

Program EVALPLOT
(Version 2021-1)

by

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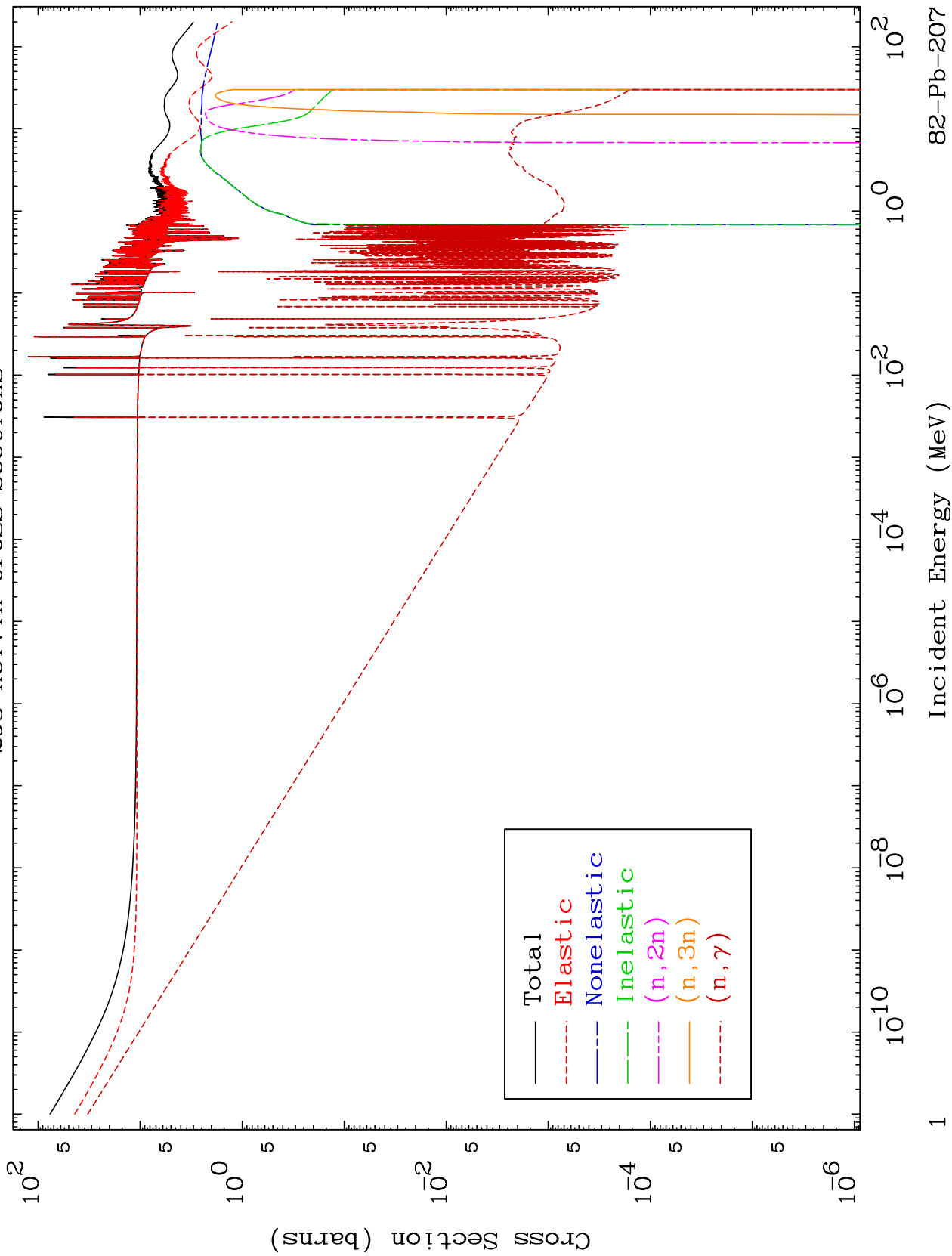
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8234

Neutron Major
293 Kelvin Cross Sections

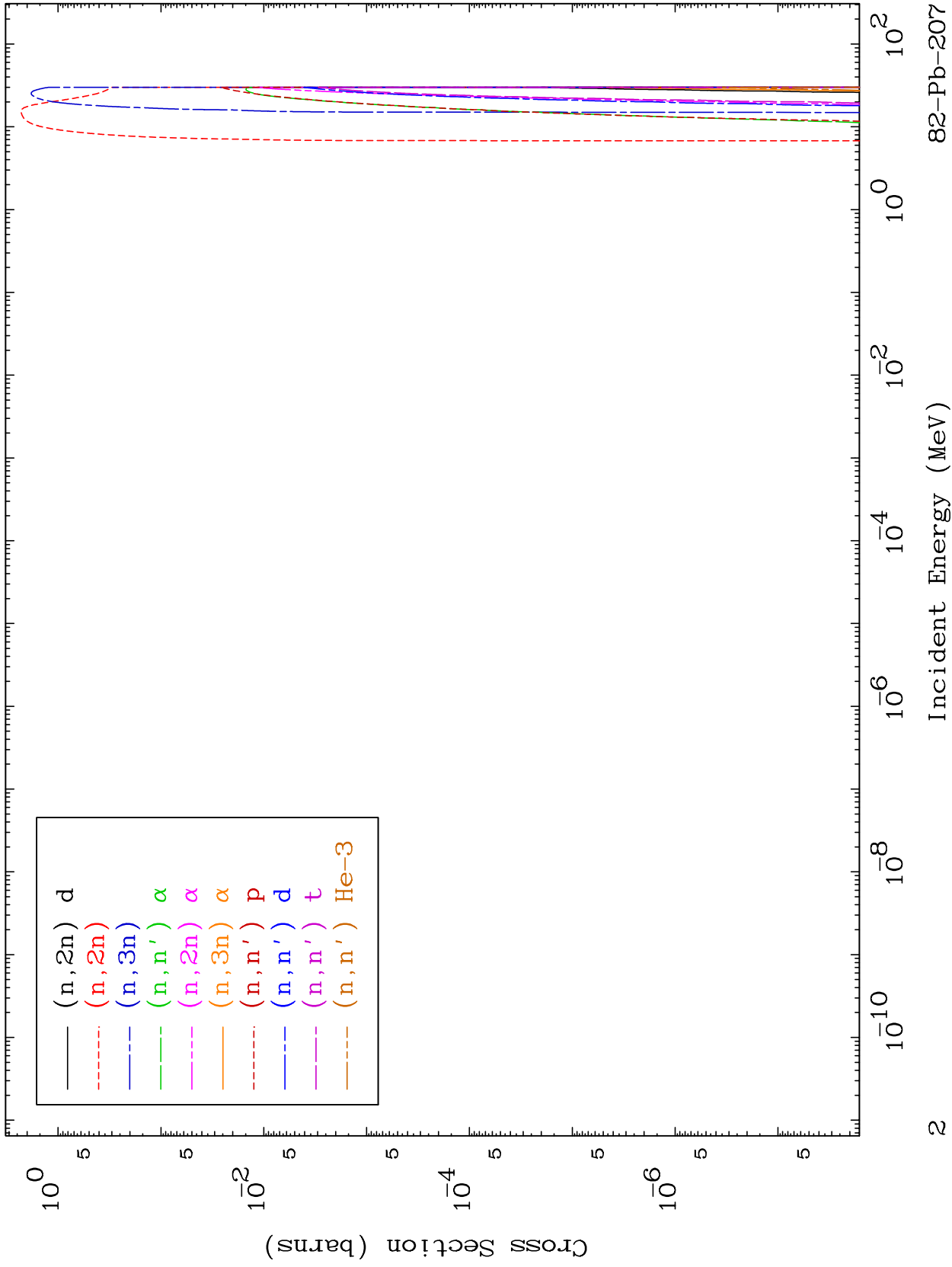
82-Pb-207



MAT 8234

Neutron Absorption
293 Kelvin Cross Sections

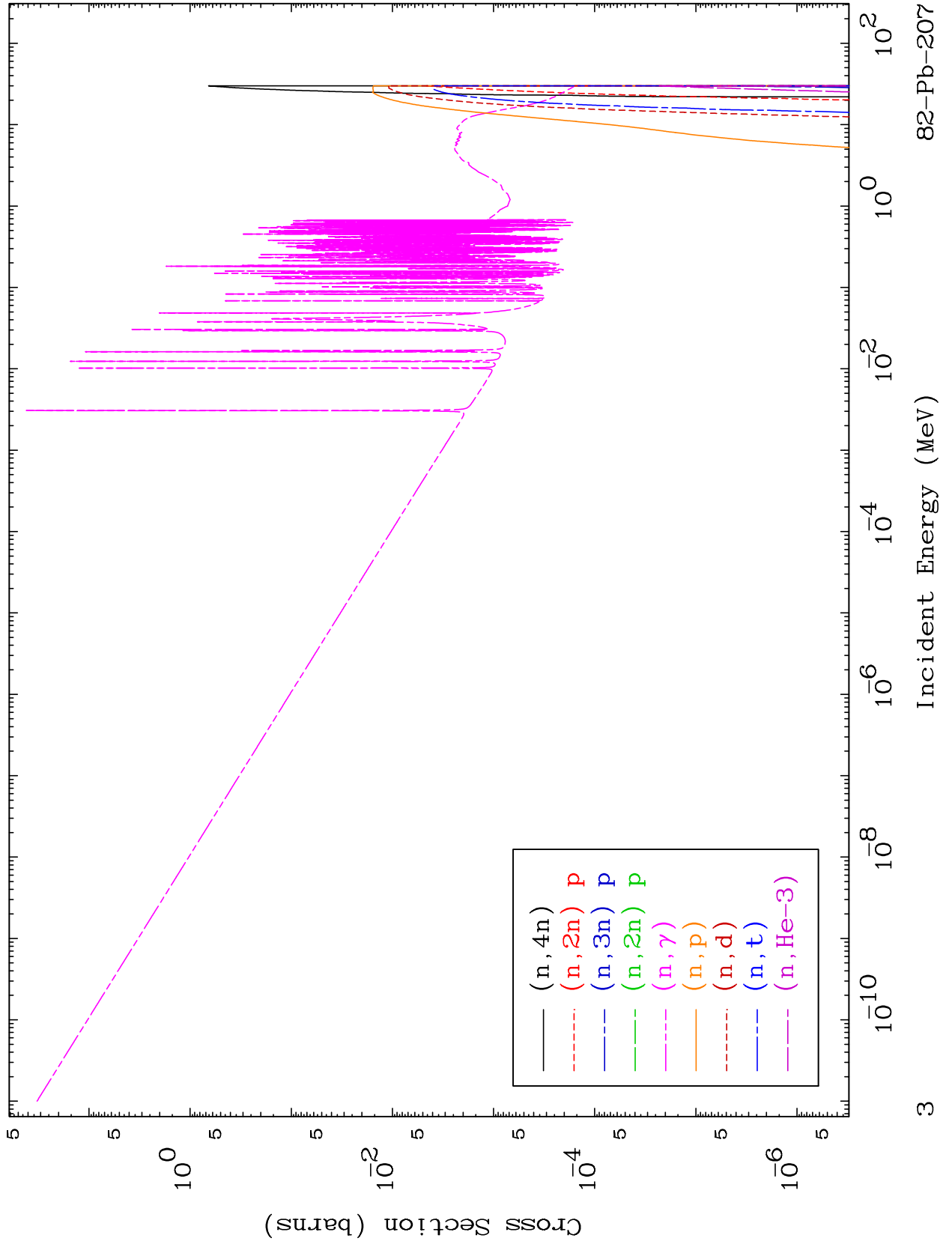
82-Pb-207



MAT 8234

Neutron Absorption
293 Kelvin Cross Sections

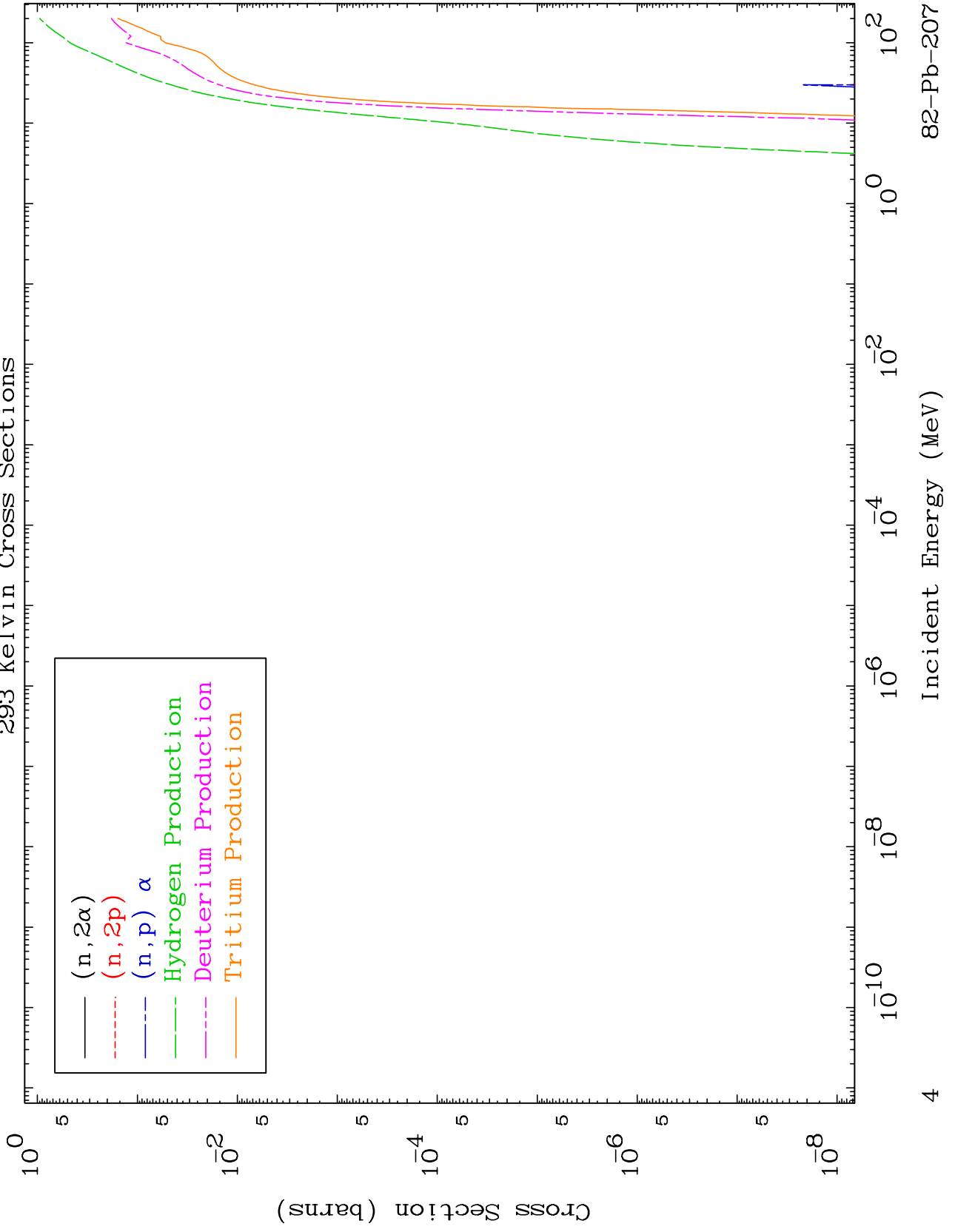
82-Pb-207



MAT 8234

Neutron Absorption
293 Kelvin Cross Sections

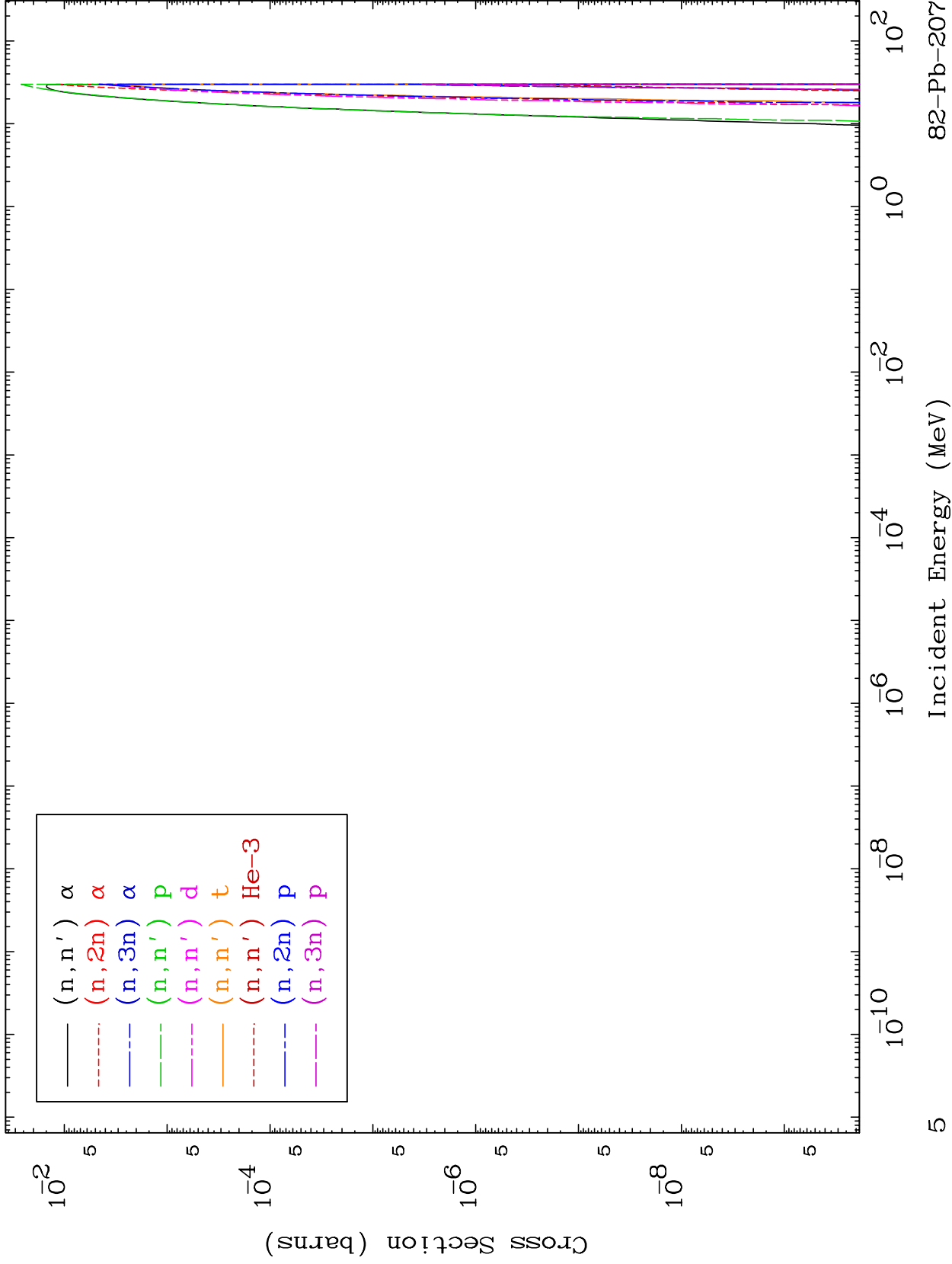
82-Pb-207



MAT 8234

Charged Particle
293 Kelvin Cross Sections

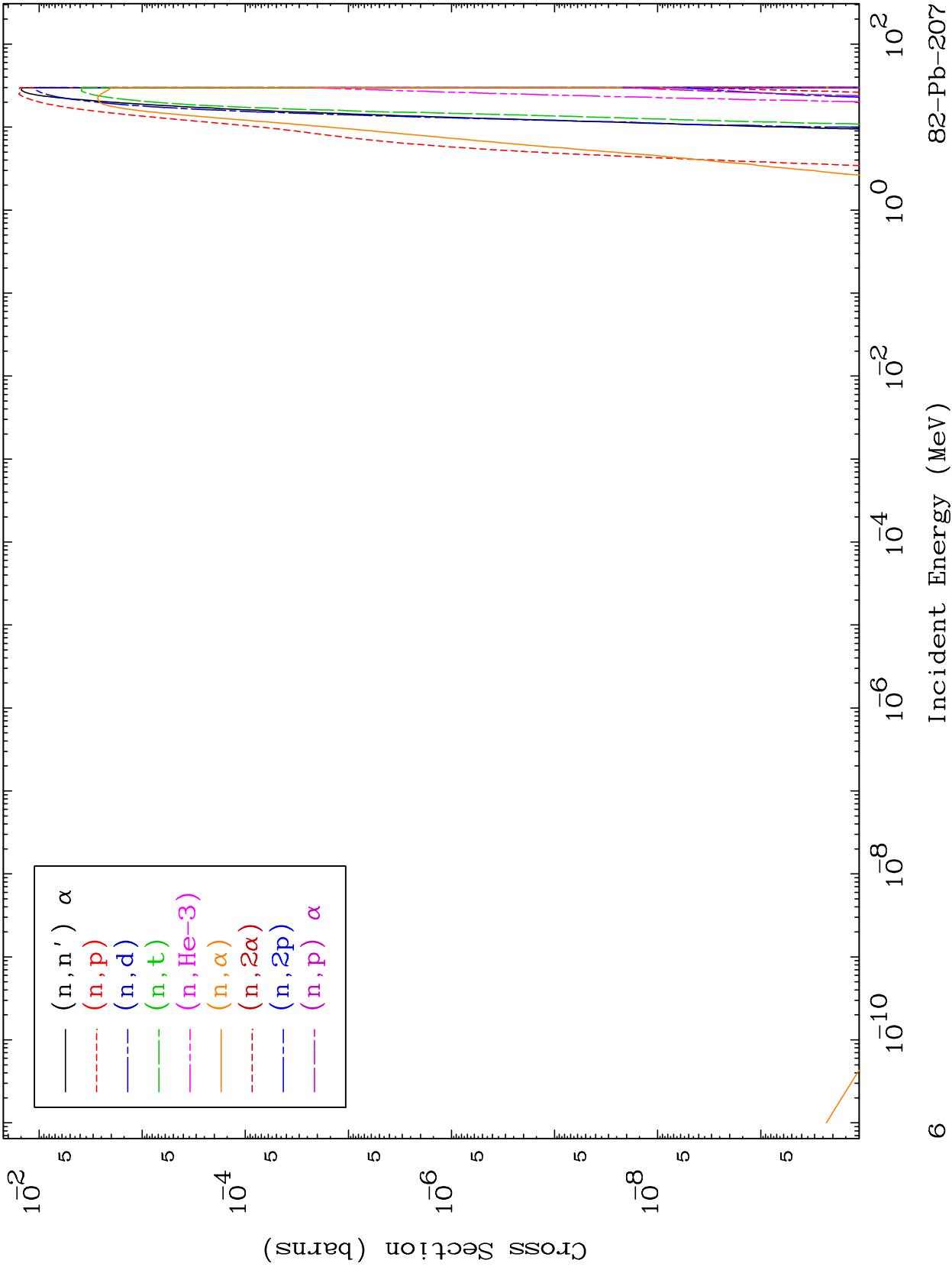
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MAT 8234

Charged Particle
293 Kelvin Cross Sections

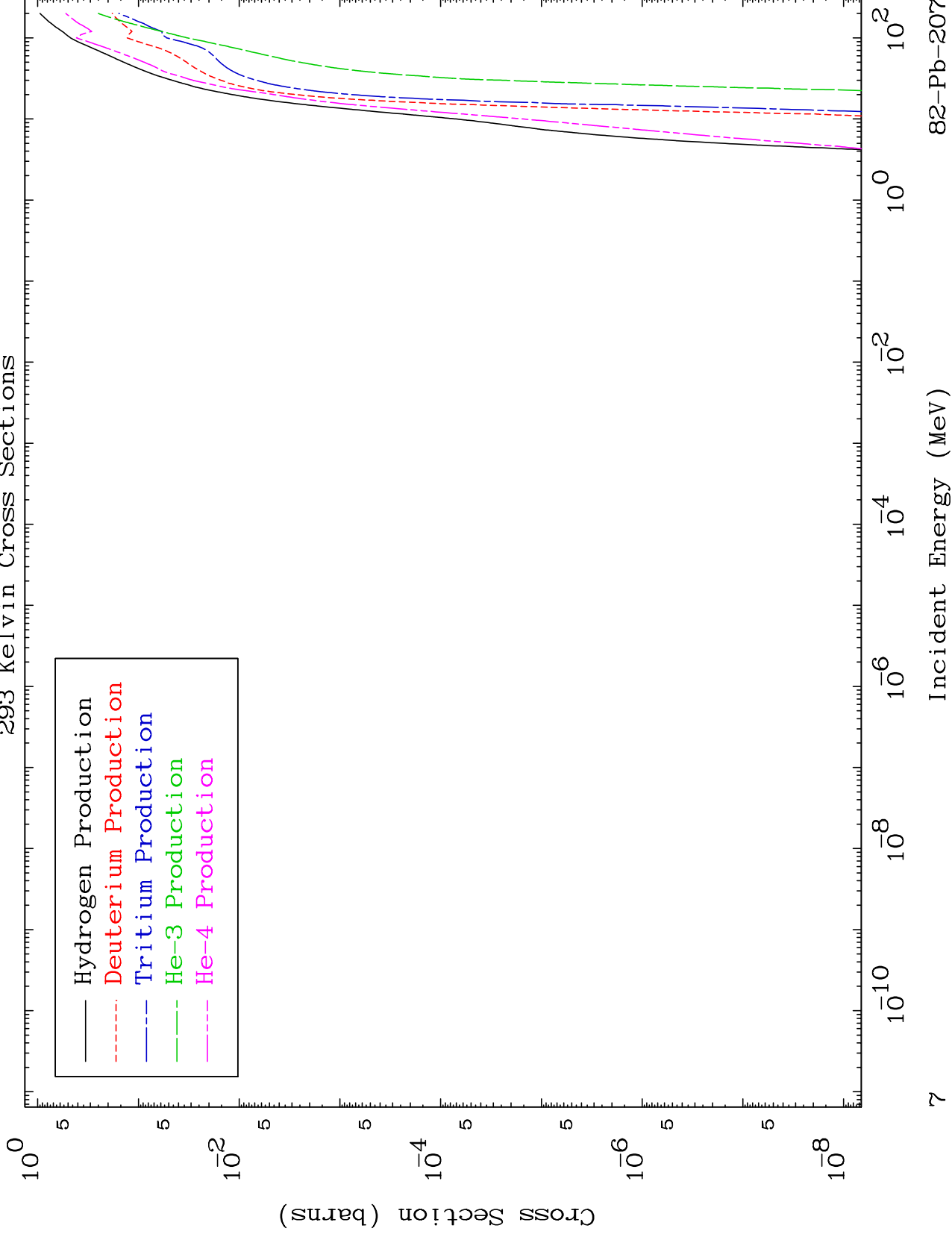
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MAT 8234

Particle Production
293 Kelvin Cross Sections

82-Pb-207

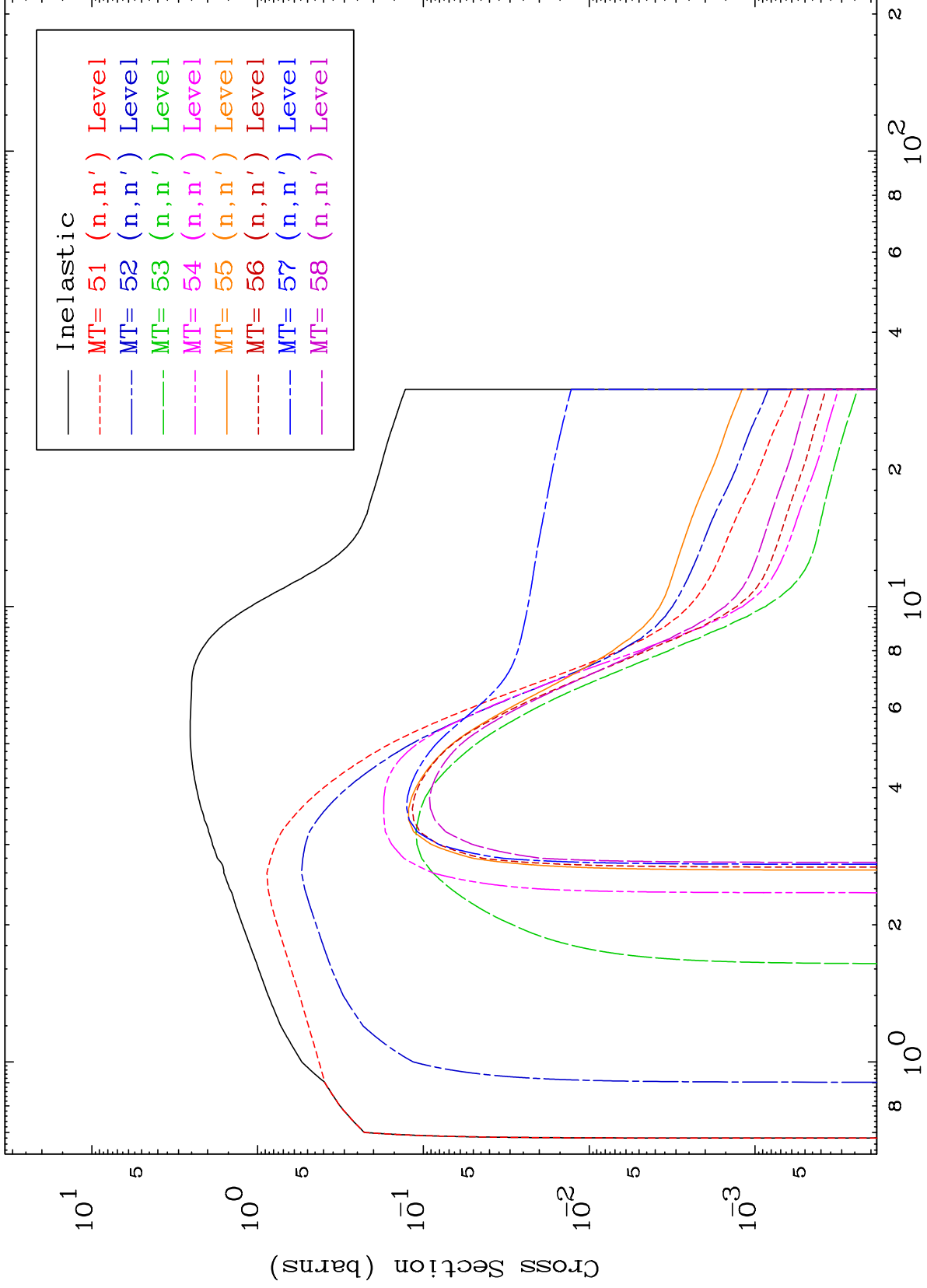


MAT 8234

(n,n') Levels

82-Pb-207

293 Kelvin Cross Sections



8

Incident Energy (MeV)

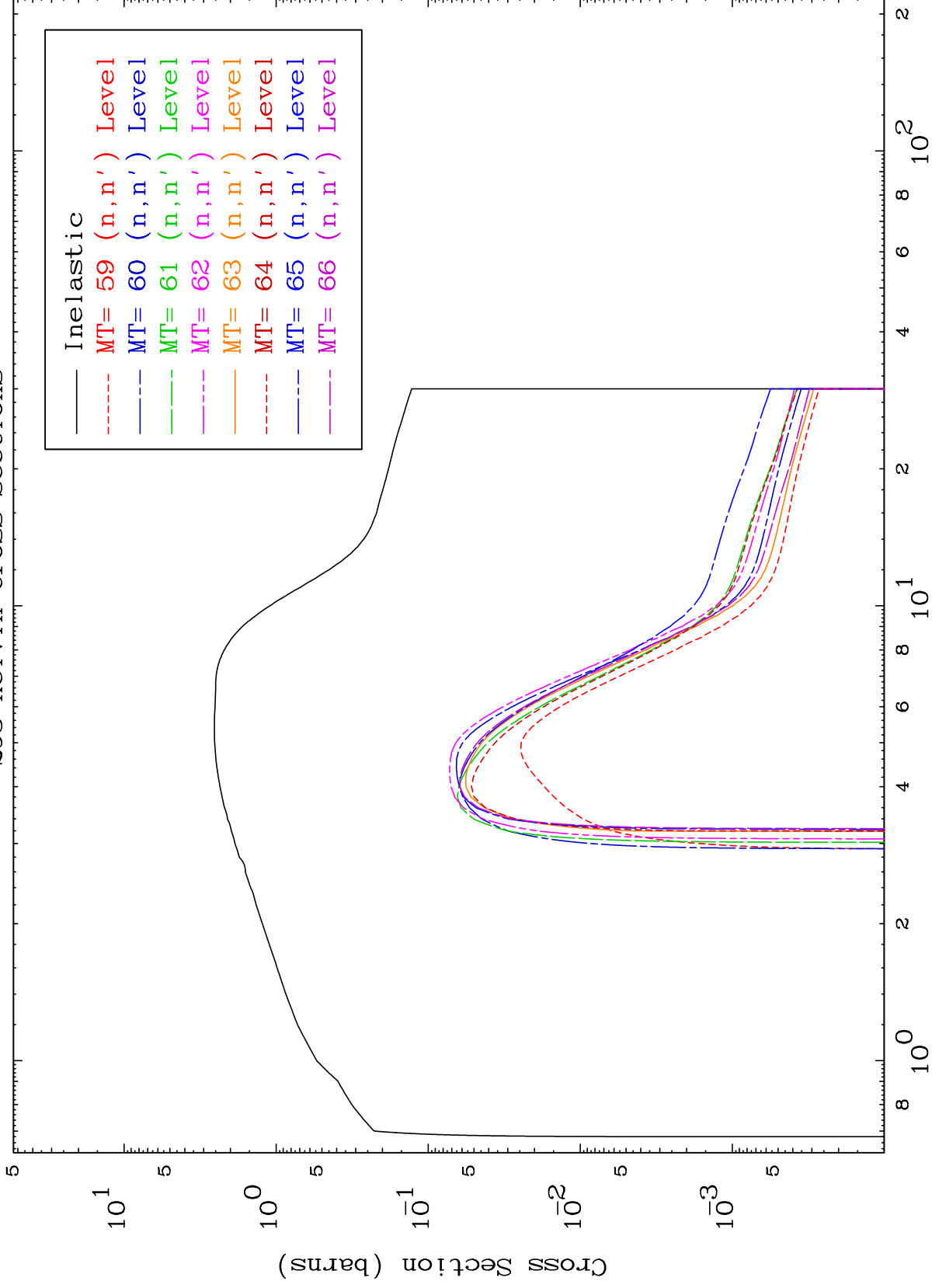
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MAT 8234

(n,n') Levels

82-Pb-207

293 Kelvin Cross Sections



9

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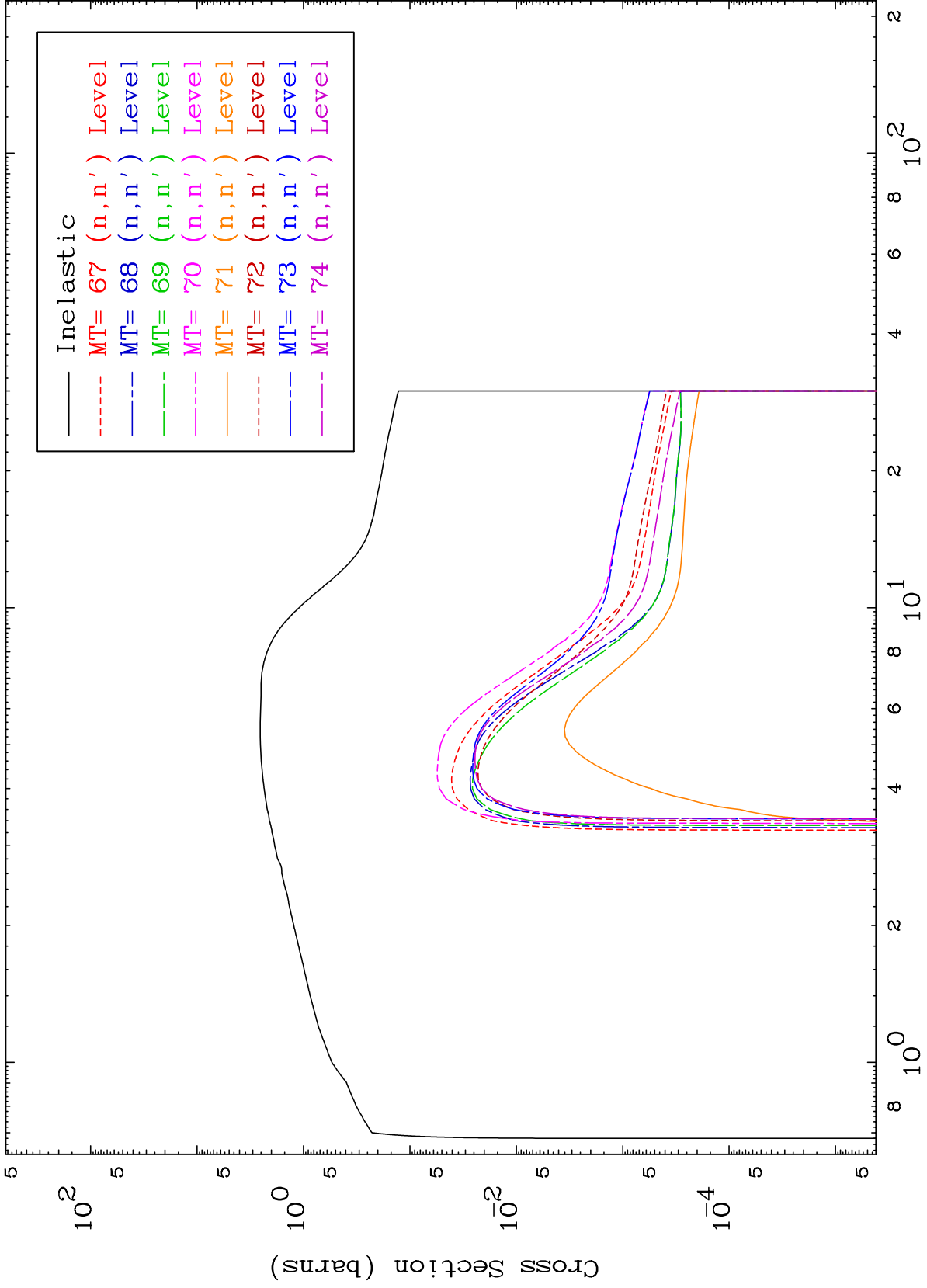
82-Pb-207

MAT 8234

(n,n') Levels

82-Pb-207

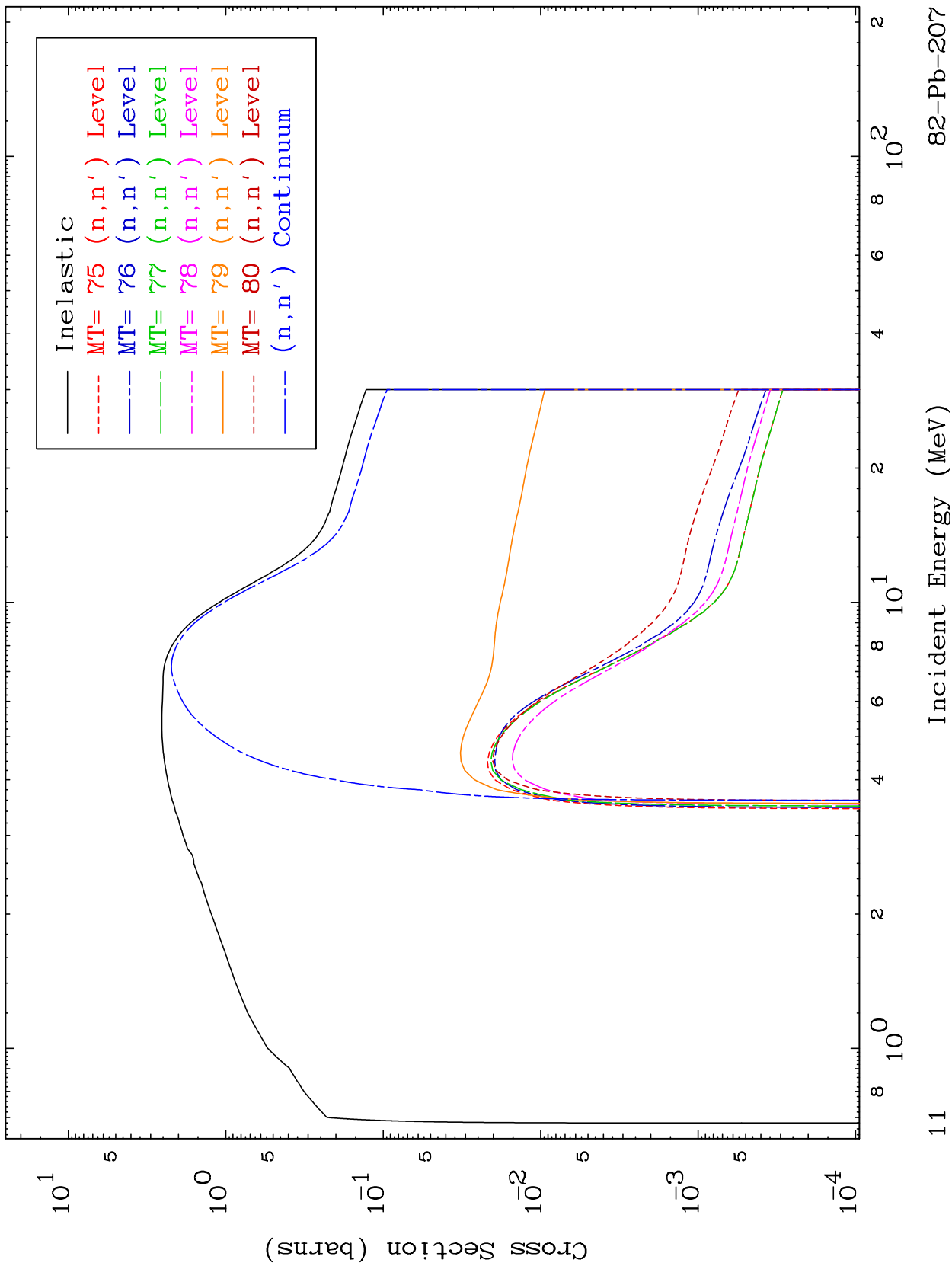
293 Kelvin Cross Sections



10

Incident Energy (MeV)

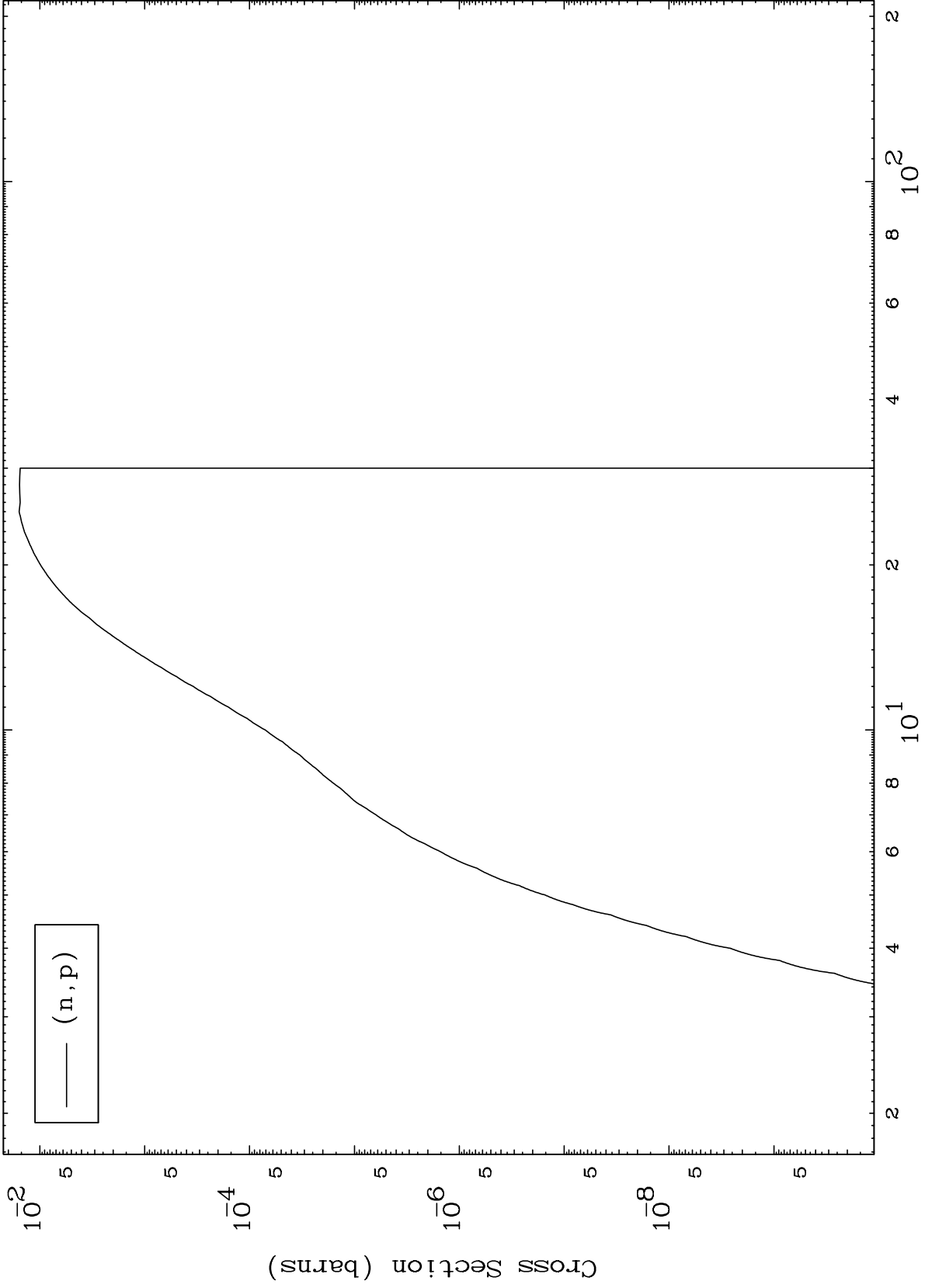
82-Pb-207



MAT 8234

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-207



(n,p)

12

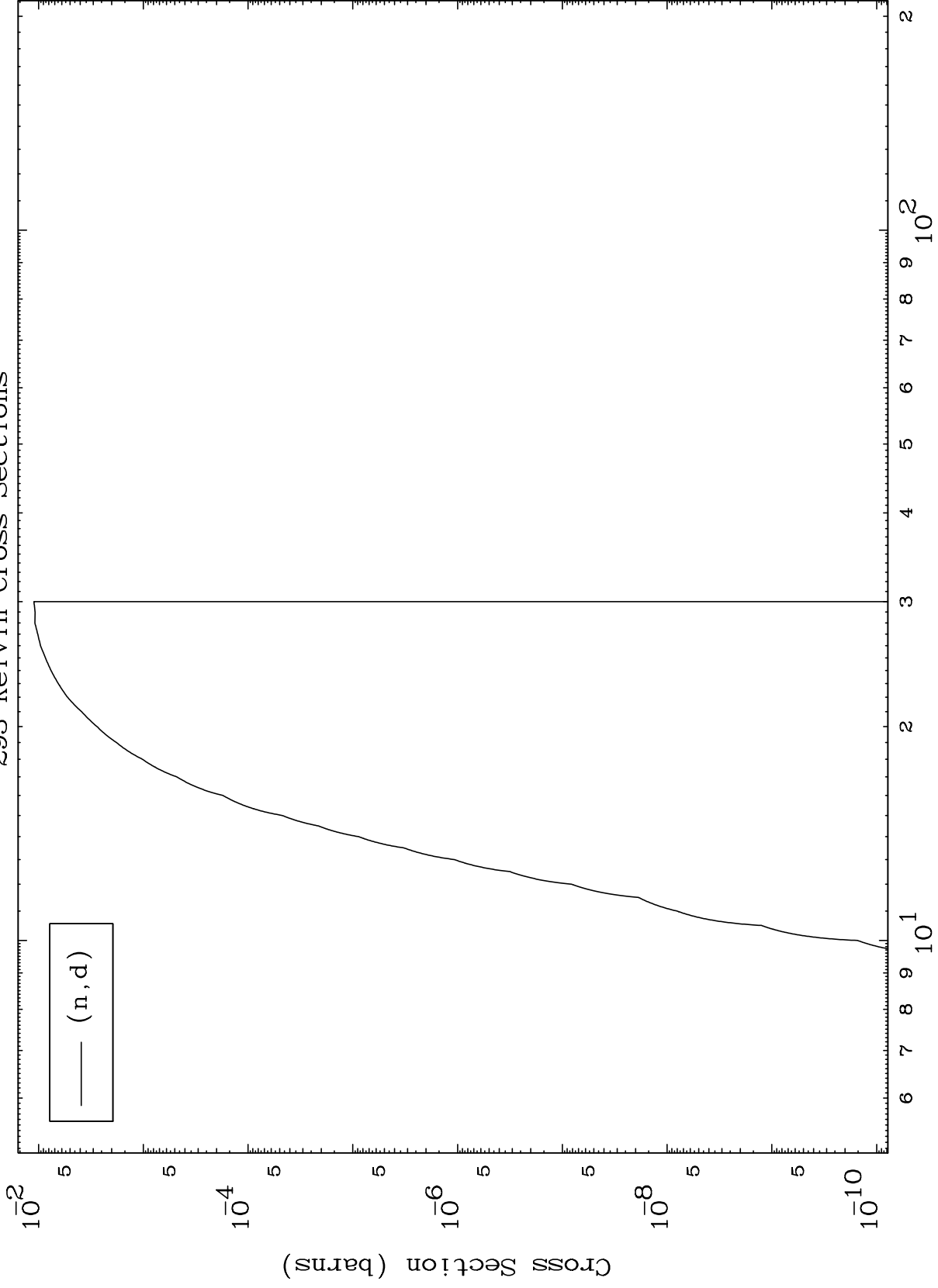
Incident Energy (MeV)

82-Pb-207

MAT 8234

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-207



13

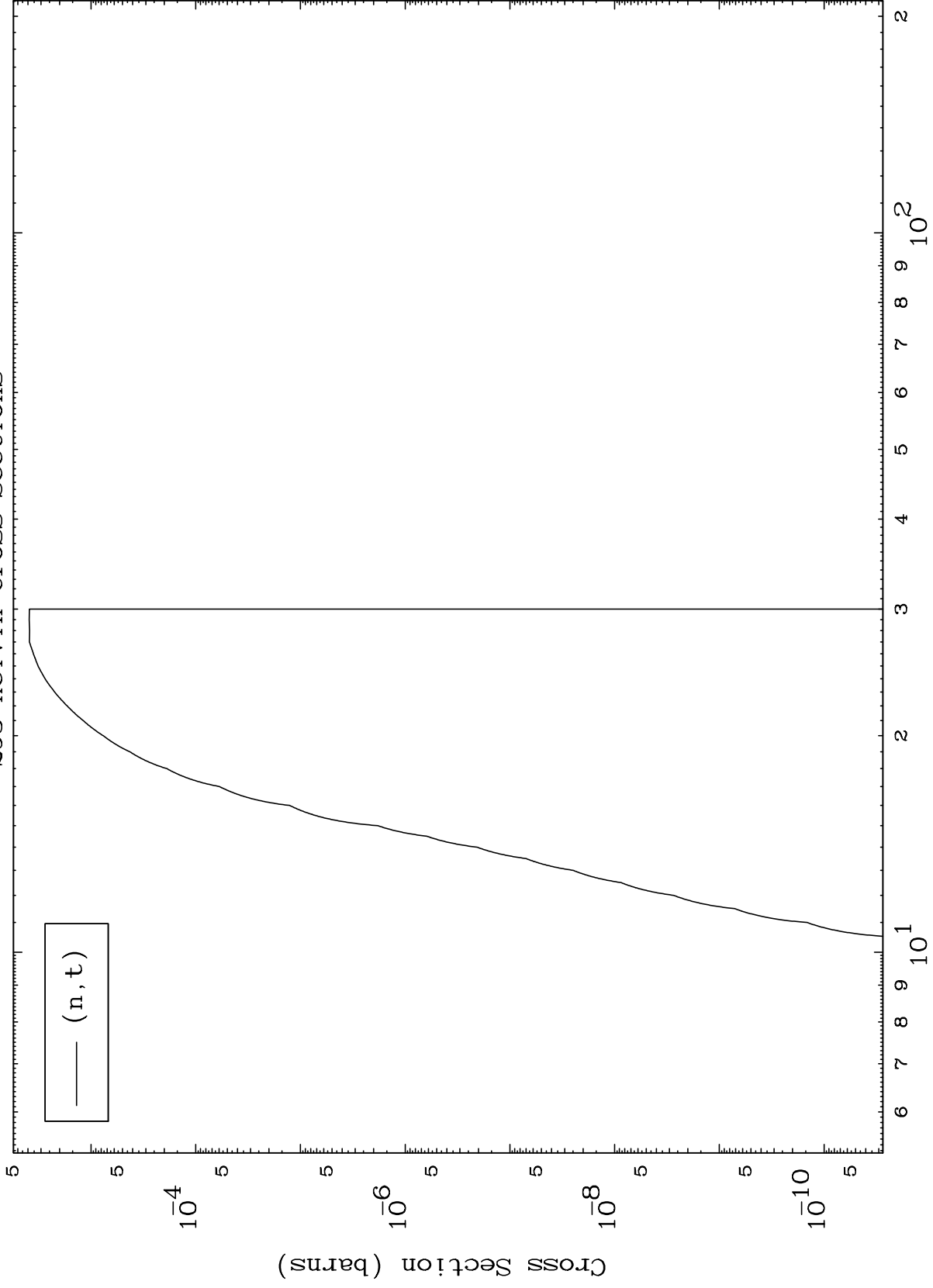
Incident Energy (MeV)

82-Pb-207

MAT 8234

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-207



14

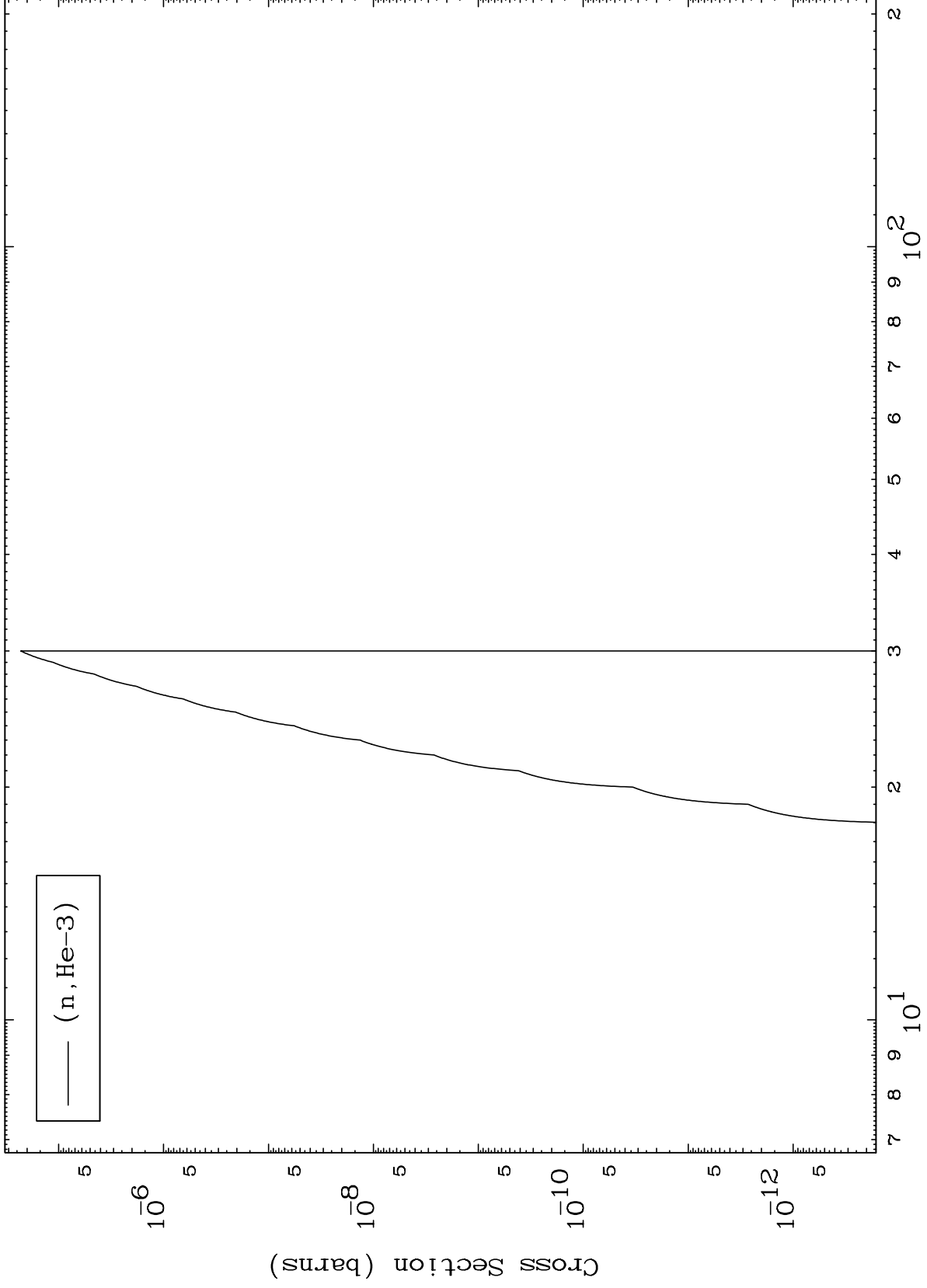
Incident Energy (MeV)

82-Pb-207

MAT 8234

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-207



15

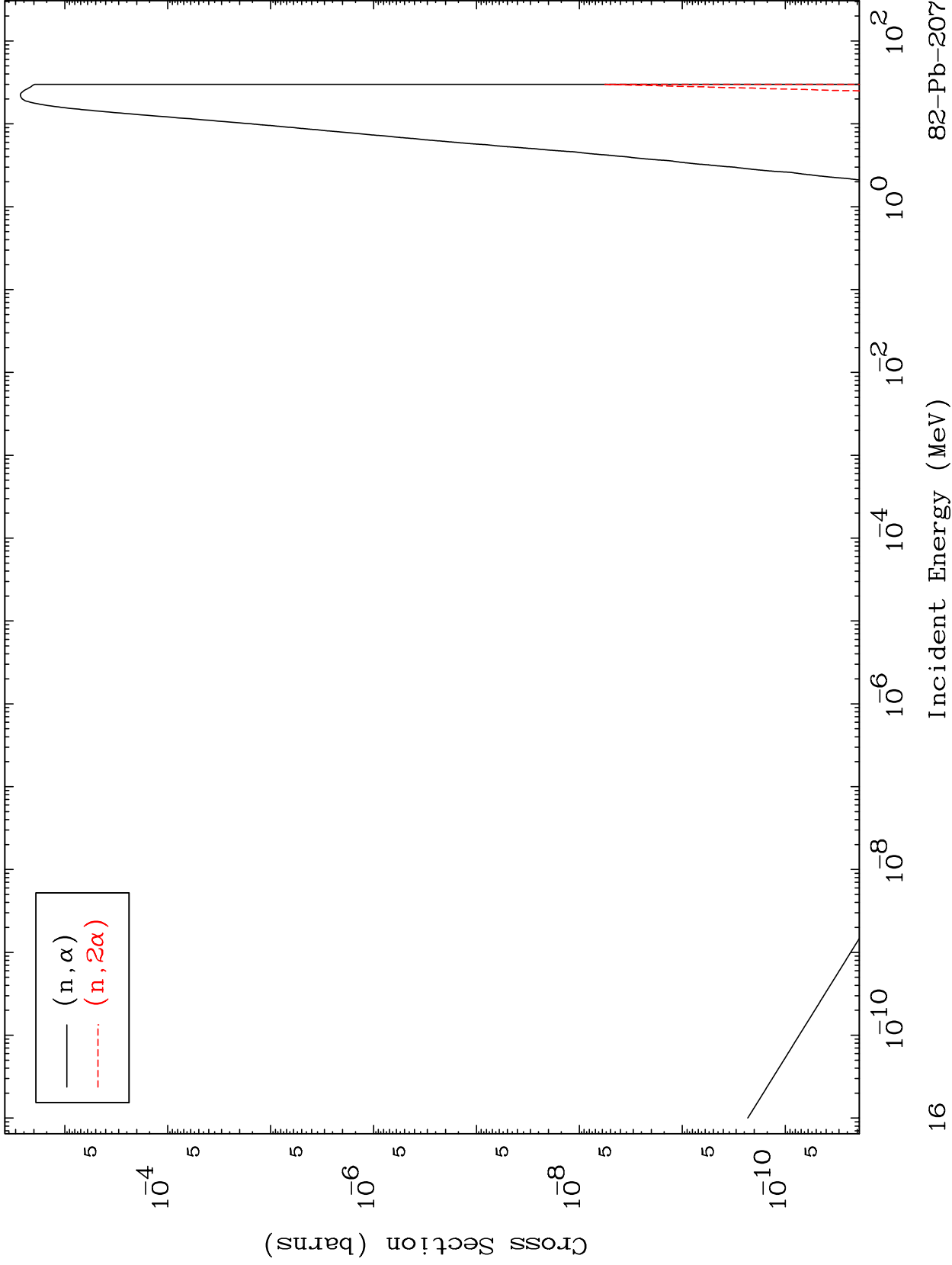
Incident Energy (MeV)

82-Pb-207

MAT 8234

(n, α) Levels
293 Kelvin Cross Sections

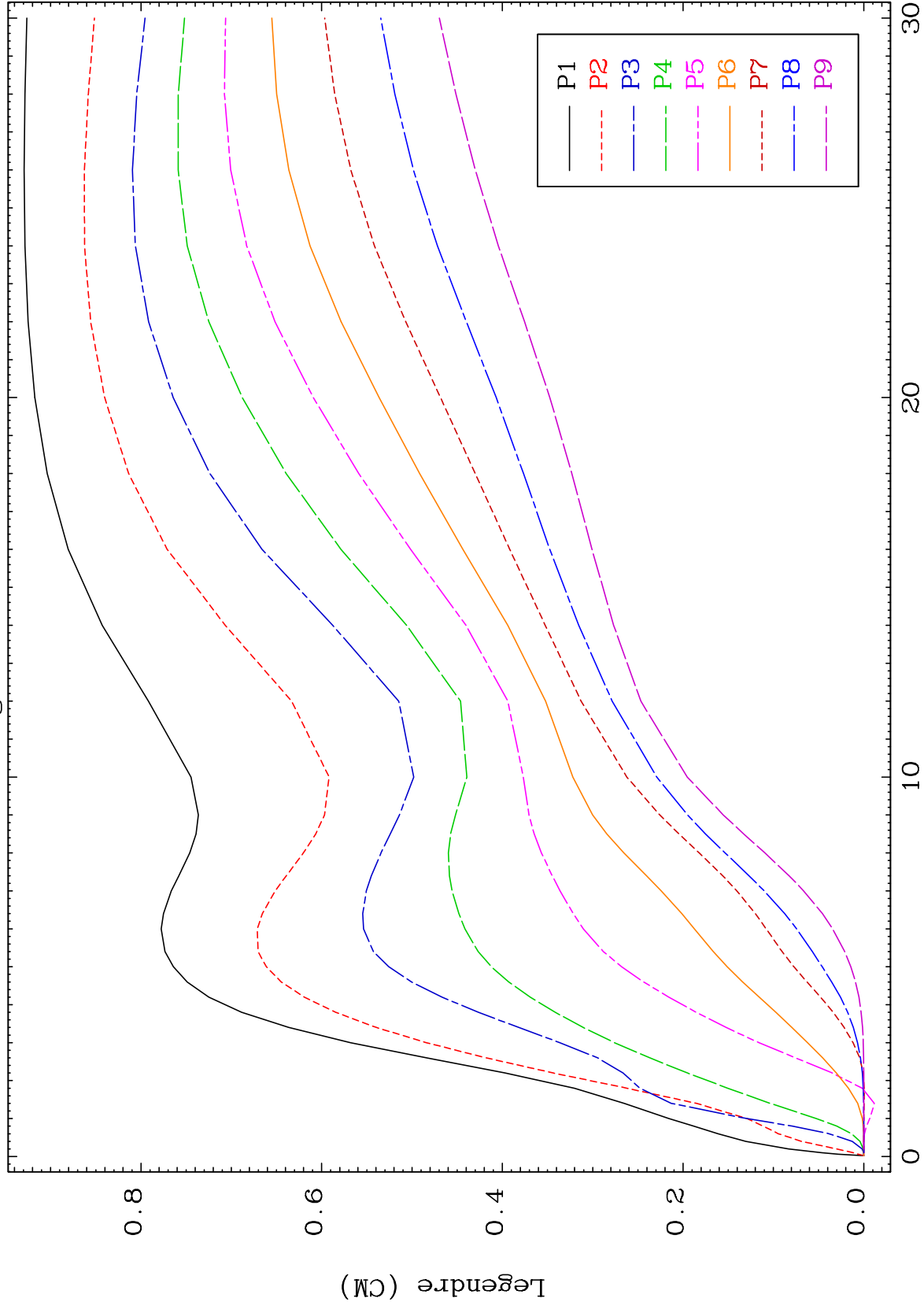
82-Pb-207



MAT 8234

Elastic Legendre Coefficients

82-Pb-207



17

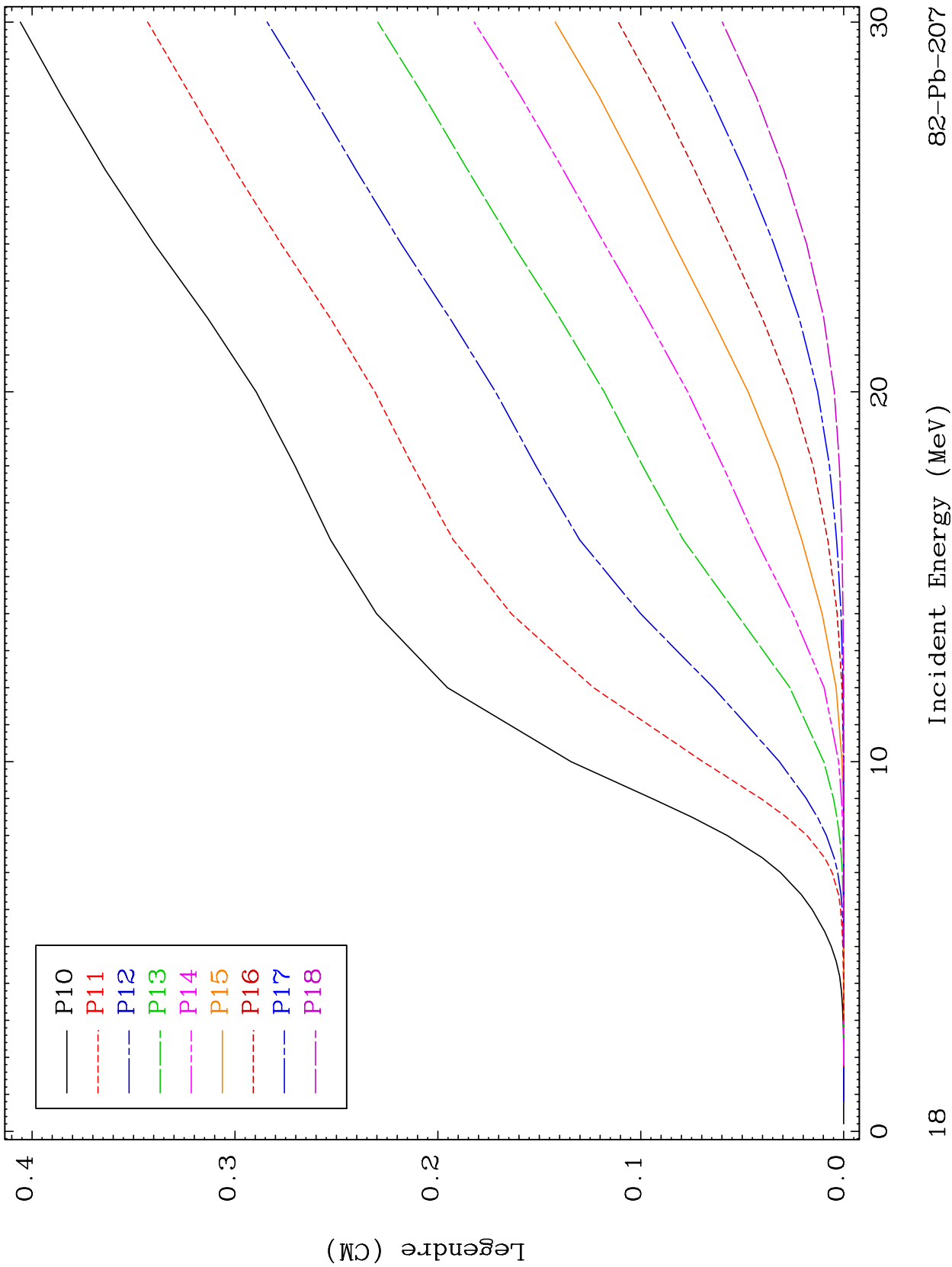
Incident Energy (MeV)

82-Pb-207

MAT 8234

Elastic Legendre Coefficients

82-Pb-207

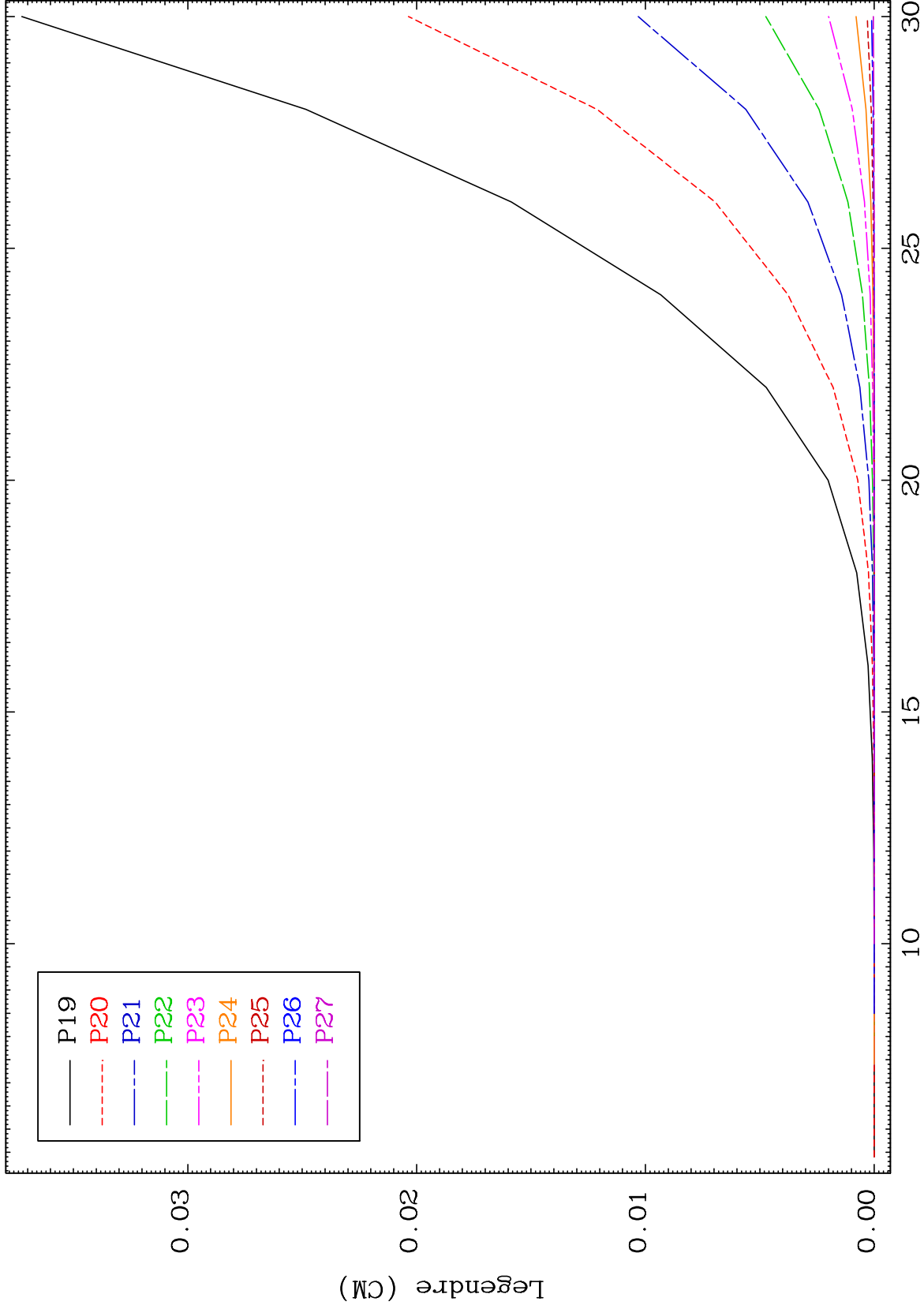


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MAT 8234

Elastic Legendre Coefficients

82-Pb-207



19

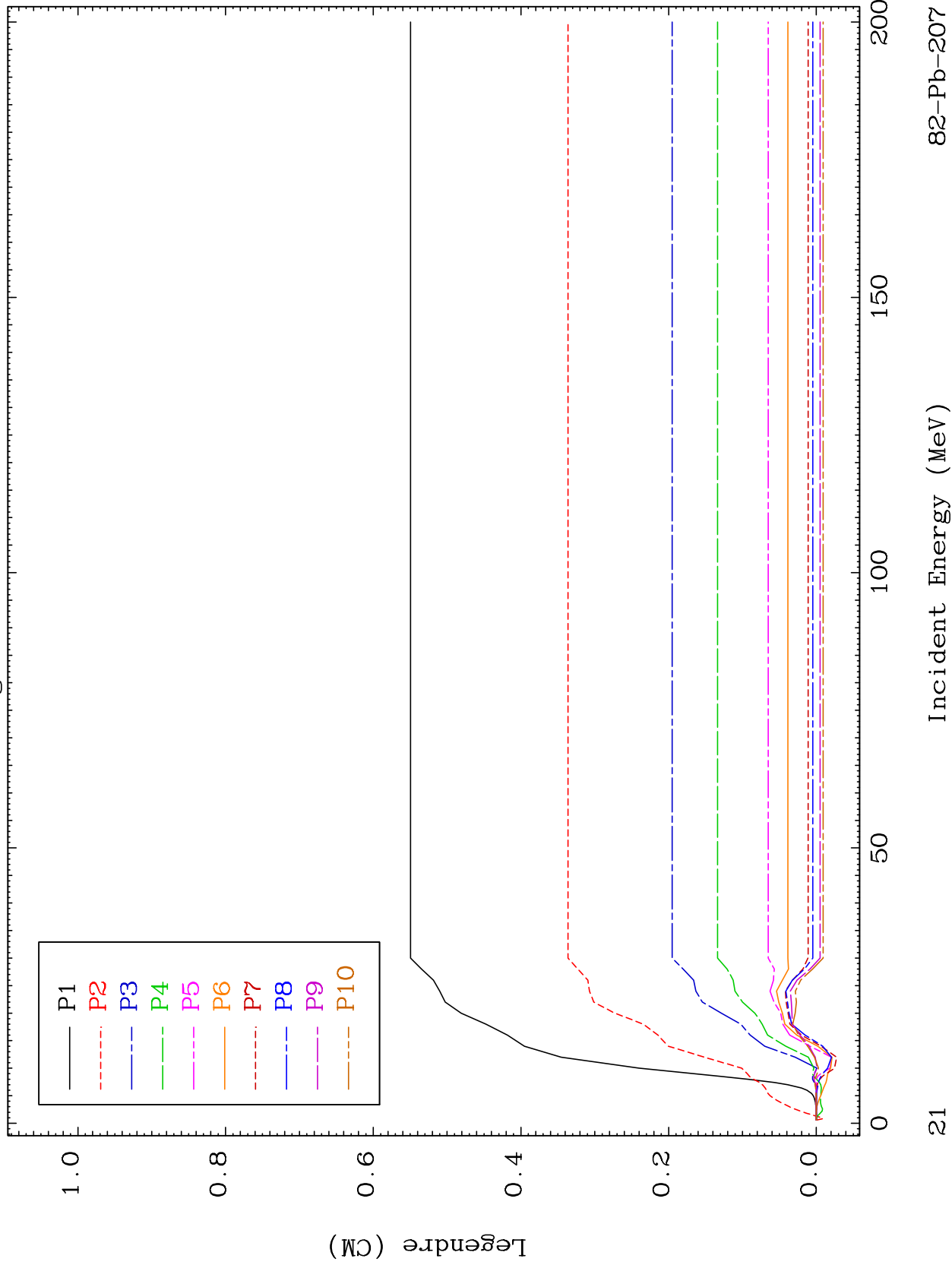
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



21

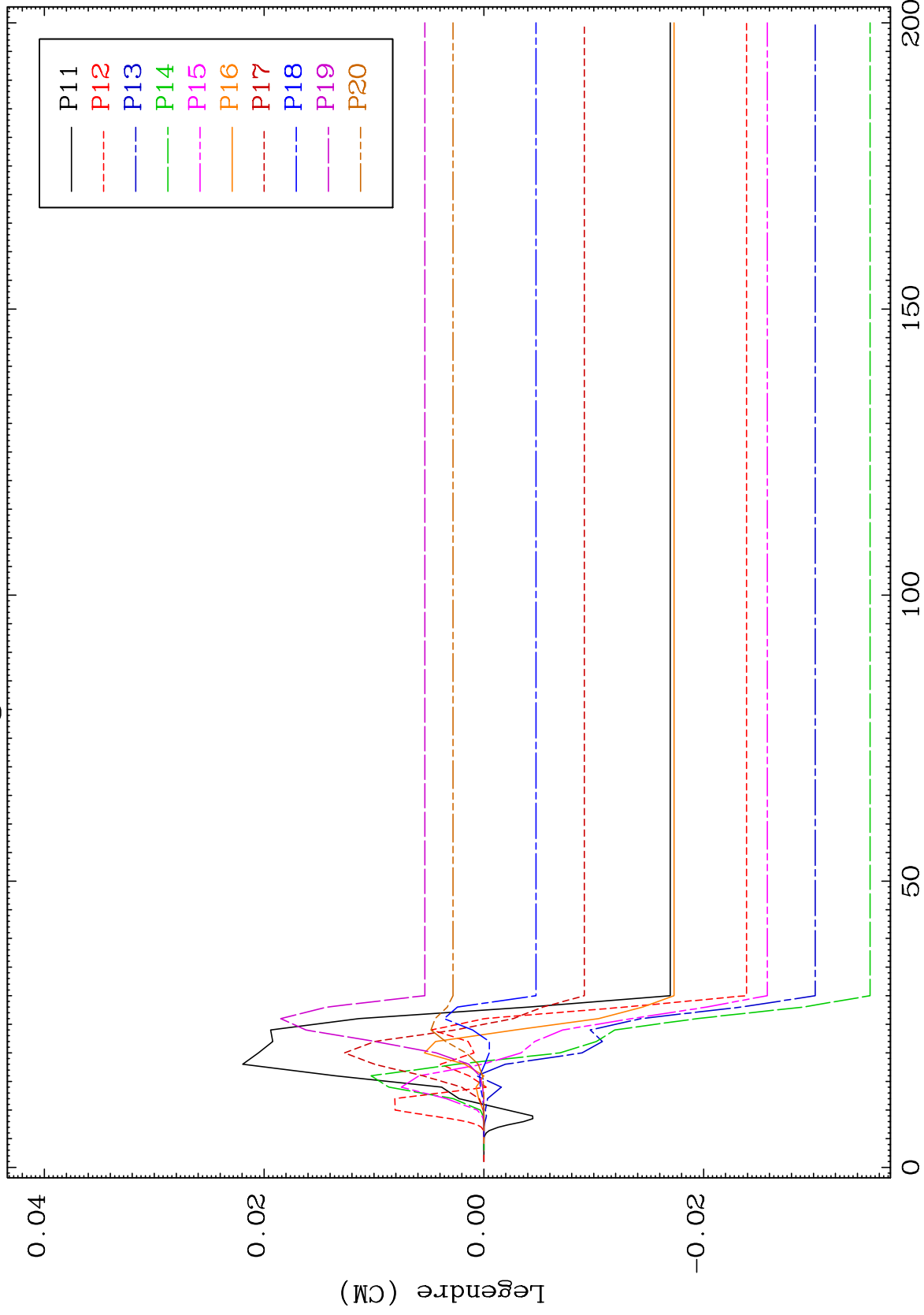
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



22

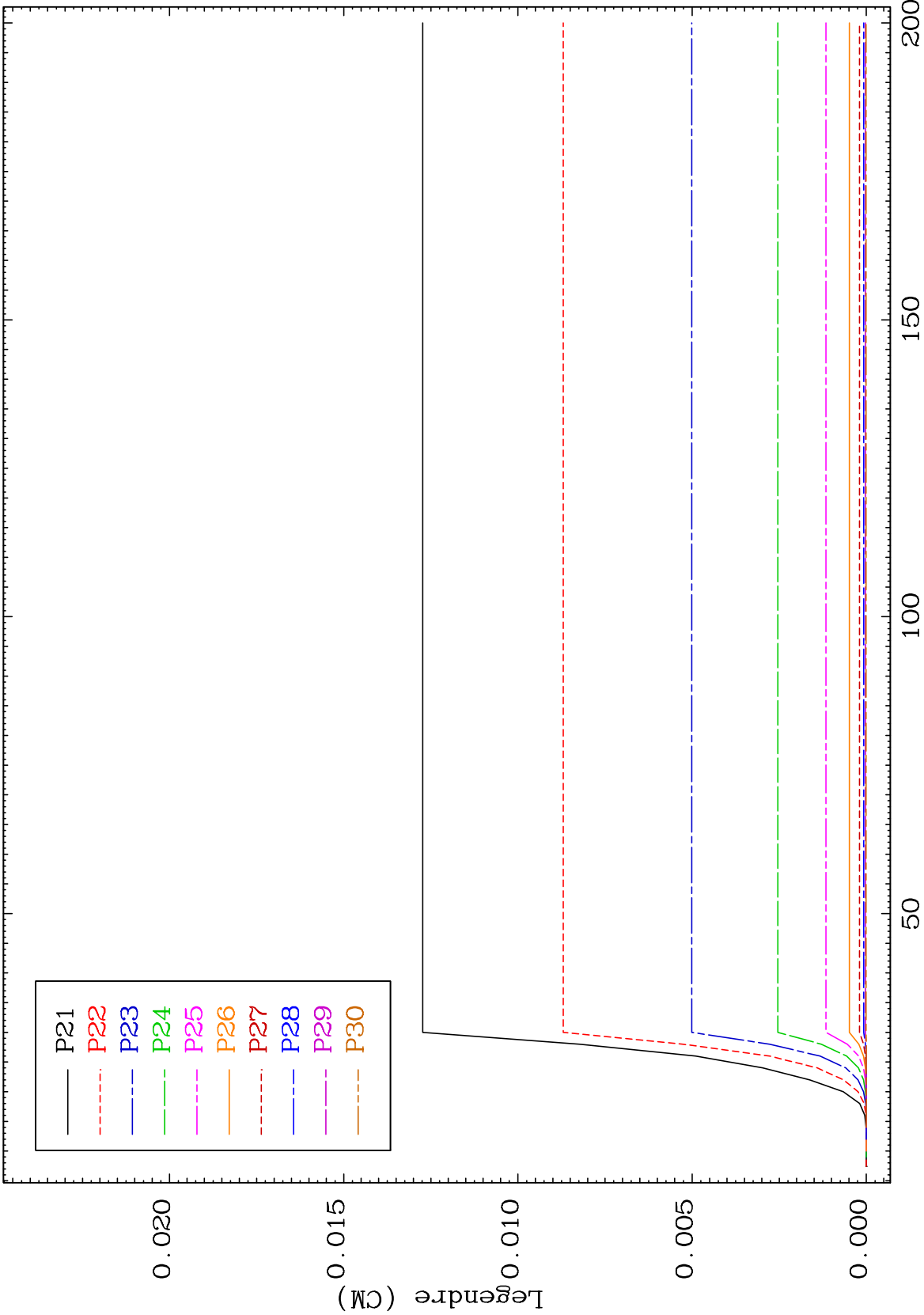
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

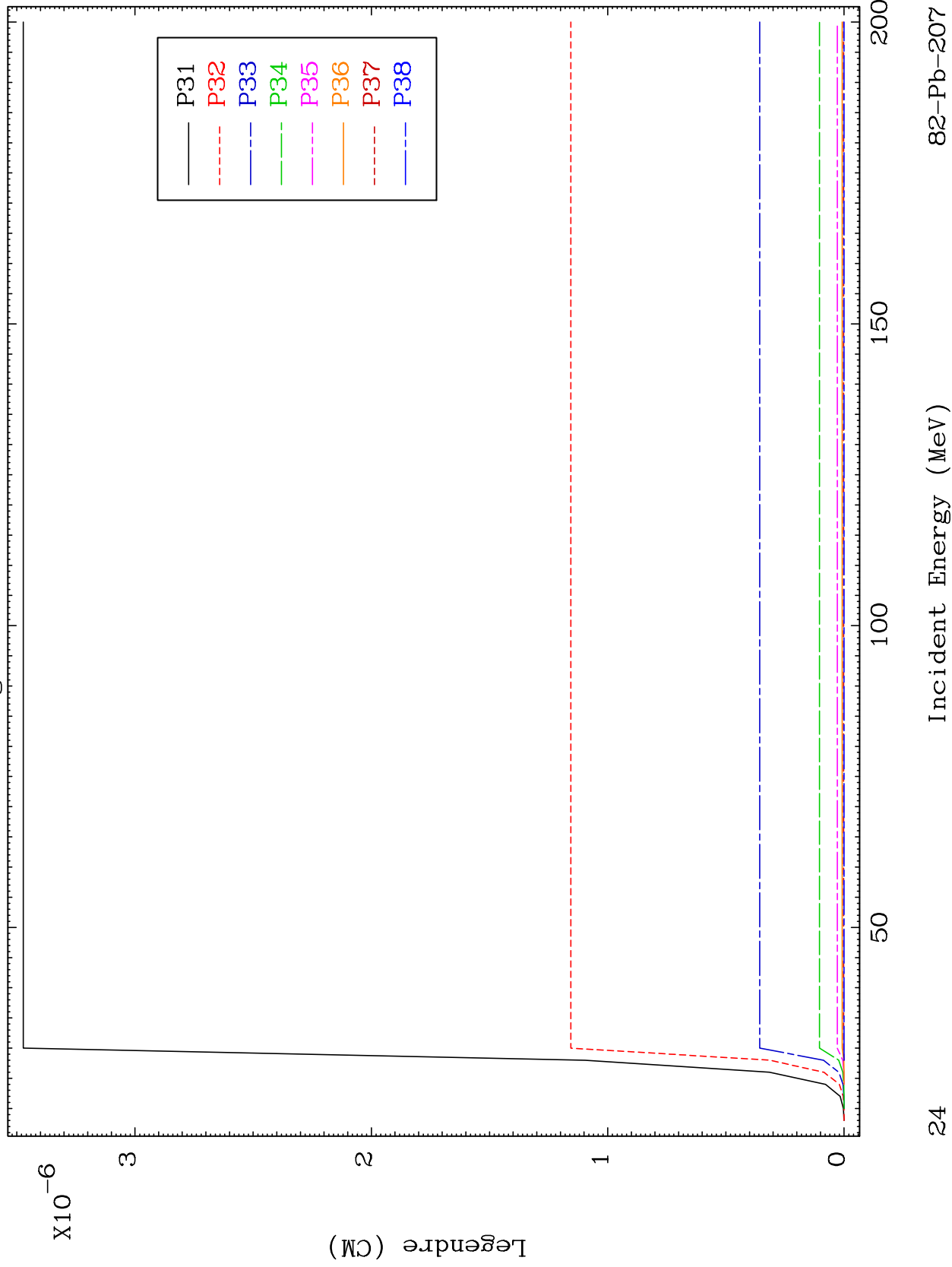
82-Pb-207



MAT 8234

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

82-Pb-207



24

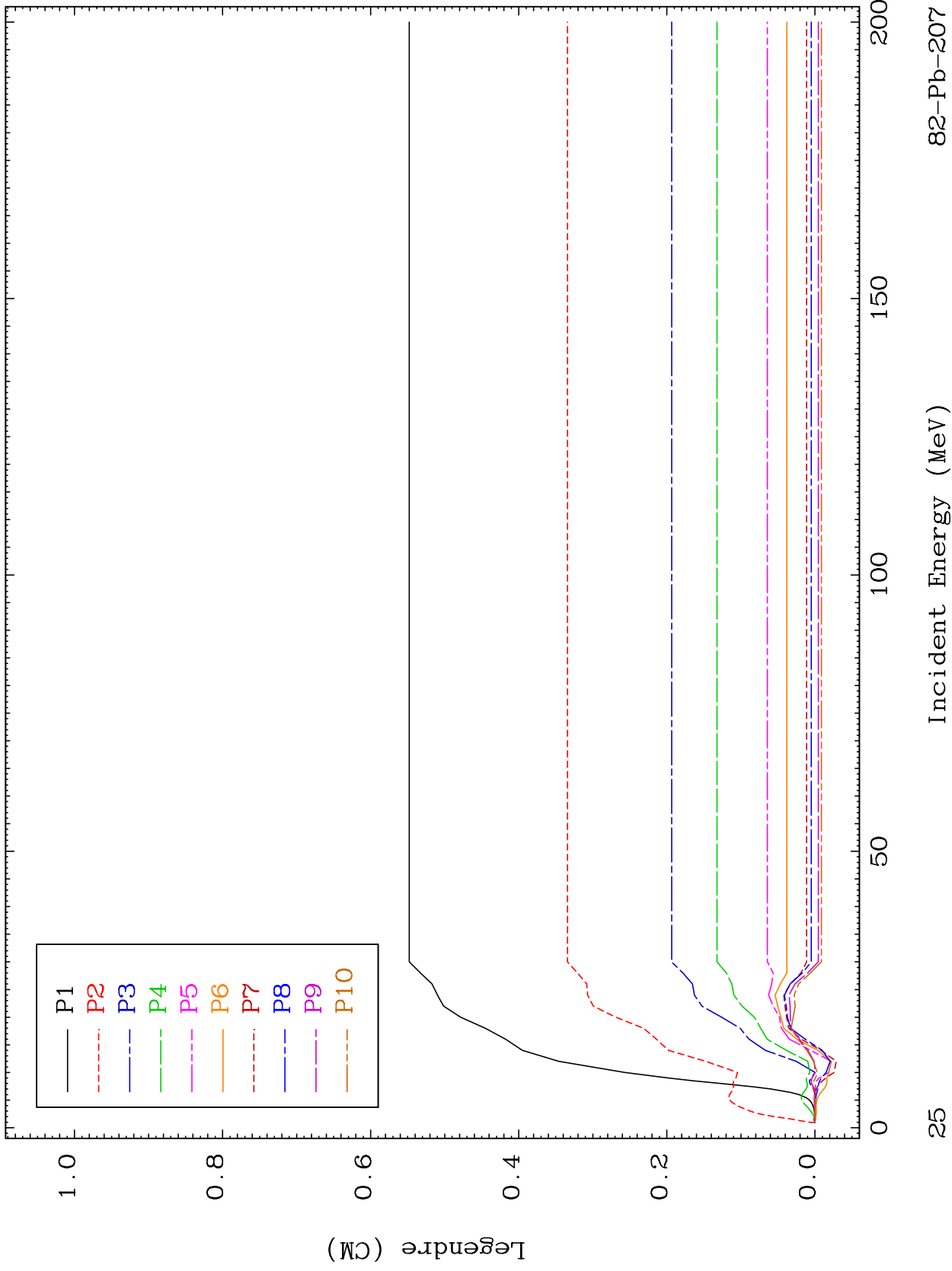
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



82-Pb-207

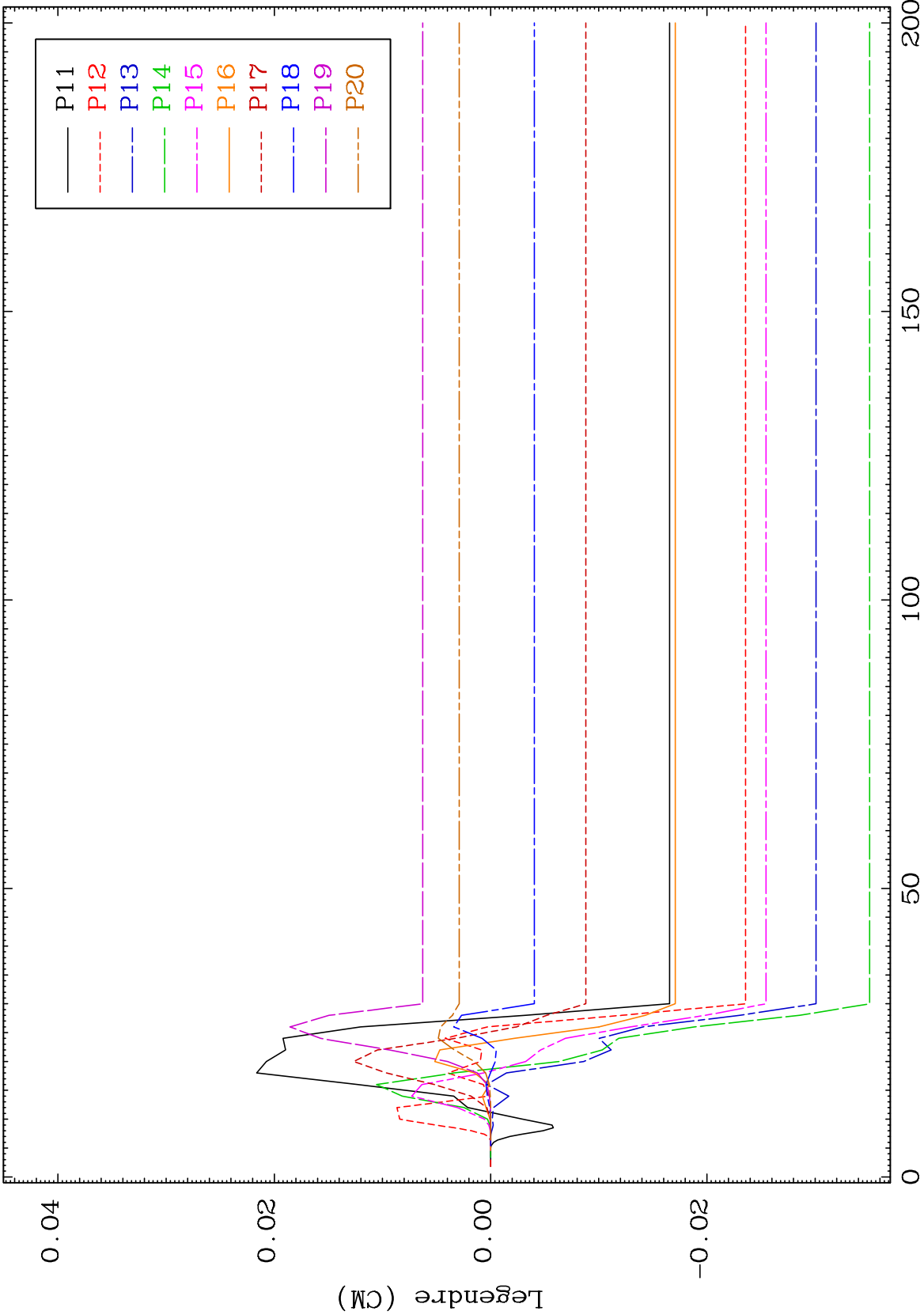
Incident Energy (MeV)

25

MAT 8234

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

82-Pb-207



26

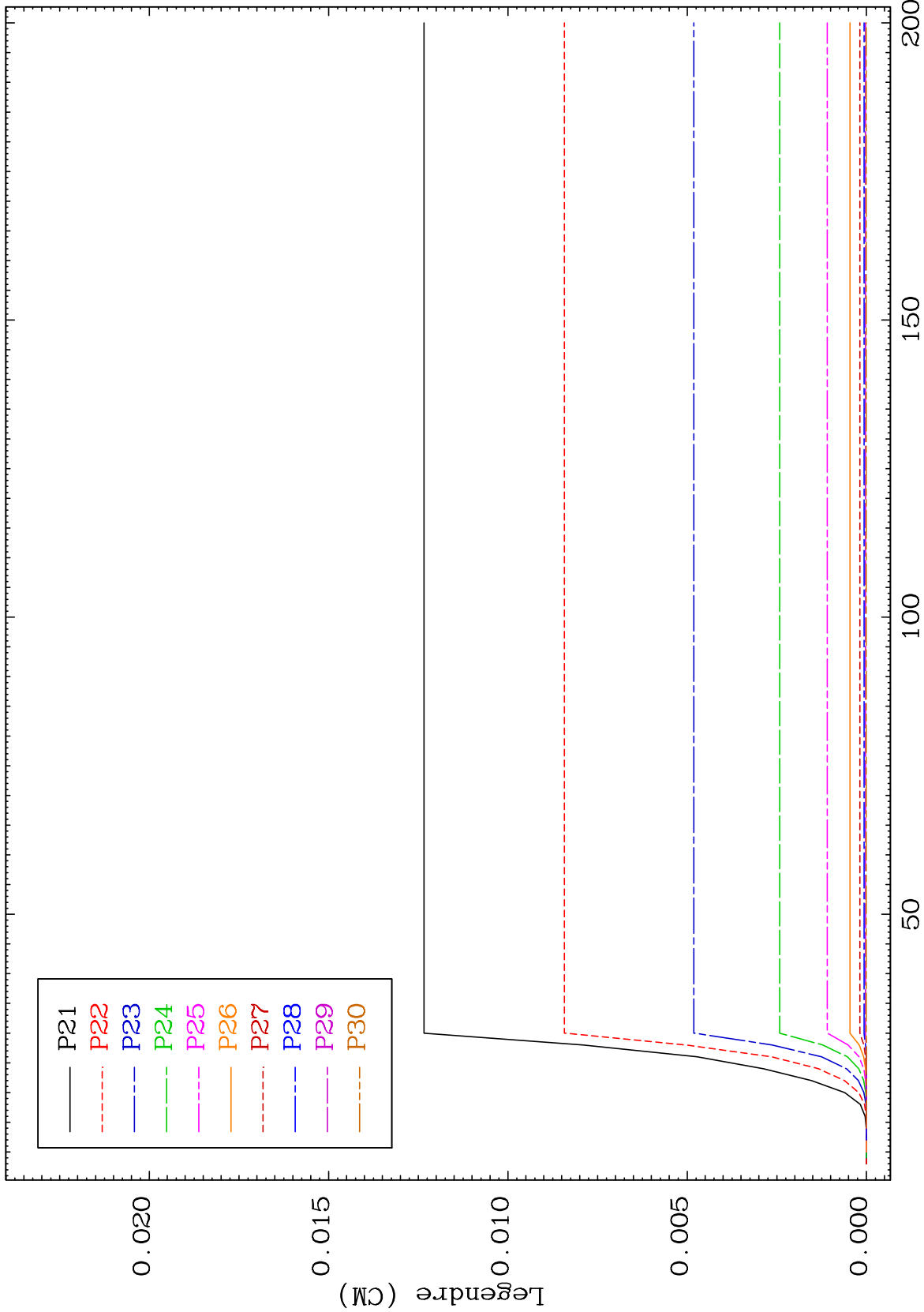
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

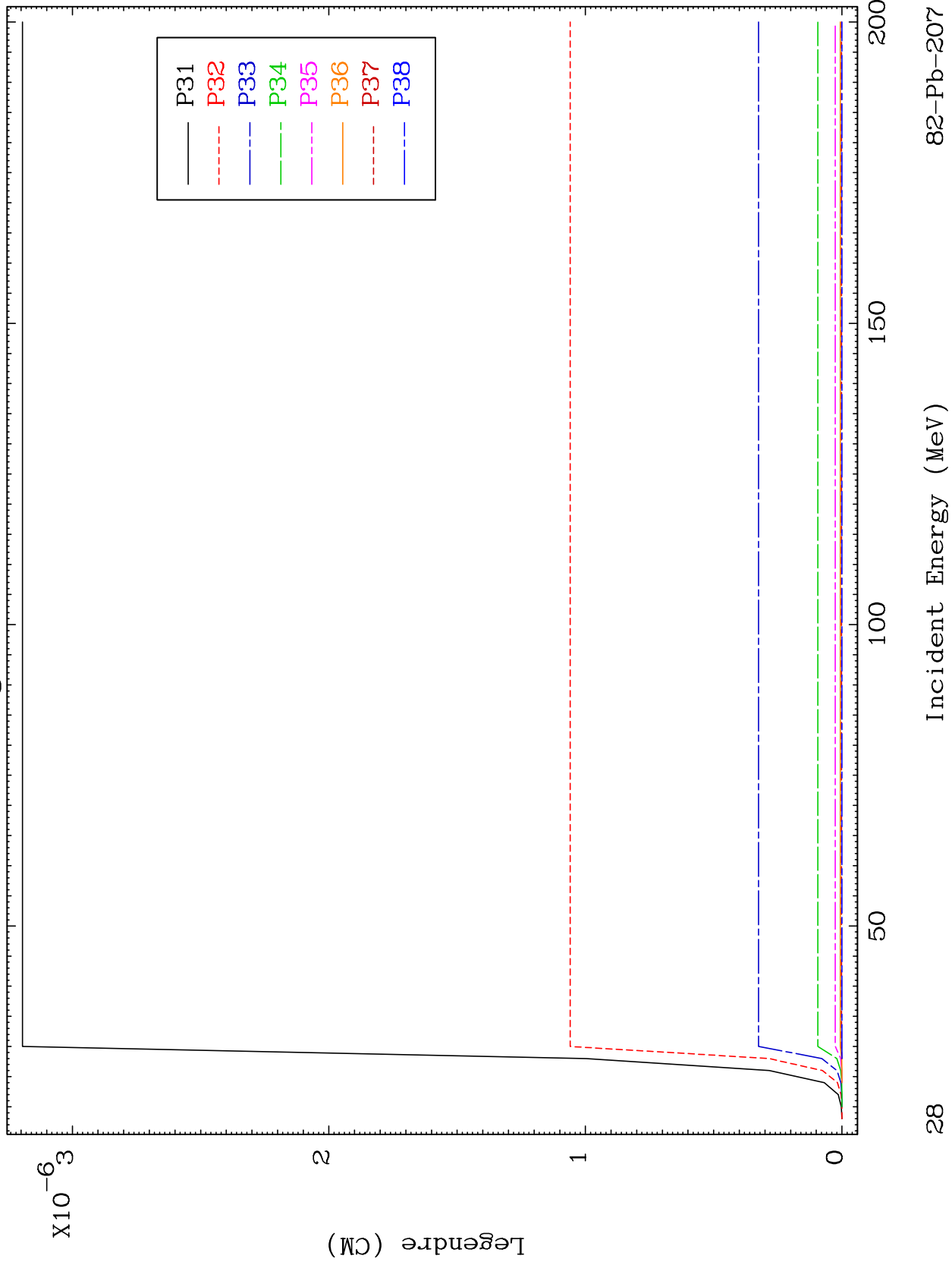
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MAT 8234

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

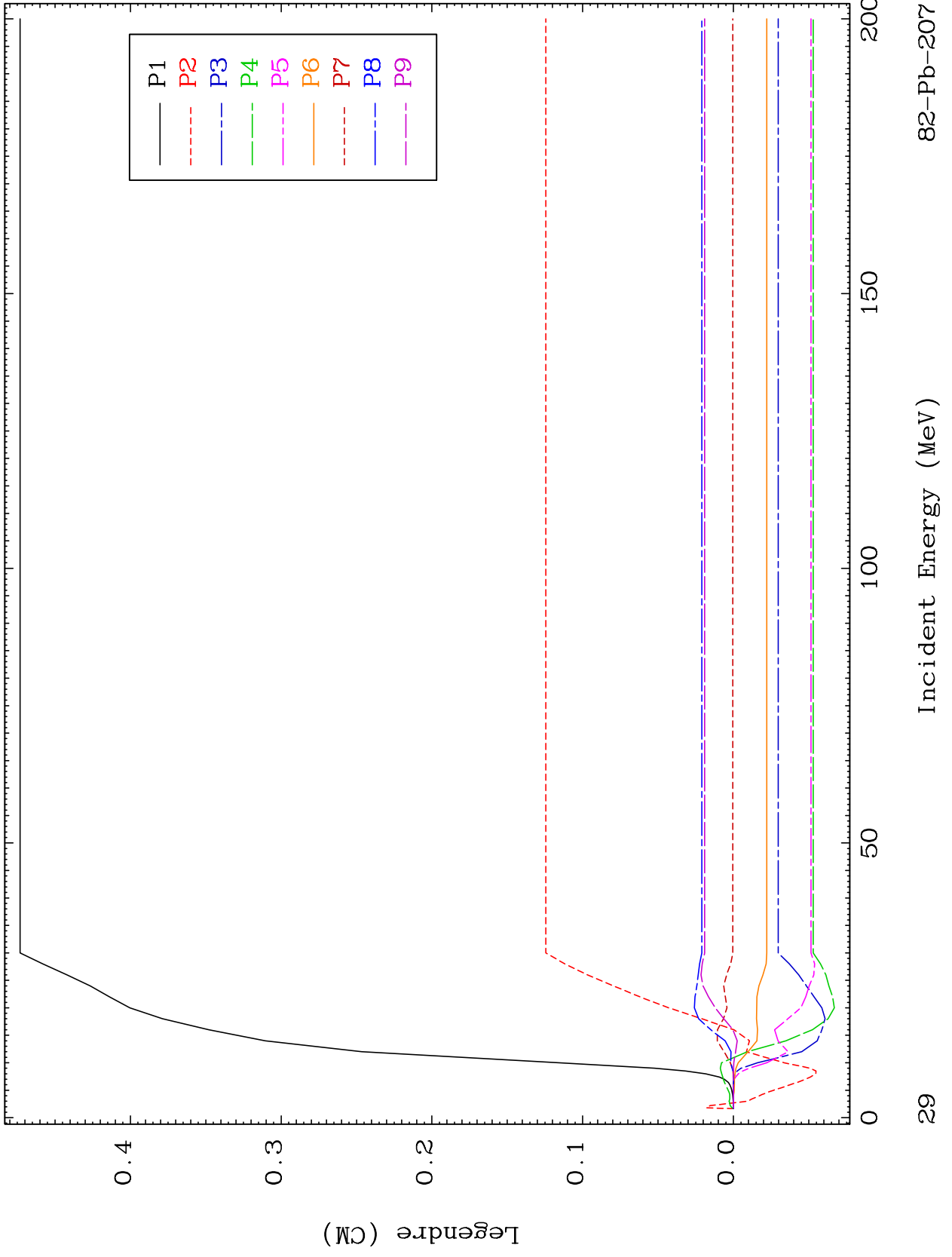
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MAT 8234

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

82-Pb-207



29

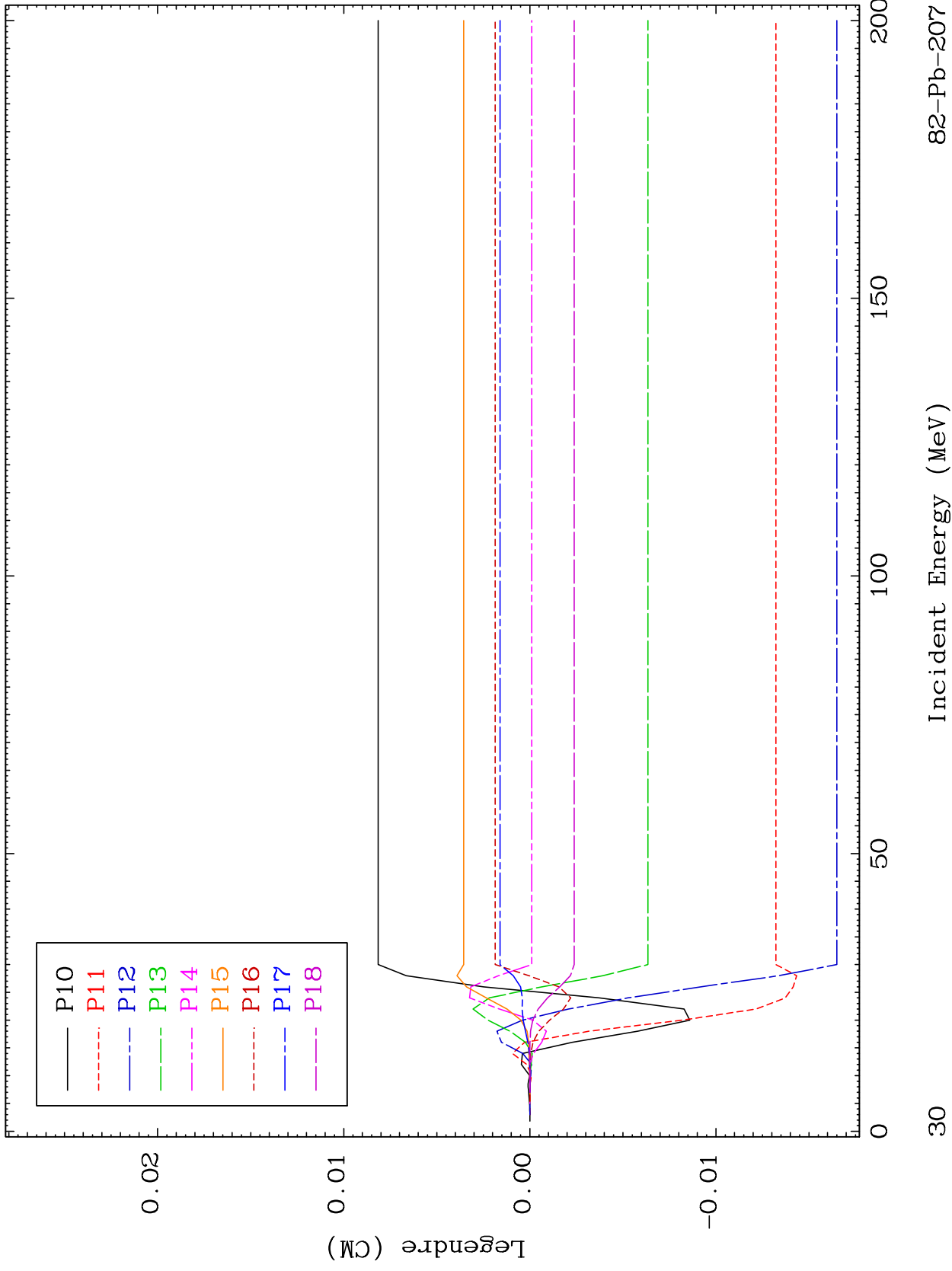
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207

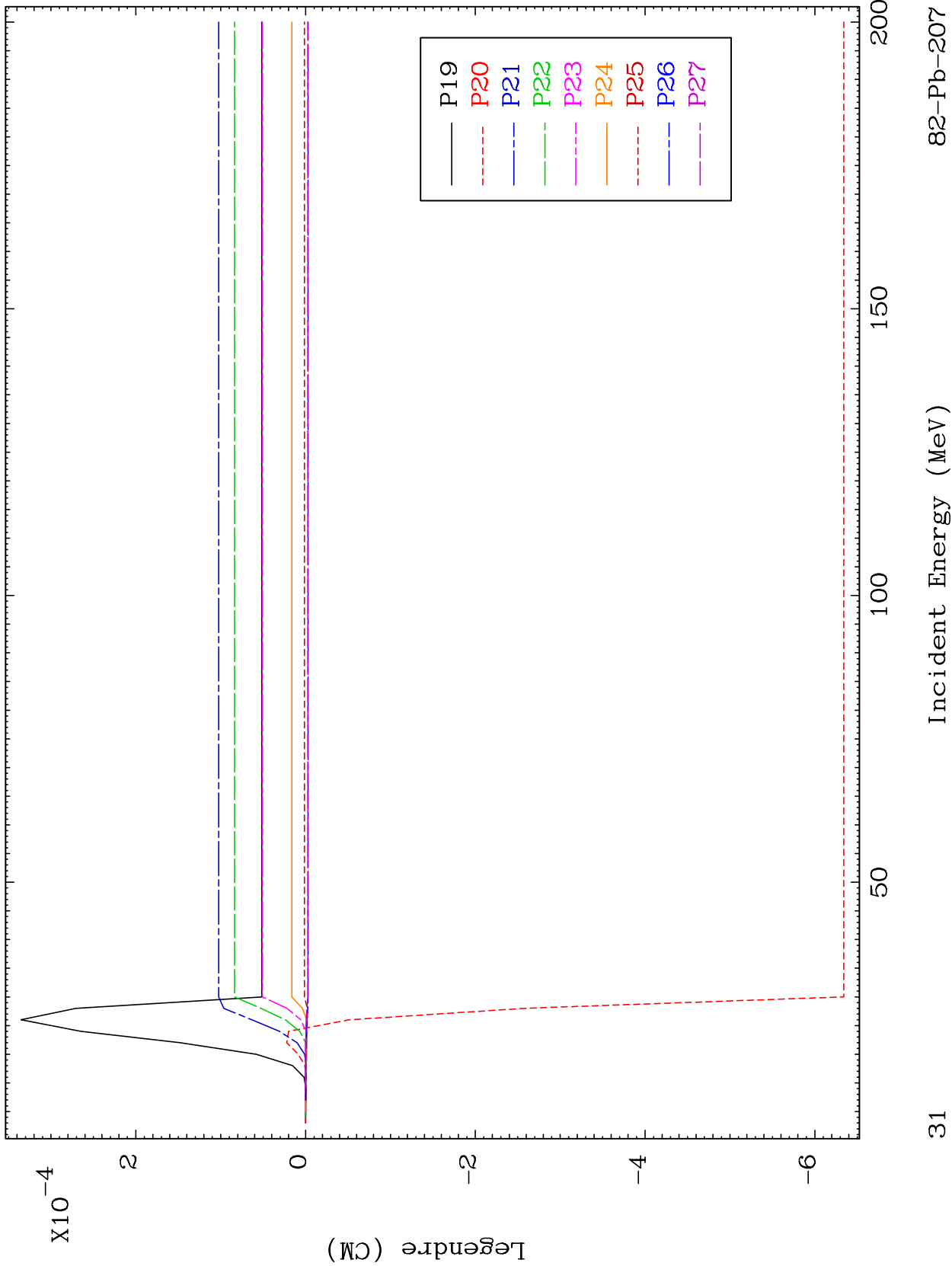


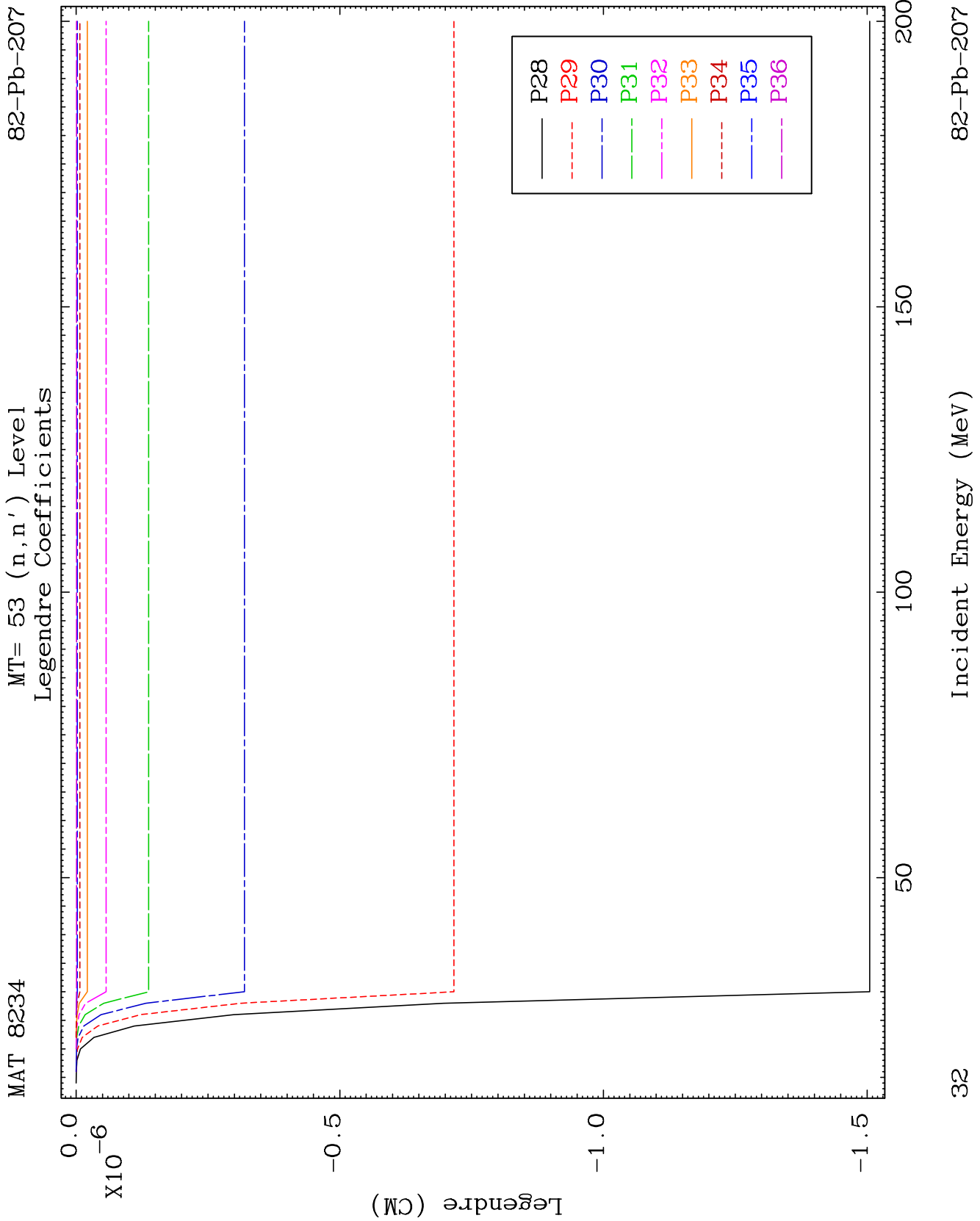
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MAT 8234

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

82-Pb-207

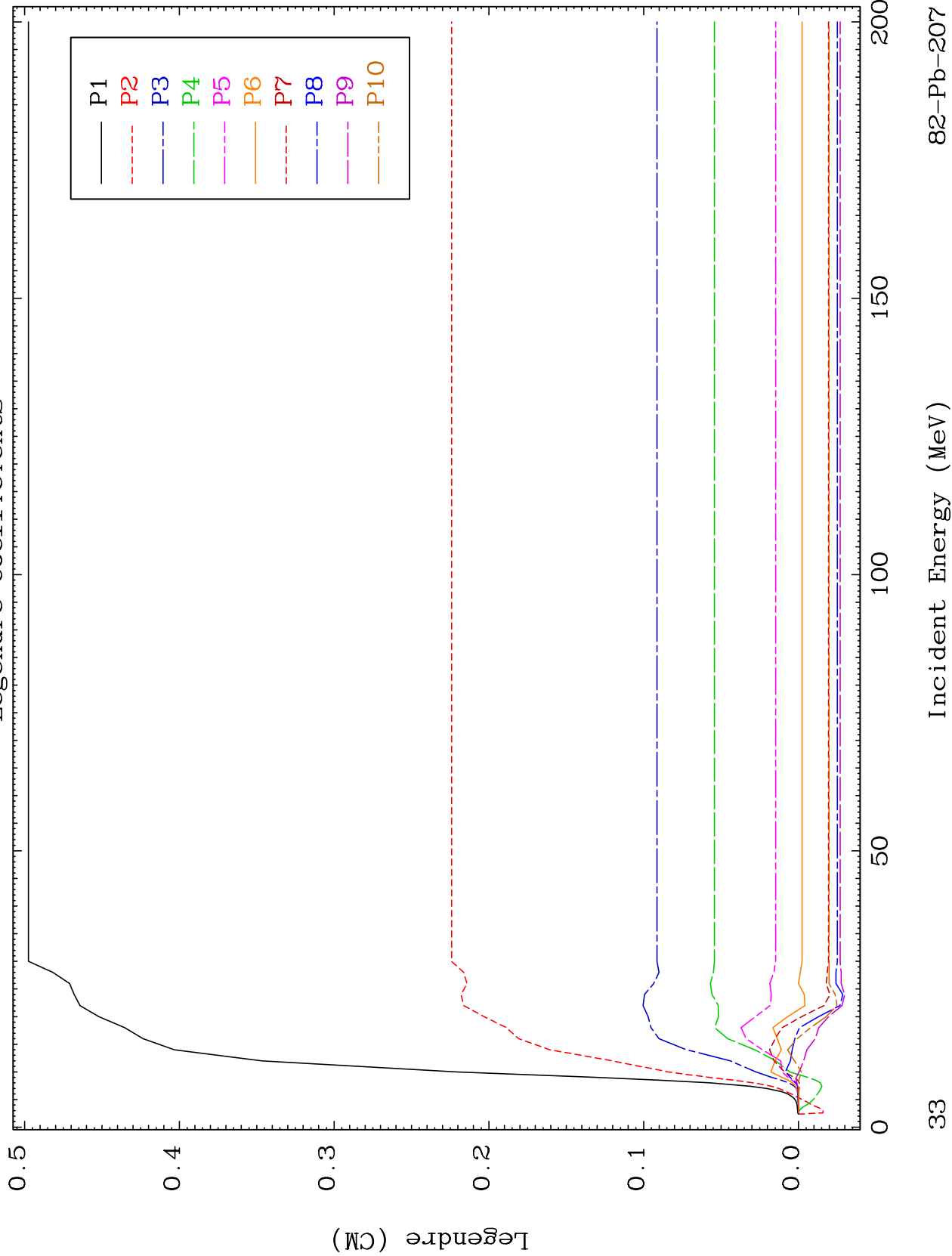




MAT 8234

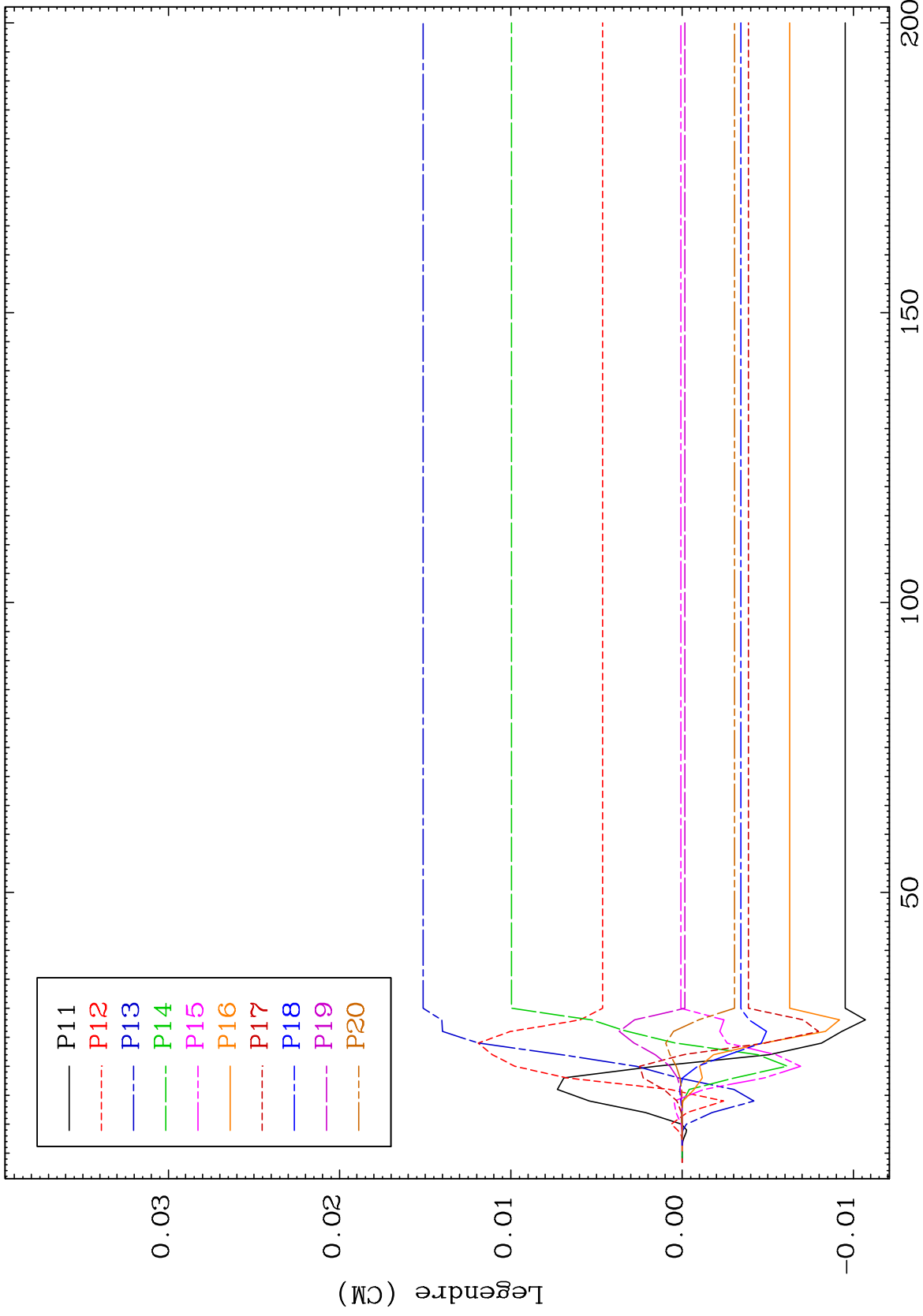
MT= 54 (n,n') Level
Legendre Coefficients

82-Pb-207



33

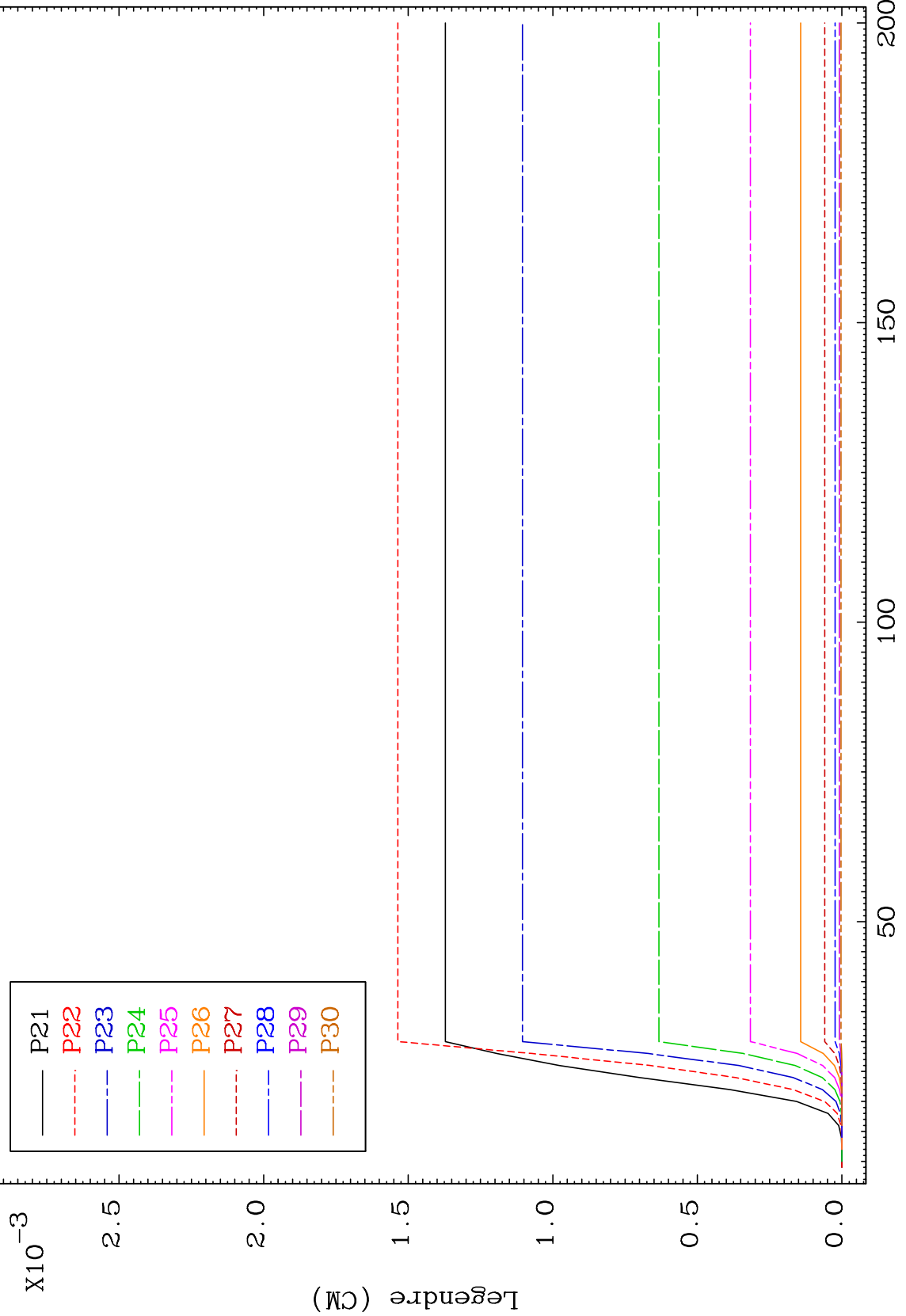
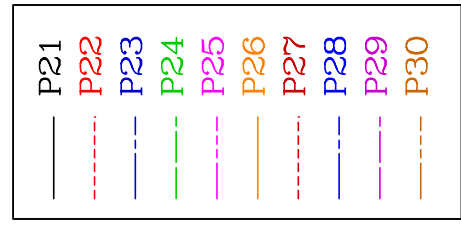
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MAT 8234

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

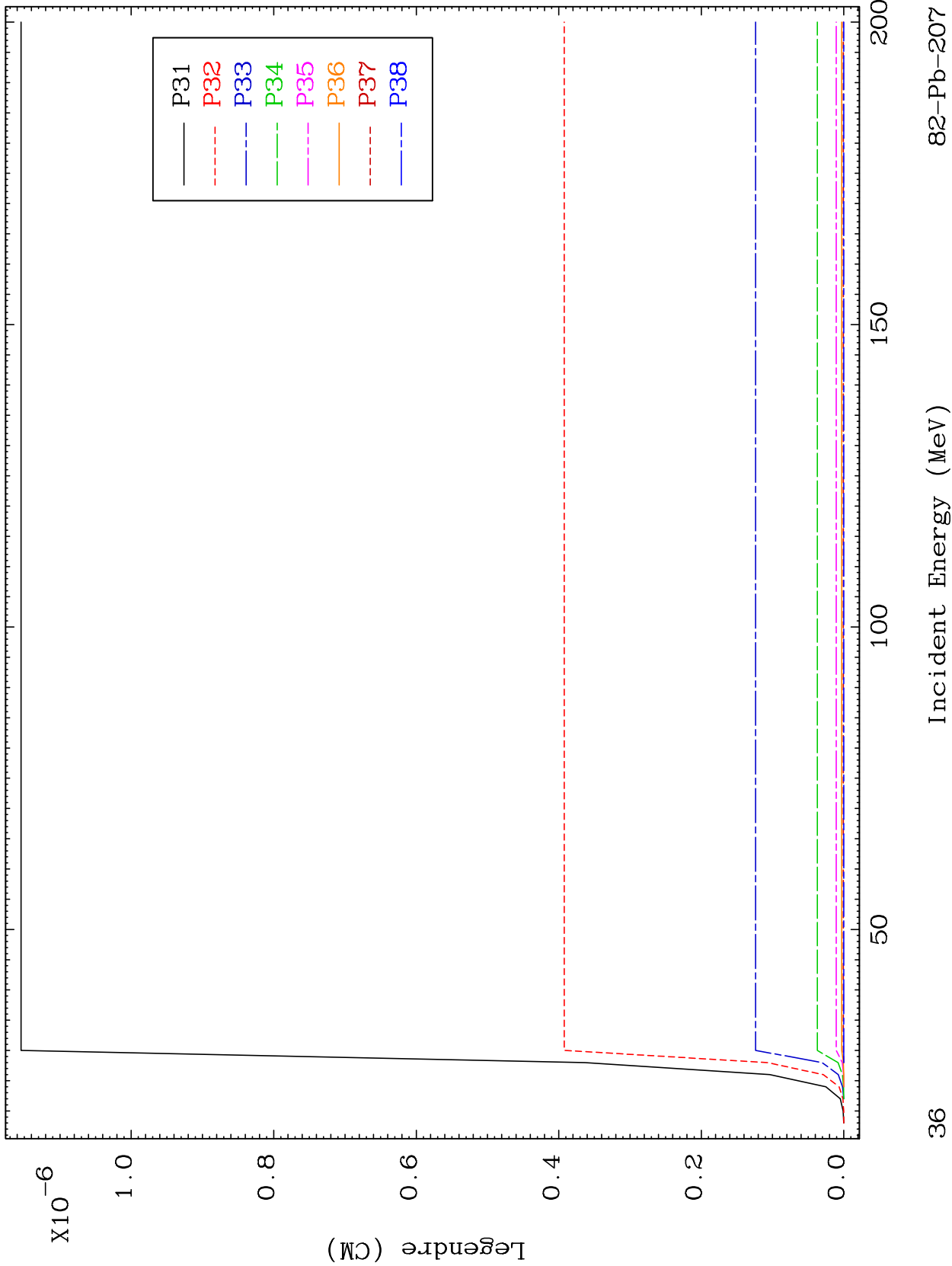
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35

Incident Energy (MeV)

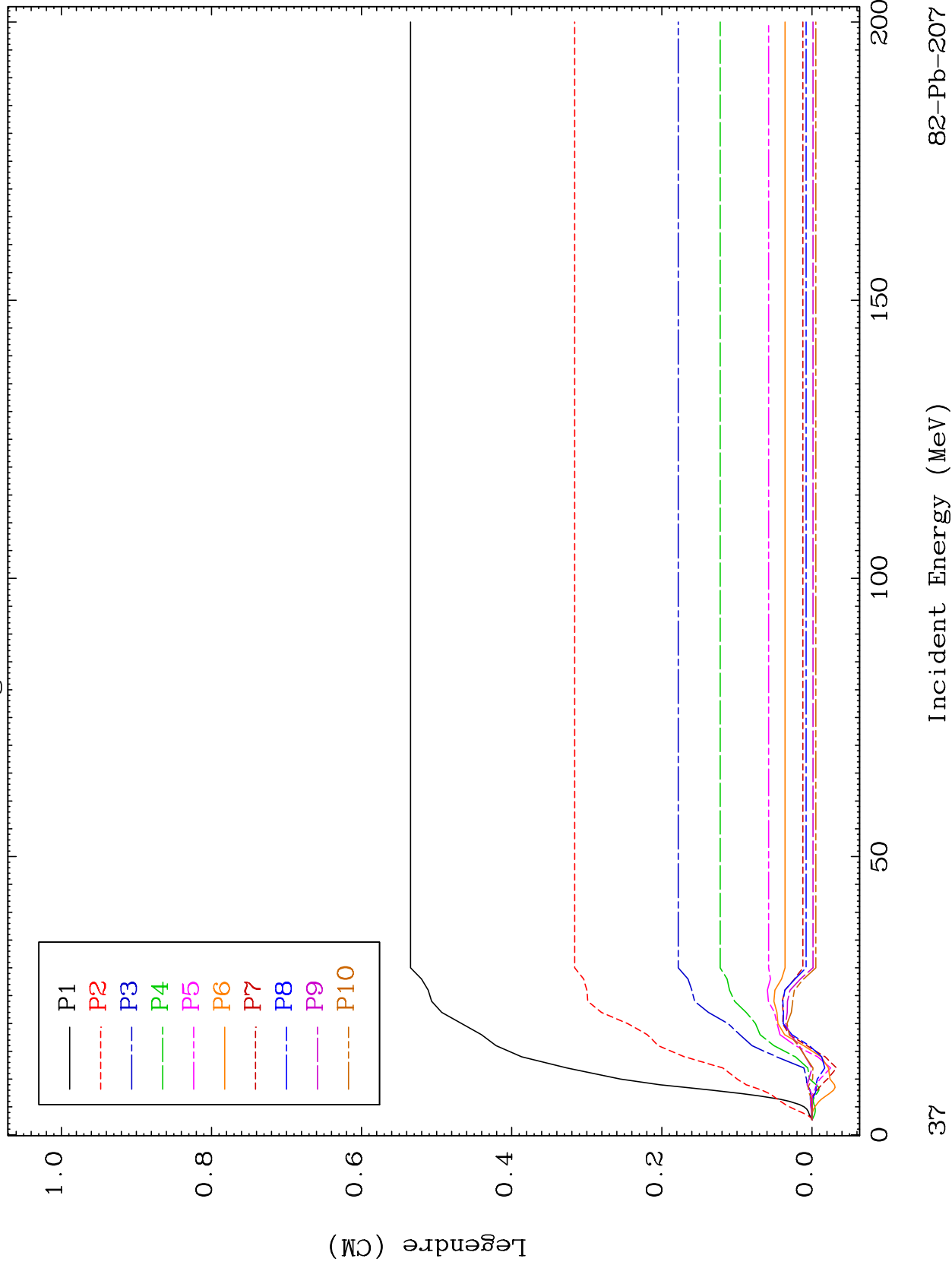
82-Pb-207



MAT 8234

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

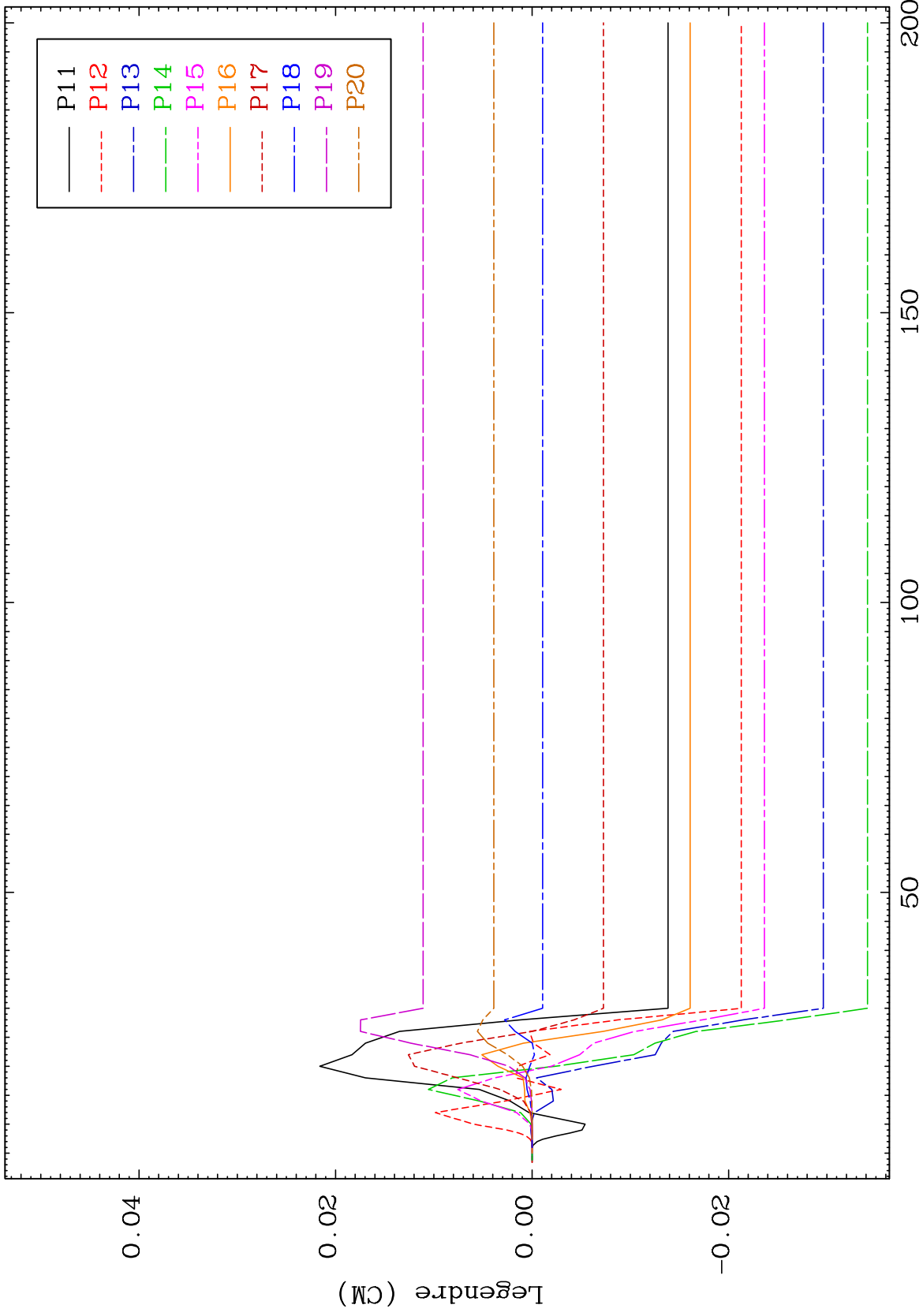
82-Pb-207



37

Incident Energy (MeV)

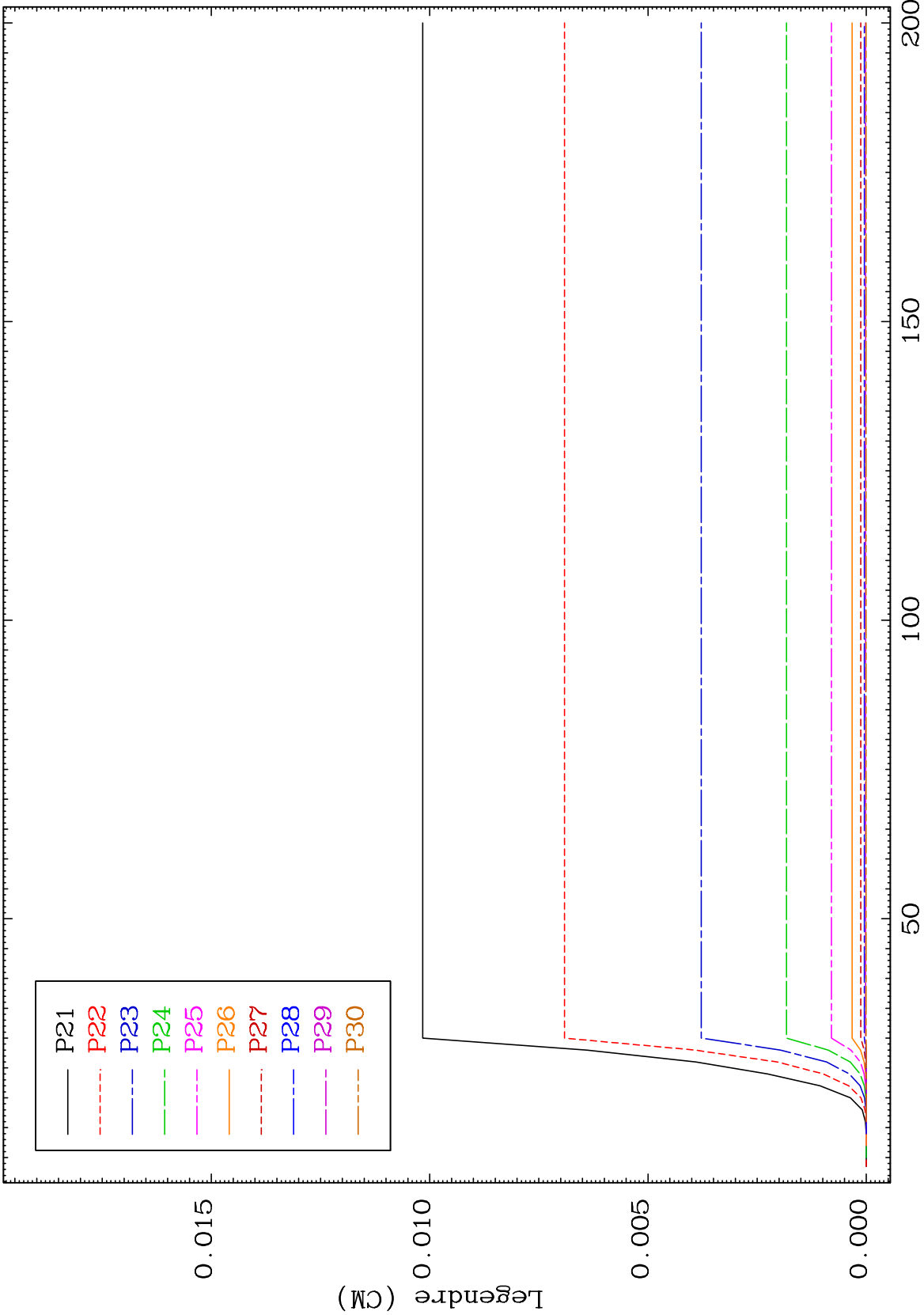
82-Pb-207



MAT 8234

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

82-Pb-207



39

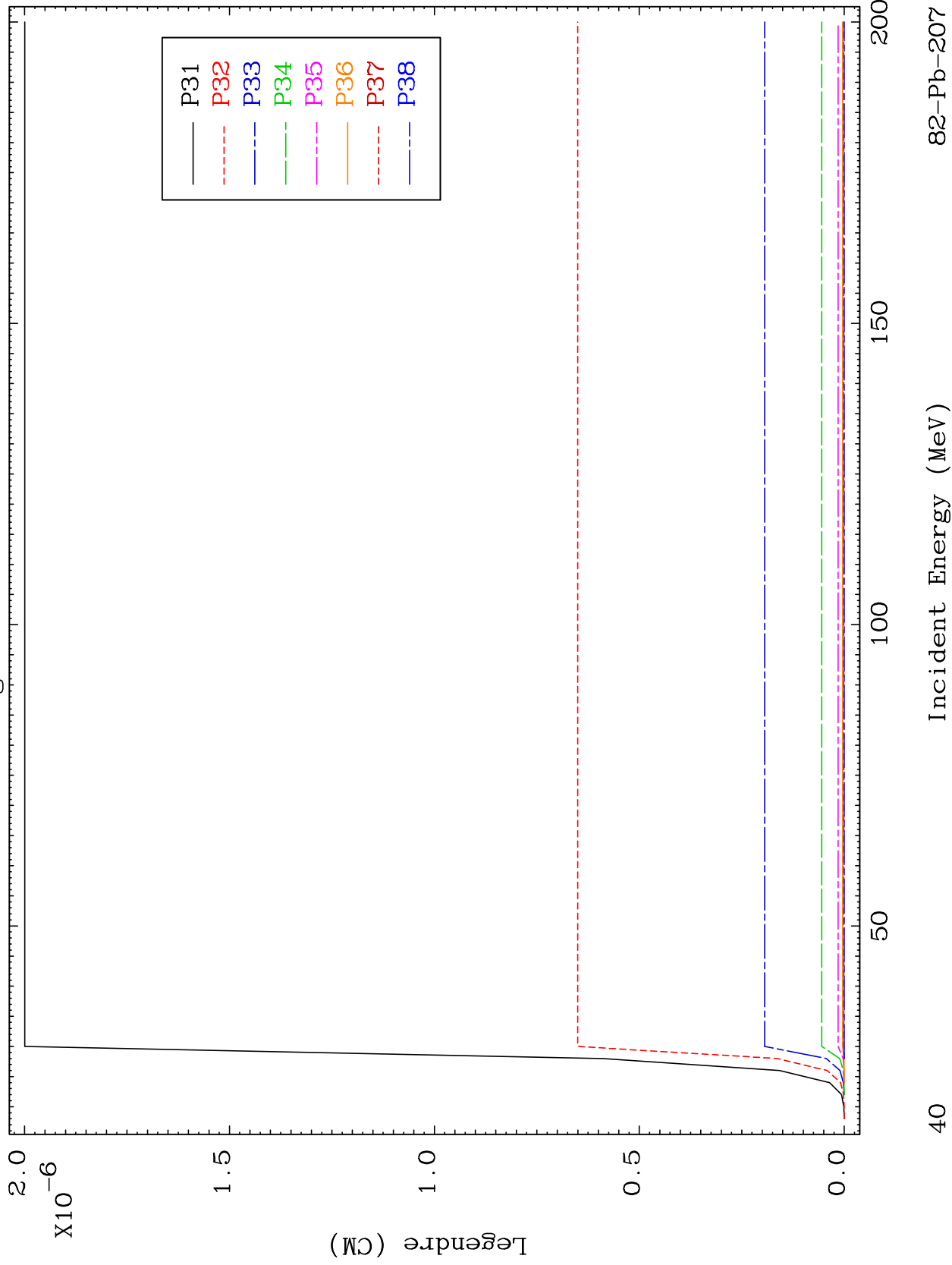
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



82-Pb-207

Incident Energy (MeV)

40

50

100

150

200

Legendre (CM)
 $\times 10^{-6}$

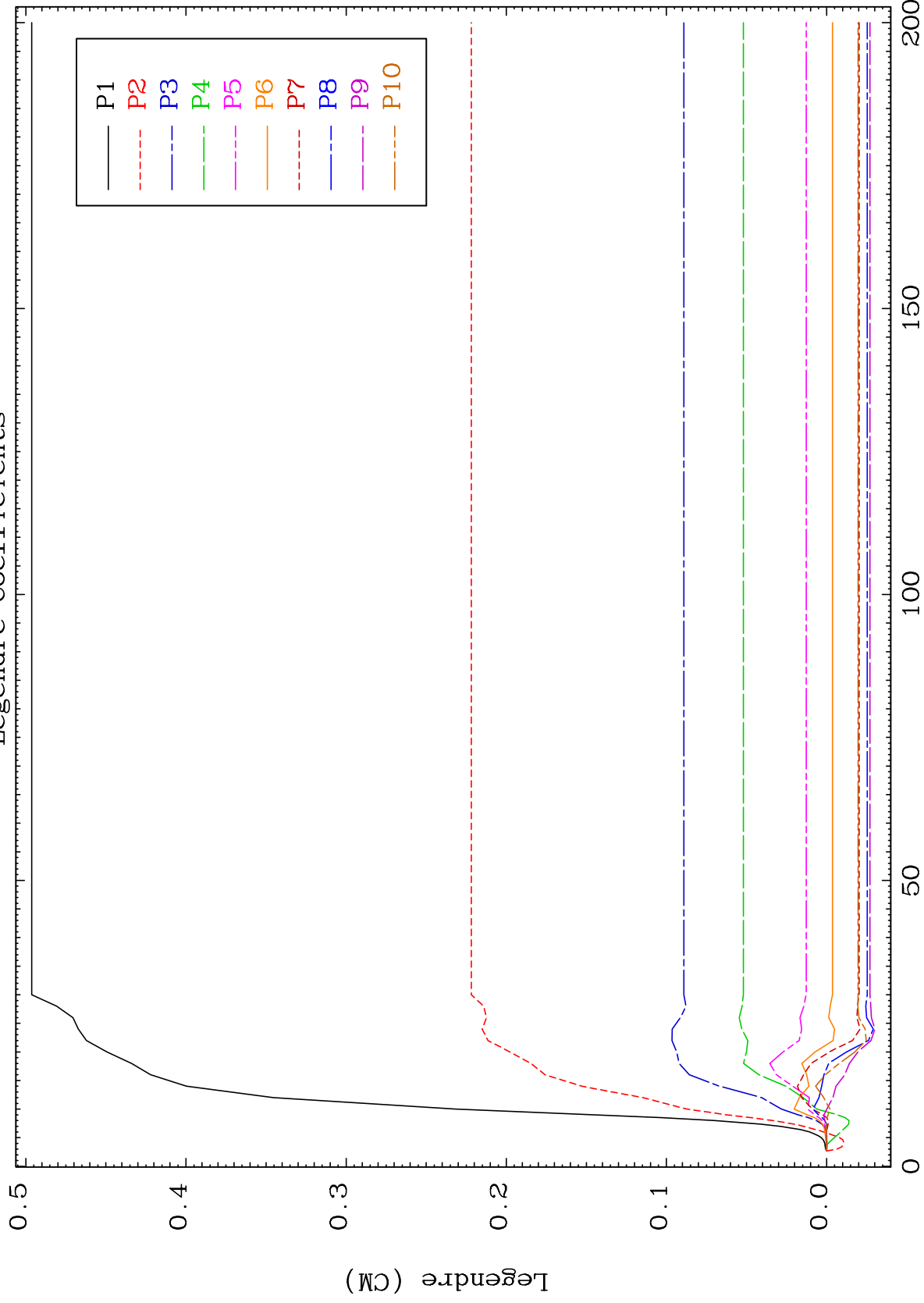
Legendre Coefficients

- P31
- P32
- P33
- P34
- P35
- P36
- P37
- P38

MAT 8234

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

82-Pb-207



41

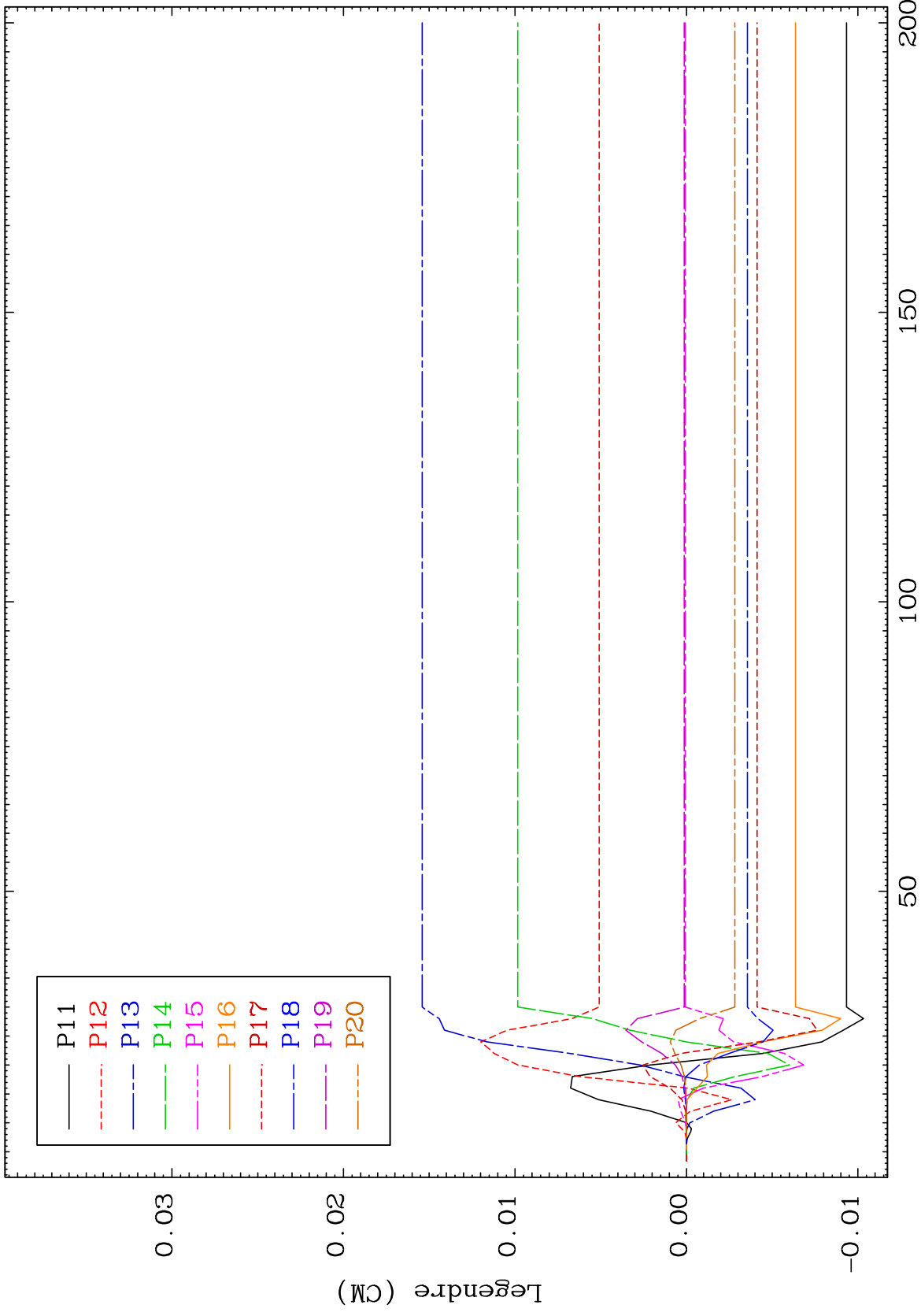
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

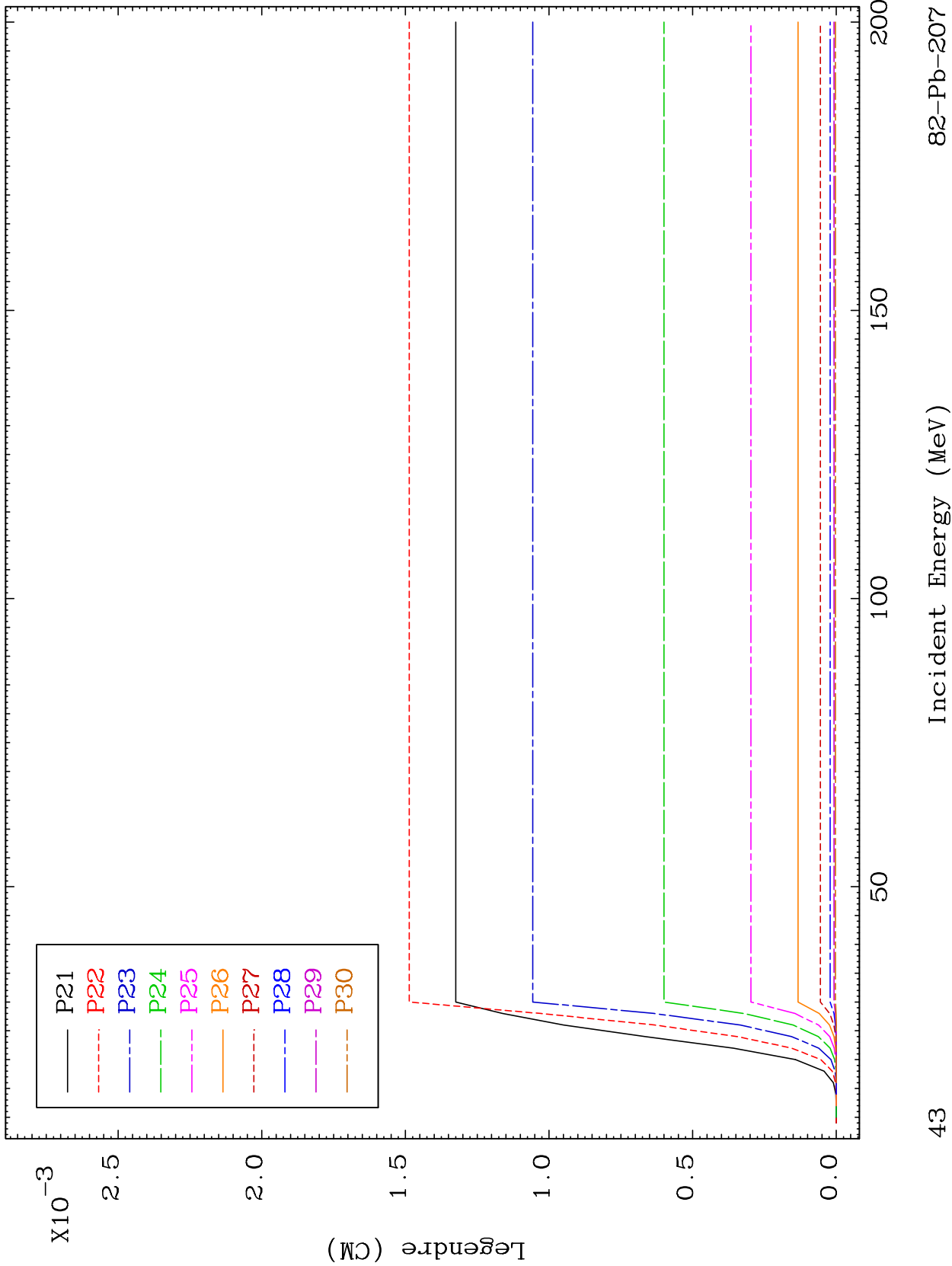
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MAT 8234

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

82-Pb-207



43

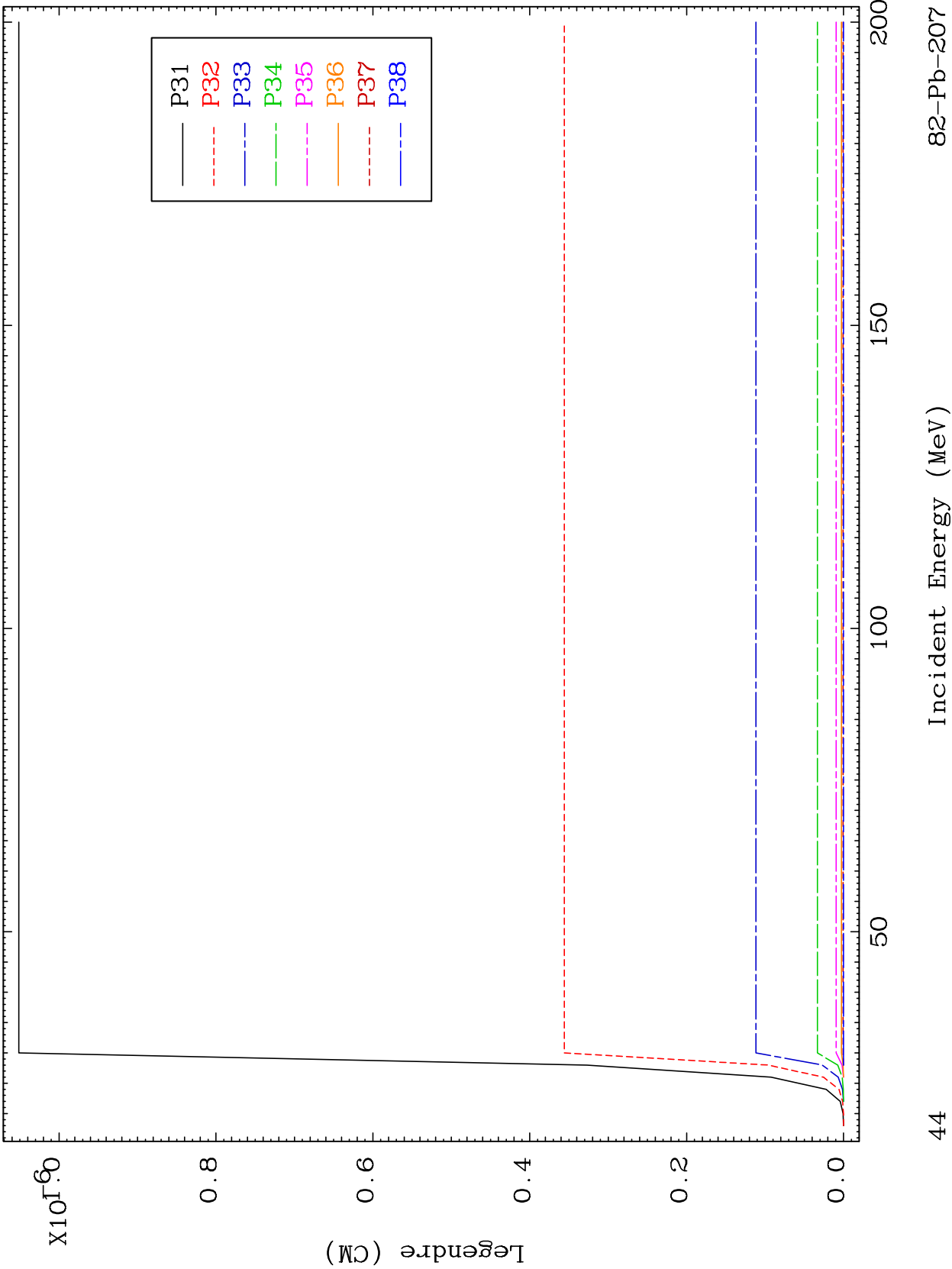
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

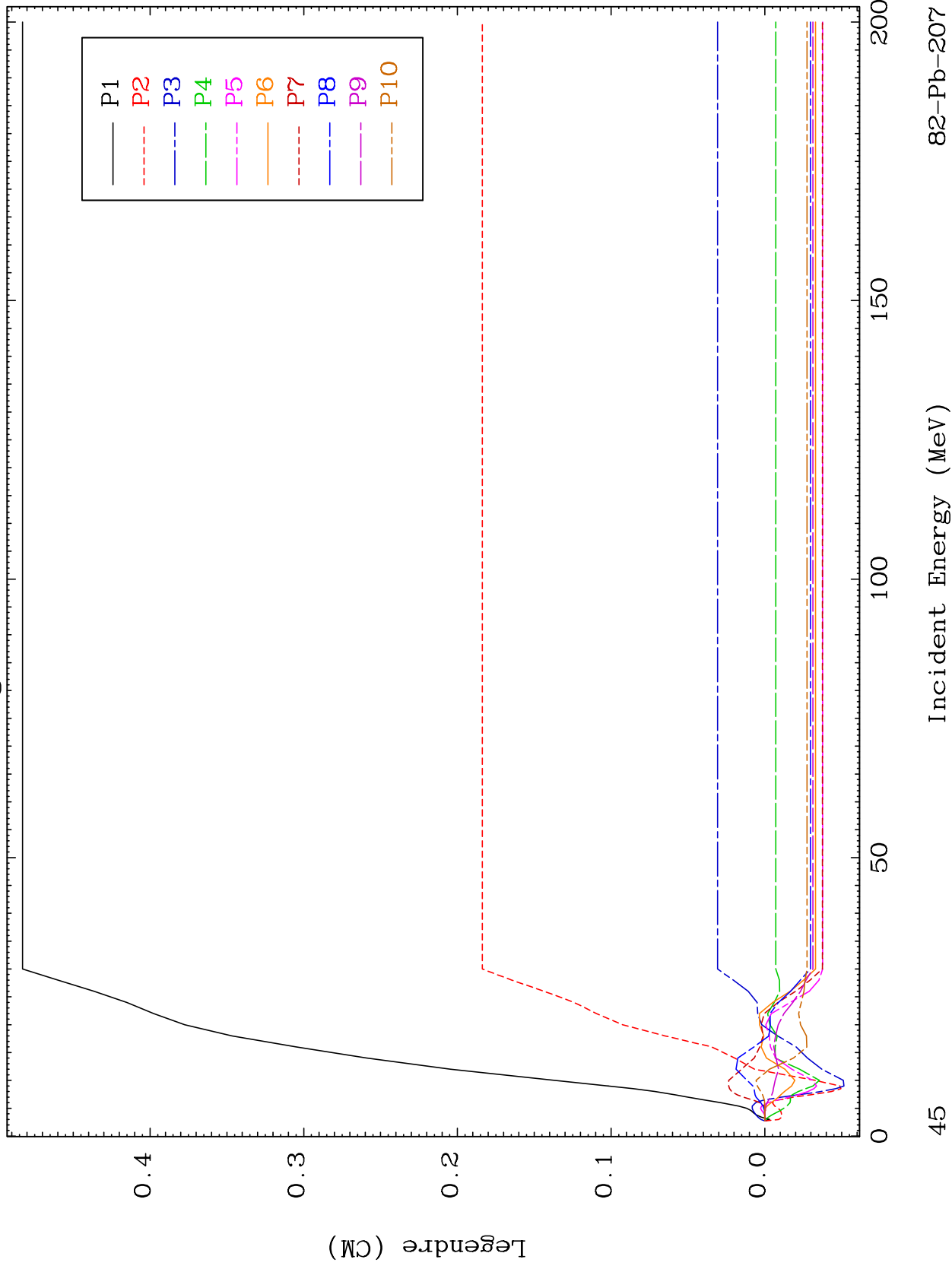
82-Pb-207



MAT 8234

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

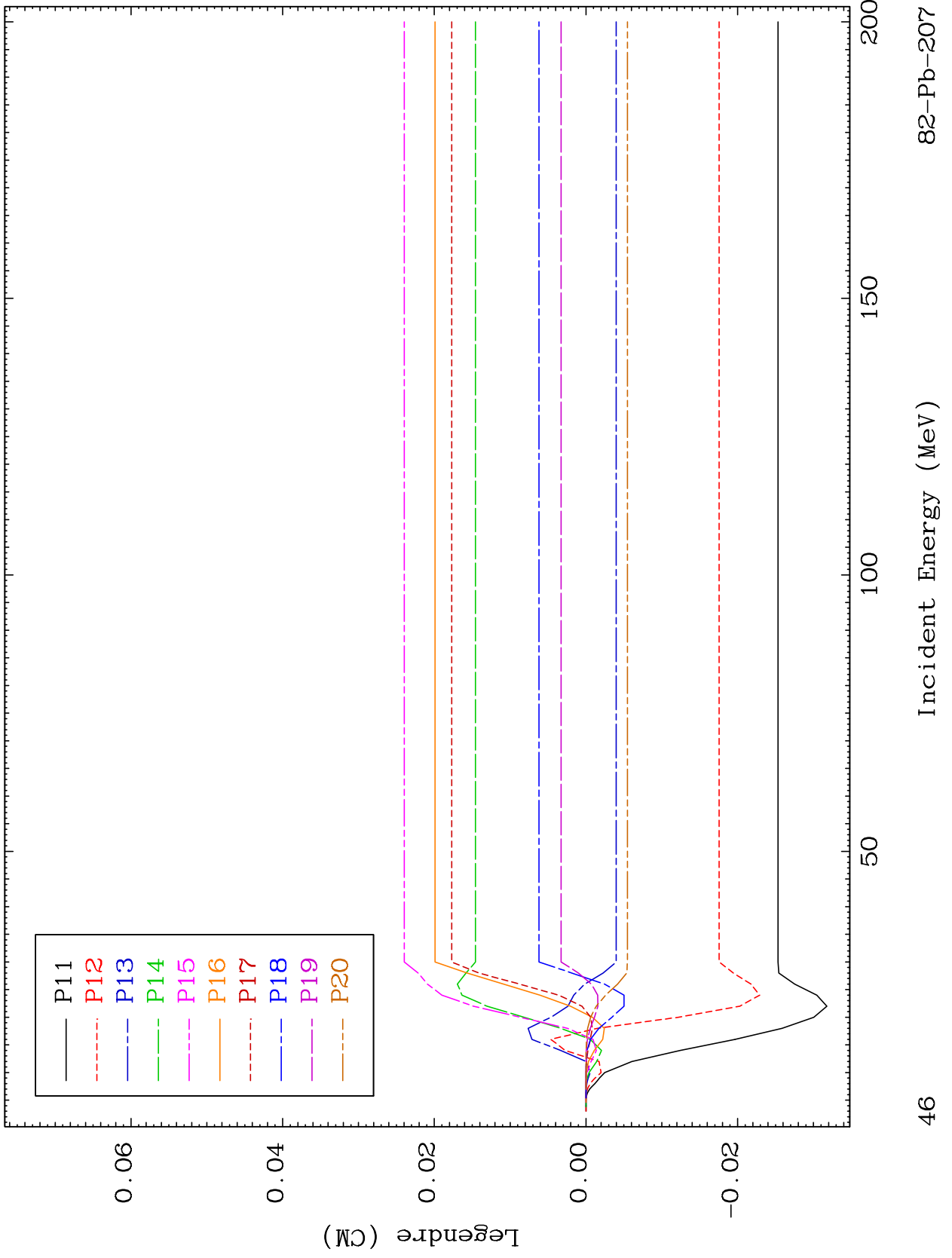
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MAT 8234

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

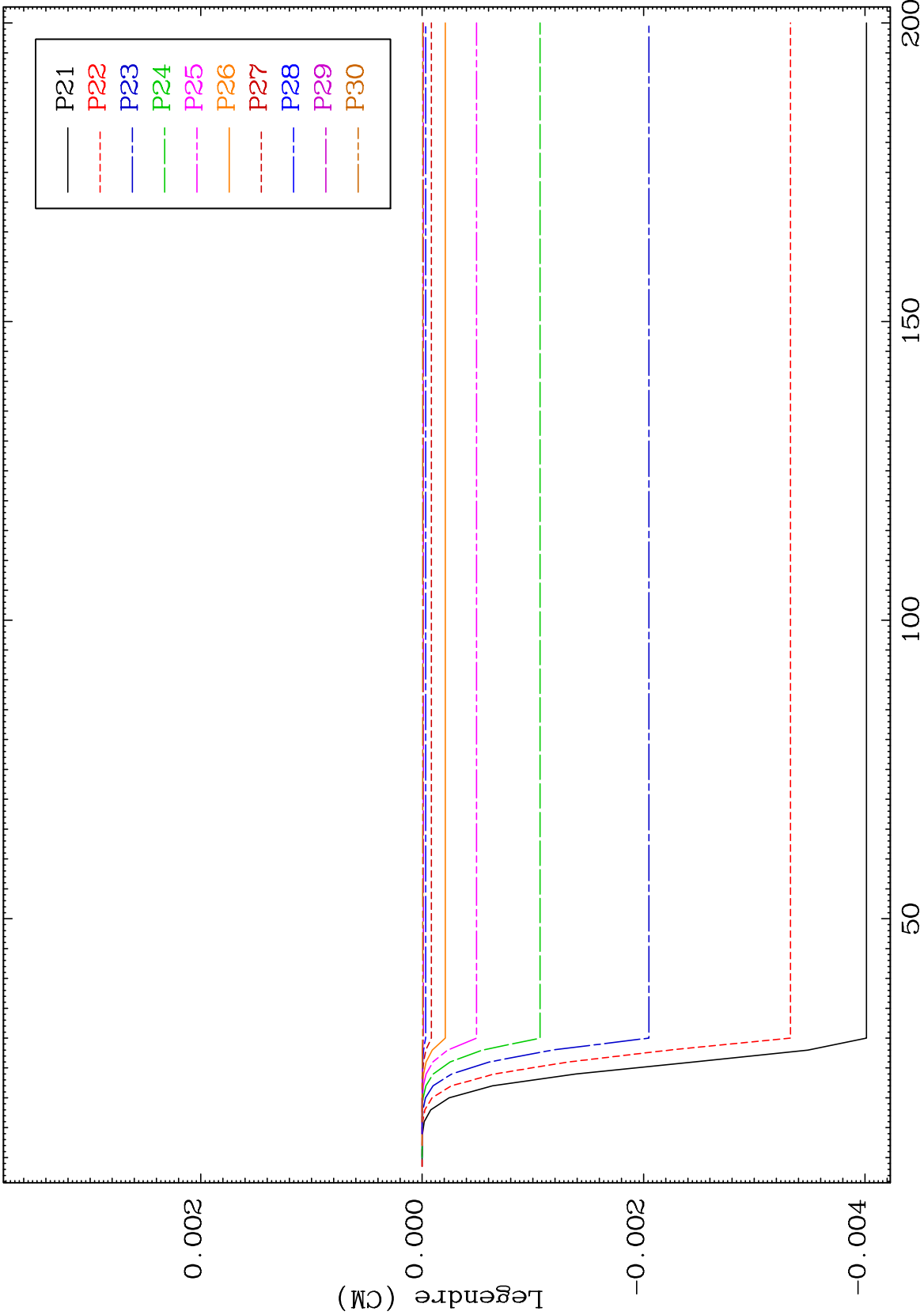
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MAT 8234

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

82-Pb-207



47

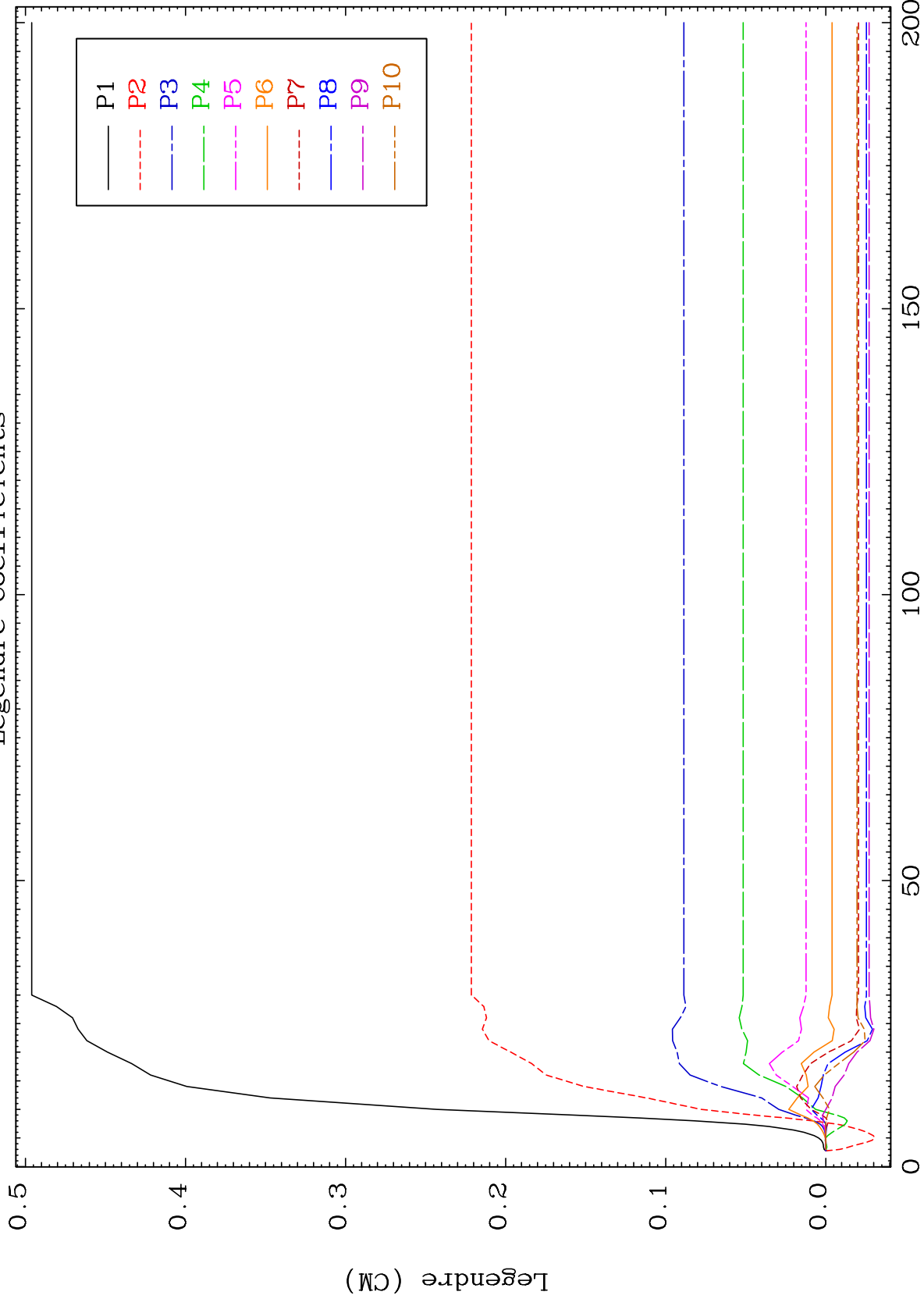
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

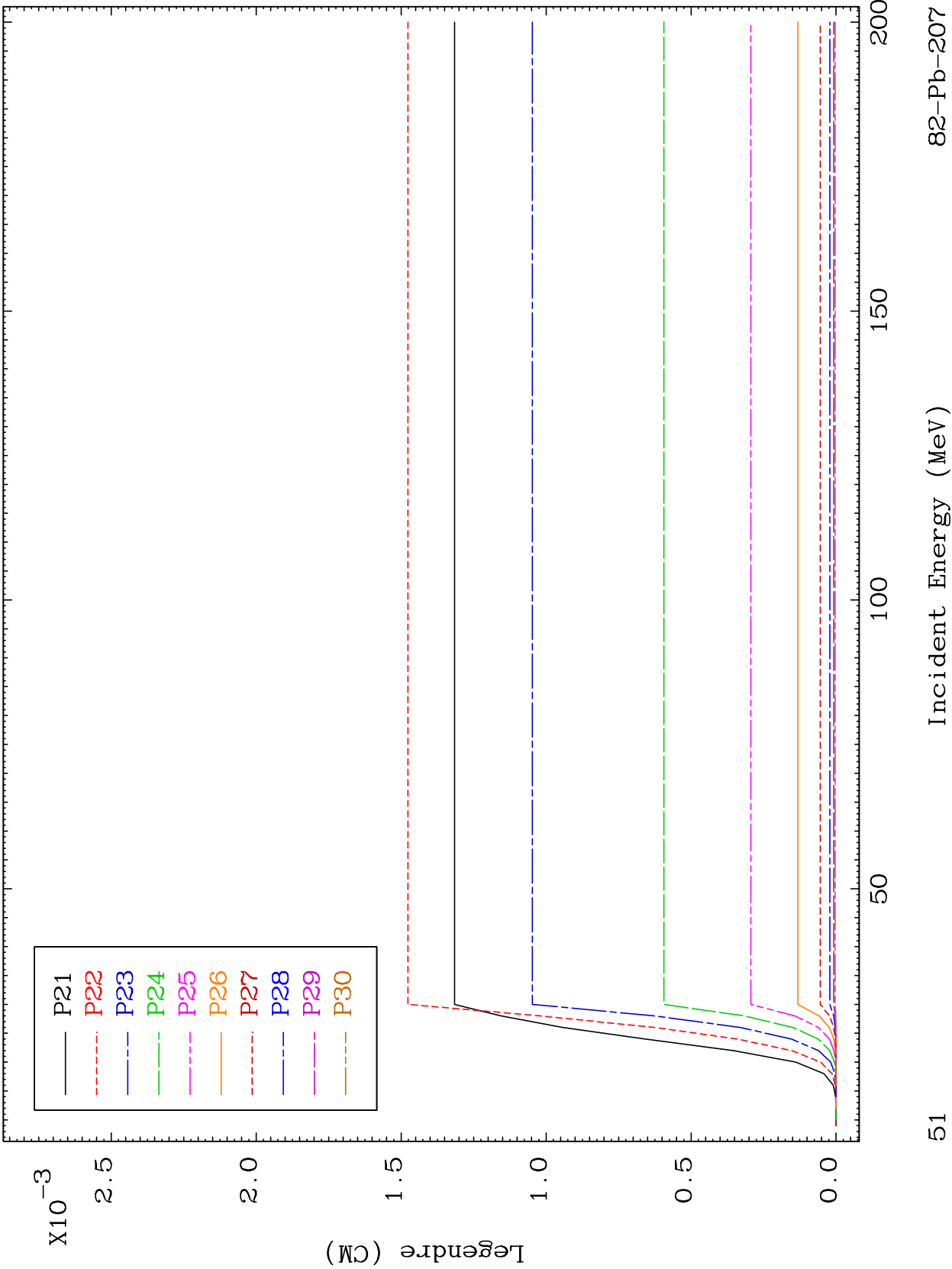
82-Pb-207



49

Incident Energy (MeV)

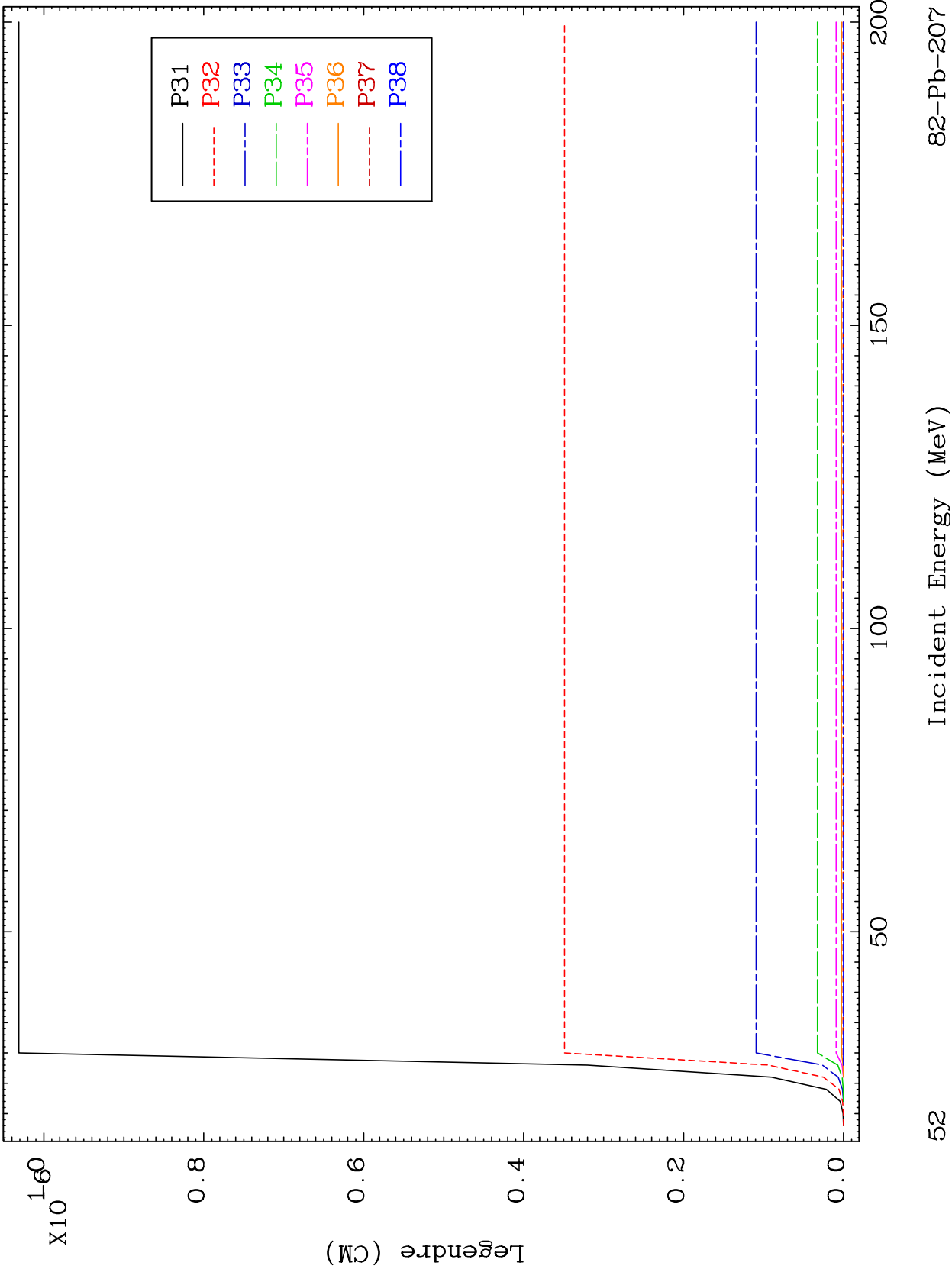
82-Pb-207



MAT 8234

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

82-Pb-207



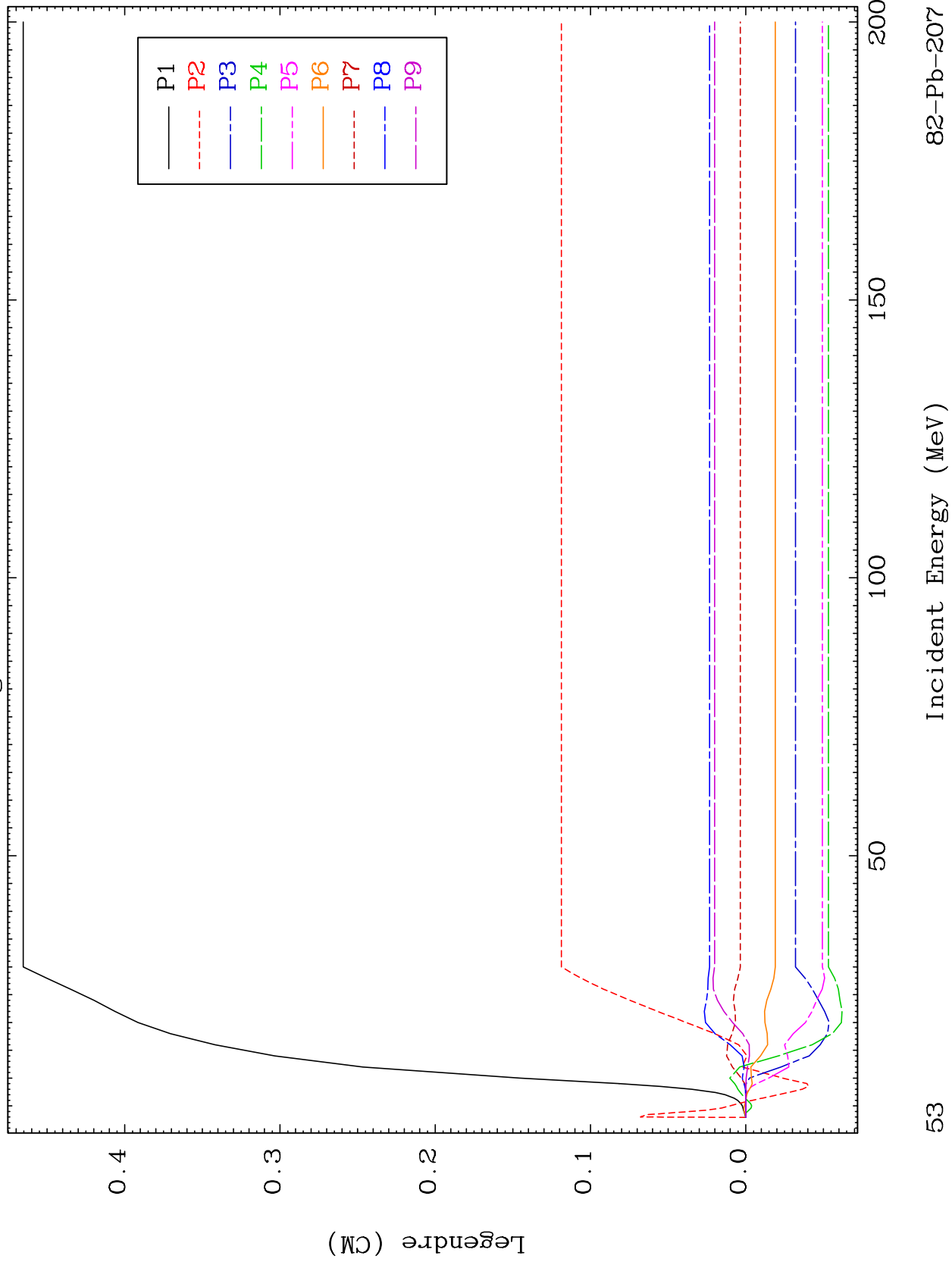
52

82-Pb-207

MAT 8234

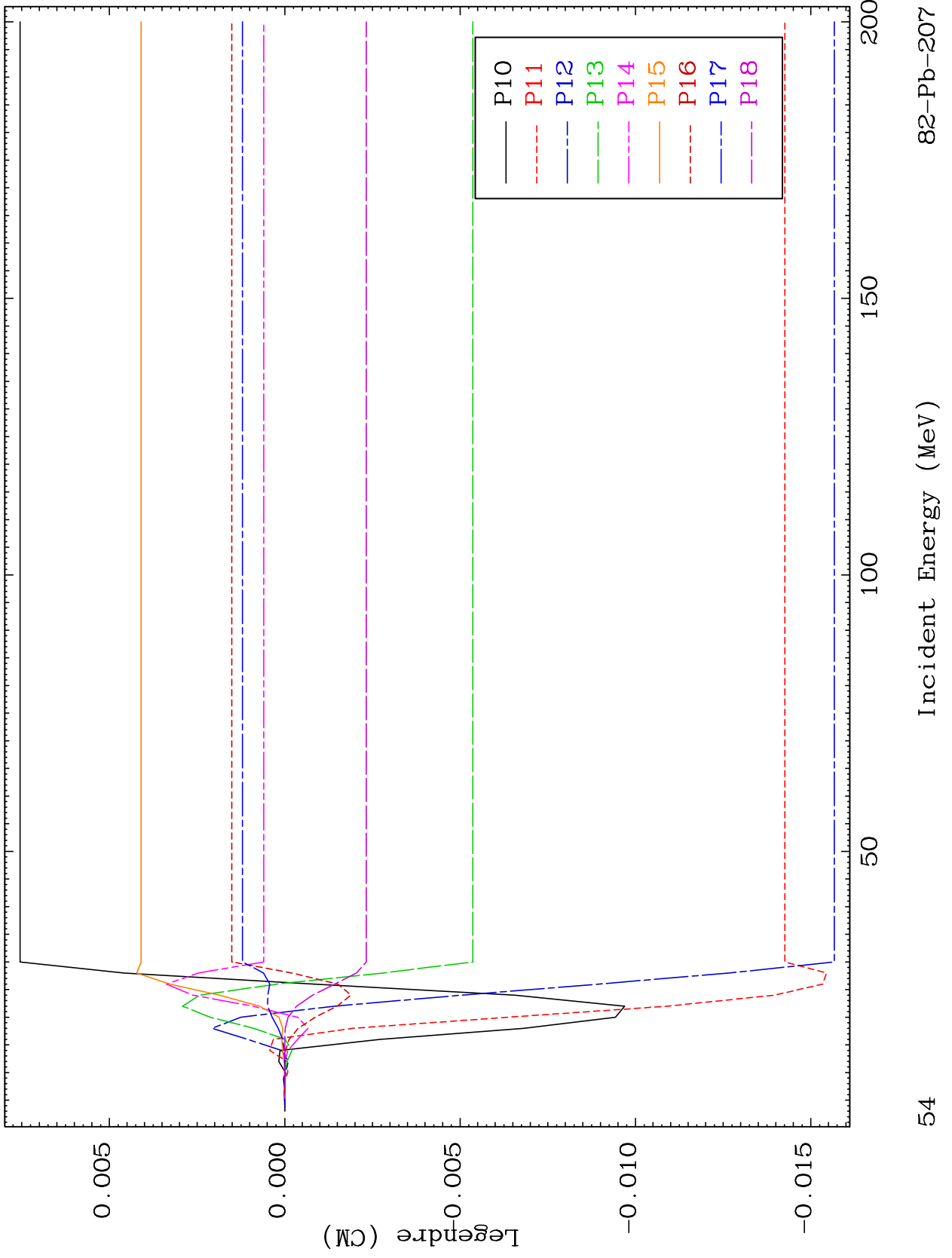
MT= 59 (n,n') Level
Legendre Coefficients

82-Pb-207



53

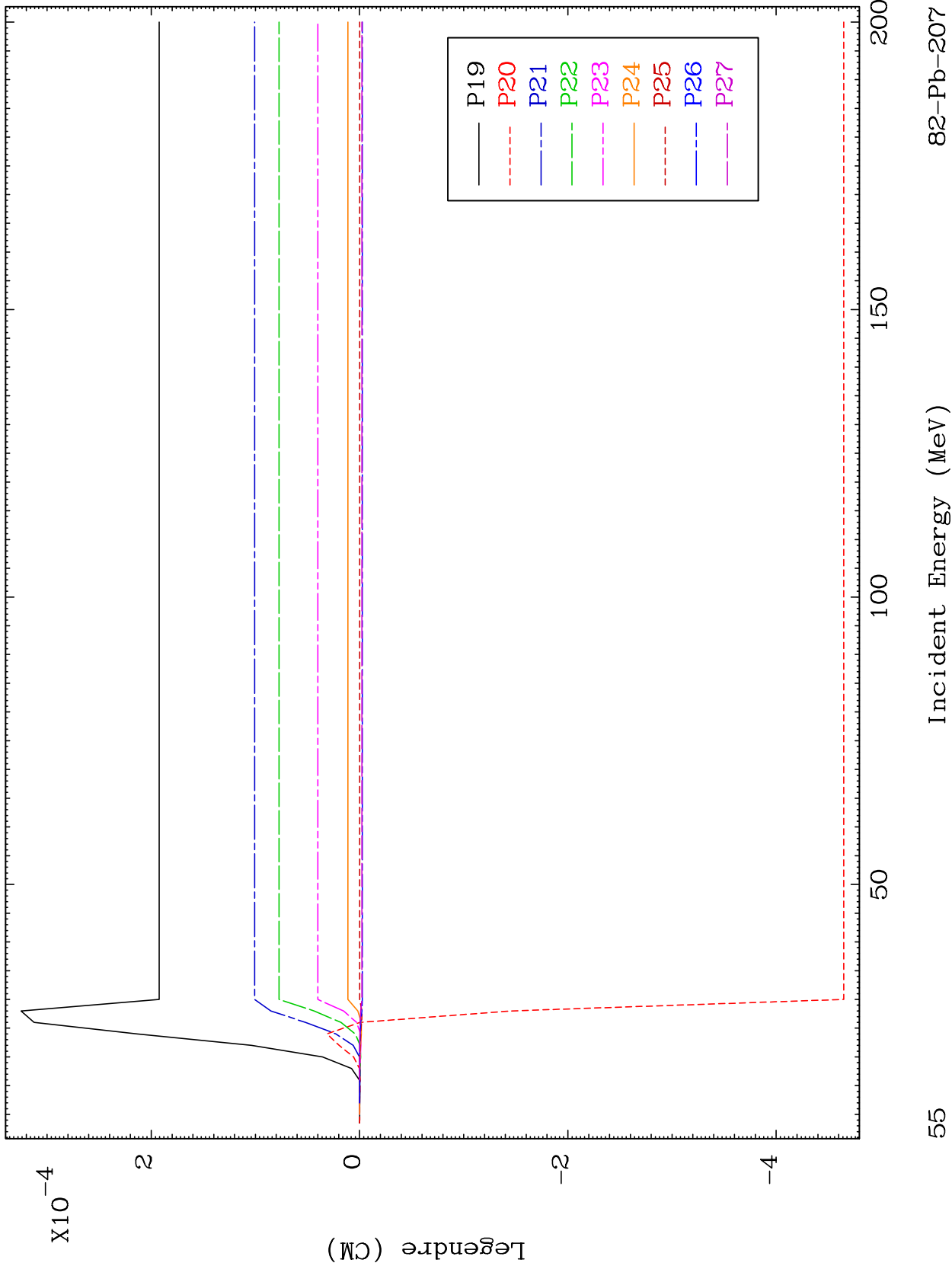
82-Pb-207



MAT 8234

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

82-Pb-207



55

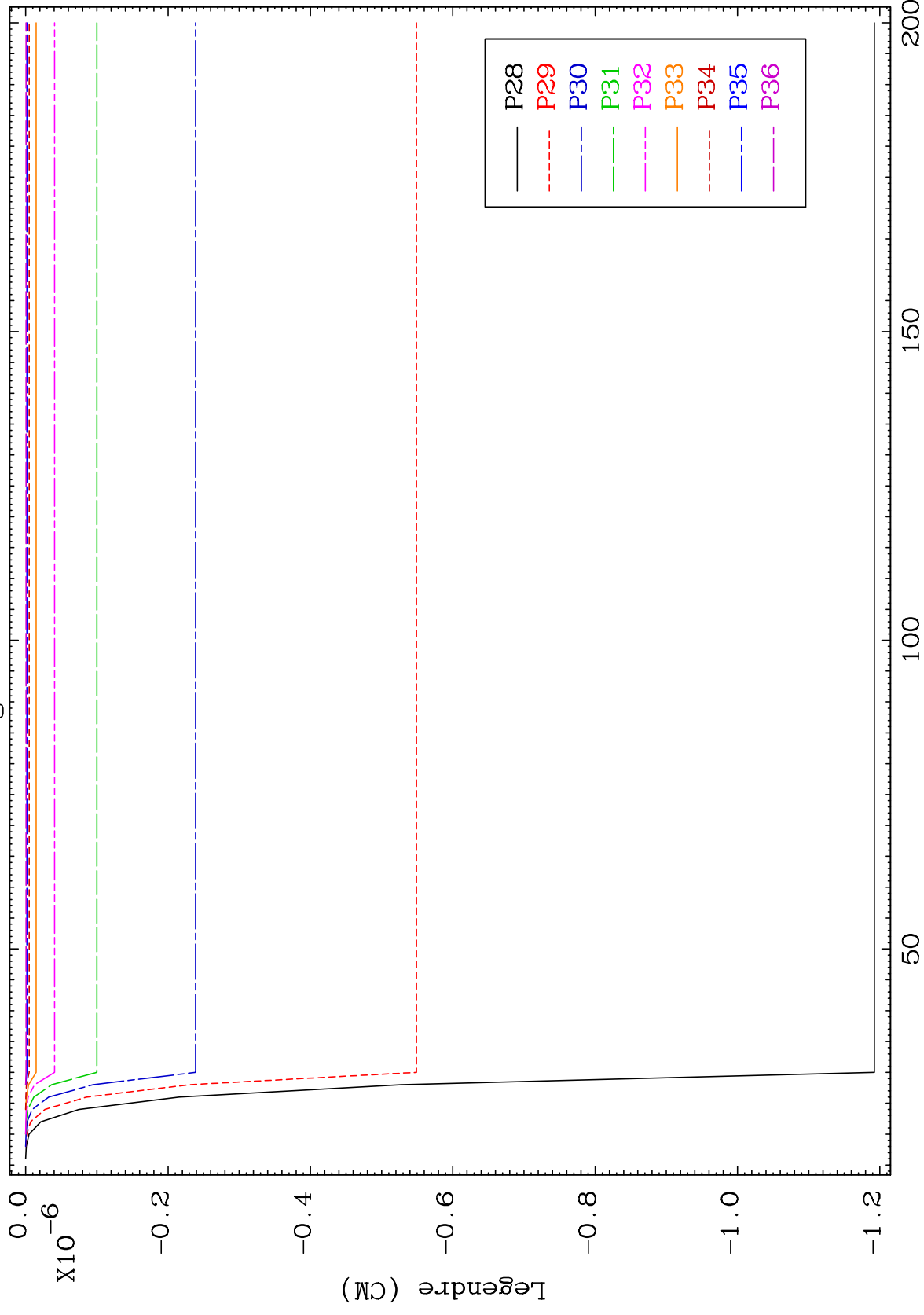
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



56

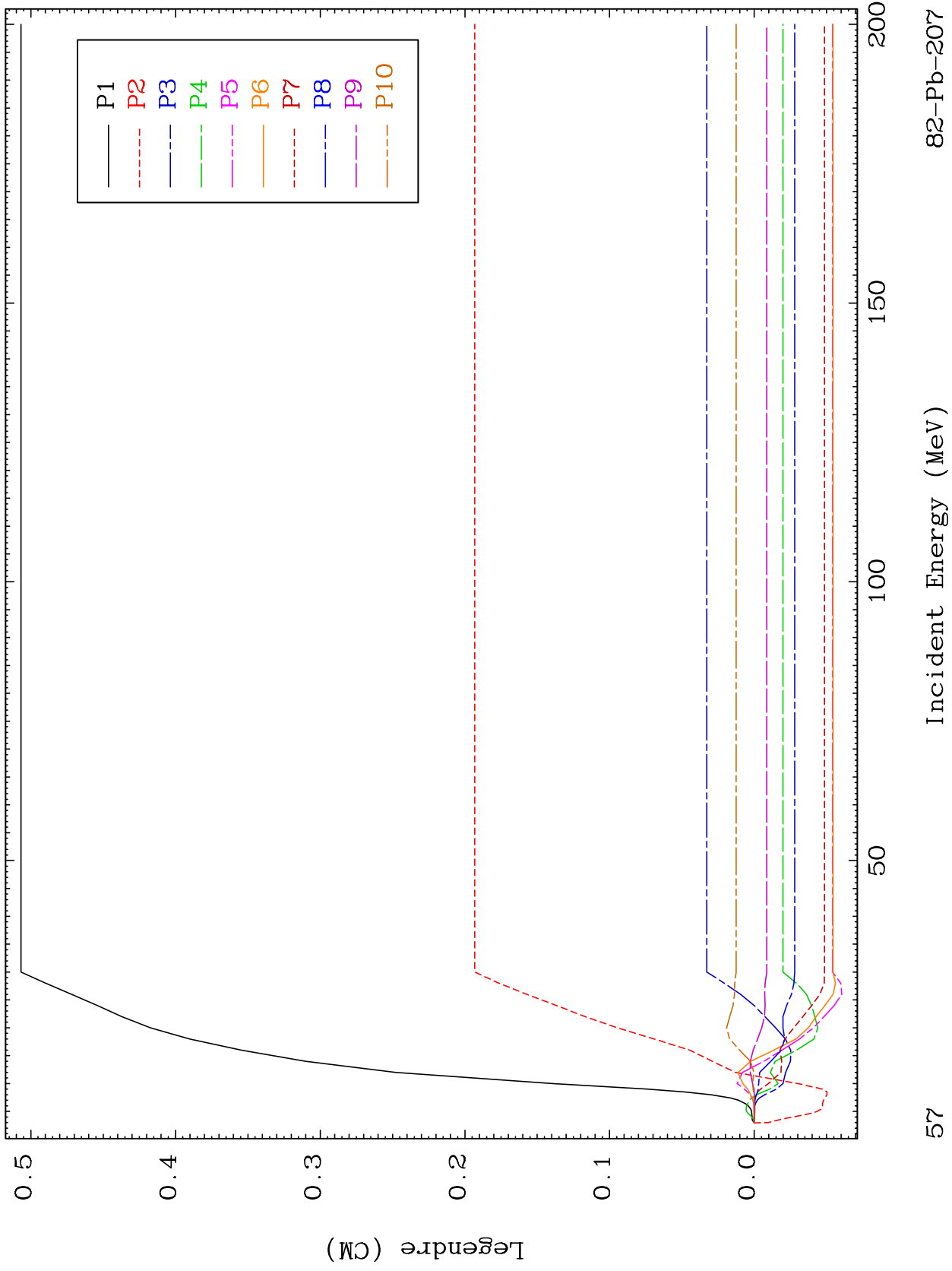
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



57

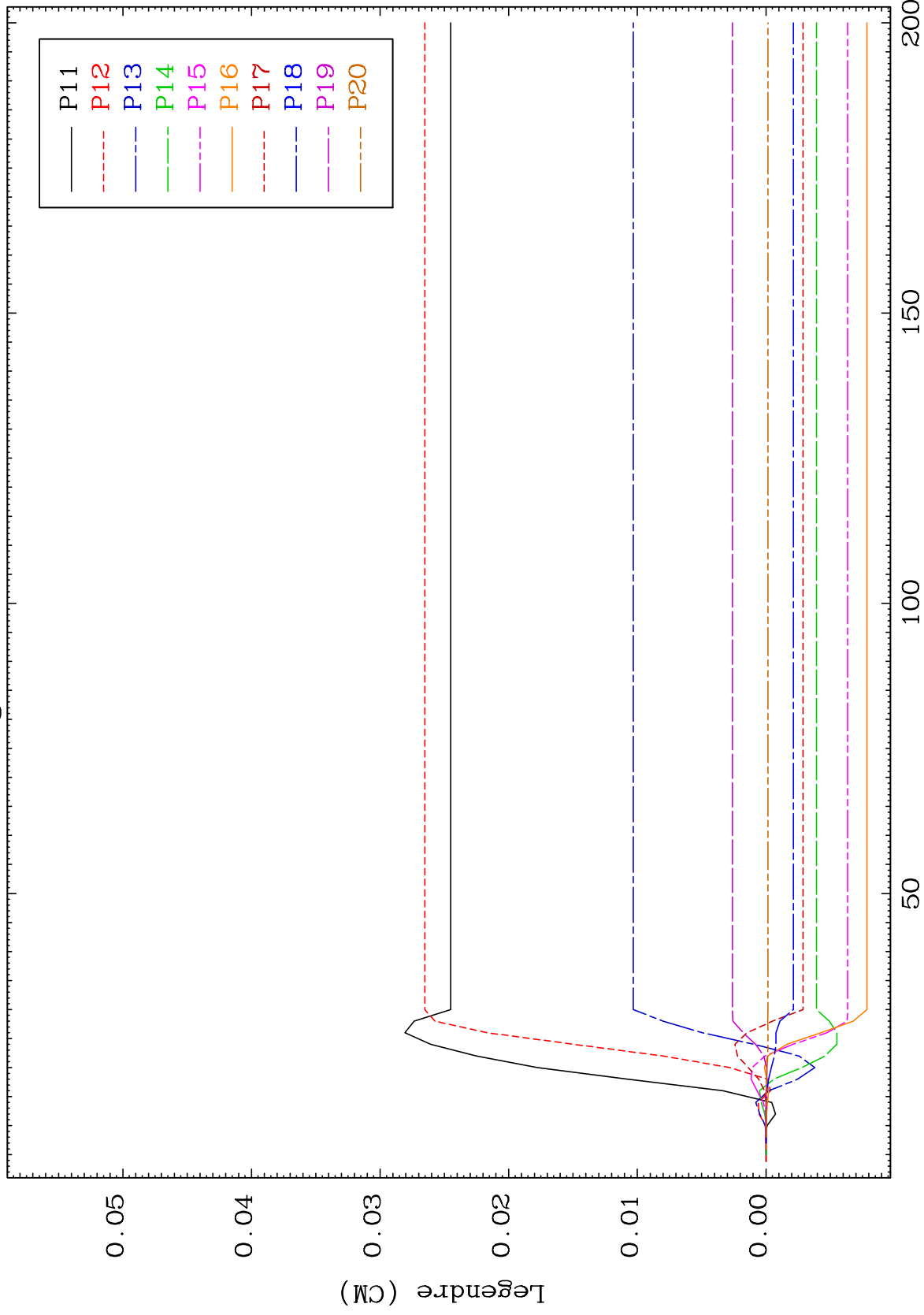
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



58

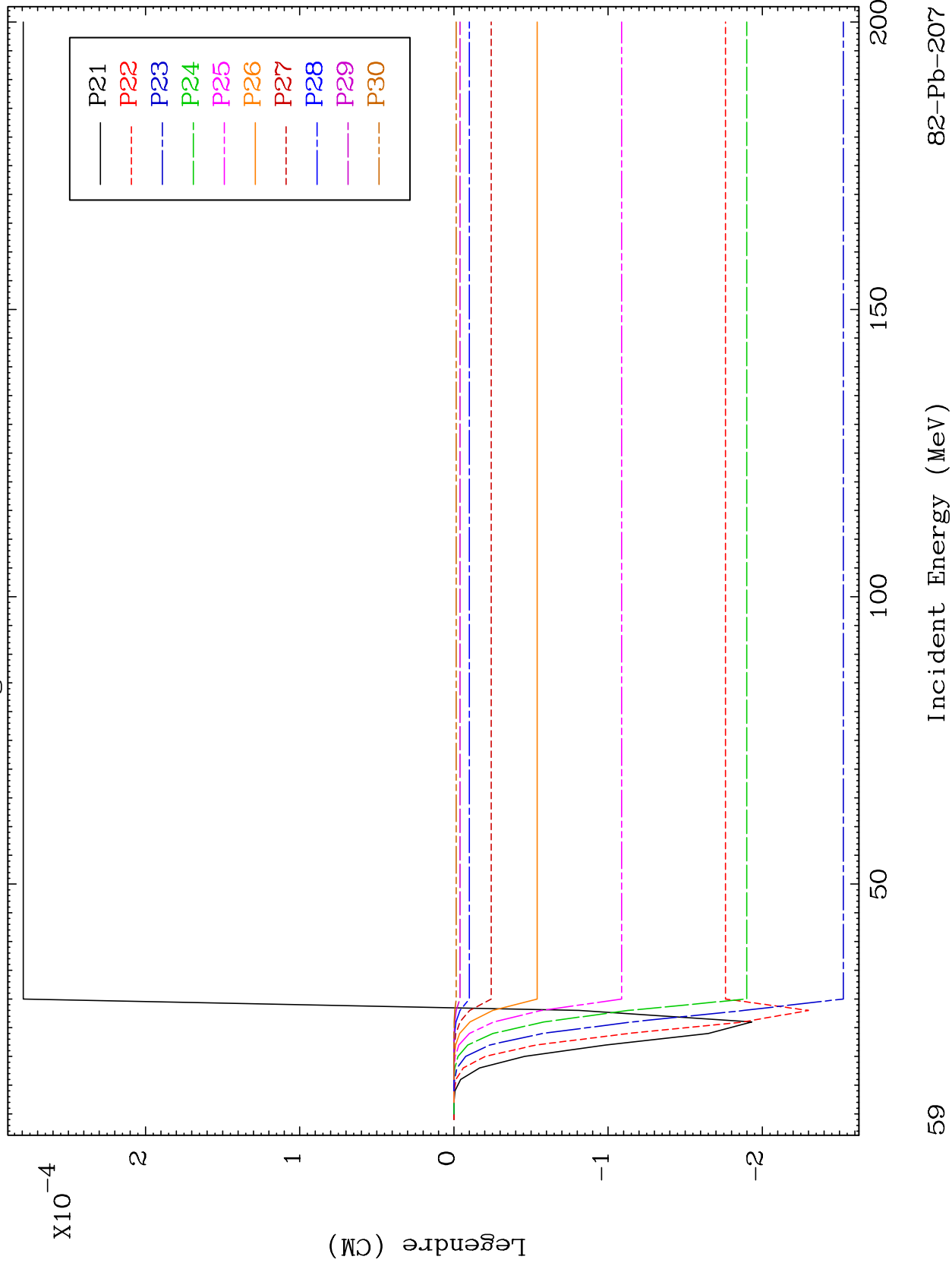
Incident Energy (MeV)

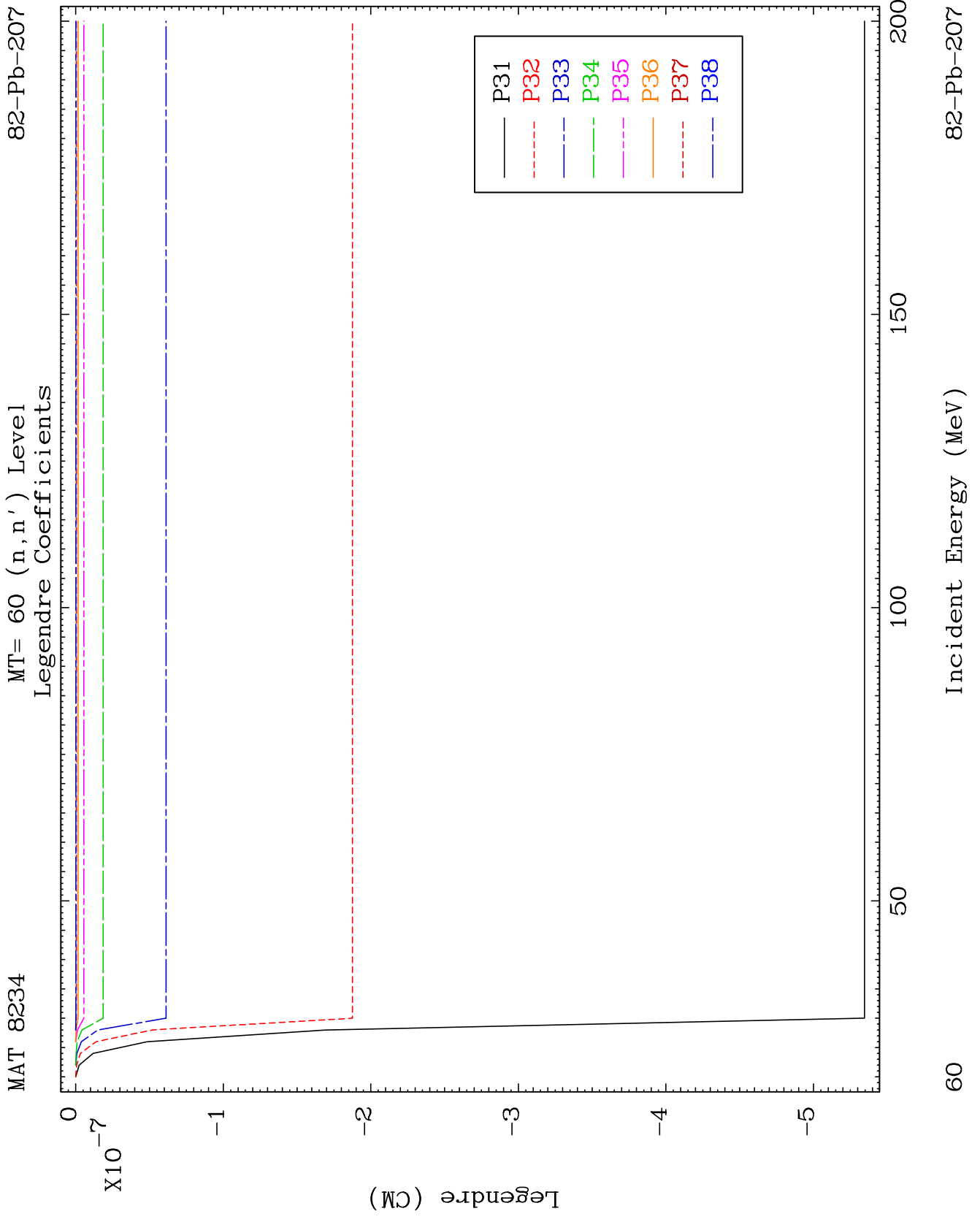
82-Pb-207

MAT 8234

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

82-Pb-207

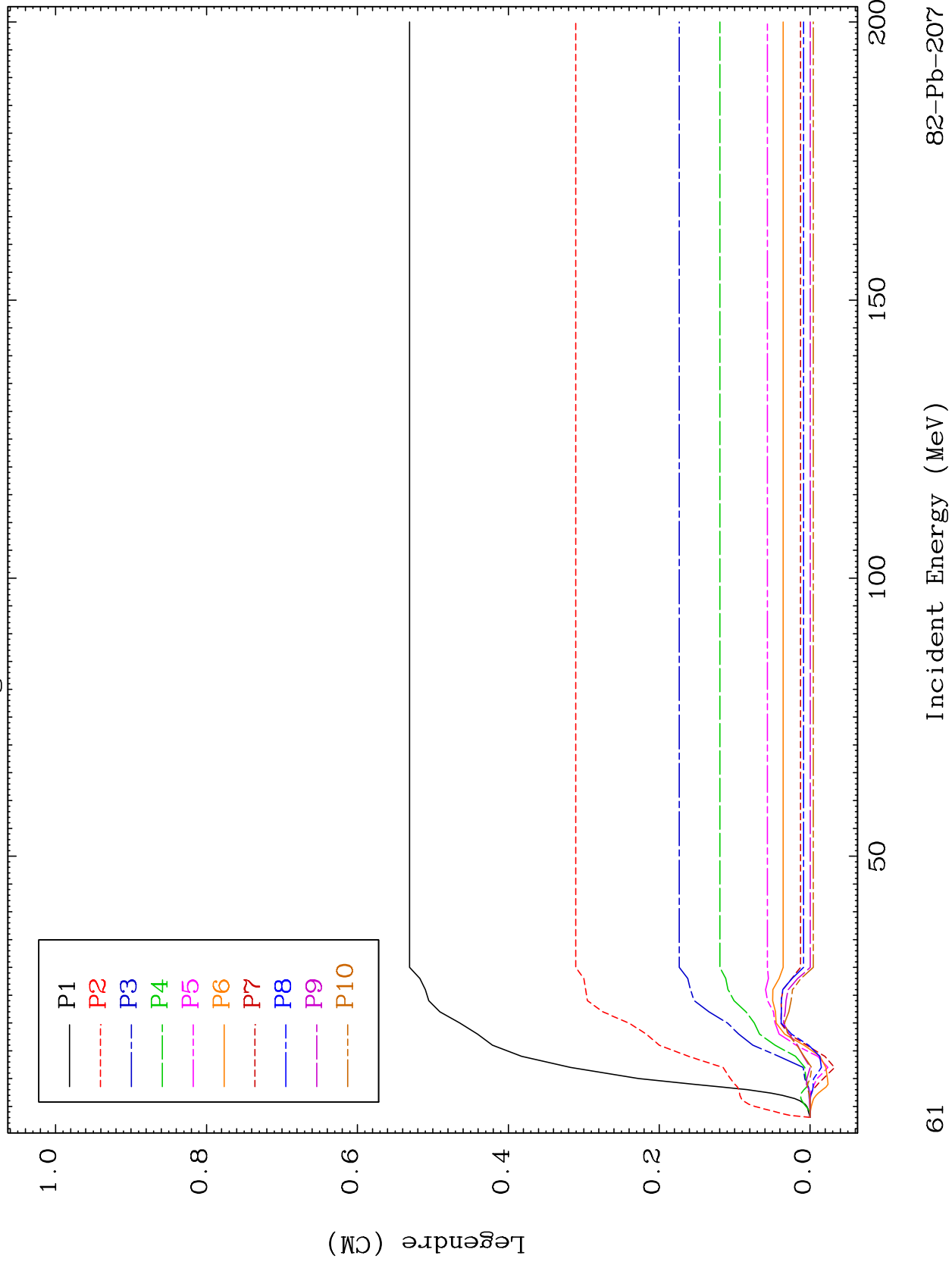




MAT 8234

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

82-Pb-207



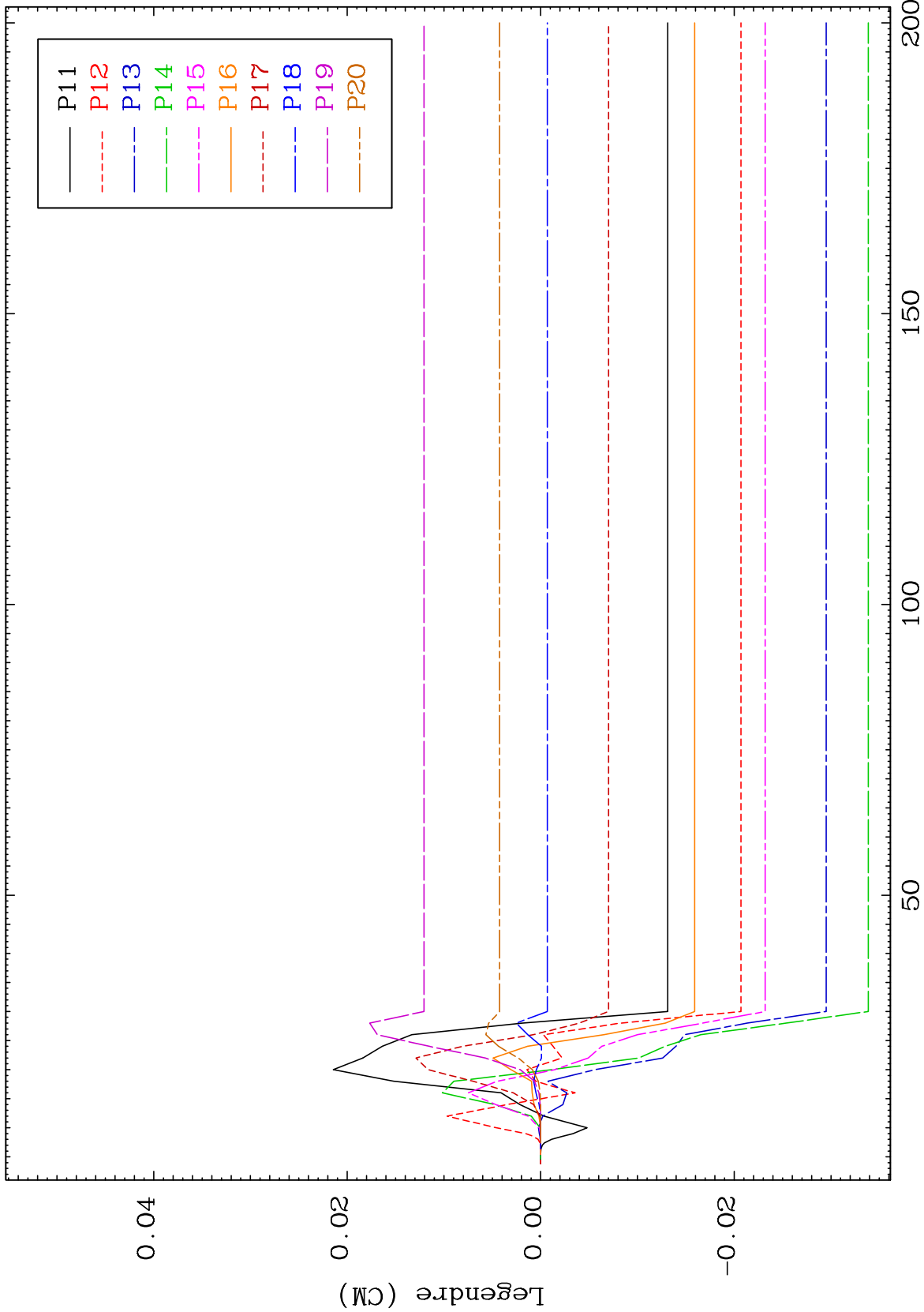
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82-Pb-207

MAT 8234

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

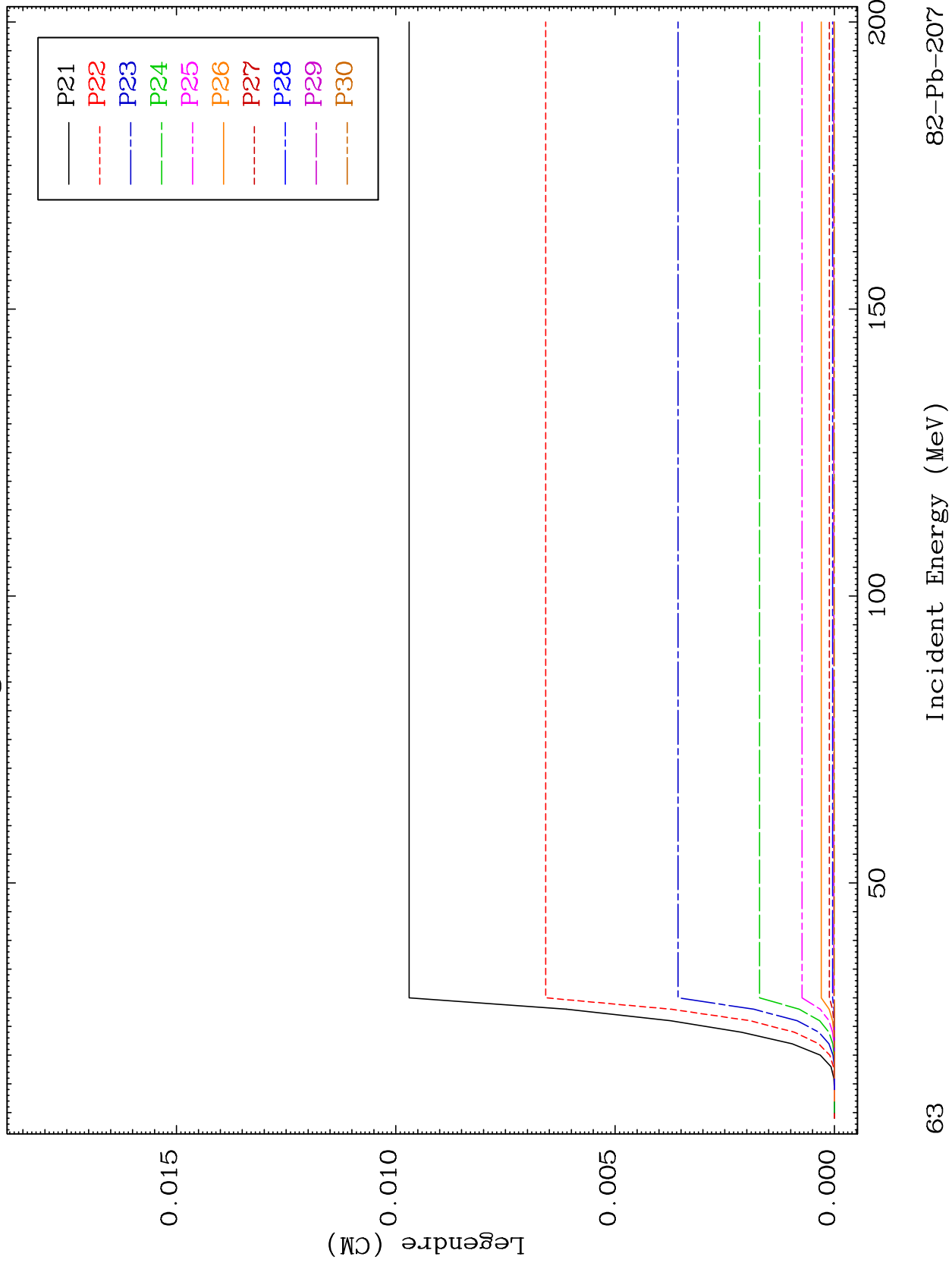
82-Pb-207



MAT 8234

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

82-Pb-207



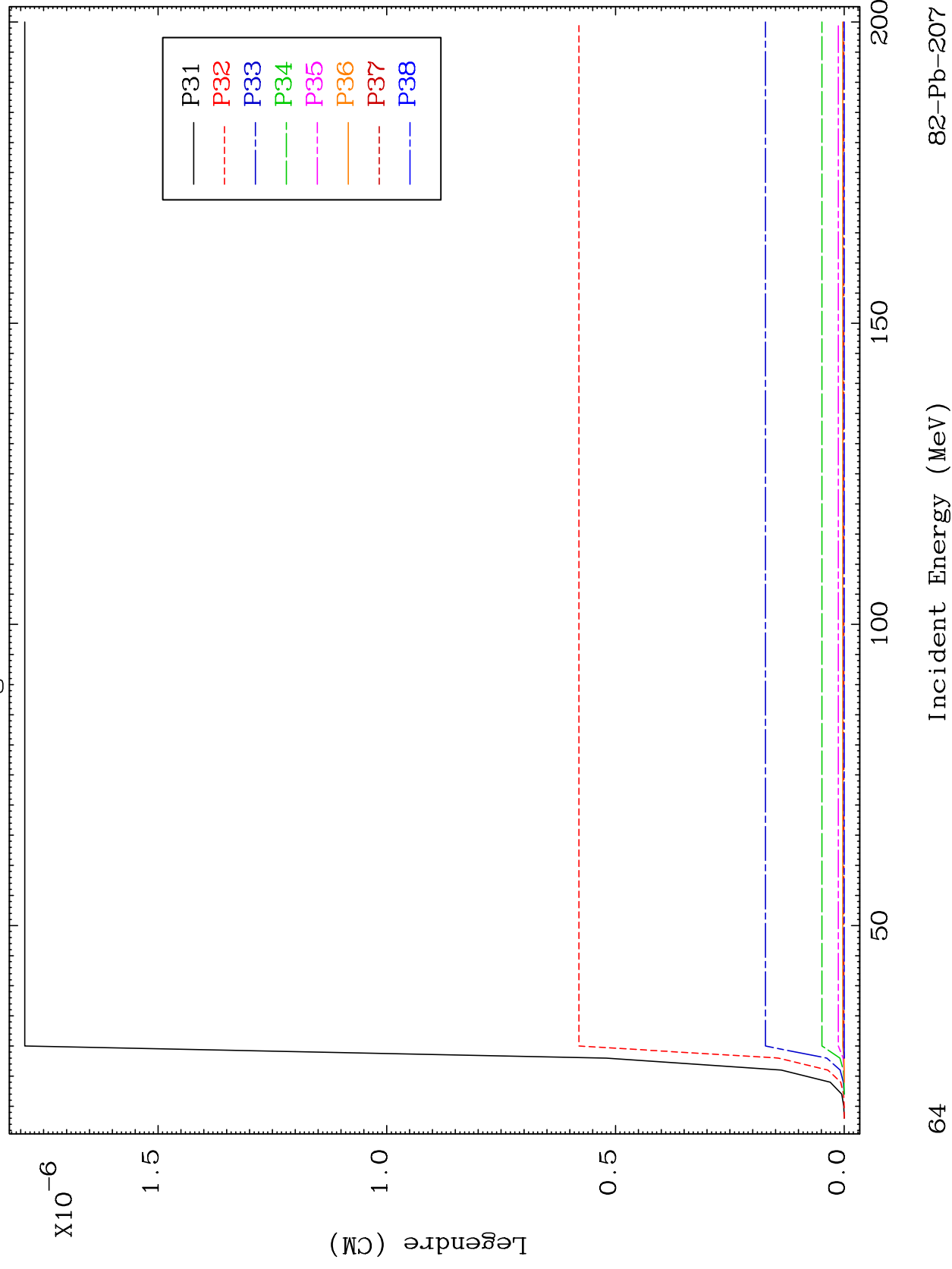
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82-Pb-207

MAT 8234

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

82-Pb-207

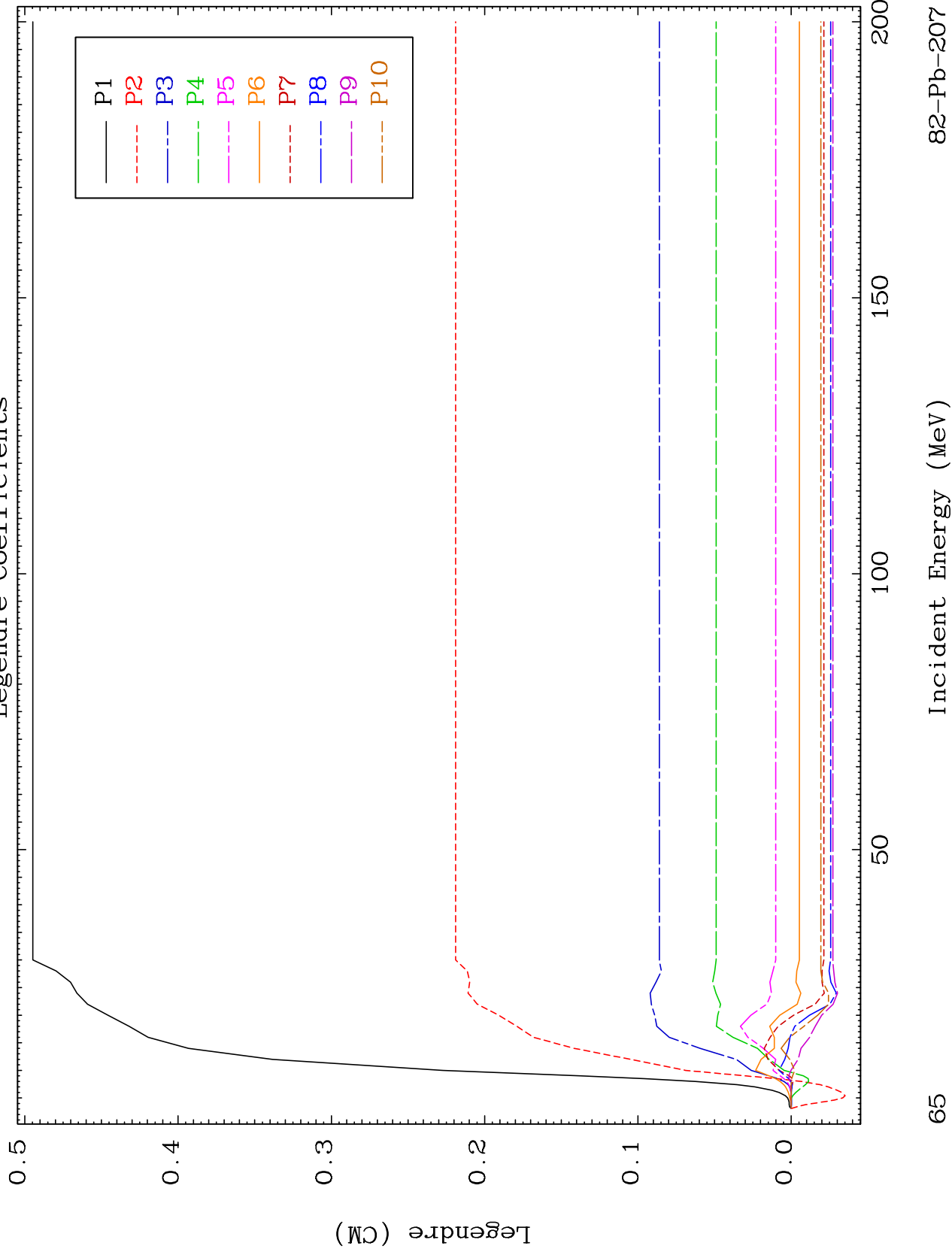


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MAT 8234

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

82-Pb-207



65

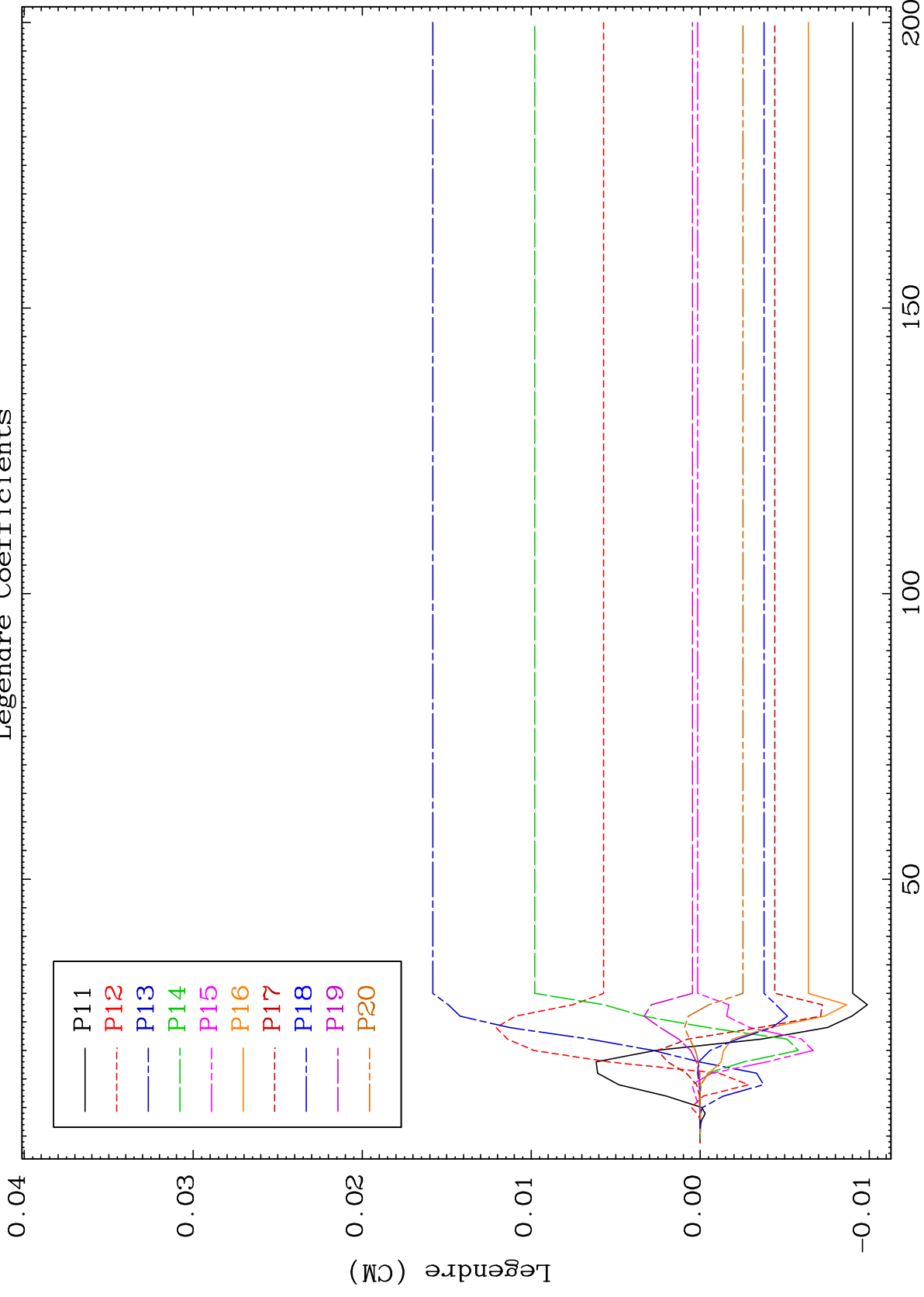
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

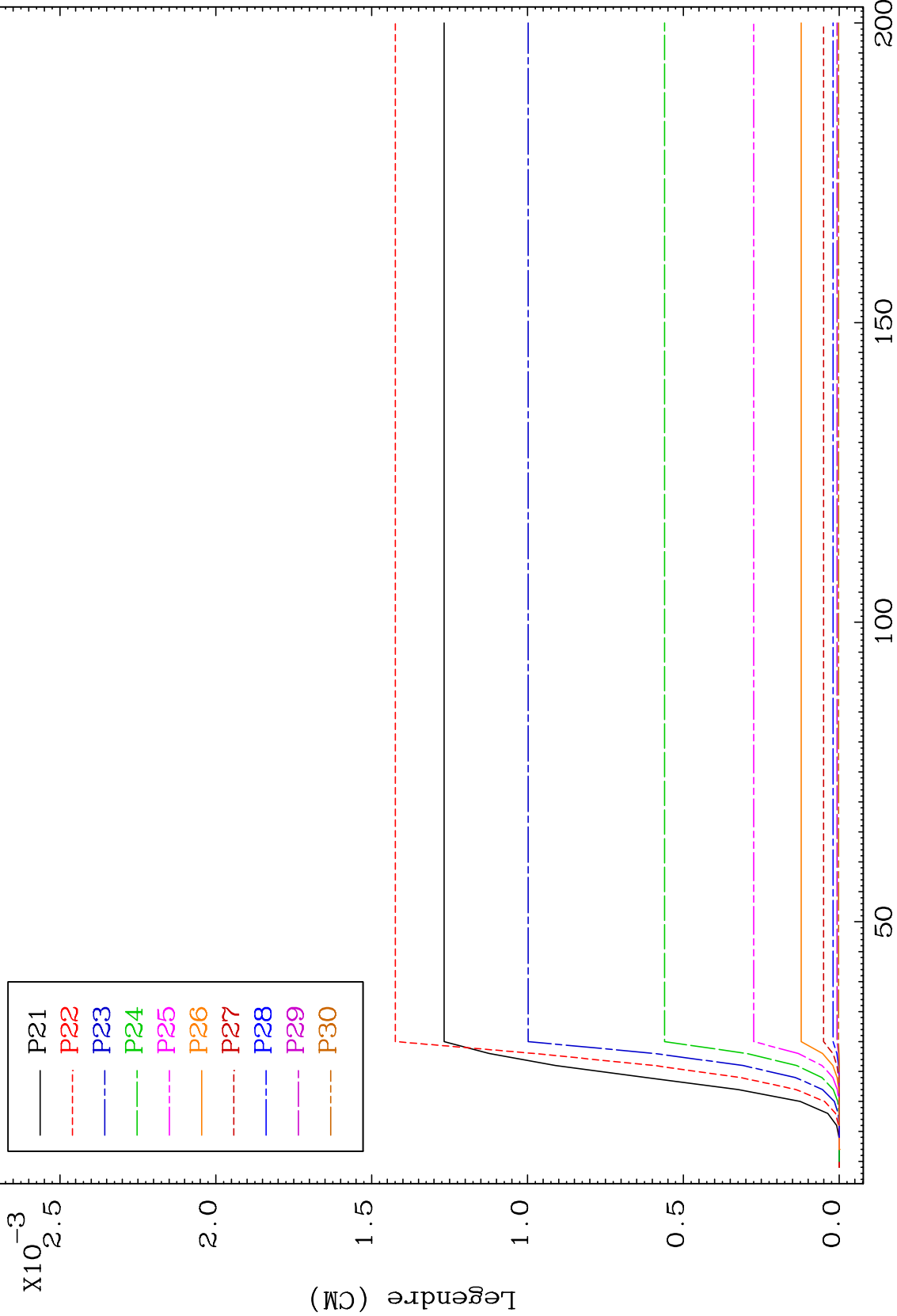
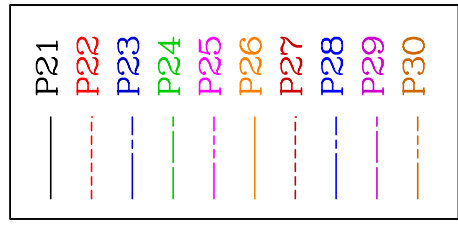
82-Pb-207



MAT 8234

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

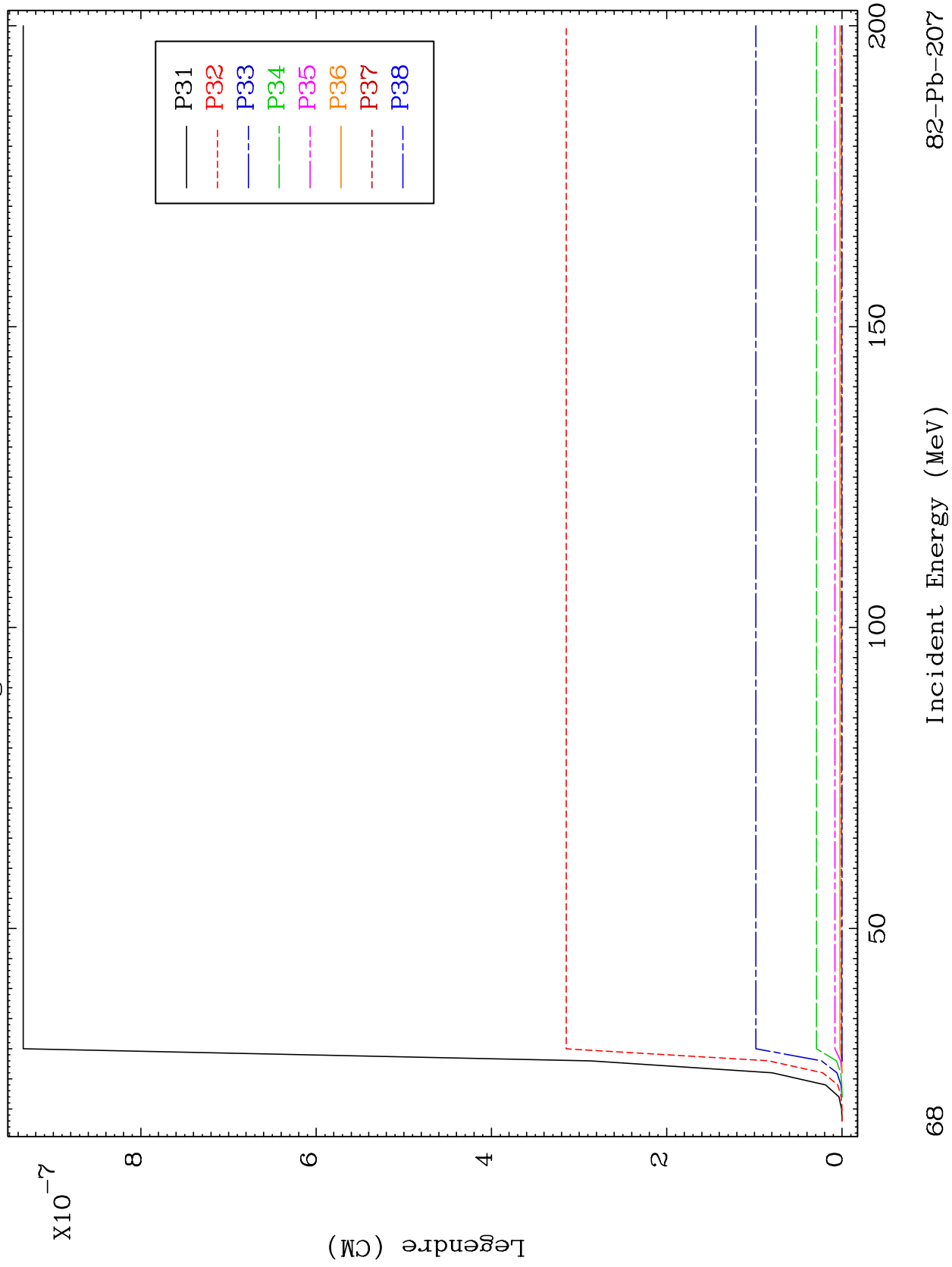
82-Pb-207



MAT 8234

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

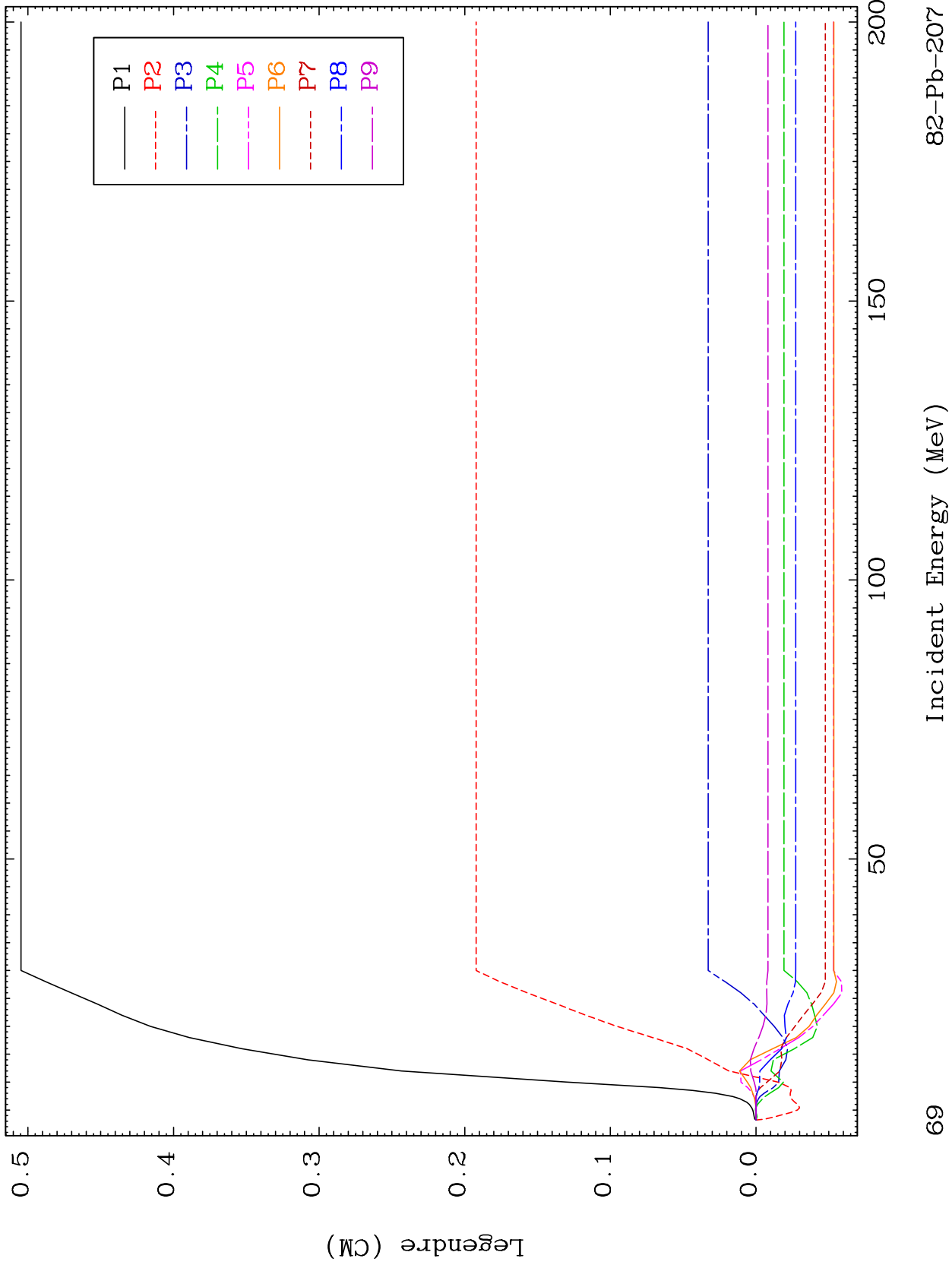
82-Pb-207



82-Pb-207

Incident Energy (MeV)

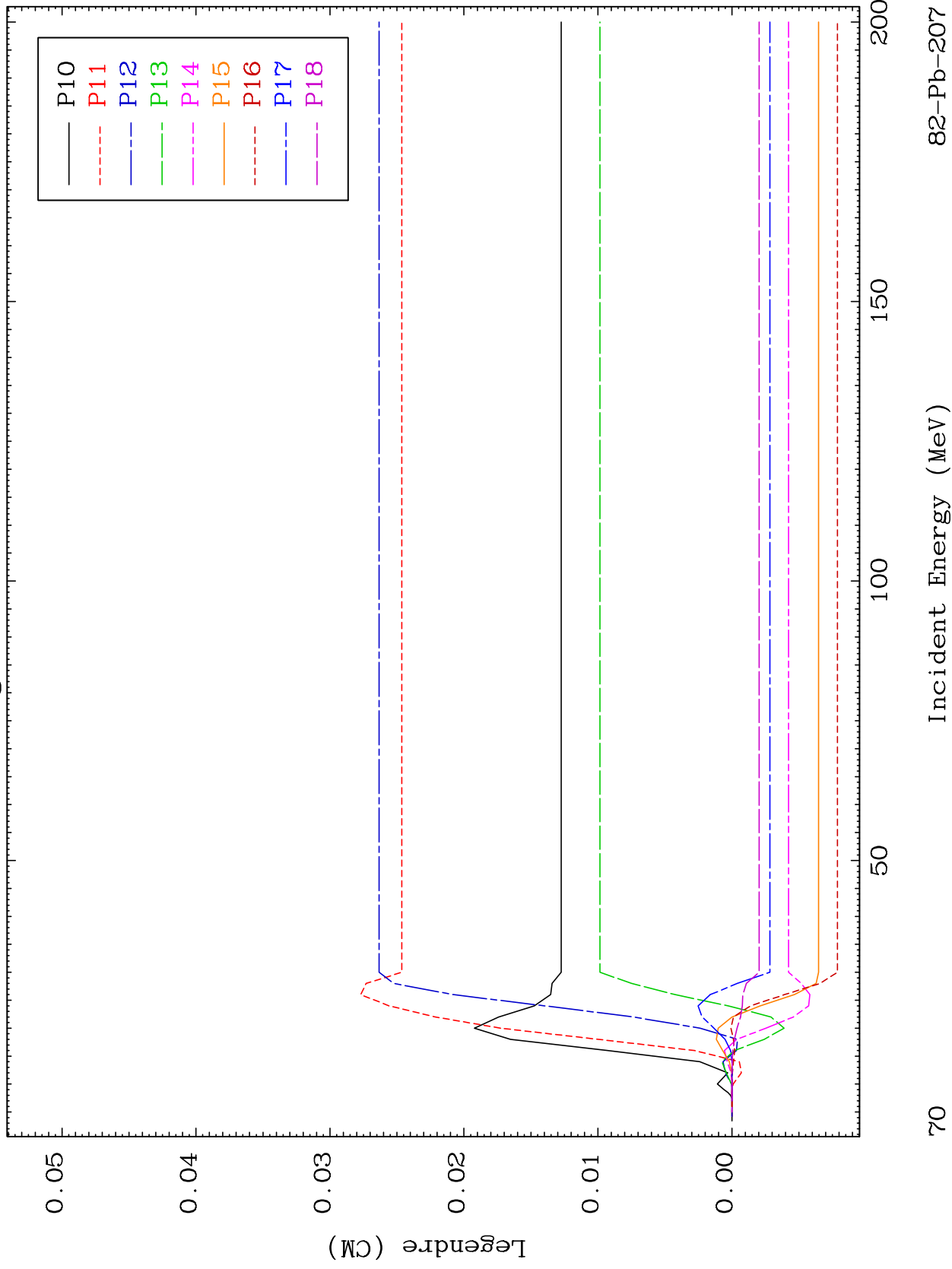
68



MAT 8234

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

82-Pb-207



70

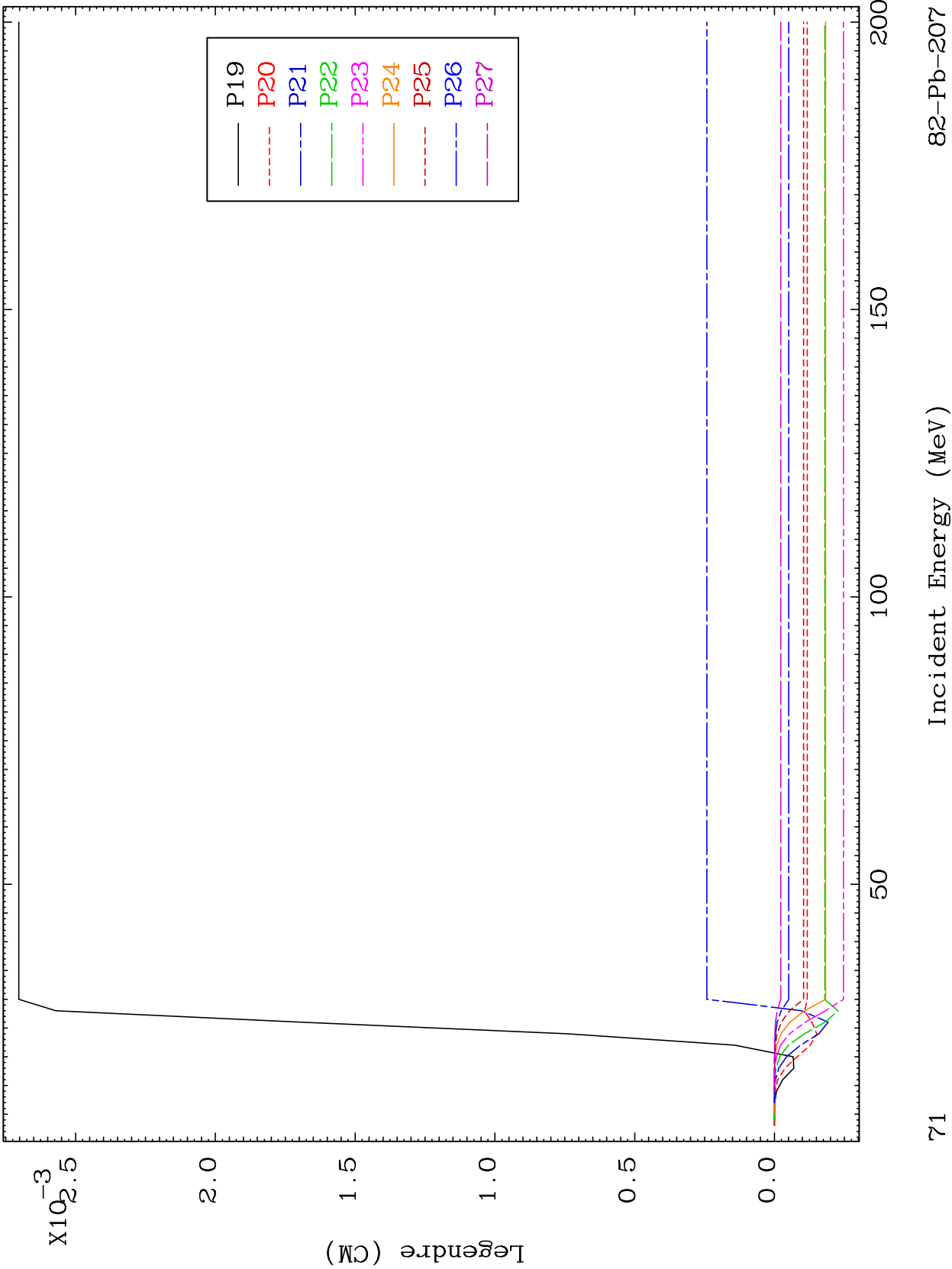
Incident Energy (MeV)

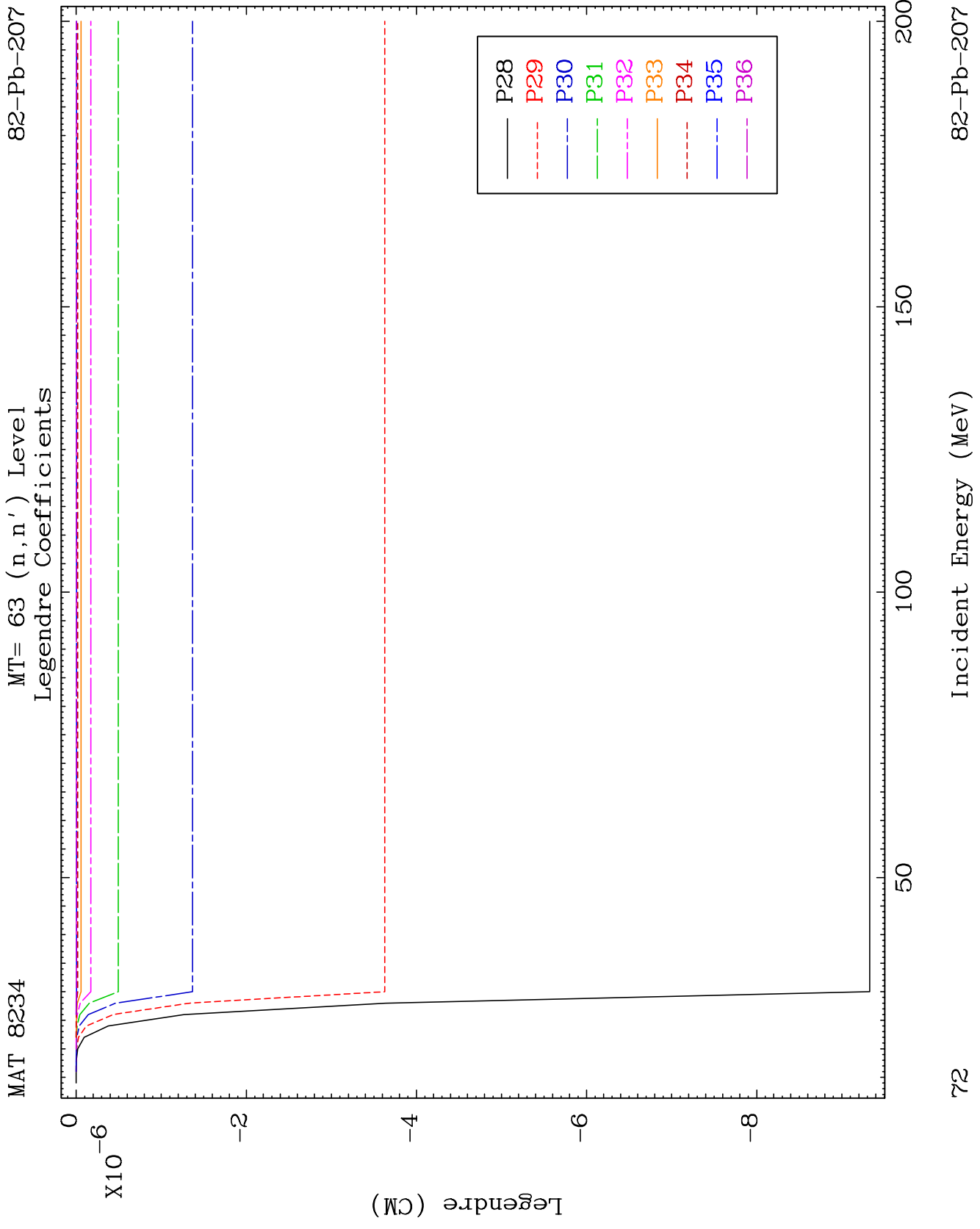
82-Pb-207

MAT 8234

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

82-Pb-207

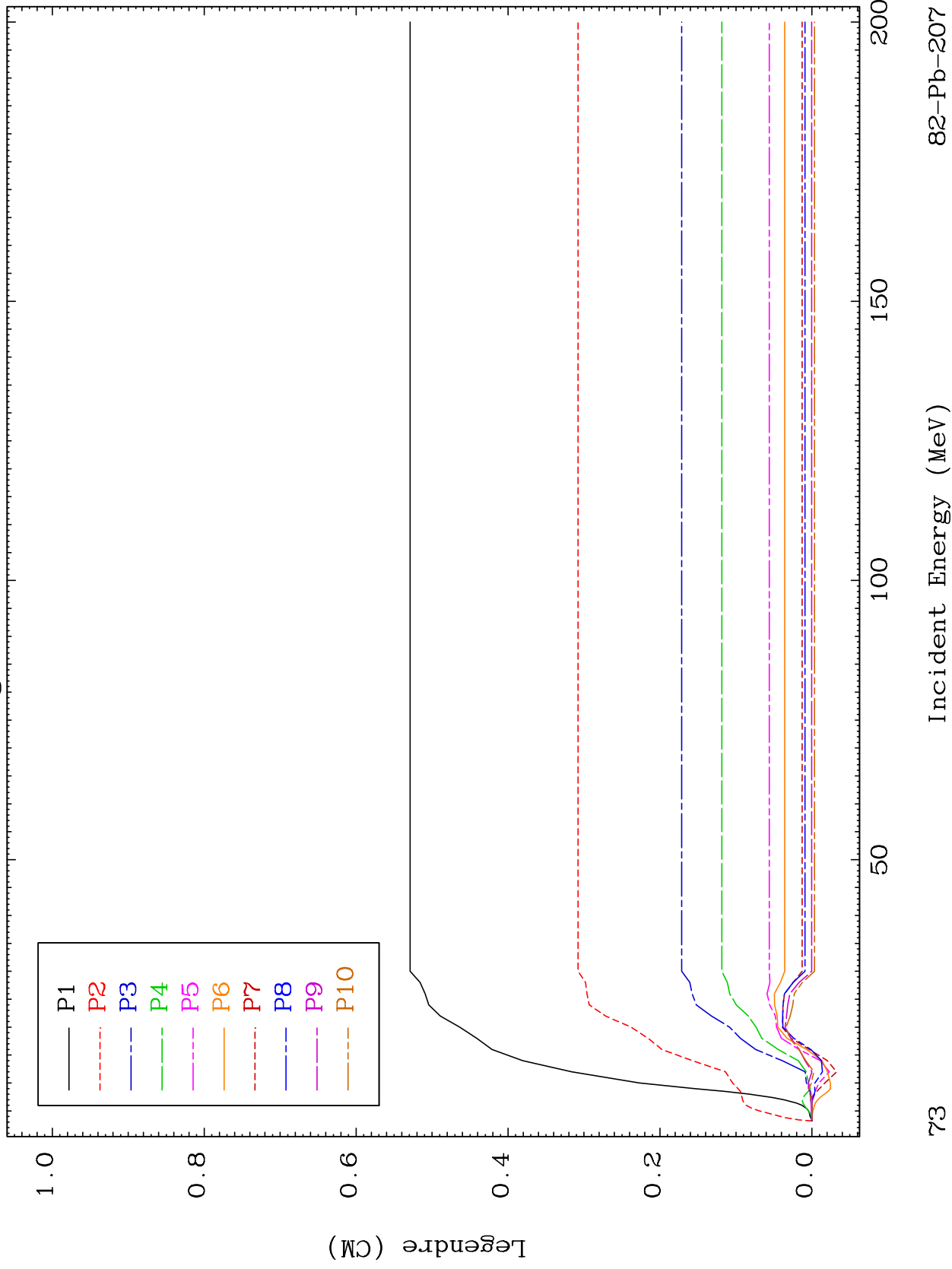




MAT 8234

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

82-Pb-207

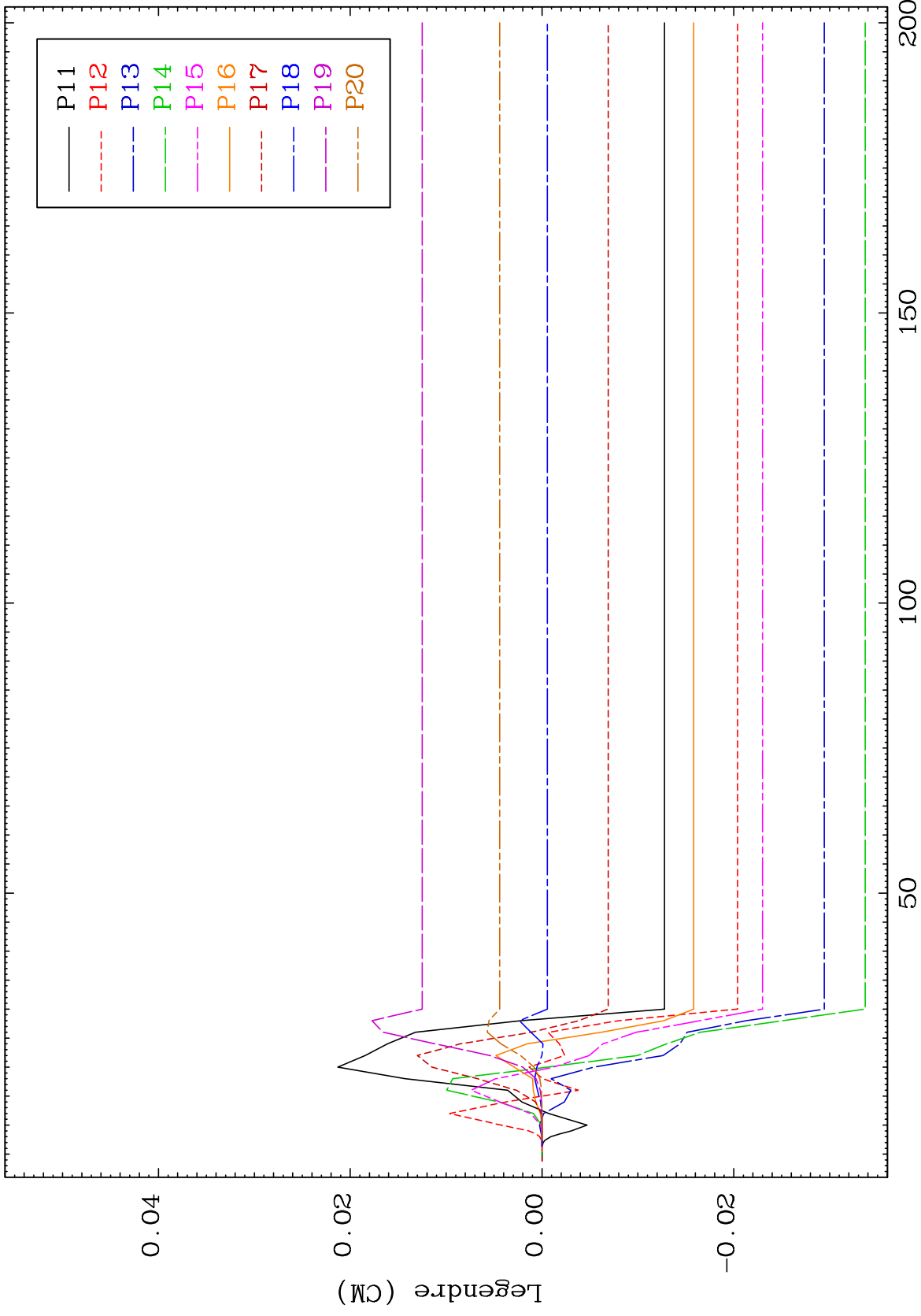


73

MAT 8234

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

82-Pb-207



74

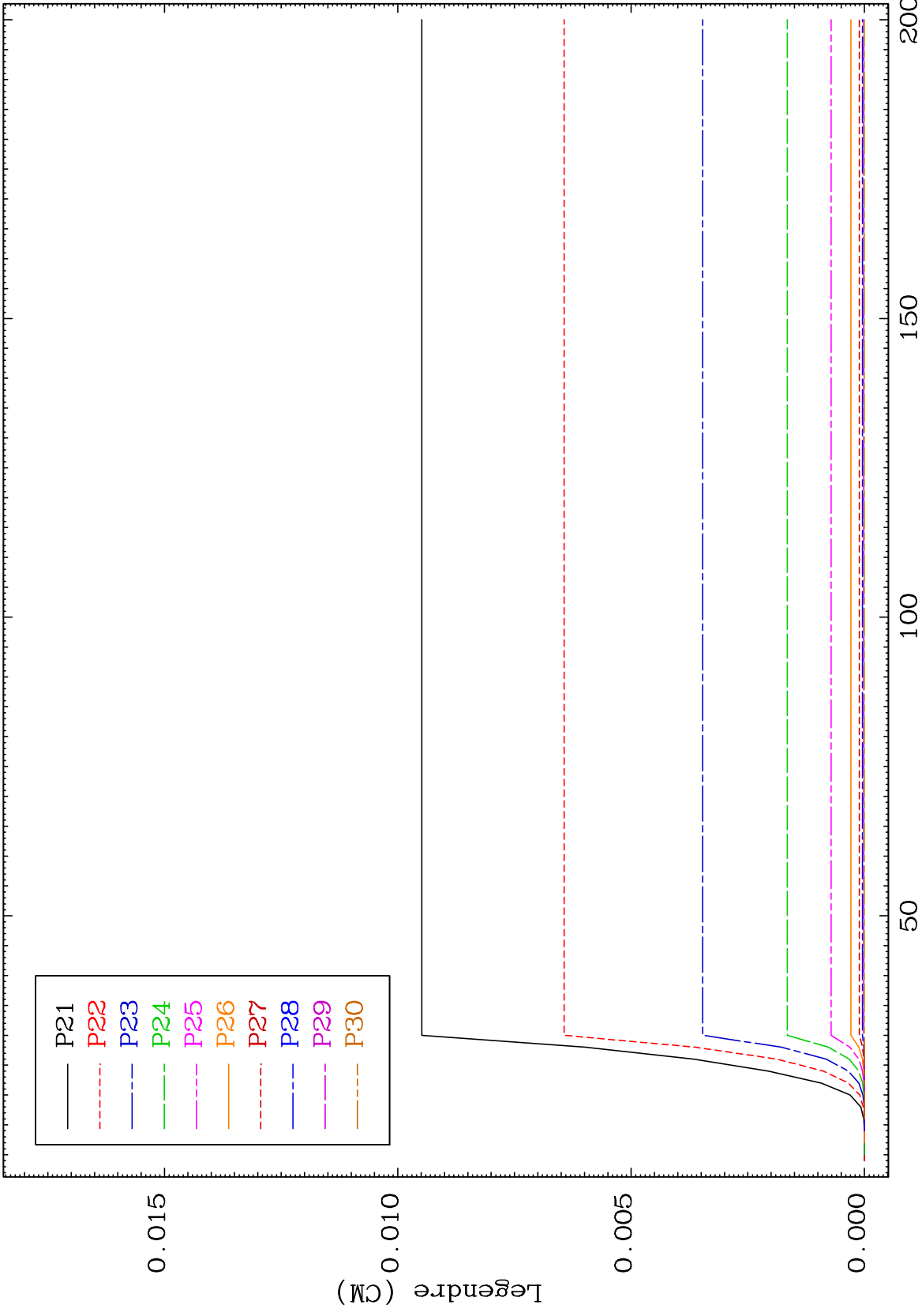
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



75

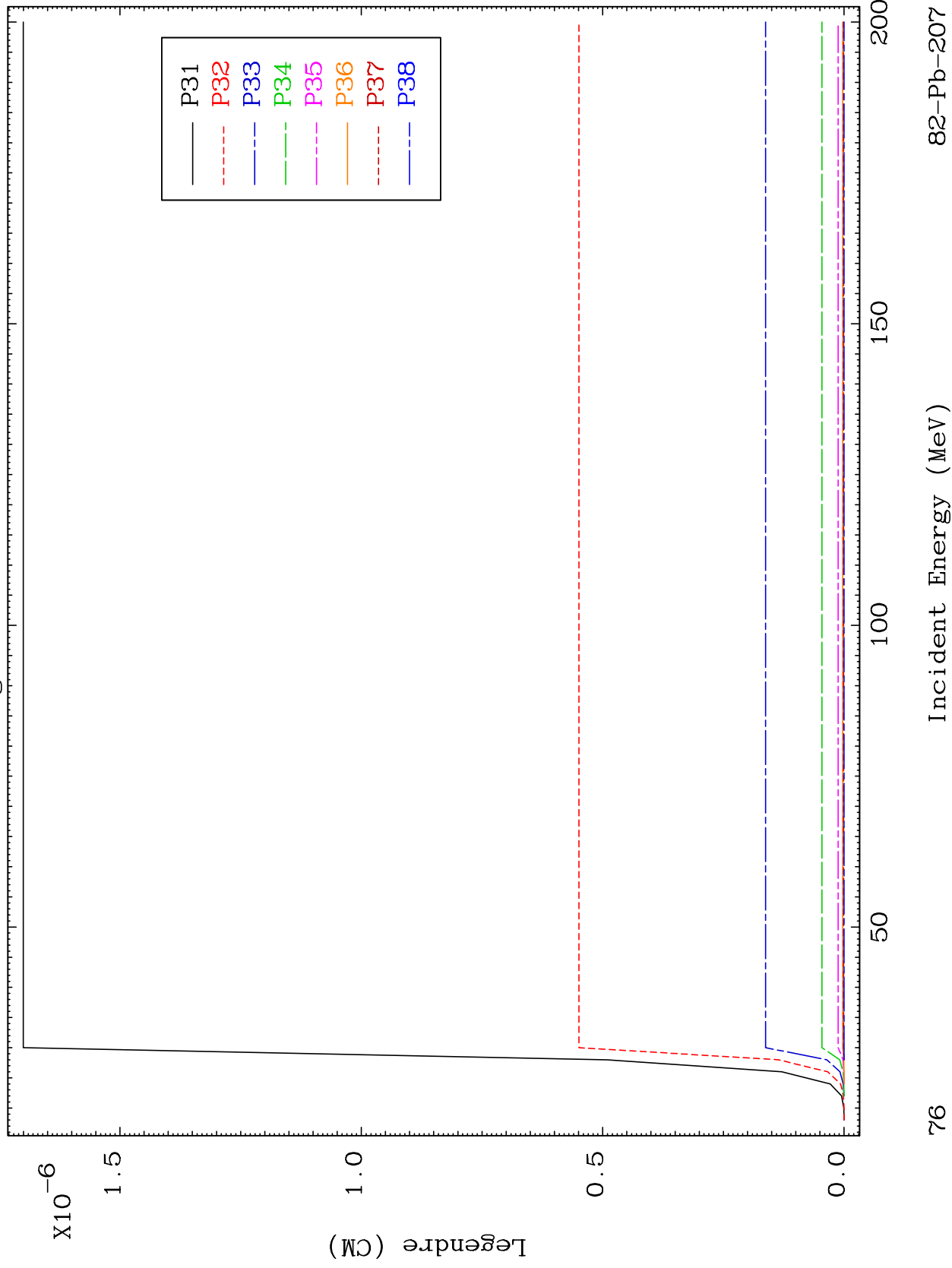
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207

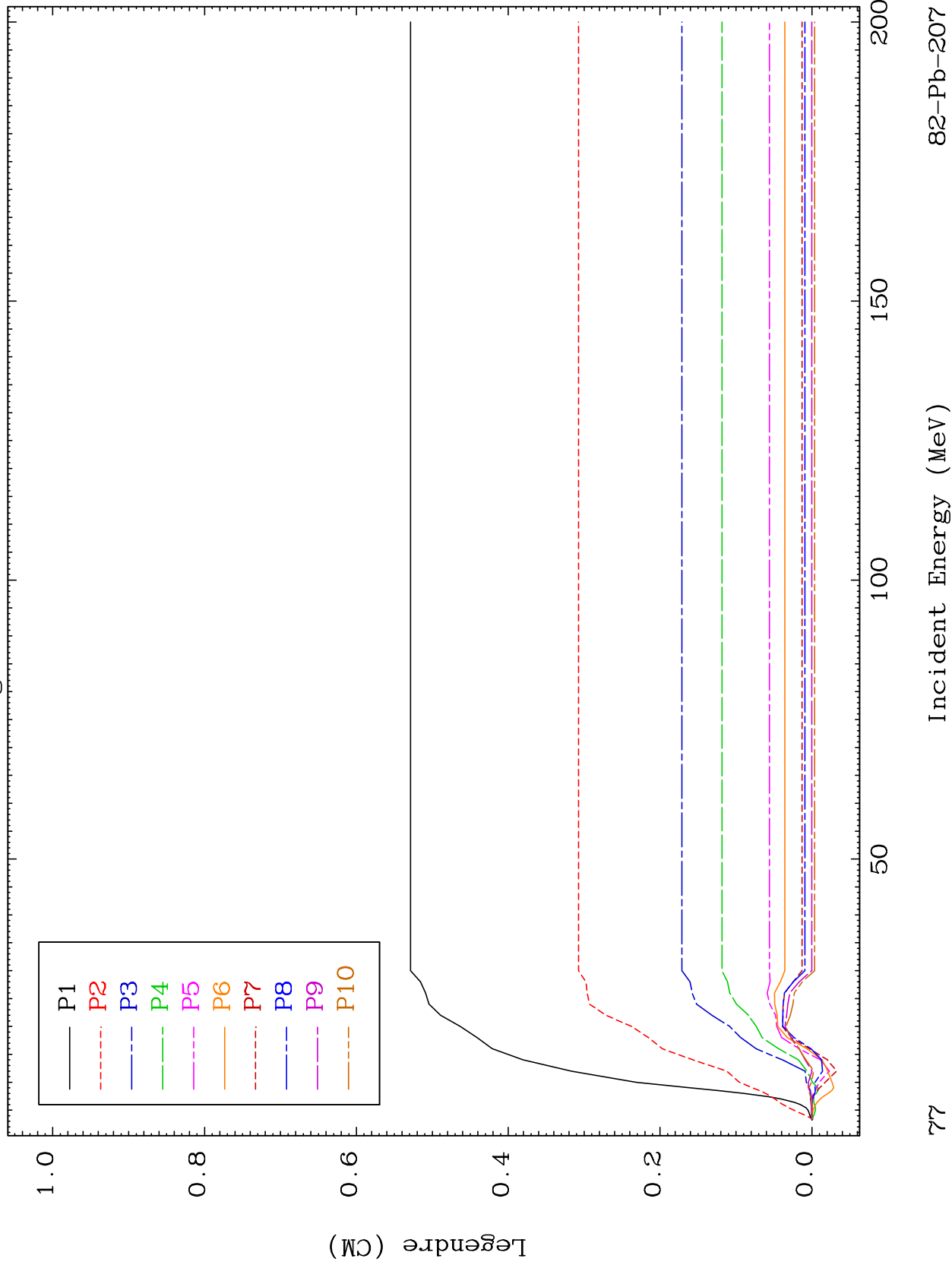


76

MAT 8234

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

82-Pb-207



77

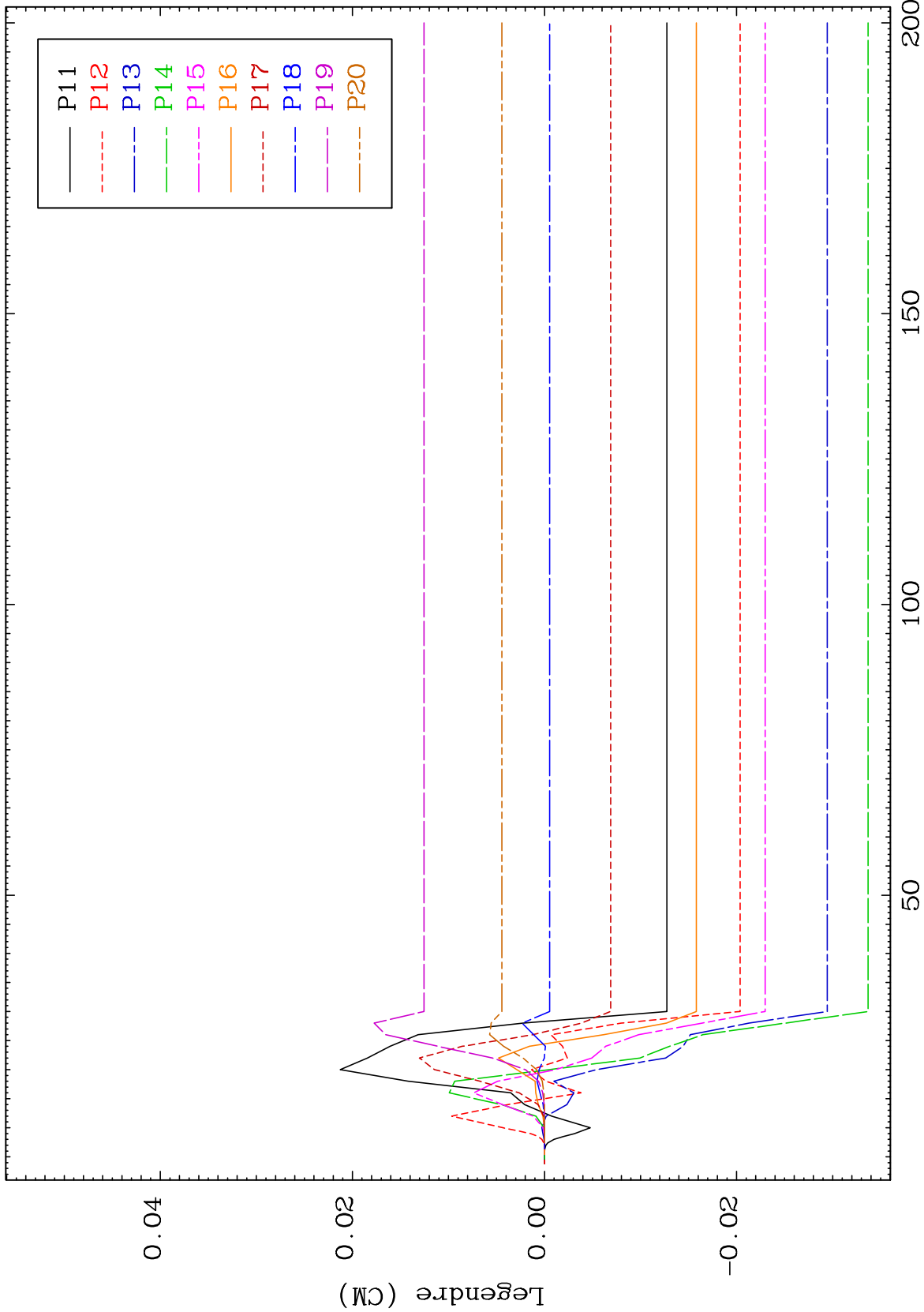
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



78

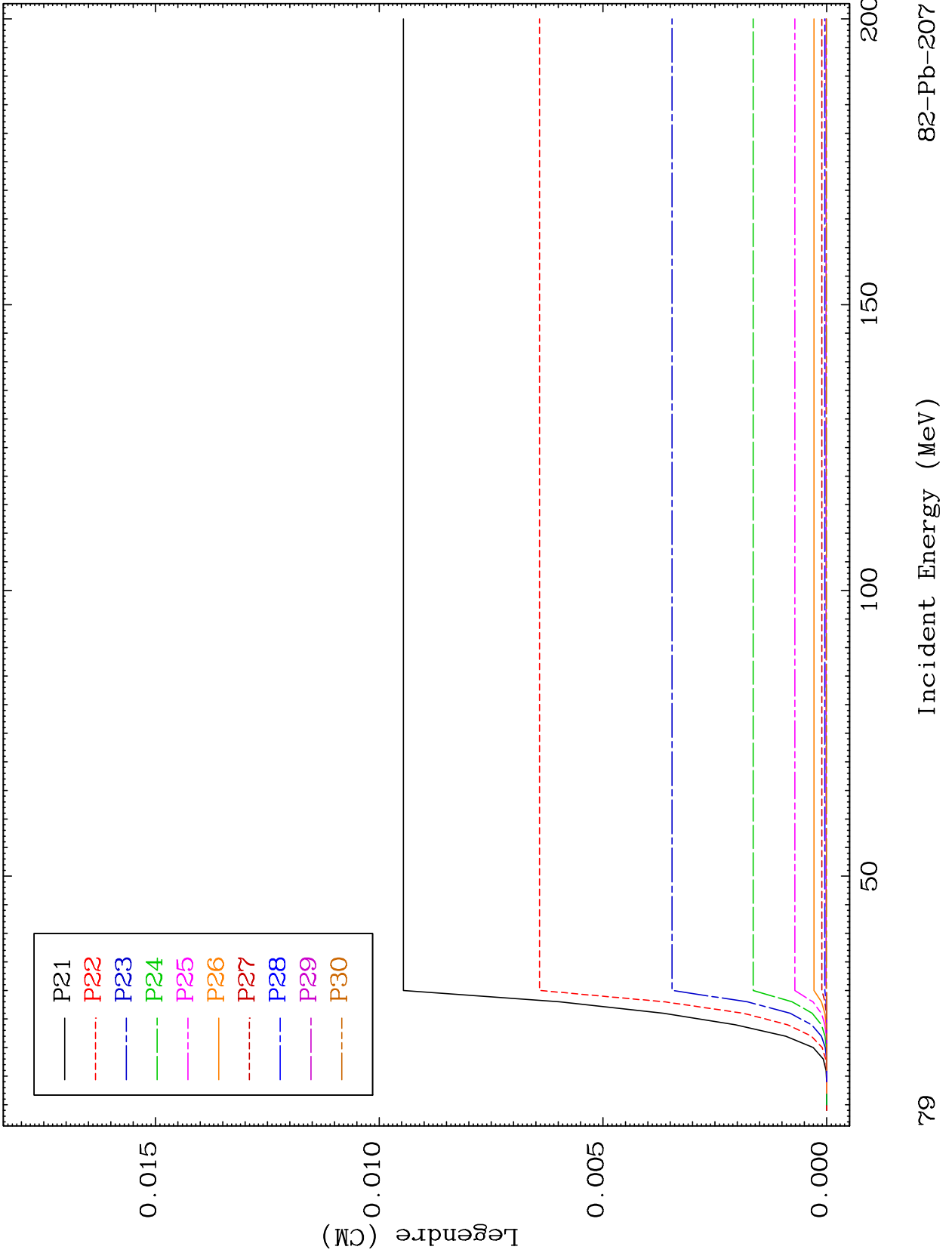
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



79

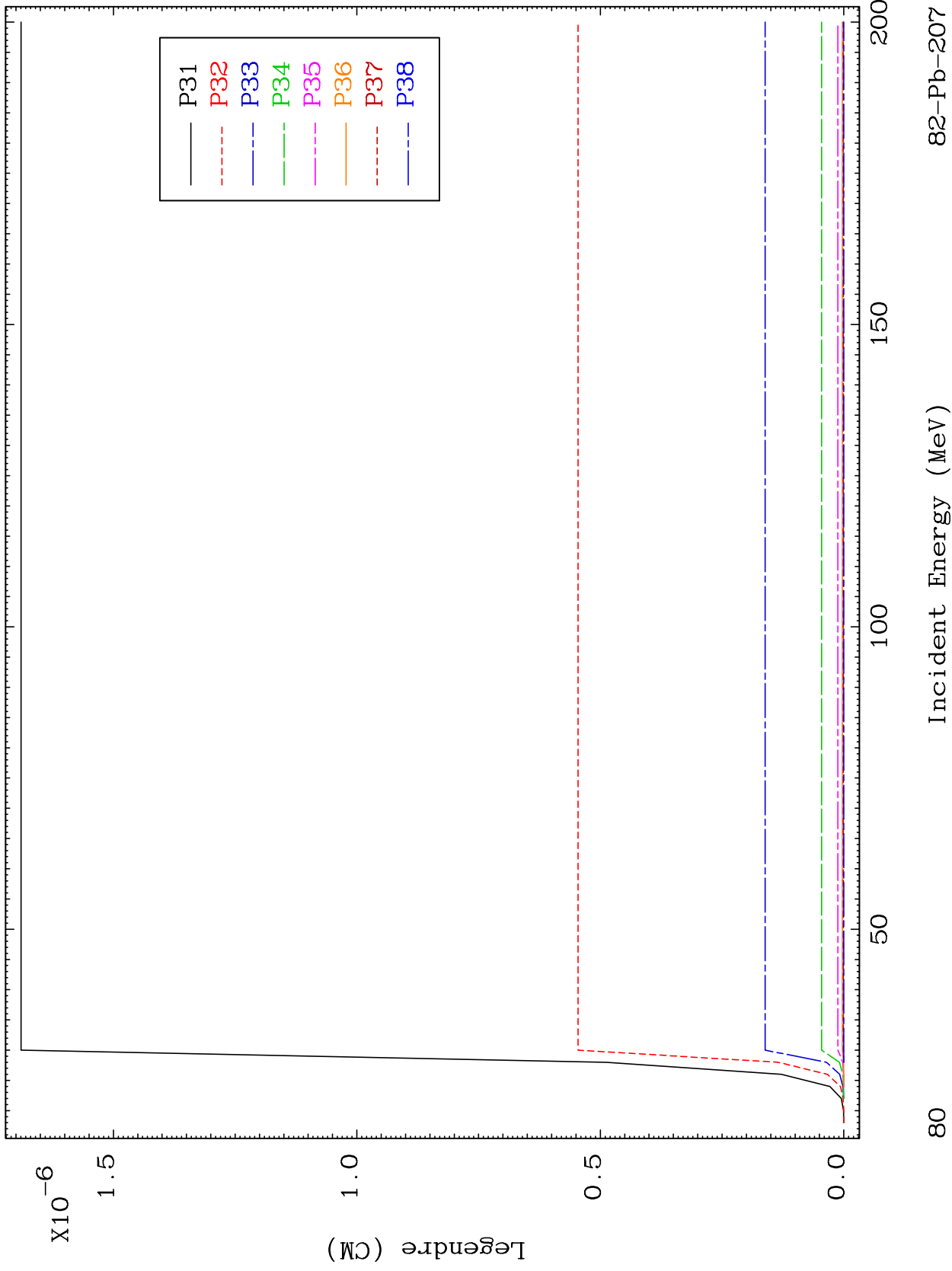
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

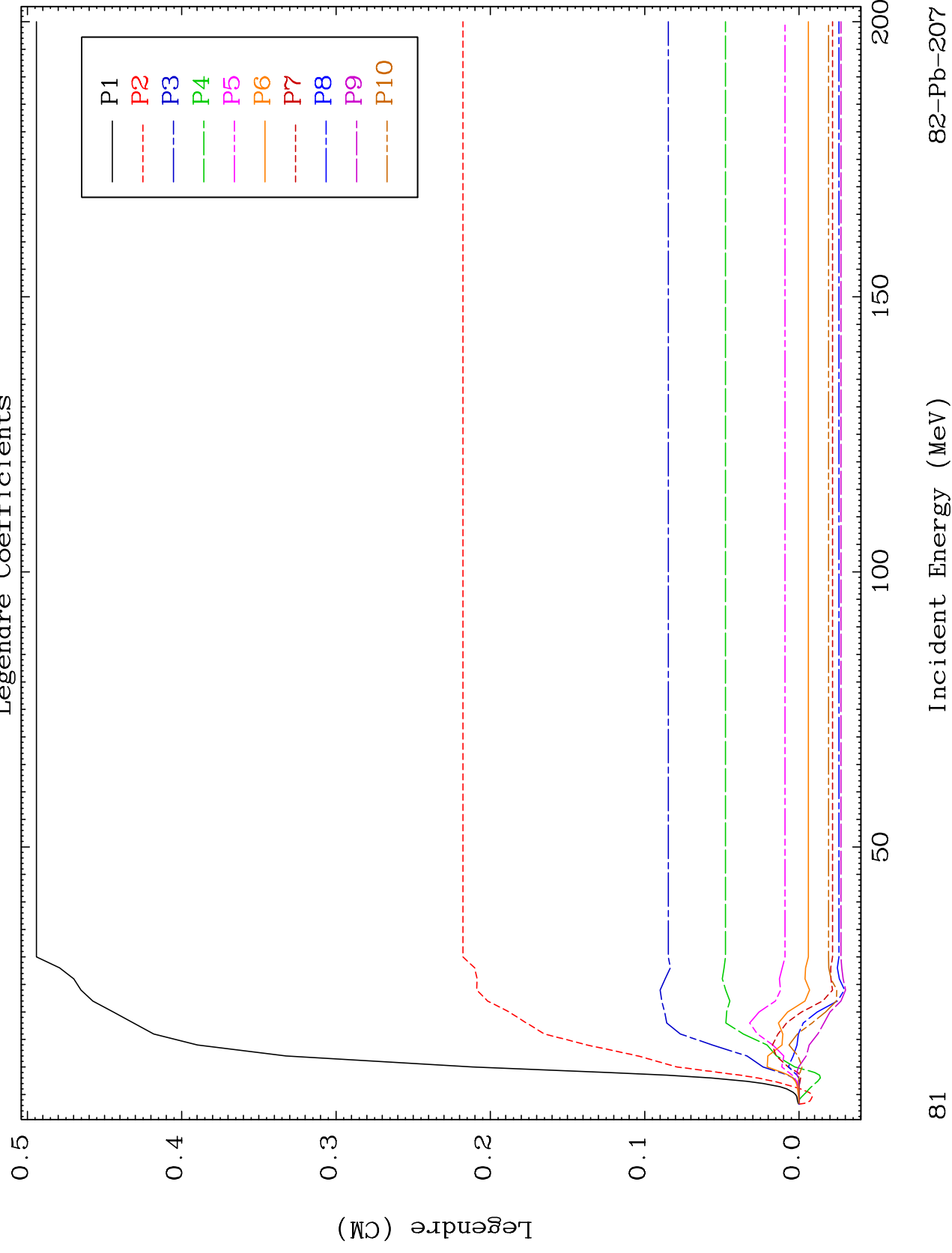
82-Pb-207

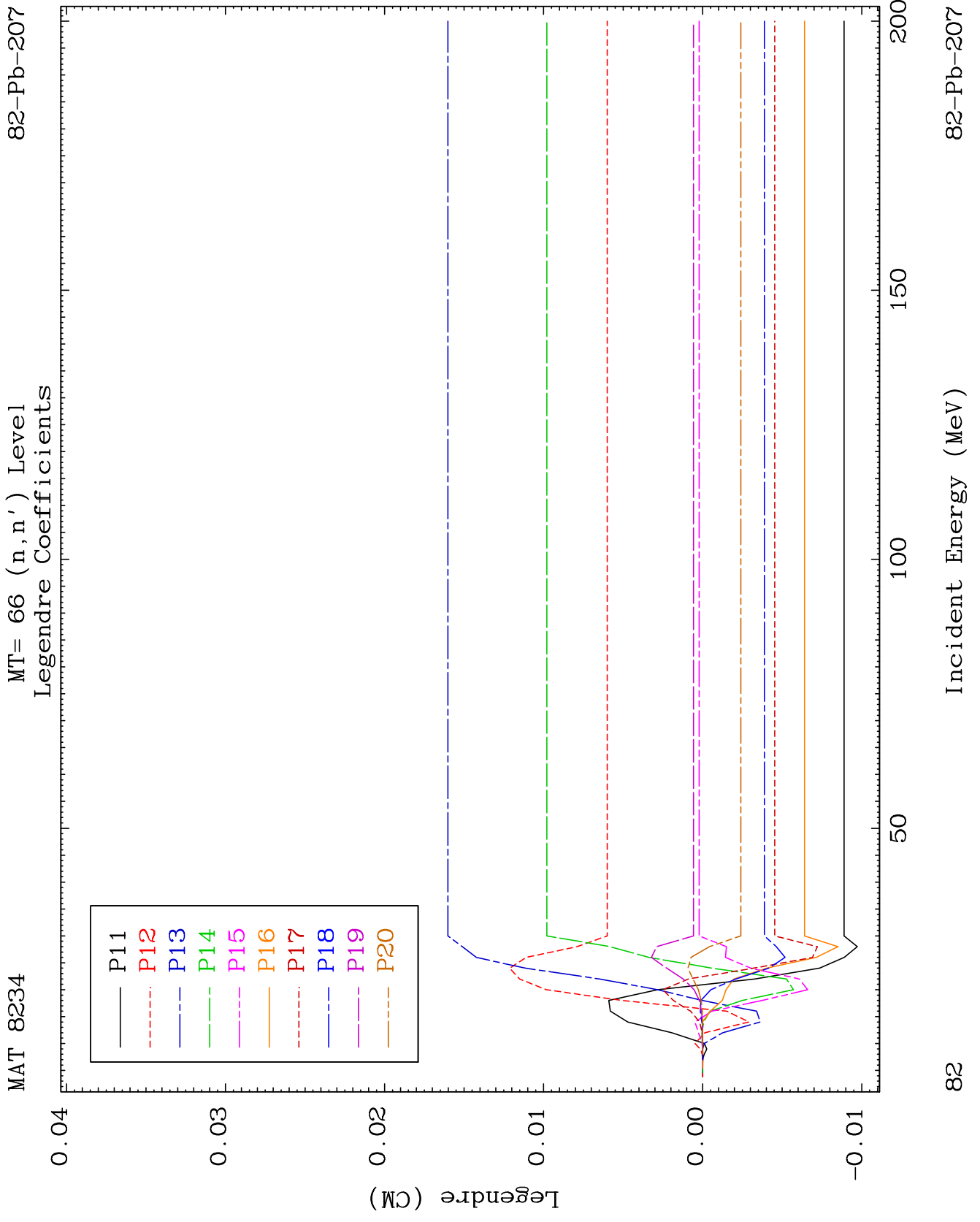


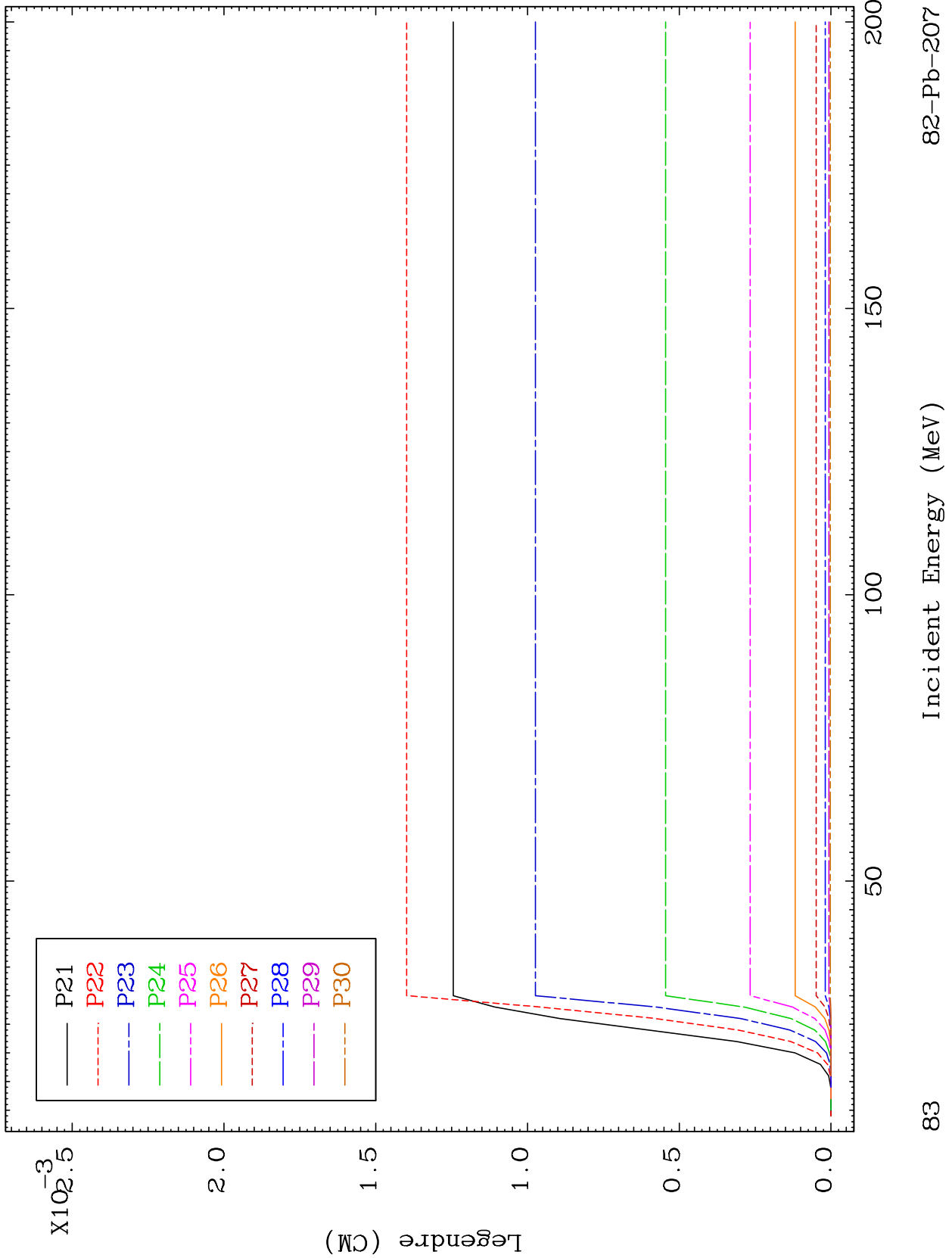
MAT 8234

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

82-Pb-207



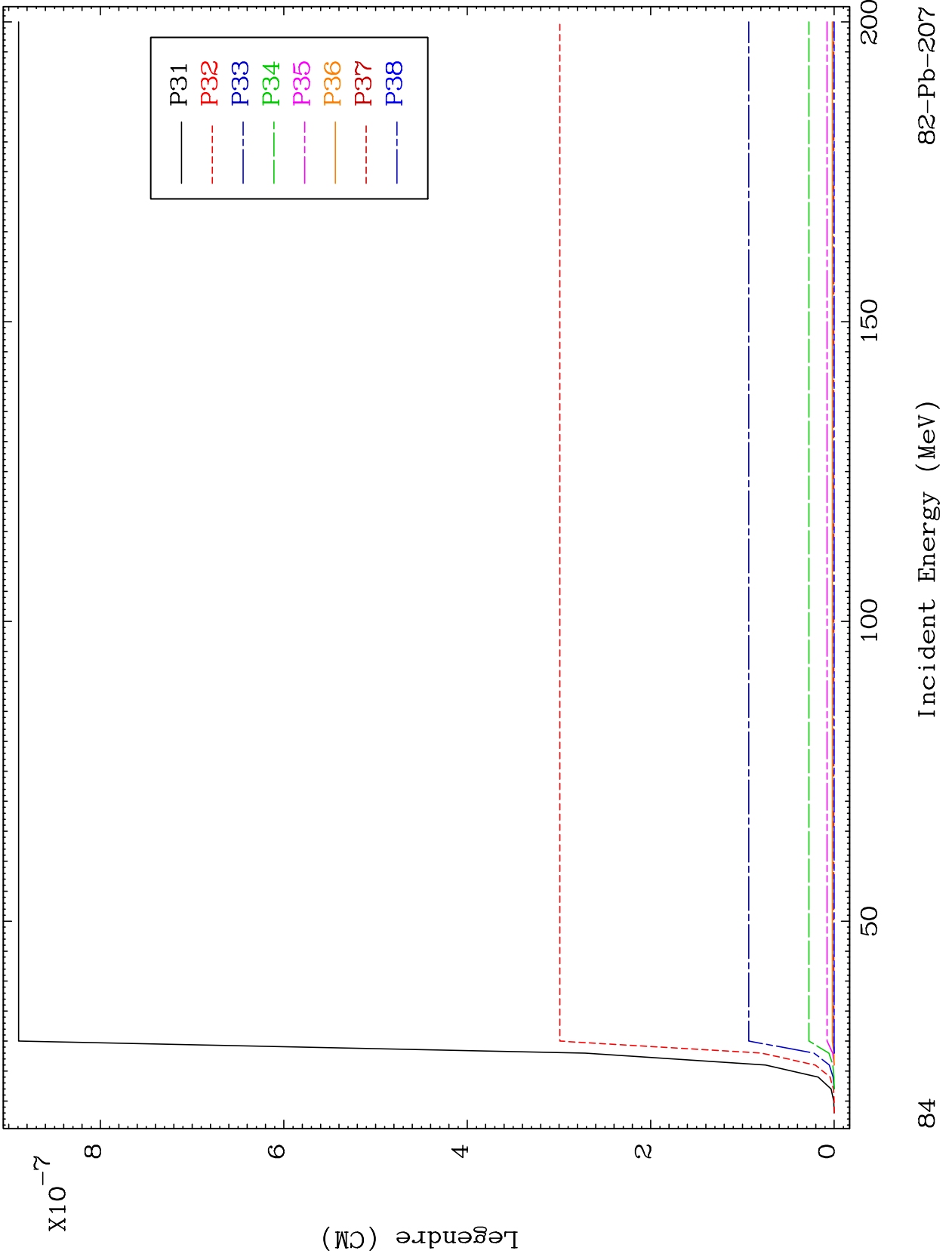




MAT 8234

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

82-Pb-207



84

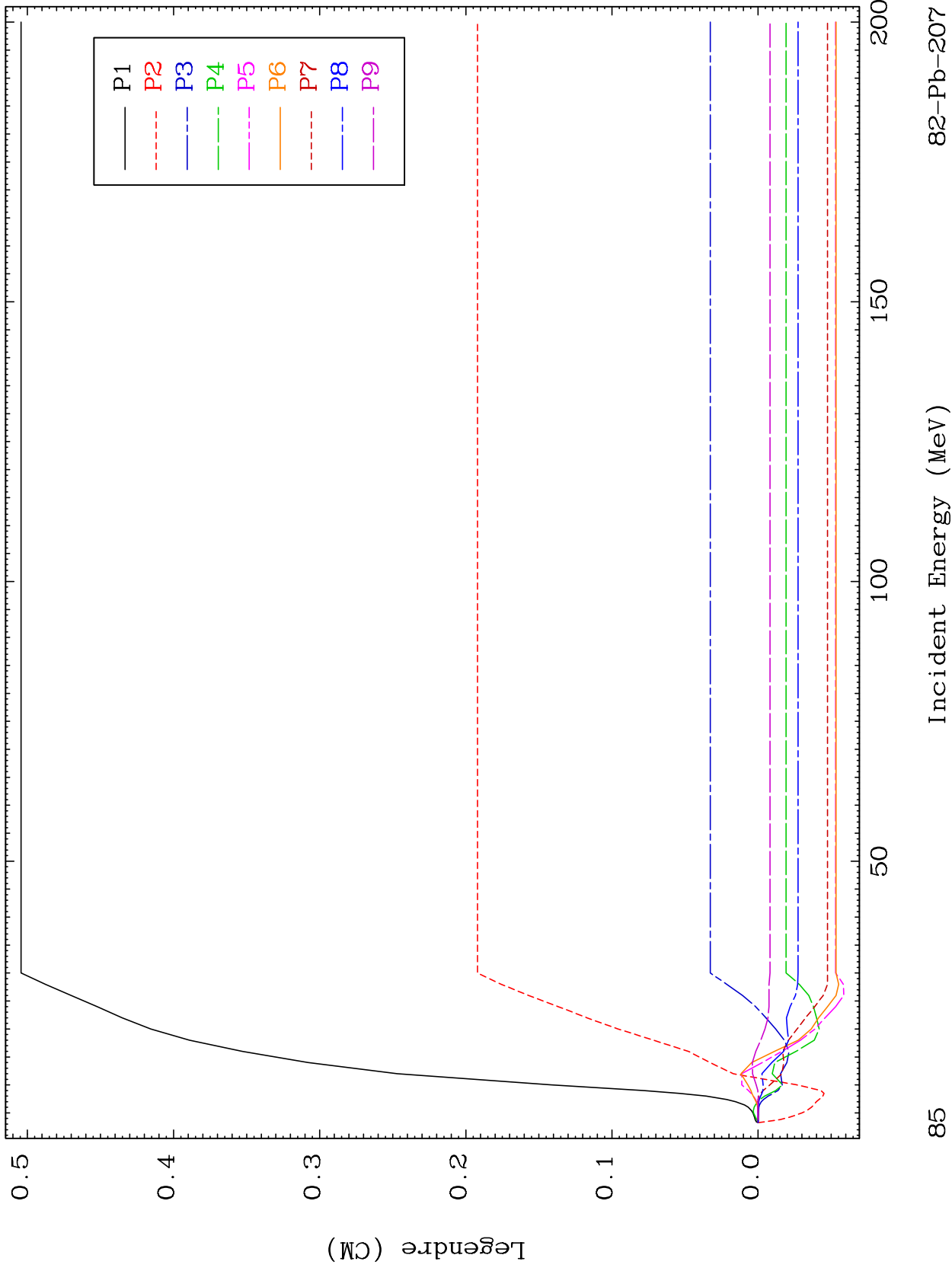
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

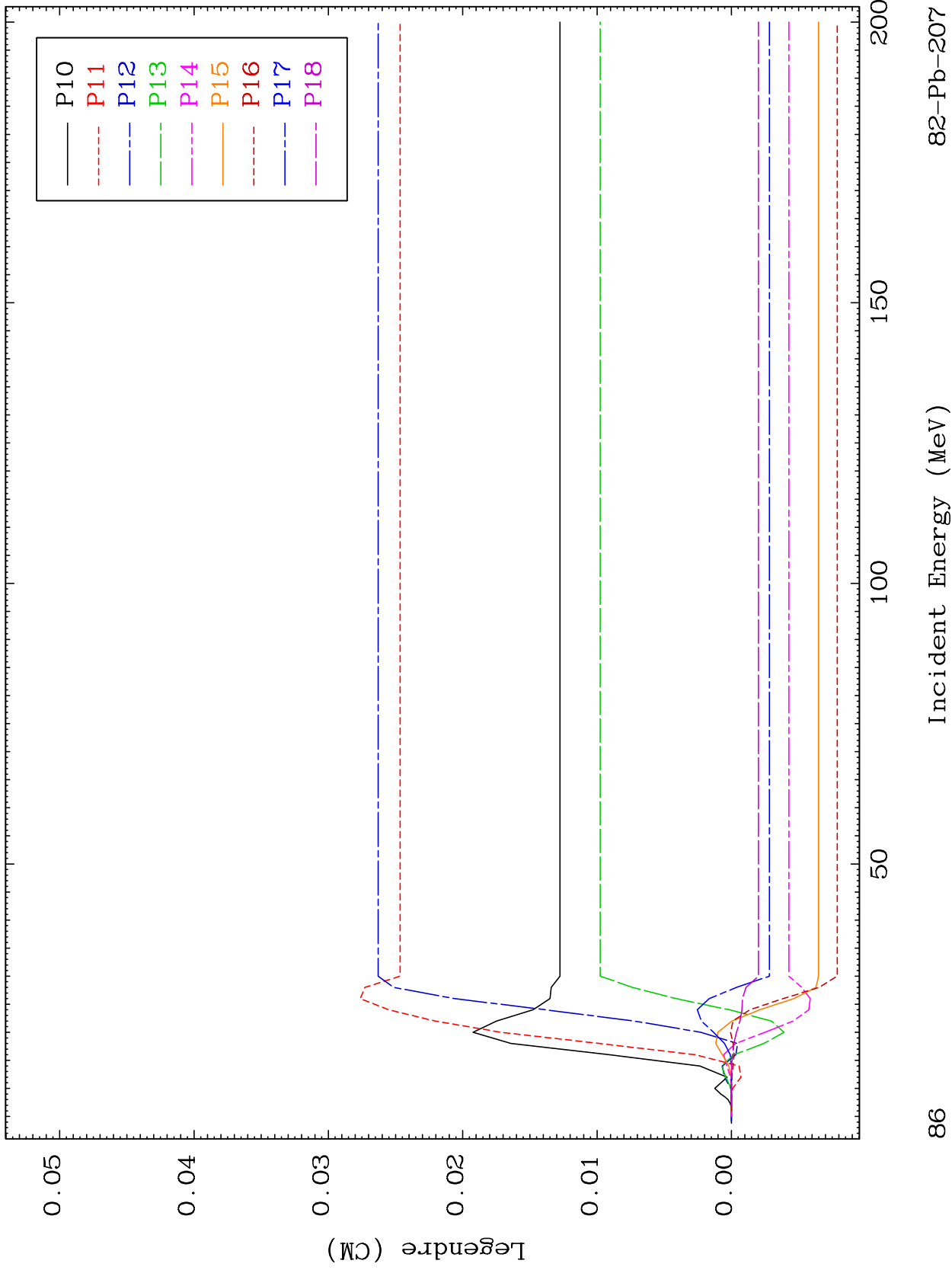
82-Pb-207



85

Incident Energy (MeV)

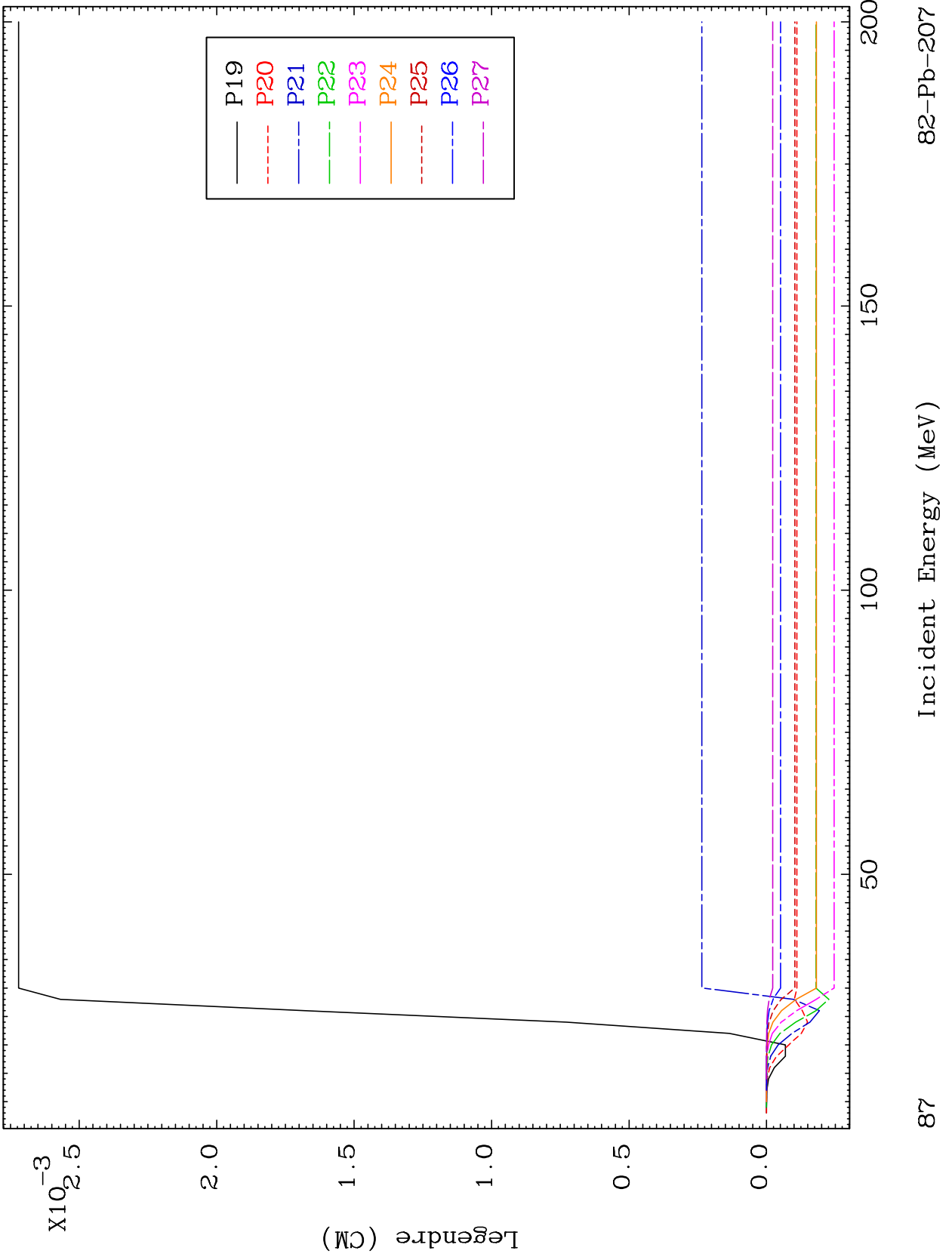
82-Pb-207



MAT 8234

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

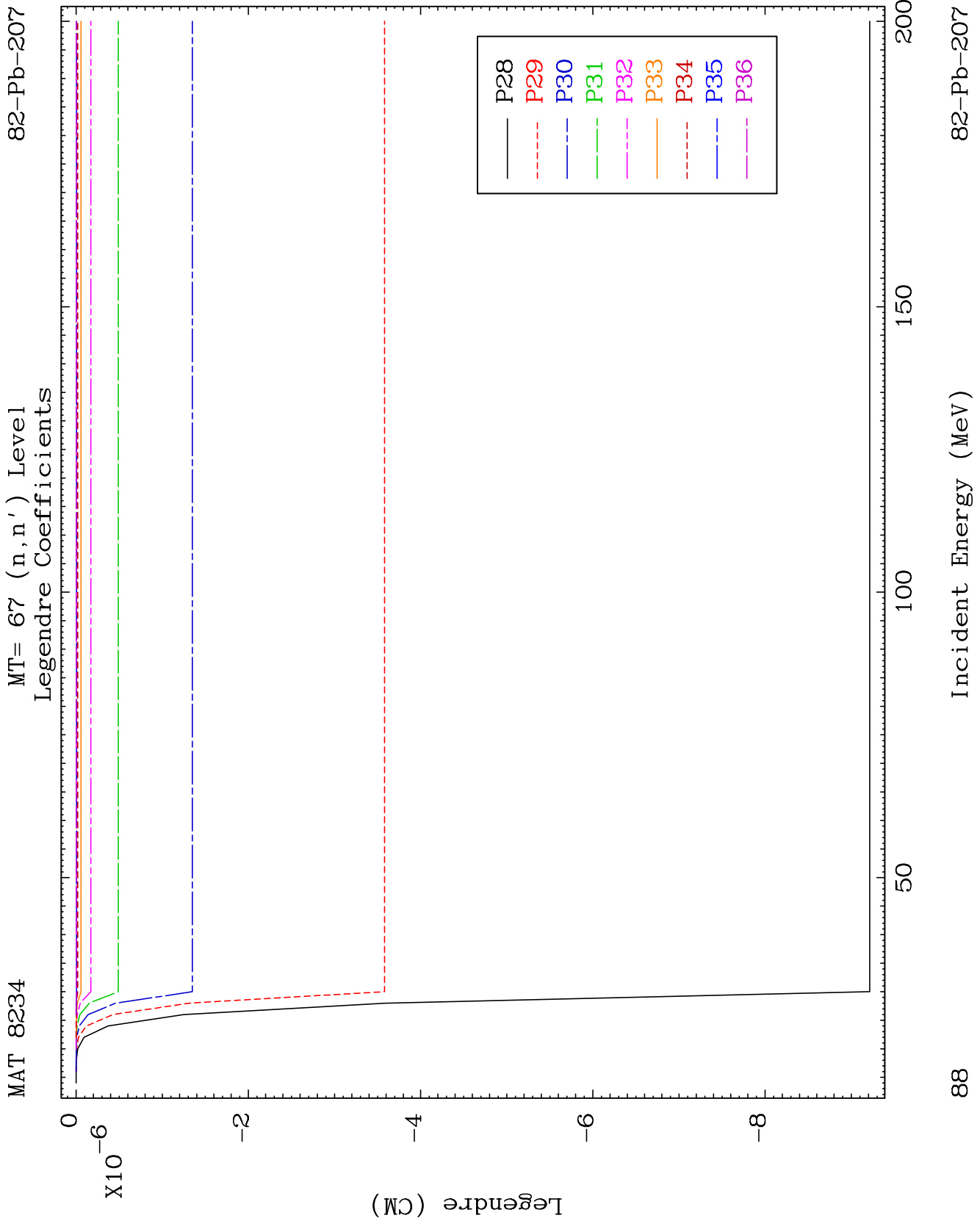
82-Pb-207



87

Incident Energy (MeV)

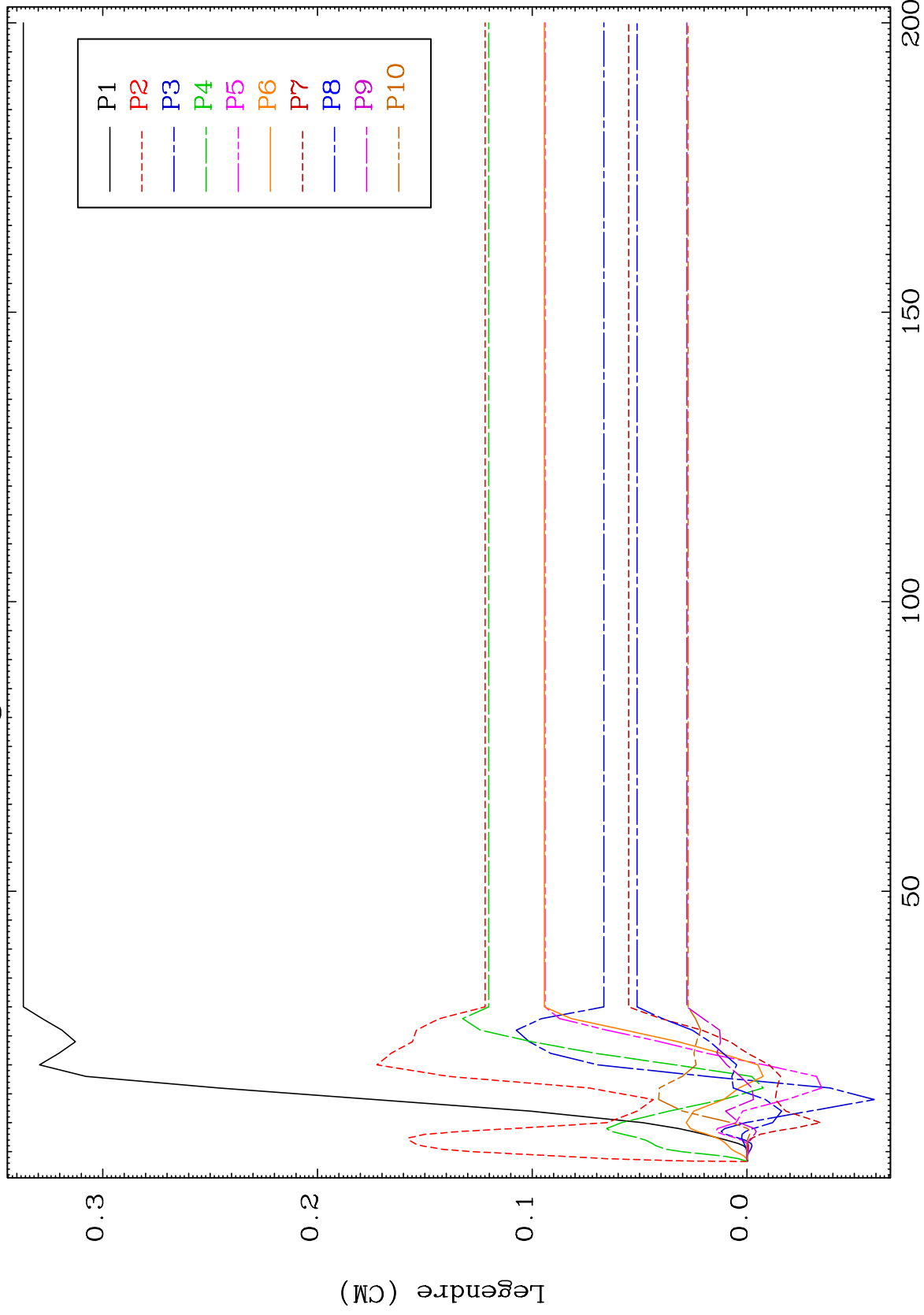
82-Pb-207



MAT 8234

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

82-Pb-207



89

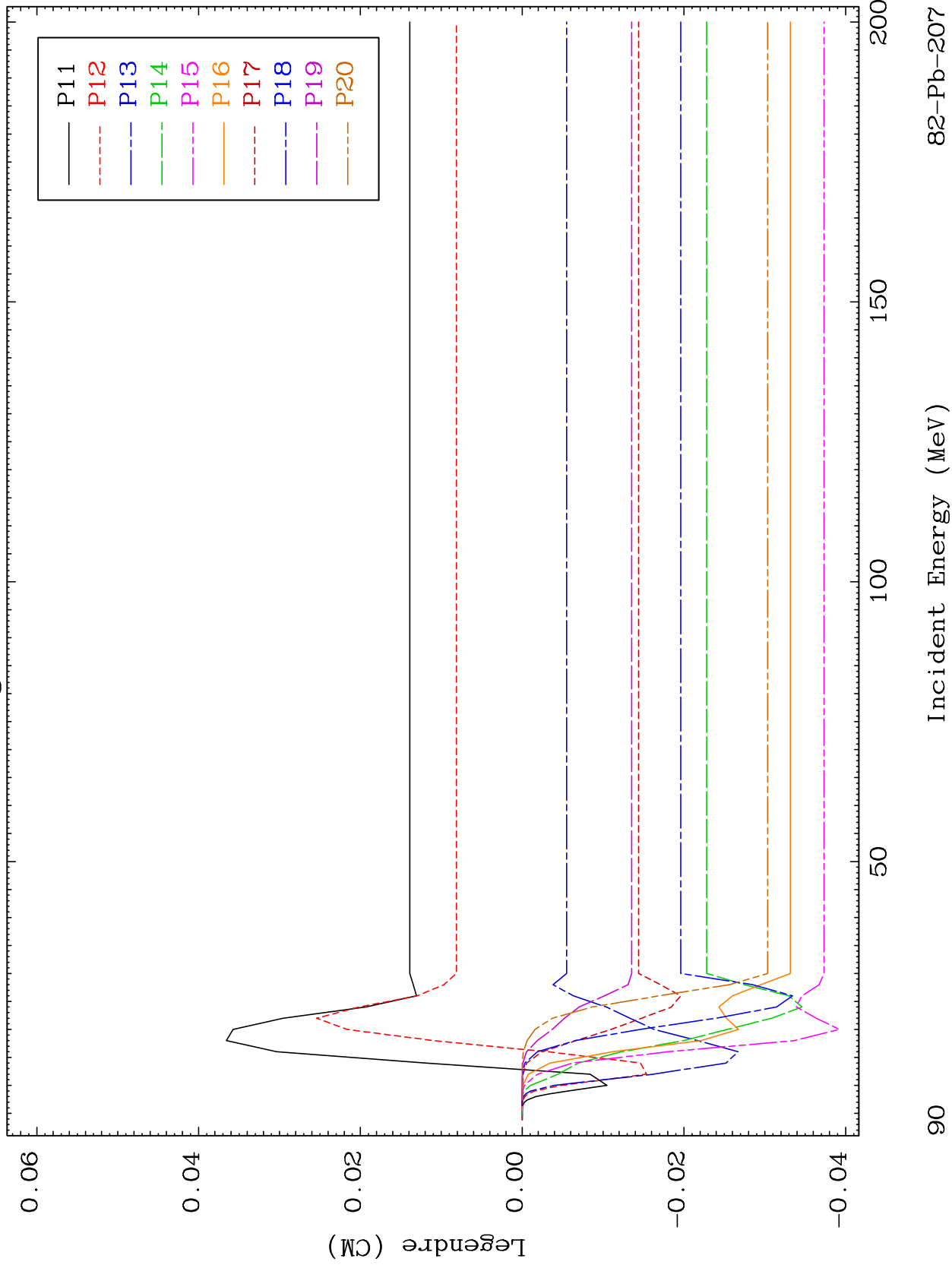
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



82-Pb-207

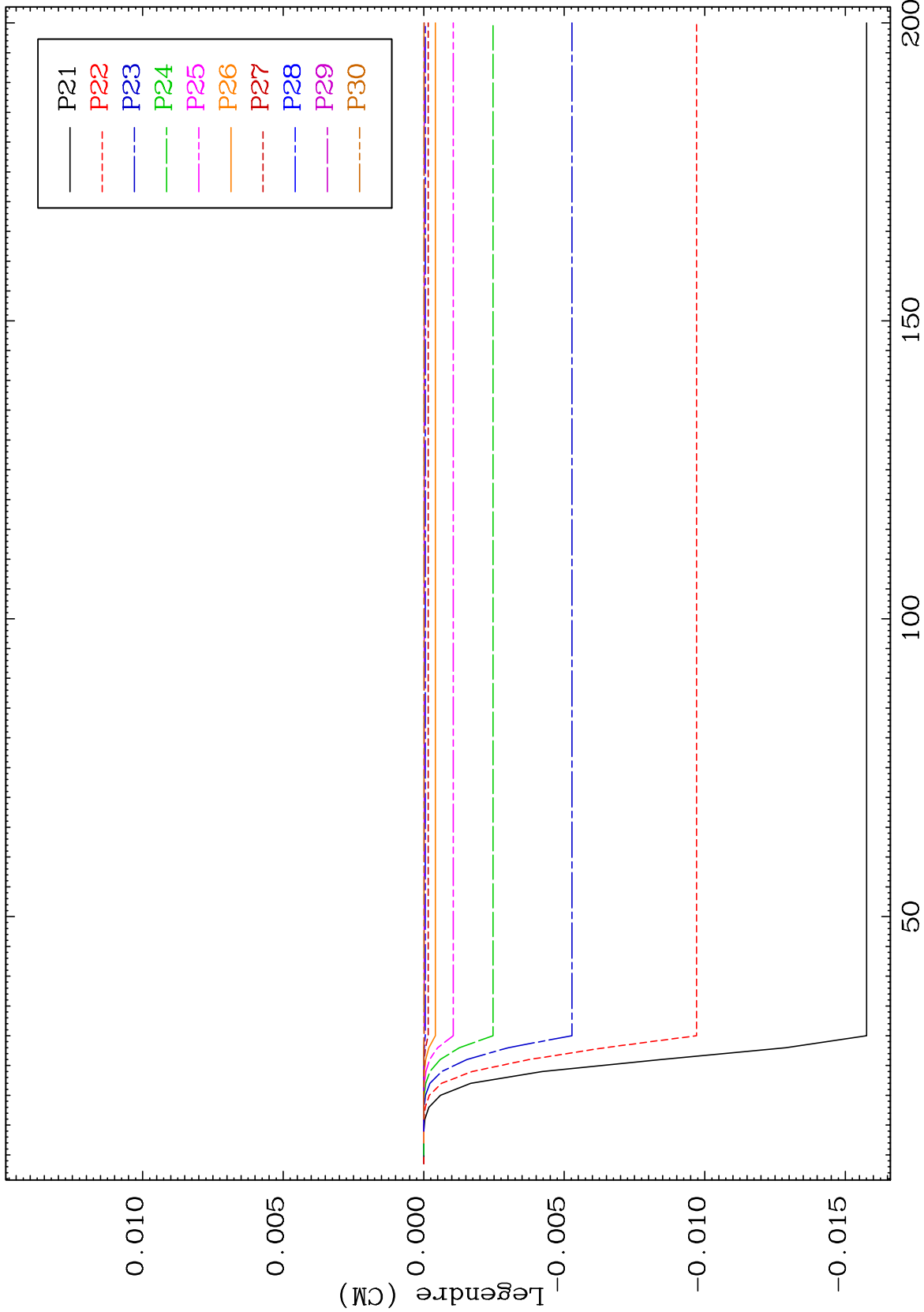
Incident Energy (MeV)

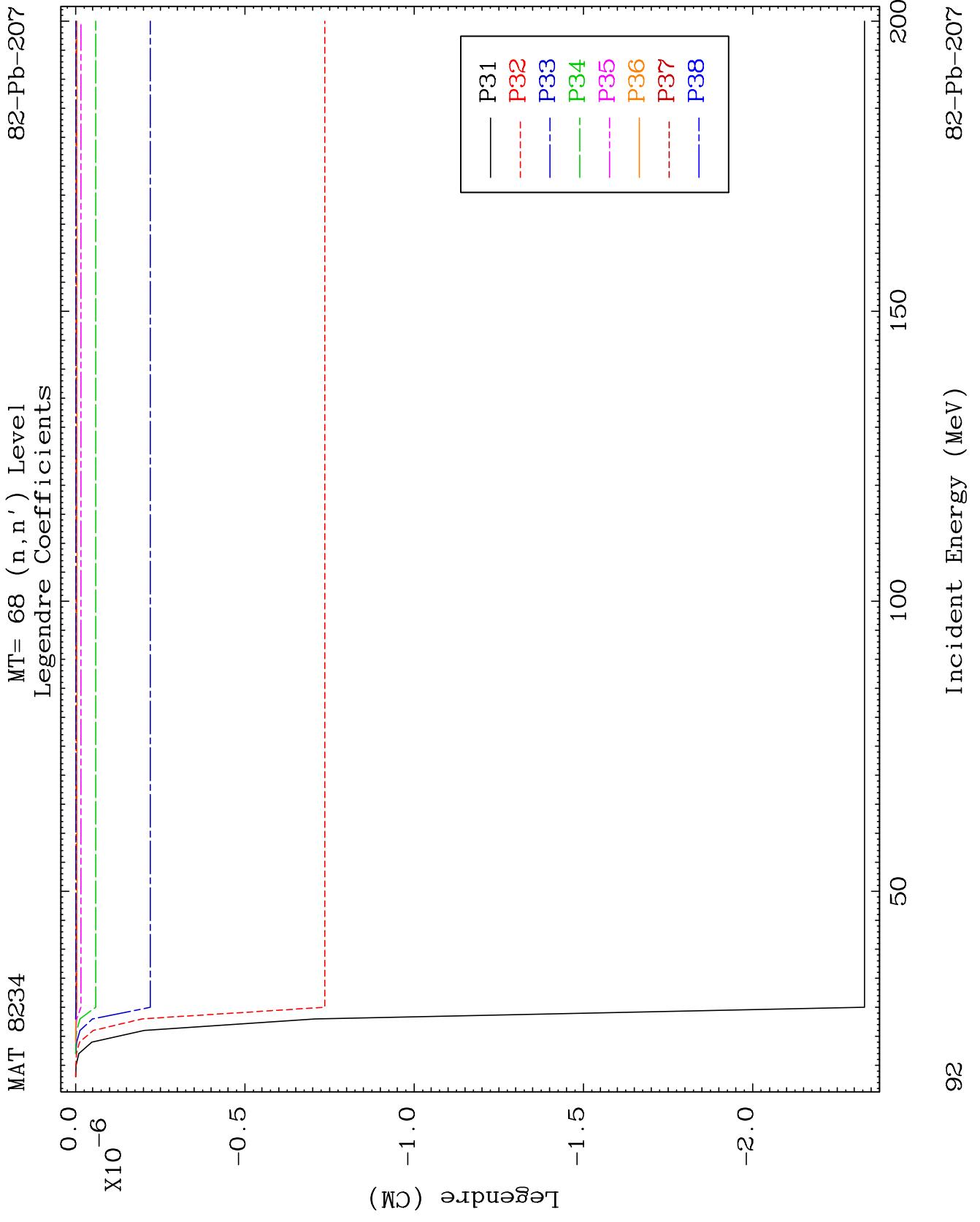
90

MAT 8234

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

82-Pb-207

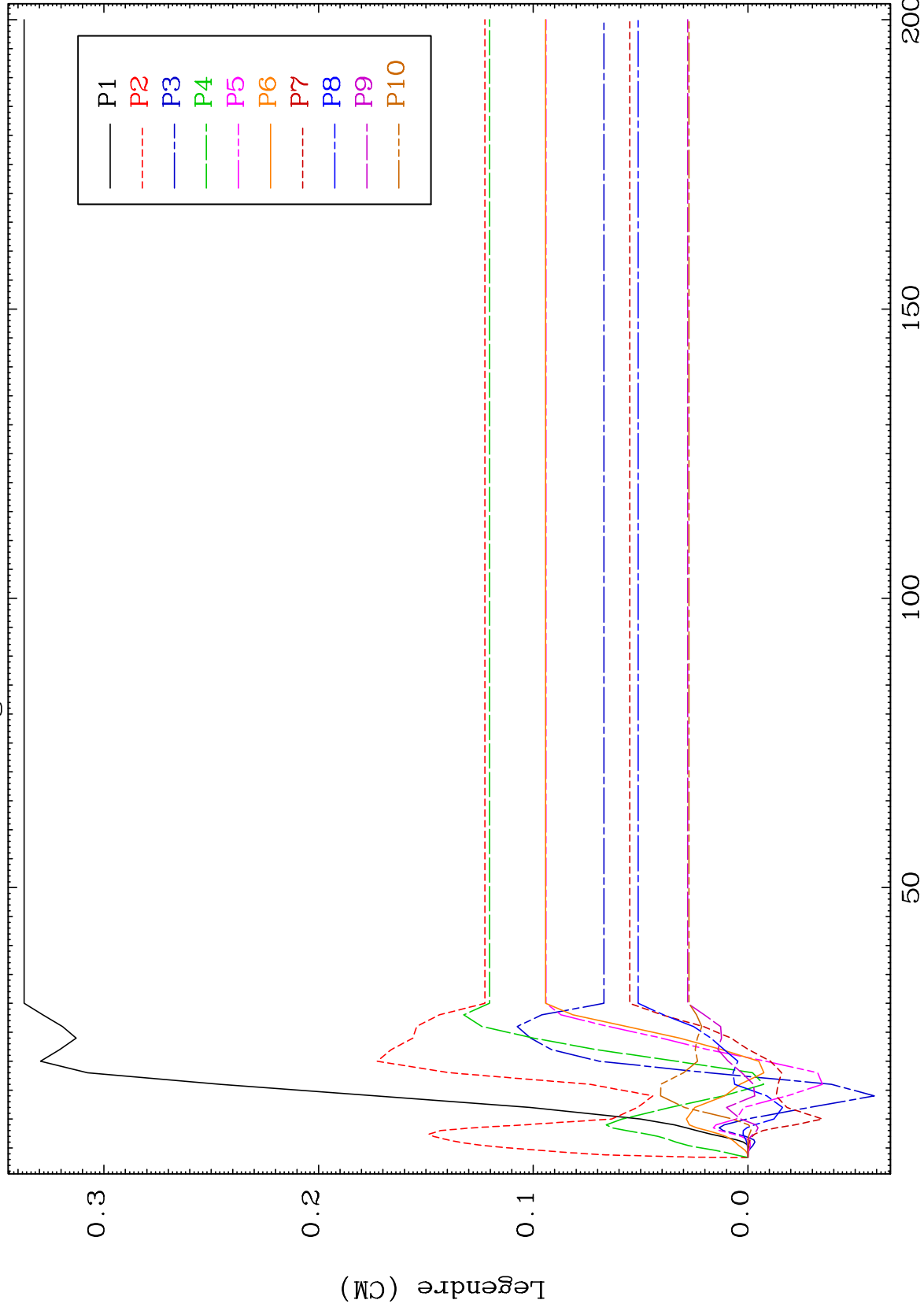




MAT 8234

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

82-Pb-207



93

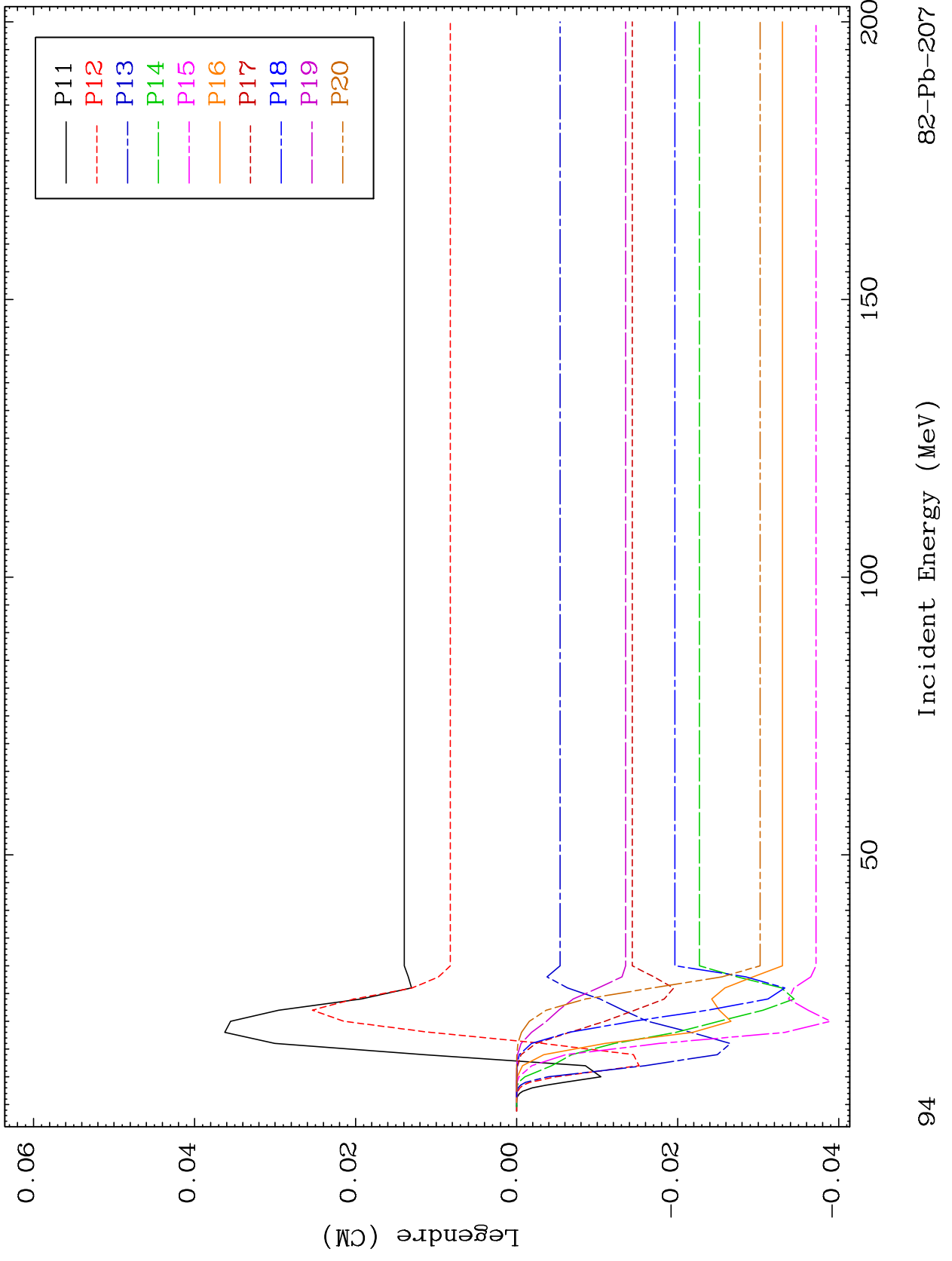
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

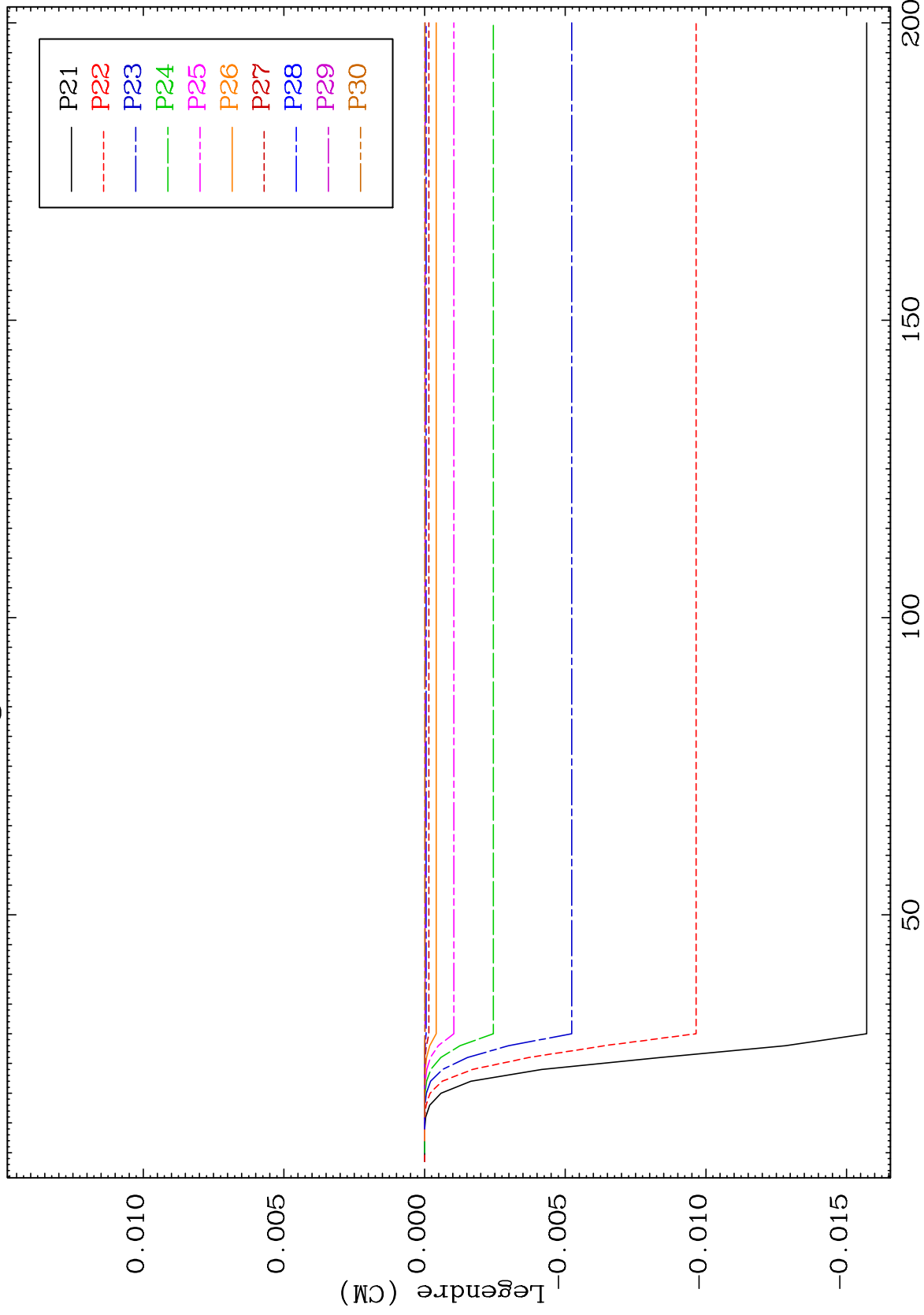
82-Pb-207



MAT 8234

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

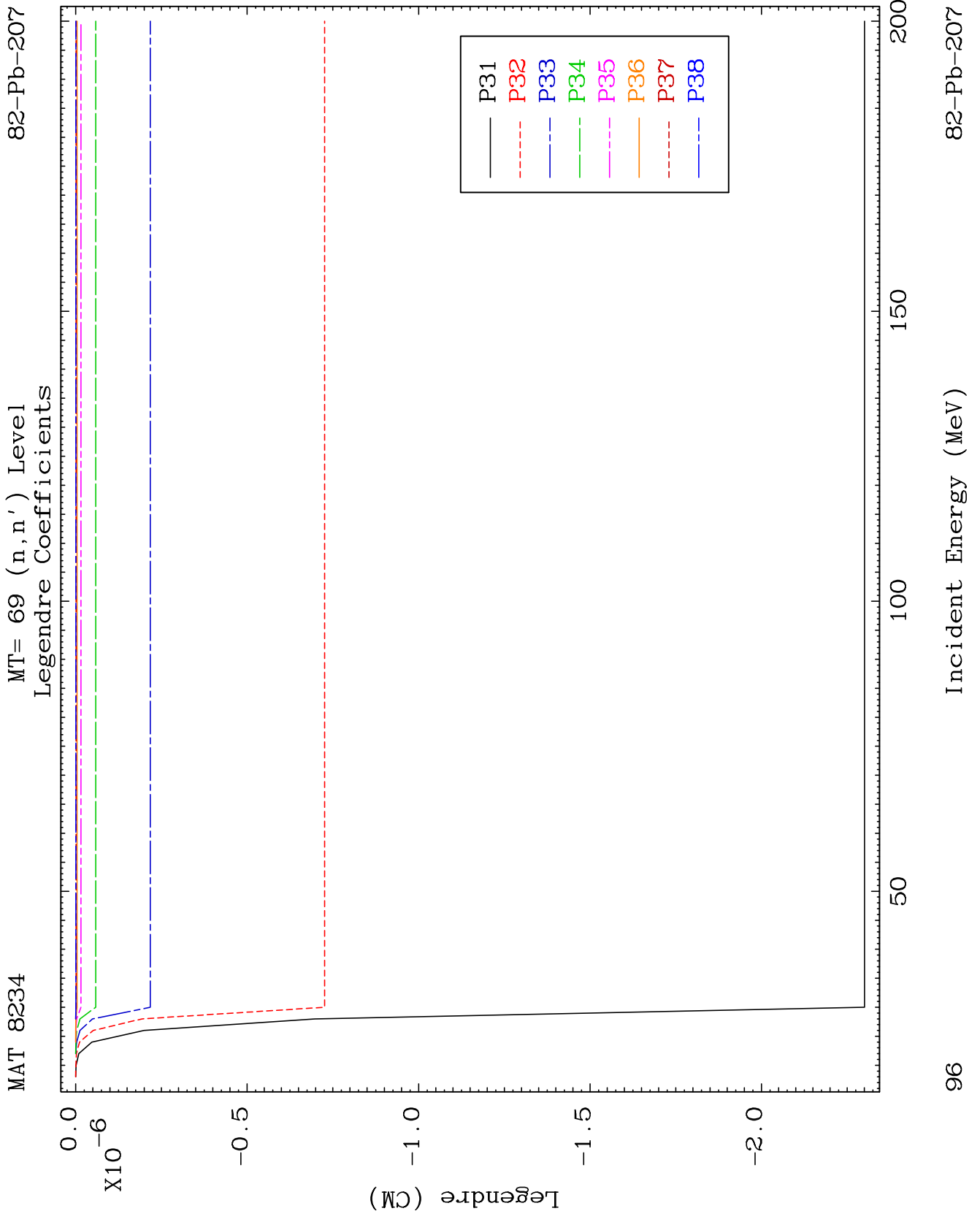
82-Pb-207



95

Incident Energy (MeV)

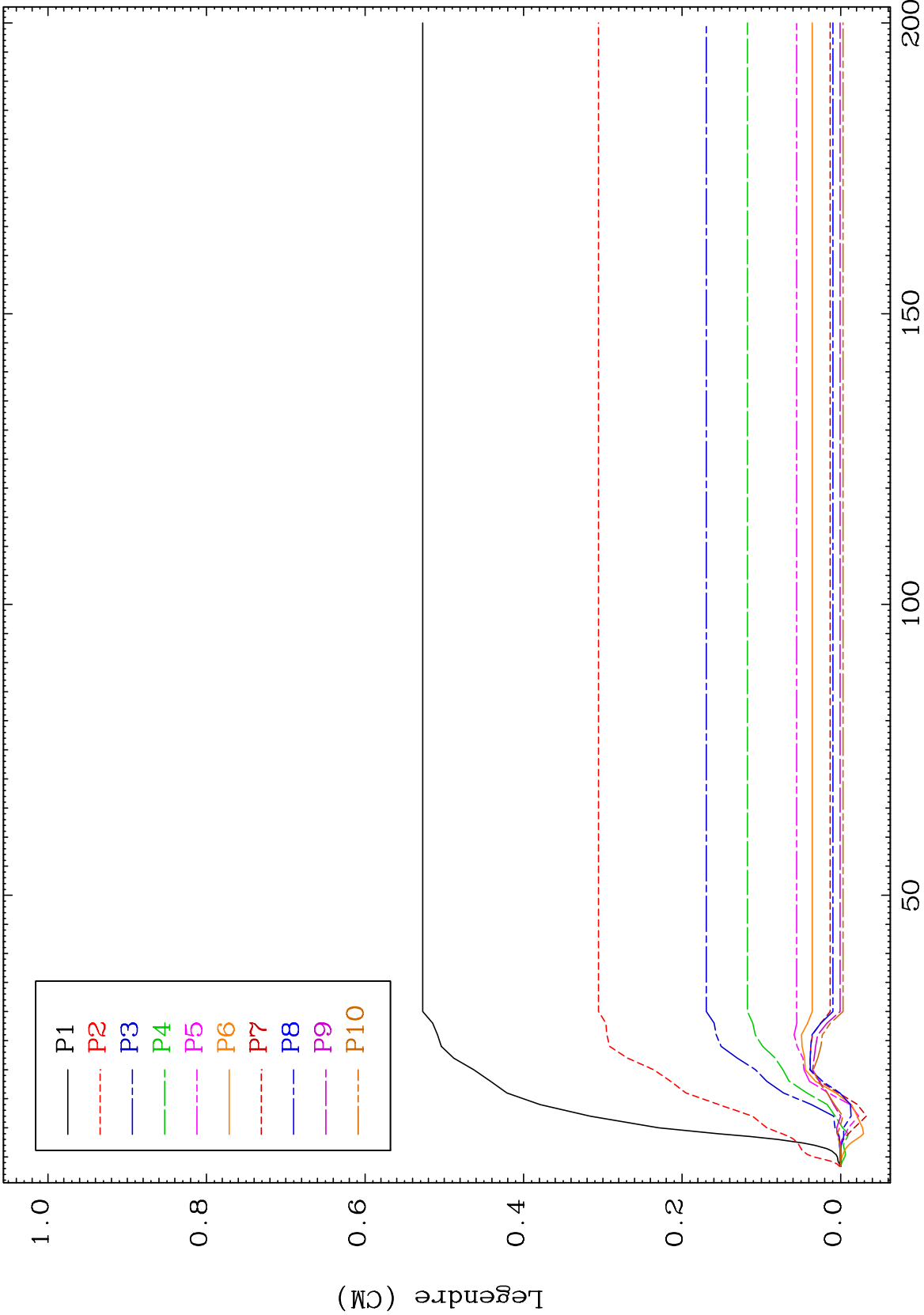
82-Pb-207



MAT 8234

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

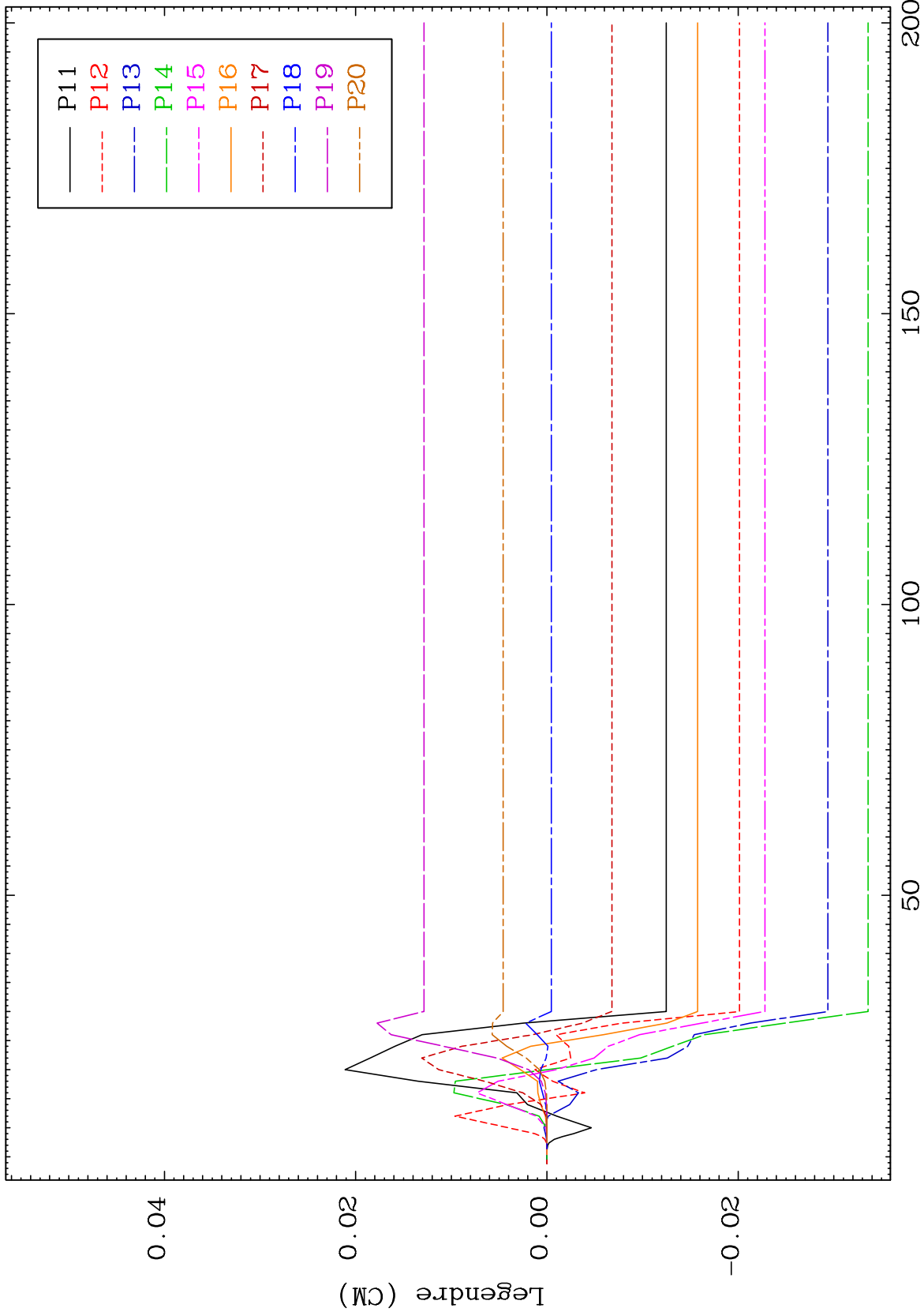
82-Pb-207



MAT 8234

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

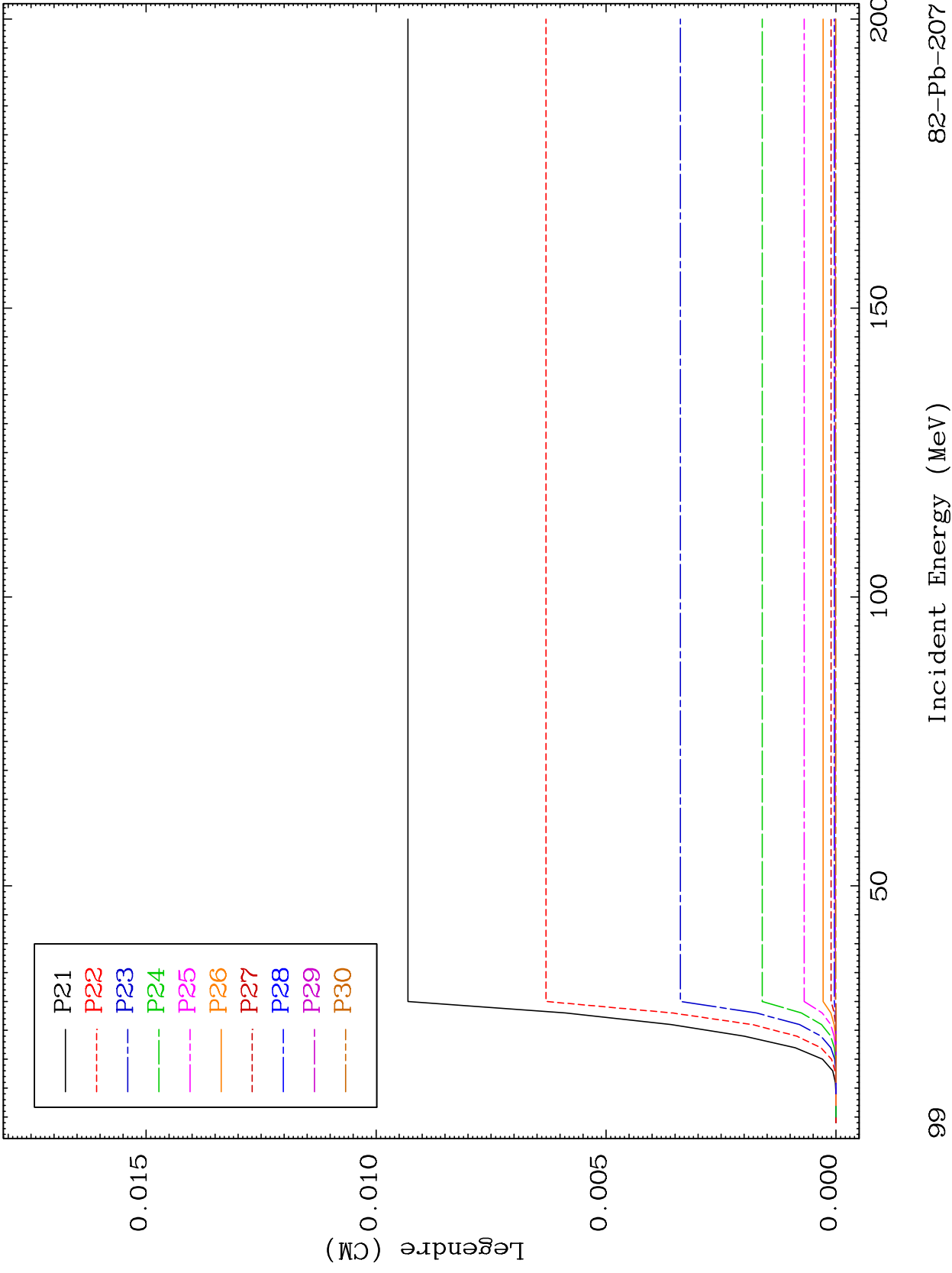
82-Pb-207



MAT 8234

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

82-Pb-207



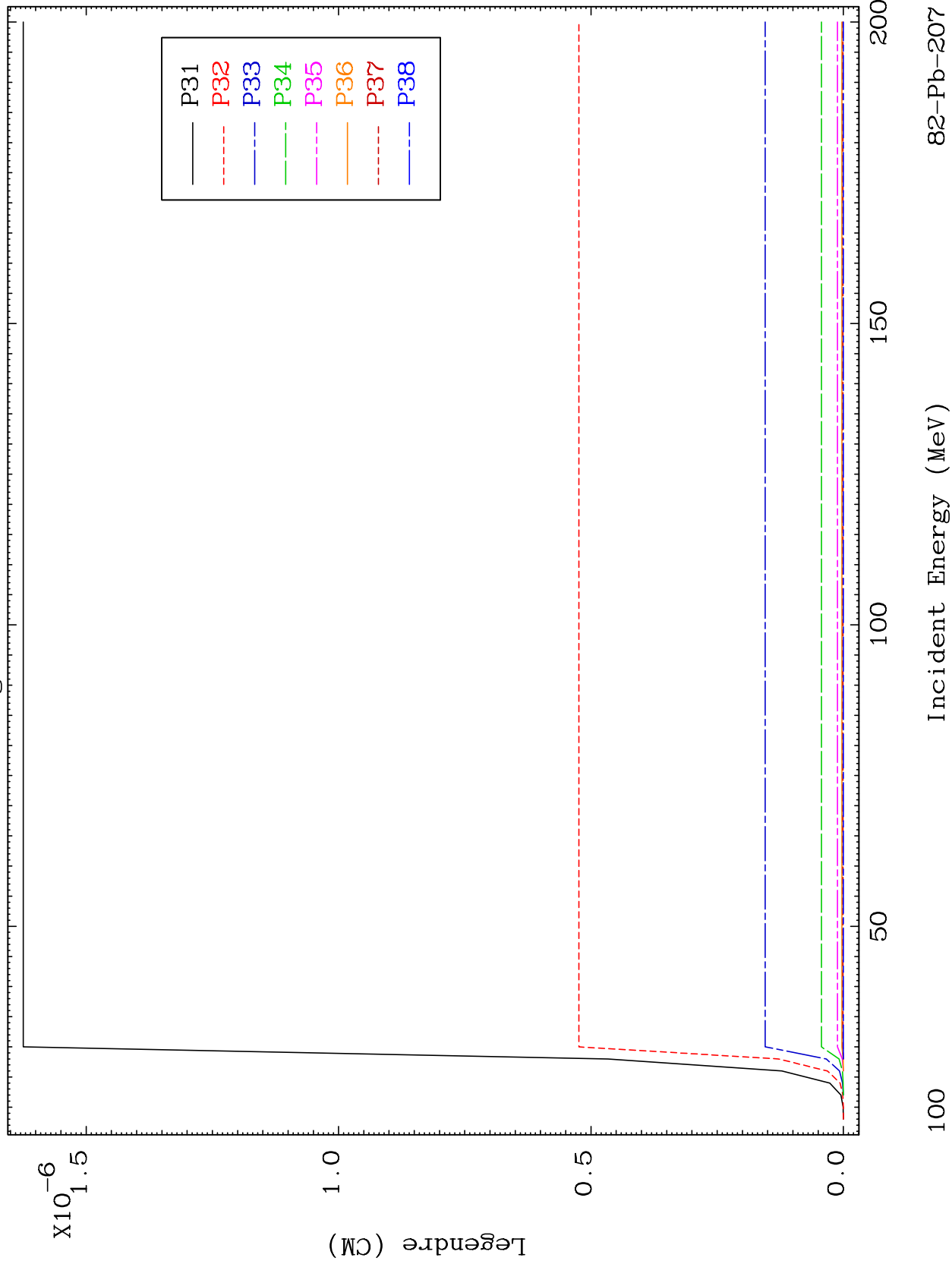
99

82-Pb-207

MAT 8234

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

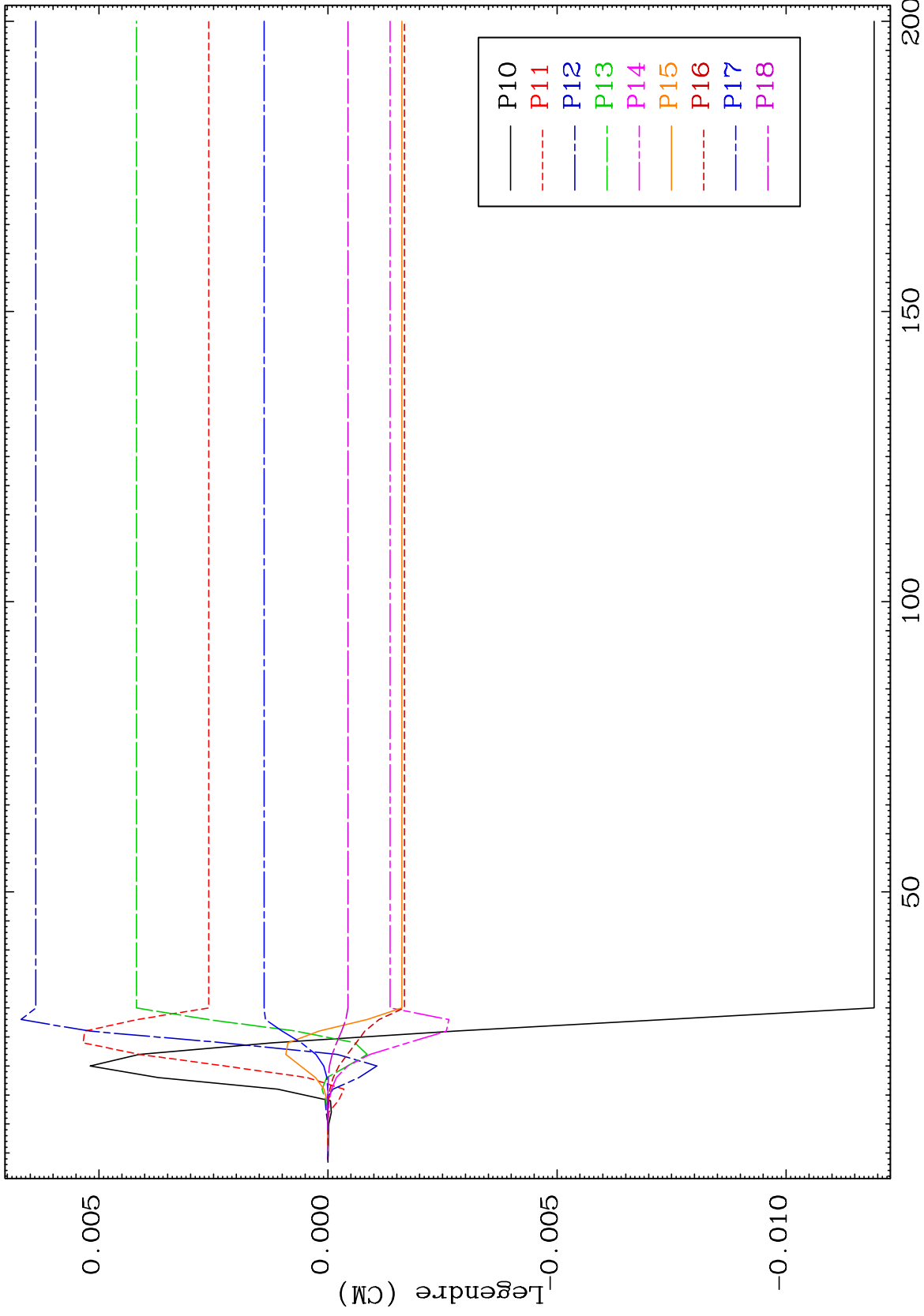
82-Pb-207



MAT 8234

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

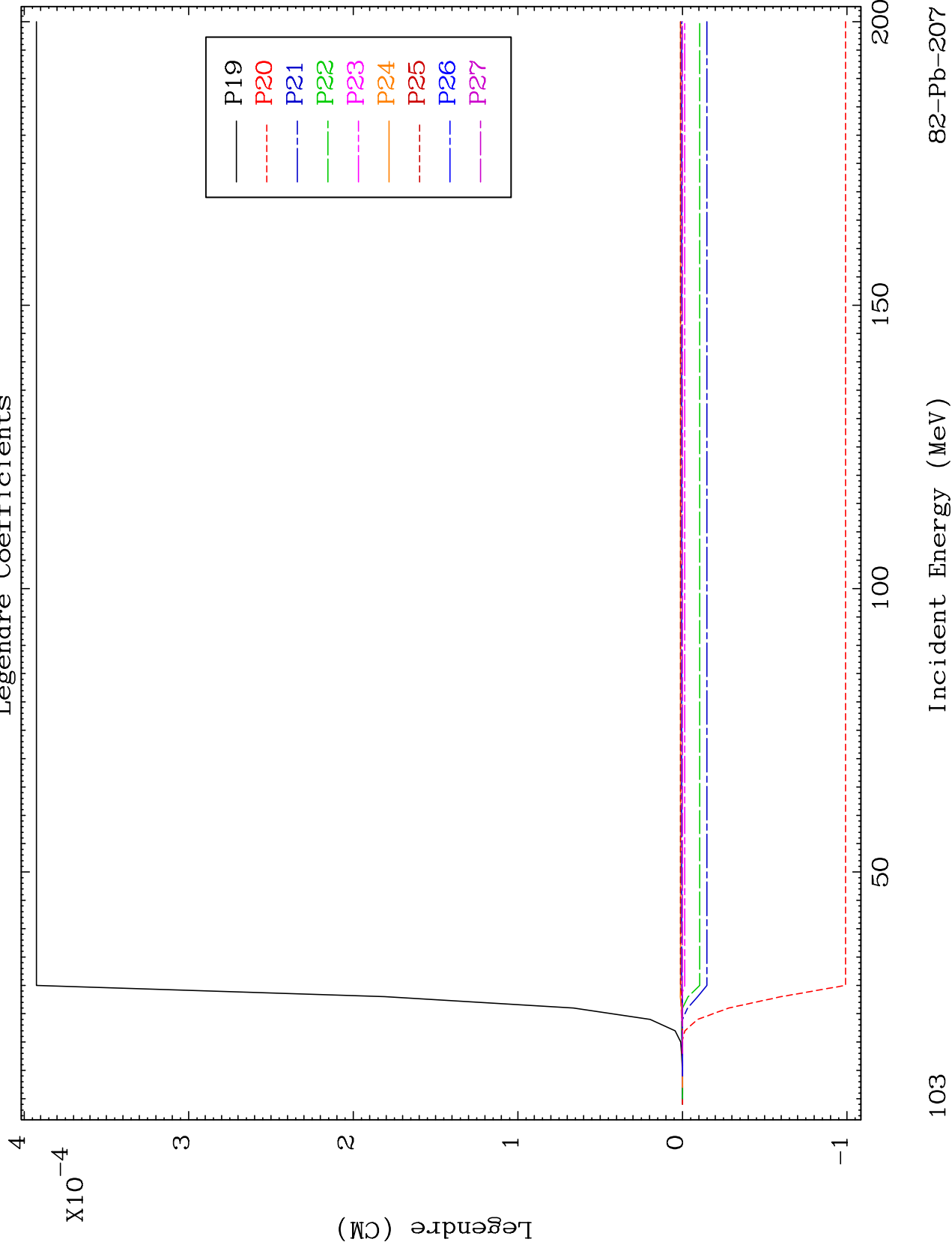
82-Pb-207



MAT 8234

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

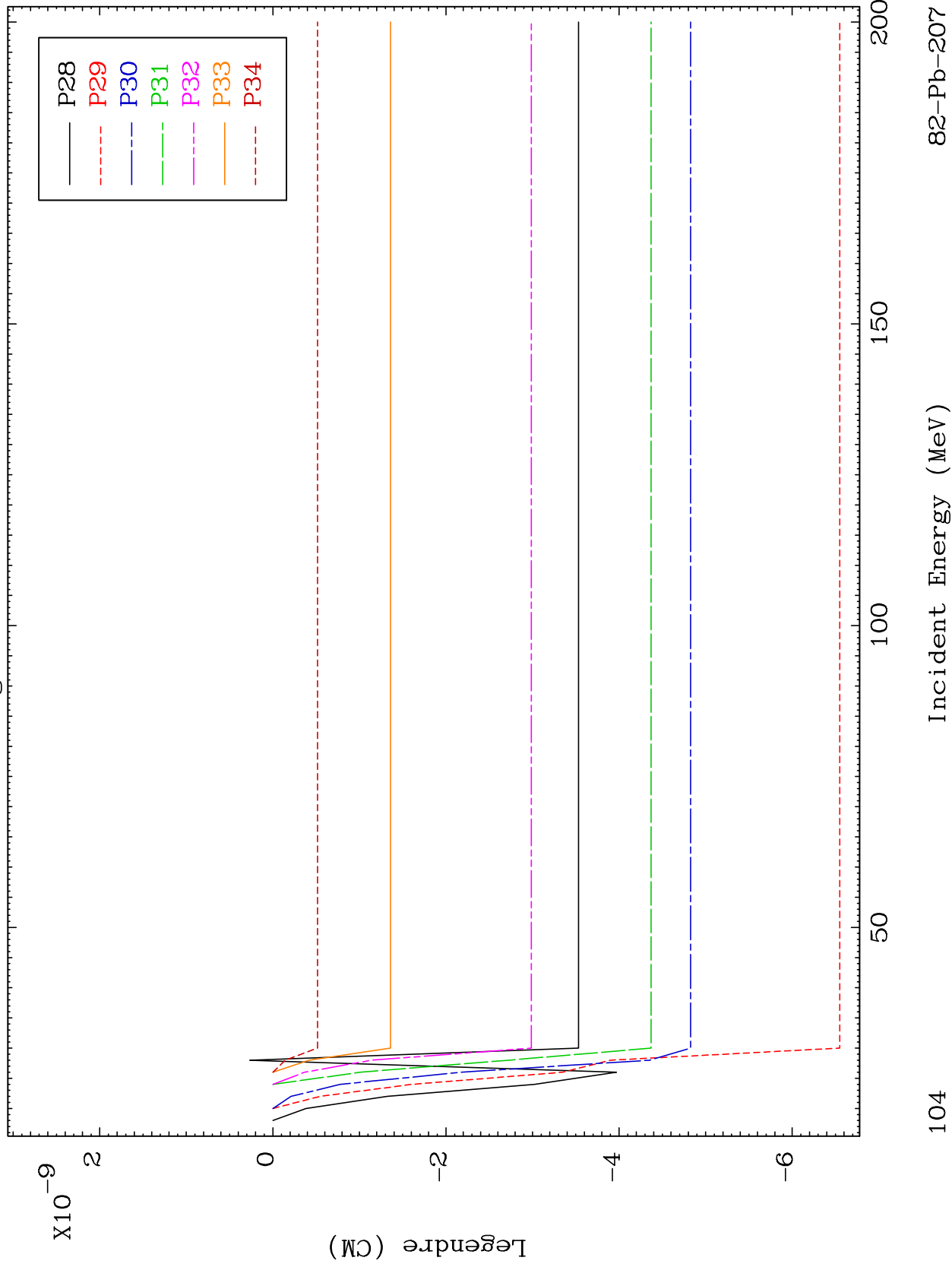
82-Pb-207



MAT 8234

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

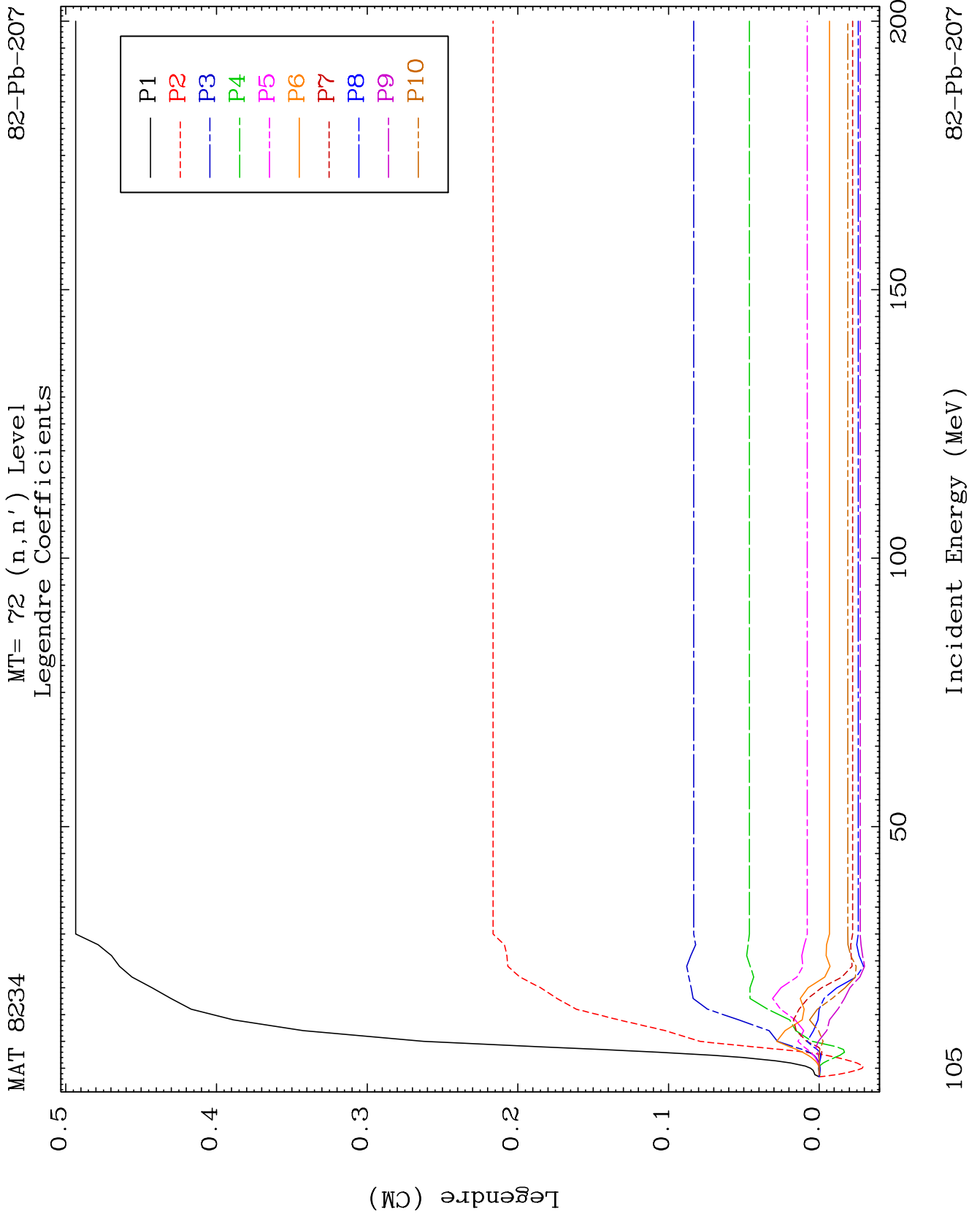
82-Pb-207



104

Incident Energy (MeV)

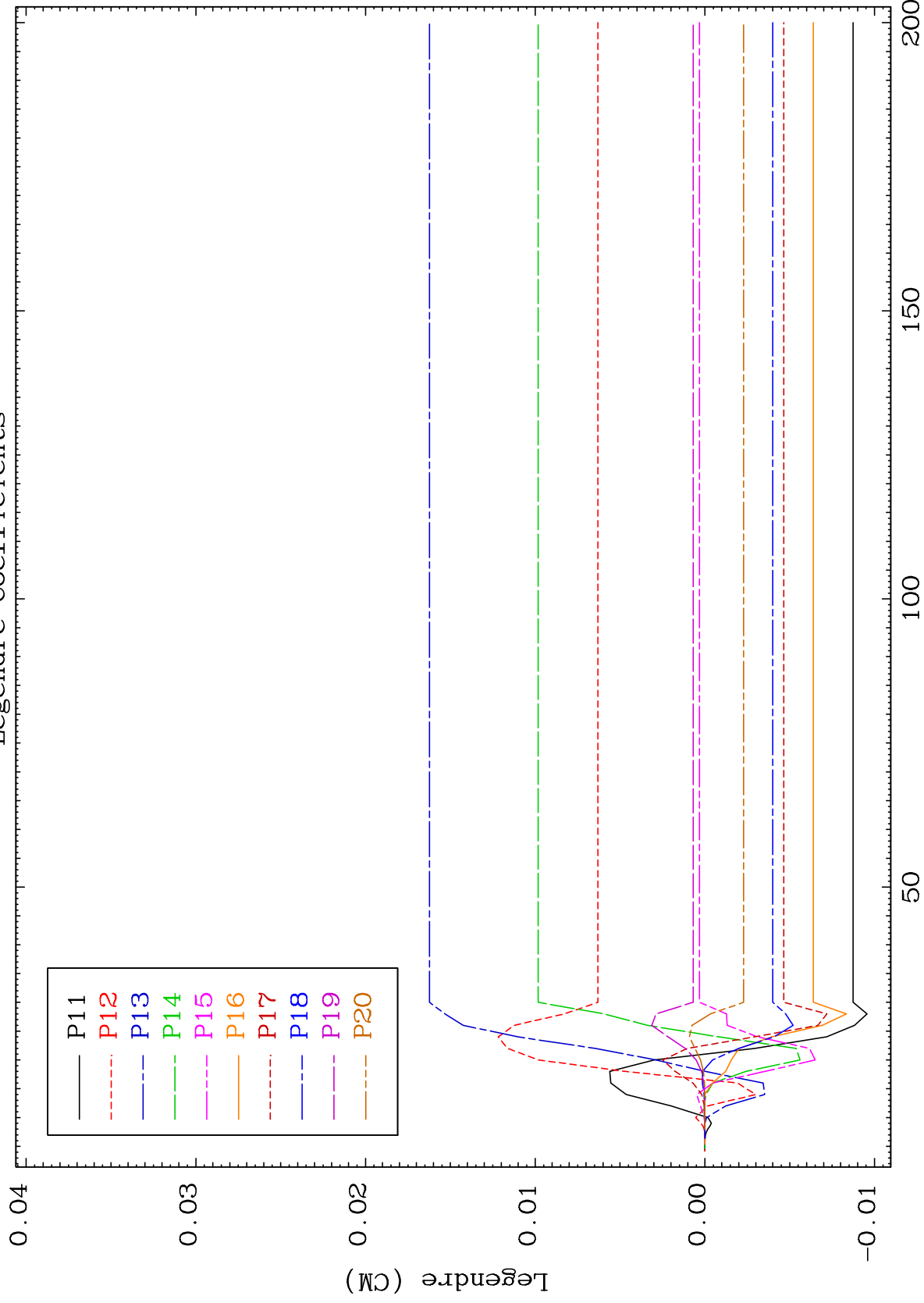
82-Pb-207



MAT 8234

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

82-Pb-207



106

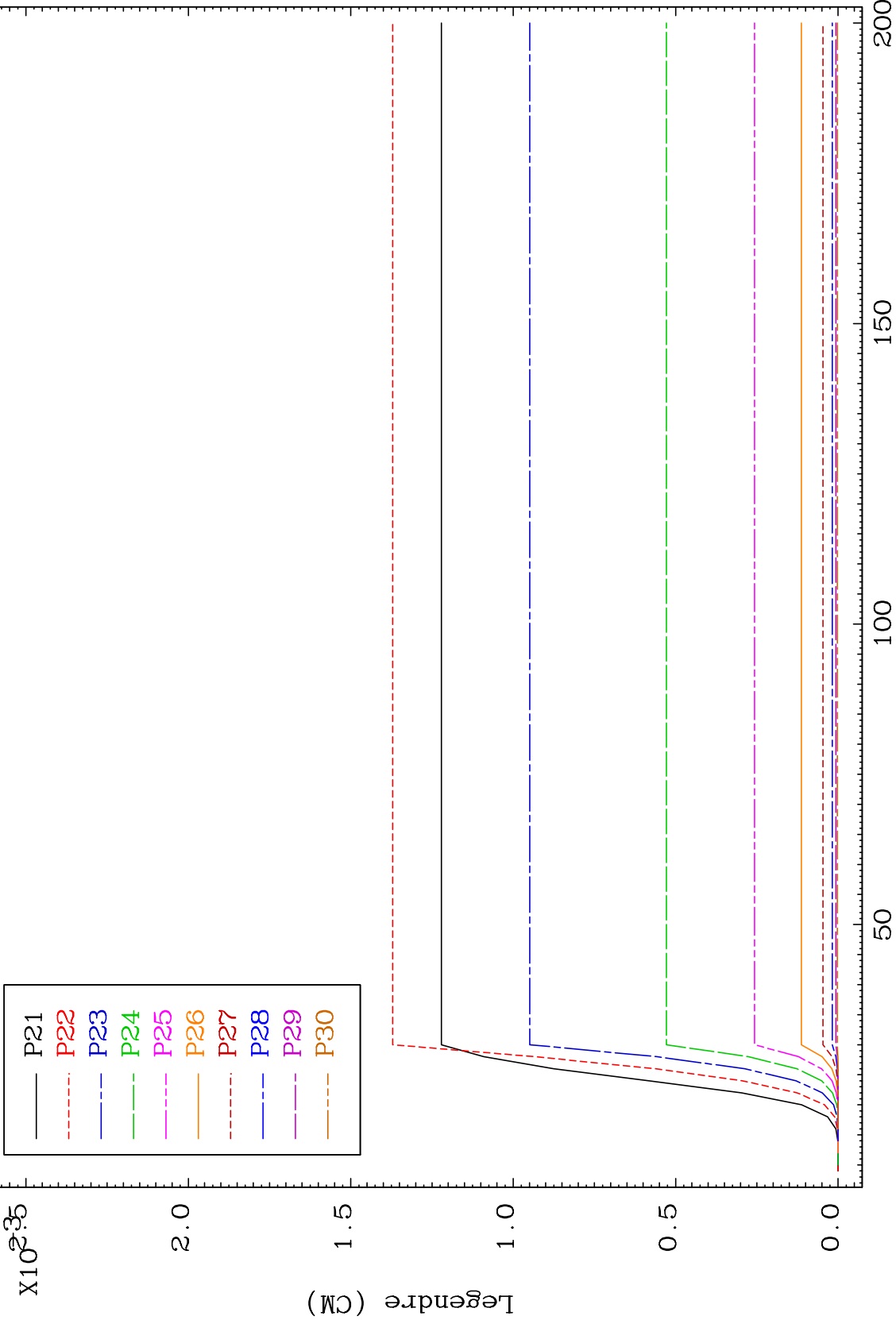
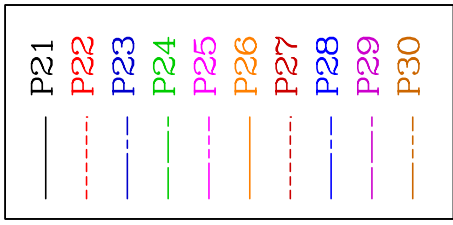
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



107

Incident Energy (MeV)

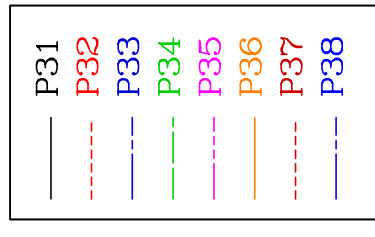
82-Pb-207

MAT 8234

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

82-Pb-207

$\times 10^{-7}$

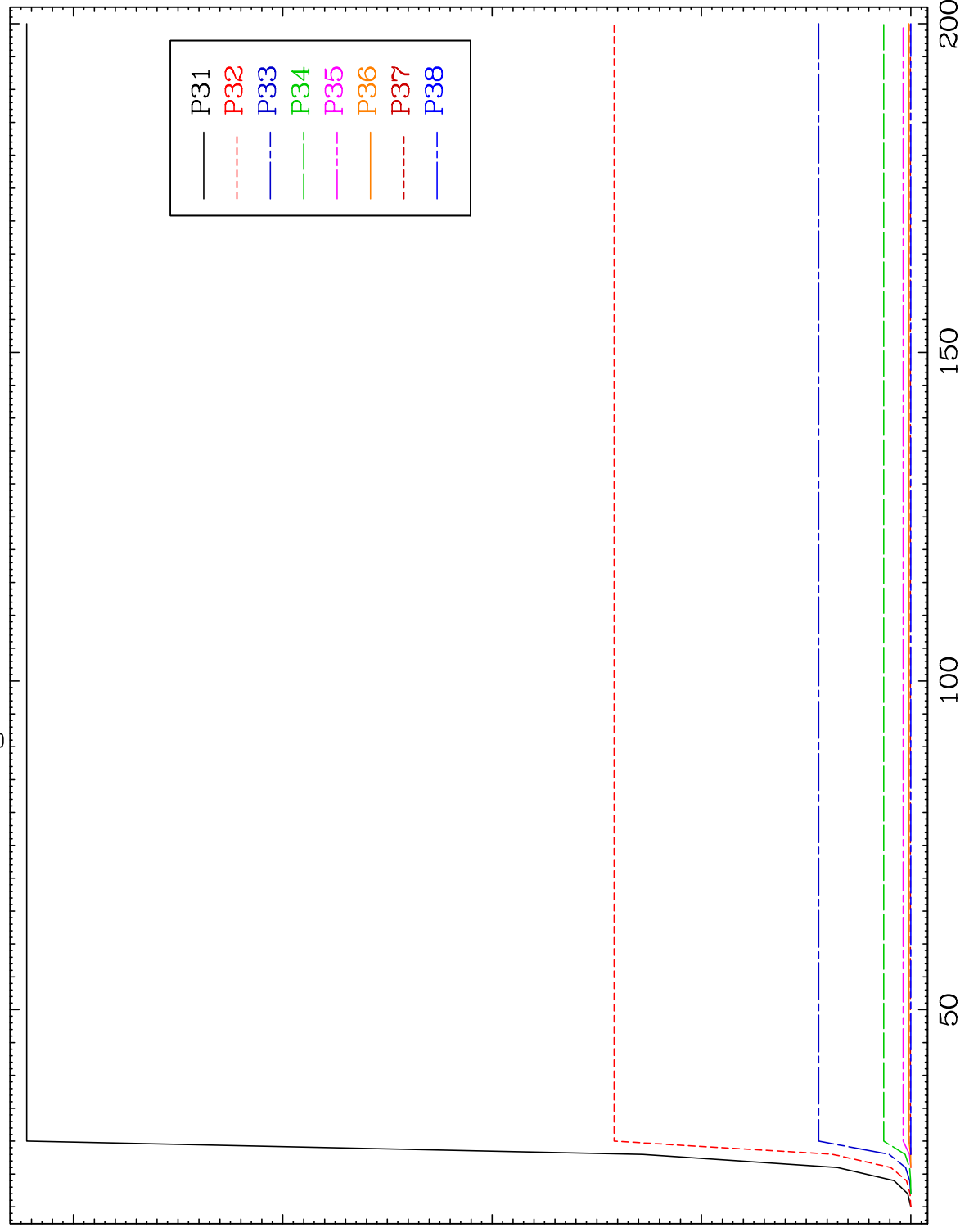


Legendre (CM)

108

Incident Energy (MeV)

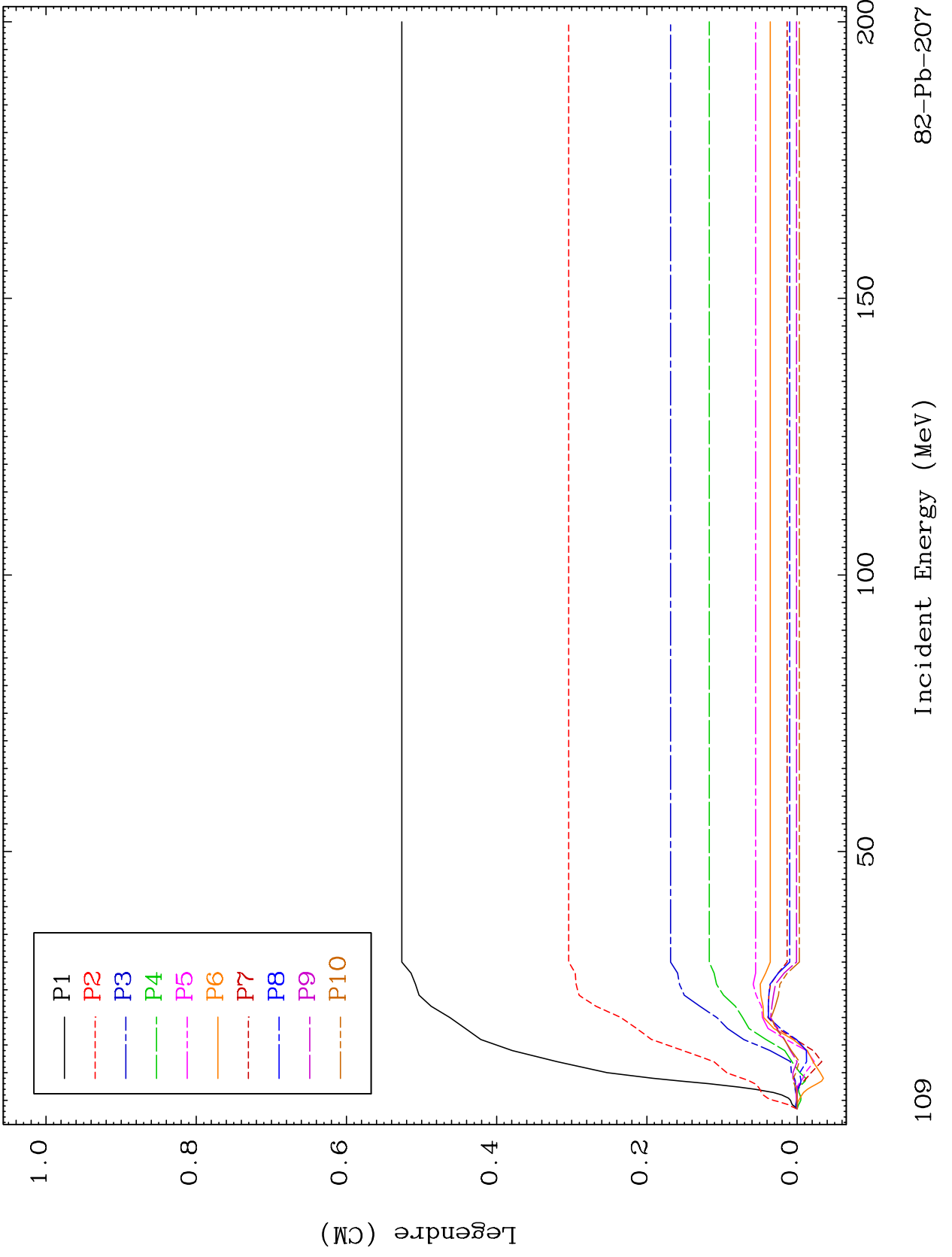
82-Pb-207



MAT 8234

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

82-Pb-207



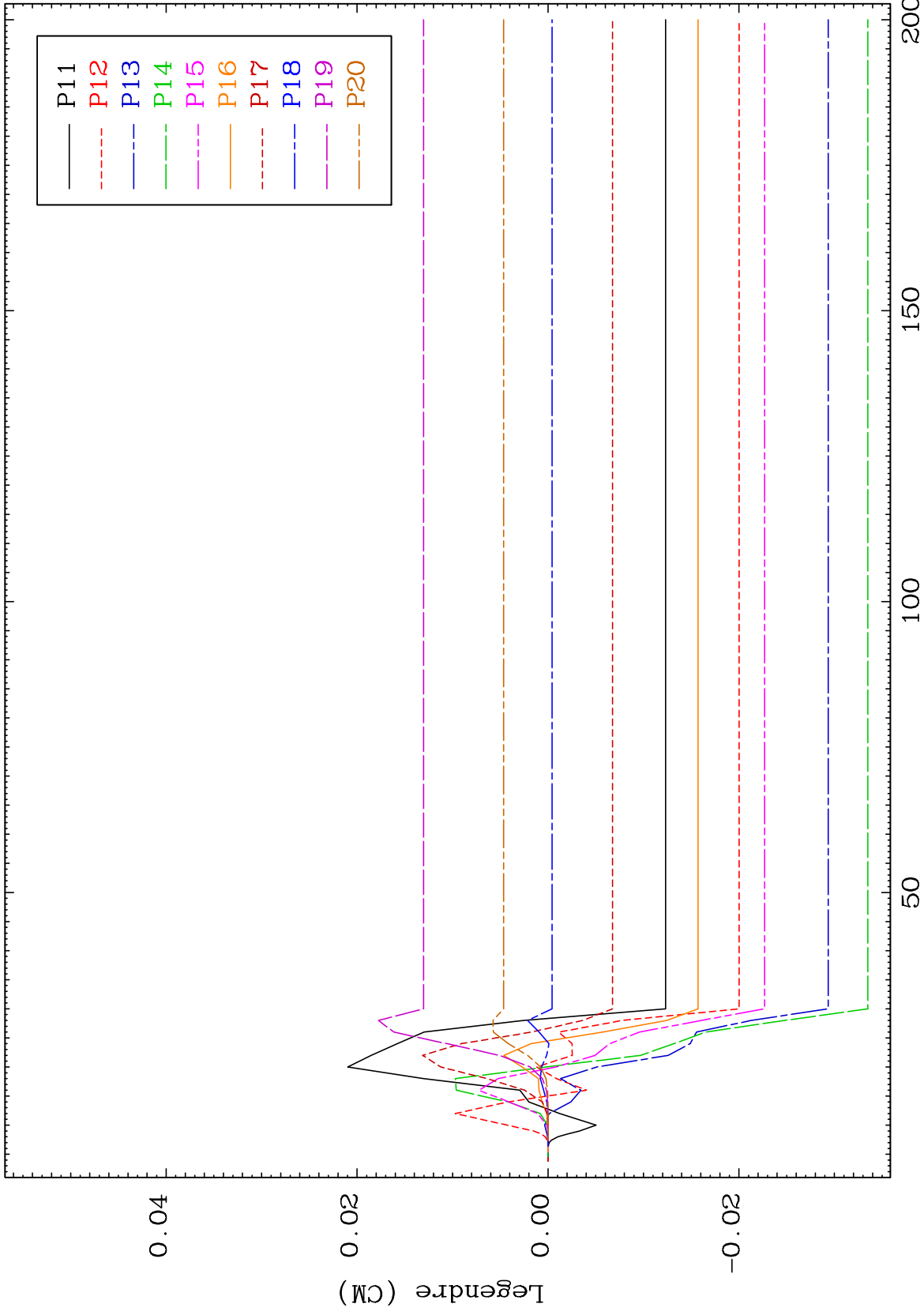
109

82-Pb-207

MAT 8234

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

82-Pb-207



110

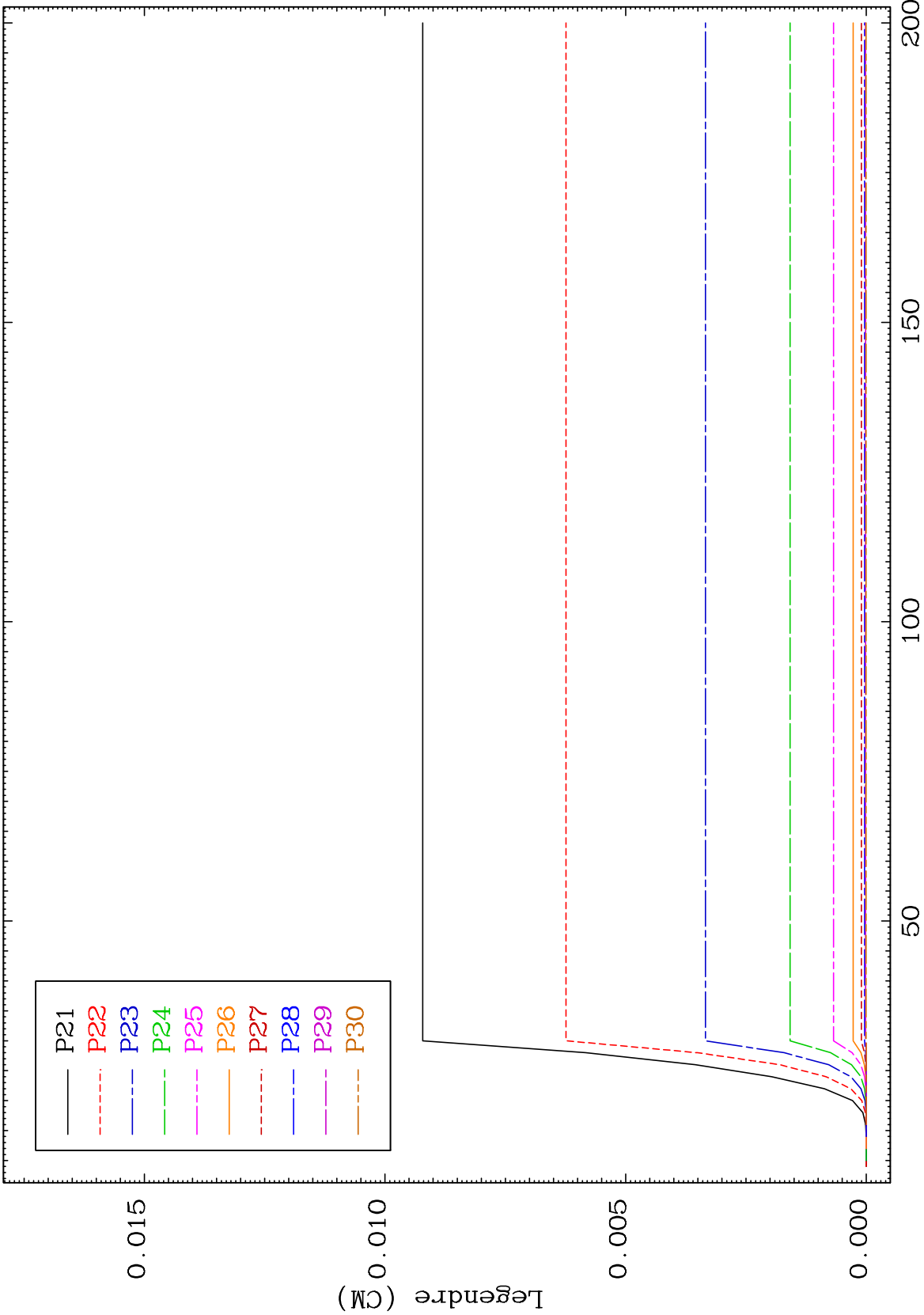
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



111

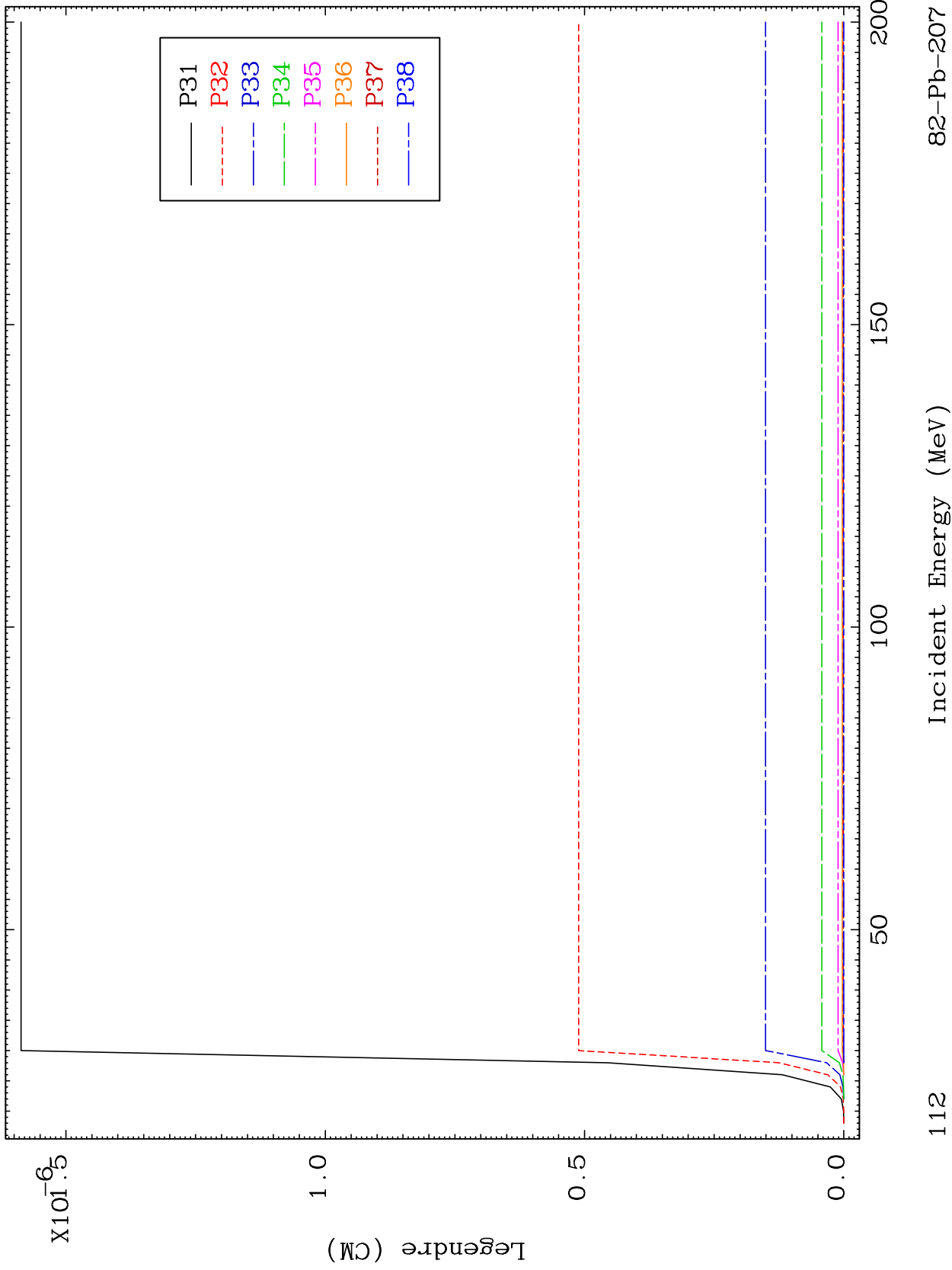
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207

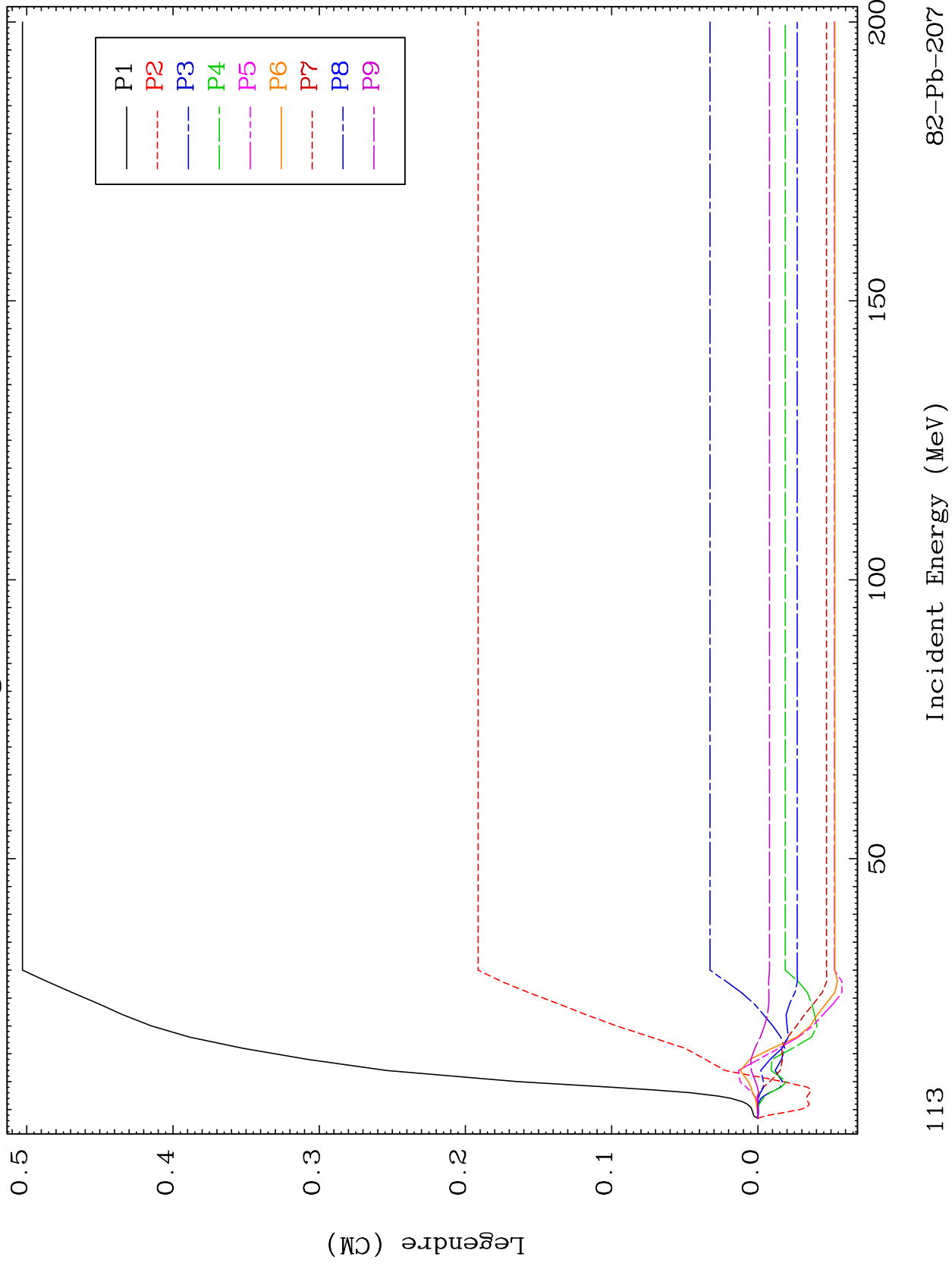


112

MAT 8234

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

82-Pb-207



113

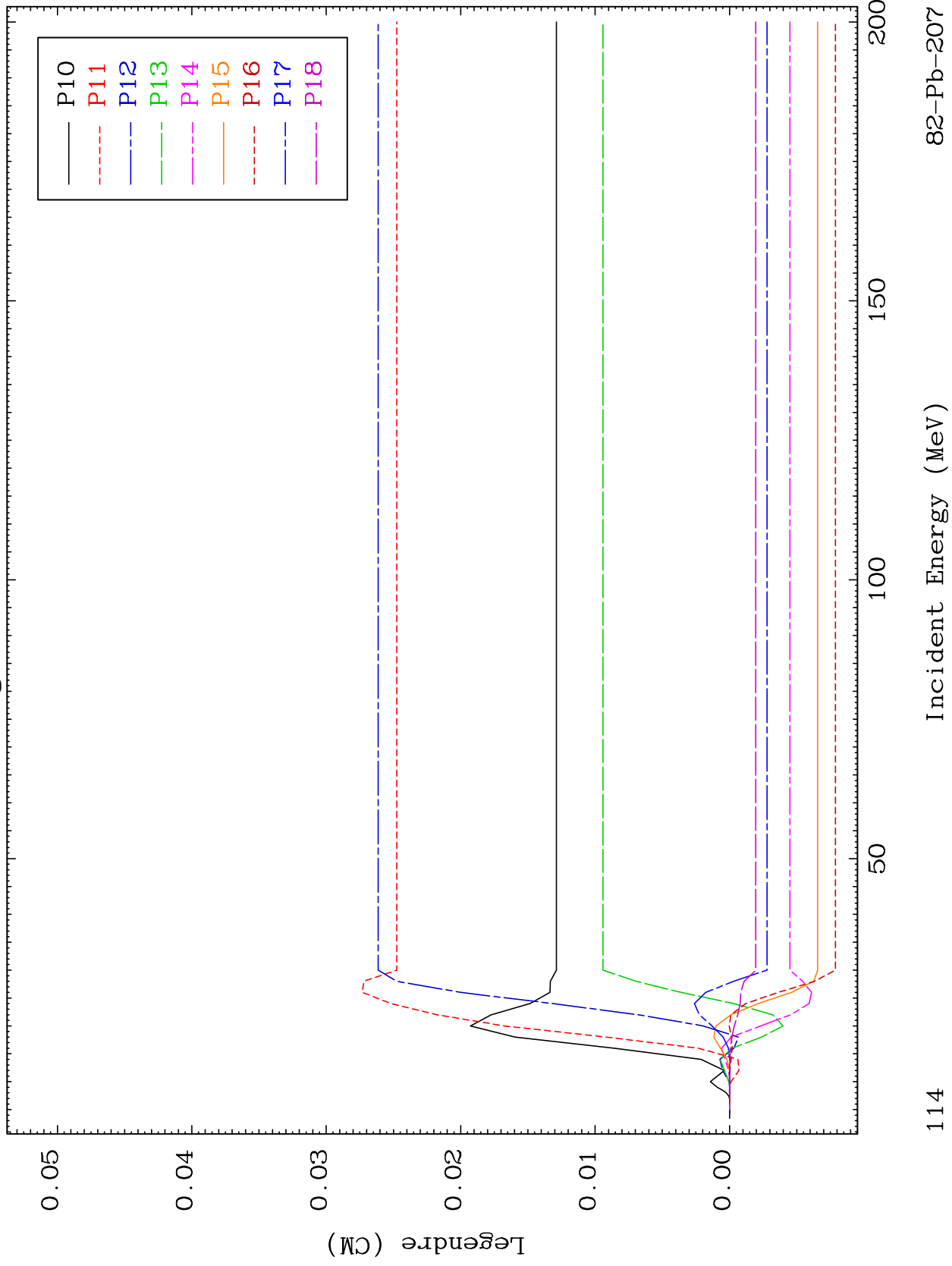
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207

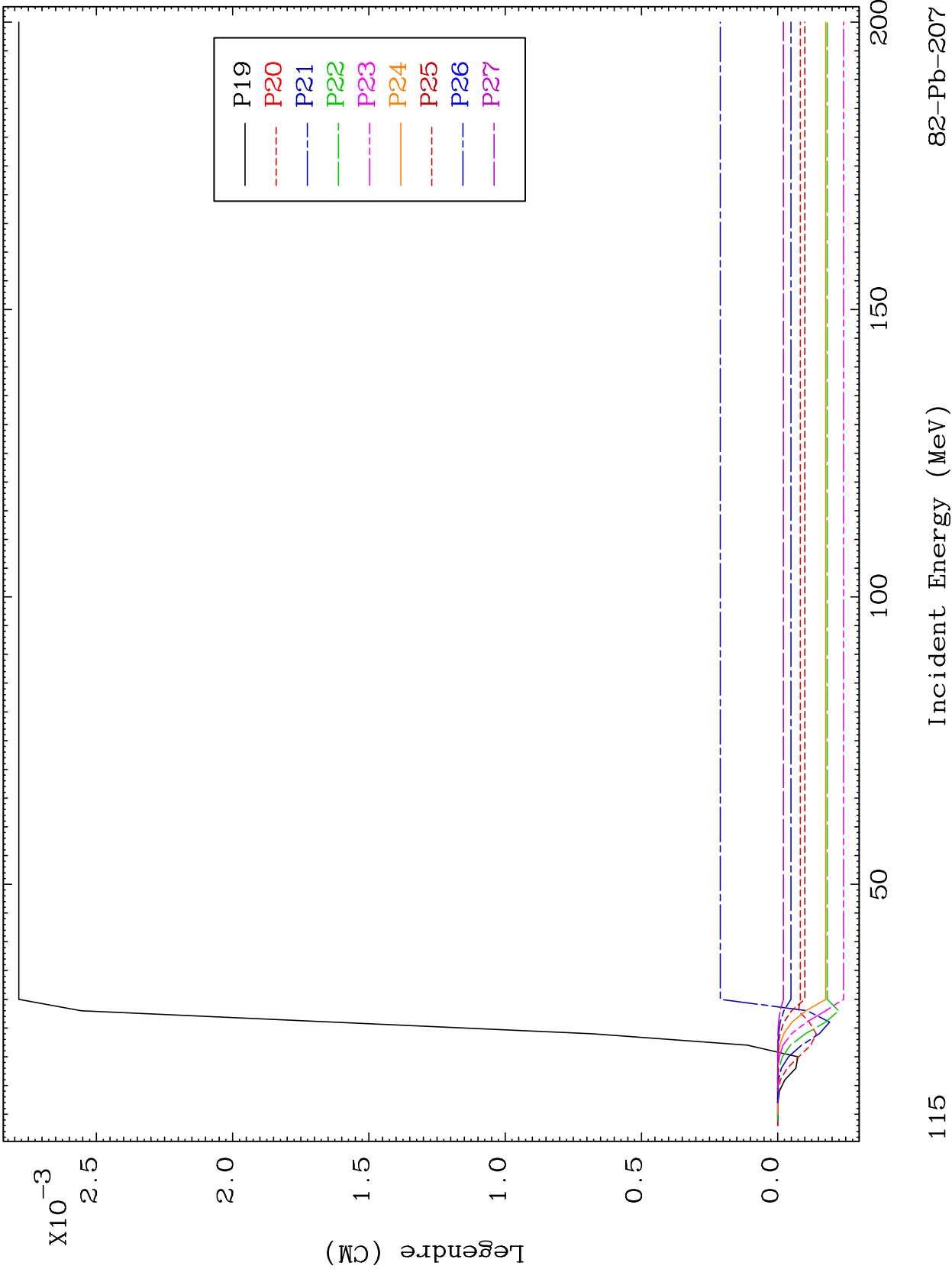


114

MAT 8234

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

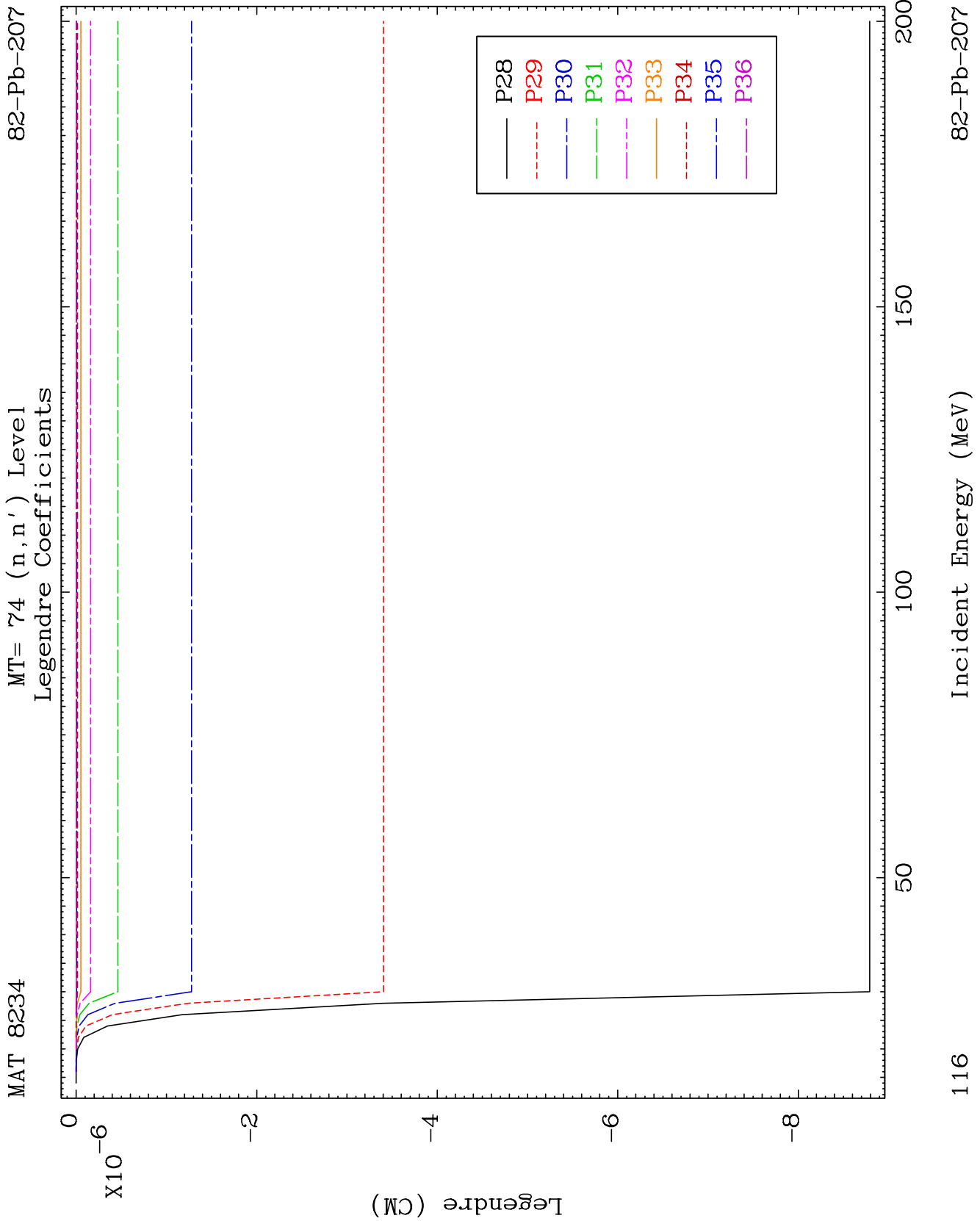
82-Pb-207



115

Incident Energy (MeV)

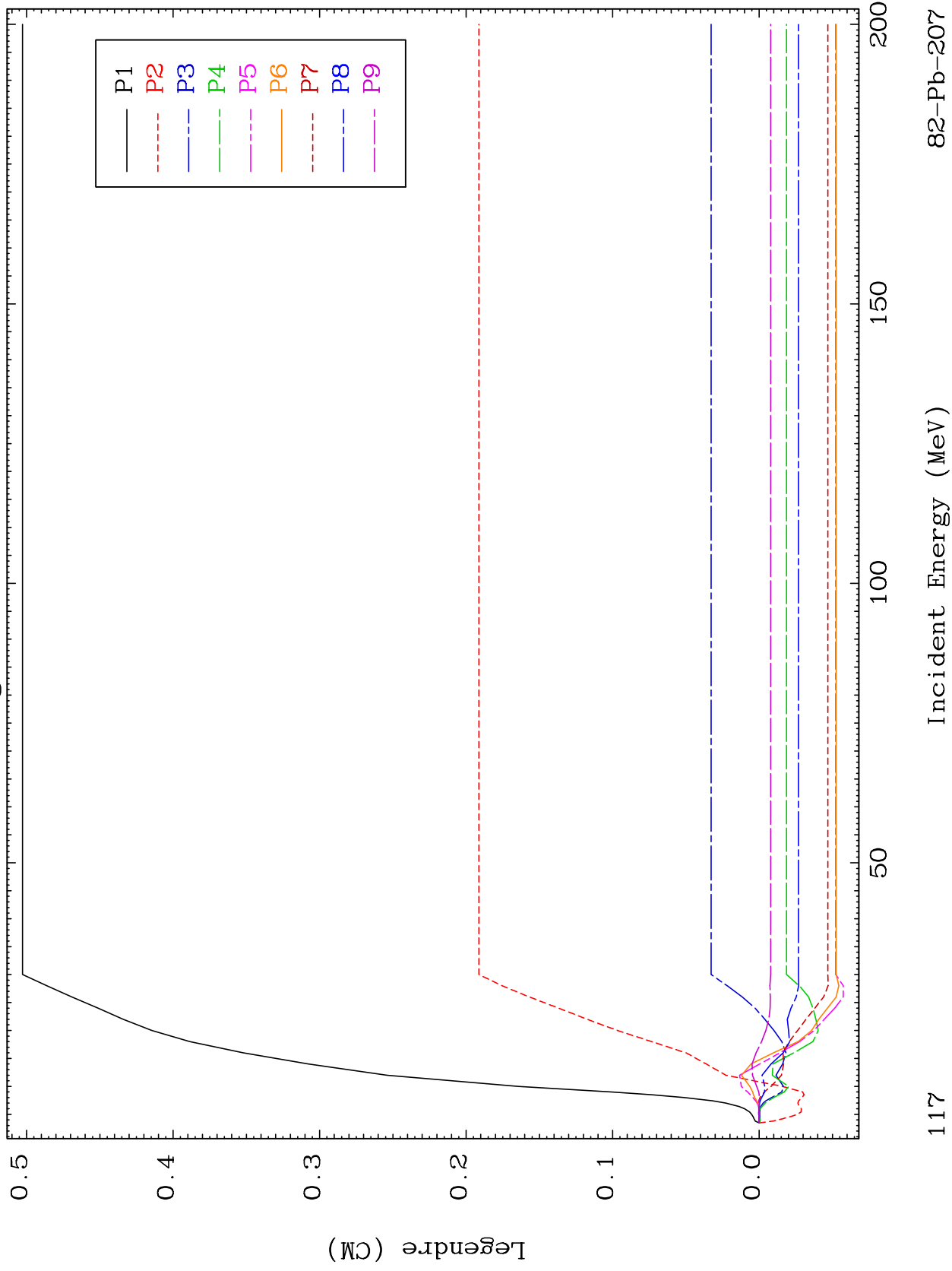
82-Pb-207



MAT 8234

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

82-Pb-207



117

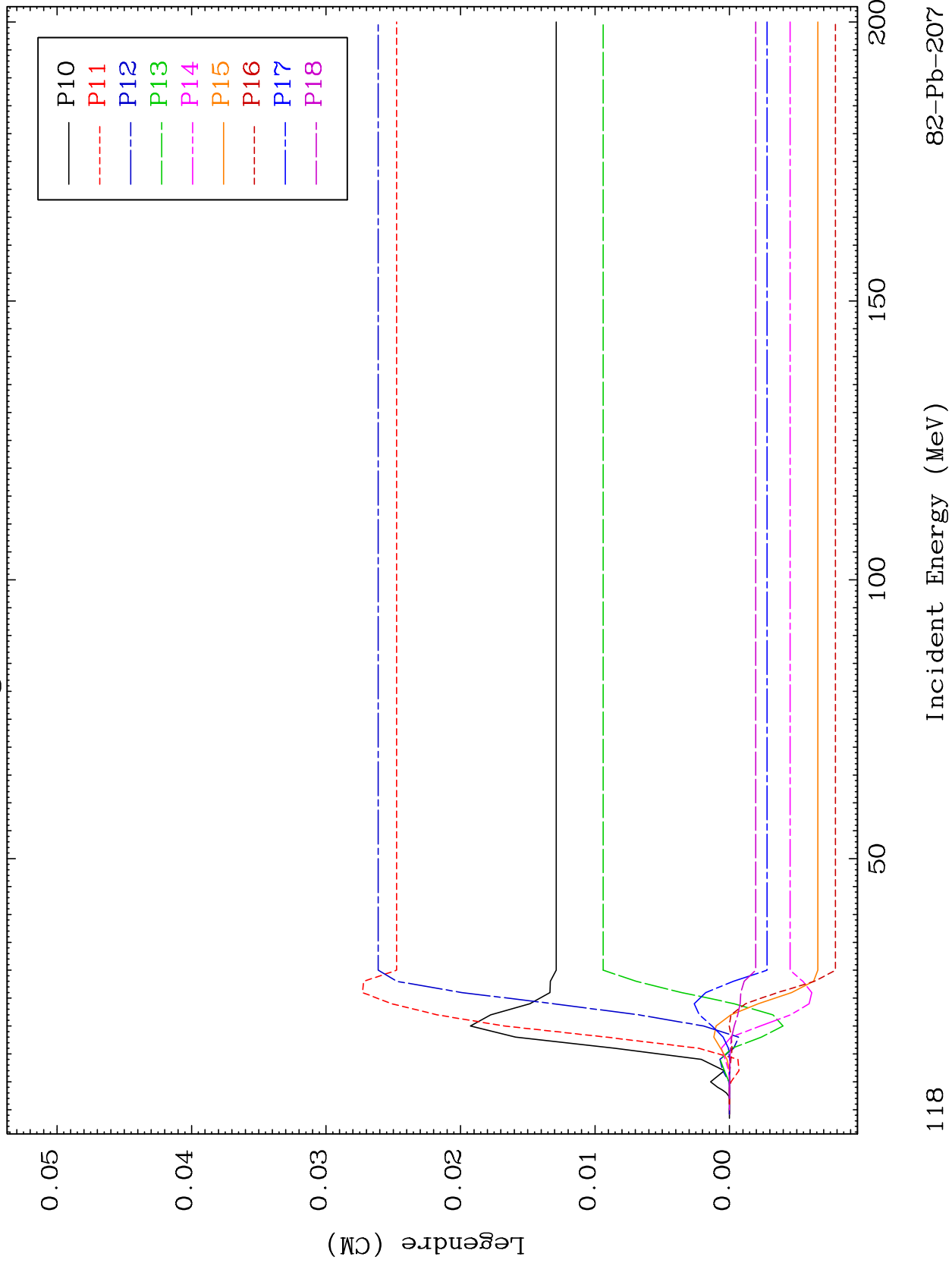
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207

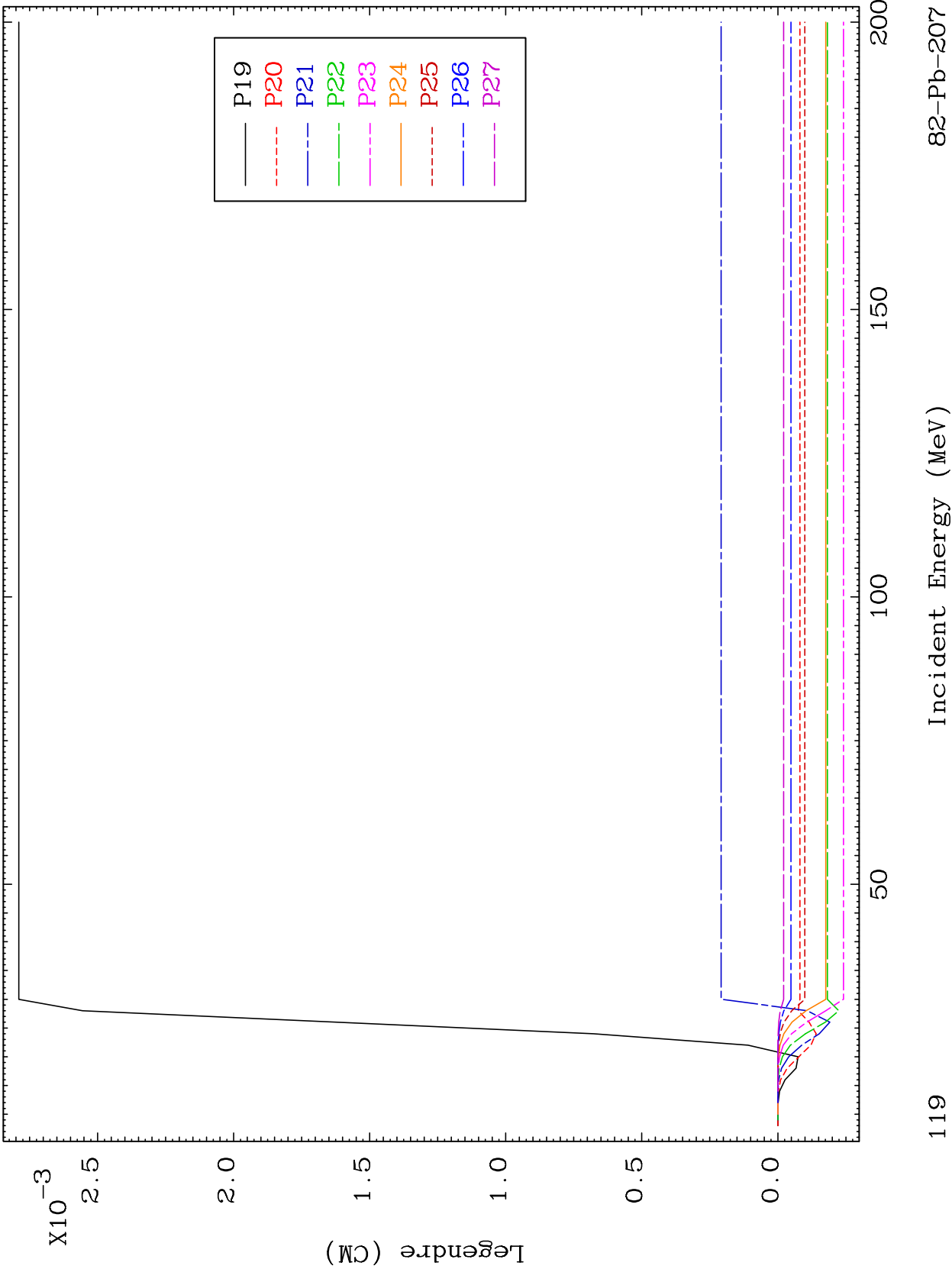


118

MAT 8234

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

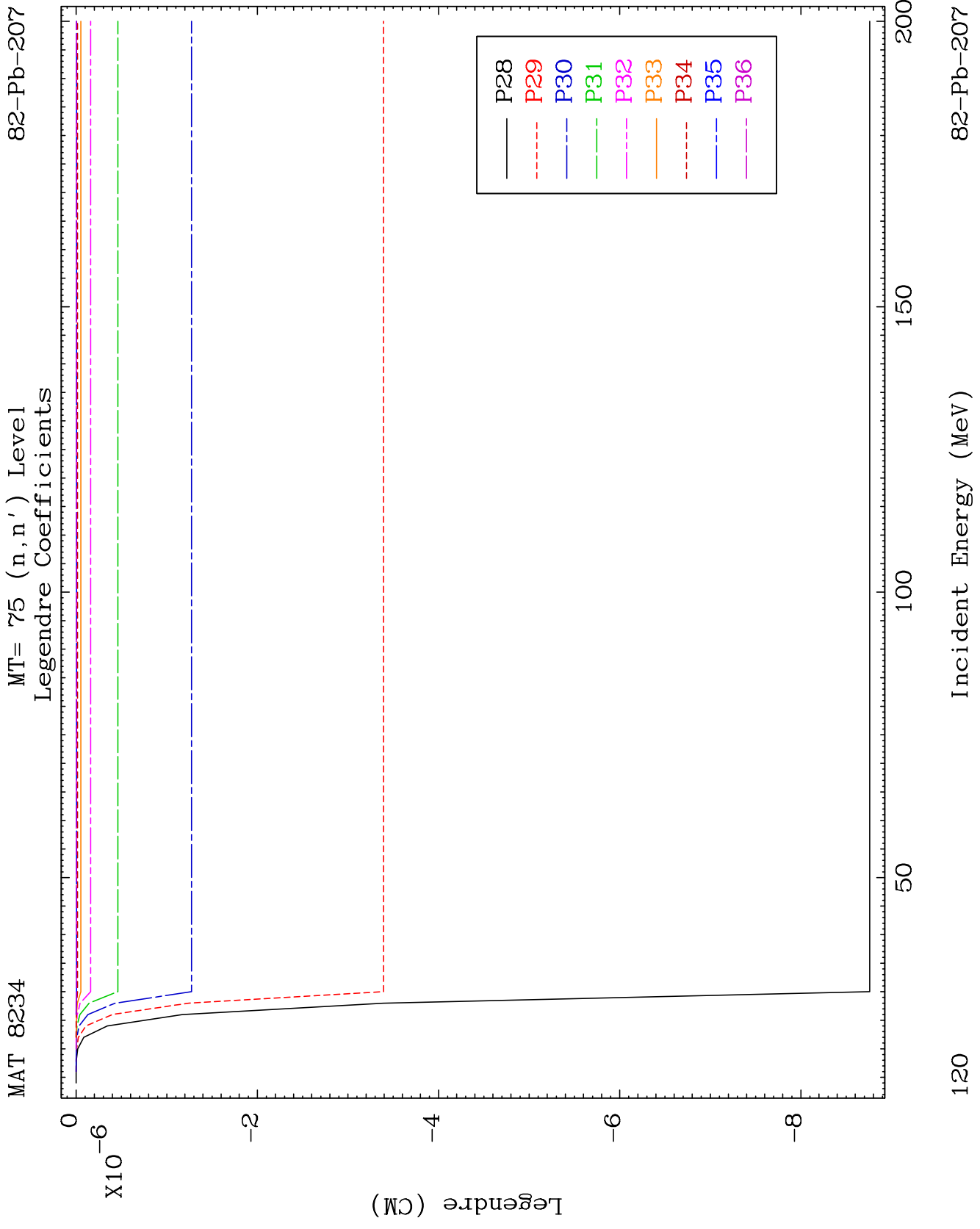
82-Pb-207



119

Incident Energy (MeV)

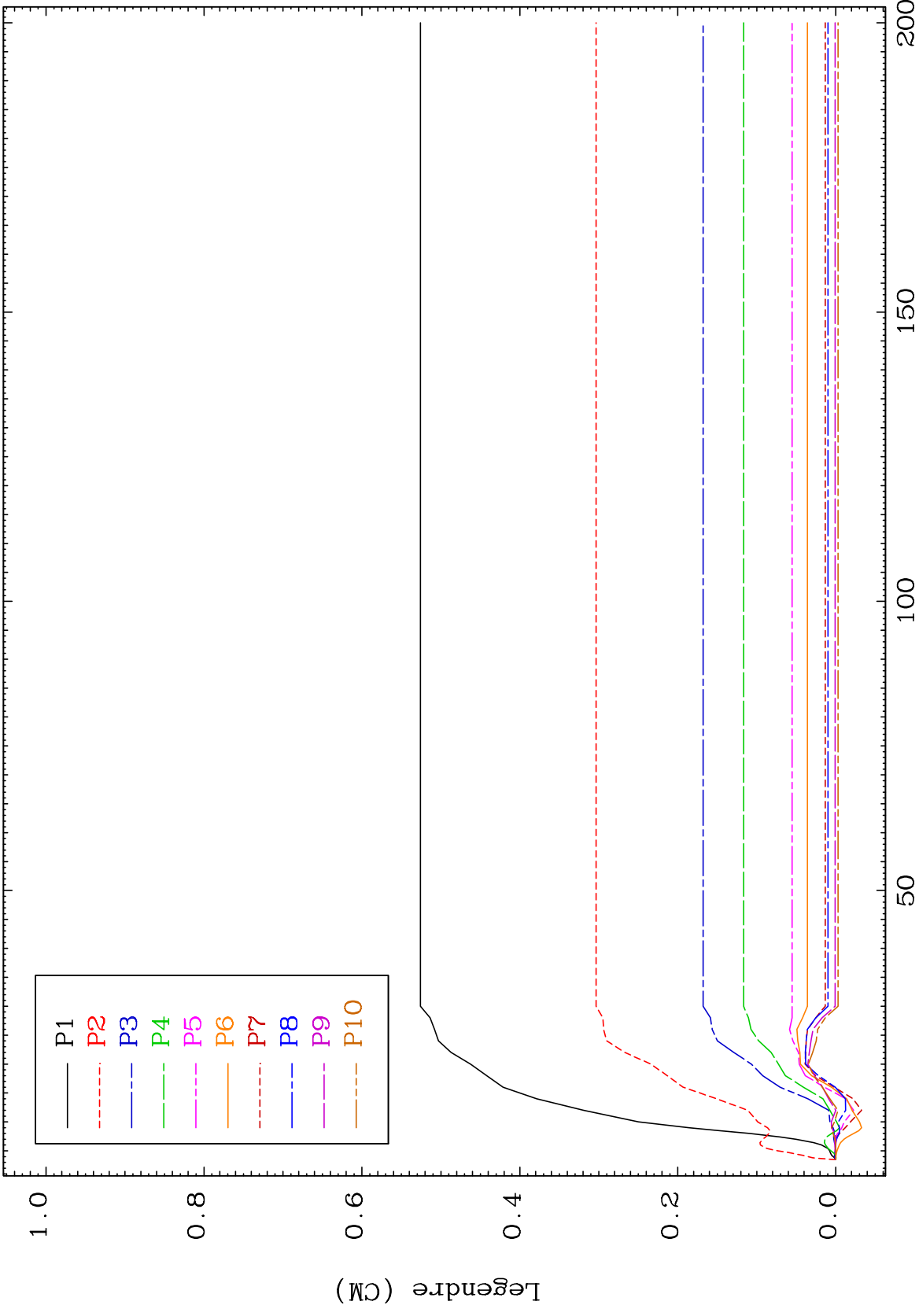
82-Pb-207



MAT 8234

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

82-Pb-207



121

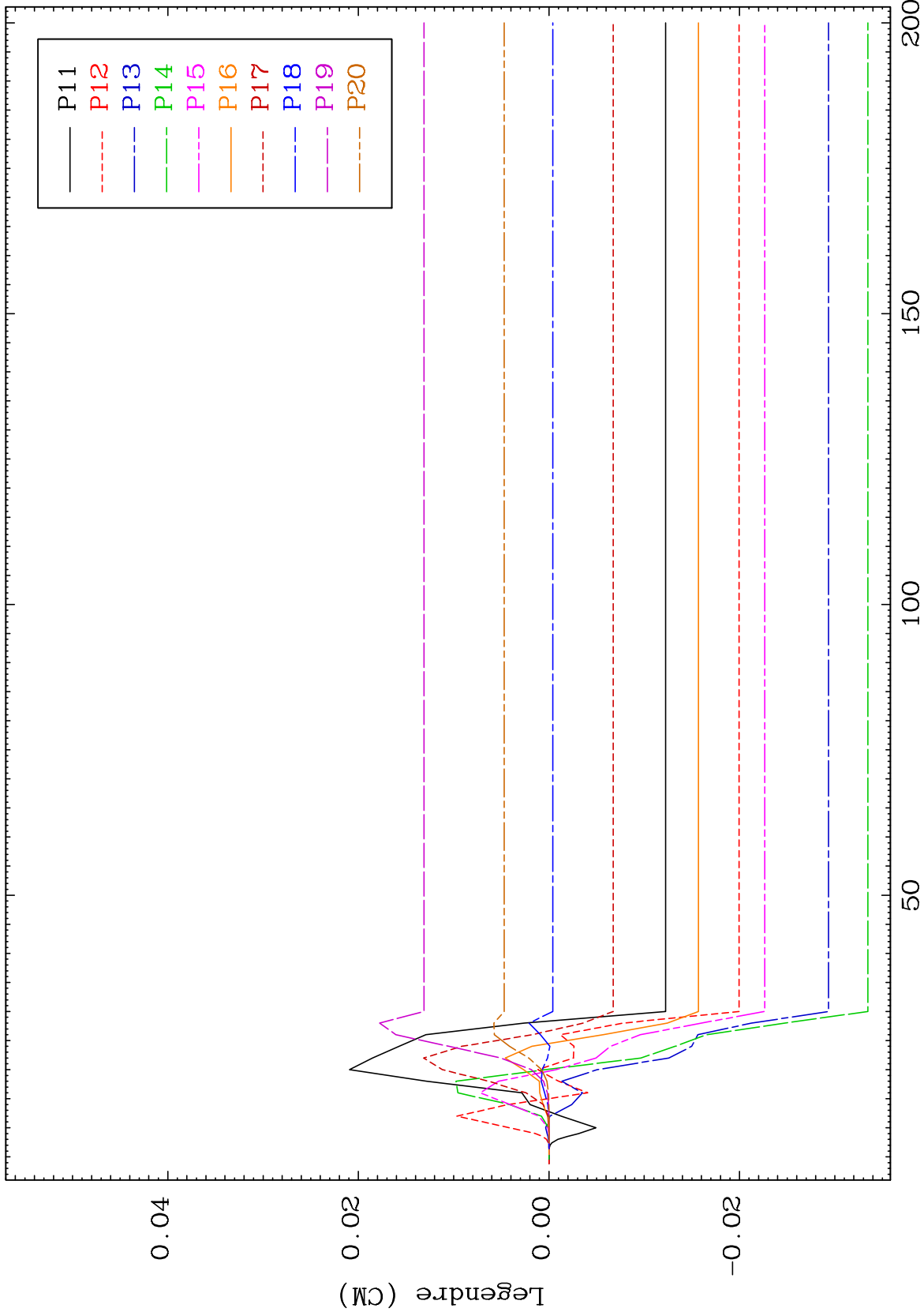
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

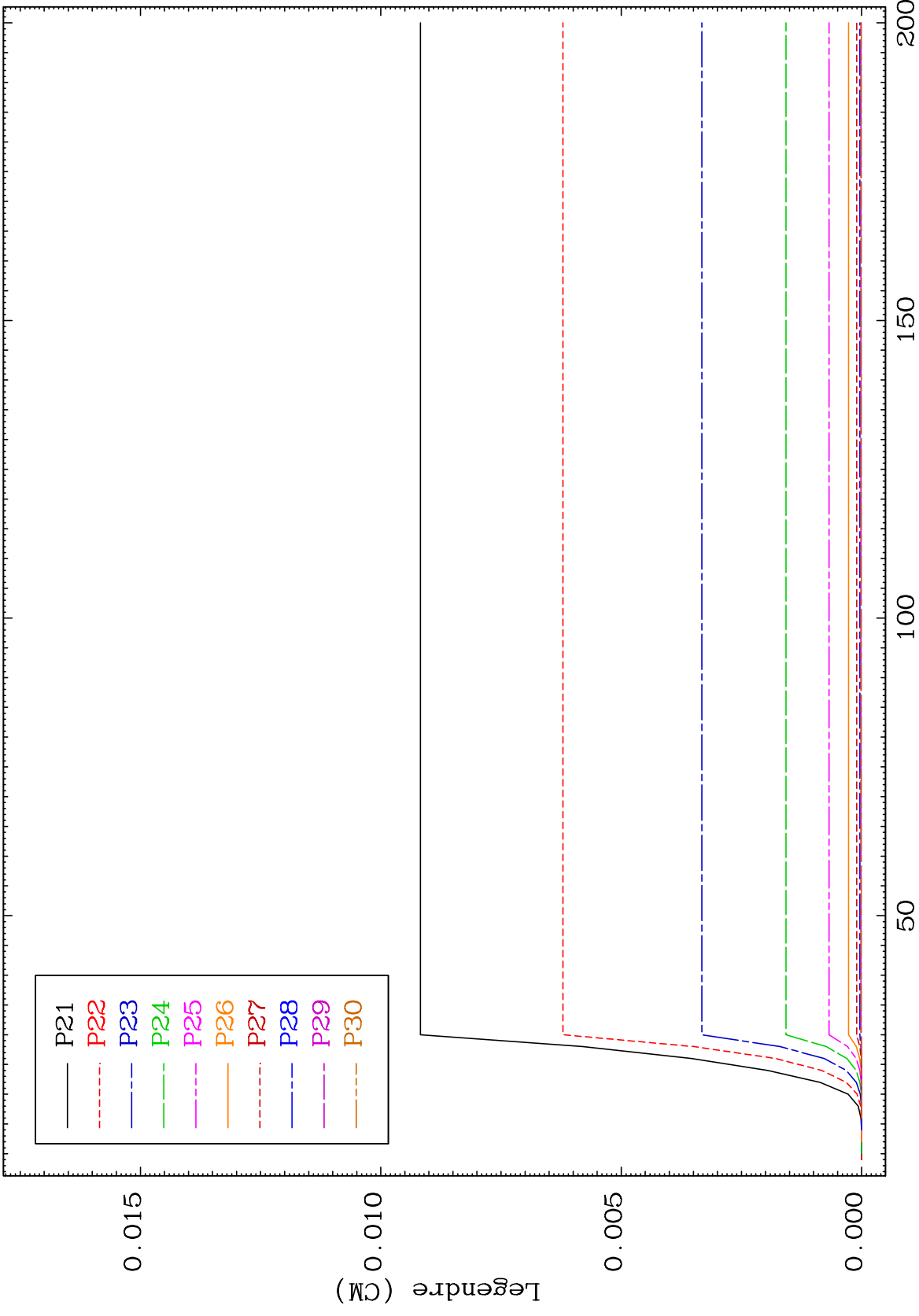
82-Pb-207



MAT 8234

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

82-Pb-207



123

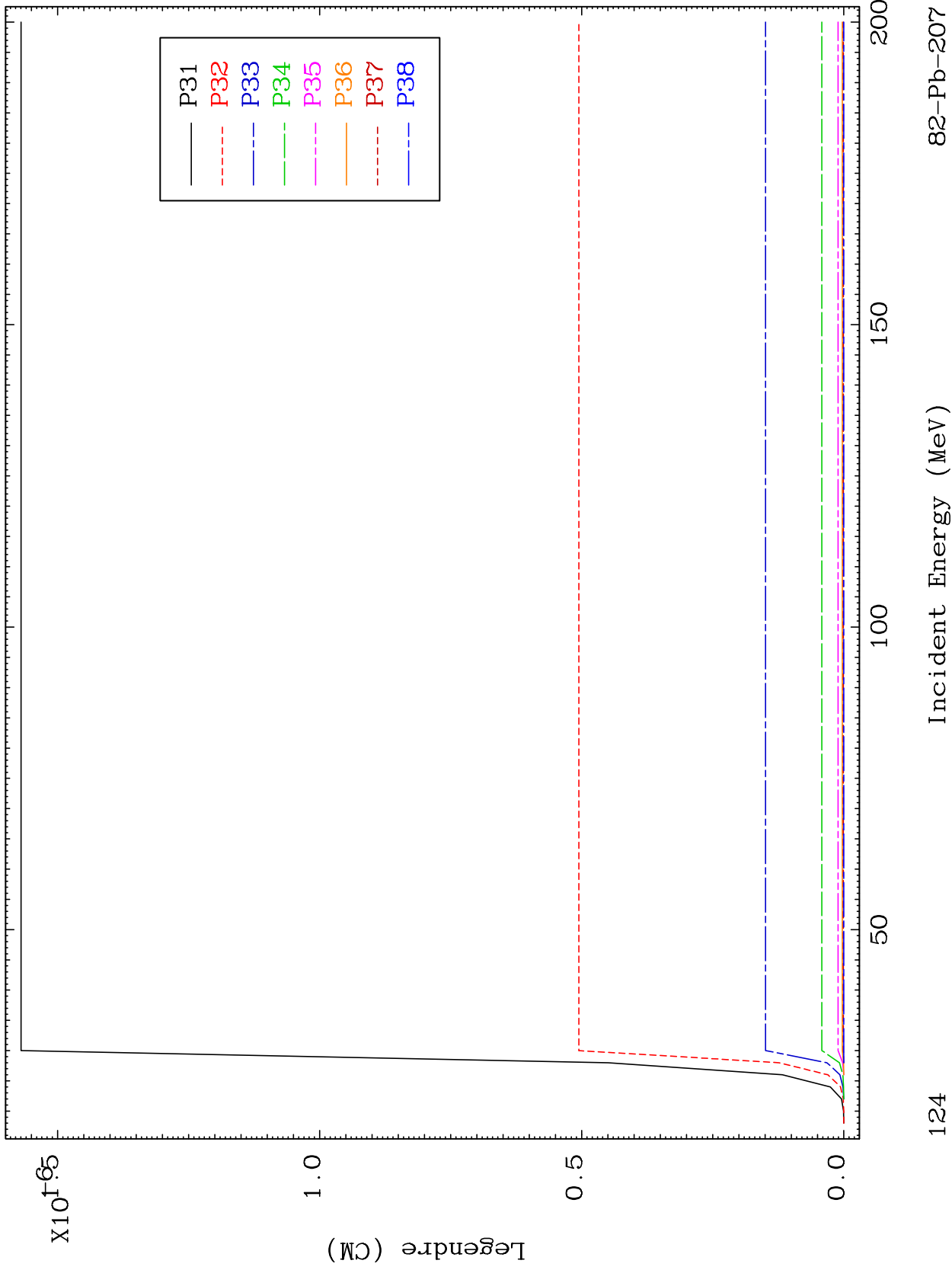
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

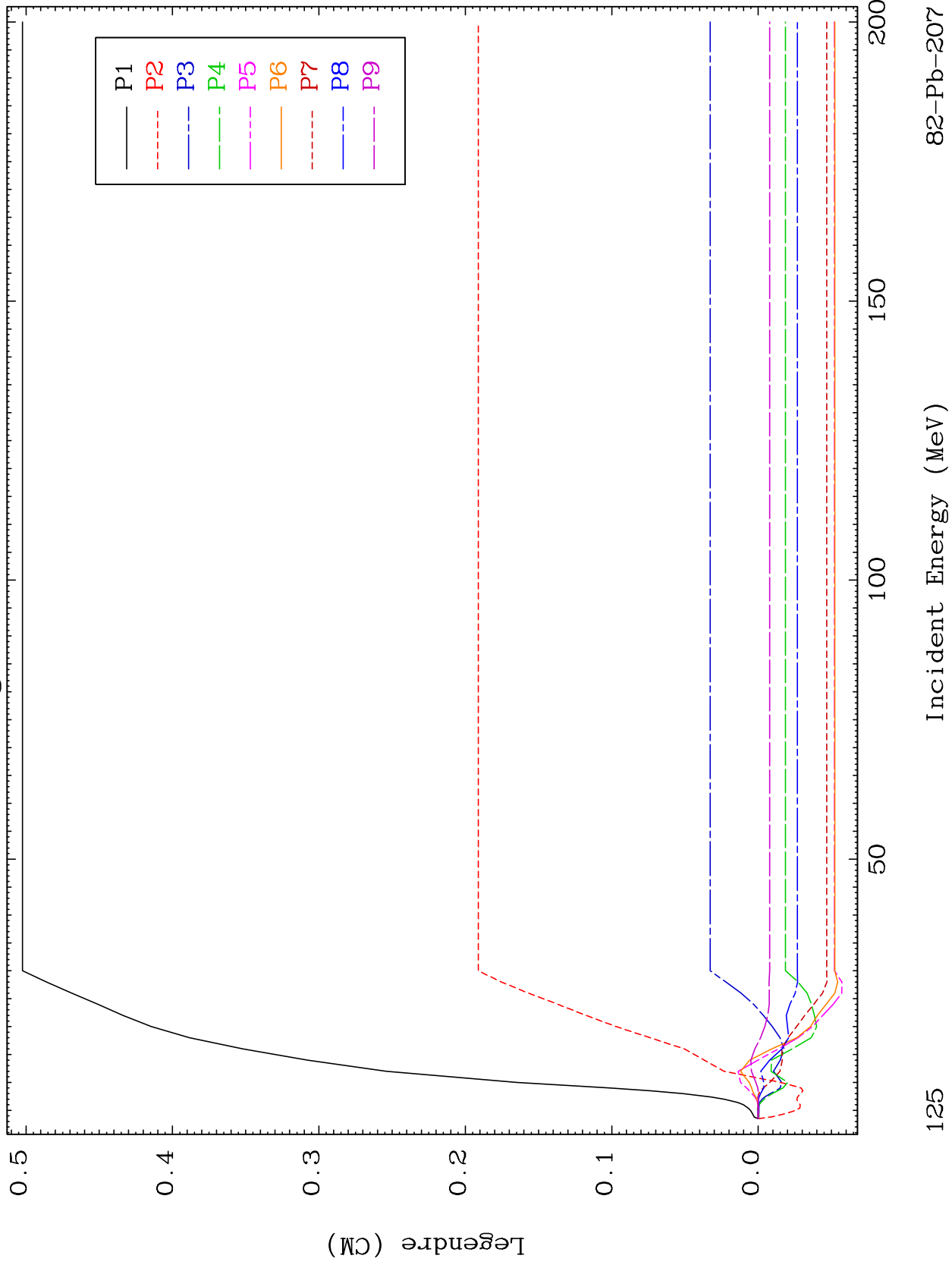
82-Pb-207



MAT 8234

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

82-Pb-207



125

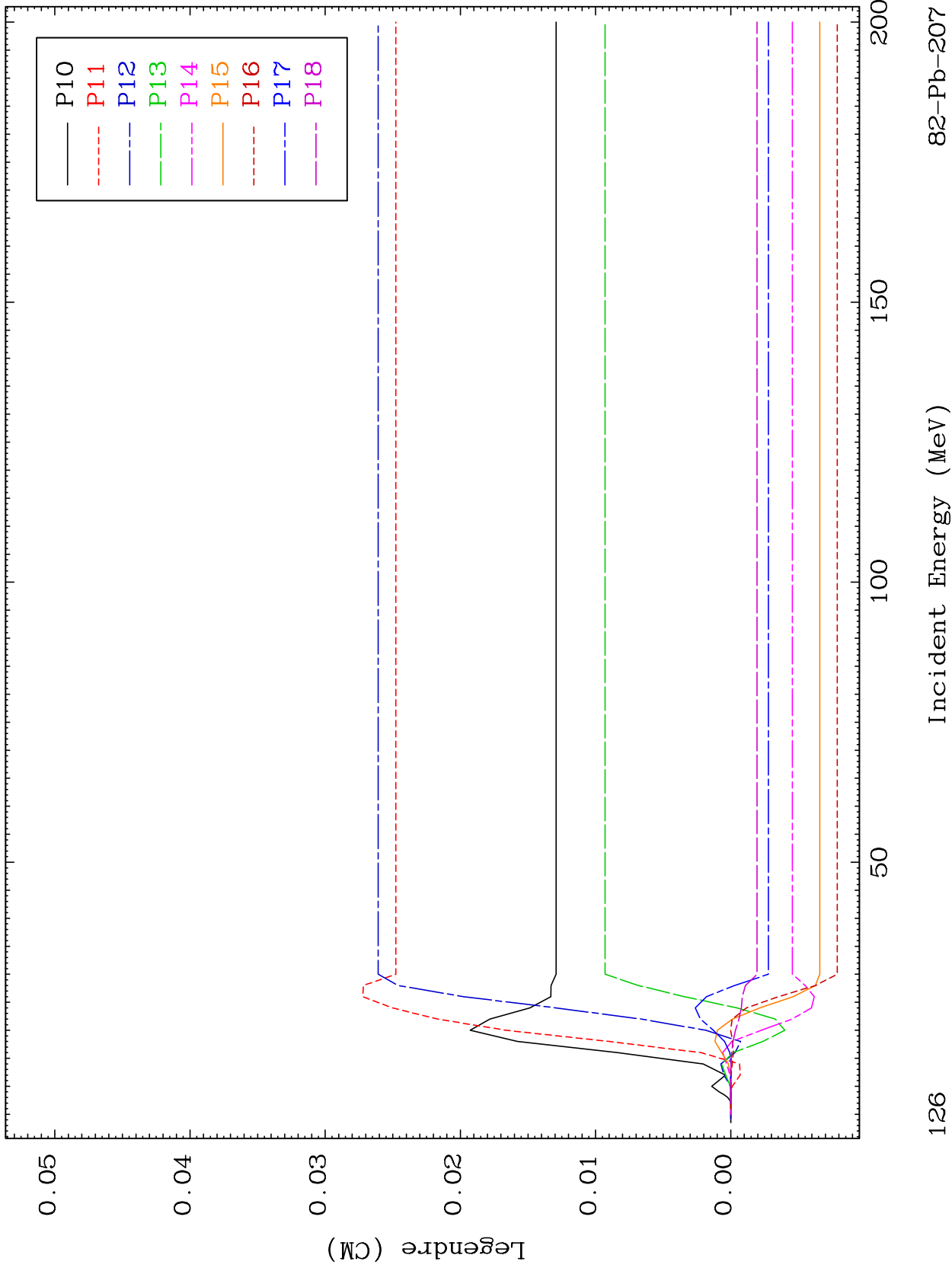
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



126

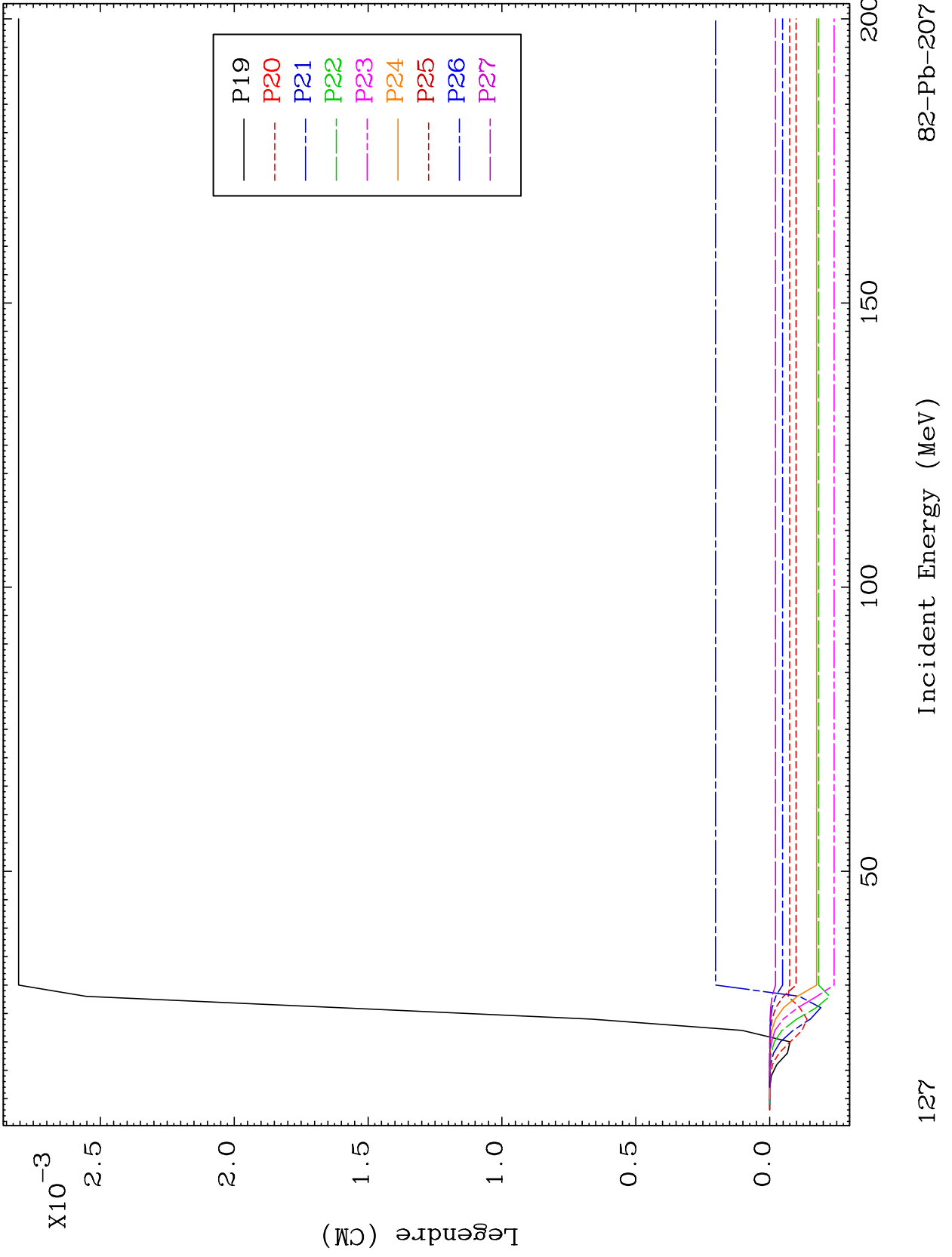
Incident Energy (MeV)

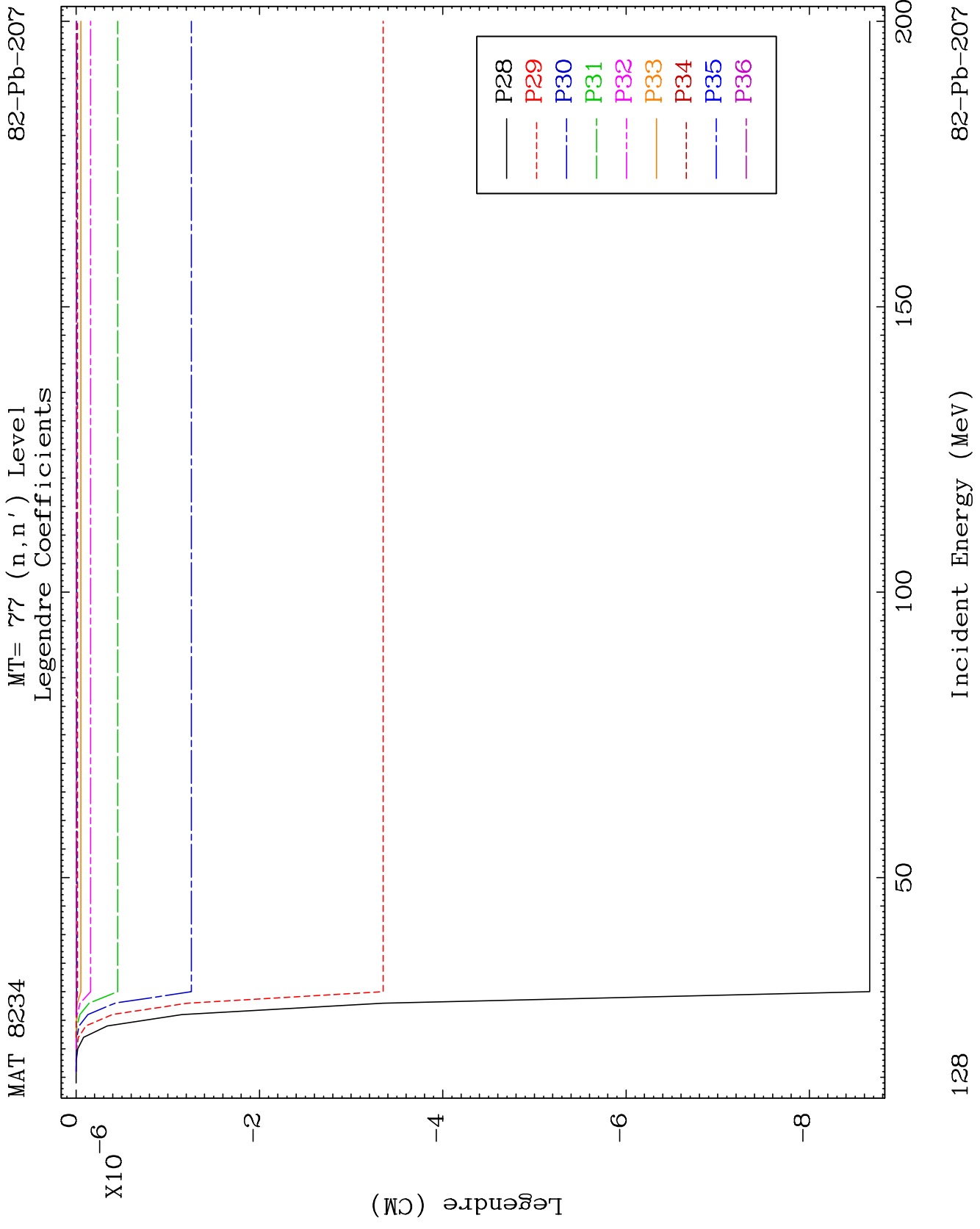
82-Pb-207

MAT 8234

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

82-Pb-207

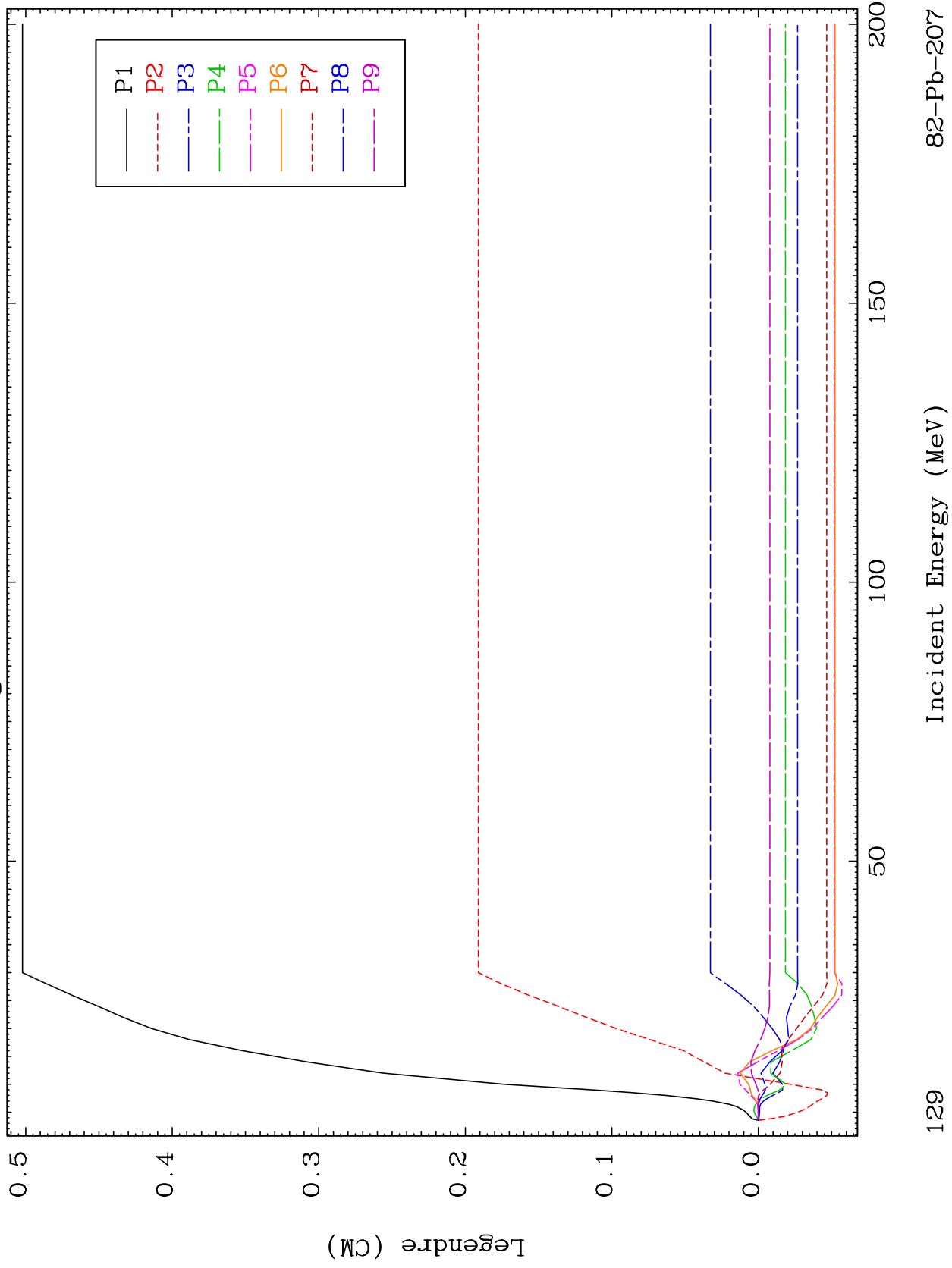




MAT 8234

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

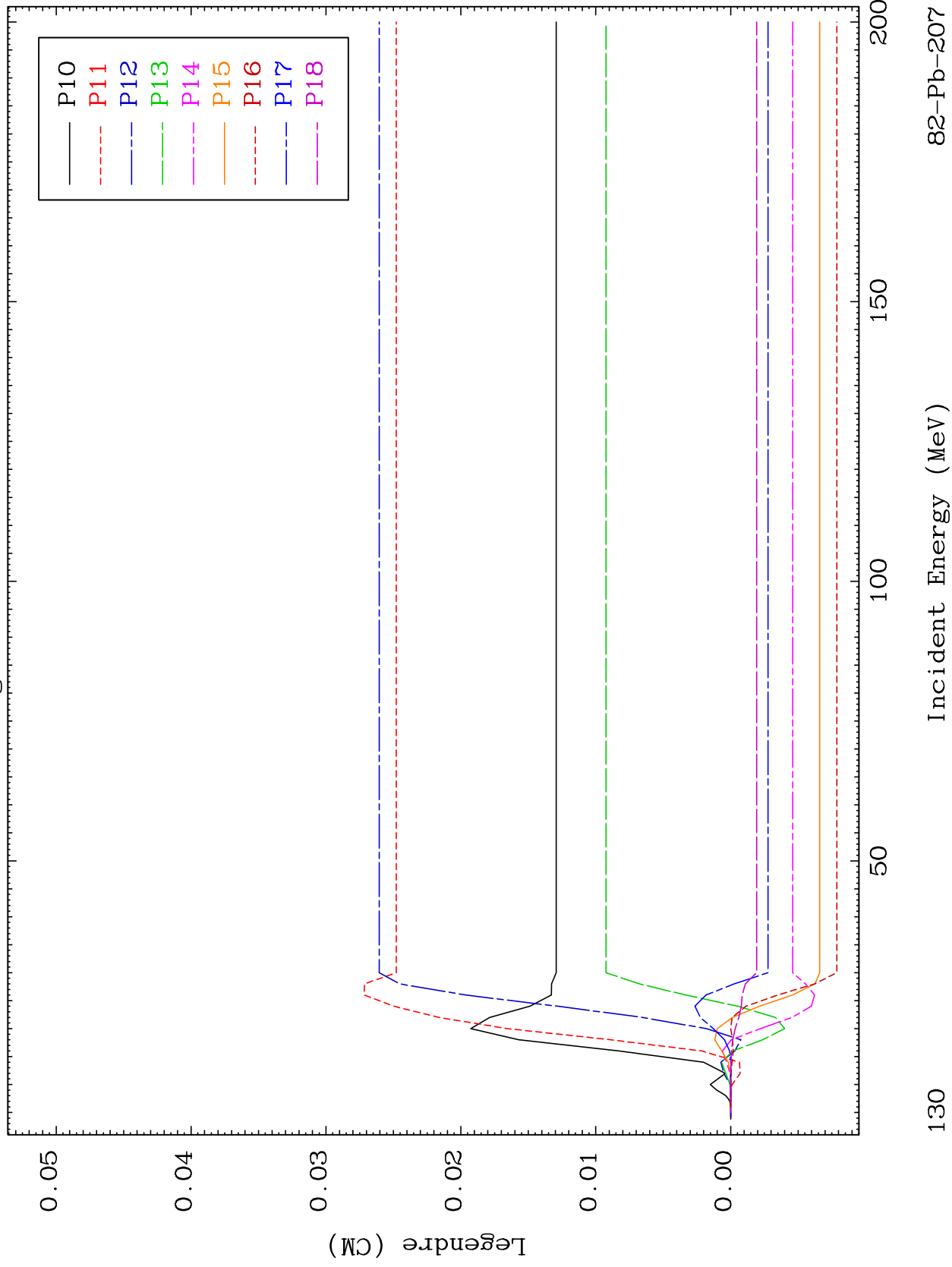
82-Pb-207



MAT 8234

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

82-Pb-207



130

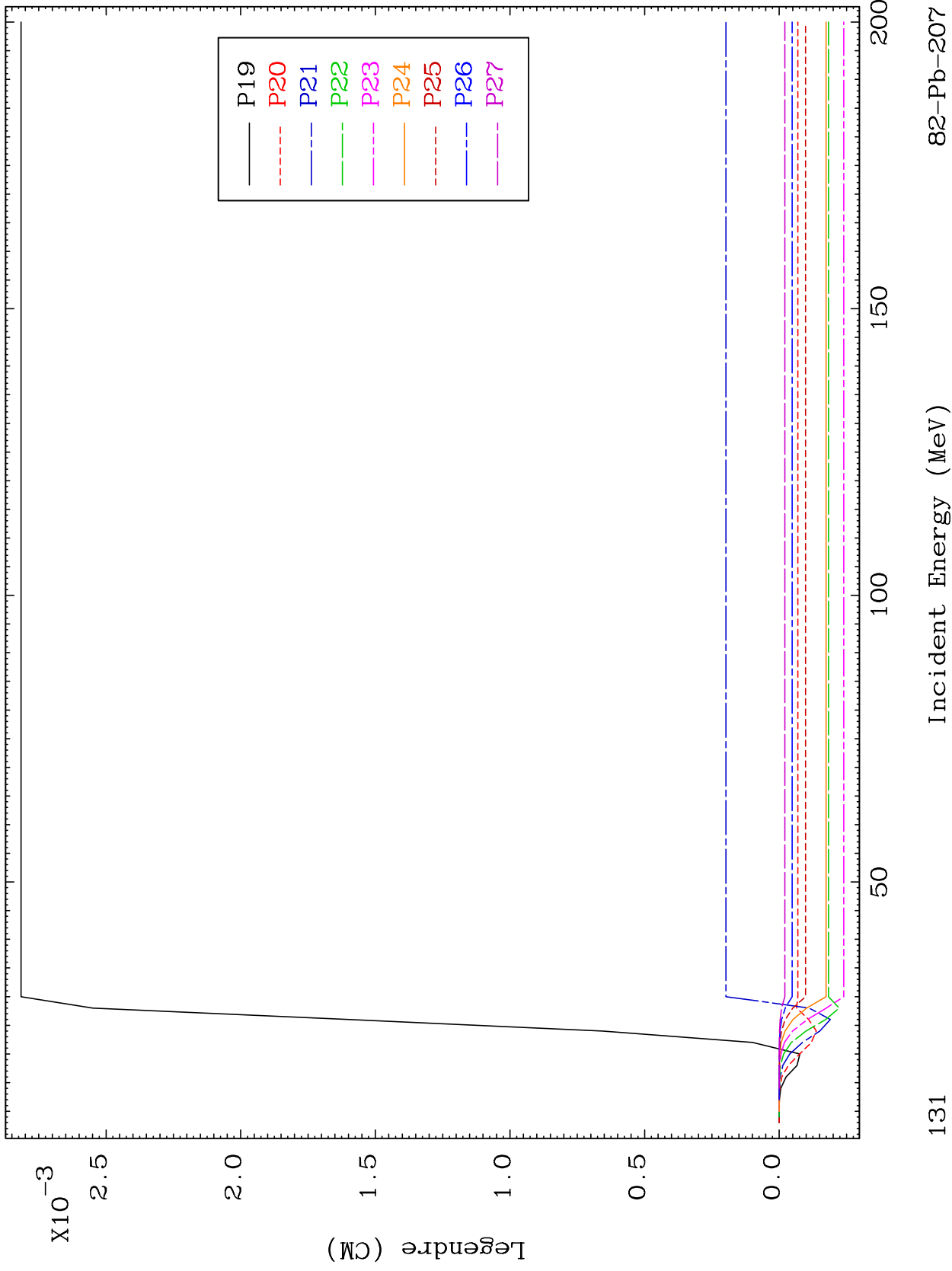
Incident Energy (MeV)

82-Pb-207

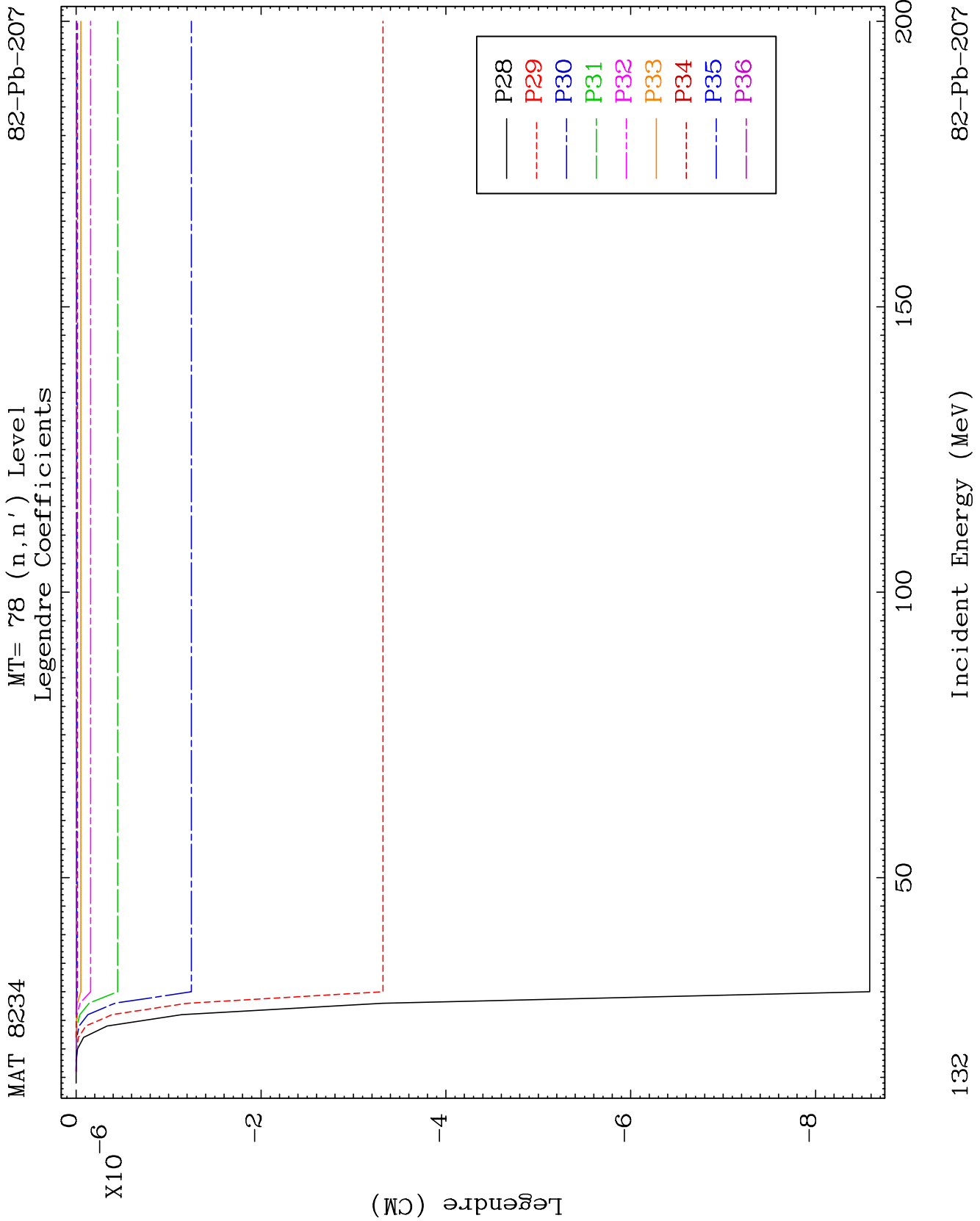
MAT 8234

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

82-Pb-207



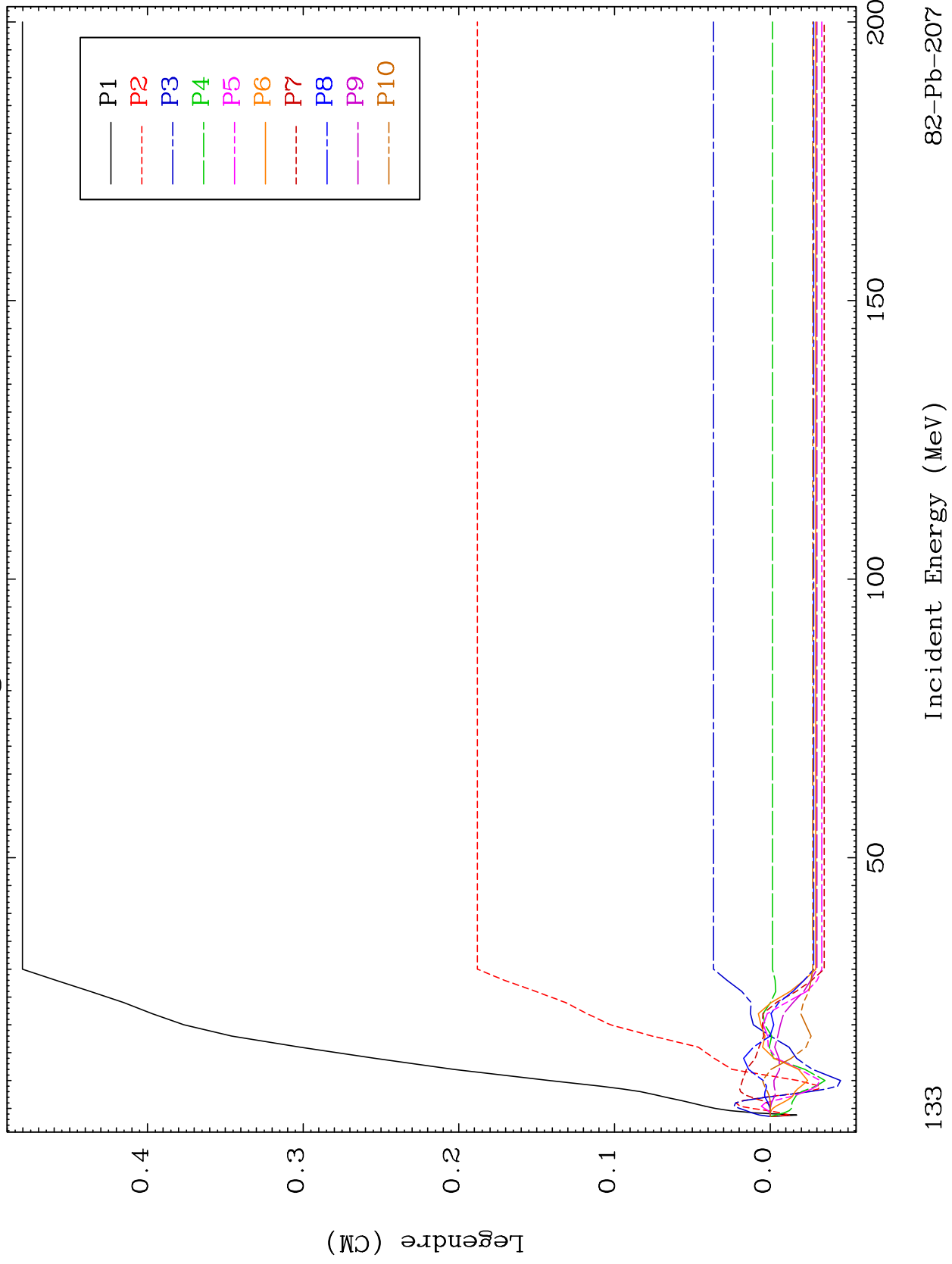
131



MAT 8234

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

82-Pb-207

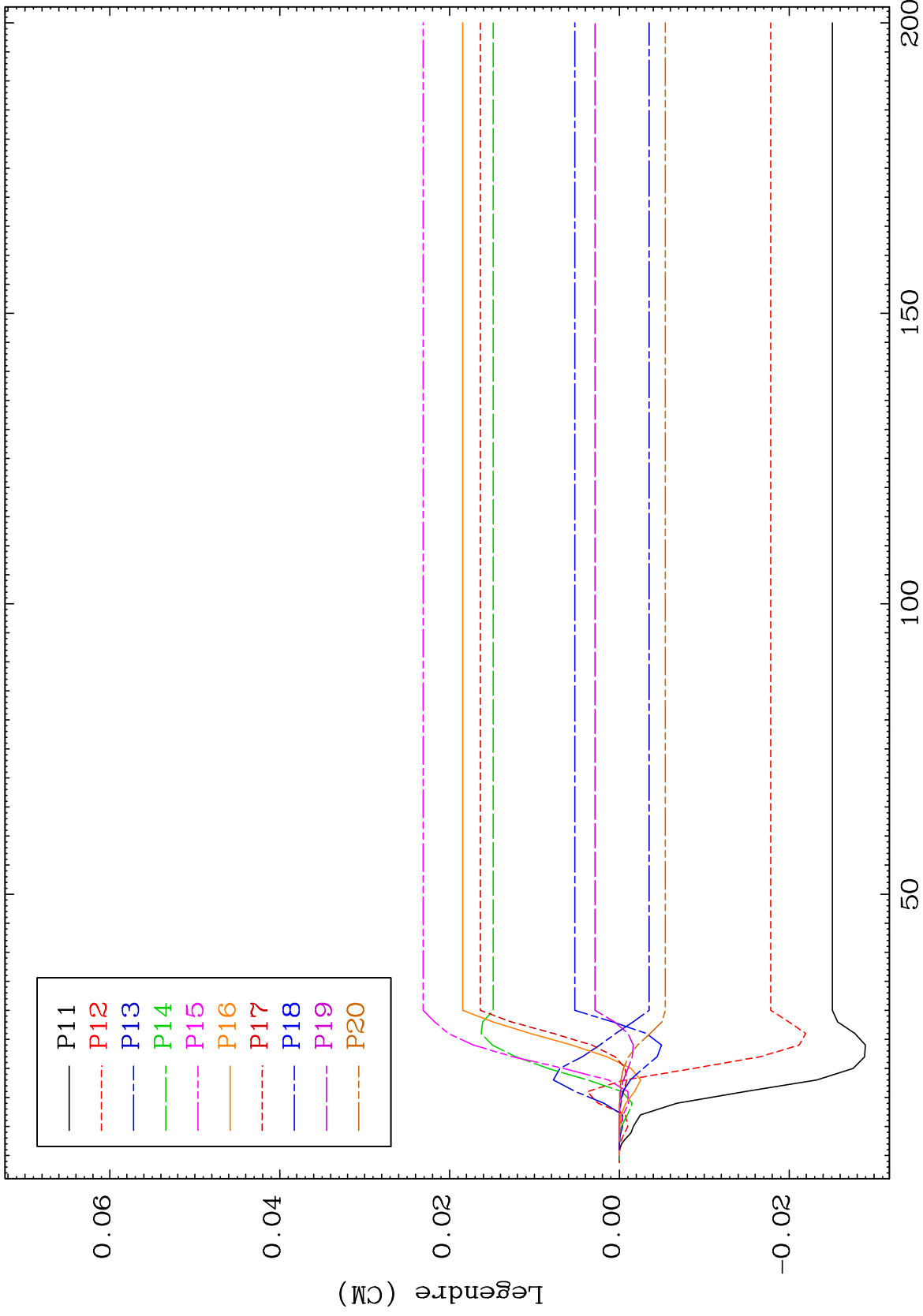


133

MAT 8234

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

82-Pb-207



134

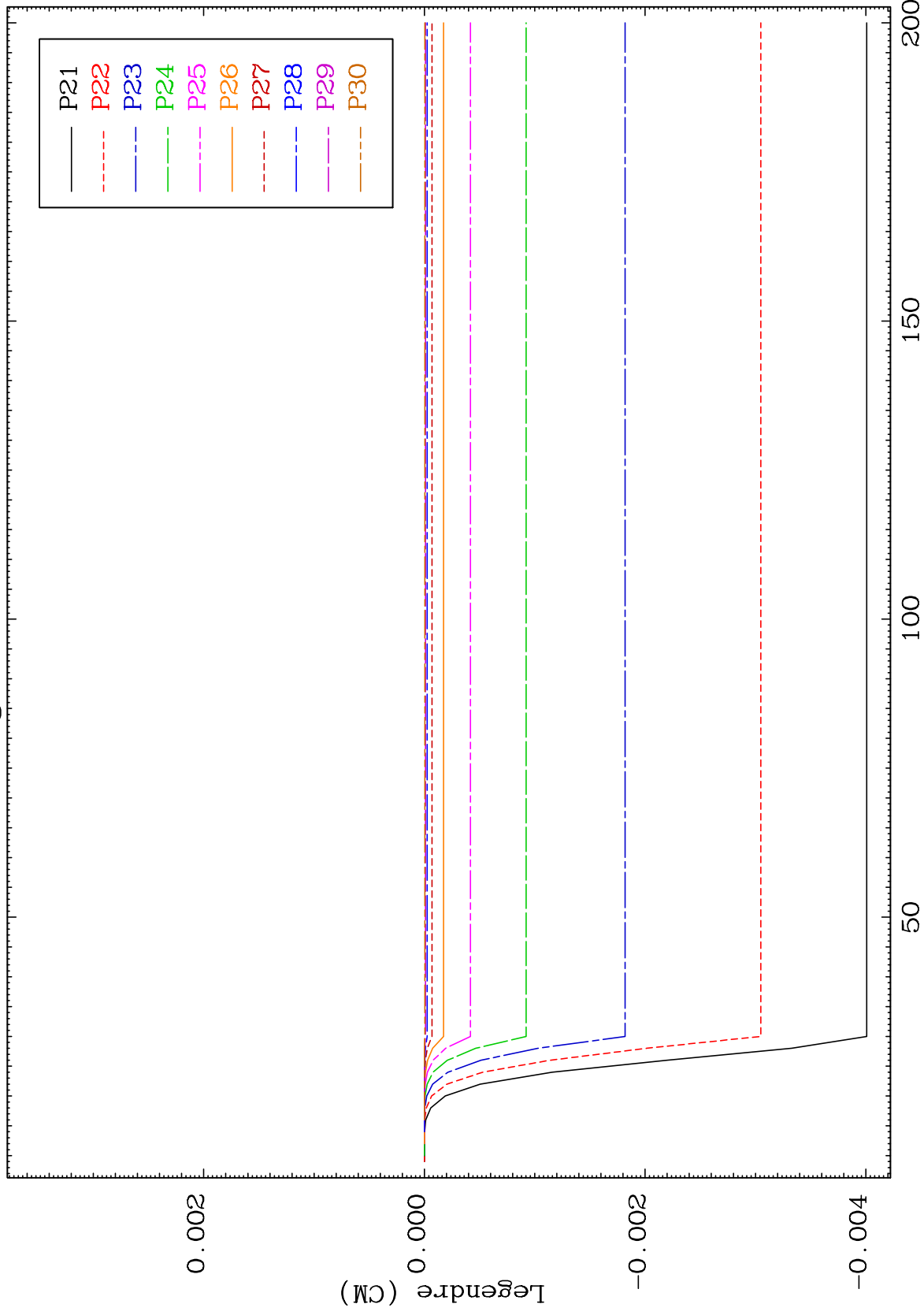
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

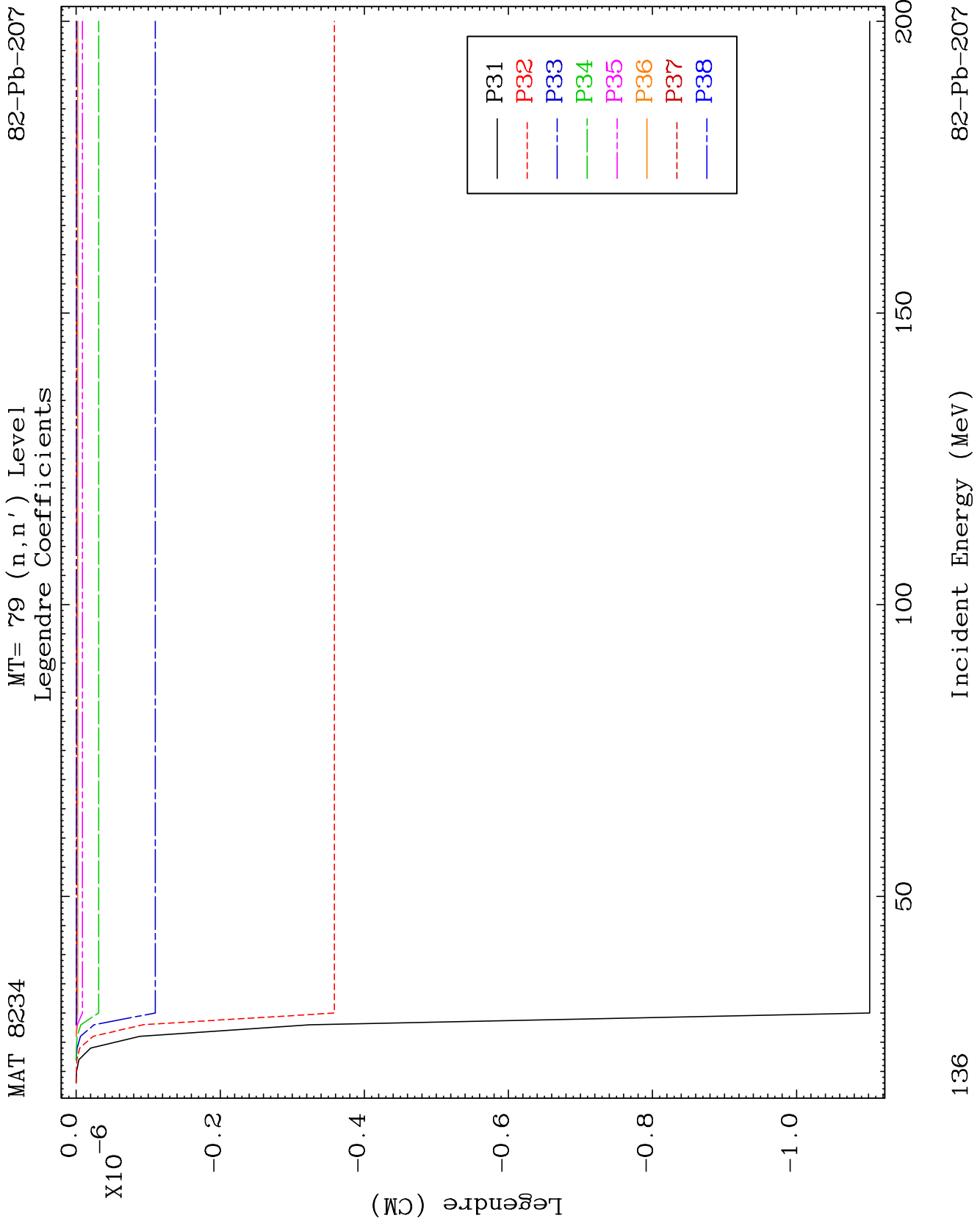
82-Pb-207



135

Incident Energy (MeV)

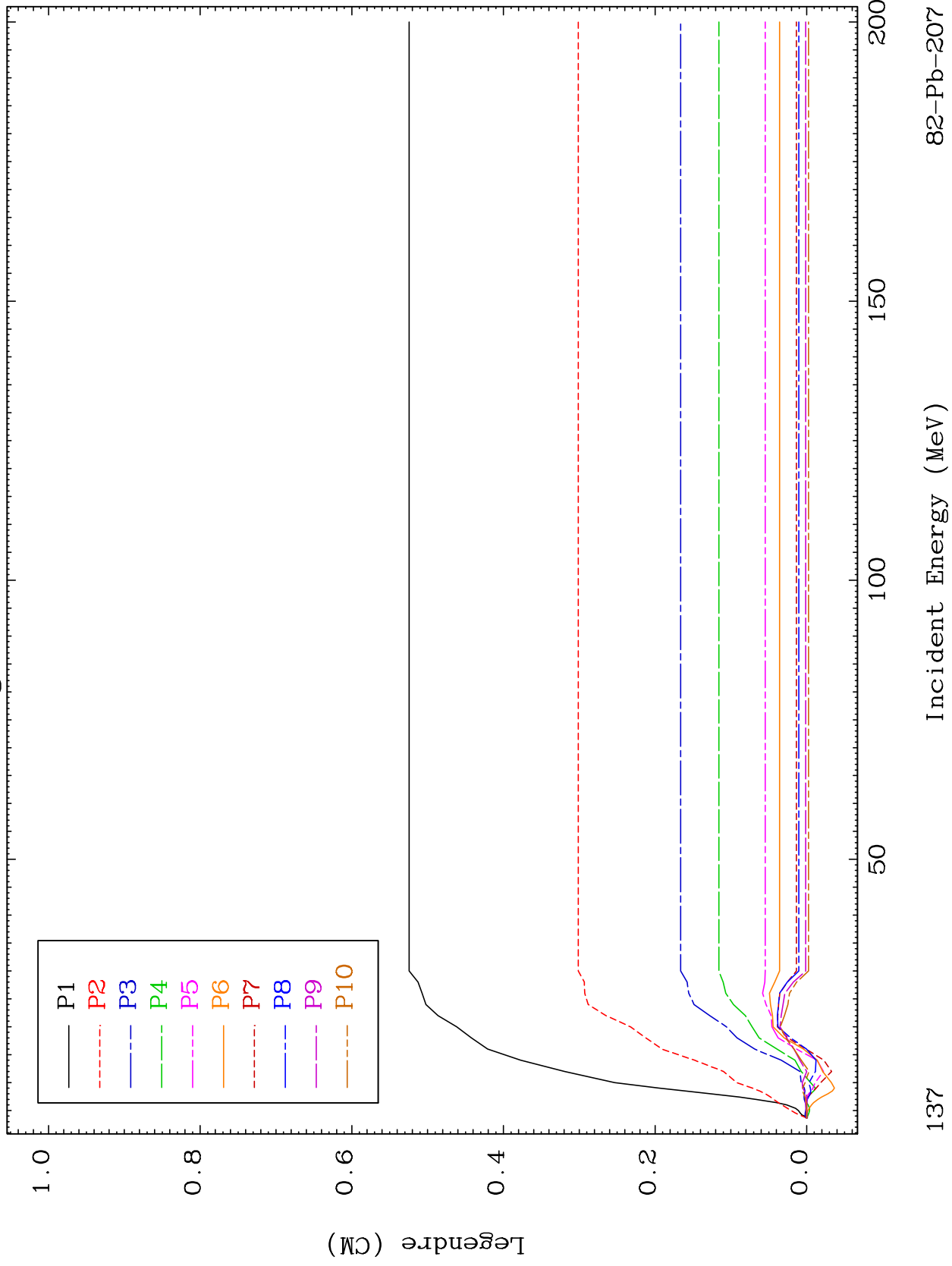
82-Pb-207



MAT 8234

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

82-Pb-207



137

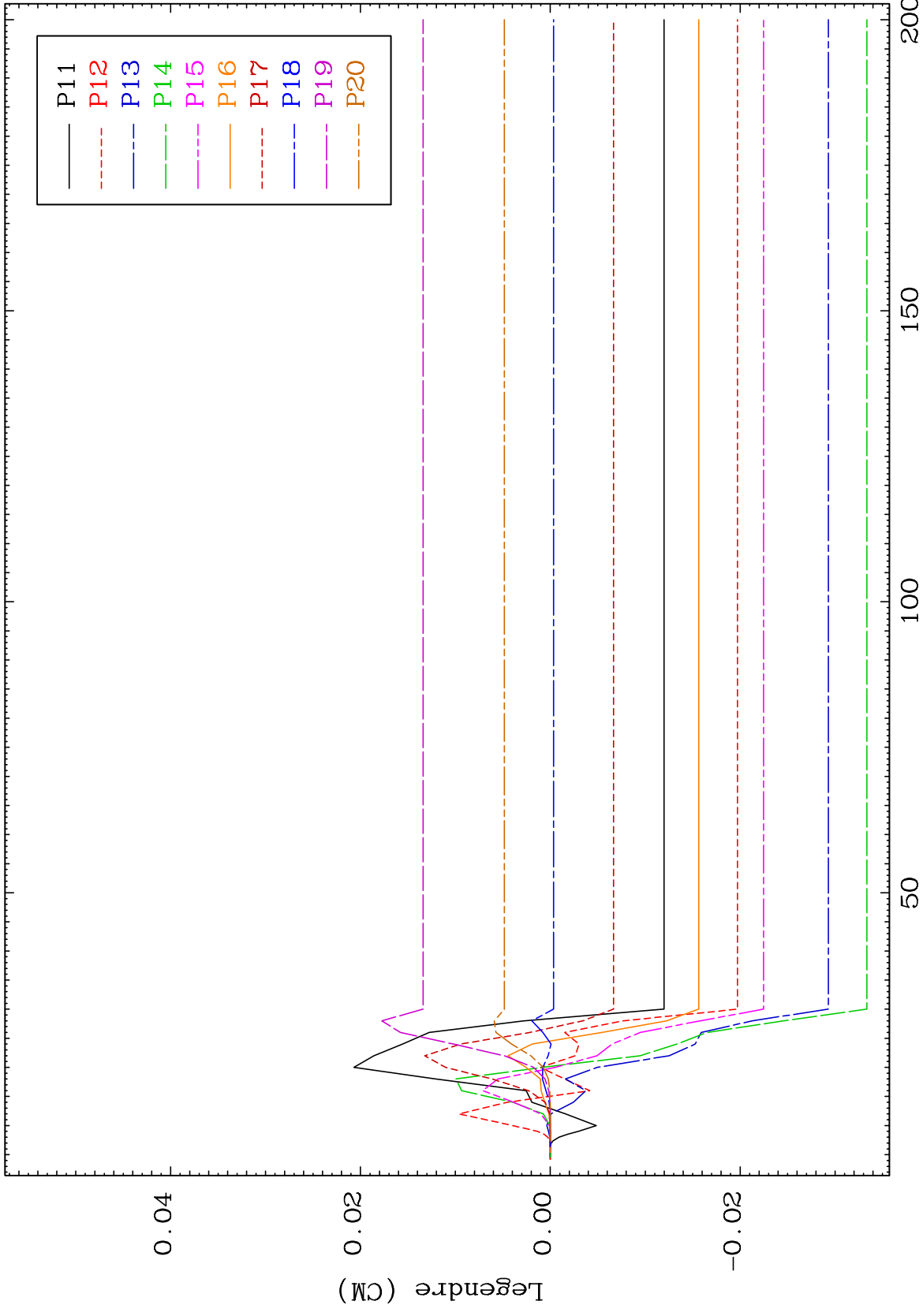
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



138

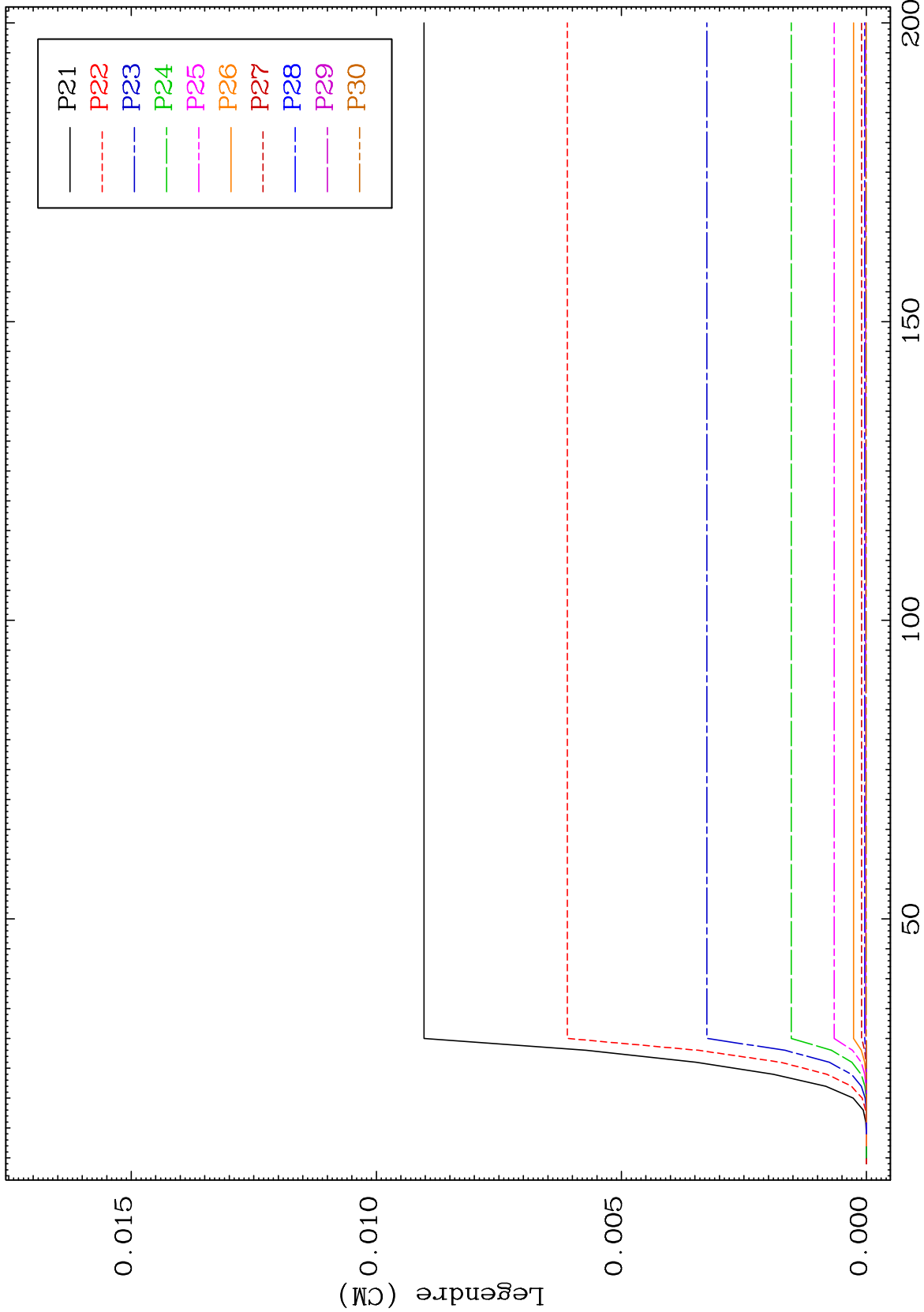
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207



139

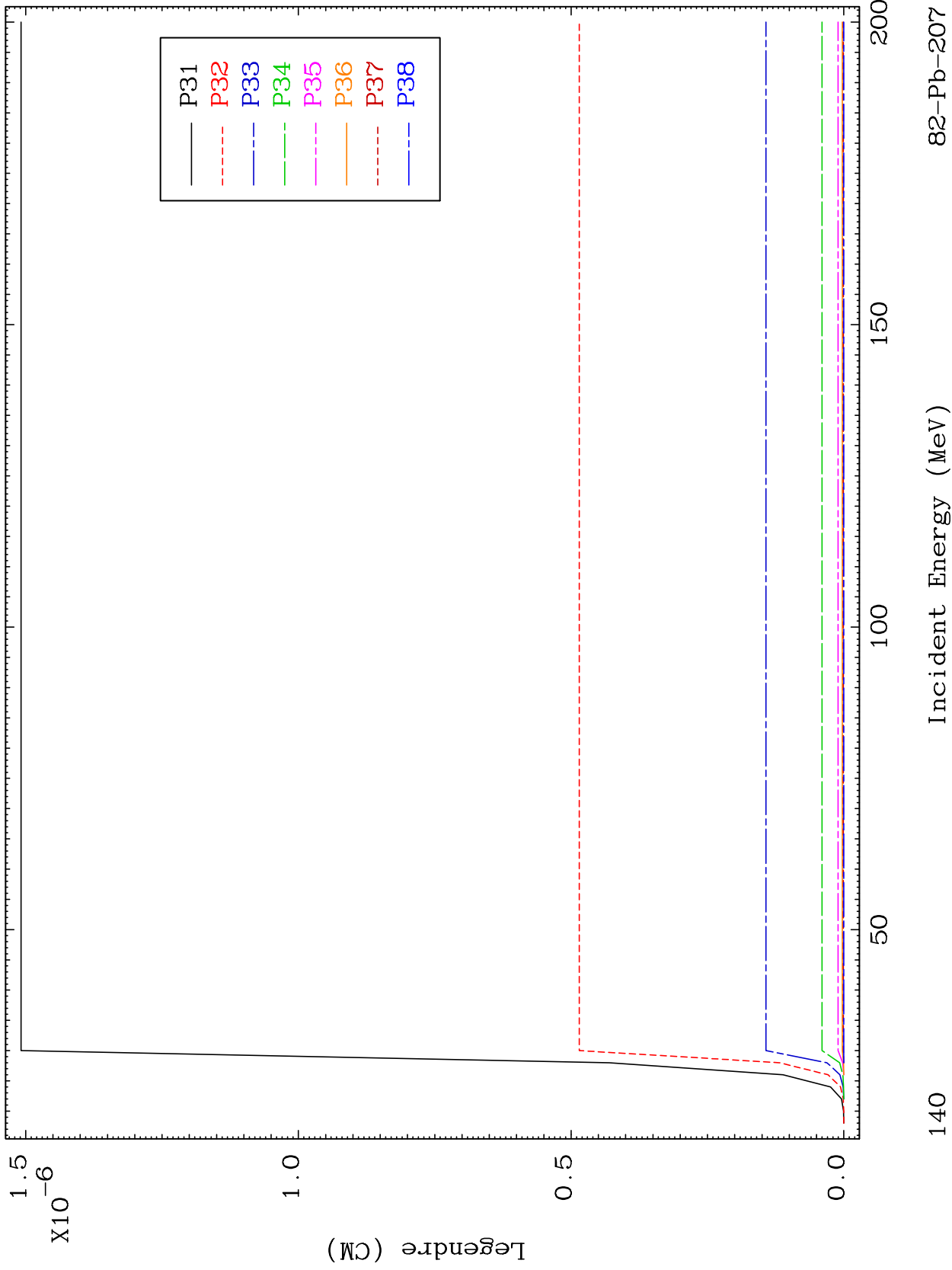
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

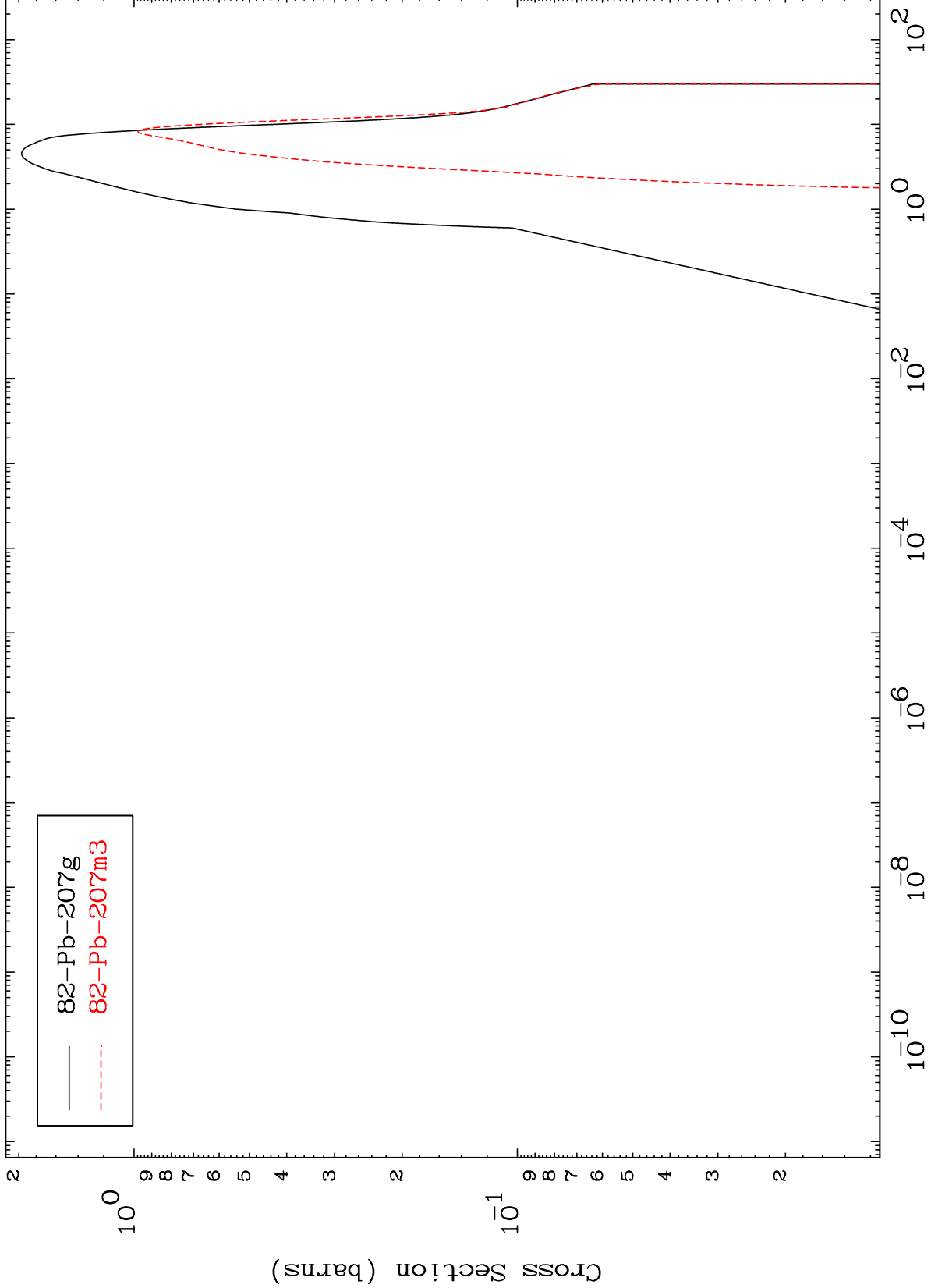
82-Pb-207



MAT 8234

Inelastic
Radionuclide Production Cross Section

82-Pb-207



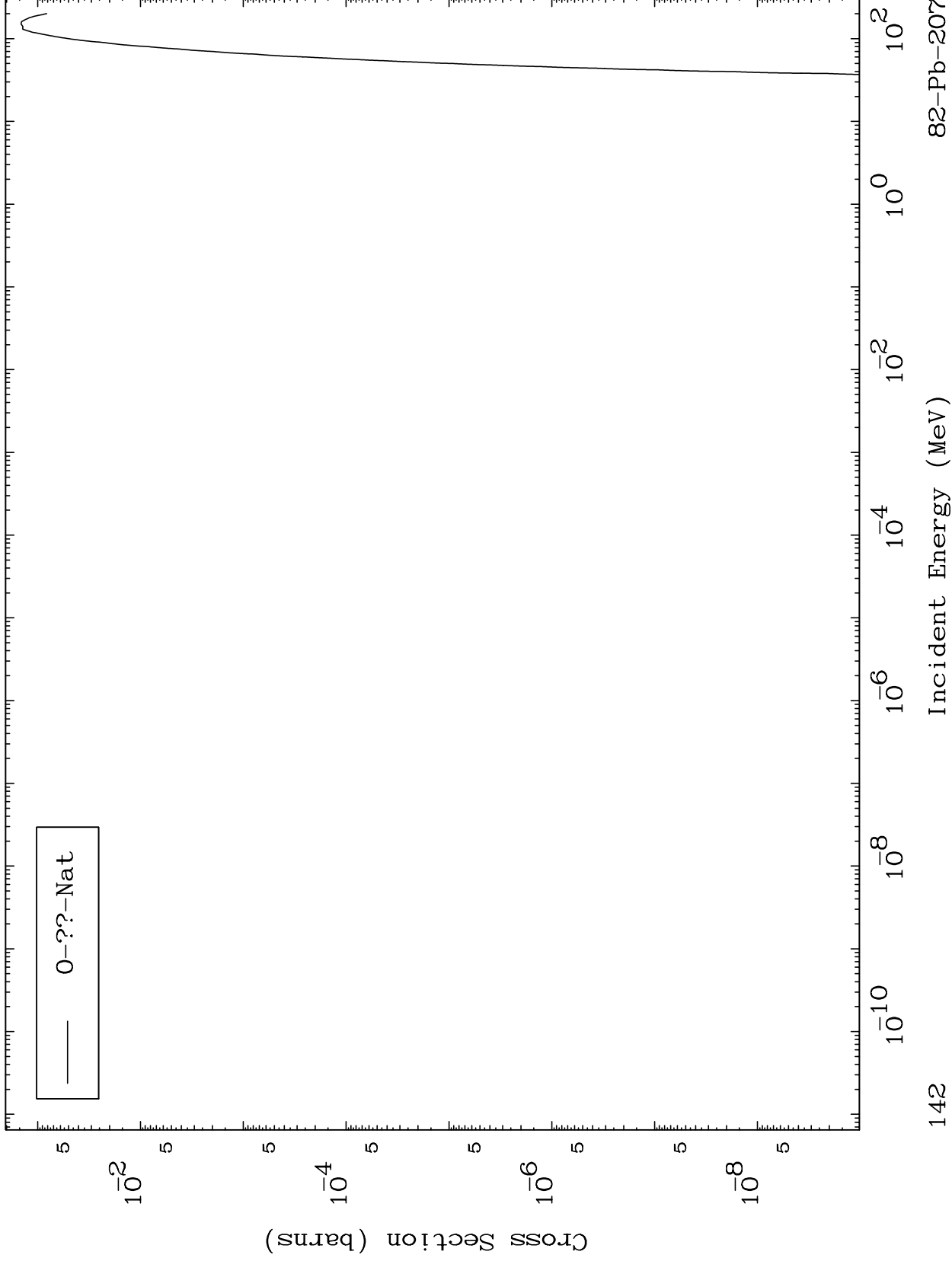
82-Pb-207g
82-Pb-207m3

MAT 8234

Fission

82-Pb-207

Radionuclide Production Cross Section

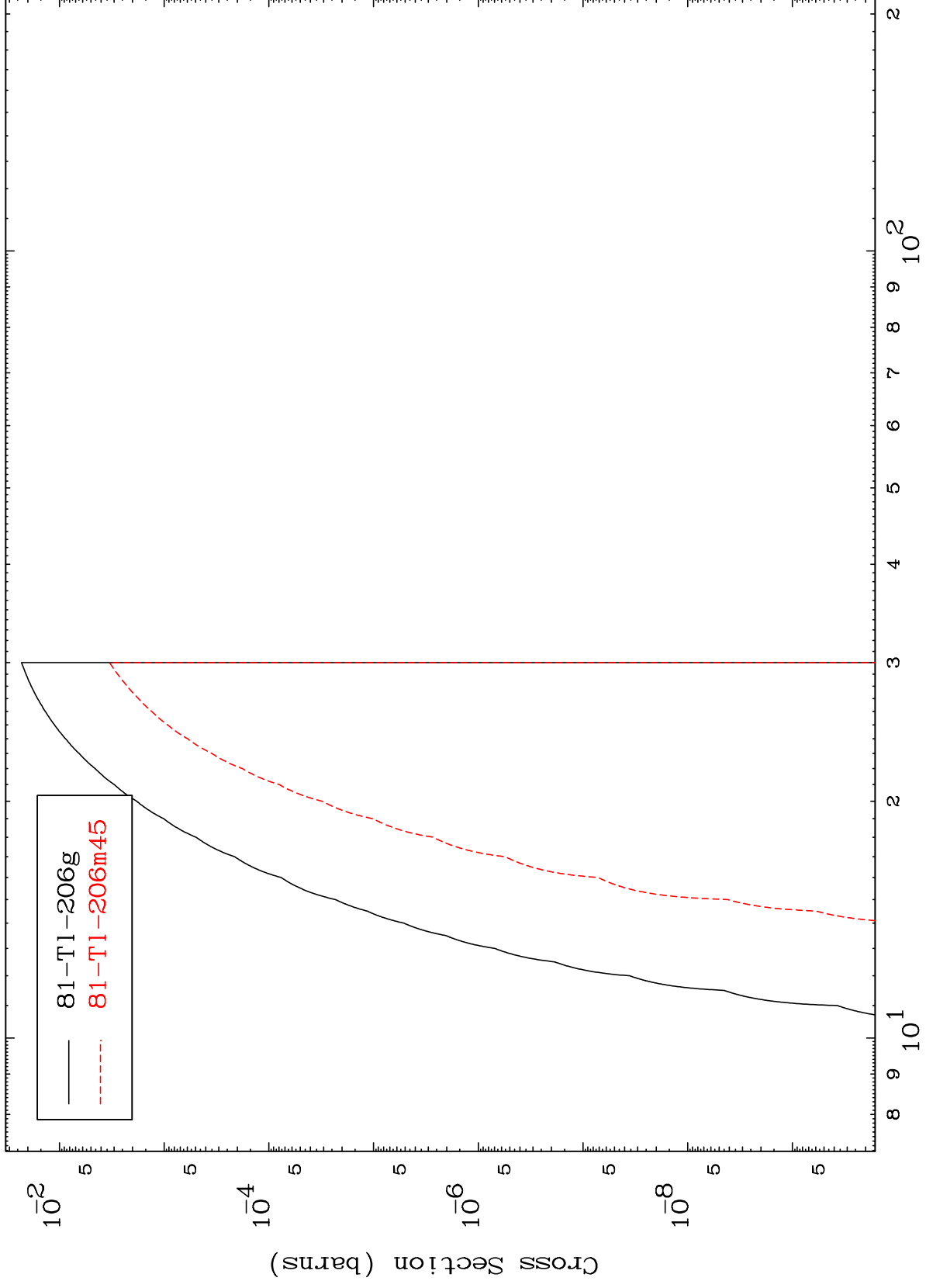


MAT 8234

(n,n') p

82-Pb-207

Radionuclide Production Cross Section



143

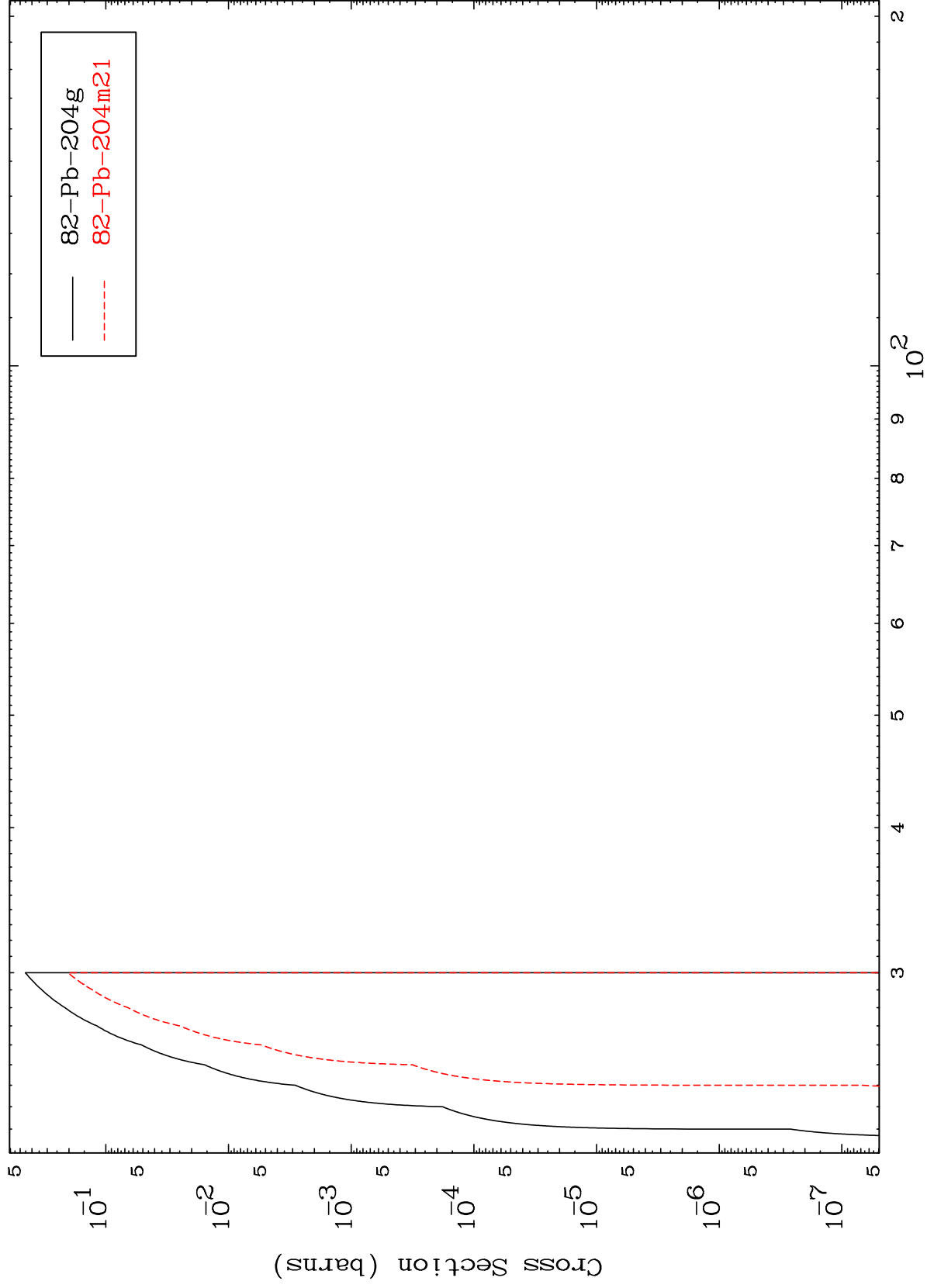
82-Pb-207

MAT 8234

(n,4n)

82-Pb-207

Radionuclide Production Cross Section



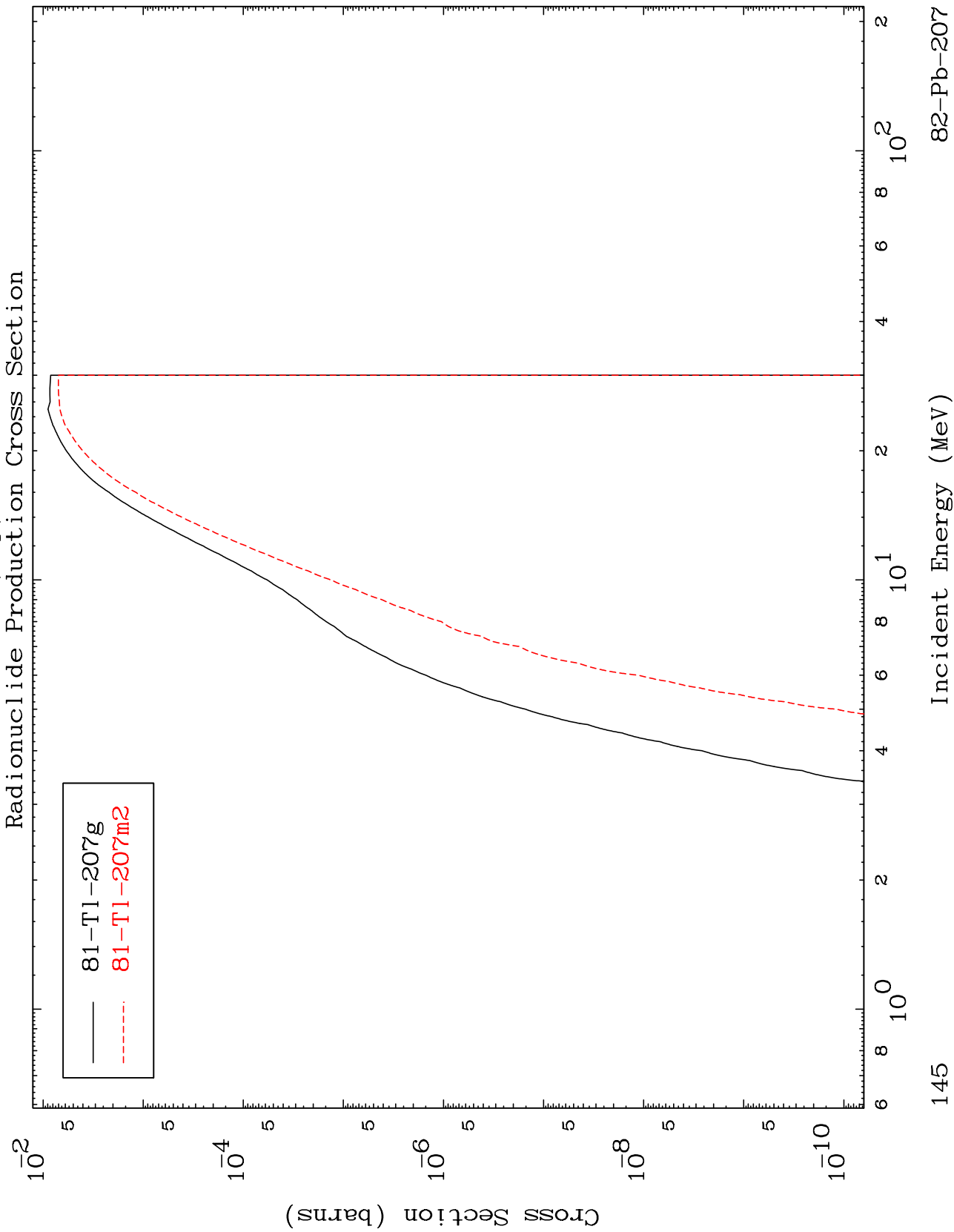
144

Incident Energy (MeV)

82-Pb-207

MAT 8234

82-Pb-207



145

82-Pb-207

MAT 8234

(n,d)

82-Pb-207

