

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

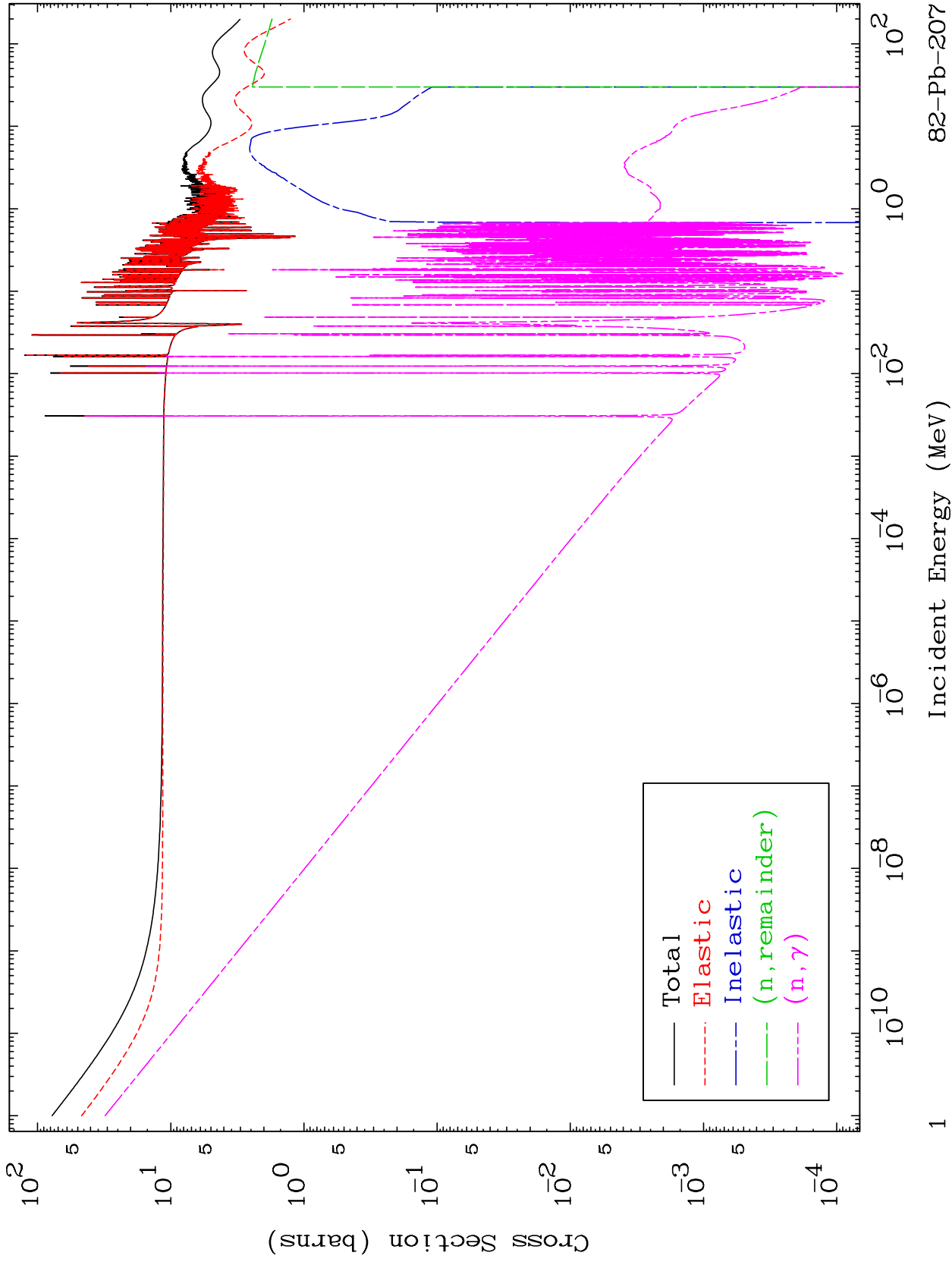
Press Mouse Button to Start

MAT 8234

Major

293 Kelvin Cross Sections

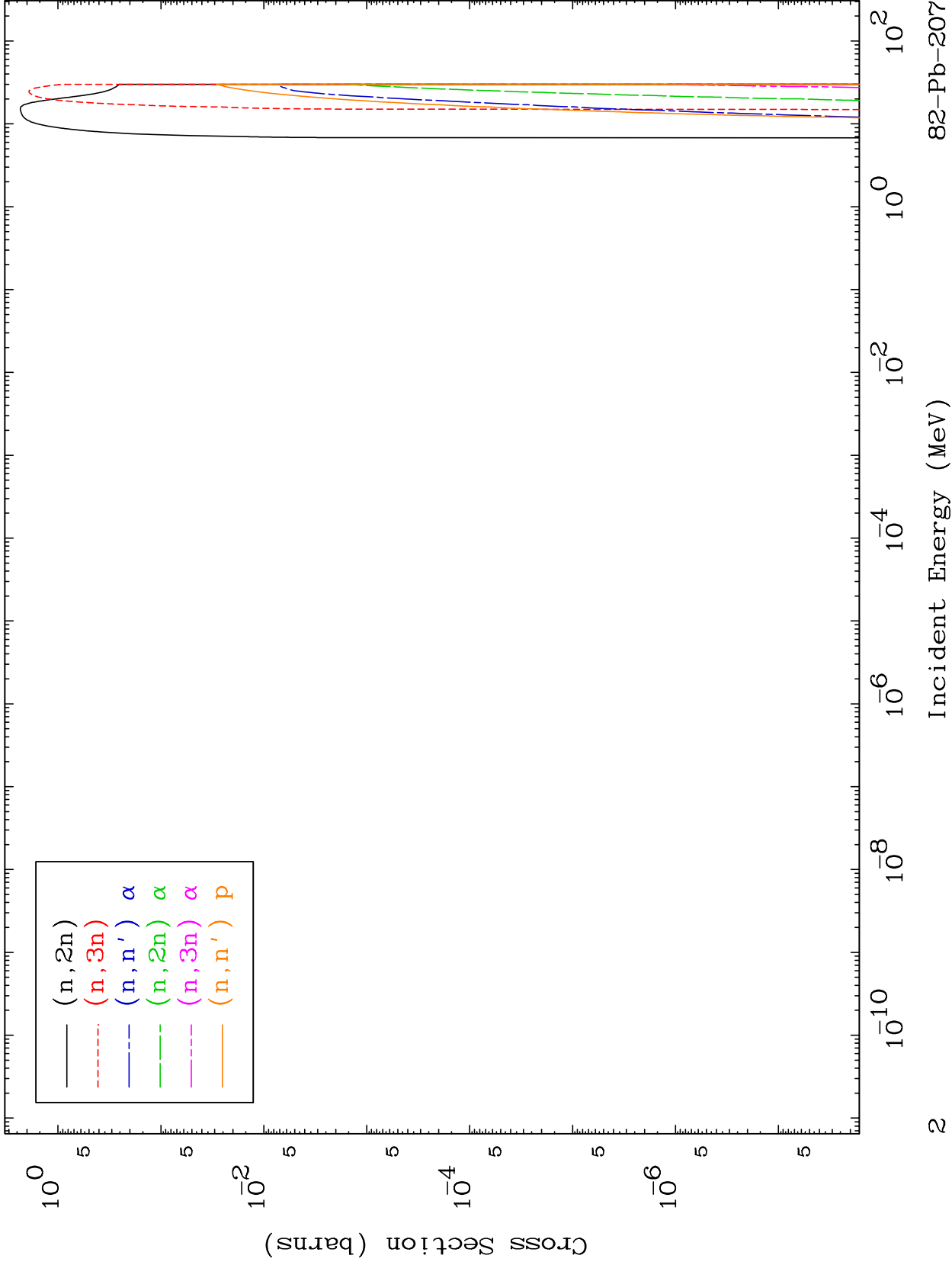
82-Pb-207

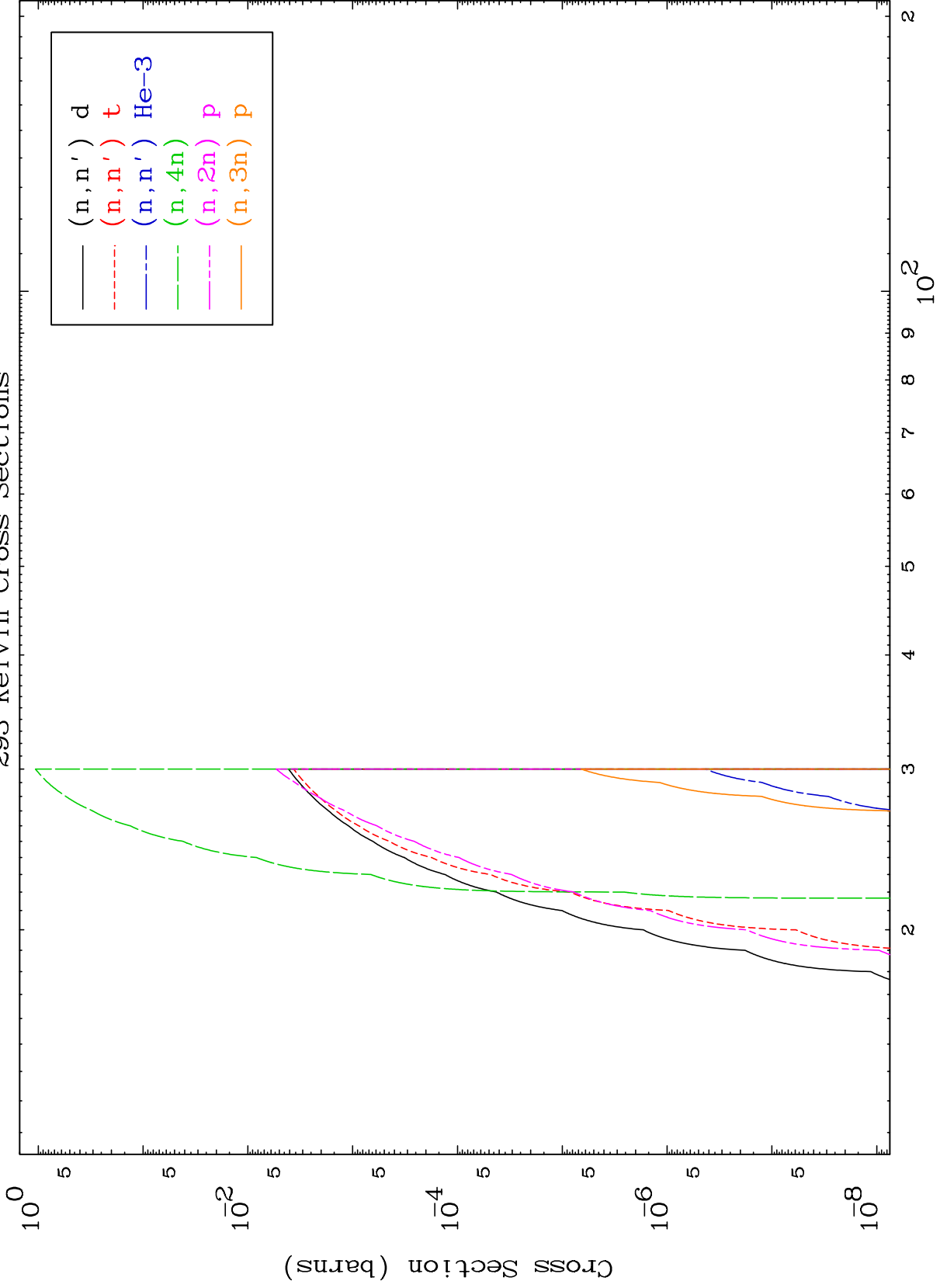


MAT 8234

Neutron Production
293 Kelvin Cross Sections

82-Pb-207

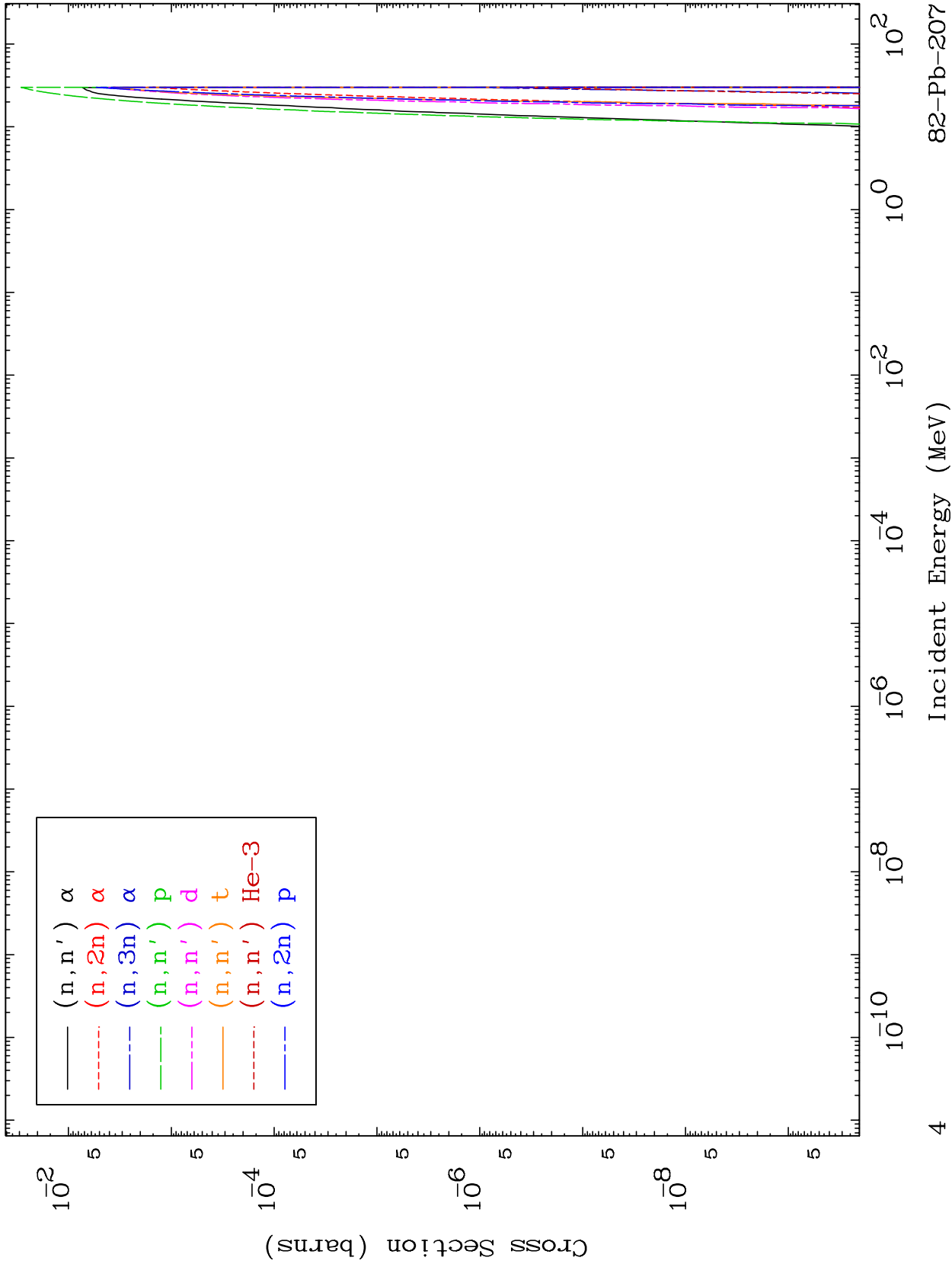




MAT 8234

Charged Particle
293 Kelvin Cross Sections

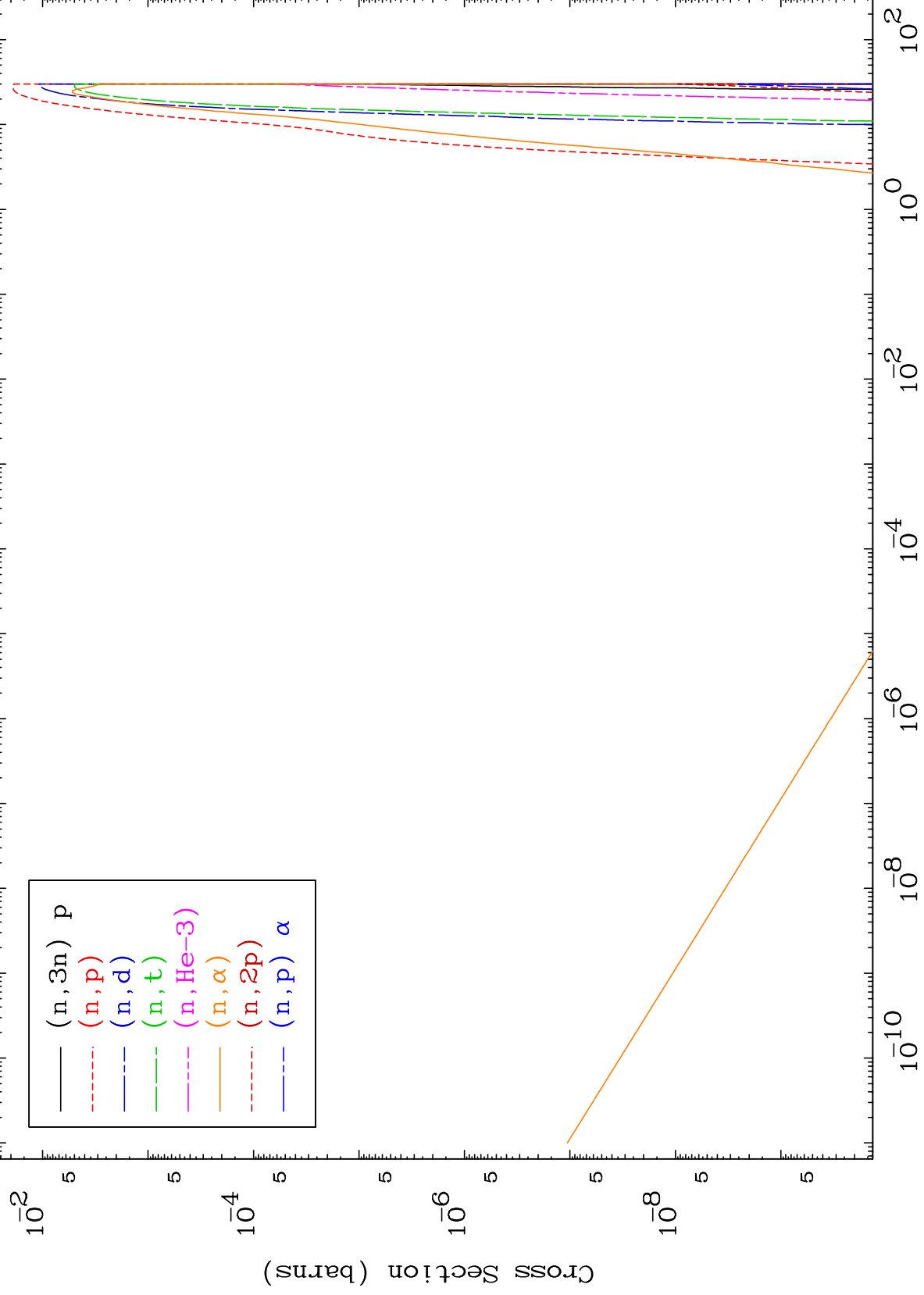
82-Pb-207



MAT 8234

Charged Particle
293 Kelvin Cross Sections

82-Pb-207



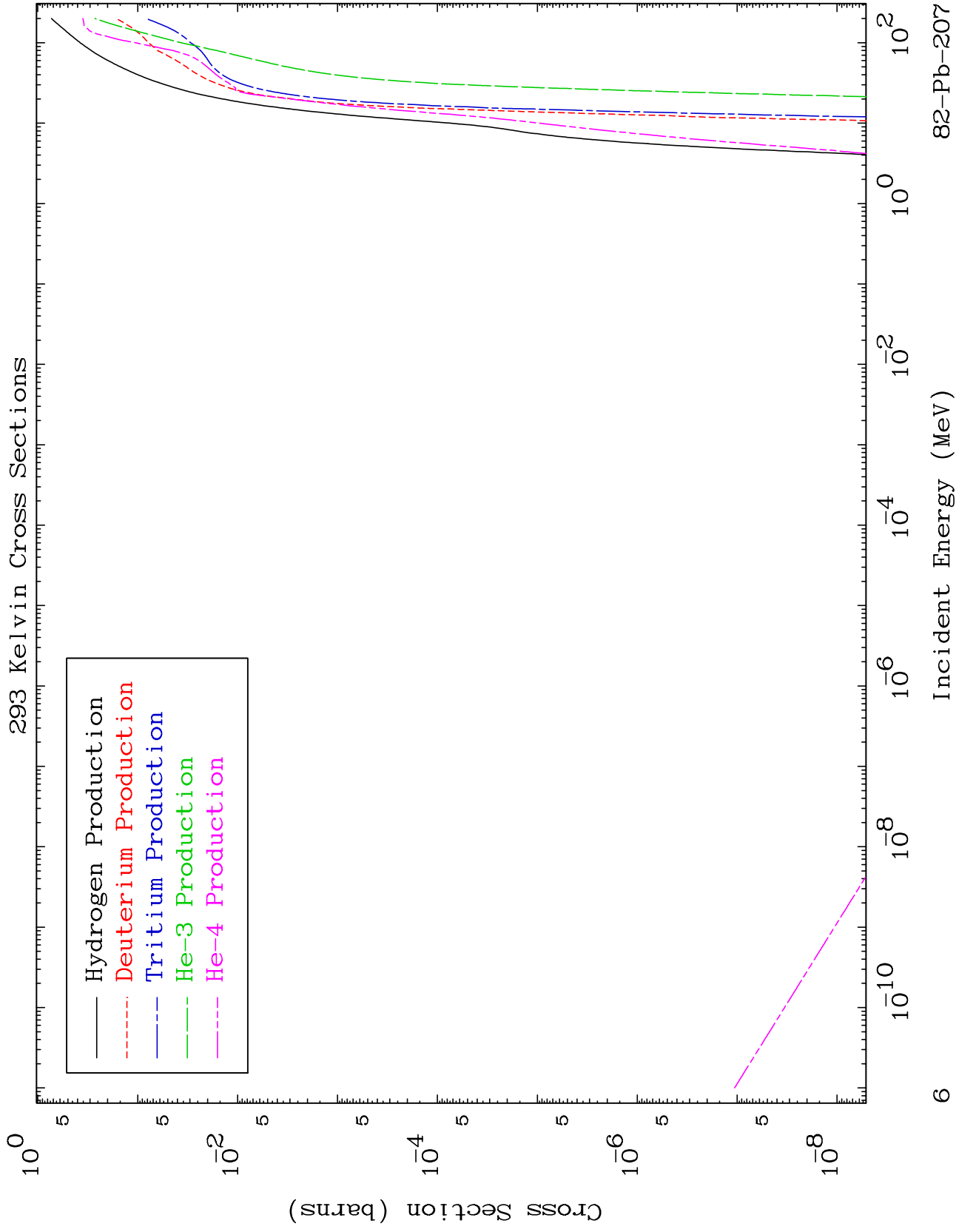
5

82-Pb-207

MAT 8234

Particle Production
293 Kelvin Cross Sections

82-Pb-207

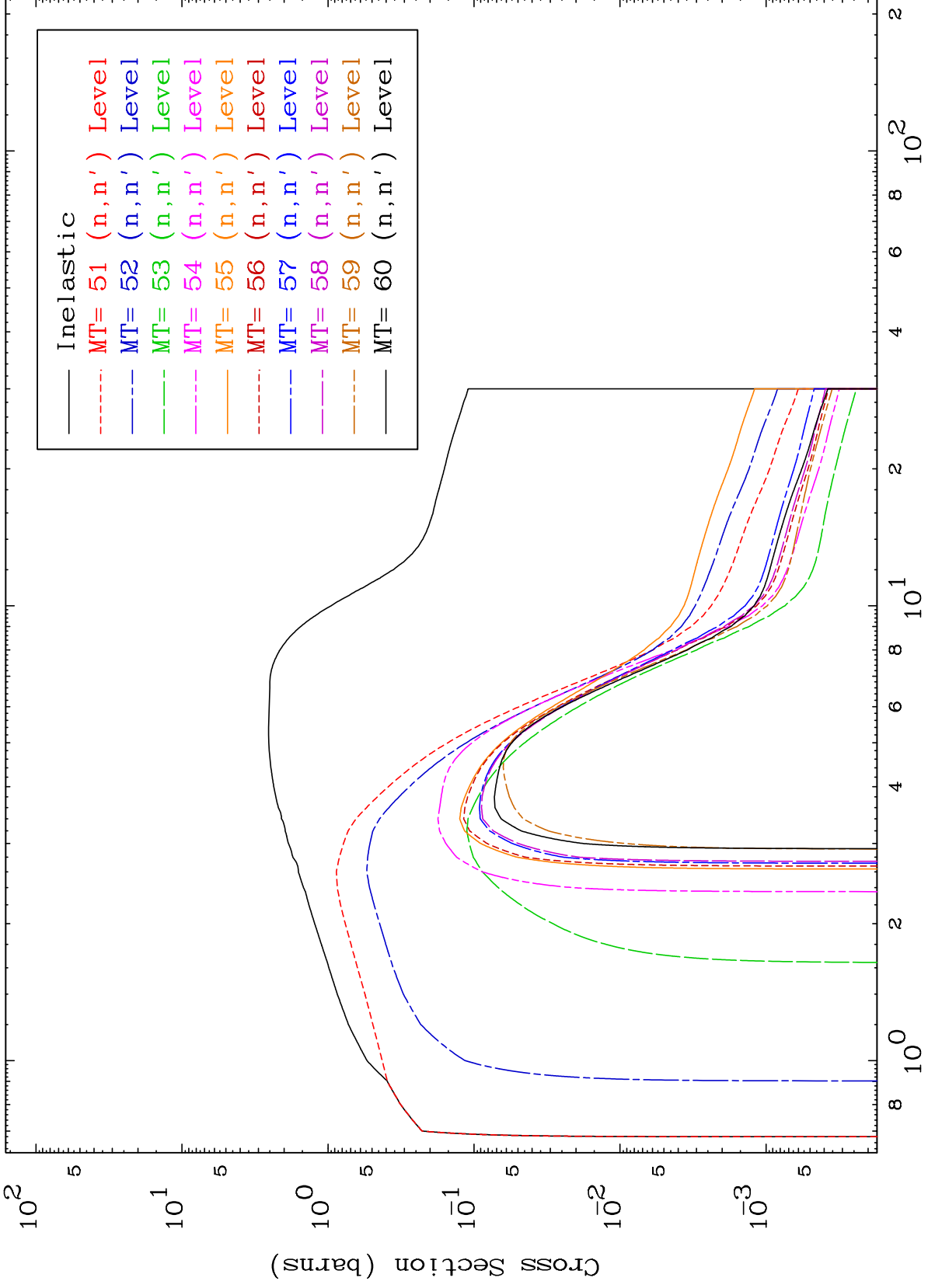


MAT 8234

(n,n') Level

82-Pb-207

293 Kelvin Cross Sections

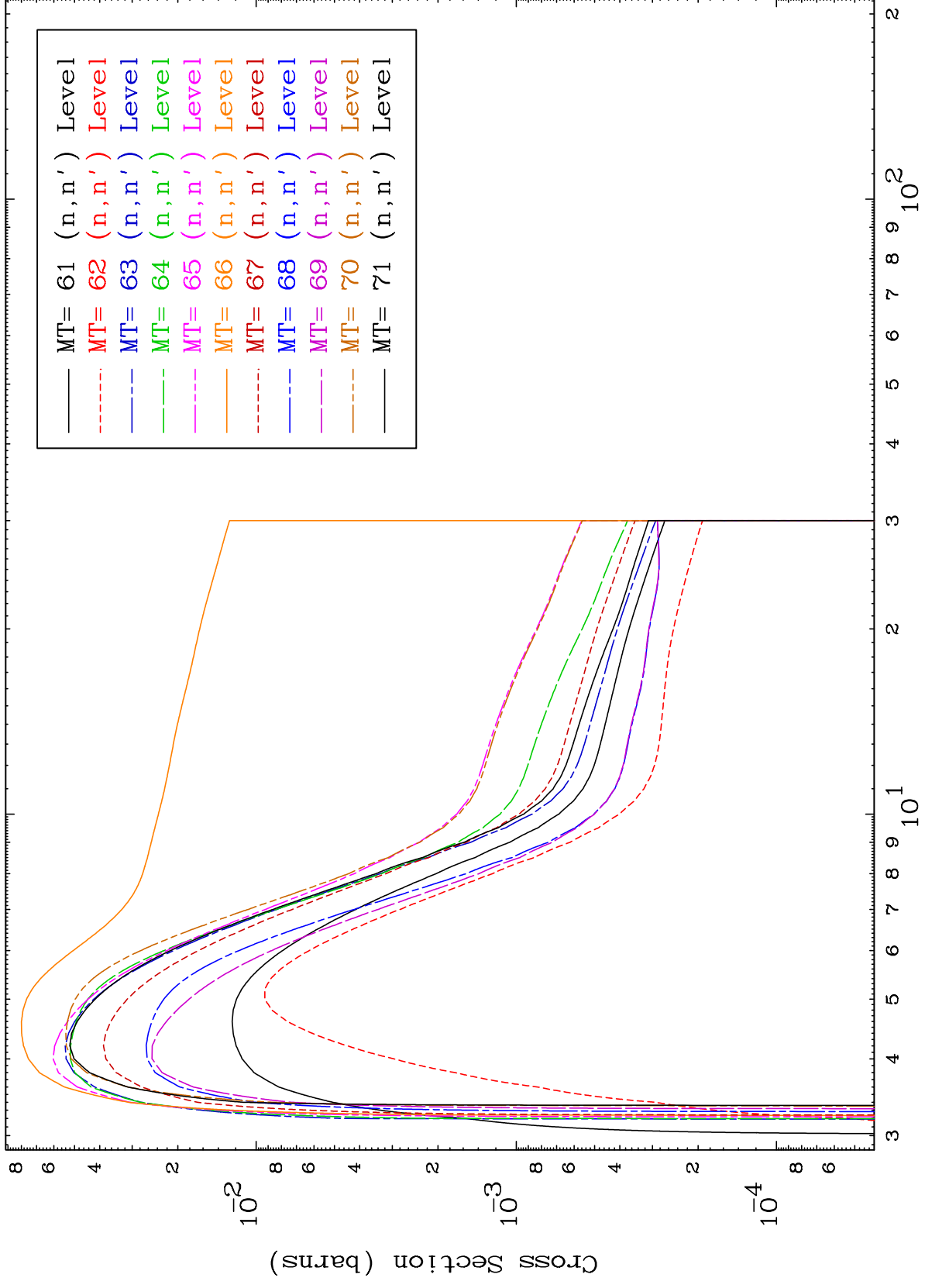


MAT 8234

(n,n') Level

82-Pb-207

293 Kelvin Cross Sections



Incident Energy (MeV)

82-Pb-207

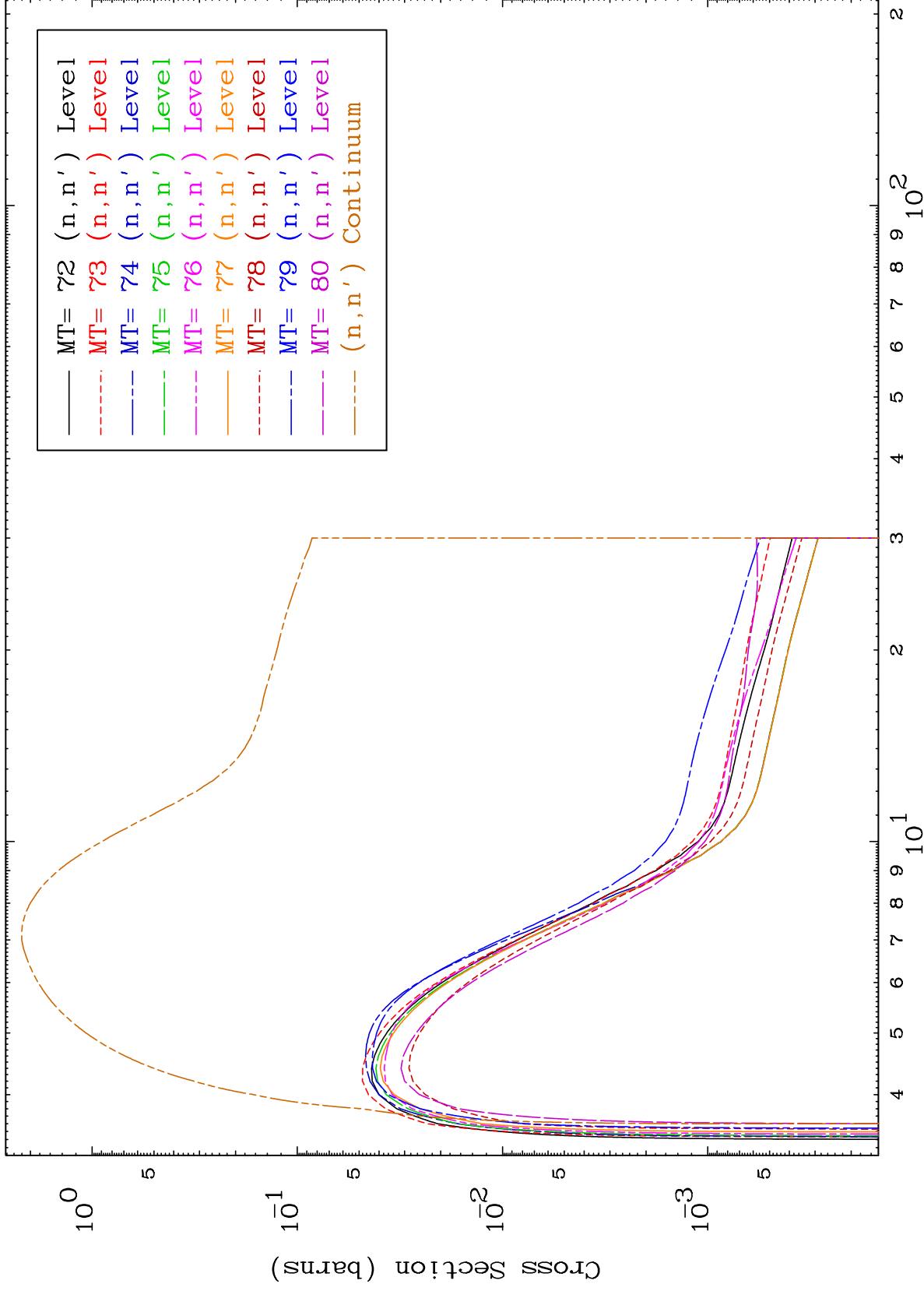
8

MAT 8234

(n,n') Level

82-Pb-207

293 Kelvin Cross Sections



9

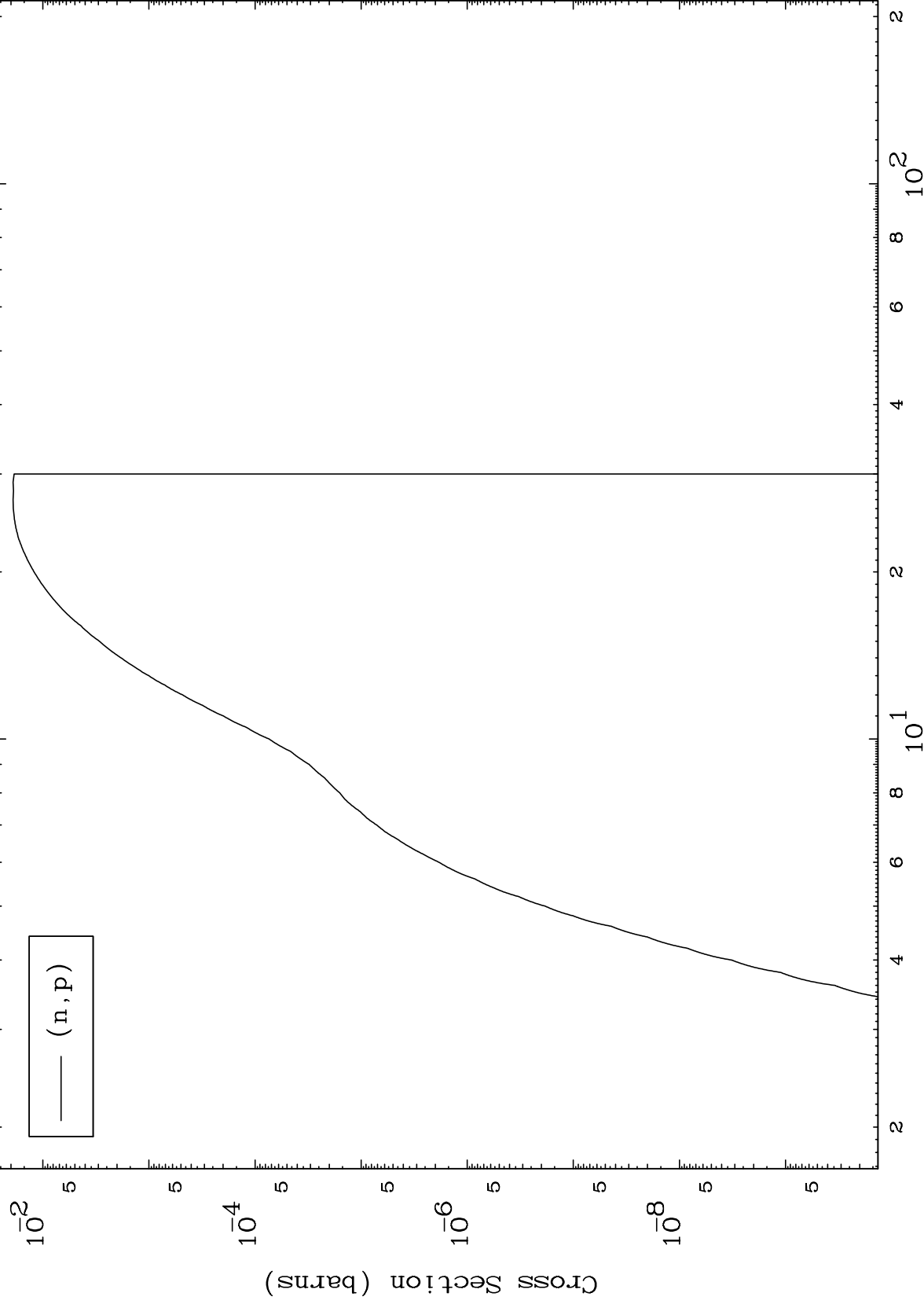
Incident Energy (MeV)

82-Pb-207

MAT 8234

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-207



10

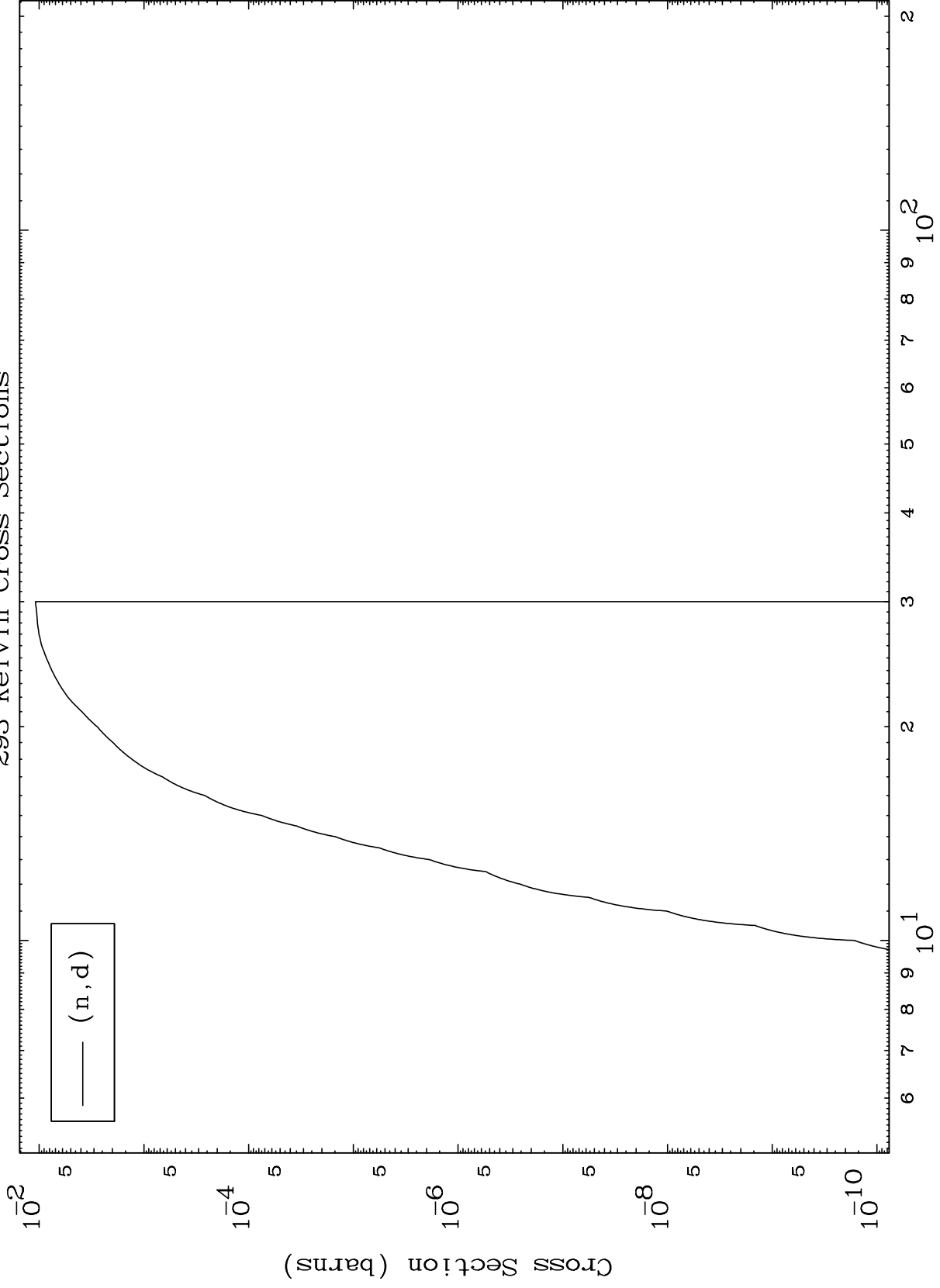
Incident Energy (MeV)

82-Pb-207

MAT 8234

(n,d) Levels
293 Kelvin Cross Sections

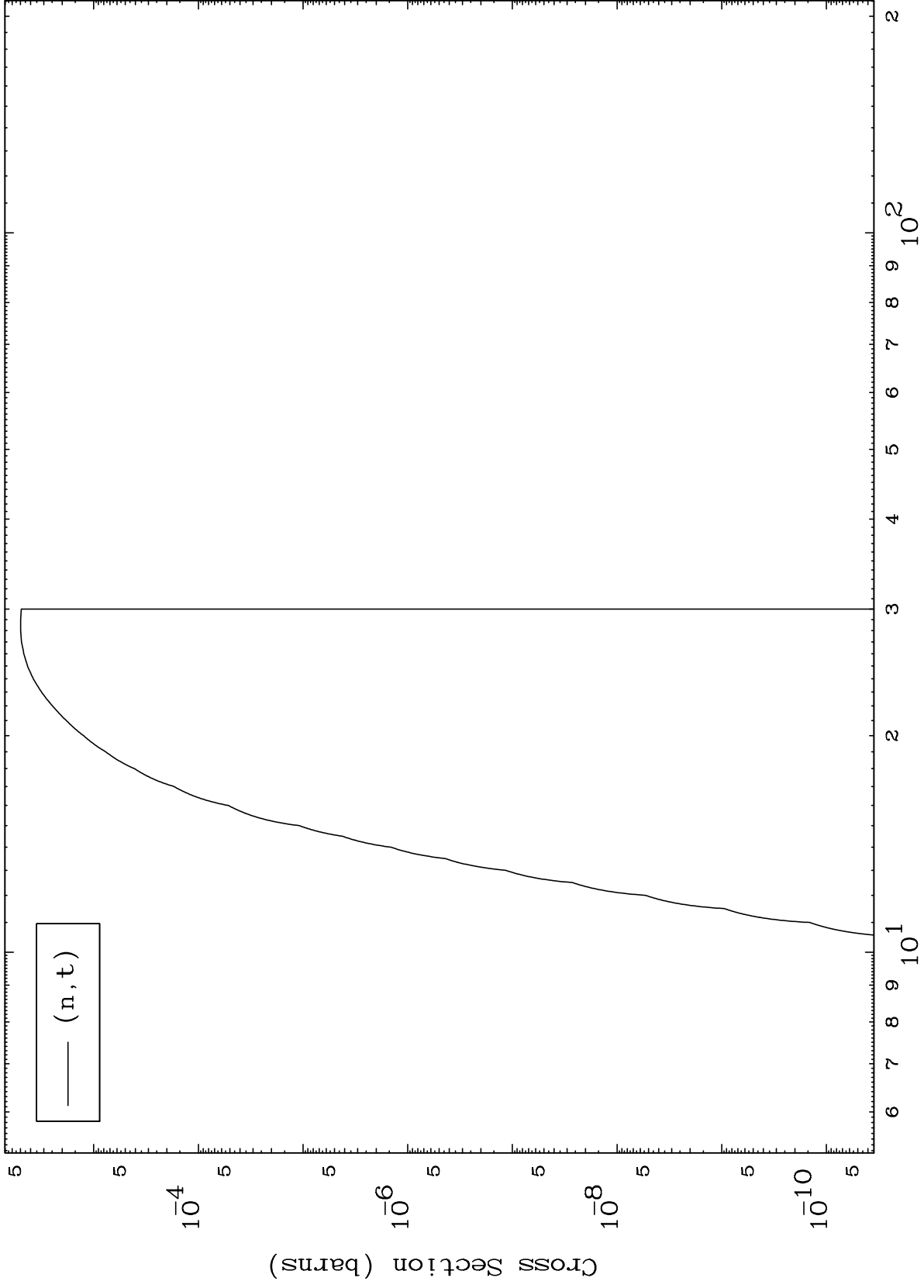
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MAT 8234

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-207



12

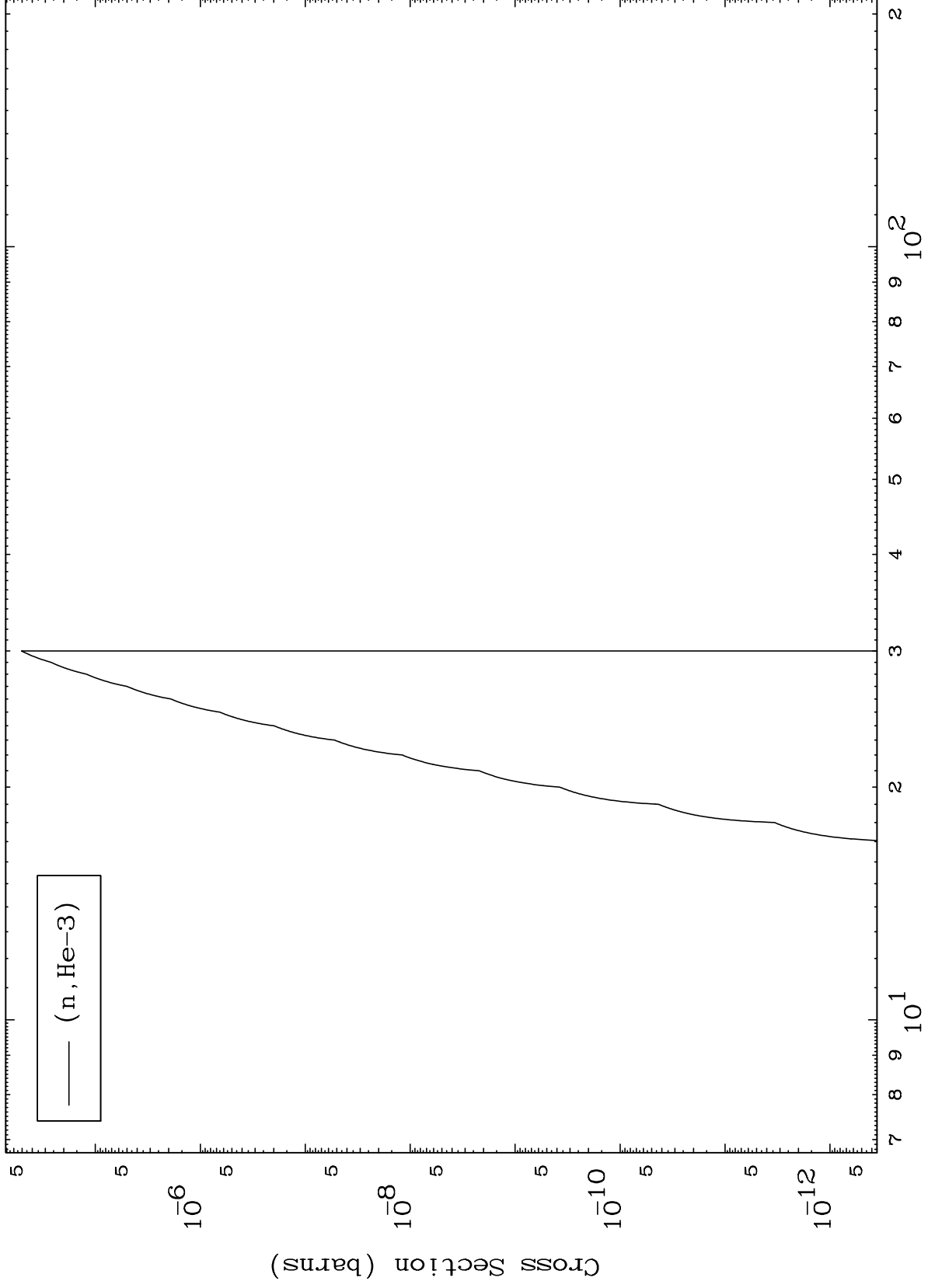
Incident Energy (MeV)

82-Pb-207

MAT 8234

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-207



13

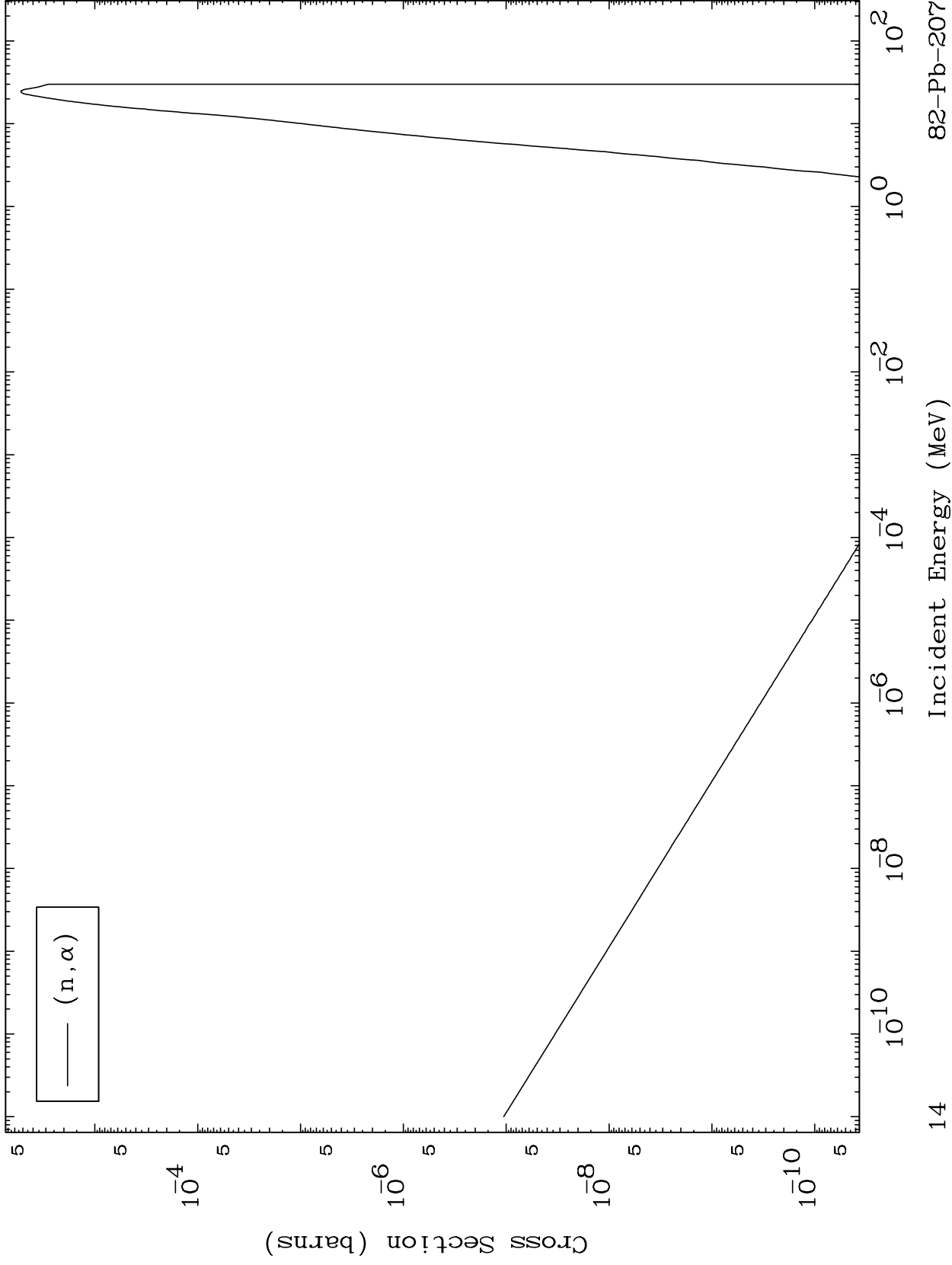
Incident Energy (MeV)

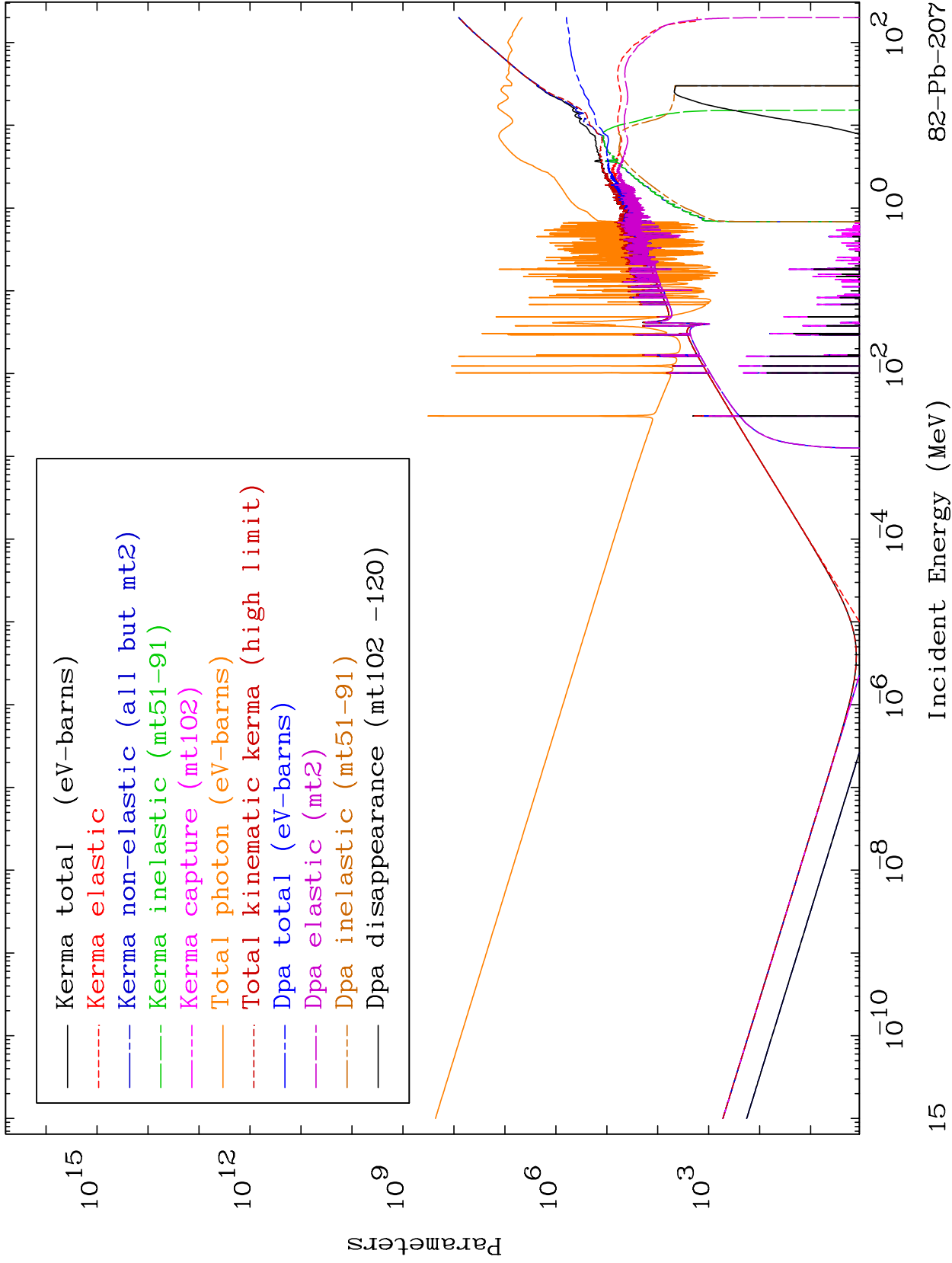
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MAT 8234

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-207

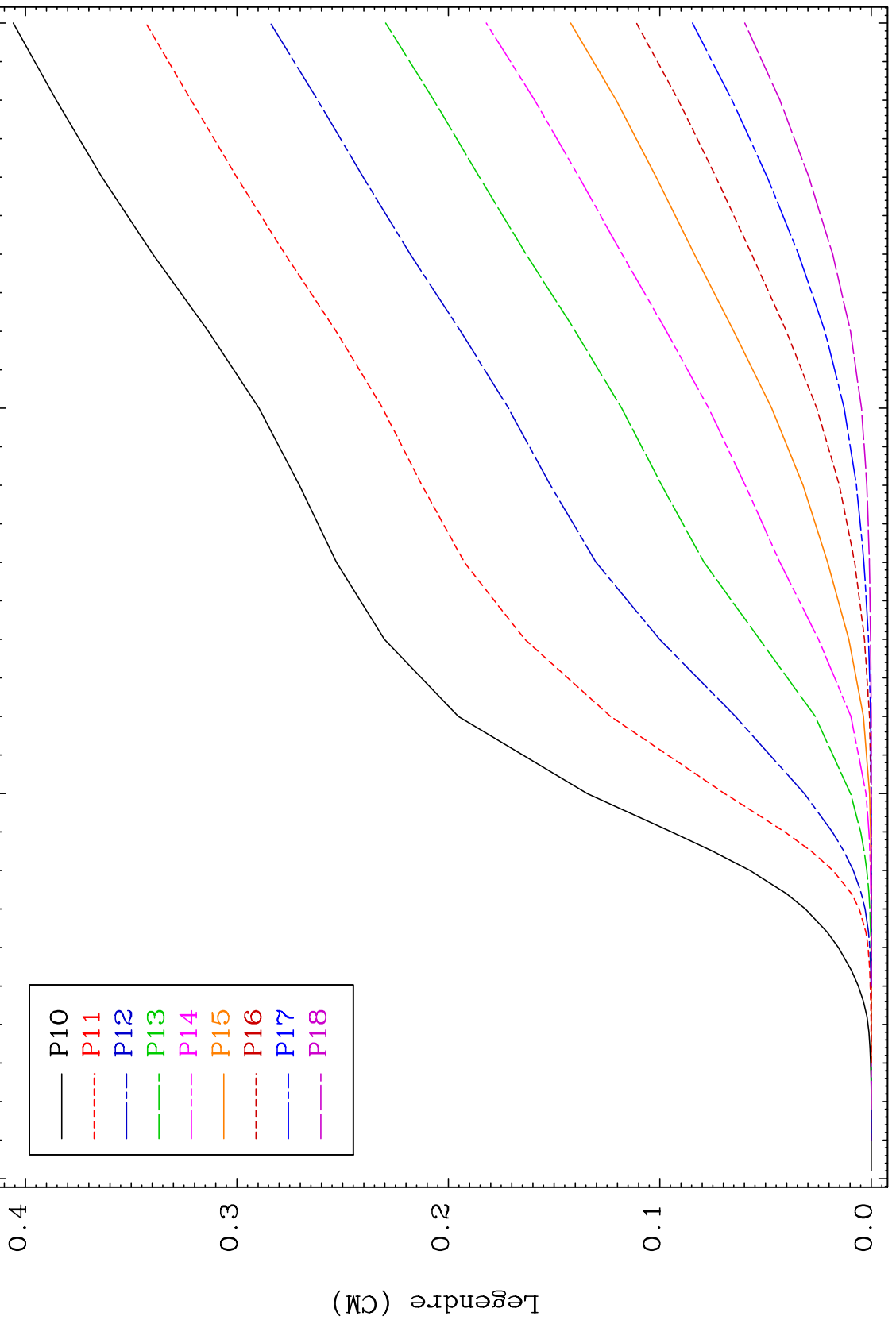




MAT 8234

Elastic Legendre Coefficients

82-Pb-207



17

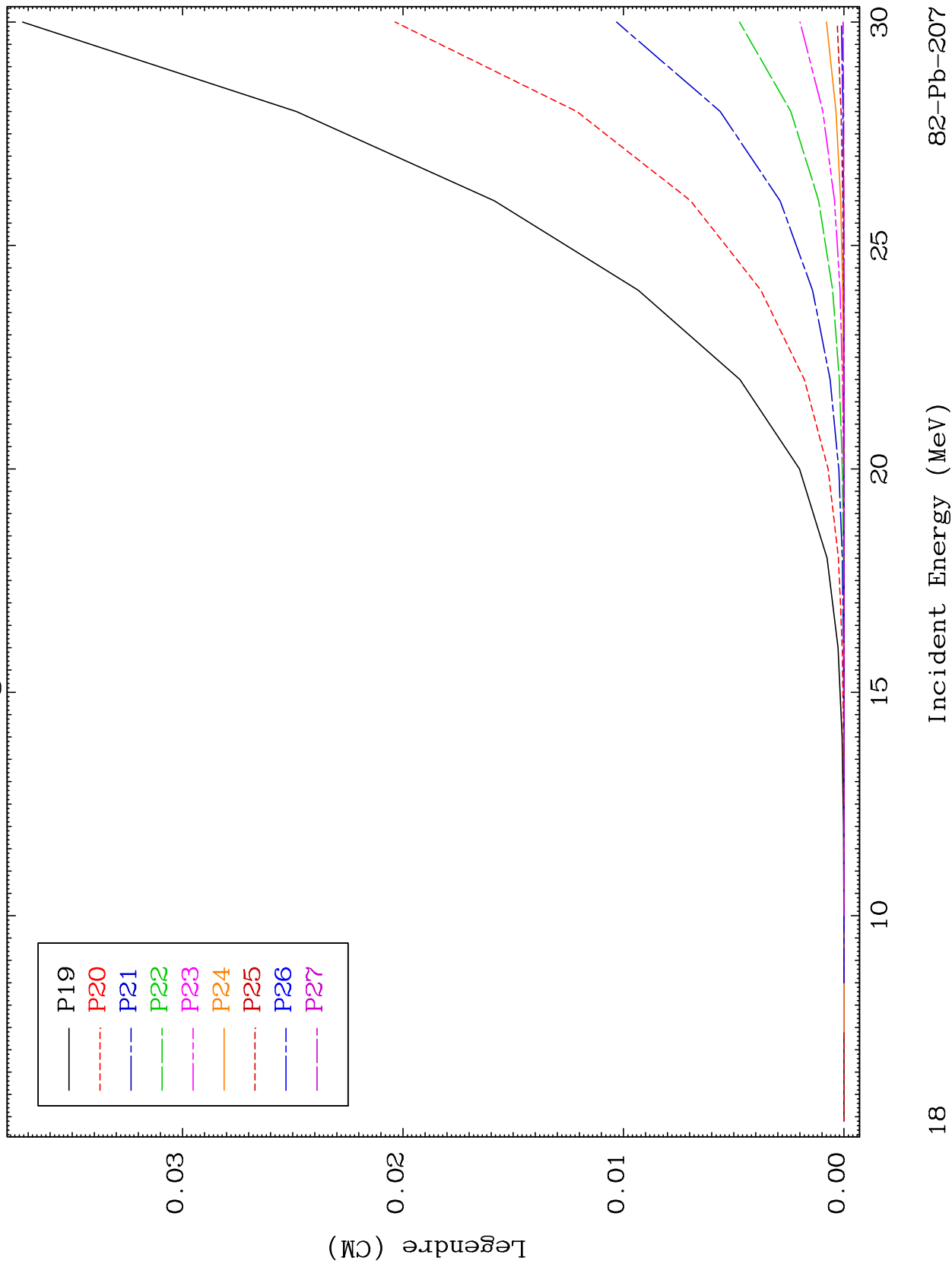
Incident Energy (MeV)

82-Pb-207

MAT 8234

Elastic Legendre Coefficients

82-Pb-207



18

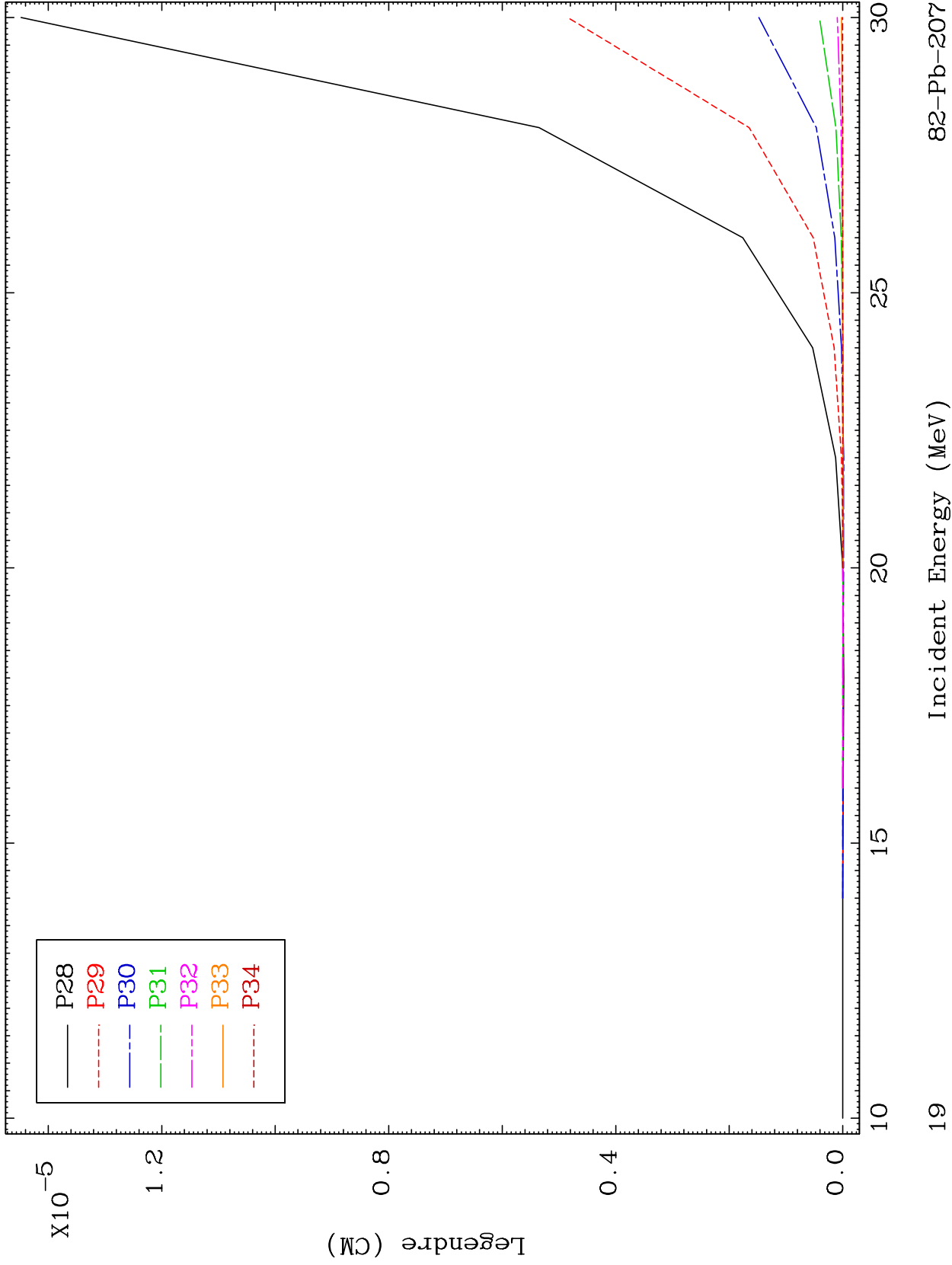
Incident Energy (MeV)

82-Pb-207

MAT 8234

Elastic Legendre Coefficients

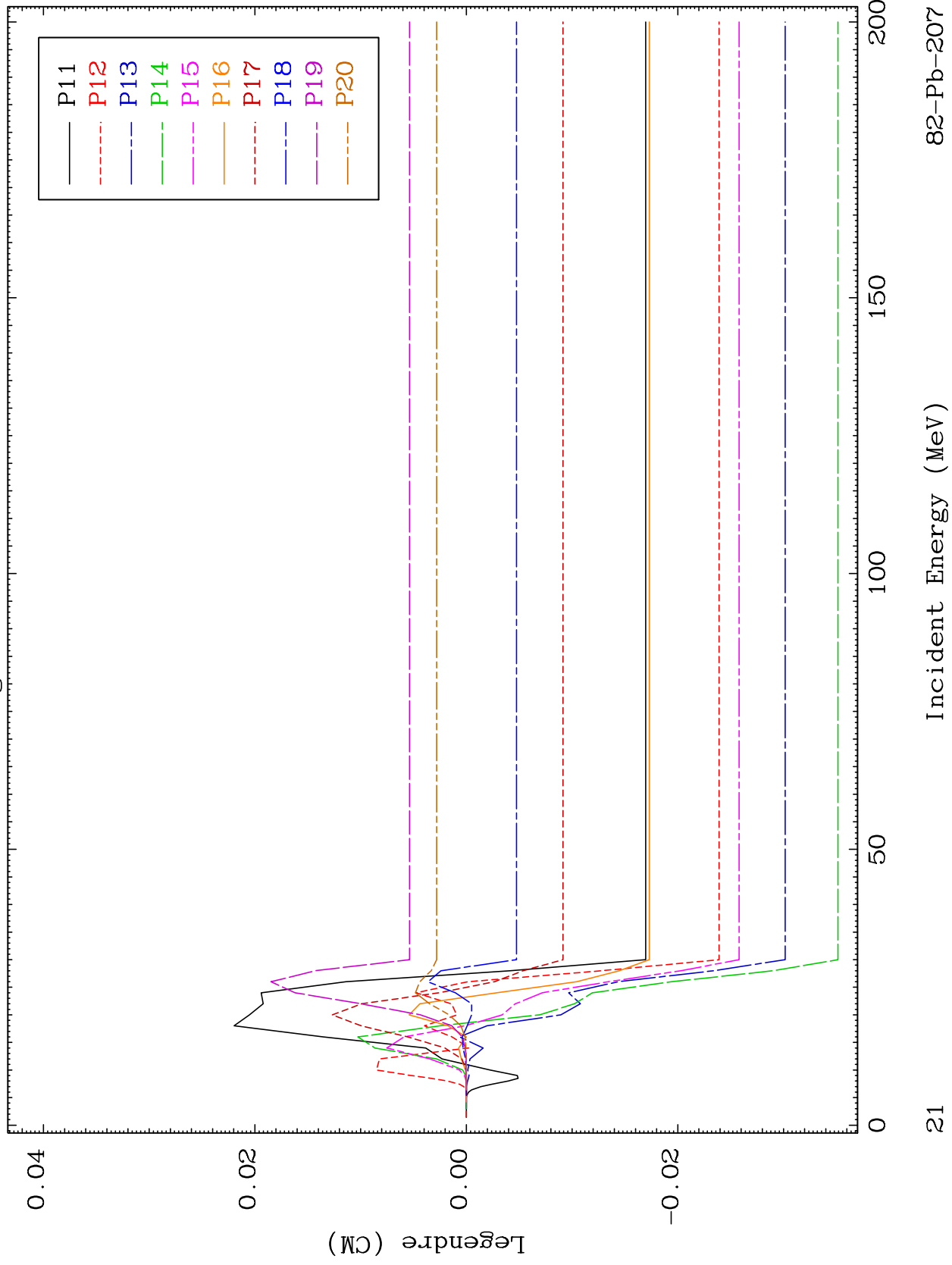
82-Pb-207



MAT 8234

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

82-Pb-207



21

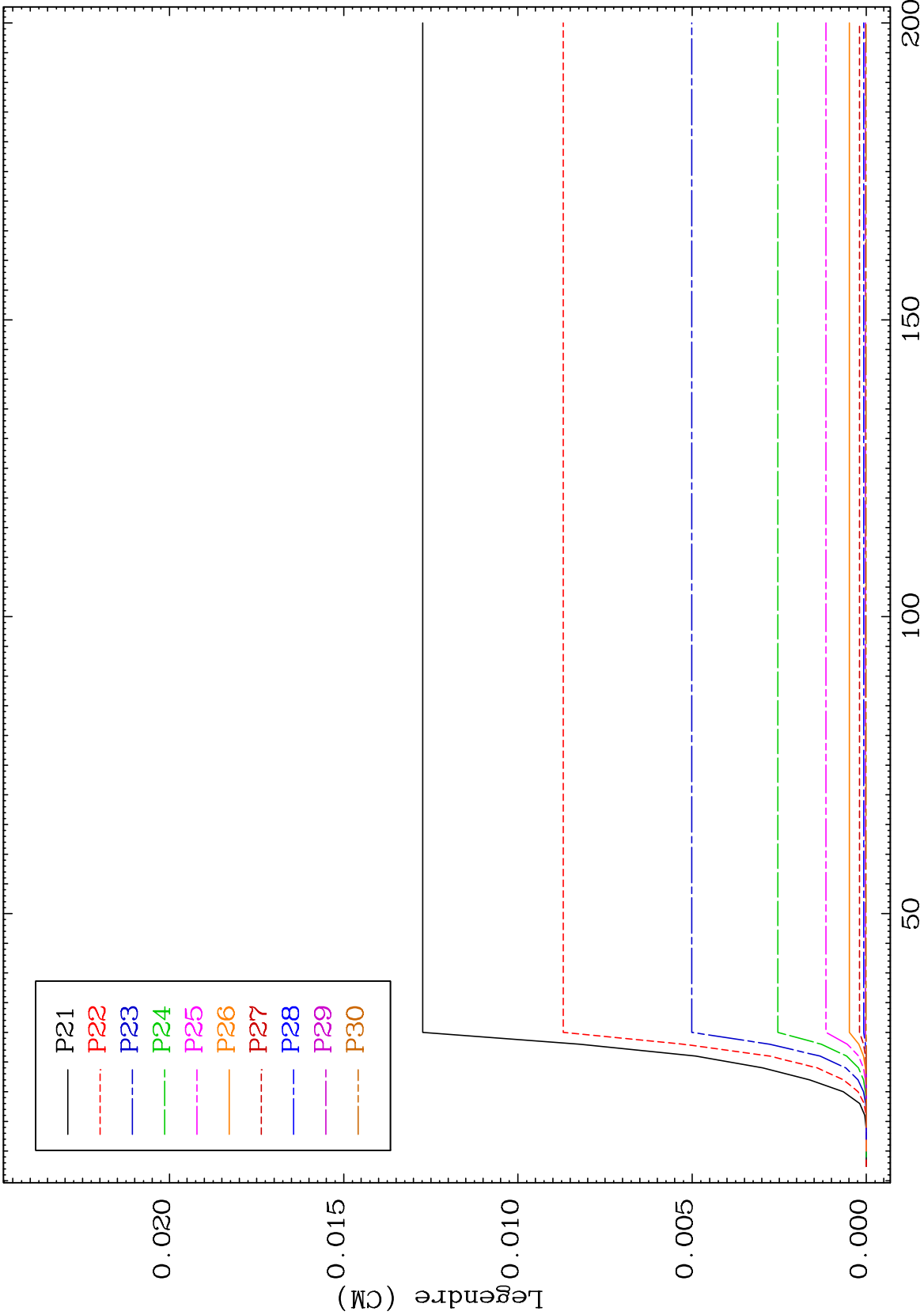
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

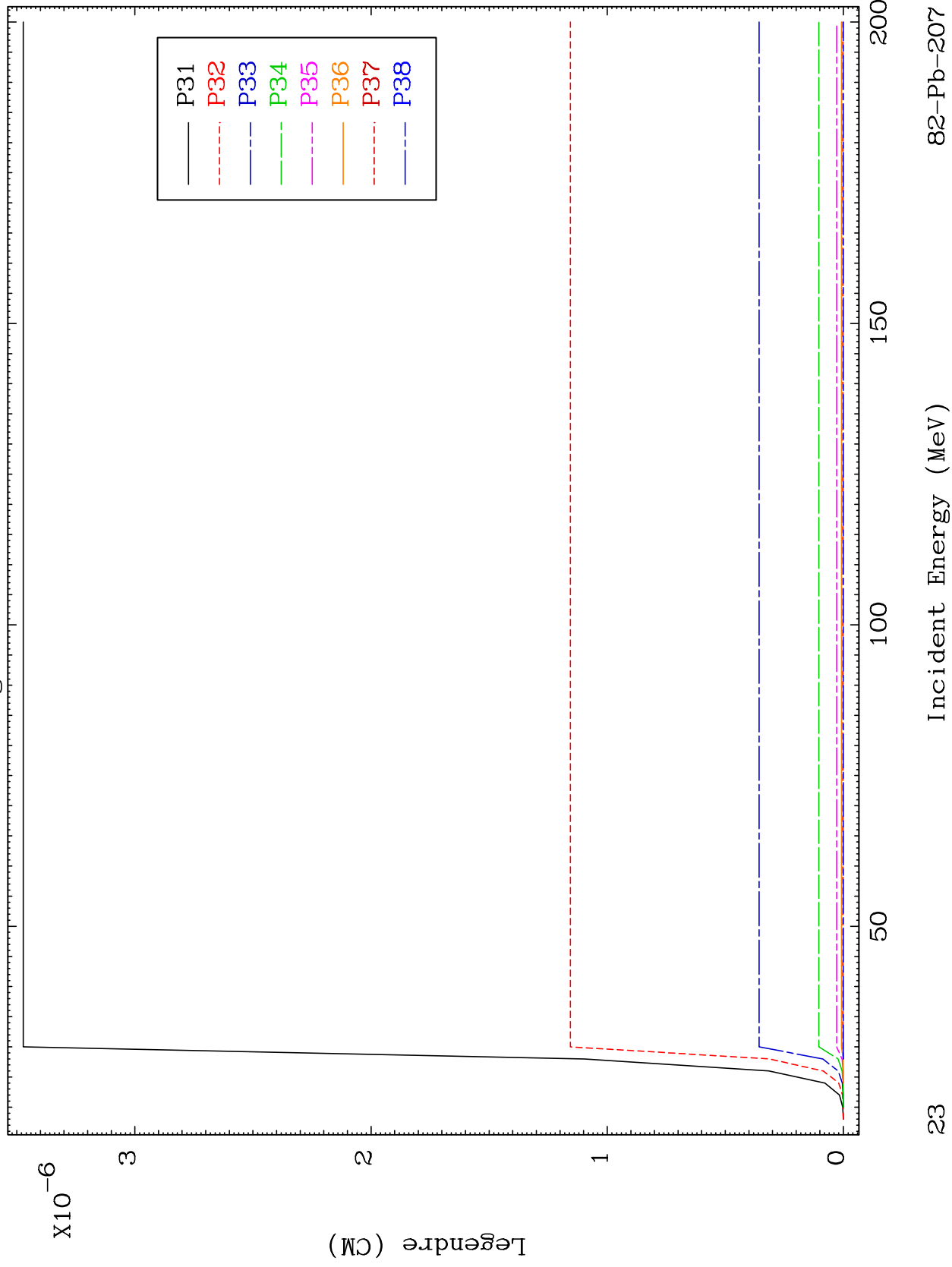
82-Pb-207



MAT 8234

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

82-Pb-207



23

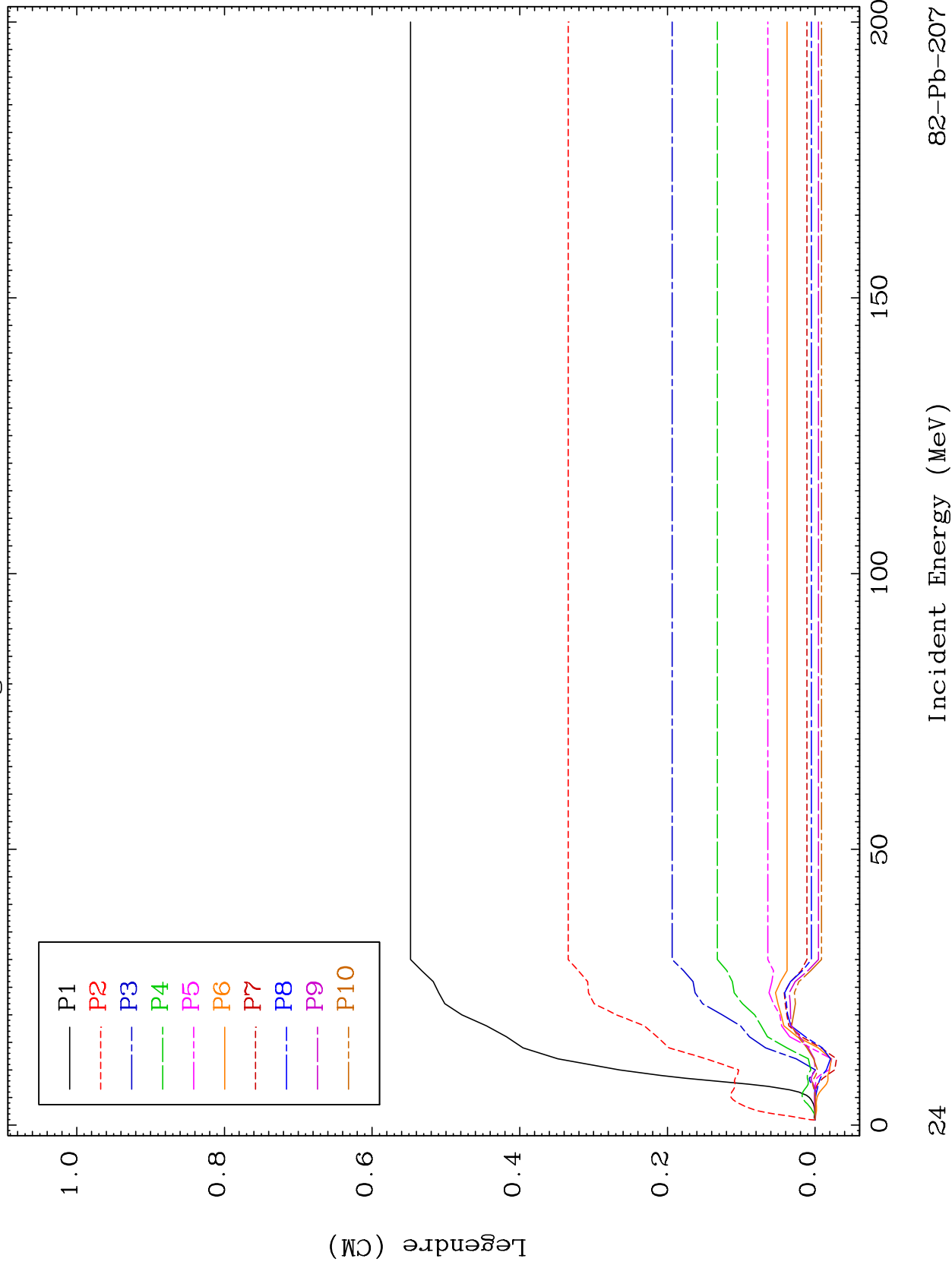
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207

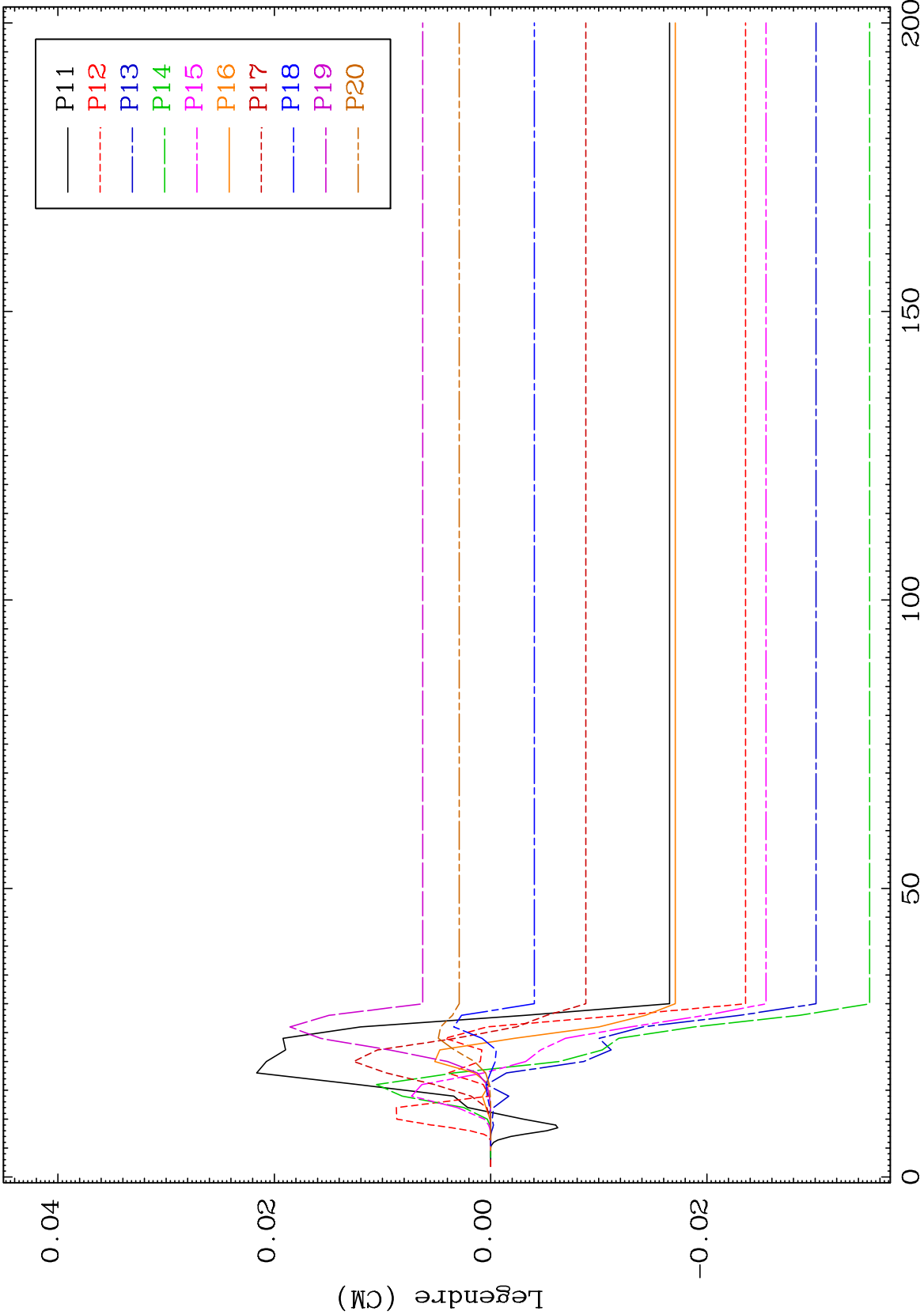


24

MAT 8234

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

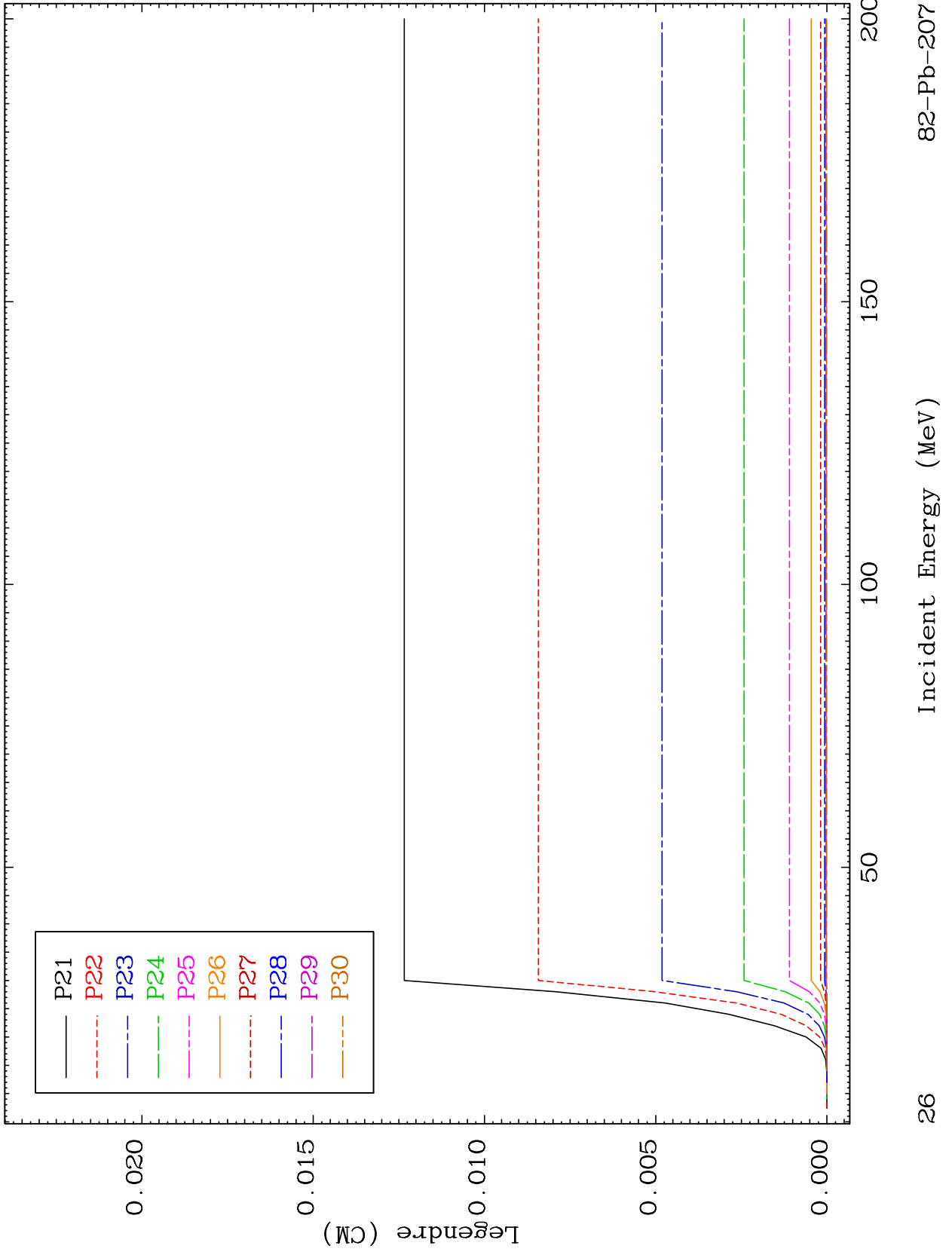
82-Pb-207



82-Pb-207

Incident Energy (MeV)

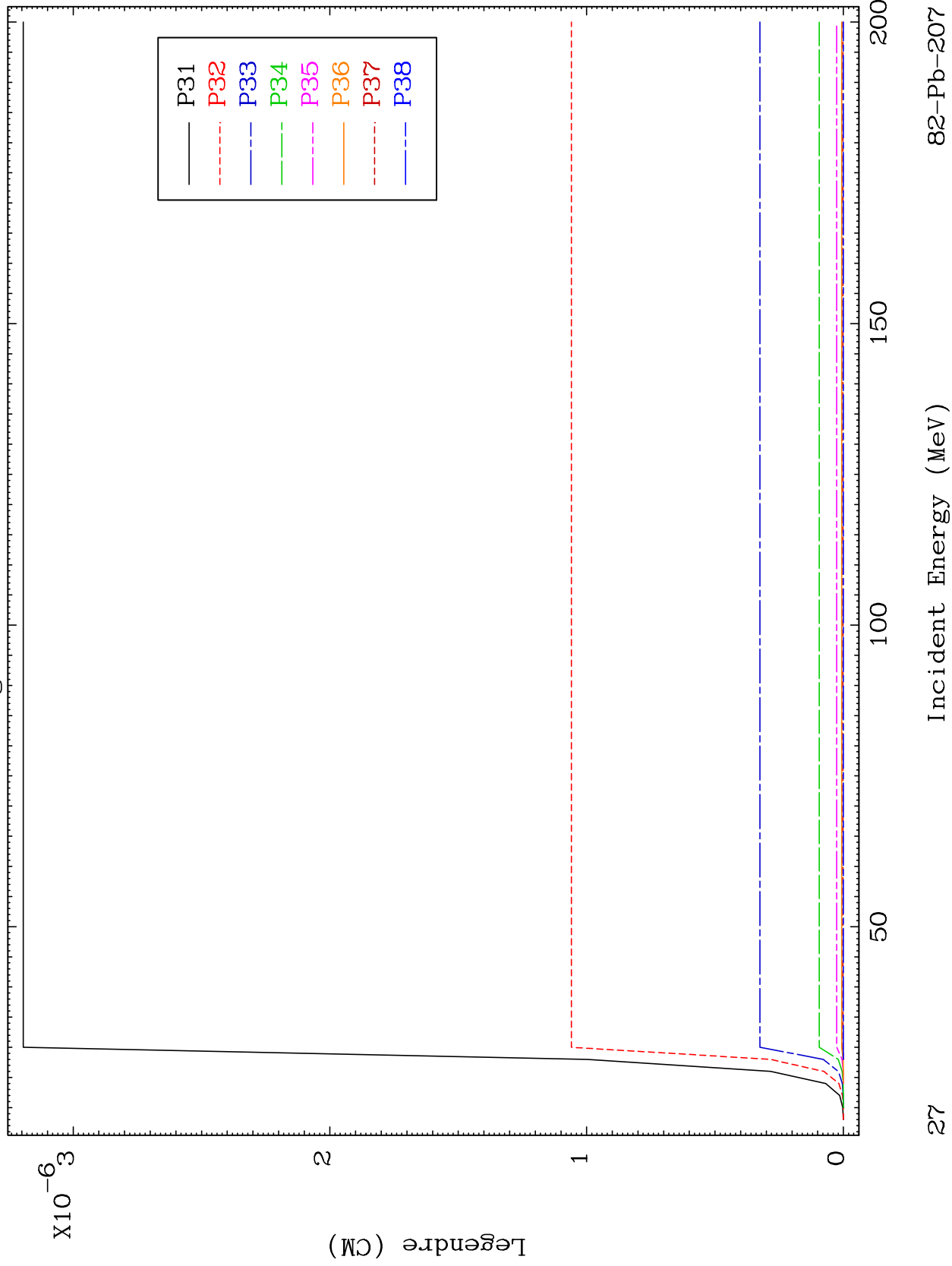
25



MAT 8234

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

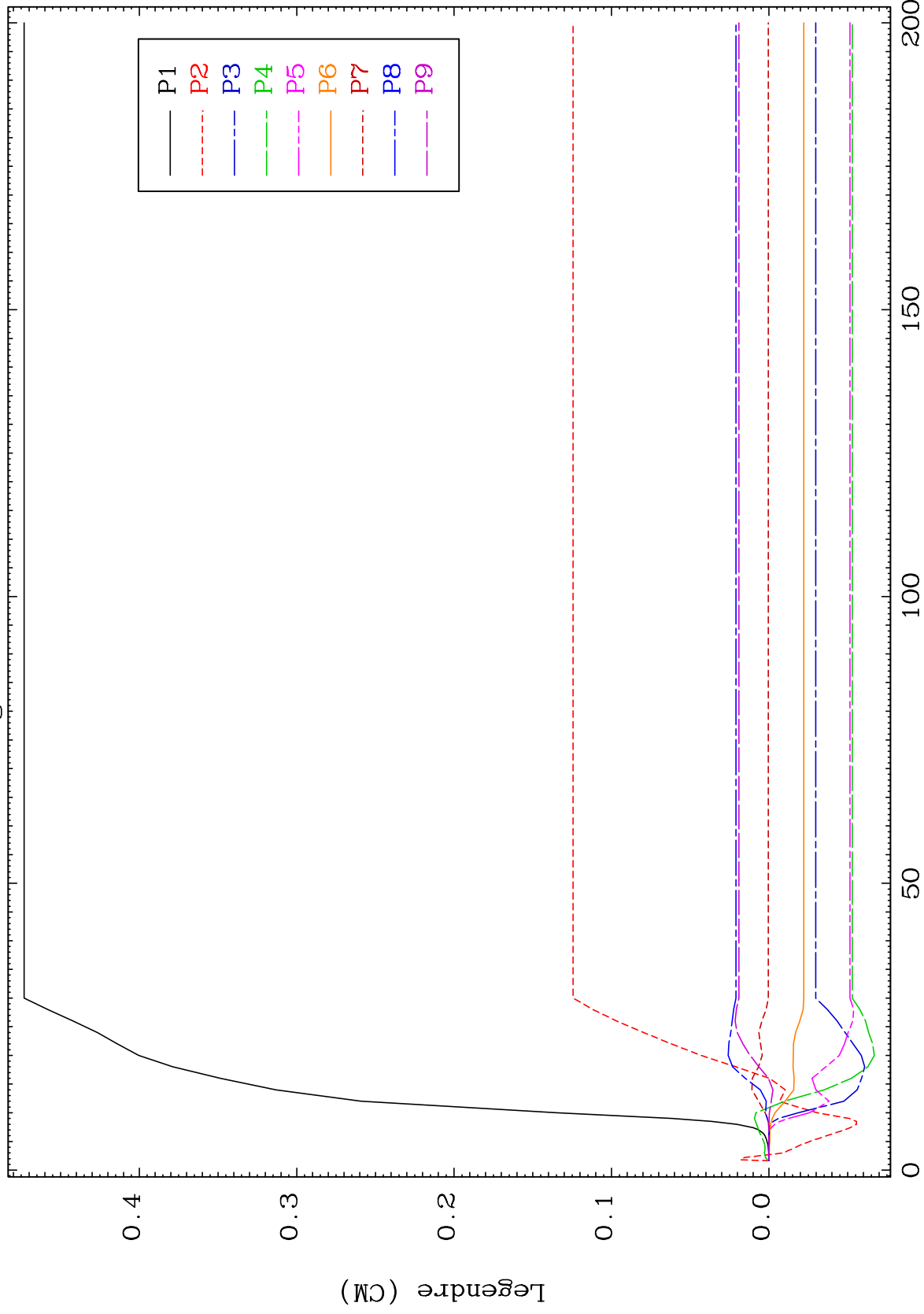
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MAT 8234

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

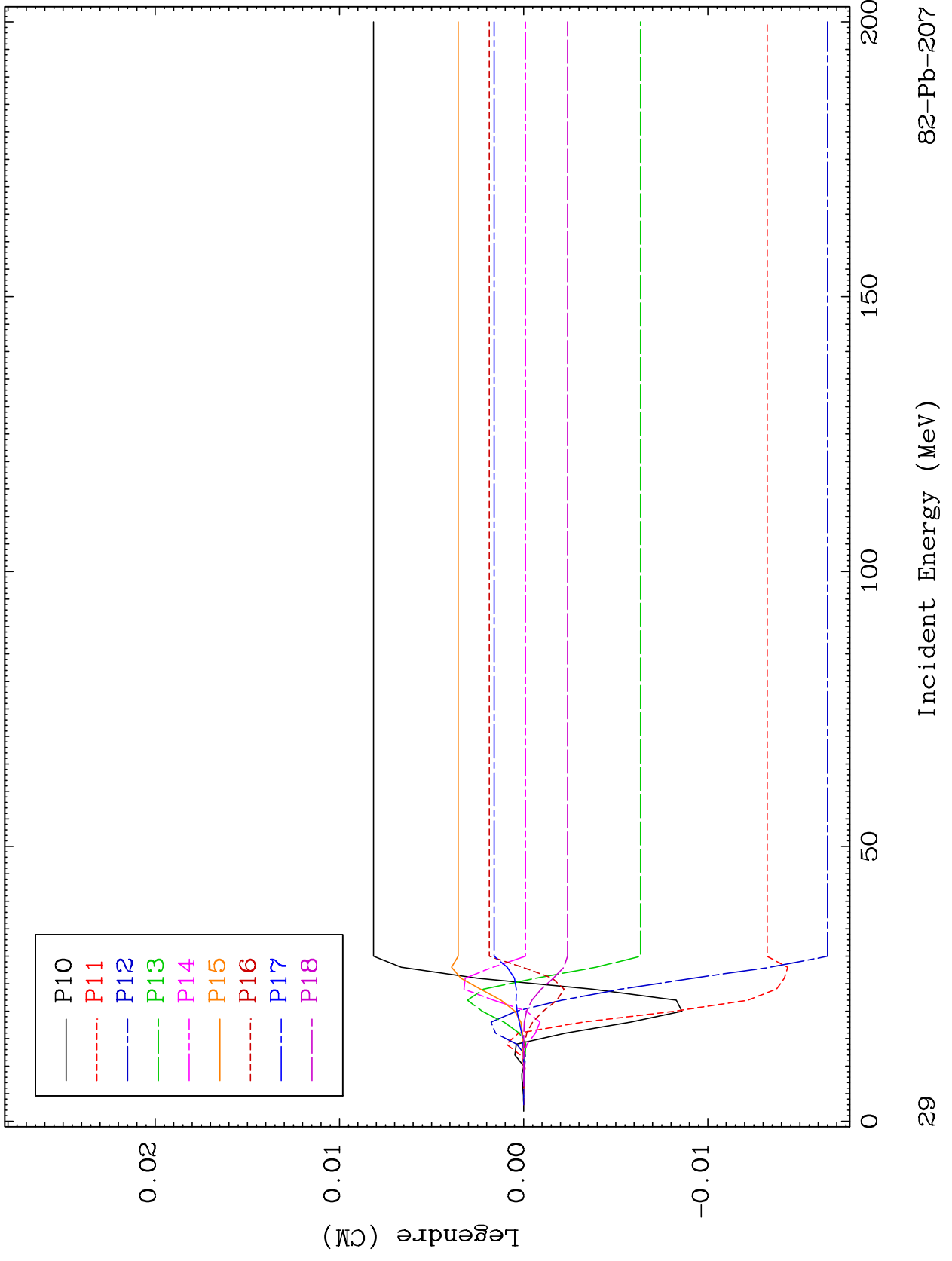
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28

Incident Energy (MeV)

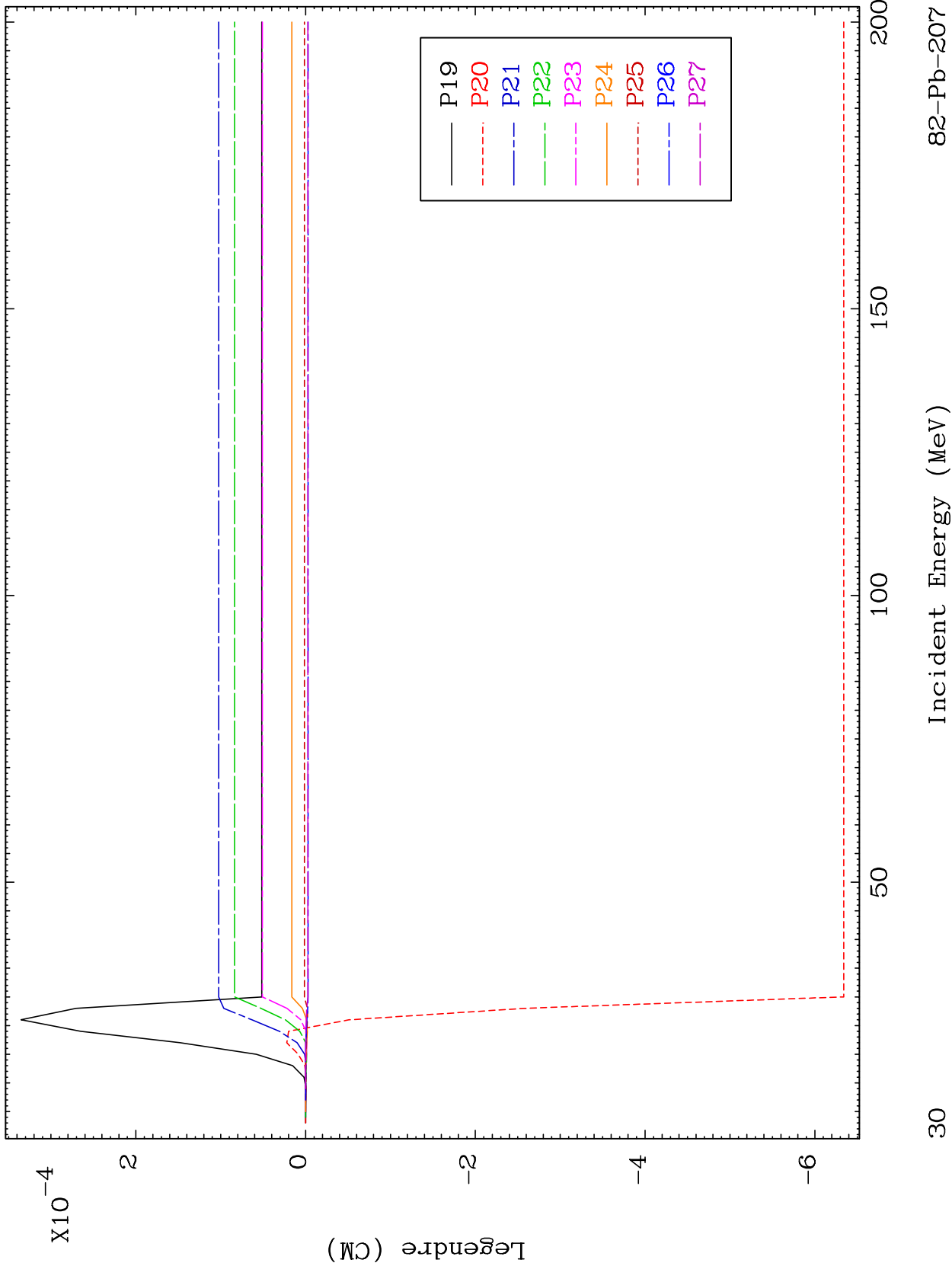
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MAT 8234

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

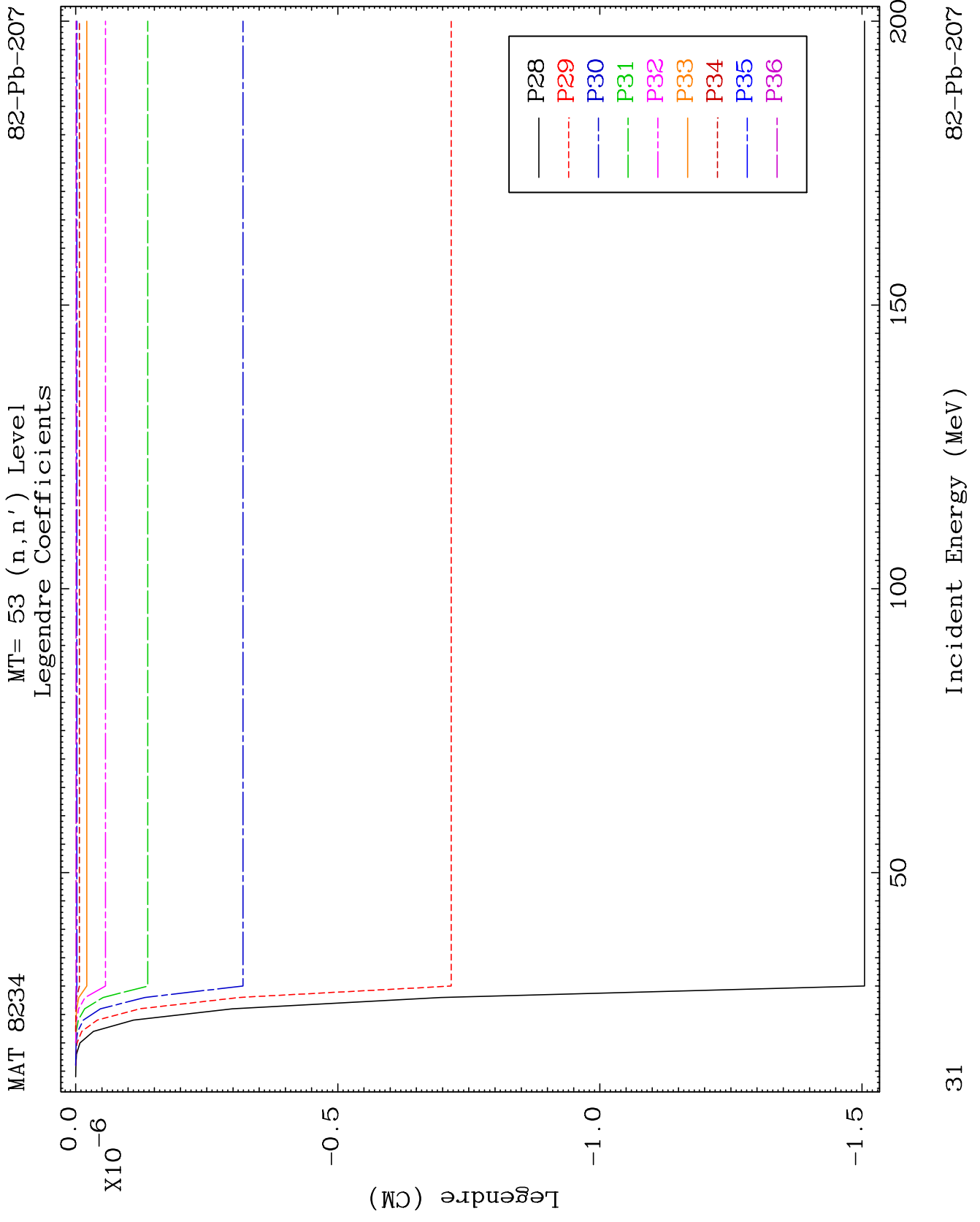
82-Pb-207



82-Pb-207

Incident Energy (MeV)

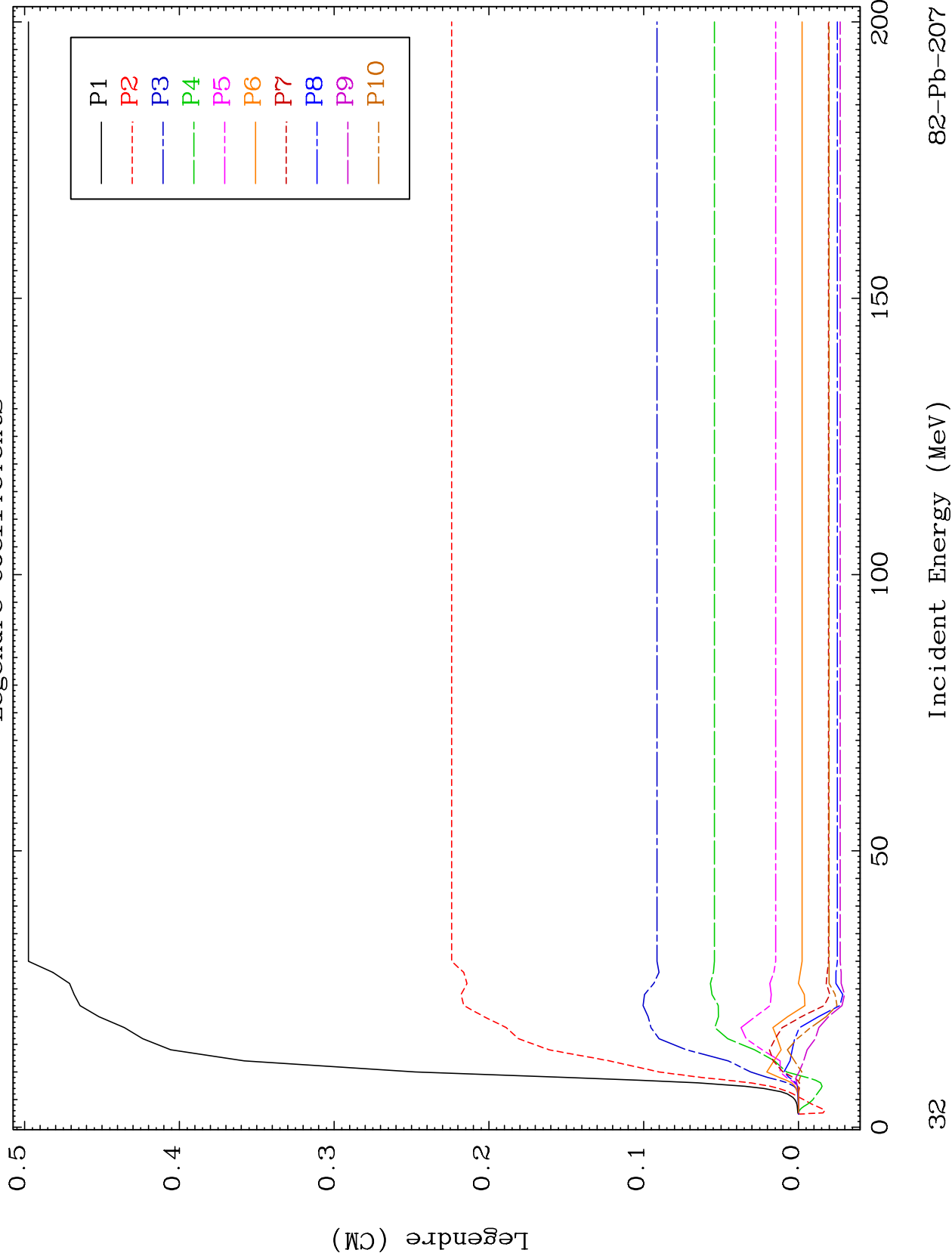
30



MAT 8234

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

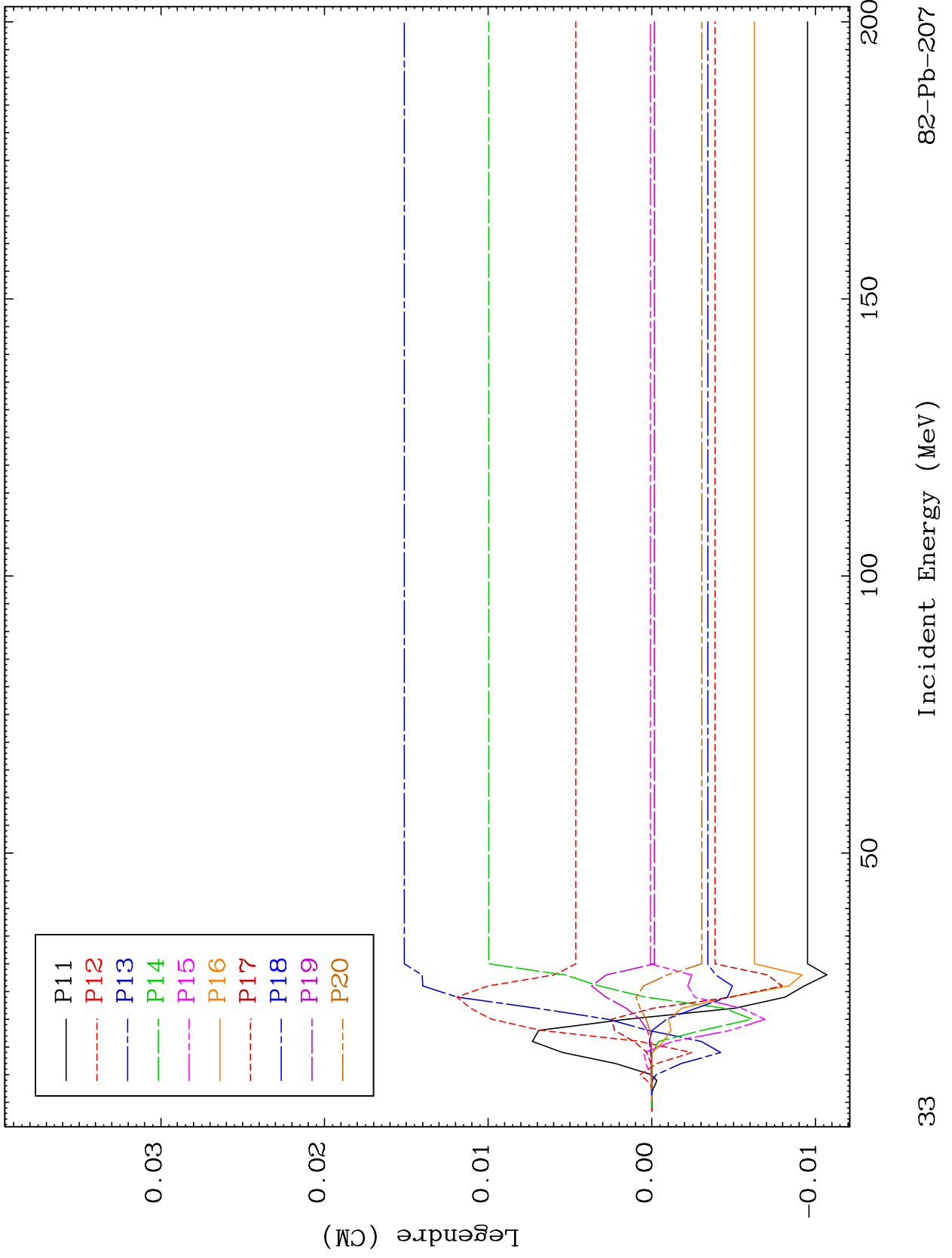
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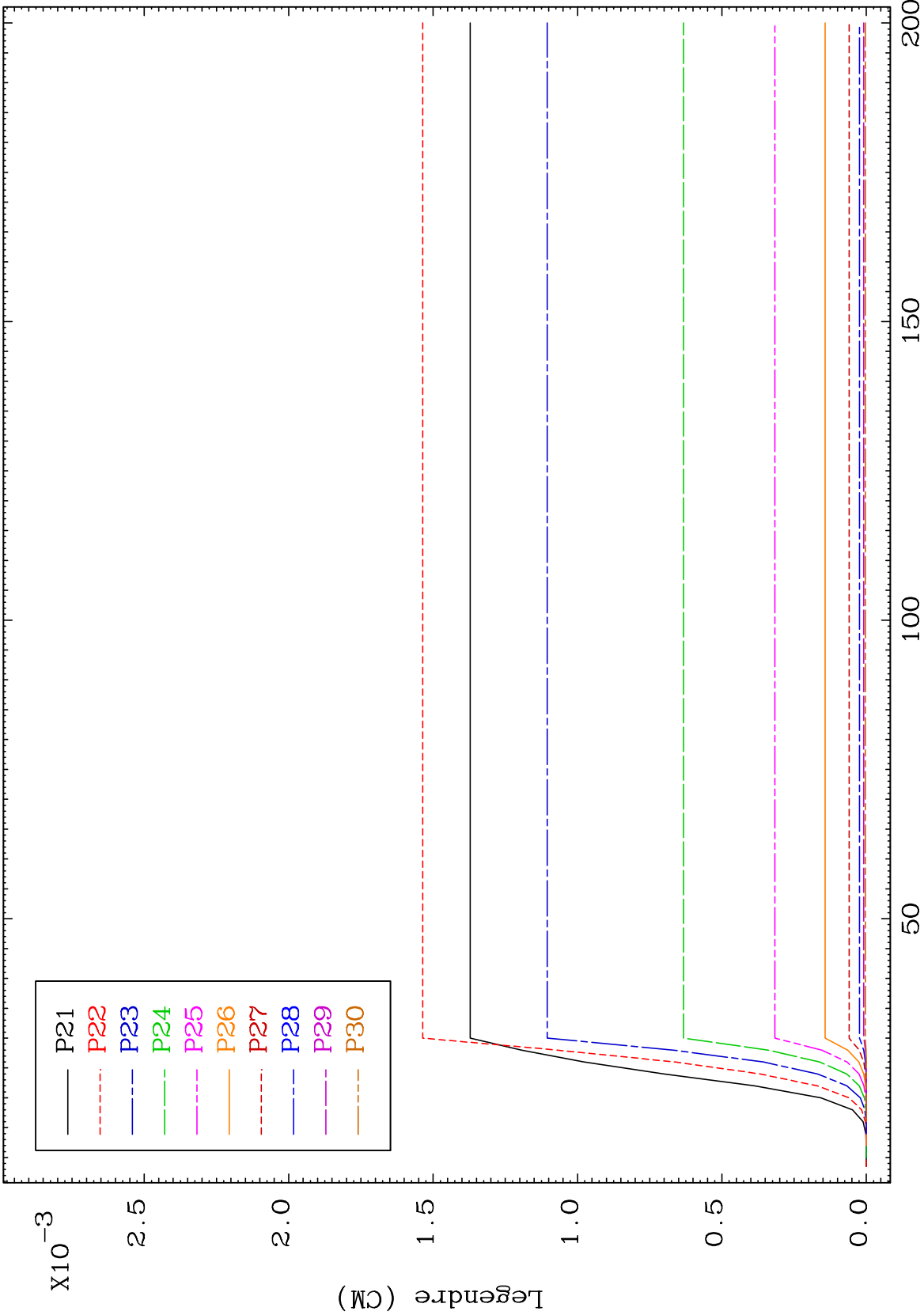


32

Incident Energy (MeV)

82-Pb-207

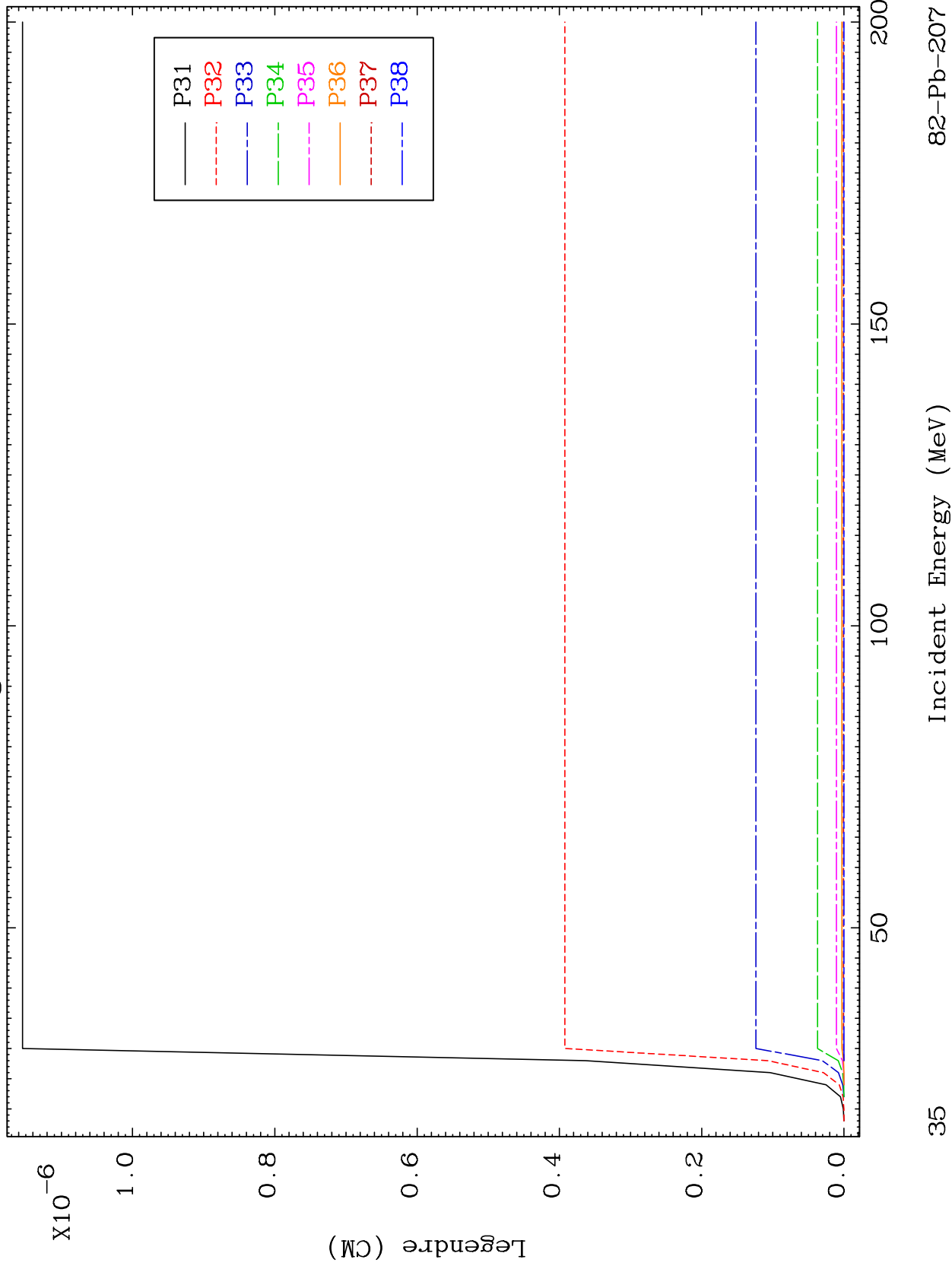




MAT 8234

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

82-Pb-207

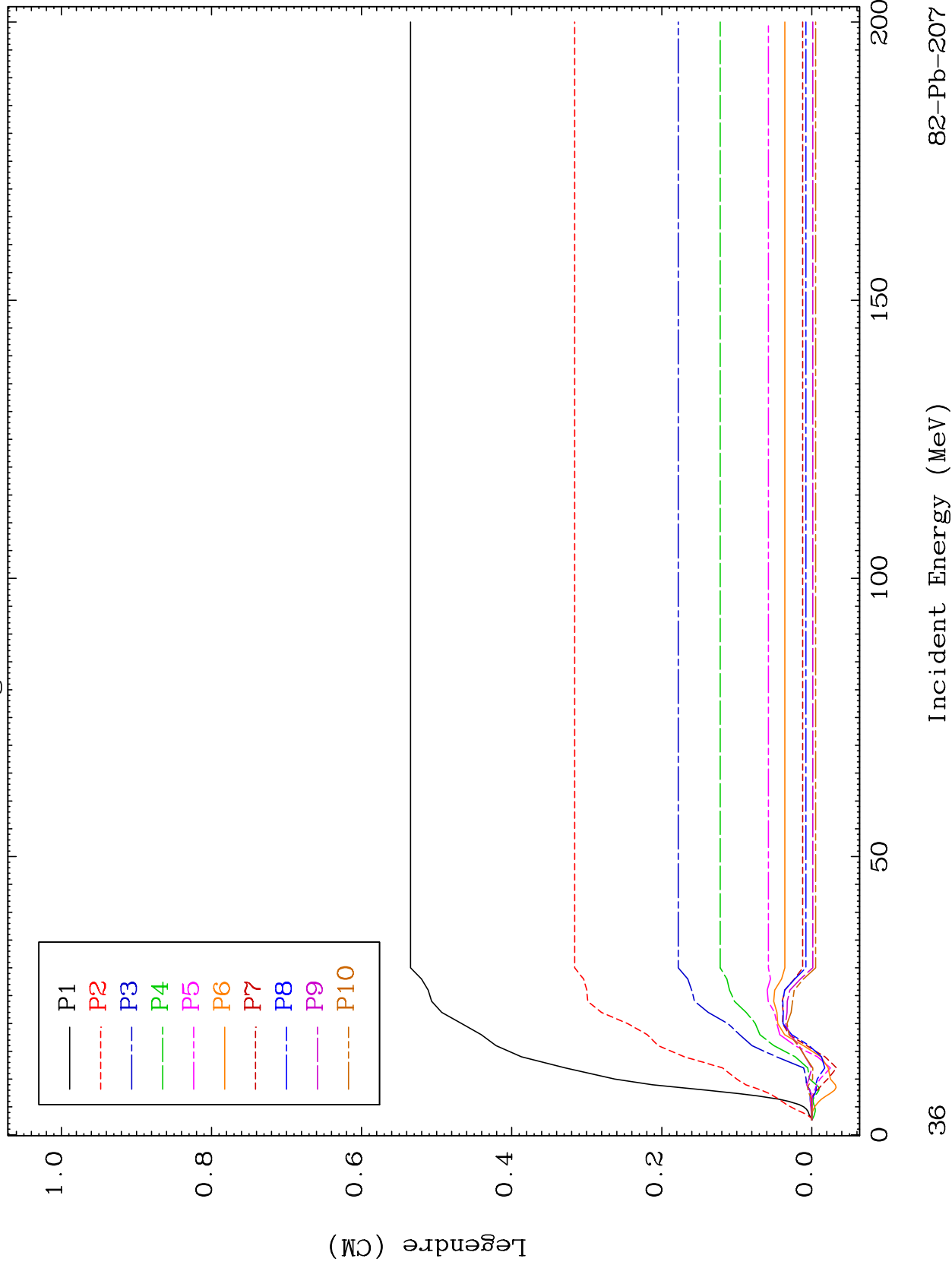


35

MAT 8234

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

82-Pb-207

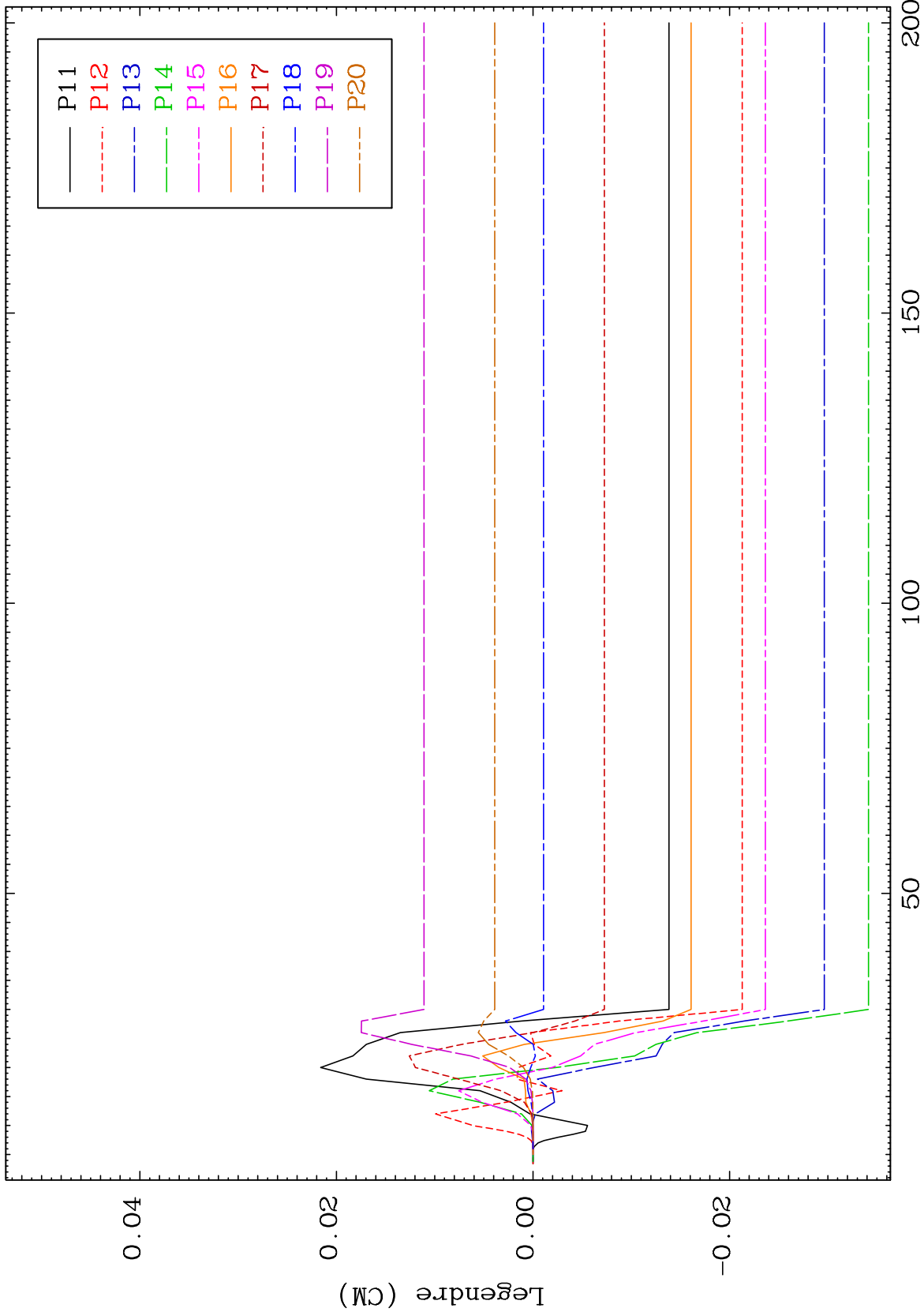


36

MAT 8234

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

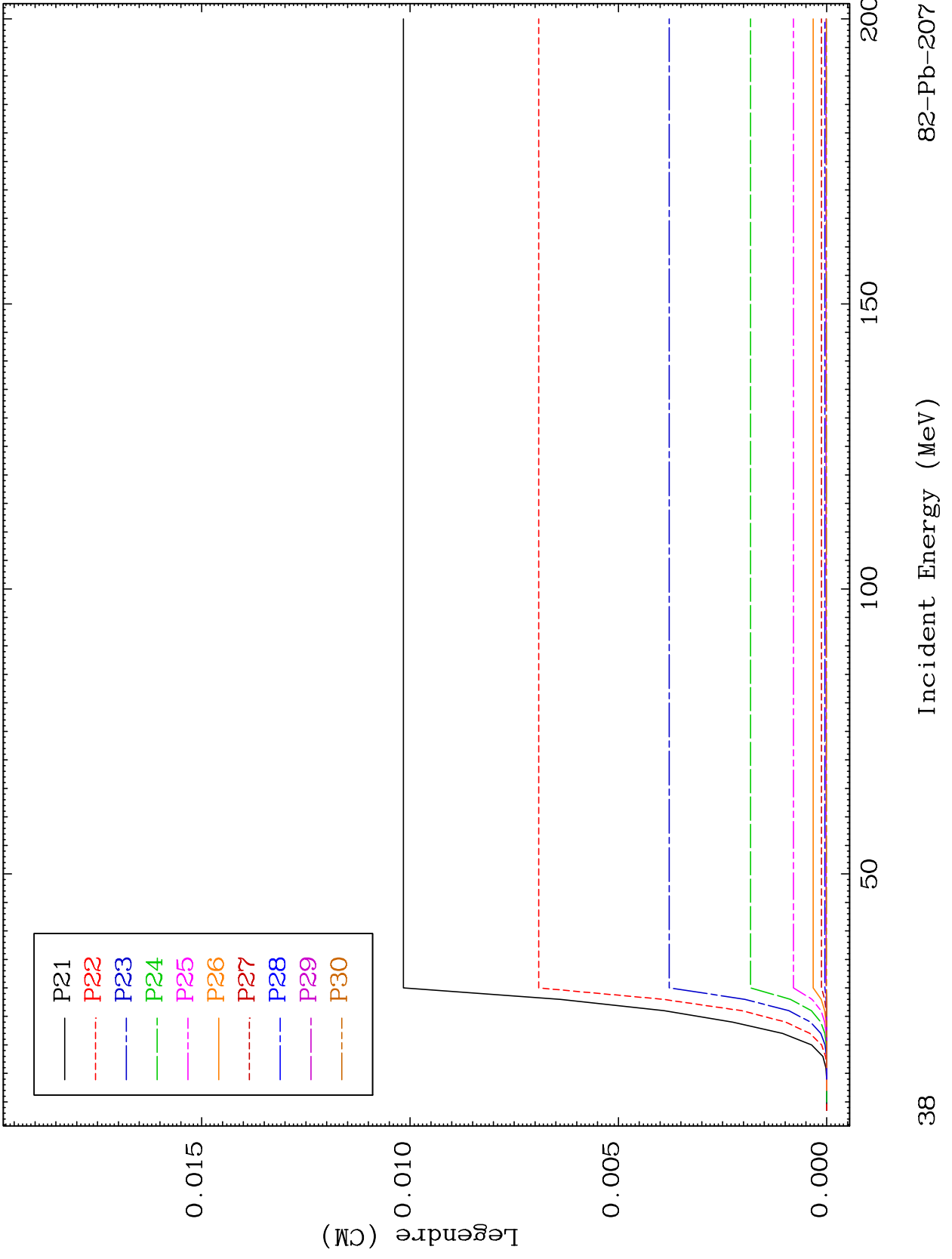
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MAT 8234

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

82-Pb-207



38

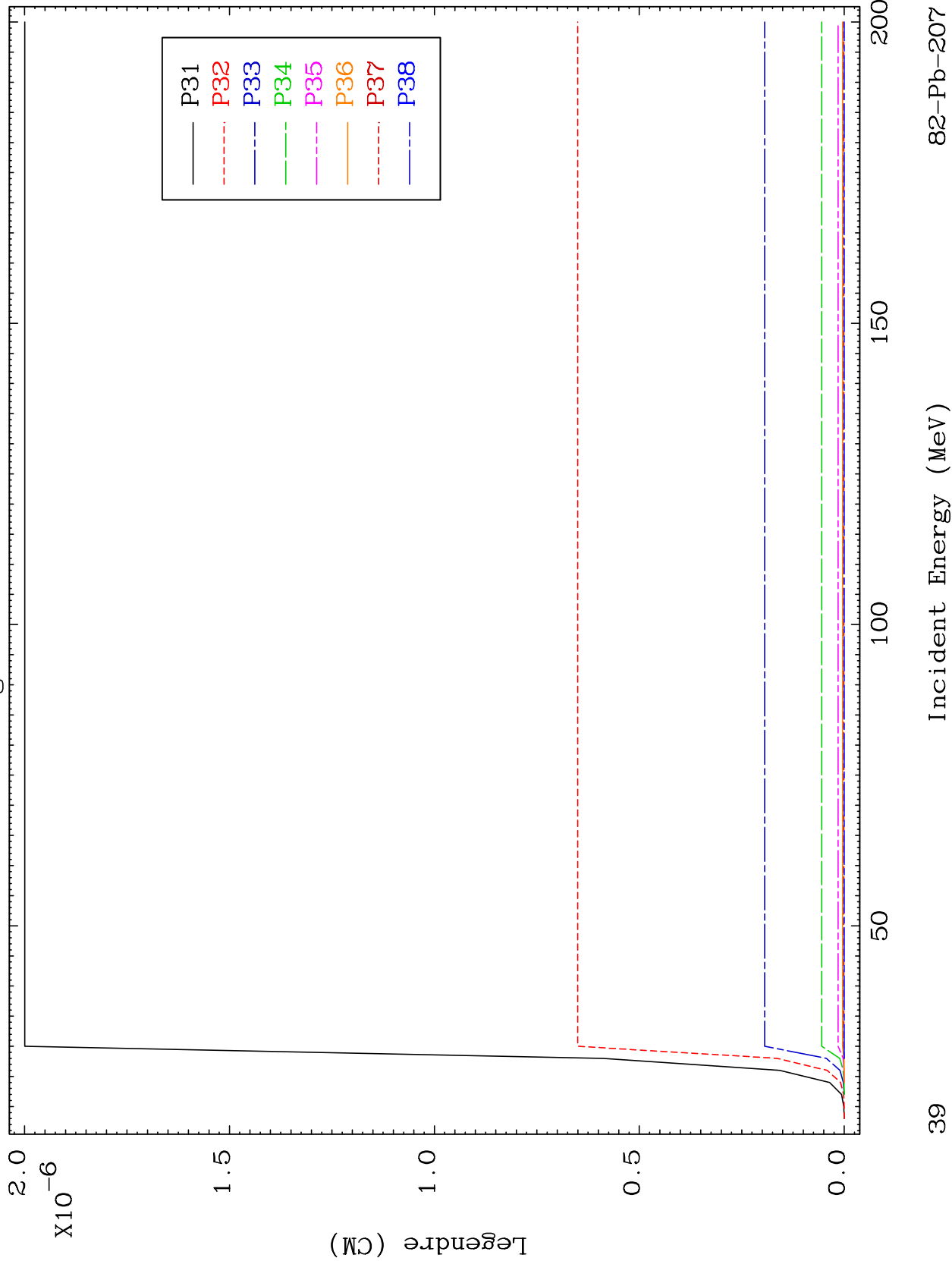
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



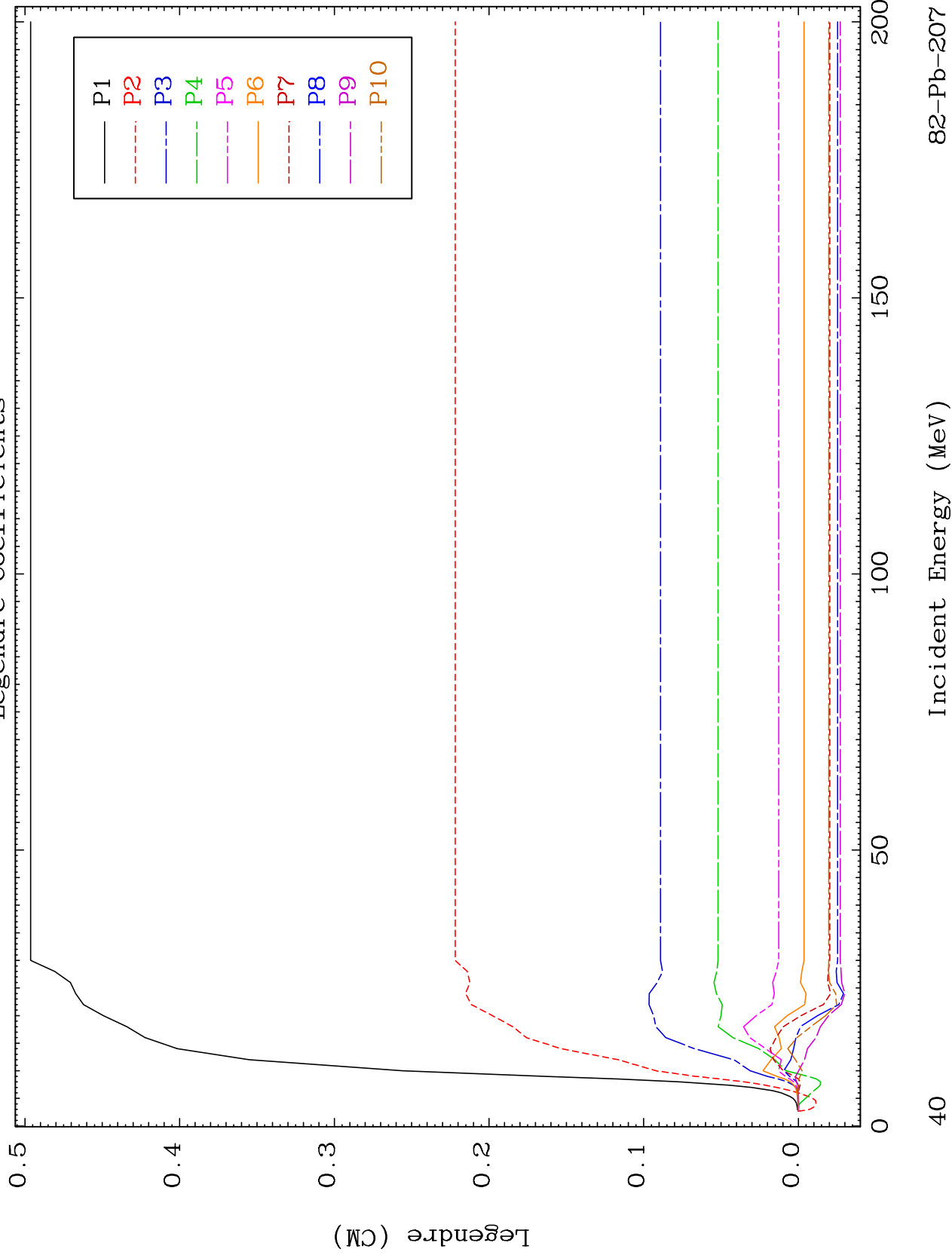
39

82-Pb-207

MAT 8234

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

82-Pb-207



82-Pb-207

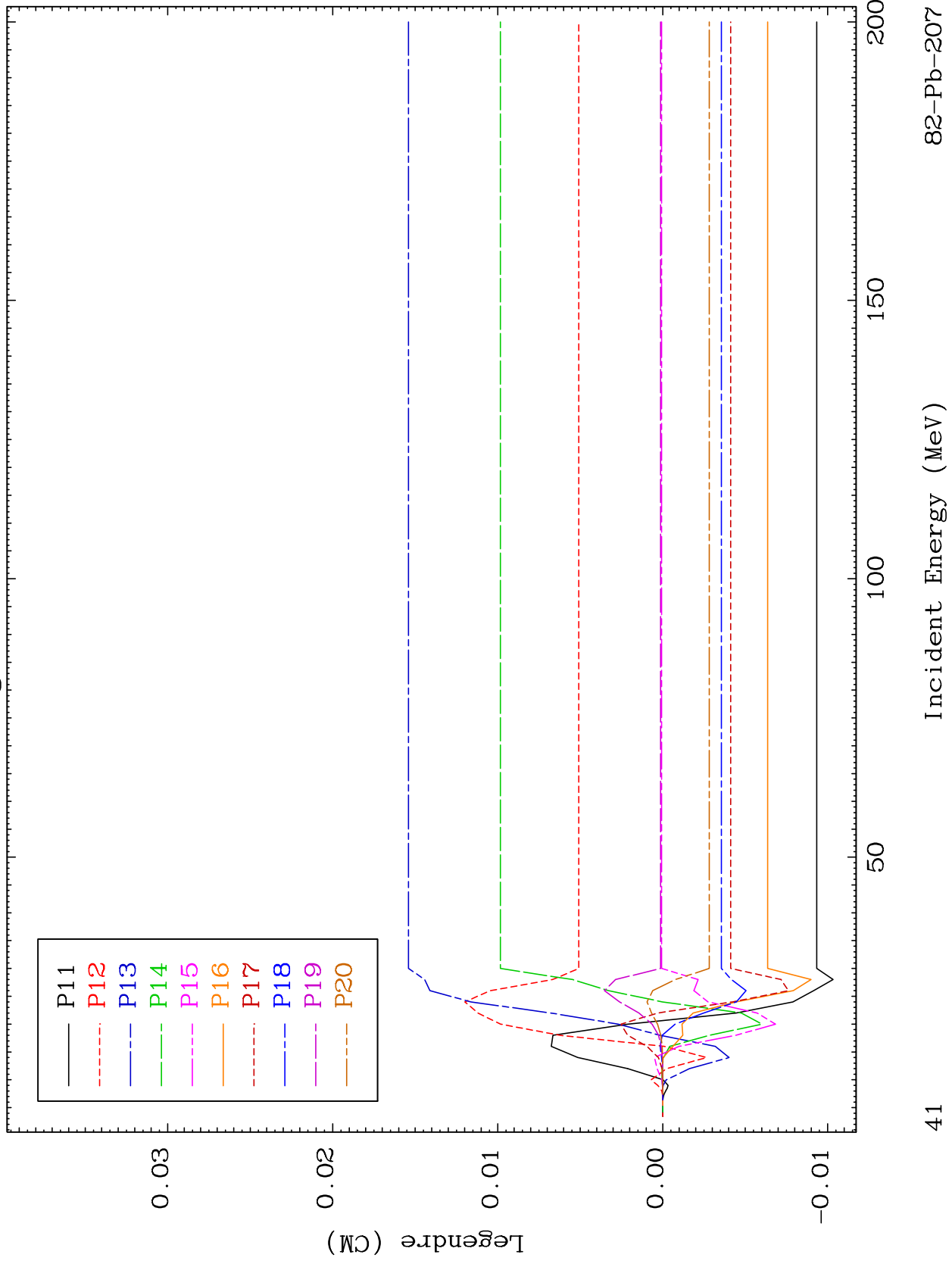
Incident Energy (MeV)

40

MAT 8234

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

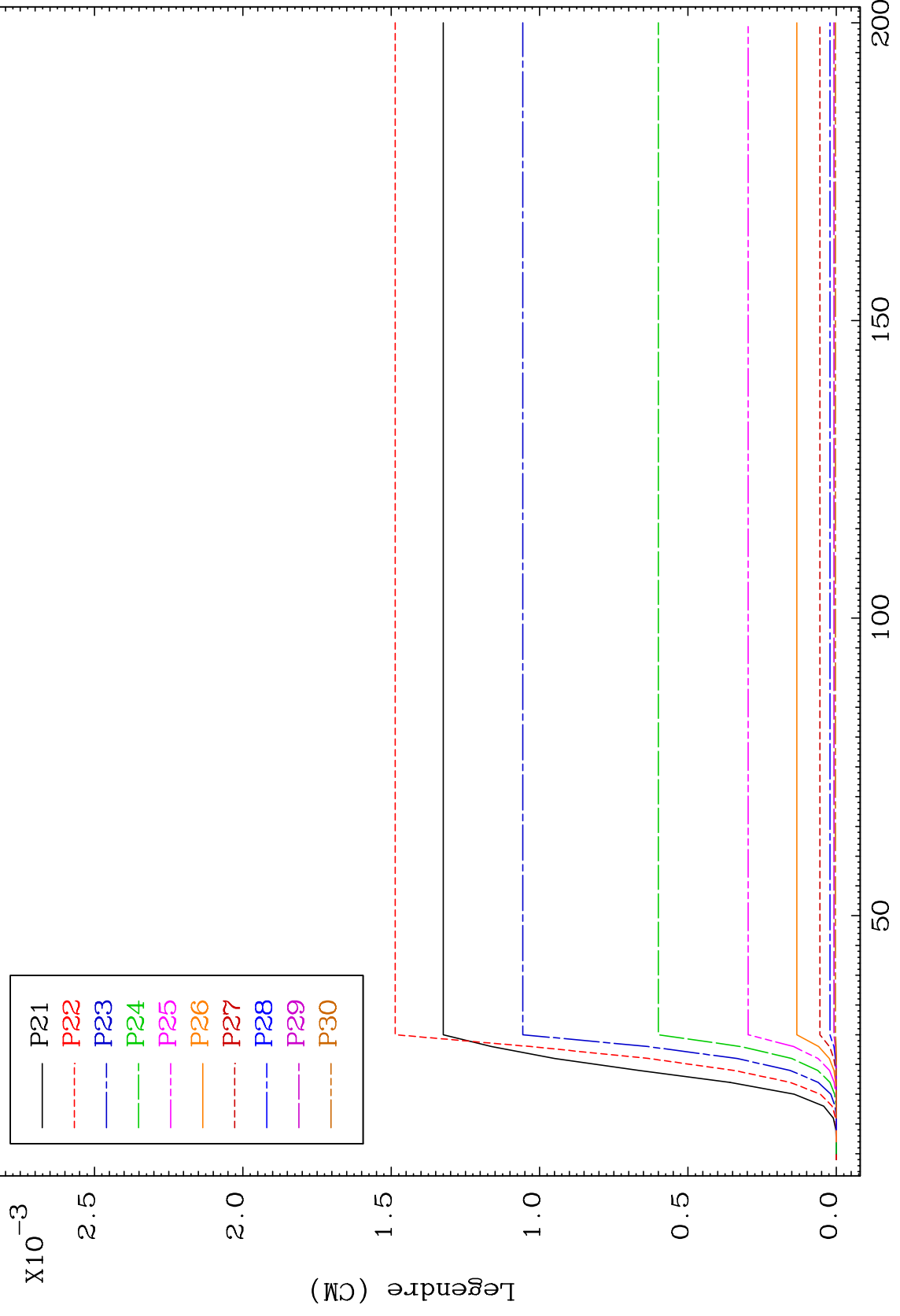
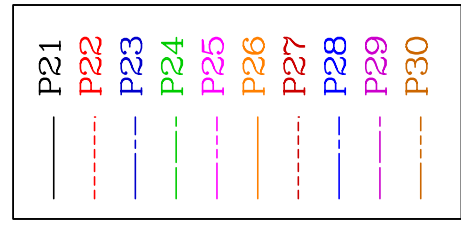
82-Pb-207



MAT 8234

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

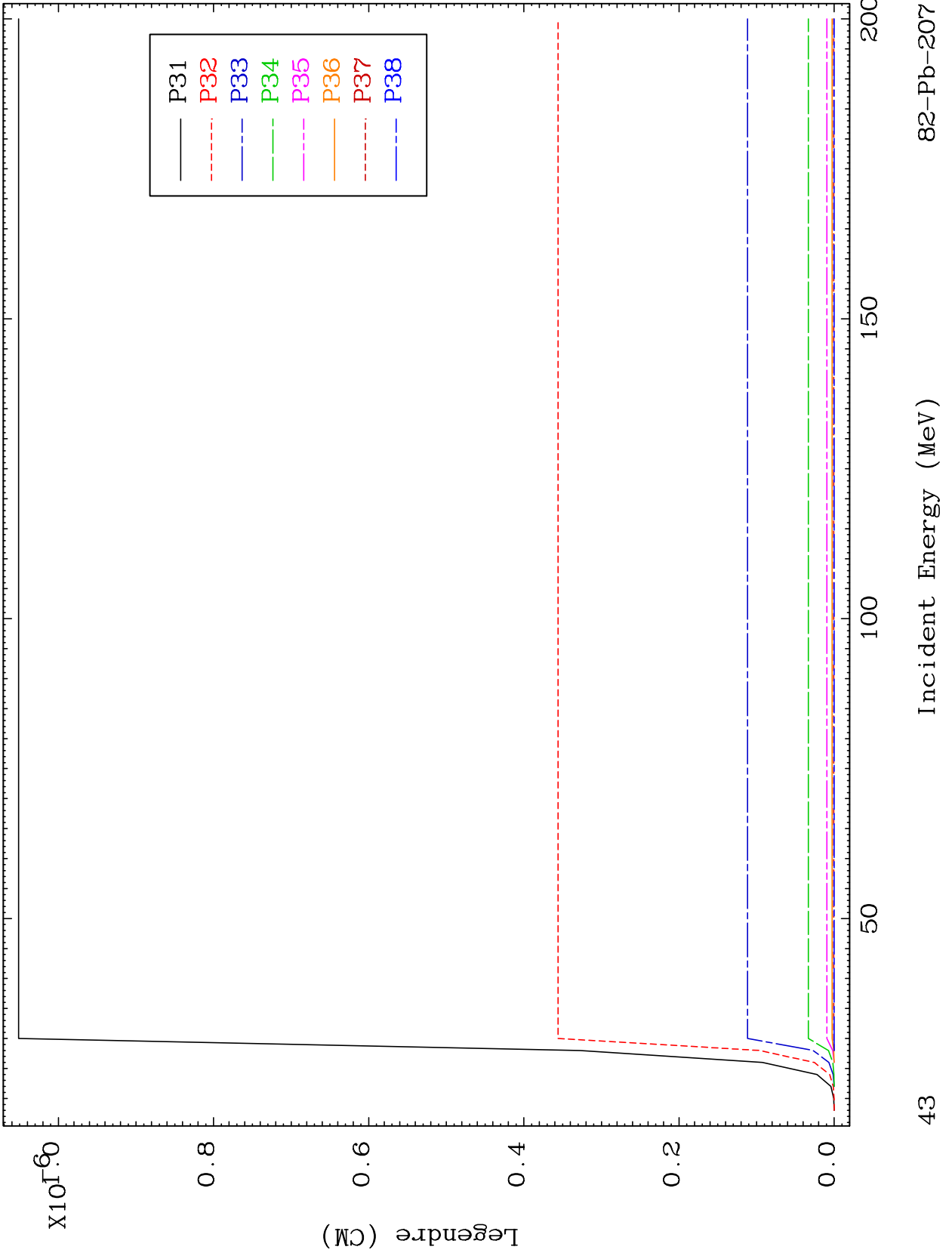
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MAT 8234

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

82-Pb-207



43

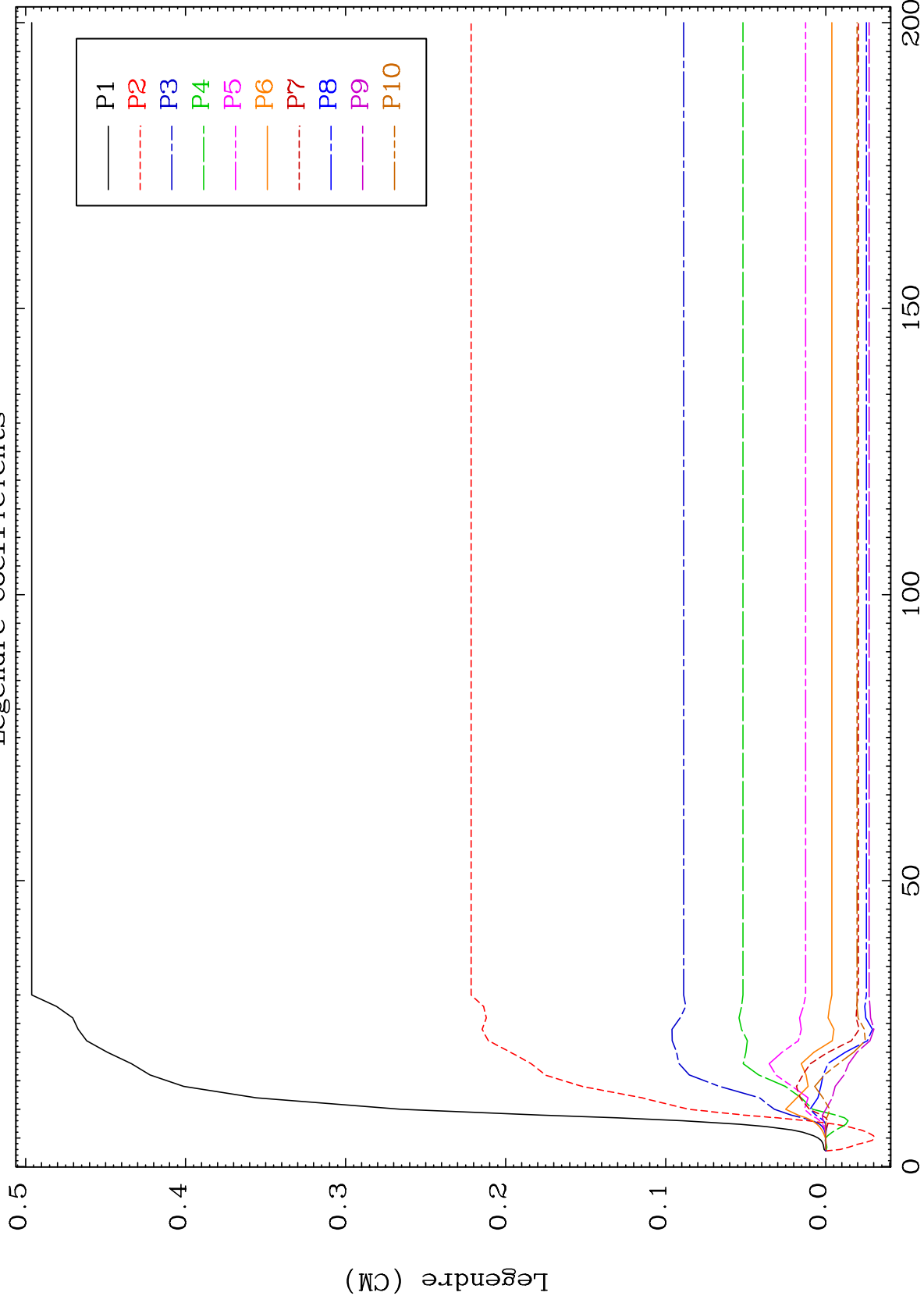
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



44

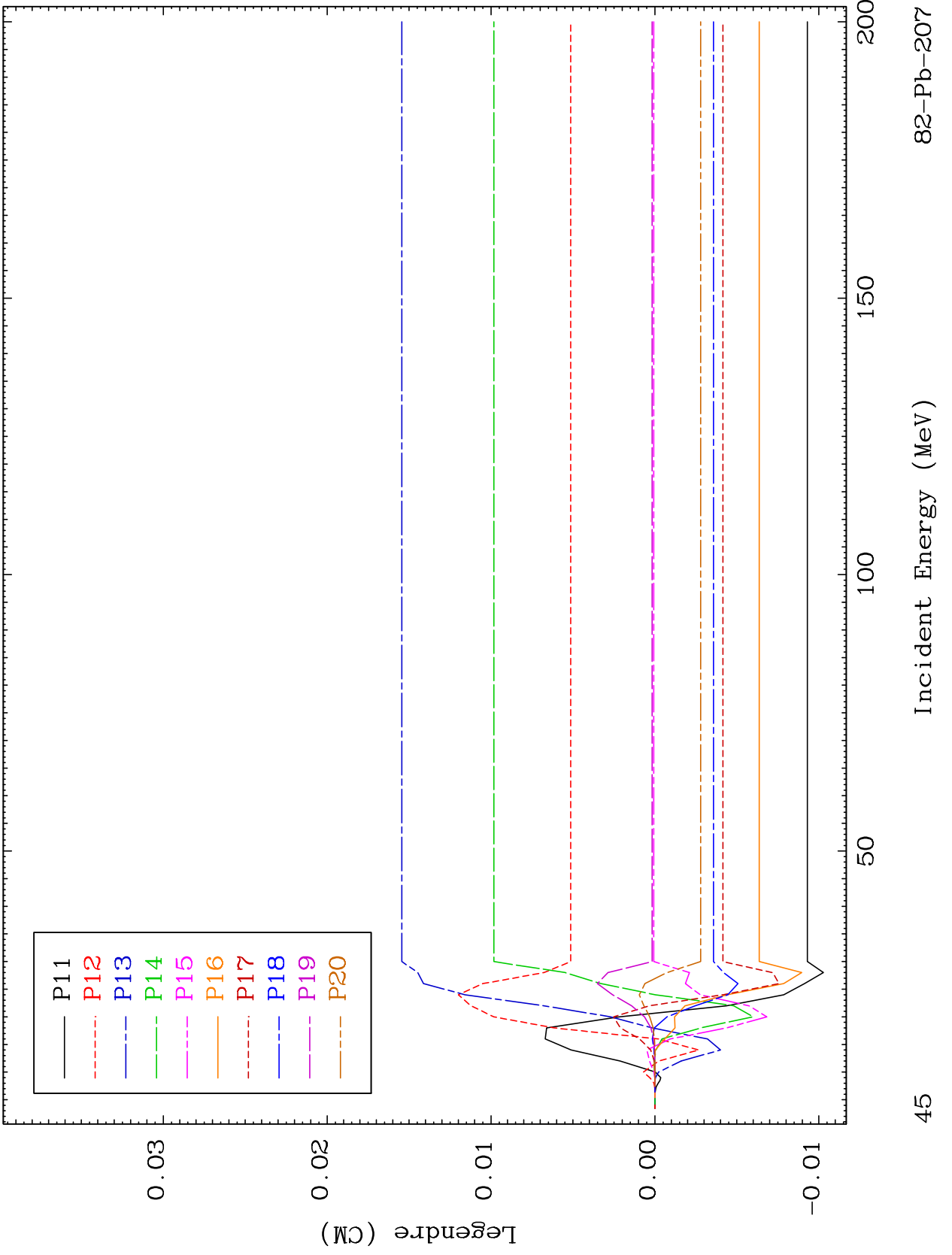
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



45

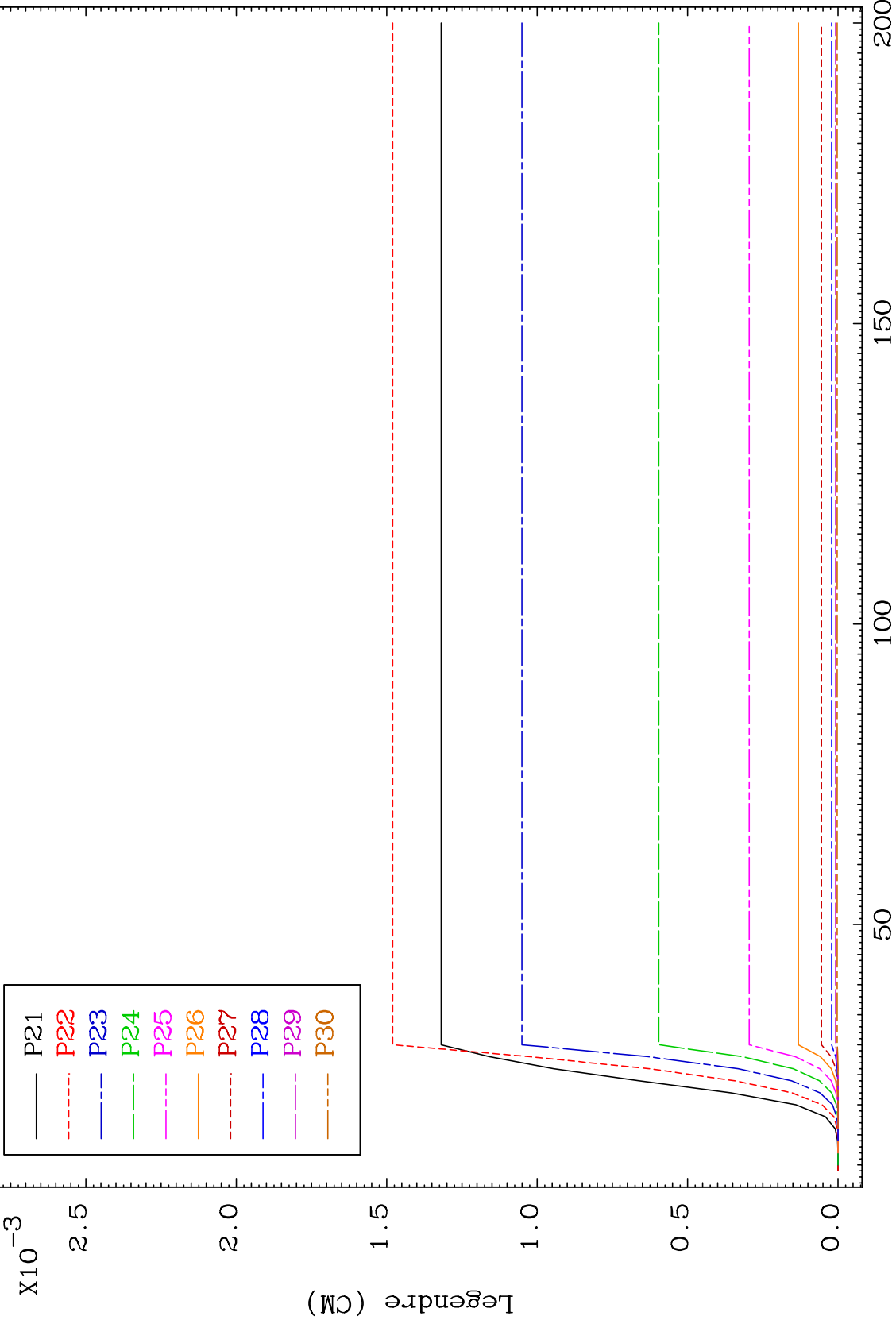
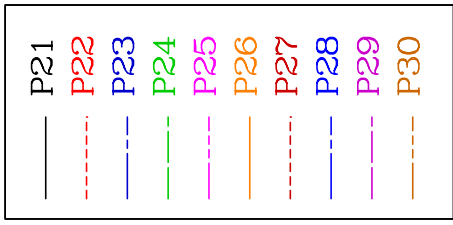
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



46

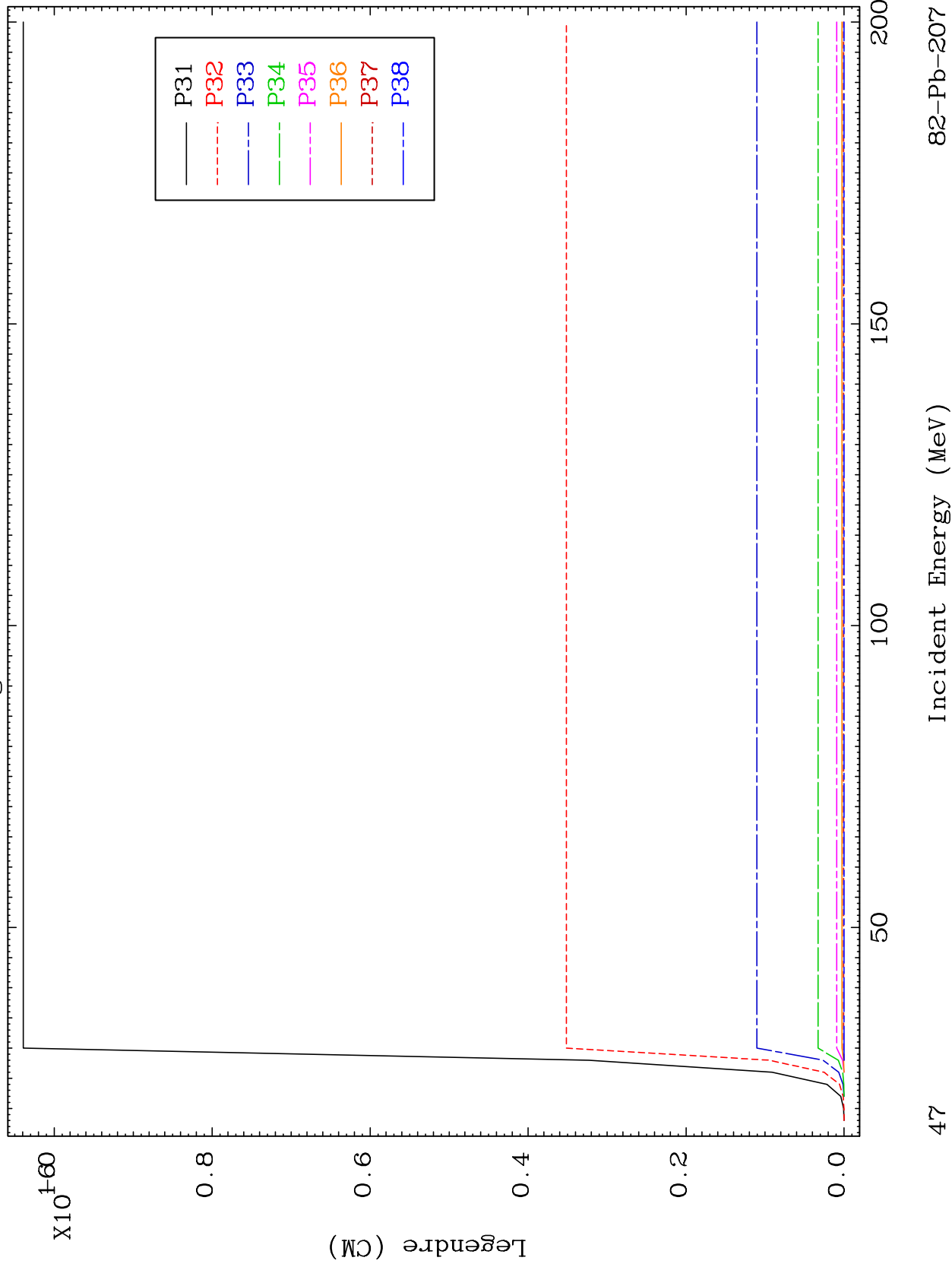
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

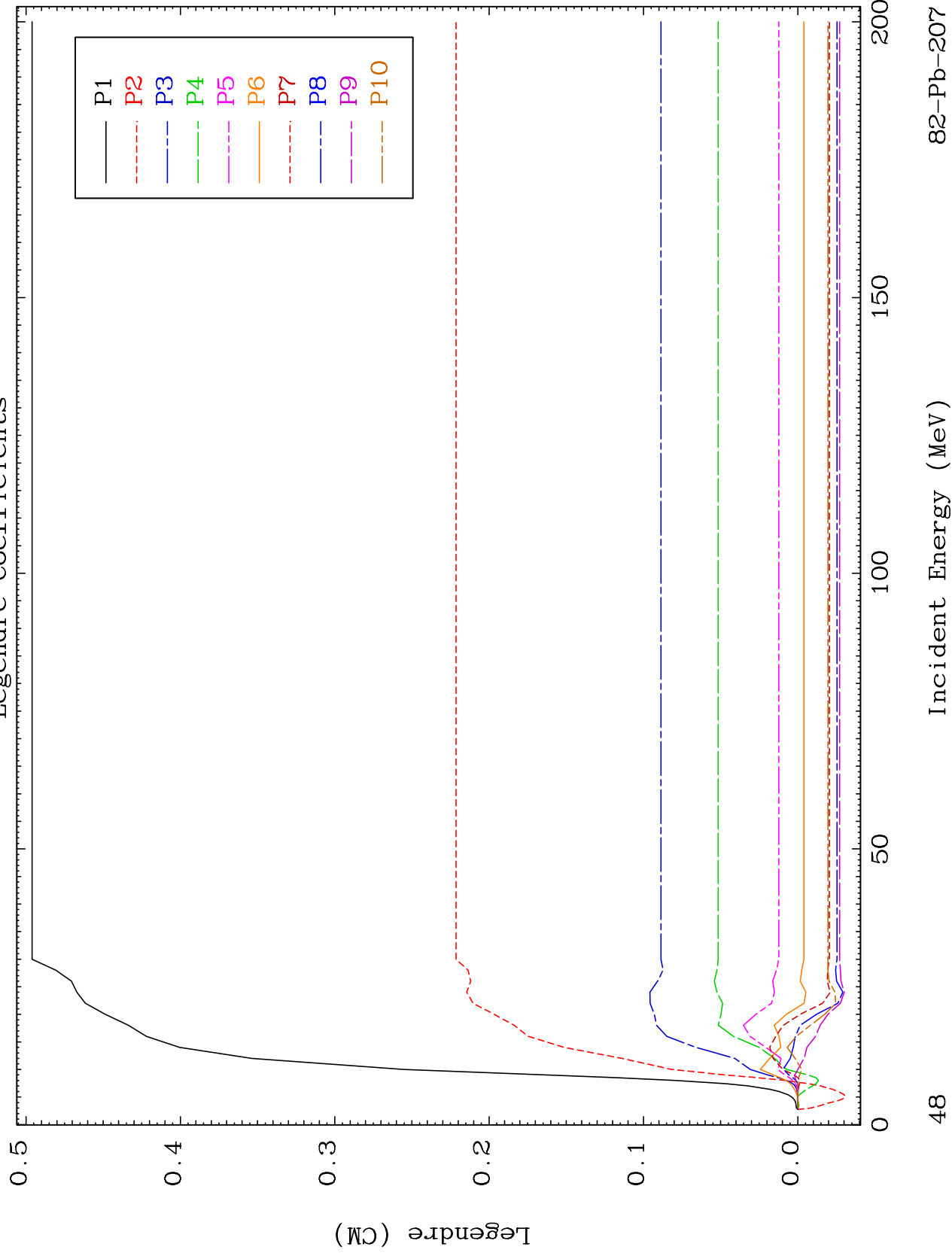
82-Pb-207



MAT 8234

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

82-Pb-207



82-Pb-207

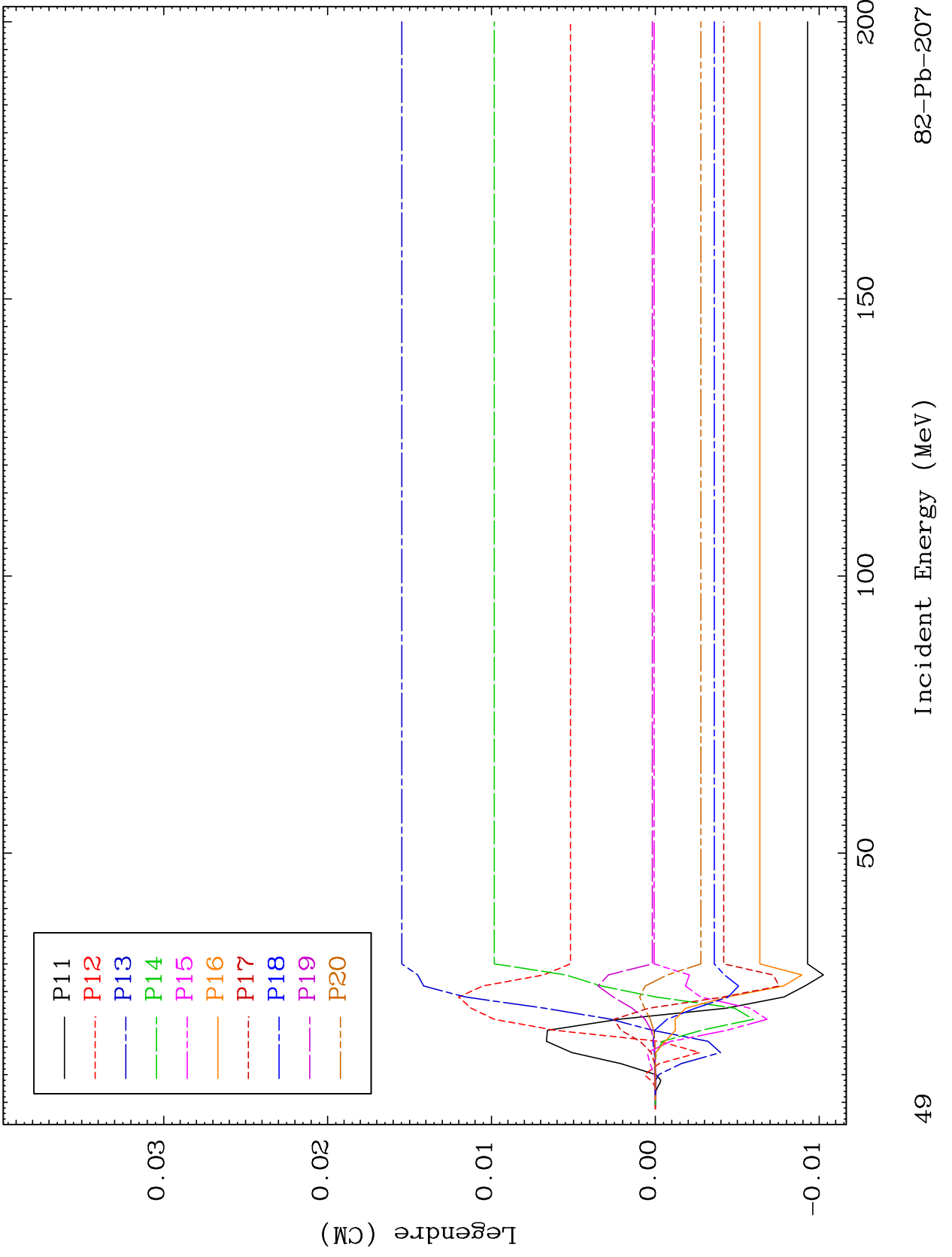
Incident Energy (MeV)

48

MAT 8234

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

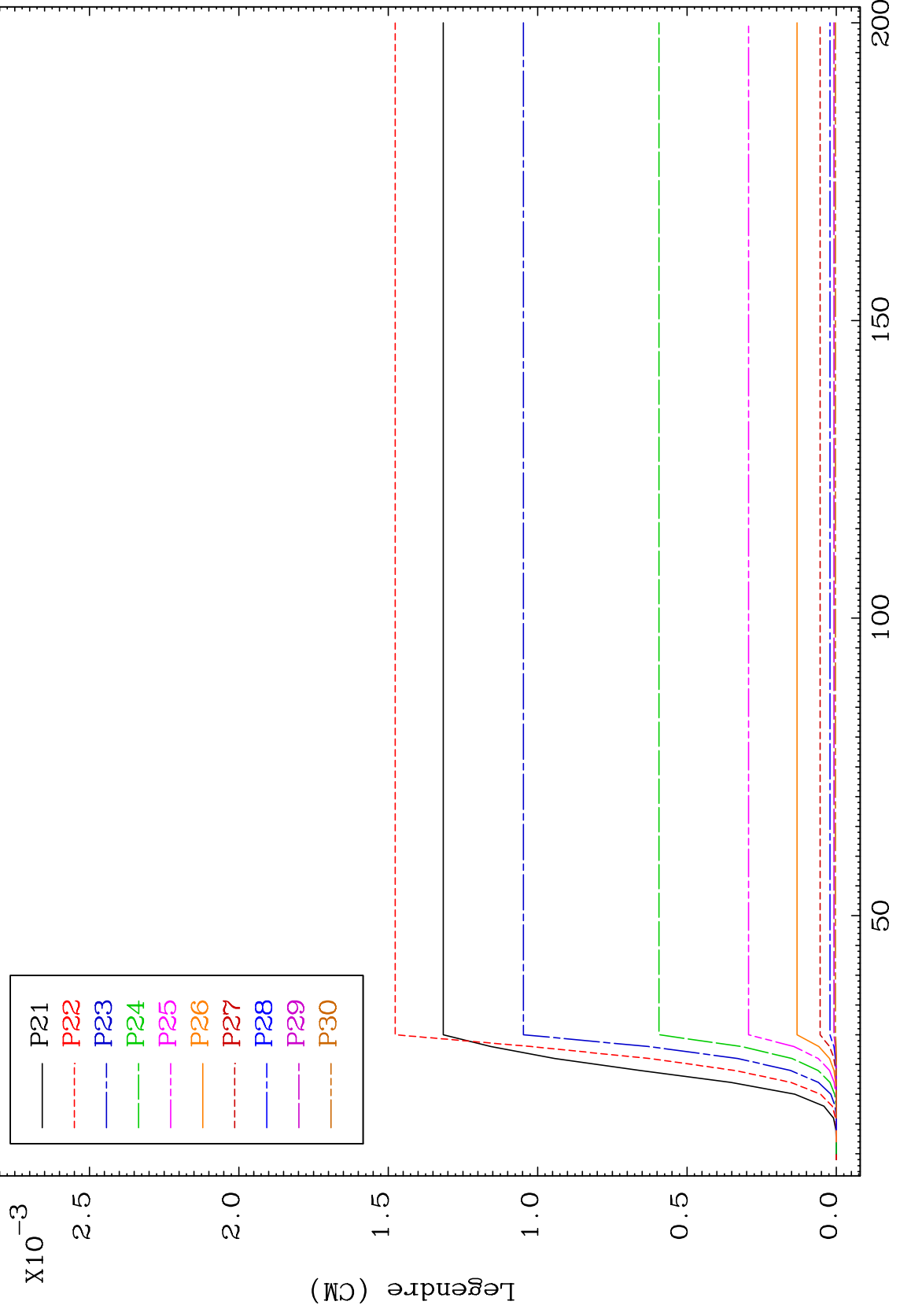
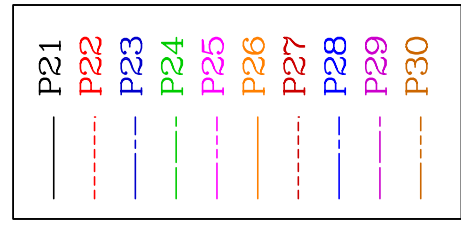
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MAT 8234

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

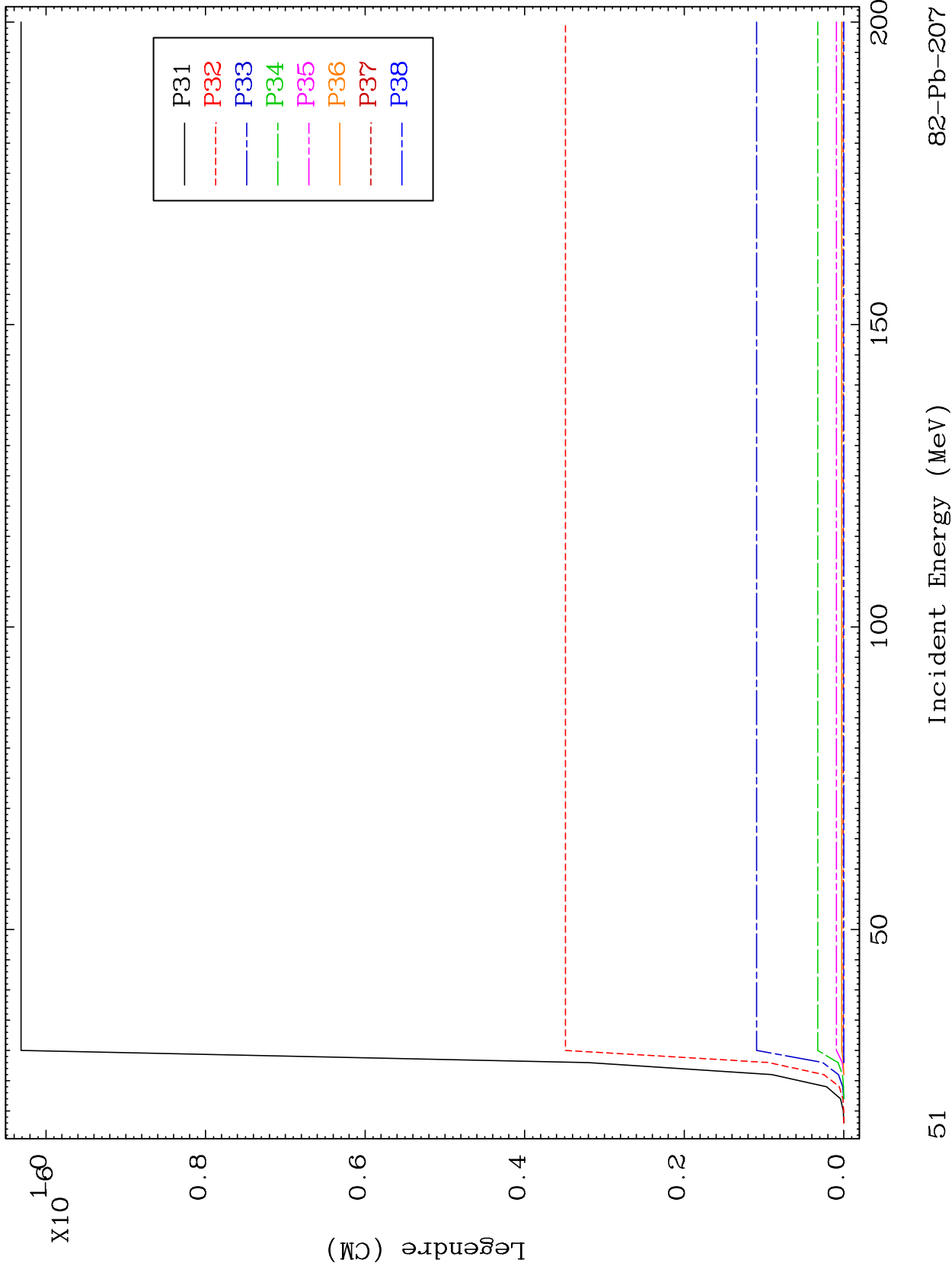
82-Pb-207



82-Pb-207

Incident Energy (MeV)

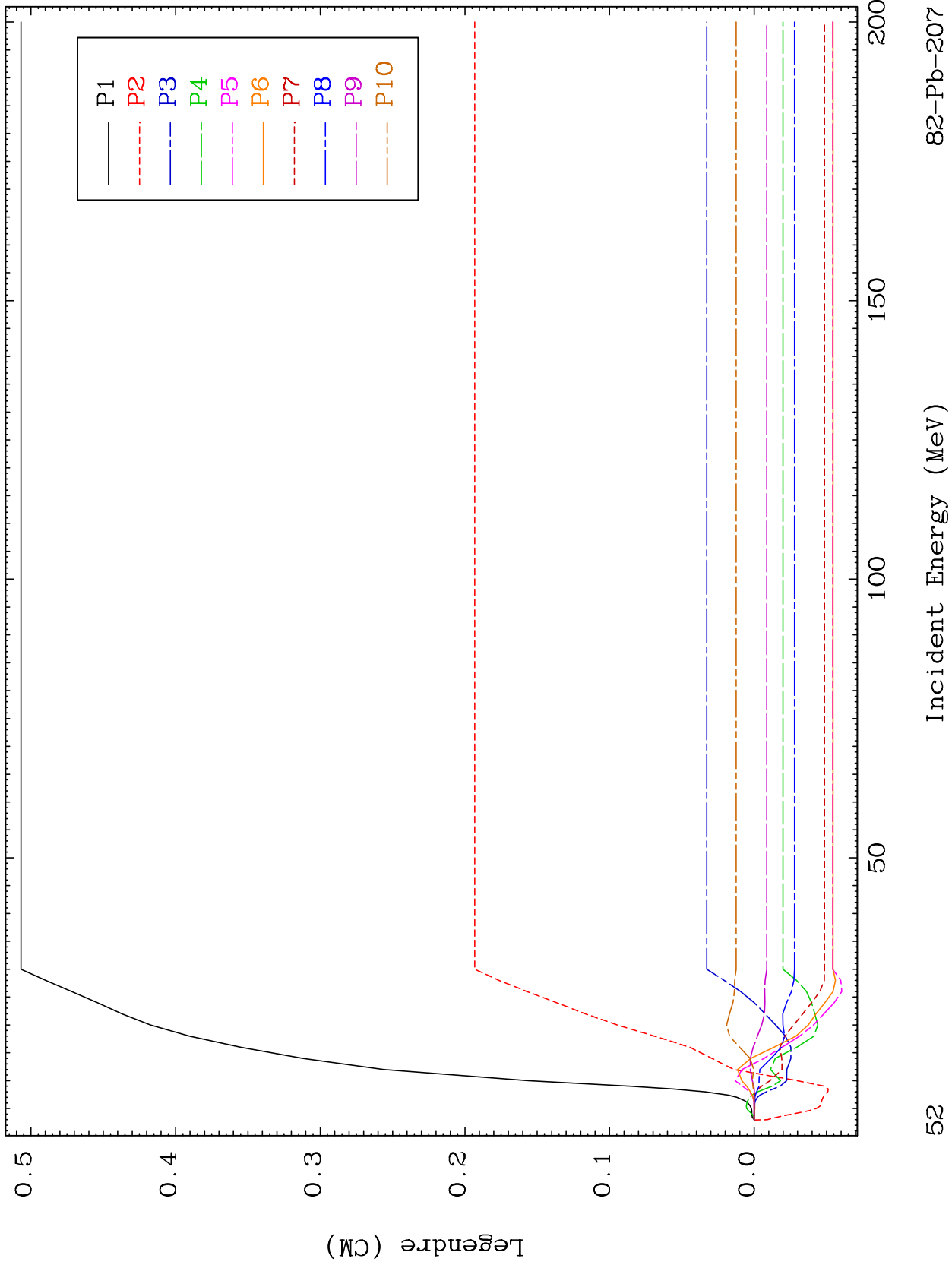
50



MAT 8234

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

82-Pb-207



52

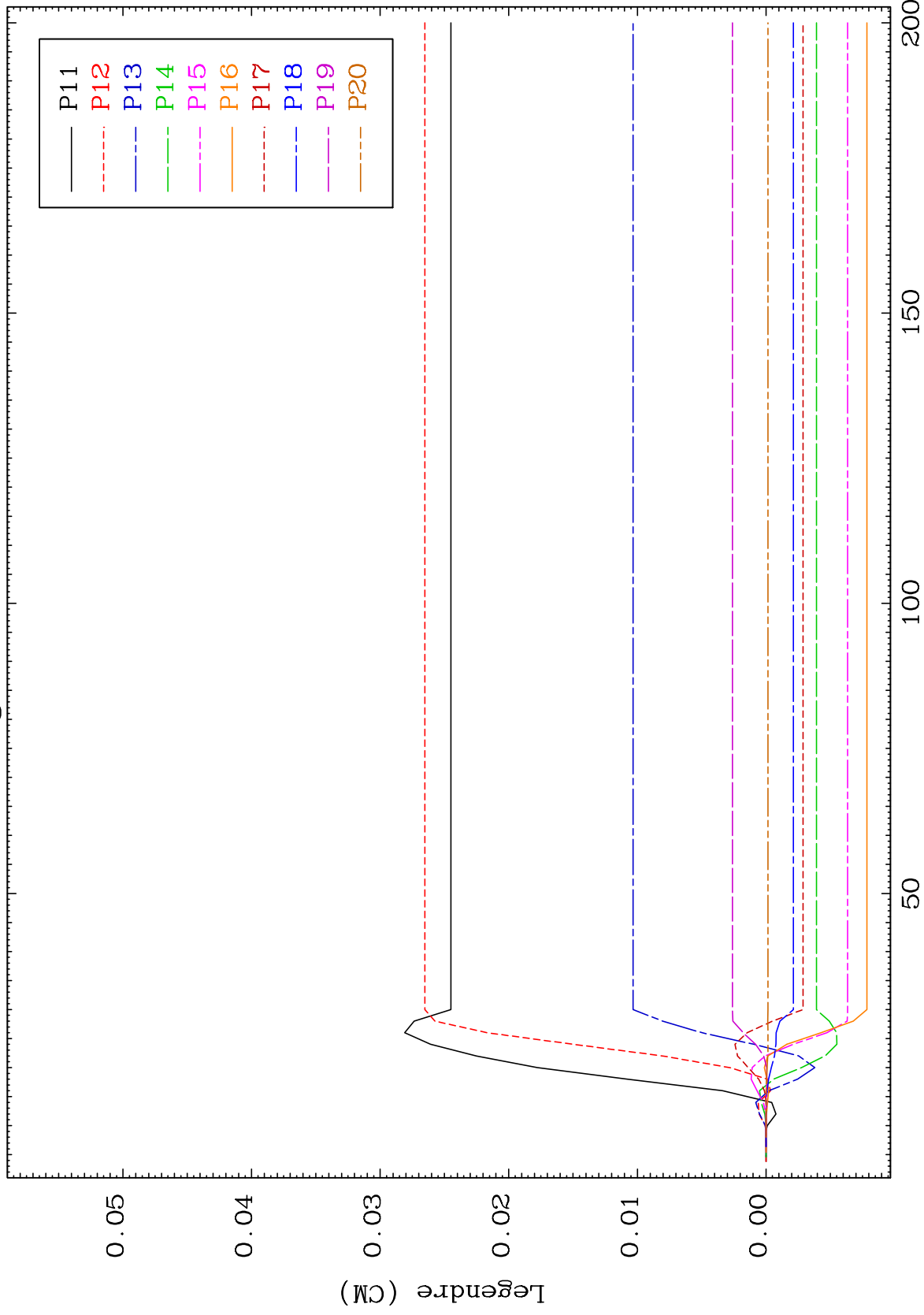
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

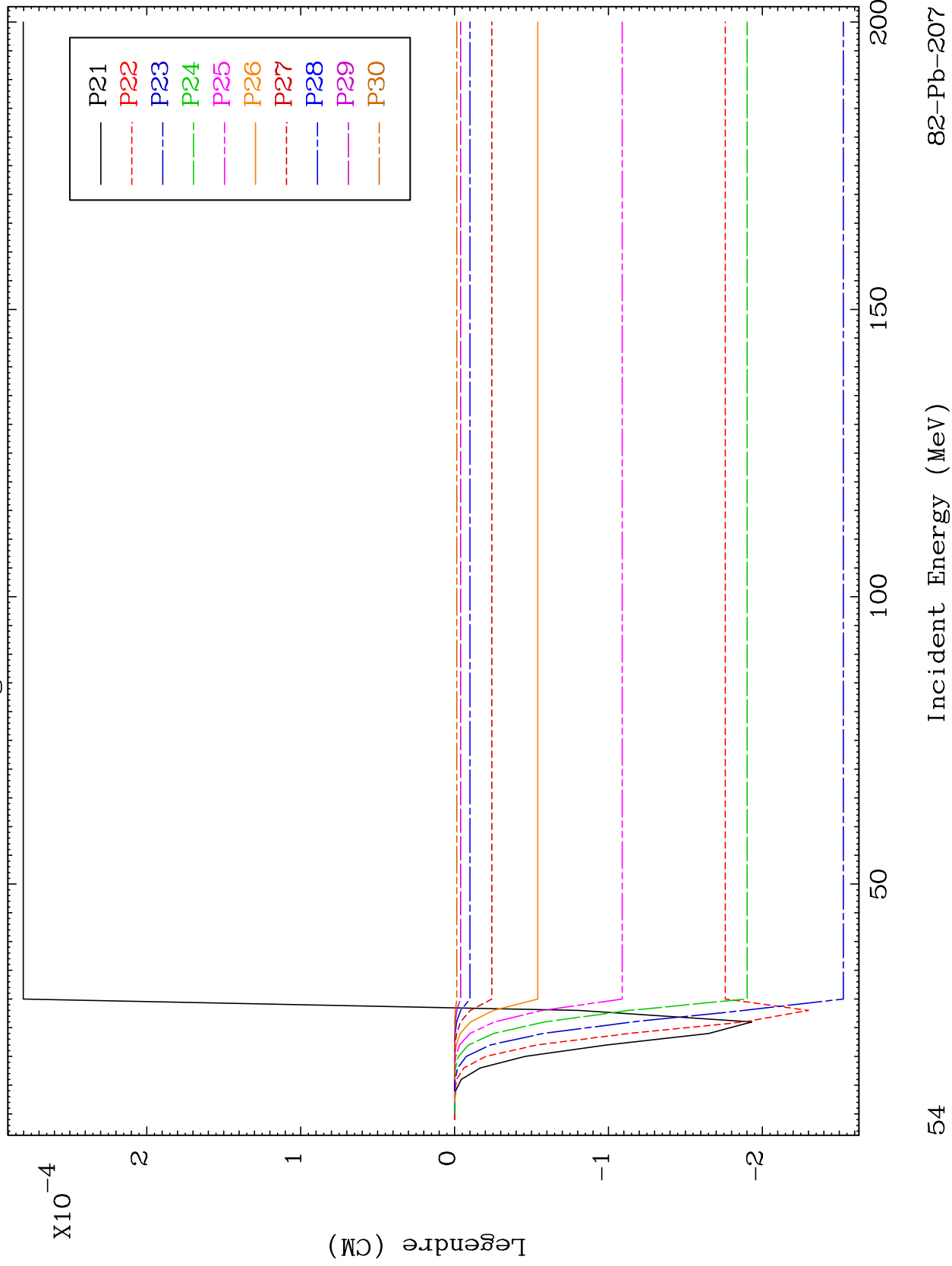
82-Pb-207



MAT 8234

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

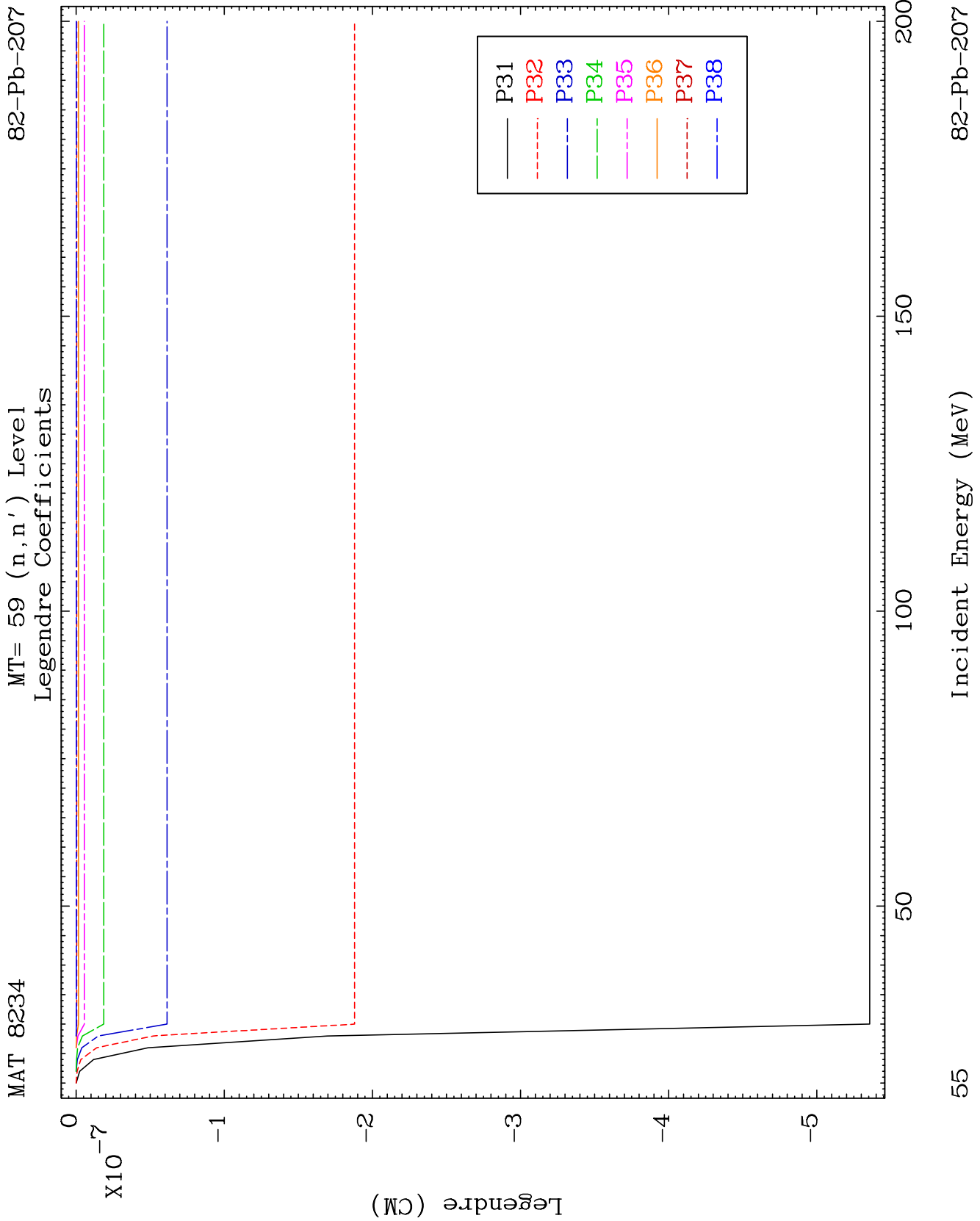
82-Pb-207



54

Incident Energy (MeV)

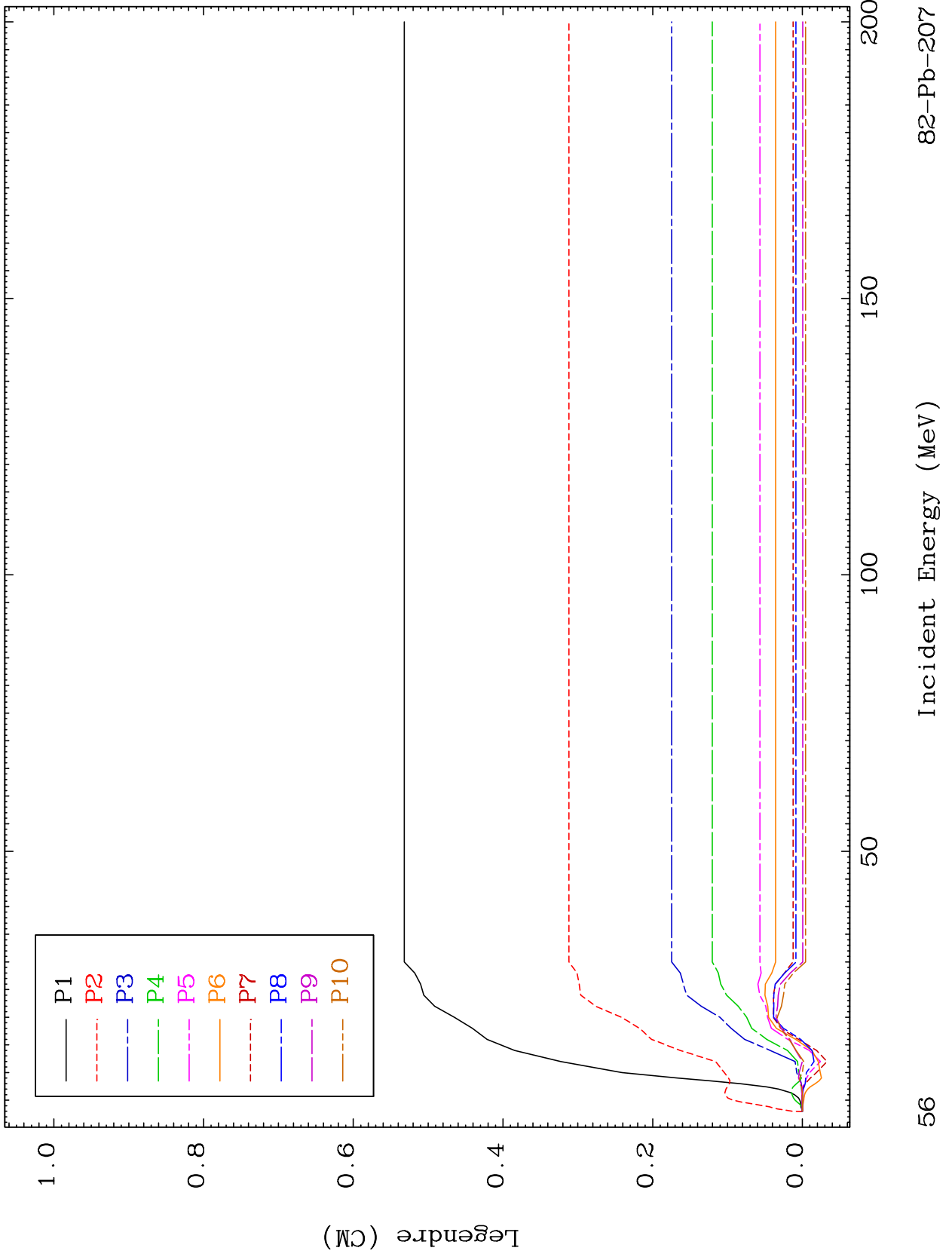
82-Pb-207



MAT 8234

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

82-Pb-207



56

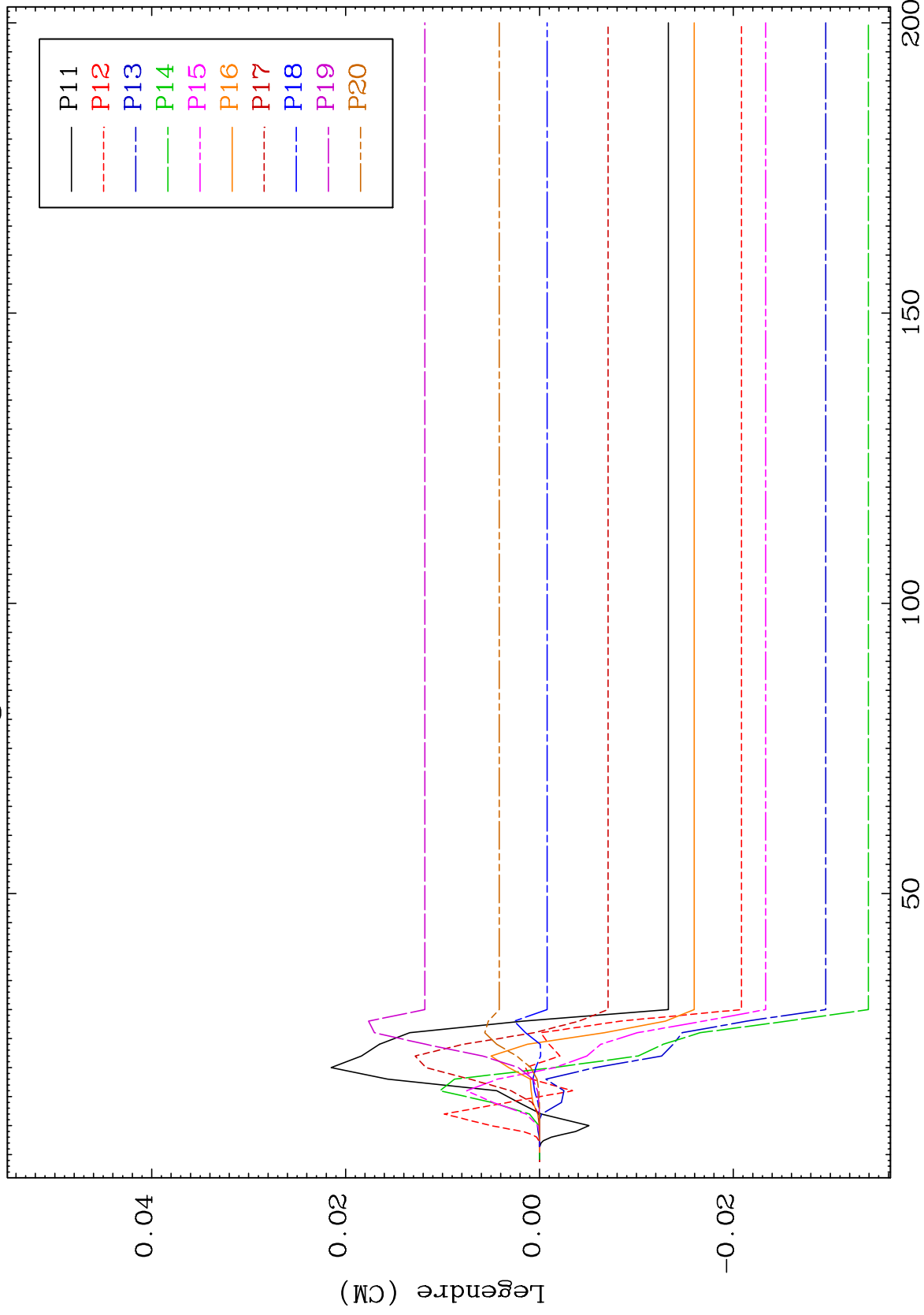
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



57

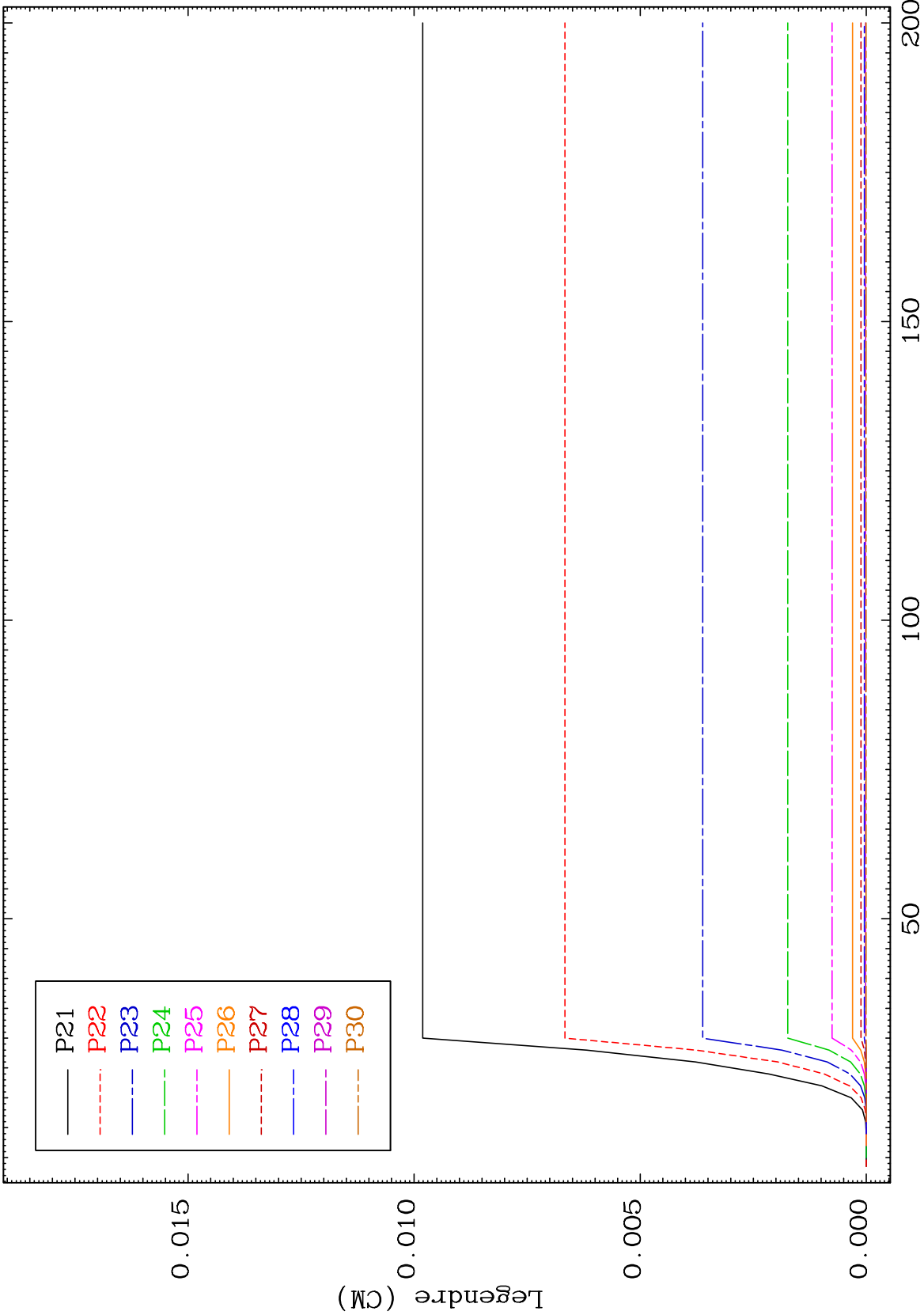
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



58

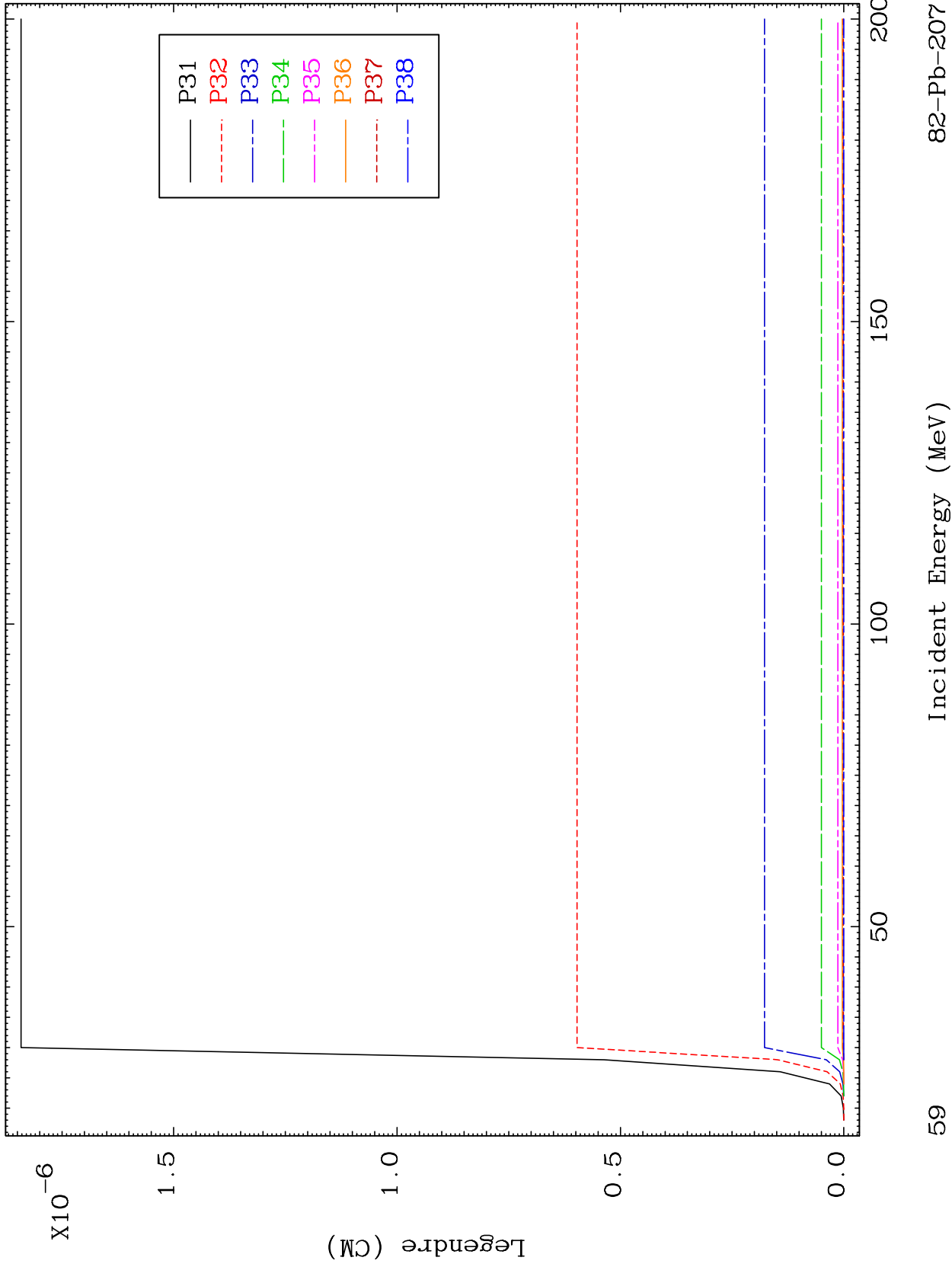
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



59

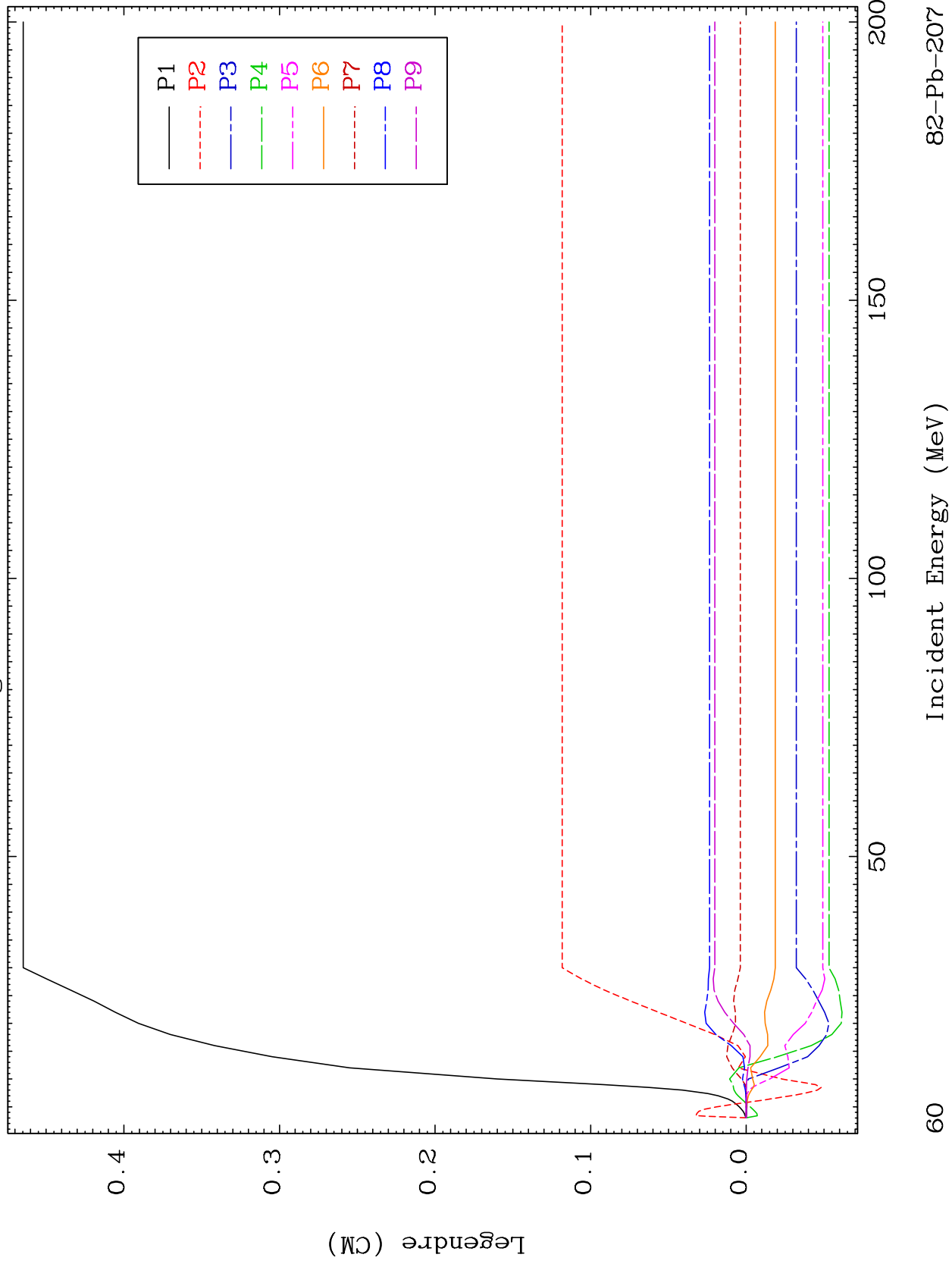
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



82-Pb-207

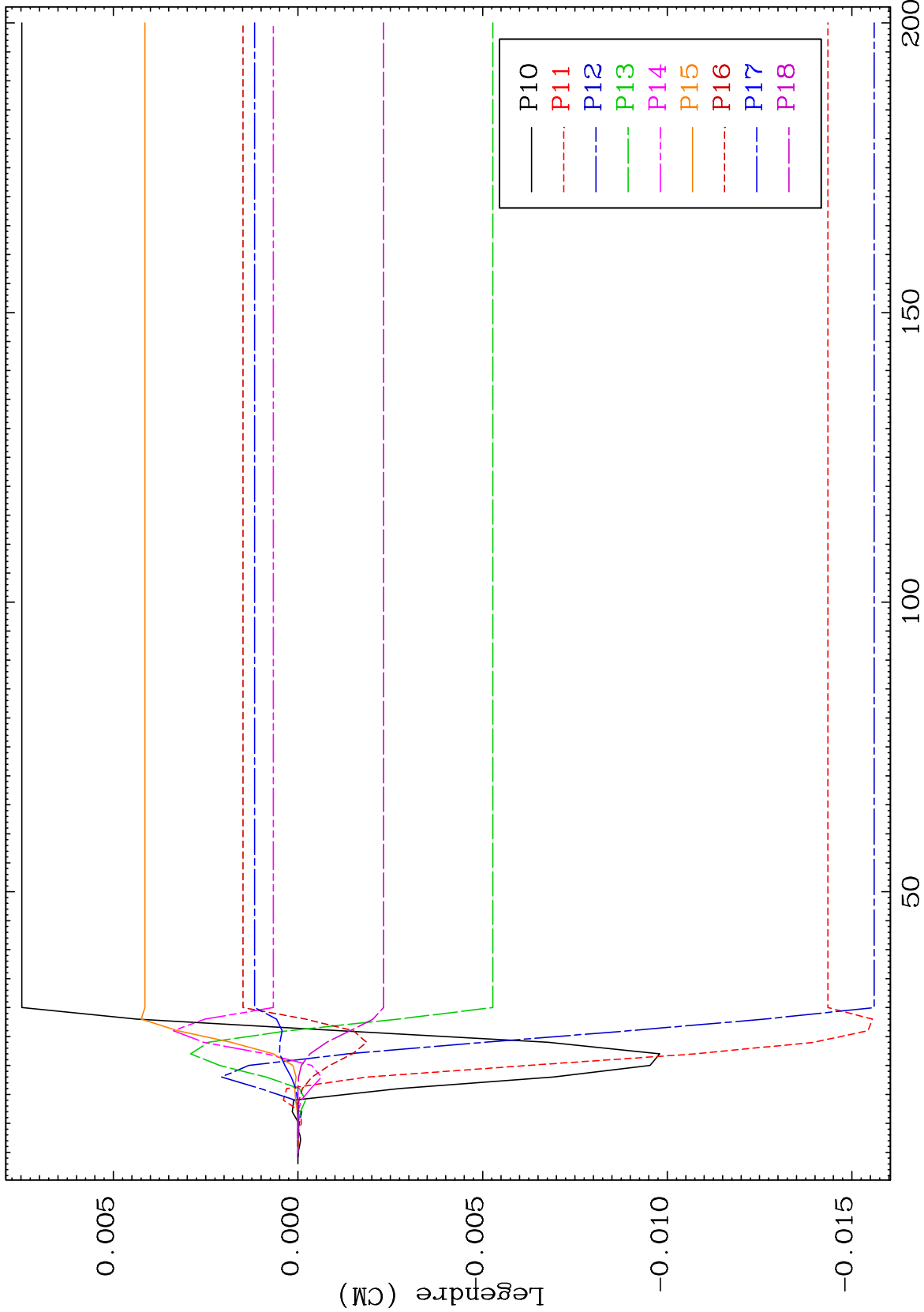
Incident Energy (MeV)

60

MAT 8234

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

82-Pb-207



61

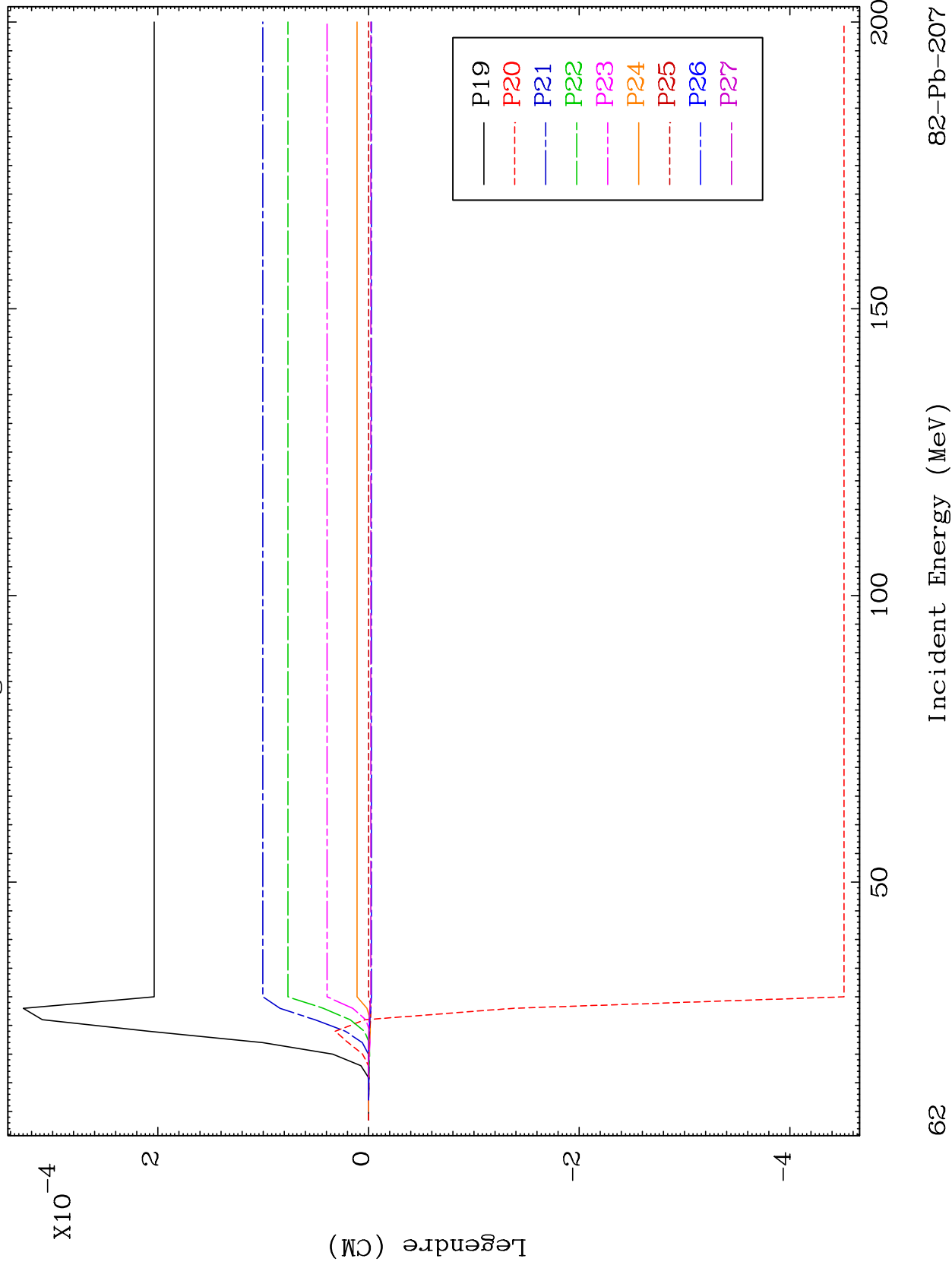
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

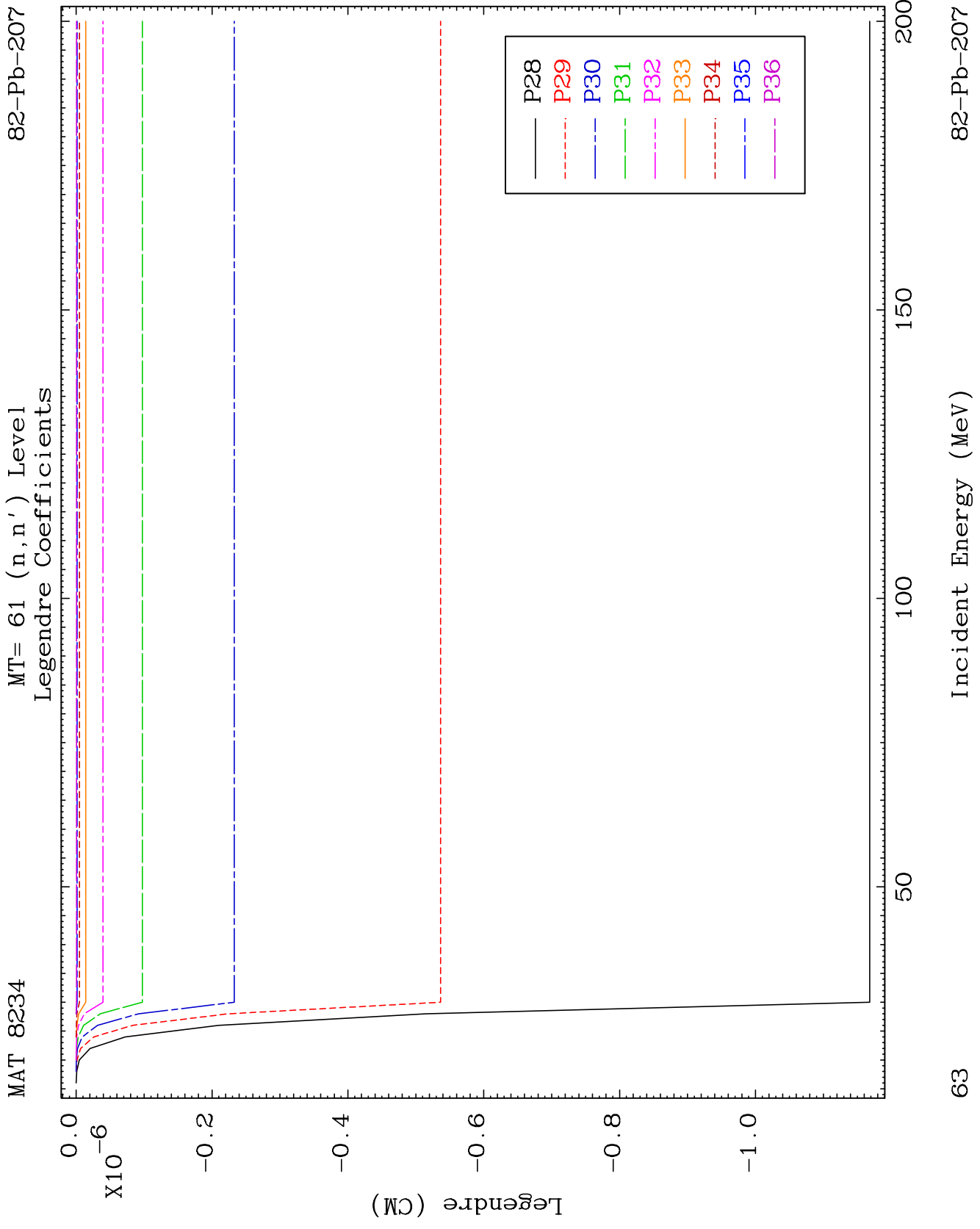
82-Pb-207



62

Incident Energy (MeV)

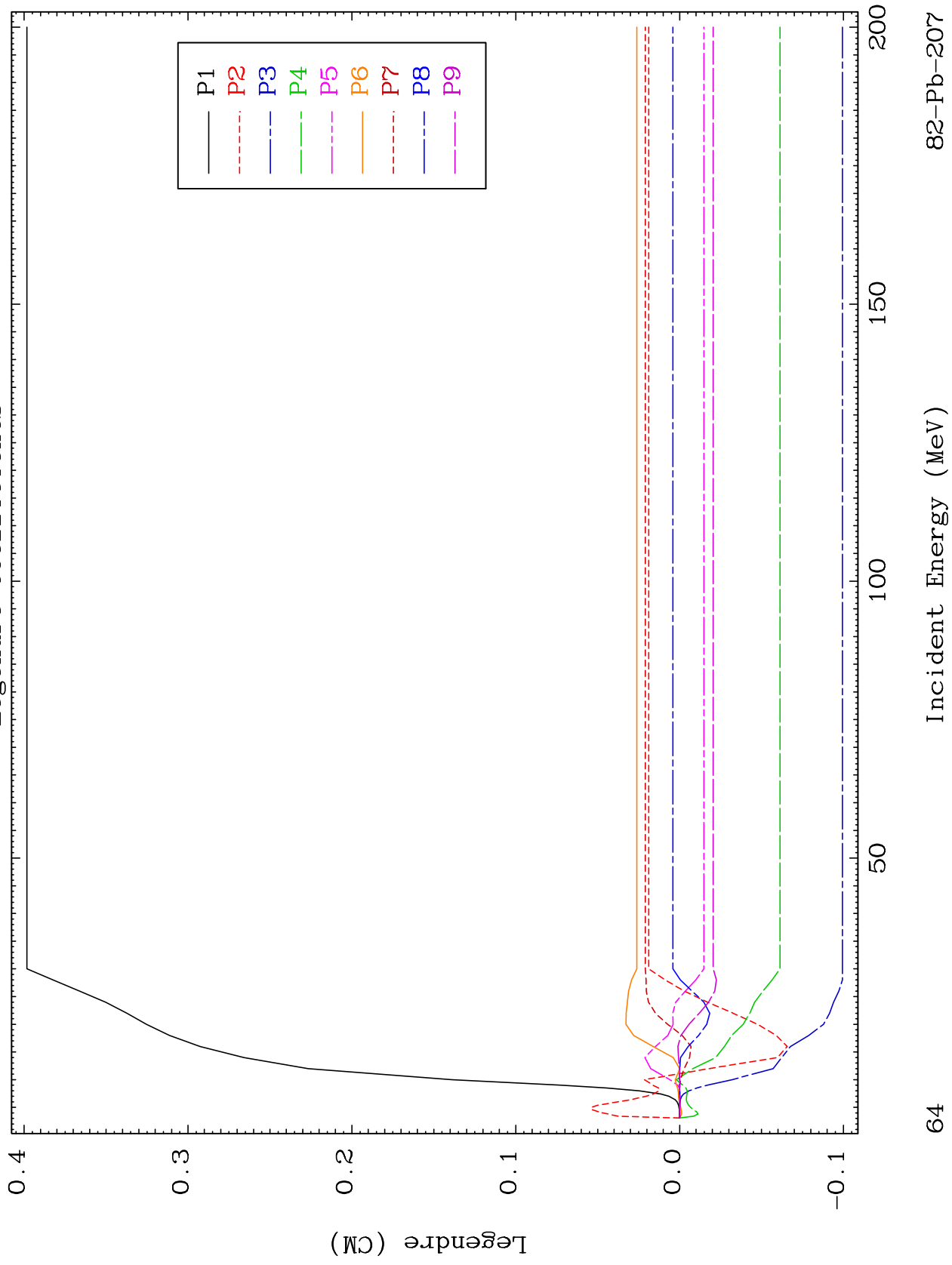
82-Pb-207



MAT 8234

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

82-Pb-207



82-Pb-207

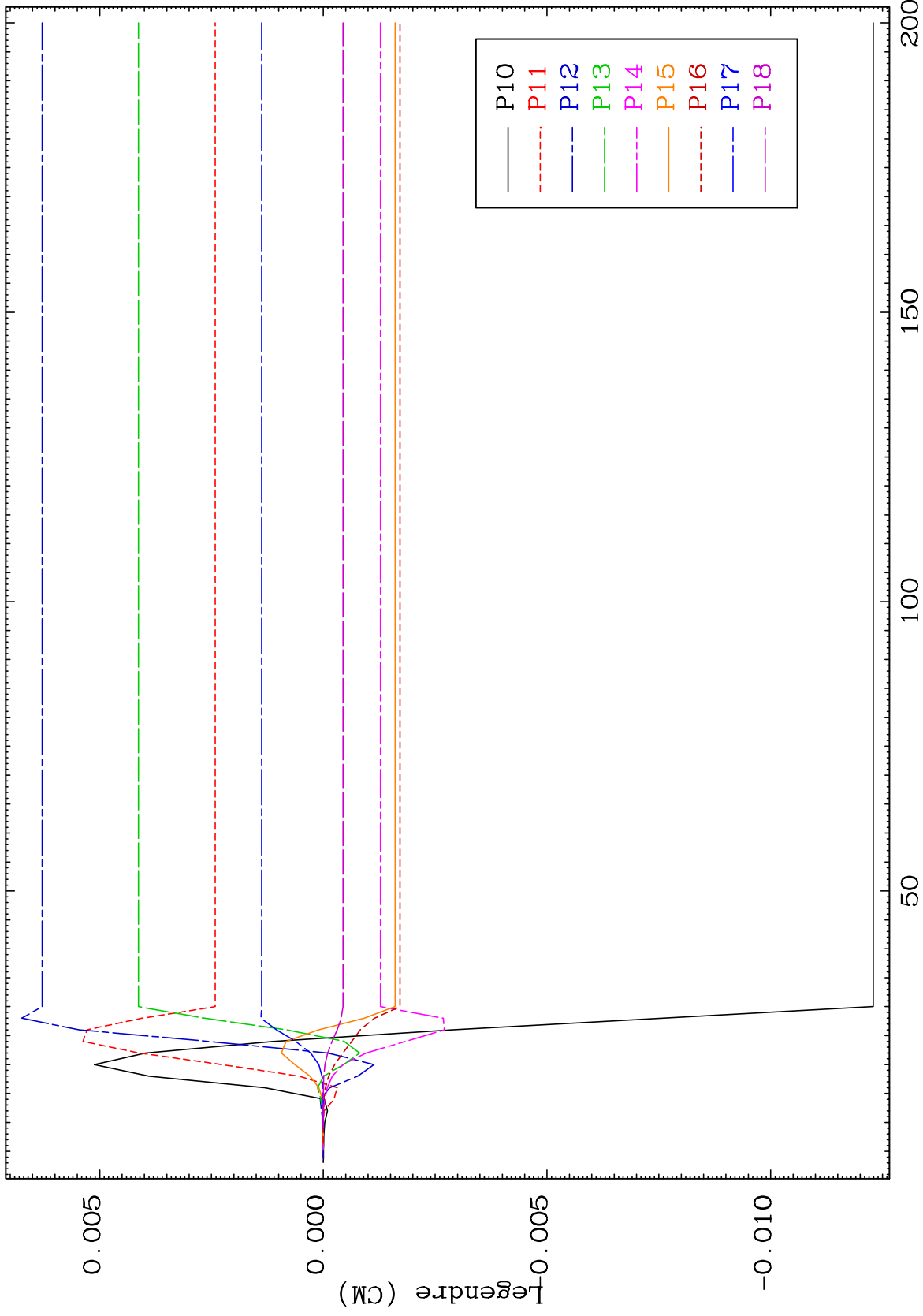
Incident Energy (MeV)

64

MAT 8234

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

82-Pb-207



65

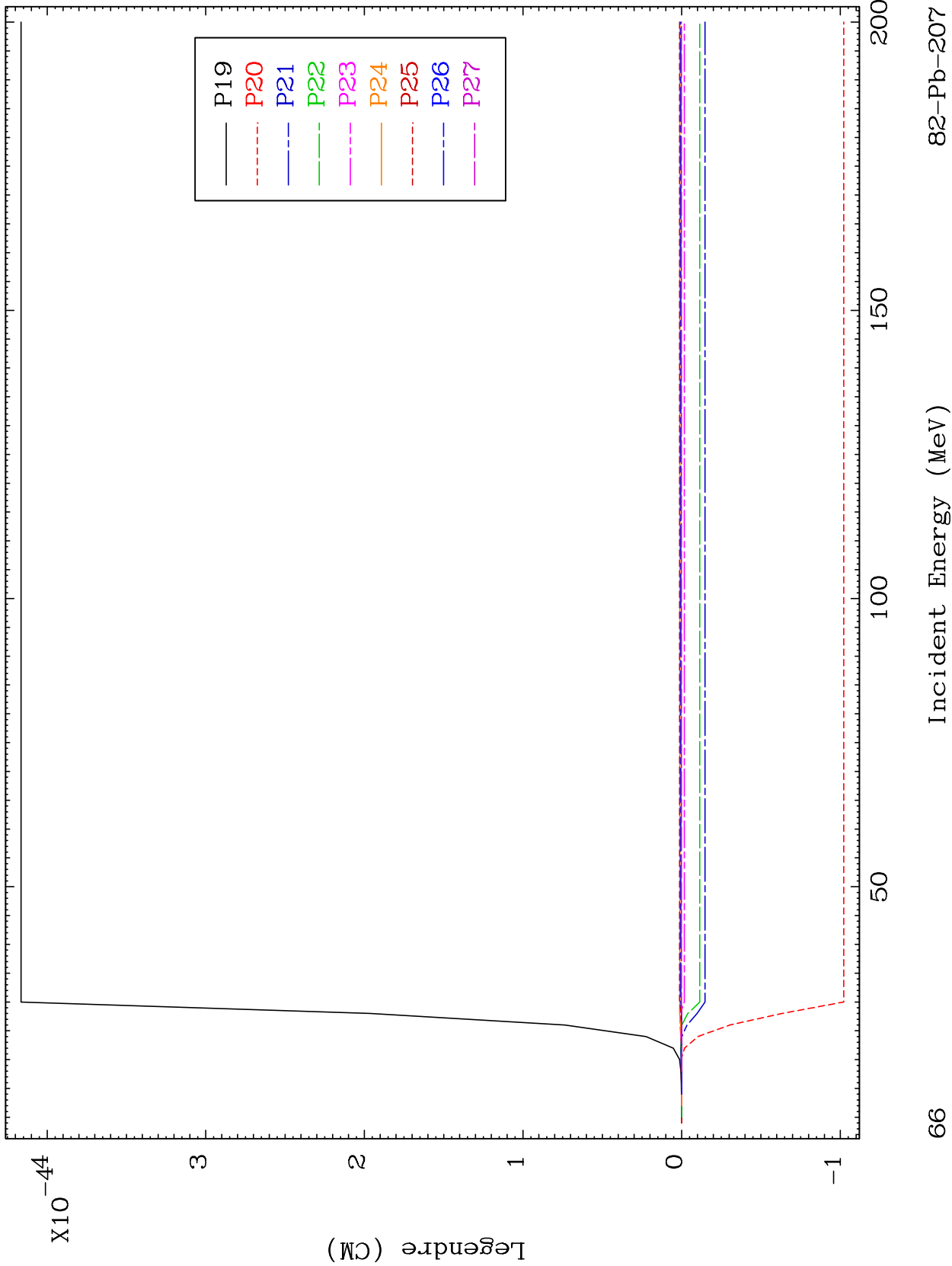
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



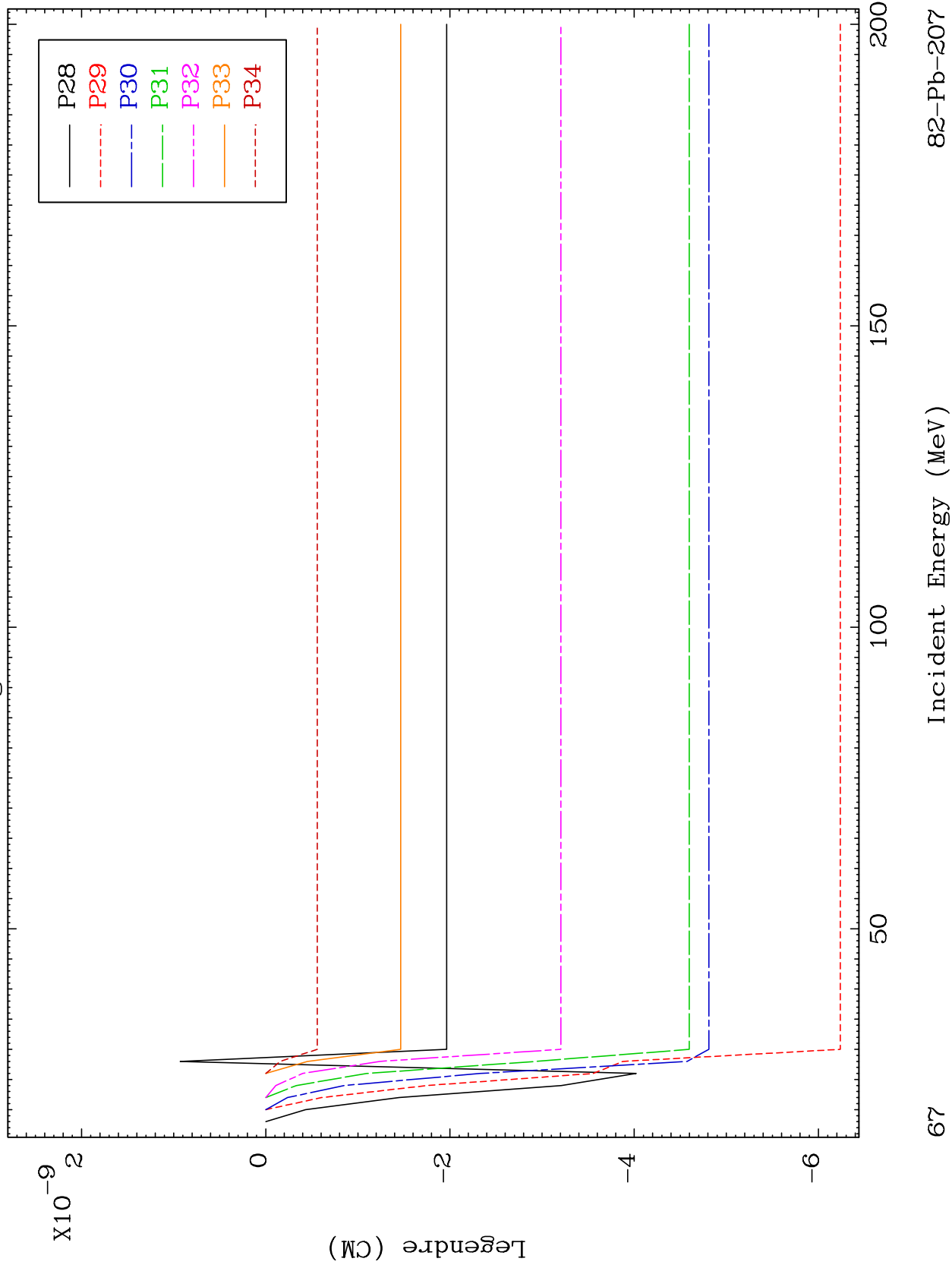
66

82-Pb-207

MAT 8234

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

82-Pb-207



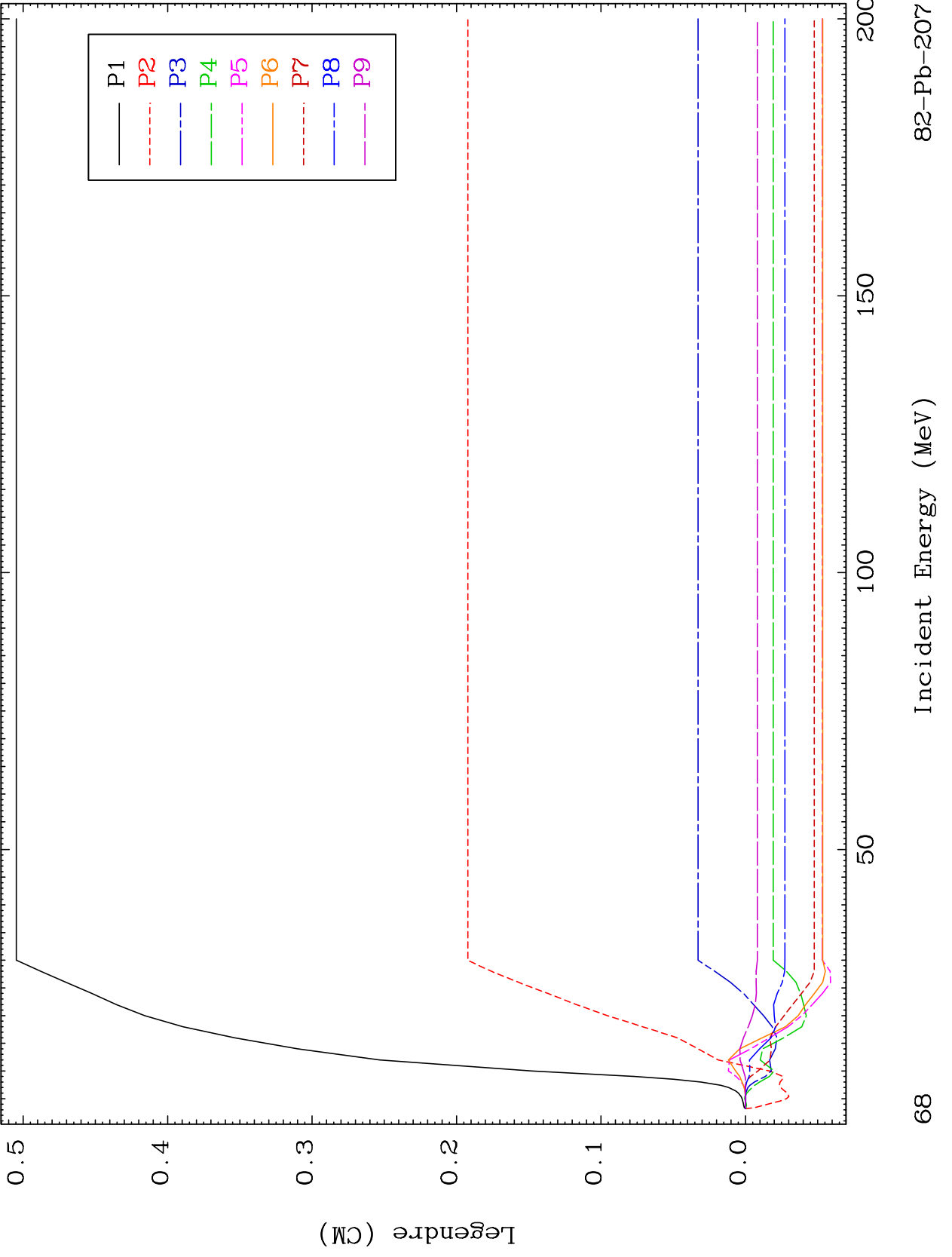
67

82-Pb-207

MAT 8234

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

82-Pb-207



68

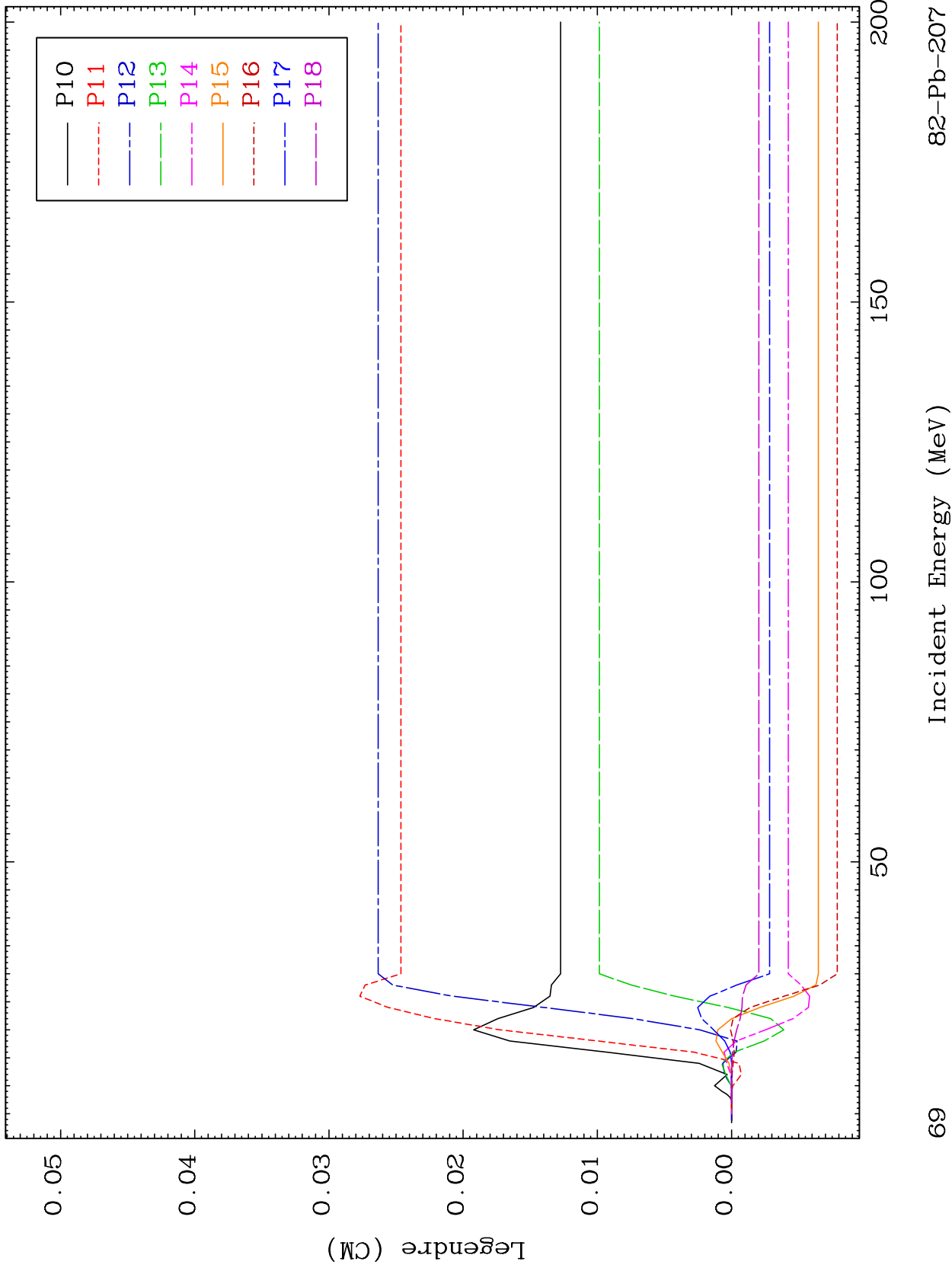
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207

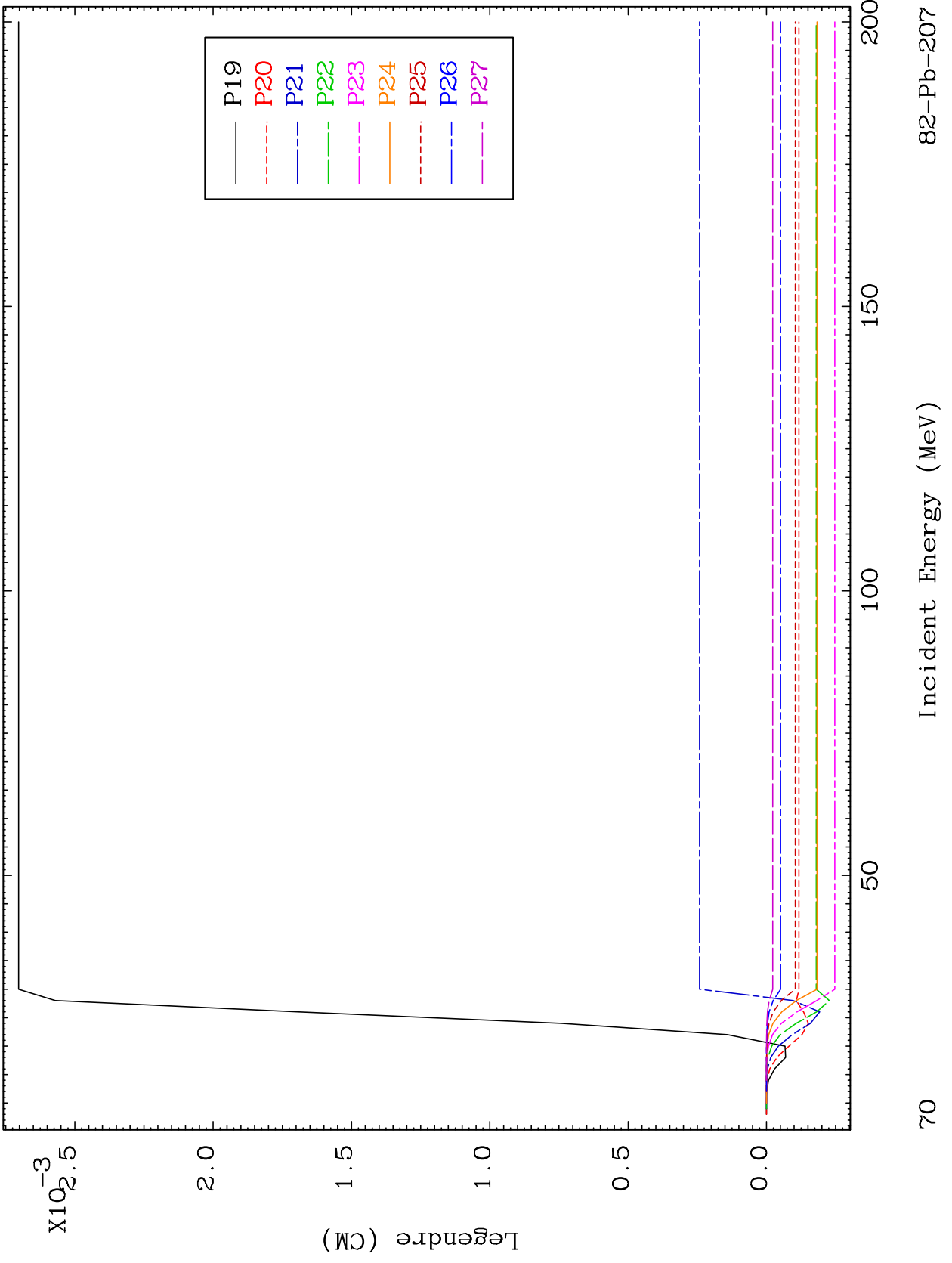


69

MAT 8234

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

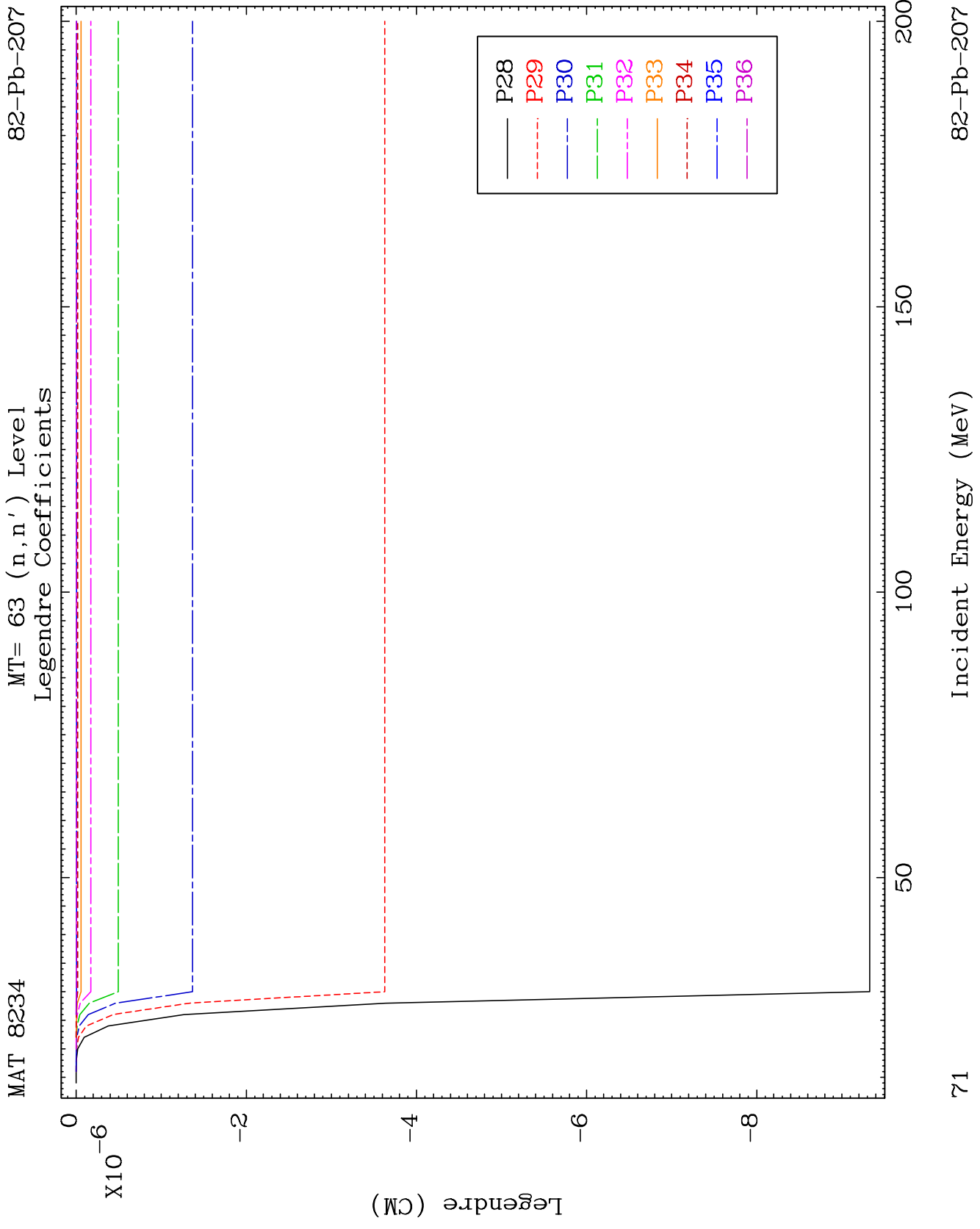
82-Pb-207



70

Incident Energy (MeV)

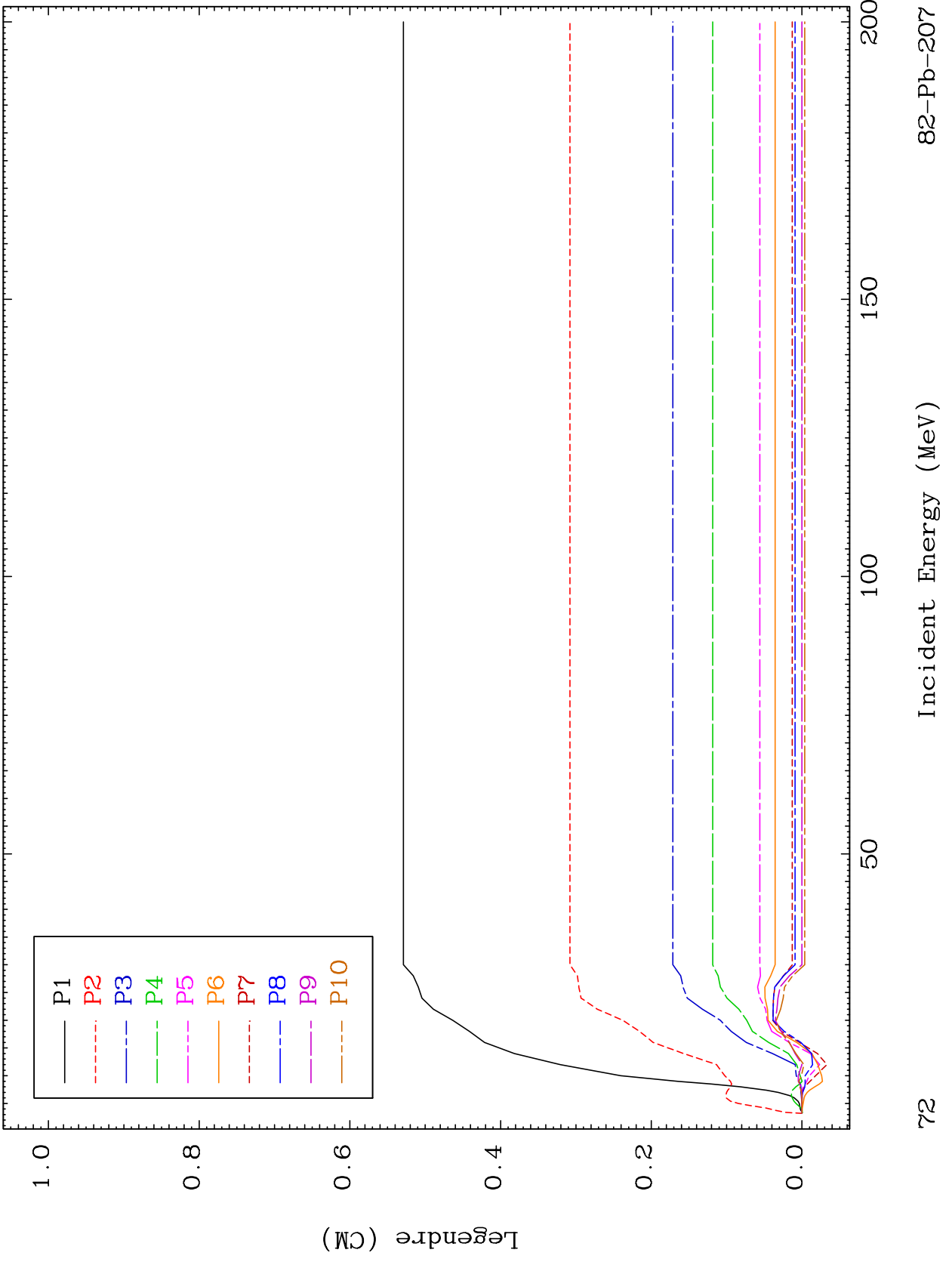
82-Pb-207



MAT 8234

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

82-Pb-207

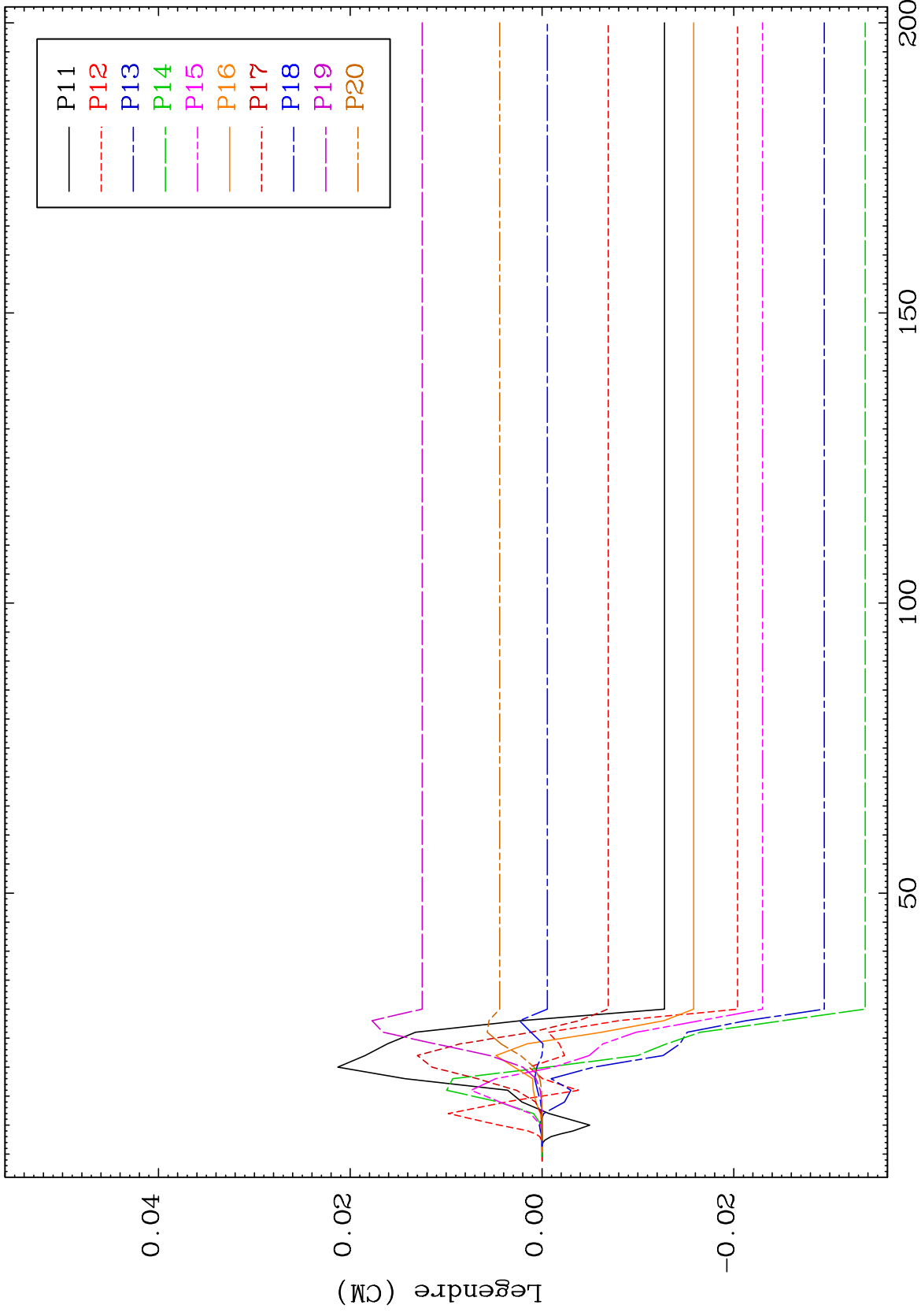


72

MAT 8234

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

82-Pb-207



73

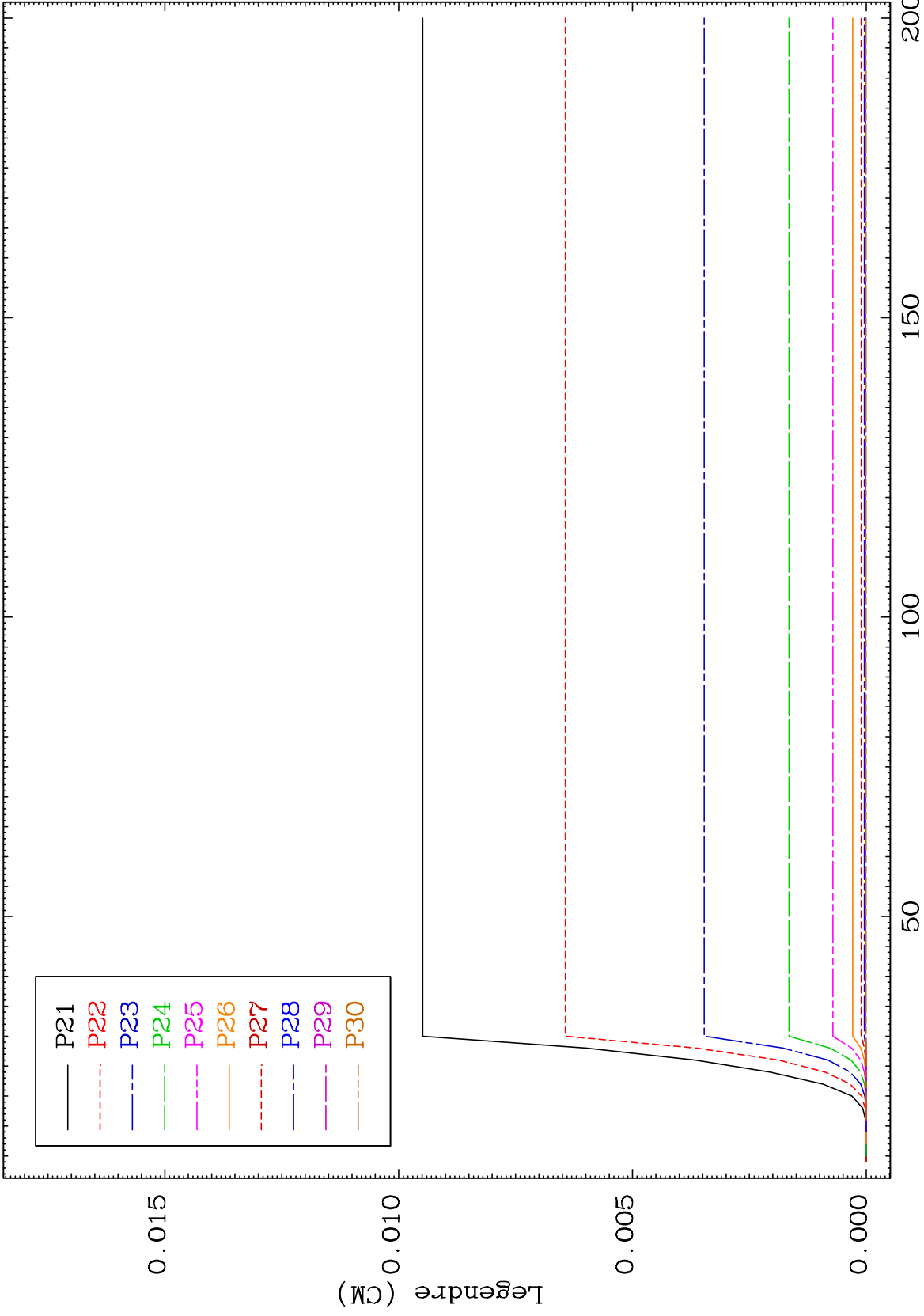
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



74

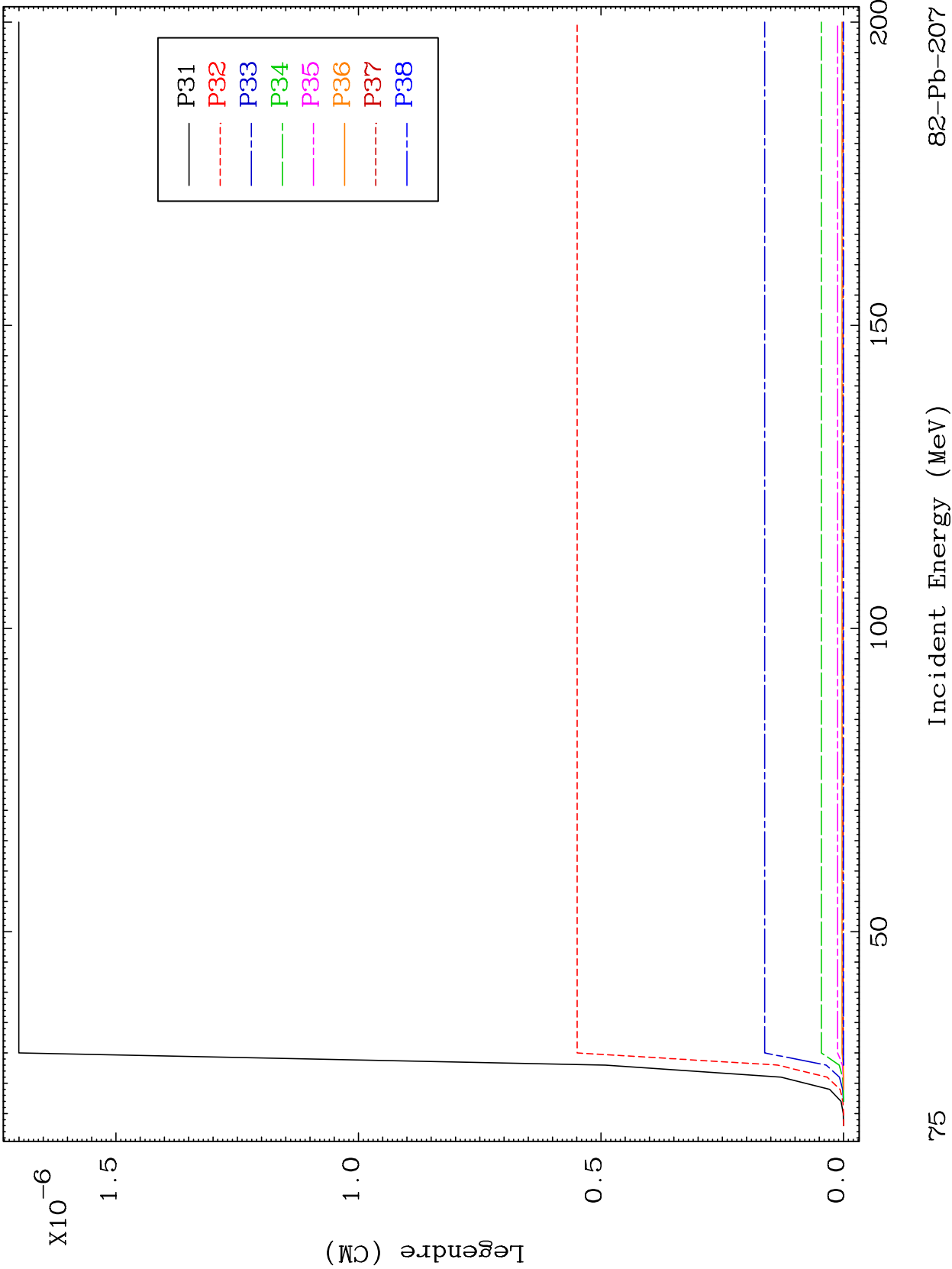
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

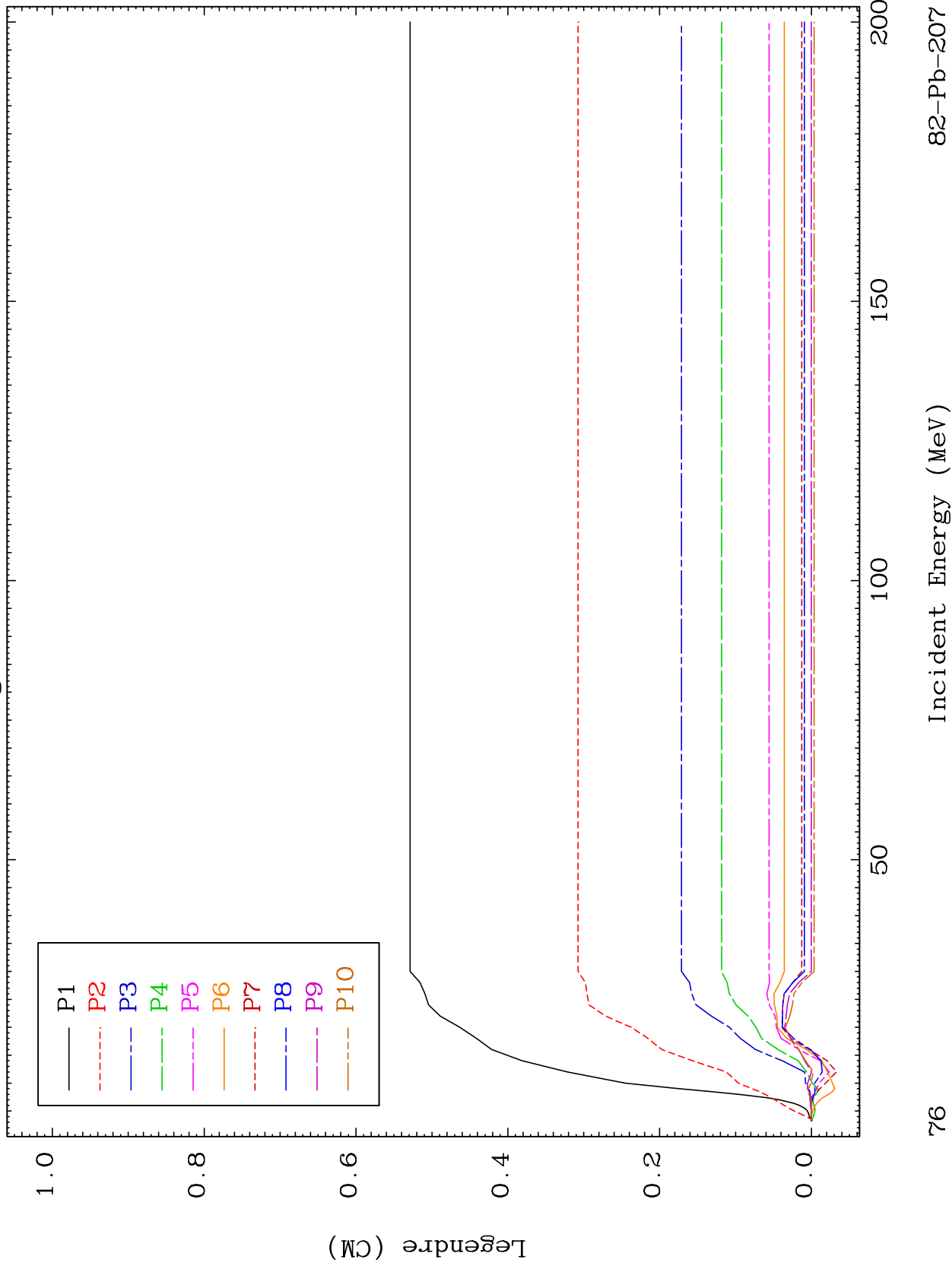
82-Pb-207



MAT 8234

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

82-Pb-207



76

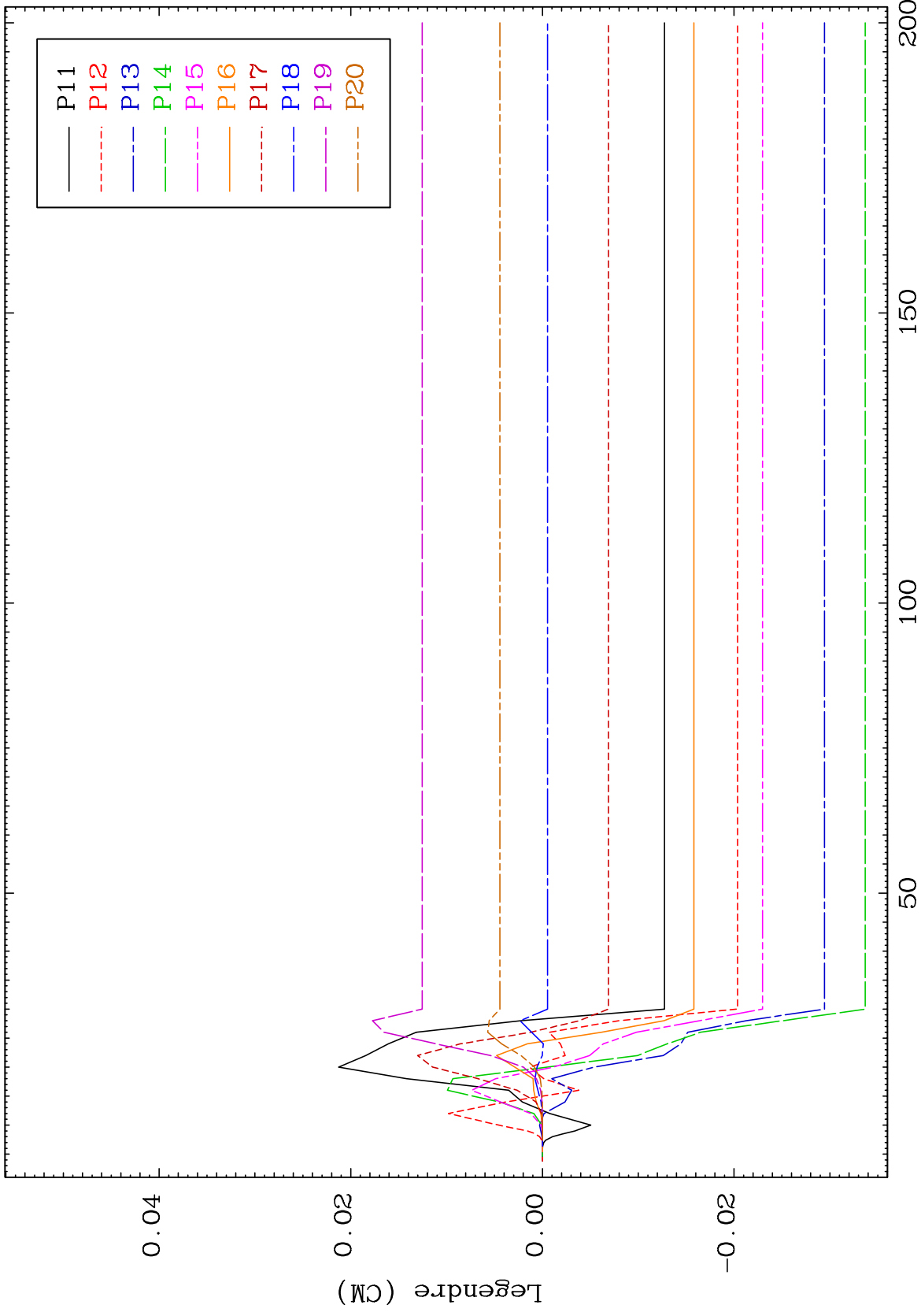
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

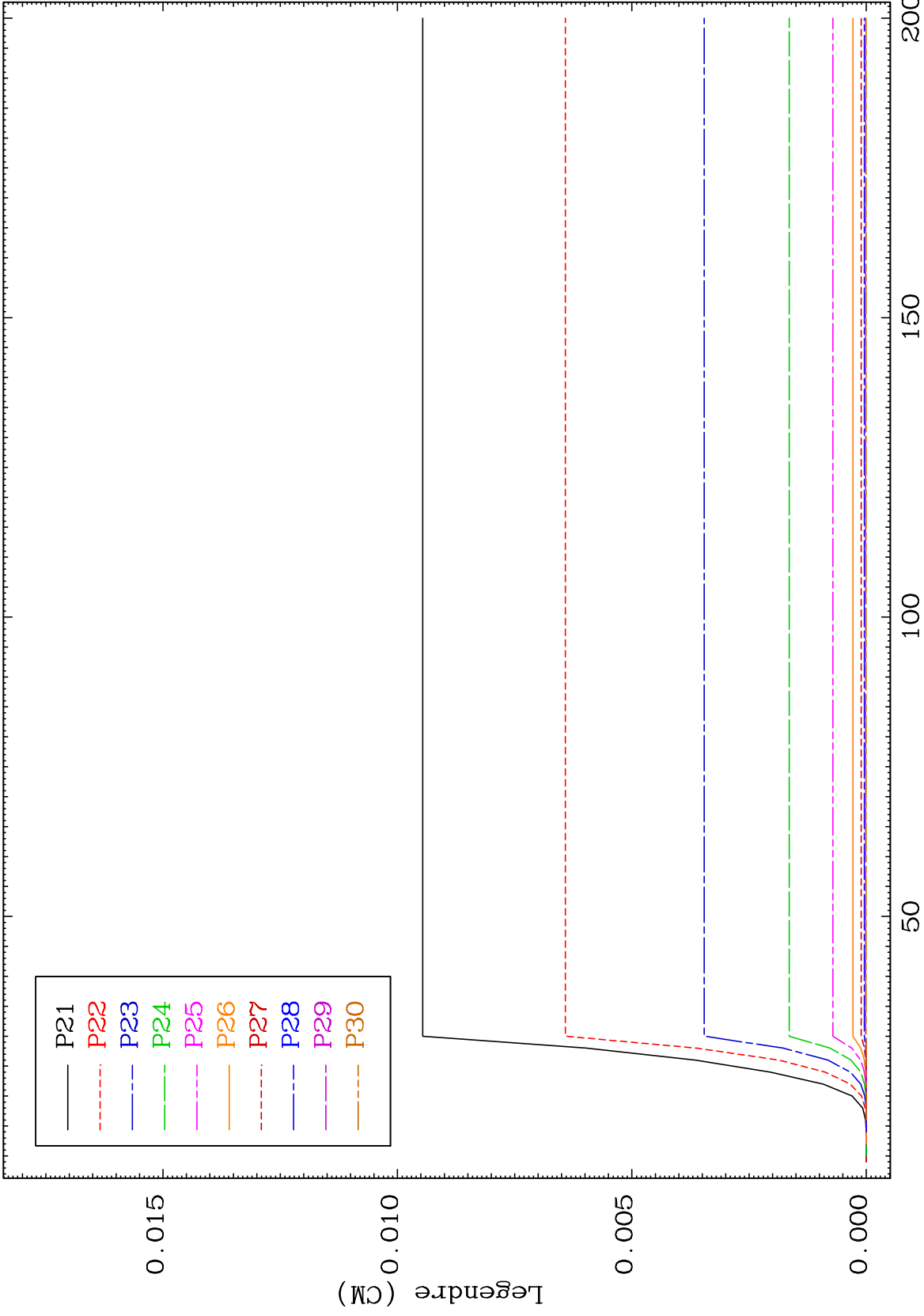
82-Pb-207



MAT 8234

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

82-Pb-207



78

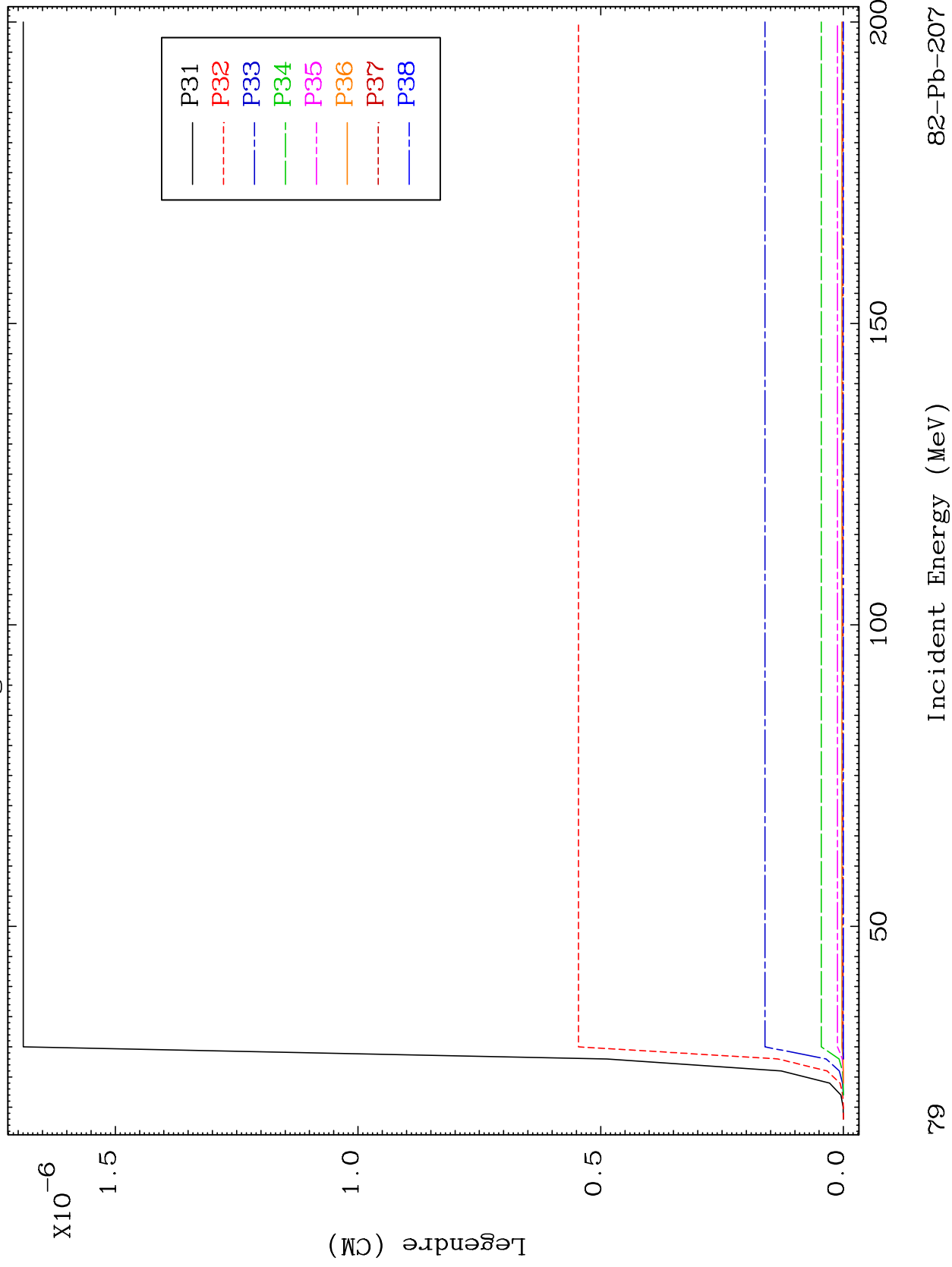
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



79

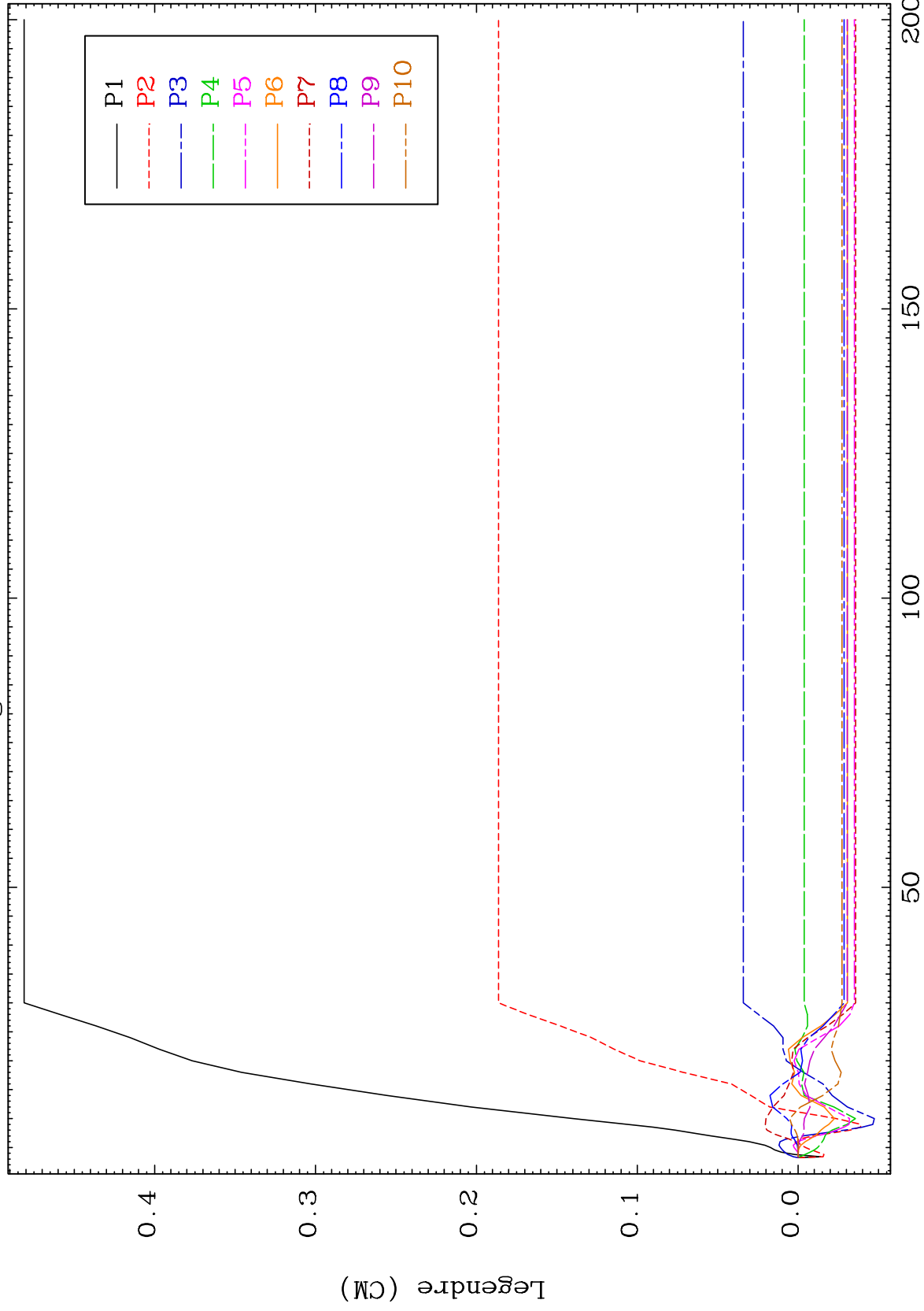
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



82-Pb-207

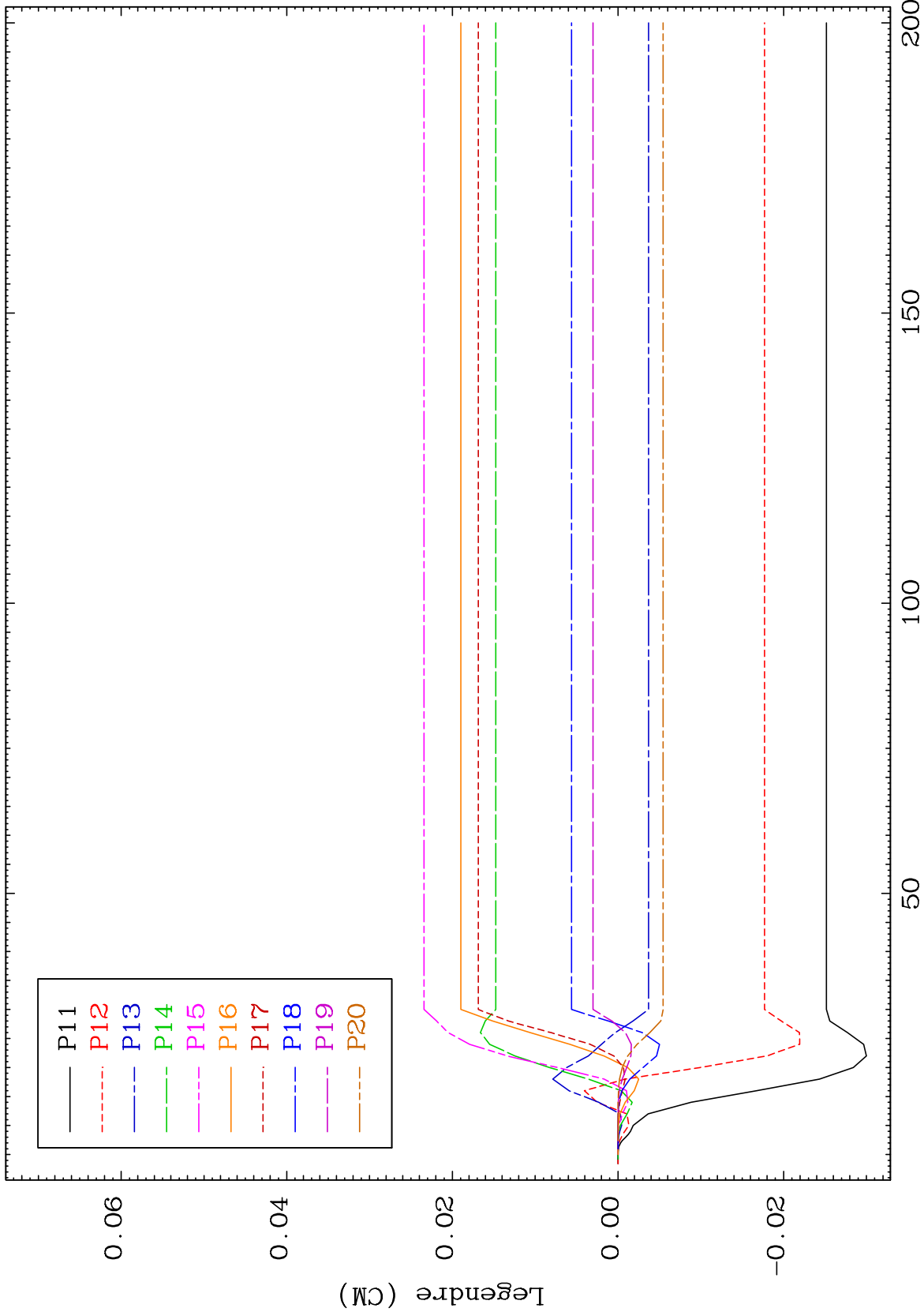
Incident Energy (MeV)

80

MAT 8234

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

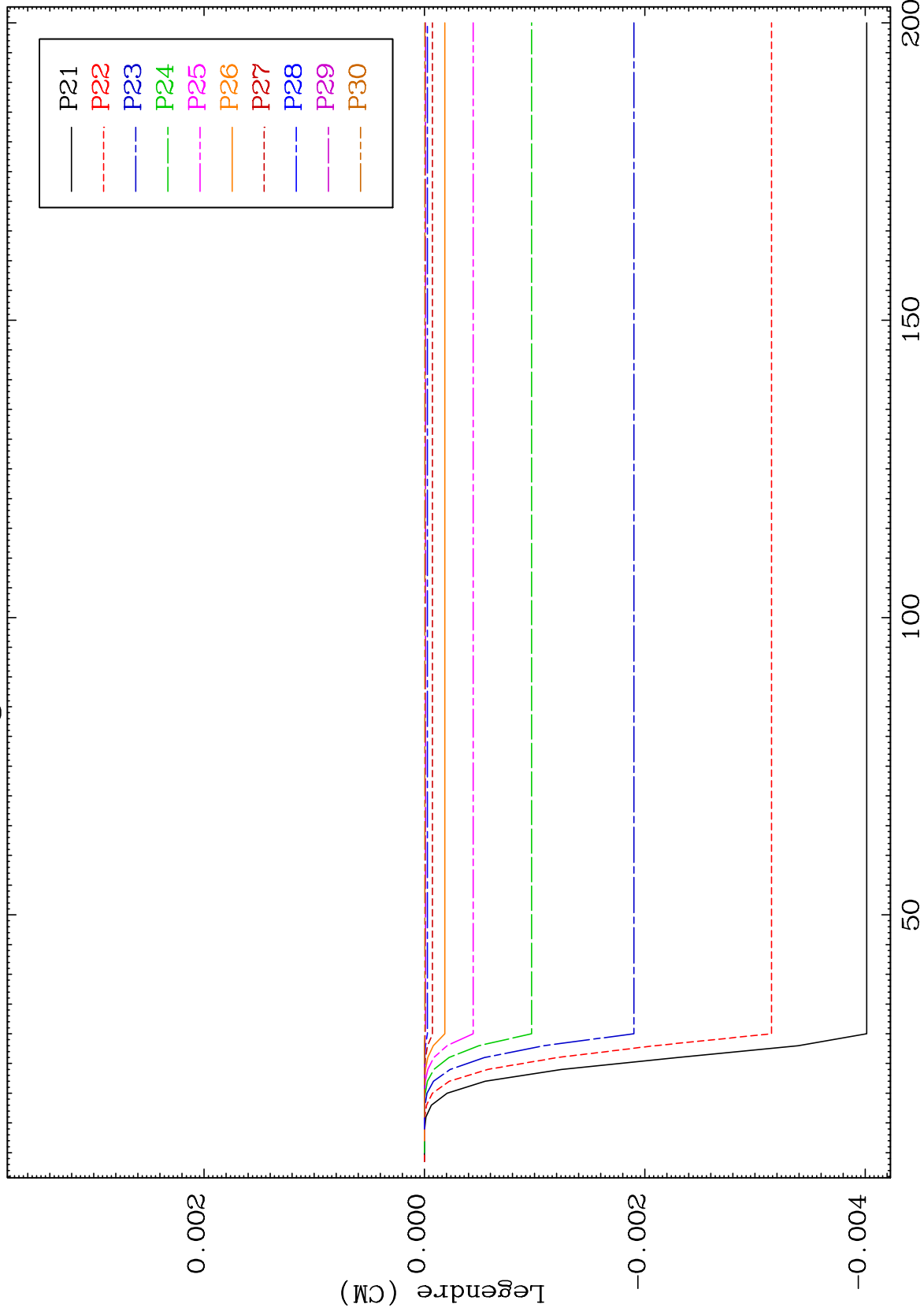
82-Pb-207



MAT 8234

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

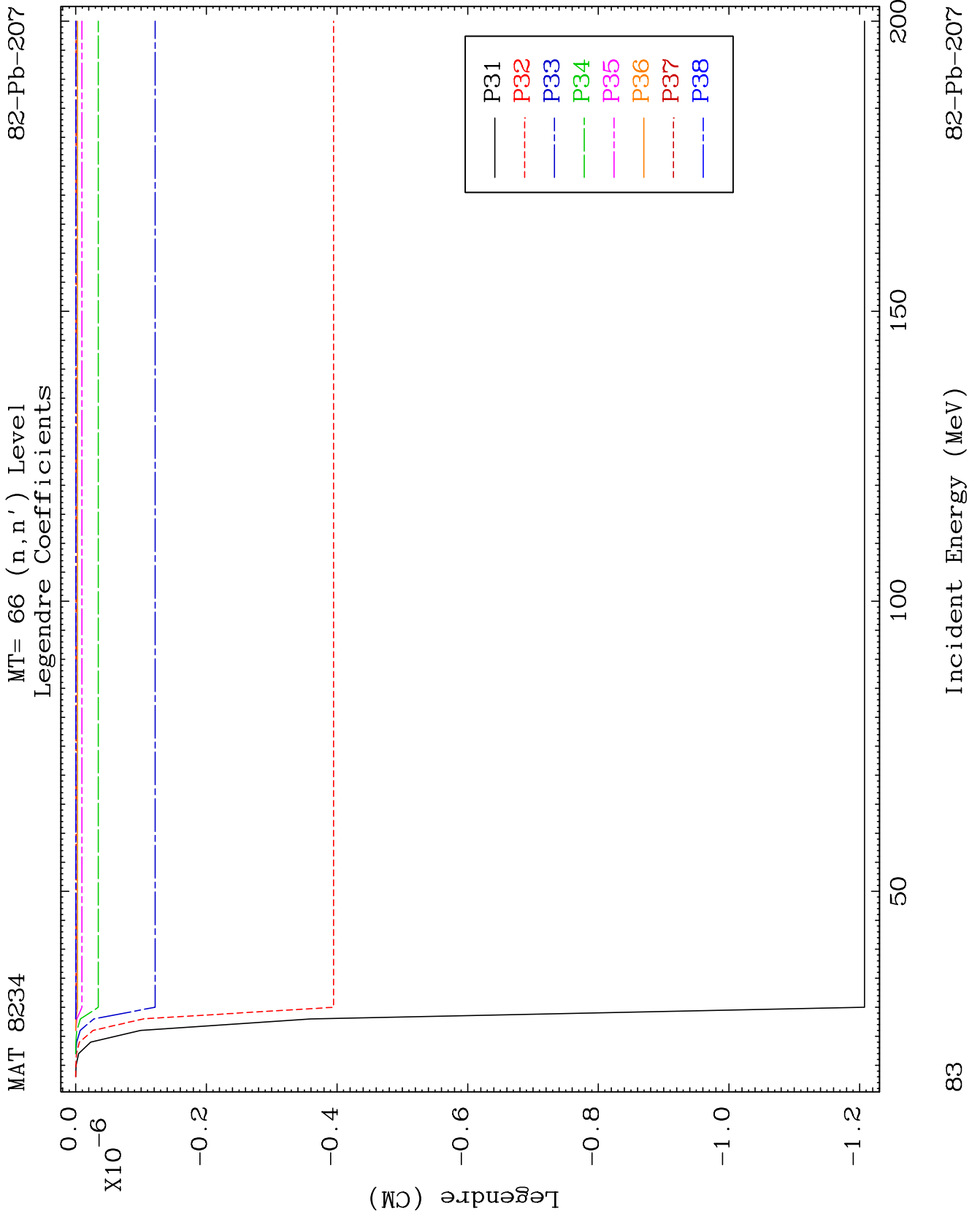
82-Pb-207



82

Incident Energy (MeV)

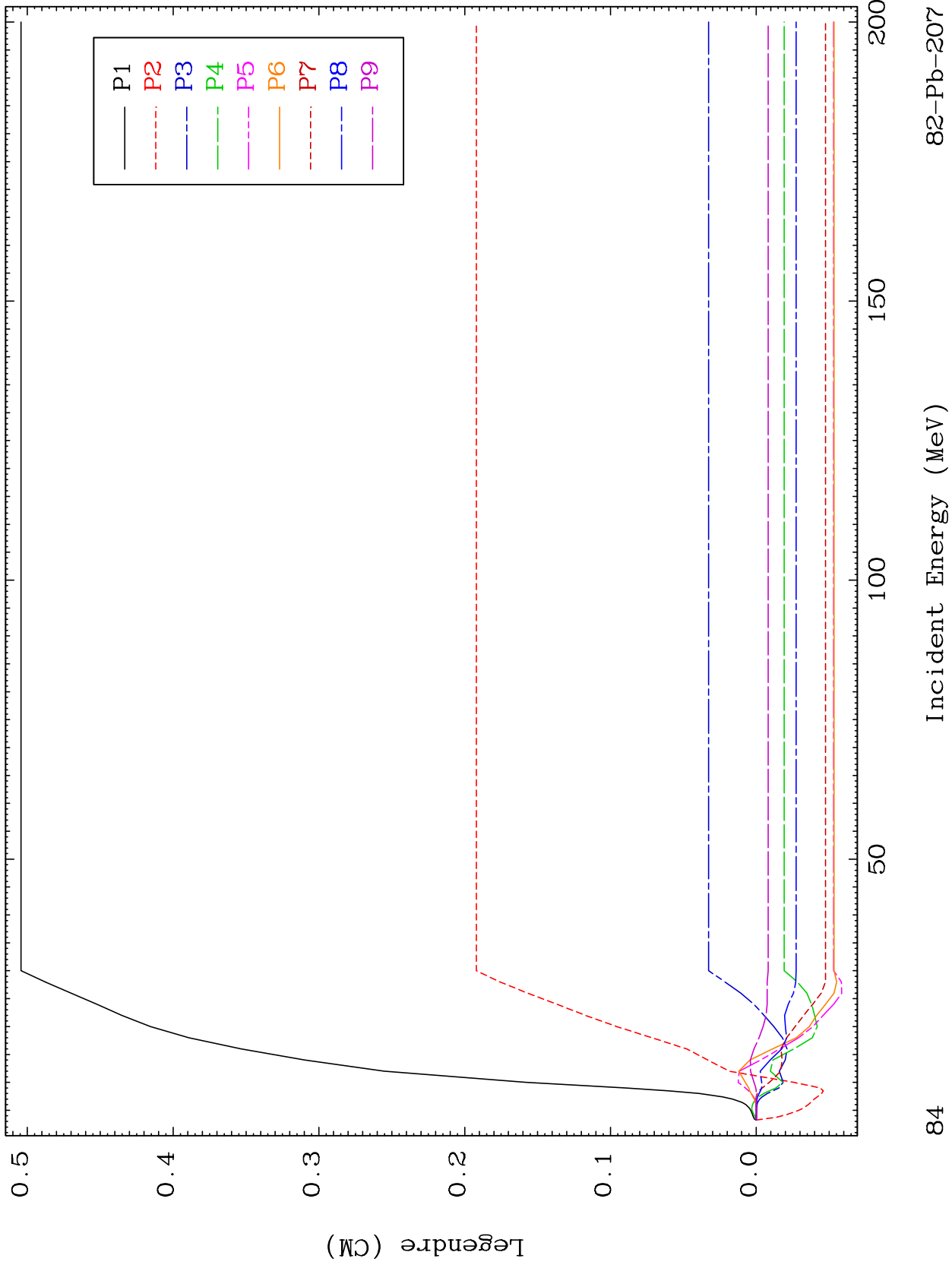
82-Pb-207



MAT 8234

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

82-Pb-207



84

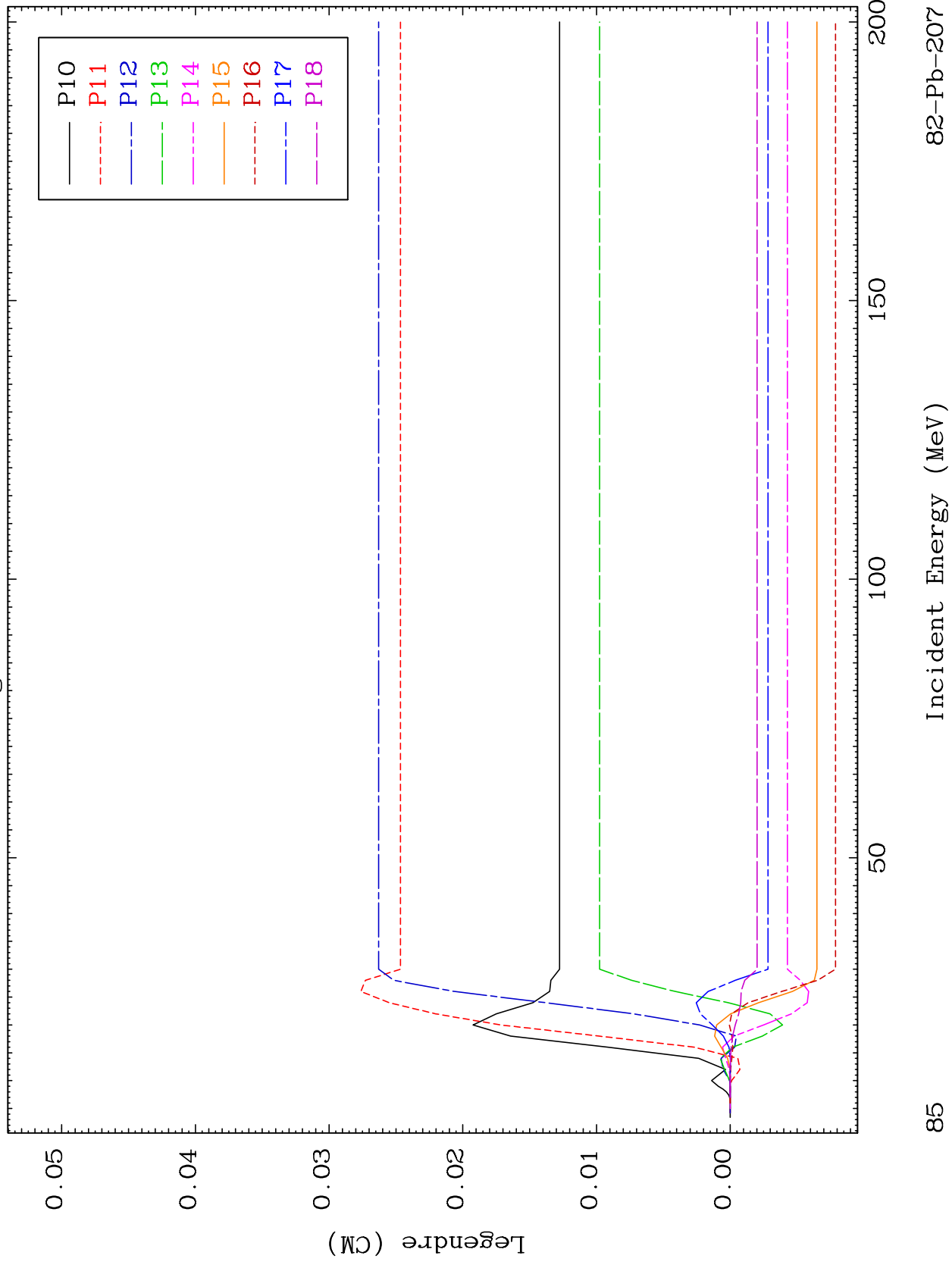
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



85

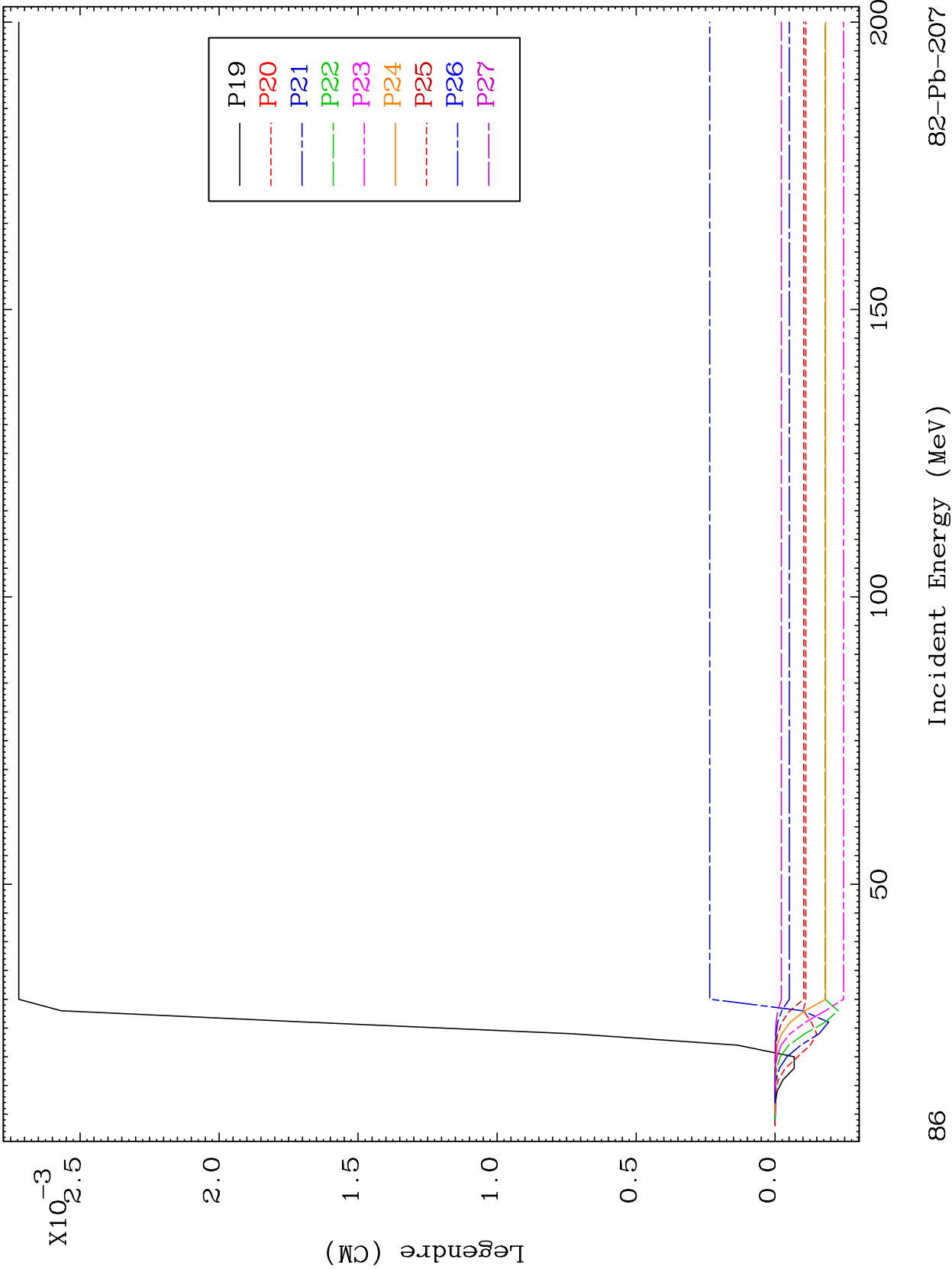
Incident Energy (MeV)

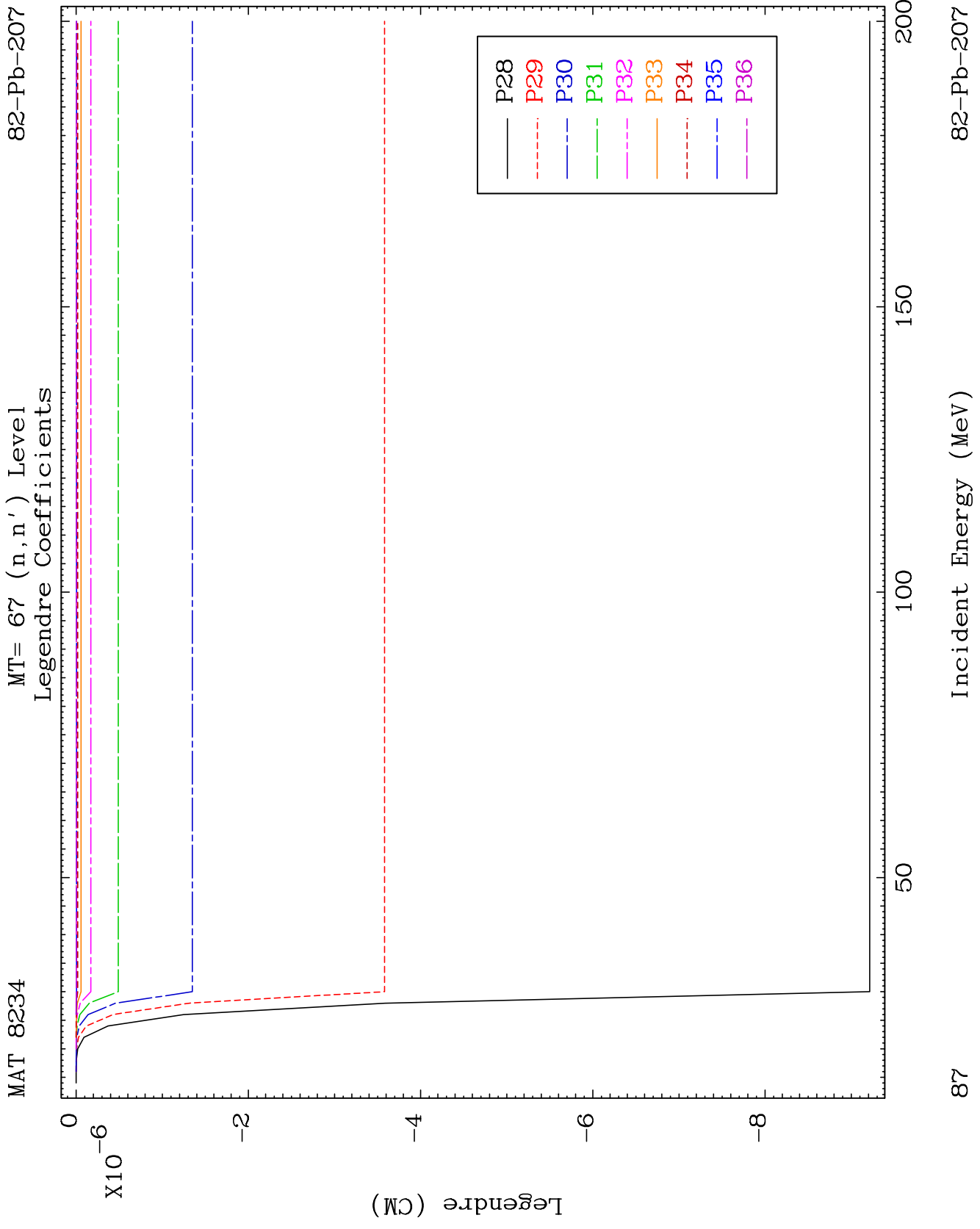
82-Pb-207

MAT 8234

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

82-Pb-207

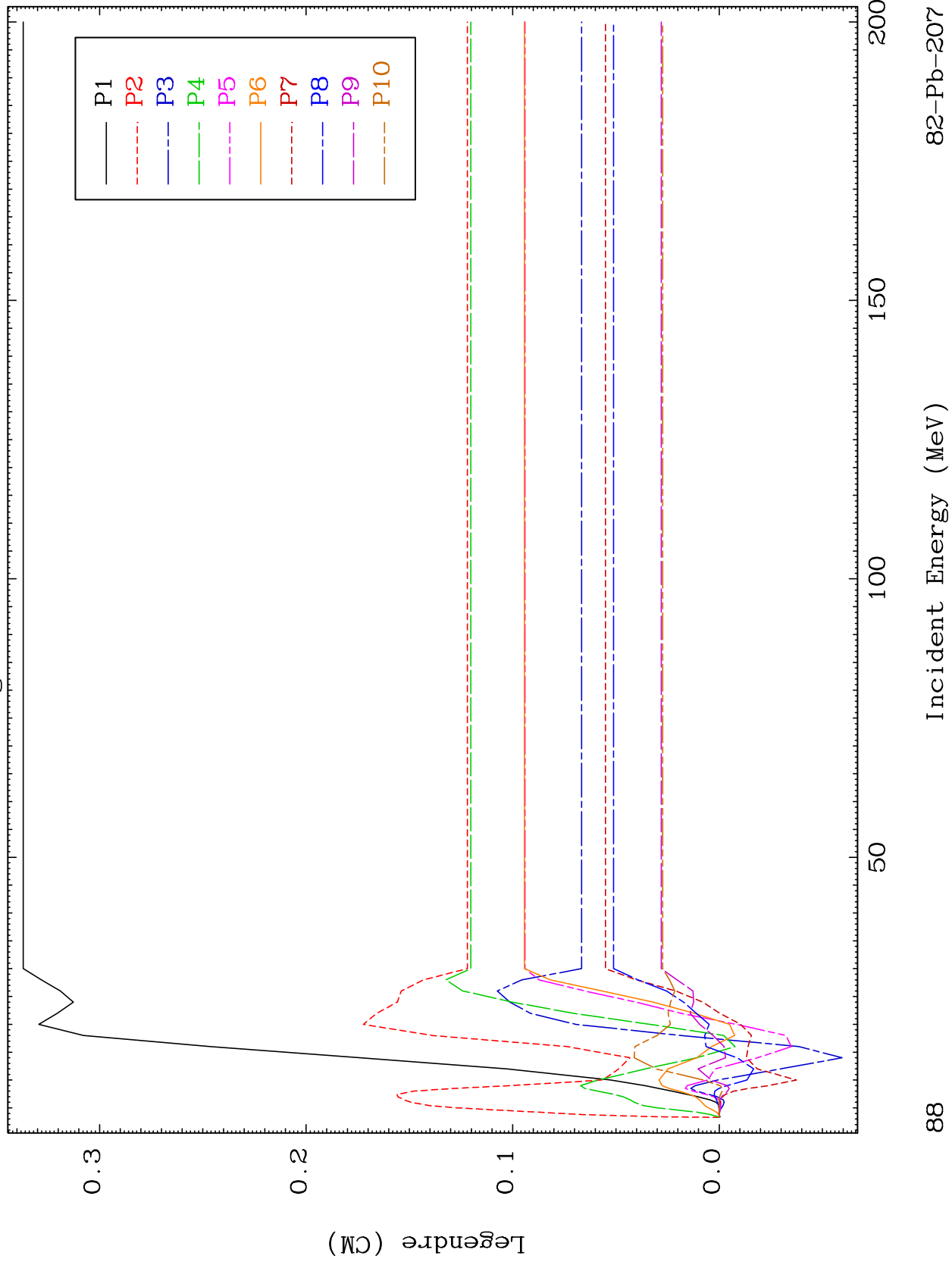




MAT 8234

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

82-Pb-207



88

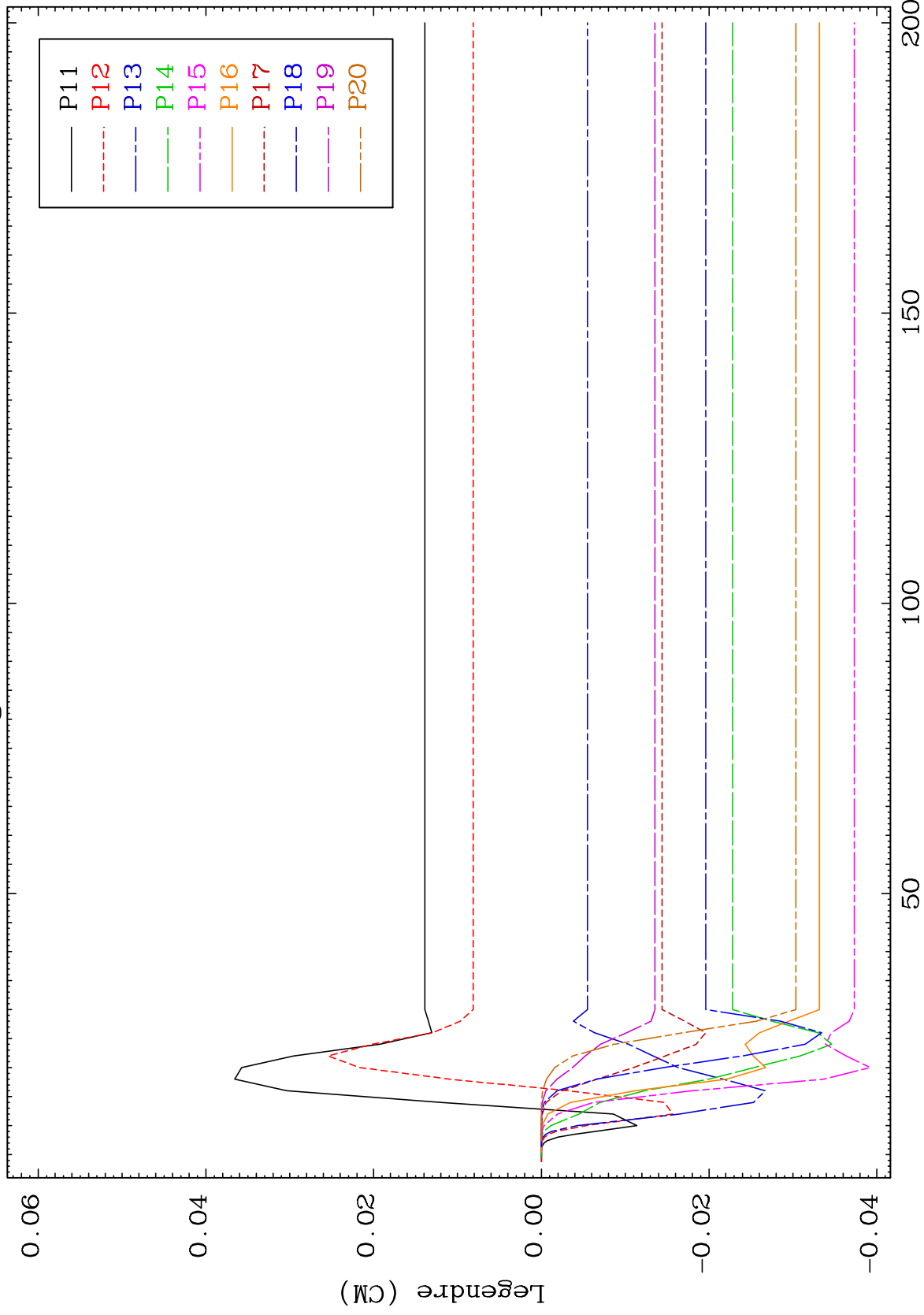
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



89

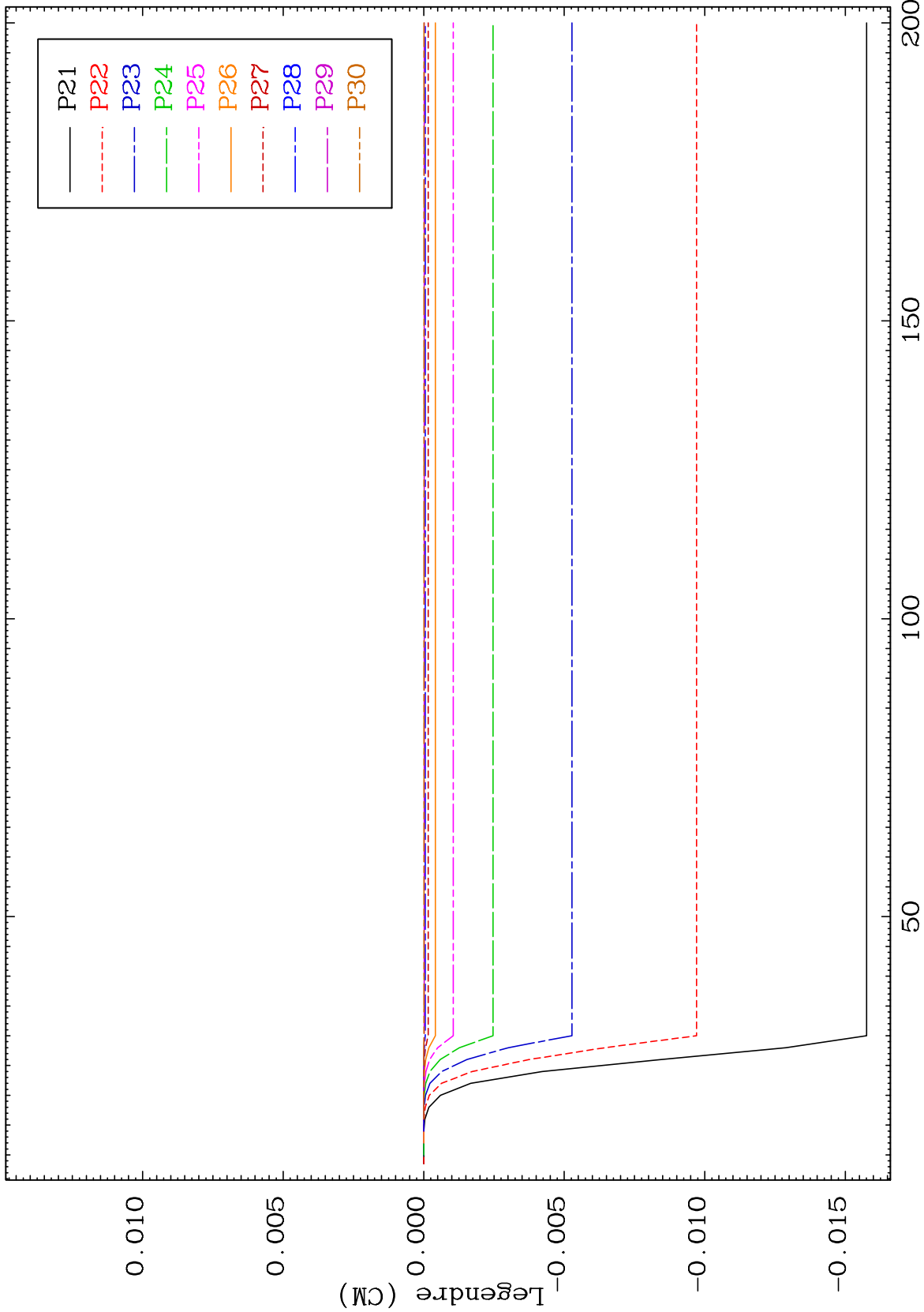
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

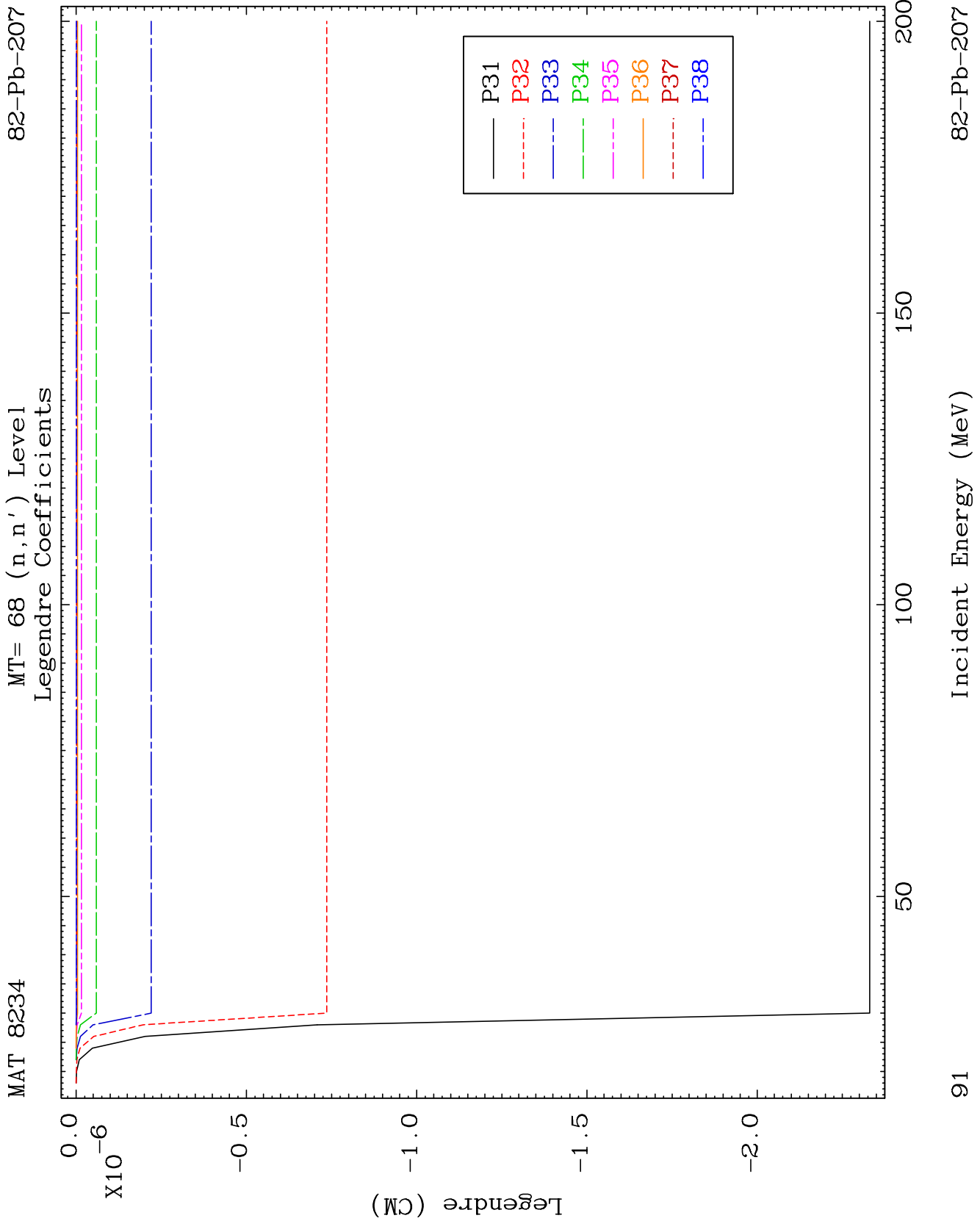
82-Pb-207



90

Incident Energy (MeV)

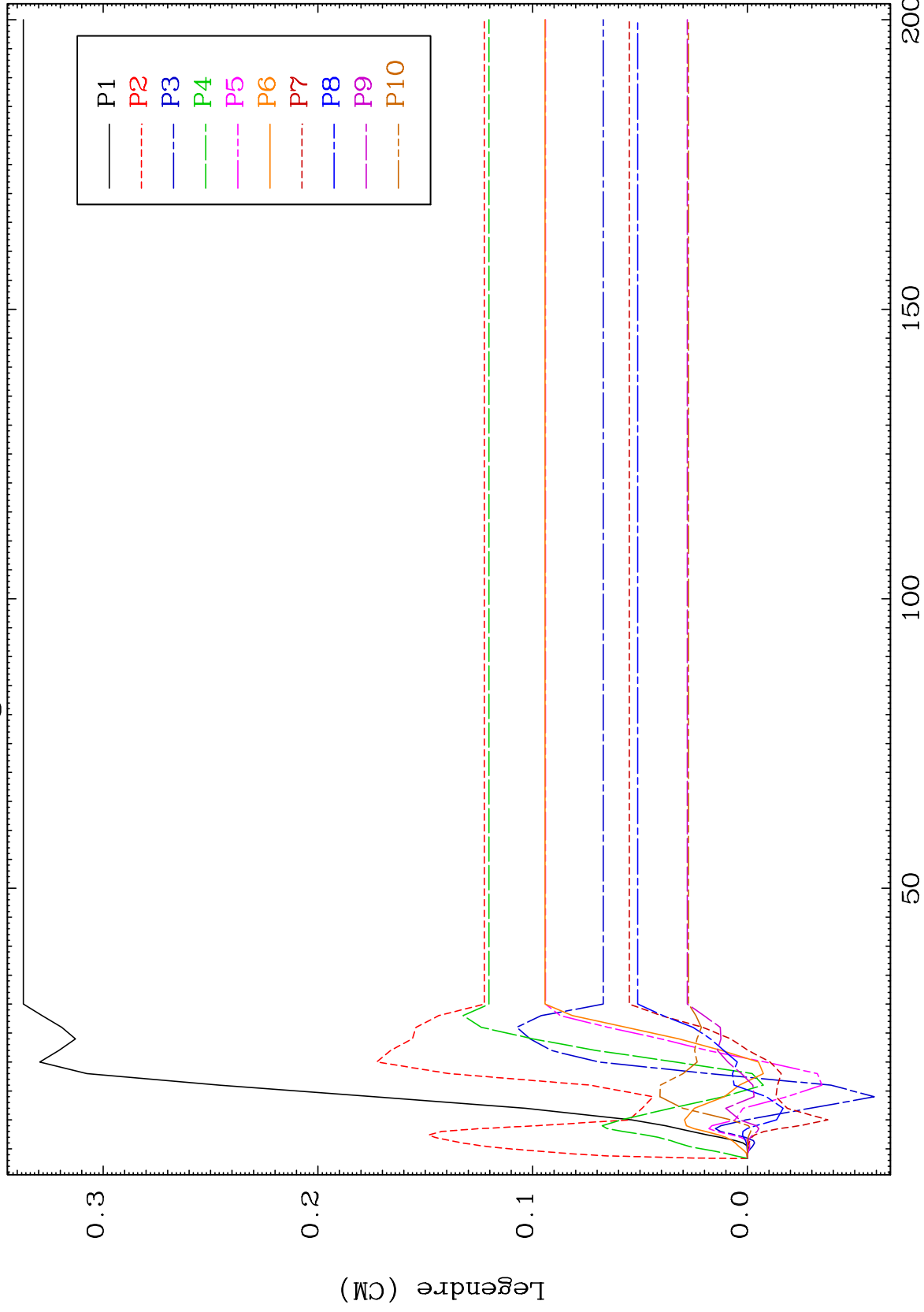
82-Pb-207



MAT 8234

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

82-Pb-207



92

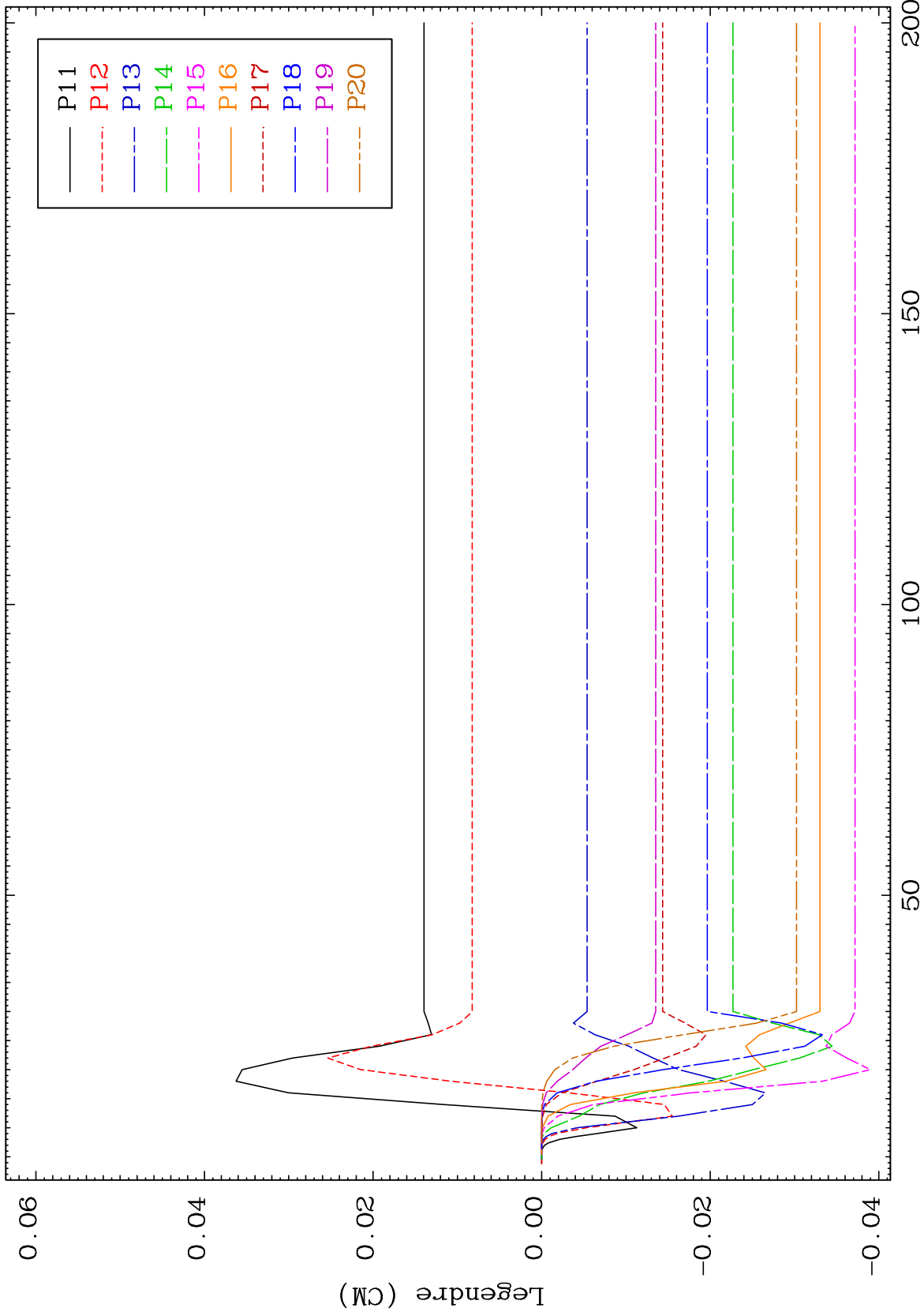
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

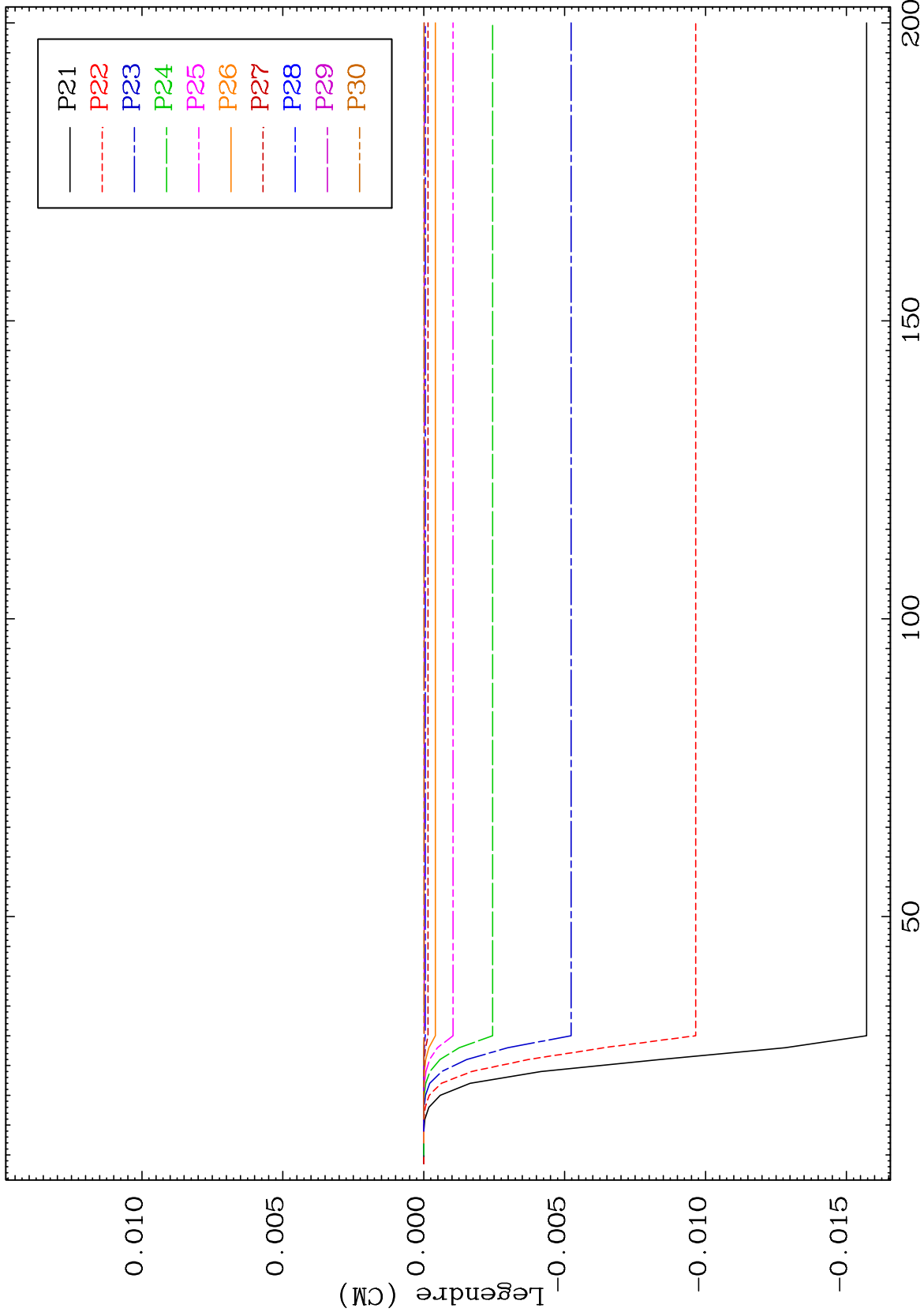
82-Pb-207

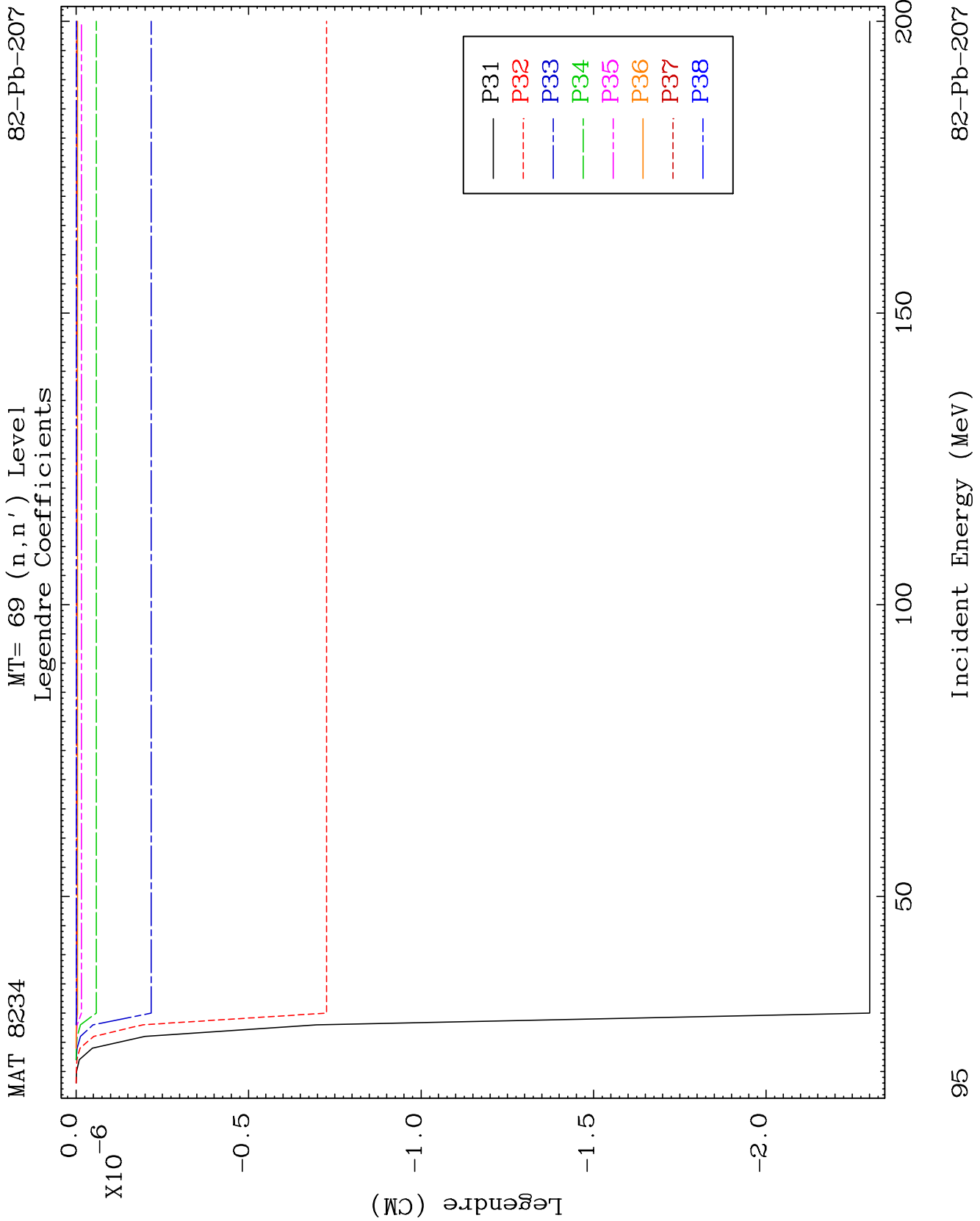


MAT 8234

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

82-Pb-207

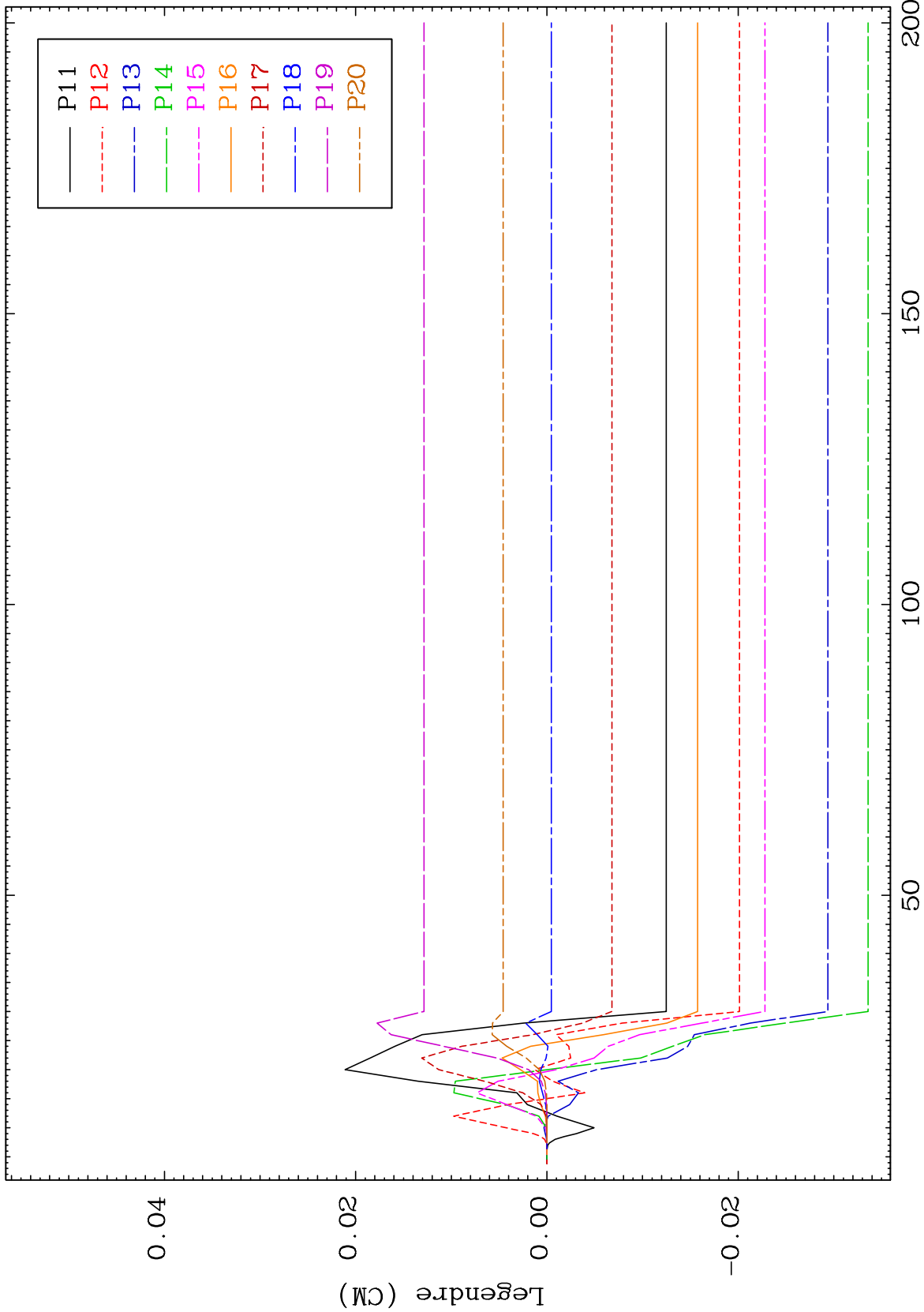




MAT 8234

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

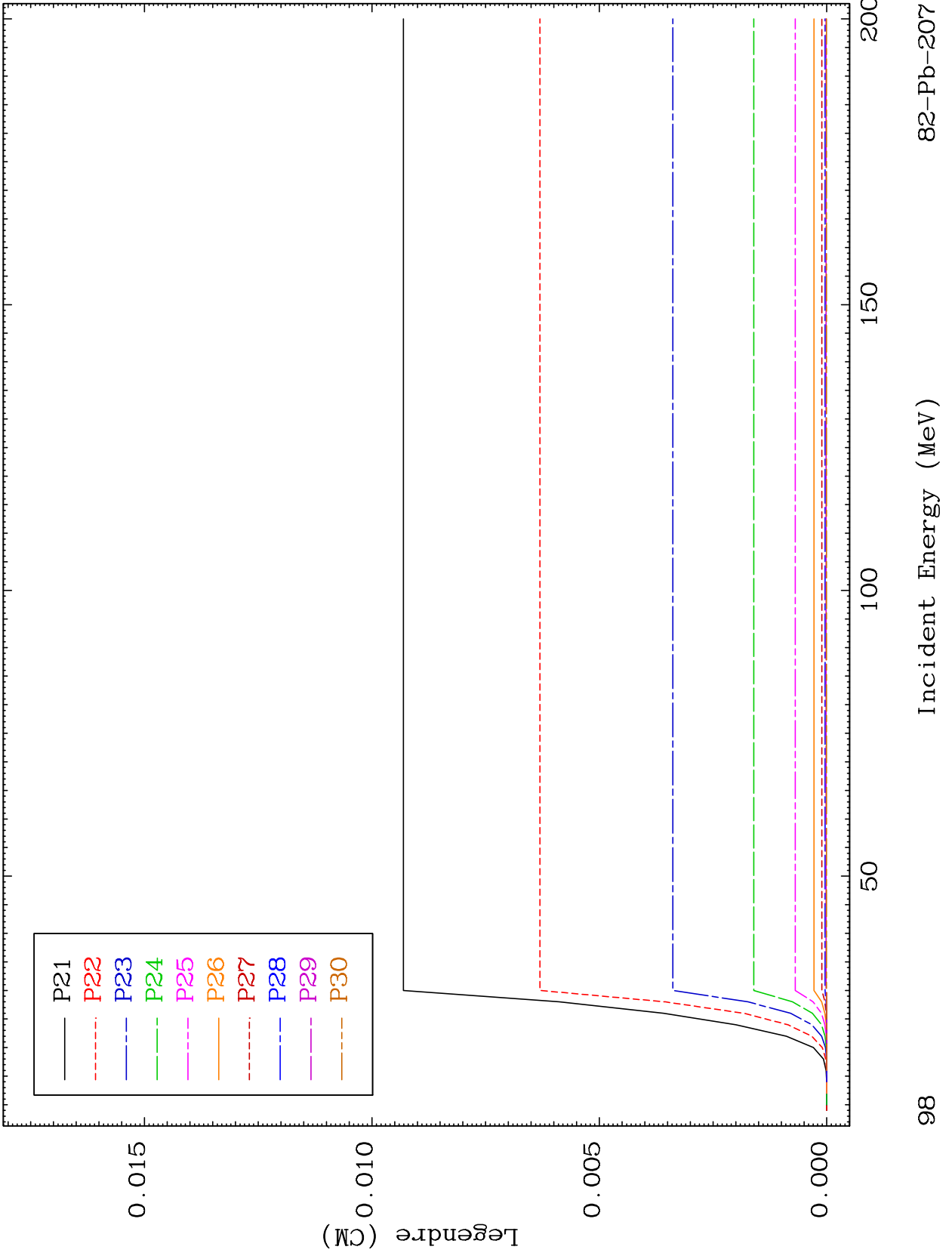
82-Pb-207



MAT 8234

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

82-Pb-207



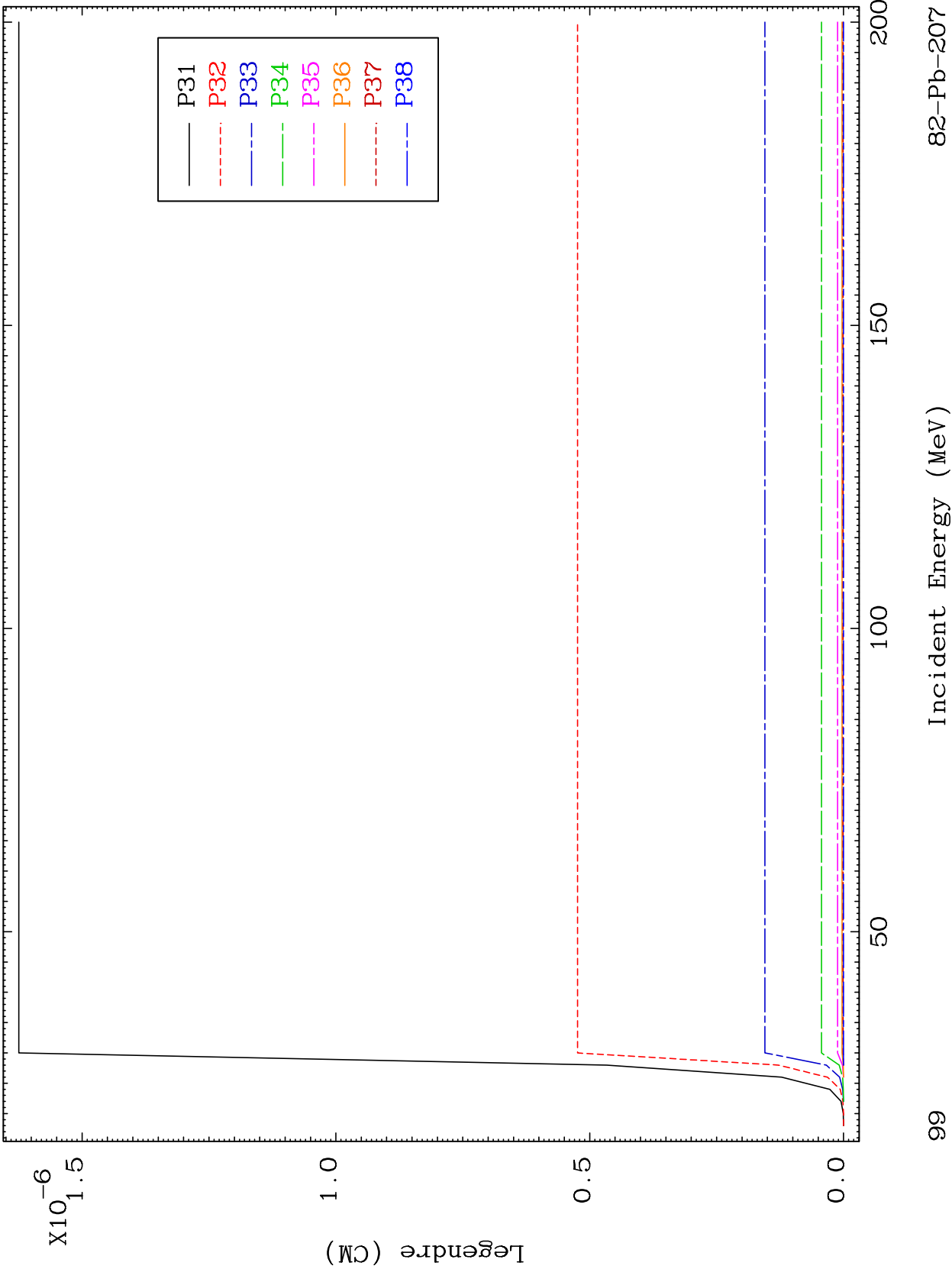
98

82-Pb-207

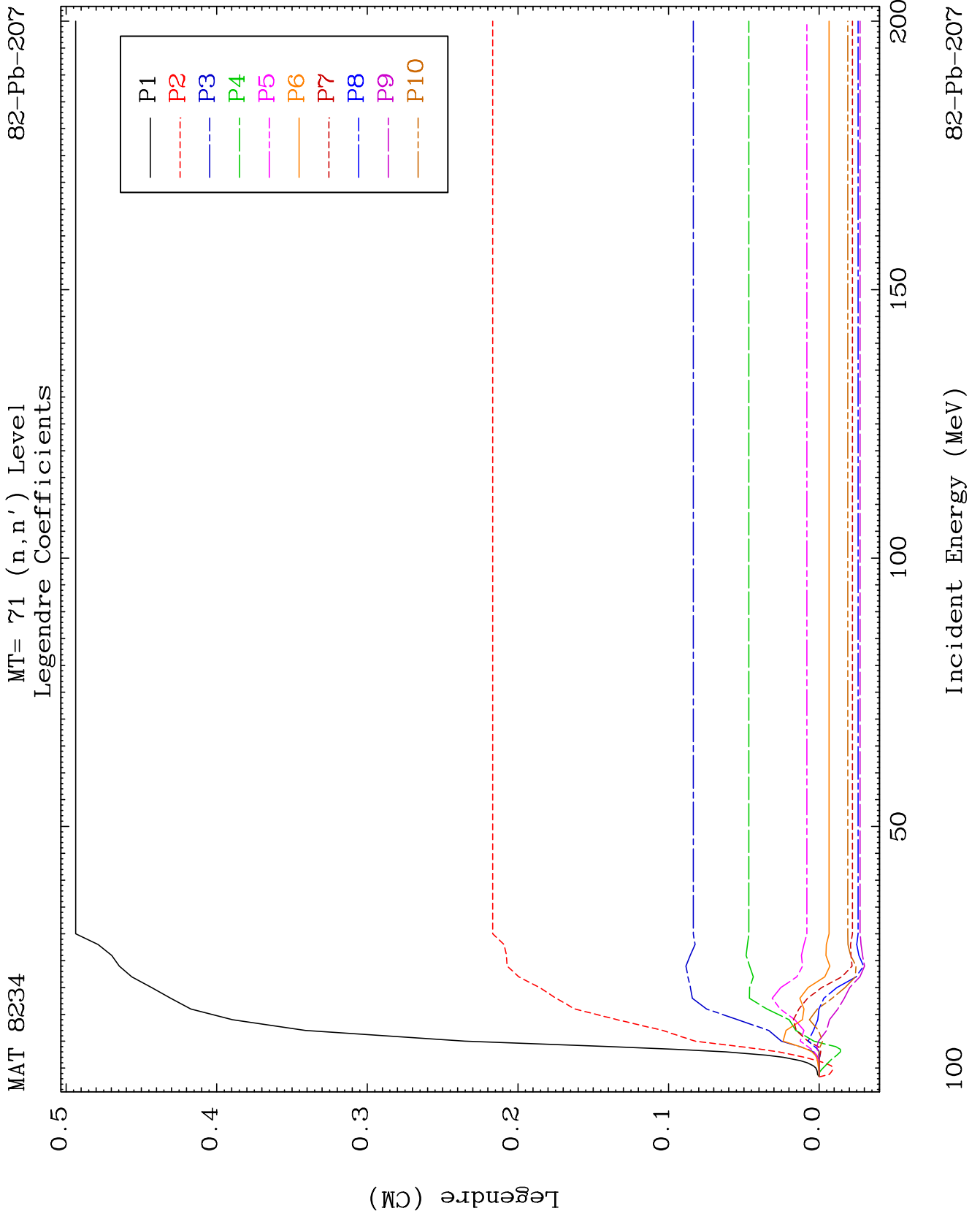
MAT 8234

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

82-Pb-207



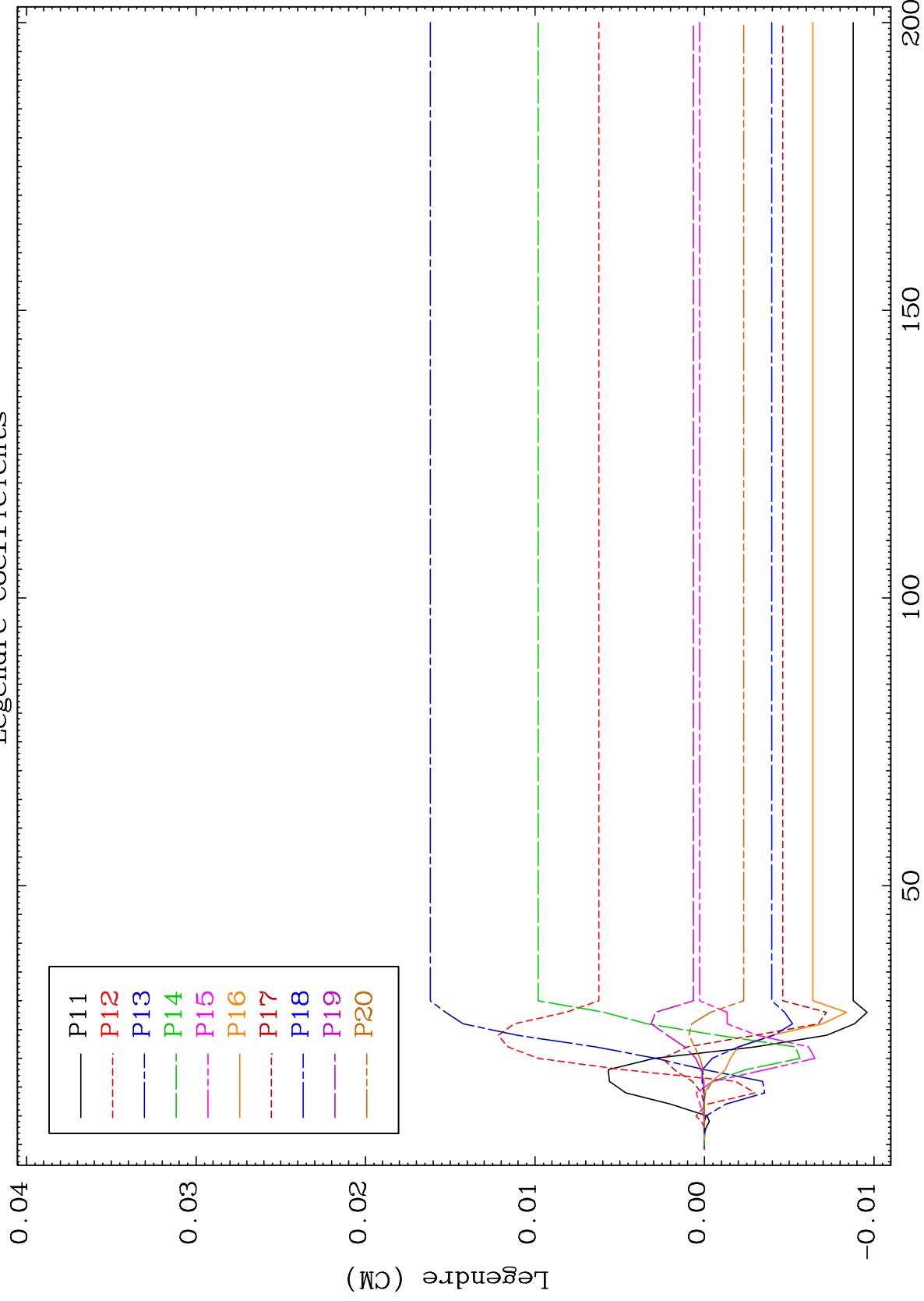
99



MAT 8234

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

82-Pb-207



101

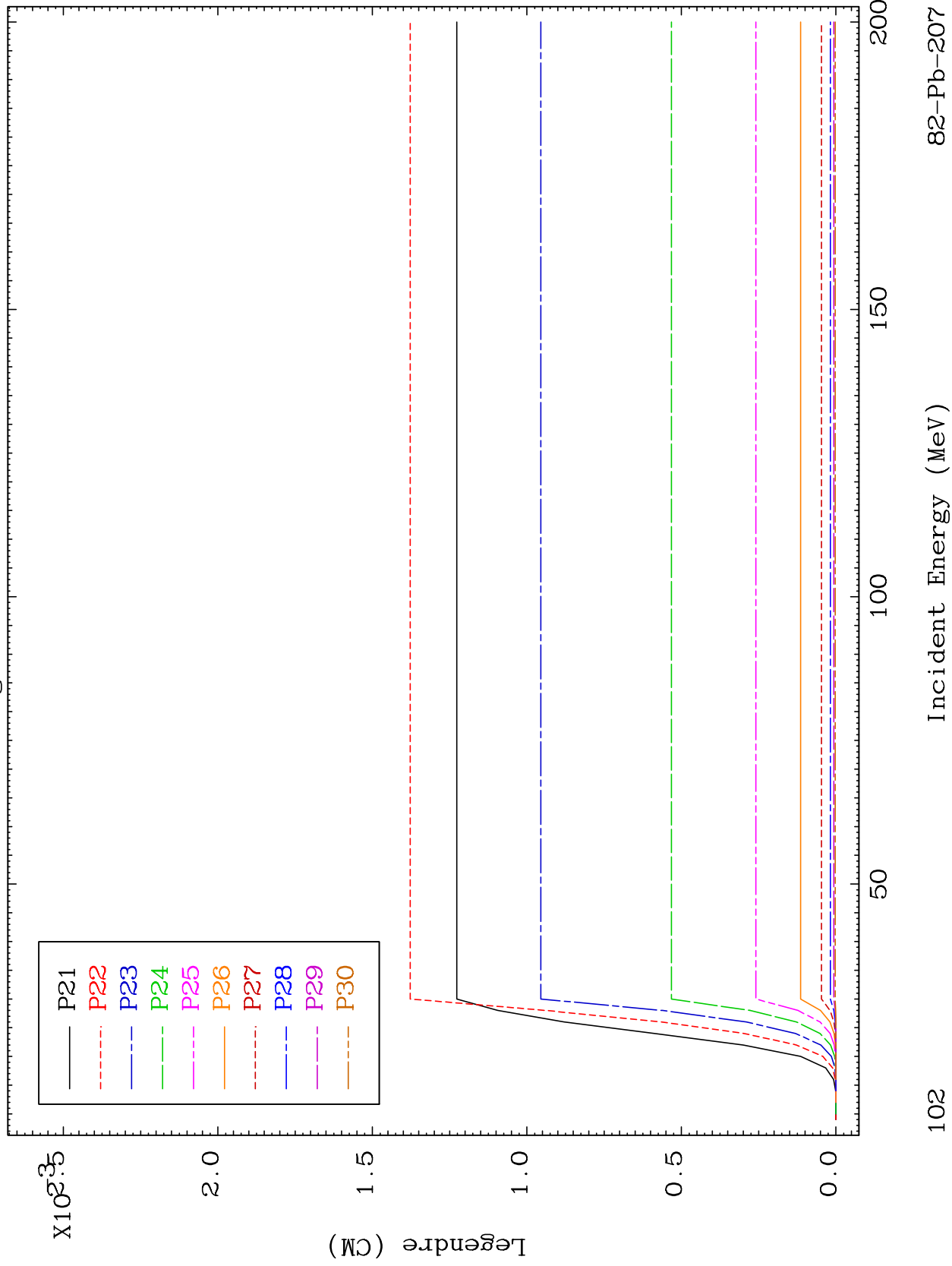
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

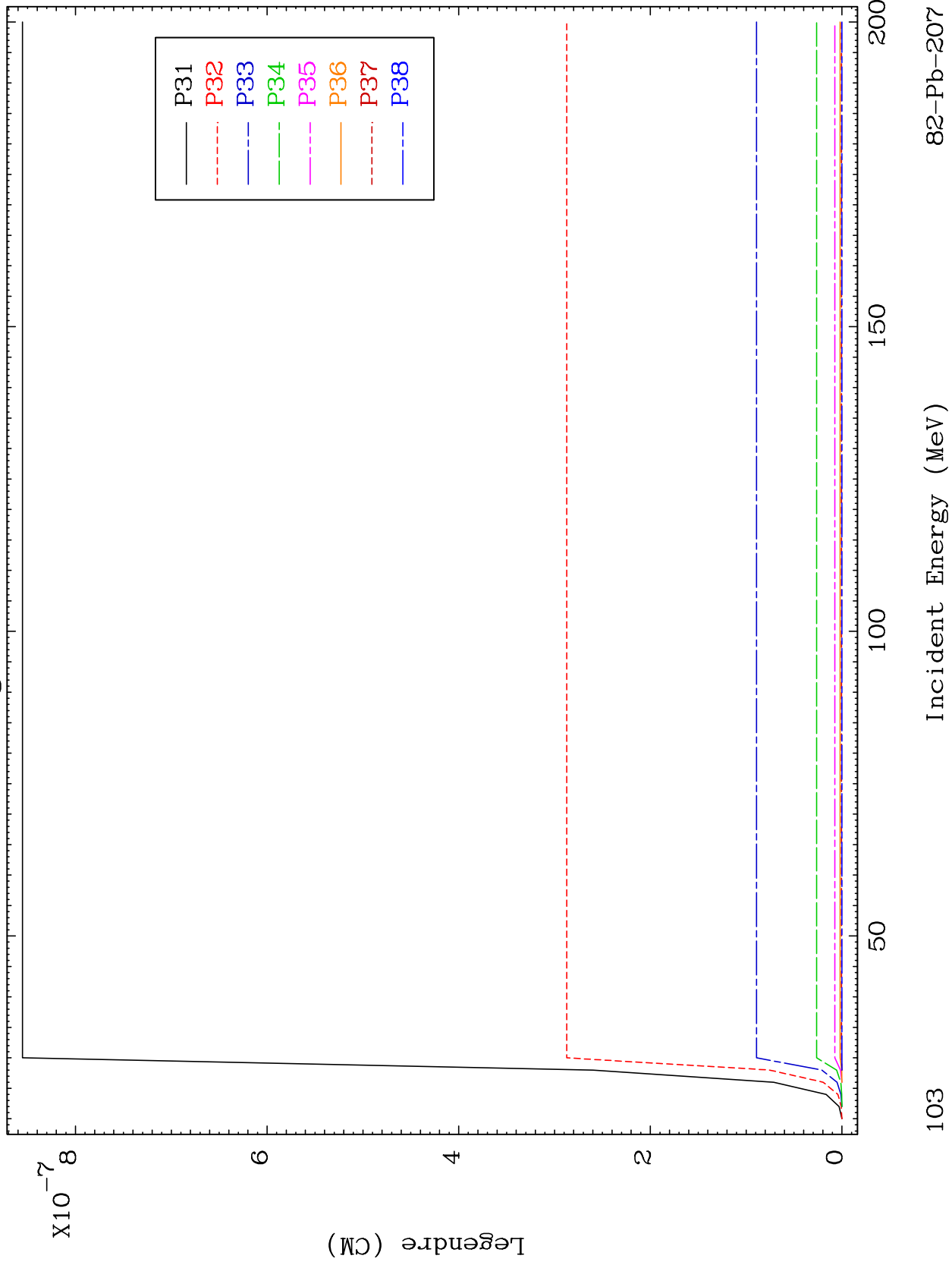
82-Pb-207



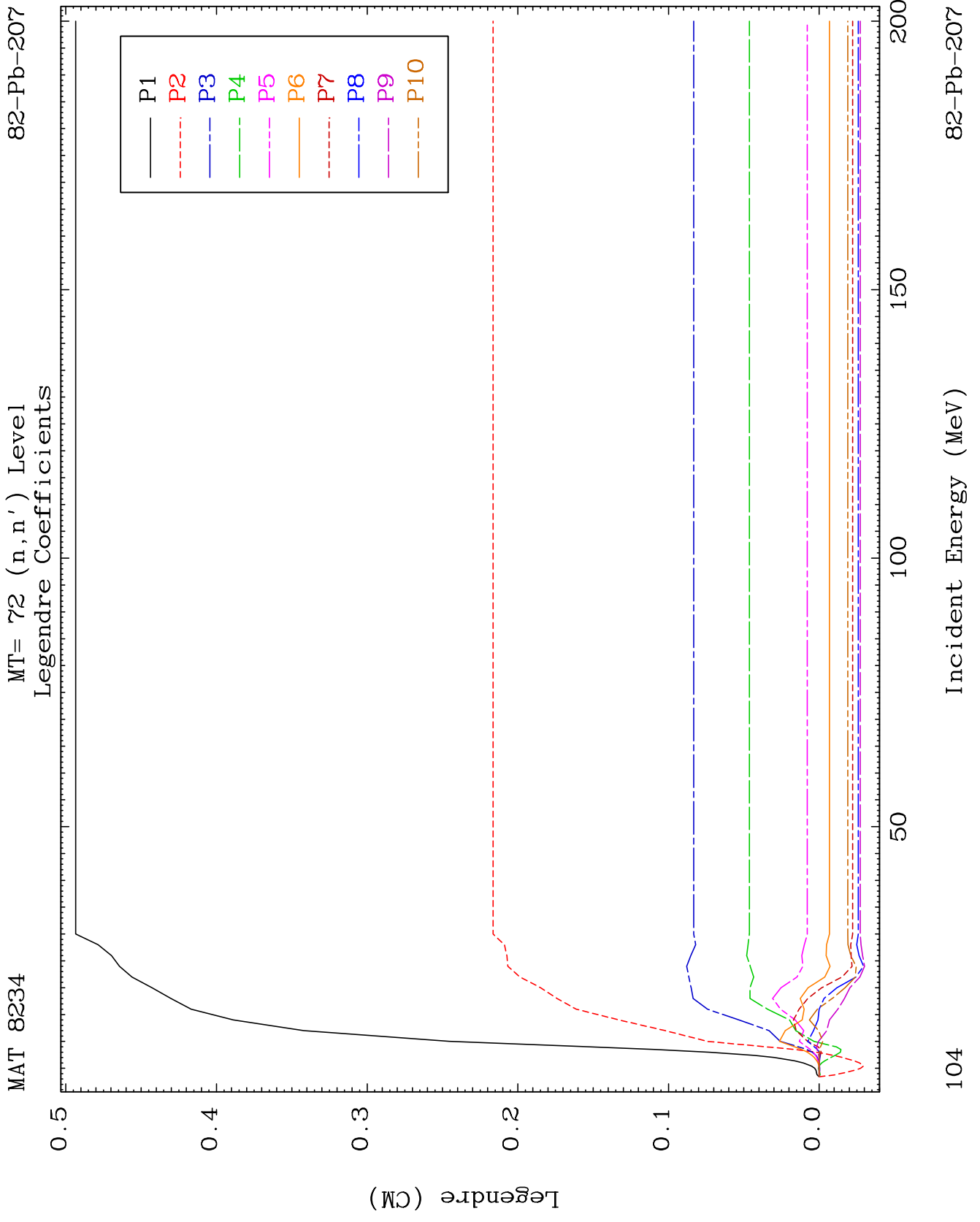
MAT 8234

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

82-Pb-207



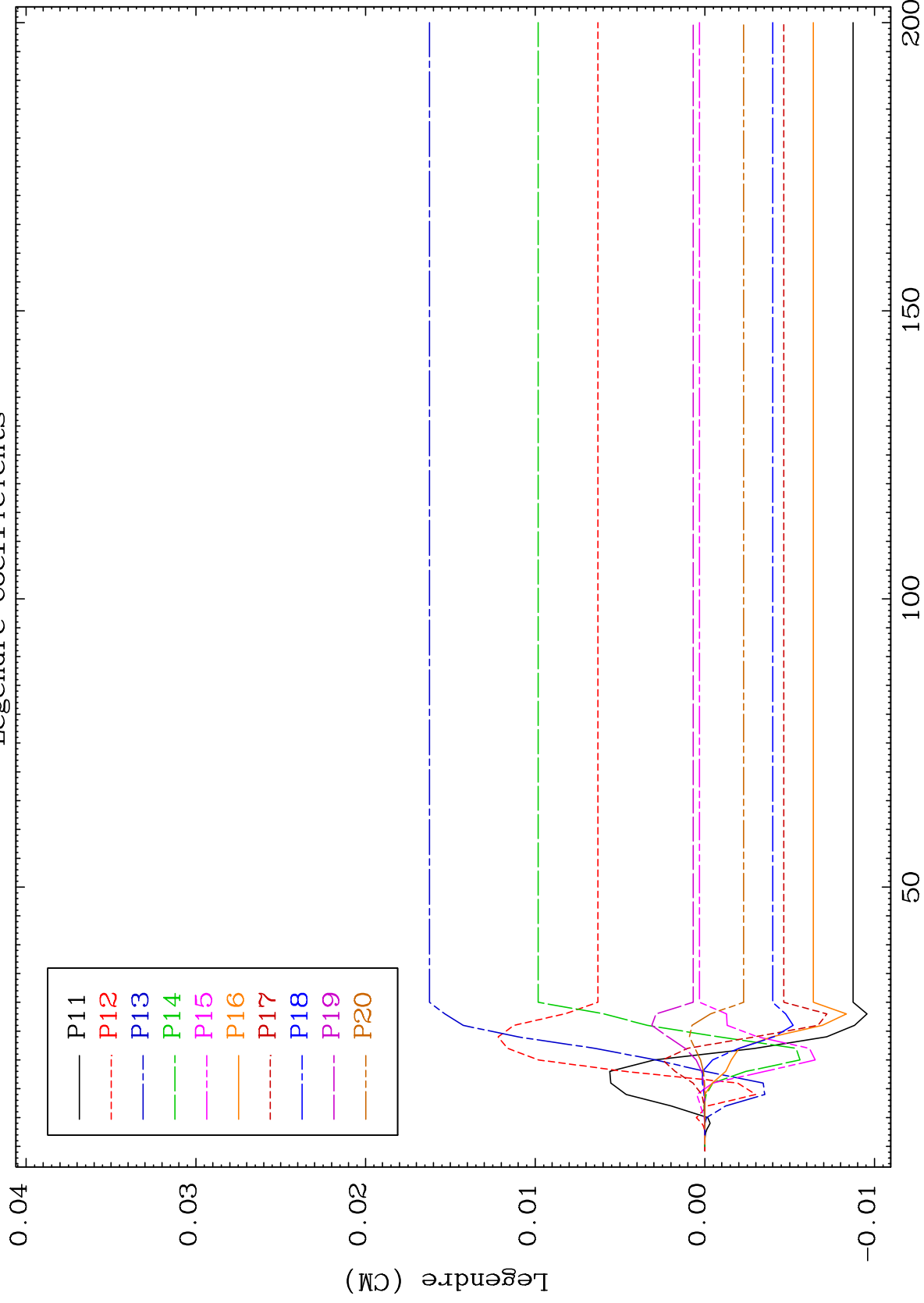
103



MAT 8234

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

82-Pb-207



105

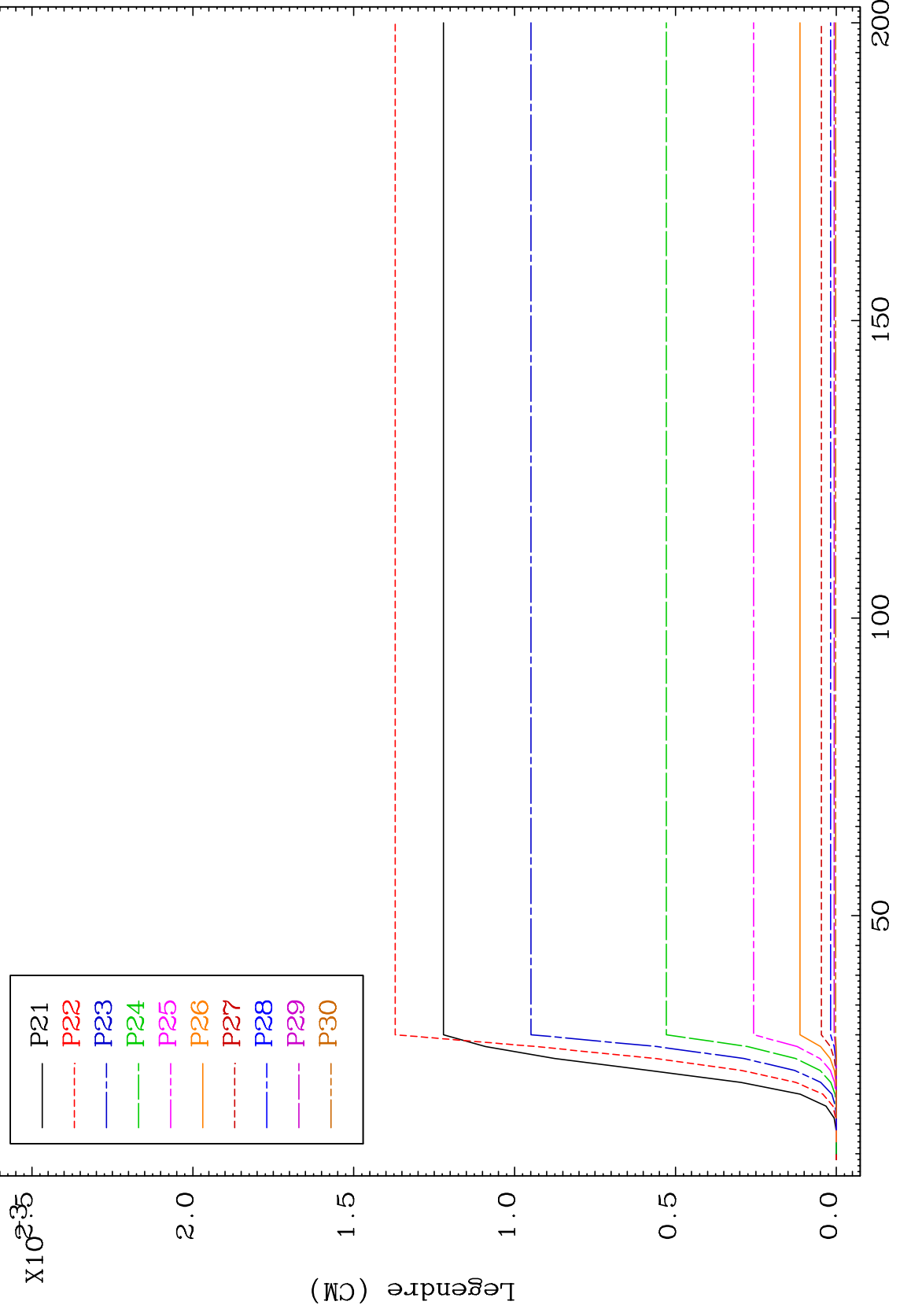
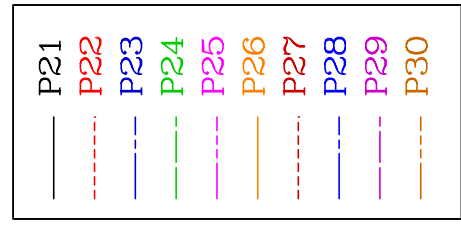
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



106

Incident Energy (MeV)

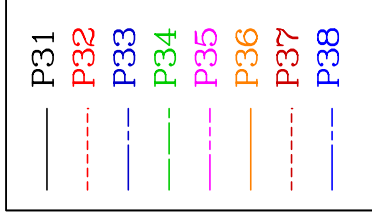
82-Pb-207

MAT 8234

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

82-Pb-207

$\times 10^{-7}$



Legendre (CM)

200

150

100

50

107

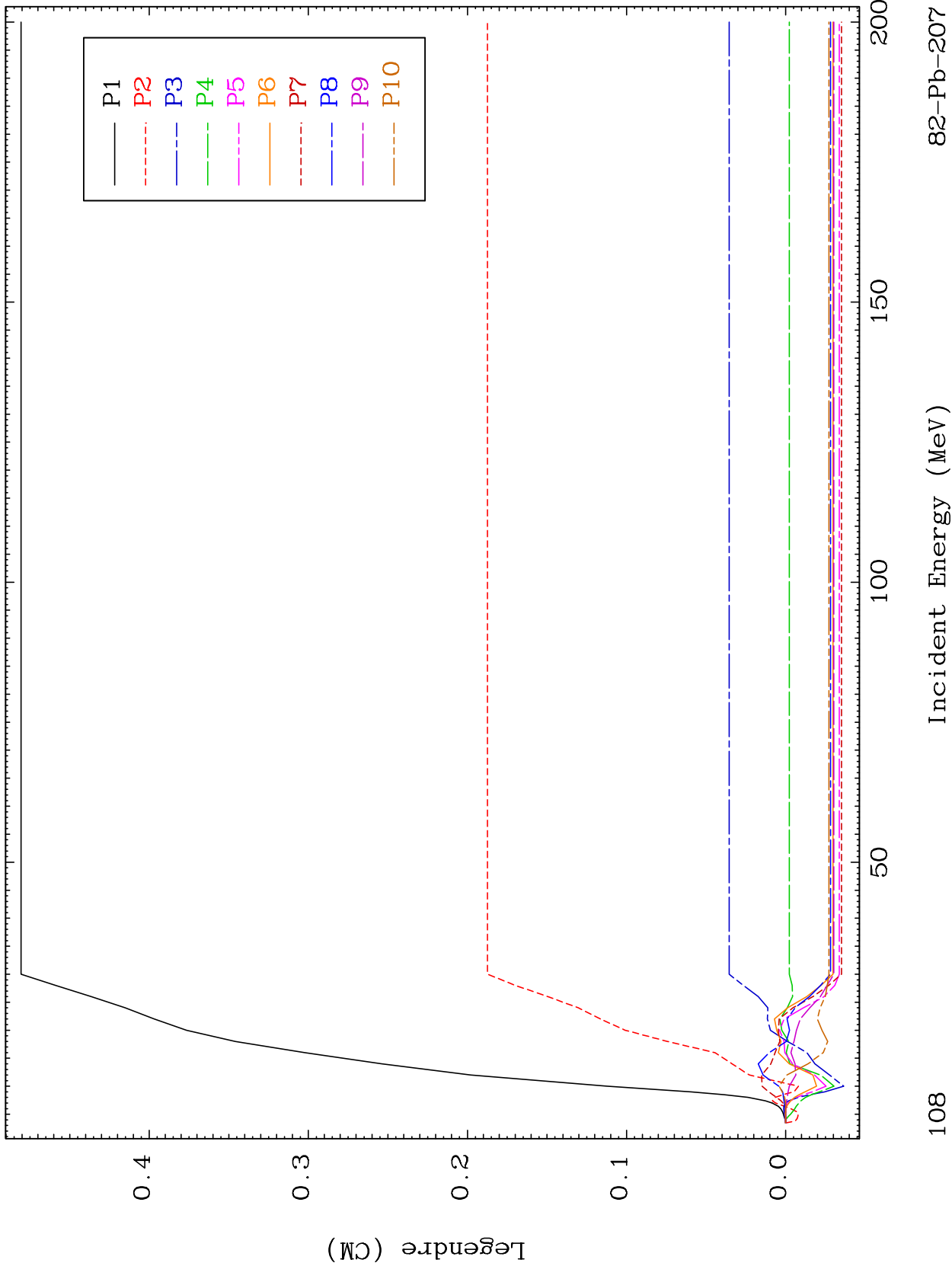
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



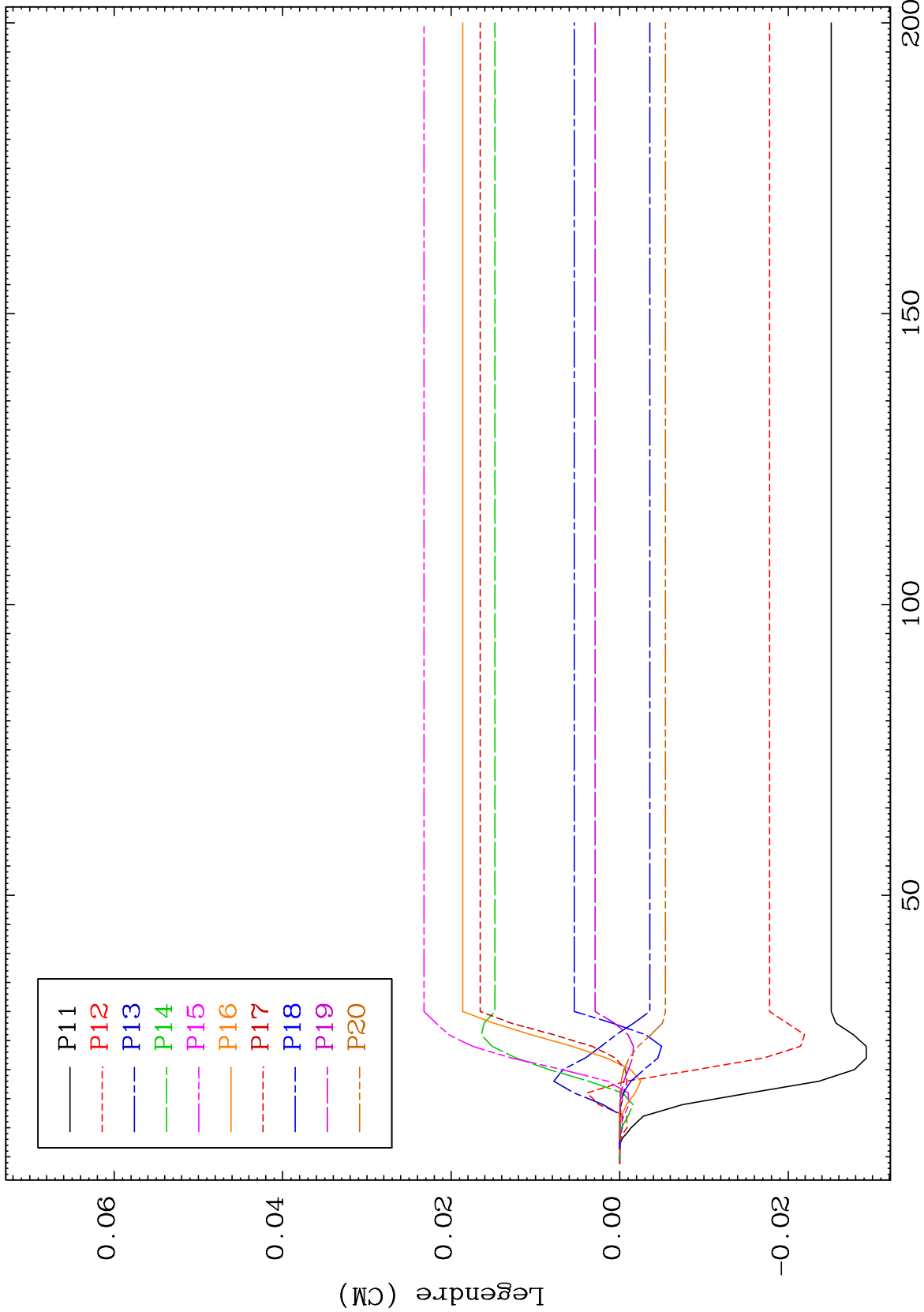
108

82-Pb-207

MAT 8234

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

82-Pb-207



109

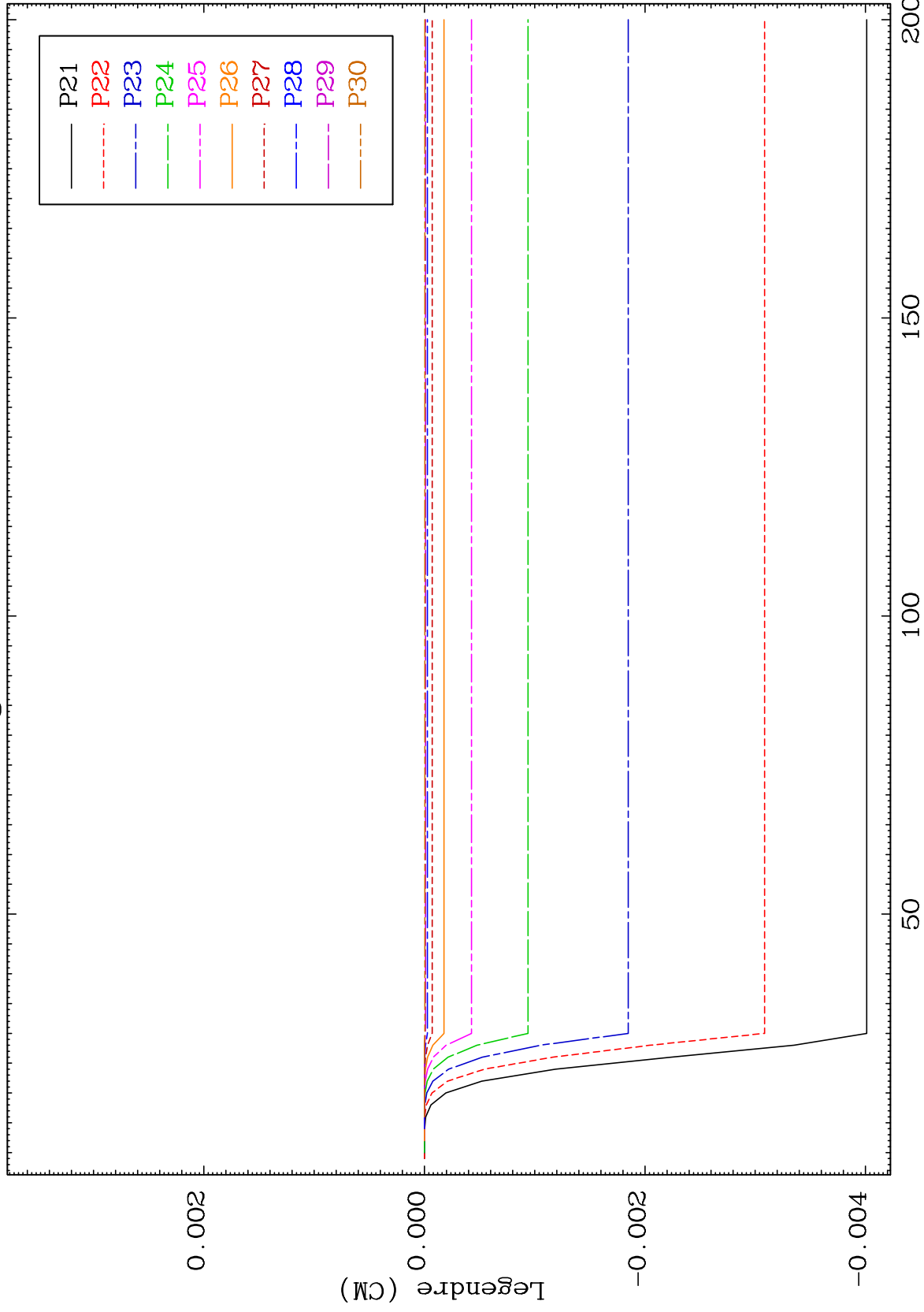
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

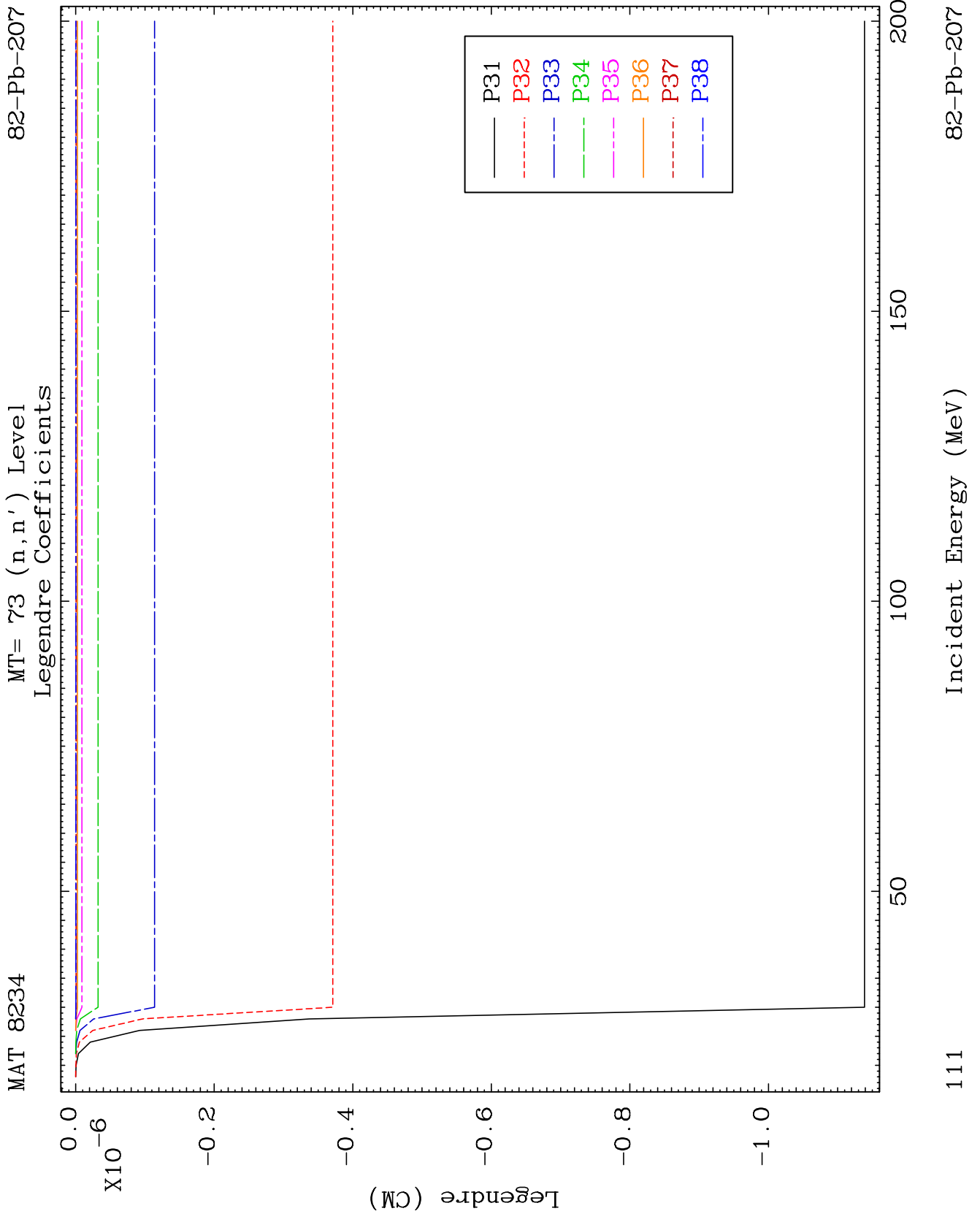
82-Pb-207



110

Incident Energy (MeV)

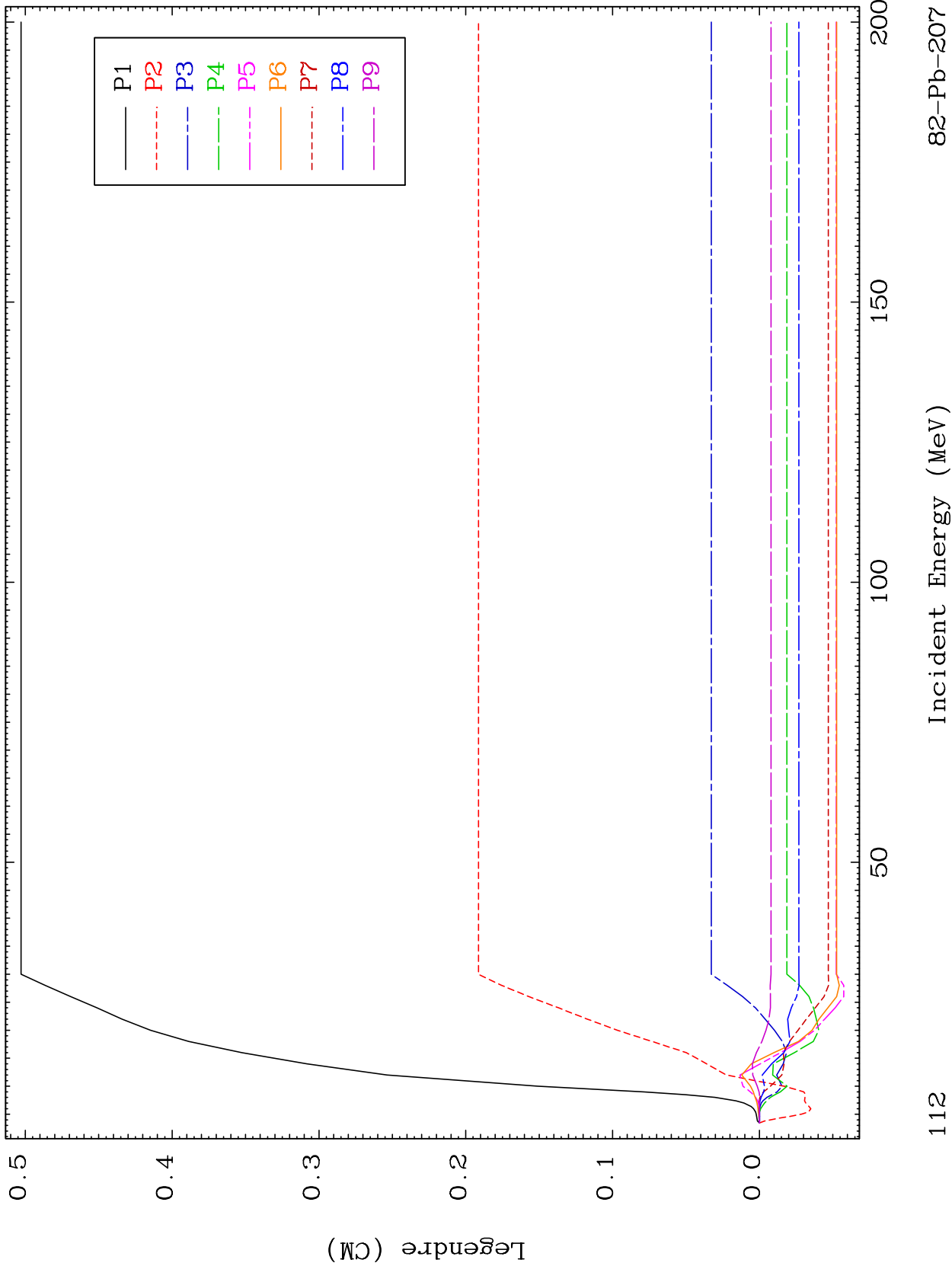
82-Pb-207



MAT 8234

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

82-Pb-207



112

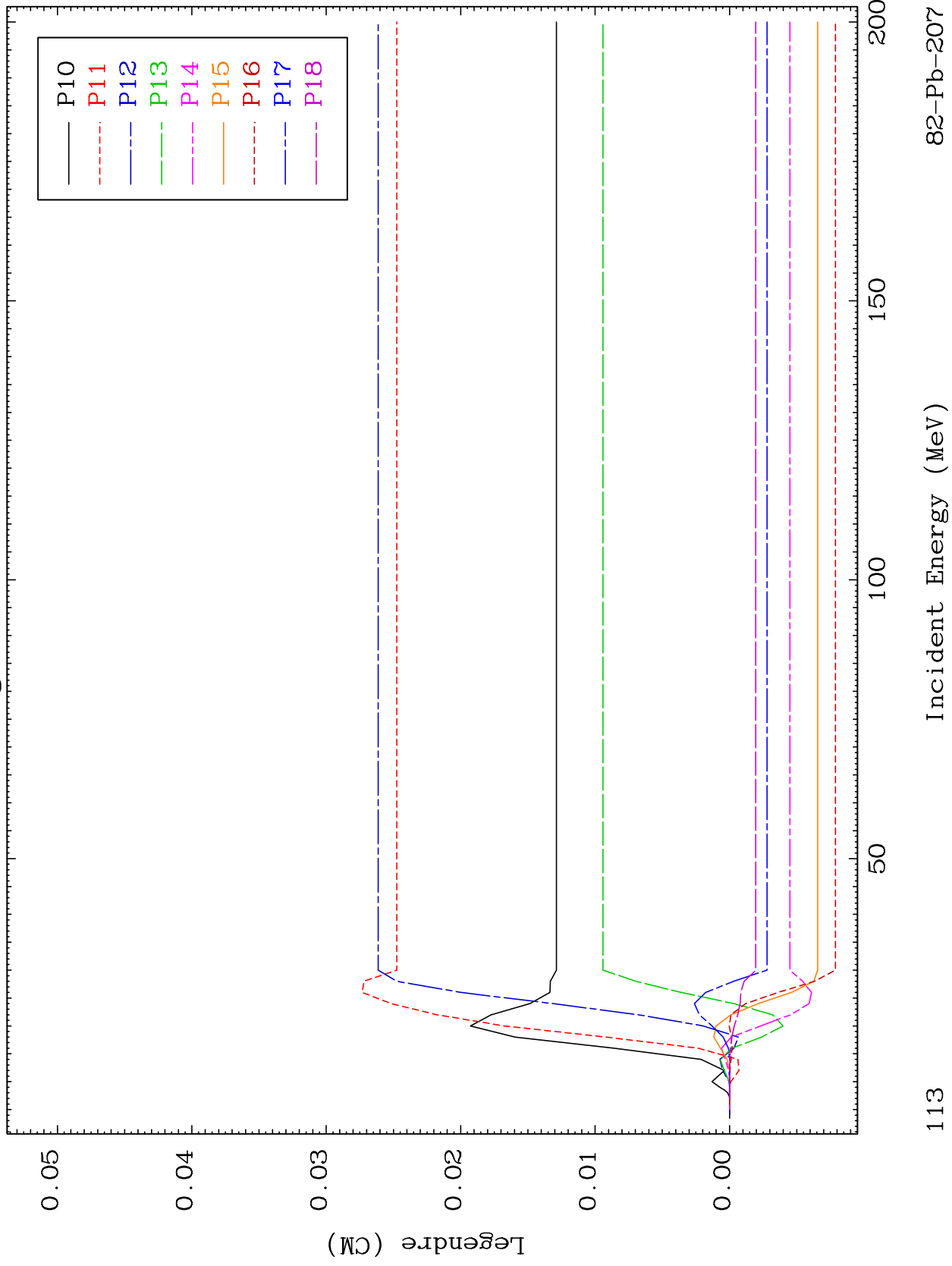
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



113

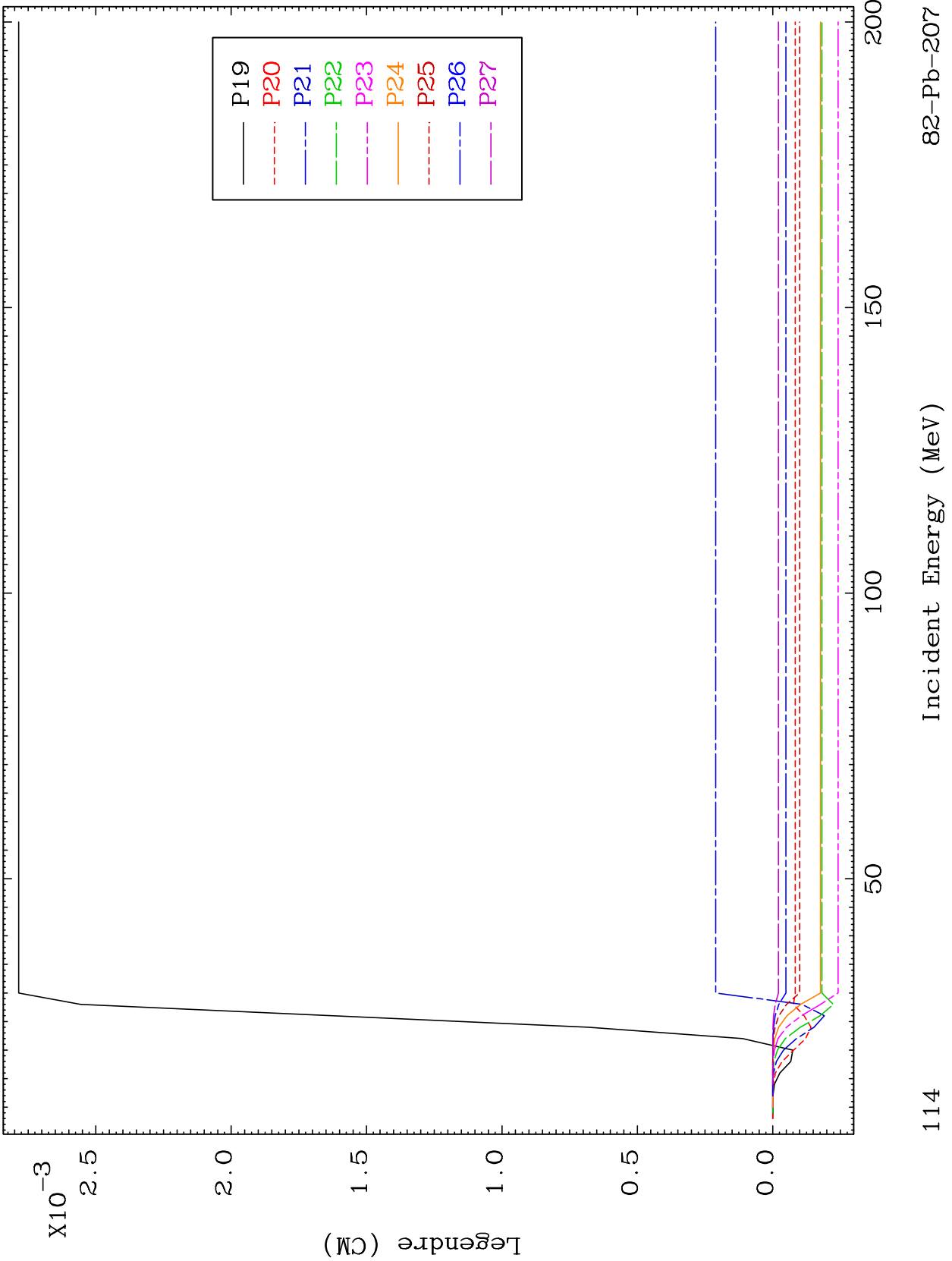
Incident Energy (MeV)

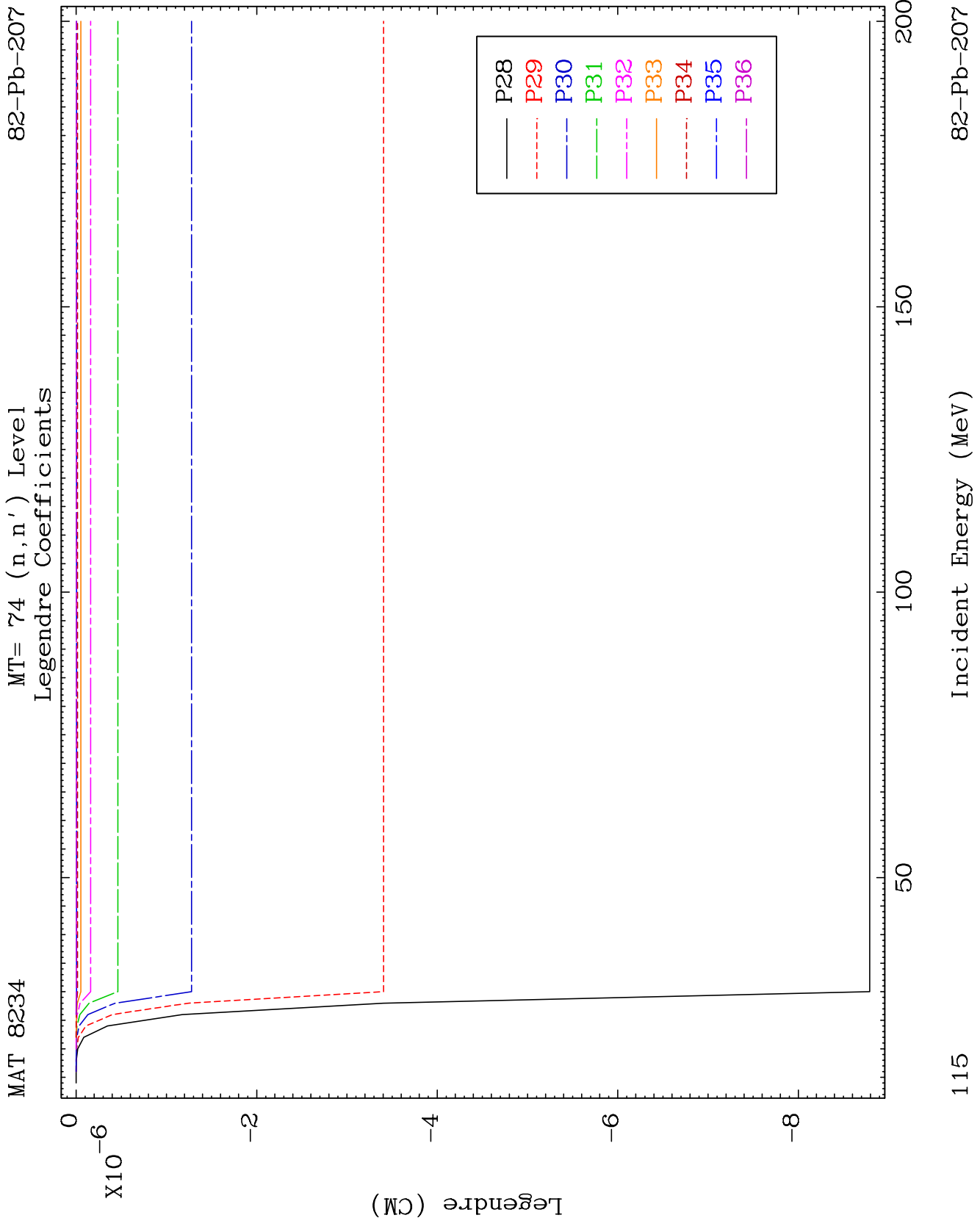
82-Pb-207

MAT 8234

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

82-Pb-207





82-Pb-207

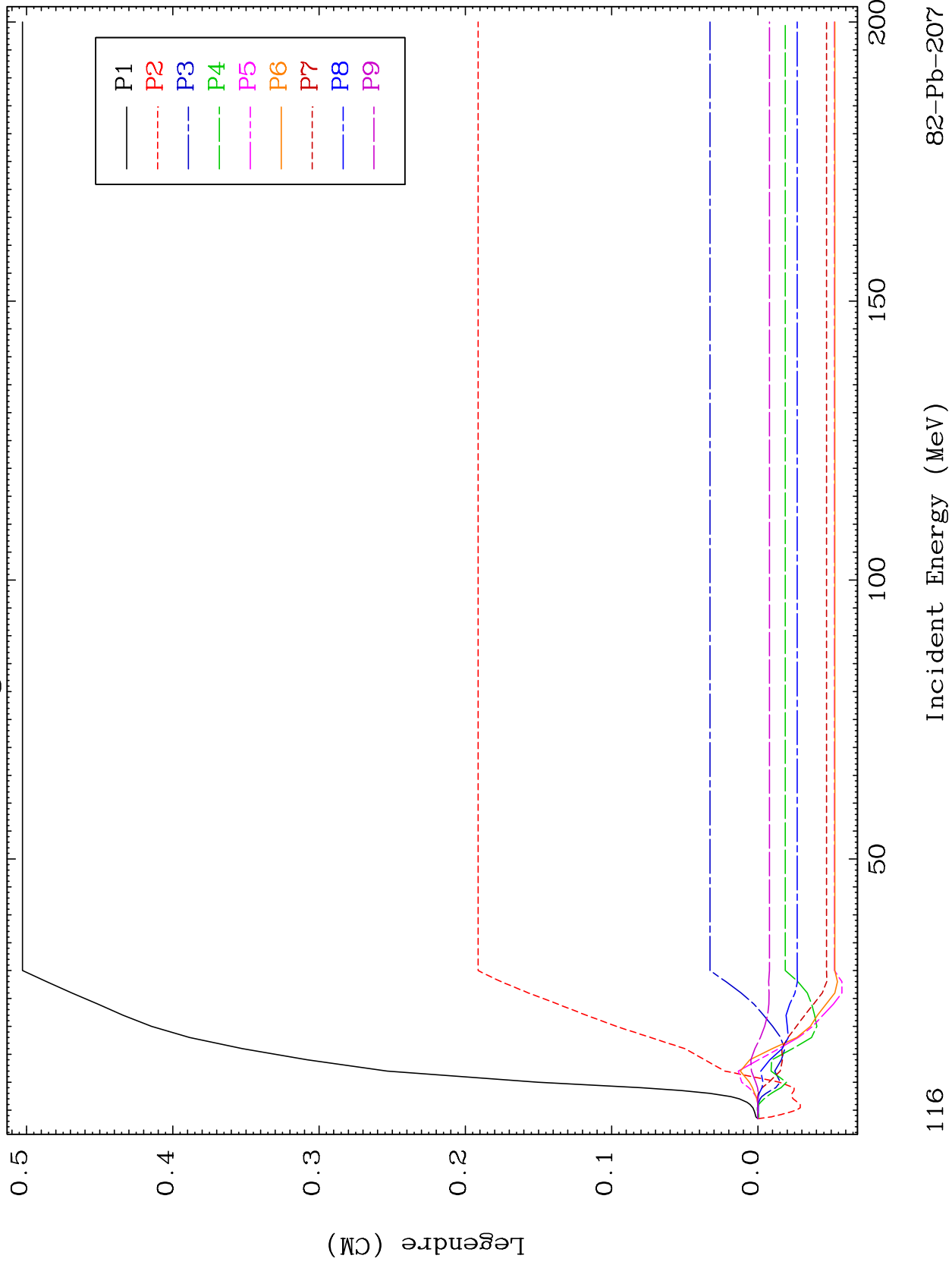
Incident Energy (MeV)

115

MAT 8234

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

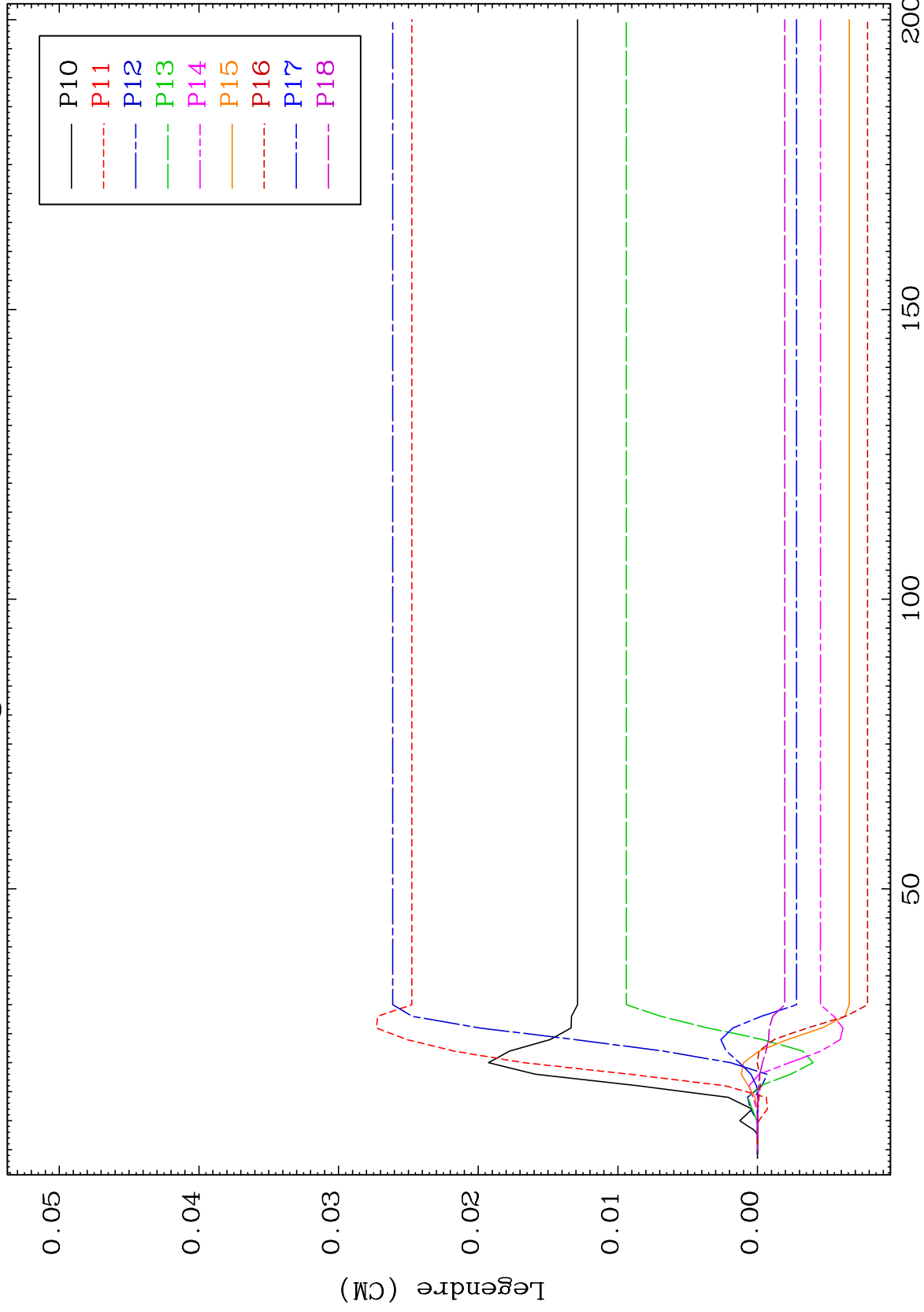
82-Pb-207



MAT 8234

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

82-Pb-207



117

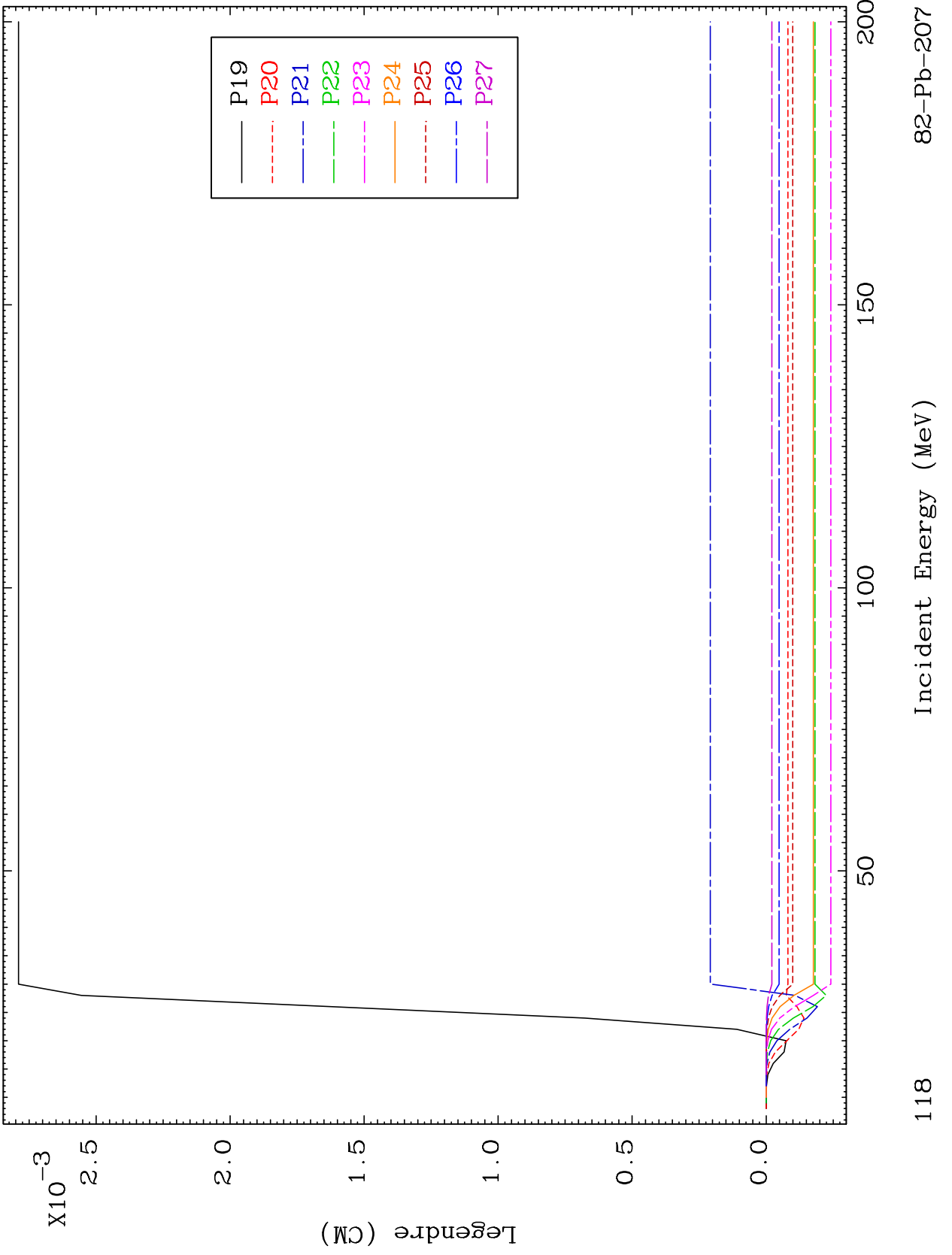
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

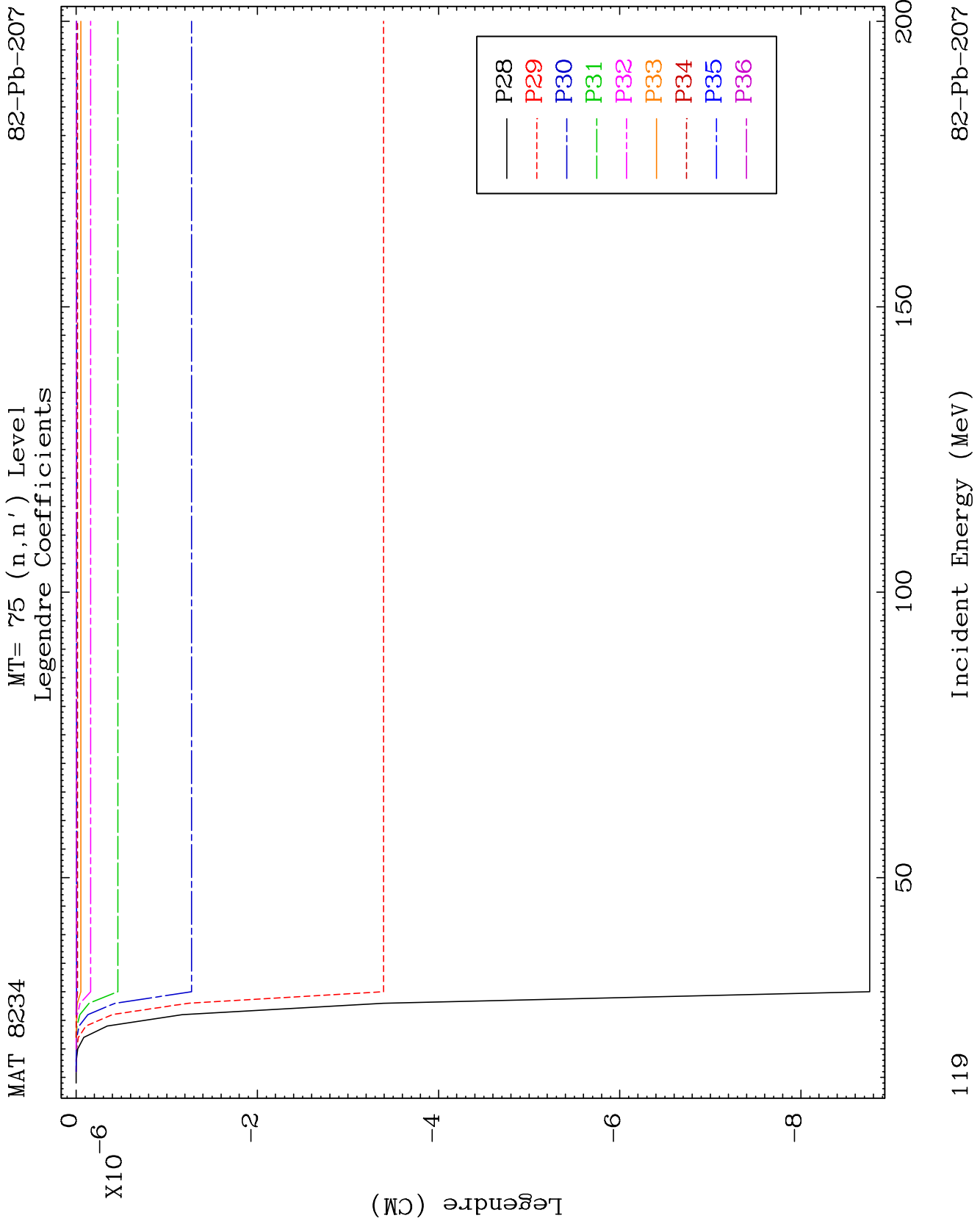
82-Pb-207



118

Incident Energy (MeV)

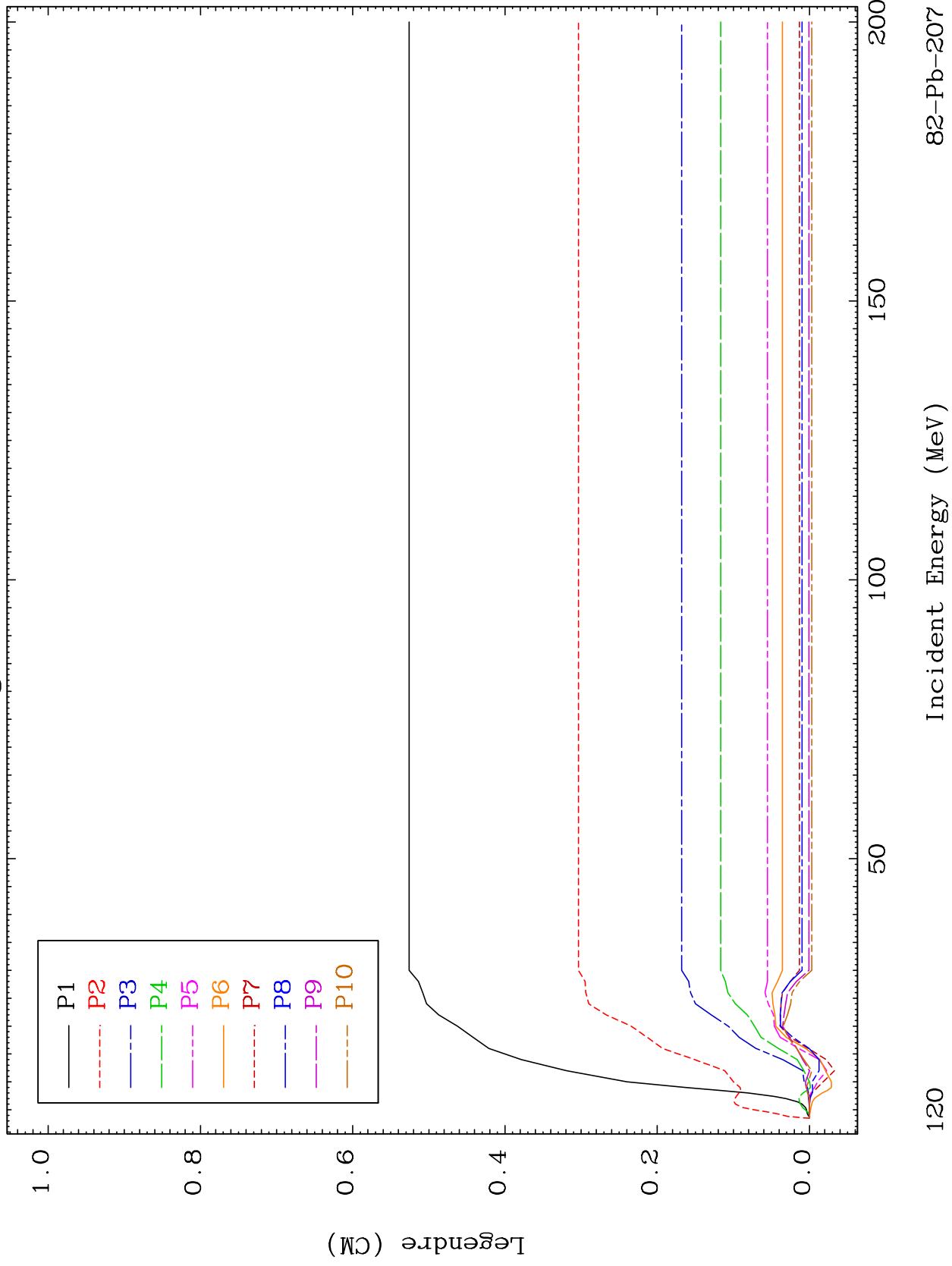
82-Pb-207



MAT 8234

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

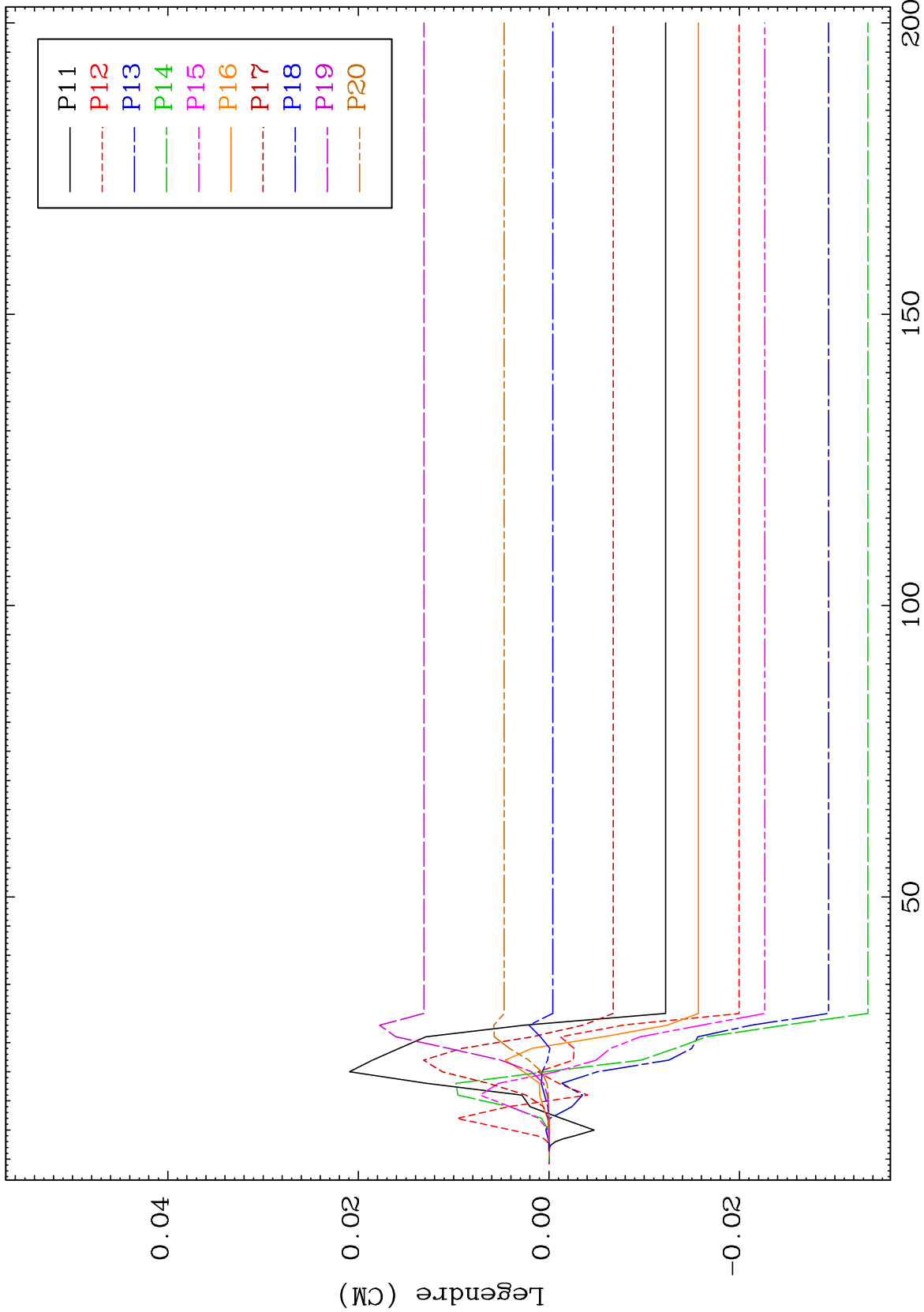
82-Pb-207



MAT 8234

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

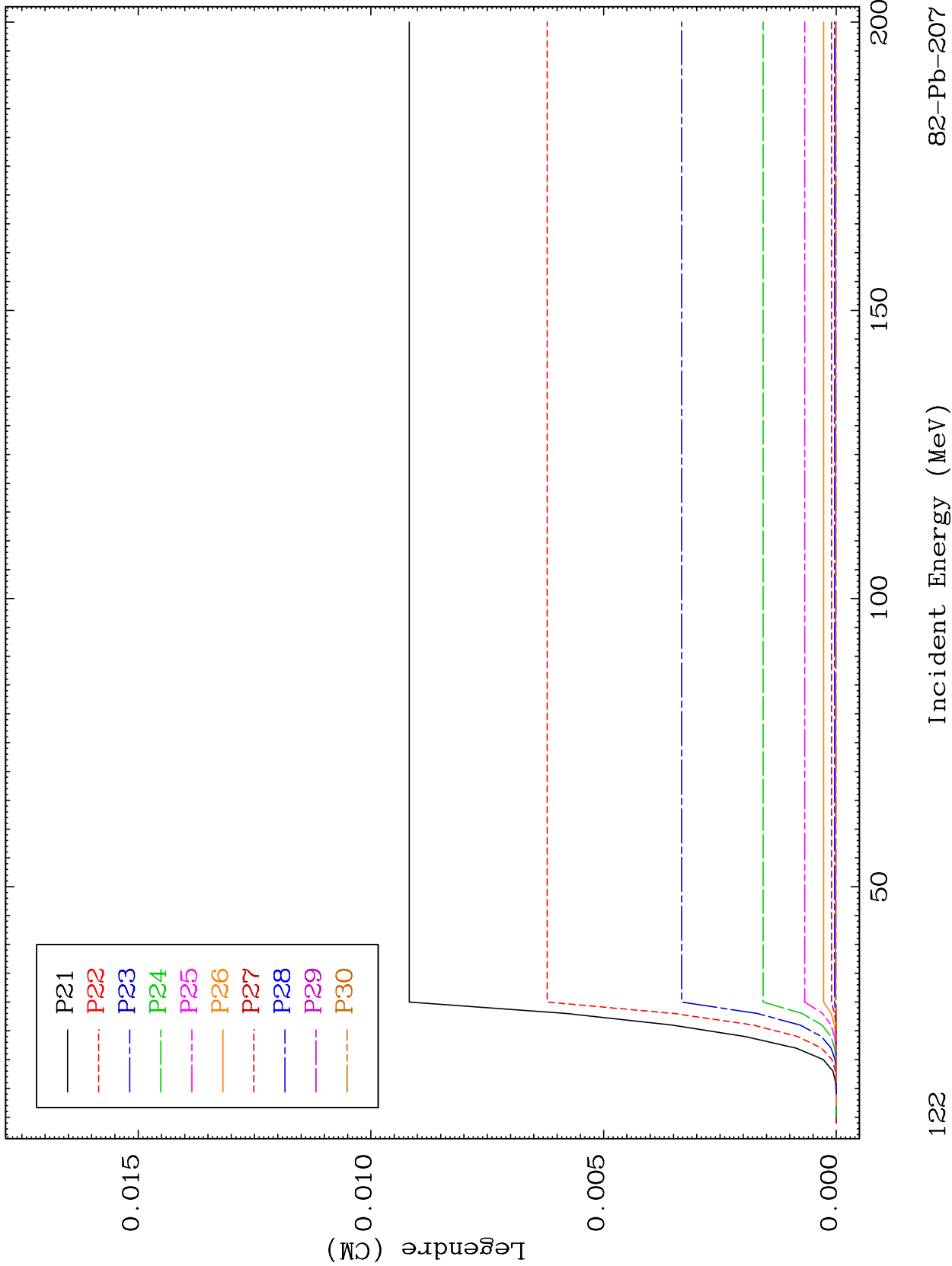
82-Pb-207



MAT 8234

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

82-Pb-207



122

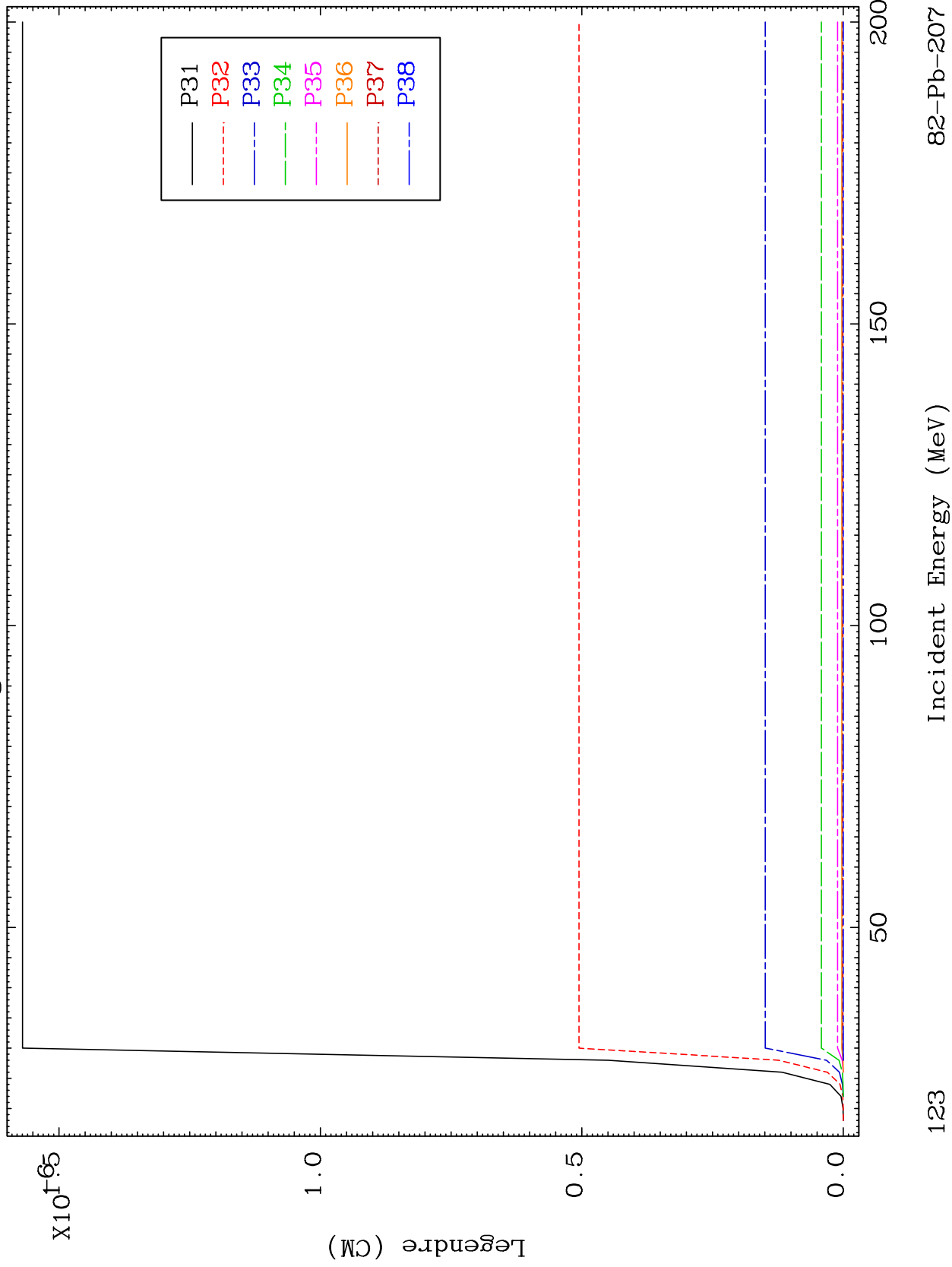
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

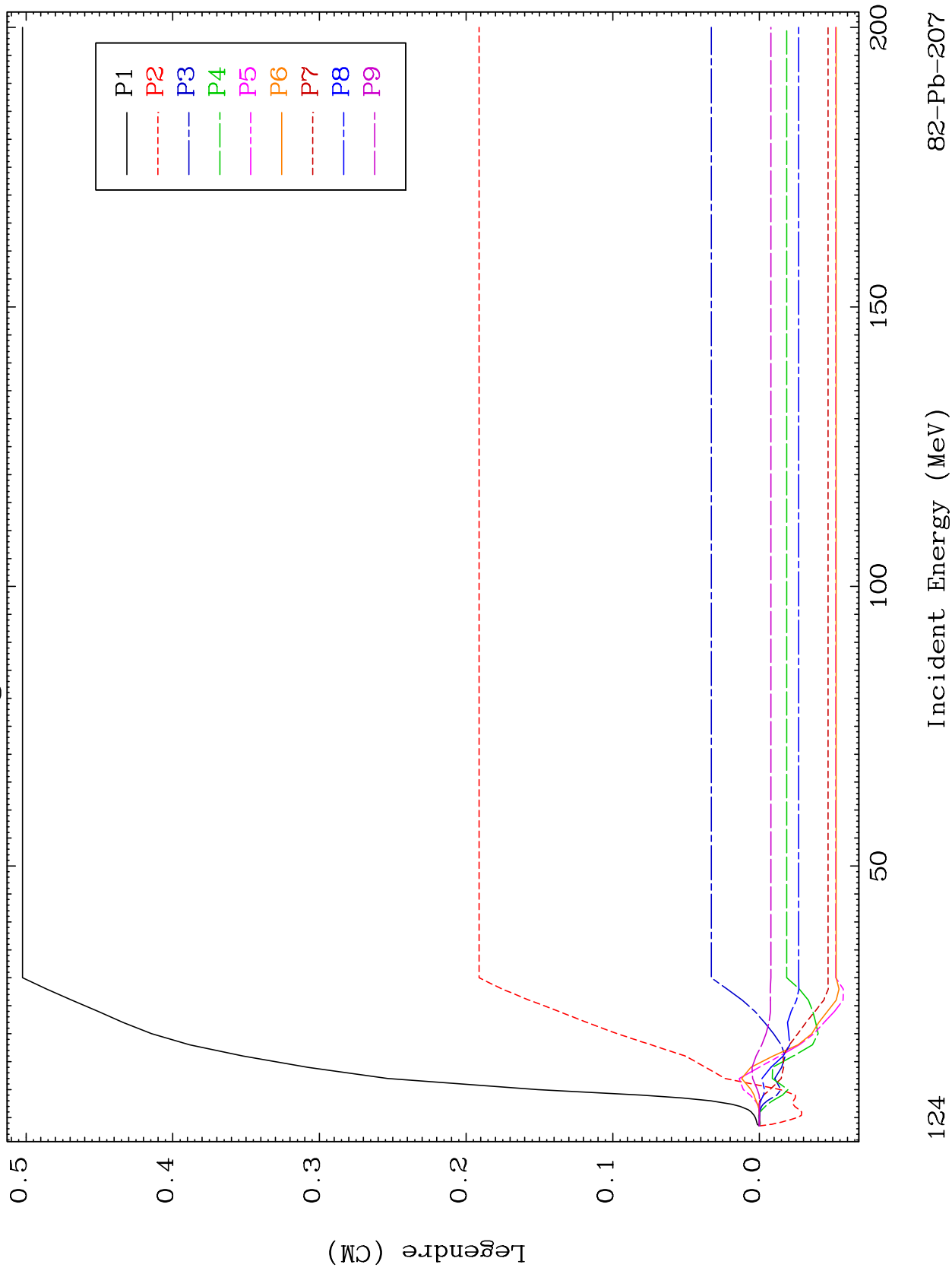
82-Pb-207



MAT 8234

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

82-Pb-207



124

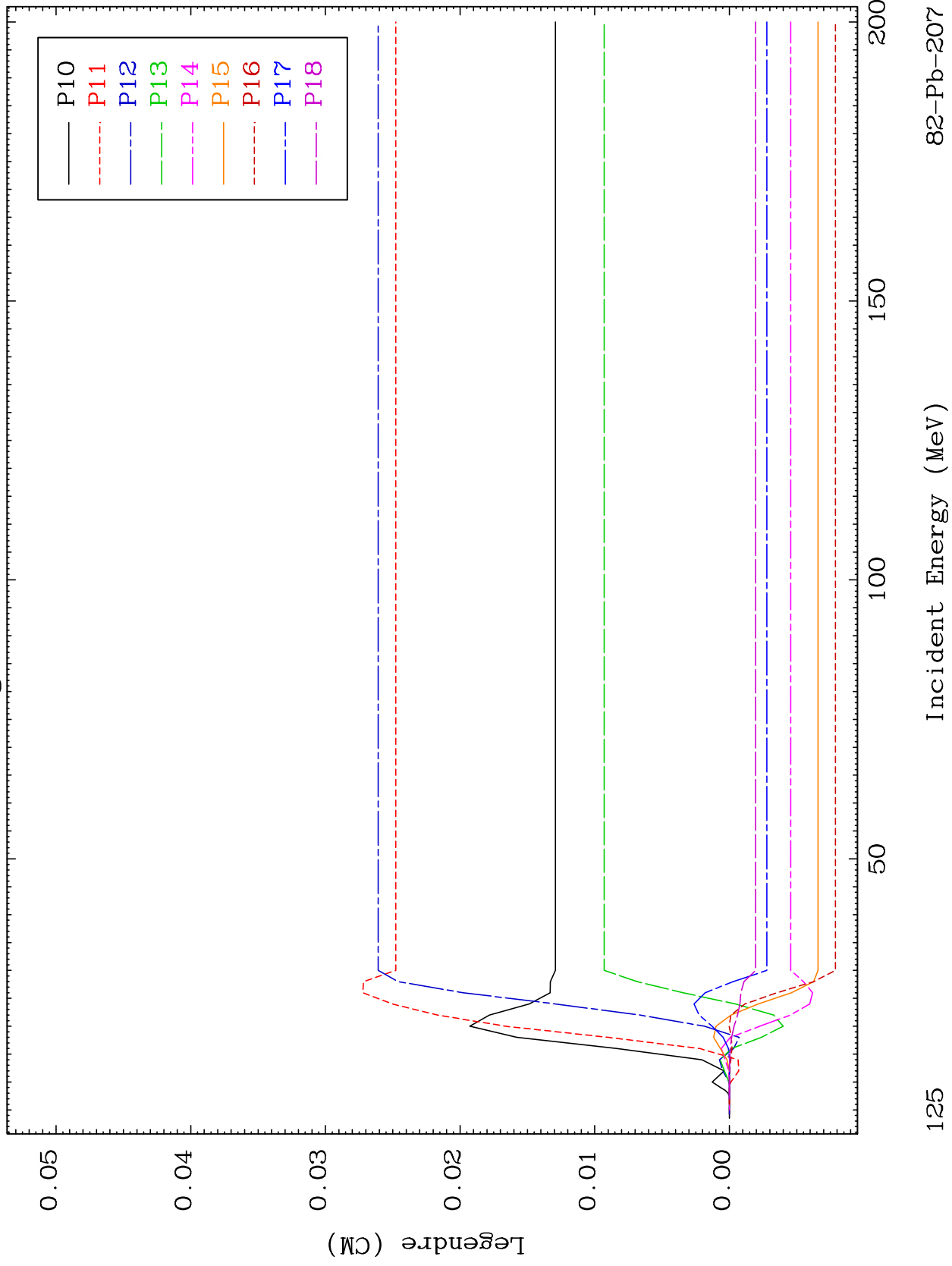
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



82-Pb-207

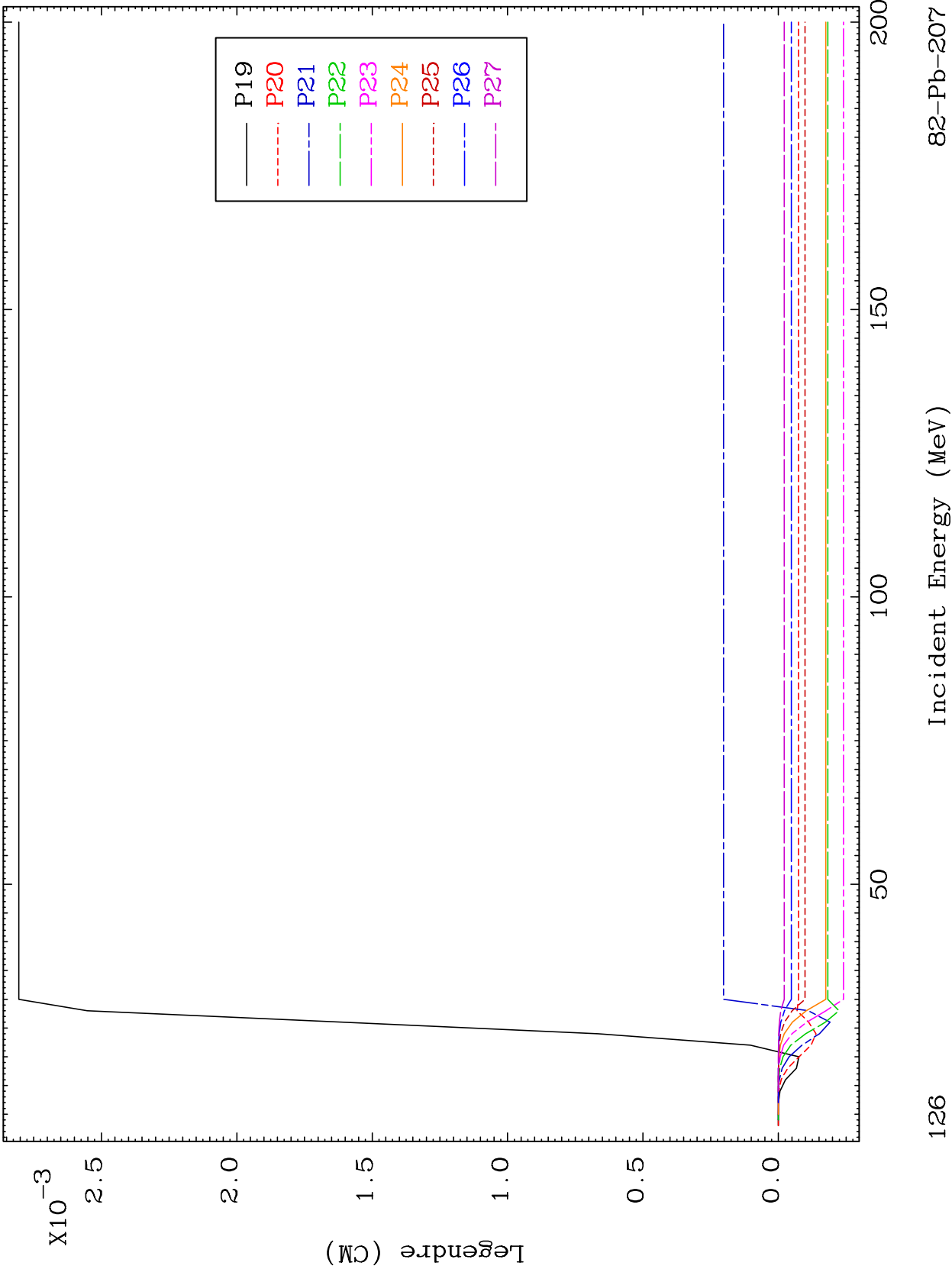
Incident Energy (MeV)

125

MAT 8234

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

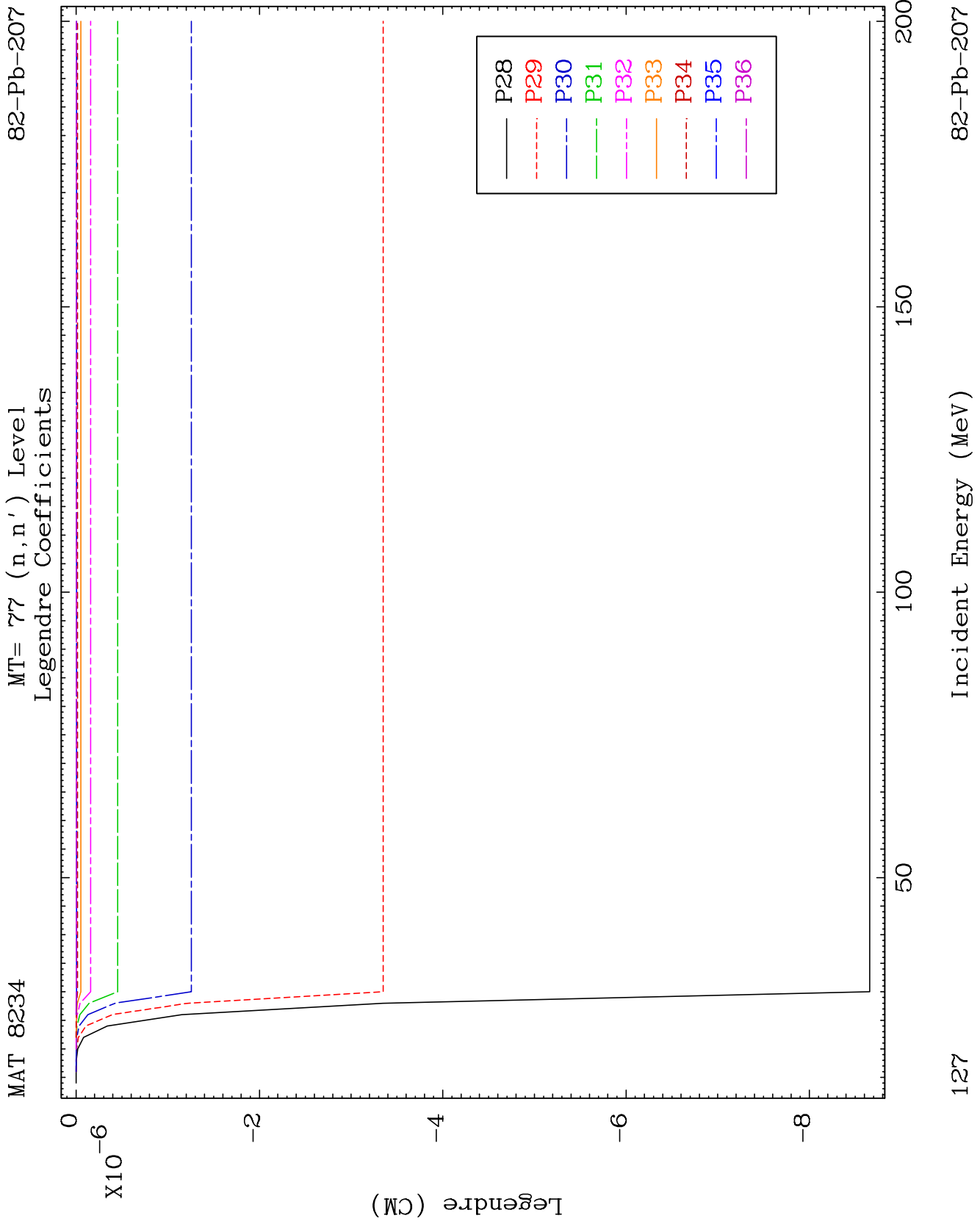
82-Pb-207



126

Incident Energy (MeV)

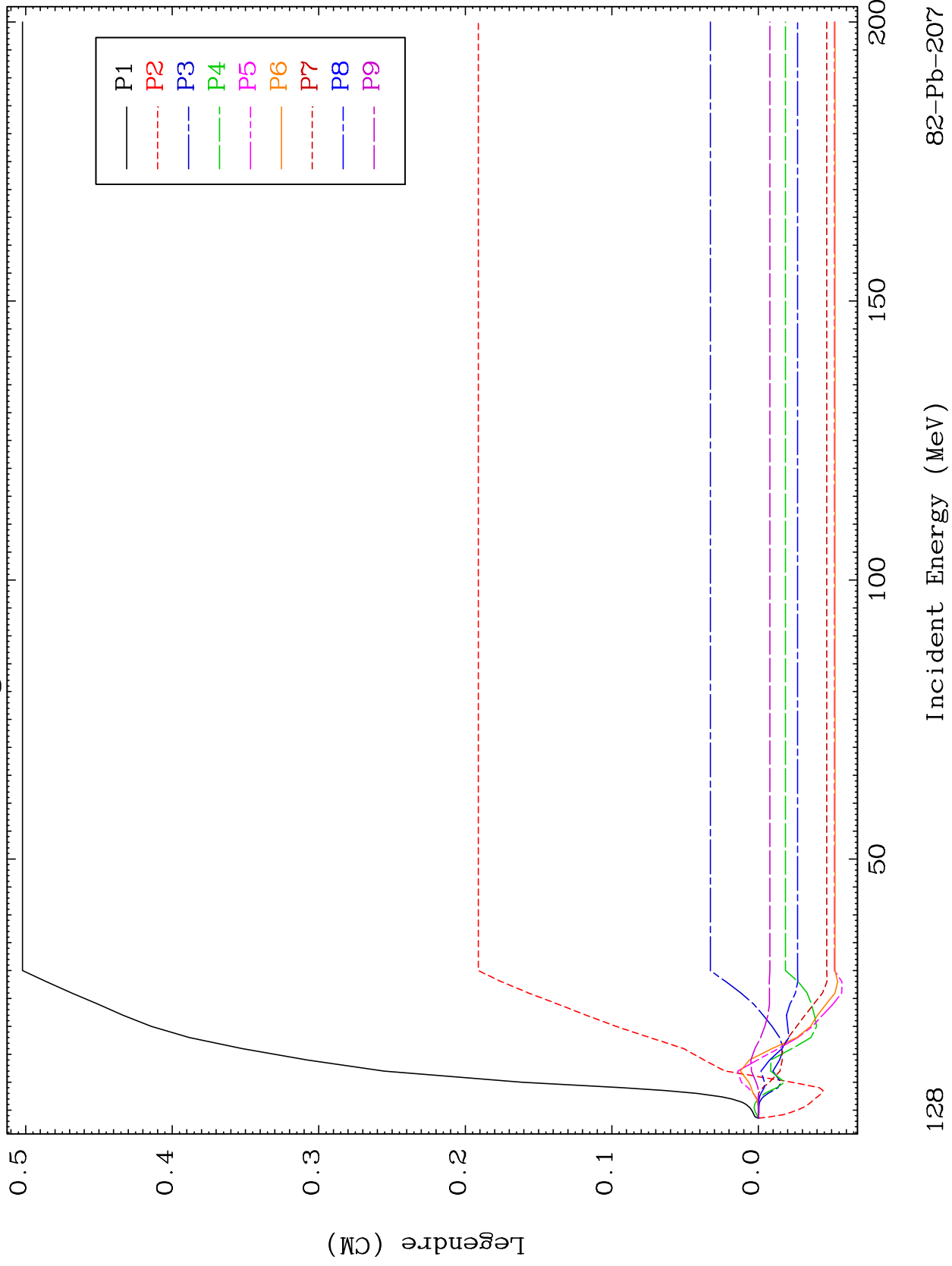
82-Pb-207



MAT 8234

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

82-Pb-207



128

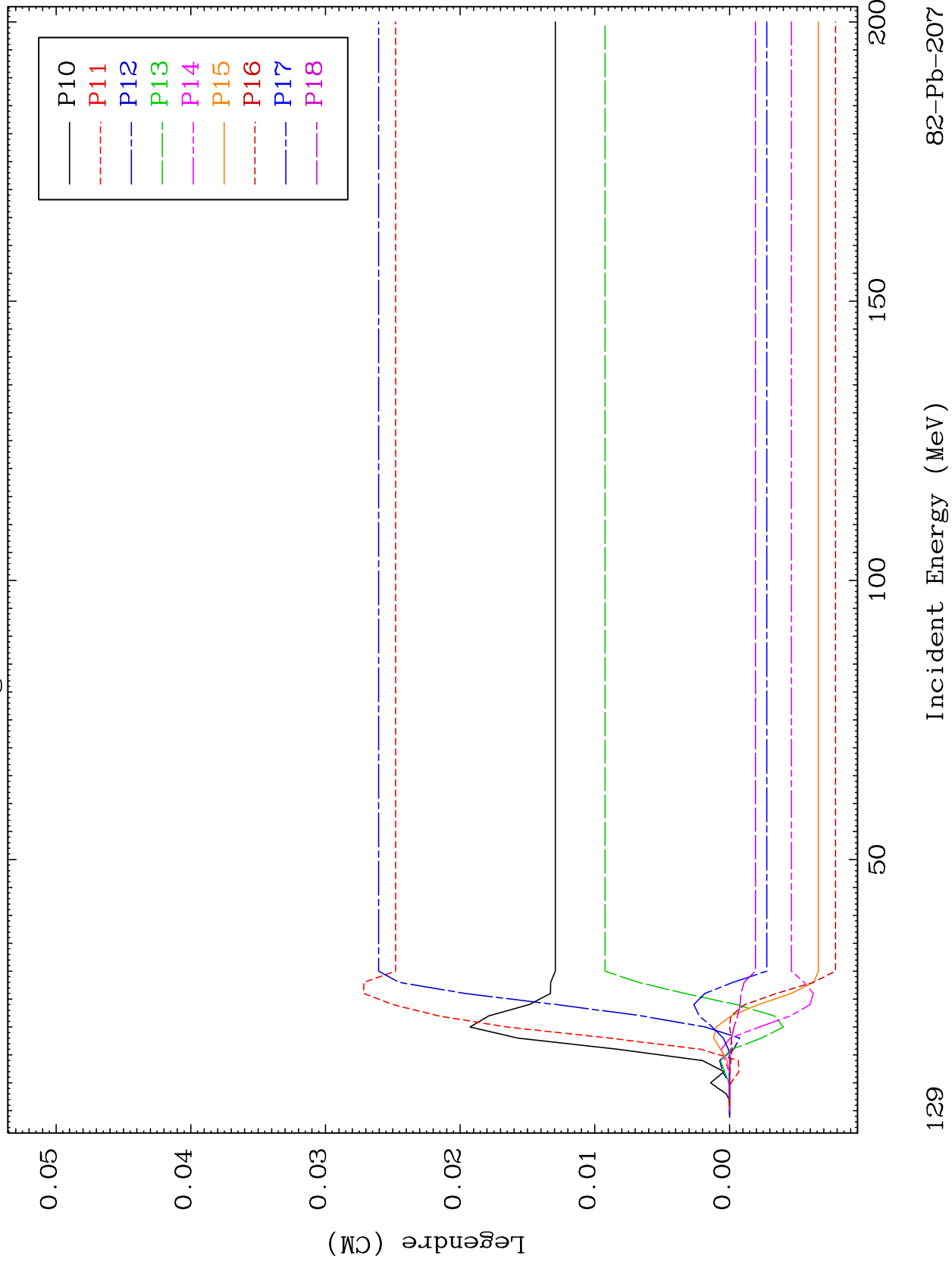
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207

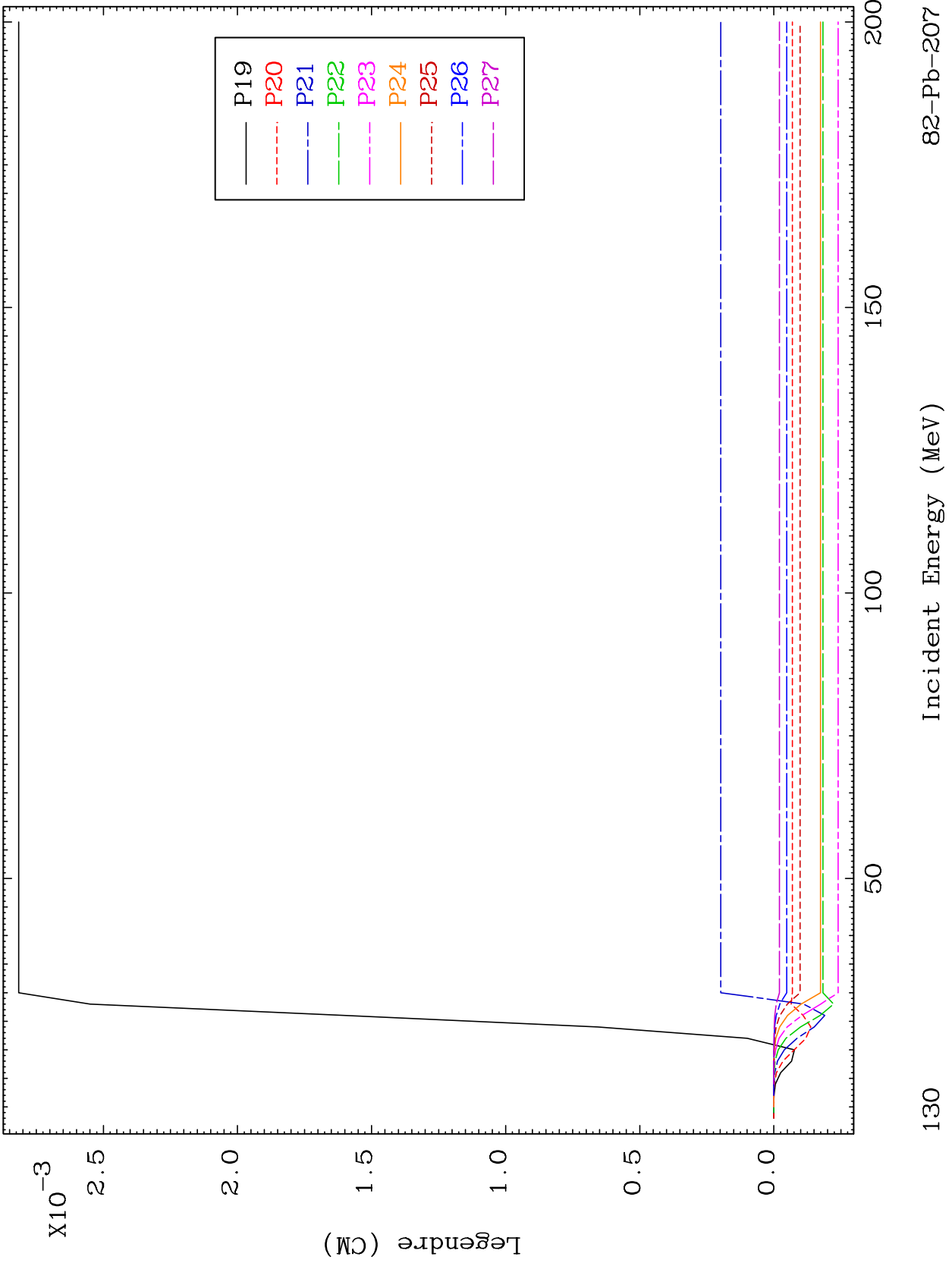


129

MAT 8234

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

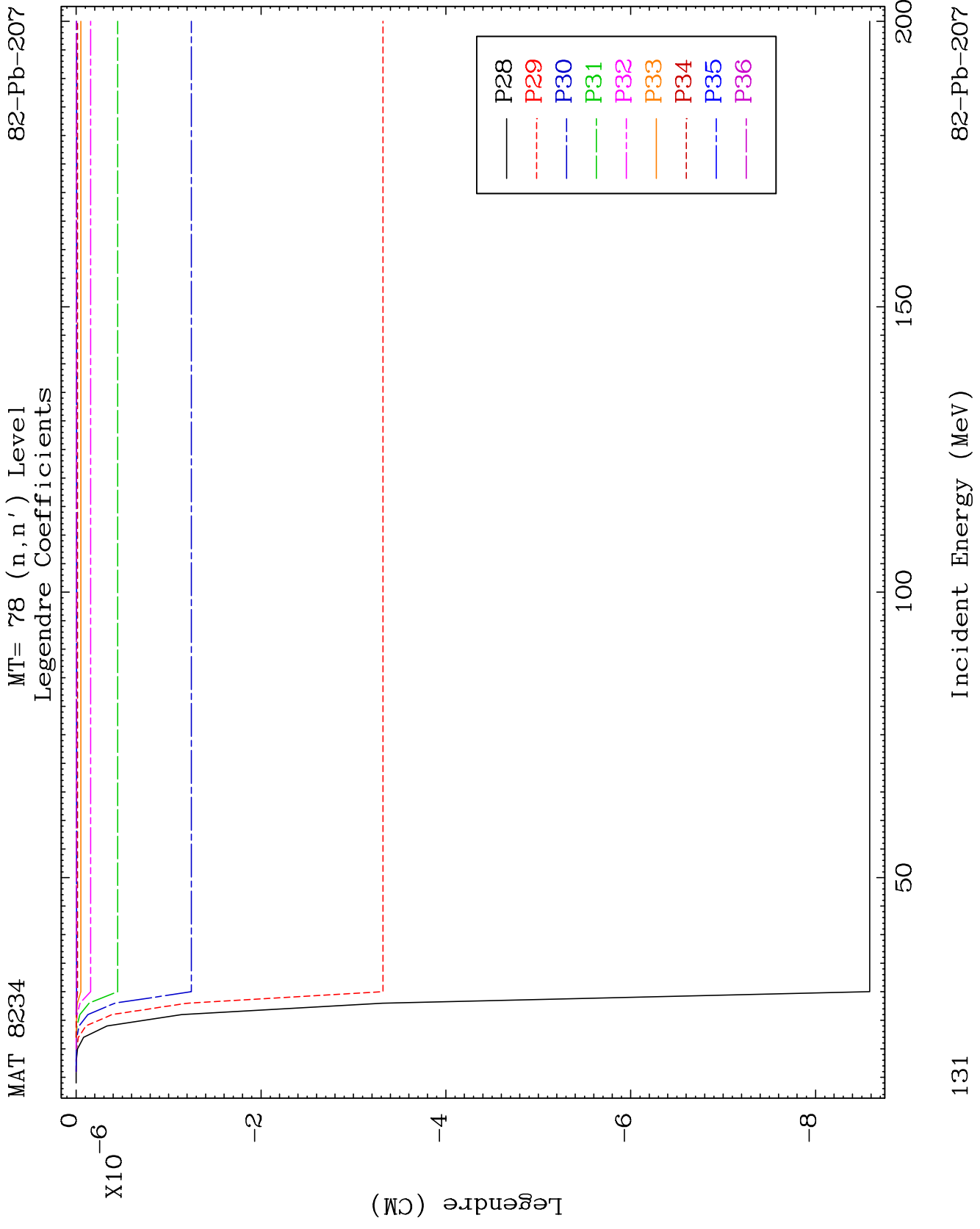
82-Pb-207



130

Incident Energy (MeV)

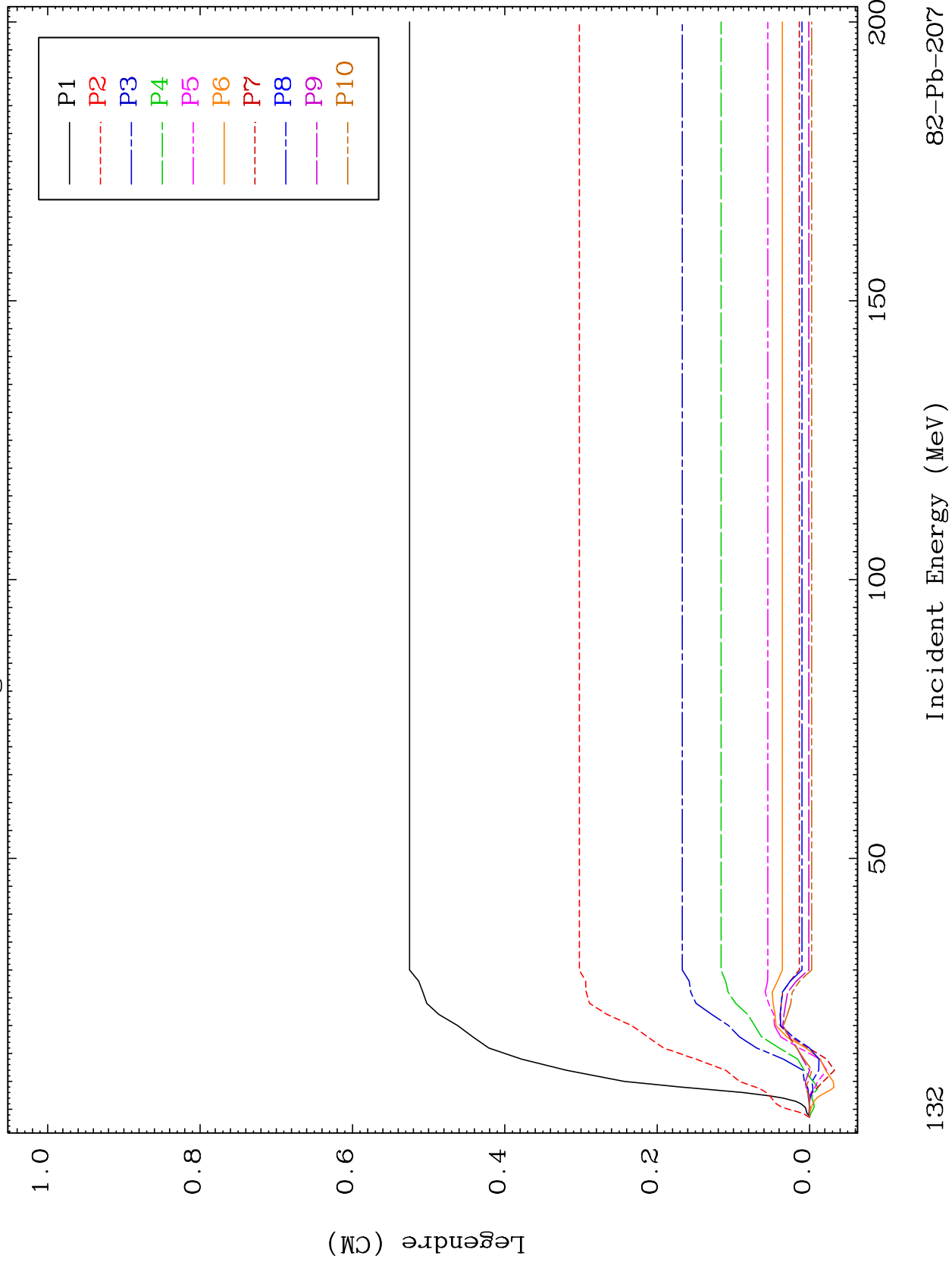
82-Pb-207



MAT 8234

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

82-Pb-207



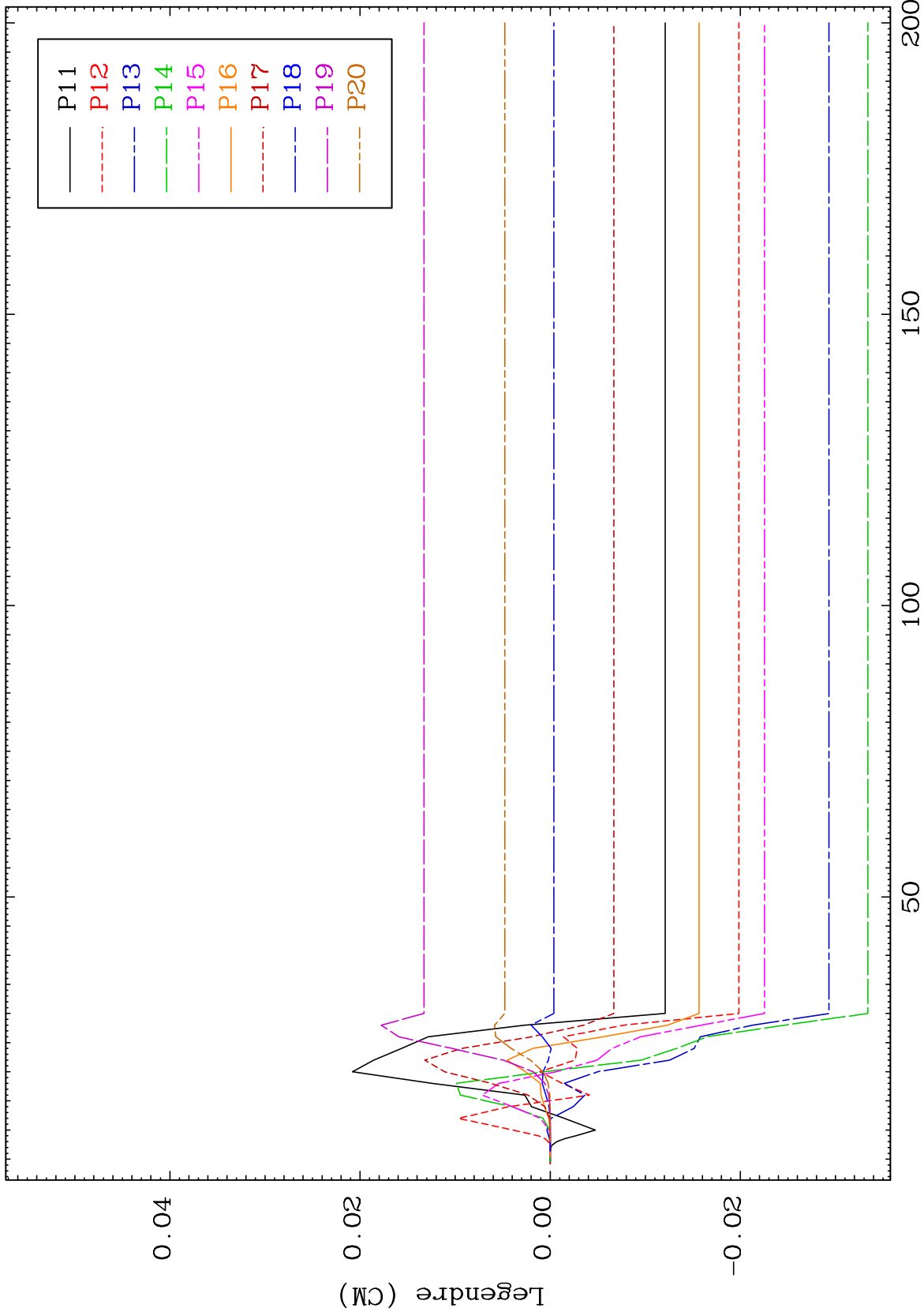
132

82-Pb-207

MAT 8234

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

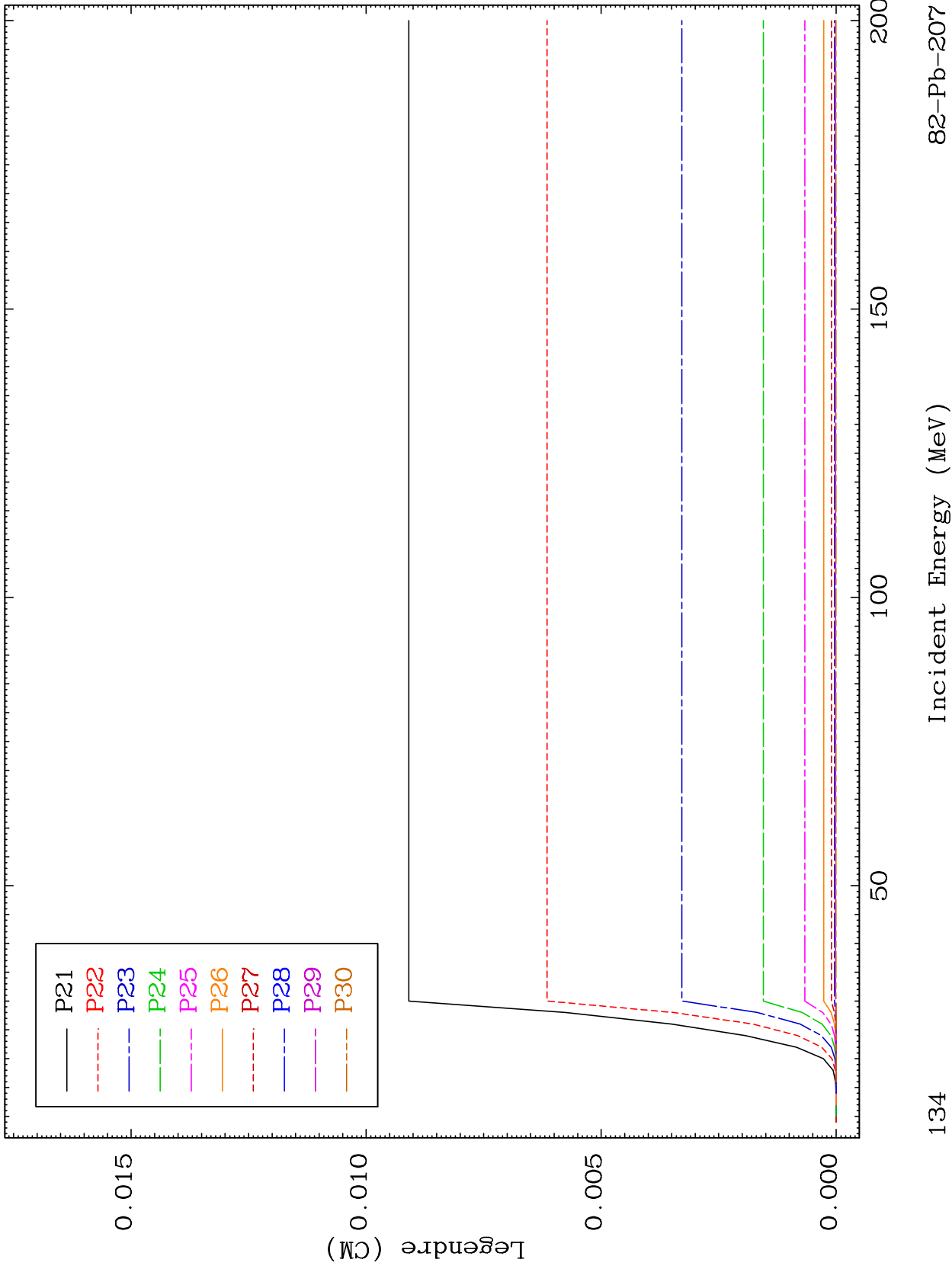
82-Pb-207



MAT 8234

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

82-Pb-207



134

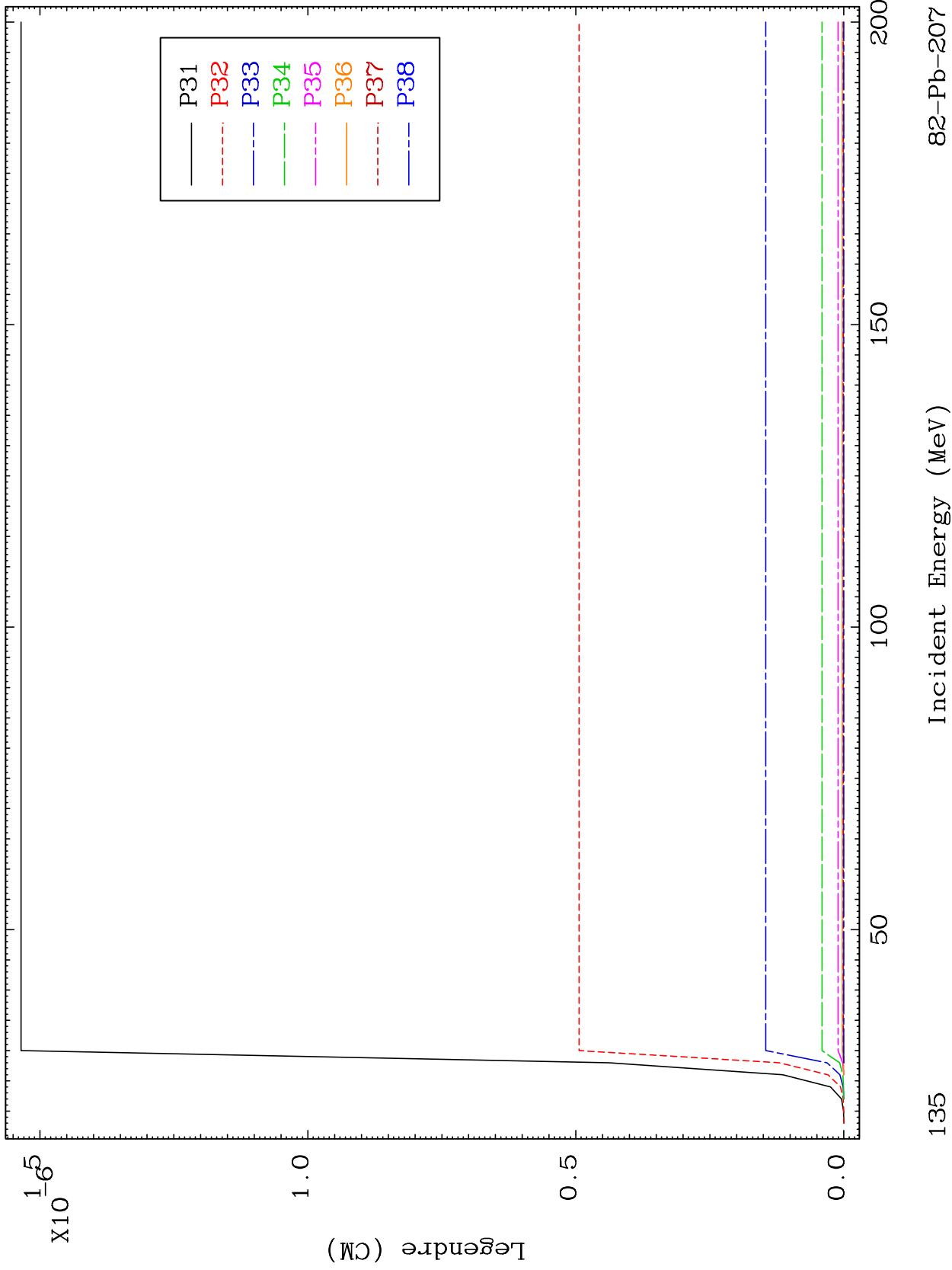
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



135

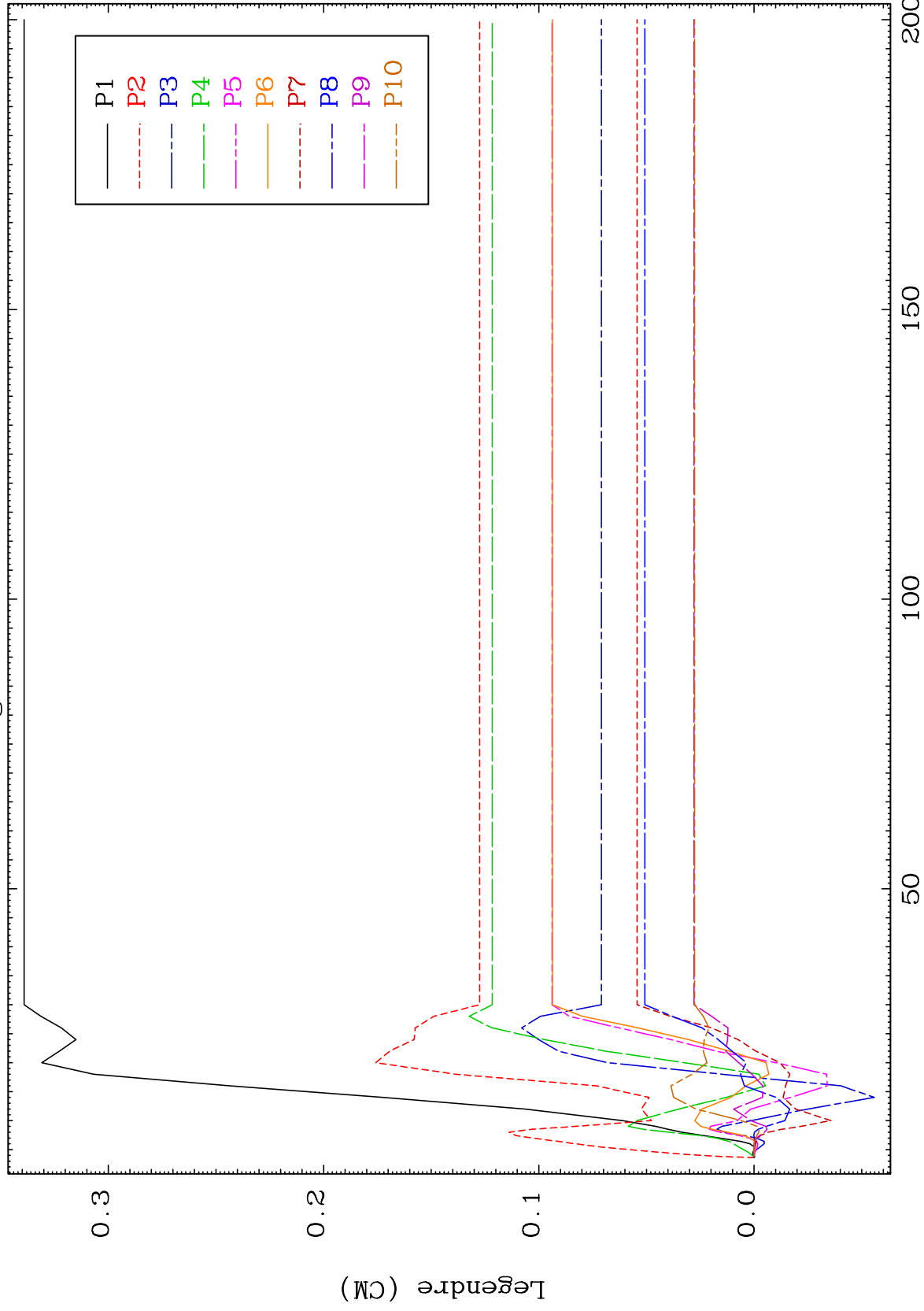
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



136

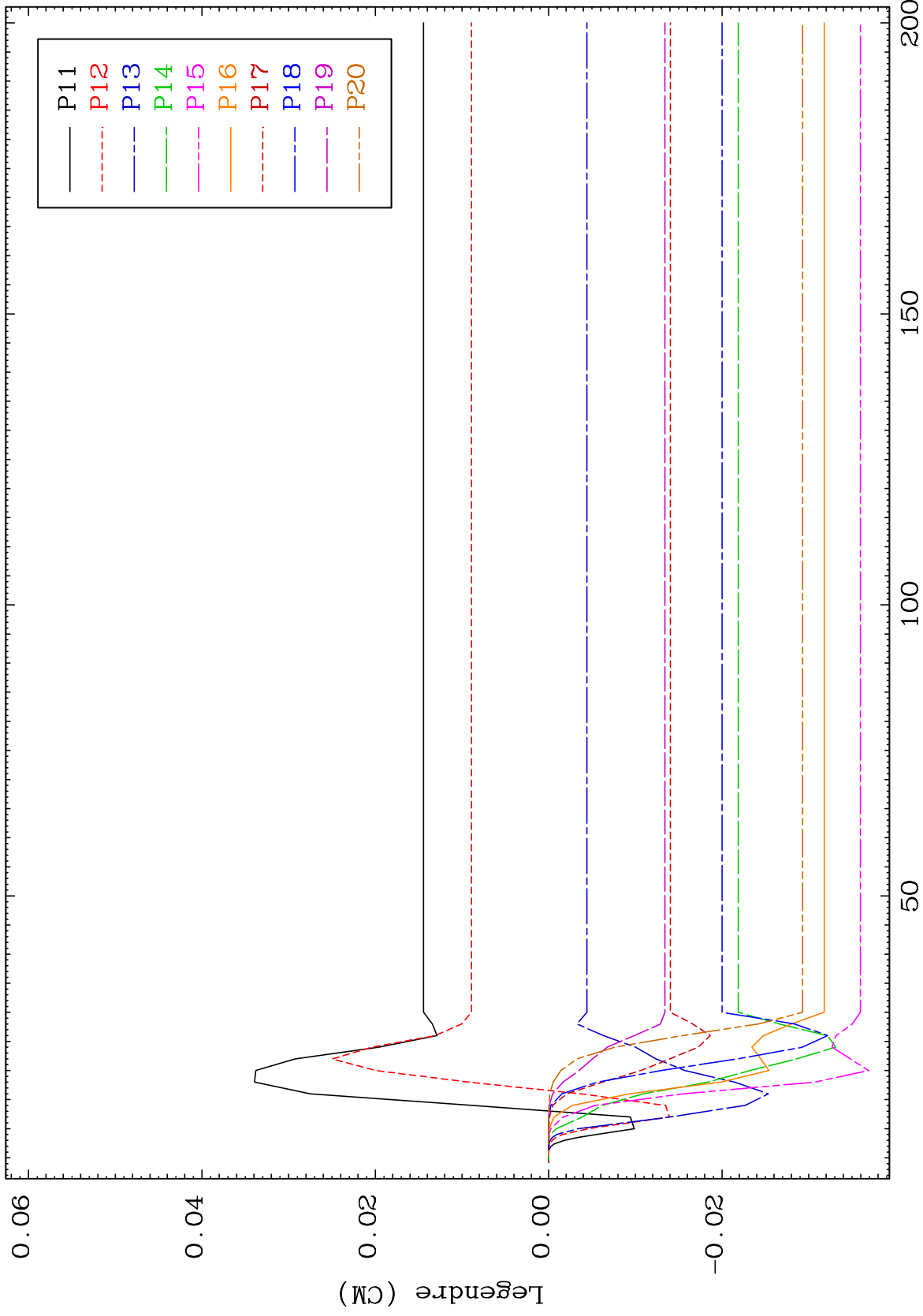
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



137

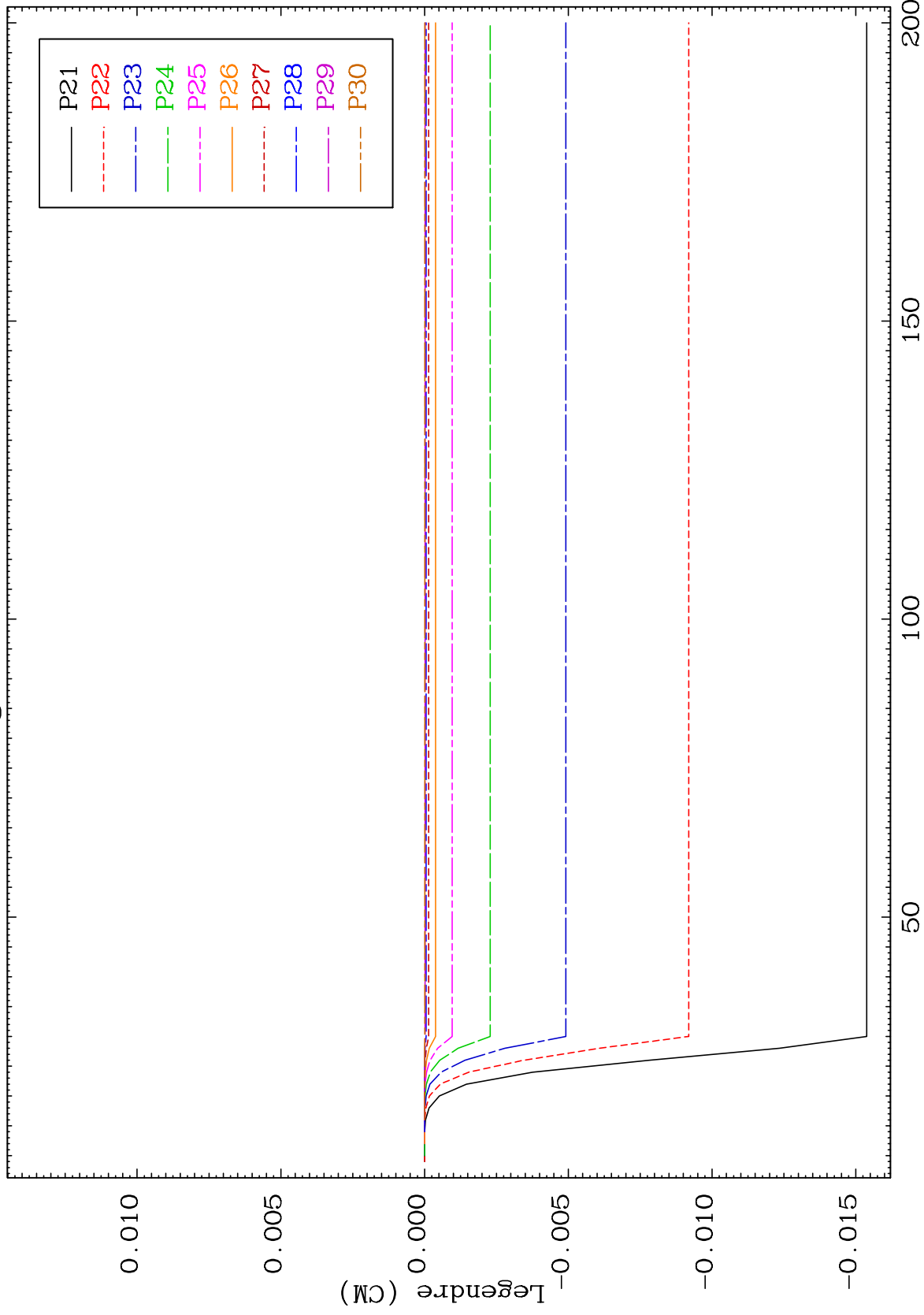
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

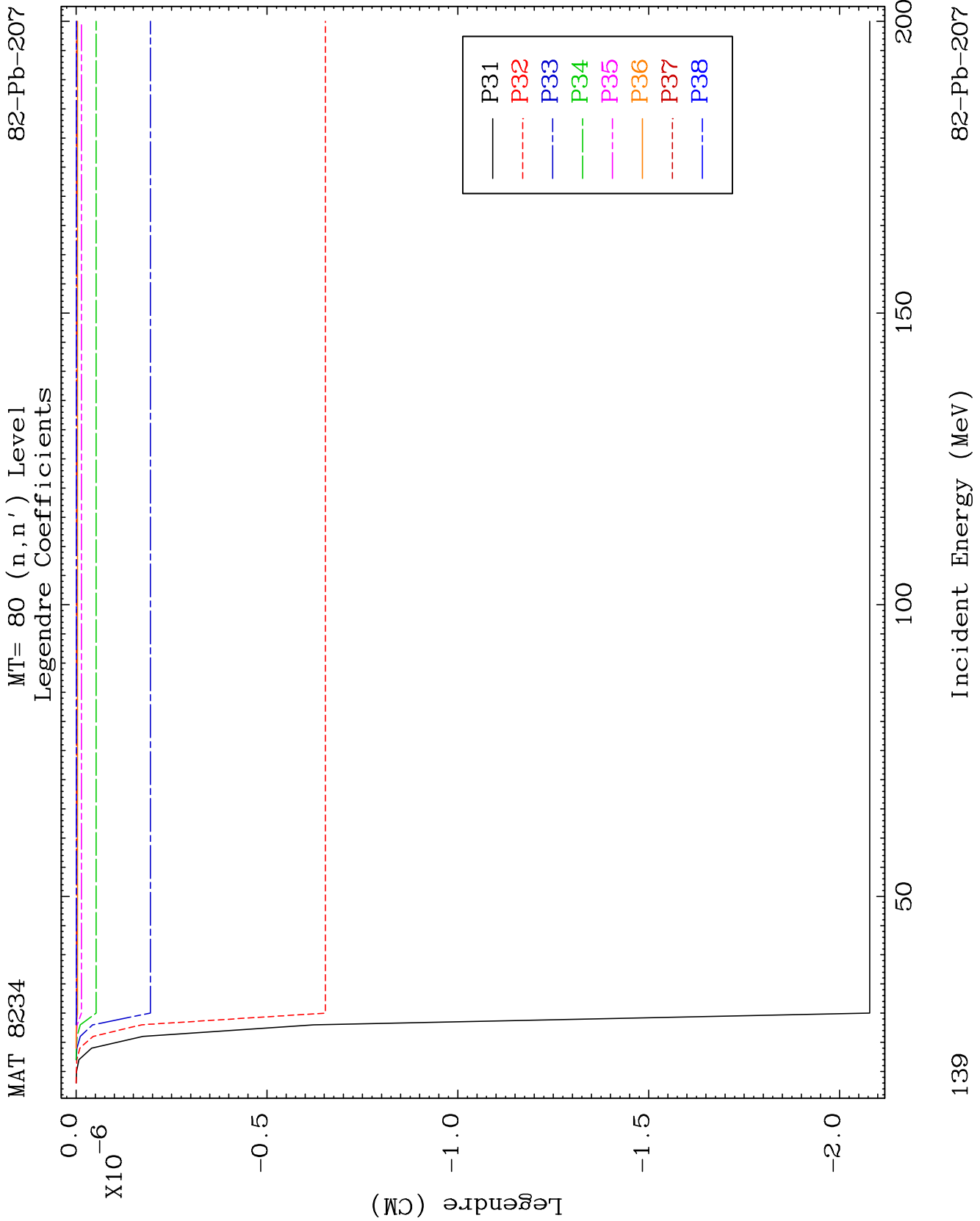
82-Pb-207



138

Incident Energy (MeV)

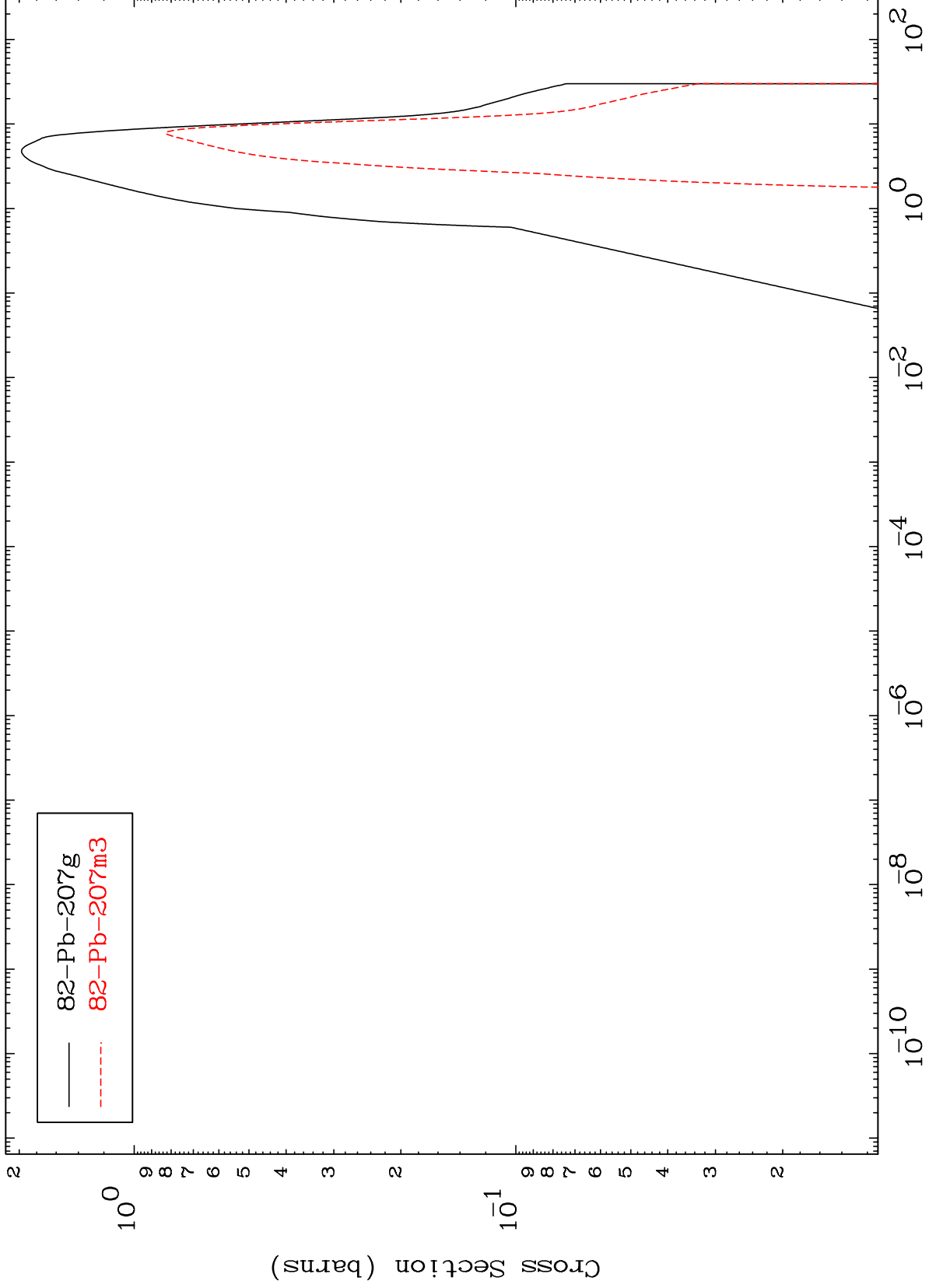
82-Pb-207



MAT 8234

Inelastic
Radionuclide Production Cross Section

82-Pb-207

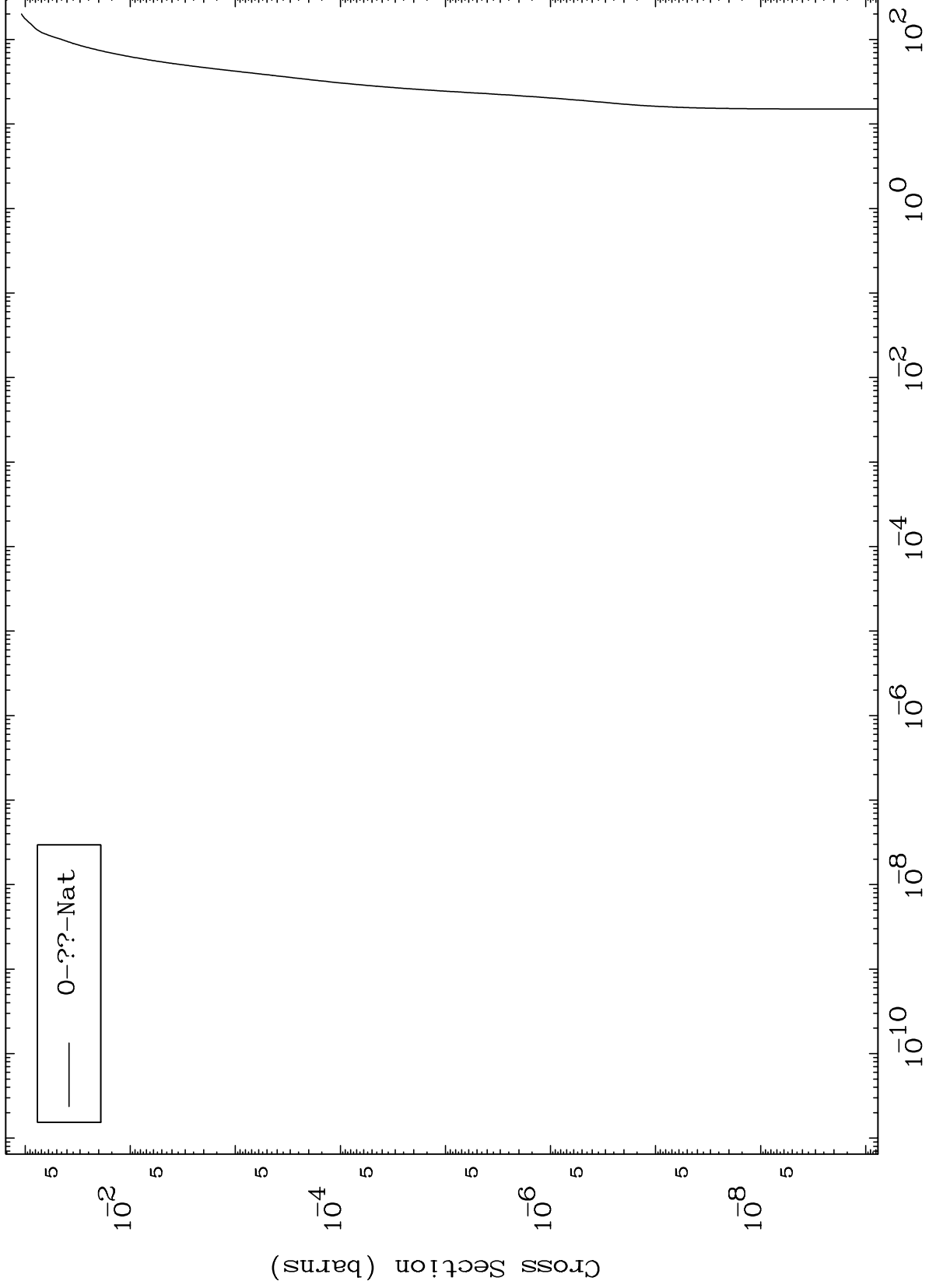


MAT 8234

Fission

82-Pb-207

Radionuclide Production Cross Section



141

Incident Energy (MeV)

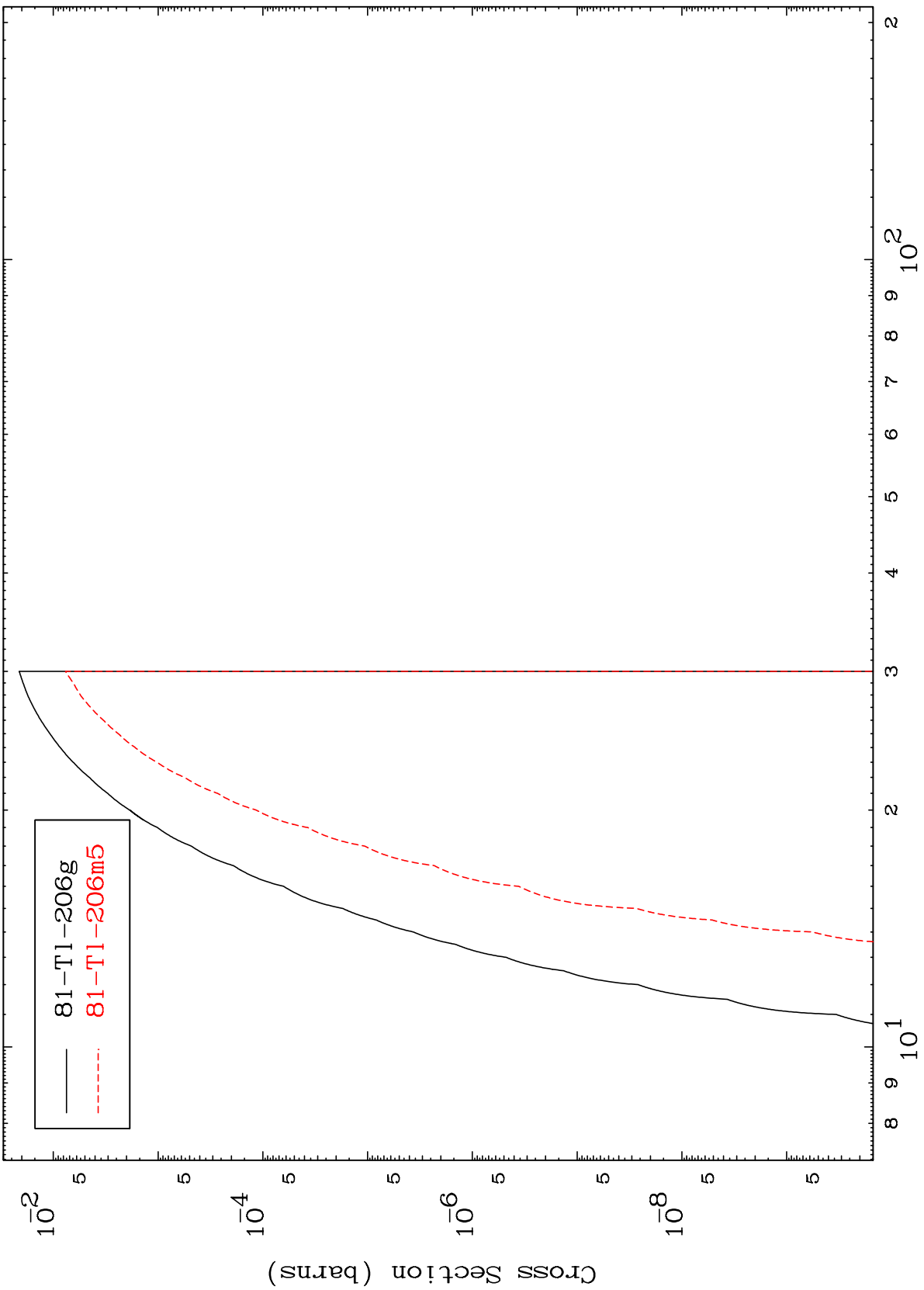
82-Pb-207

MAT 8234

(n,n') p

82-Pb-207

Radionuclide Production Cross Section



142

Incident Energy (MeV)

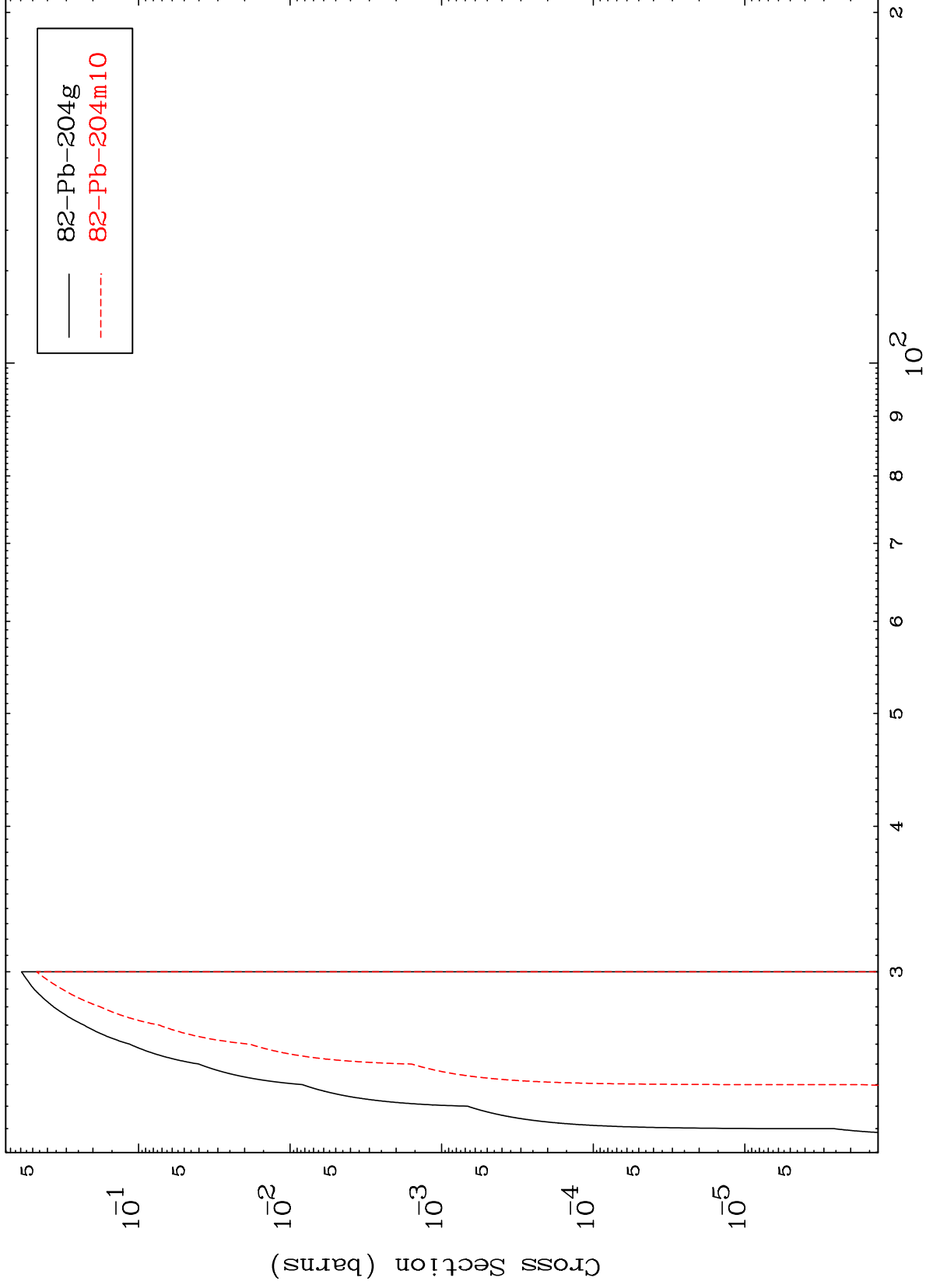
82-Pb-207

MAT 8234

(n,4n)

82-Pb-207

Radionuclide Production Cross Section



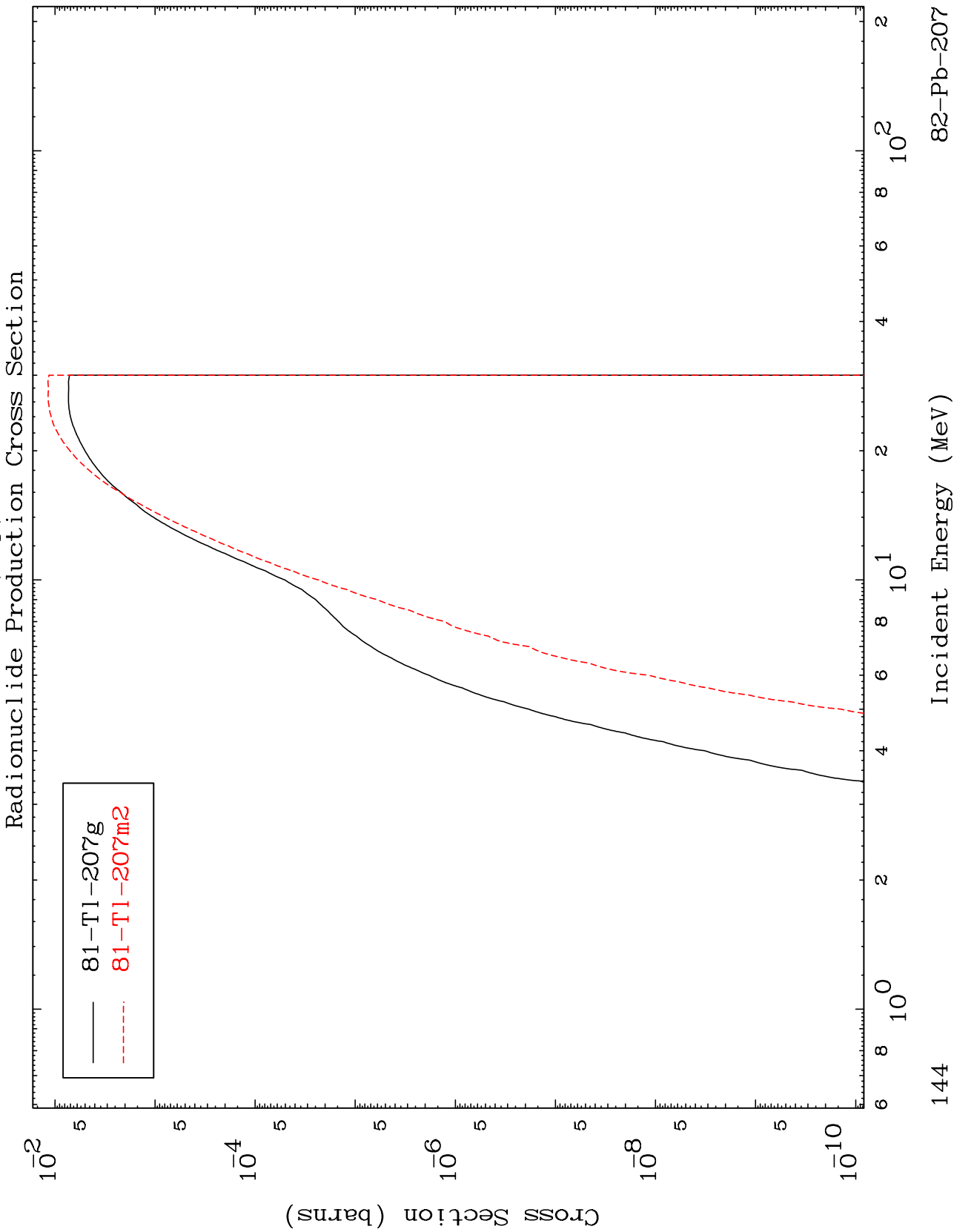
143

Incident Energy (MeV)

82-Pb-207

MAT 8234

82-Pb-207



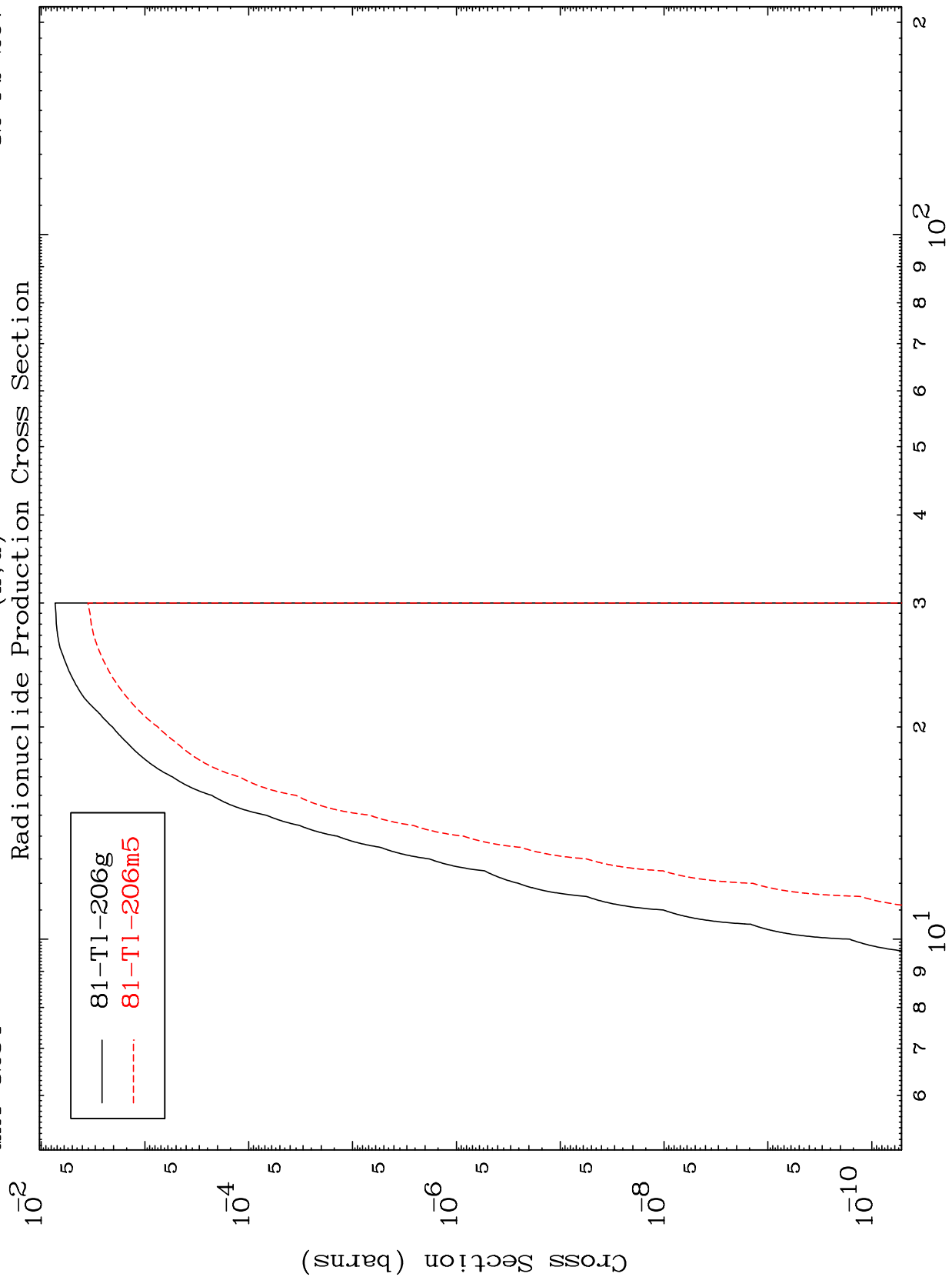
144

82-Pb-207

MAT 8234

(n,d)

82-Pb-207



145

82-Pb-207