

Program EVALPLOT
(Version 2018-1)

by

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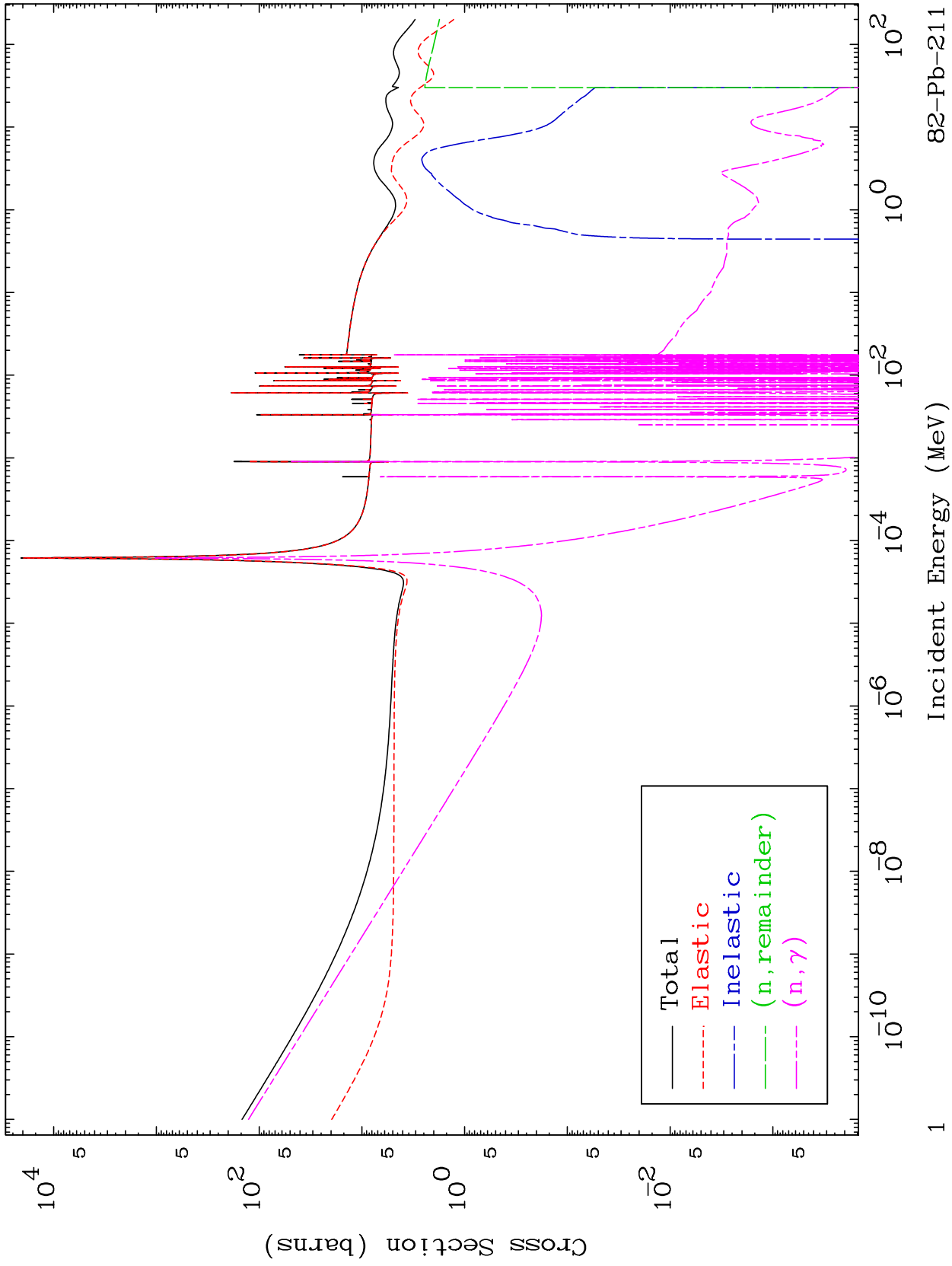
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8246

Major
293 Kelvin Cross Sections

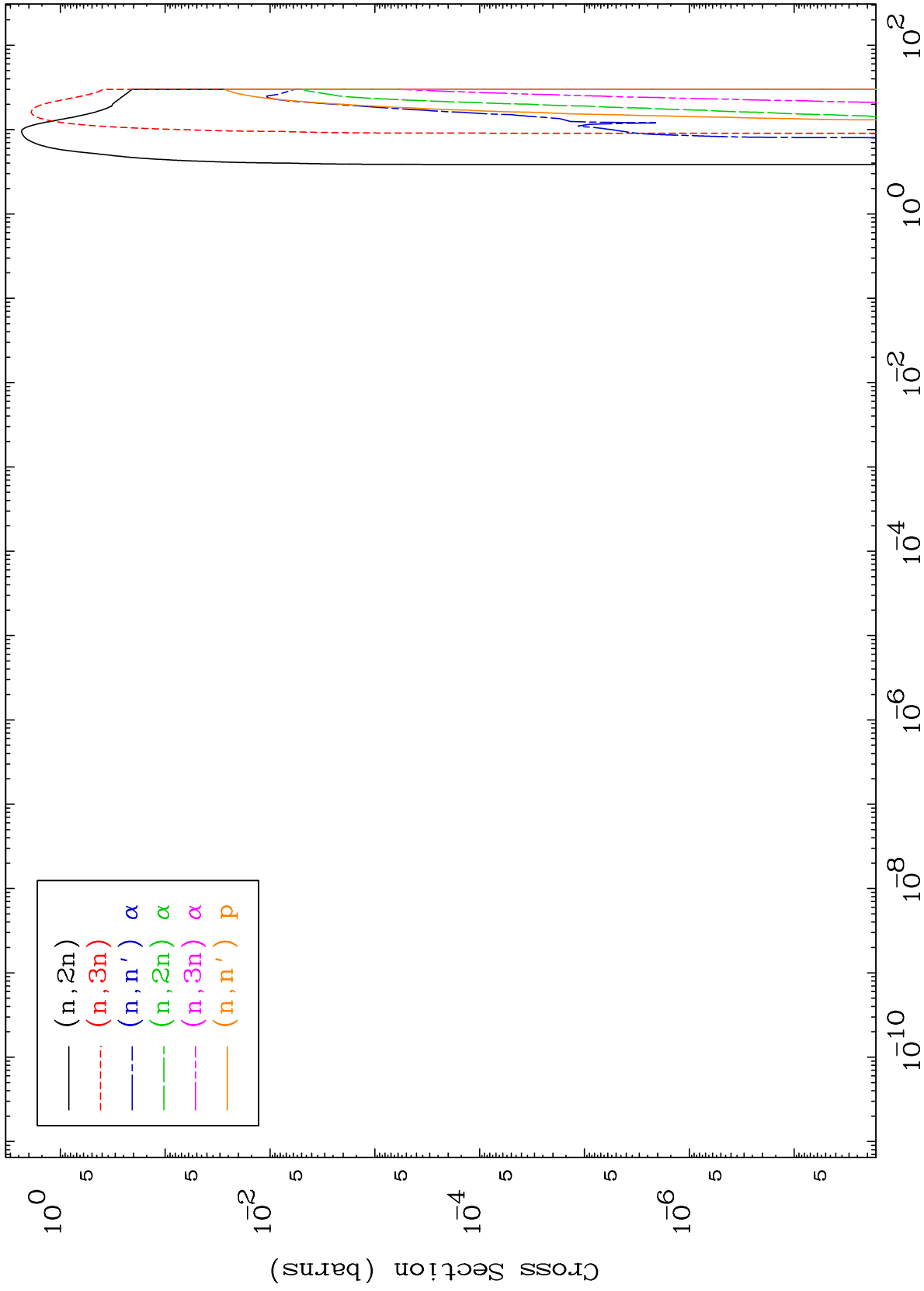
82-Pb-211



MAT 8246

Neutron Production
293 Kelvin Cross Sections

82-Pb-211



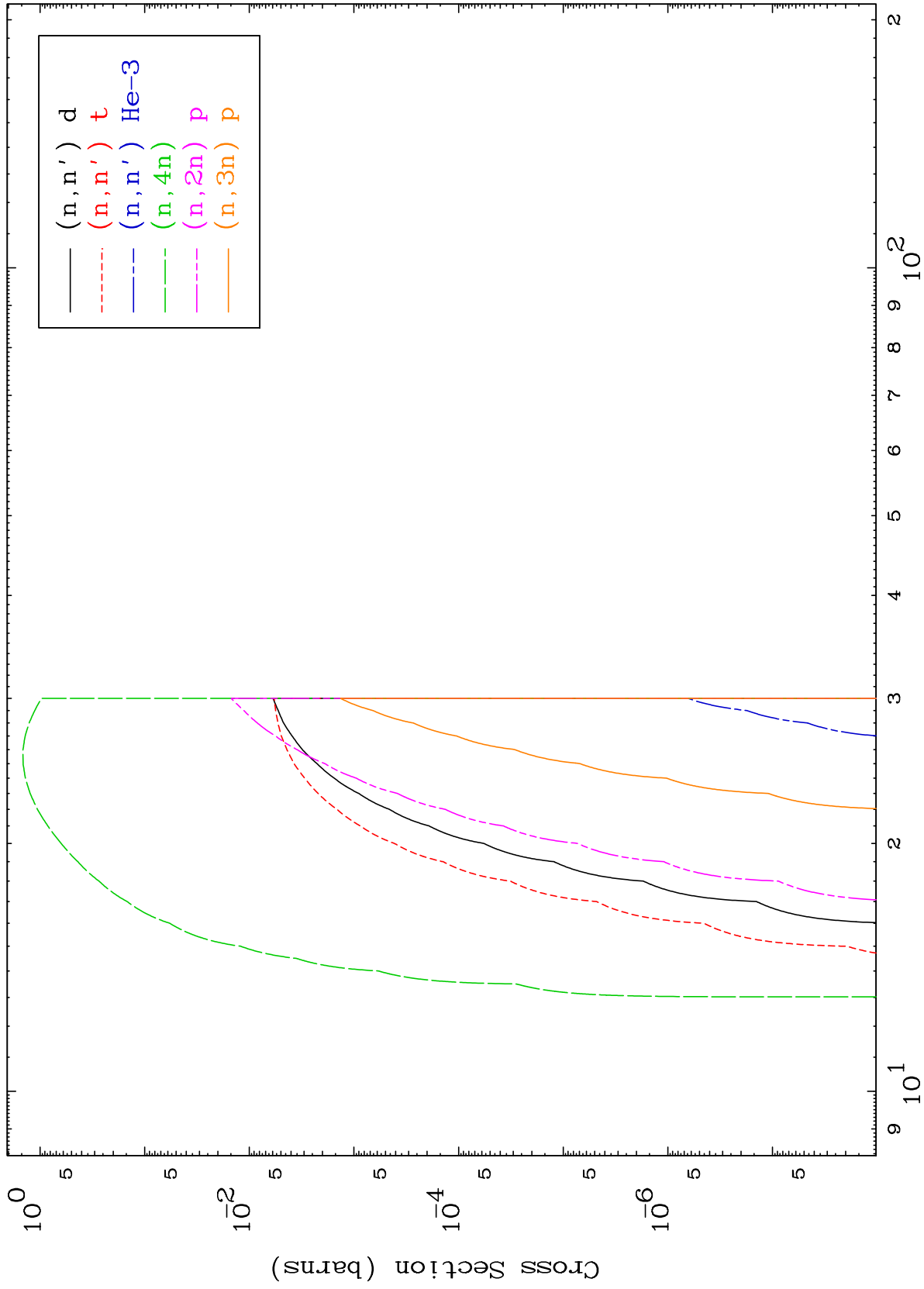
2

82-Pb-211

MAT 8246

Neutron Production
293 Kelvin Cross Sections

82-Pb-211



3

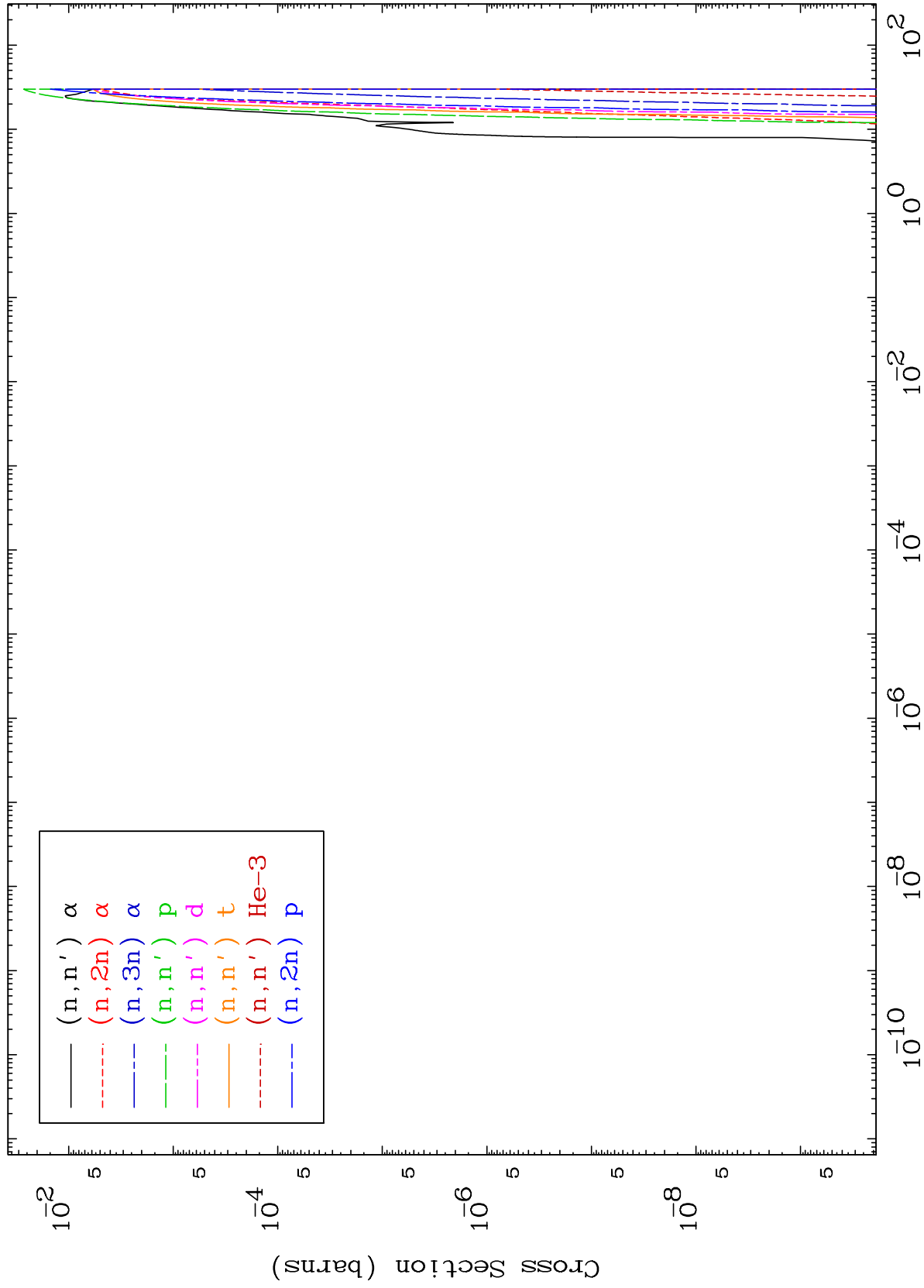
Incident Energy (MeV)

82-Pb-211

MAT 8246

Charged Particle
293 Kelvin Cross Sections

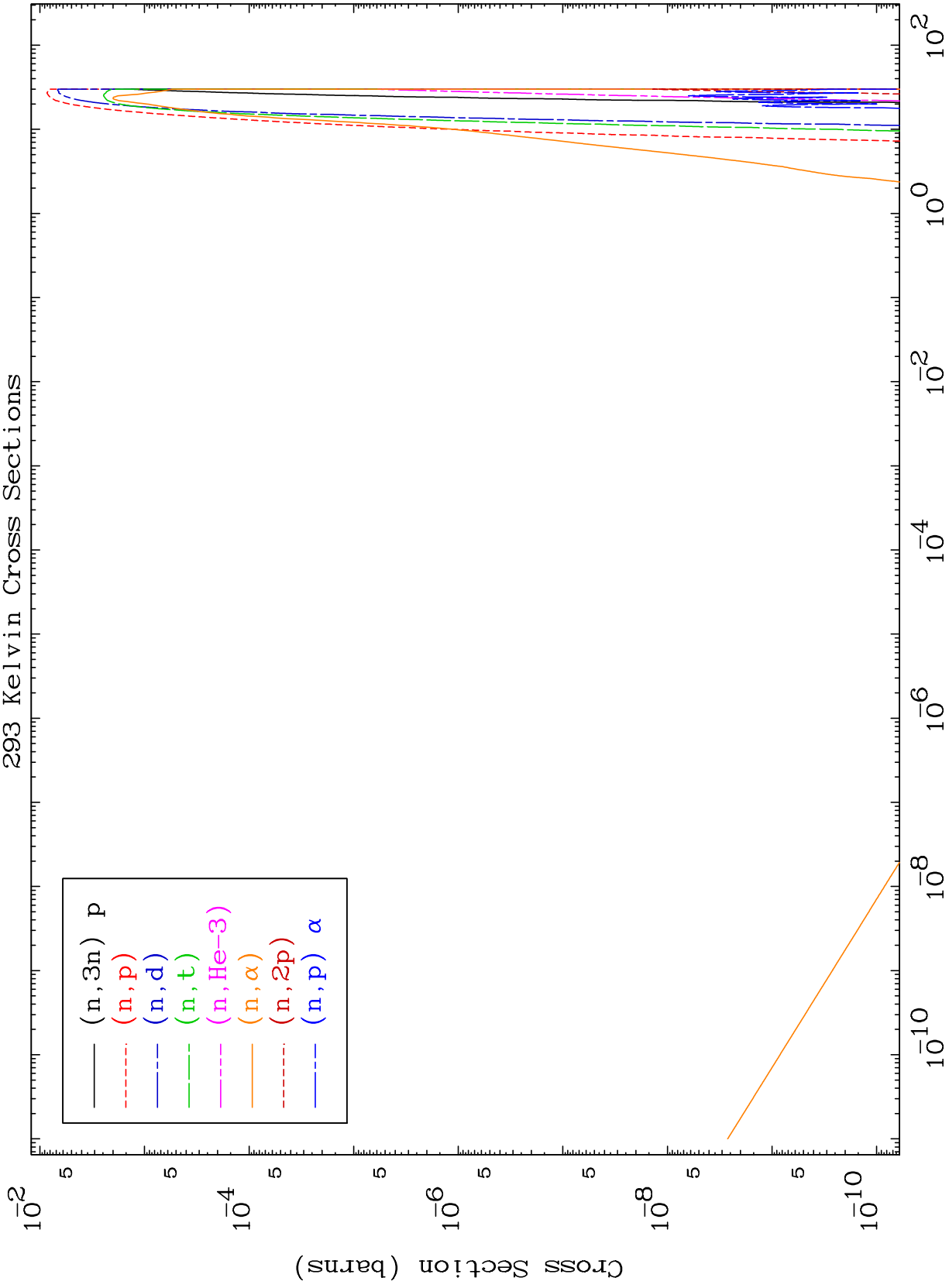
82-Pb-211



MAT 8246

Charged Particle
293 Kelvin Cross Sections

82-Pb-211



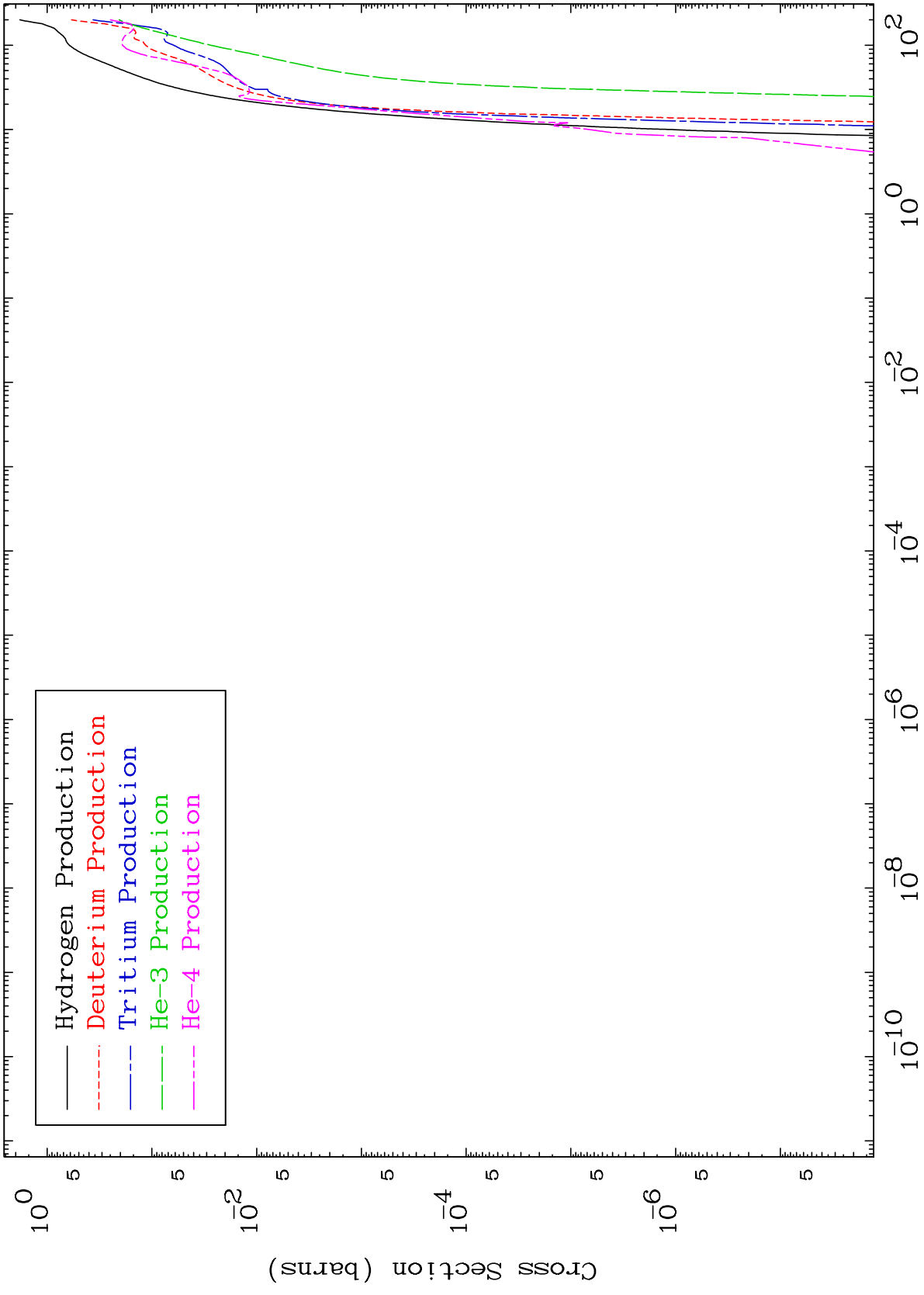
5

82-Pb-211

MAT 8246

Particle Production
293 Kelvin Cross Sections

82-Pb-211

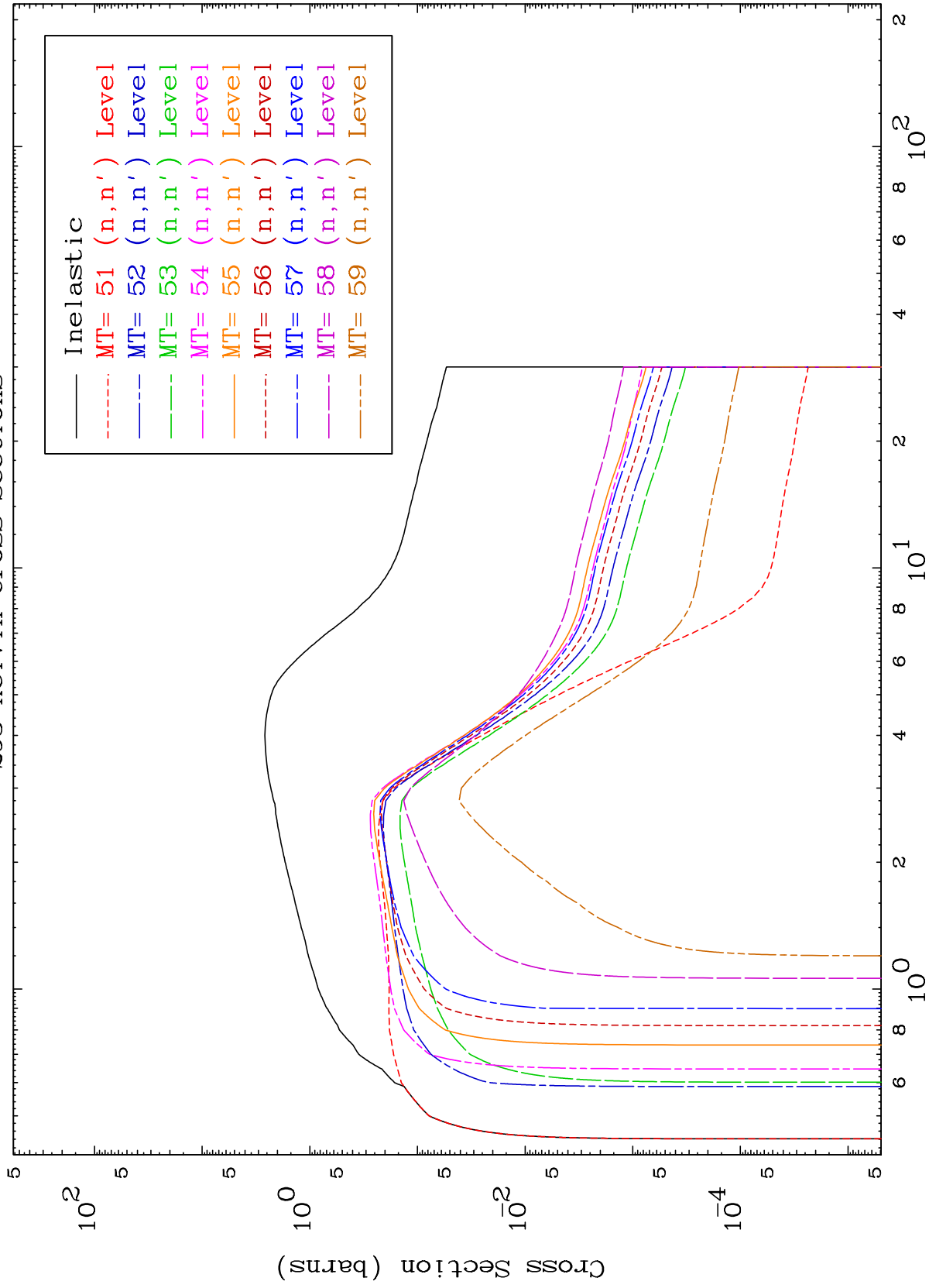


MAT 8246

(n,n') Level

82-Pb-211

293 Kelvin Cross Sections



7

Incident Energy (MeV)

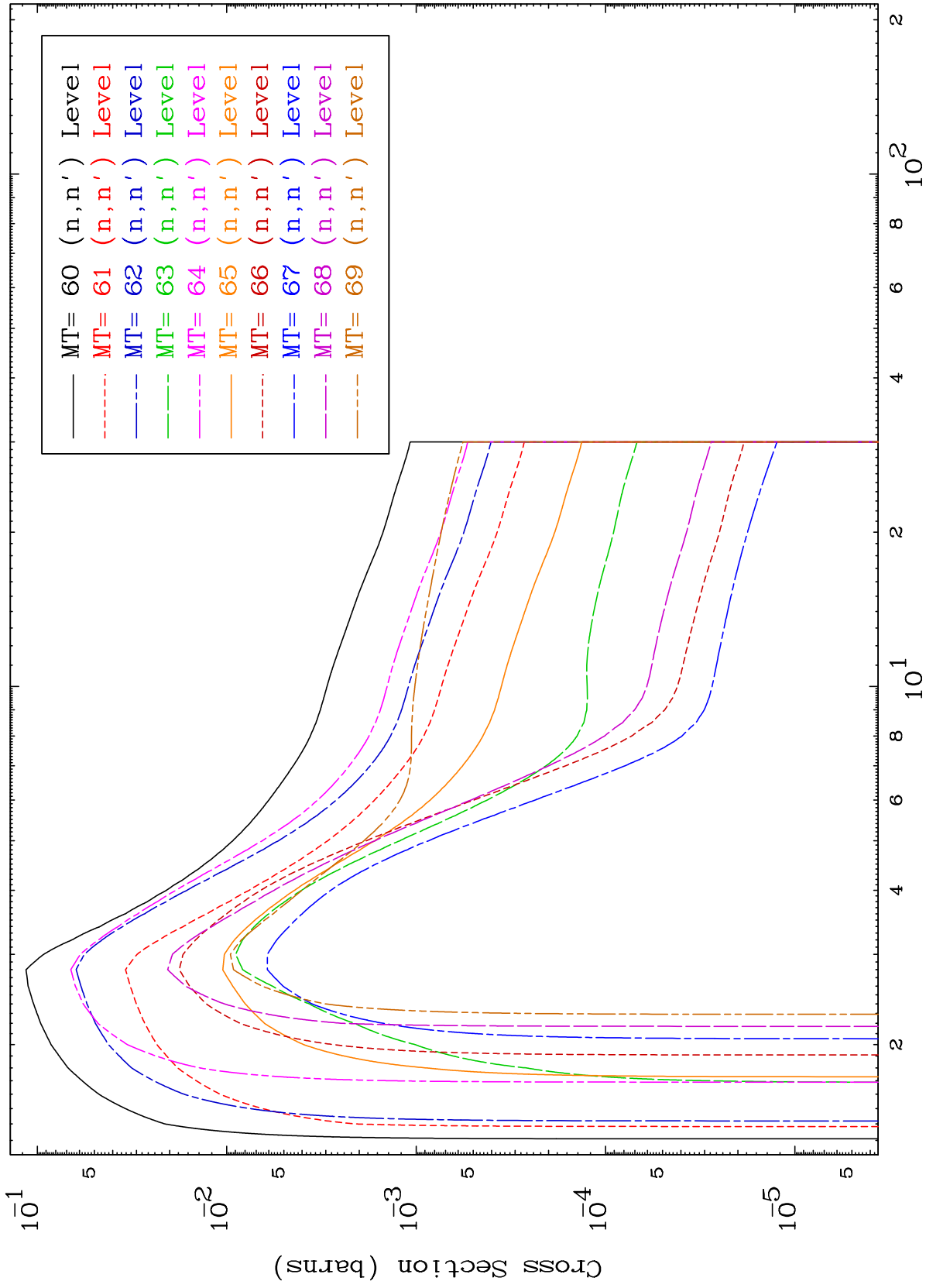
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MAT 8246

(n,n') Level

82-Pb-211

293 Kelvin Cross Sections



8

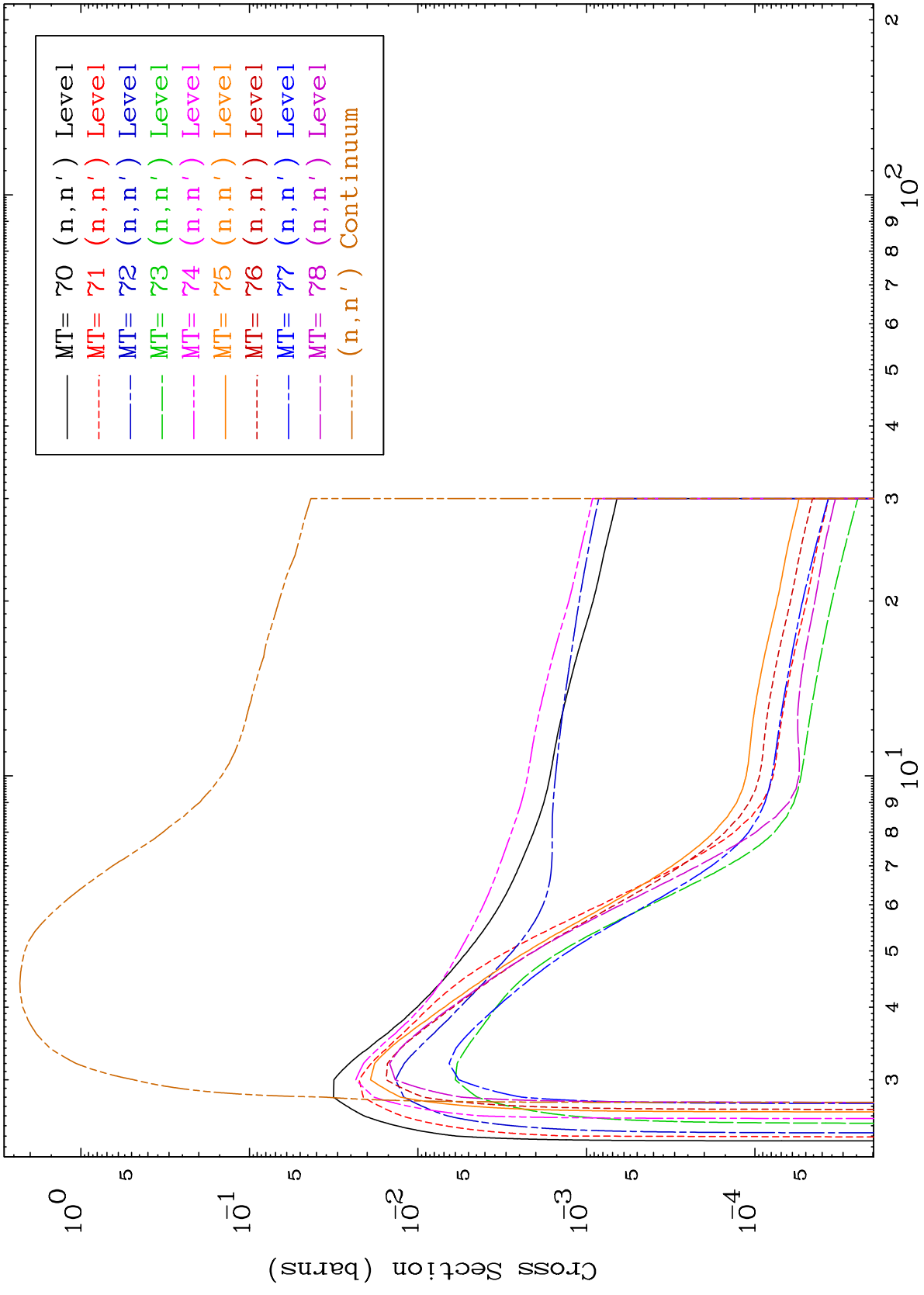
Incident Energy (MeV)

82-Pb-211

MAT 8246

(n,n') Level
293 Kelvin Cross Sections

82-Pb-211



9

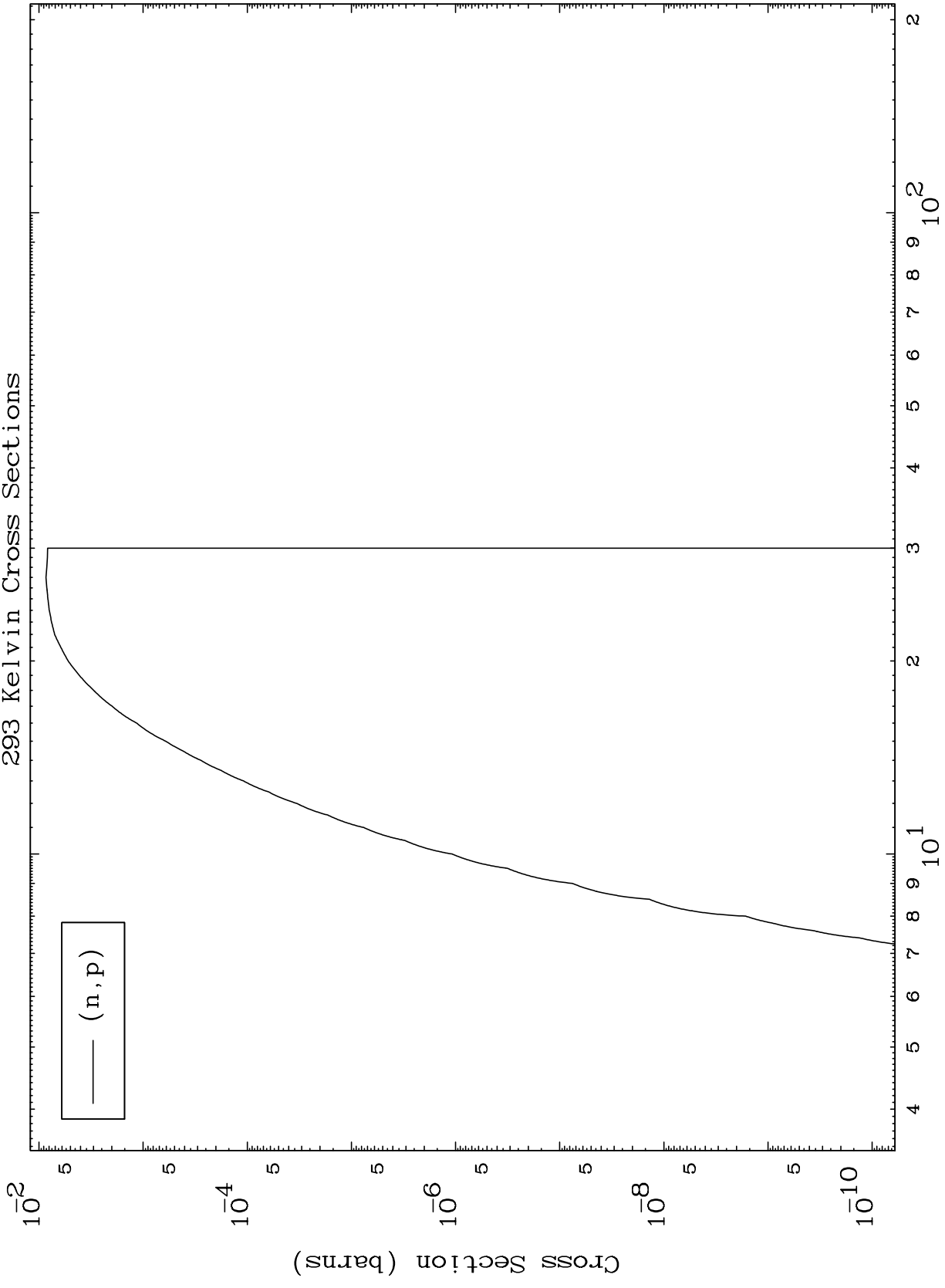
Incident Energy (MeV)

82-Pb-211

MAT 8246

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-211



10

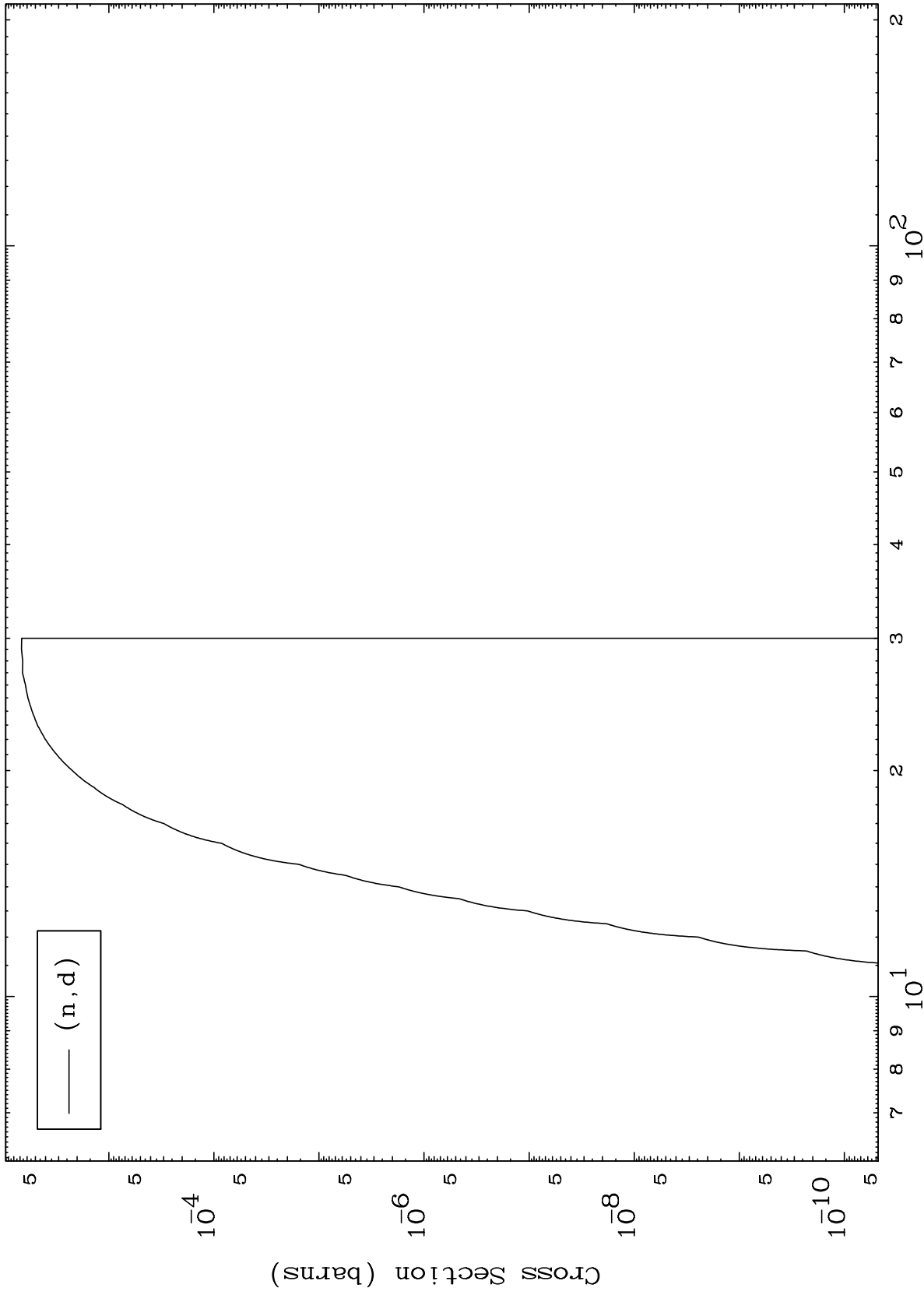
Incident Energy (MeV)

82-Pb-211

MAT 8246

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-211



11

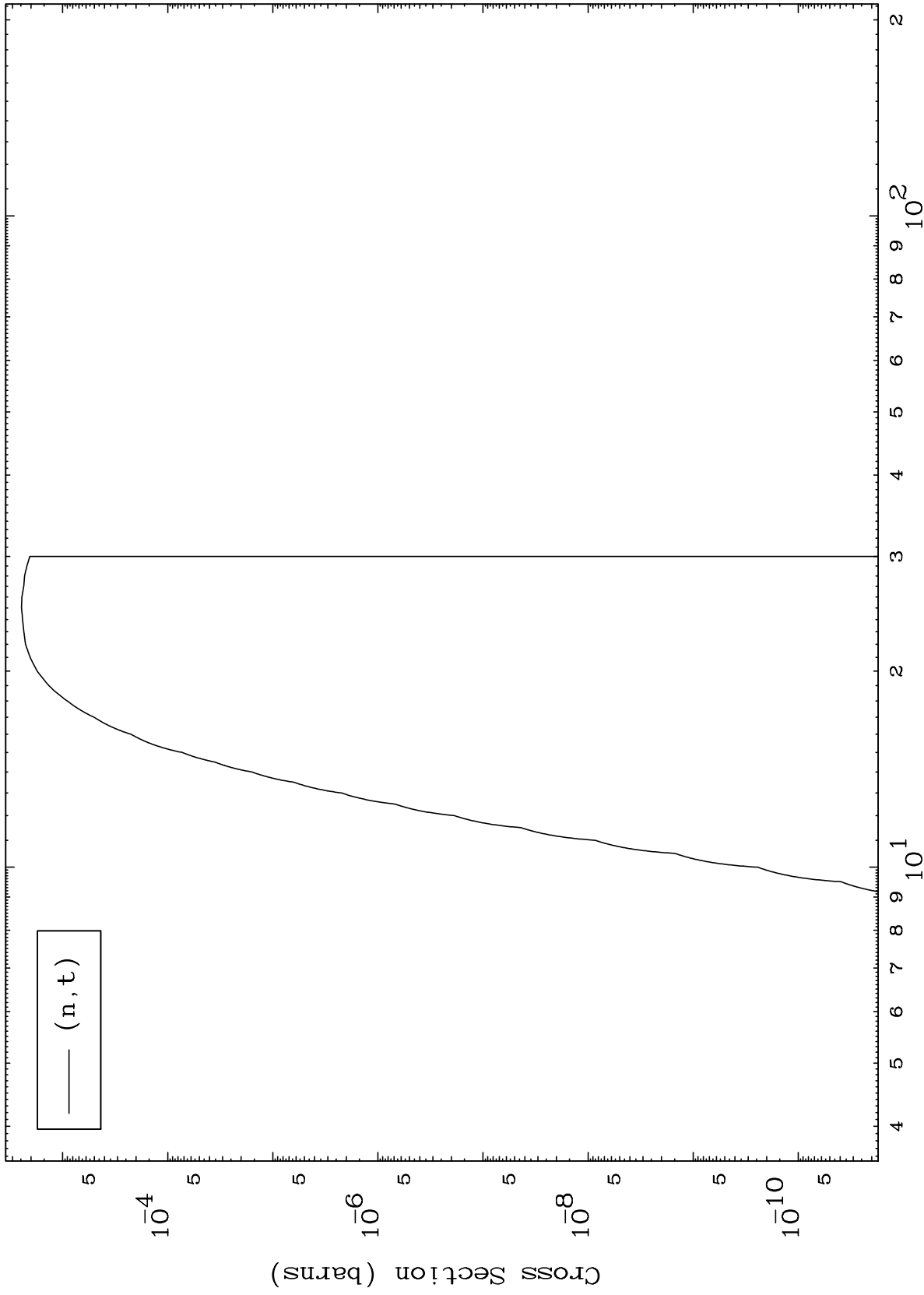
Incident Energy (MeV)

82-Pb-211

MAT 8246

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-211



12

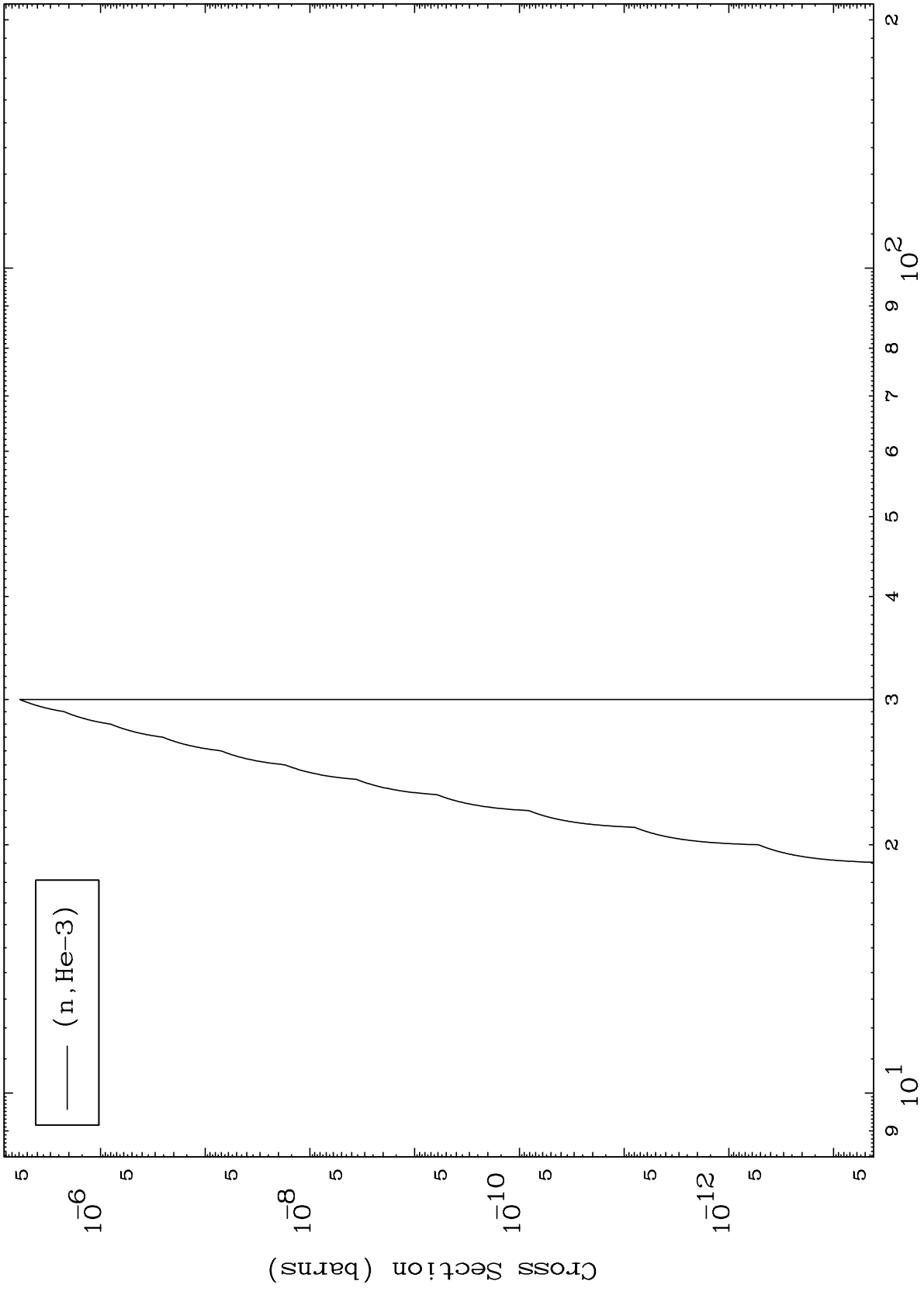
Incident Energy (MeV)

82-Pb-211

MAT 8246

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-211



13

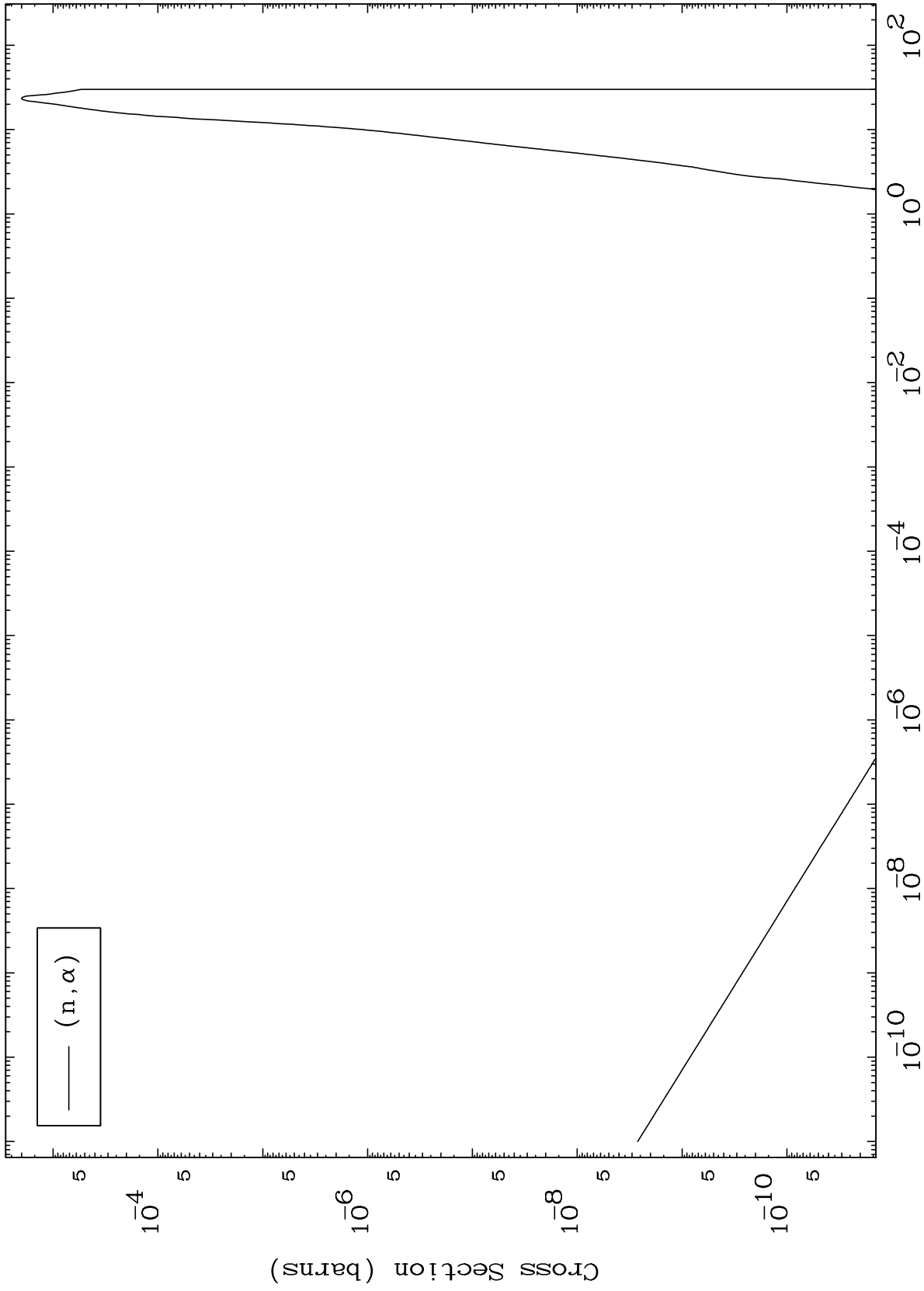
Incident Energy (MeV)

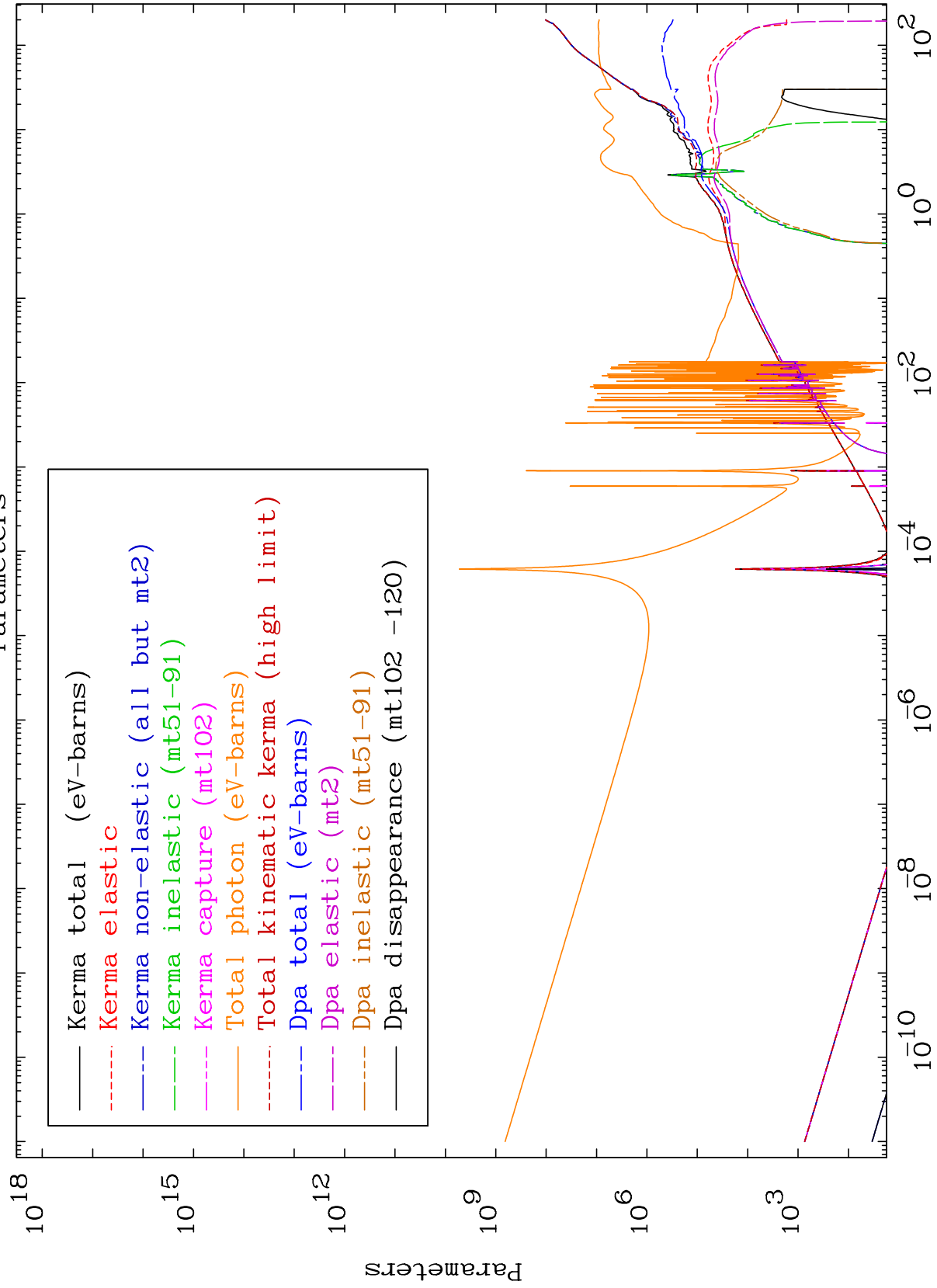
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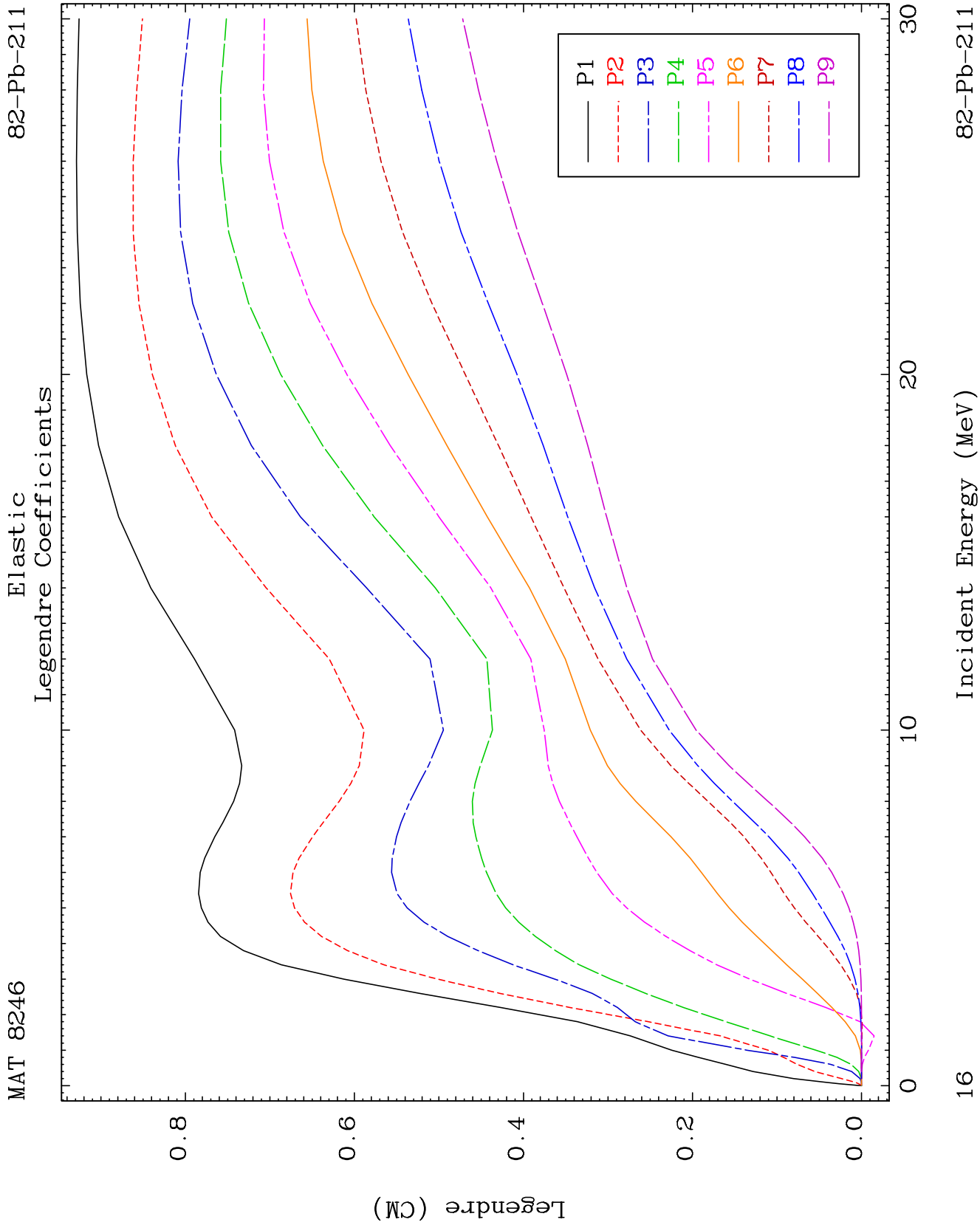
MAT 8246

(n,α) Levels
293 Kelvin Cross Sections

82-Pb-211



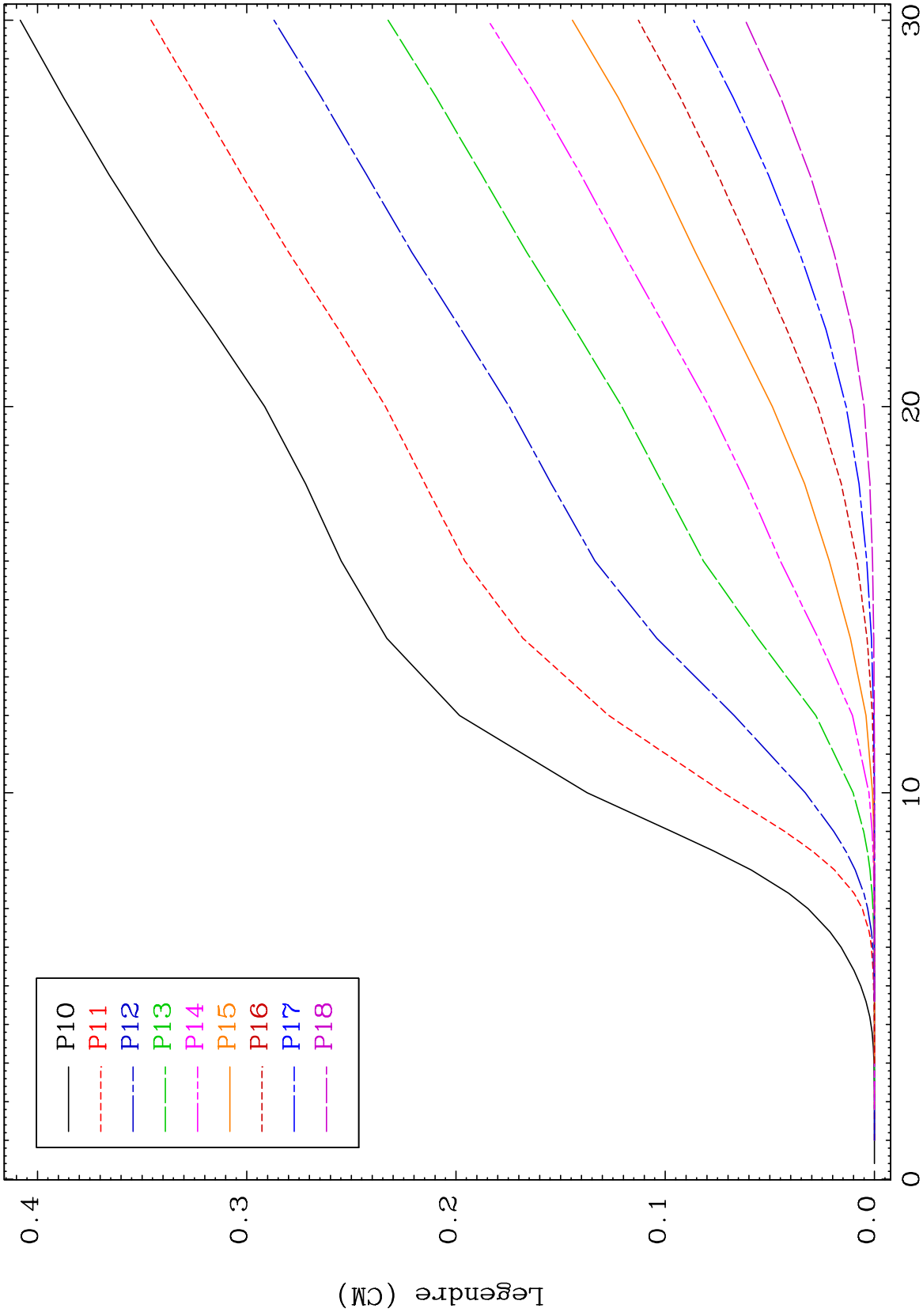




MAT 8246

Elastic Legendre Coefficients

82-Pb-211



17

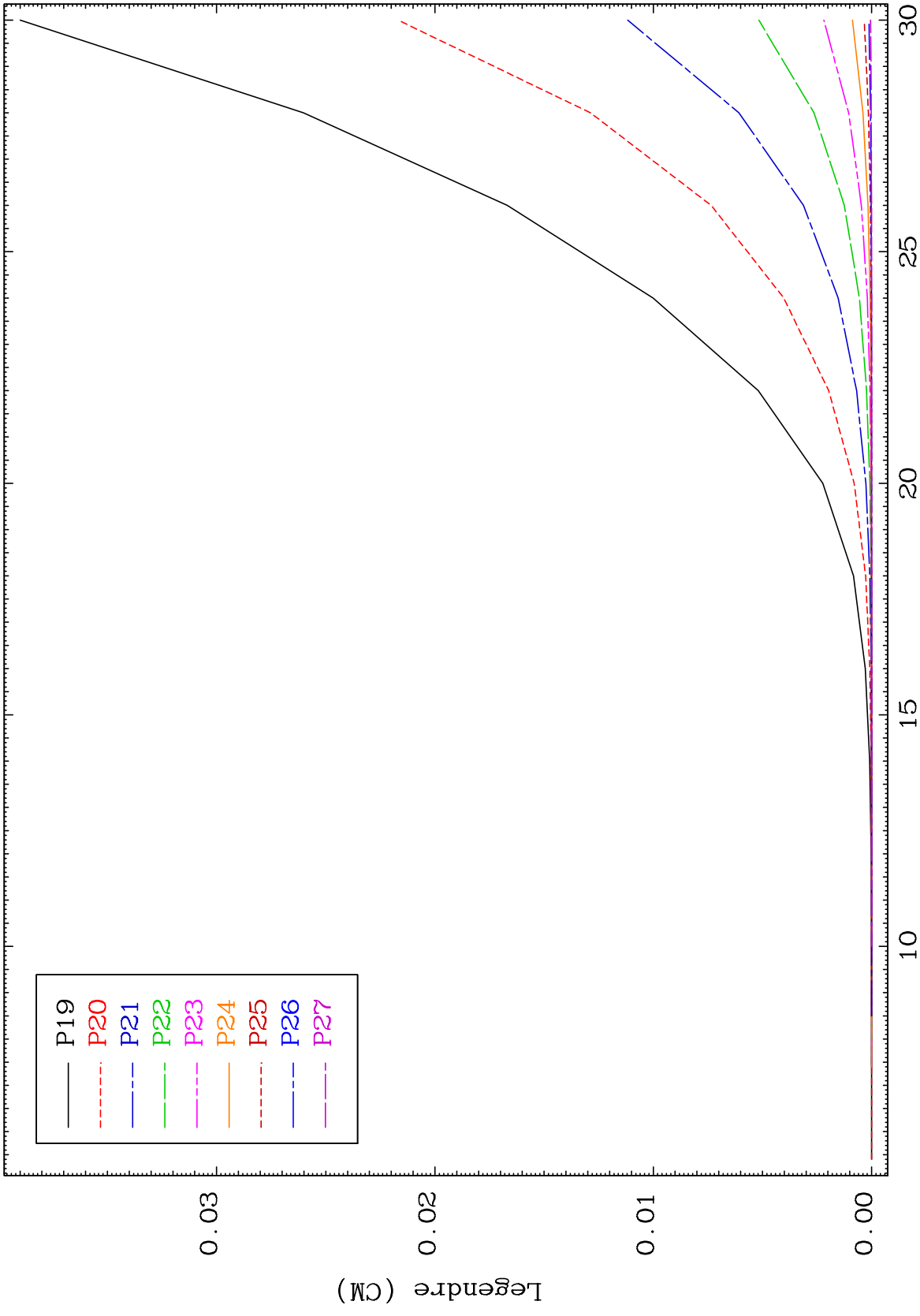
Incident Energy (MeV)

82-Pb-211

MAT 8246

Elastic Legendre Coefficients

82-Pb-211



18

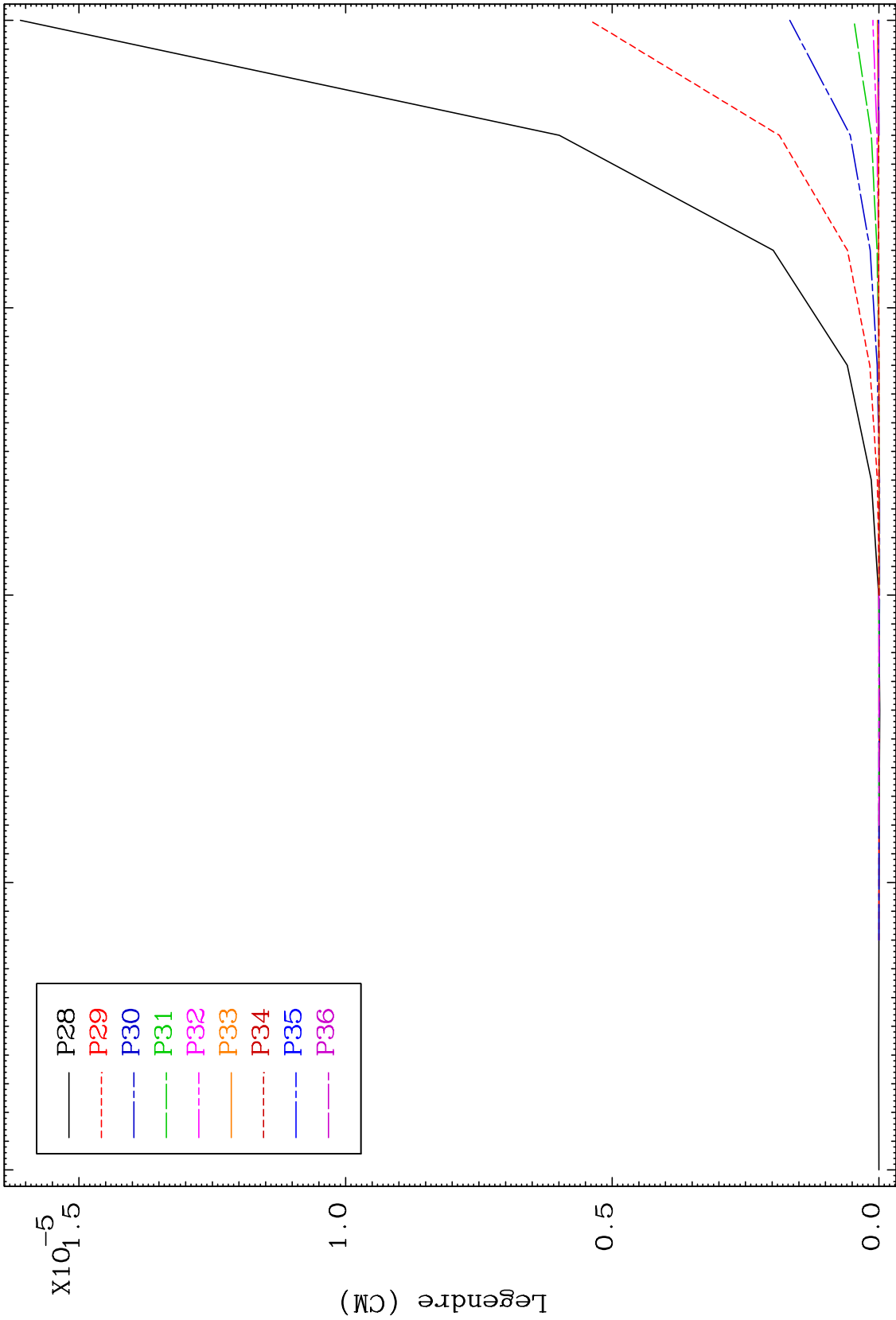
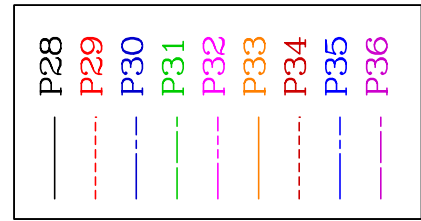
Incident Energy (MeV)

82-Pb-211

MAT 8246

Elastic Legendre Coefficients

82-Pb-211



19

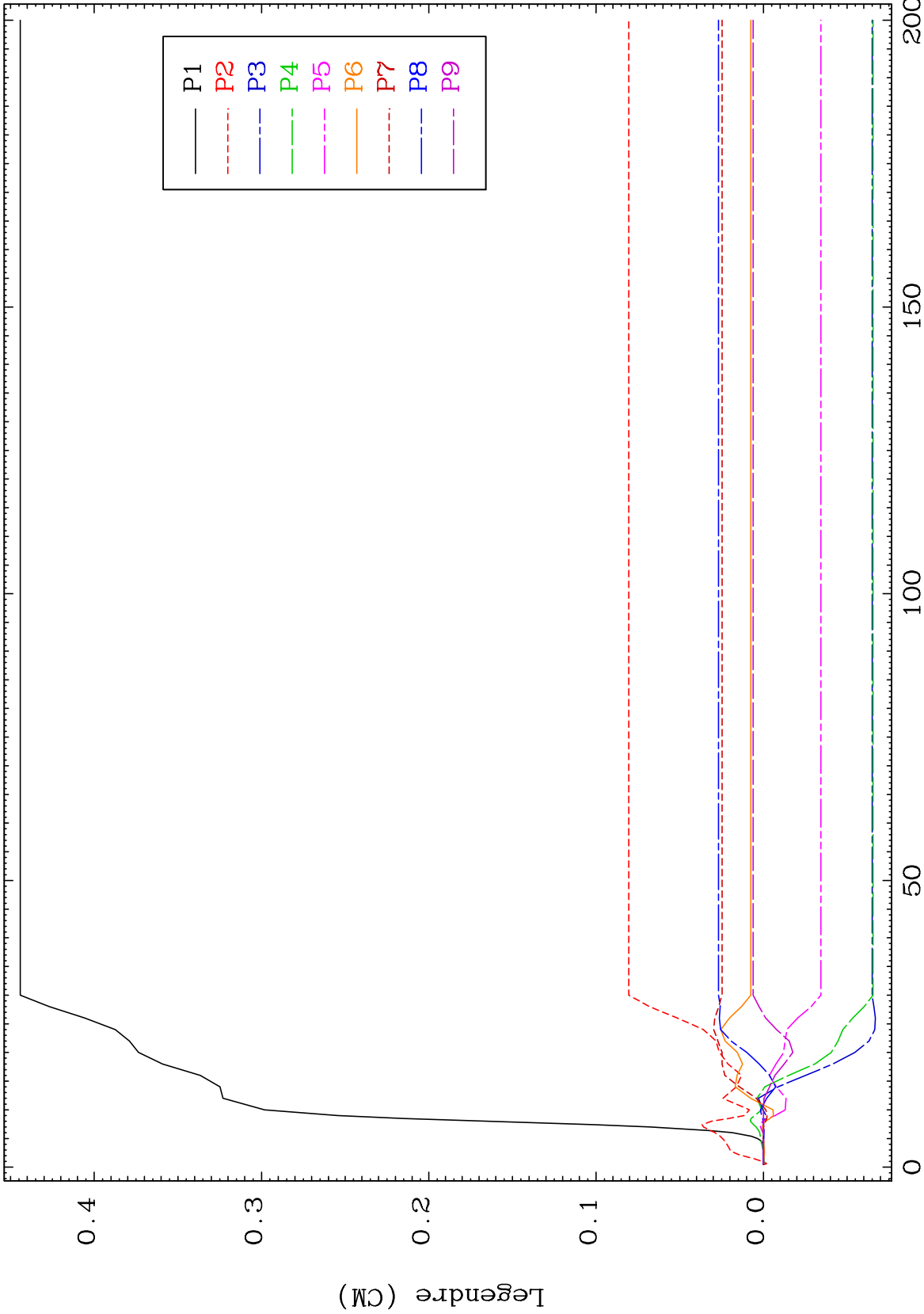
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



82-Pb-211

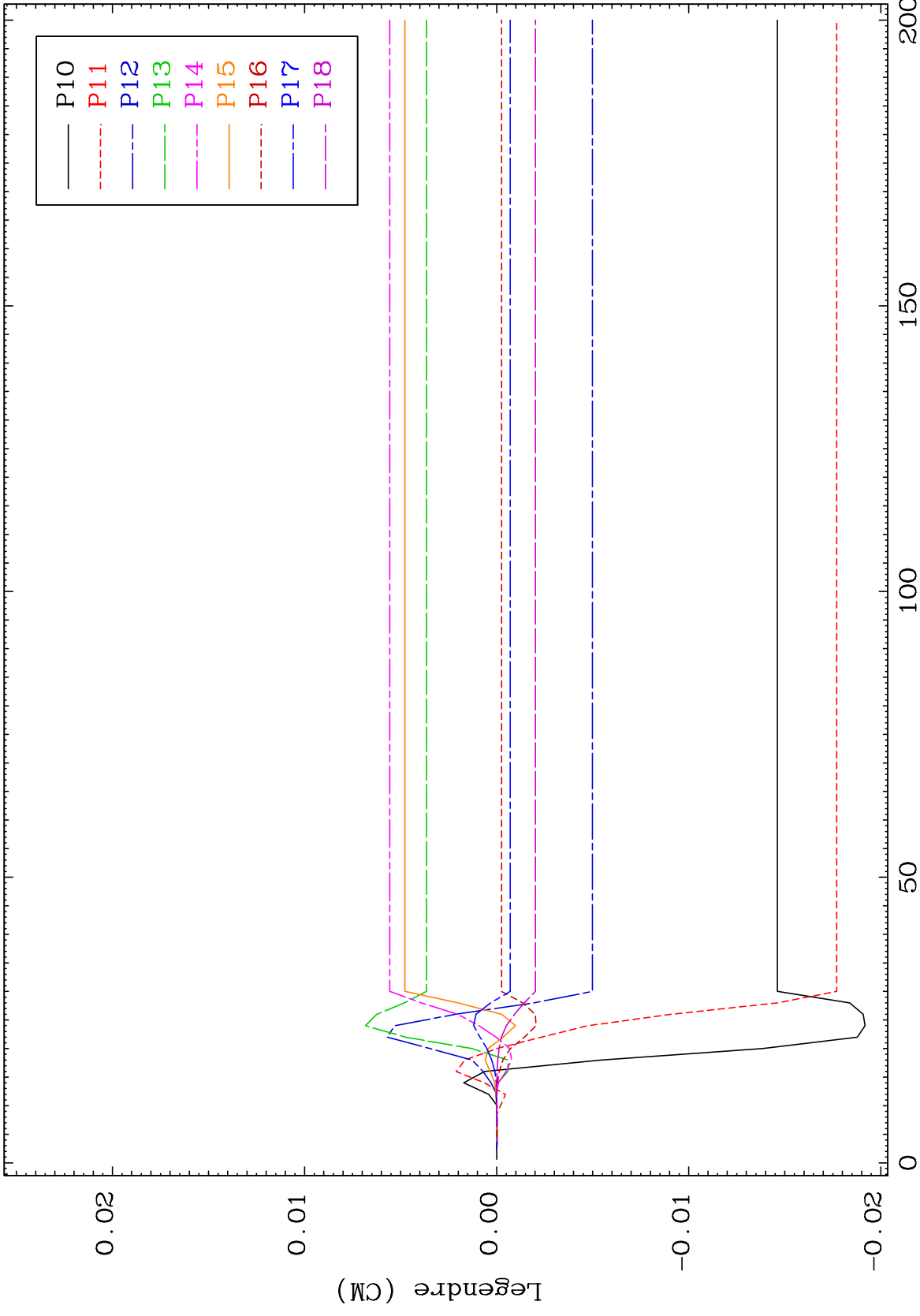
Incident Energy (MeV)

Legendre (CM)

MAT 8246

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

82-Pb-211



21

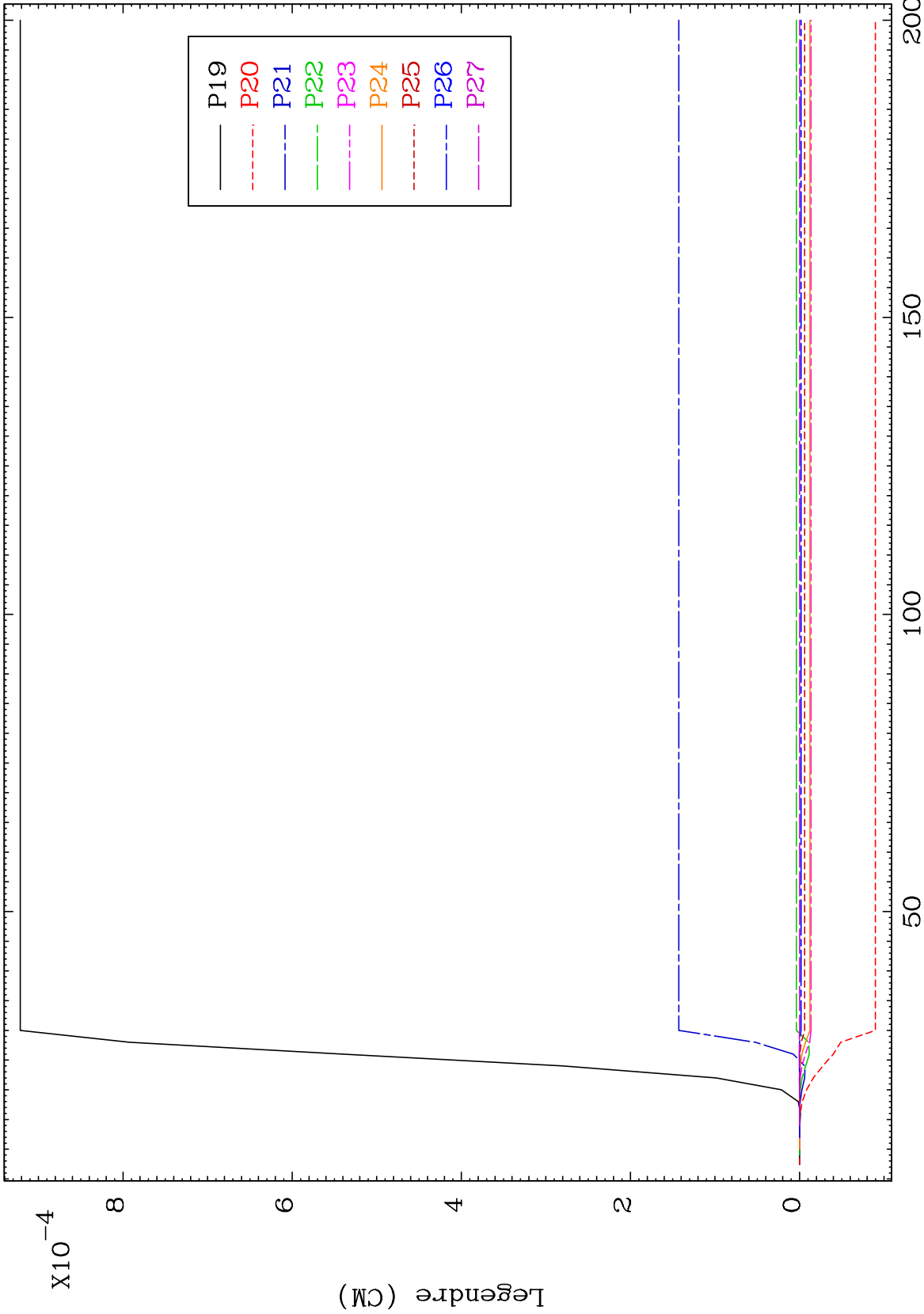
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



22

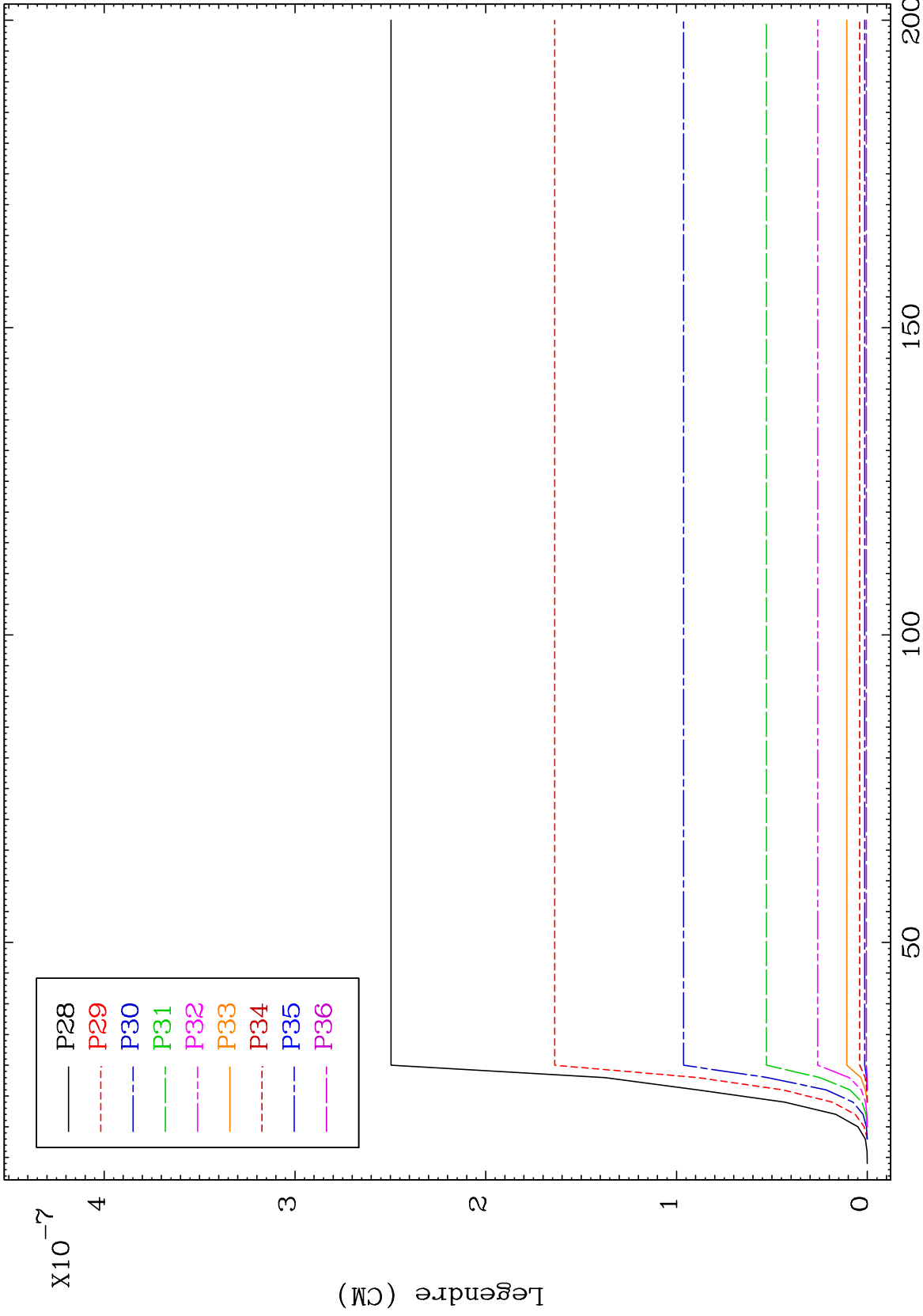
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



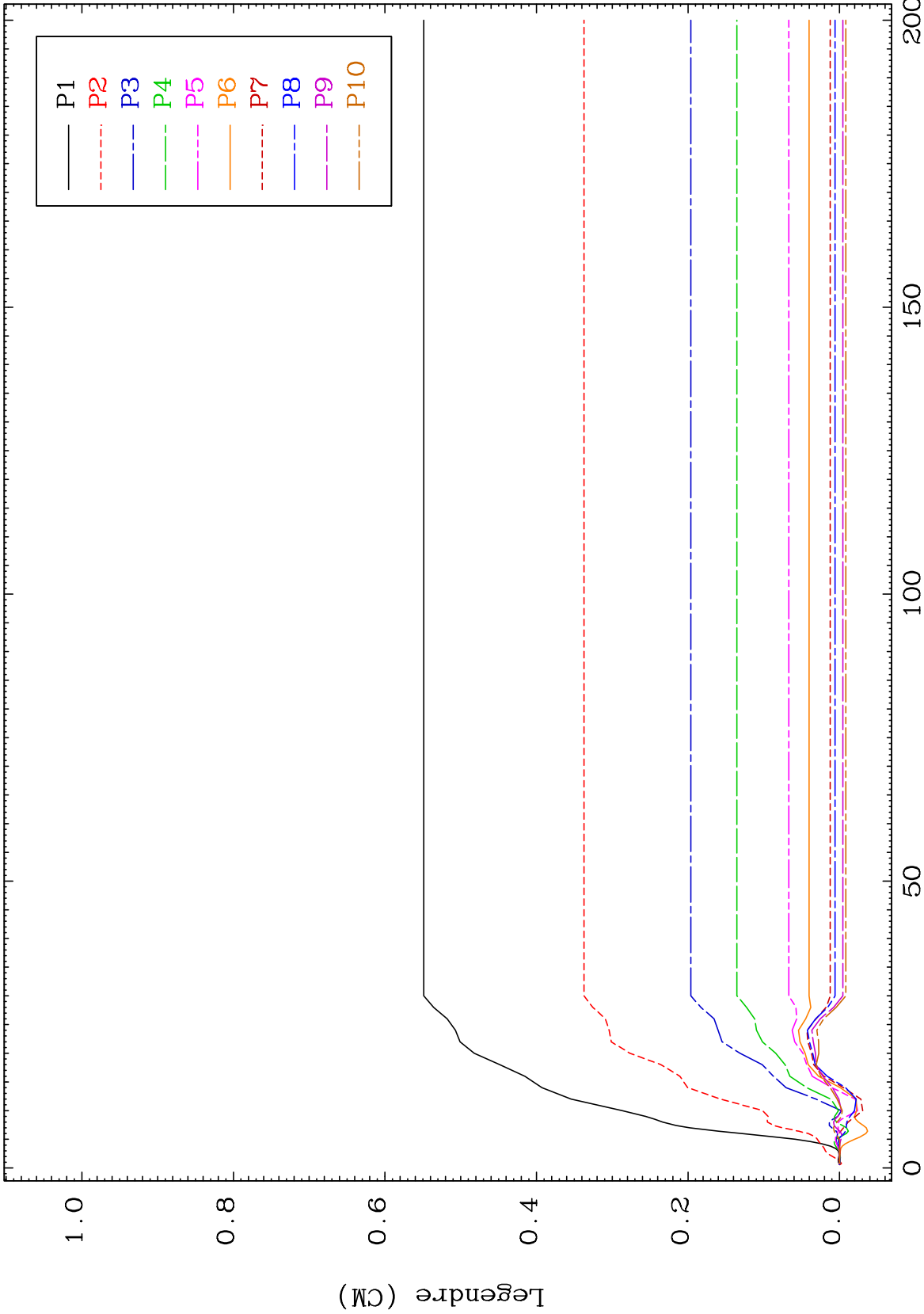
23

82-Pb-211

MAT 8246

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

82-Pb-211



24

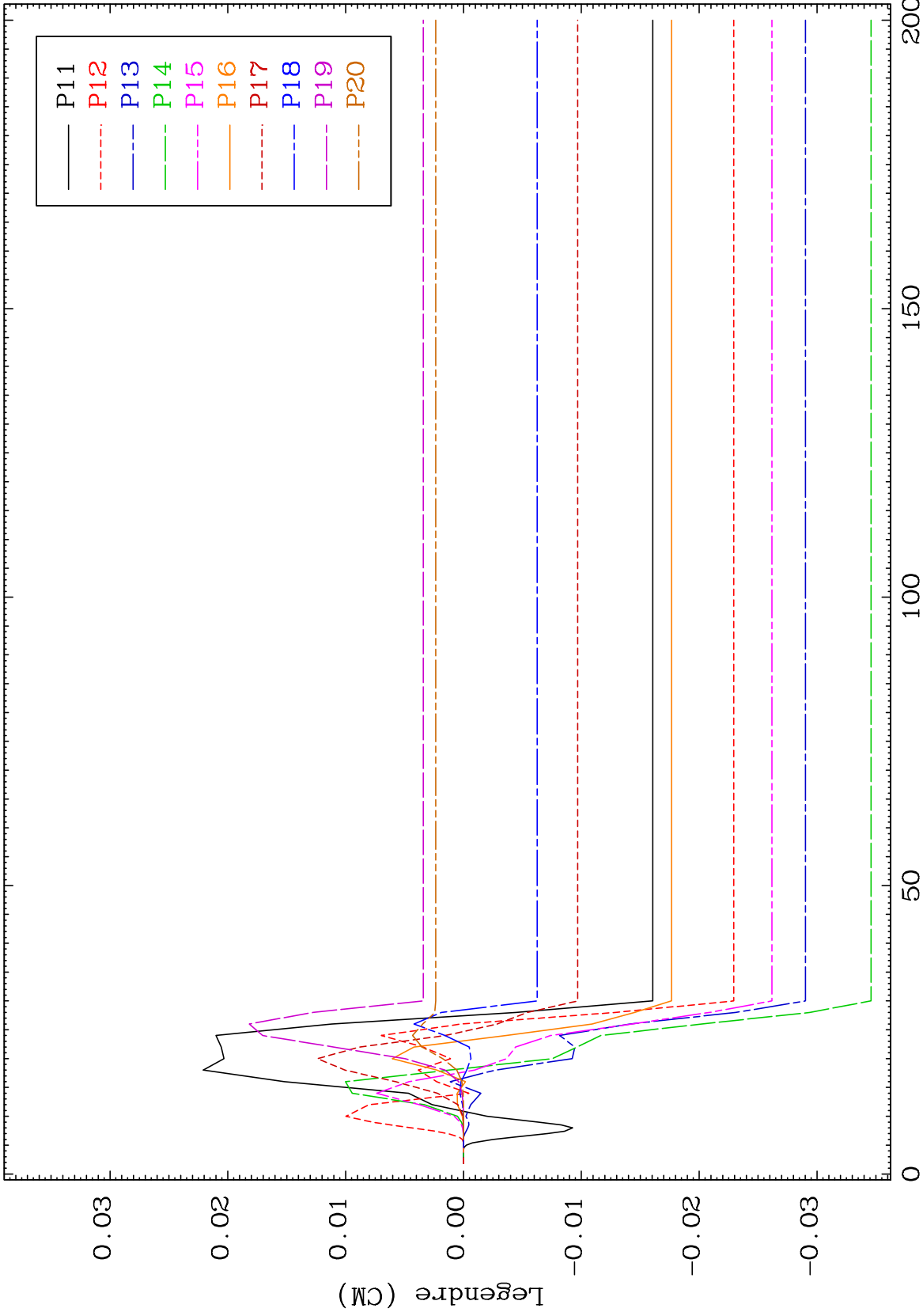
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

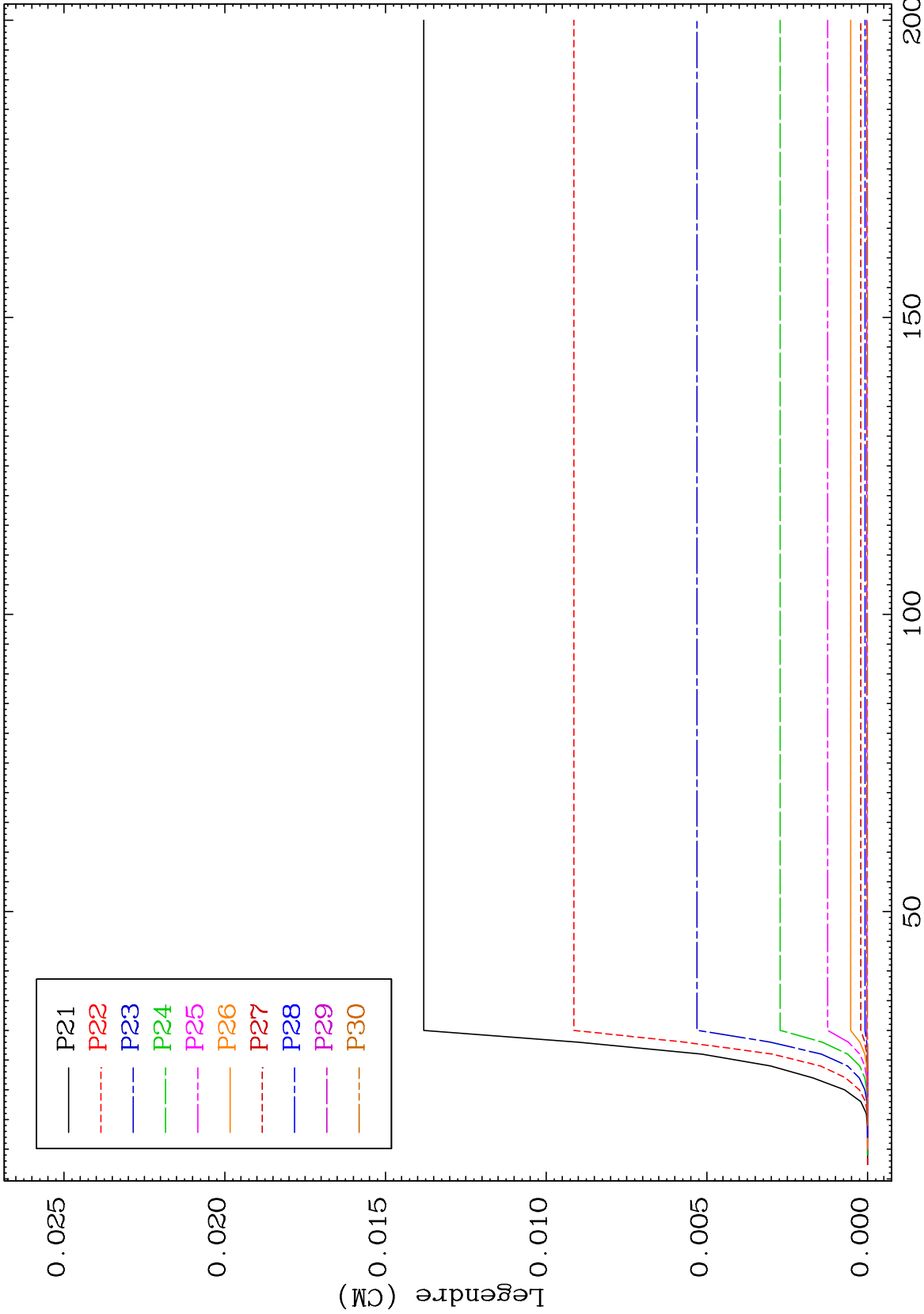
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25

Incident Energy (MeV)

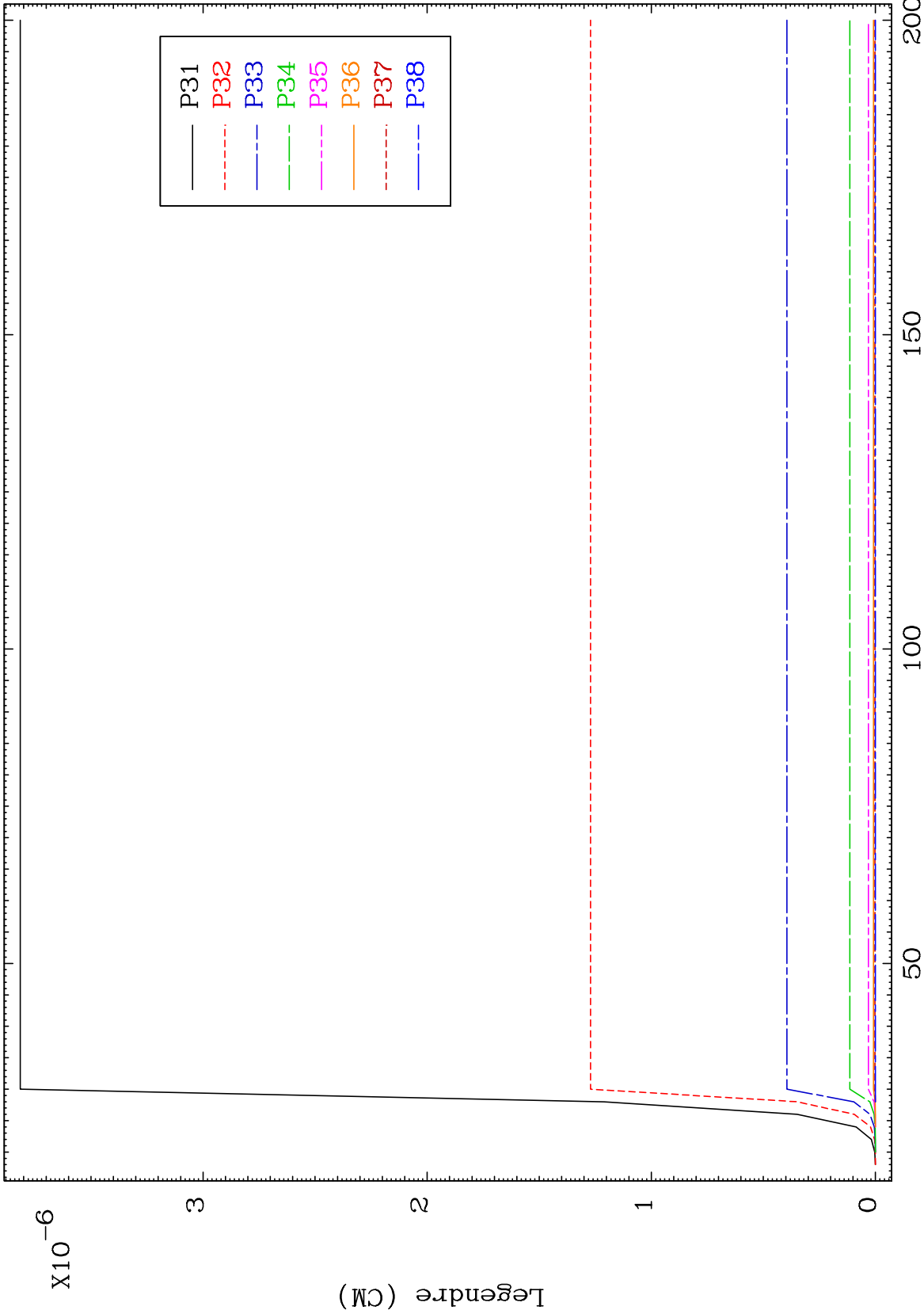
82-Pb-211



MAT 8246

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

82-Pb-211



27

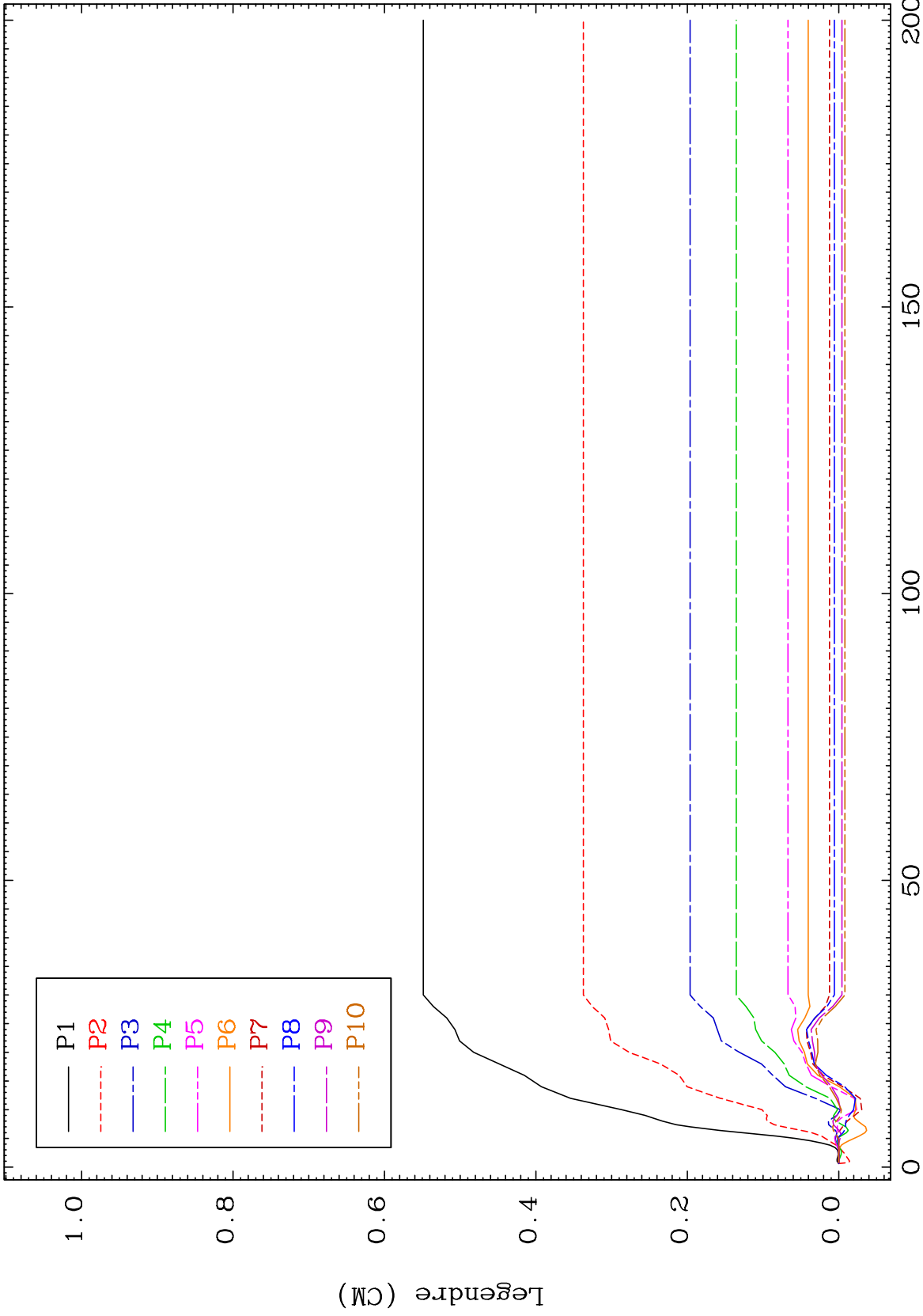
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



28

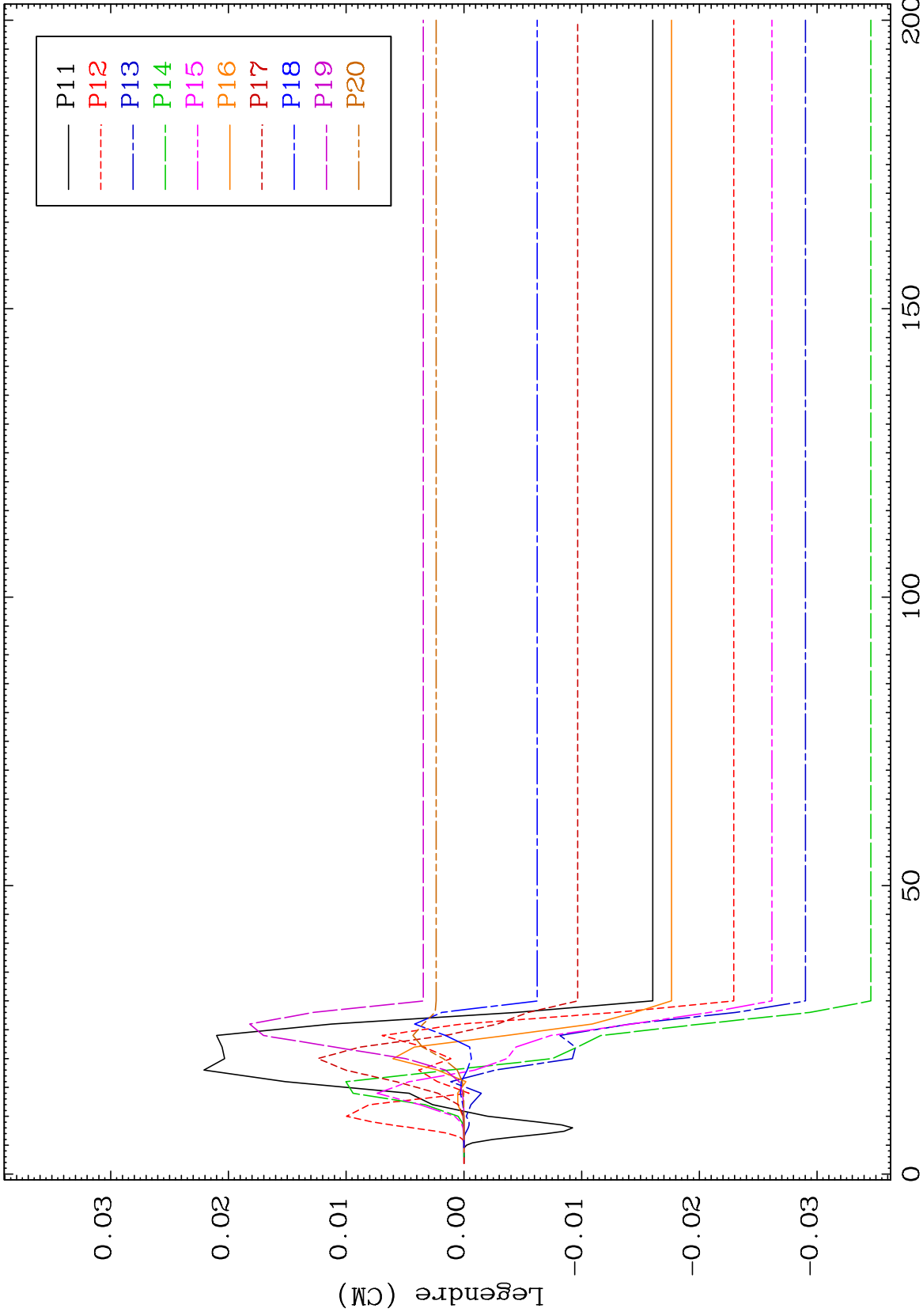
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



29

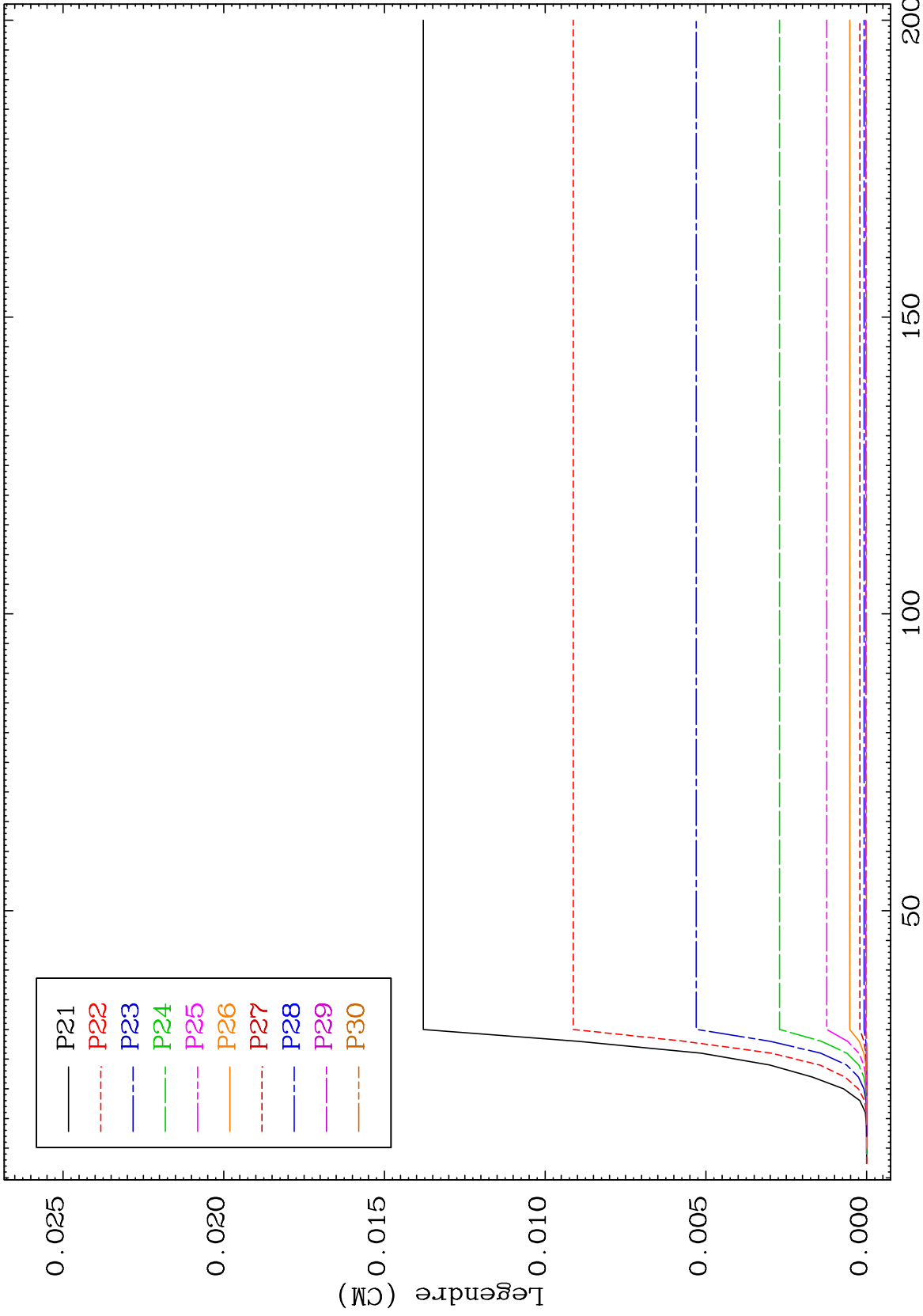
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



30

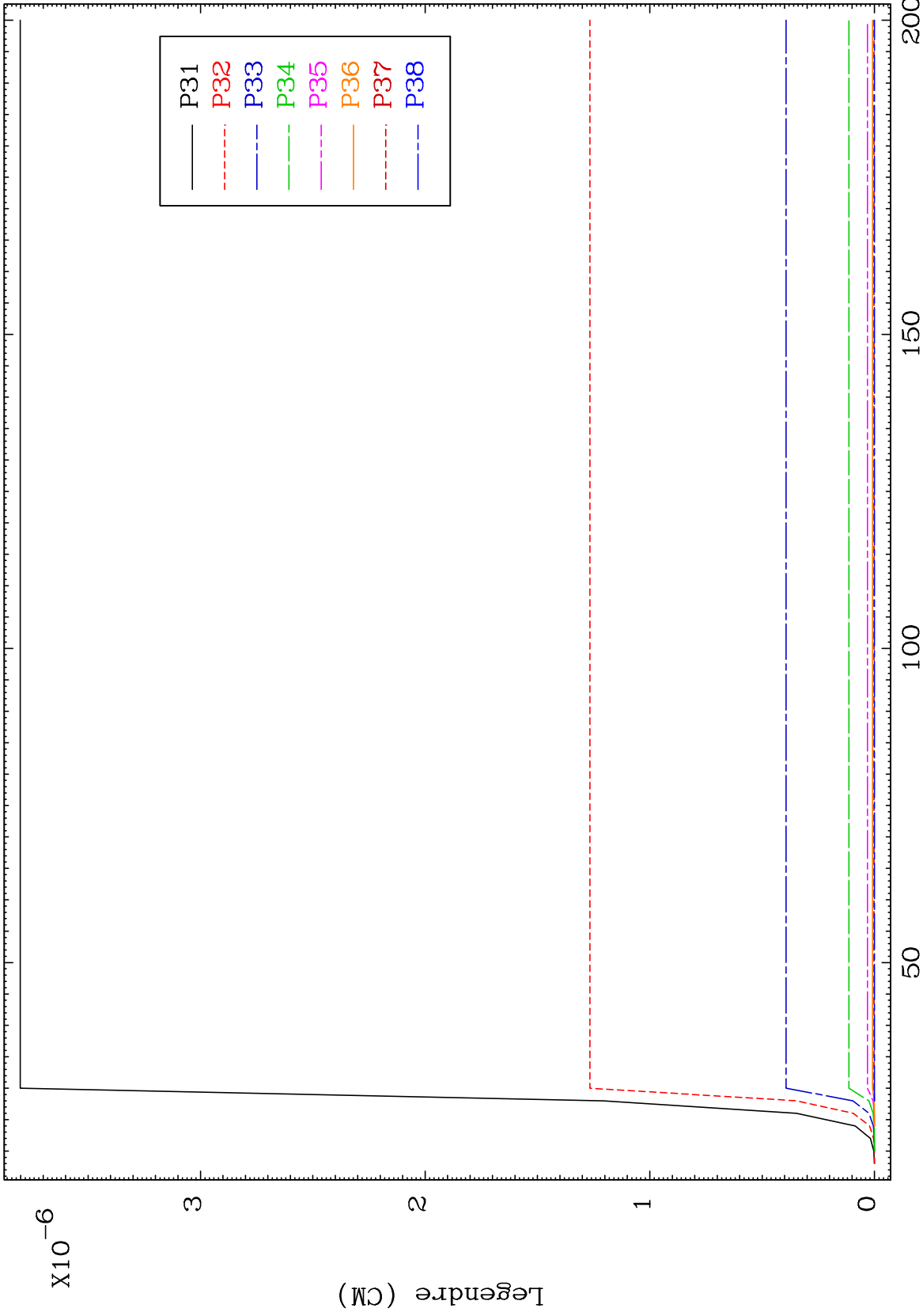
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



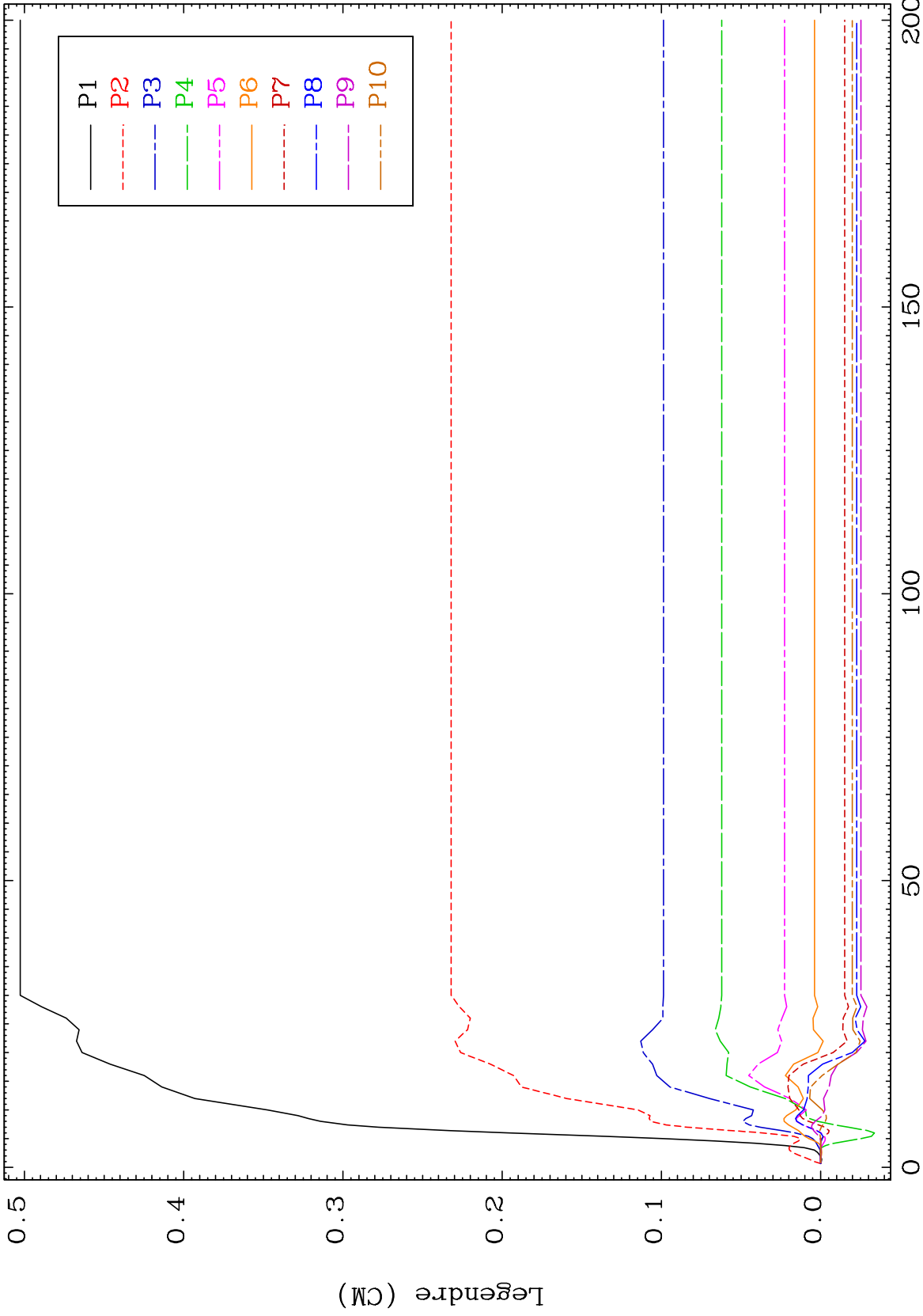
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82-Pb-211

MAT 8246

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

82-Pb-211



32

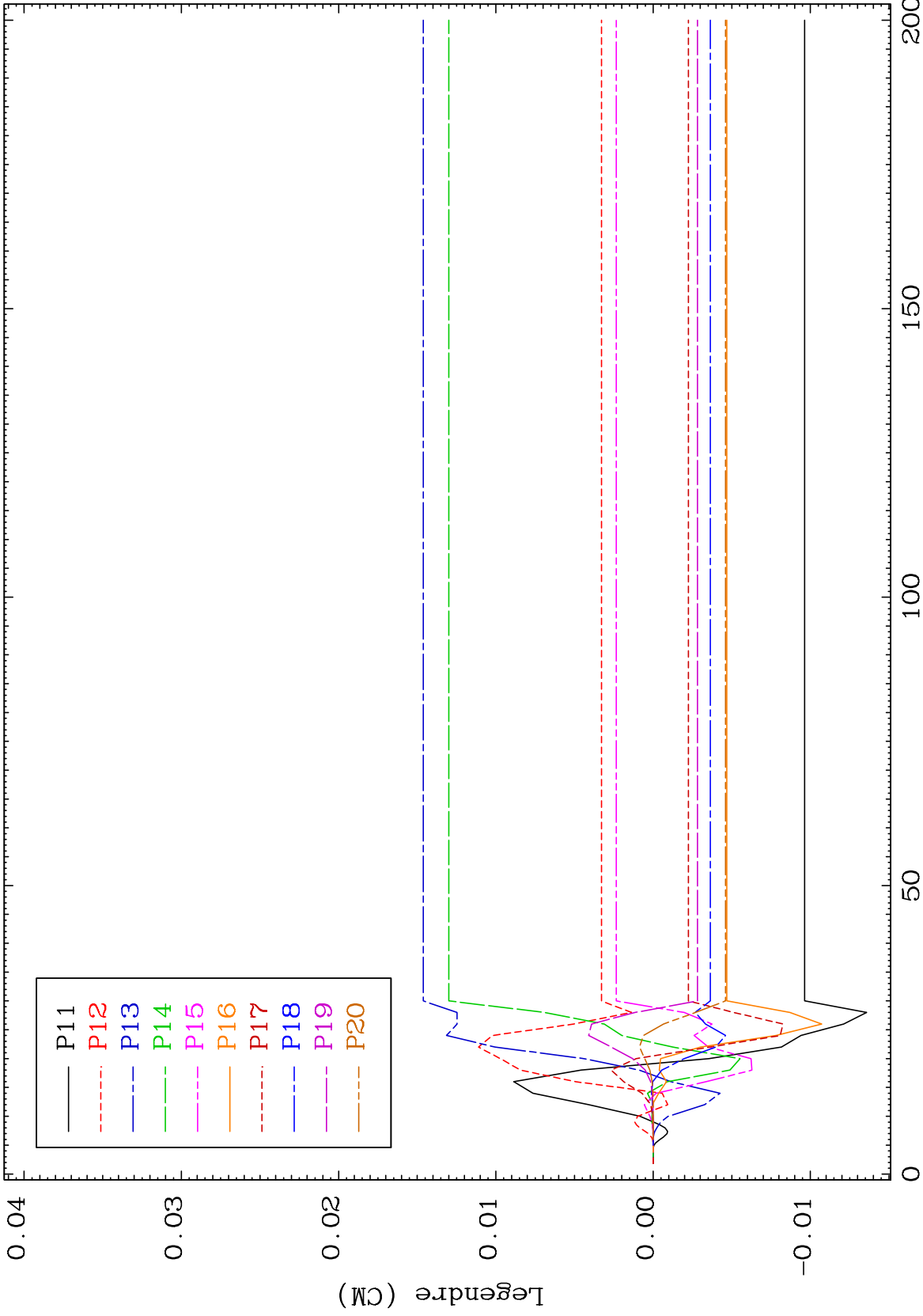
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



33

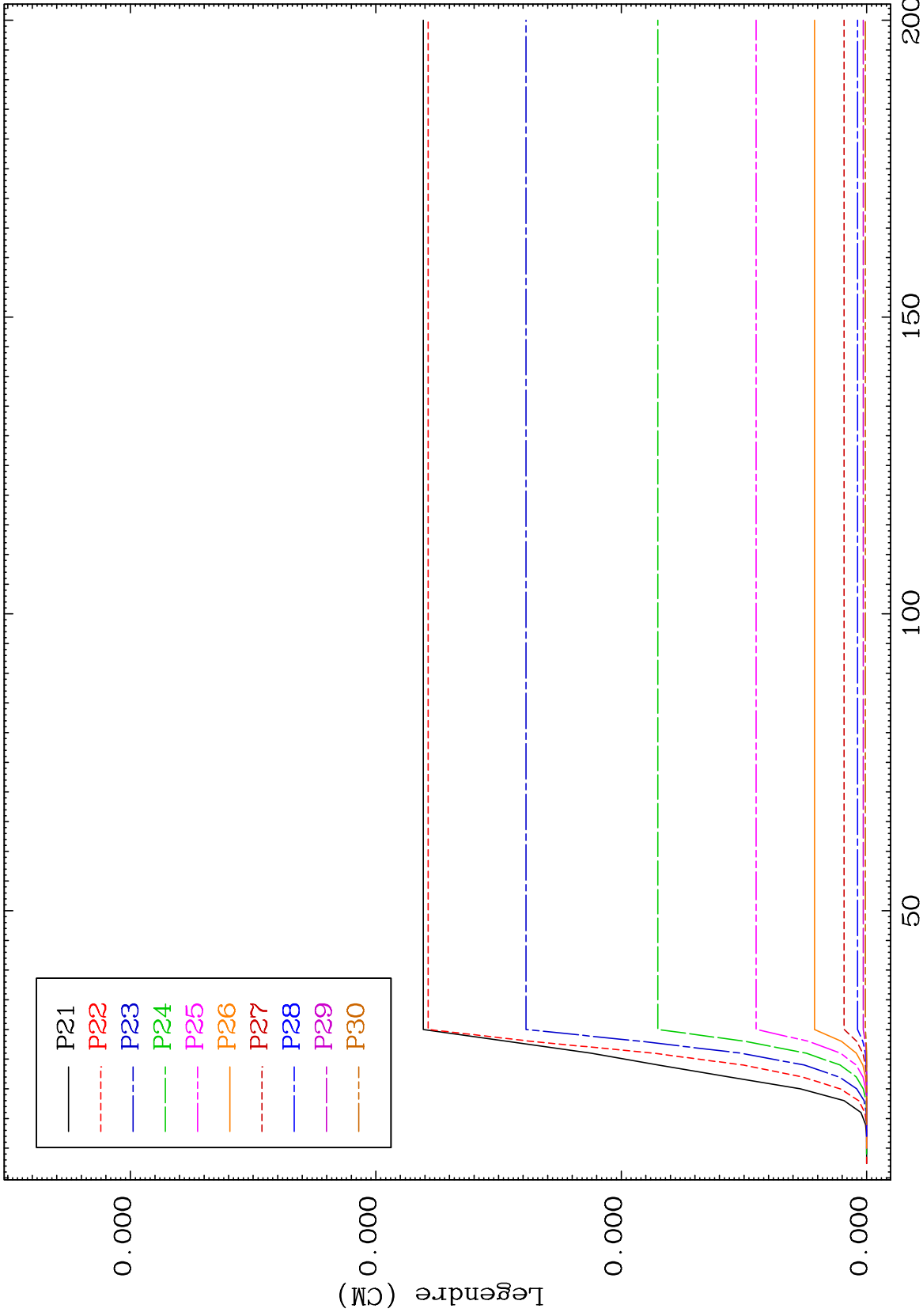
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



34

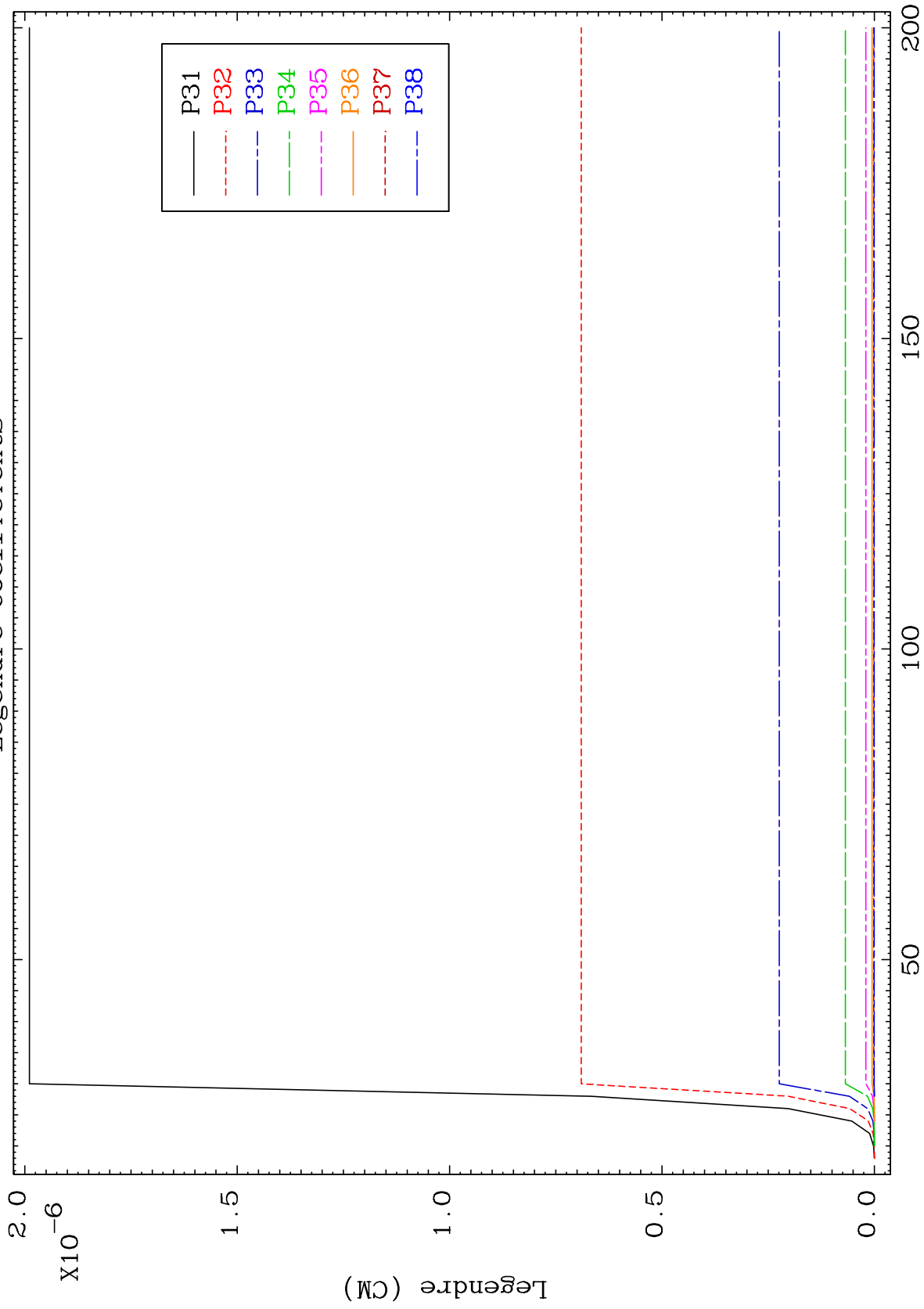
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



35

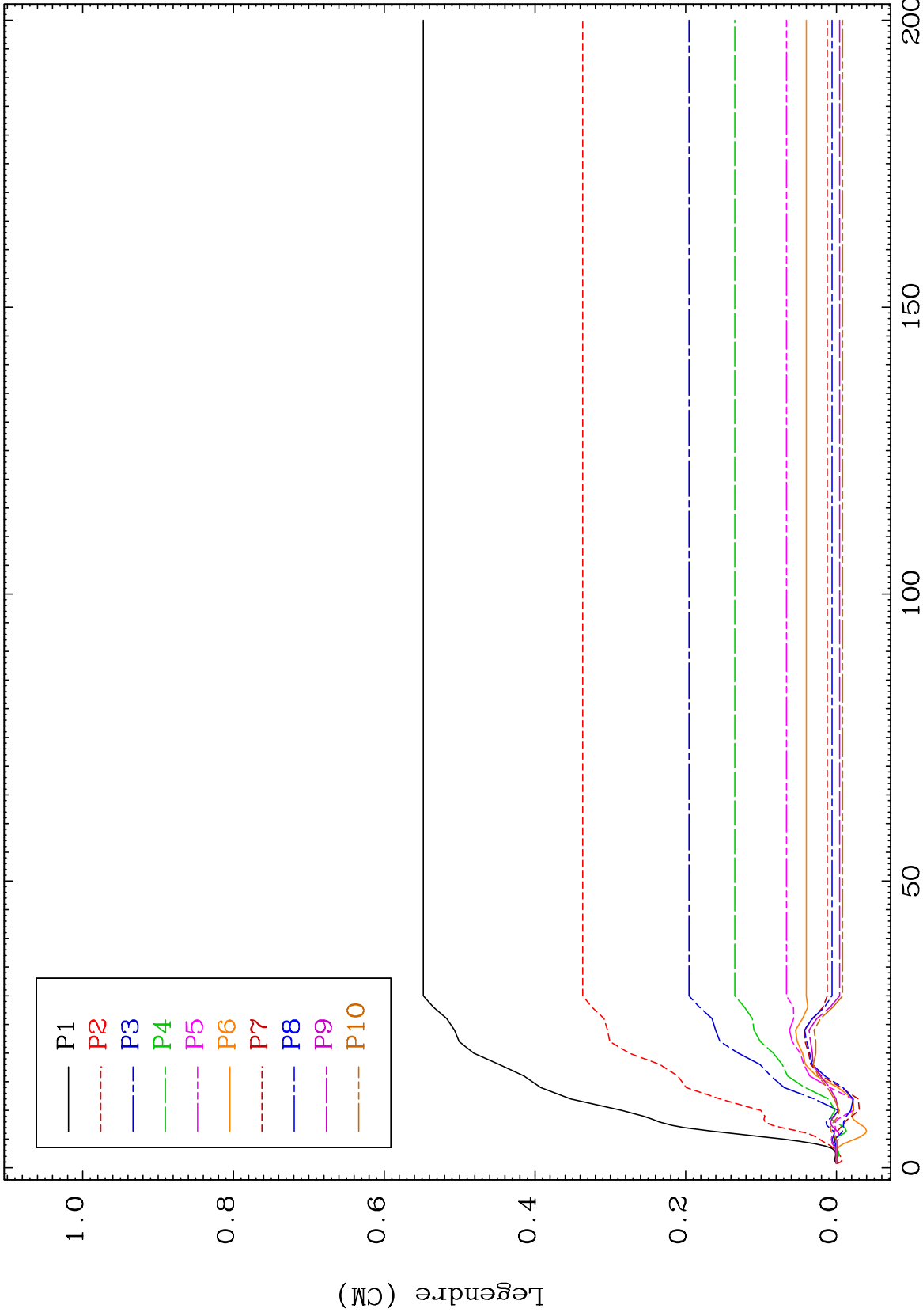
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



36

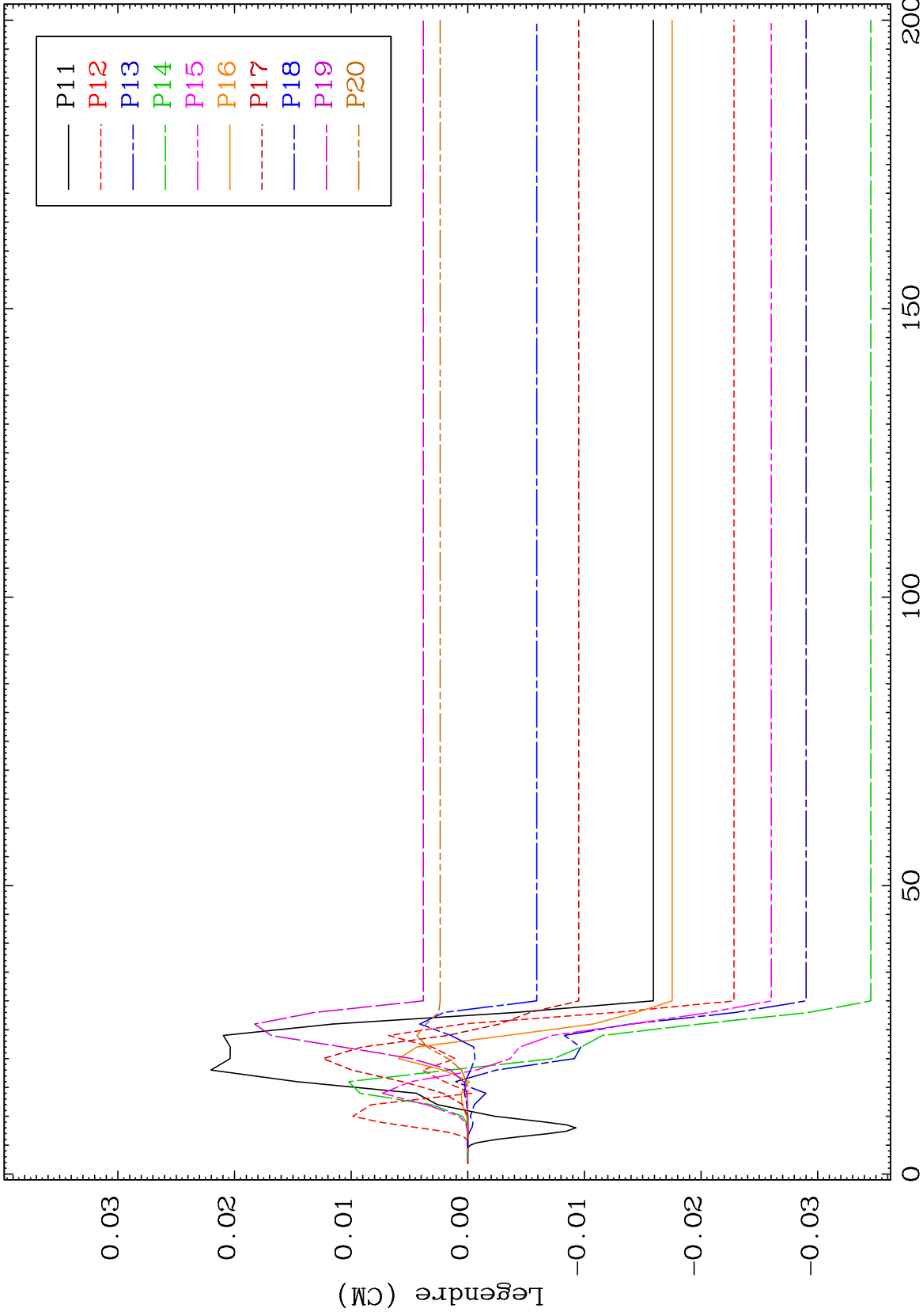
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

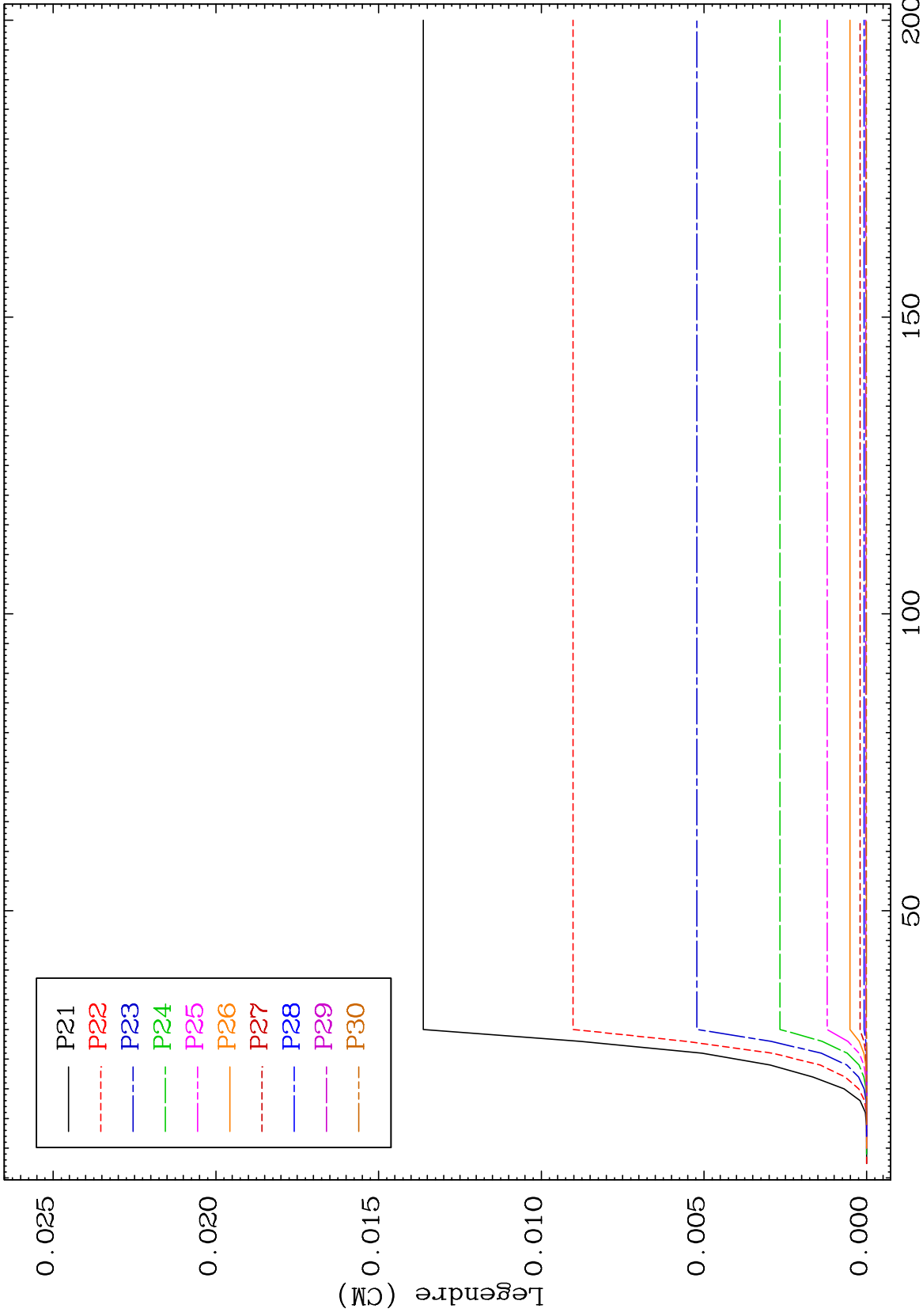
82-Pb-211



37

Incident Energy (MeV)

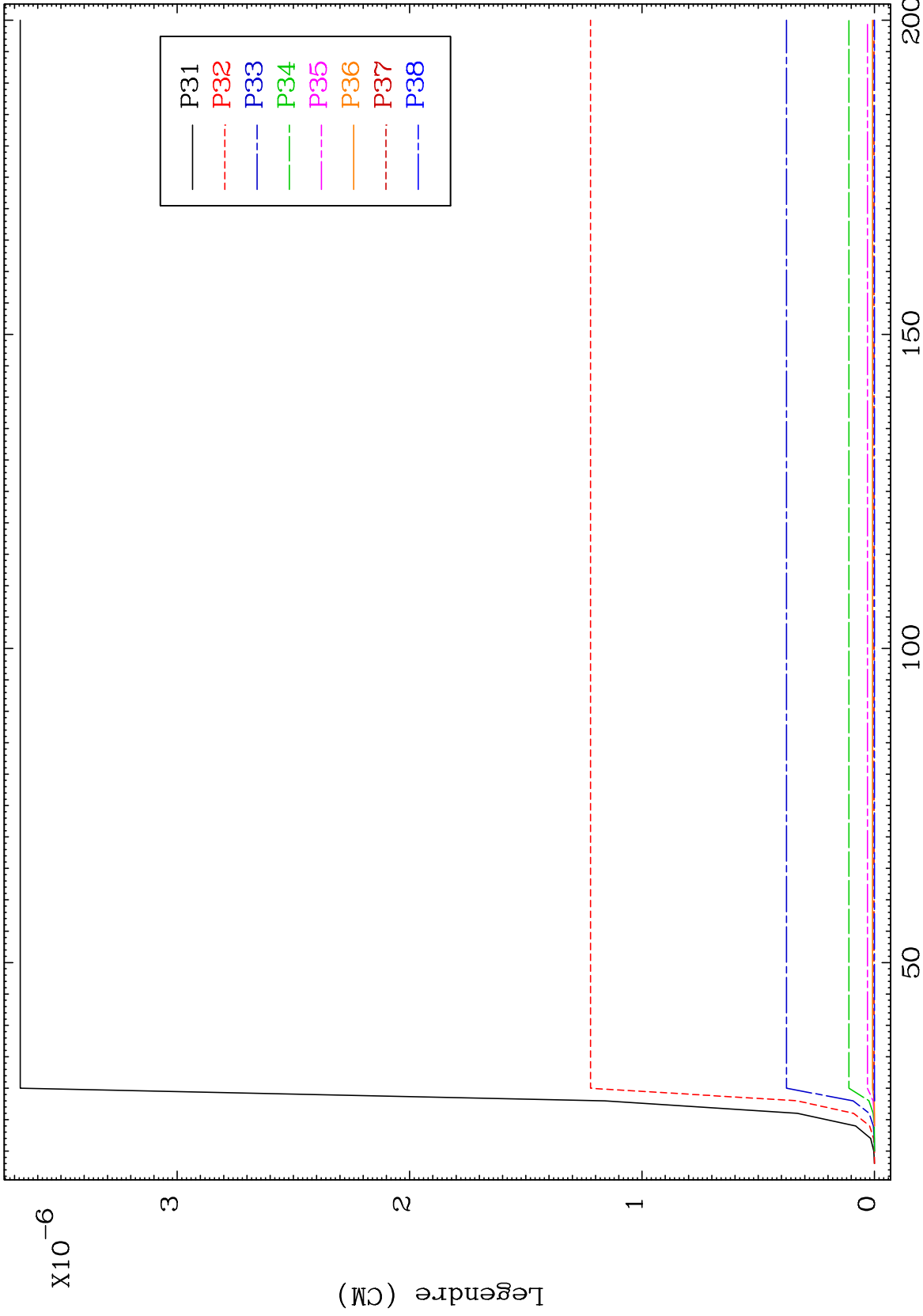
82-Pb-211



MAT 8246

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

82-Pb-211



39

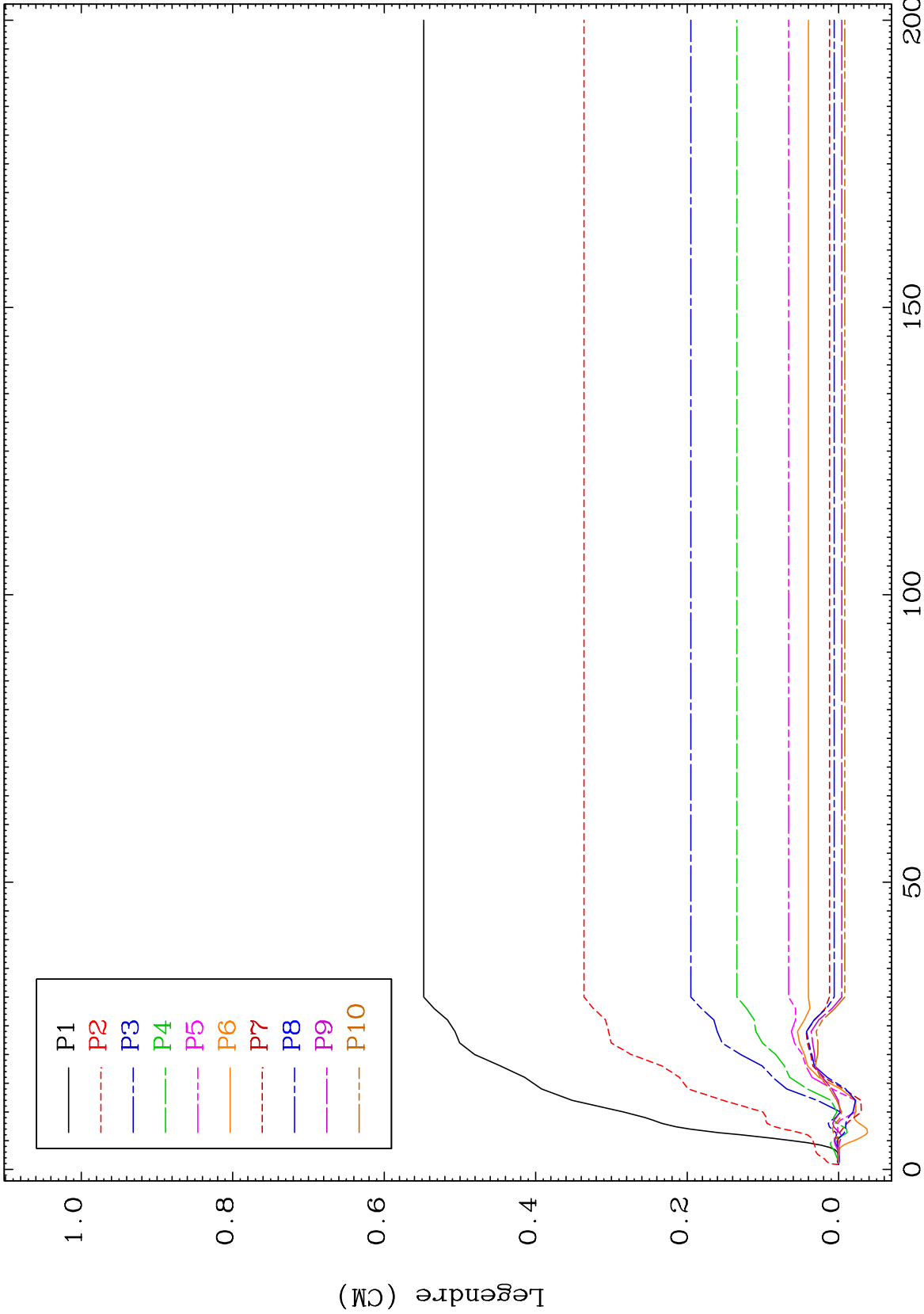
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211

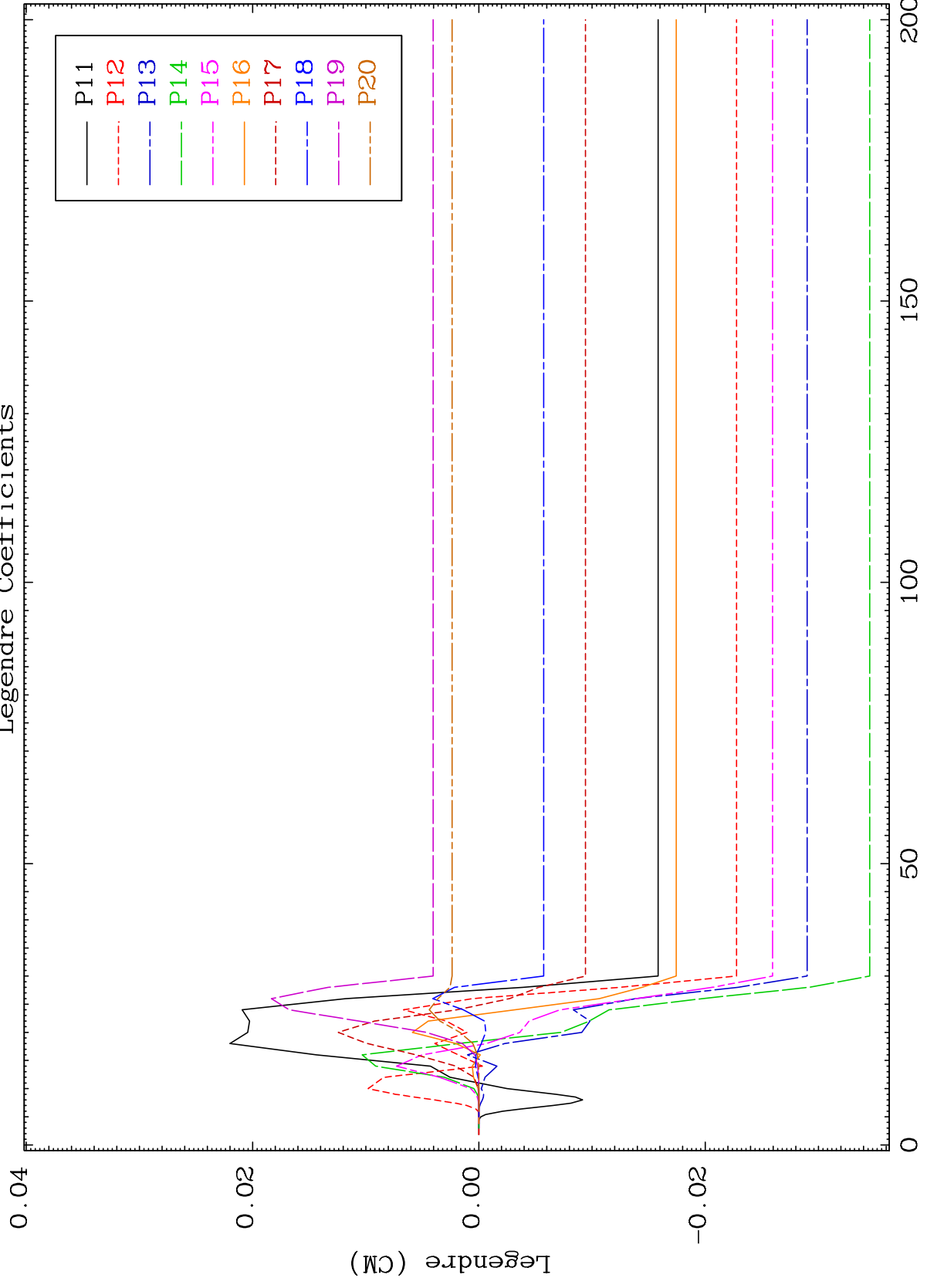


82-Pb-211

Incident Energy (MeV)

40

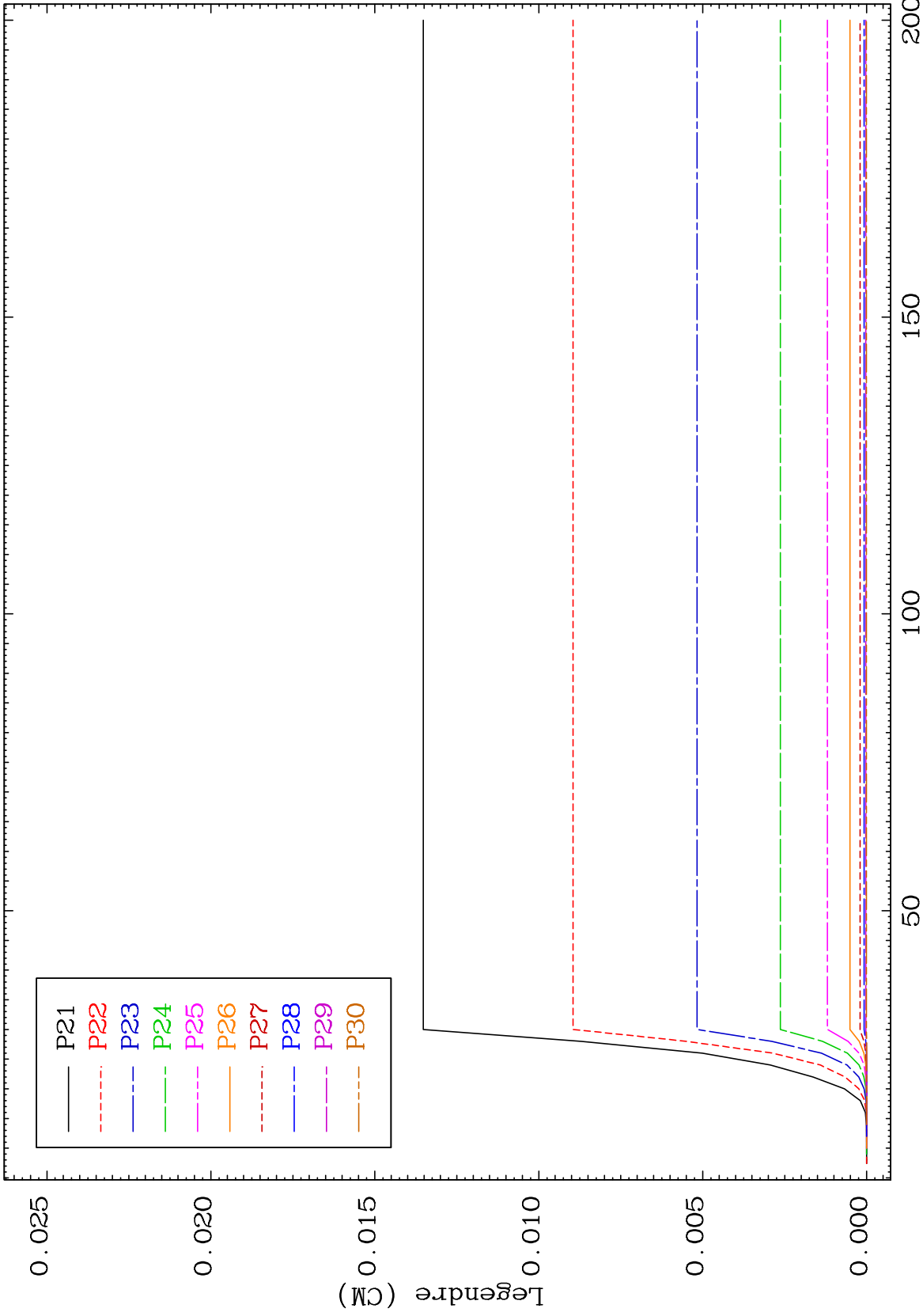
MAT 8246 MT= 56 (n,n') Level Legendre Coefficients 82-Pb-211



MAT 8246

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

82-Pb-211



42

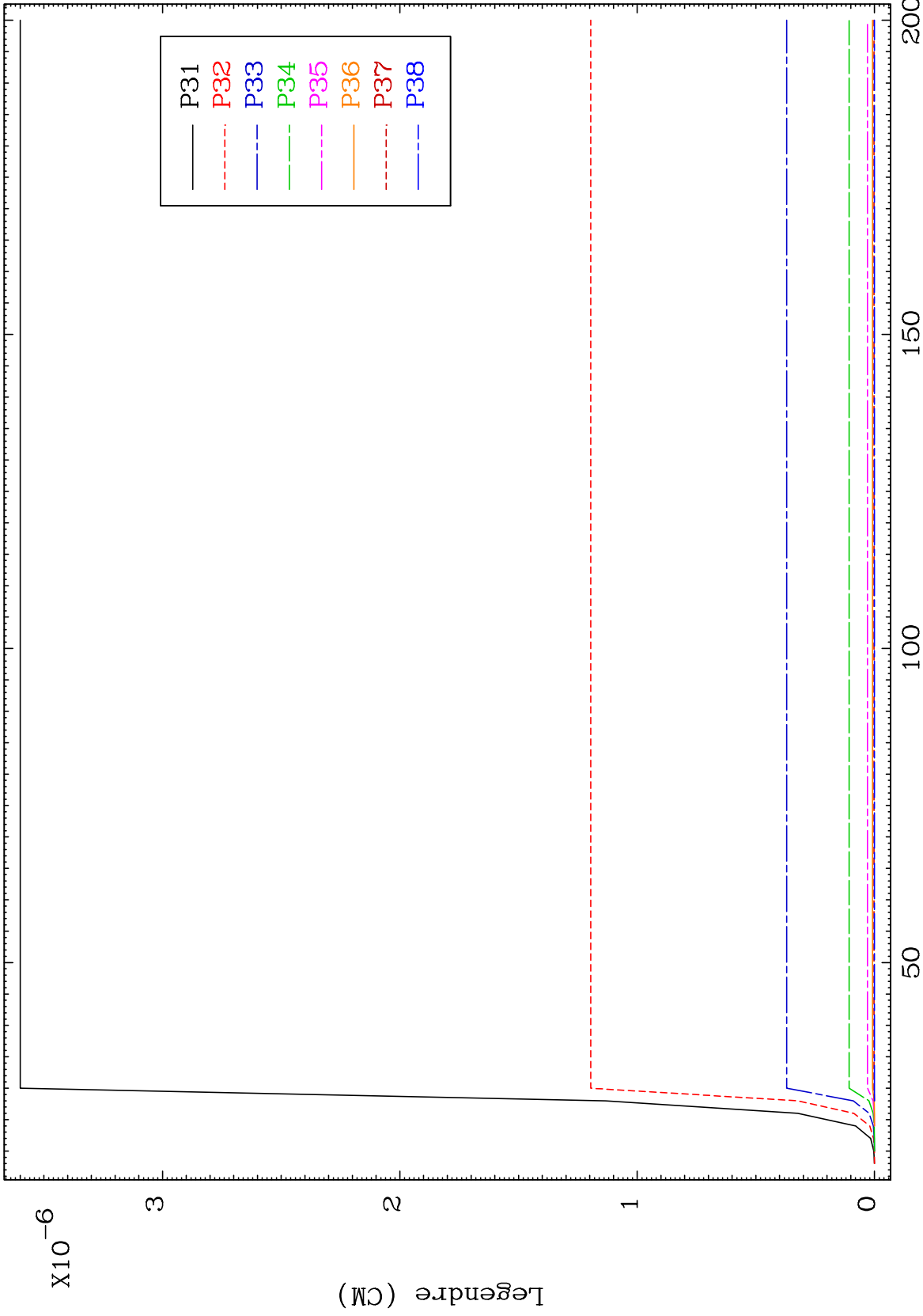
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



43

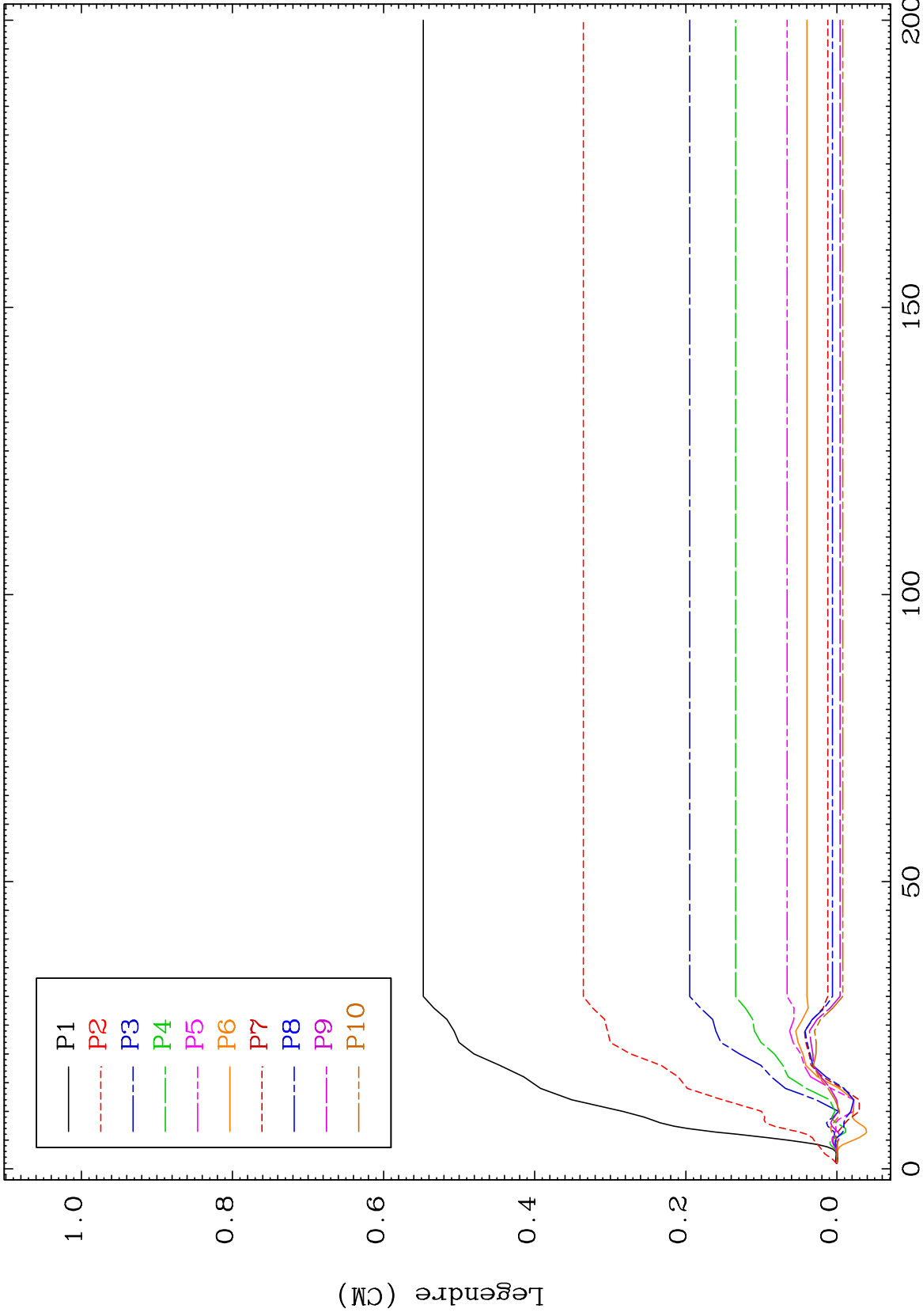
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



44

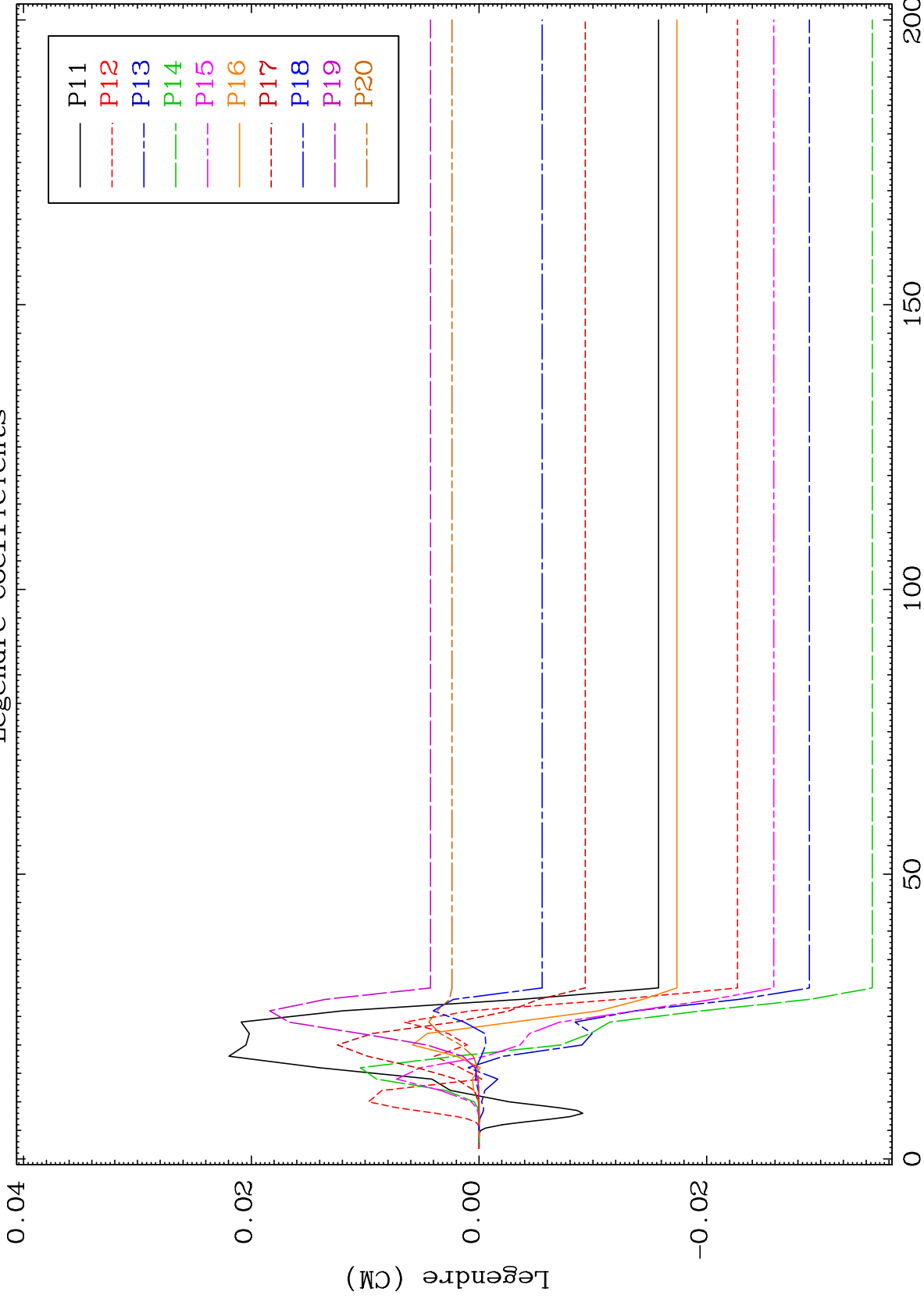
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

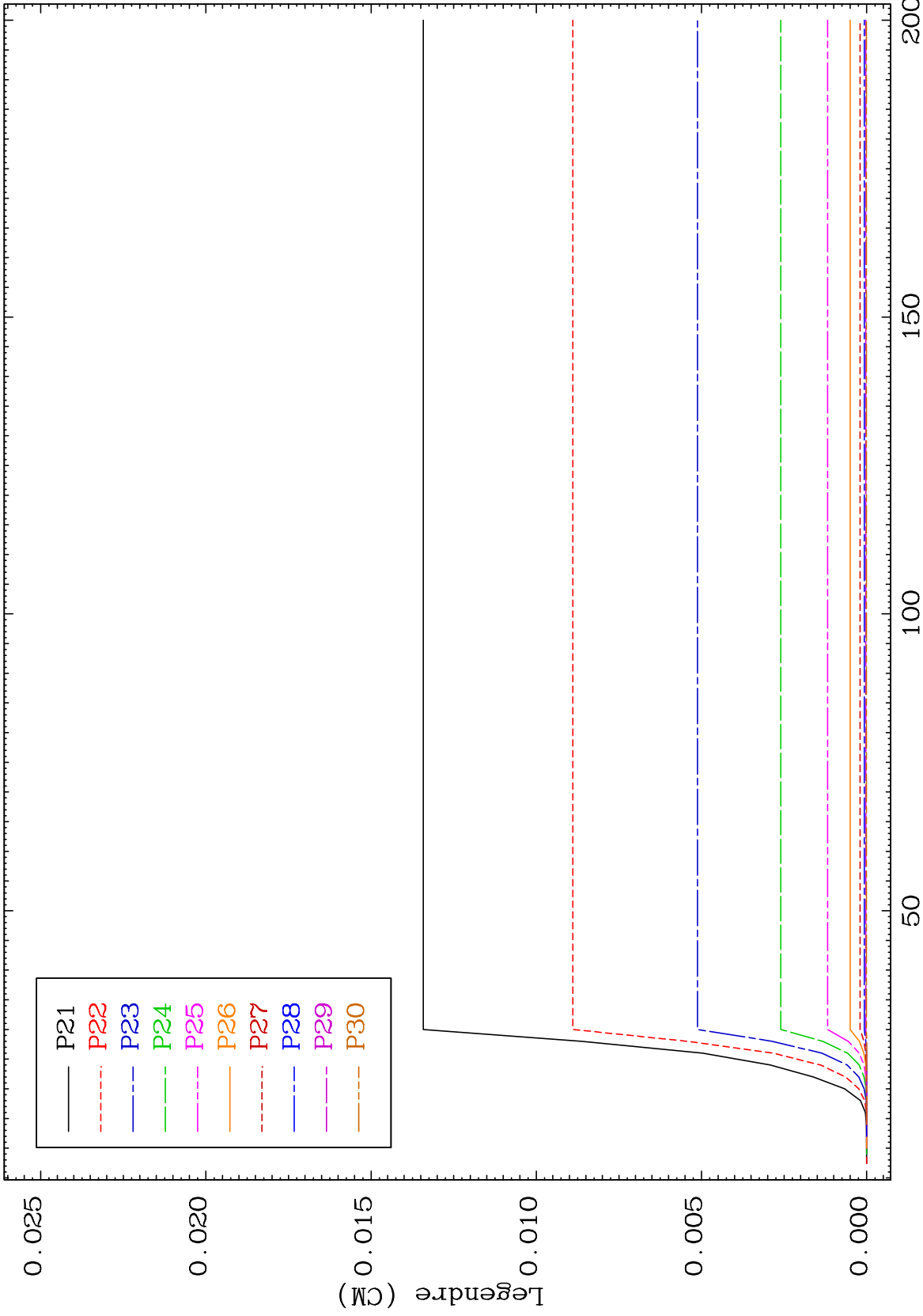
82-Pb-211



45

Incident Energy (MeV)

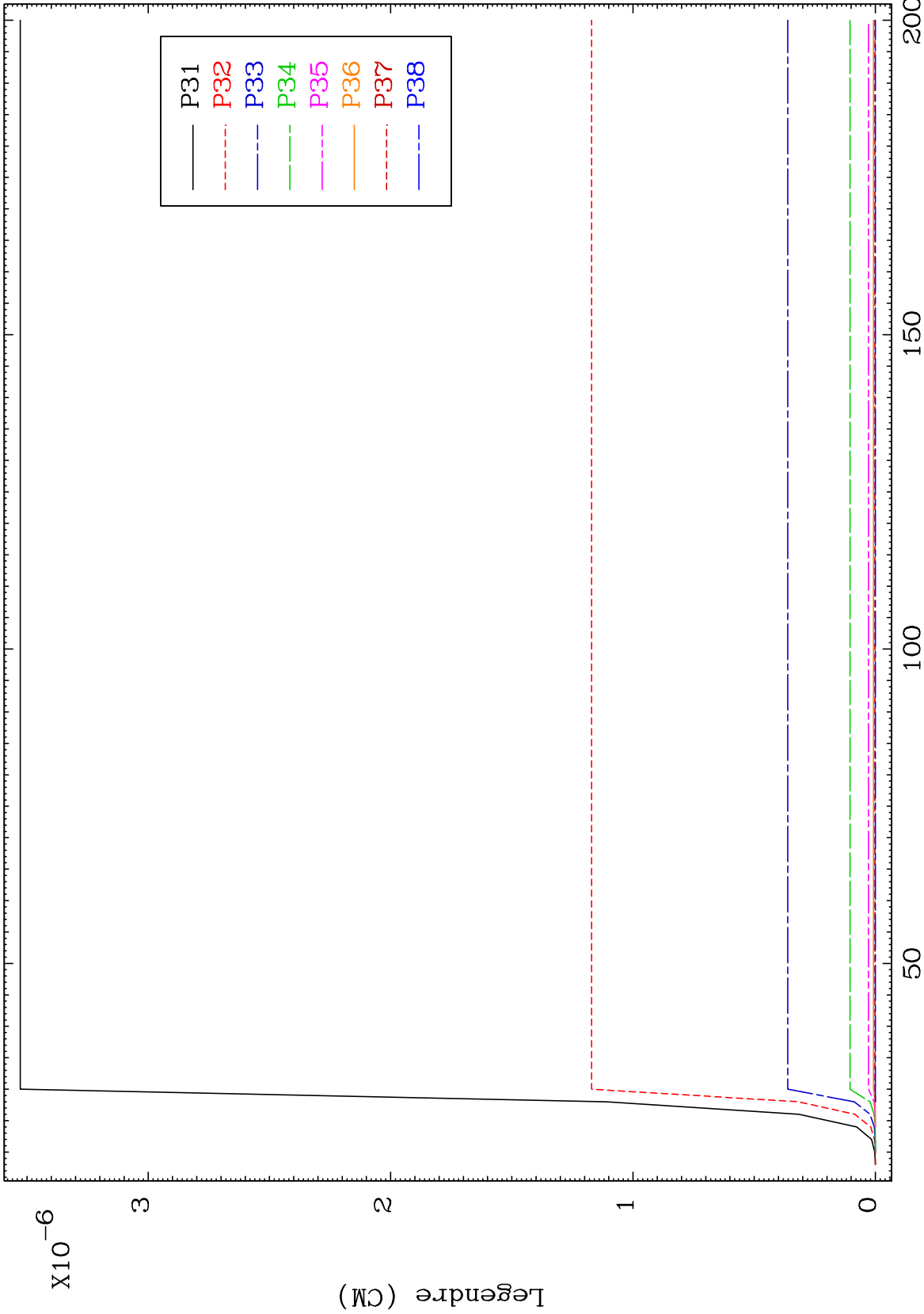
82-Pb-211



MAT 8246

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

82-Pb-211



47

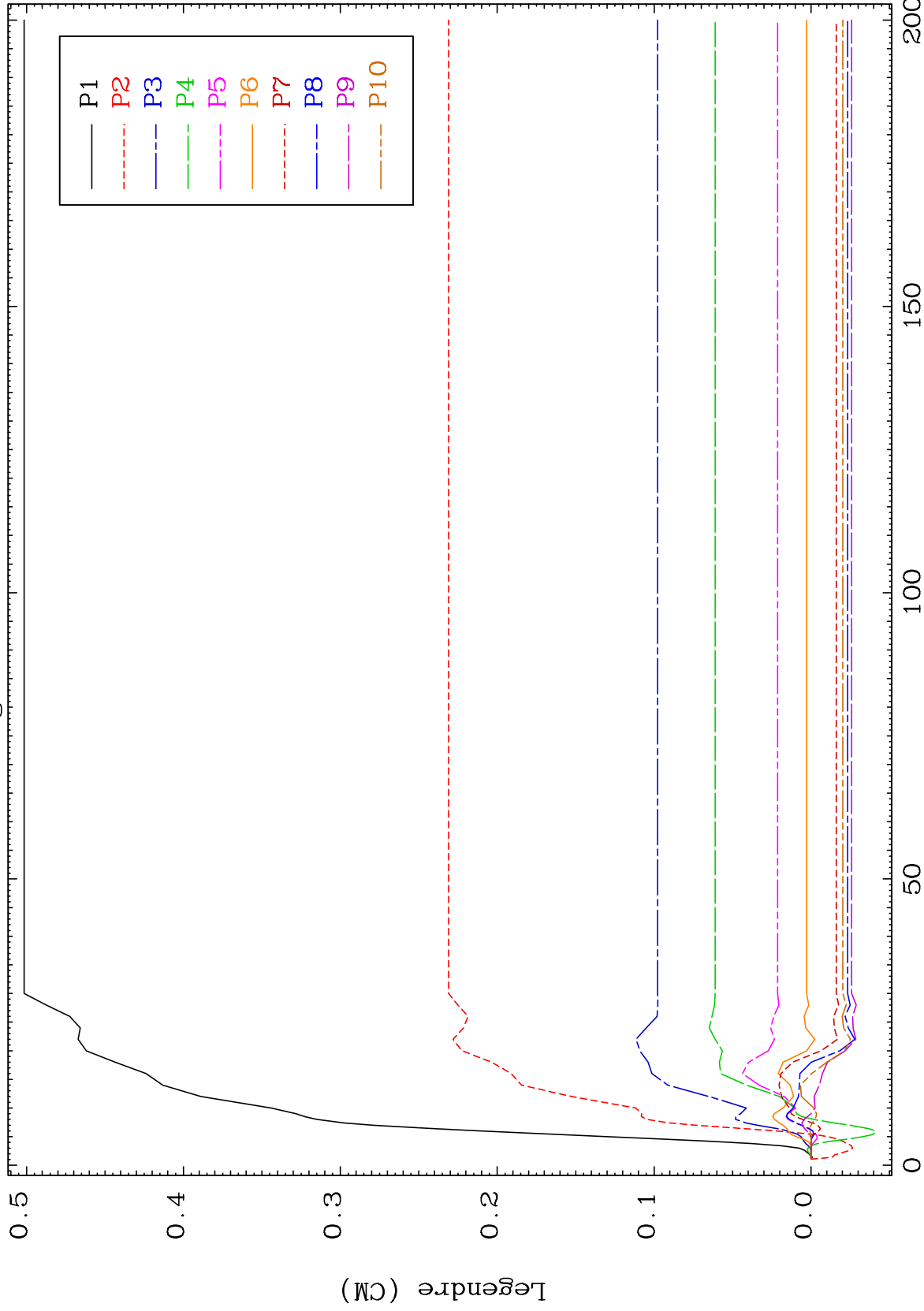
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



48

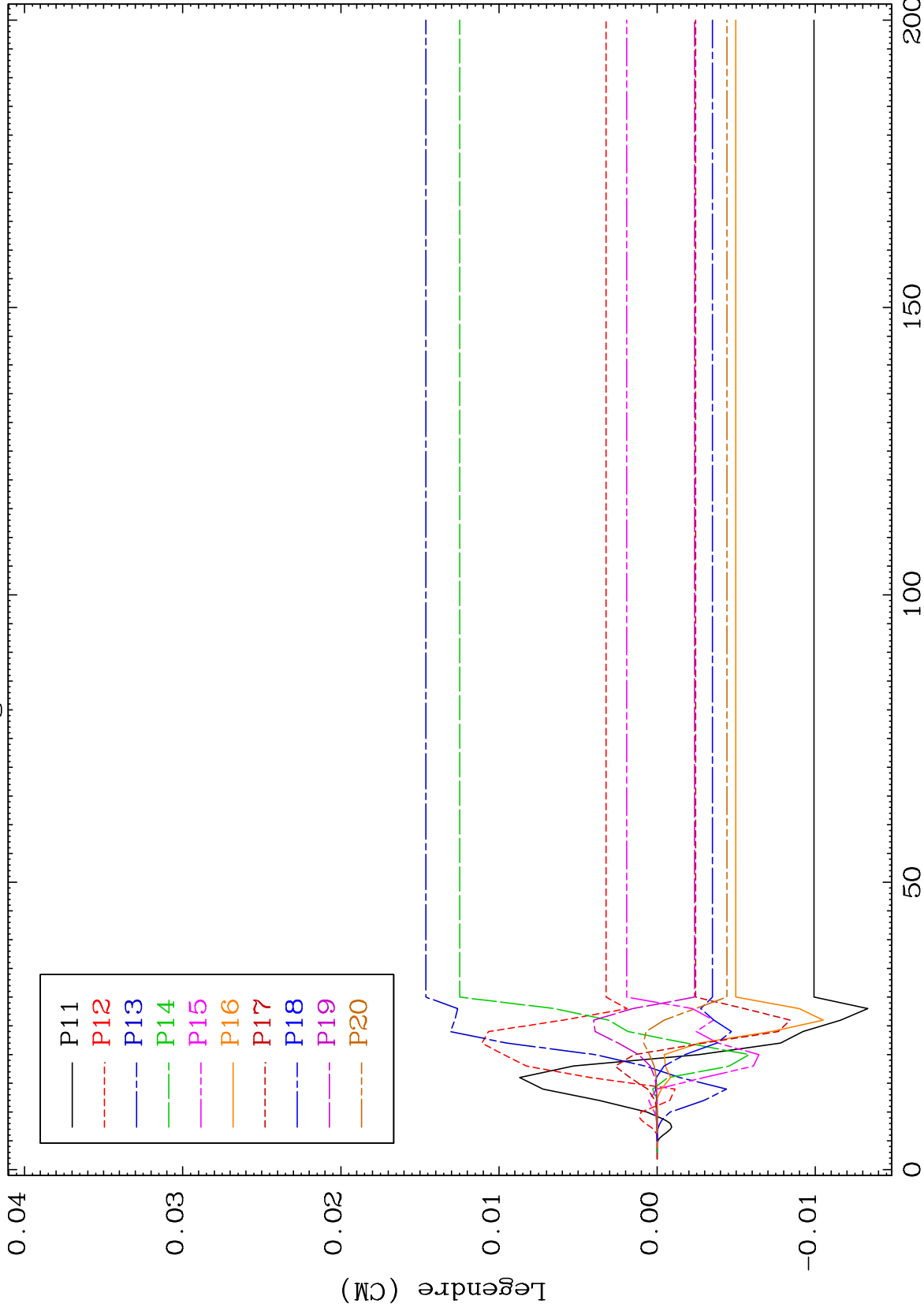
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



49

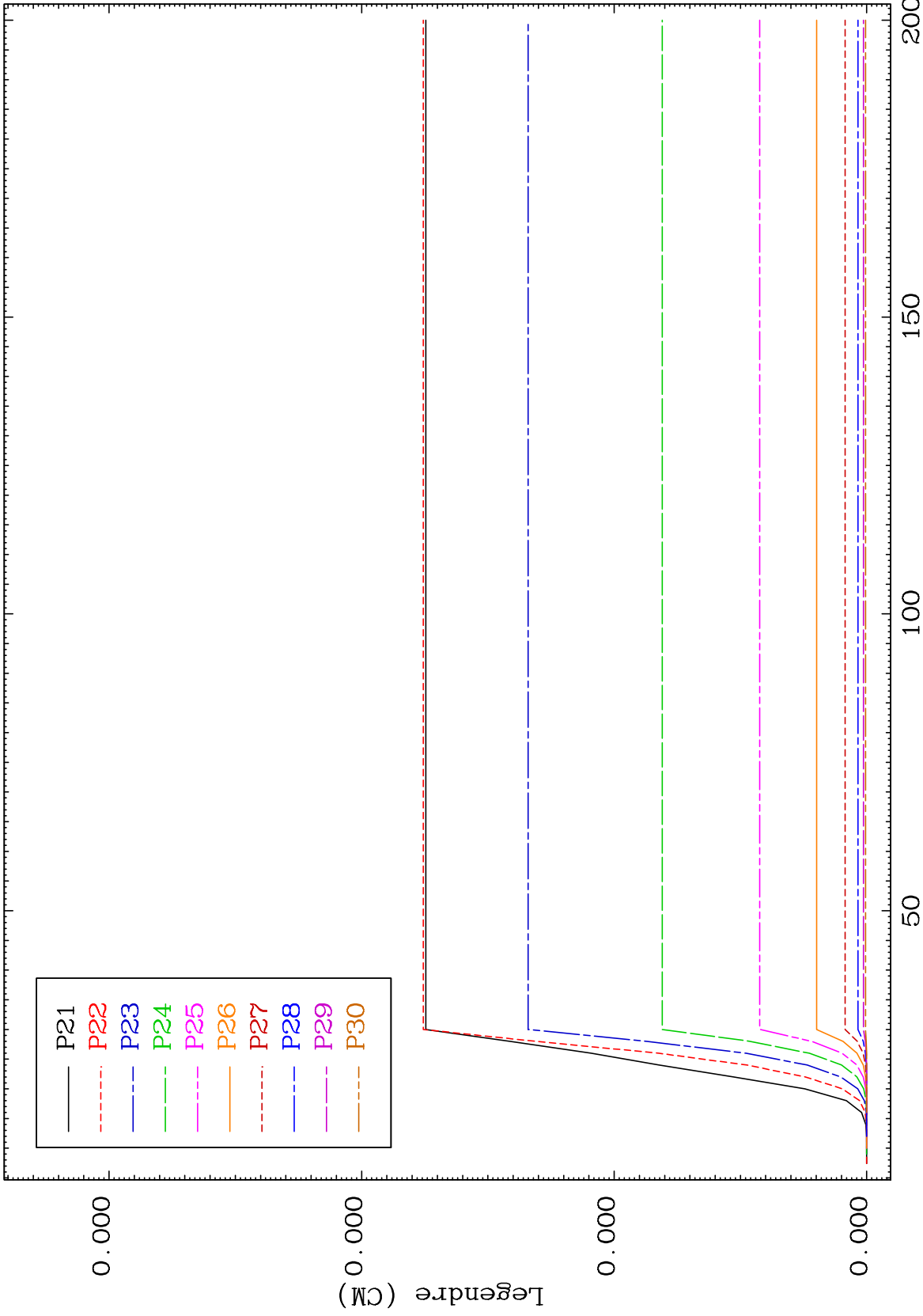
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



50

50

100

150

200

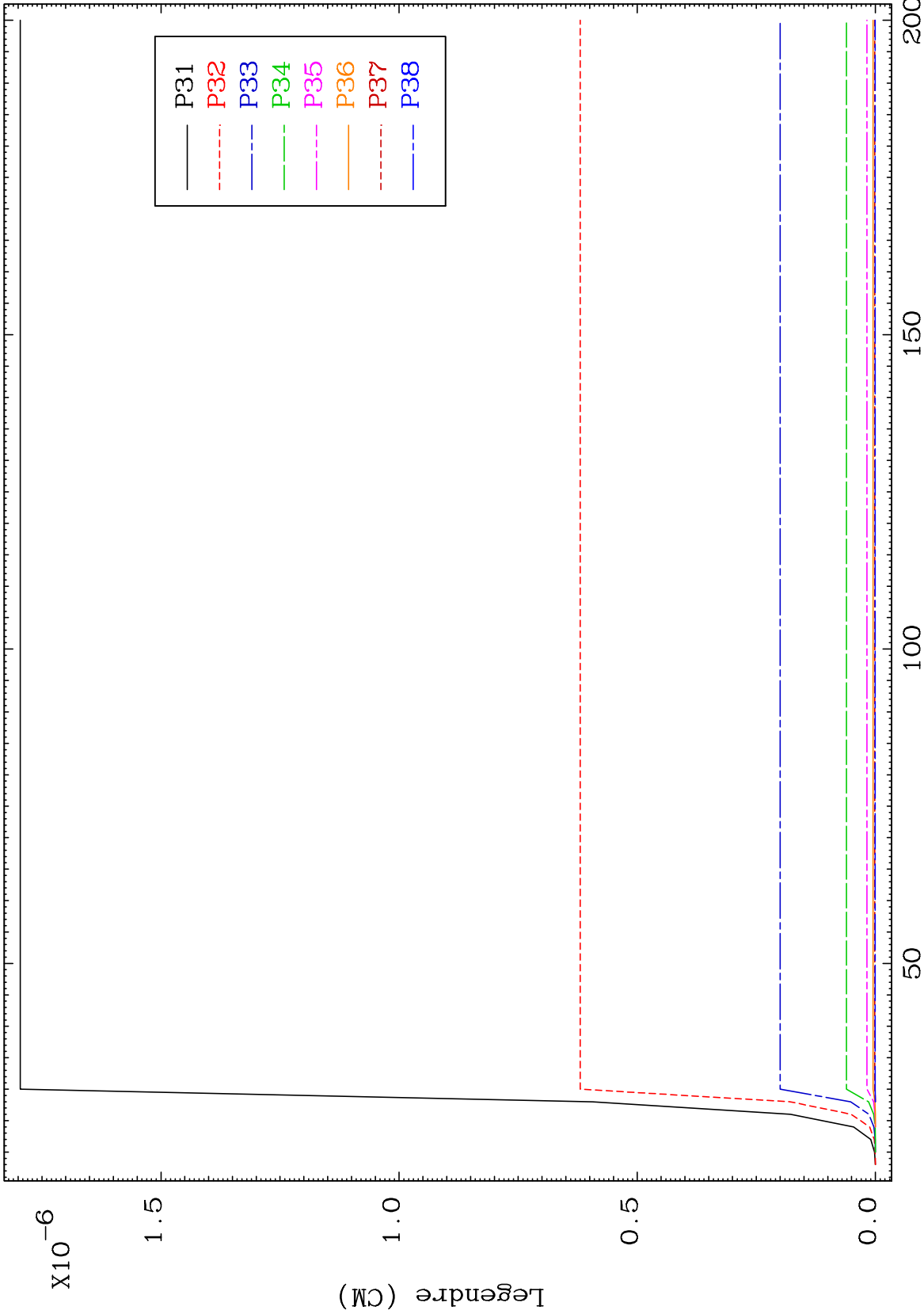
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



51

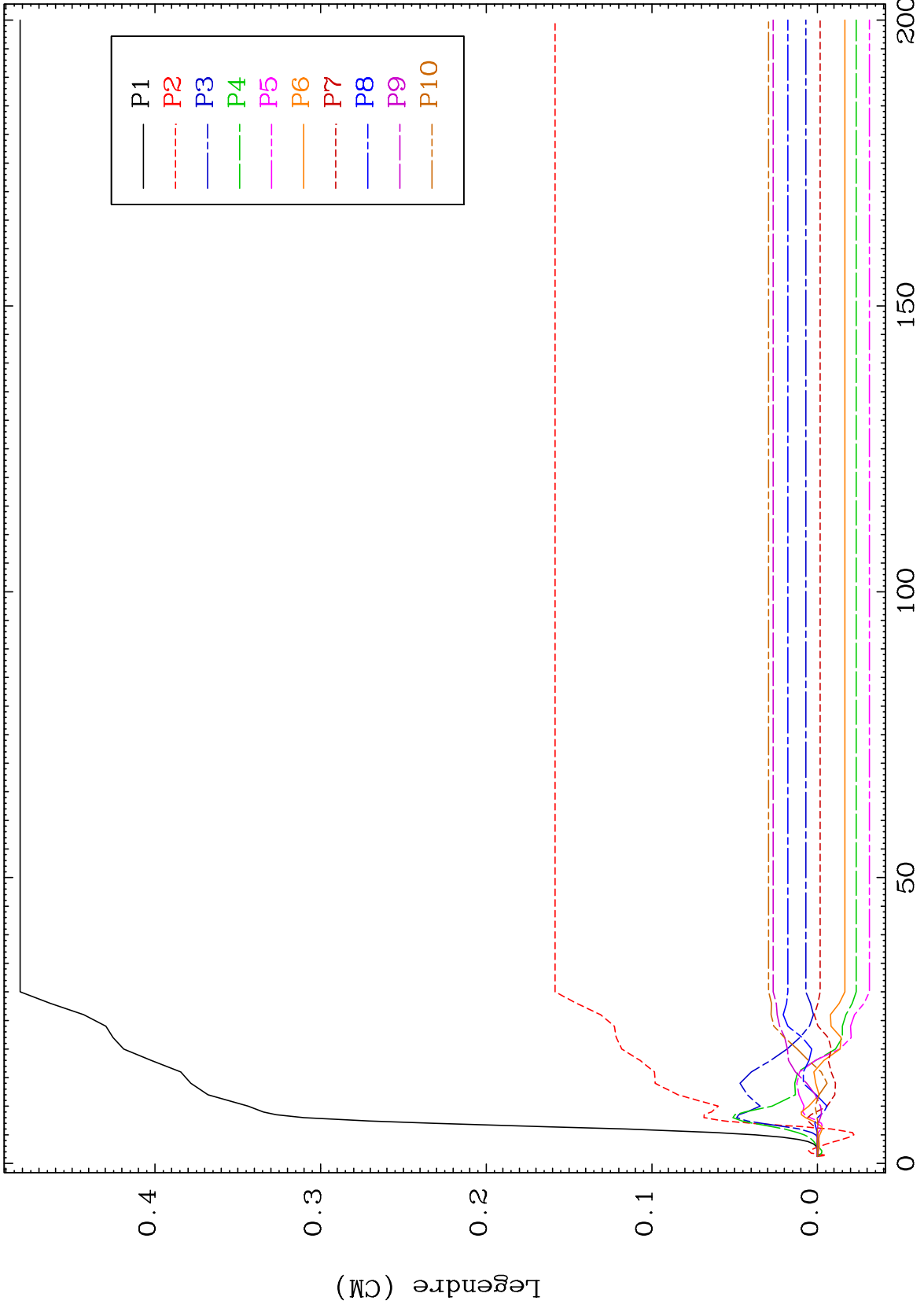
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



52

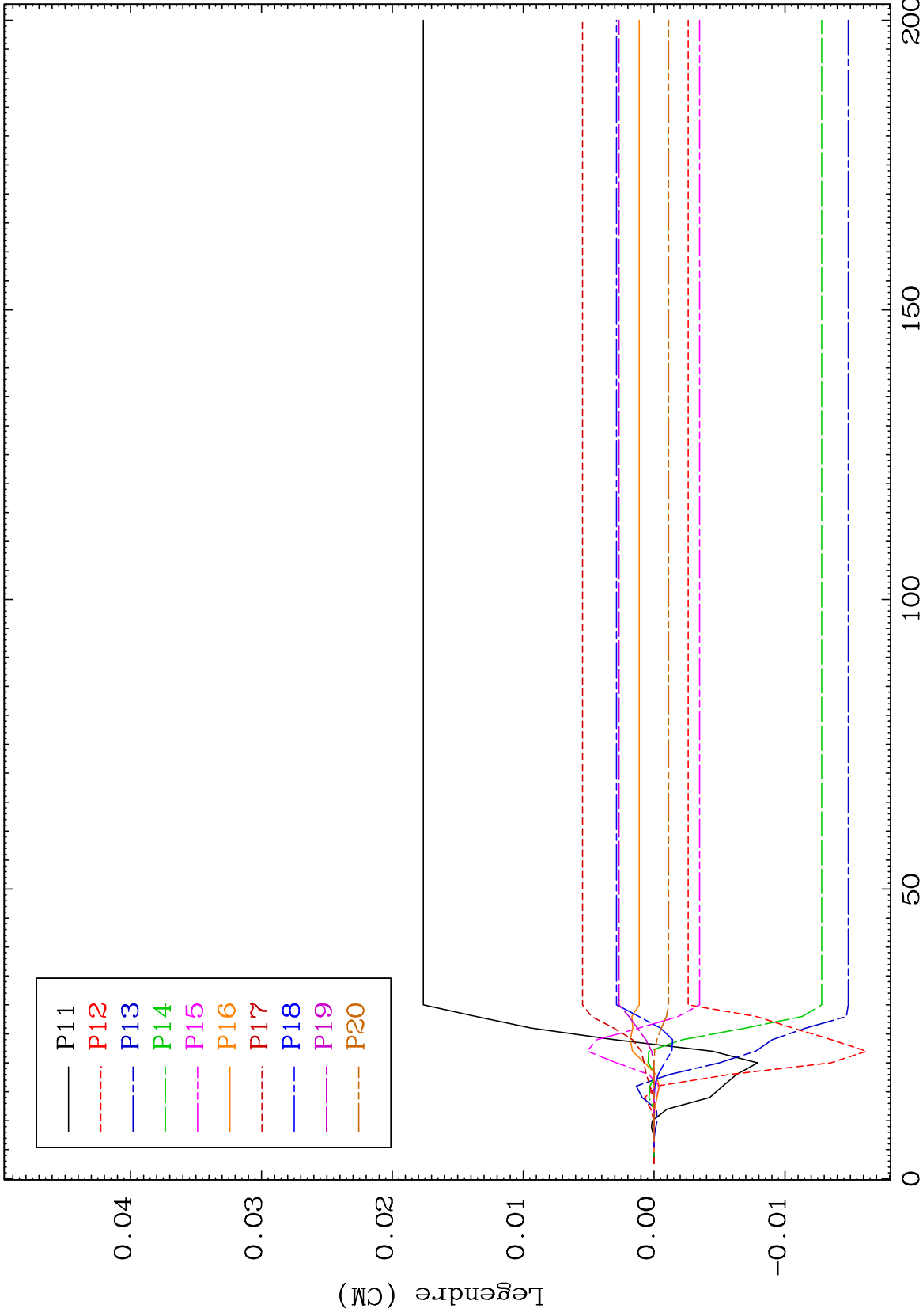
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



53

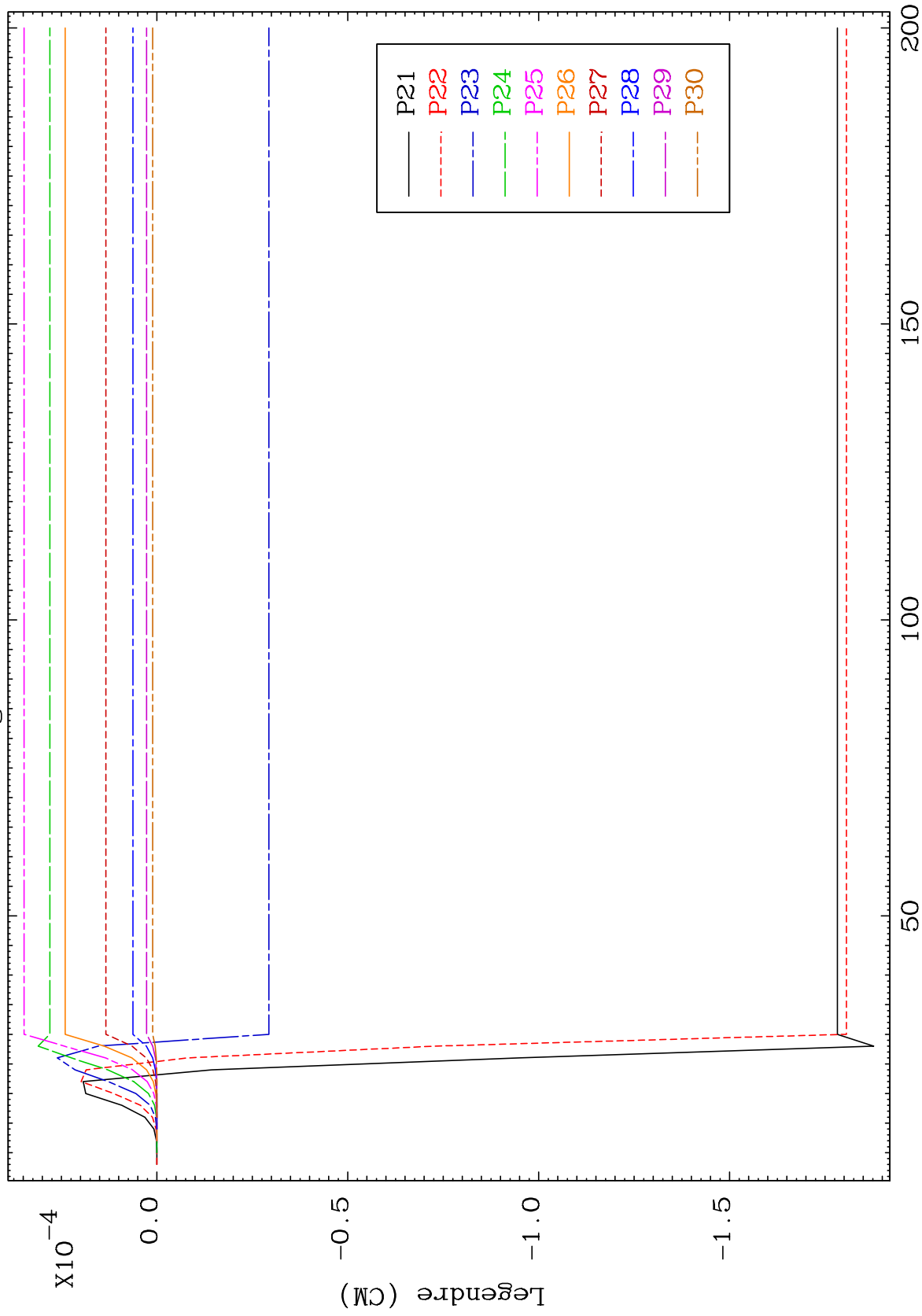
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



54

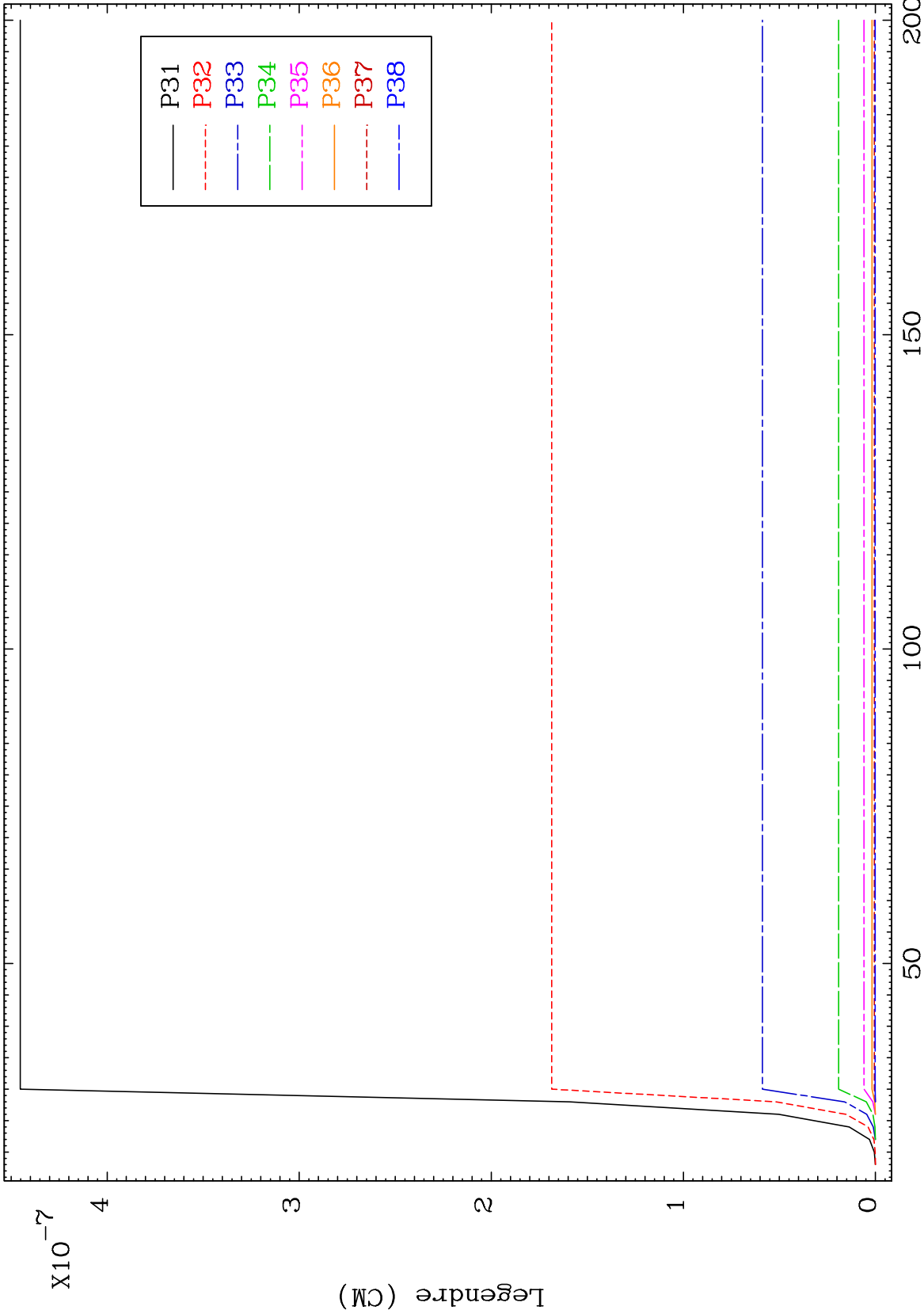
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



55

Incident Energy (MeV)

50

100

150

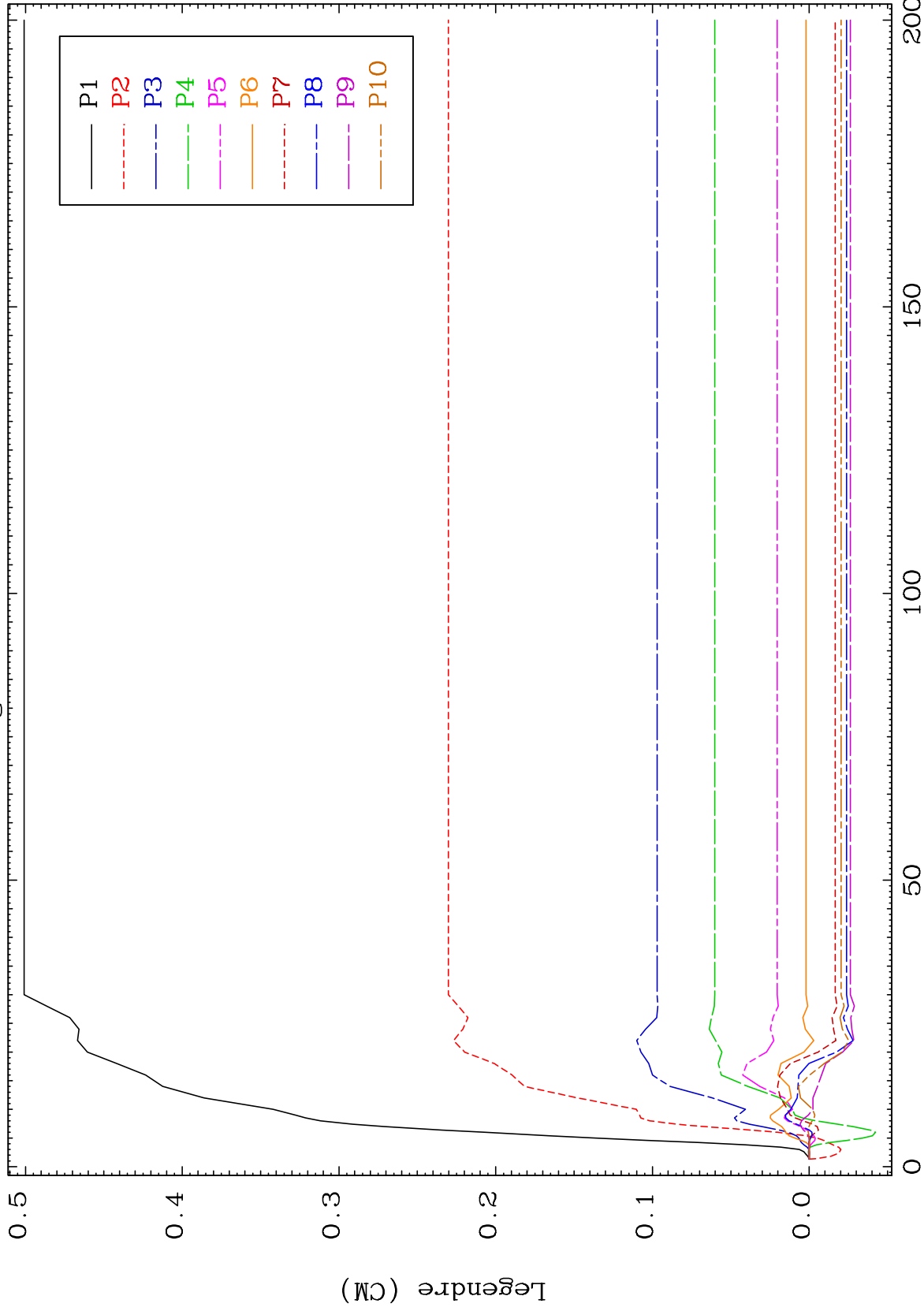
200

82-Pb-211

MAT 8246

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

82-Pb-211



56

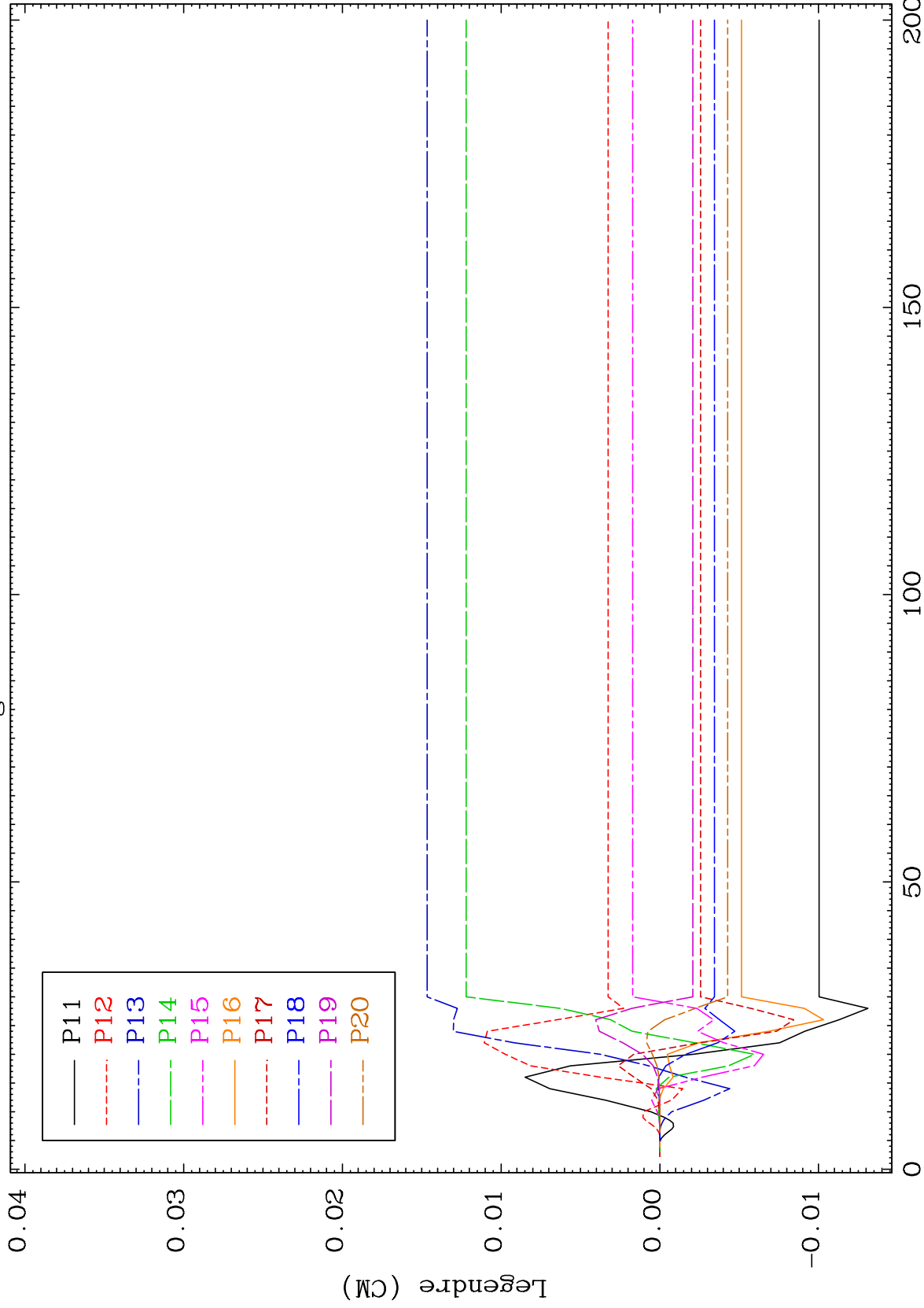
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



57

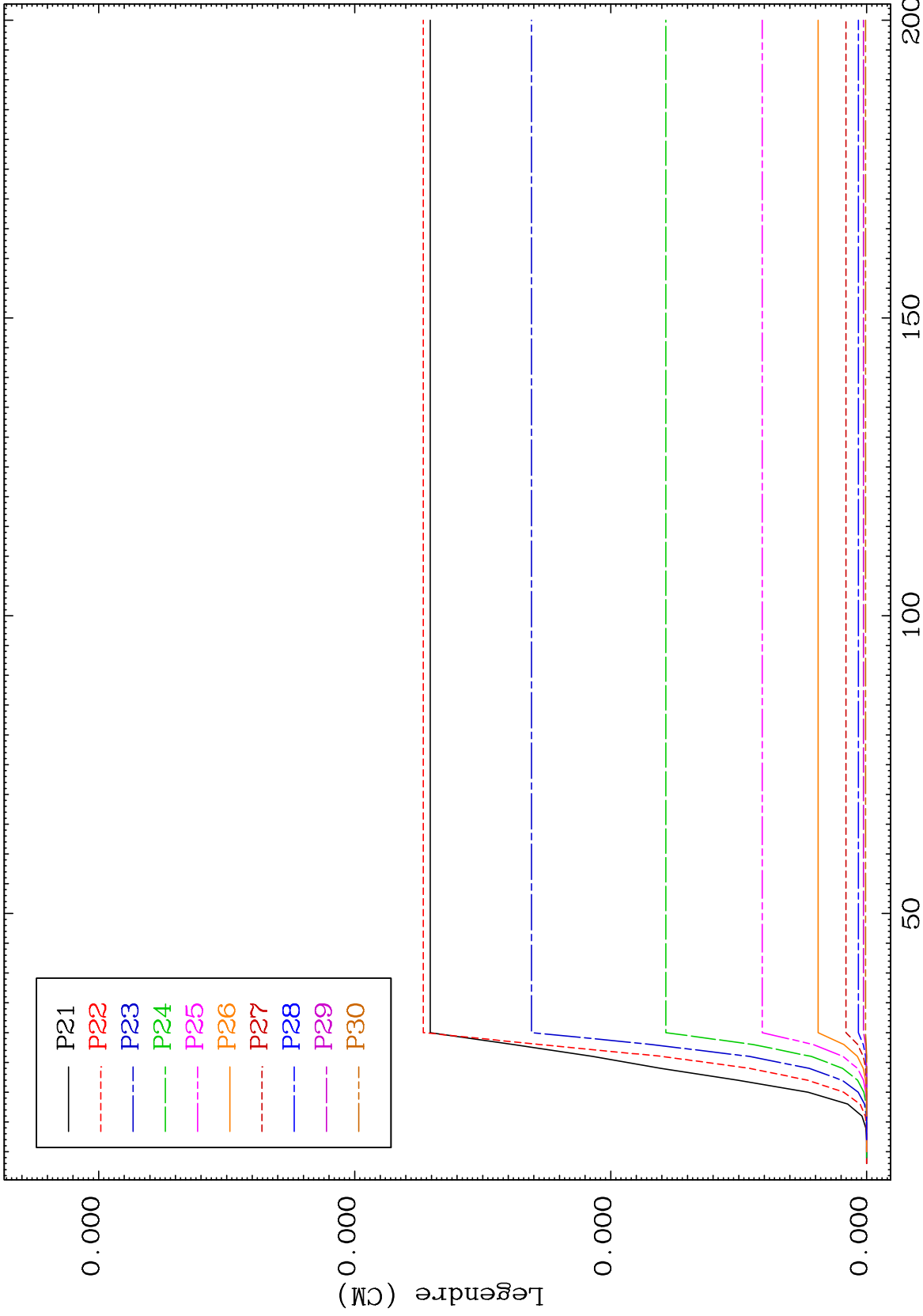
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



58

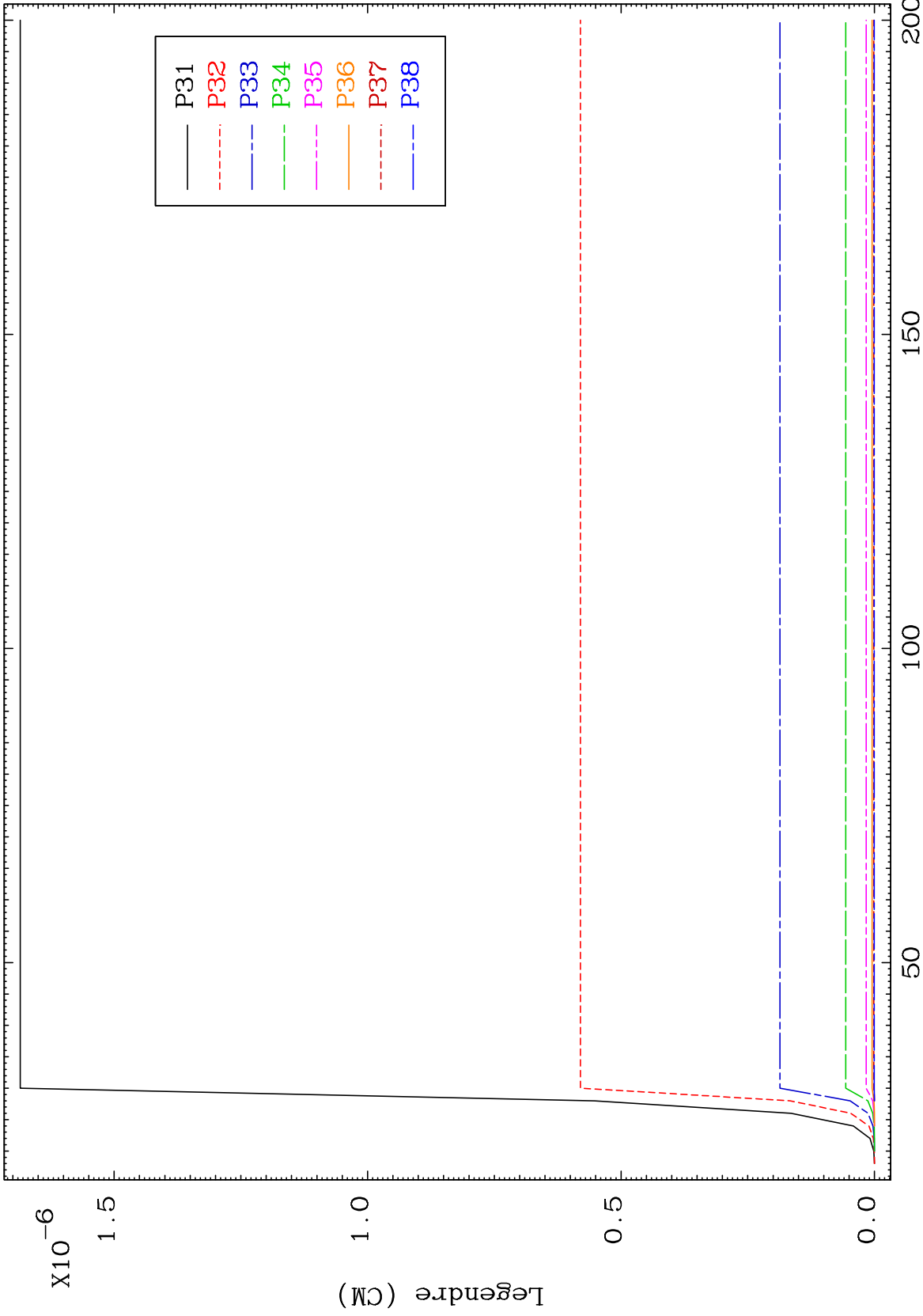
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211

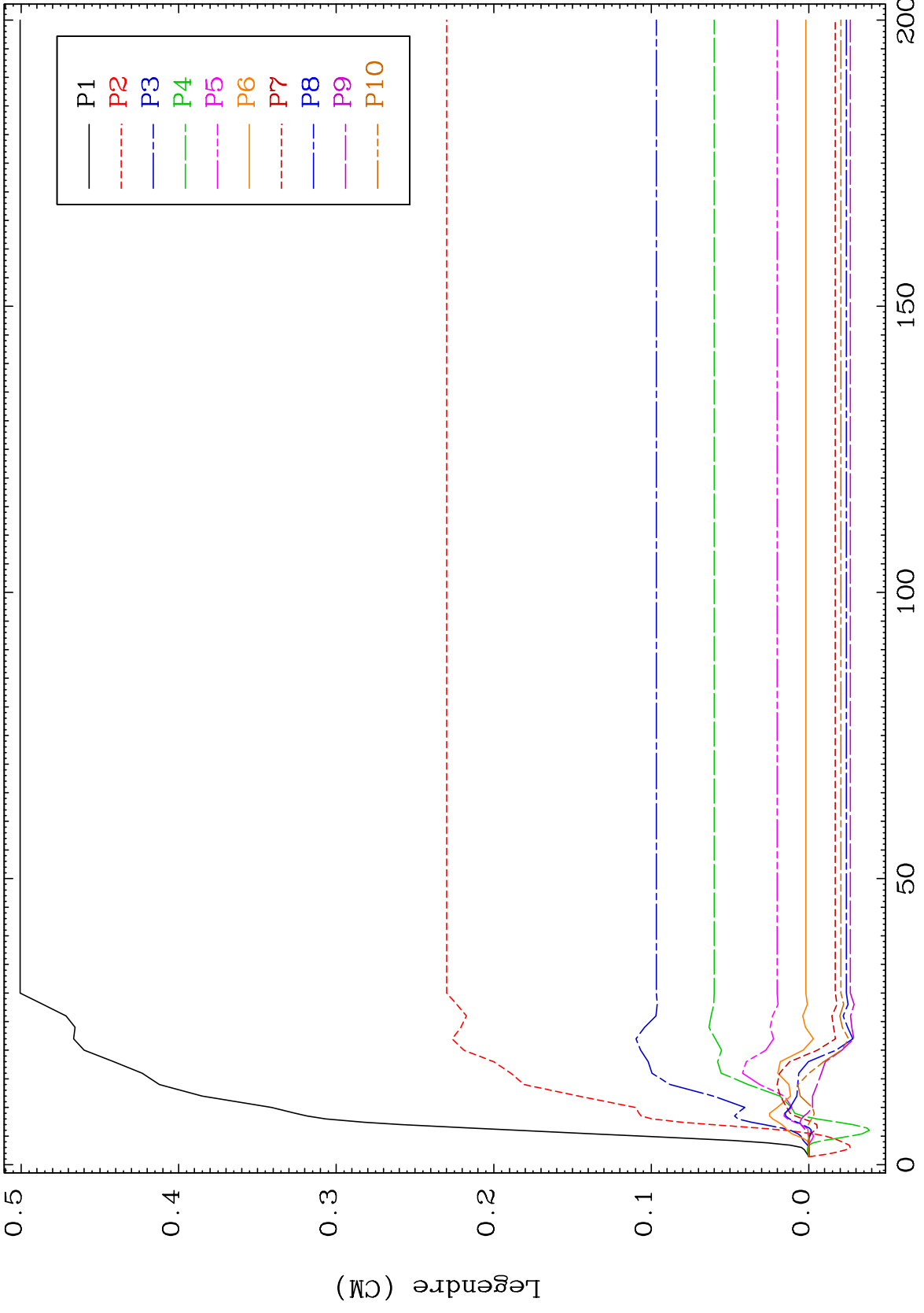


59

Incident Energy (MeV)

82-Pb-211

MAT 8246 MT= 61 (n,n') Level Legendre Coefficients 82-Pb-211

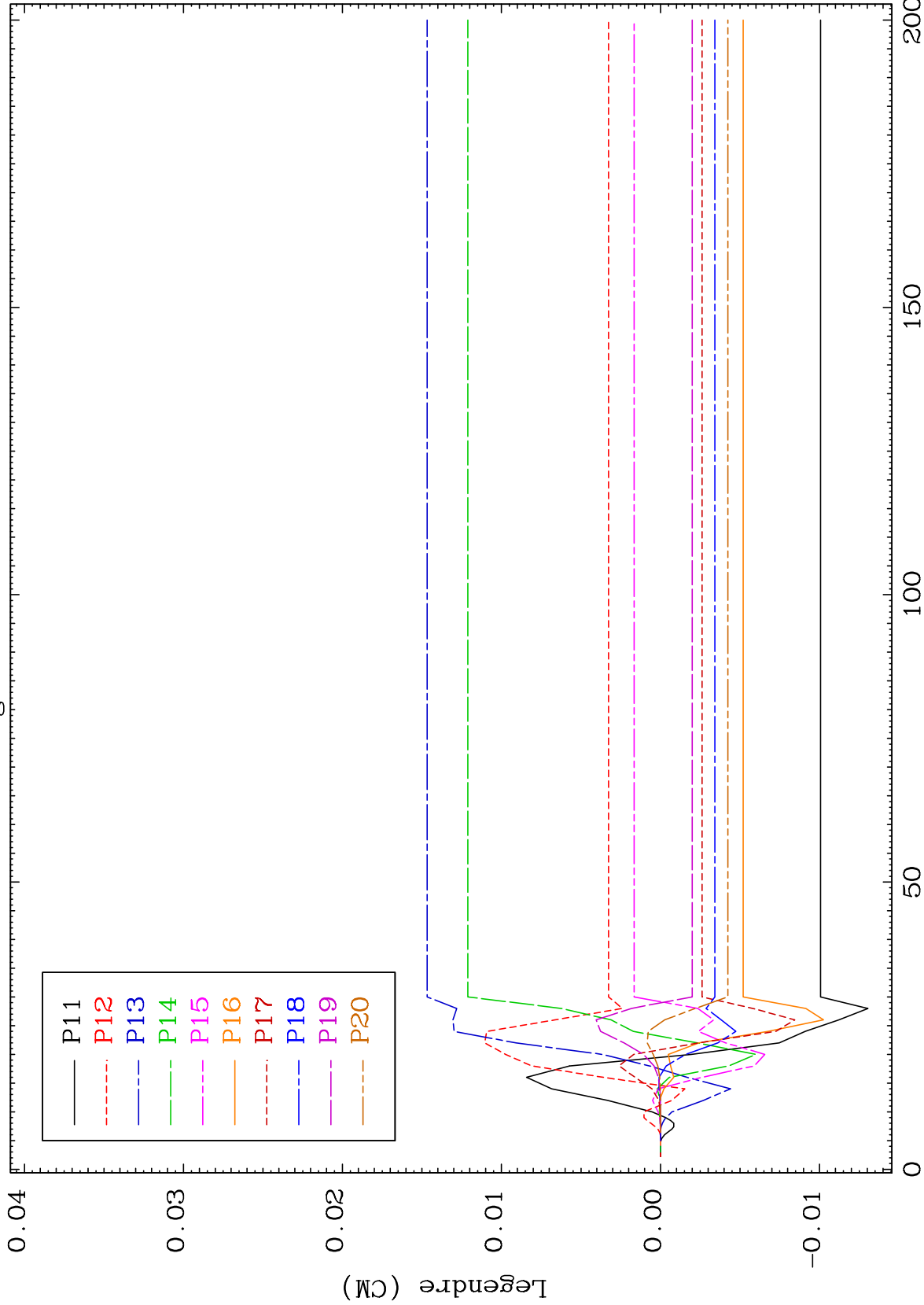


82-Pb-211

MAT 8246

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

82-Pb-211



61

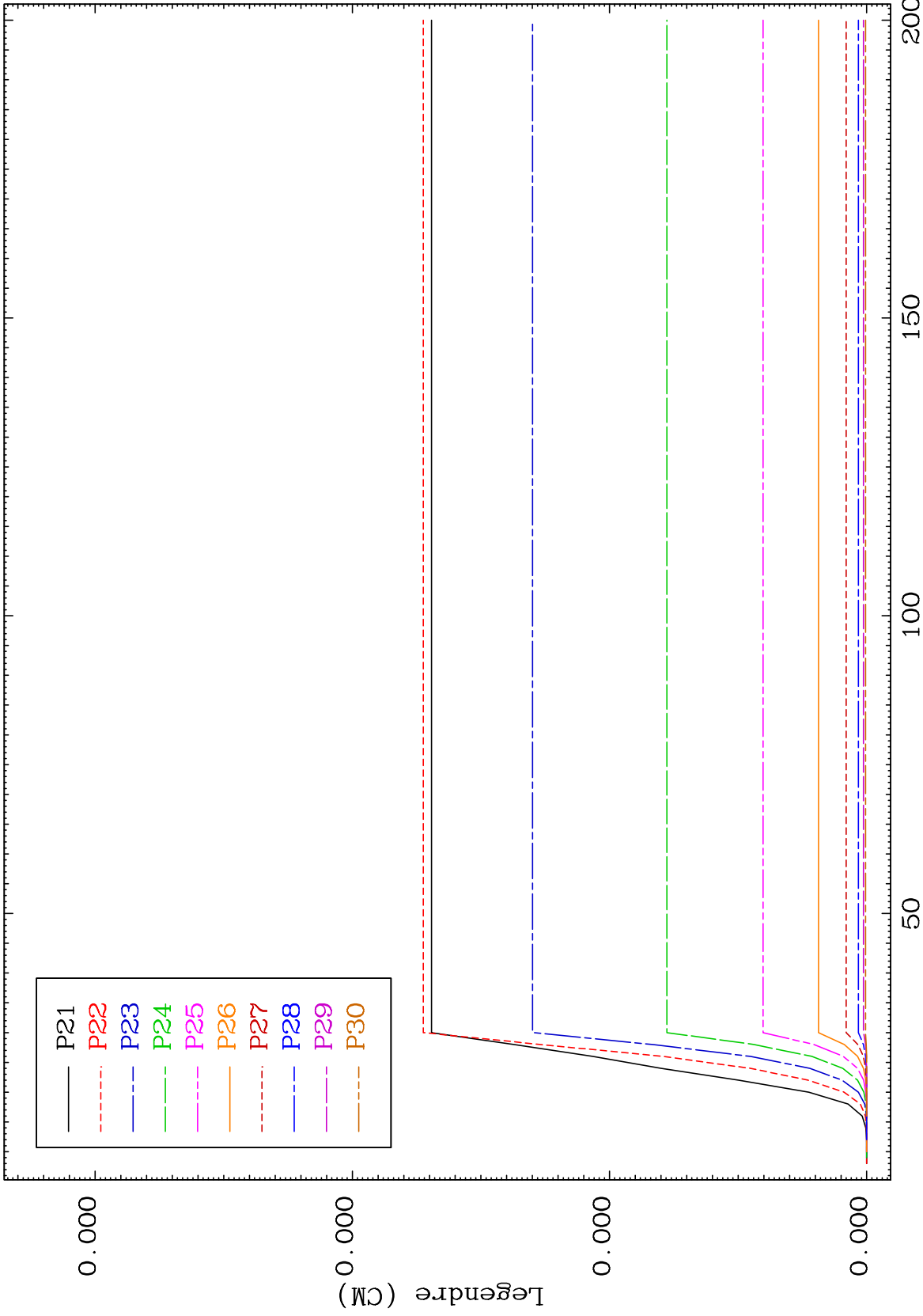
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



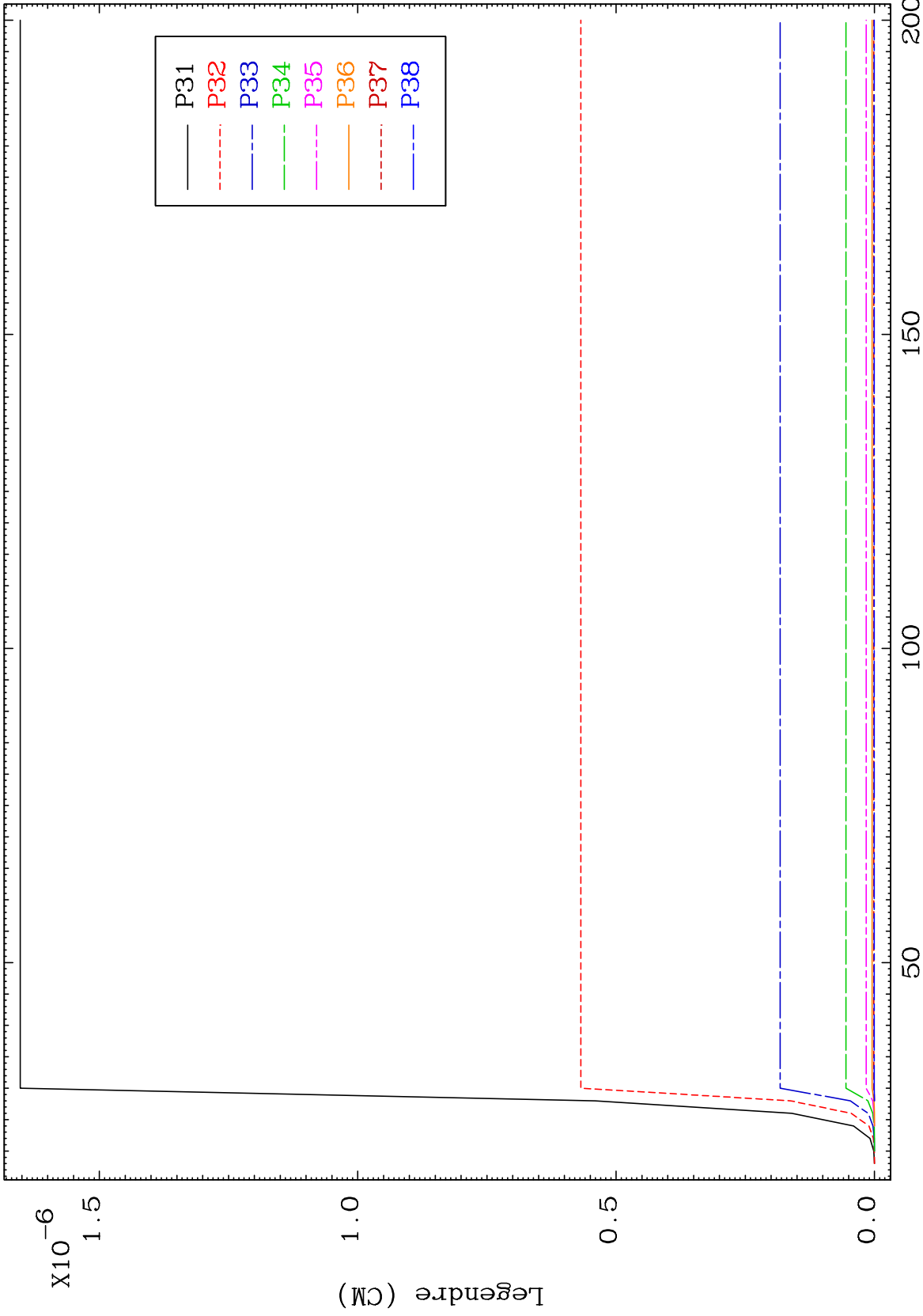
62

82-Pb-211

MAT 8246

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

82-Pb-211



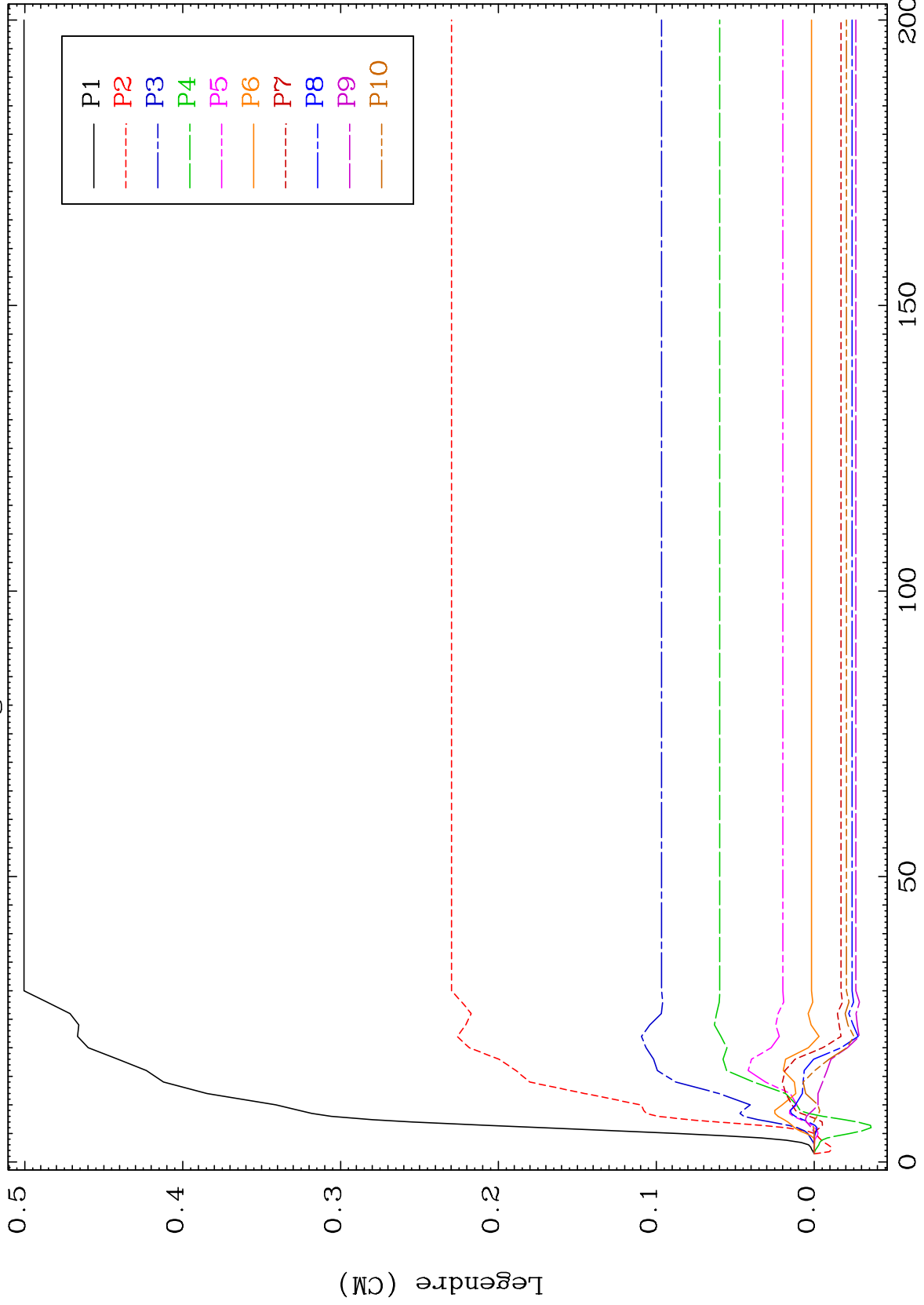
63

82-Pb-211

MAT 8246

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

82-Pb-211



64

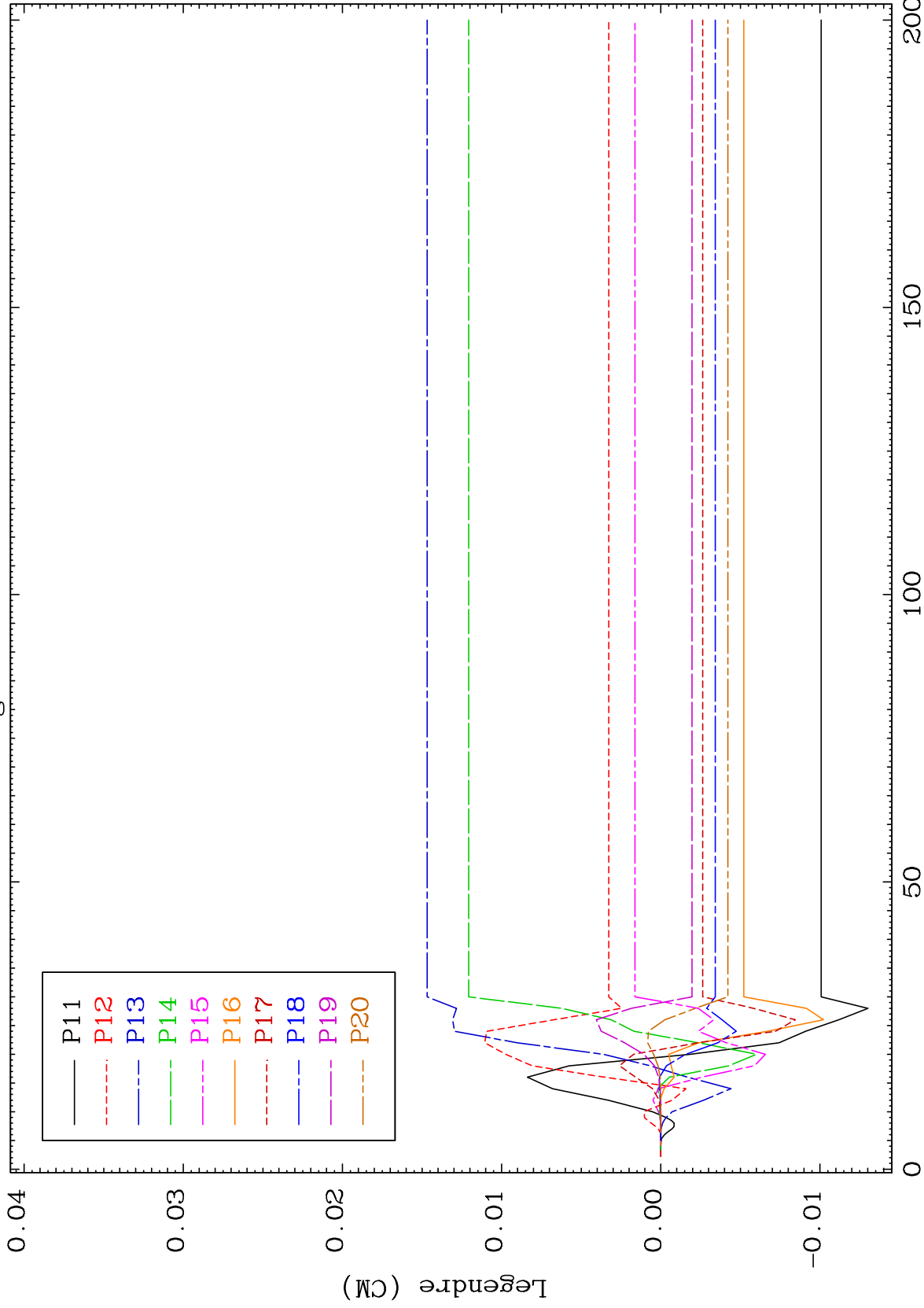
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



65

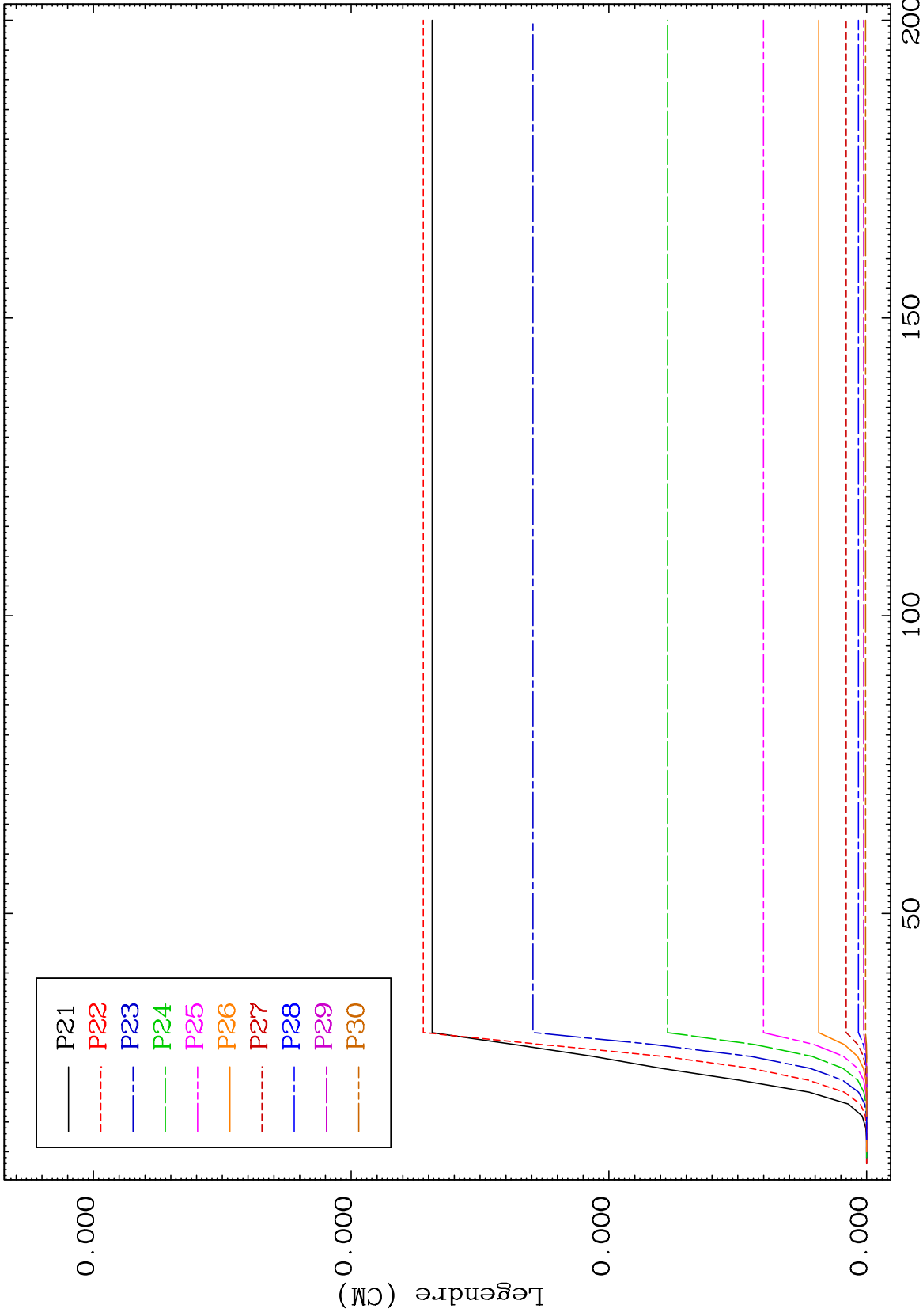
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

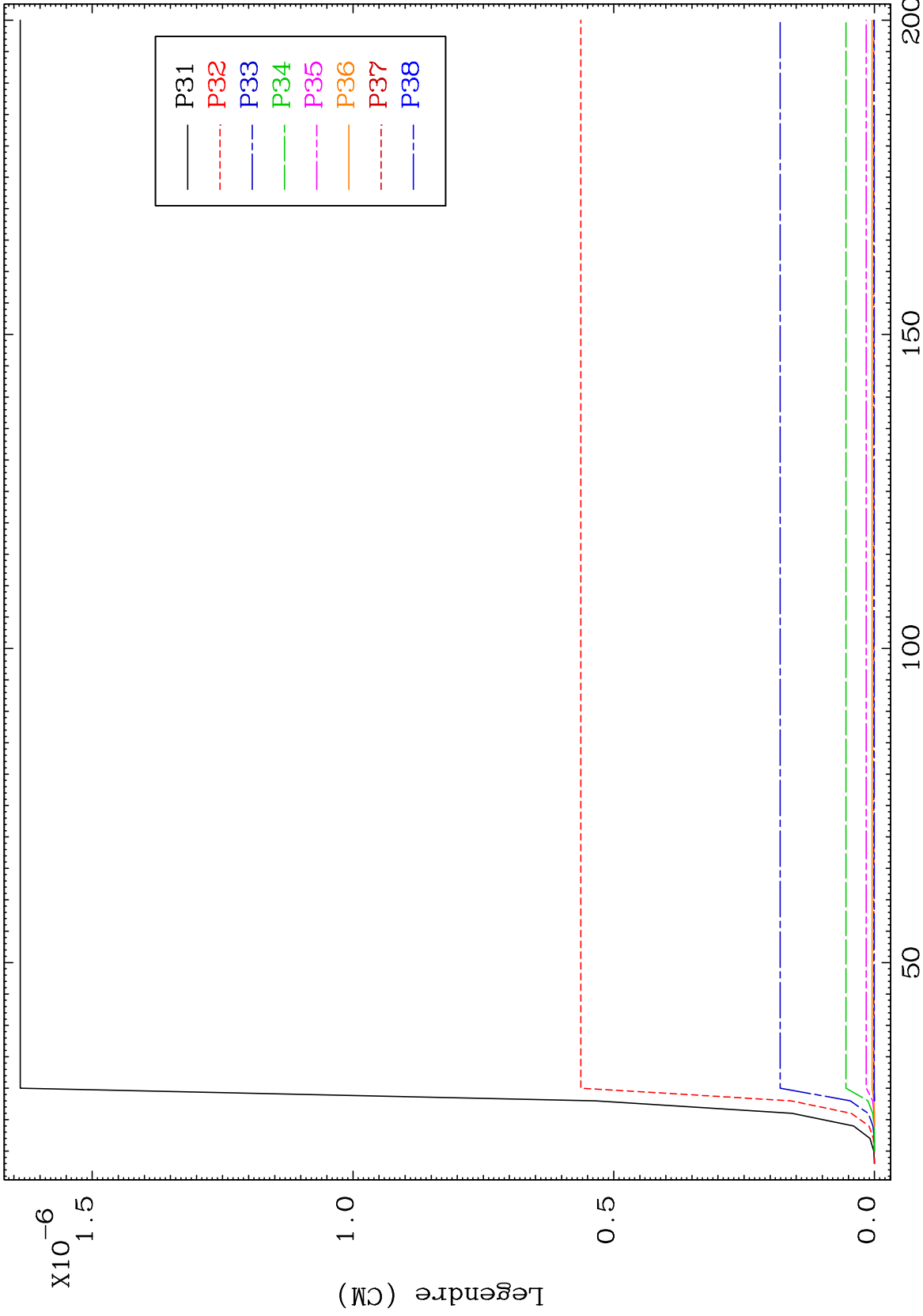
82-Pb-211



MAT 8246

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

82-Pb-211



67

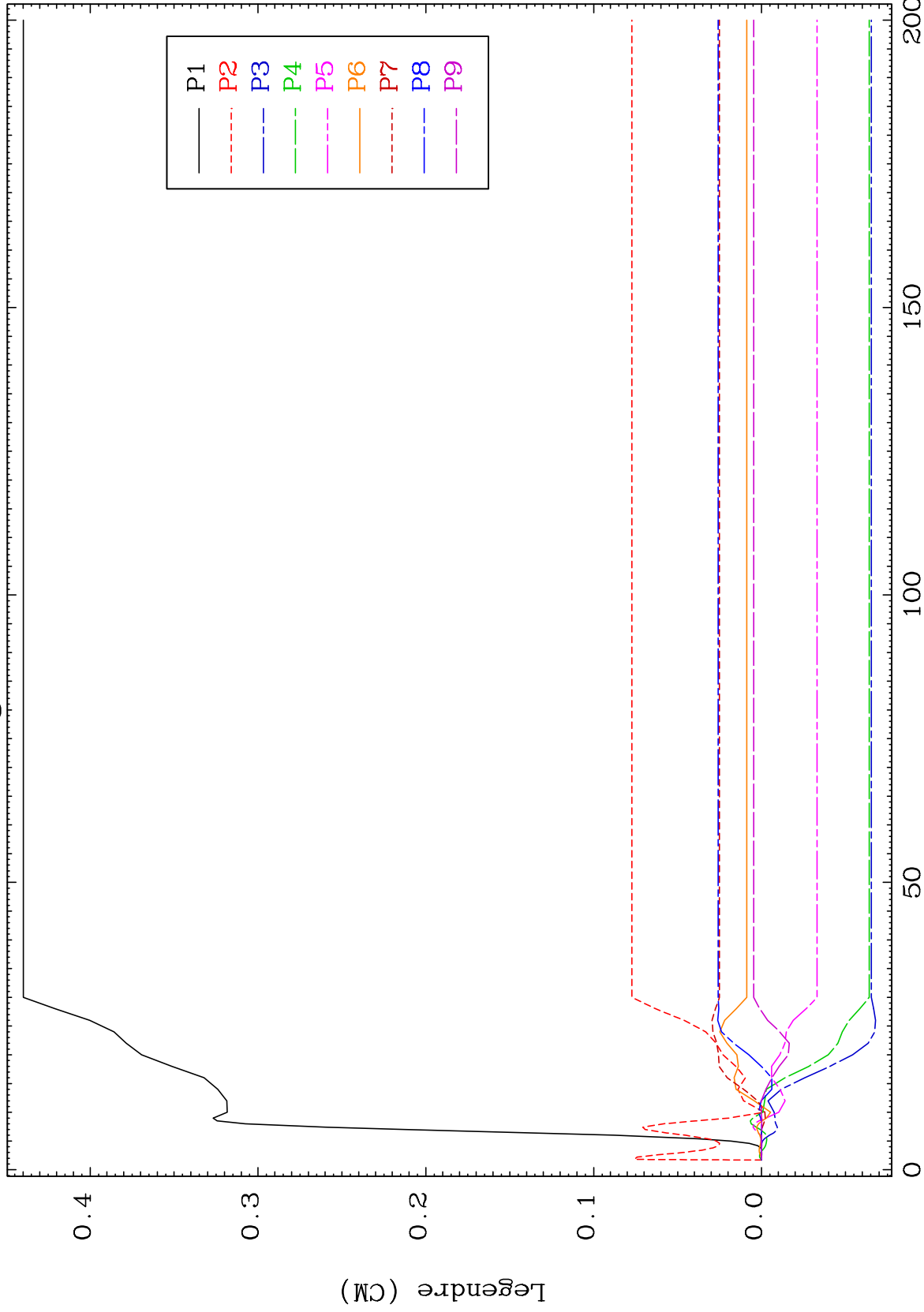
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



68

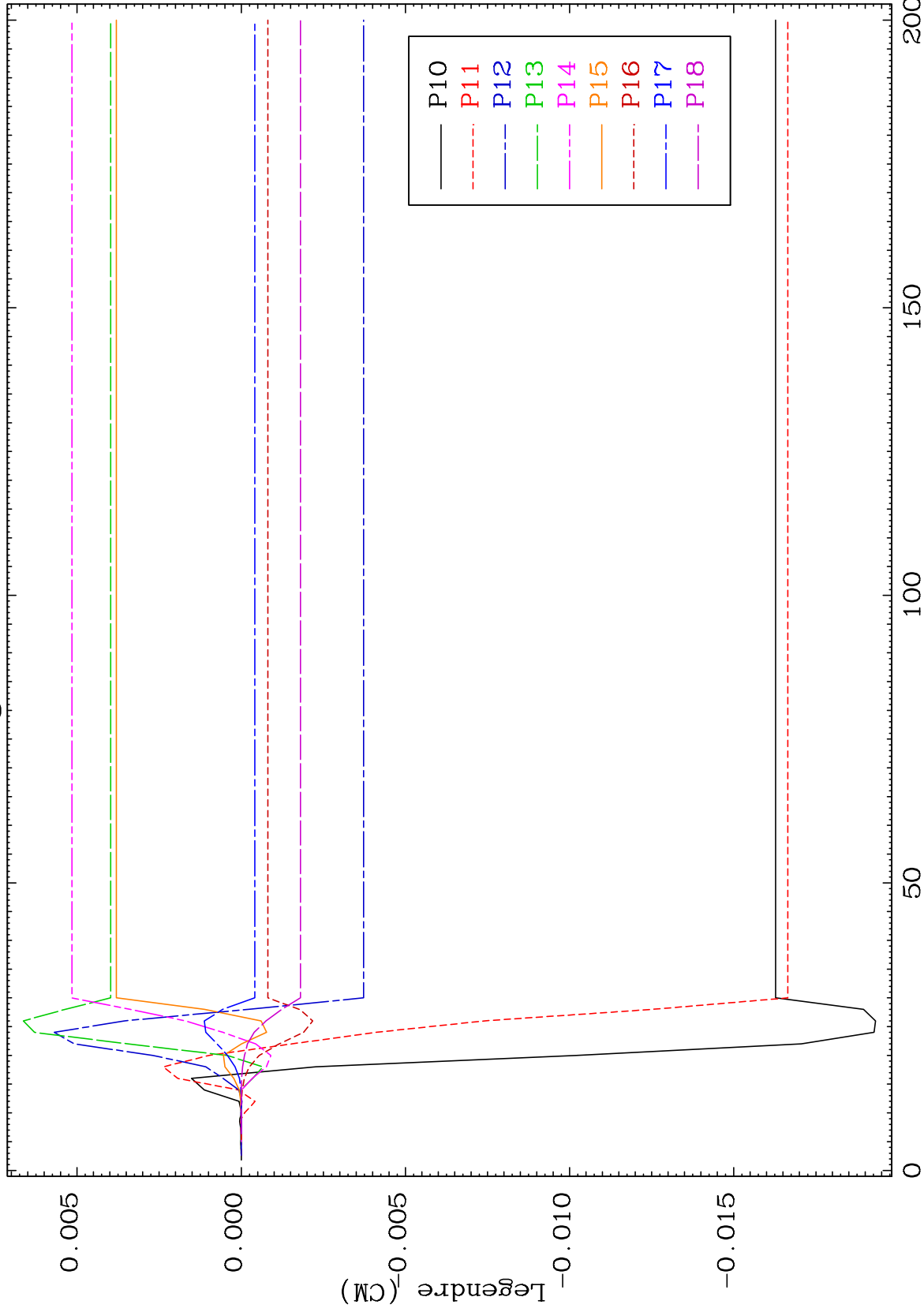
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



69

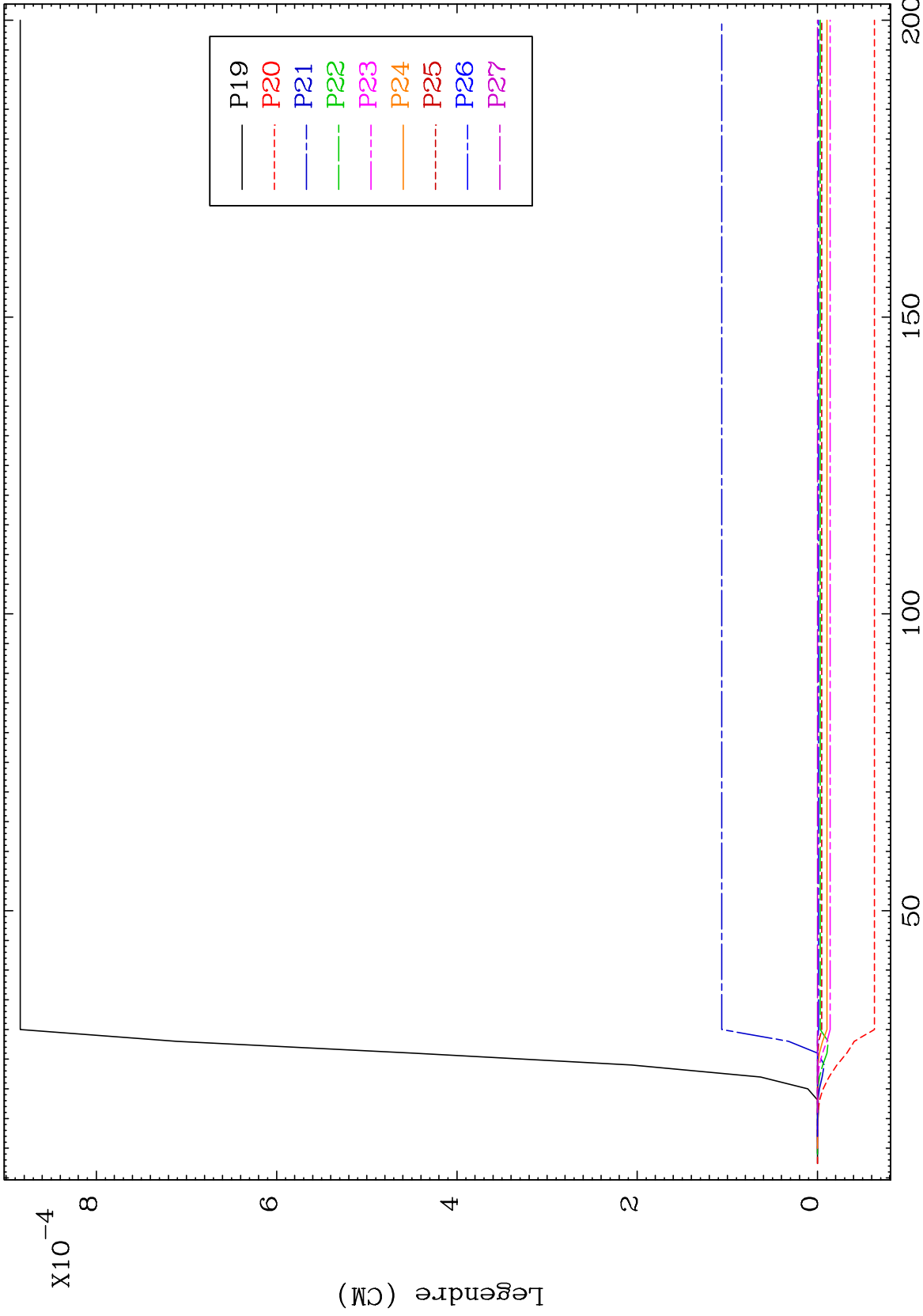
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



70

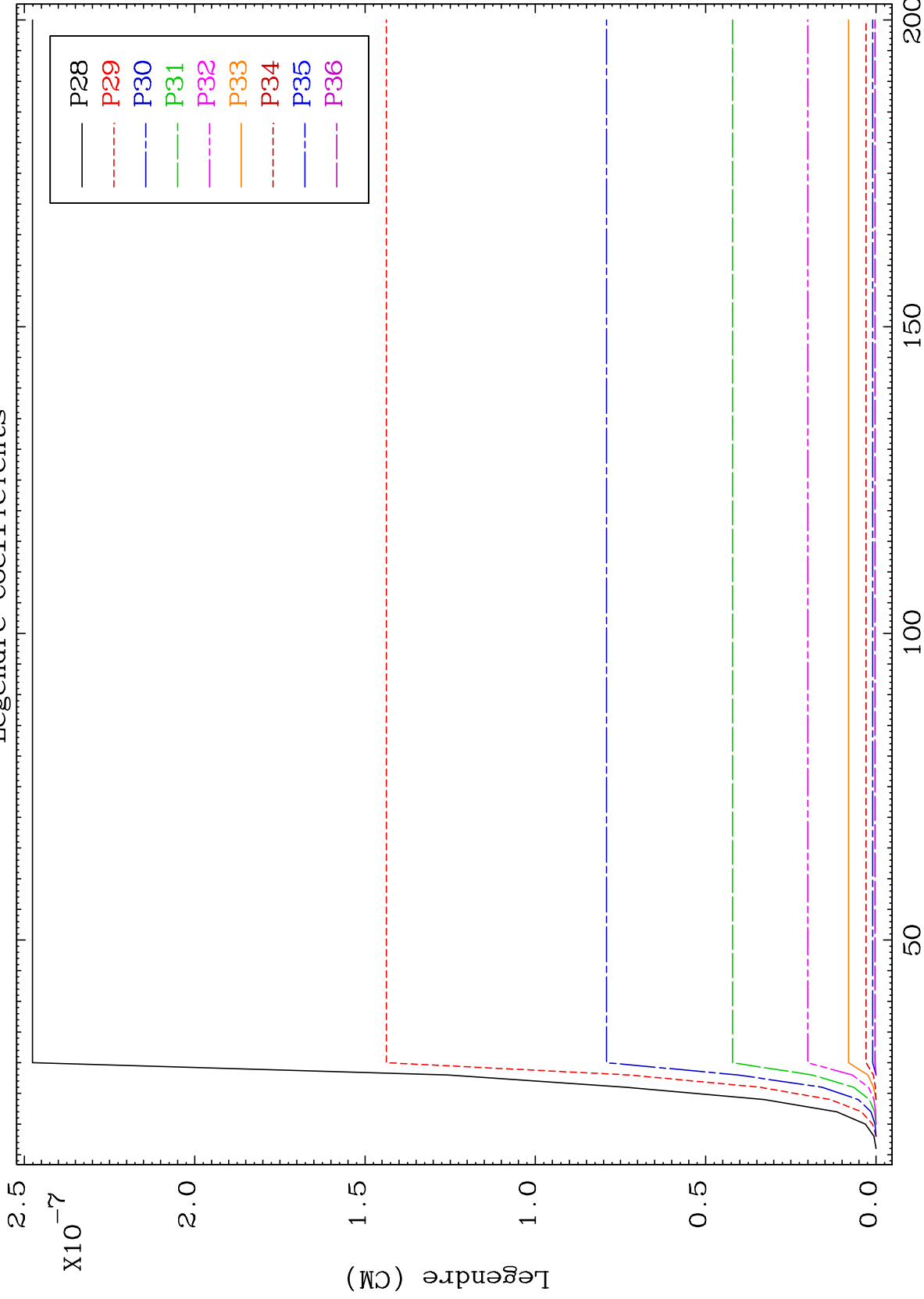
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



71

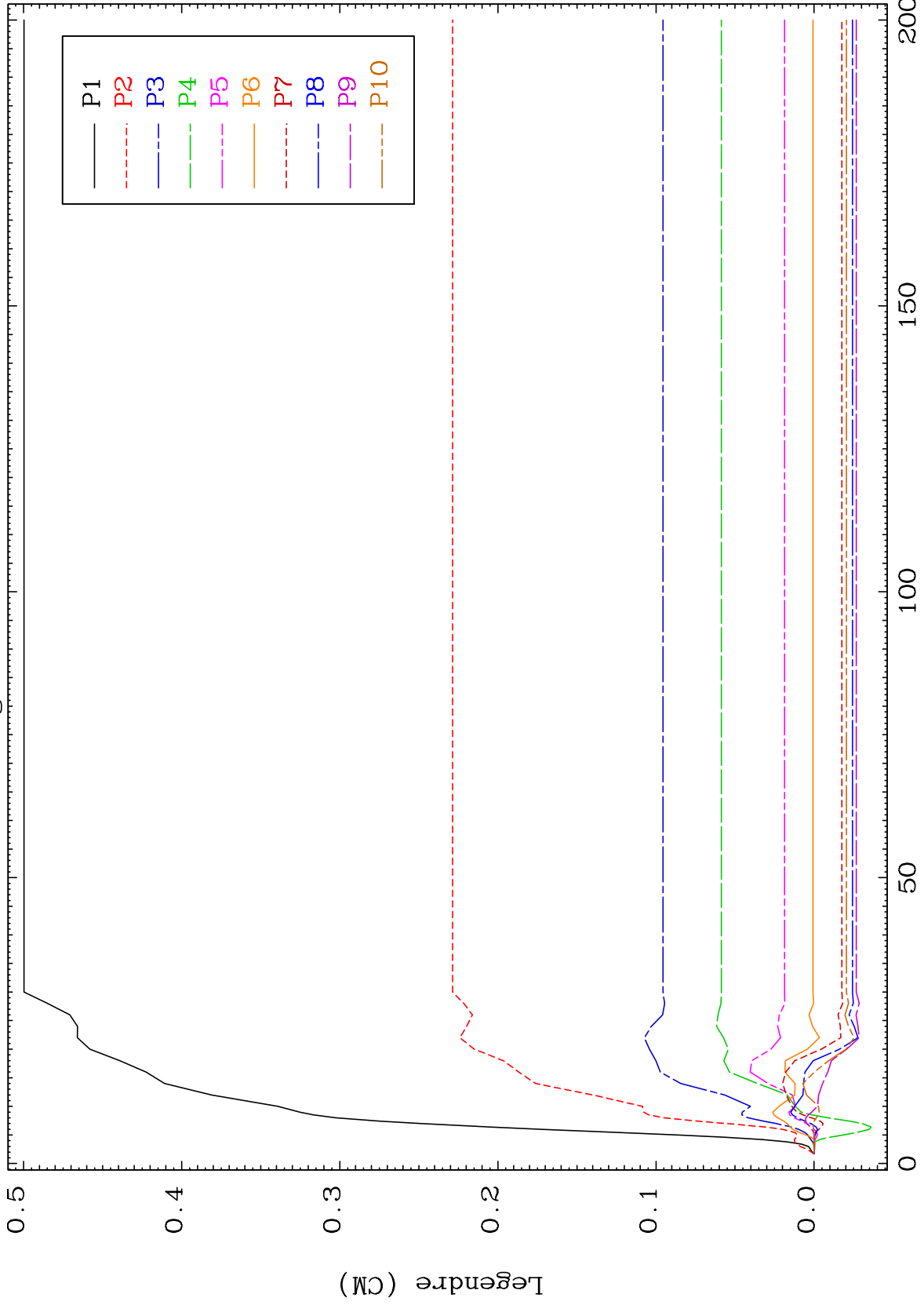
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



72

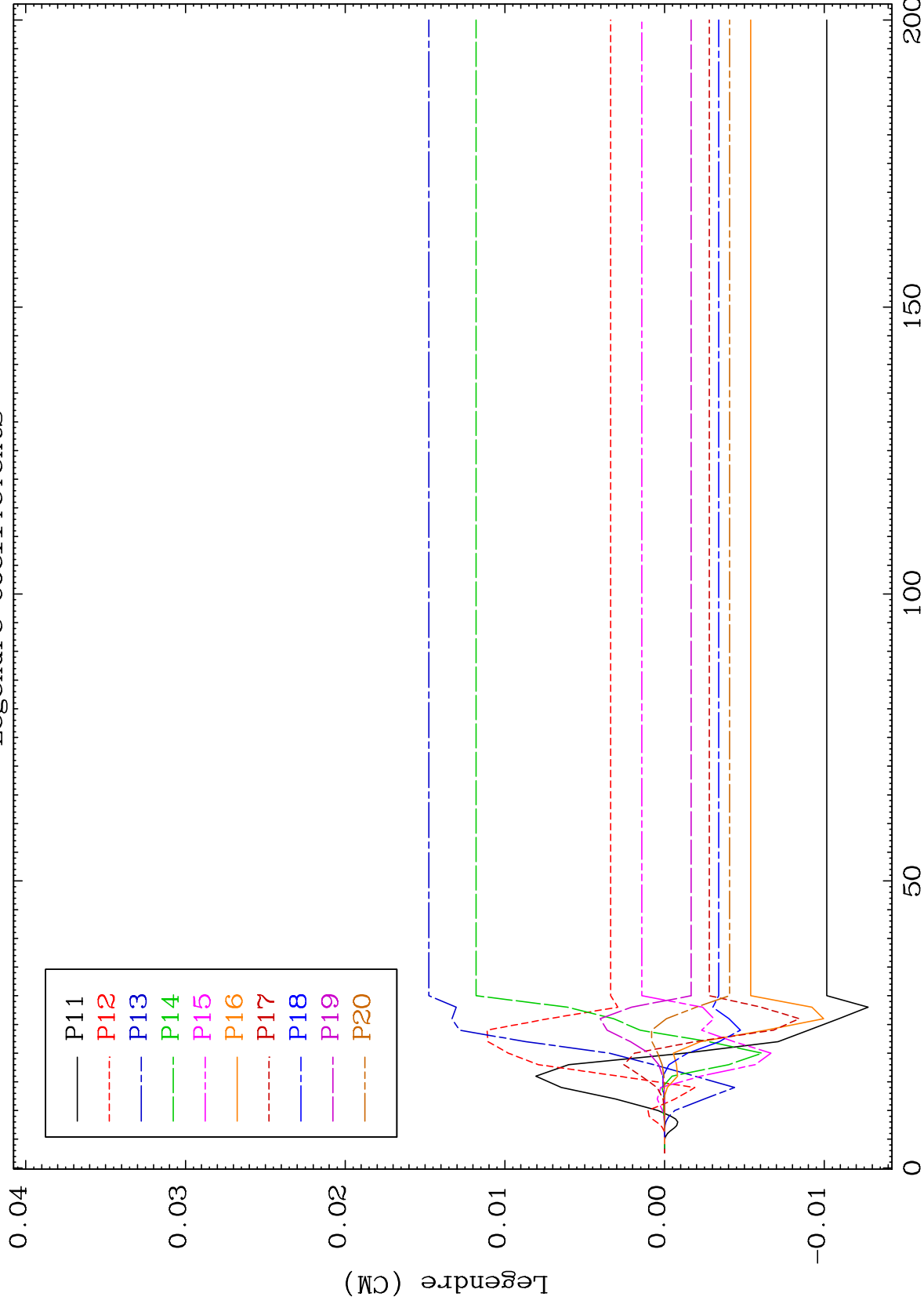
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



73

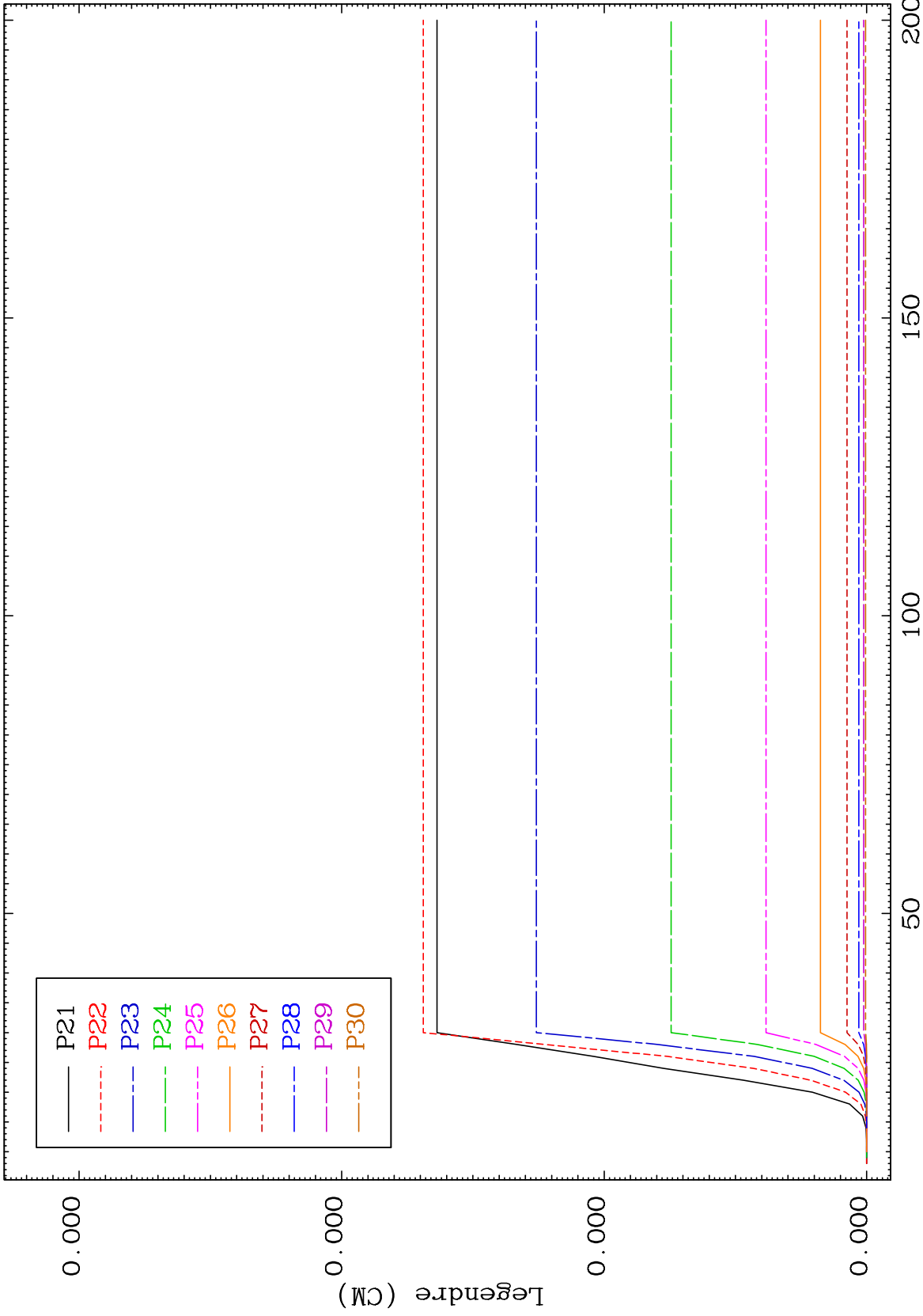
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



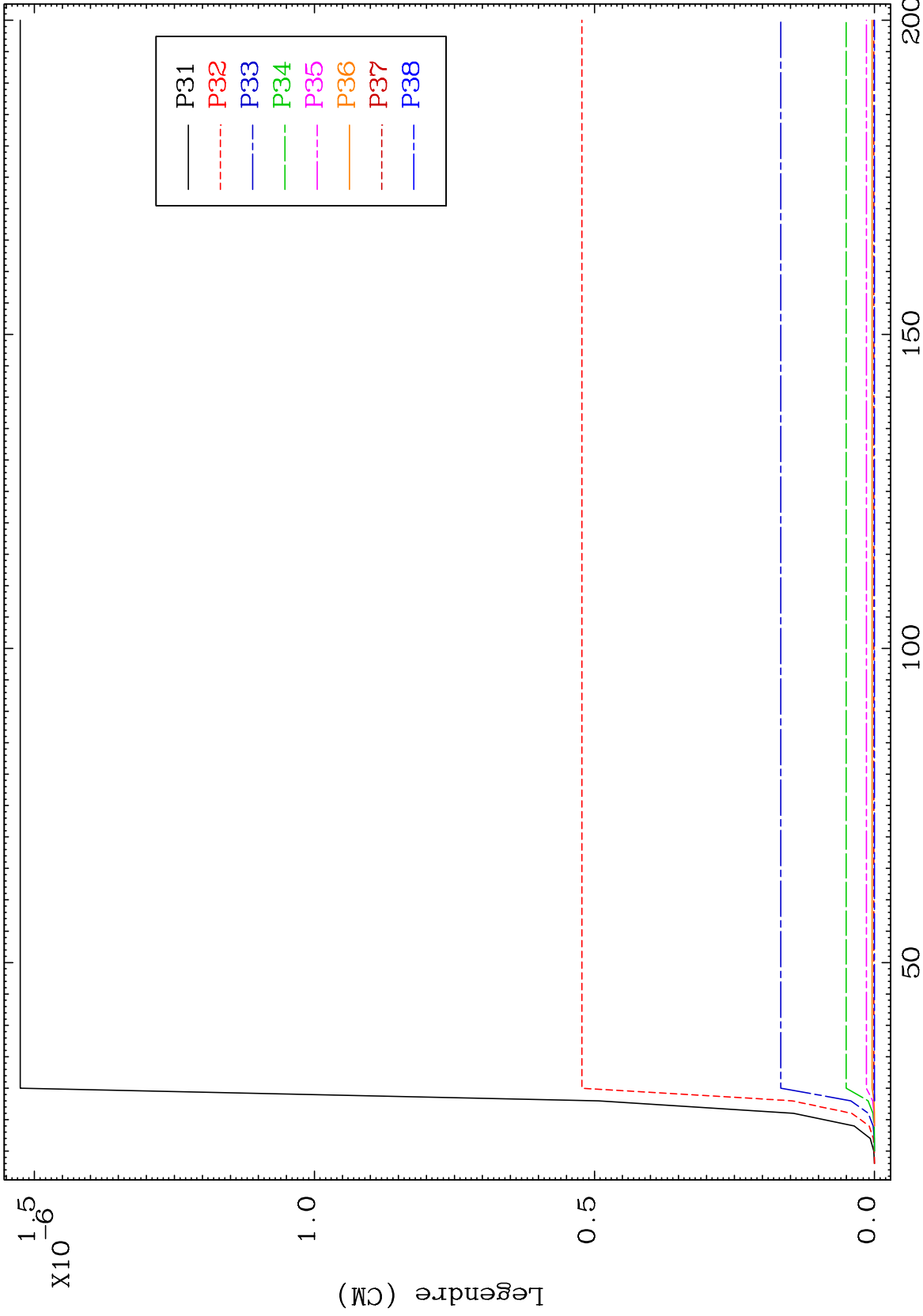
74

82-Pb-211

MAT 8246

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

82-Pb-211



75

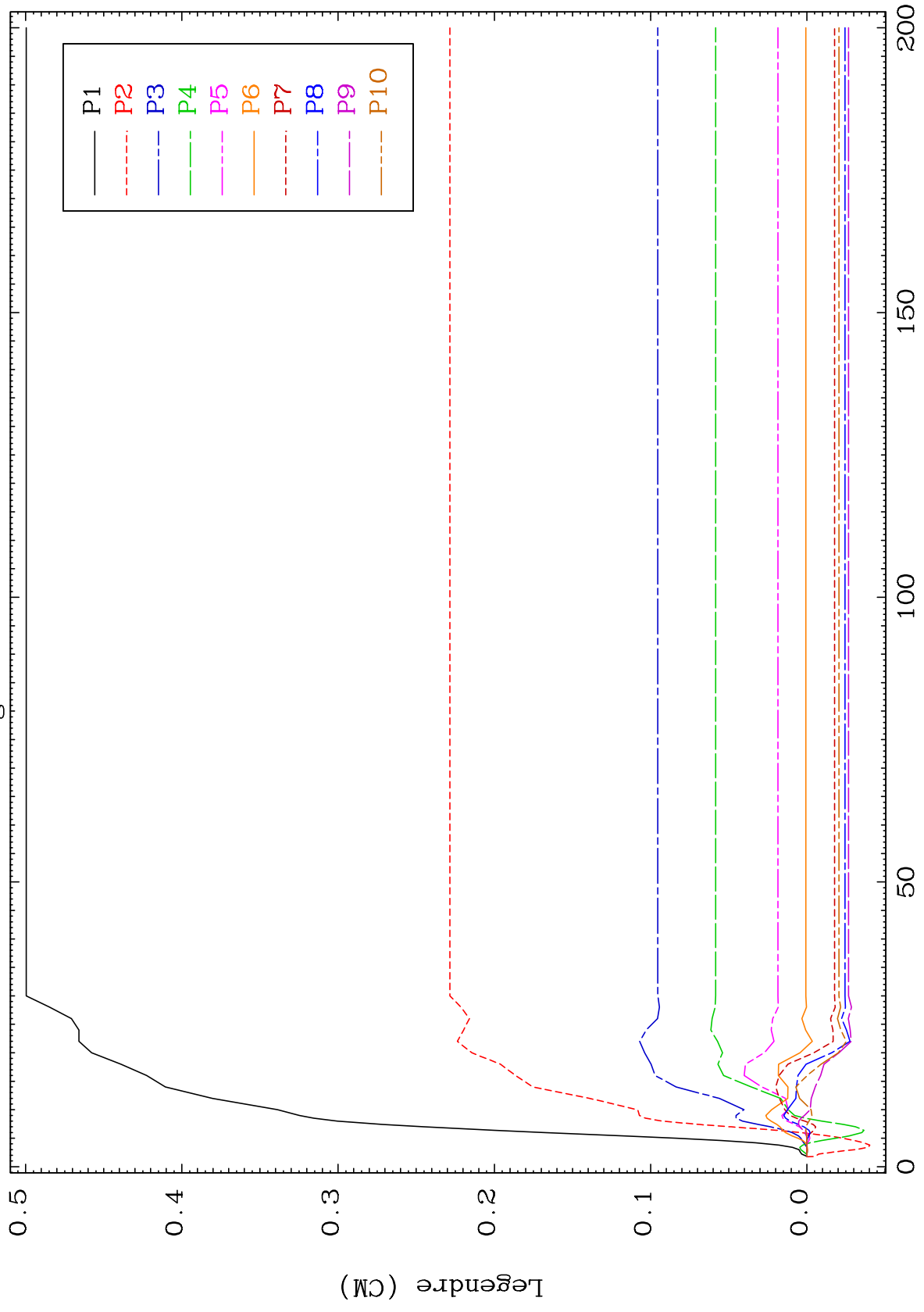
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



76

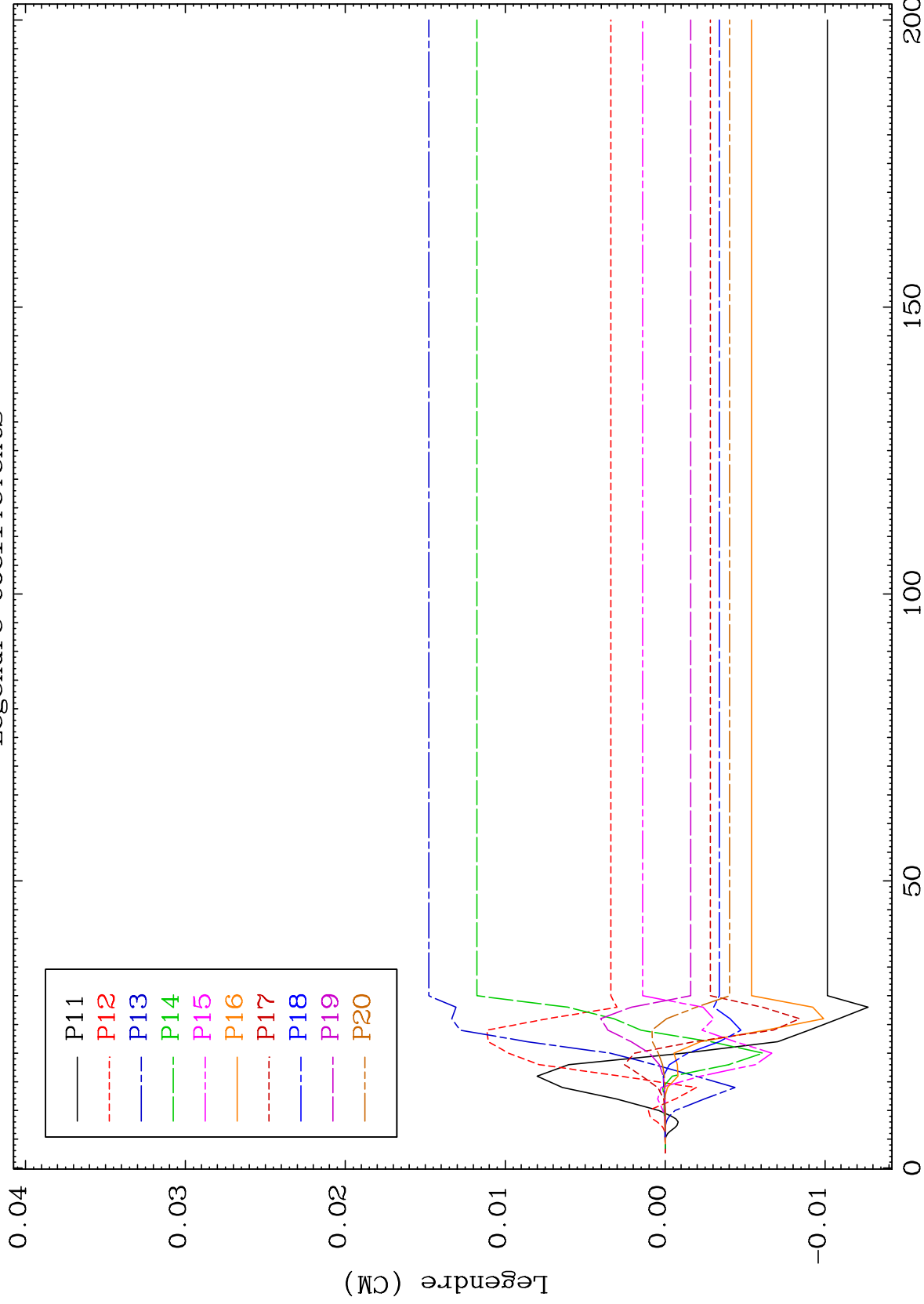
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



77

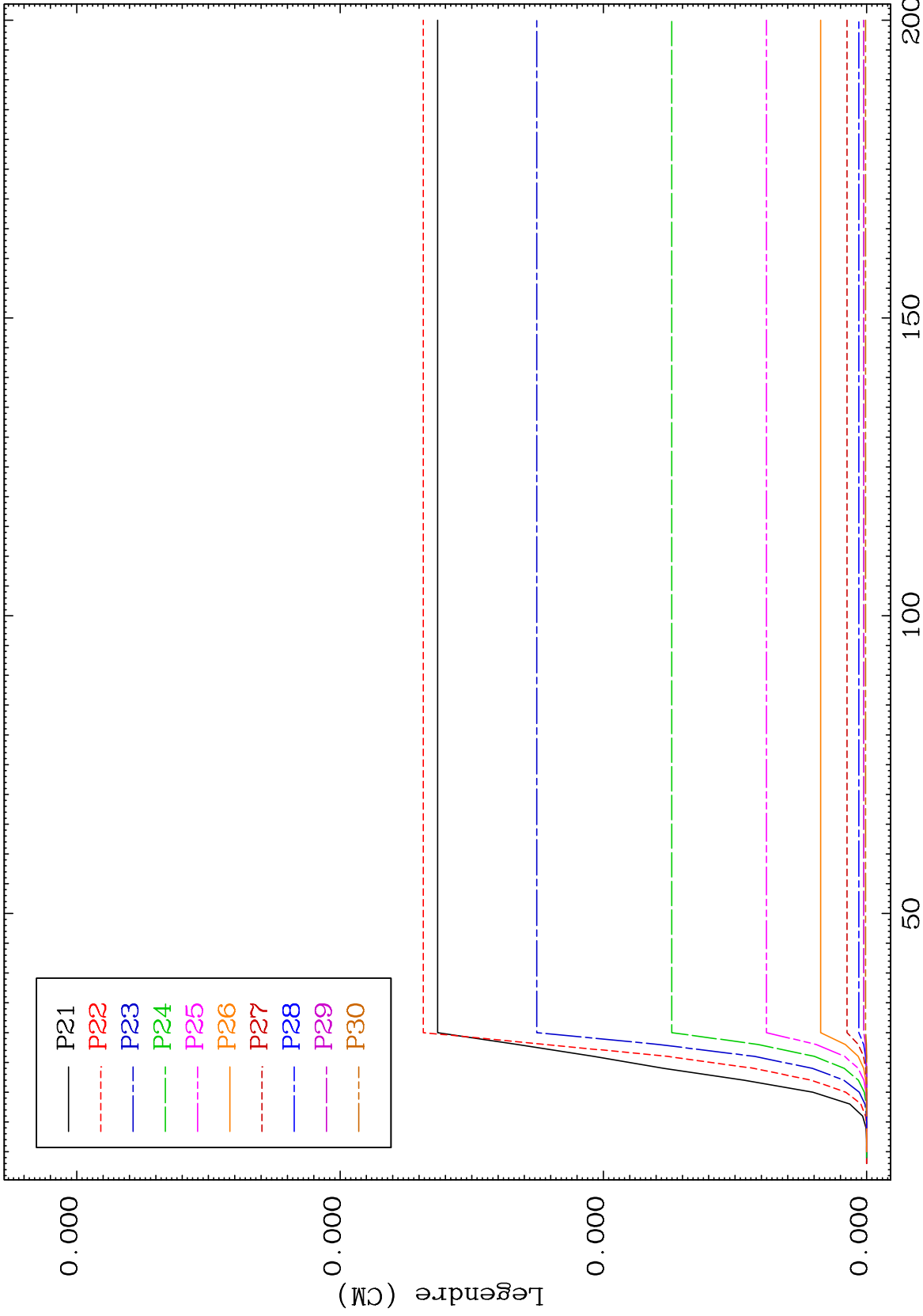
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



78

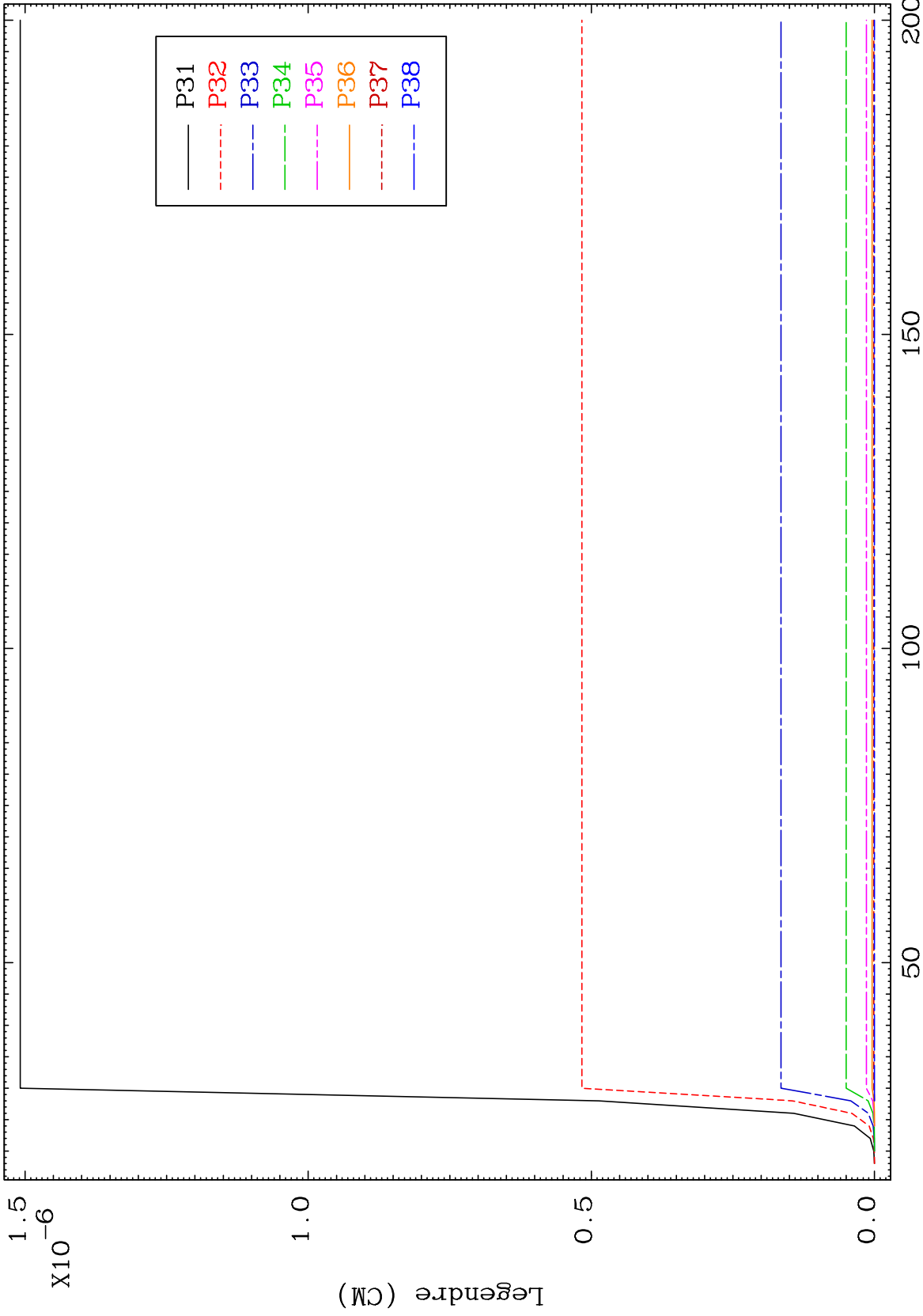
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



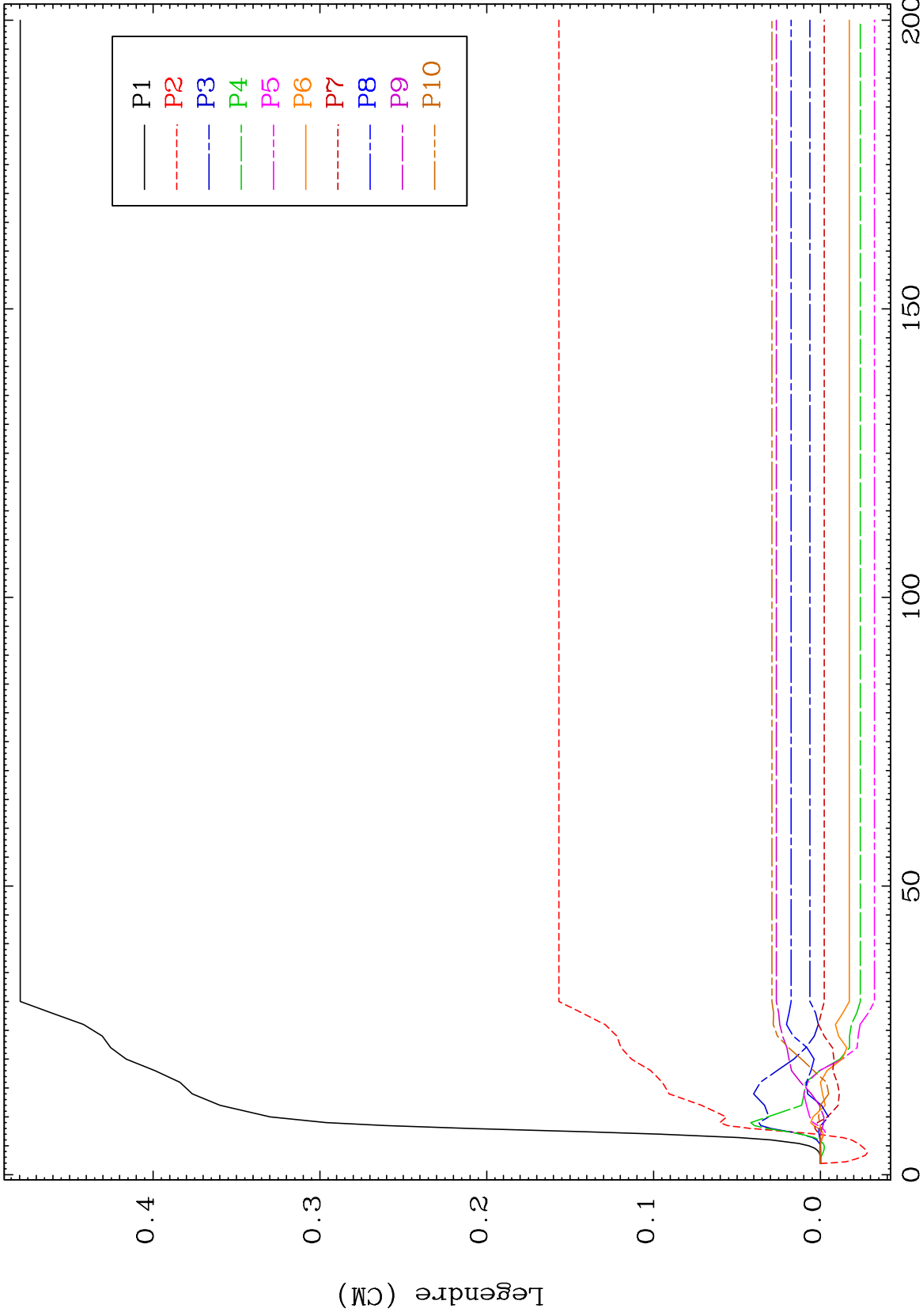
79

82-Pb-211

MAT 8246

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

82-Pb-211



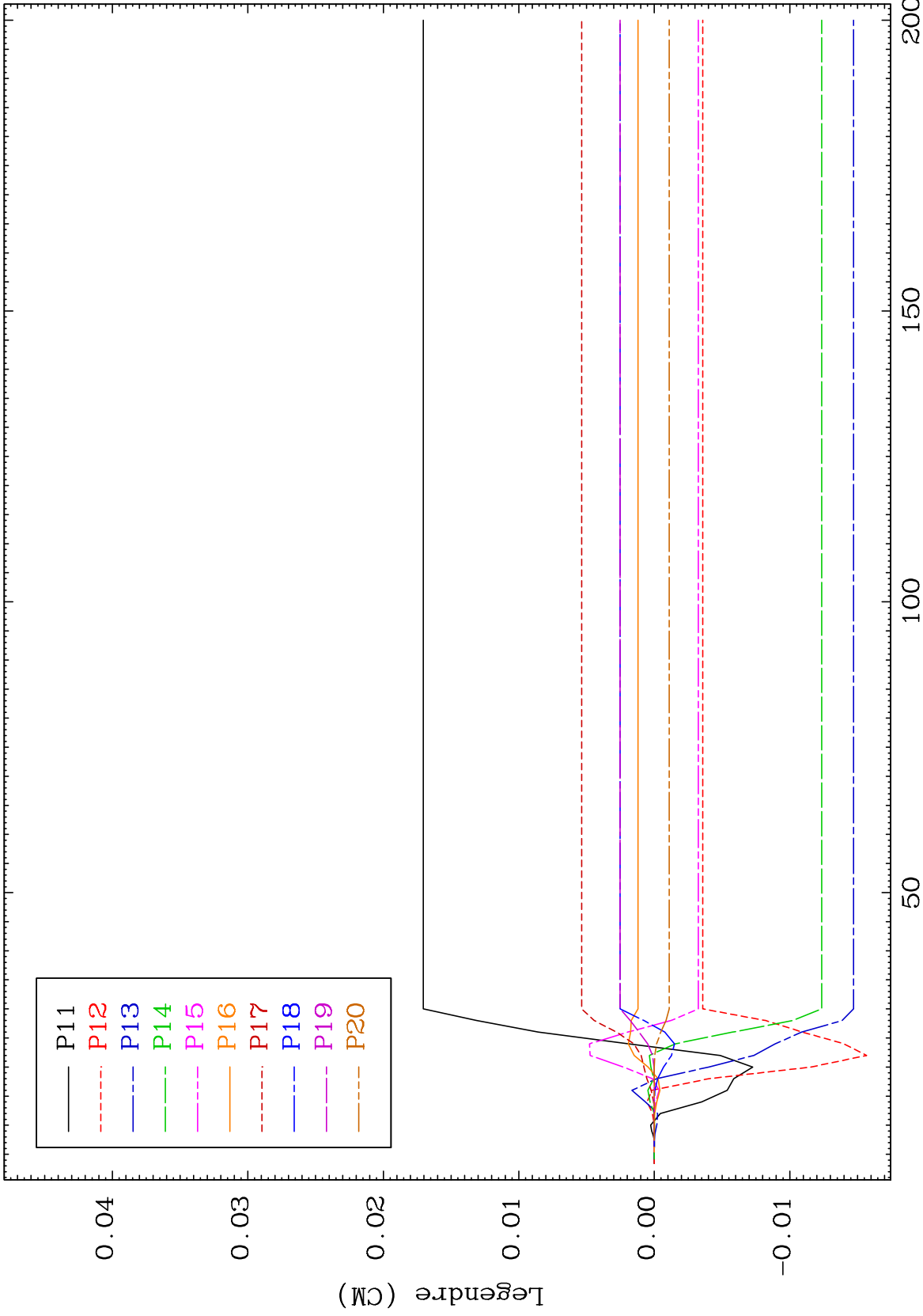
82-Pb-211

Incident Energy (MeV)

MAT 8246

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

82-Pb-211



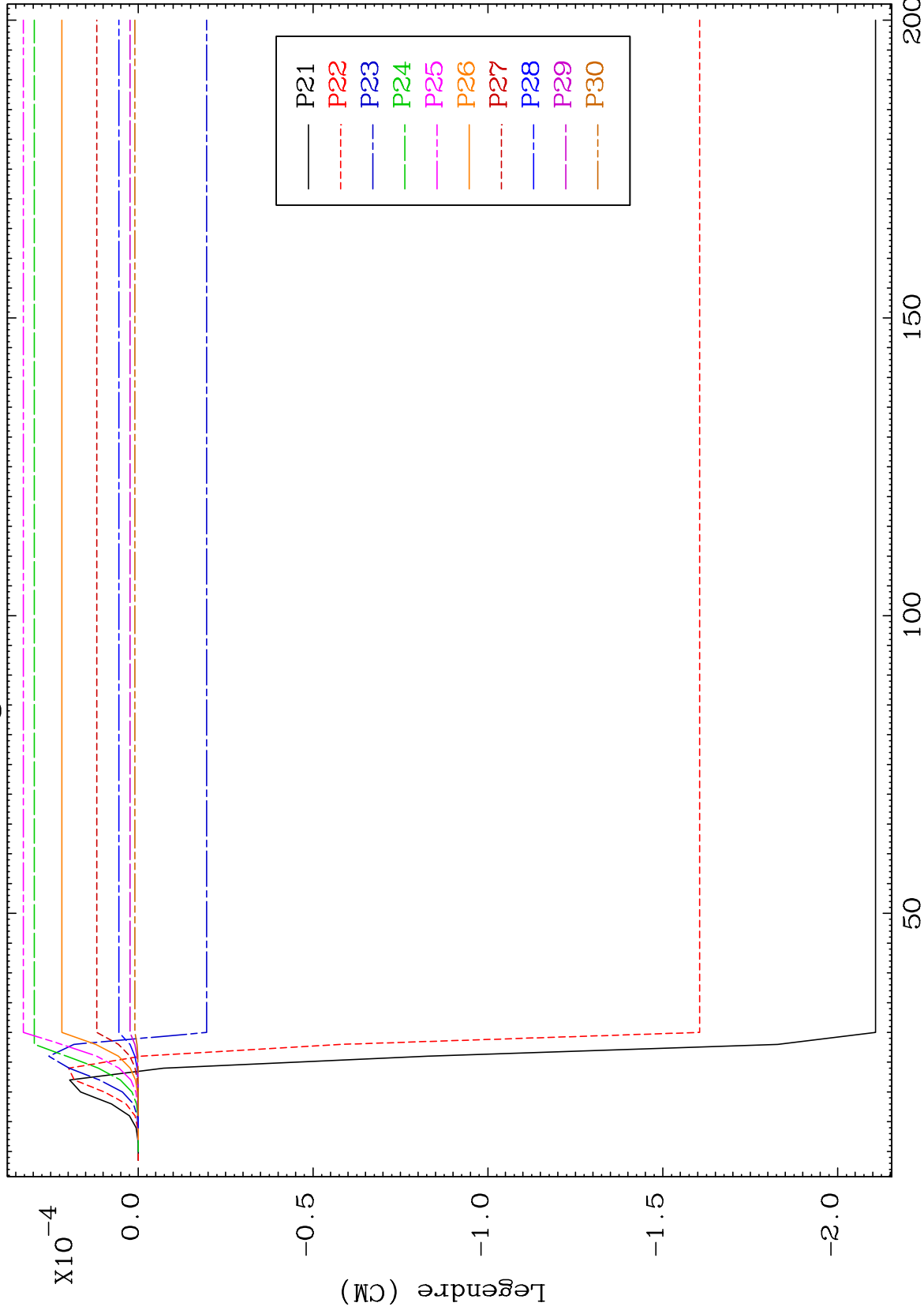
81

82-Pb-211

MAT 8246

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

82-Pb-211



82

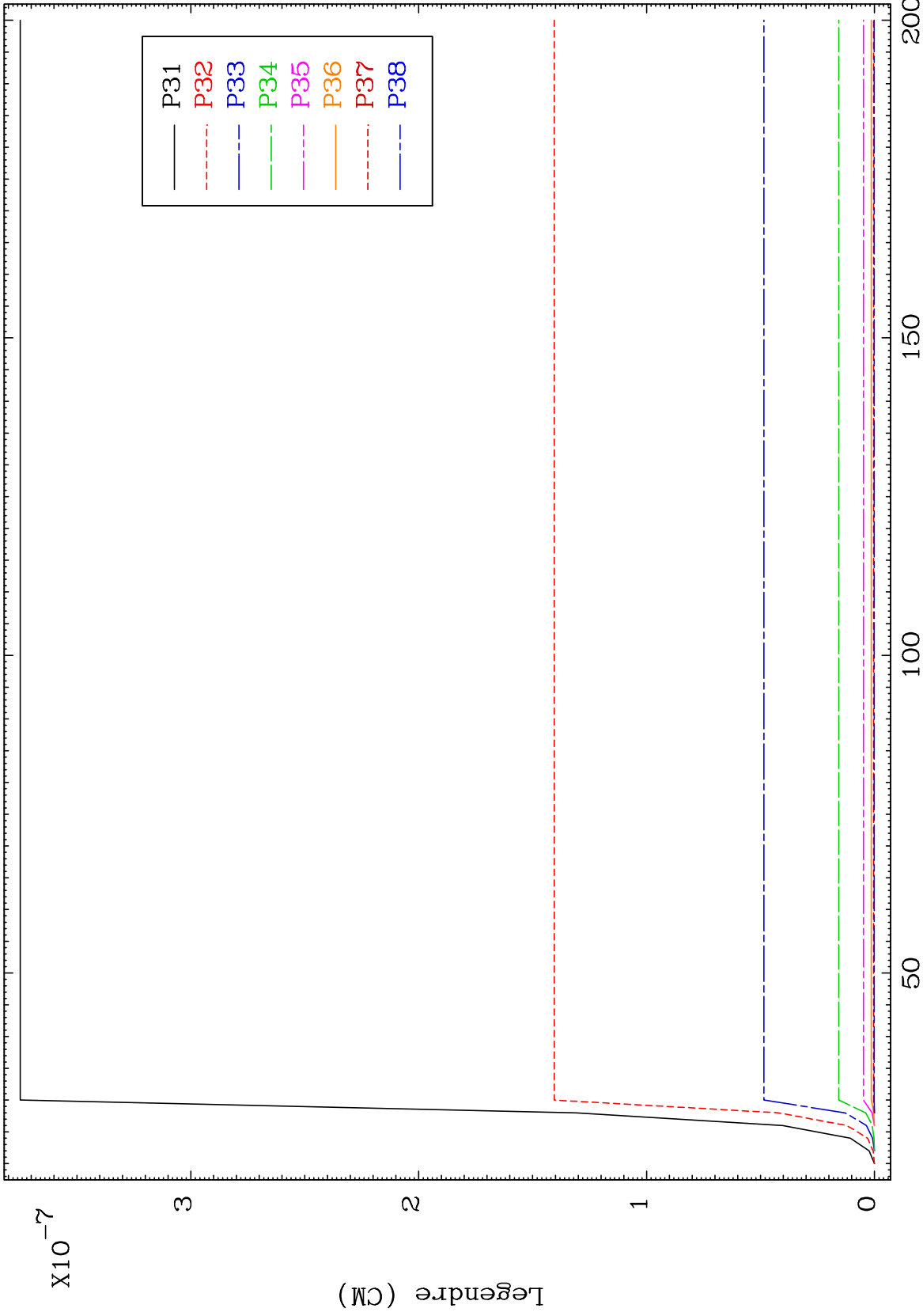
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



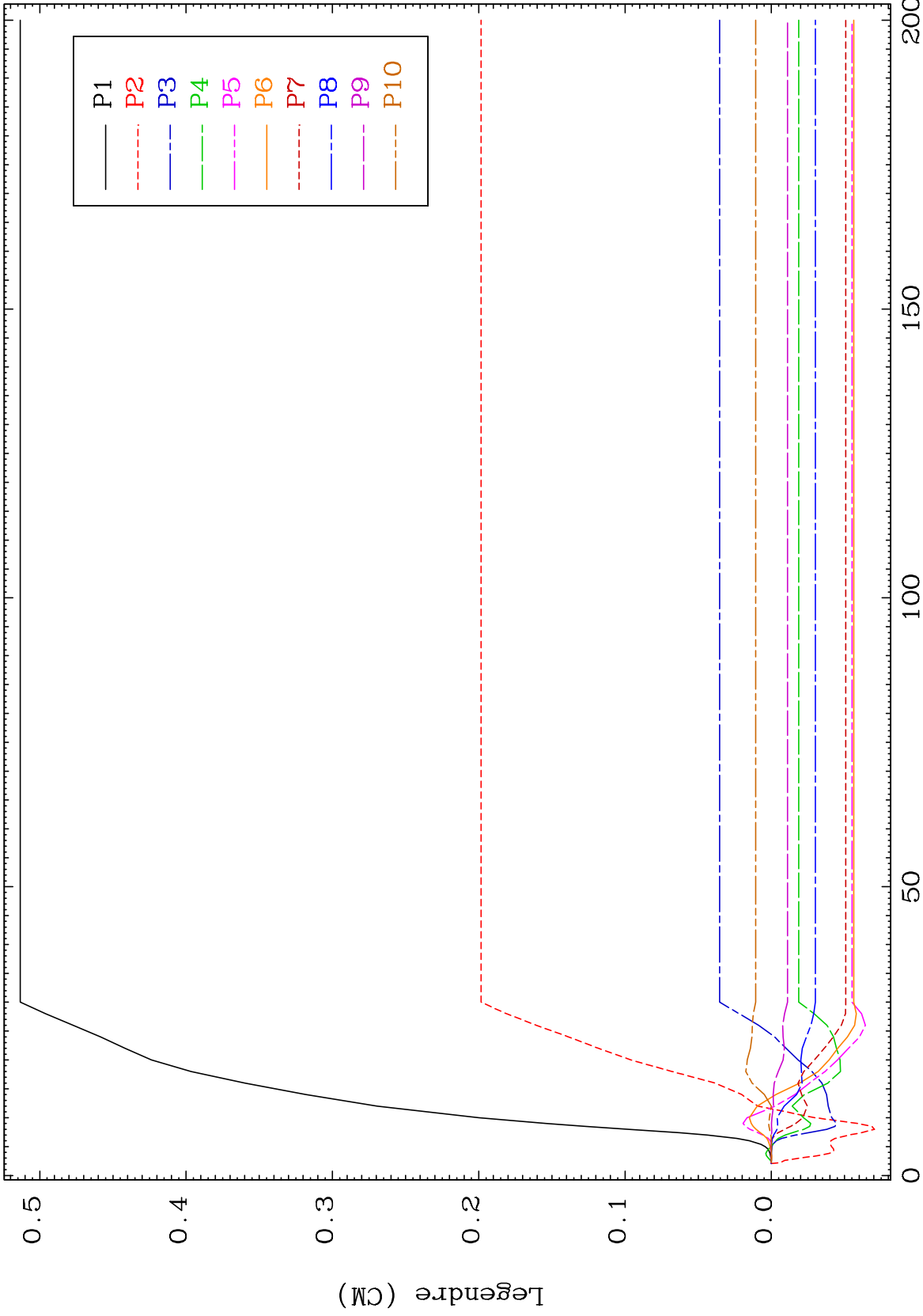
83

82-Pb-211

MAT 8246

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

82-Pb-211



84

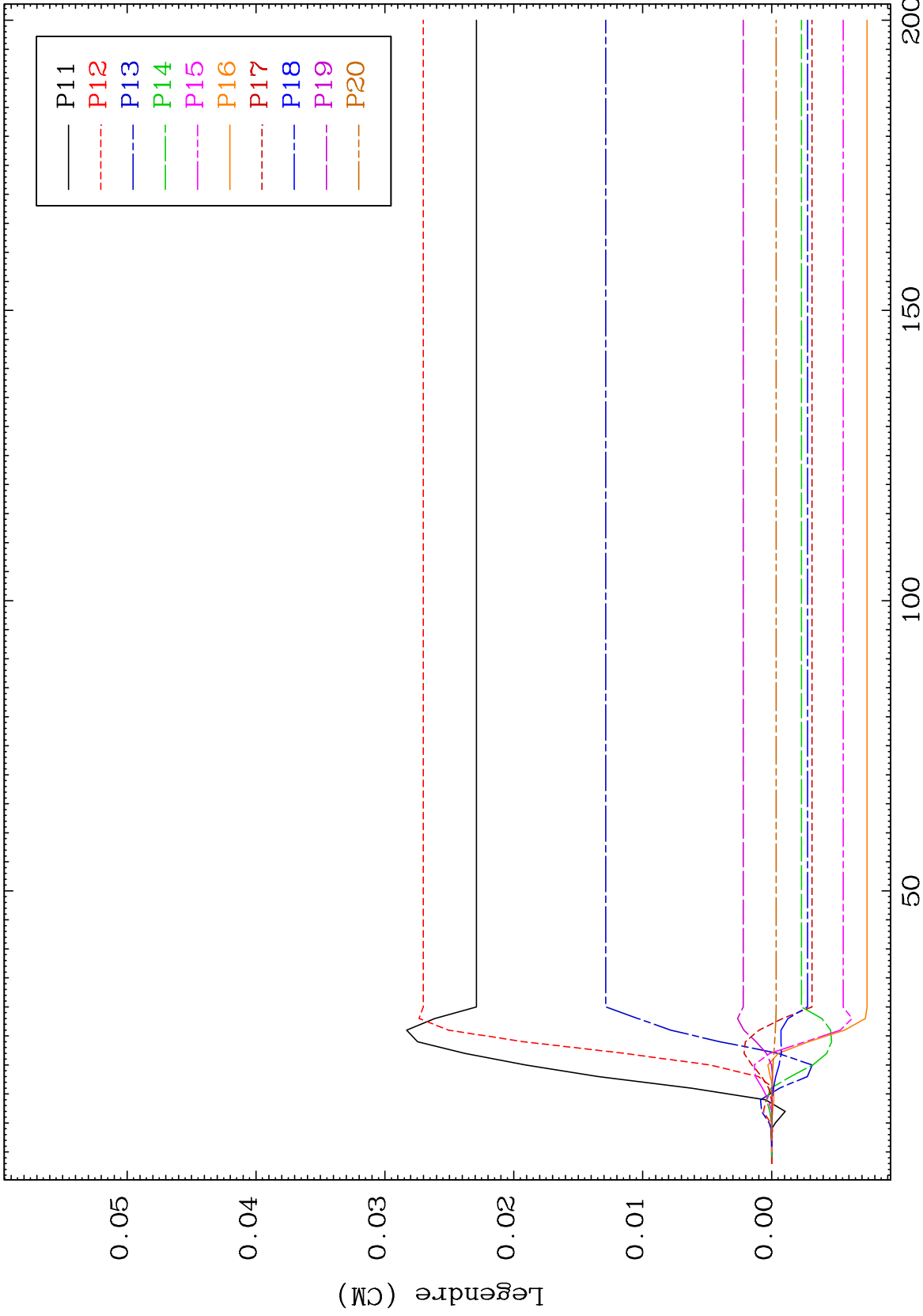
Incident Energy (MeV)

82-Pb-211

MAT 8246

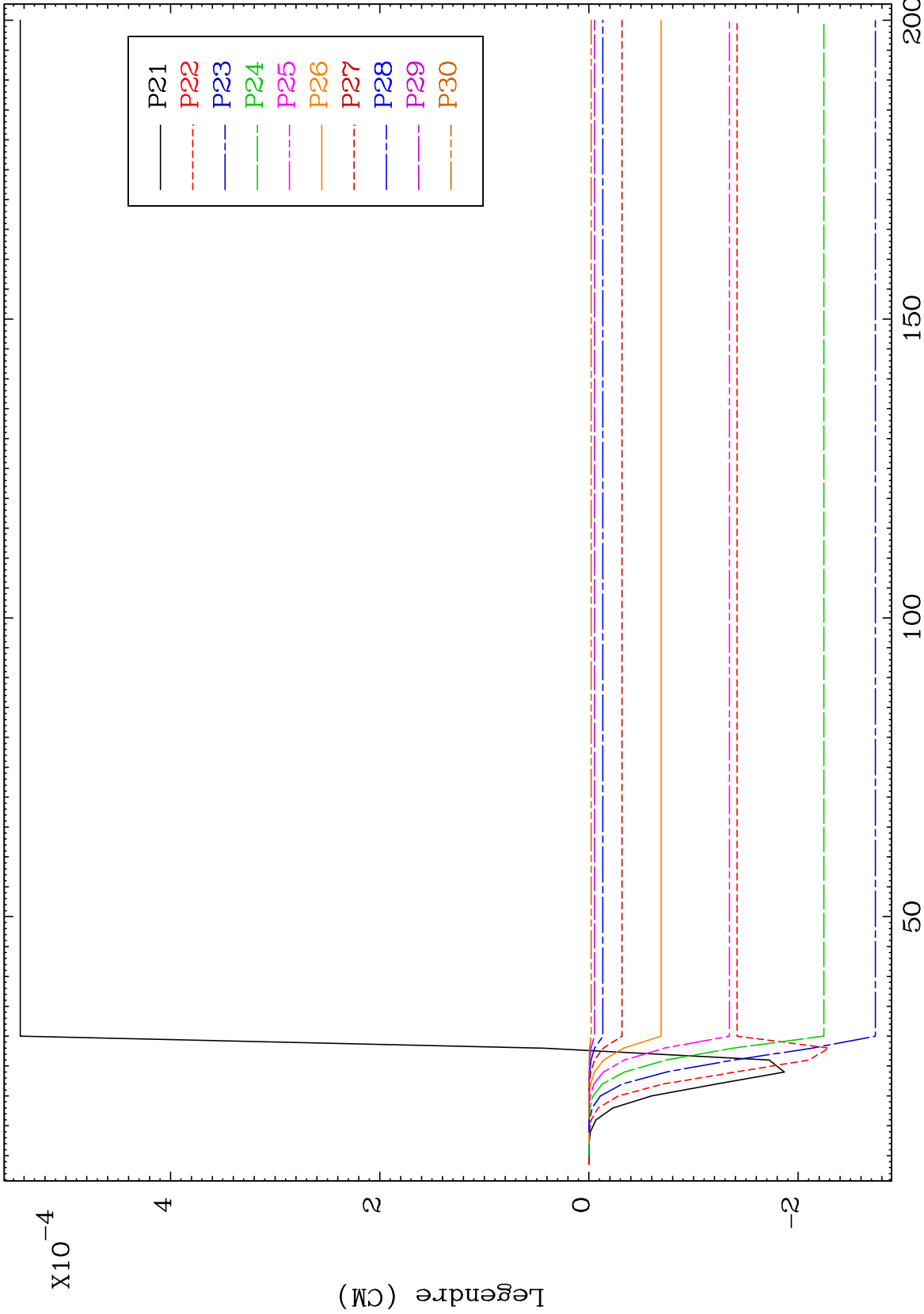
MT= 67 (n,n') Level
Legendre Coefficients

82-Pb-211



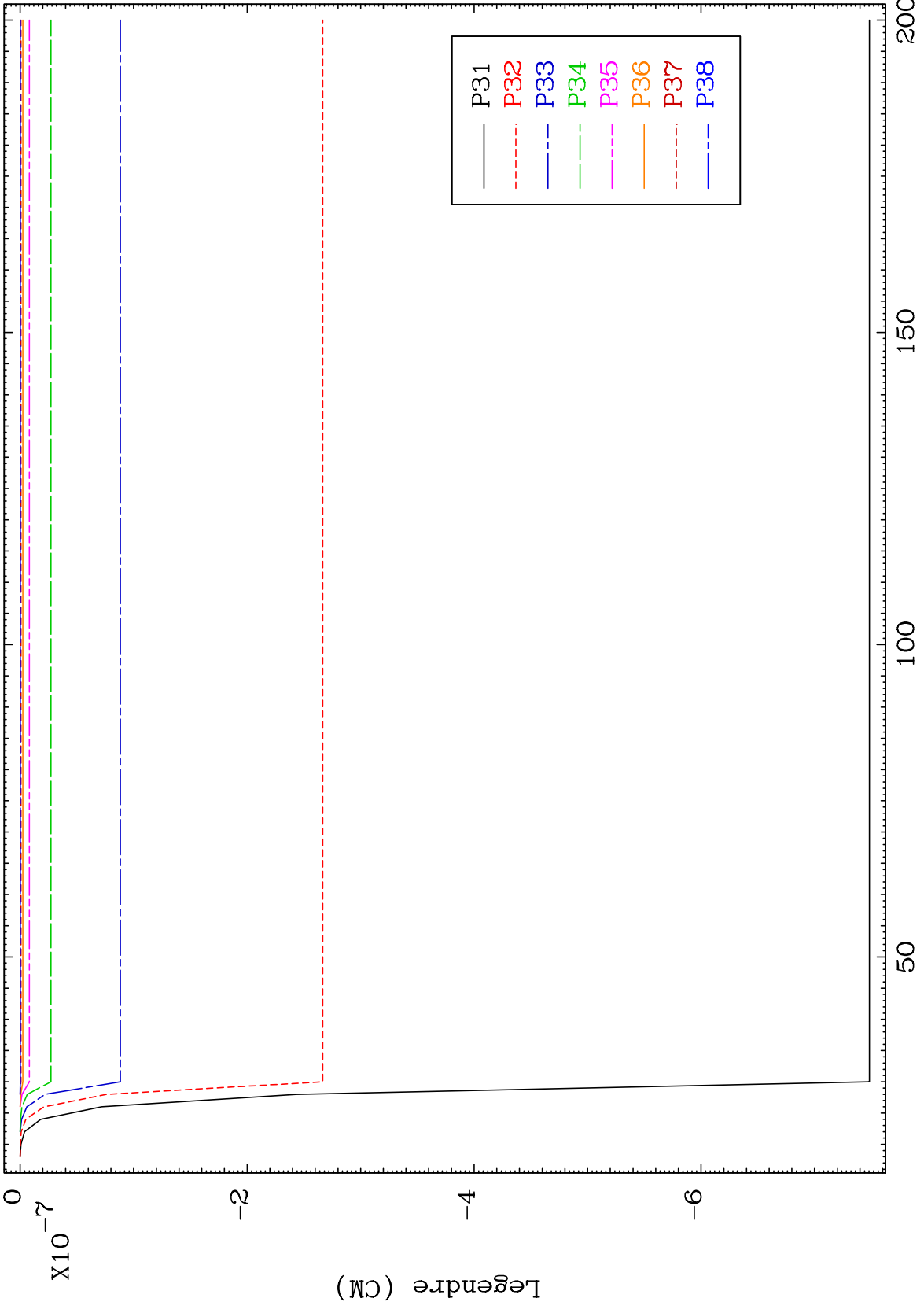
85

82-Pb-211



MAT 8246 MT= 67 (n,n') Level 82-Pb-211

Legendre Coefficients

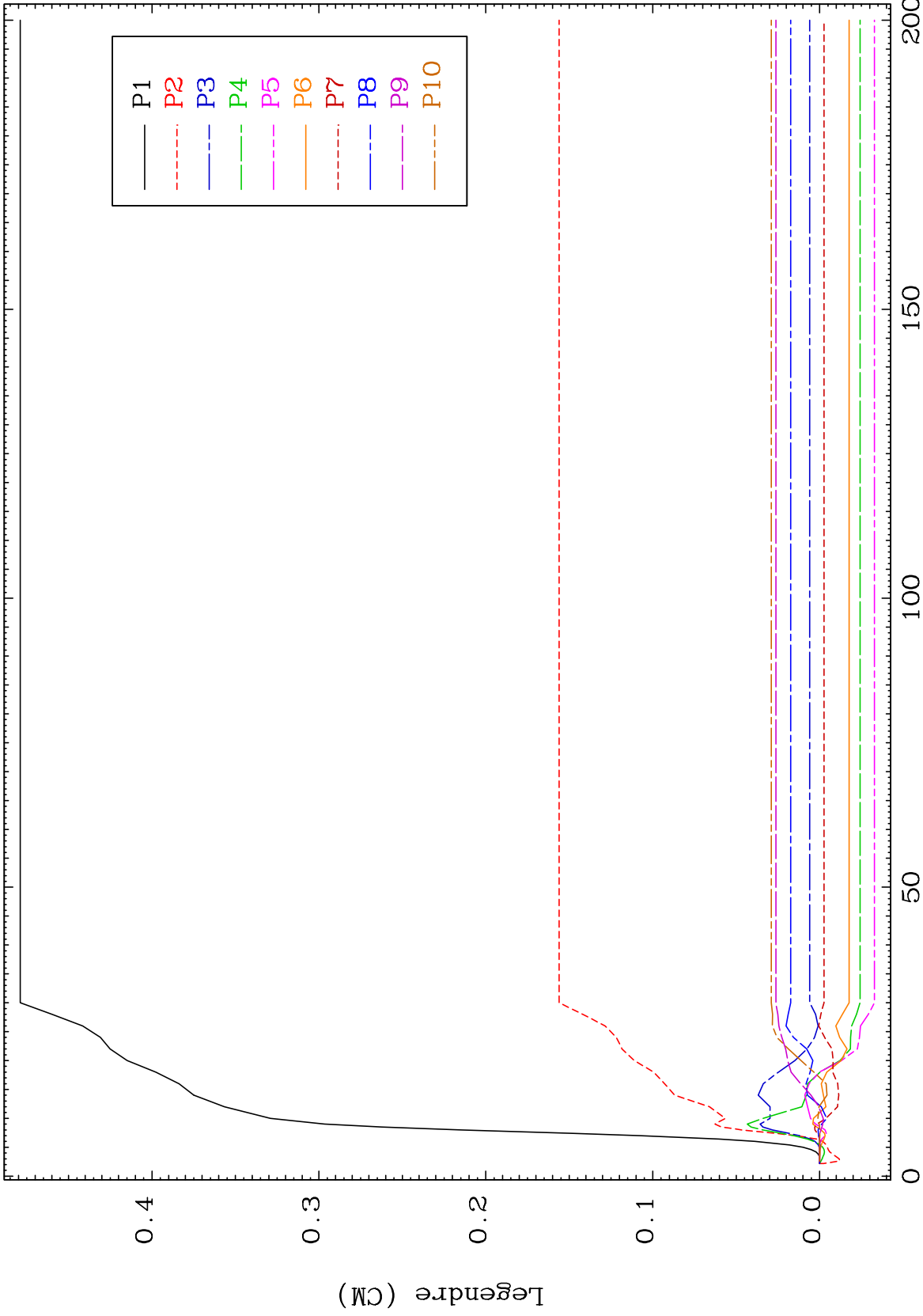


87

MAT 8246

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

82-Pb-211



88

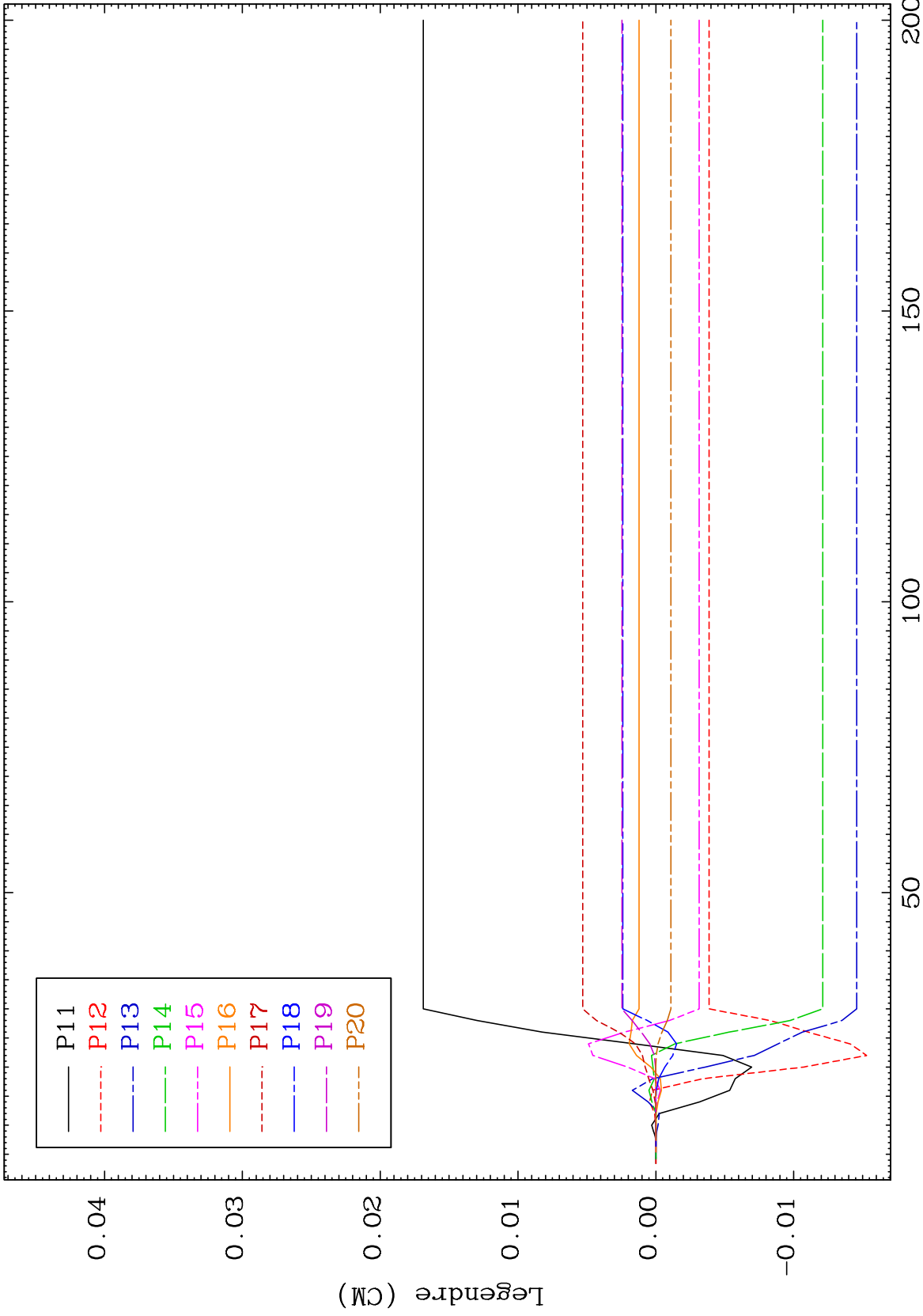
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



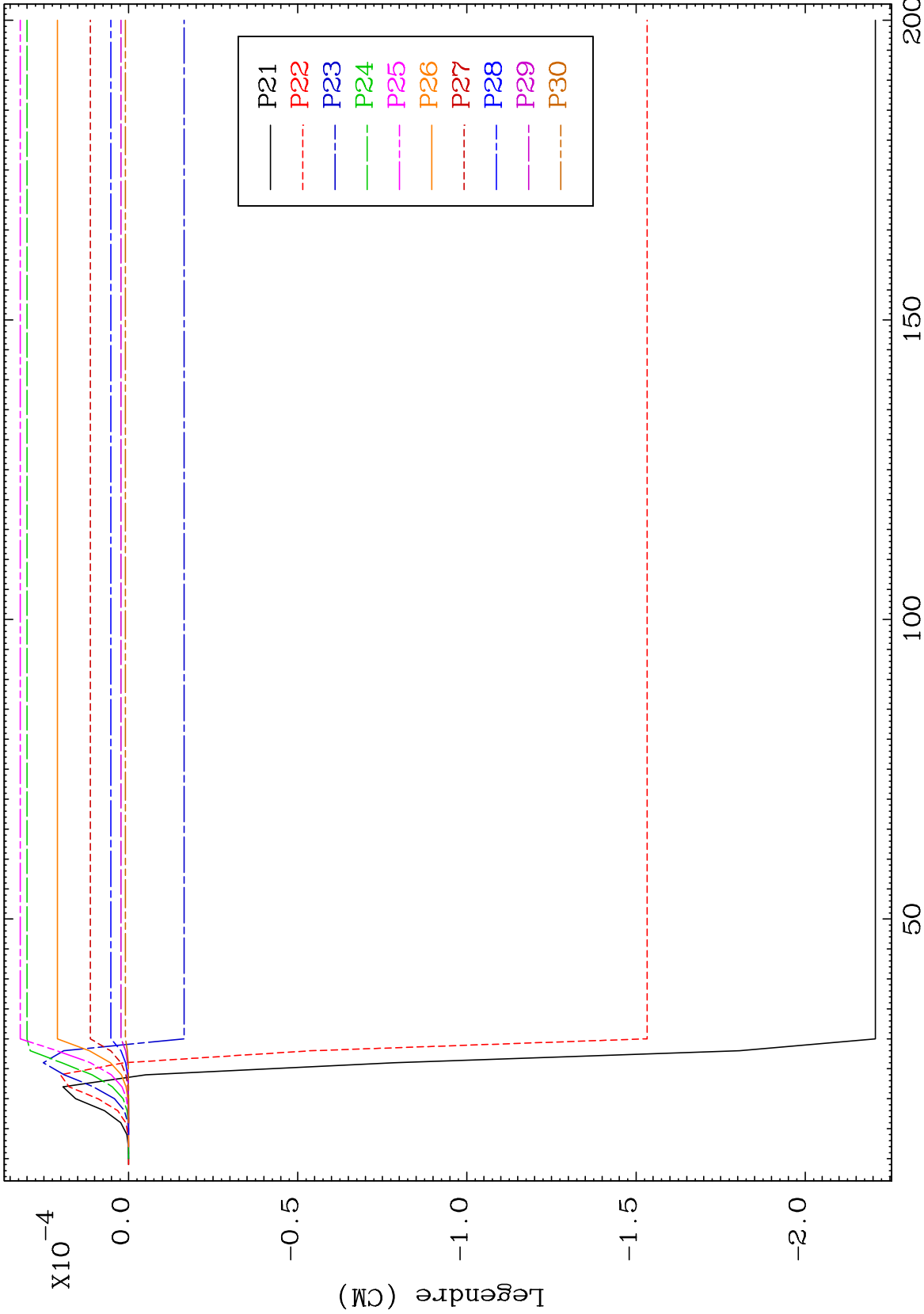
89

82-Pb-211

MAT 8246

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

82-Pb-211



90

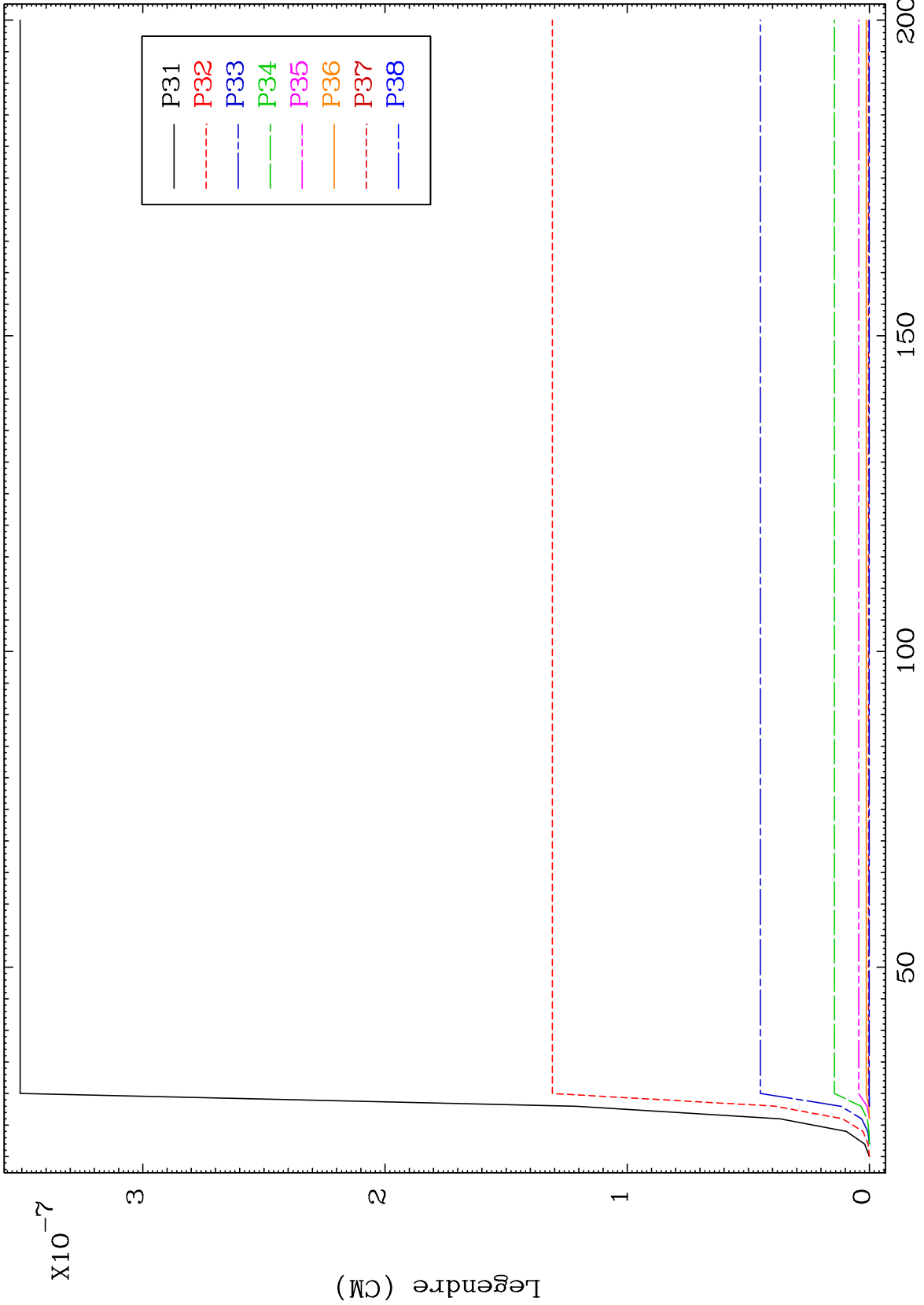
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



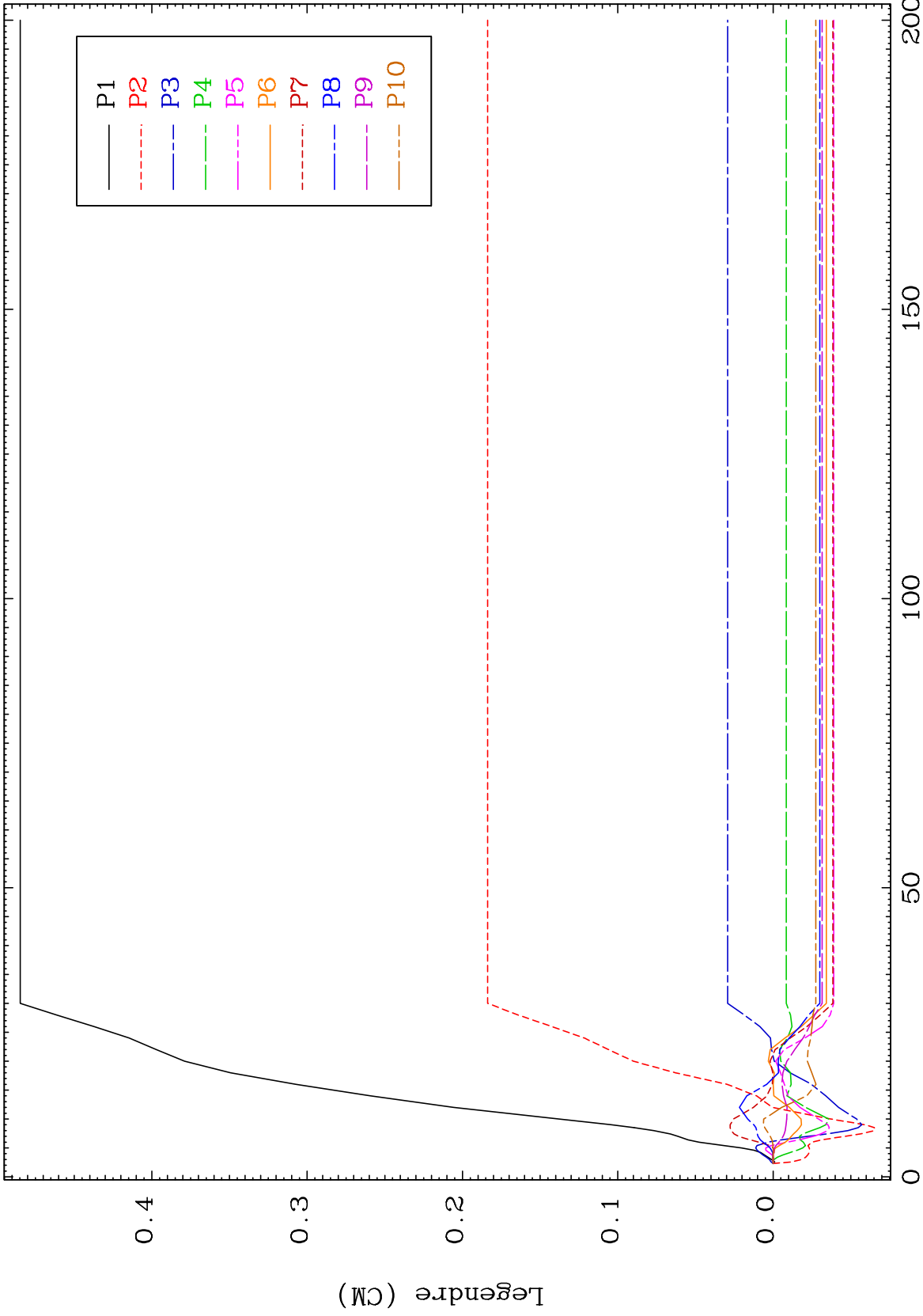
91

82-Pb-211

MAT 8246

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

82-Pb-211



92

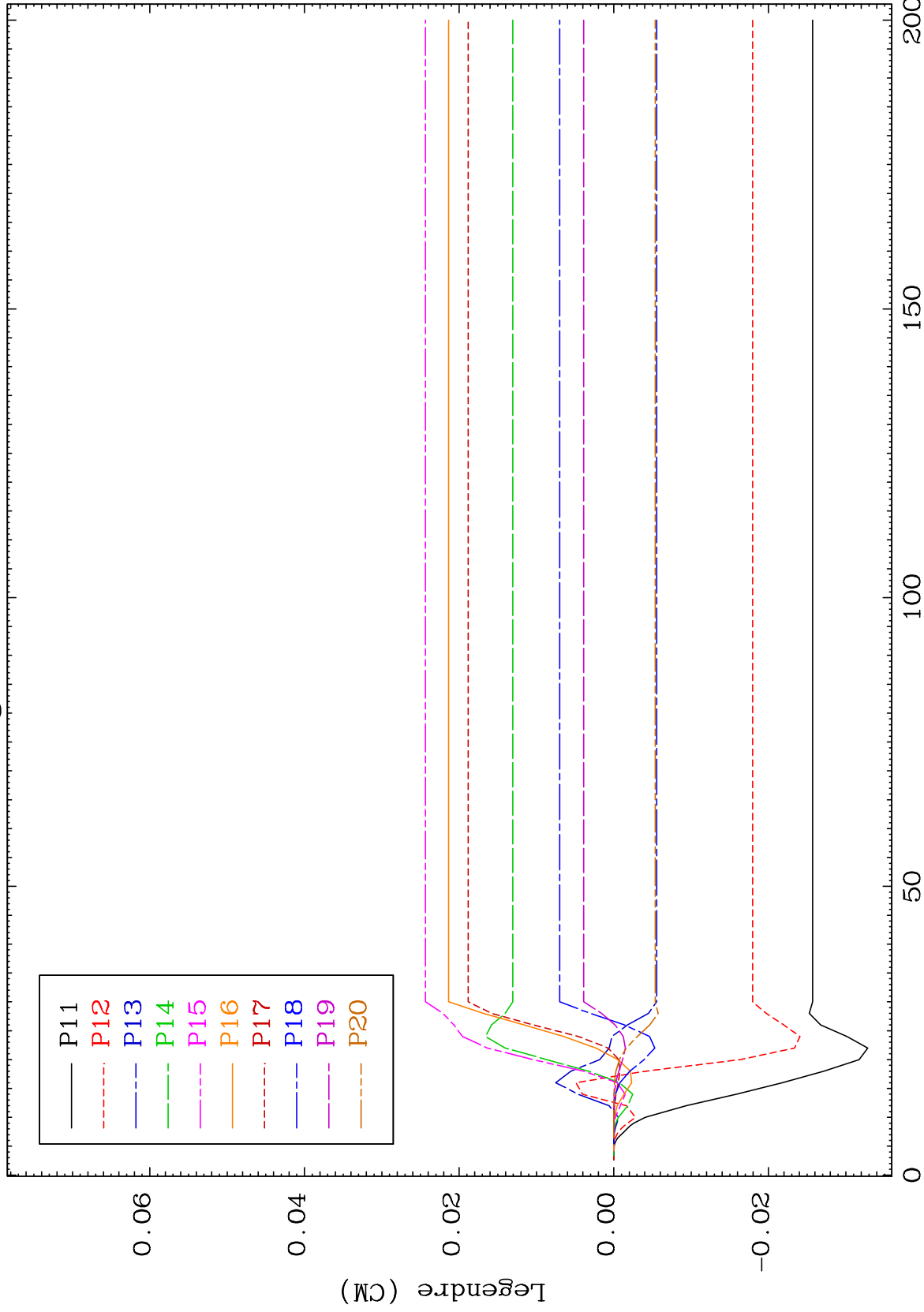
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



93

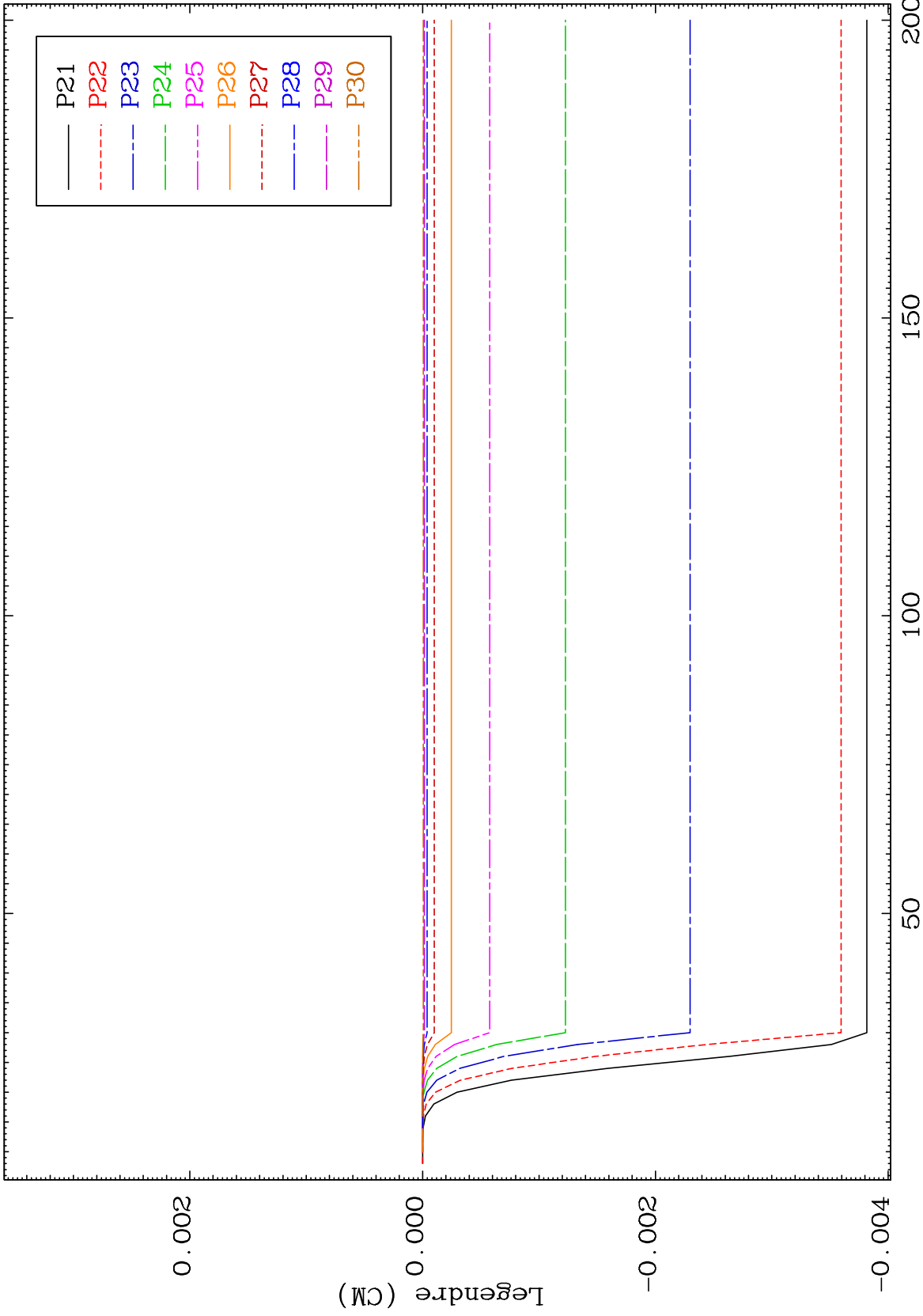
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211

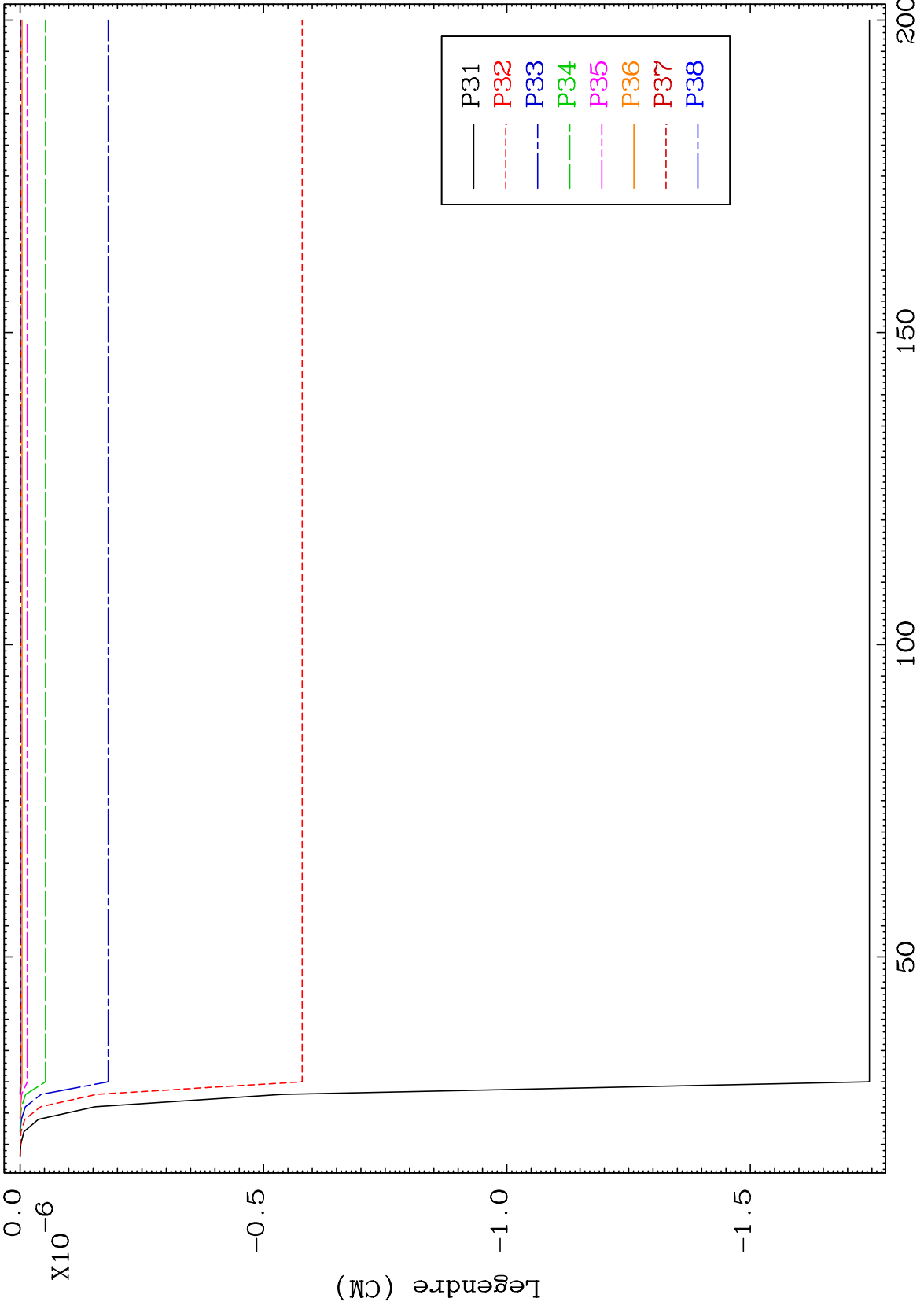


94

Incident Energy (MeV)

82-Pb-211

MAT 8246 MT= 69 (n,n') Level Legendre Coefficients 82-Pb-211

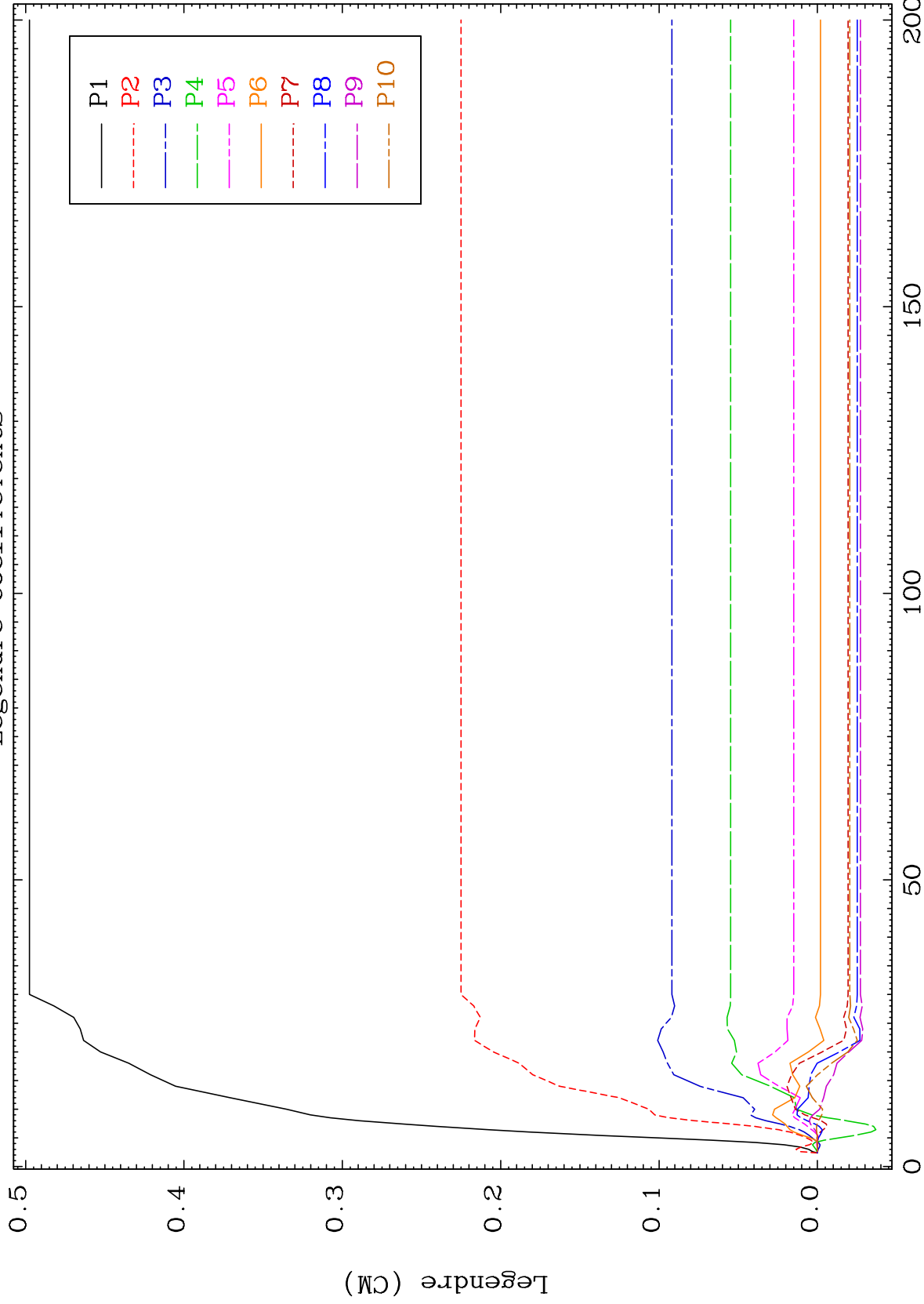


95 Incident Energy (MeV) 82-Pb-211

MAT 8246

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

82-Pb-211



96

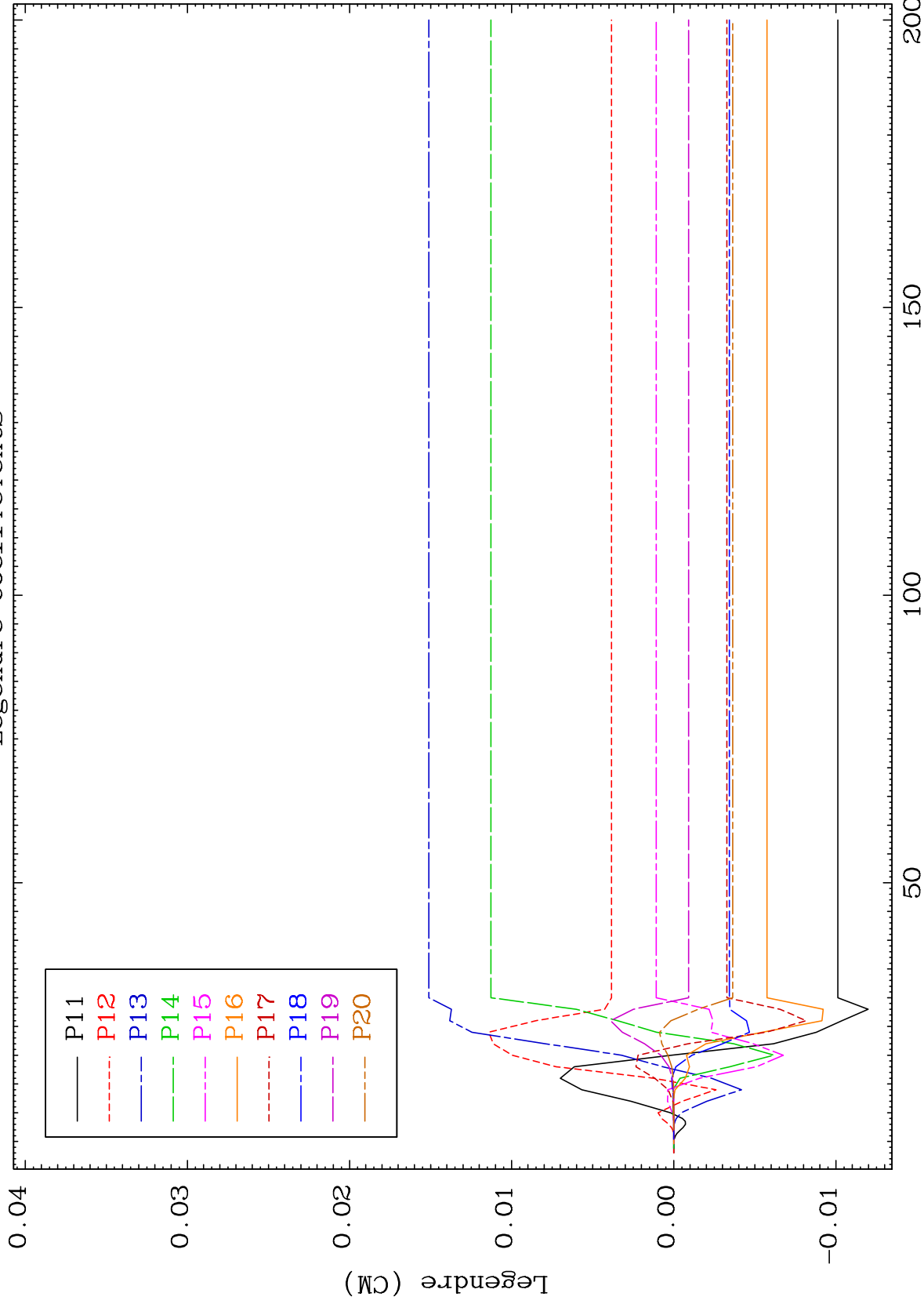
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



97

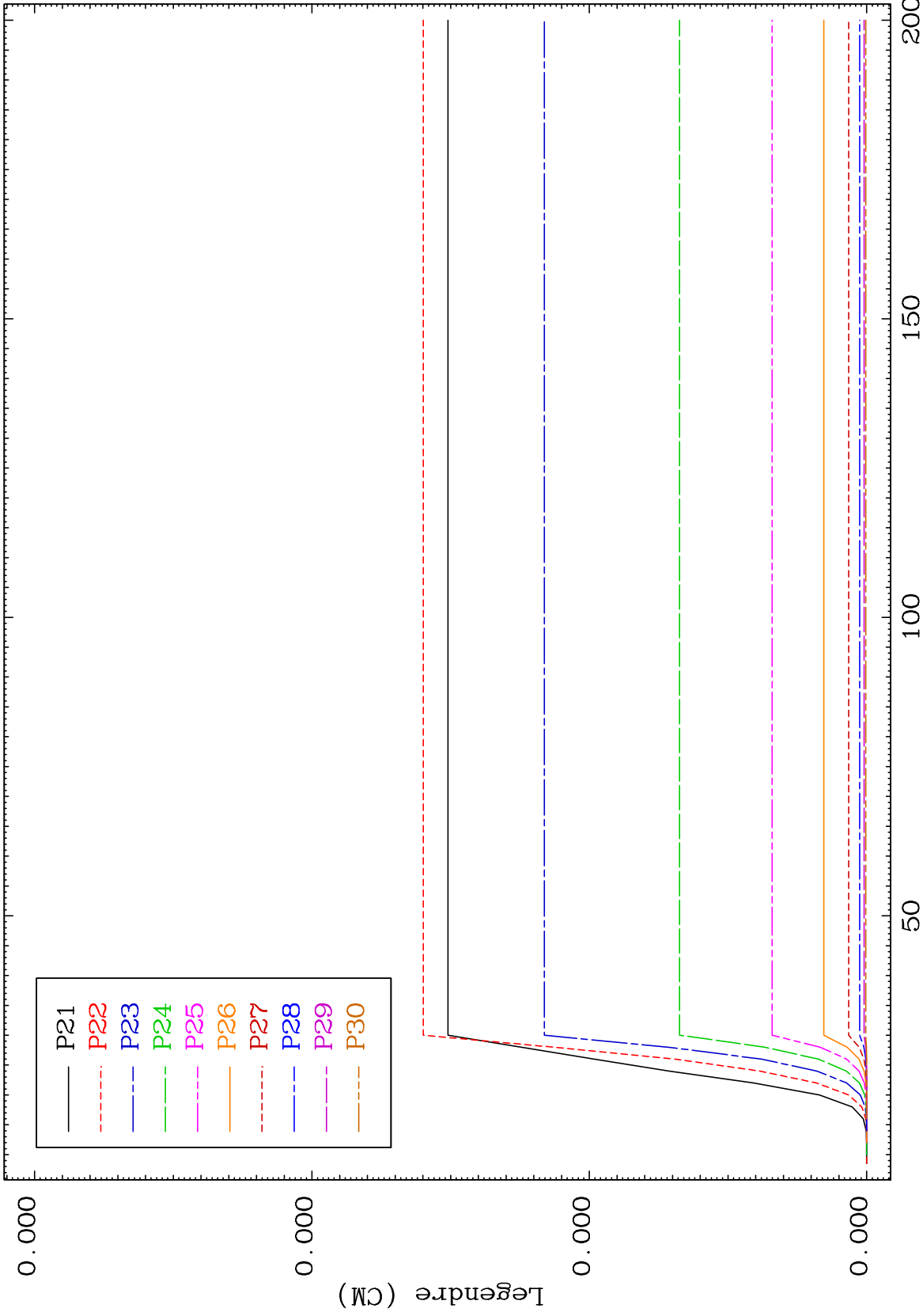
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



98

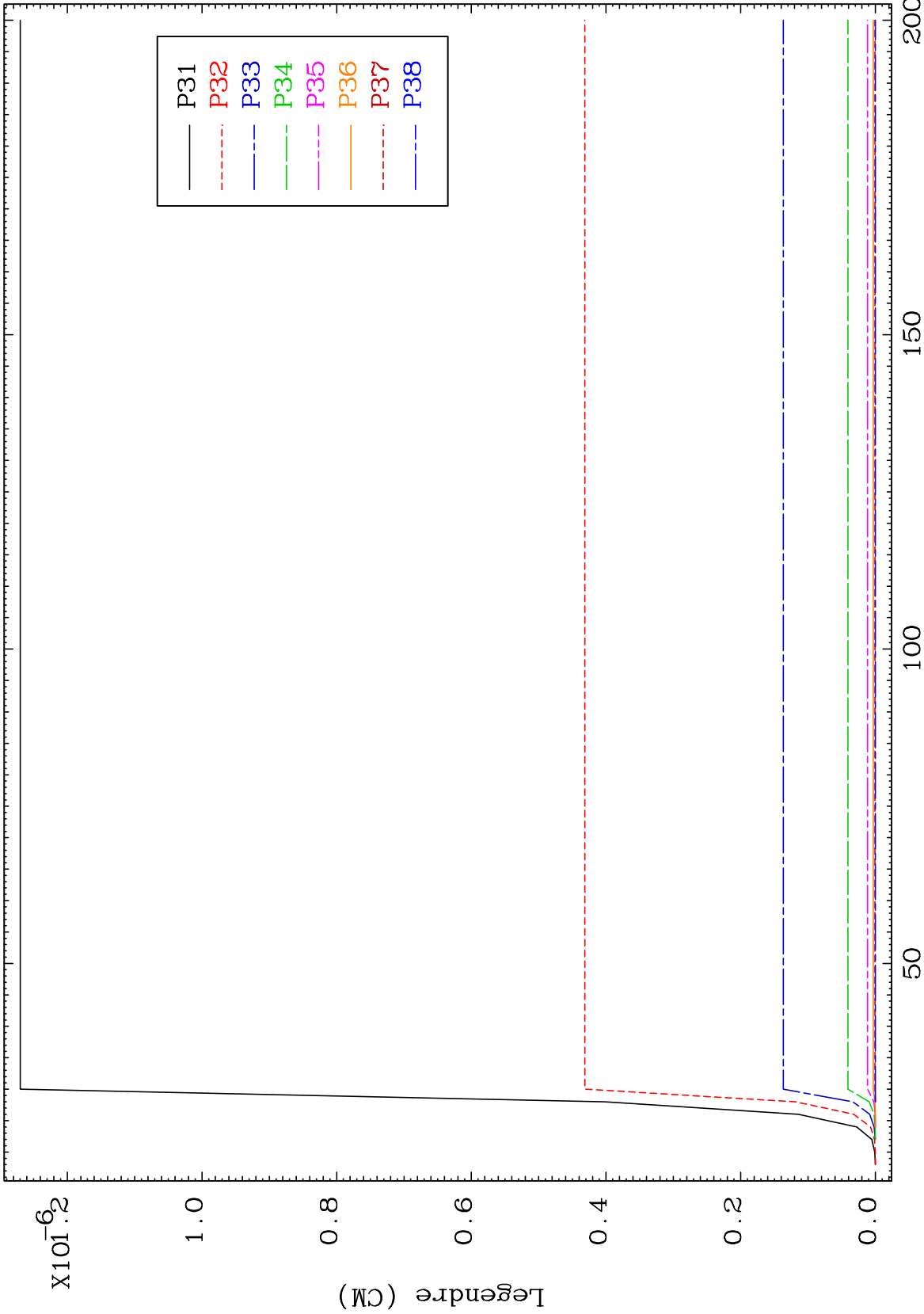
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



99

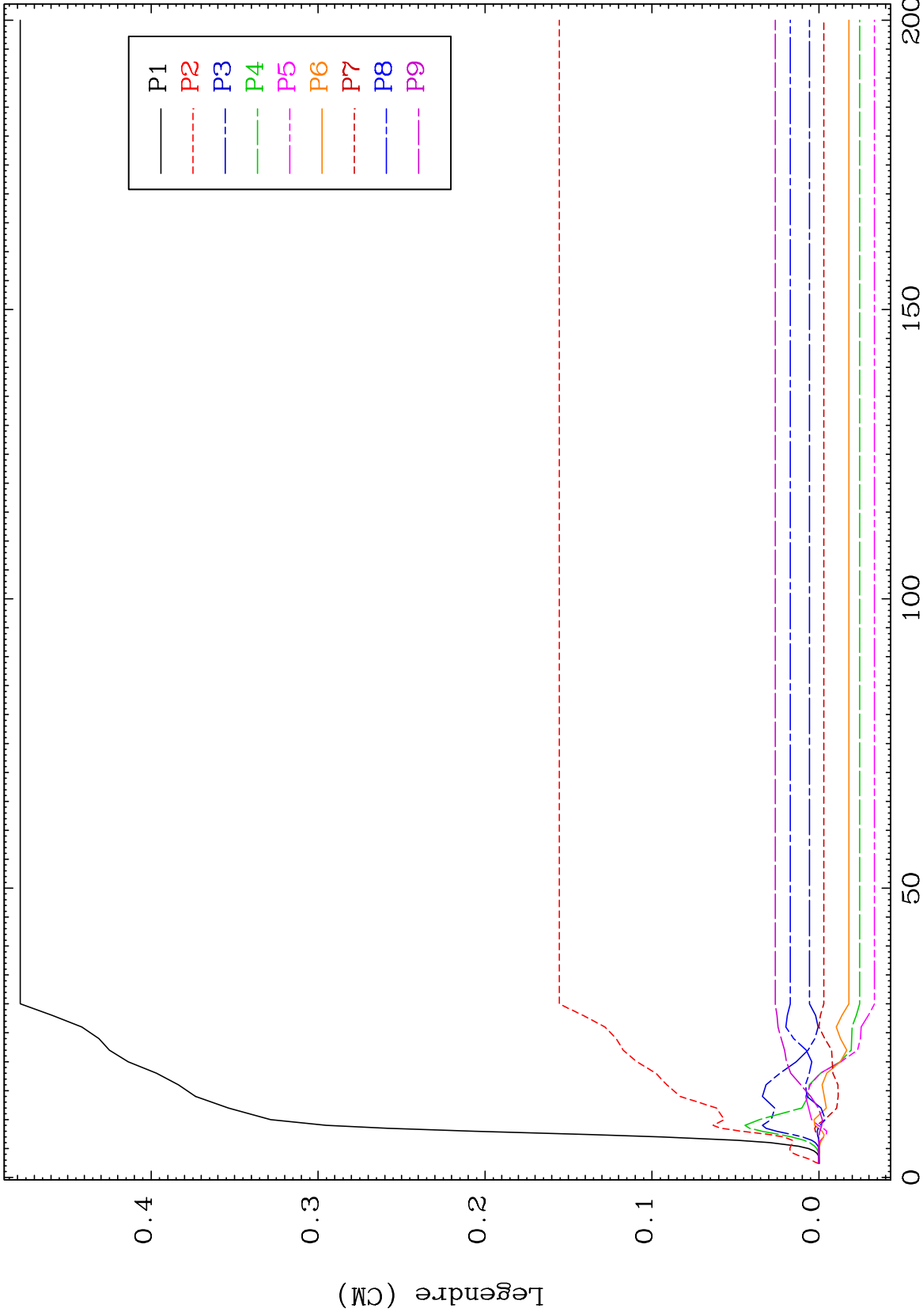
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



82-Pb-211

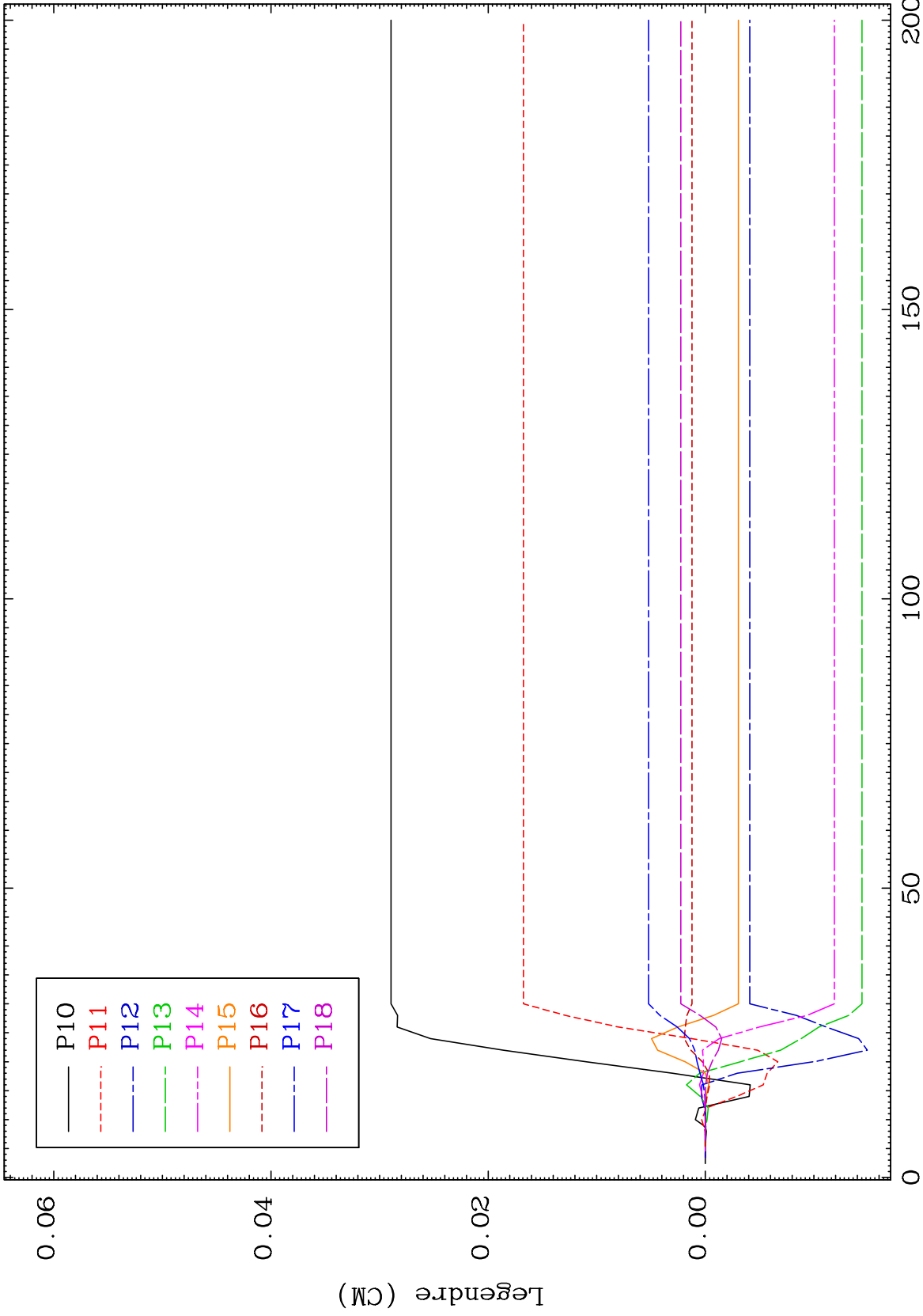
Incident Energy (MeV)

Legendre (CM)

MAT 8246

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

82-Pb-211



101

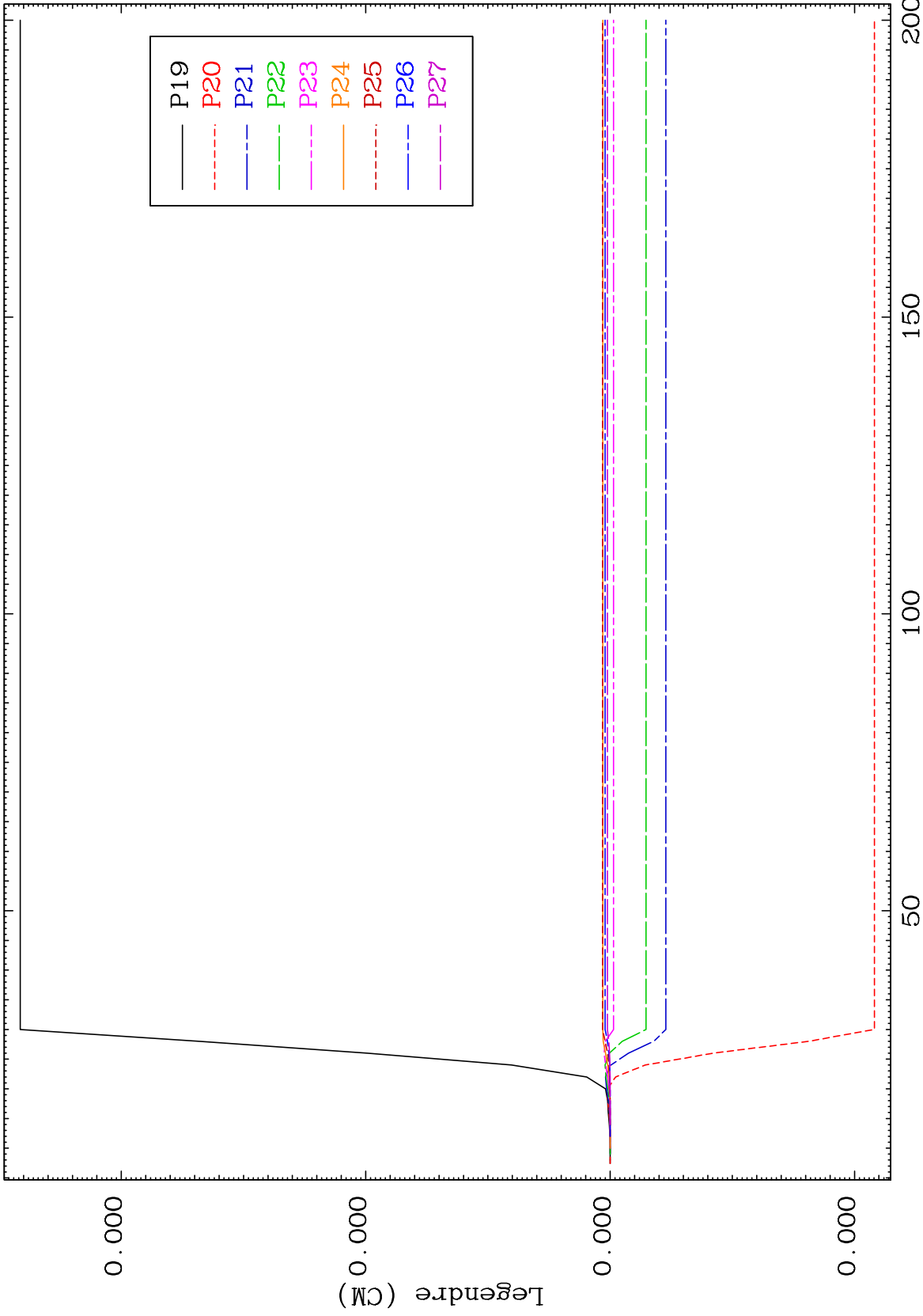
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



102

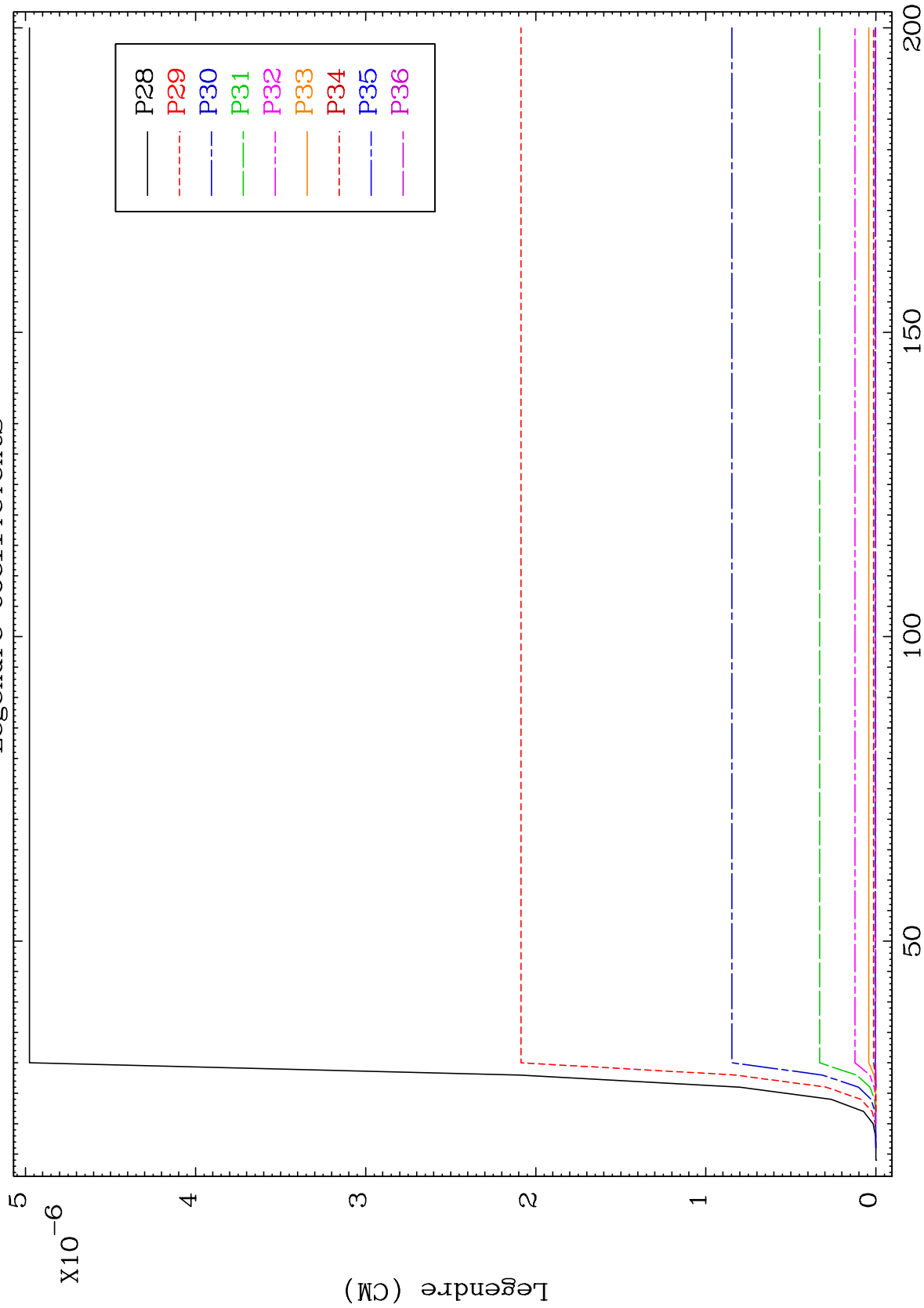
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



103

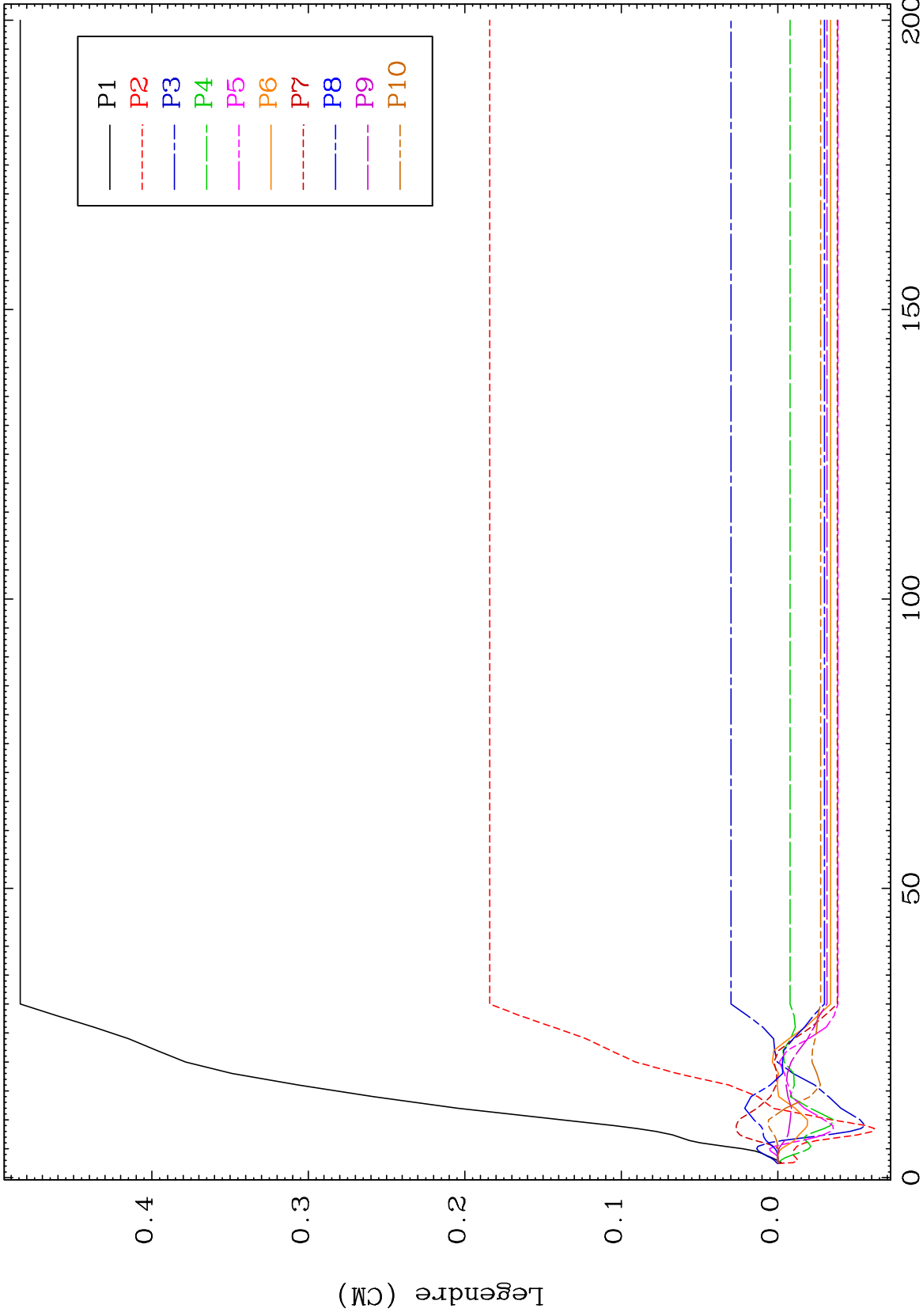
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



82-Pb-211

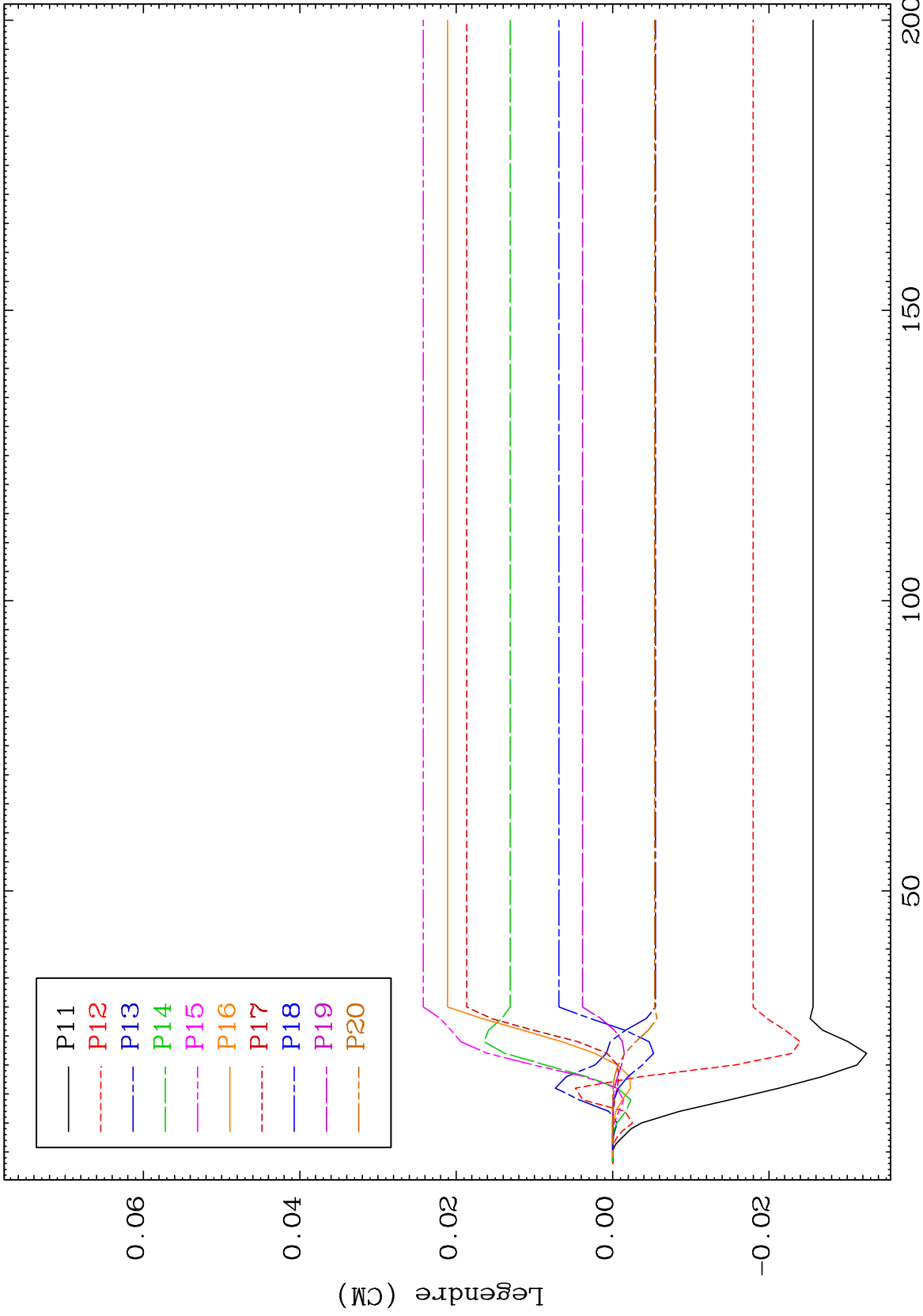
Incident Energy (MeV)

104

MAT 8246

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

82-Pb-211



105

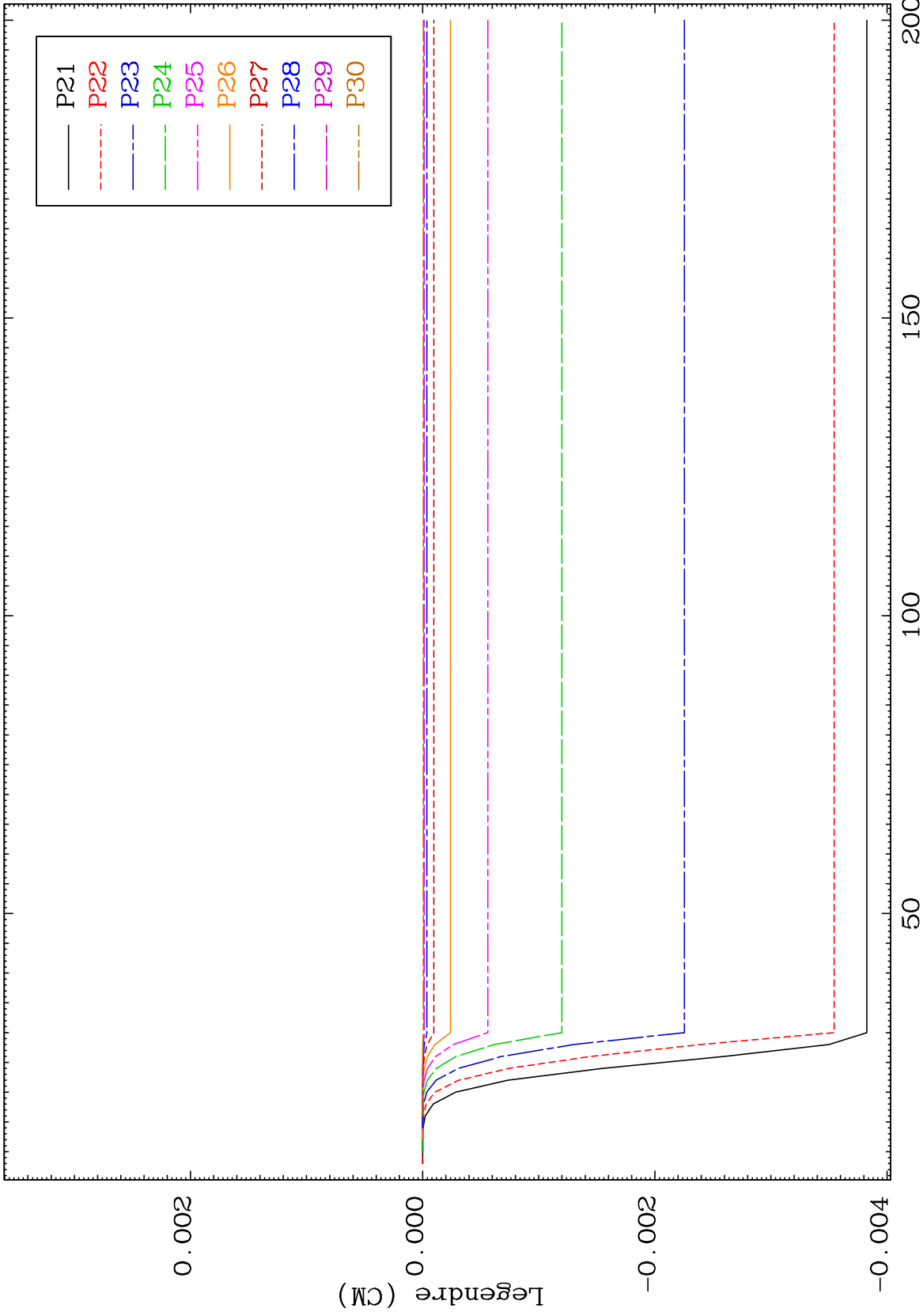
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211

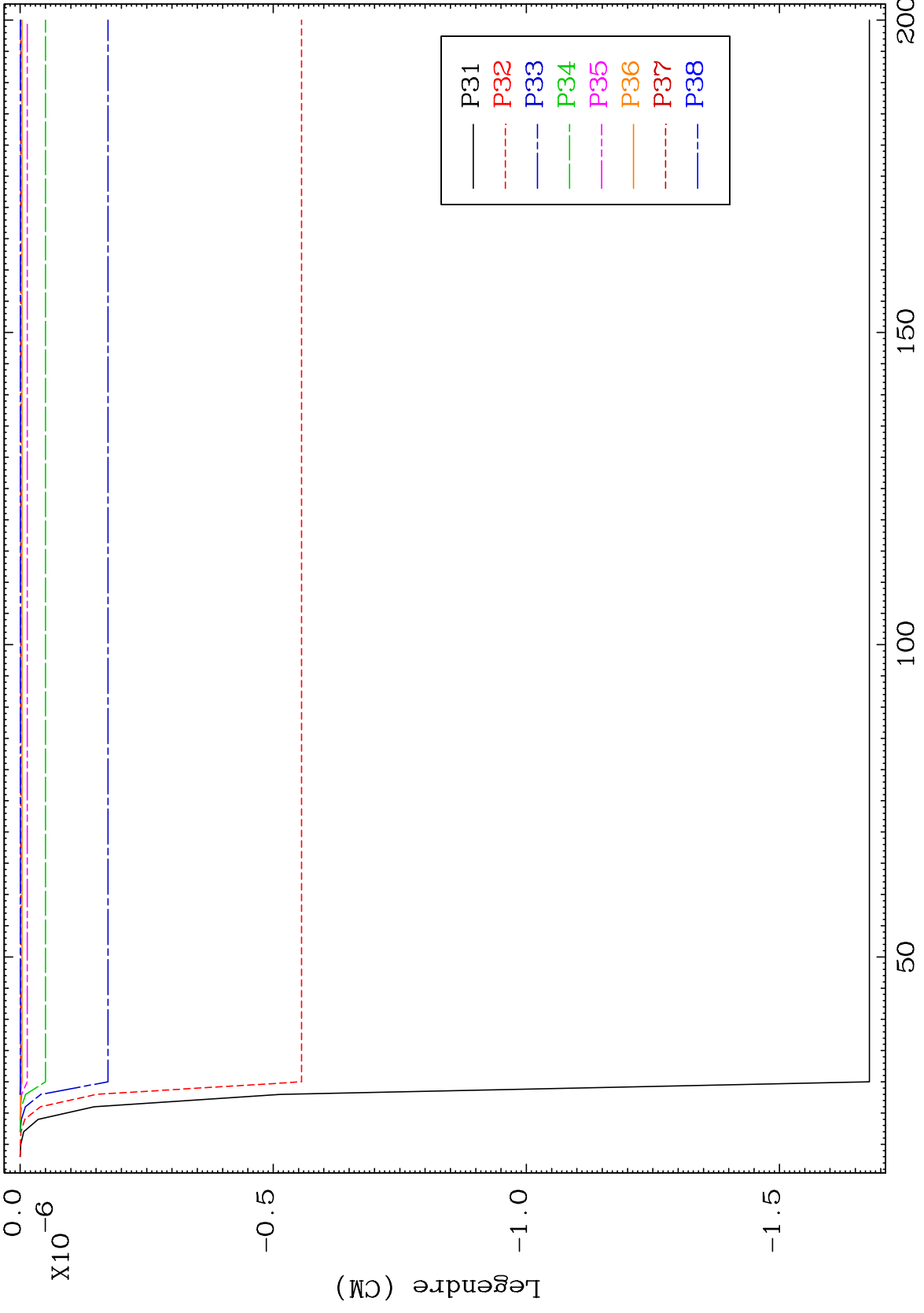


106

Incident Energy (MeV)

82-Pb-211

MAT 8246 MT= 72 (n,n') Level Legendre Coefficients 82-Pb-211

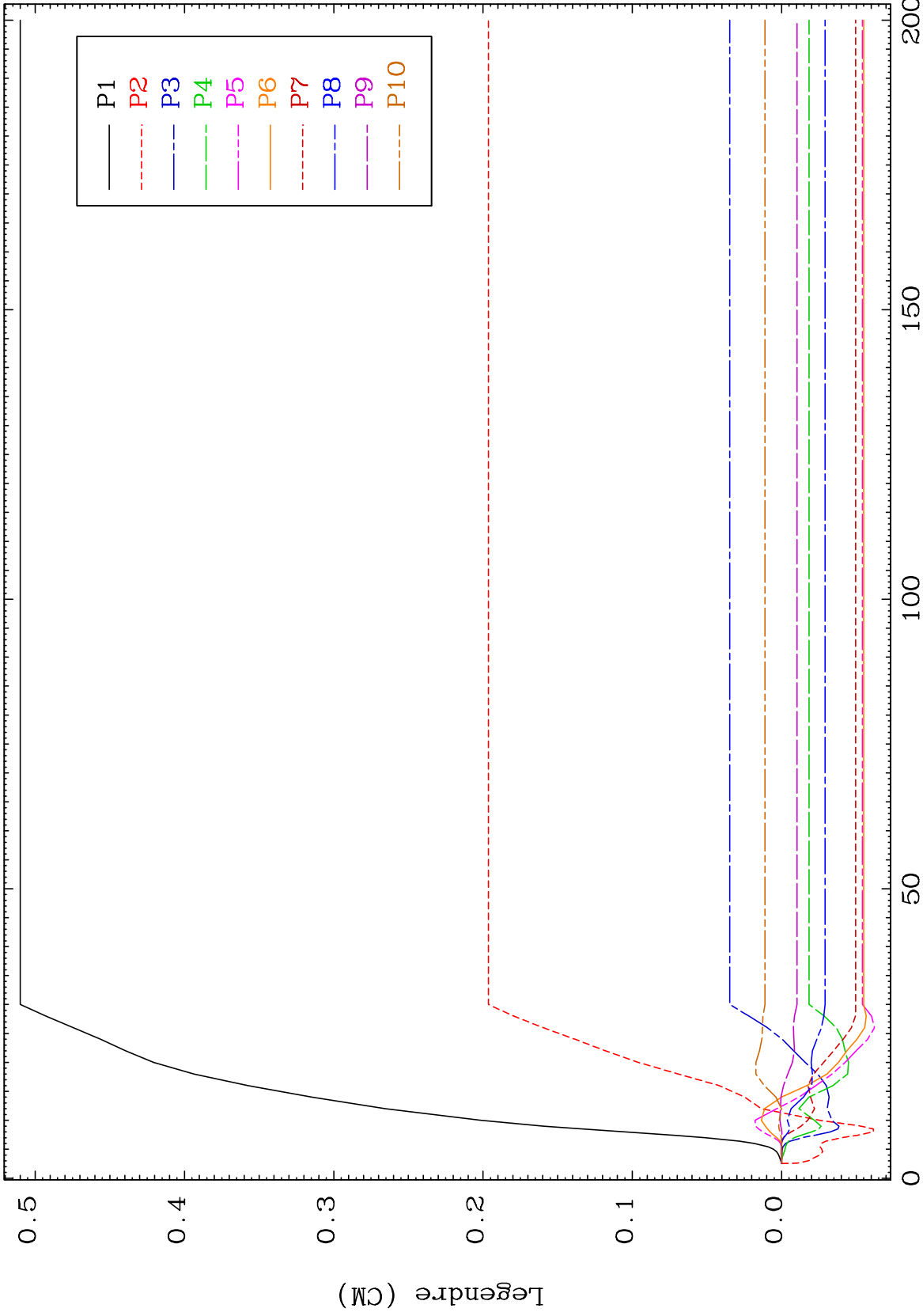


107 82-Pb-211

MAT 8246

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

82-Pb-211



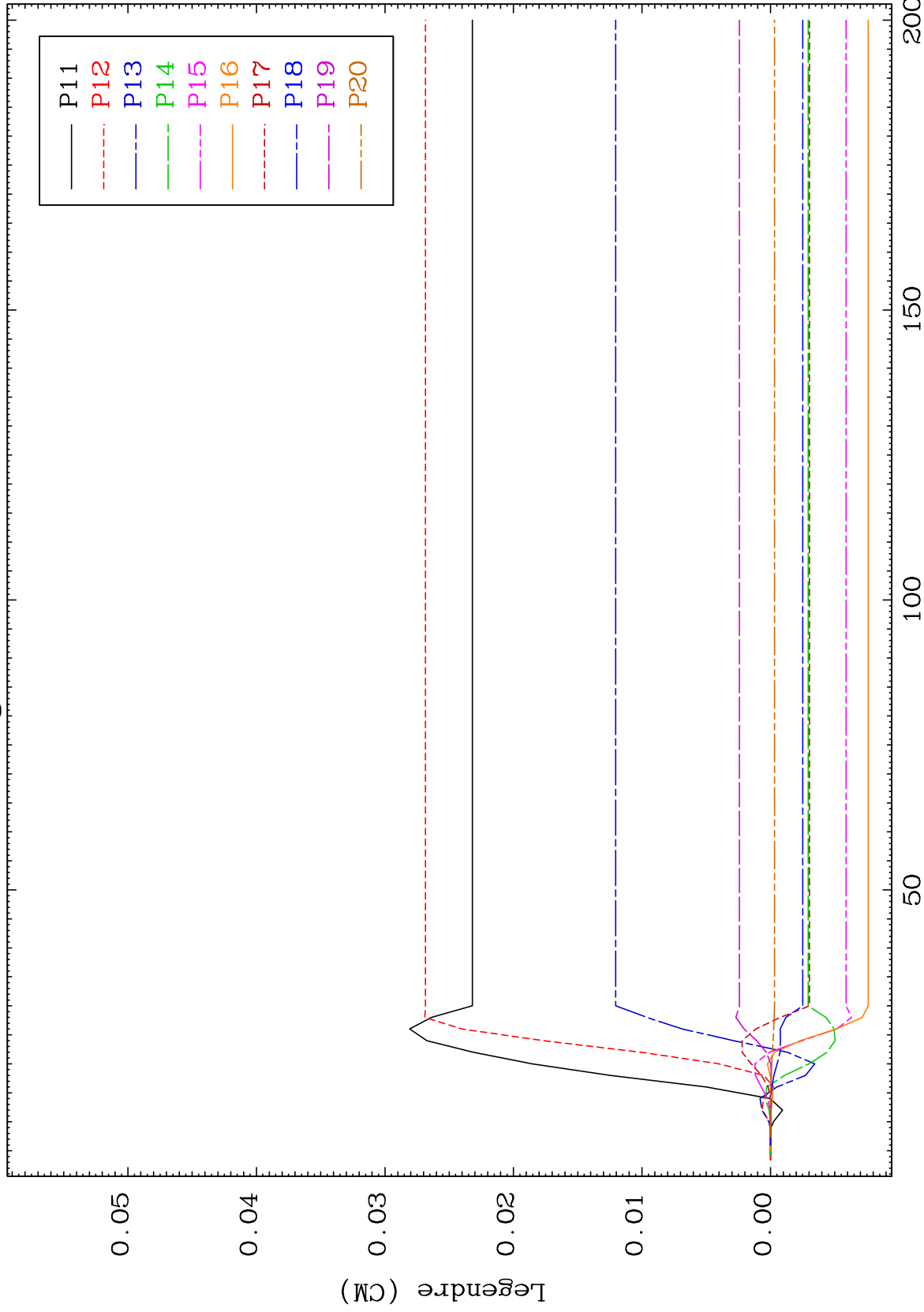
108

82-Pb-211

MAT 8246

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

82-Pb-211



109

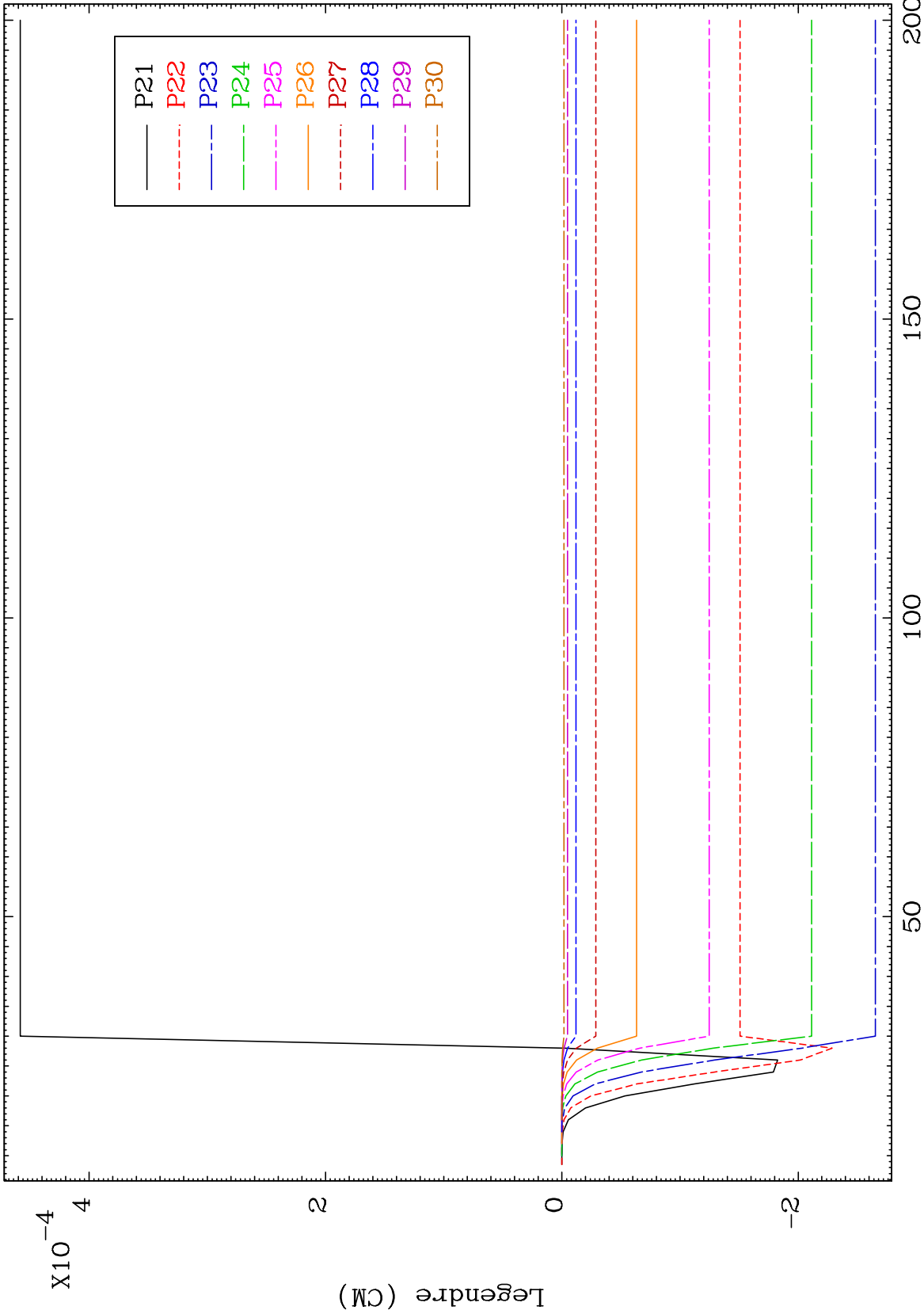
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211

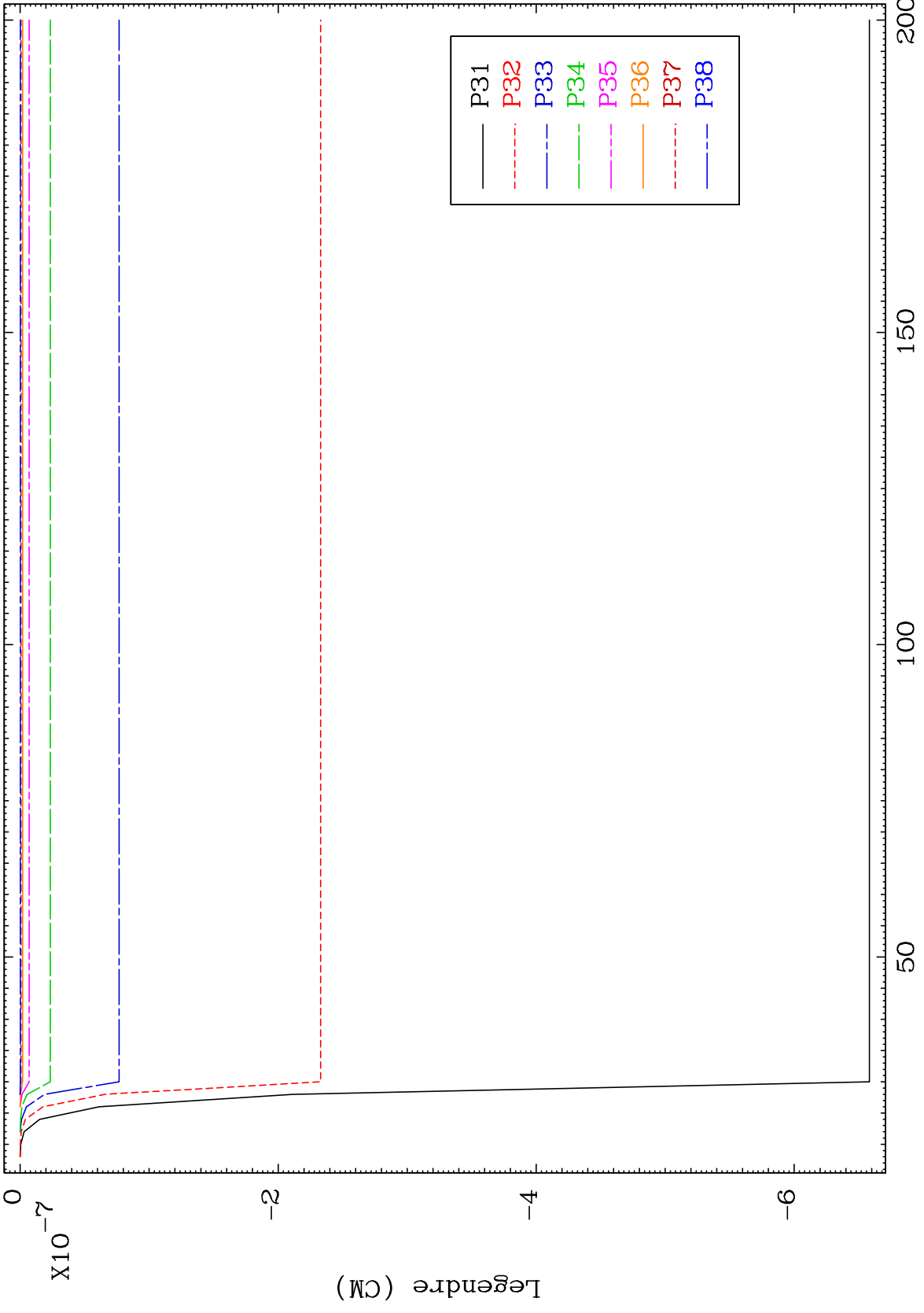


110

Incident Energy (MeV)

82-Pb-211

MAT 8246 MT= 73 (n,n') Level Legendre Coefficients 82-Pb-211

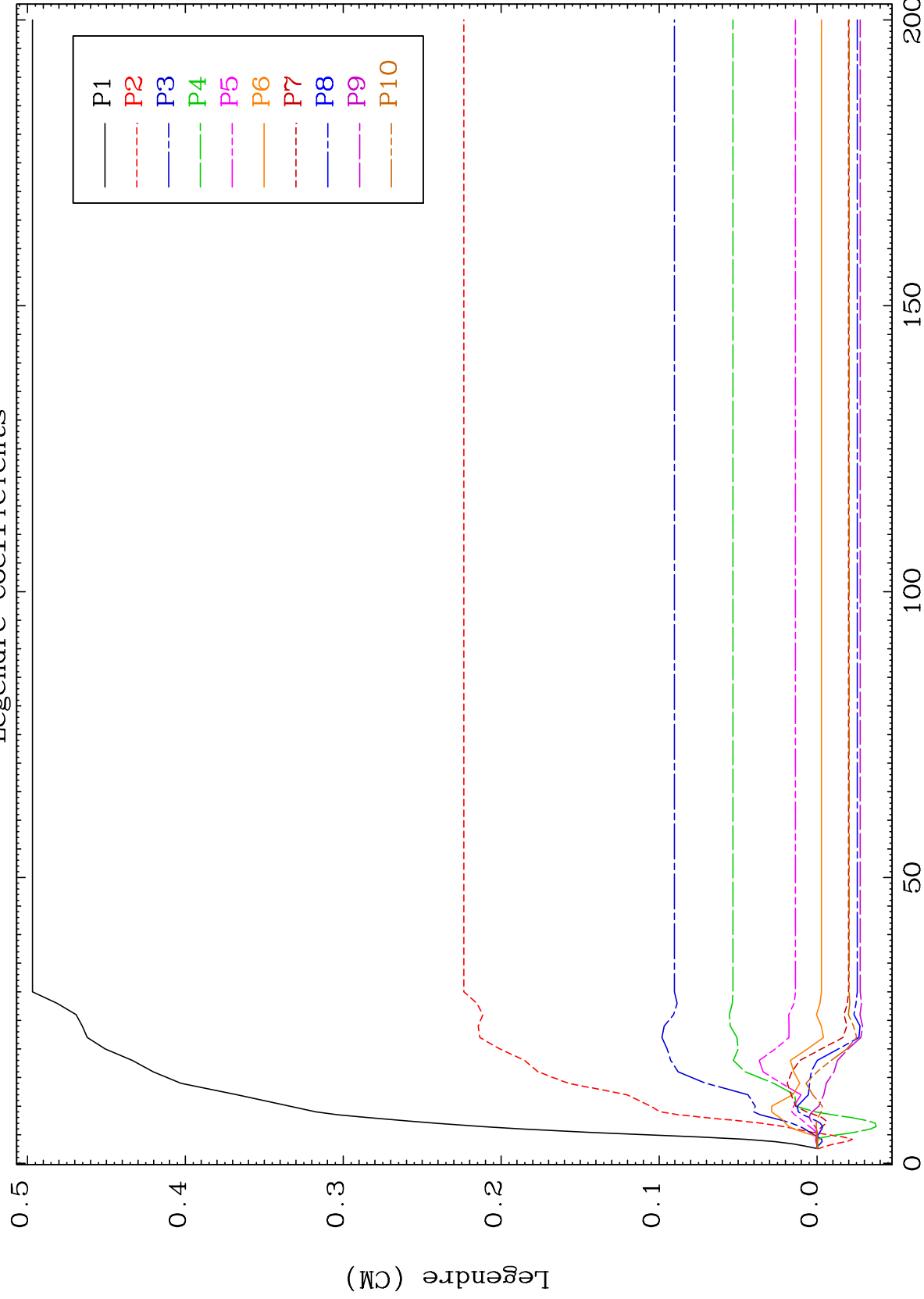


111 82-Pb-211

MAT 8246

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

82-Pb-211



82-Pb-211

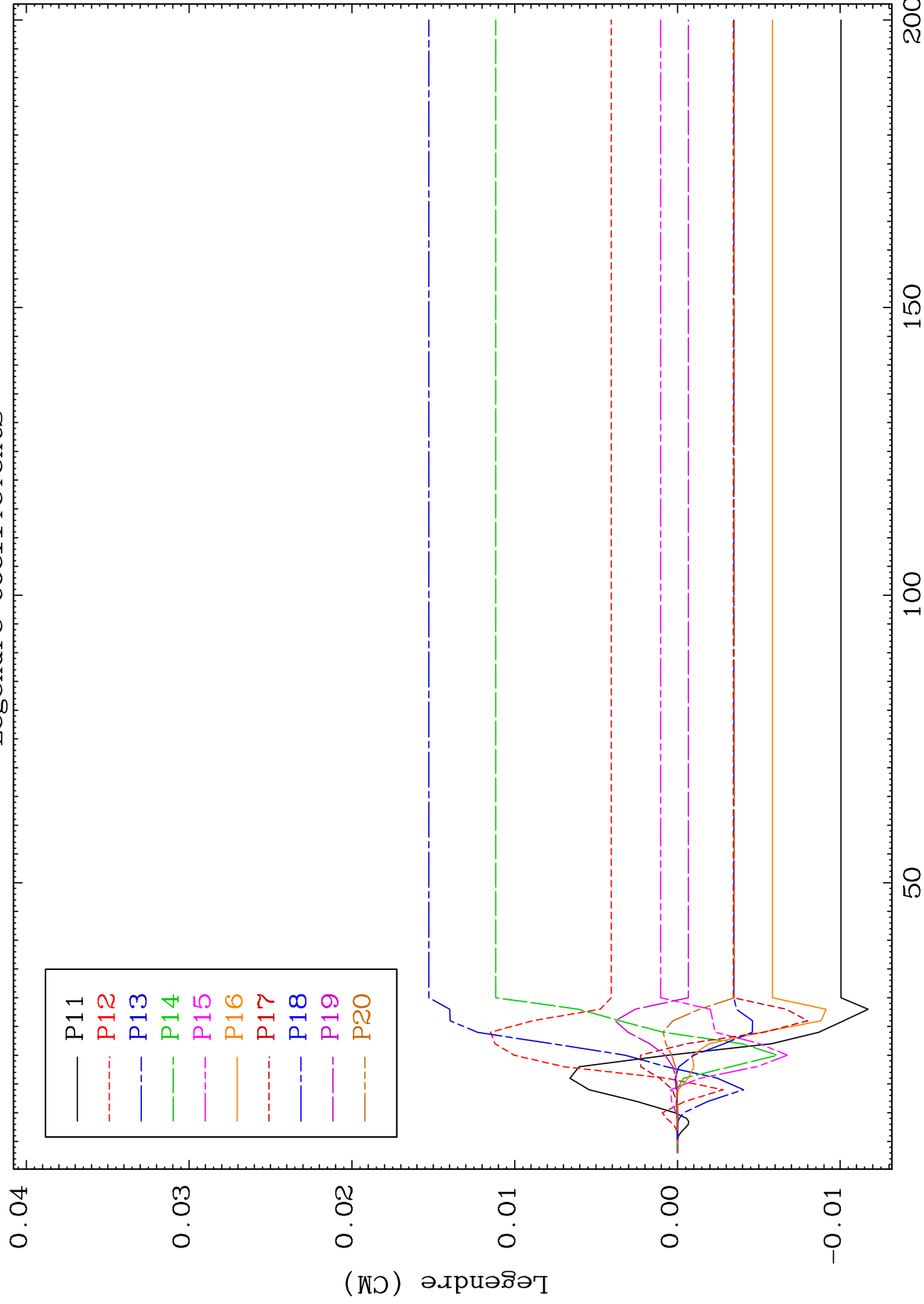
Incident Energy (MeV)

112

MAT 8246

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

82-Pb-211



113

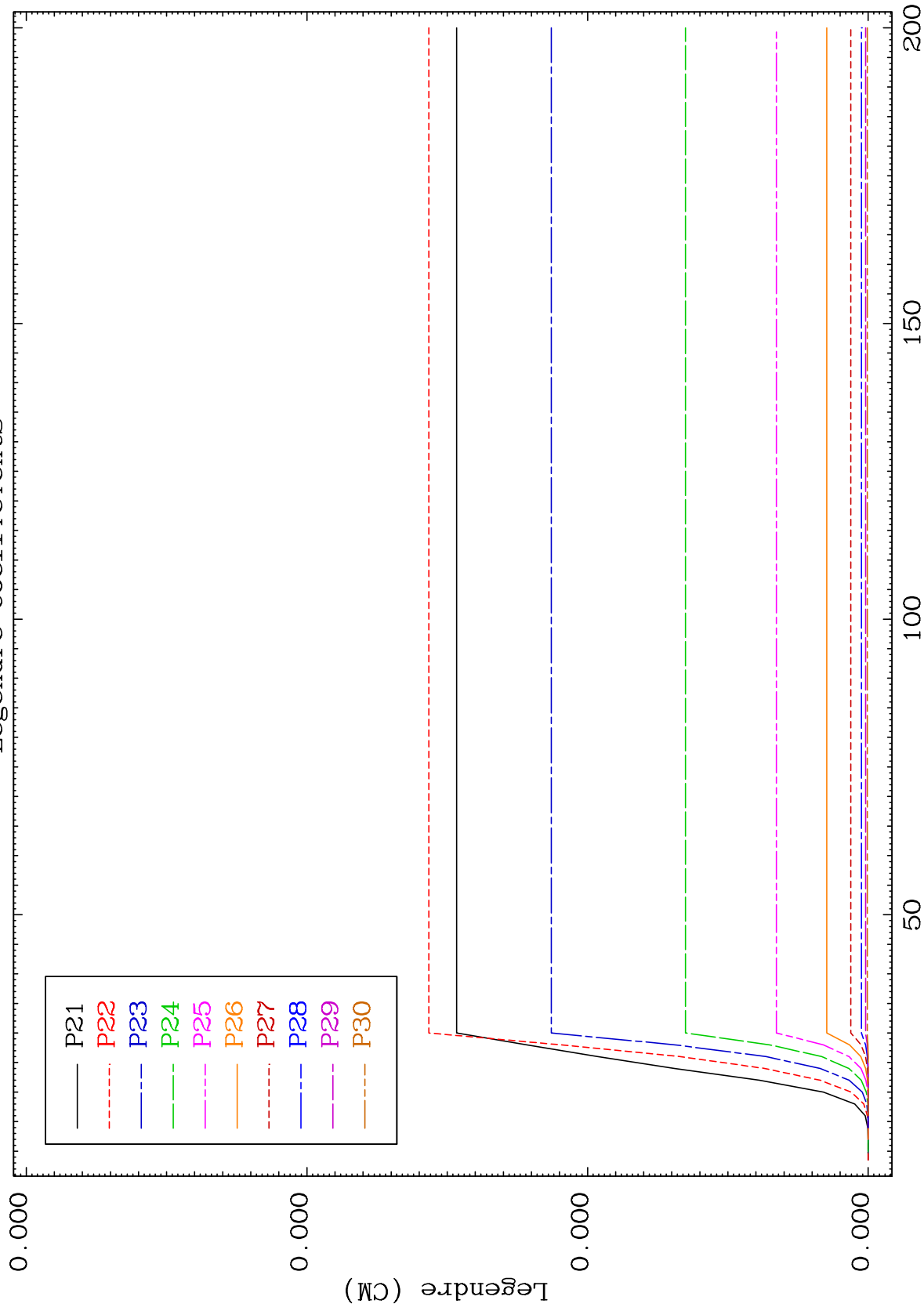
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



114

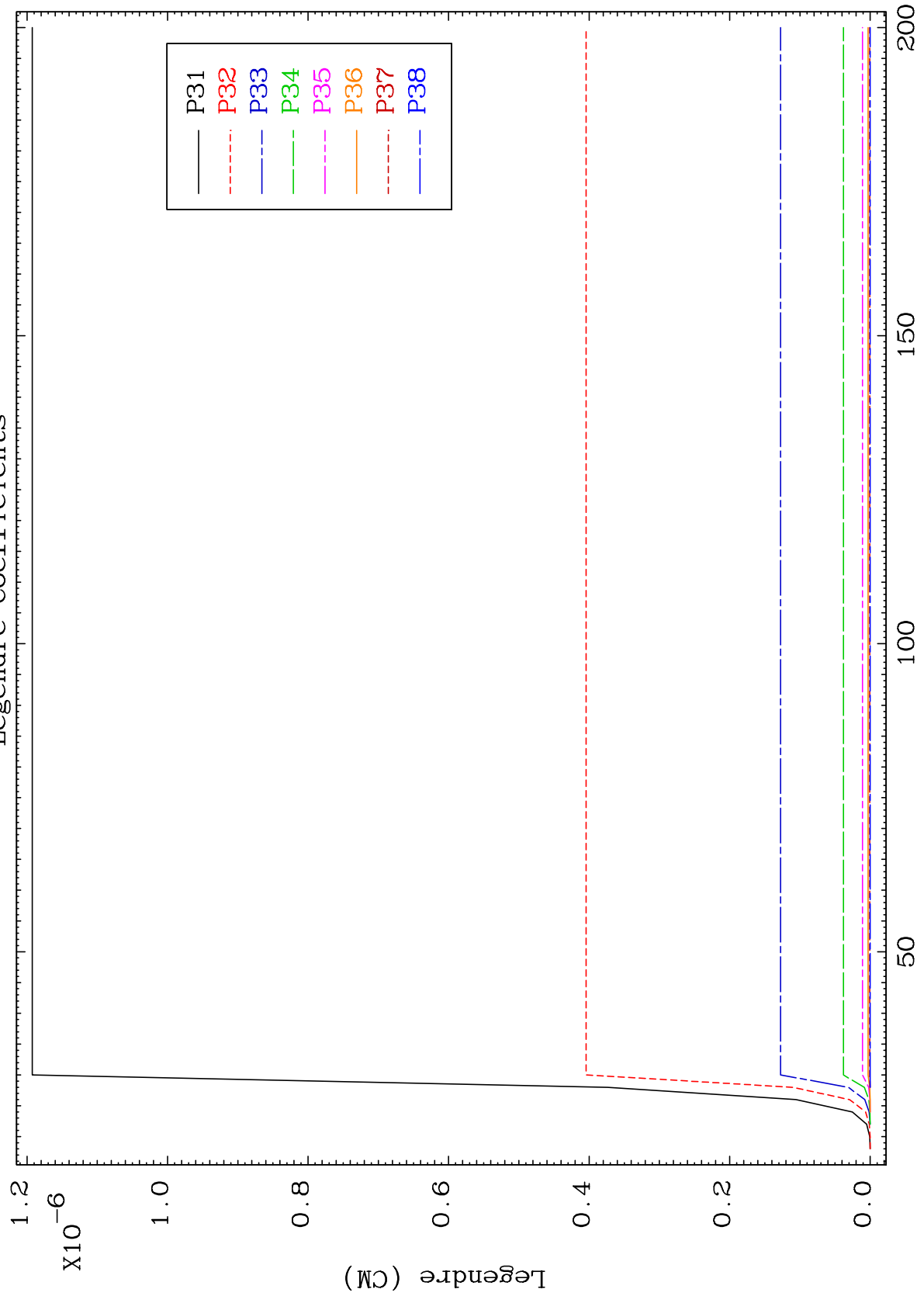
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



115

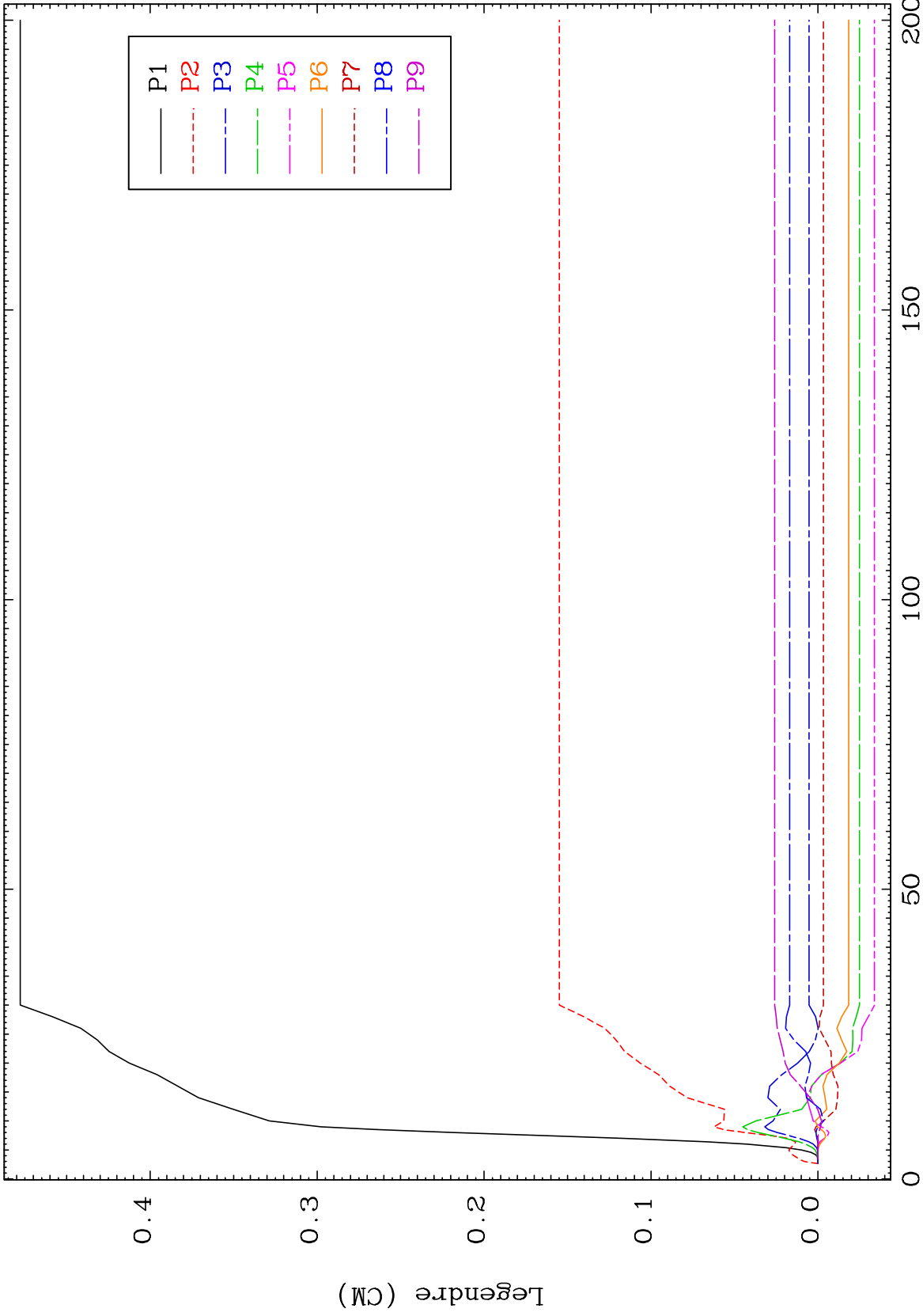
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



116

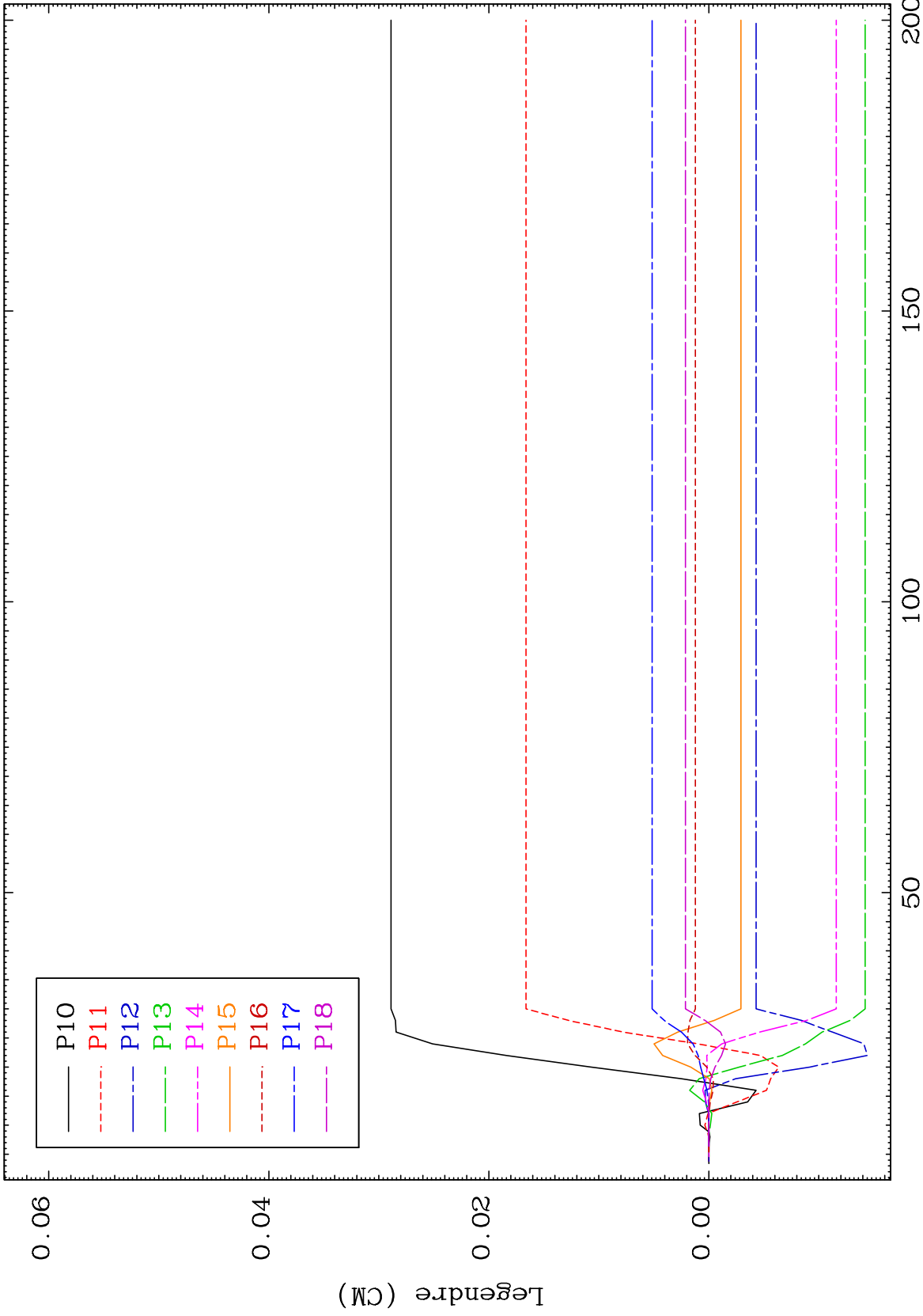
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



117

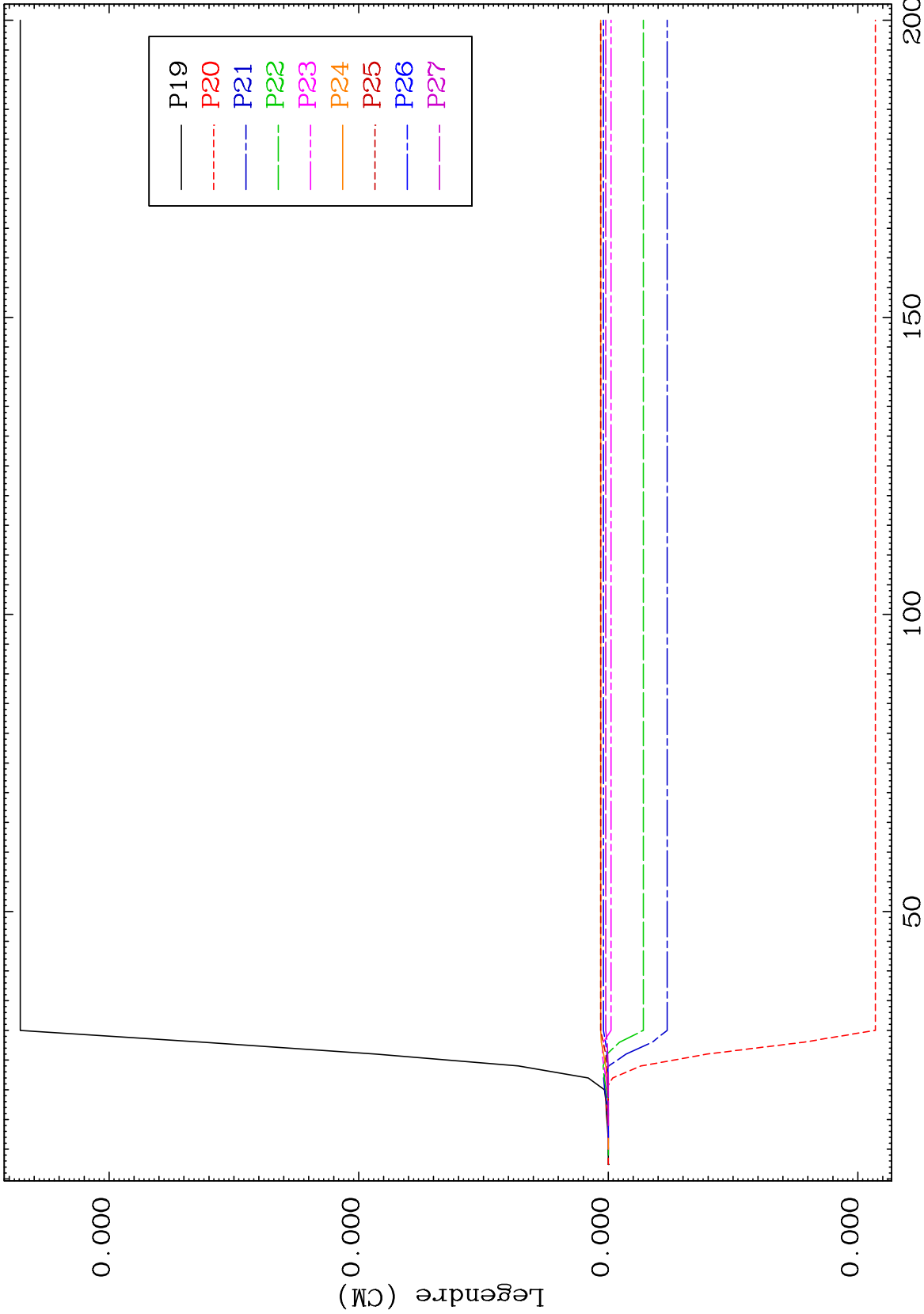
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



118

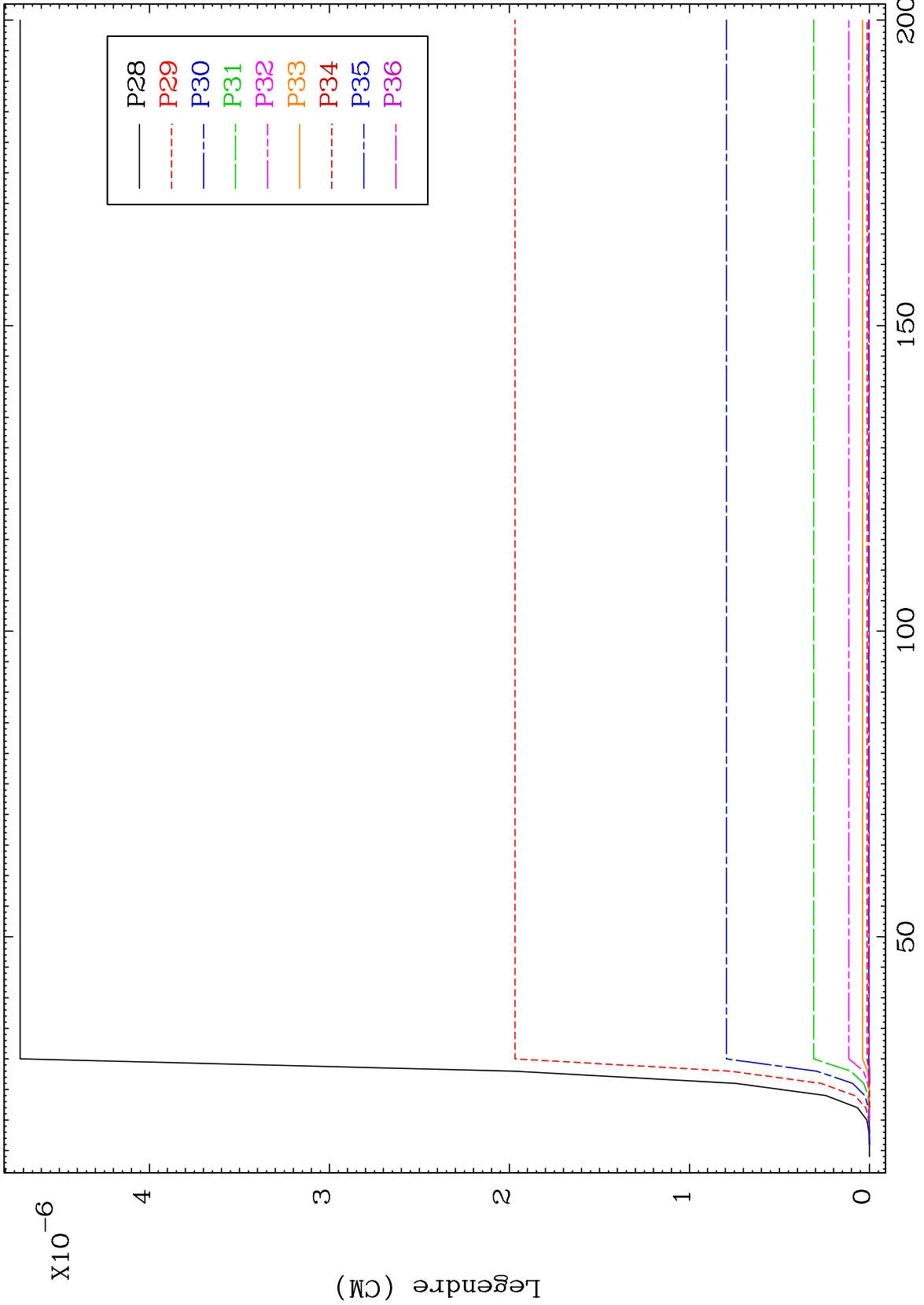
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



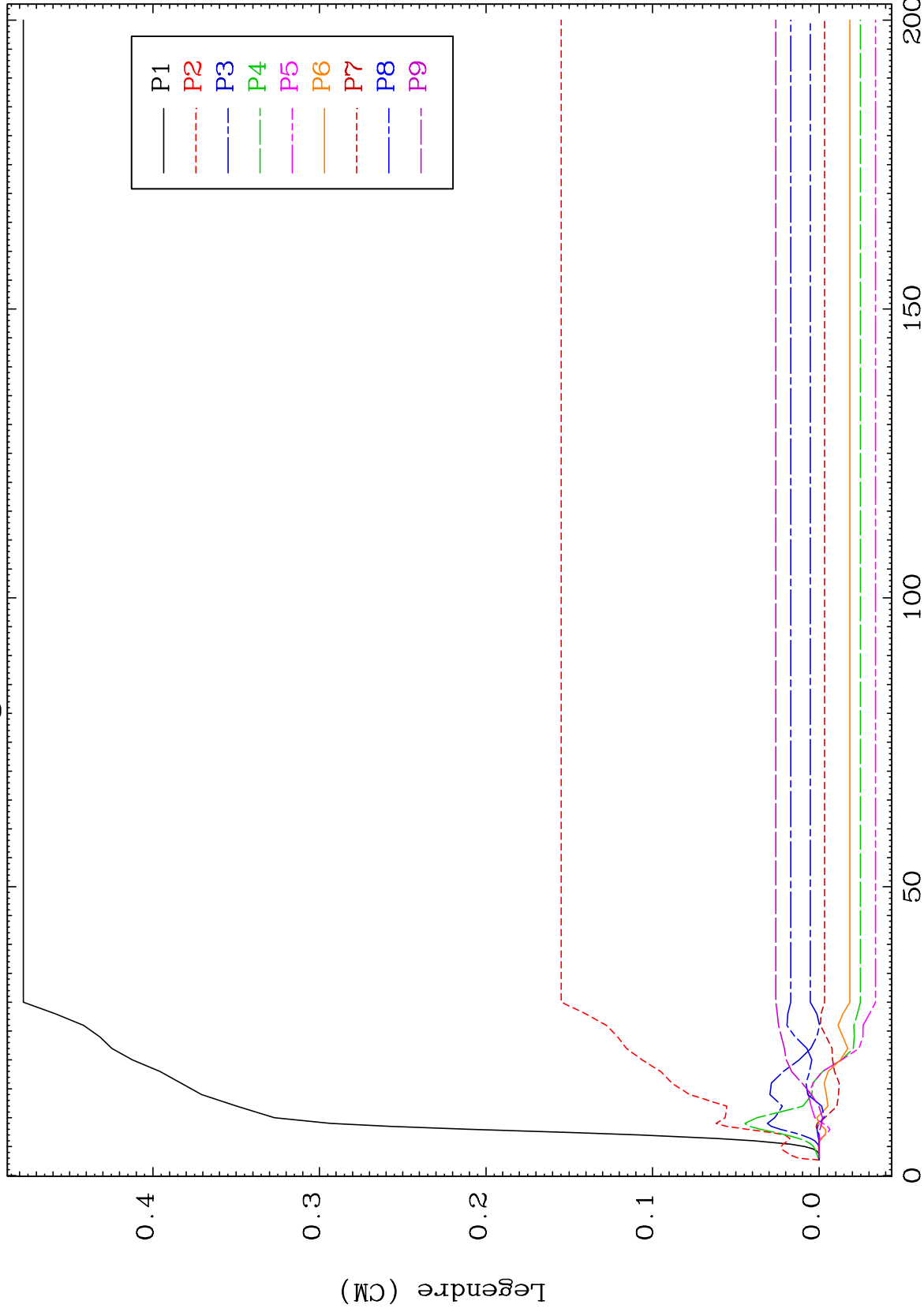
119

82-Pb-211

MAT 8246

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

82-Pb-211



120

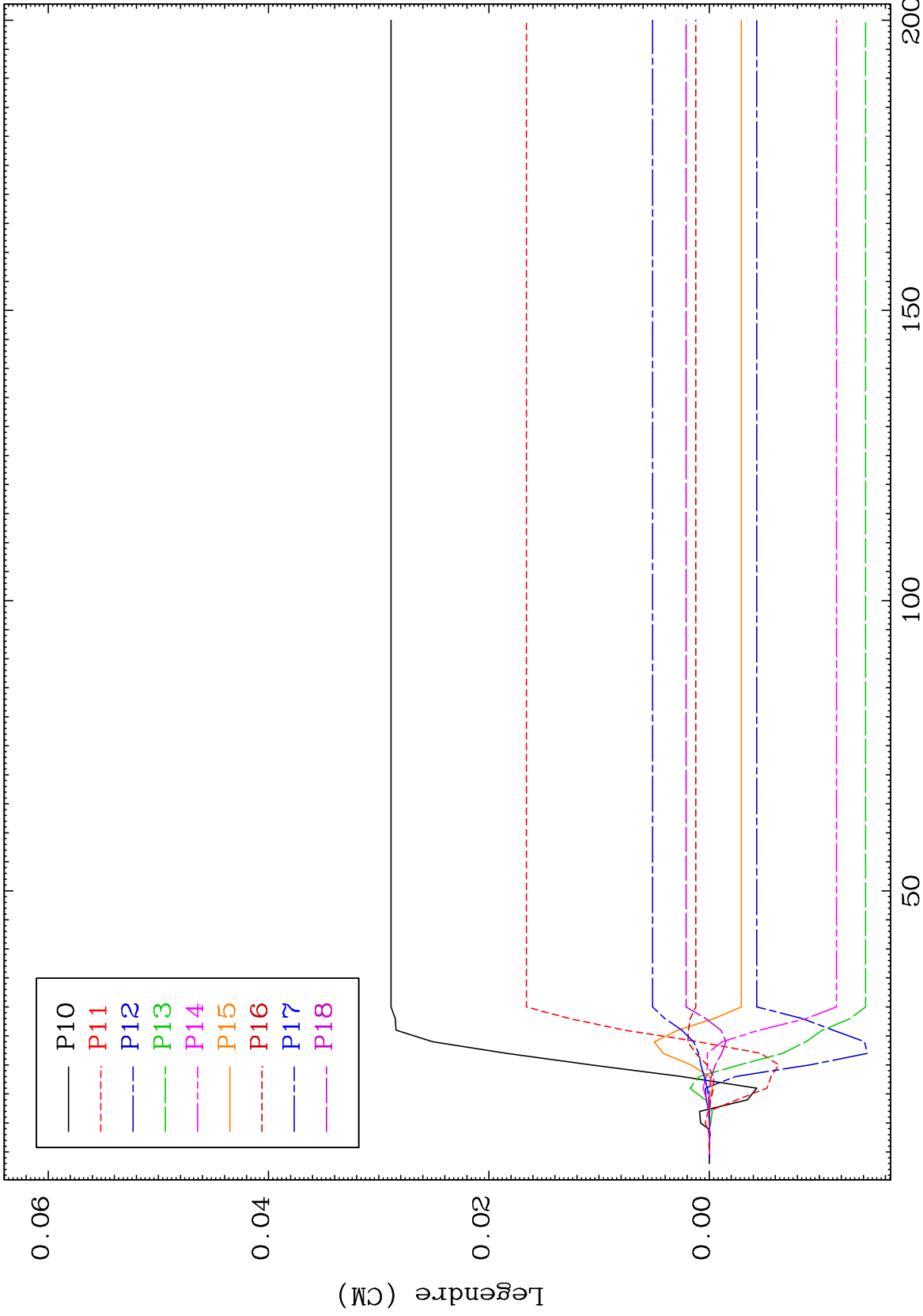
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



121

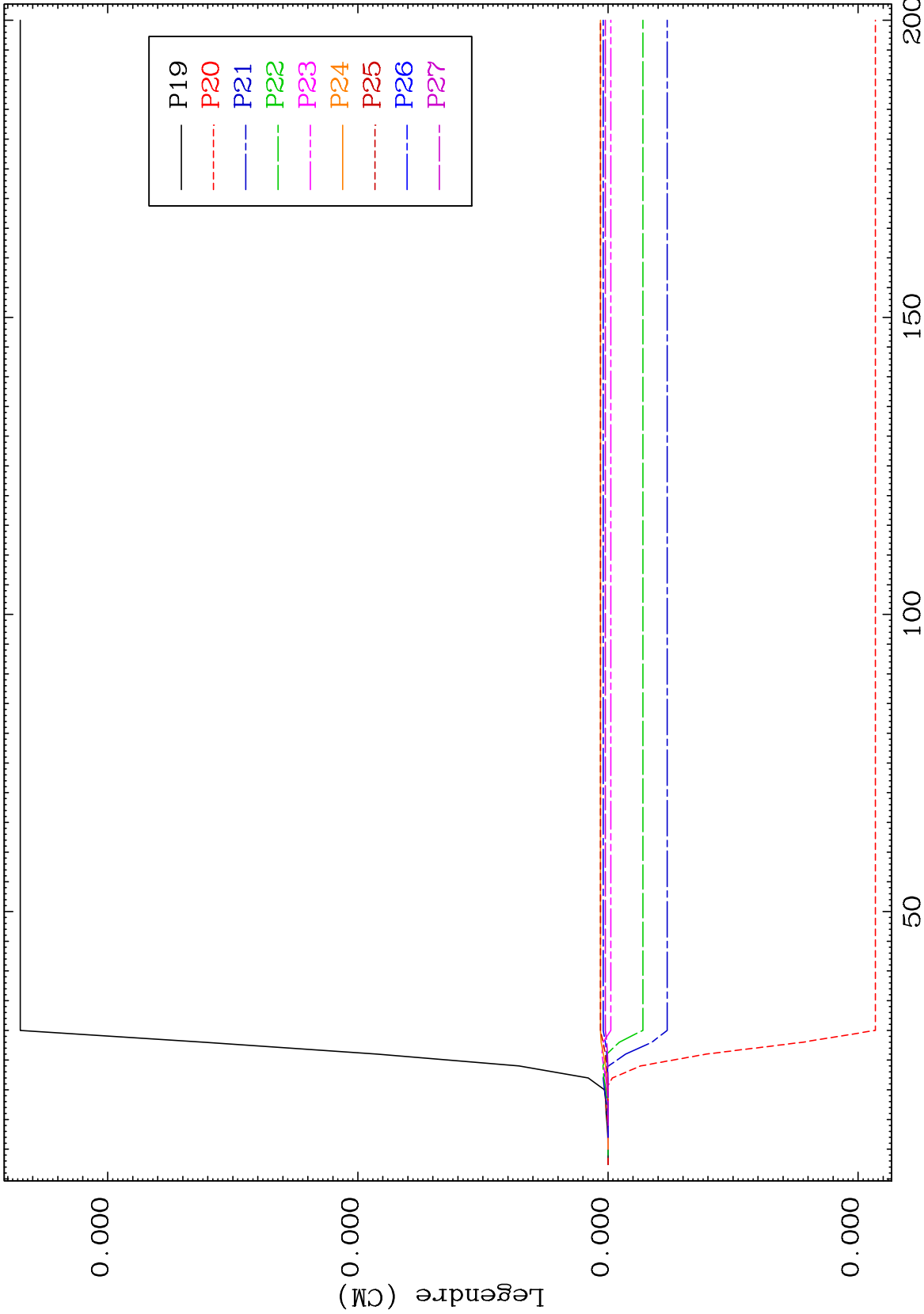
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



122

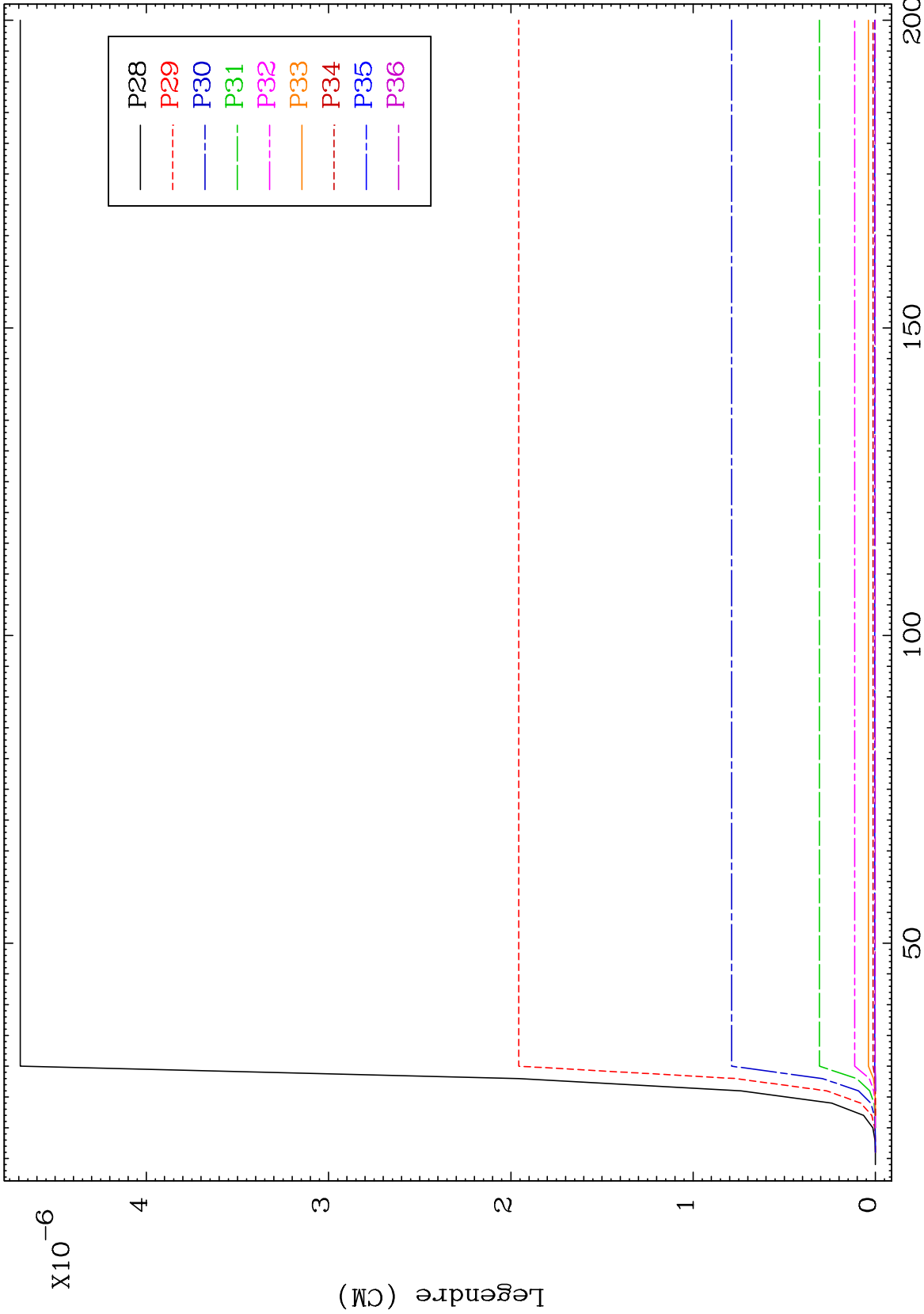
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



123

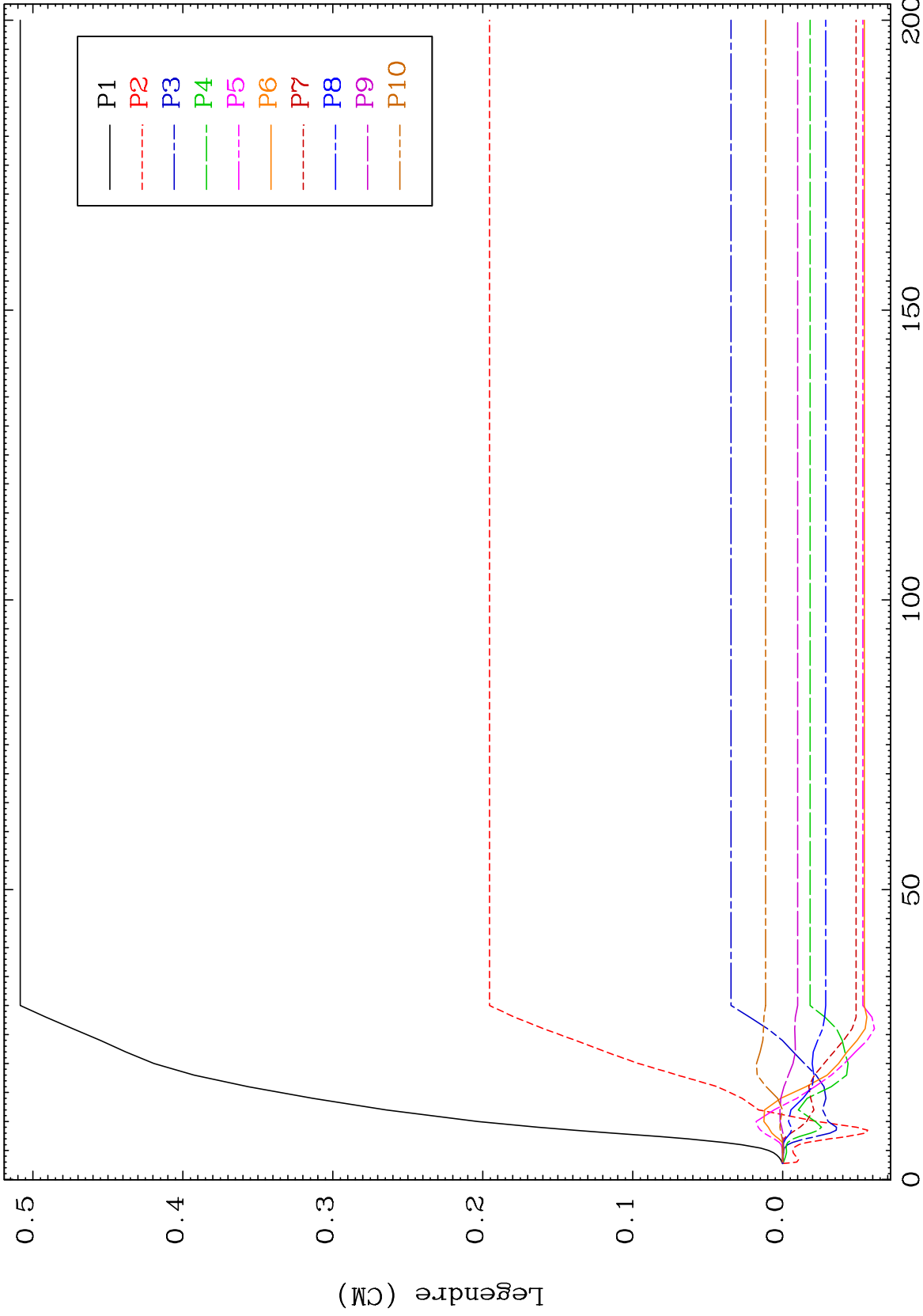
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



124

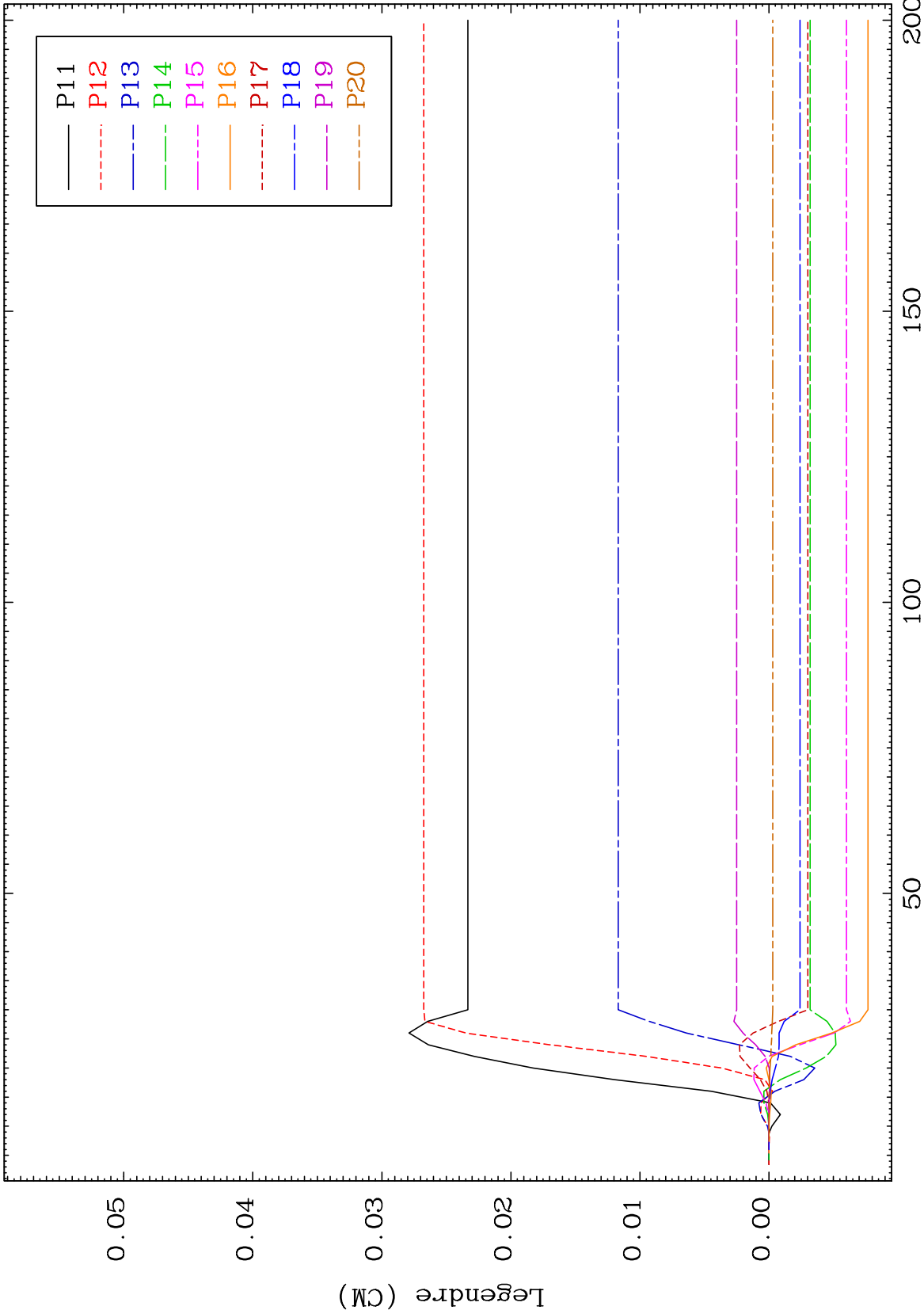
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



125

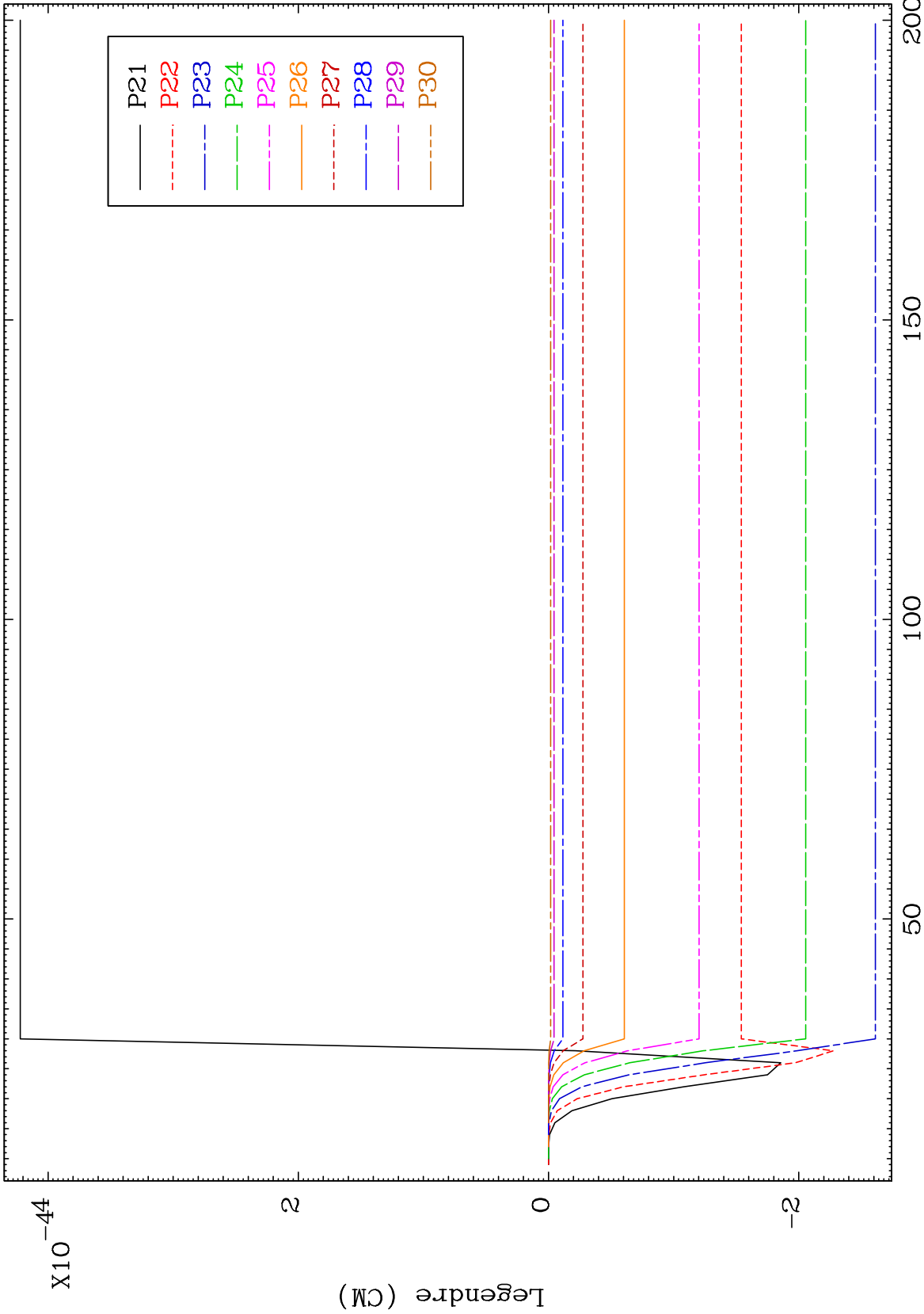
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

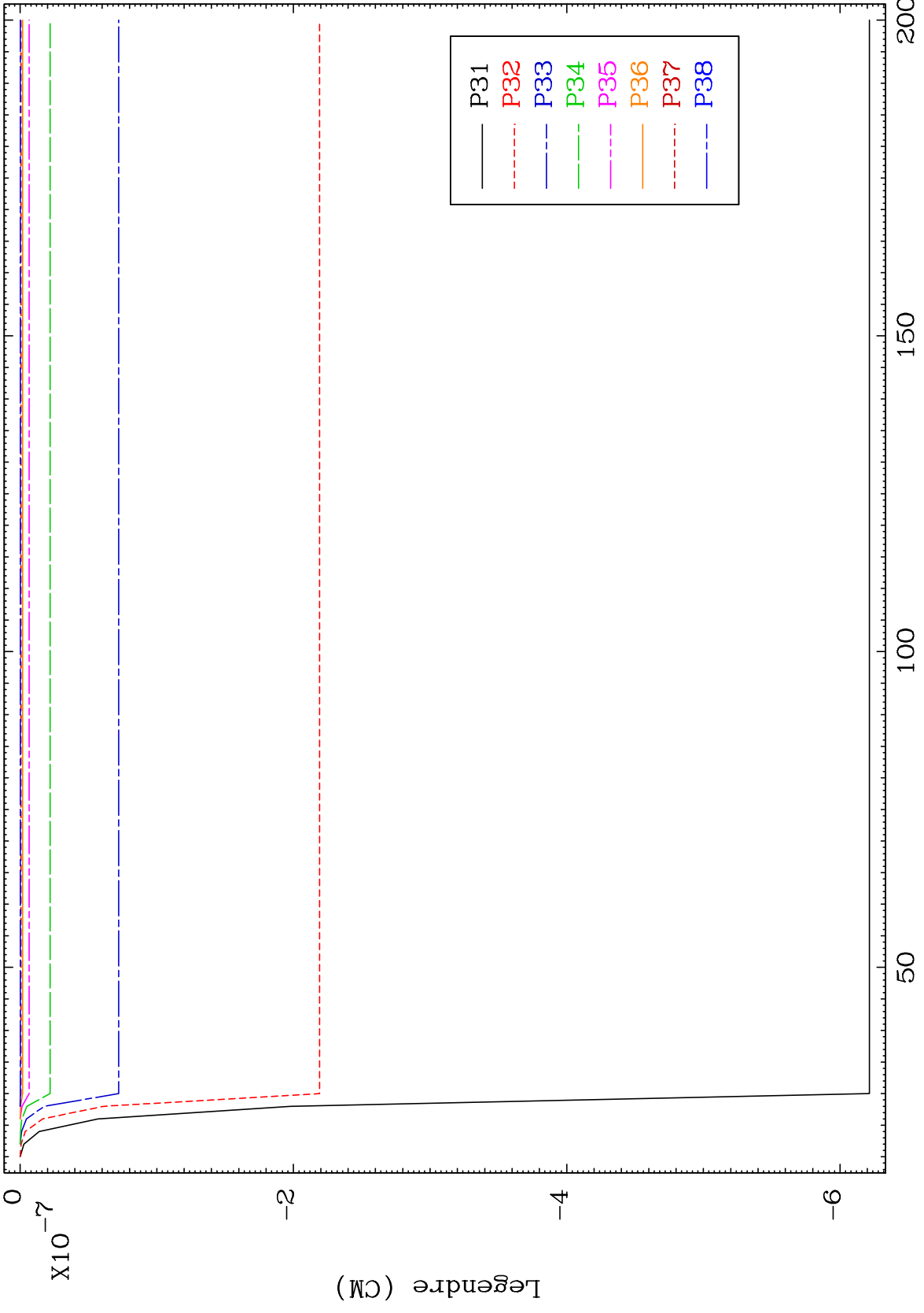
82-Pb-211



126

82-Pb-211

MAT 8246 MT= 77 (n,n') Level Legendre Coefficients 82-Pb-211

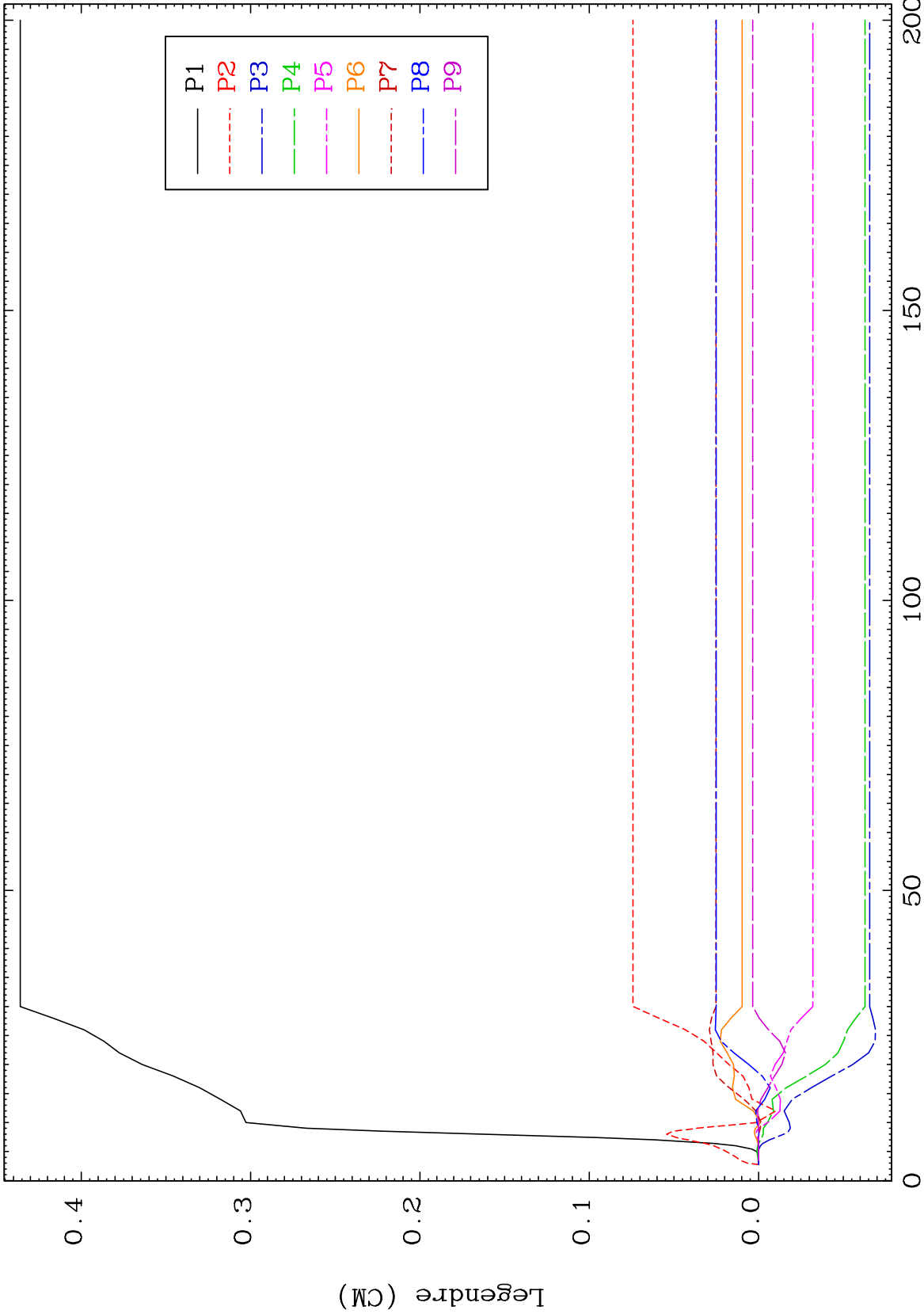


127 82-Pb-211

MAT 8246

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

82-Pb-211



128

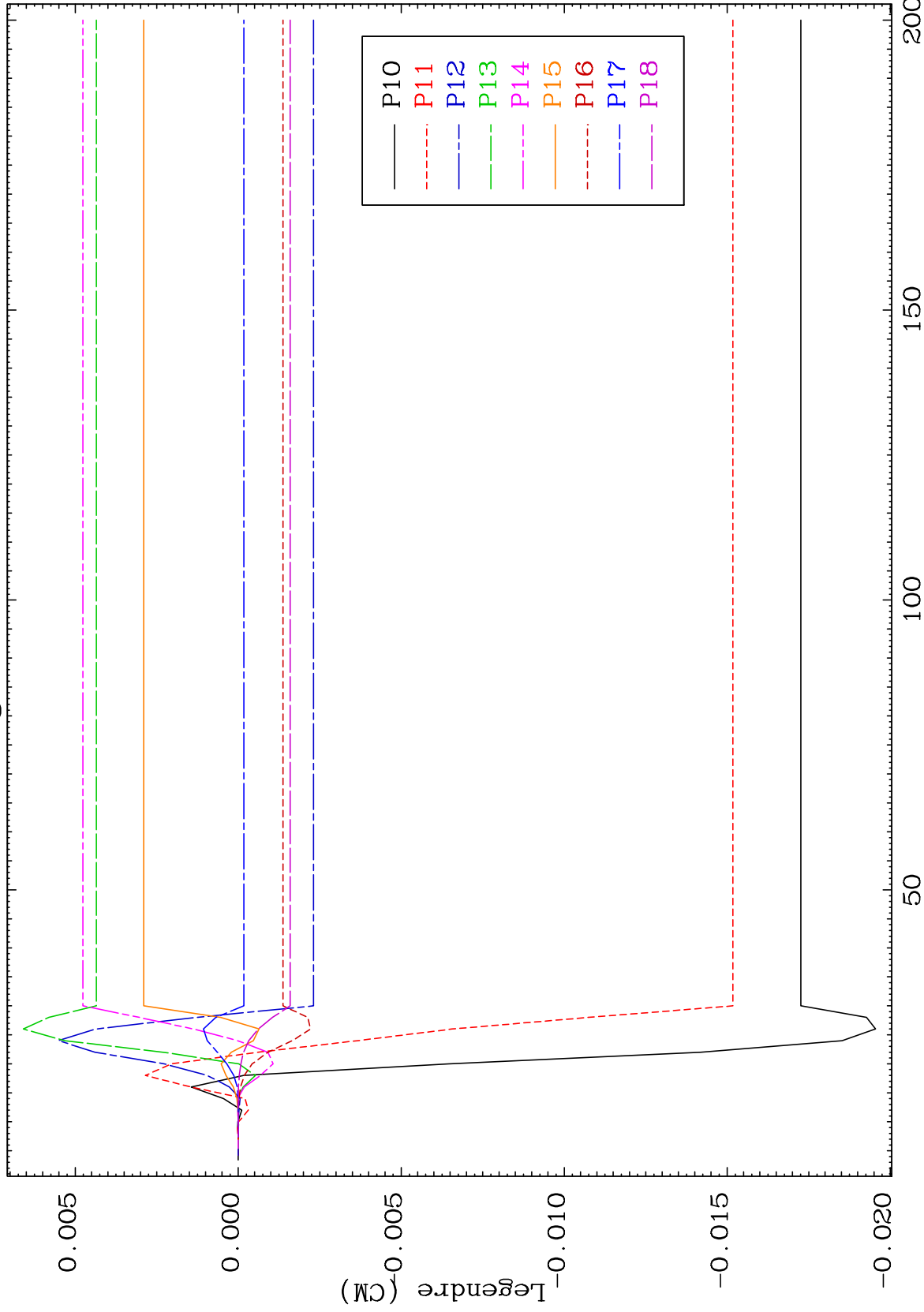
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



129

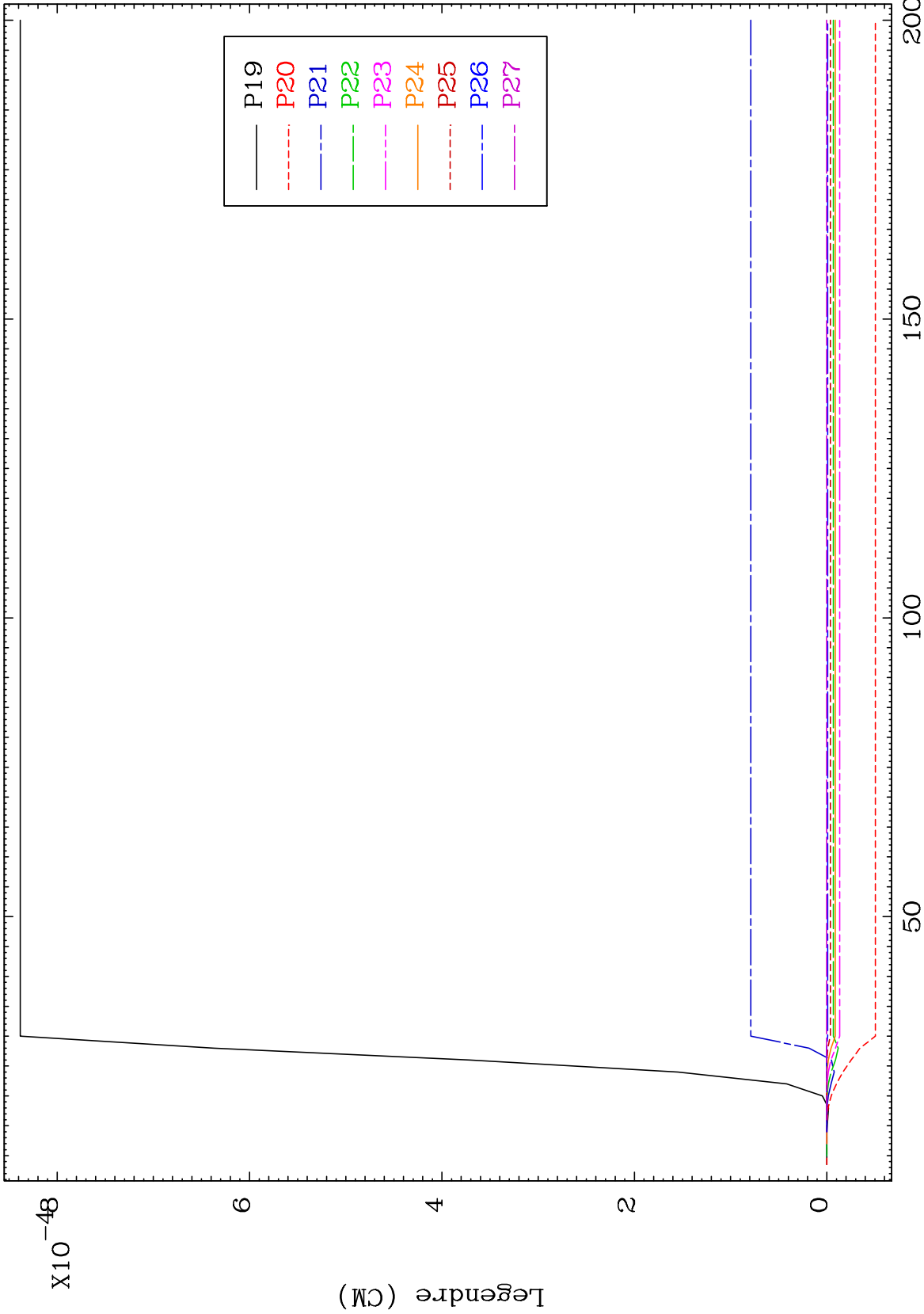
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



130

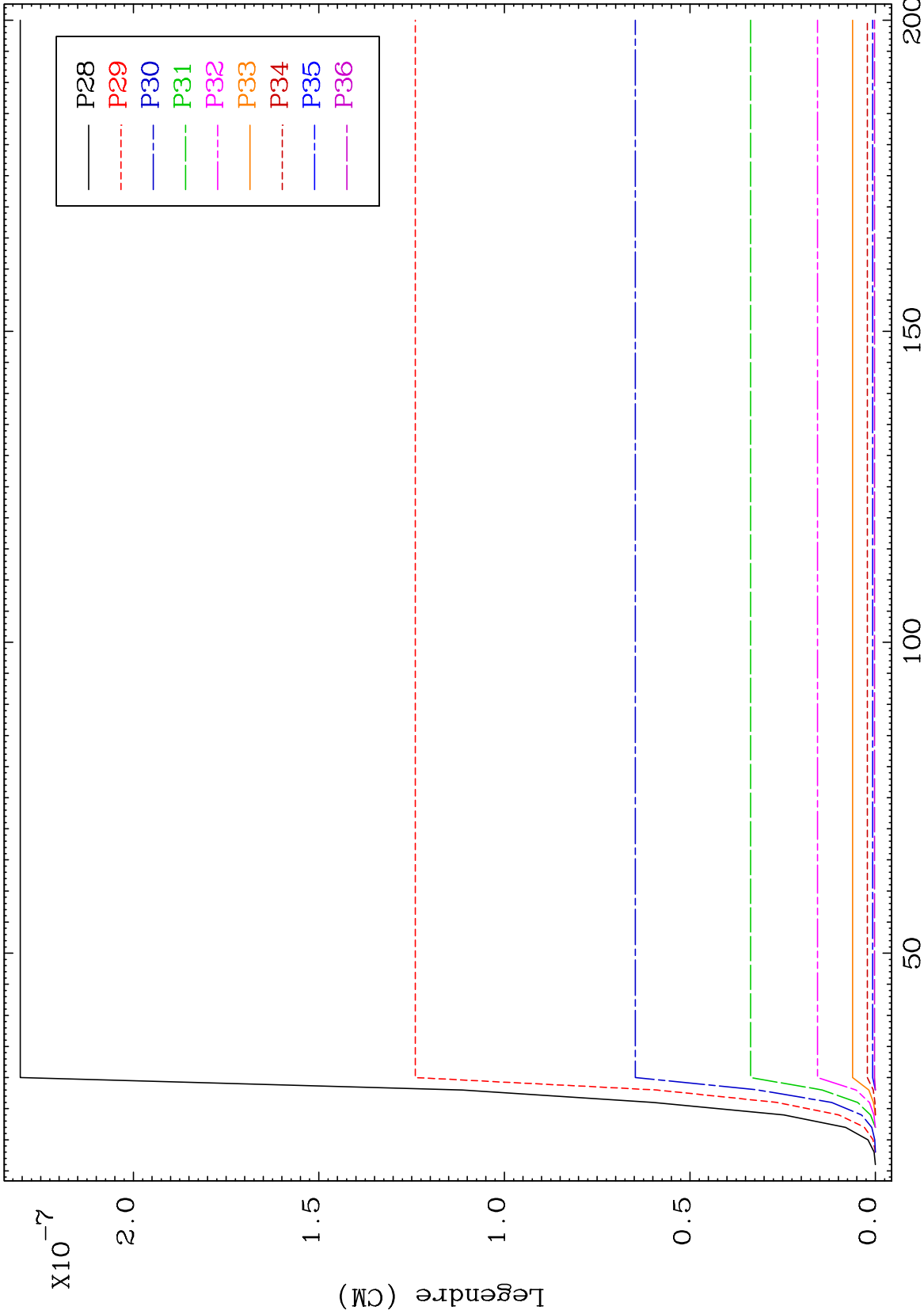
Incident Energy (MeV)

82-Pb-211

MAT 8246

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

82-Pb-211



131

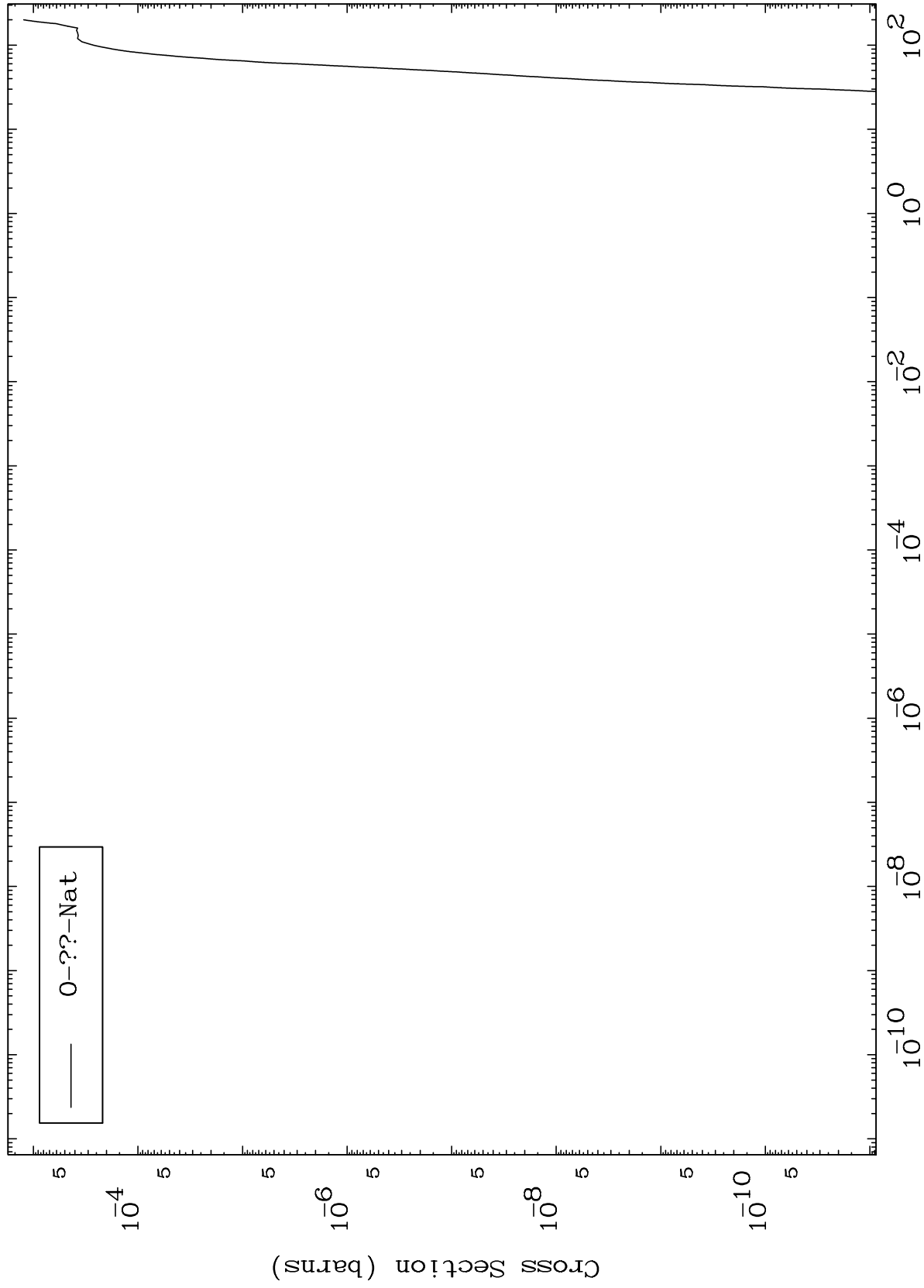
Incident Energy (MeV)

82-Pb-211

MAT 8246

Fission
Radionuclide Production Cross Section

82-Pb-211



132

Incident Energy (MeV)

82-Pb-211