

Program EVALPLOT  
(Version 2018-1)

by

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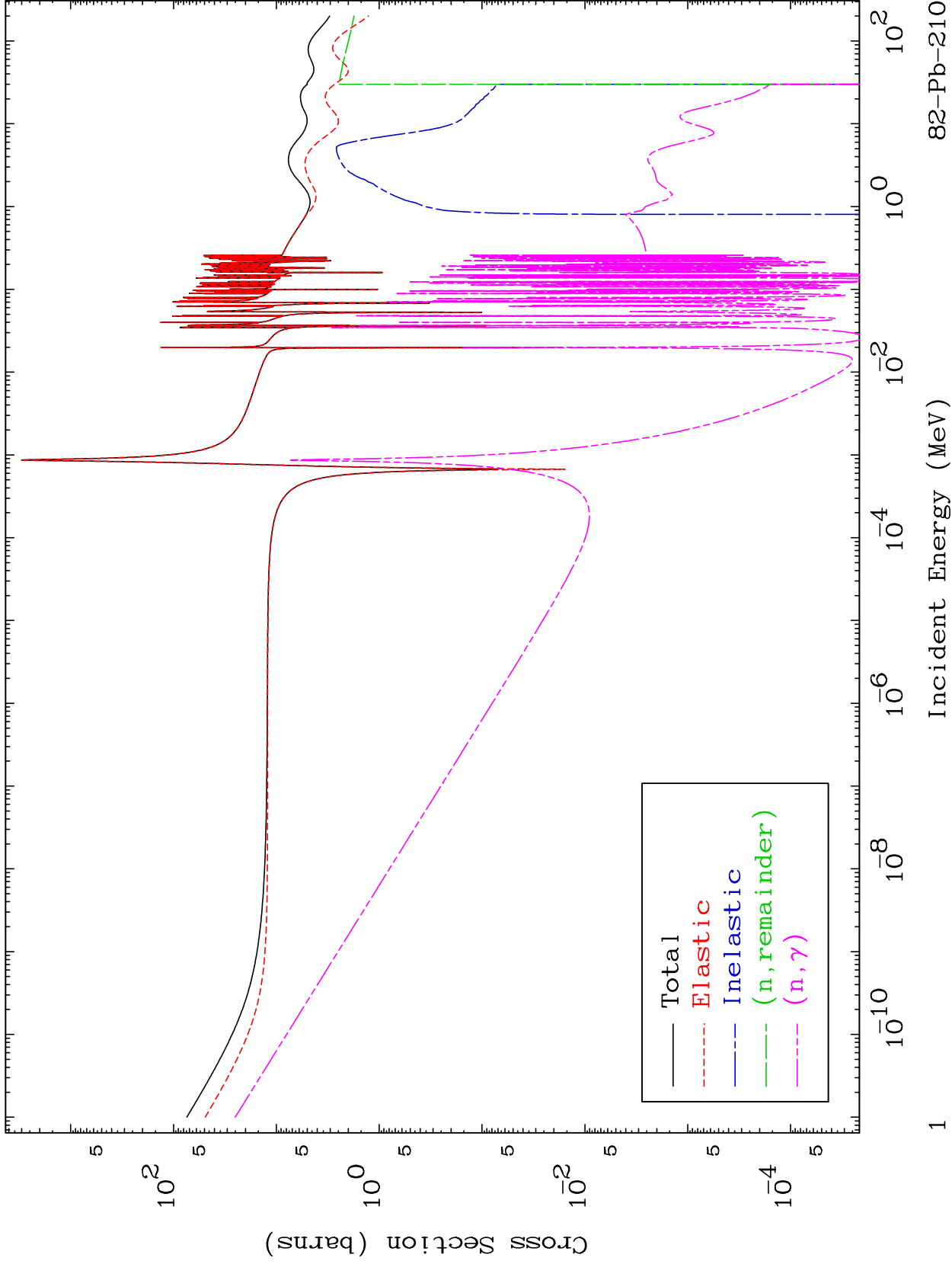
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8243

Major  
293 Kelvin Cross Sections

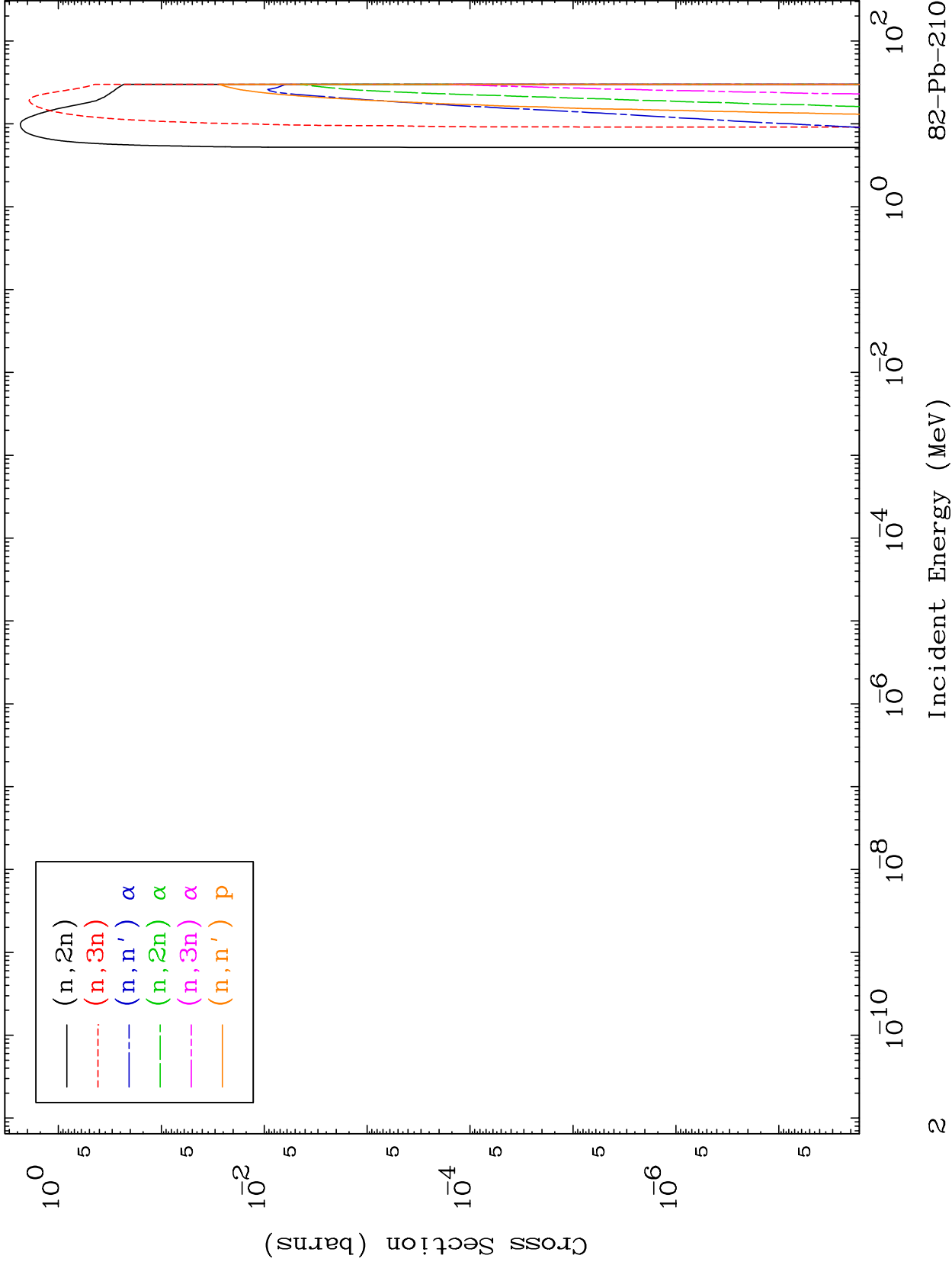
82-Pb-210



MAT 8243

Neutron Production  
293 Kelvin Cross Sections

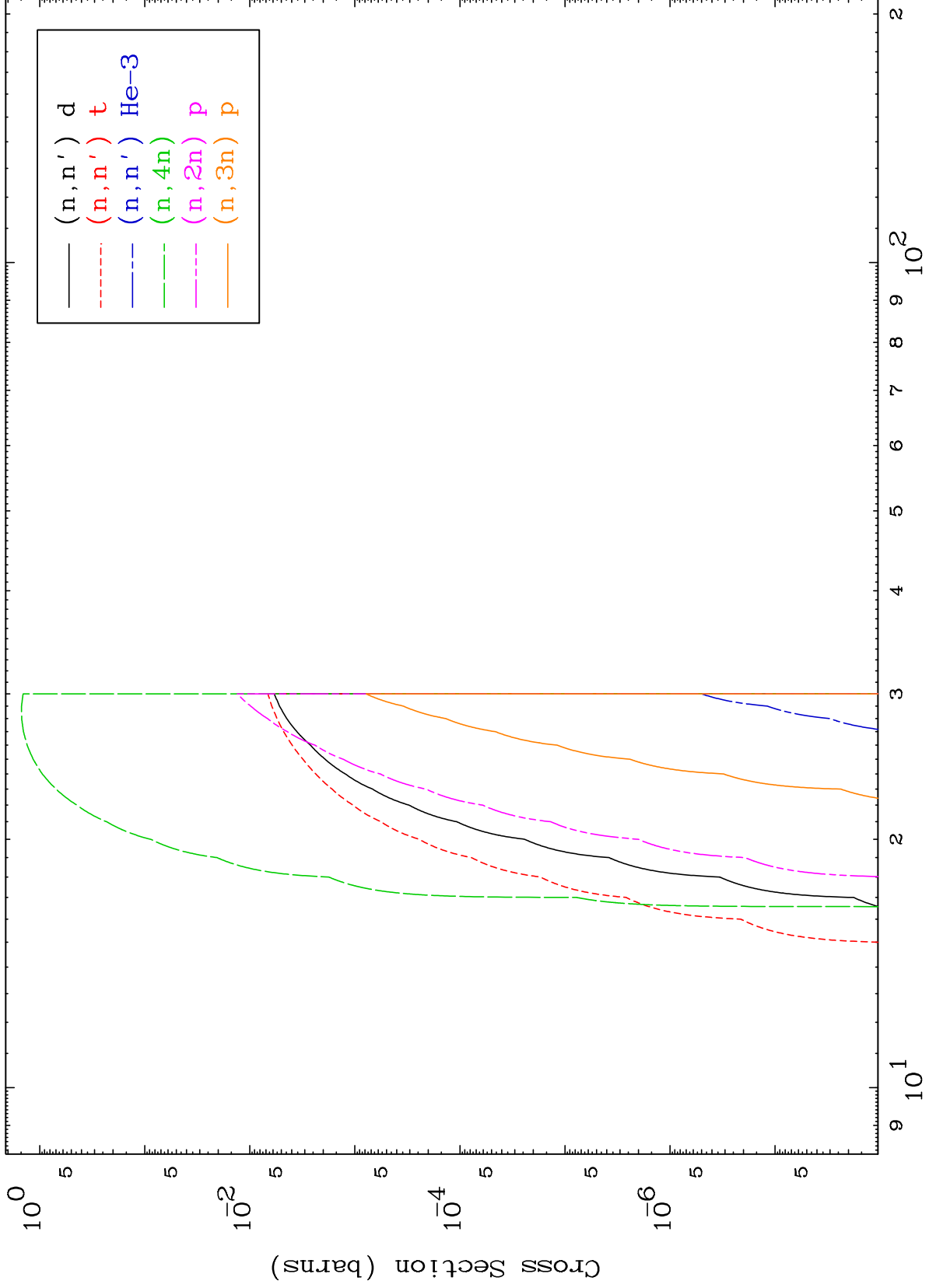
82-Pb-210



MAT 8243

Neutron Production  
293 Kelvin Cross Sections

82-Pb-210



3

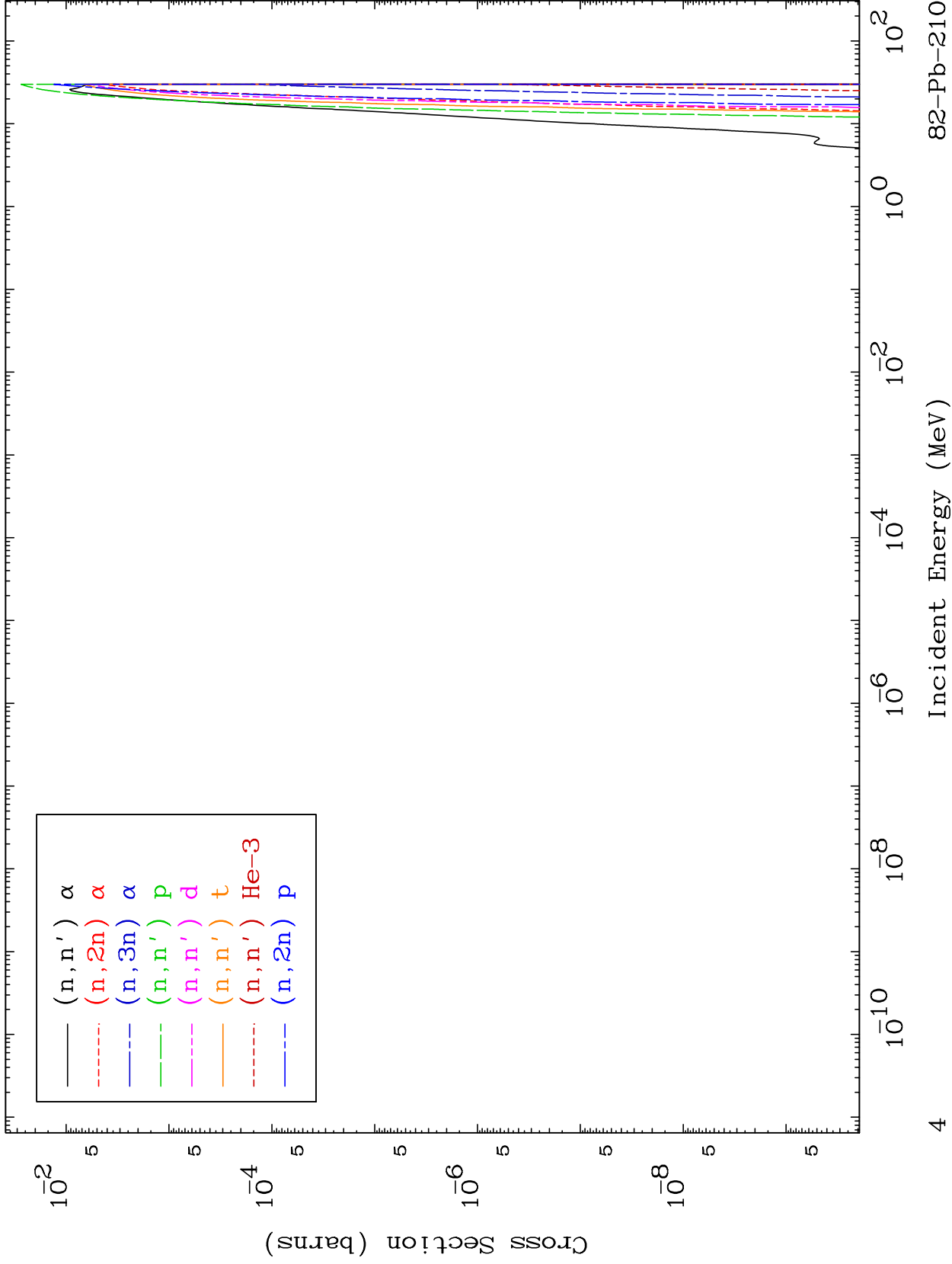
Incident Energy (MeV)

82-Pb-210

MAT 8243

Charged Particle  
293 Kelvin Cross Sections

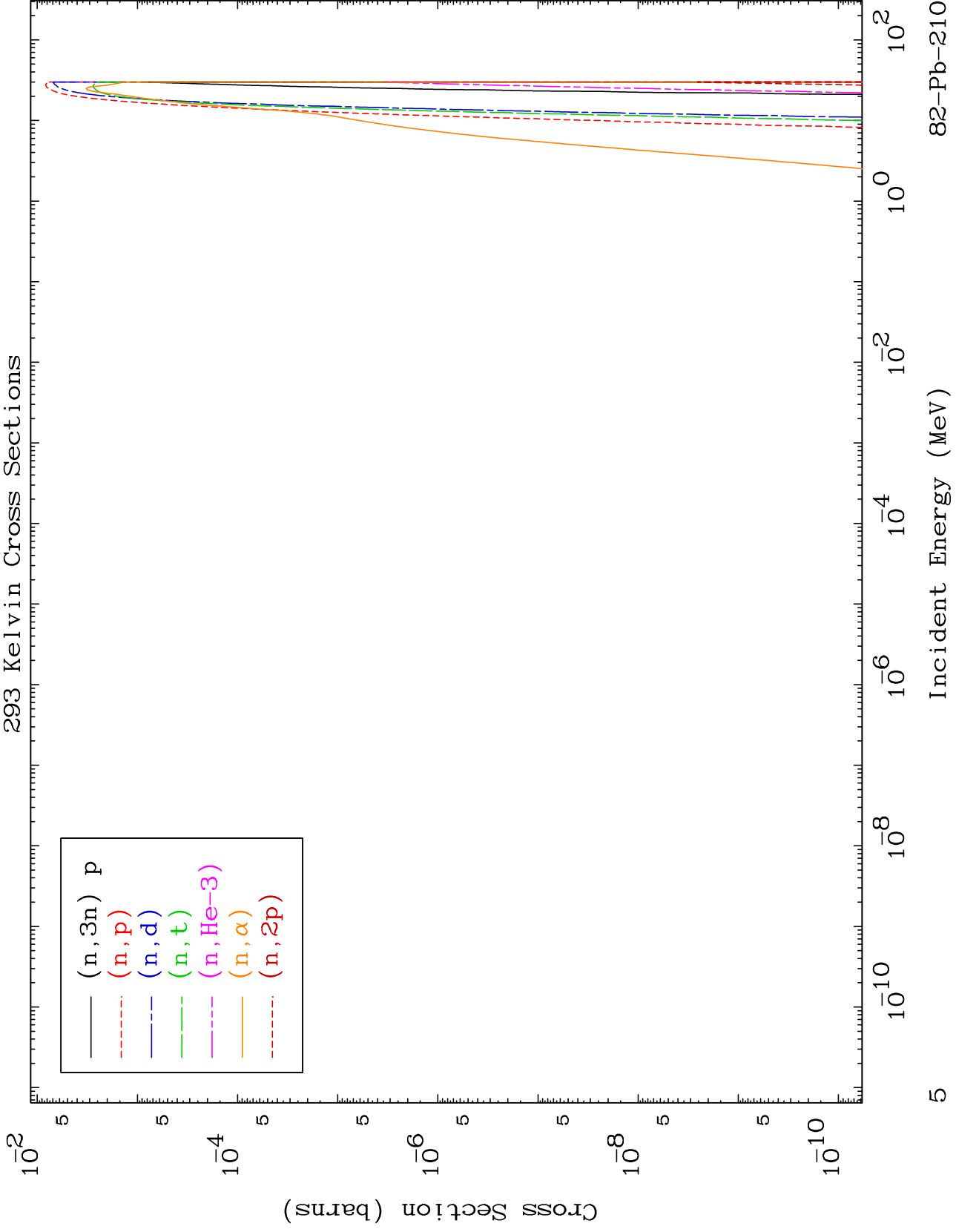
82-Pb-210



MAT 8243

Charged Particle  
293 Kelvin Cross Sections

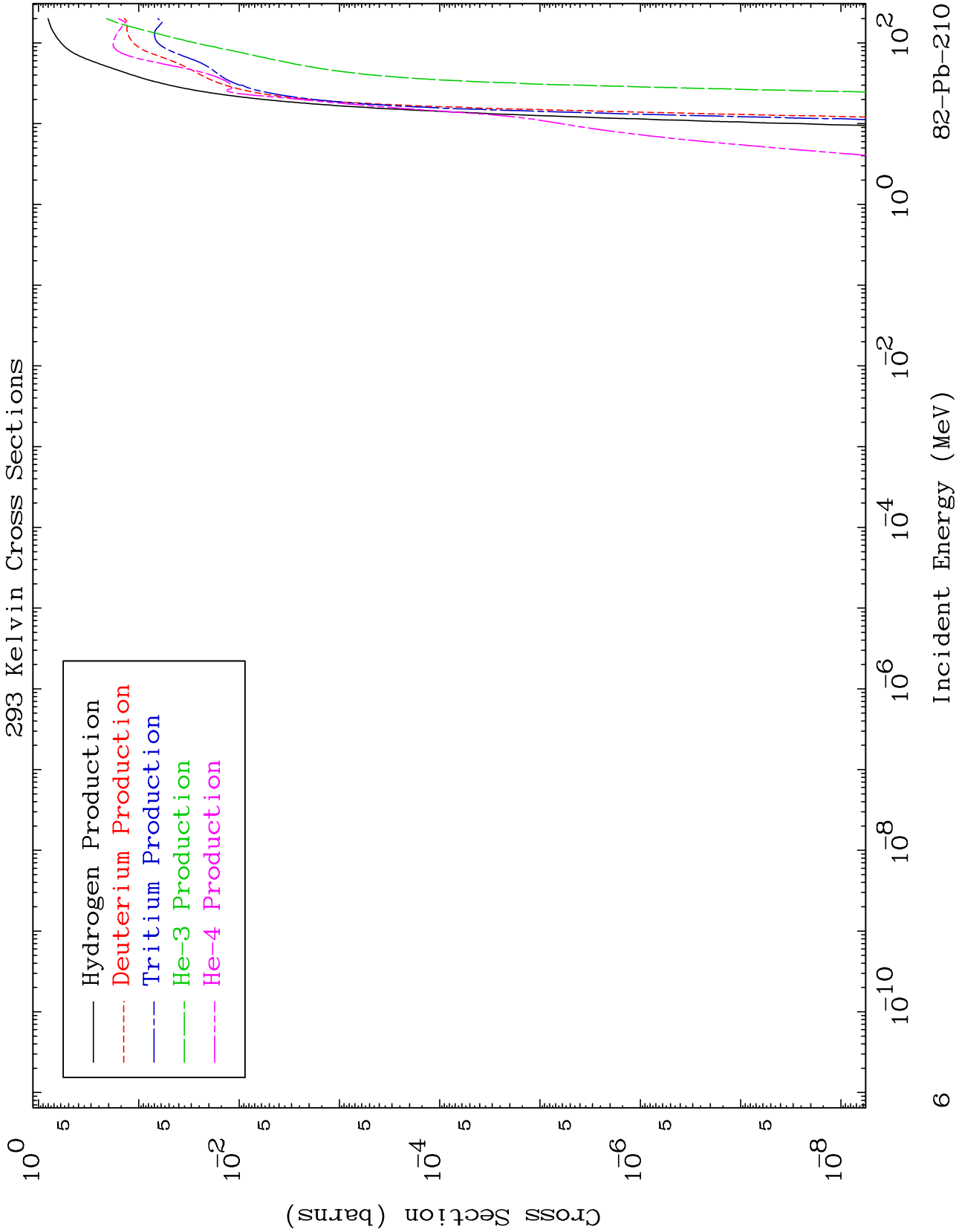
82-Pb-210



MAT 8243

Particle Production  
293 Kelvin Cross Sections

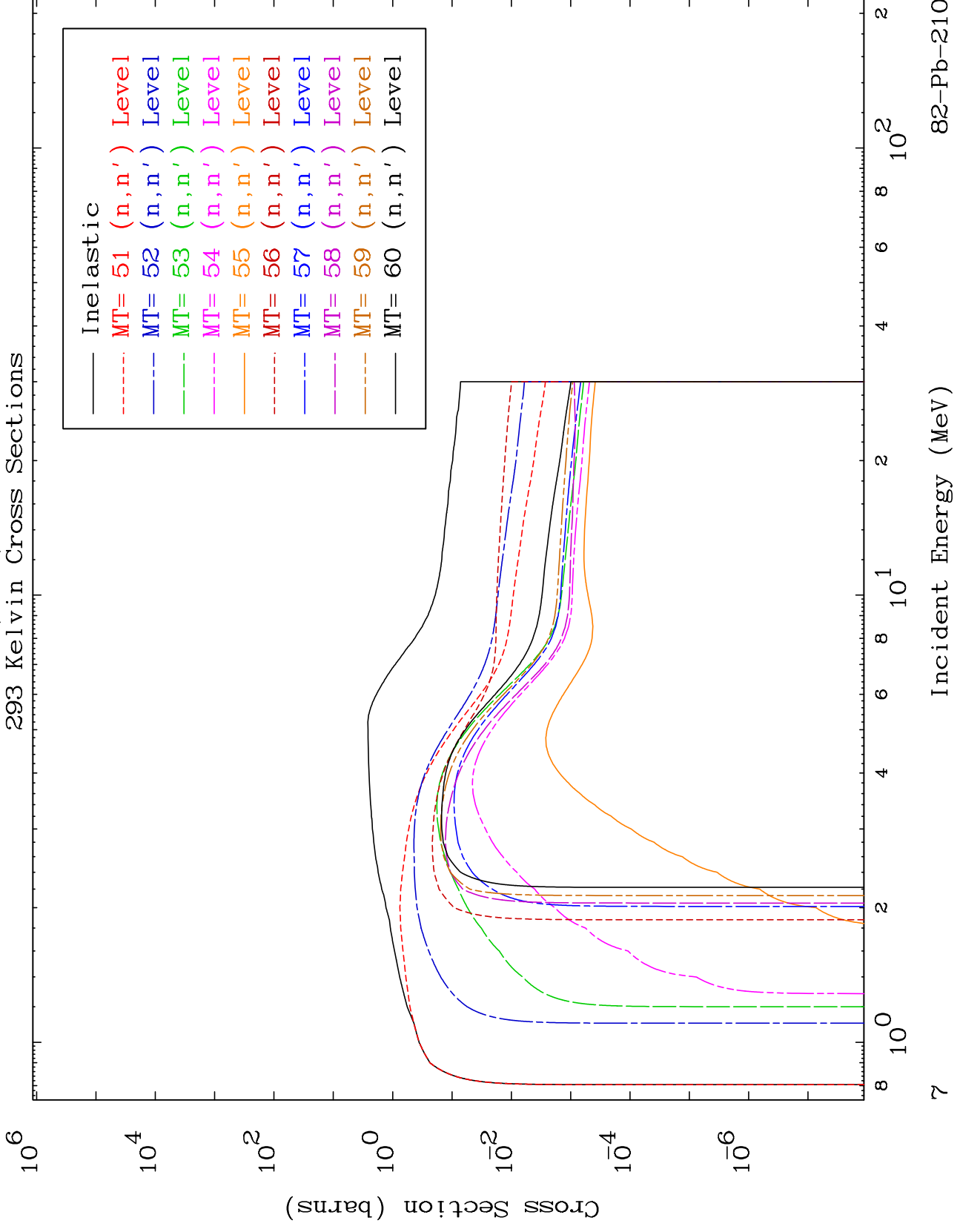
82-Pb-210



MAT 8243

(n,n') Level

82-Pb-210



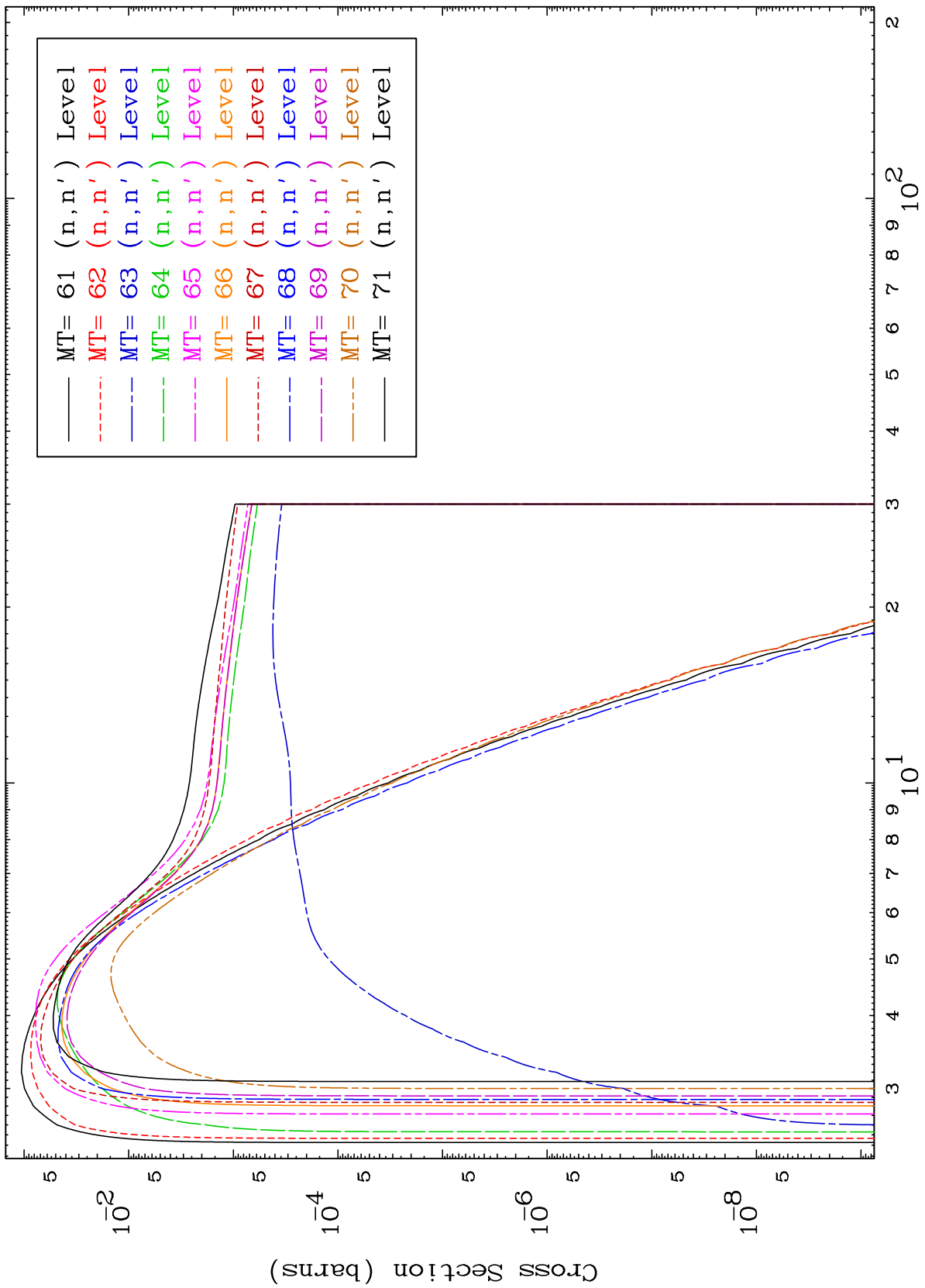


MAT 8243

(n,n') Level

82-Pb-210

293 Kelvin Cross Sections



8

Incident Energy (MeV)

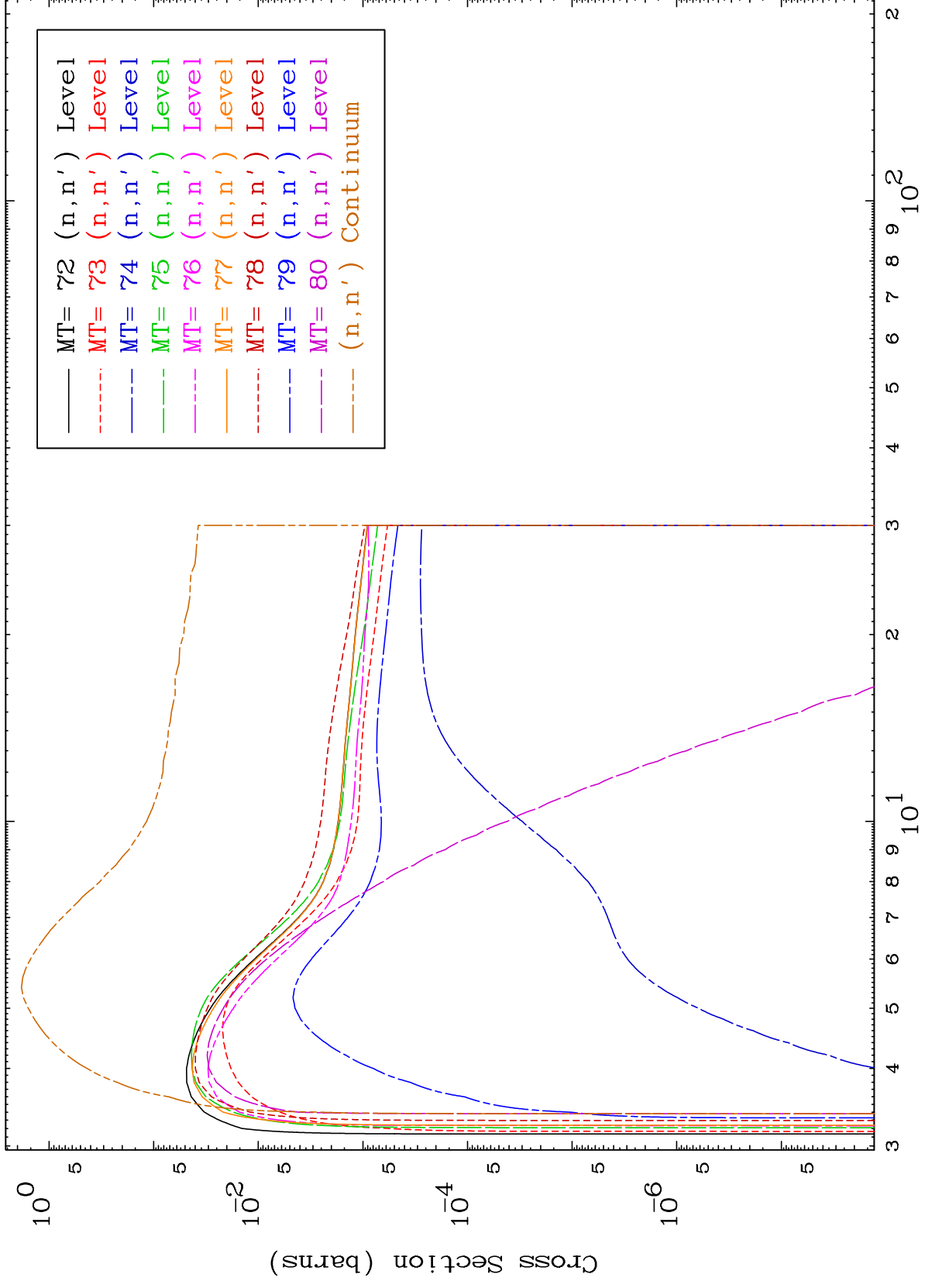
82-Pb-210

MAT 8243

(n,n') Level

82-Pb-210

293 Kelvin Cross Sections



9

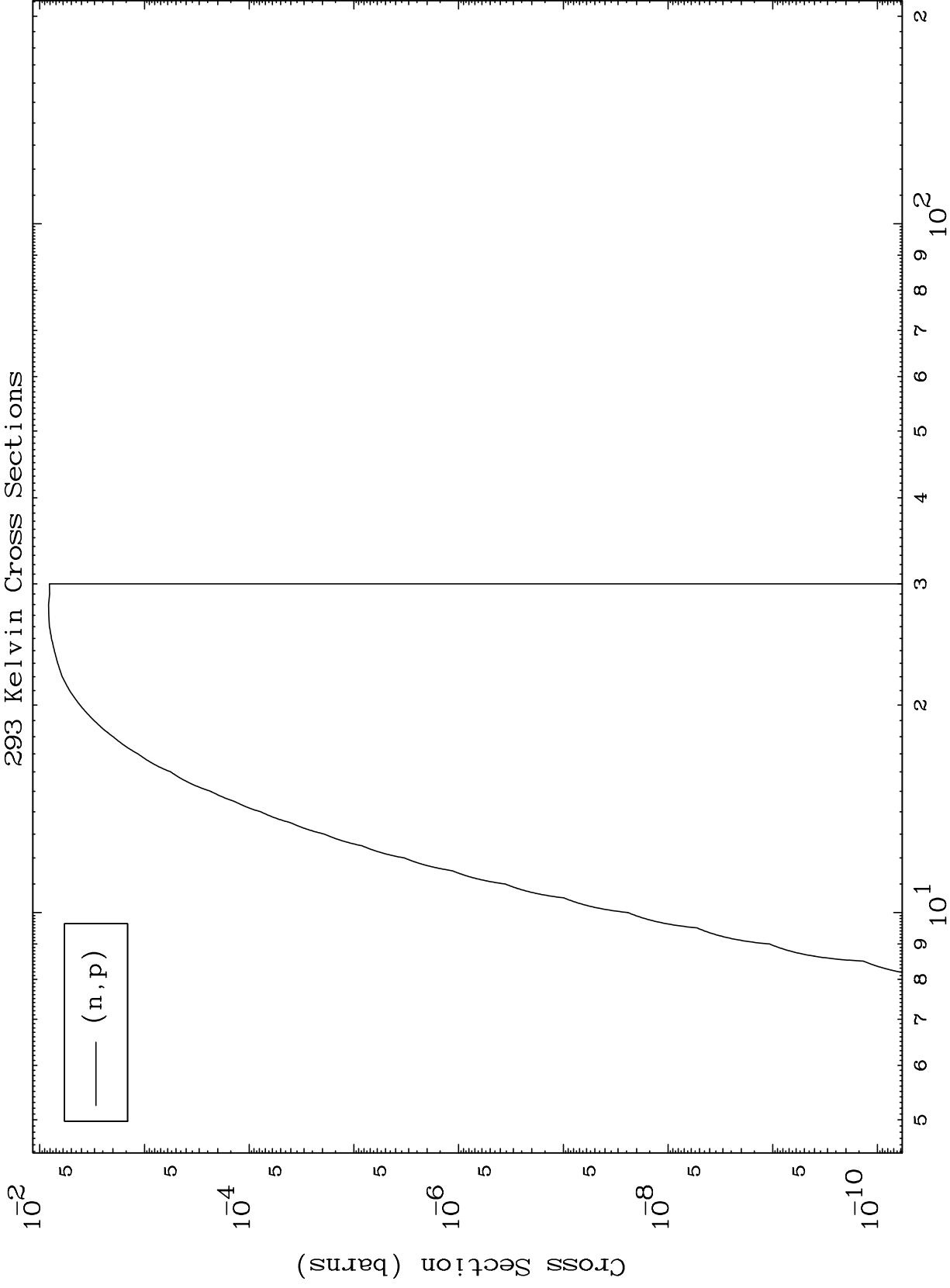
Incident Energy (MeV)

82-Pb-210

MAT 8243

(n,p) Levels  
293 Kelvin Cross Sections

82-Pb-210



10

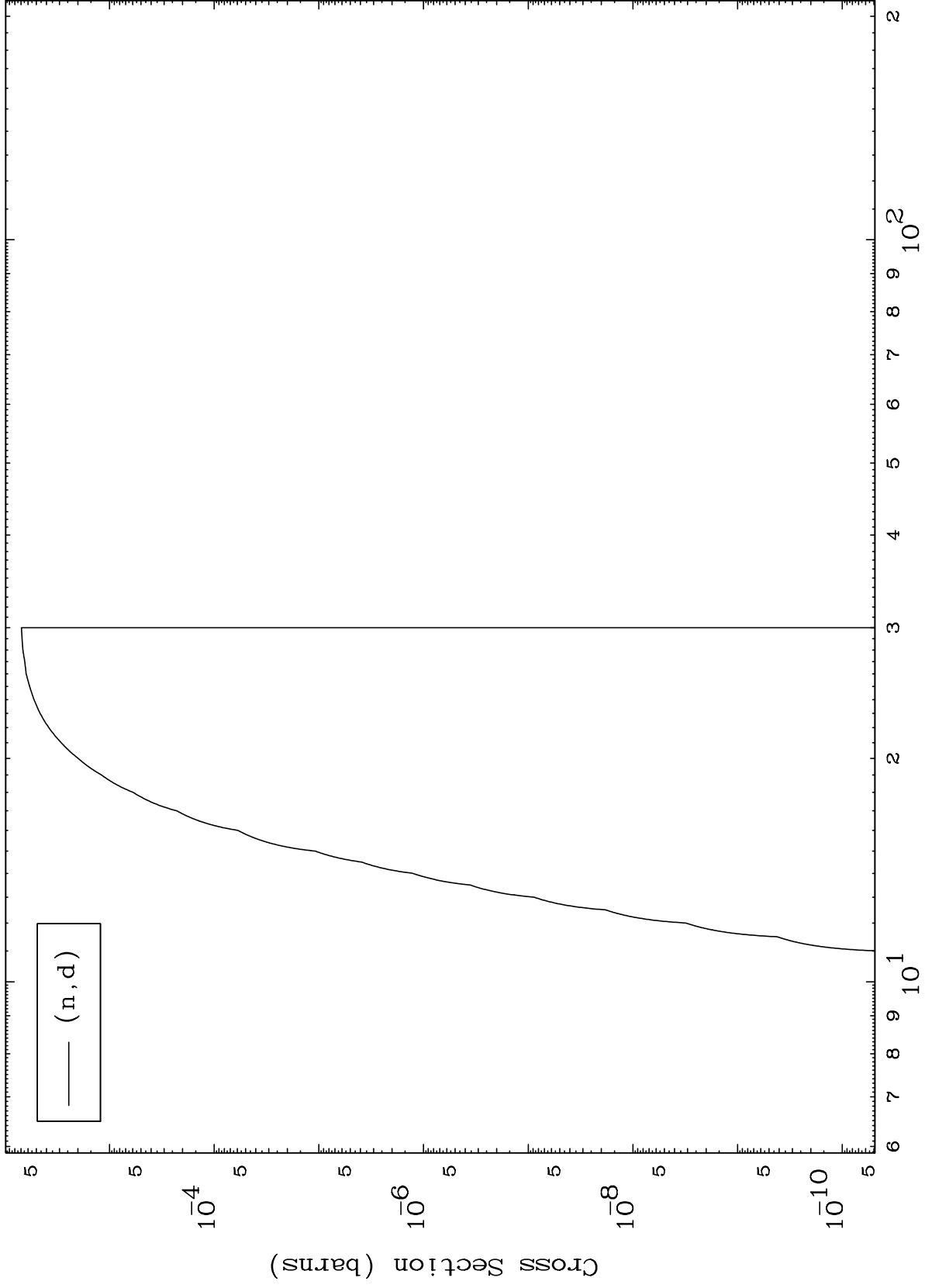
Incident Energy (MeV)

82-Pb-210

MAT 8243

(n,d) Levels  
293 Kelvin Cross Sections

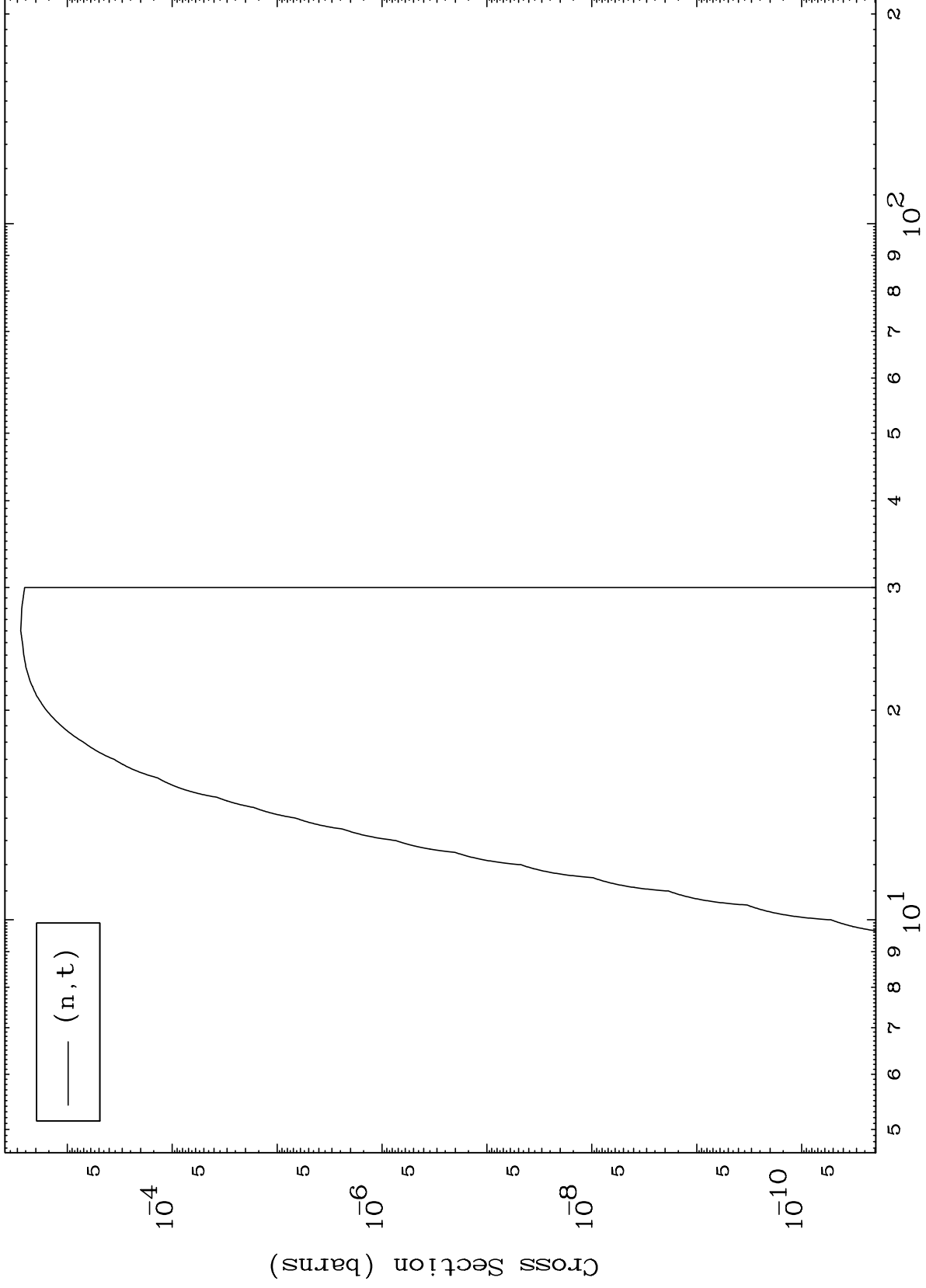
82-Pb-210



MAT 8243

(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-210



12

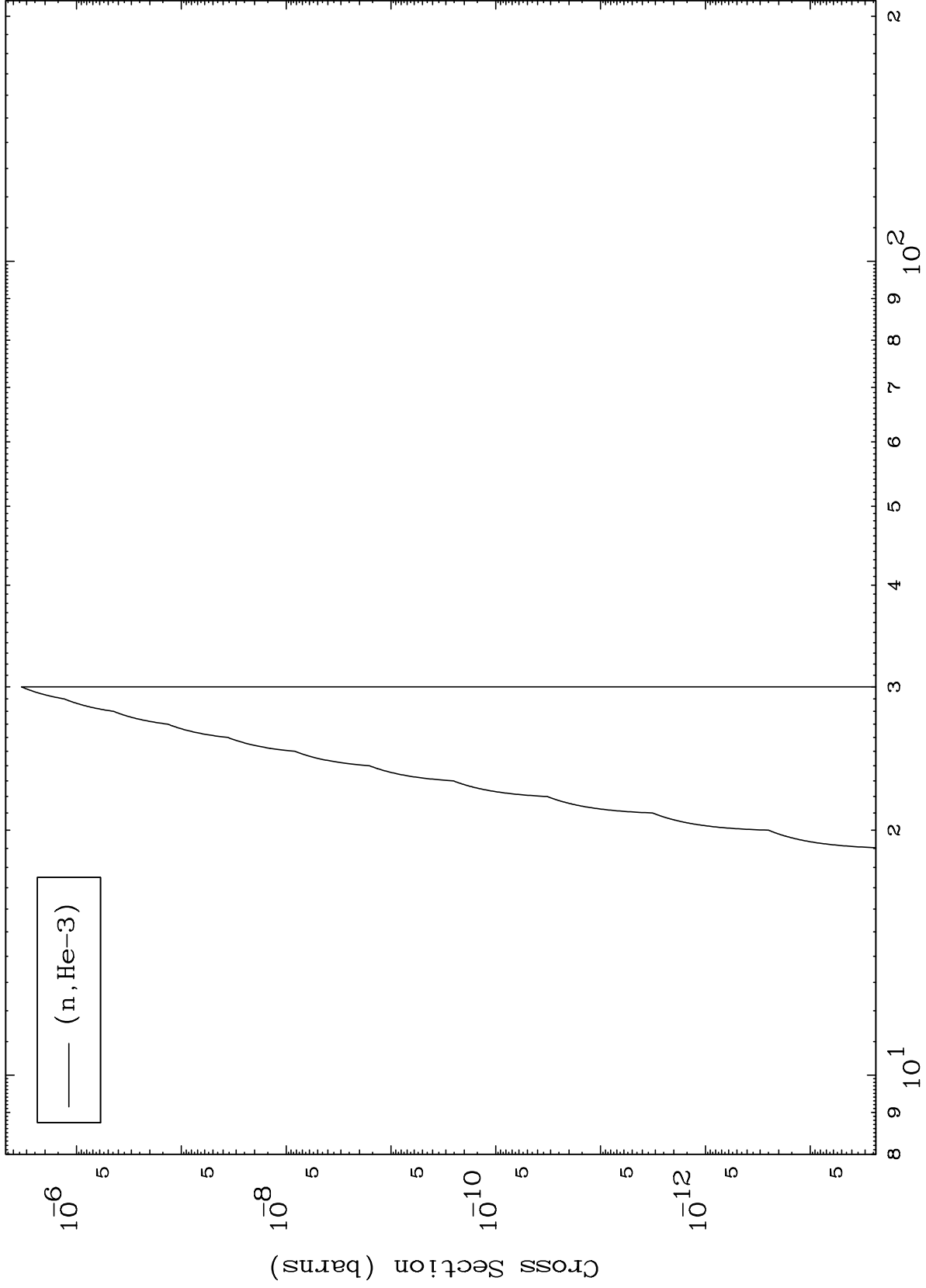
Incident Energy (MeV)

82-Pb-210

MAT 8243

(n,He3) Levels  
293 Kelvin Cross Sections

82-Pb-210



13

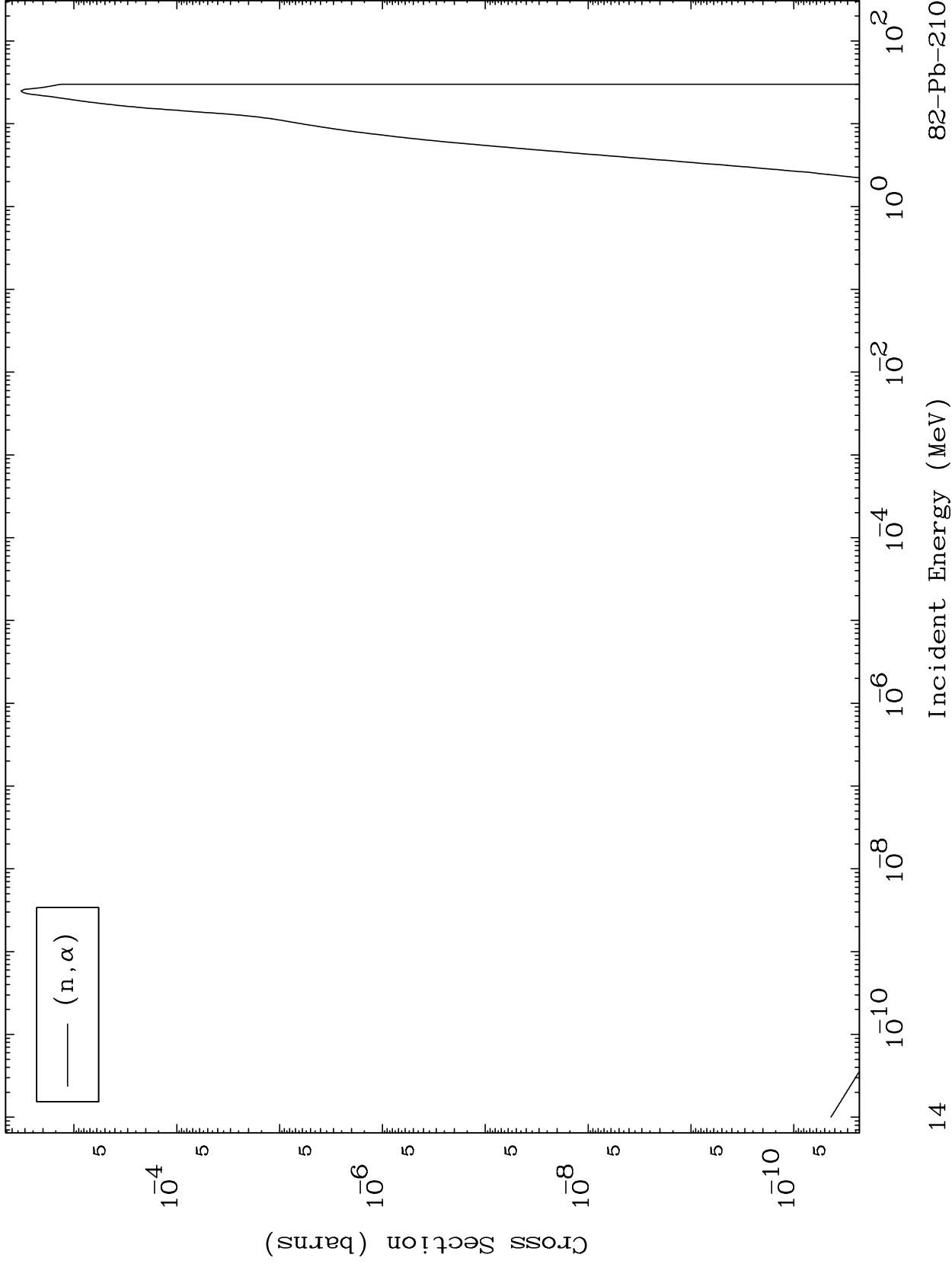
Incident Energy (MeV)

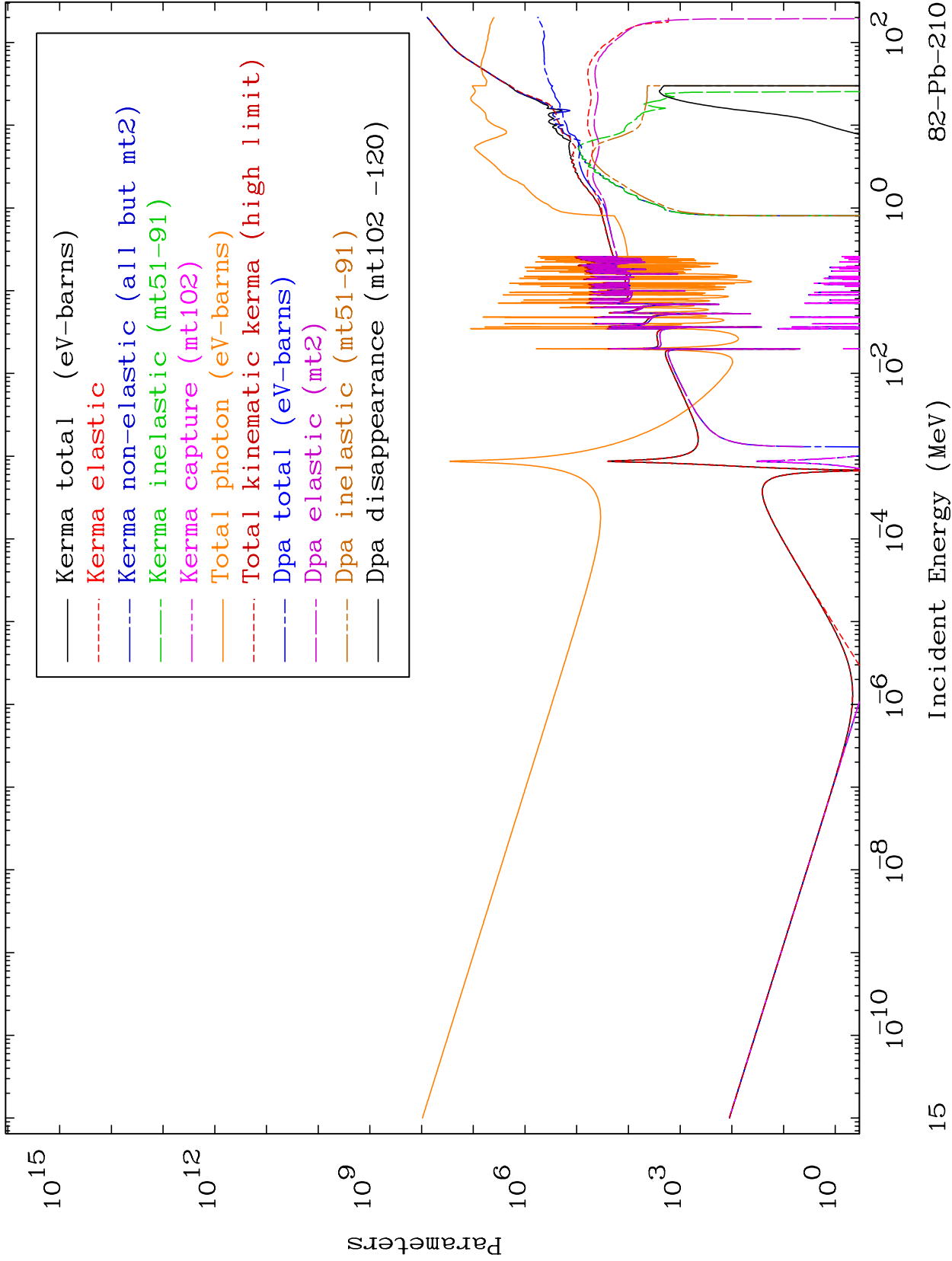
82-Pb-210

MAT 8243

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

82-Pb-210



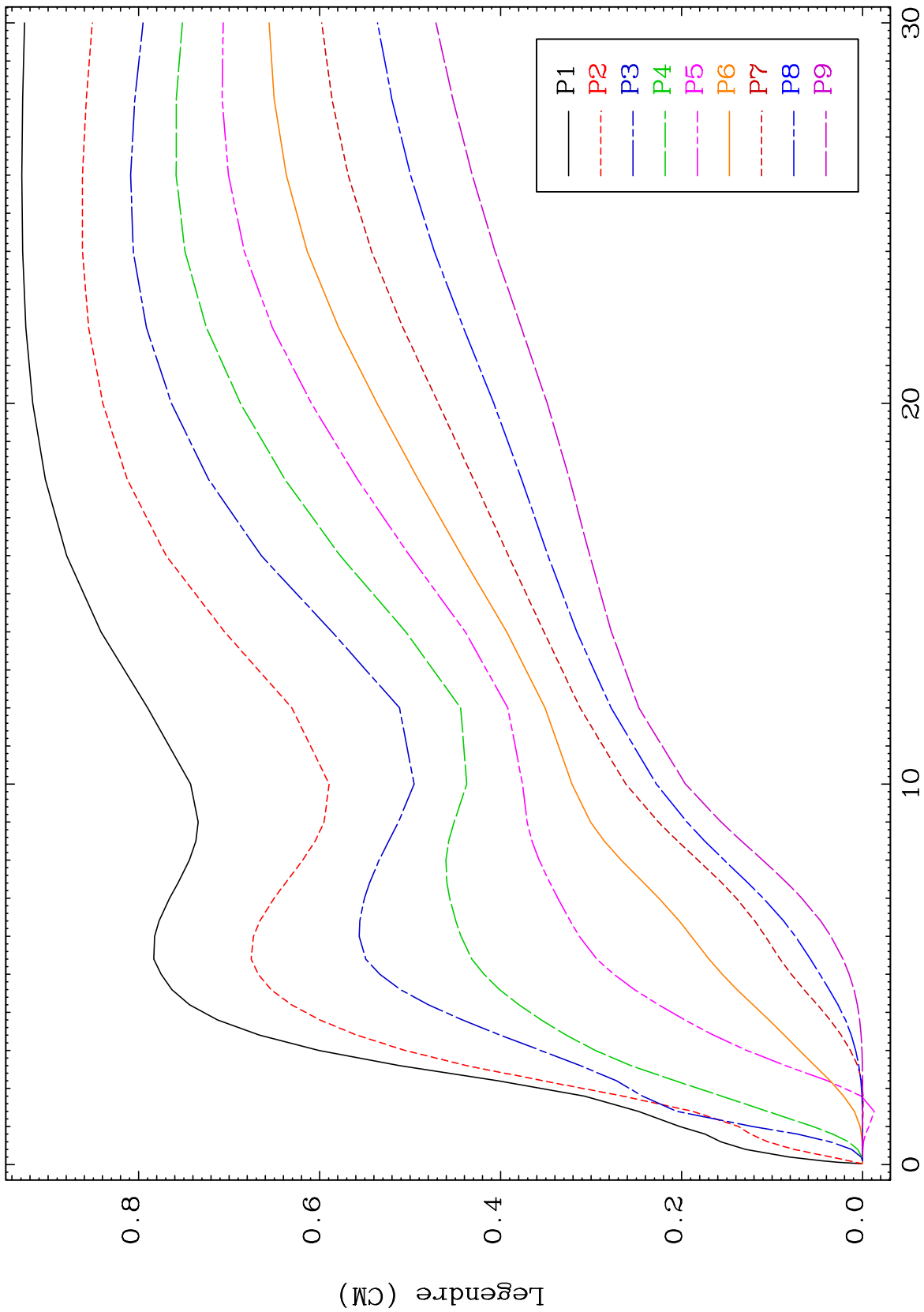




MAT 8243

Elastic Legendre Coefficients

82-Pb-210



16

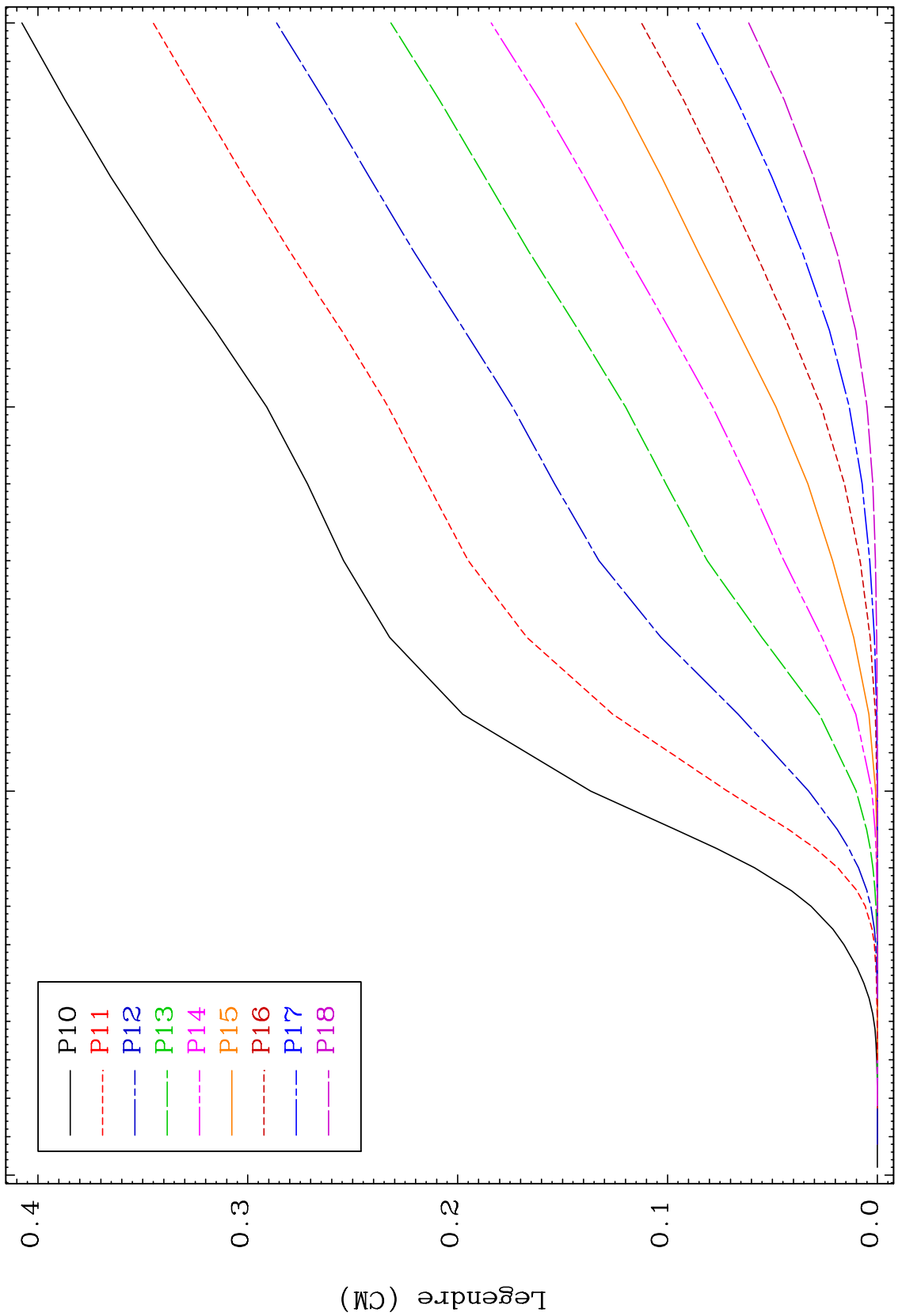
Incident Energy (MeV)

82-Pb-210

MAT 8243

Elastic Legendre Coefficients

82-Pb-210



17

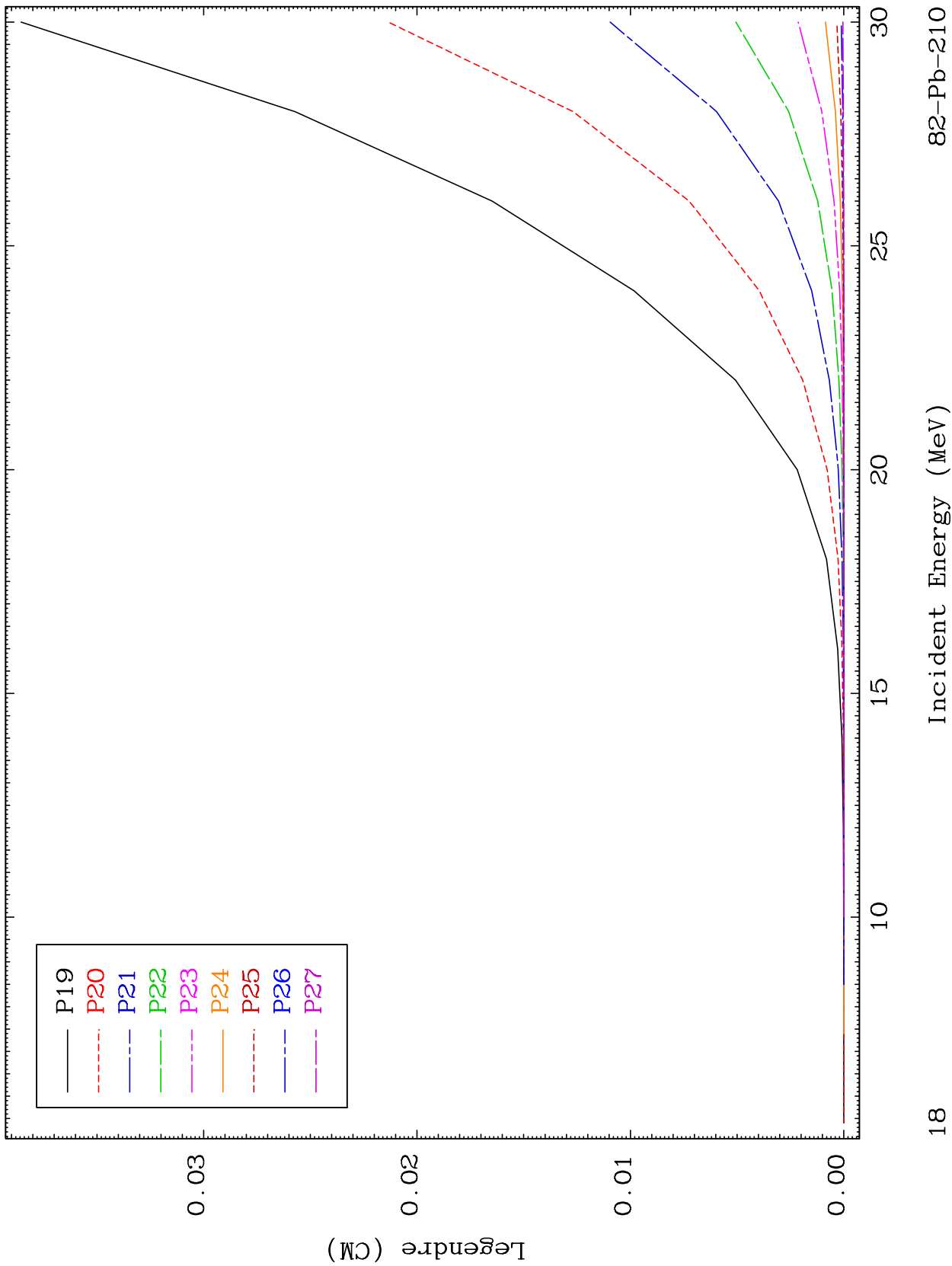
Incident Energy (MeV)

82-Pb-210

MAT 8243

Elastic  
Legendre Coefficients

82-Pb-210



18

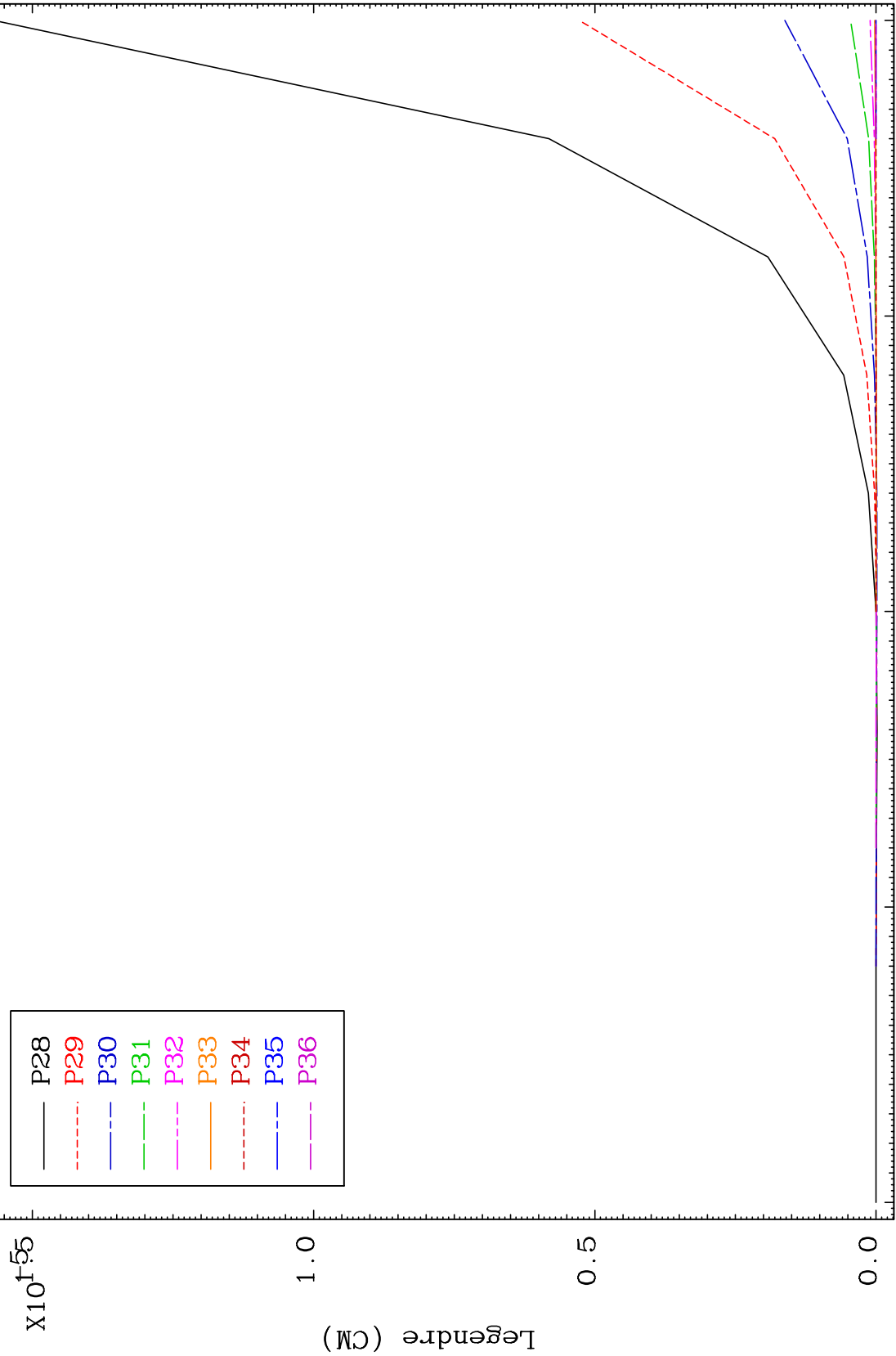
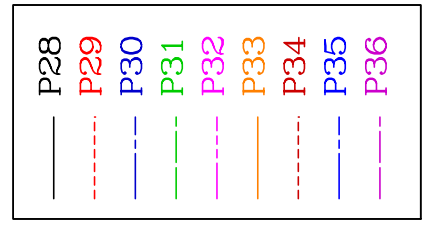
Incident Energy (MeV)

82-Pb-210

MAT 8243

Elastic  
Legendre Coefficients

82-Pb-210



19

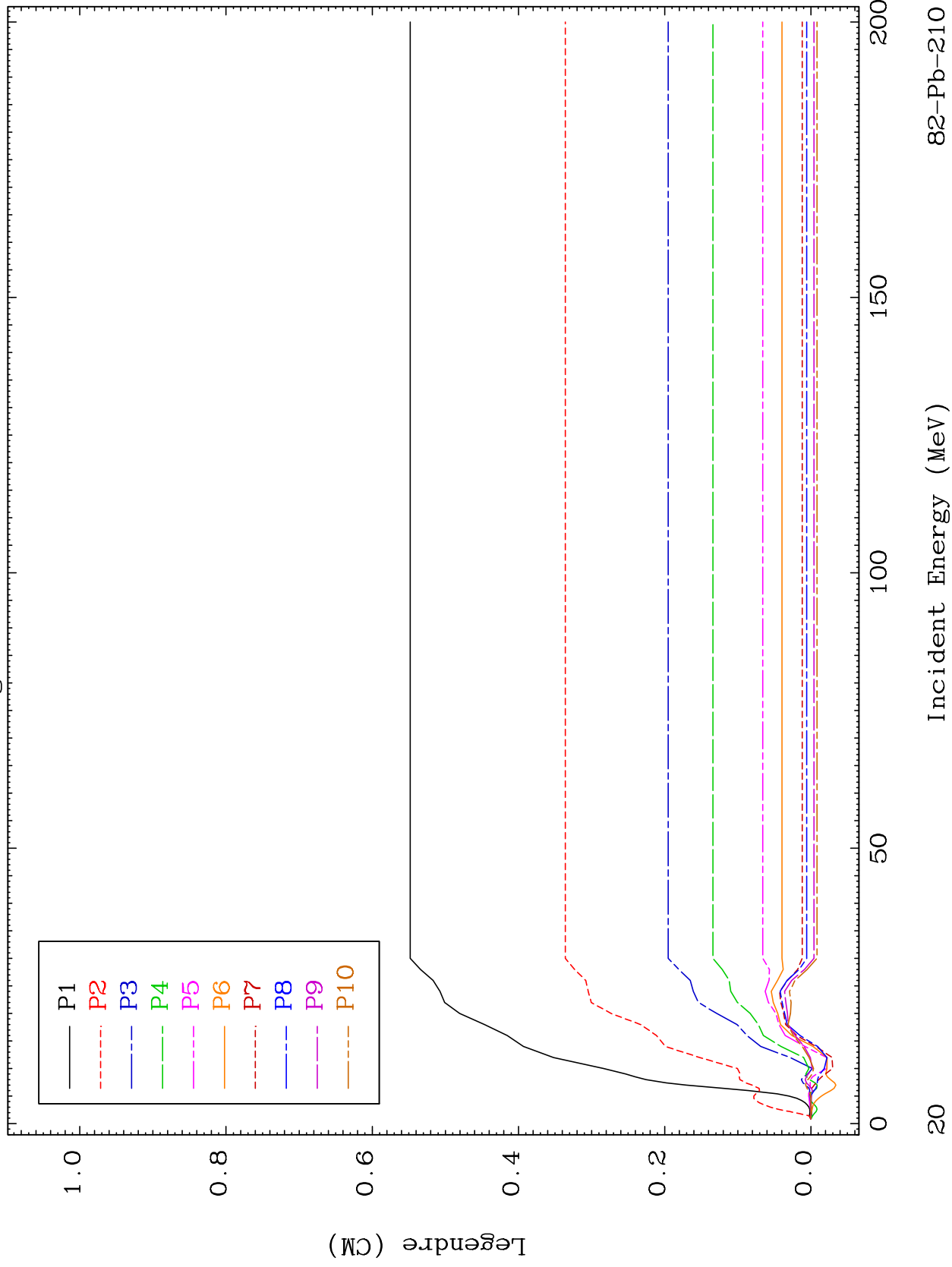
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

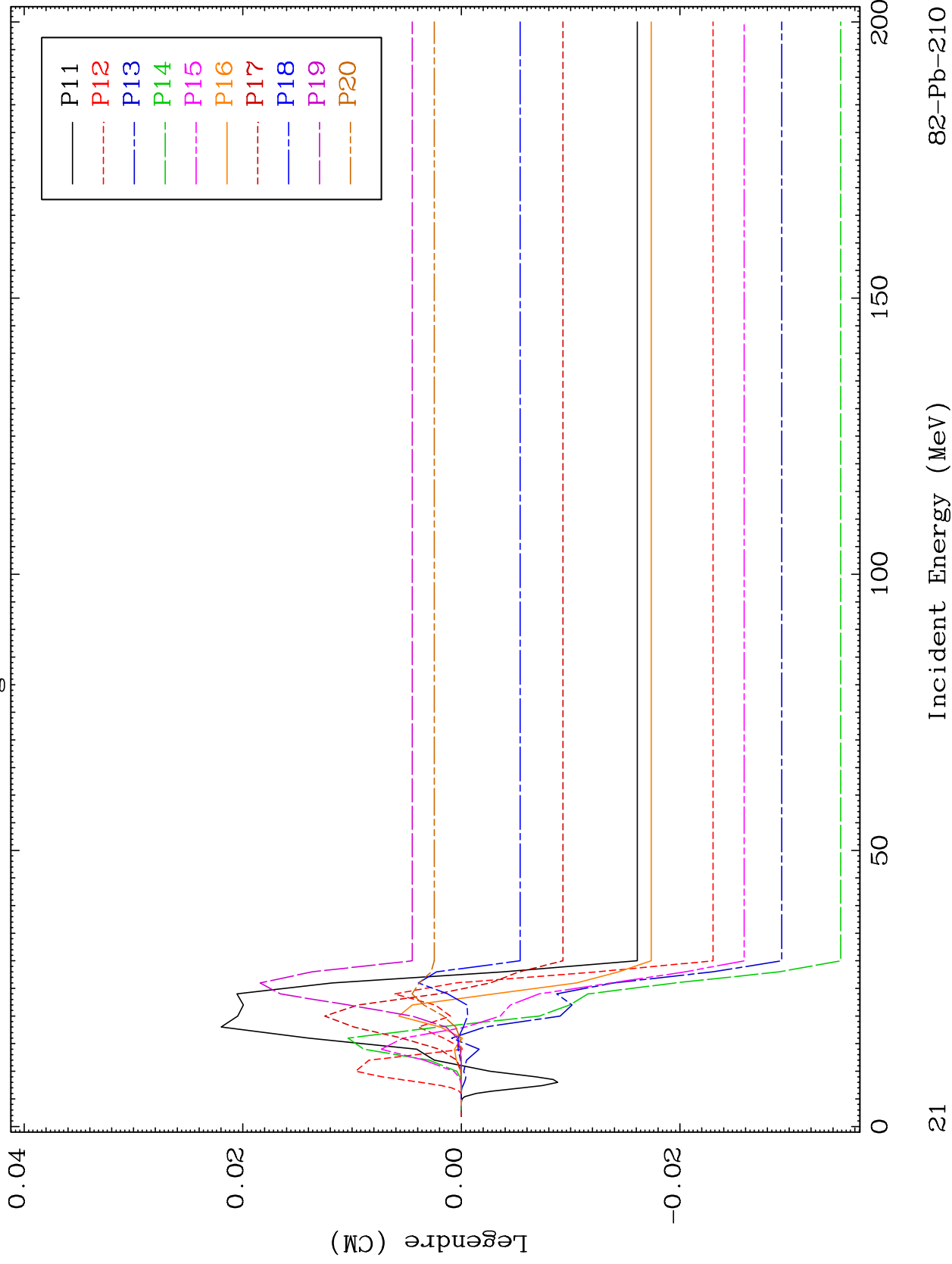
82-Pb-210



MAT 8243

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

82-Pb-210



82-Pb-210

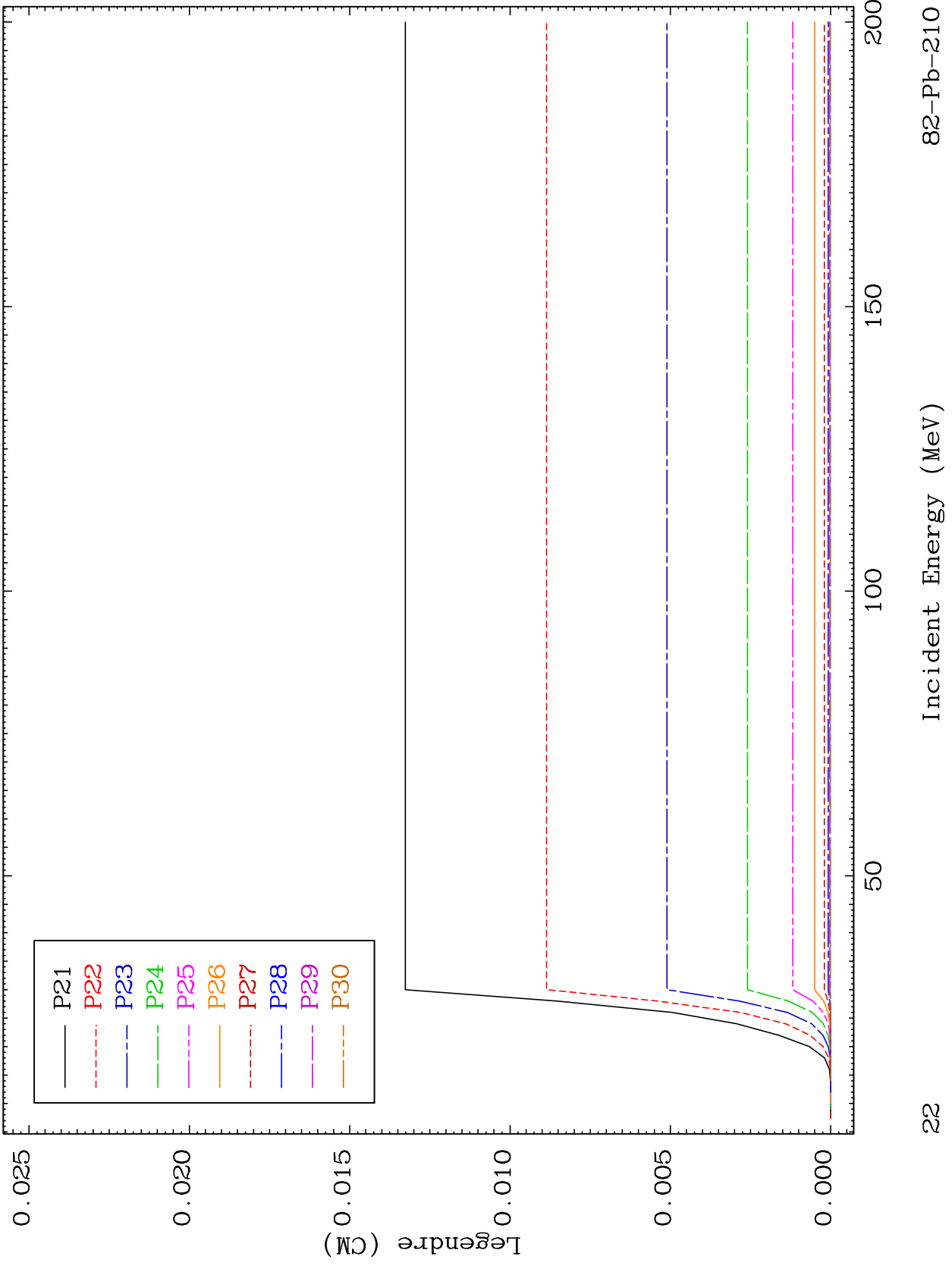
Incident Energy (MeV)

21

MAT 8243

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

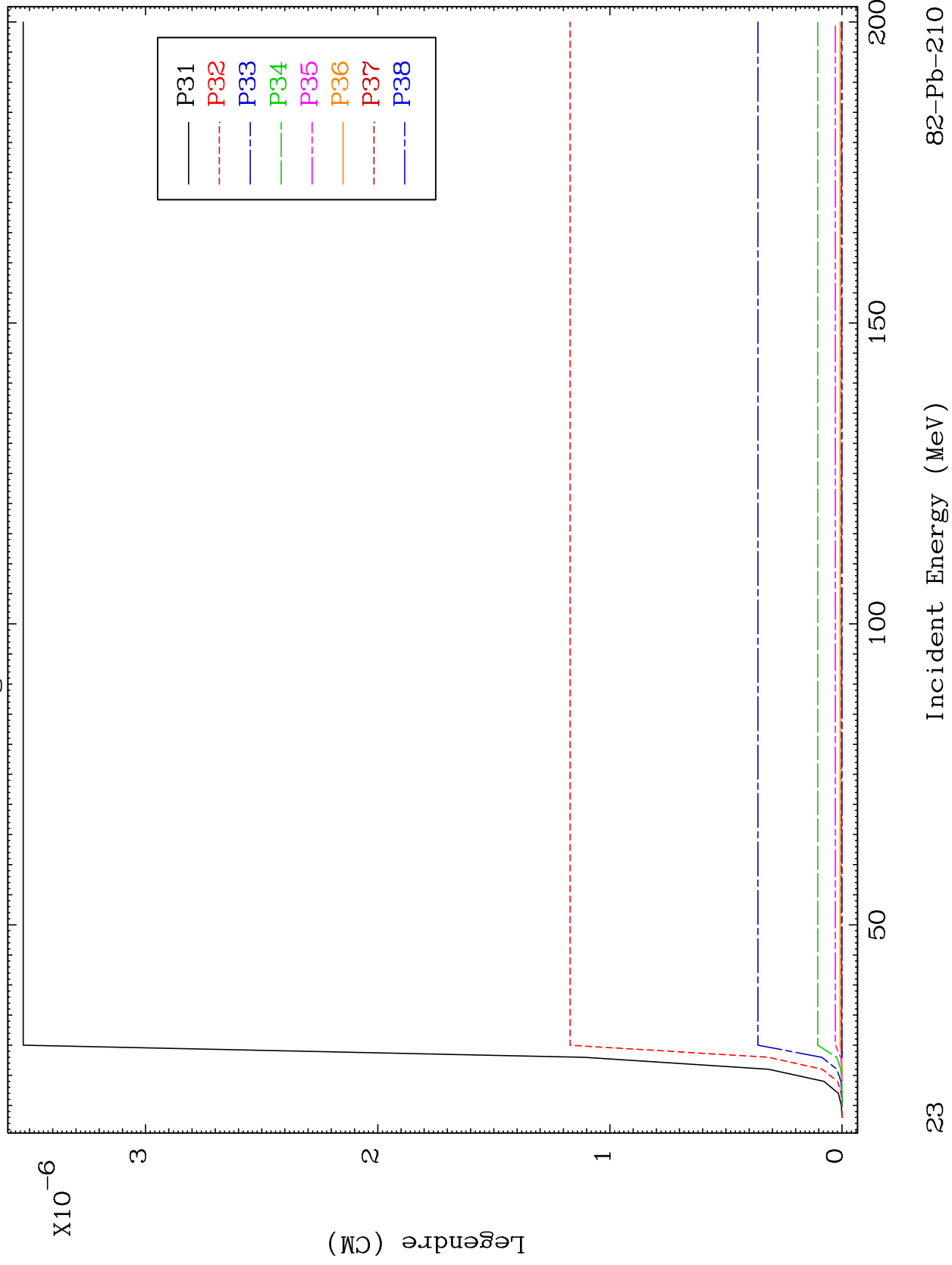
82-Pb-210



MAT 8243

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

82-Pb-210

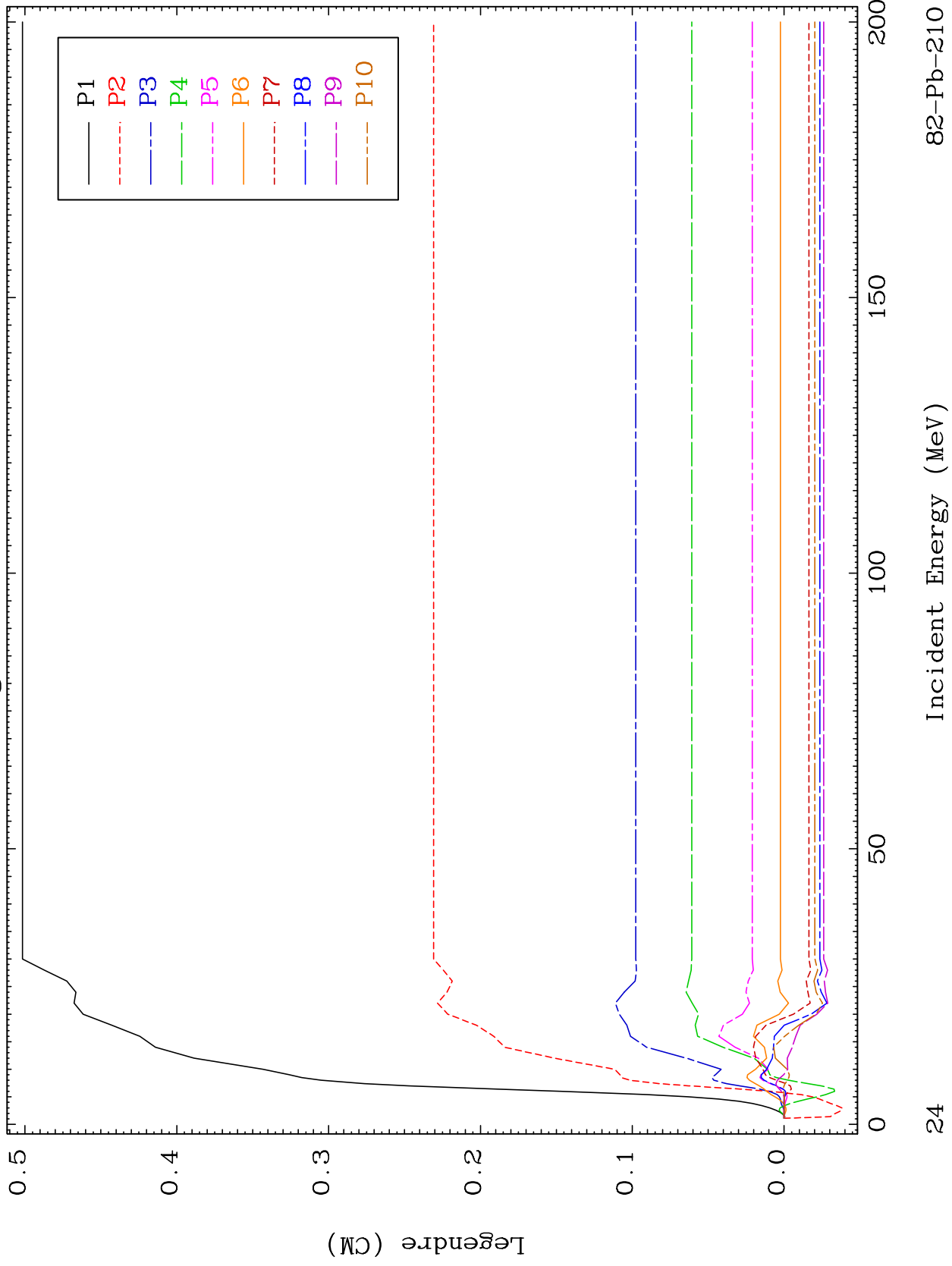




MAT 8243

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

82-Pb-210



24

Incident Energy (MeV)

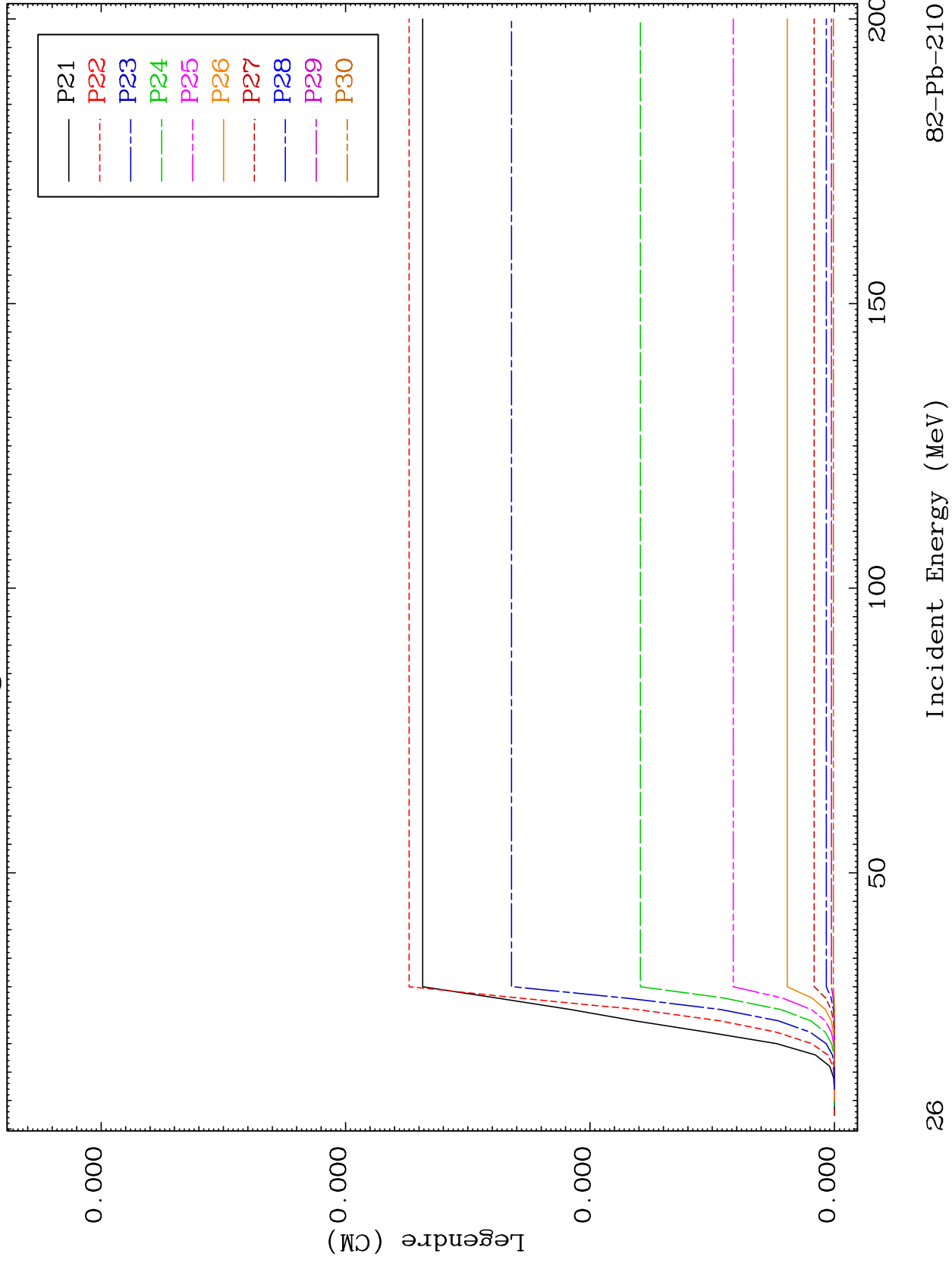
82-Pb-210



MAT 8243

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

82-Pb-210



26

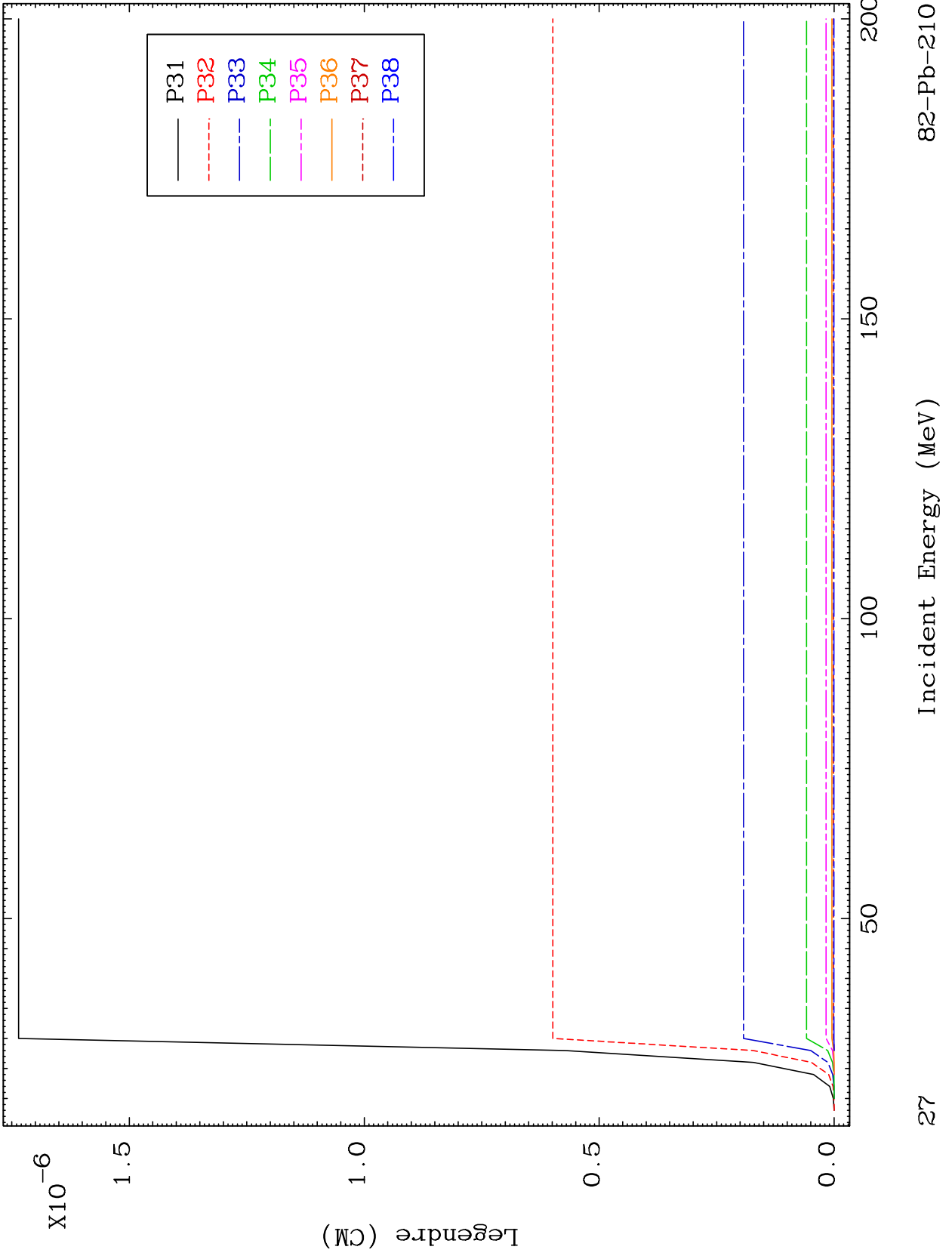
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210

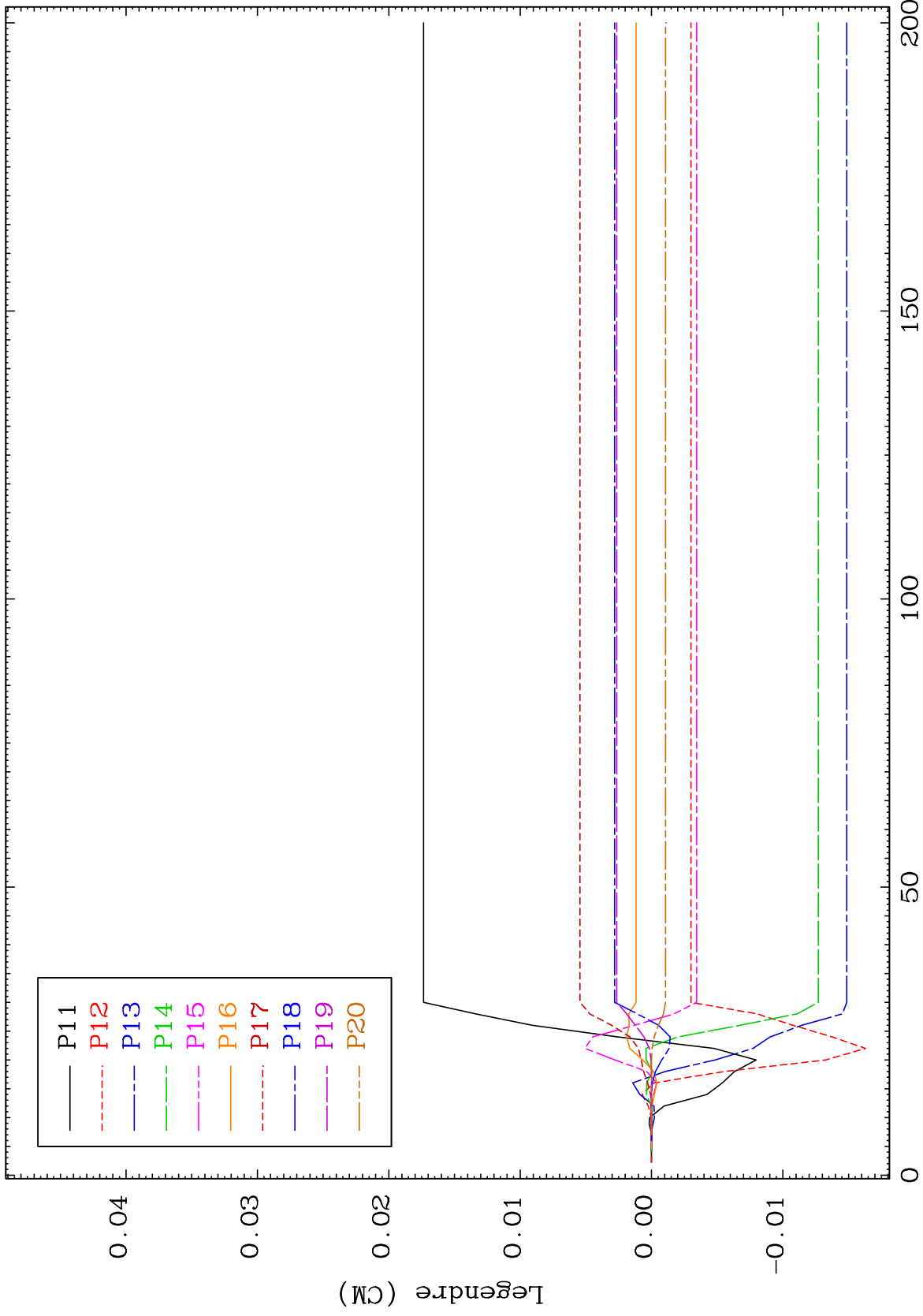




MAT 8243

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

82-Pb-210



29

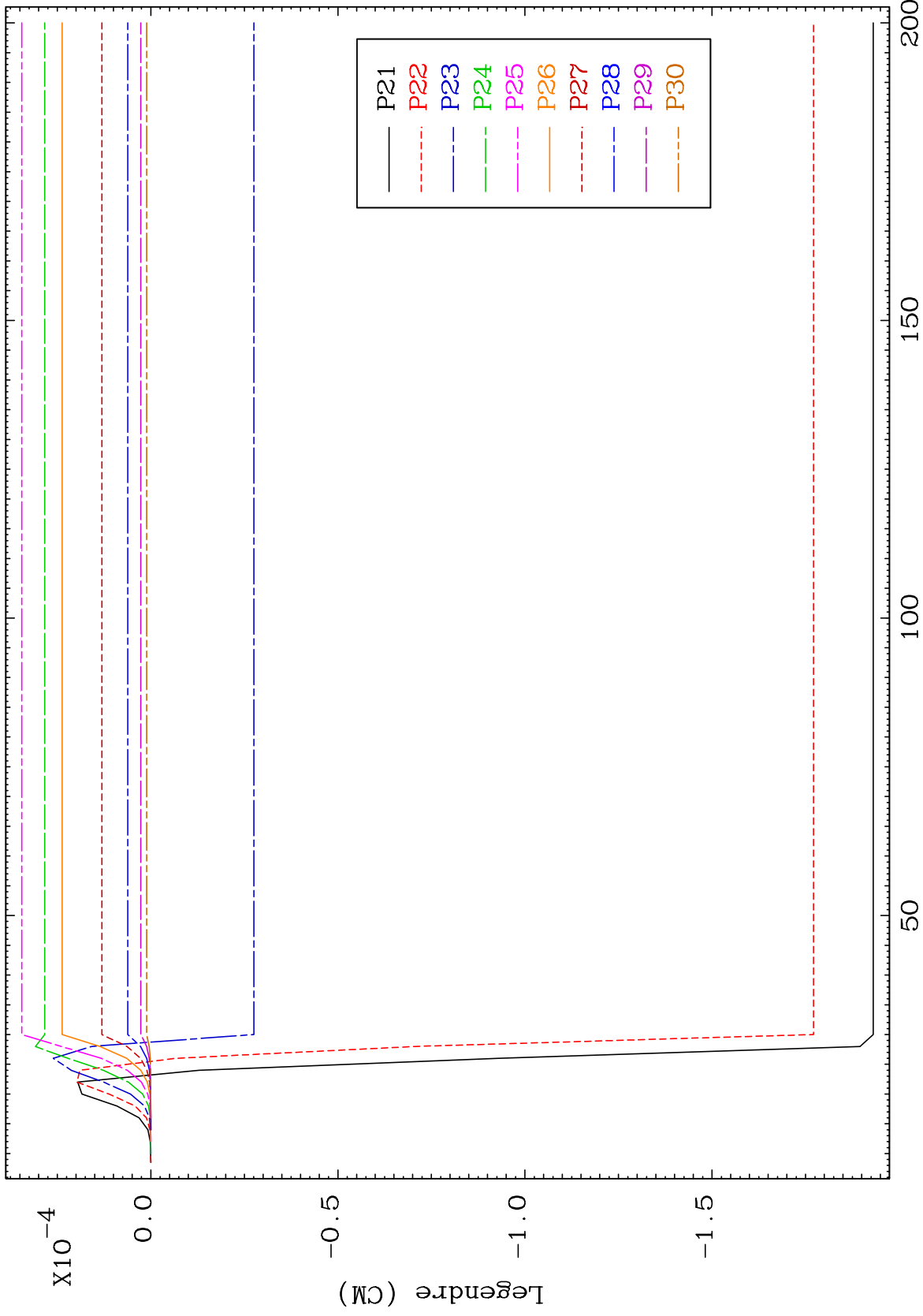
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



30

Incident Energy (MeV)

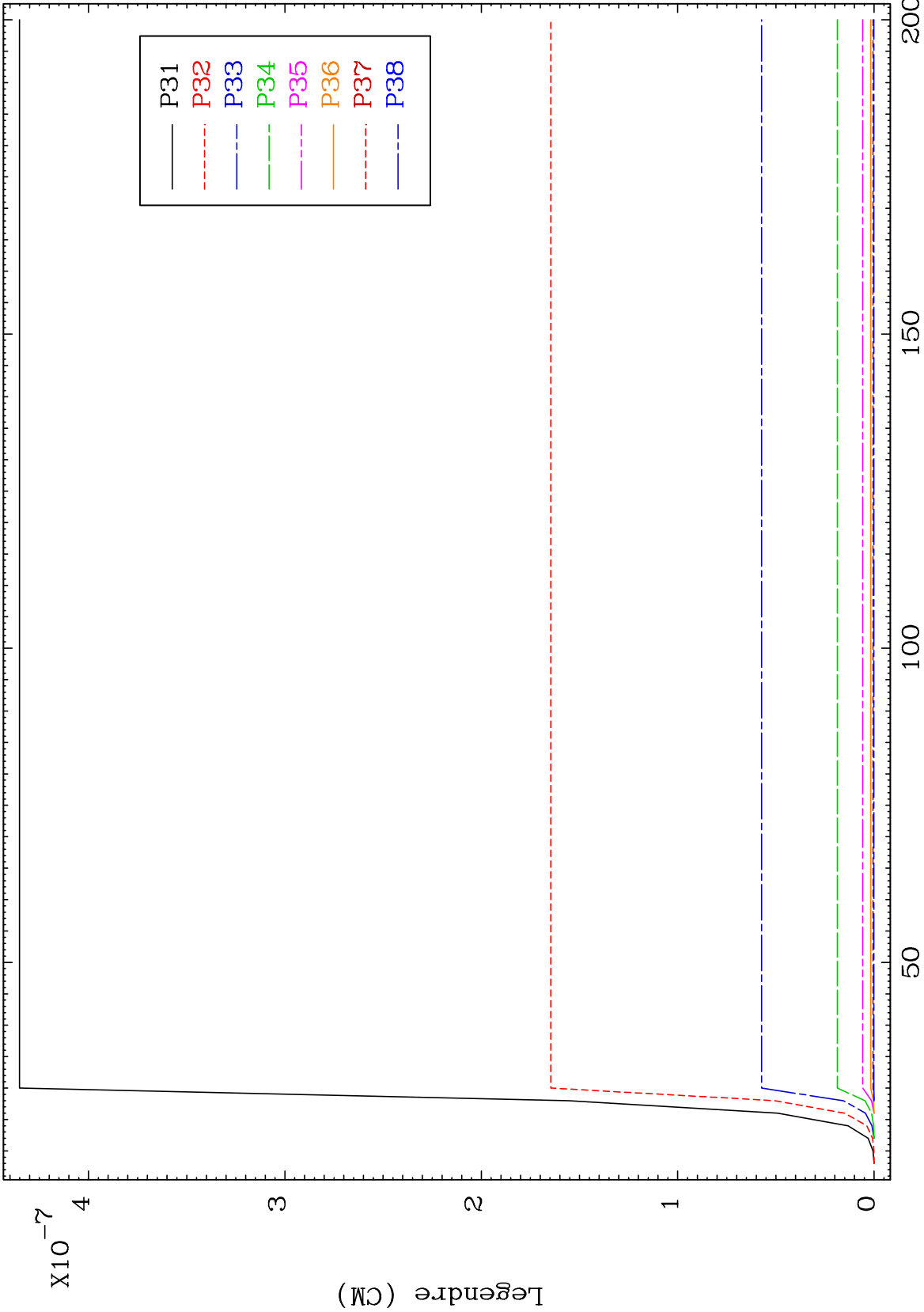
82-Pb-210

MAT 8243

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

82-Pb-210

$\times 10^{-7}$



31

Incident Energy (MeV)

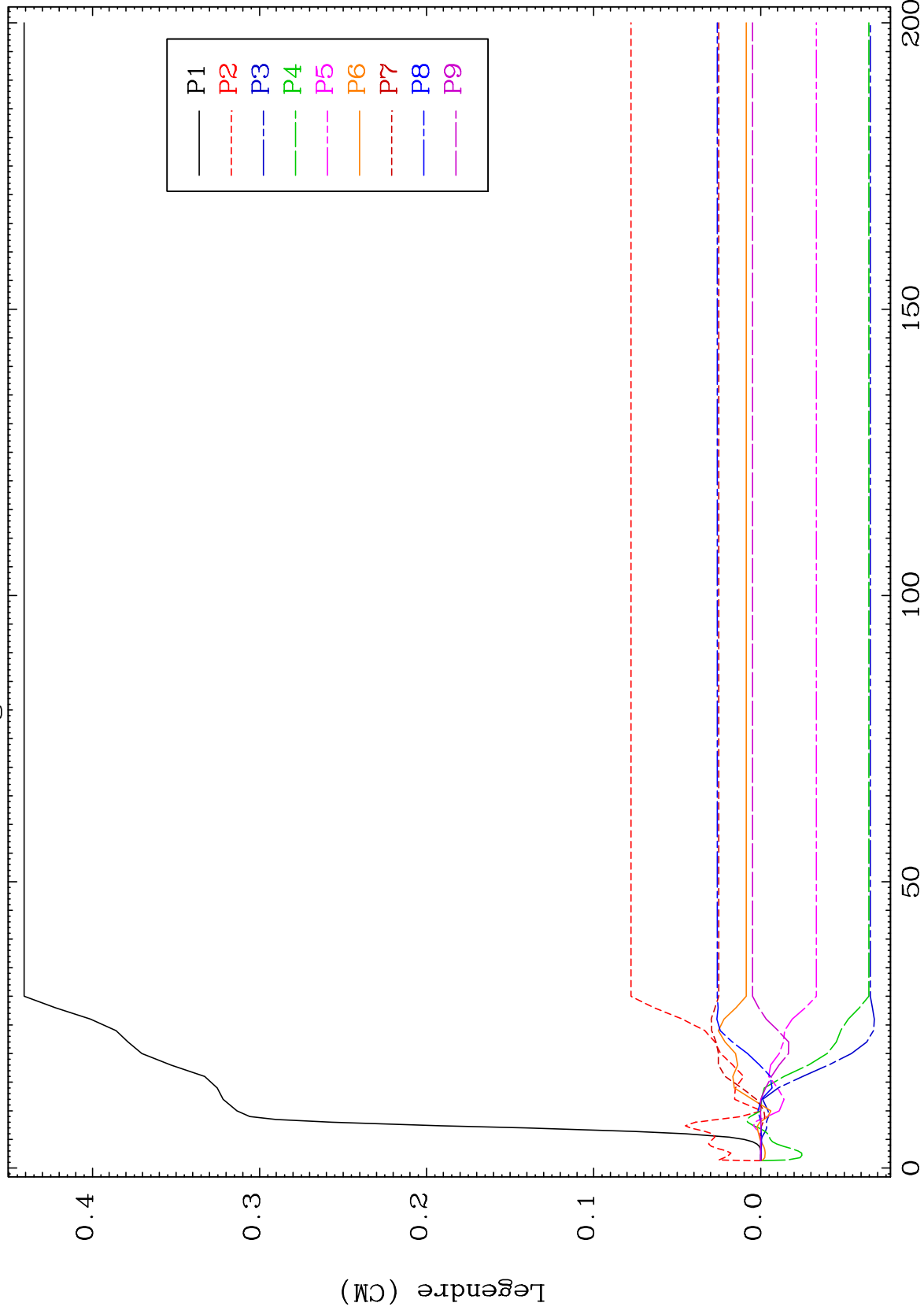
82-Pb-210



MAT 8243

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

82-Pb-210



32

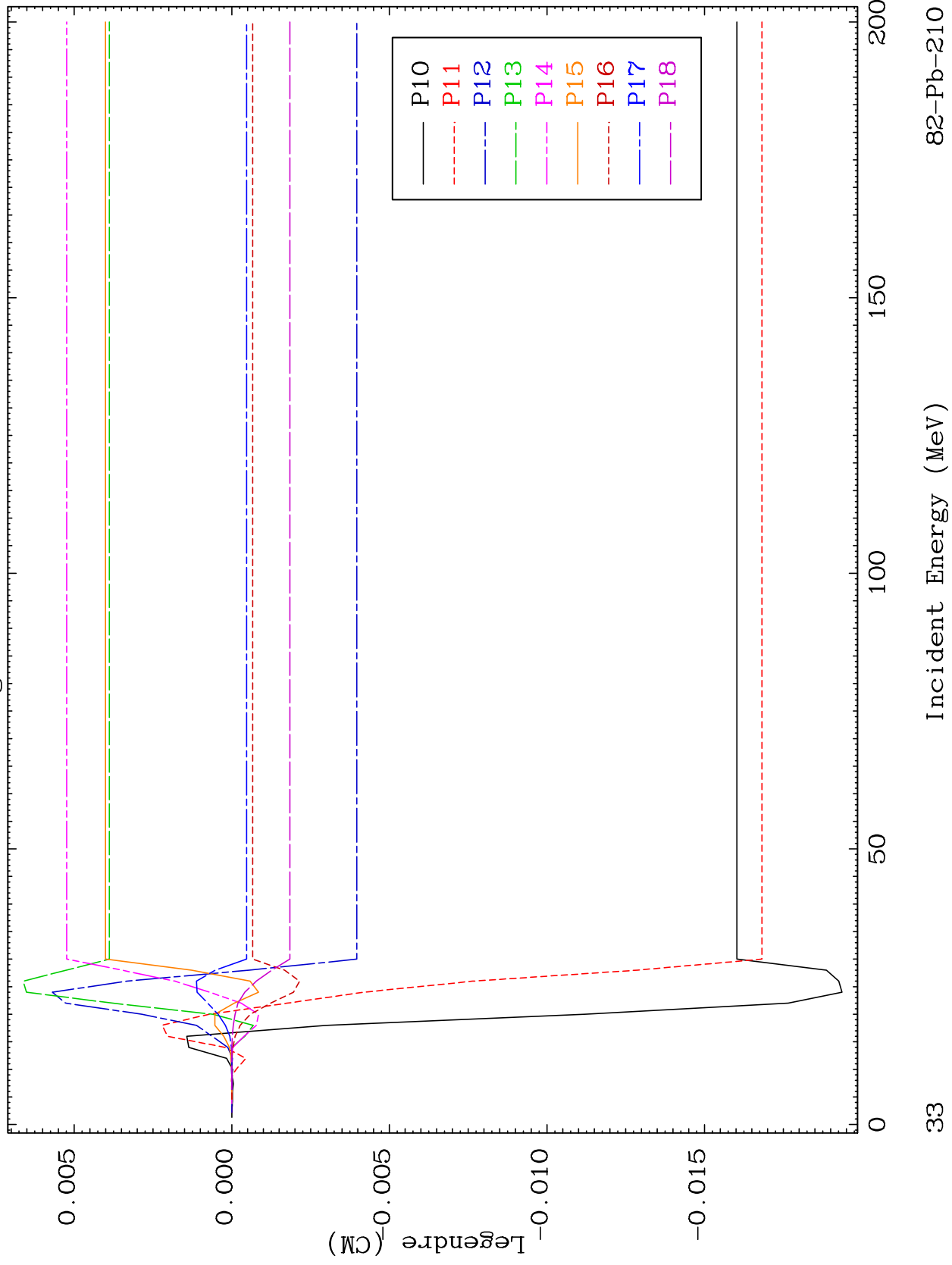
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



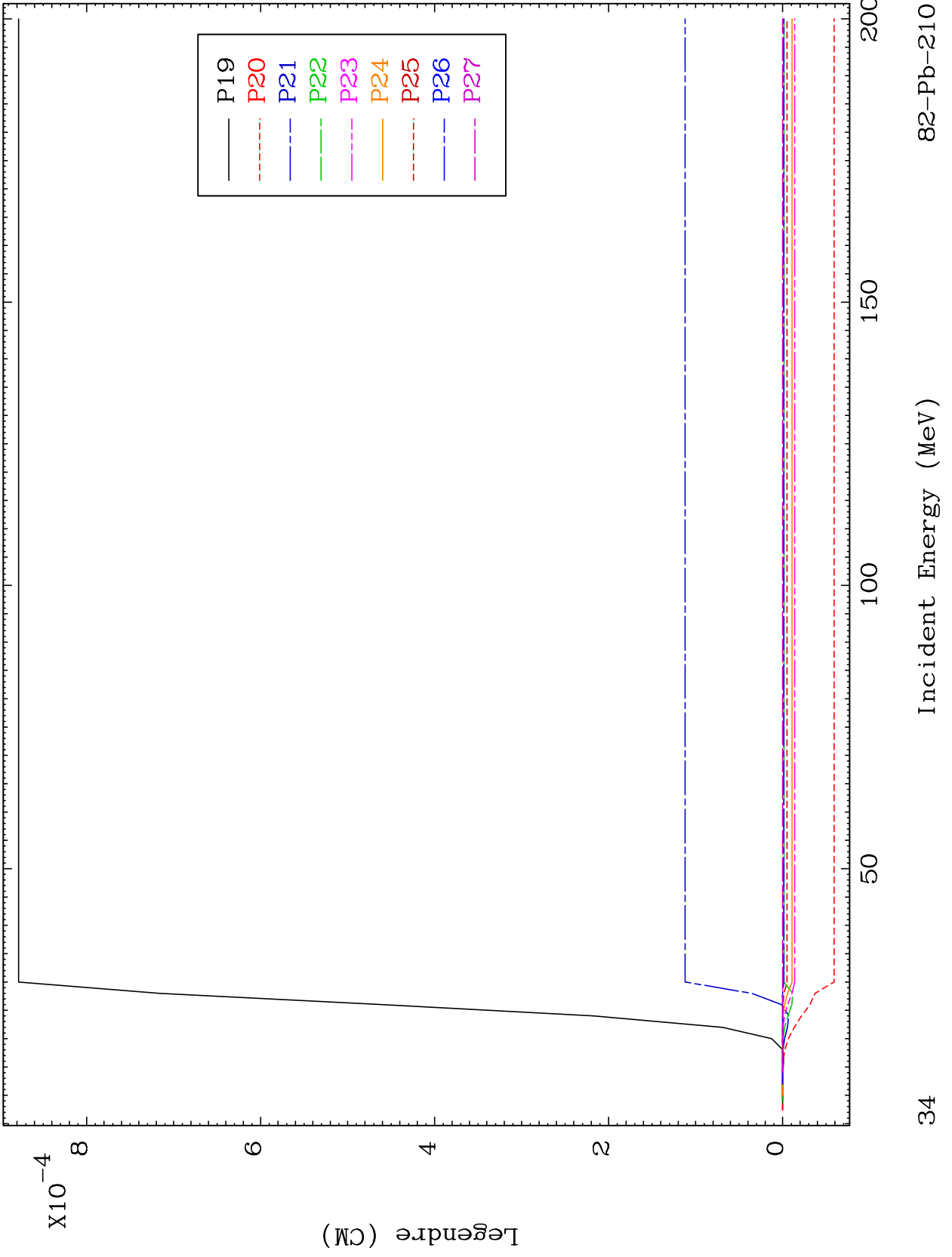
33

82-Pb-210

MAT 8243

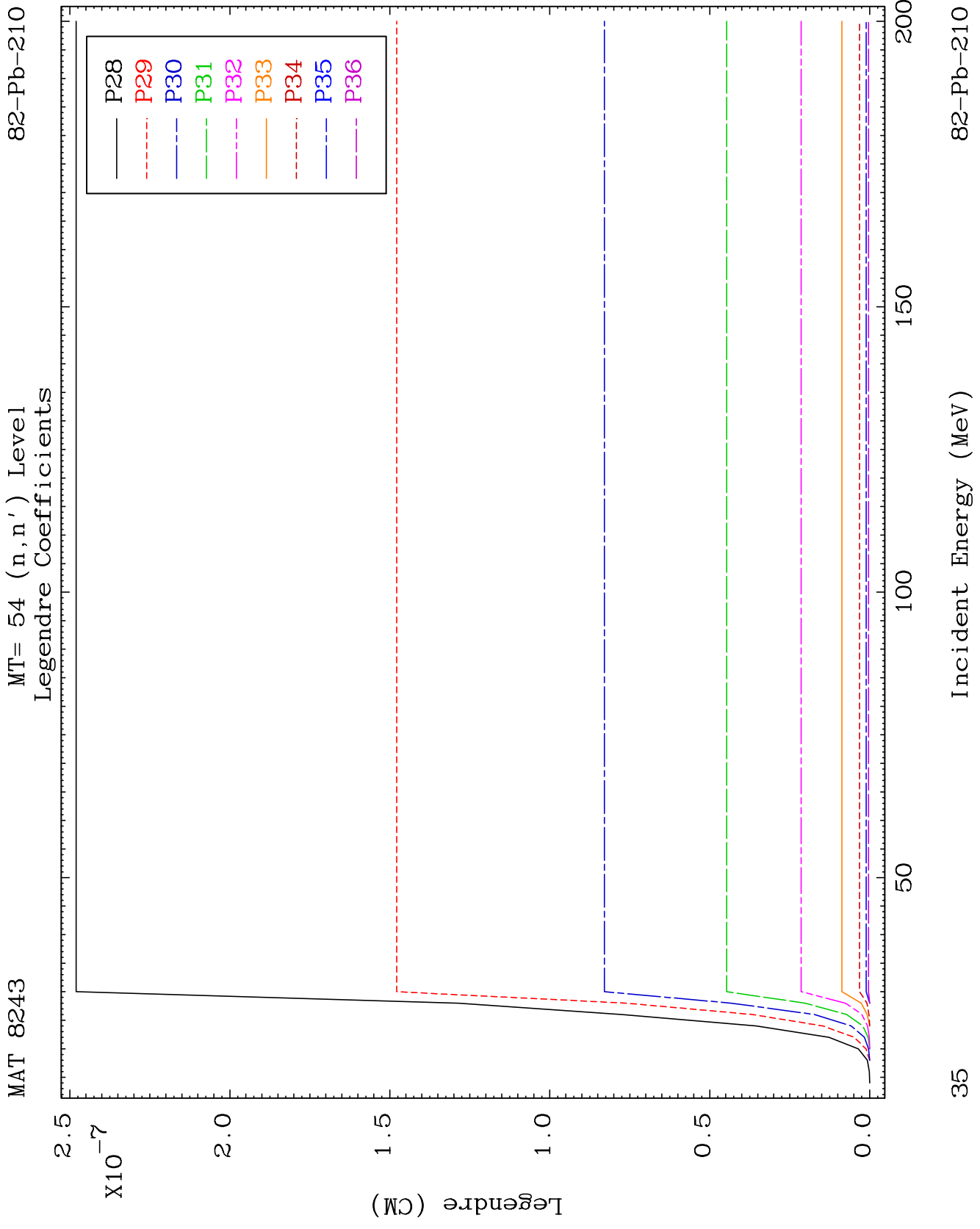
MT= 54 (n,n') Level  
Legendre Coefficients

82-Pb-210



34

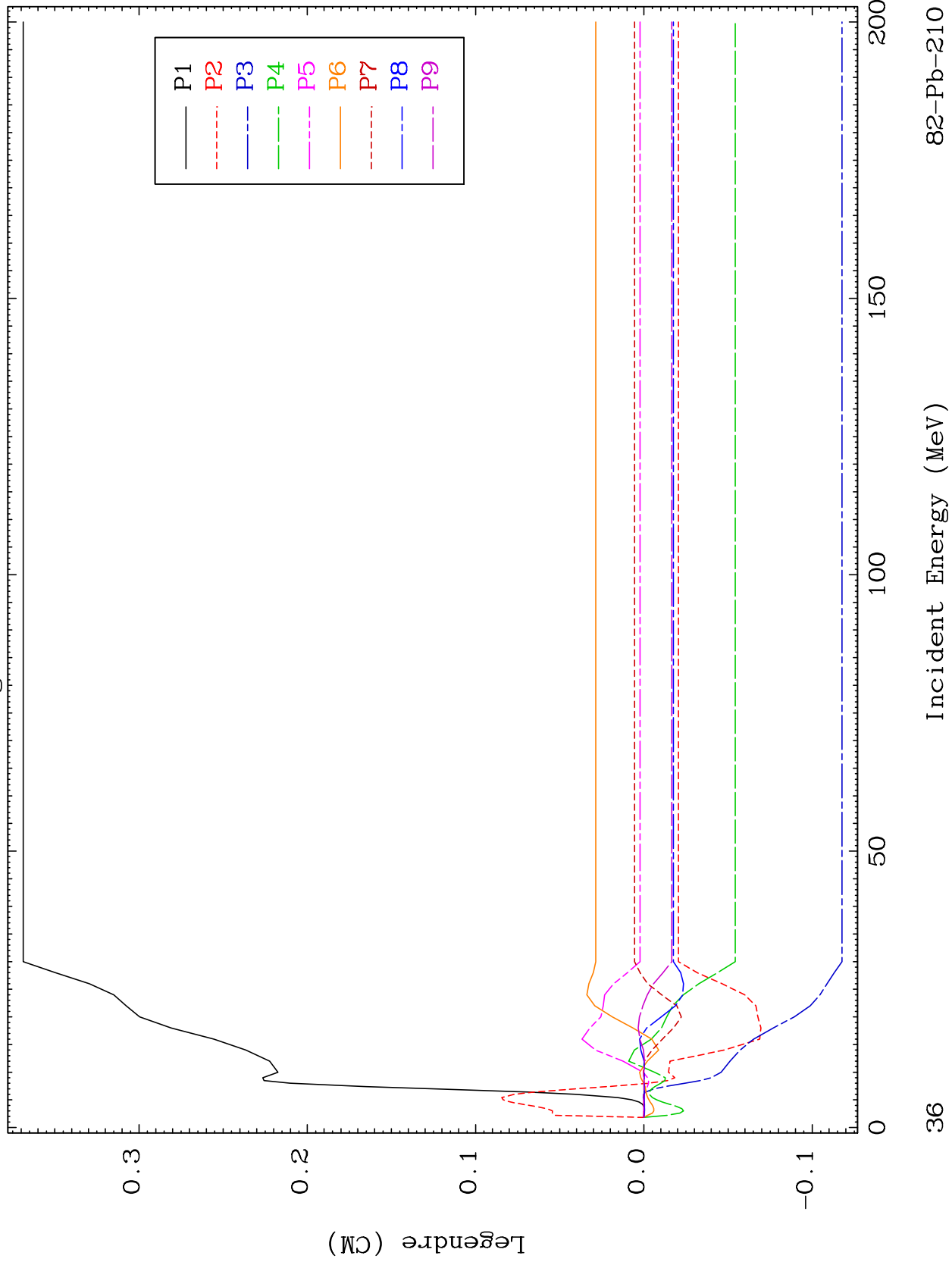
82-Pb-210



MAT 8243

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

82-Pb-210



82-Pb-210

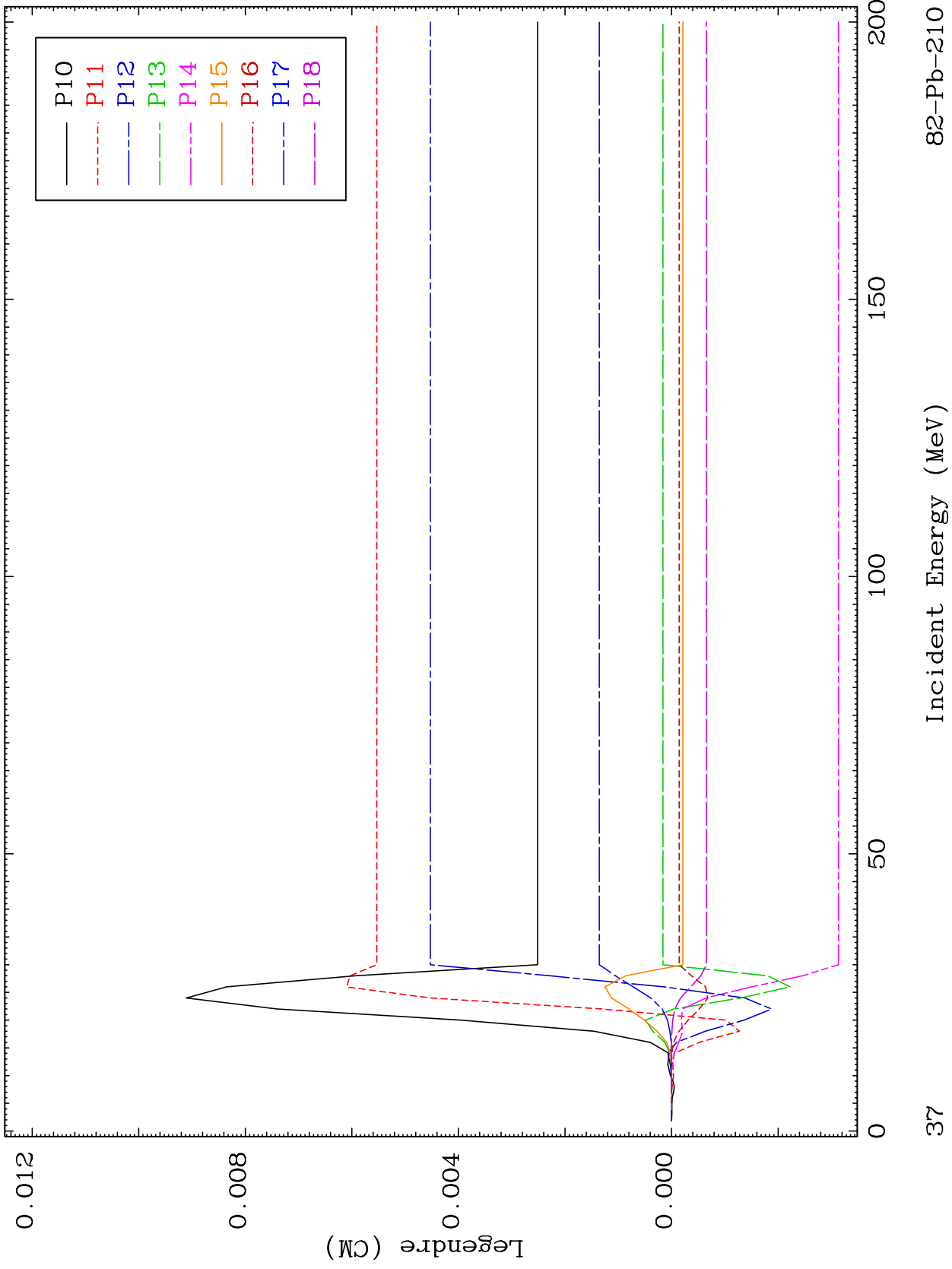
Incident Energy (MeV)

36

MAT 8243

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

82-Pb-210



37

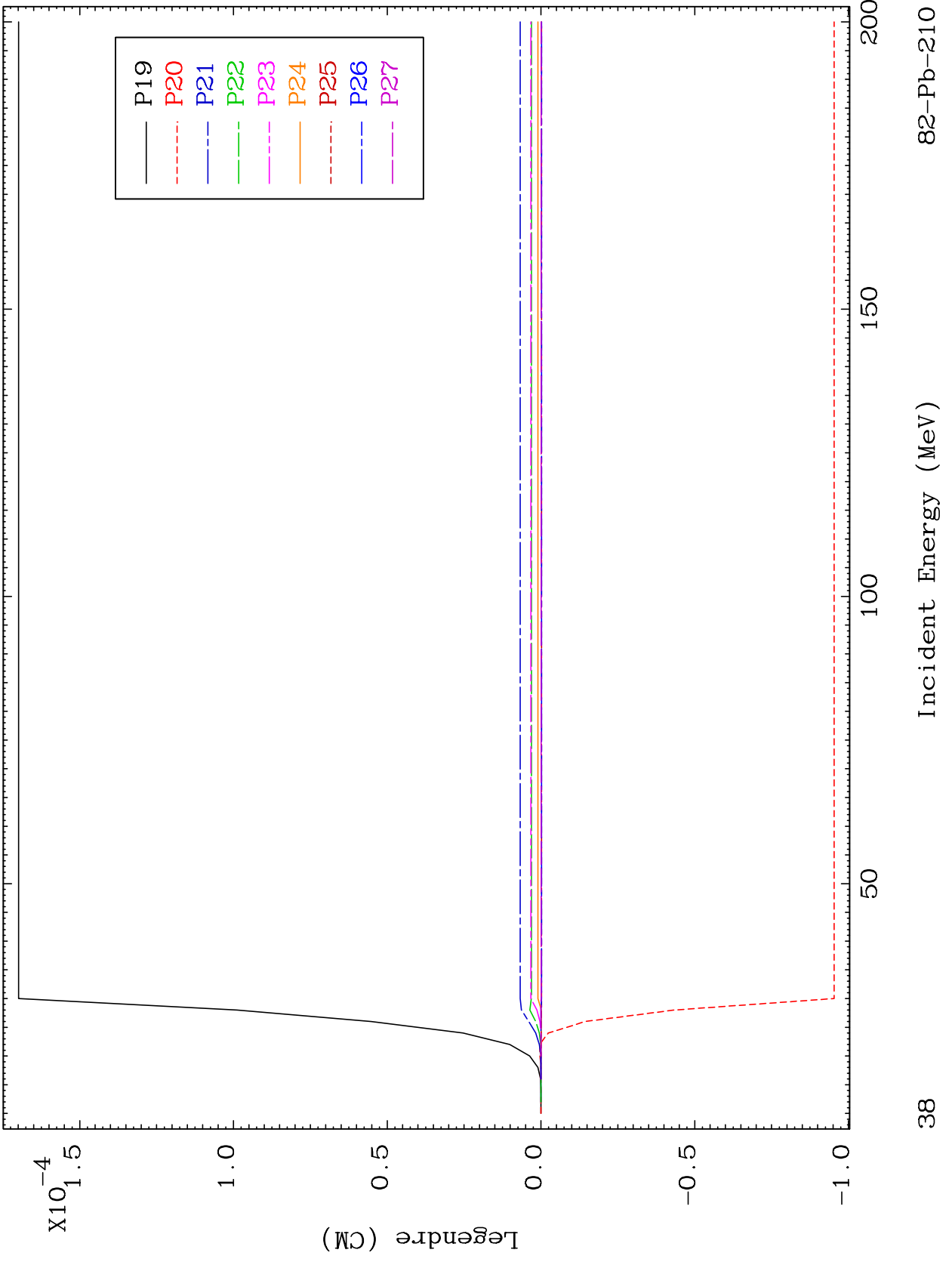
Incident Energy (MeV)

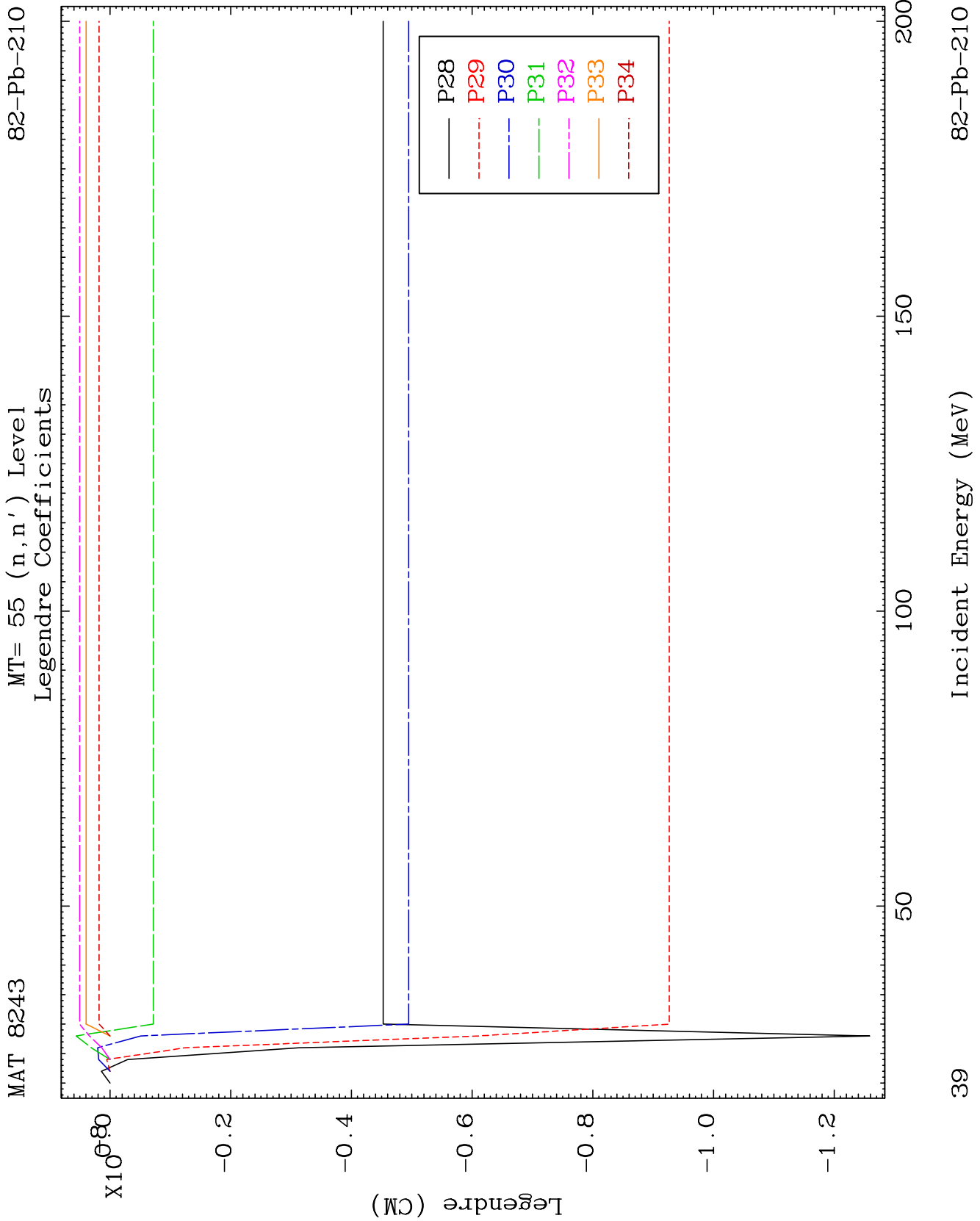
82-Pb-210

MAT 8243

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

82-Pb-210



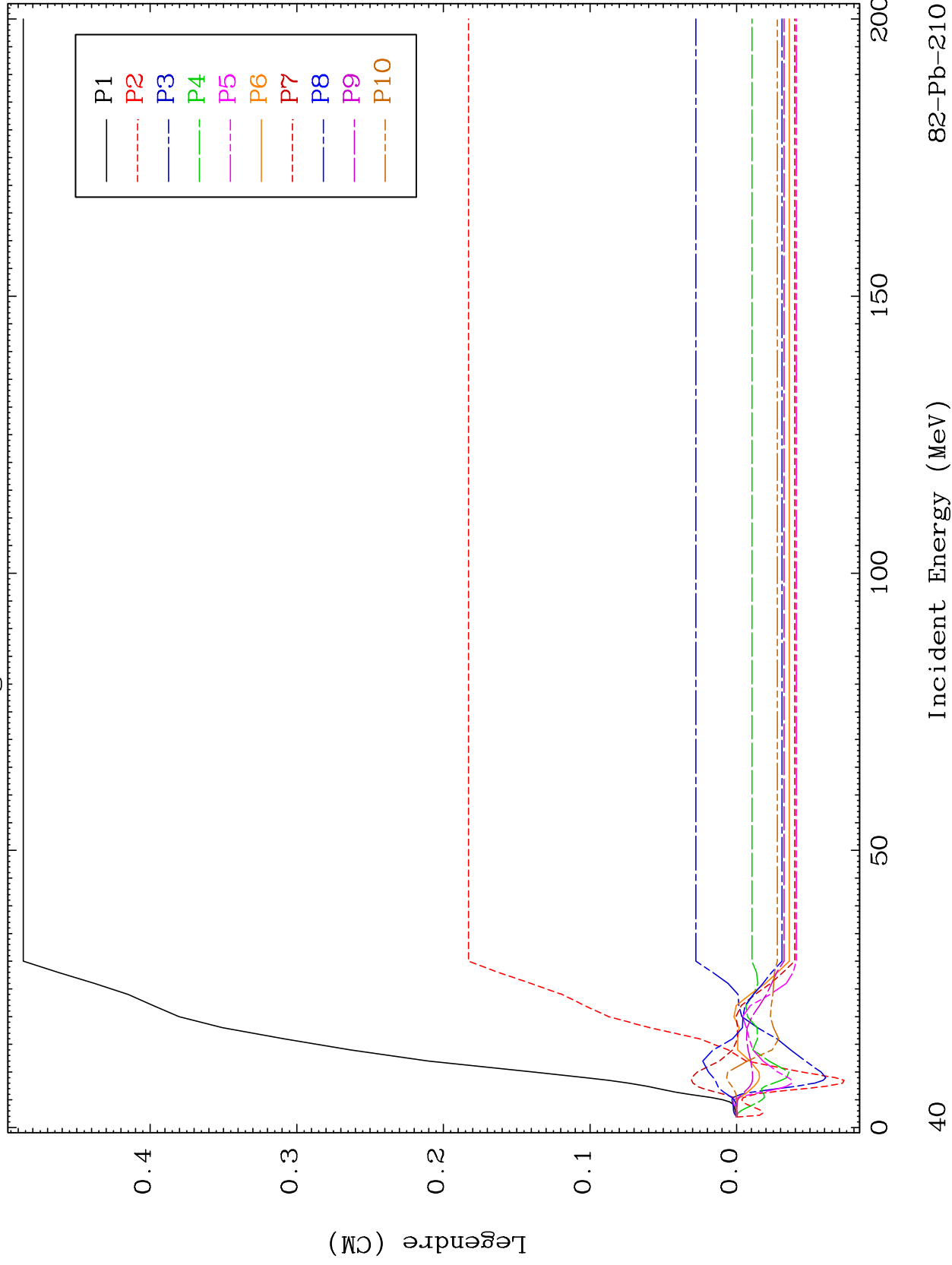




MAT 8243

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

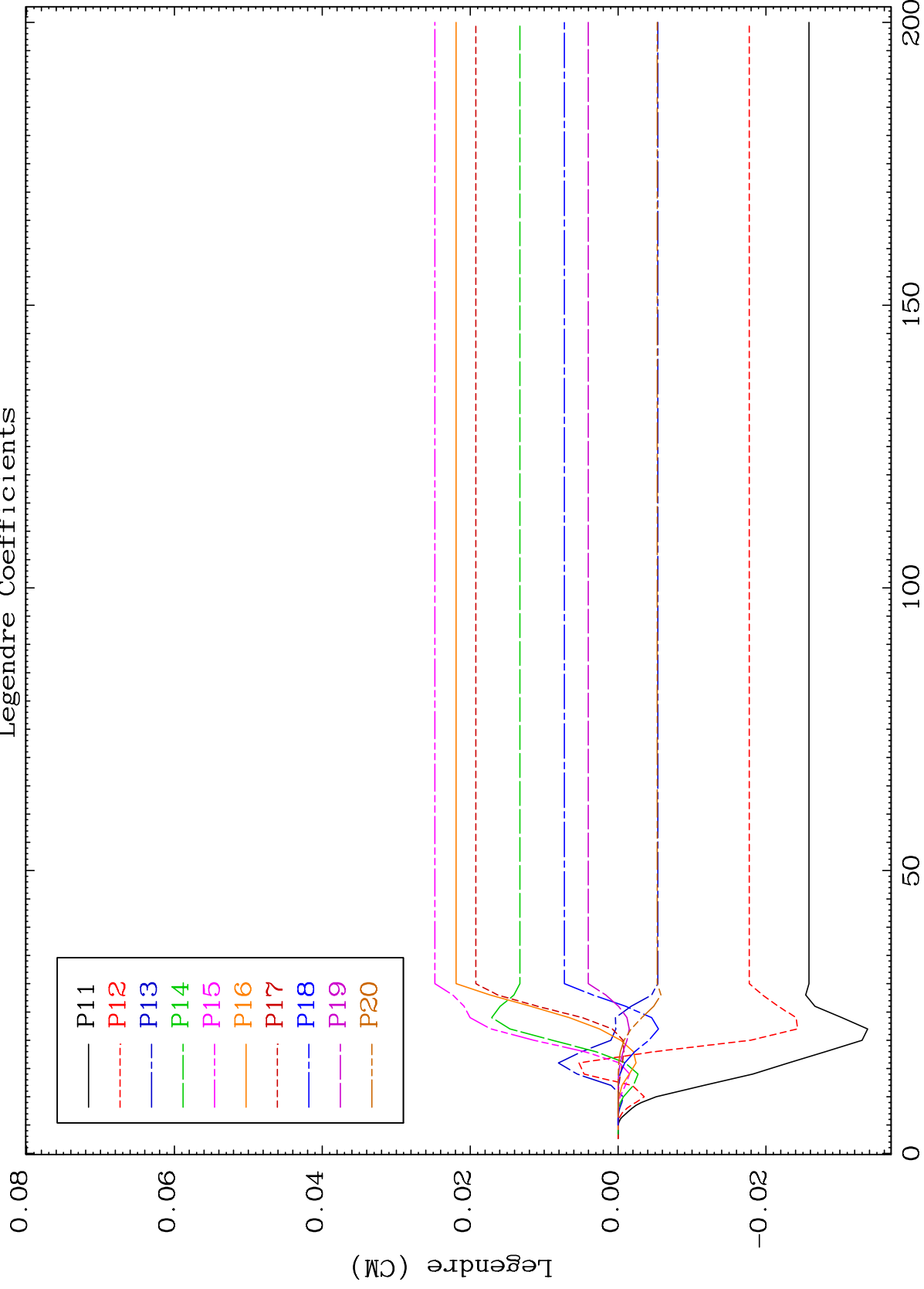
82-Pb-210



MAT 8243

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

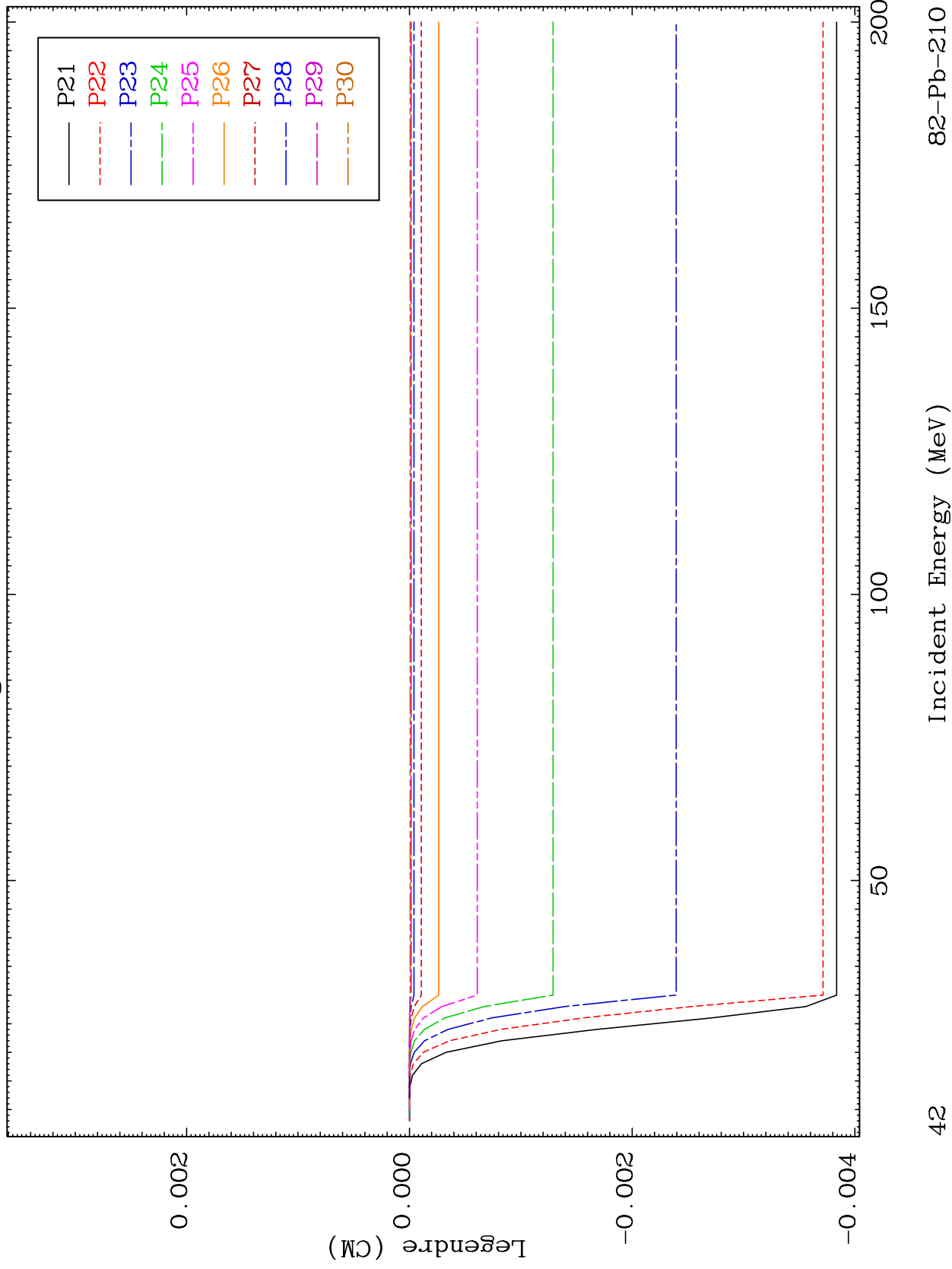
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MAT 8243

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

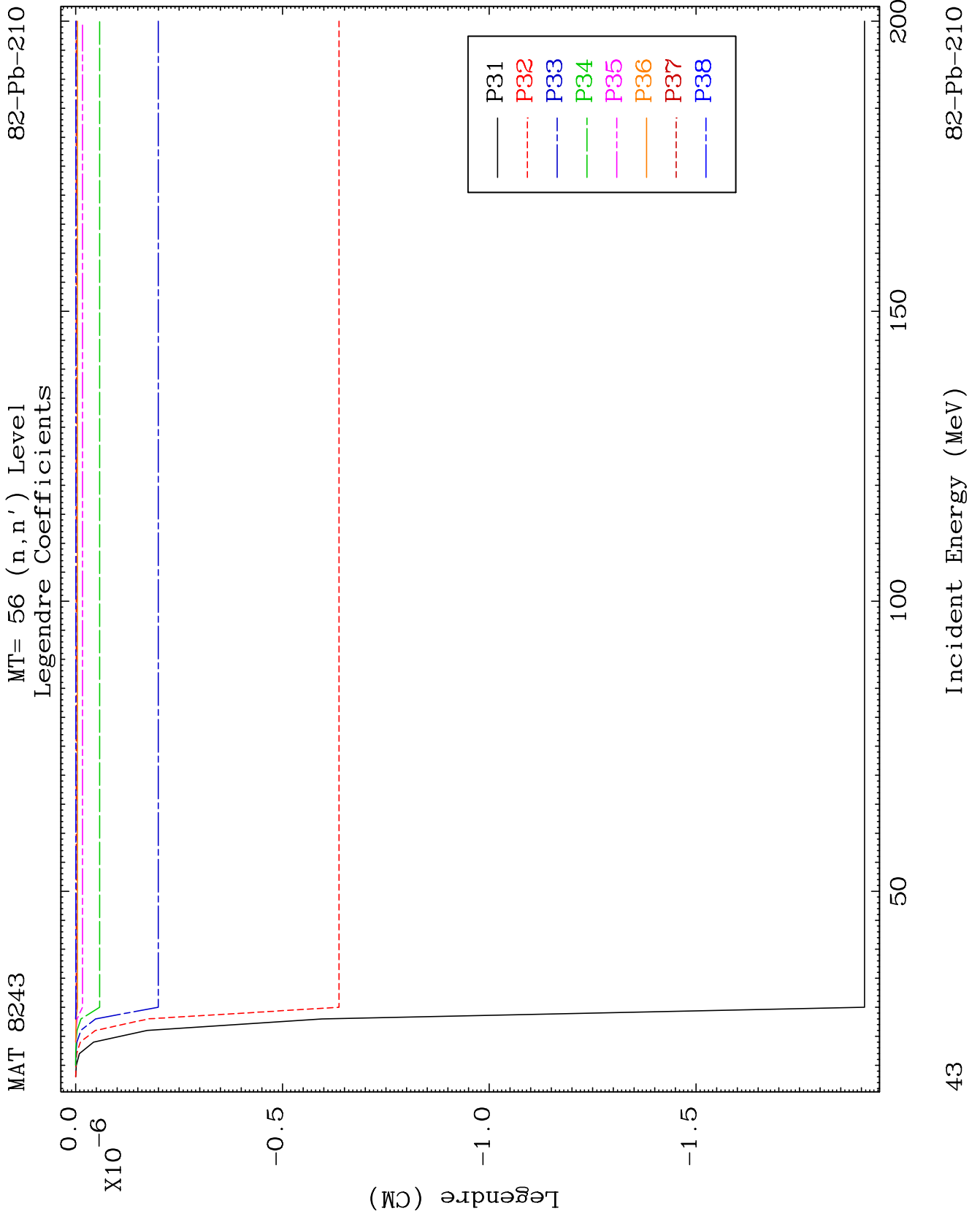
82-Pb-210



42

Incident Energy (MeV)

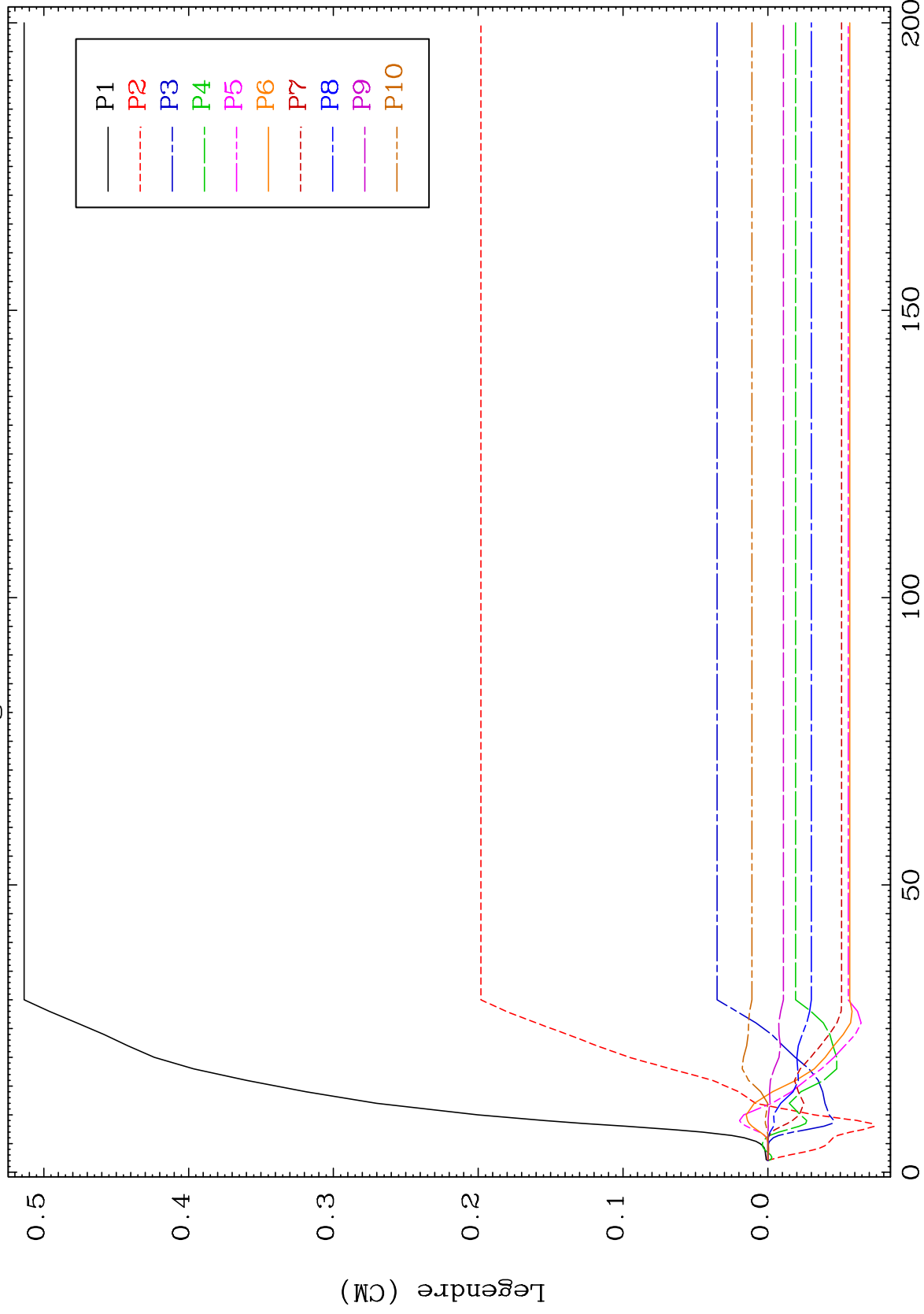
82-Pb-210



MAT 8243

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

82-Pb-210



44

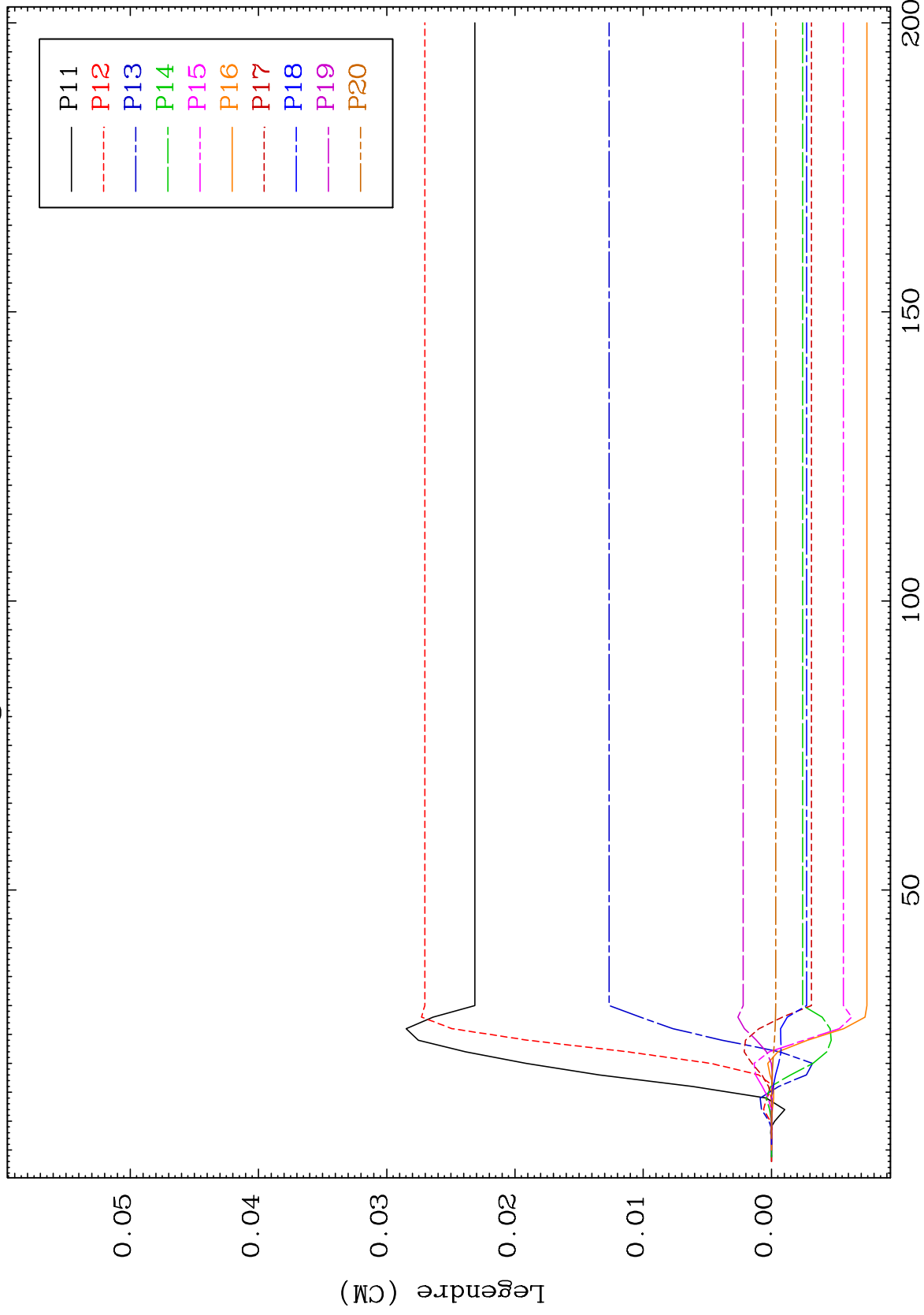
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



45

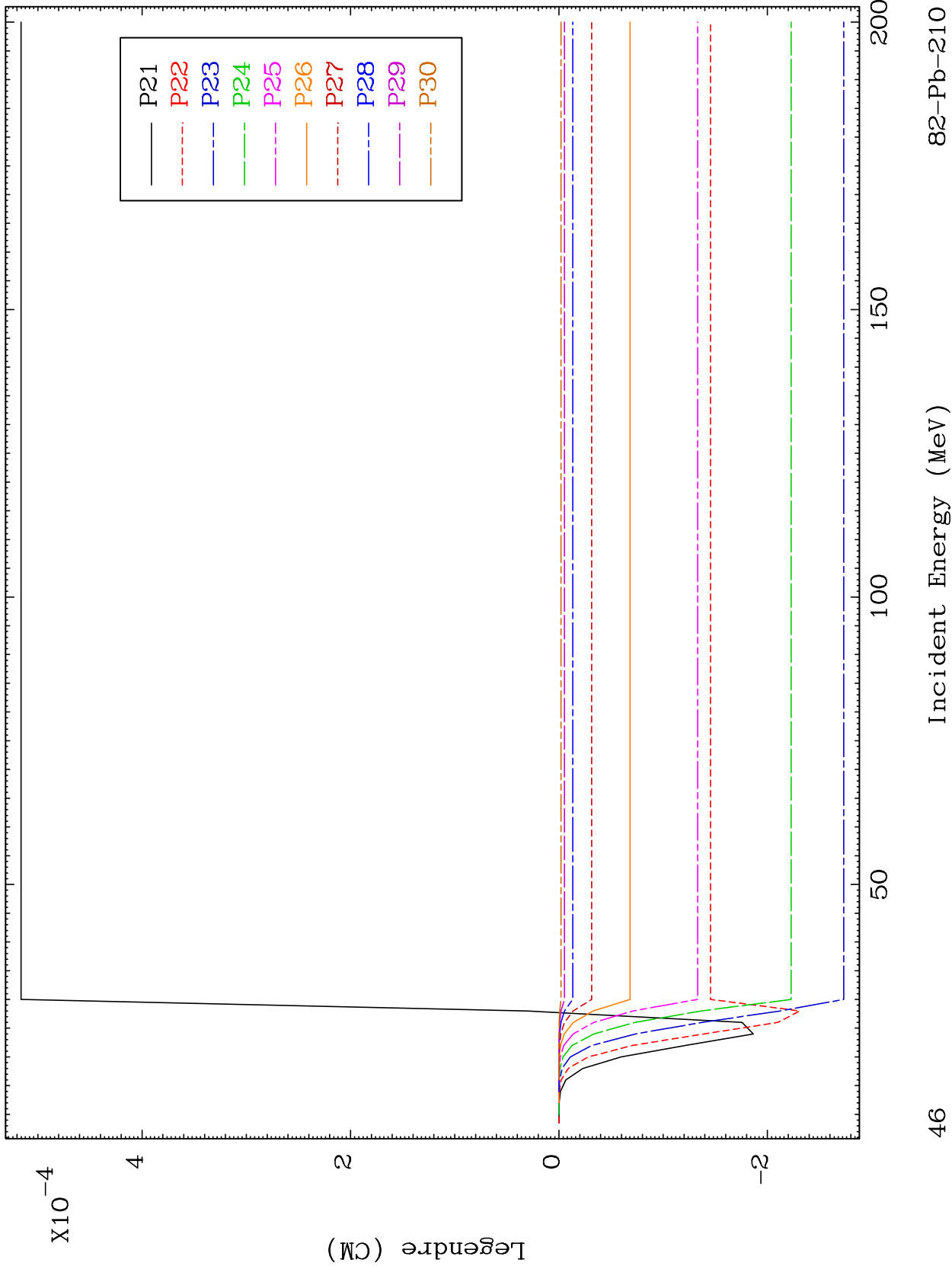
Incident Energy (MeV)

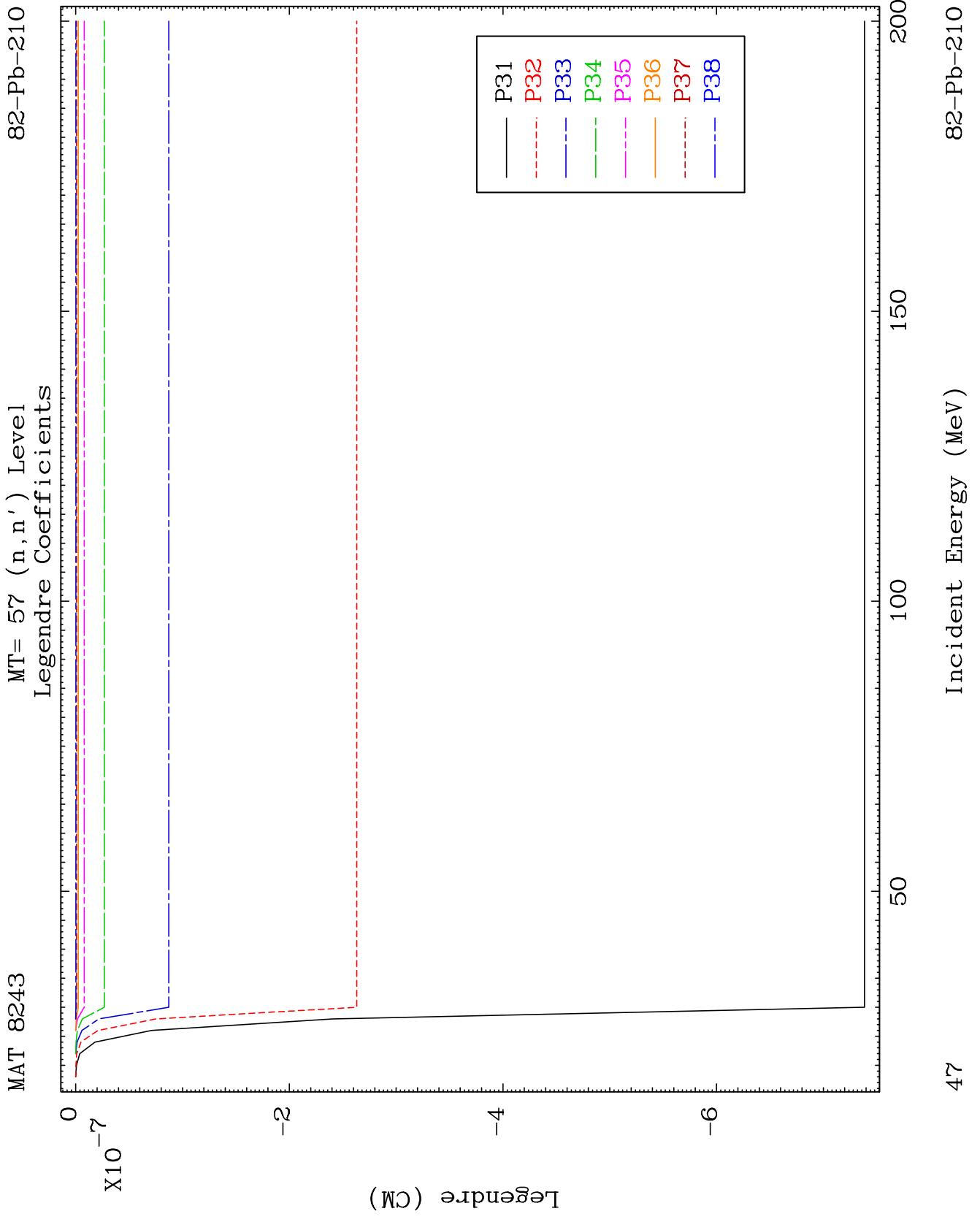
82-Pb-210

MAT 8243

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

82-Pb-210





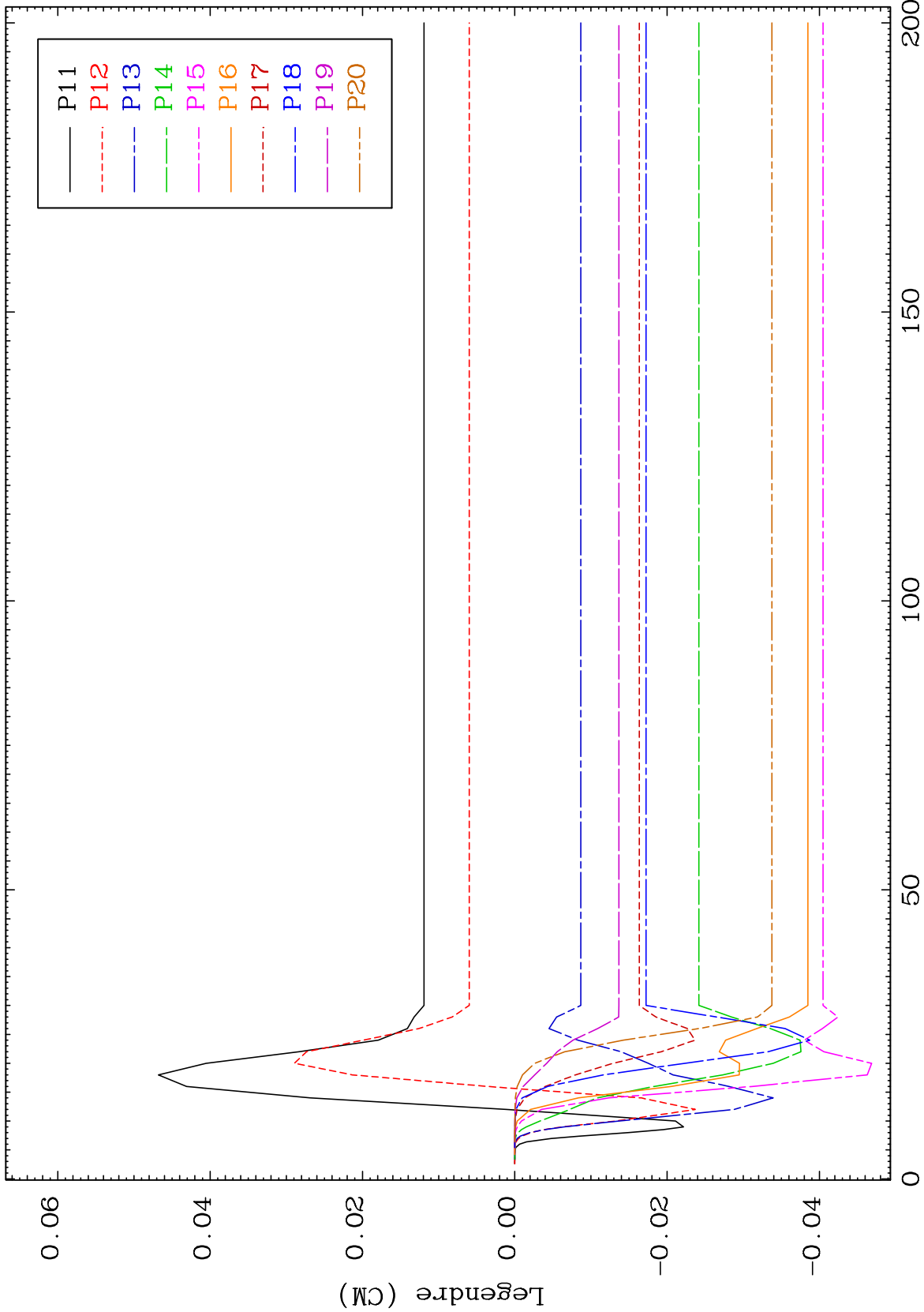




MAT 8243

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

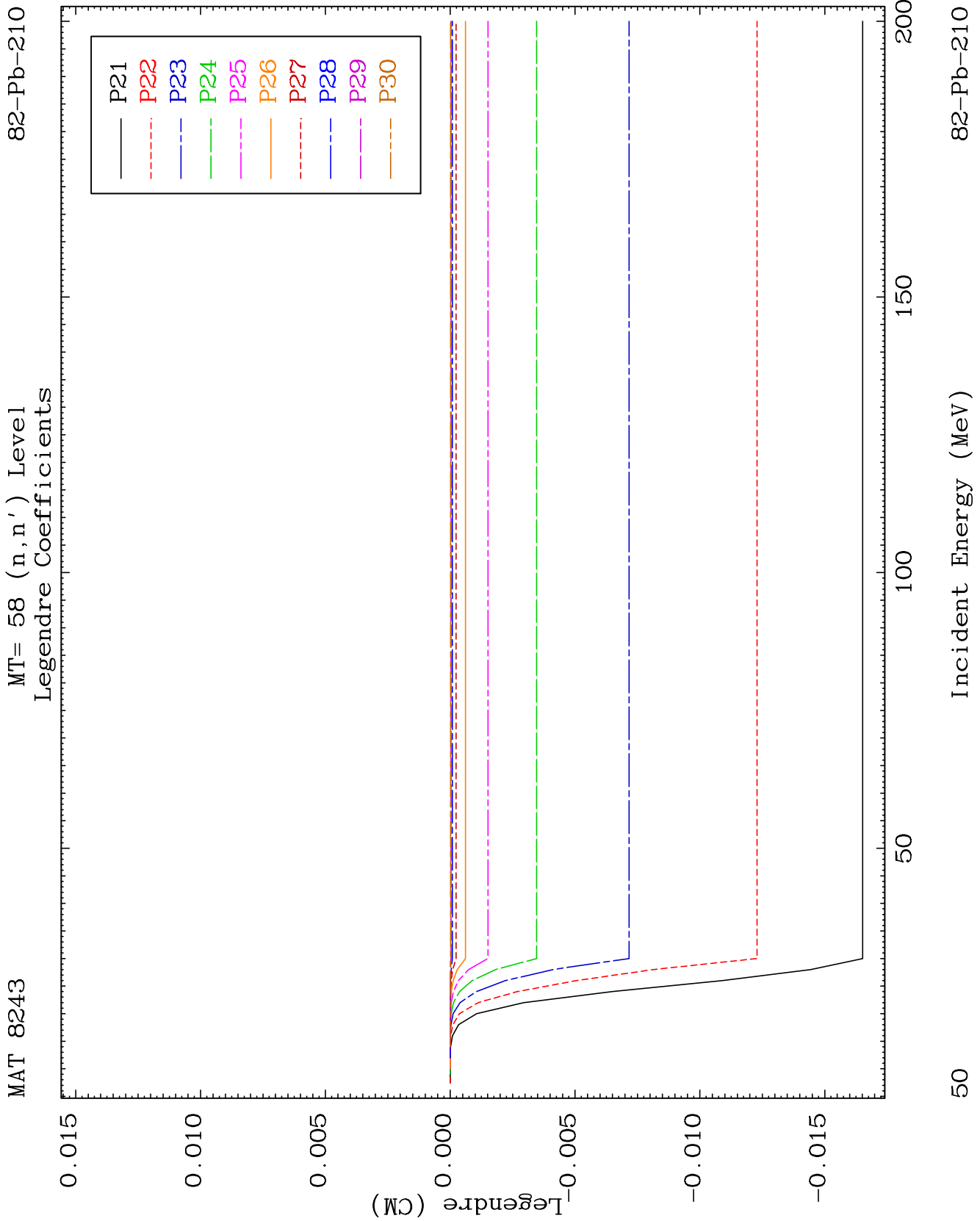
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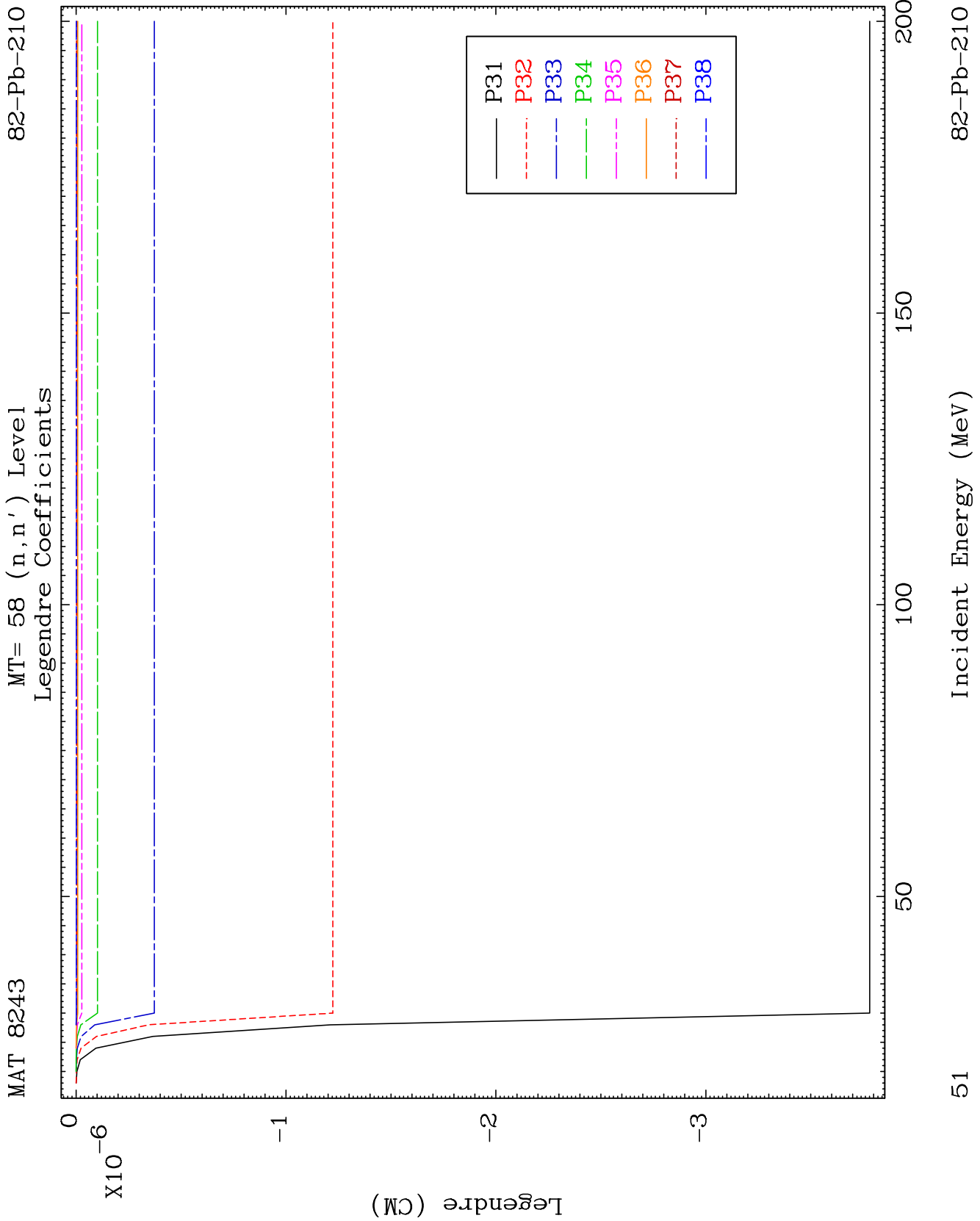


49

Incident Energy (MeV)

82-Pb-210

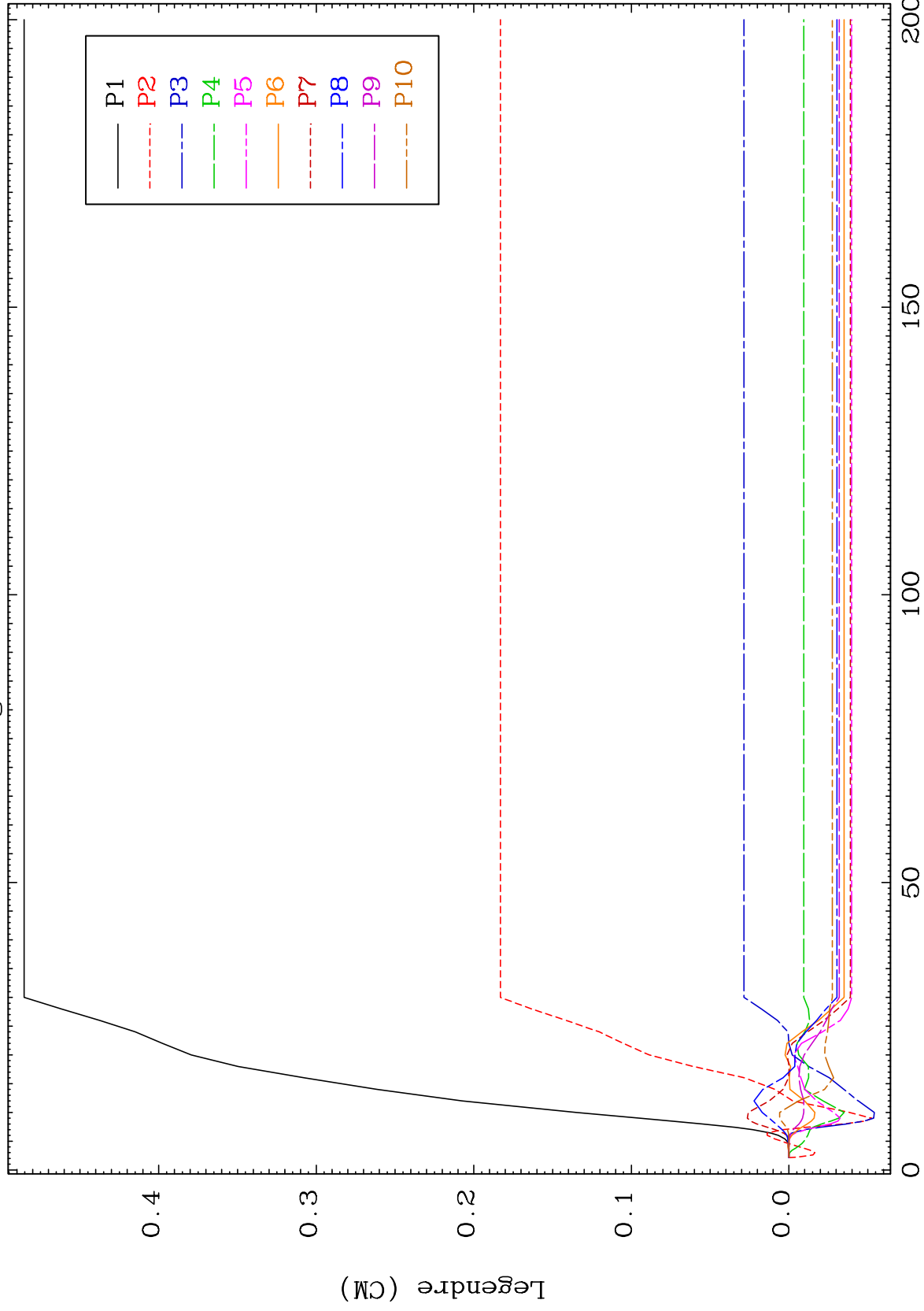




MAT 8243

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

82-Pb-210



52

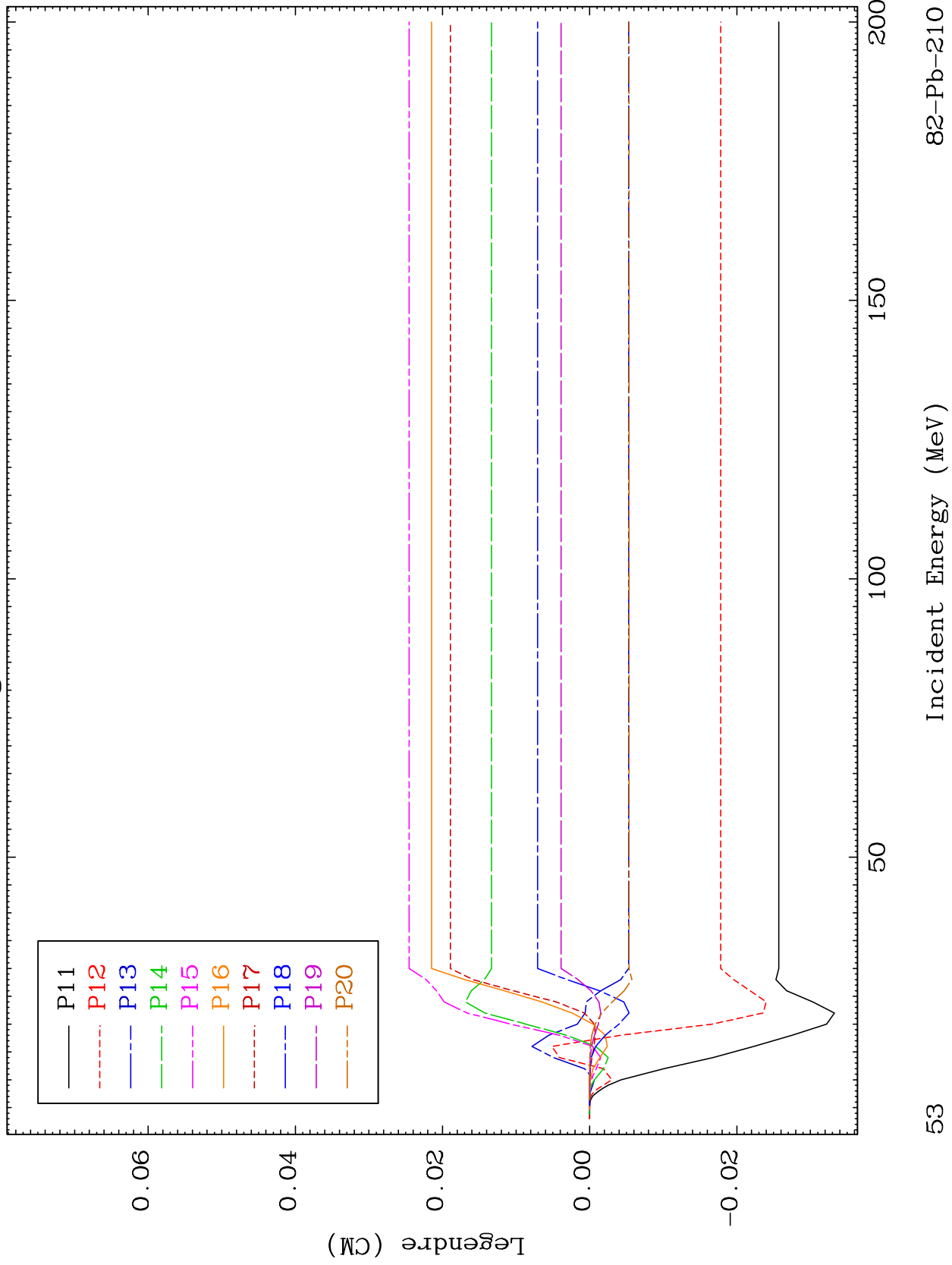
Incident Energy (MeV)

82-Pb-210

MAT 8243

82-Pb-210

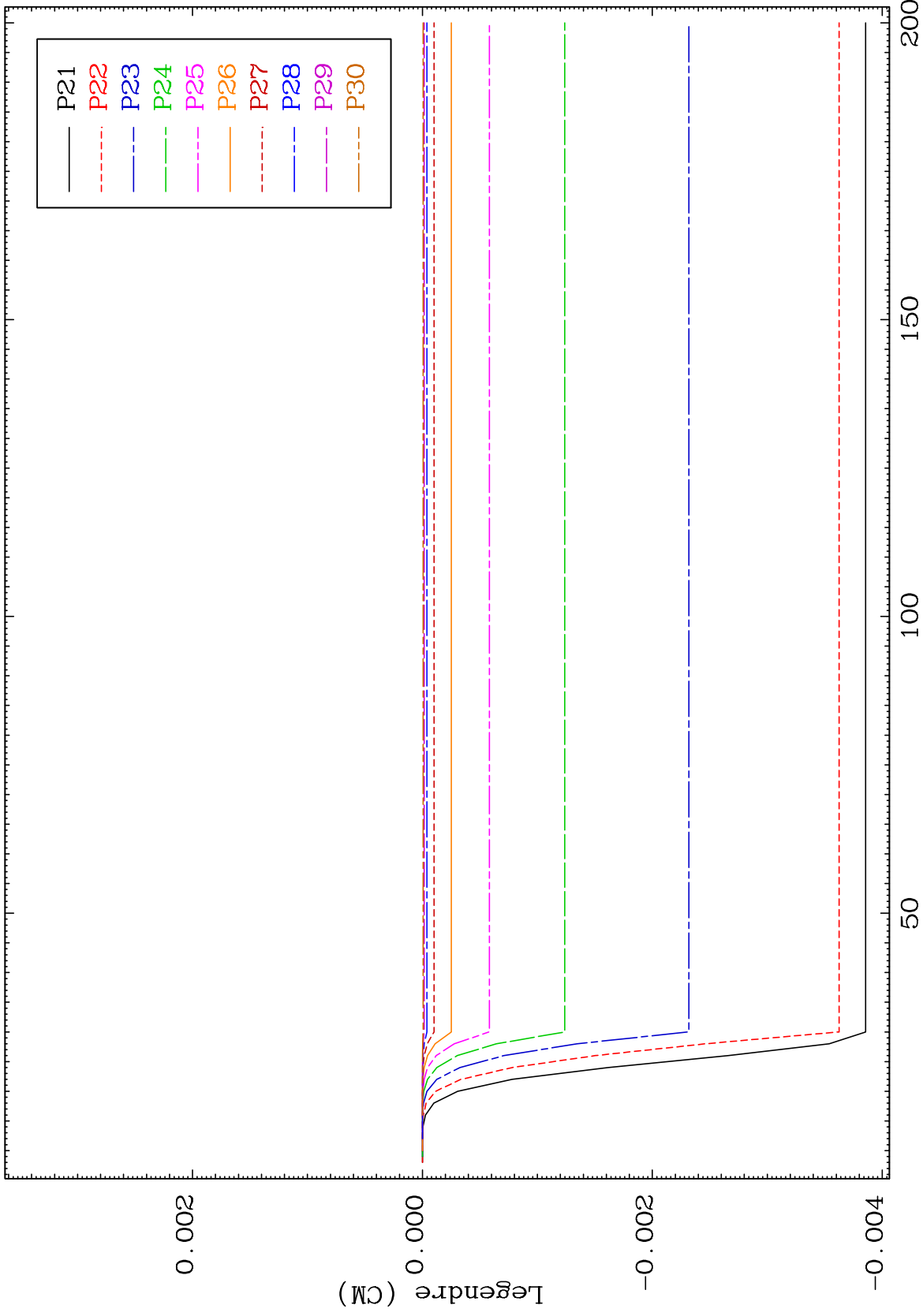
MT= 59 (n,n') Level  
Legendre Coefficients



MAT 8243

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

82-Pb-210



54

Incident Energy (MeV)

82-Pb-210

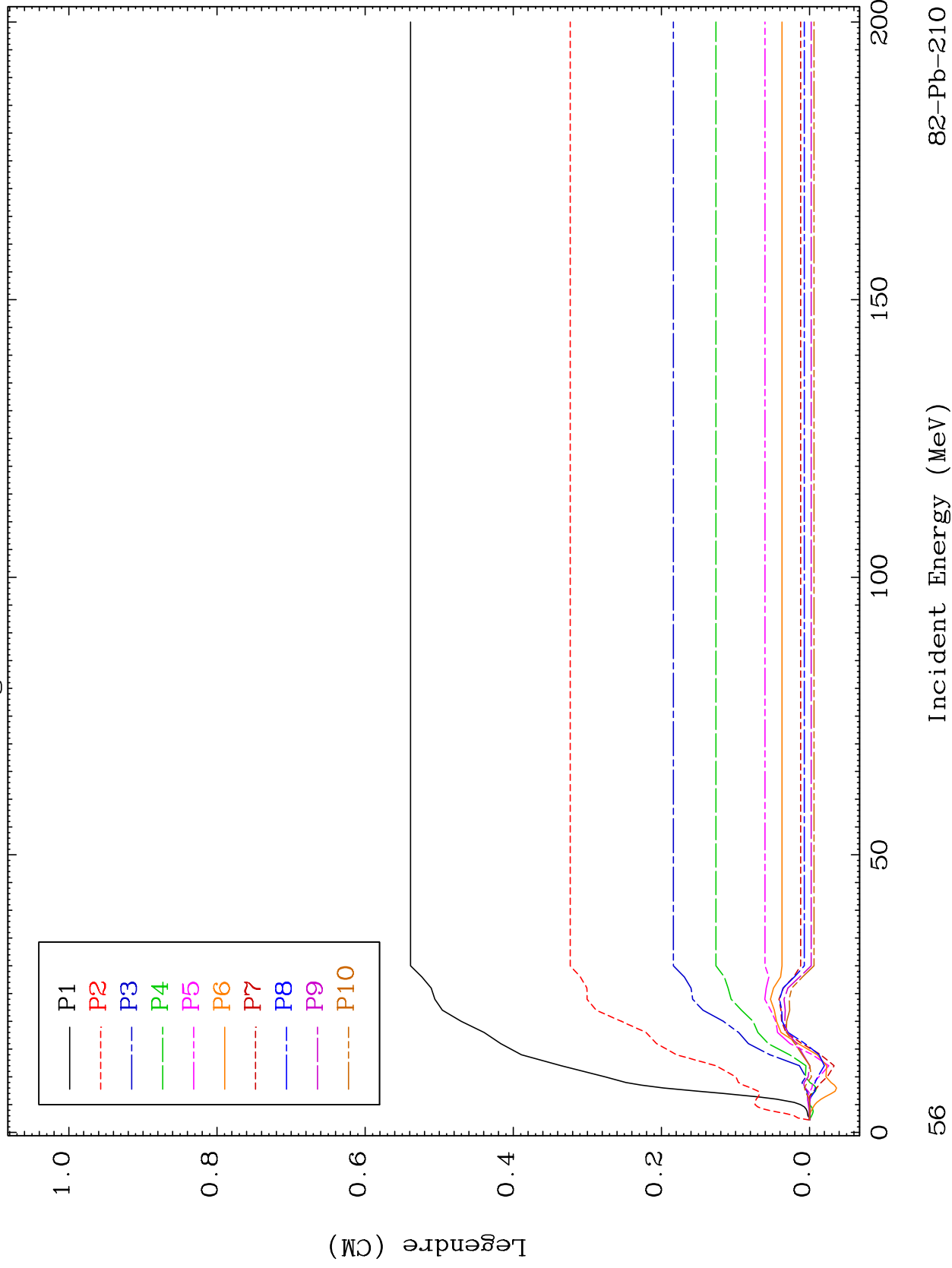




MAT 8243

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

82-Pb-210

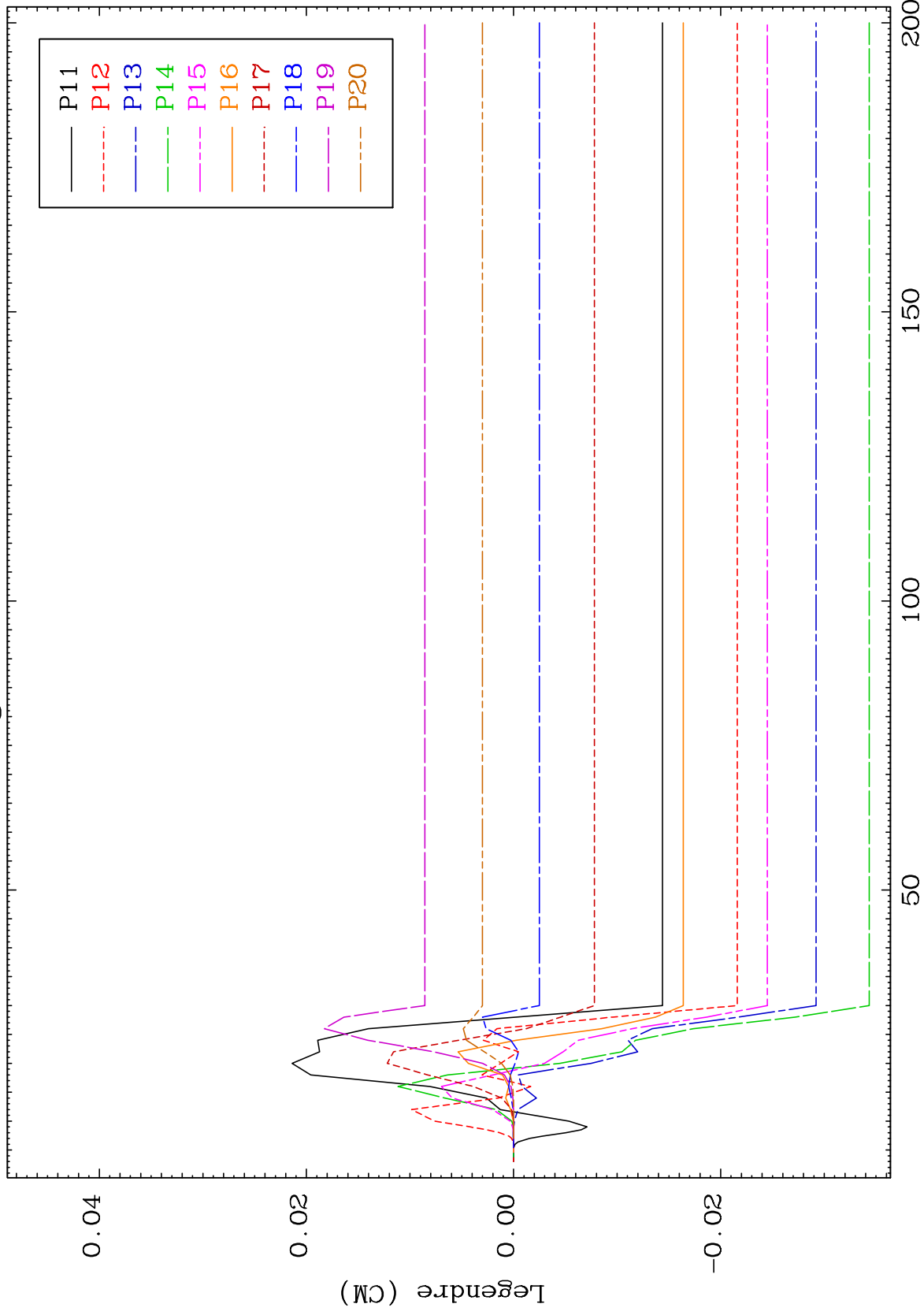


56

MAT 8243

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

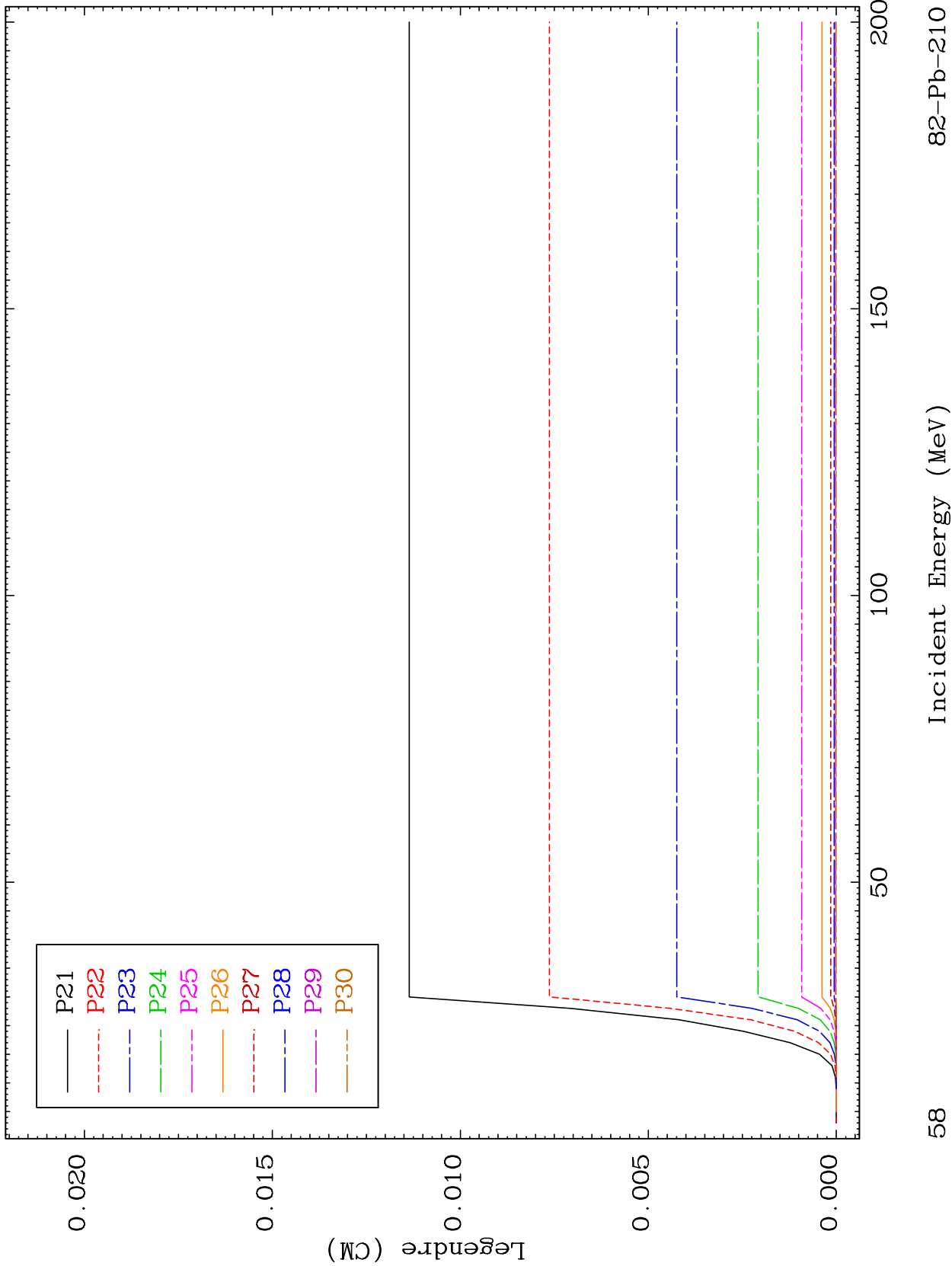
82-Pb-210



MAT 8243

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

82-Pb-210



58

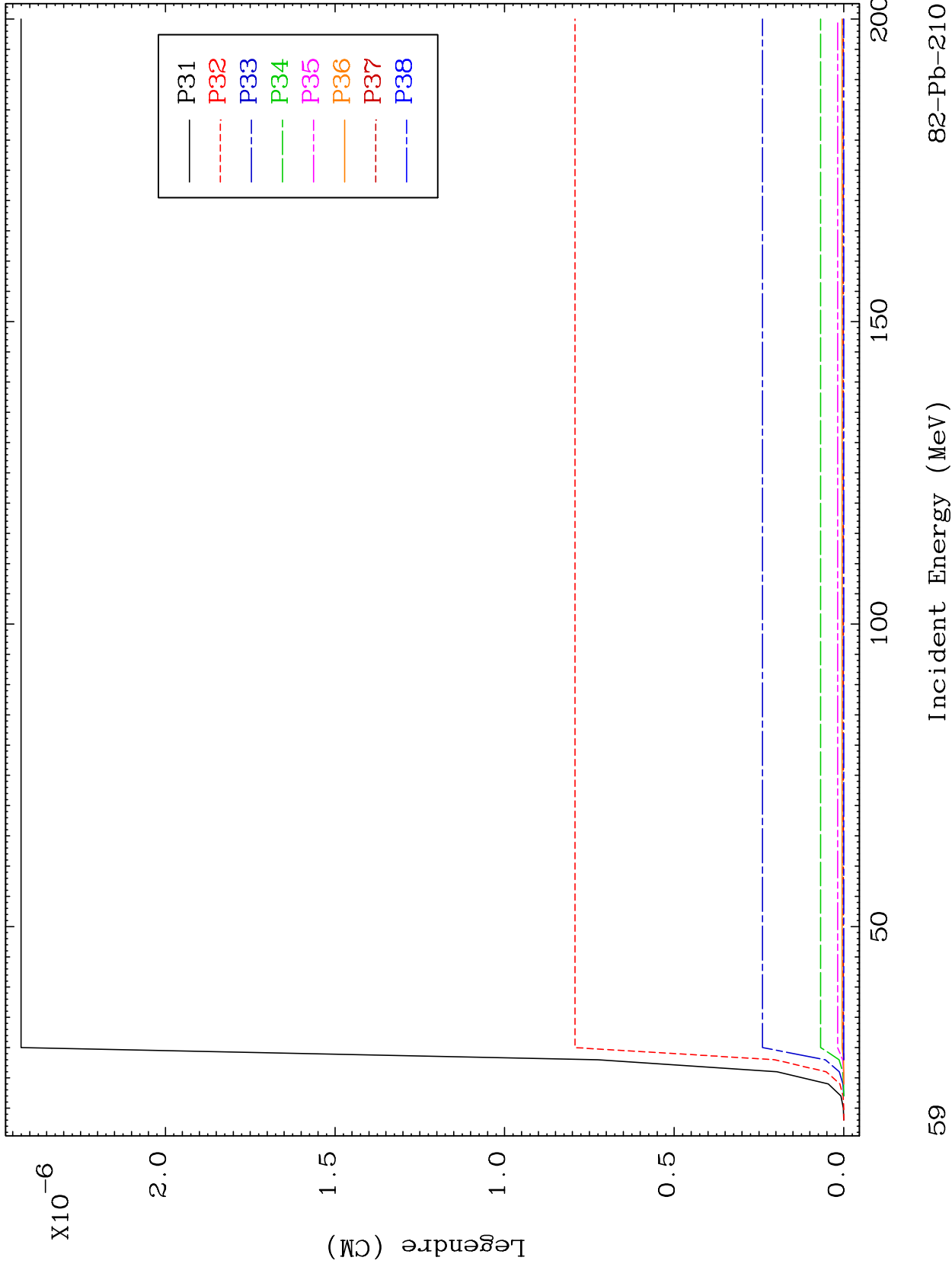
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

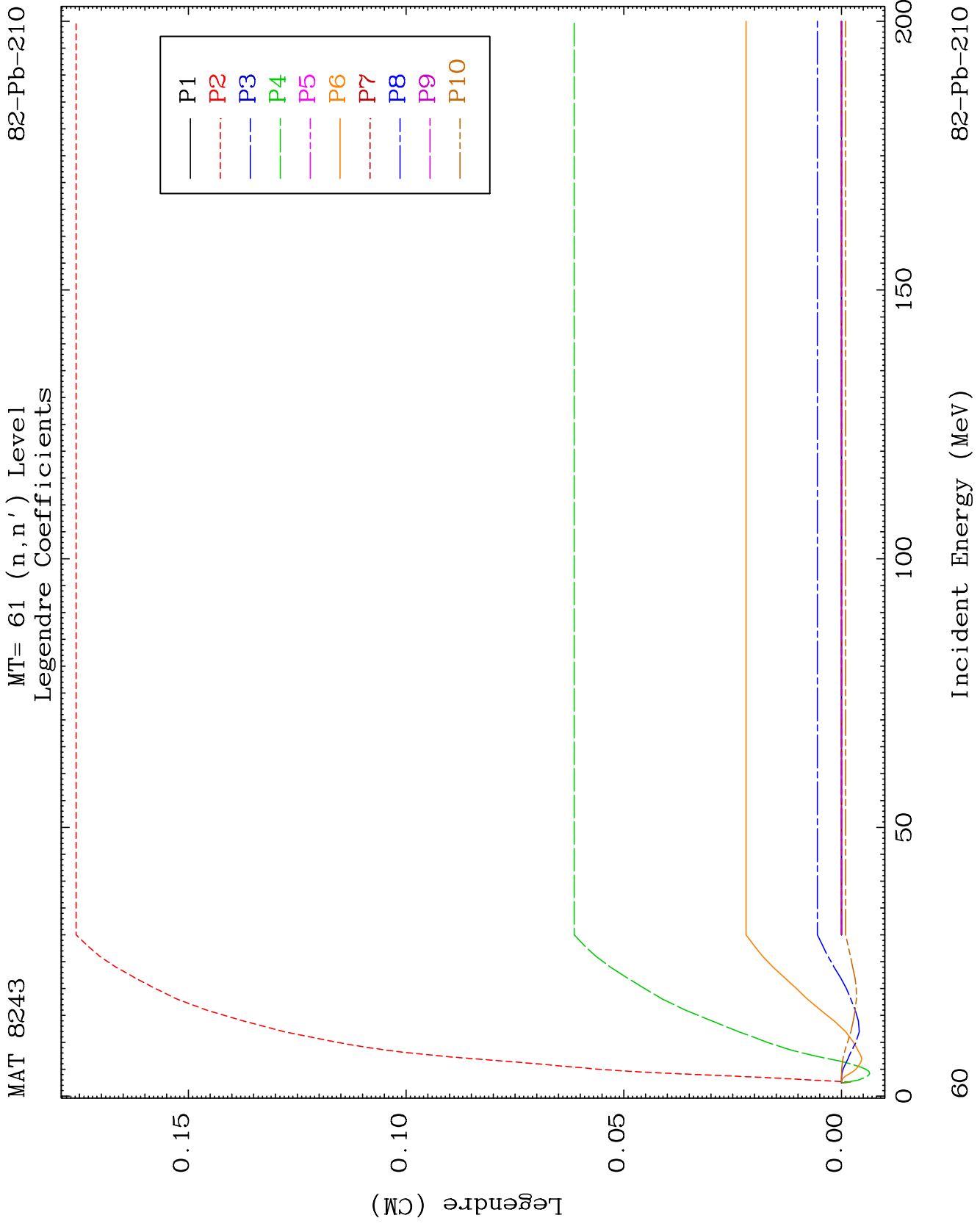
82-Pb-210



59

Incident Energy (MeV)

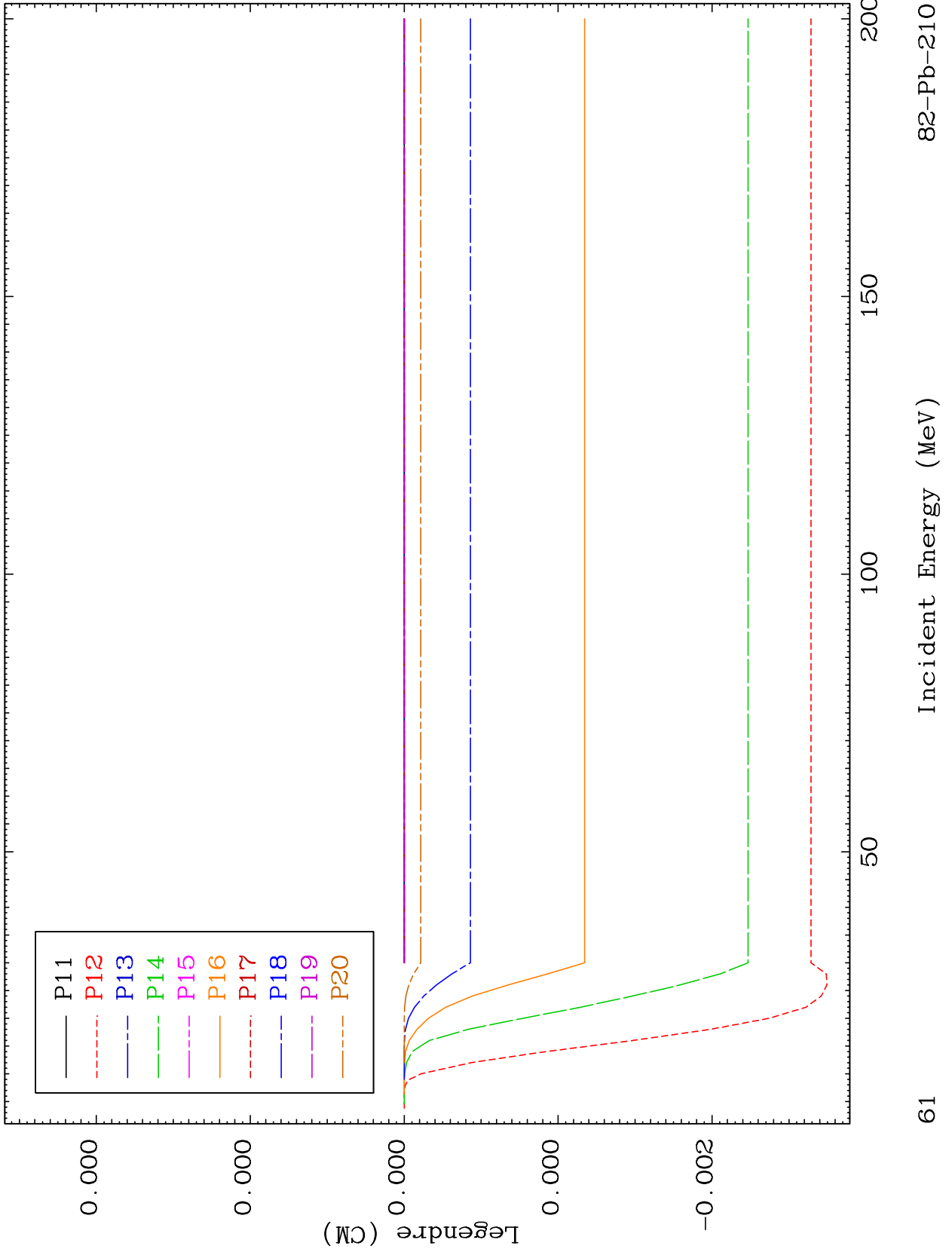
82-Pb-210

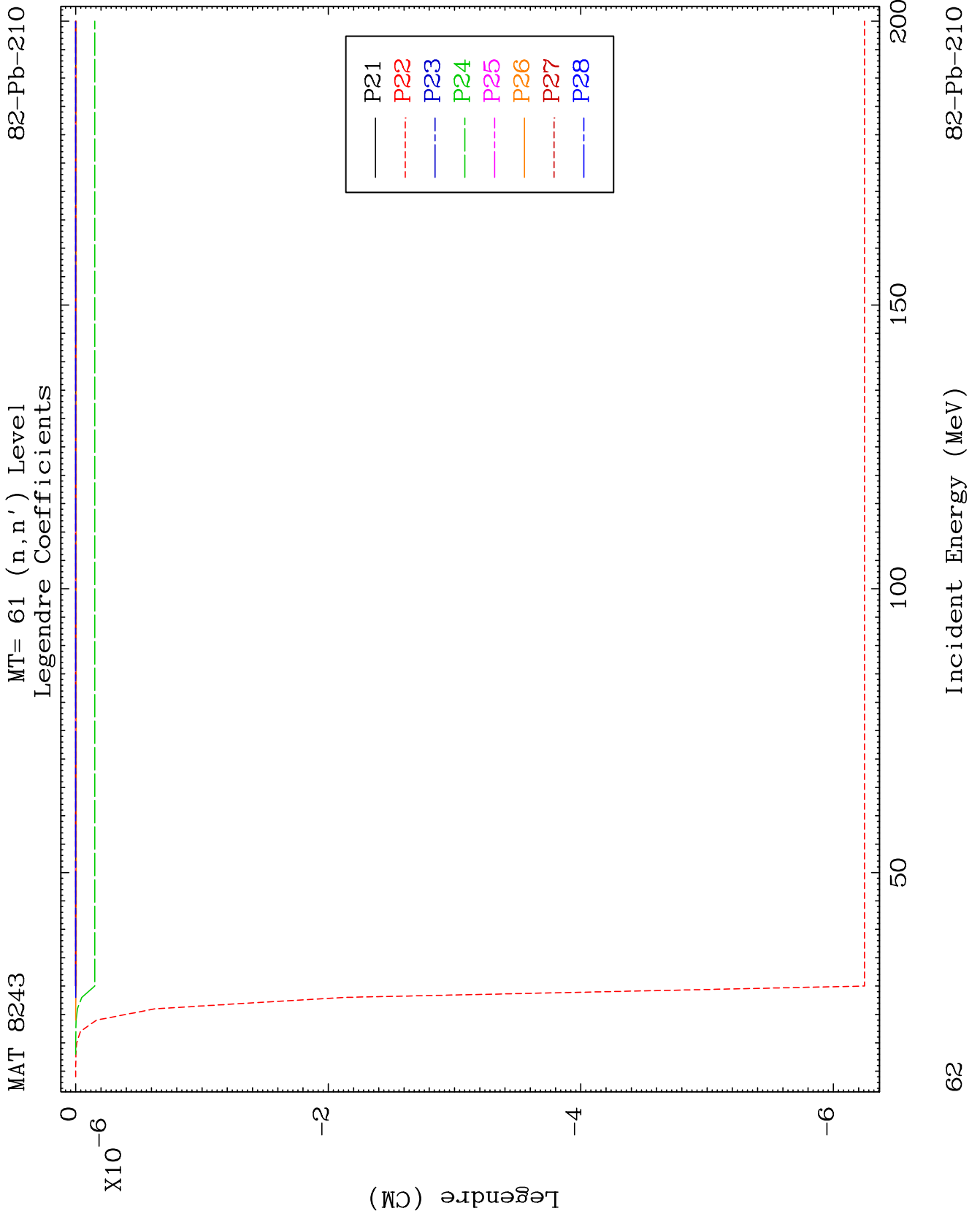


MAT 8243

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

82-Pb-210





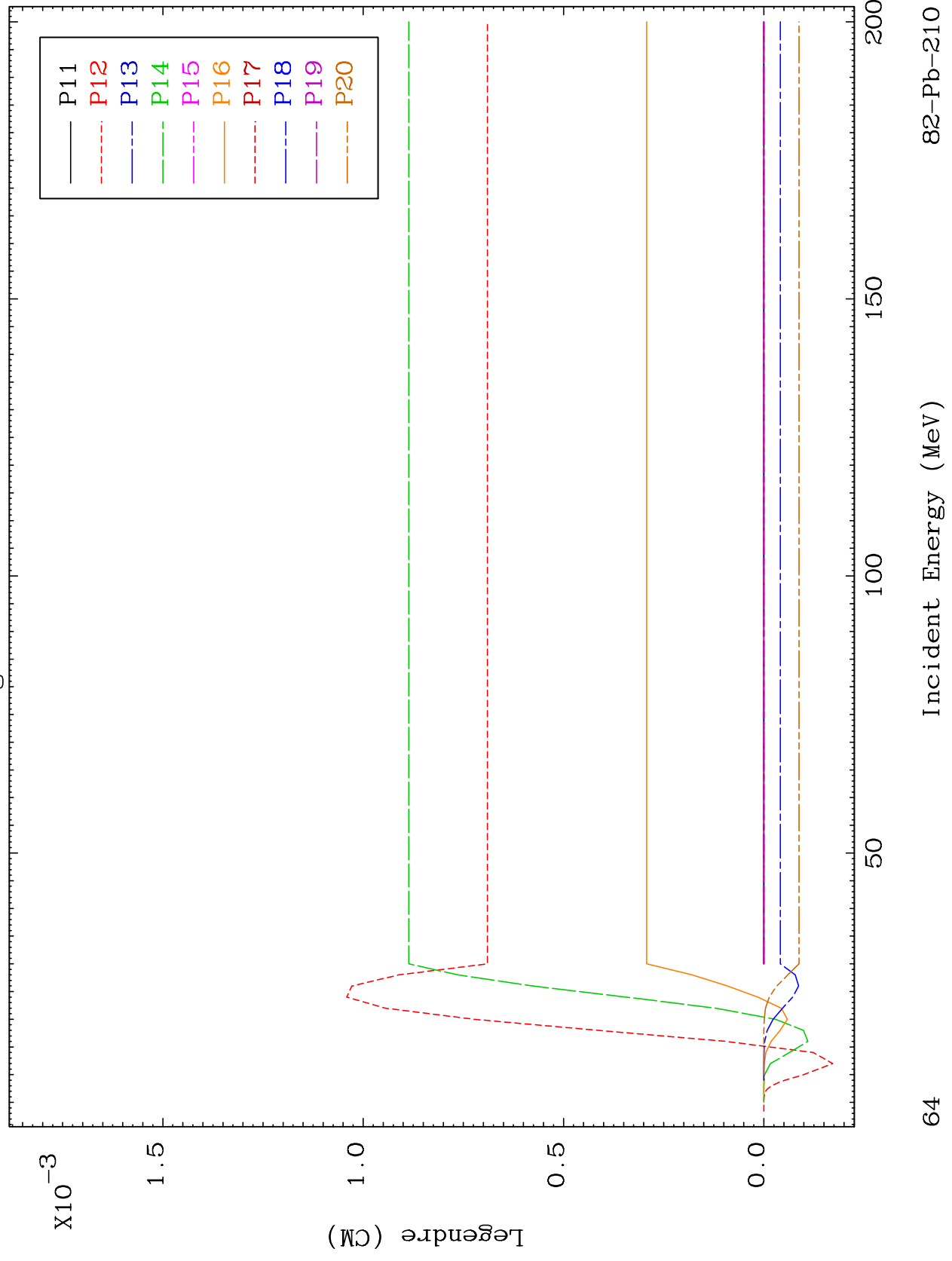




MAT 8243

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

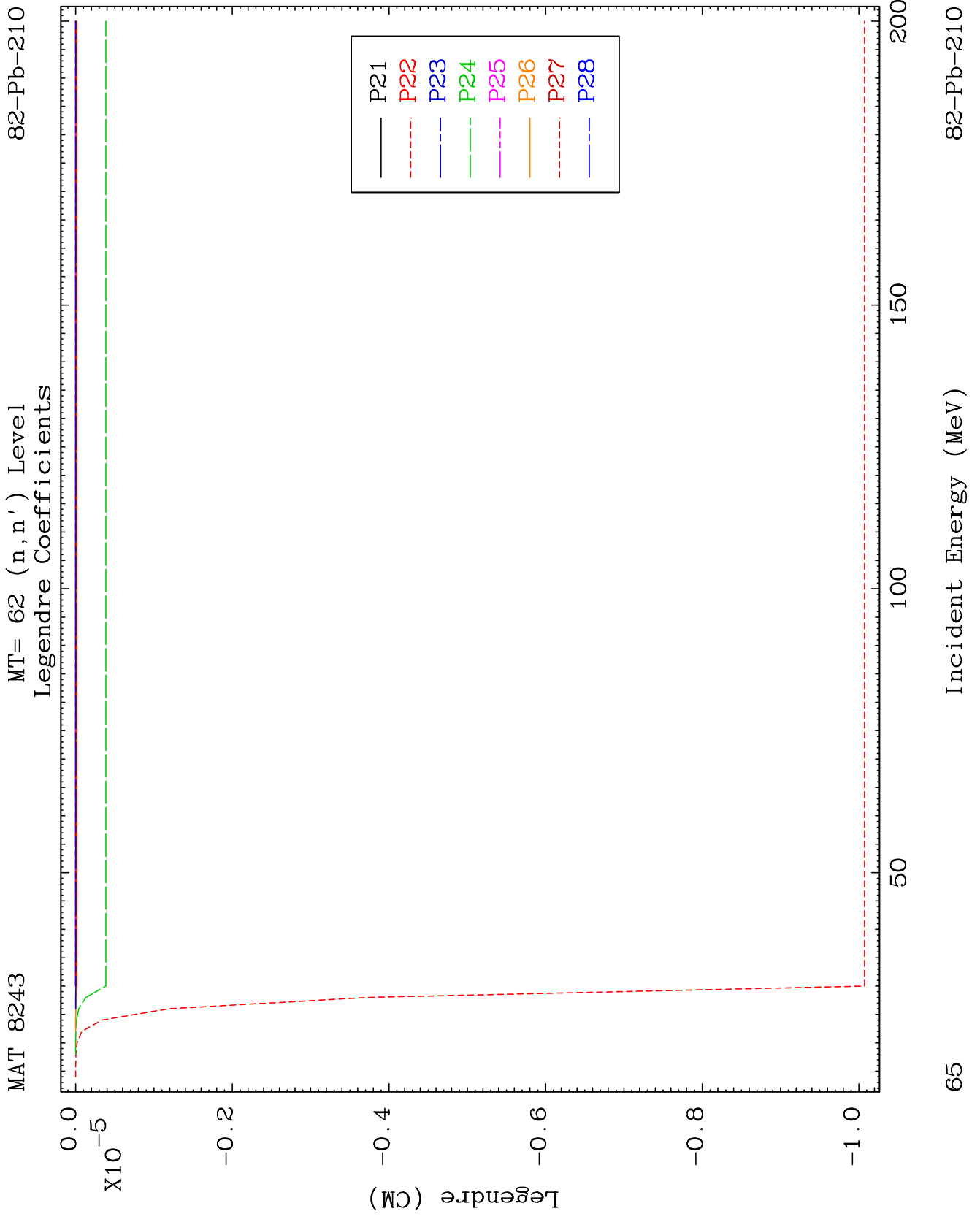
82-Pb-210



64

Incident Energy (MeV)

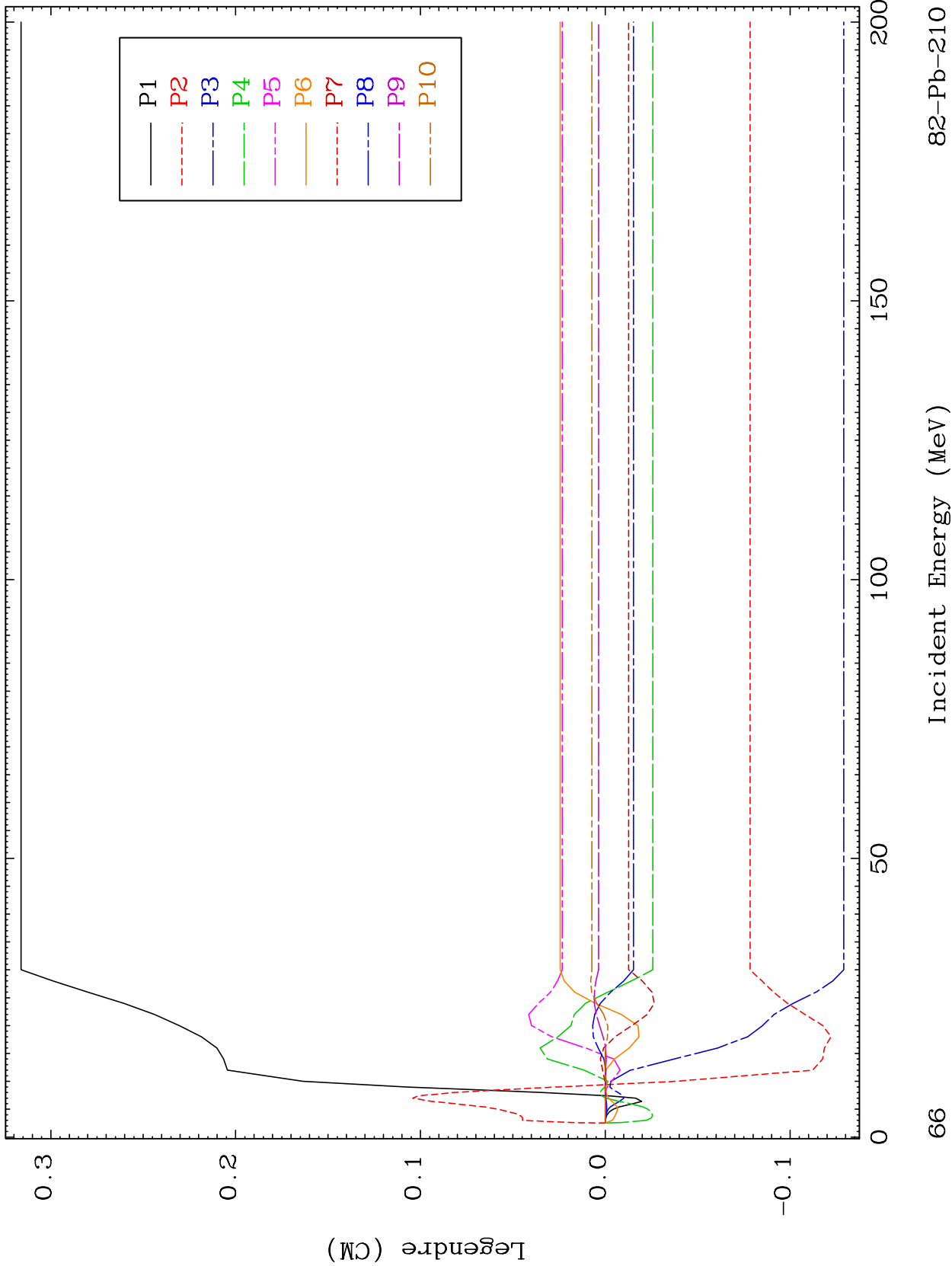
82-Pb-210



MAT 8243

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

82-Pb-210



66

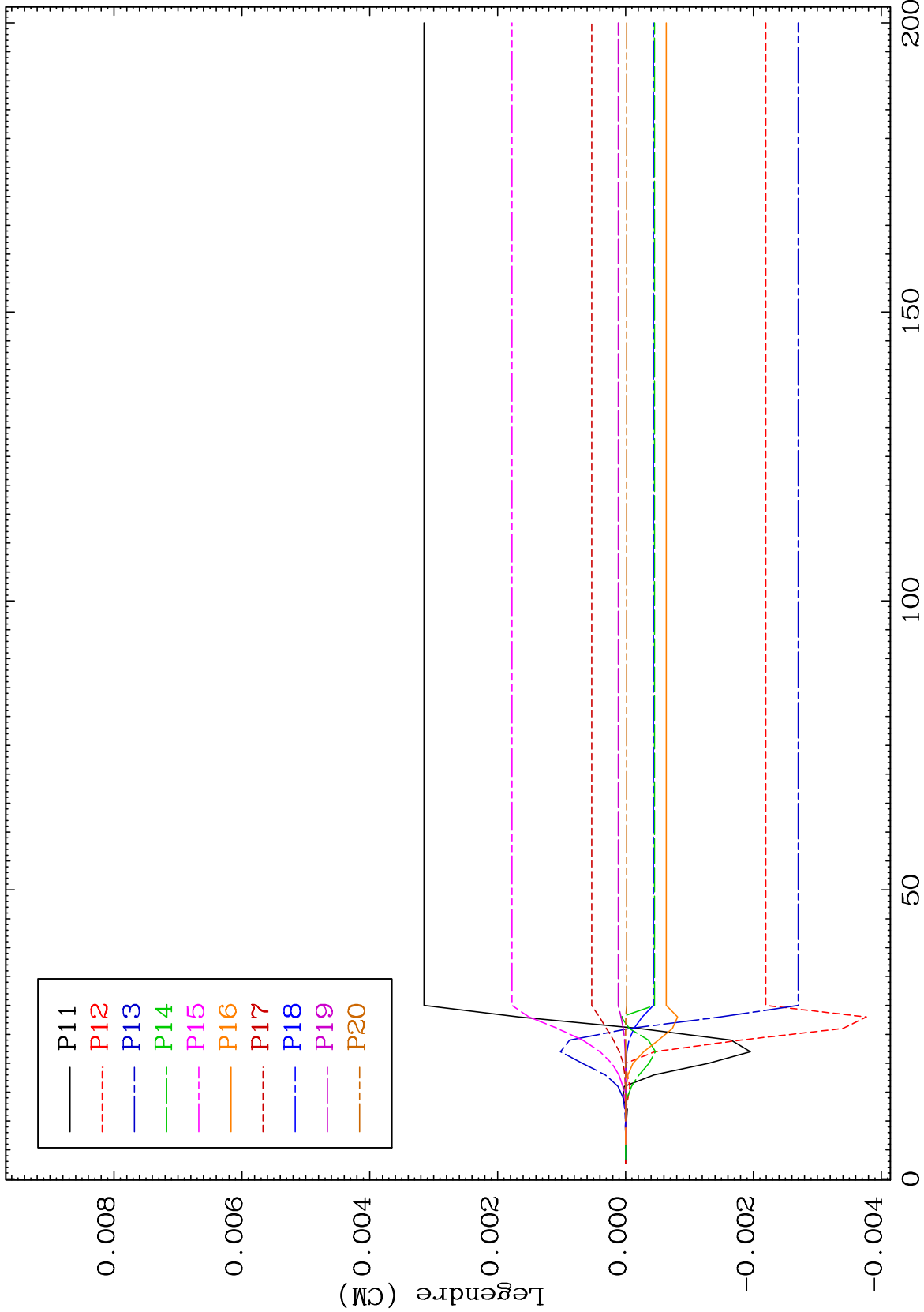
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



67

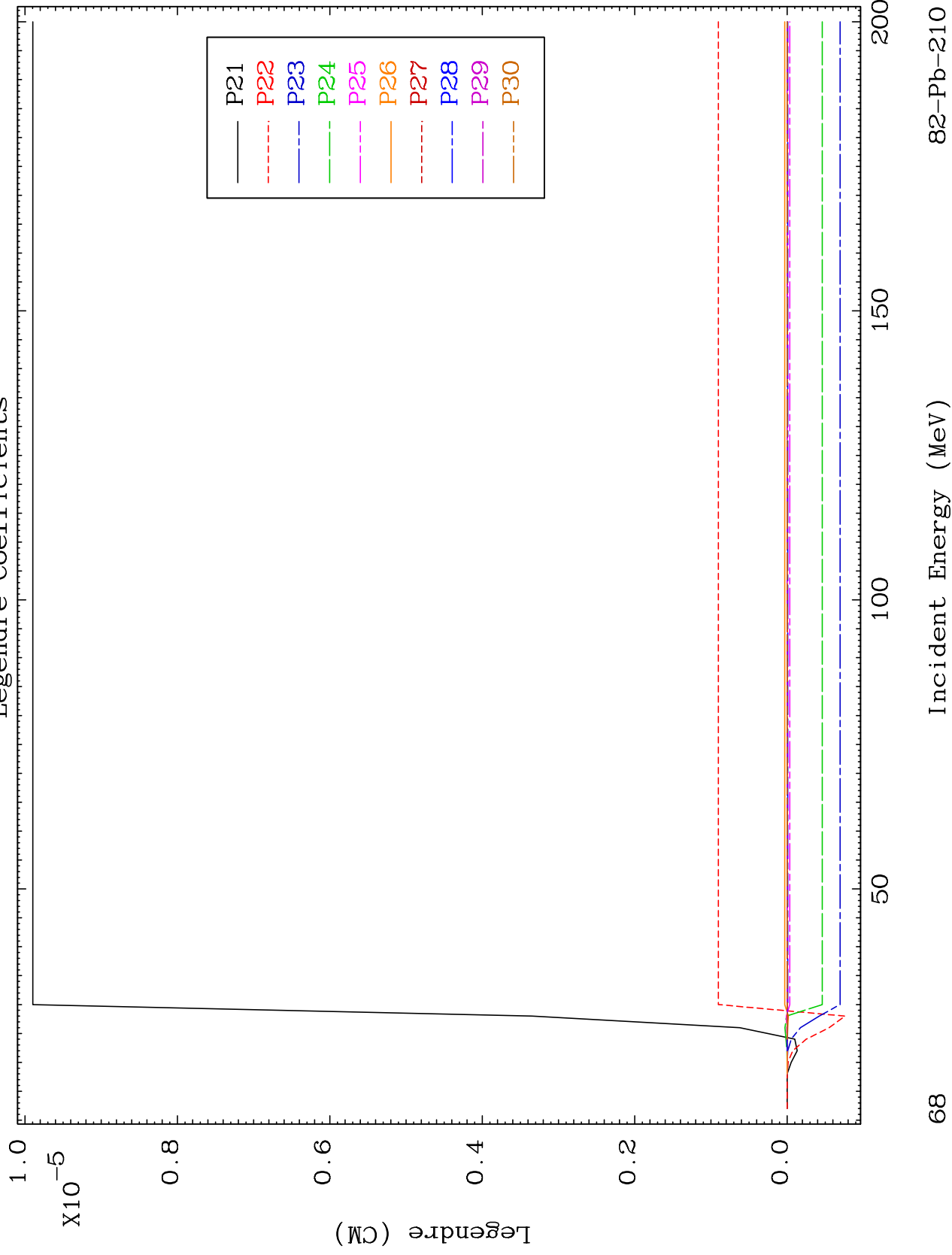
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

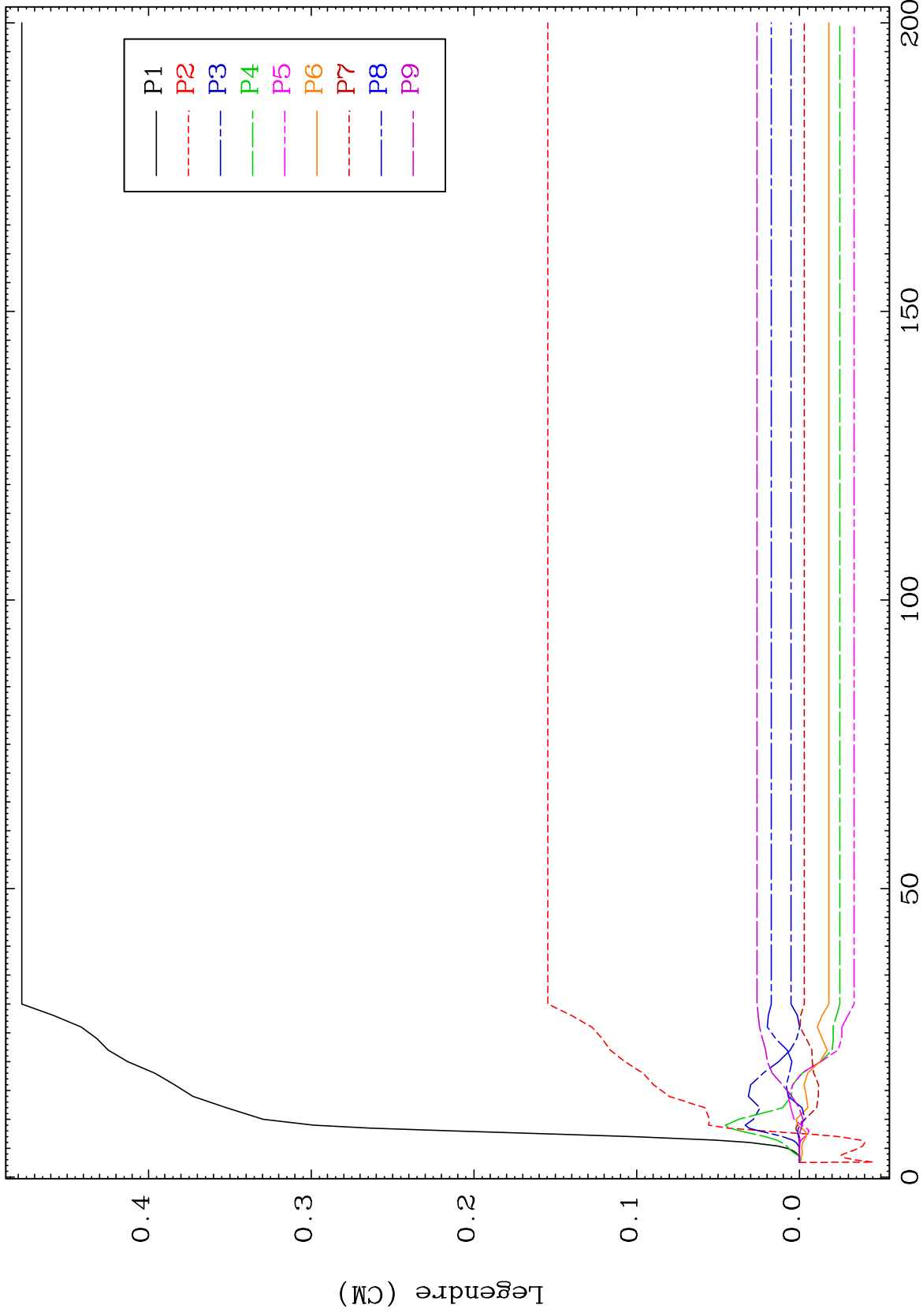
82-Pb-210



MAT 8243

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

82-Pb-210



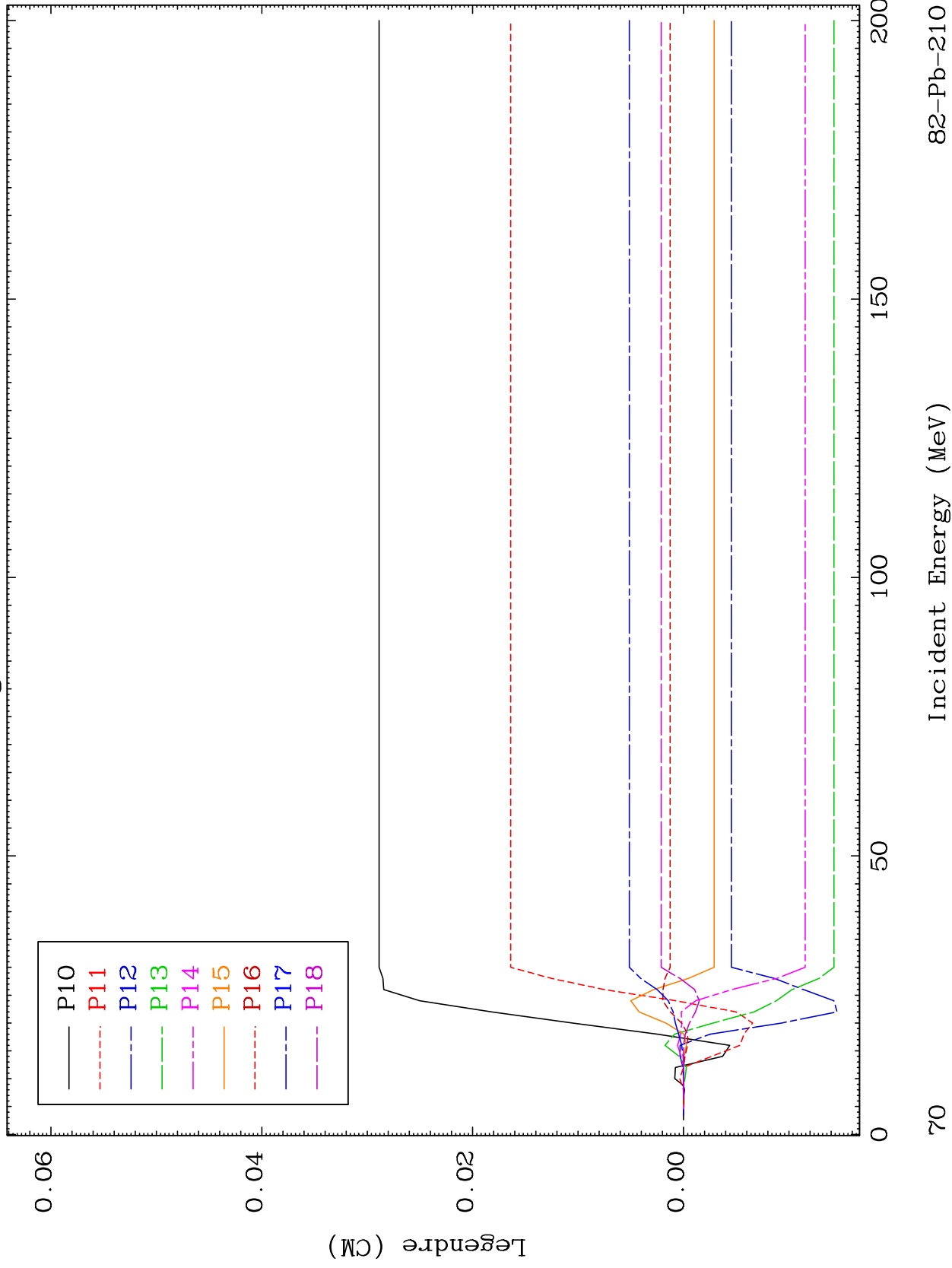
69

82-Pb-210

MAT 8243

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

82-Pb-210



82-Pb-210

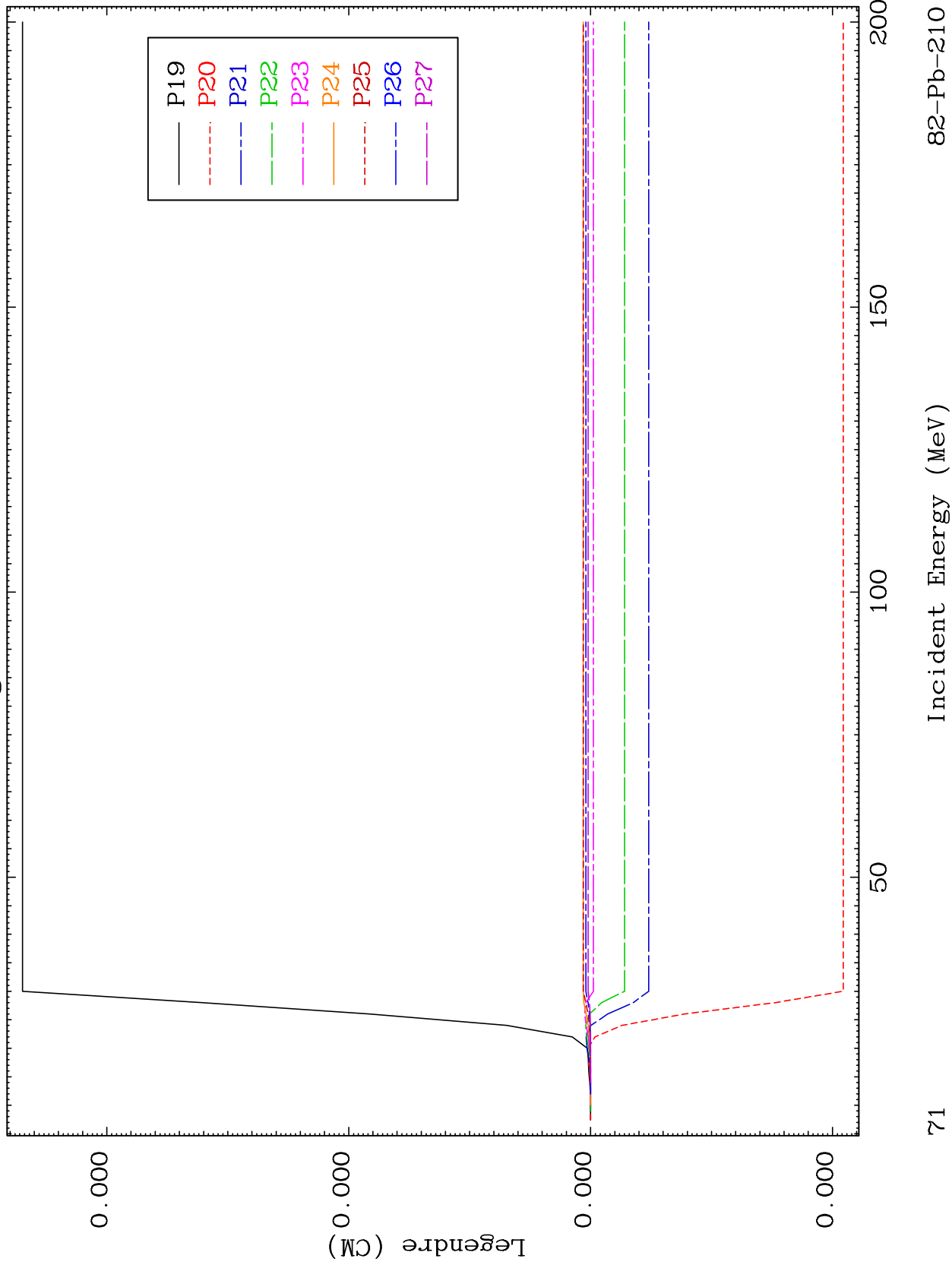
Incident Energy (MeV)

70

MAT 8243

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

82-Pb-210



71

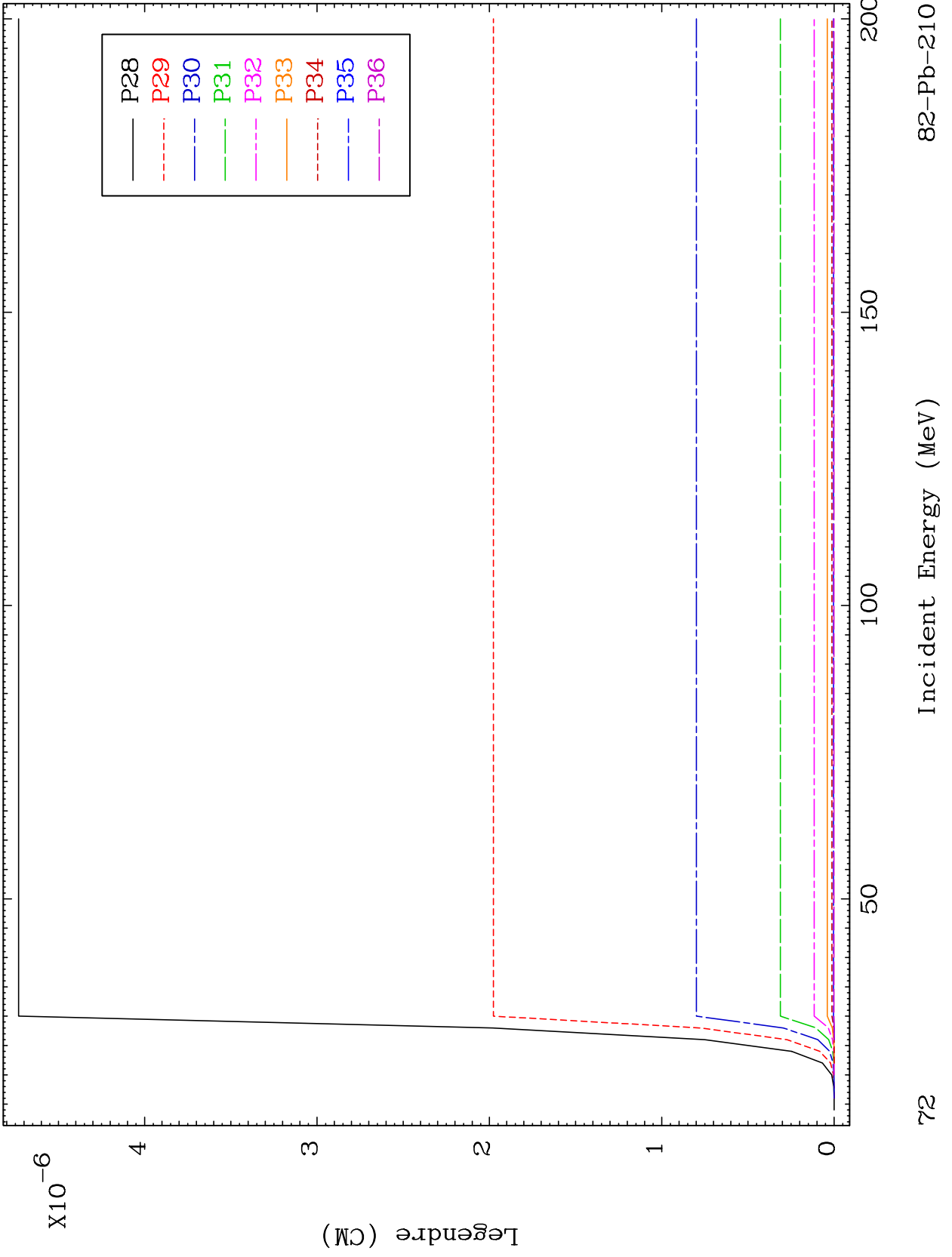
82-Pb-210



MAT 8243

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

82-Pb-210

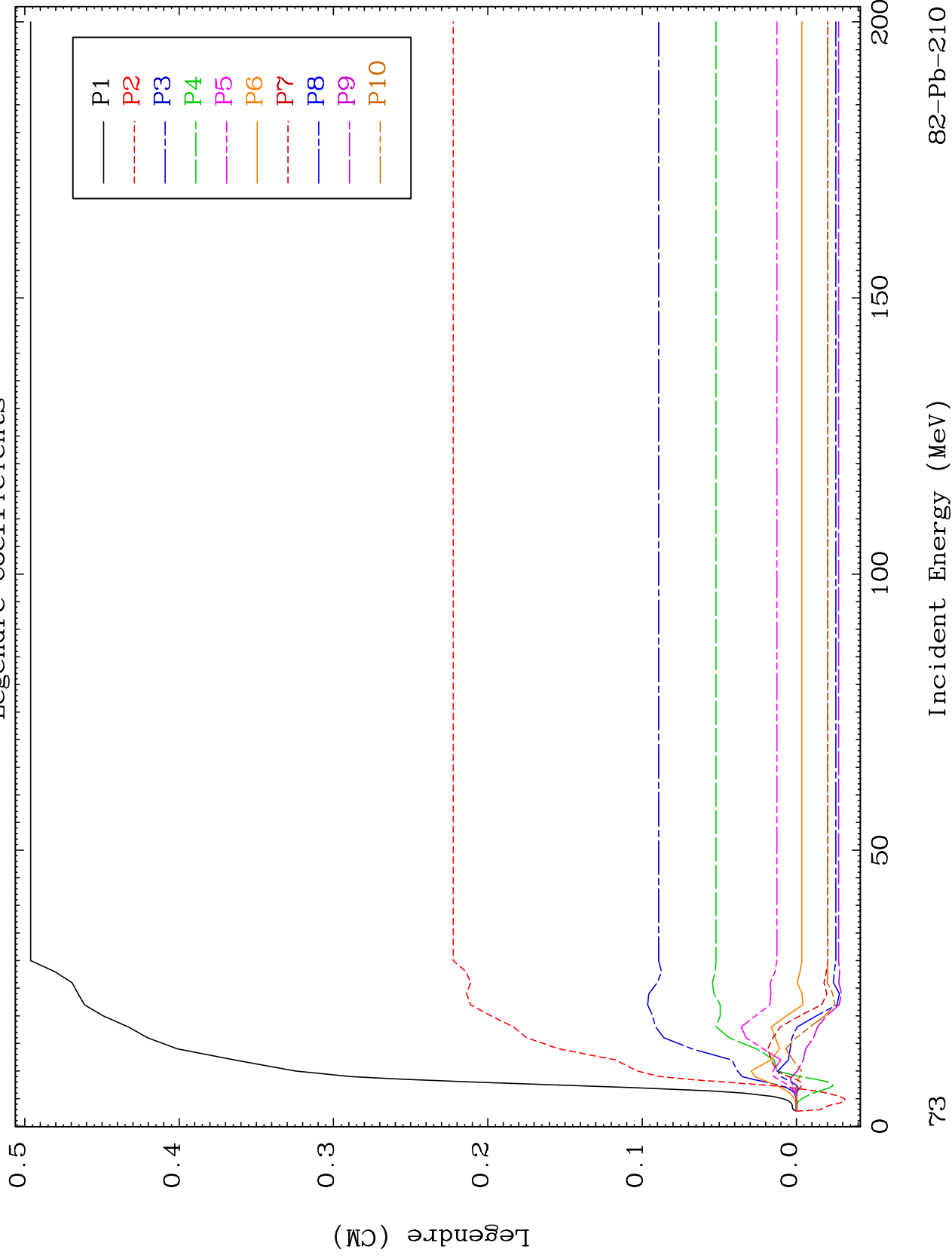


72

MAT 8243

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

82-Pb-210



73

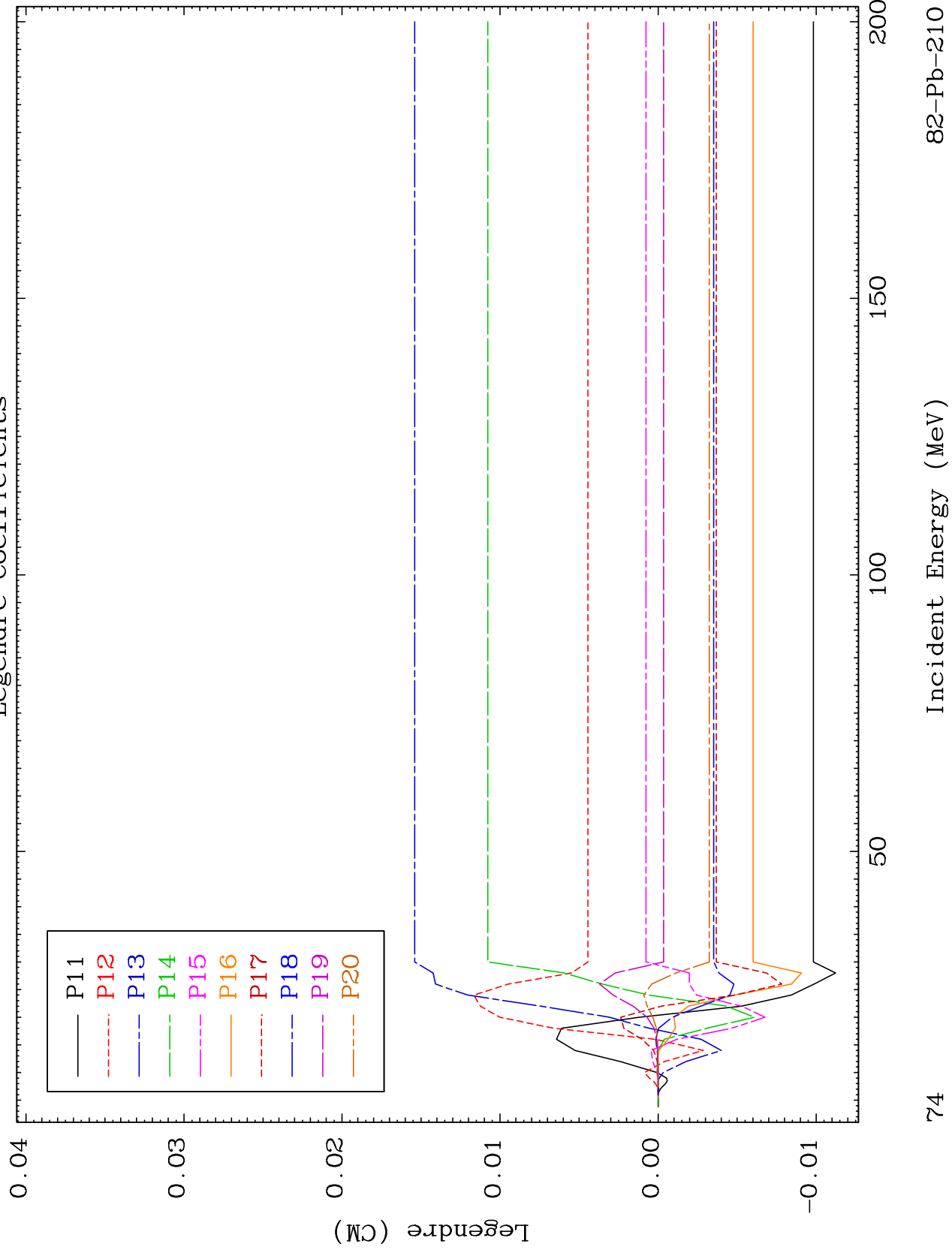
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

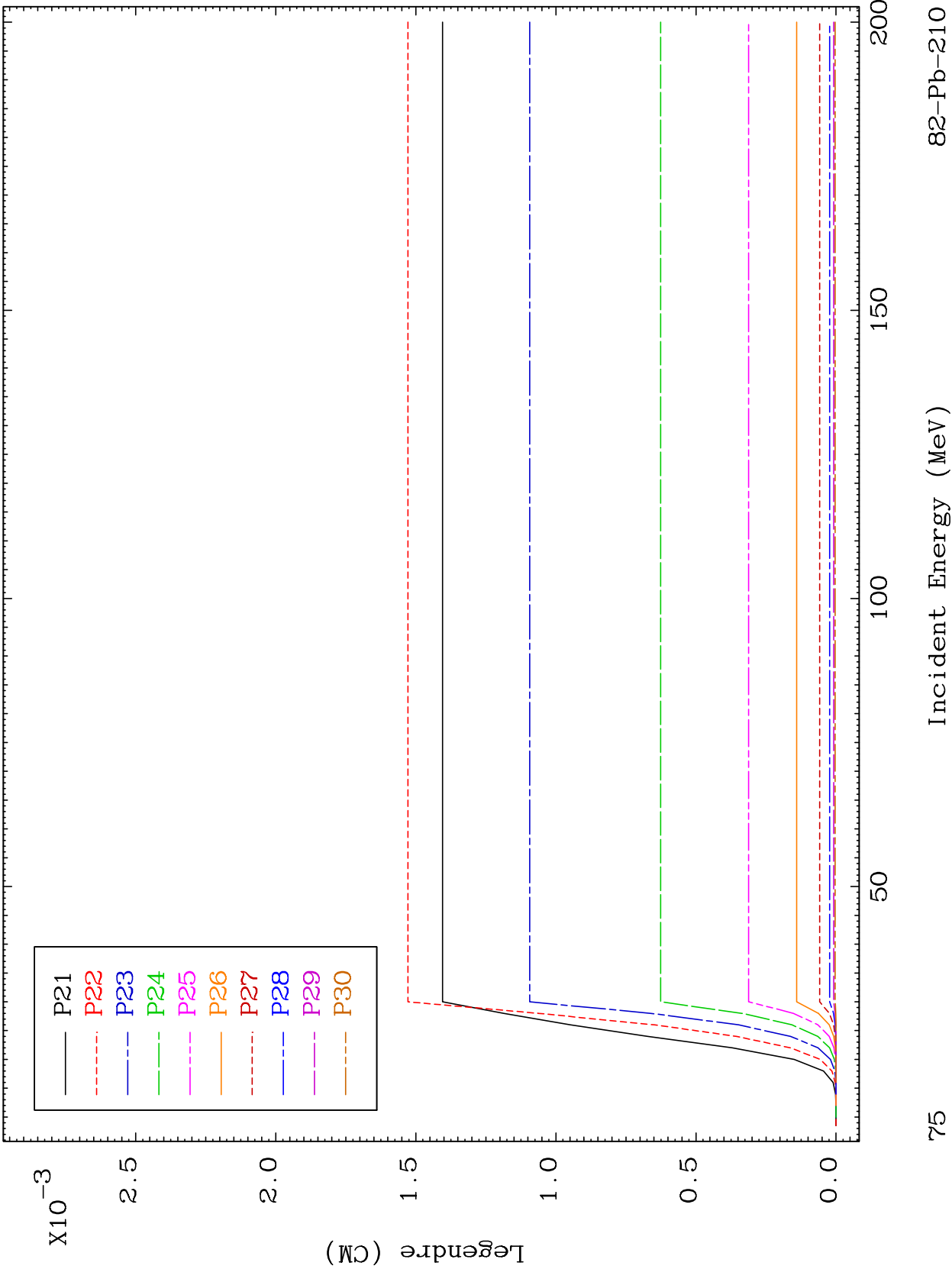
82-Pb-210



MAT 8243

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

82-Pb-210



75

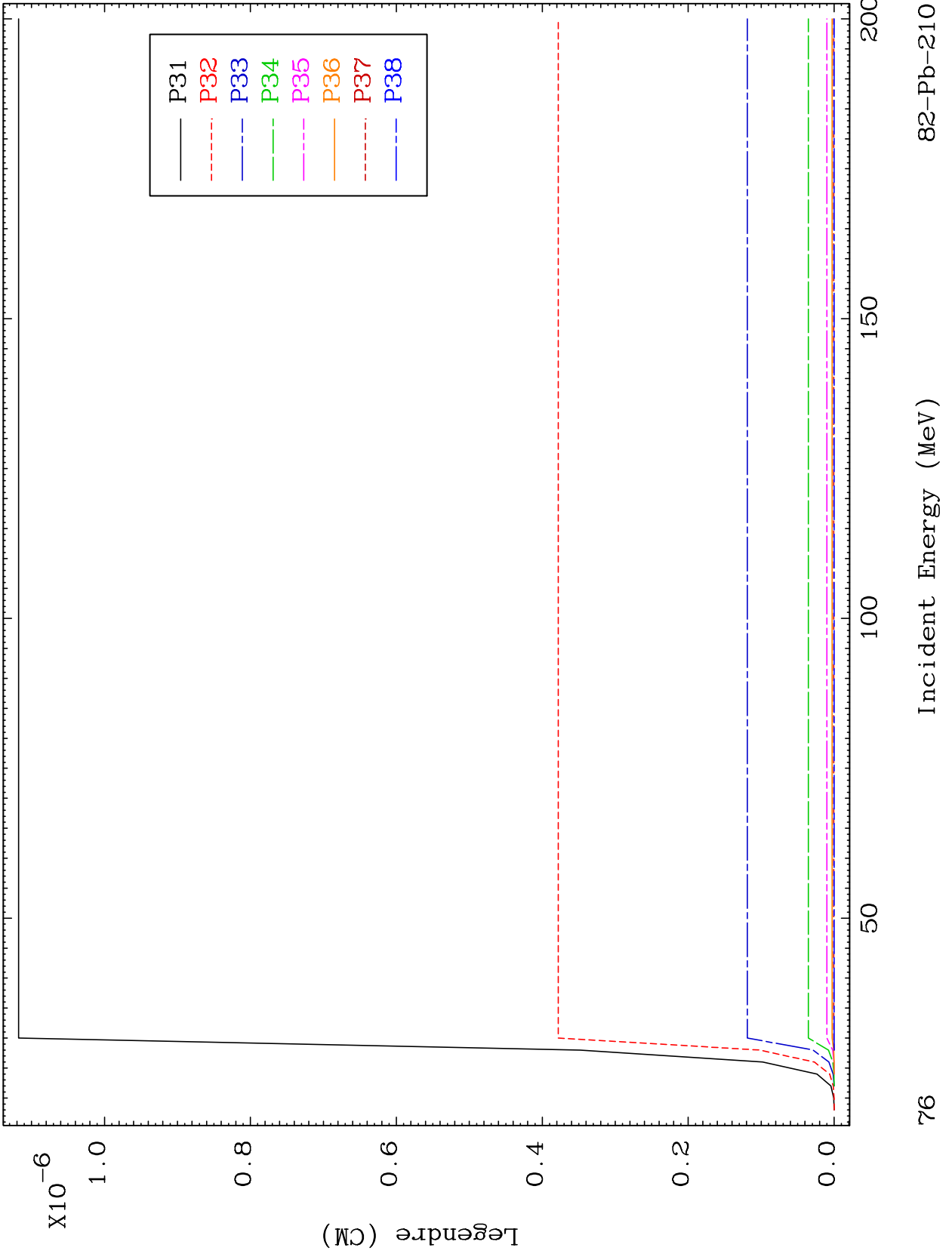
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



76

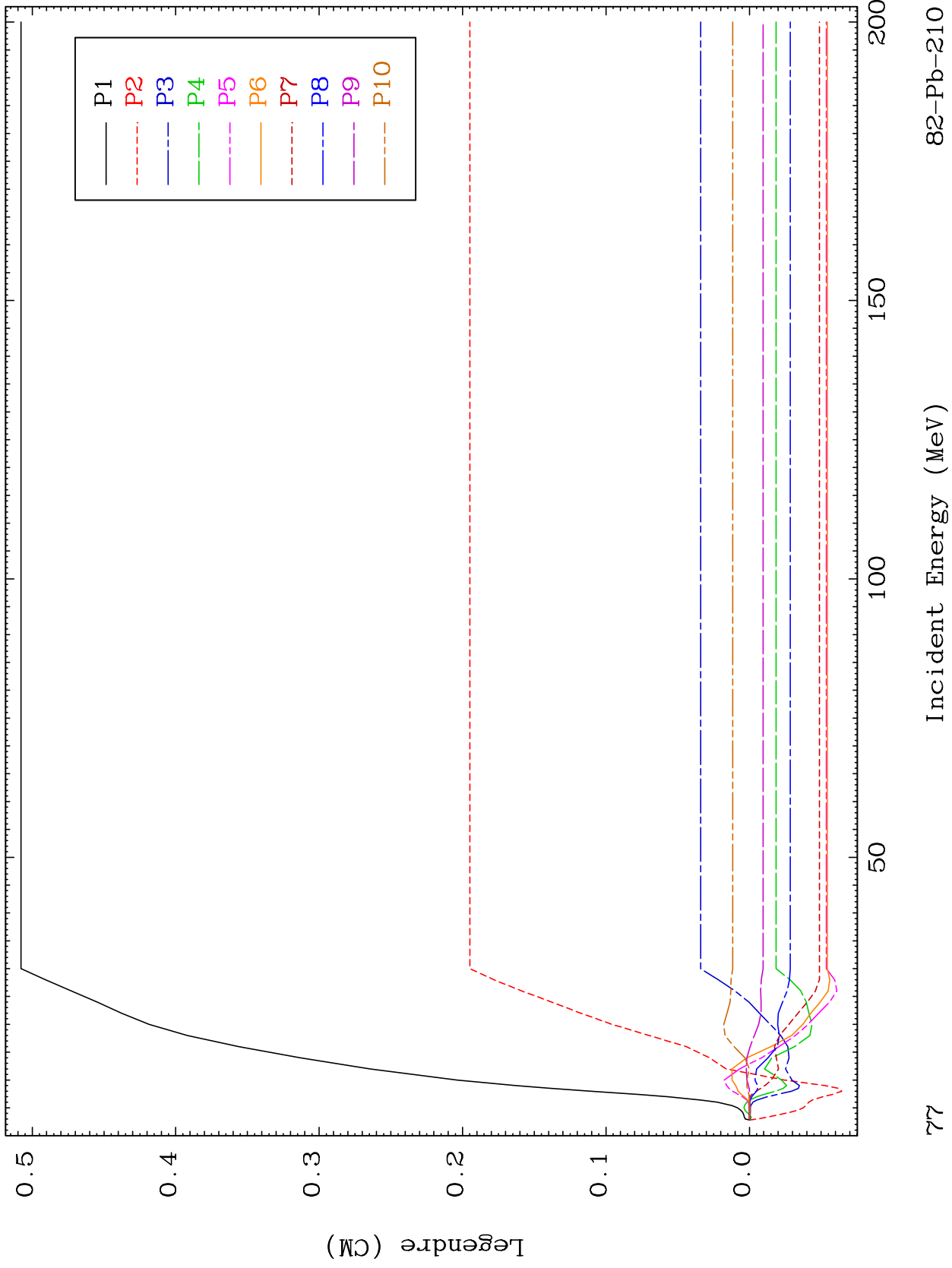
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

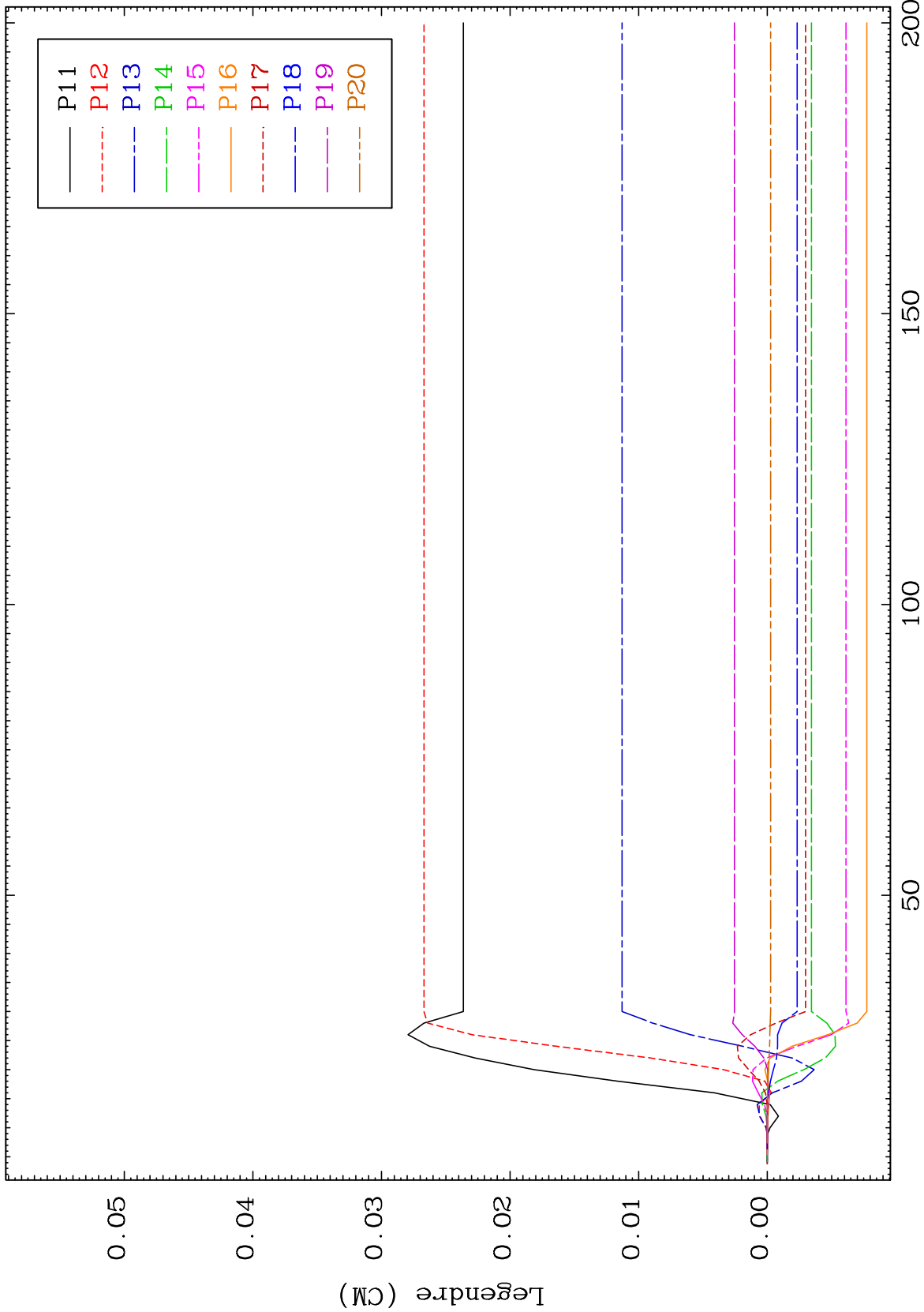
82-Pb-210



MAT 8243

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

82-Pb-210



78

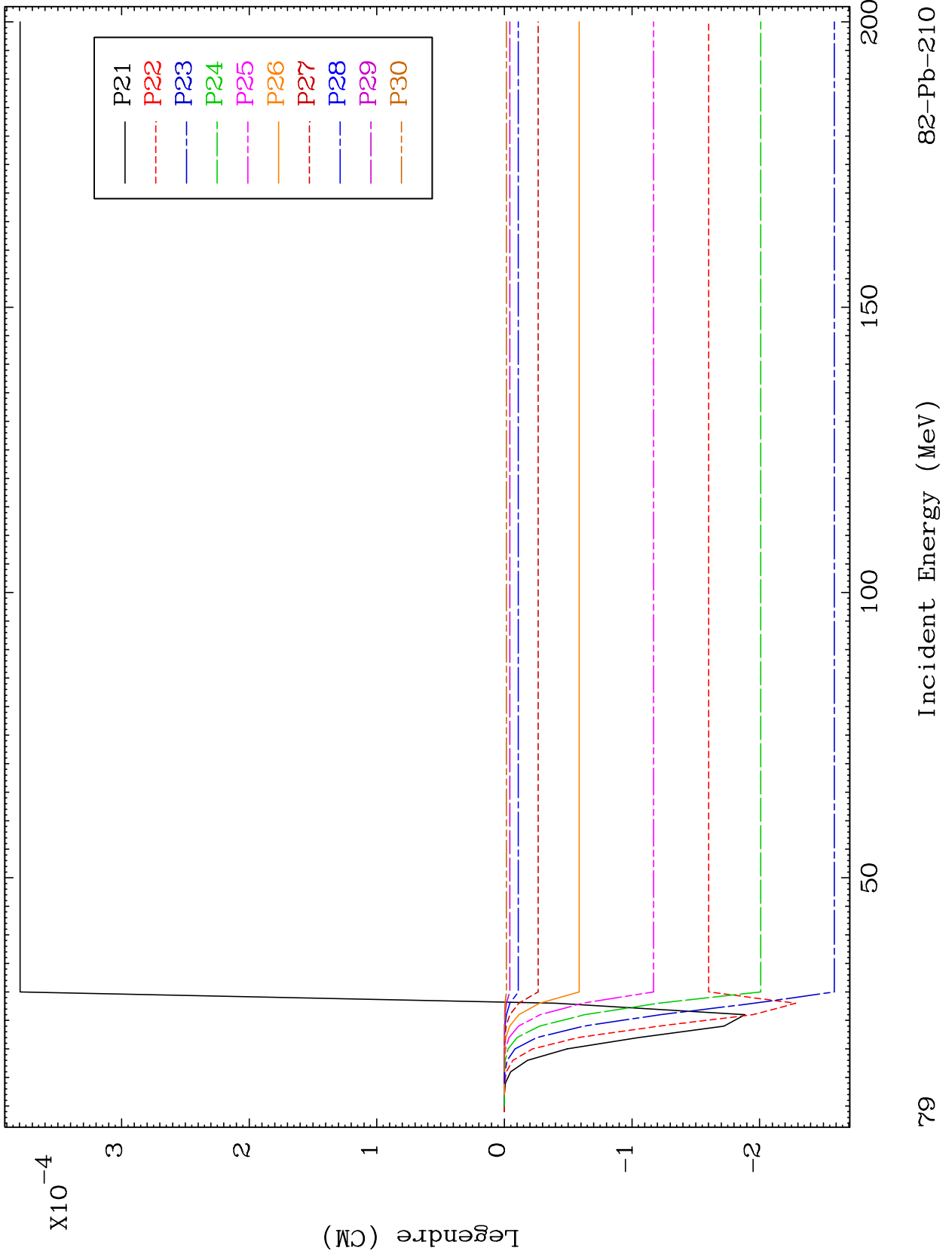
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



79

82-Pb-210

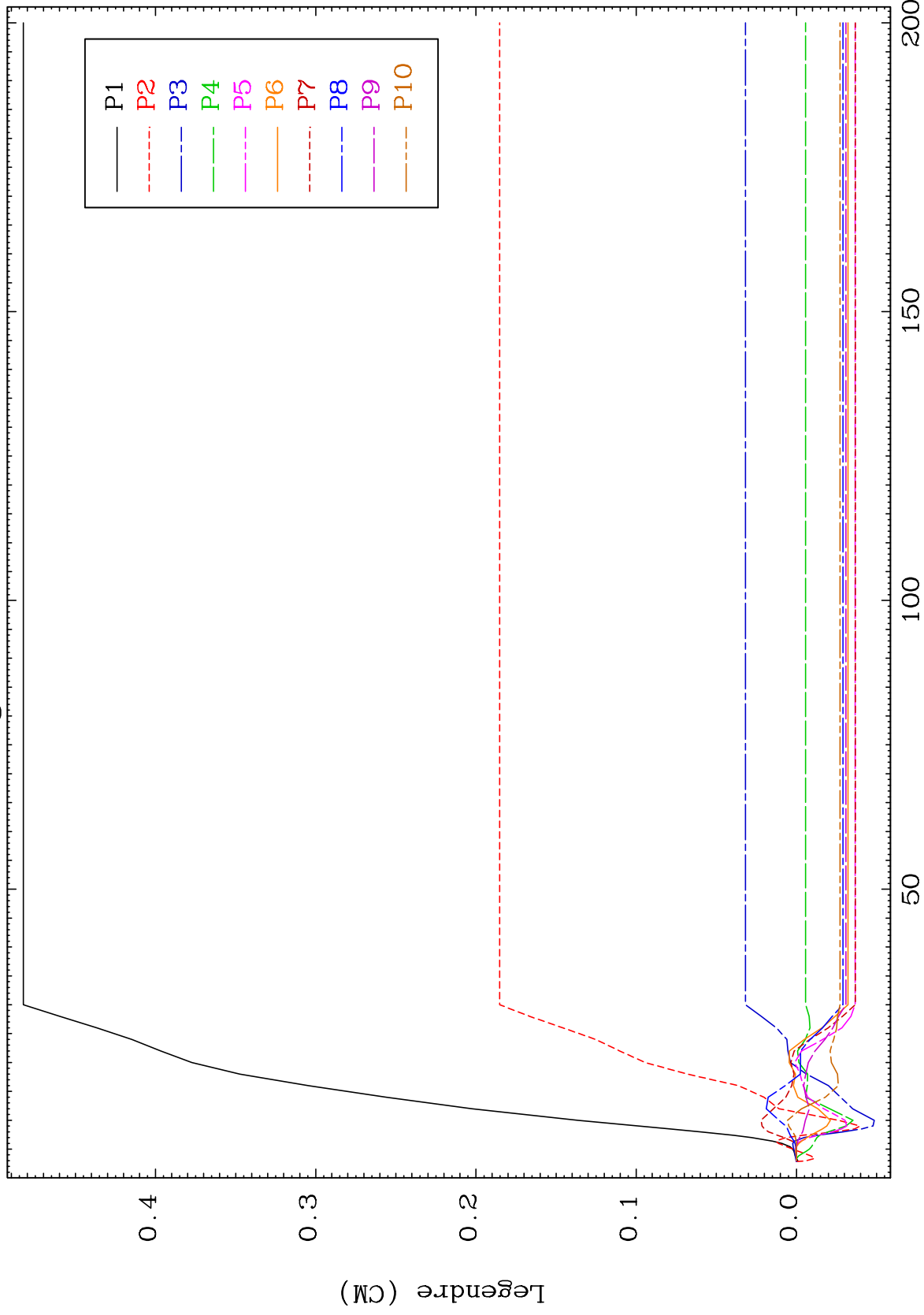




MAT 8243

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

82-Pb-210



81

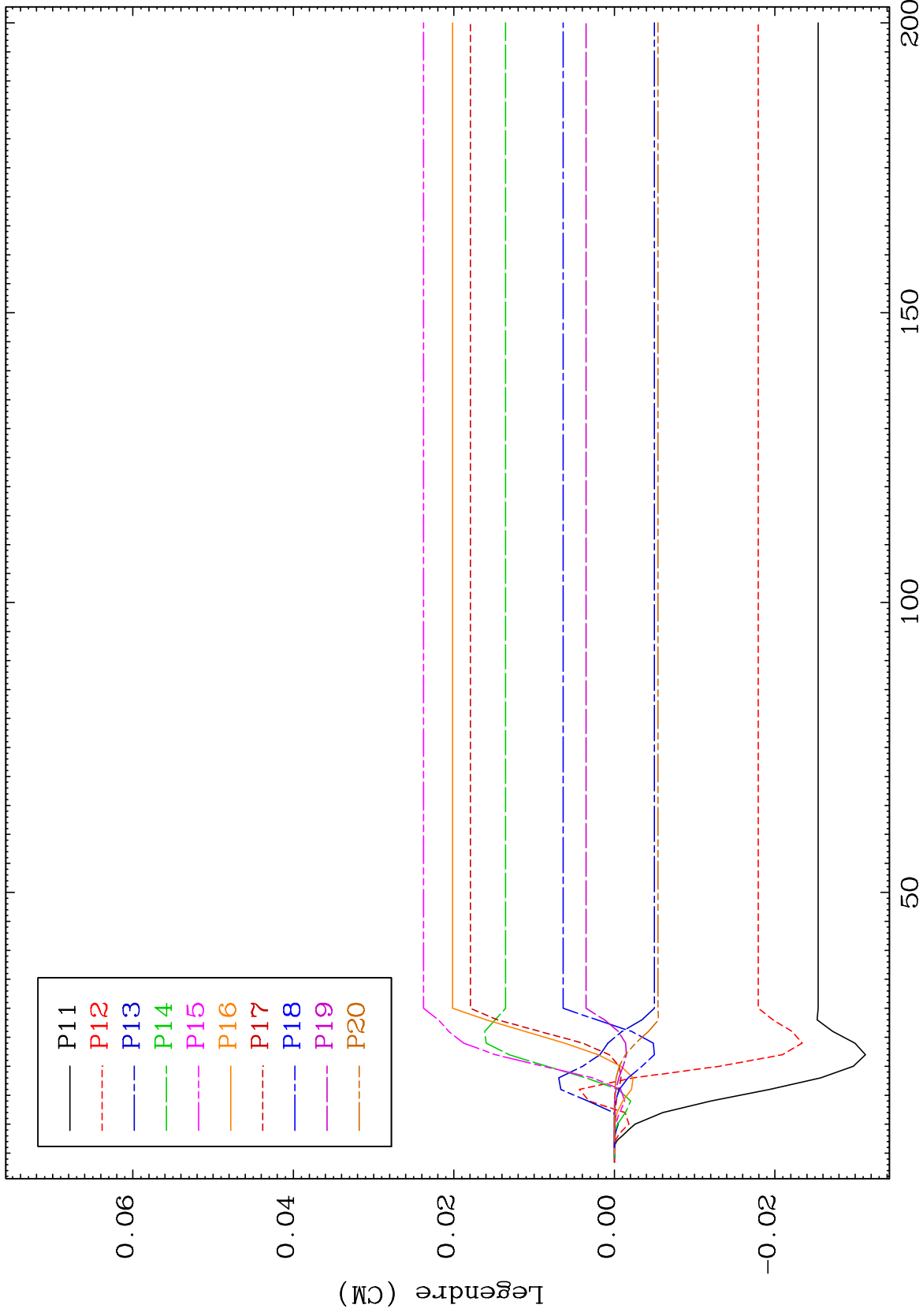
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



82

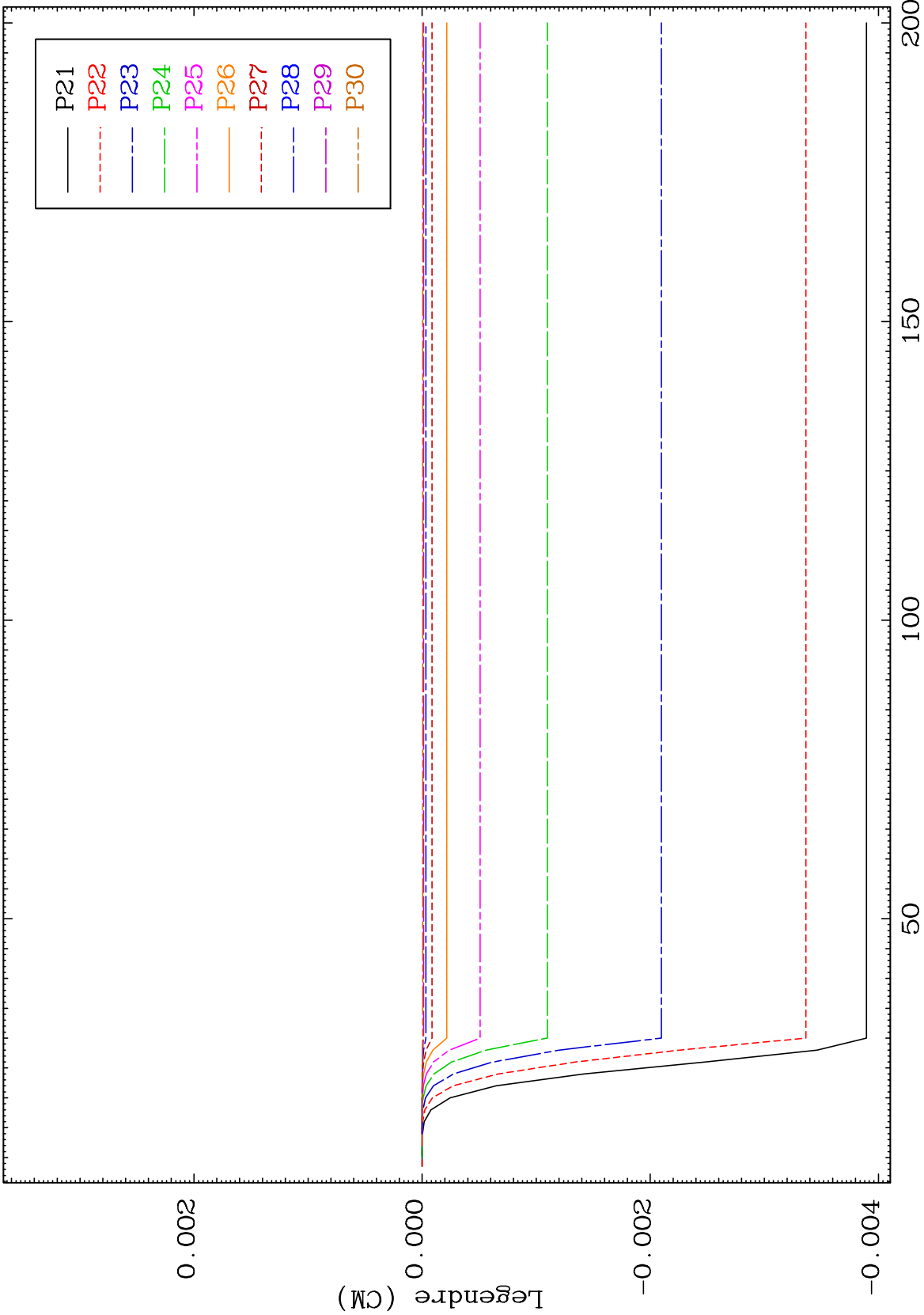
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

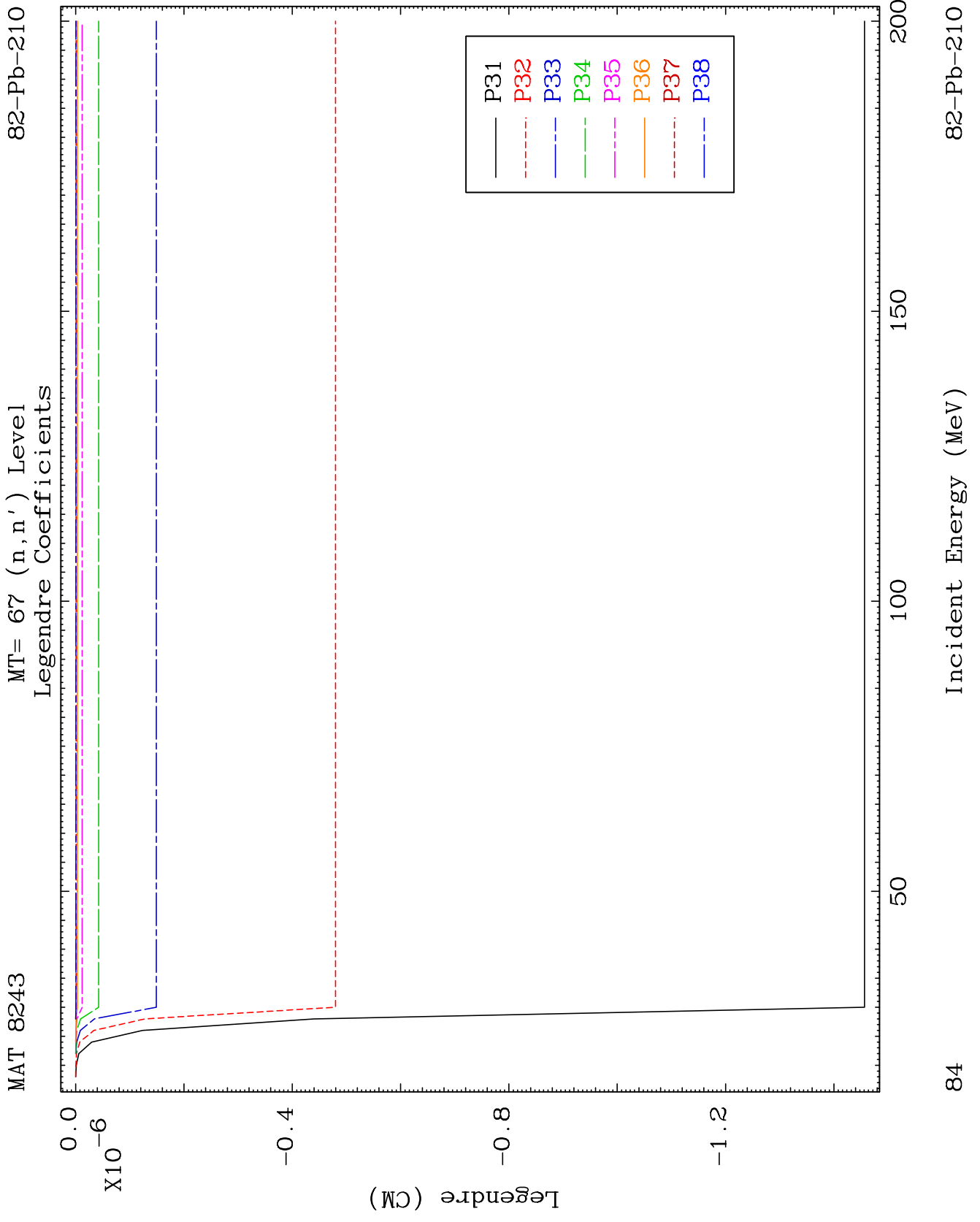
82-Pb-210

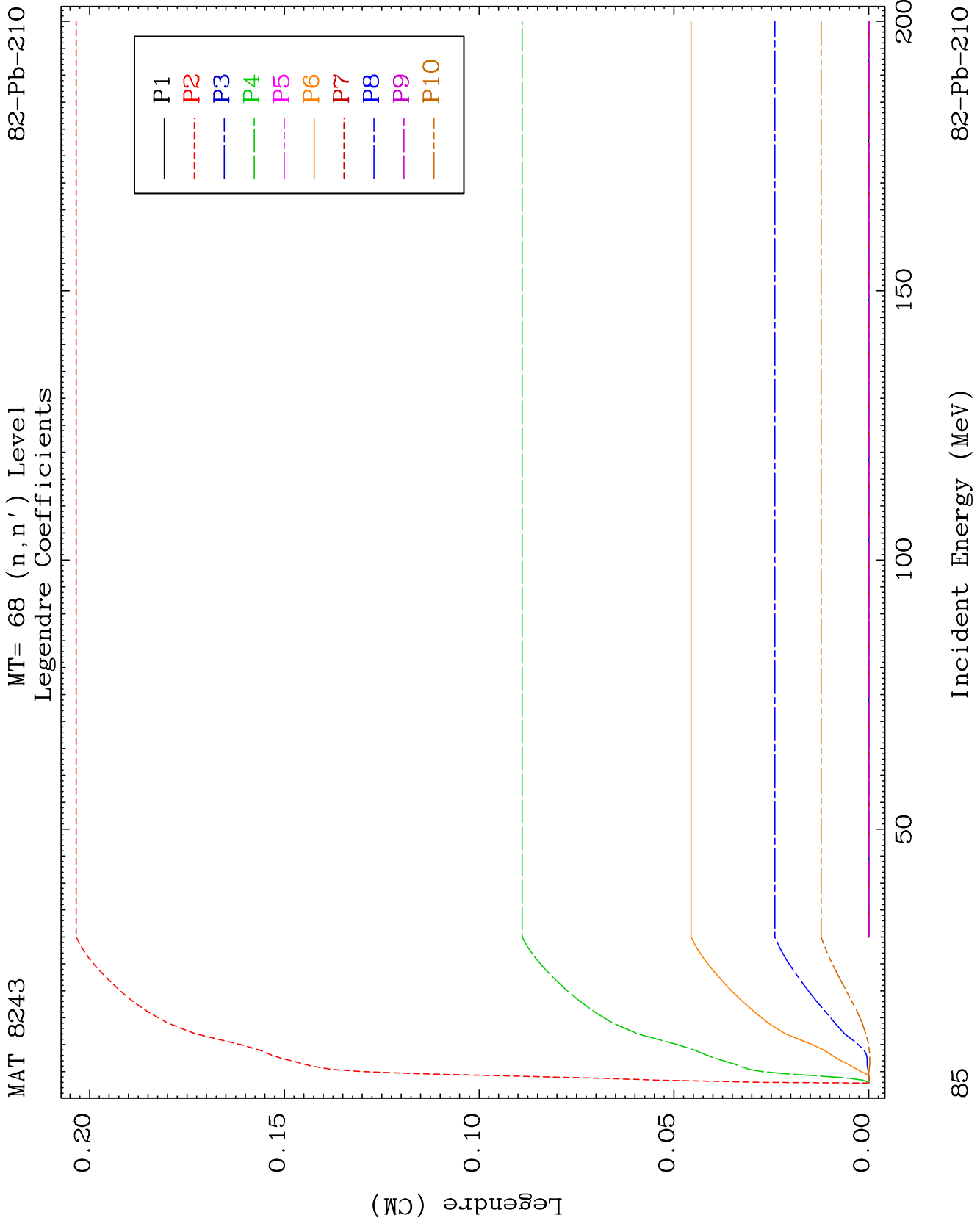


83

Incident Energy (MeV)

82-Pb-210

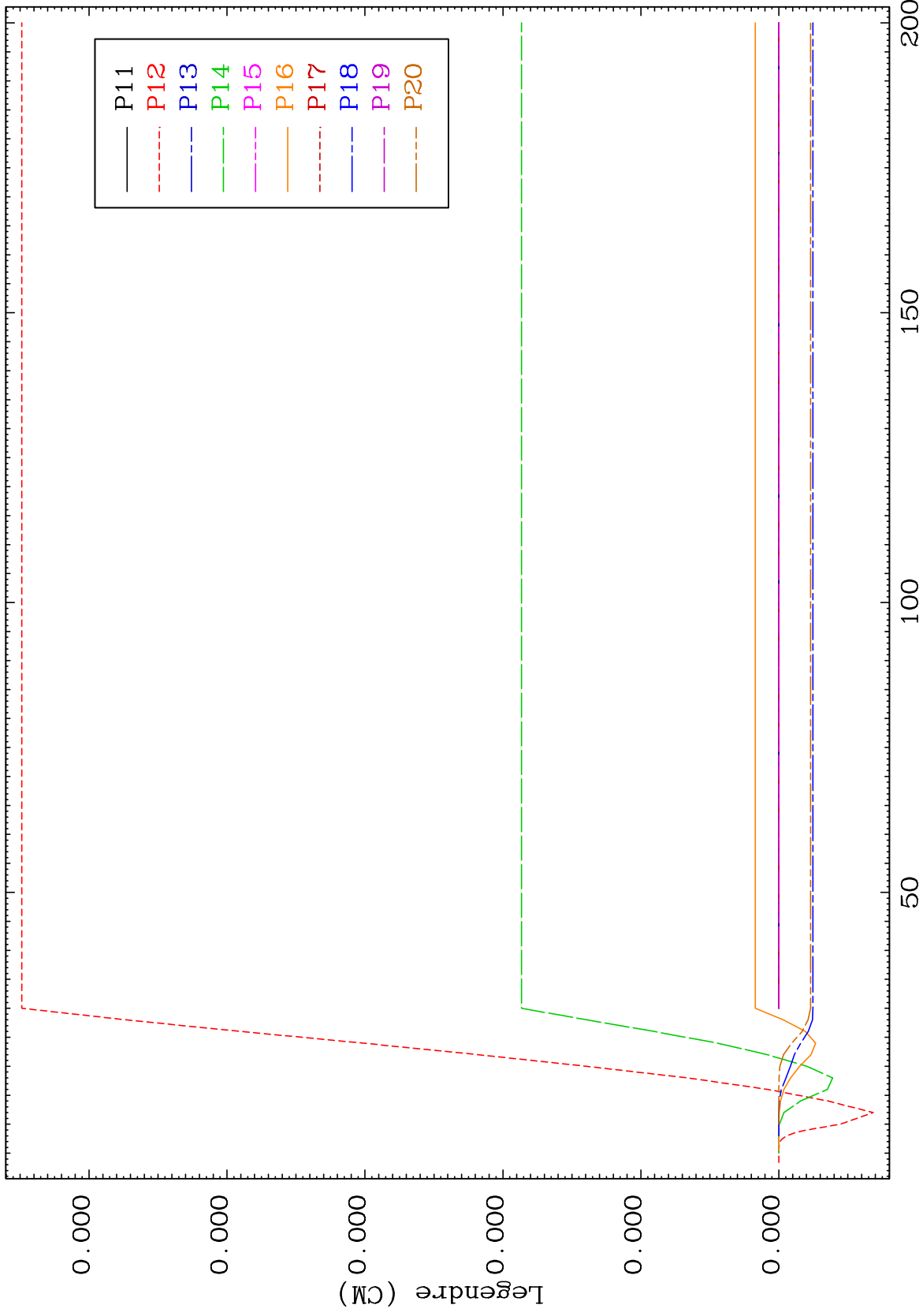




MAT 8243

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

82-Pb-210



86

Incident Energy (MeV)

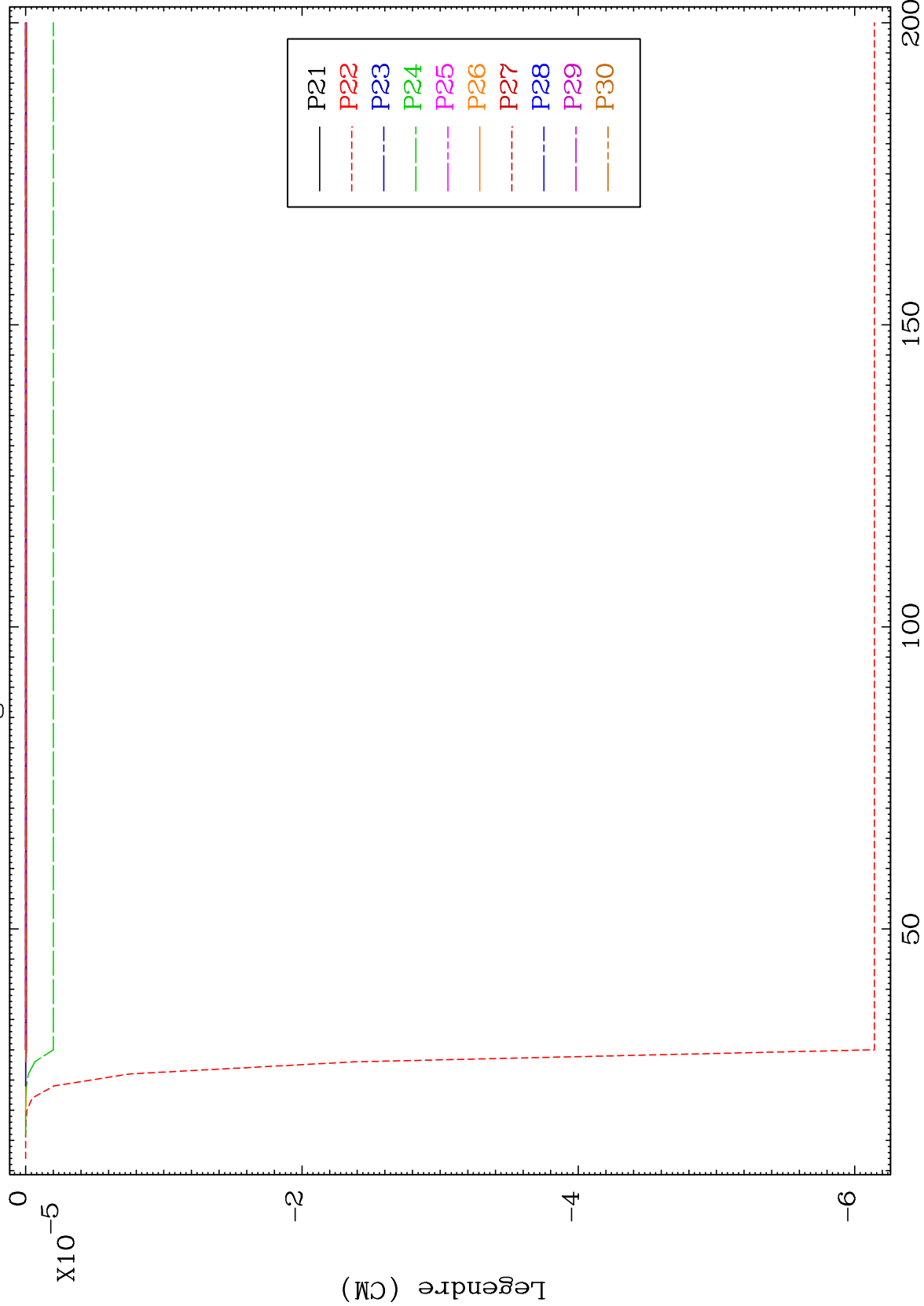
82-Pb-210

MAT 8243

MT= 68 (n,n') Level

82-Pb-210

Legendre Coefficients

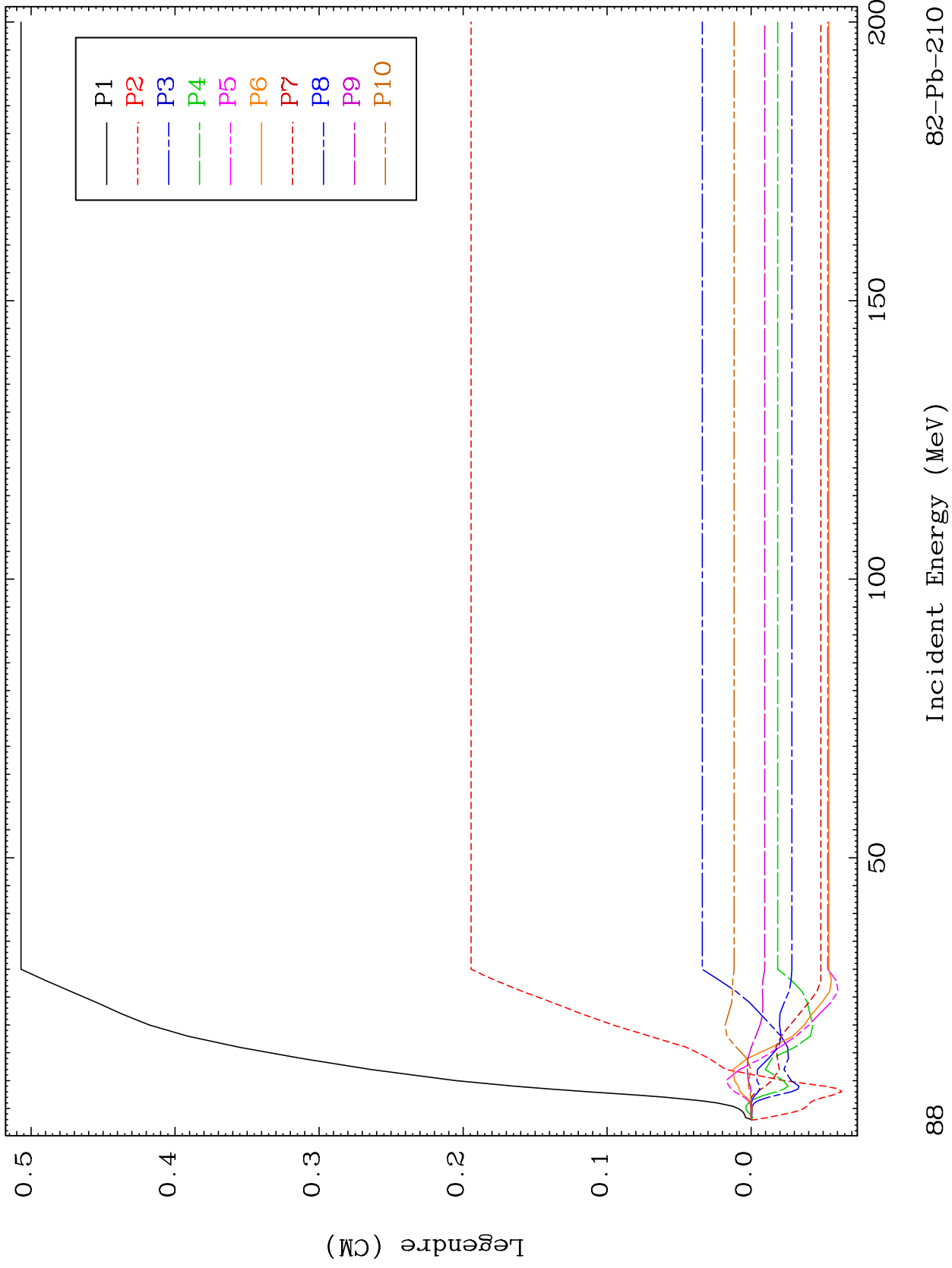




MAT 8243

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

82-Pb-210

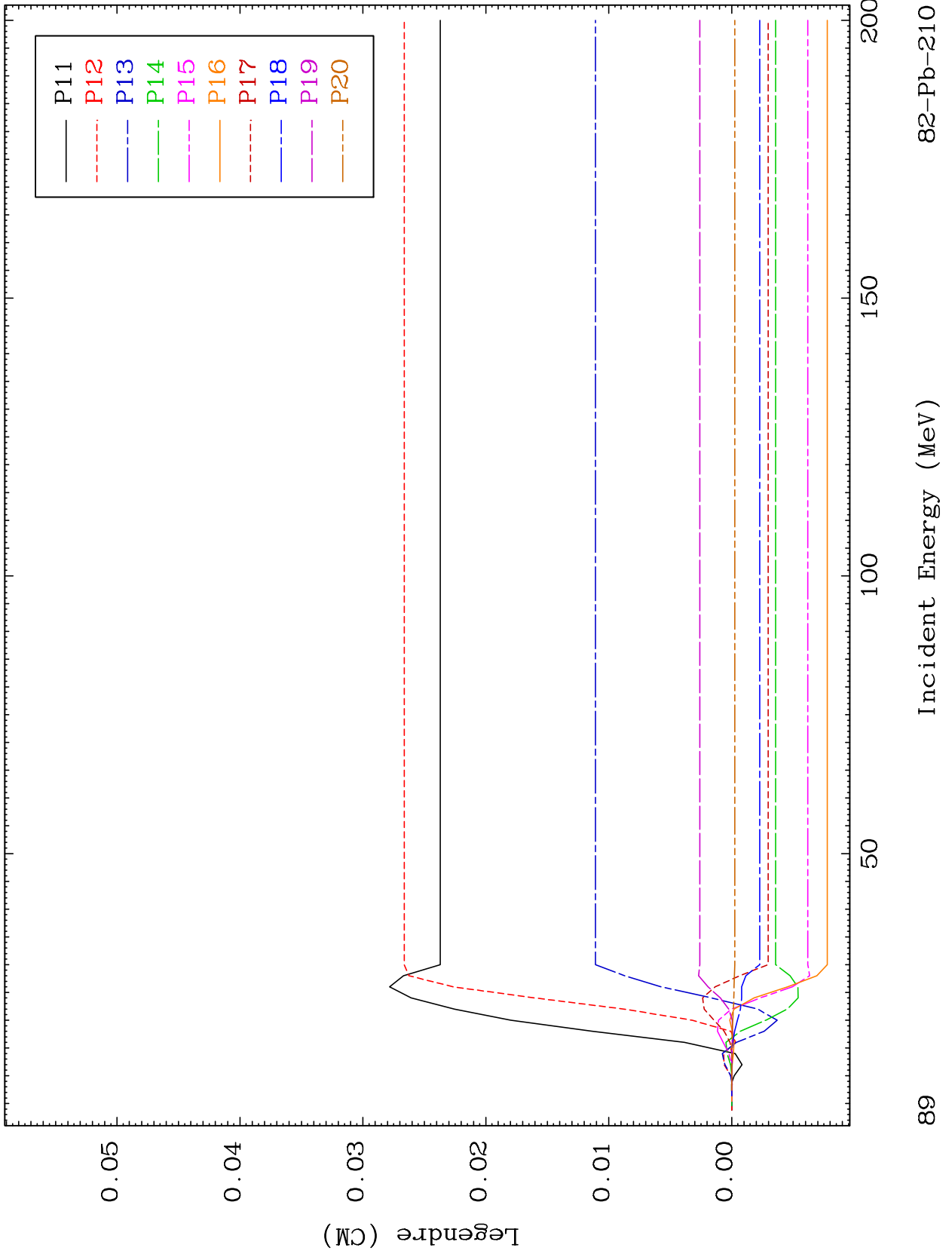


88

MAT 8243

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

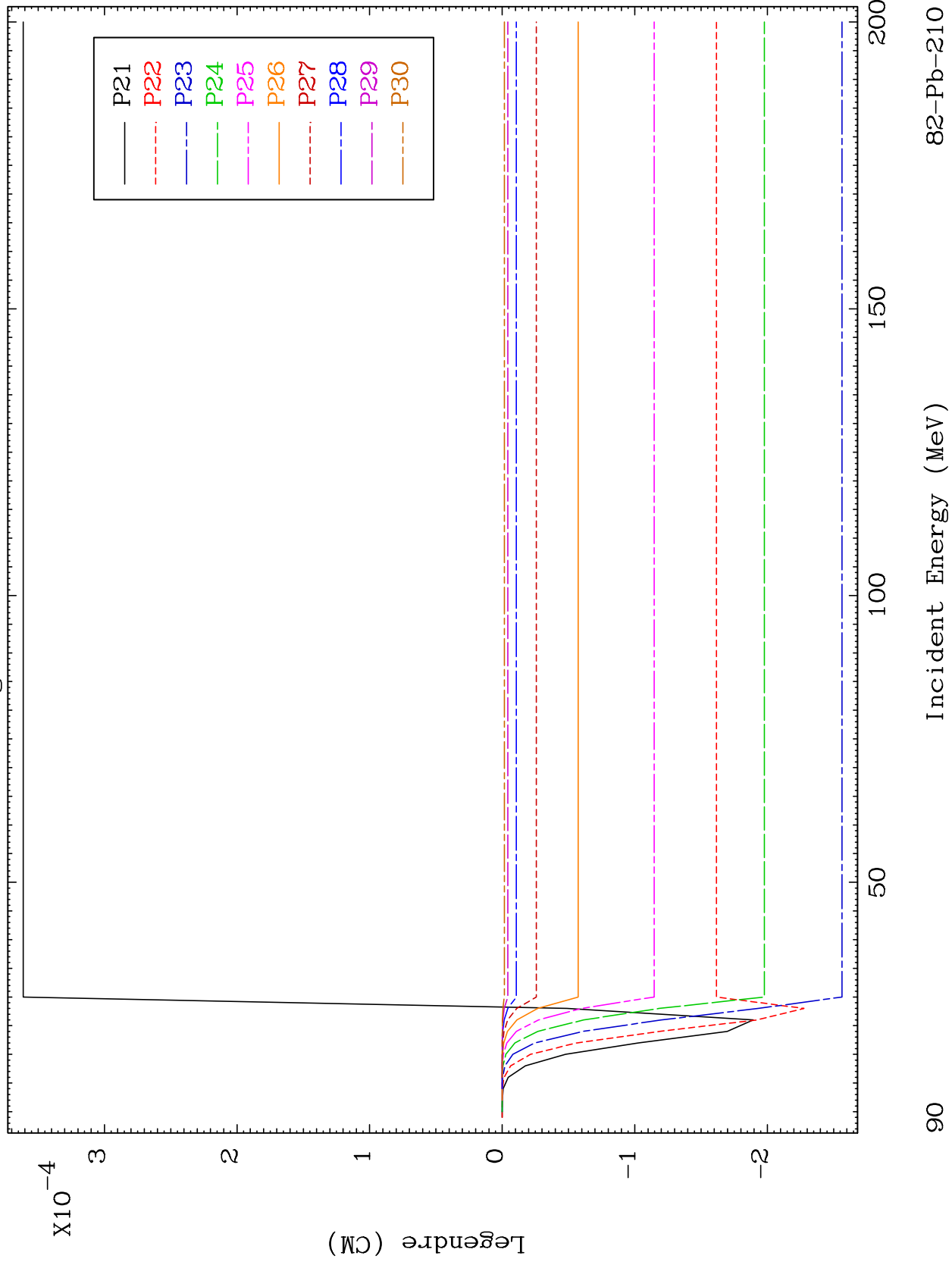
82-Pb-210

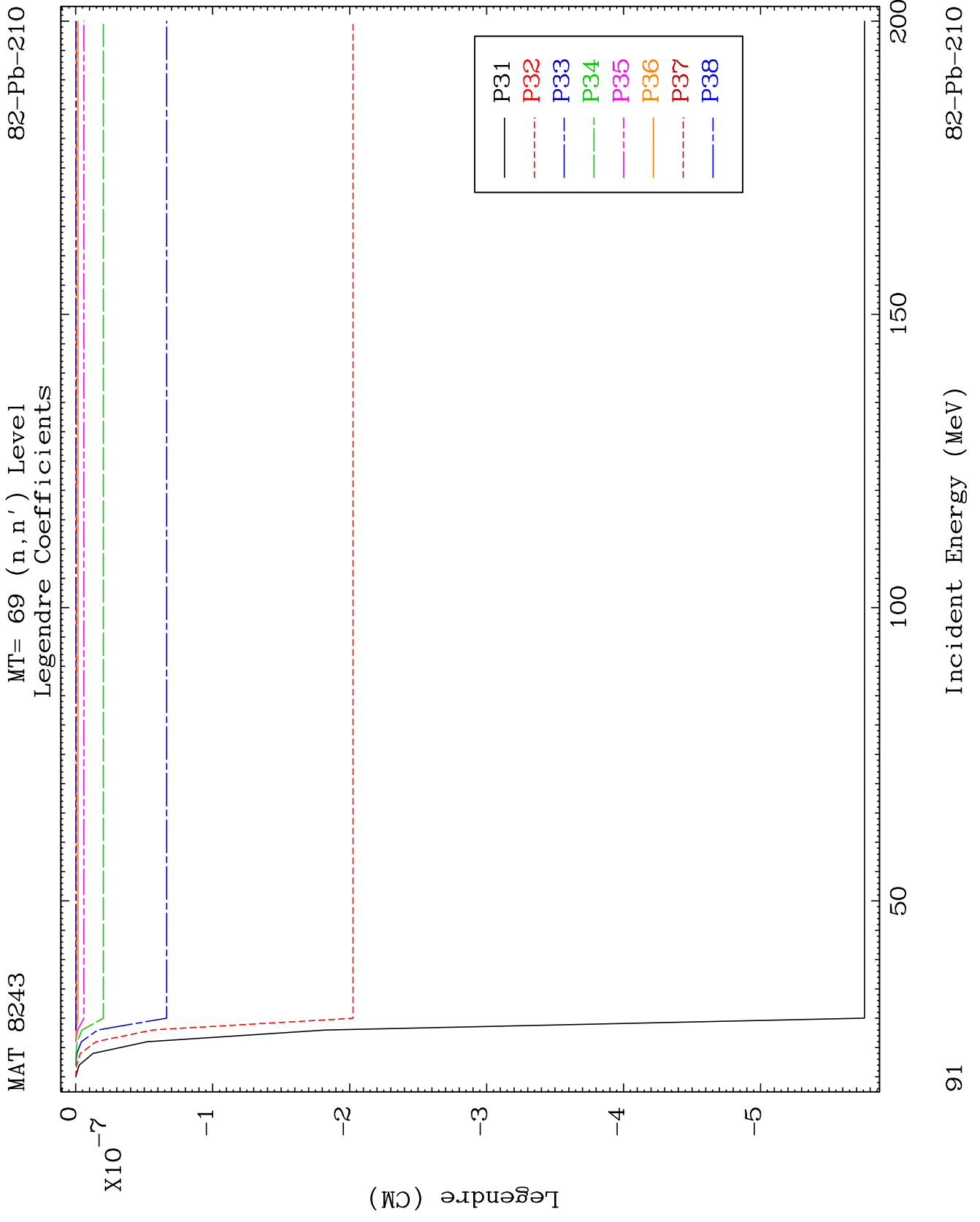


MAT 8243

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

82-Pb-210

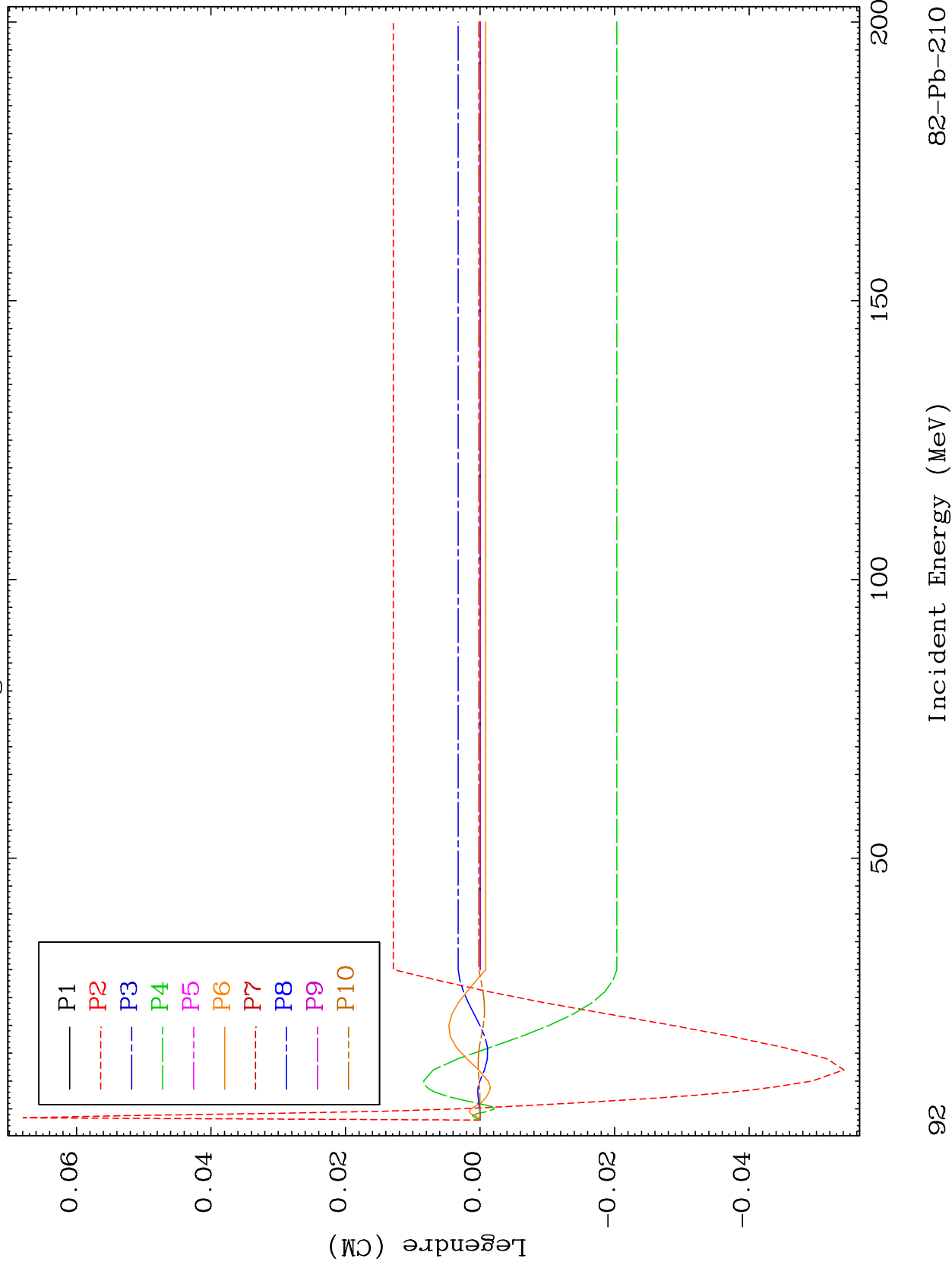




MAT 8243

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

82-Pb-210



92

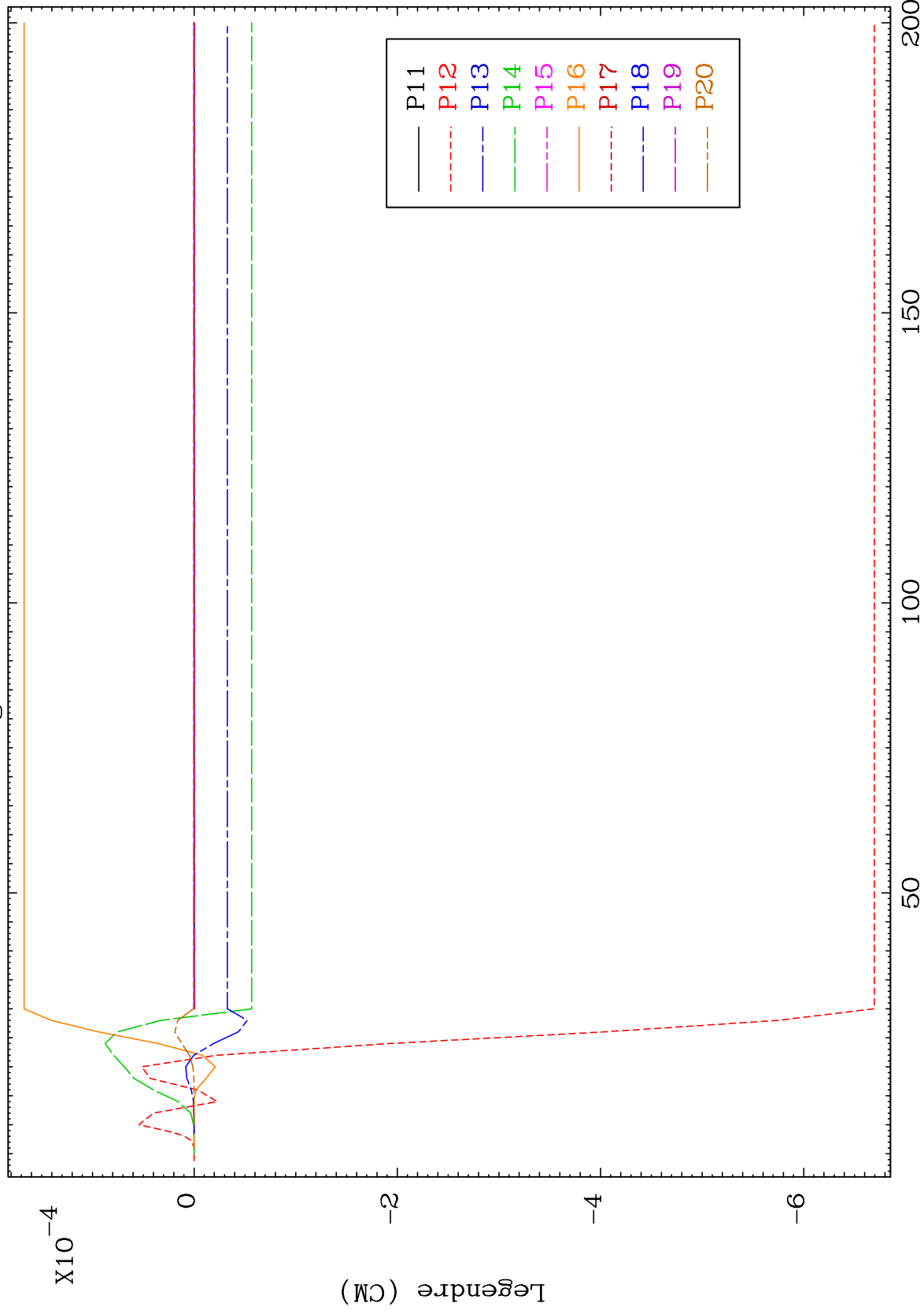
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



93

Incident Energy (MeV)

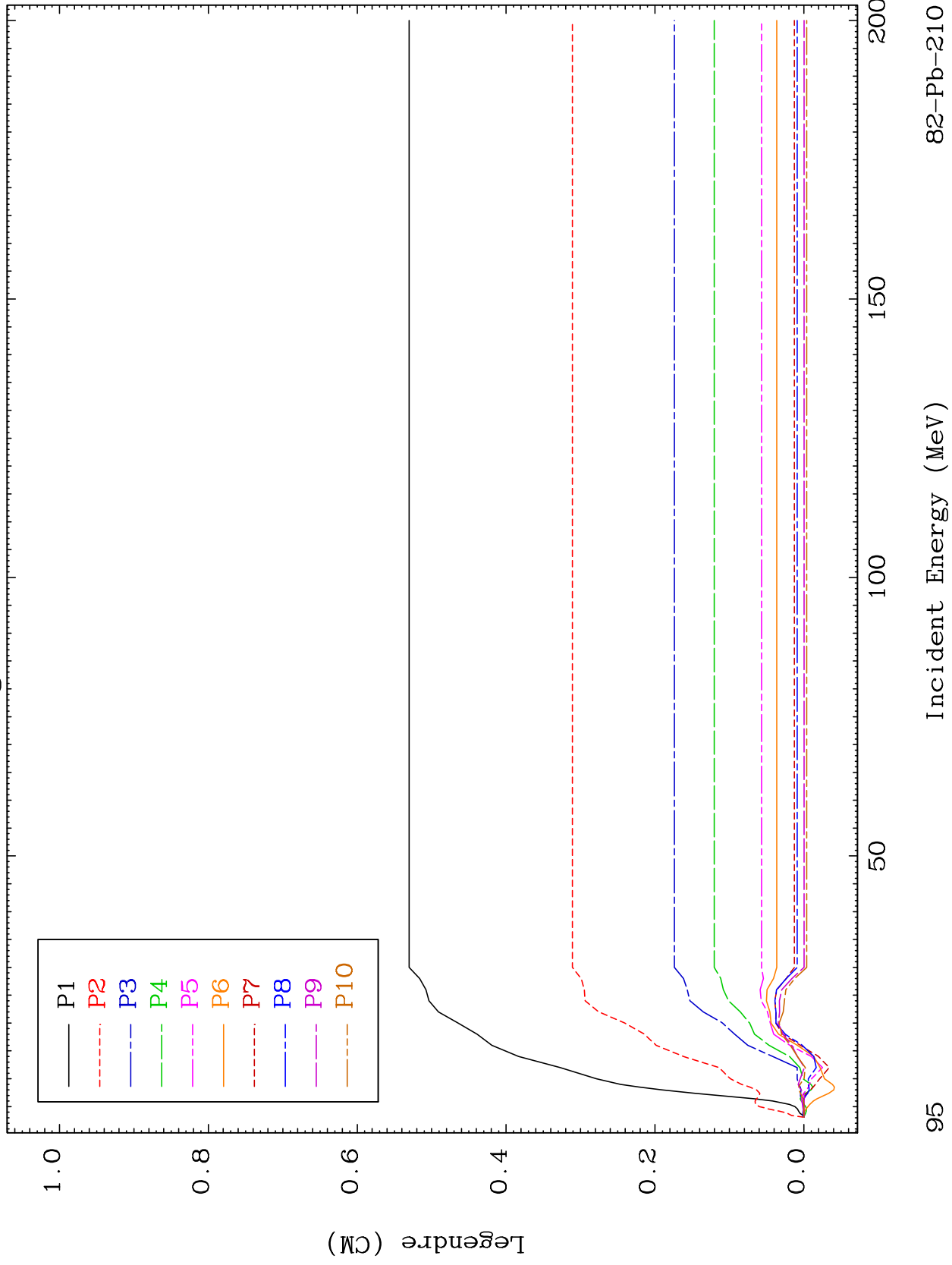
82-Pb-210



MAT 8243

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

82-Pb-210



95

Incident Energy (MeV)

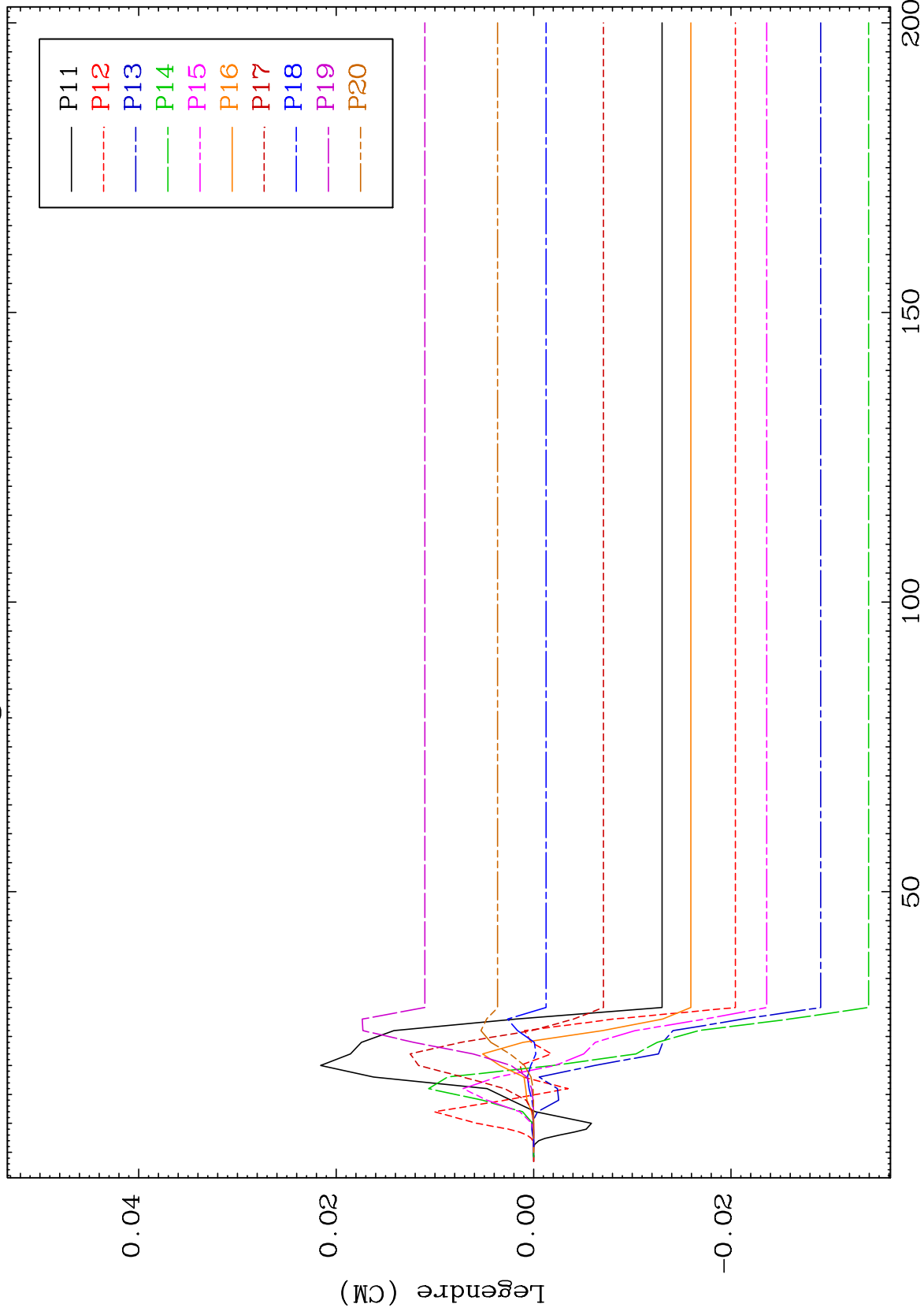
82-Pb-210



MAT 8243

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

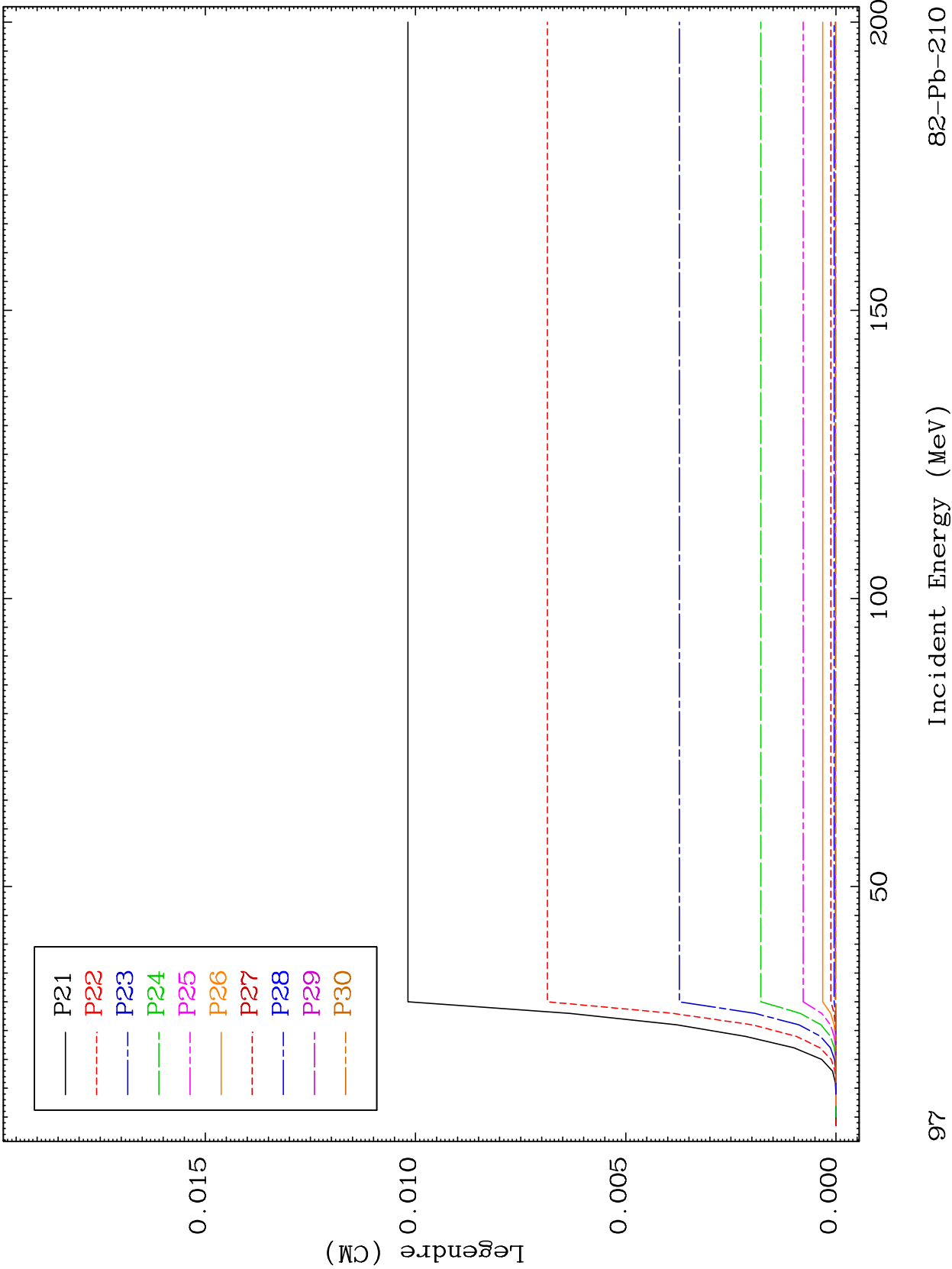
82-Pb-210



MAT 8243

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

82-Pb-210



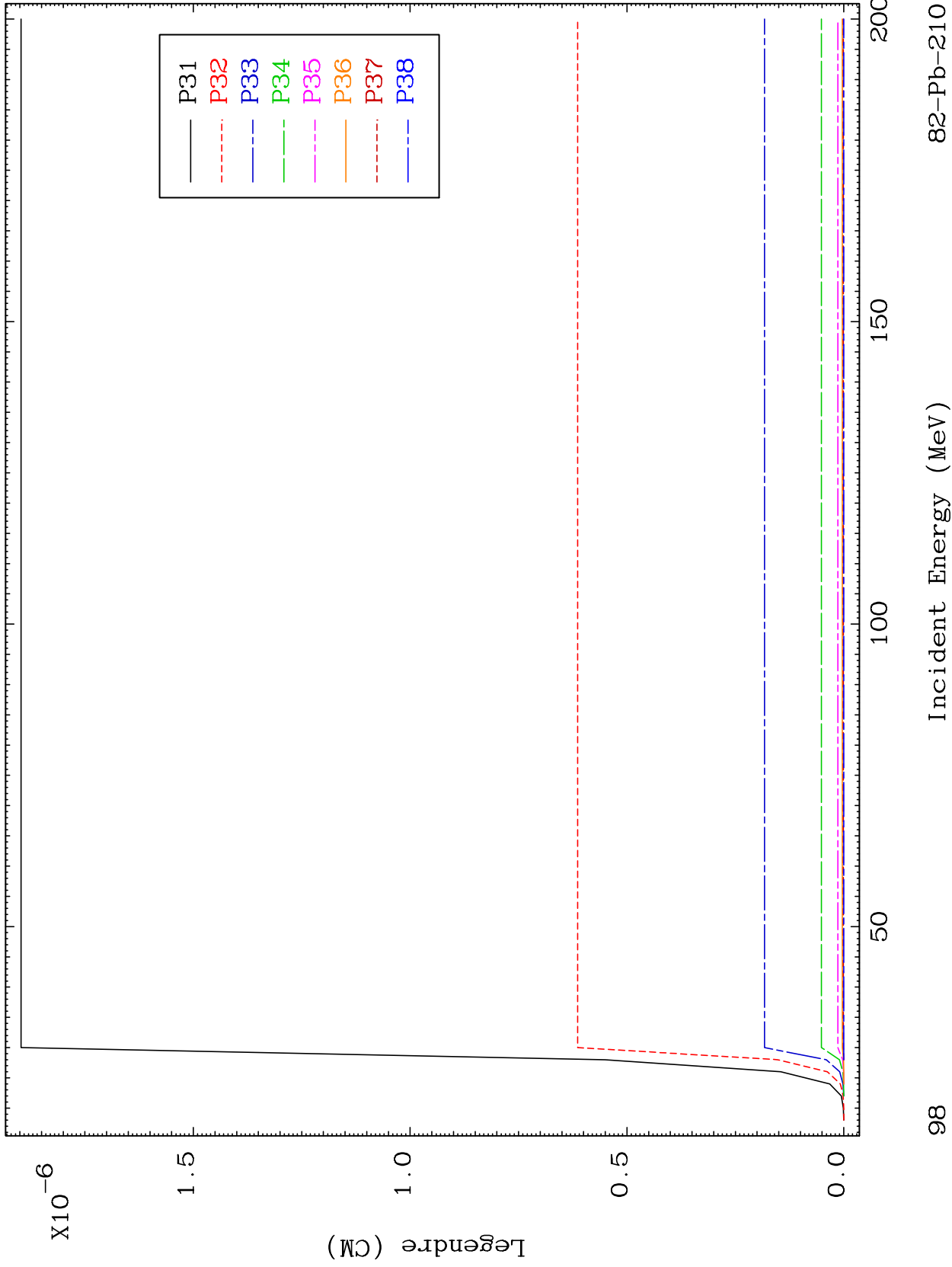
97

82-Pb-210

MAT 8243

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

82-Pb-210

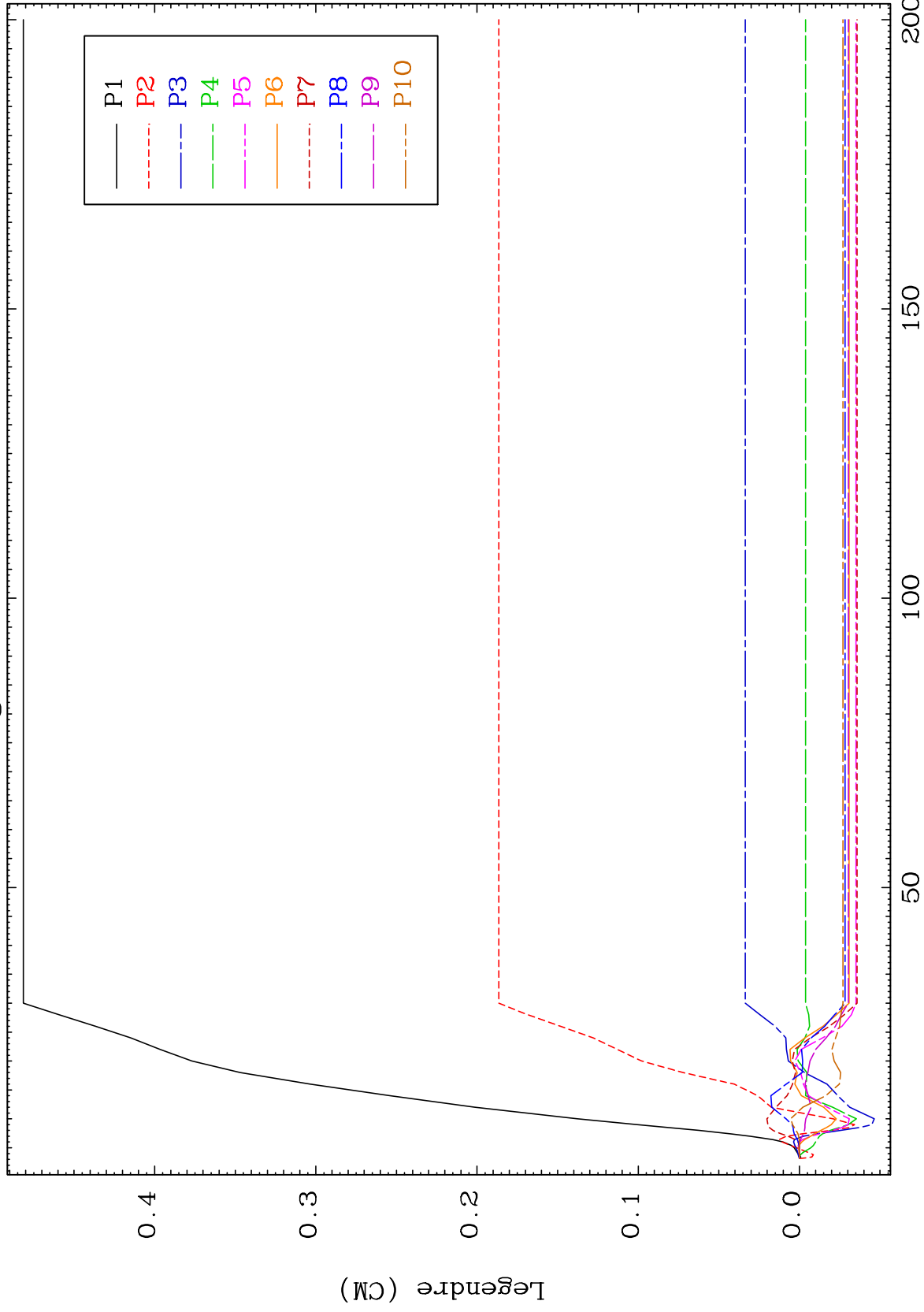


98

MAT 8243

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

82-Pb-210



99

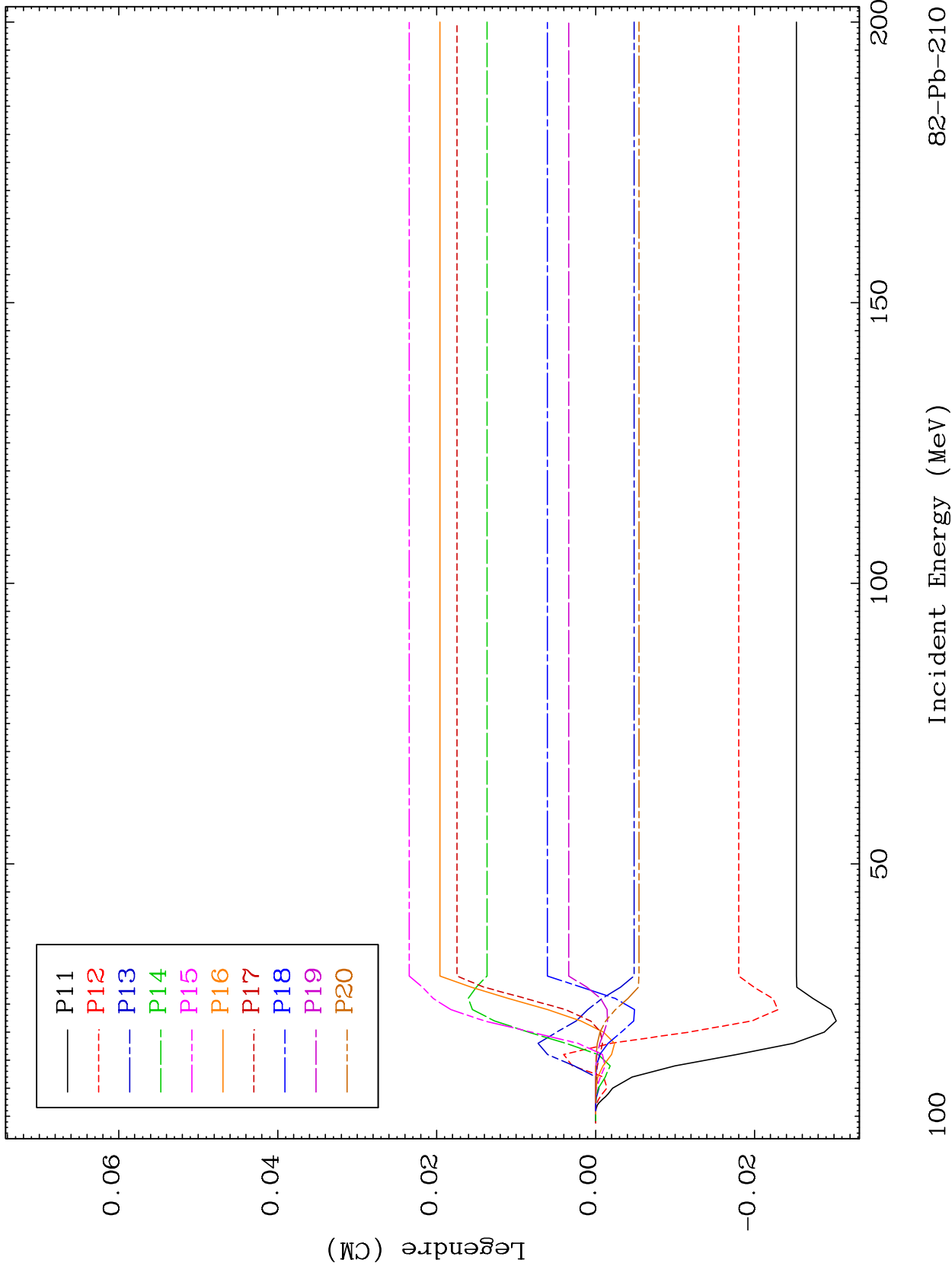
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



100

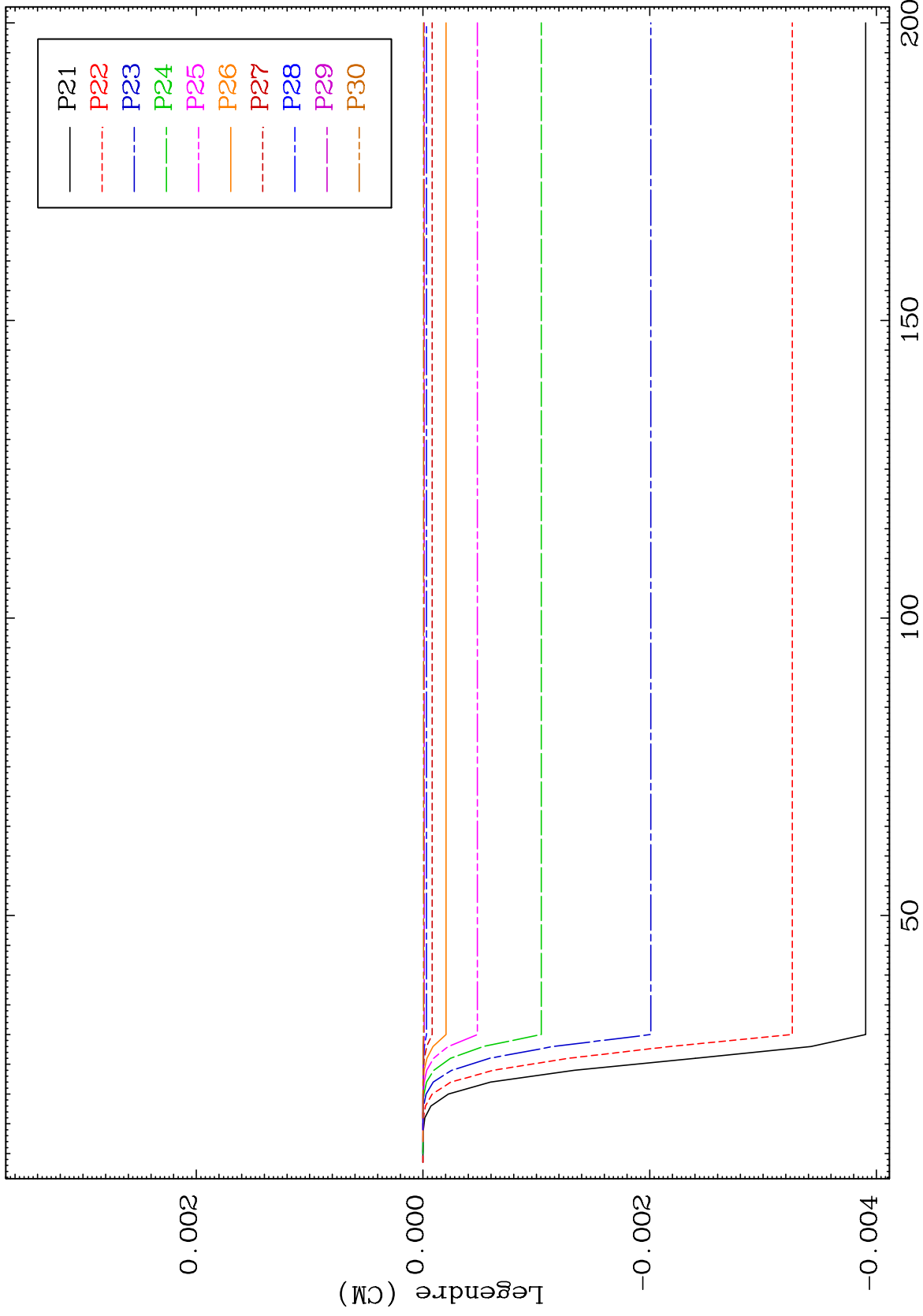
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

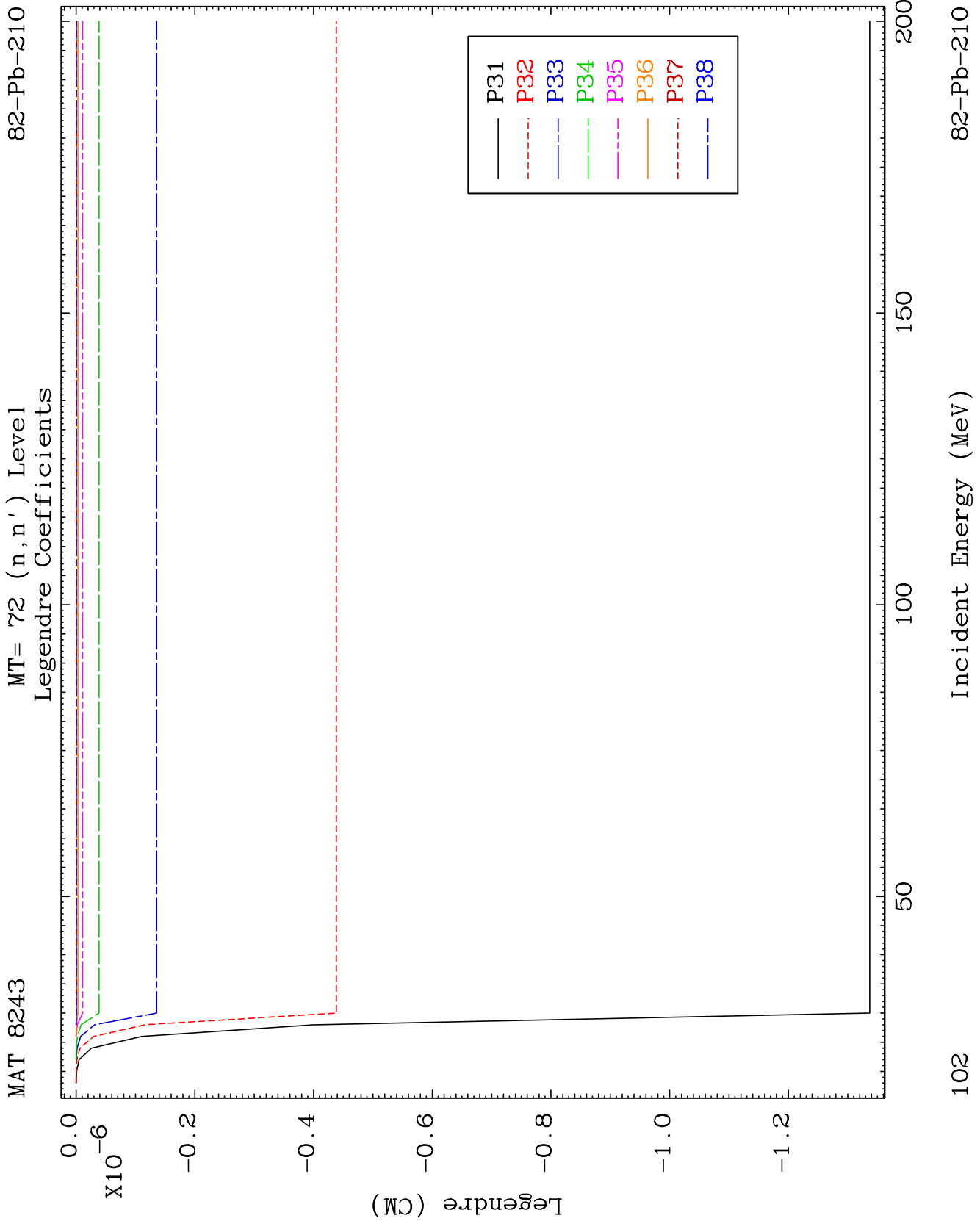
82-Pb-210



101

Incident Energy (MeV)

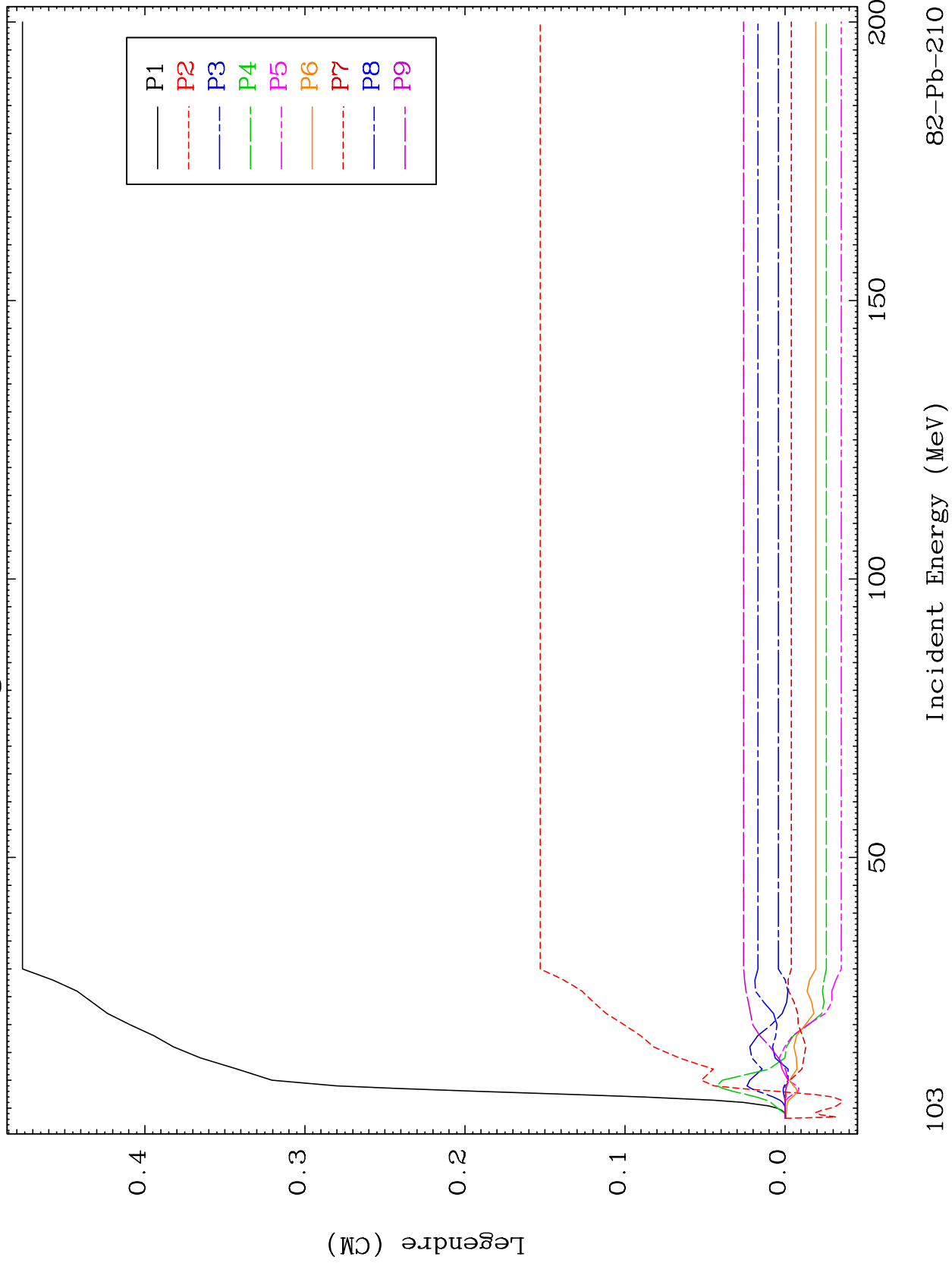
82-Pb-210



MAT 8243

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

82-Pb-210



103

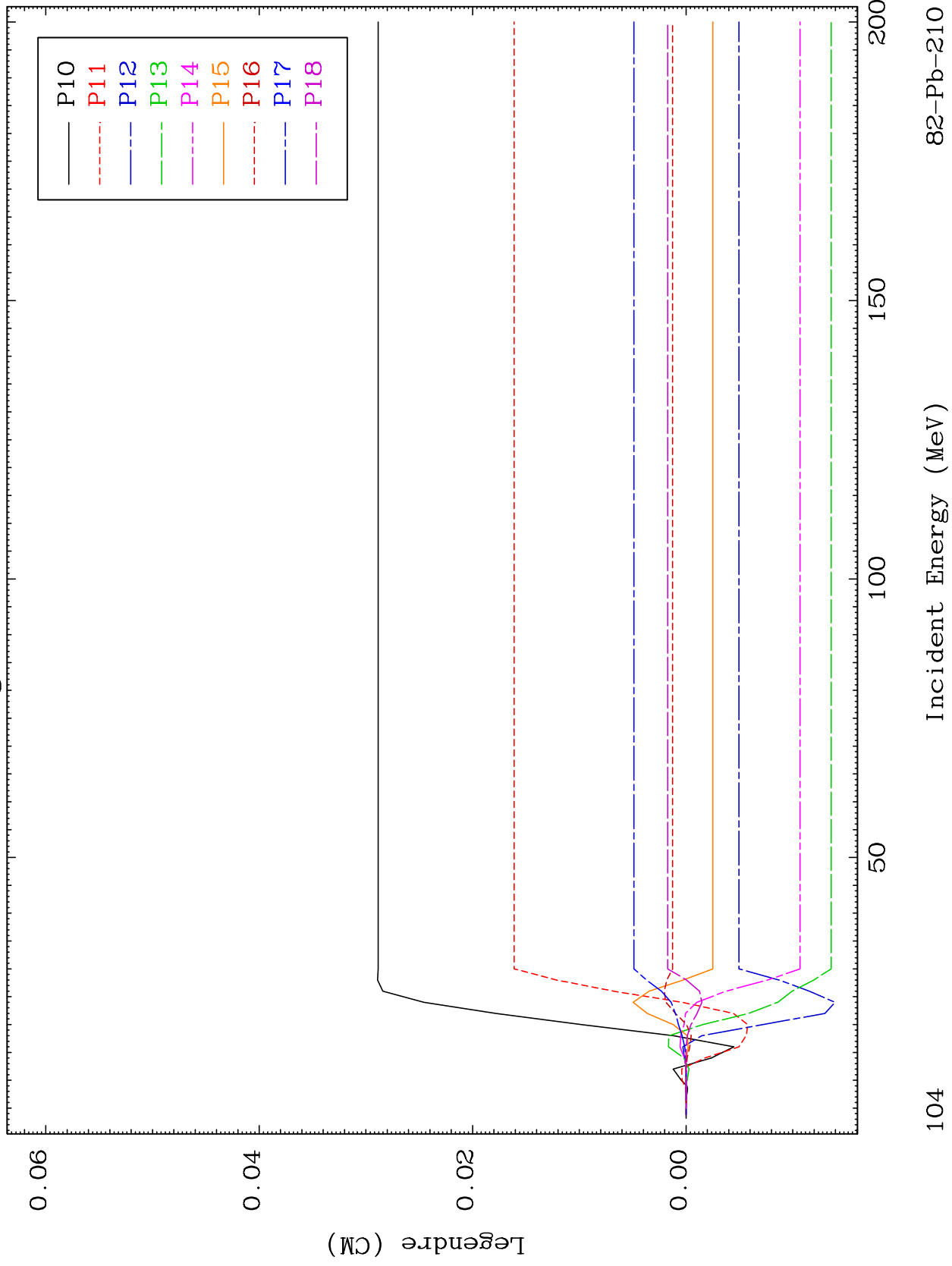
82-Pb-210



MAT 8243

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

82-Pb-210



104

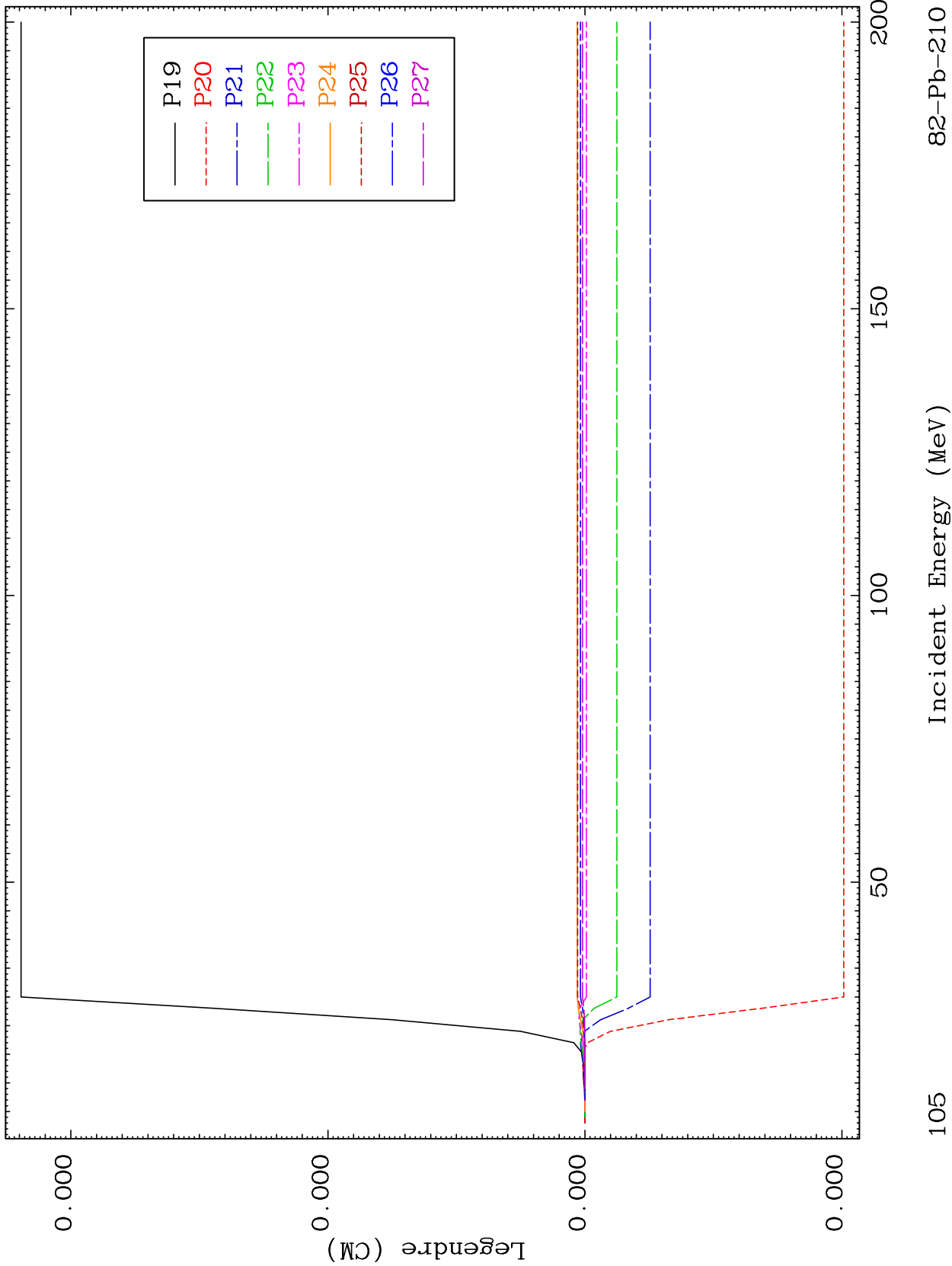
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



105

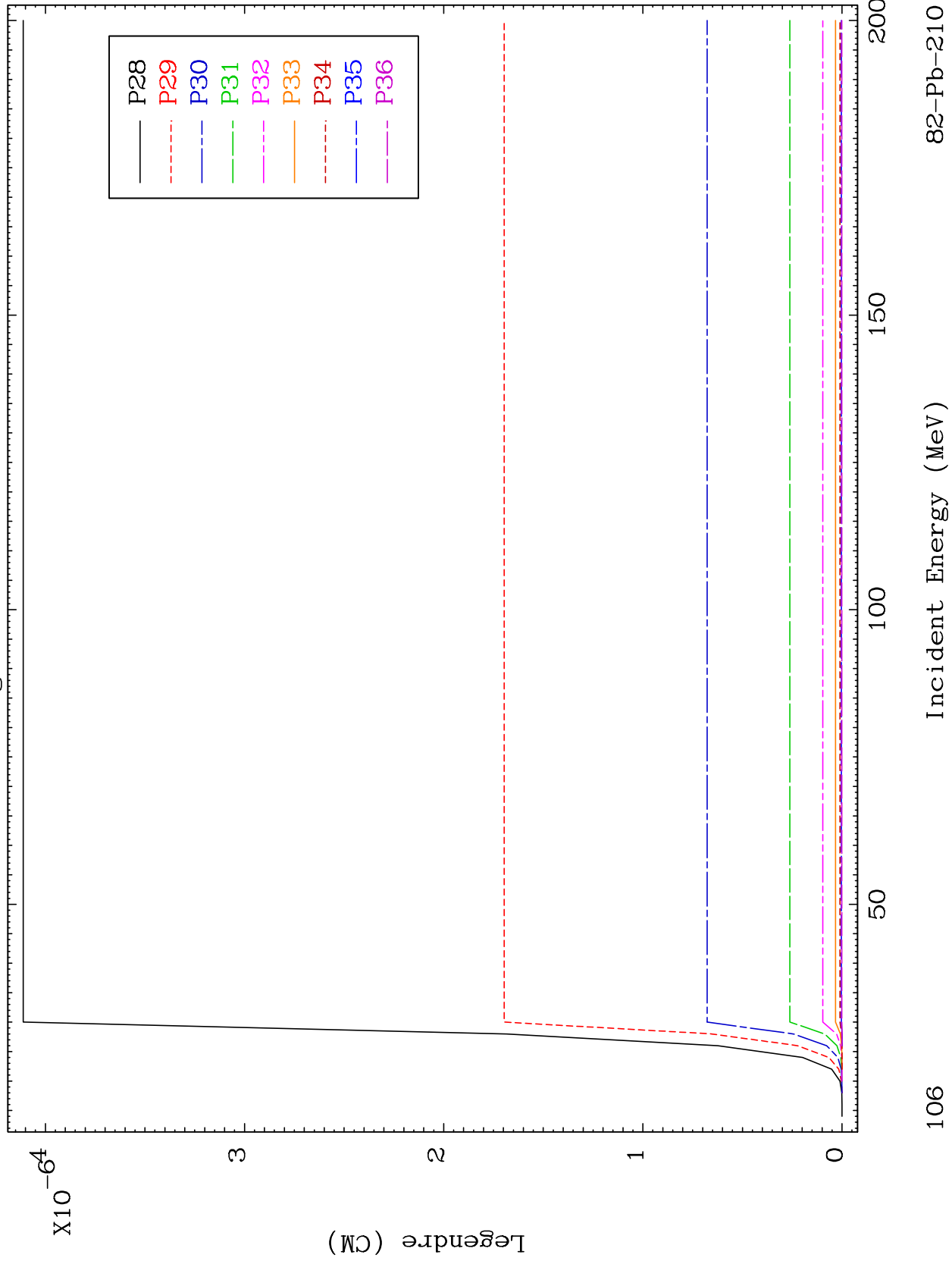
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210

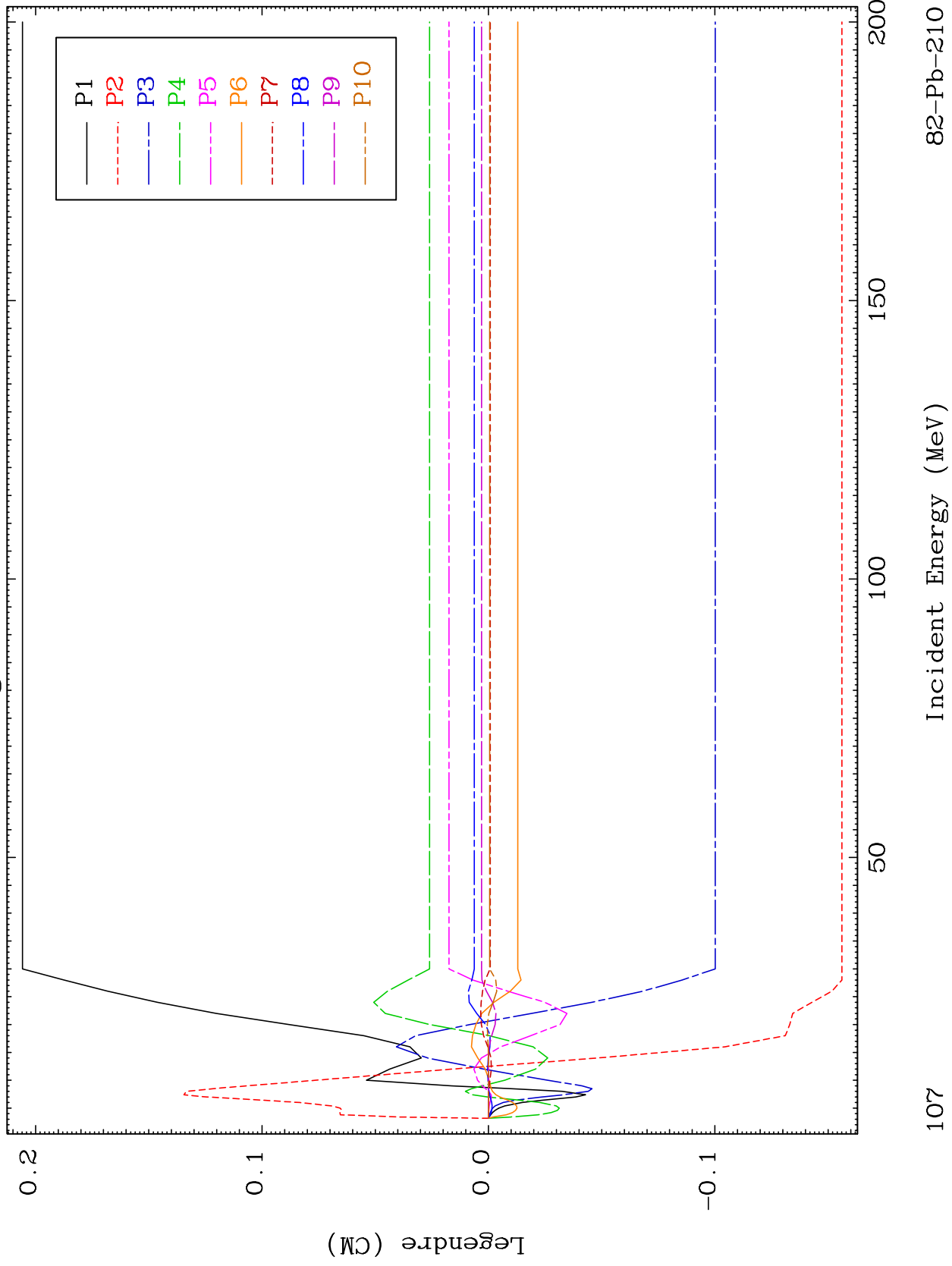


82-Pb-210

MAT 8243

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

82-Pb-210

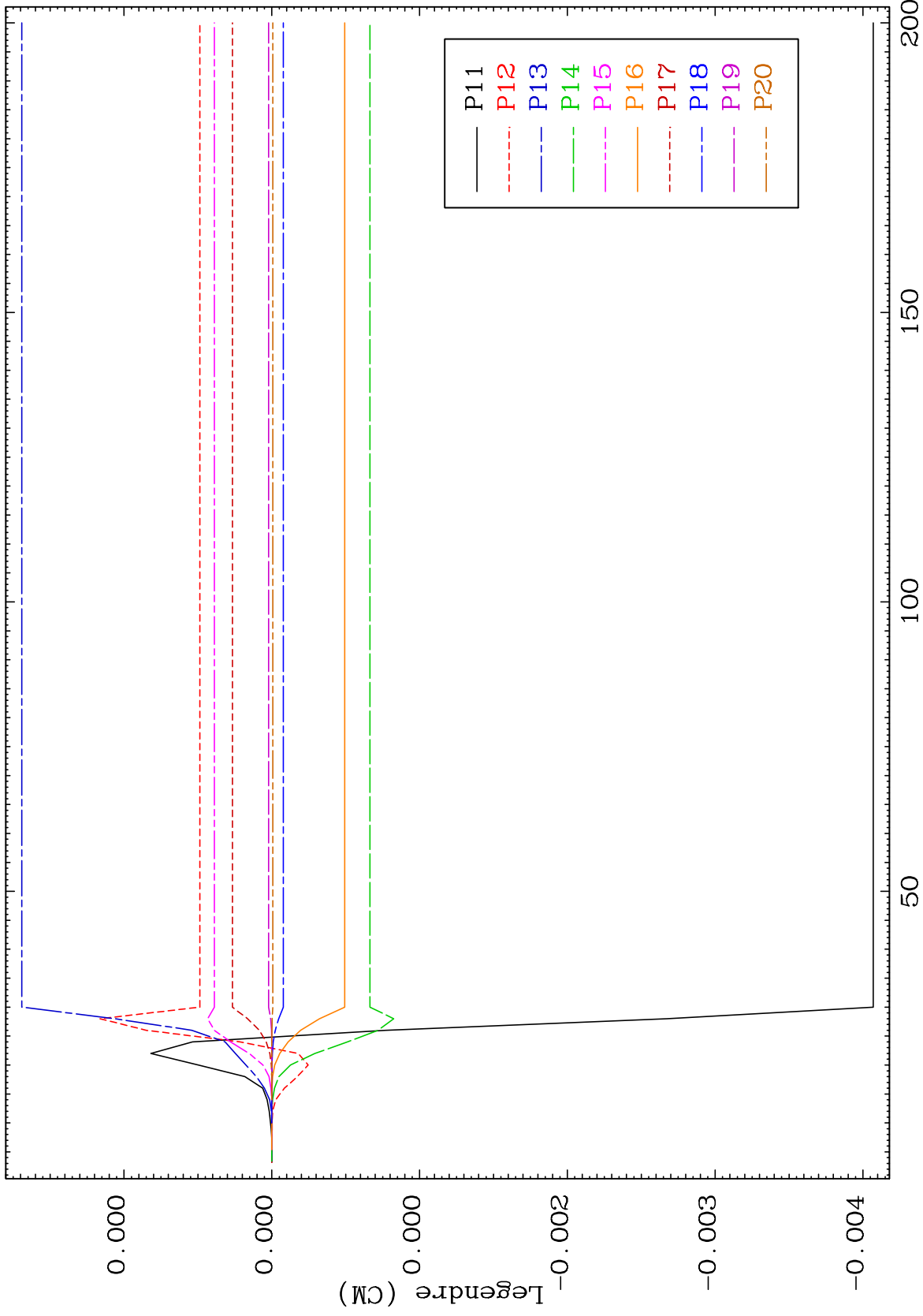


107

MAT 8243

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

82-Pb-210



108

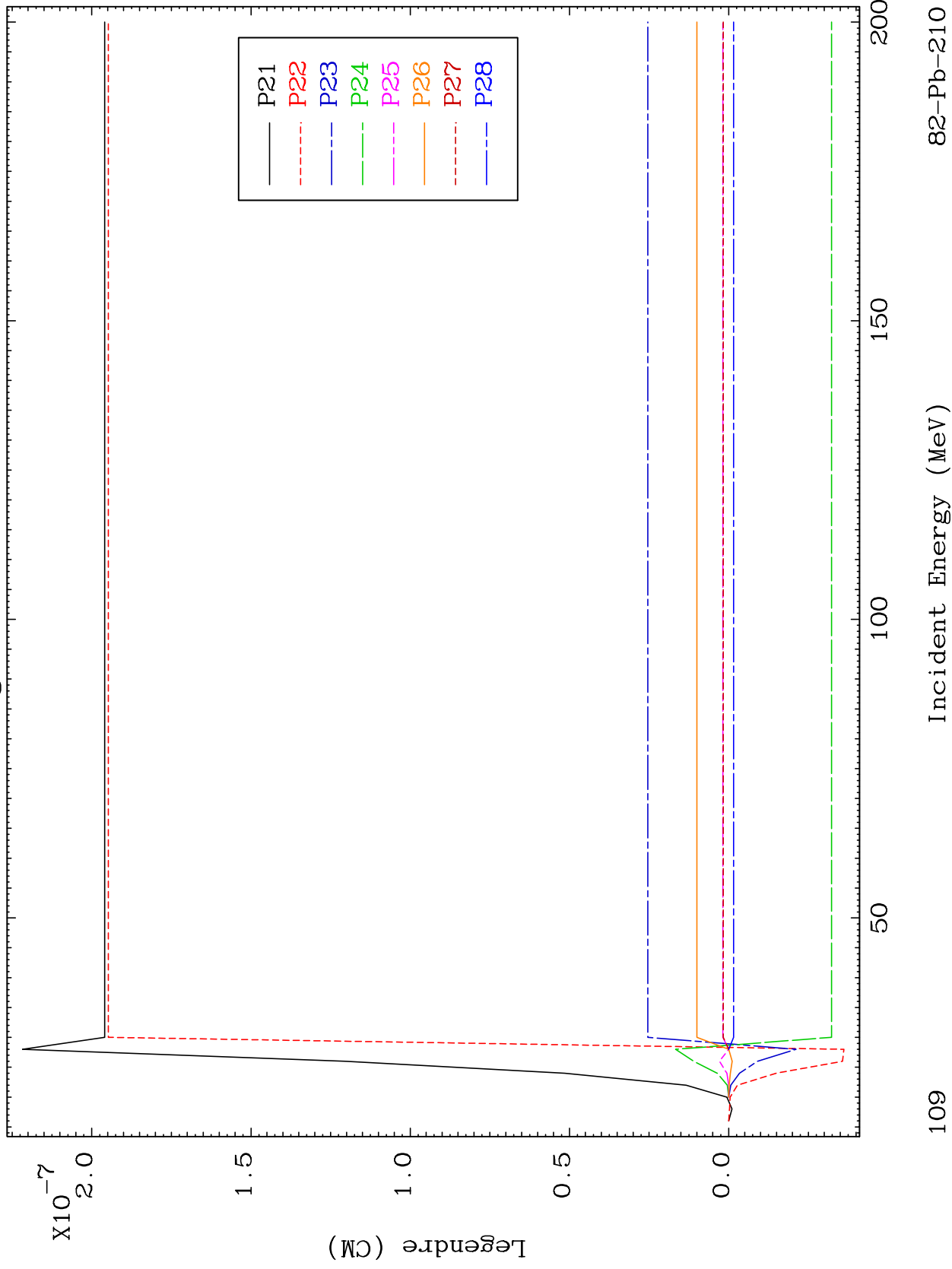
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

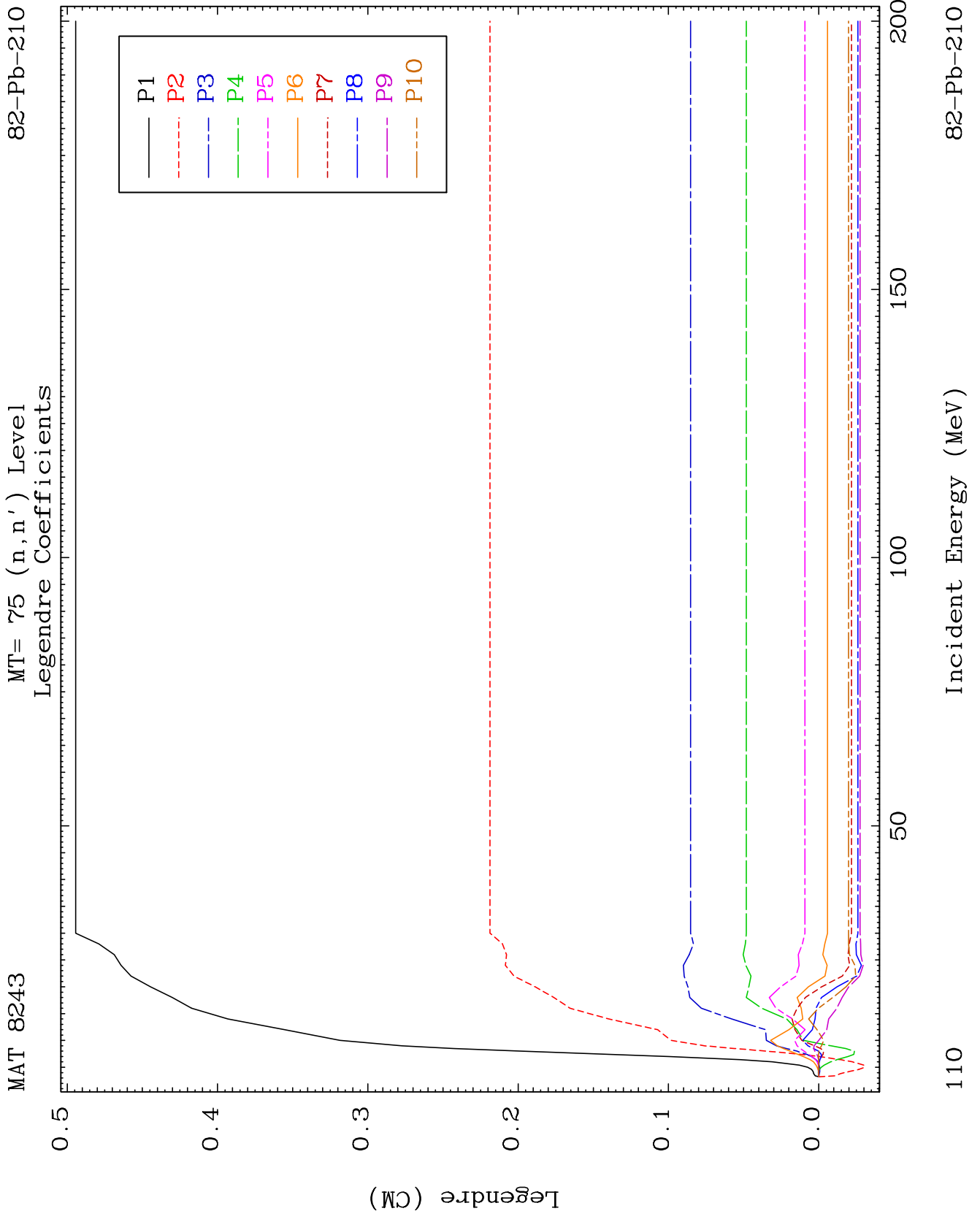
82-Pb-210



109

Incident Energy (MeV)

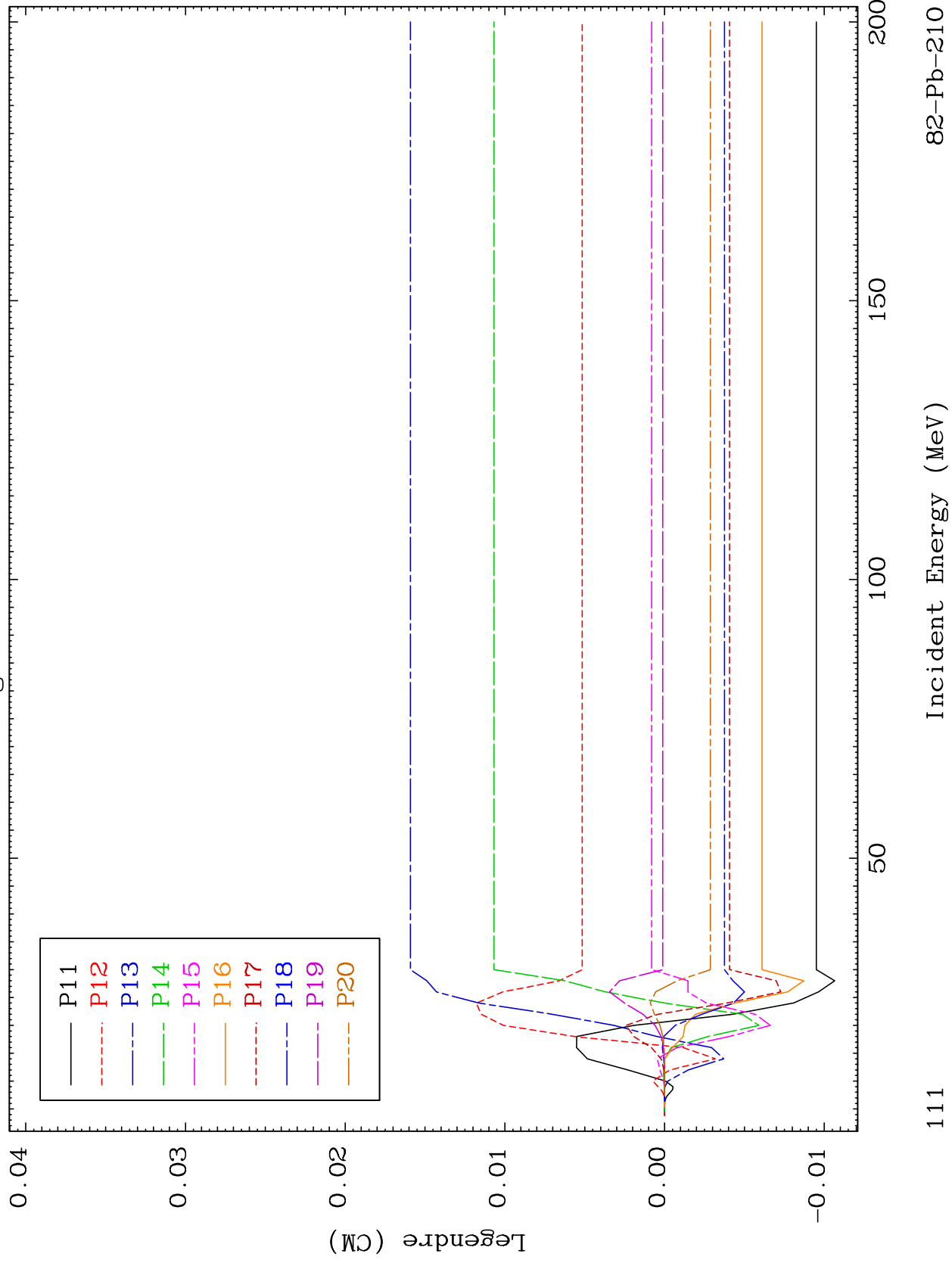
82-Pb-210



MAT 8243

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

82-Pb-210



111

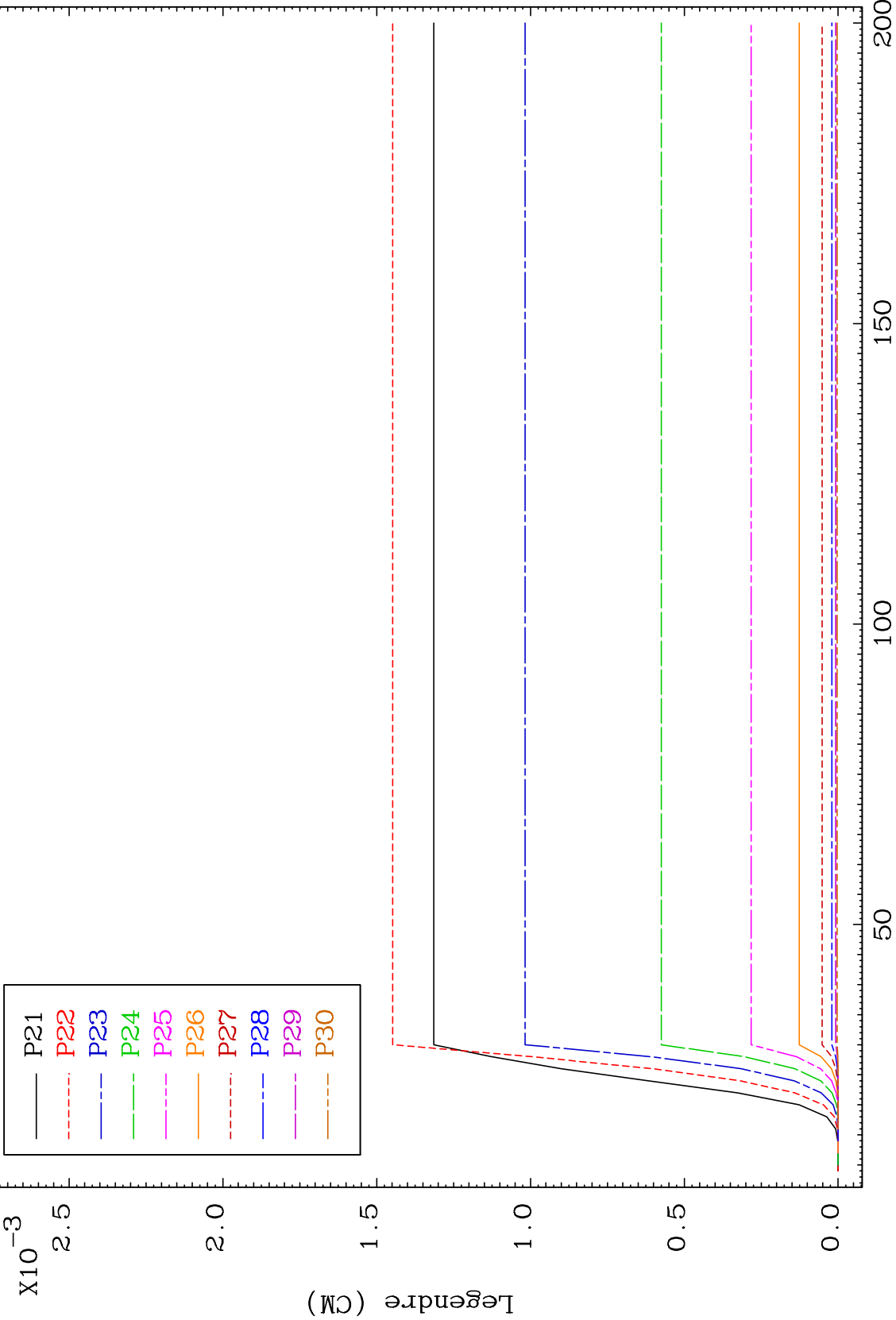
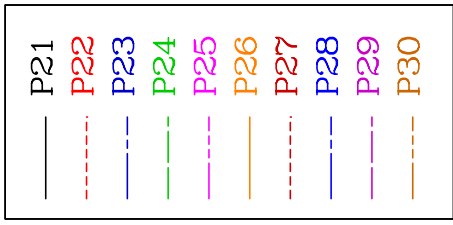
82-Pb-210



MAT 8243

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

82-Pb-210



112

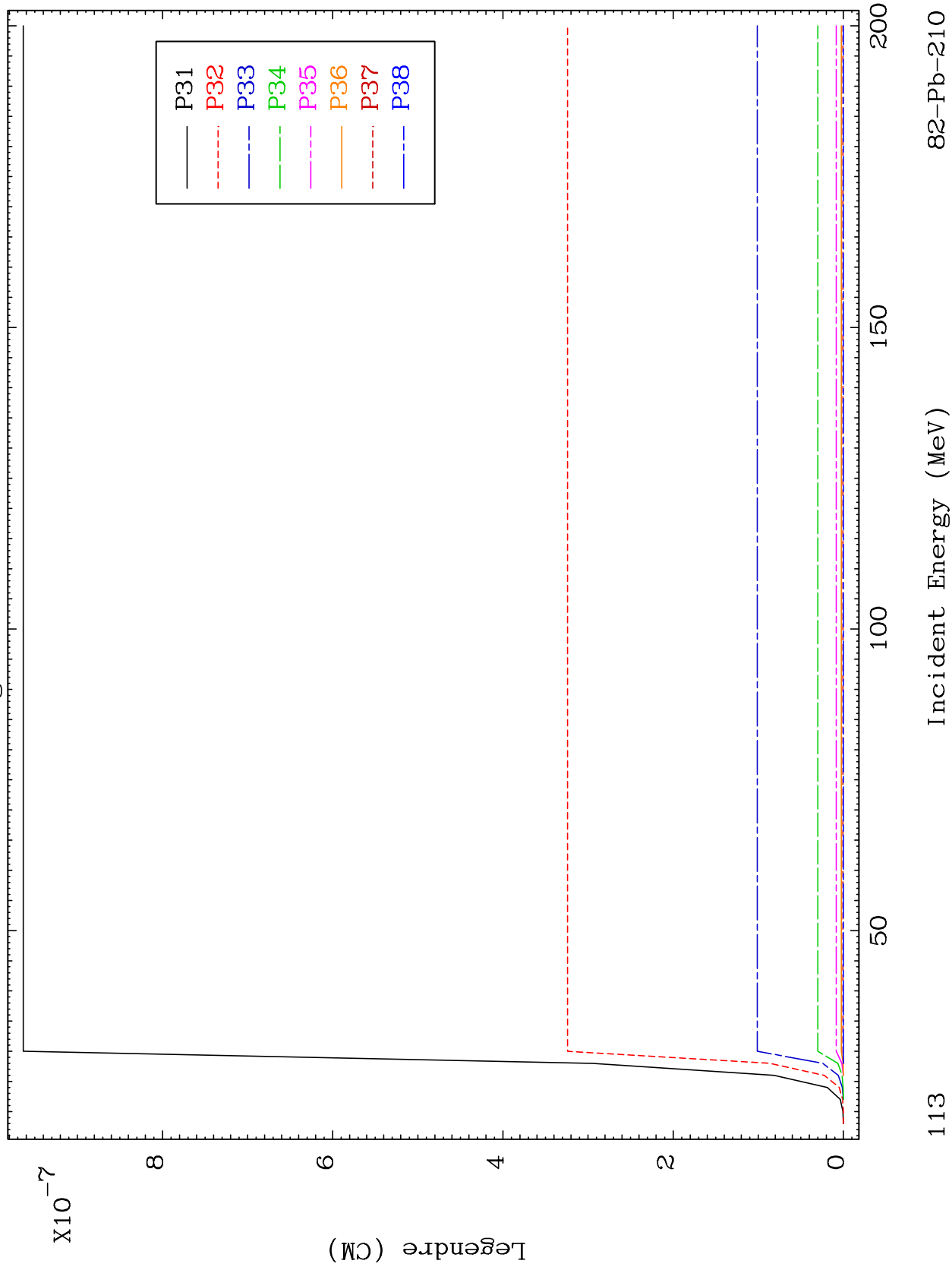
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210

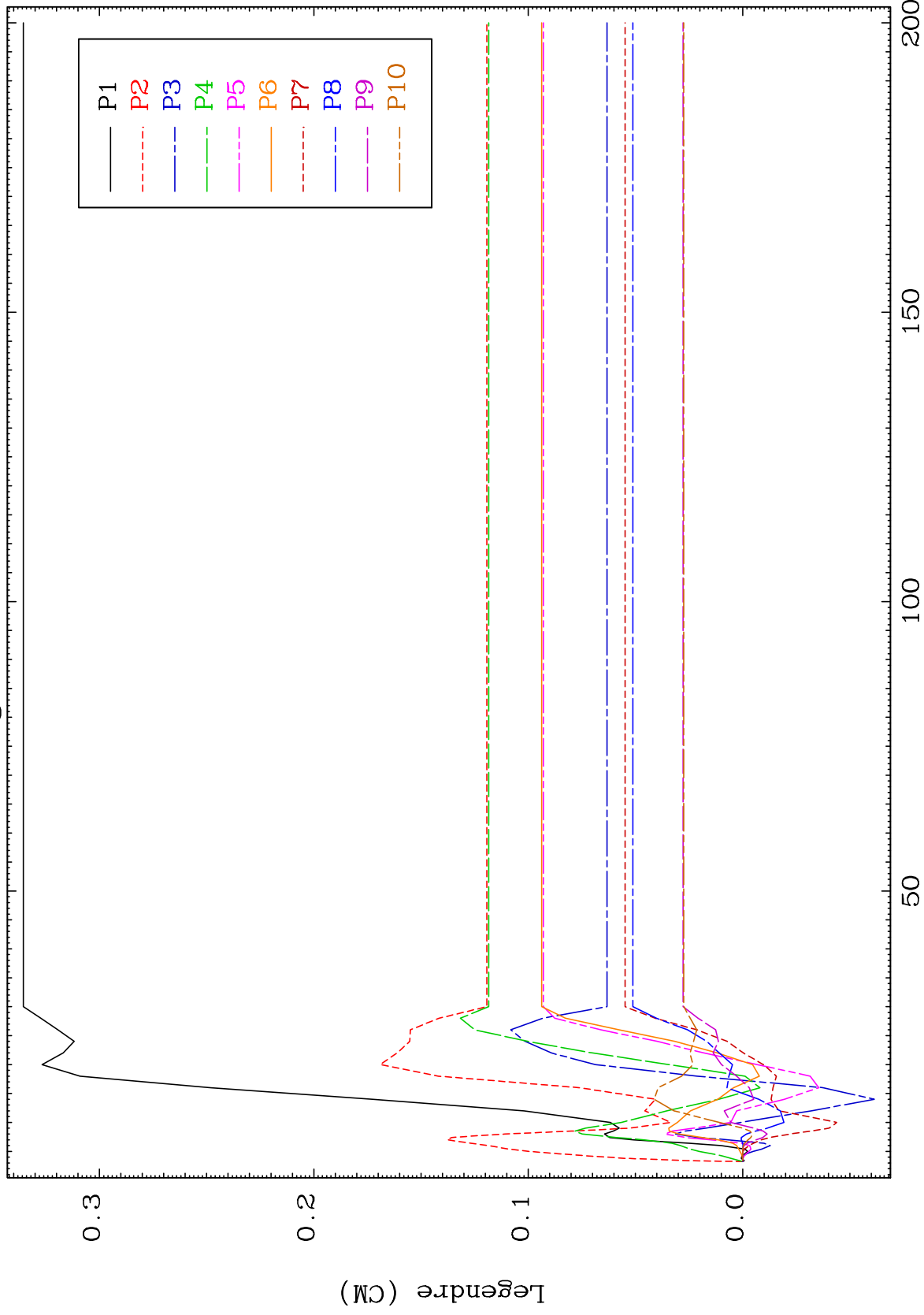


113

MAT 8243

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

82-Pb-210



114

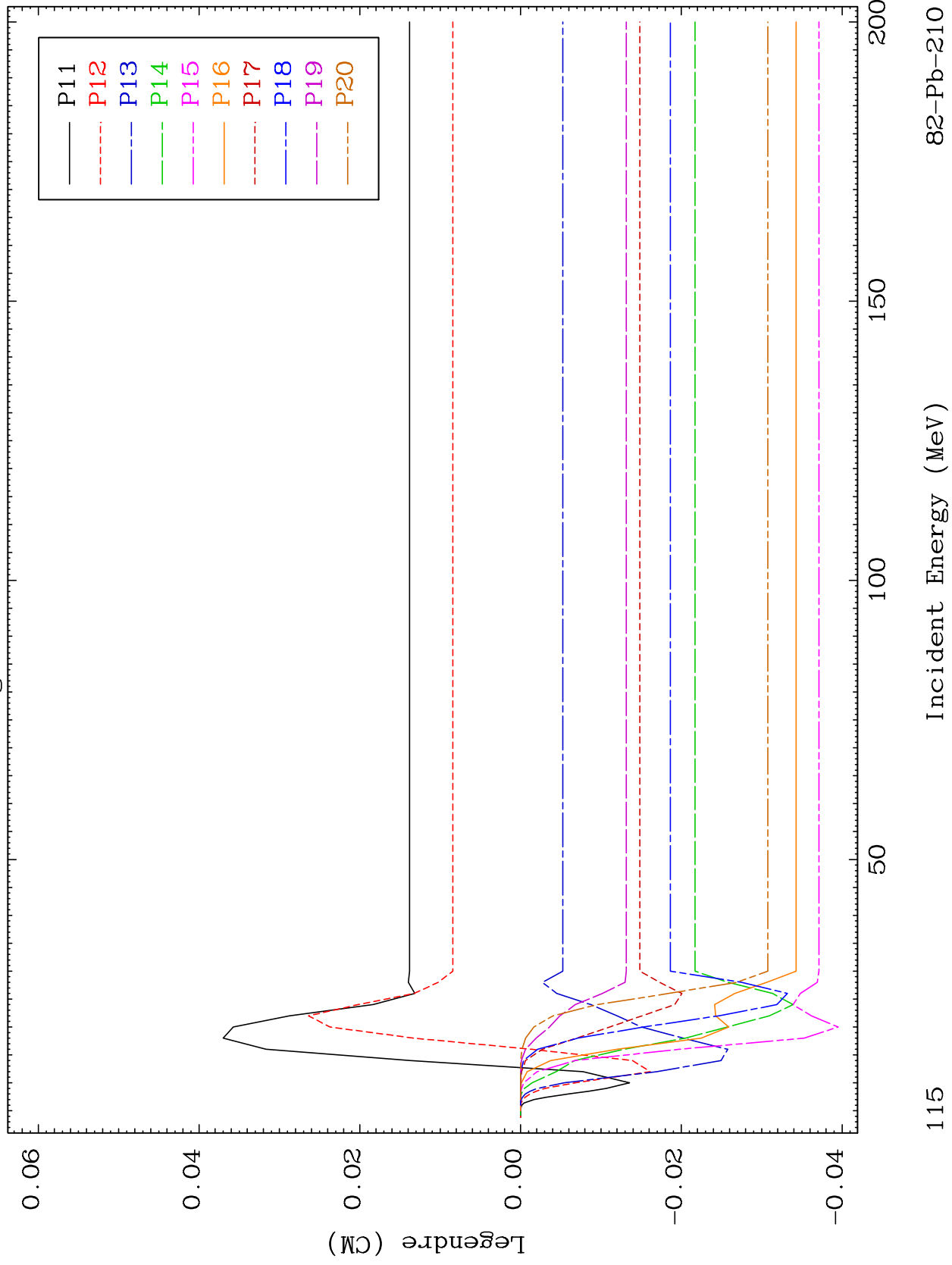
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



82-Pb-210

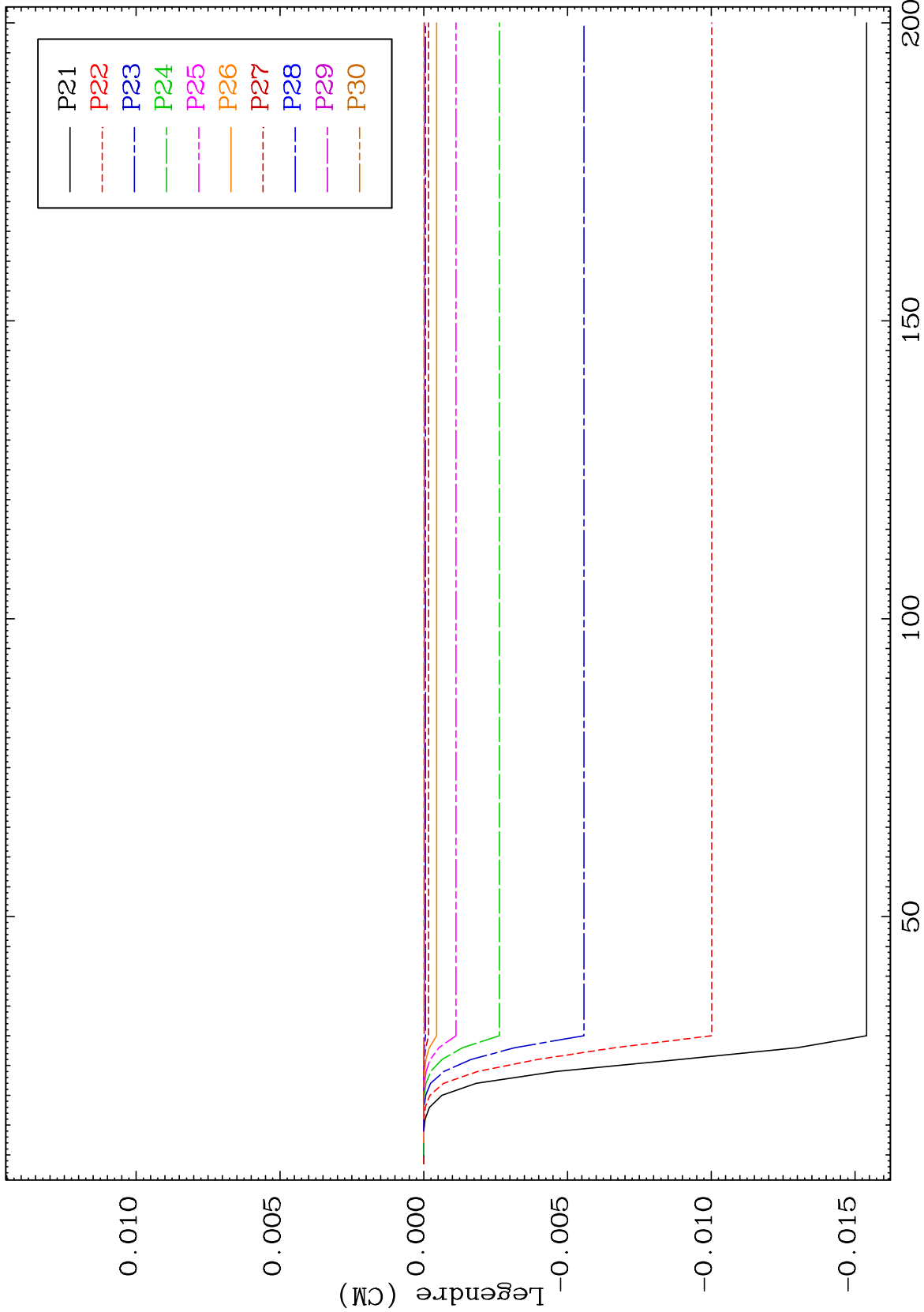
Incident Energy (MeV)

115

MAT 8243

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

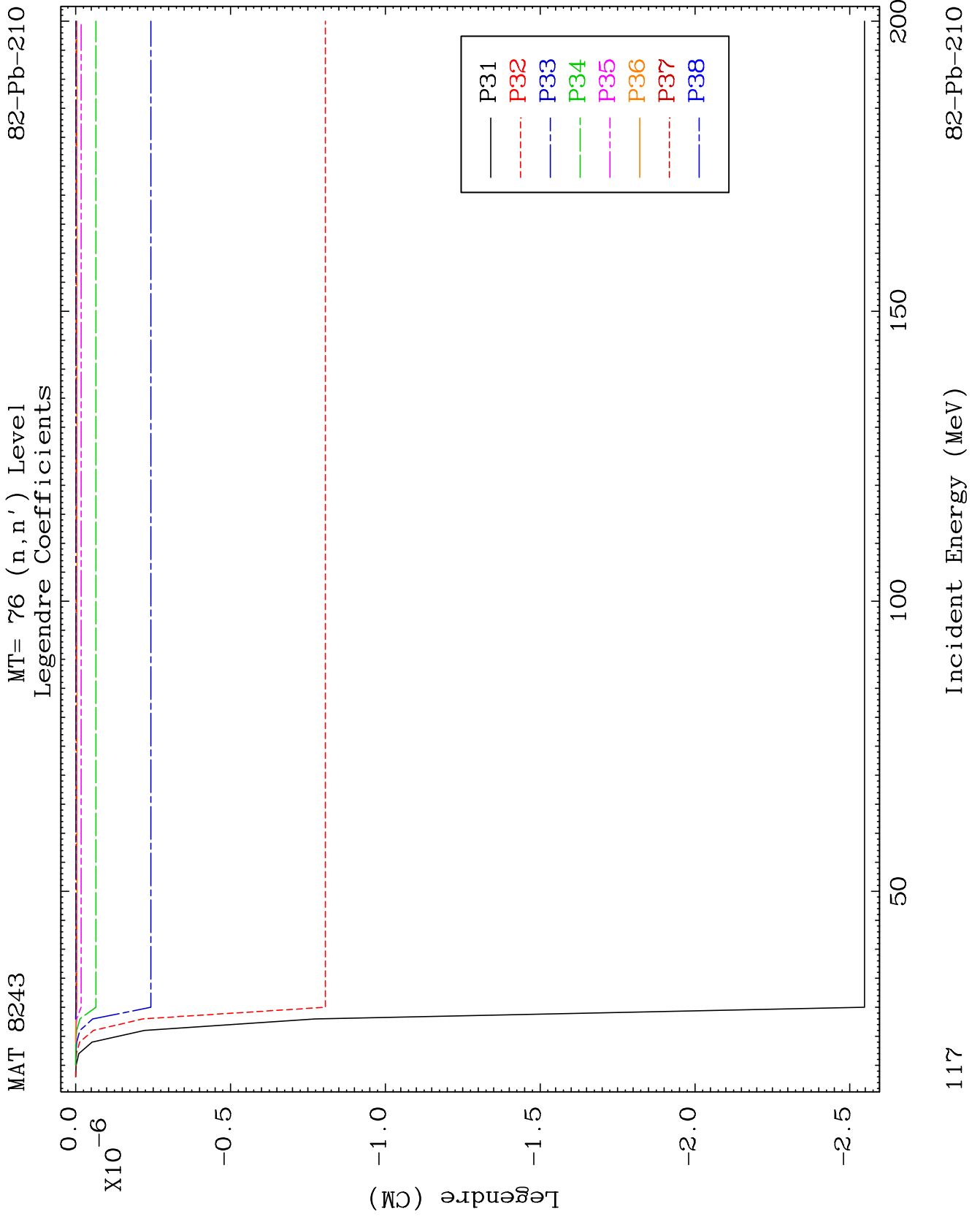
82-Pb-210



116

Incident Energy (MeV)

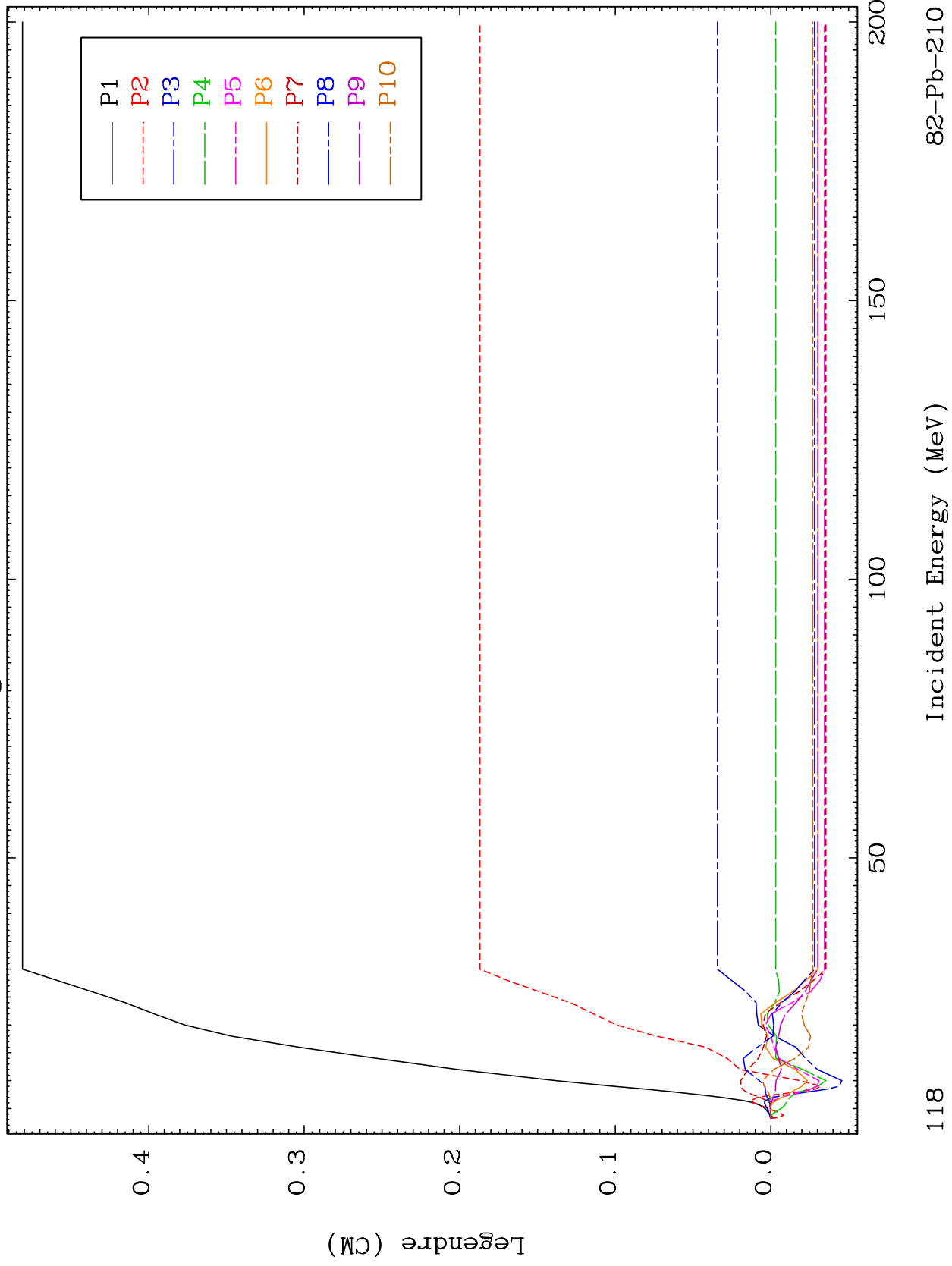
82-Pb-210



MAT 8243

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

82-Pb-210



118

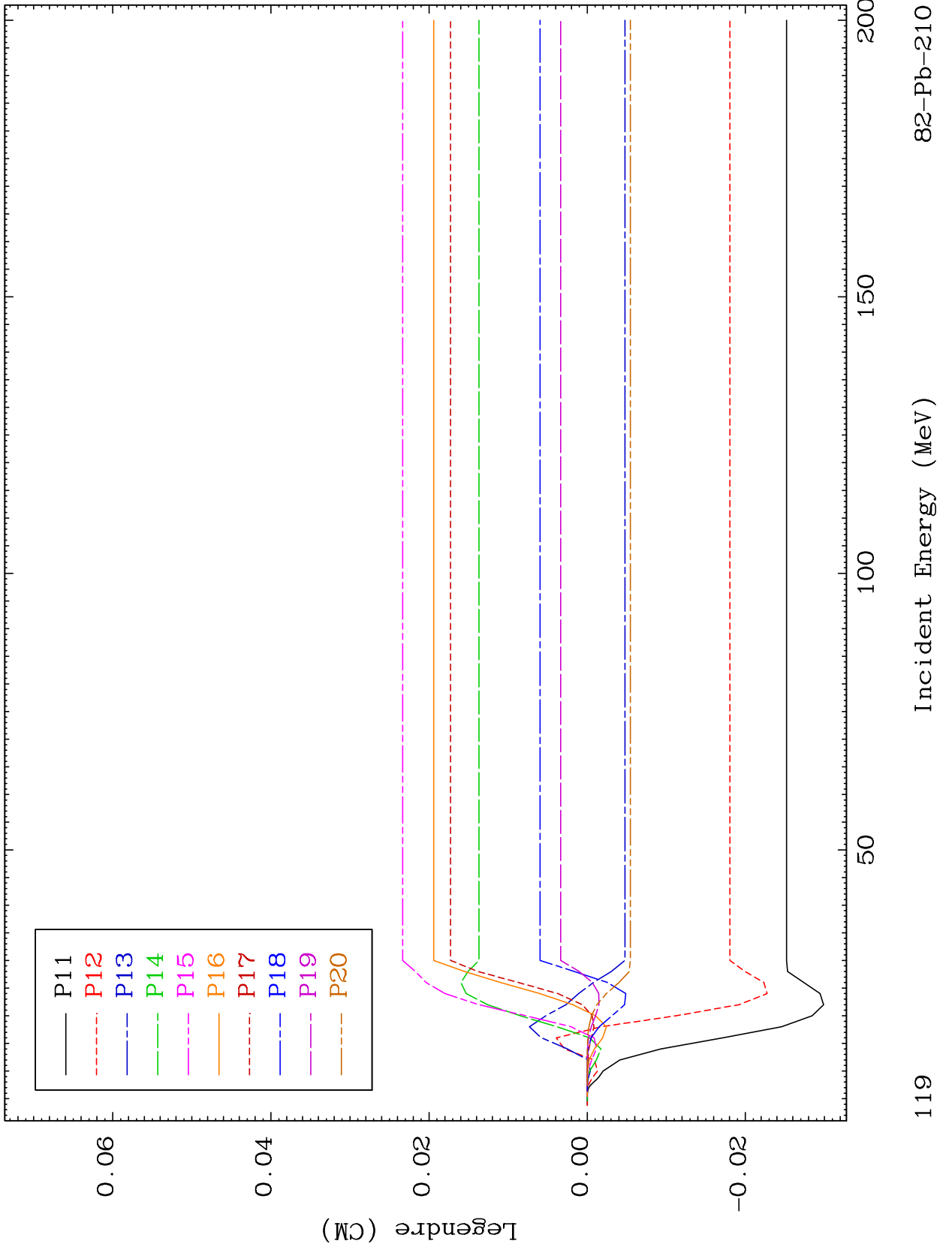
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



119

Incident Energy (MeV)

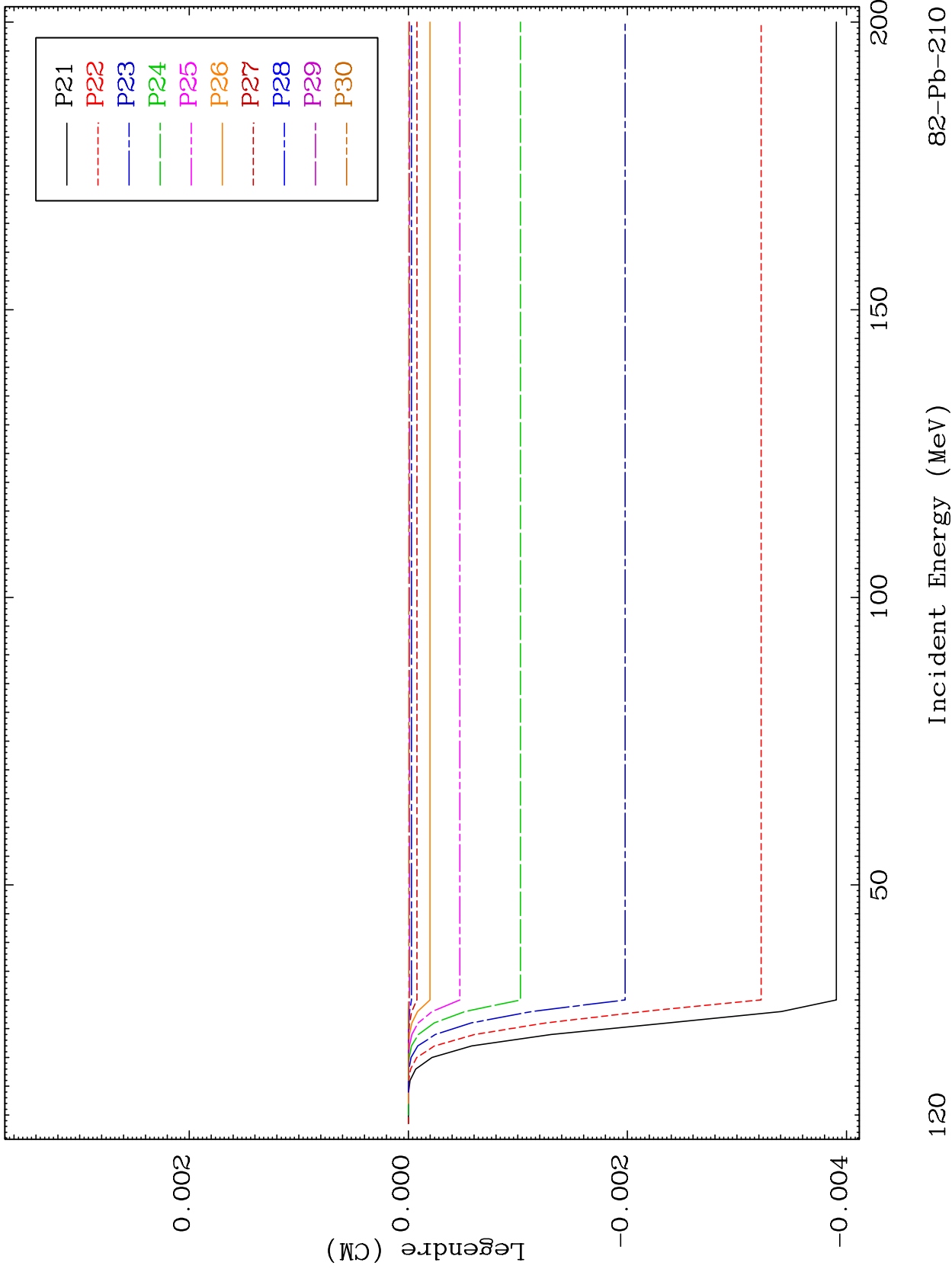
82-Pb-210



MAT 8243

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

82-Pb-210



120

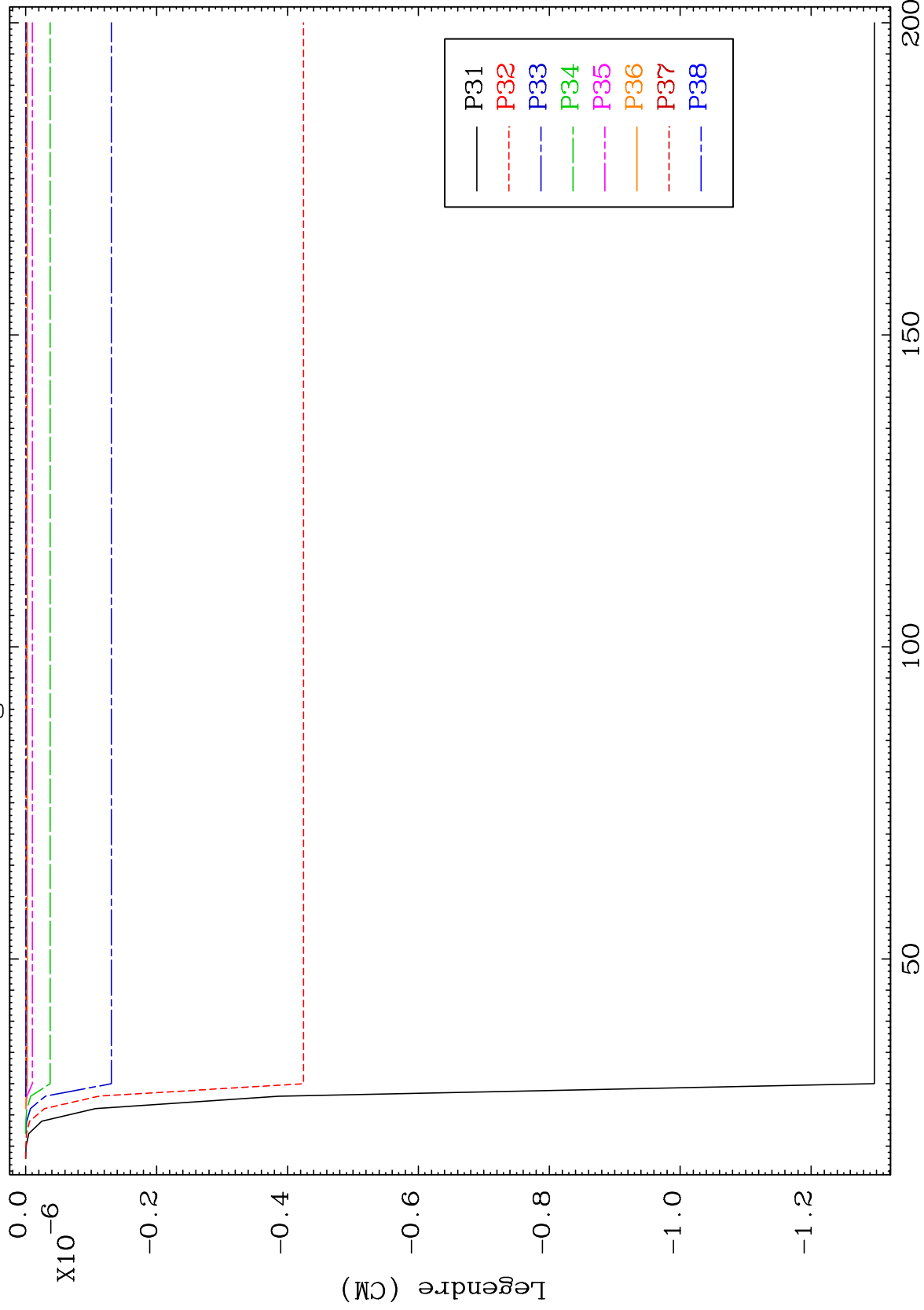
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

82-Pb-210



121

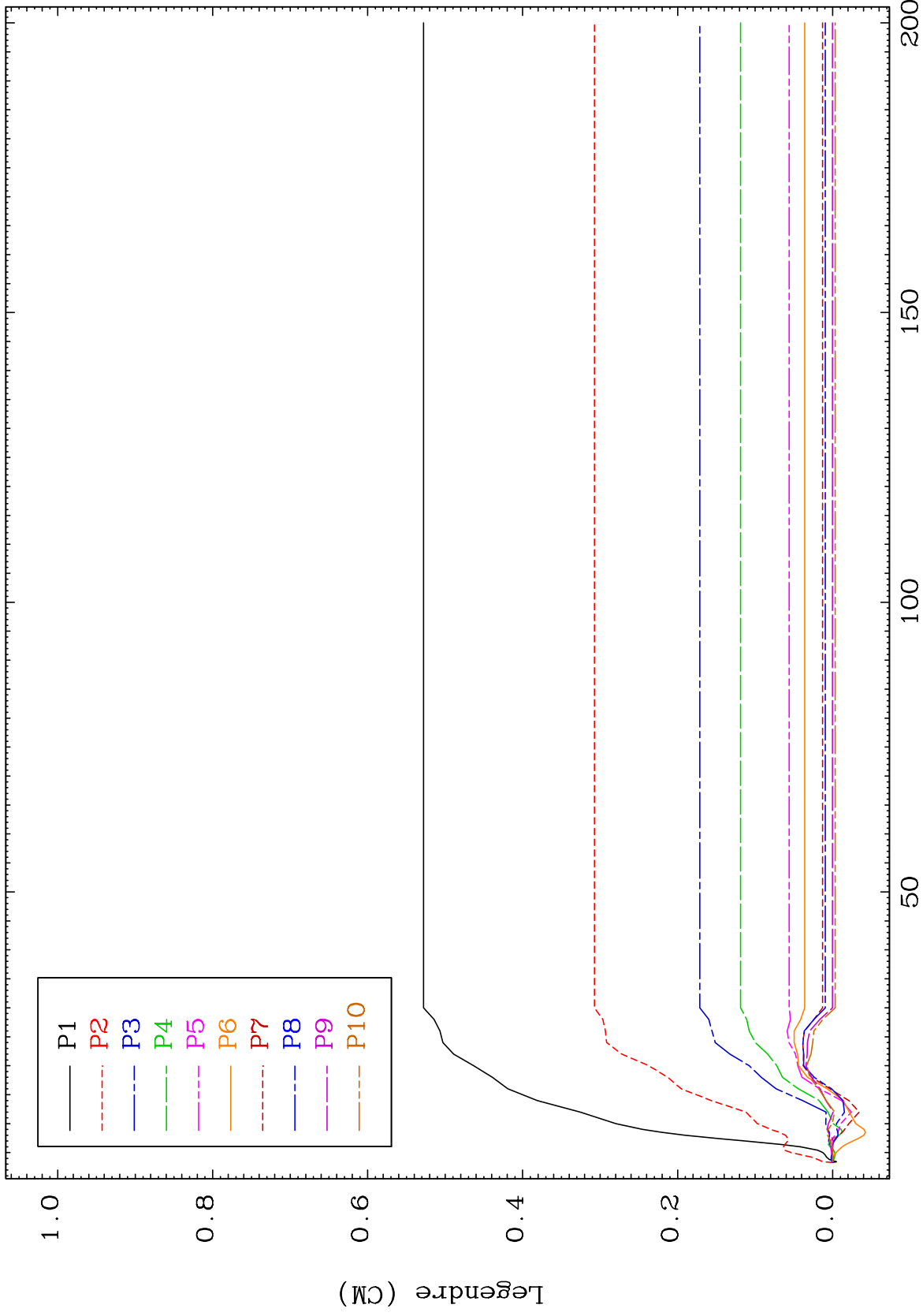
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

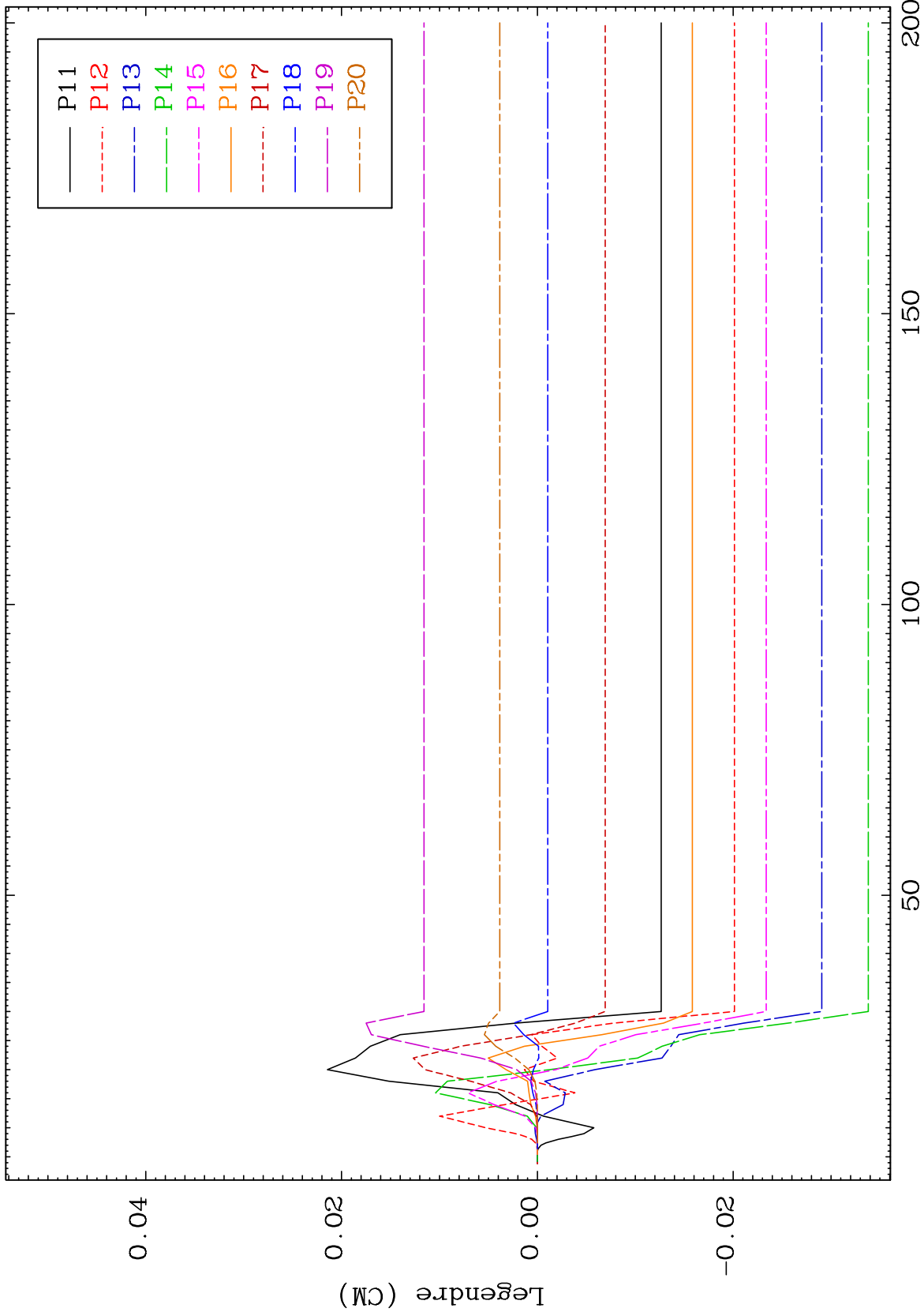
82-Pb-210



MAT 8243

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

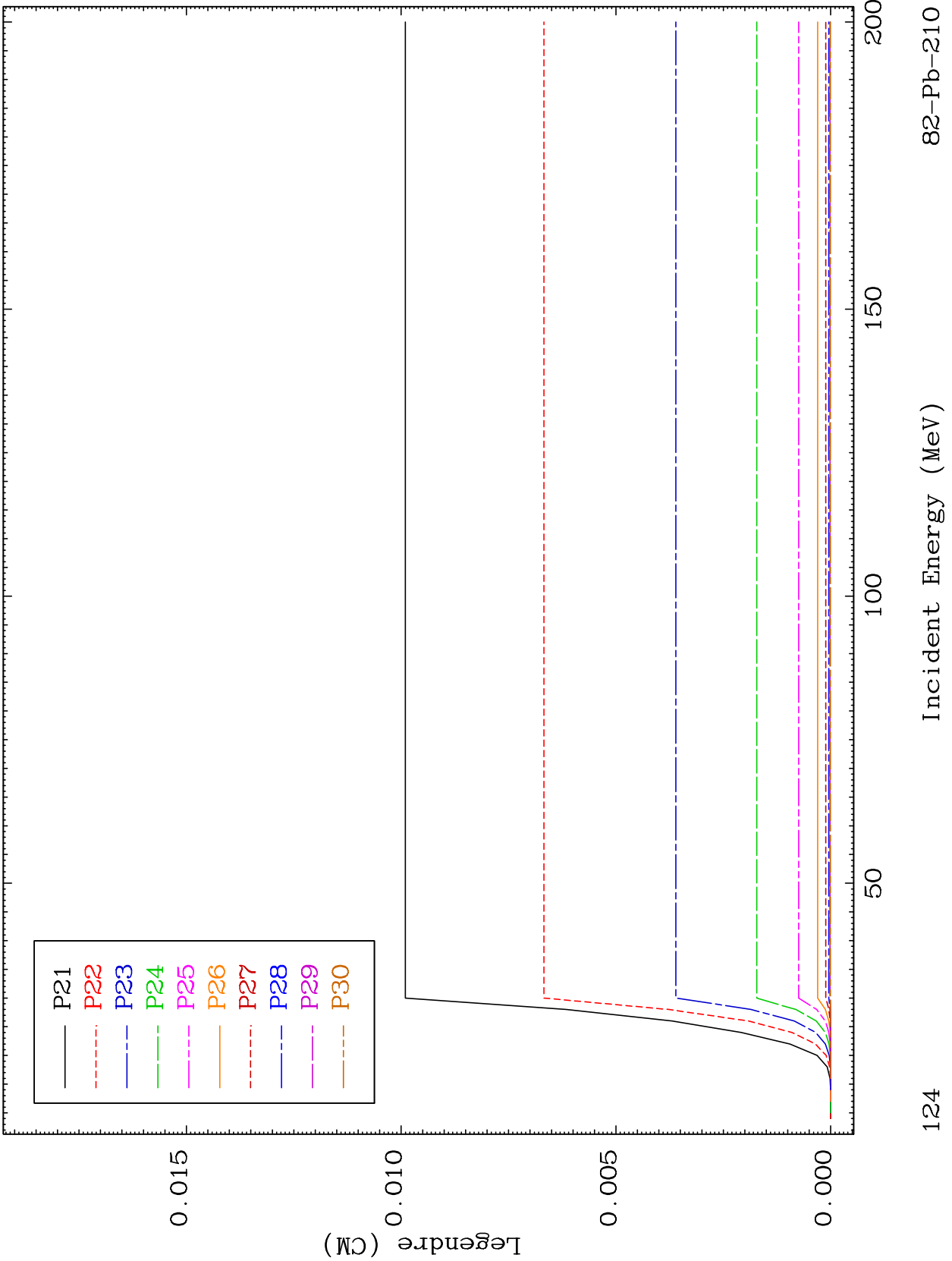
82-Pb-210



MAT 8243

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

82-Pb-210



124

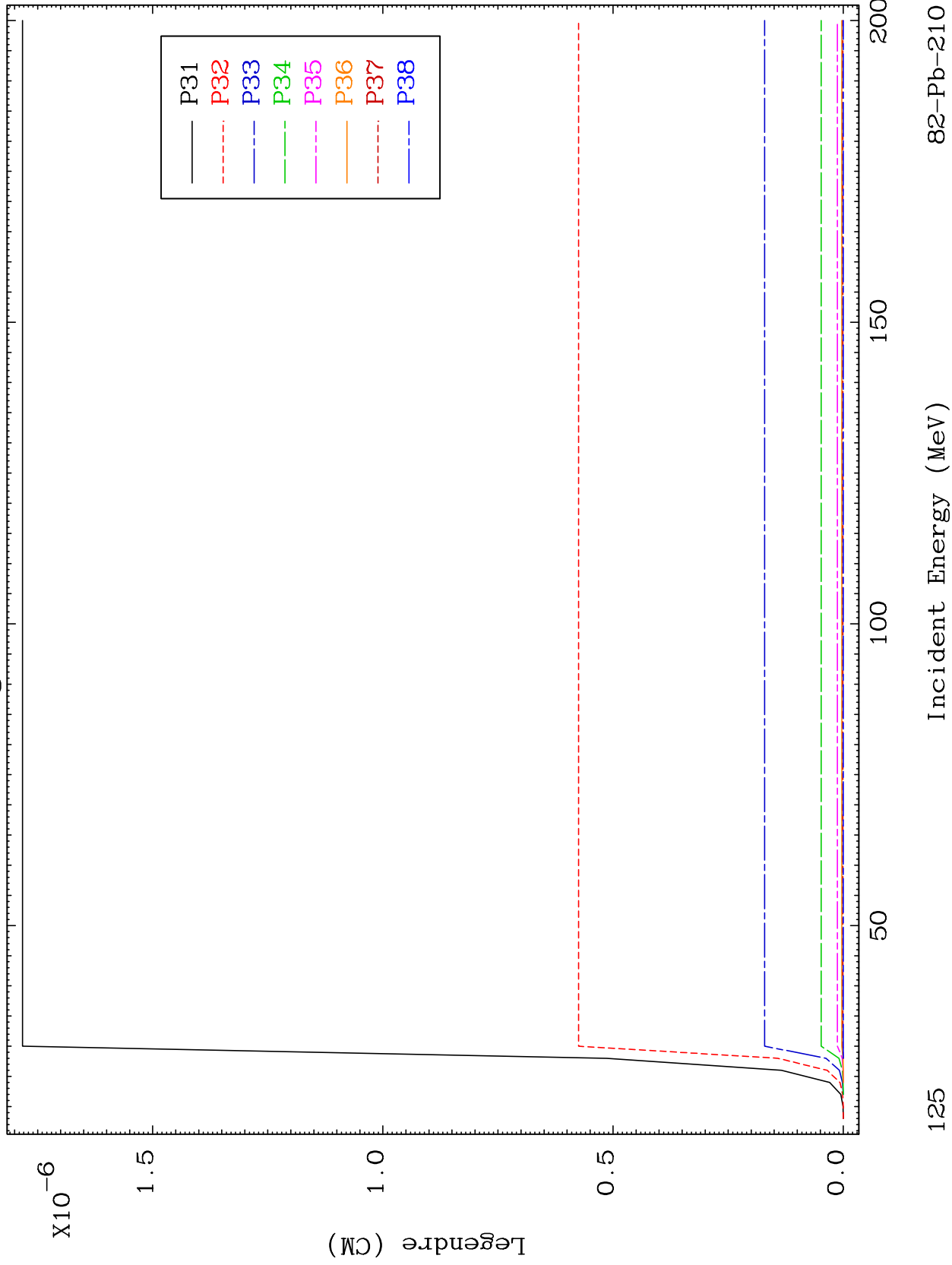
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

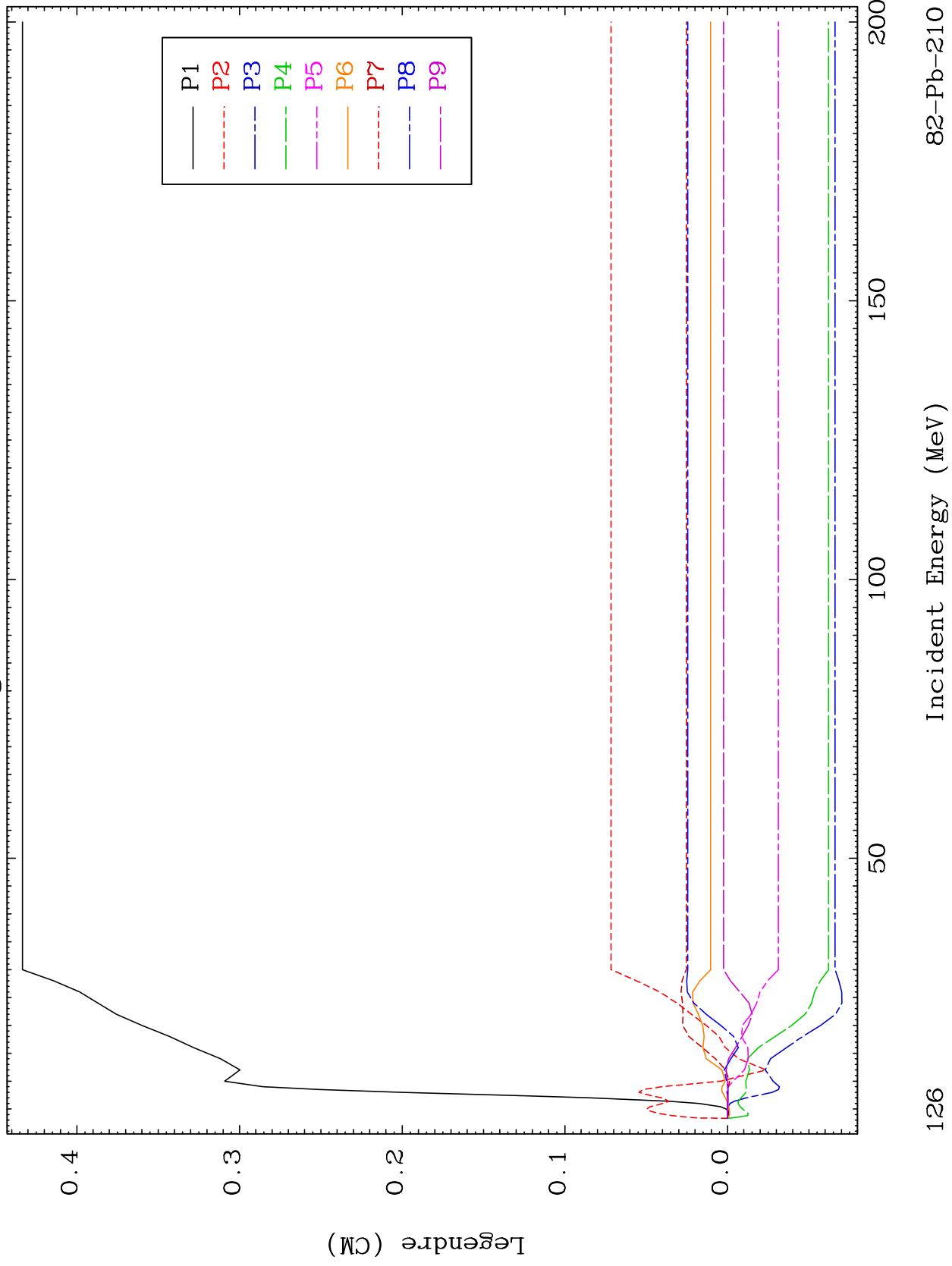
82-Pb-210



MAT 8243

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

82-Pb-210



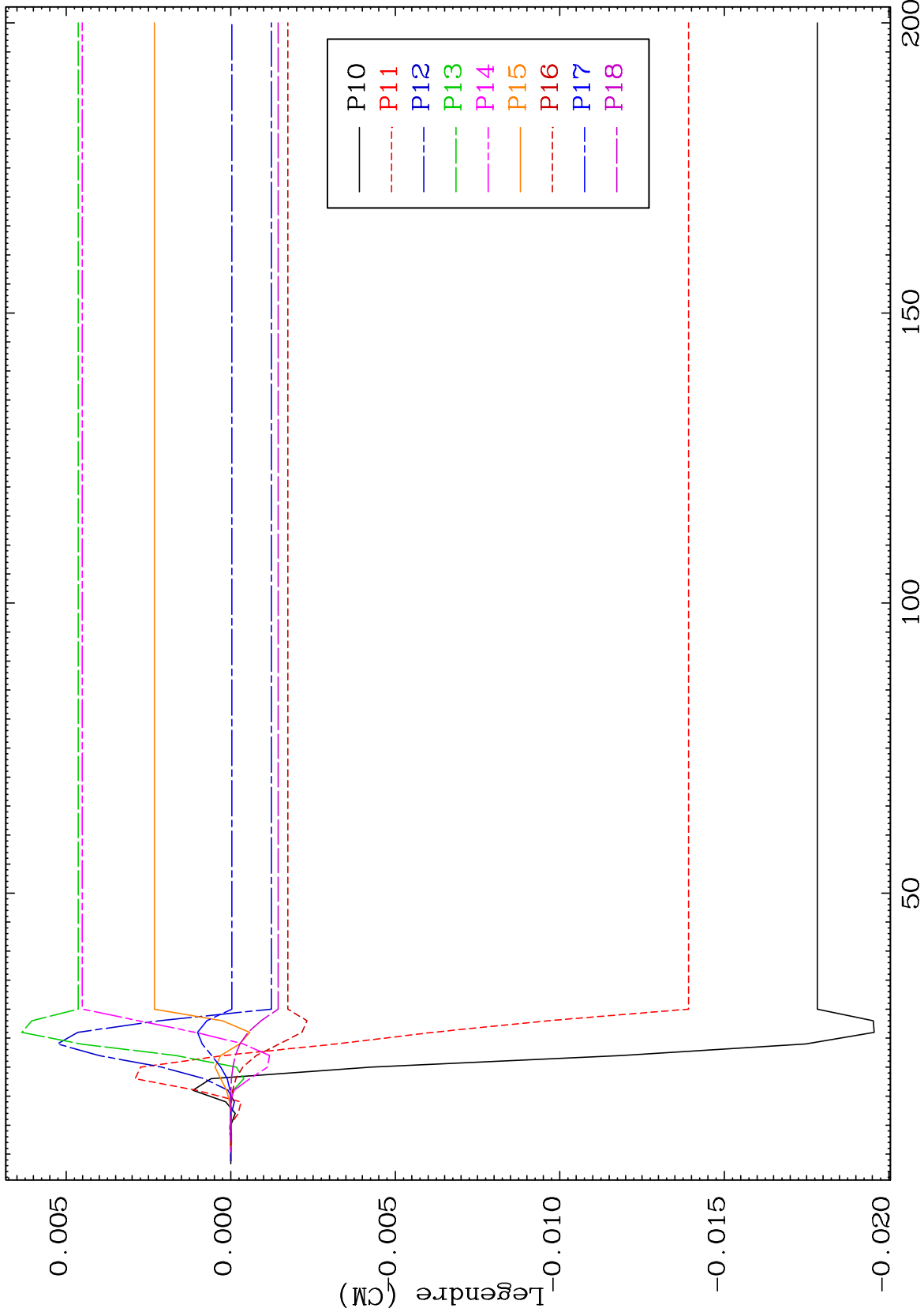
126

82-Pb-210

MAT 8243

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

82-Pb-210

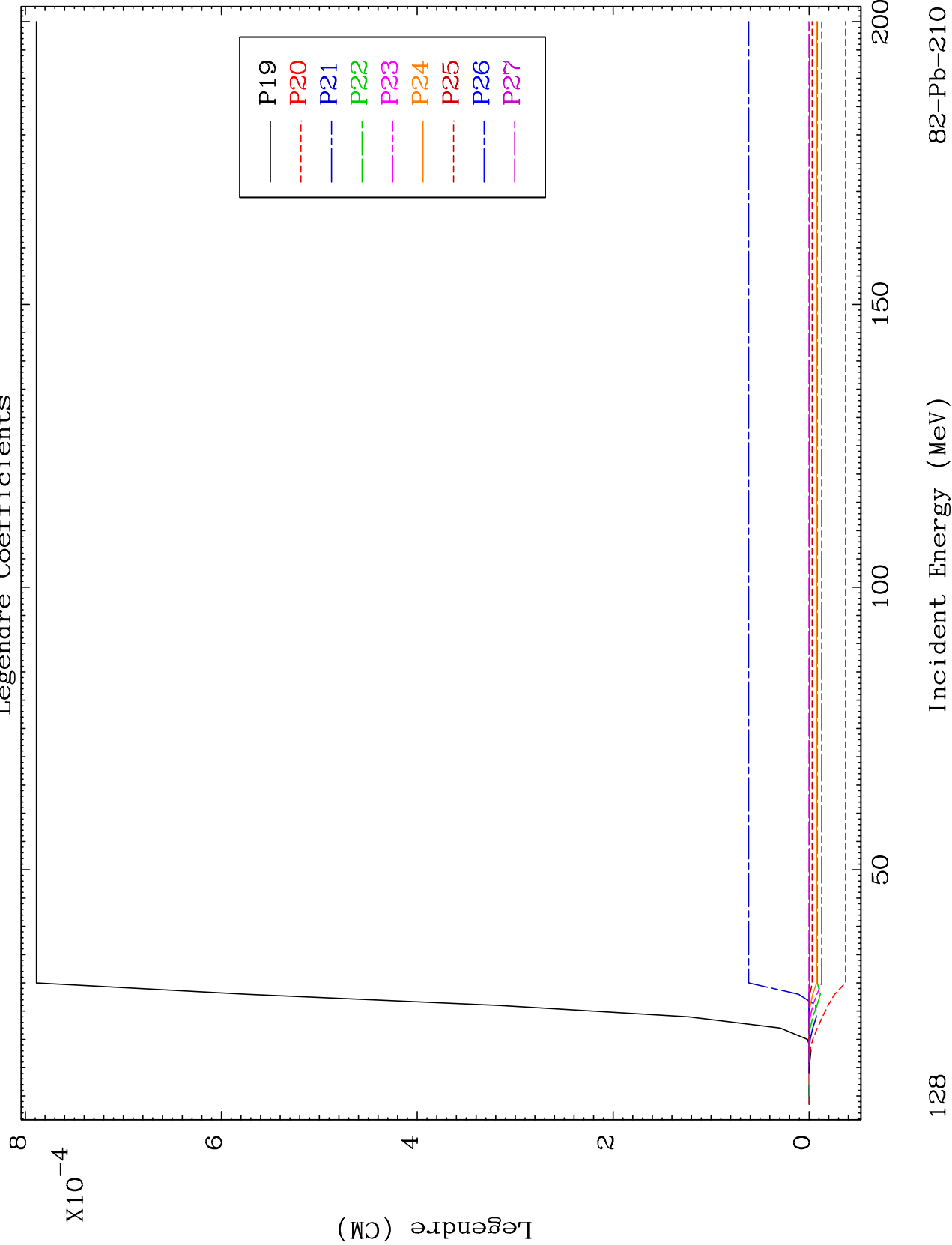




MAT 8243

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

82-Pb-210



128

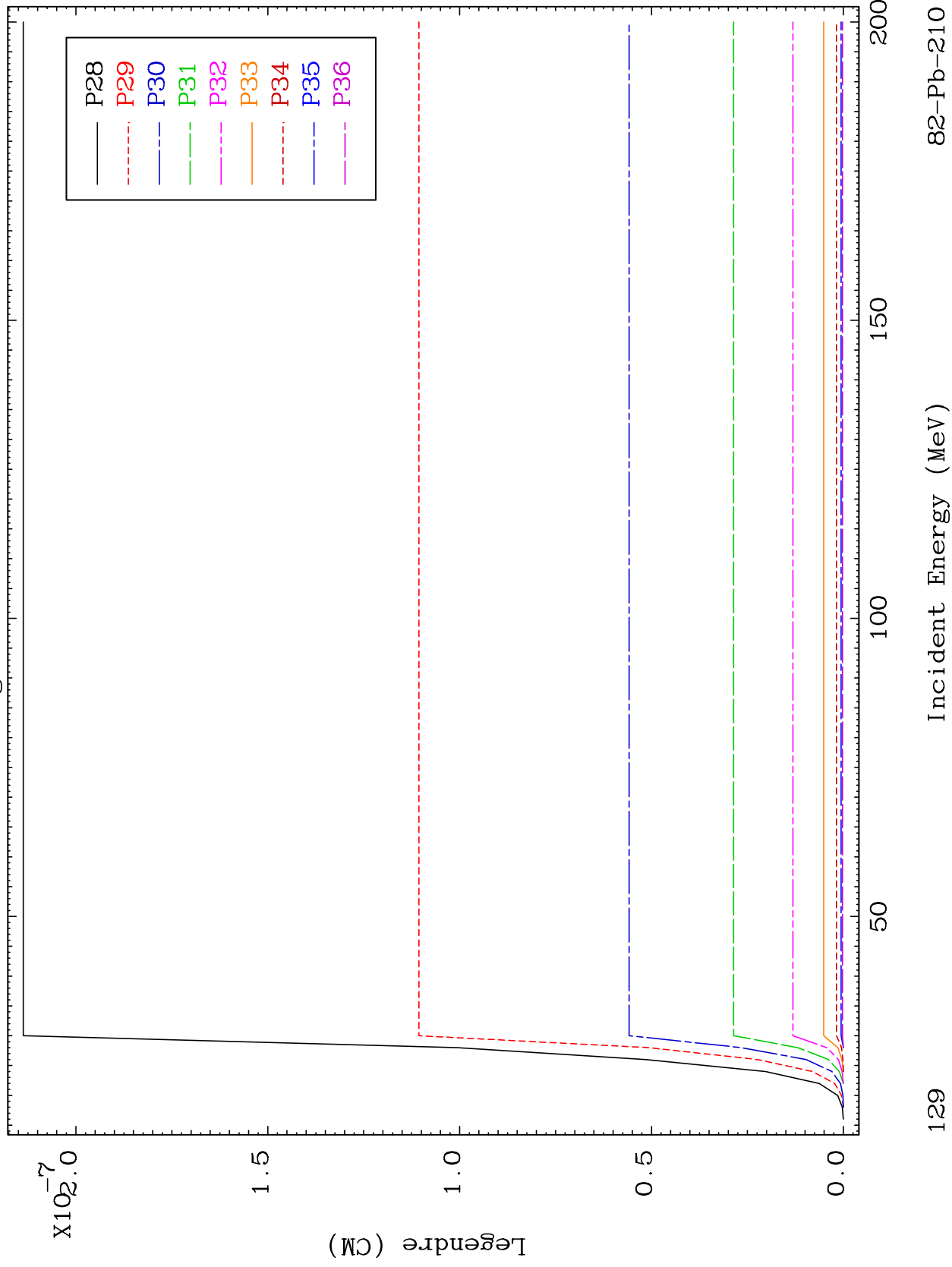
Incident Energy (MeV)

82-Pb-210

MAT 8243

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

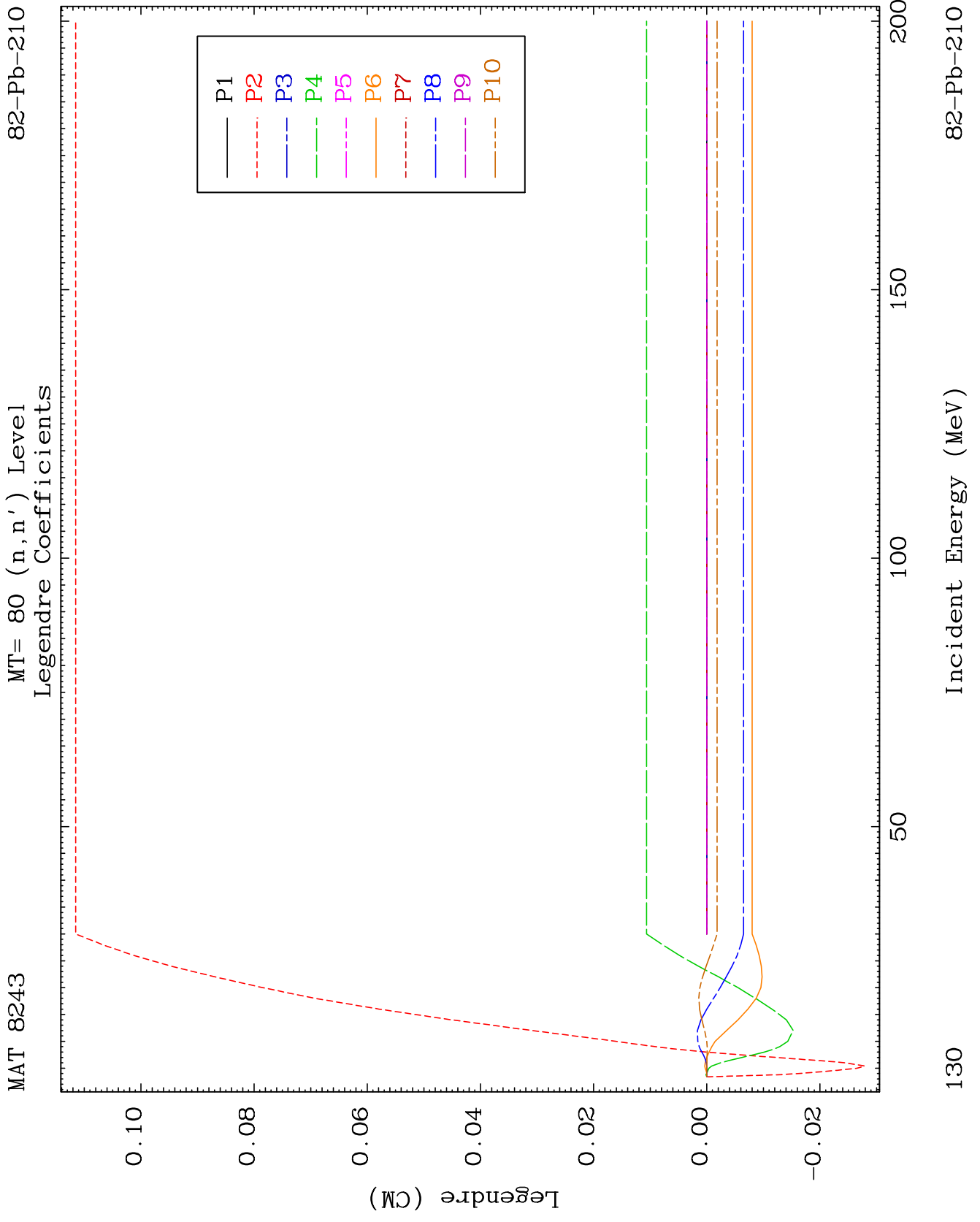
82-Pb-210



129

Incident Energy (MeV)

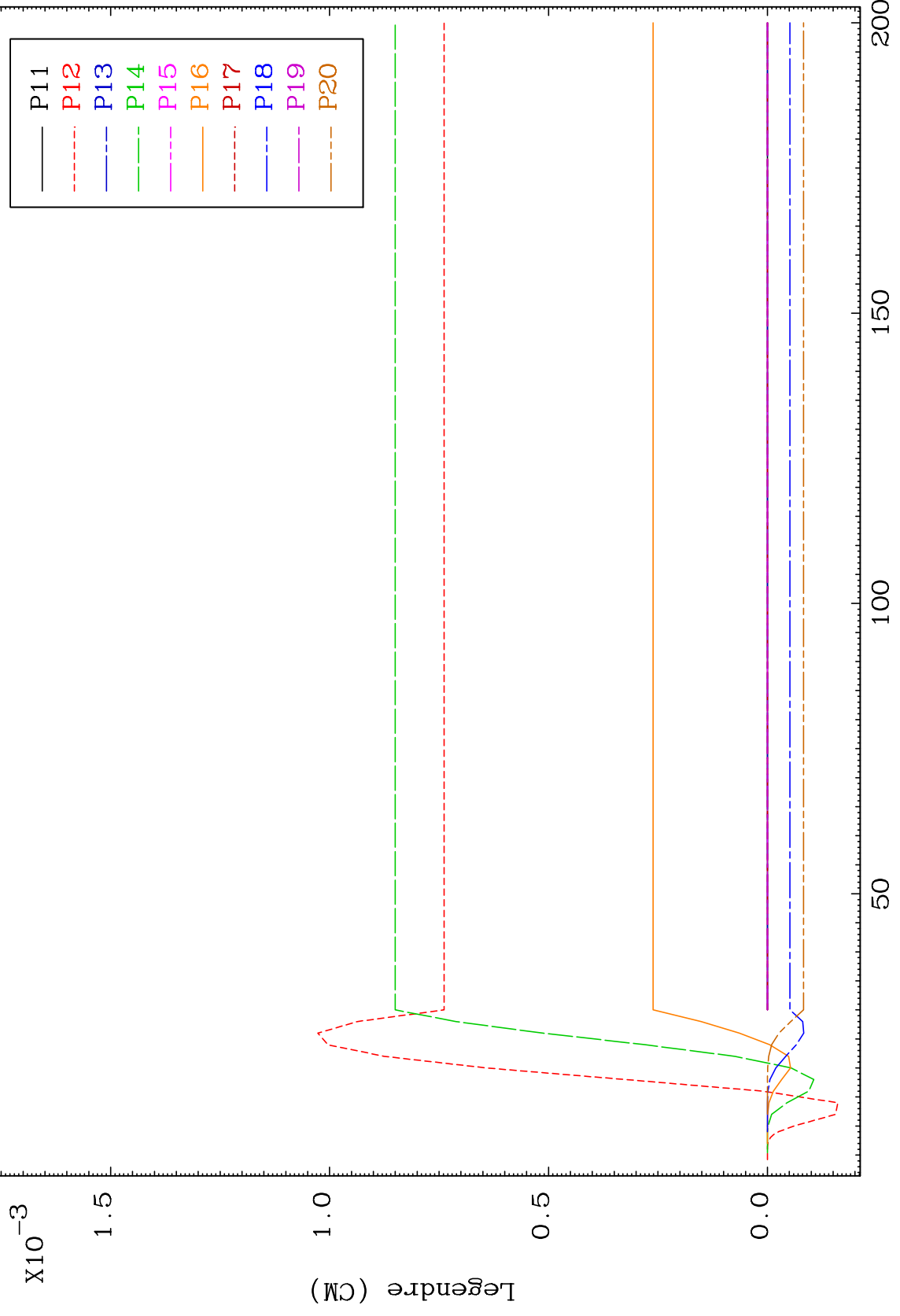
82-Pb-210



MAT 8243

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

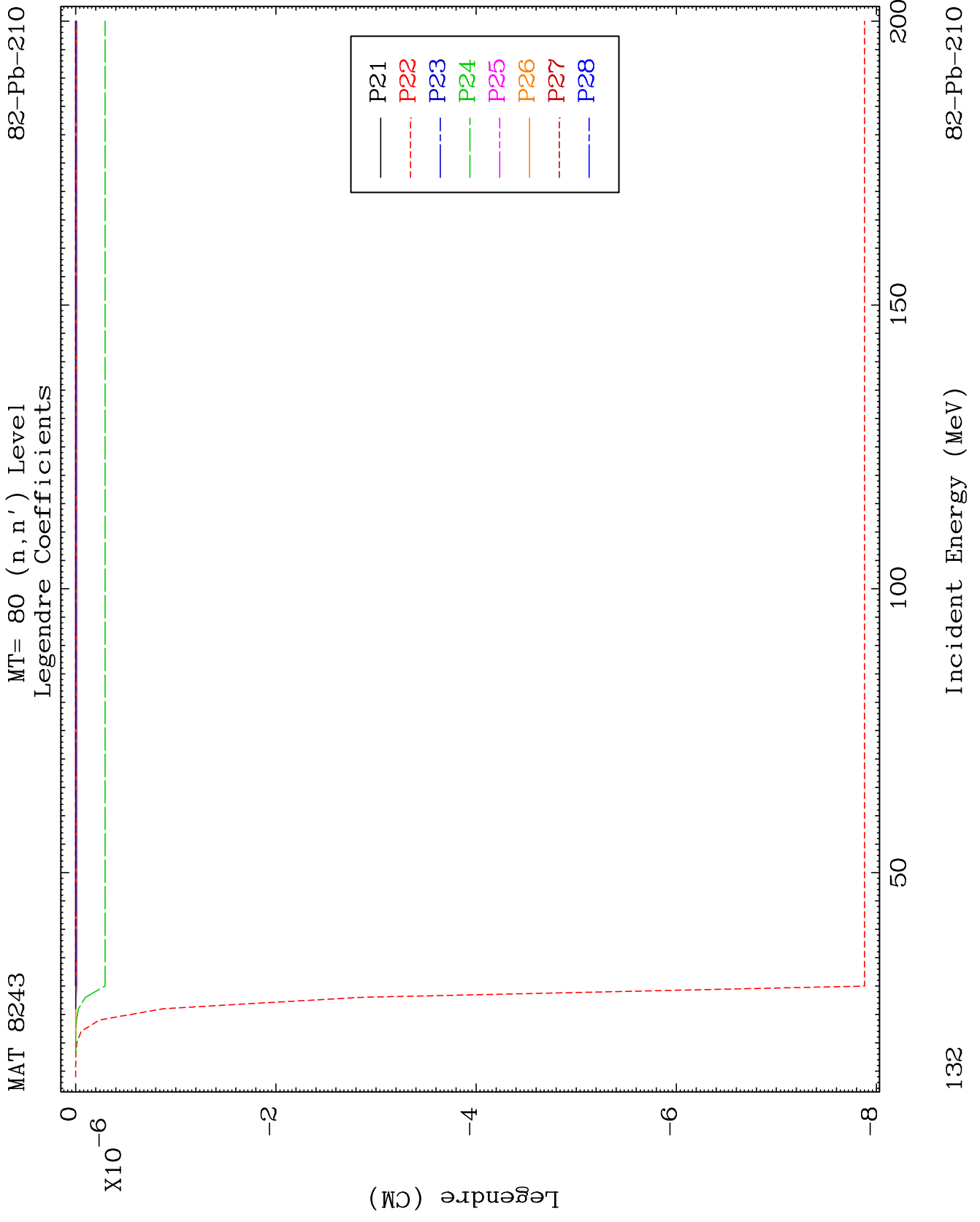
82-Pb-210



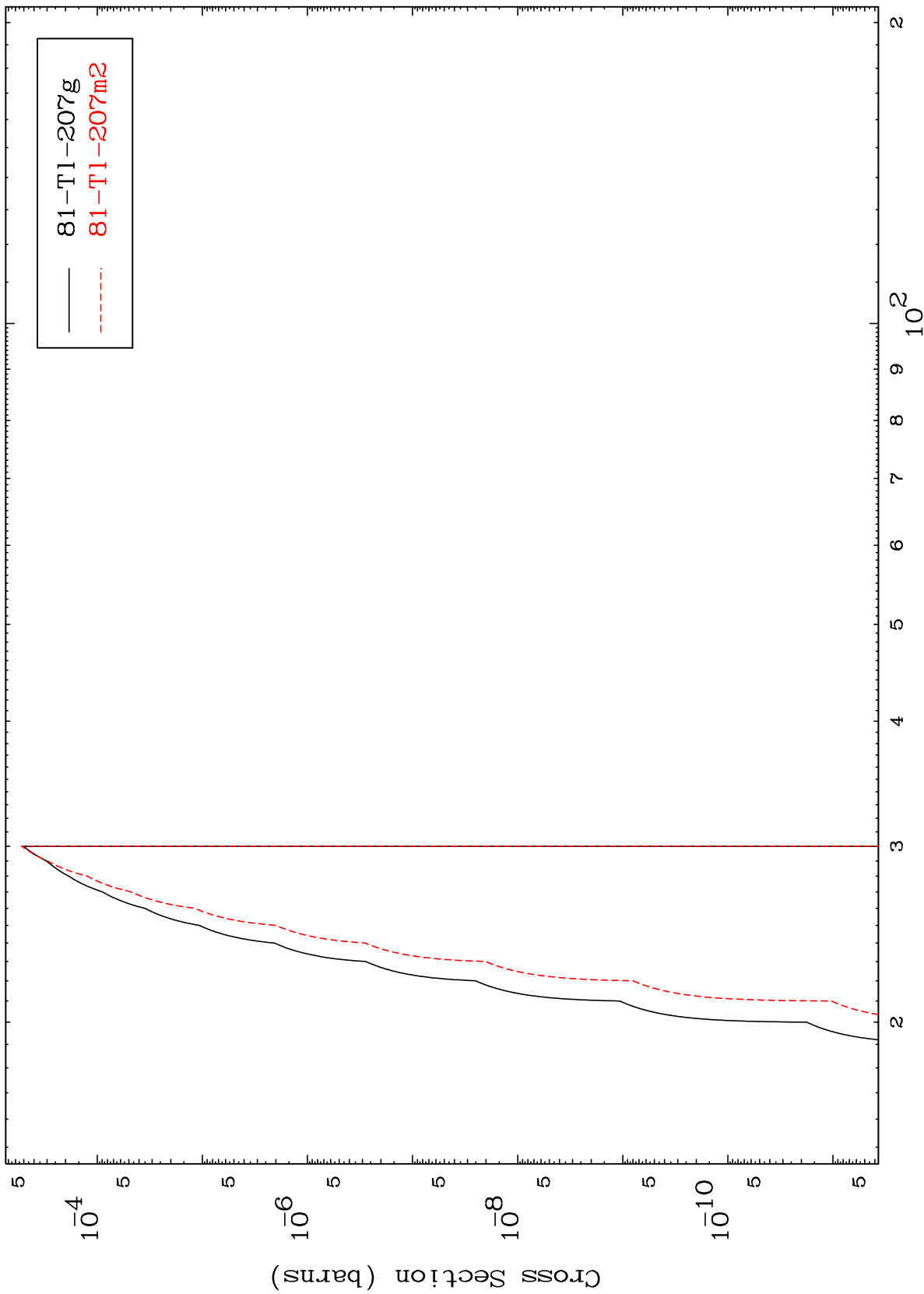
131

Incident Energy (MeV)

82-Pb-210



Radionuclide Production Cross Section

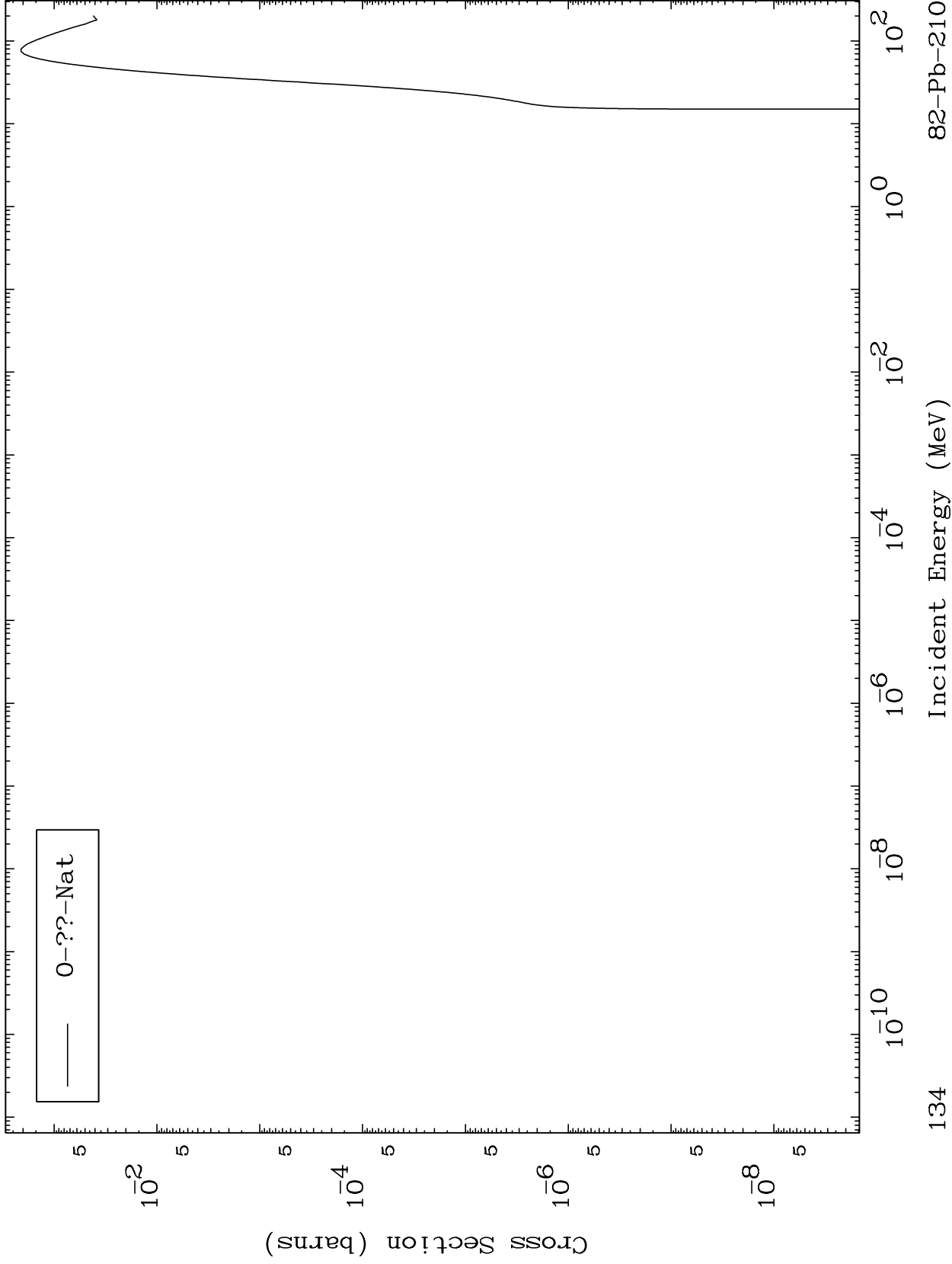


MAT 8243

Fission

82-Pb-210

Radionuclide Production Cross Section



134

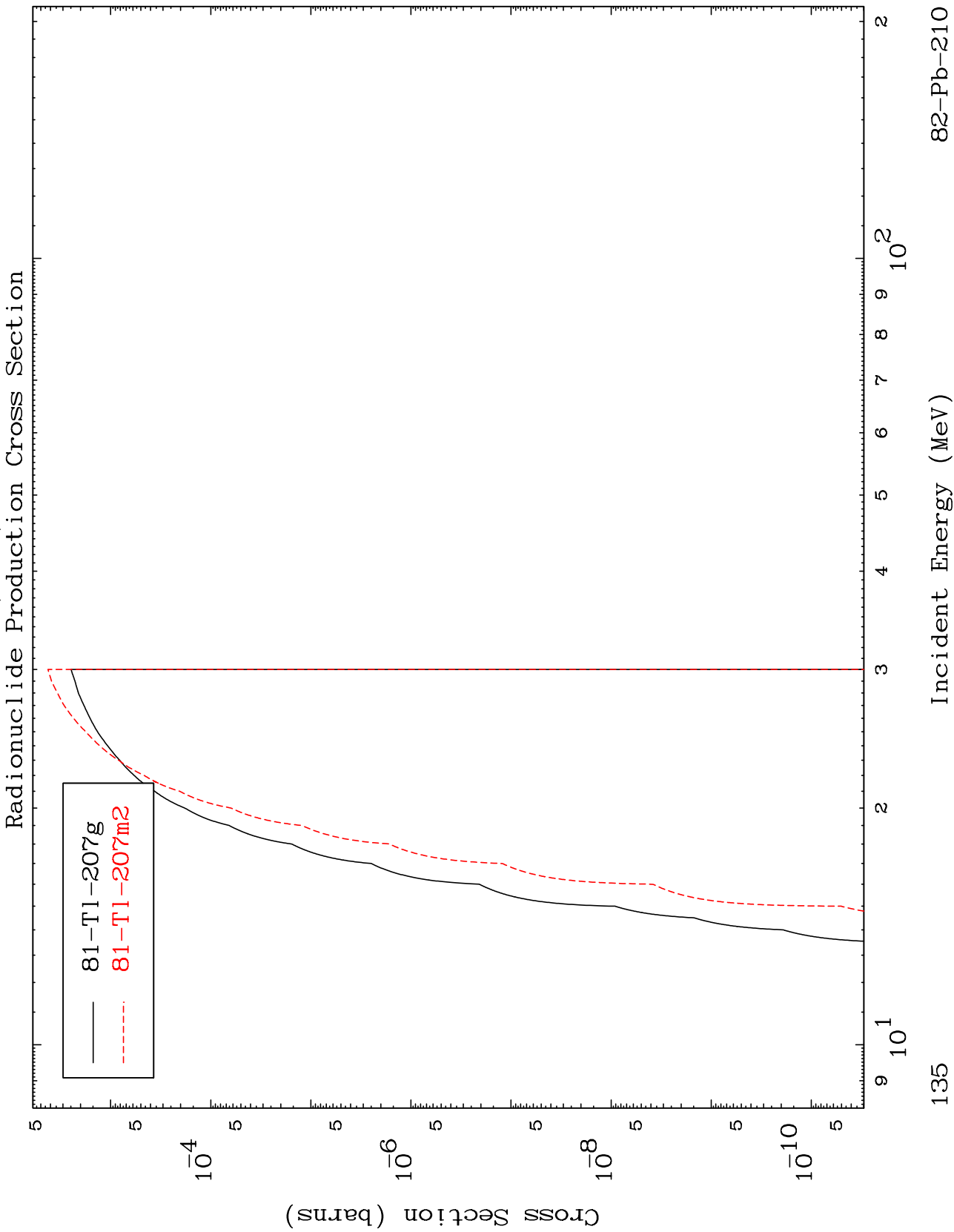
Incident Energy (MeV)

82-Pb-210

MAT 8243

(n,n') t

82-Pb-210



135

Incident Energy (MeV)

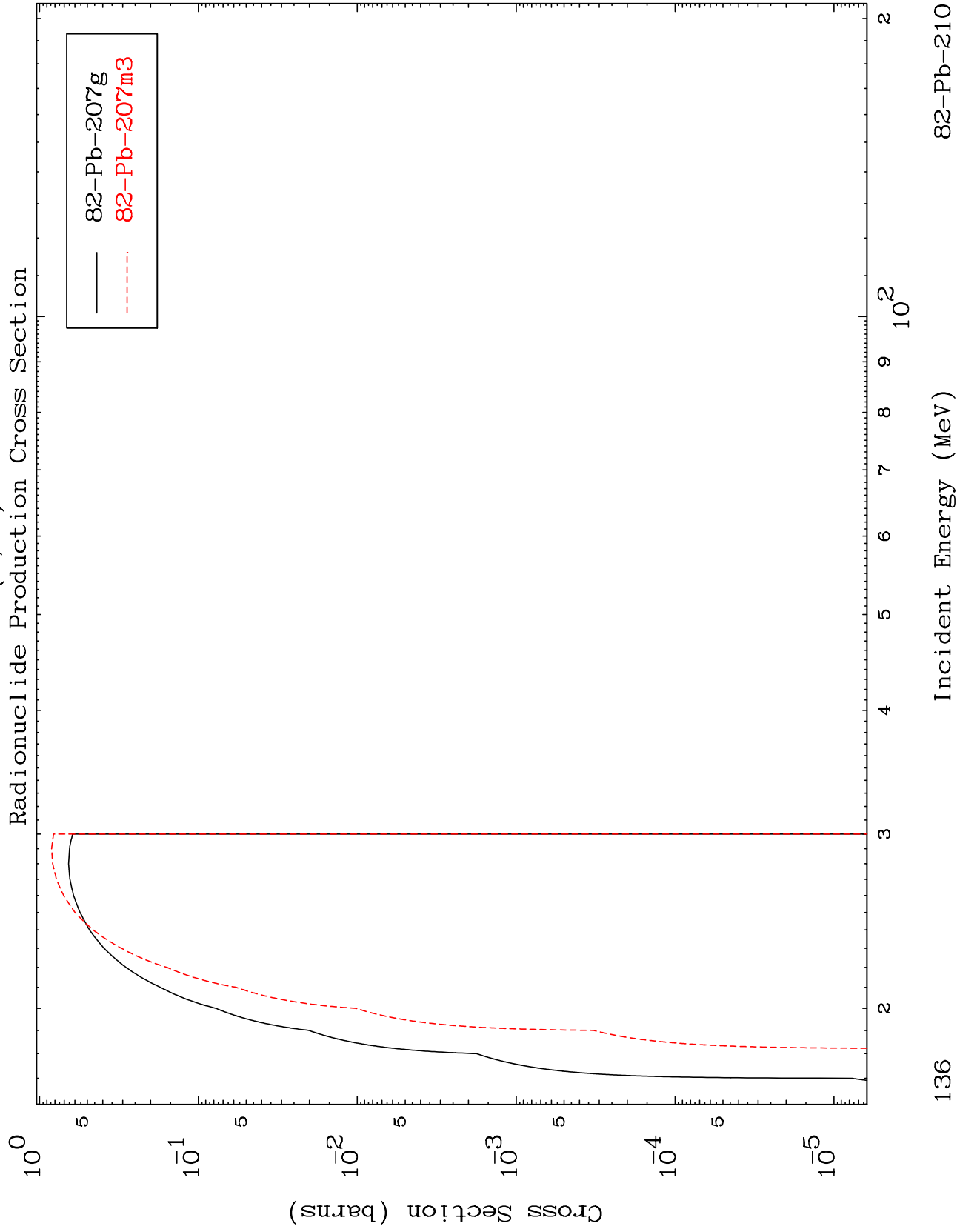
82-Pb-210



MAT 8243

(n,4n)

82-Pb-210



136

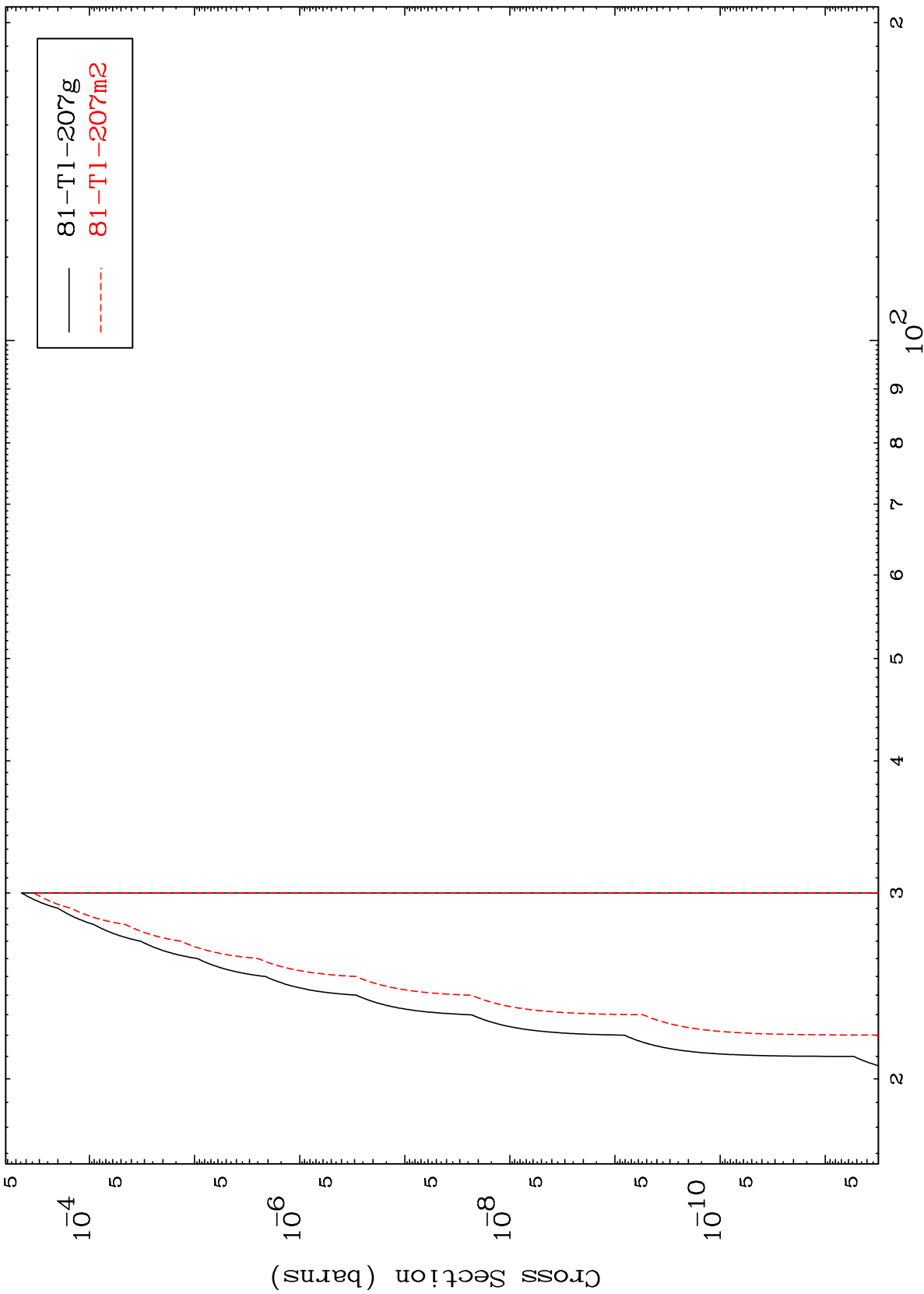
82-Pb-210

MAT 8243

(n,3n) p

82-Pb-210

Radionuclide Production Cross Section



137

Incident Energy (MeV)

82-Pb-210