

Program EVALPLOT
(Version 2018-1)

by

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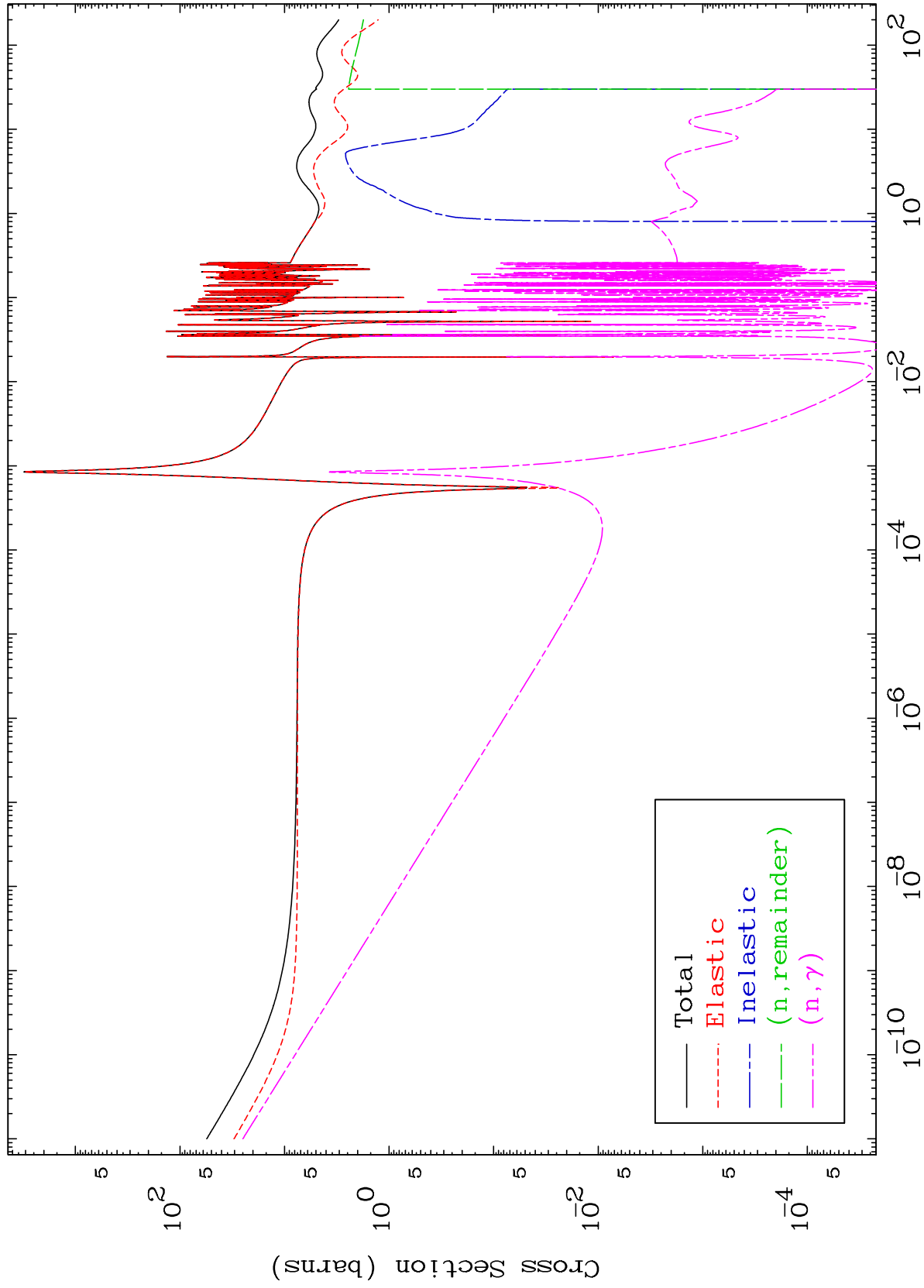
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8243

Major
293 Kelvin Cross Sections

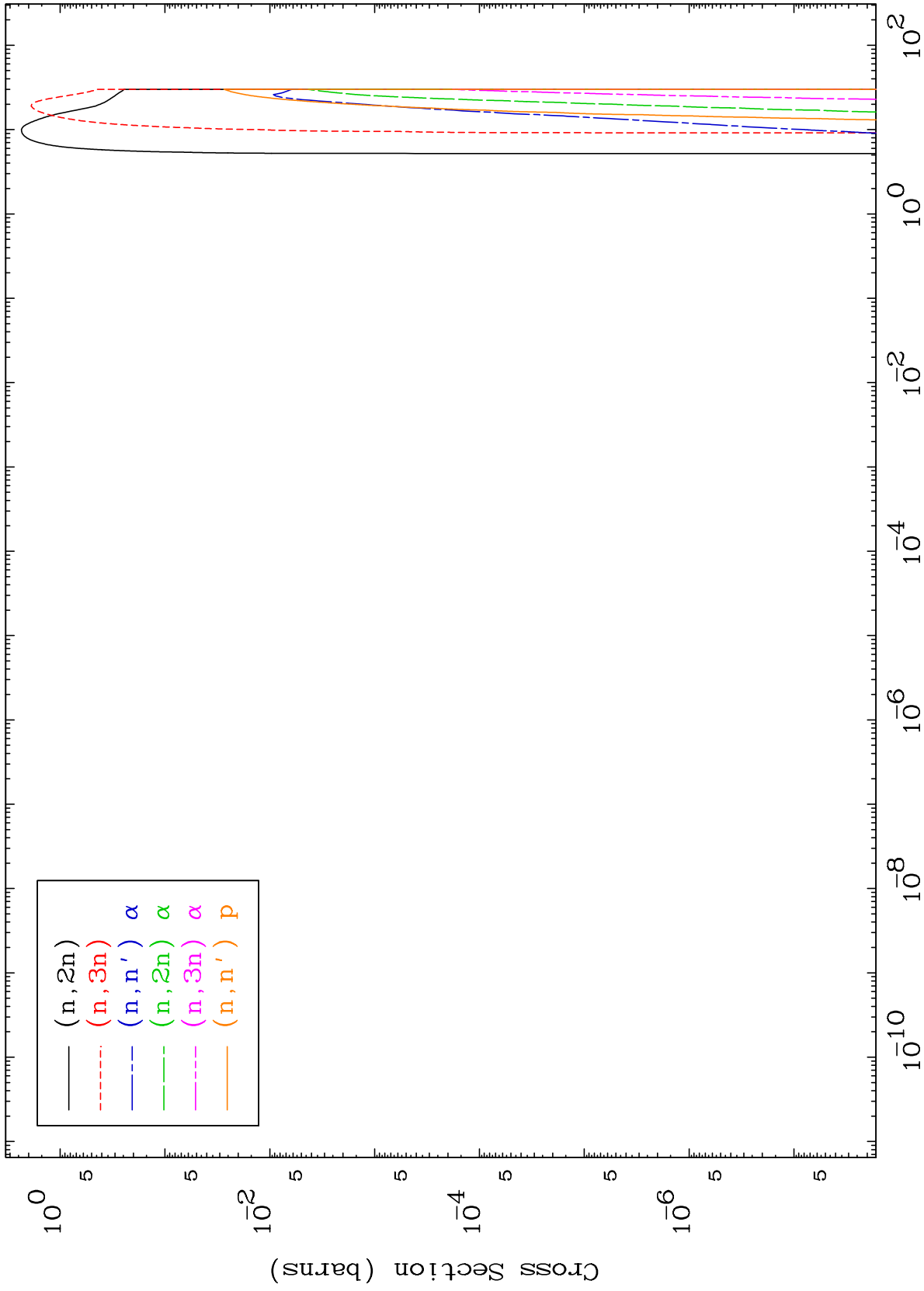
82-Pb-210



MAT 8243

Neutron Production
293 Kelvin Cross Sections

82-Pb-210



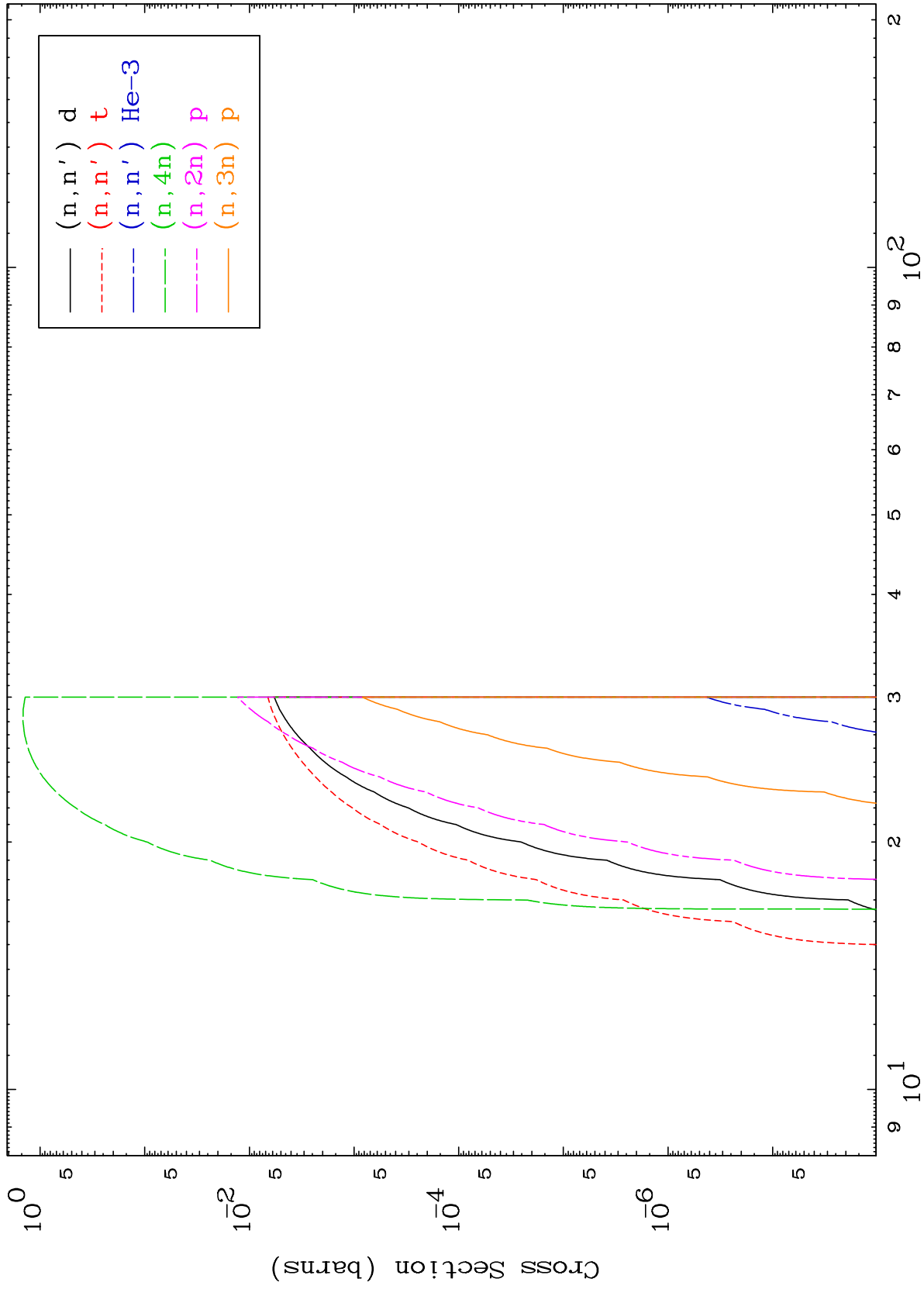
2

82-Pb-210

MAT 8243

Neutron Production
293 Kelvin Cross Sections

82-Pb-210



3

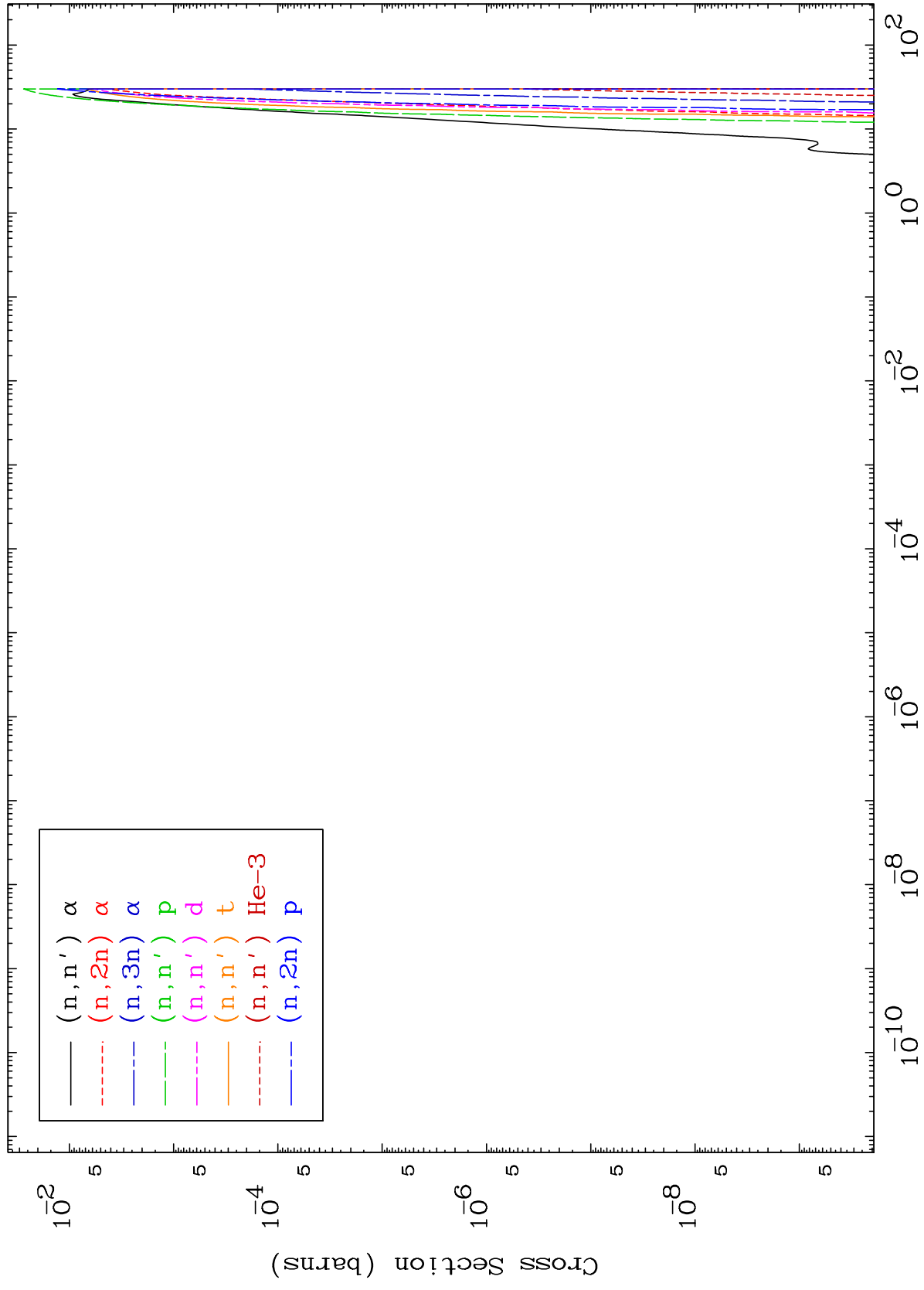
Incident Energy (MeV)

82-Pb-210

MAT 8243

Charged Particle
293 Kelvin Cross Sections

82-Pb-210



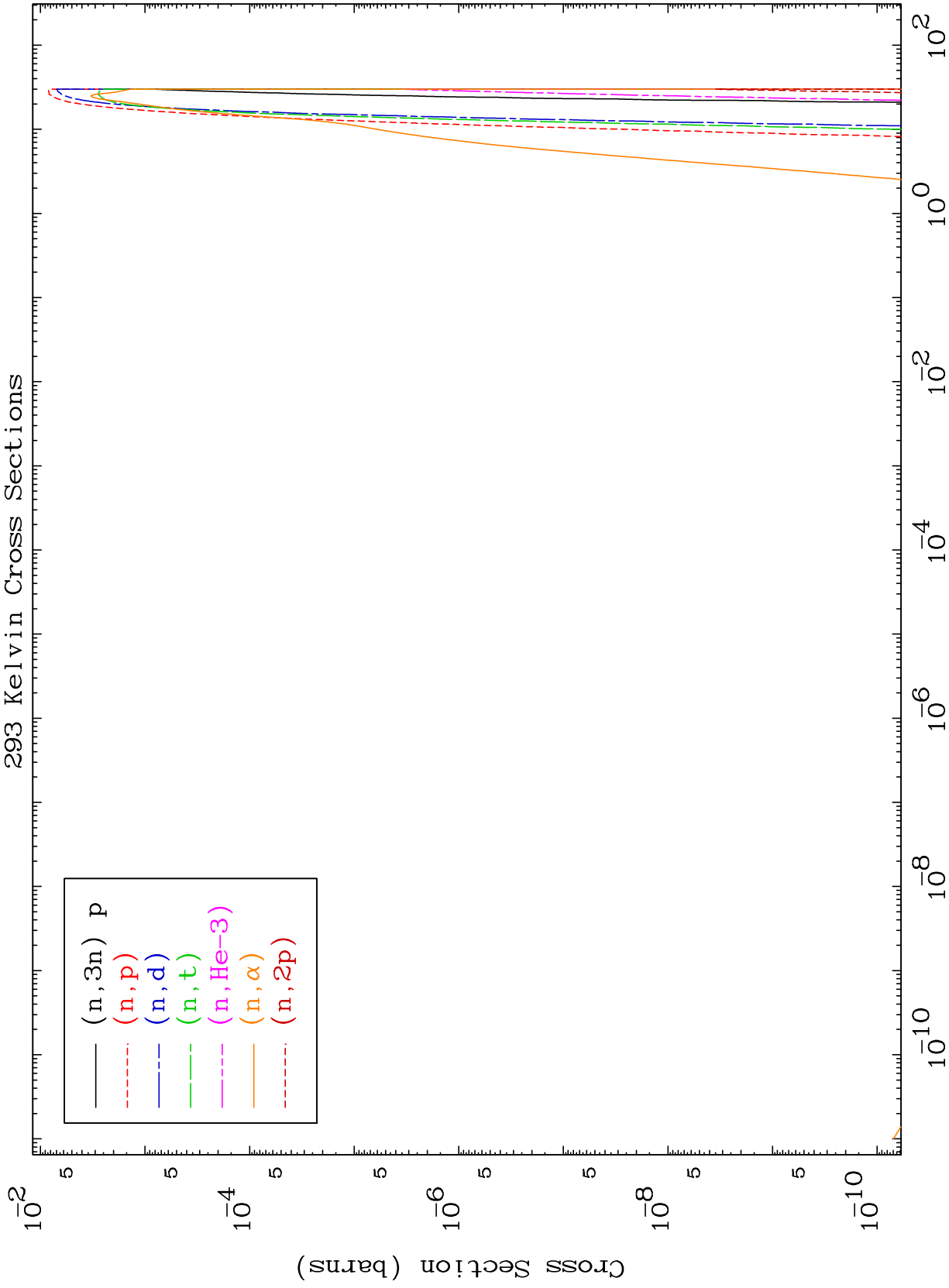
82-Pb-210

Incident Energy (MeV)

MAT 8243

Charged Particle
293 Kelvin Cross Sections

82-Pb-210



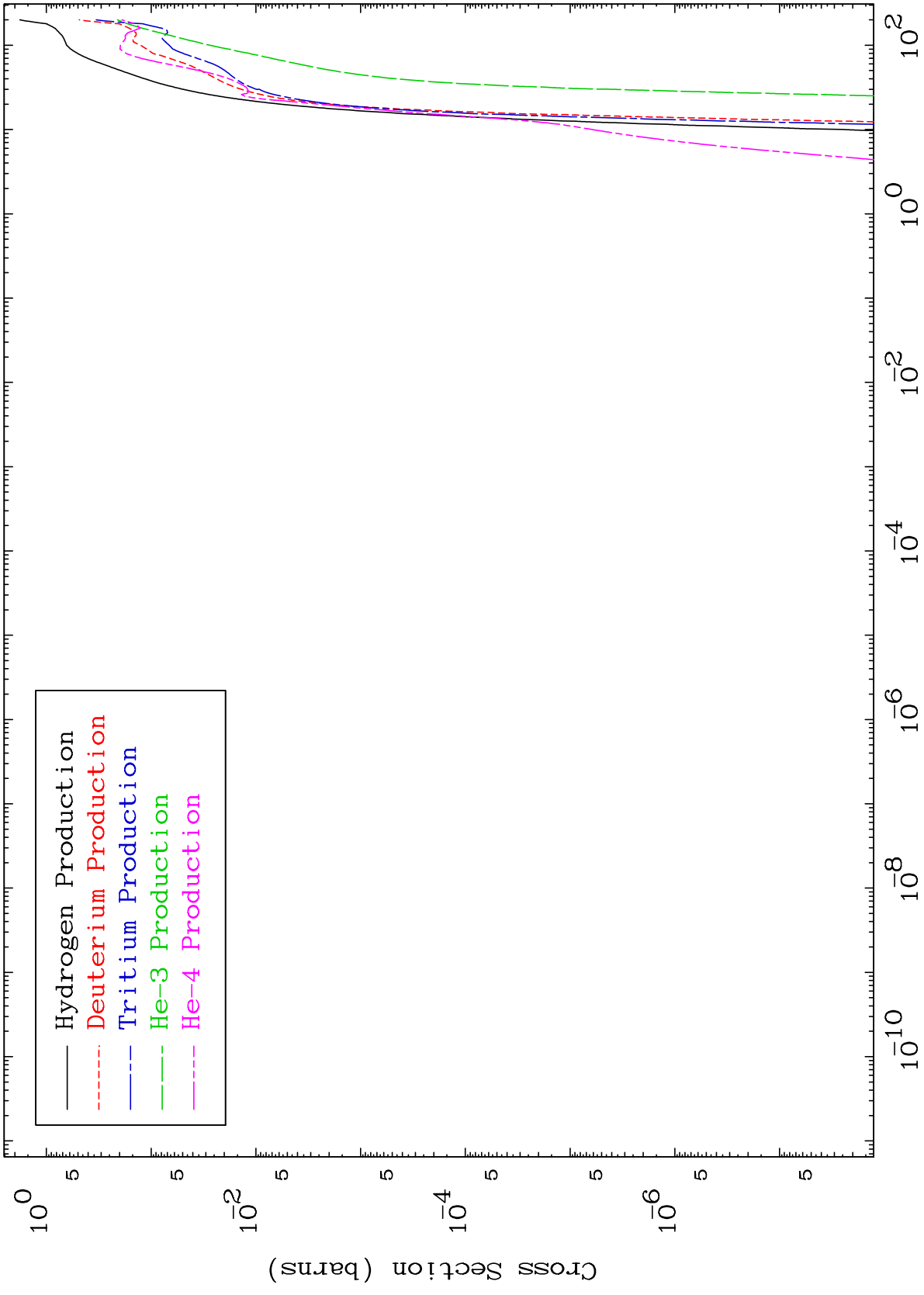
5

82-Pb-210

MAT 8243

Particle Production
293 Kelvin Cross Sections

82-Pb-210



82-Pb-210

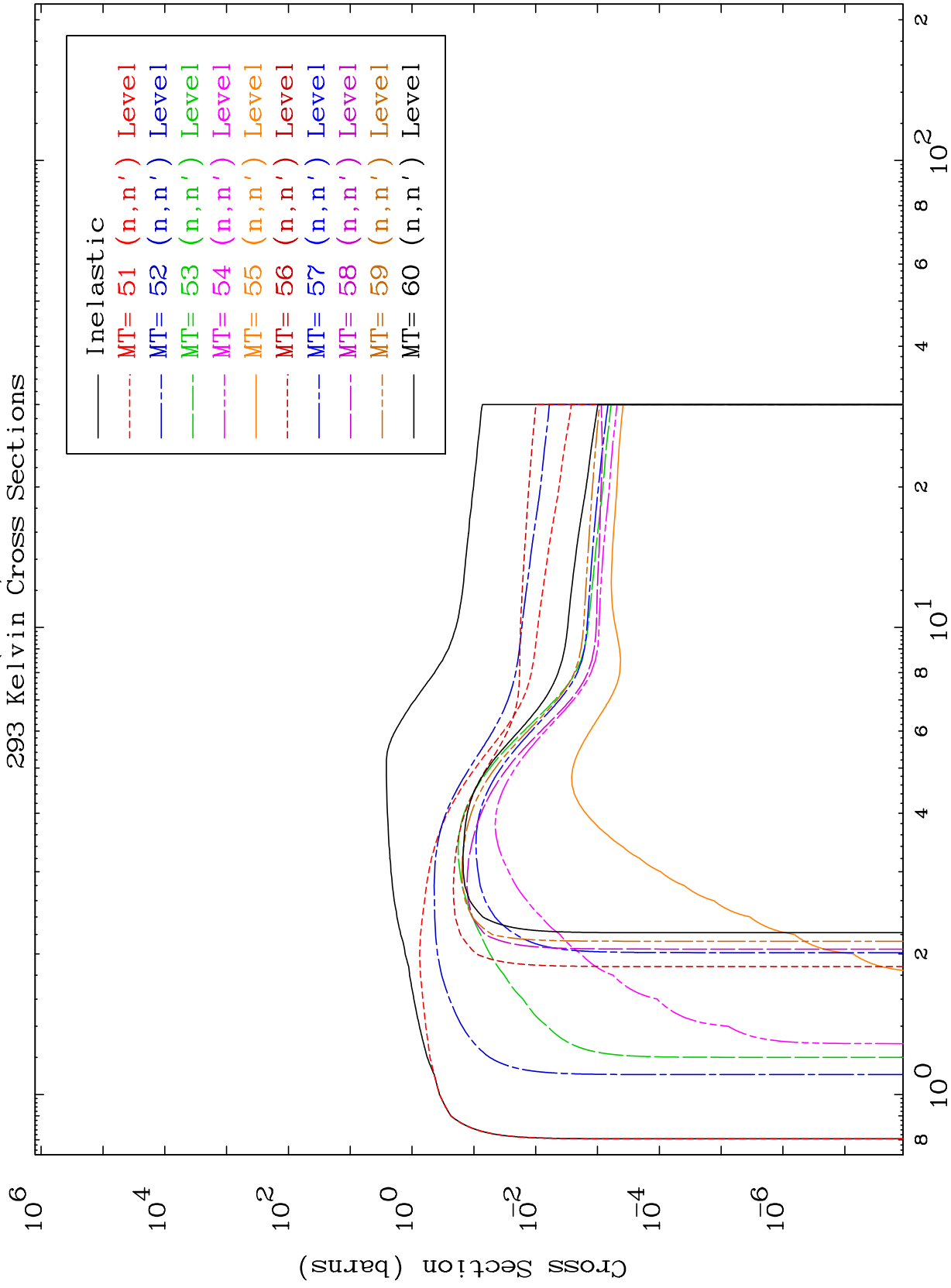
MAT 8243

(n,n') Level

82-Pb-210

293 Kelvin Cross Sections

82-Pb-210



7

Incident Energy (MeV)

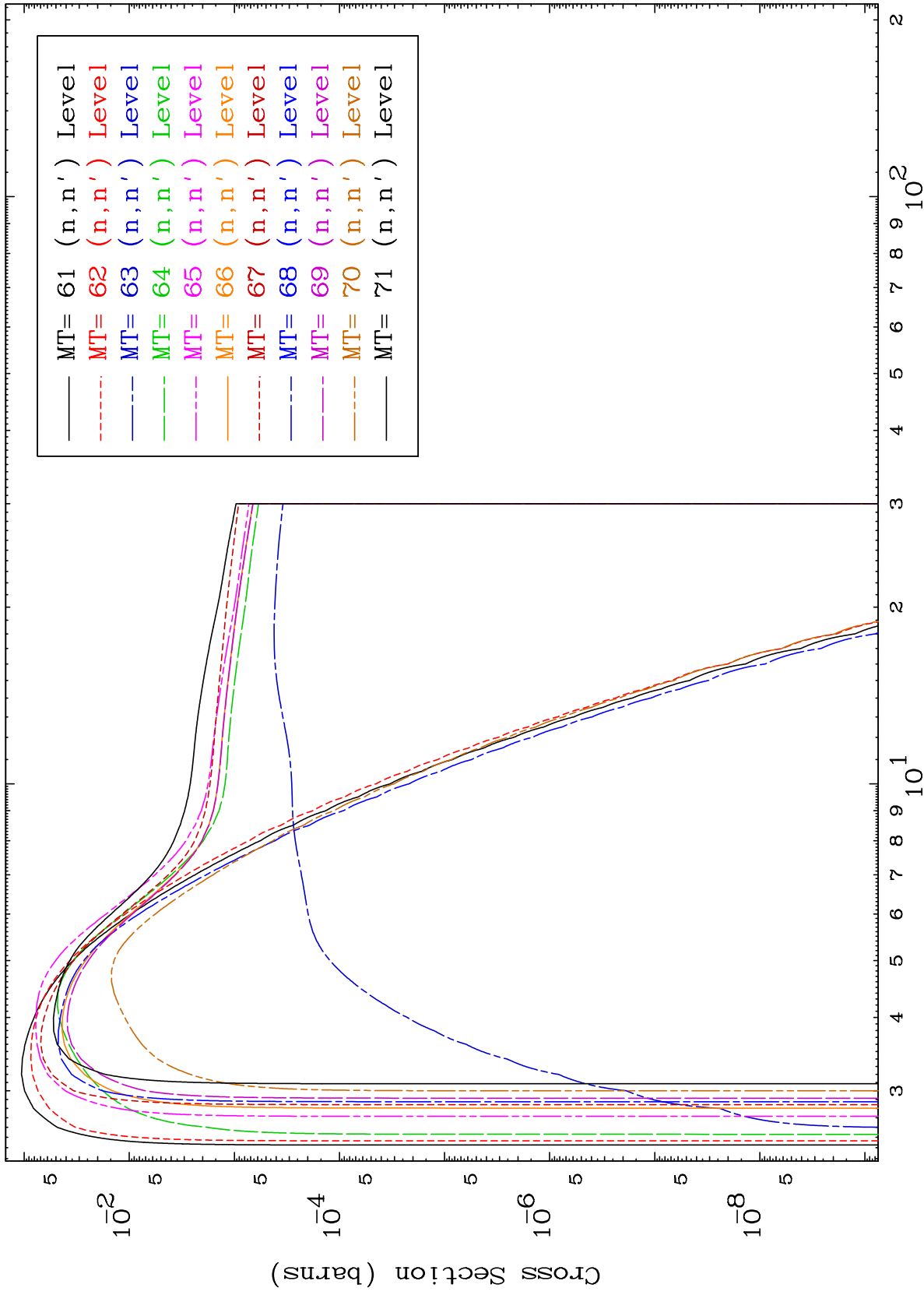
82-Pb-210

MAT 8243

(n,n') Level

82-Pb-210

293 Kelvin Cross Sections



8

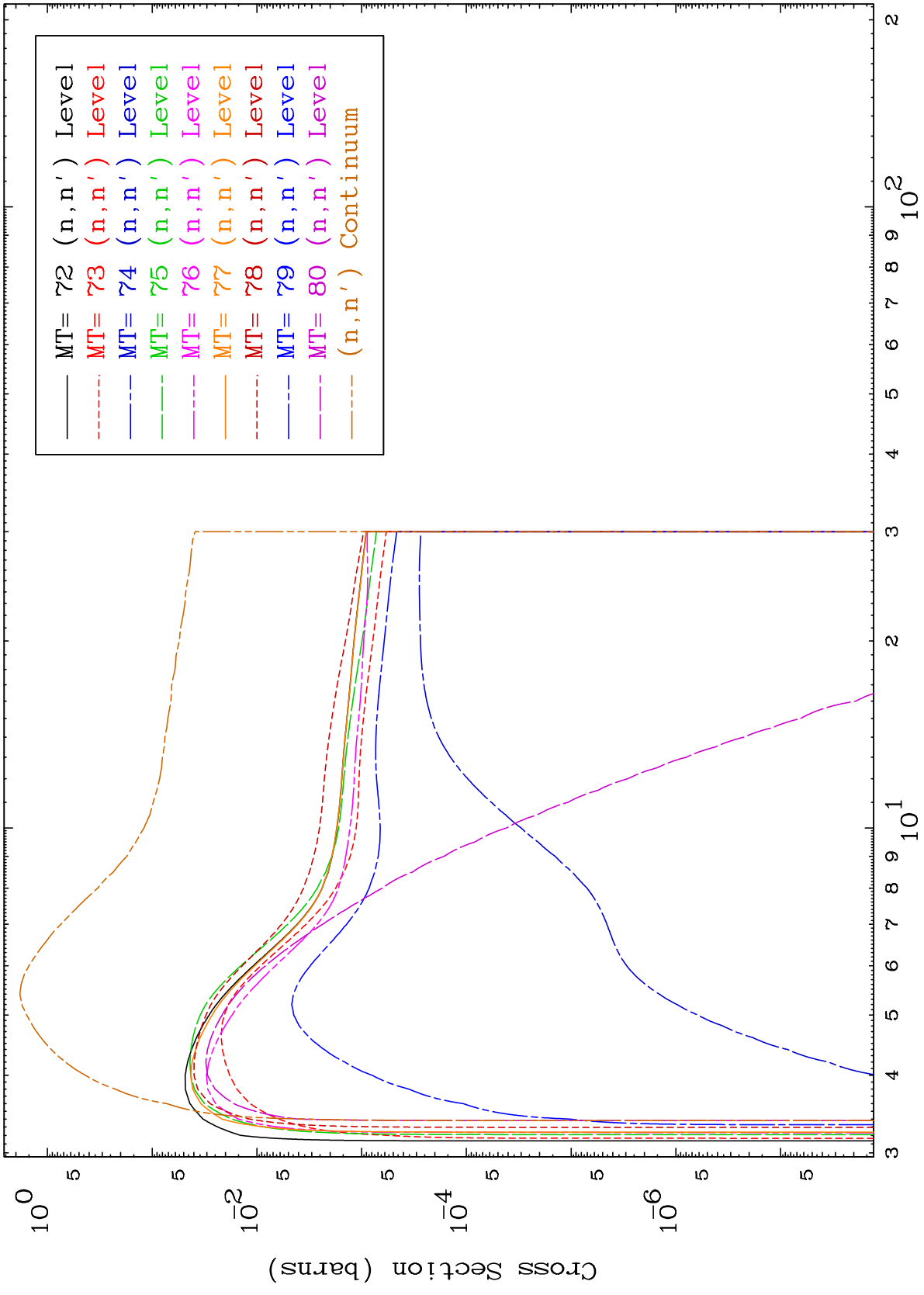
Incident Energy (MeV)

82-Pb-210

MAT 8243

(n,n') Level
293 Kelvin Cross Sections

82-Pb-210



9

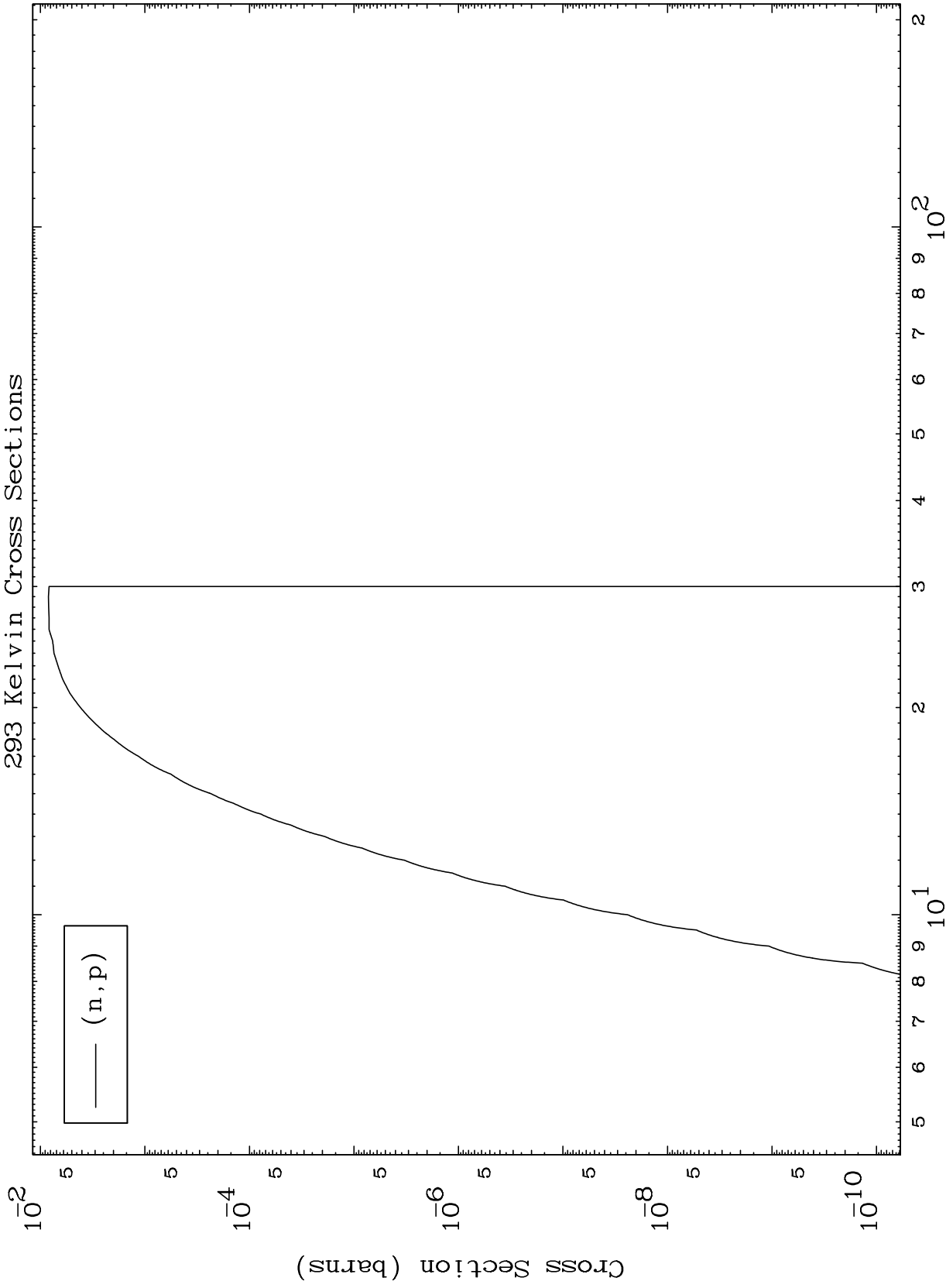
Incident Energy (MeV)

82-Pb-210

MAT 8243

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-210



10

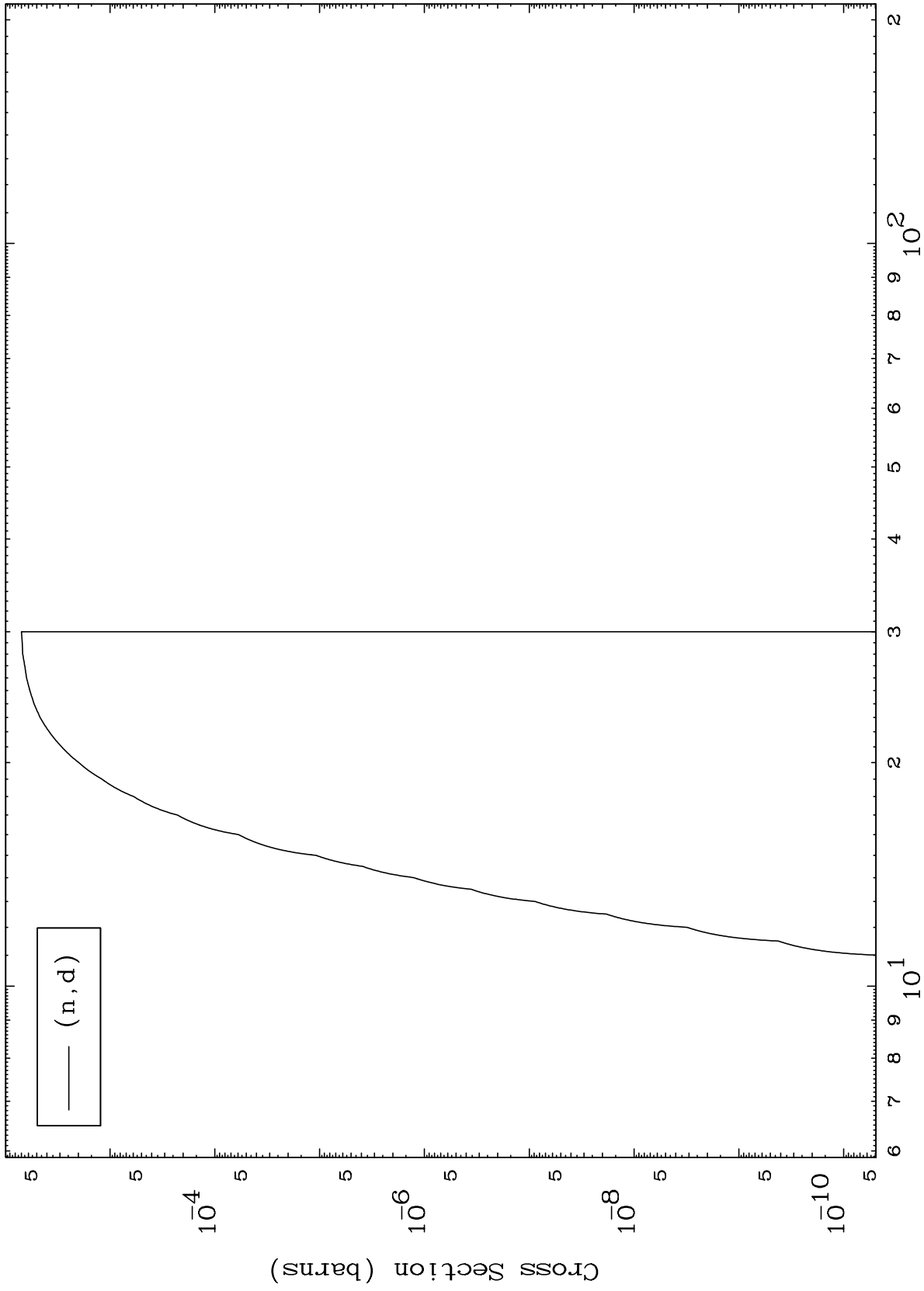
Incident Energy (MeV)

82-Pb-210

MAT 8243

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-210



11

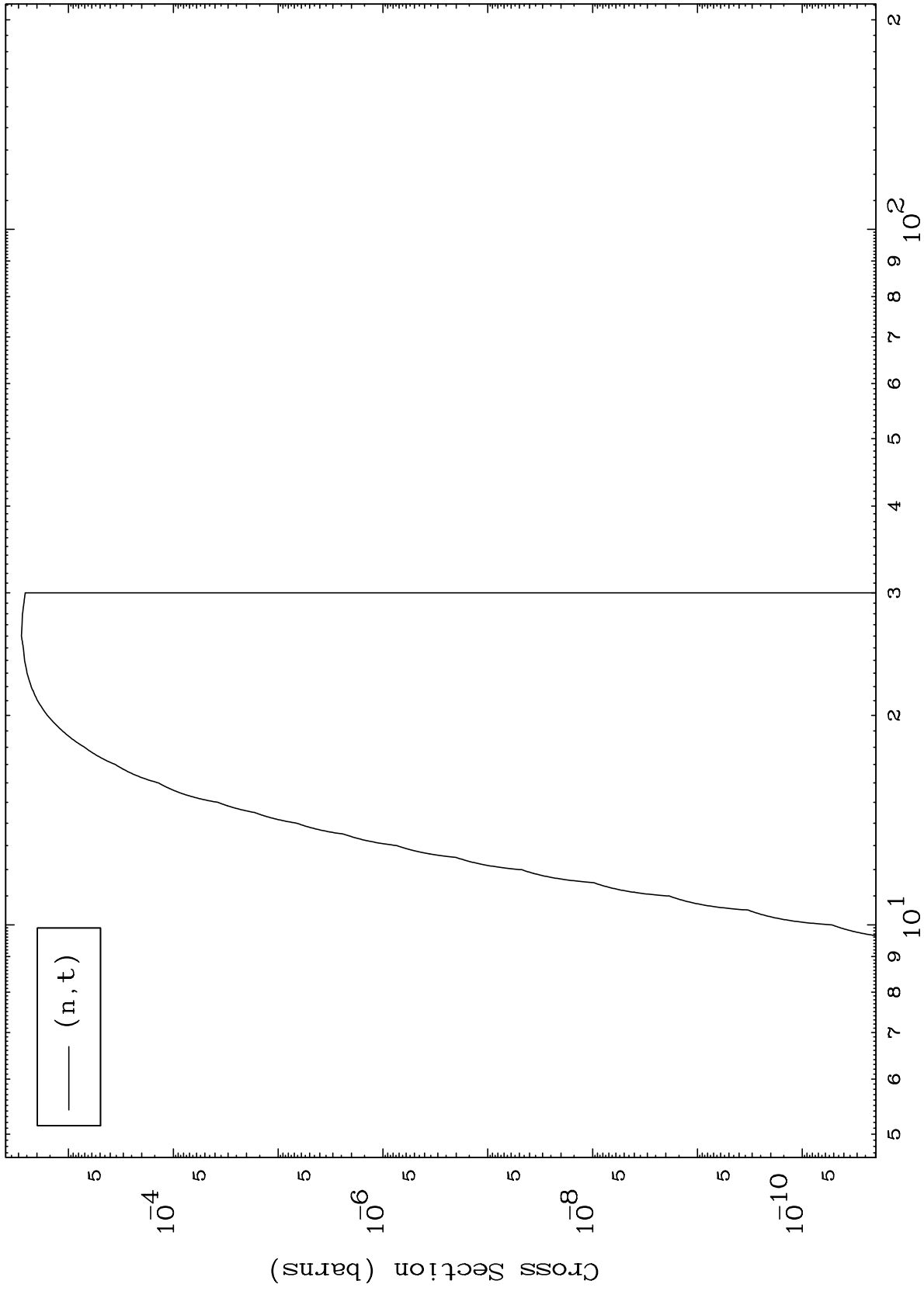
Incident Energy (MeV)

82-Pb-210

MAT 8243

82-Pb-210

(n,t) Levels
293 Kelvin Cross Sections



12

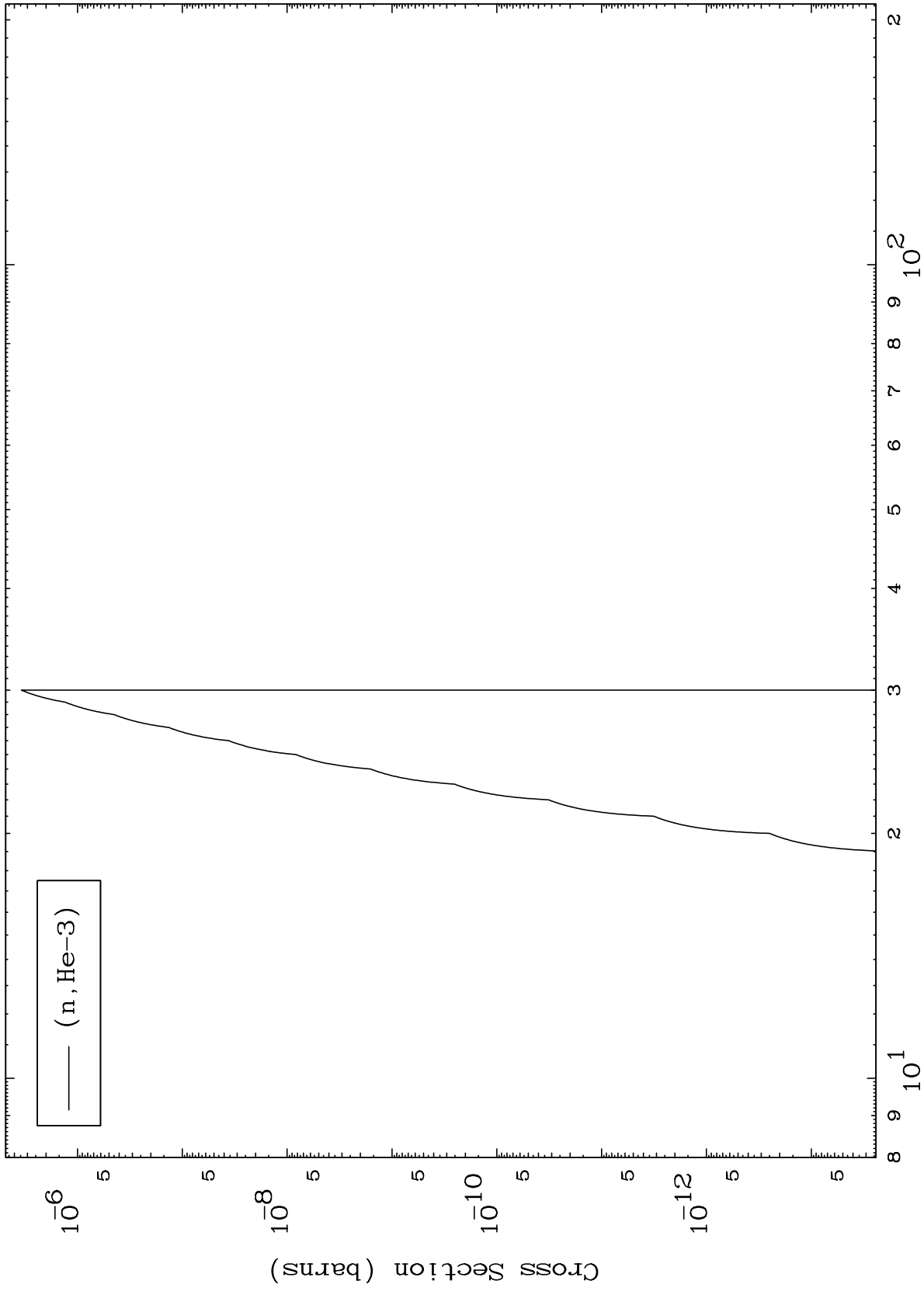
Incident Energy (MeV)

82-Pb-210

MAT 8243

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-210



13

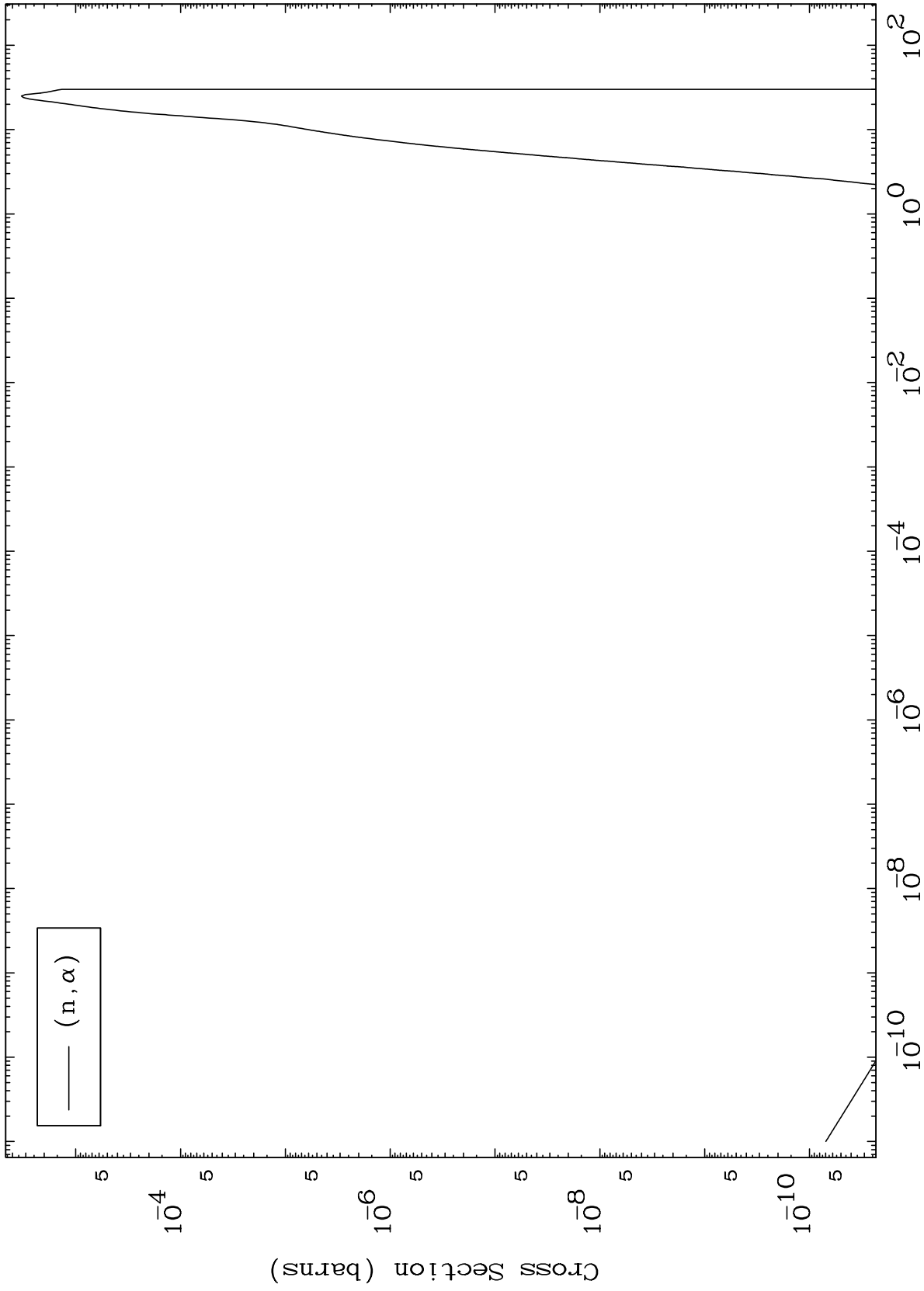
Incident Energy (MeV)

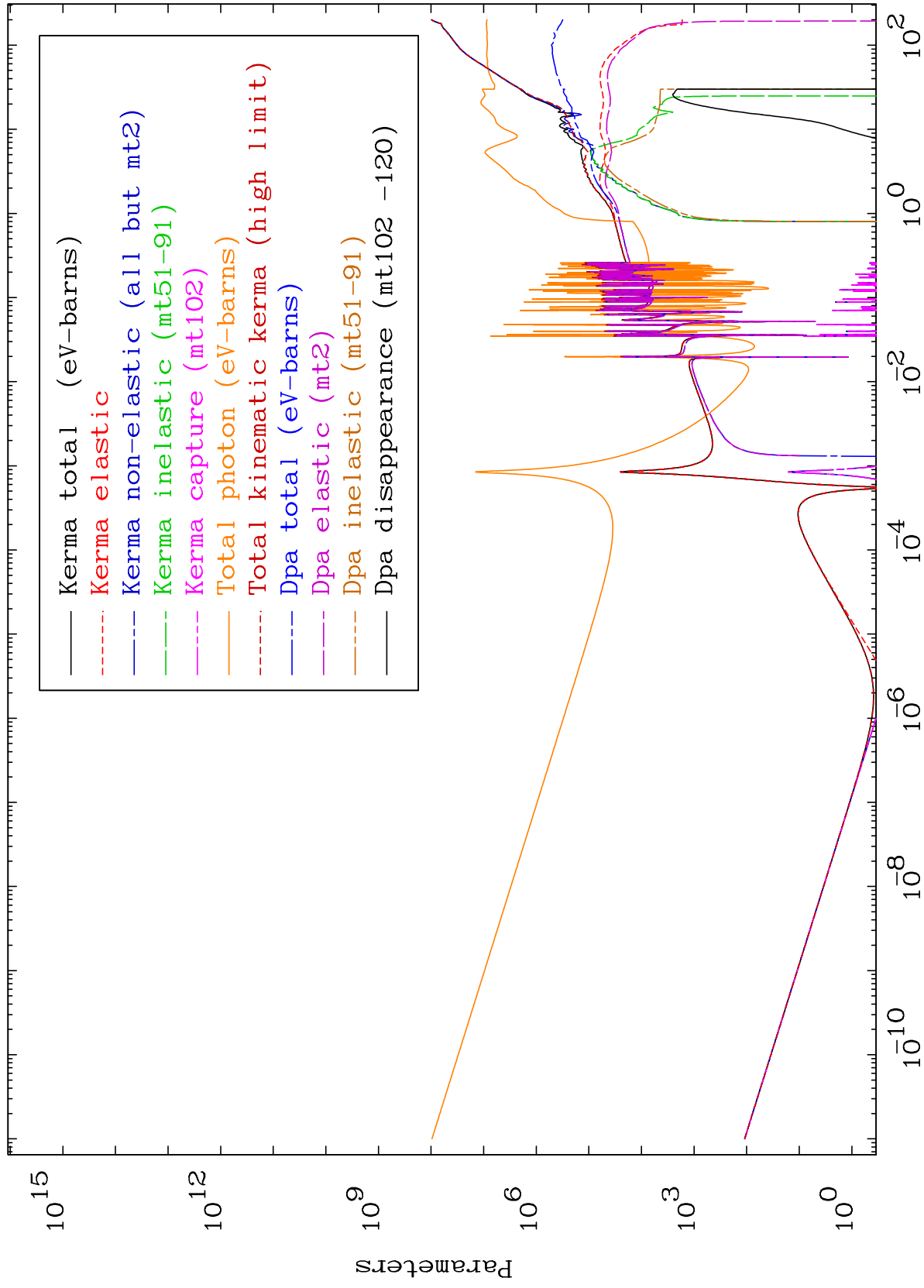
82-Pb-210

MAT 8243

(n,α) Levels
293 Kelvin Cross Sections

82-Pb-210

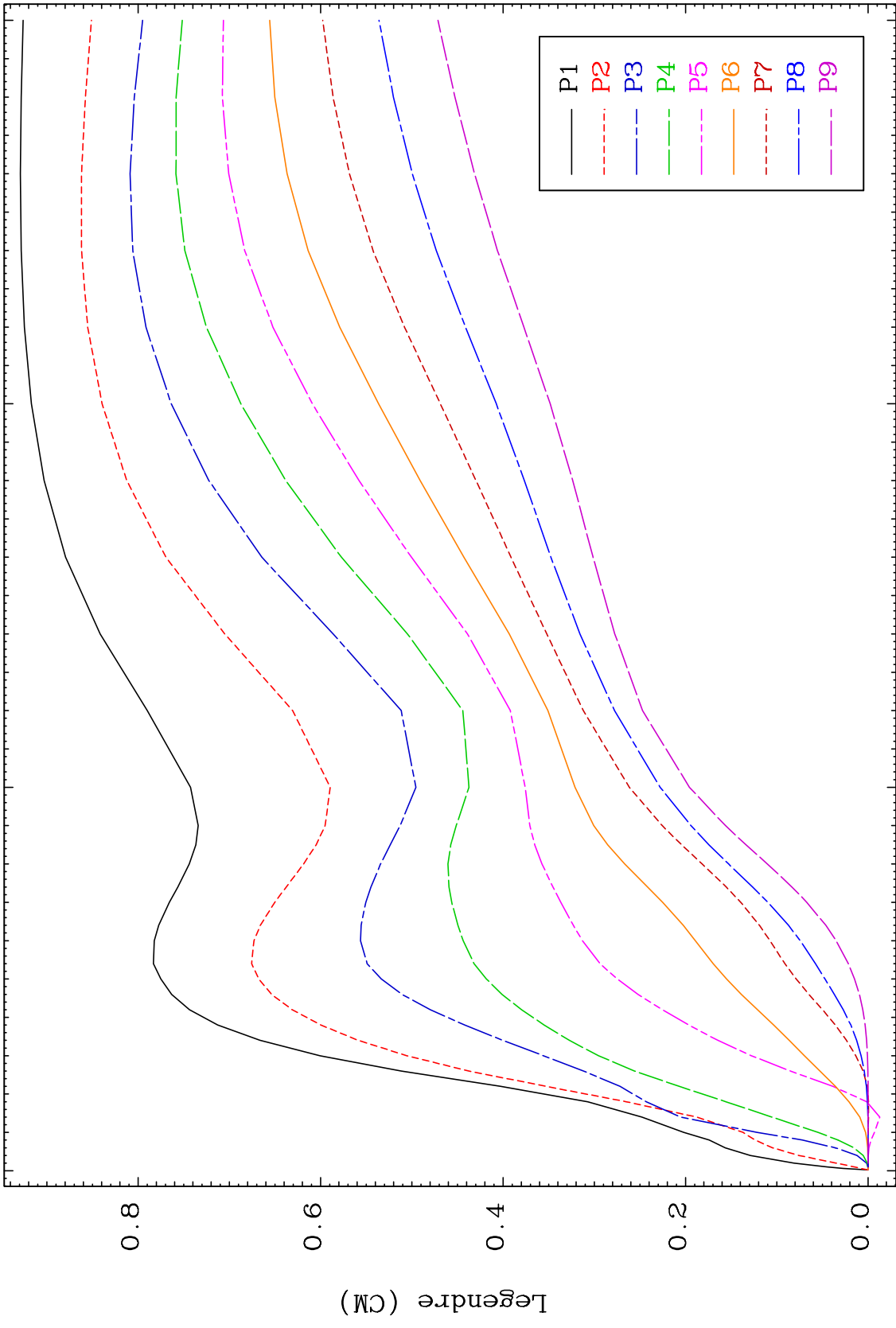




MAT 8243

Elastic Legendre Coefficients

82-Pb-210



0

0.0

0.2

0.4

0.6

0.8

10

20

30

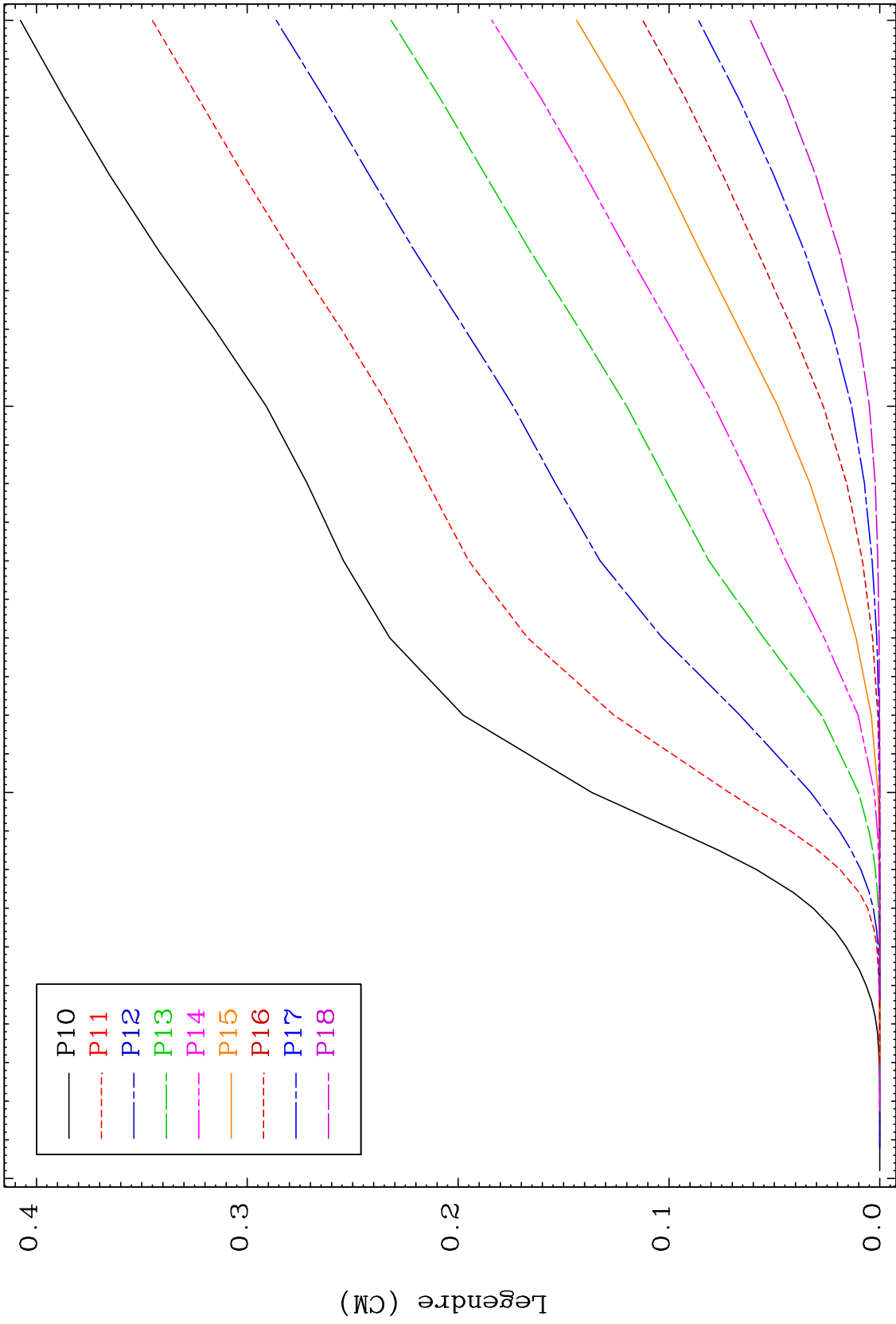
Incident Energy (MeV)

82-Pb-210

MAT 8243

Elastic Legendre Coefficients

82-Pb-210



17

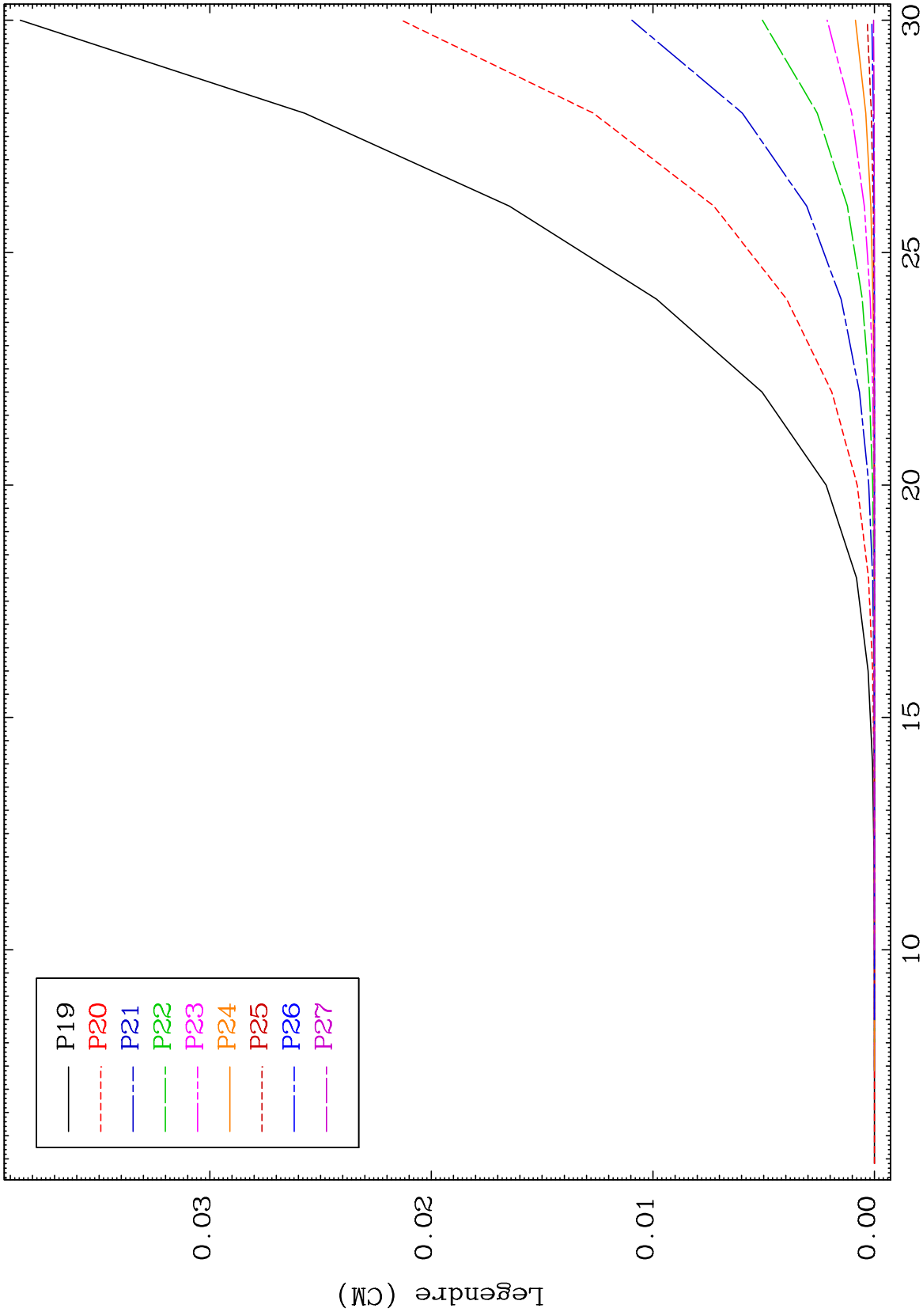
Incident Energy (MeV)

82-Pb-210

MAT 8243

Elastic Legendre Coefficients

82-Pb-210



18

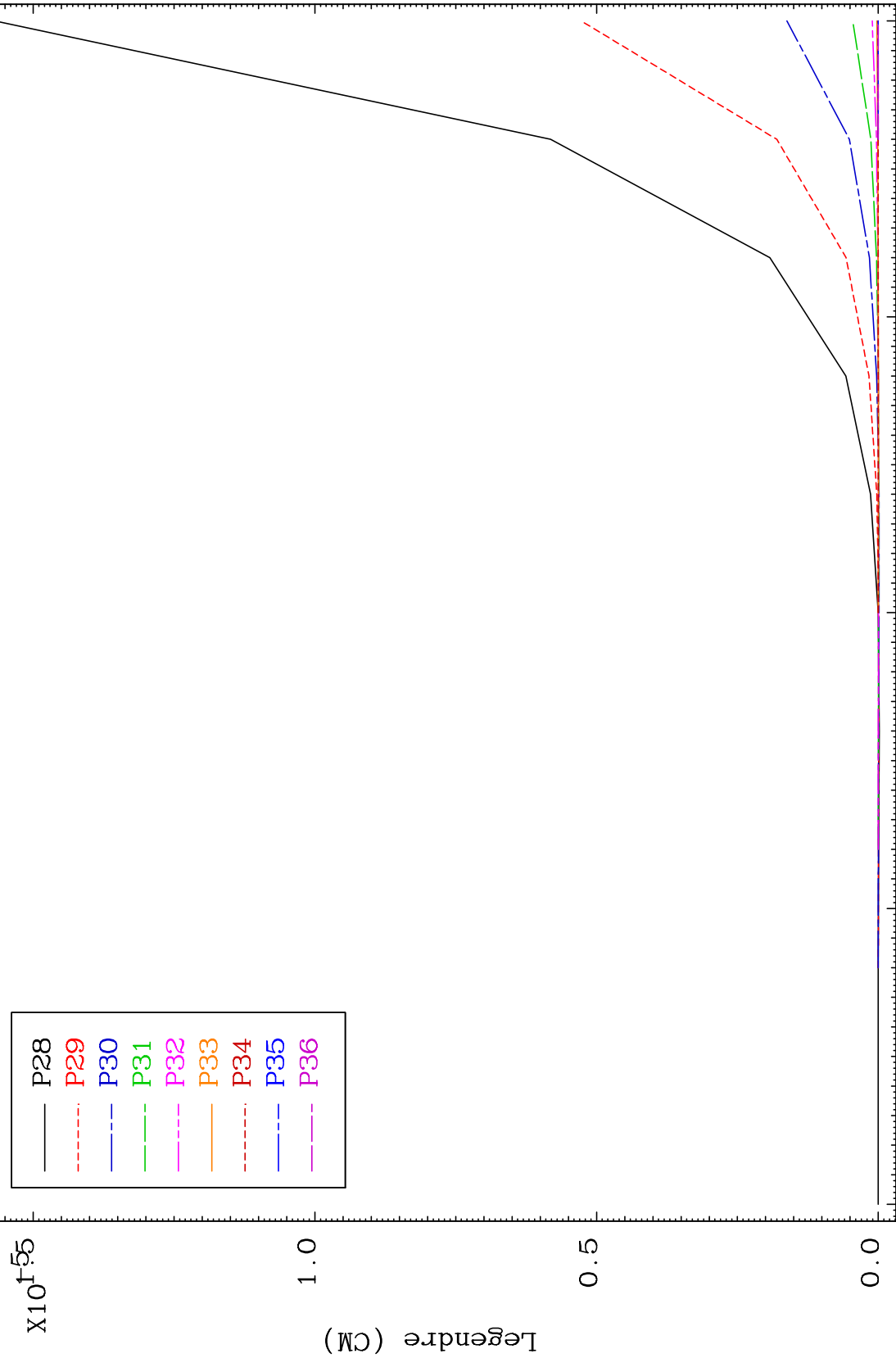
Incident Energy (MeV)

82-Pb-210

MAT 8243

Elastic Legendre Coefficients

82-Pb-210



19

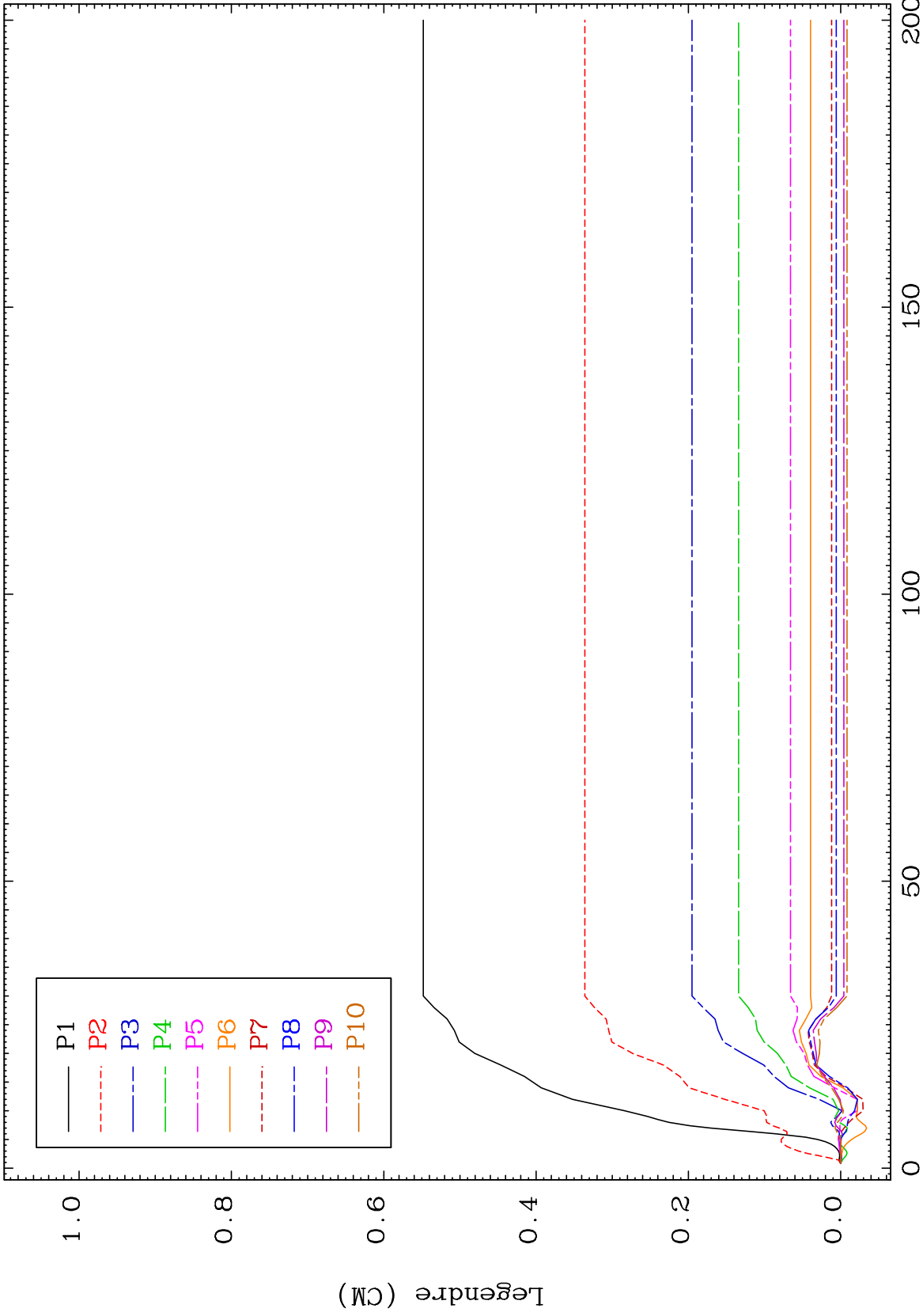
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



82-Pb-210

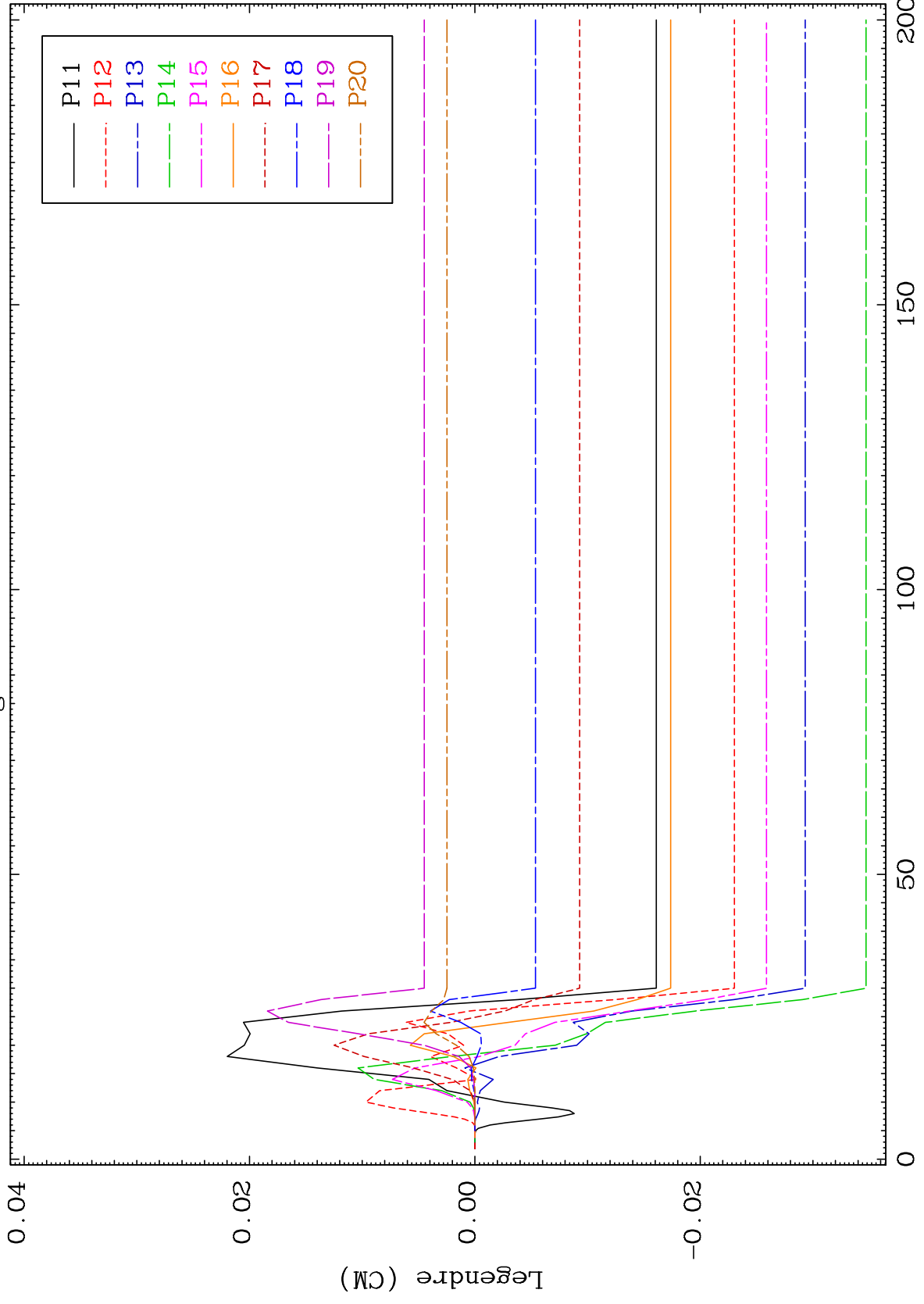
Incident Energy (MeV)

20

MAT 8243

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

82-Pb-210



21

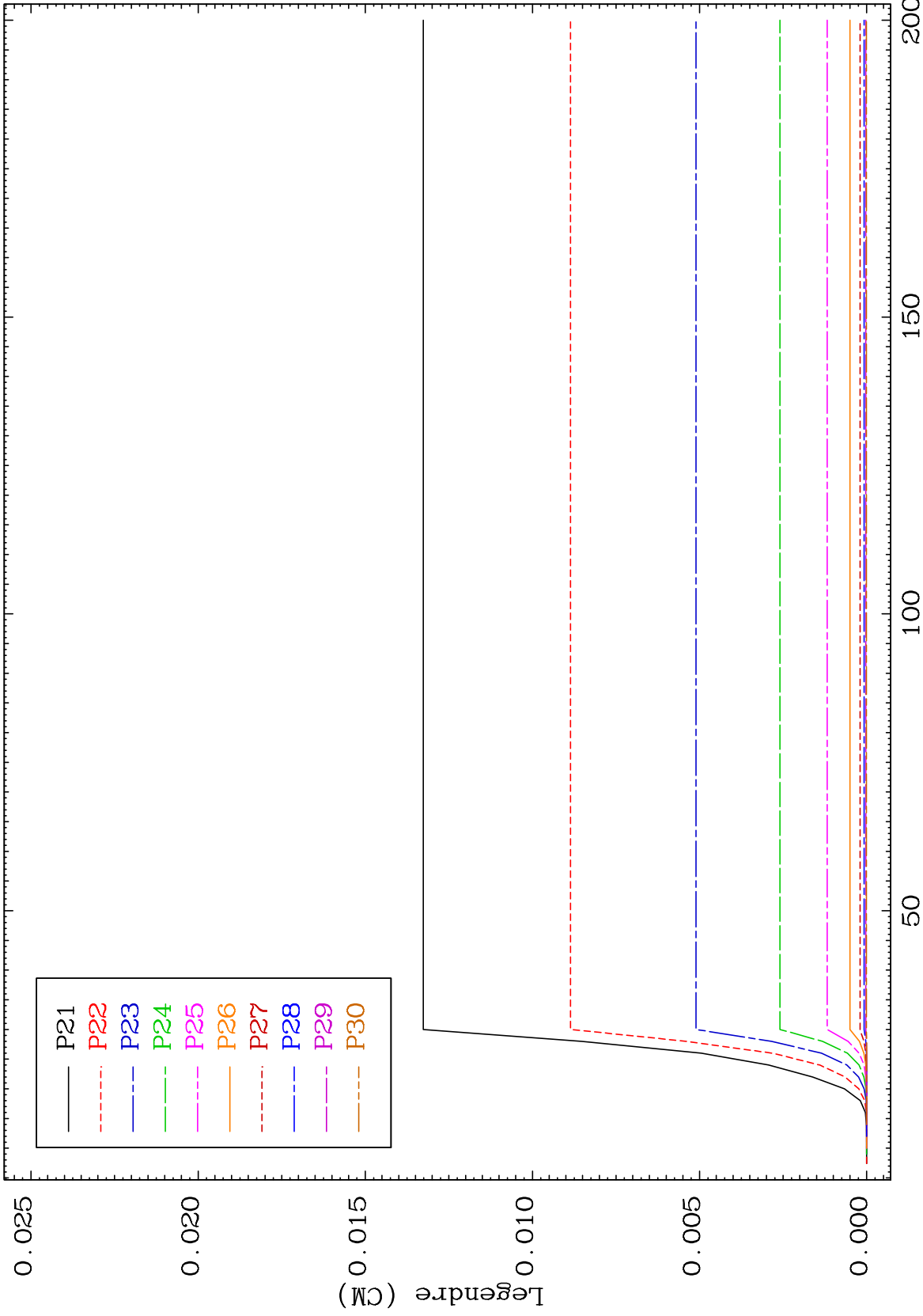
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



22

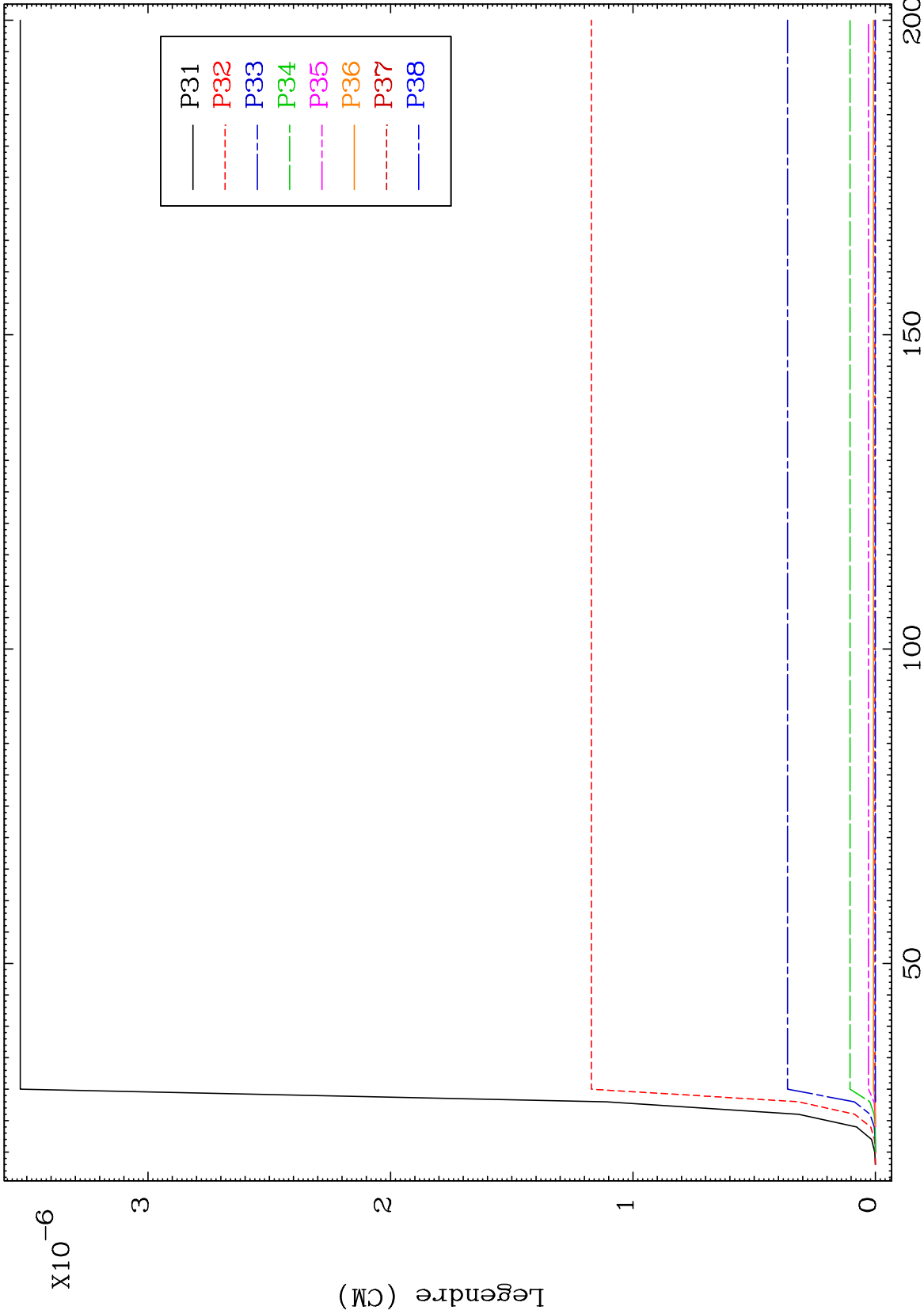
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



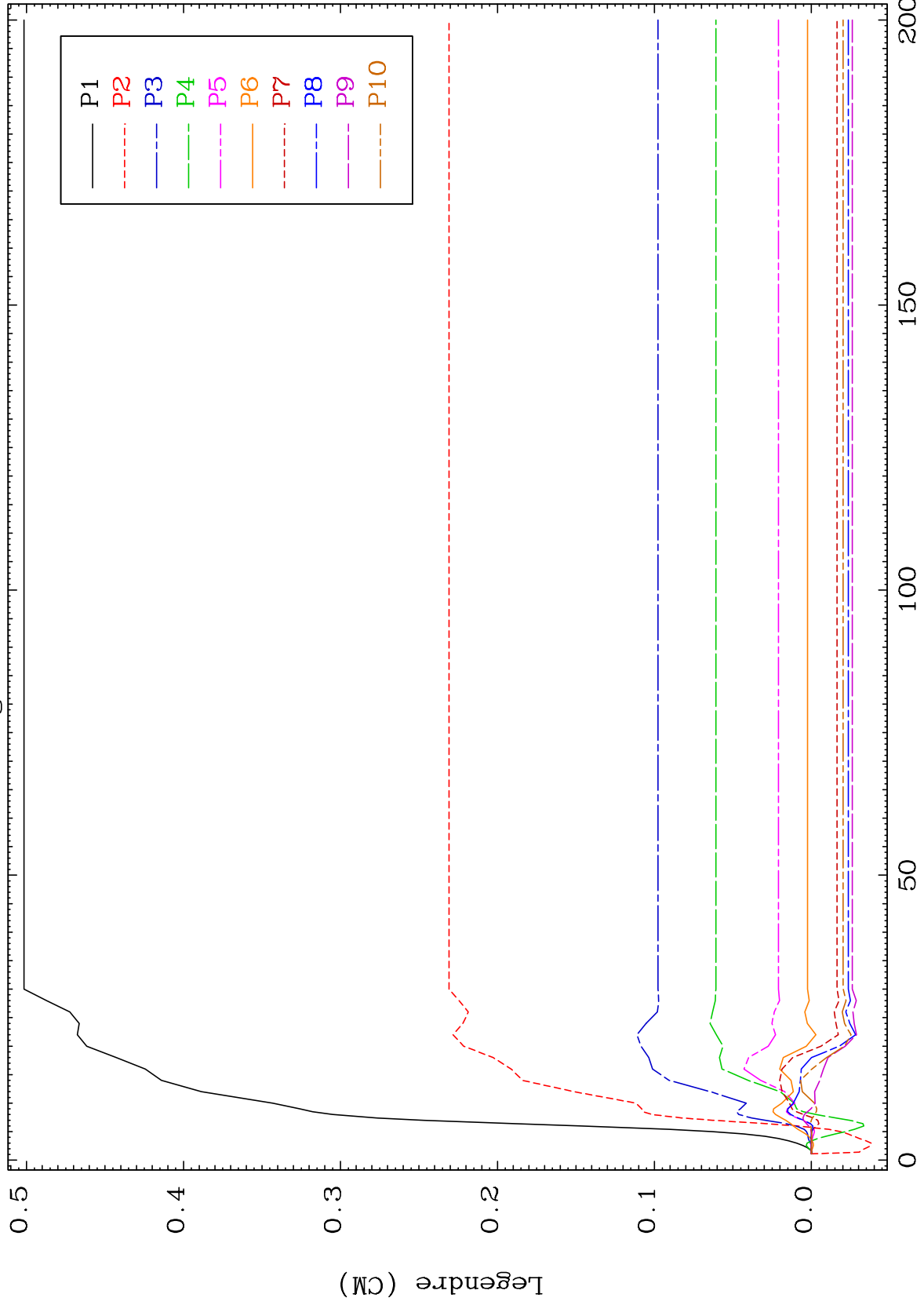
23

82-Pb-210

MAT 8243

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

82-Pb-210



24

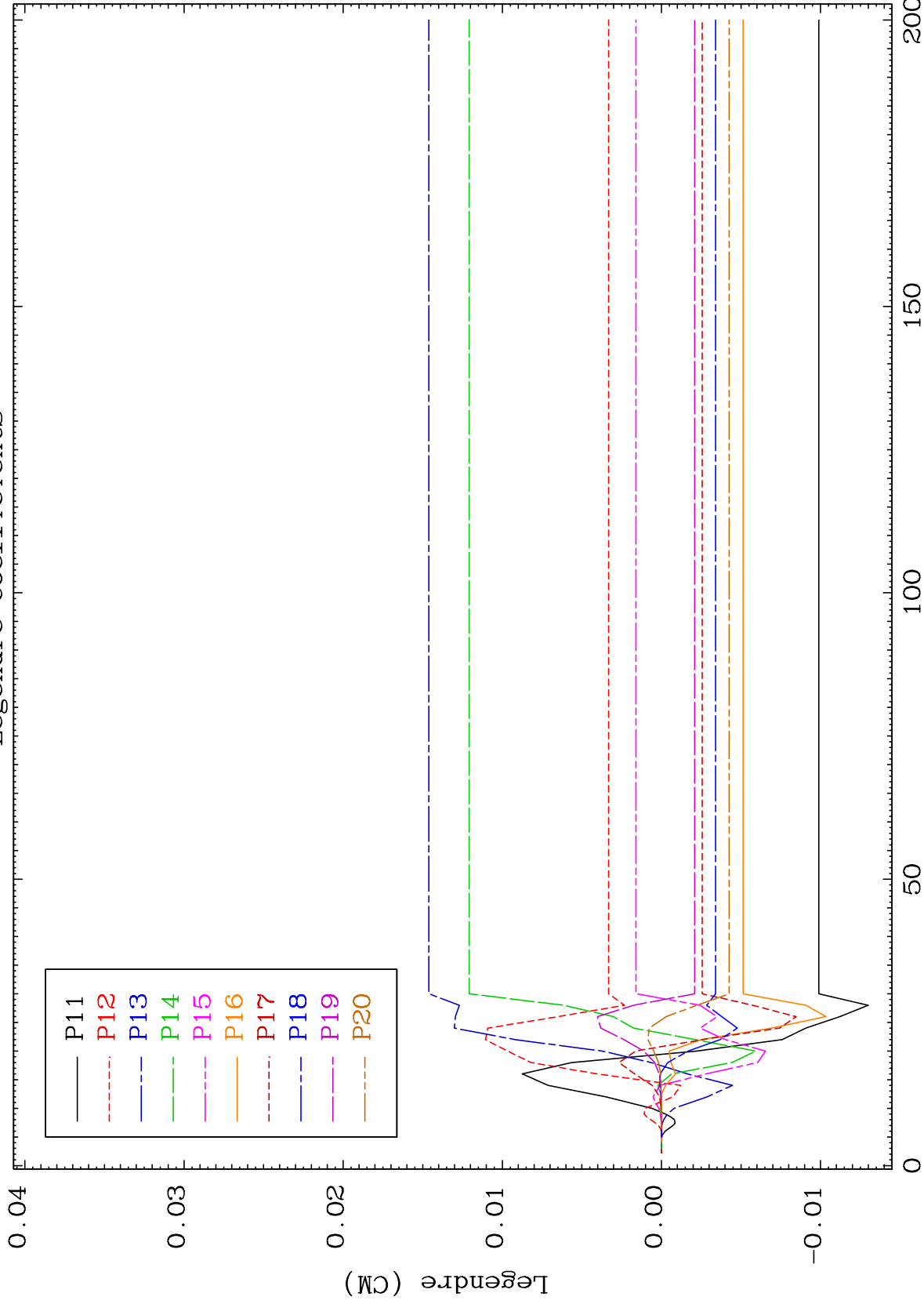
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



25

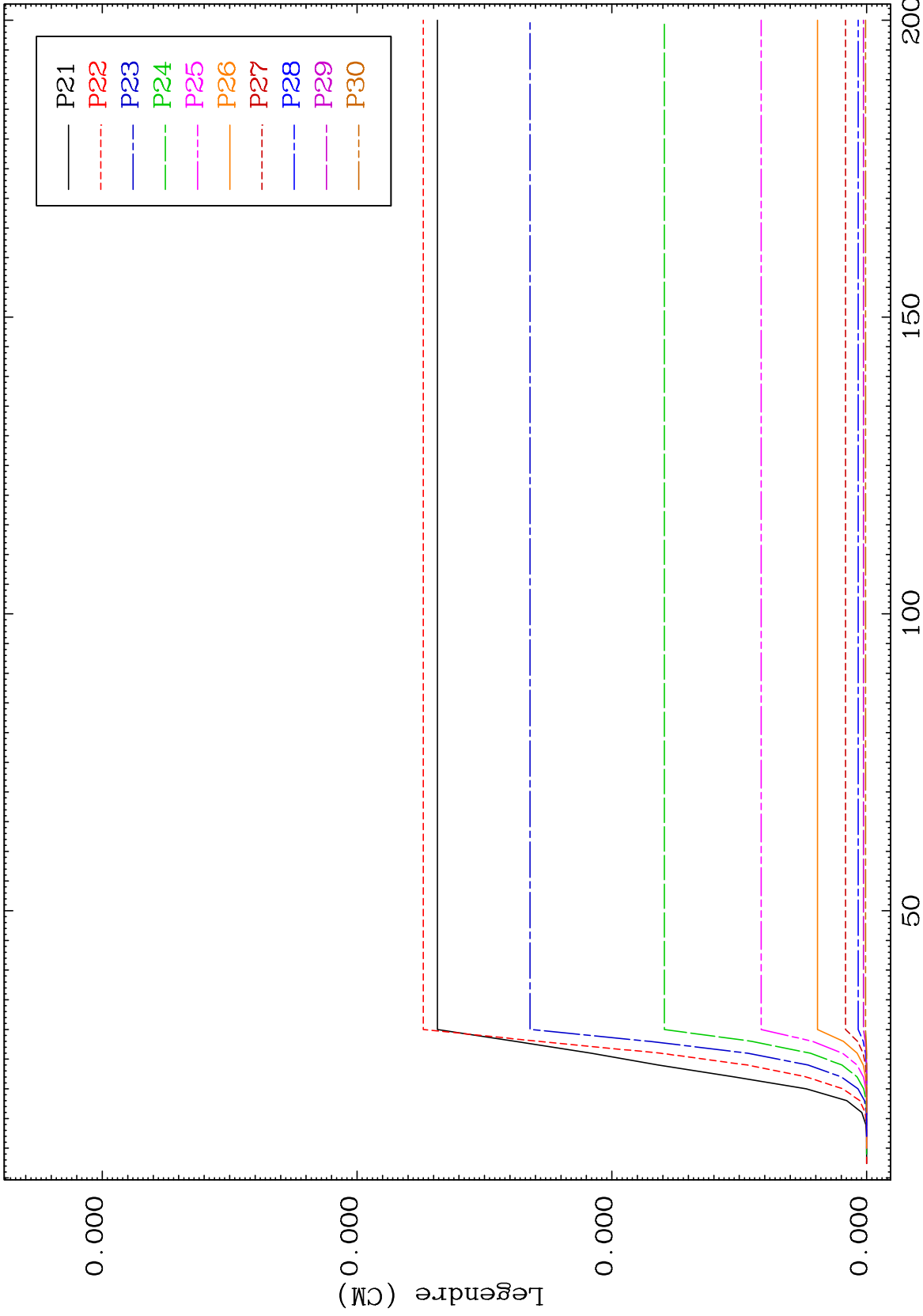
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



26

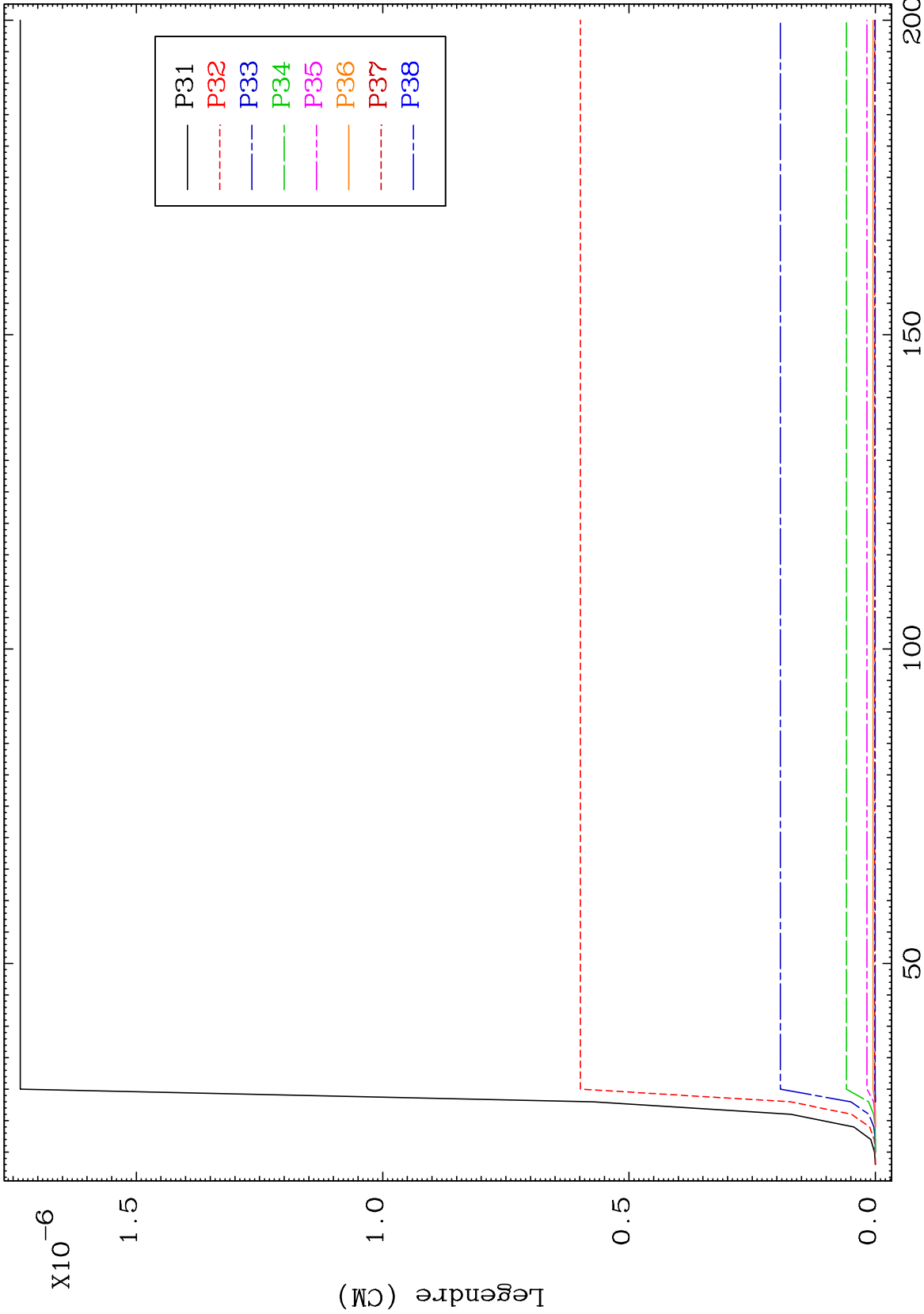
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



27

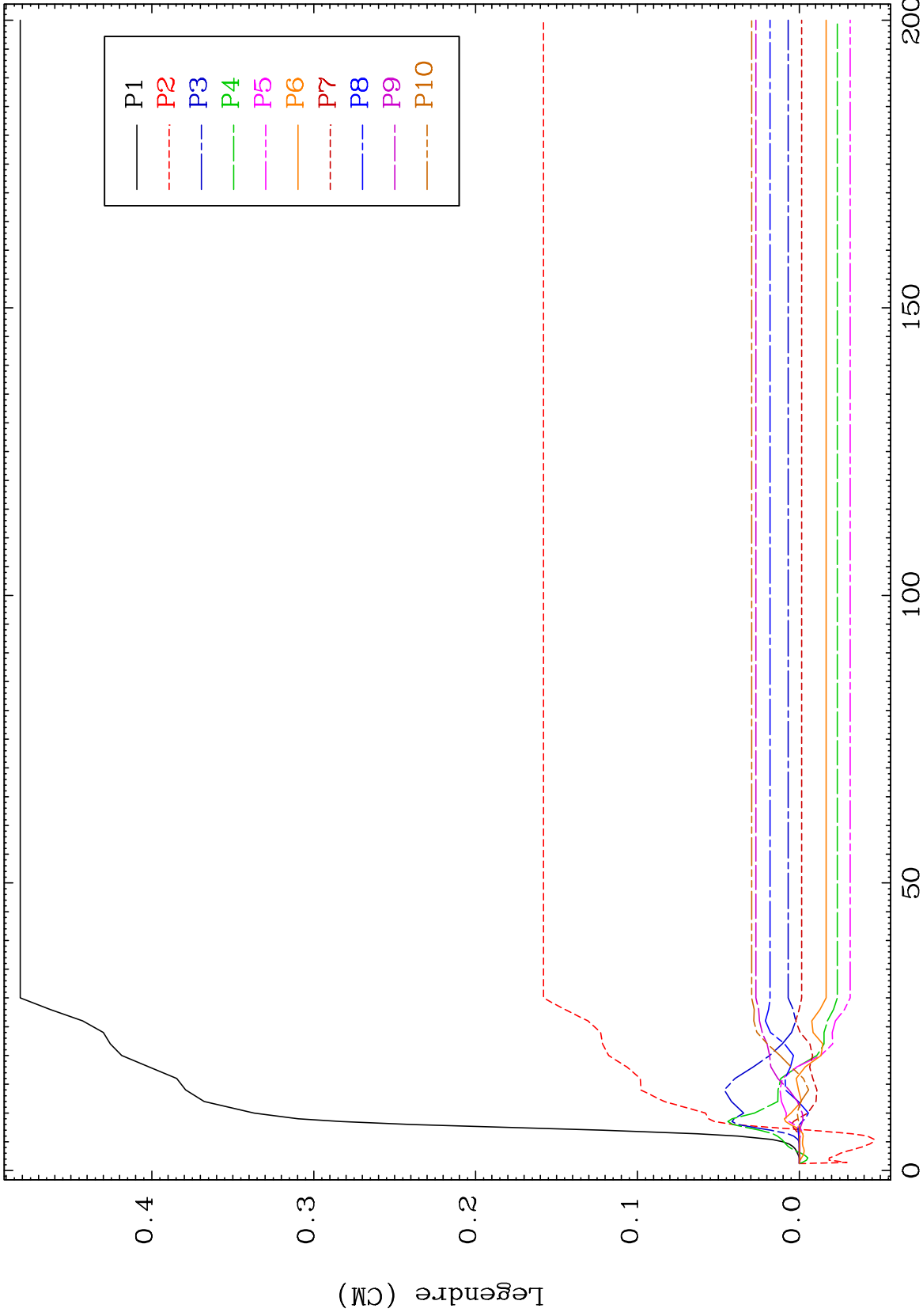
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



28

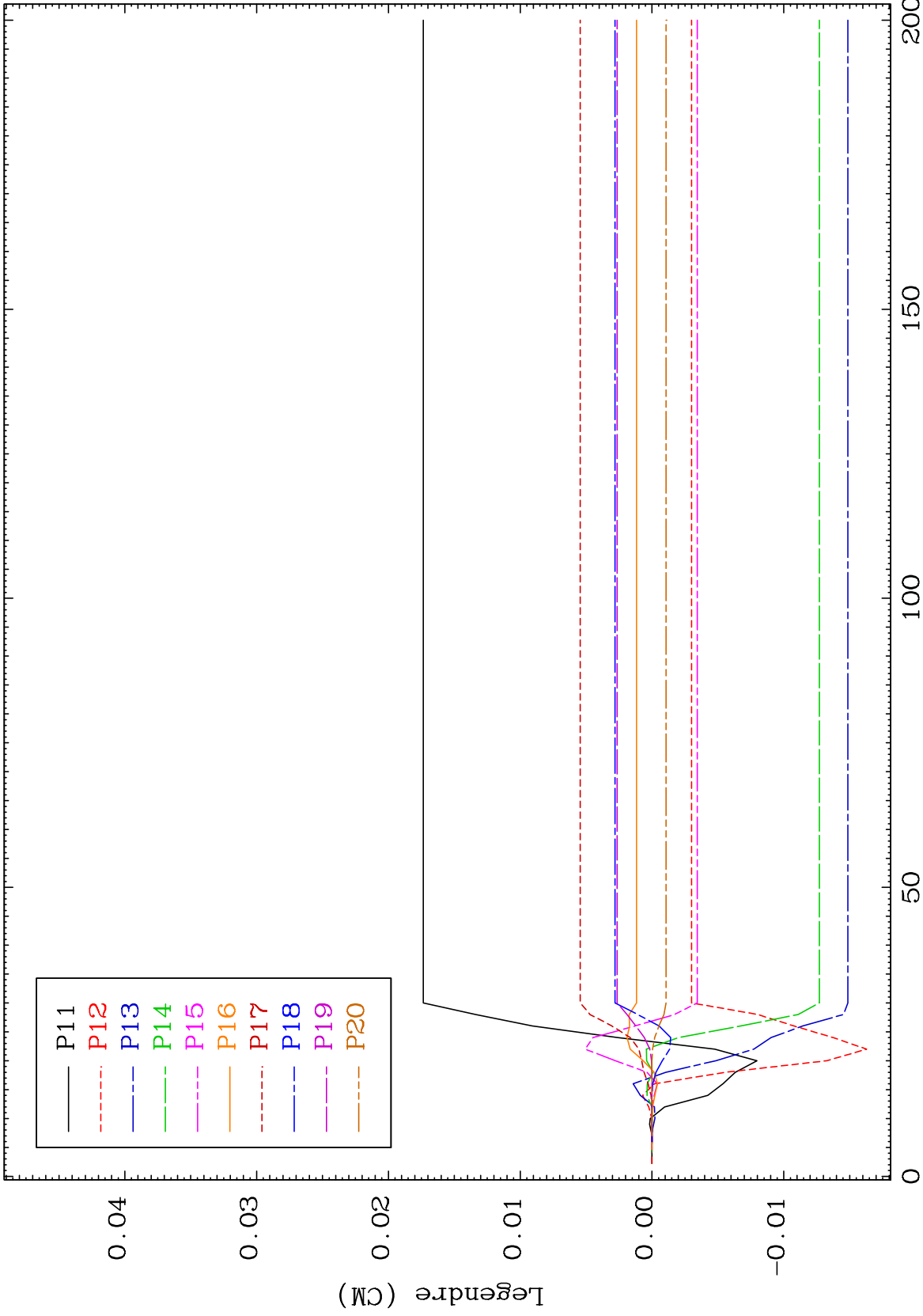
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210

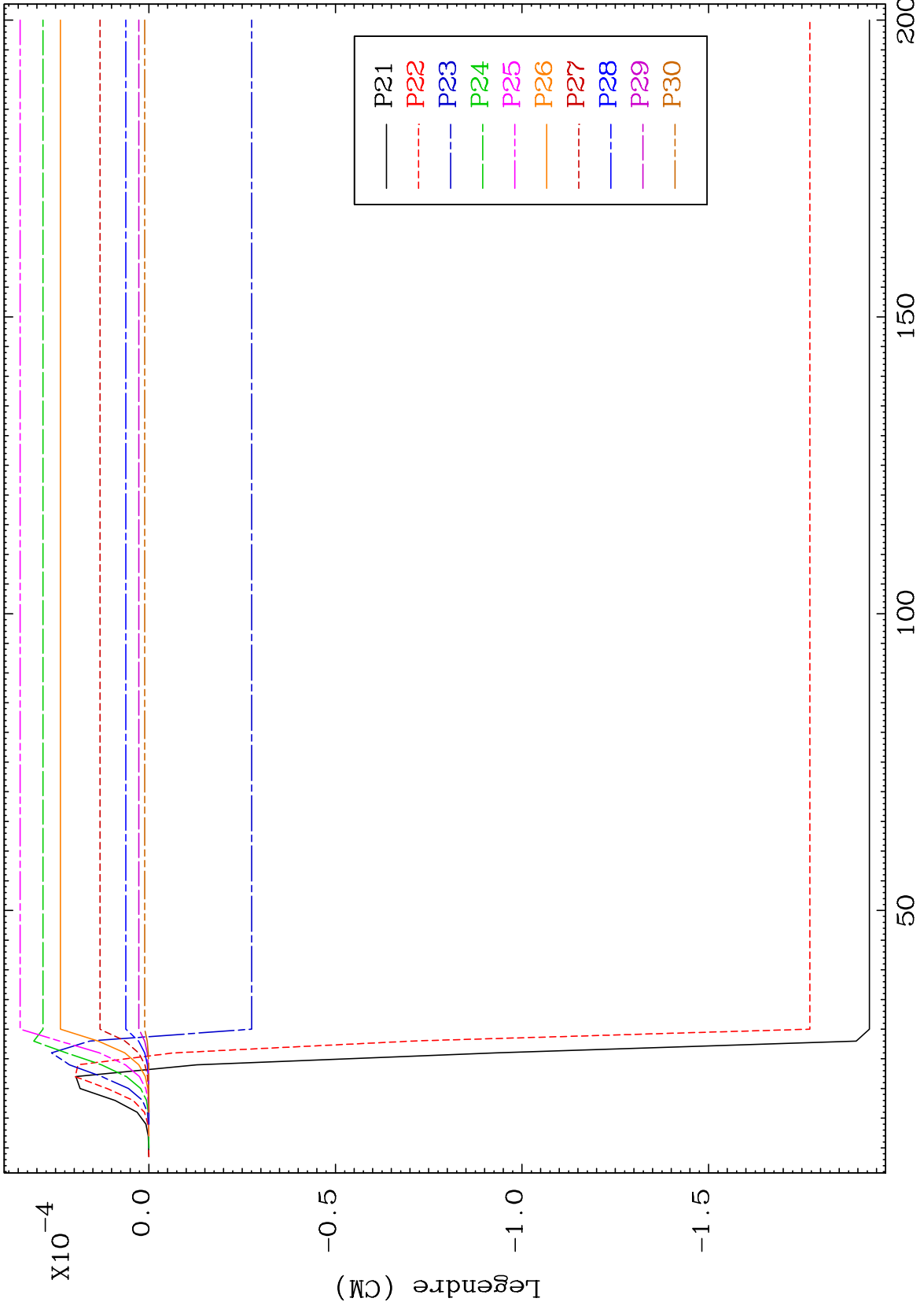


29

Incident Energy (MeV)

82-Pb-210

MAT 8243 MT= 53 (n,n') Level Legendre Coefficients 82-Pb-210

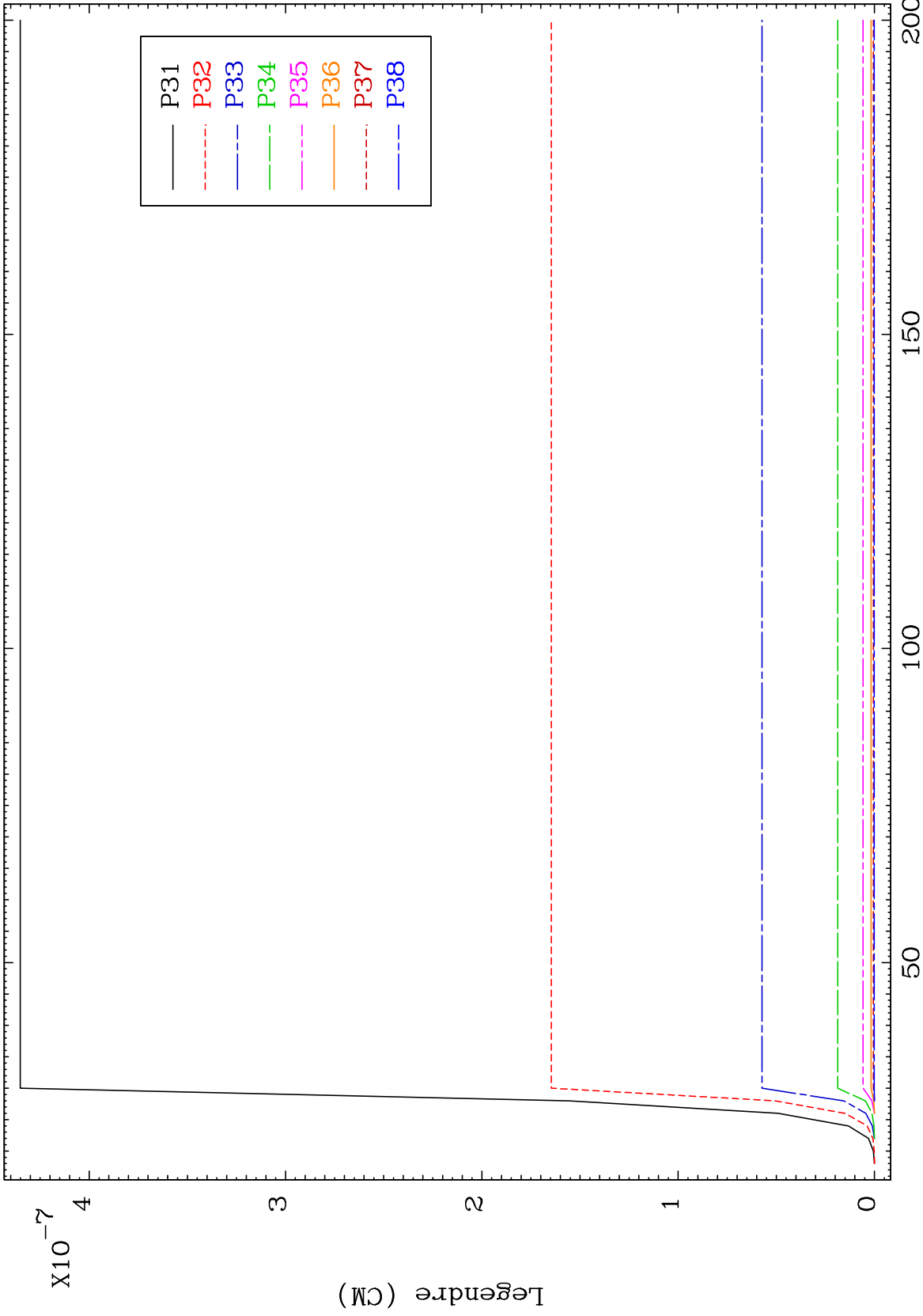


30 50 100 150 200 Incident Energy (MeV) 82-Pb-210

MAT 8243

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

82-Pb-210



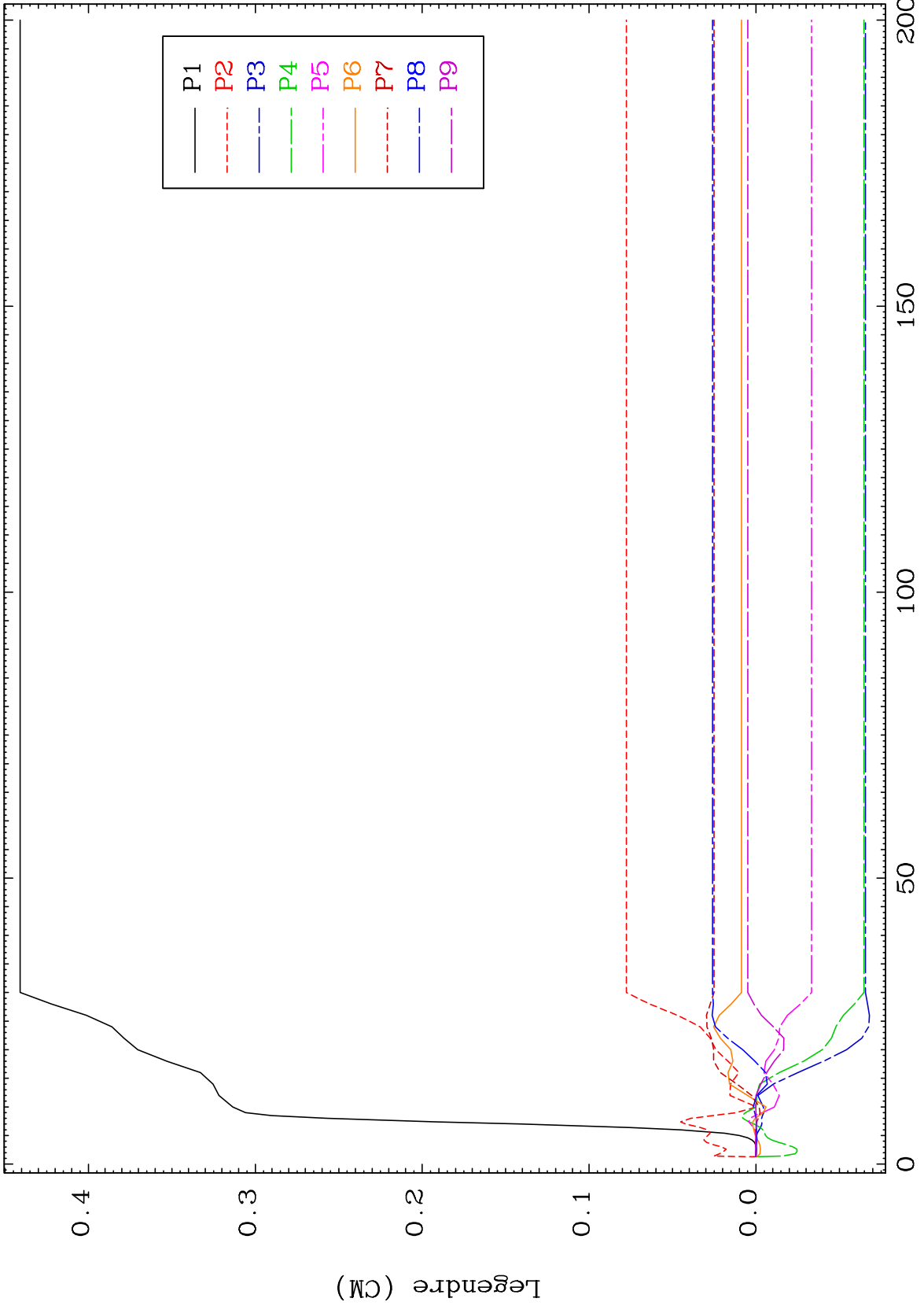
31

82-Pb-210

MAT 8243

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

82-Pb-210



32

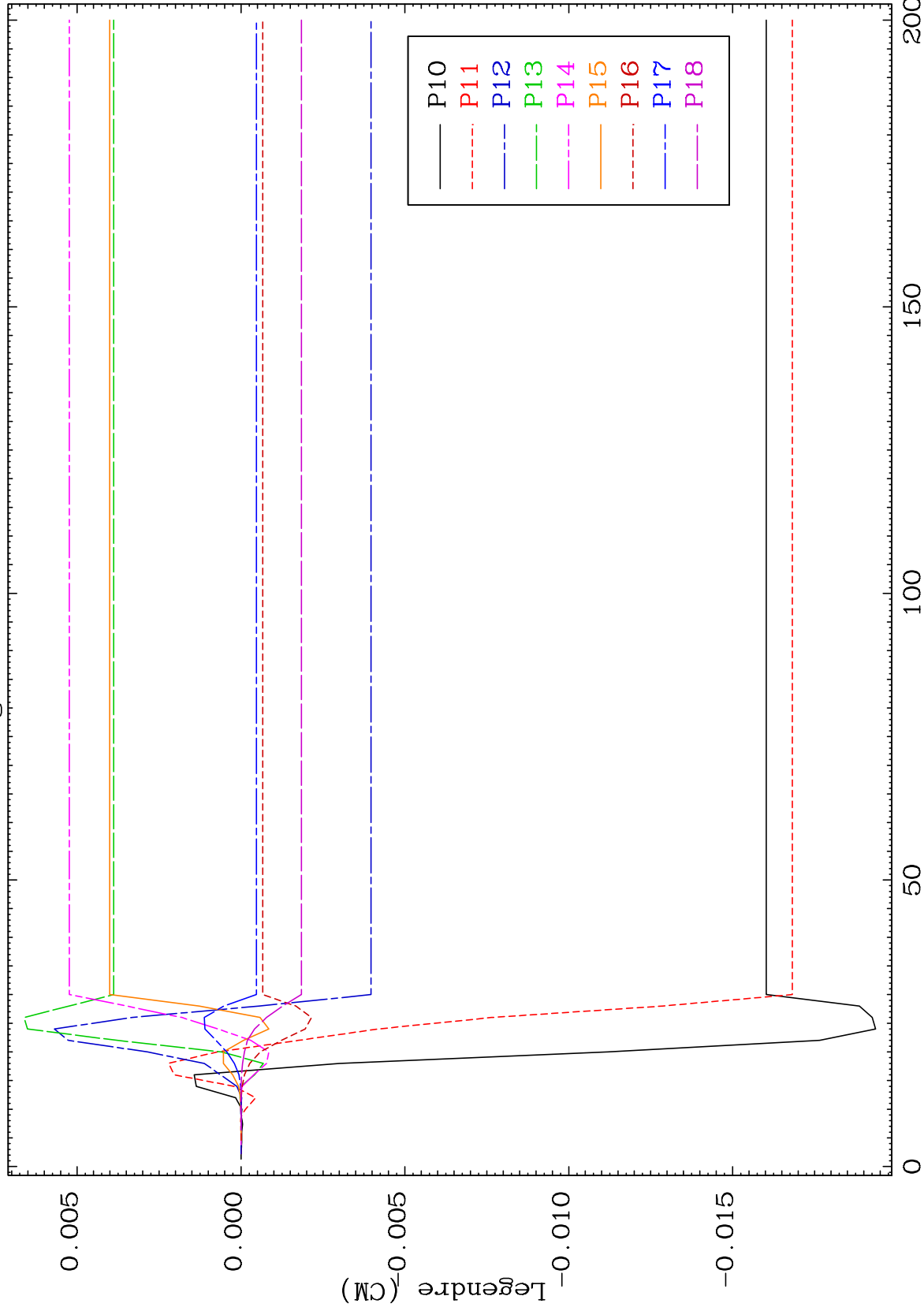
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



33

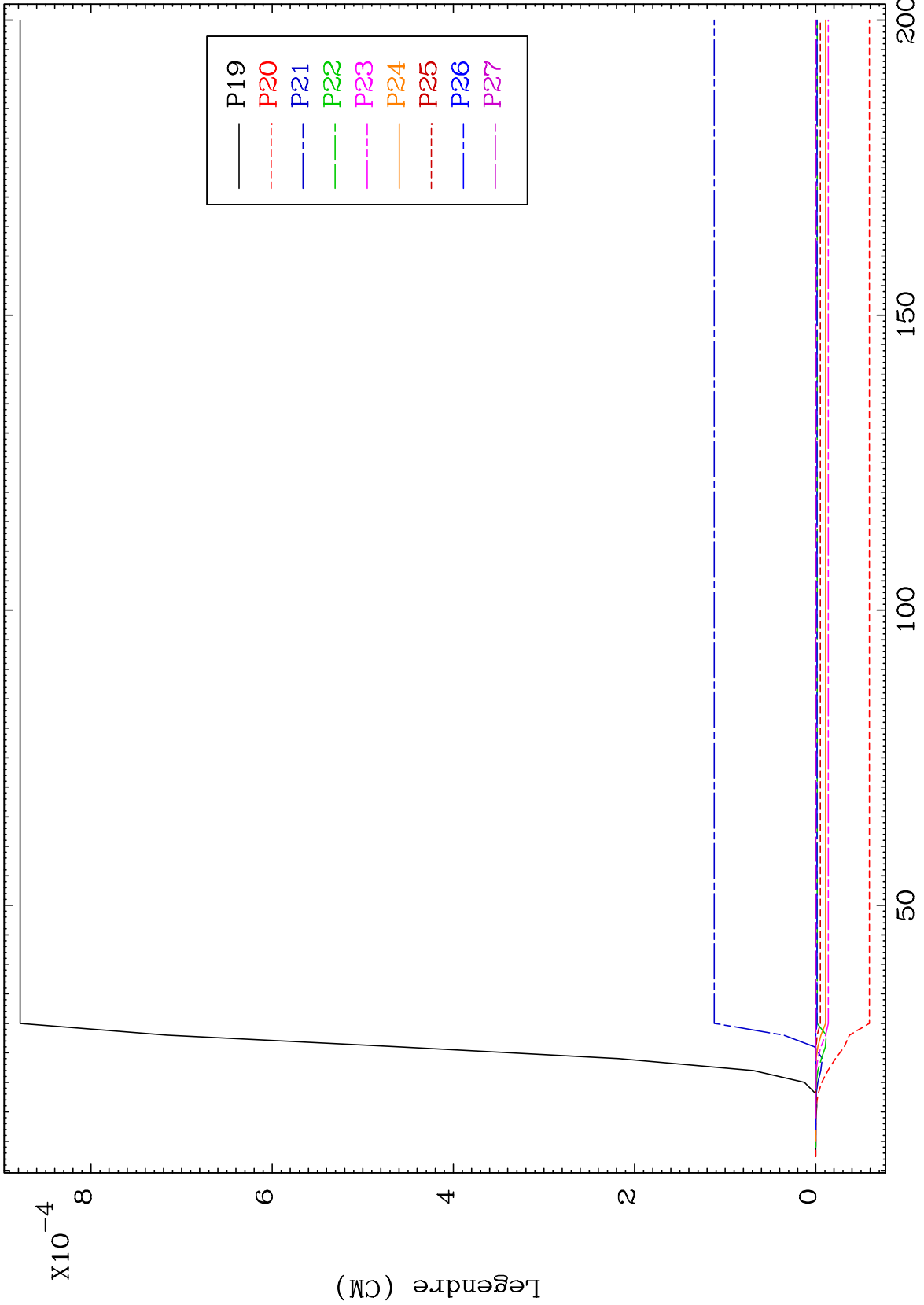
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



34

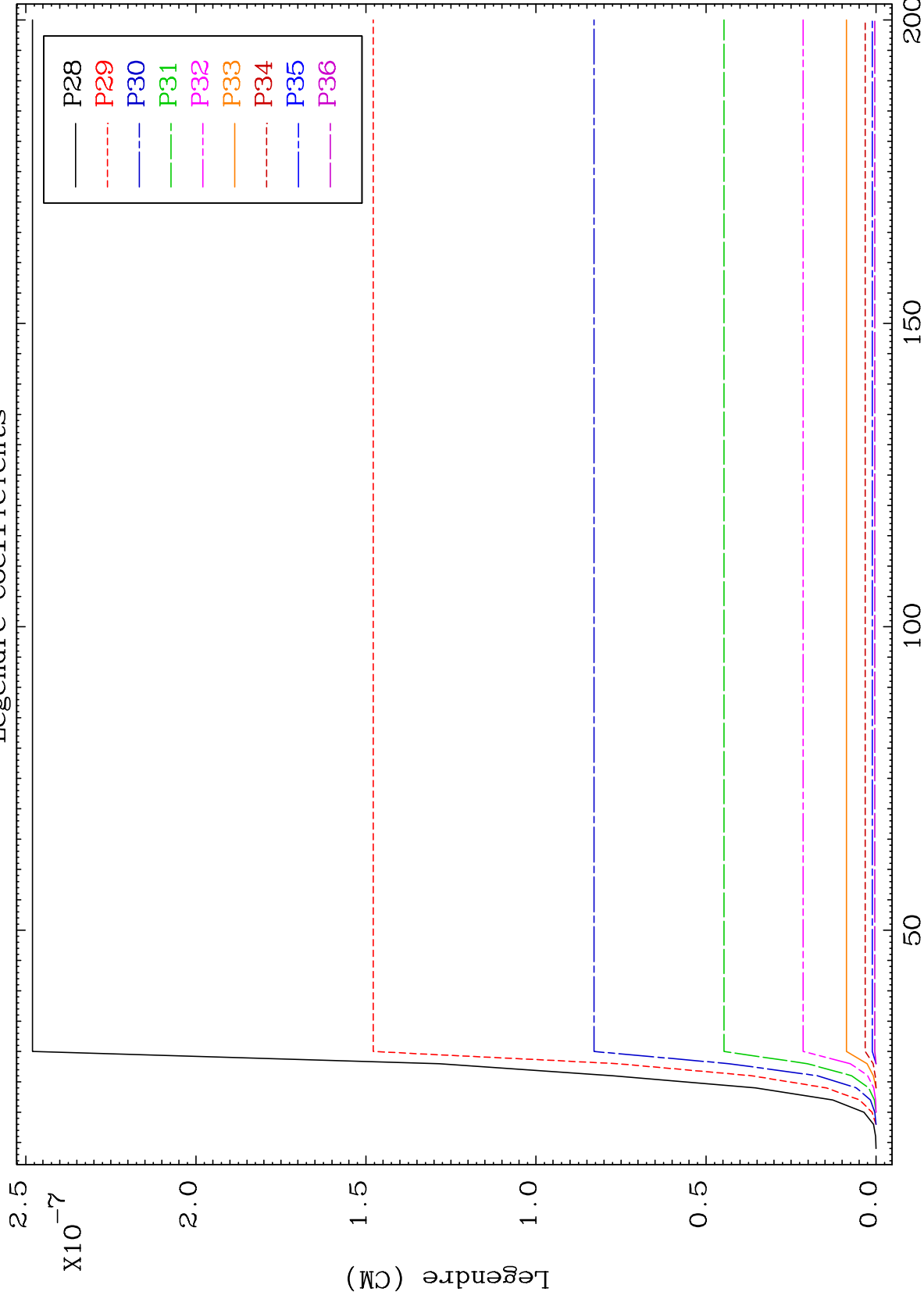
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



35

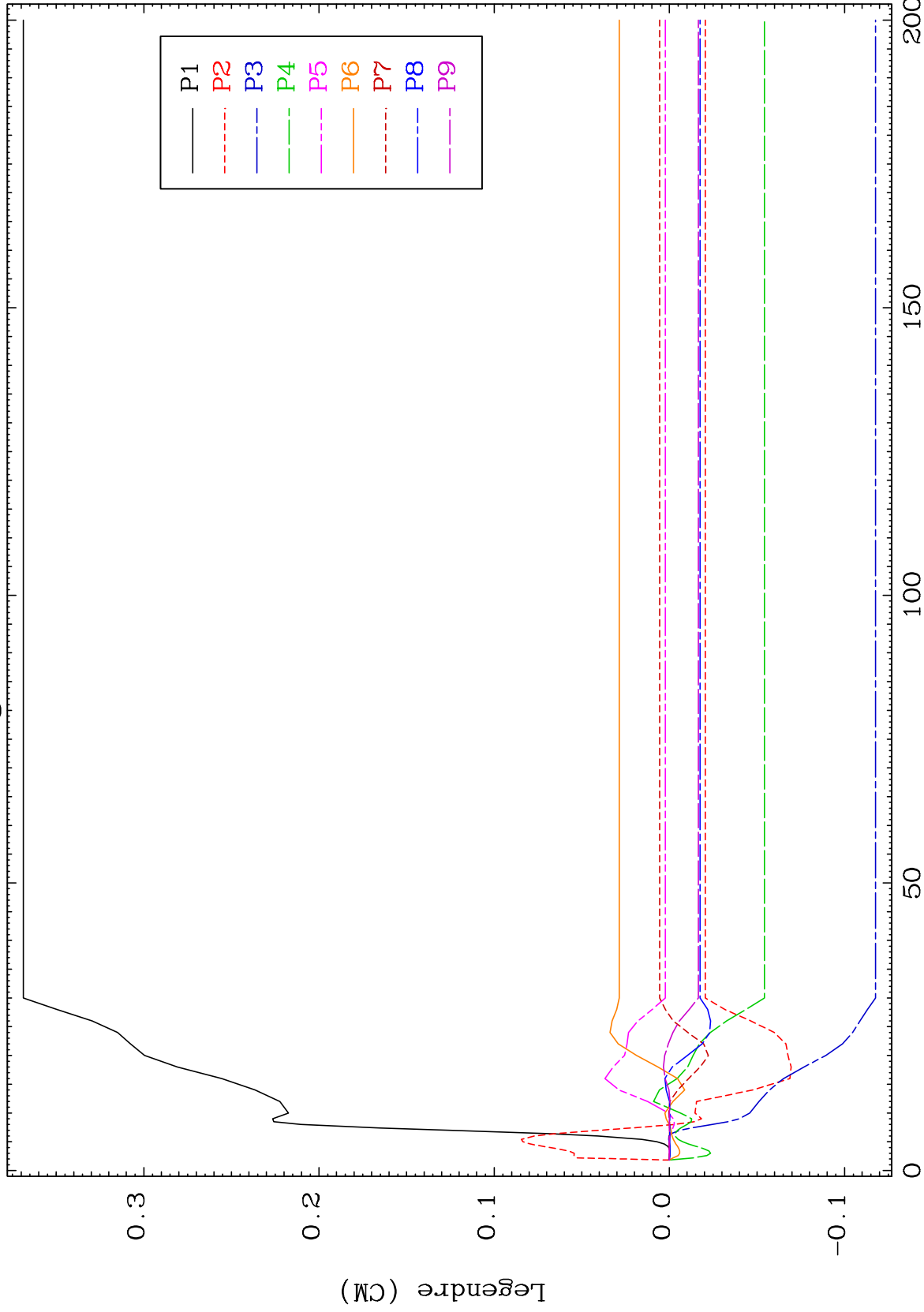
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210

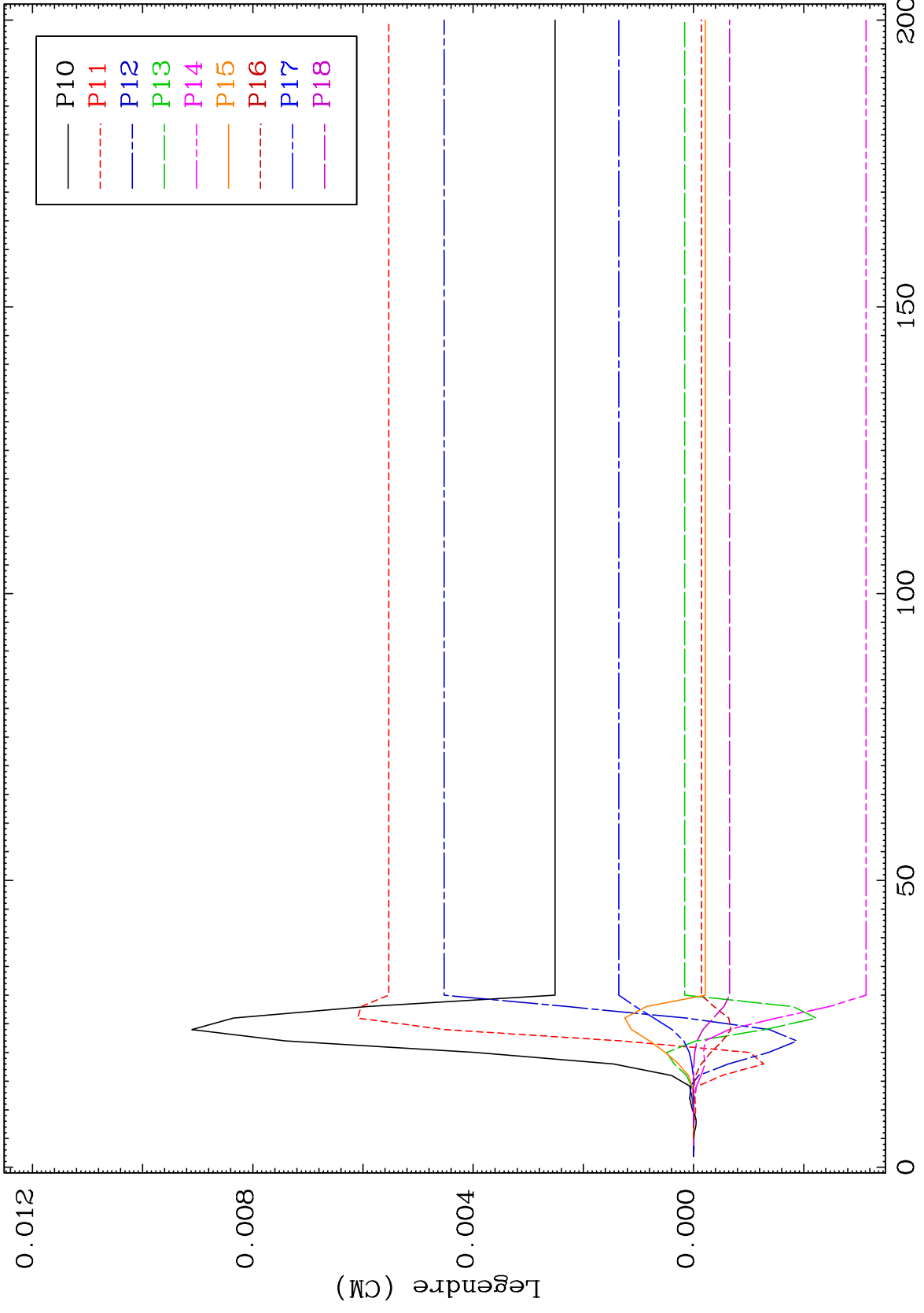


36

Incident Energy (MeV)

82-Pb-210

MAT 8243 MT= 55 (n,n') Level Legendre Coefficients 82-Pb-210

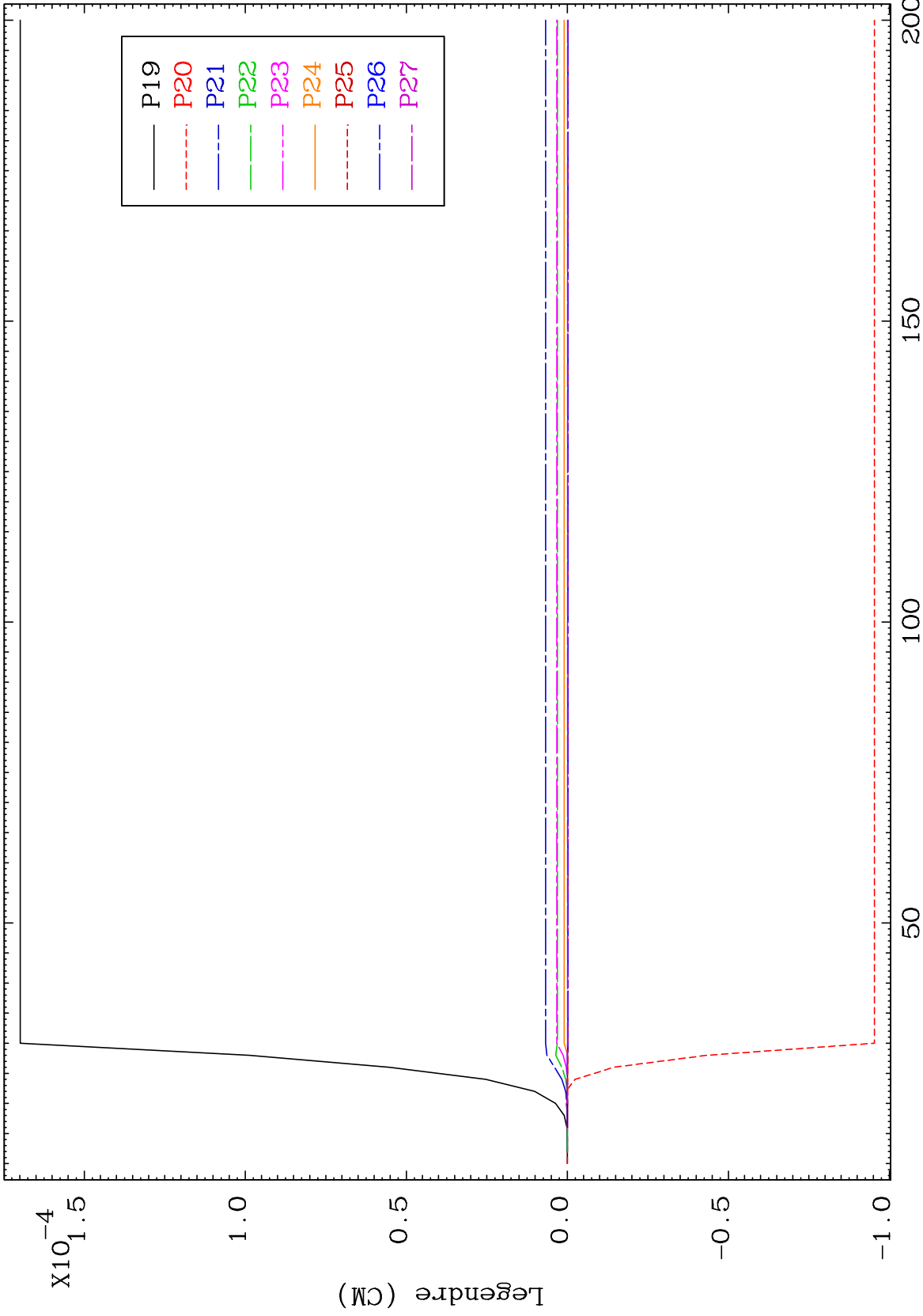


37 82-Pb-210

MAT 8243

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

82-Pb-210



38

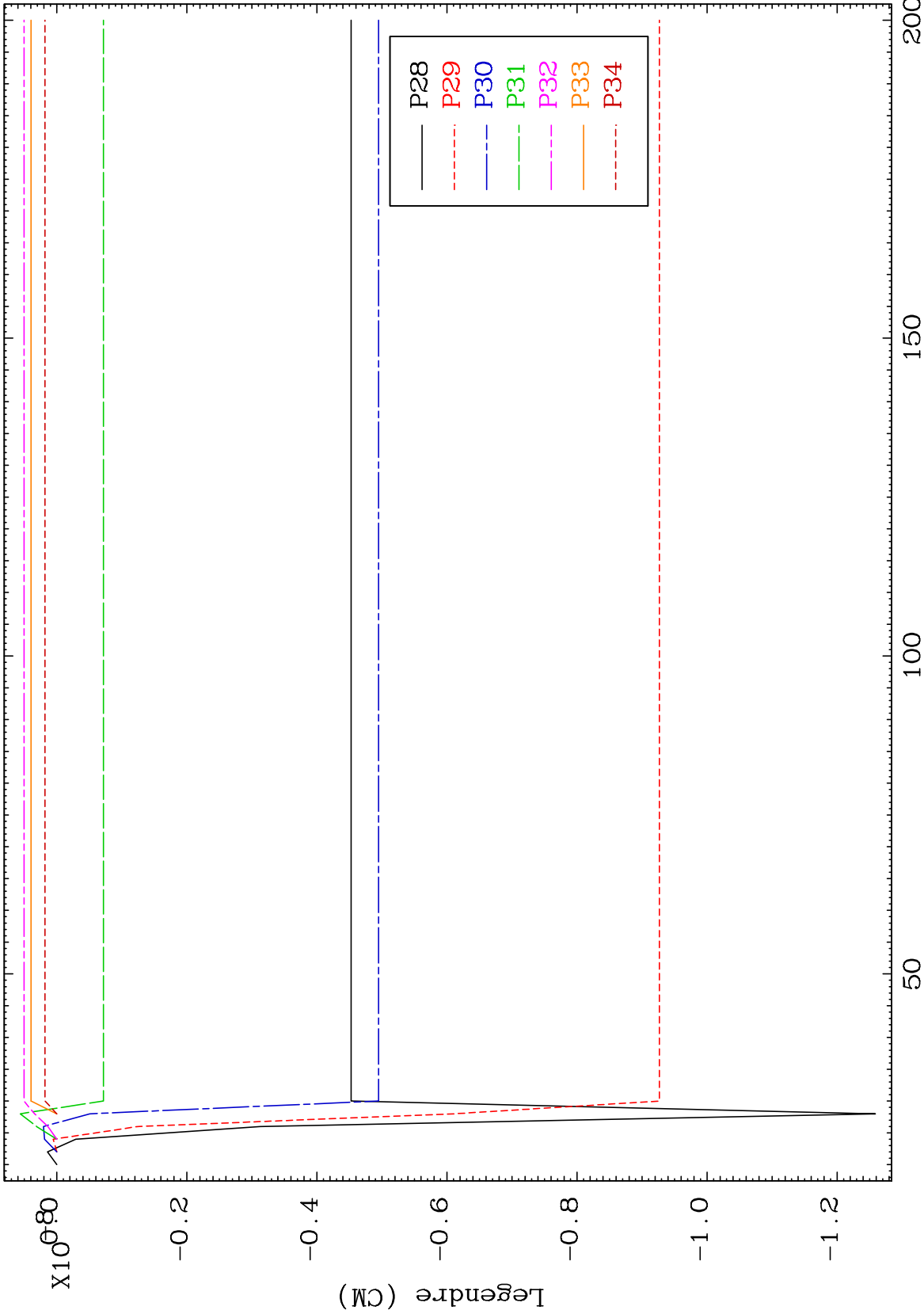
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



39

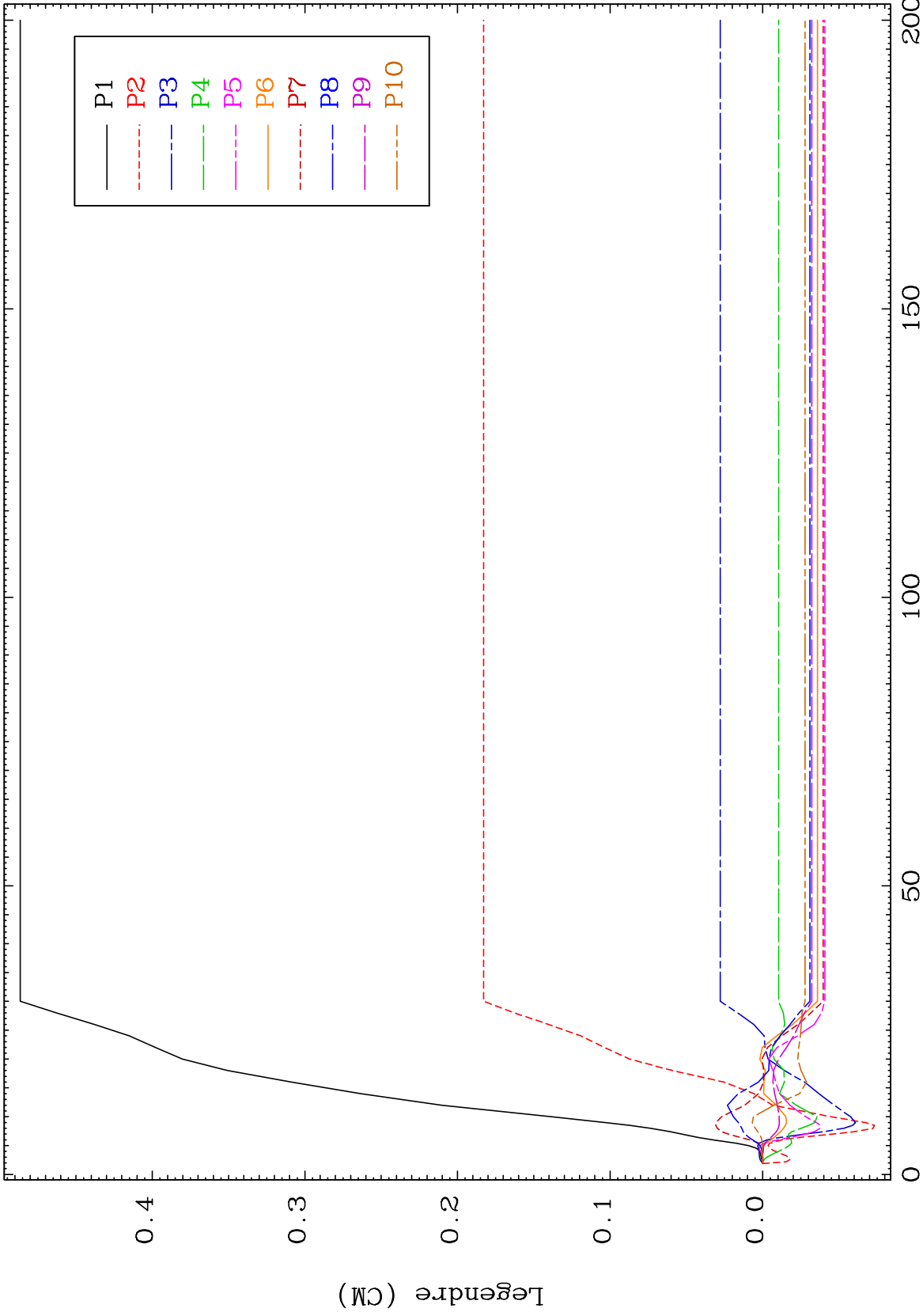
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



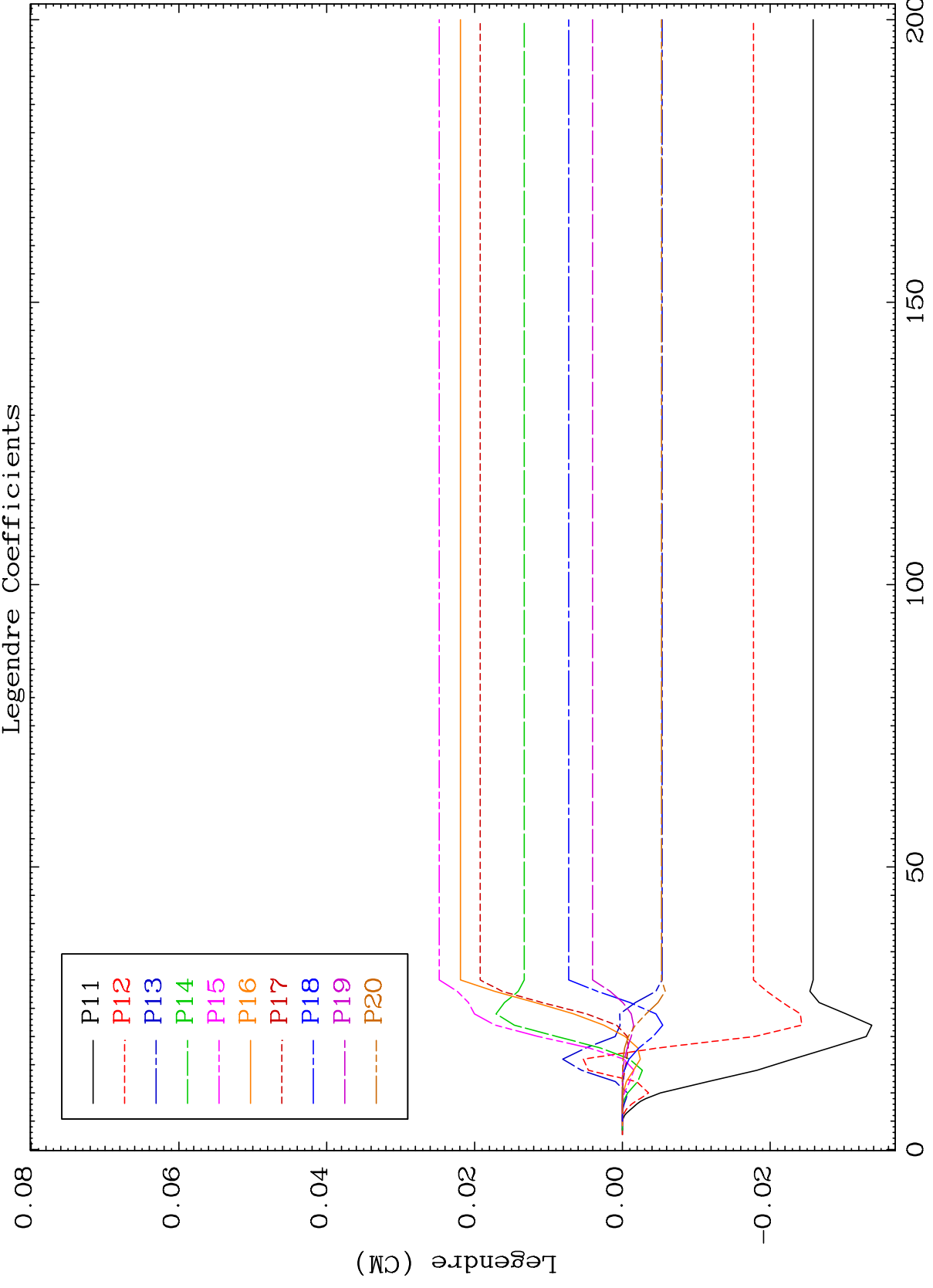
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Incident Energy (MeV)

82-Pb-210

MAT 8243 MT= 56 (n,n') Level Legendre Coefficients

82-Pb-210



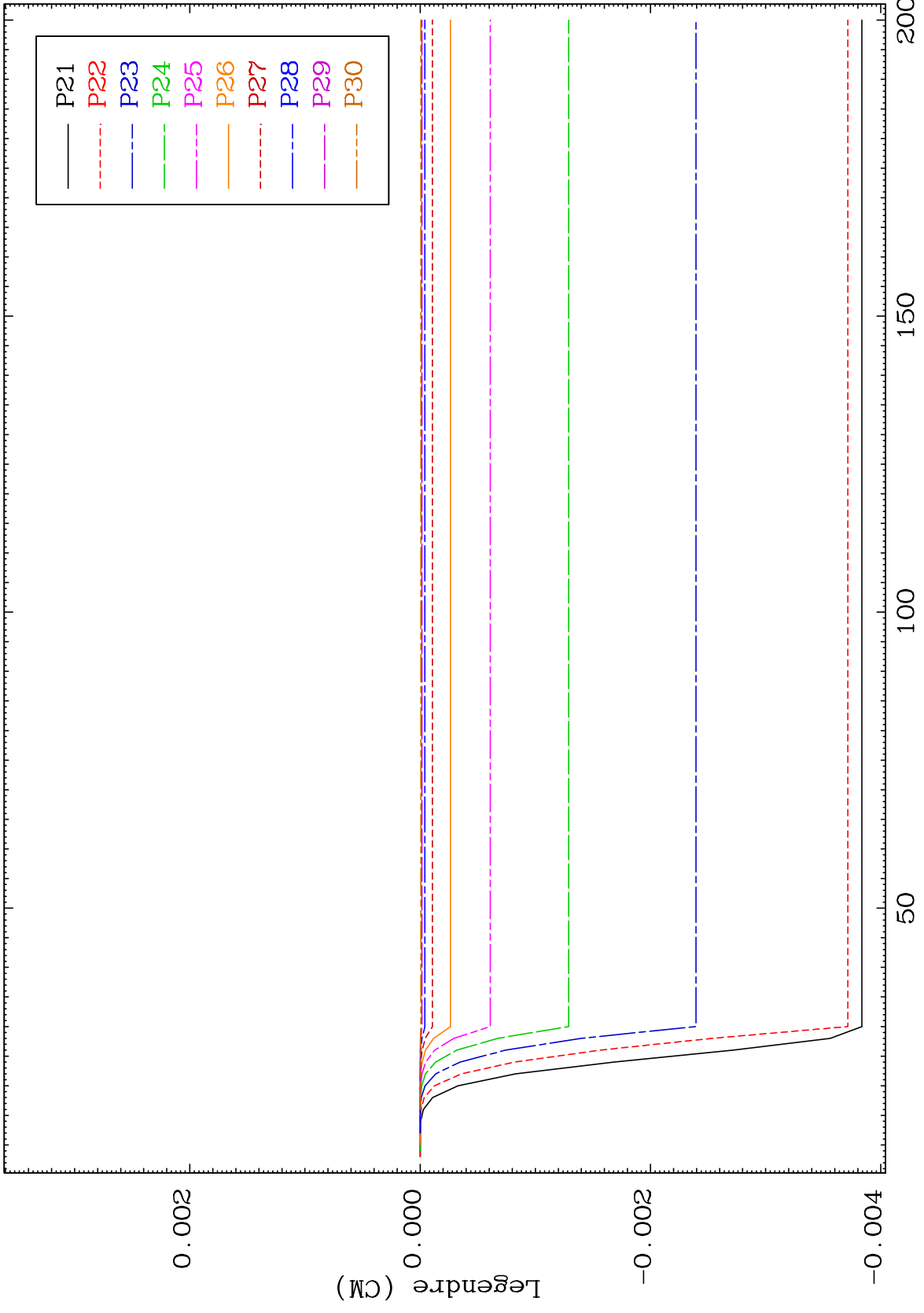
82-Pb-210

Incident Energy (MeV)

MAT 8243

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

82-Pb-210



42

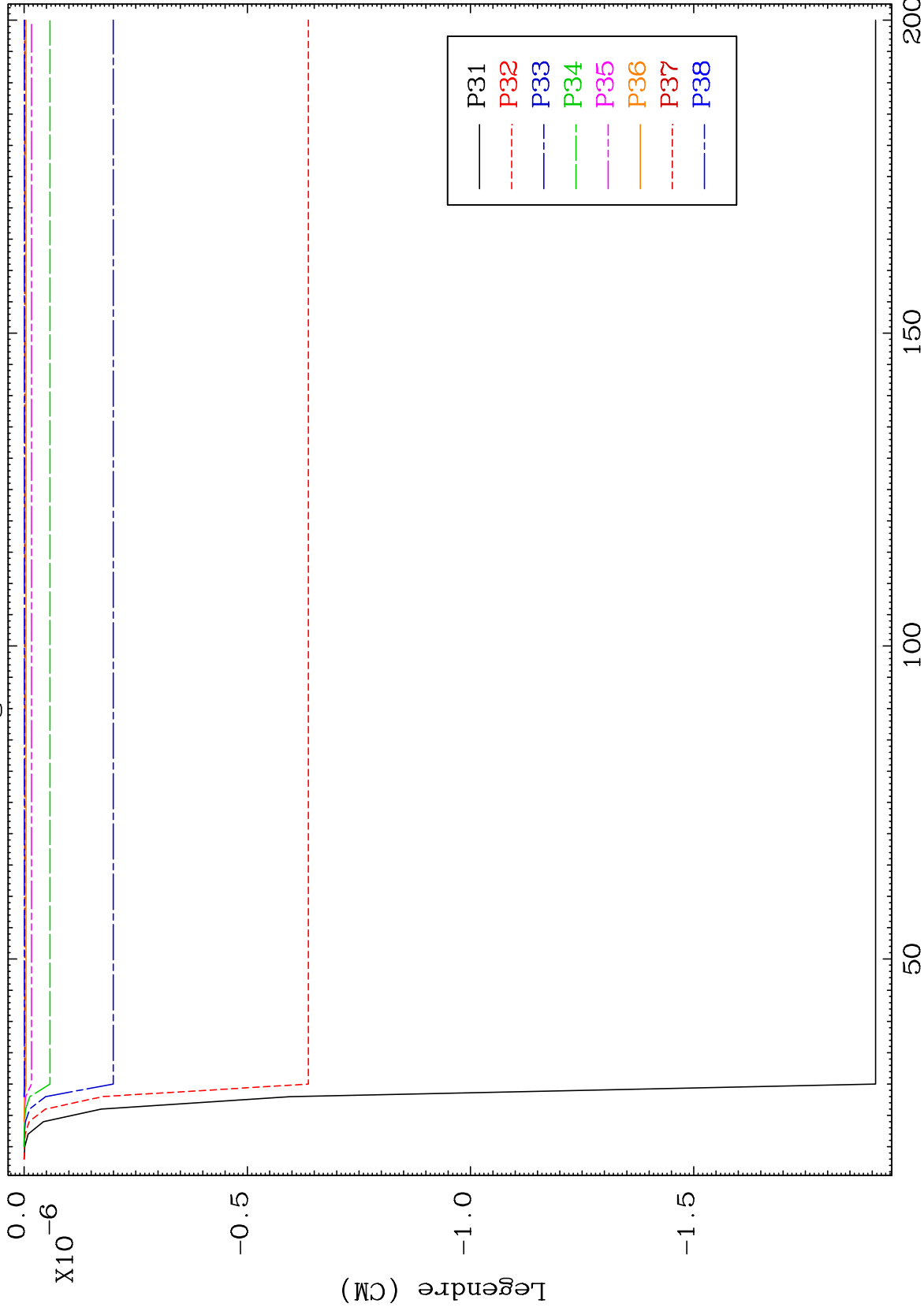
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



82-Pb-210

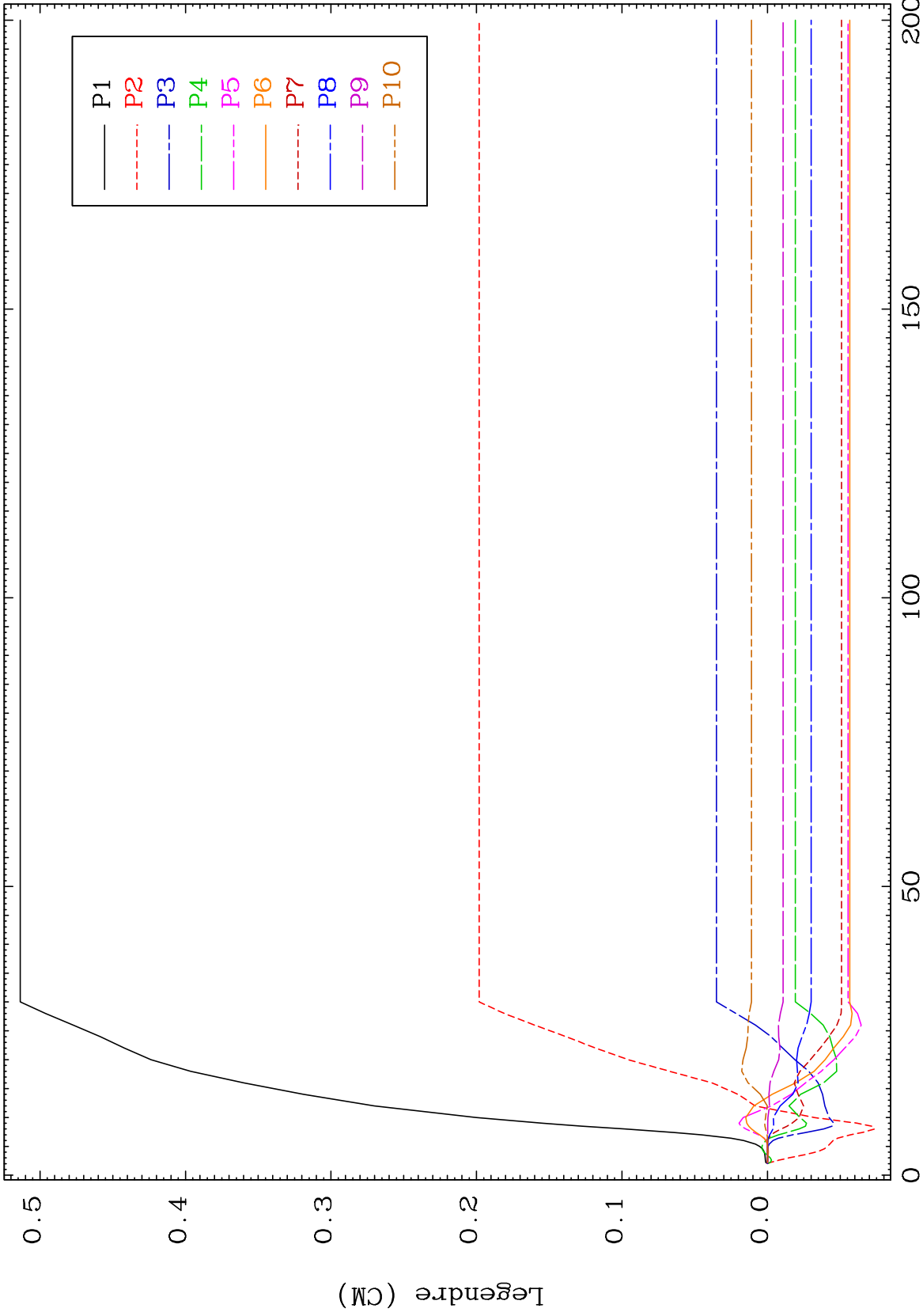
Incident Energy (MeV)

43

MAT 8243

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

82-Pb-210



44

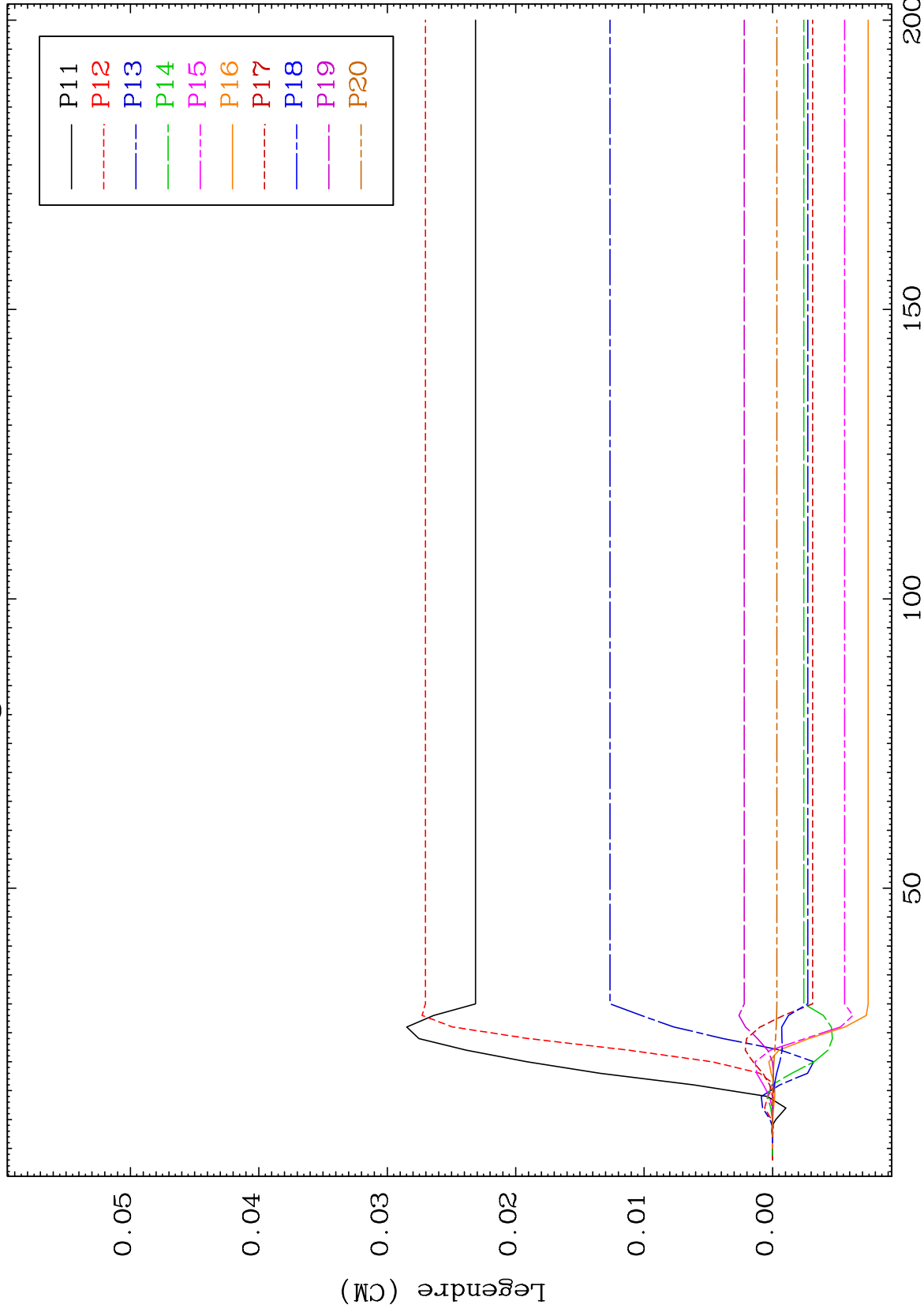
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



45

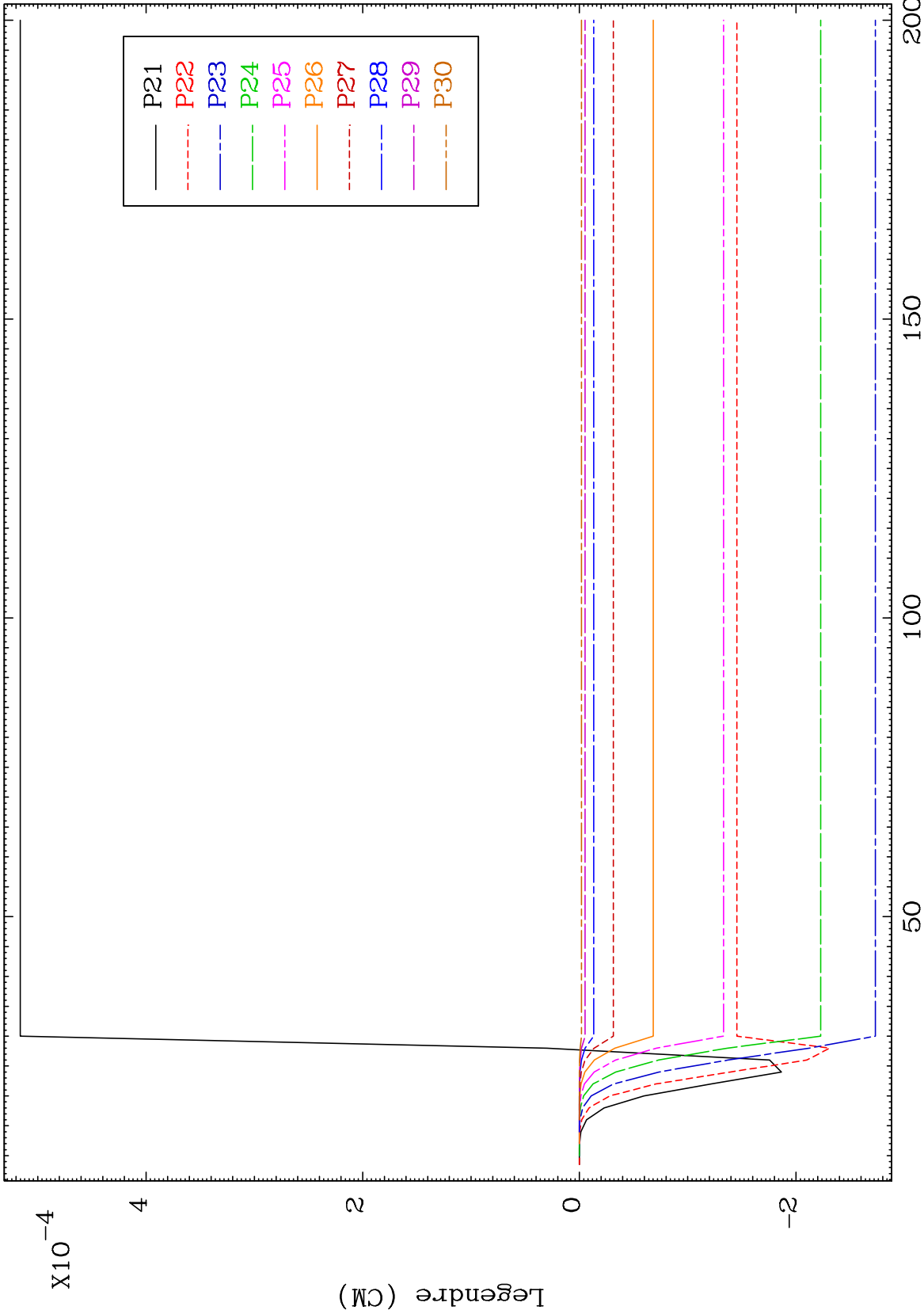
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



46

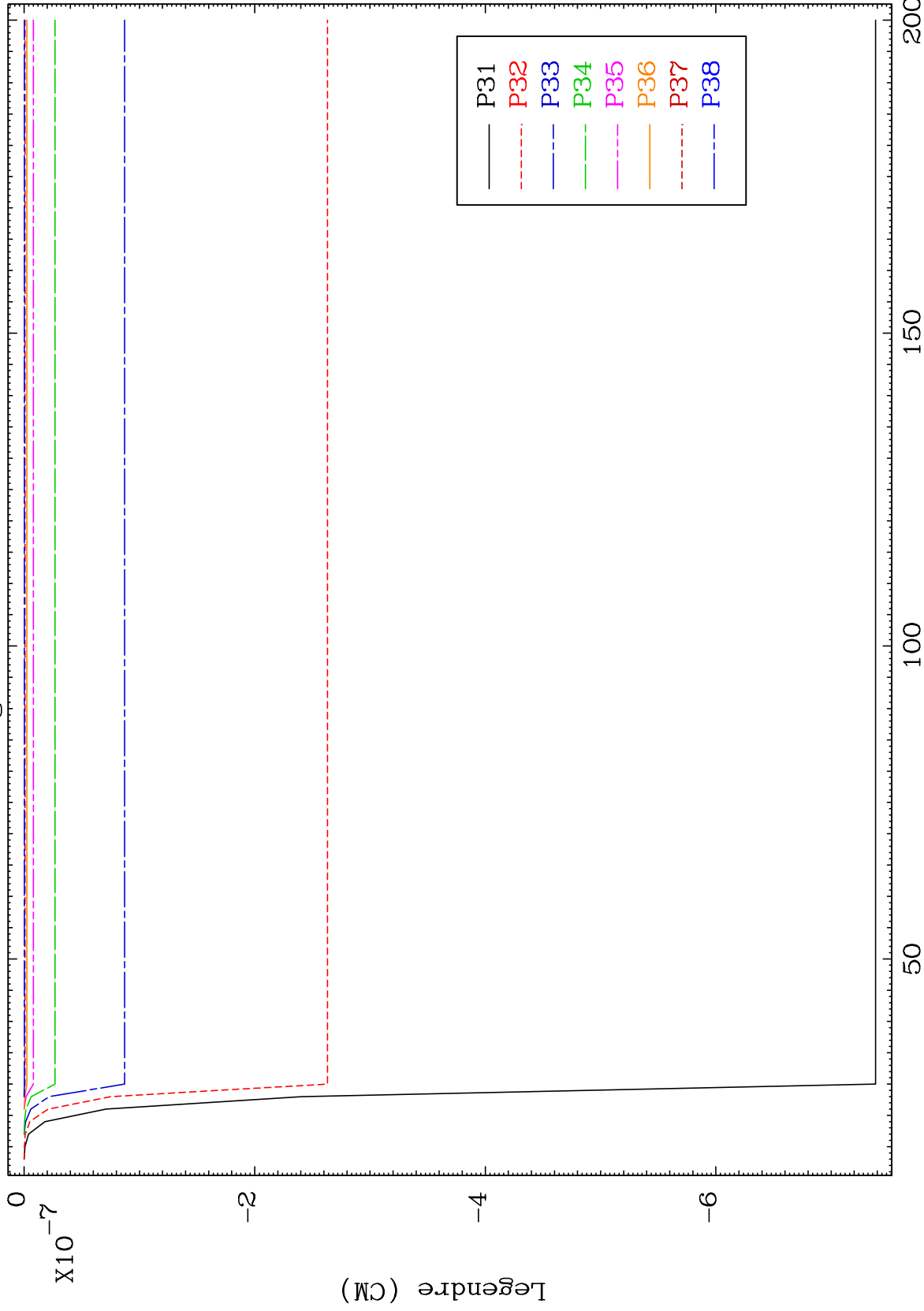
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



82-Pb-210

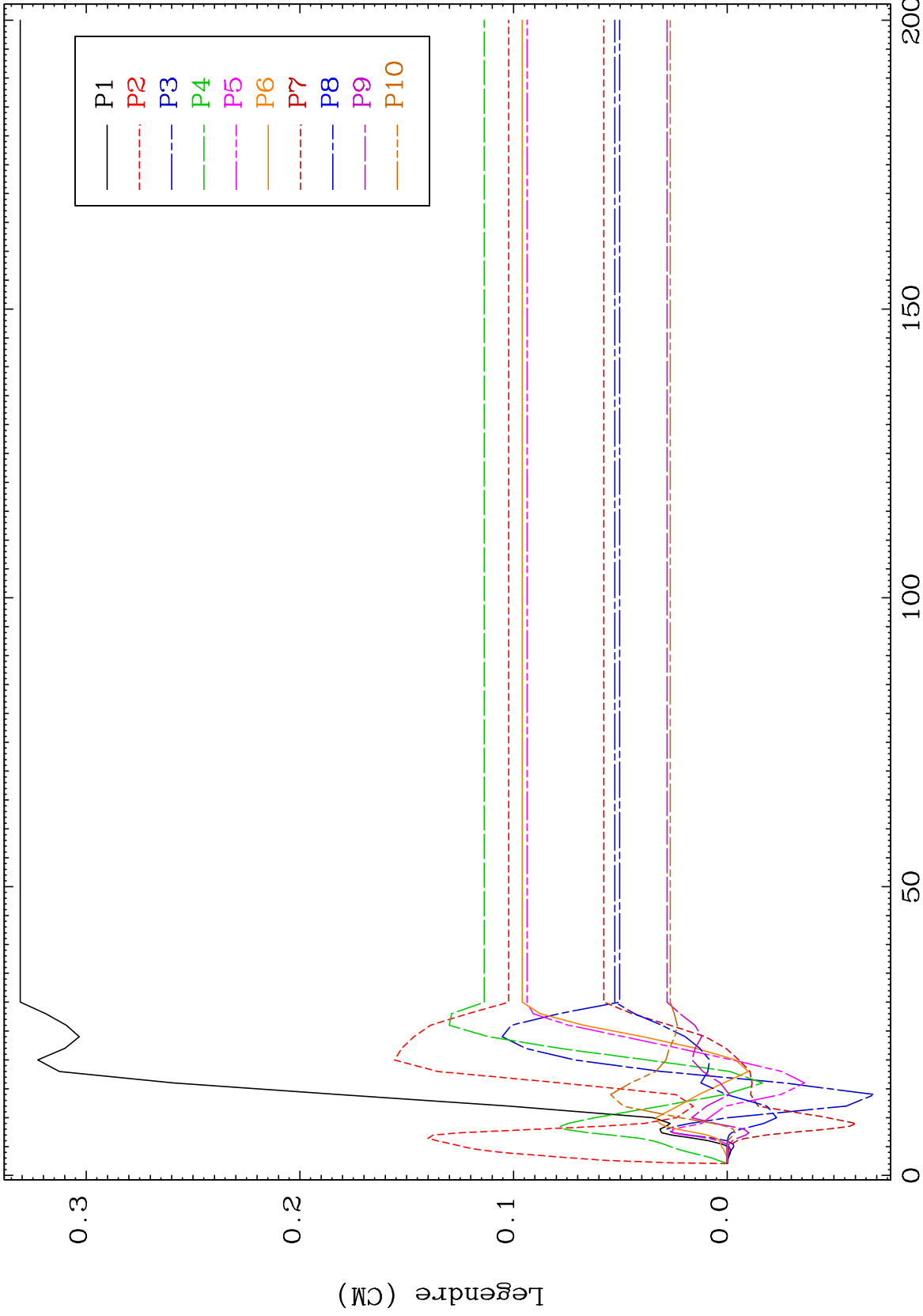
Incident Energy (MeV)

47

MAT 8243

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

82-Pb-210



48

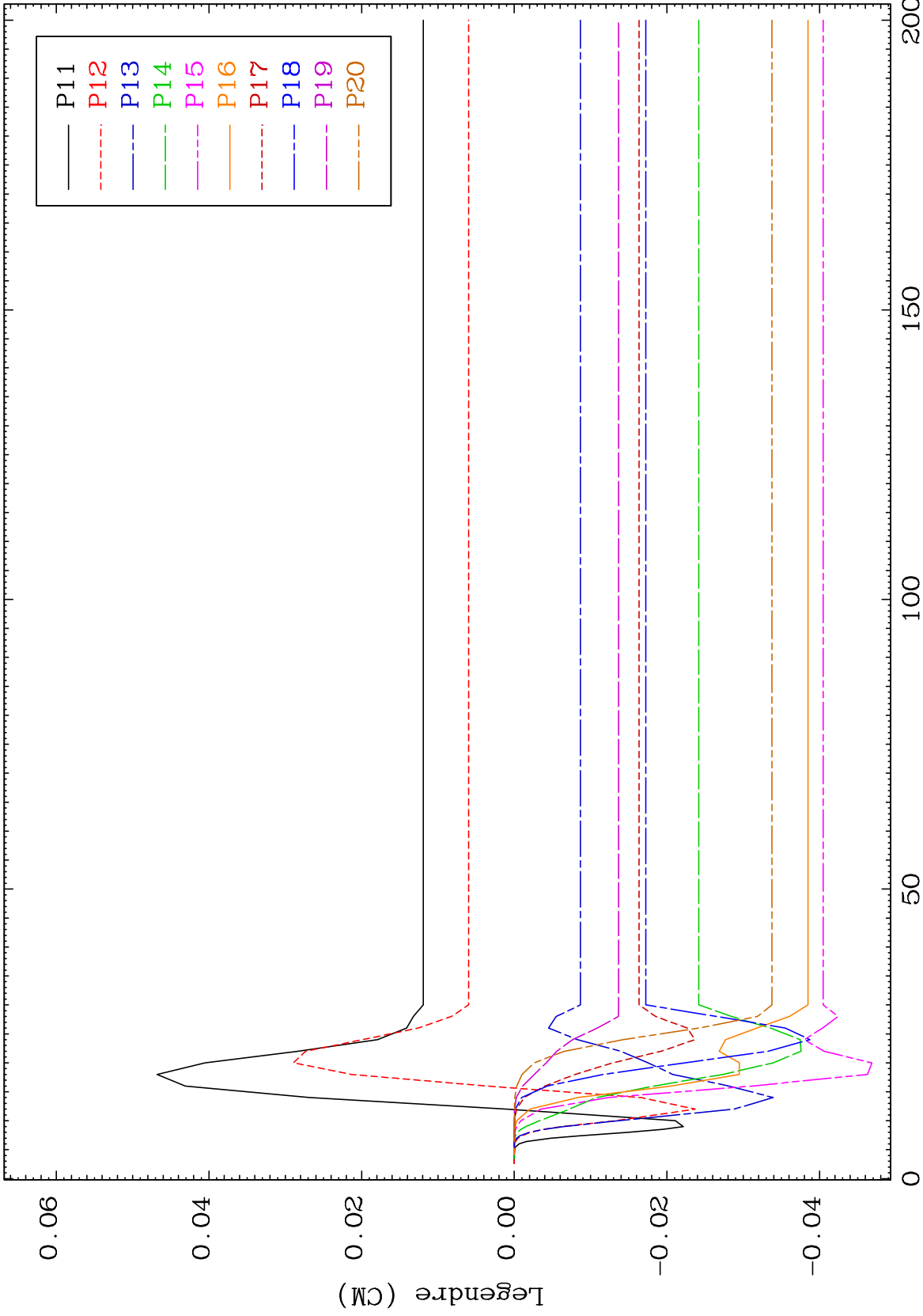
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



49

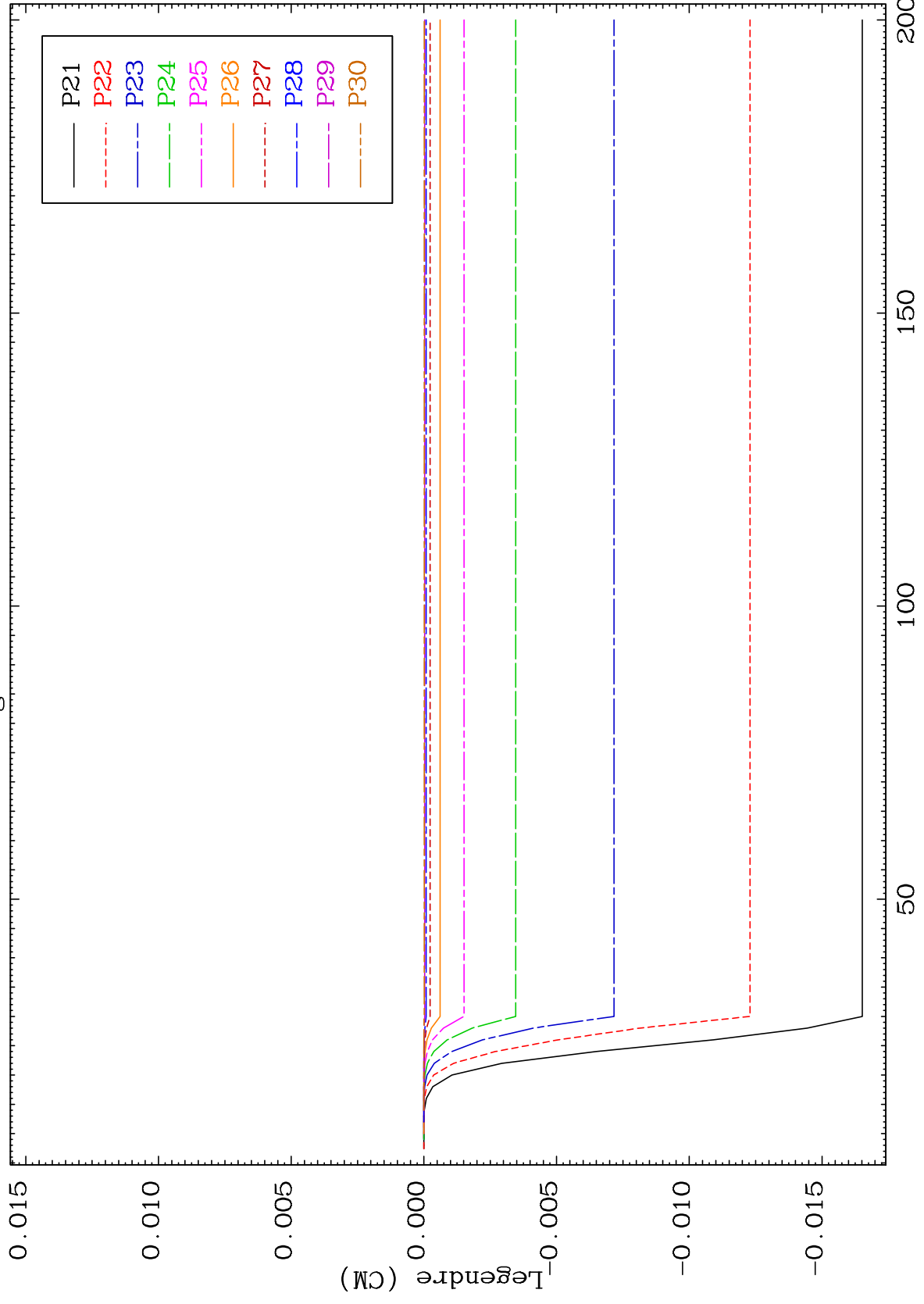
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



50

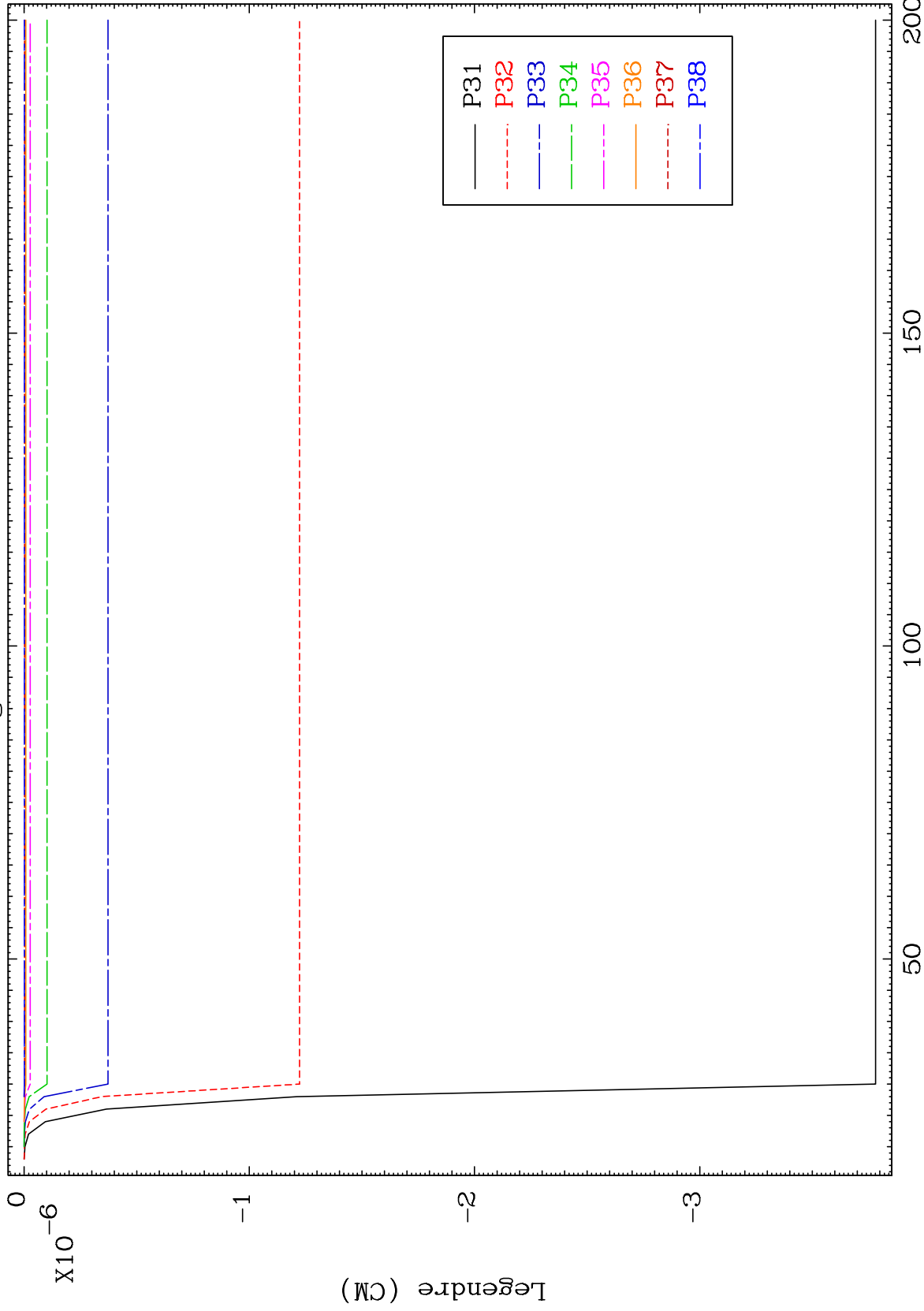
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



82-Pb-210

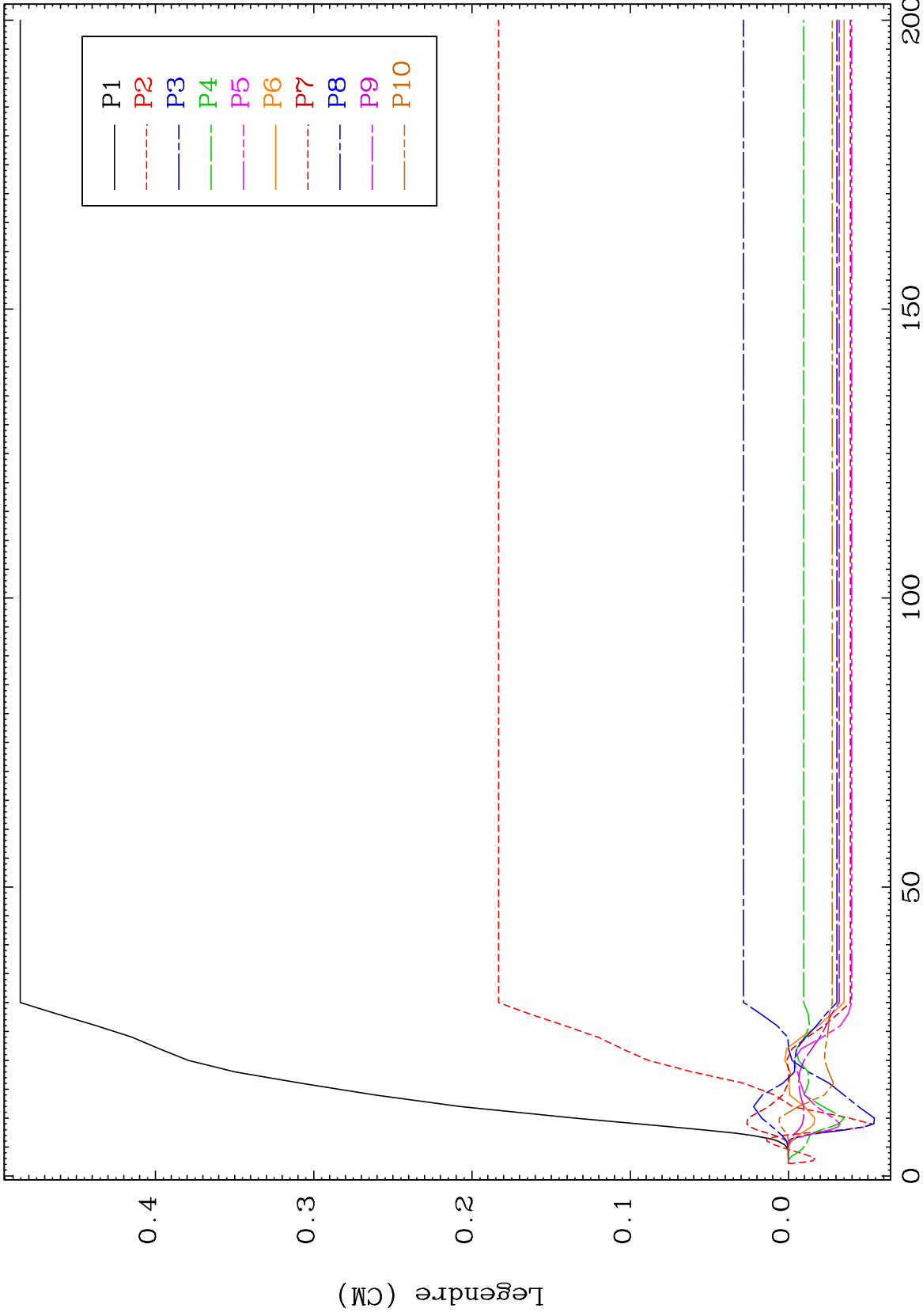
Incident Energy (MeV)

51

MAT 8243

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

82-Pb-210



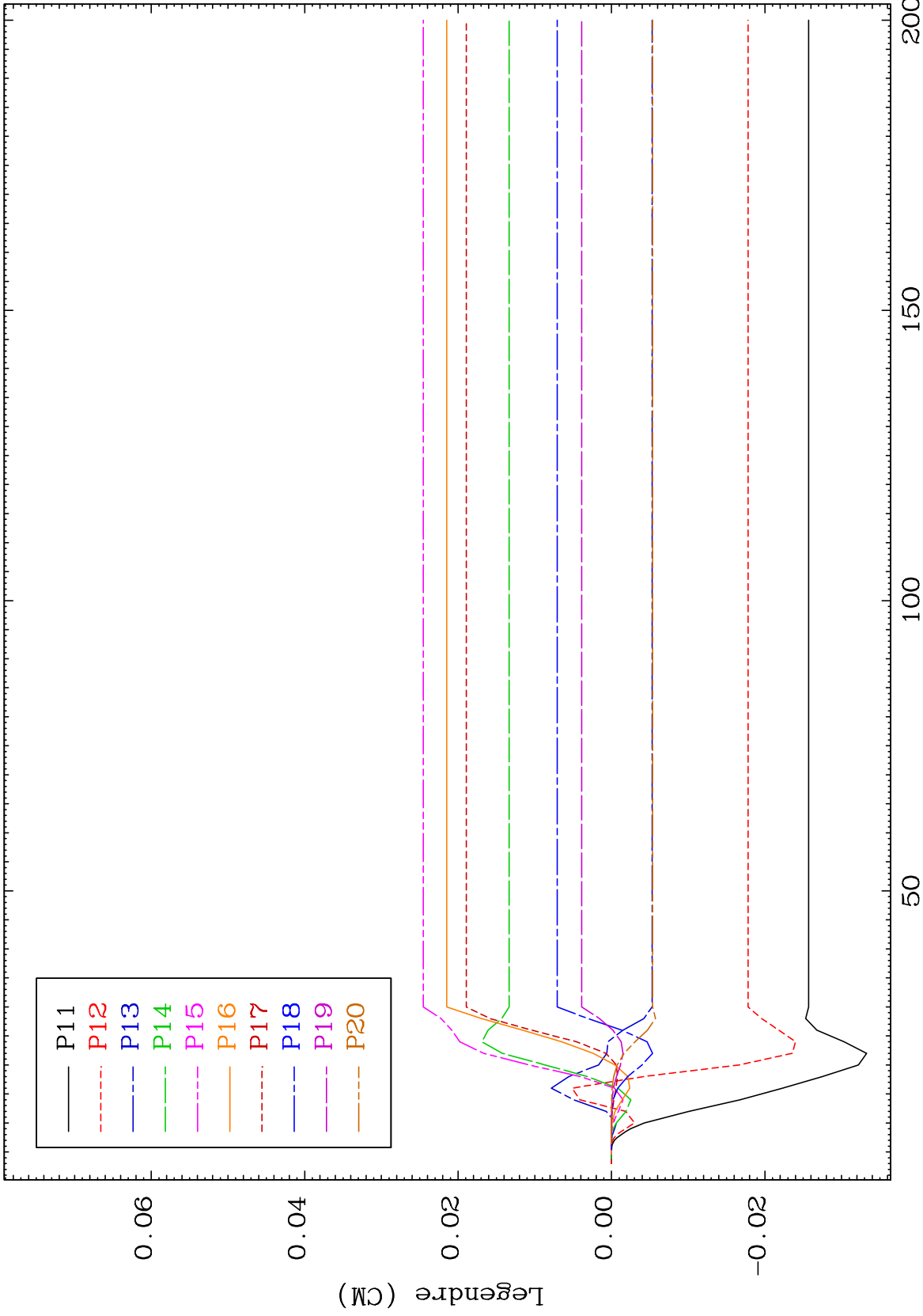
52

82-Pb-210

MAT 8243

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

82-Pb-210



53

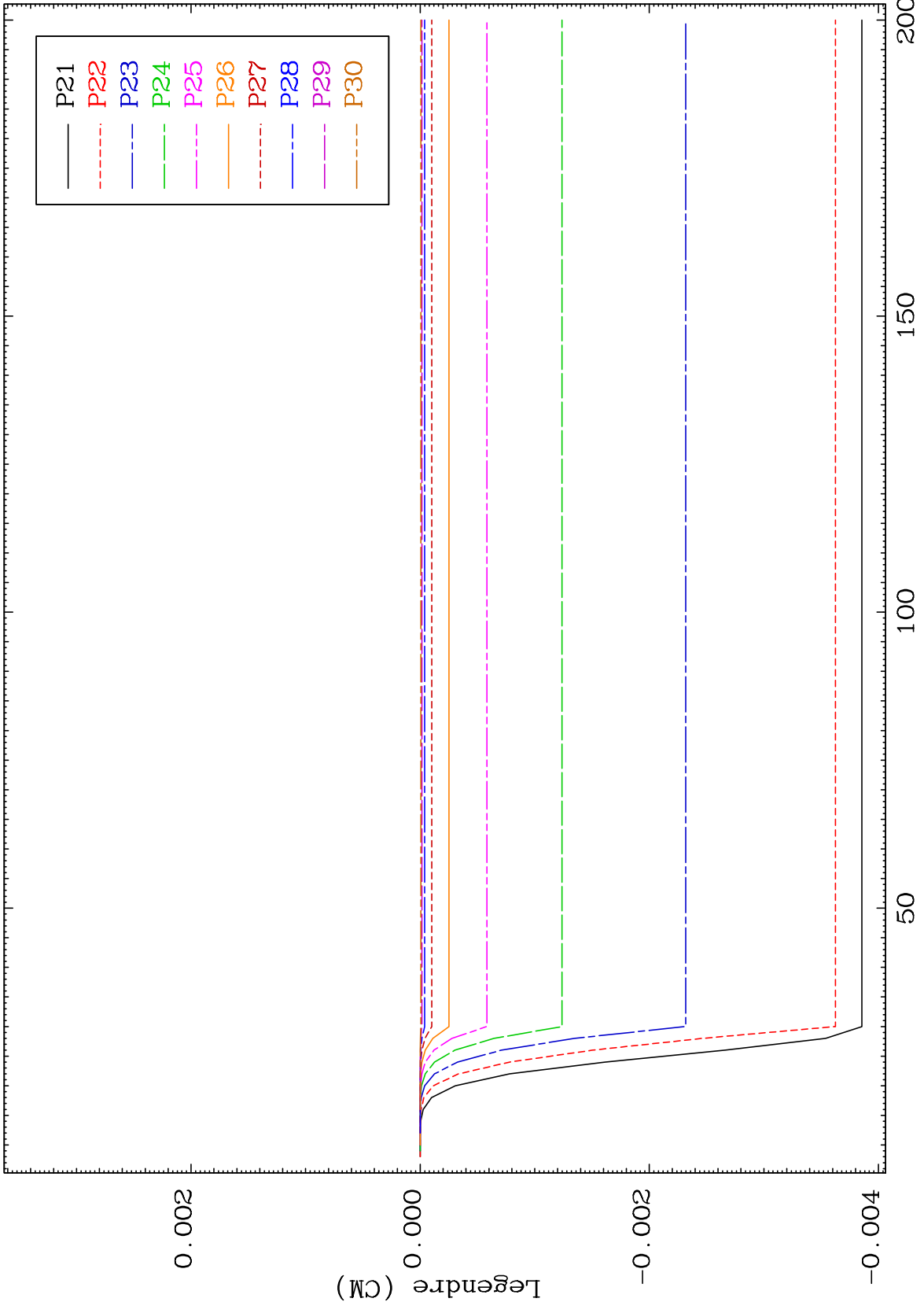
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



54

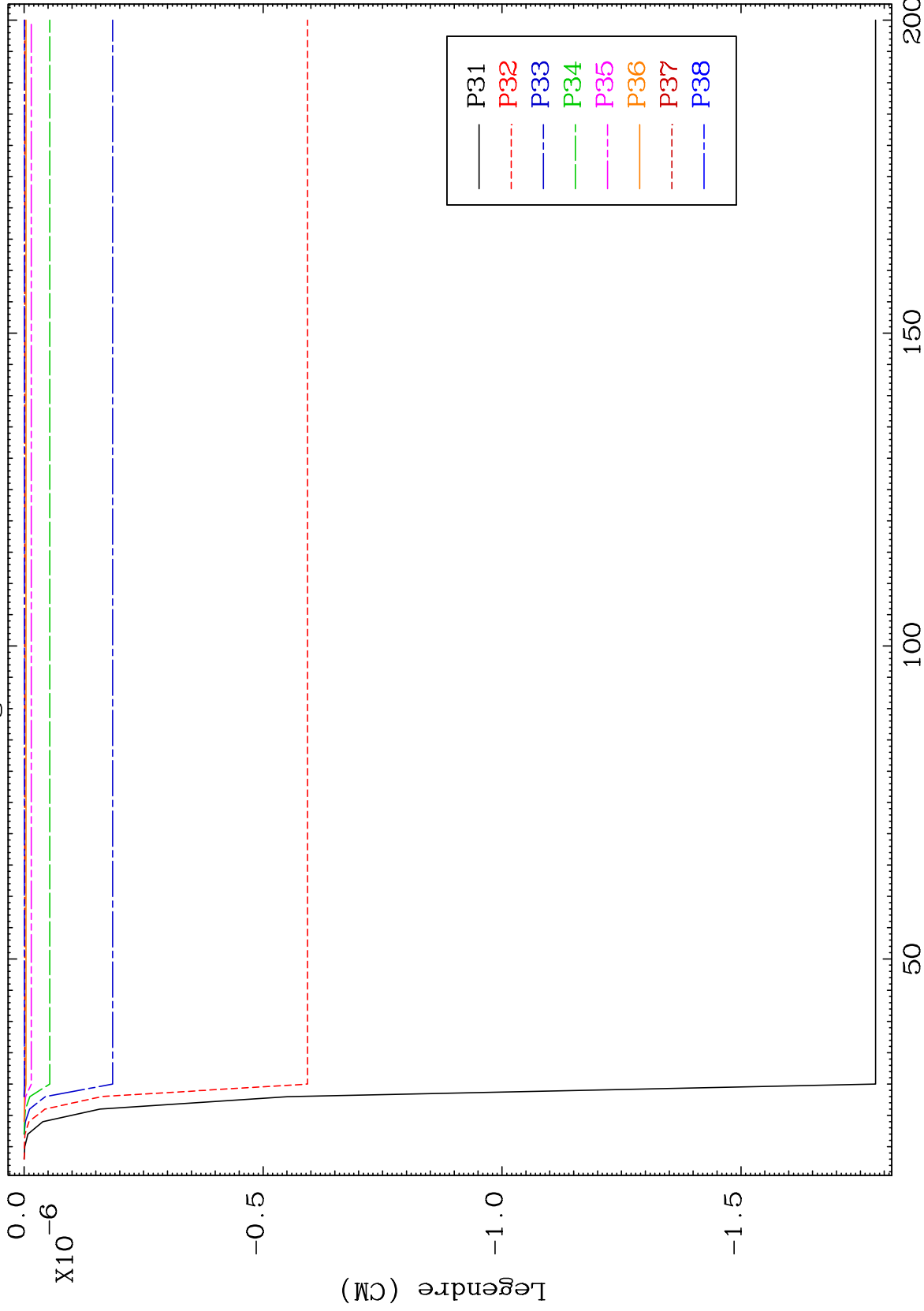
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



82-Pb-210

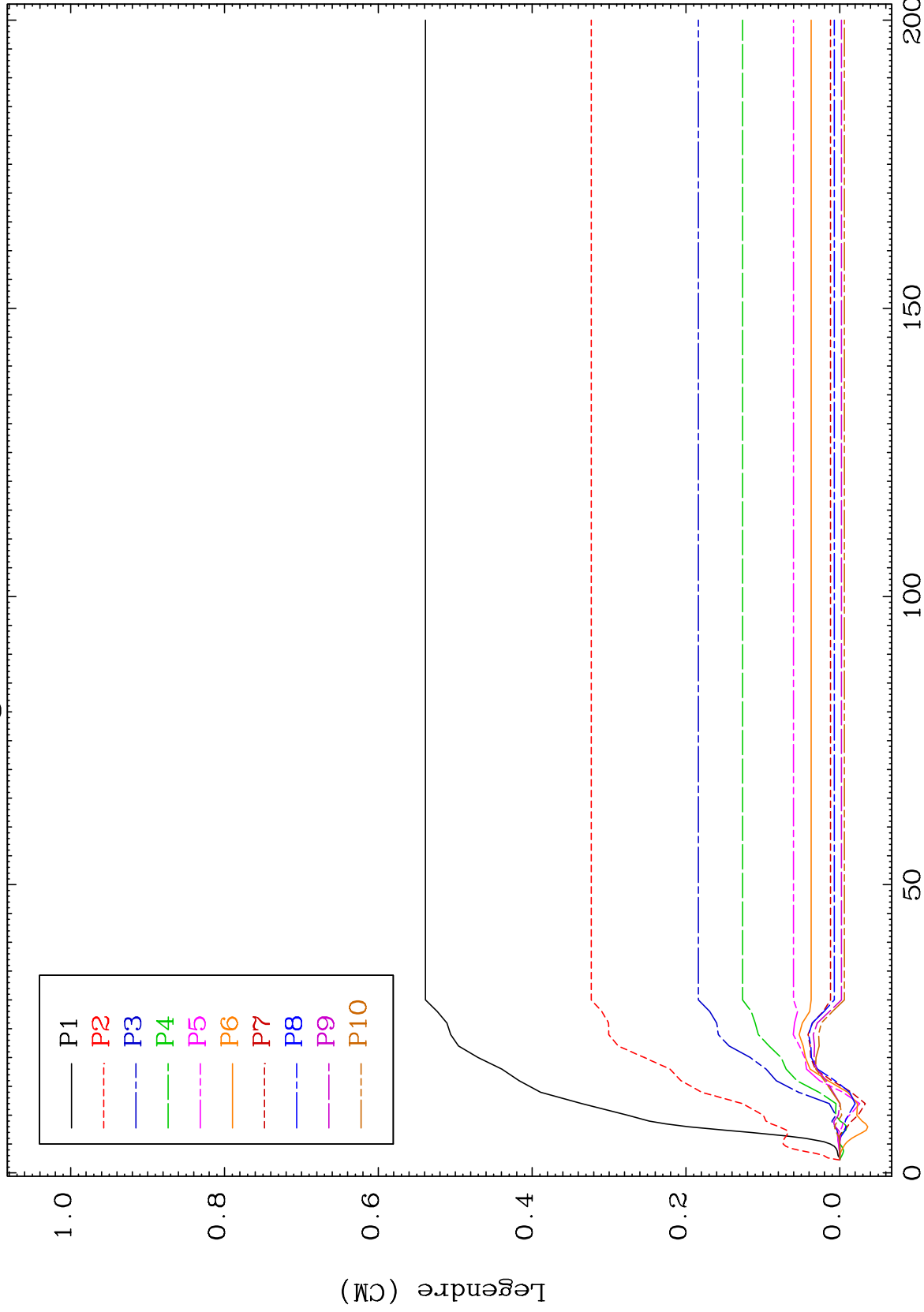
Incident Energy (MeV)

55

MAT 8243

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

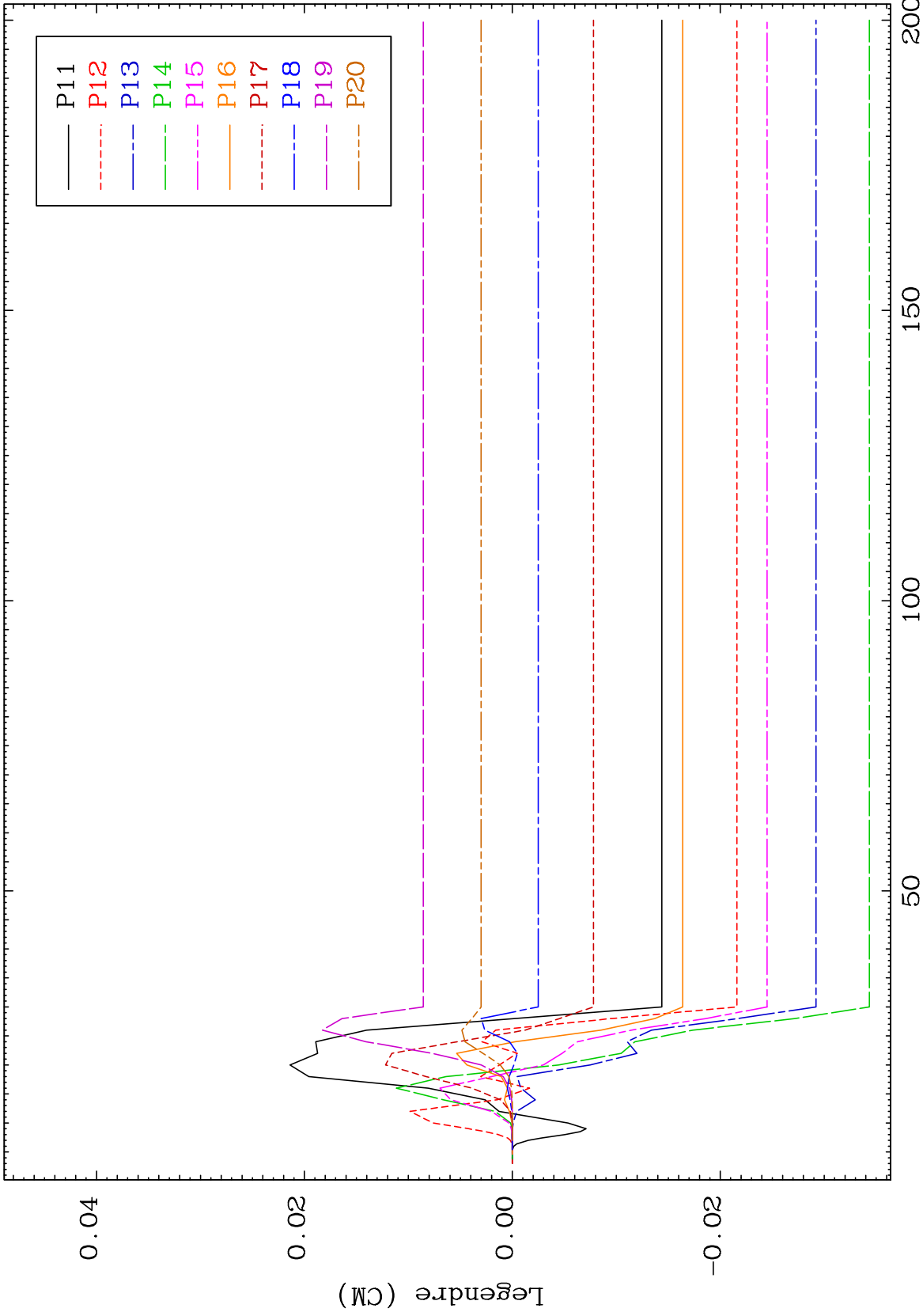
82-Pb-210



MAT 8243

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

82-Pb-210



57

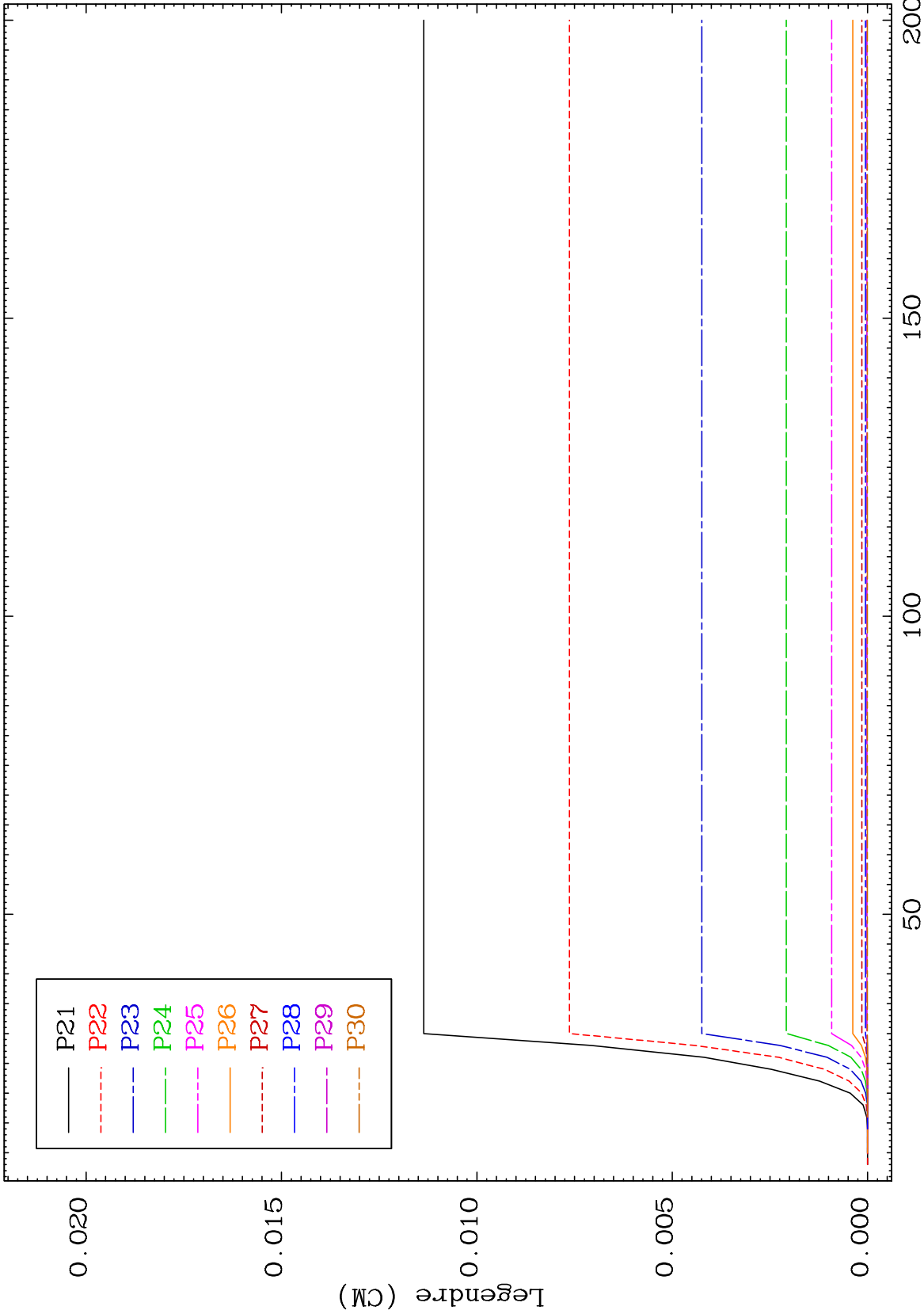
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



58

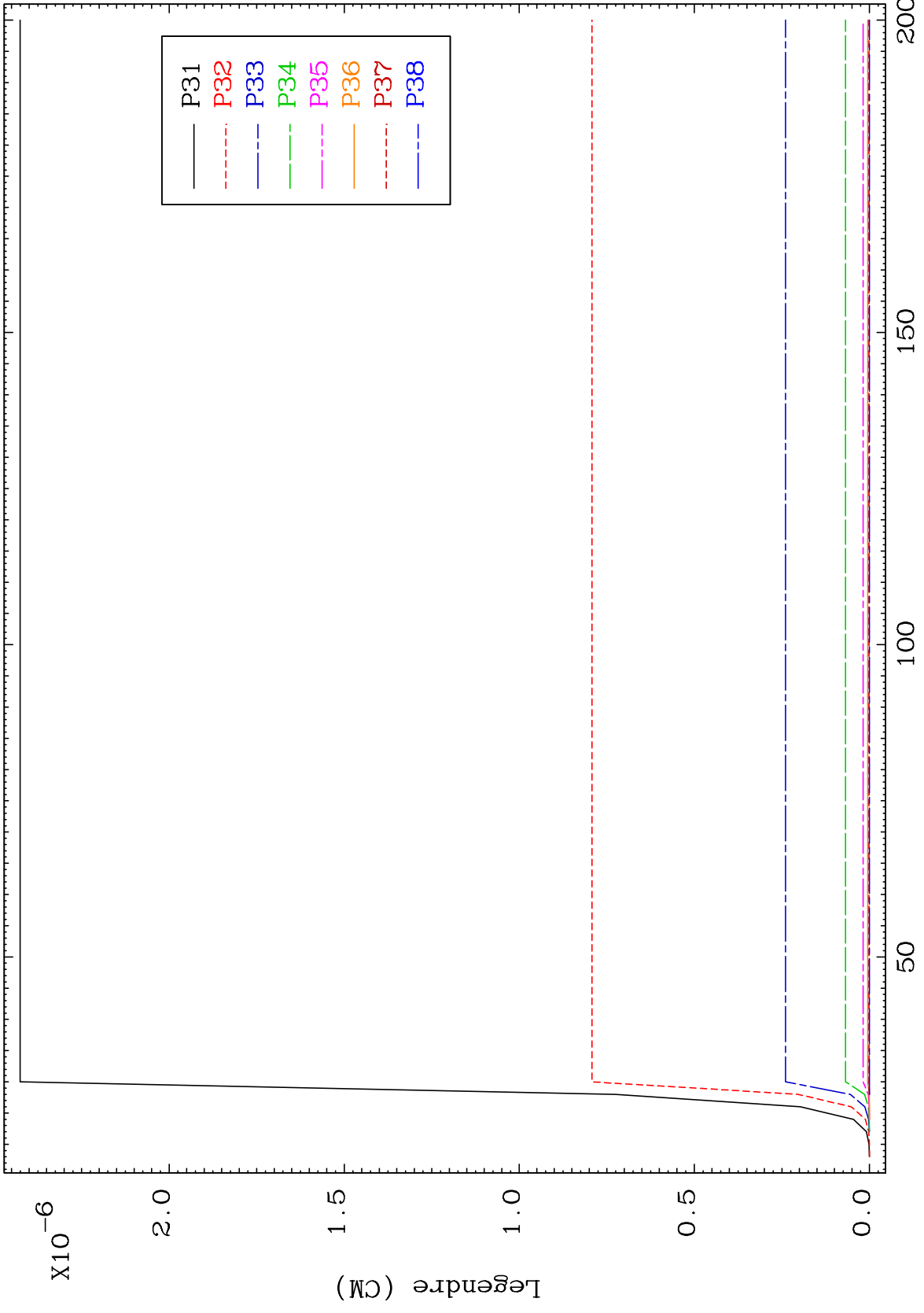
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



59

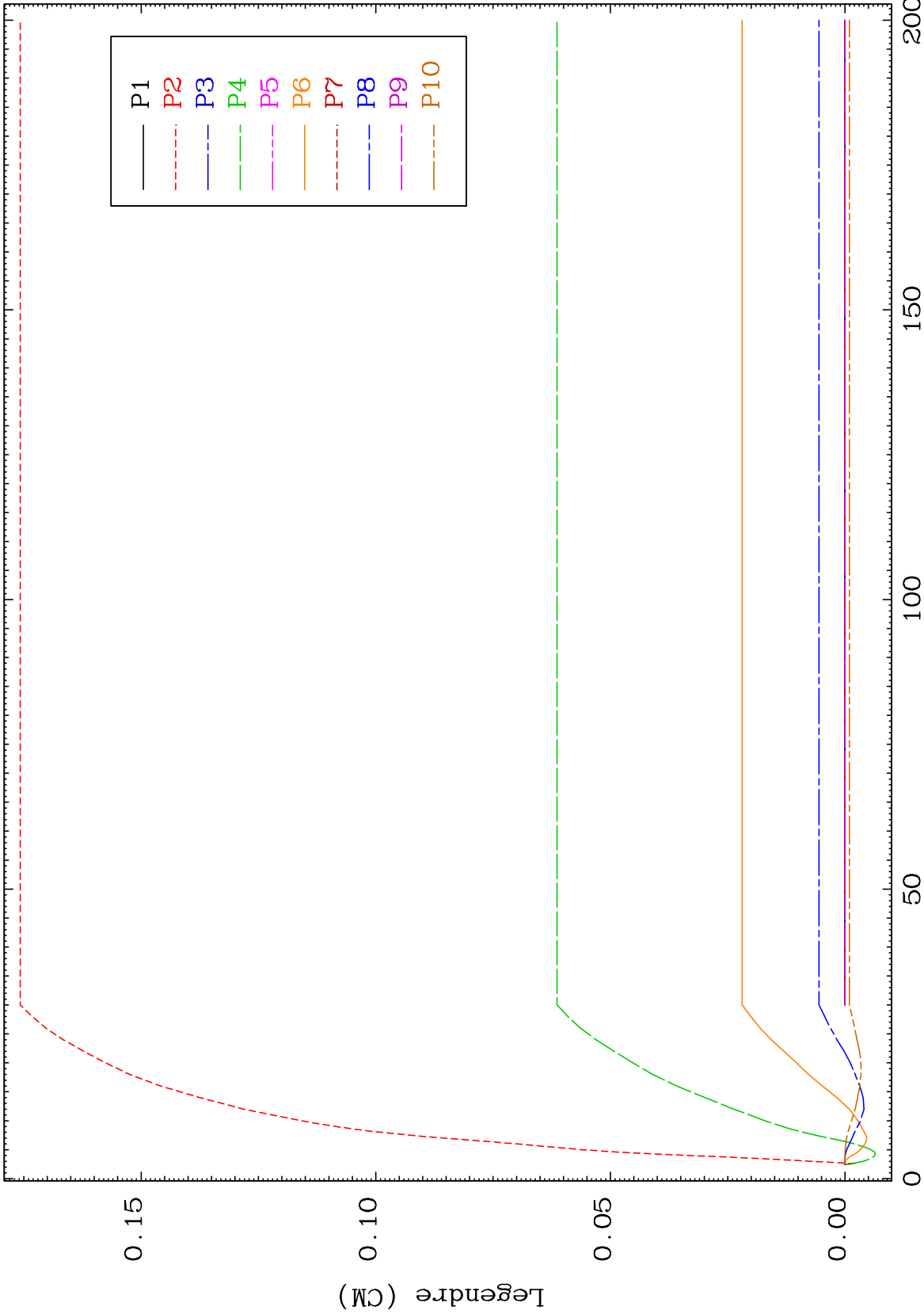
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



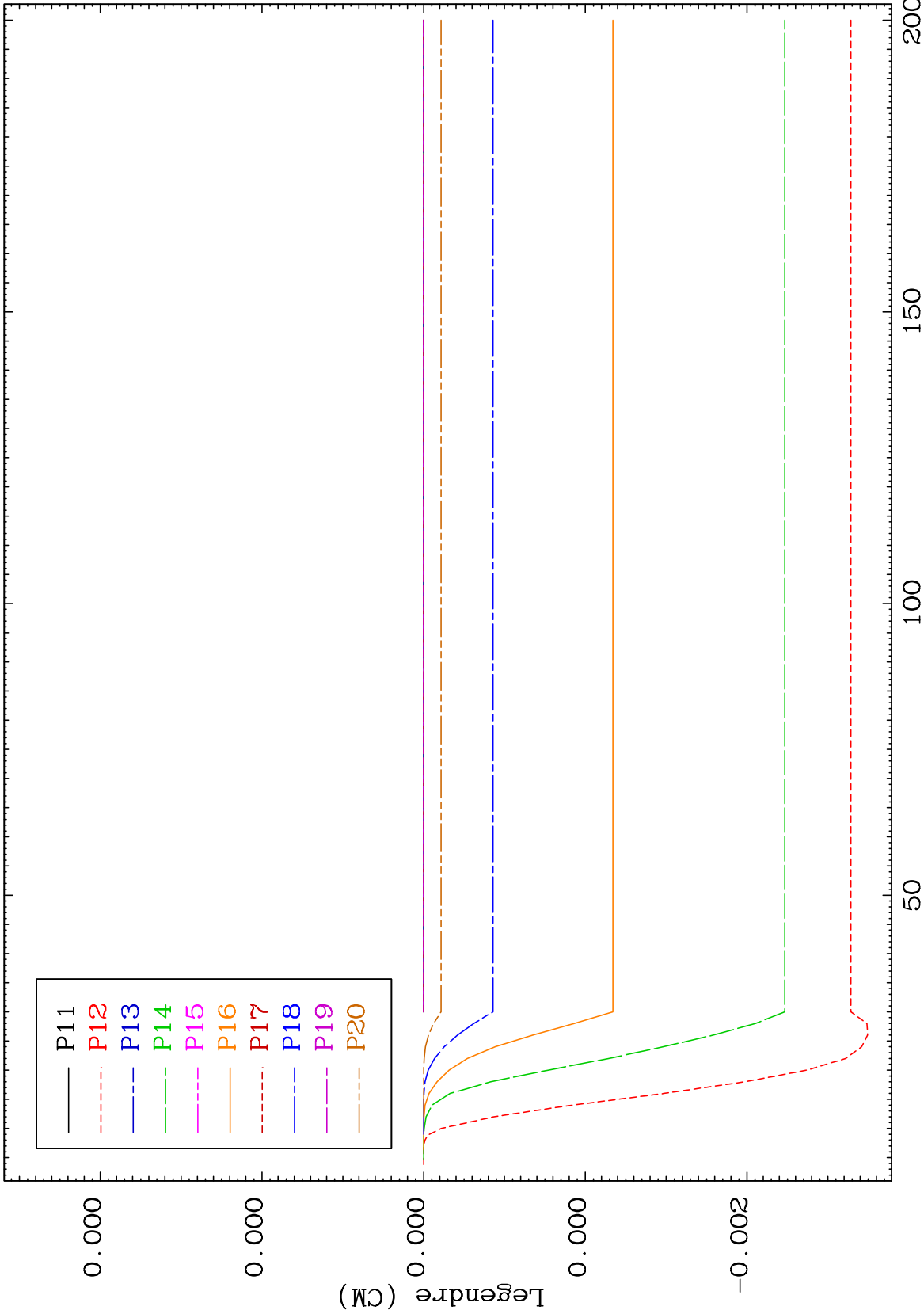
82-Pb-210

Incident Energy (MeV)

MAT 8243

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

82-Pb-210



61

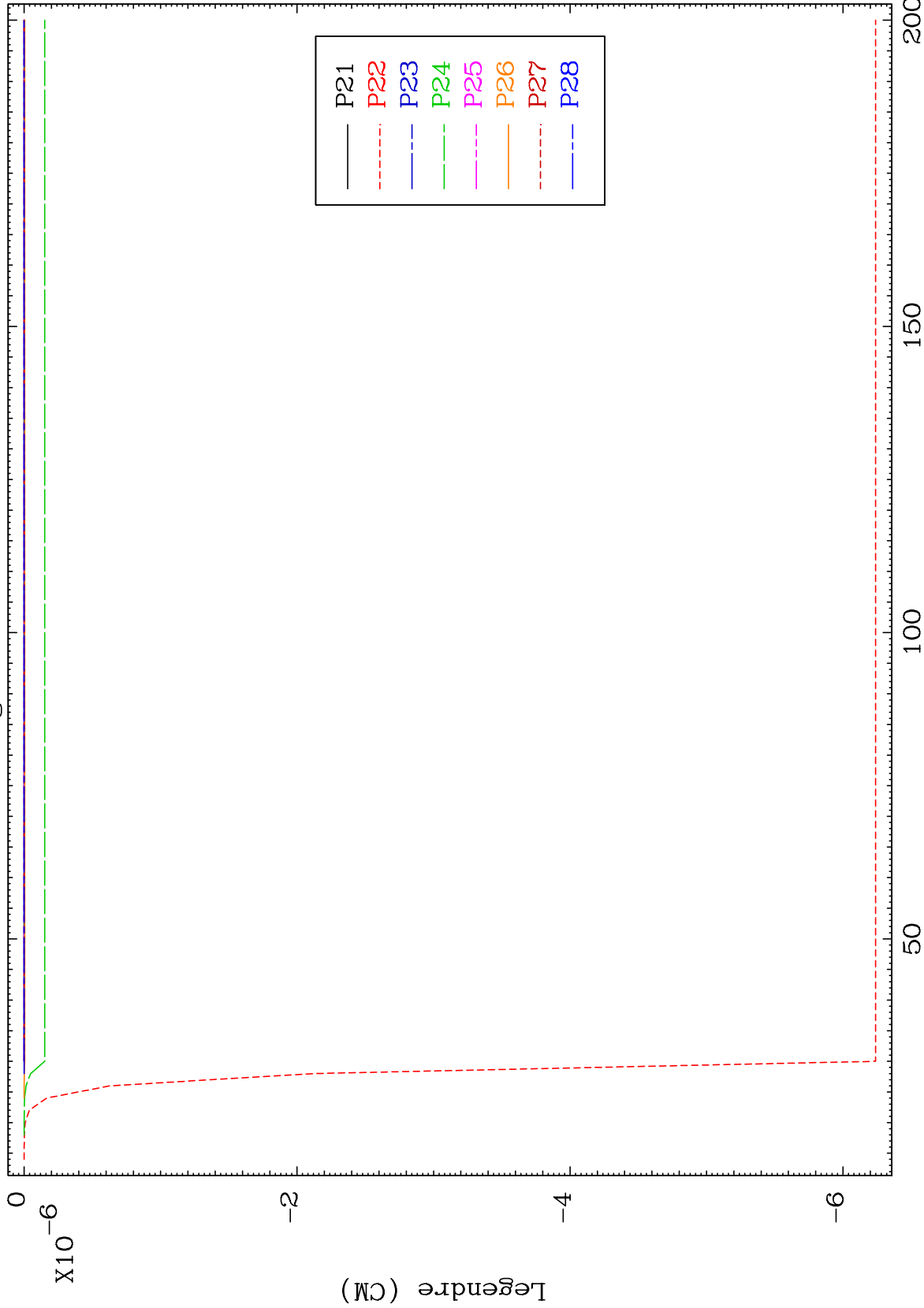
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



62

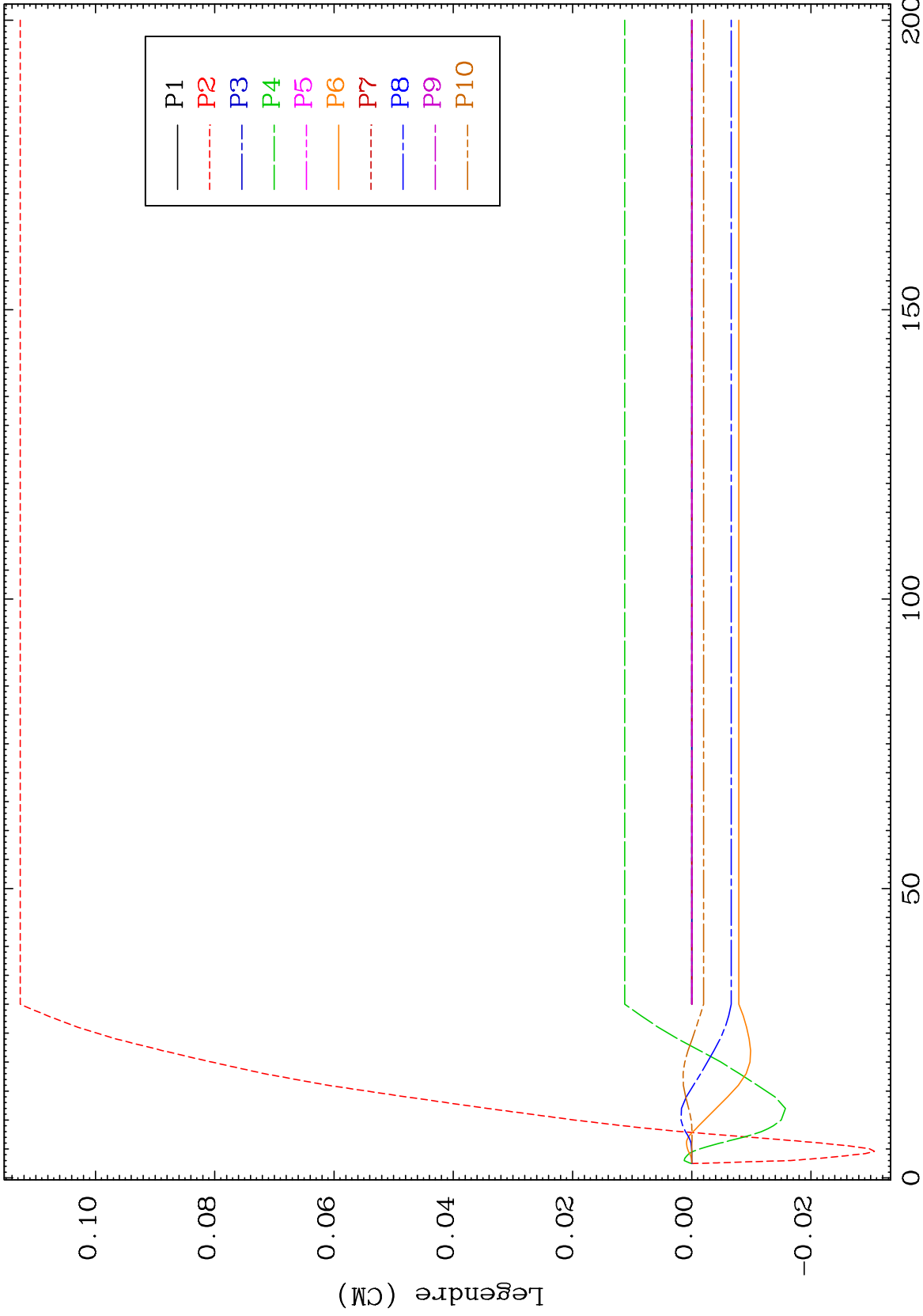
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



63

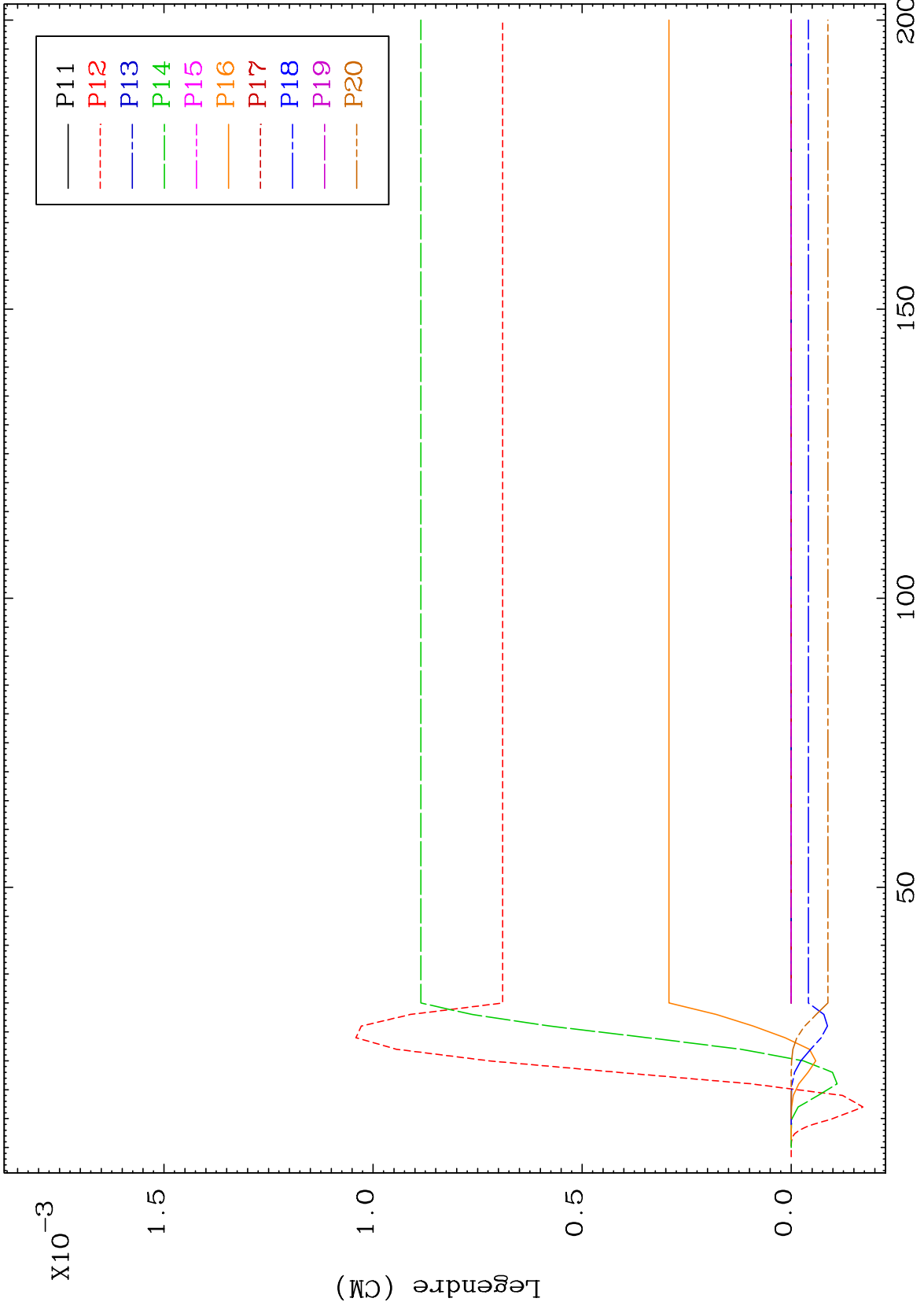
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



64

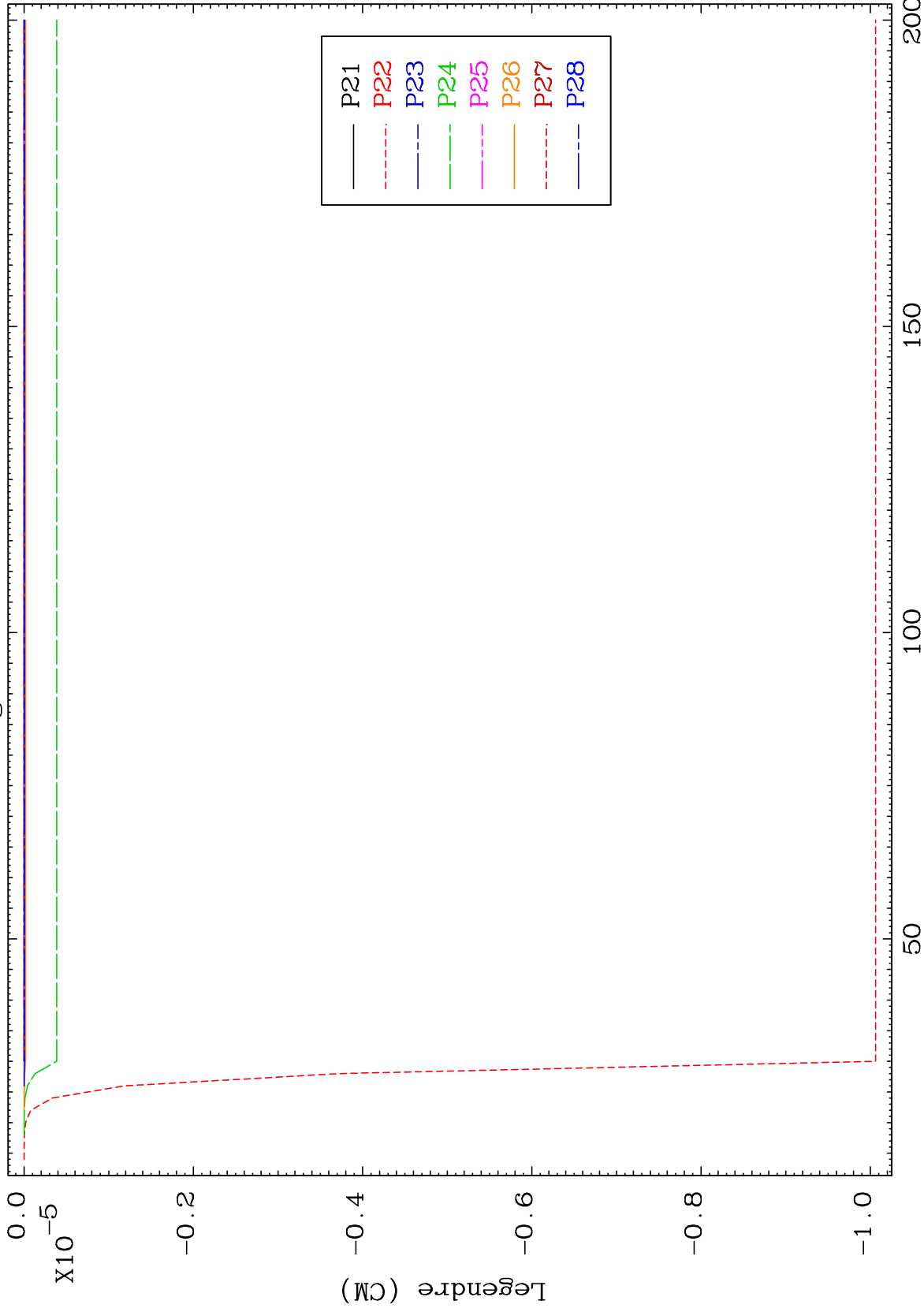
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



65

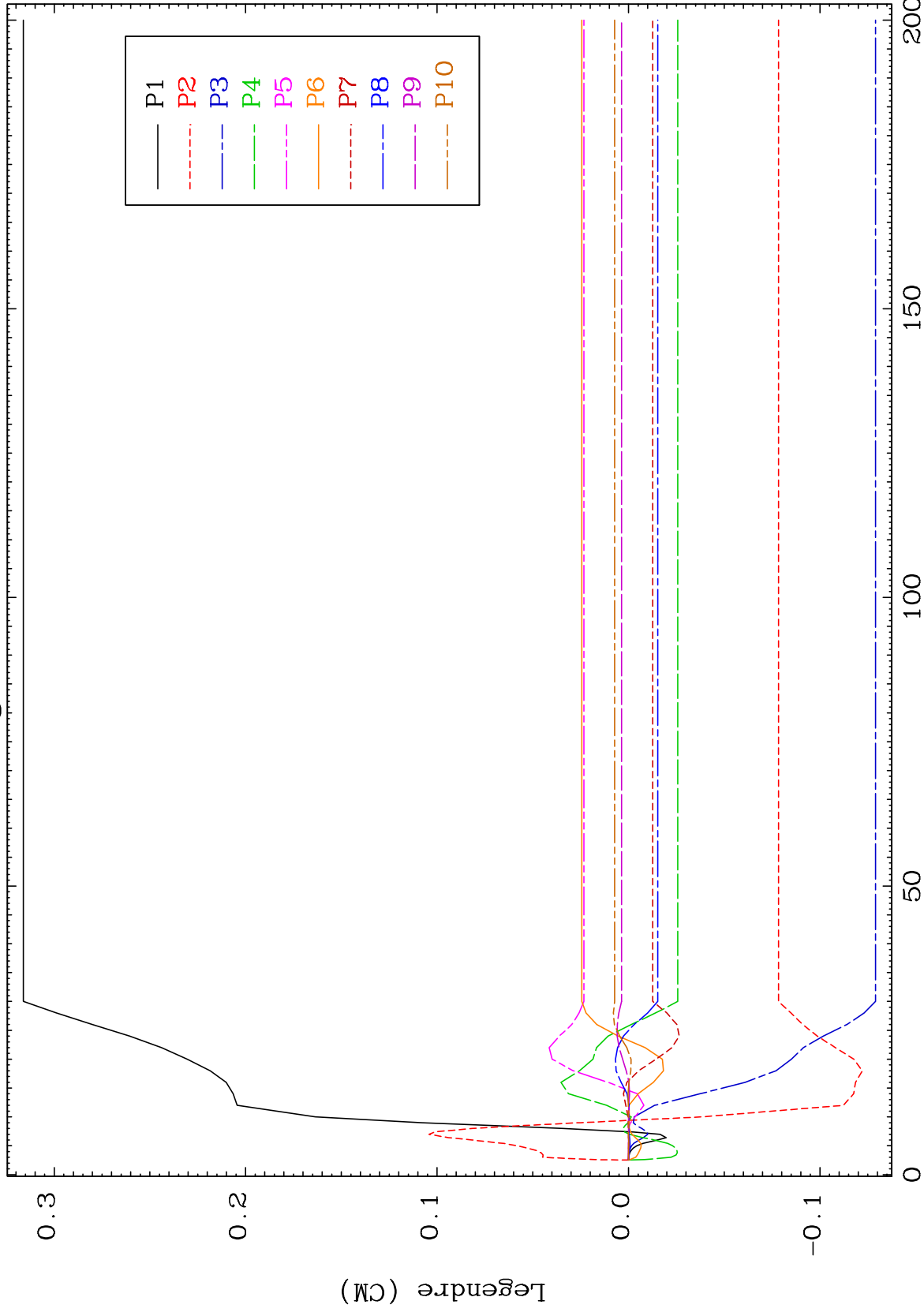
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



66

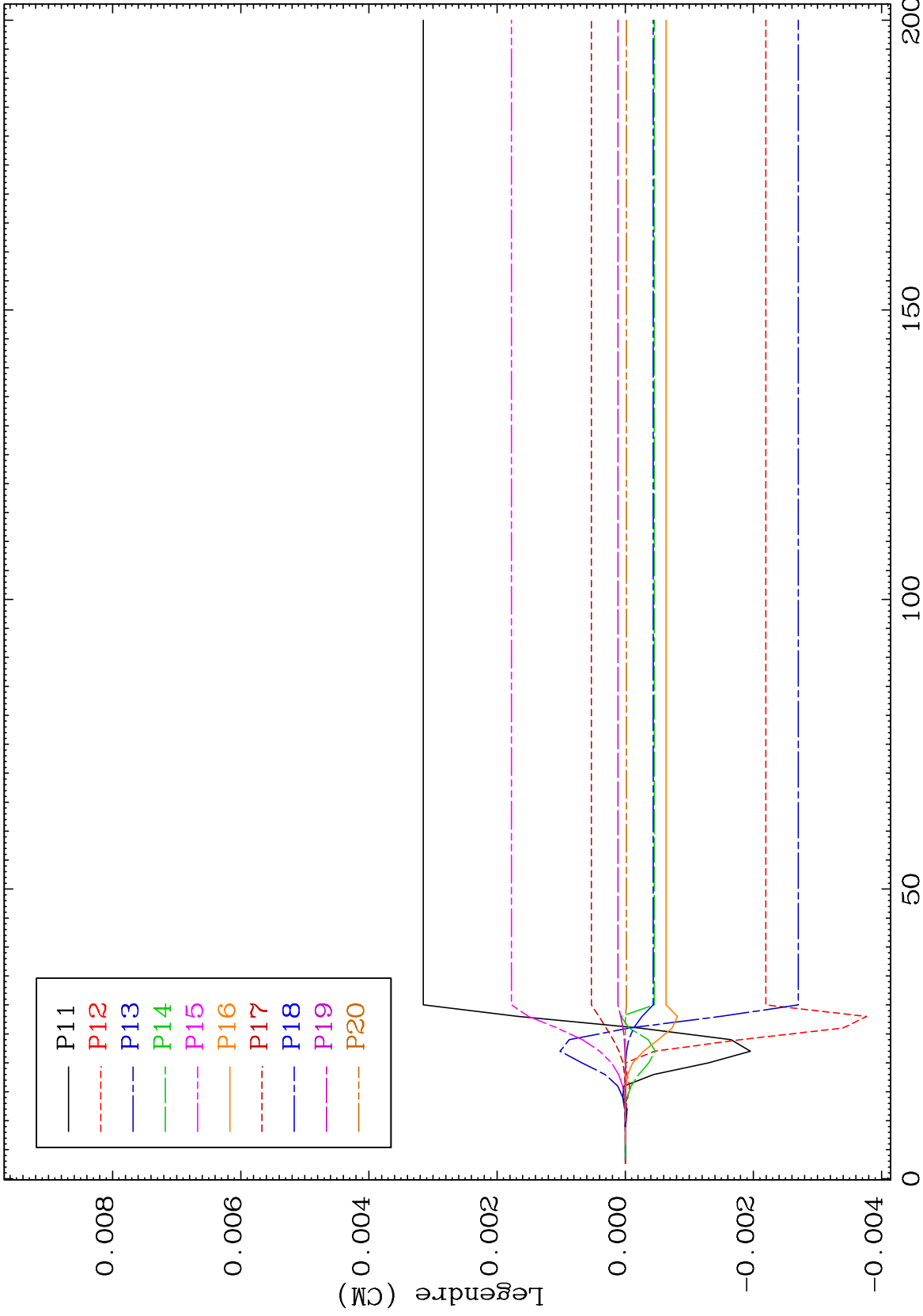
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



67

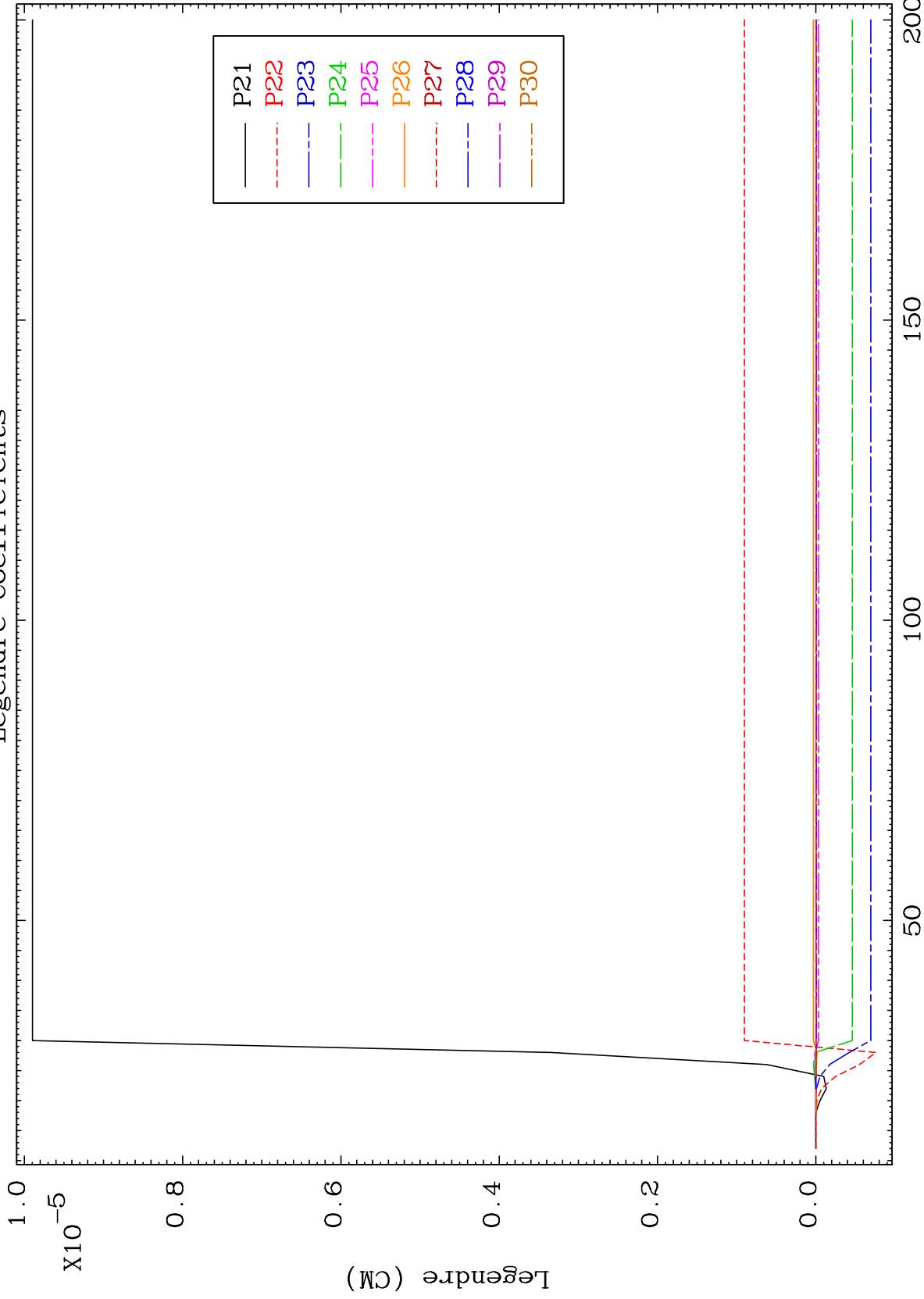
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



68

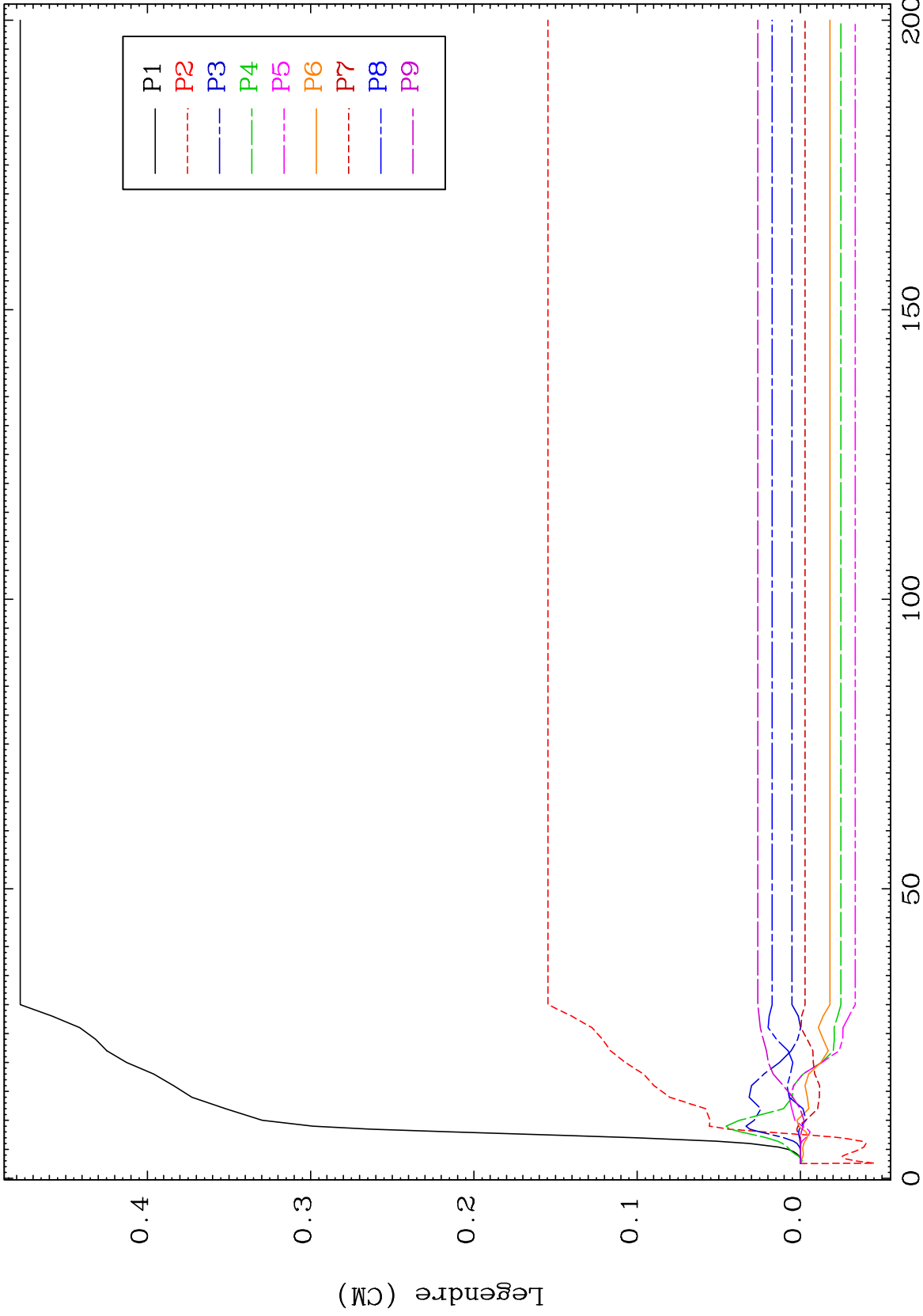
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



69

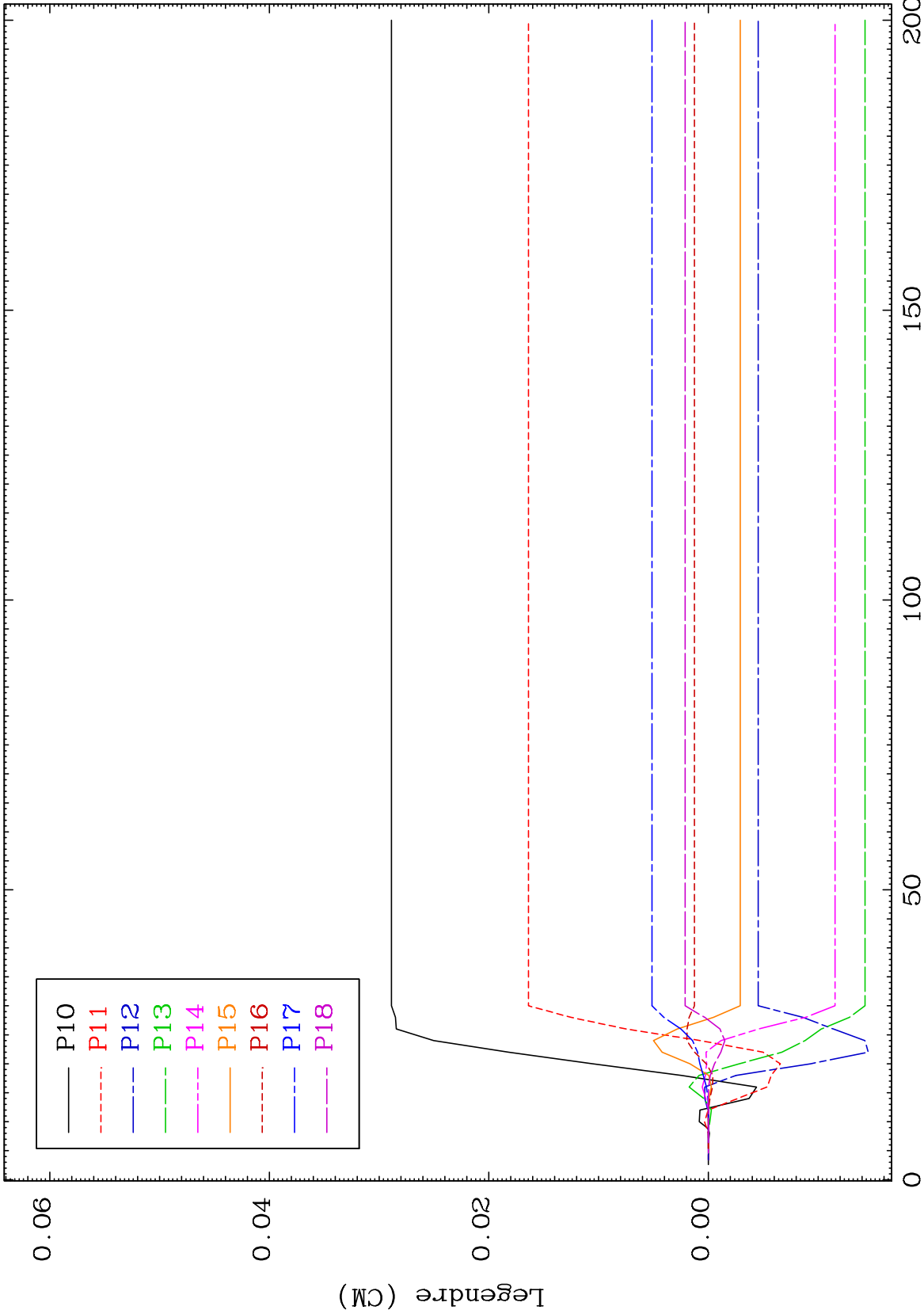
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



70

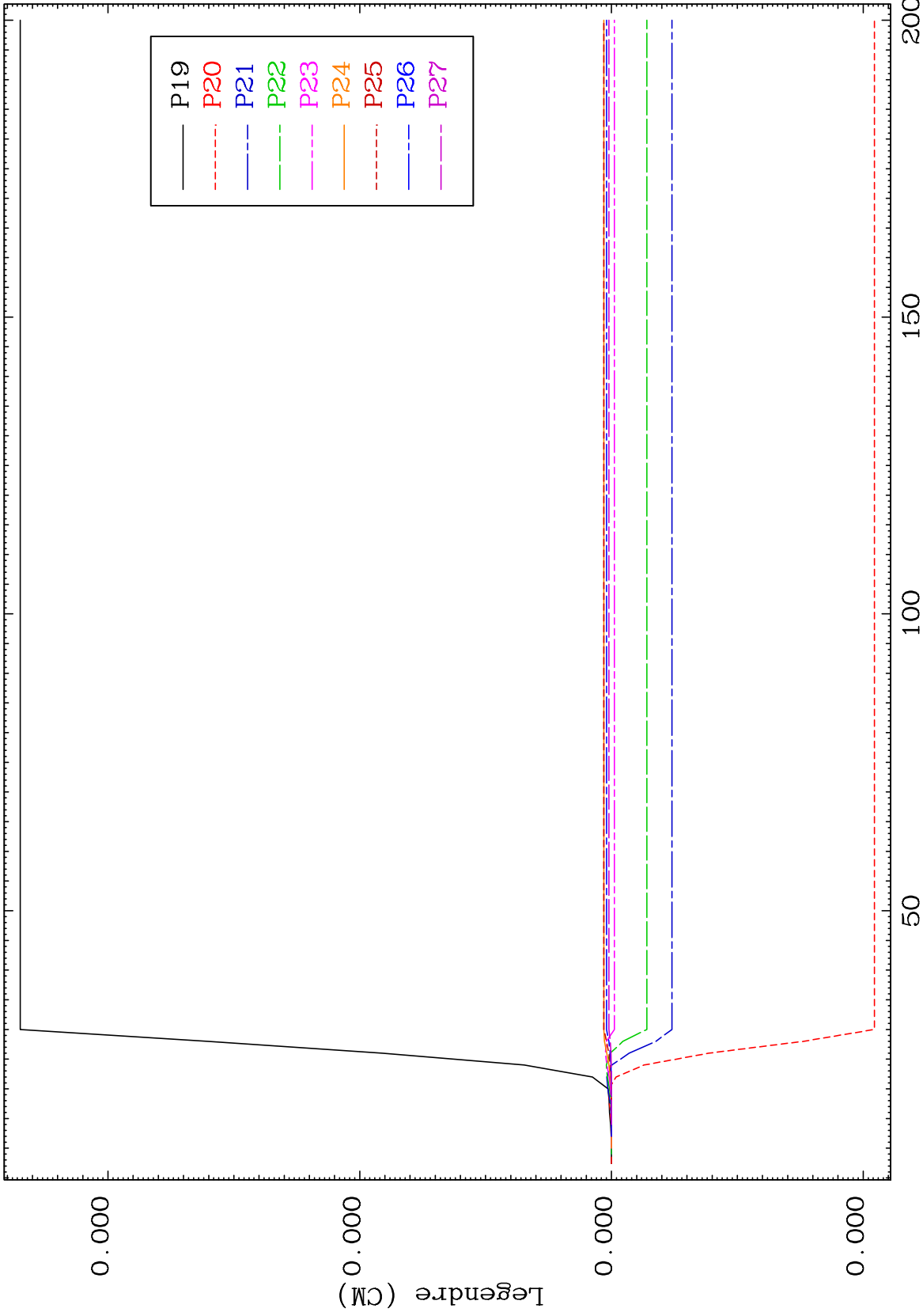
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



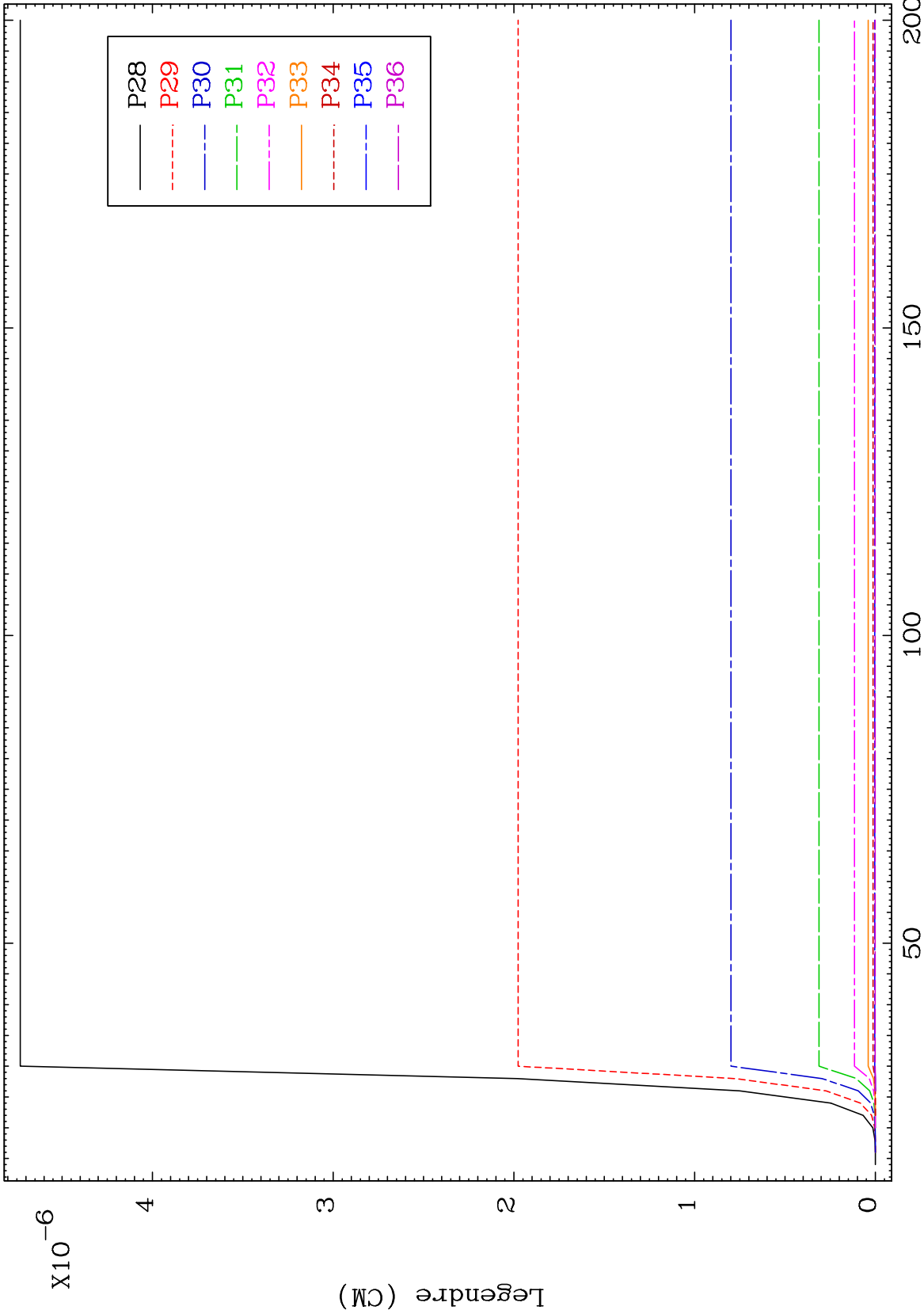
71

82-Pb-210

MAT 8243

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

82-Pb-210

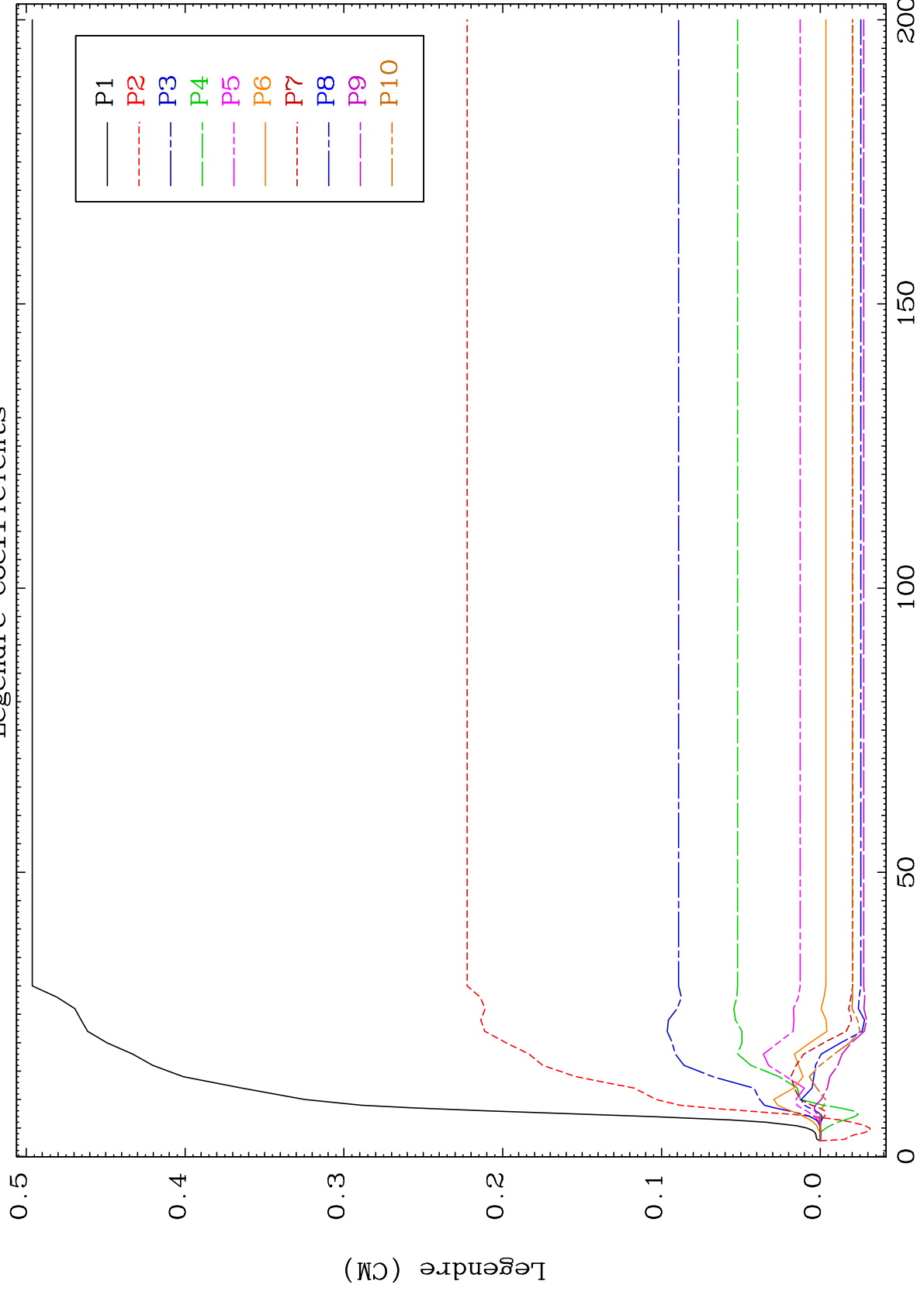


72

82-Pb-210

82-Pb-210

MAT 8243 MT= 65 (n,n') Level Legendre Coefficients 82-Pb-210

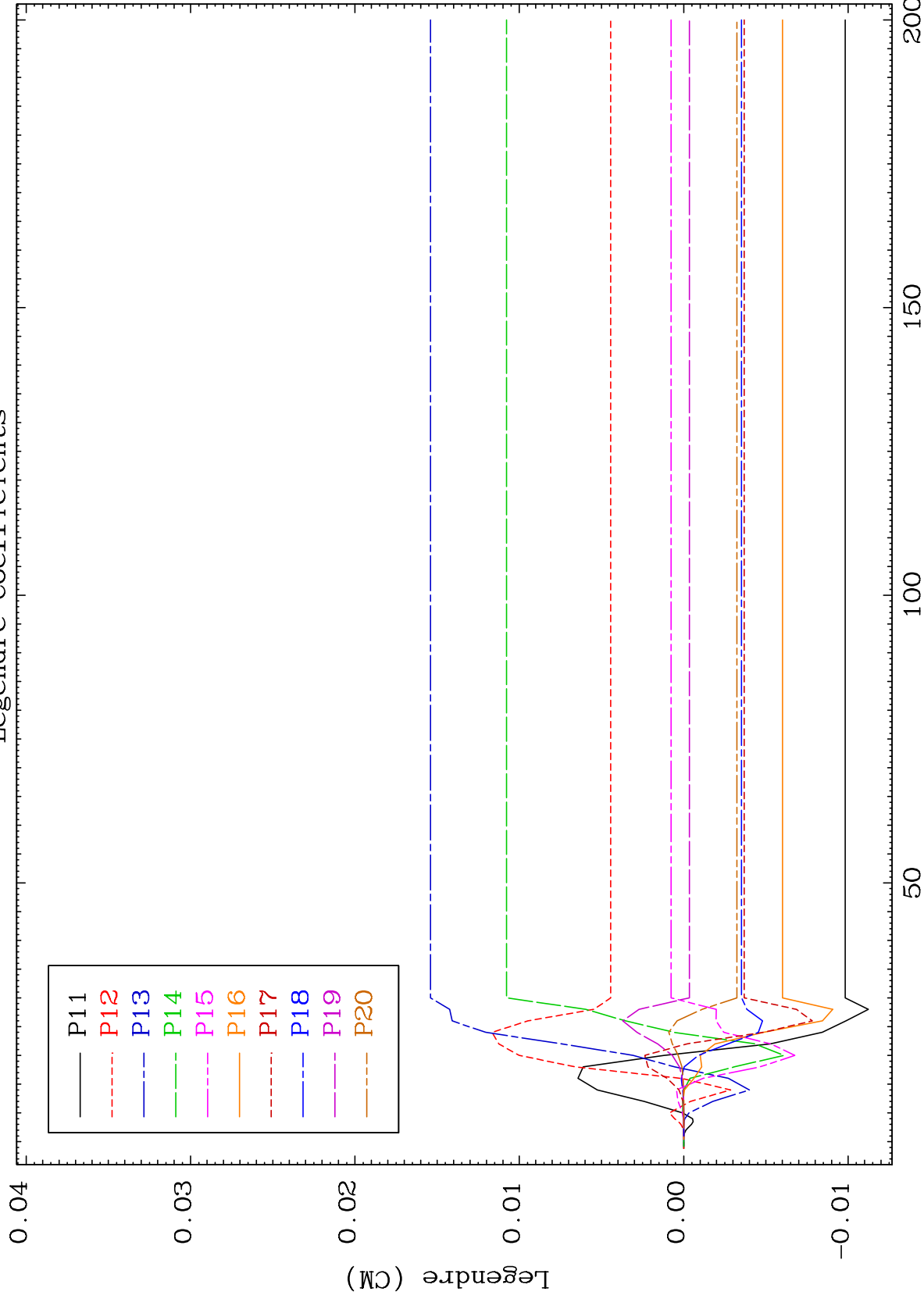


73 82-Pb-210

MAT 8243

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

82-Pb-210



74

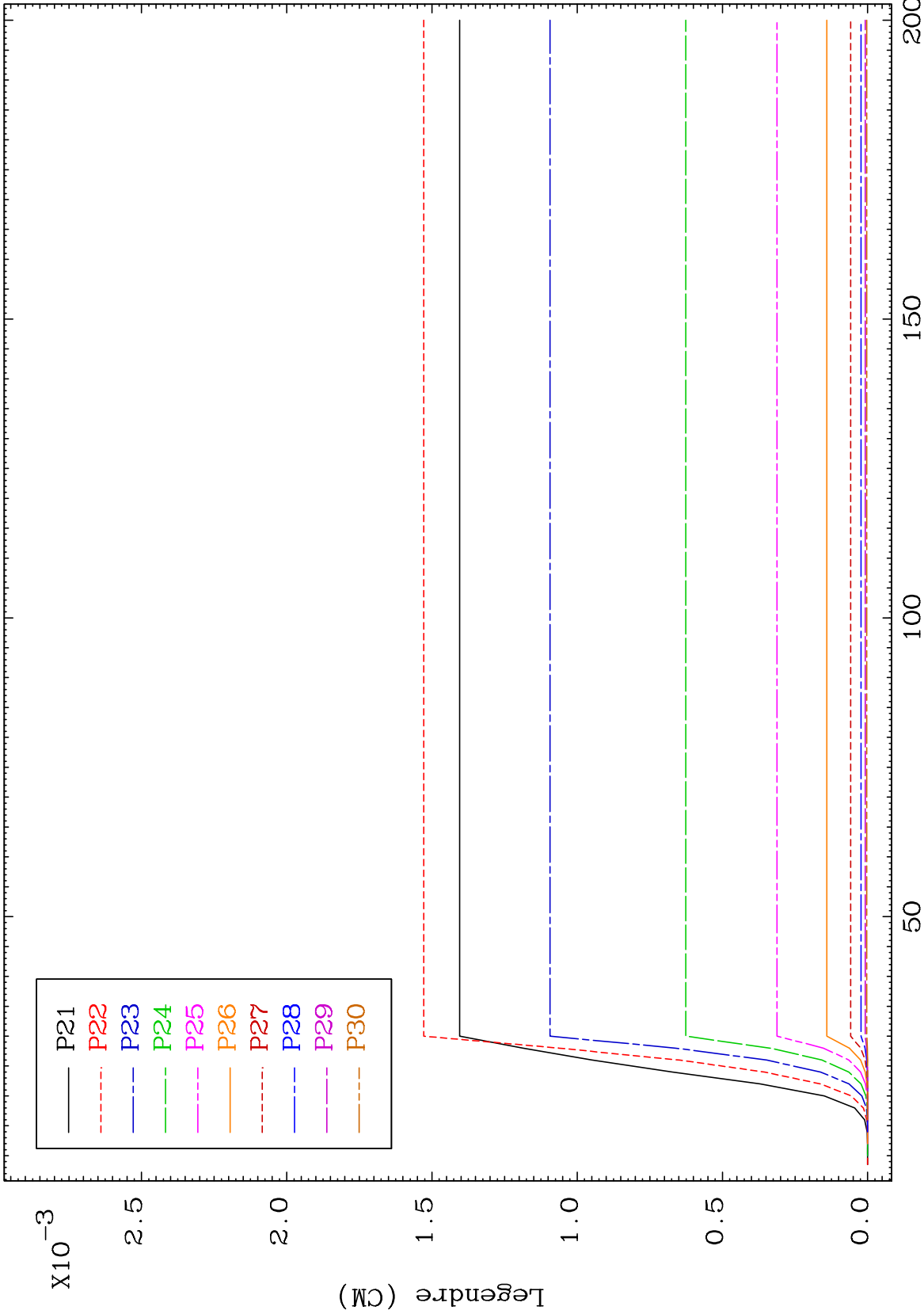
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



75

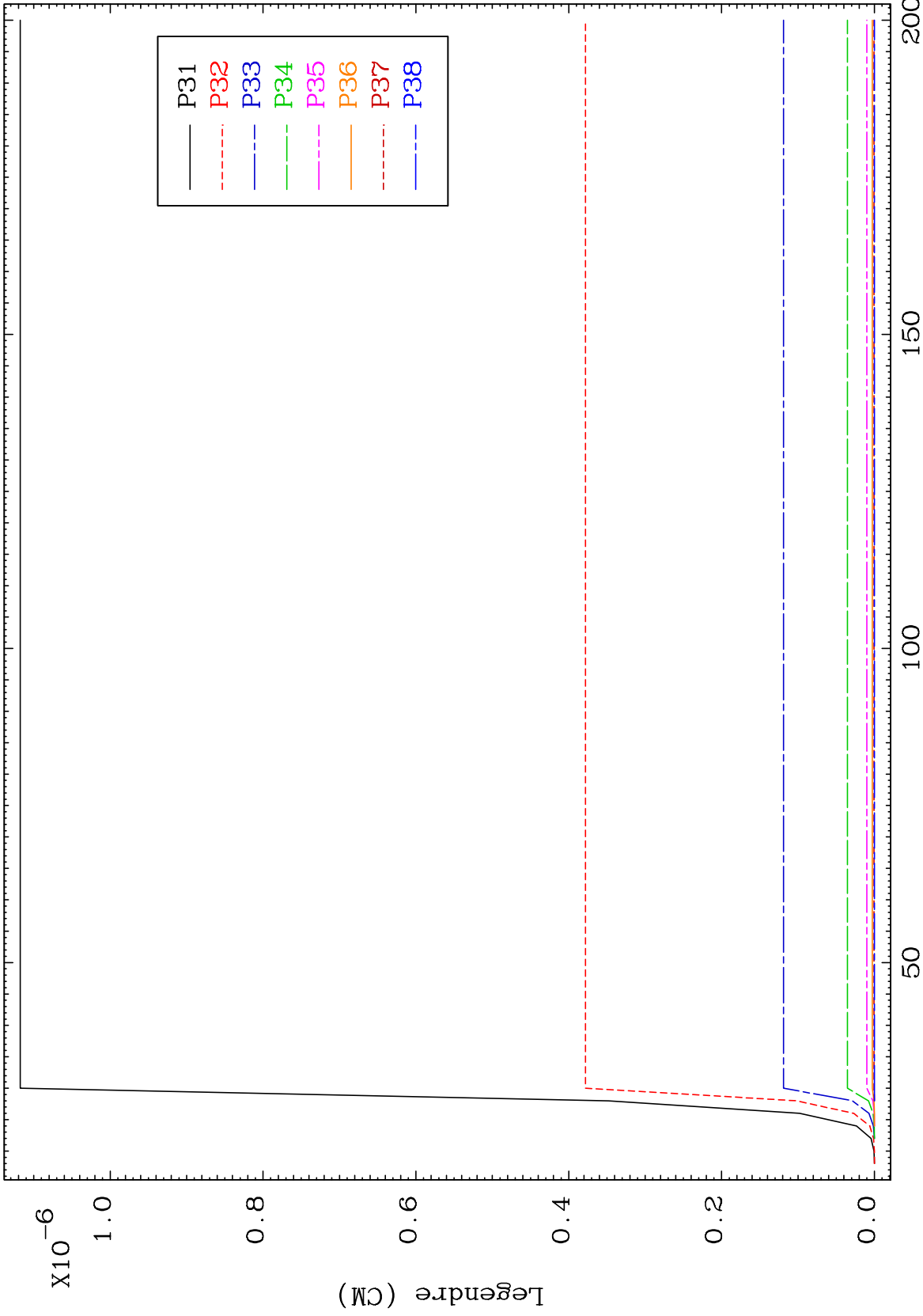
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



76

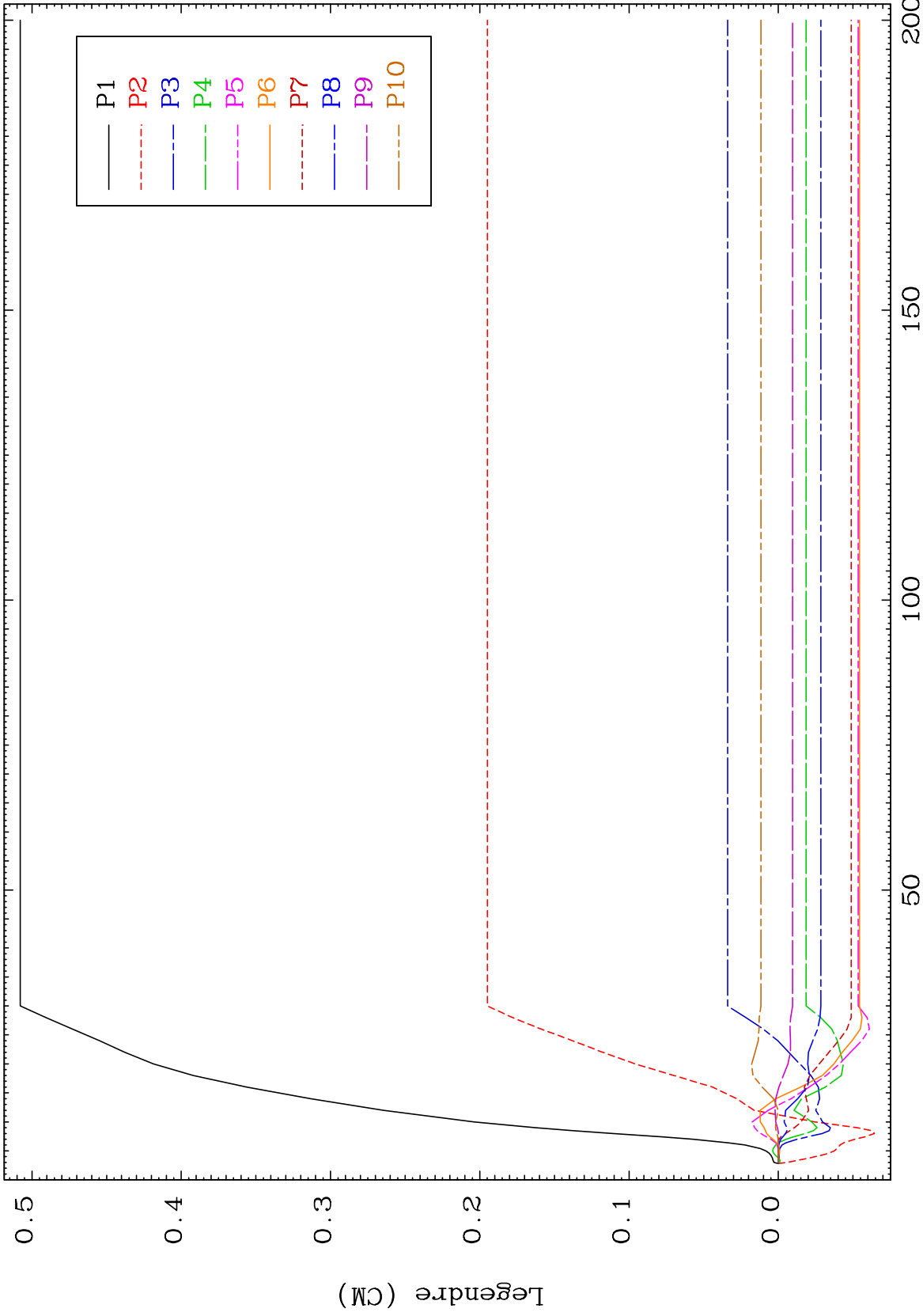
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



77

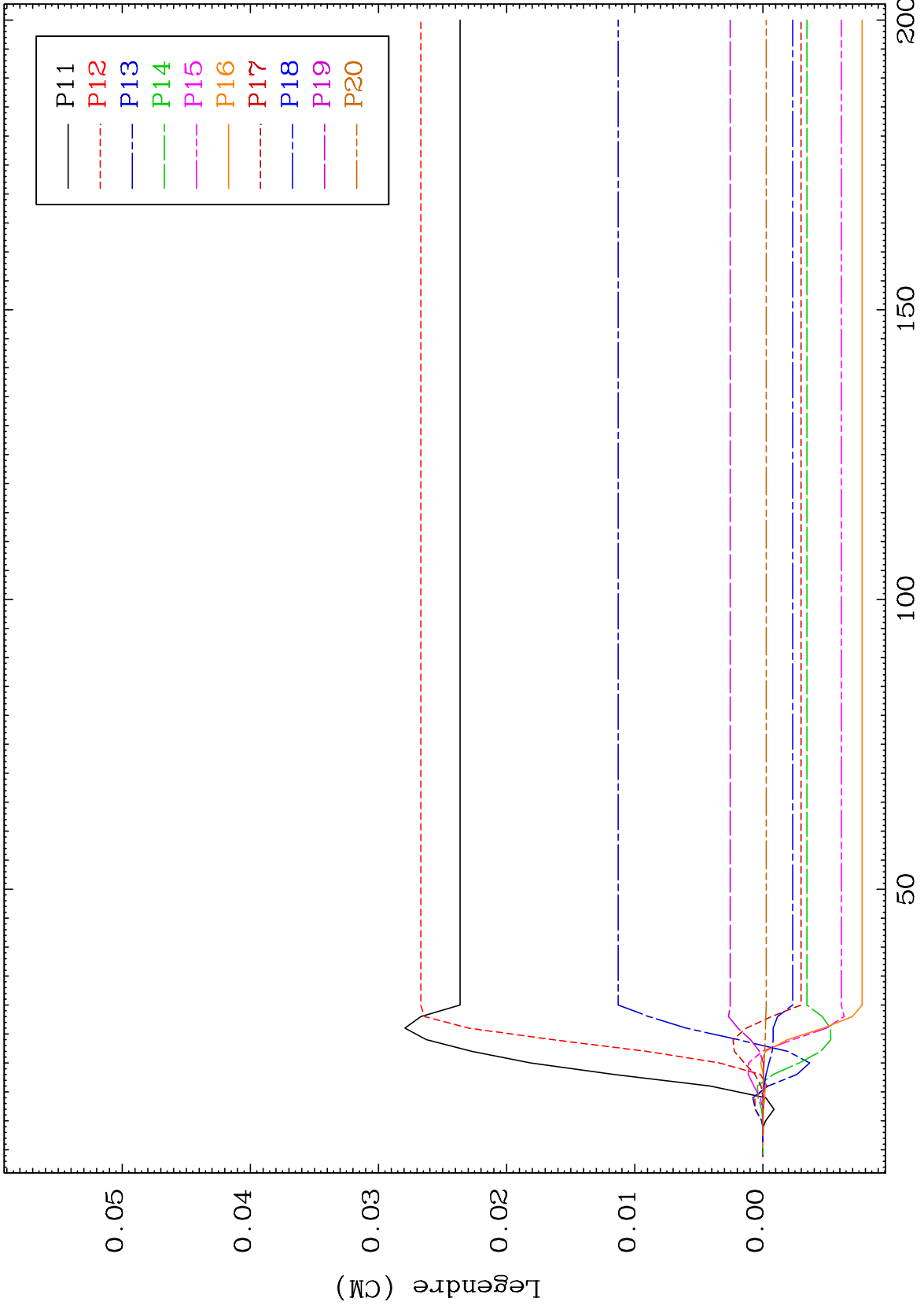
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



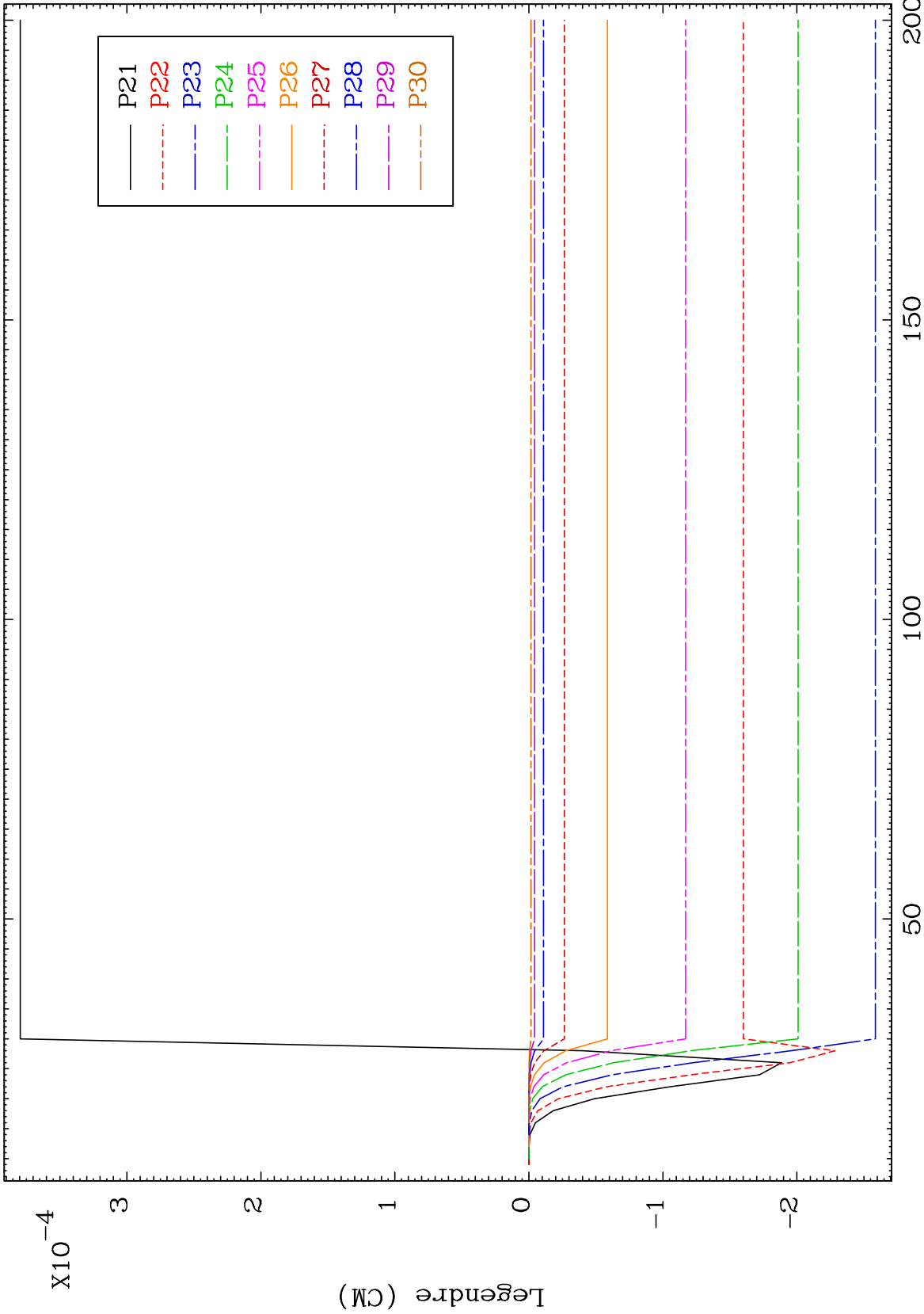
78

82-Pb-210

MAT 8243

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

82-Pb-210



79

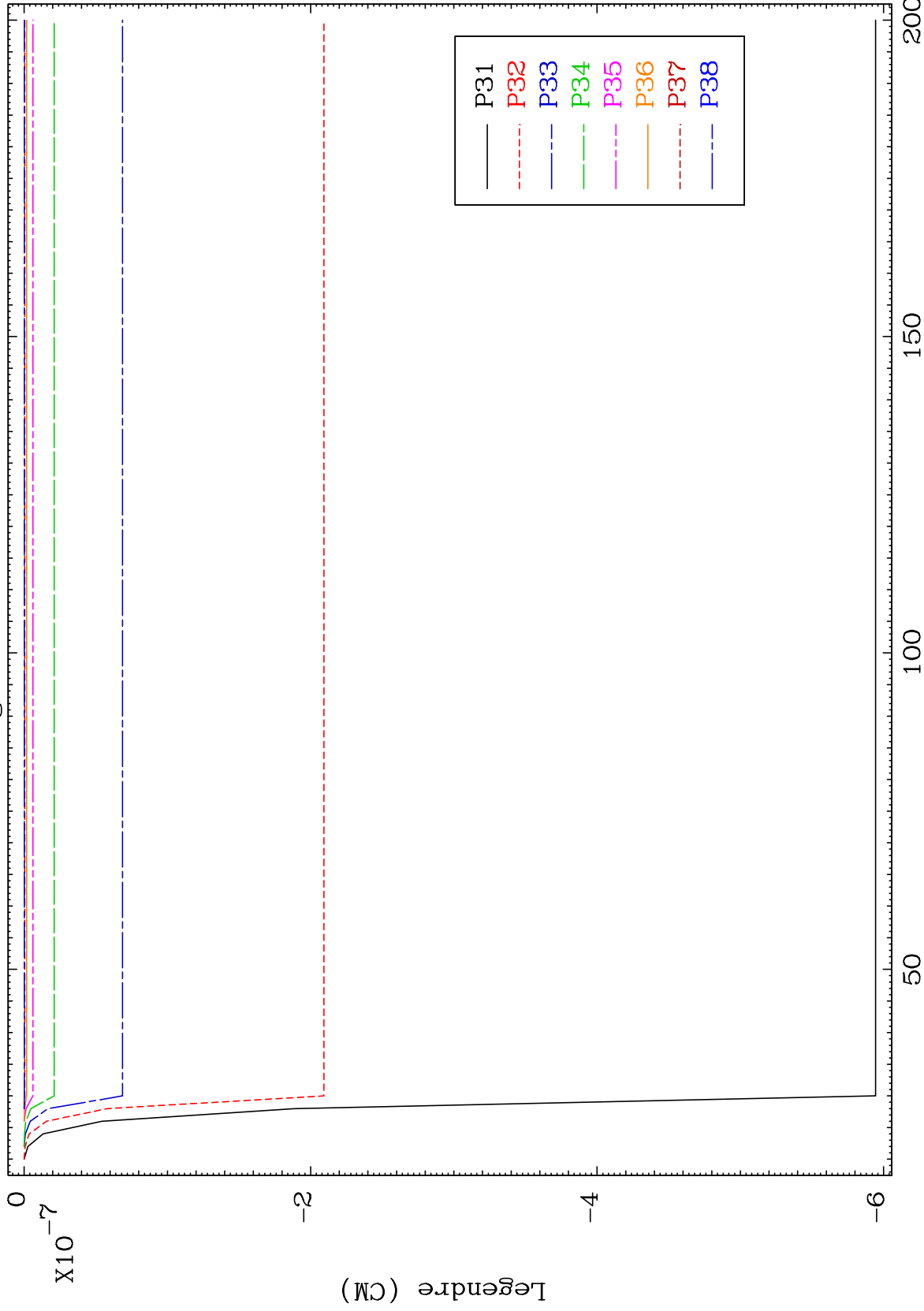
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



82-Pb-210

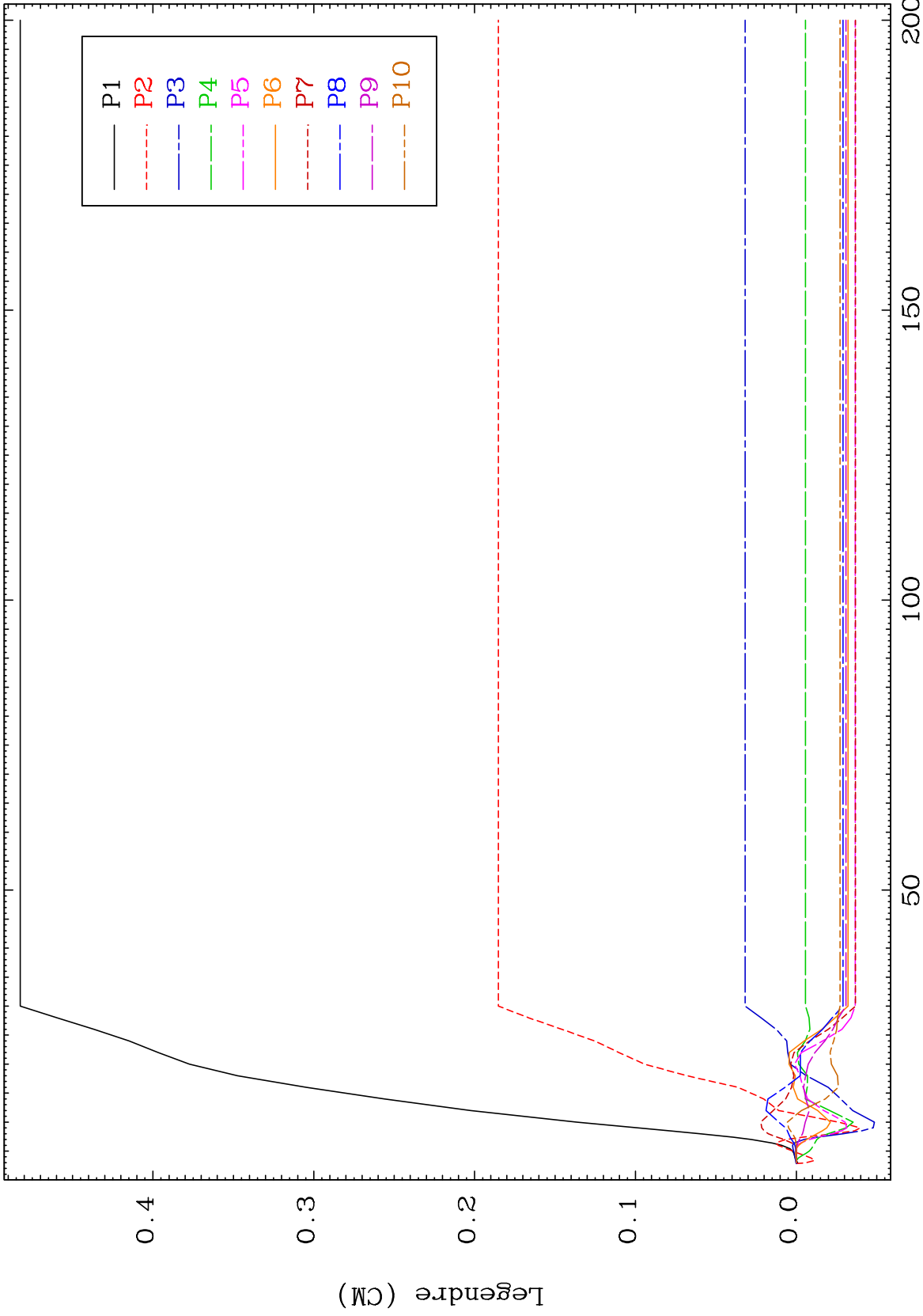
Incident Energy (MeV)

80

MAT 8243

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

82-Pb-210



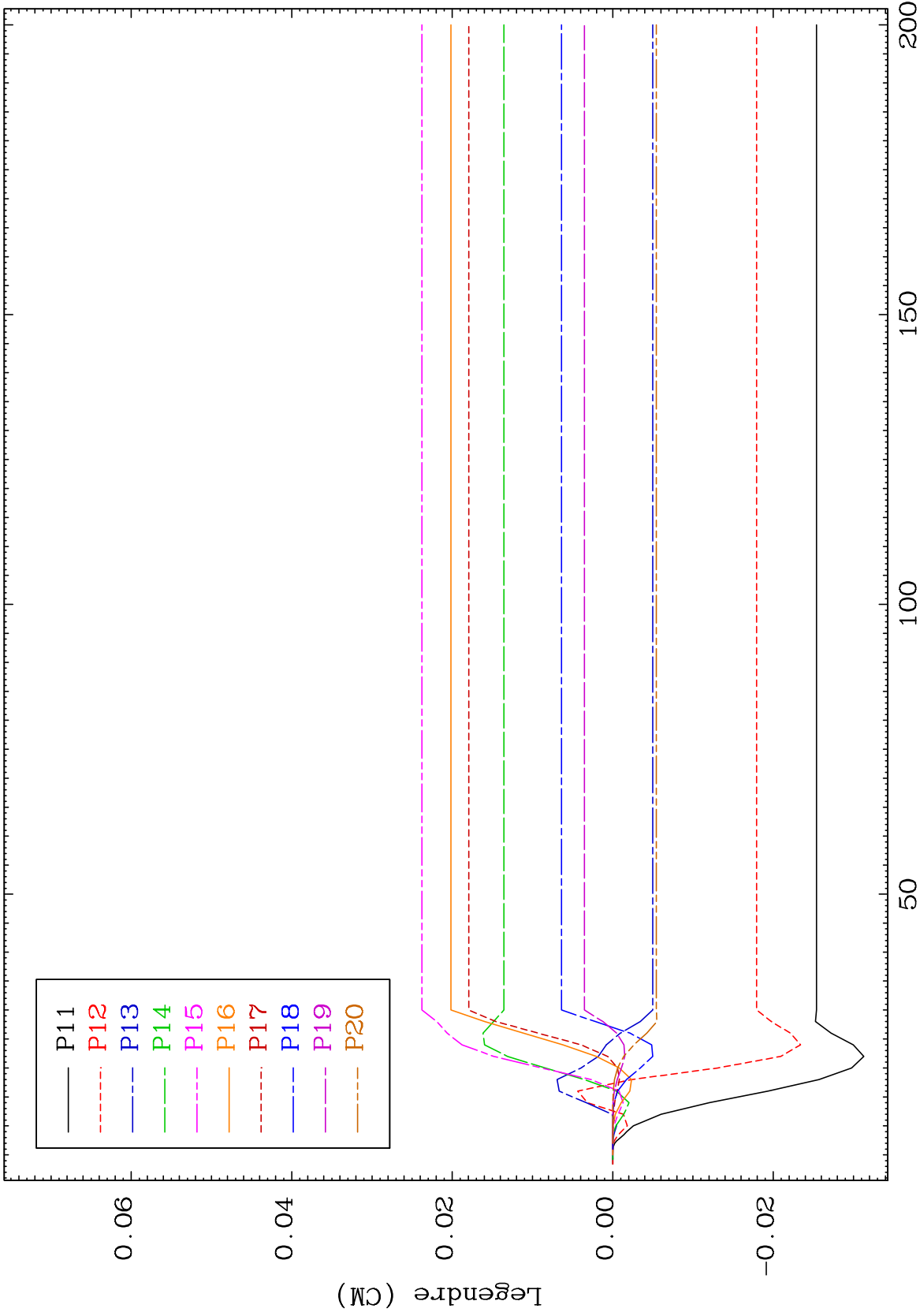
81

82-Pb-210

MAT 8243

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

82-Pb-210



82

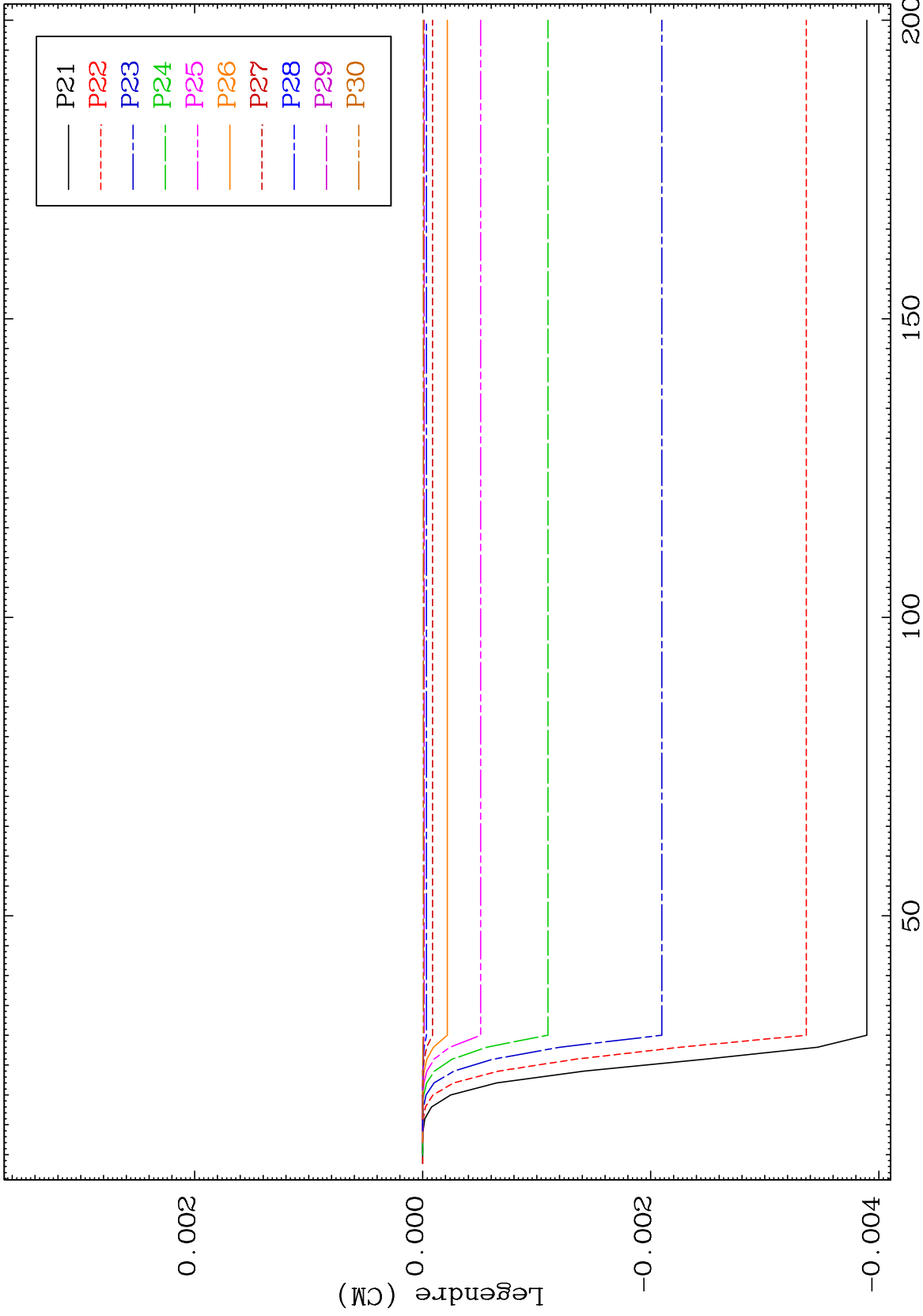
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



83

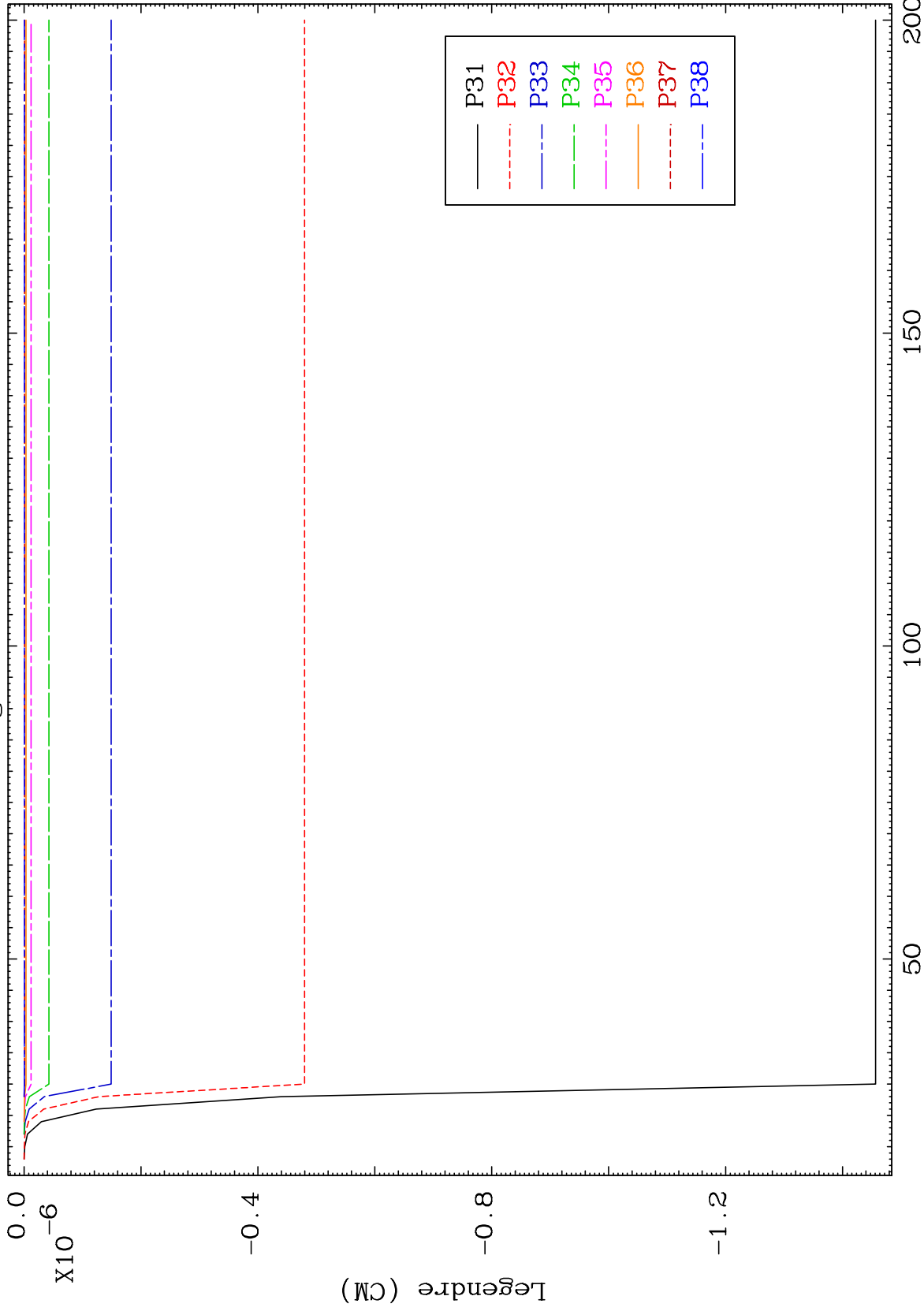
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210

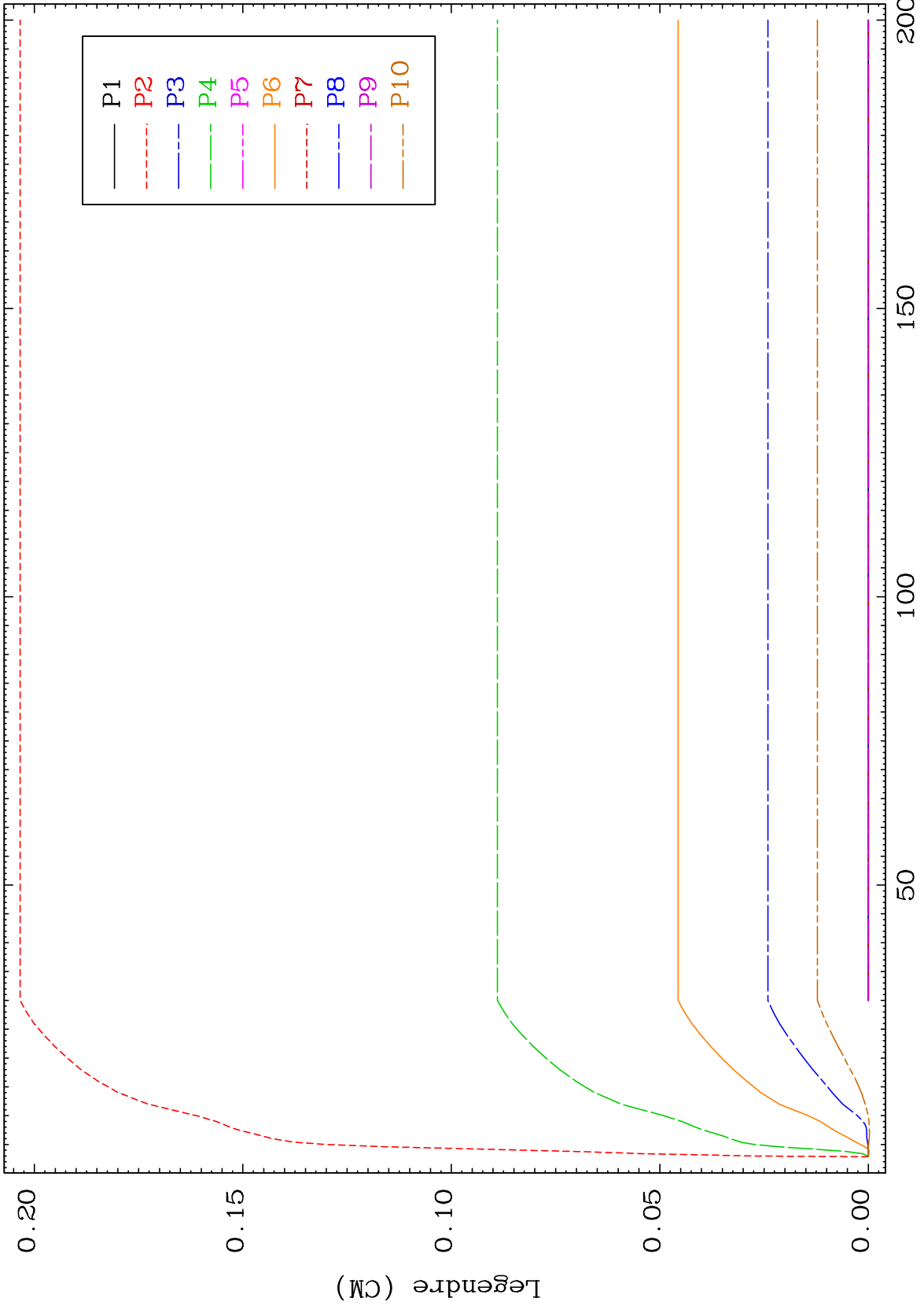


82-Pb-210

Incident Energy (MeV)

84

MAT 8243 MT= 68 (n,n') Level Legendre Coefficients 82-Pb-210

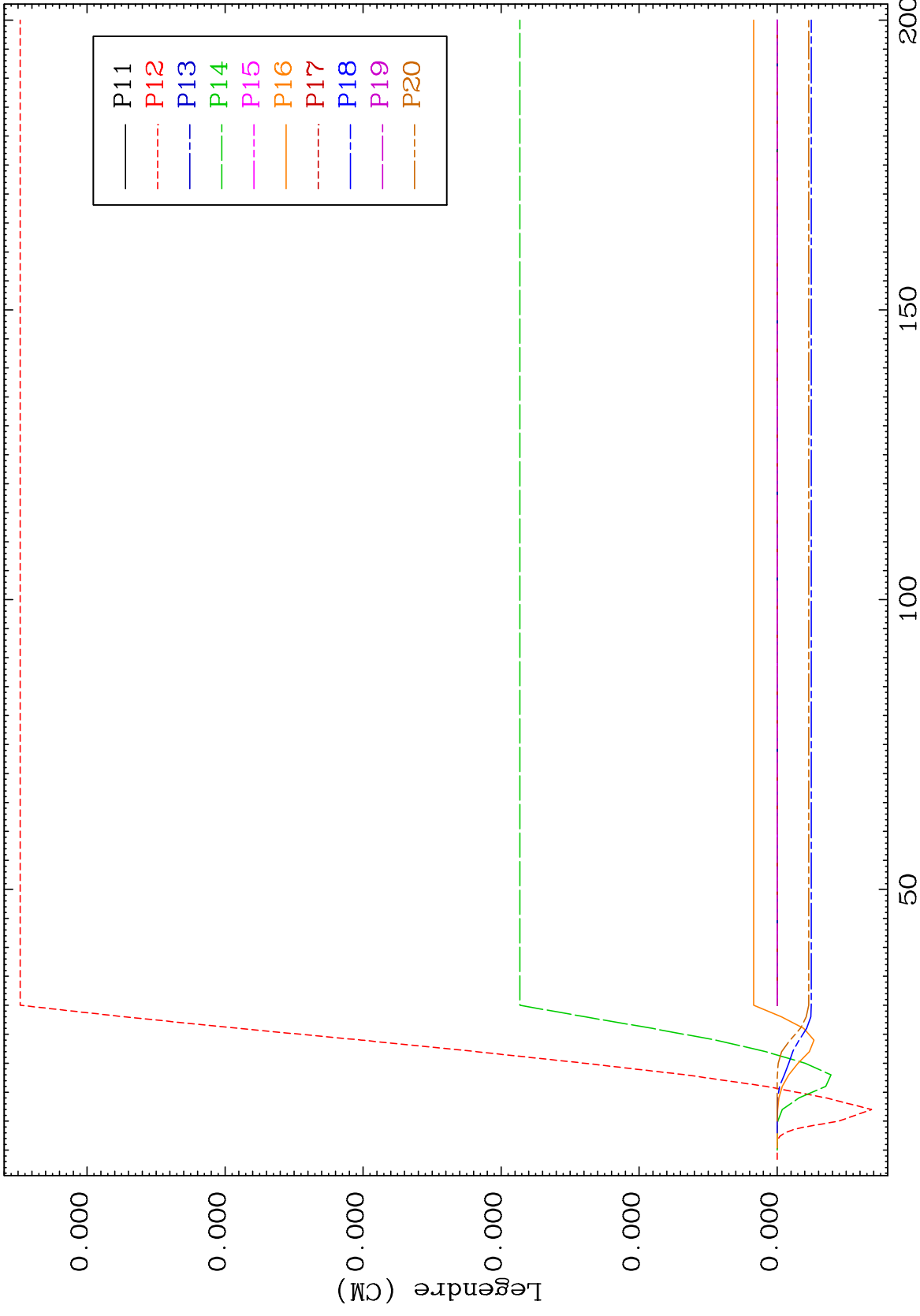


85 Incident Energy (MeV) 82-Pb-210

MAT 8243

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

82-Pb-210



86

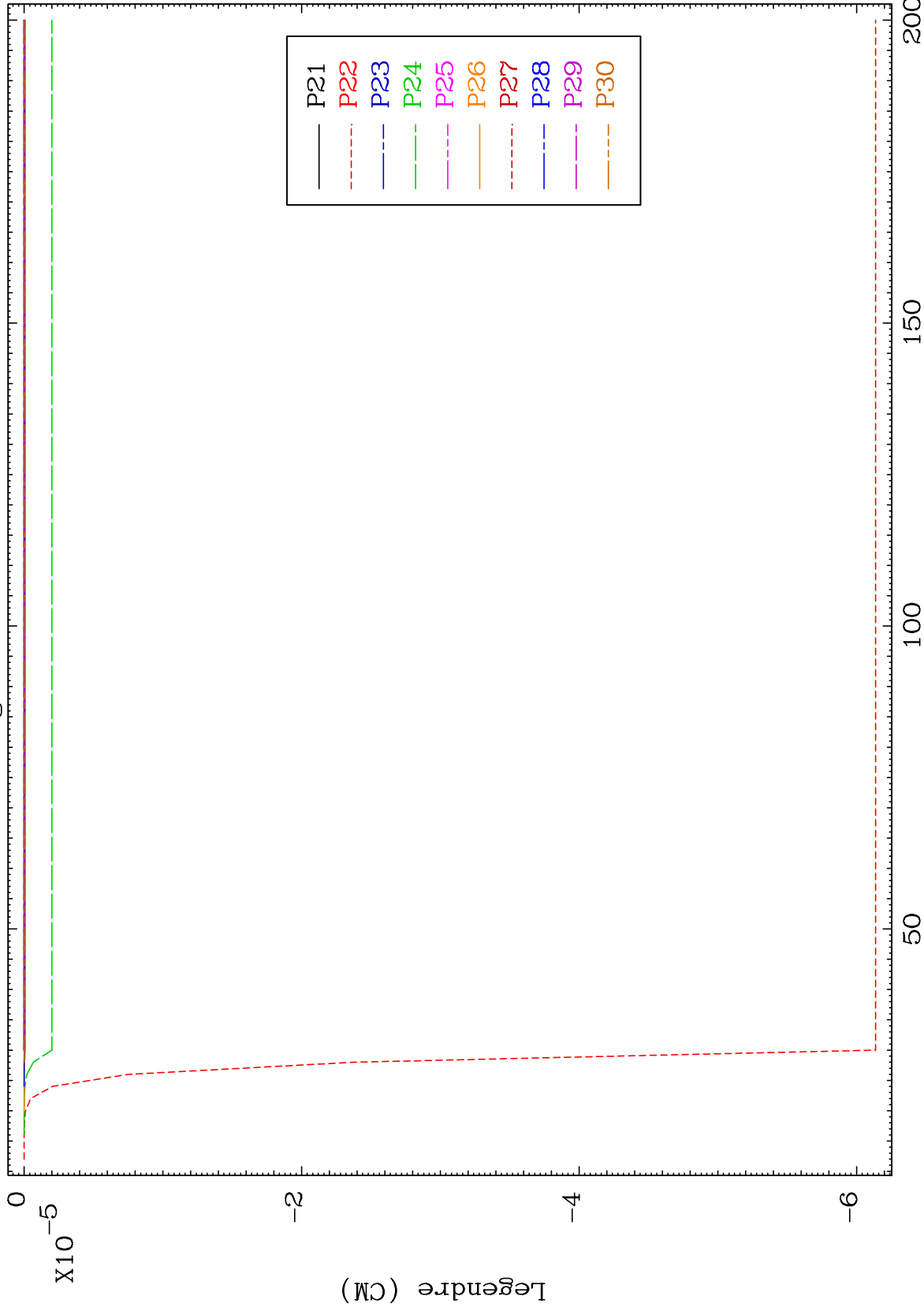
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



87

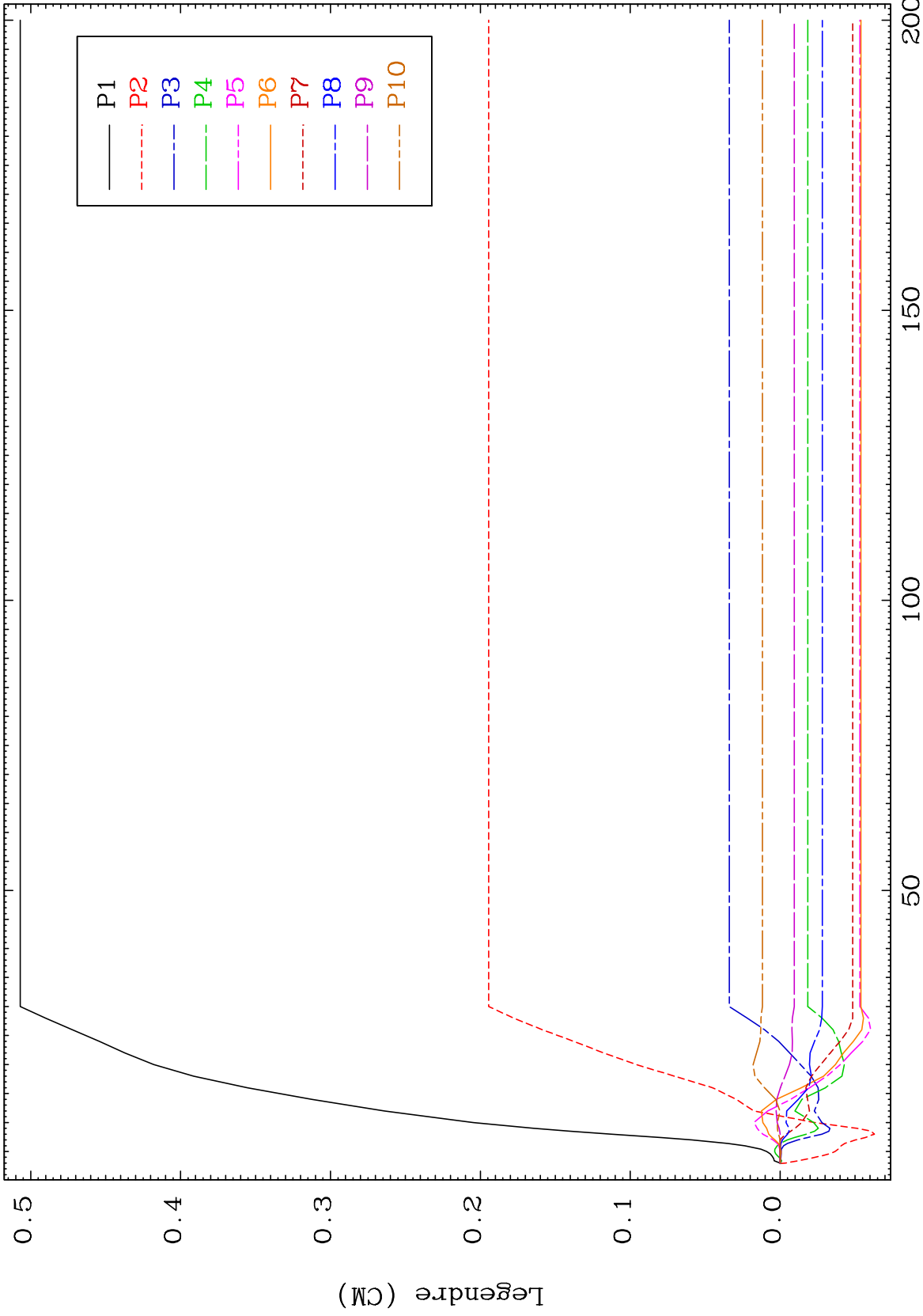
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



88

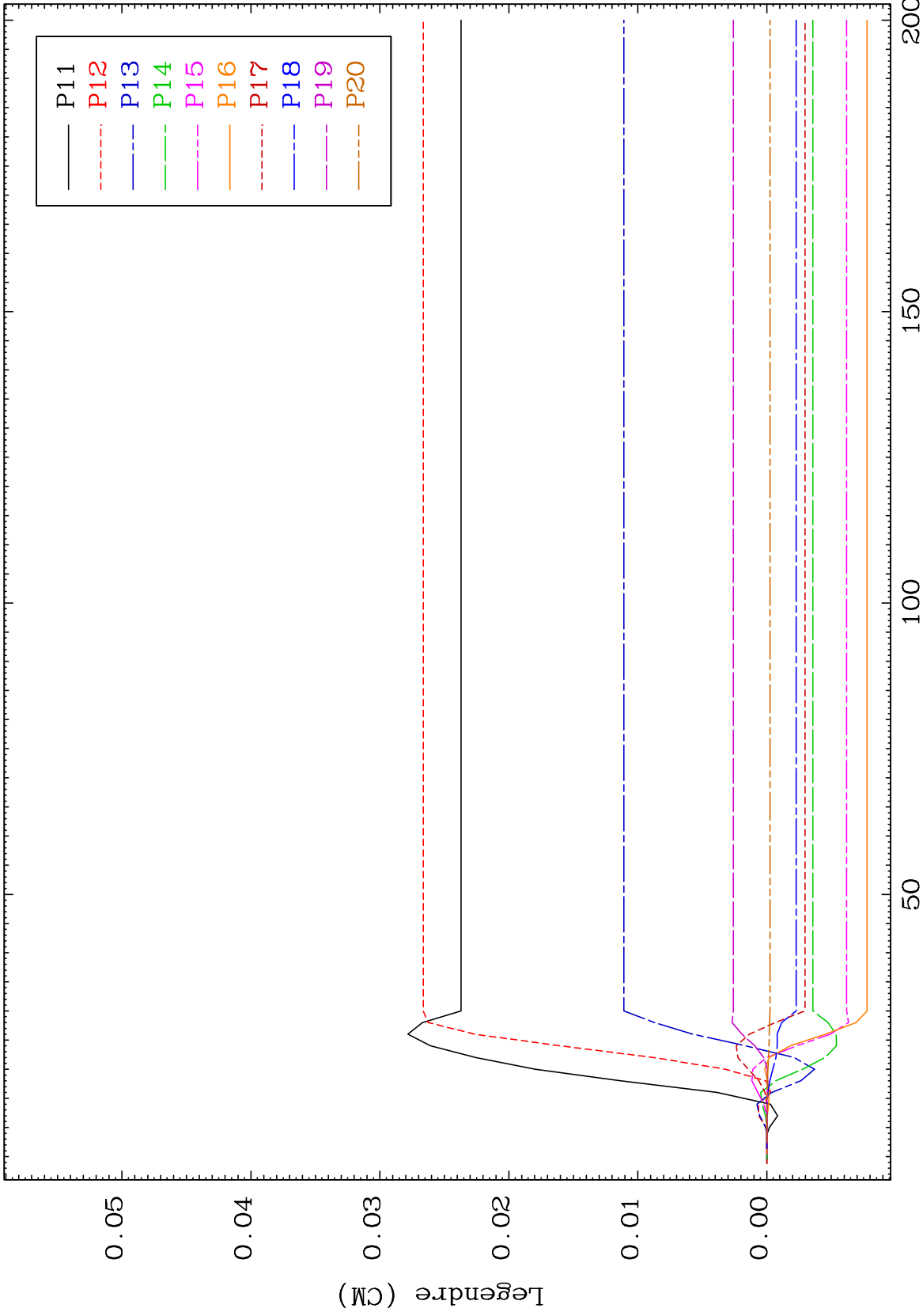
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



89

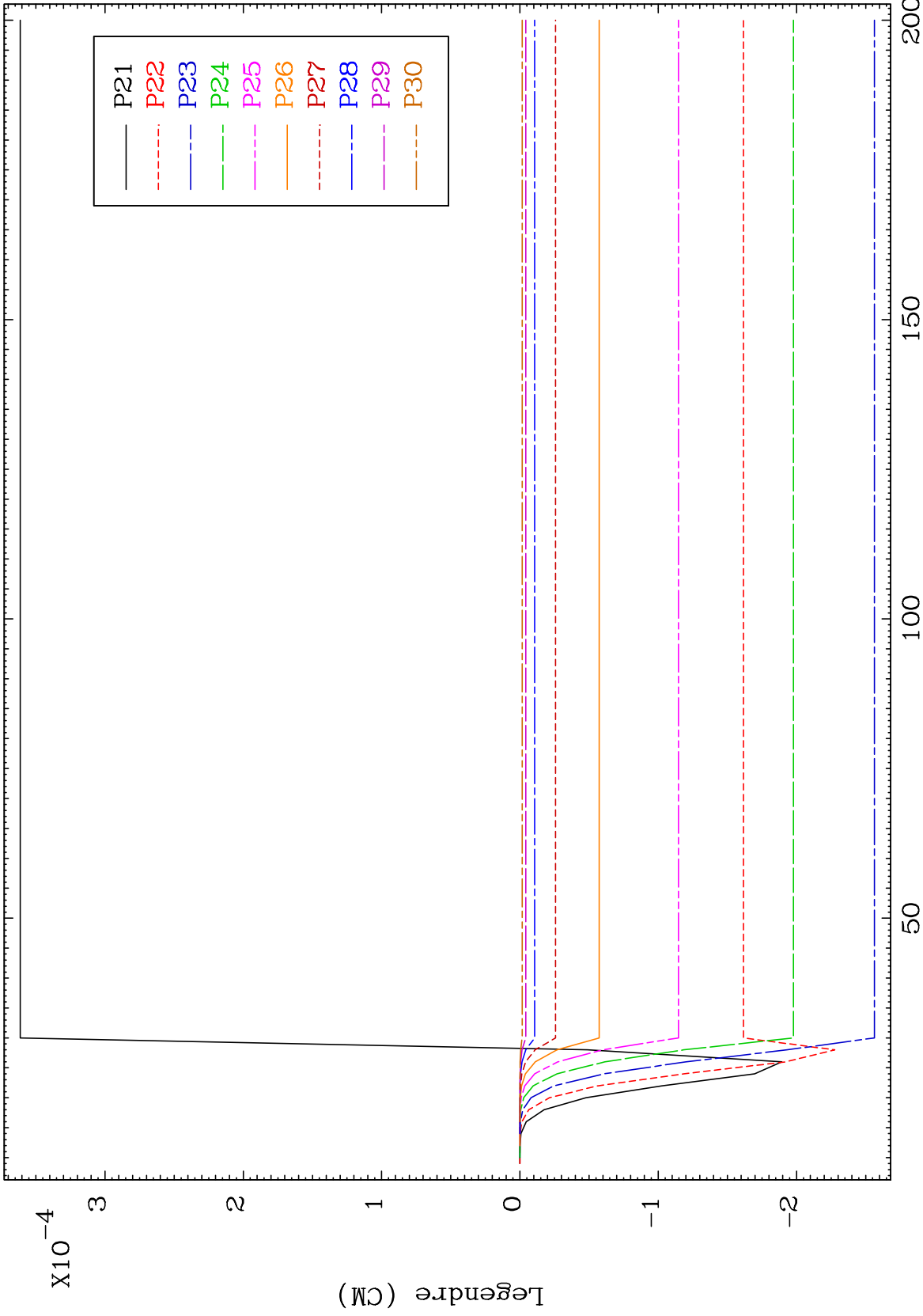
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



90

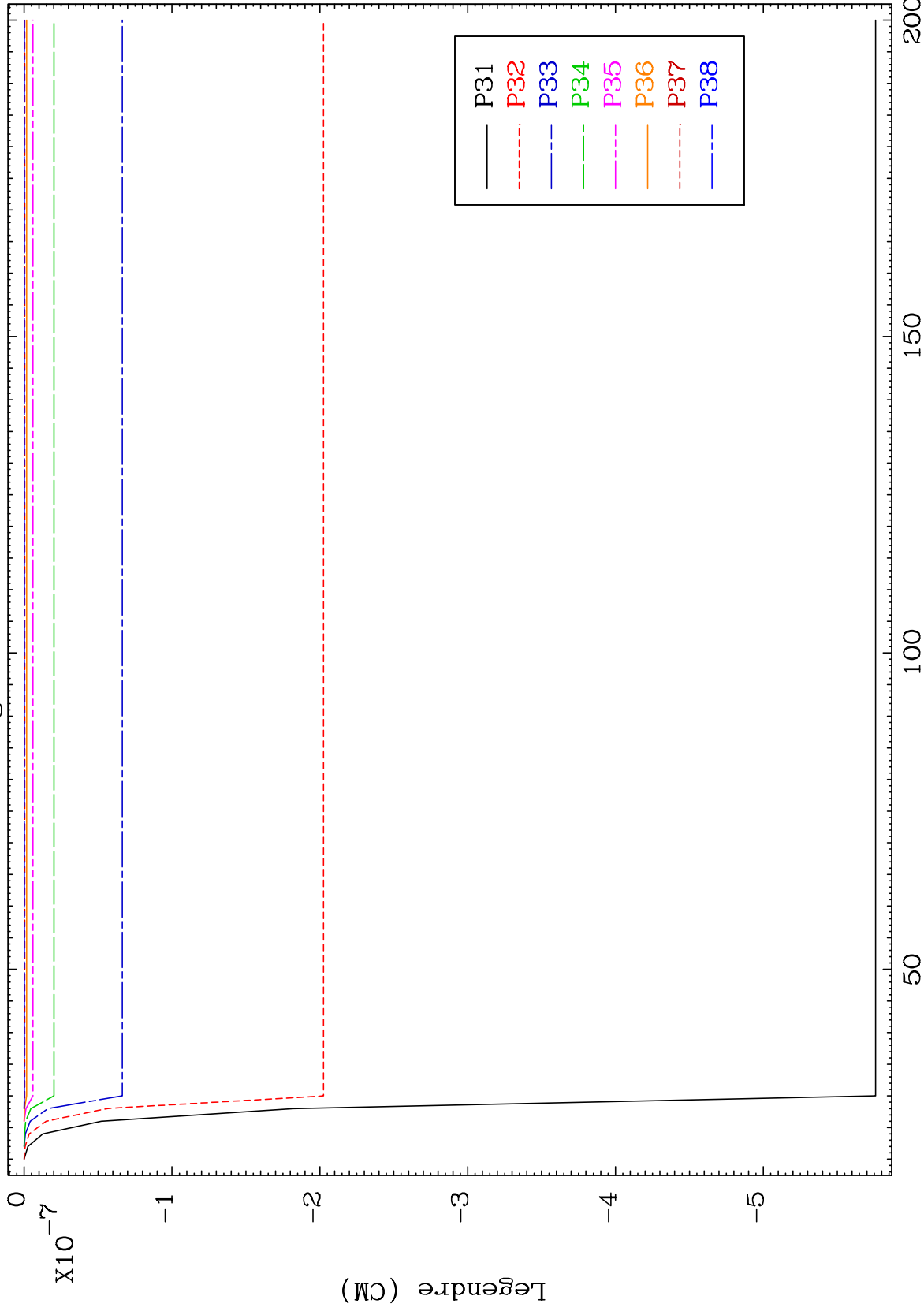
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



82-Pb-210

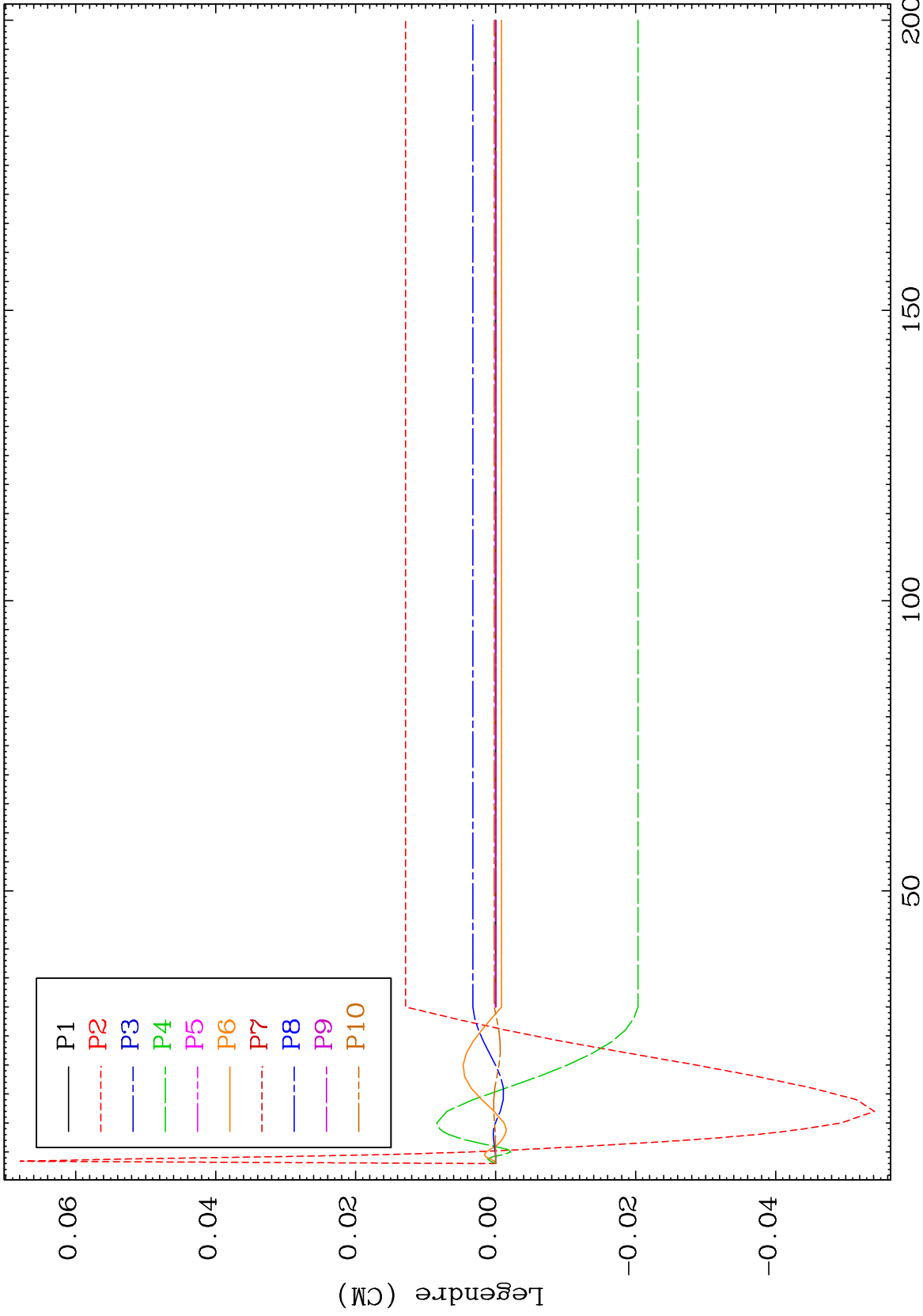
Incident Energy (MeV)

91

MAT 8243

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

82-Pb-210



92

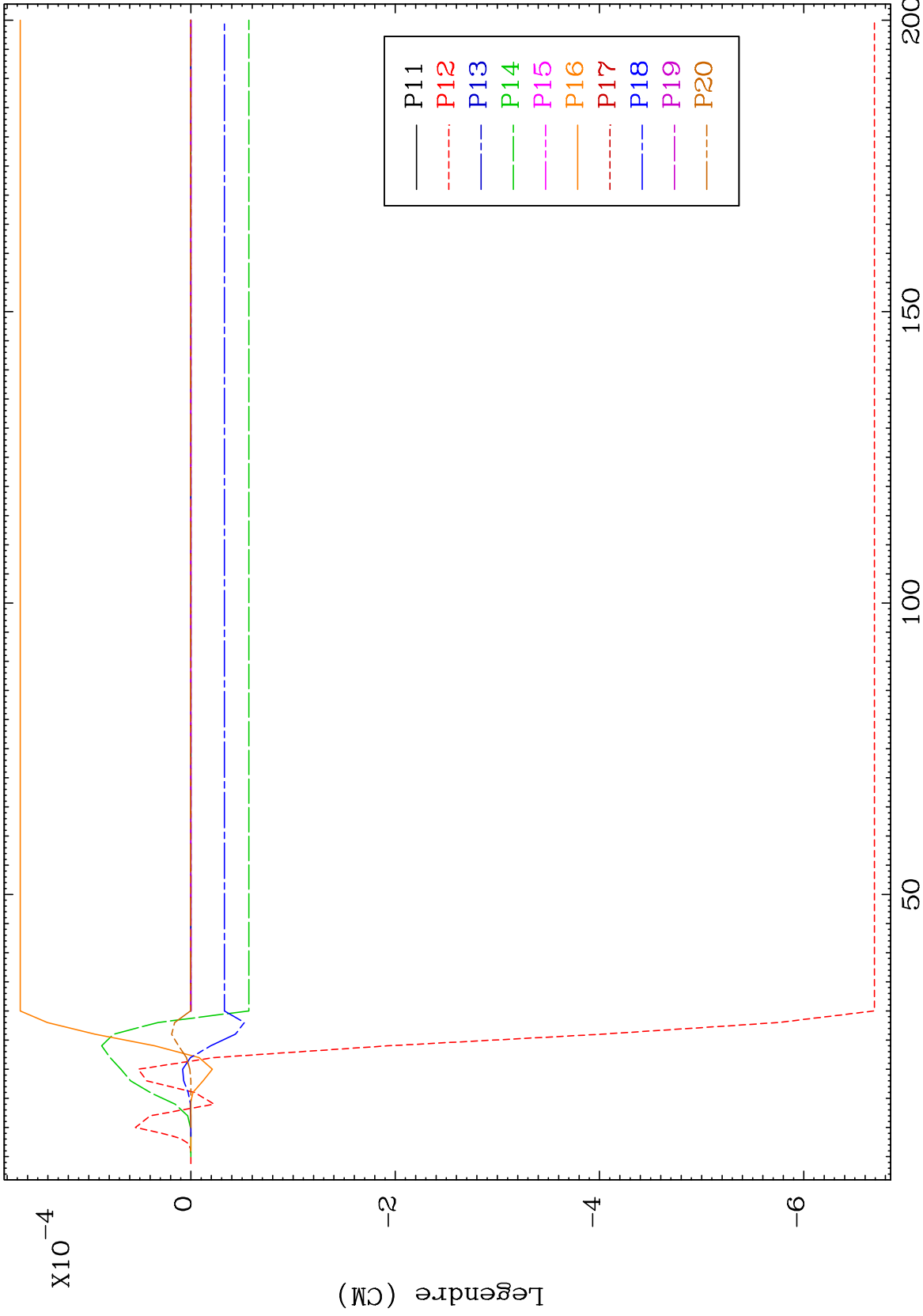
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



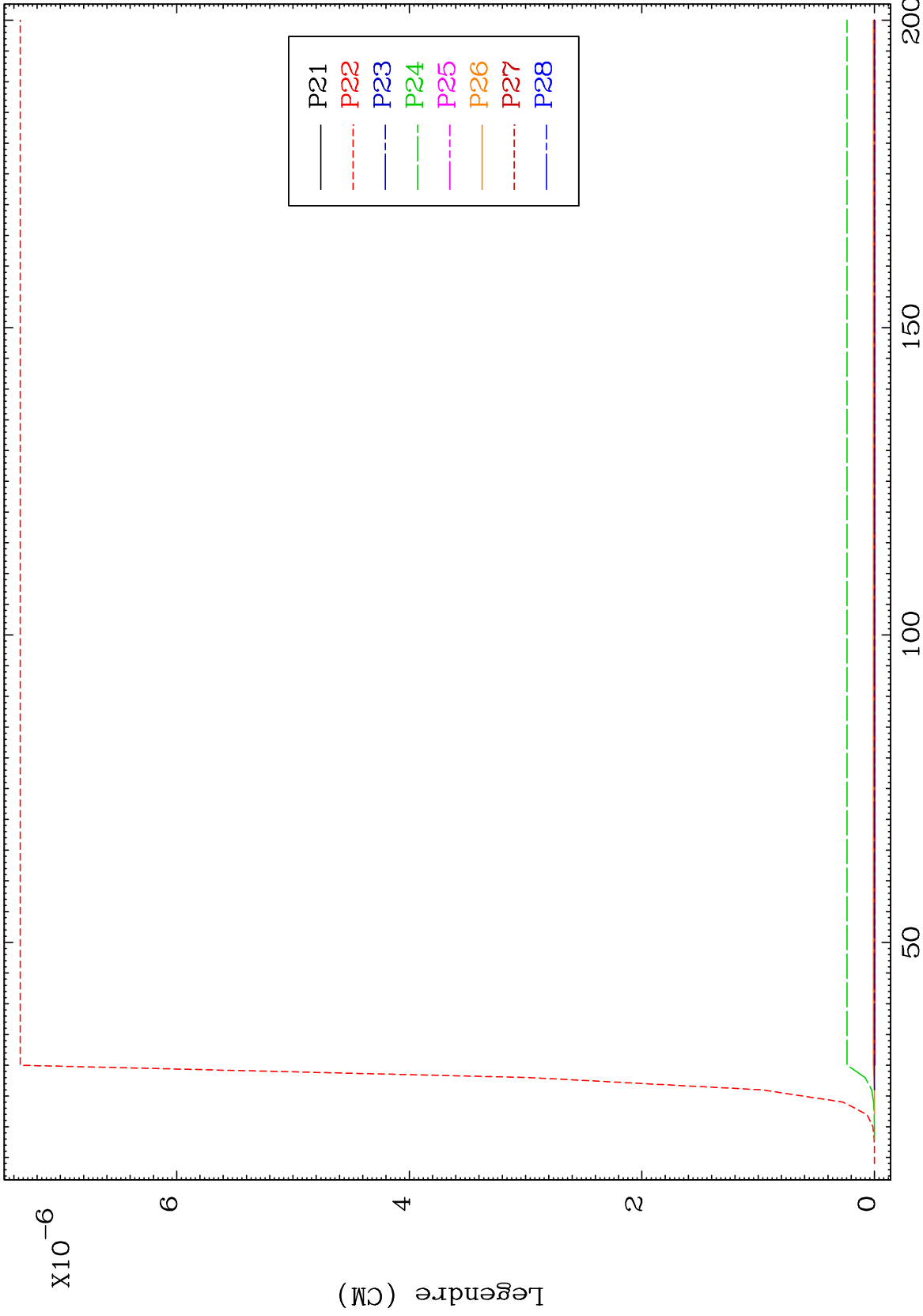
93

82-Pb-210

MAT 8243

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

82-Pb-210



94

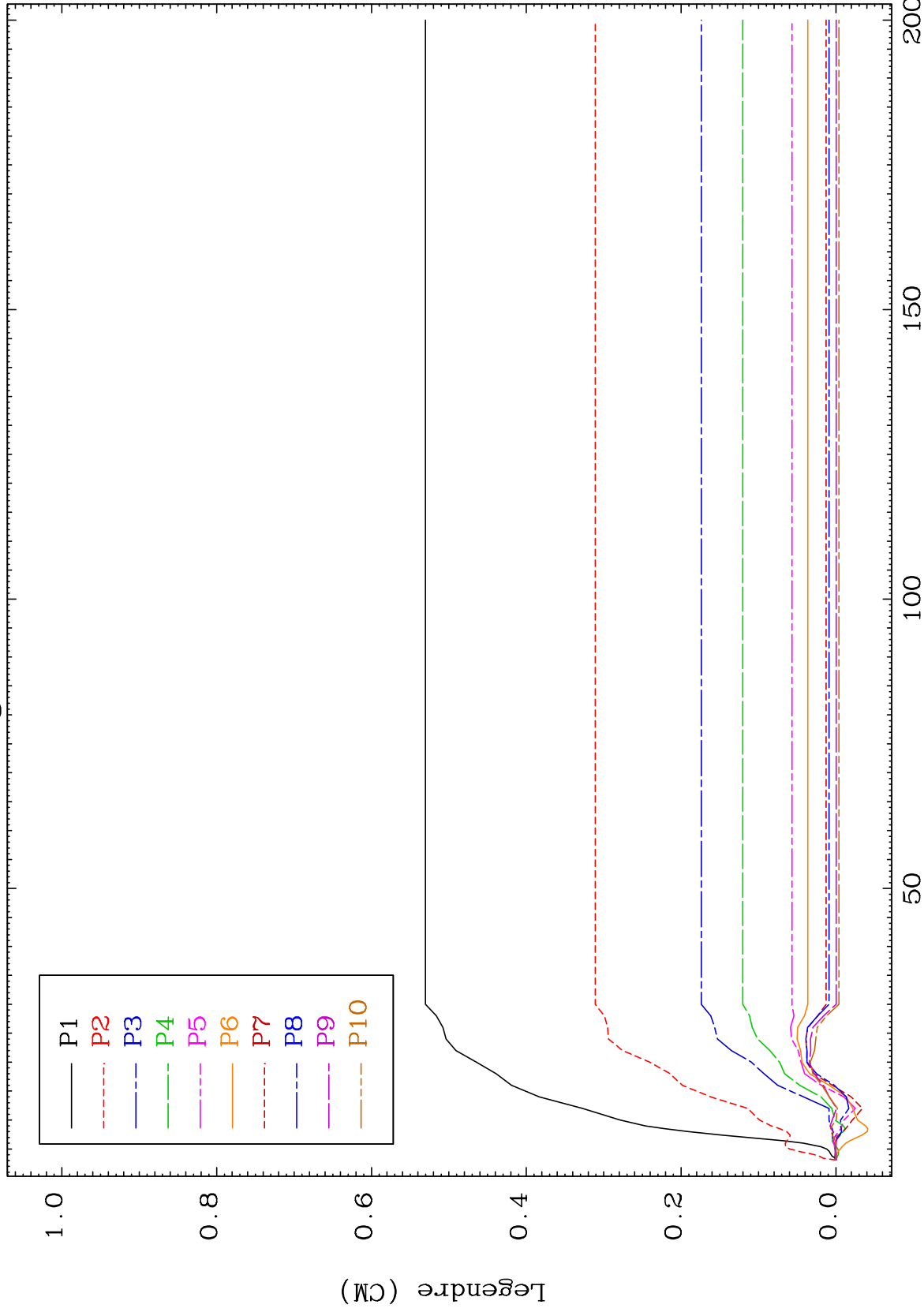
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

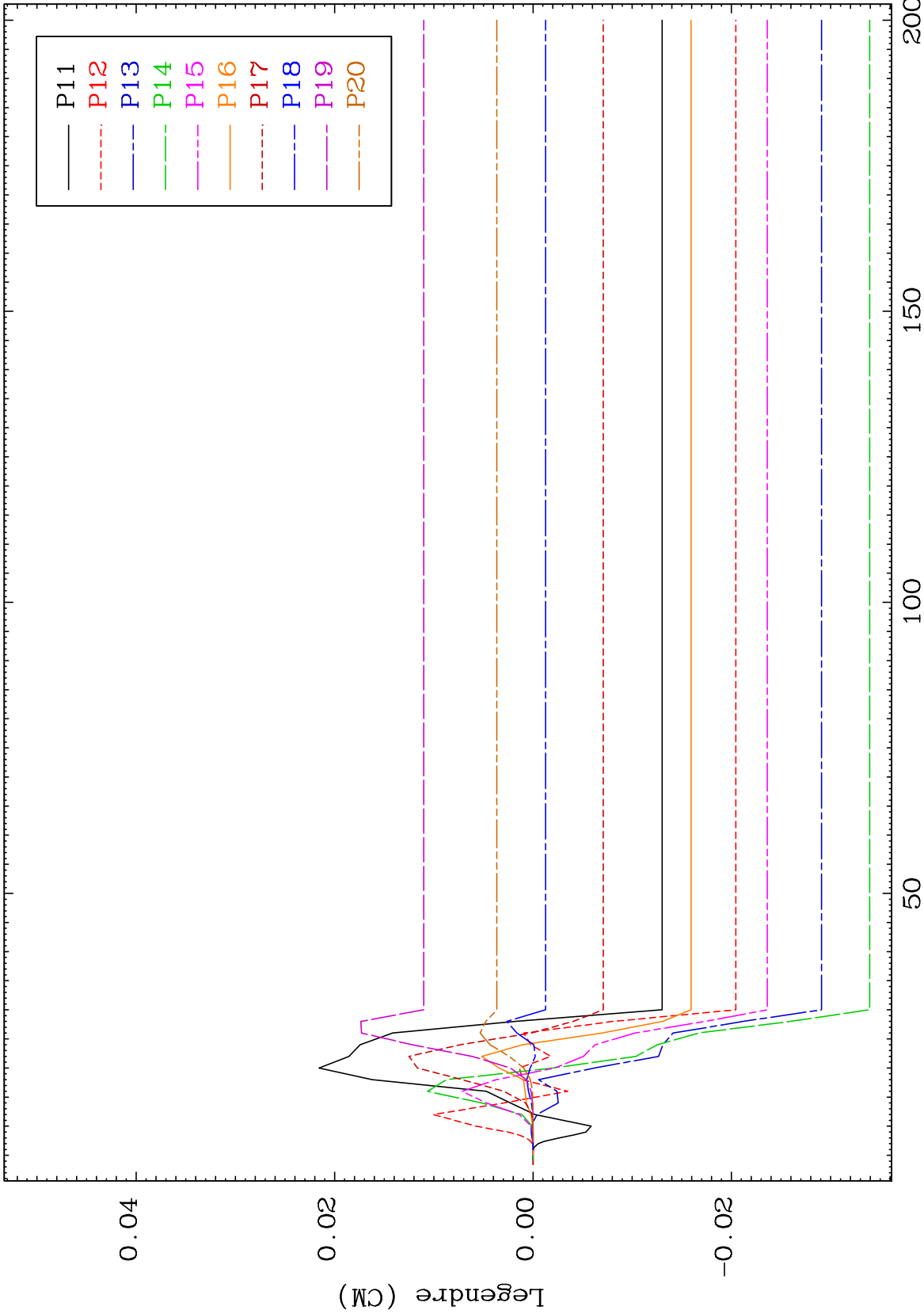
82-Pb-210



MAT 8243

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

82-Pb-210



96

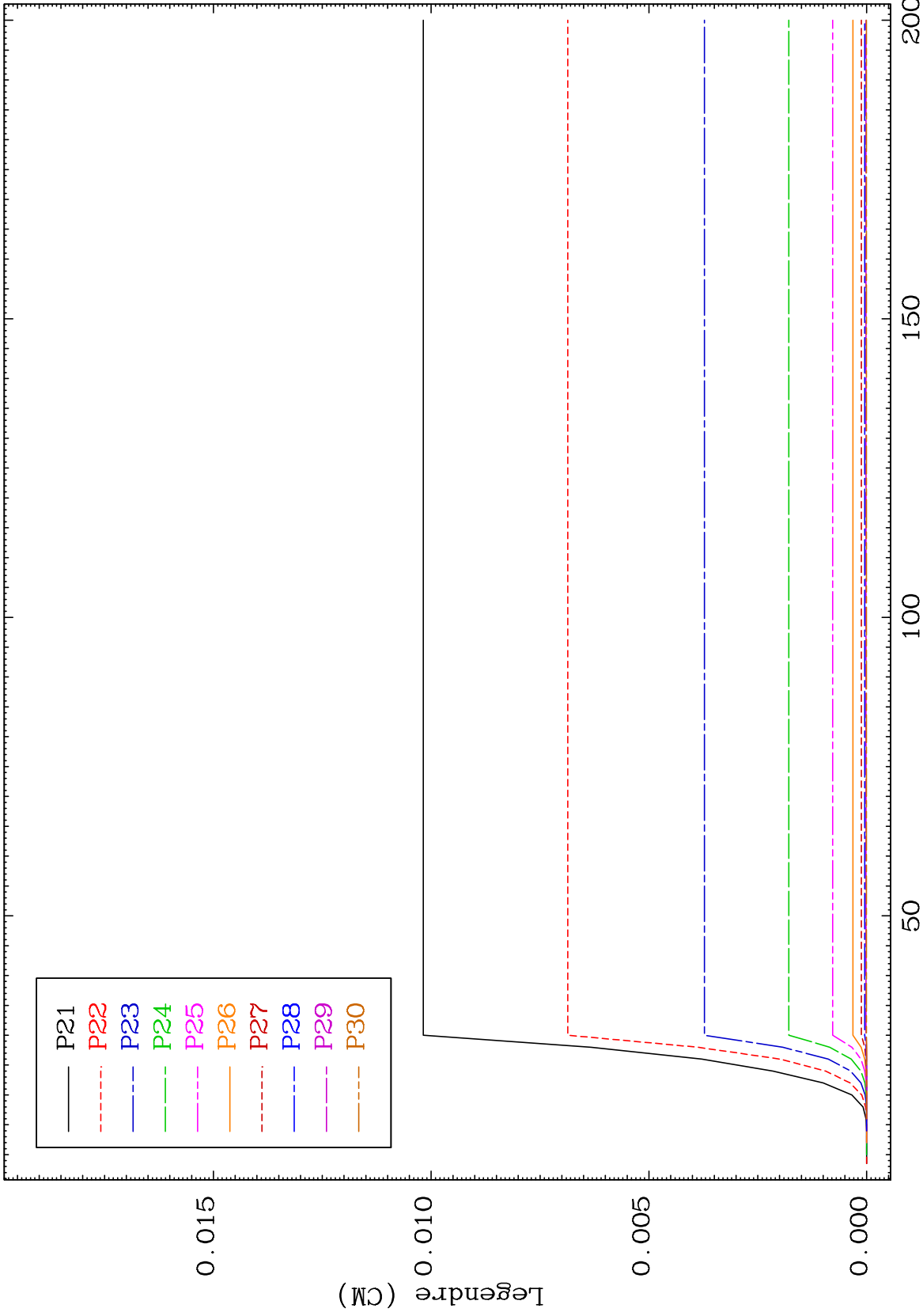
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



97

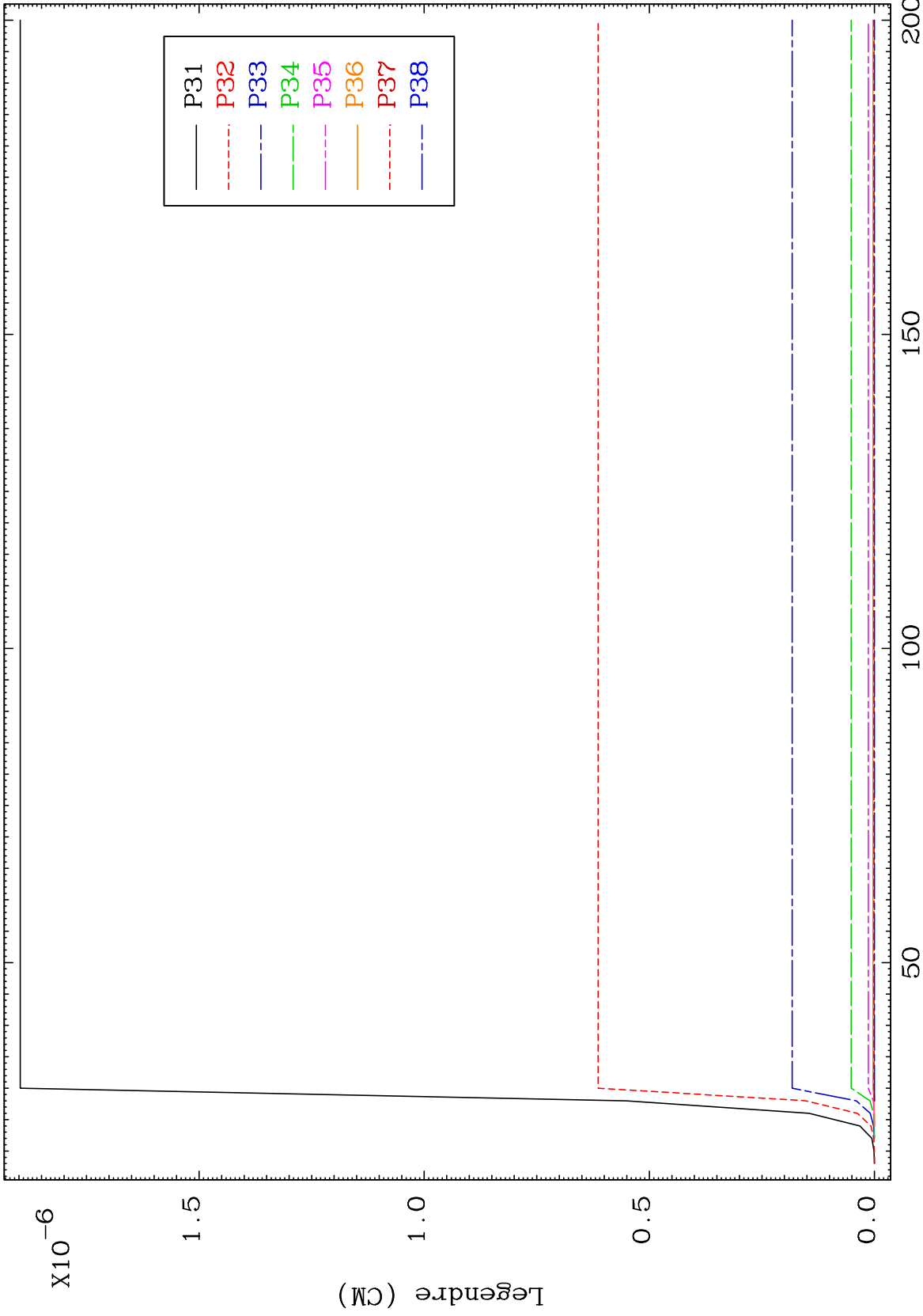
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



98

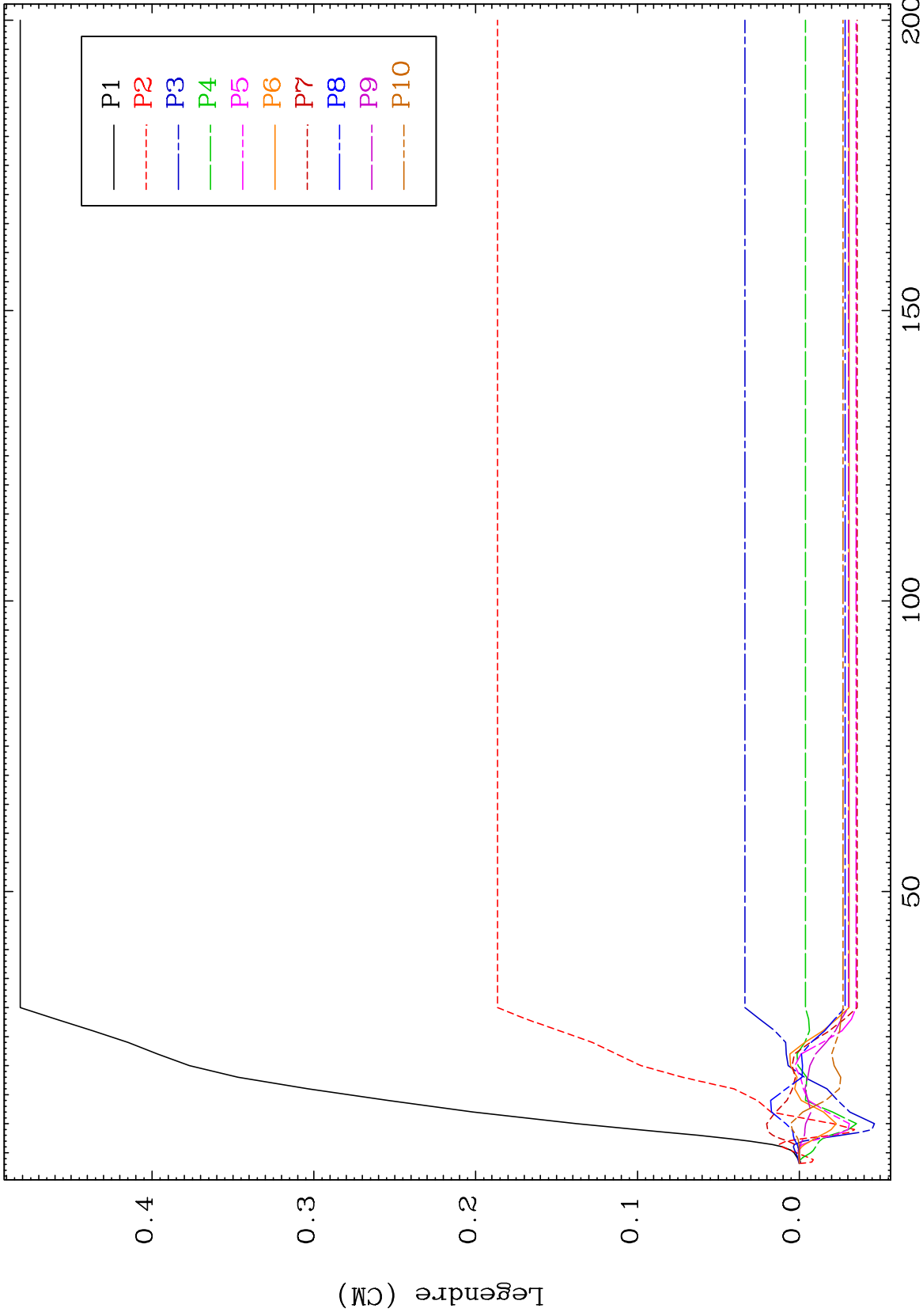
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



99

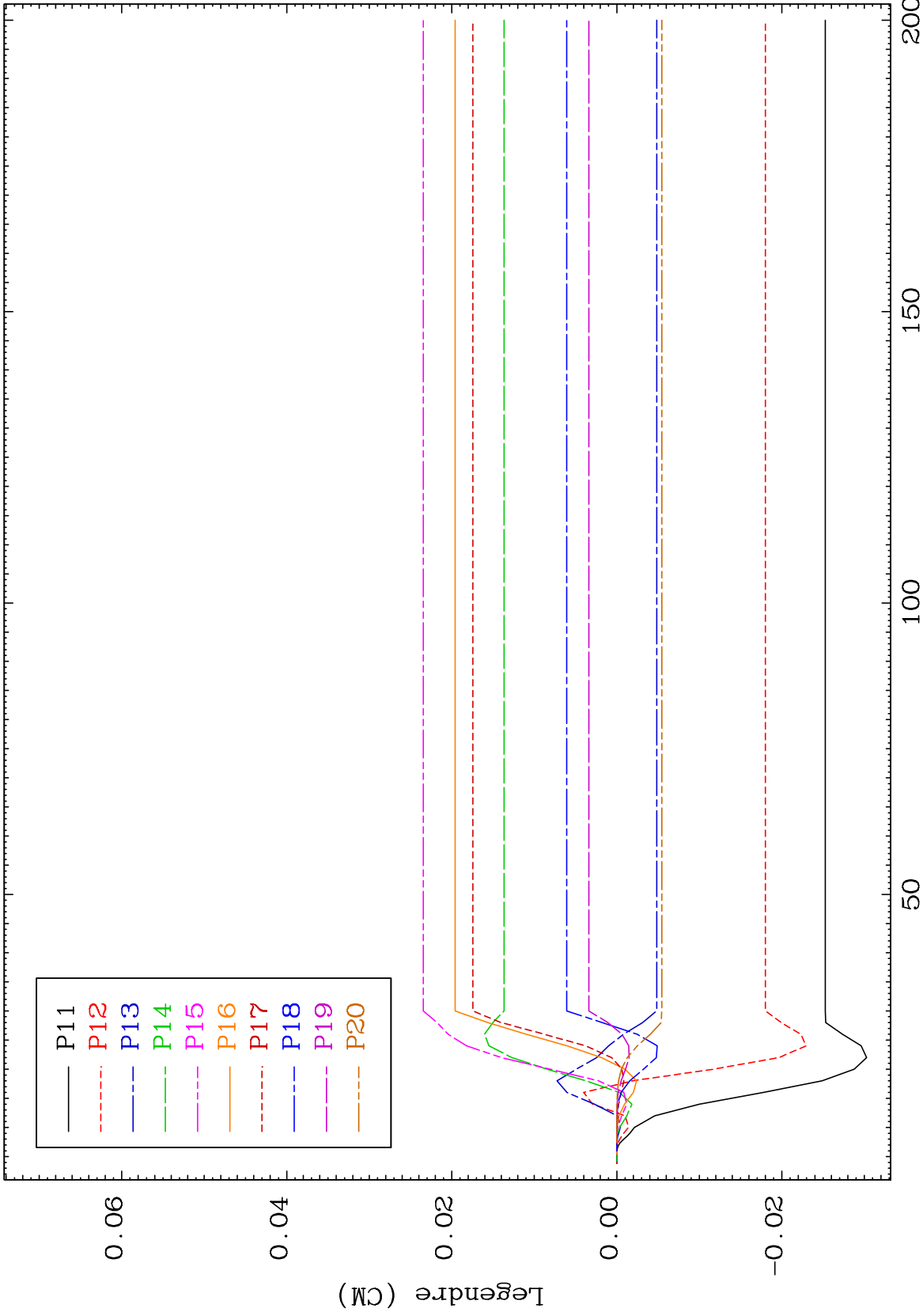
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



82-Pb-210

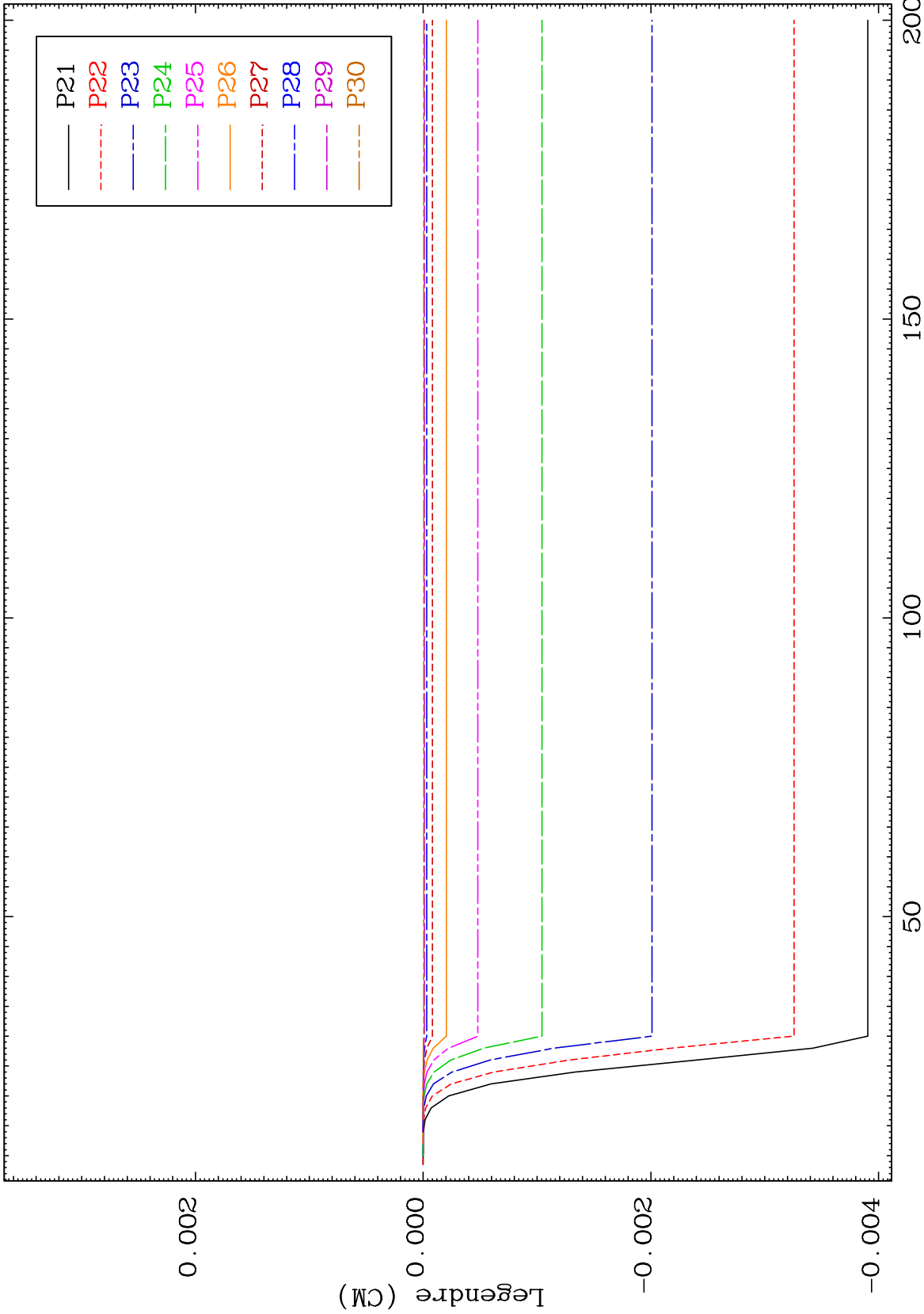
Incident Energy (MeV)

Legendre (CM)

MAT 8243

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

82-Pb-210



101

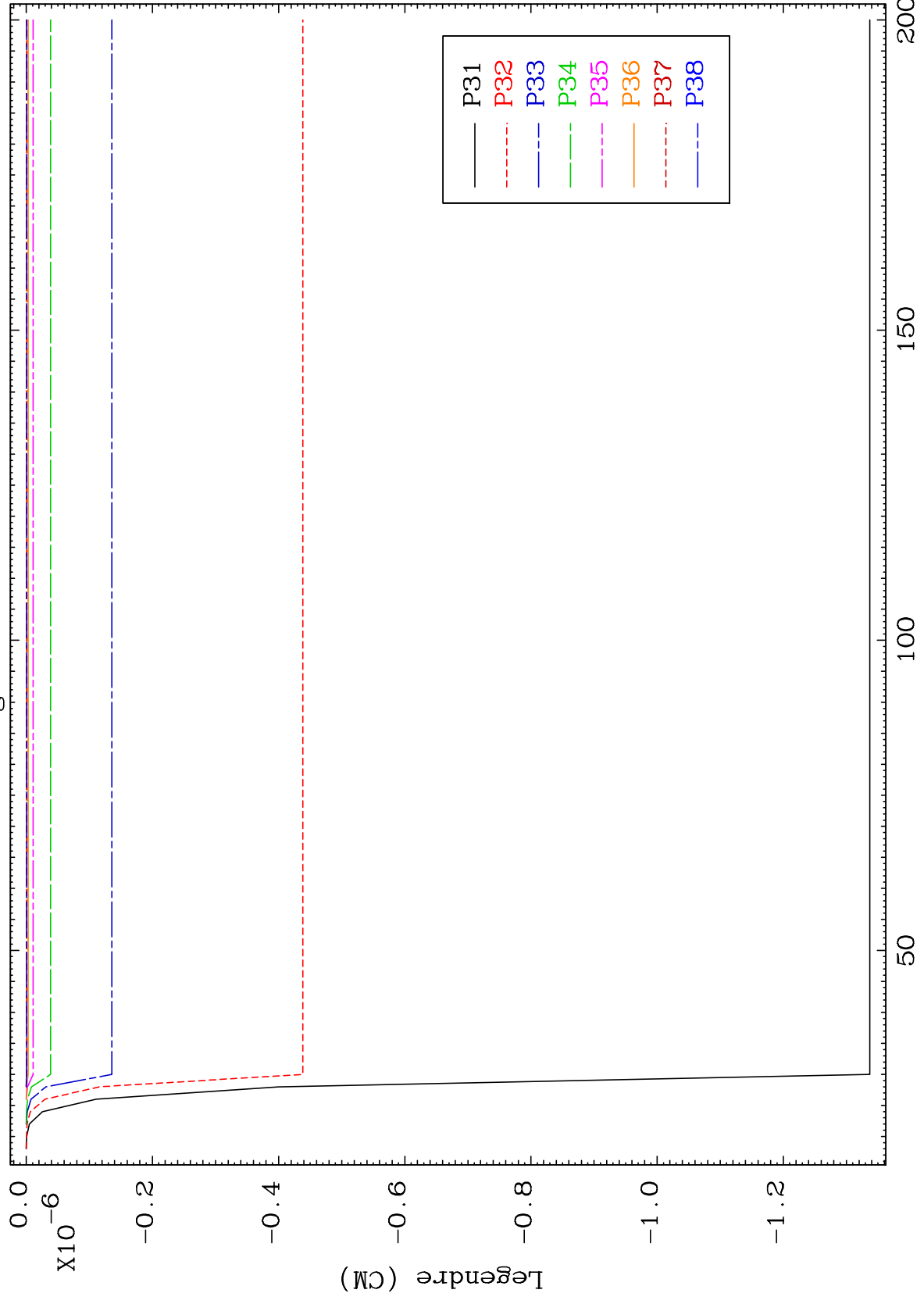
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



82-Pb-210

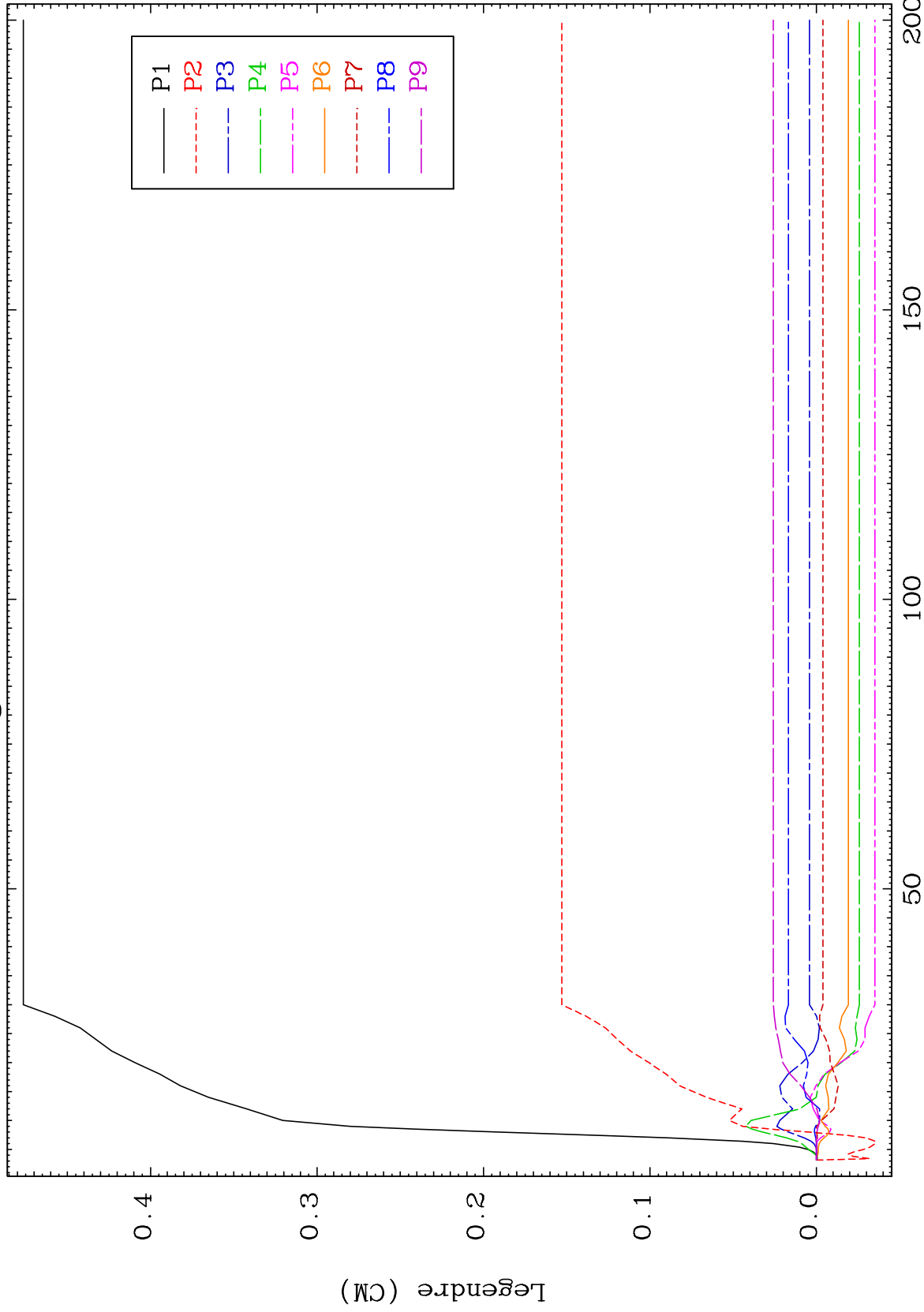
Incident Energy (MeV)

102

MAT 8243

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

82-Pb-210



103

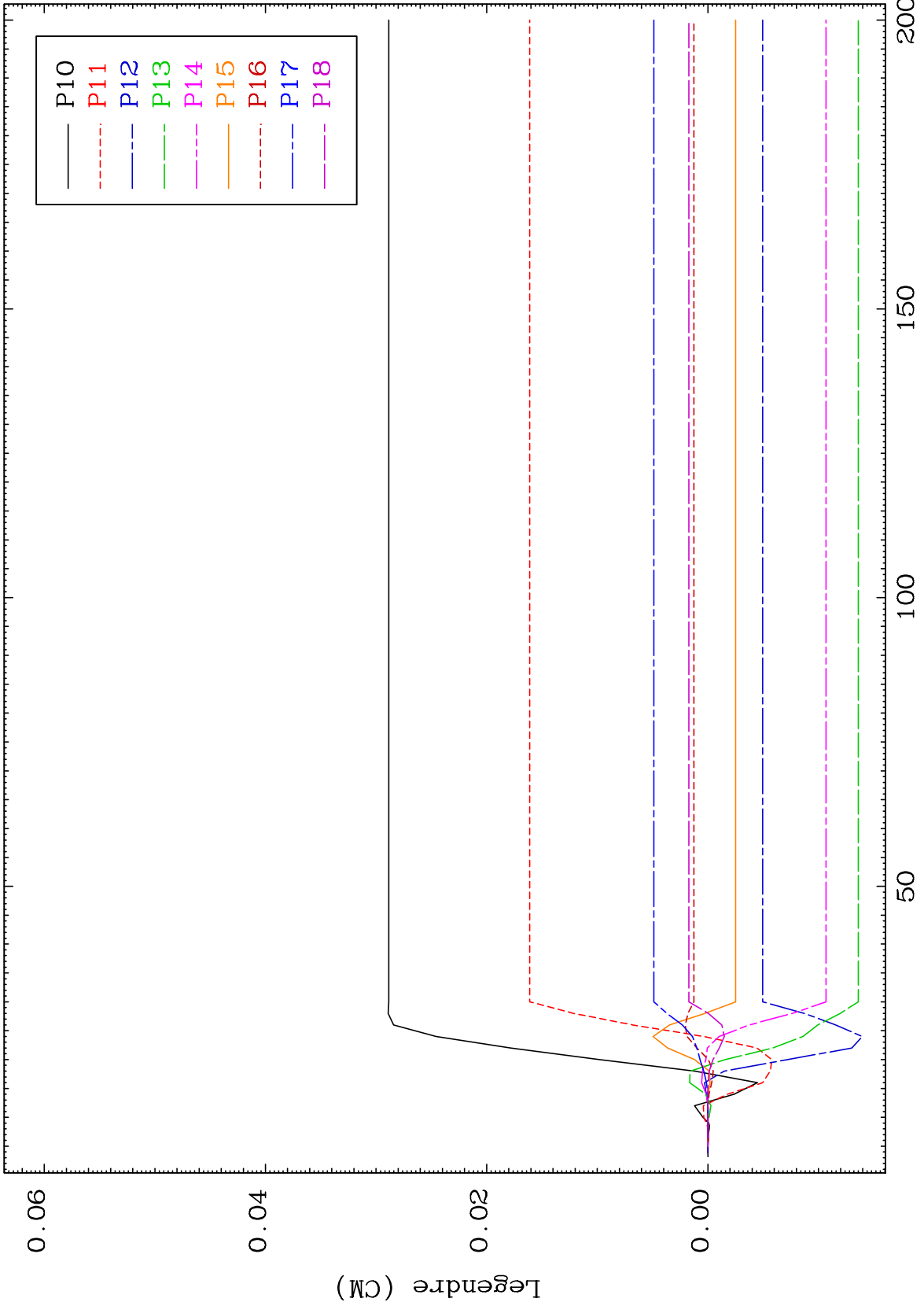
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



82-Pb-210

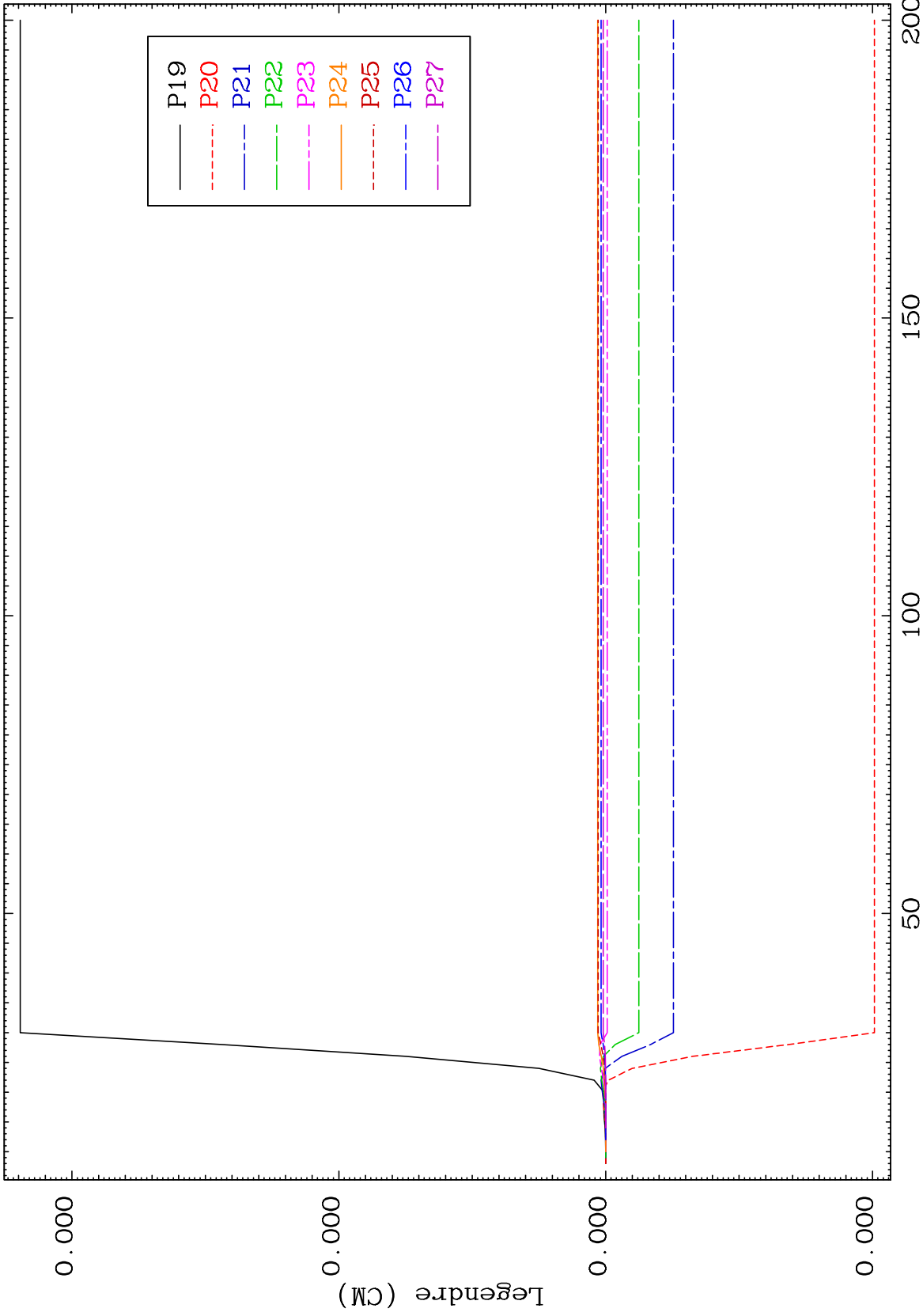
Incident Energy (MeV)

104

MAT 8243

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

82-Pb-210



105

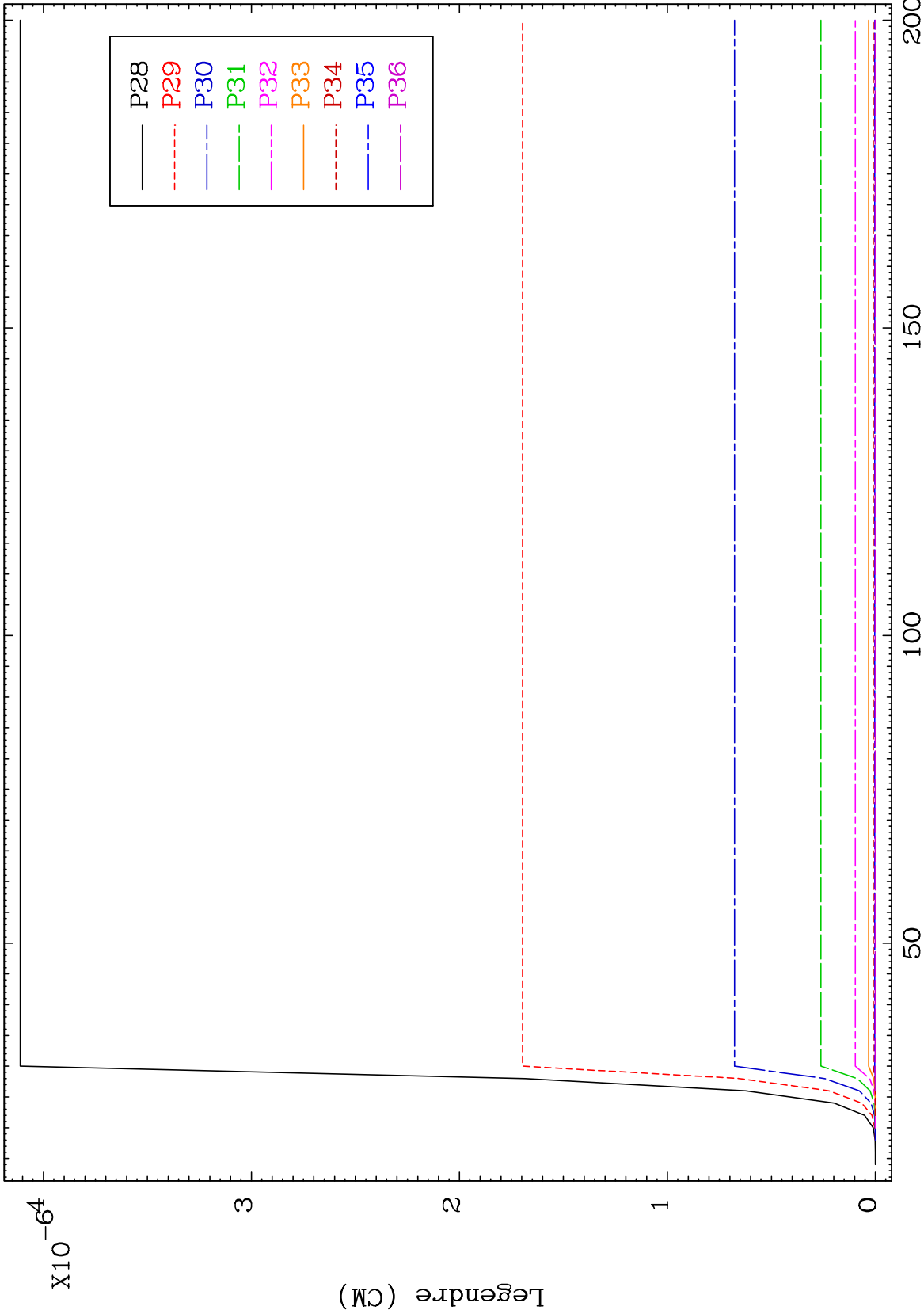
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



106

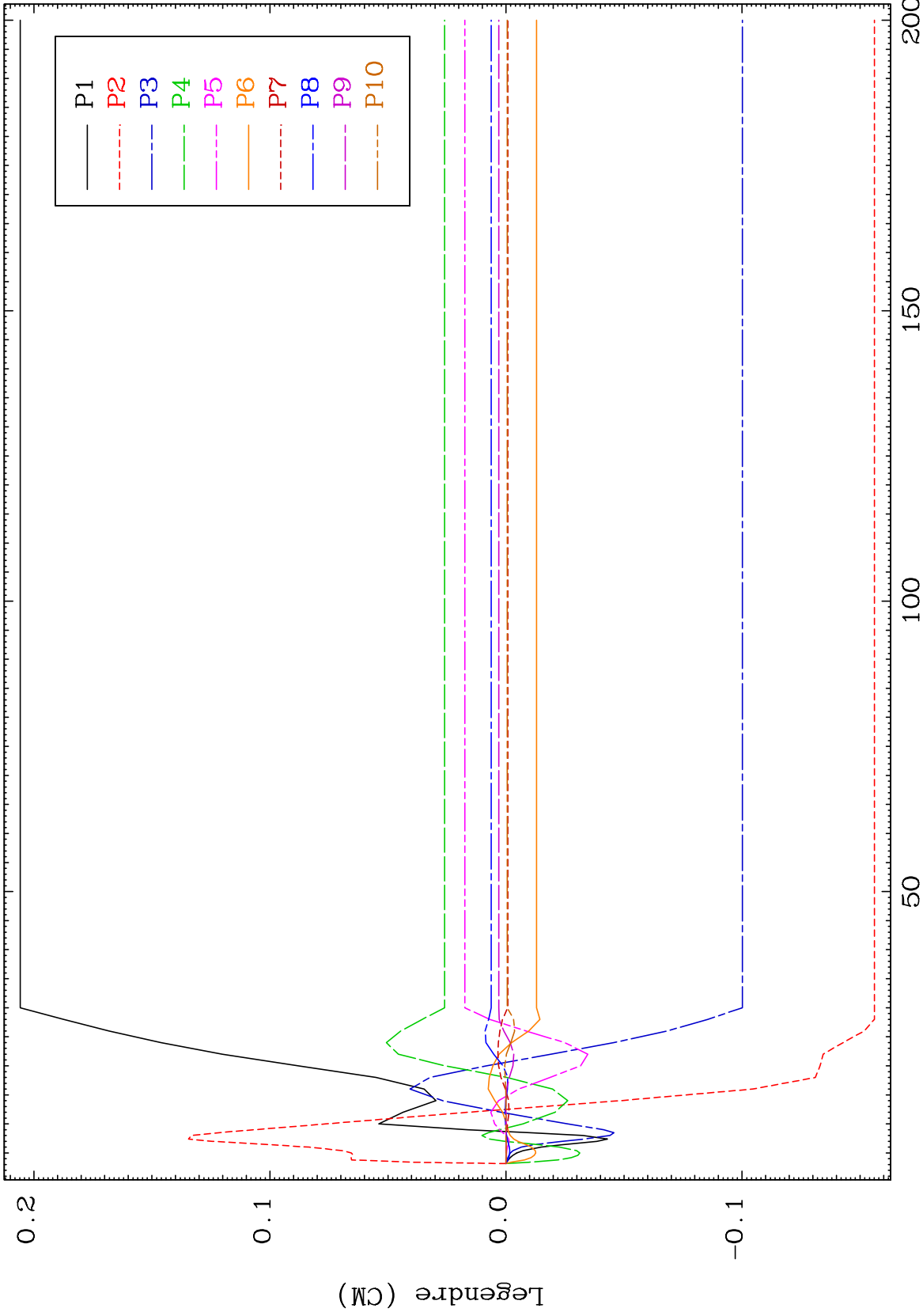
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



107

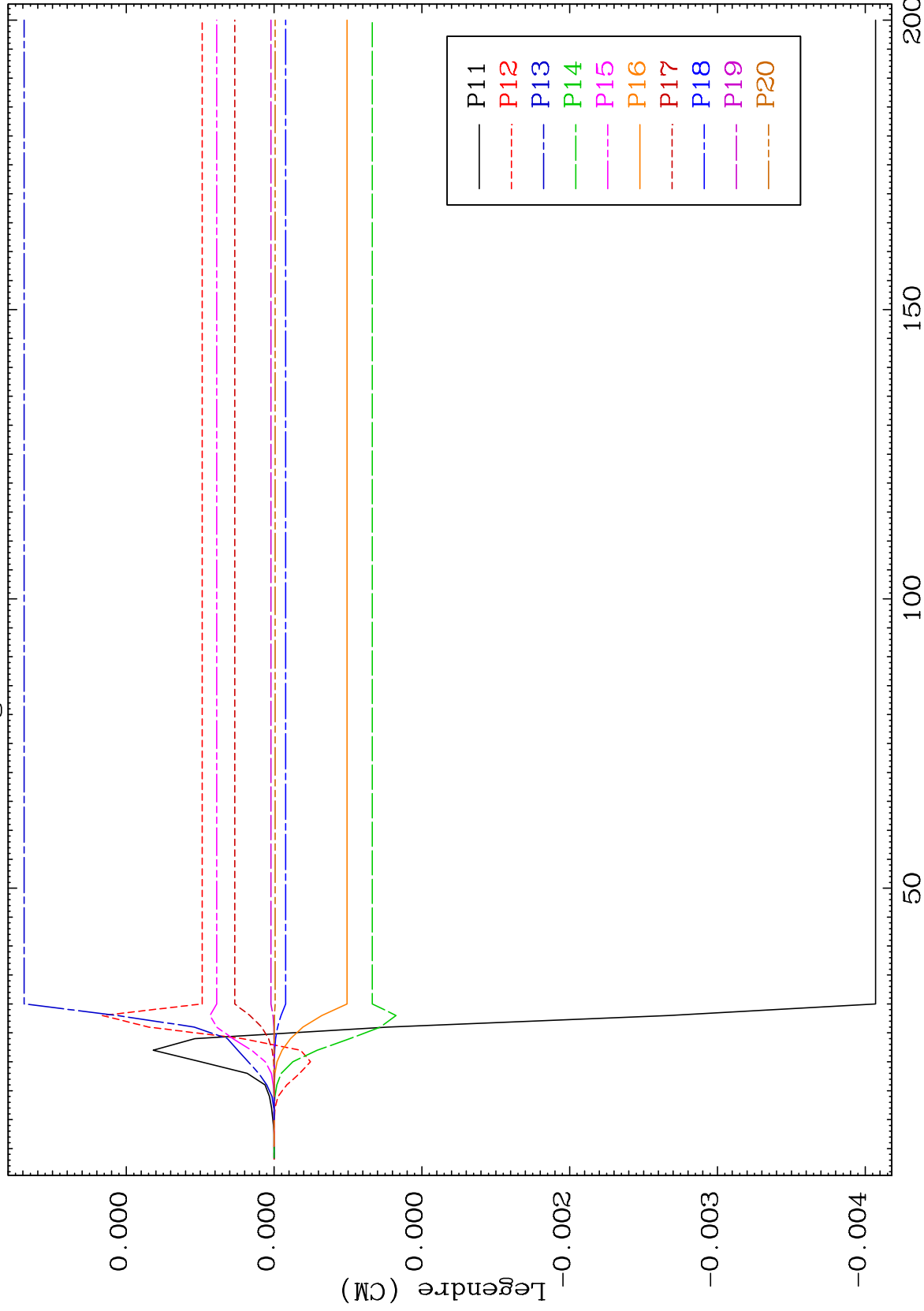
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



108

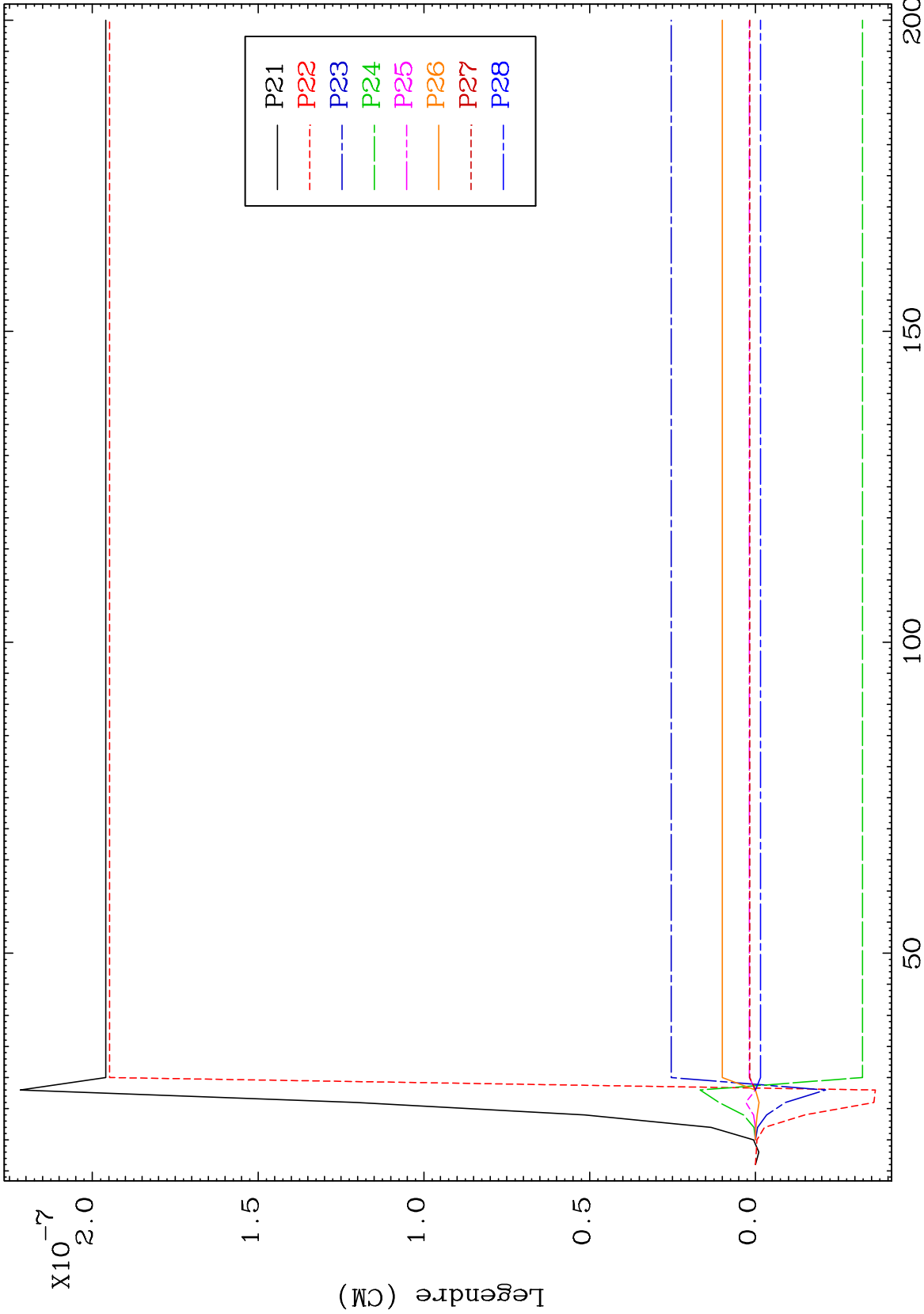
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210

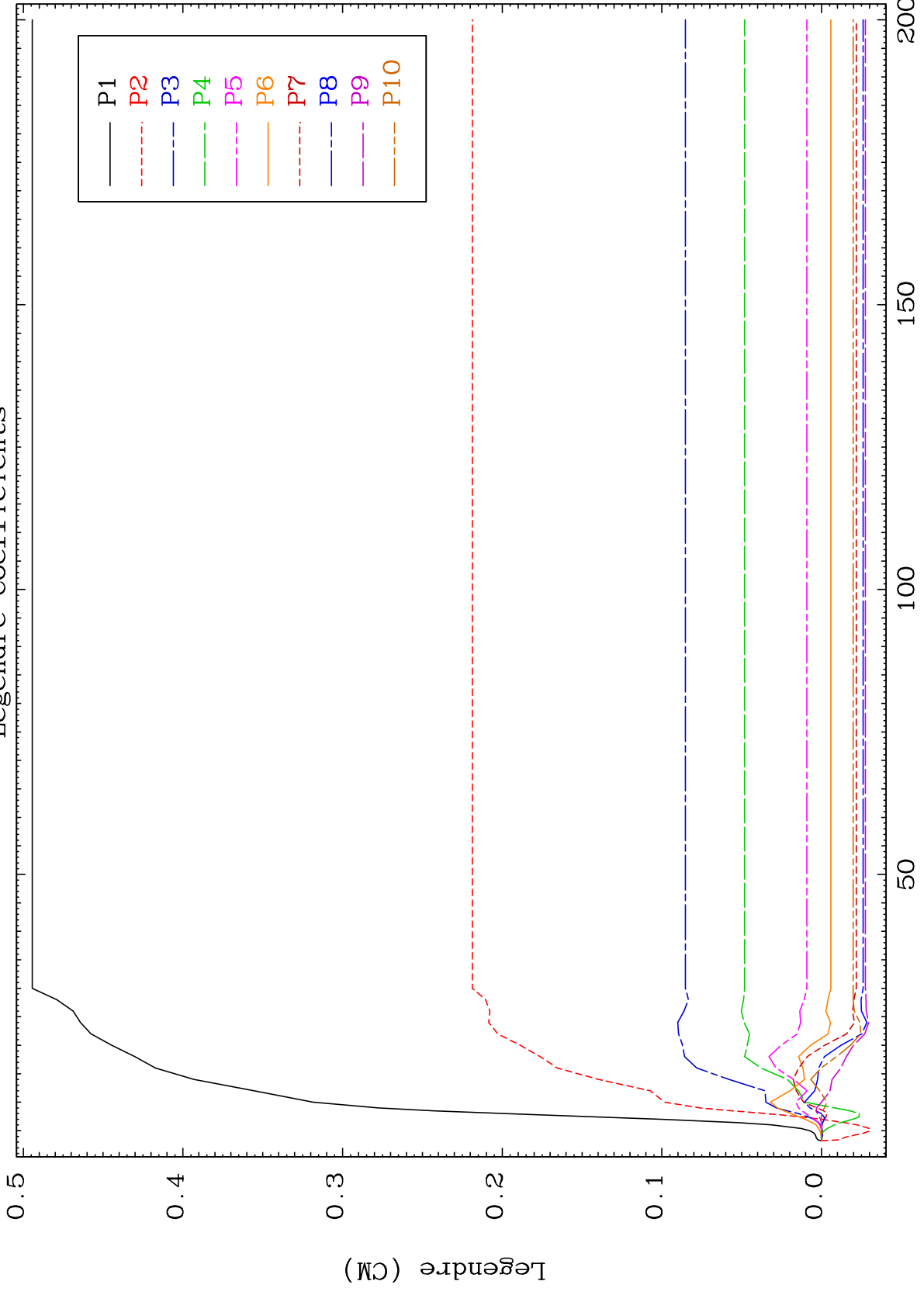


109

Incident Energy (MeV)

82-Pb-210

MAT 8243 MT= 75 (n,n') Level Legendre Coefficients 82-Pb-210

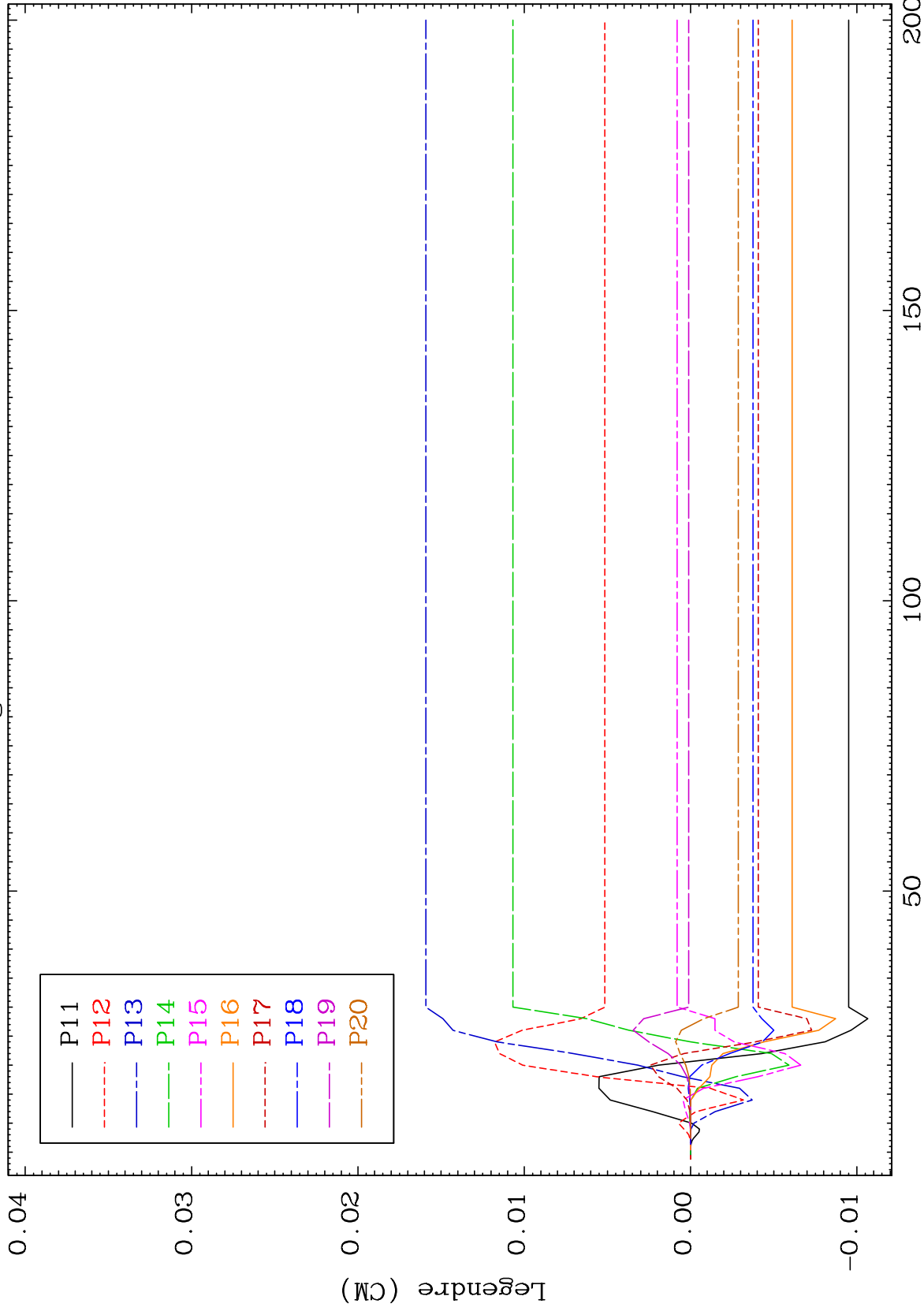


110 Incident Energy (MeV) 82-Pb-210

MAT 8243

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

82-Pb-210



111

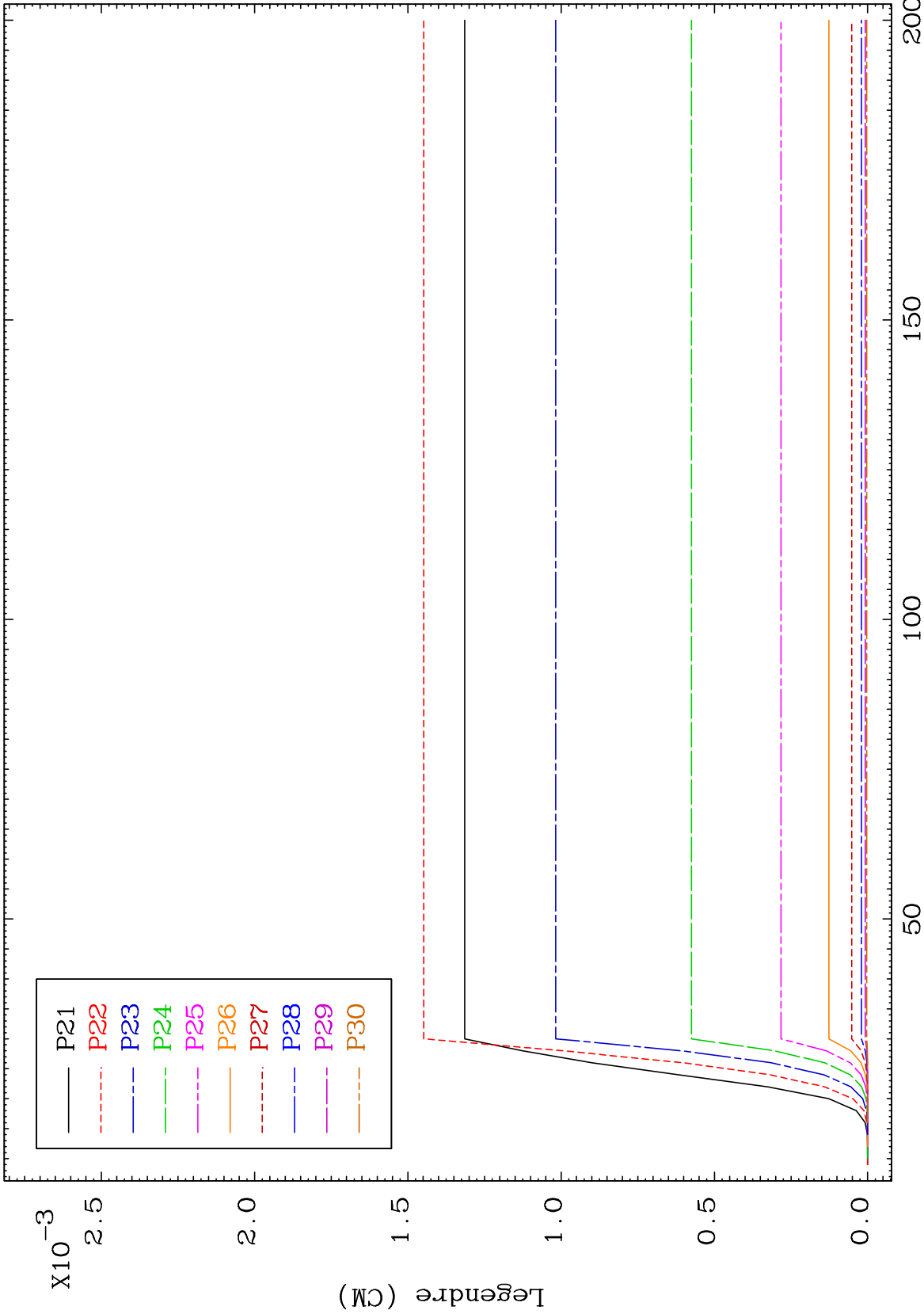
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



112

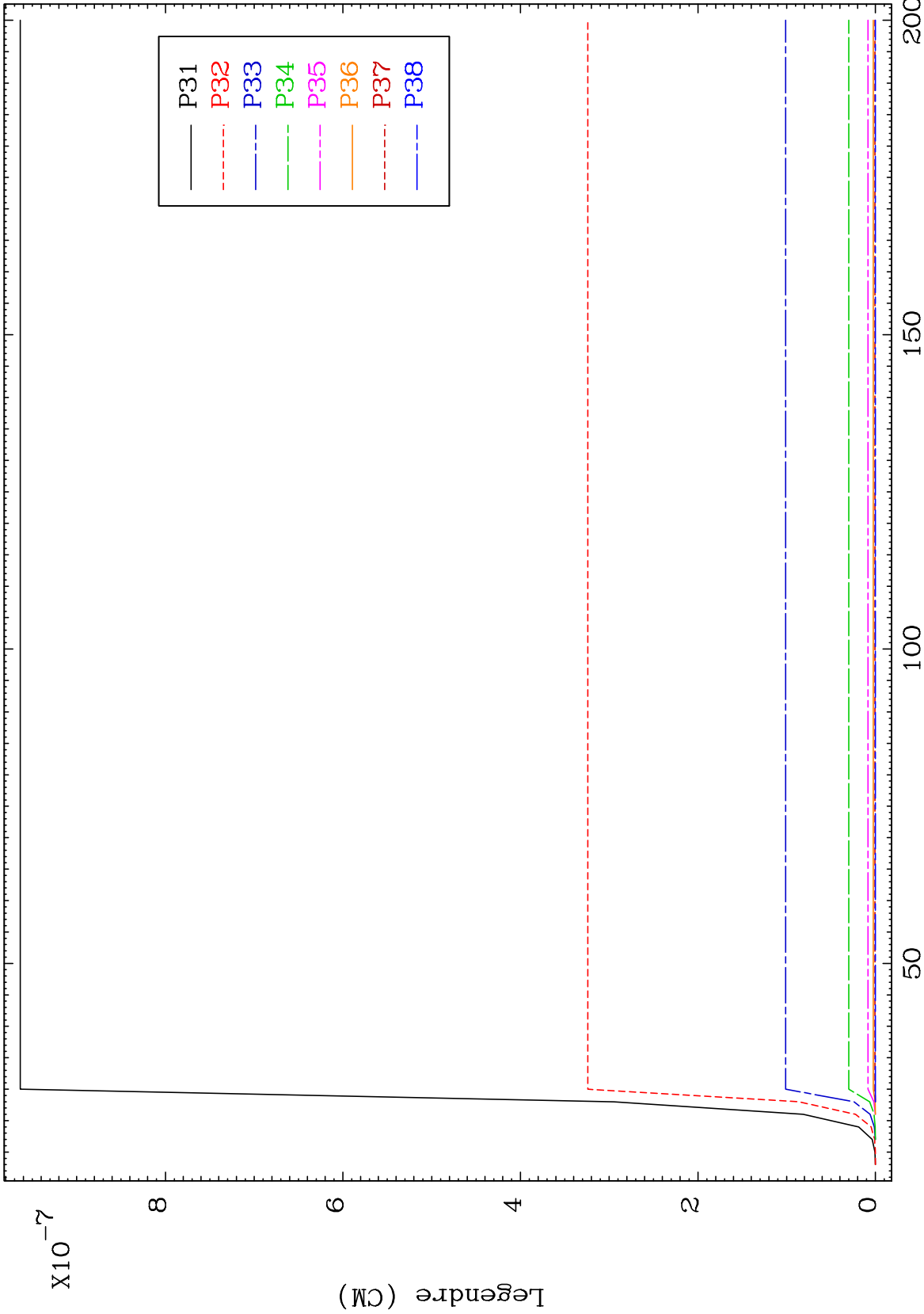
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



113

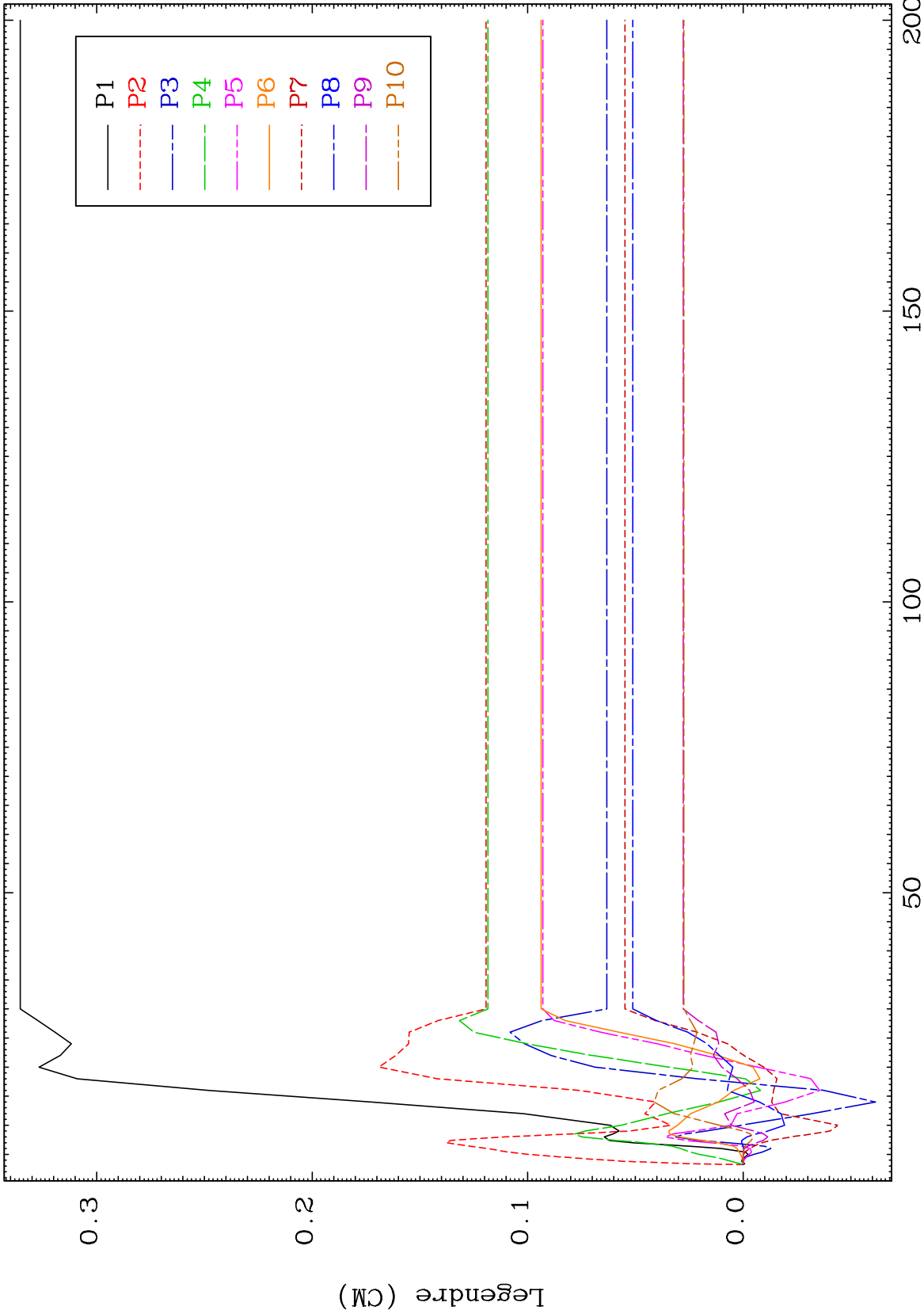
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



82-Pb-210

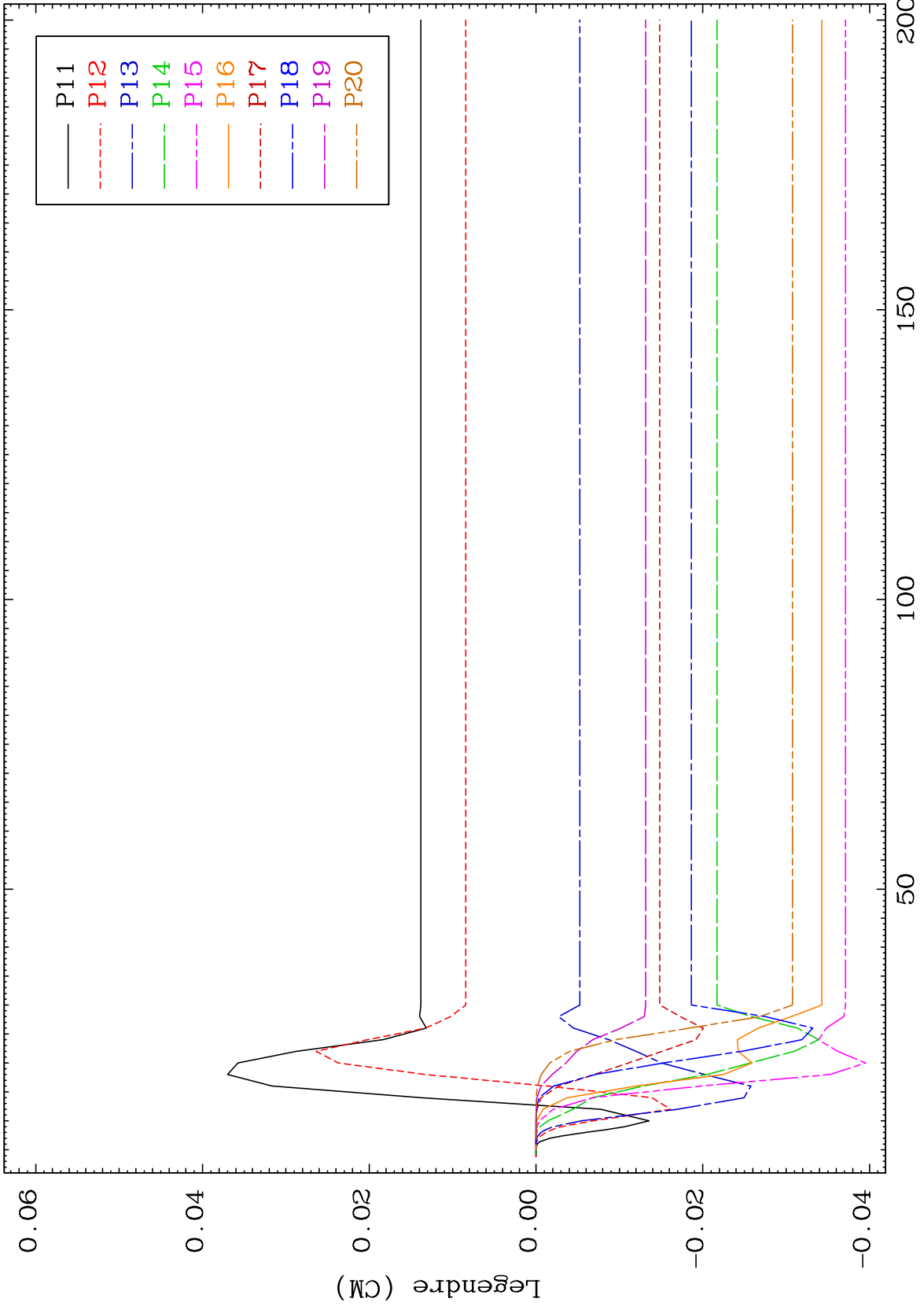
Incident Energy (MeV)

114

MAT 8243

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

82-Pb-210



115

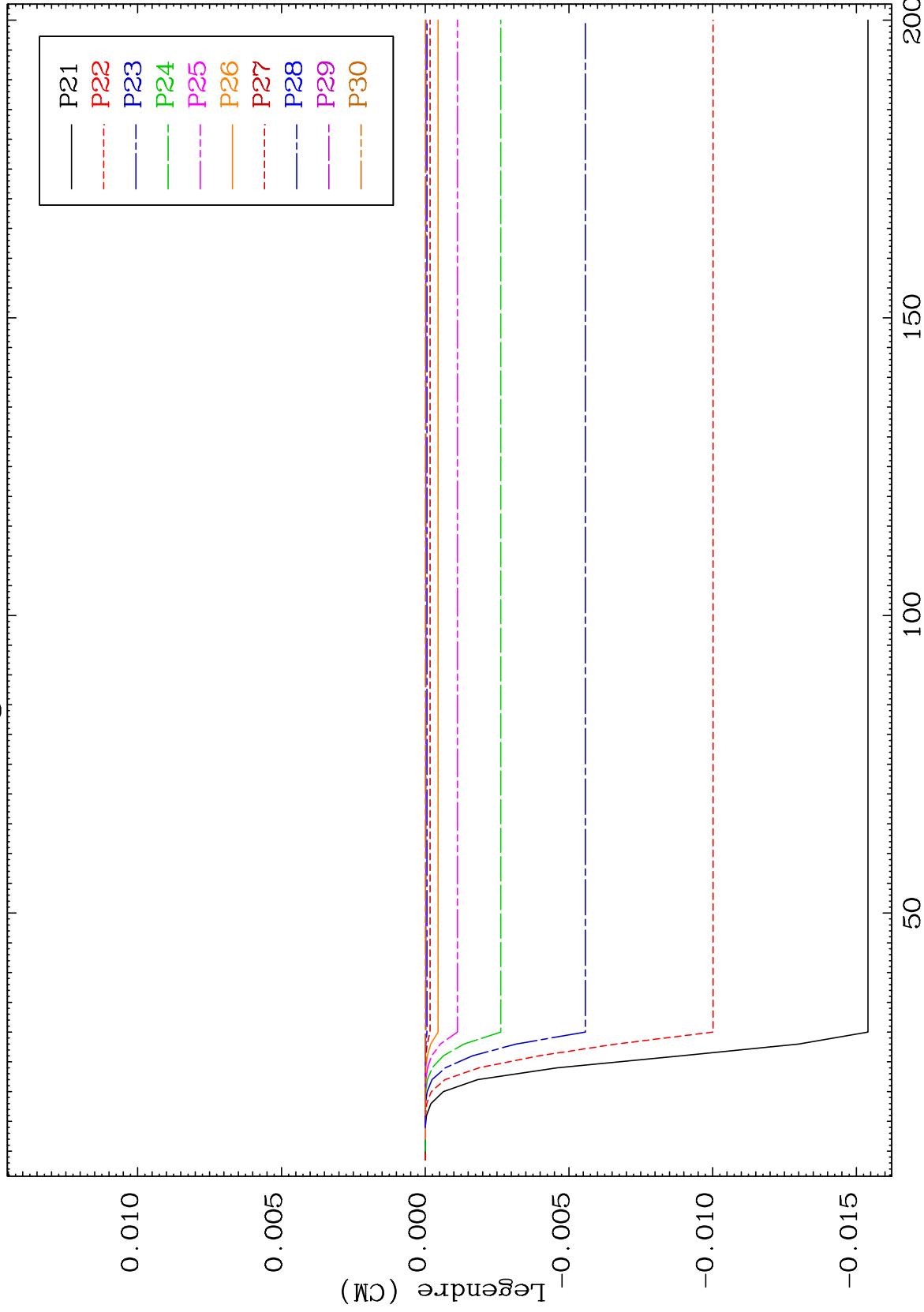
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



116

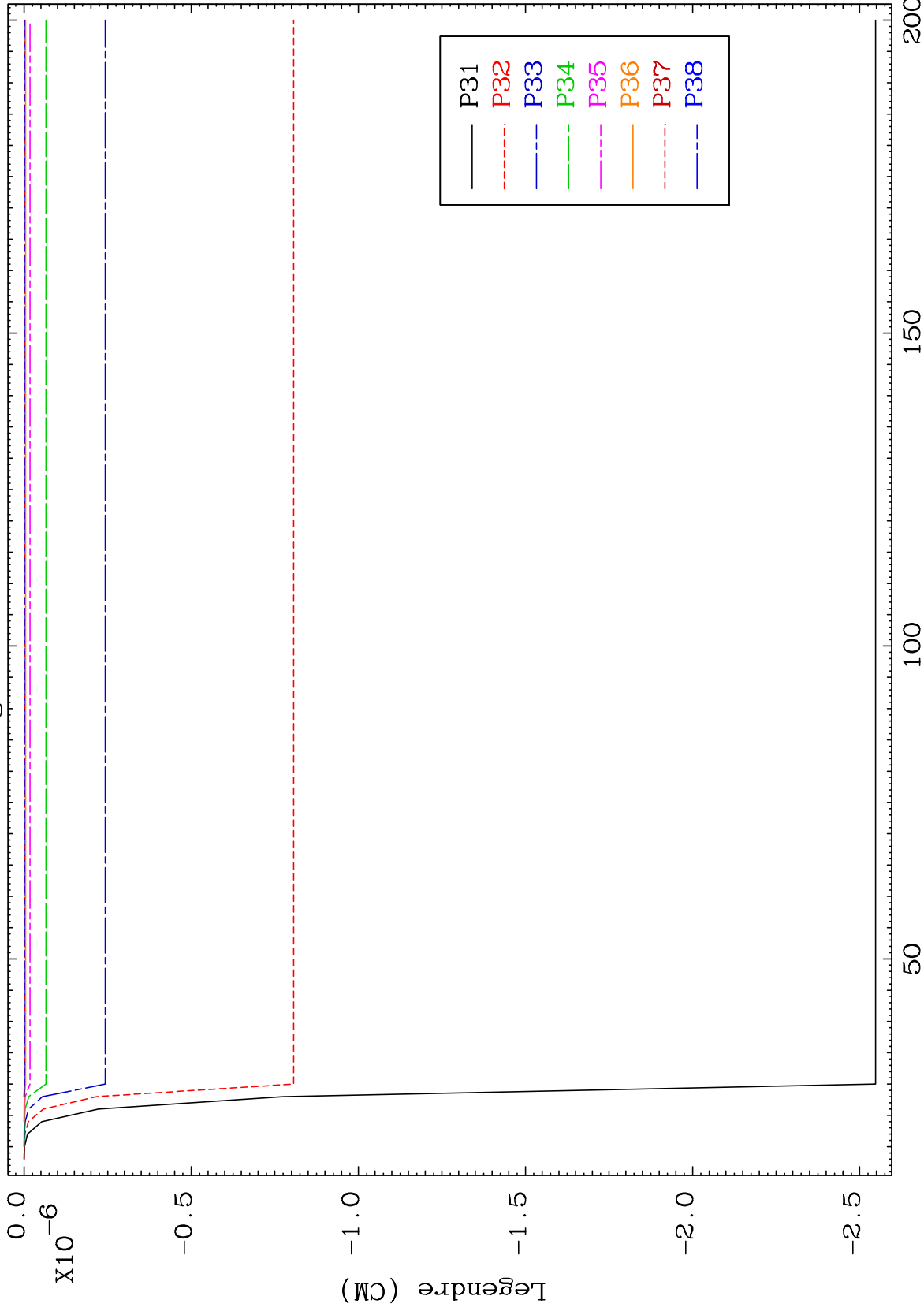
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



117

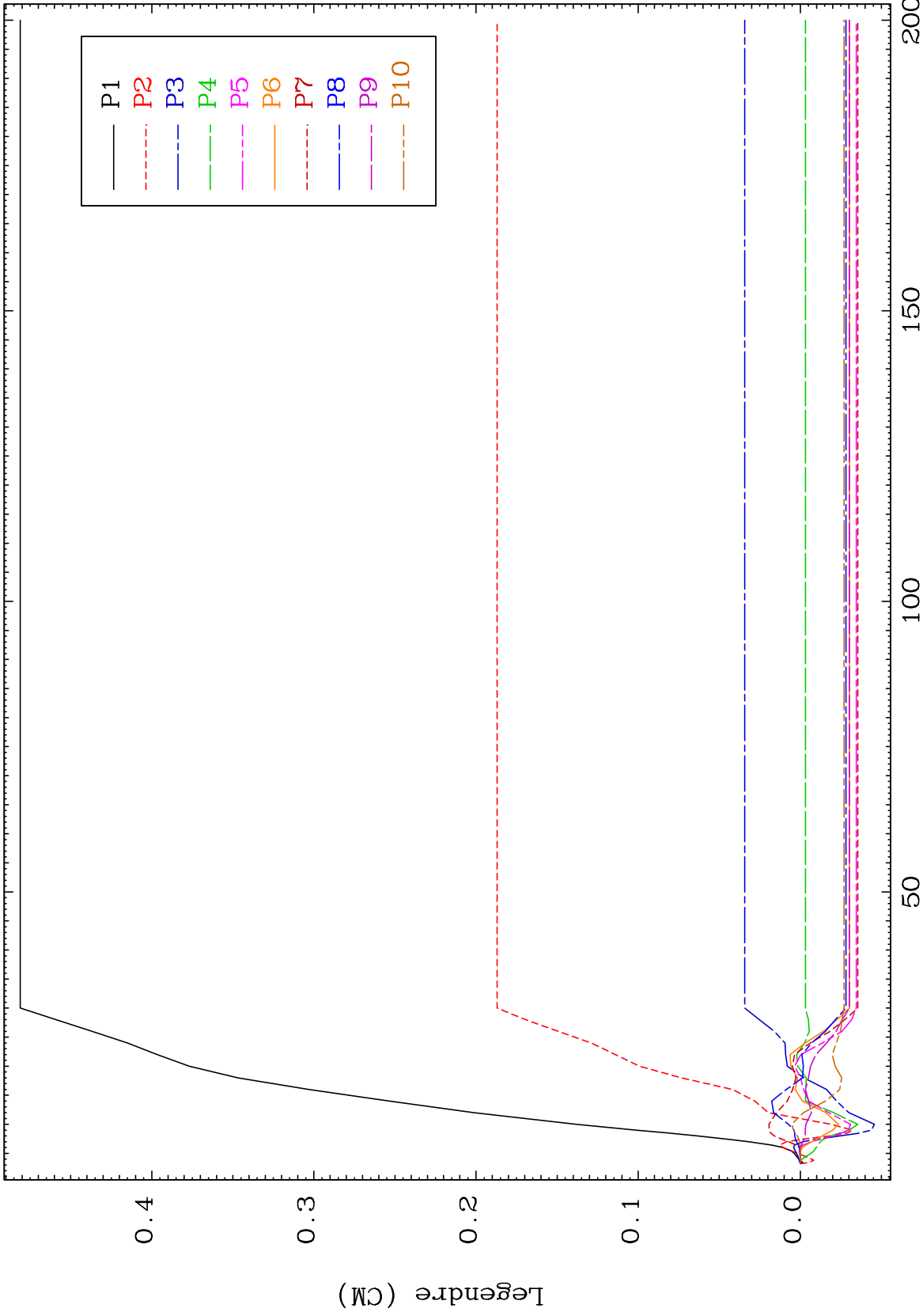
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



118

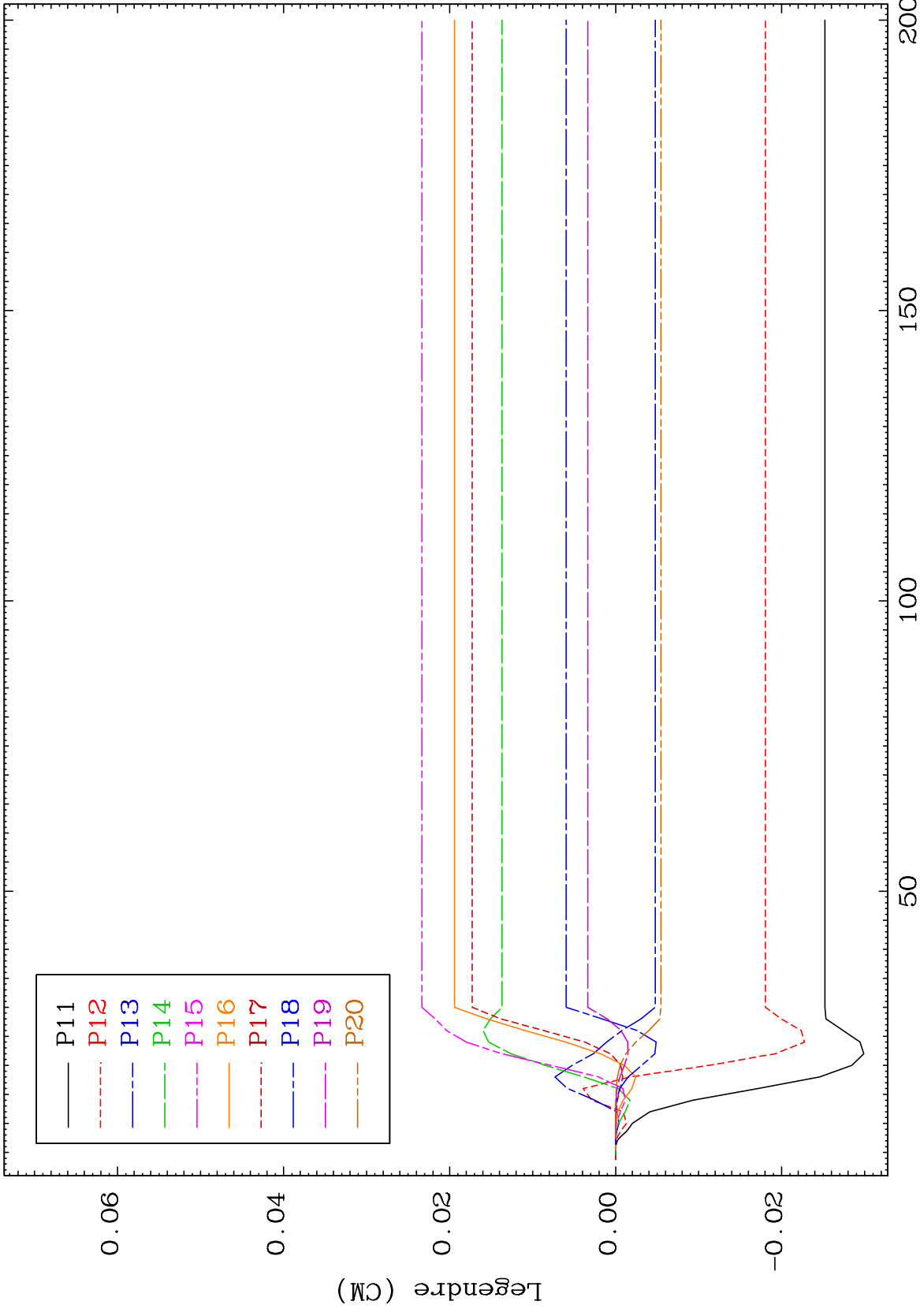
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



119

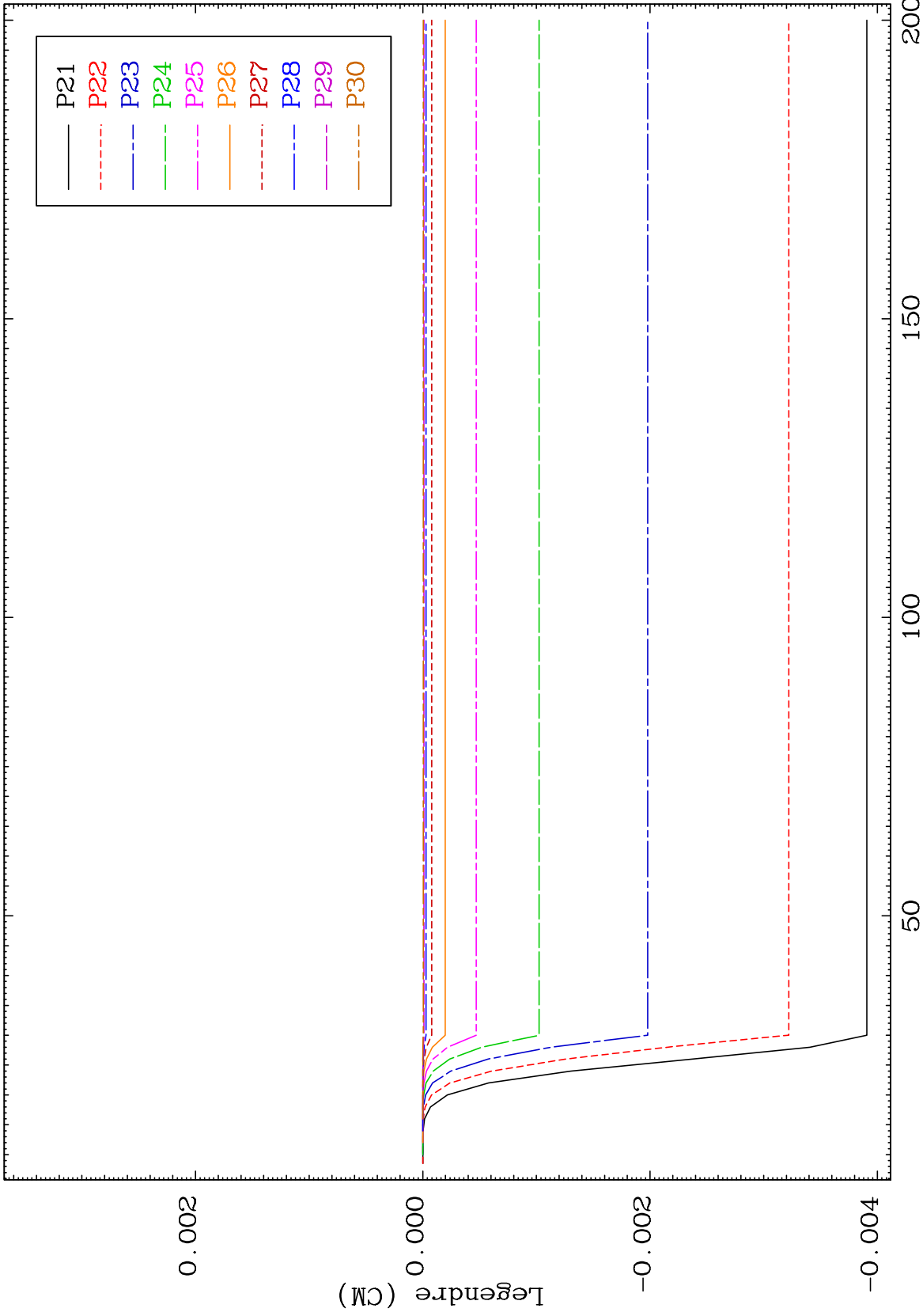
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



120

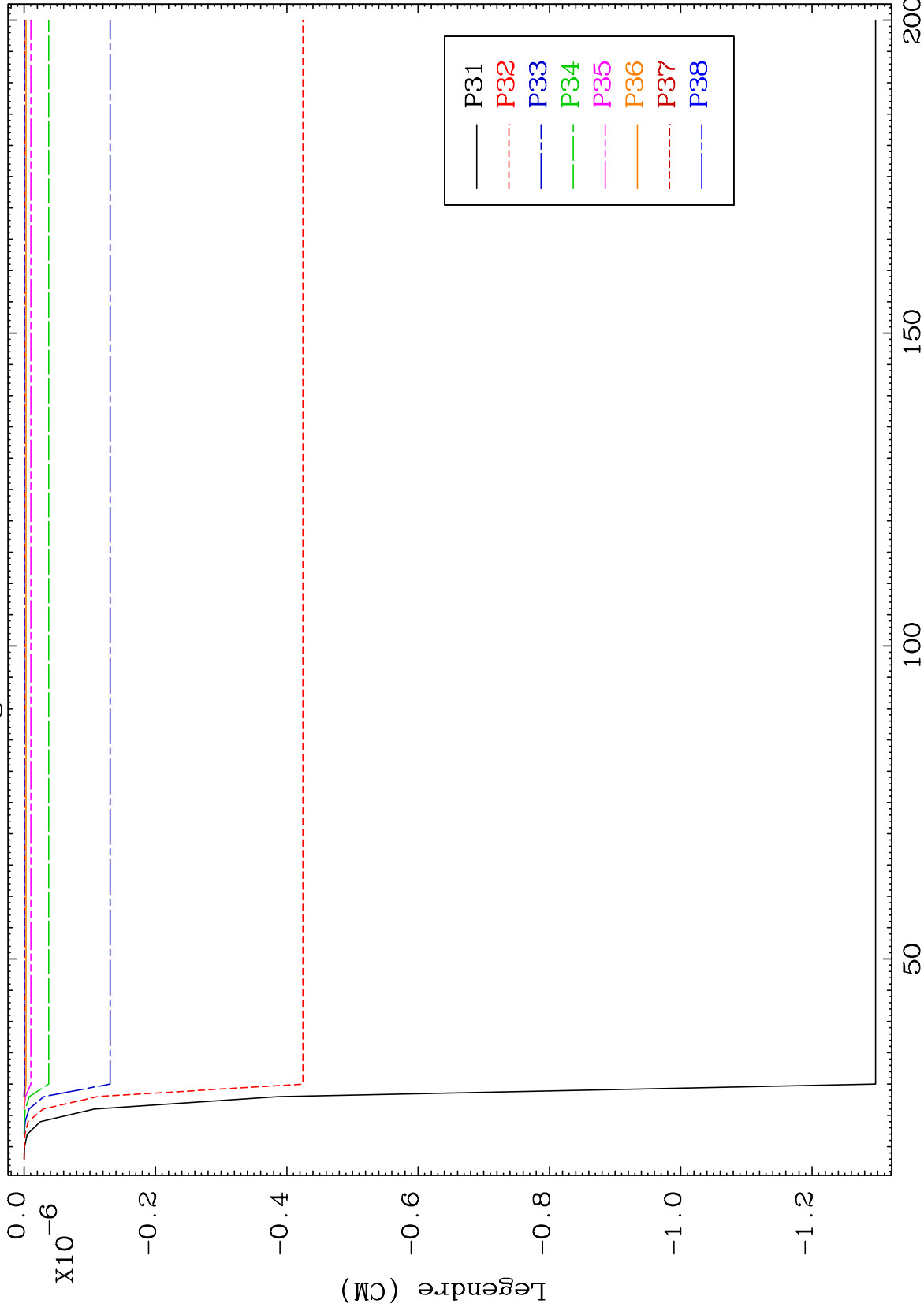
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



121

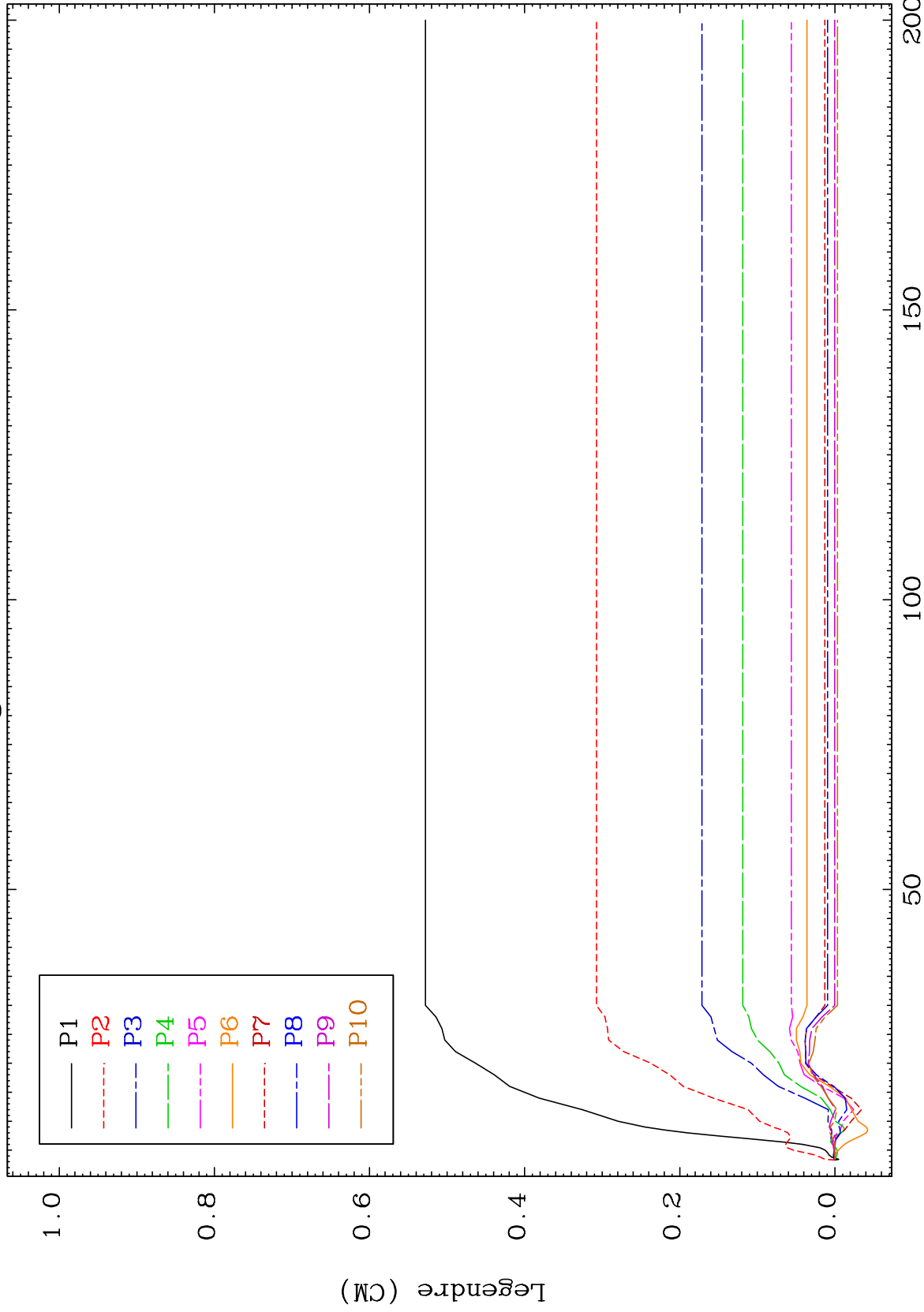
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



122

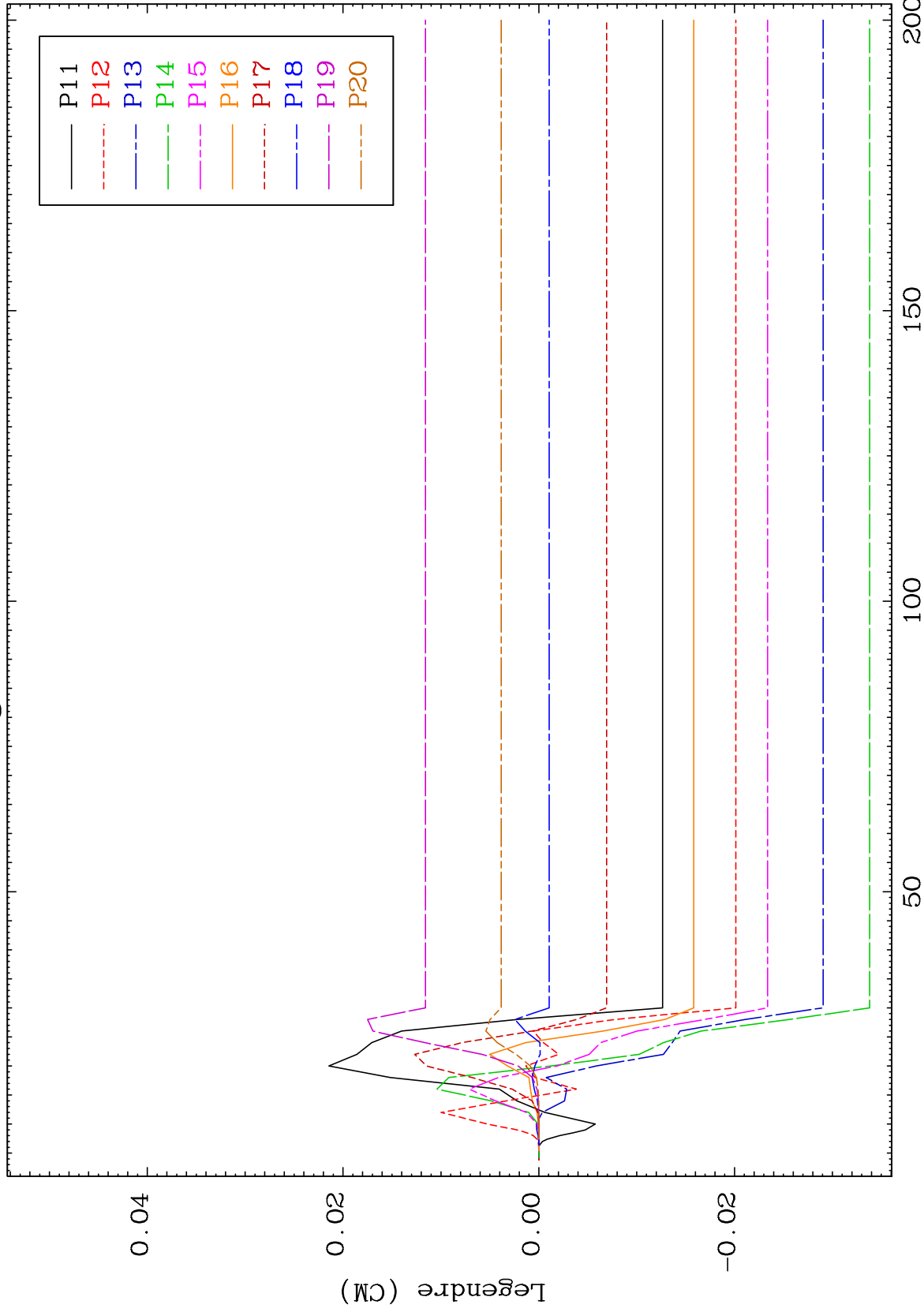
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



123

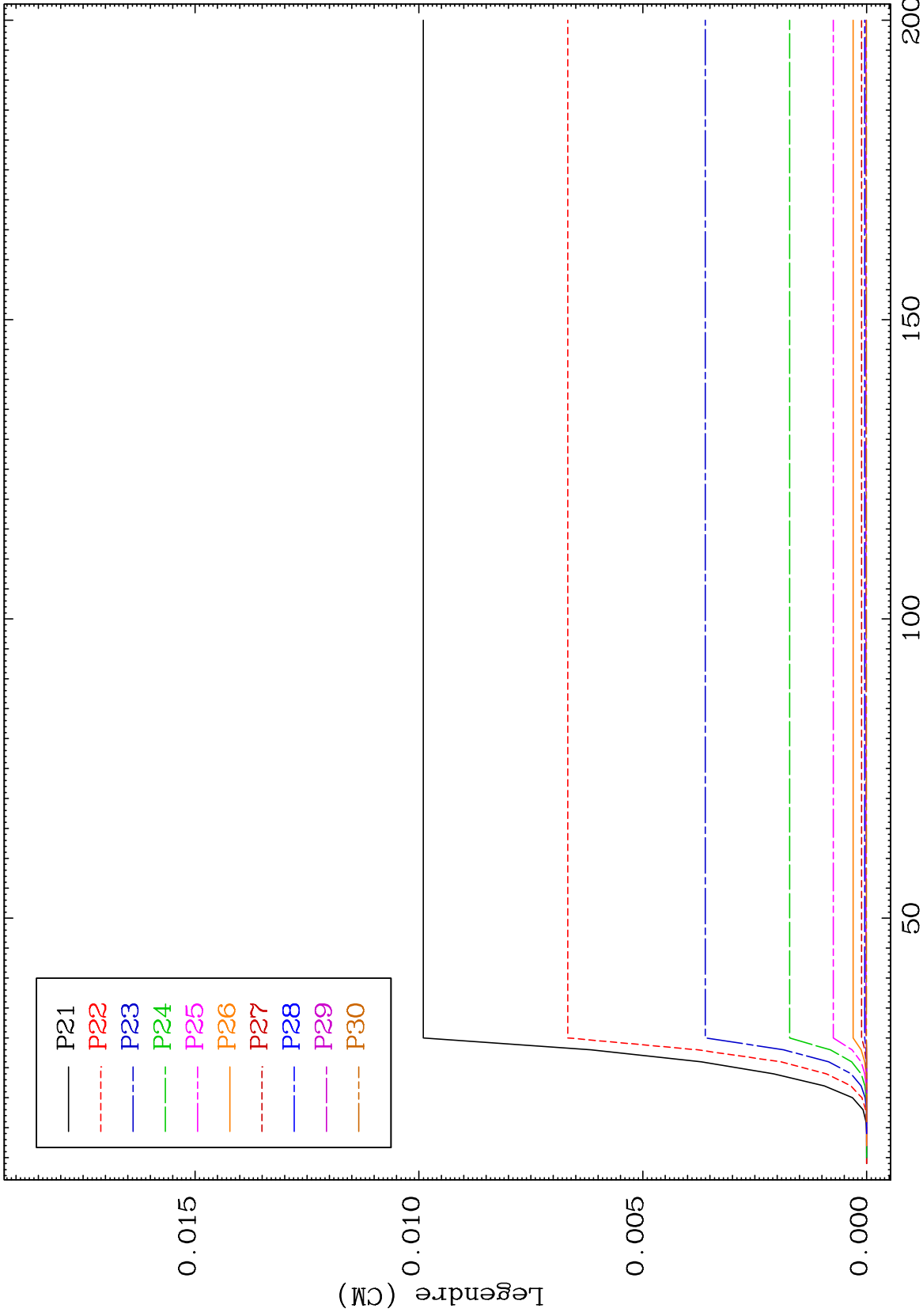
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



124

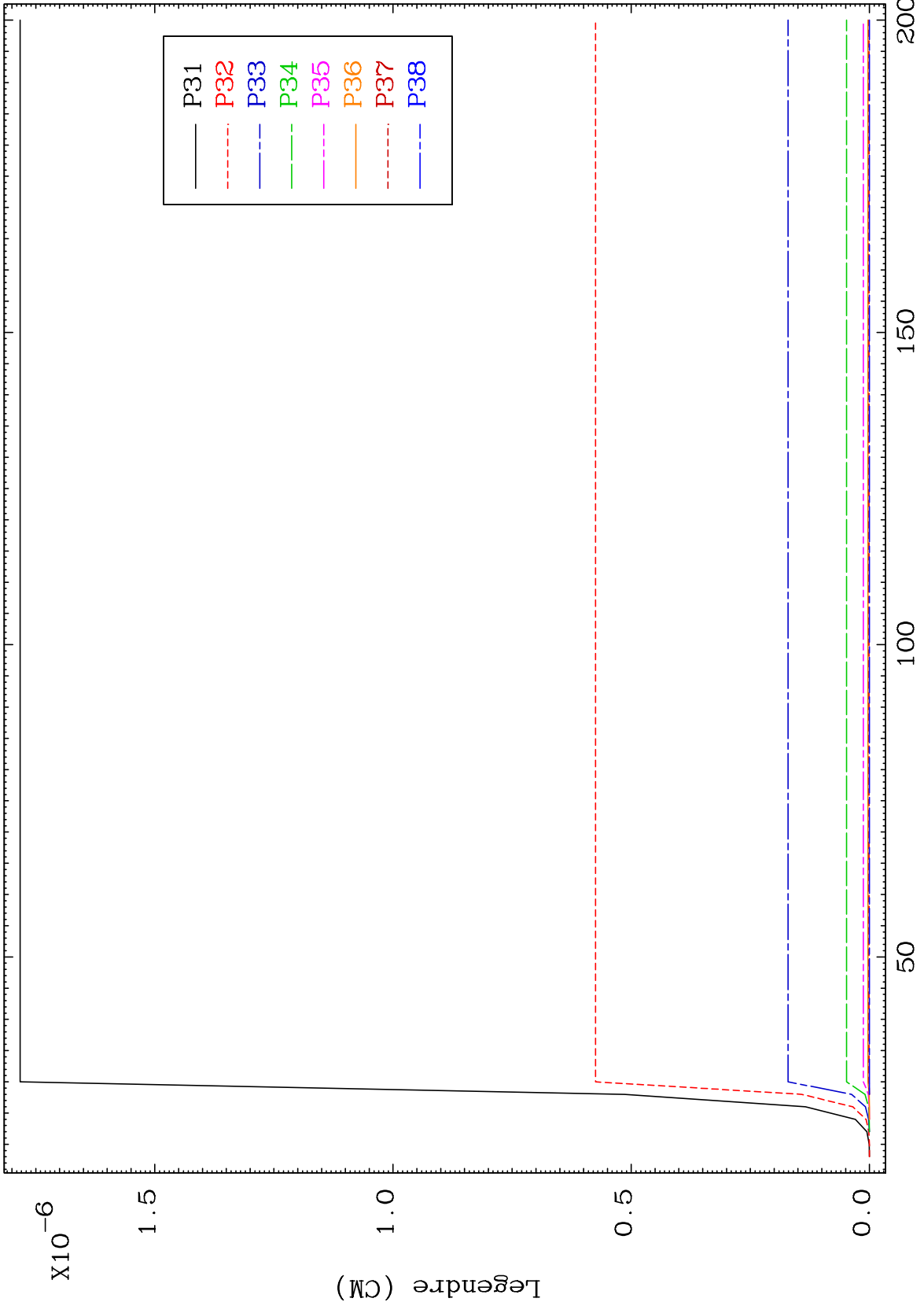
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



125

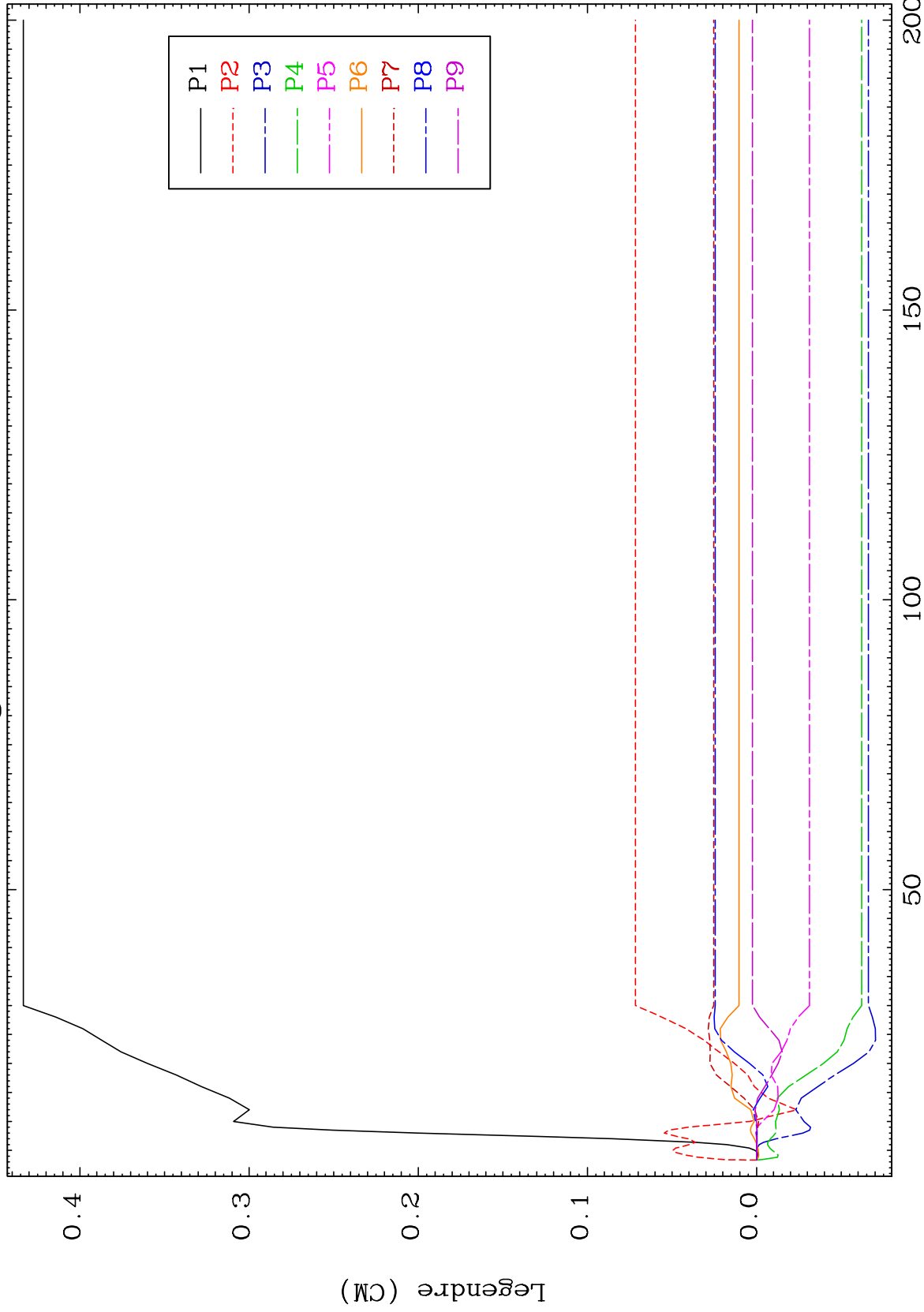
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



126

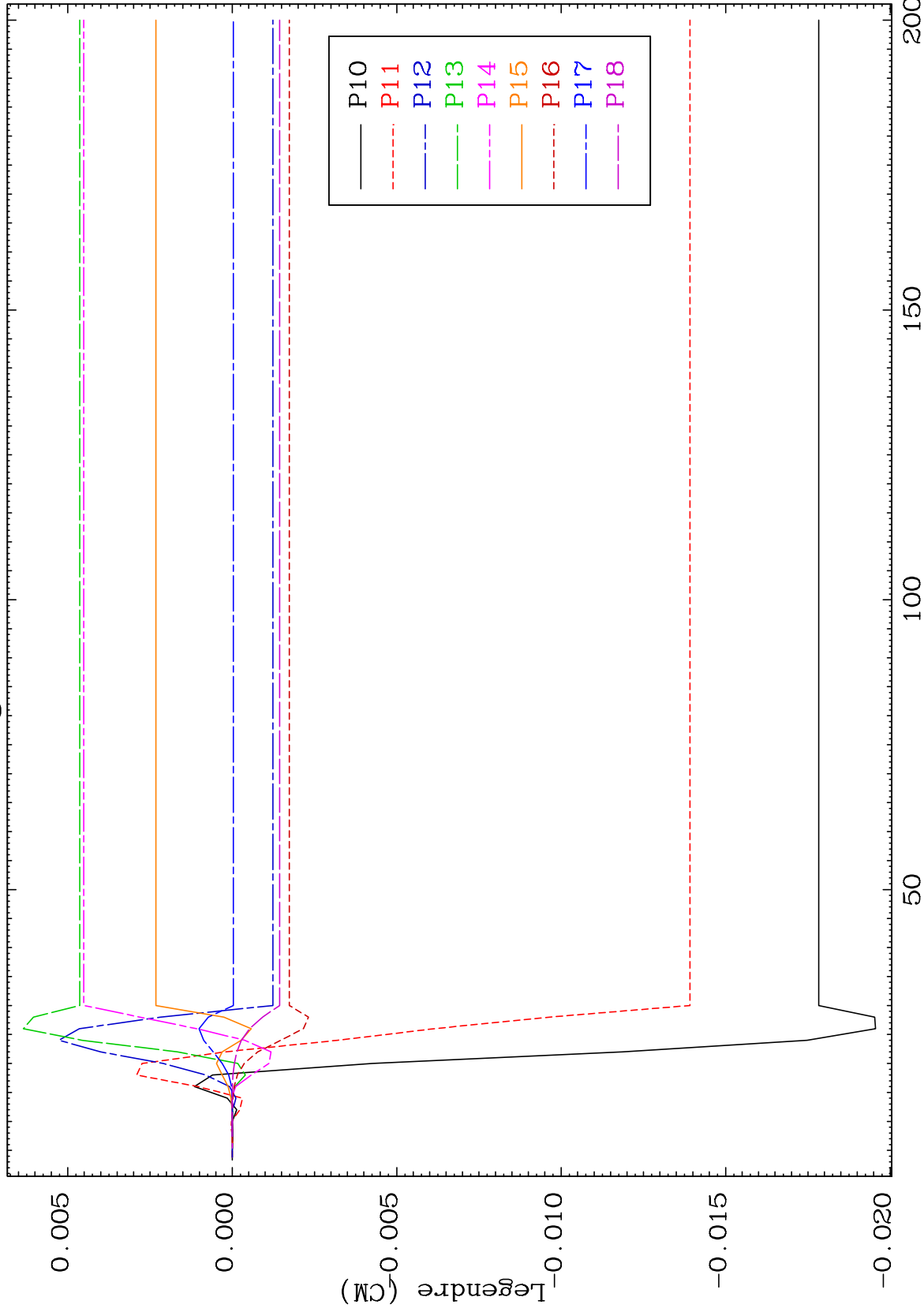
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



127

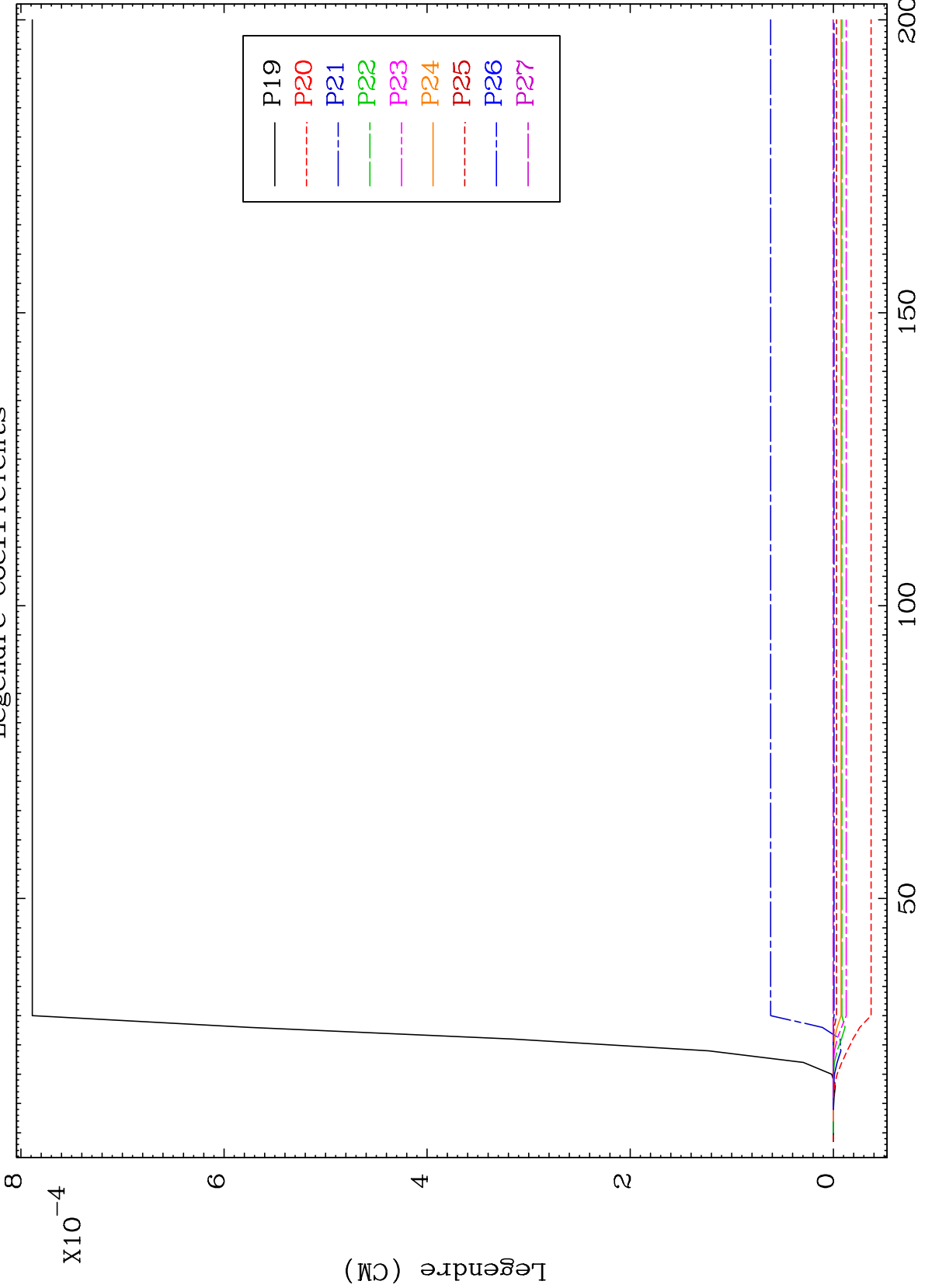
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



128

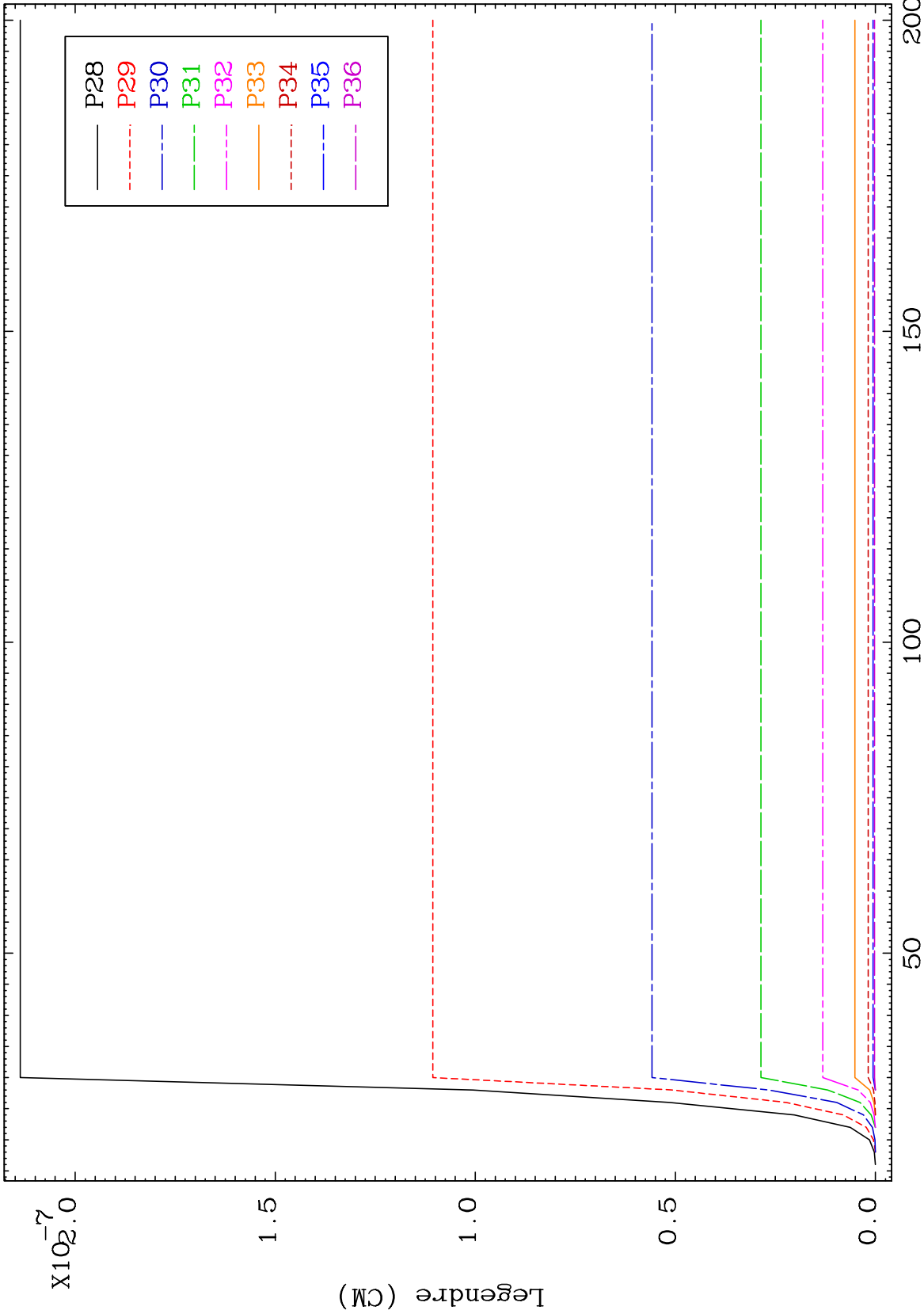
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210

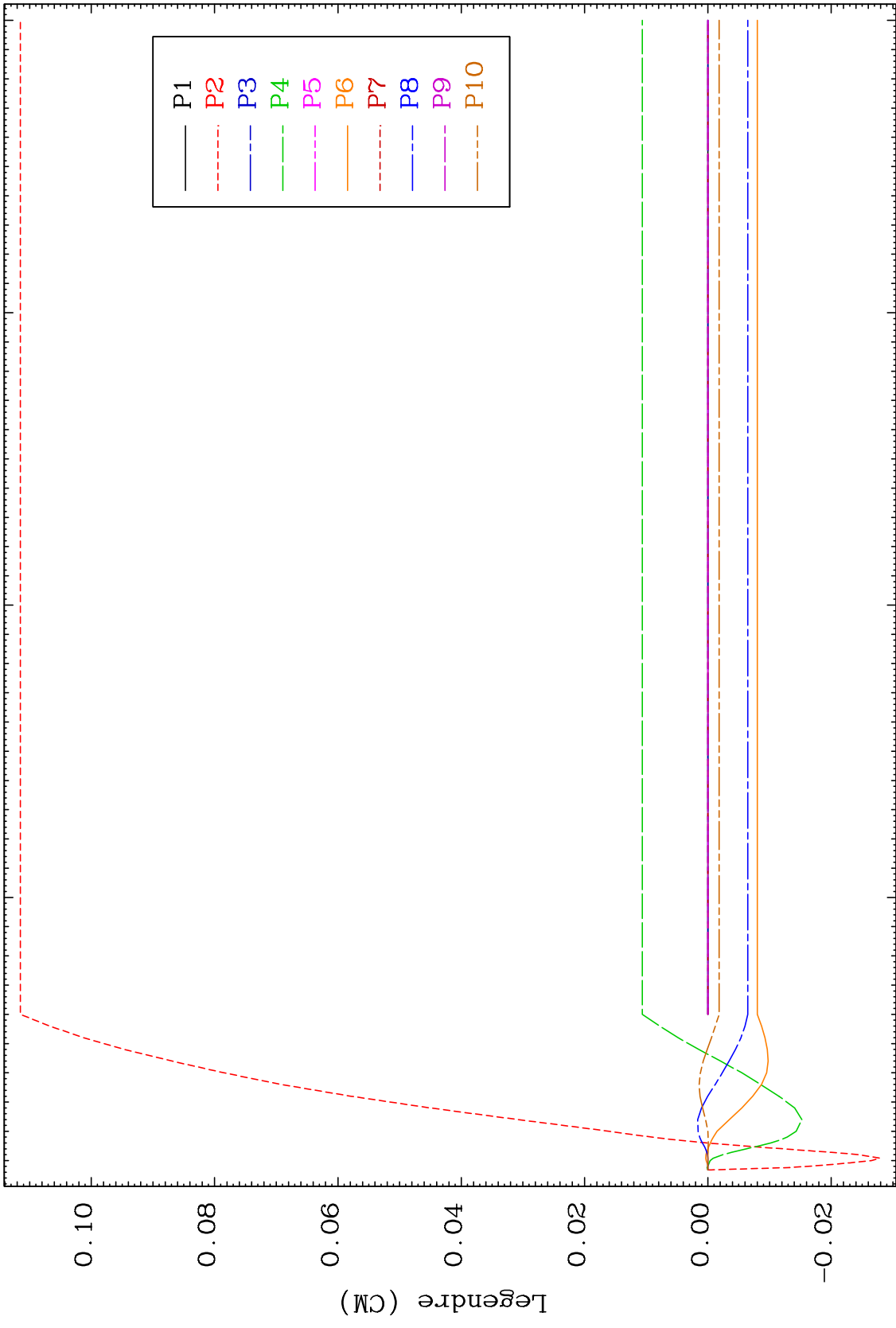


129

Incident Energy (MeV)

82-Pb-210

MAT 8243 MT= 80 (n,n') Level Legendre Coefficients 82-Pb-210

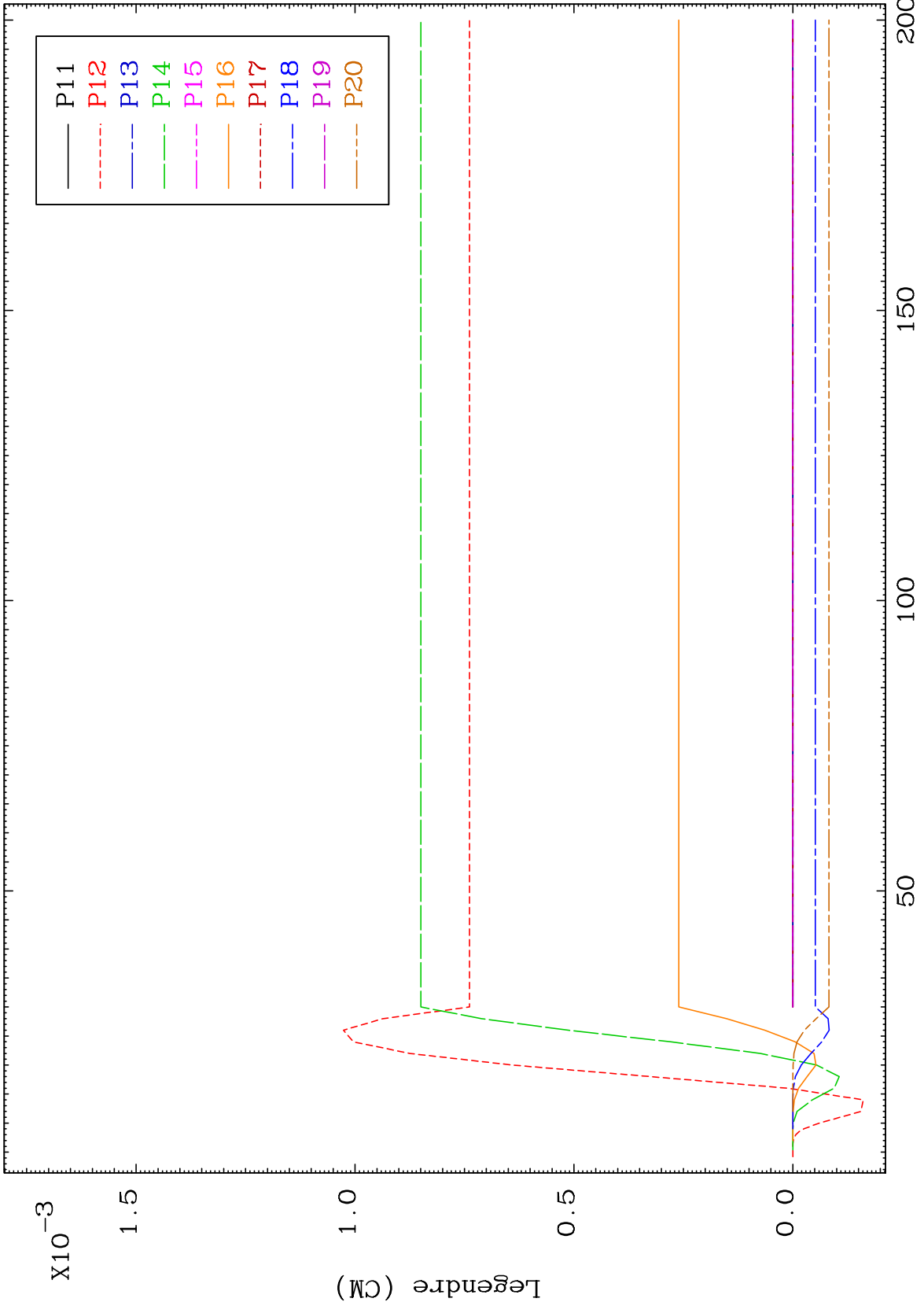


Incident Energy (MeV) 82-Pb-210

MAT 8243

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

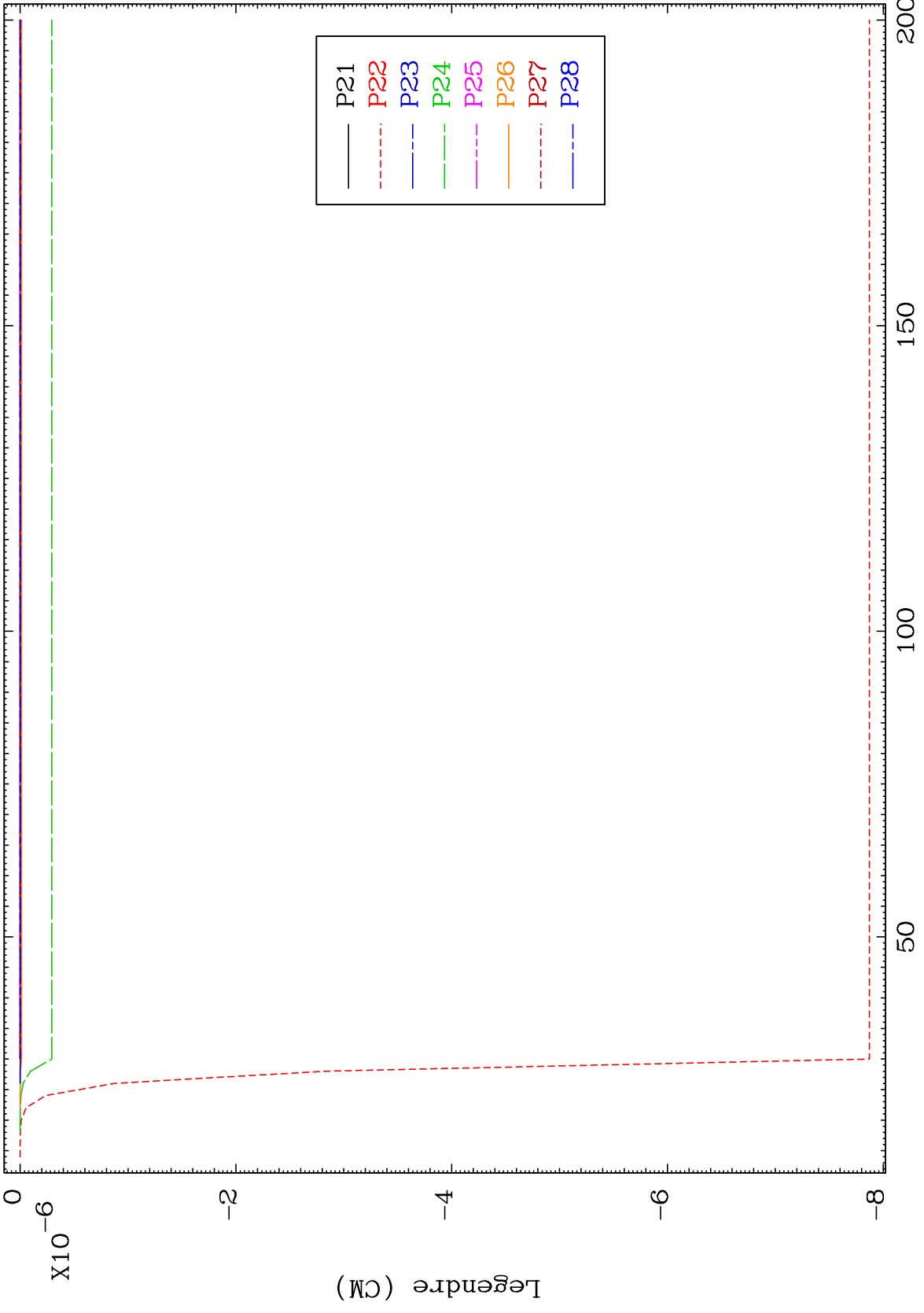
82-Pb-210



131

82-Pb-210

MAT 8243 MT= 80 (n,n') Level Legendre Coefficients 82-Pb-210



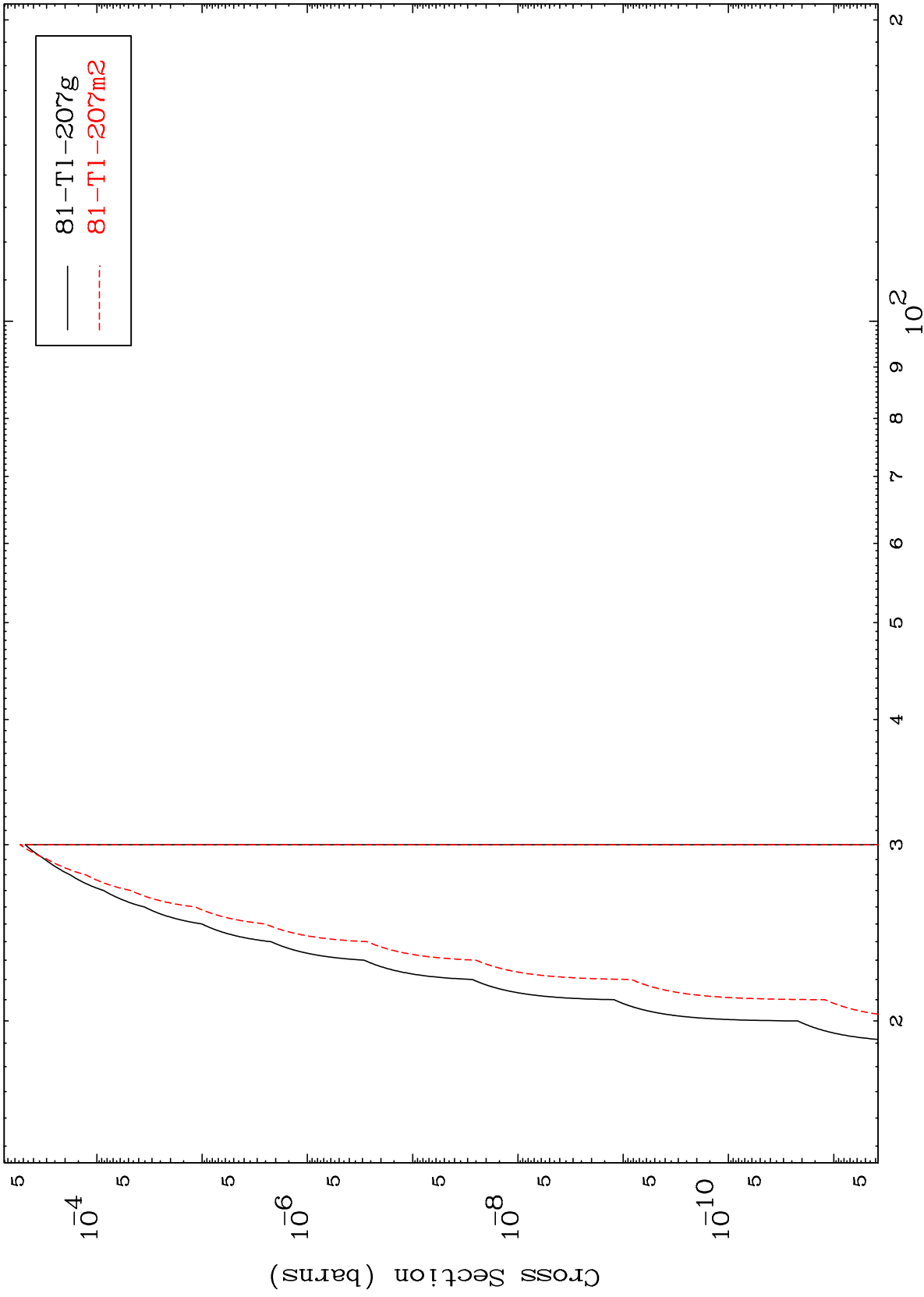
132 82-Pb-210

MAT 8243

(n,2n) d

82-Pb-210

Radionuclide Production Cross Section



133

Incident Energy (MeV)

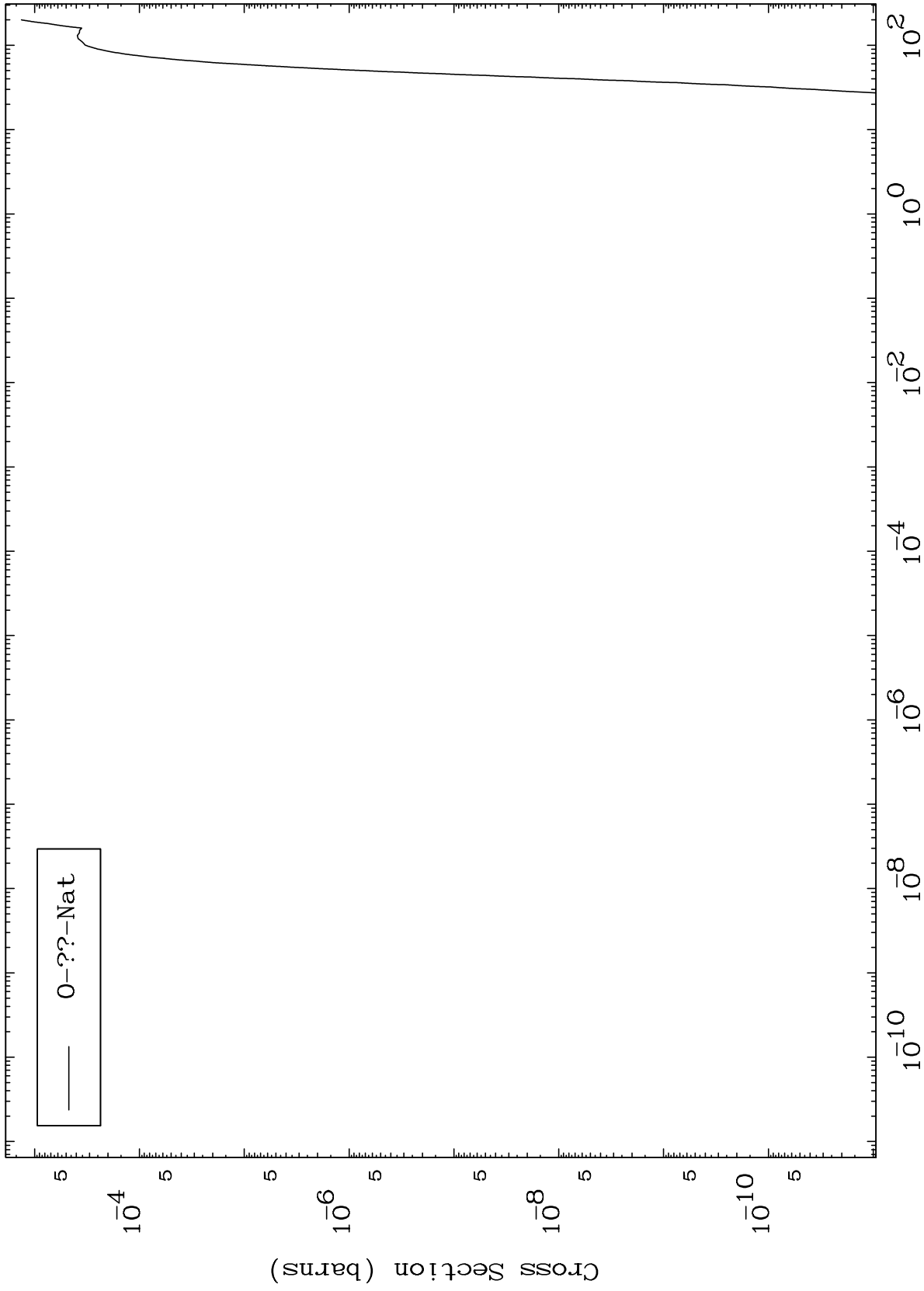
82-Pb-210

MAT 8243

Fission

82-Pb-210

Radionuclide Production Cross Section



134

Incident Energy (MeV)

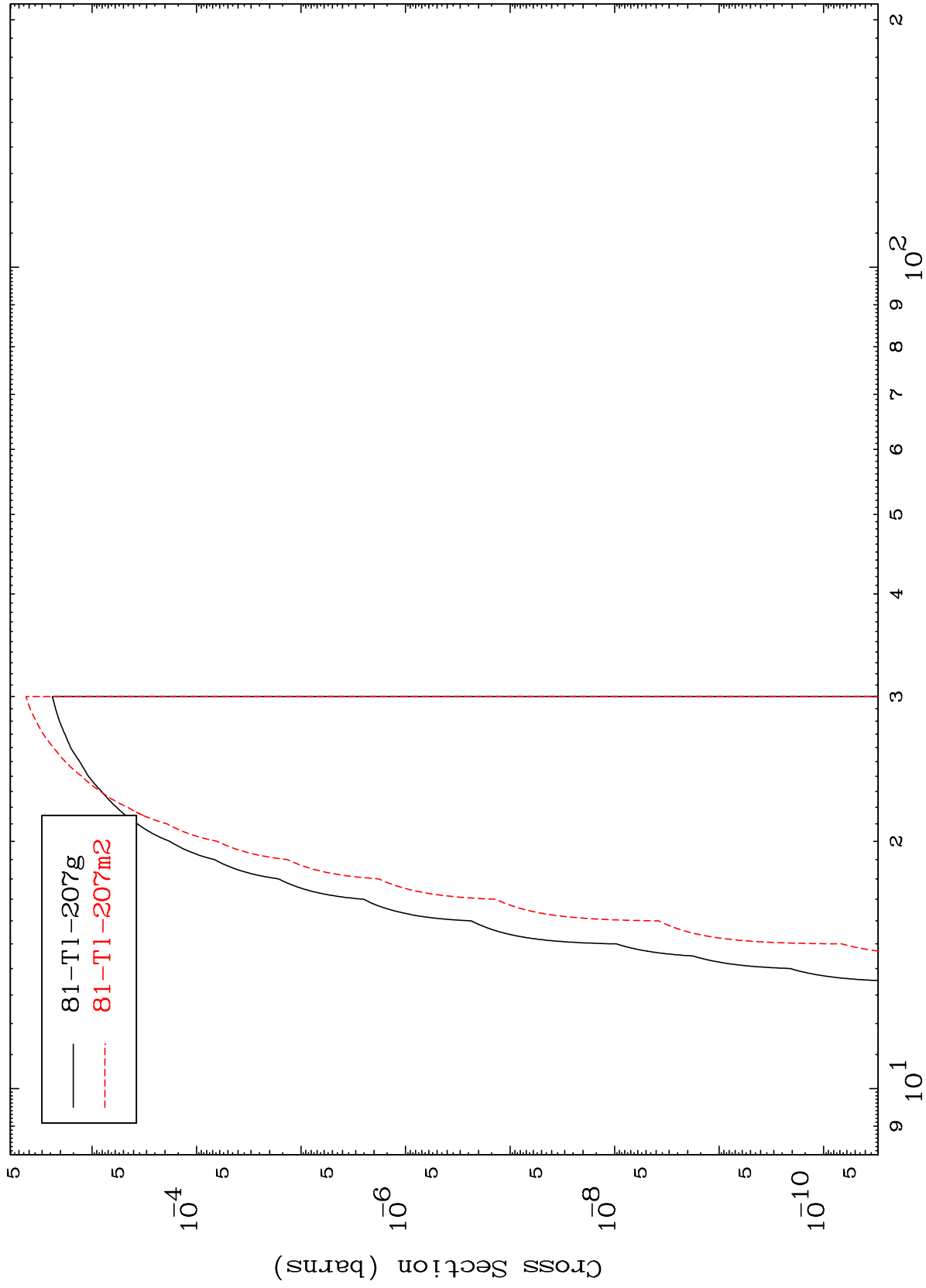
82-Pb-210

MAT 8243

(n,n') t

82-Pb-210

Radionuclide Production Cross Section



135

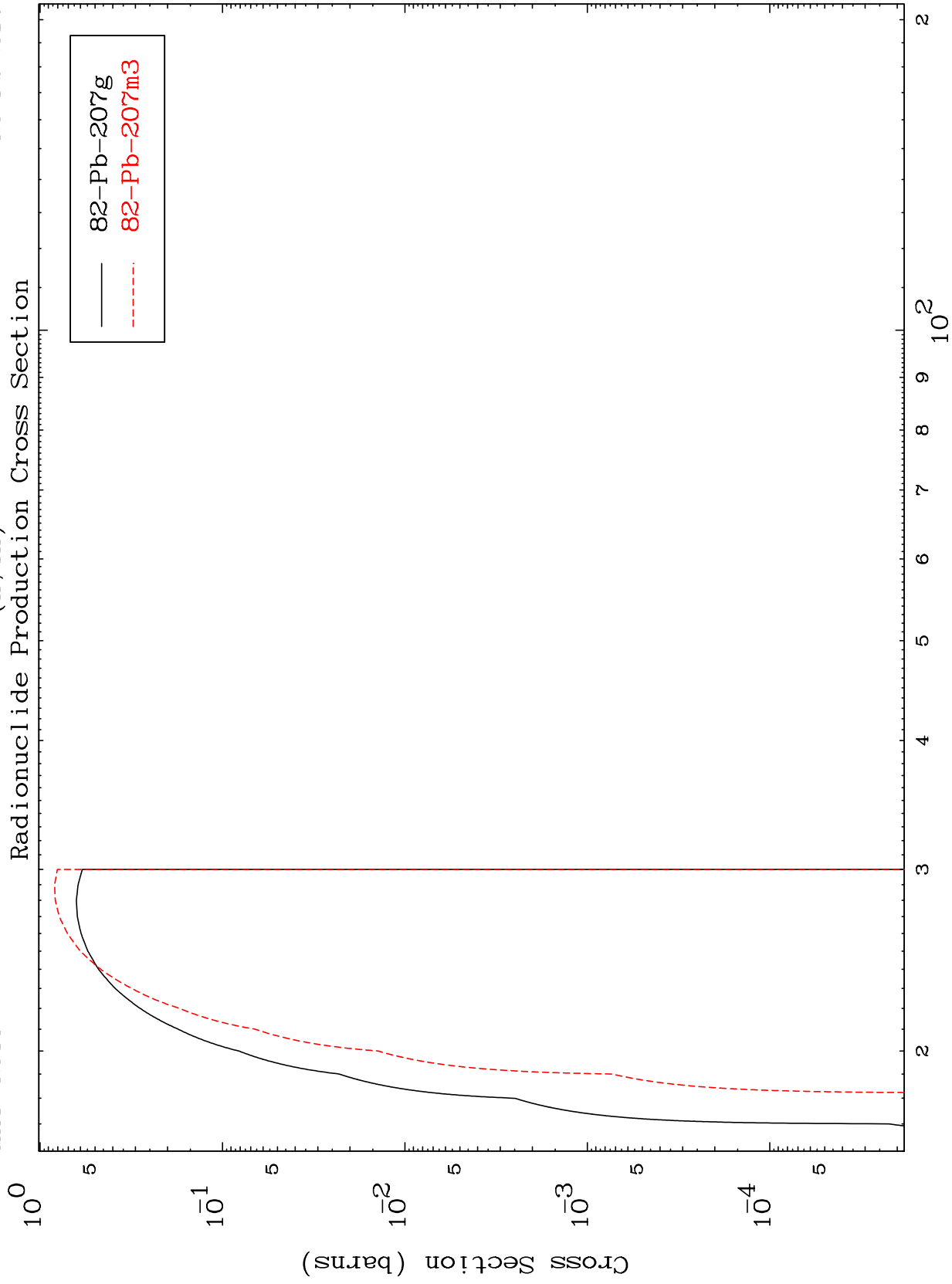
Incident Energy (MeV)

82-Pb-210

MAT 8243

82-Pb-210

(n,4n)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

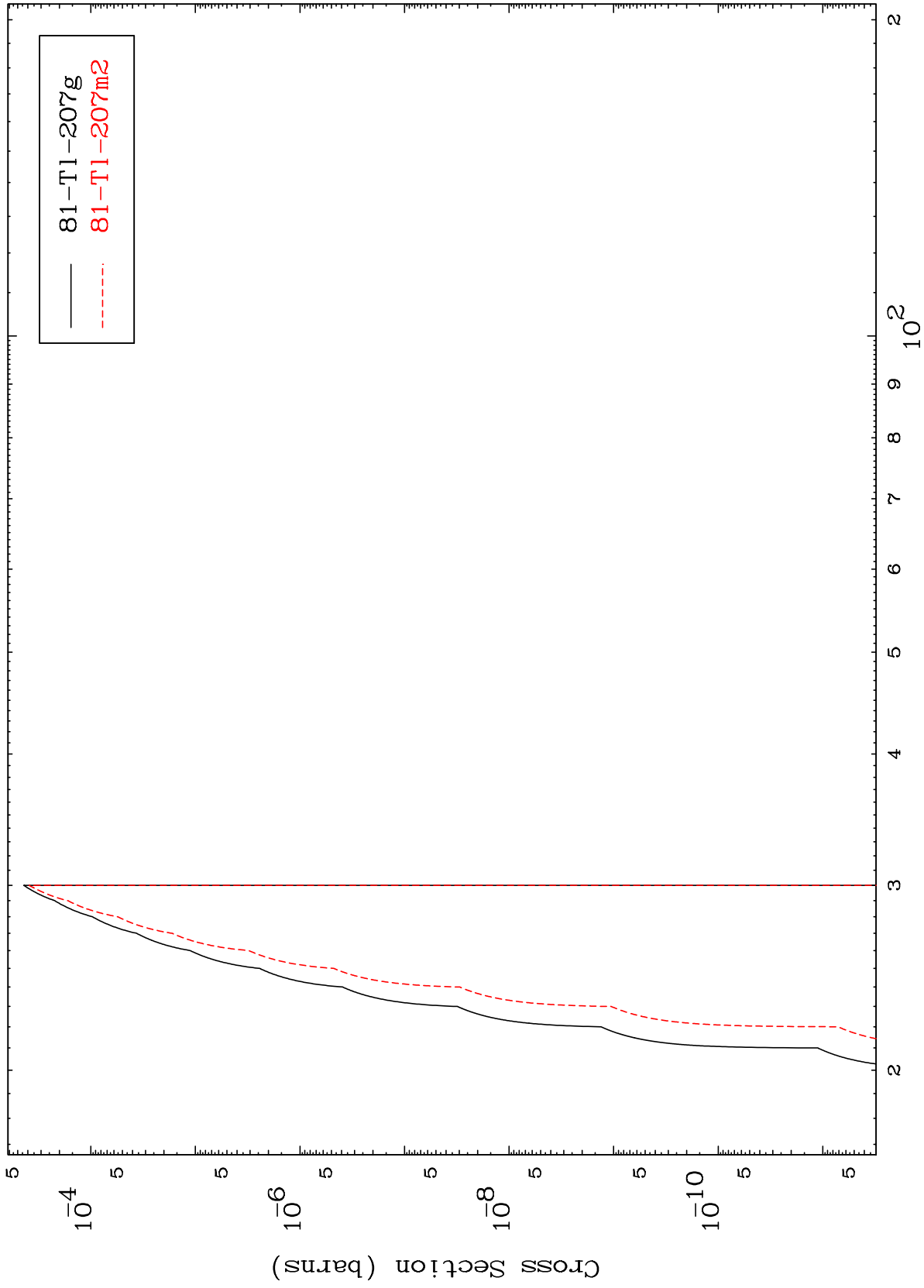
82-Pb-210

MAT 8243

(n,3n) p

82-Pb-210

Radionuclide Production Cross Section



137

Incident Energy (MeV)

82-Pb-210