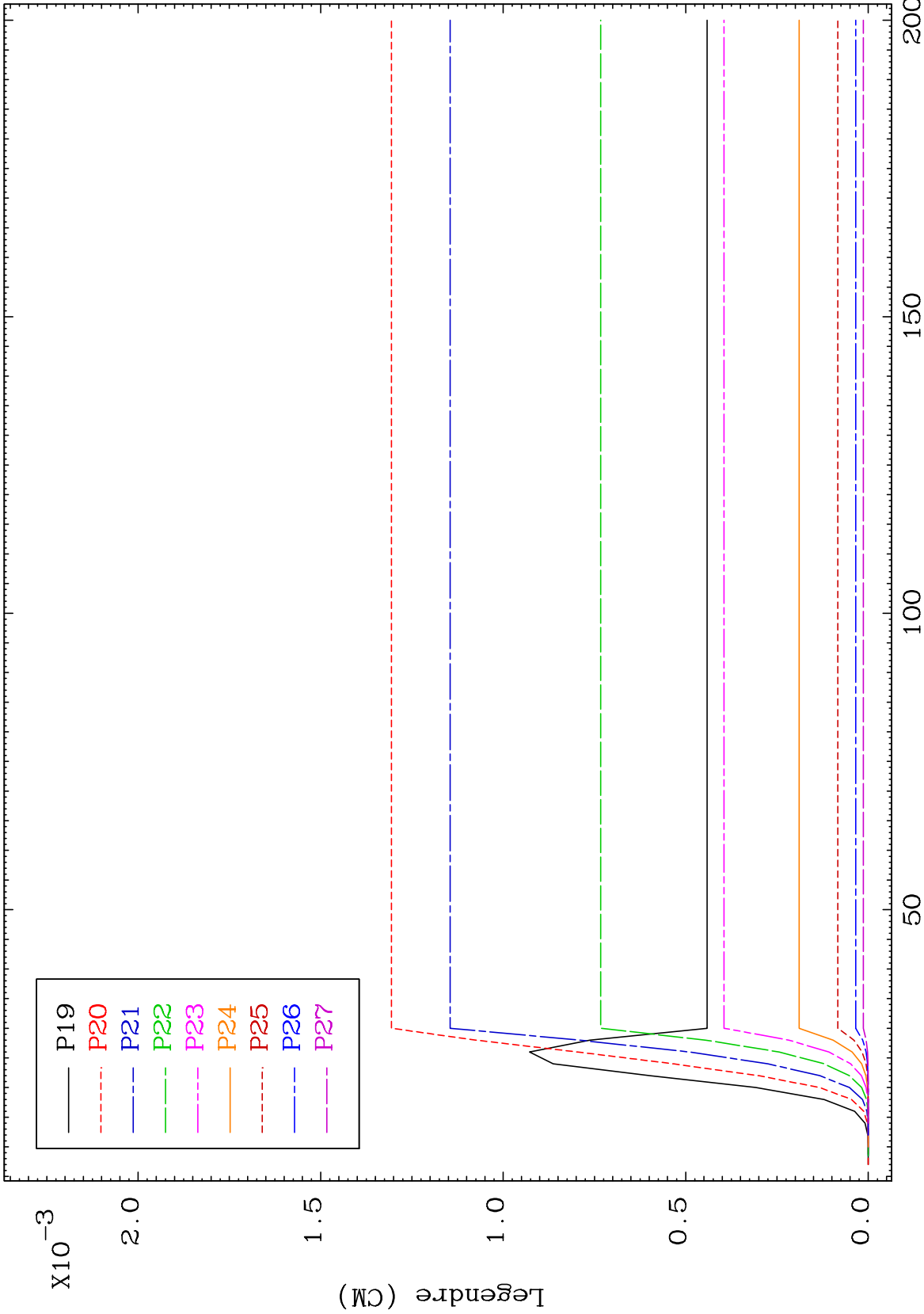
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



52

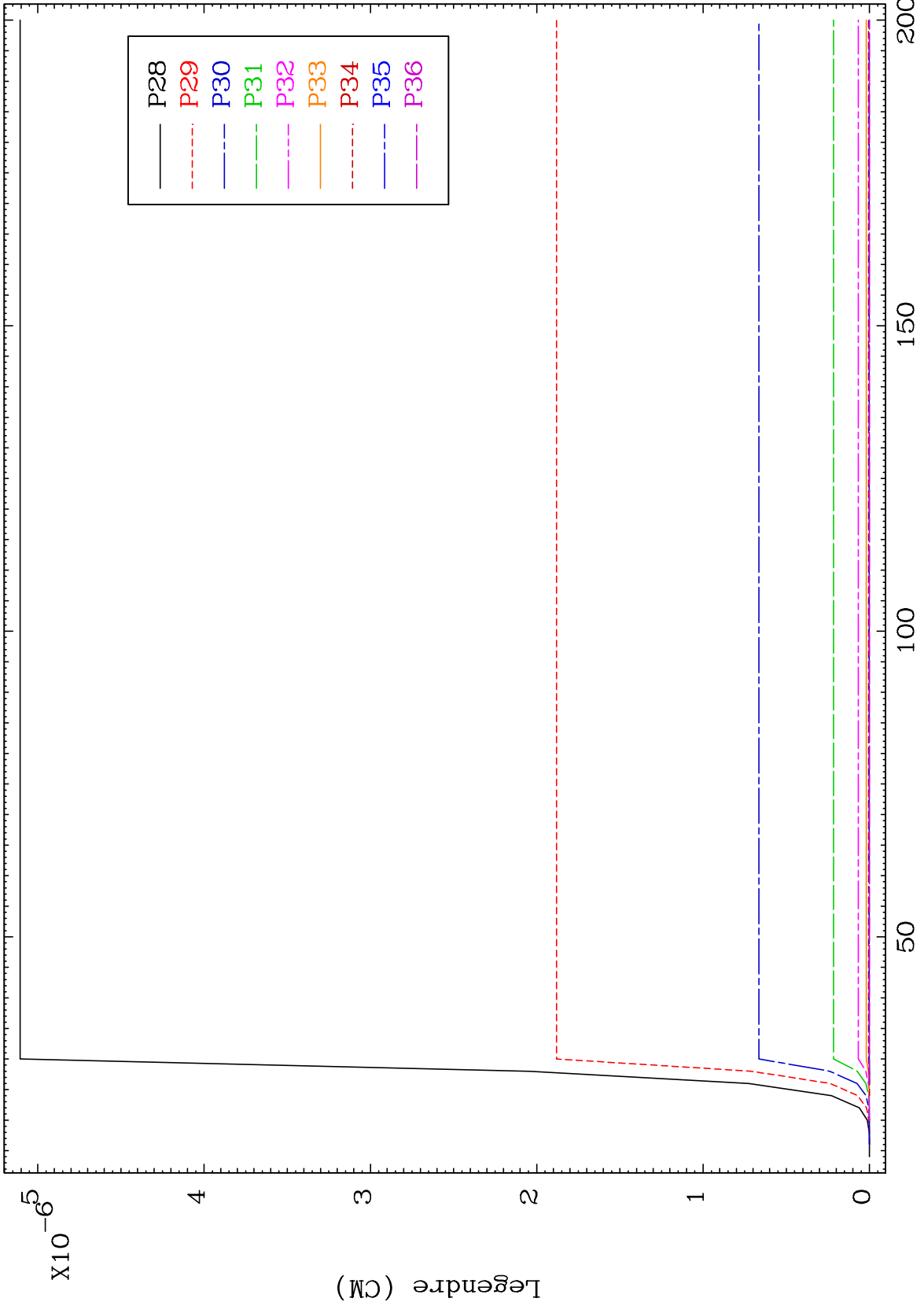
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



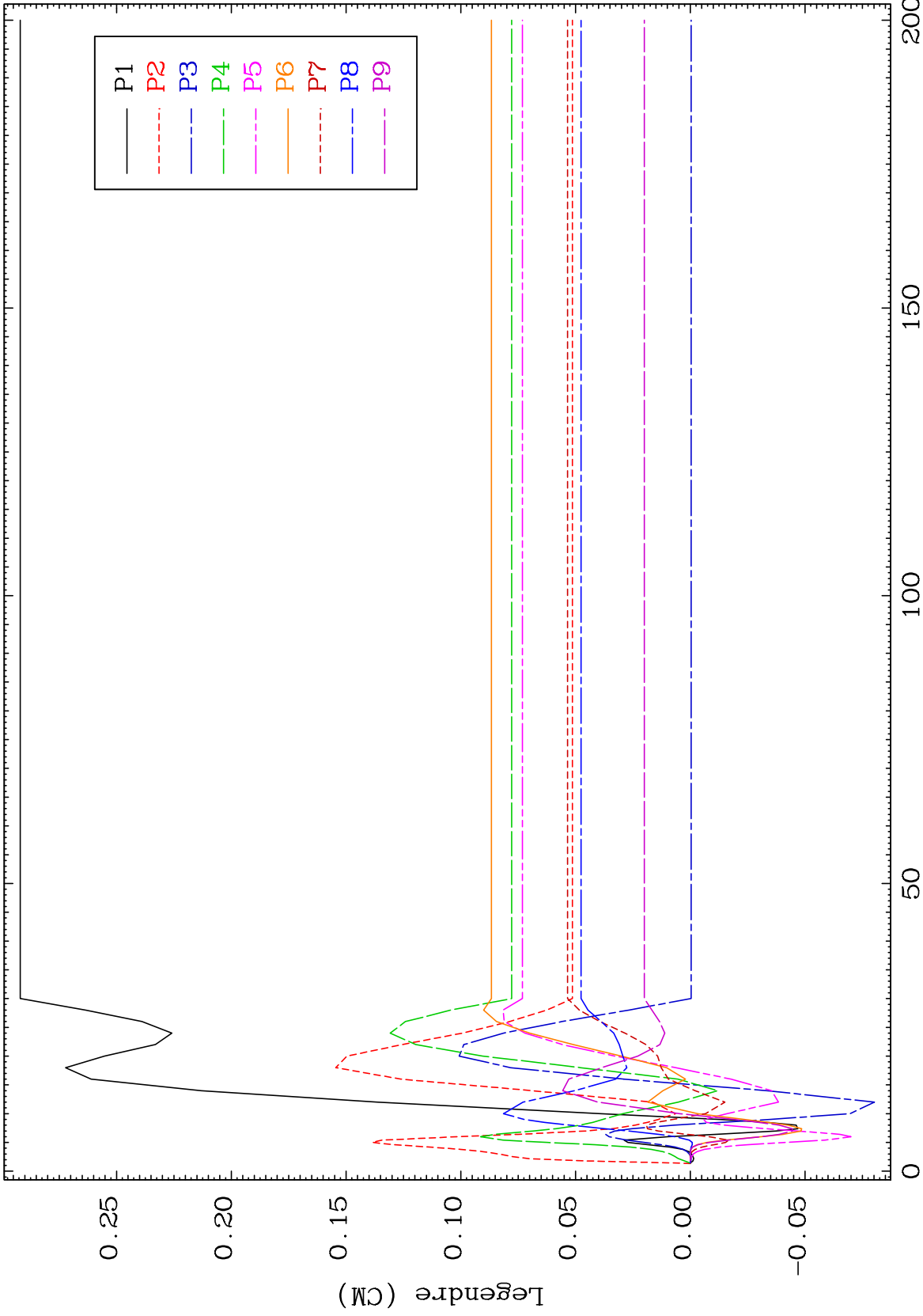
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64-Gd-152

MAT 6425

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

64-Gd-152



54

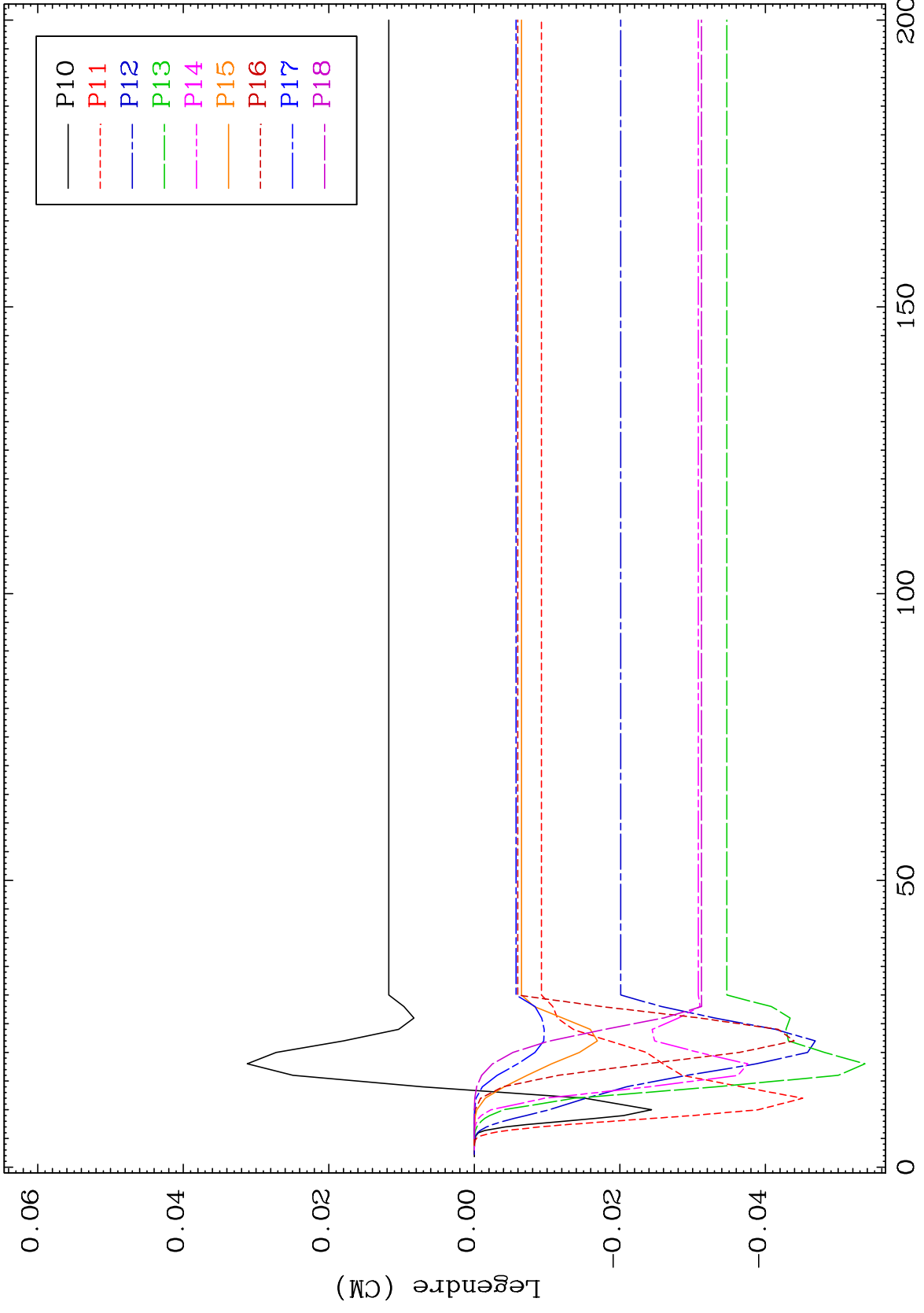
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



55

Incident Energy (MeV)

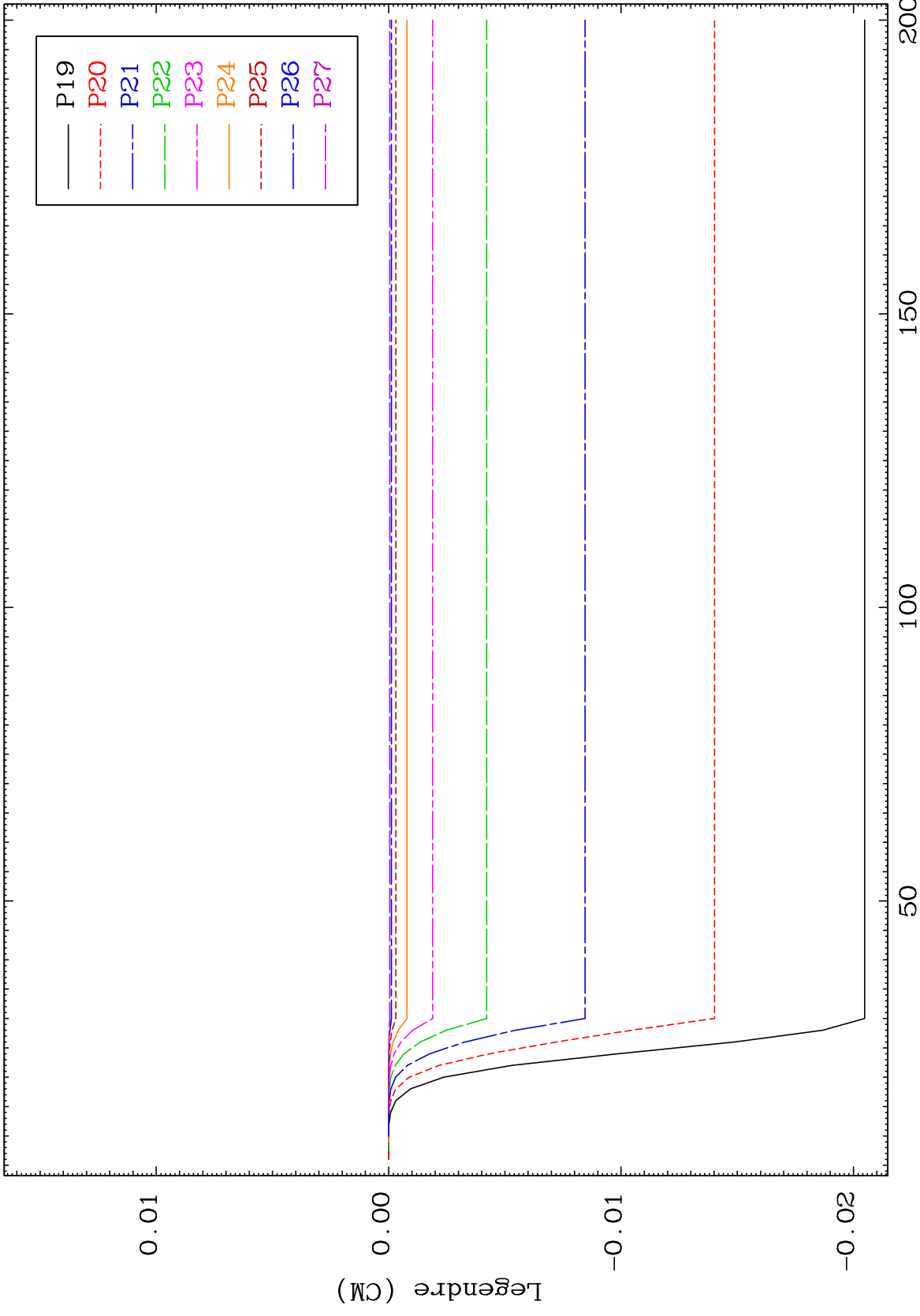
64-Gd-152



MAT 6425

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

64-Gd-152



56

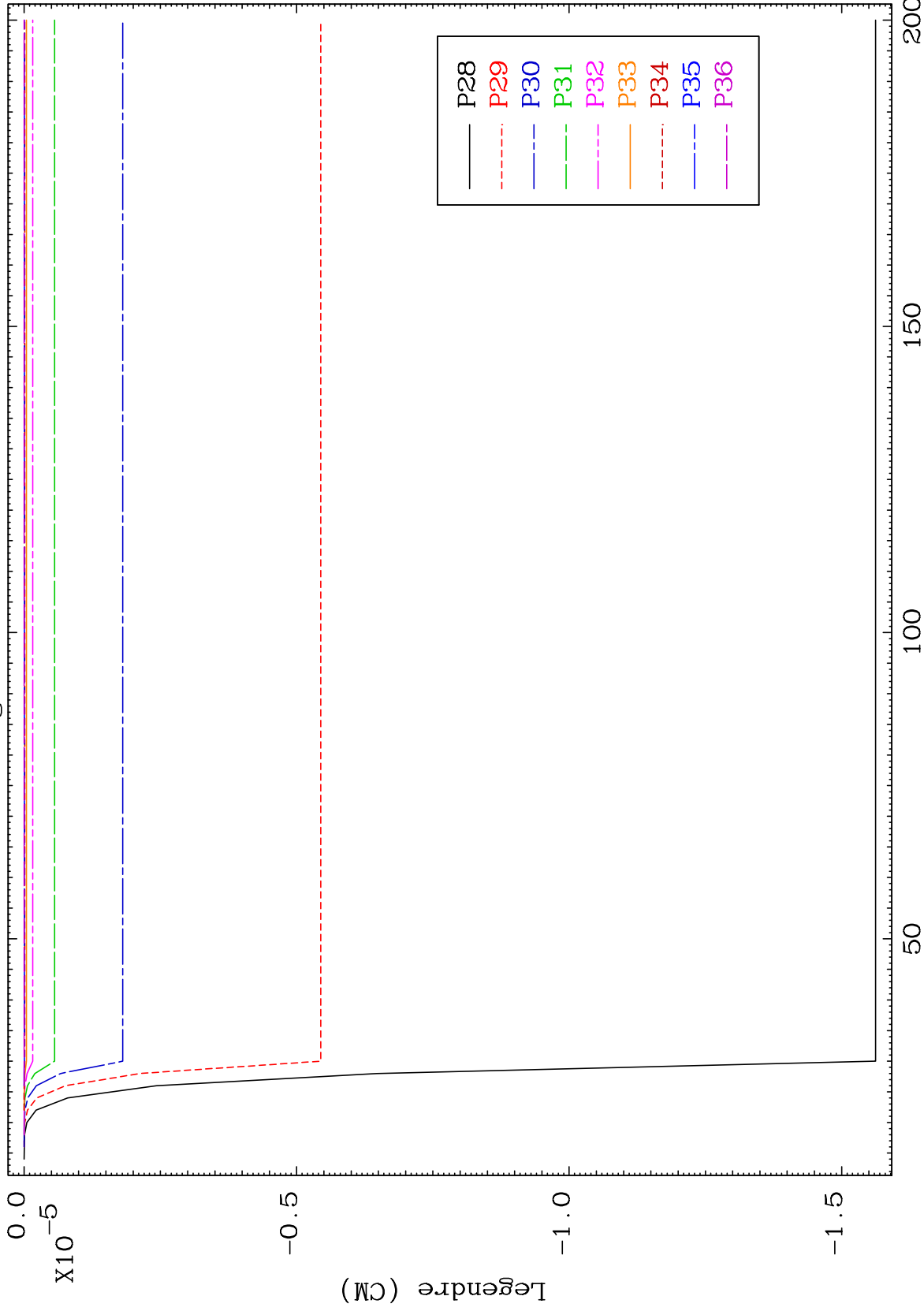
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

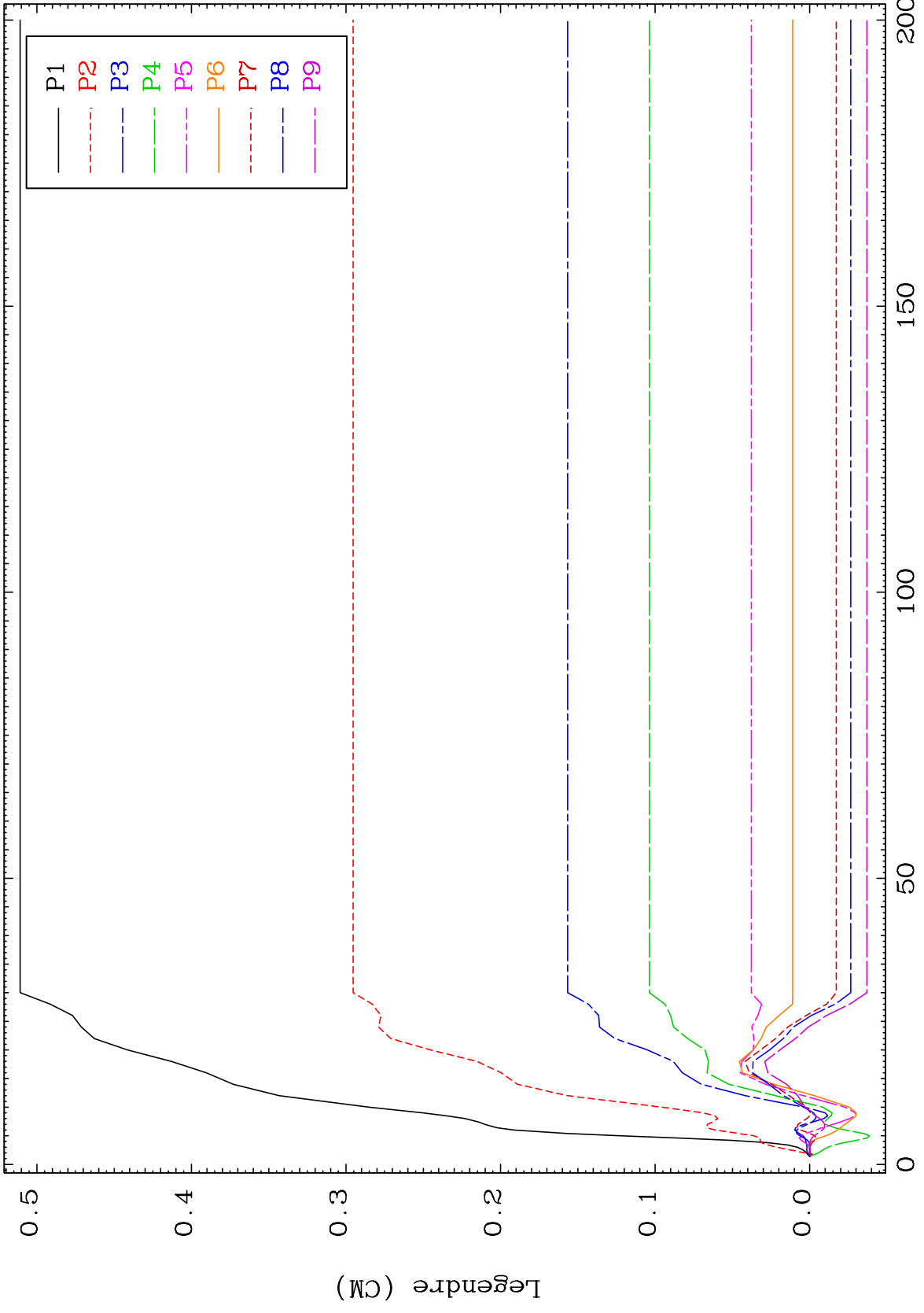
Incident Energy (MeV)

57

MAT 6425

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

64-Gd-152



58

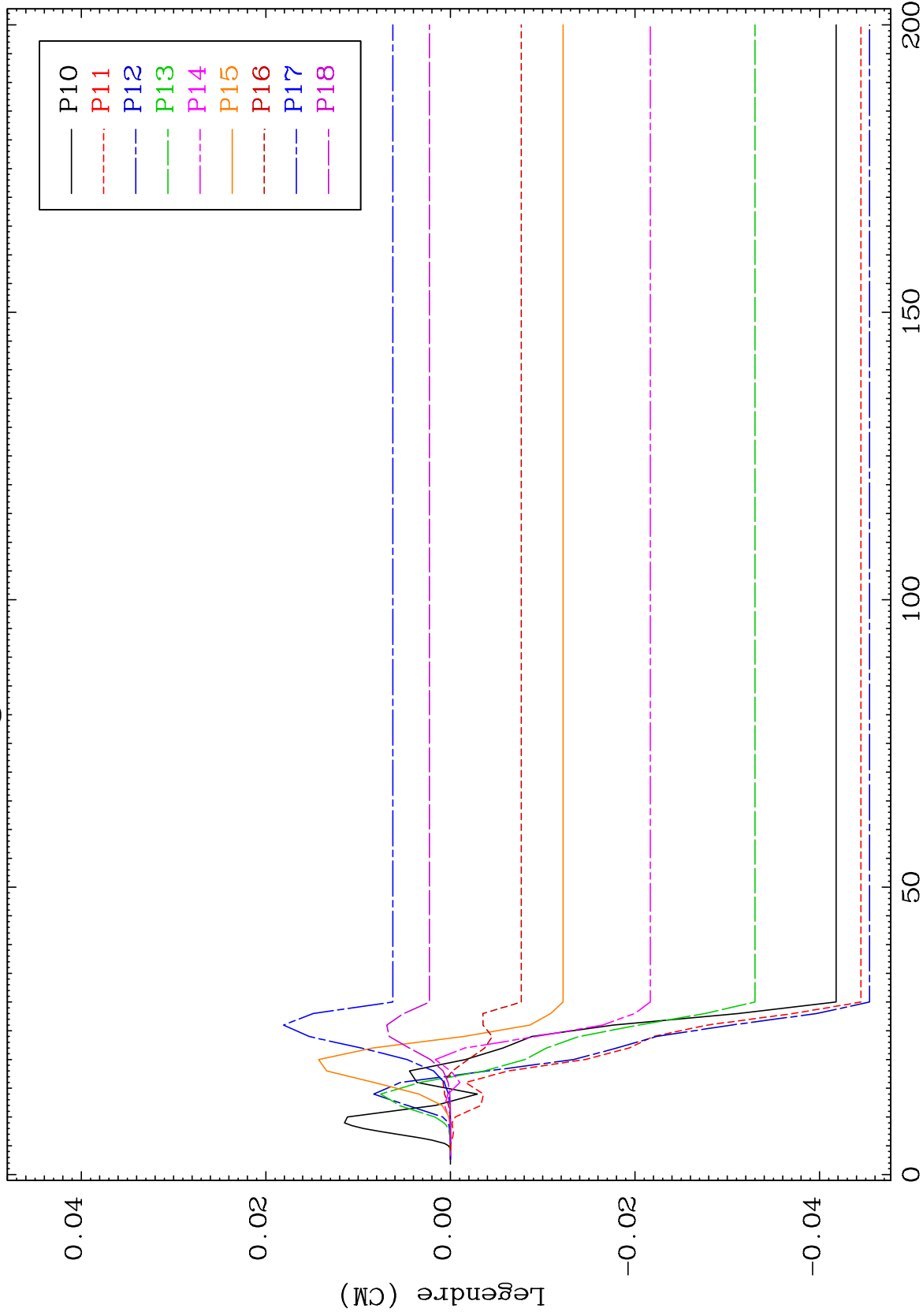
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



59

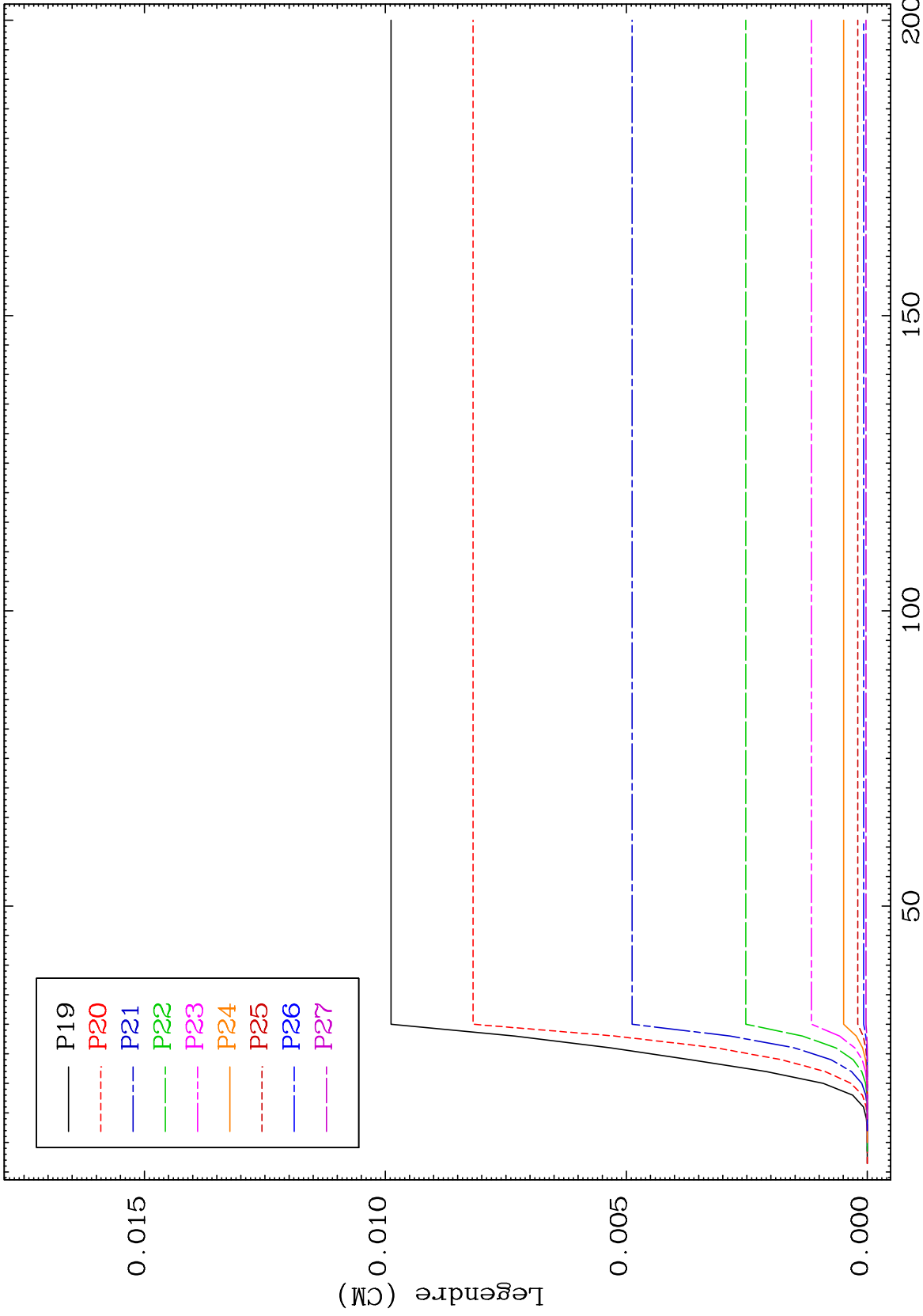
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



60

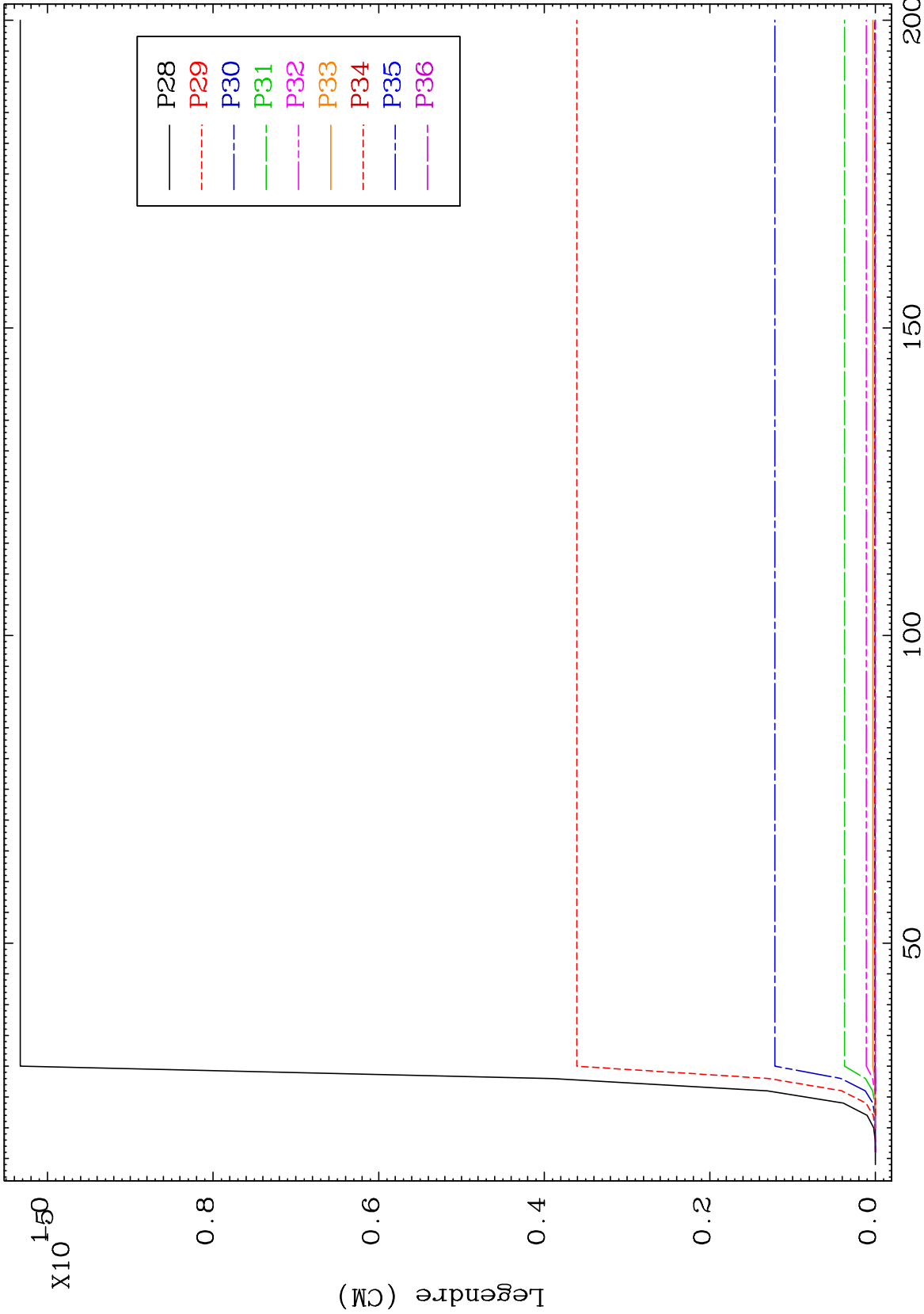
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152

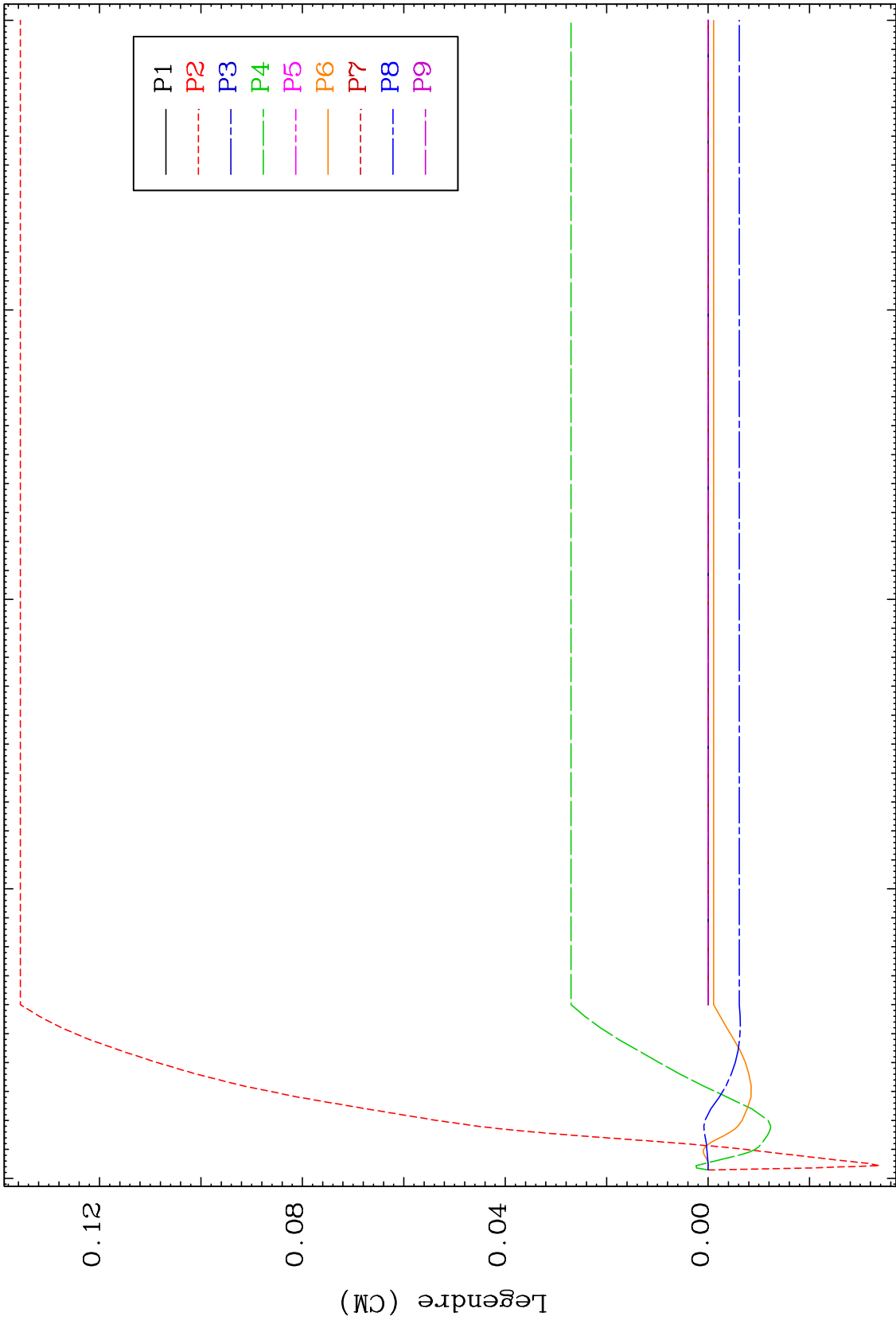


61

Incident Energy (MeV)

64-Gd-152

MAT 6425 MT= 62 (n,n') Level Legendre Coefficients 64-Gd-152

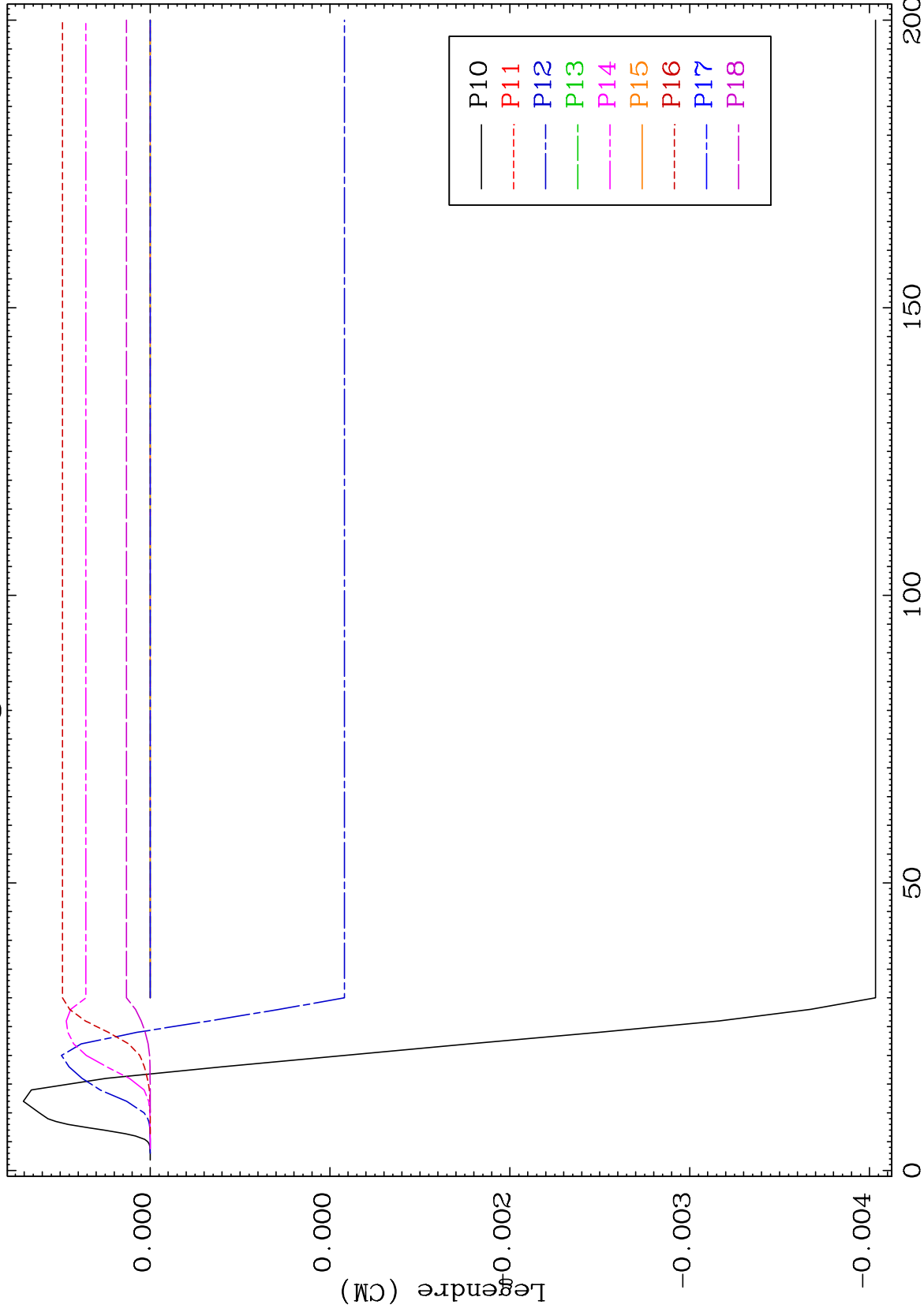


62 64-Gd-152

MAT 6425

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

64-Gd-152



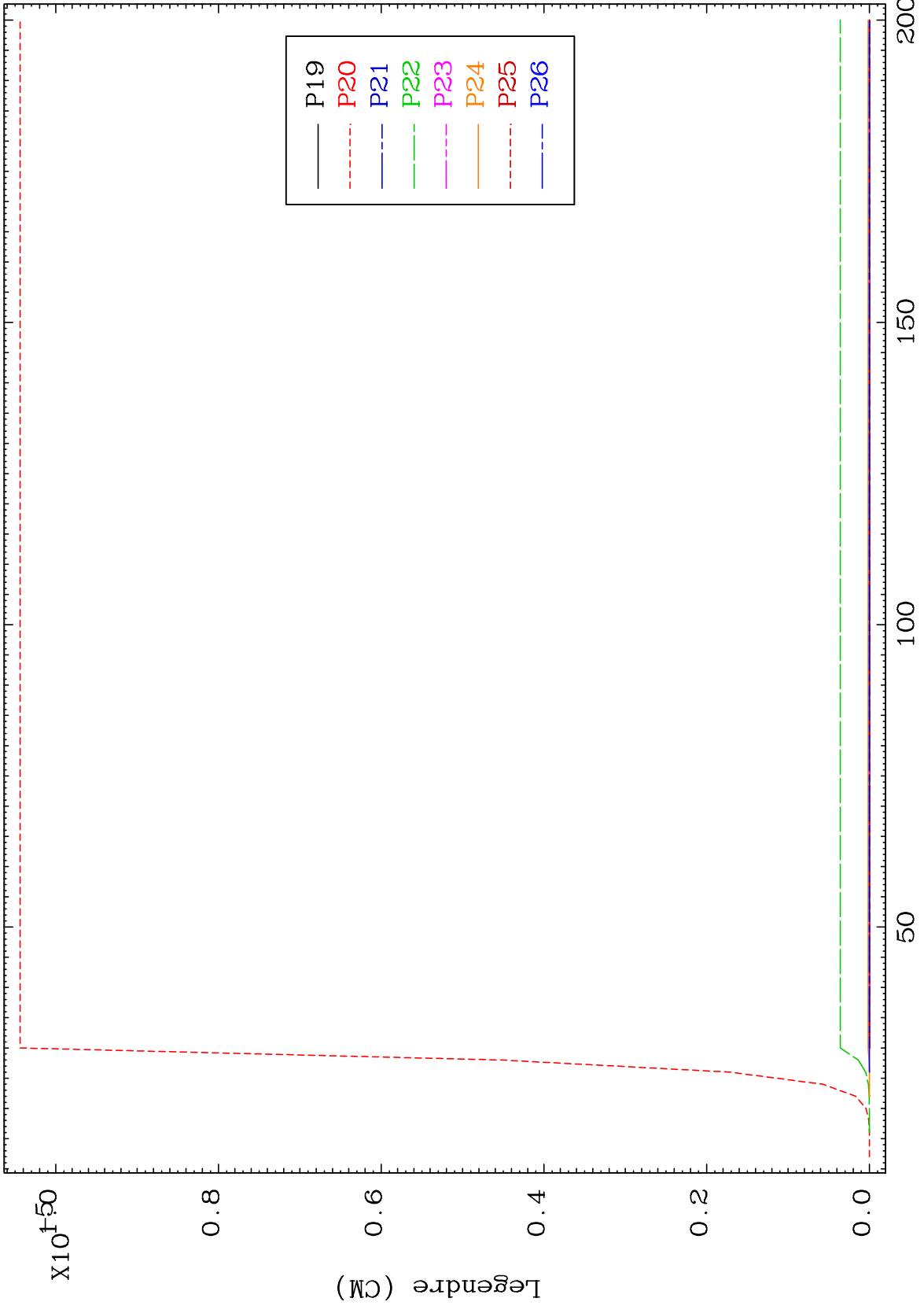
63

Incident Energy (MeV)

64-Gd-152

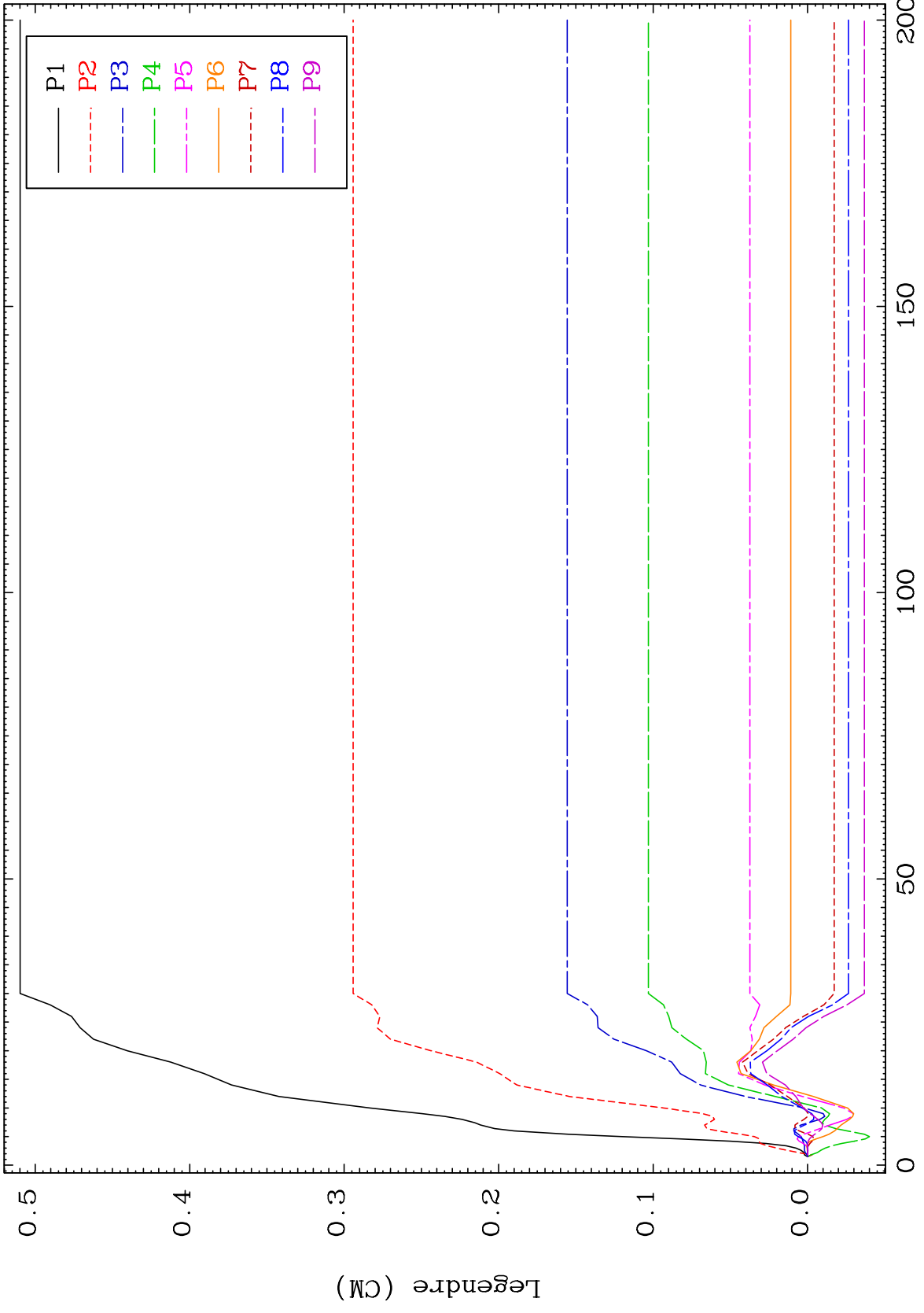


MAT 6425 MT= 62 (n,n') Level Legendre Coefficients 64-Gd-152



64 64-Gd-152

MAT 6425 MT= 63 (n,n') Level Legendre Coefficients 64-Gd-152

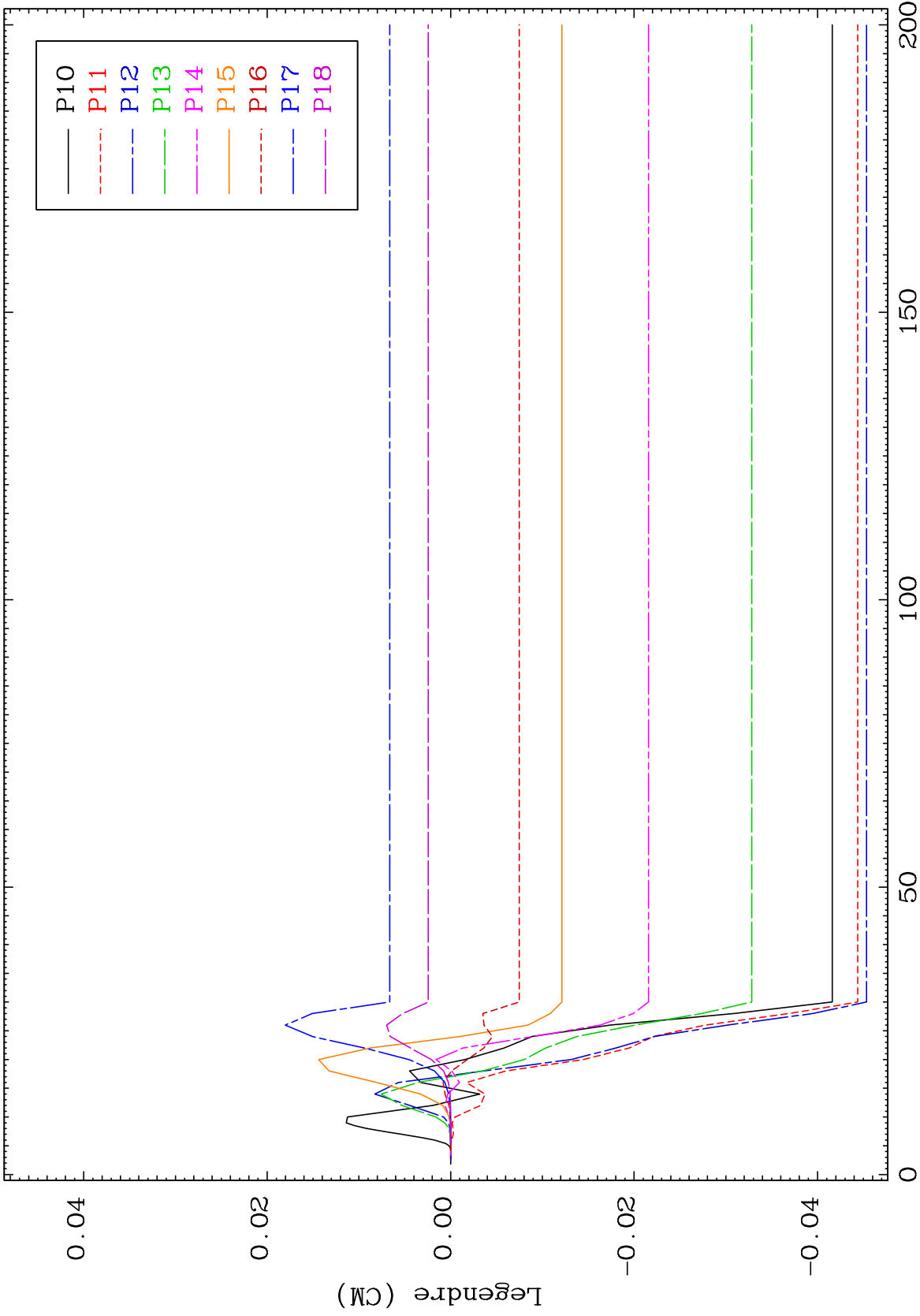


64-Gd-152 Incident Energy (MeV) 65

MAT 6425

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

64-Gd-152



66

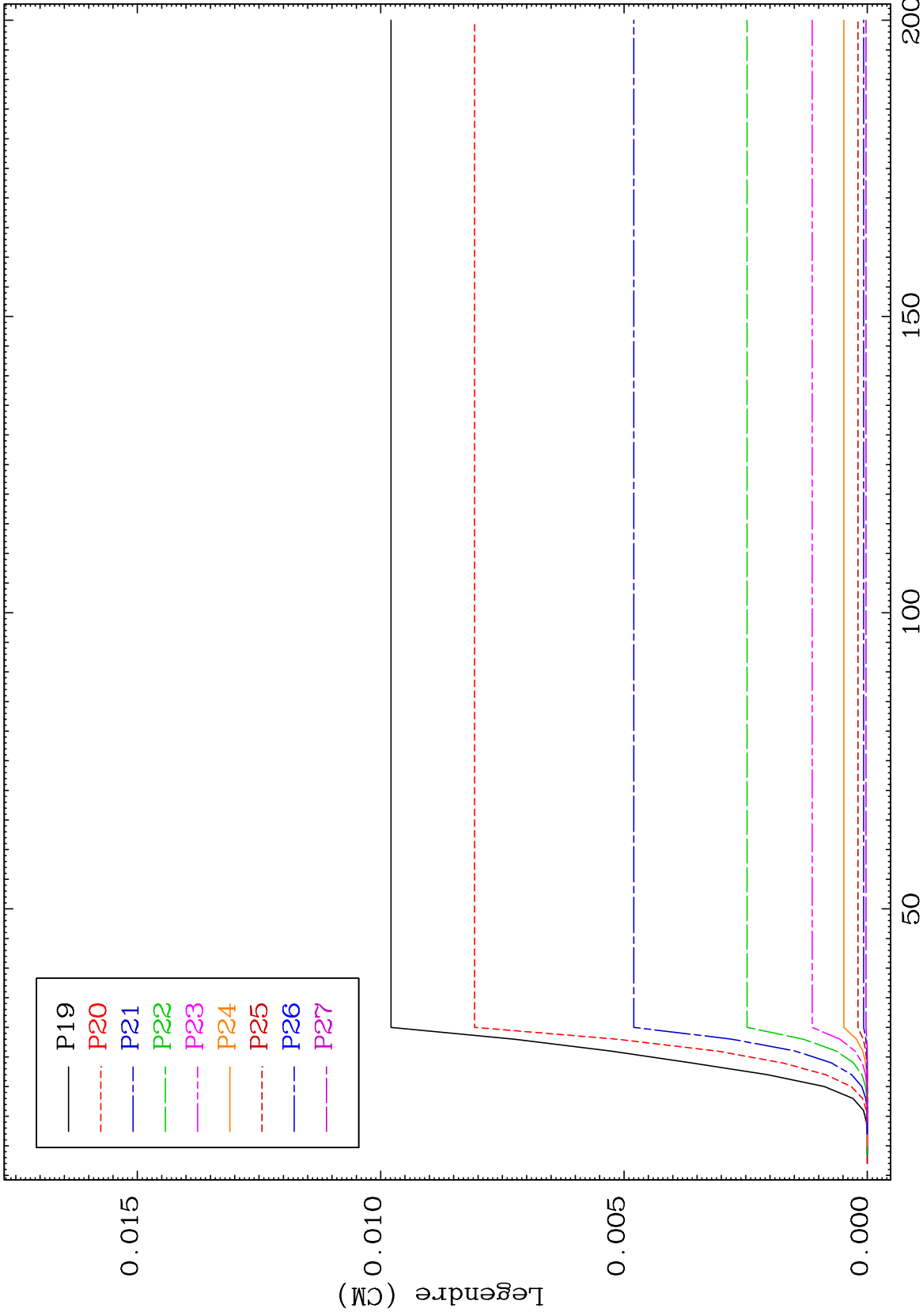
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



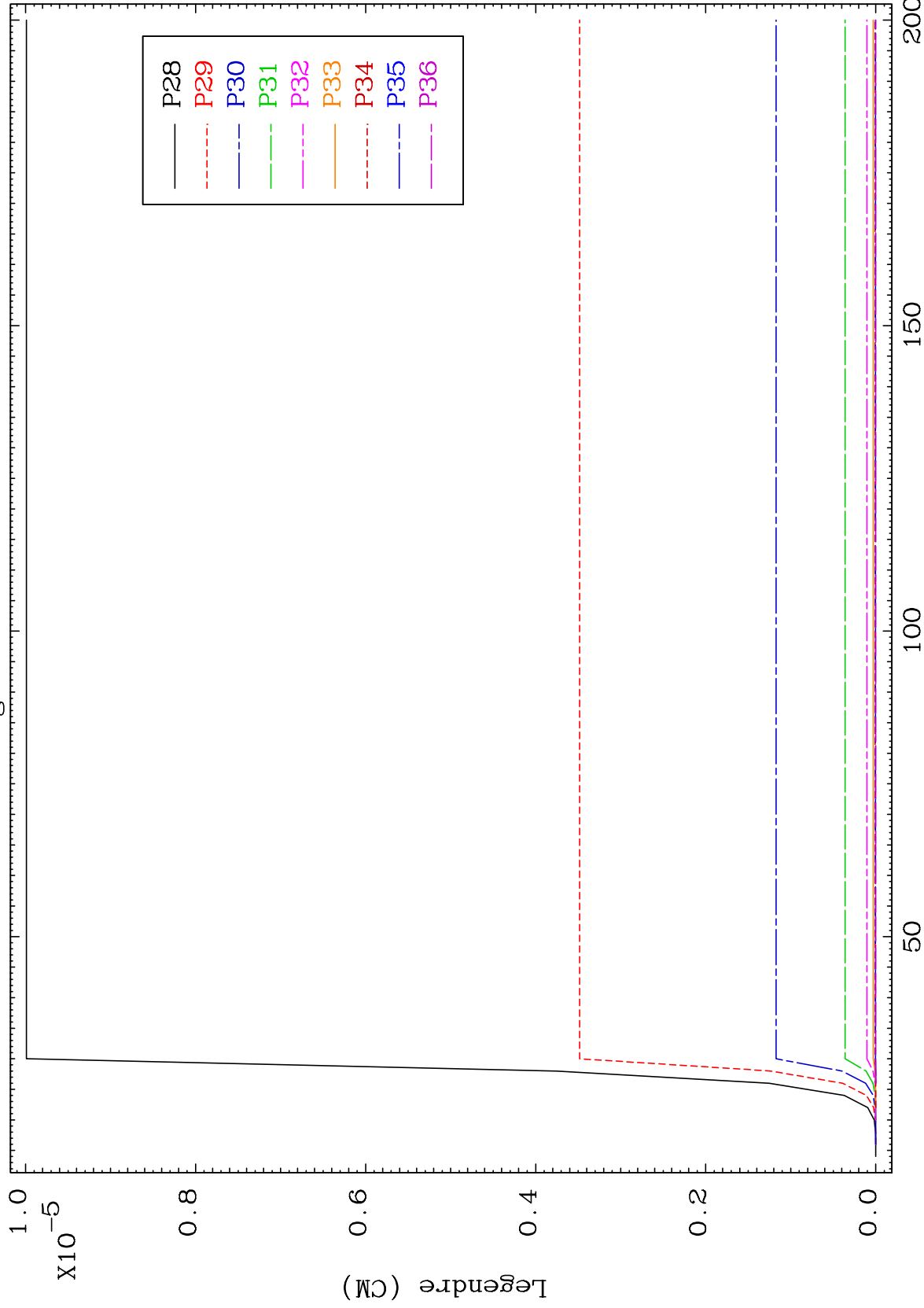
67

64-Gd-152

MAT 6425

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

64-Gd-152



68

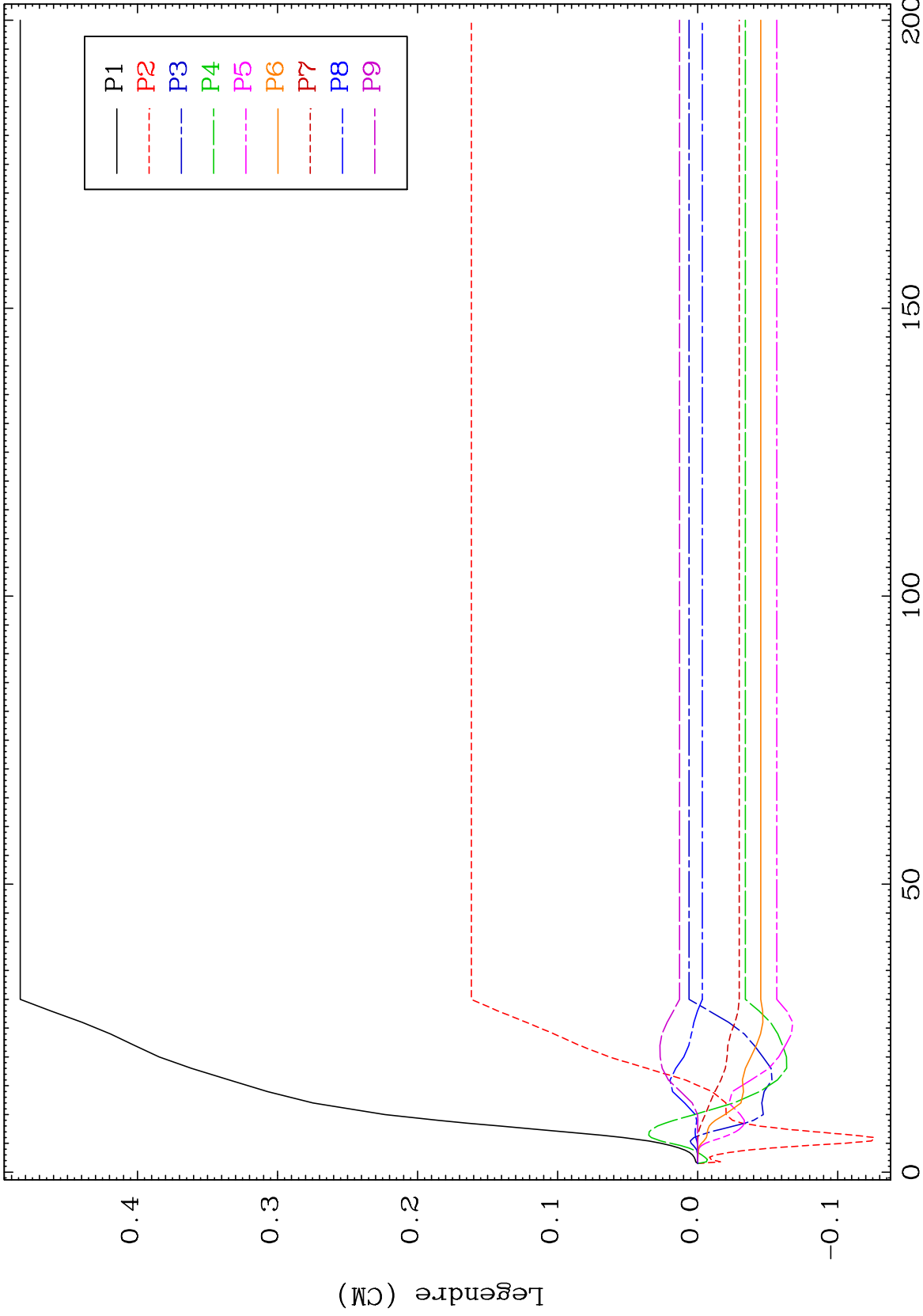
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



69

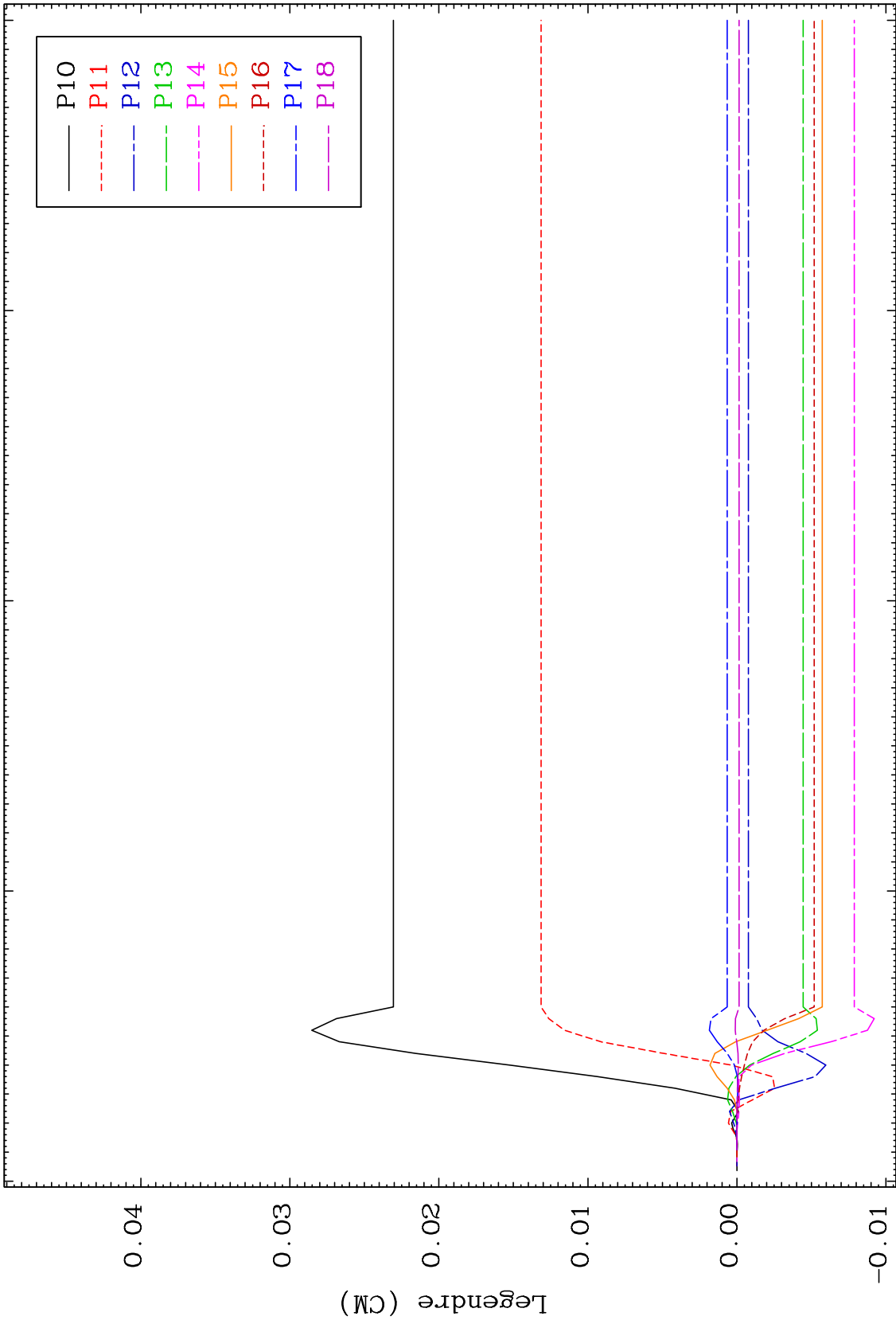
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



70

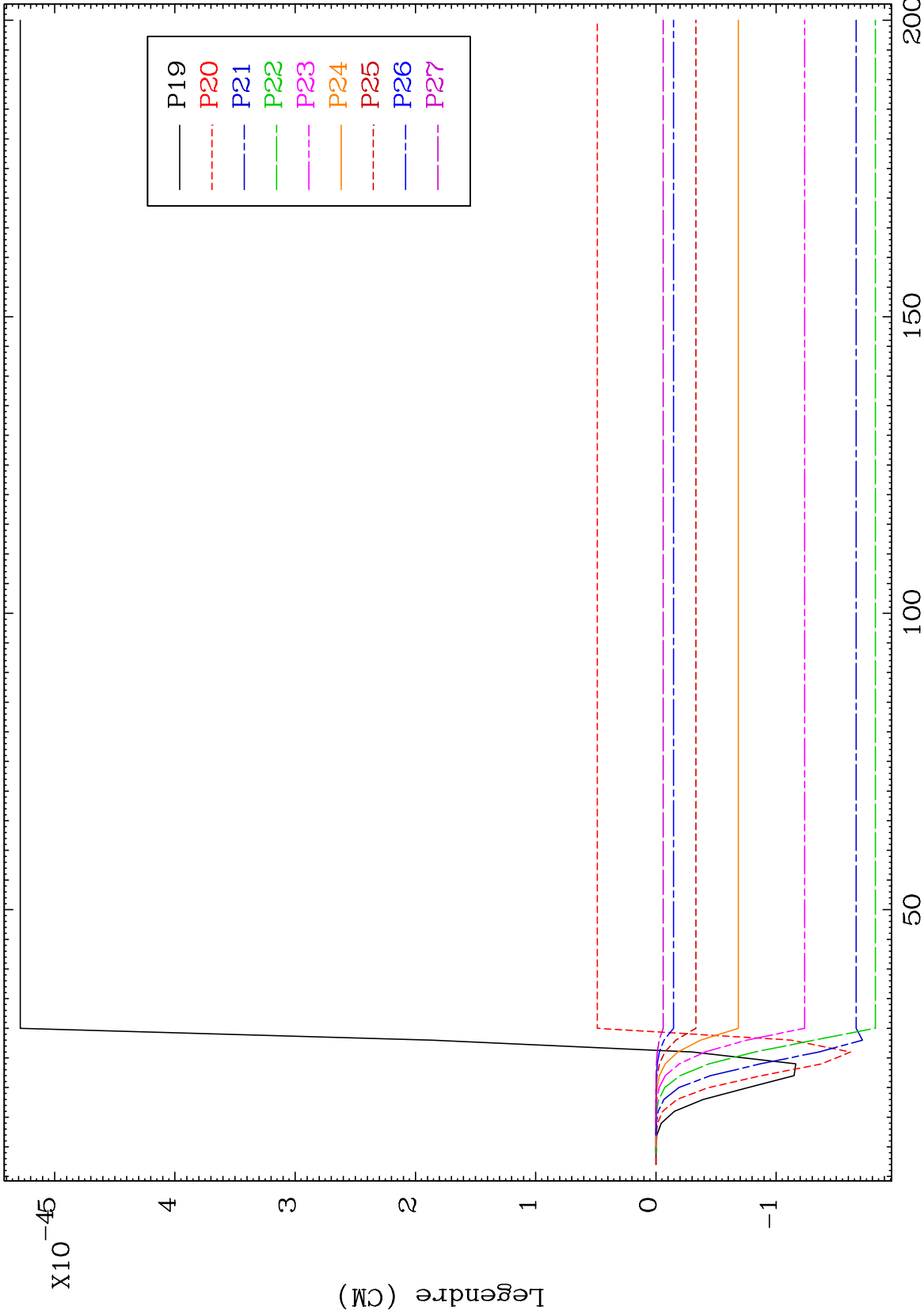
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



71

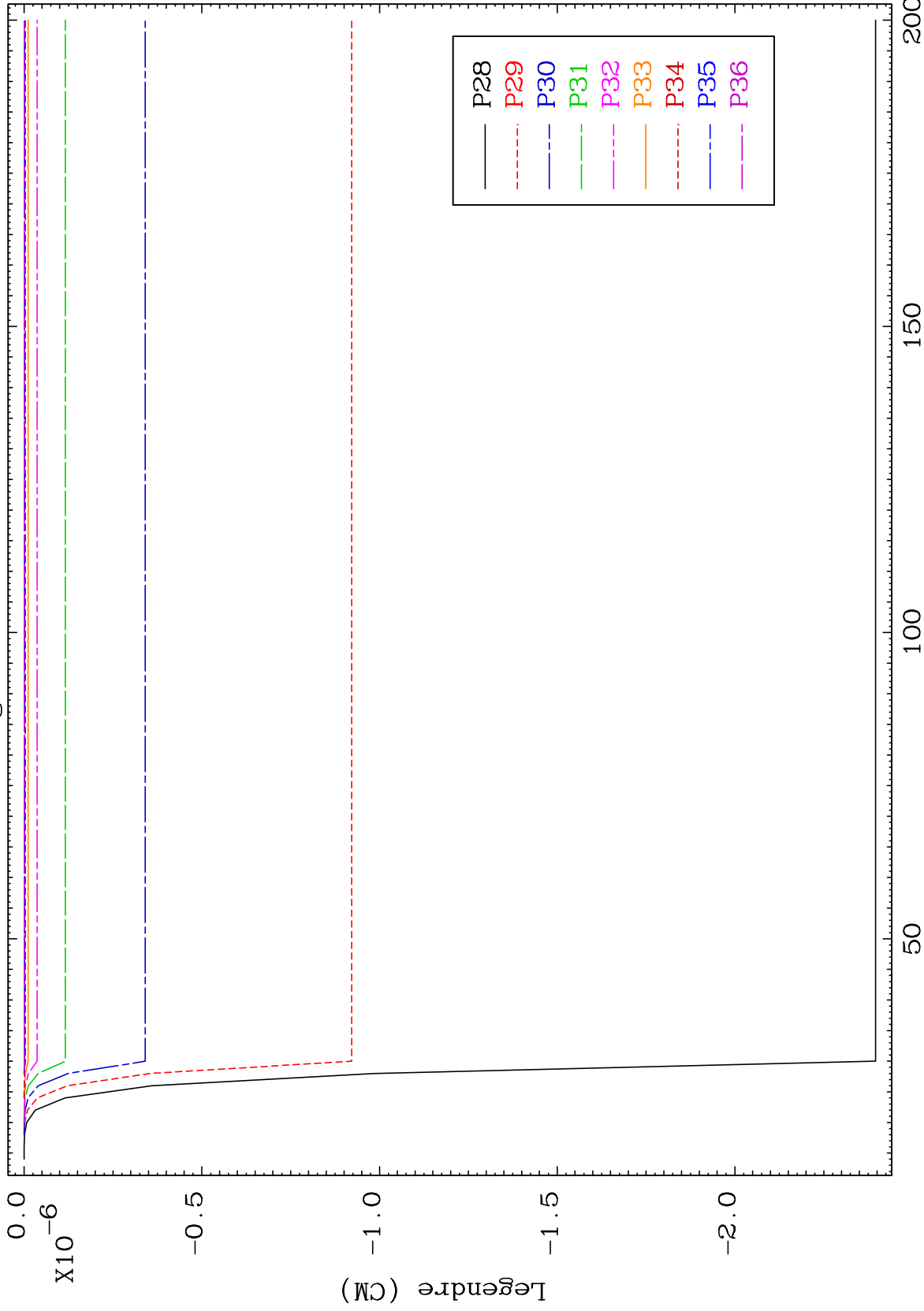
64-Gd-152



MAT 6425

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

64-Gd-152



64-Gd-152

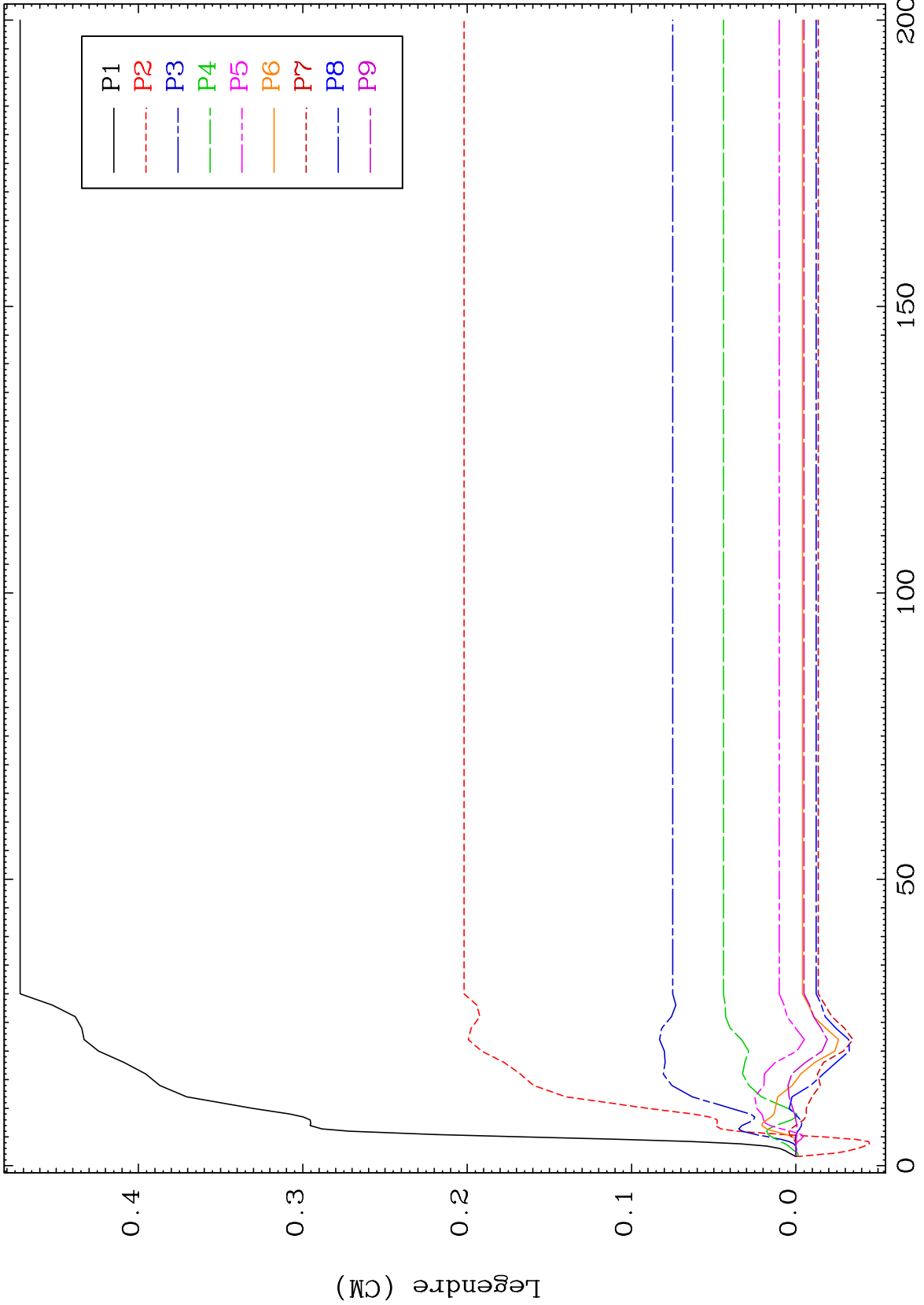
Incident Energy (MeV)

72

MAT 6425

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

64-Gd-152

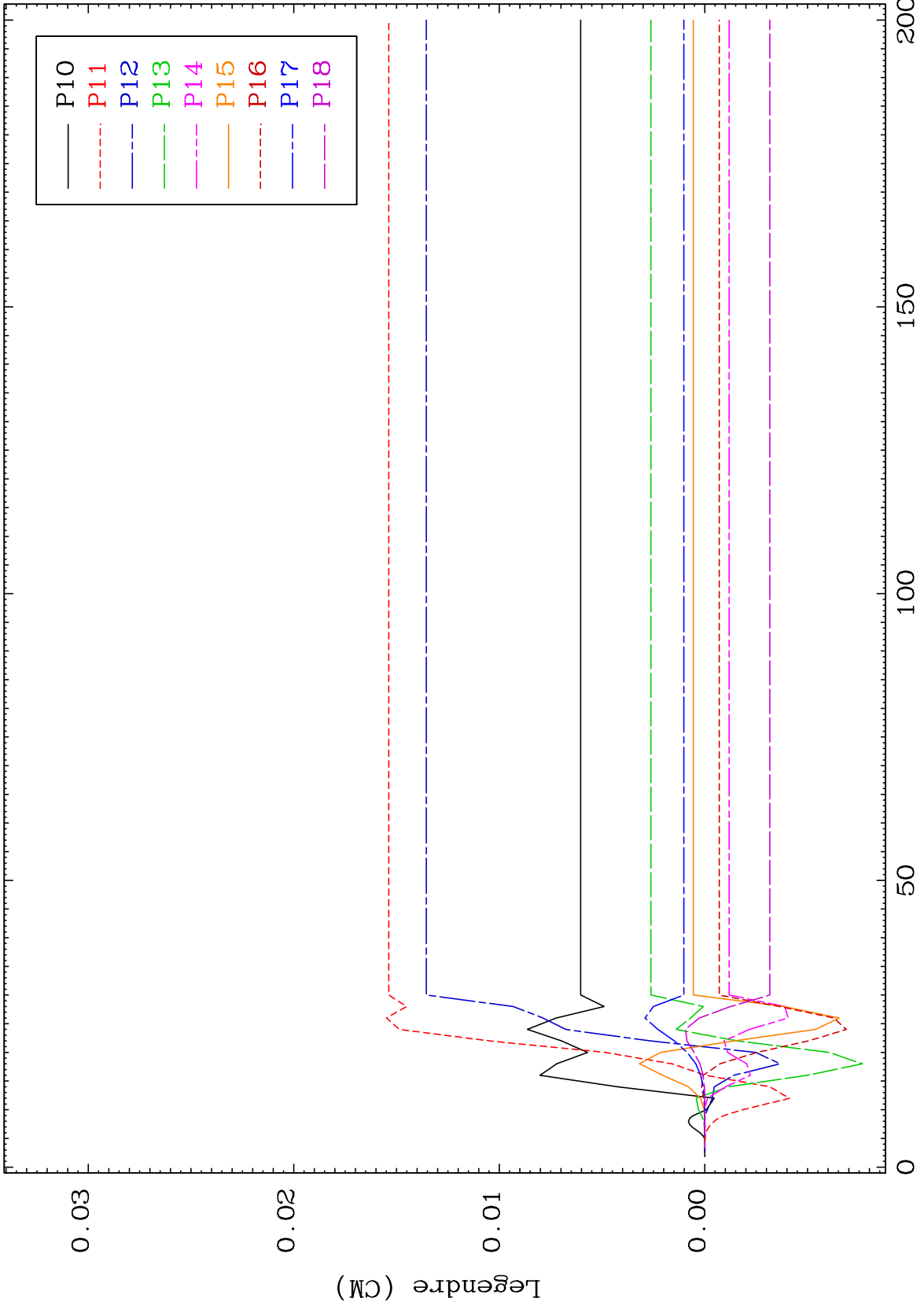


73

Incident Energy (MeV)

64-Gd-152

MAT 6425 MT= 65 (n,n') Level Legendre Coefficients 64-Gd-152

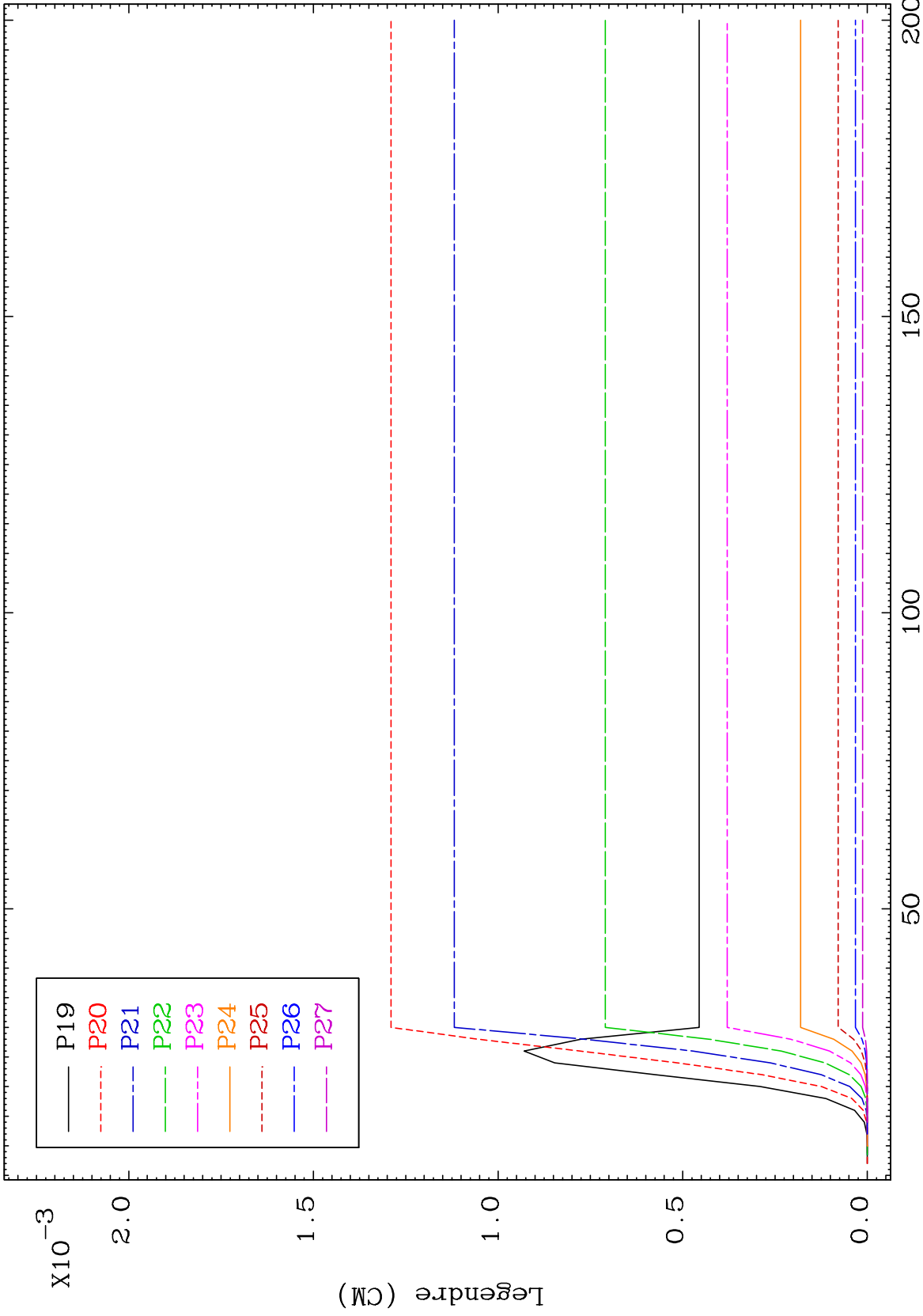


74 64-Gd-152

MAT 6425

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

64-Gd-152



75

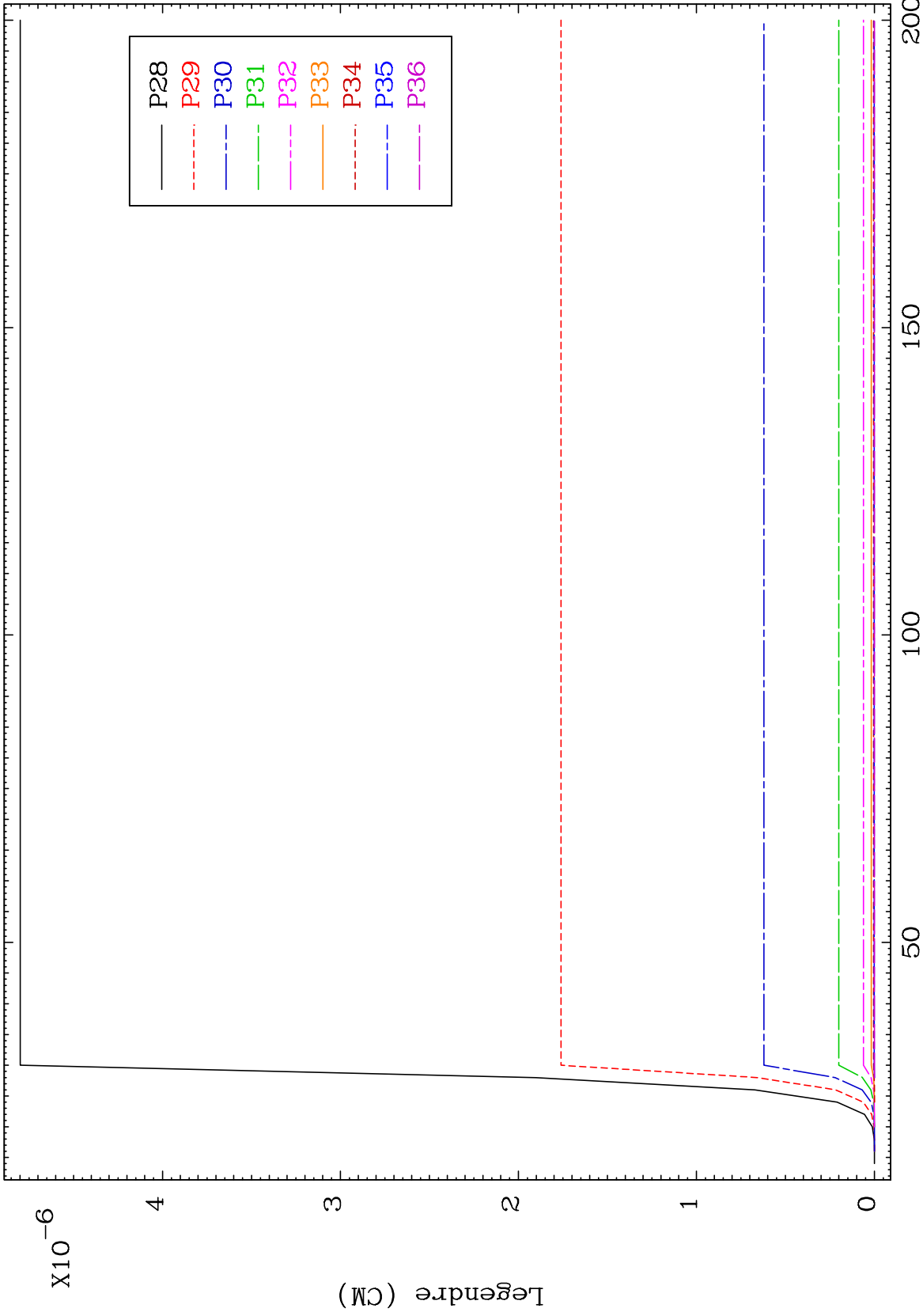
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



76

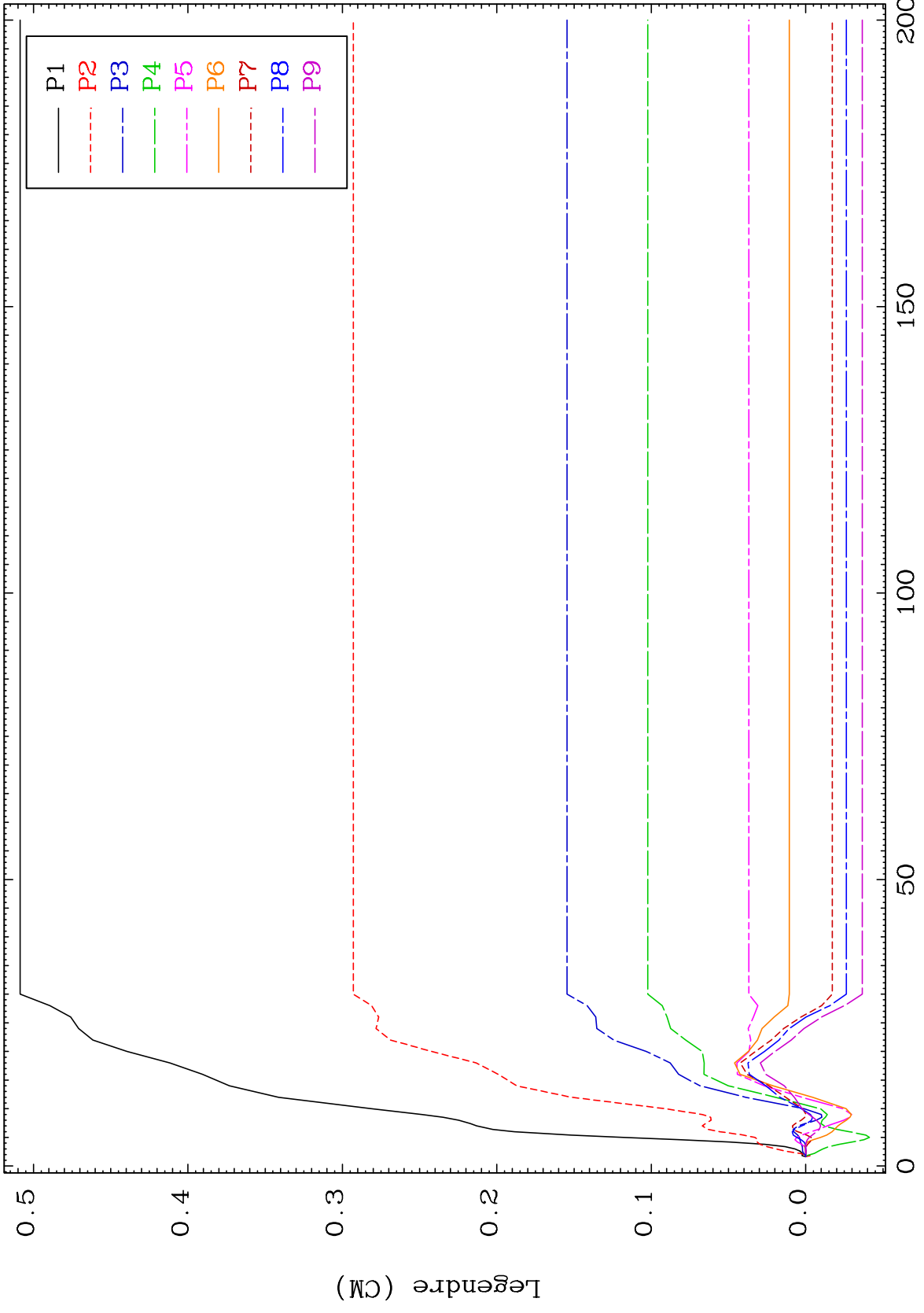
64-Gd-152

64-Gd-152

MAT 6425

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

64-Gd-152



77

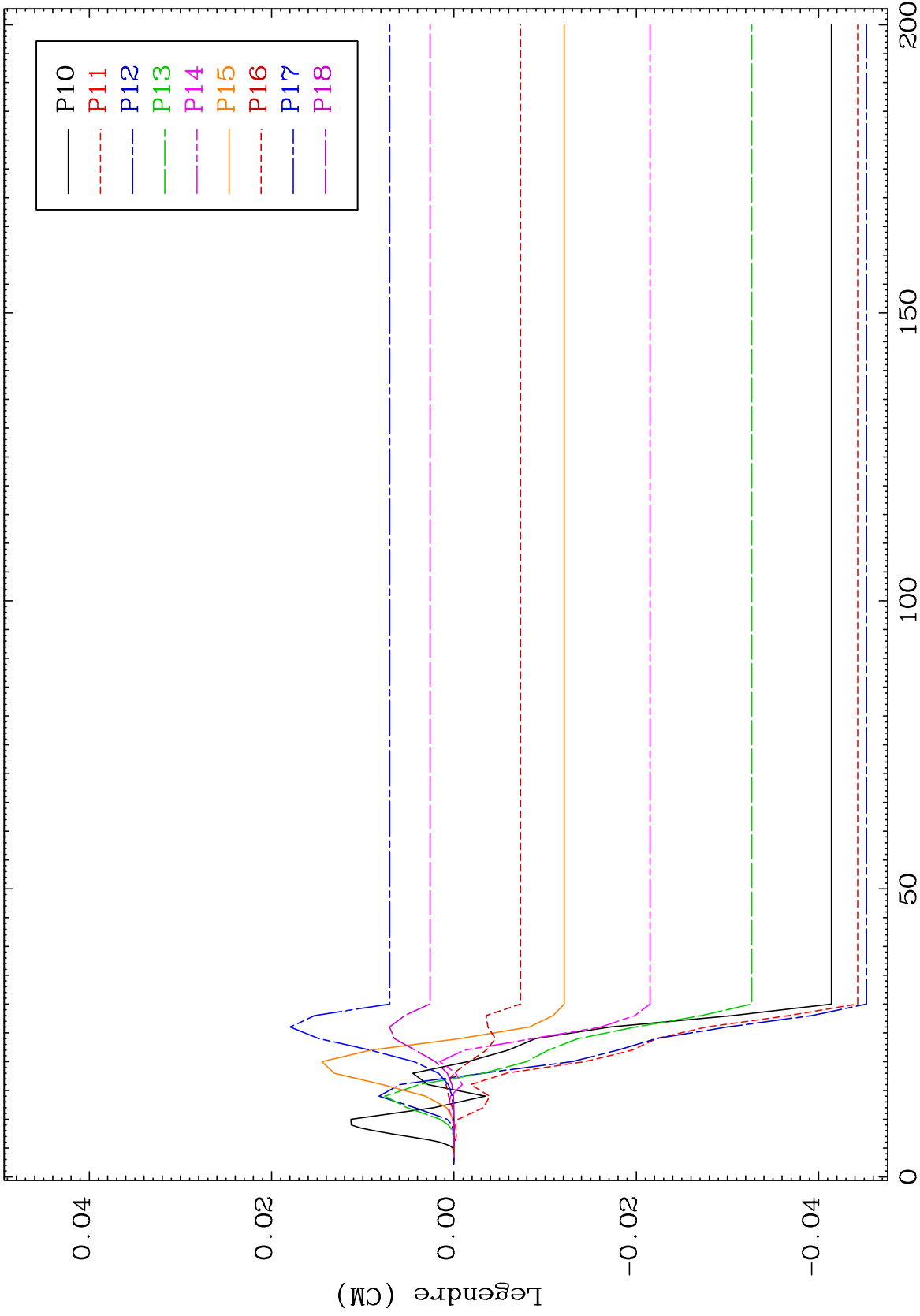
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



78

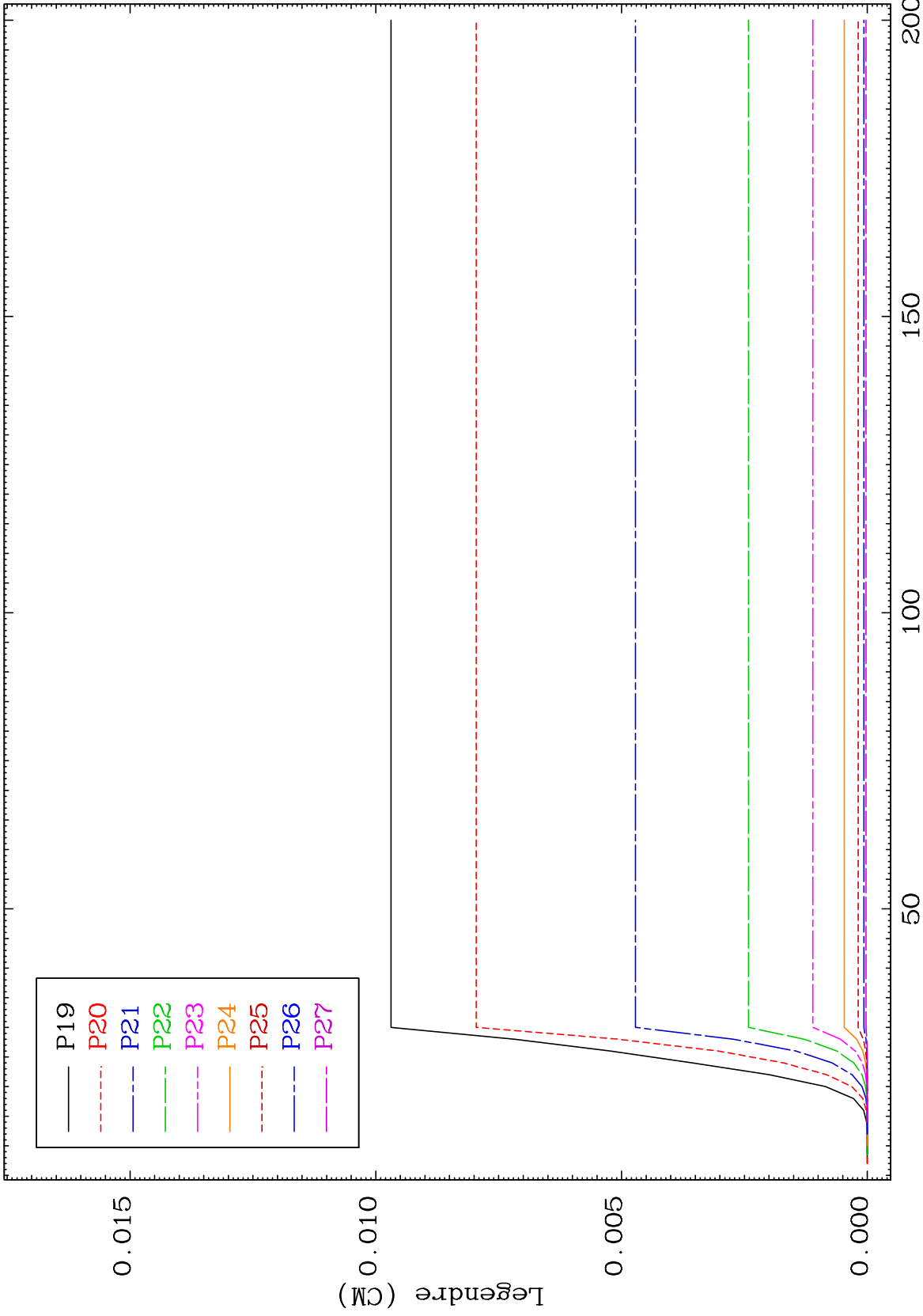
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



79

Incident Energy (MeV)

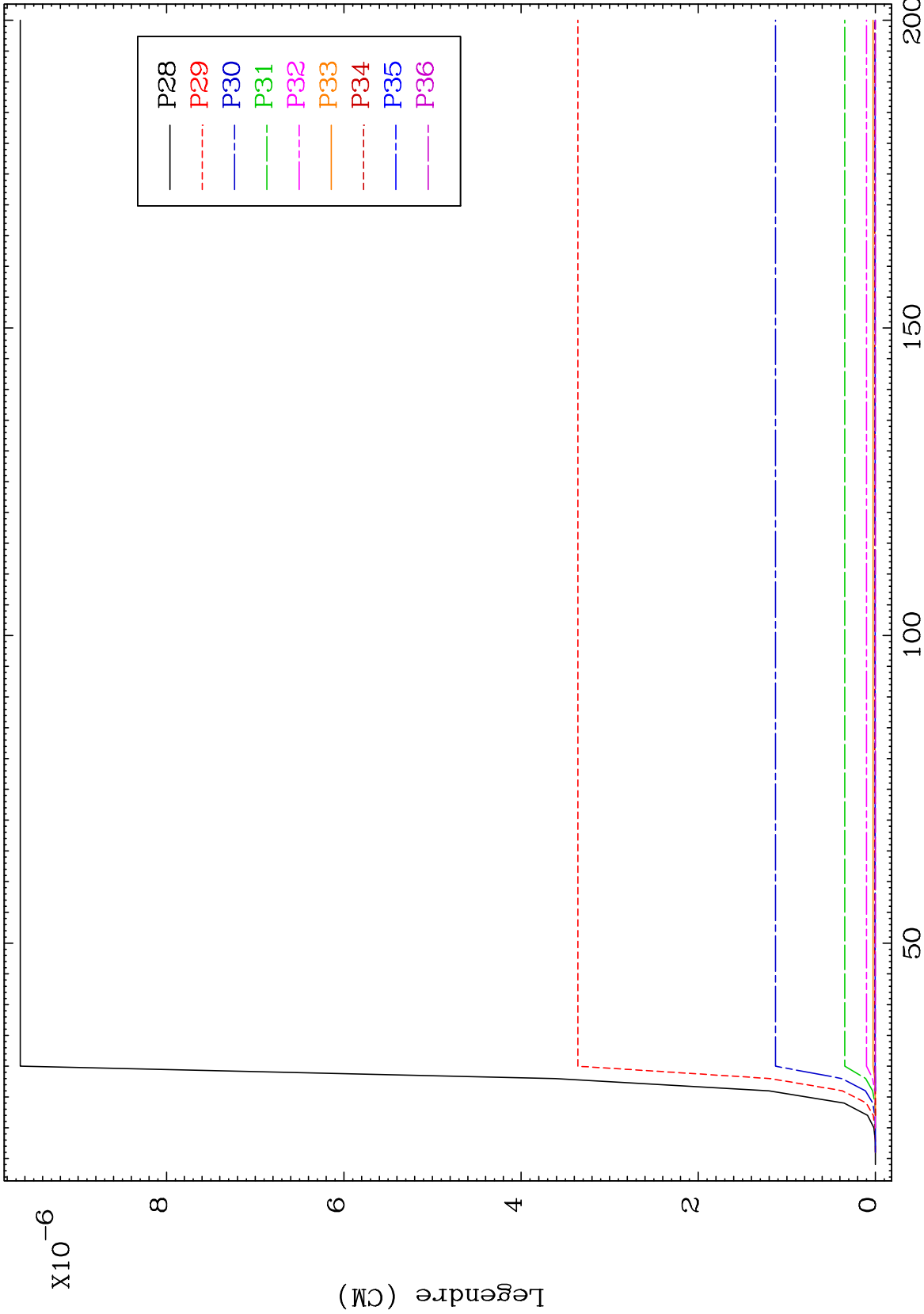
64-Gd-152



MAT 6425

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

64-Gd-152

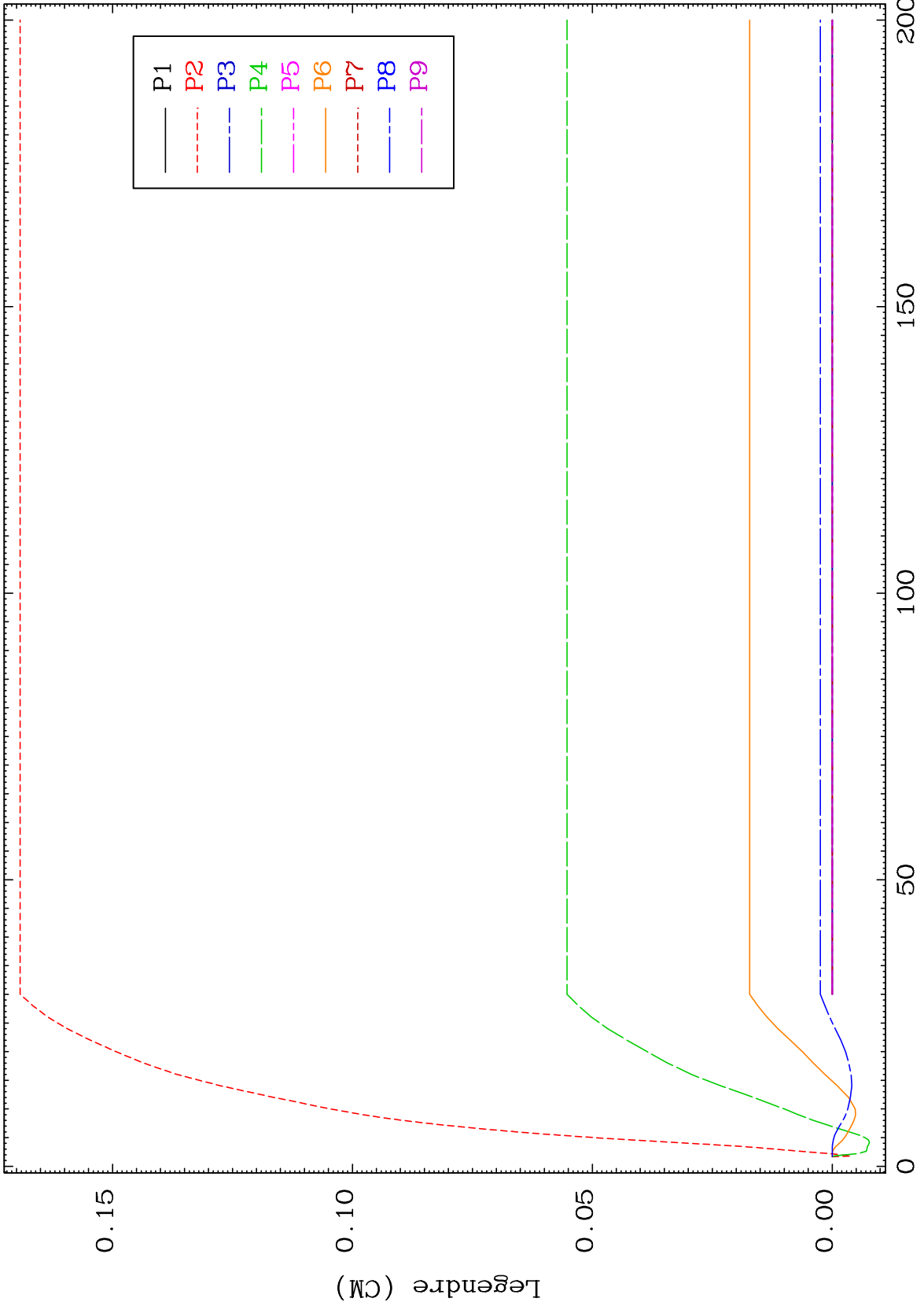


80

Incident Energy (MeV)

64-Gd-152

MAT 6425 MT= 67 (n,n') Level Legendre Coefficients 64-Gd-152

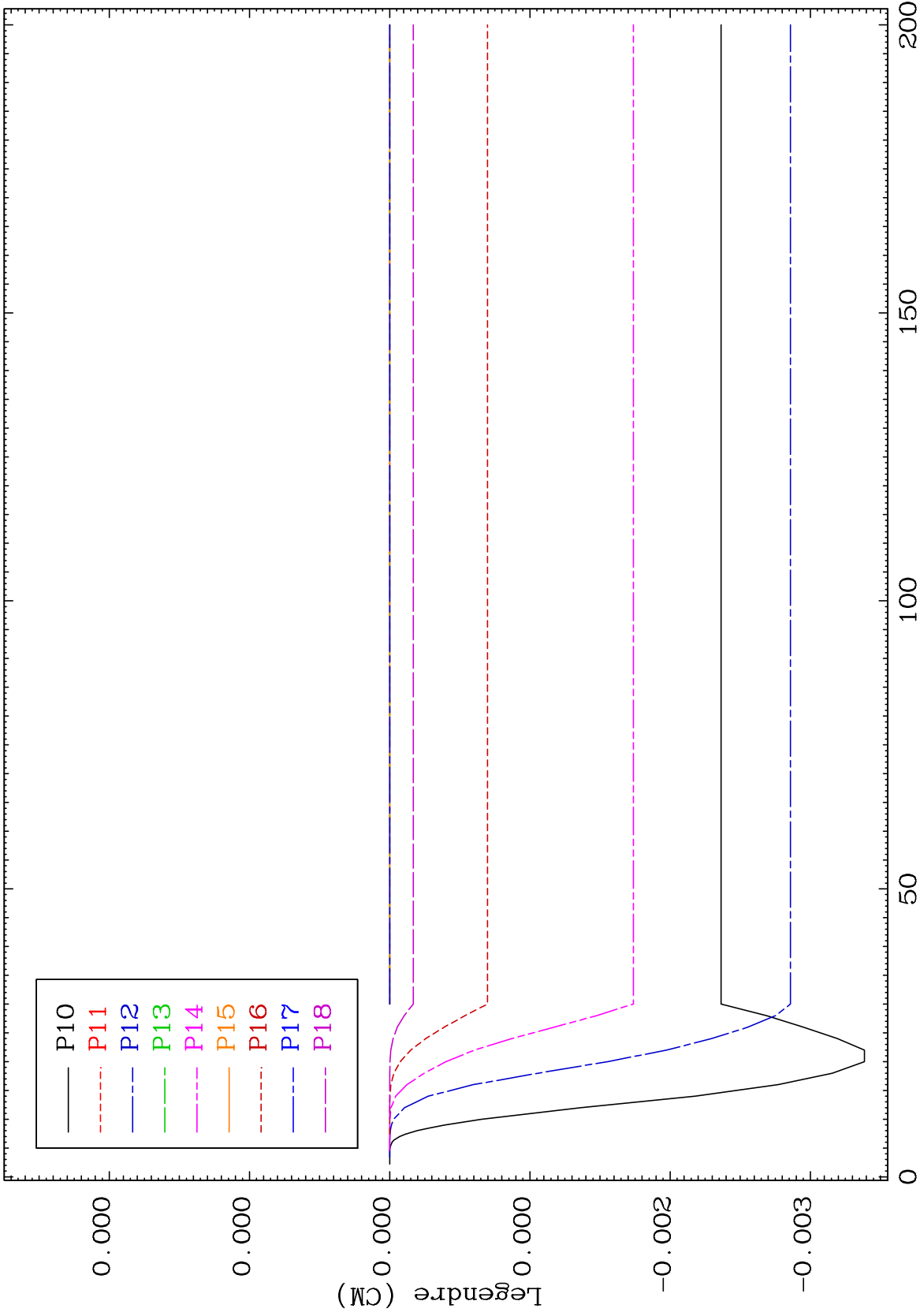


81 64-Gd-152

MAT 6425

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

64-Gd-152



82

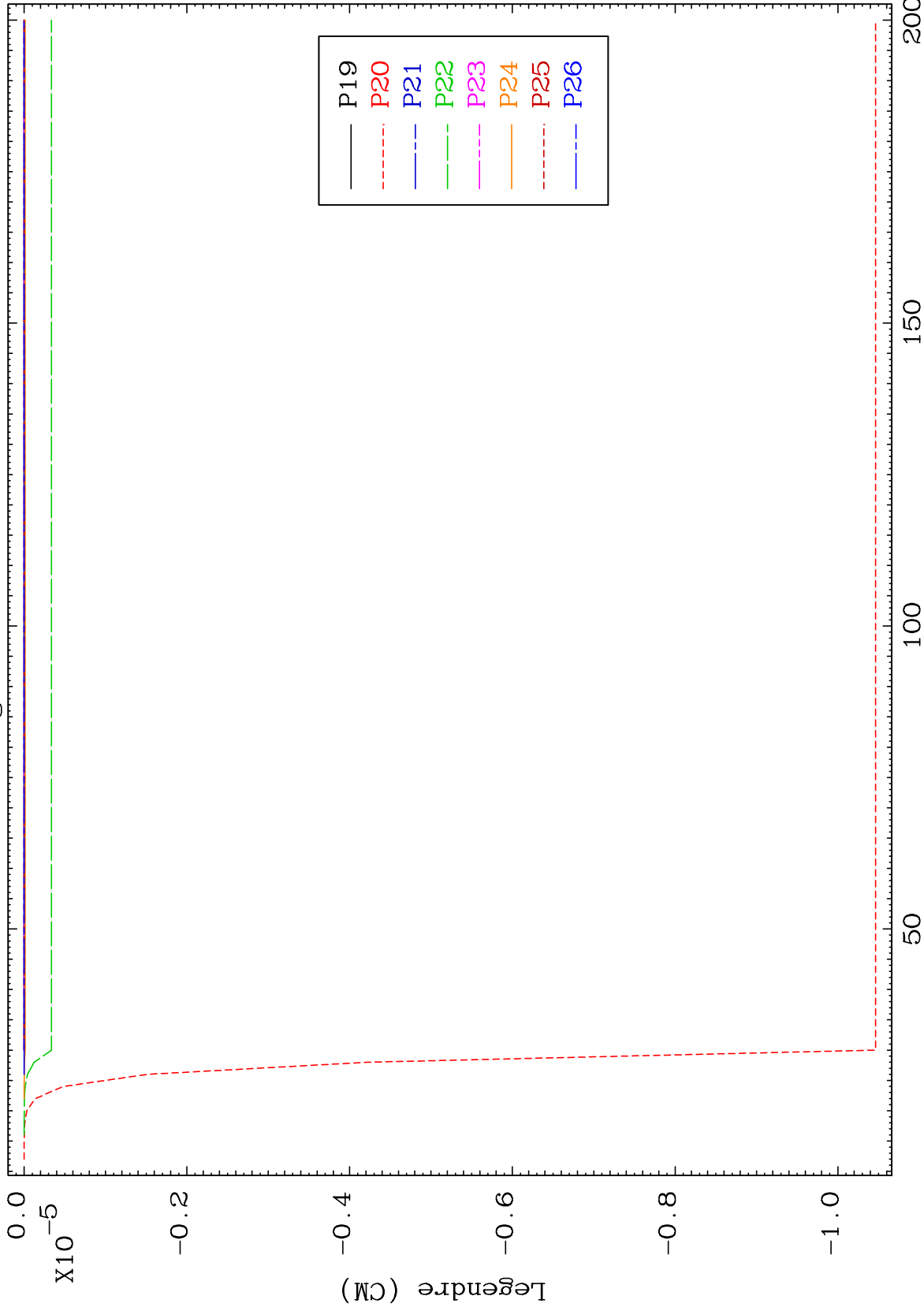
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



83

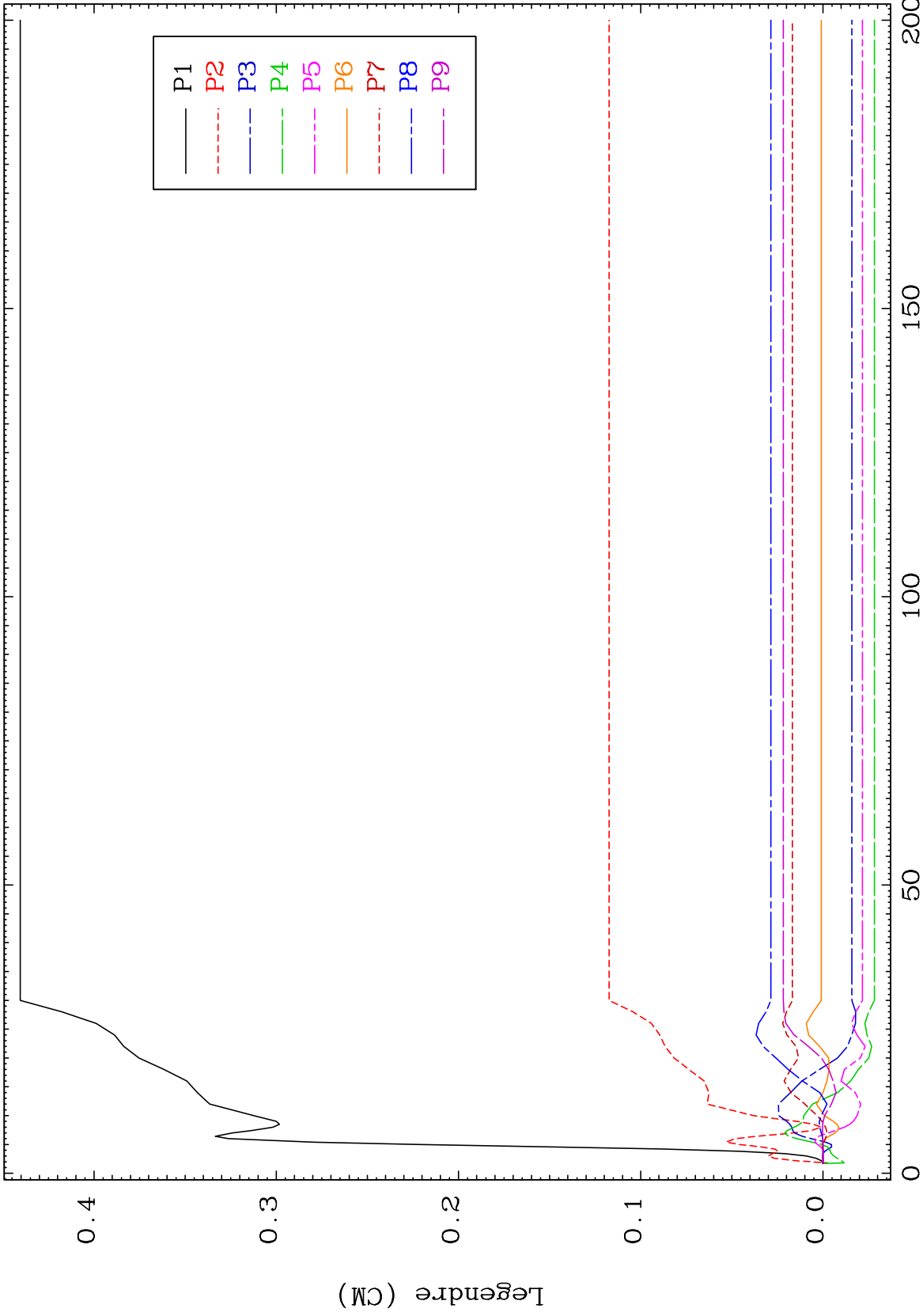
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



84

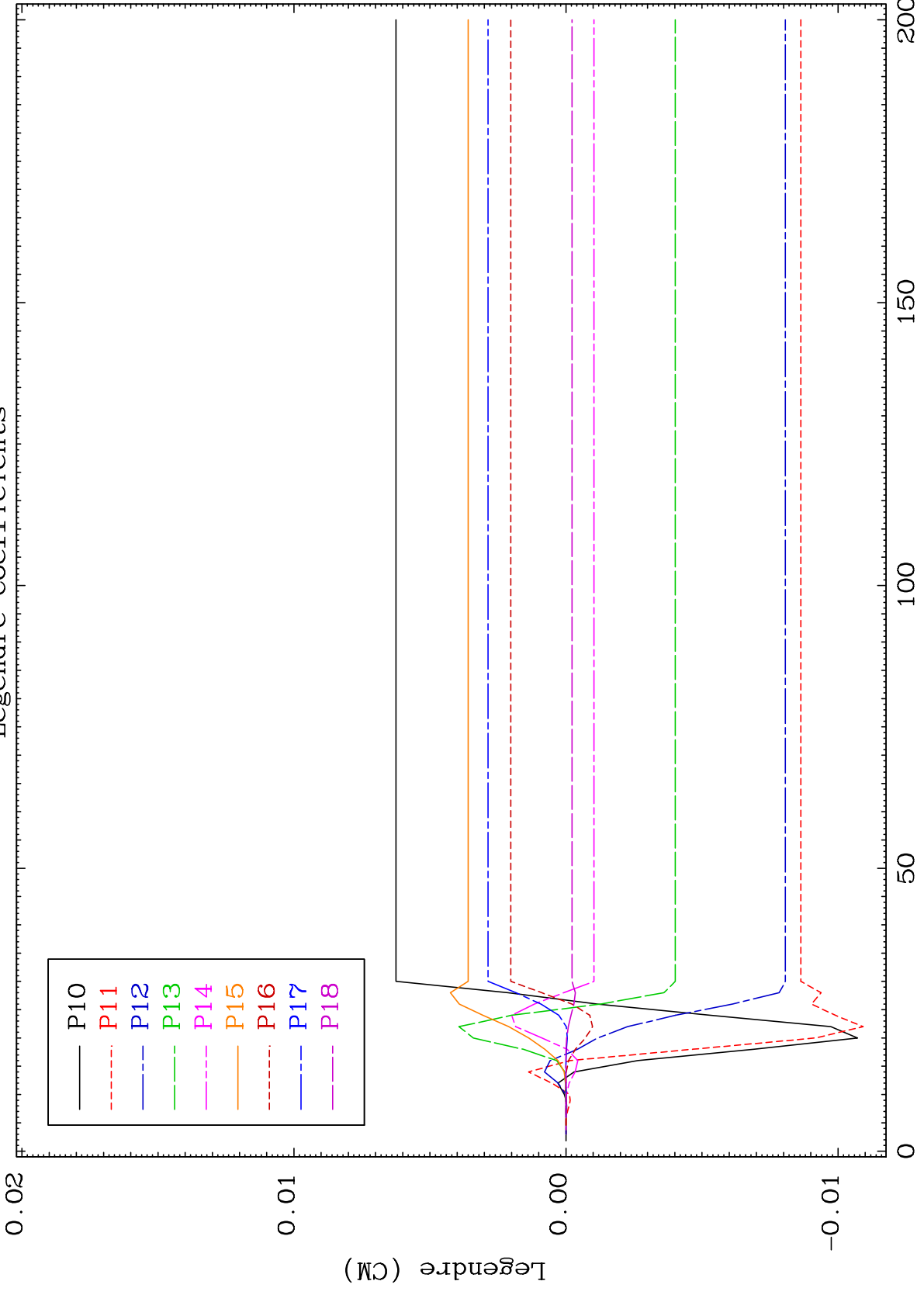
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



85

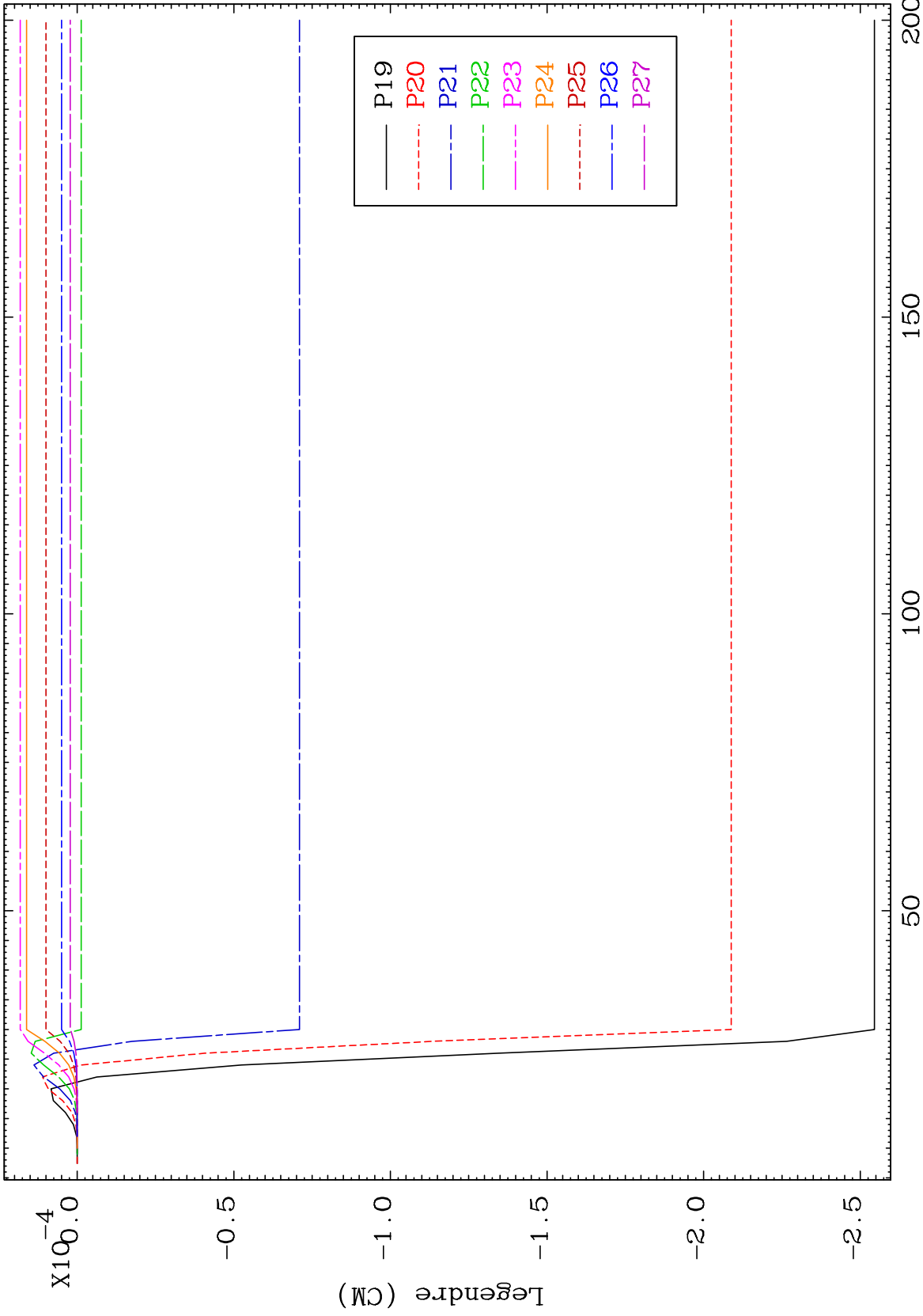
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

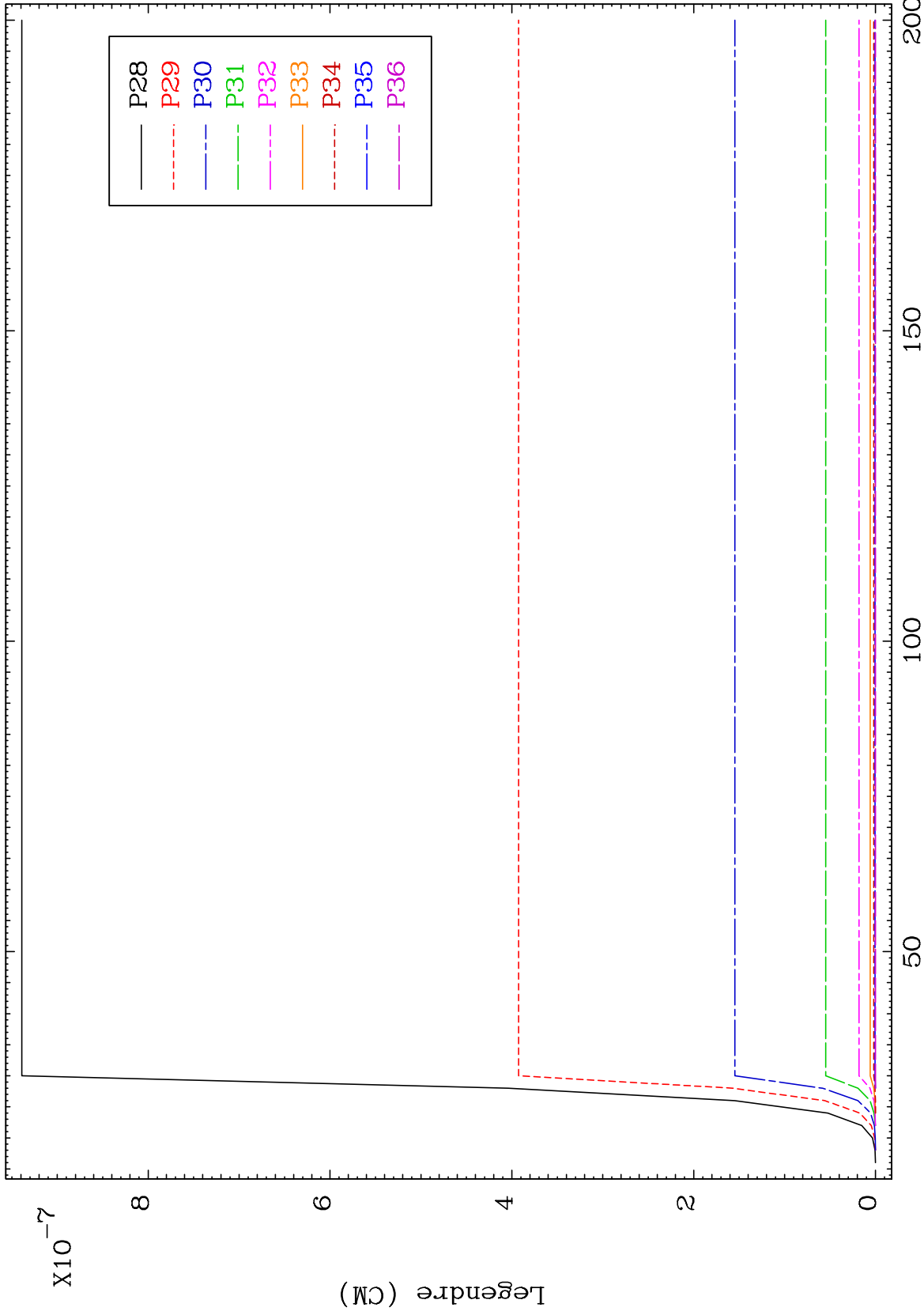
Incident Energy (MeV)

86

MAT 6425

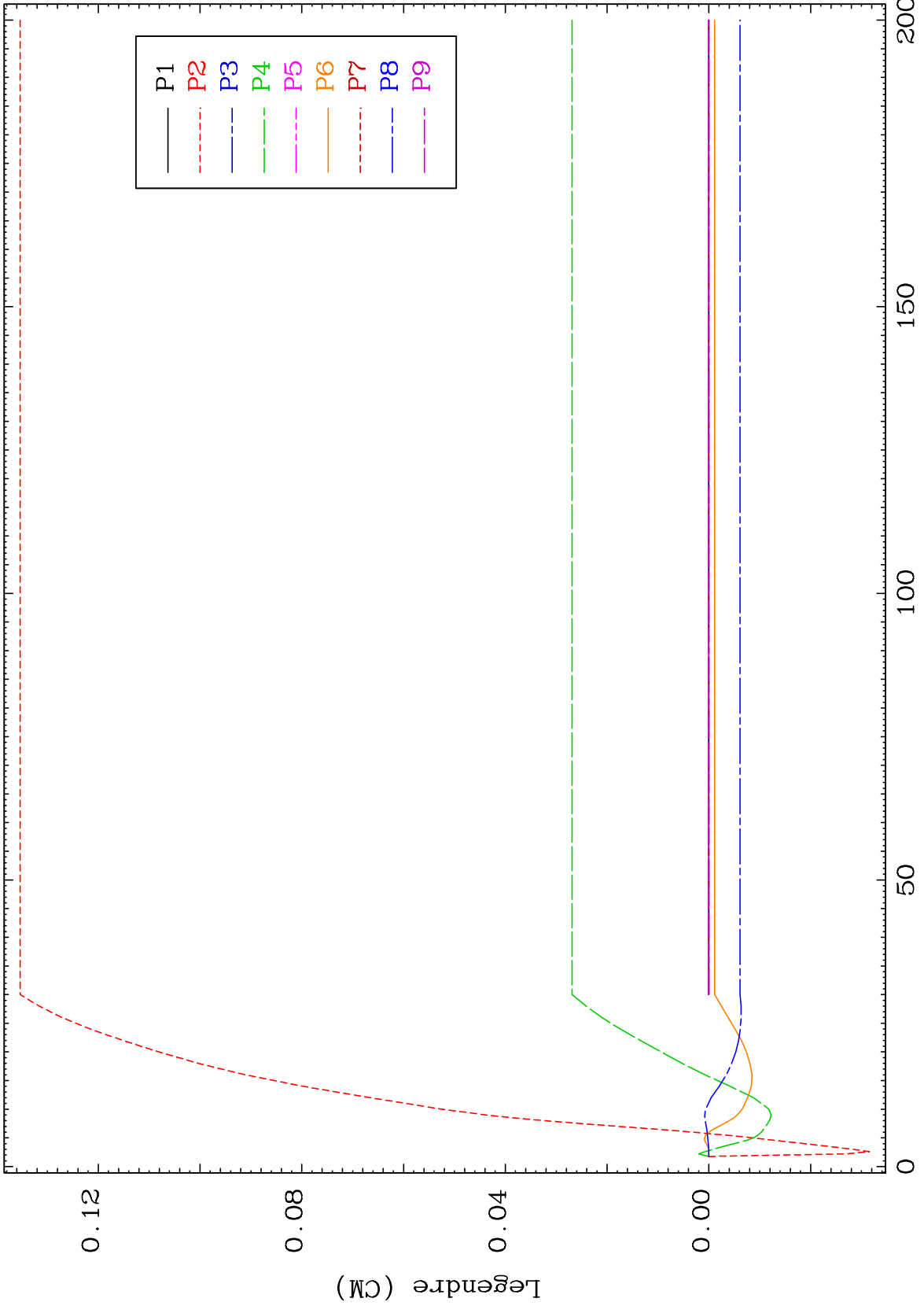
MT= 68 (n,n') Level  
Legendre Coefficients

64-Gd-152





MAT 6425 MT= 69 (n,n') Level Legendre Coefficients 64-Gd-152

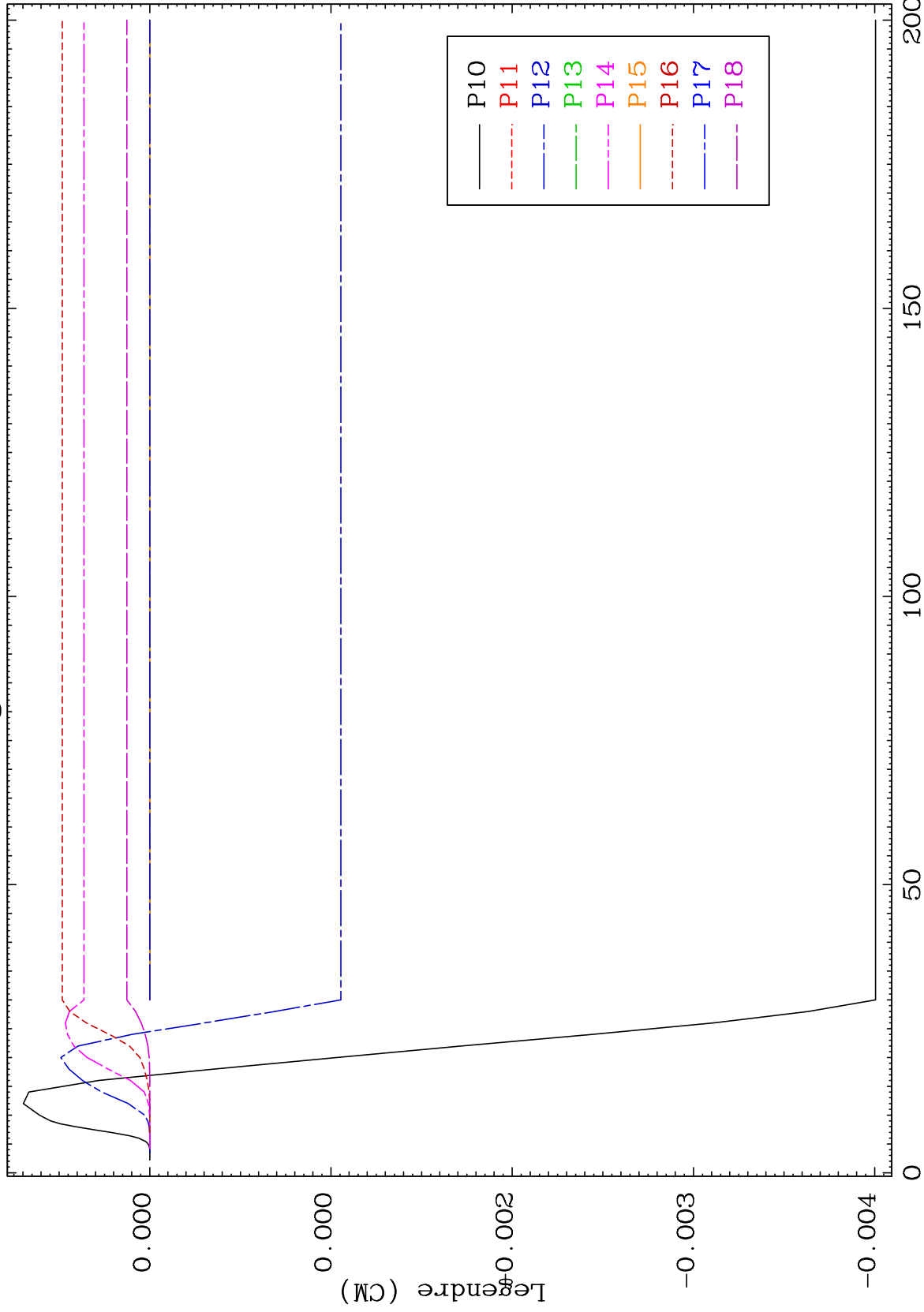


88 64-Gd-152

MAT 6425

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

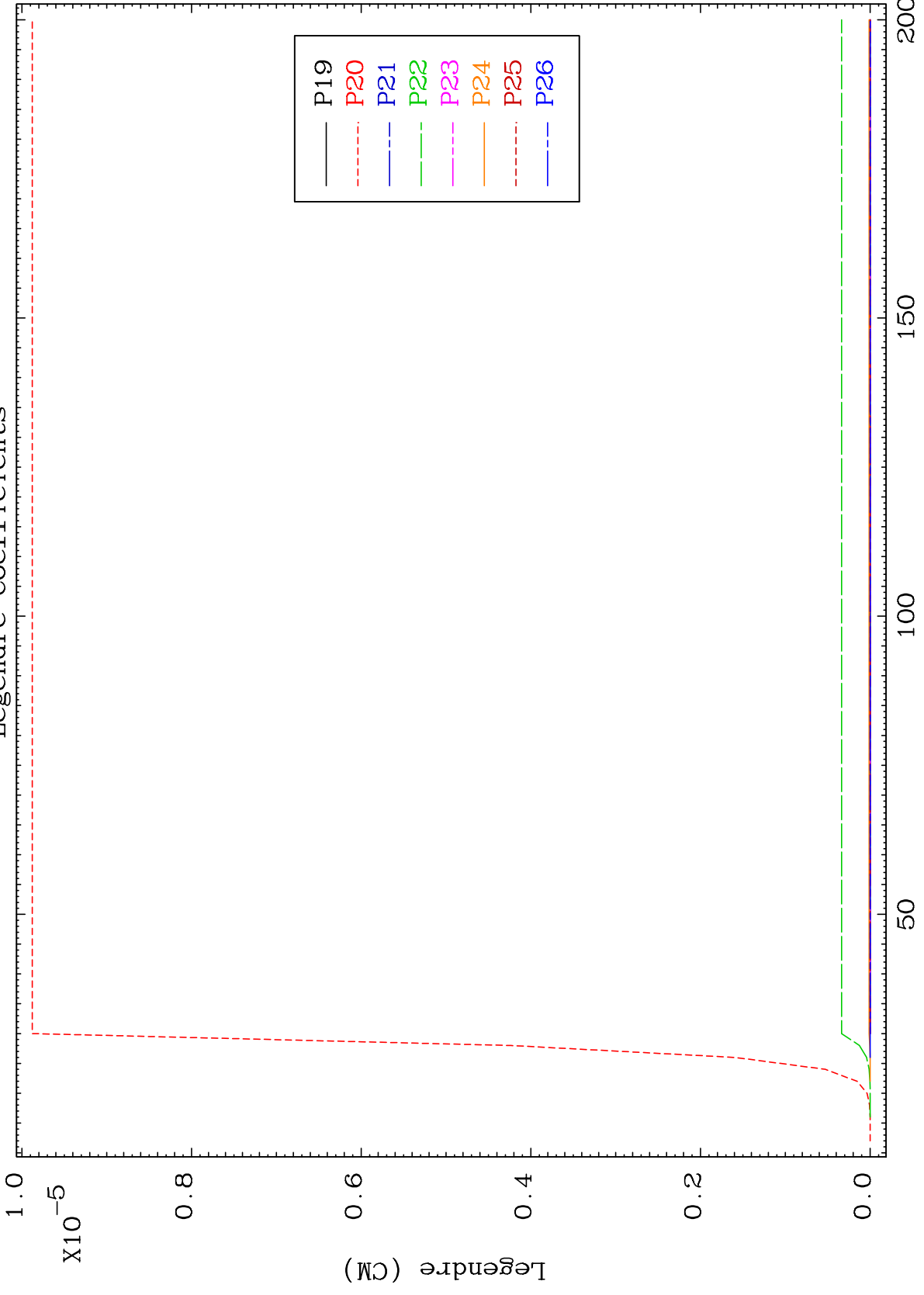
64-Gd-152



89

64-Gd-152

MAT 6425 MT= 69 (n,n') Level Legendre Coefficients 64-Gd-152

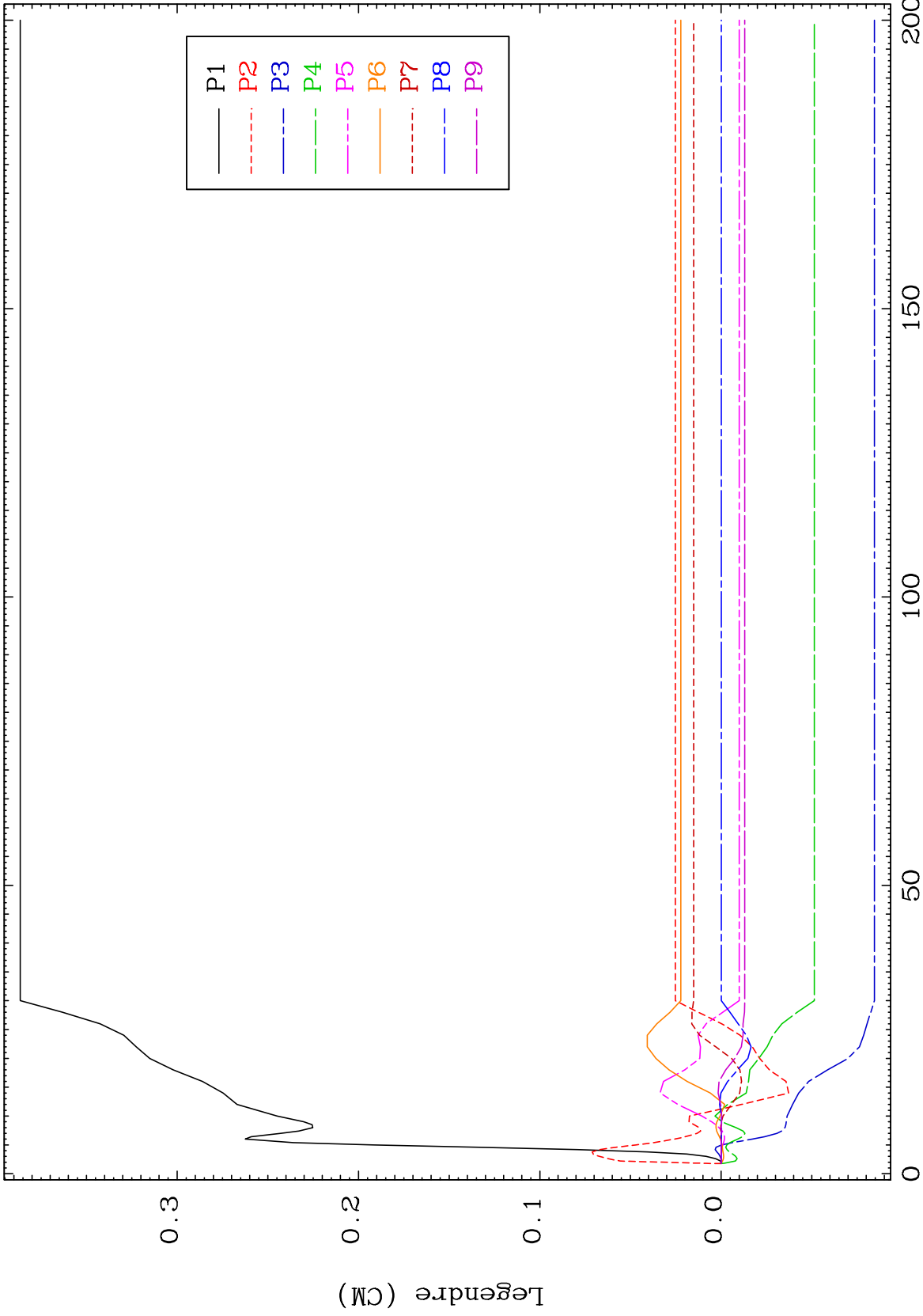


64-Gd-152

MAT 6425

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

64-Gd-152



91

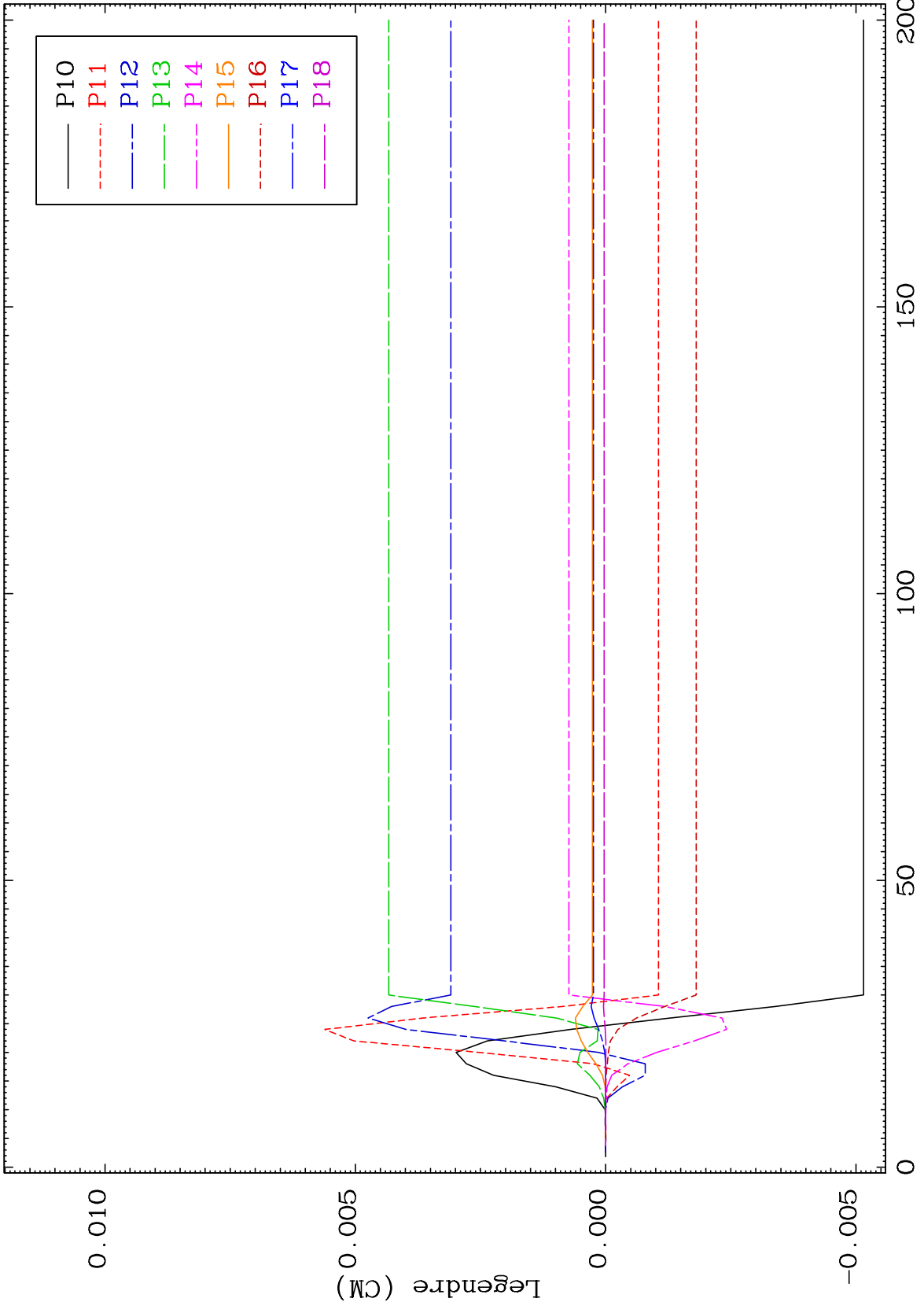
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



92

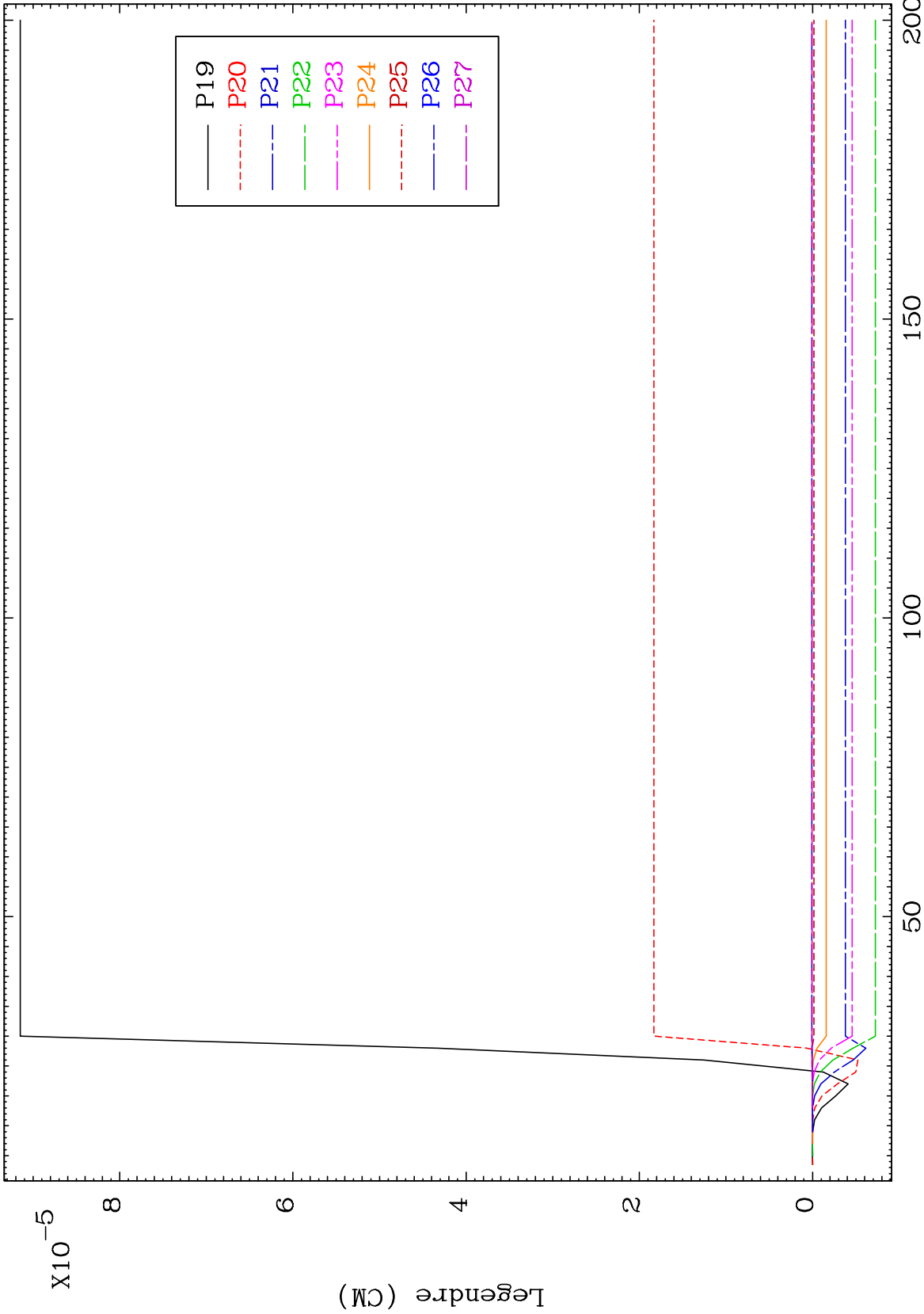
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



93

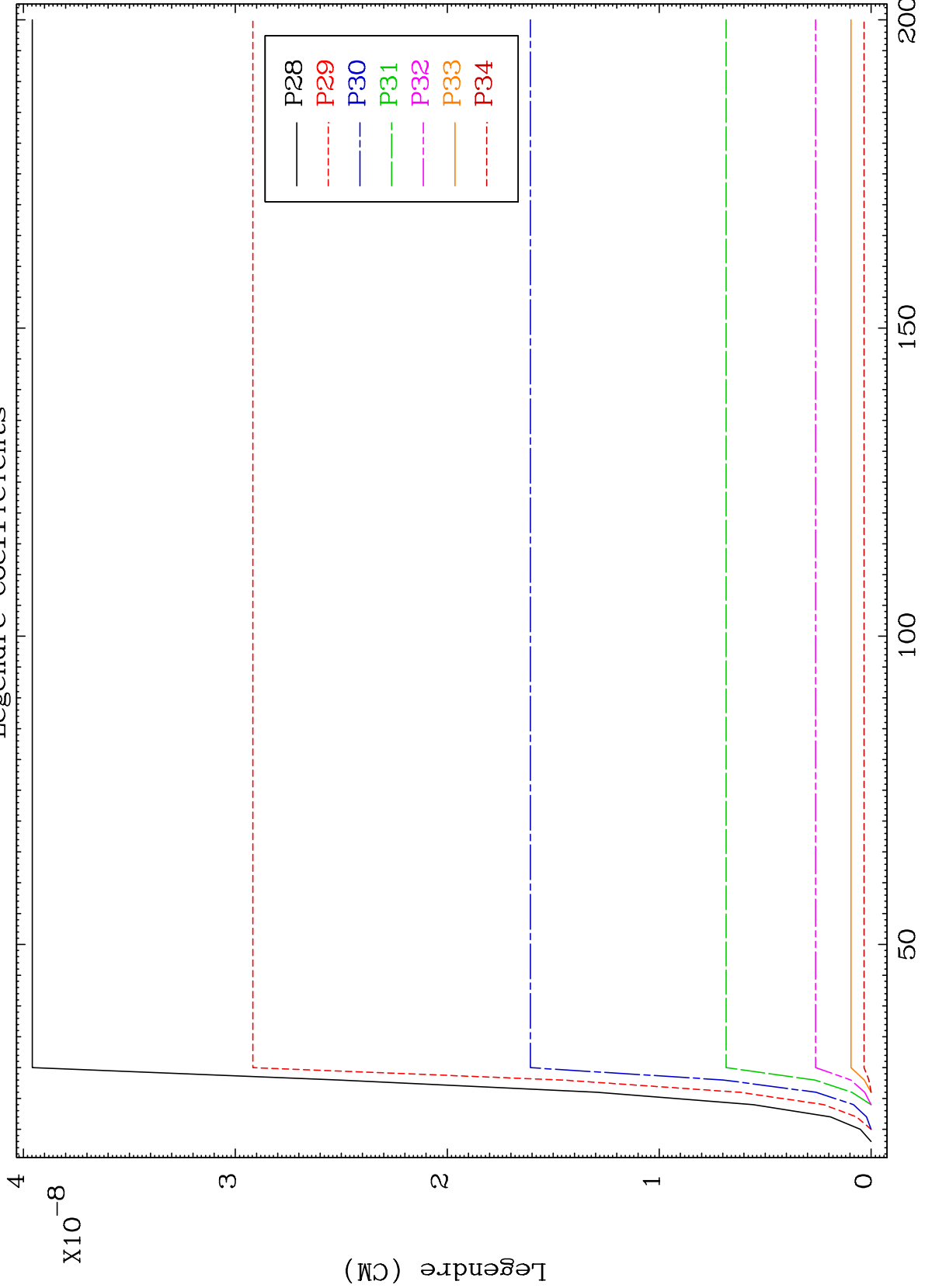
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



94

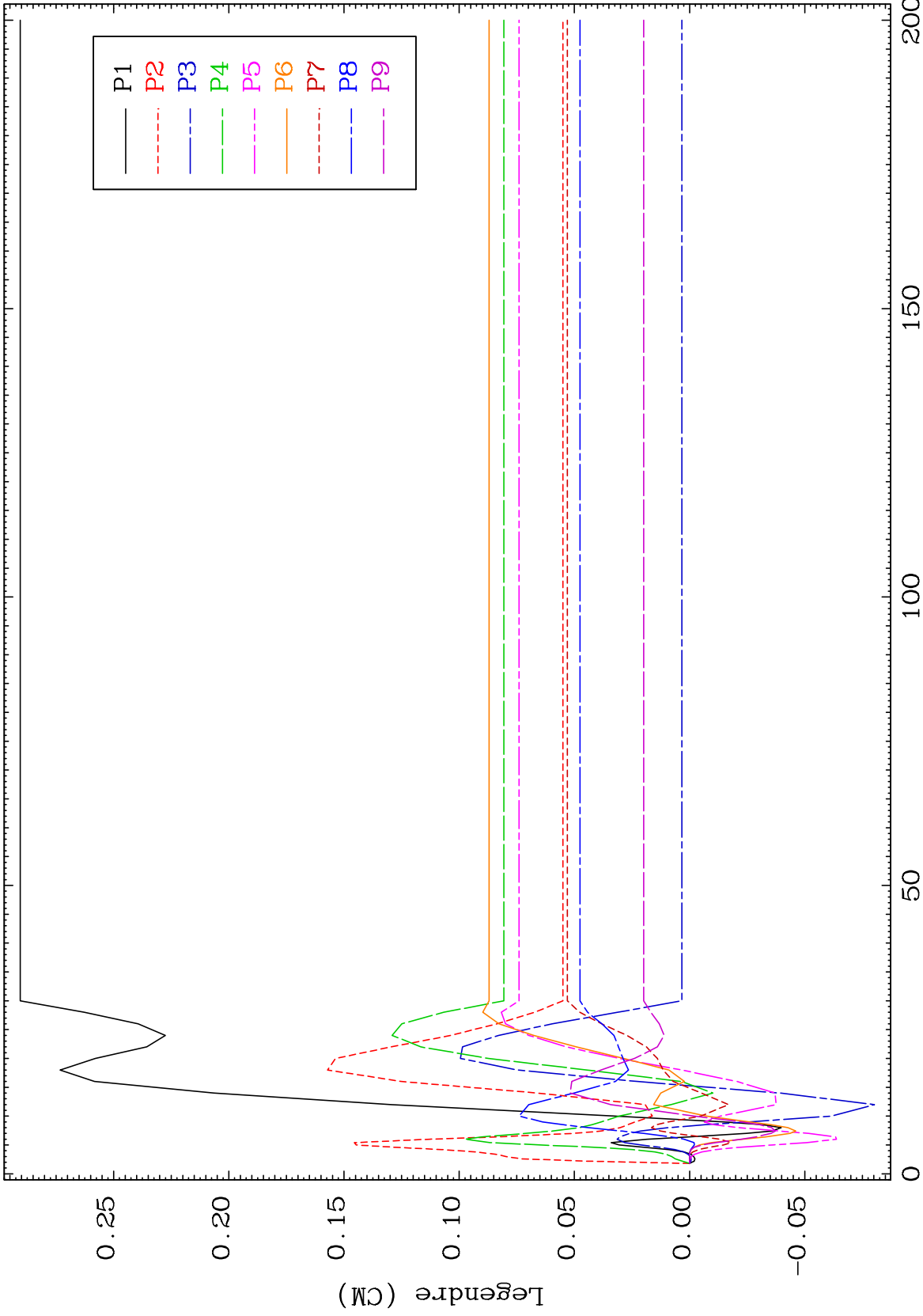
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



95

Incident Energy (MeV)

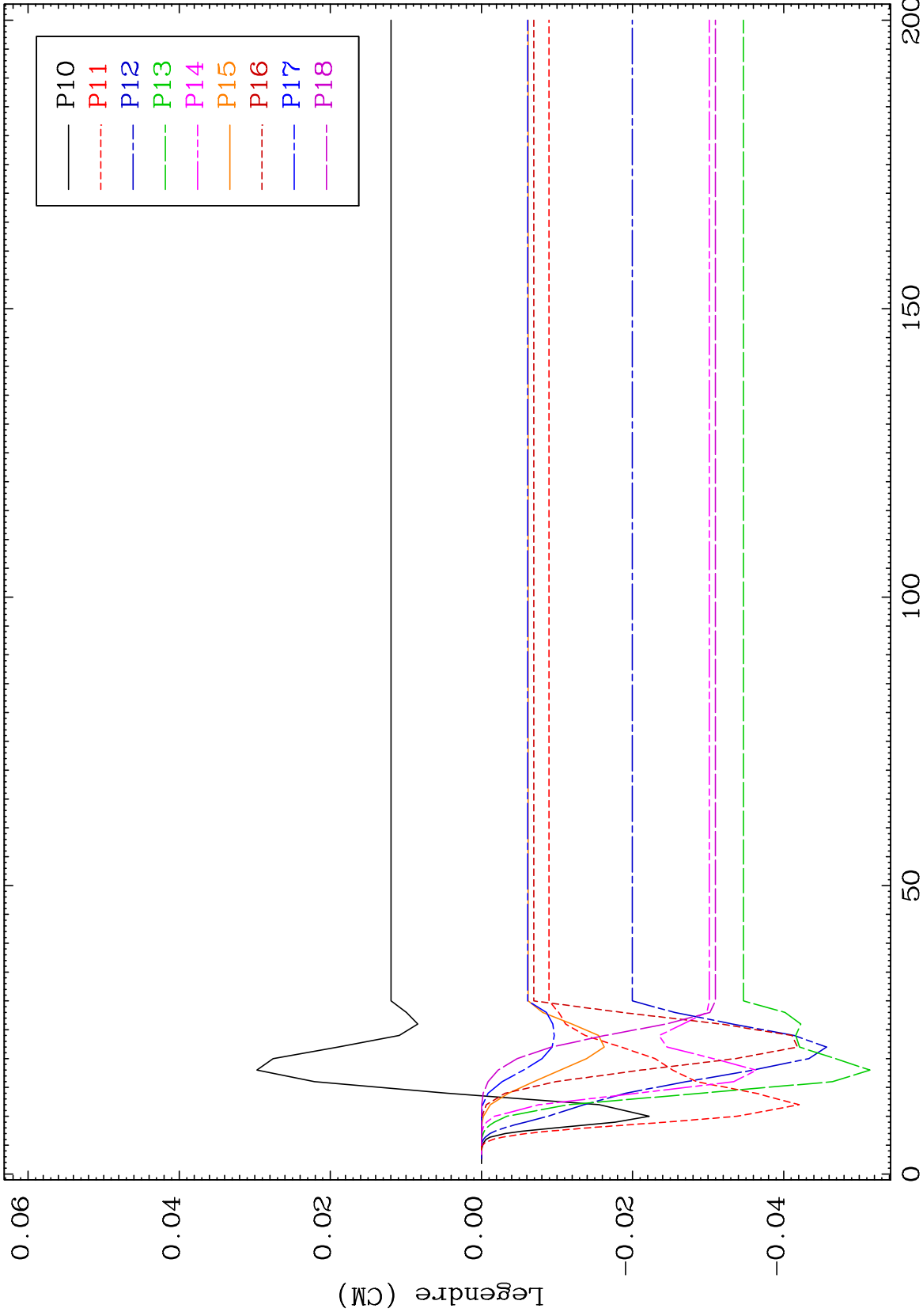
64-Gd-152



MAT 6425

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

64-Gd-152



96

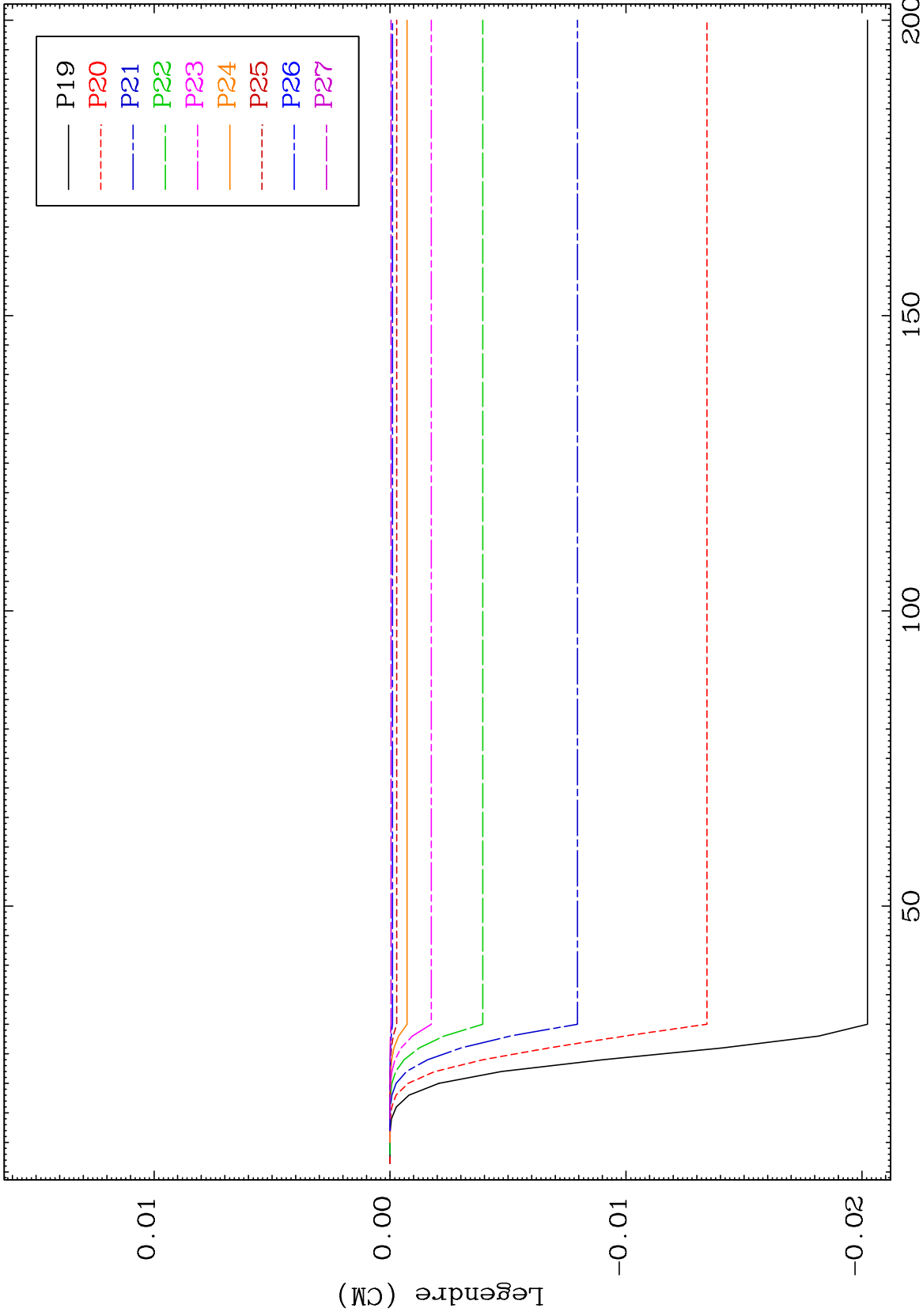
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



97

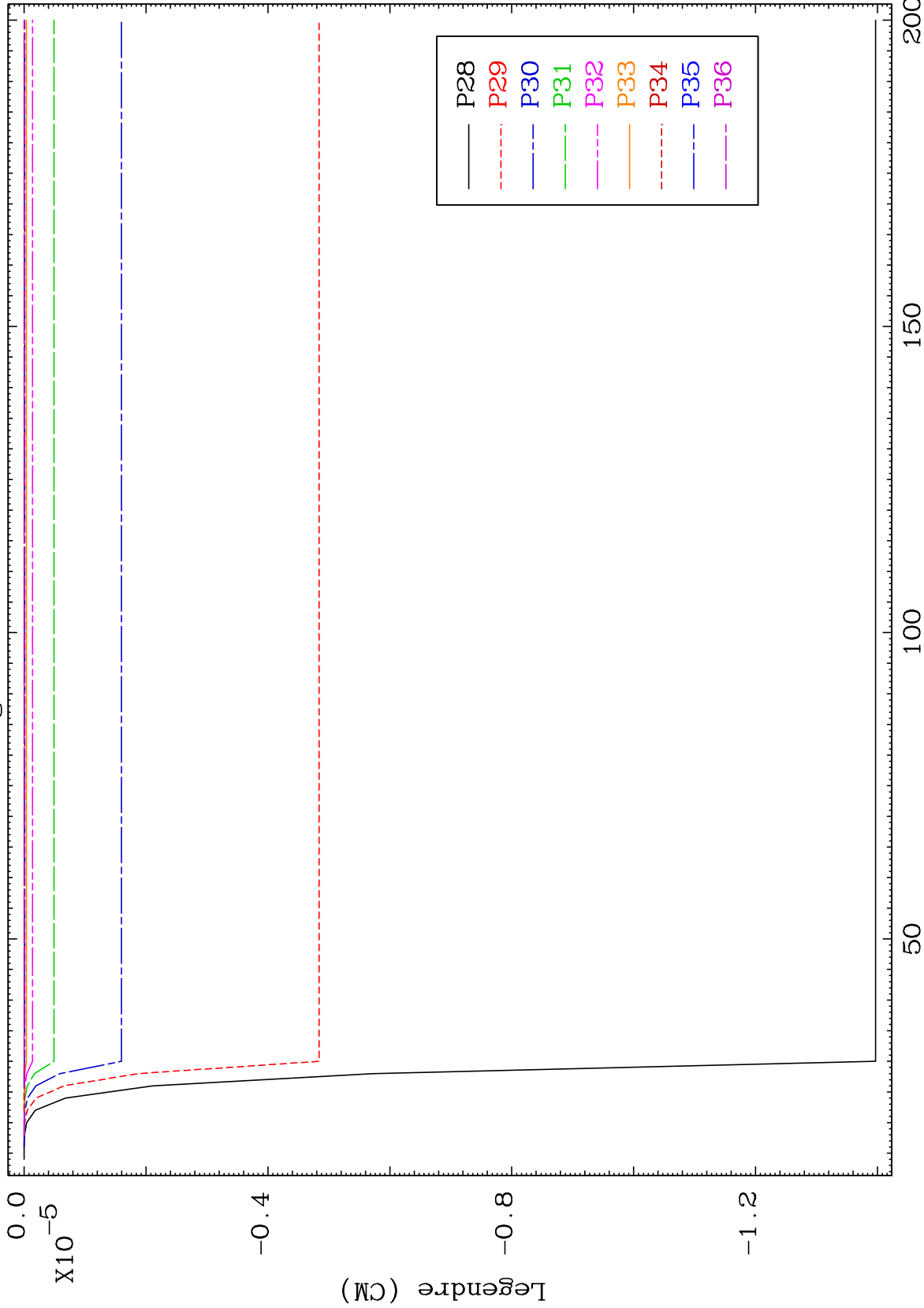
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



98

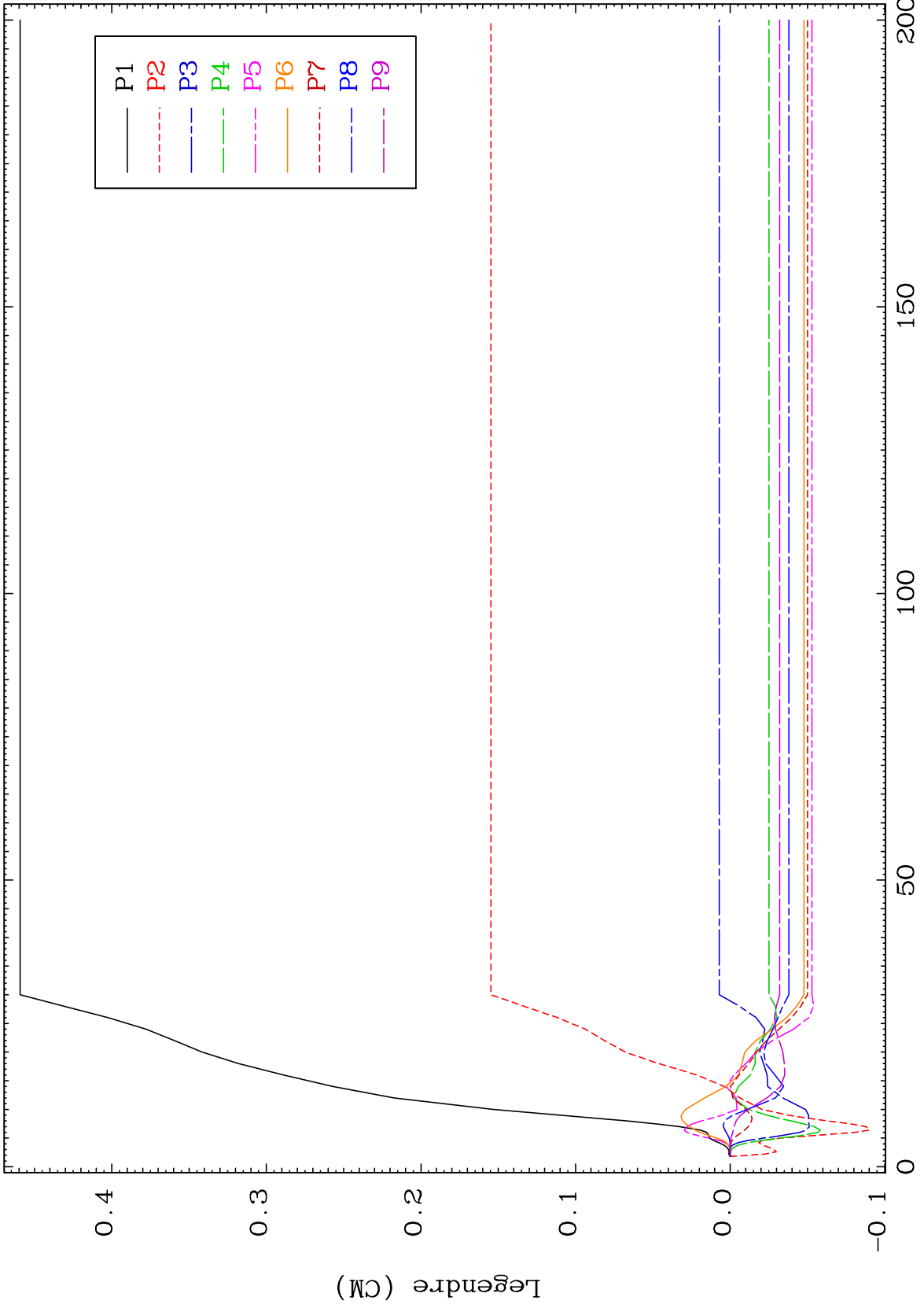
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



99

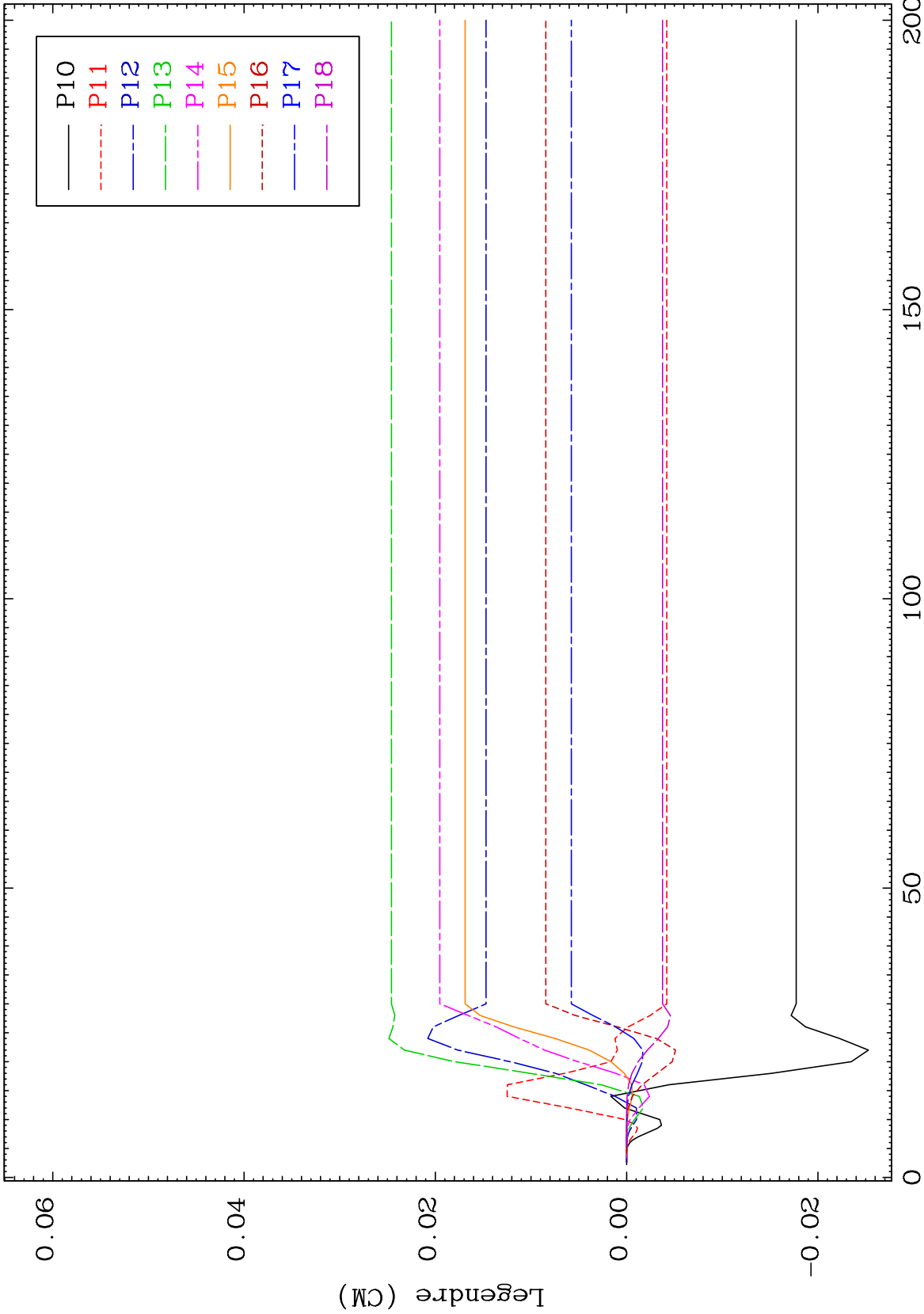
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

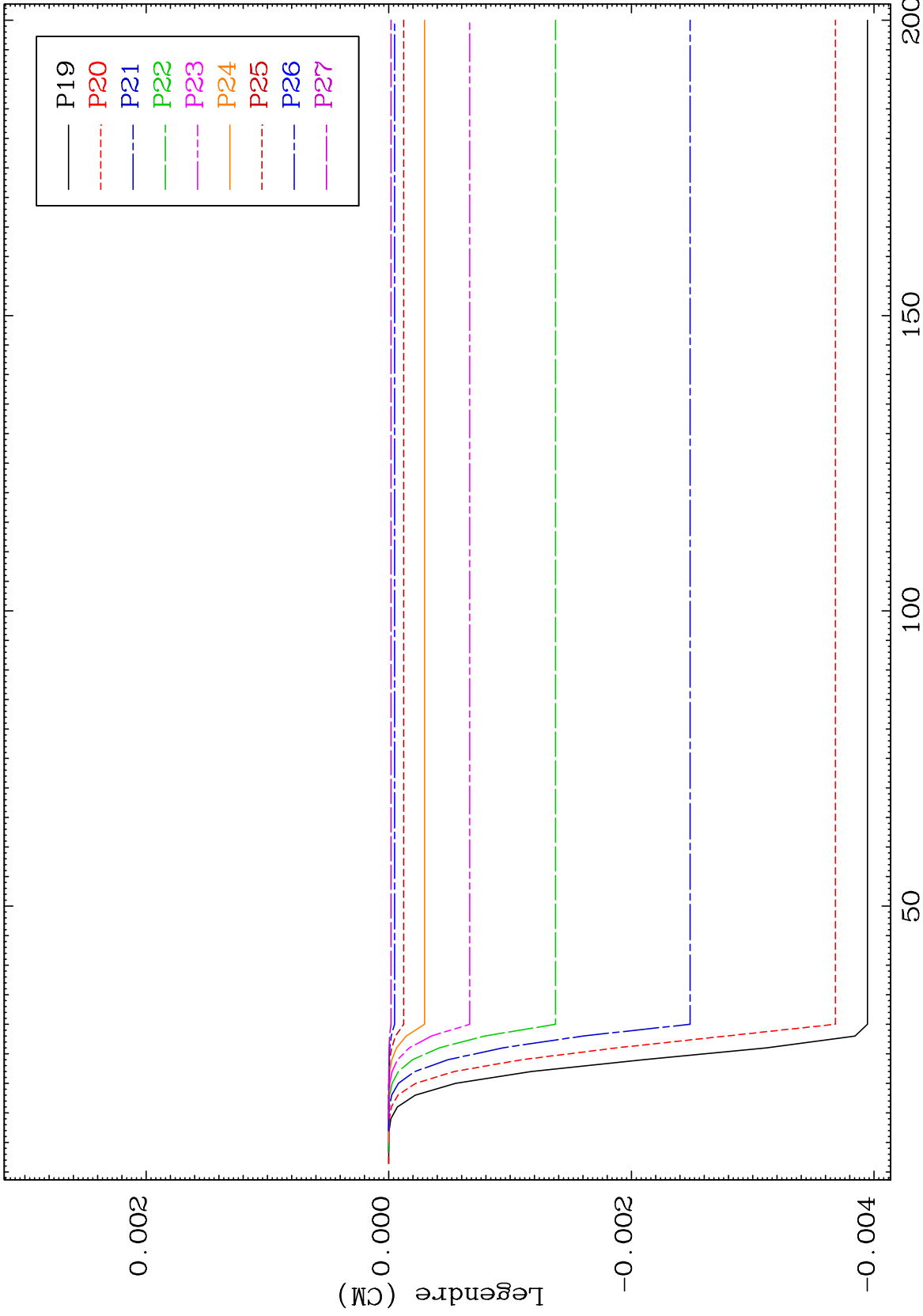
Incident Energy (MeV)

Legendre (CM)

MAT 6425

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

64-Gd-152



101

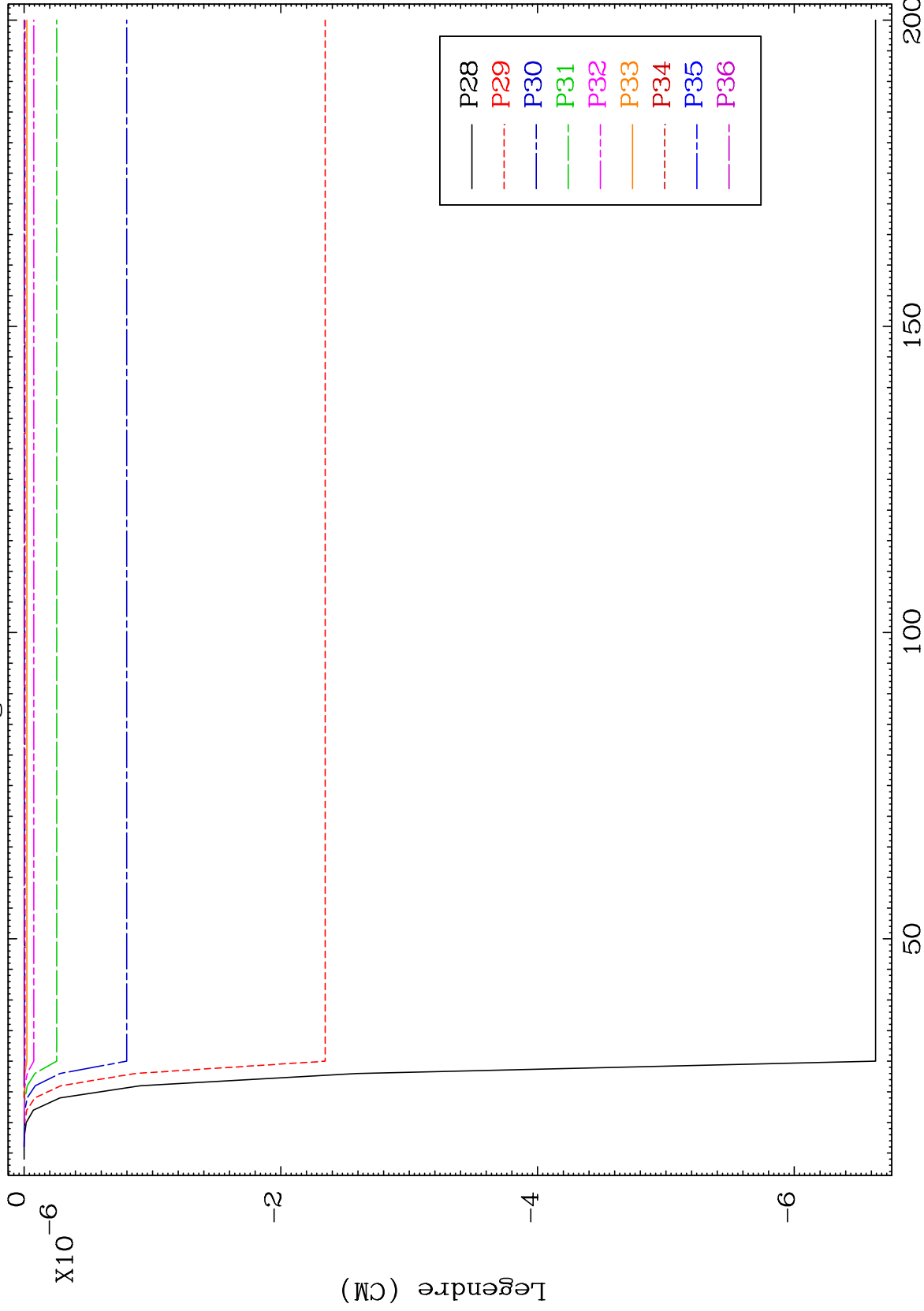
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

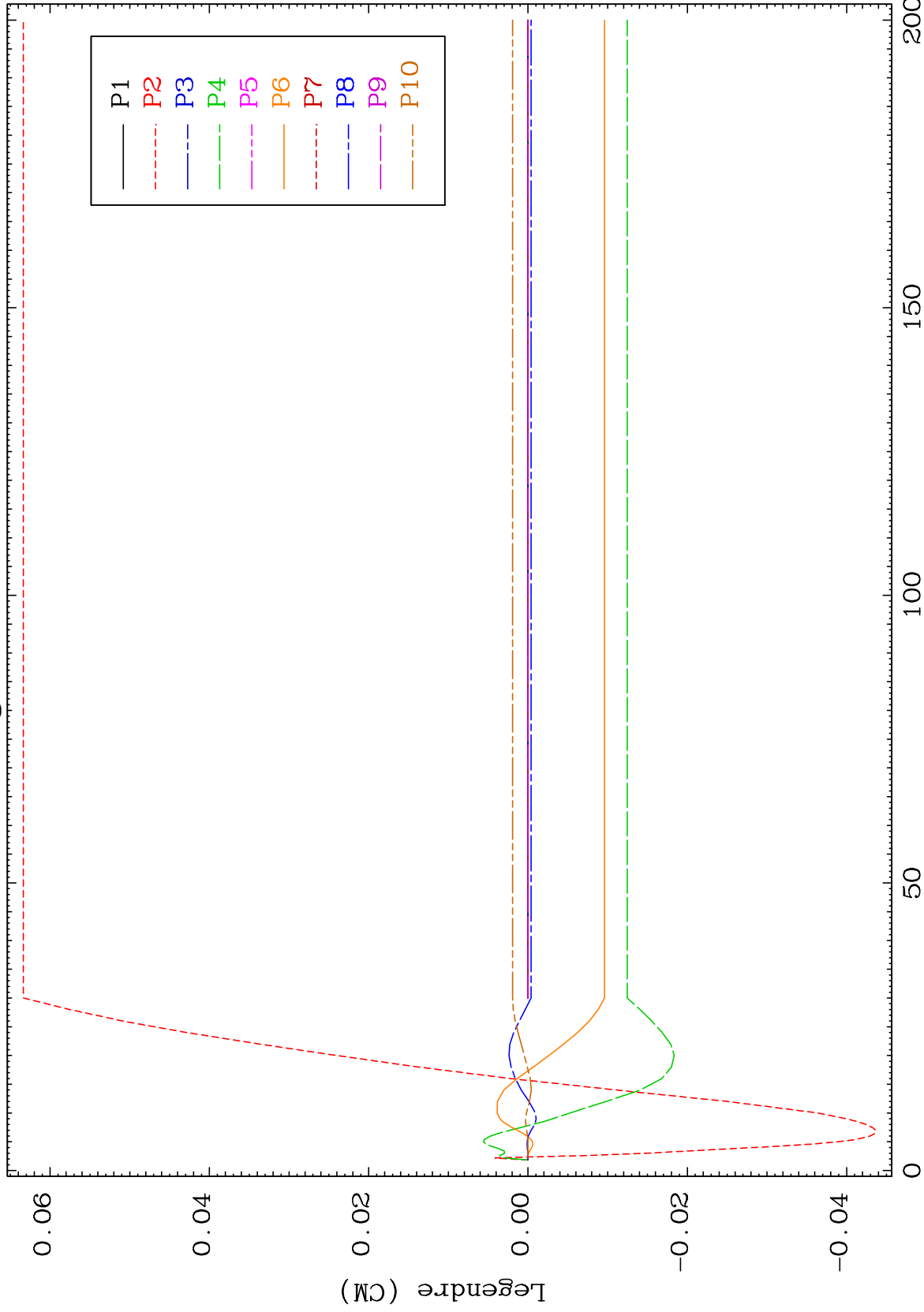
Incident Energy (MeV)

102

MAT 6425

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

64-Gd-152



103

Incident Energy (MeV)

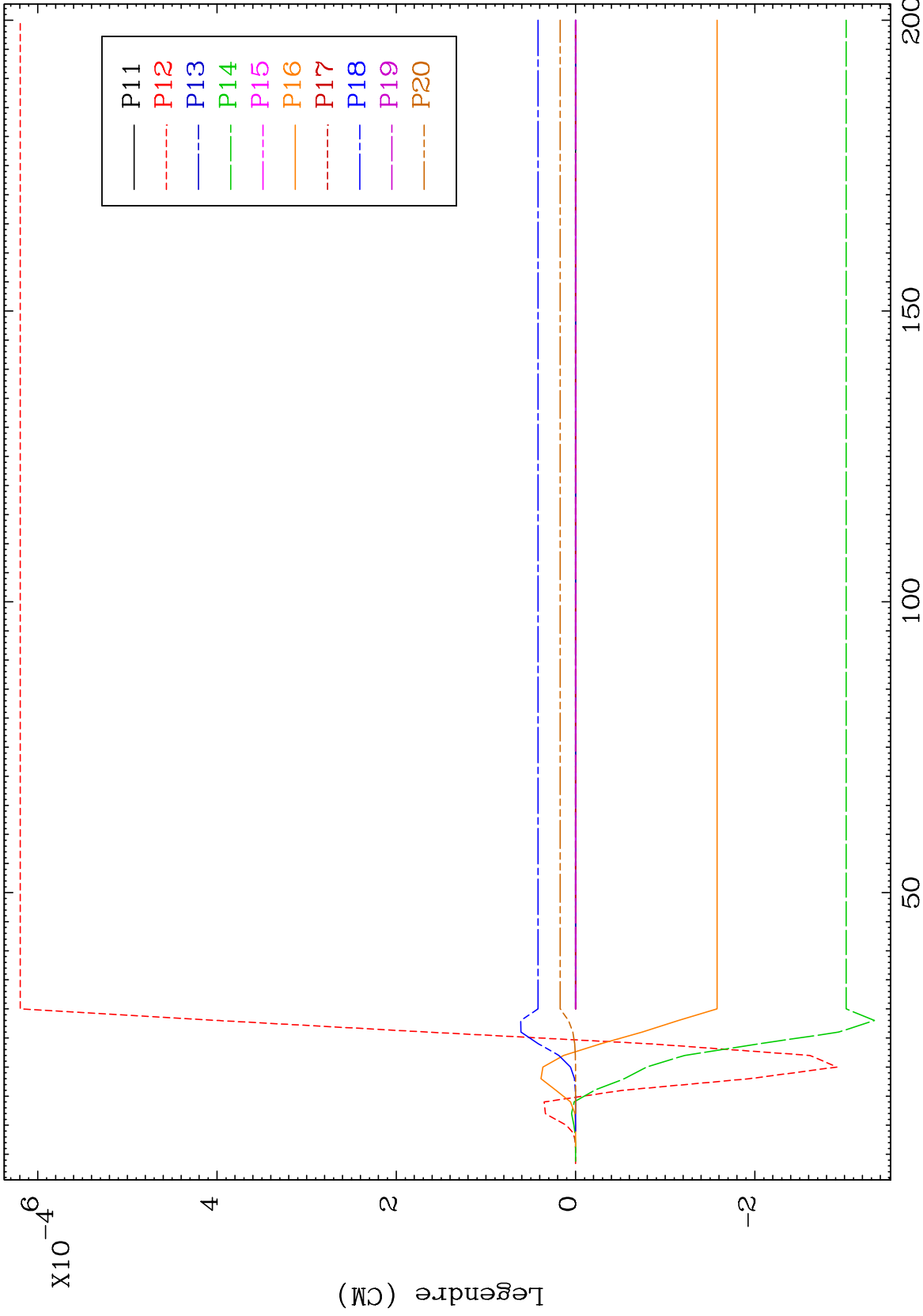
64-Gd-152



MAT 6425

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

64-Gd-152

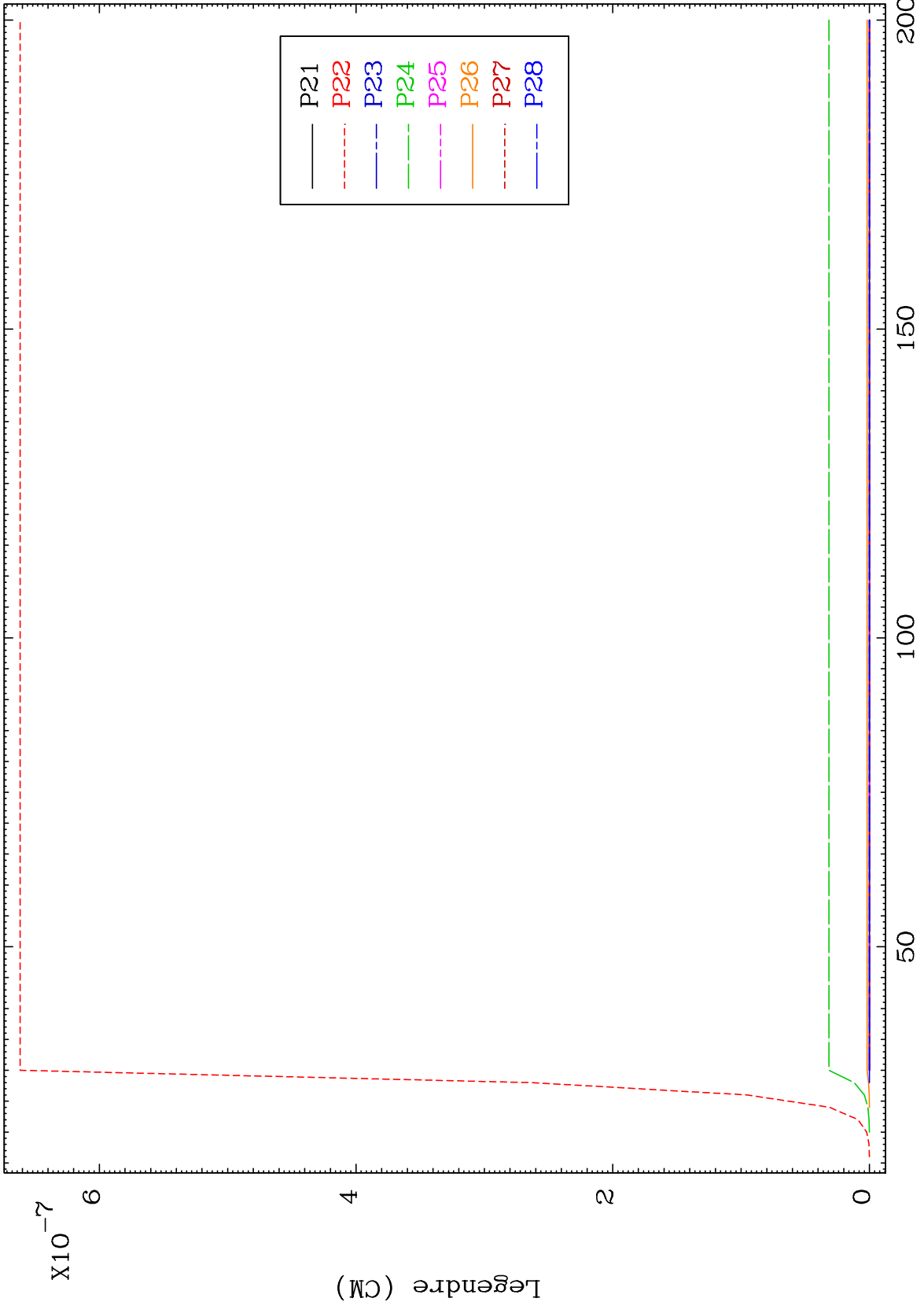


104

Incident Energy (MeV)

64-Gd-152

MAT 6425 MT= 73 (n,n') Level Legendre Coefficients 64-Gd-152

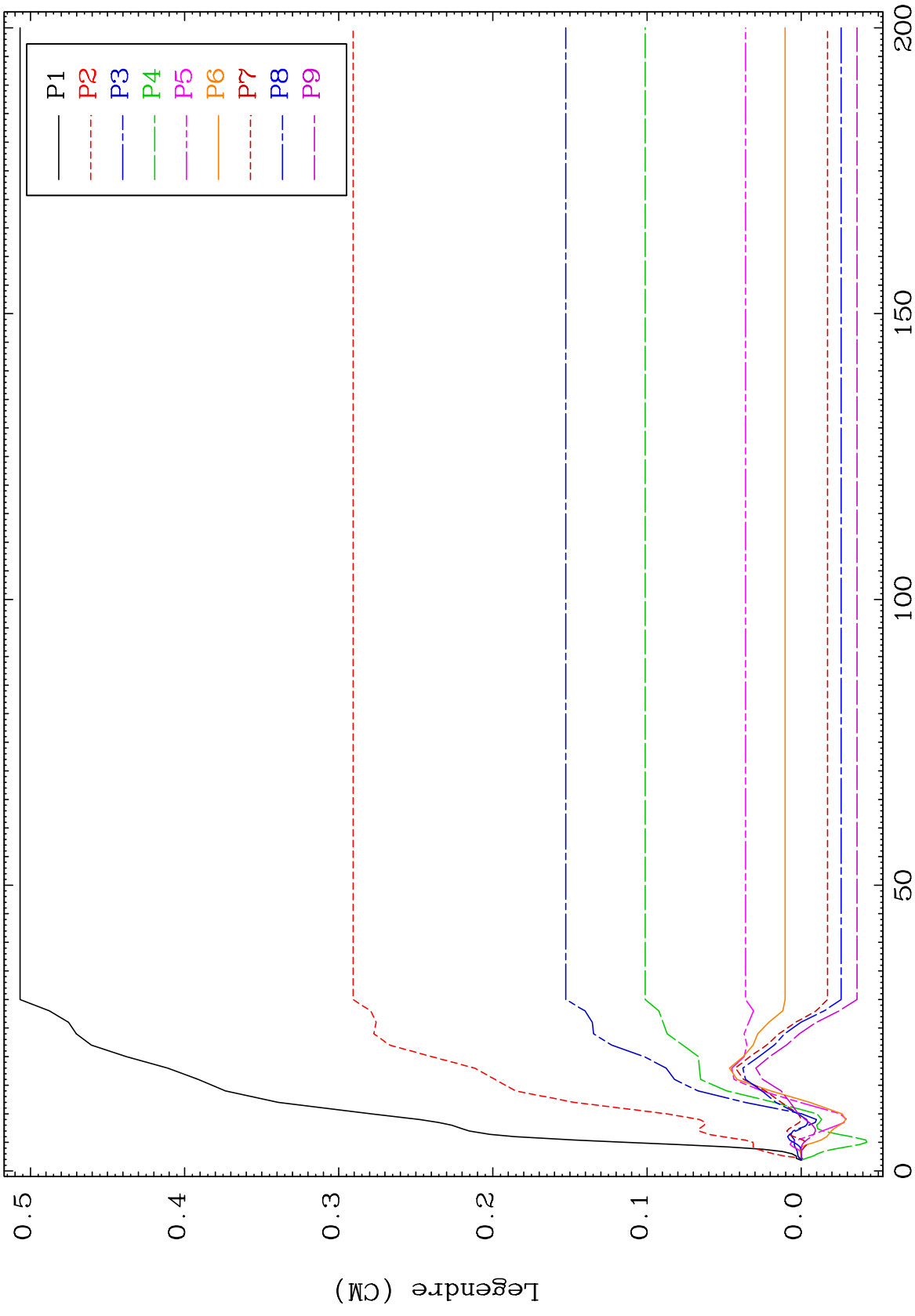


64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

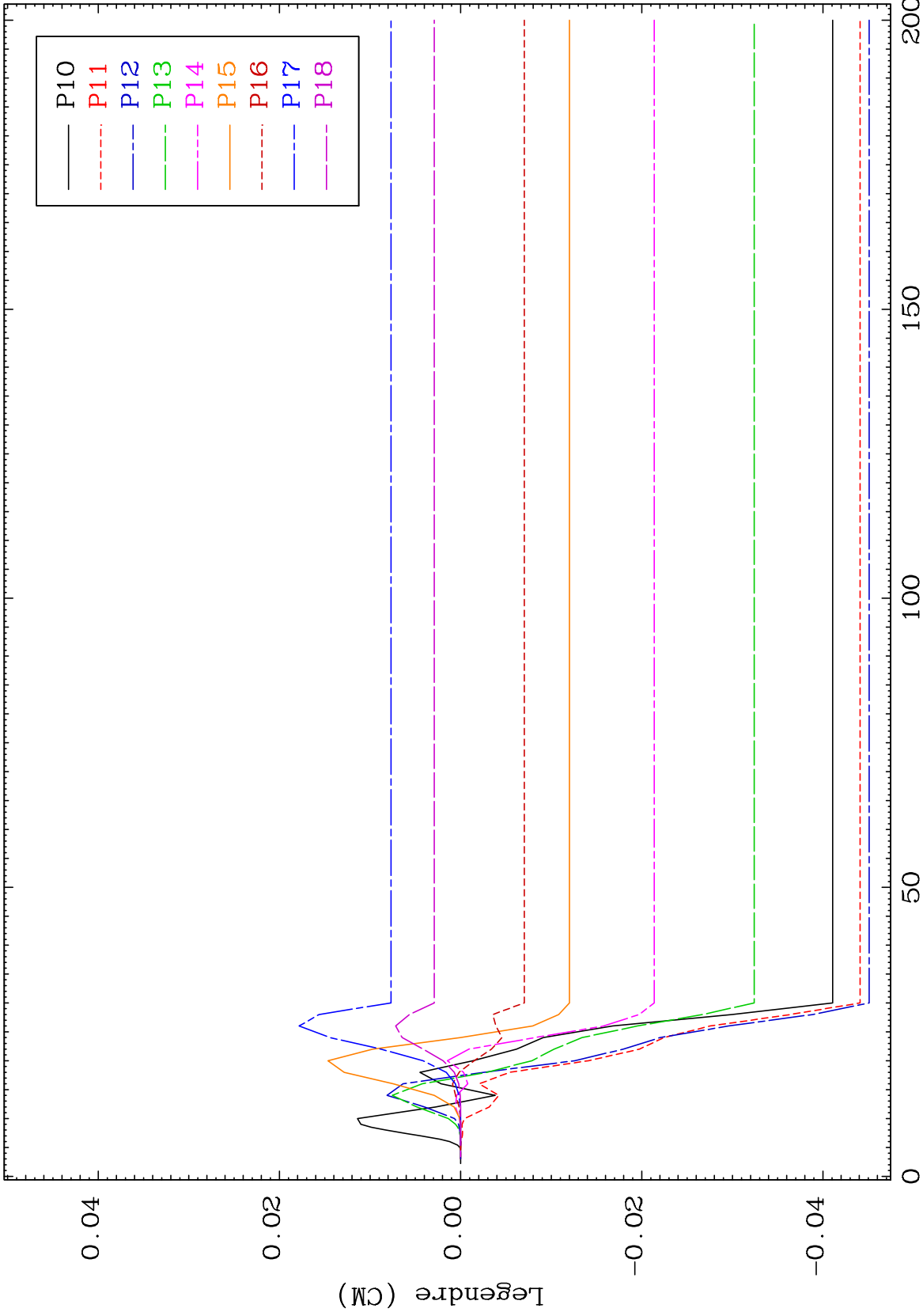
Incident Energy (MeV)

106

MAT 6425

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

64-Gd-152



107

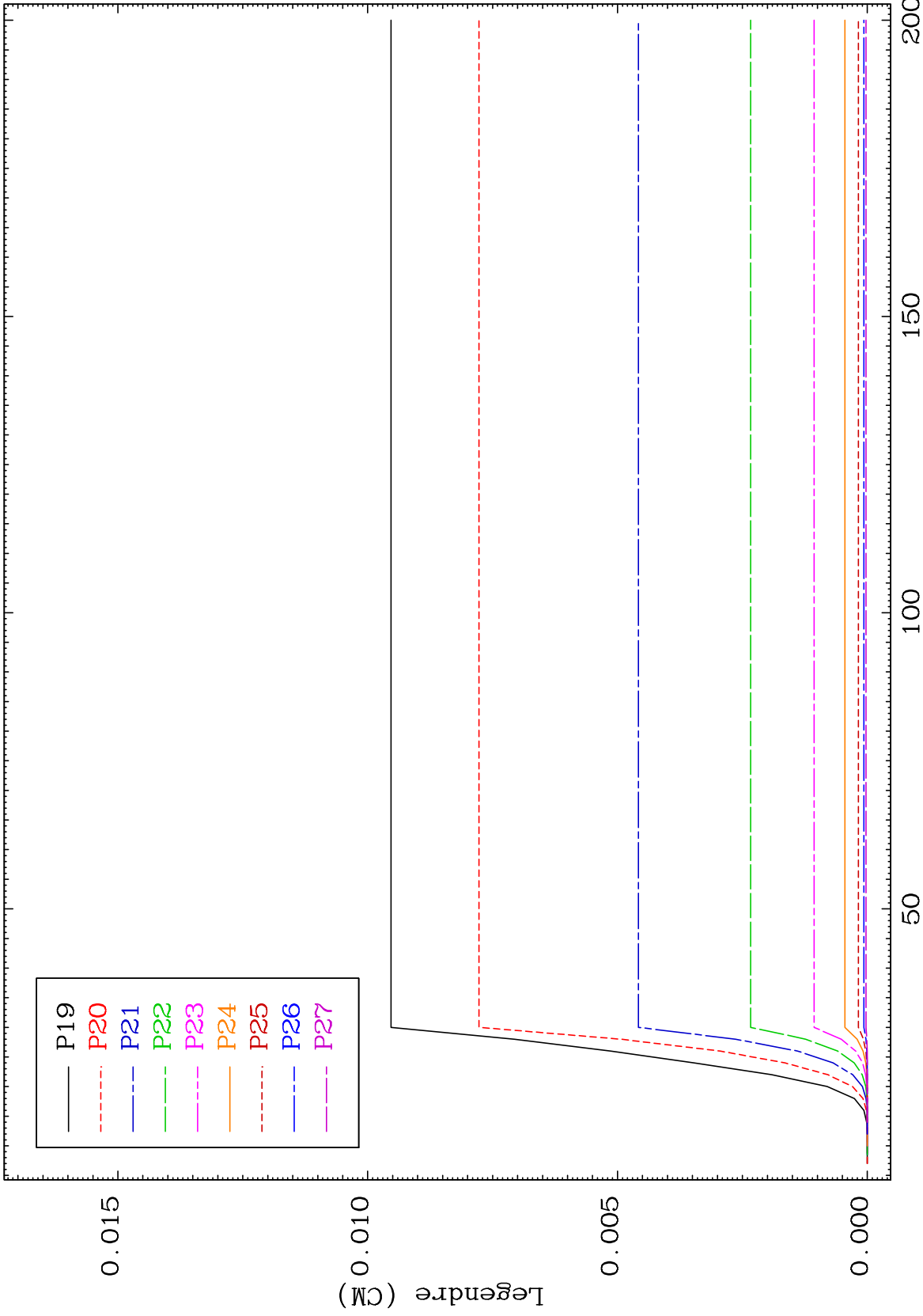
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



108

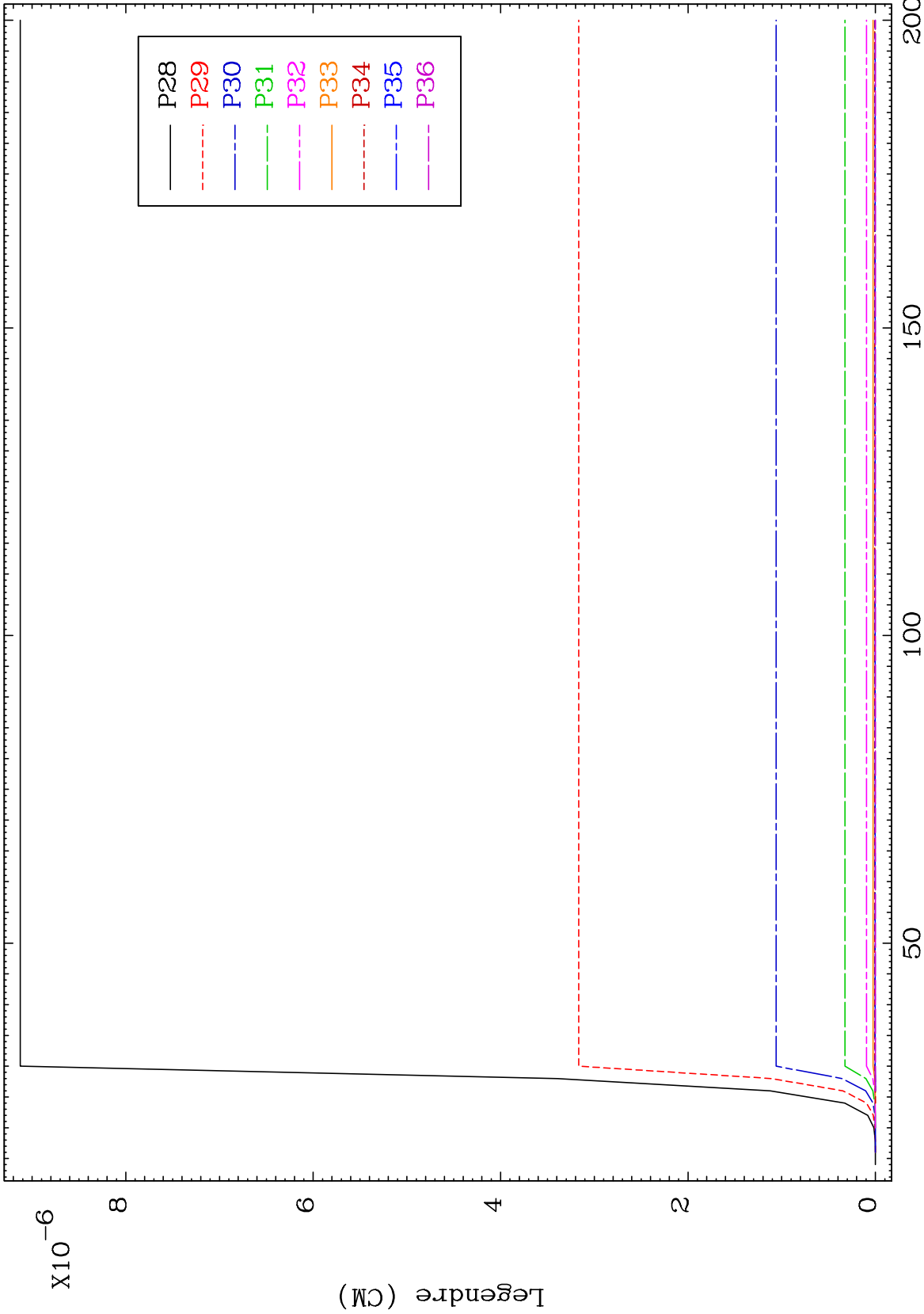
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



109

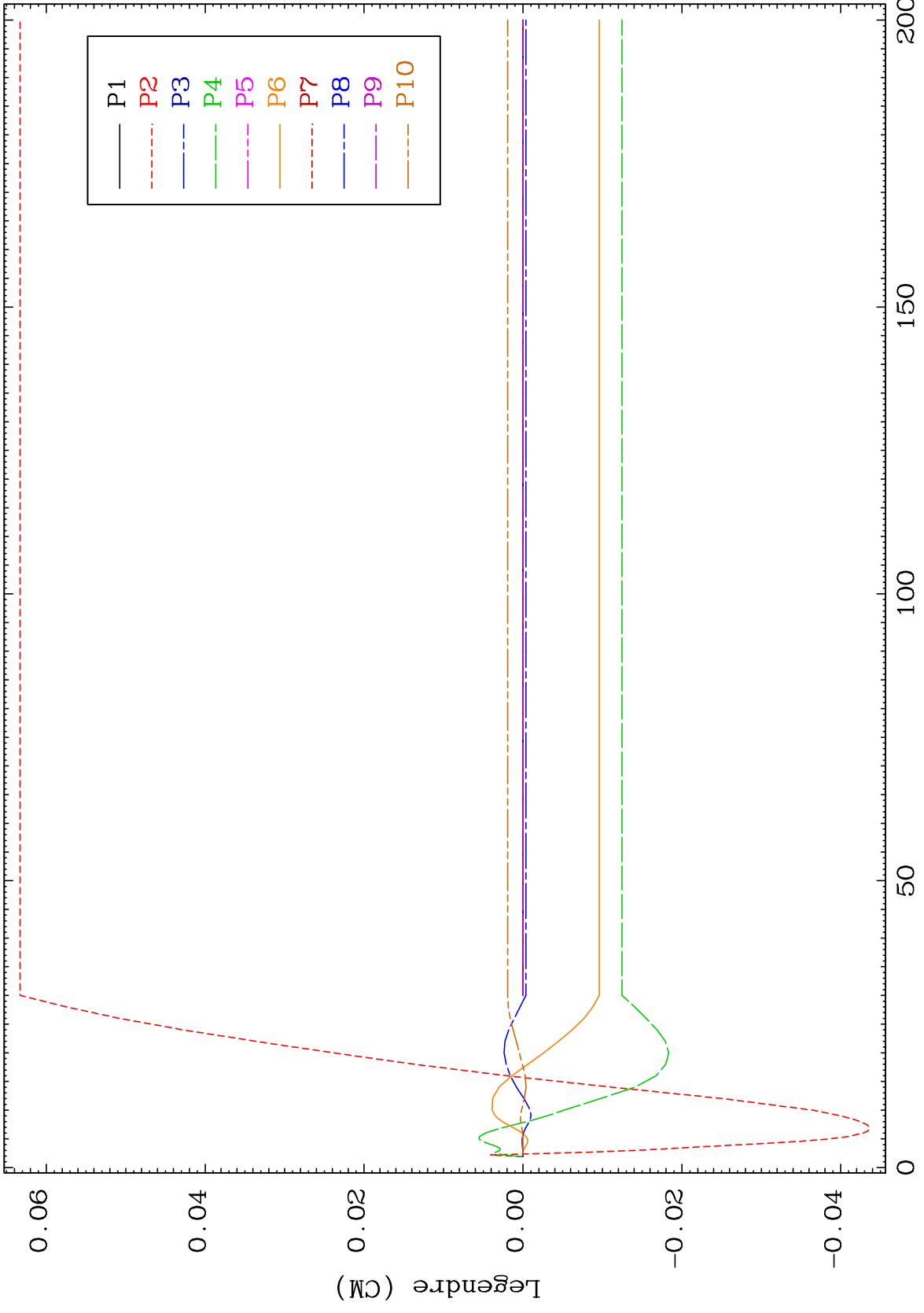
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

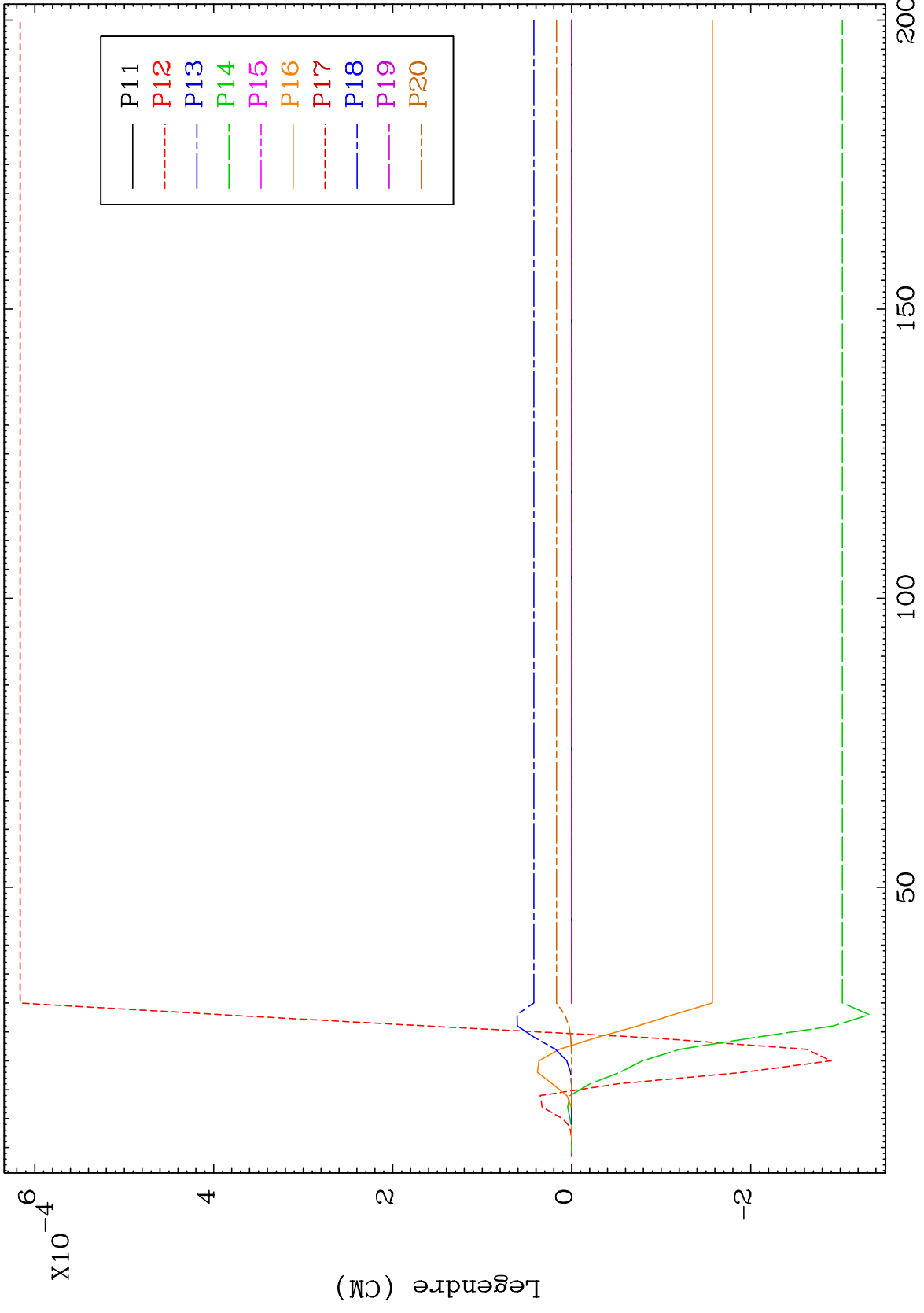
Incident Energy (MeV)

Legendre (CM)

MAT 6425

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

64-Gd-152



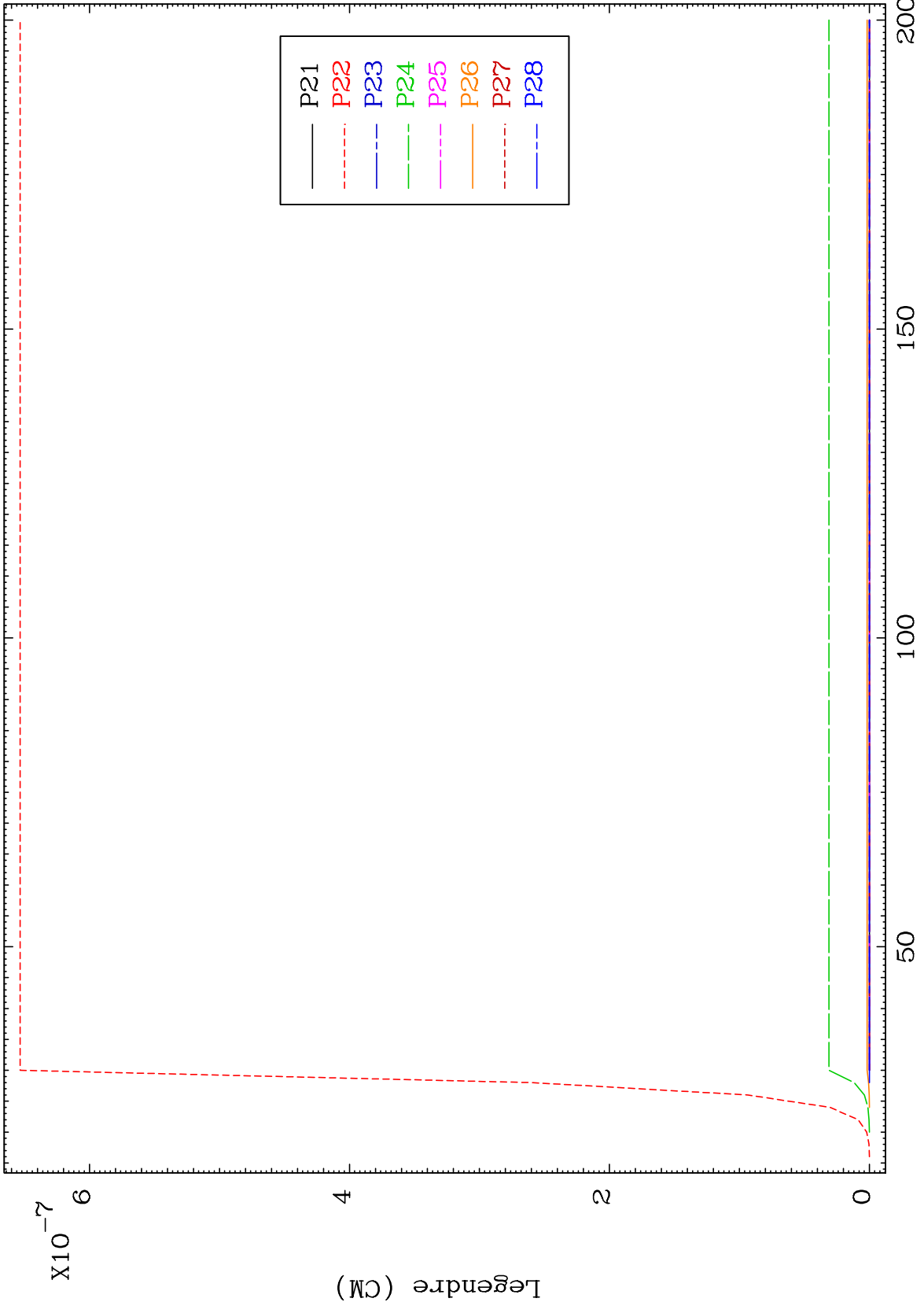
111

Incident Energy (MeV)

64-Gd-152



MAT 6425 MT= 75 (n,n') Level Legendre Coefficients 64-Gd-152

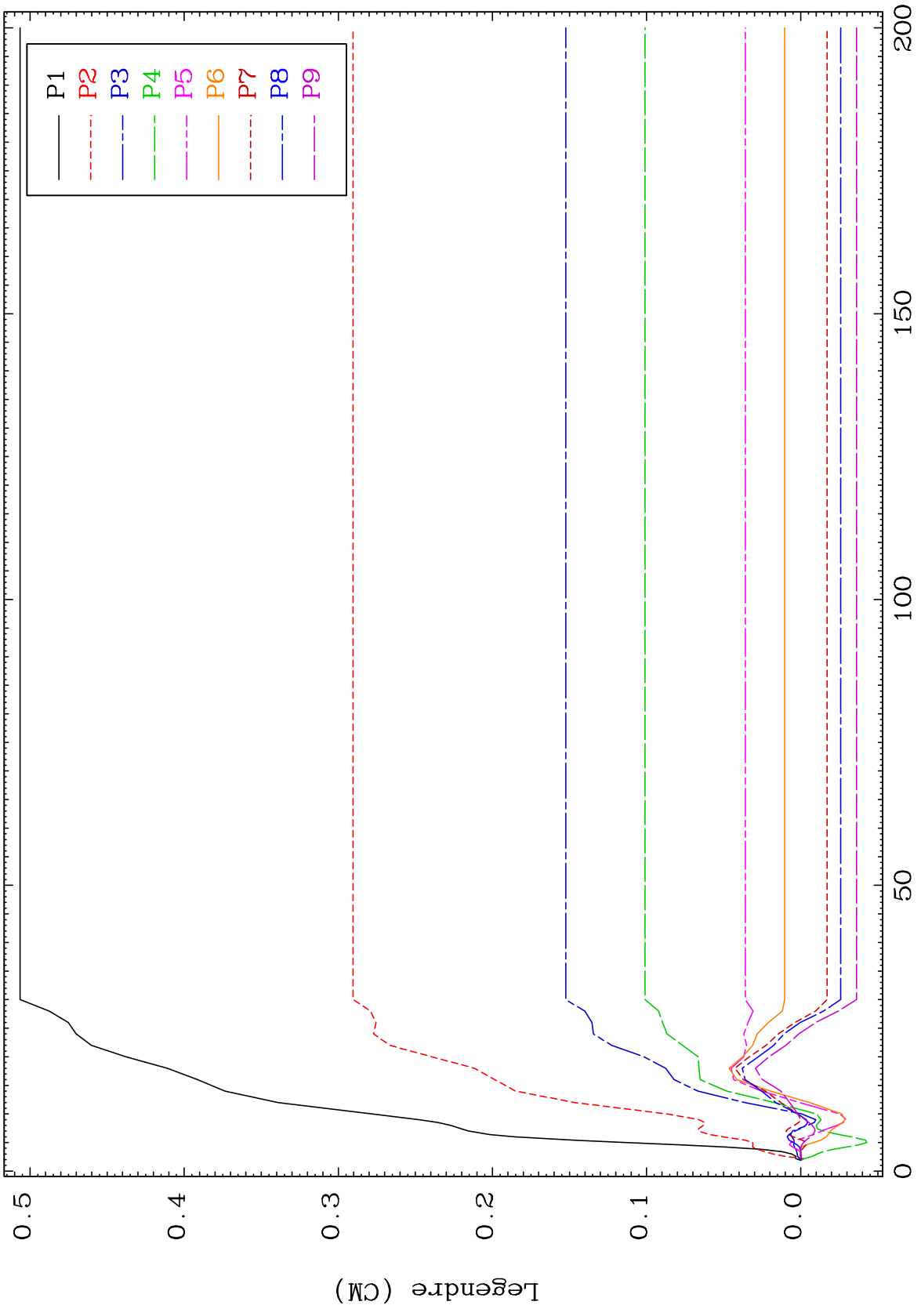


112 Incident Energy (MeV) 64-Gd-152

MAT 6425

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

64-Gd-152



113

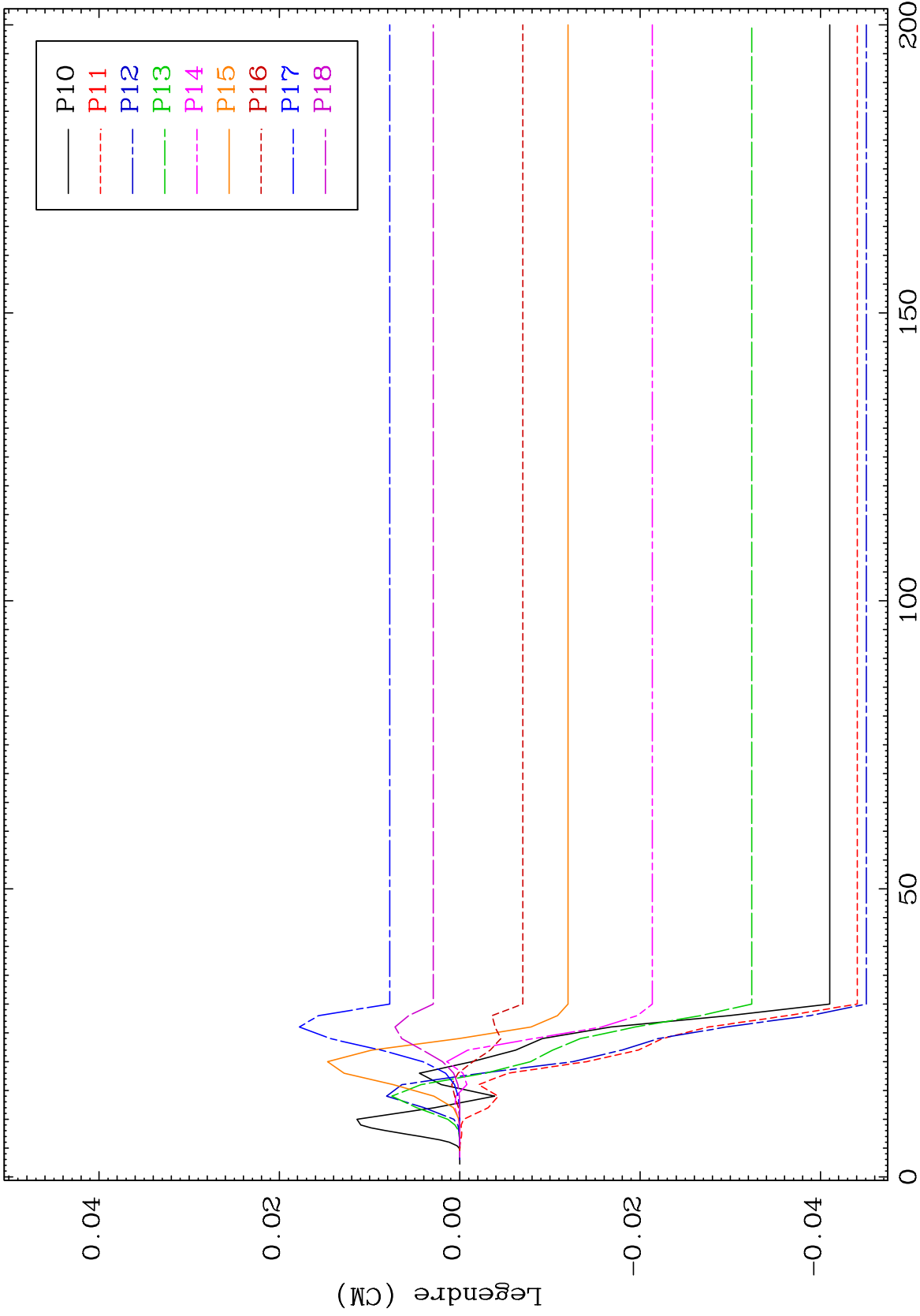
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



114

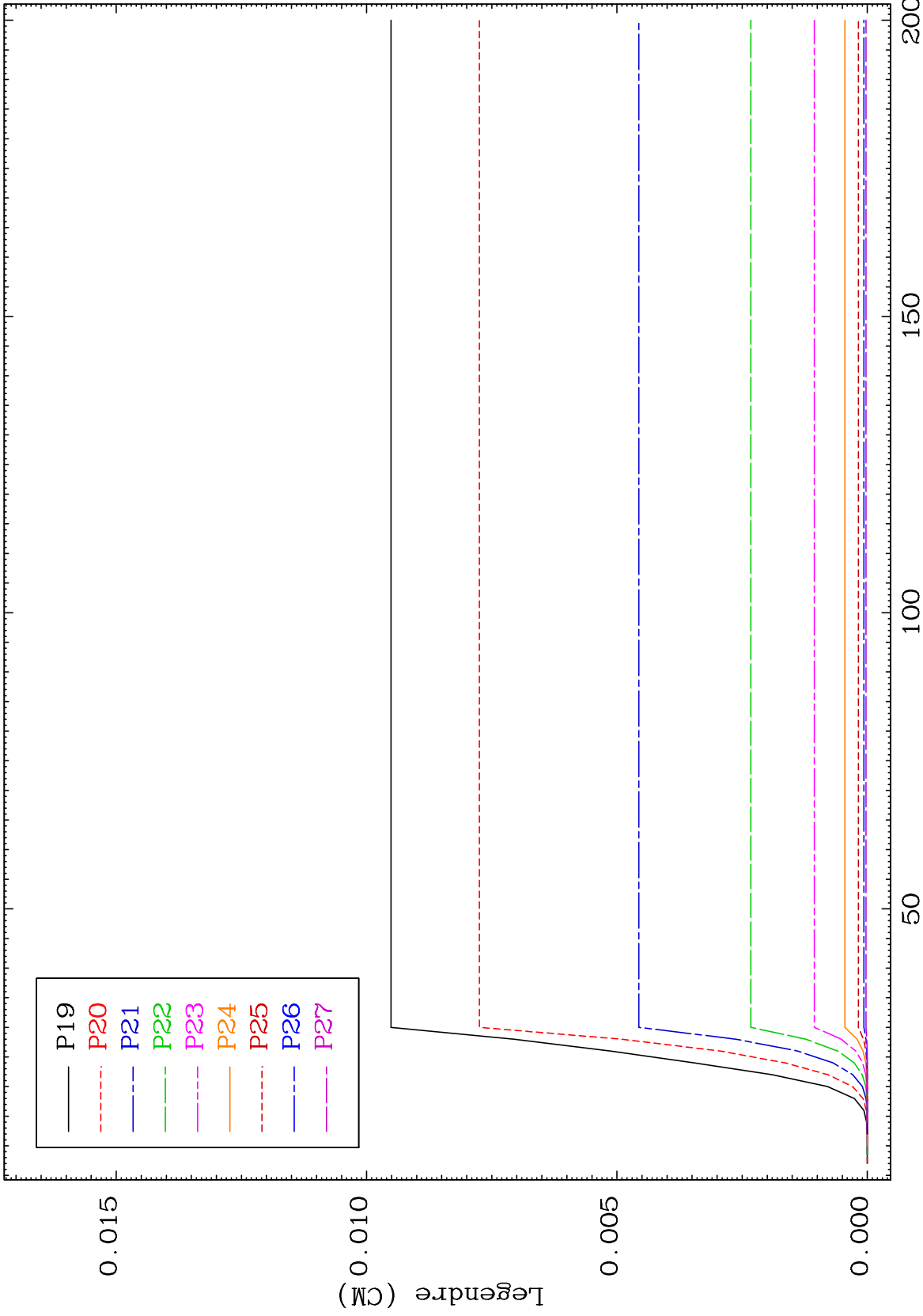
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



115

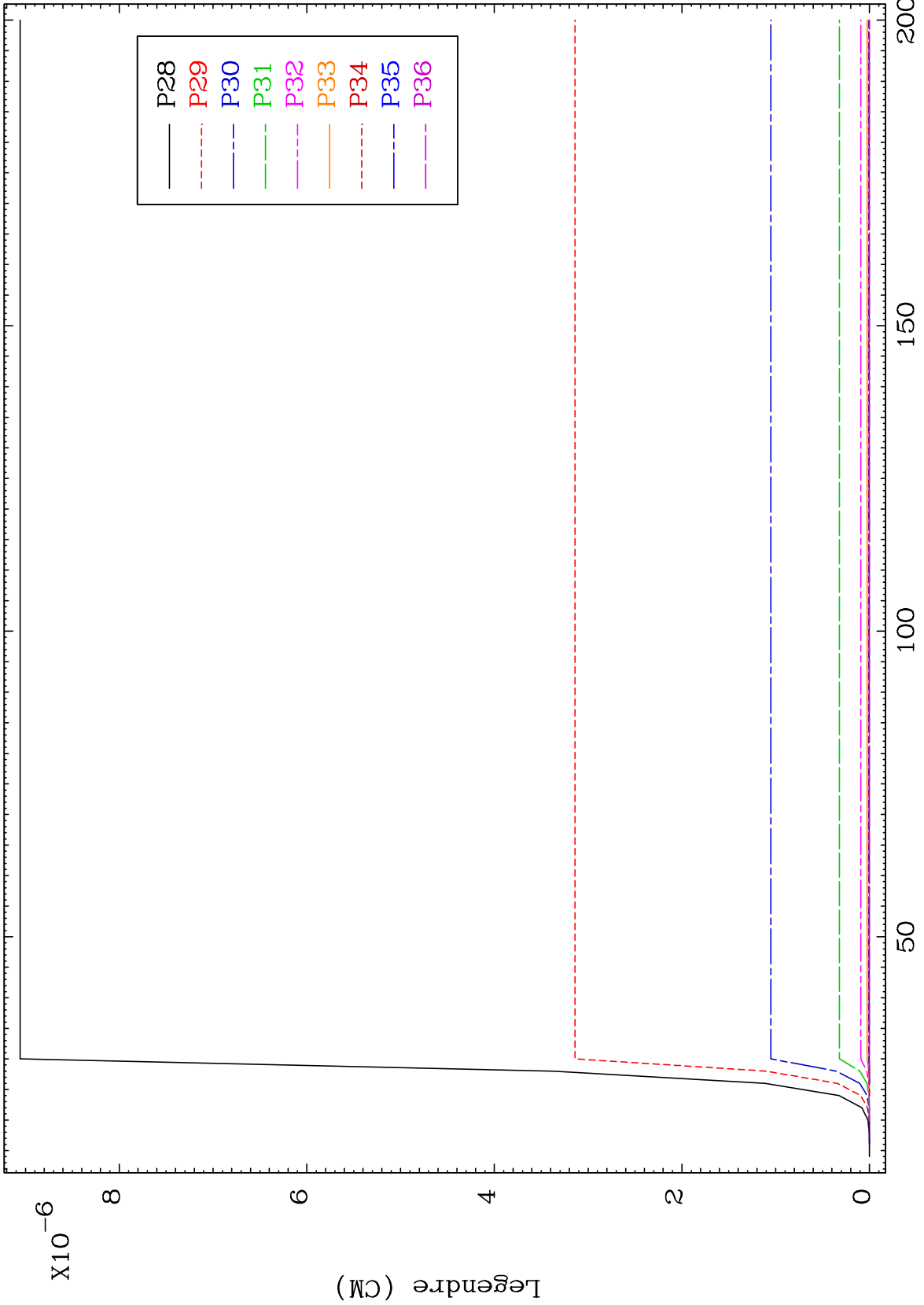
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



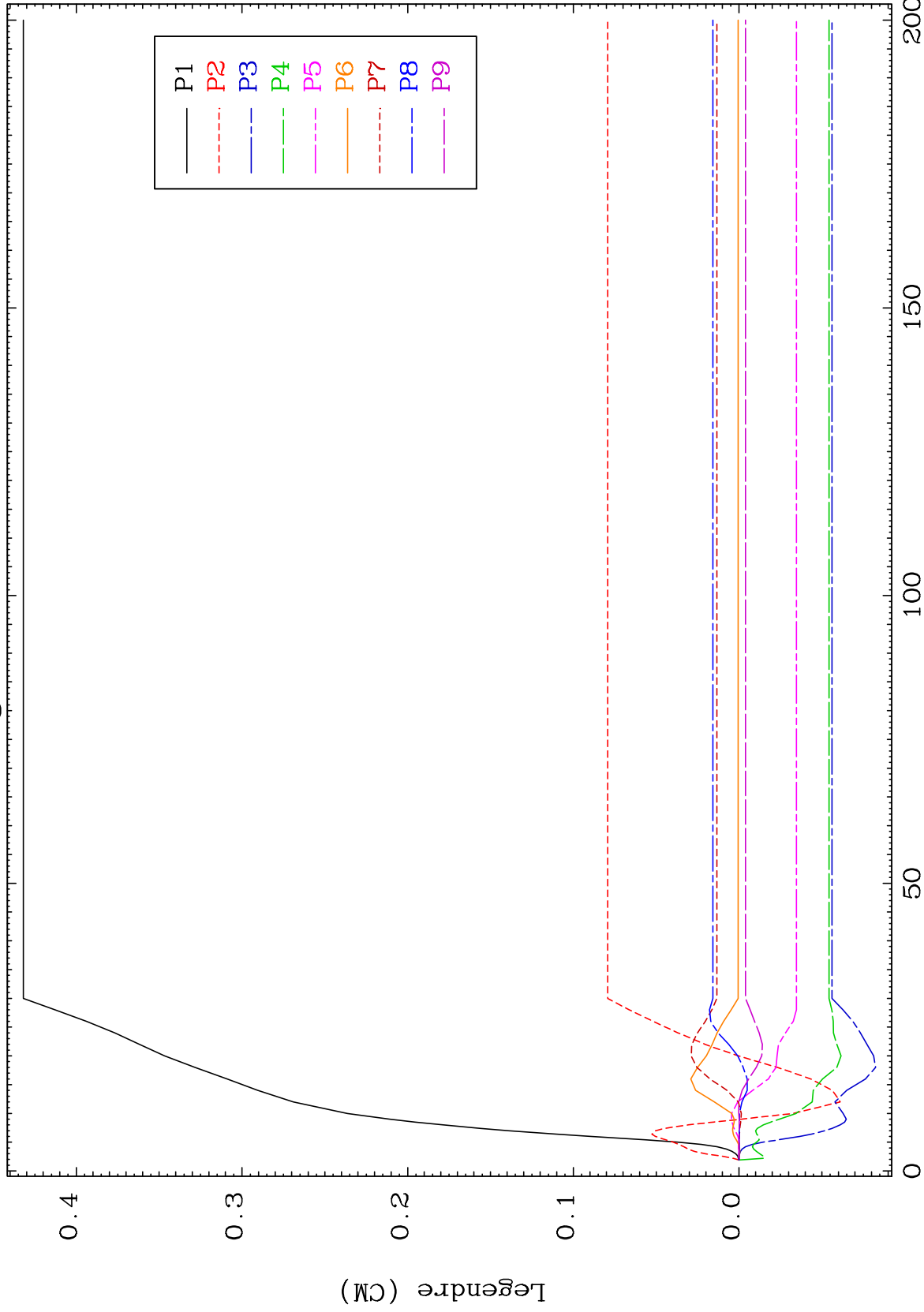
116

64-Gd-152

MAT 6425

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

64-Gd-152



117

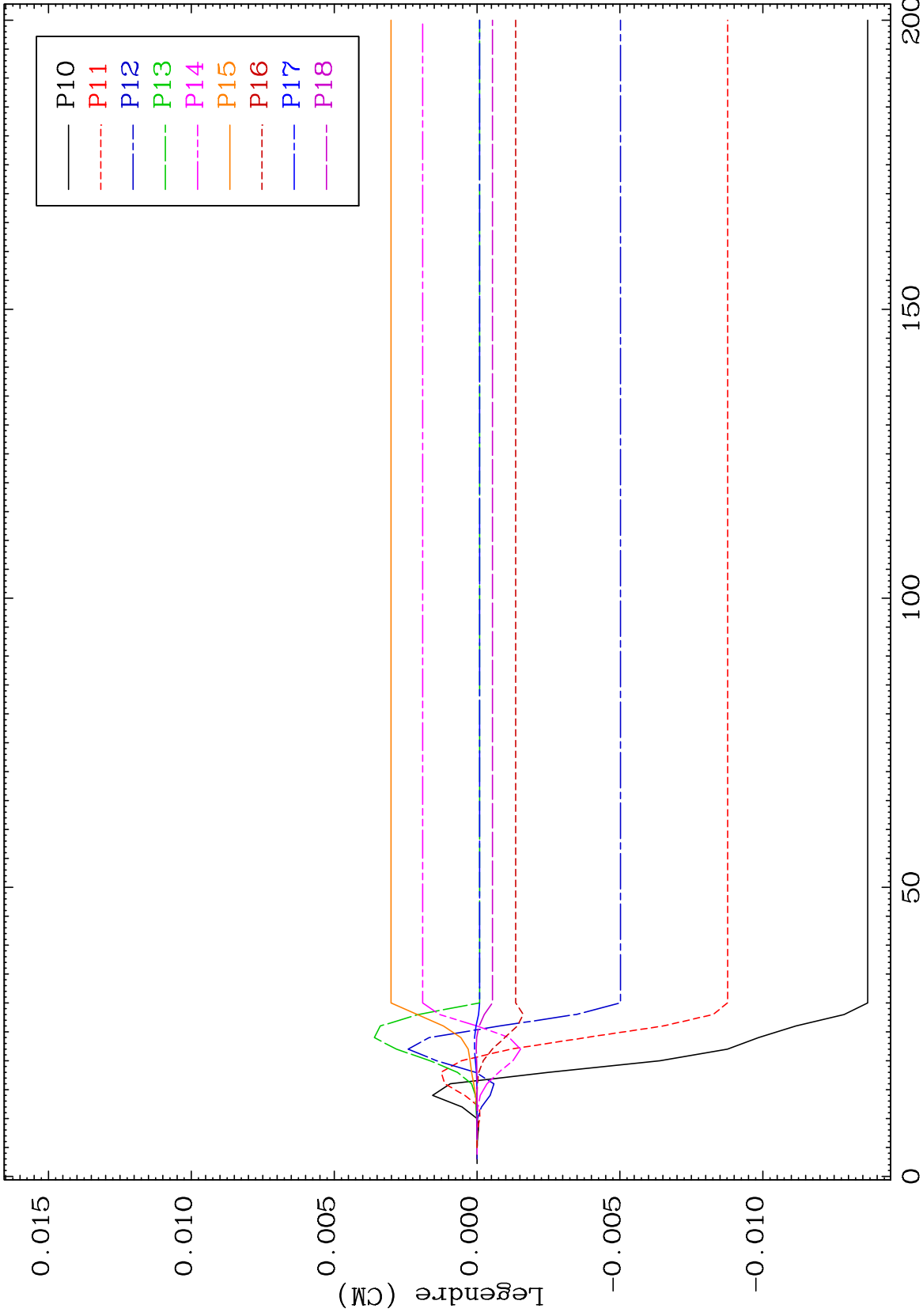
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



118

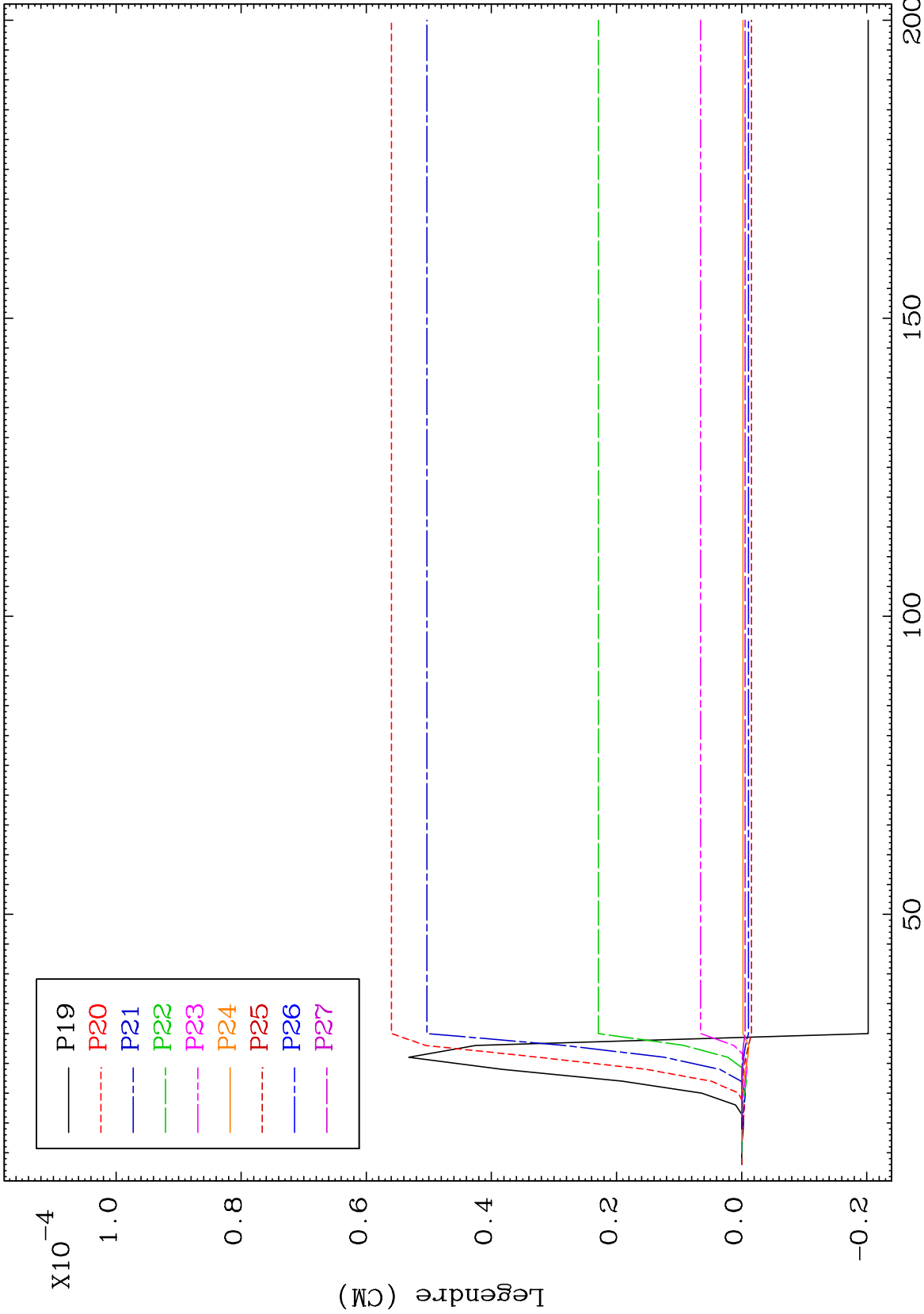
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



119

Incident Energy (MeV)

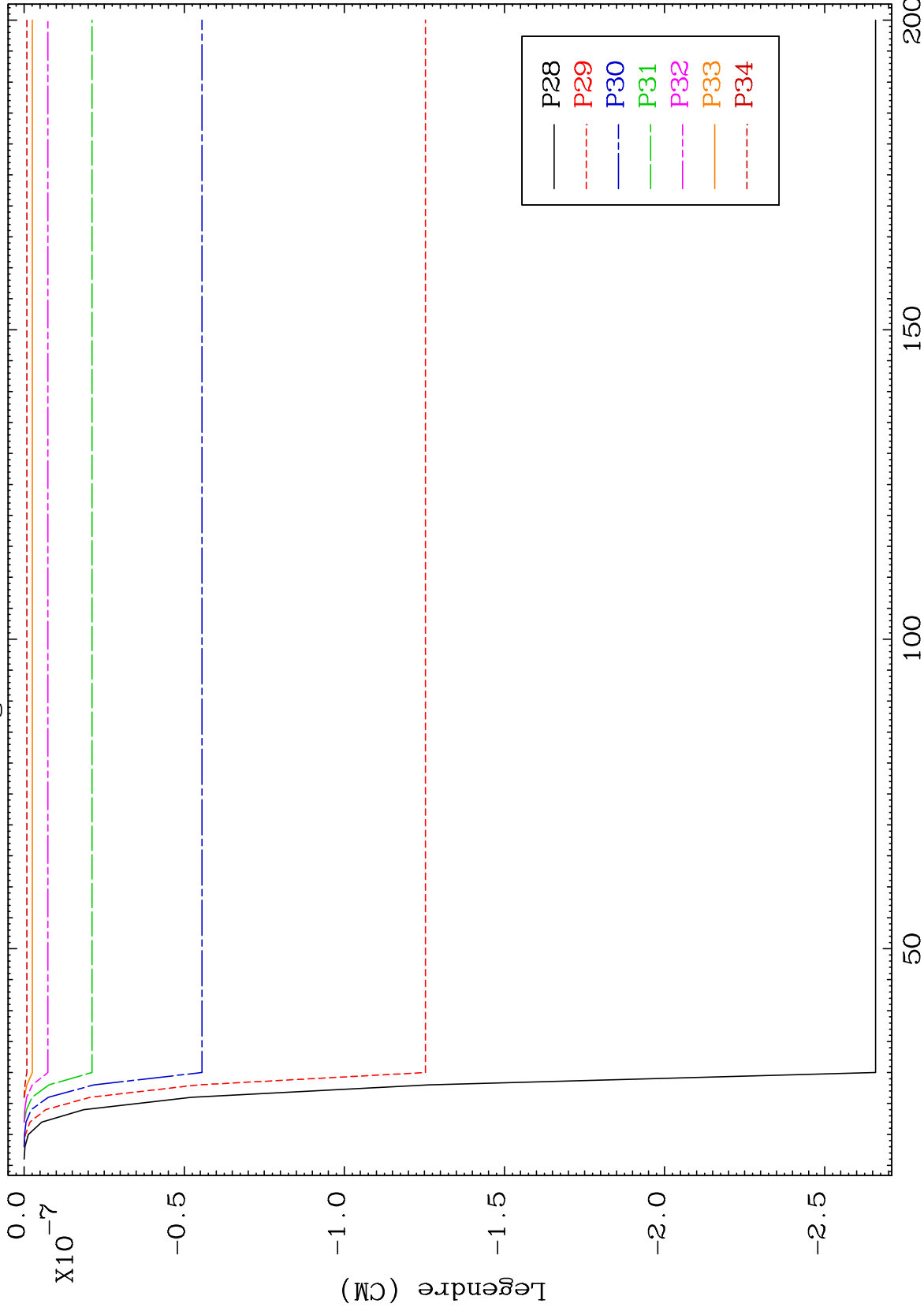
64-Gd-152



MAT 6425

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

64-Gd-152



64-Gd-152

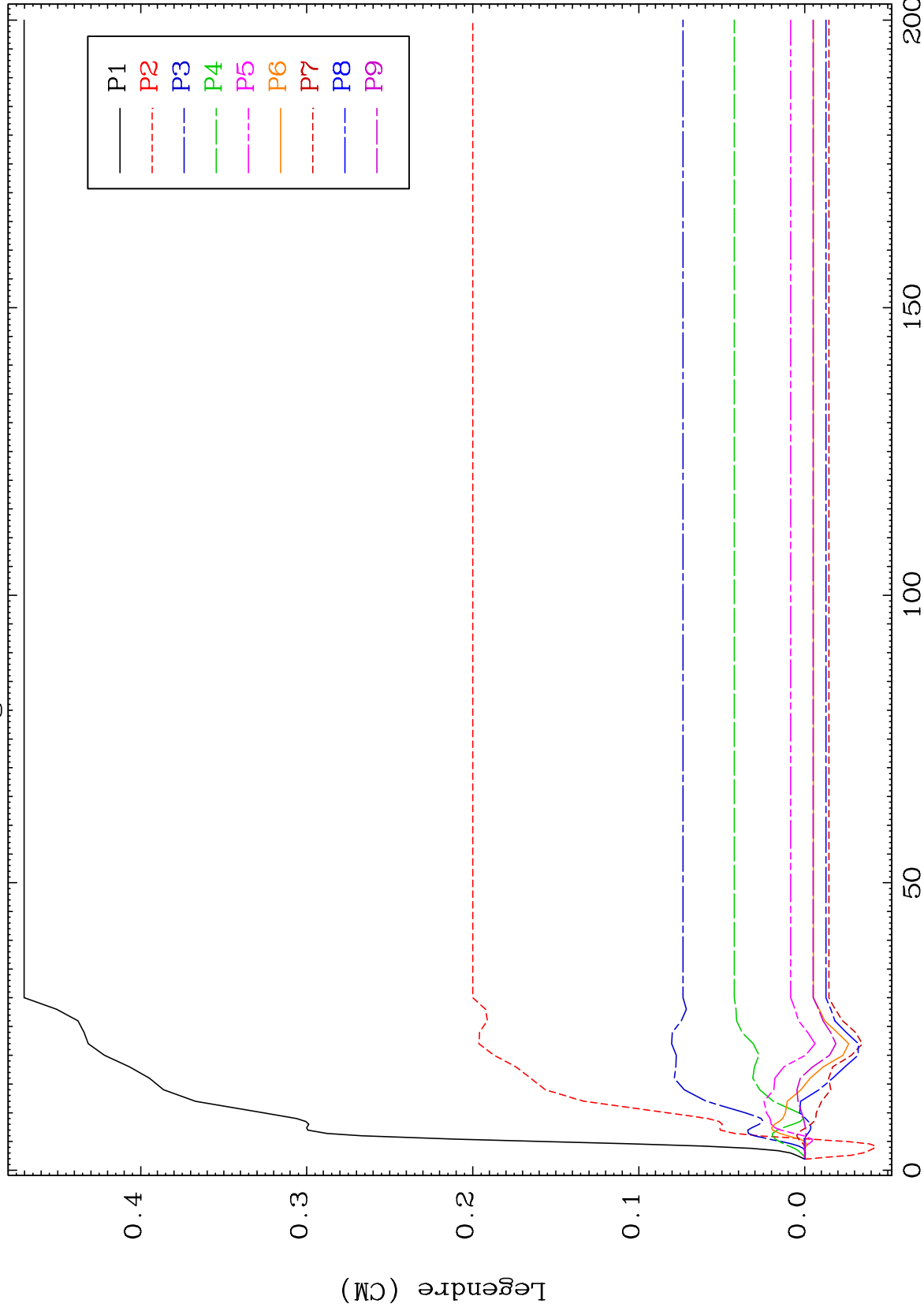
Incident Energy (MeV)

120

MAT 6425

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

64-Gd-152



121

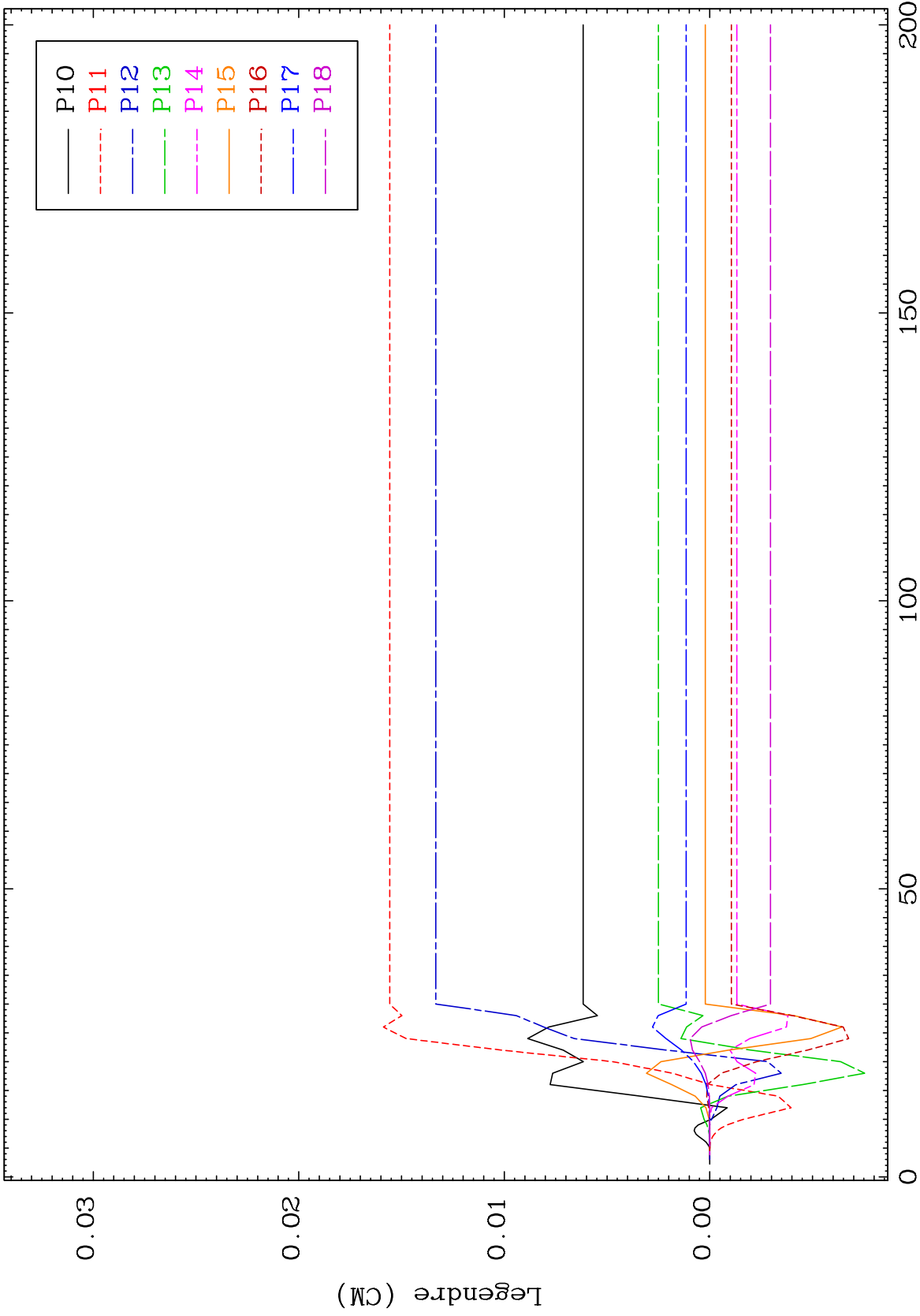
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



122

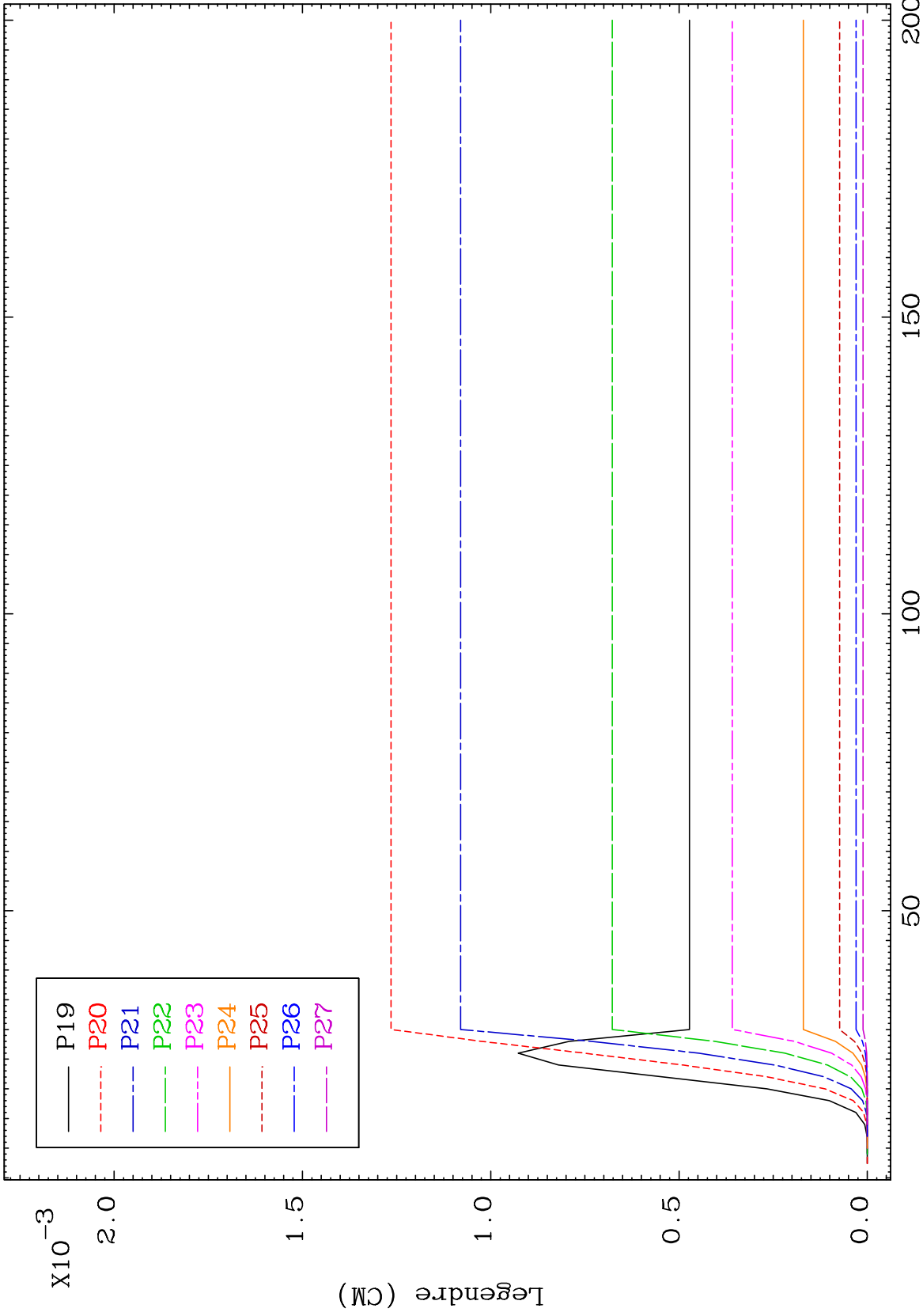
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

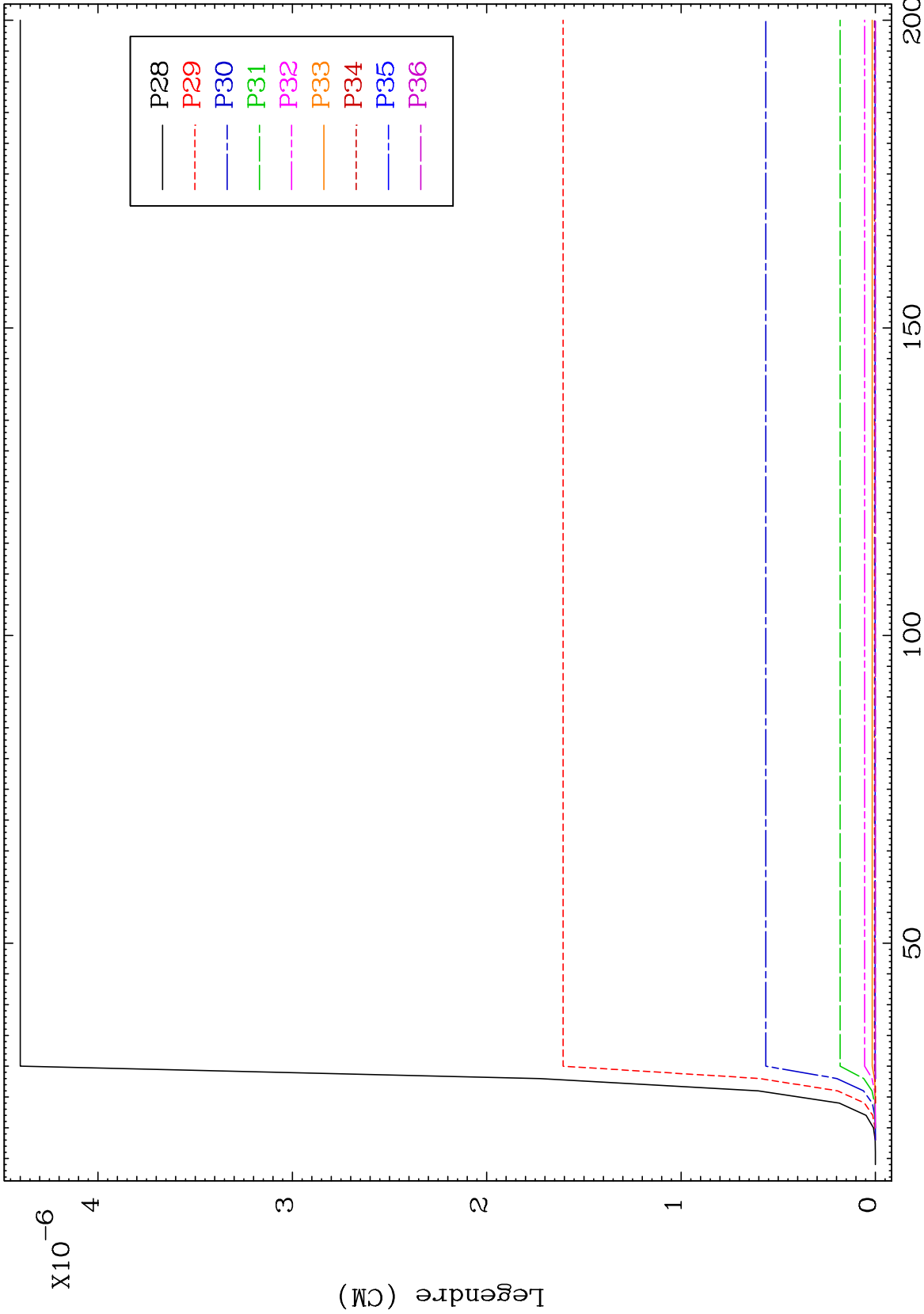
64-Gd-152



MAT 6425

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

64-Gd-152

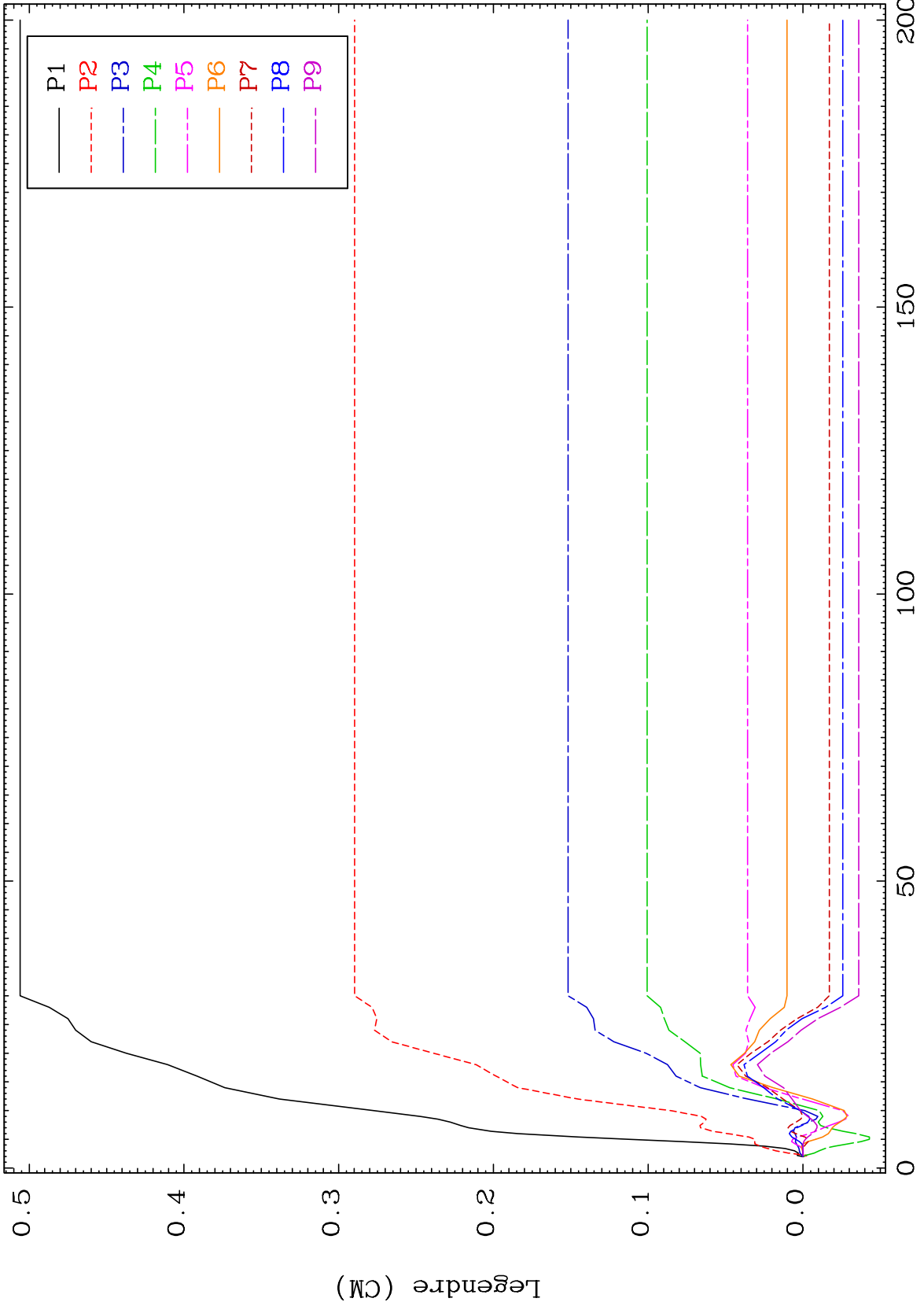


124

Incident Energy (MeV)

64-Gd-152

MAT 6425 MT= 79 (n,n') Level Legendre Coefficients 64-Gd-152

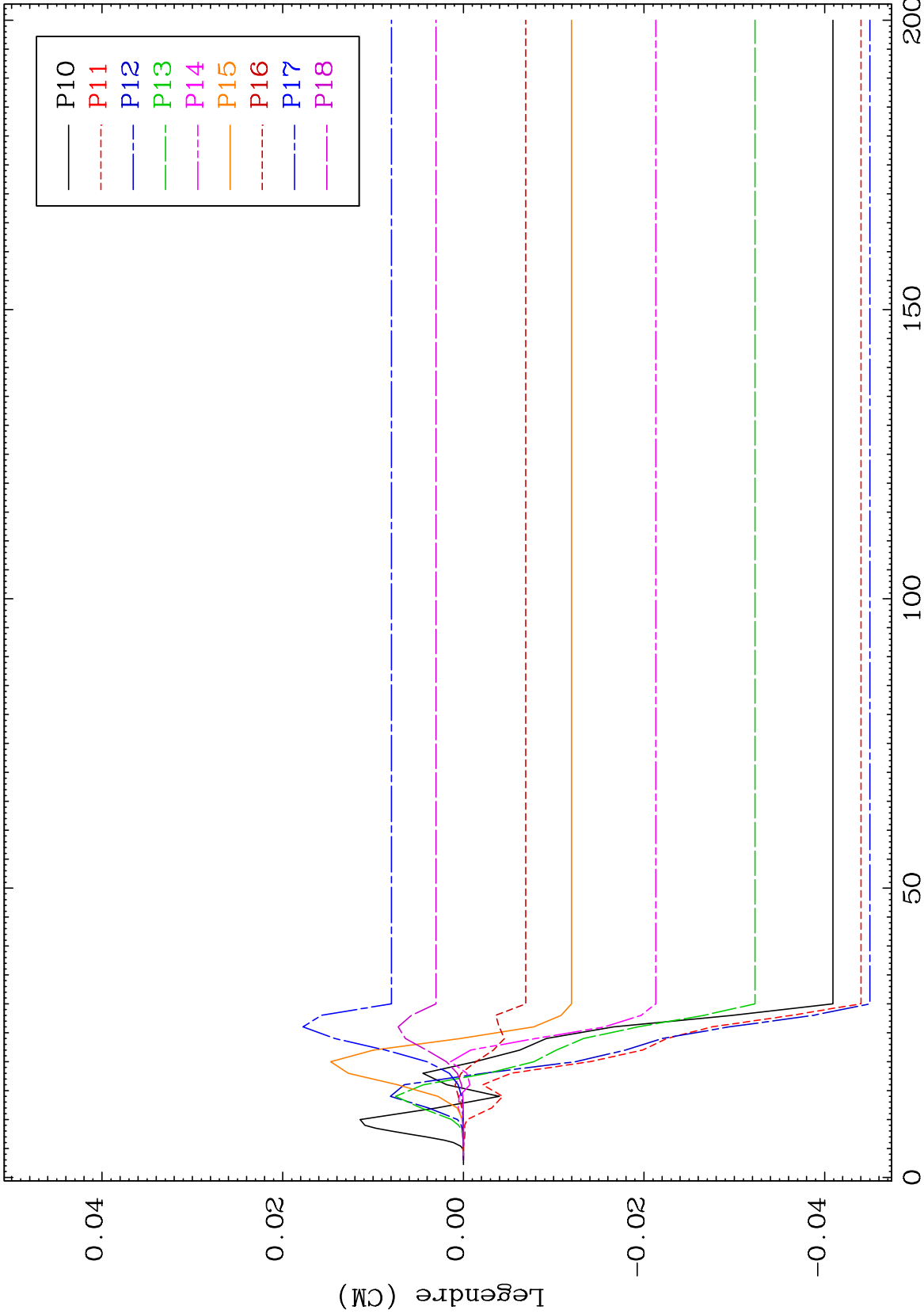


64-Gd-152

MAT 6425

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

64-Gd-152



126

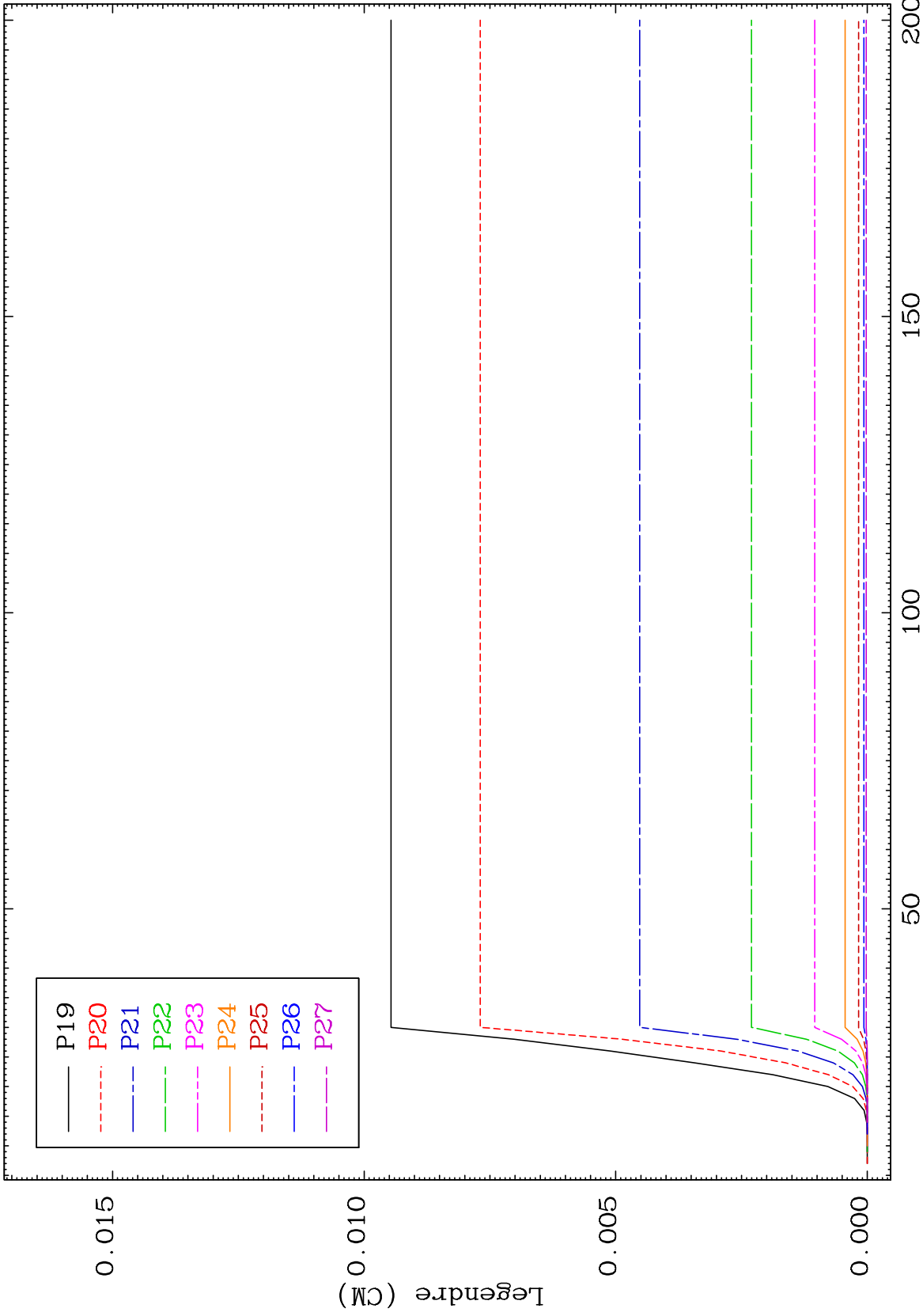
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



127

Incident Energy (MeV)

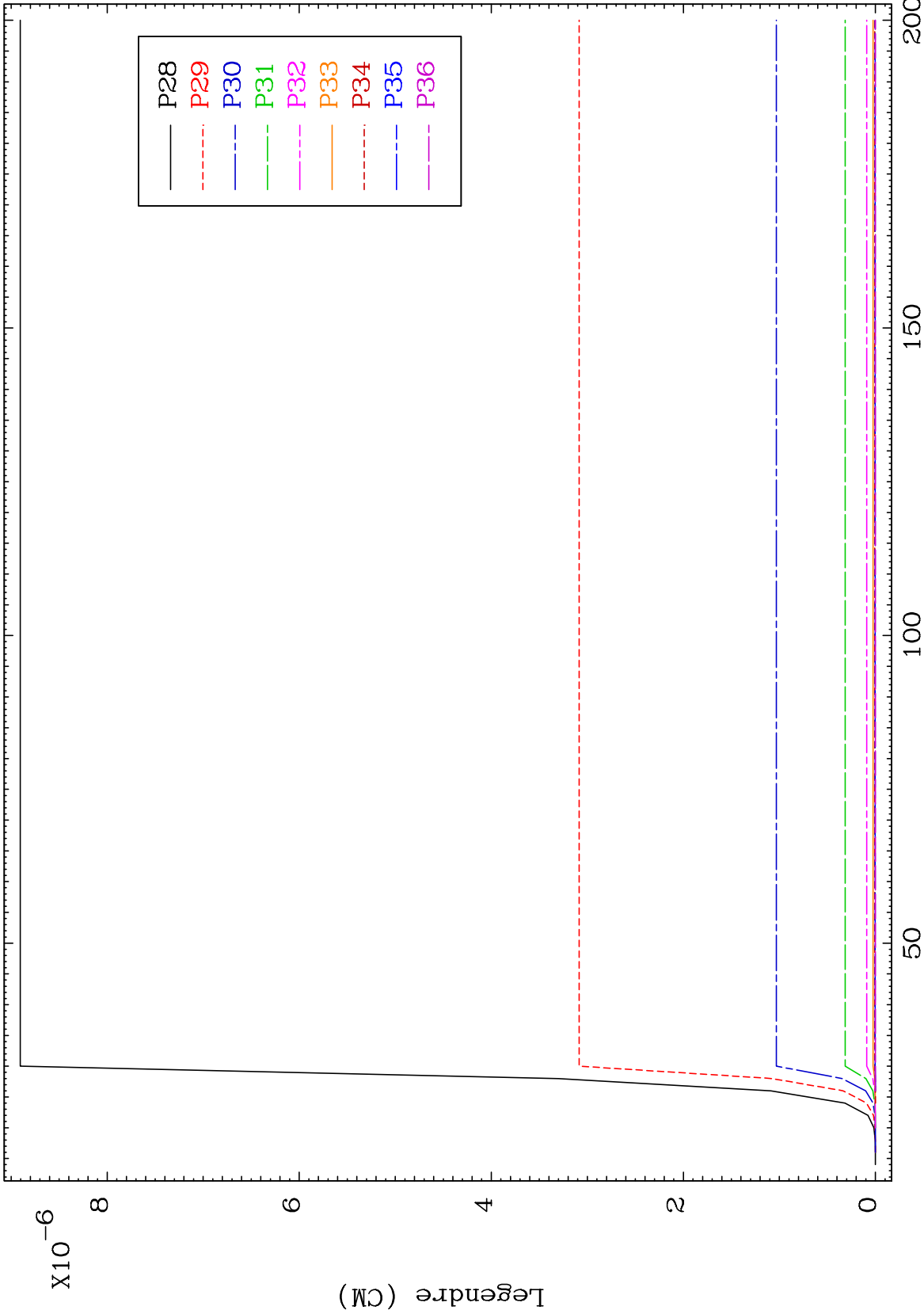
64-Gd-152



MAT 6425

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

64-Gd-152



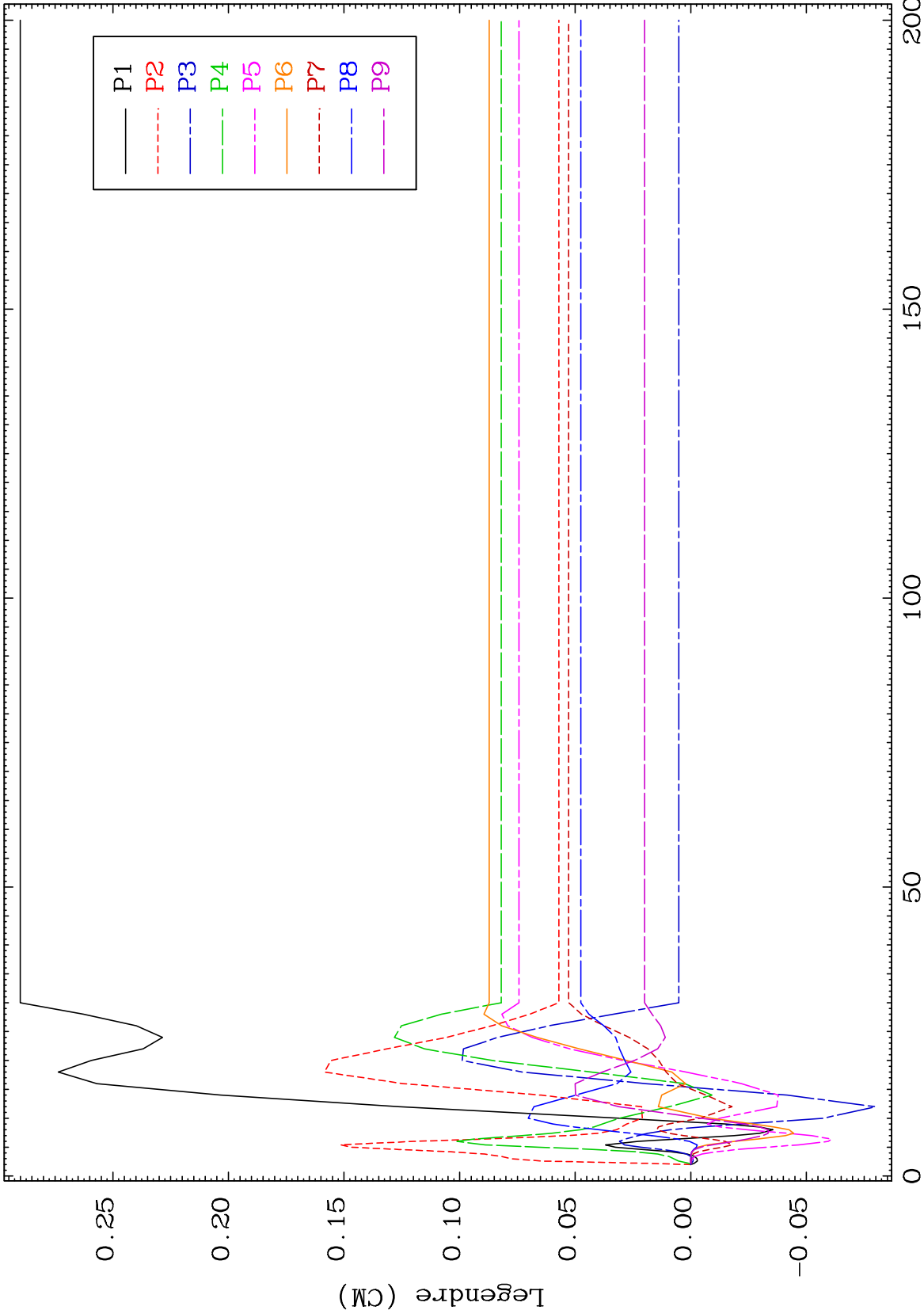
128

64-Gd-152

MAT 6425

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

64-Gd-152



129

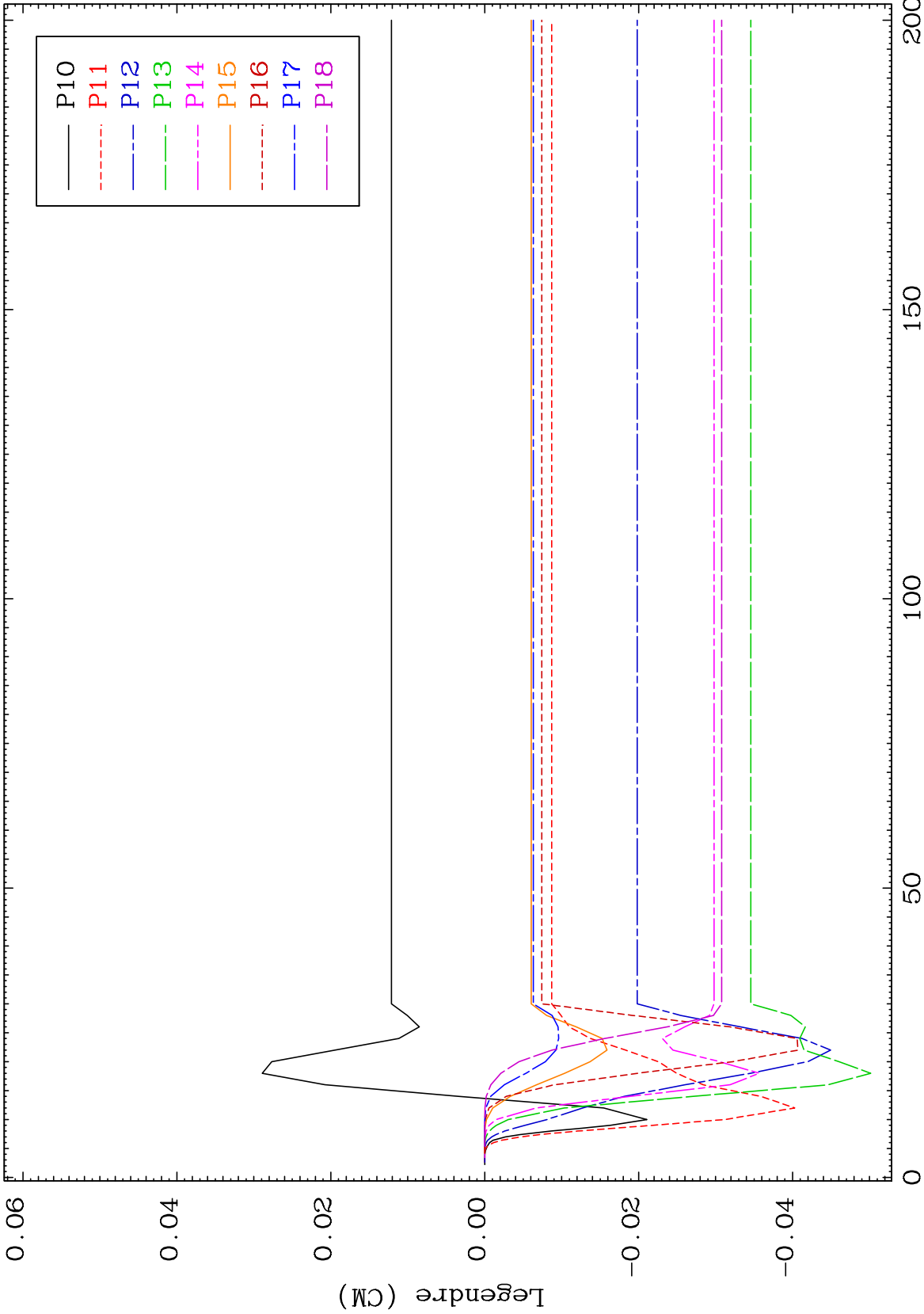
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



130

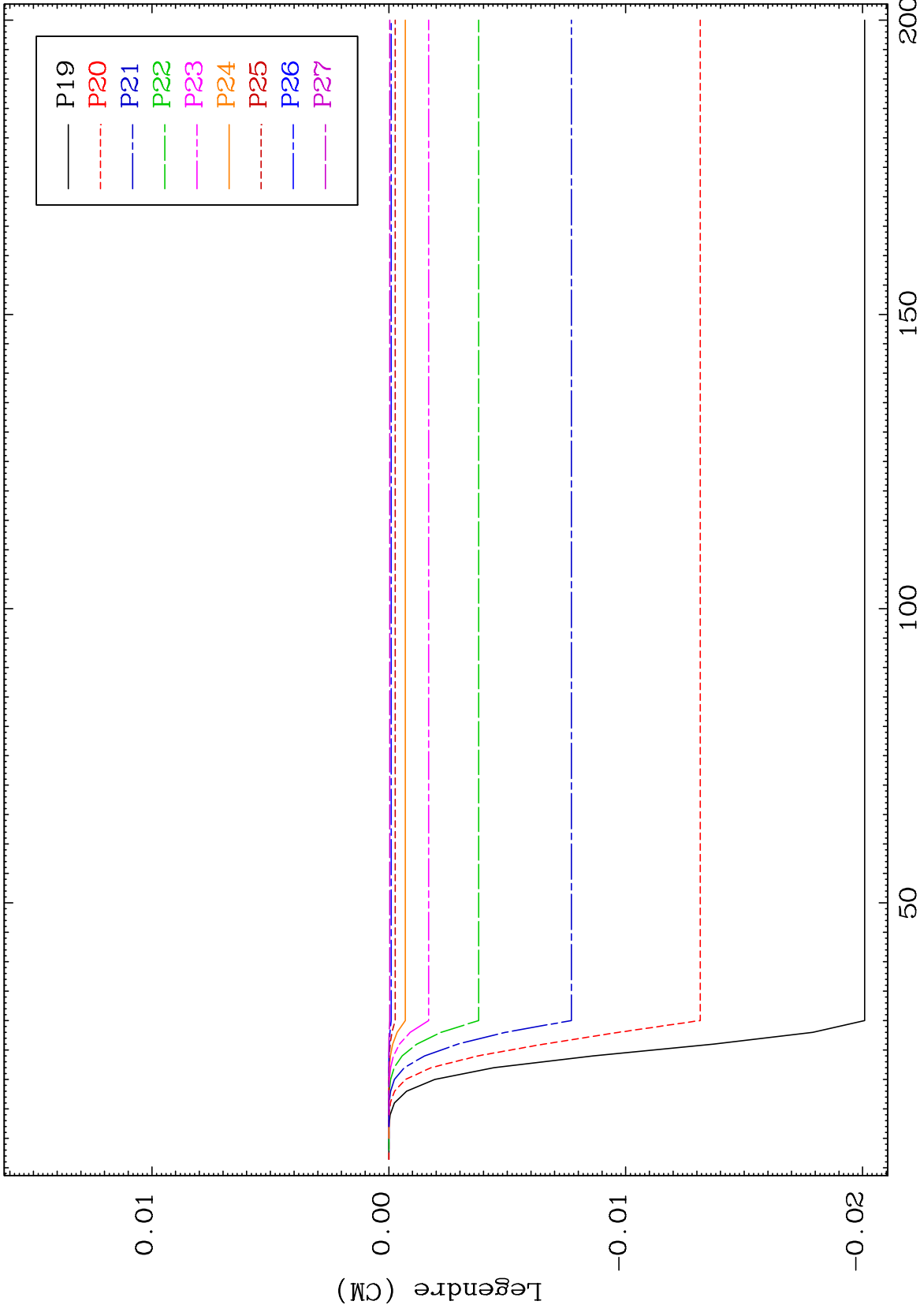
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



131

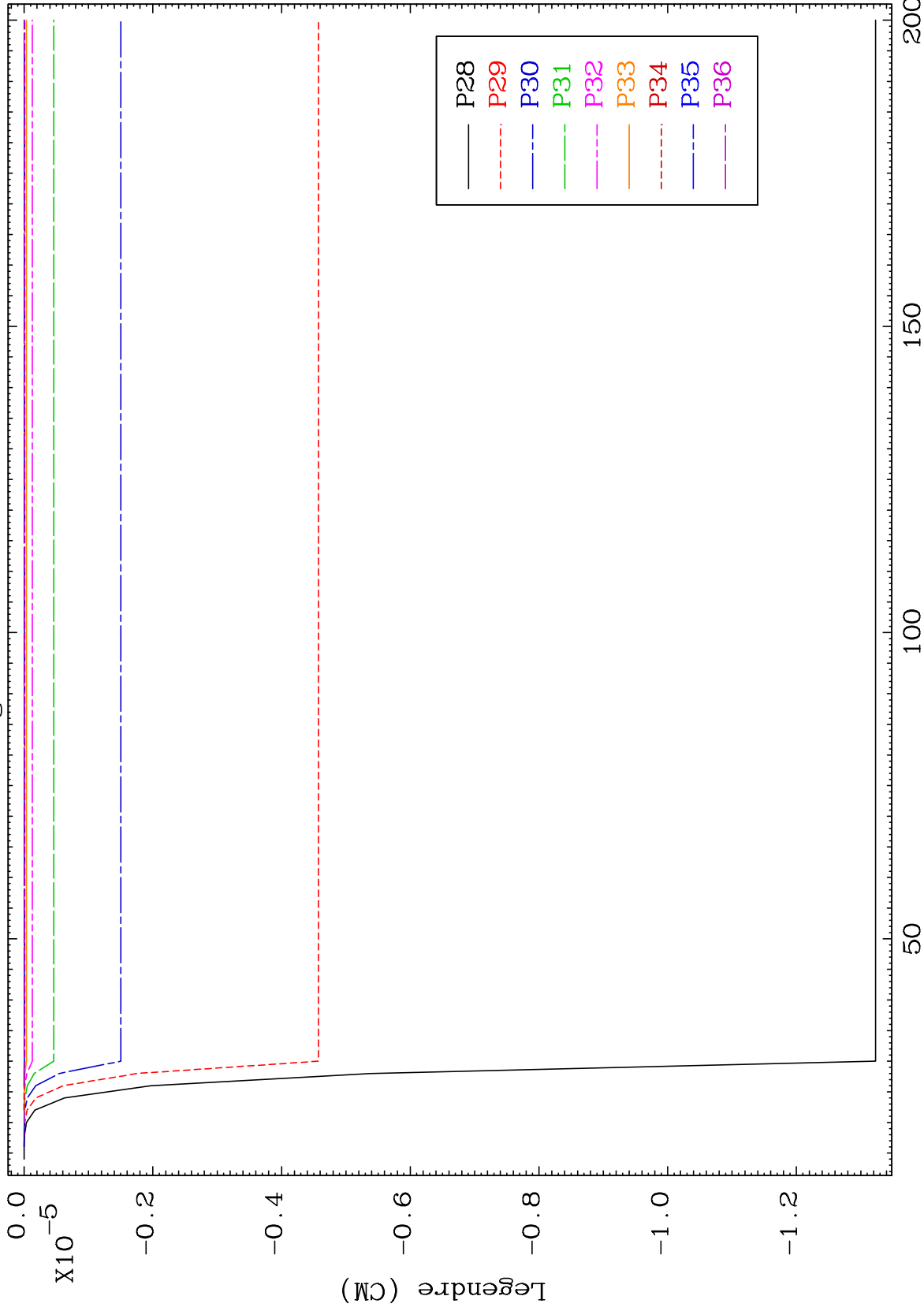
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

Incident Energy (MeV)

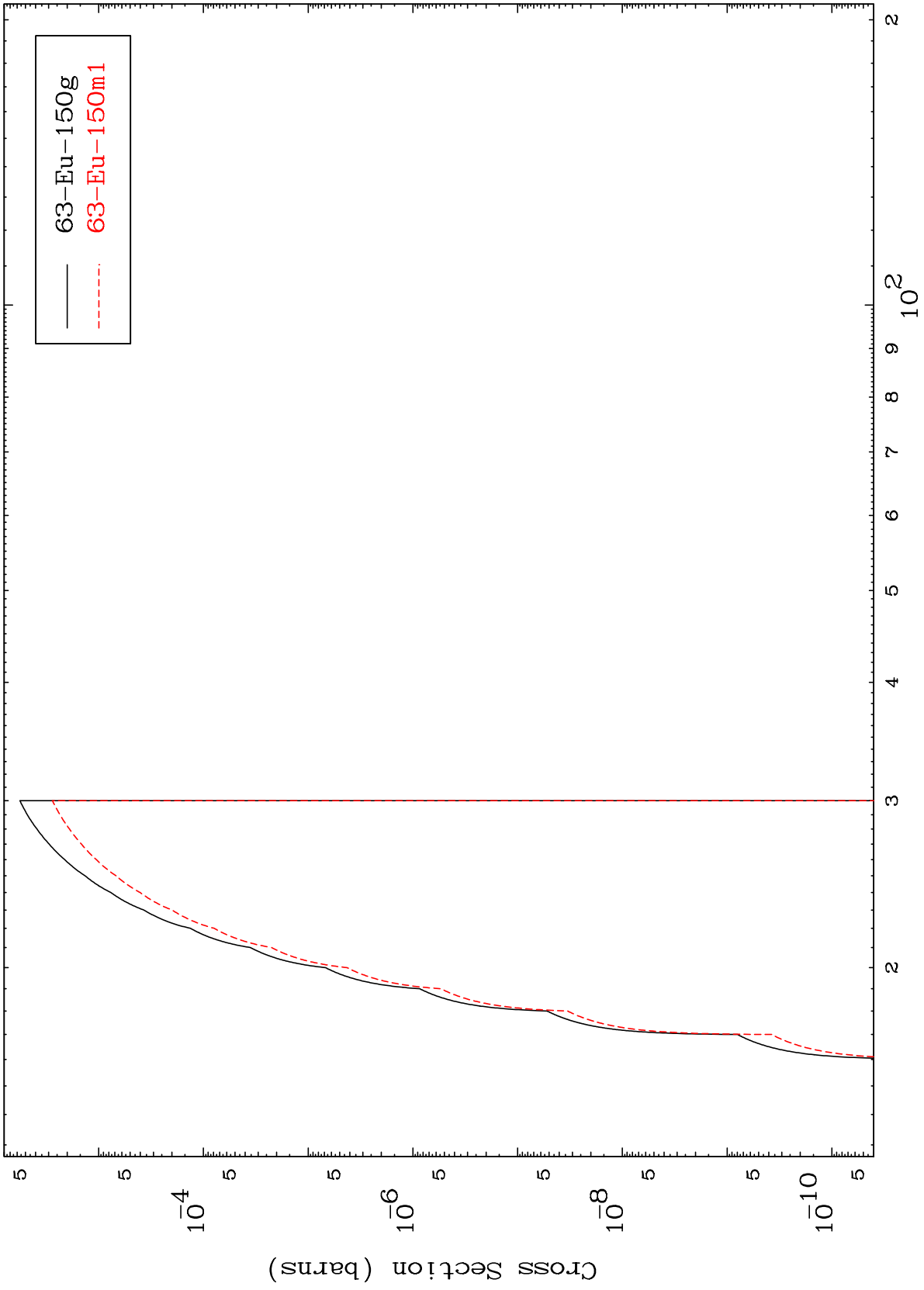
132

MAT 6425

(n,n') d

64-Gd-152

Radionuclide Production Cross Section



133

Incident Energy (MeV)

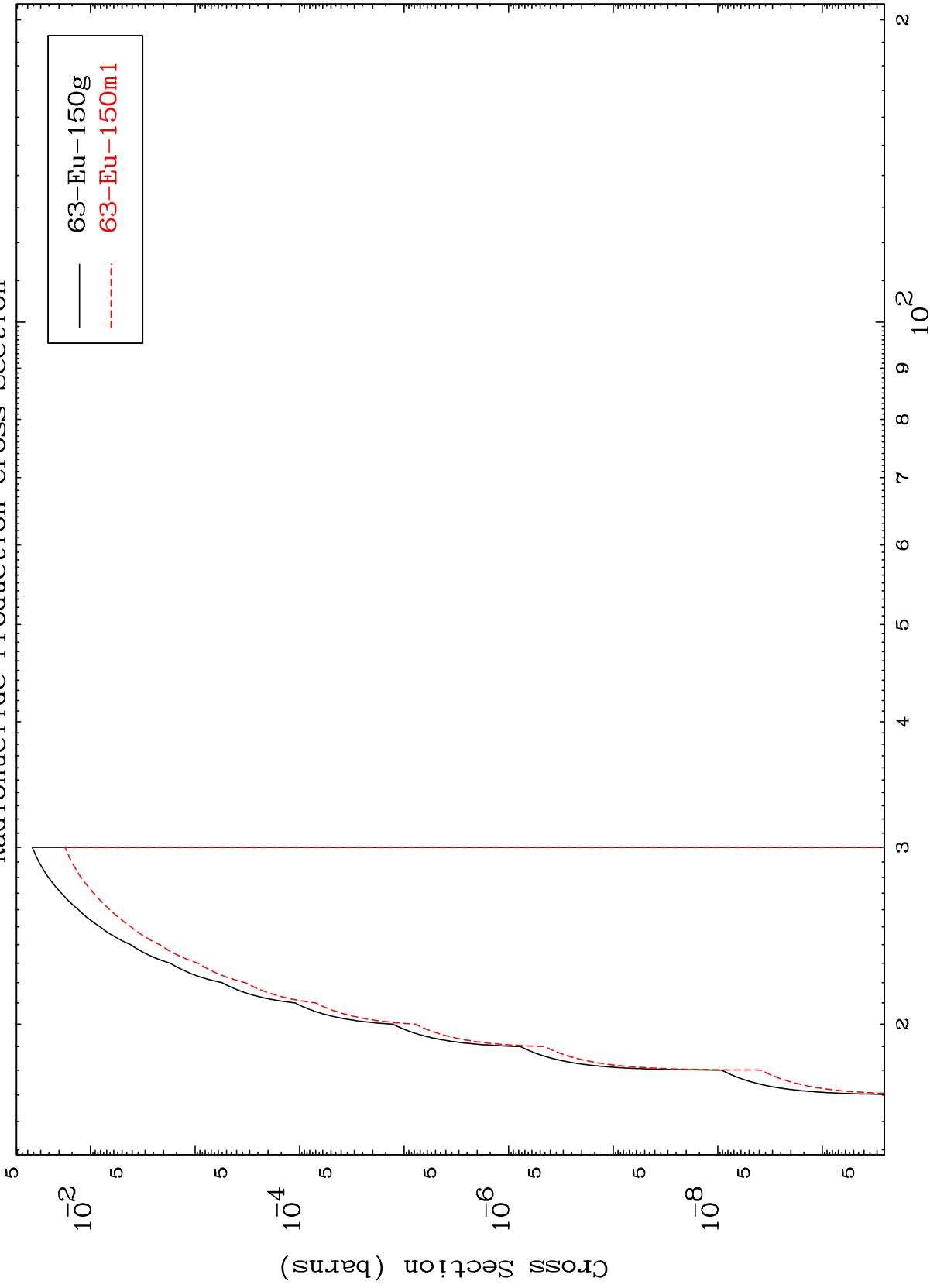
64-Gd-152

MAT 6425

(n,2n) p

64-Gd-152

Radionuclide Production Cross Section



134

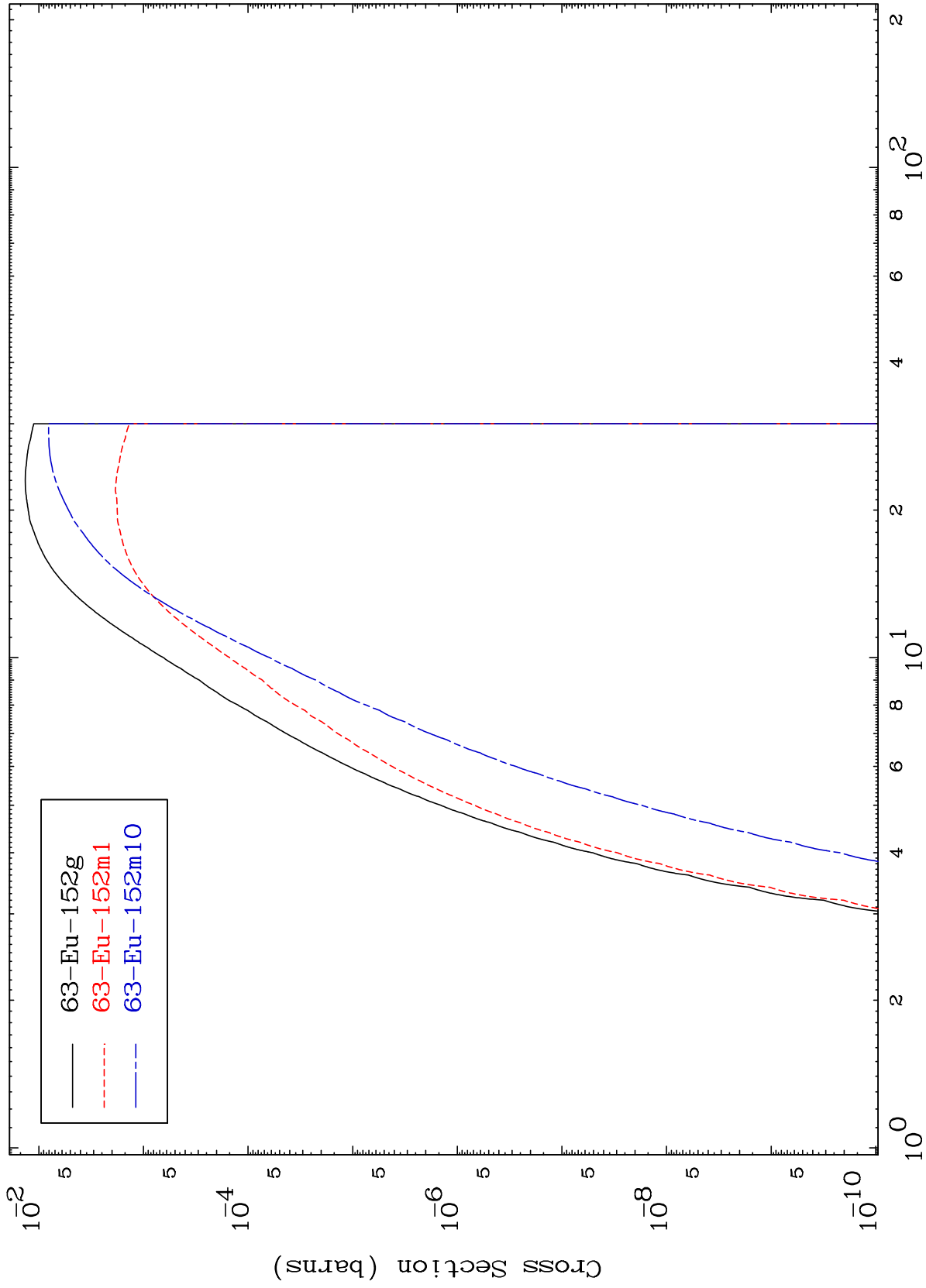
Incident Energy (MeV)

64-Gd-152

MAT 6425

64-Gd-152

(n,p)  
Radionuclide Production Cross Section



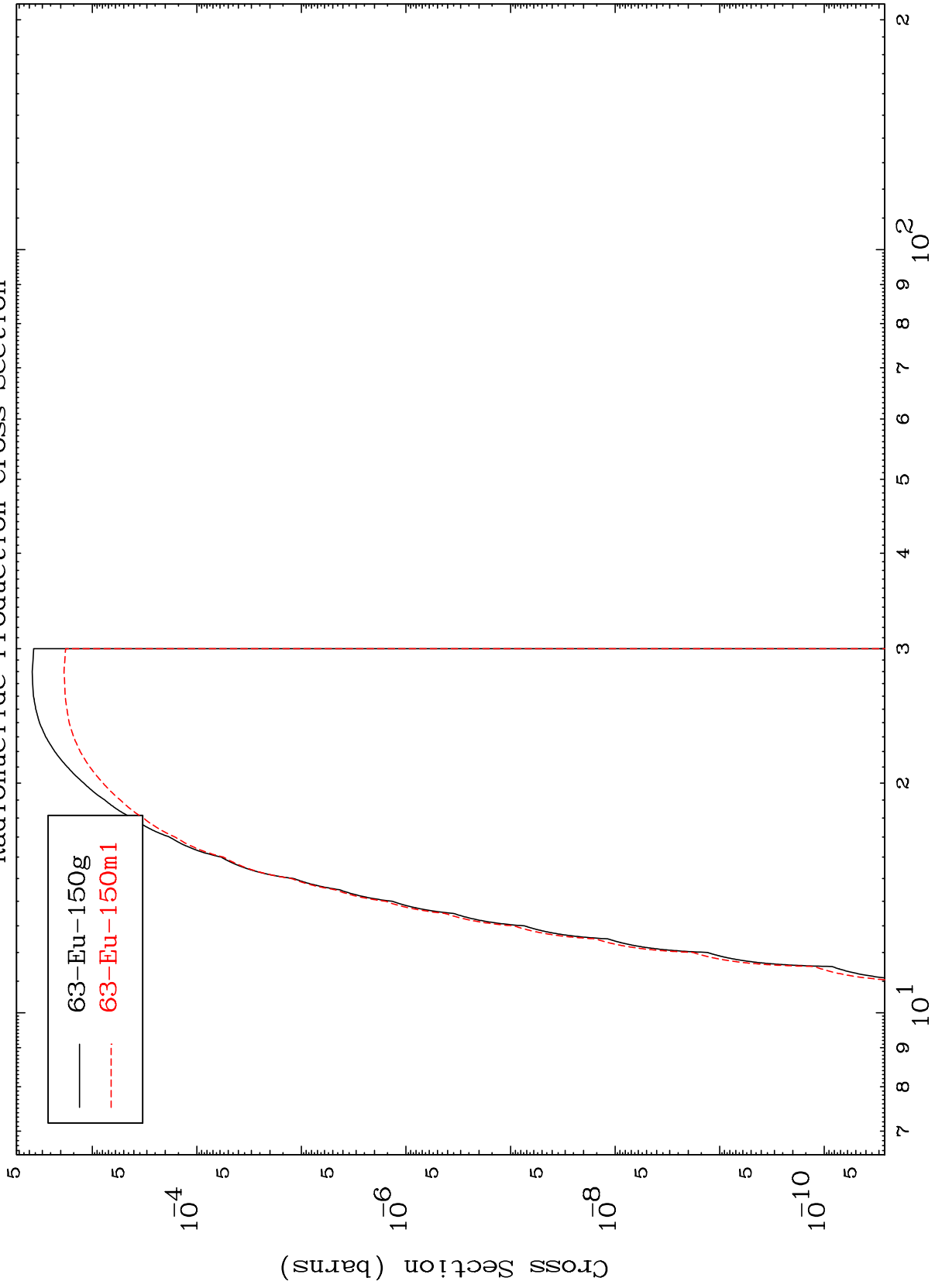
63-Eu-152g  
63-Eu-152m1  
63-Eu-152m10



MAT 6425

64-Gd-152

(n, t)  
Radionuclide Production Cross Section



136

Incident Energy (MeV)

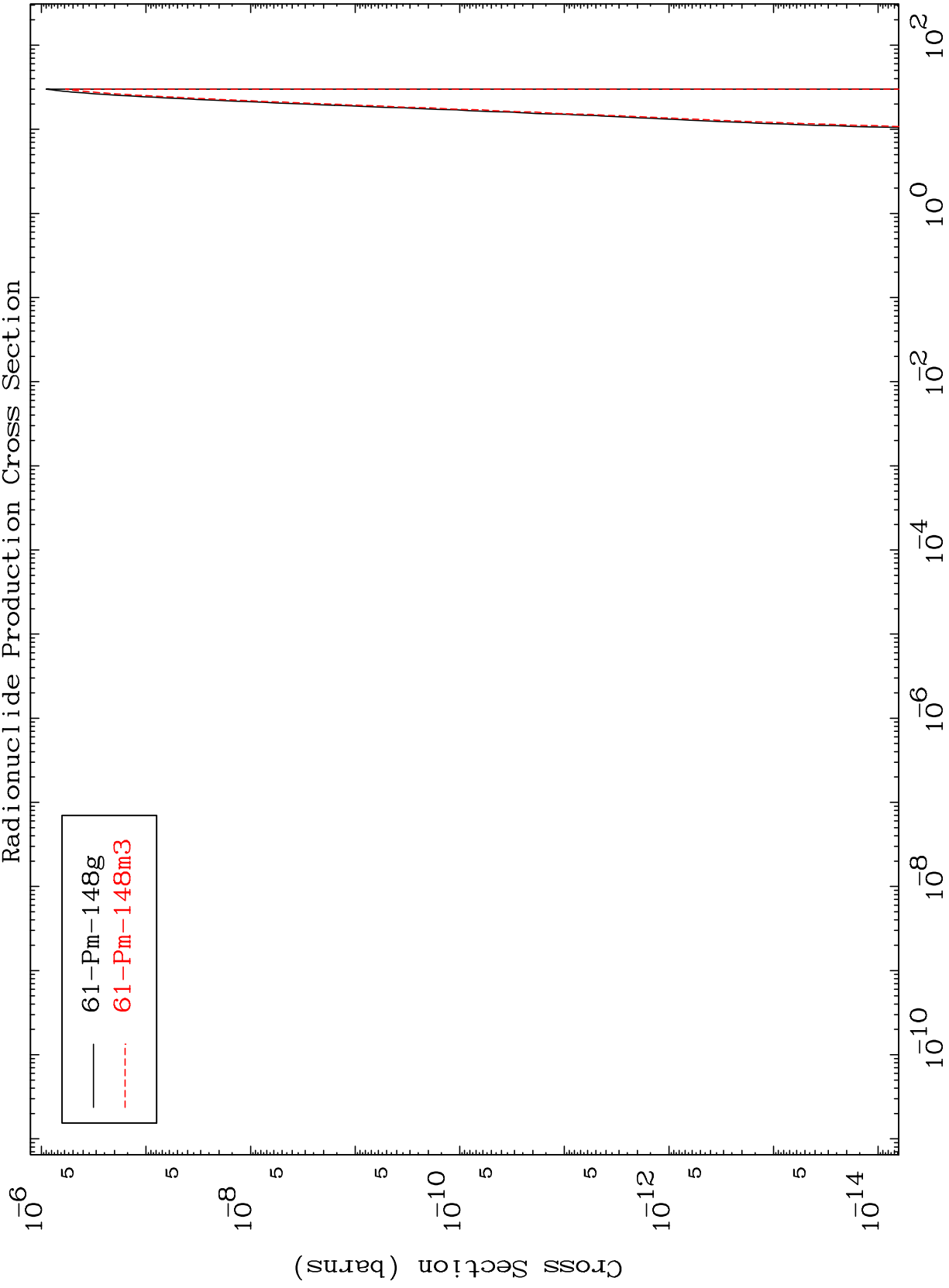
64-Gd-152

MAT 6425

(n,p)  $\alpha$

64-Gd-152

Radionuclide Production Cross Section



137

Incident Energy (MeV)

64-Gd-152