

Program EVALPLOT  
(Version 2018-1)

by

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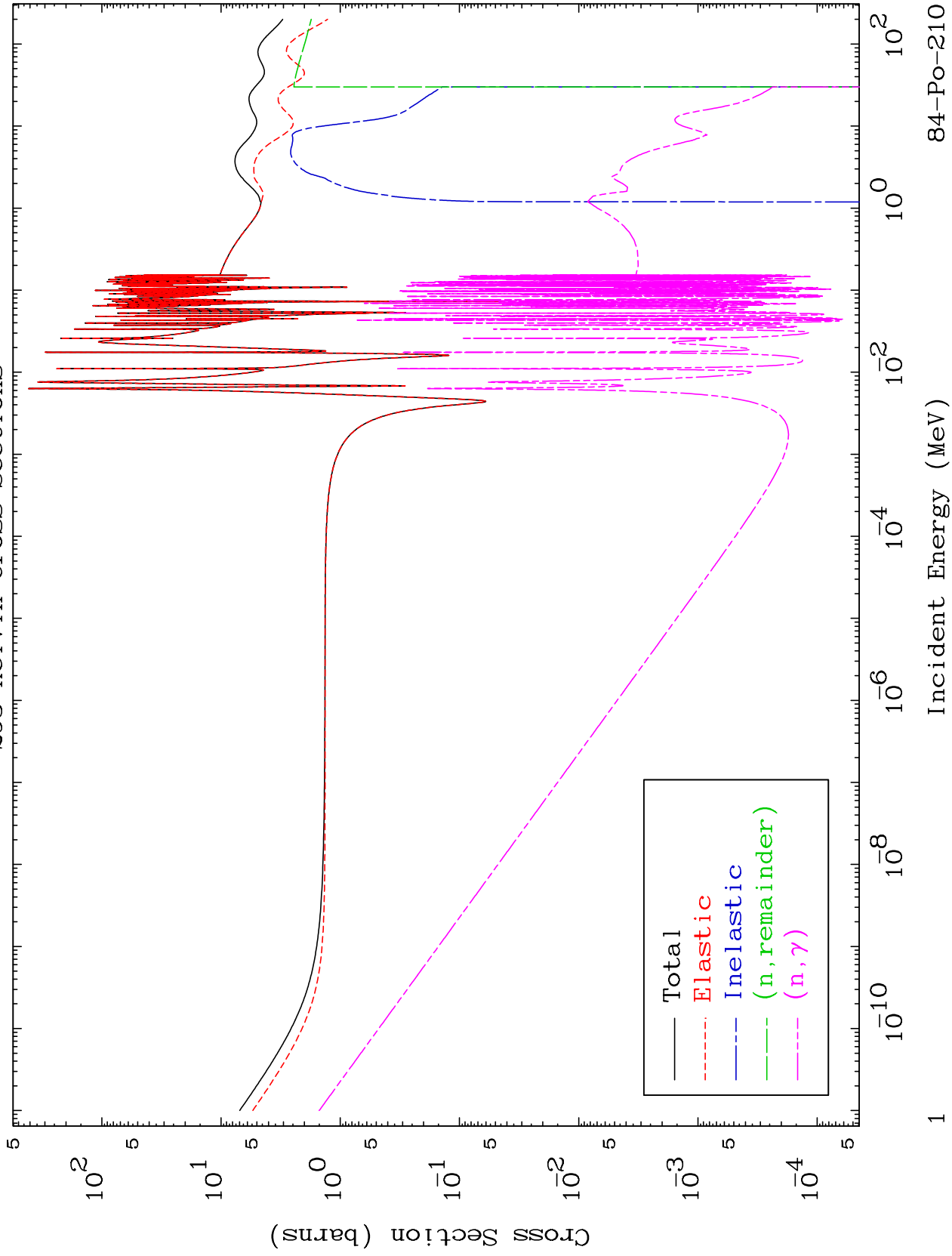
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8437

Major  
293 Kelvin Cross Sections

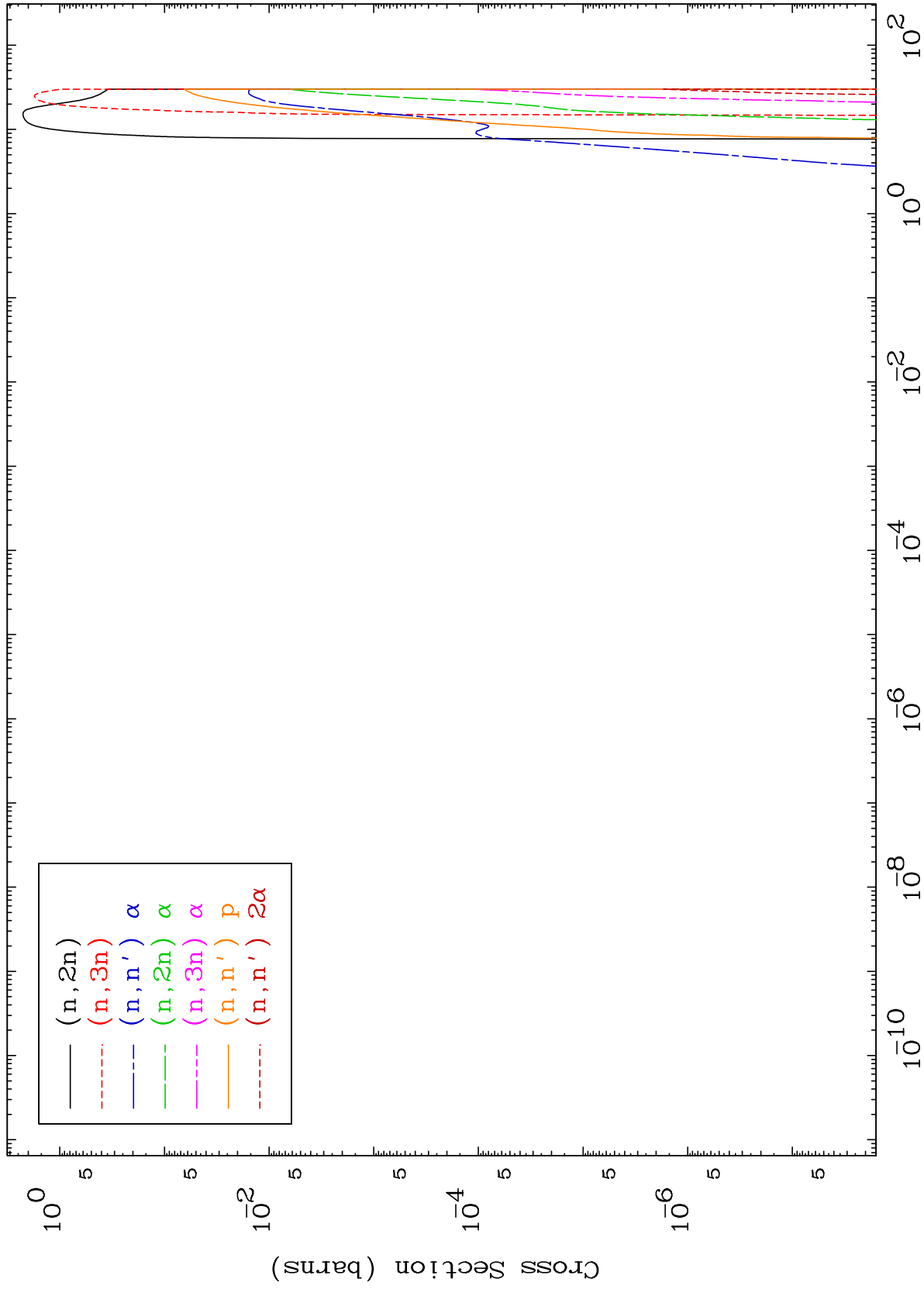
84-Po-210



MAT 8437

Neutron Production  
293 Kelvin Cross Sections

84-Po-210



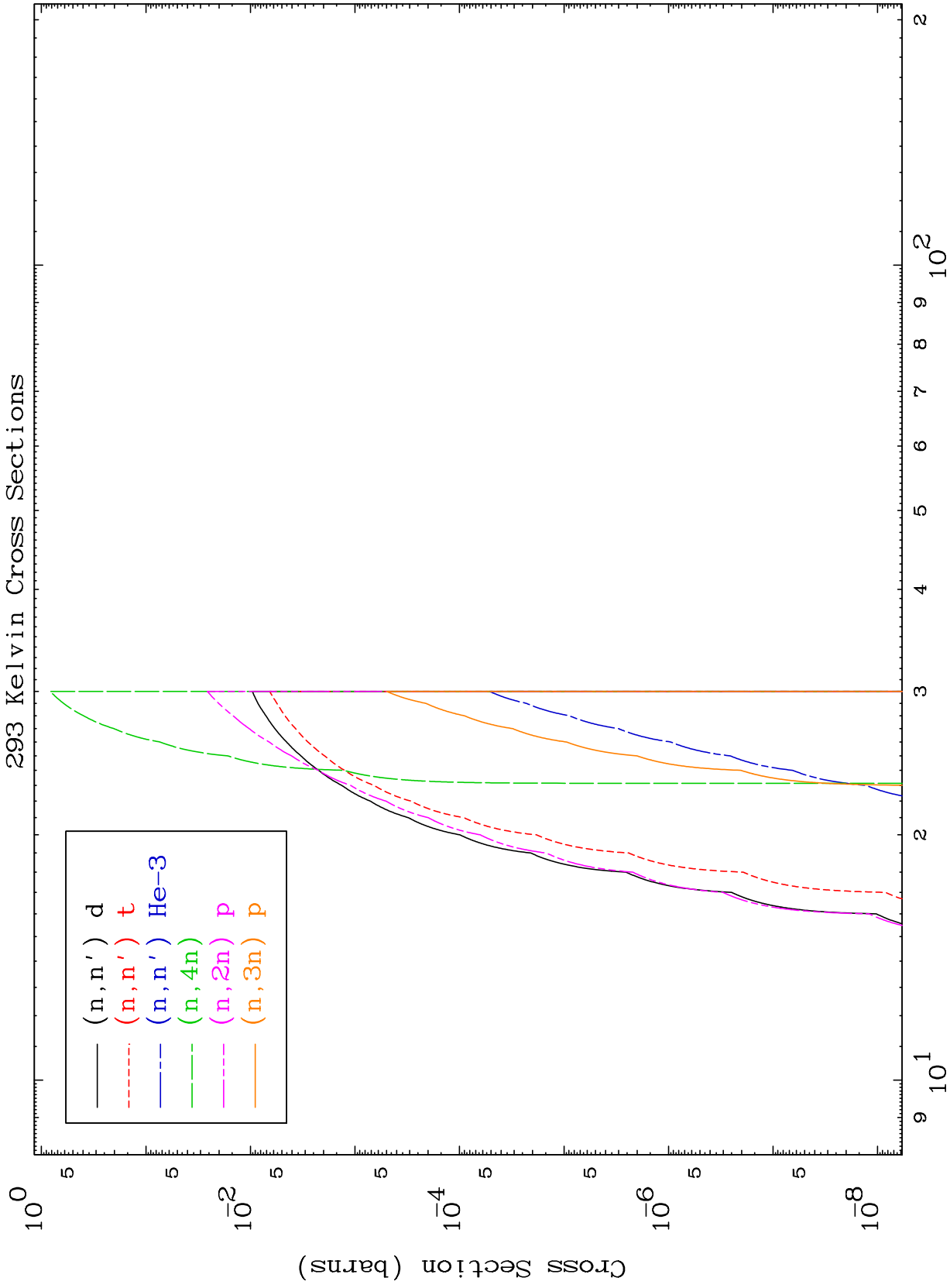
2

84-Po-210

MAT 8437

Neutron Production  
293 Kelvin Cross Sections

84-Po-210



3

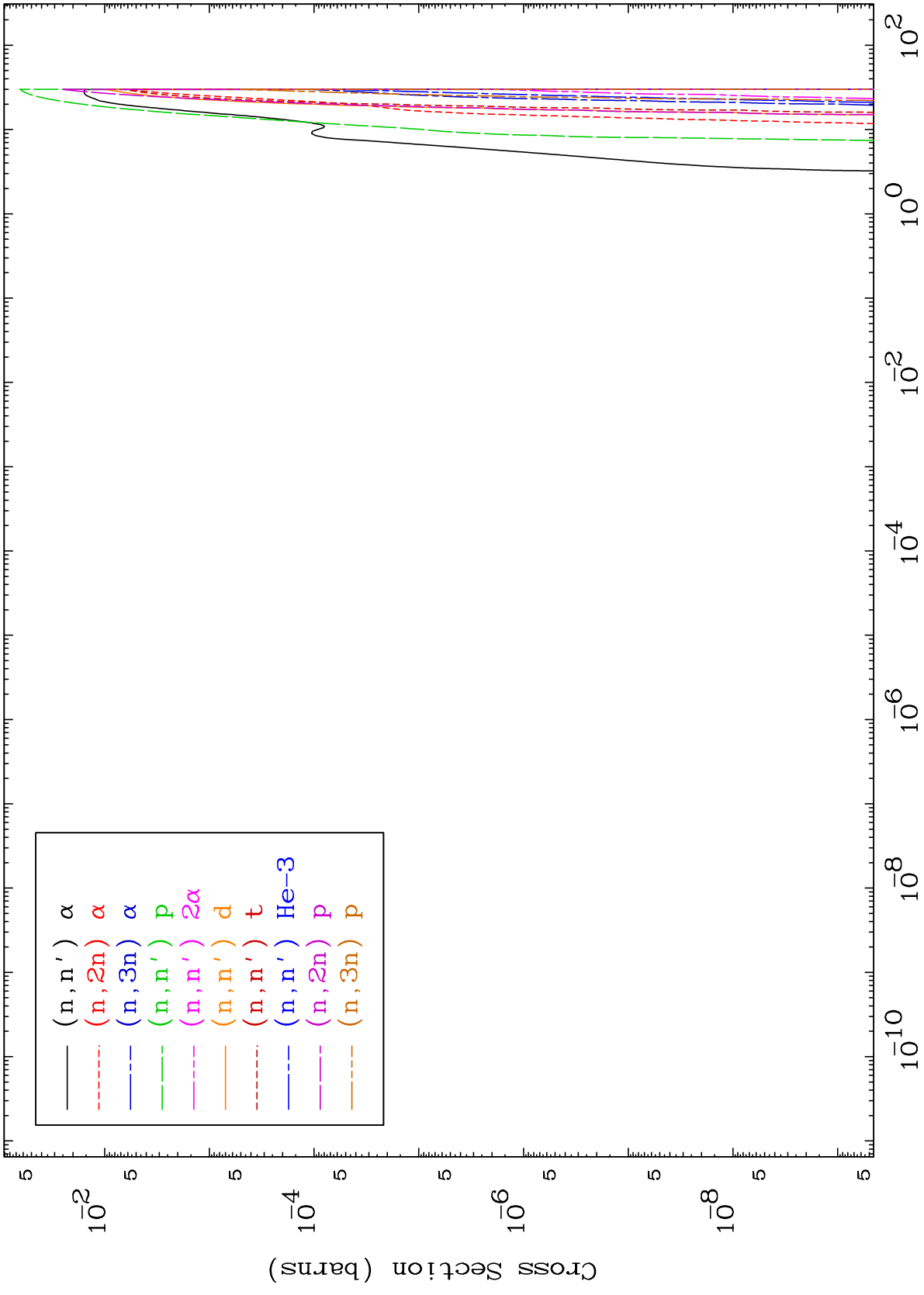
Incident Energy (MeV)

84-Po-210

MAT 8437

Charged Particle  
293 Kelvin Cross Sections

84-Po-210



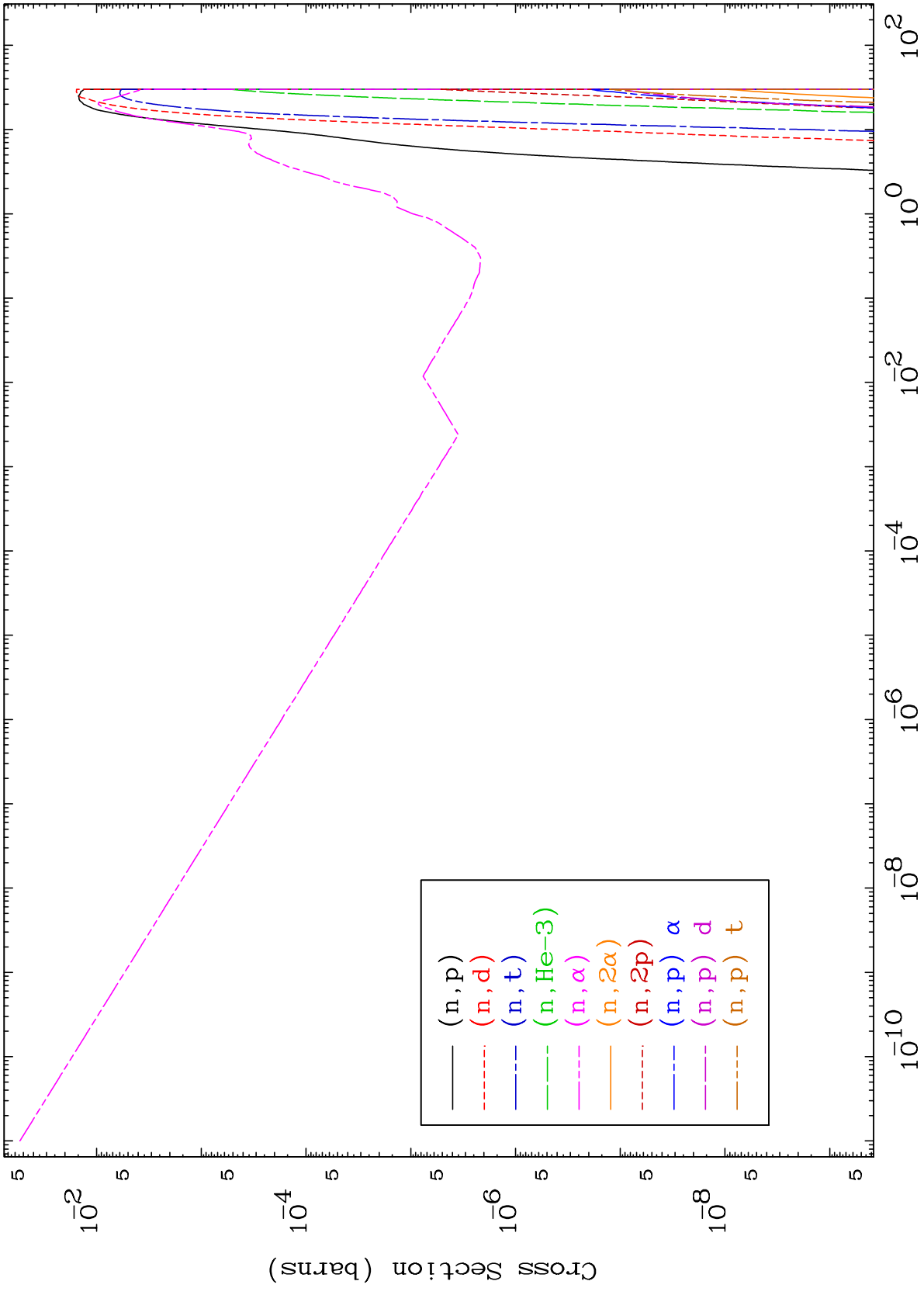
84-Po-210

Incident Energy (MeV)

MAT 8437

293 Charged Particle  
Kelvin Cross Sections

84-Po-210

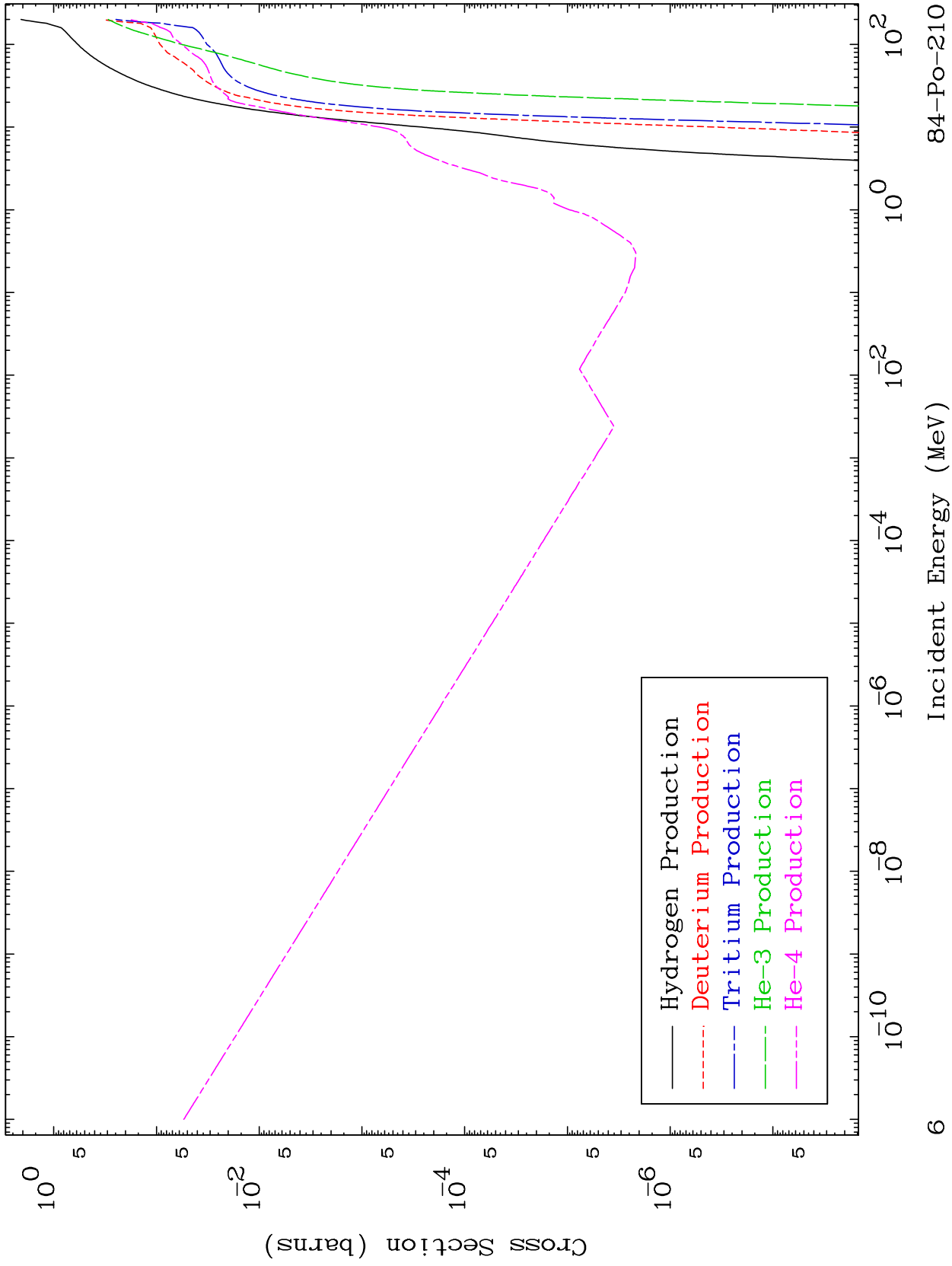


84-Po-210

MAT 8437

Particle Production  
293 Kelvin Cross Sections

84-Po-210

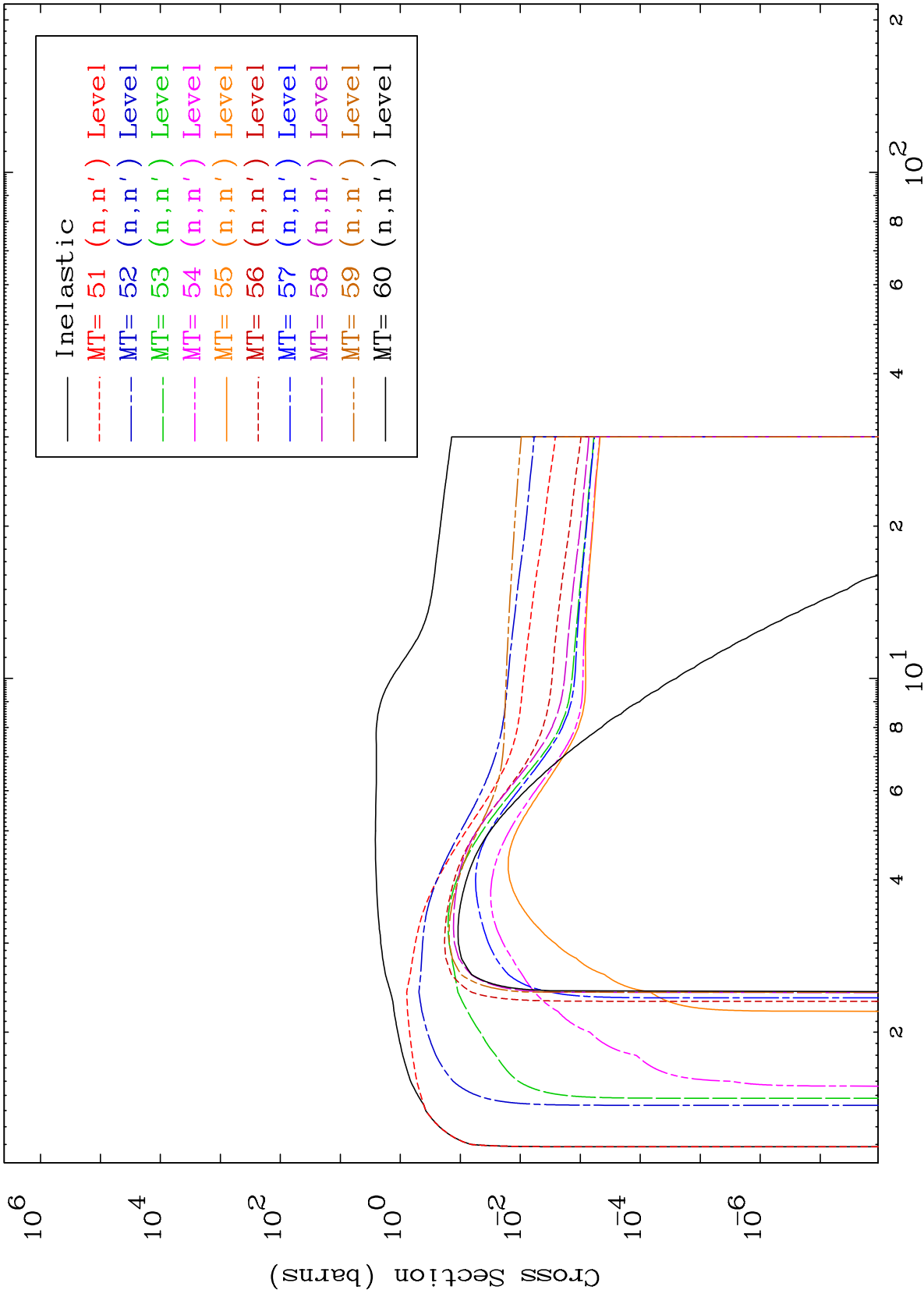


MAT 8437

(n,n') Level

84-Po-210

293 Kelvin Cross Sections



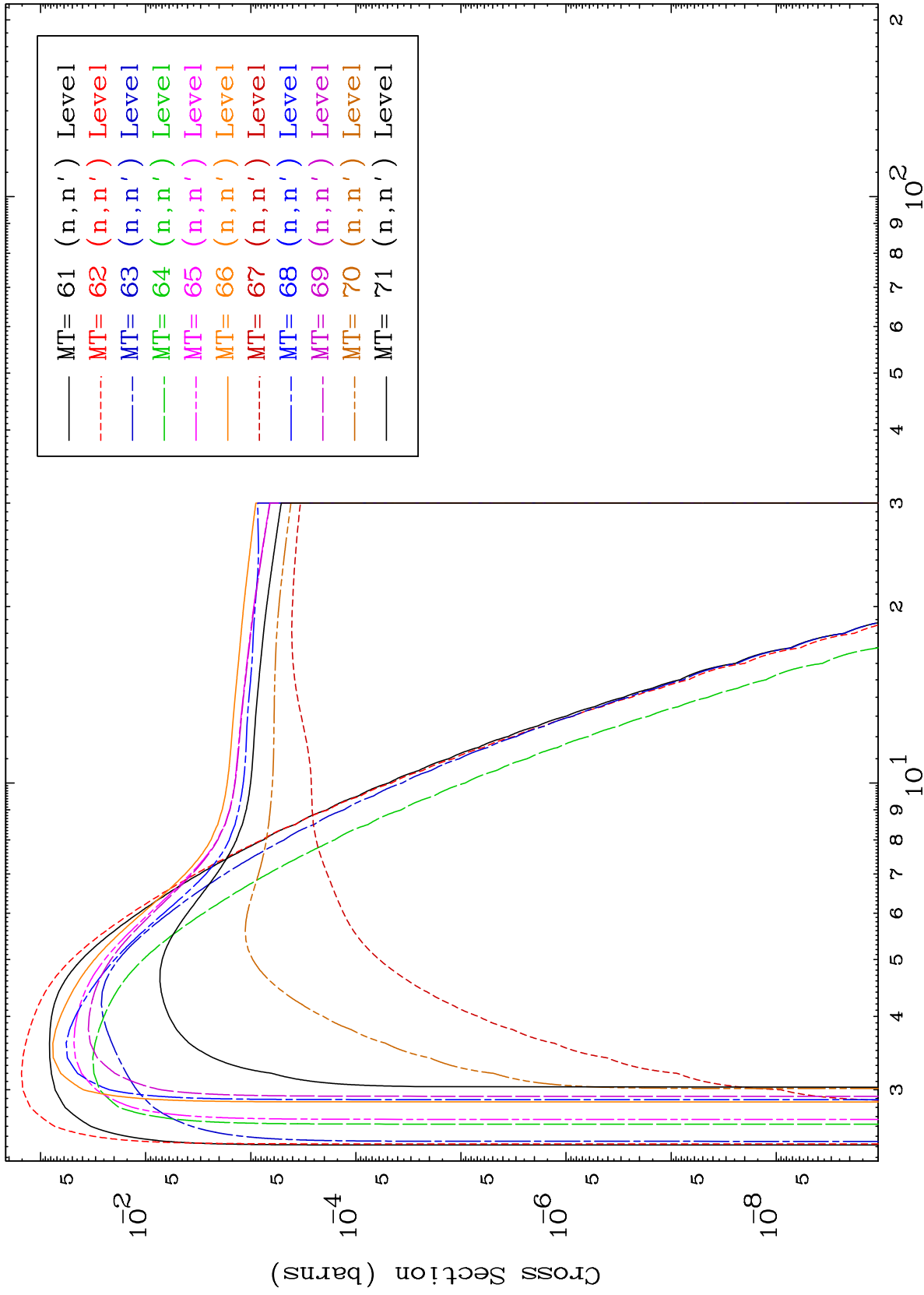


MAT 8437

(n,n') Level

84-Po-210

293 Kelvin Cross Sections



8

Incident Energy (MeV)

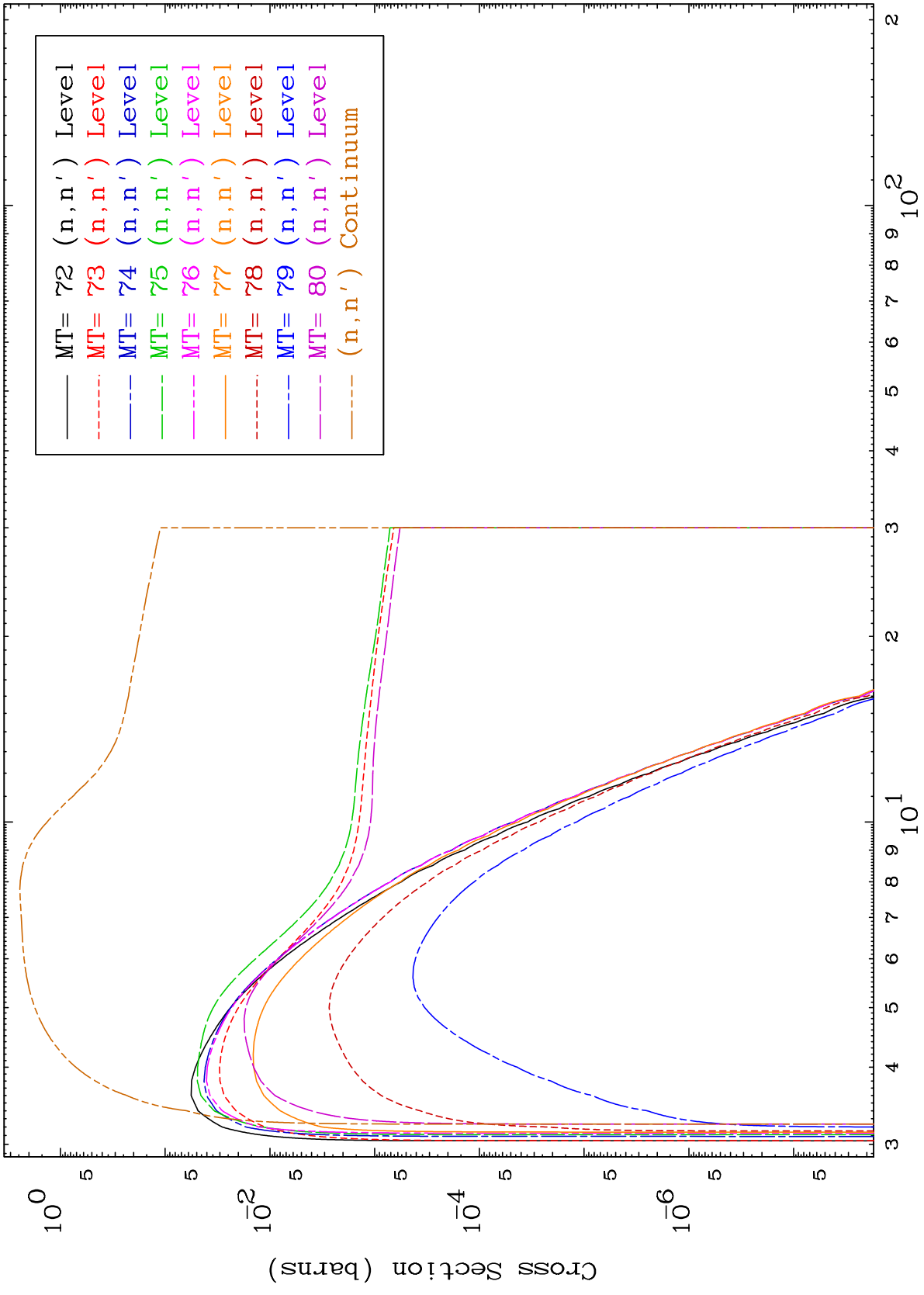
84-Po-210

MAT 8437

(n,n') Level

84-Po-210

293 Kelvin Cross Sections



9

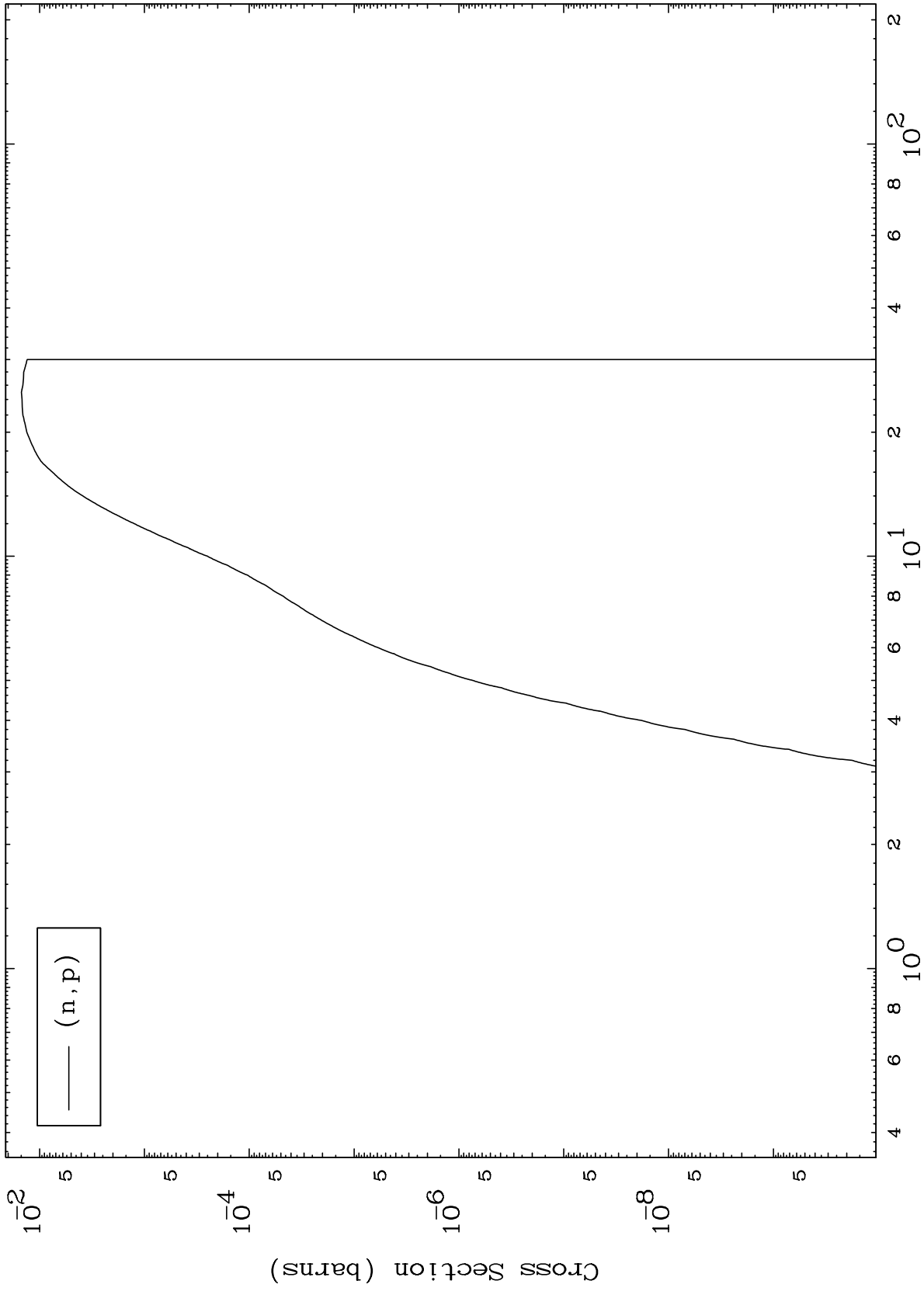
Incident Energy (MeV)

84-Po-210

MAT 8437

(n,p) Levels  
293 Kelvin Cross Sections

84-Po-210



10

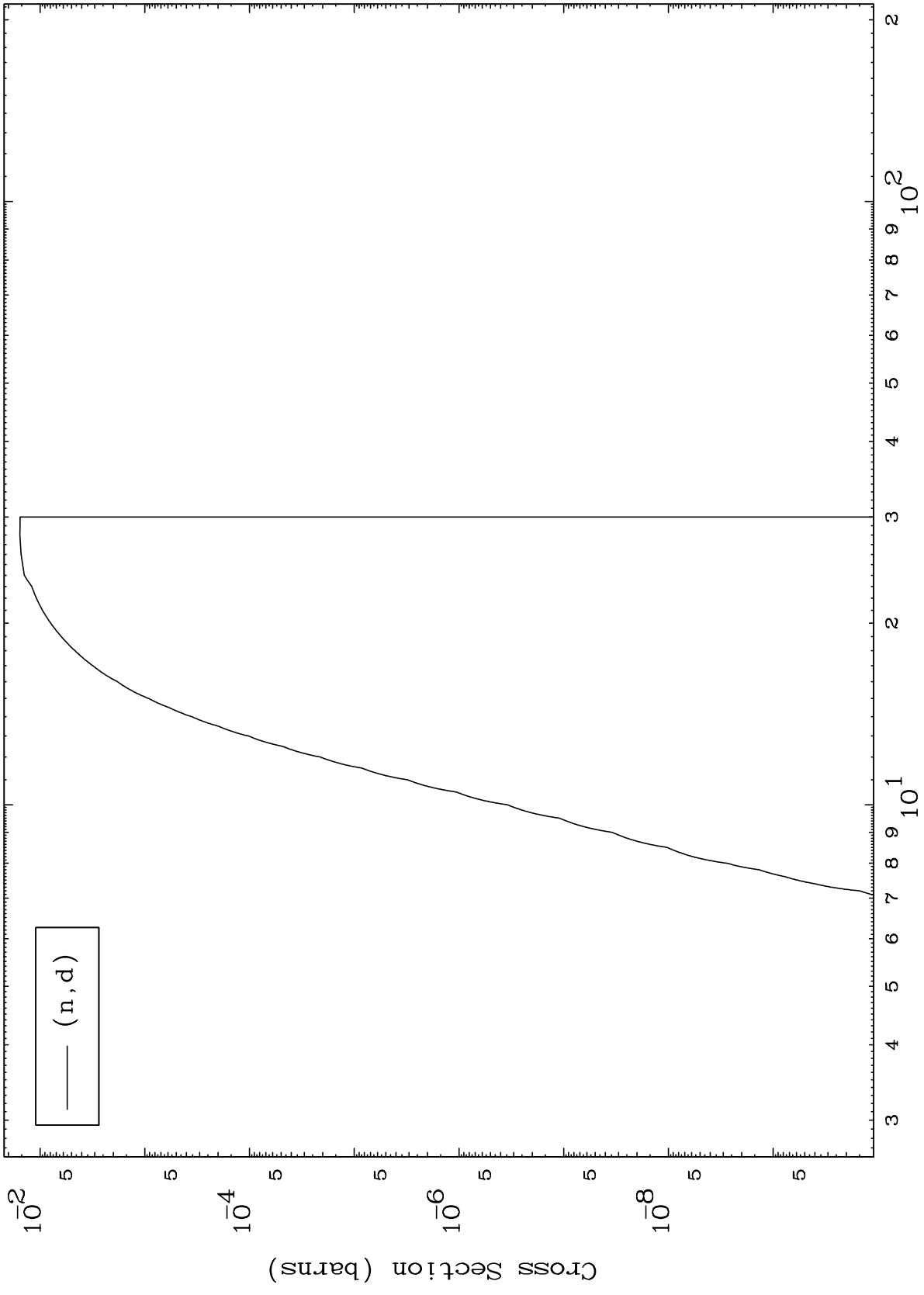
Incident Energy (MeV)

84-Po-210

MAT 8437

(n,d) Levels  
293 Kelvin Cross Sections

84-Po-210



11

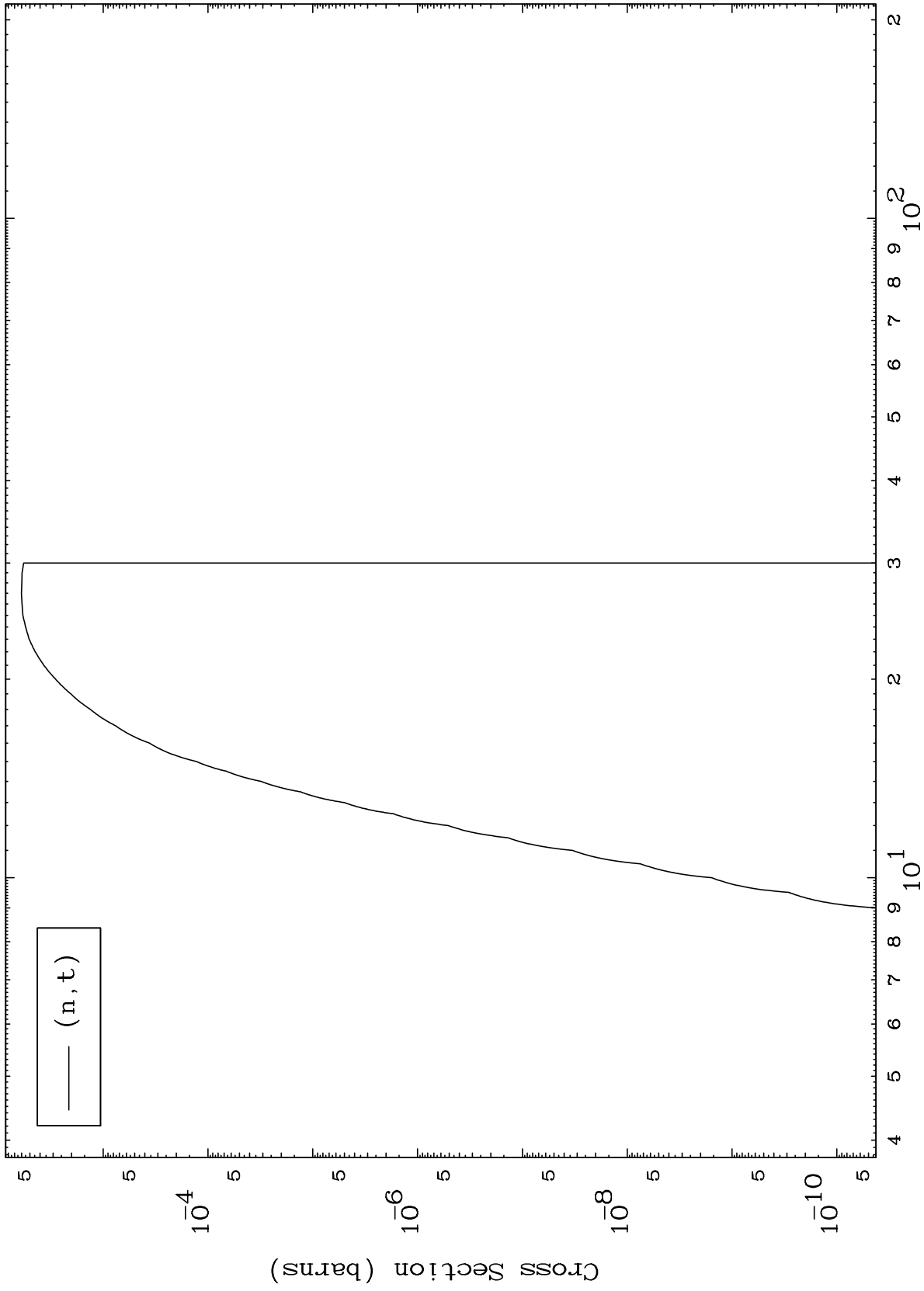
Incident Energy (MeV)

84-Po-210

MAT 8437

(n,t) Levels  
293 Kelvin Cross Sections

84-Po-210



12

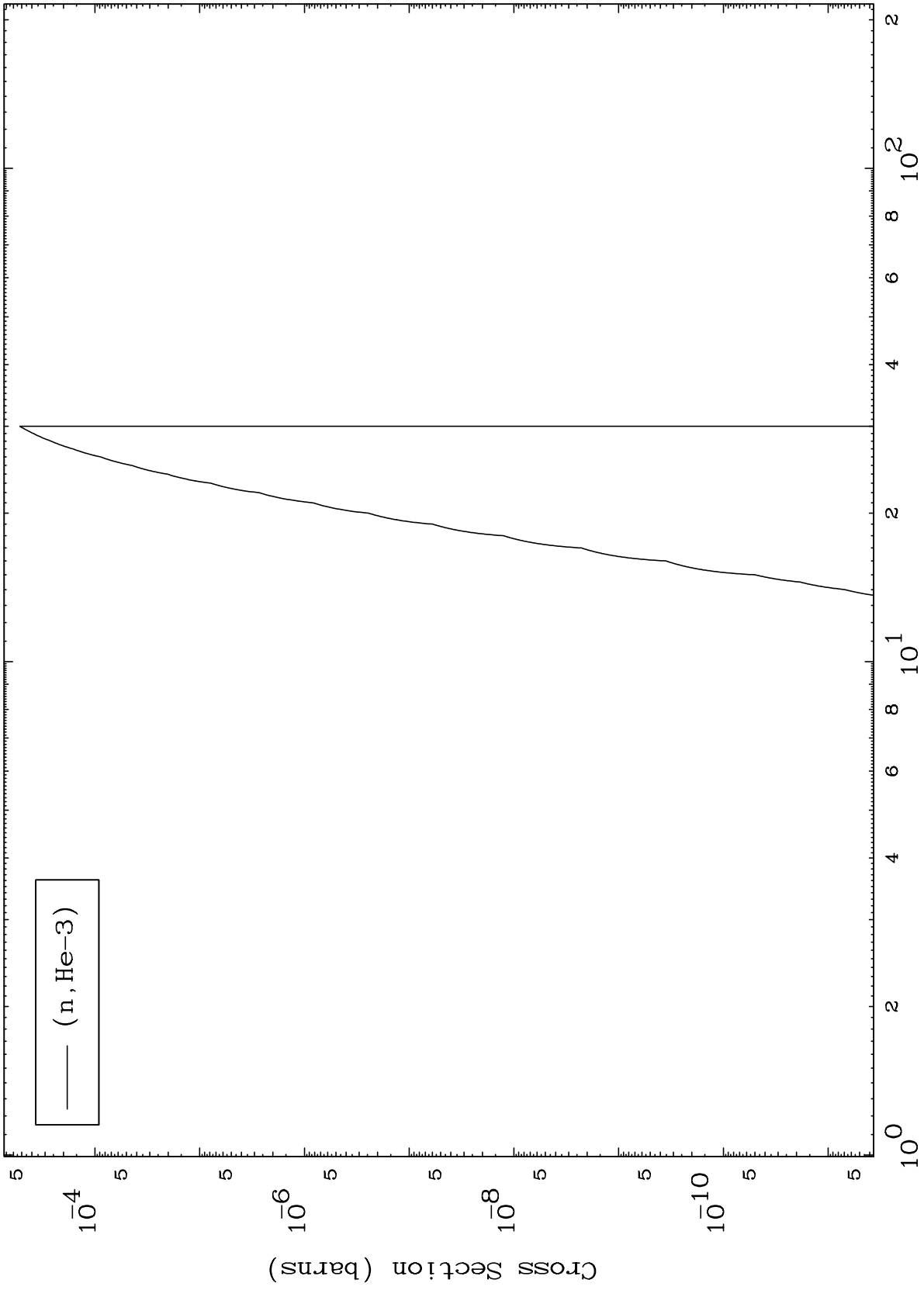
Incident Energy (MeV)

84-Po-210

MAT 8437

(n,He3) Levels  
293 Kelvin Cross Sections

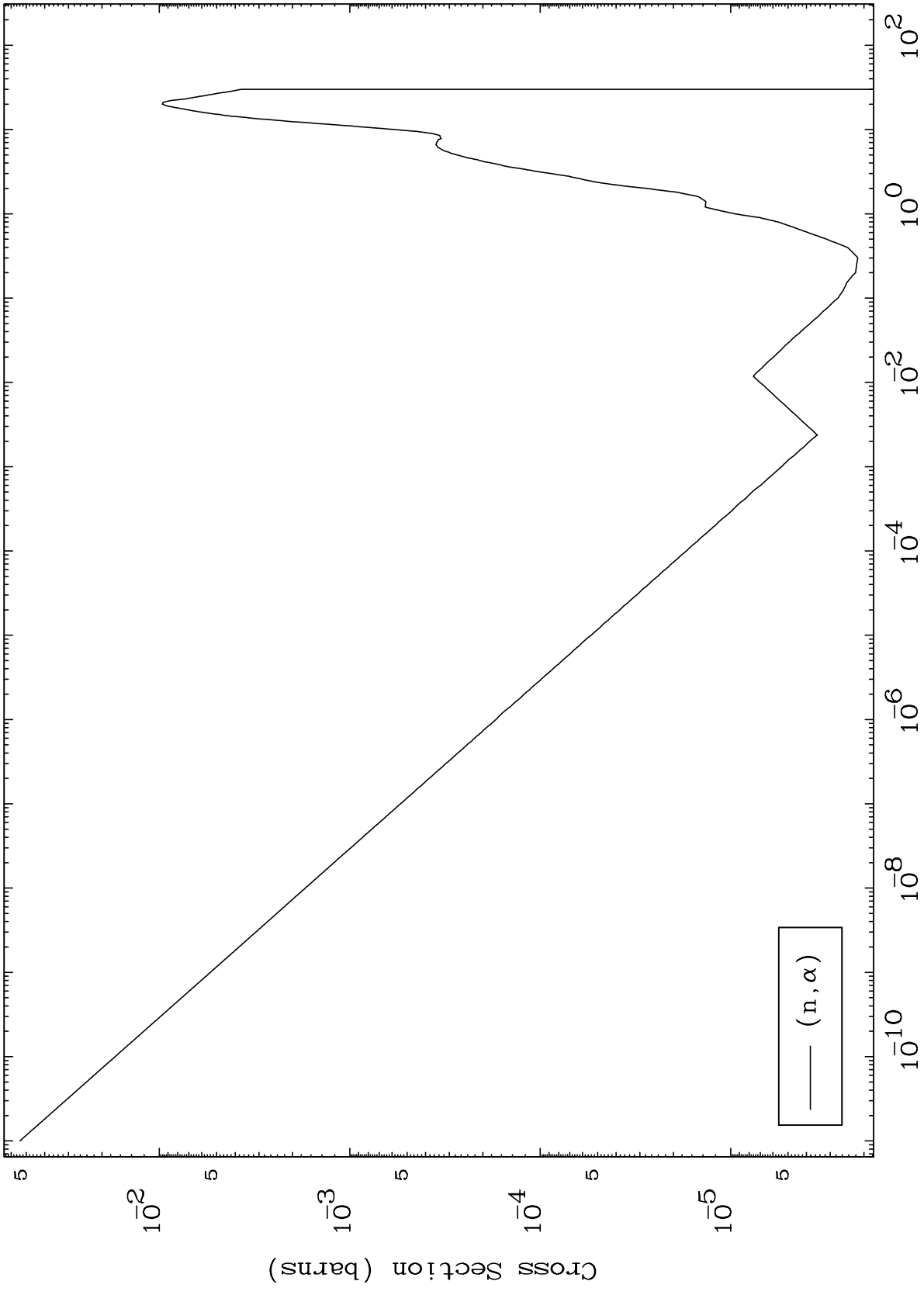
84-Po-210



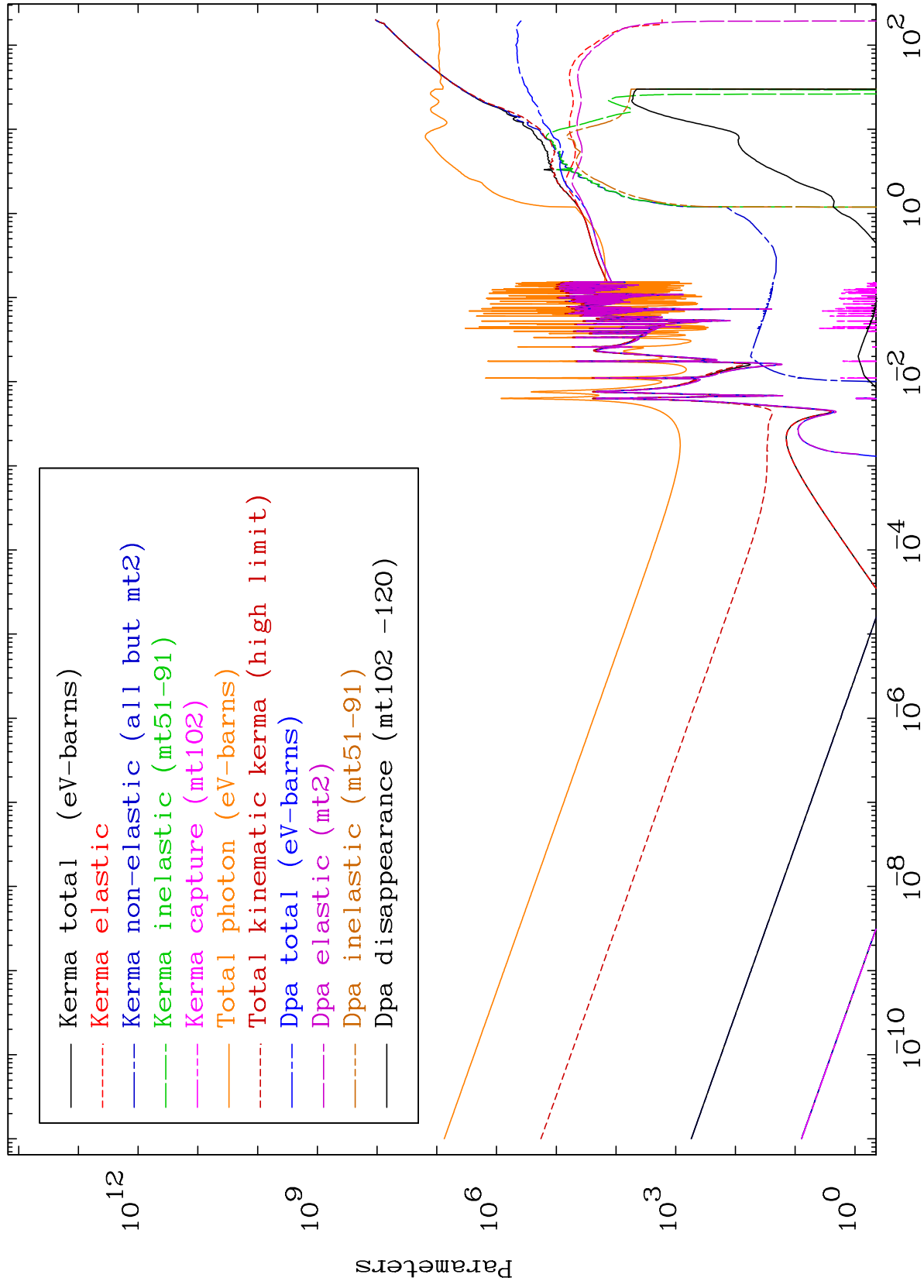
MAT 8437

293 Kelvin Cross Sections  
(n,α) Levels

84-Po-210



— (n,α)

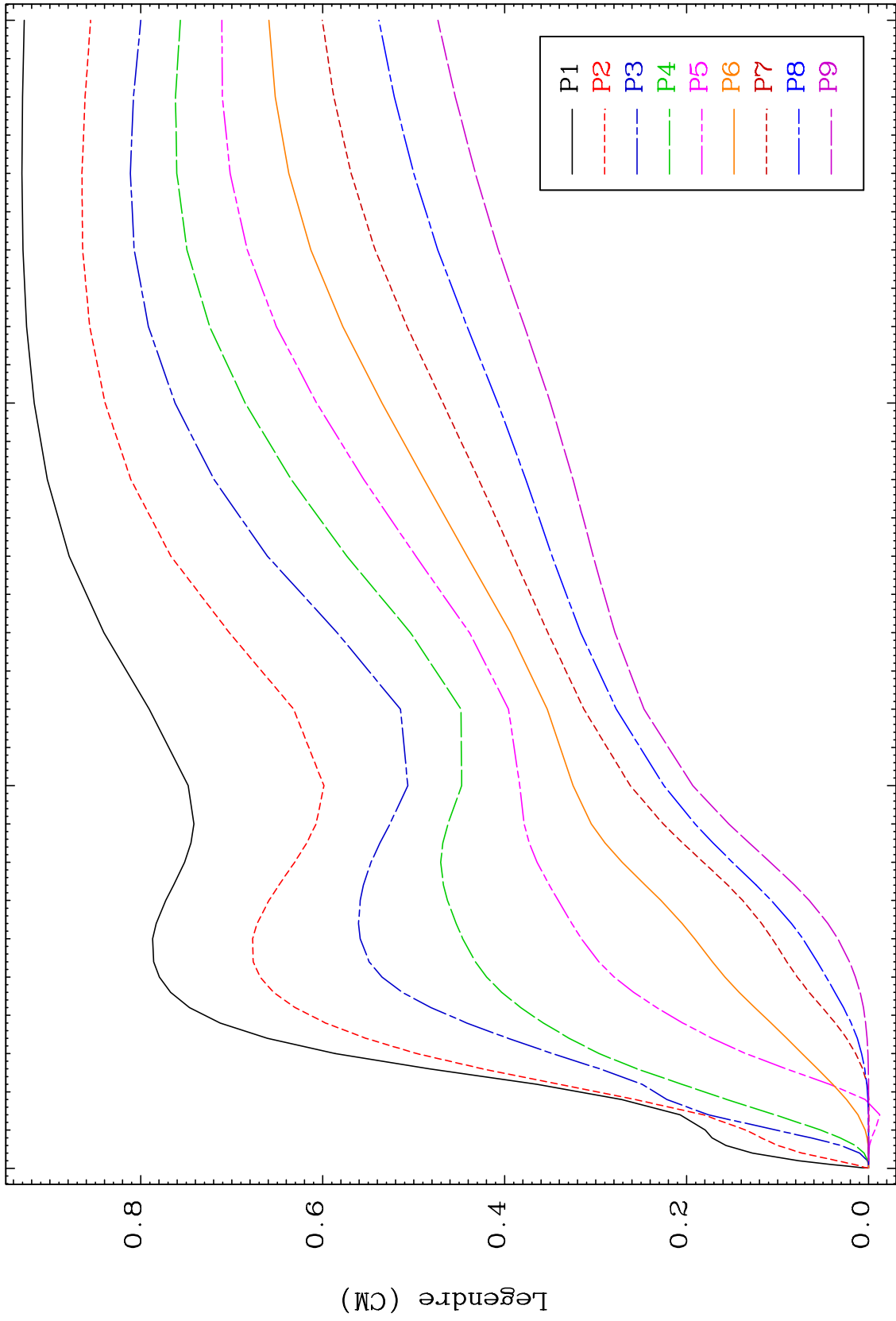




MAT 8437

Elastic Legendre Coefficients

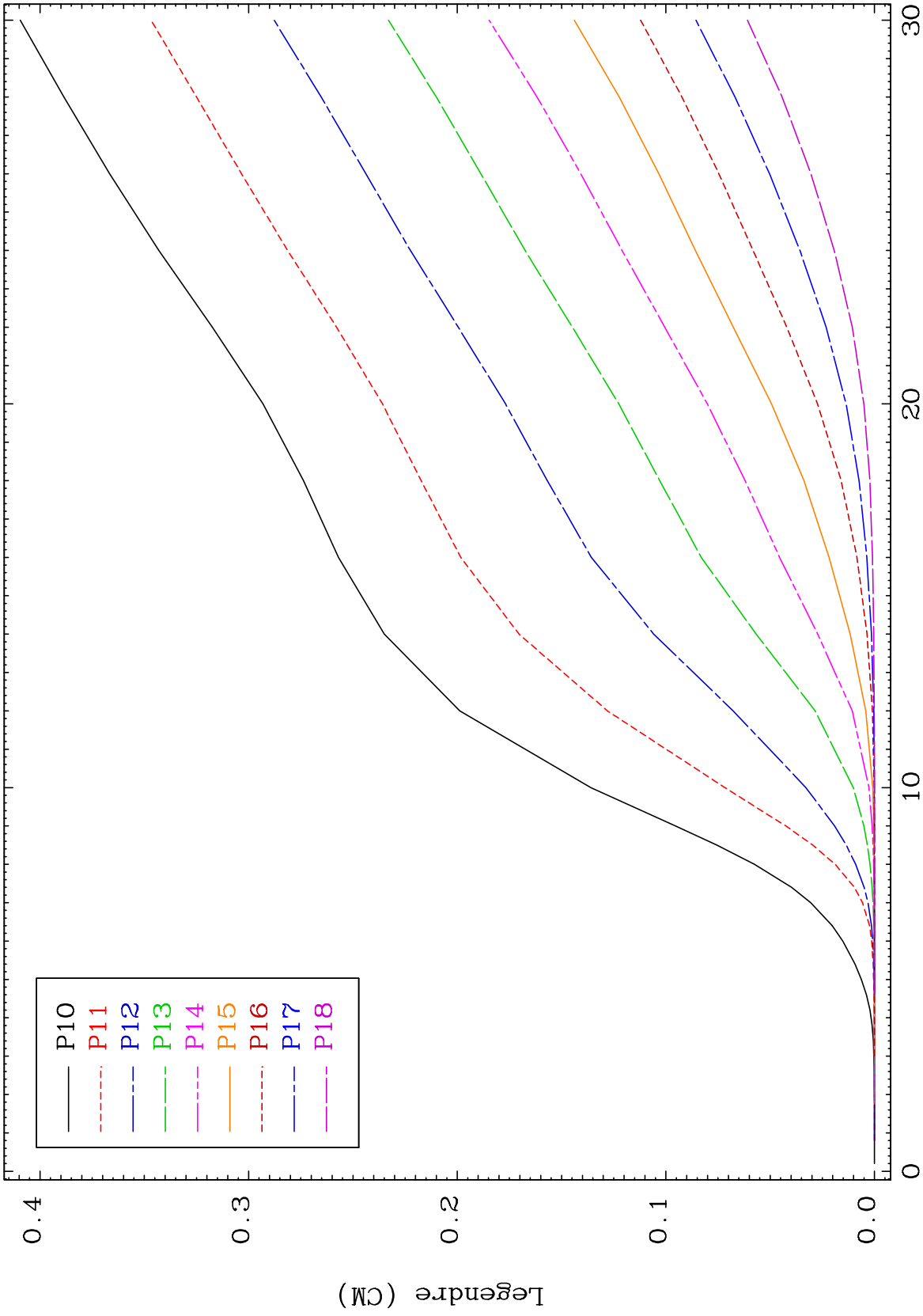
84-Po-210



MAT 8437

Elastic Legendre Coefficients

84-Po-210



17

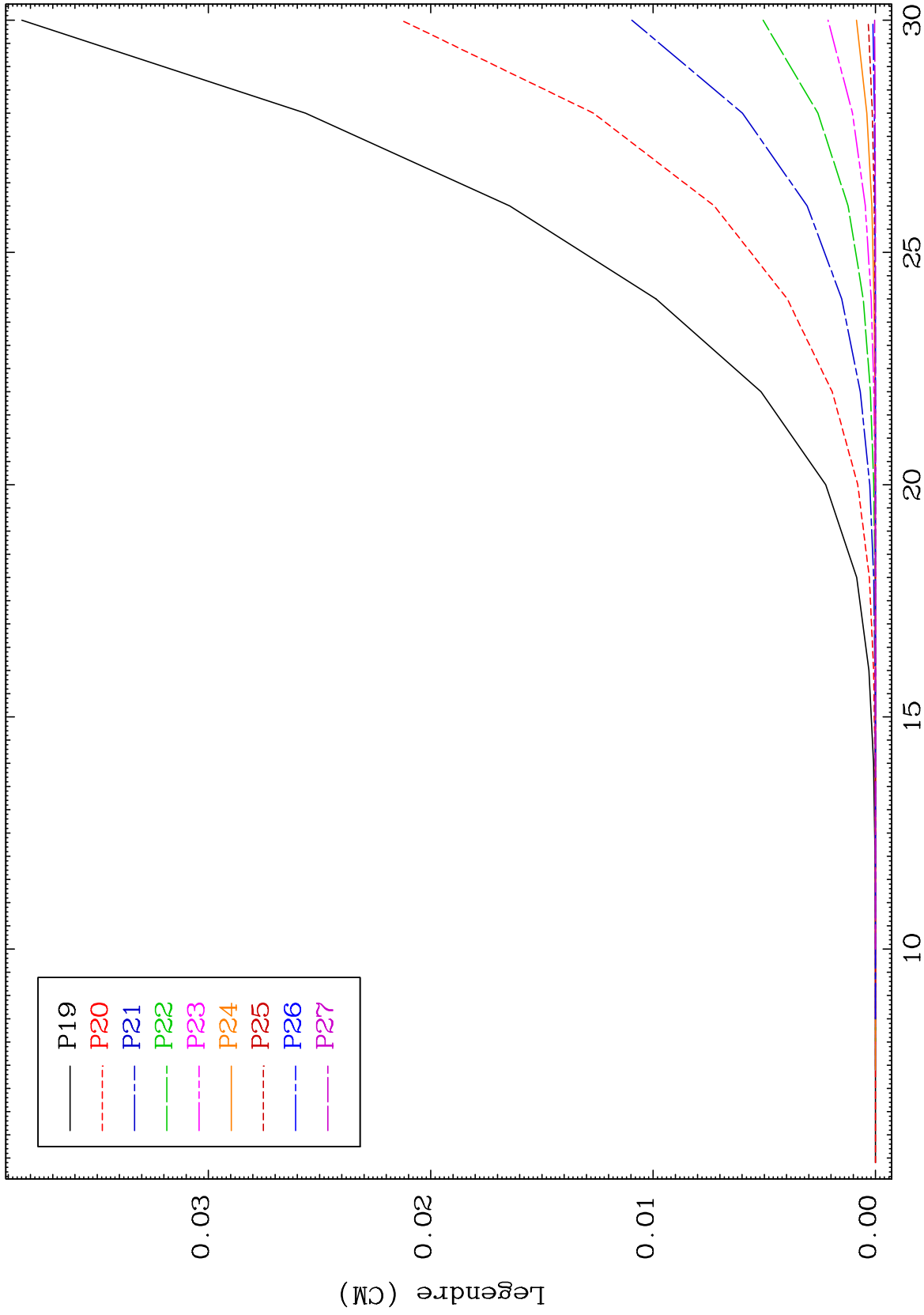
Incident Energy (MeV)

84-Po-210

MAT 8437

Elastic Legendre Coefficients

84-Po-210



18

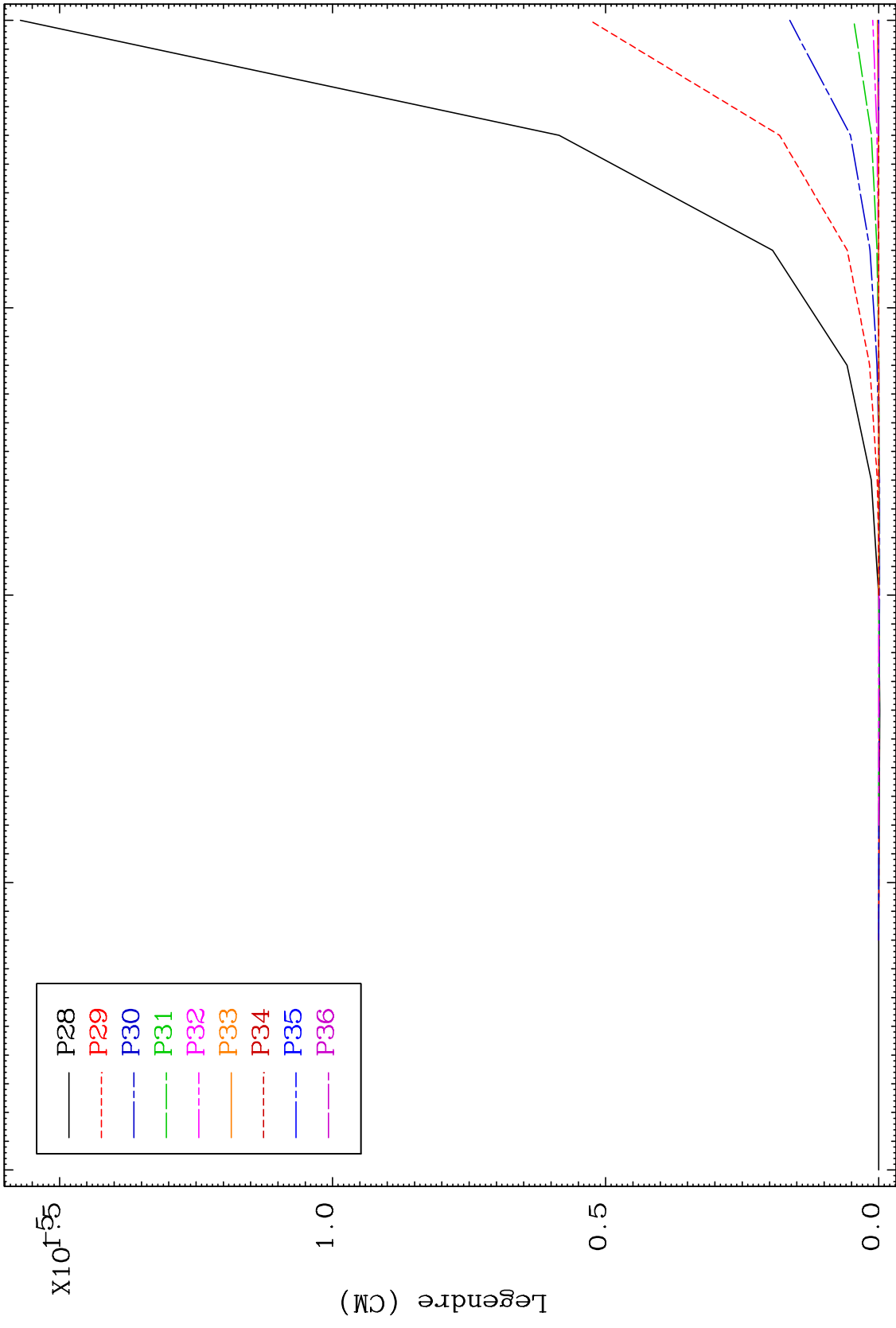
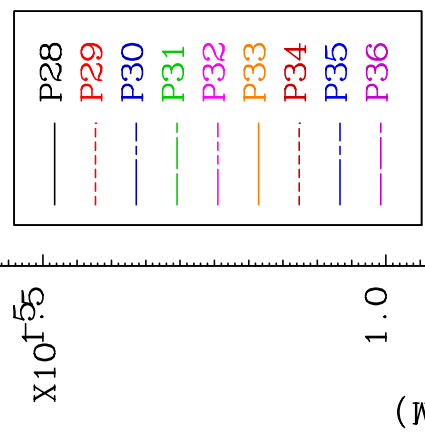
Incident Energy (MeV)

84-Po-210

MAT 8437

Elastic Legendre Coefficients

84-Po-210



19

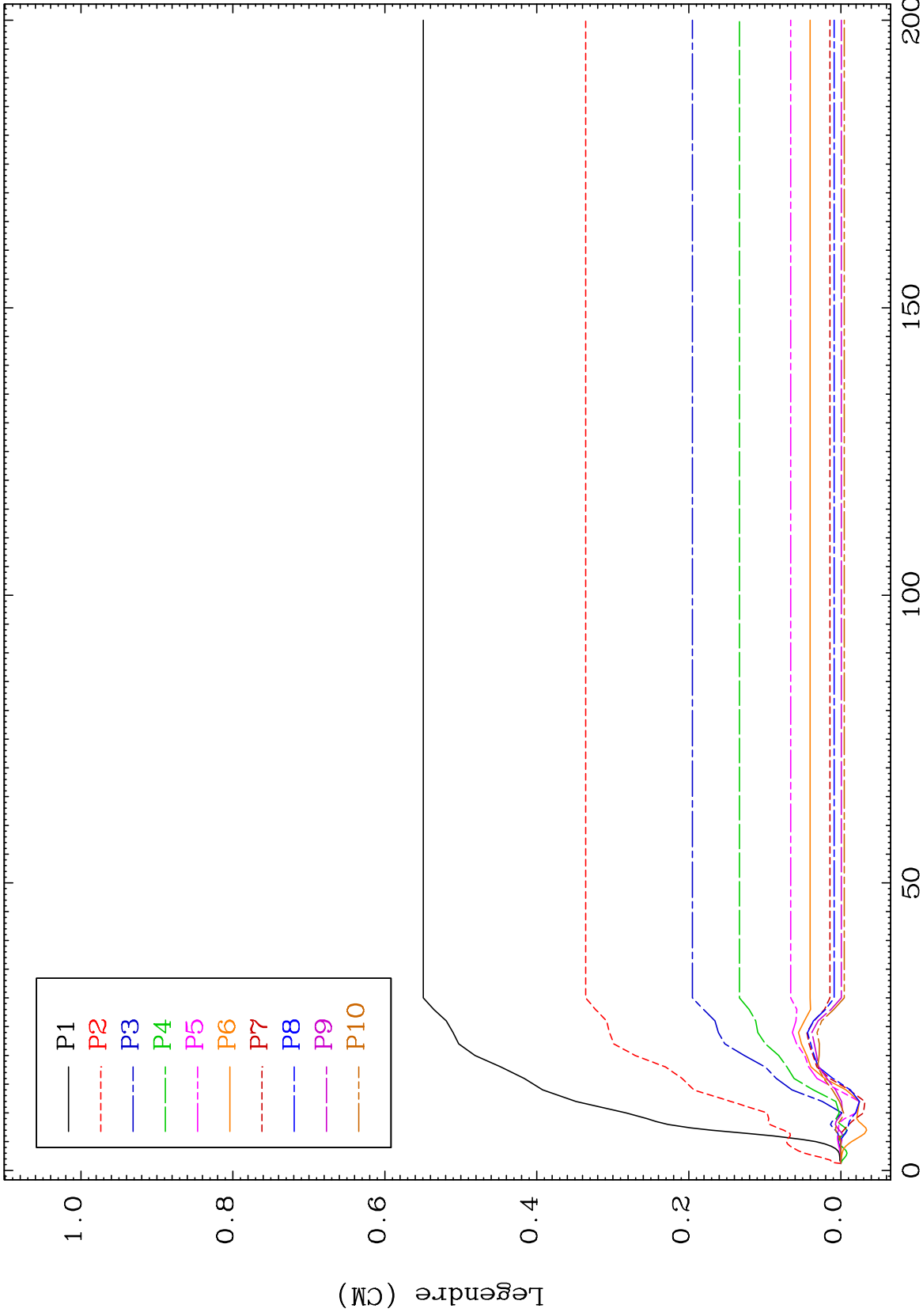
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



0

50

100

150

200

Incident Energy (MeV)

84-Po-210

Legendre (CM)

1.0

0.8

0.6

0.4

0.2

0.0

P1

P2

P3

P4

P5

P6

P7

P8

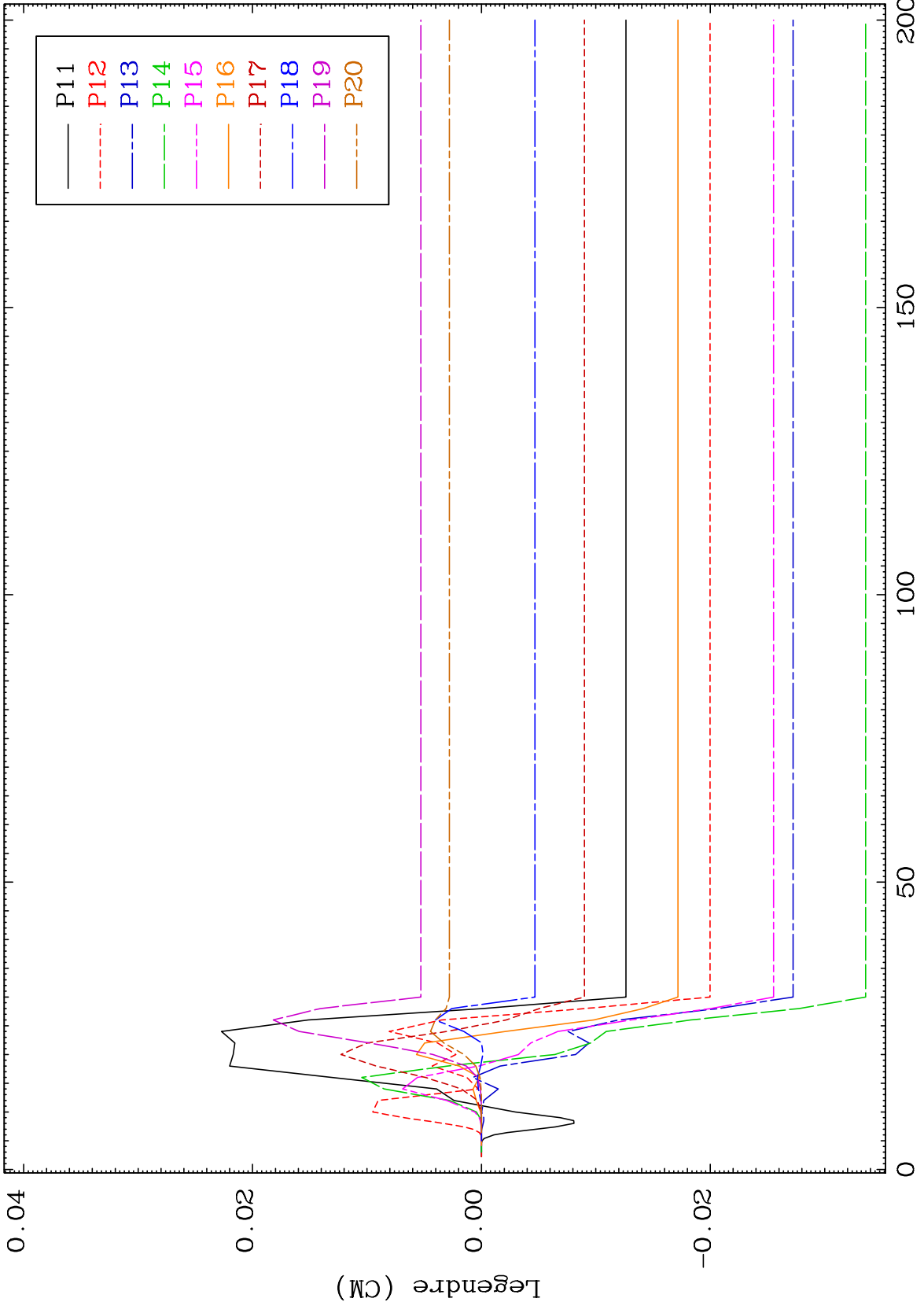
P9

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MAT 8437

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

84-Po-210



21

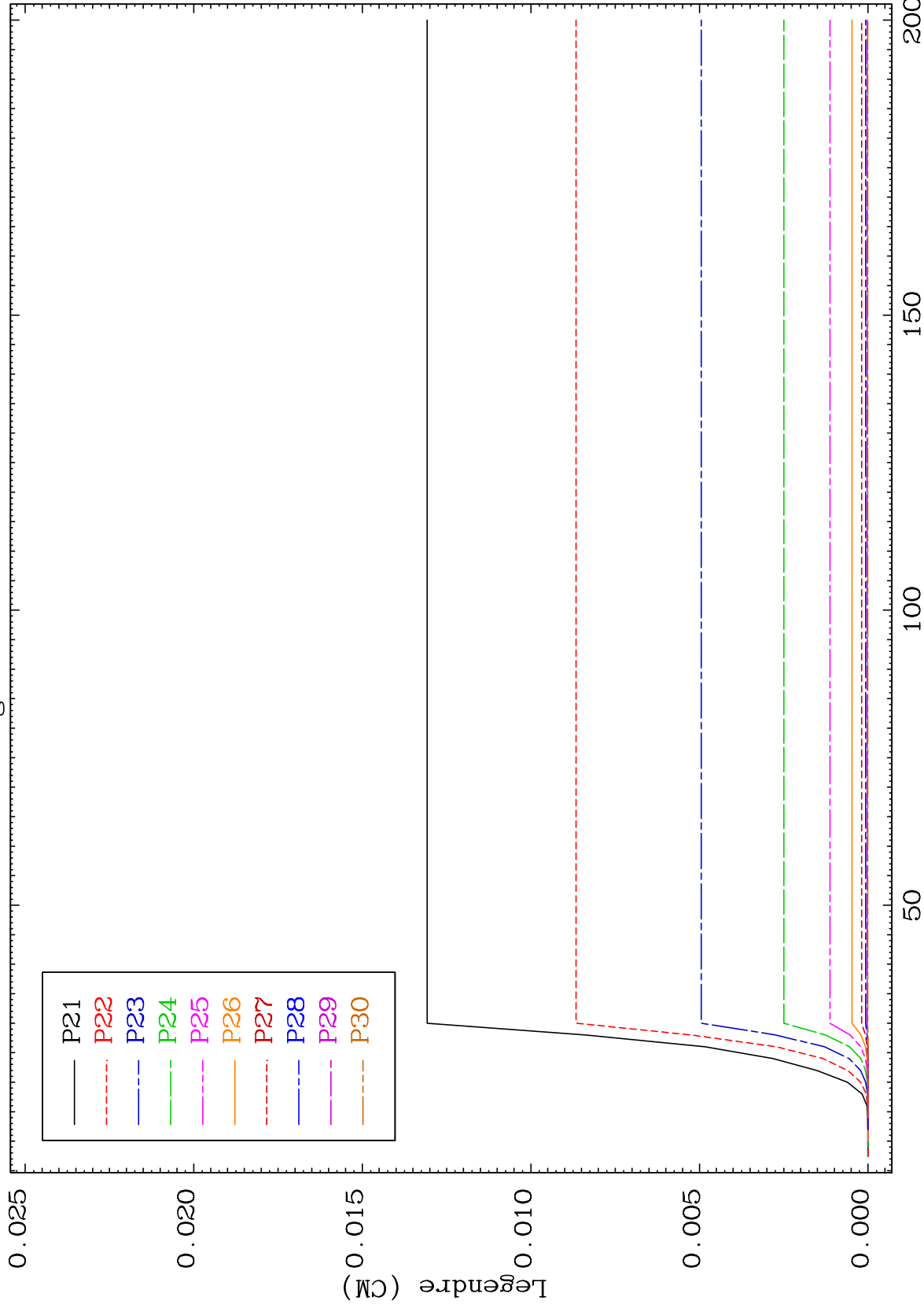
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



22

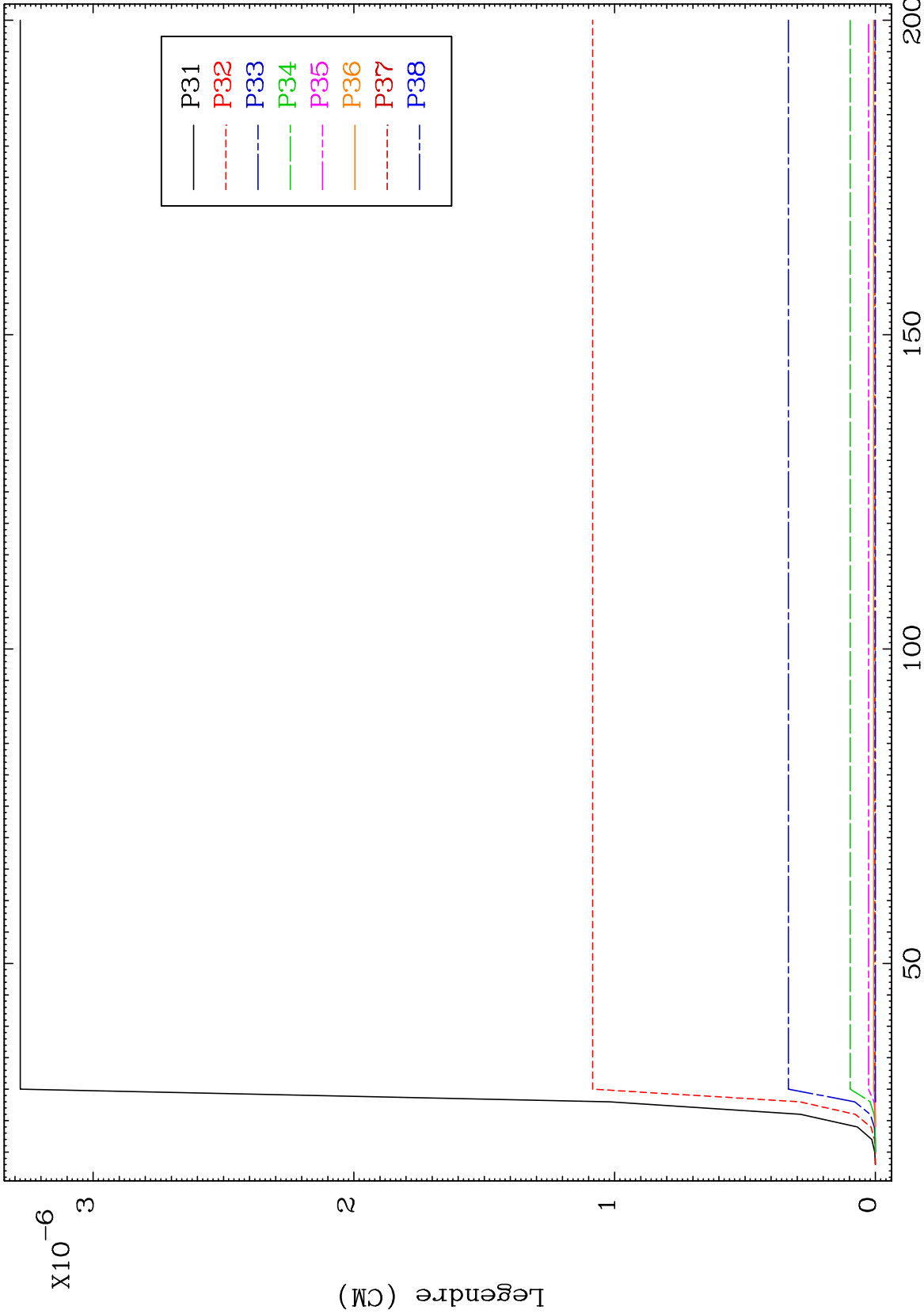
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



23

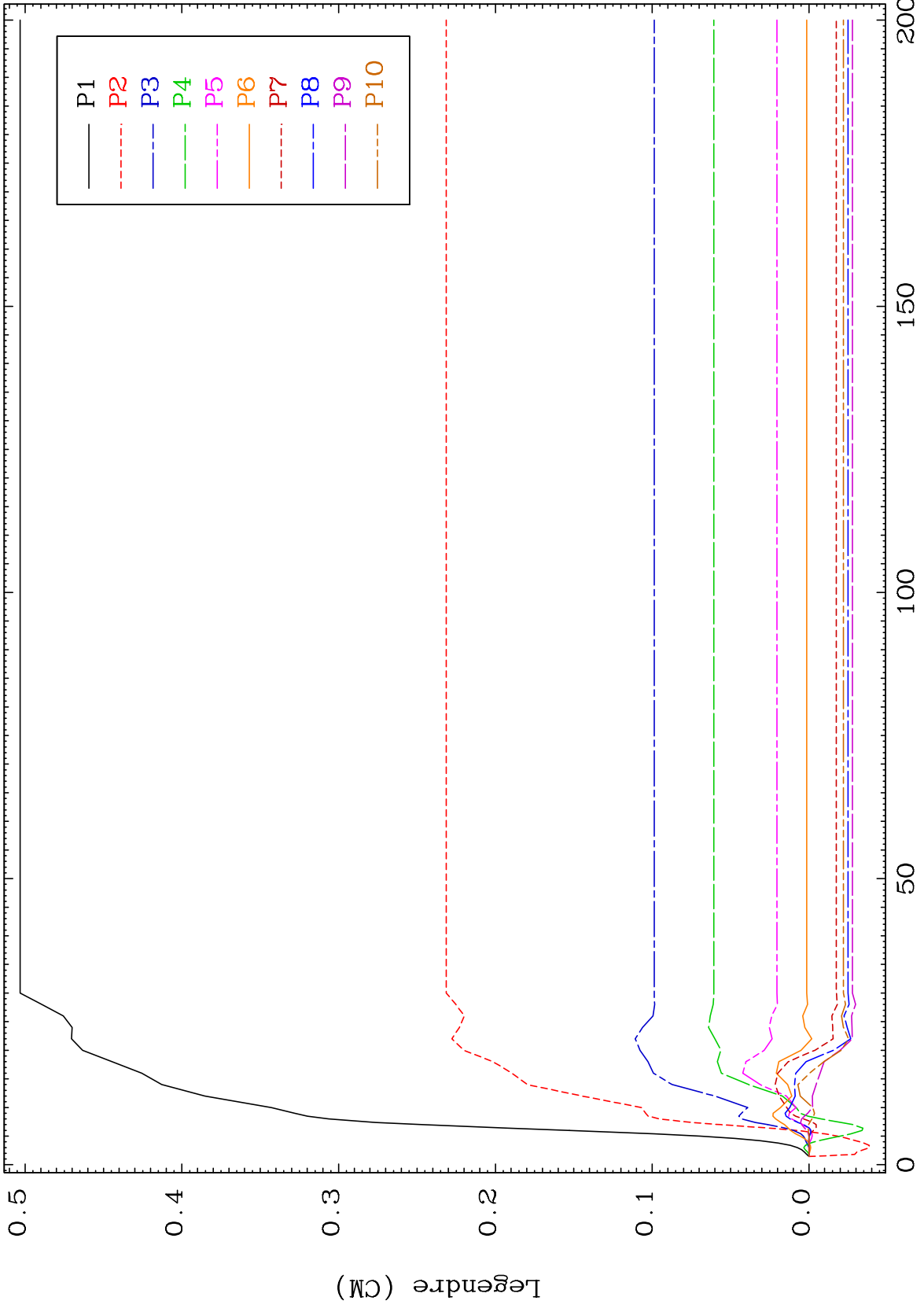
84-Po-210



MAT 8437

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

84-Po-210



24

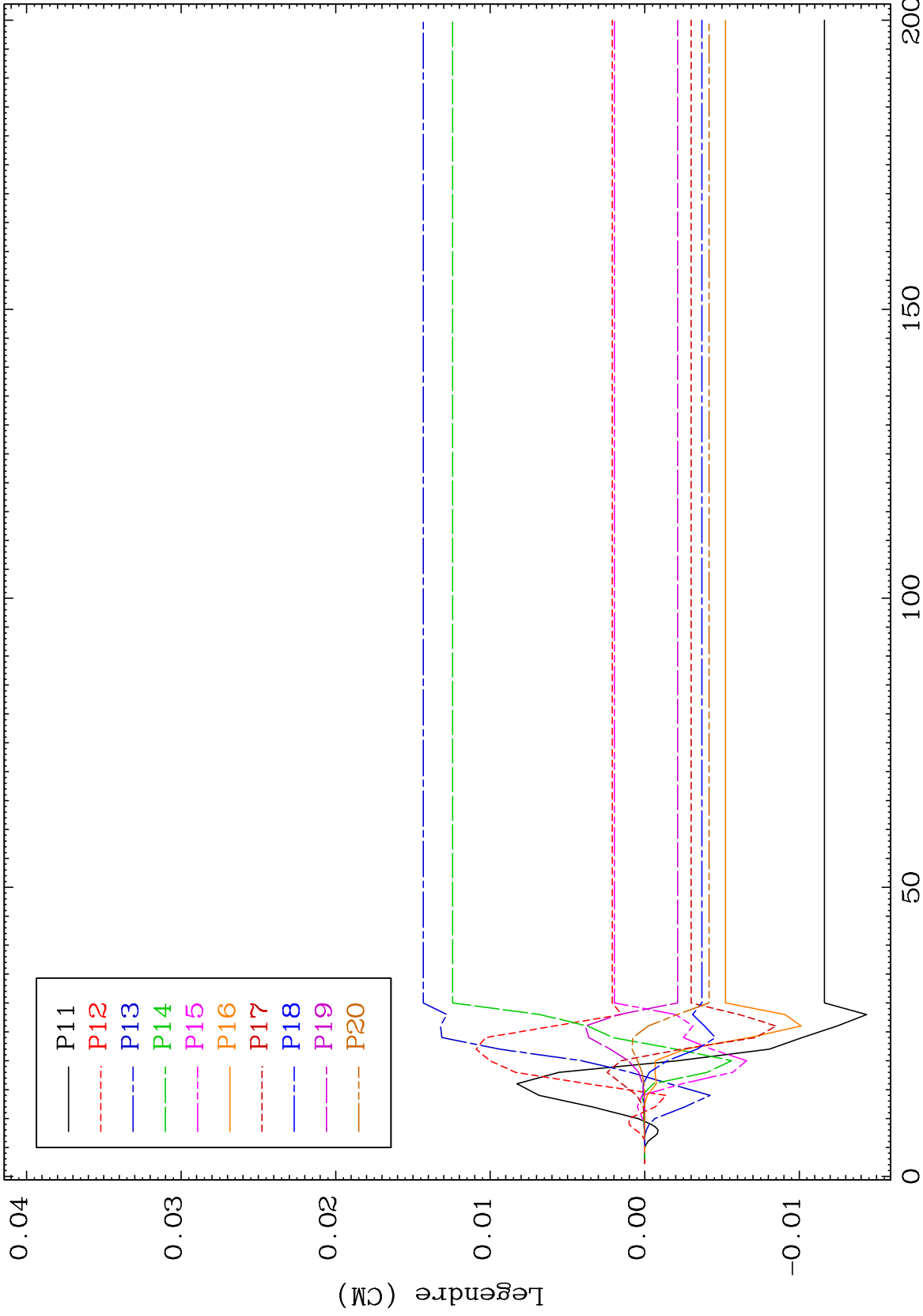
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



25

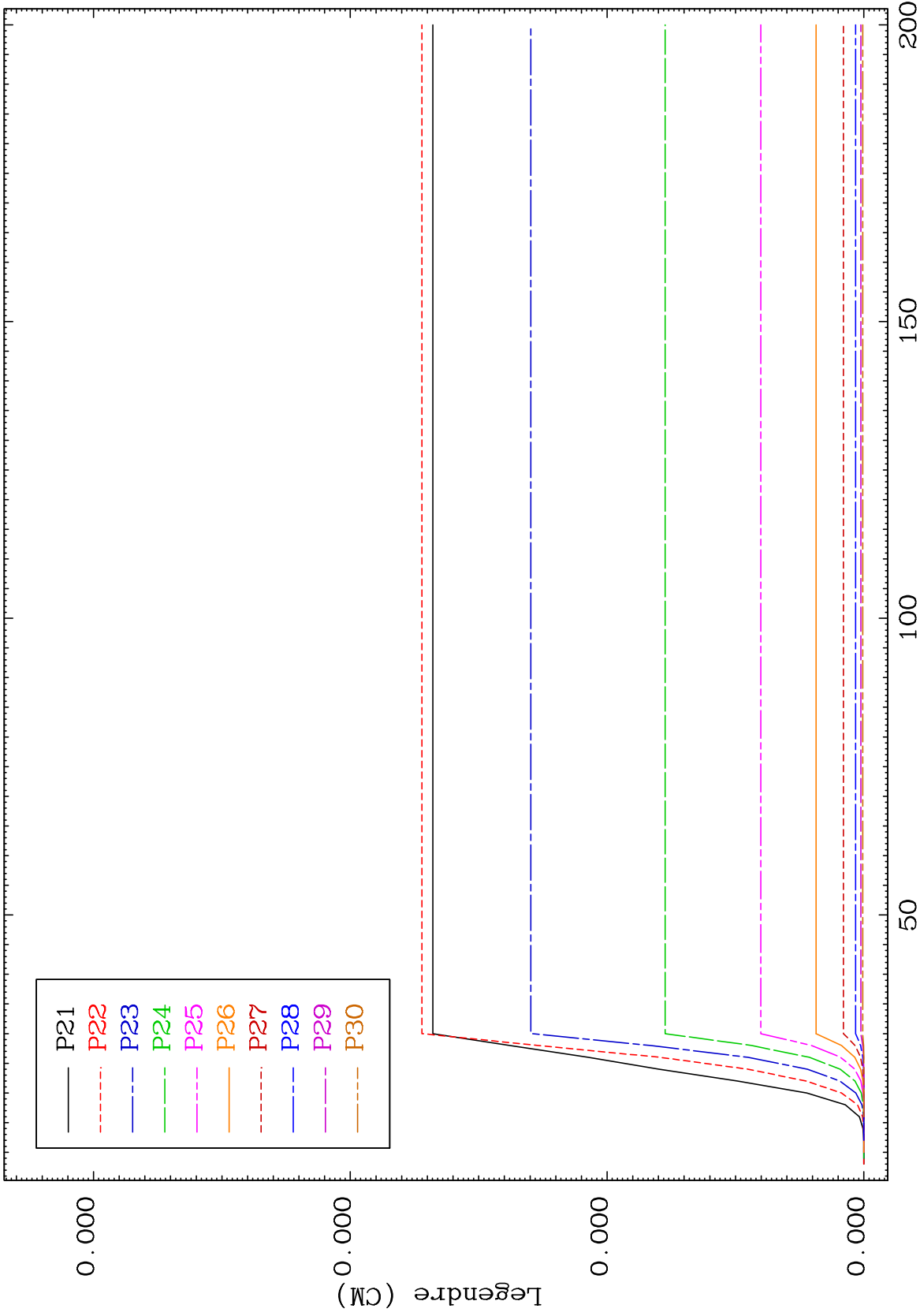
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



26

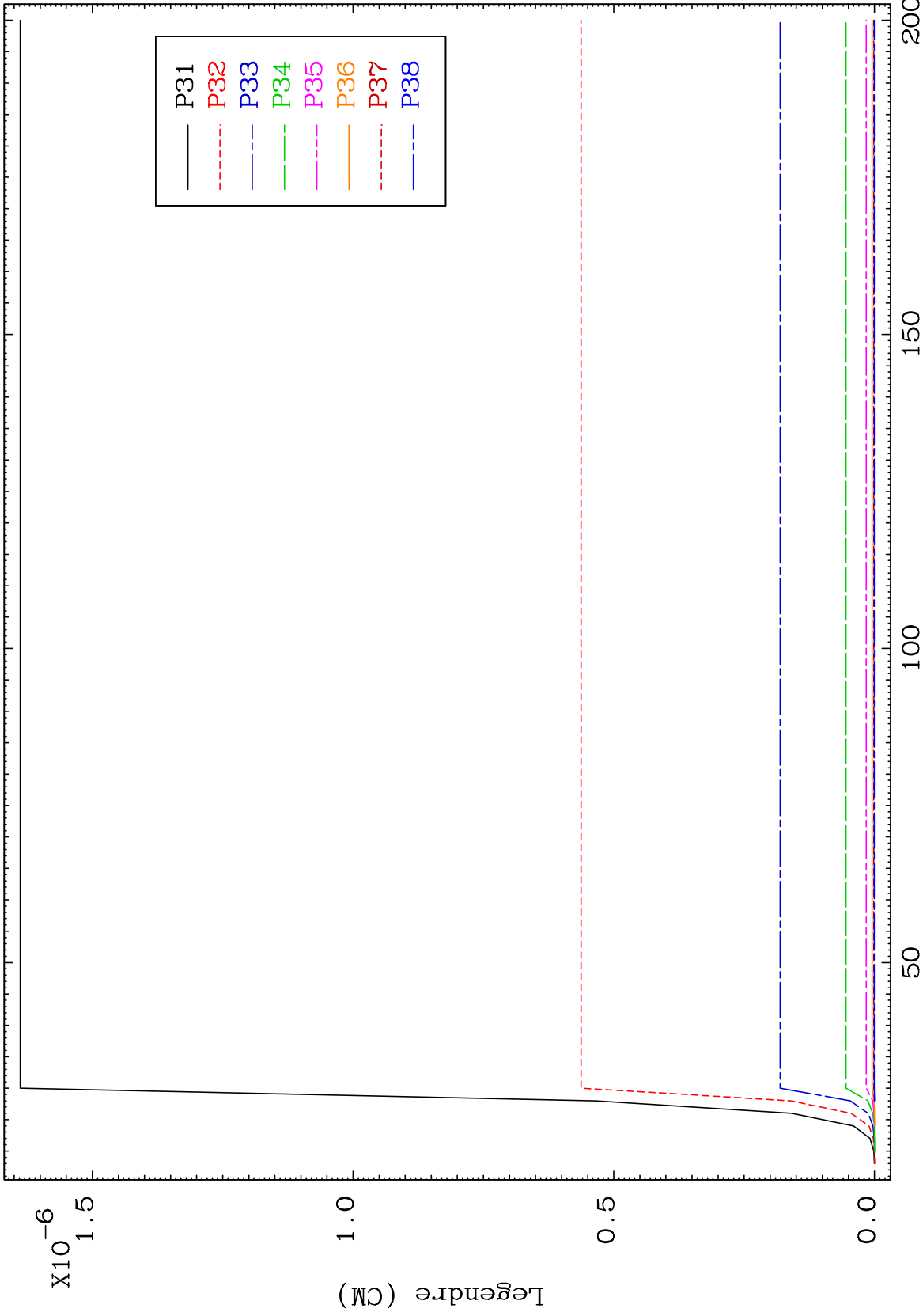
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



27

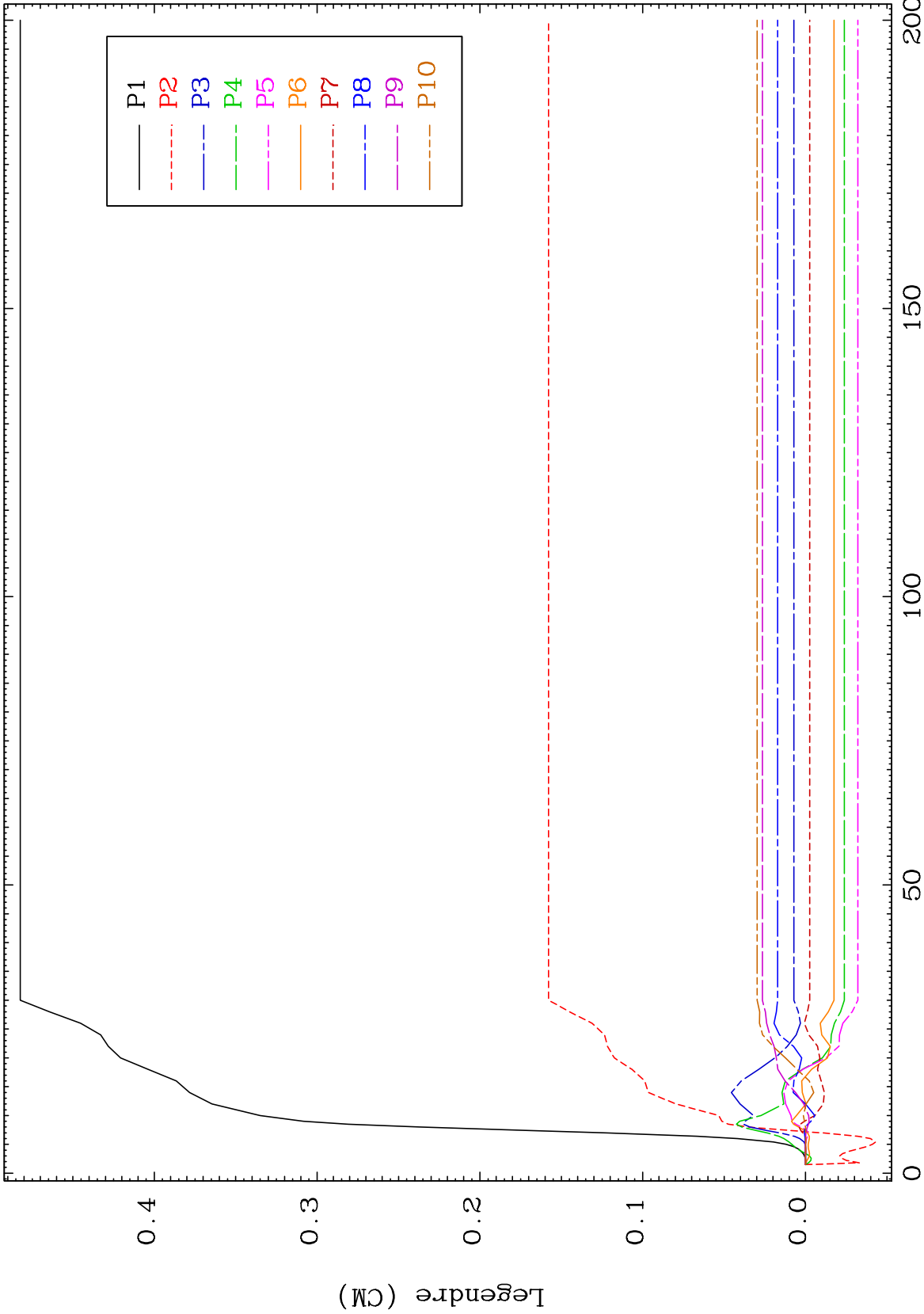
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



28

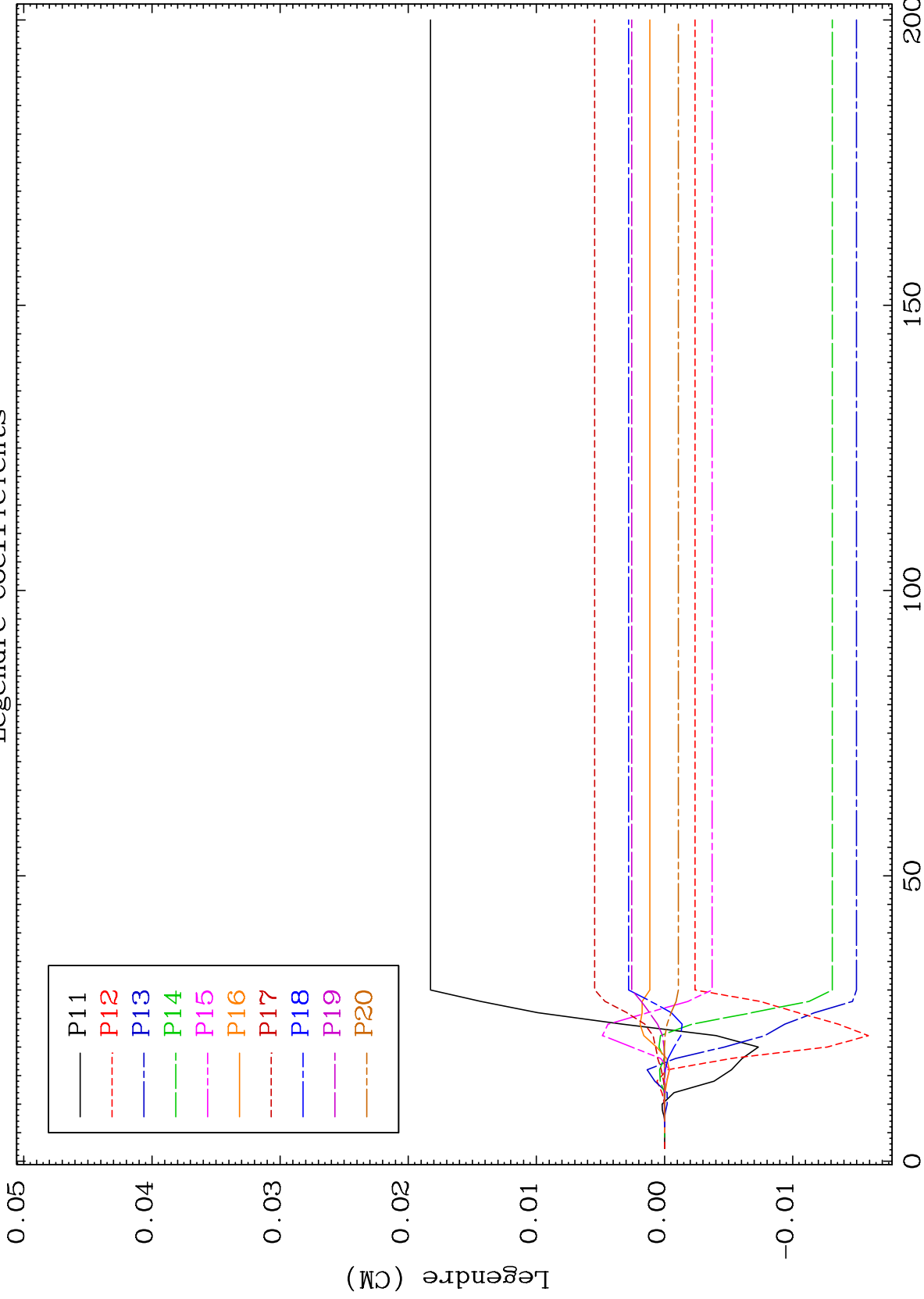
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



29

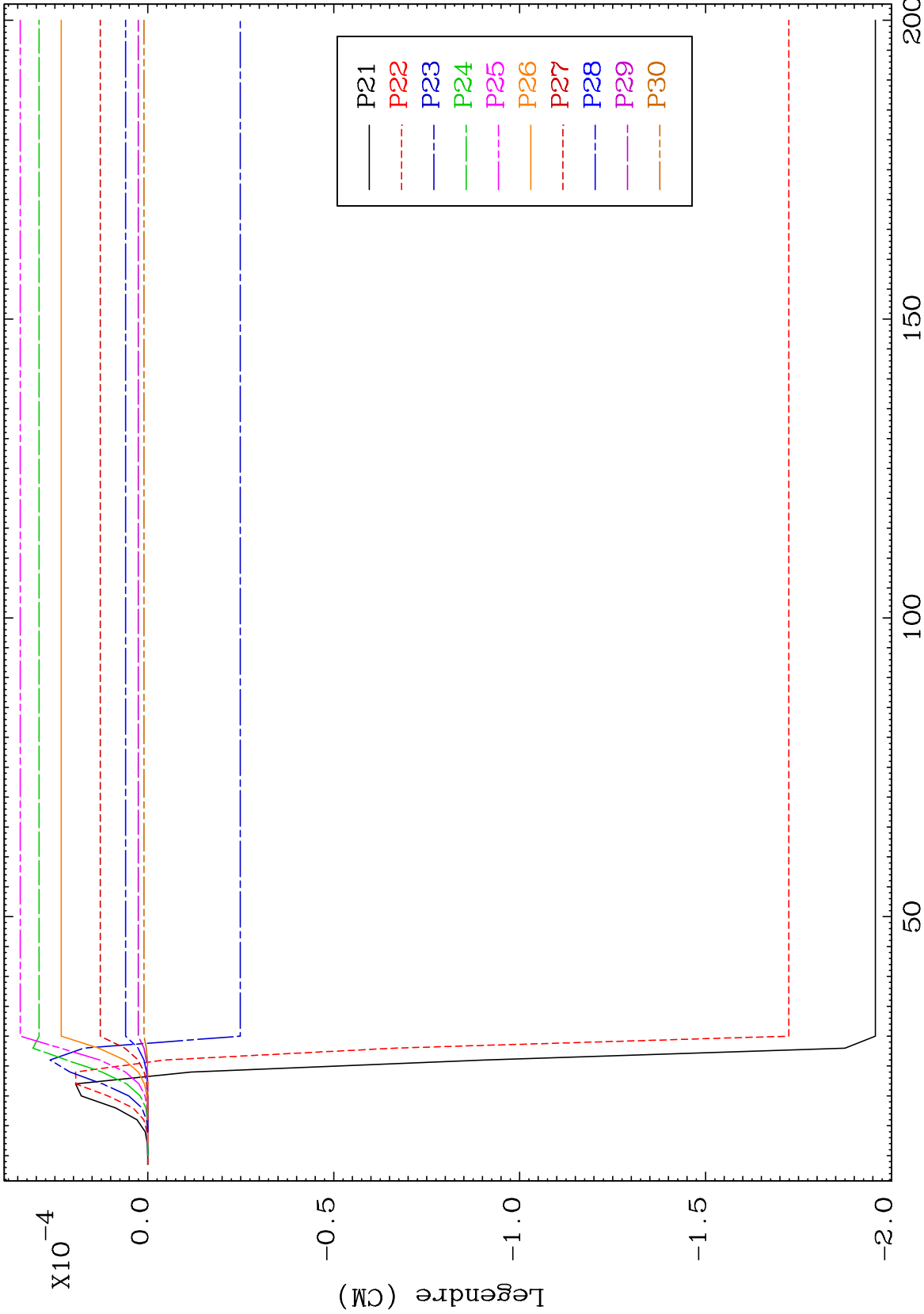
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



30

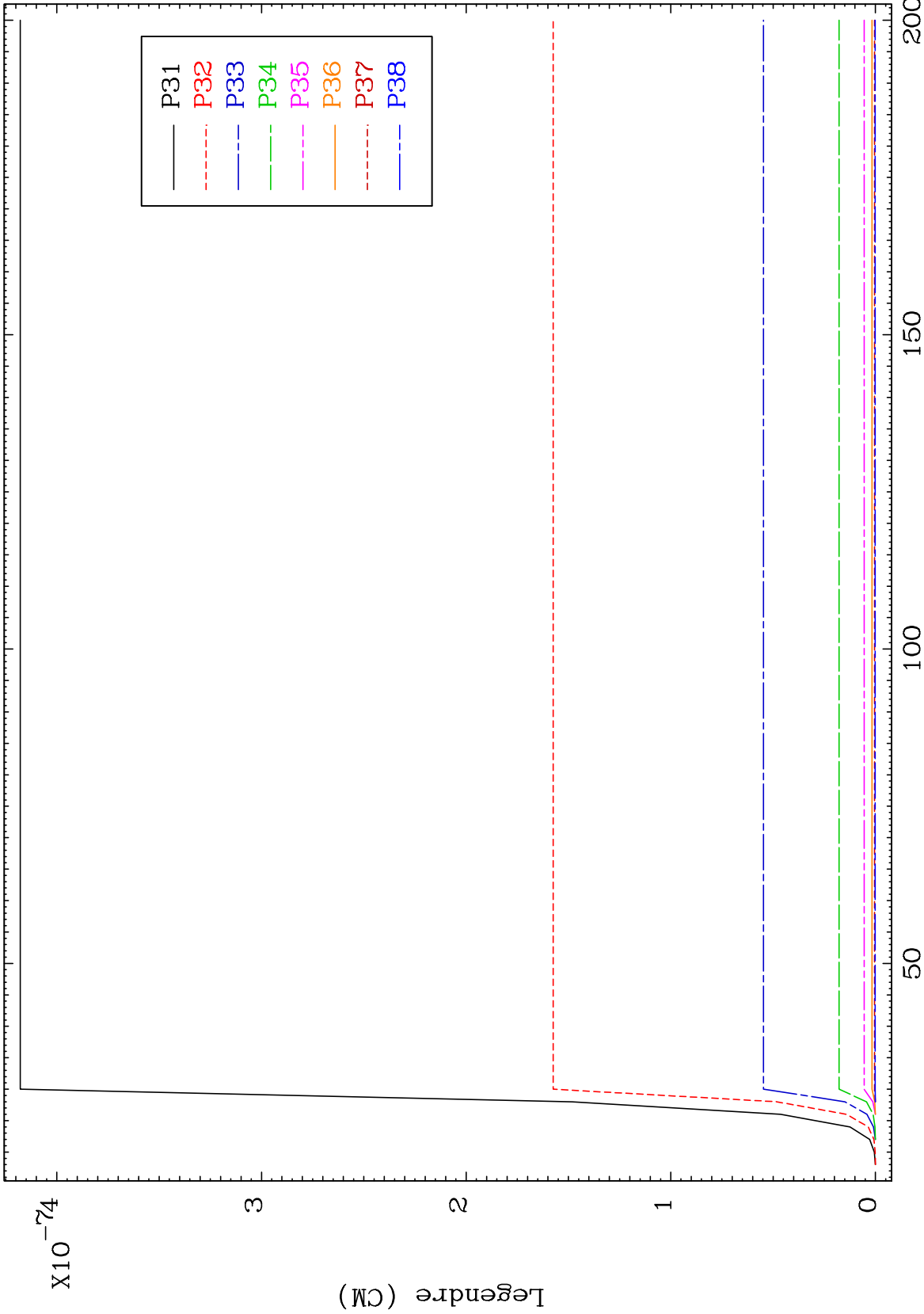
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



31

Incident Energy (MeV)

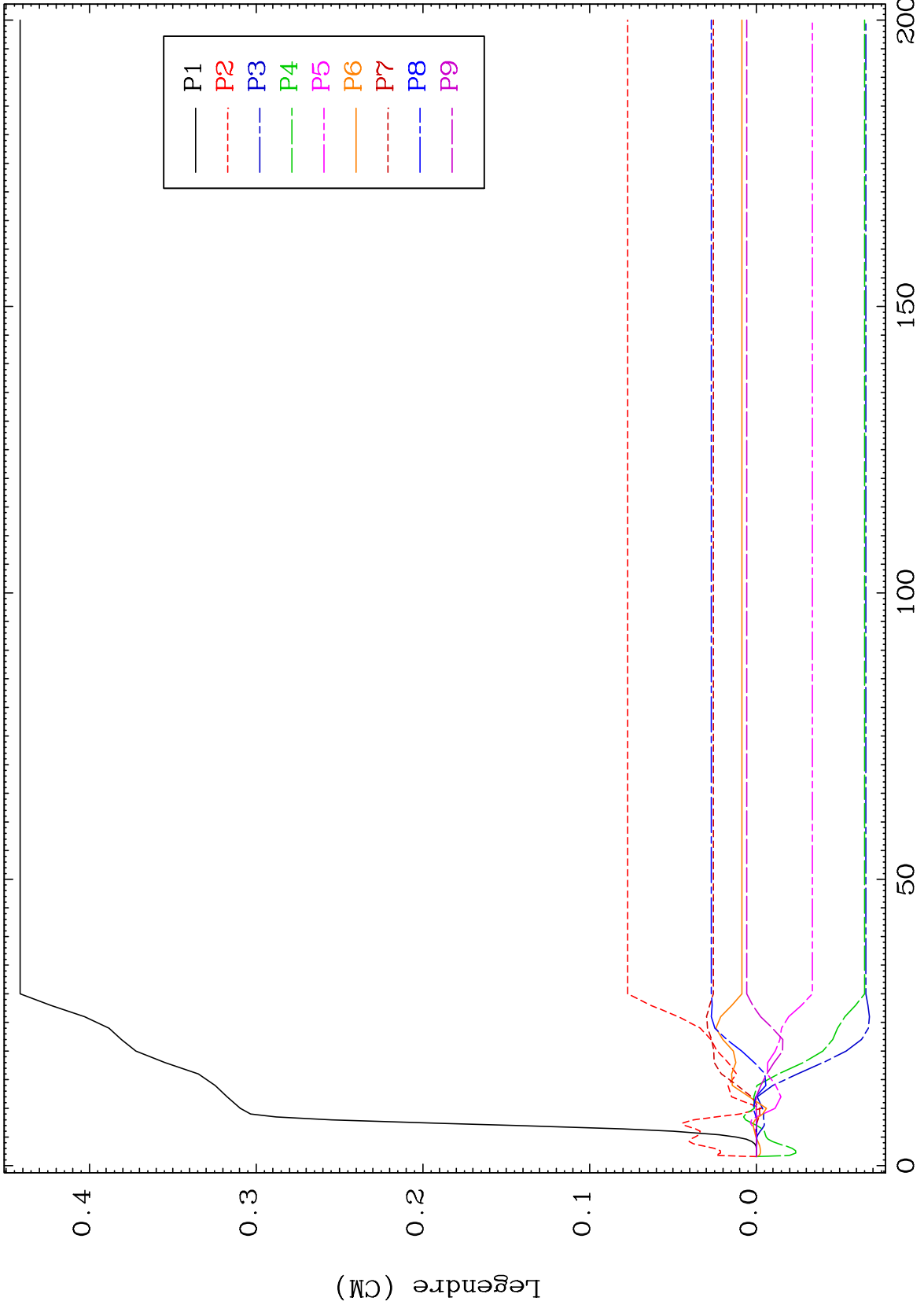
84-Po-210



MAT 8437

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

84-Po-210



32

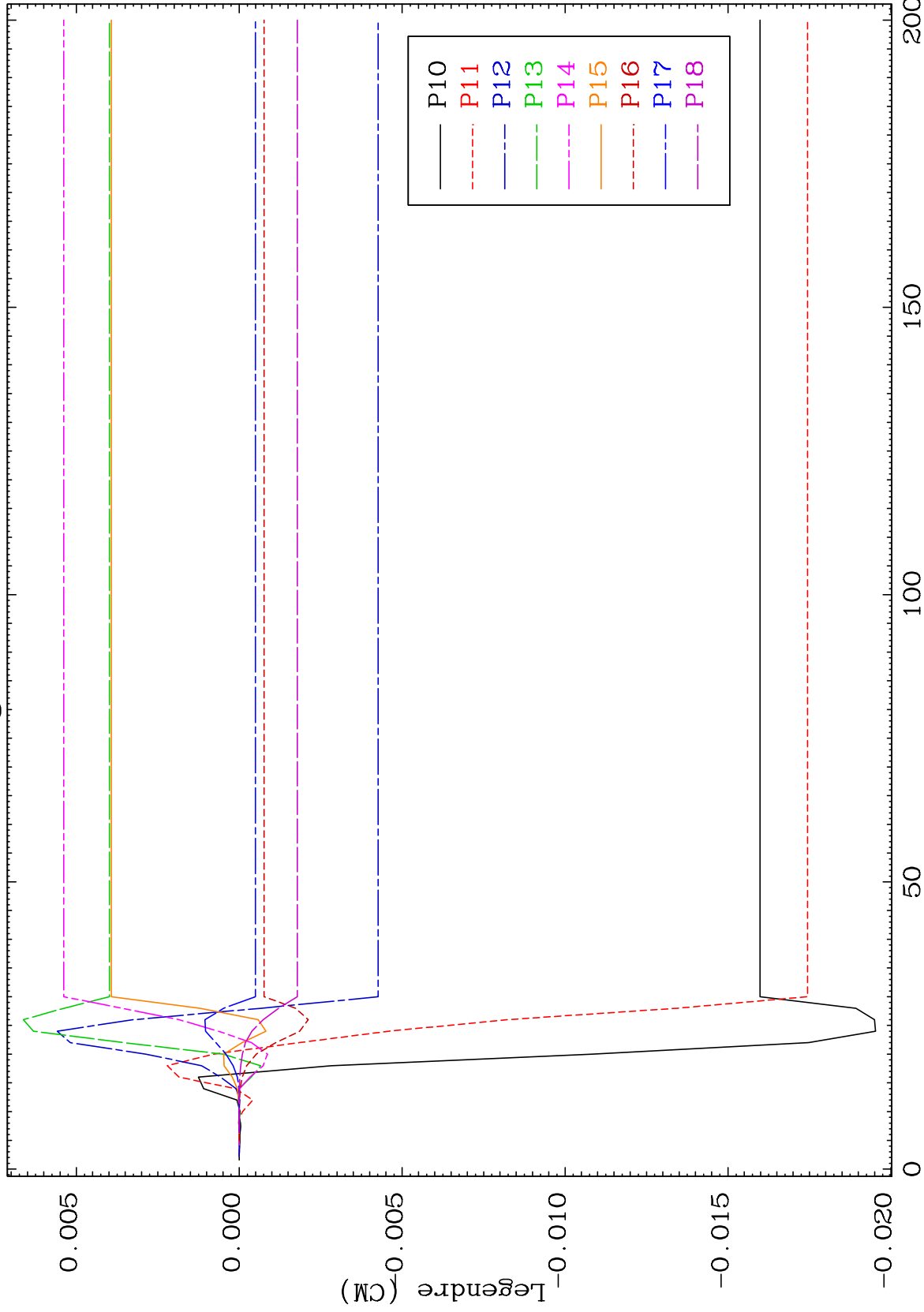
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



33

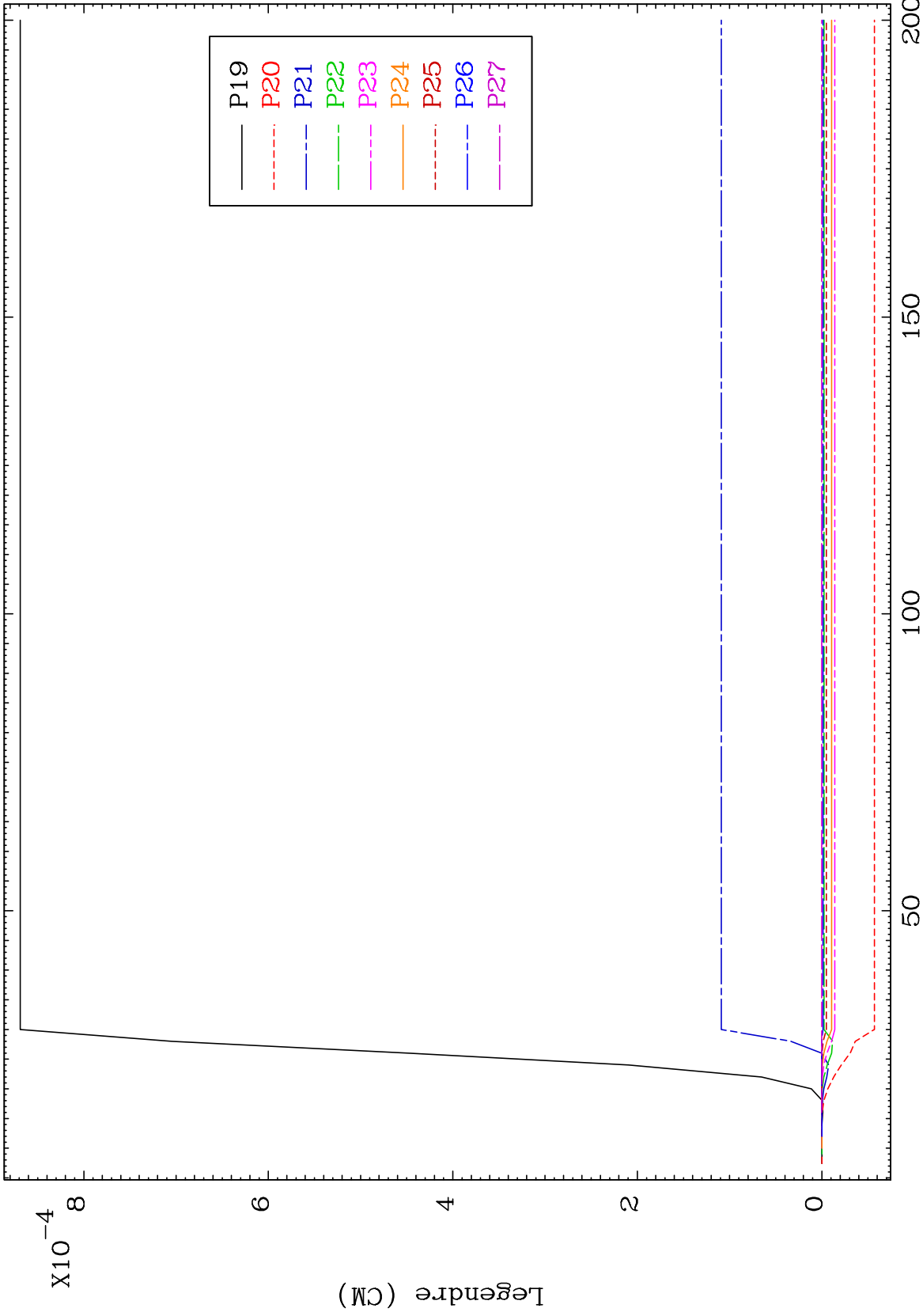
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



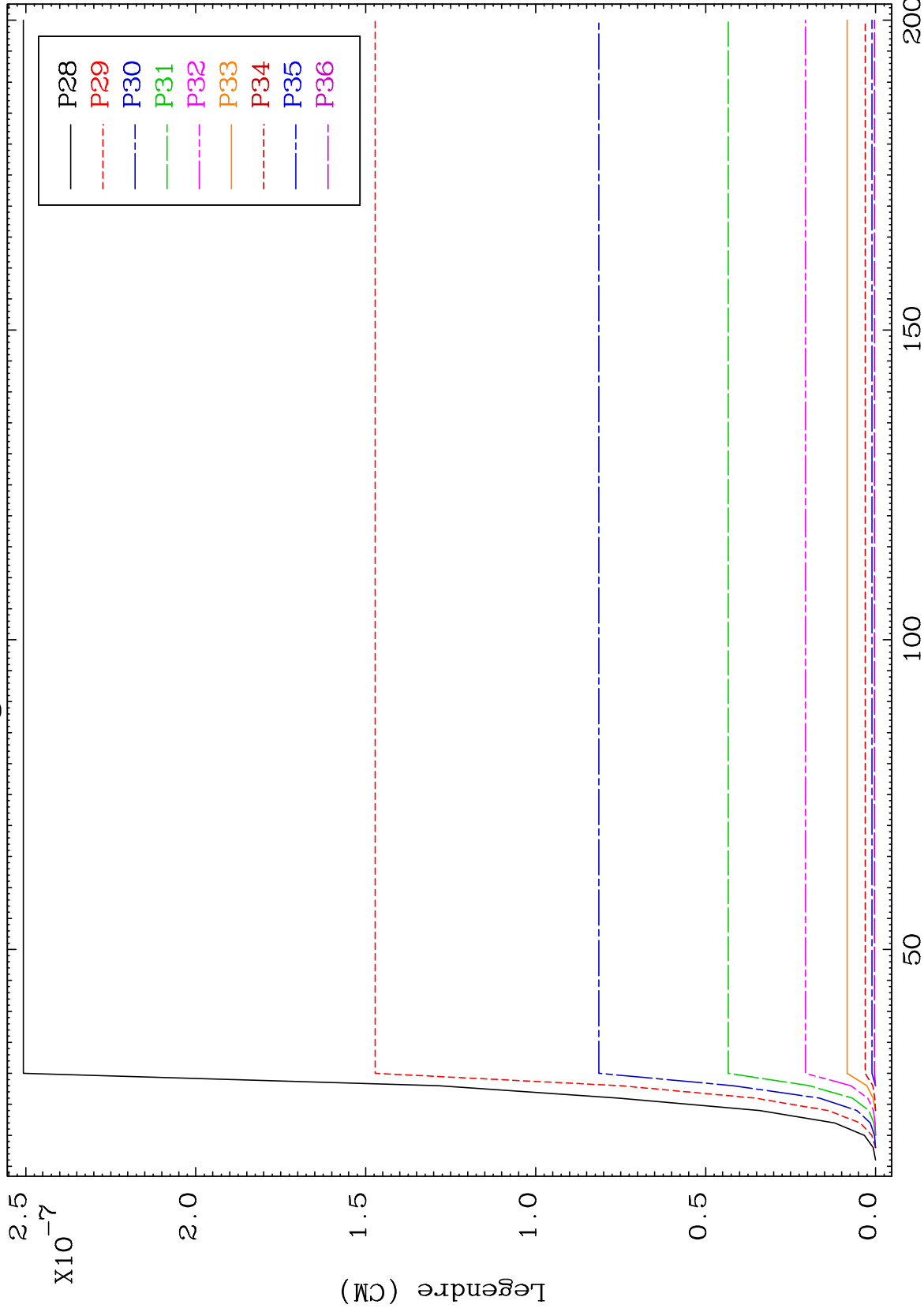
34

84-Po-210

MAT 8437

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

84-Po-210



35

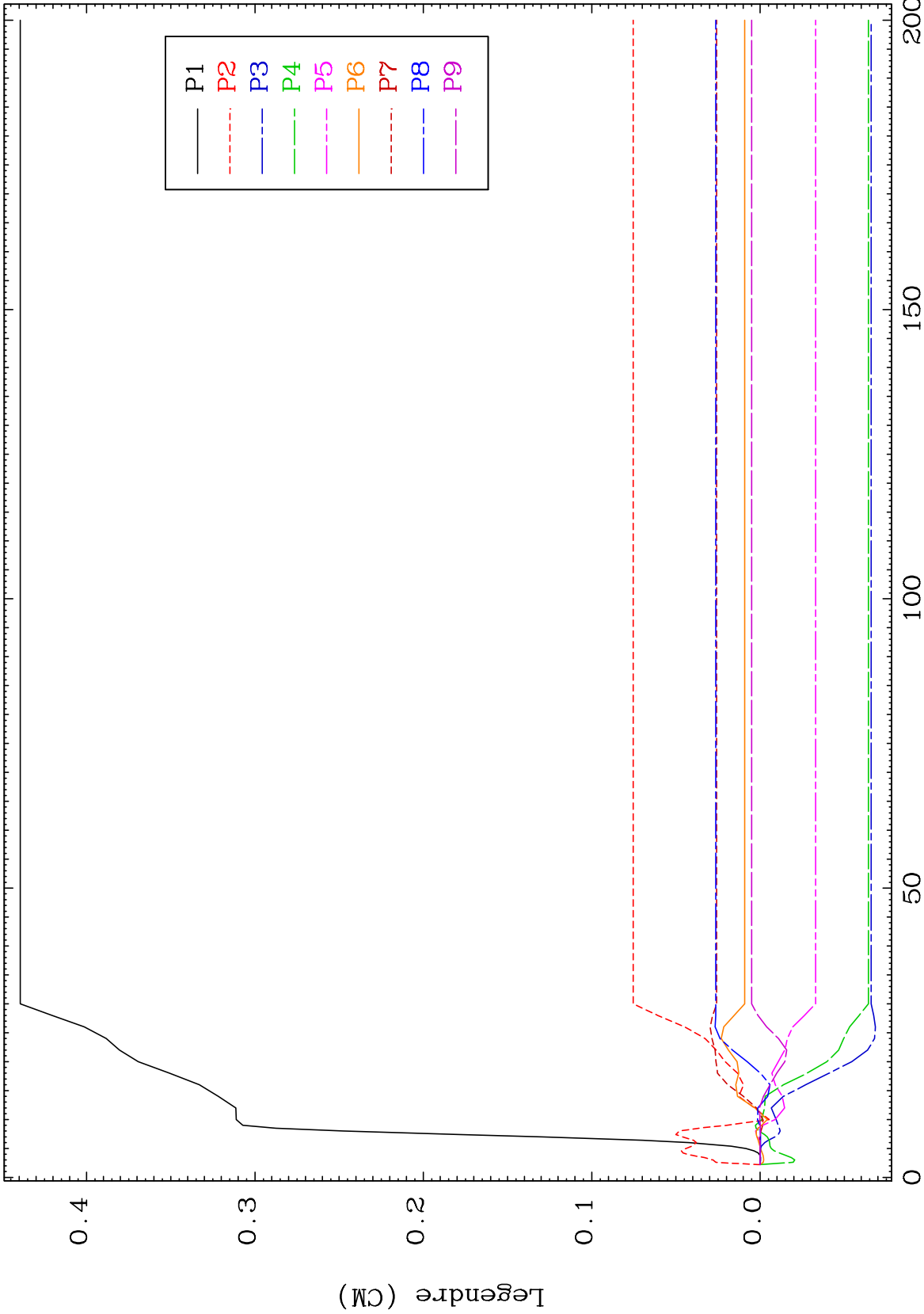
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



36

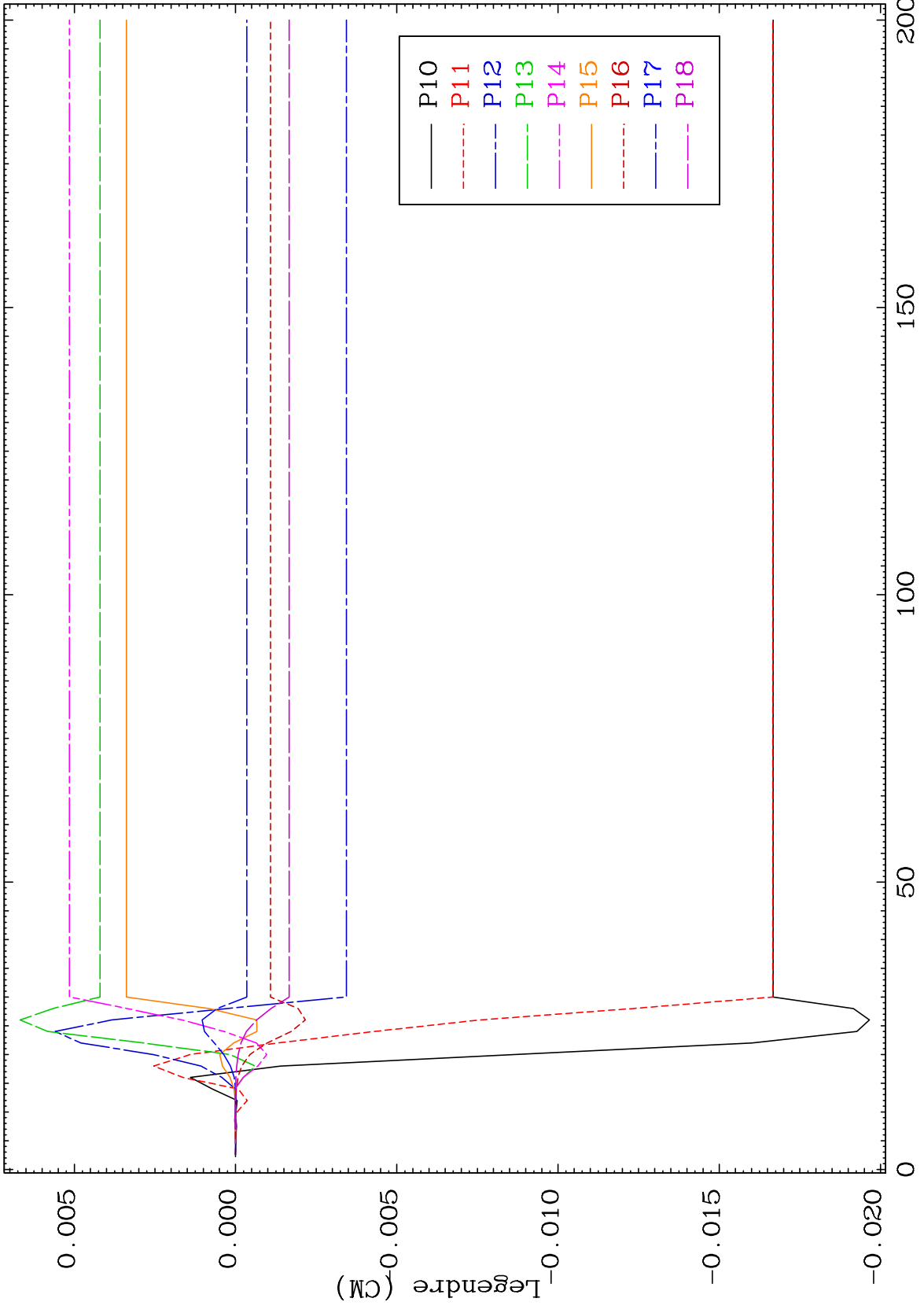
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



37

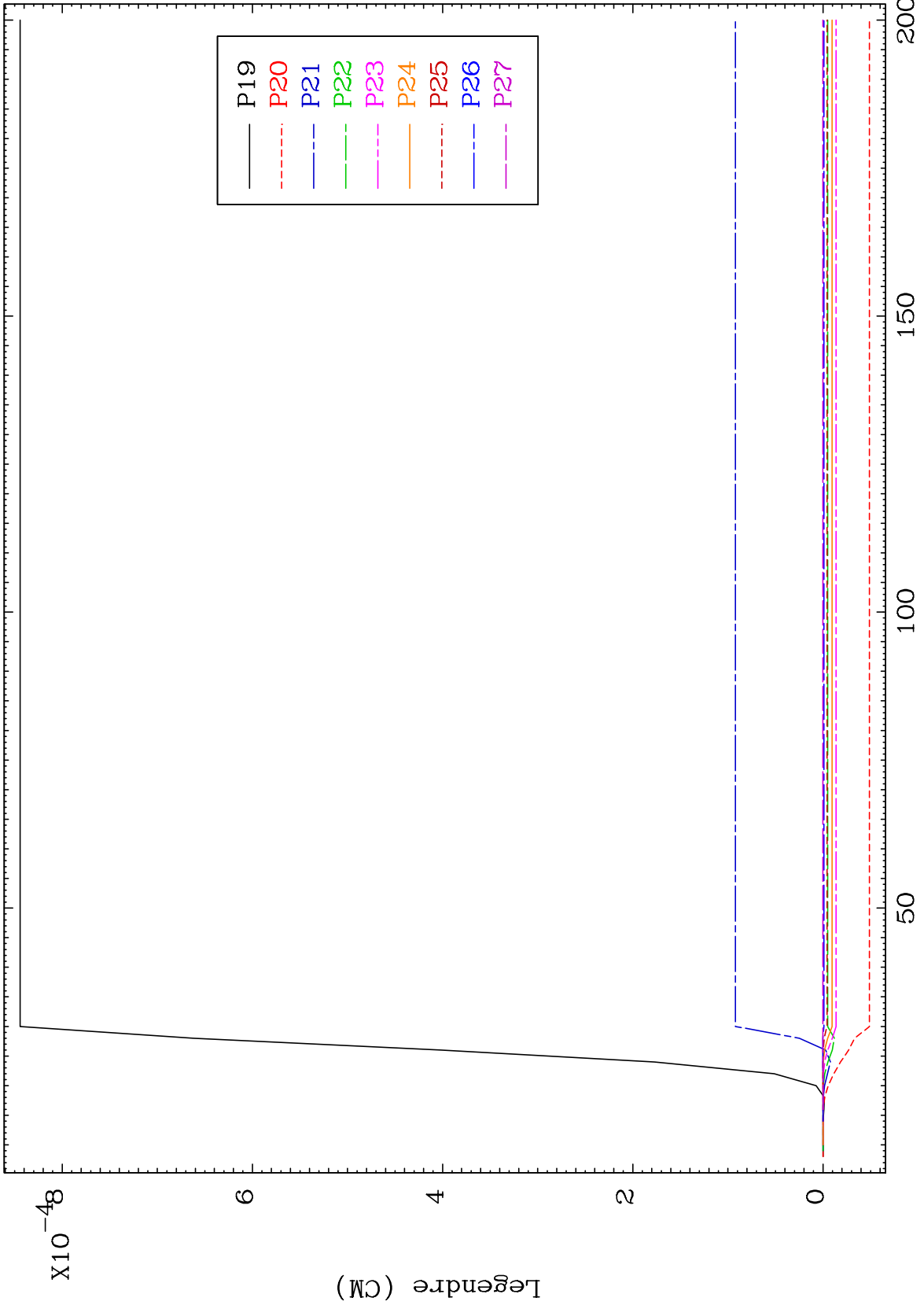
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



38

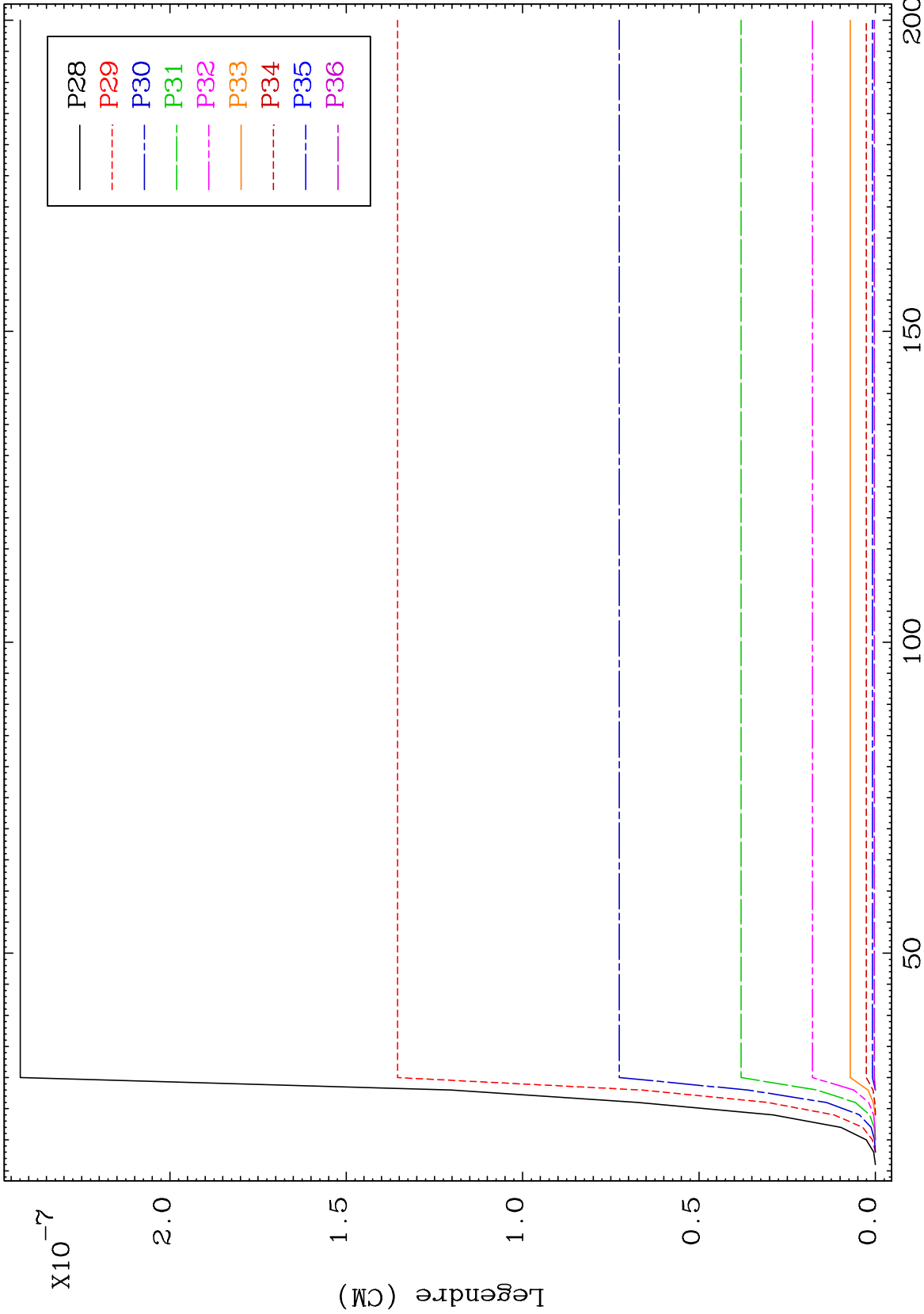
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



39

Incident Energy (MeV)

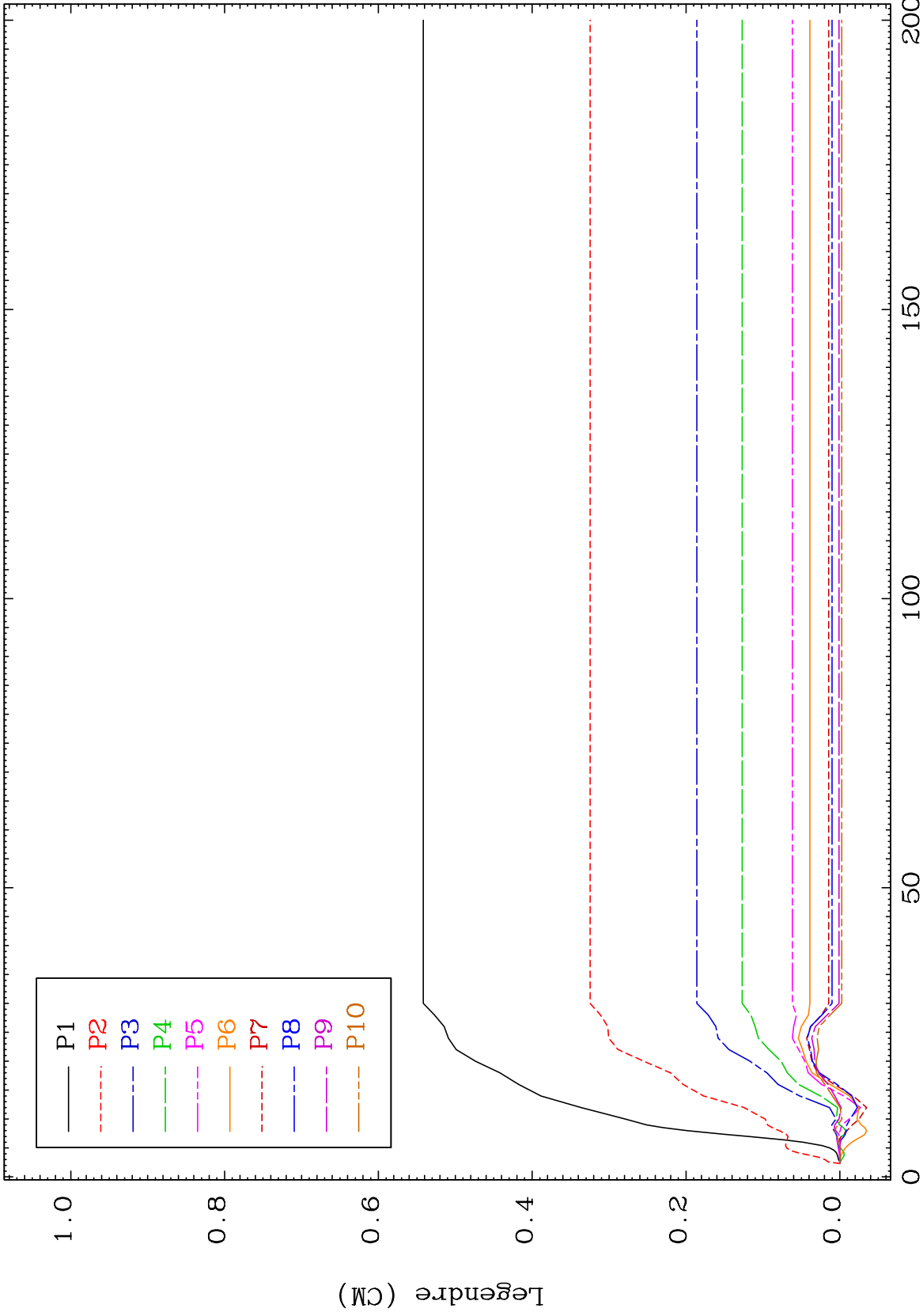
84-Po-210



MAT 8437

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

84-Po-210



40

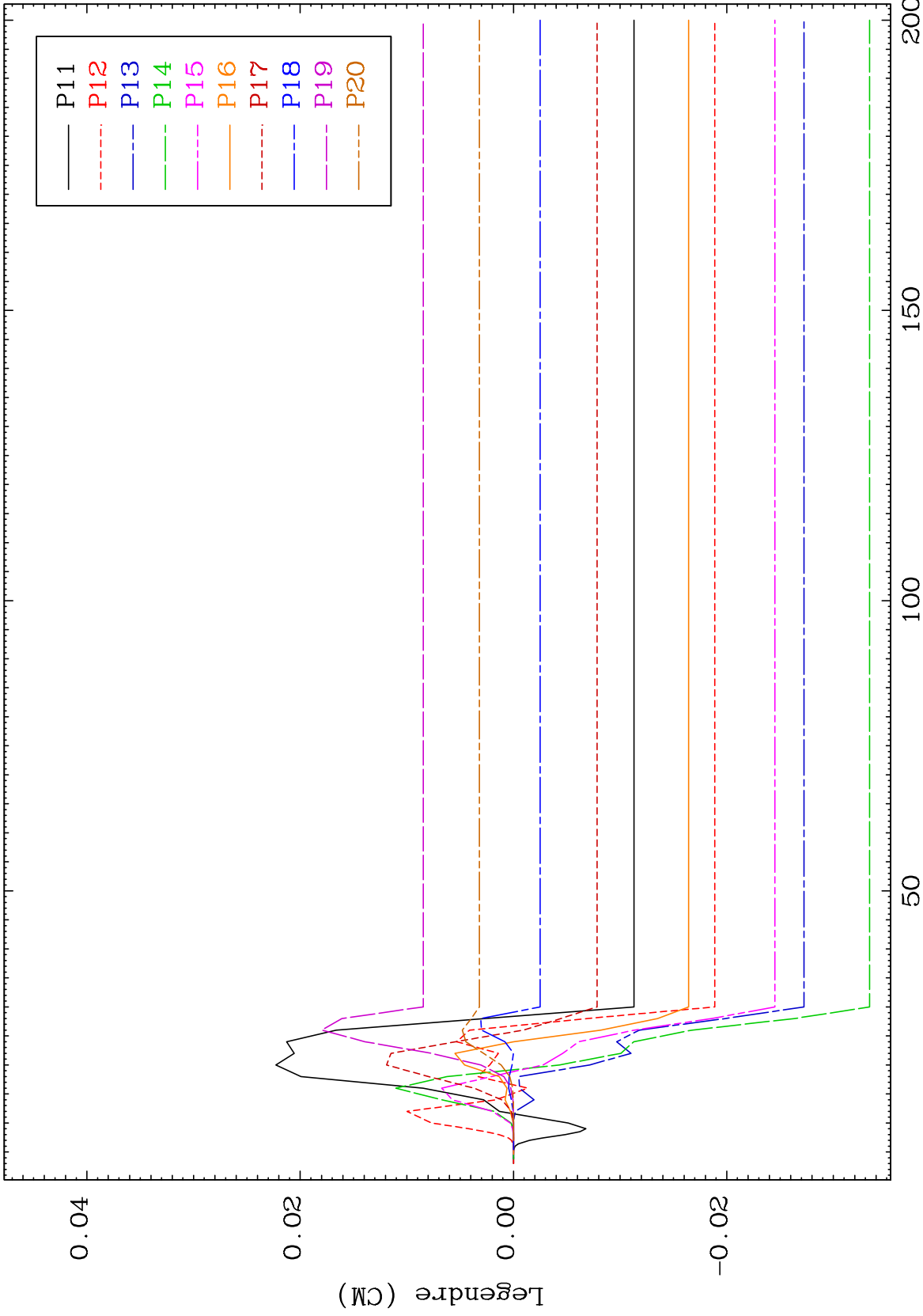
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



41

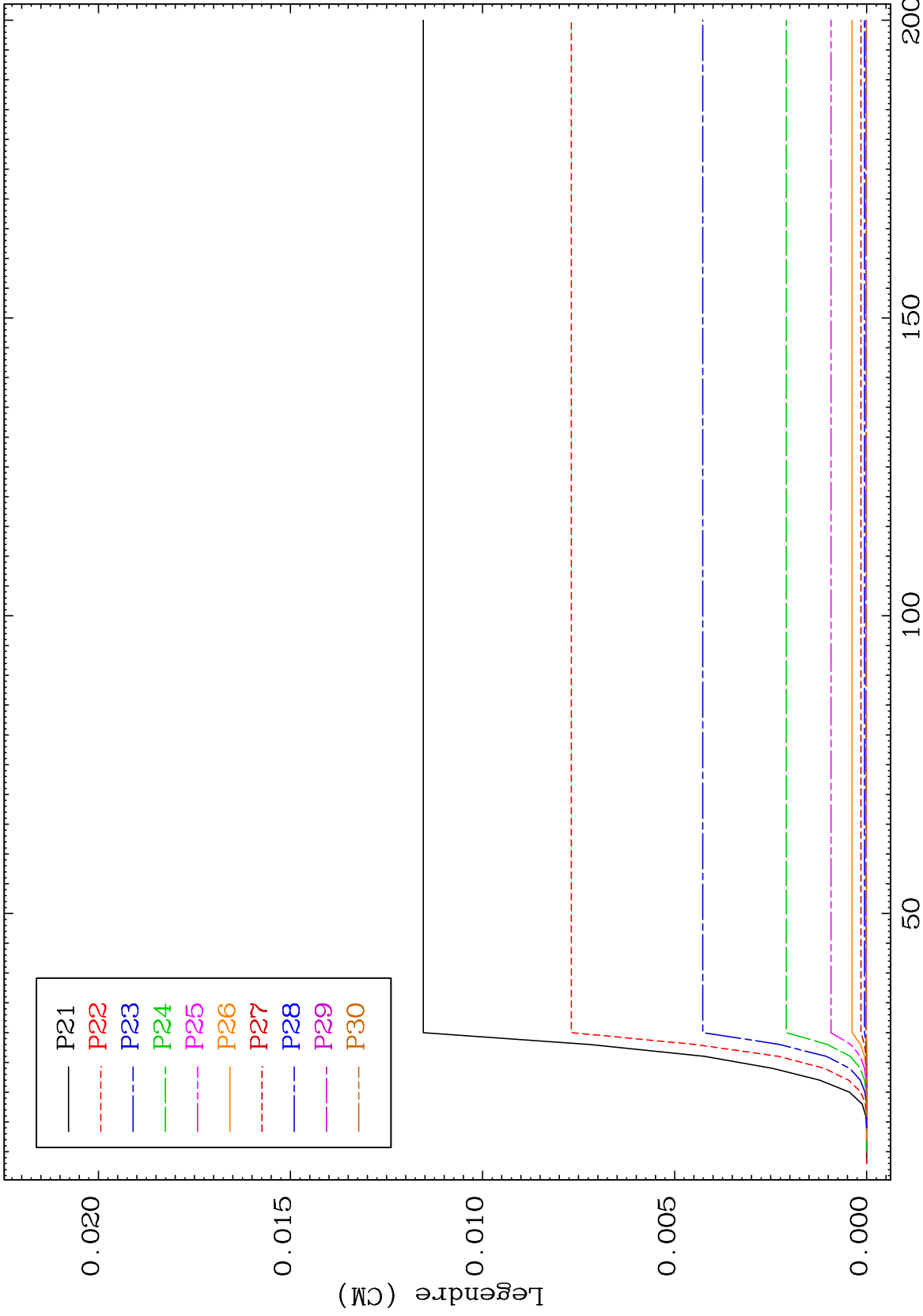
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



42

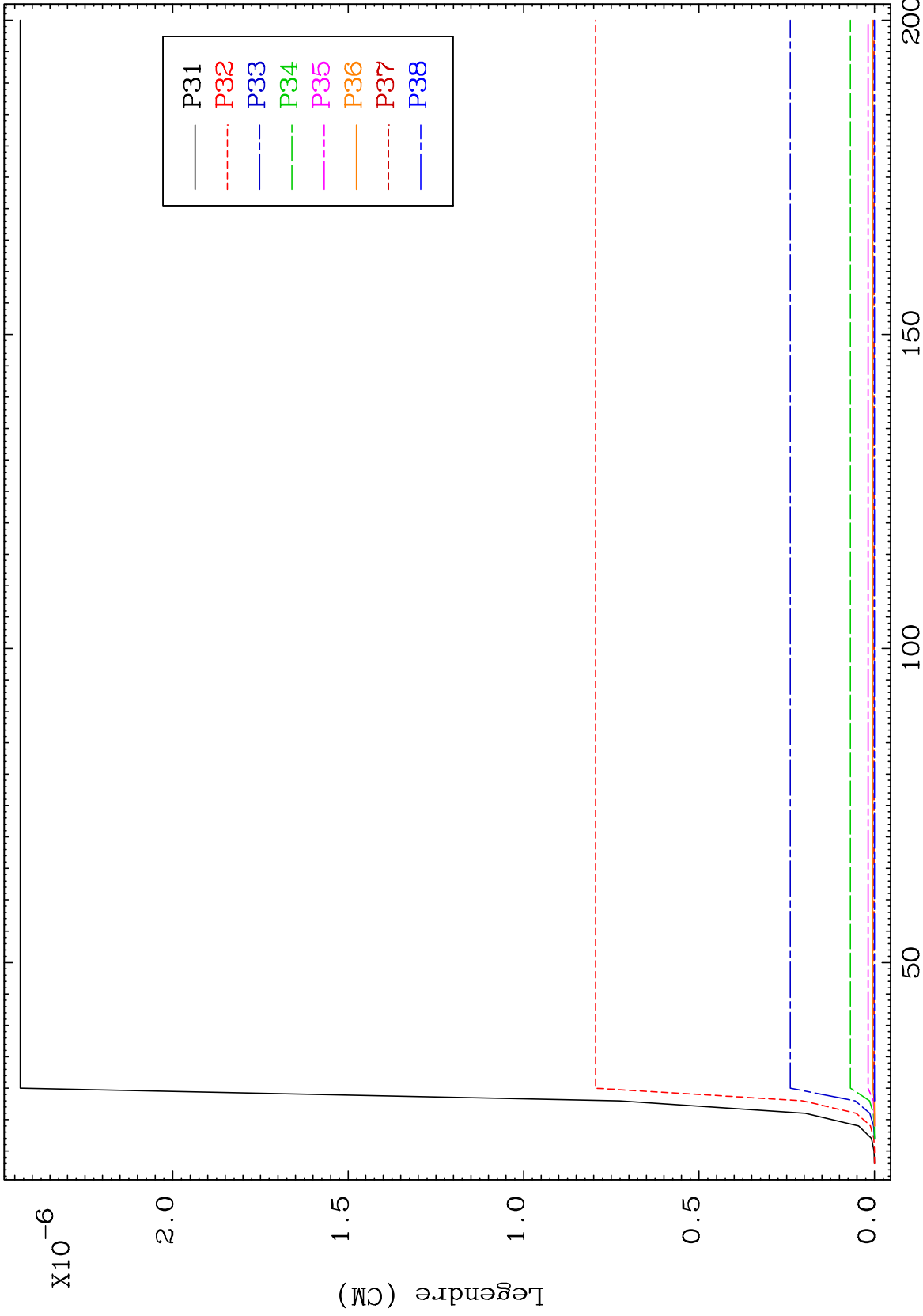
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



43

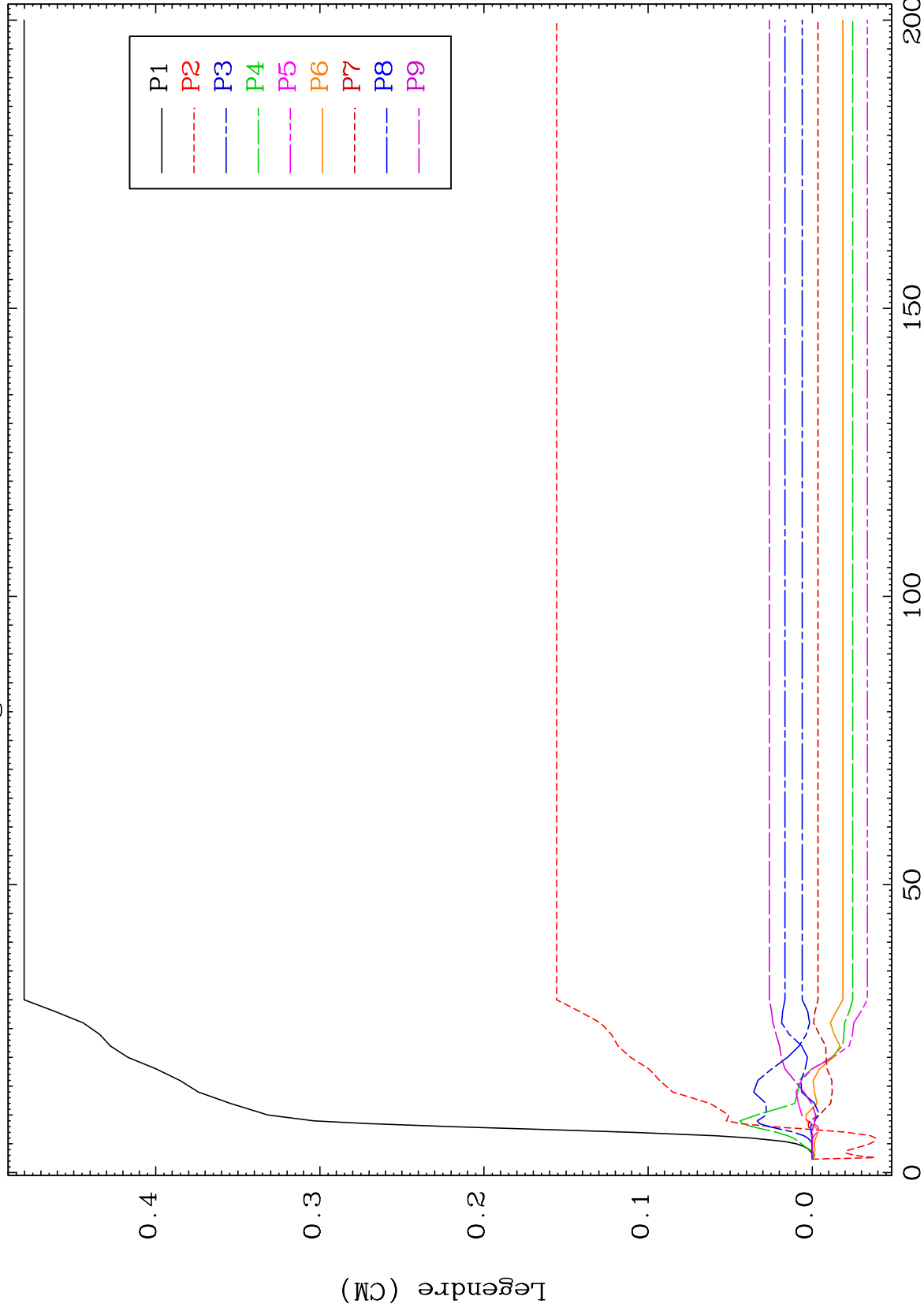
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



44

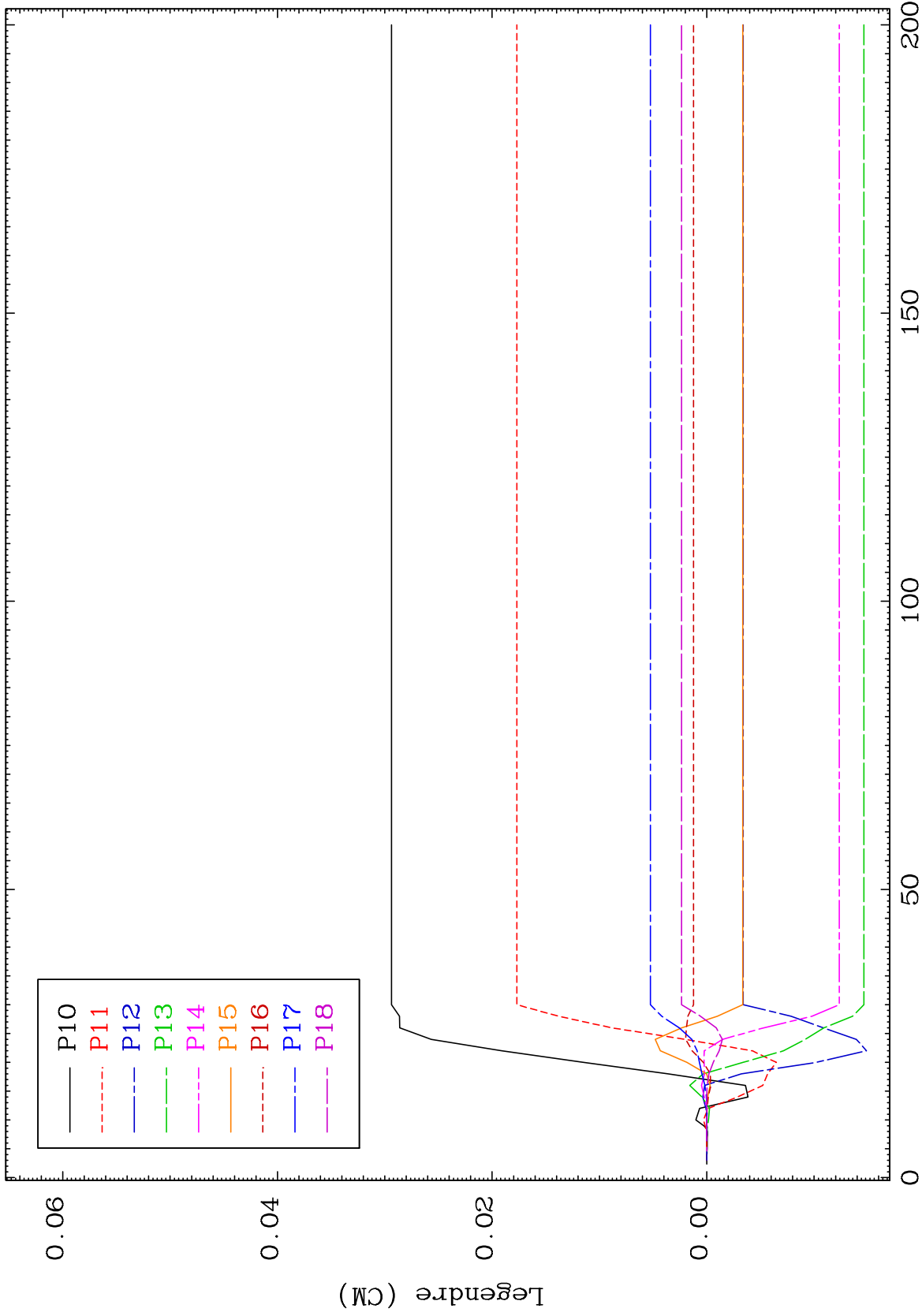
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



45

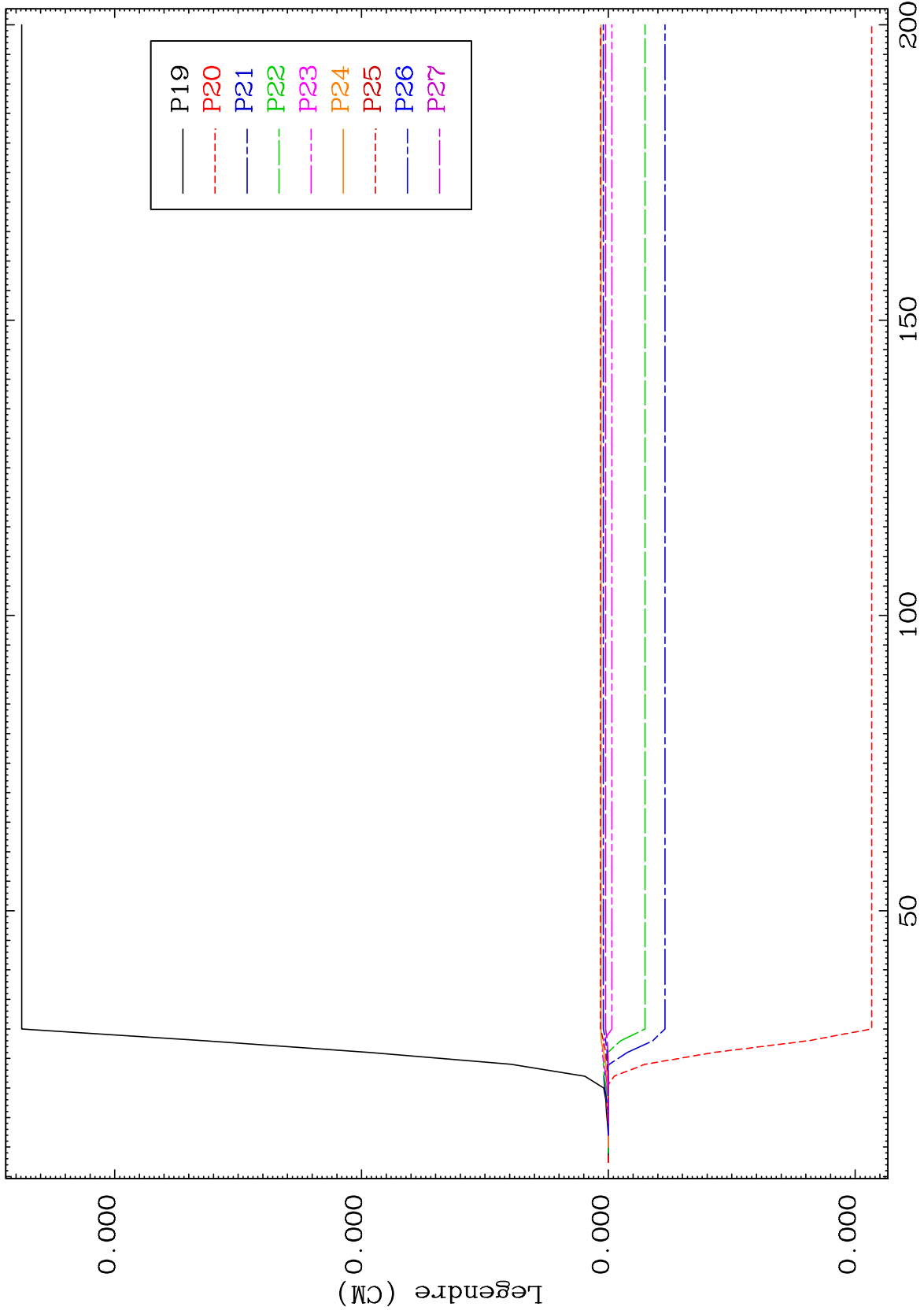
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



46

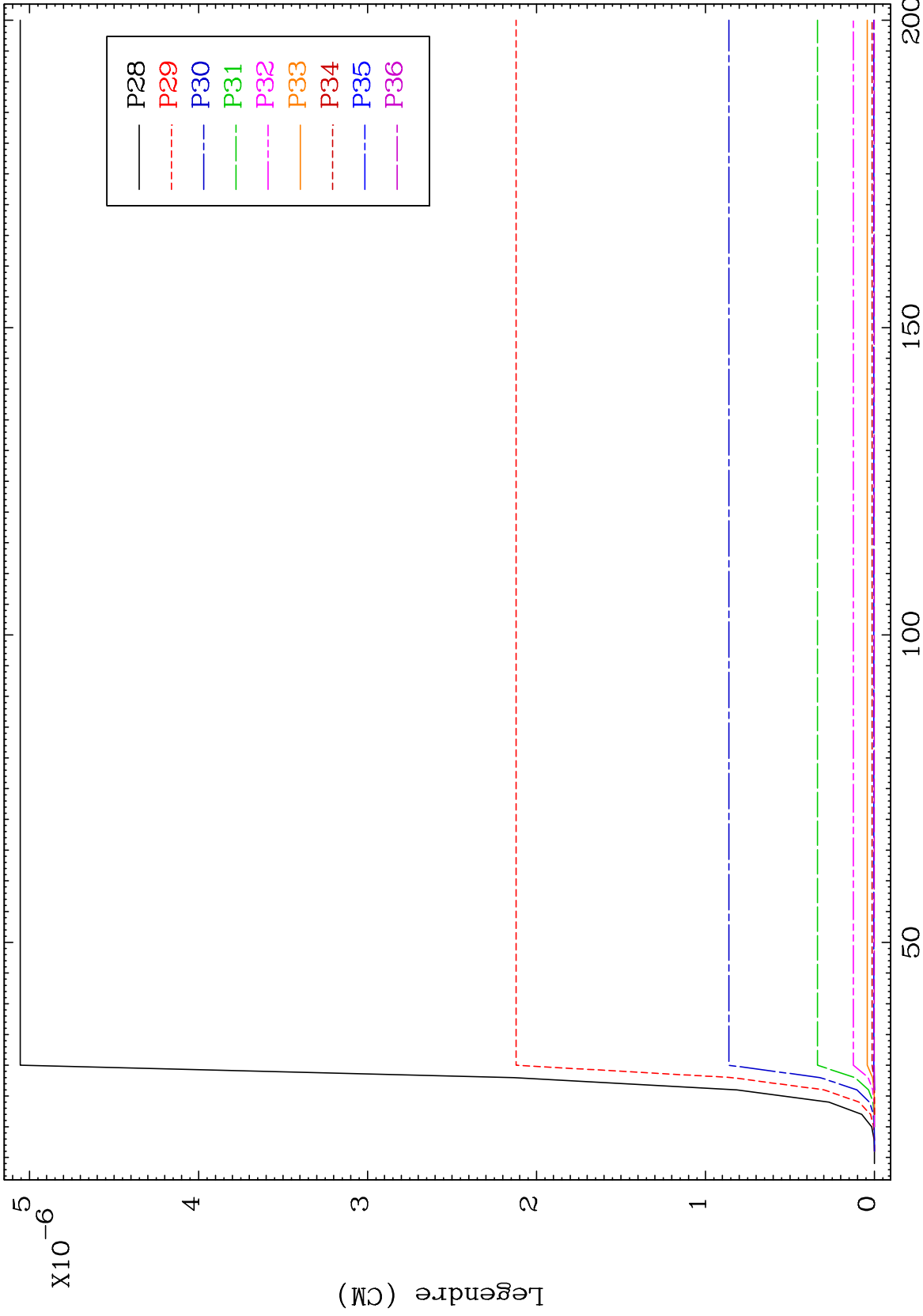
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



47

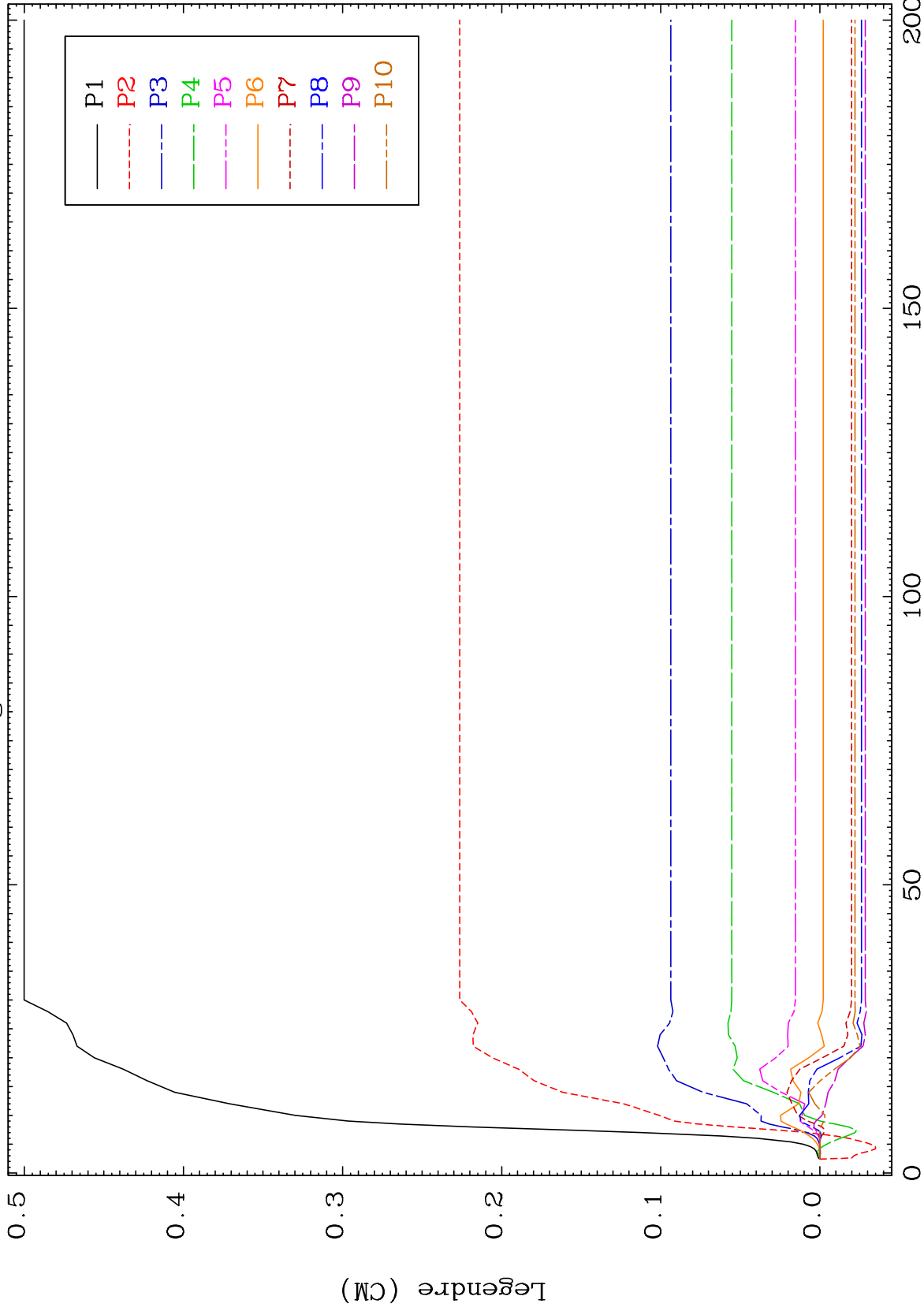
84-Po-210



MAT 8437

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

84-Po-210



48

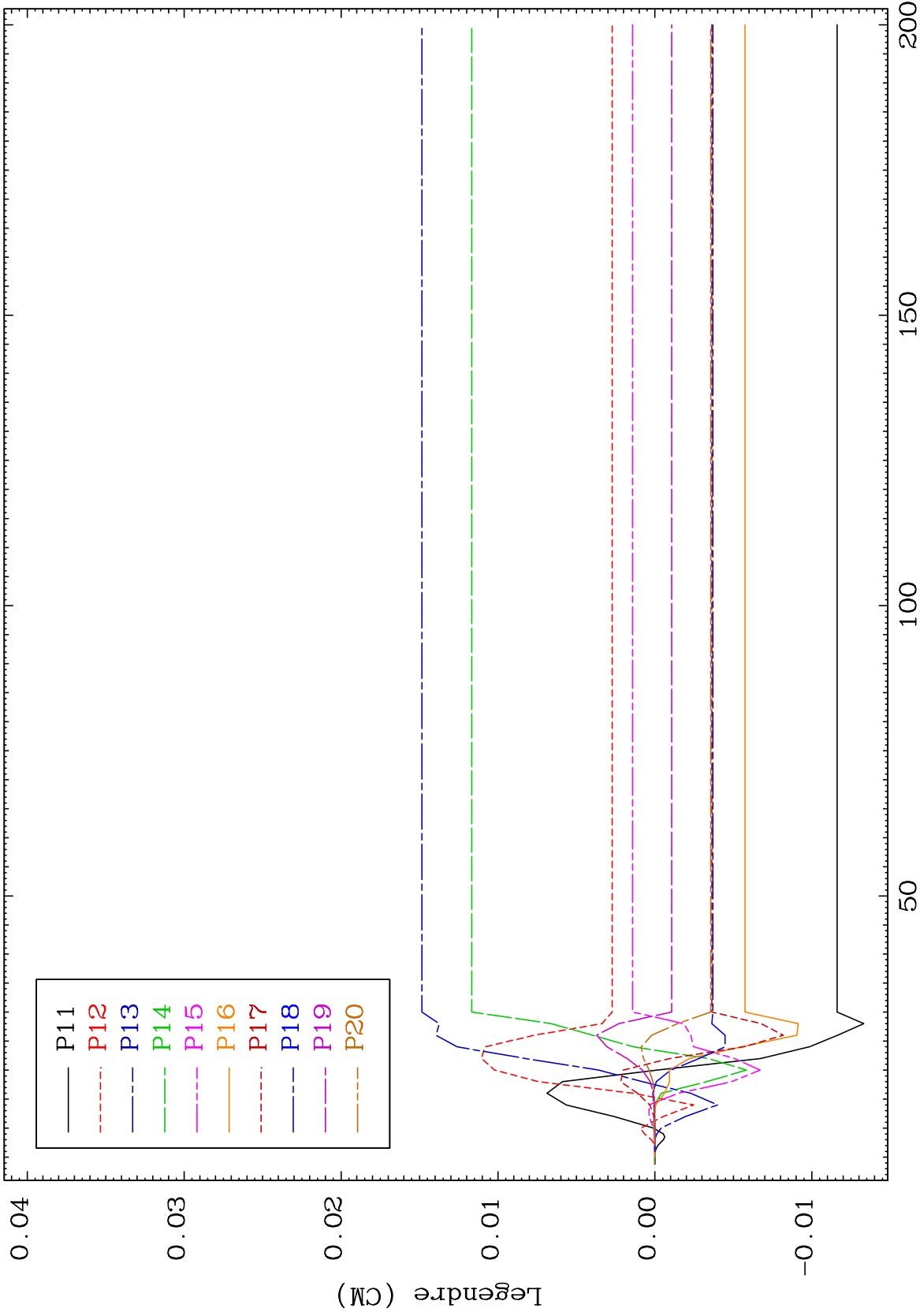
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



49

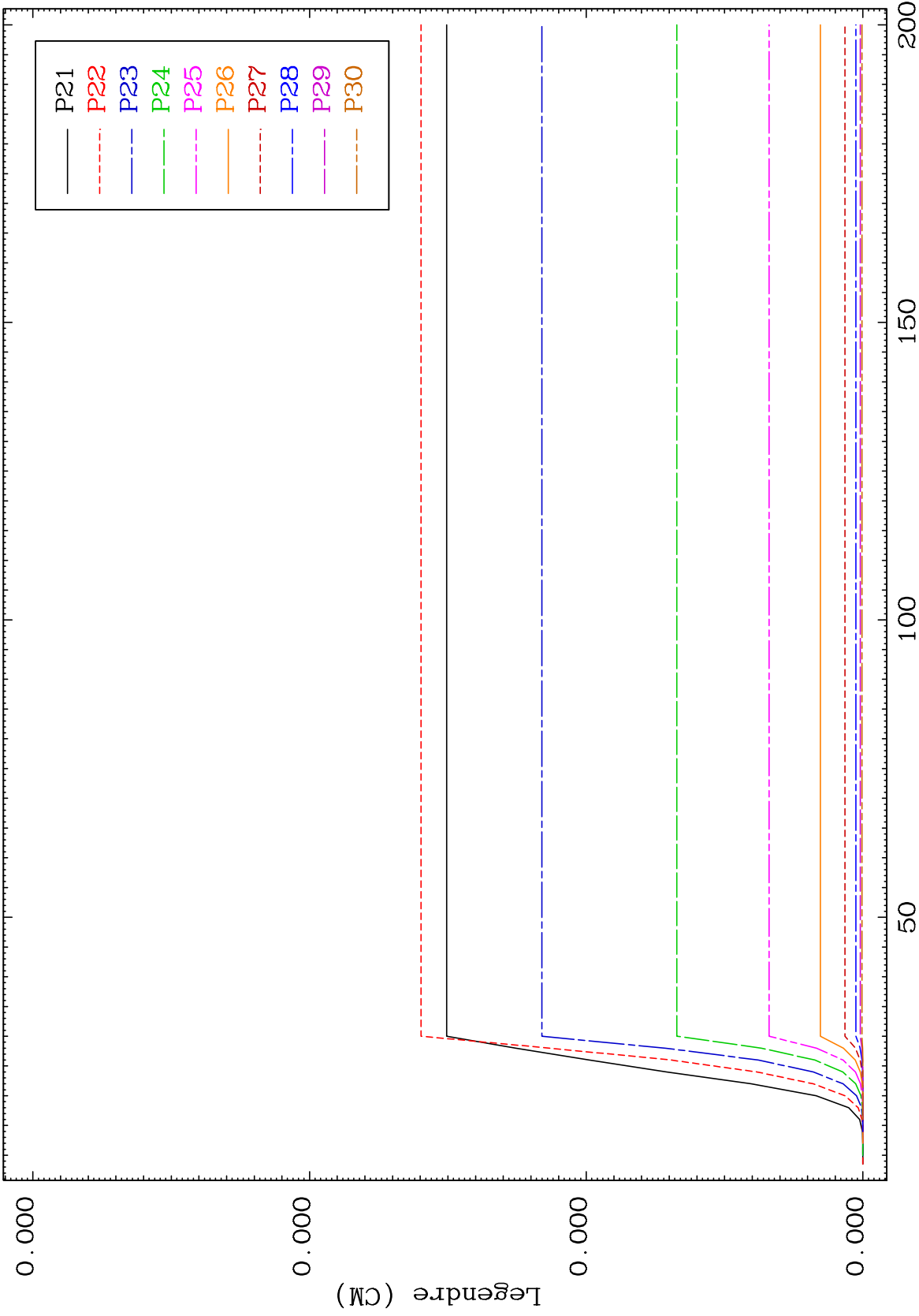
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



50

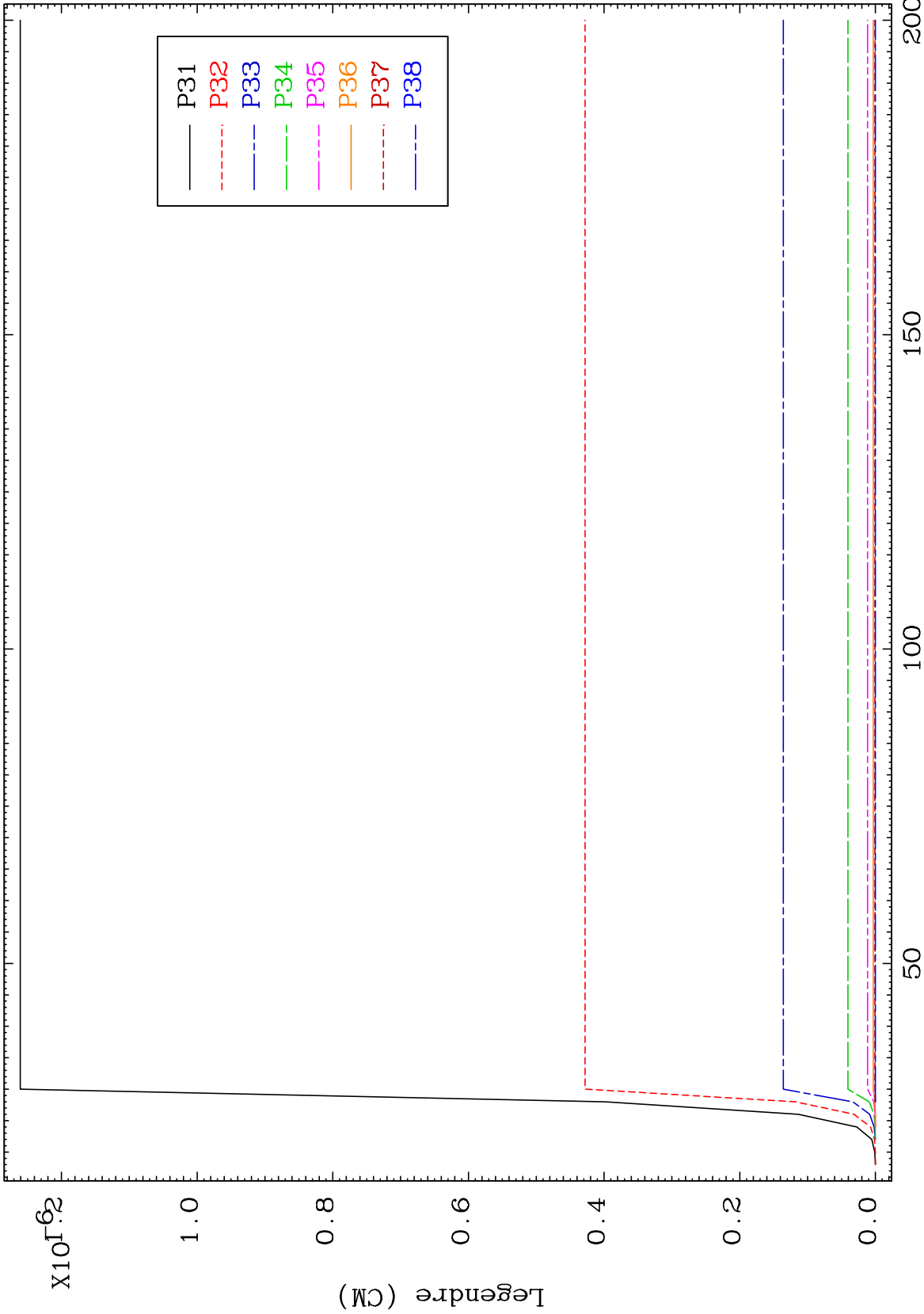
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



51

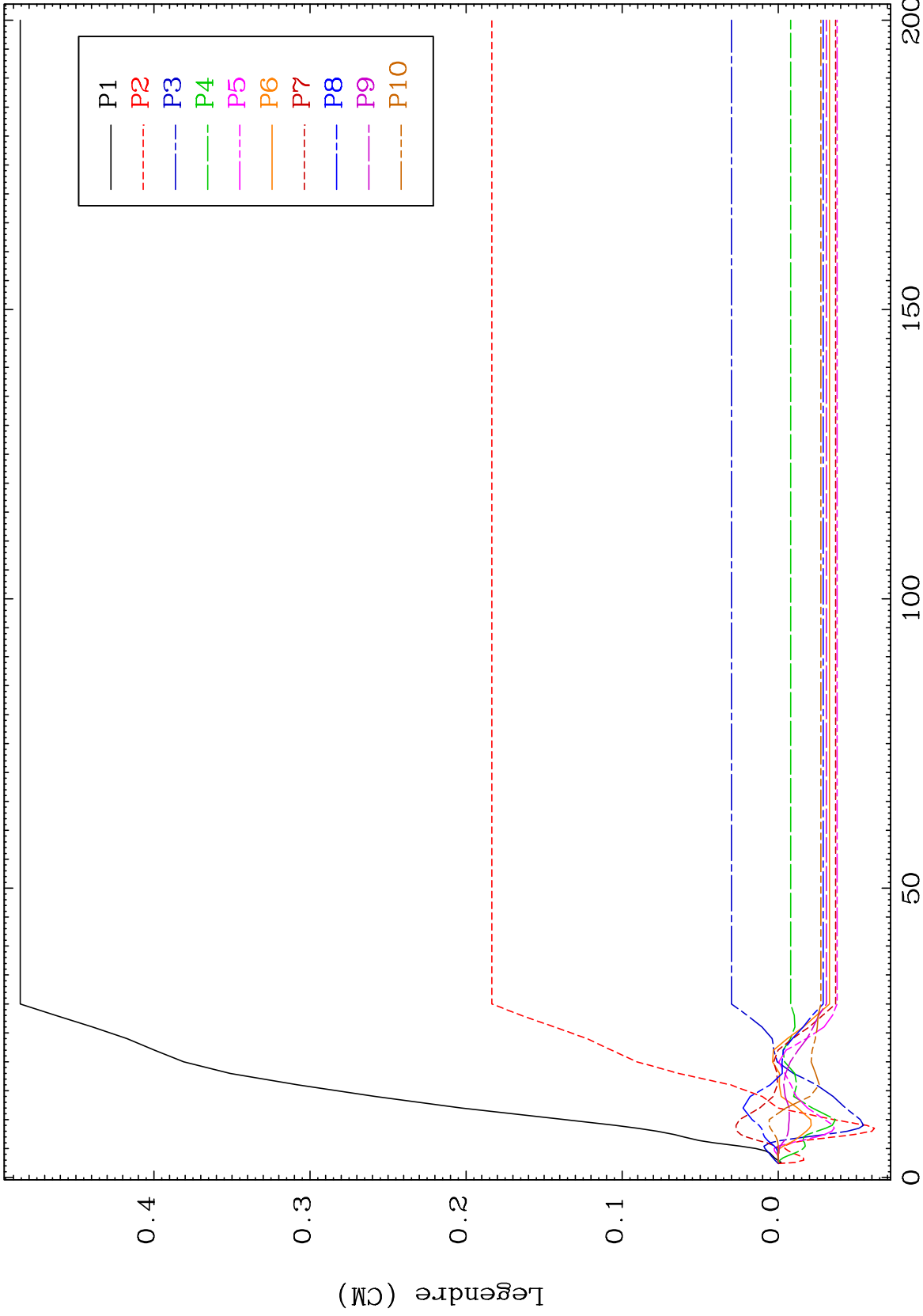
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



52

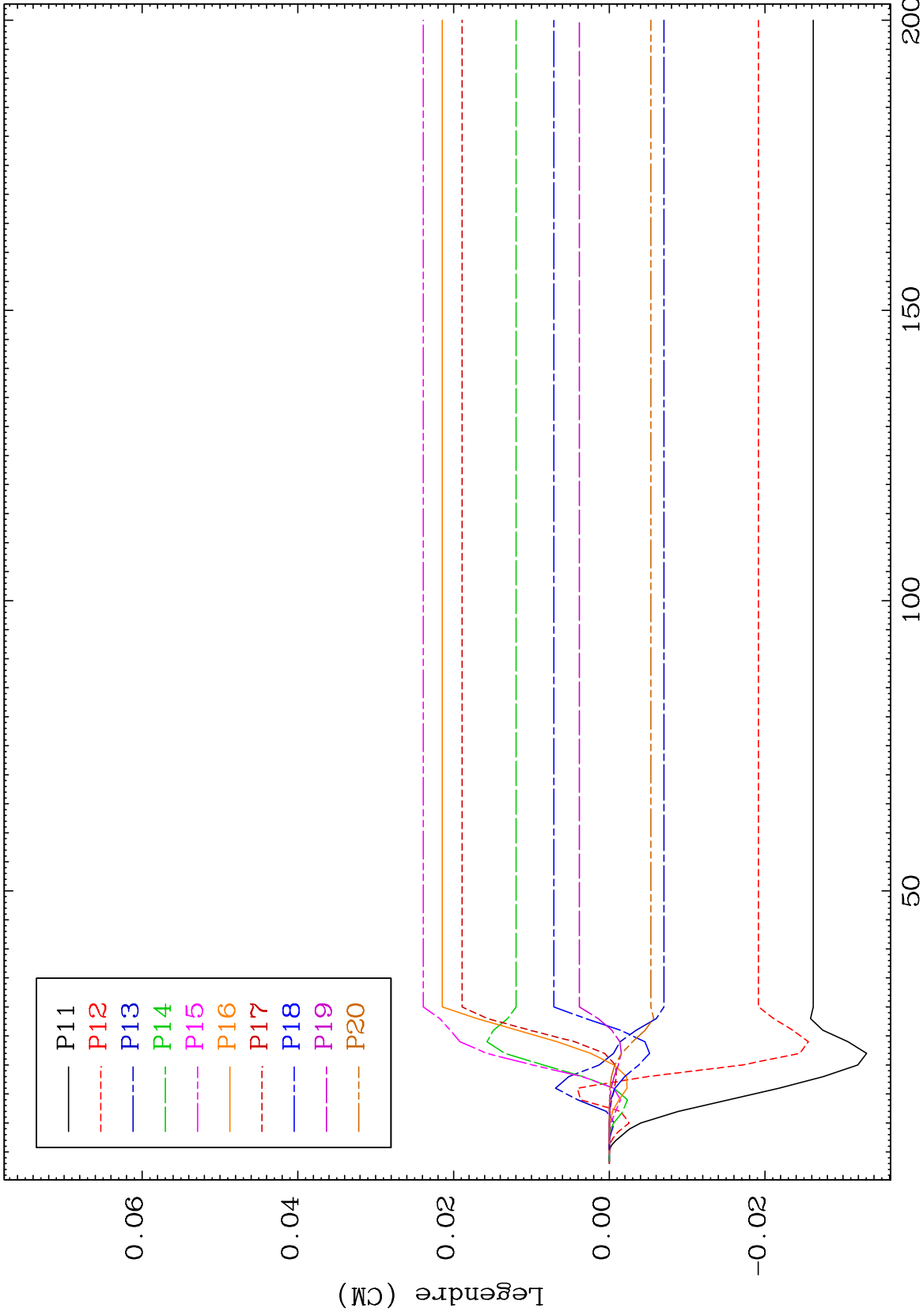
Incident Energy (MeV)

84-Po-210

MAT 8437

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

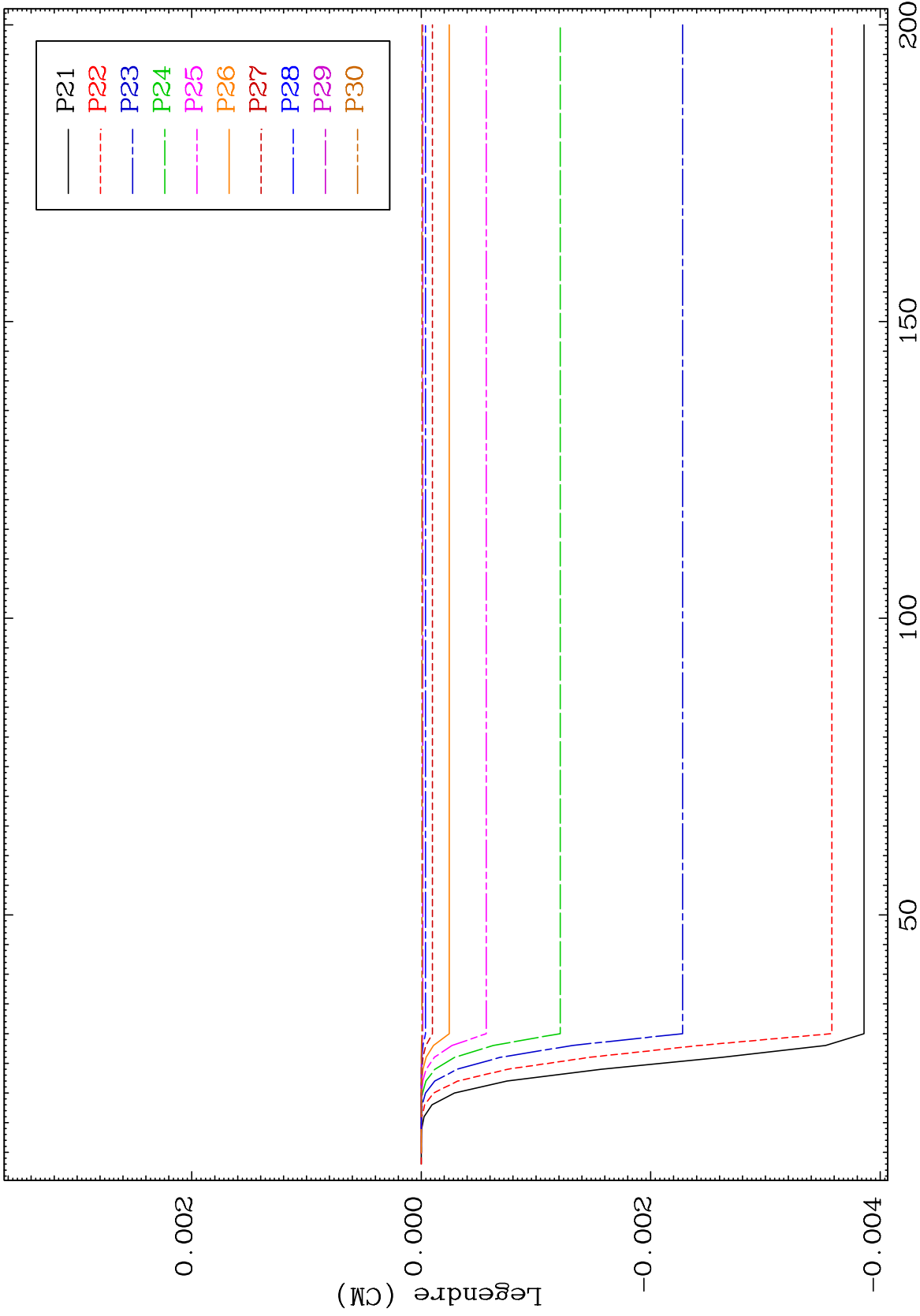
84-Po-210



MAT 8437

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

84-Po-210



54

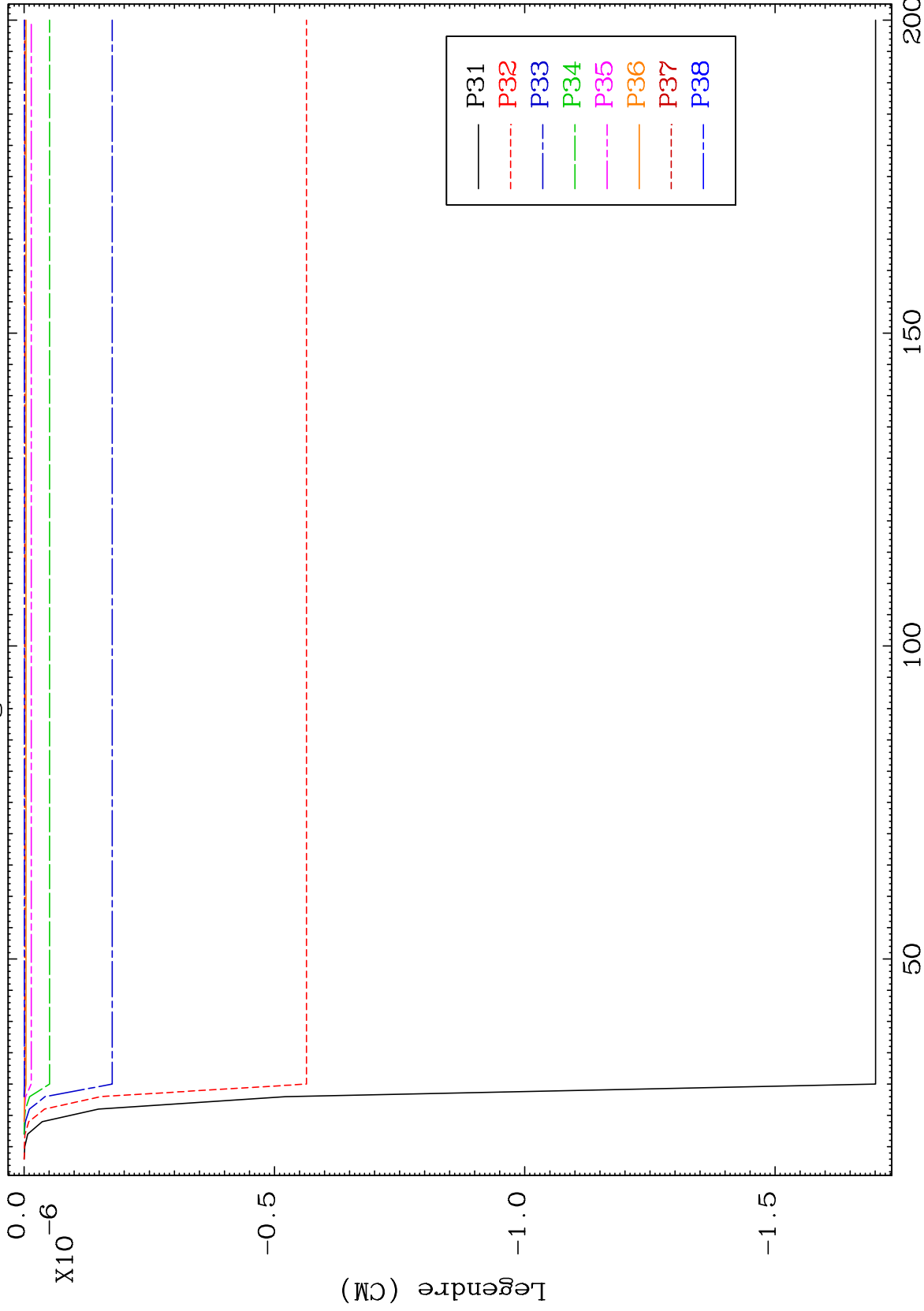
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



84-Po-210

Incident Energy (MeV)

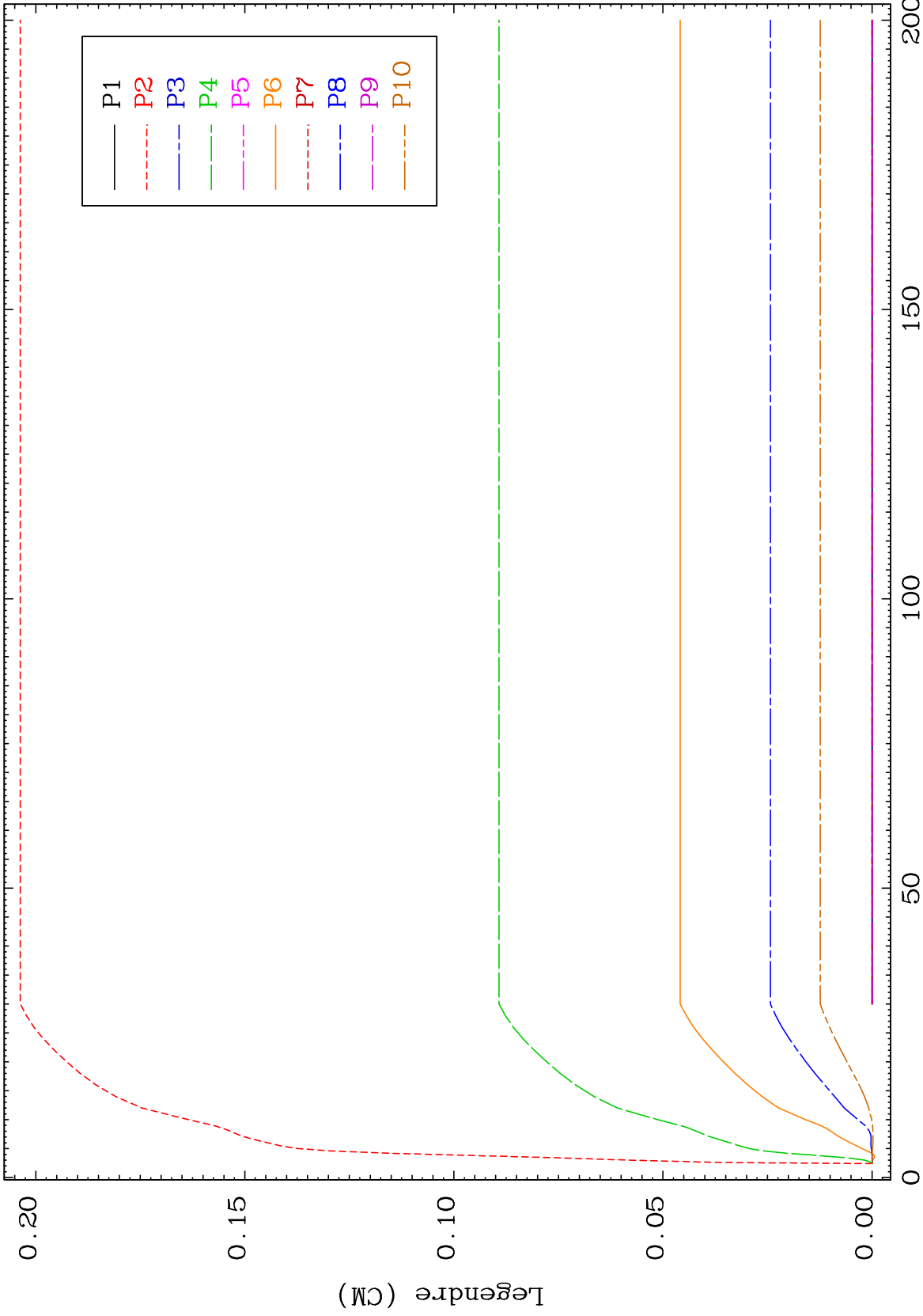
55



MAT 8437

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

84-Po-210



56

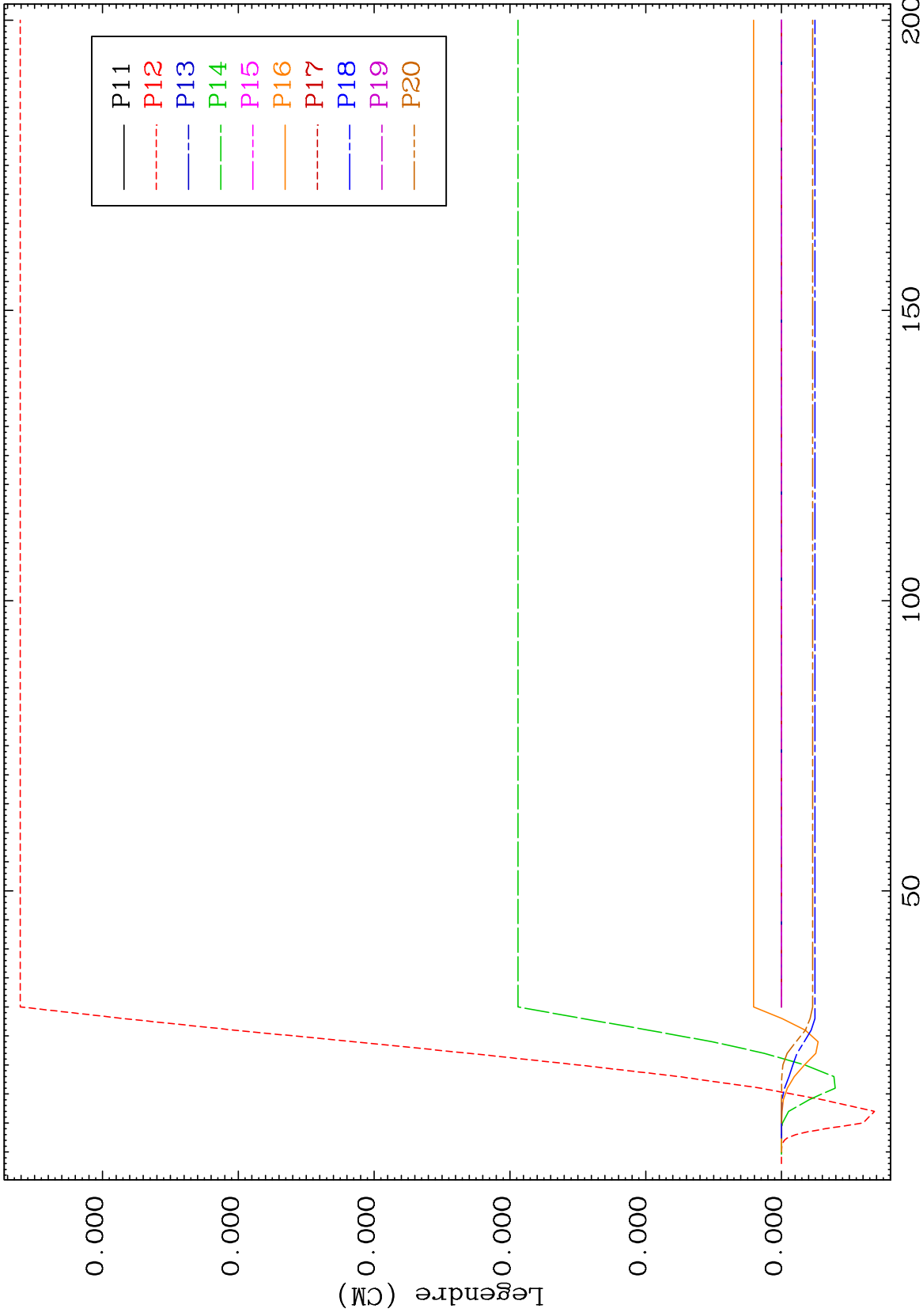
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



57

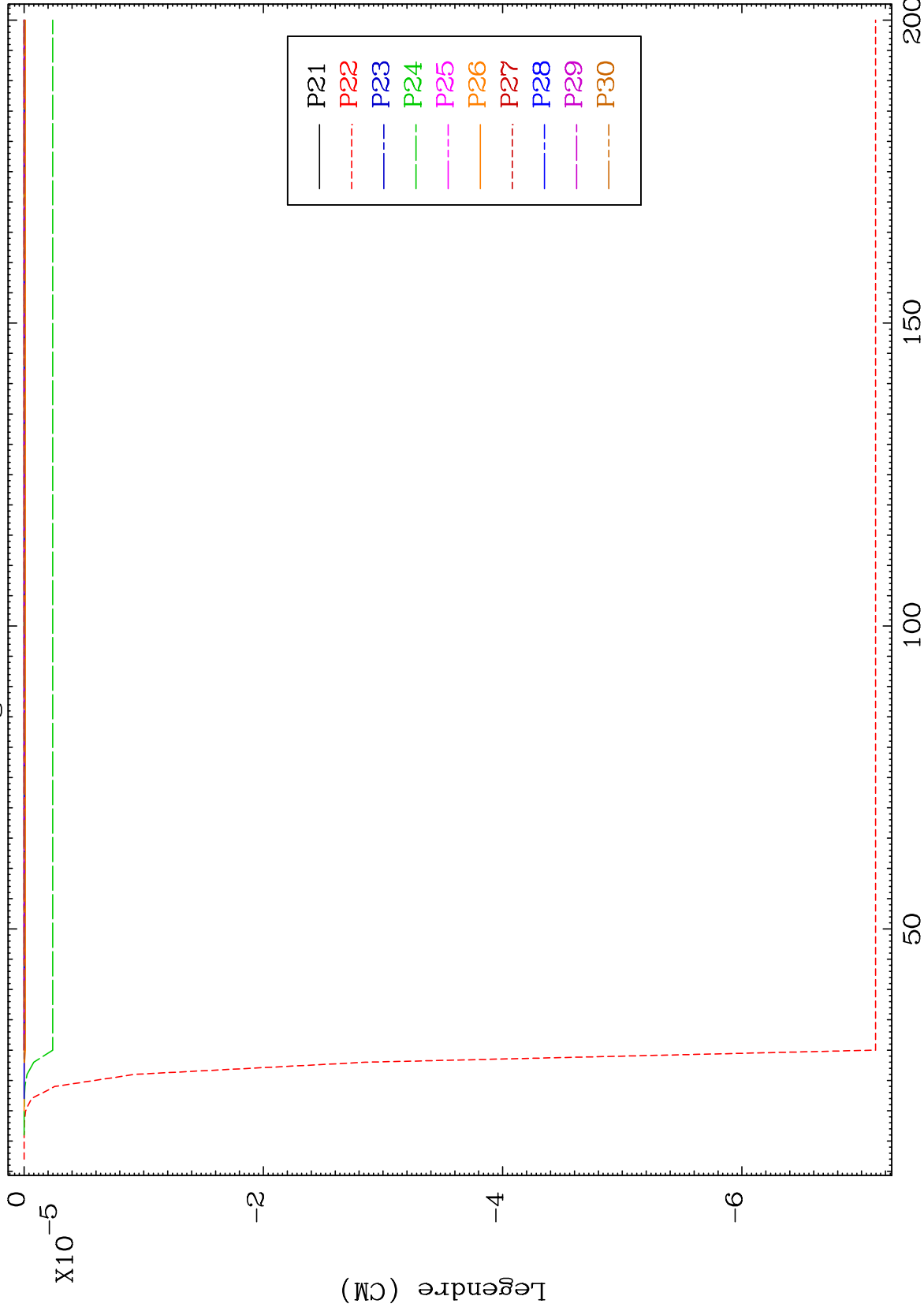
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



58

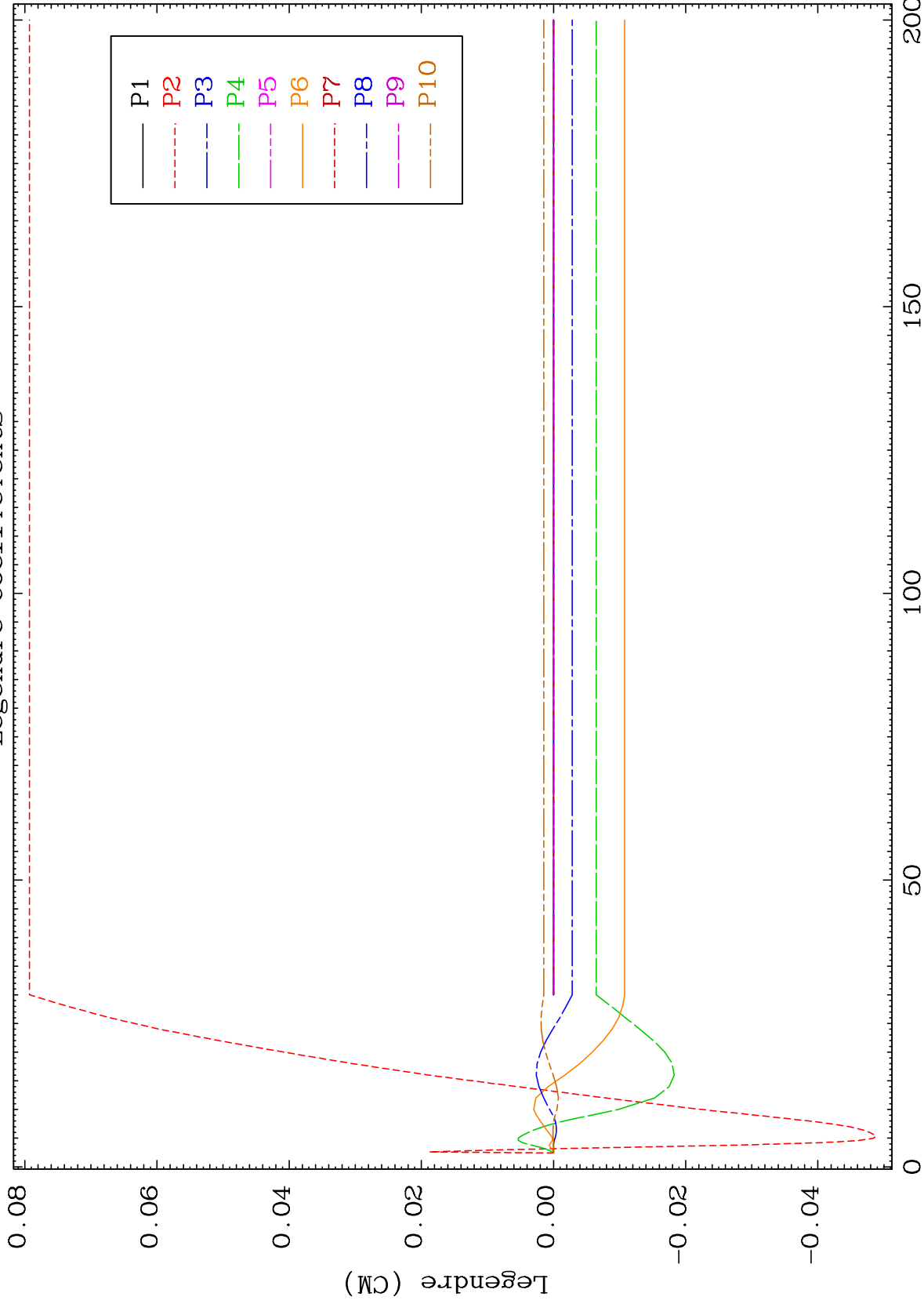
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



59

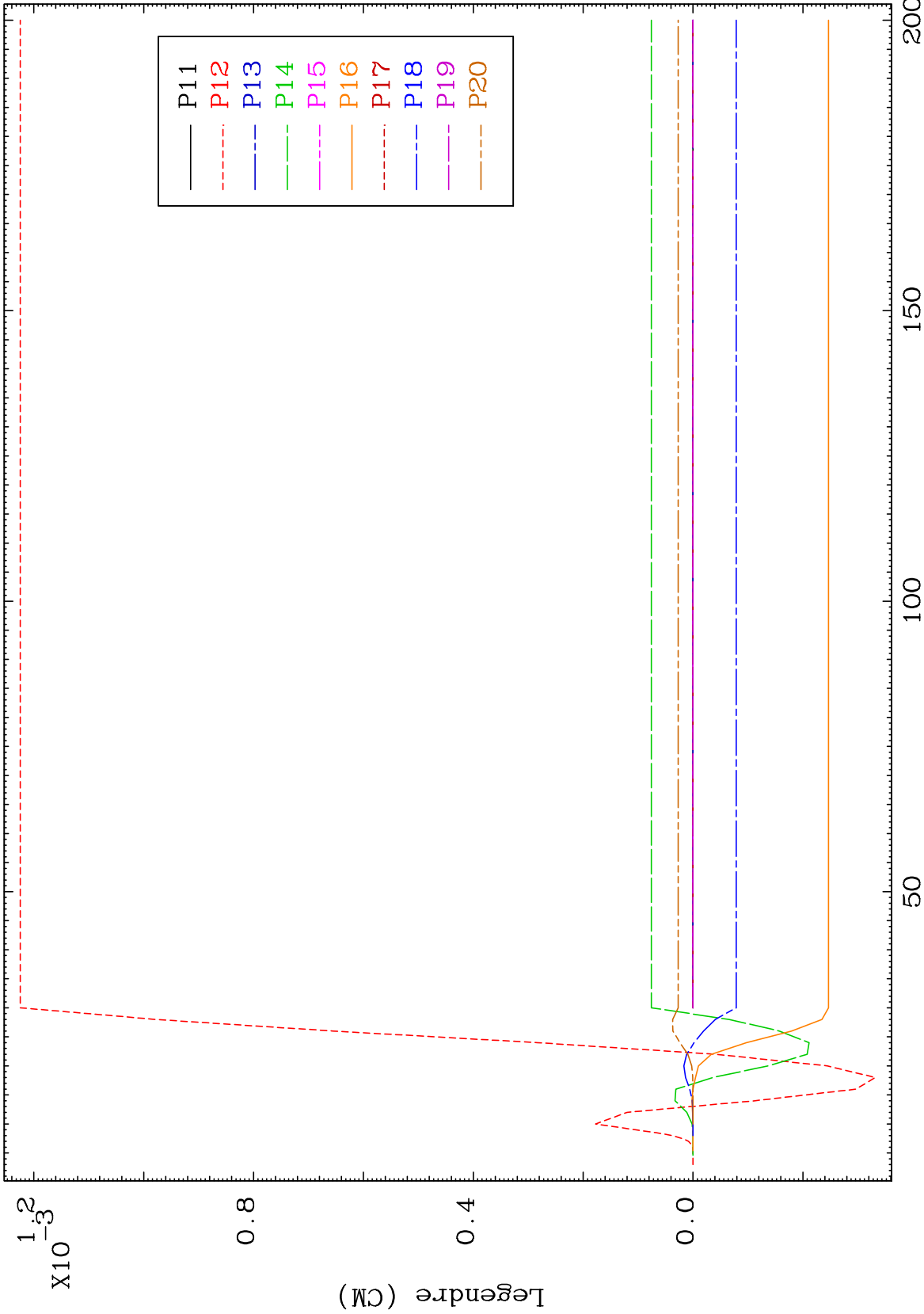
Incident Energy (MeV)

84-Po-210

MAT 8437

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

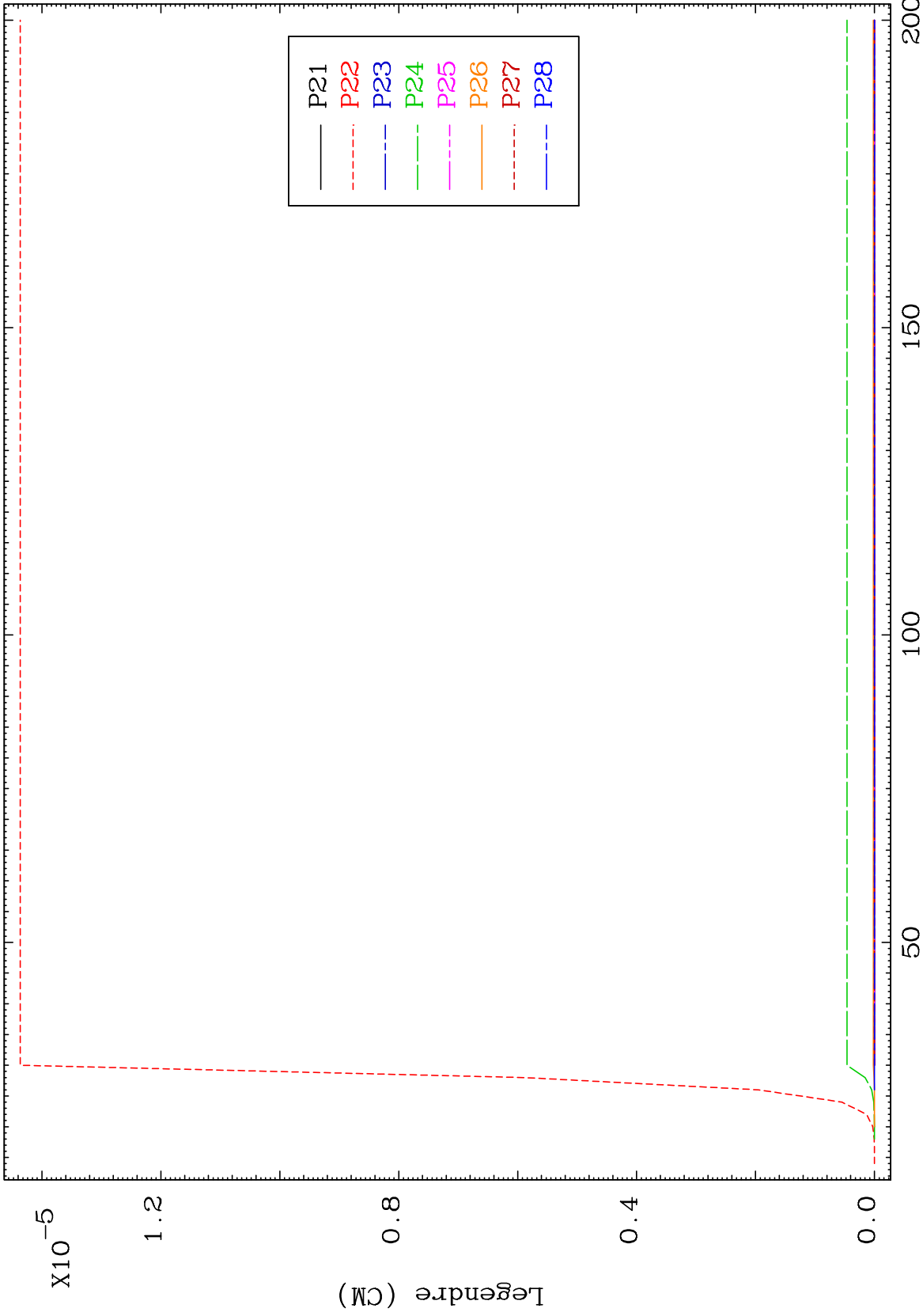
84-Po-210



MAT 8437

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

84-Po-210



61

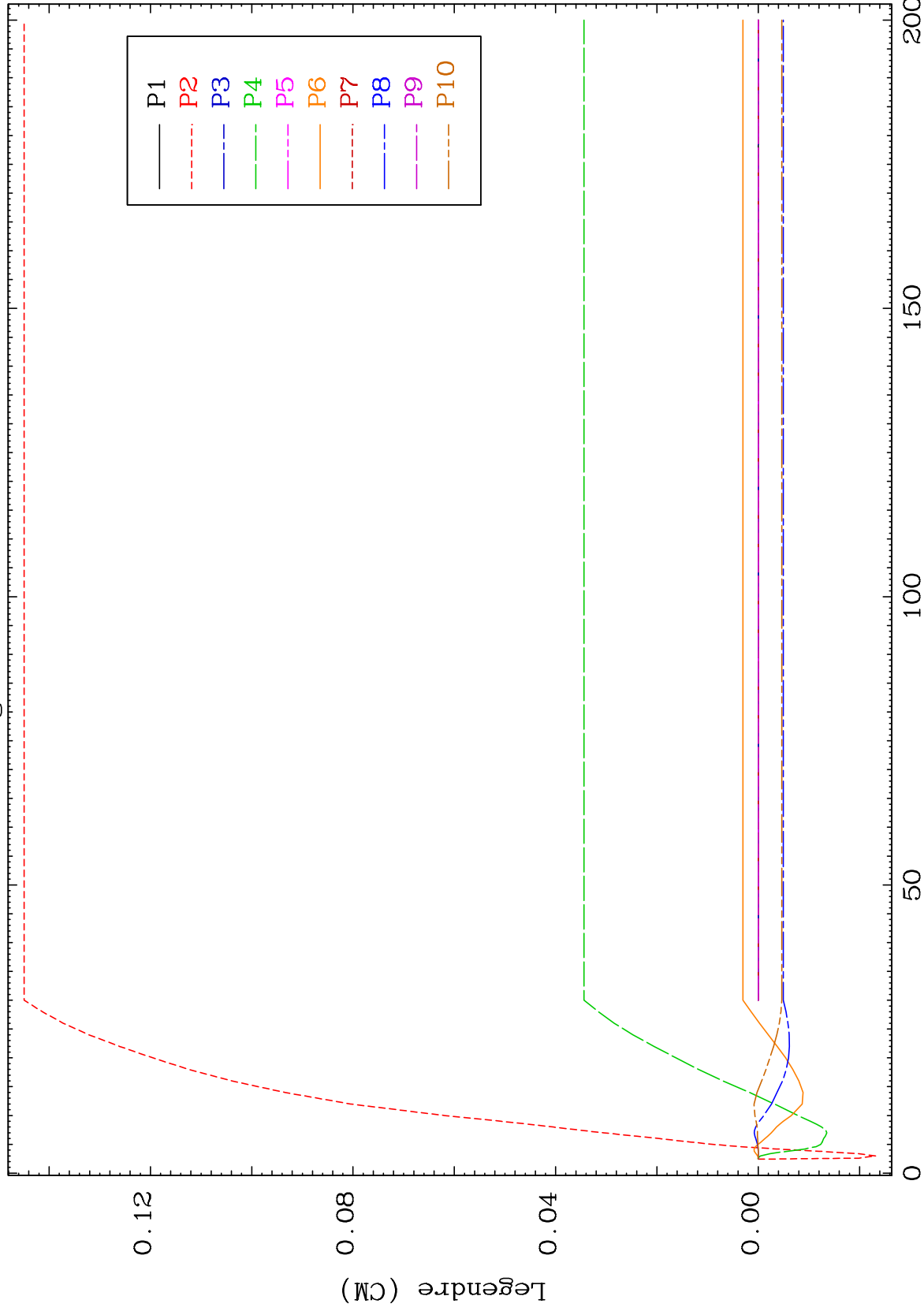
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



62

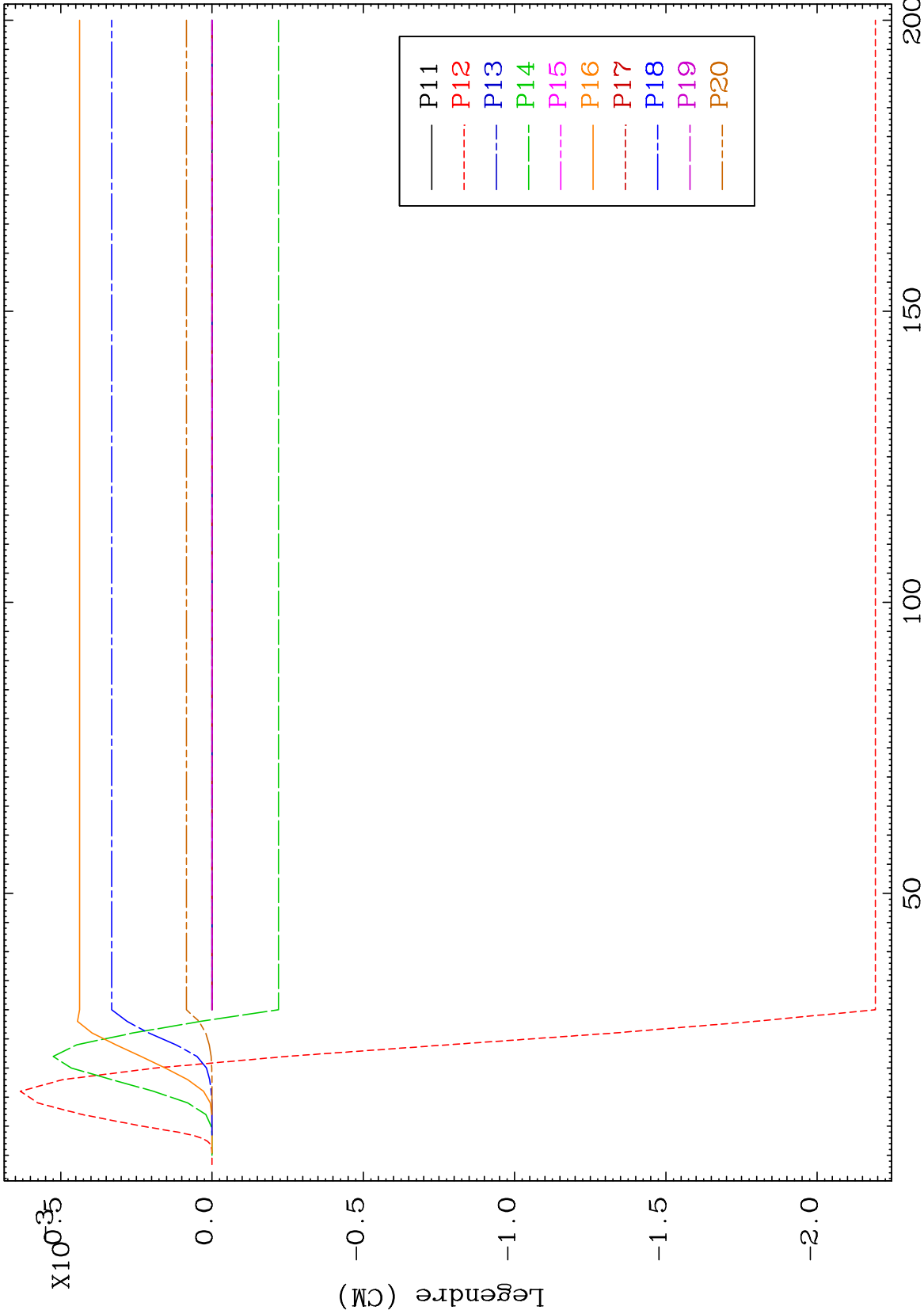
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



63

Incident Energy (MeV)

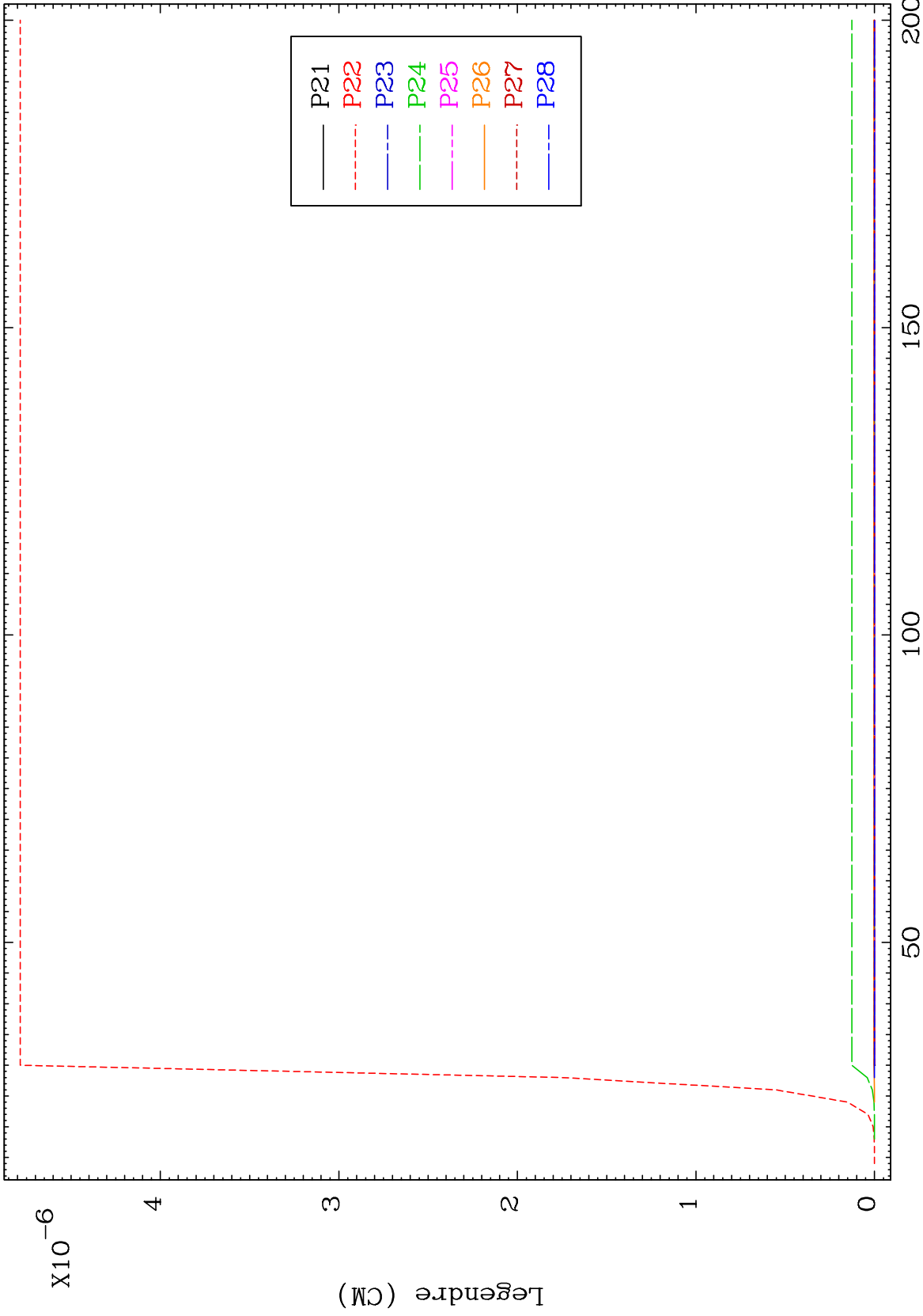
84-Po-210



MAT 8437

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

84-Po-210



64

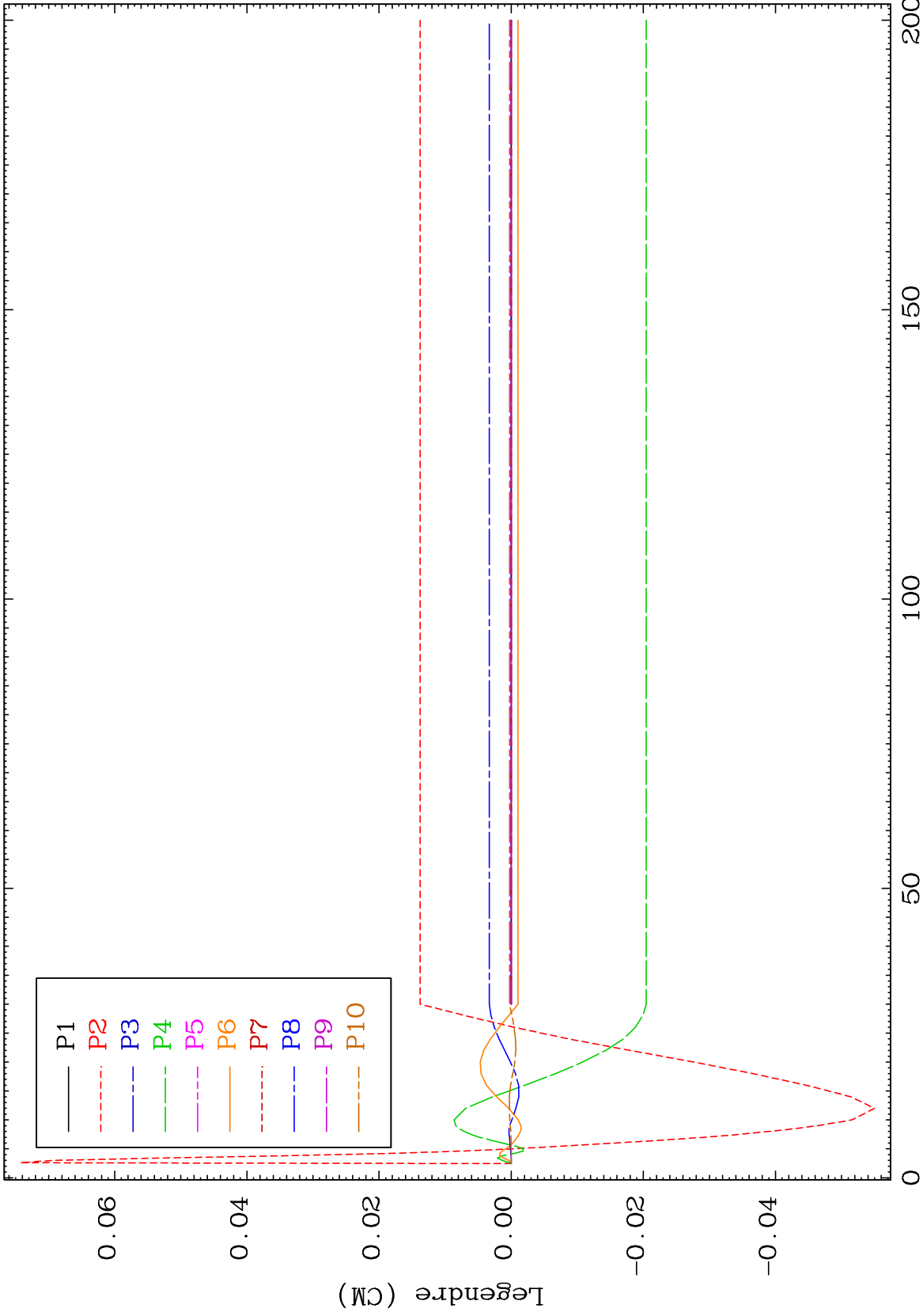
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



65

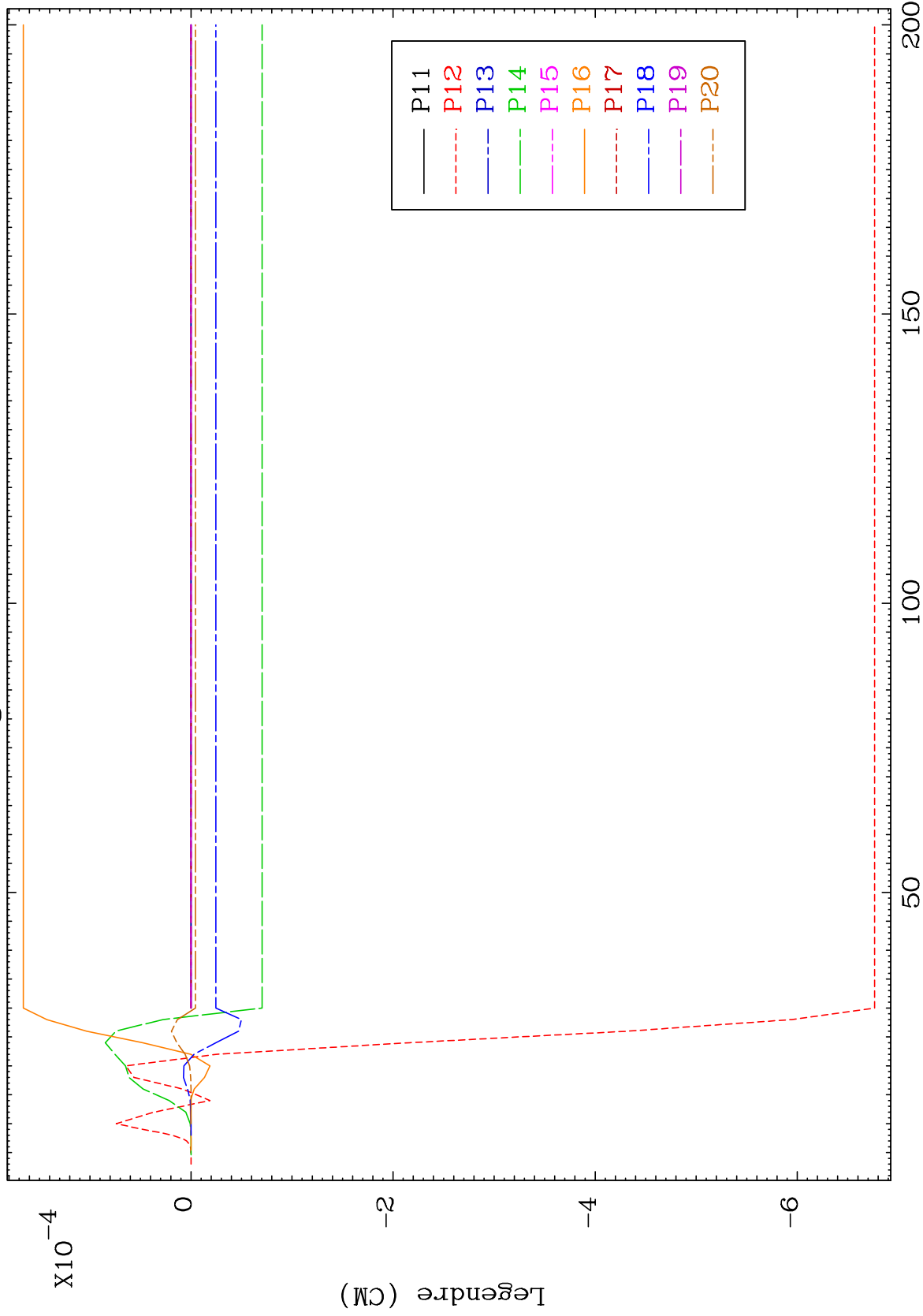
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



66

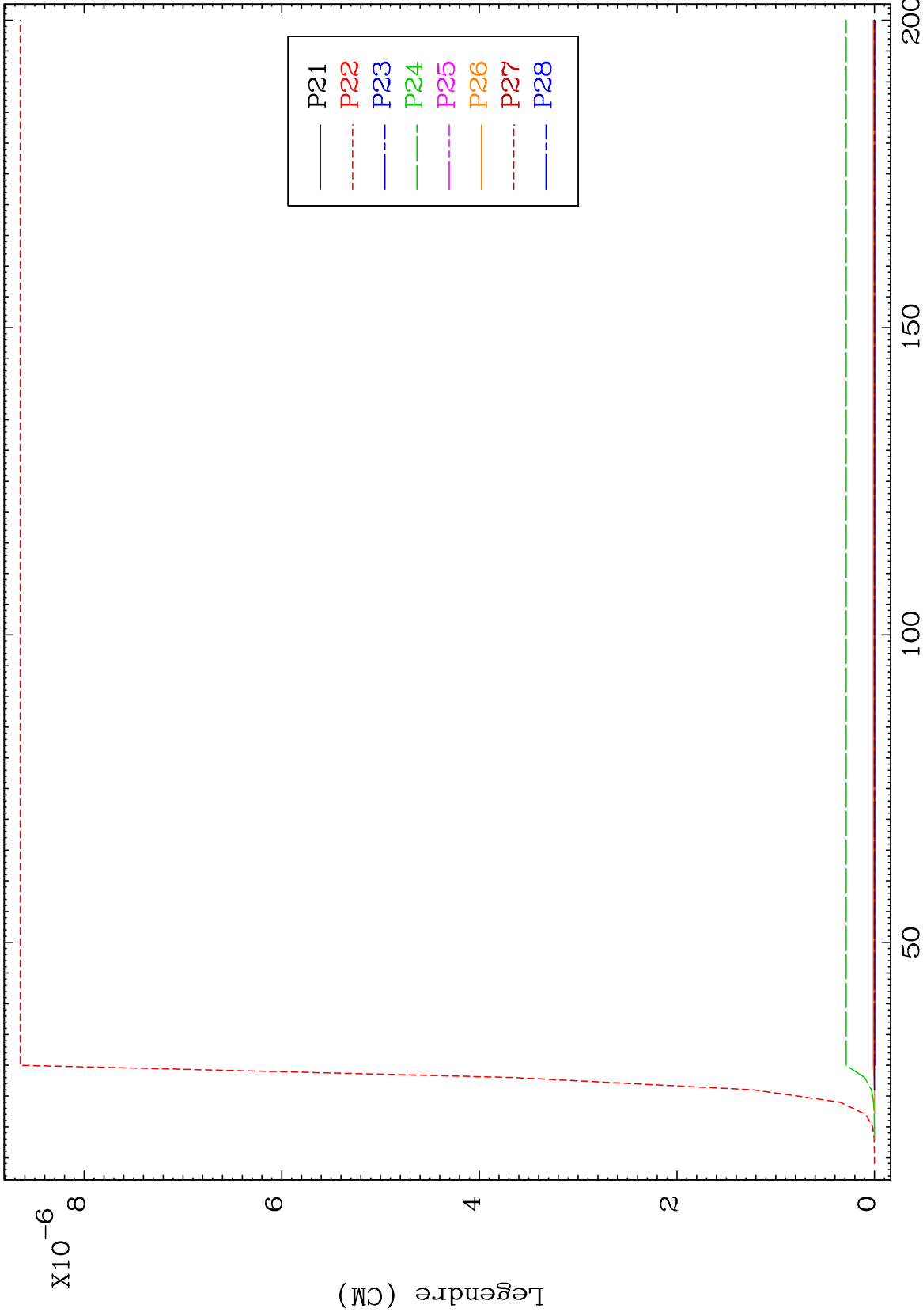
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



67

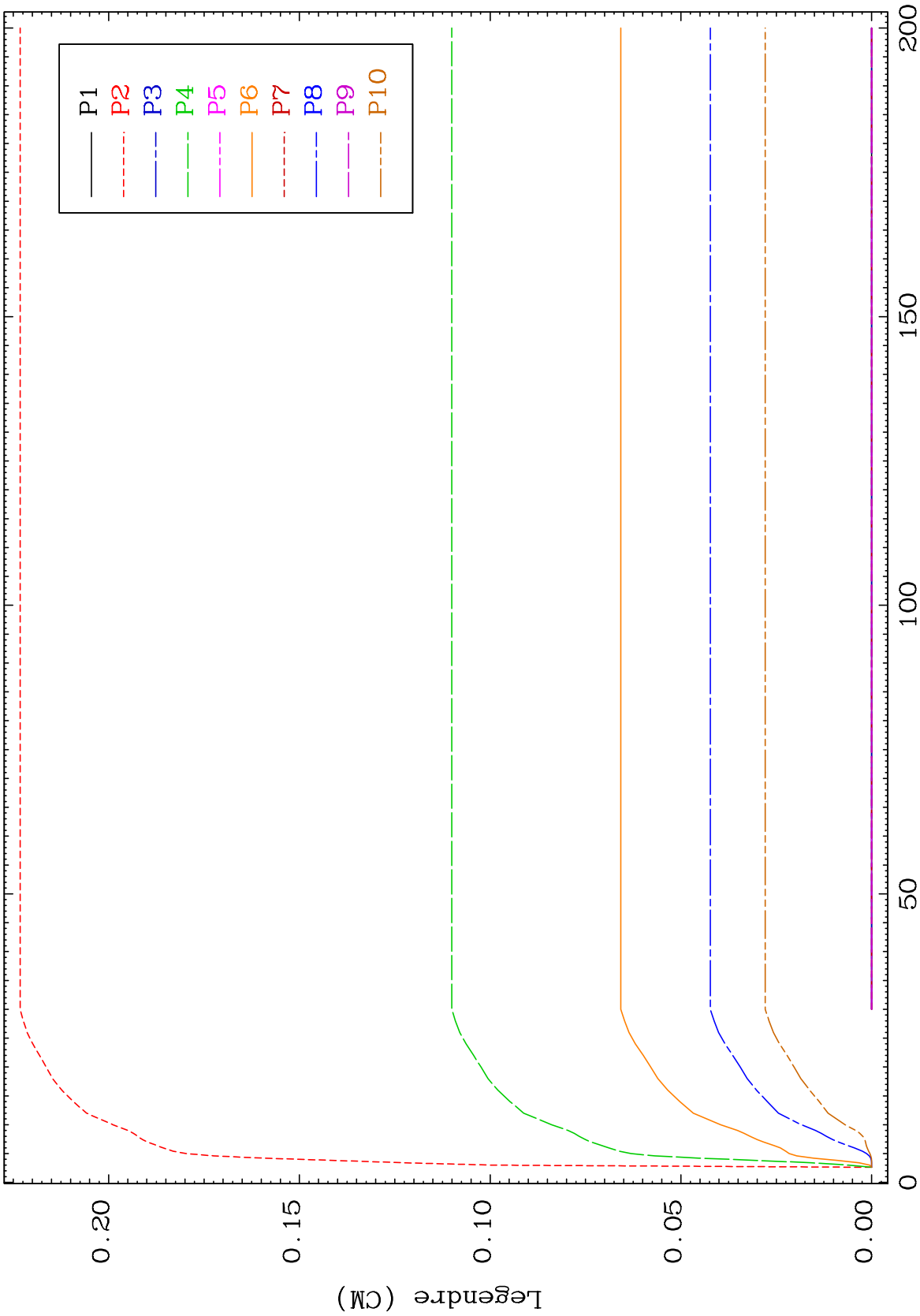
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



68

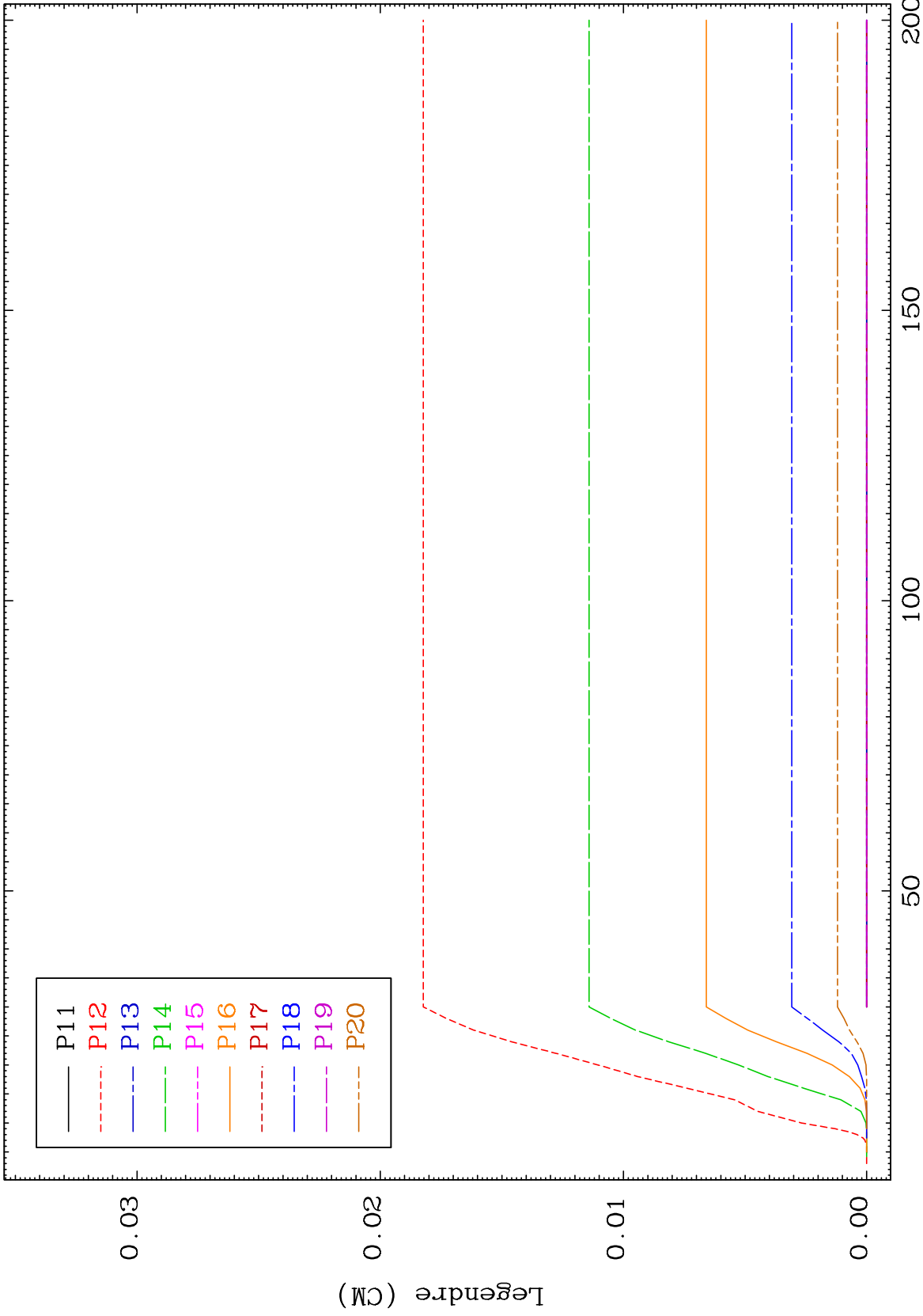
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210

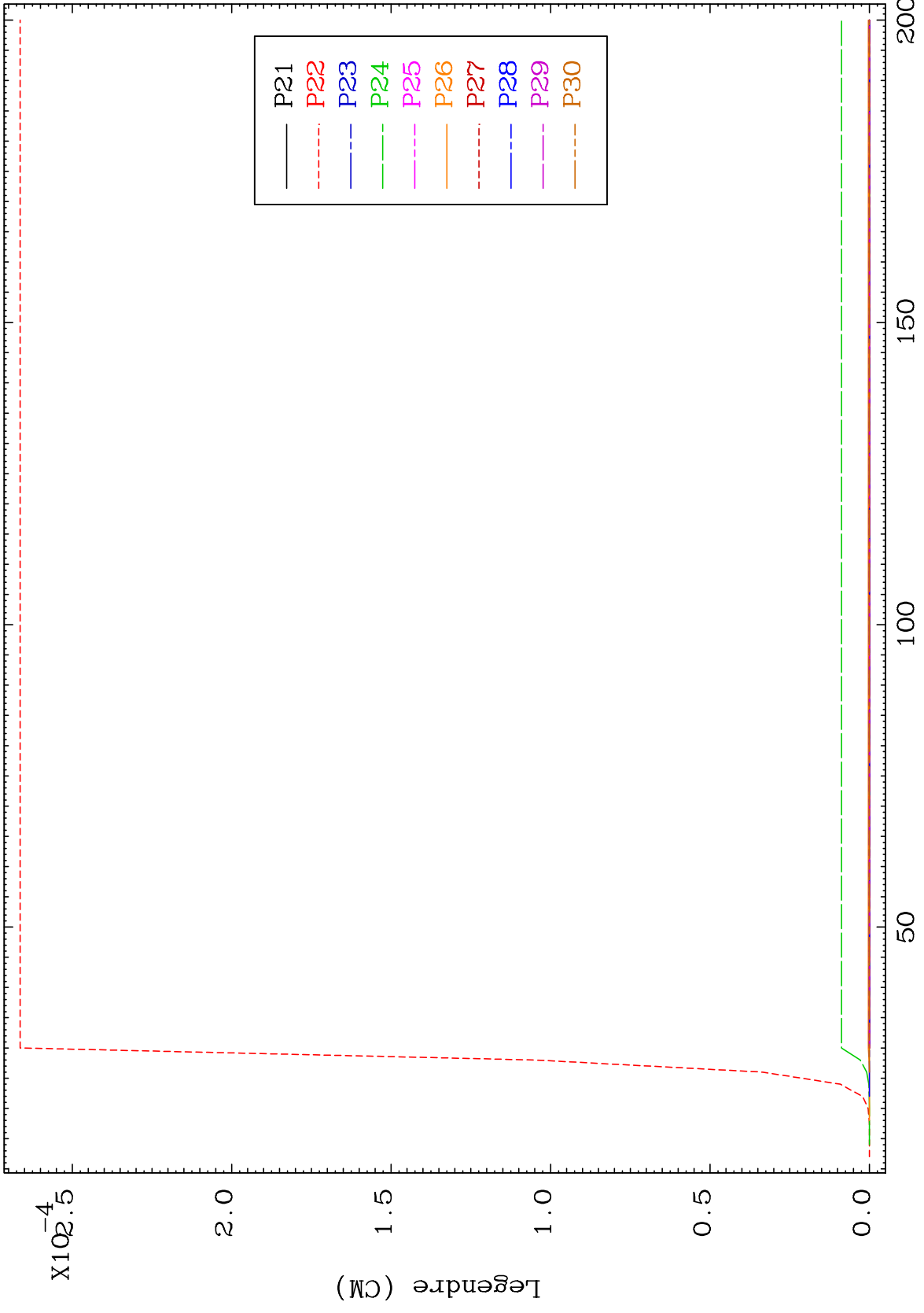


69

Incident Energy (MeV)

84-Po-210

MAT 8437 MT= 64 (n, n') Level Legendre Coefficients 84-Po-210

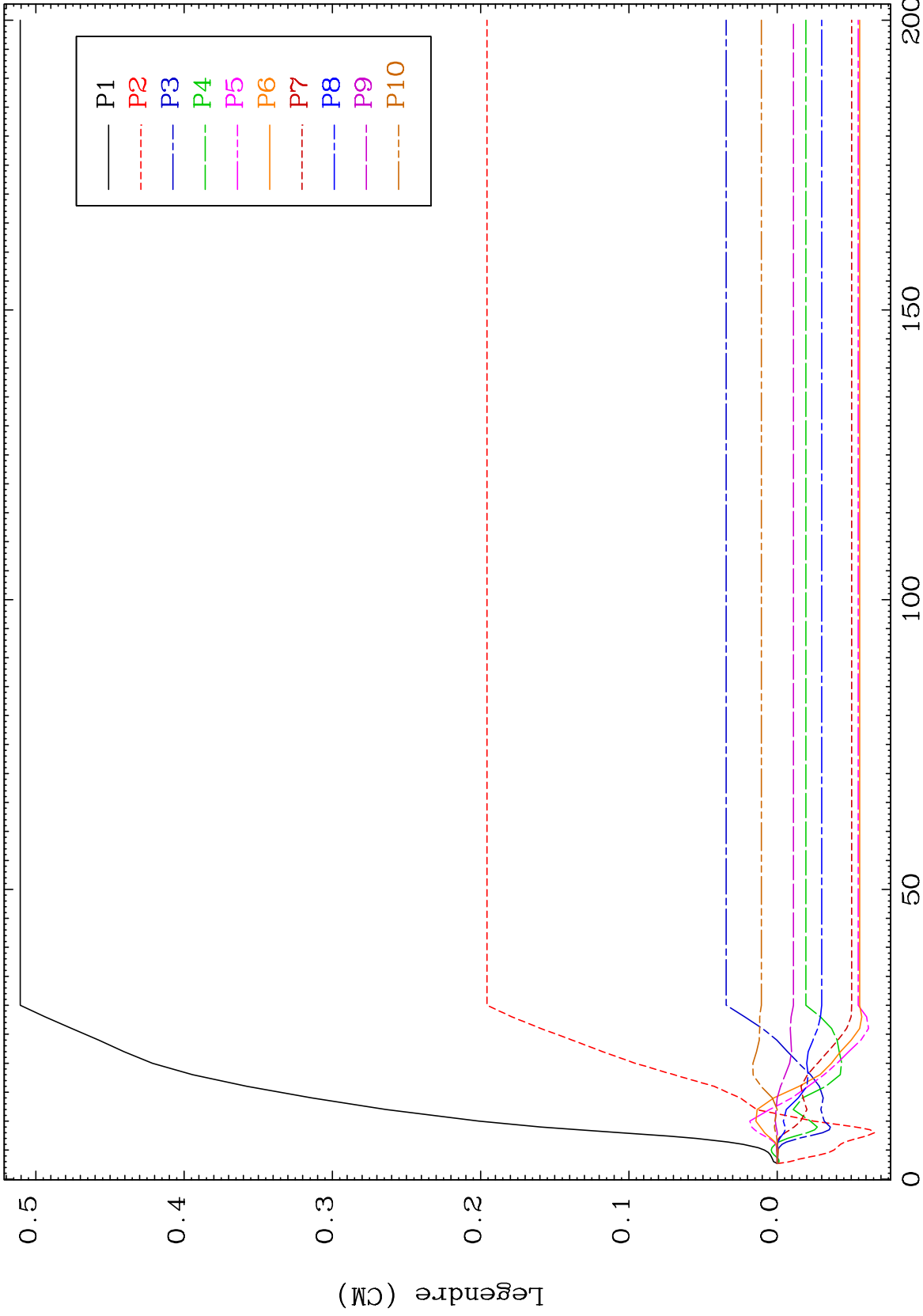


84-Po-210

MAT 8437

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

84-Po-210



71

Incident Energy (MeV)

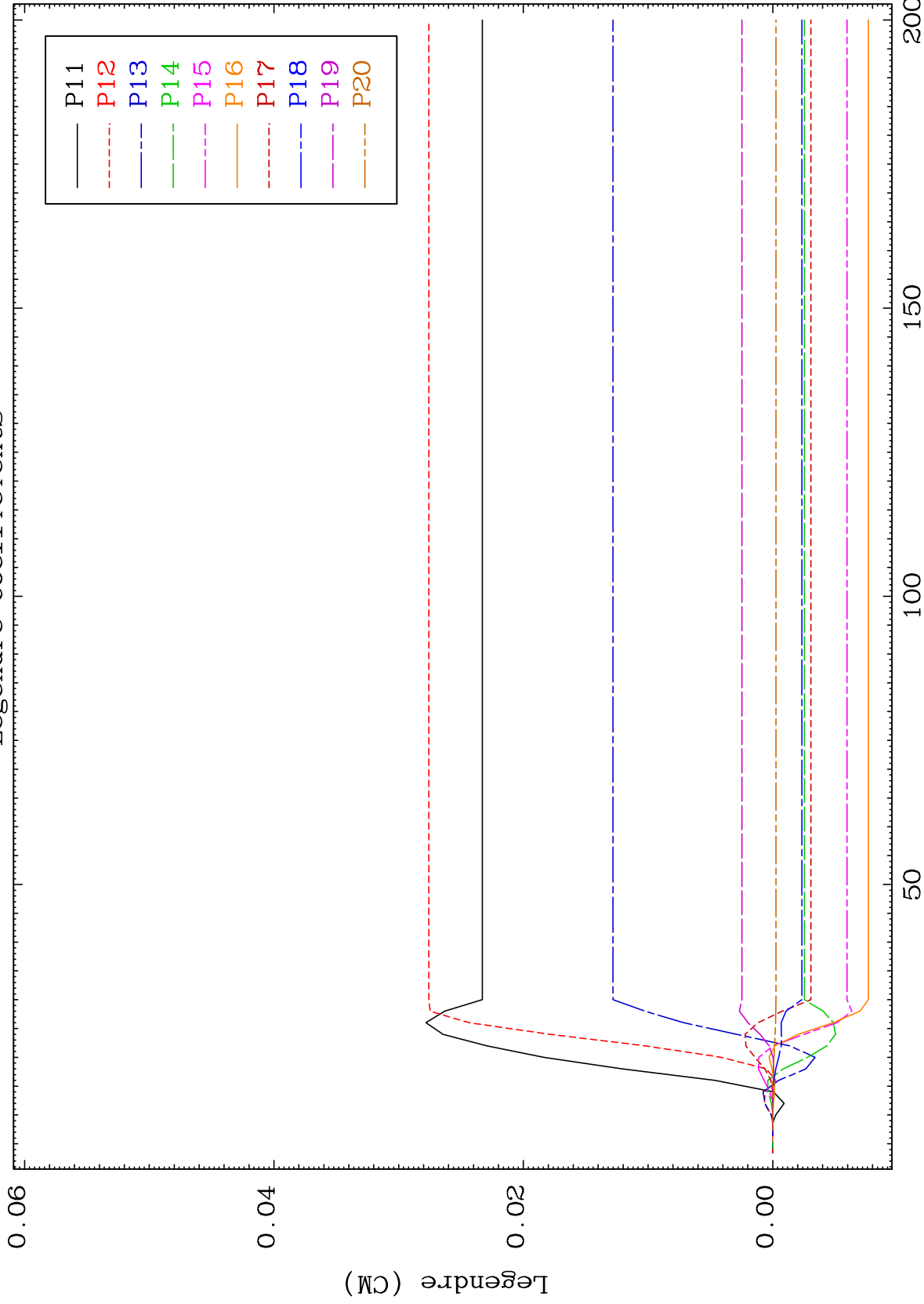
84-Po-210



MAT 8437

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

84-Po-210



72

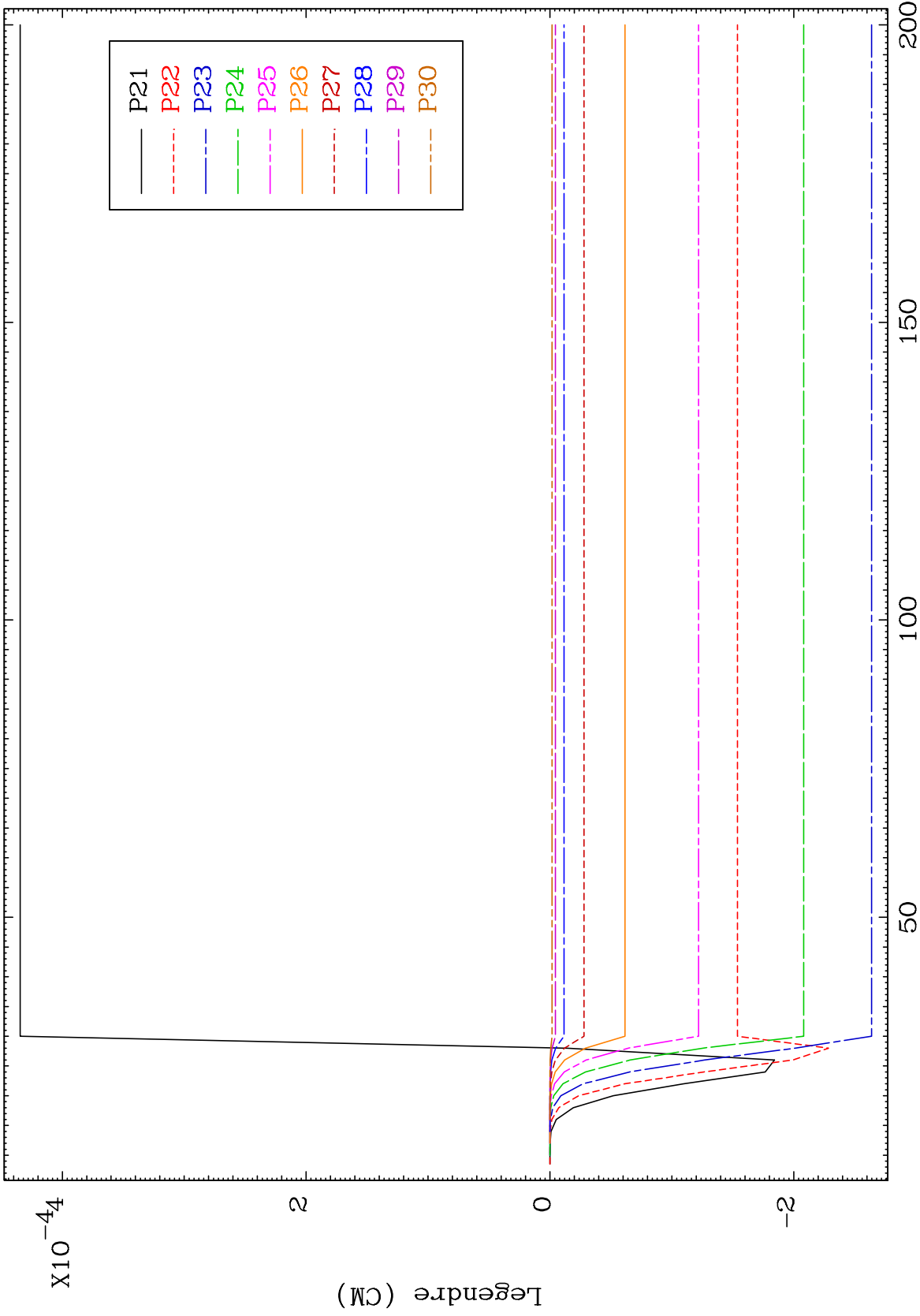
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



73

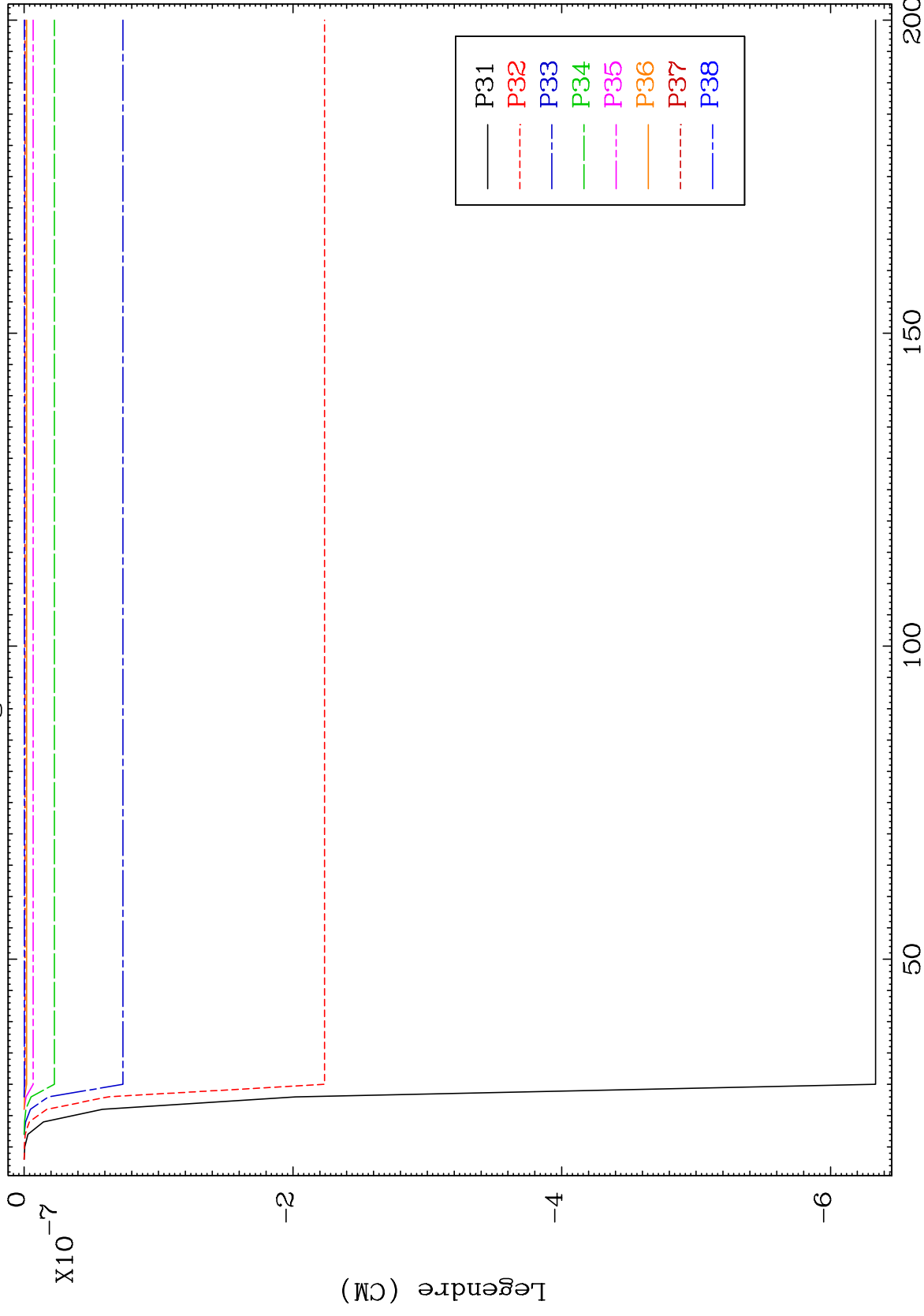
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



84-Po-210

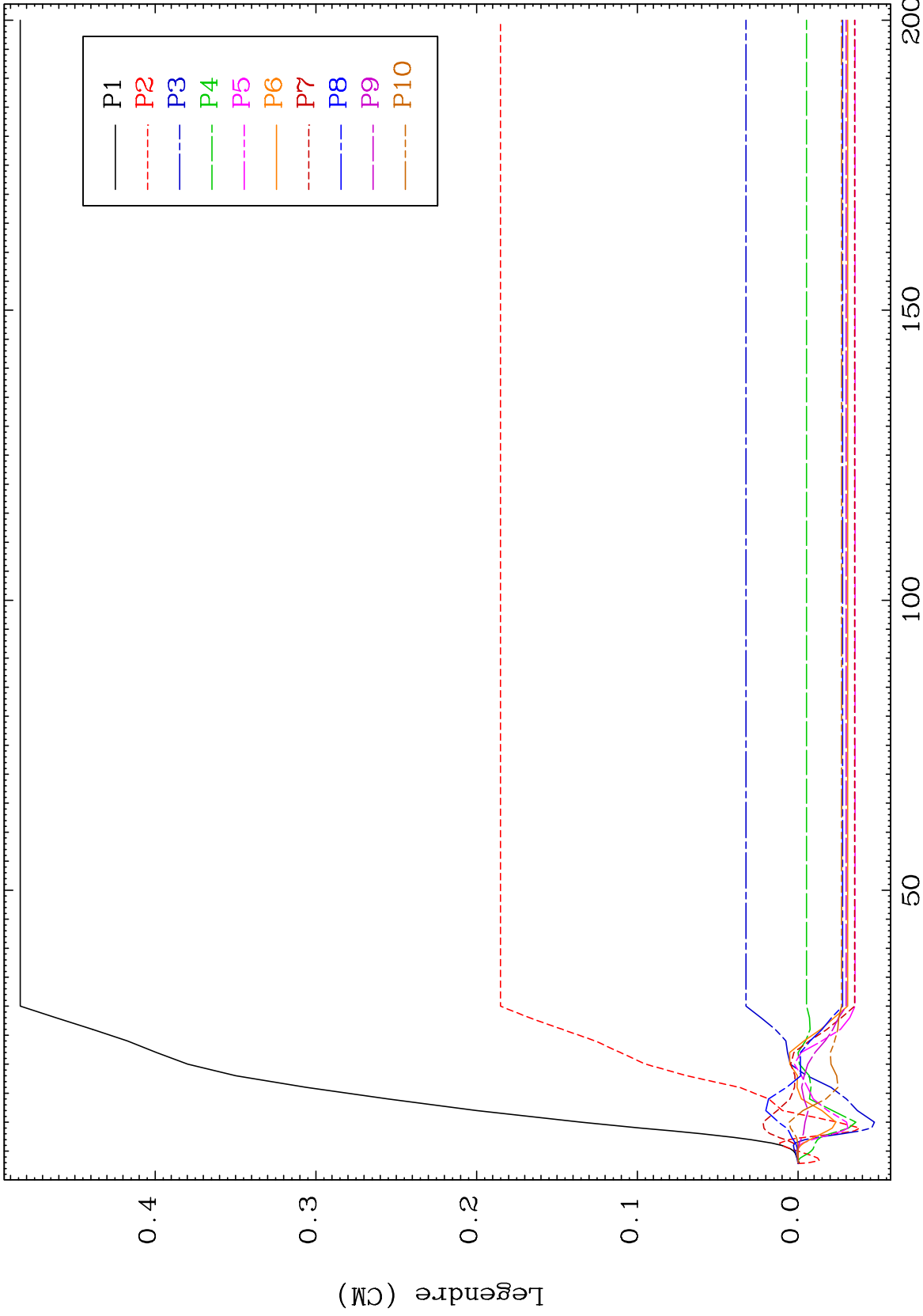
Incident Energy (MeV)

74

MAT 8437

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

84-Po-210



75

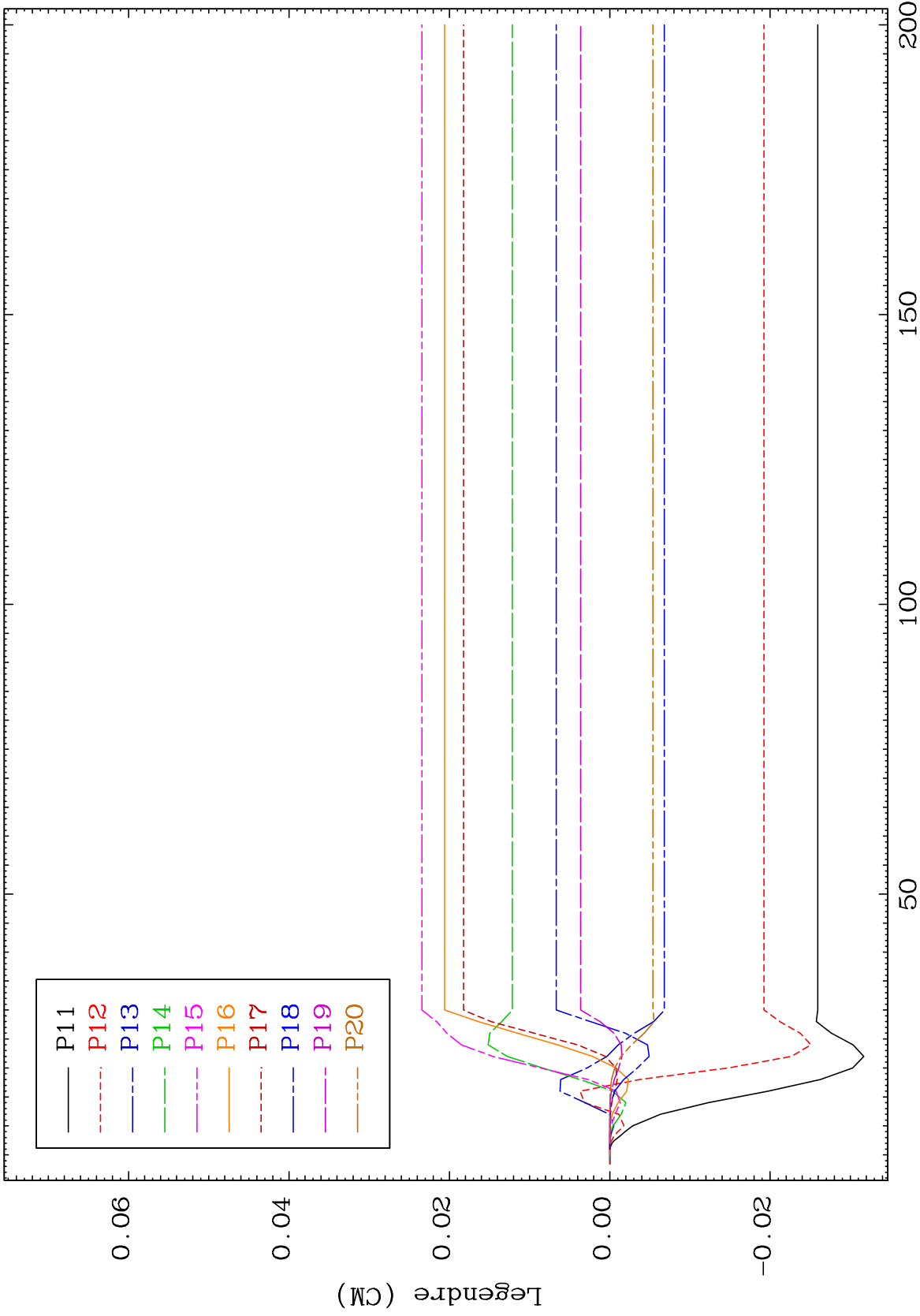
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



76

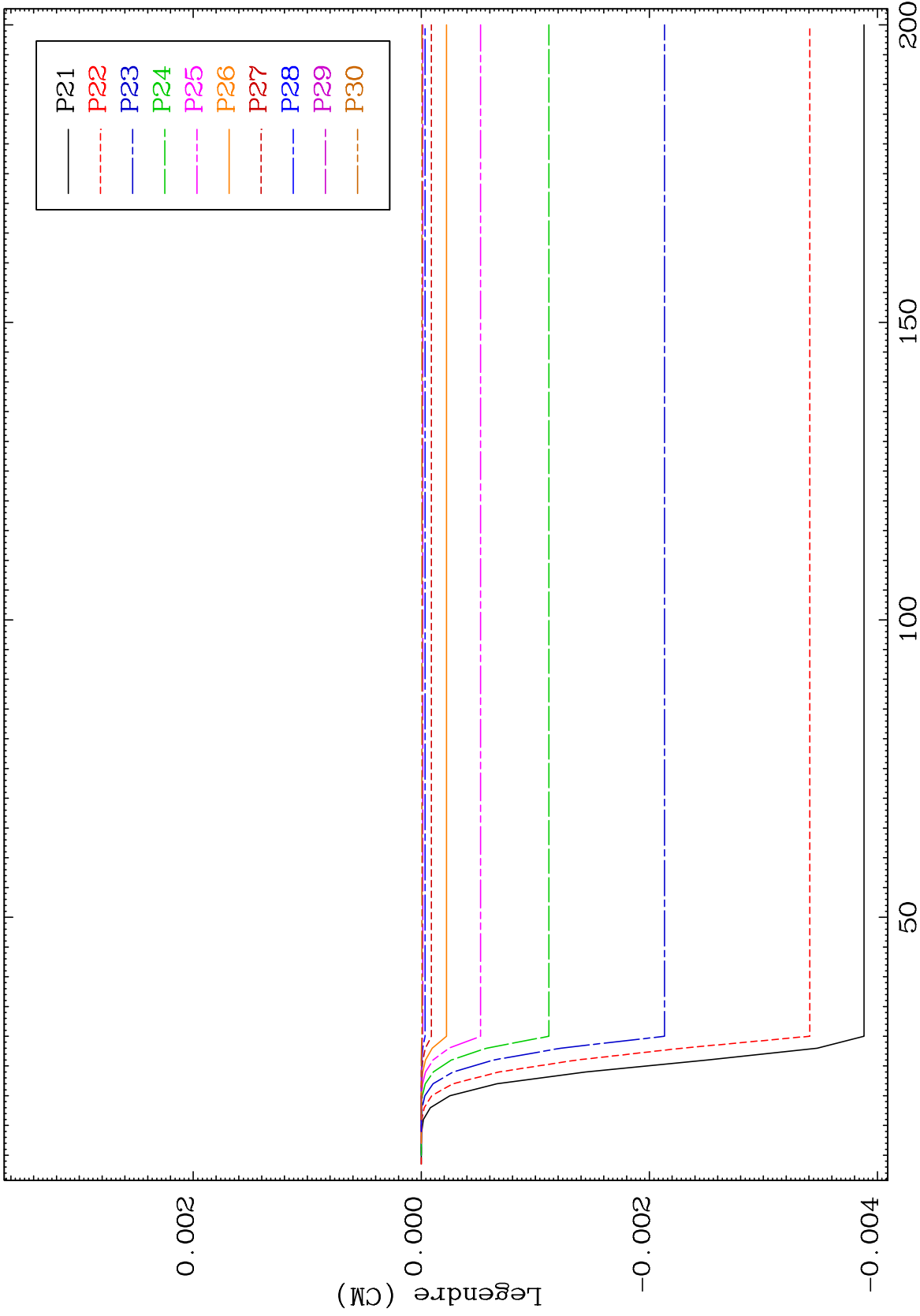
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



77

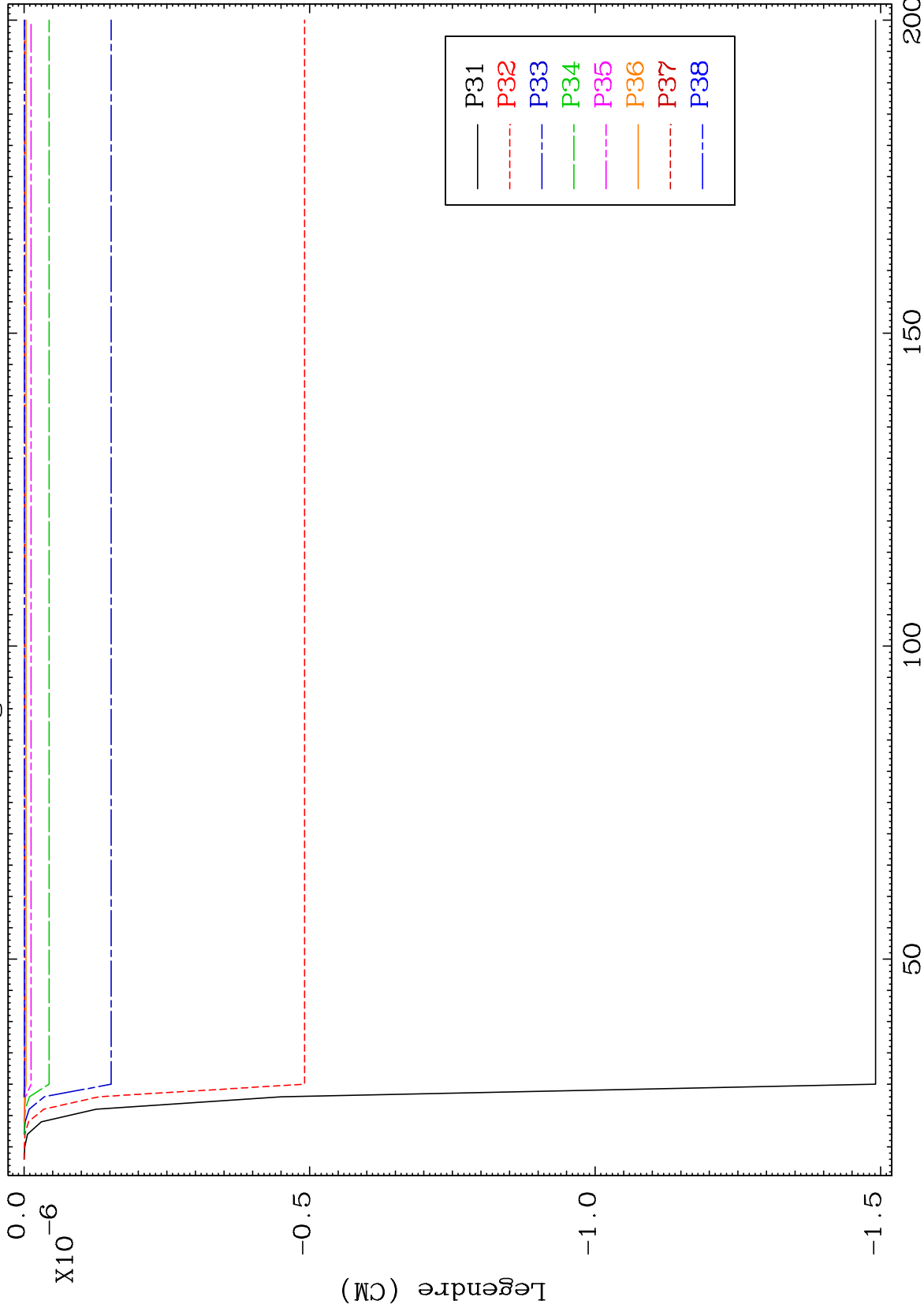
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



78

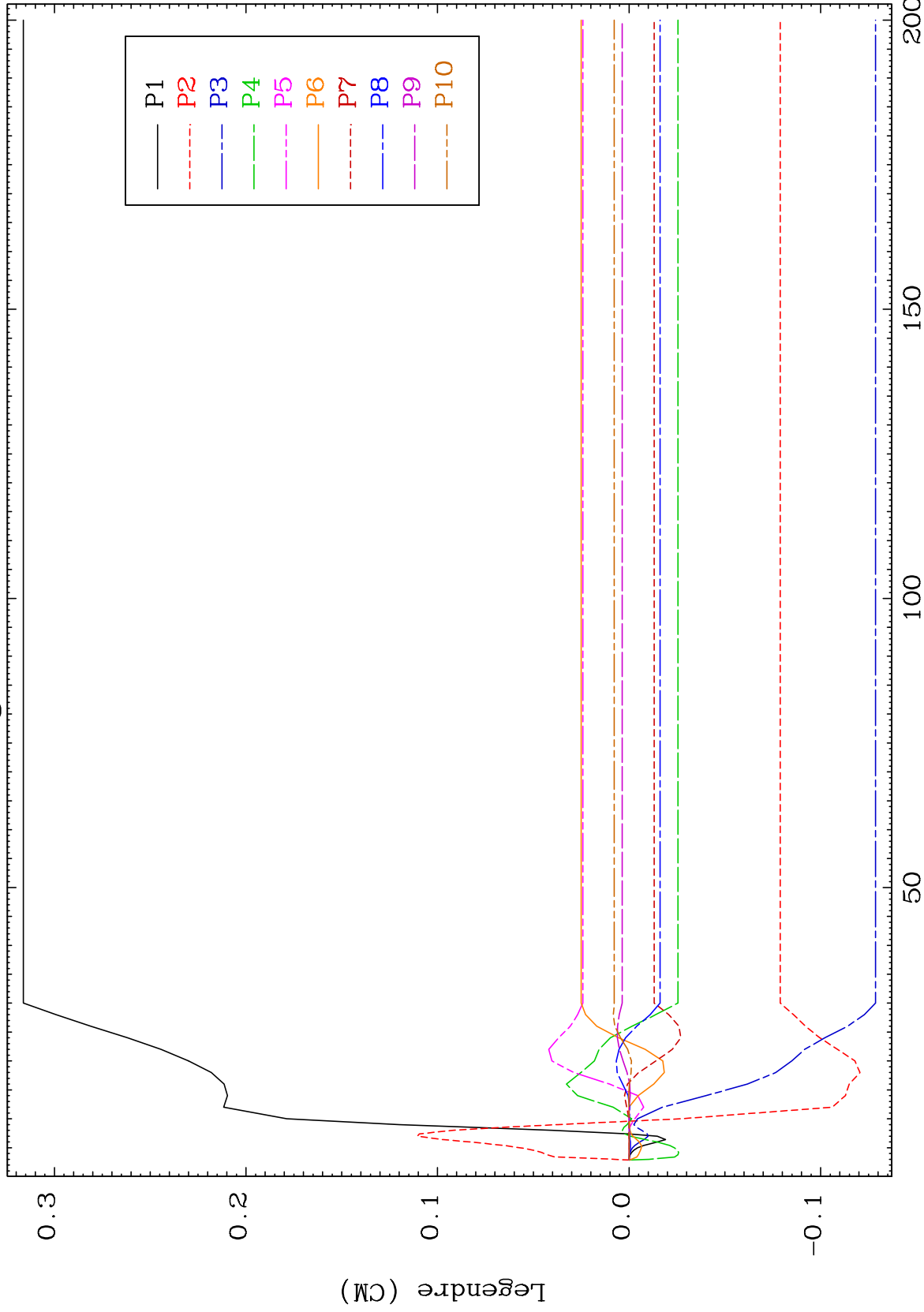
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



79

Incident Energy (MeV)

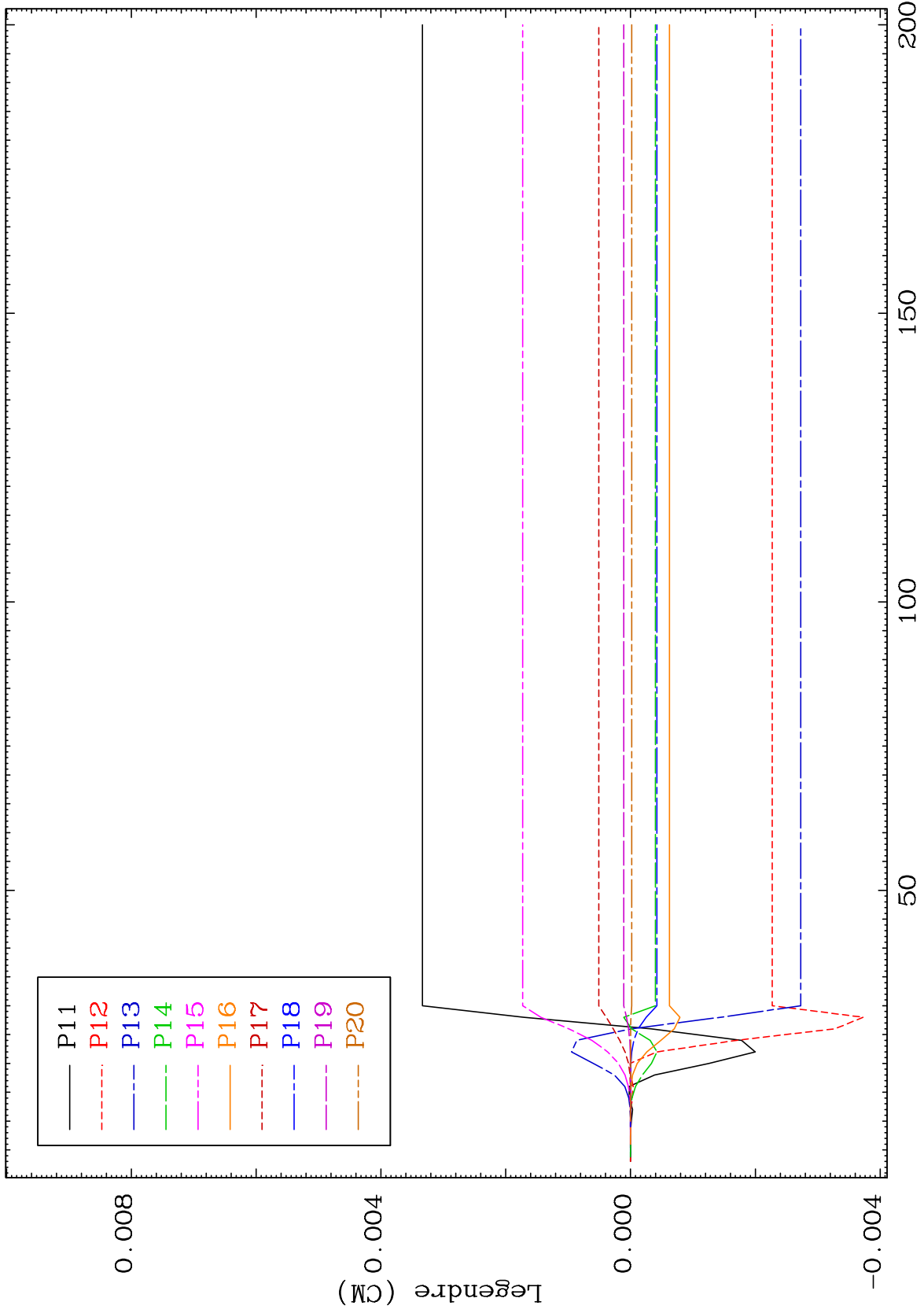
84-Po-210



MAT 8437

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

84-Po-210



80

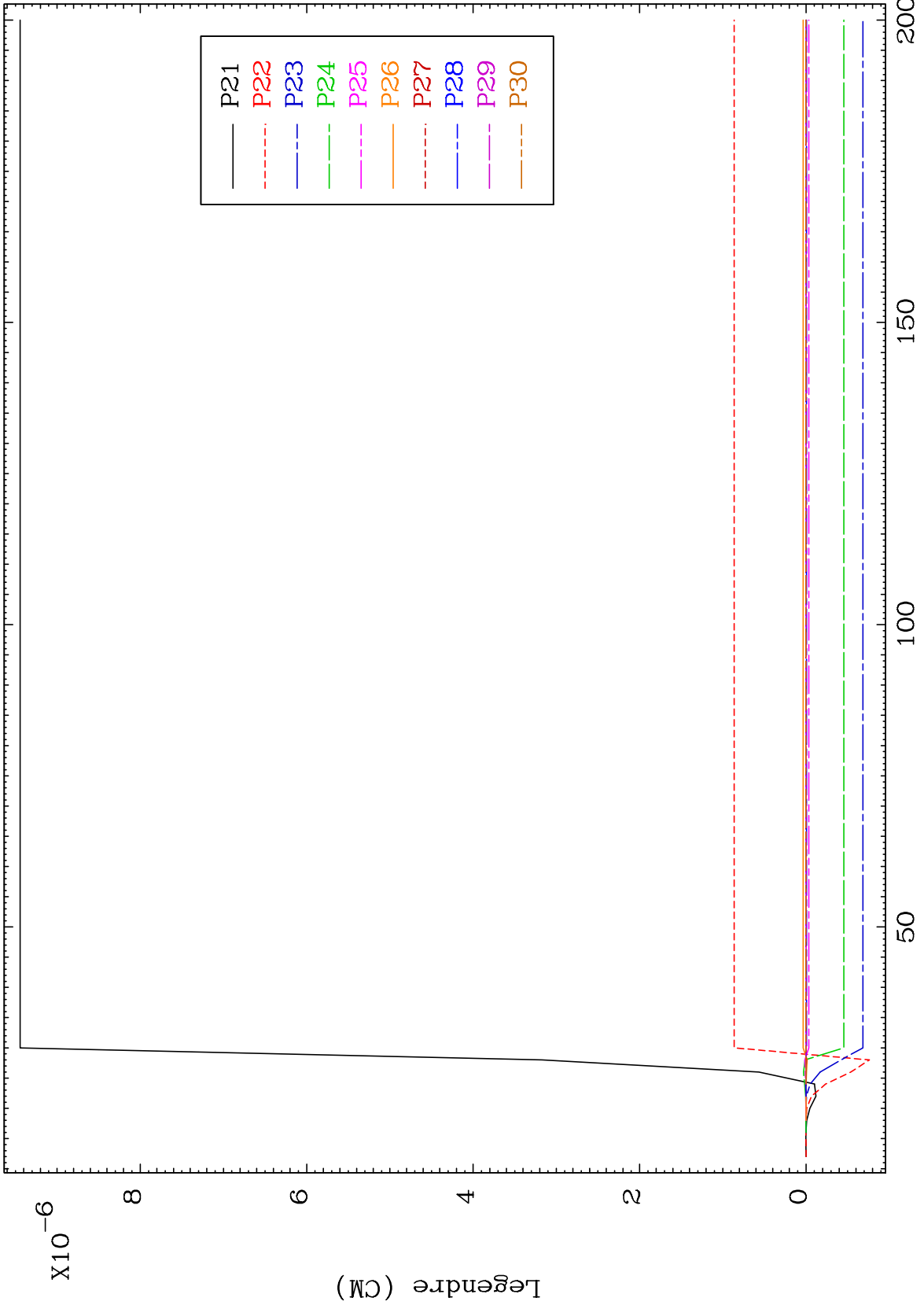
Incident Energy (MeV)

84-Po-210

MAT 8437

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

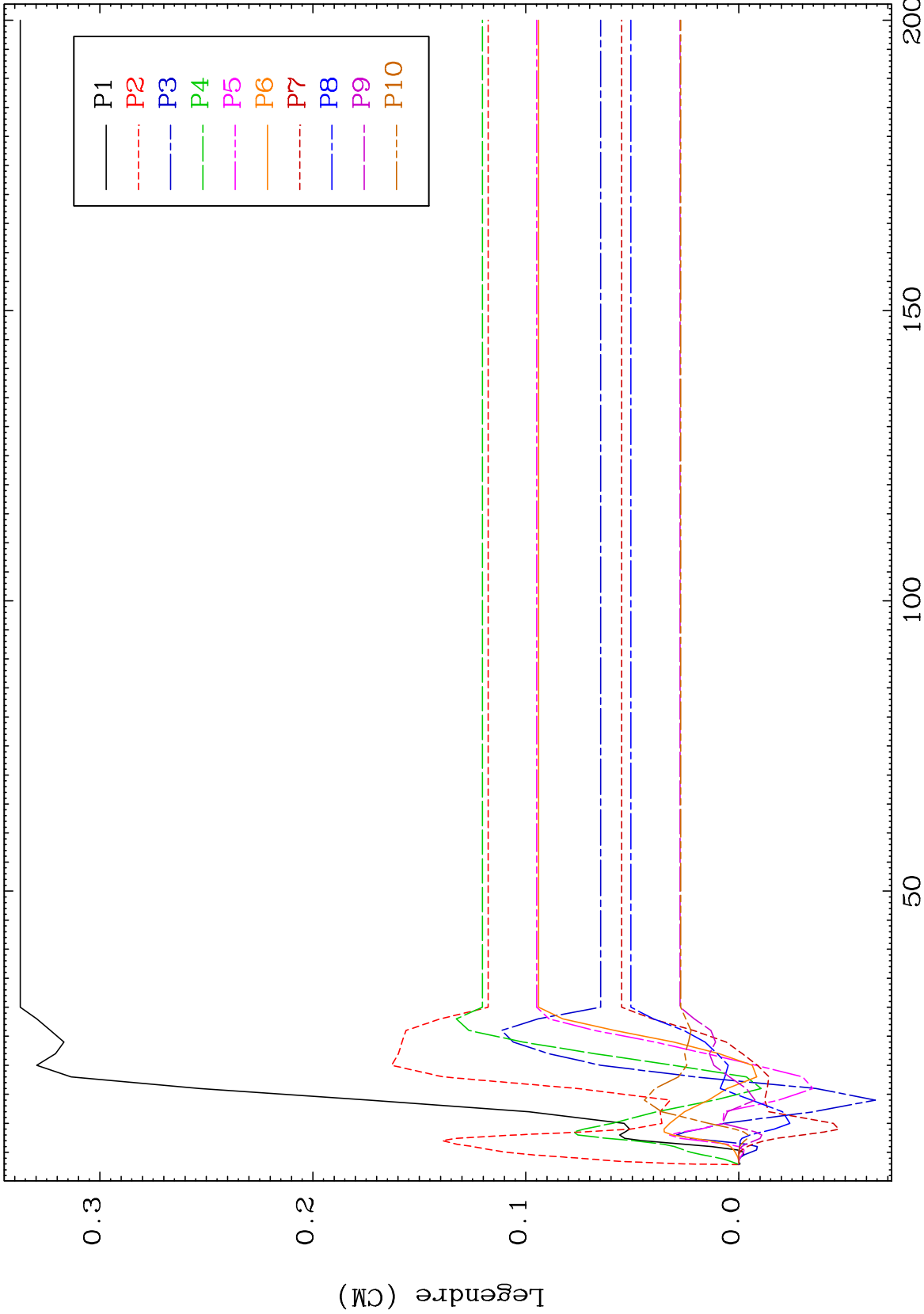
84-Po-210



MAT 8437

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

84-Po-210



82

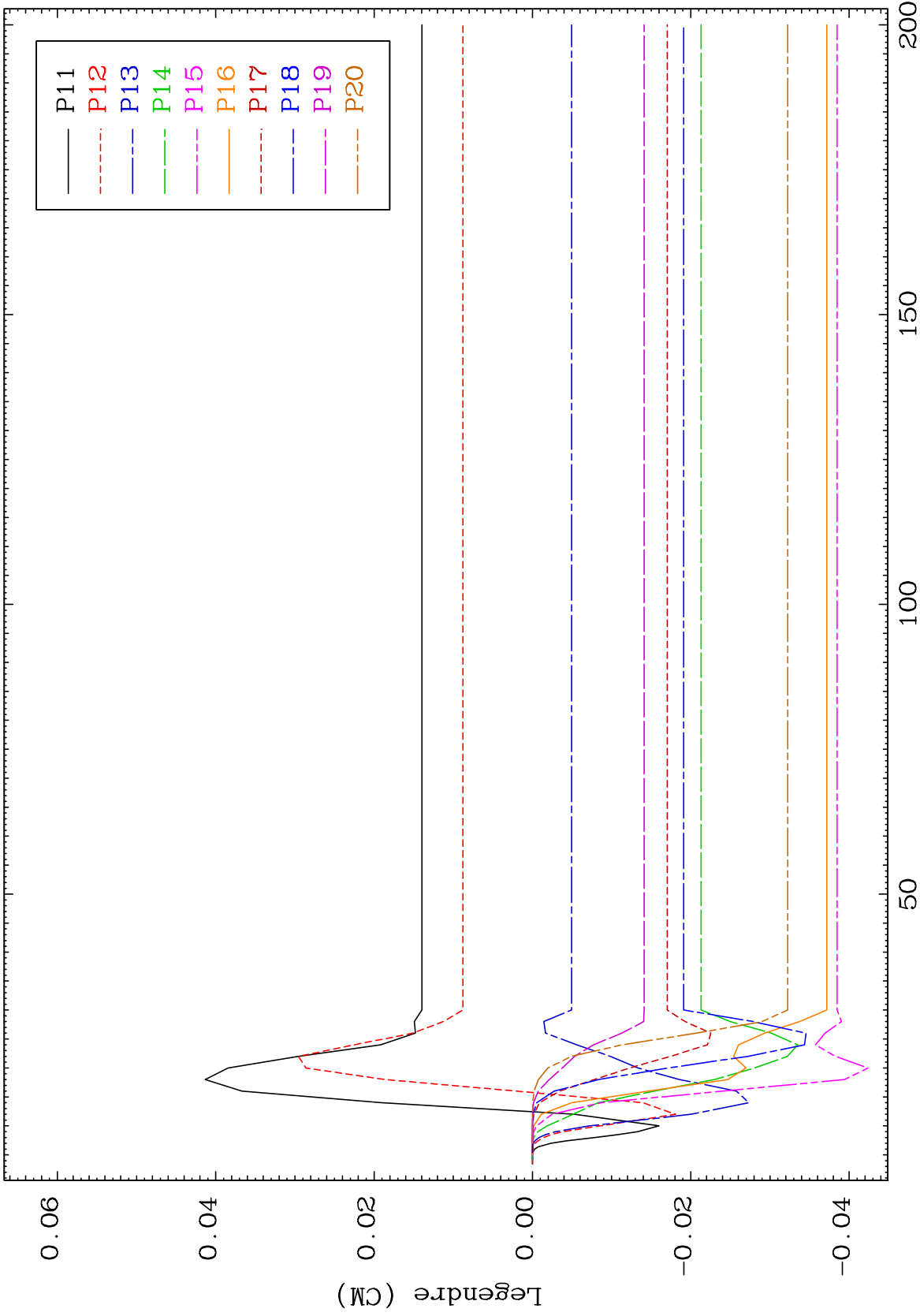
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210

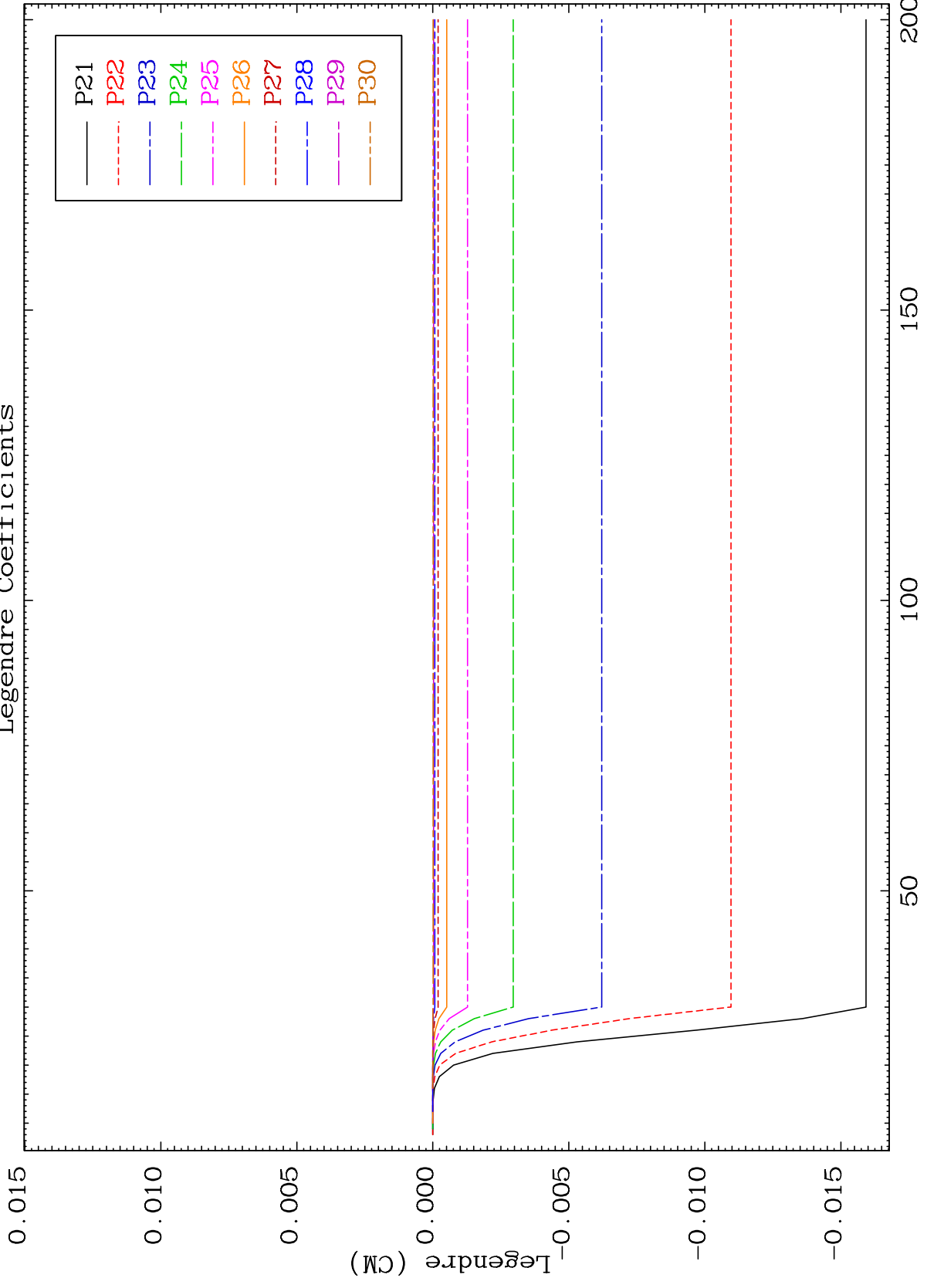


83

Incident Energy (MeV)

84-Po-210

MAT 8437 MT= 68 (n,n') Level Legendre Coefficients 84-Po-210

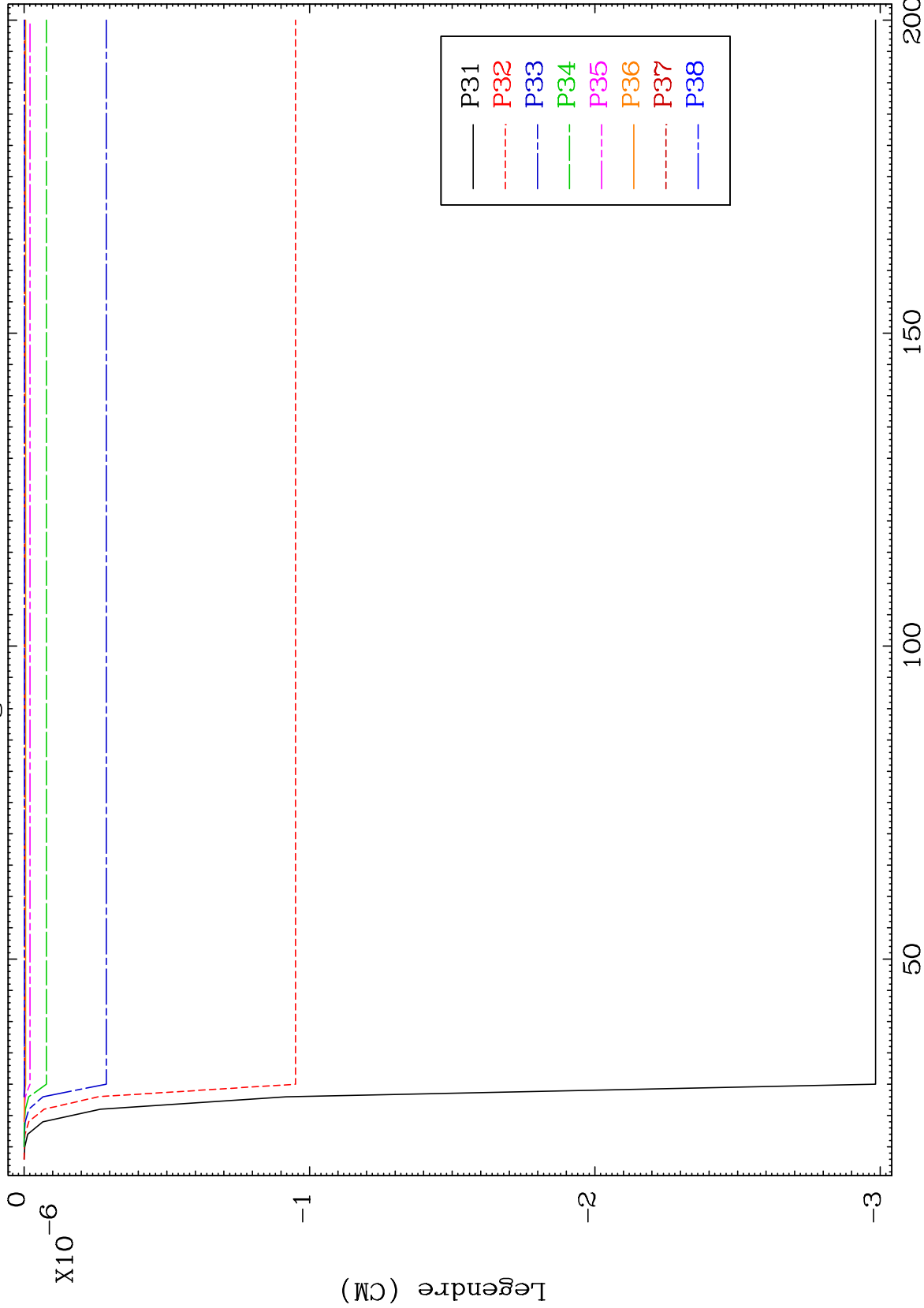


84 84-Po-210

MAT 8437

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

84-Po-210



85

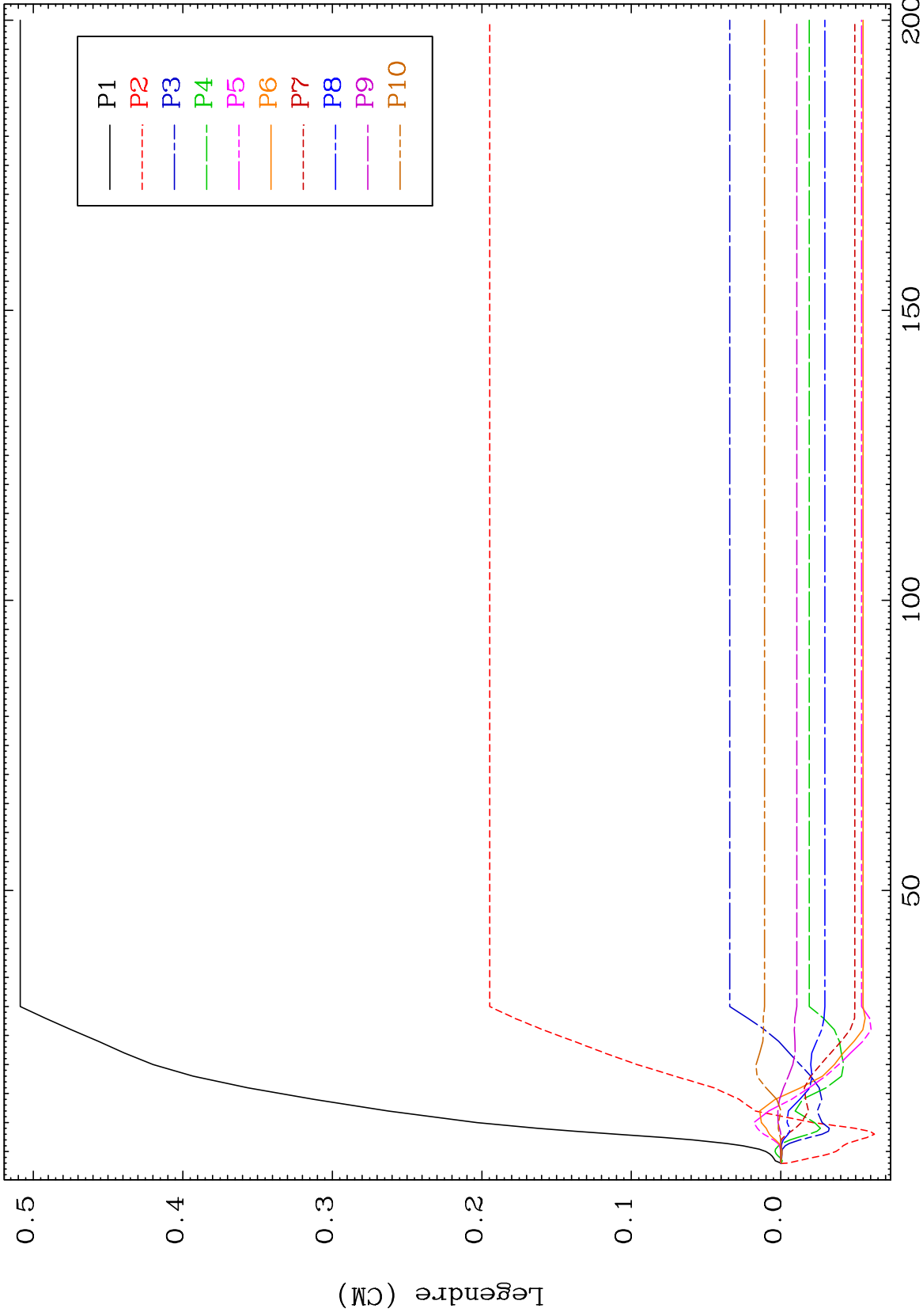
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



86

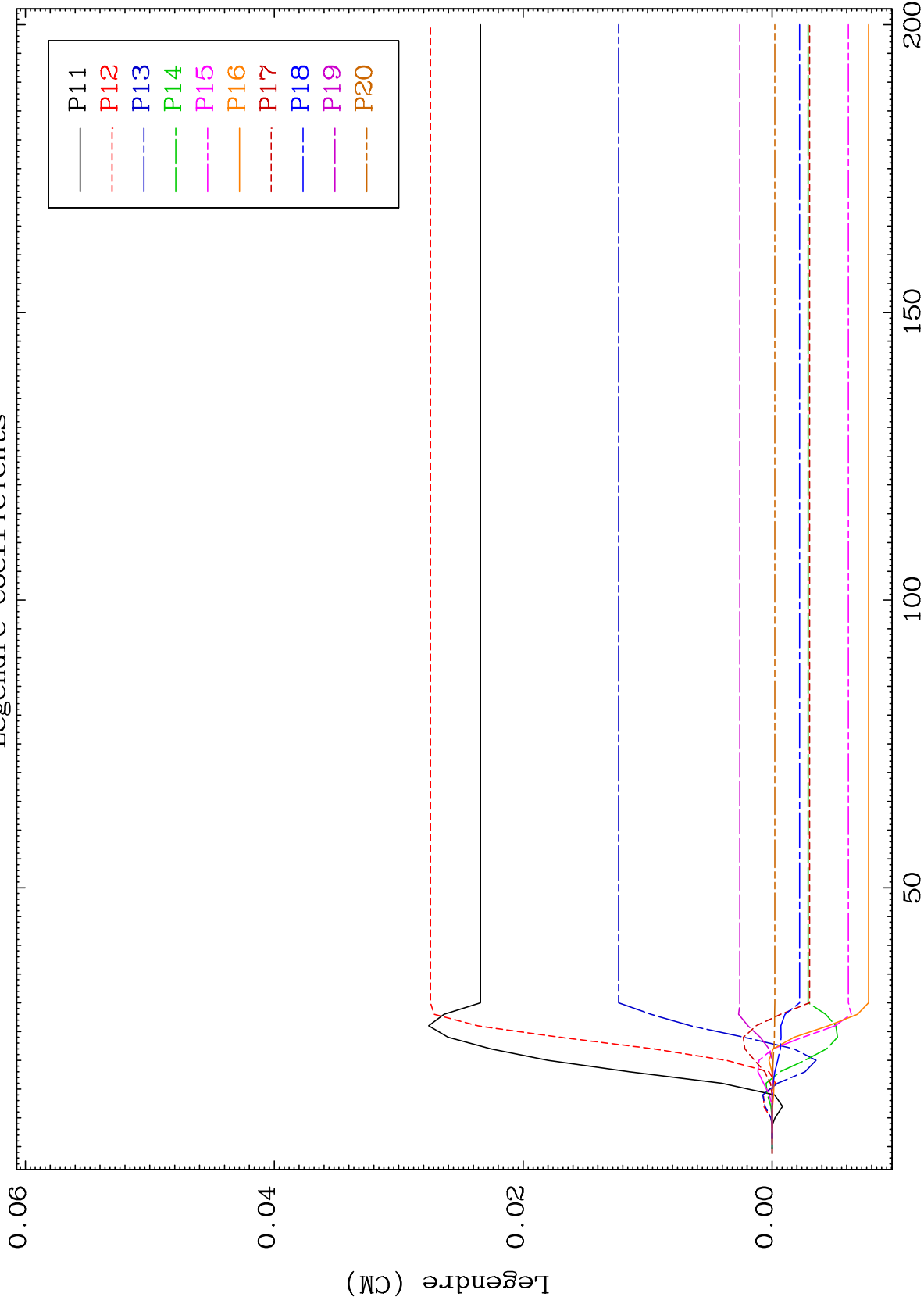
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



87

Incident Energy (MeV)

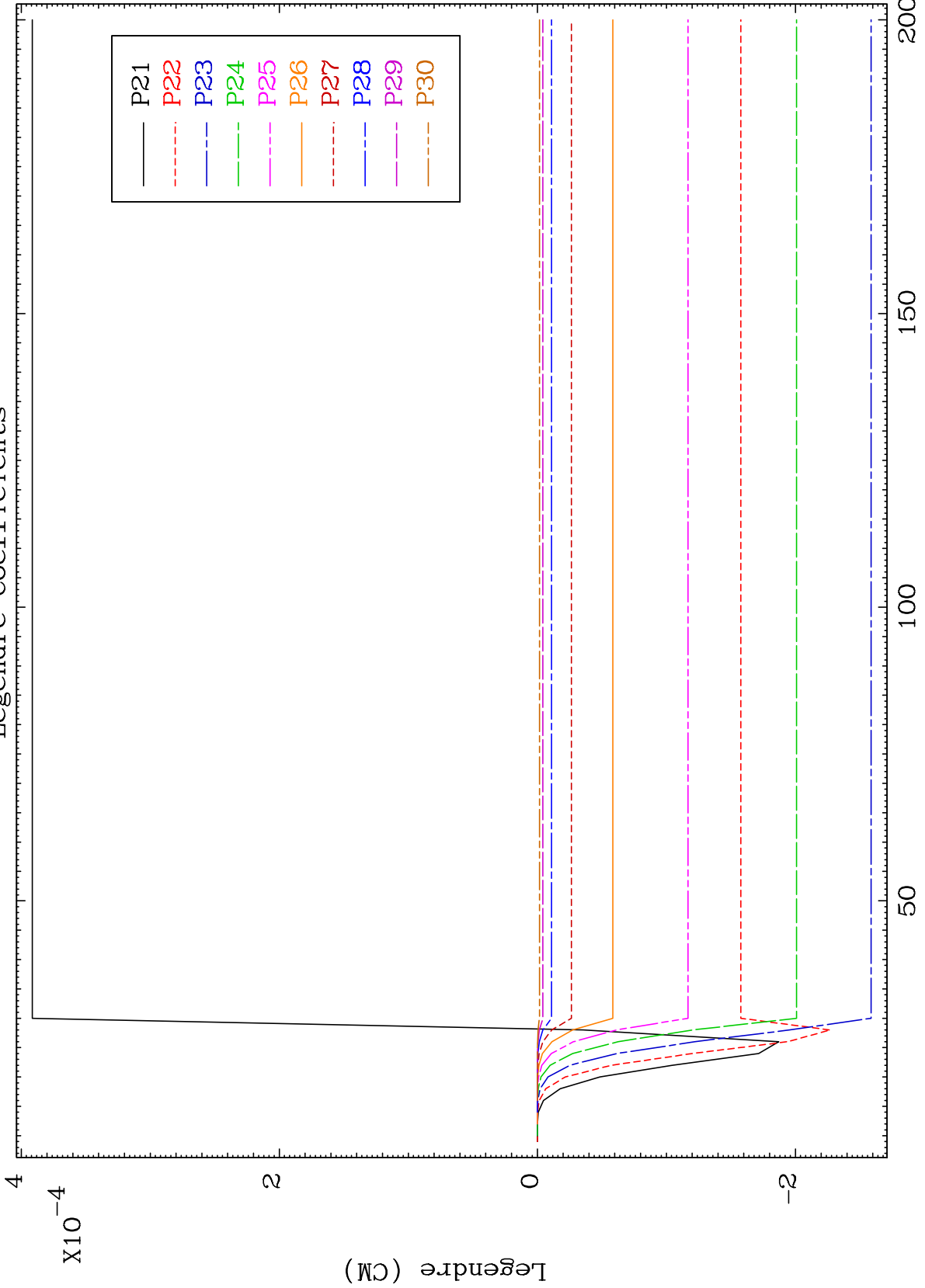
84-Po-210



MAT 8437

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

84-Po-210



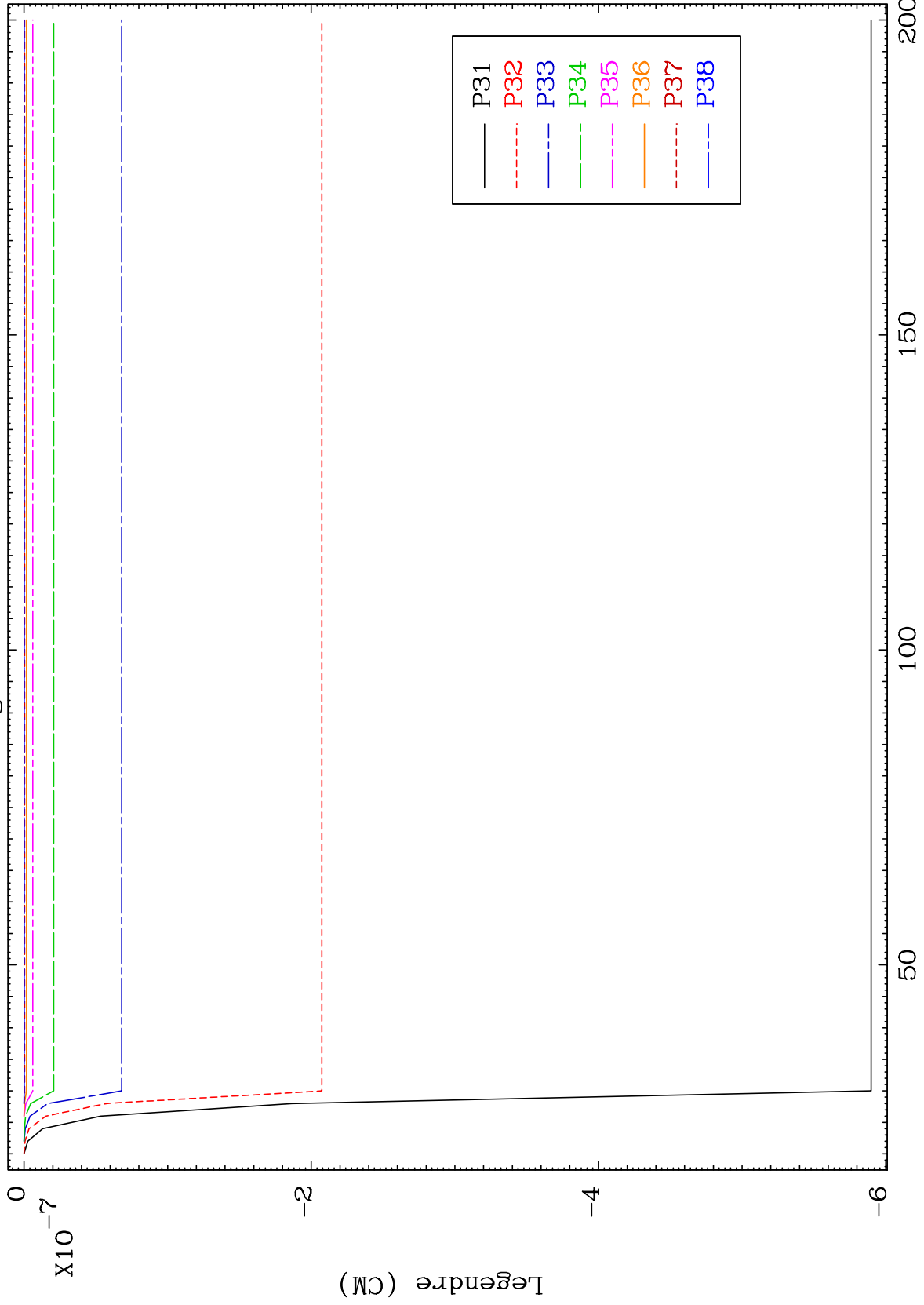
88

84-Po-210

MAT 8437

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

84-Po-210



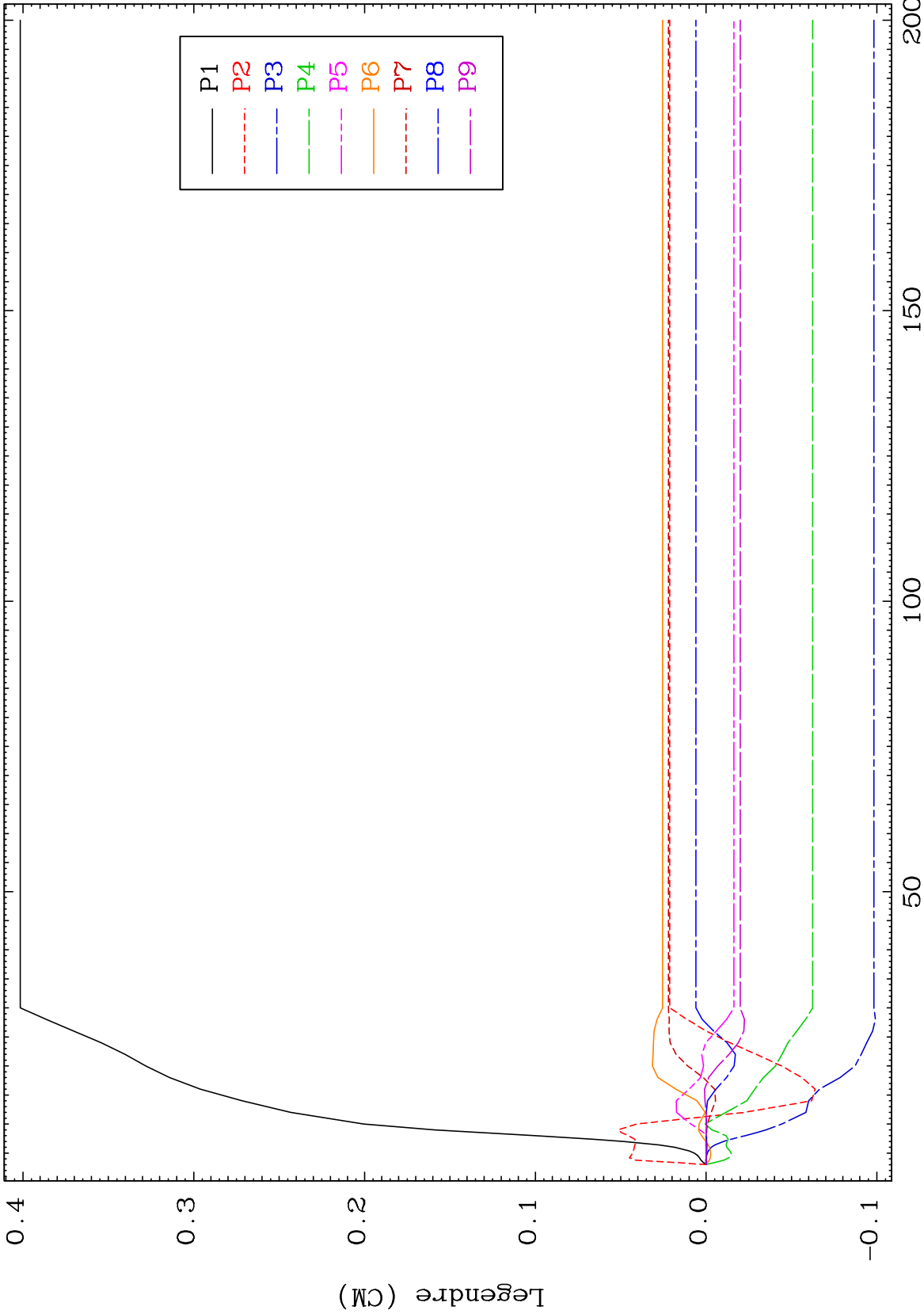
89

84-Po-210

MAT 8437

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

84-Po-210



90

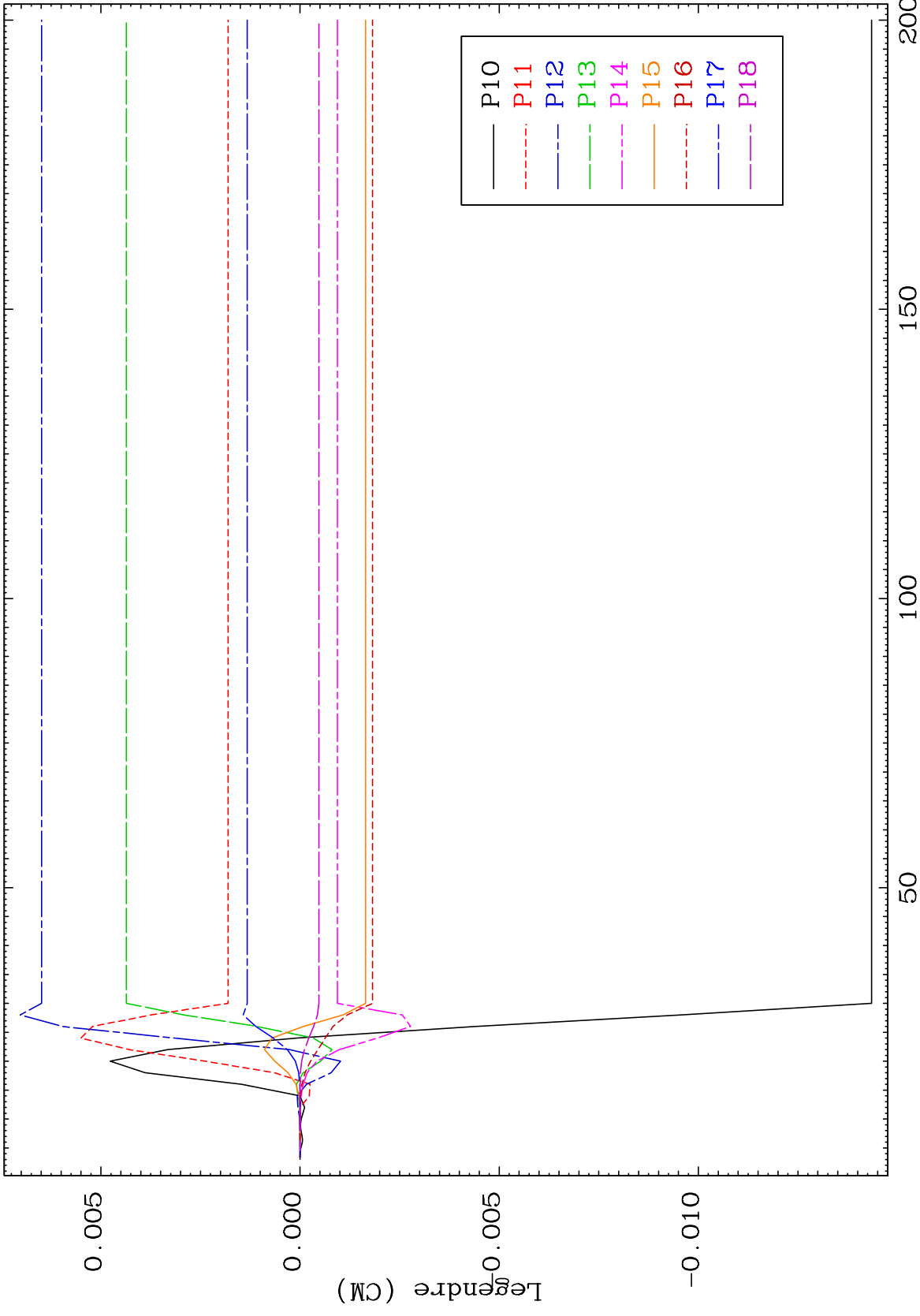
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



91

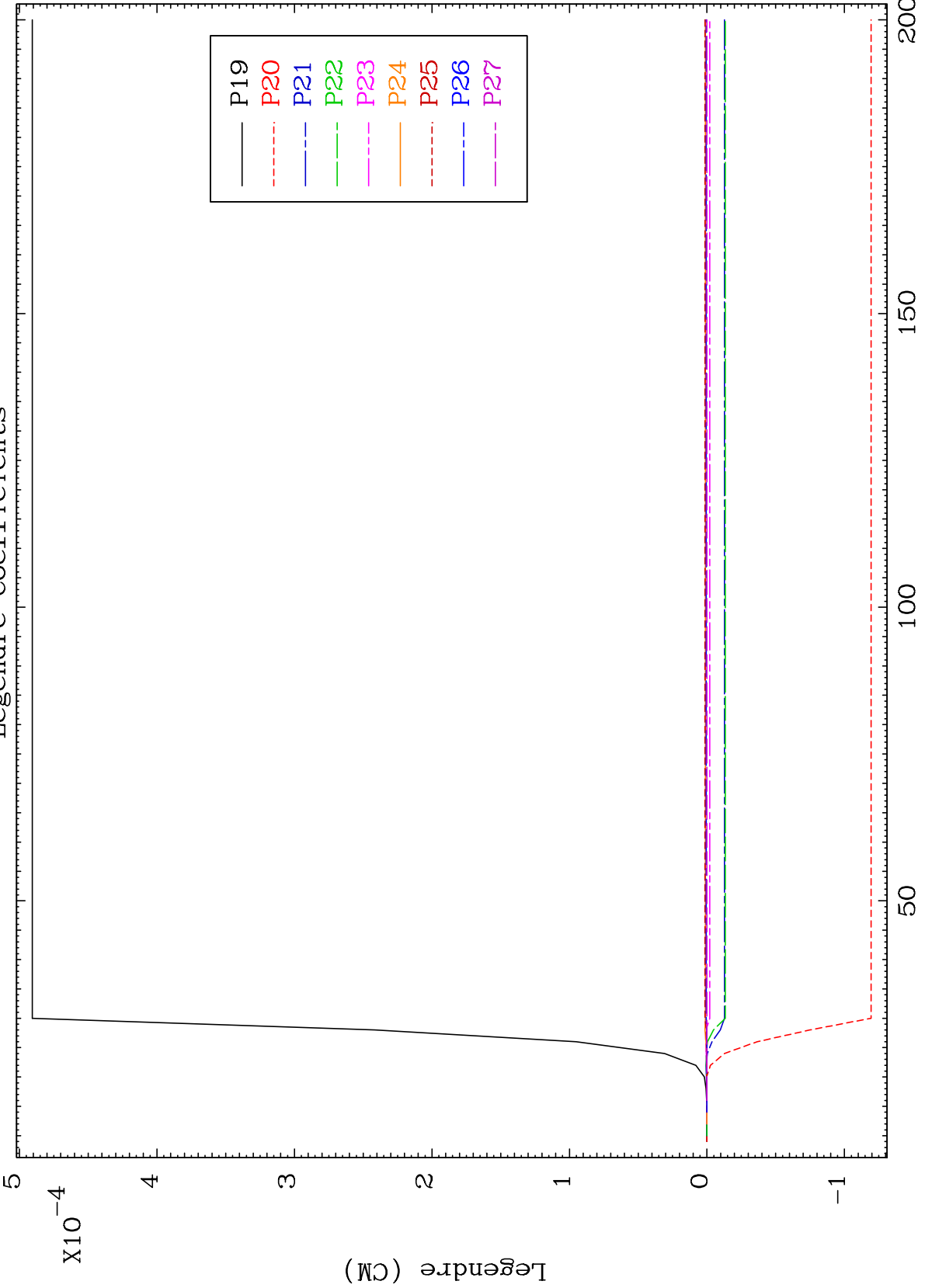
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



92

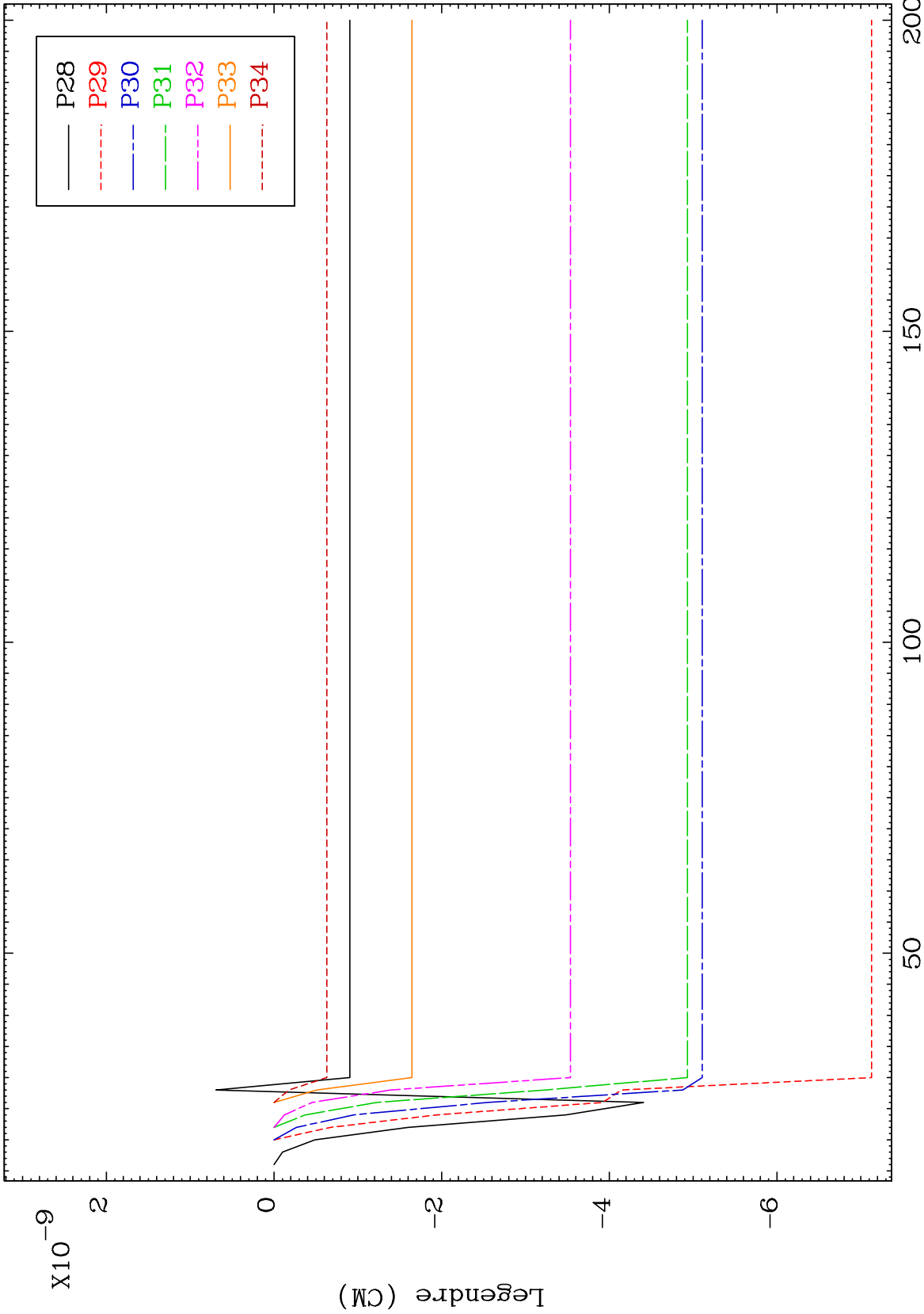
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



93

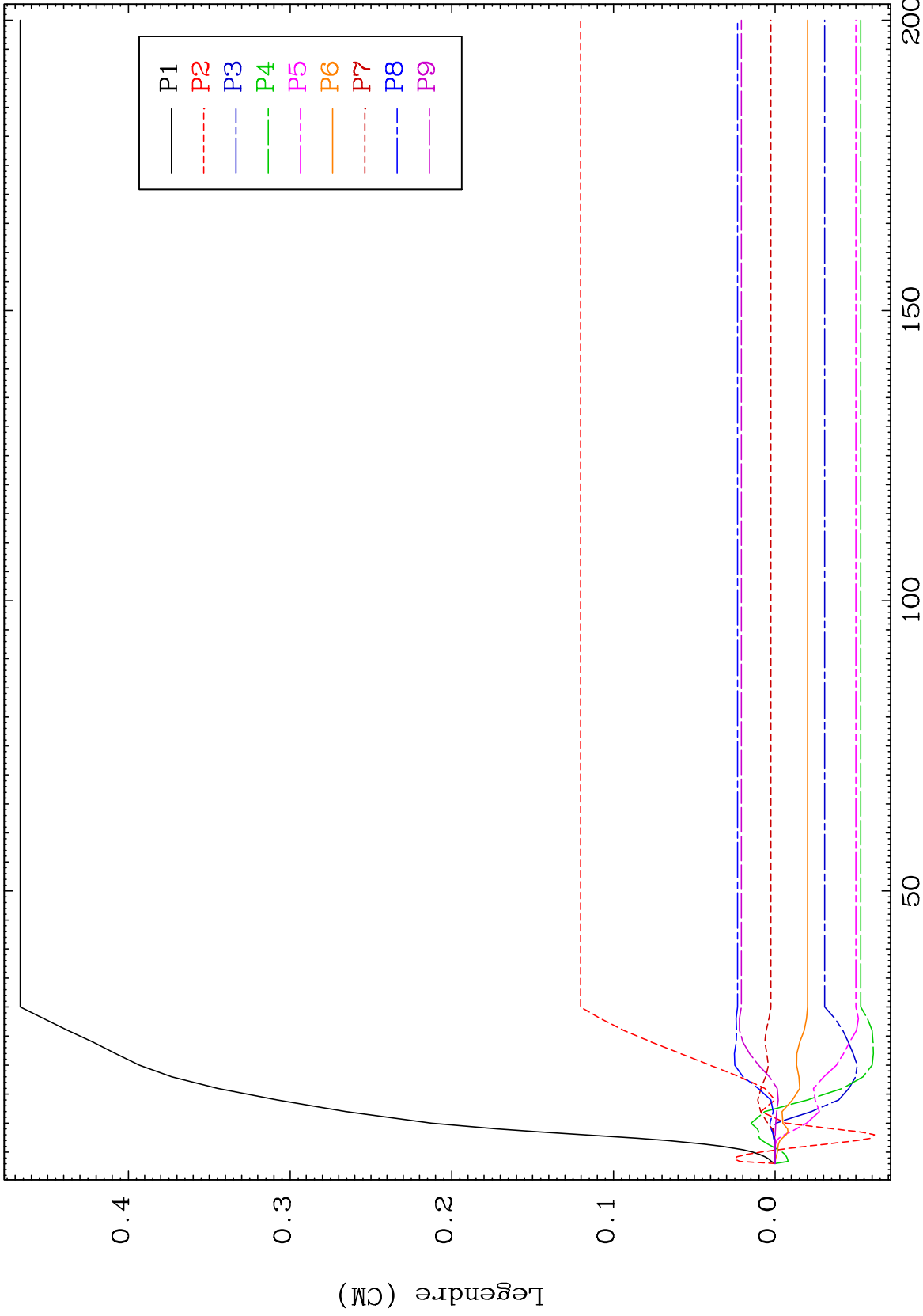
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



94

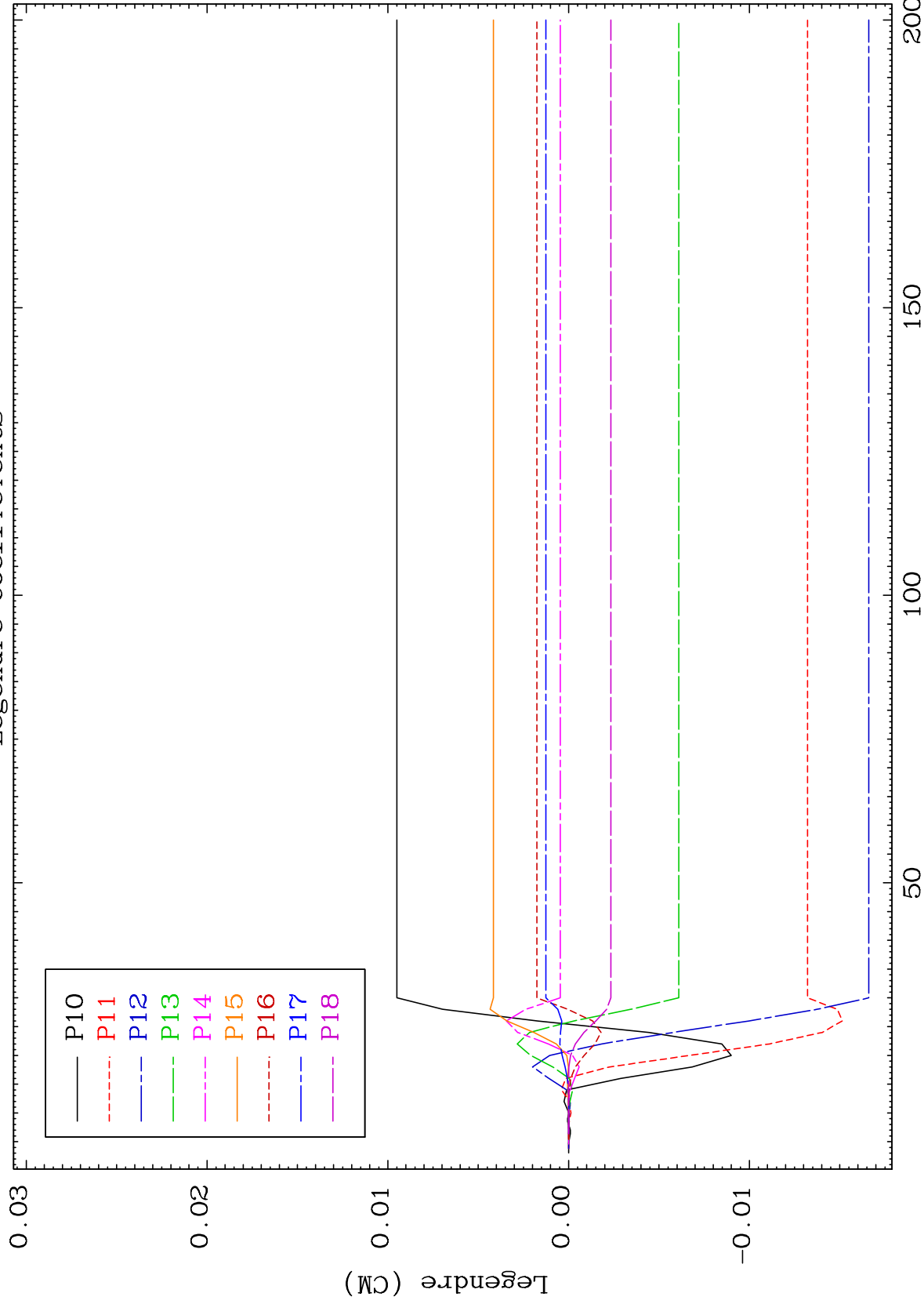
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



95

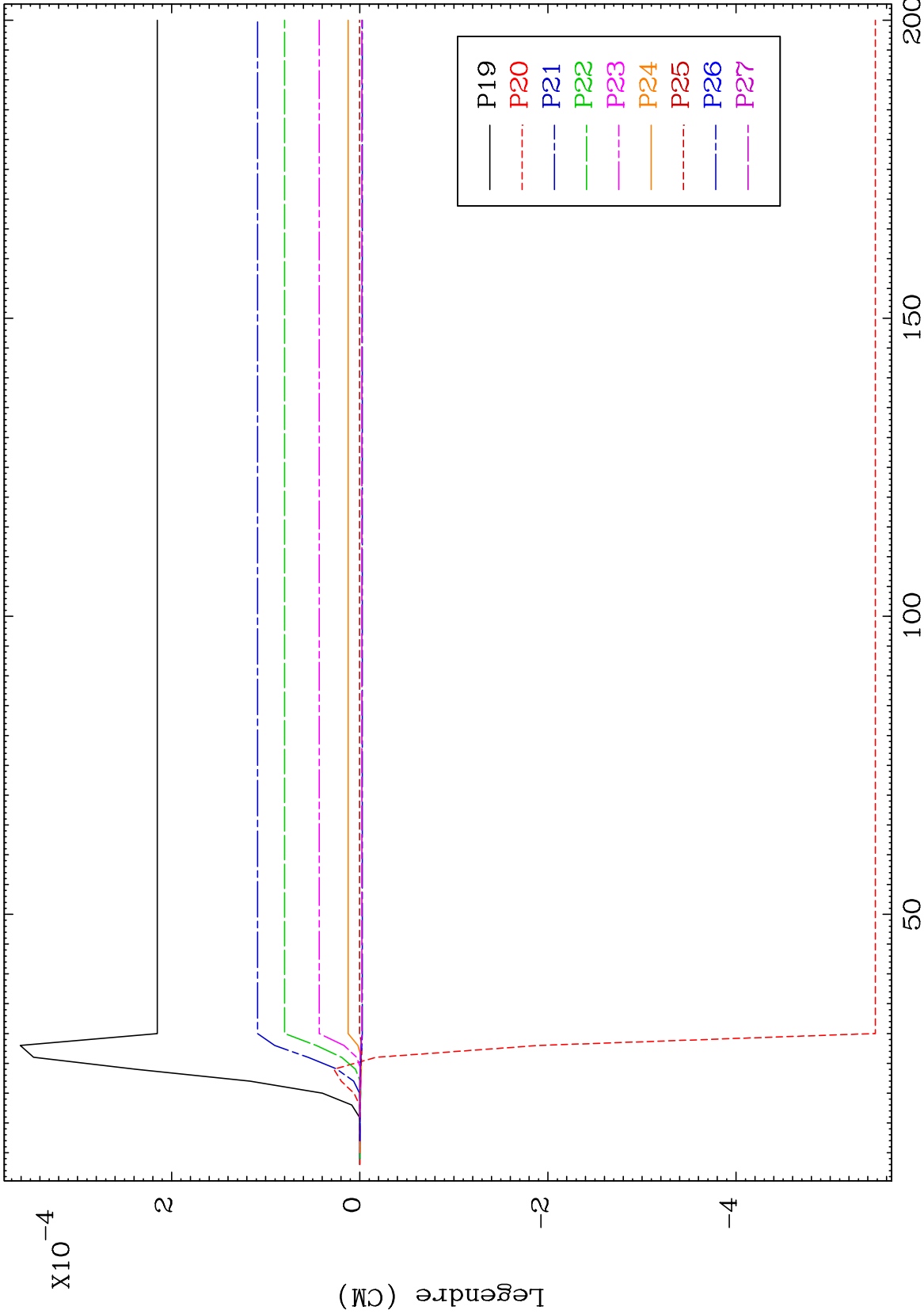
84-Po-210



MAT 8437

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

84-Po-210



96

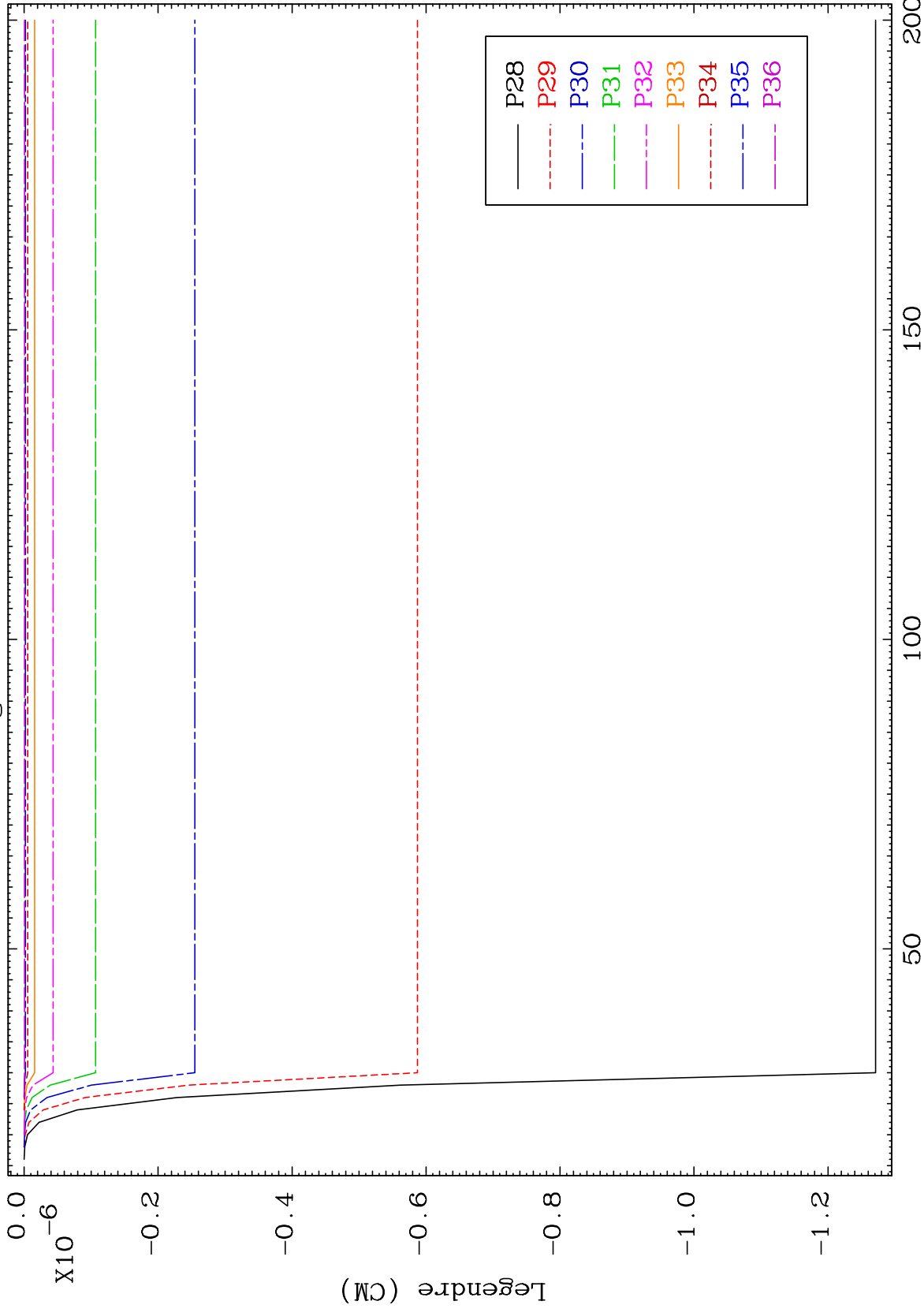
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



84-Po-210

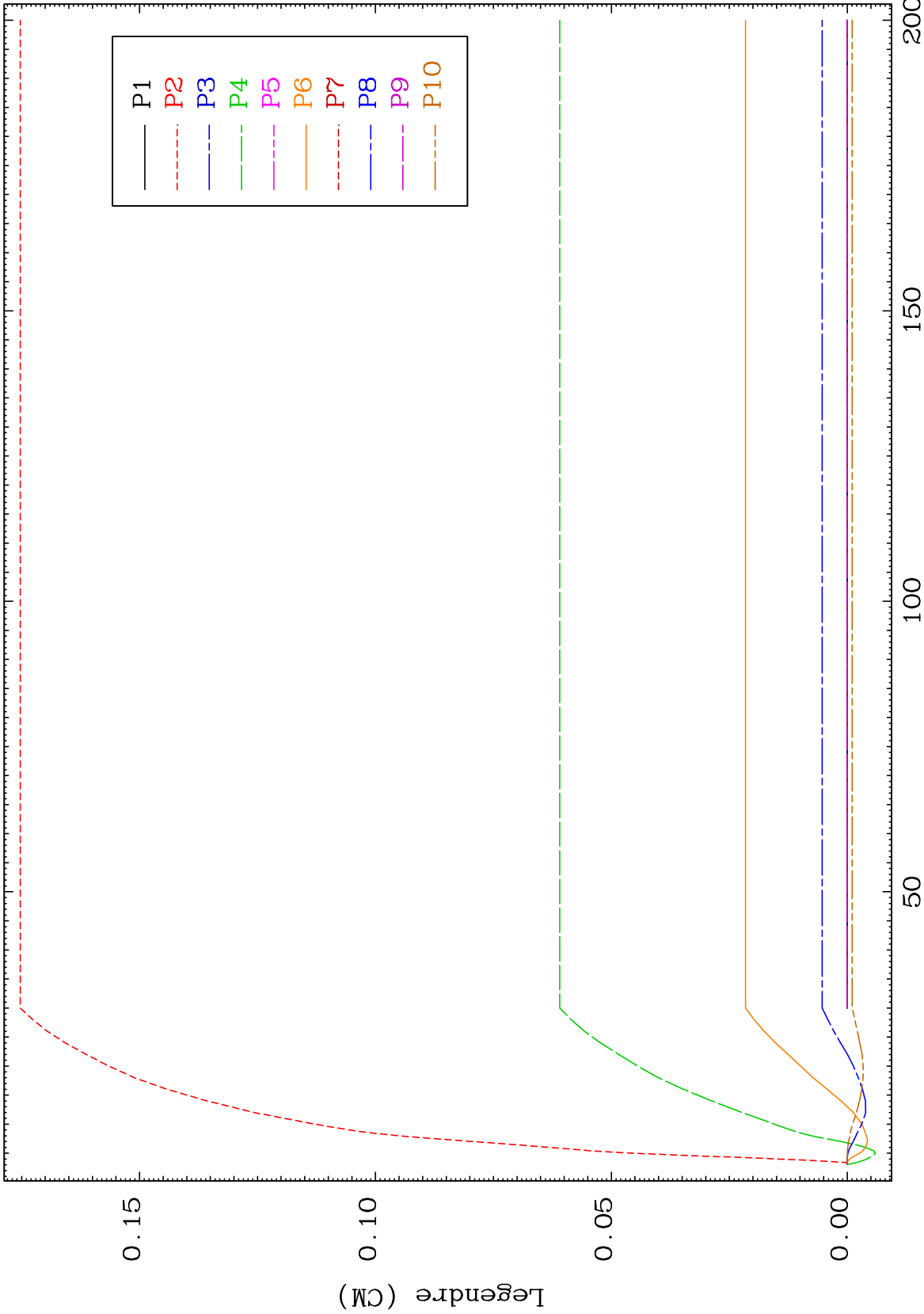
Incident Energy (MeV)

97

MAT 8437

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

84-Po-210



98

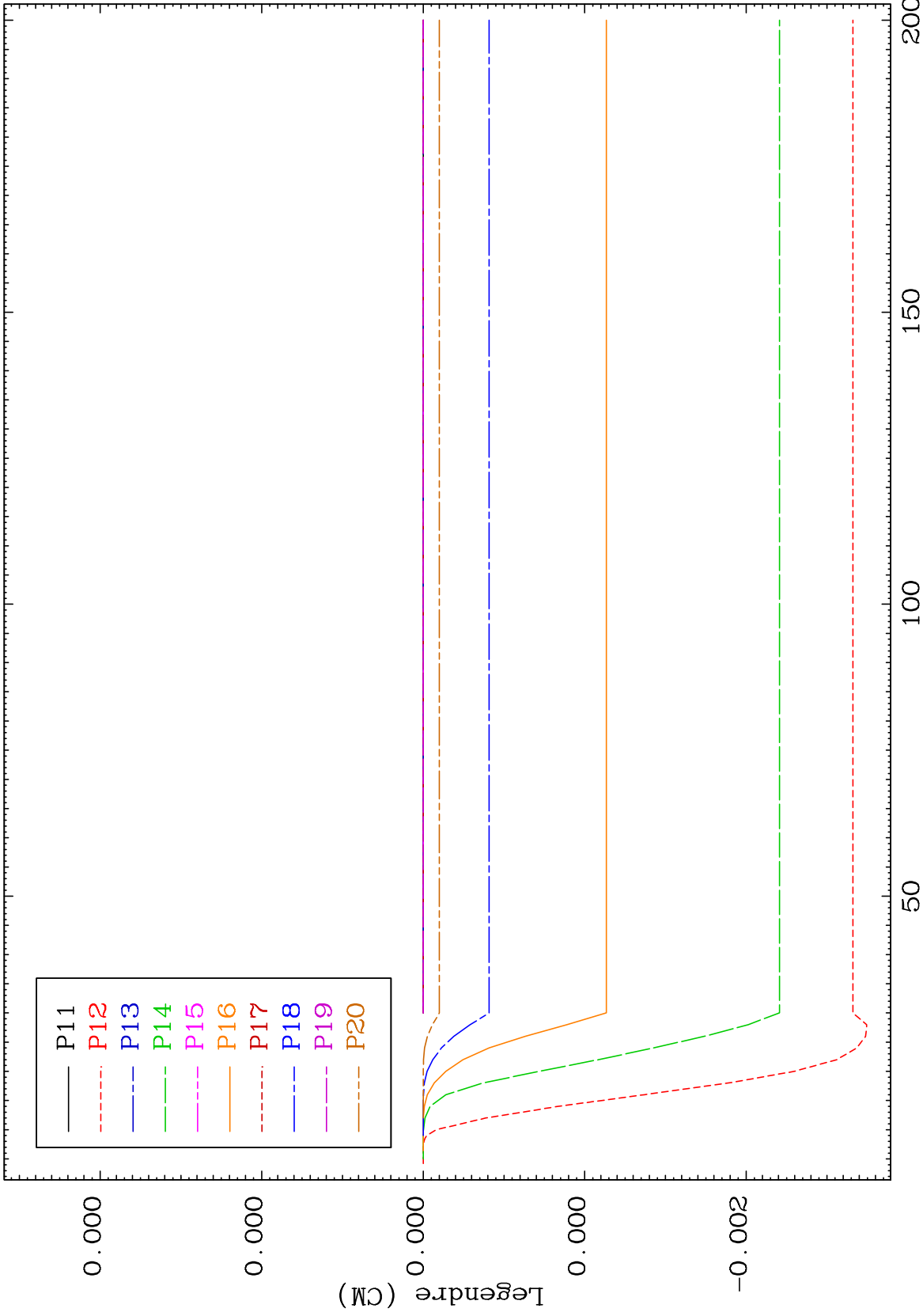
Incident Energy (MeV)

84-Po-210

MAT 8437

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

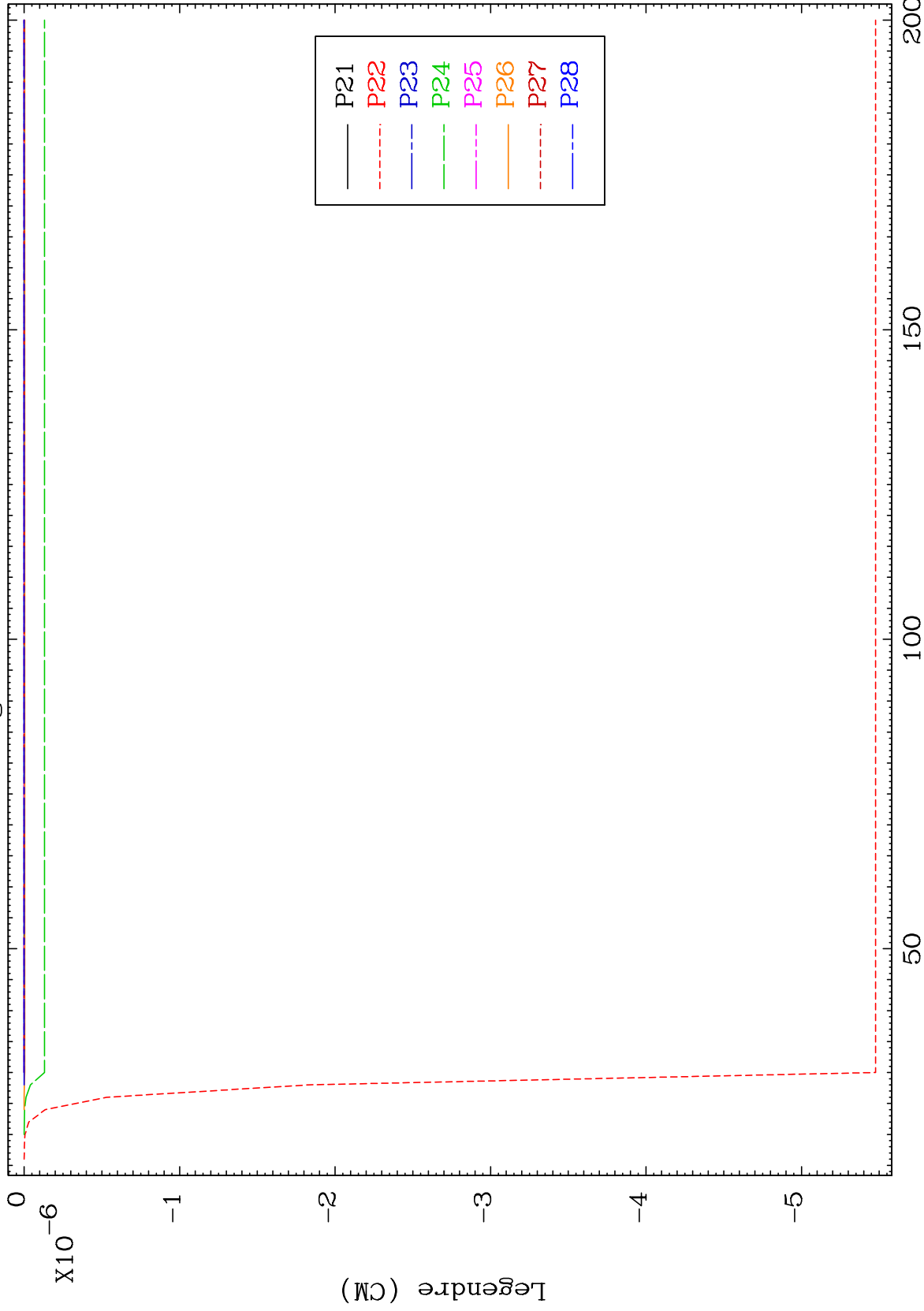
84-Po-210



MAT 8437

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

84-Po-210



84-Po-210

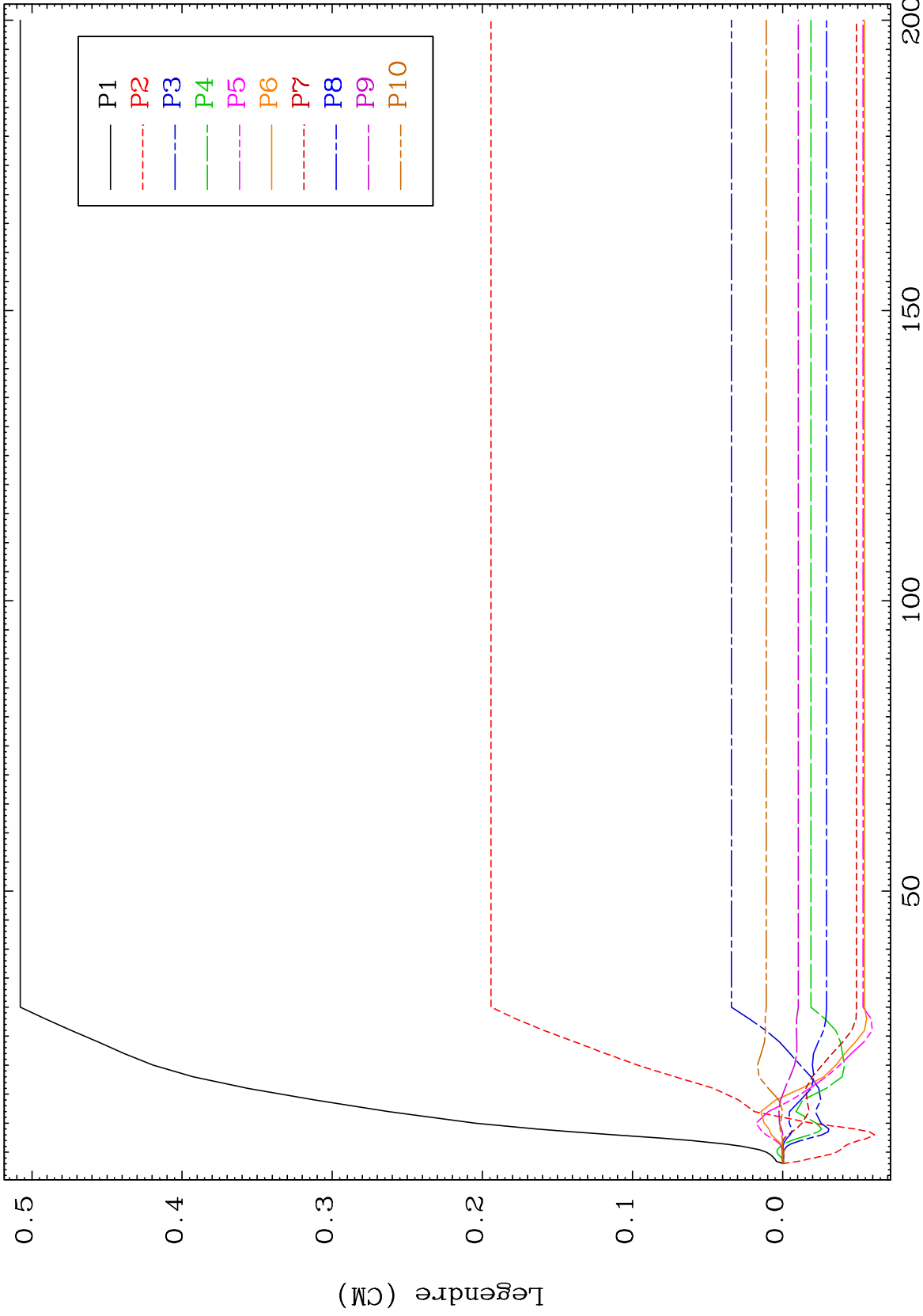
Incident Energy (MeV)

100

MAT 8437

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

84-Po-210



101

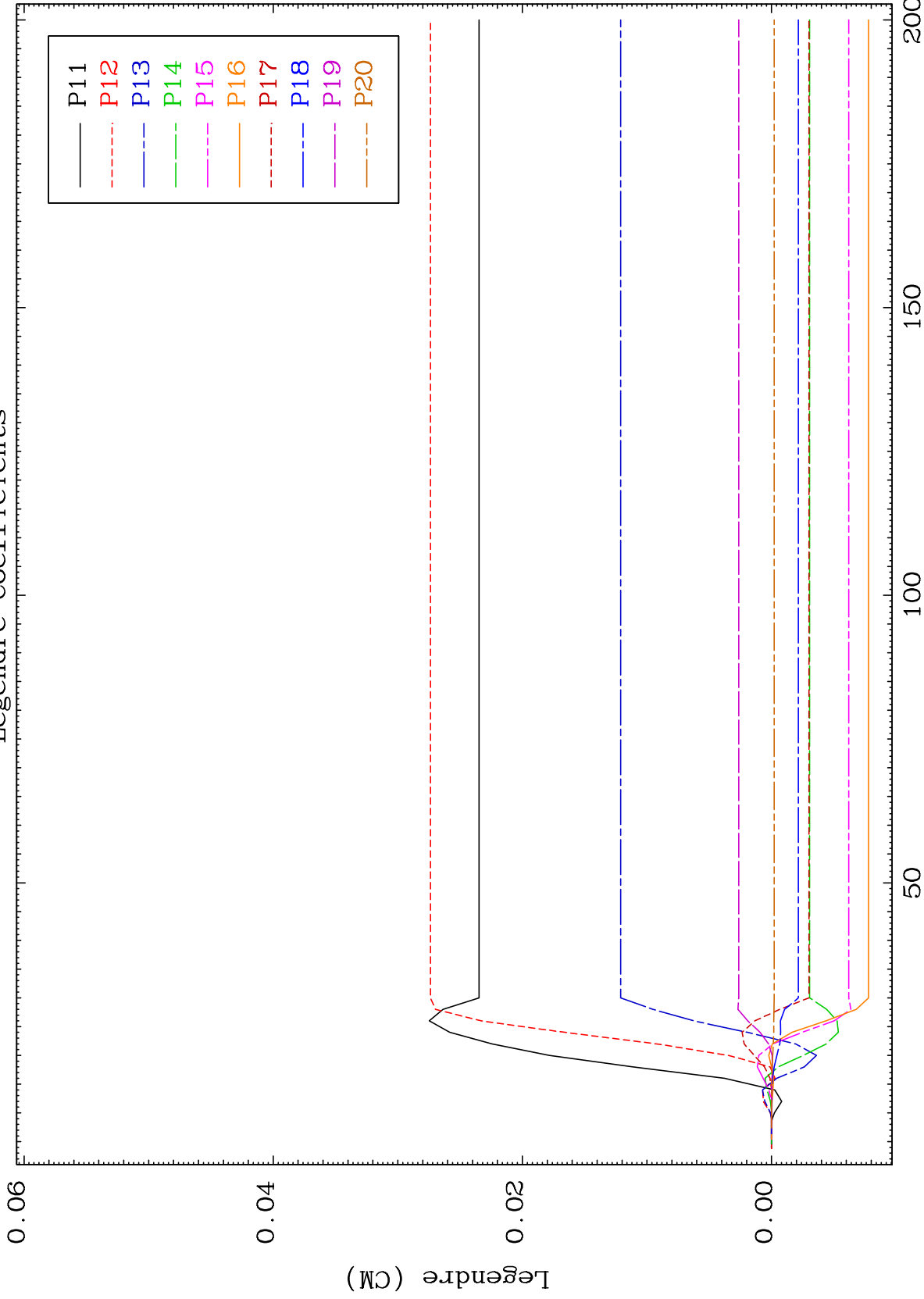
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



102

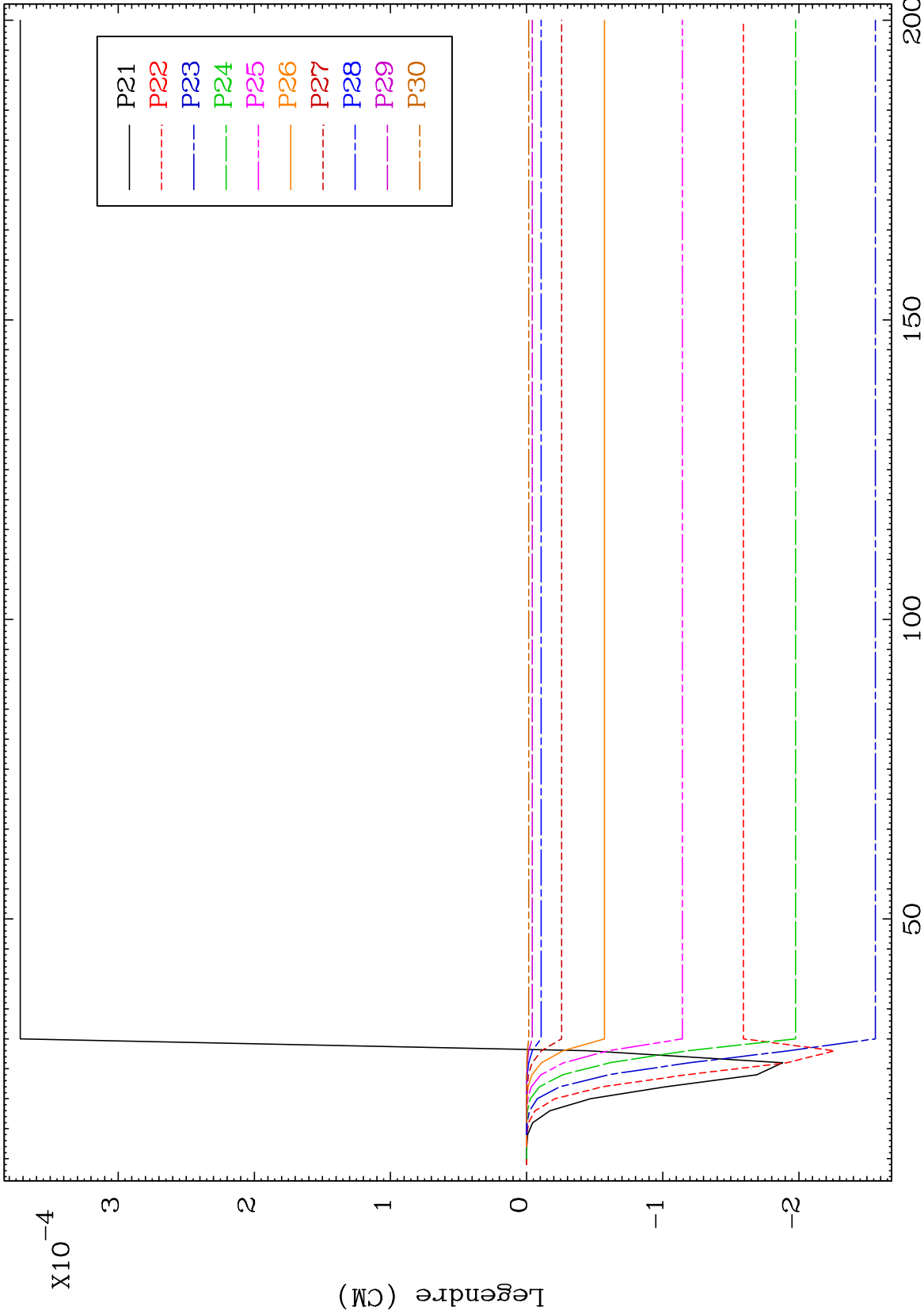
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



103

Incident Energy (MeV)

84-Po-210

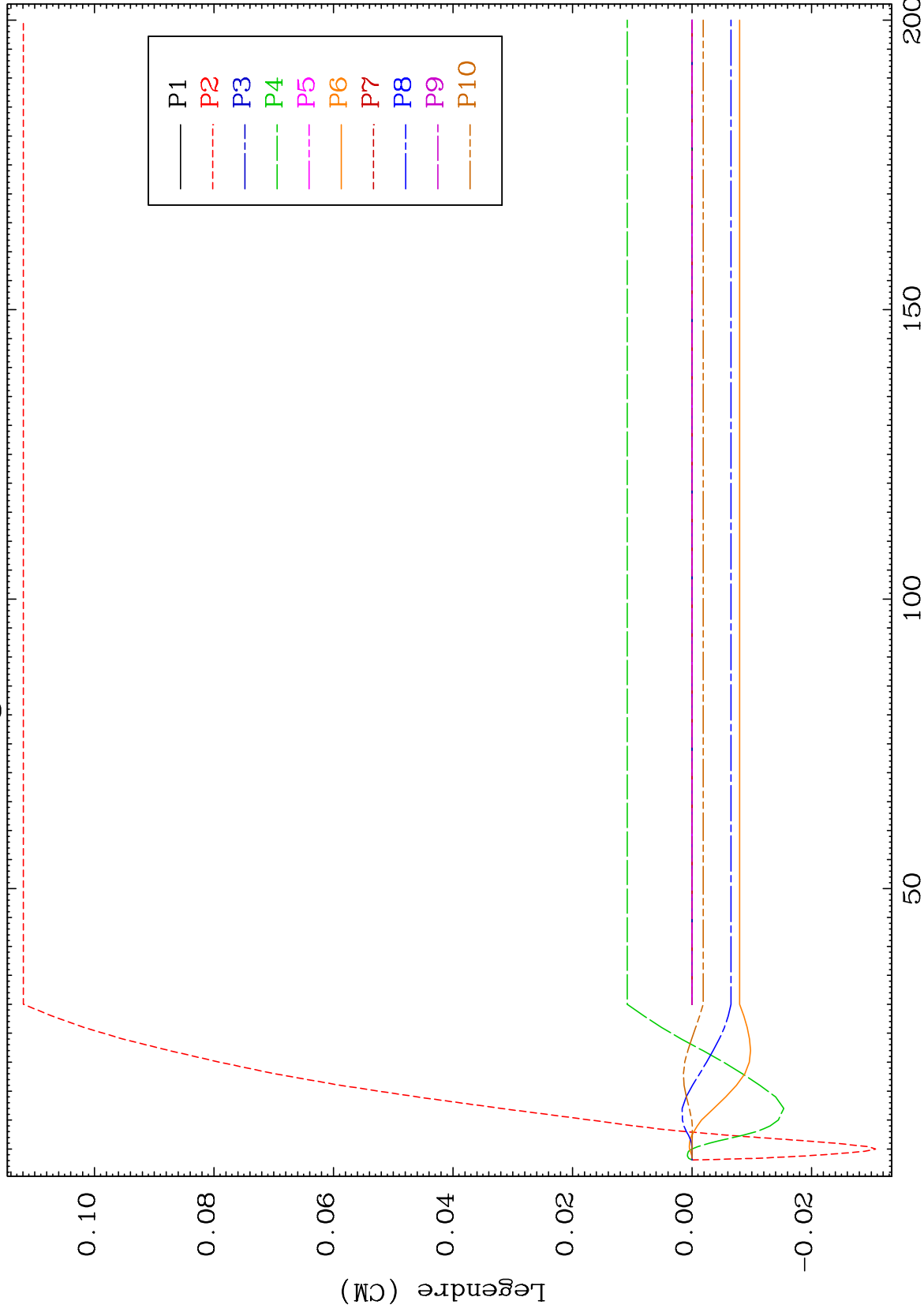




MAT 8437

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

84-Po-210



84-Po-210

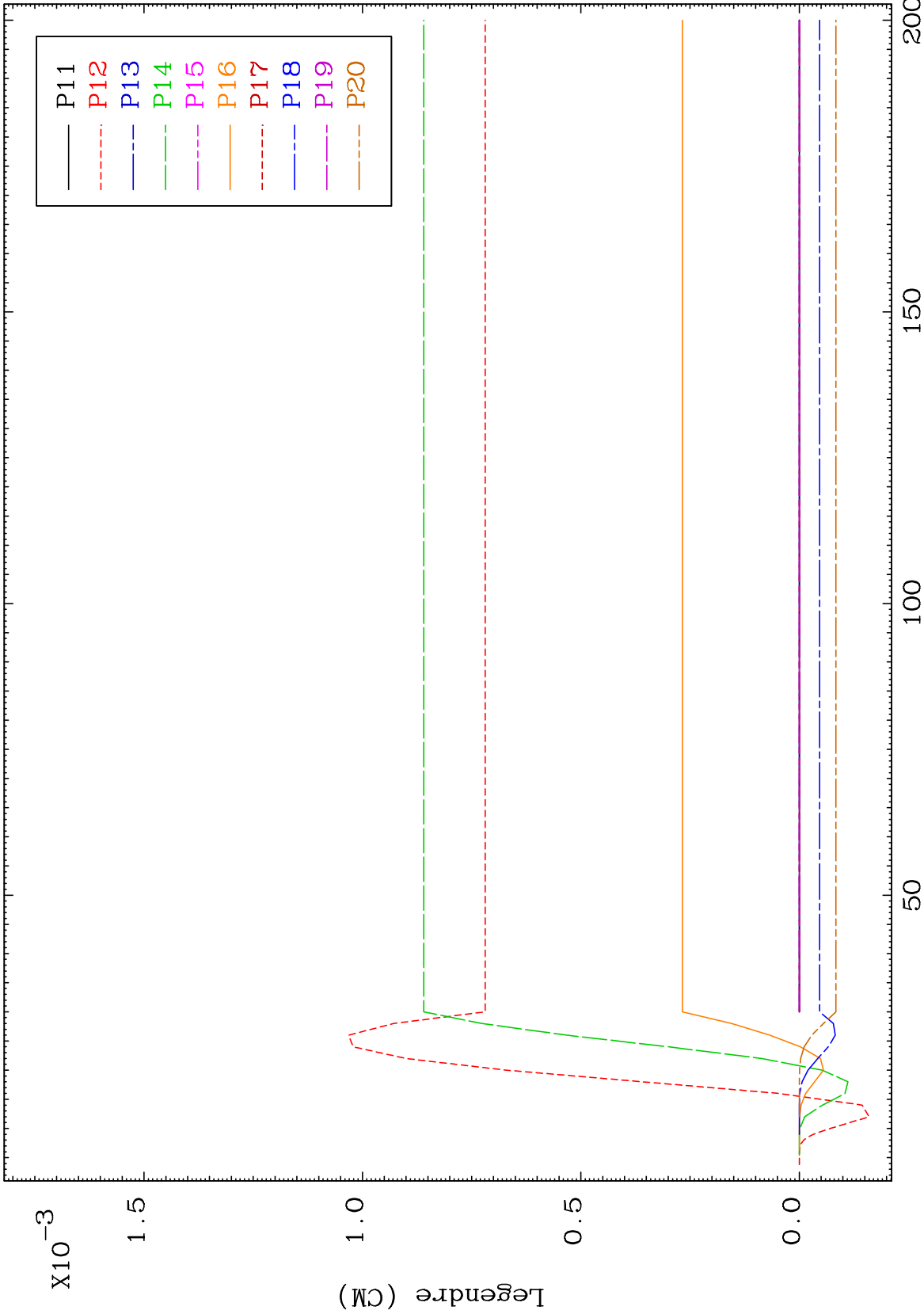
Incident Energy (MeV)

105

MAT 8437

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

84-Po-210



106

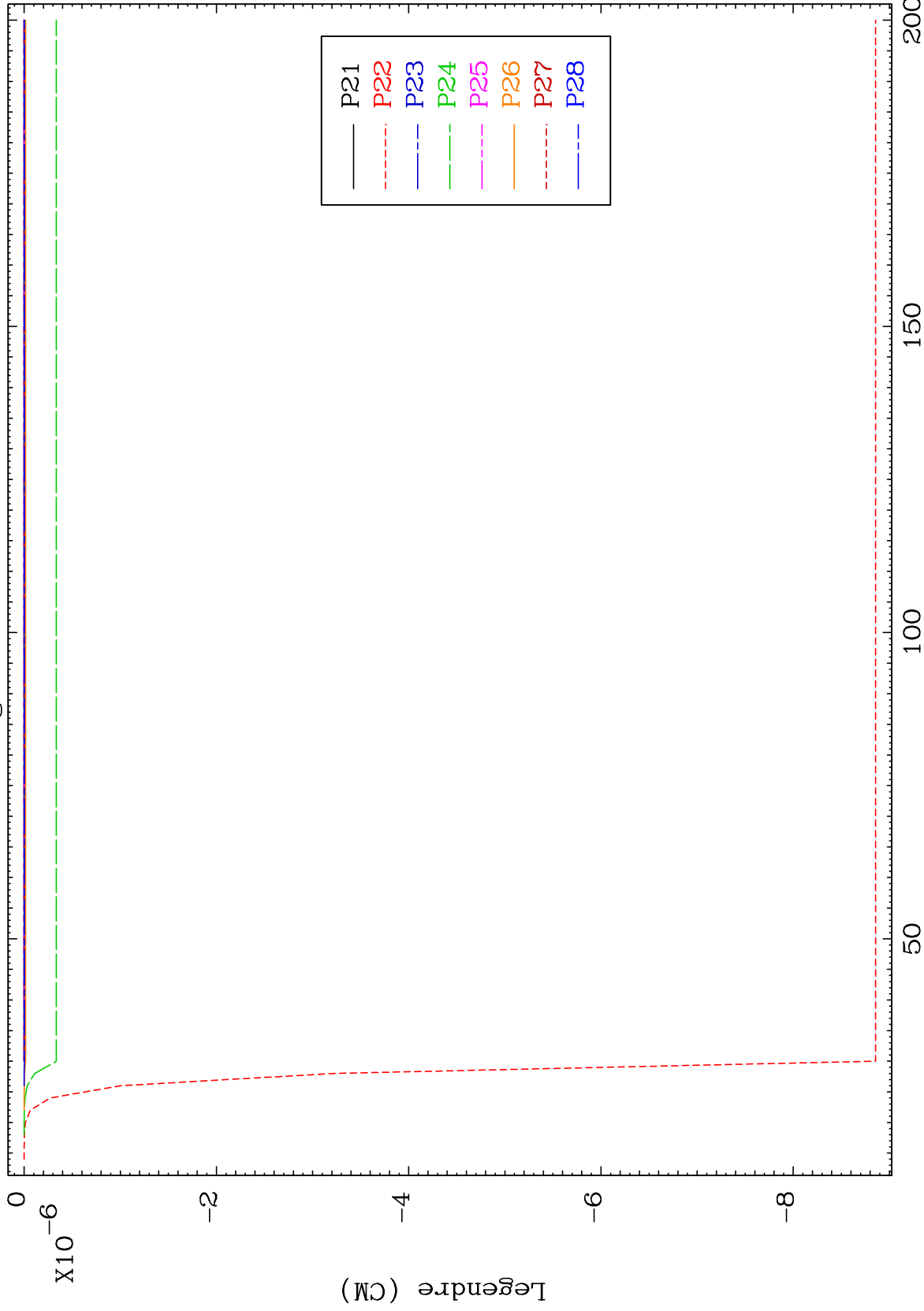
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



107

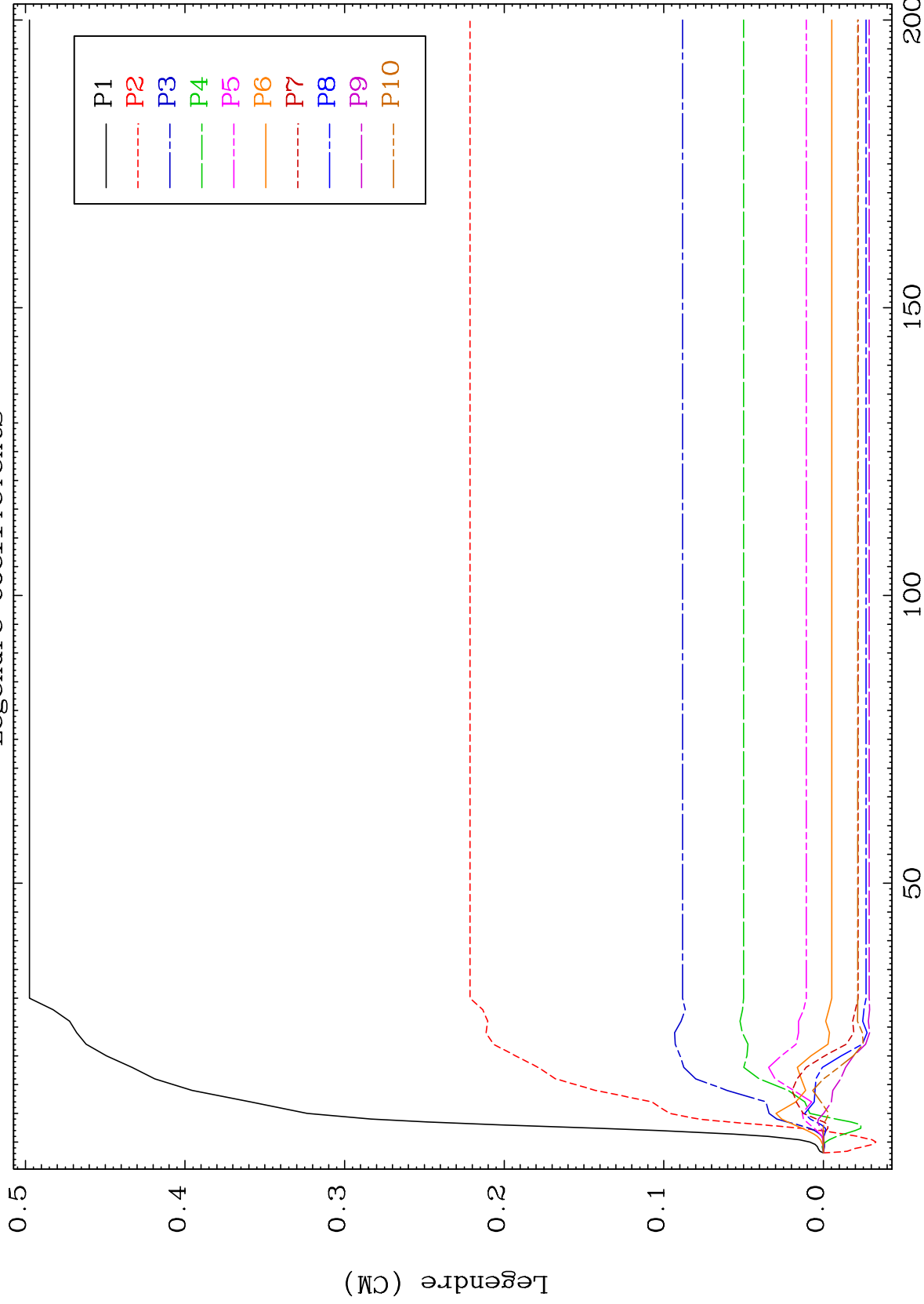
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



108

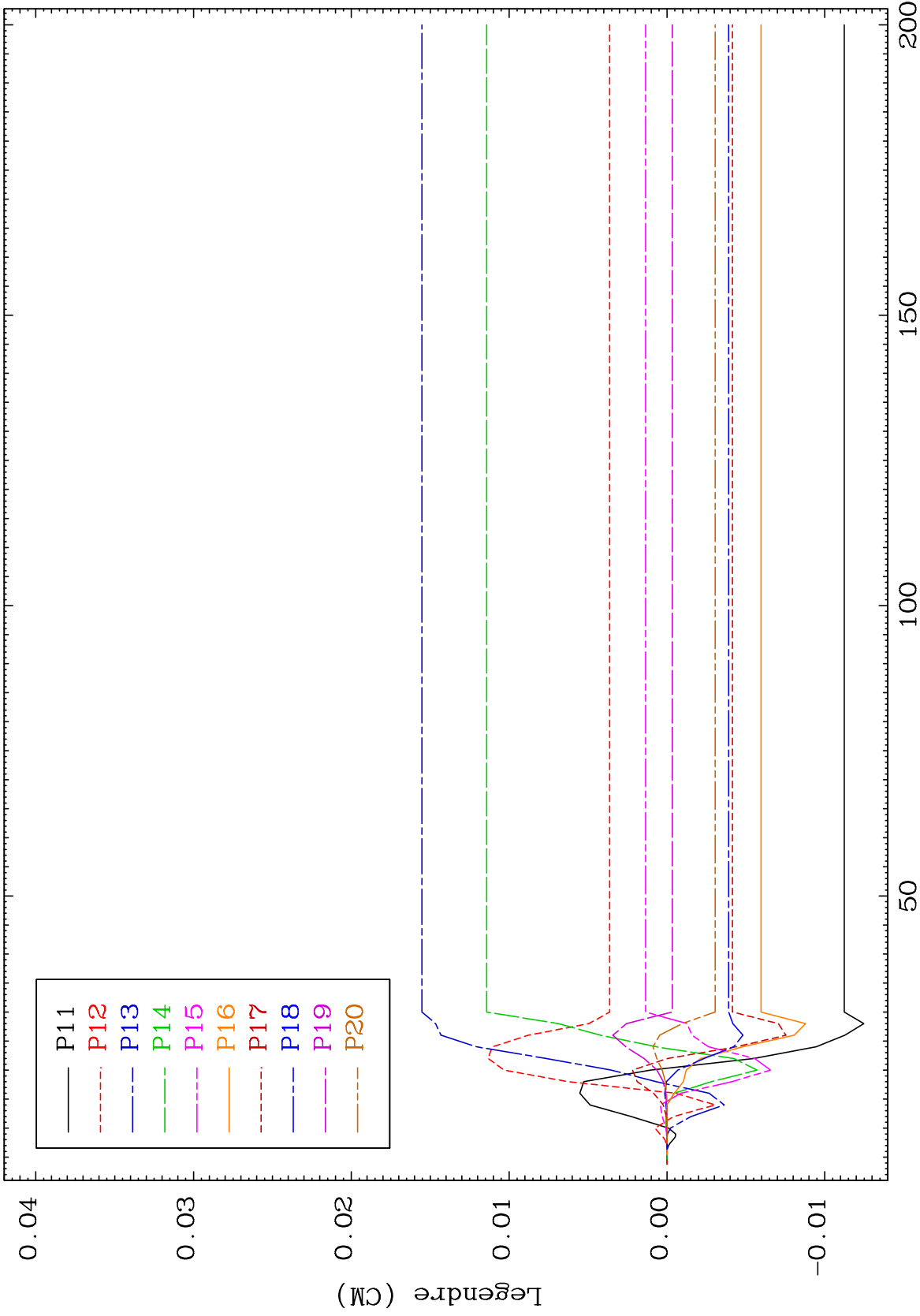
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



109

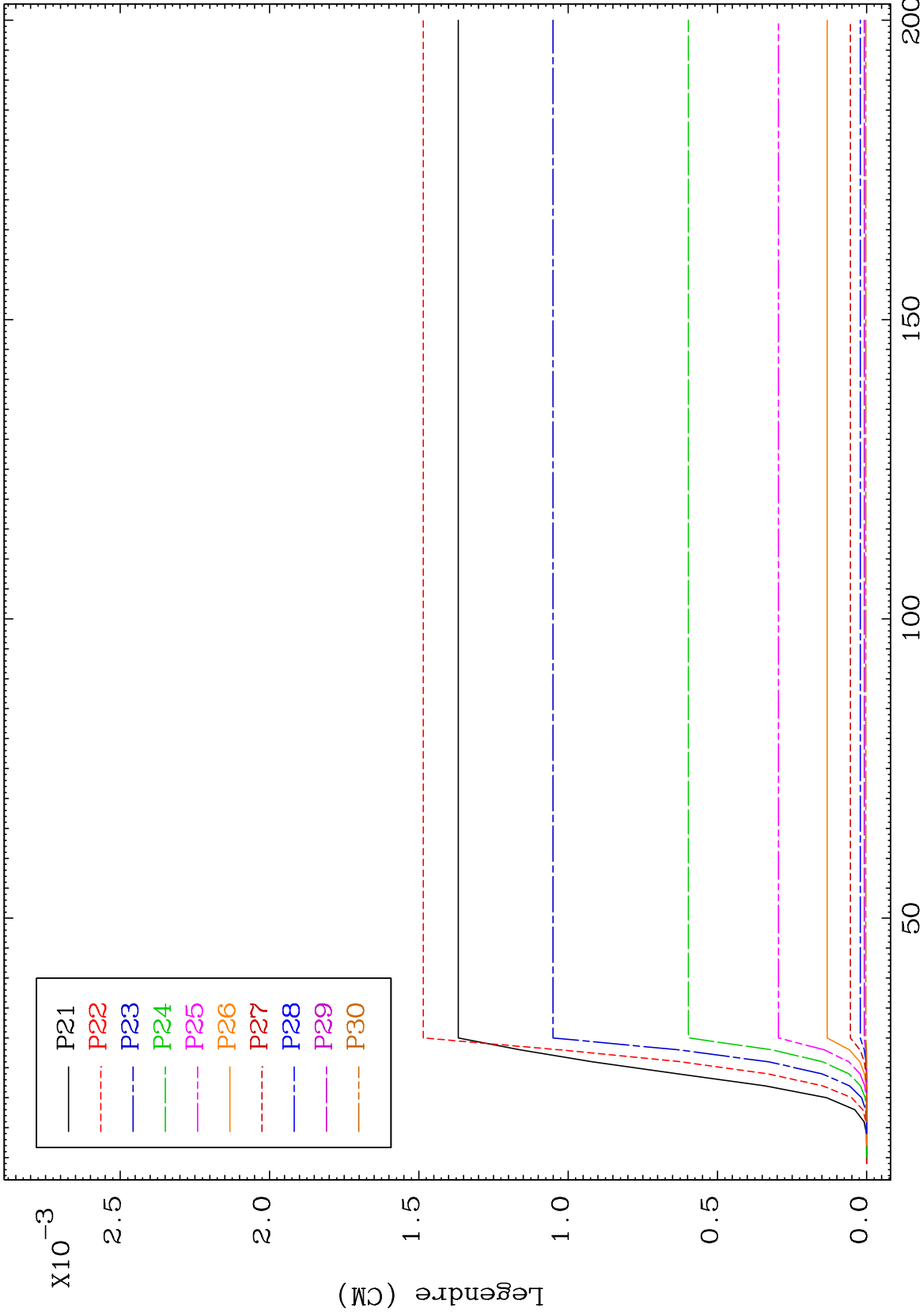
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



110

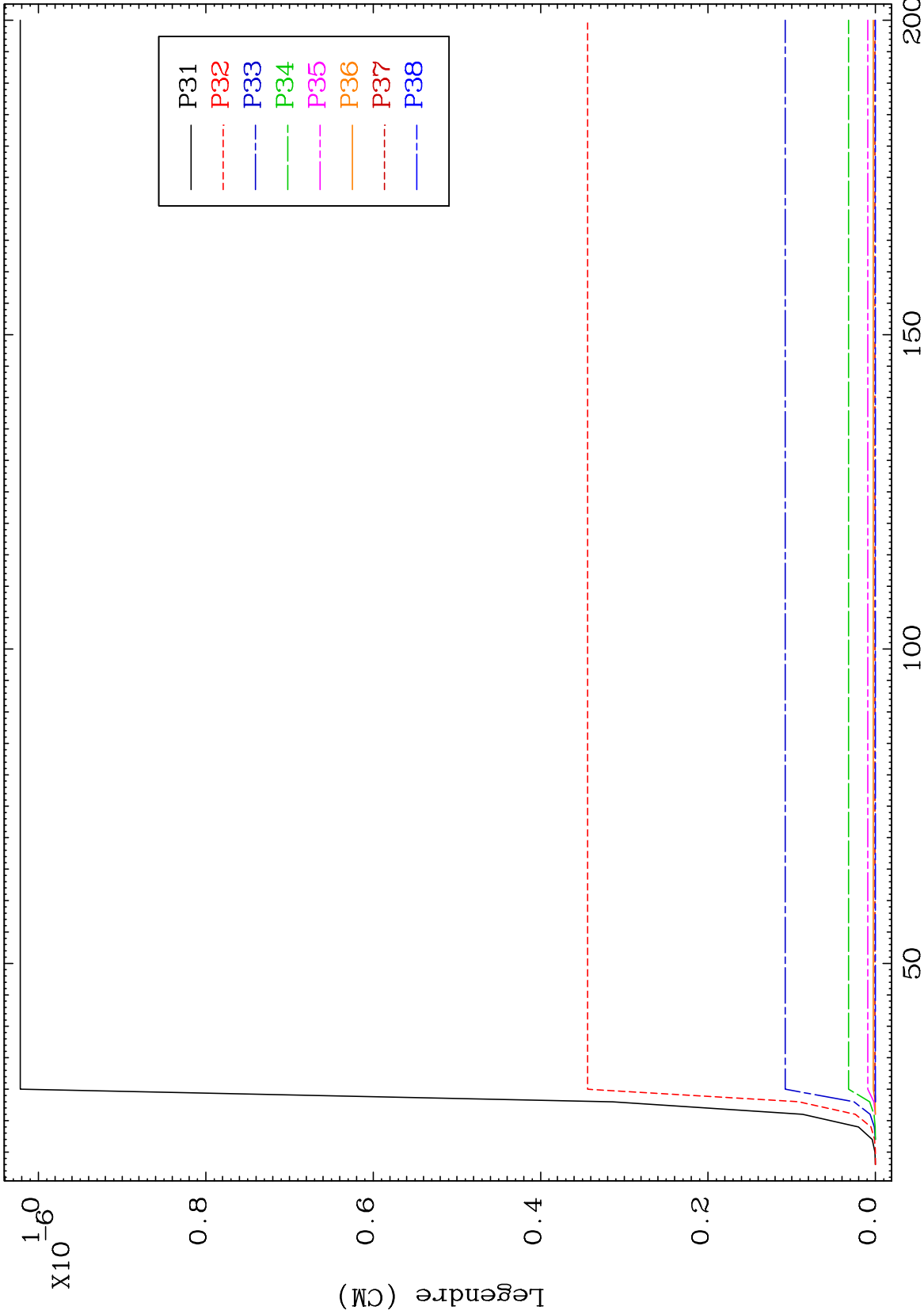
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



111

Incident Energy (MeV)

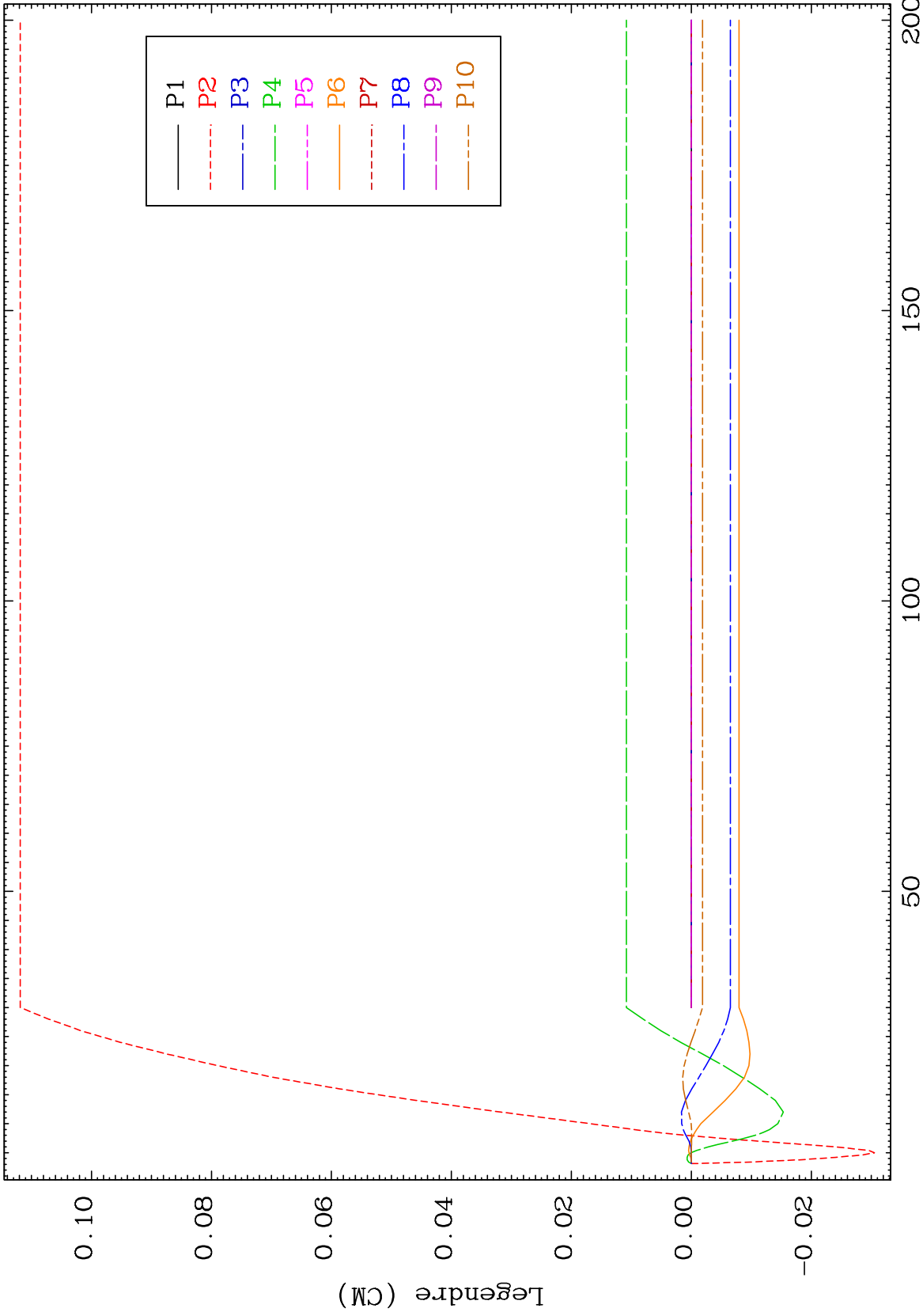
84-Po-210



MAT 8437

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

84-Po-210



112

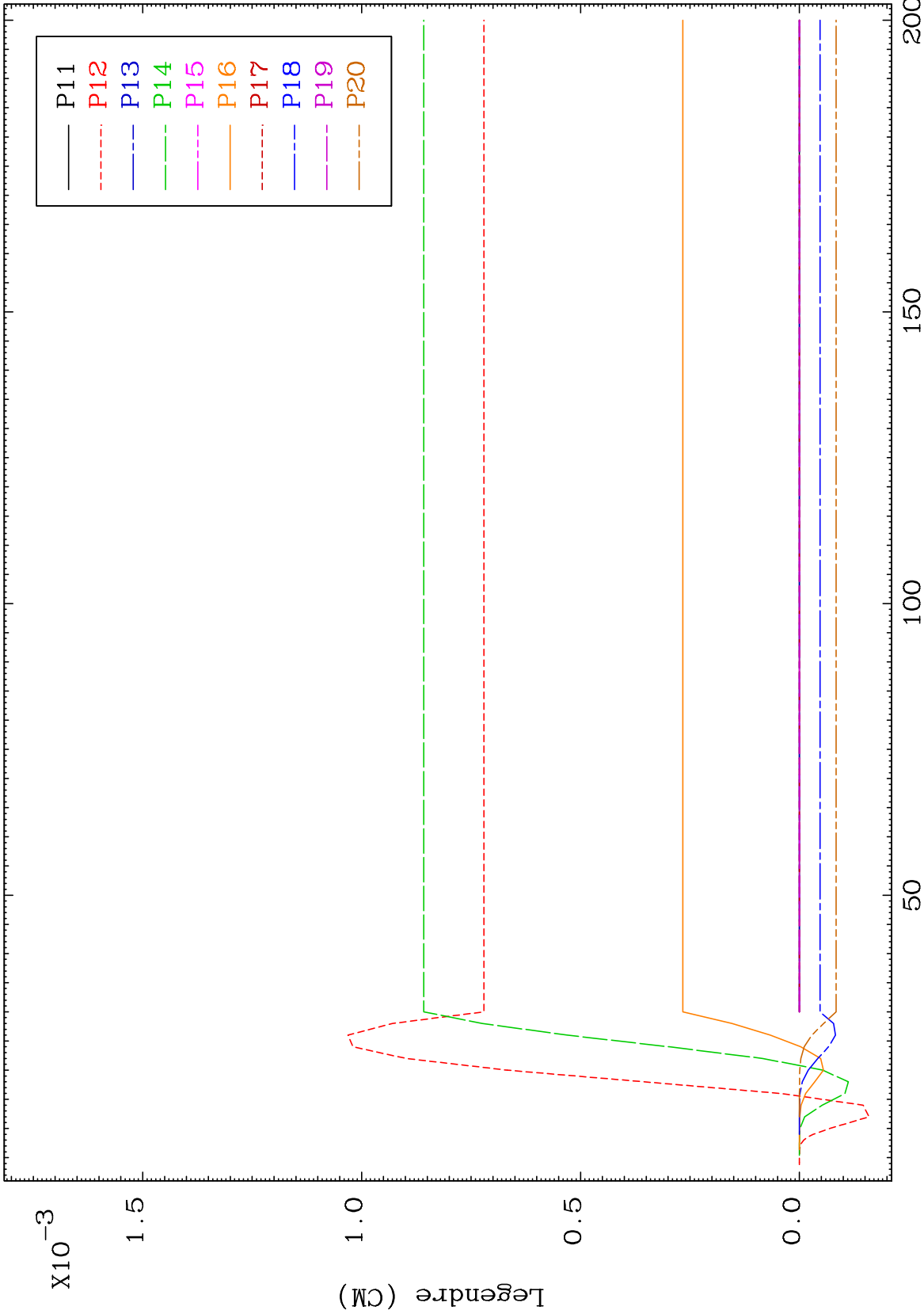
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



113

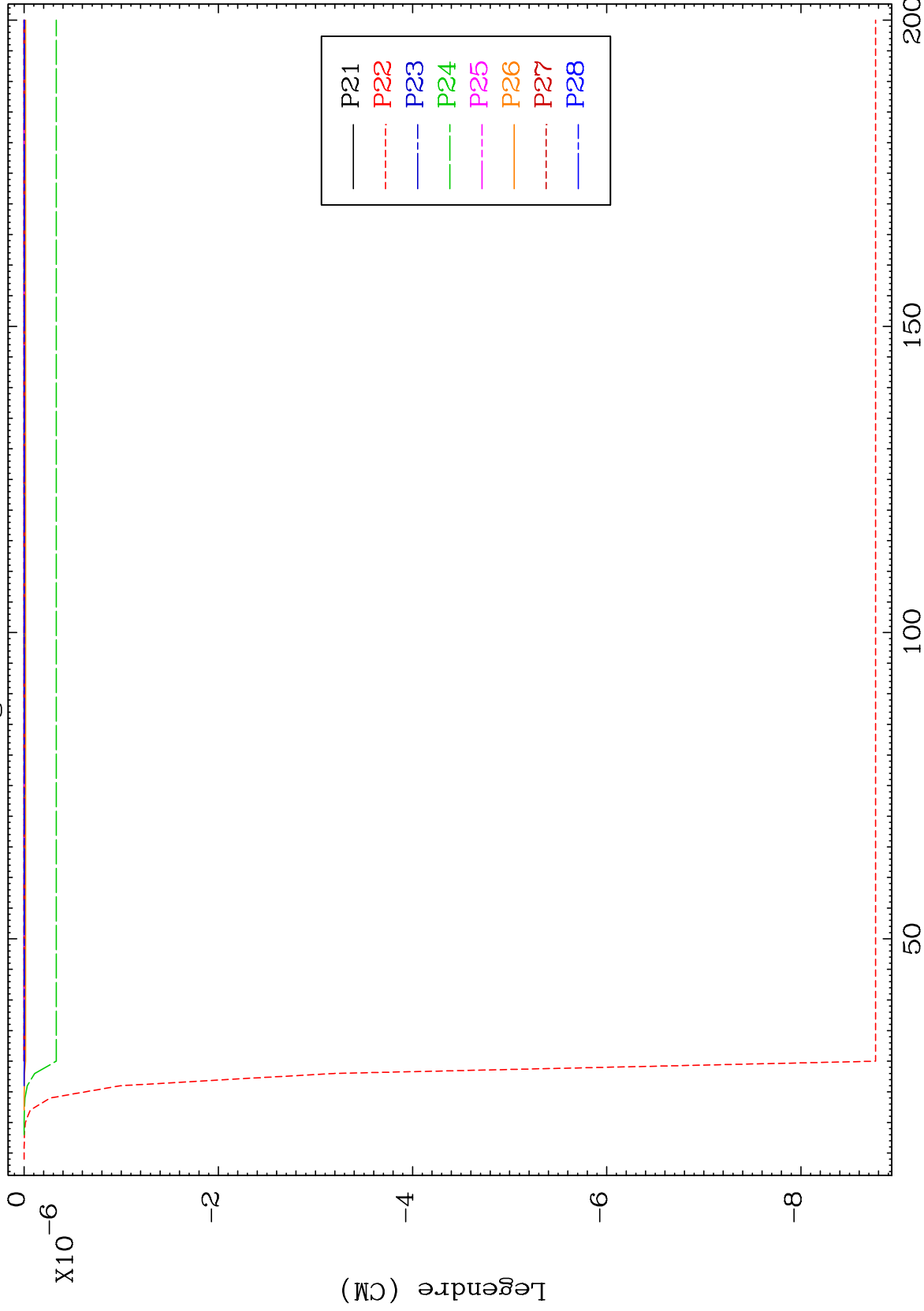
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



114

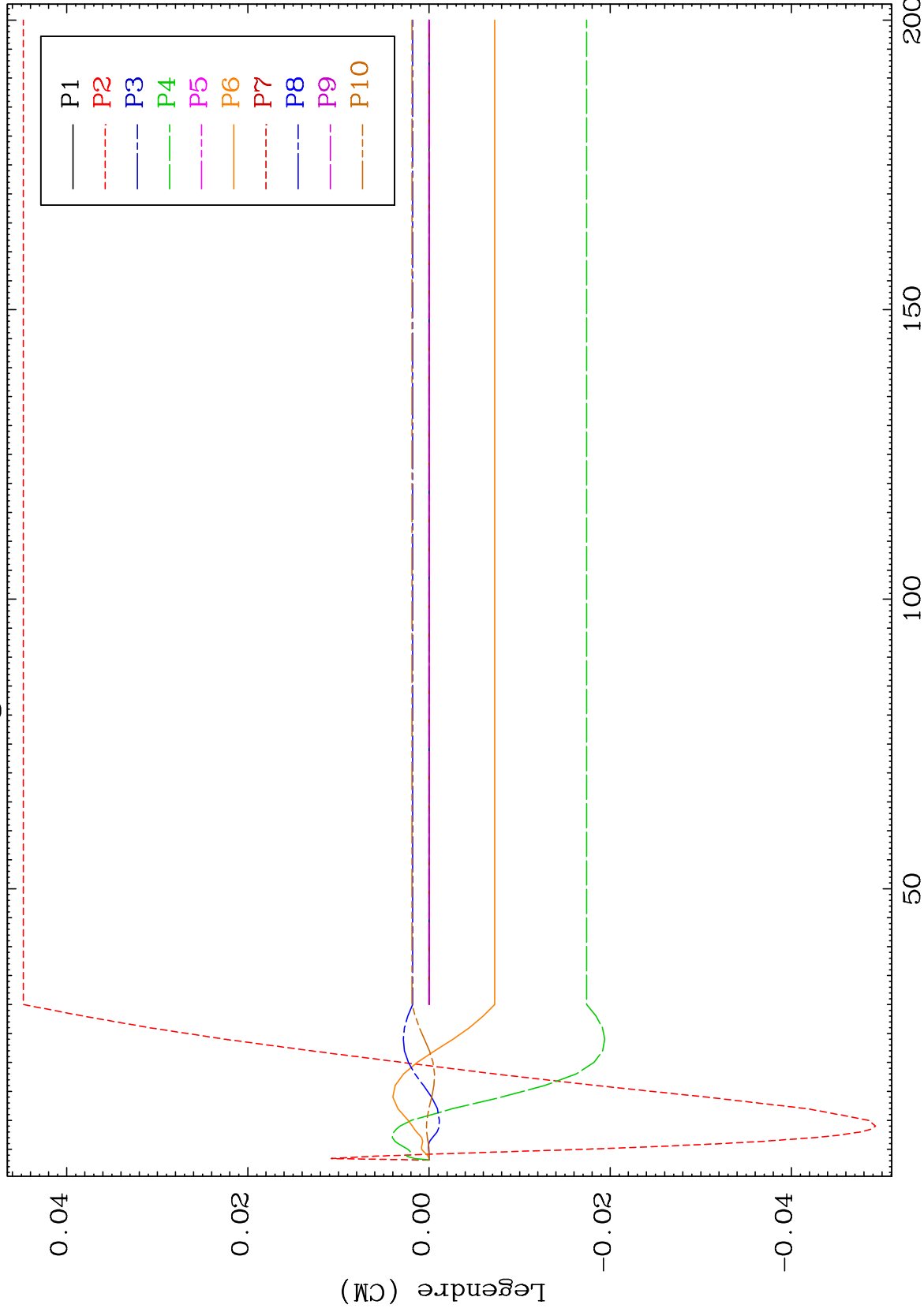
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



84-Po-210

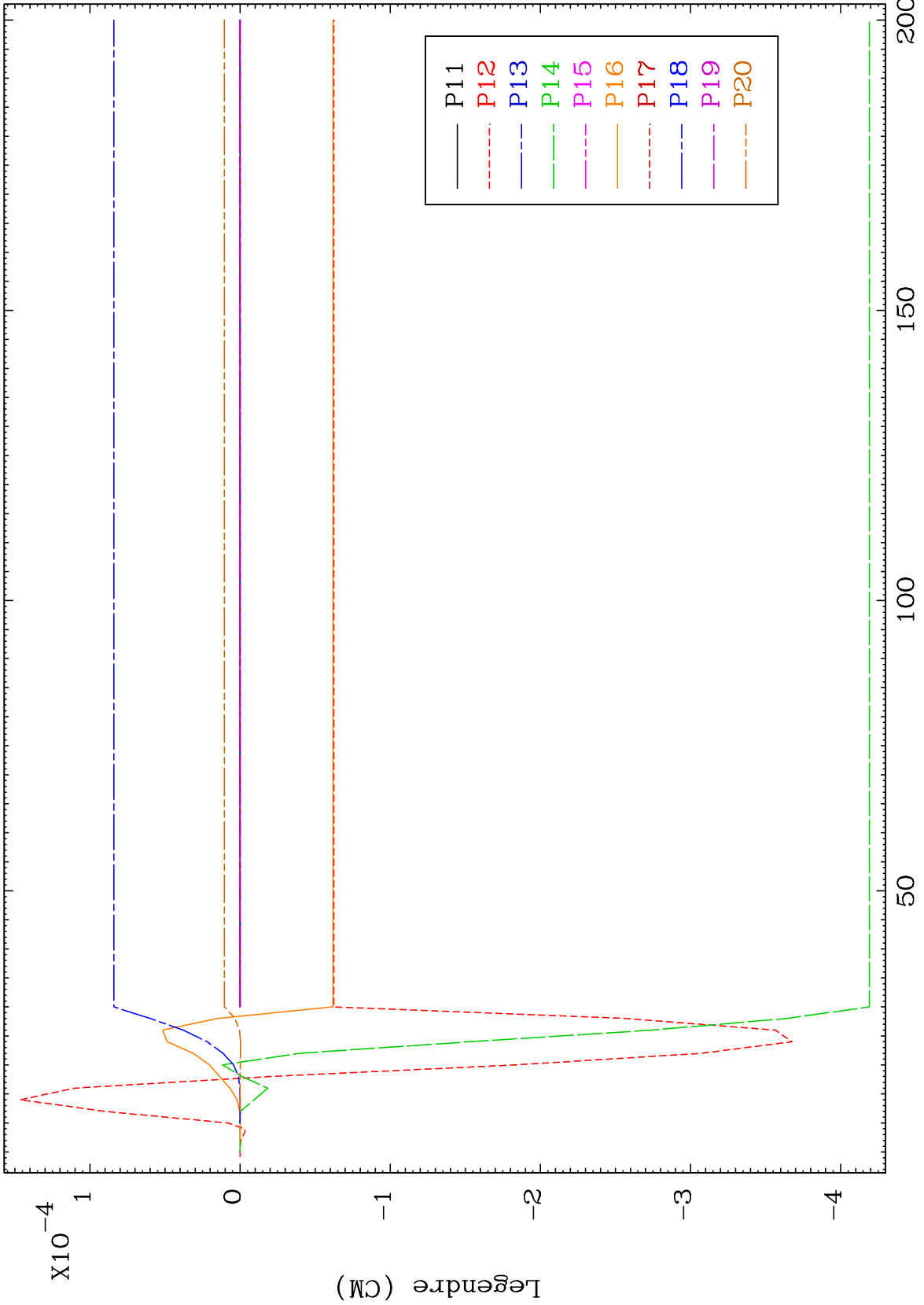
Incident Energy (MeV)

115

MAT 8437

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

84-Po-210



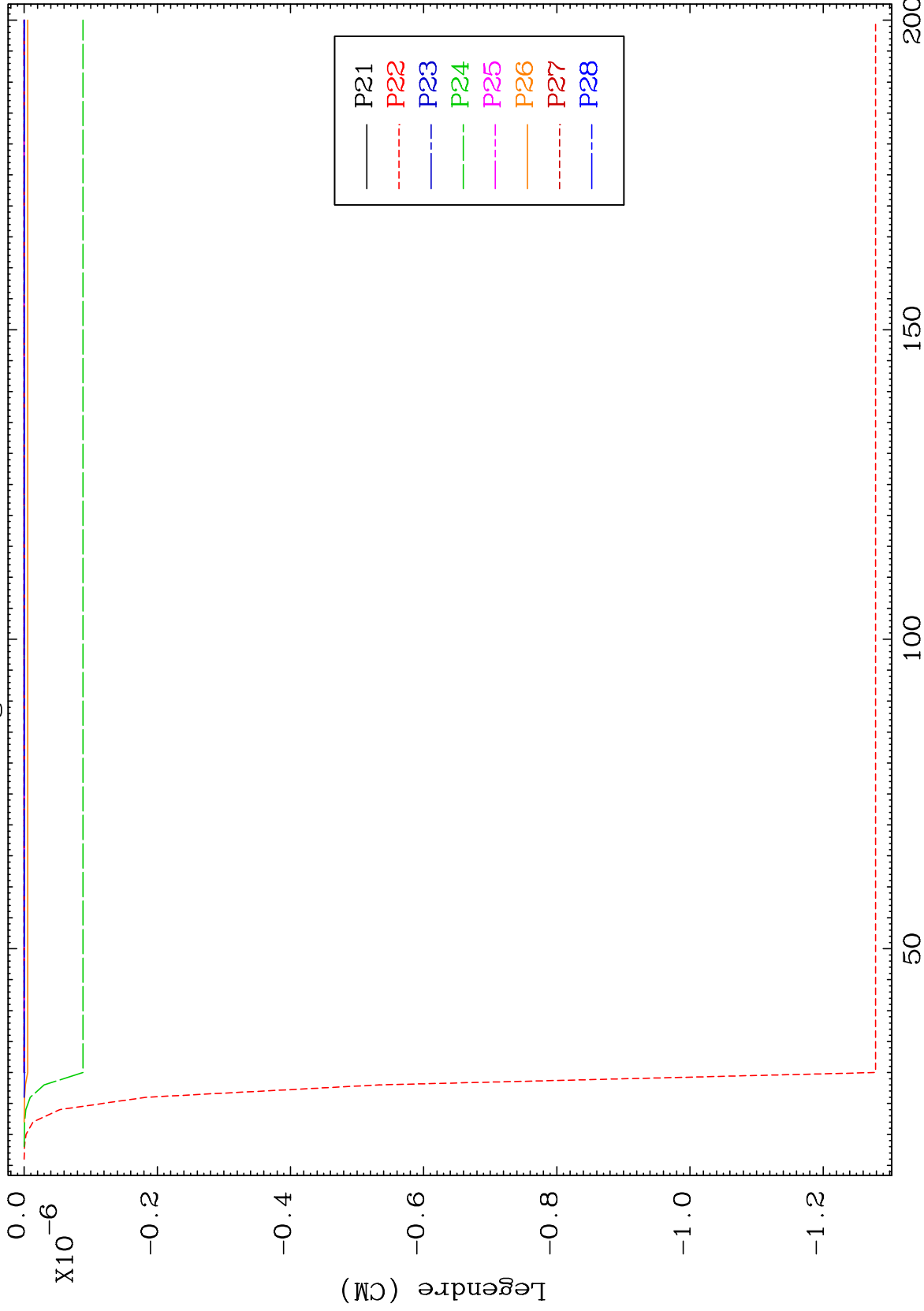
116

84-Po-210

MAT 8437

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

84-Po-210



117

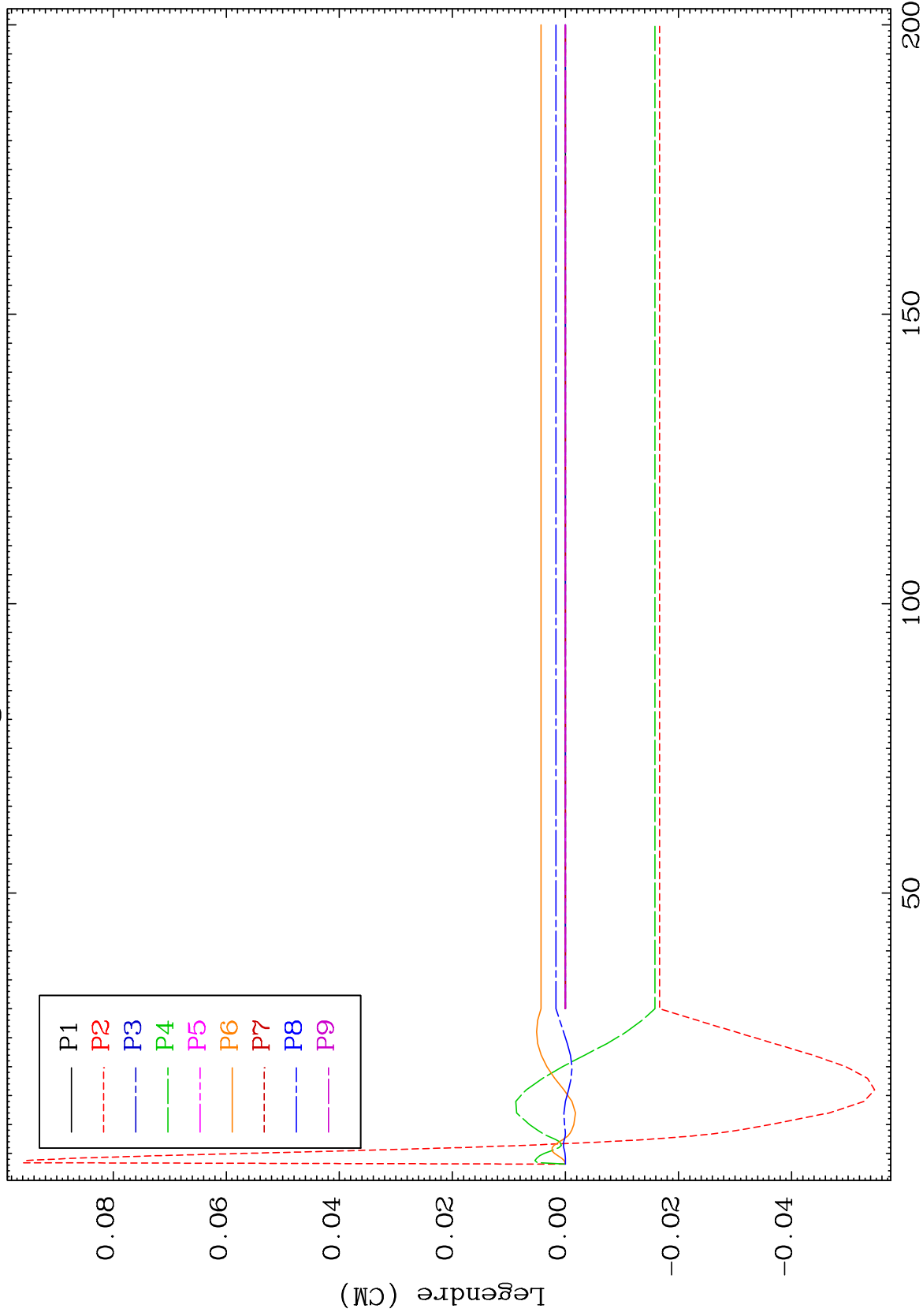
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



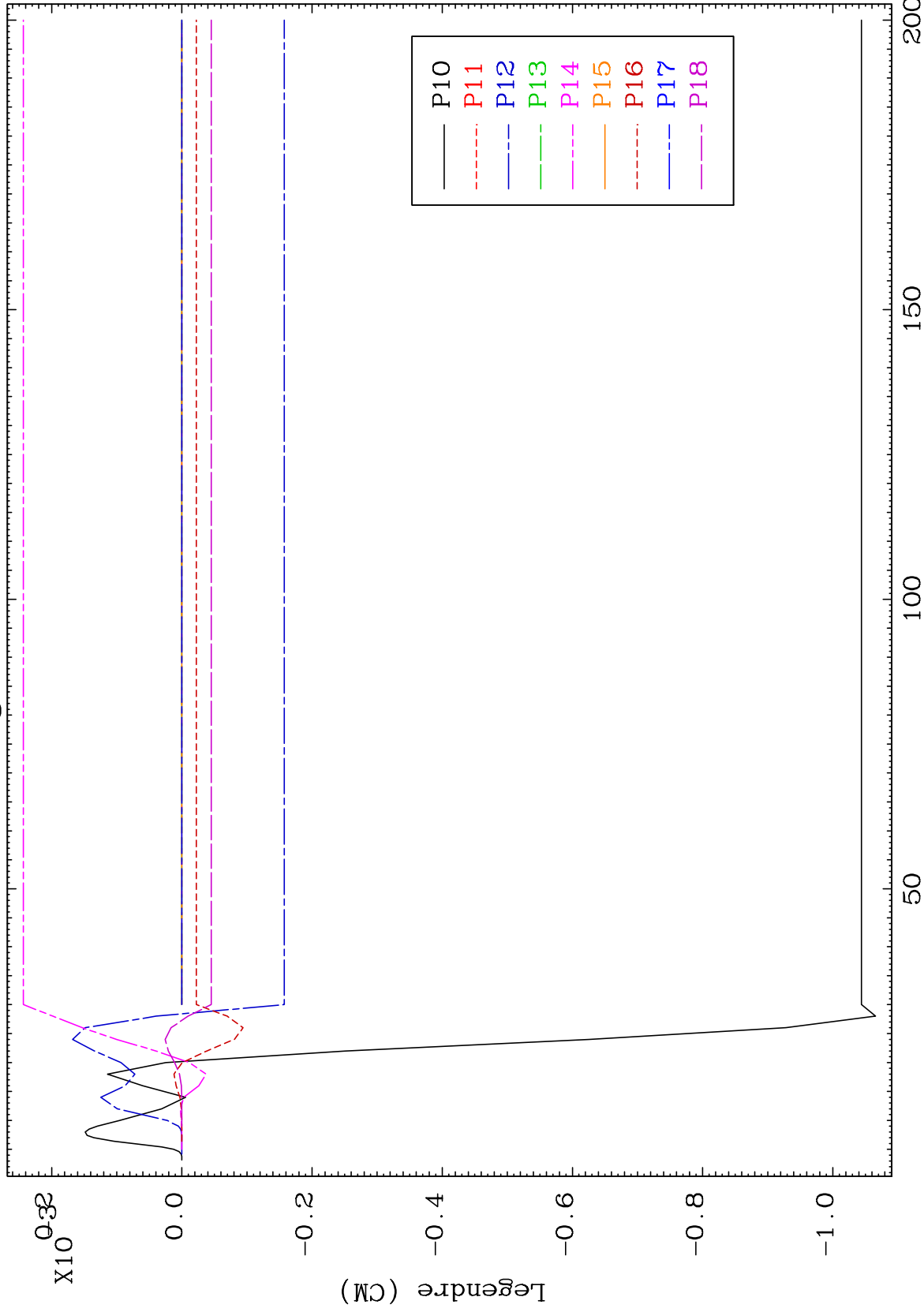
118

84-Po-210

MAT 8437

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

84-Po-210



119

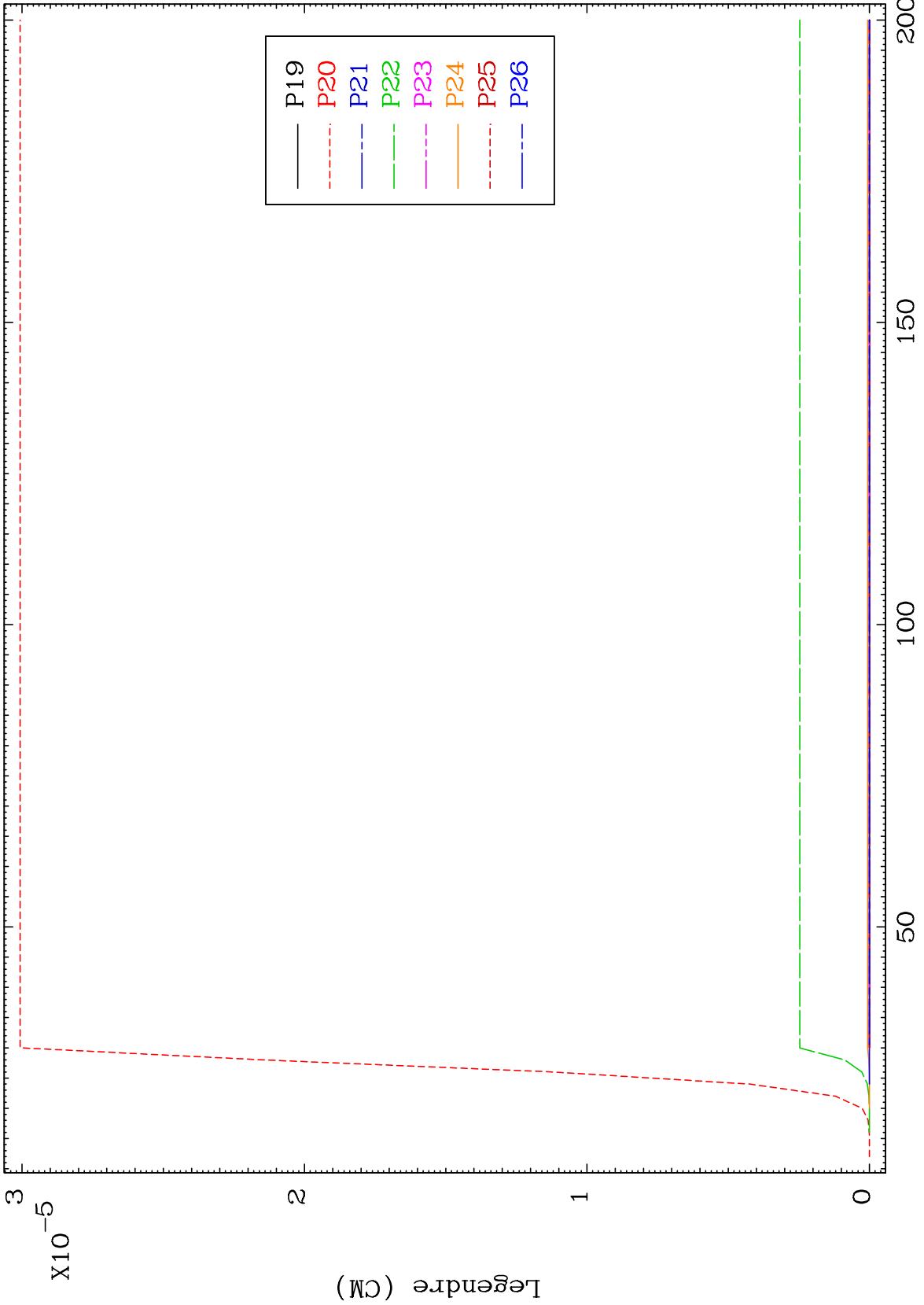
84-Po-210



MAT 8437

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

84-Po-210



84-Po-210

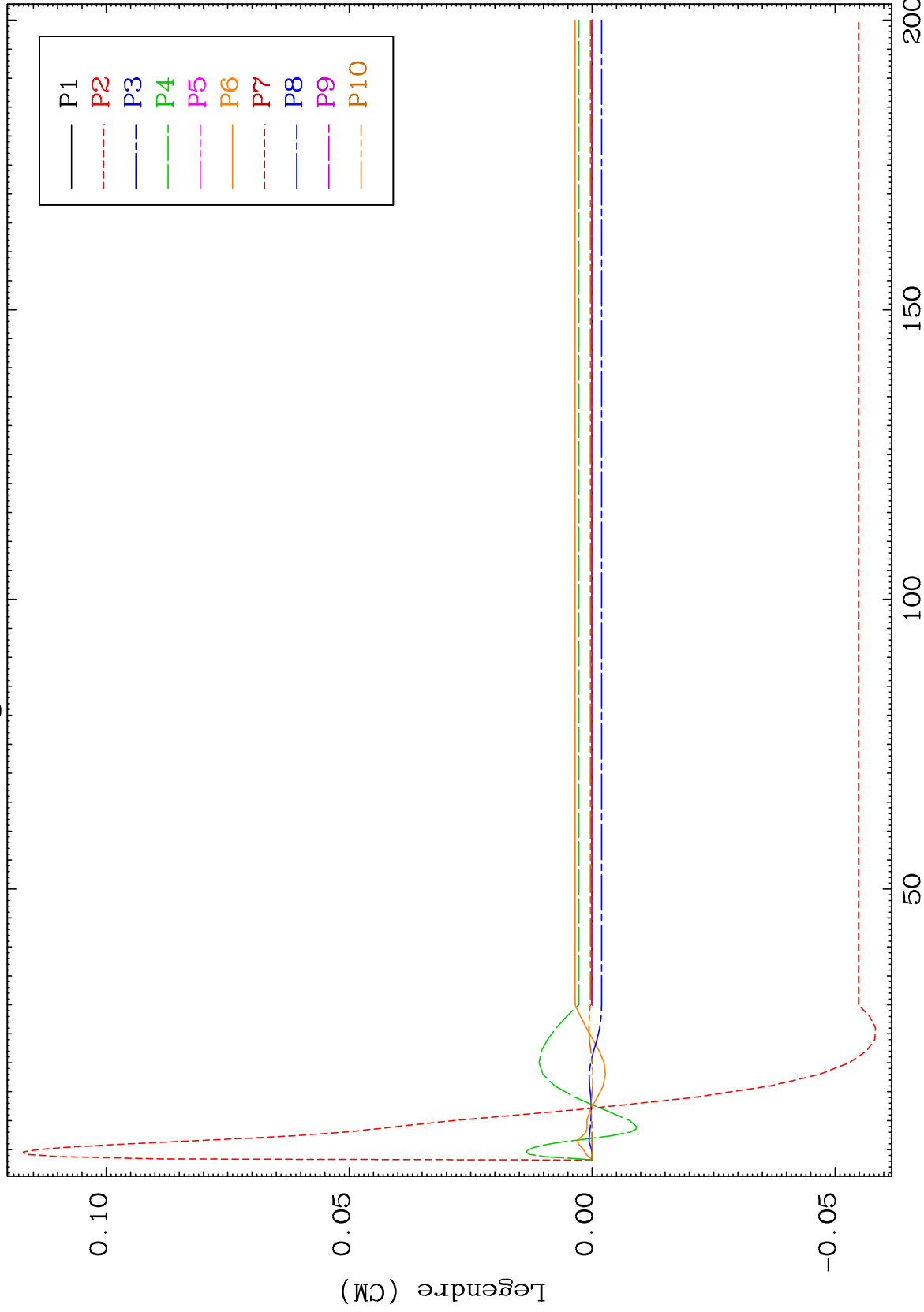
Incident Energy (MeV)

Legendre (CM)

MAT 8437

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

84-Po-210



121

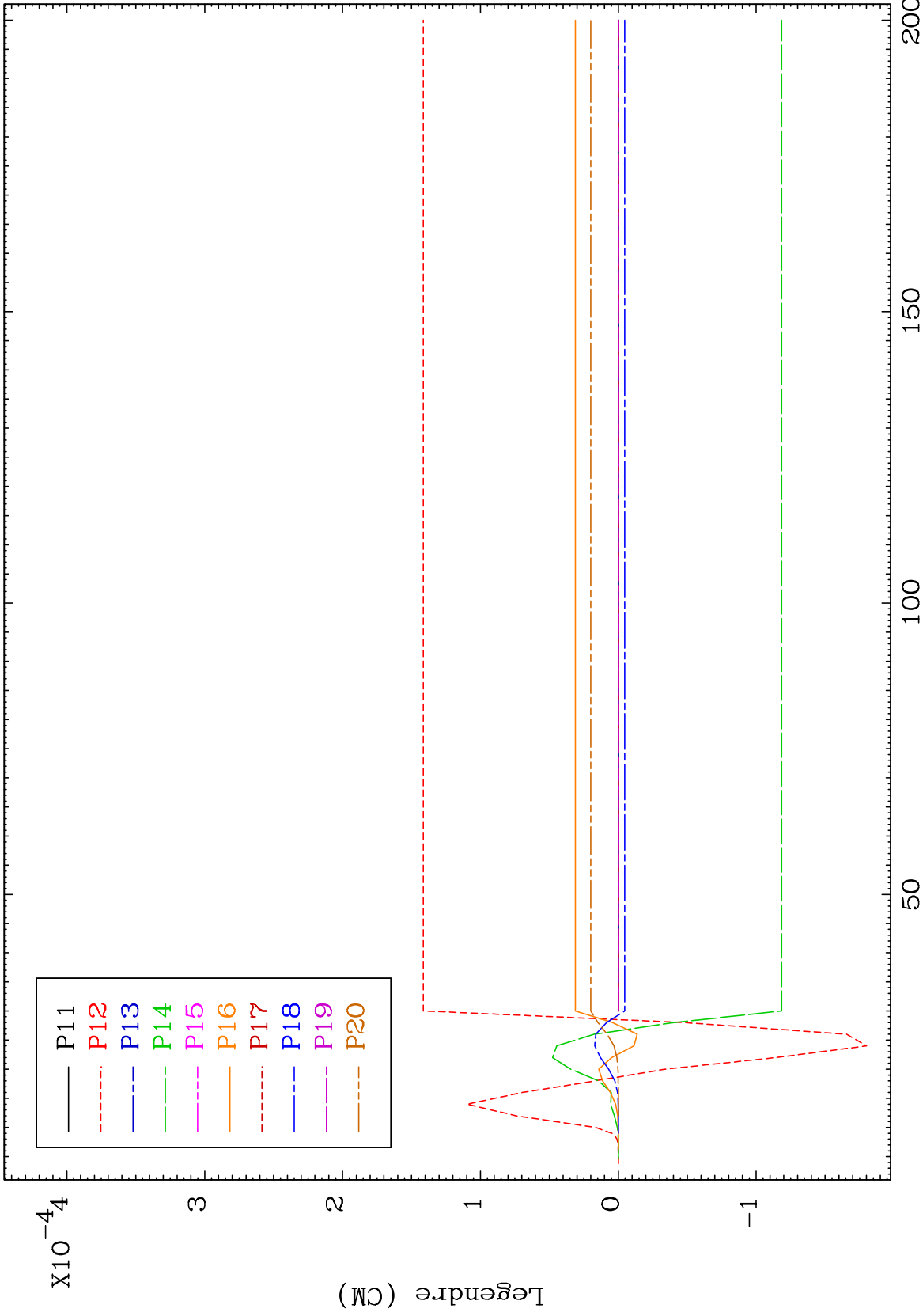
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



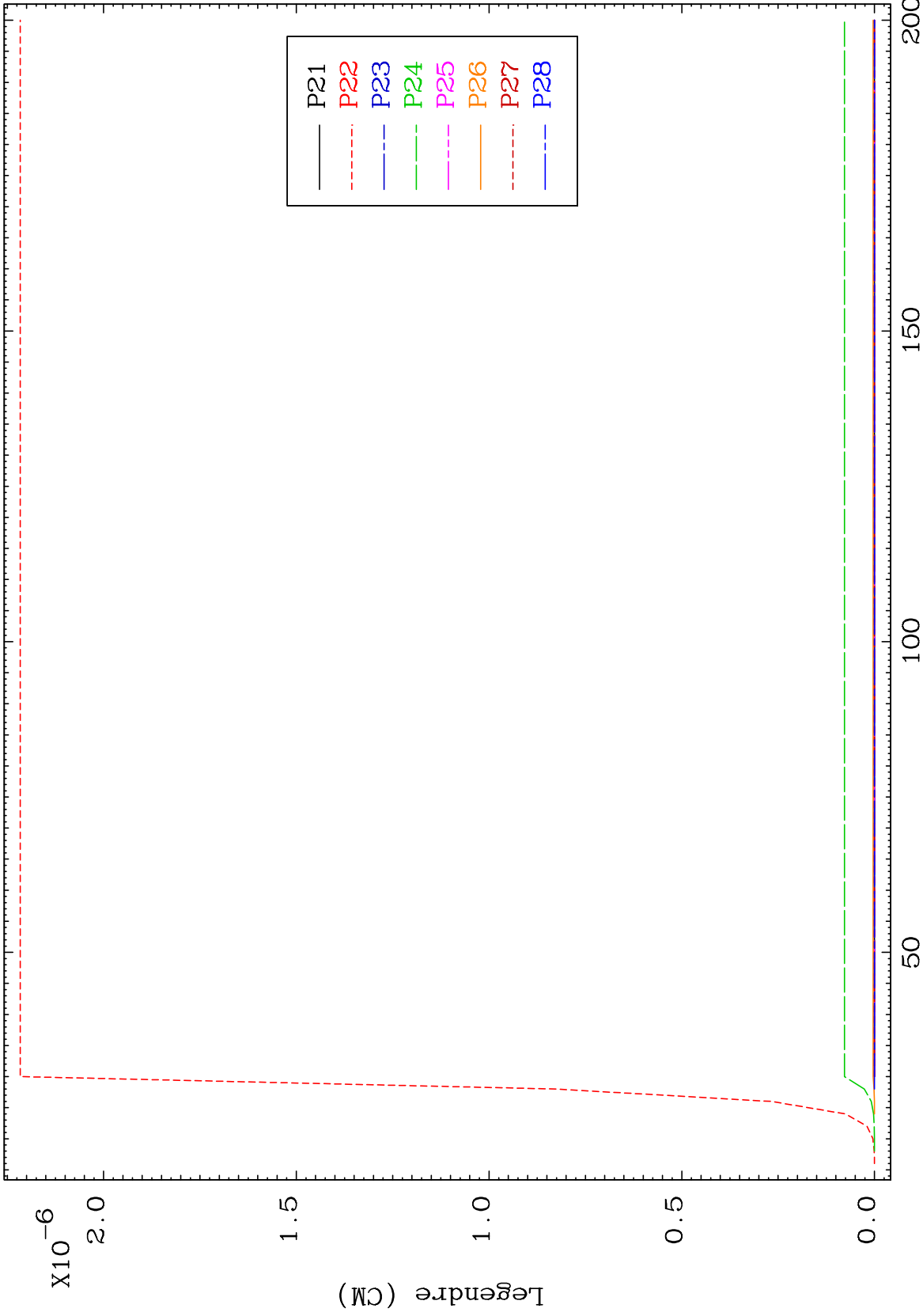
122

84-Po-210

MAT 8437

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

84-Po-210



123

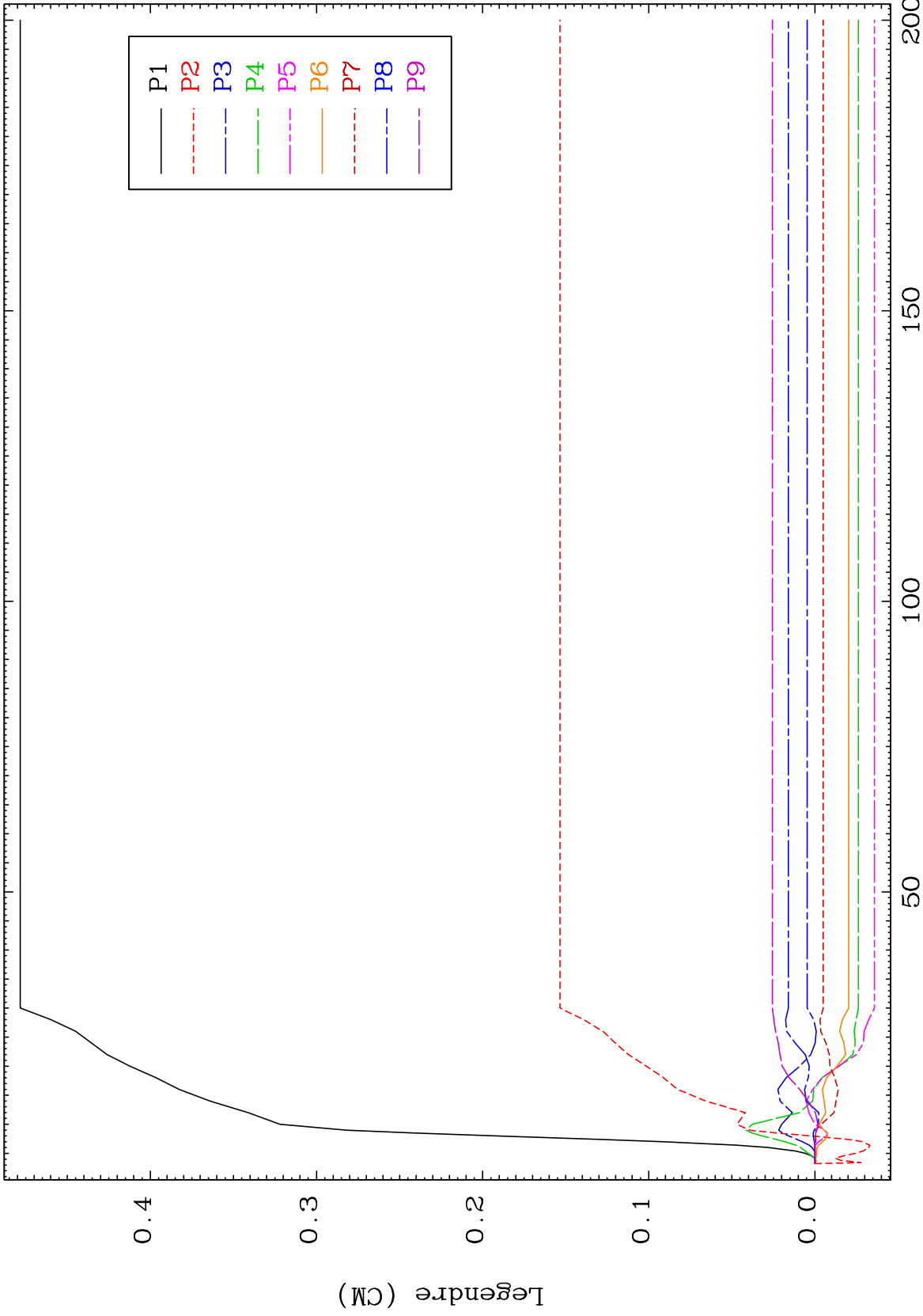
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



124

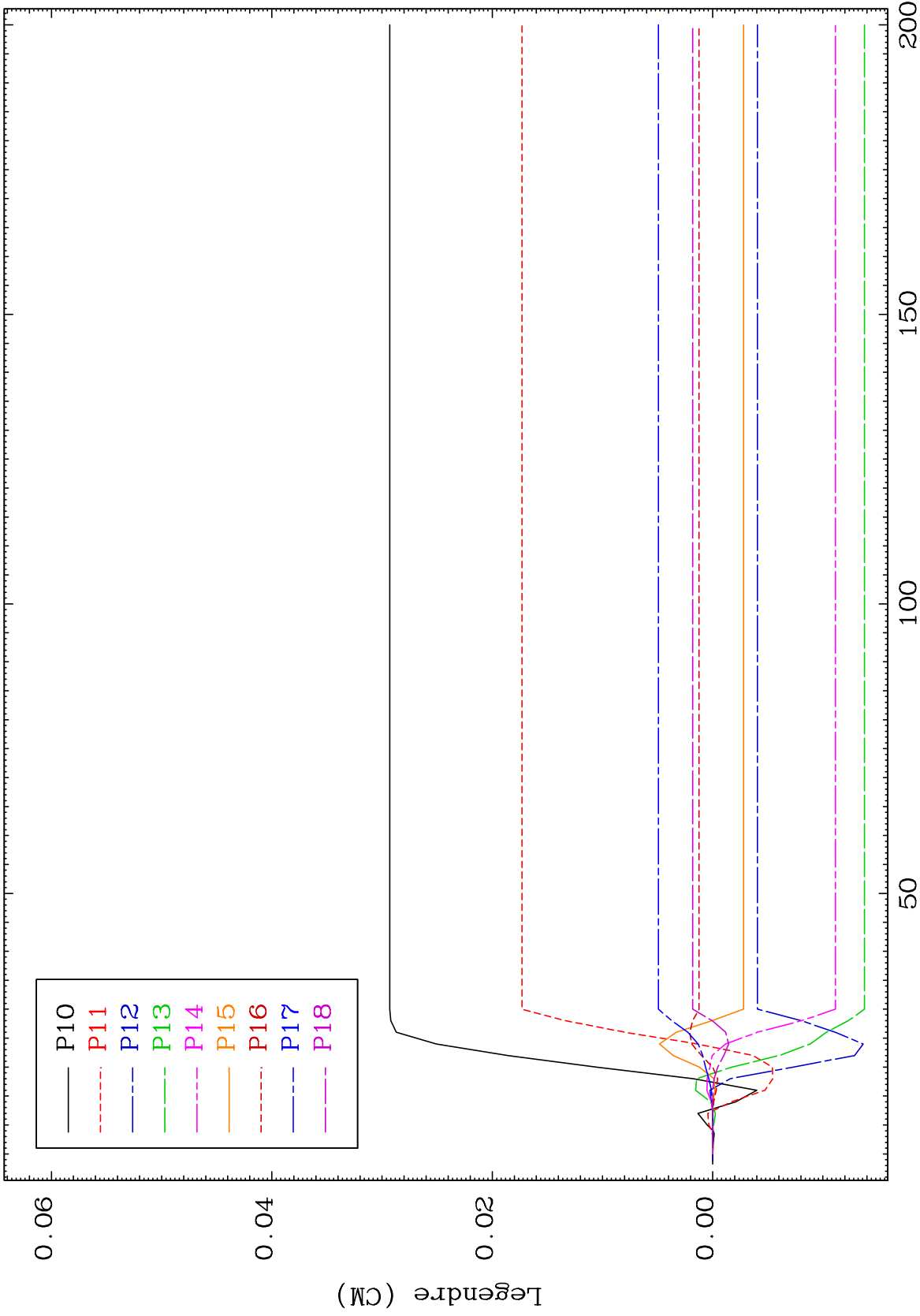
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



125

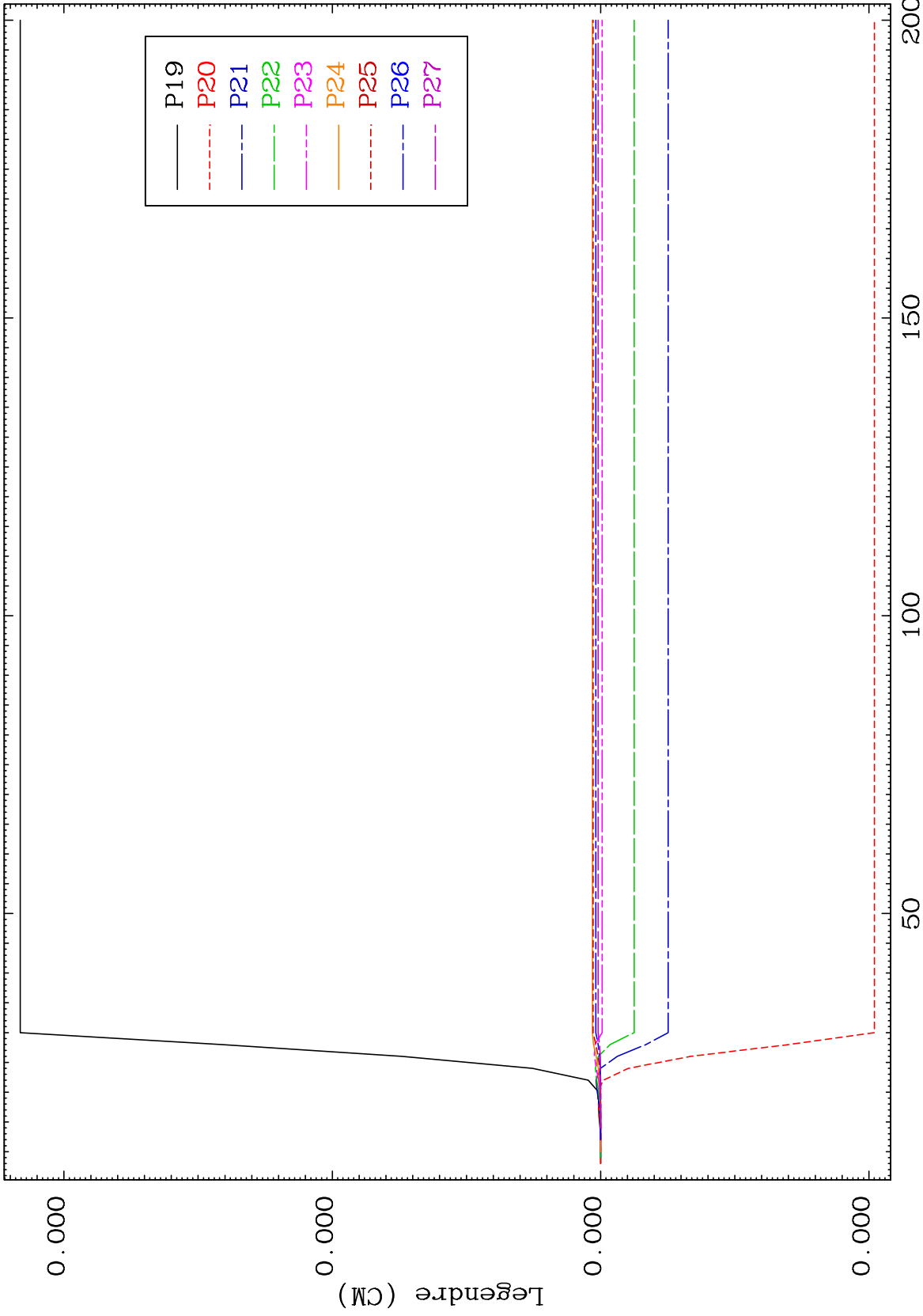
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



126

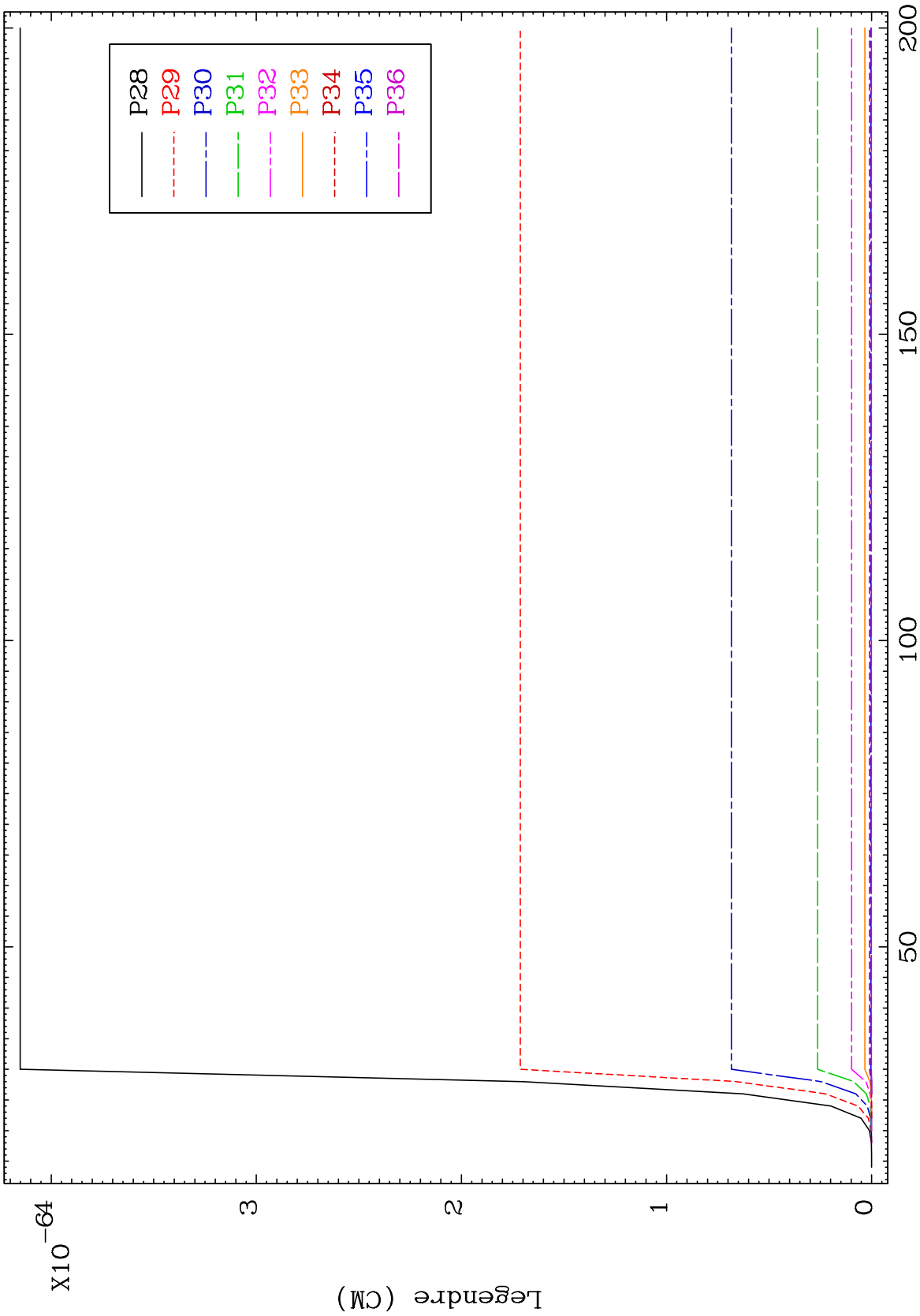
Incident Energy (MeV)

84-Po-210

MAT 8437

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

84-Po-210



127

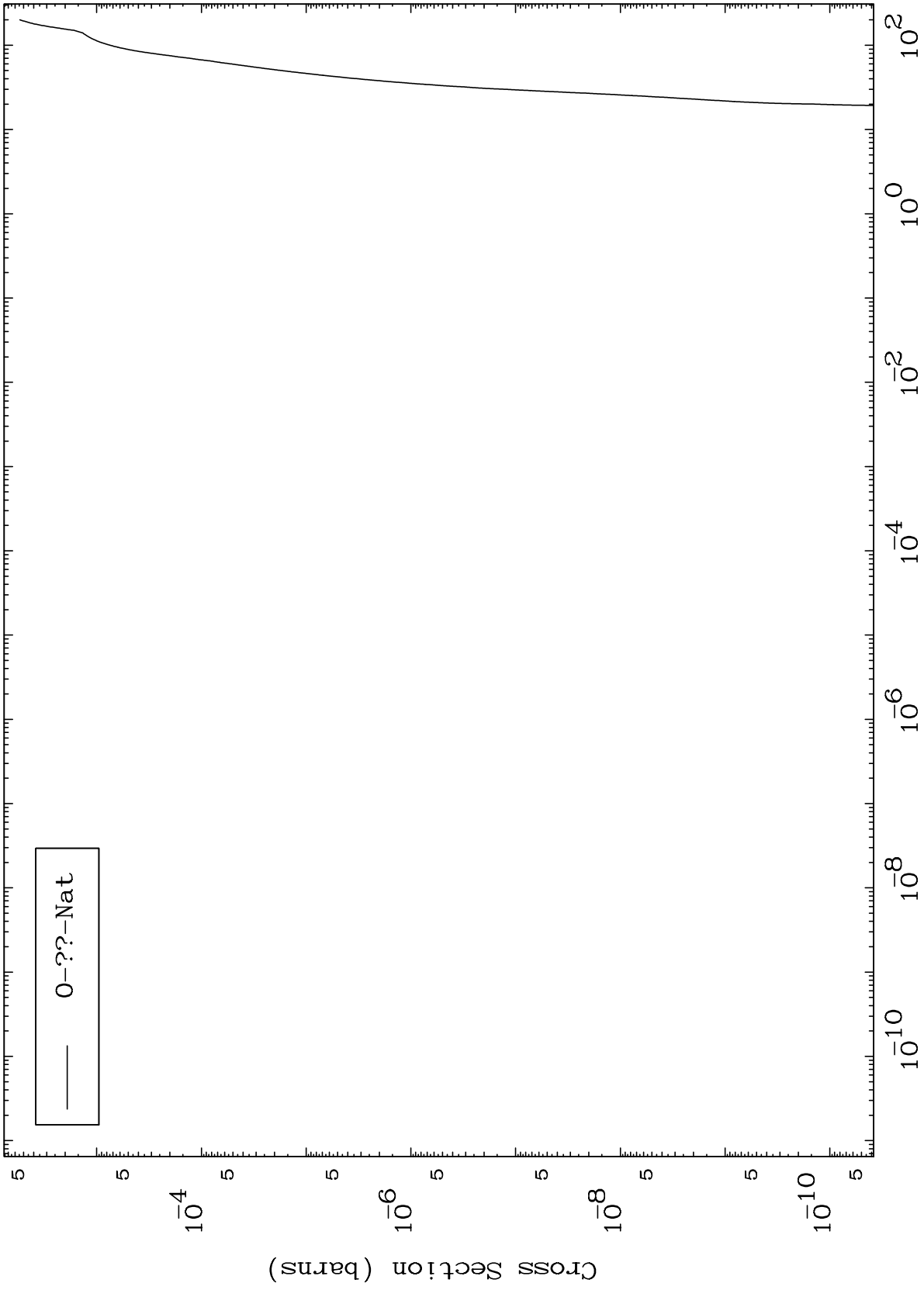
84-Po-210



MAT 8437

Fission  
Radionuclide Production Cross Section

84-Po-210



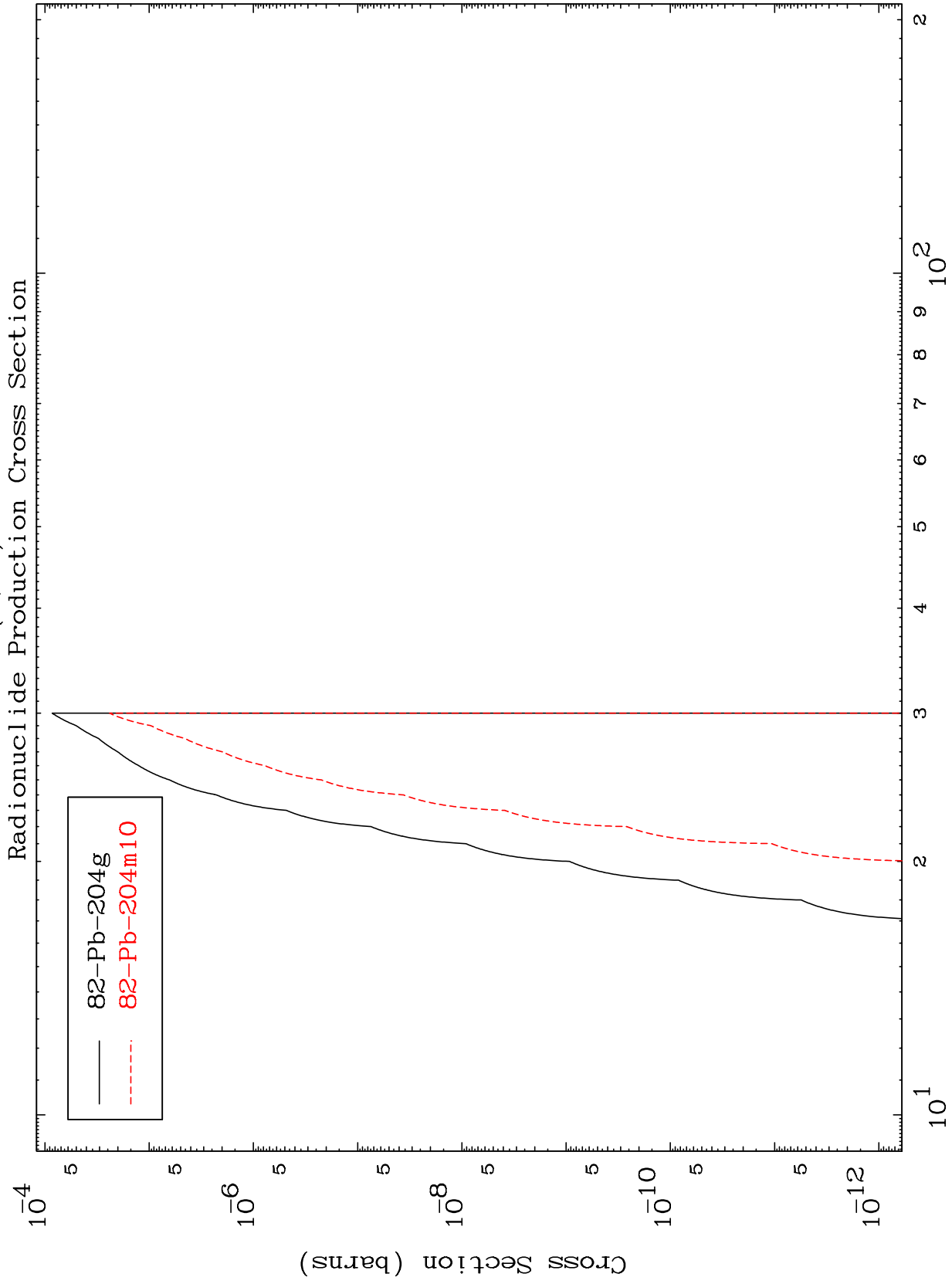
128

84-Po-210

MAT 8437

(n,3n)  $\alpha$

84-Po-210

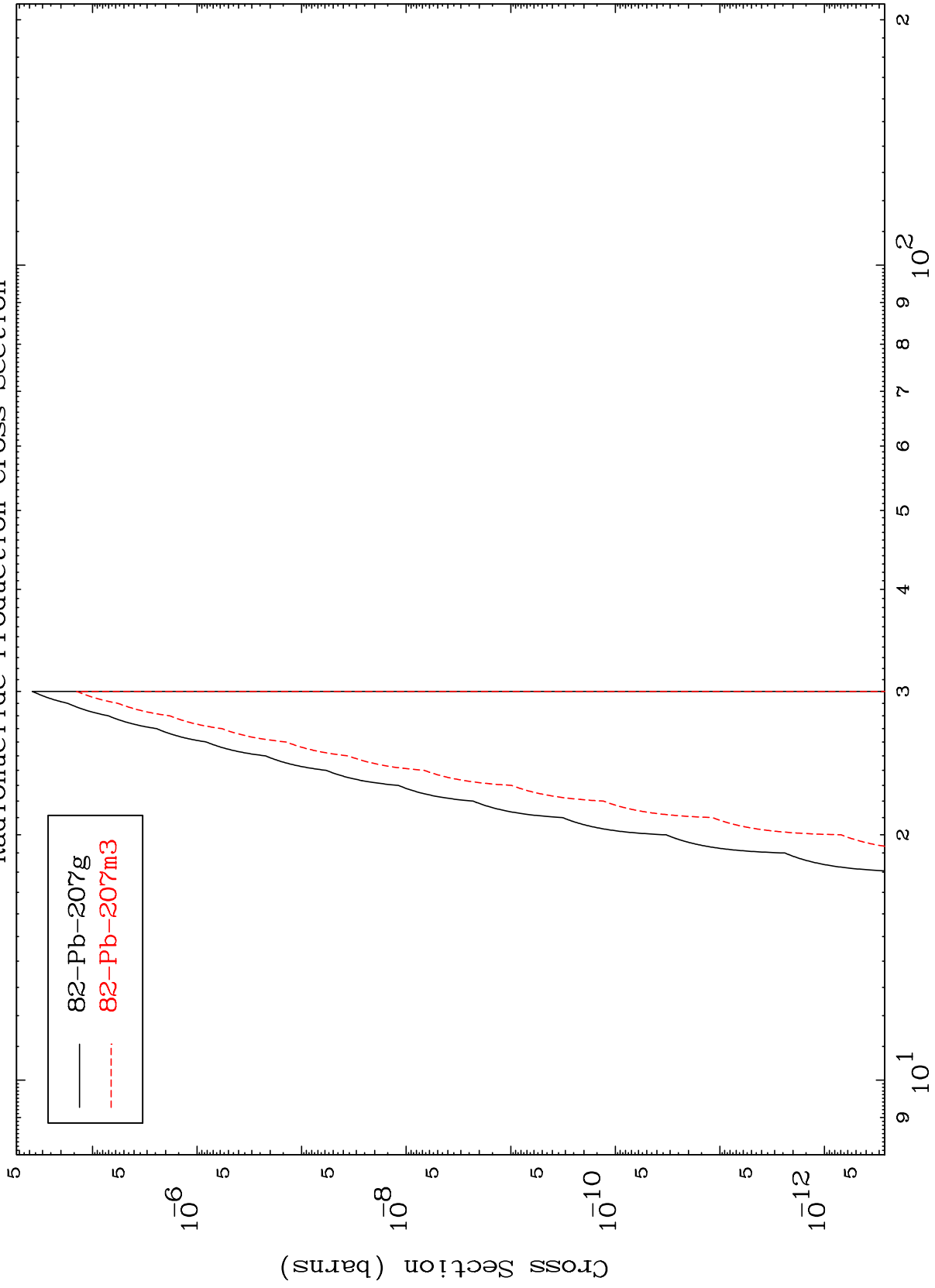


MAT 8437

(n, n') He-3

84-Po-210

Radionuclide Production Cross Section



130

Incident Energy (MeV)

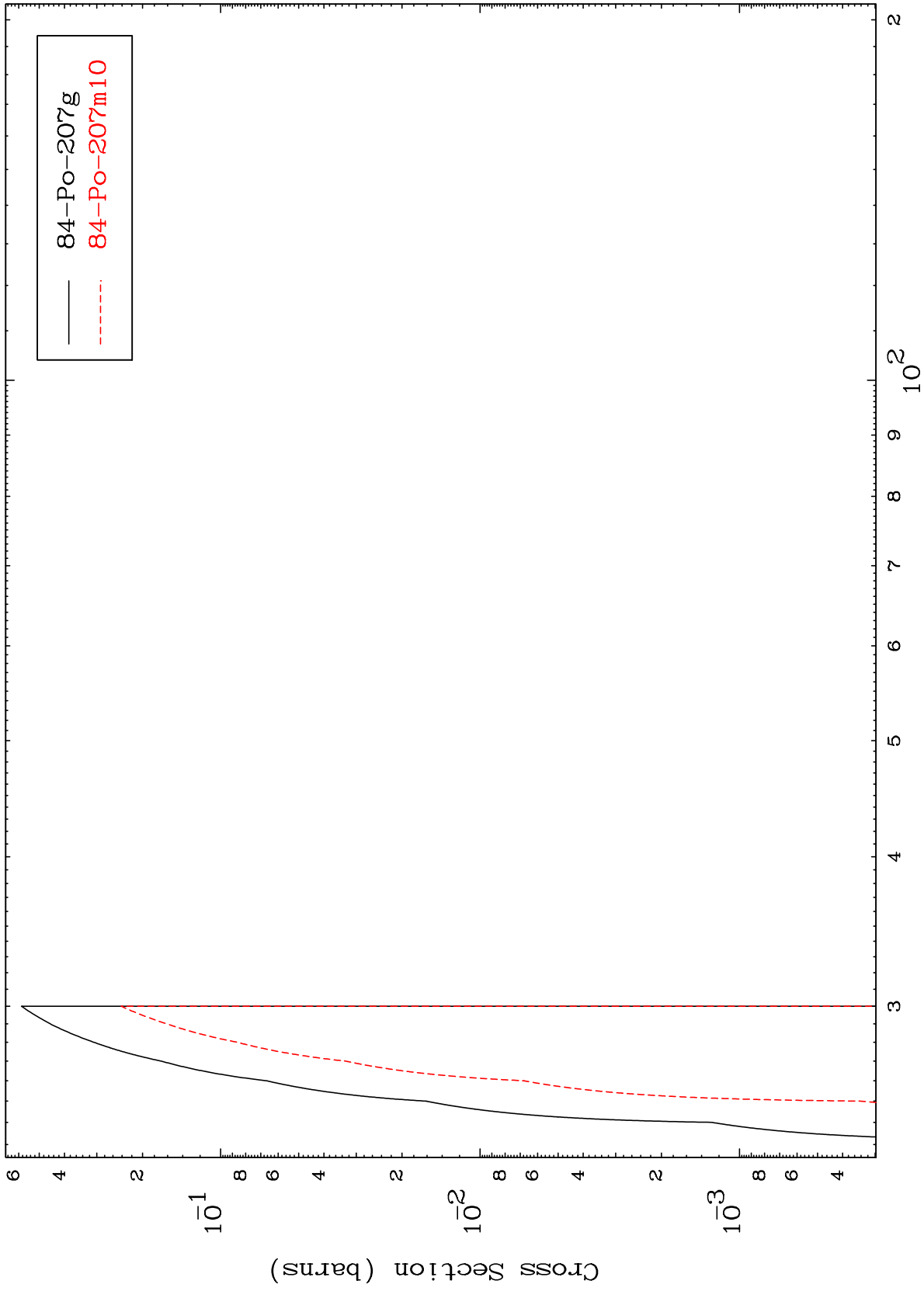
84-Po-210

MAT 8437

(n,4n)

84-Po-210

Radionuclide Production Cross Section



131

Incident Energy (MeV)

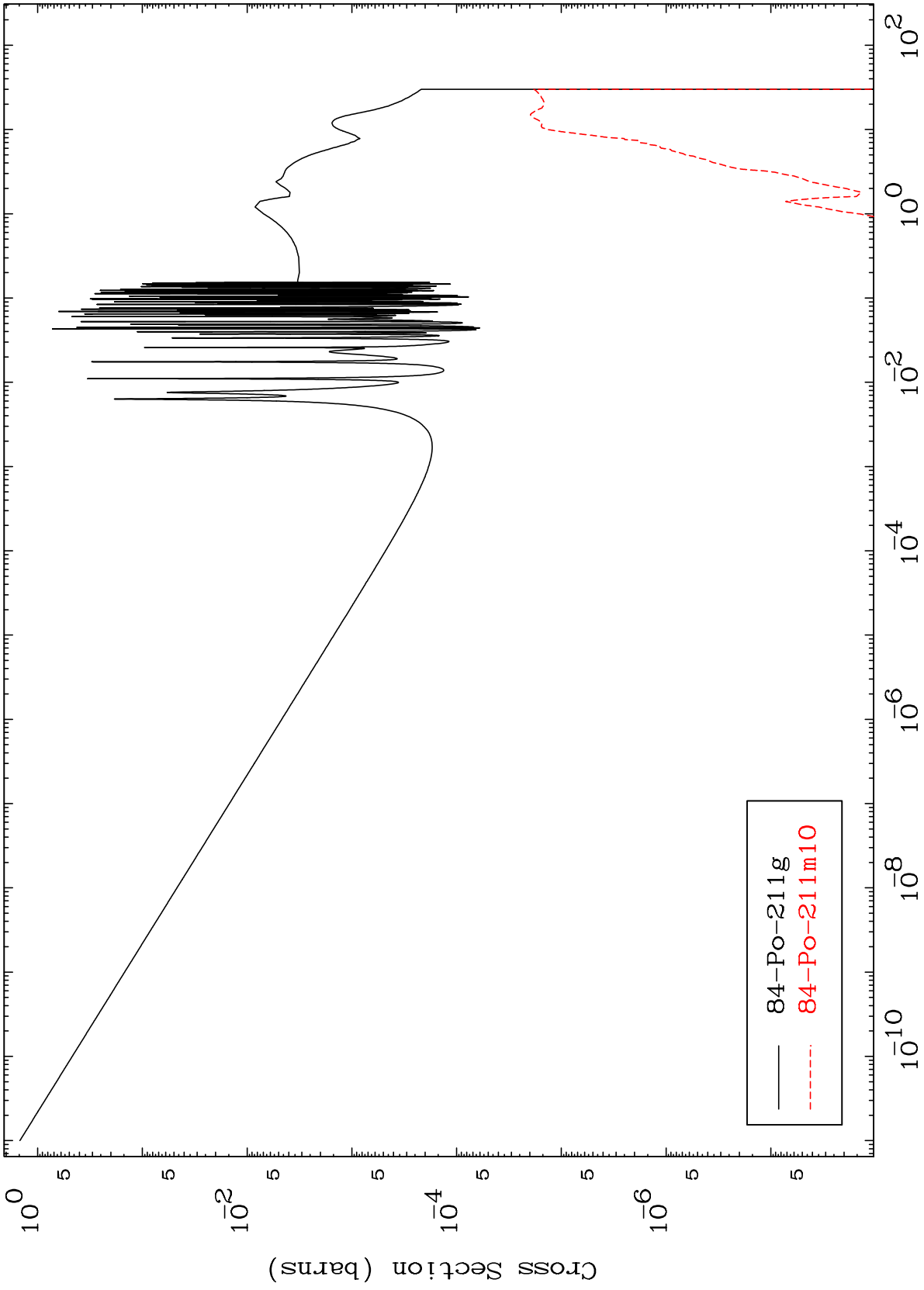
84-Po-210

MAT 8437

(n,γ)

84-Po-210

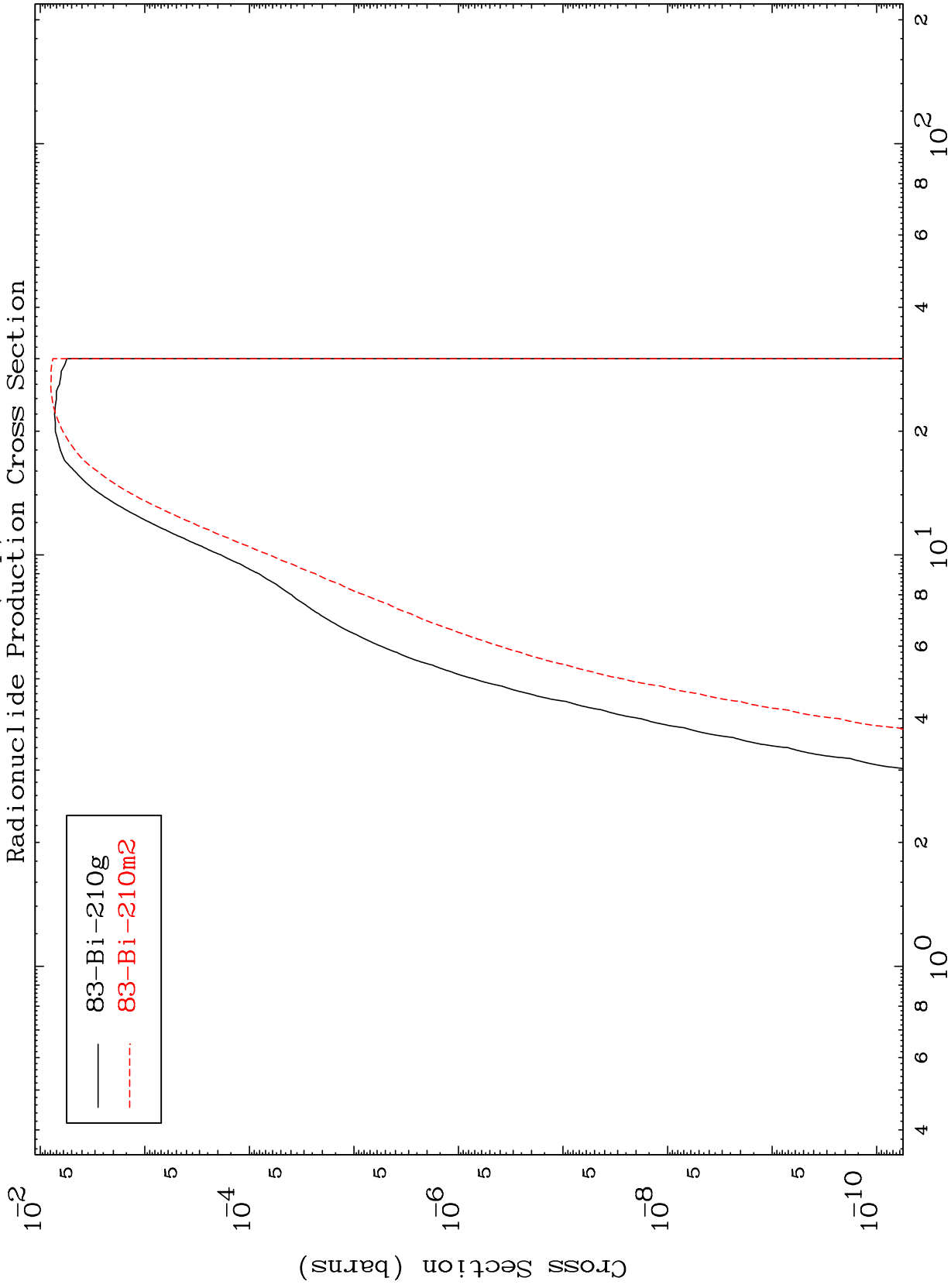
Radionuclide Production Cross Section



MAT 8437

84-Po-210

(n,p)  
Radionuclide Production Cross Section



133

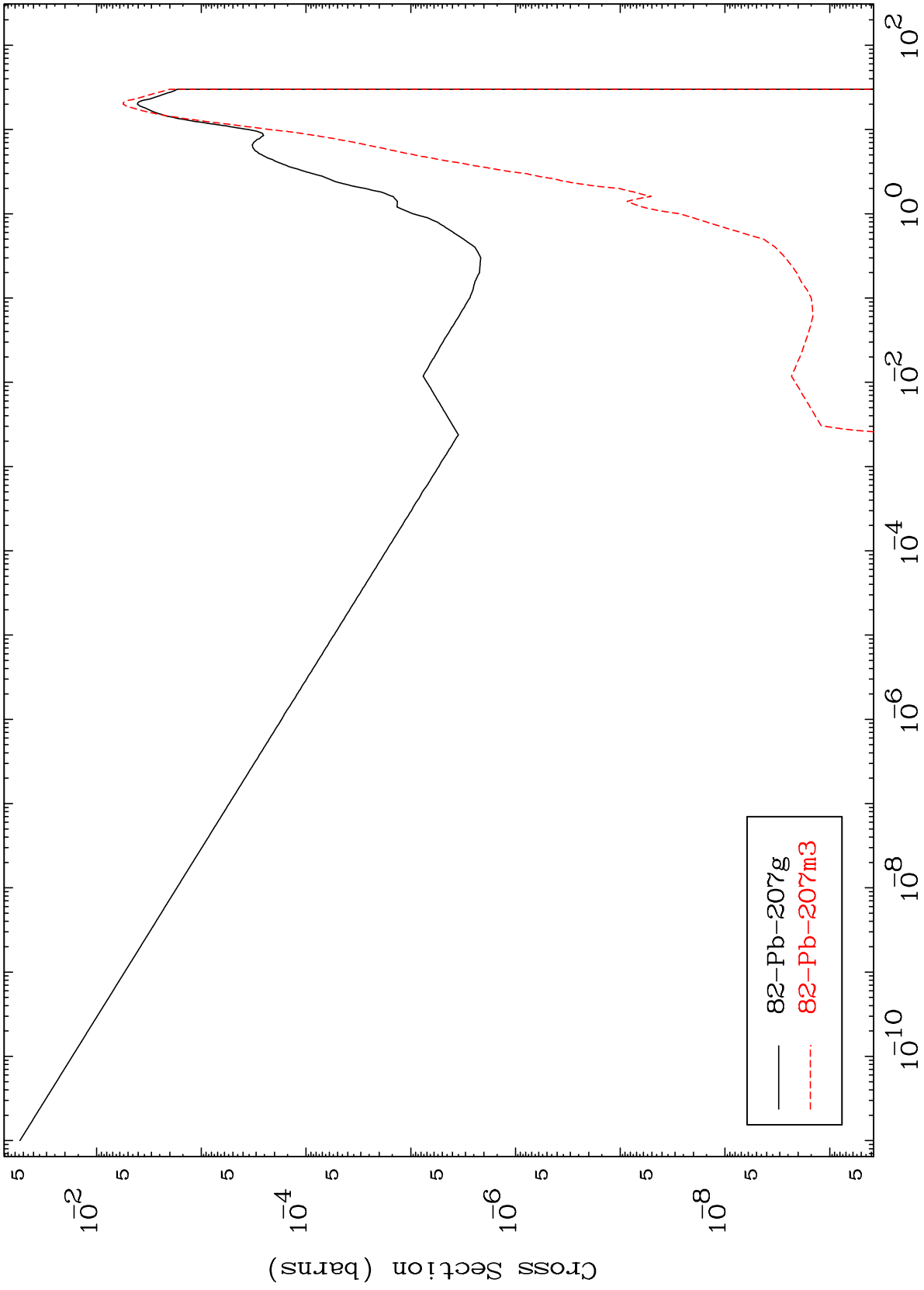
Incident Energy (MeV)

84-Po-210

MAT 8437

84-Po-210

(n,  $\alpha$ )  
Radionuclide Production Cross Section



134

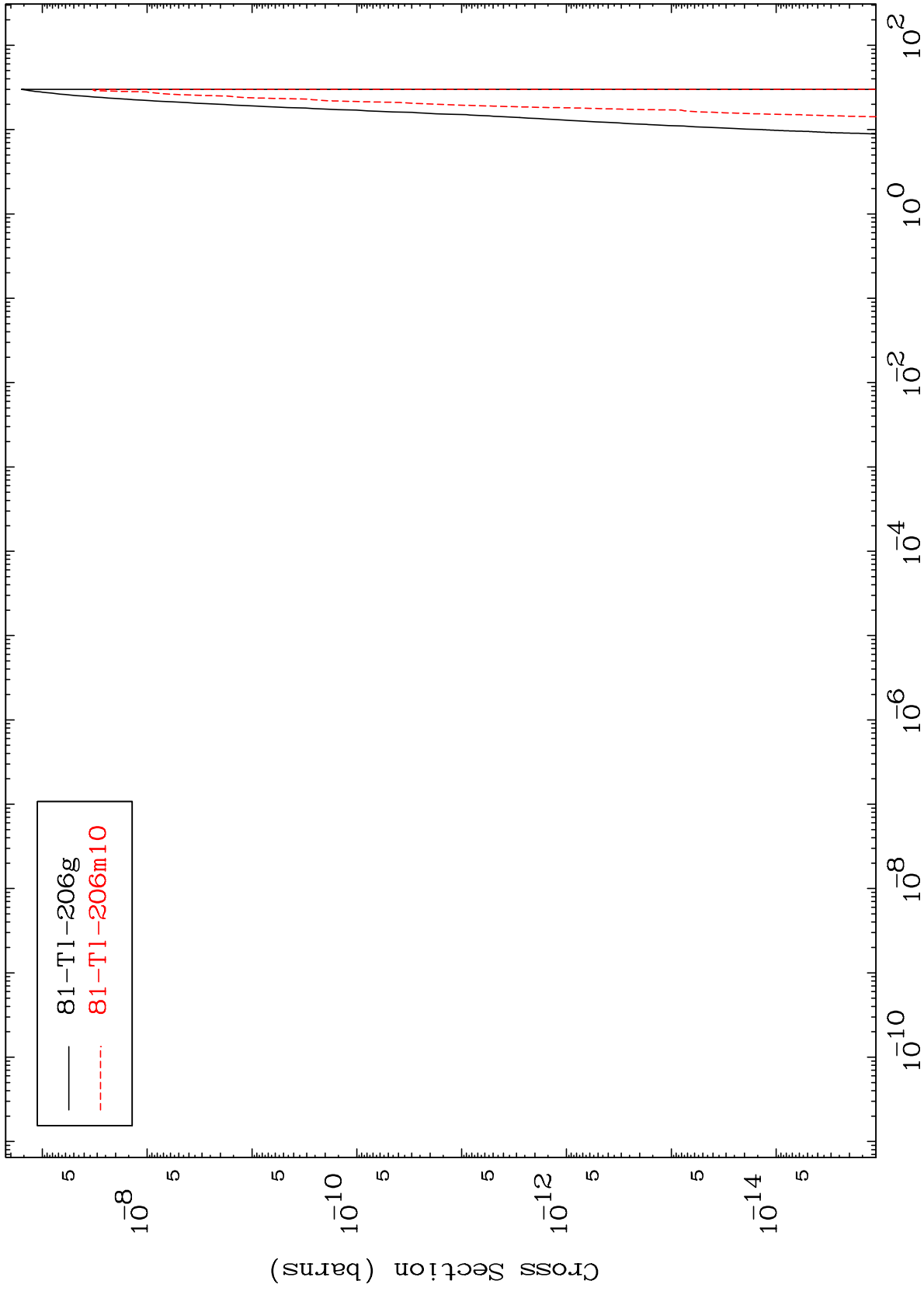
84-Po-210

MAT 8437

(n,p)  $\alpha$

84-Po-210

Radionuclide Production Cross Section



135

Incident Energy (MeV)

84-Po-210

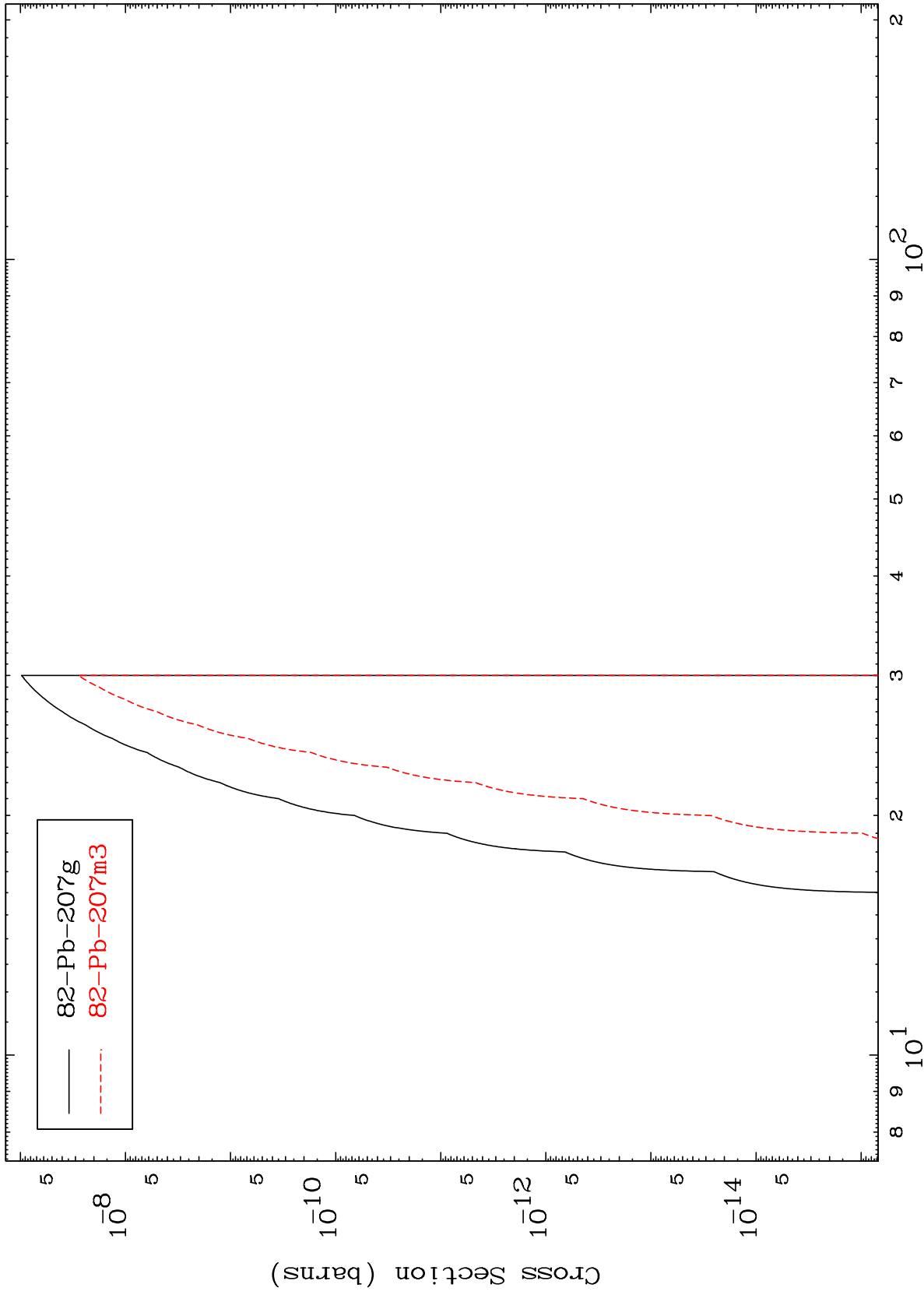


MAT 8437

(n,p) t

84-Po-210

Radionuclide Production Cross Section



136

Incident Energy (MeV)

84-Po-210