

Program EVALPLOT  
(Version 2017-1)

by

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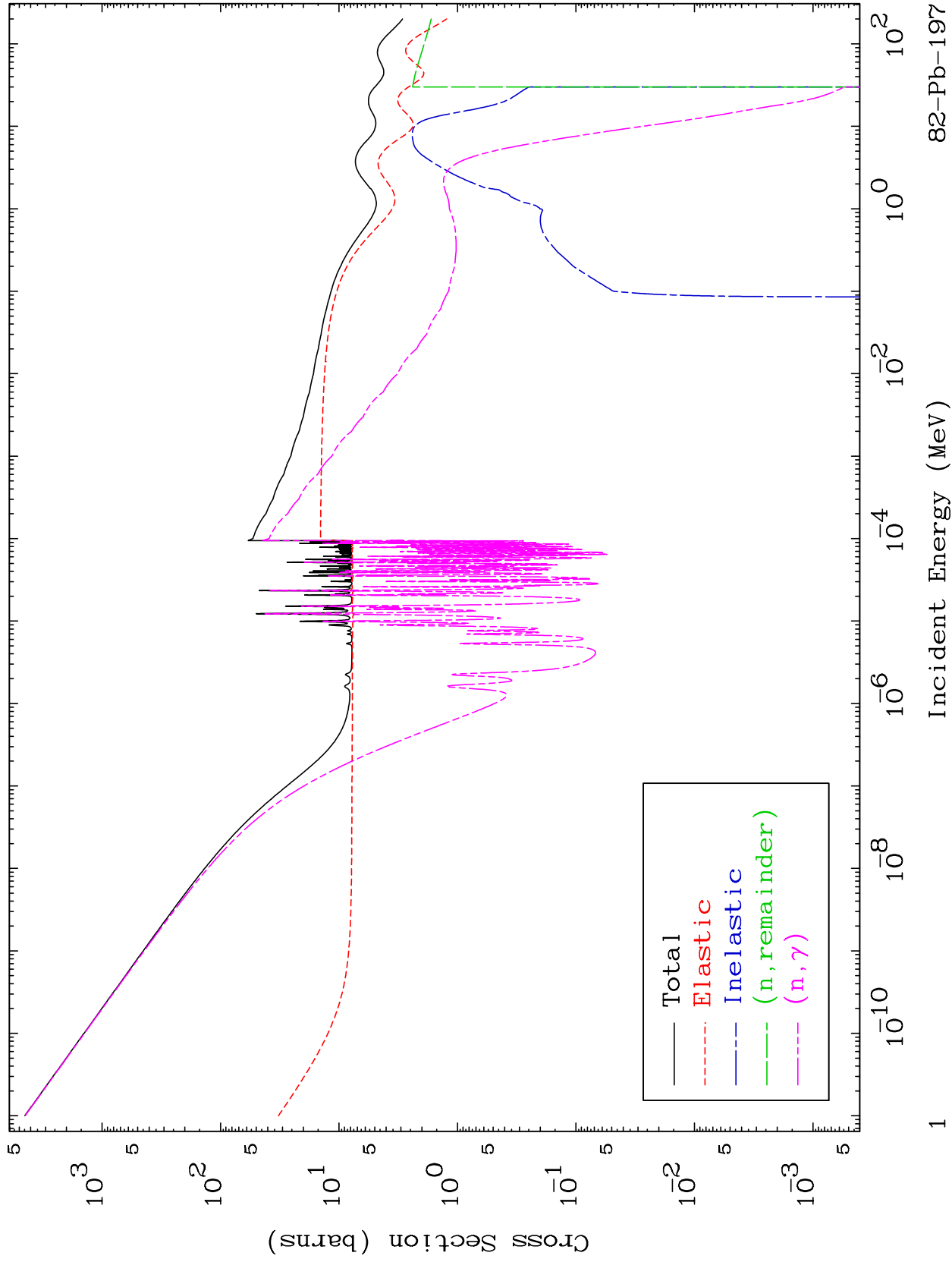
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Press Mouse Button to Start

MAT 8204

Major  
293 Kelvin Cross Sections

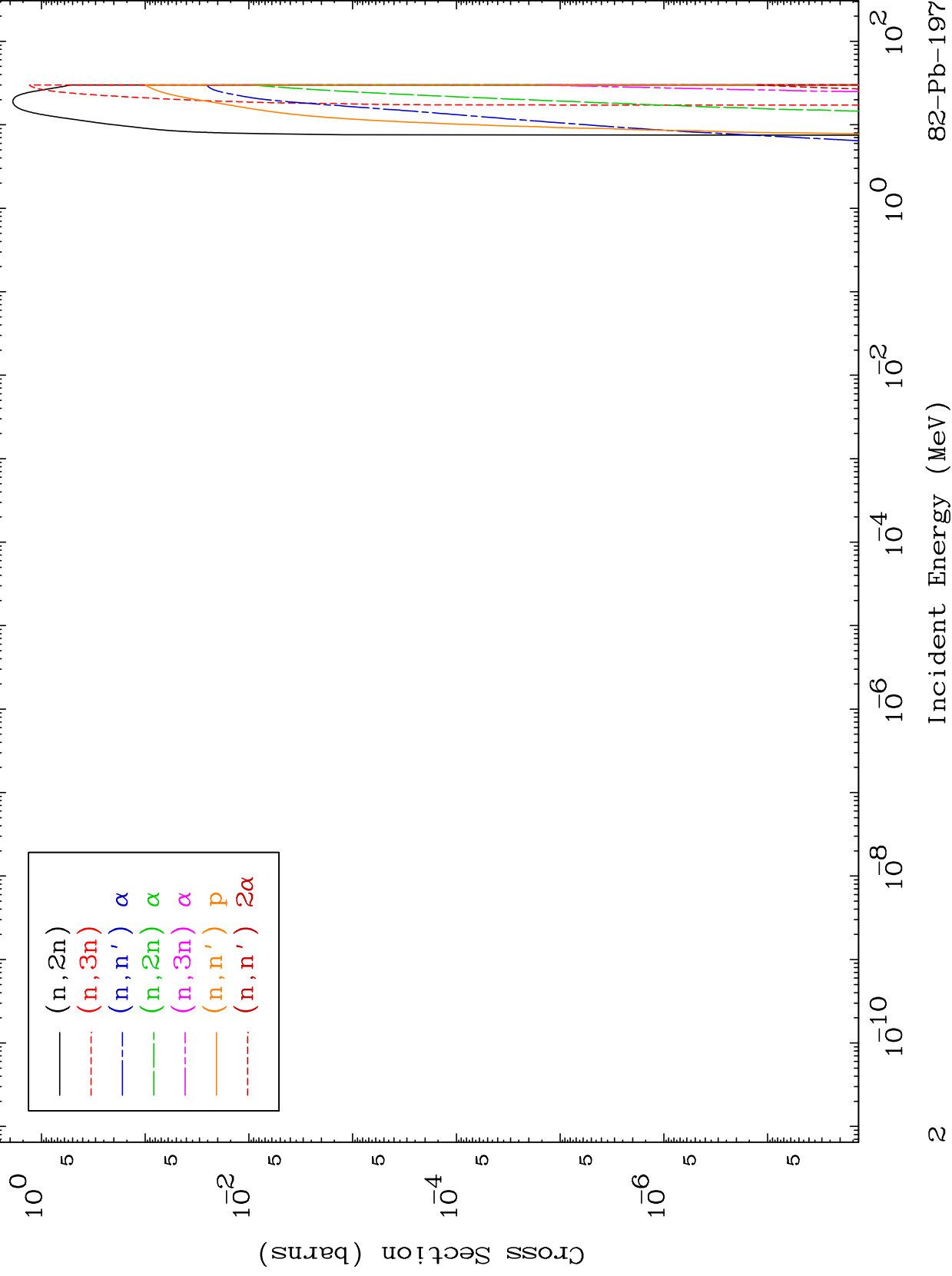
82-Pb-197

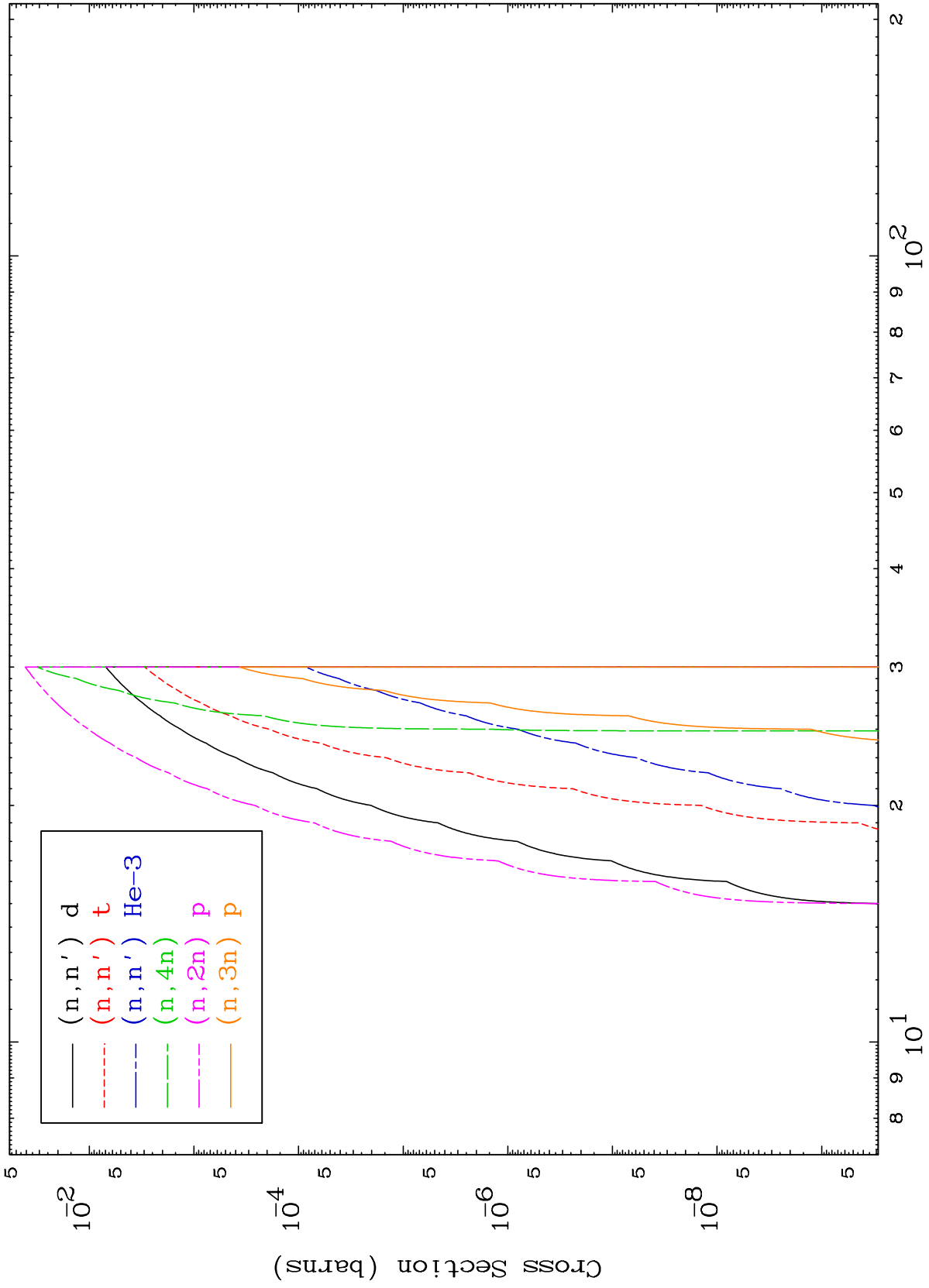


MAT 8204

Neutron Production  
293 Kelvin Cross Sections

82-Pb-197

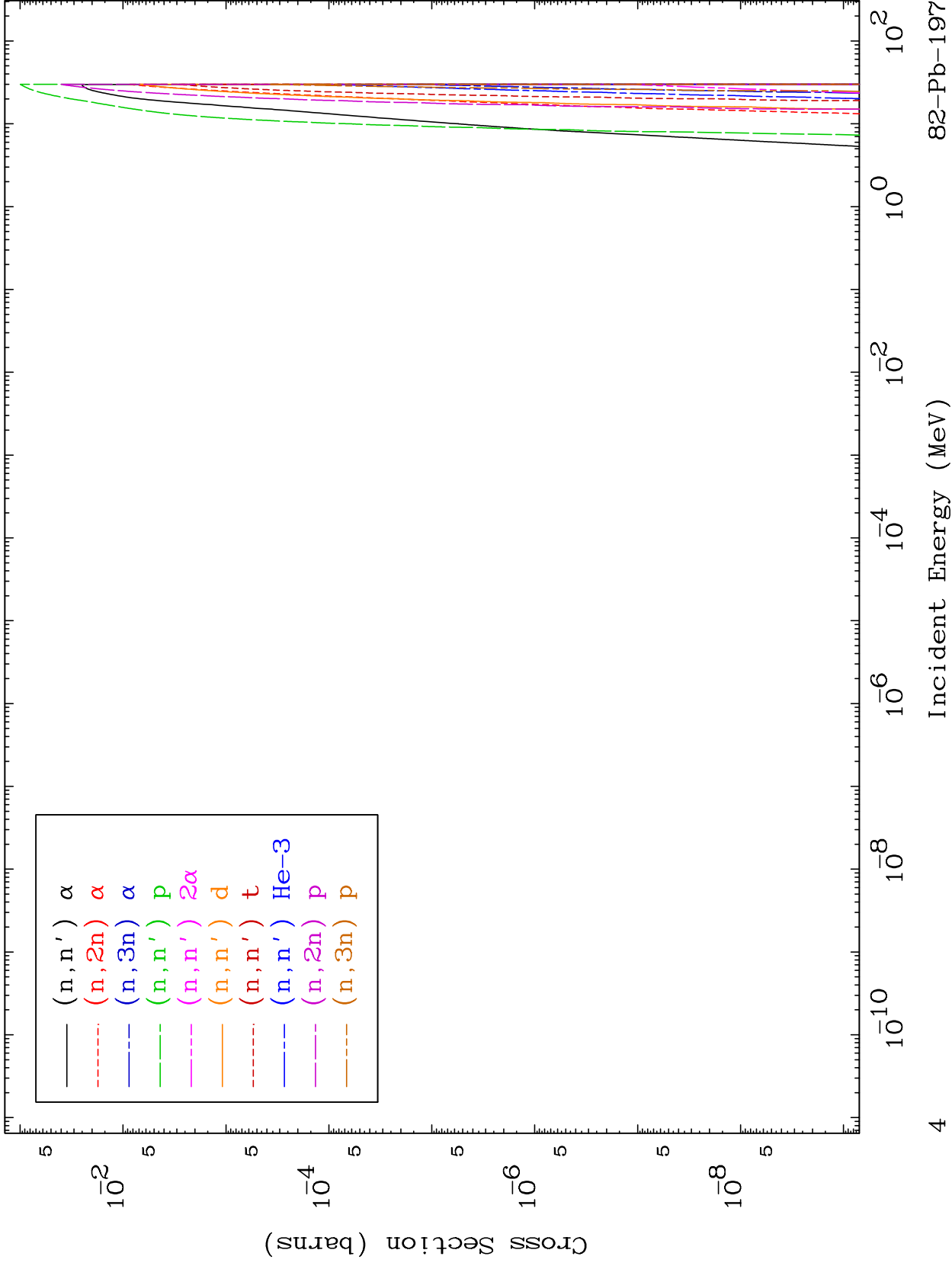




MAT 8204

Charged Particle  
293 Kelvin Cross Sections

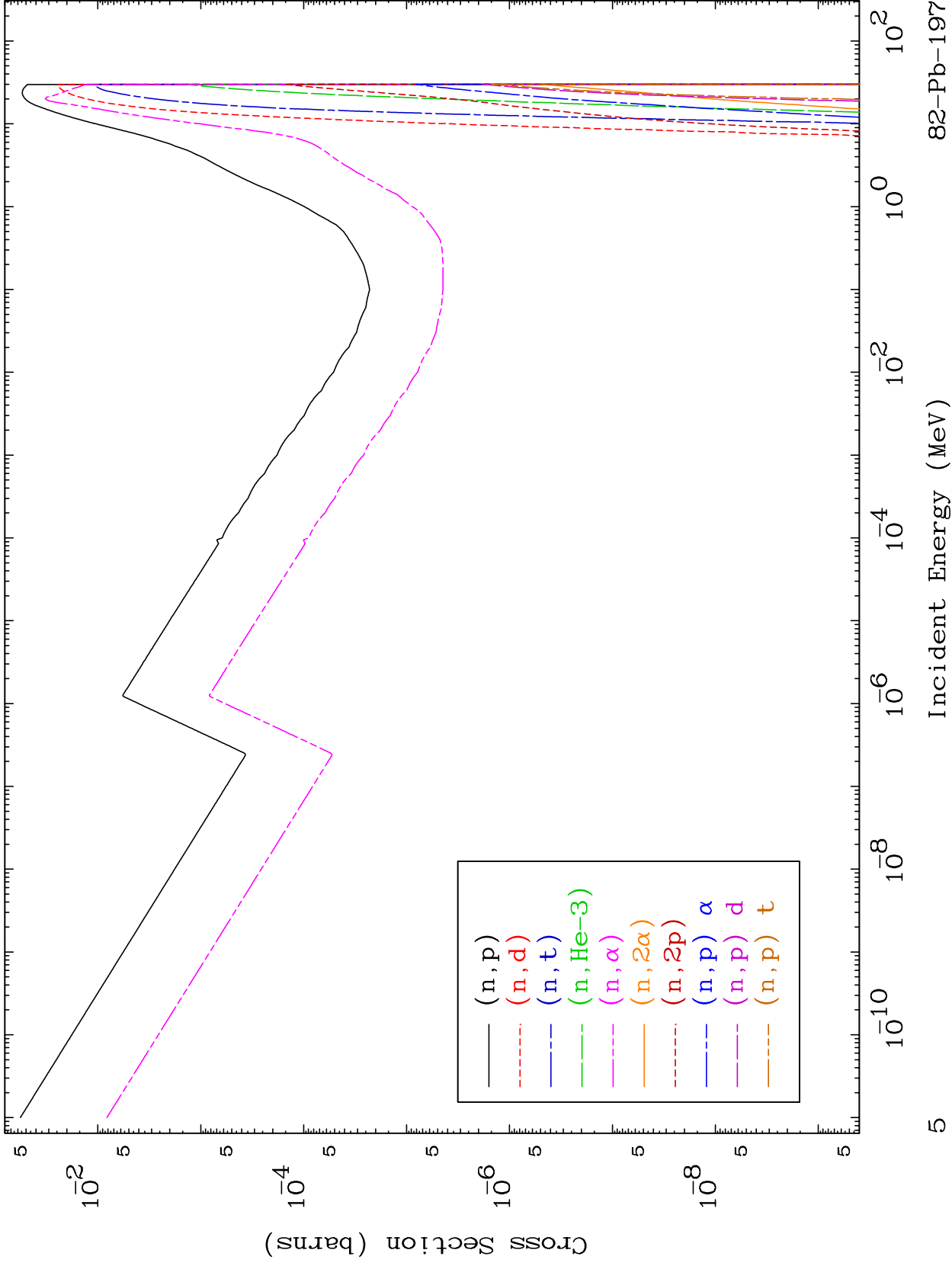
82-Pb-197



MAT 8204

Charged Particle  
293 Kelvin Cross Sections

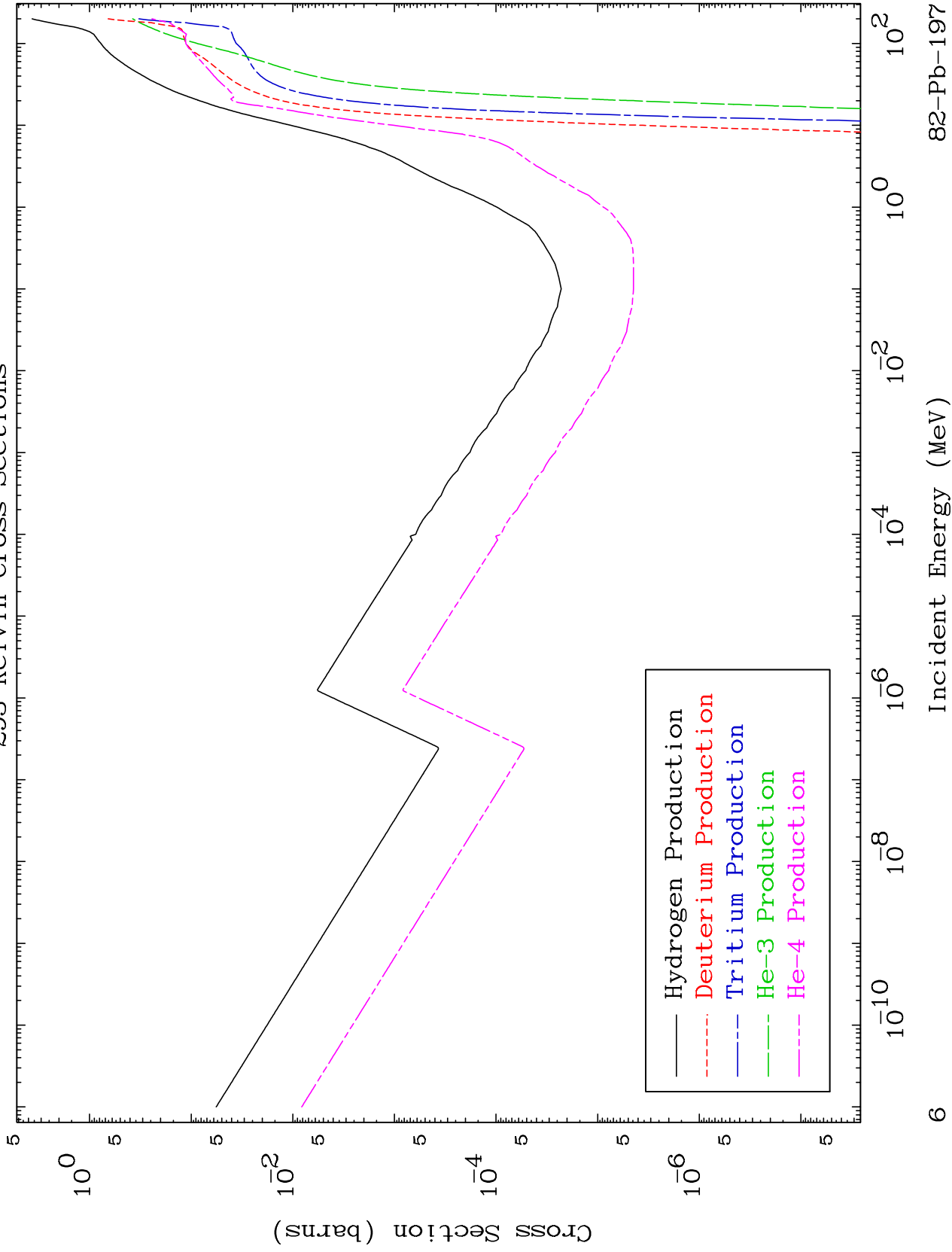
82-Pb-197



MAT 8204

Particle Production  
293 Kelvin Cross Sections

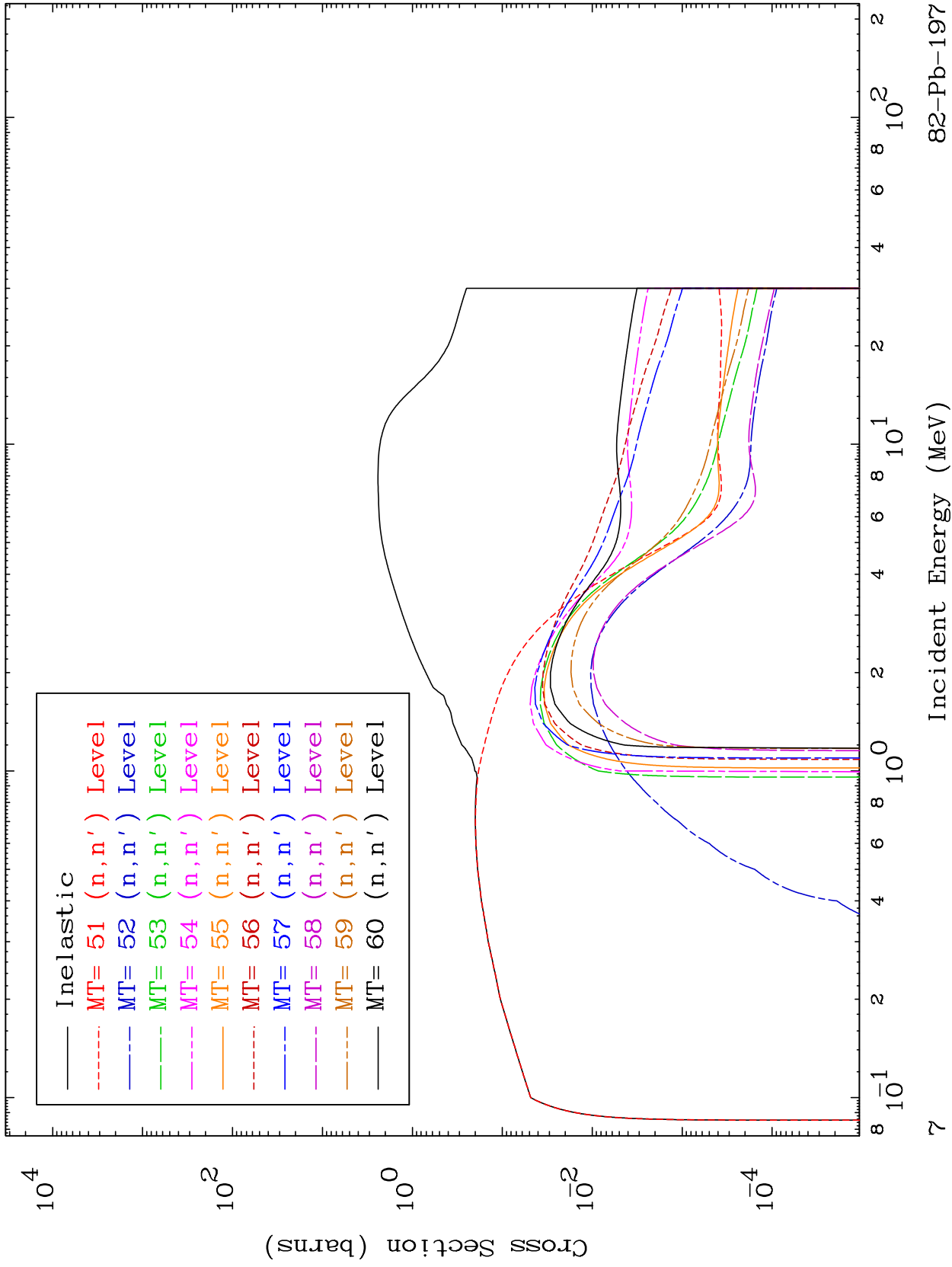
82-Pb-197



MAT 8204

(n,n') Level  
293 Kelvin Cross Sections

82-Pb-197



82-Pb-197

Incident Energy (MeV)

7

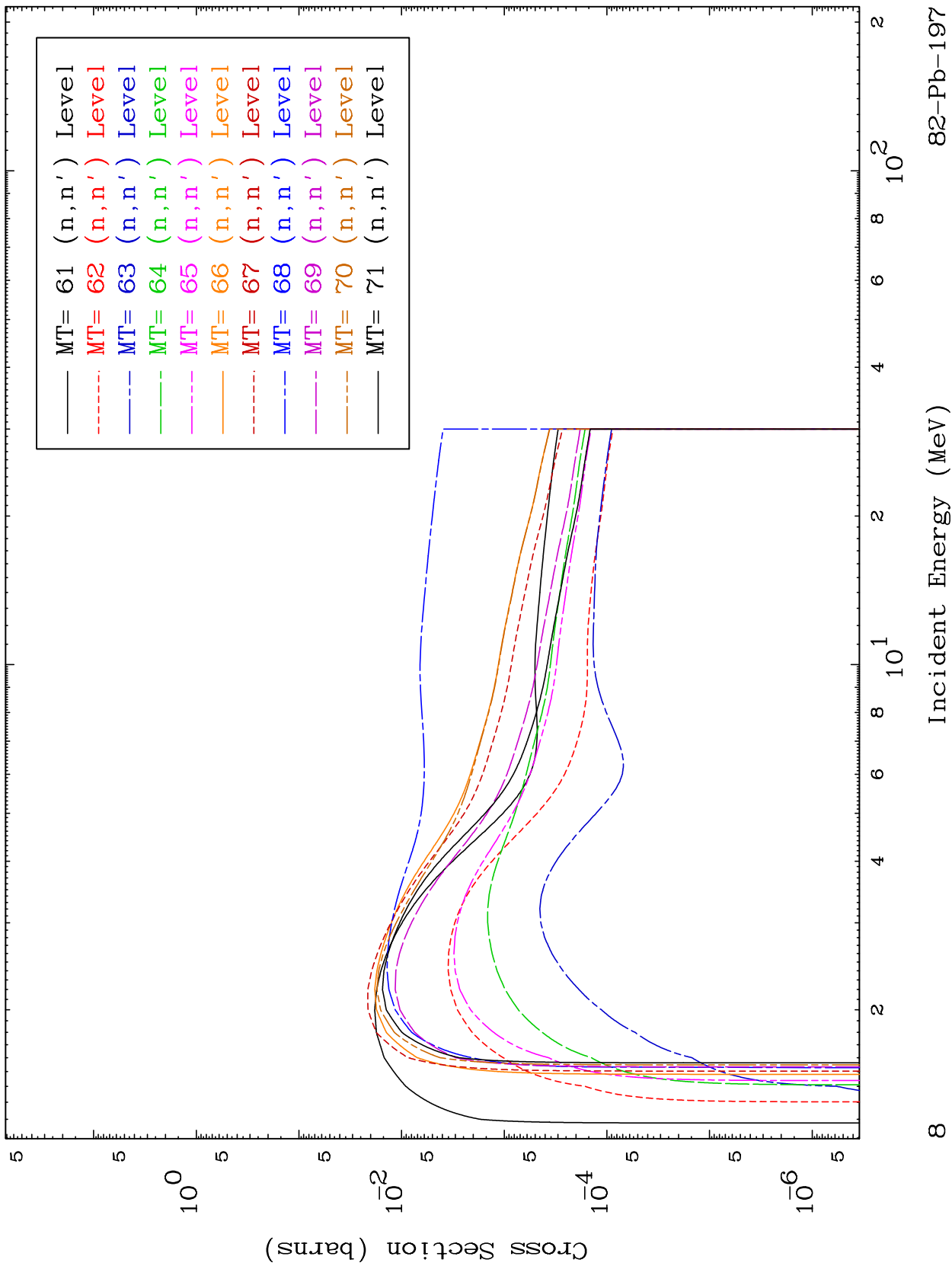


MAT 8204

(n,n') Level

82-Pb-197

293 Kelvin Cross Sections



8

Incident Energy (MeV)

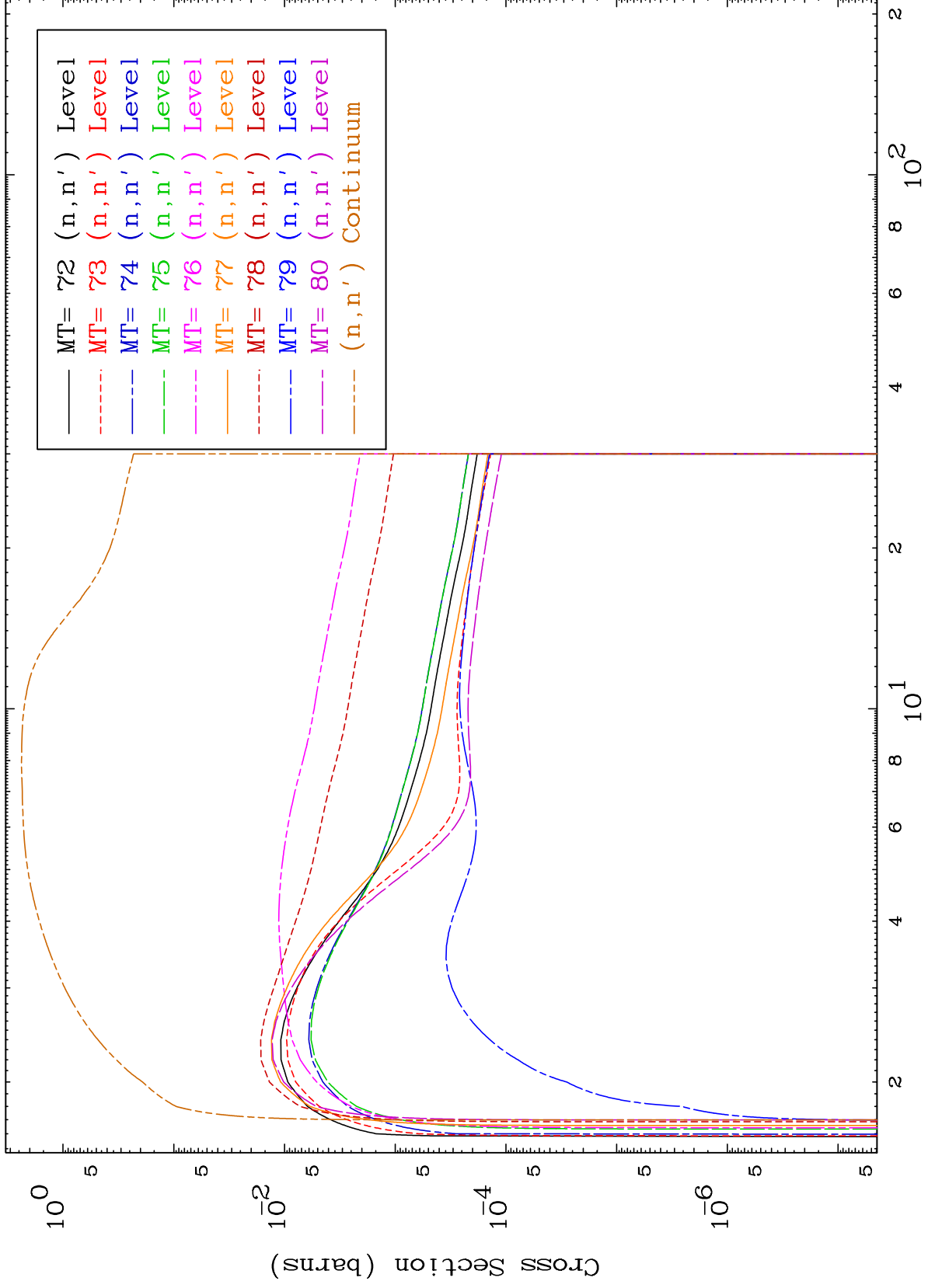
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MAT 8204

(n,n') Level

82-Pb-197

293 Kelvin Cross Sections



9

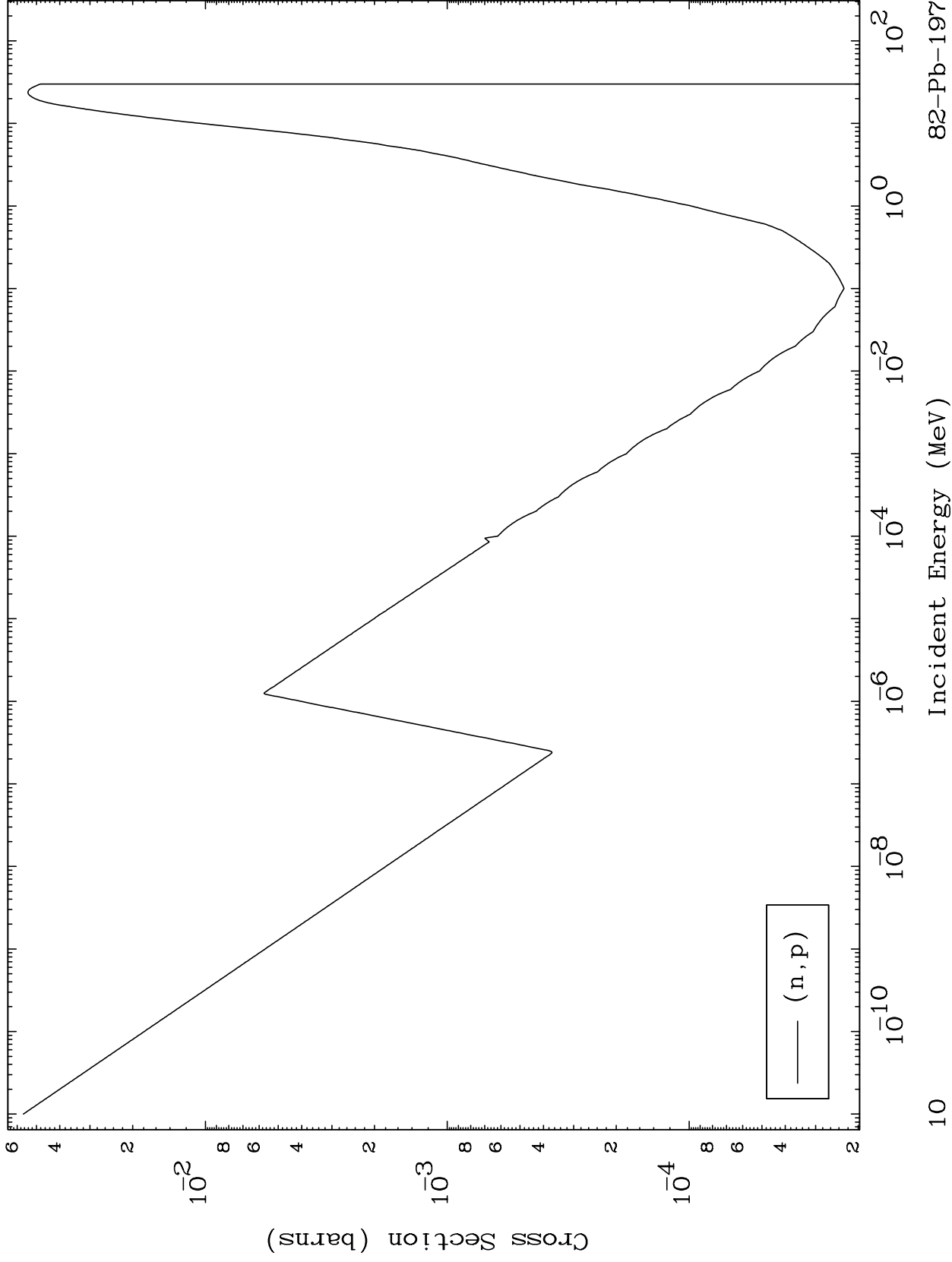
Incident Energy (MeV)

82-Pb-197

MAT 8204

(n,p) Levels  
293 Kelvin Cross Sections

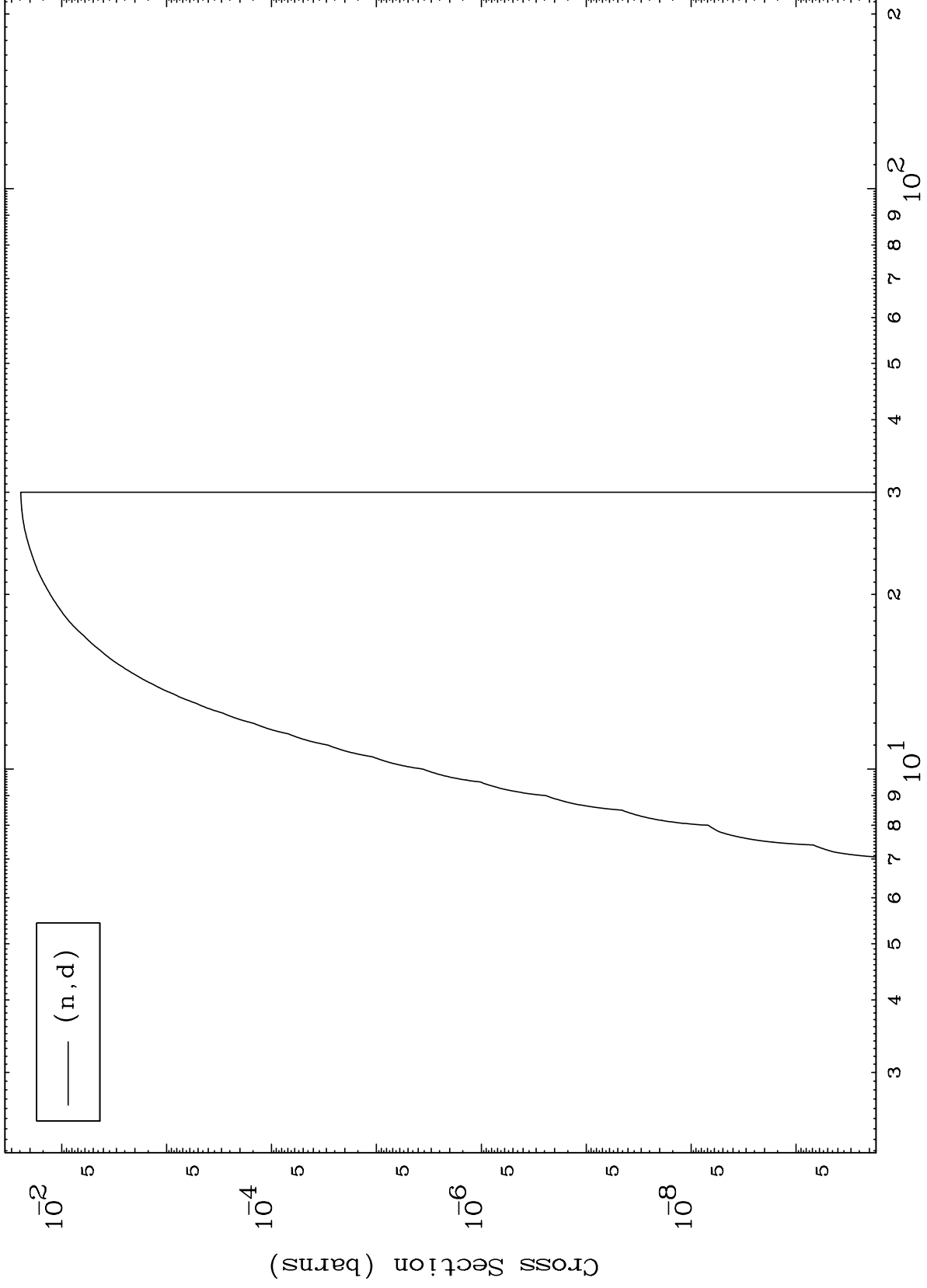
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MAT 8204

(n,d) Levels  
293 Kelvin Cross Sections

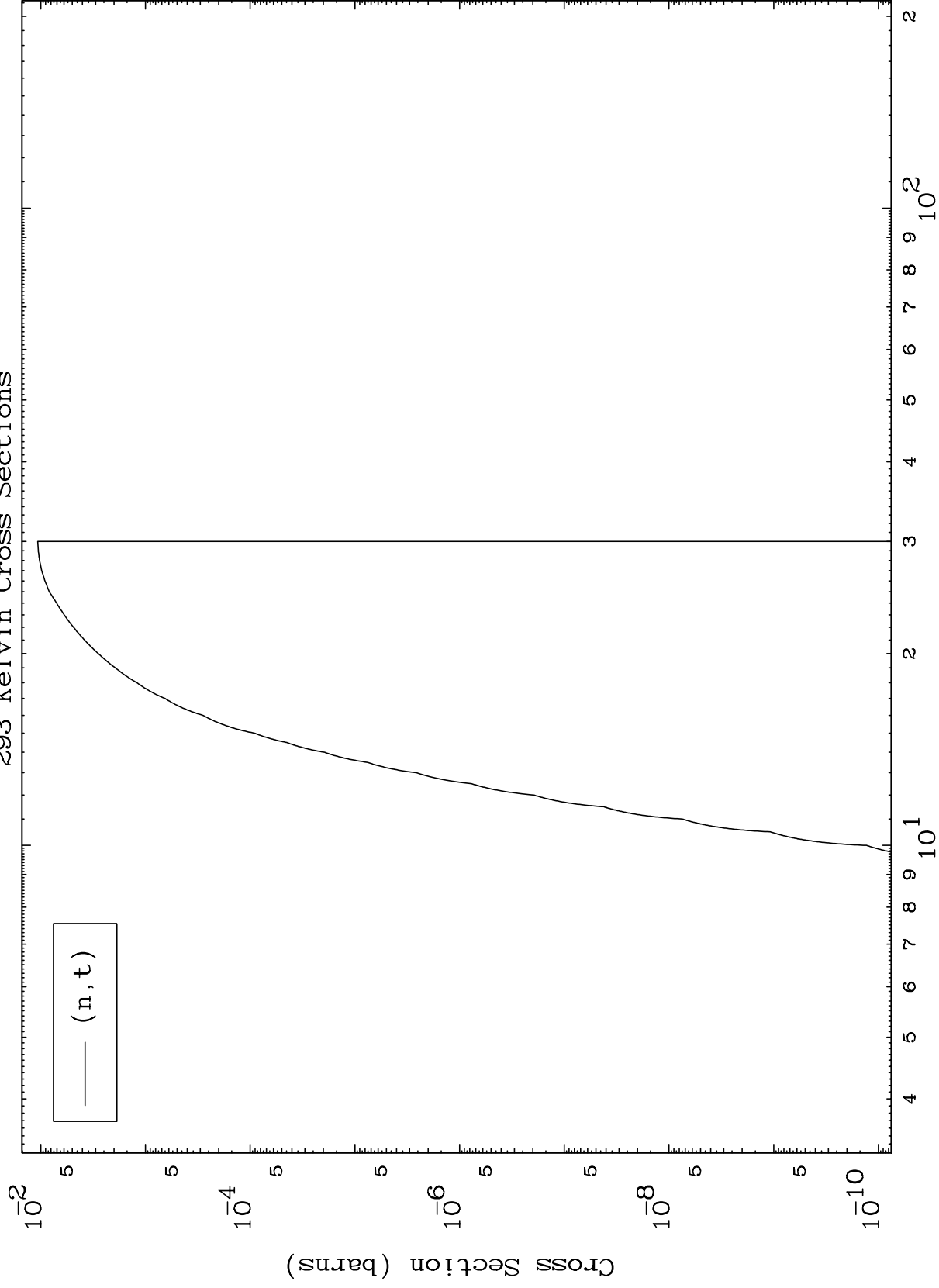
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MAT 8204

(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-197



12

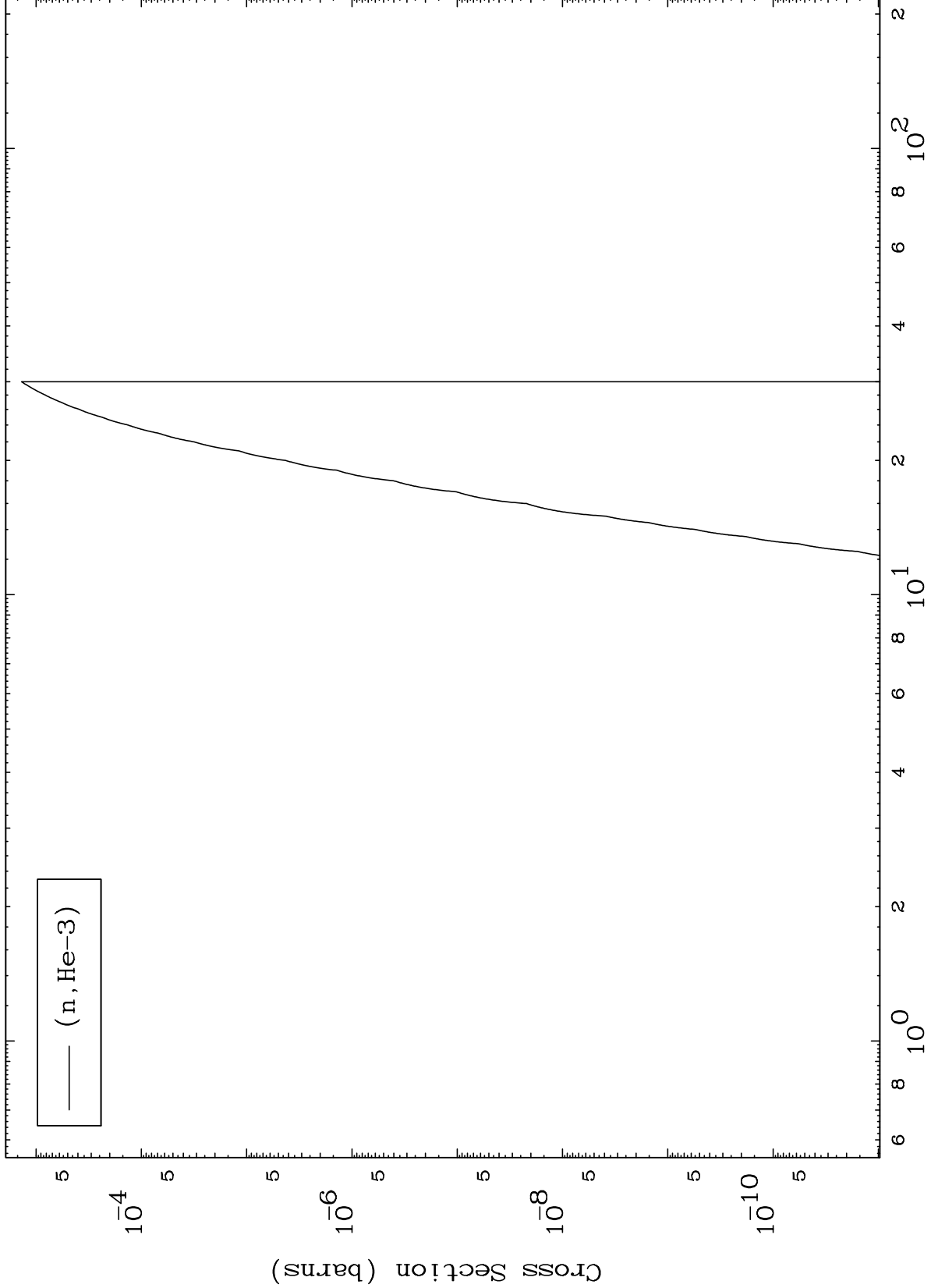
Incident Energy (MeV)

82-Pb-197

MAT 8204

(n,He3) Levels  
293 Kelvin Cross Sections

82-Pb-197



13

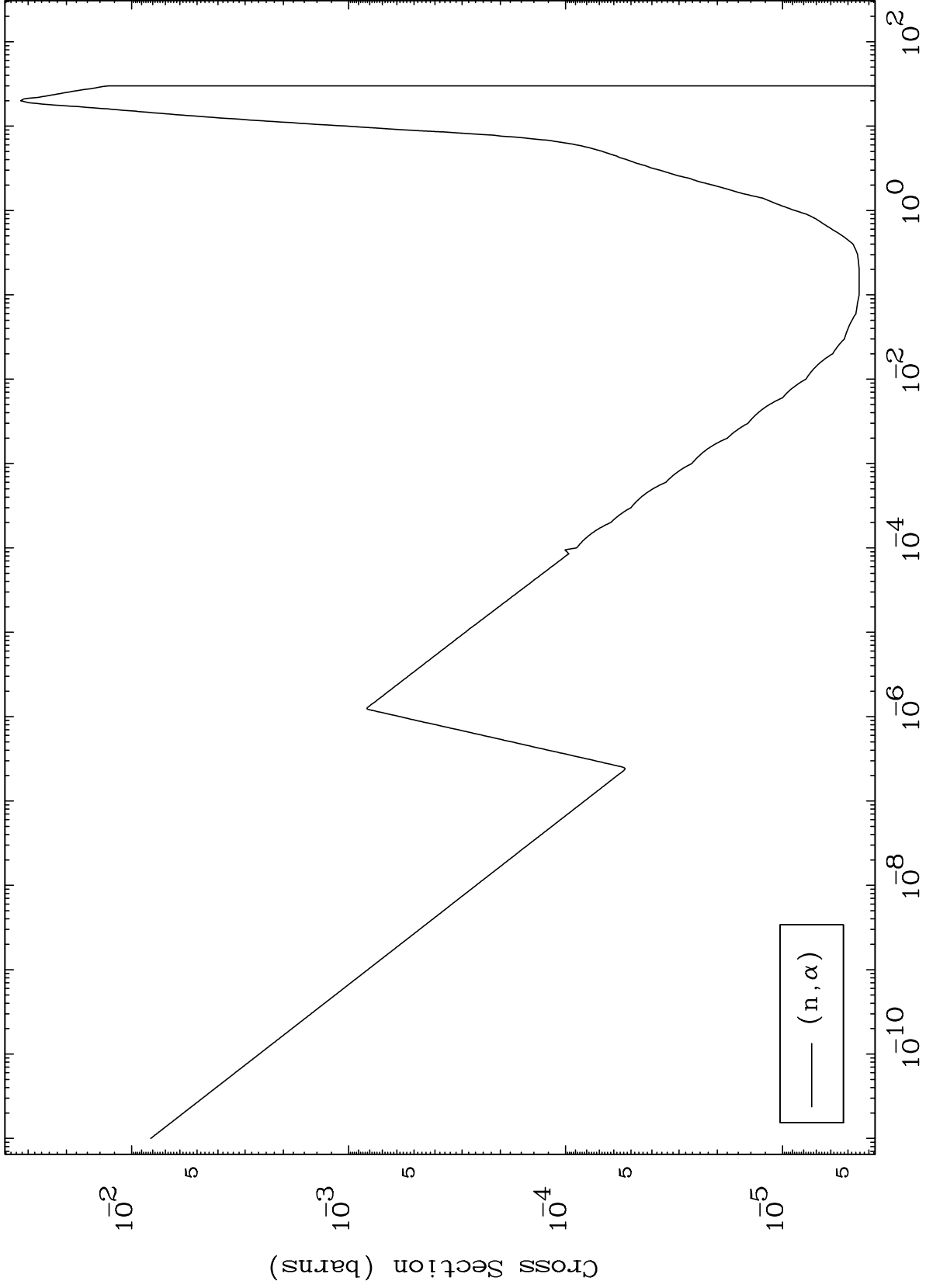
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

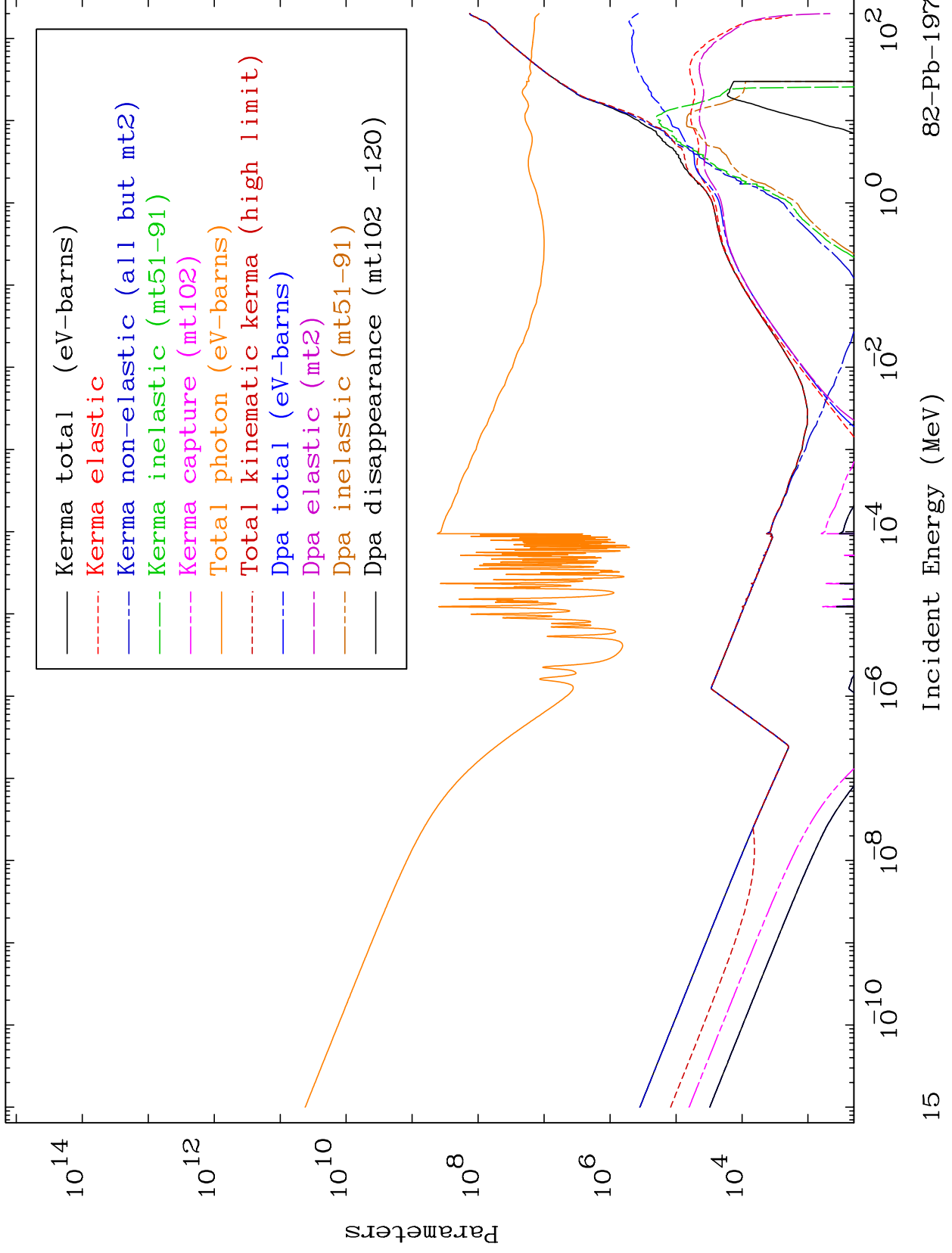
82-Pb-197



14

Incident Energy (MeV)

82-Pb-197

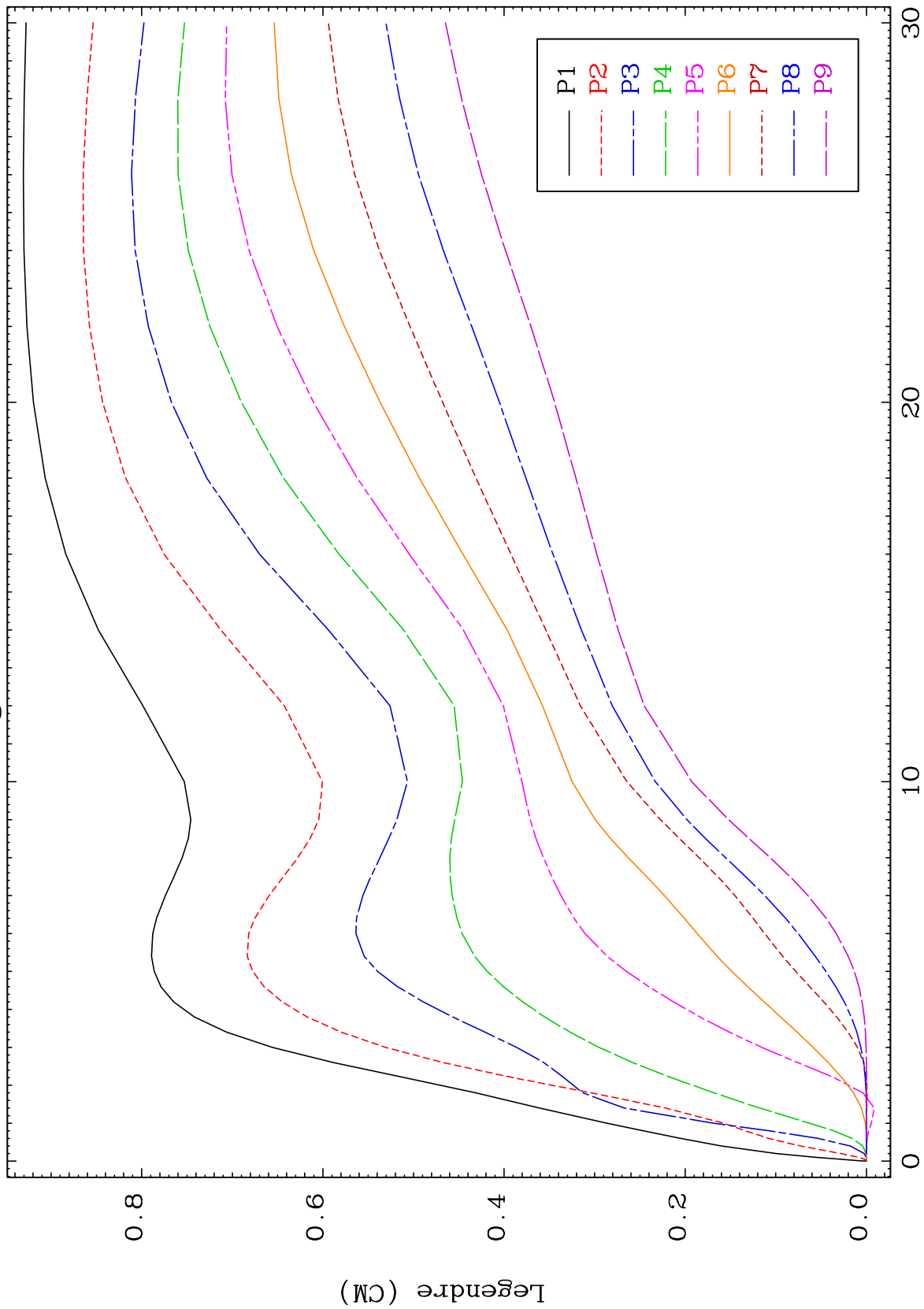




MAT 8204

Elastic Legendre Coefficients

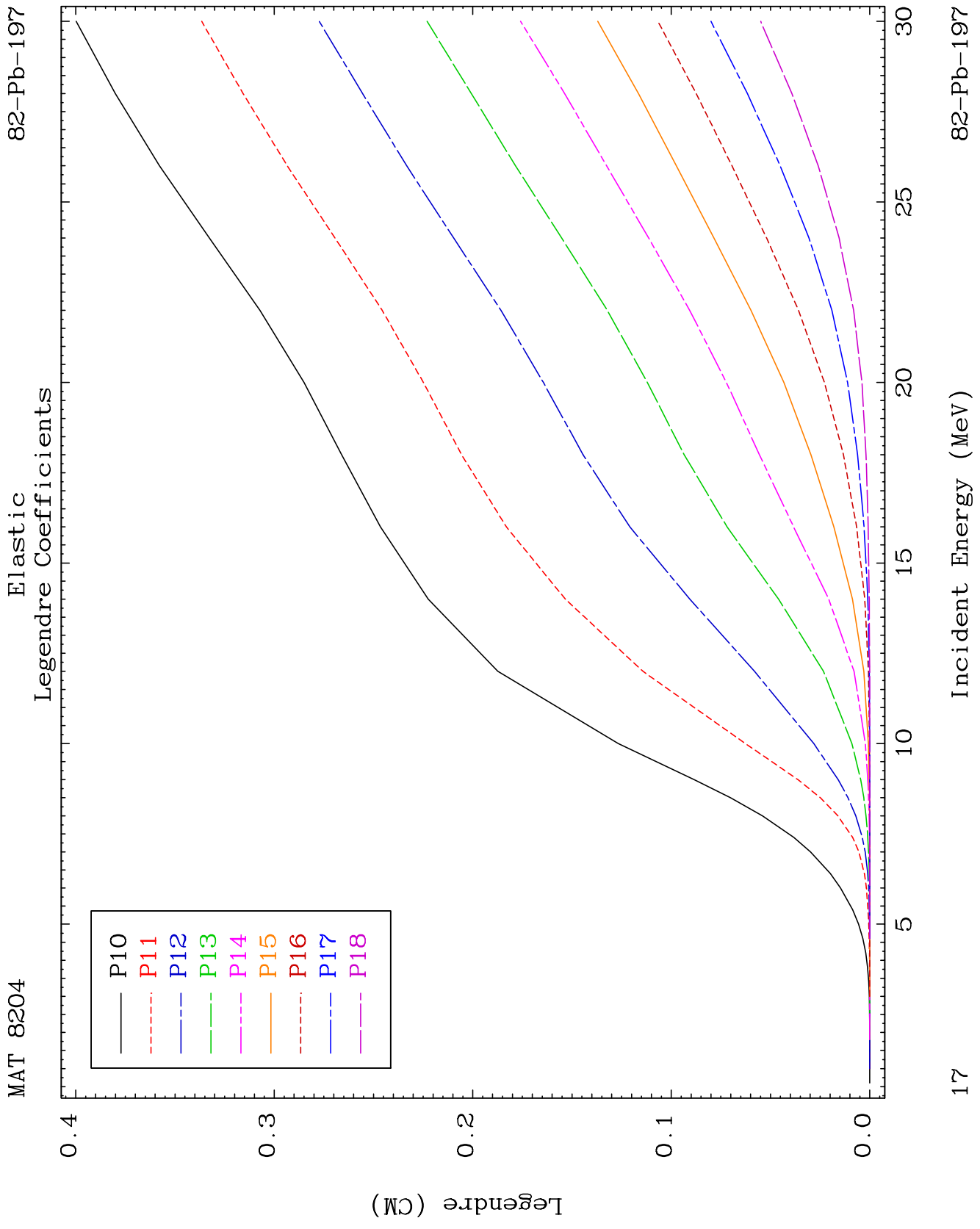
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16

Incident Energy (MeV)

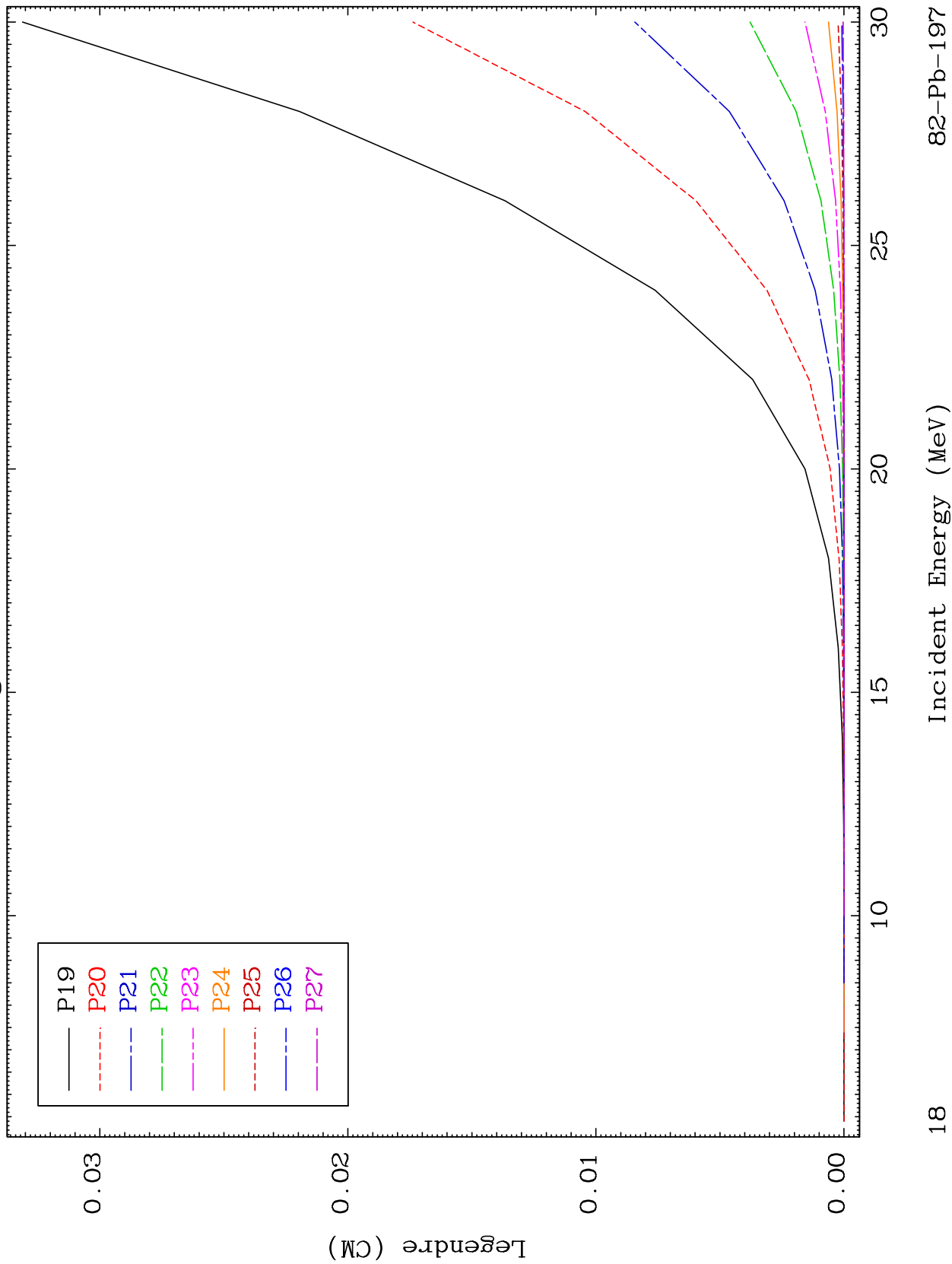
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MAT 8204

### Elastic Legendre Coefficients

82-Pb-197



18

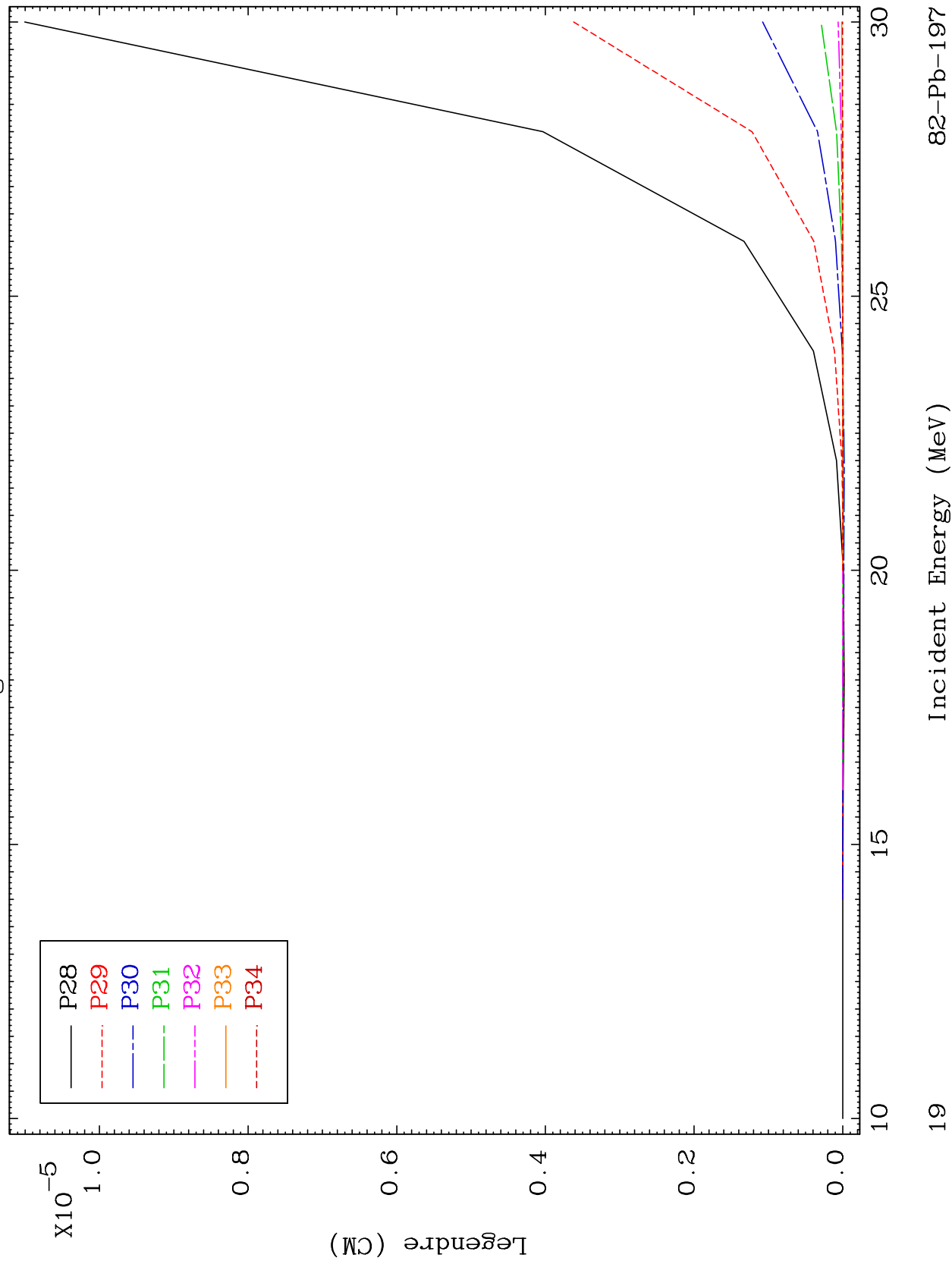
Incident Energy (MeV)

82-Pb-197

MAT 8204

Elastic Legendre Coefficients

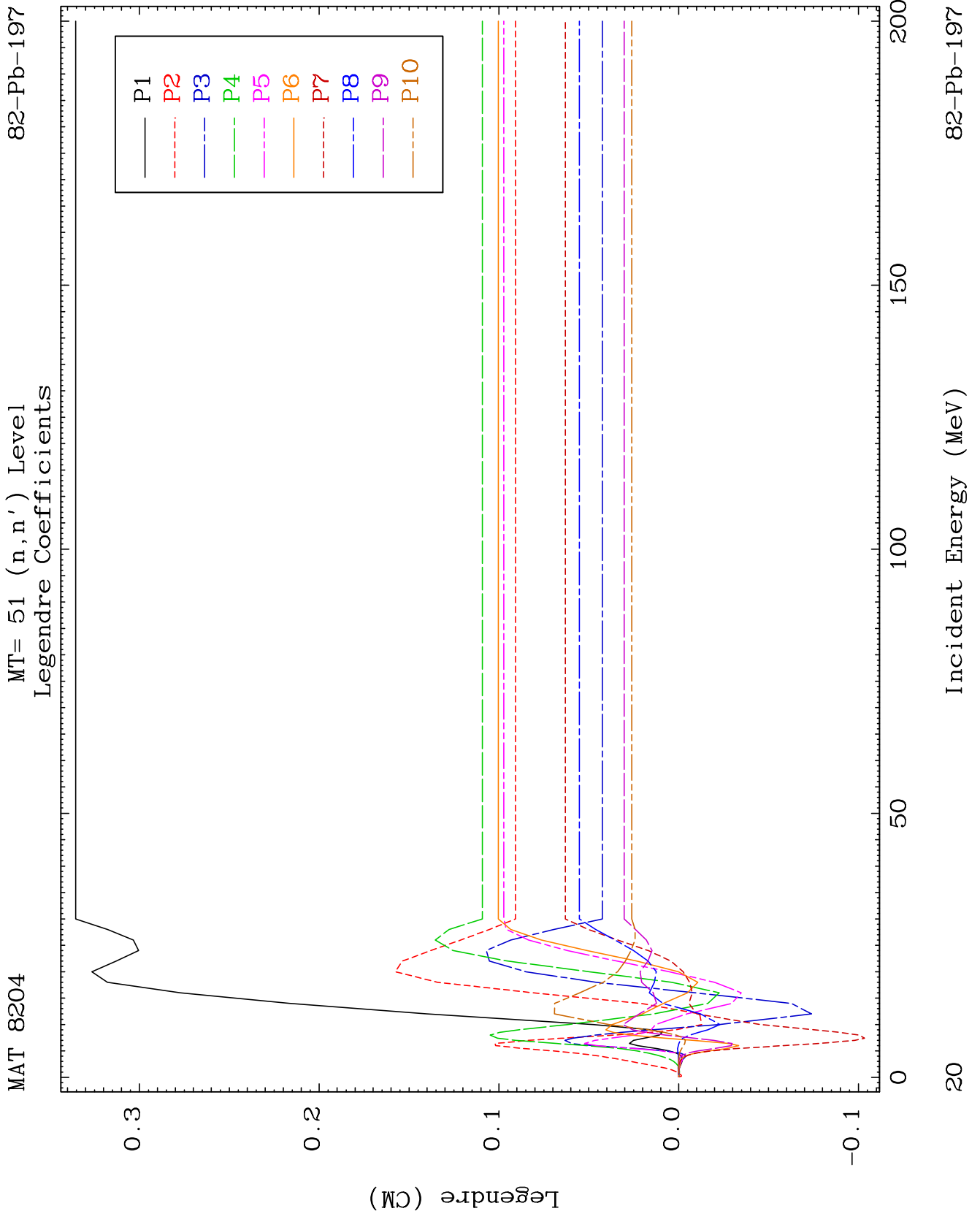
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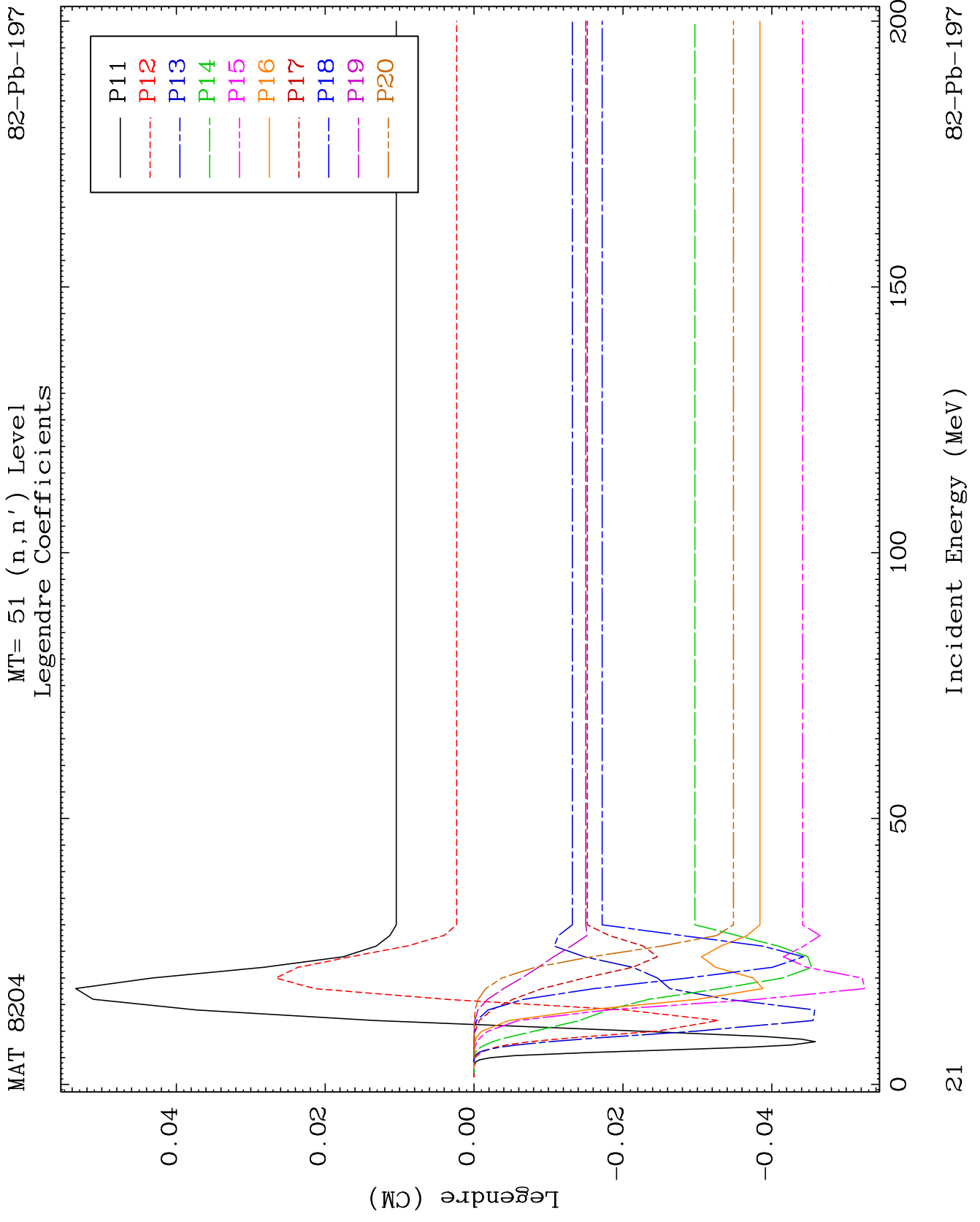


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Incident Energy (MeV)

82-Pb-197

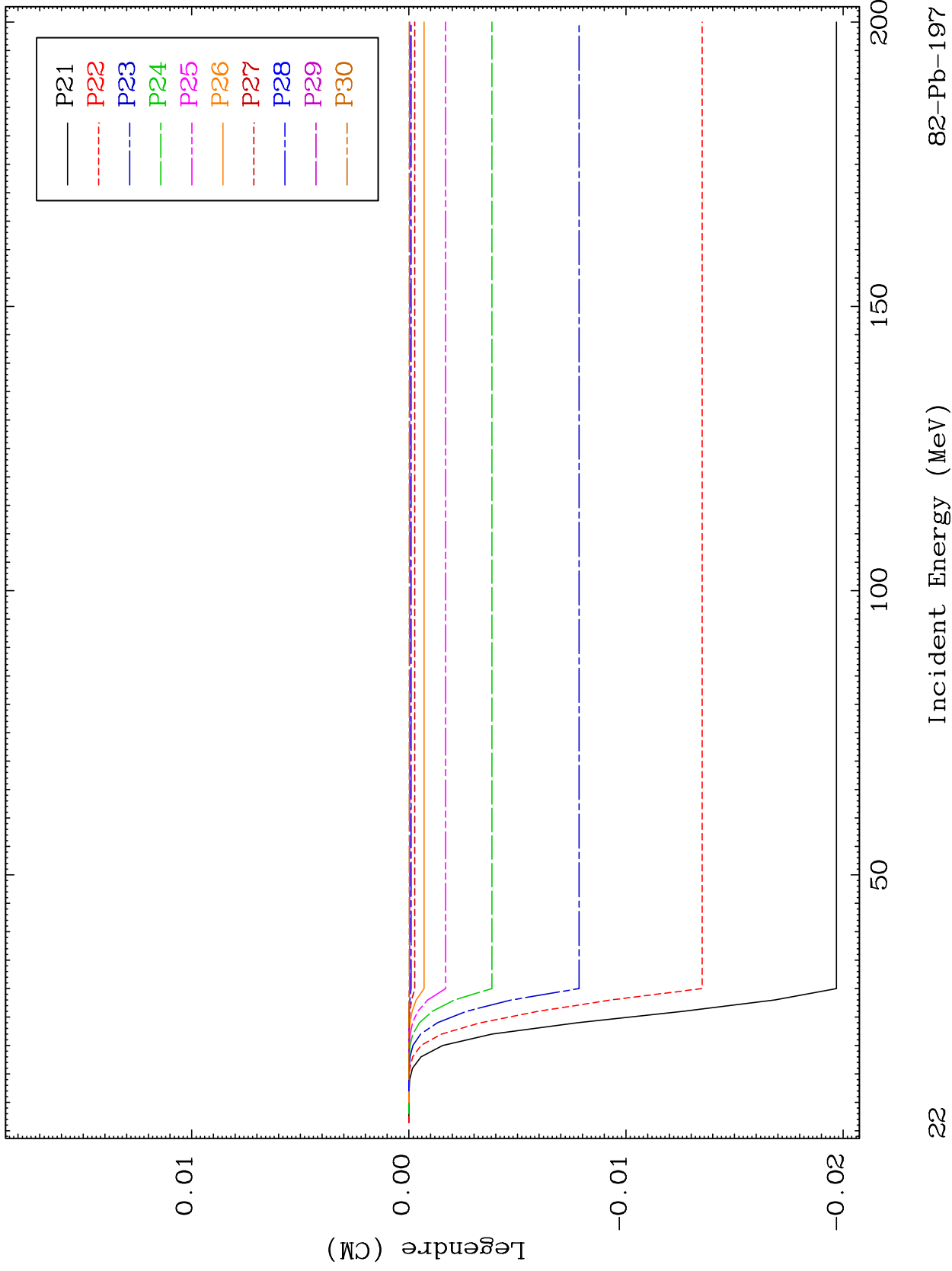




MAT 8204

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

82-Pb-197



22

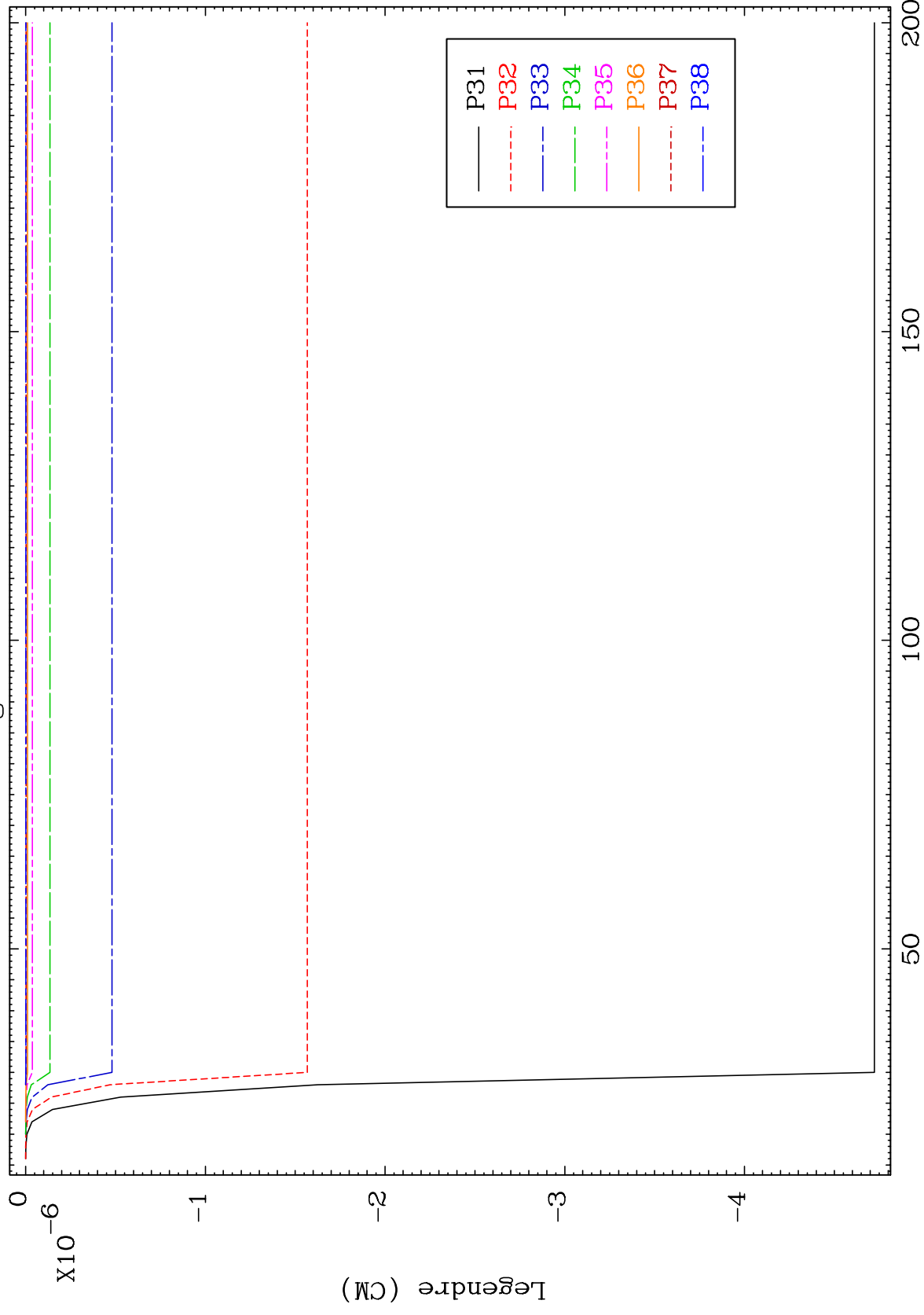
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197

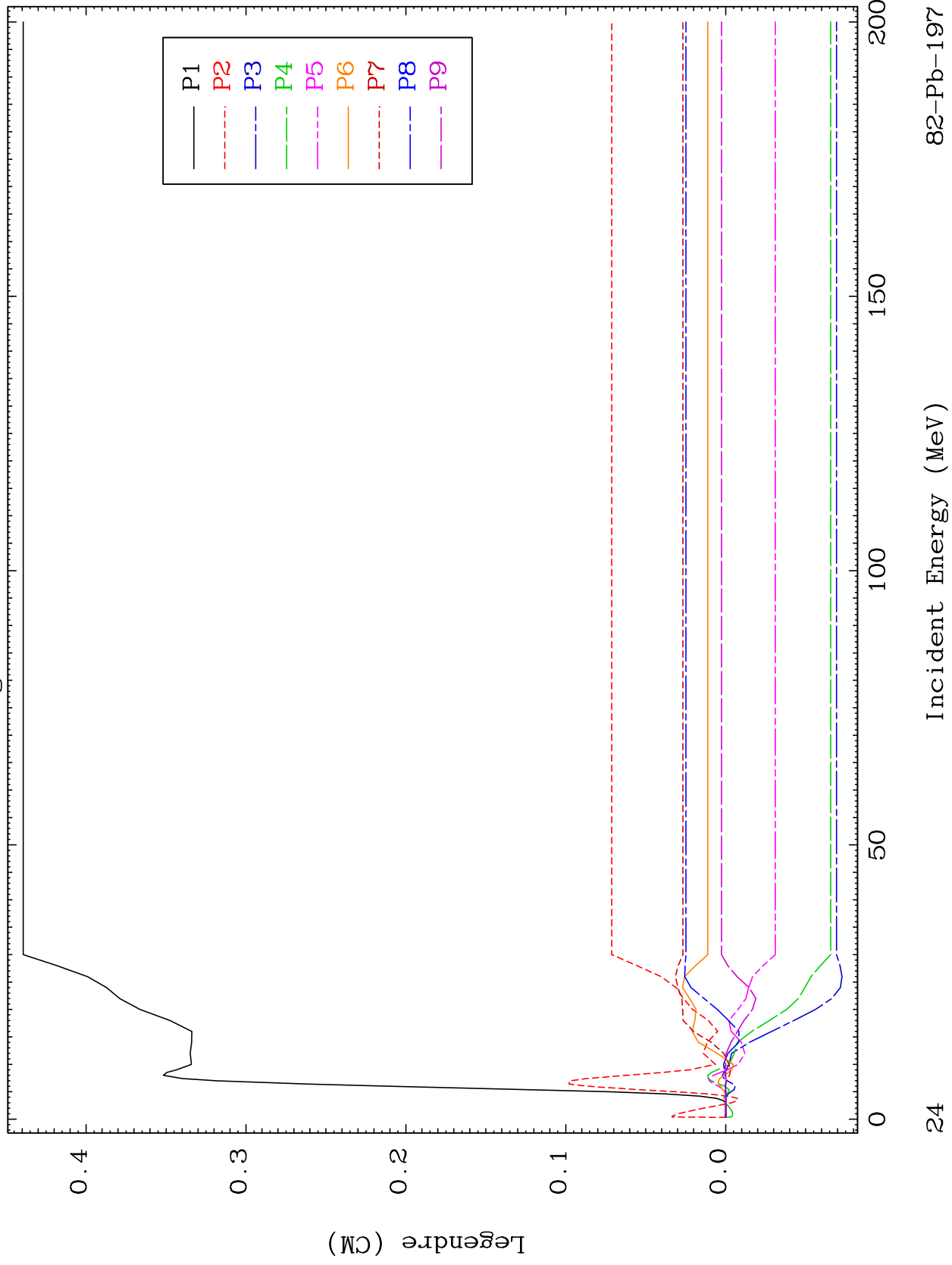




MAT 8204

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

82-Pb-197



24

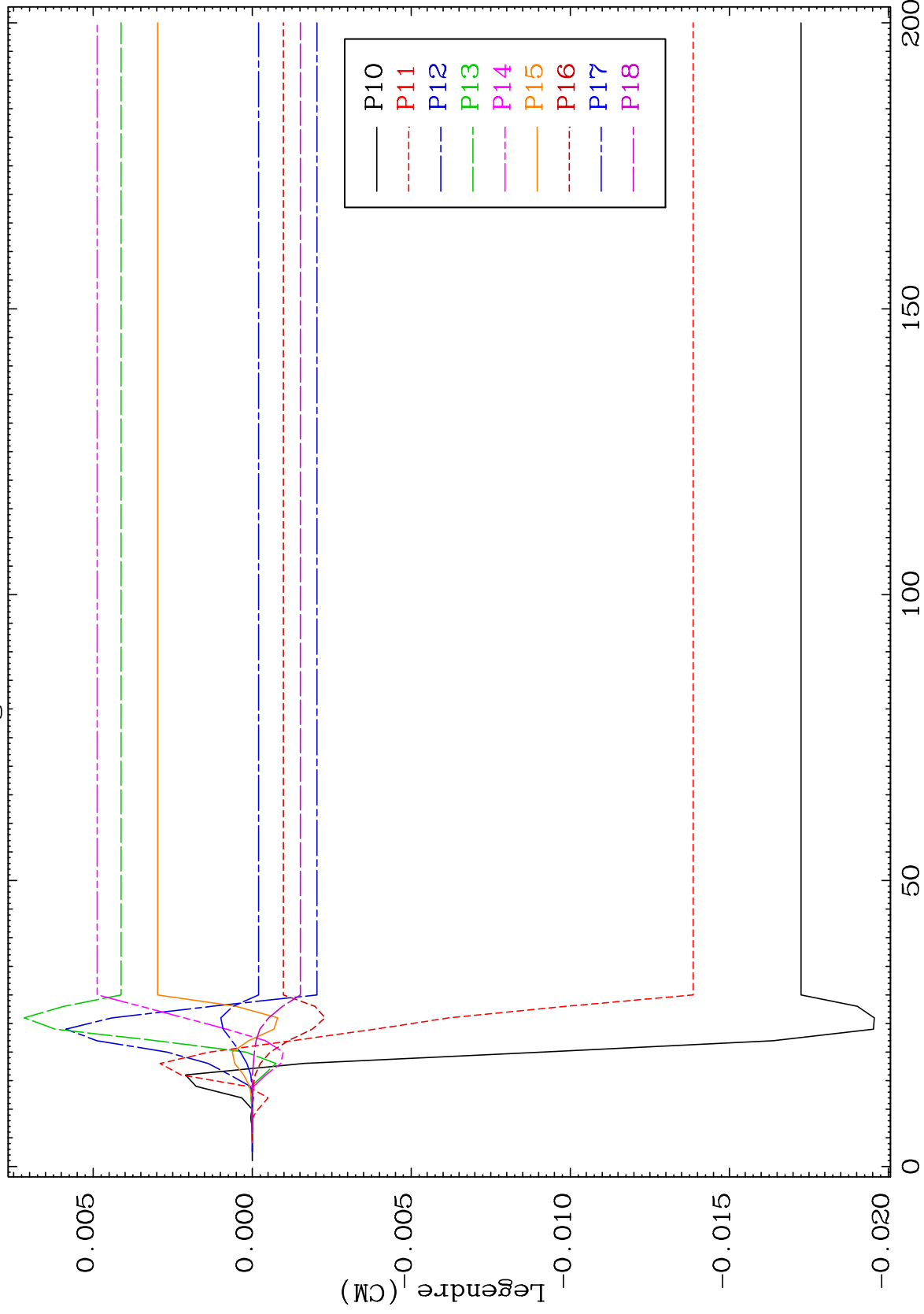
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



25

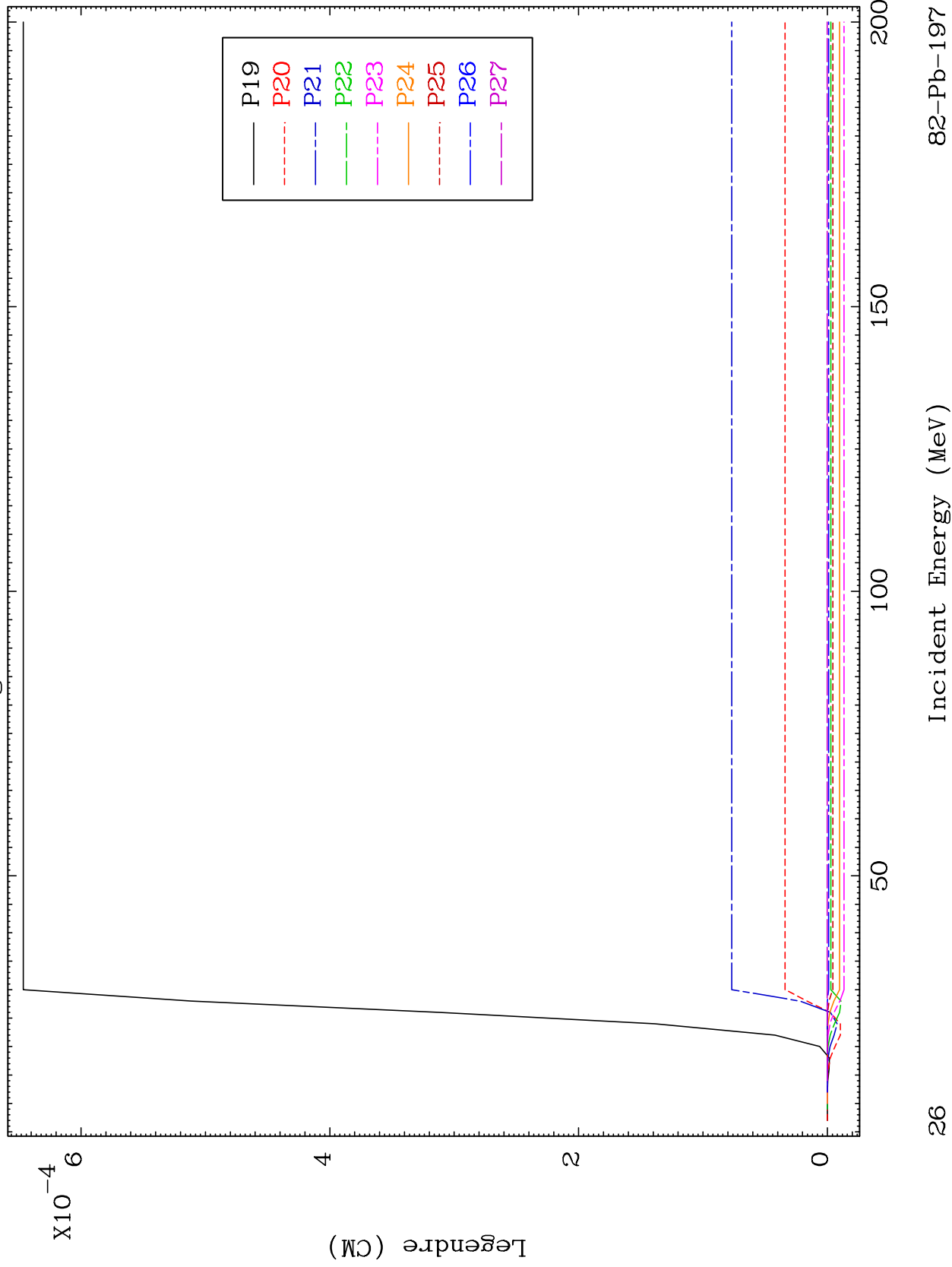
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

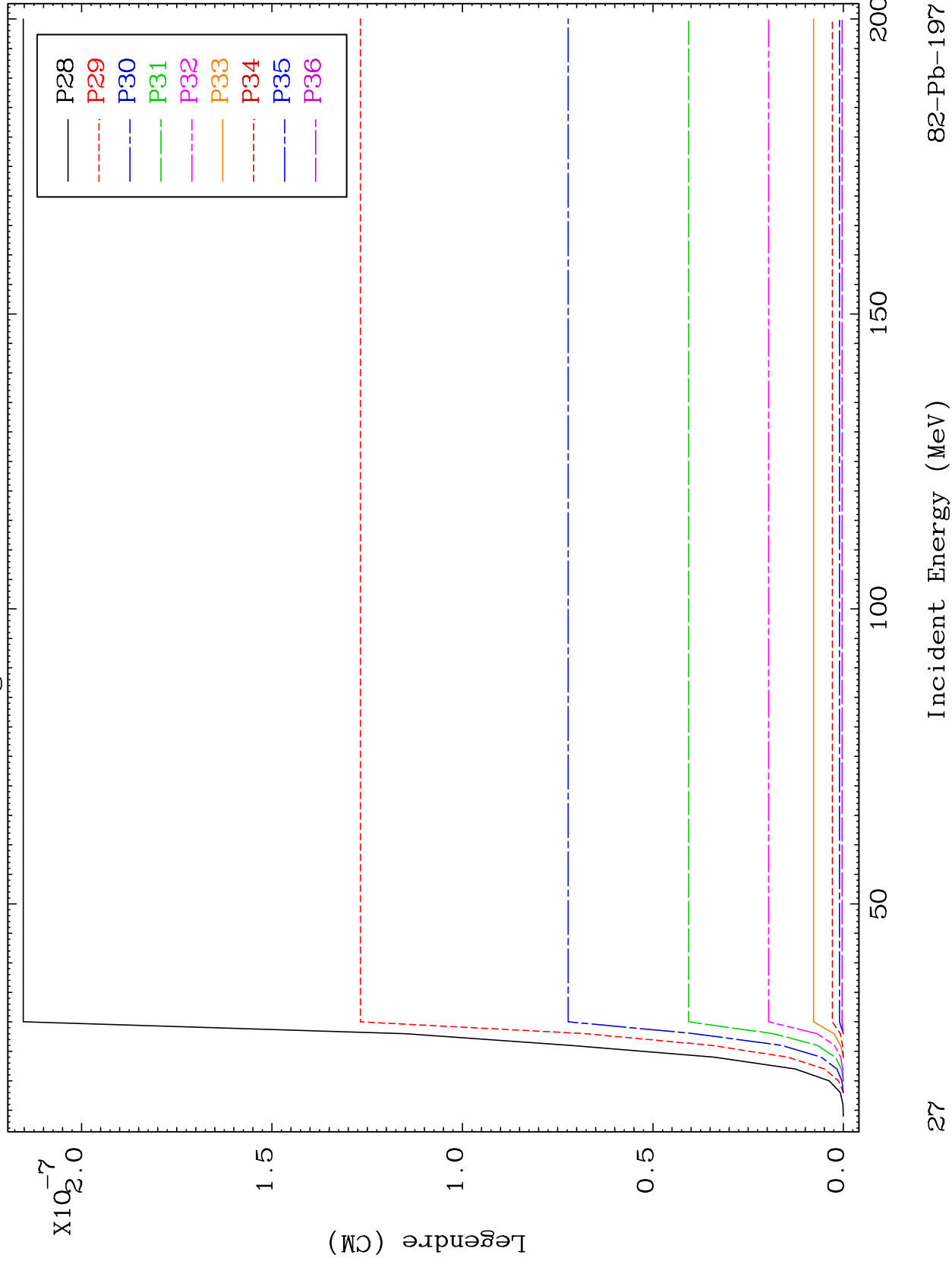
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MAT 8204

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

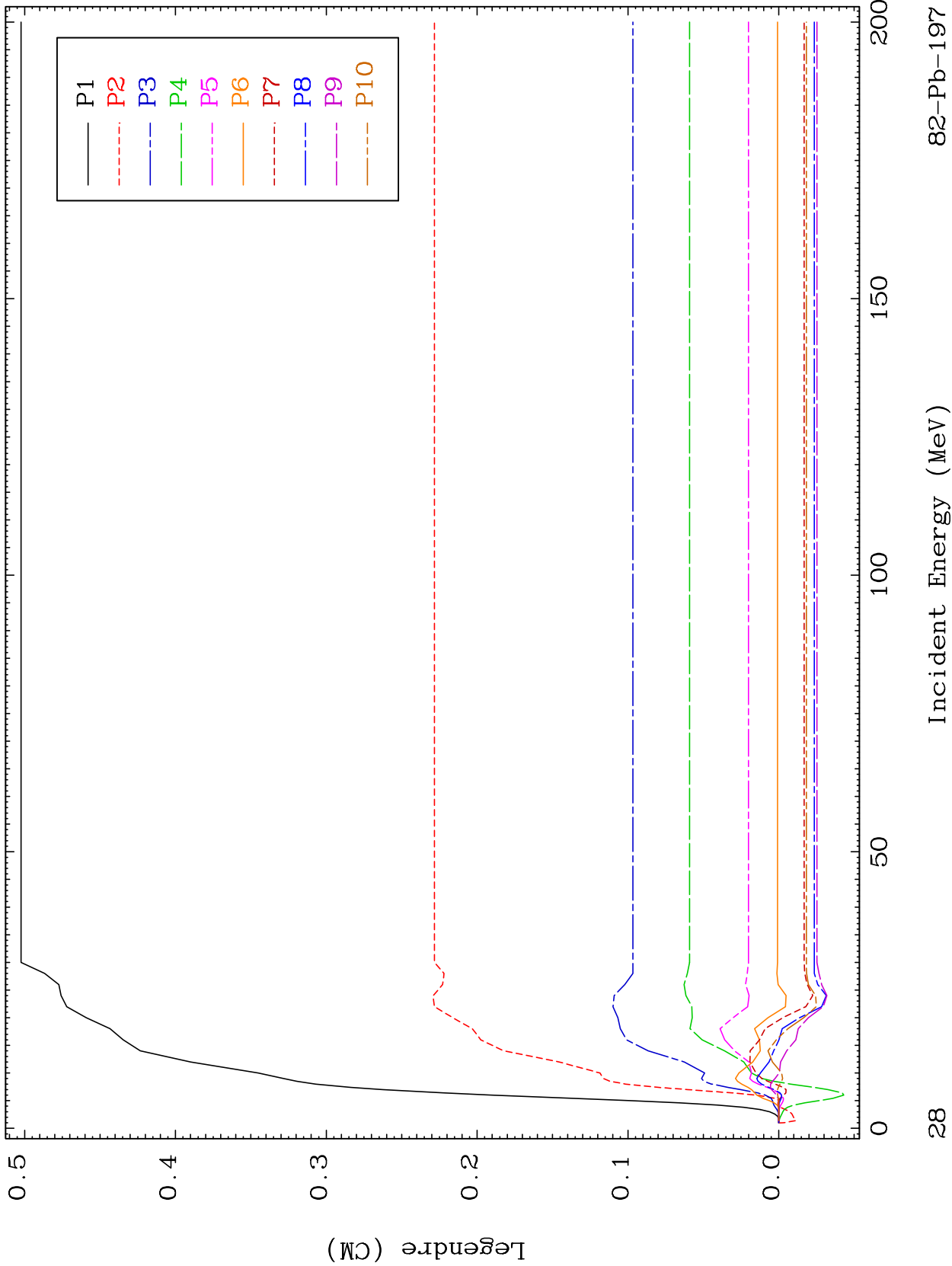
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MAT 8204

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

82-Pb-197

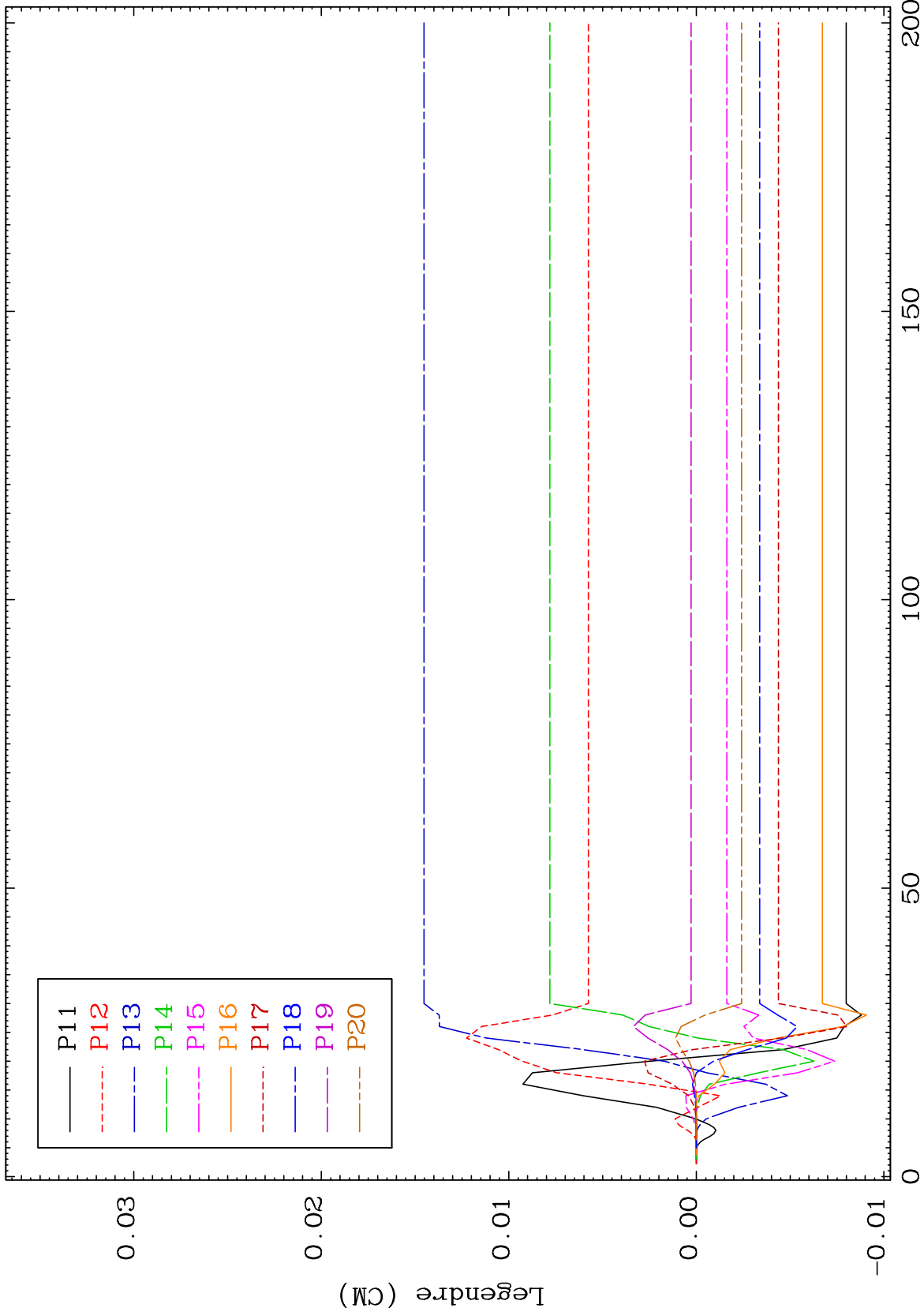


28

MAT 8204

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

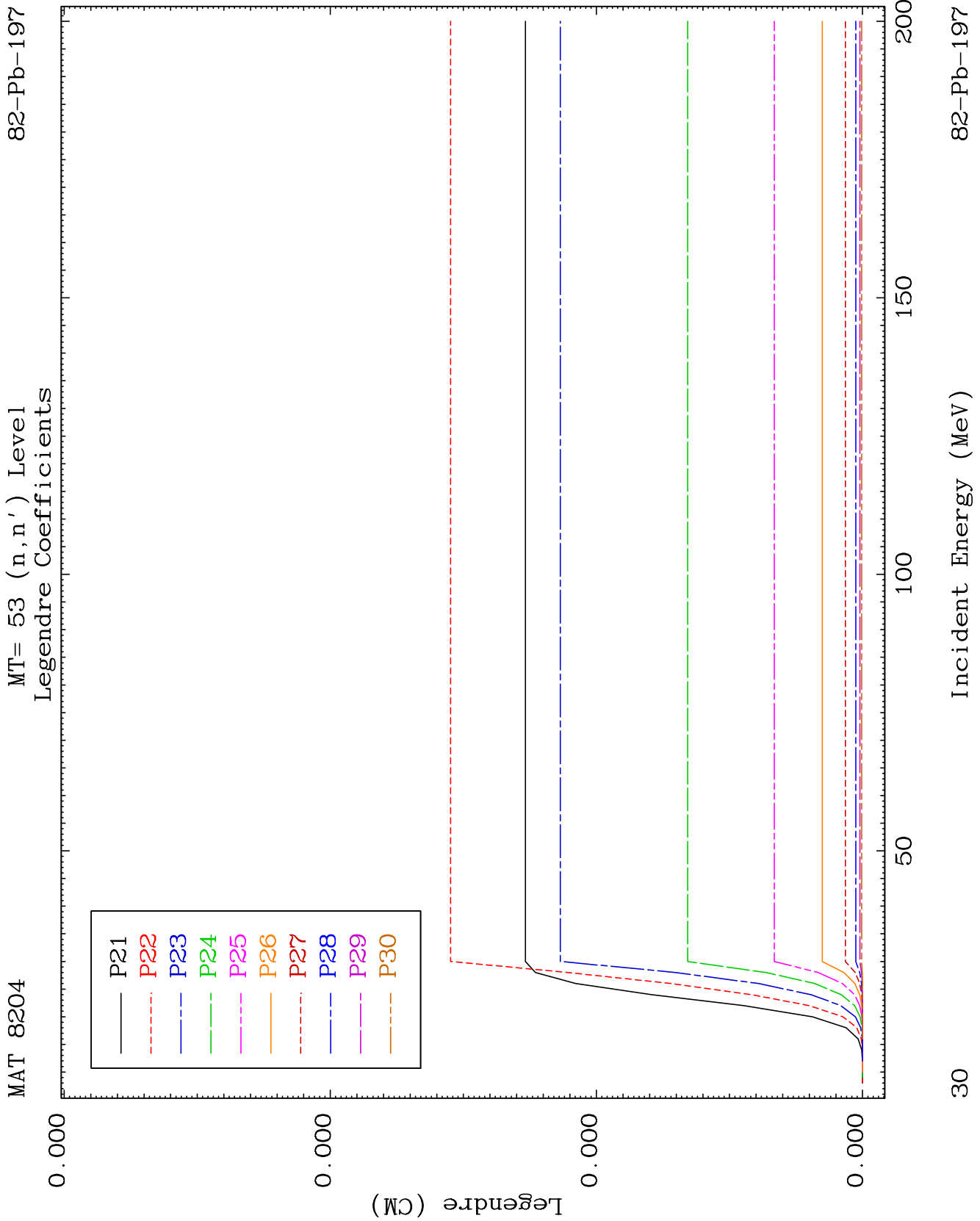
82-Pb-197



29

Incident Energy (MeV)

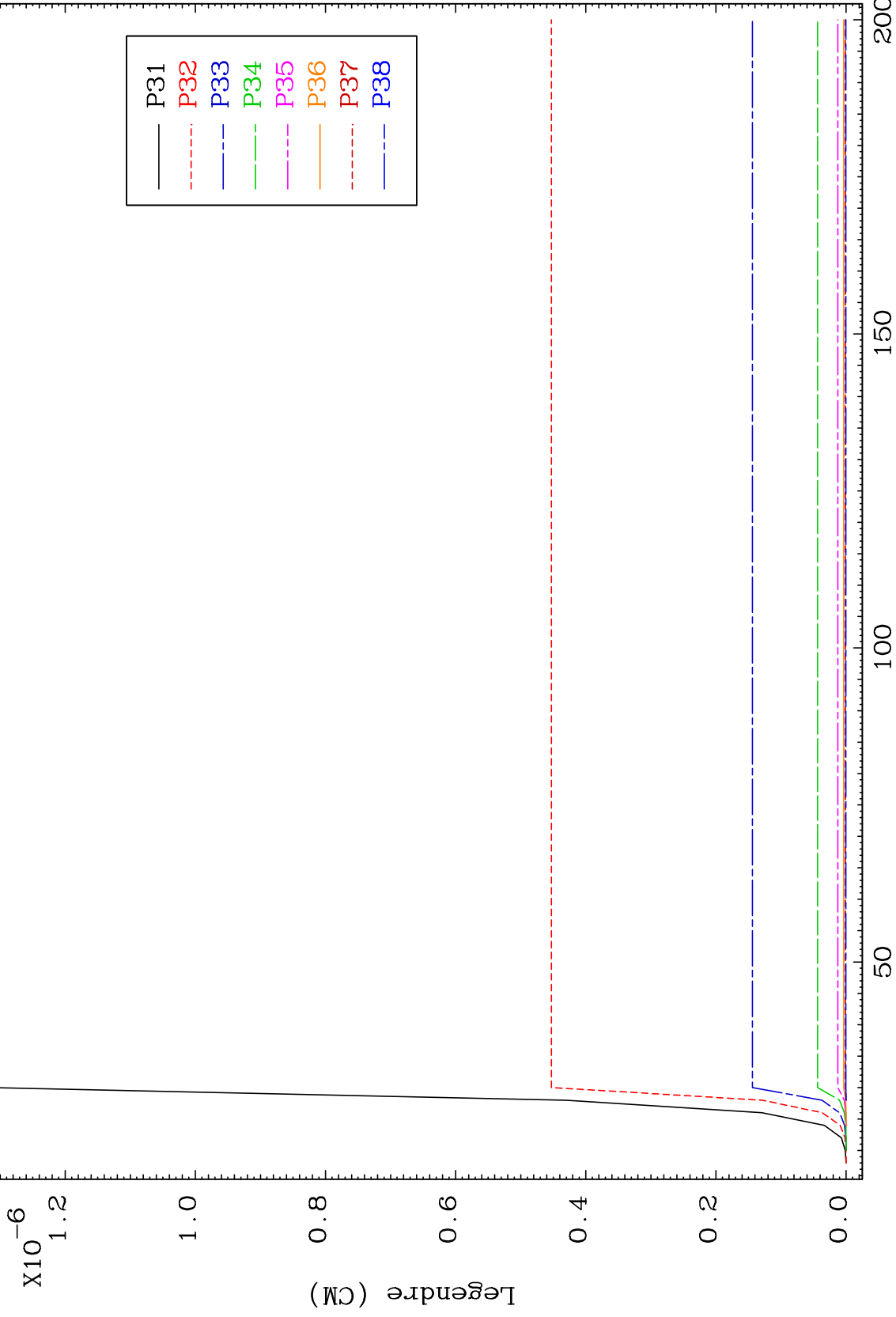
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MAT 8204

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

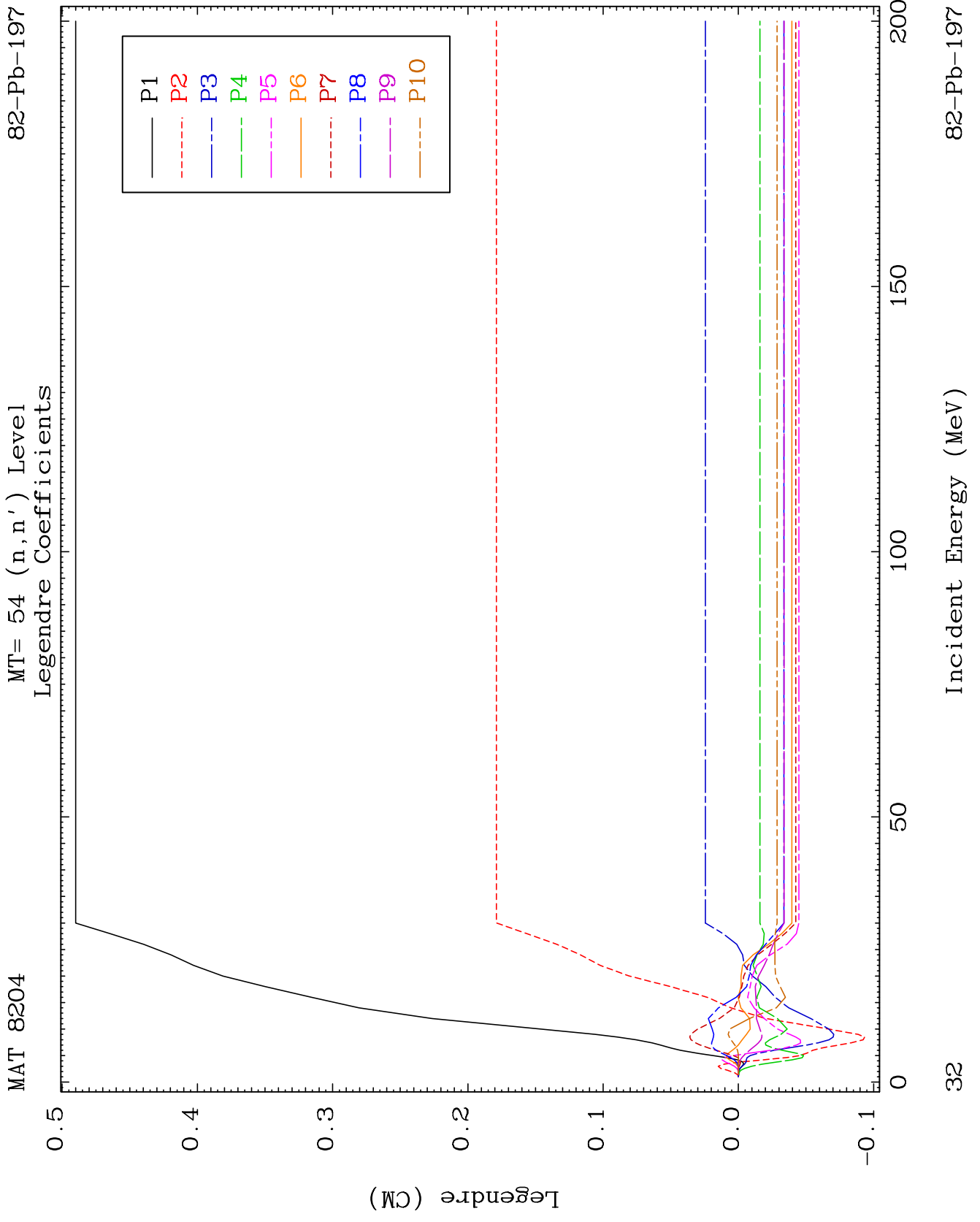
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82-Pb-197

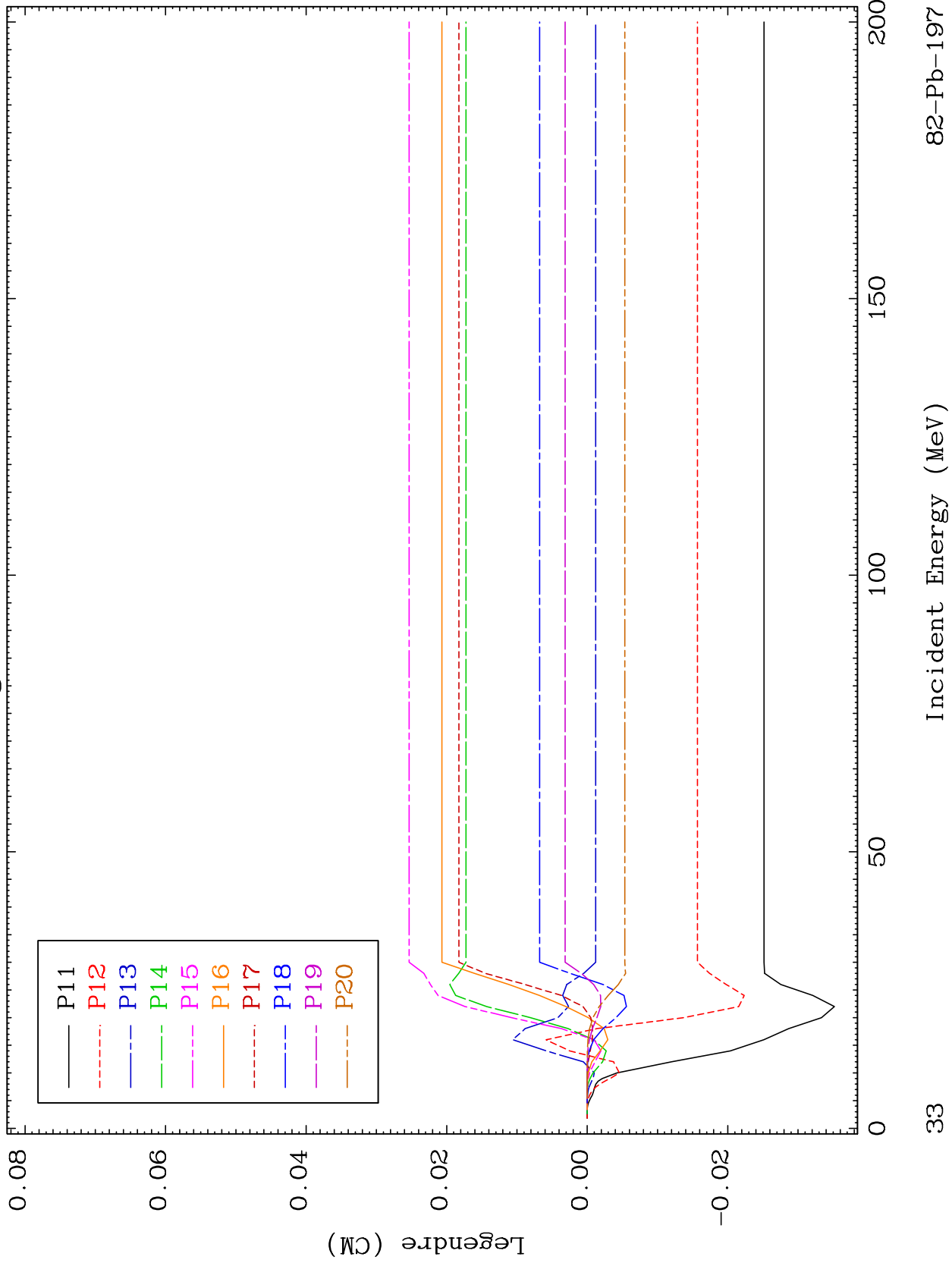




MAT 8204

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

82-Pb-197



33

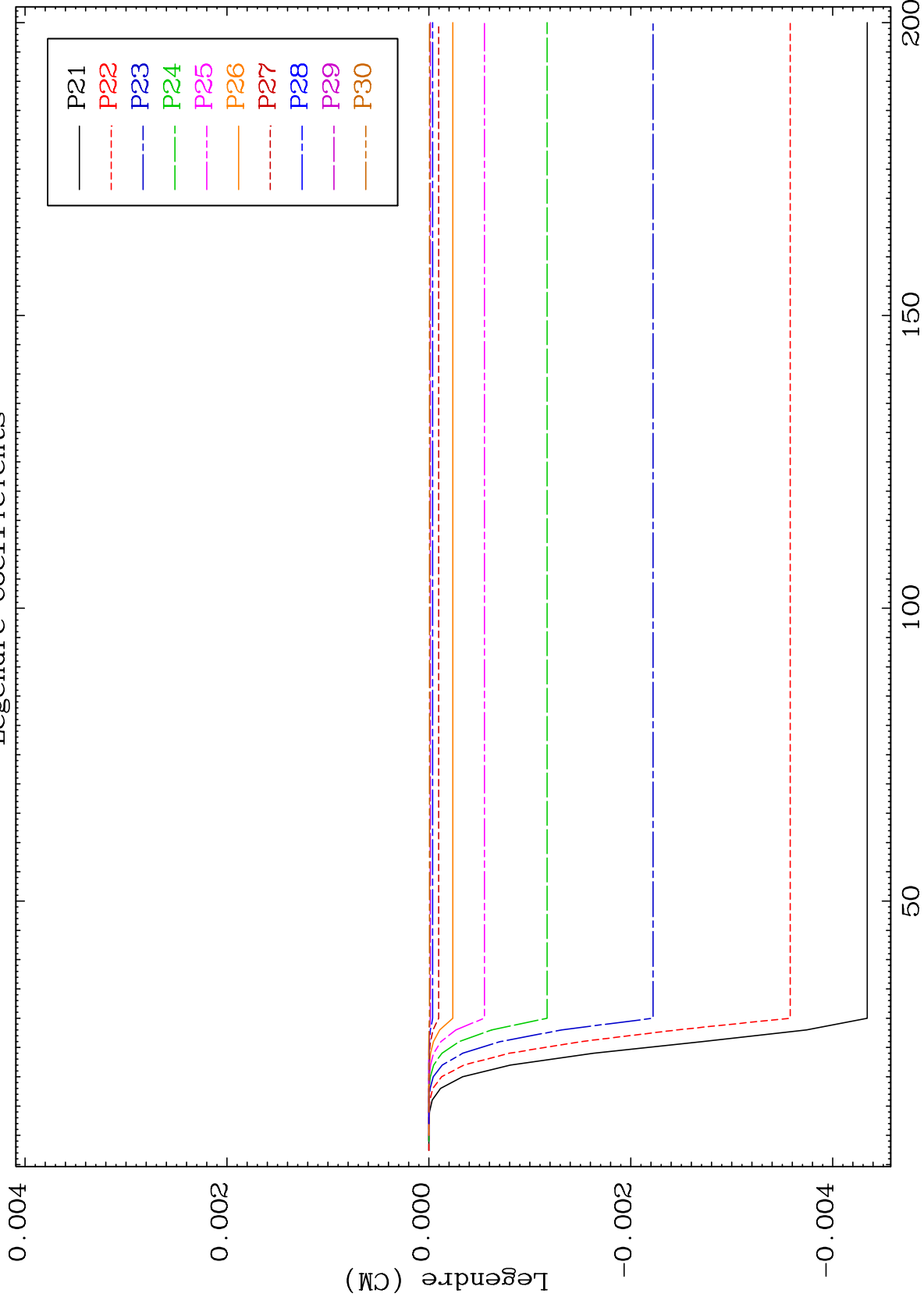
Incident Energy (MeV)

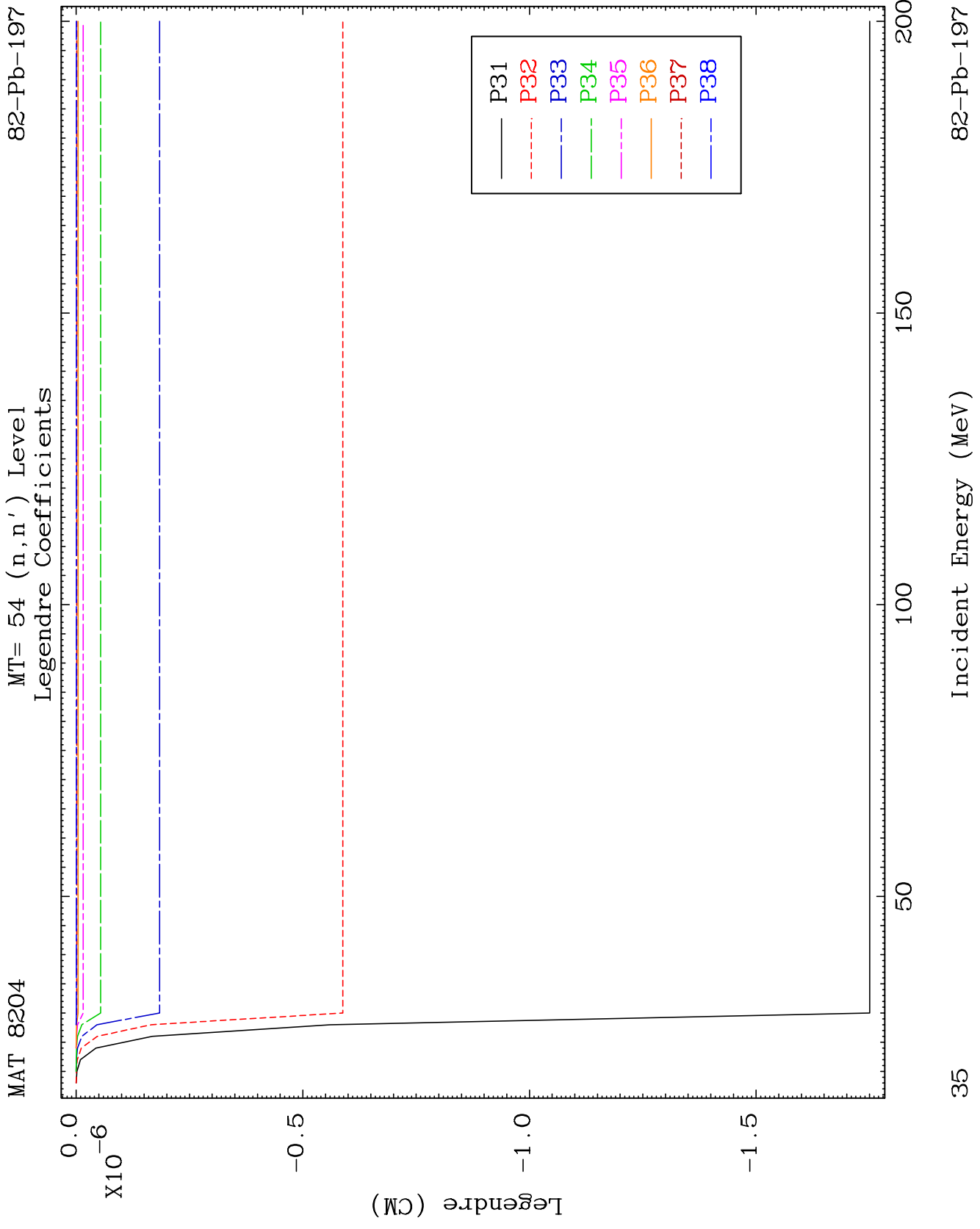
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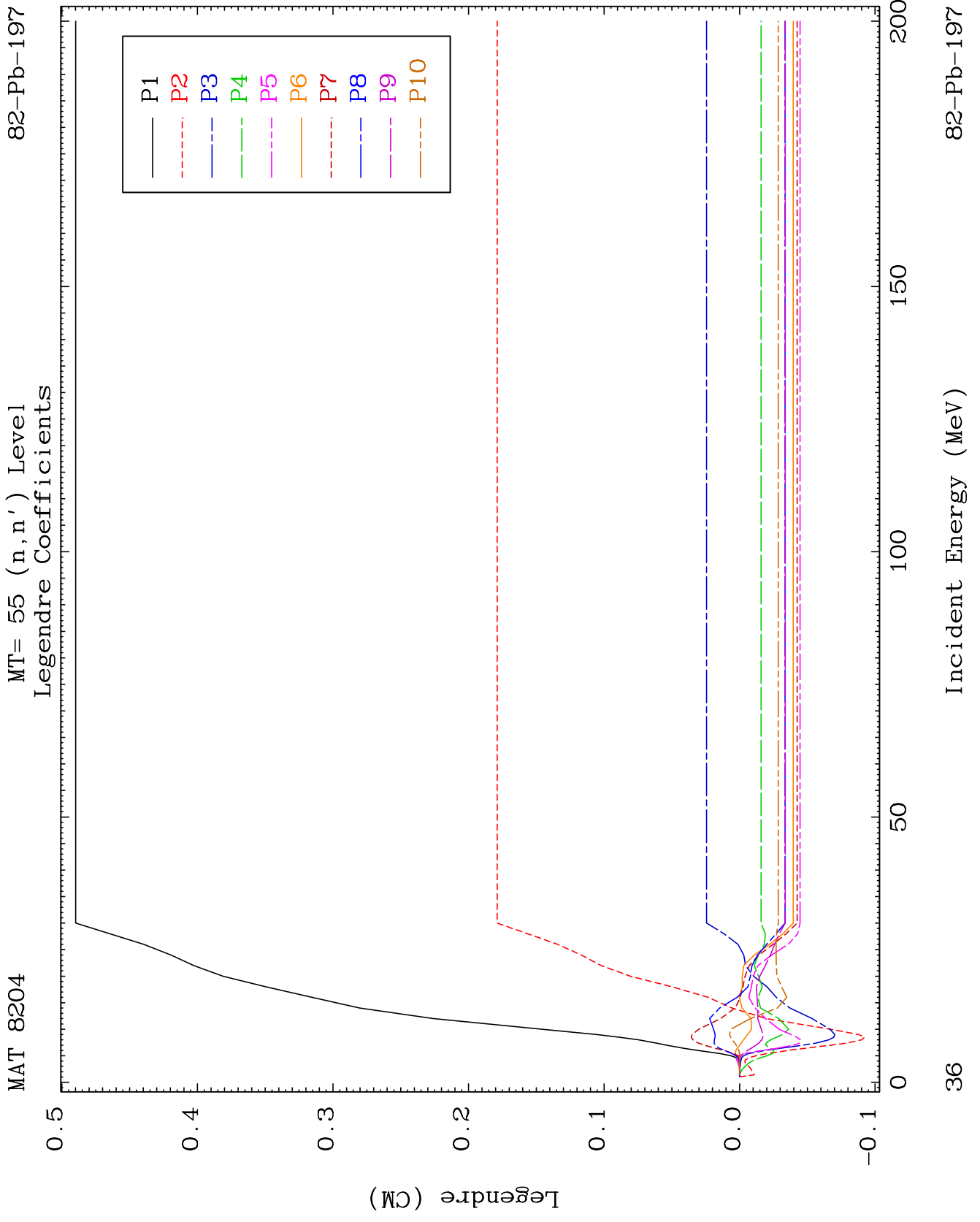
MAT 8204

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

82-Pb-197



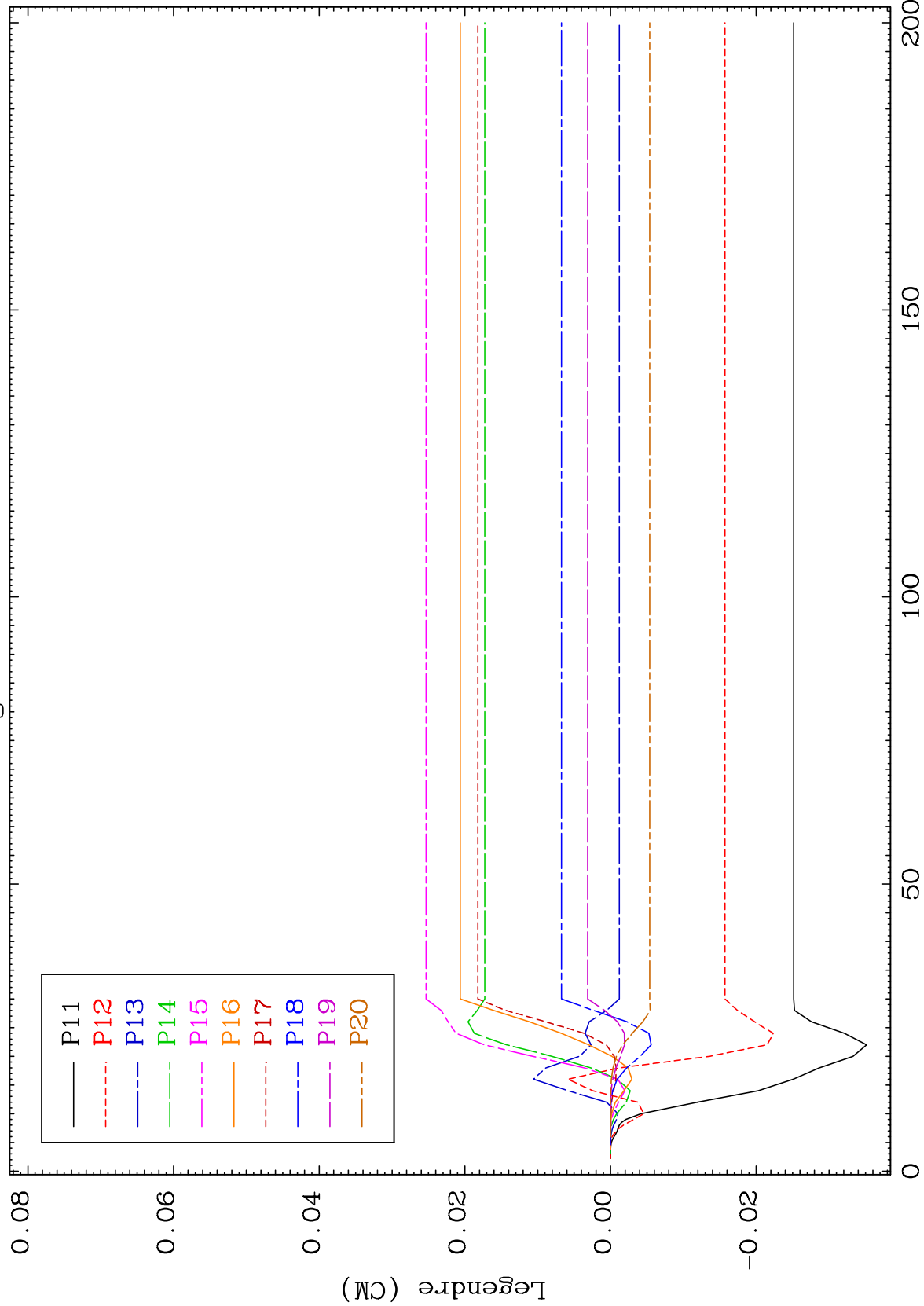




MAT 8204

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

82-Pb-197



37

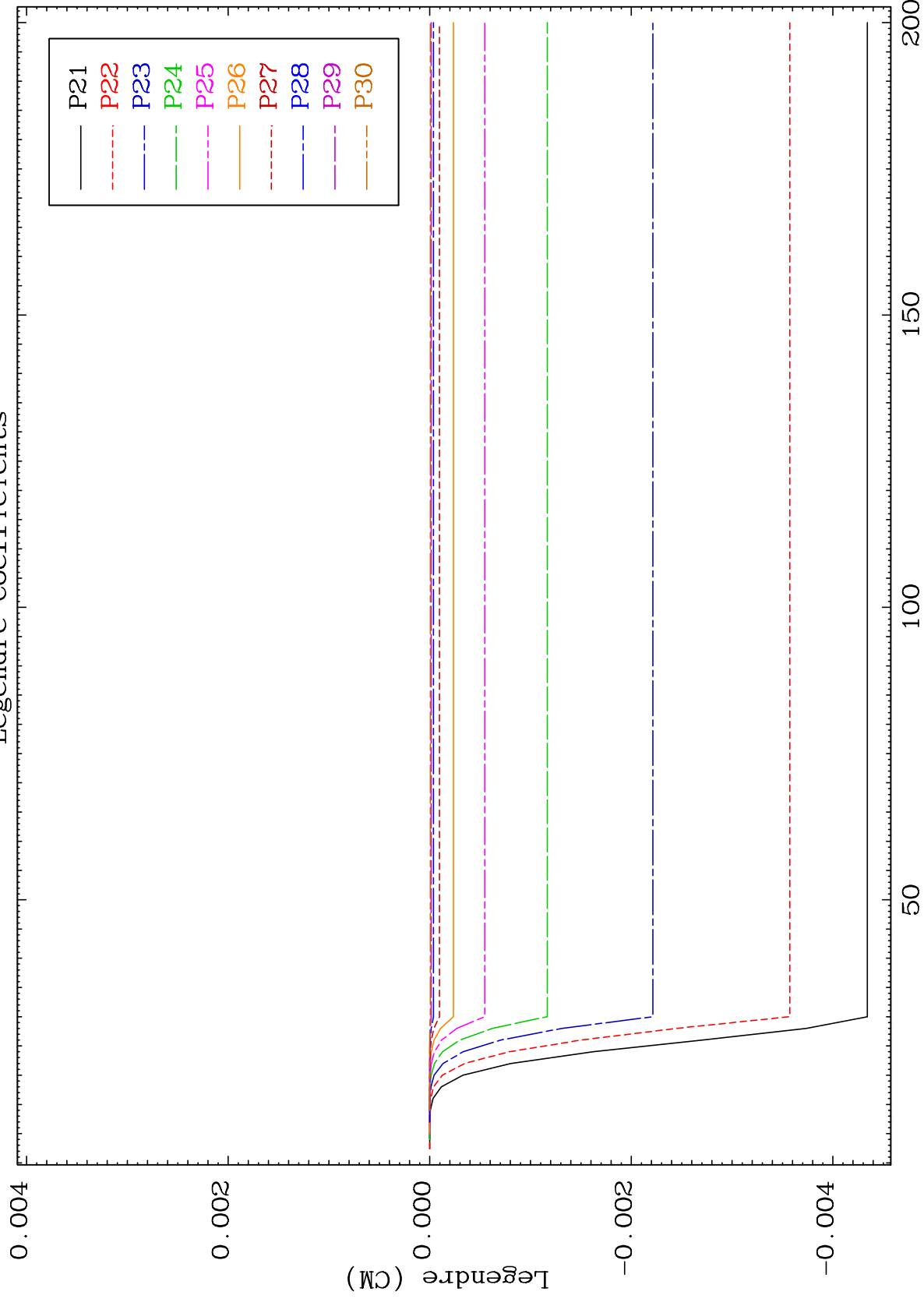
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

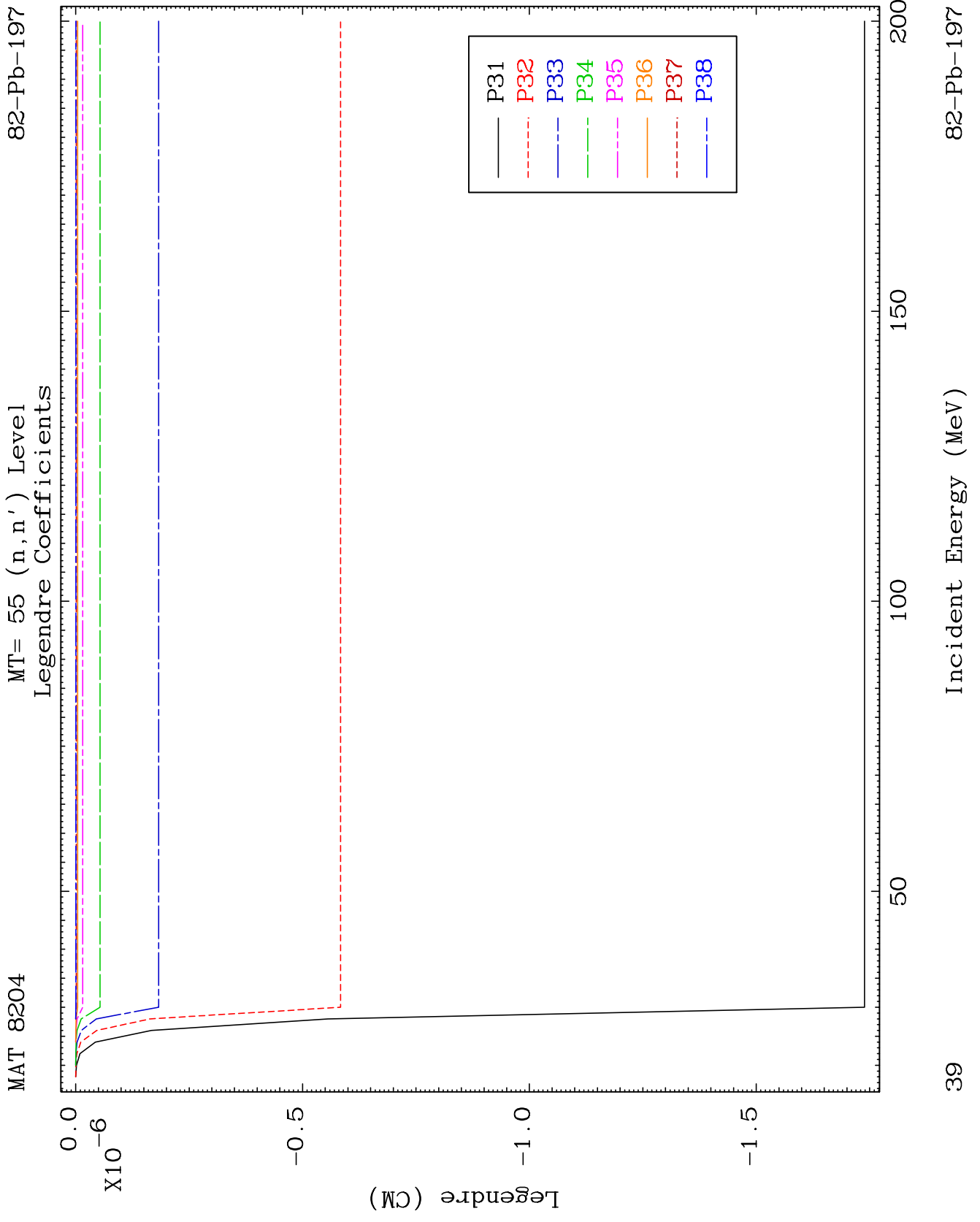
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38

Incident Energy (MeV)

82-Pb-197

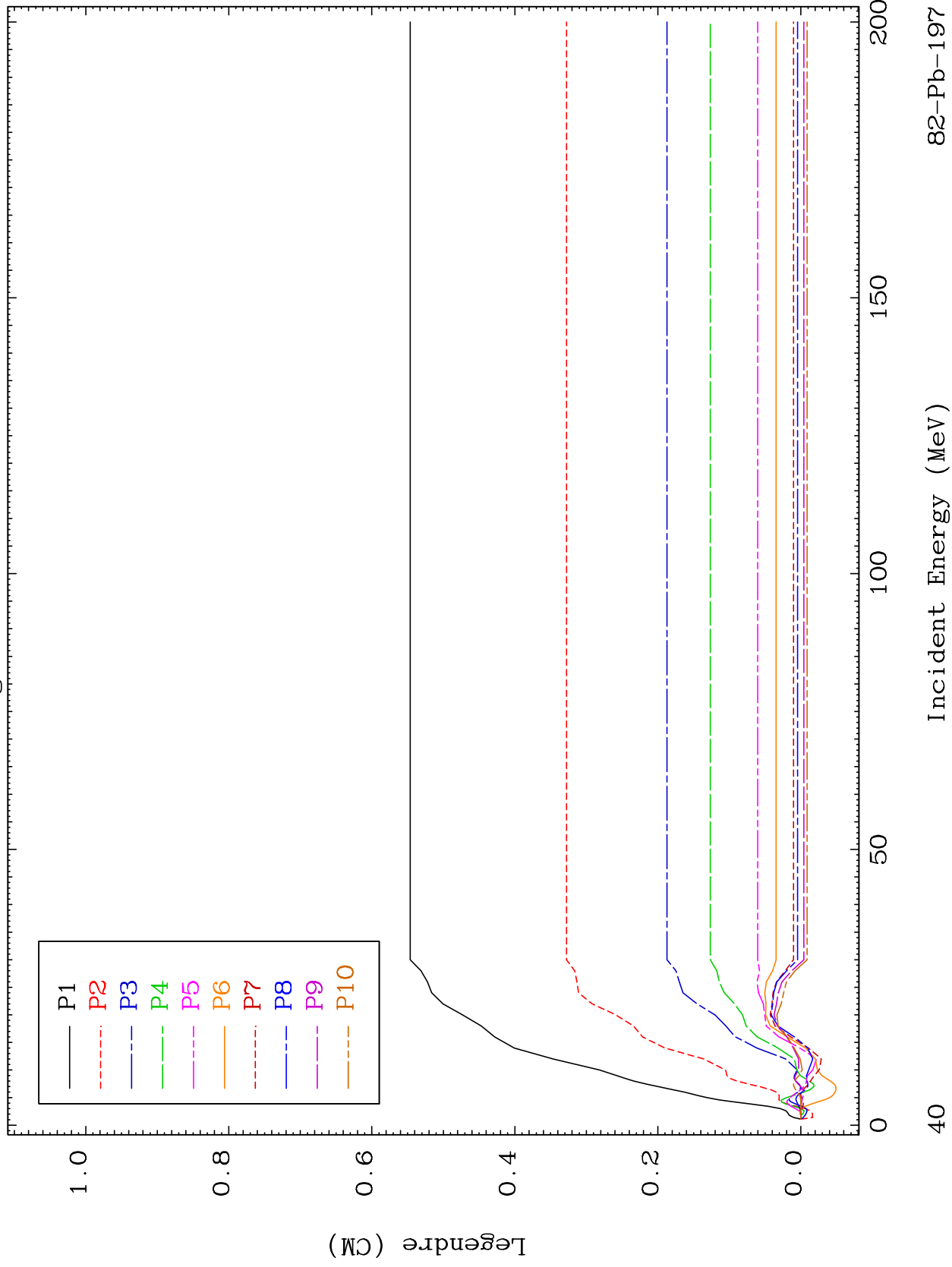




MAT 8204

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

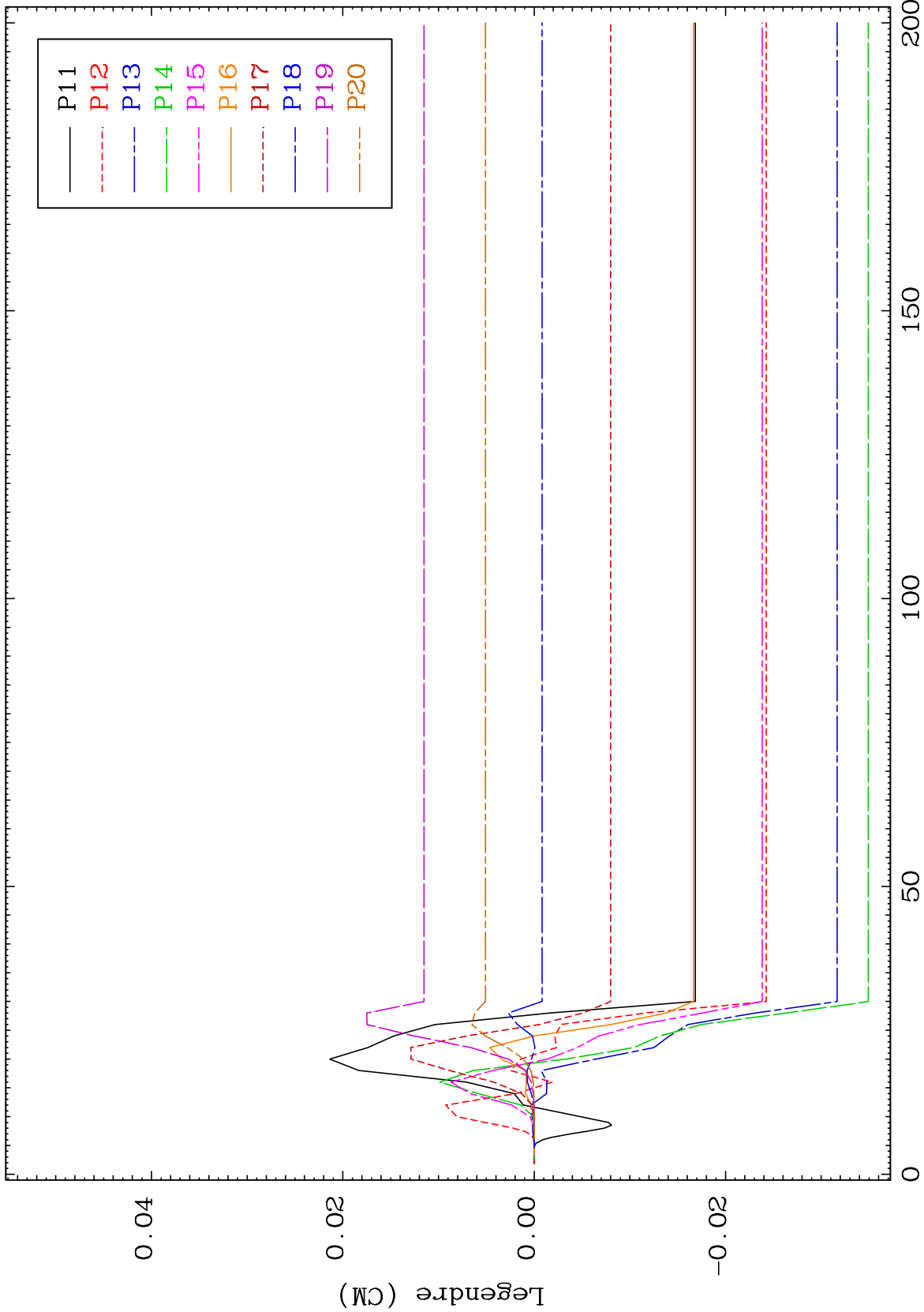
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MAT 8204

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

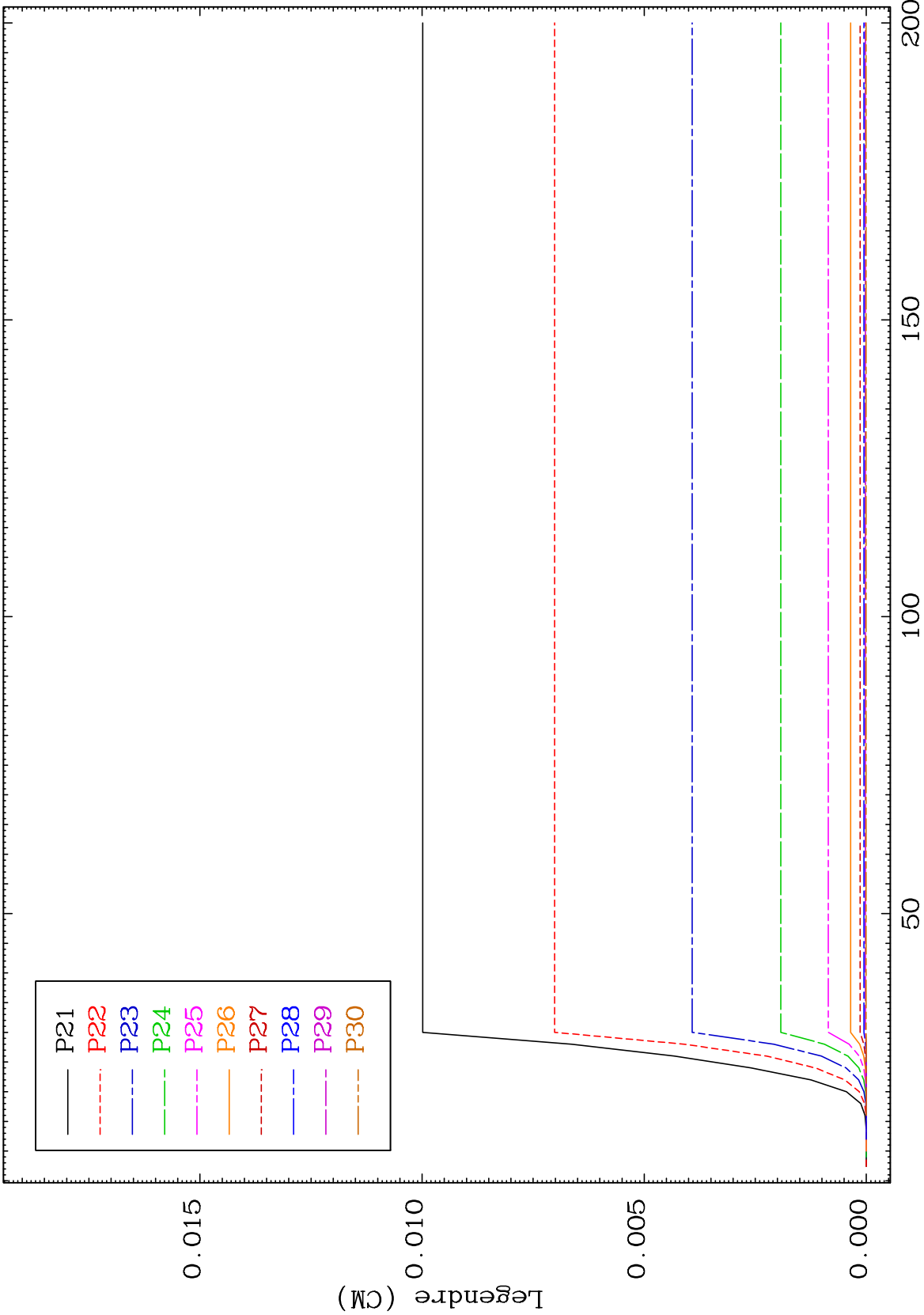
82-Pb-197



MAT 8204

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

82-Pb-197



42

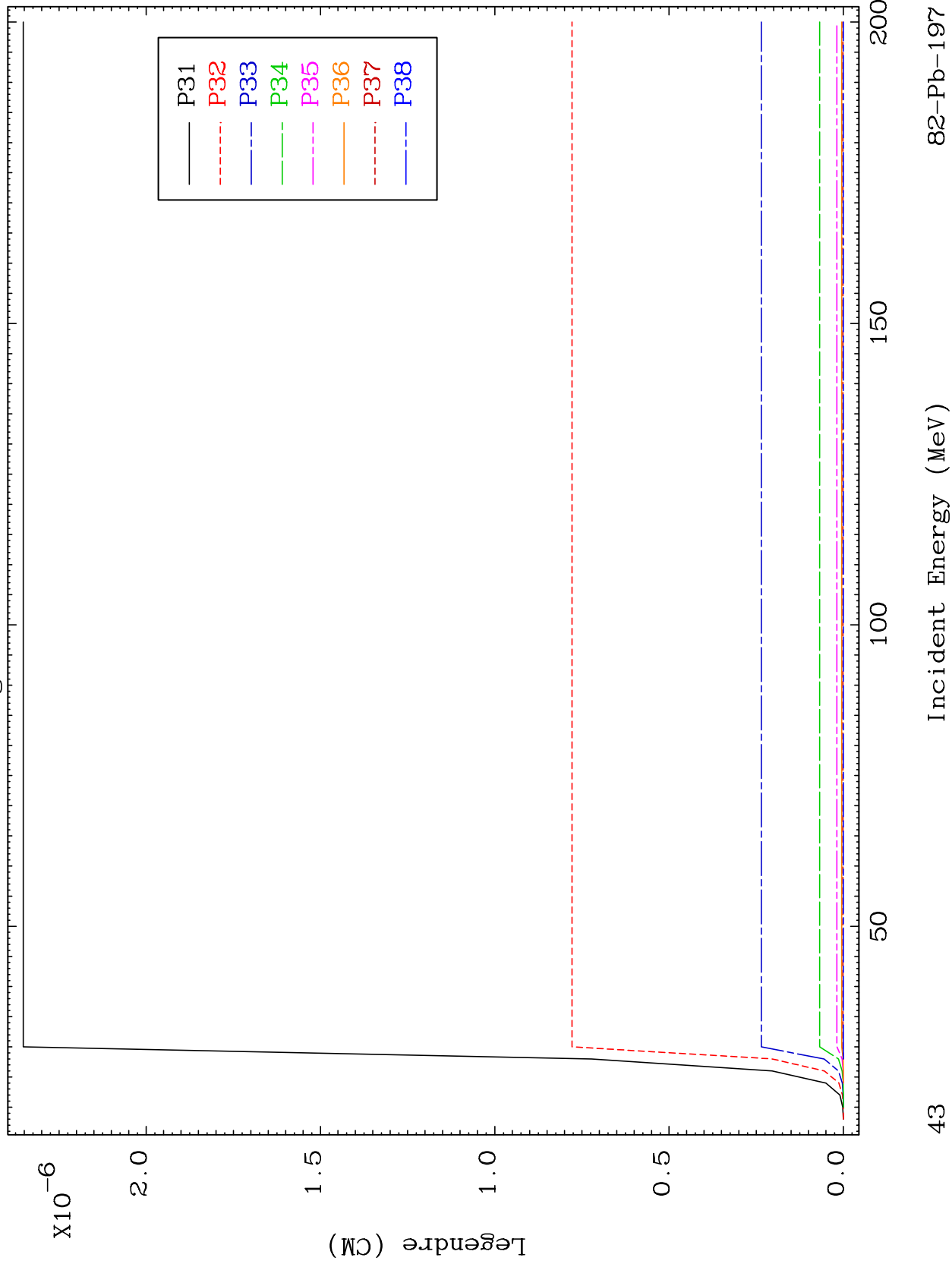
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

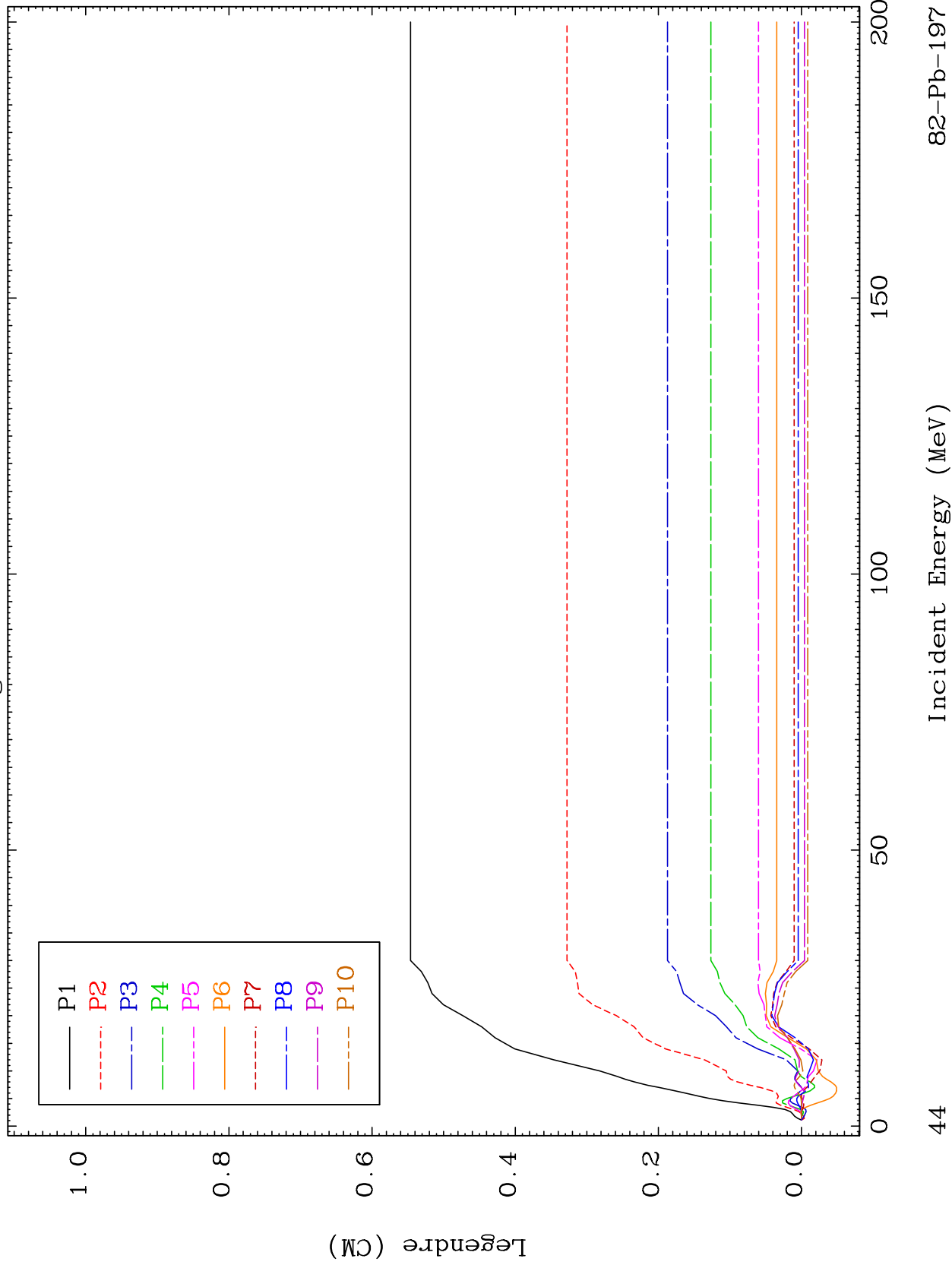
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MAT 8204

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

82-Pb-197

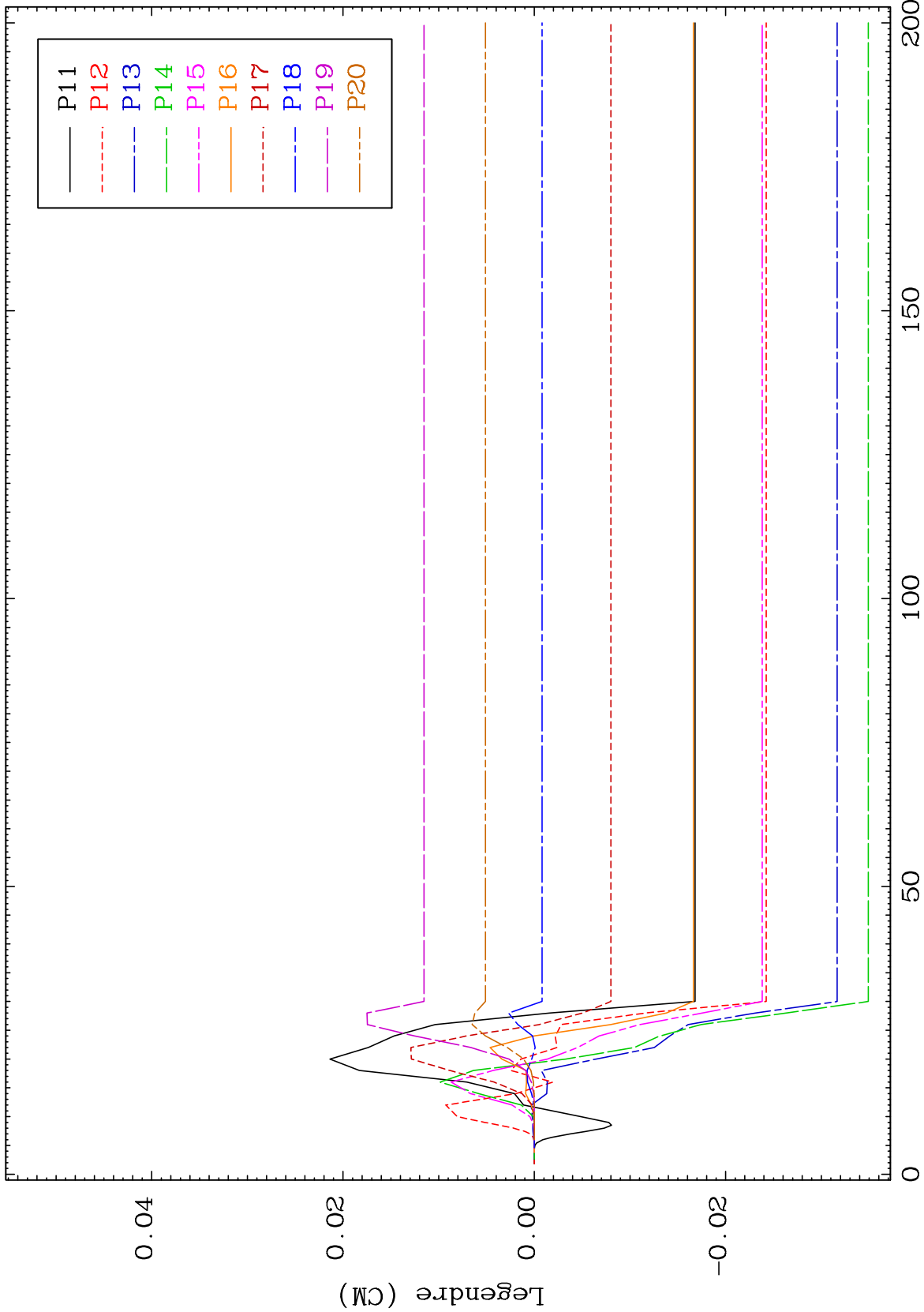


44

MAT 8204

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

82-Pb-197



82-Pb-197

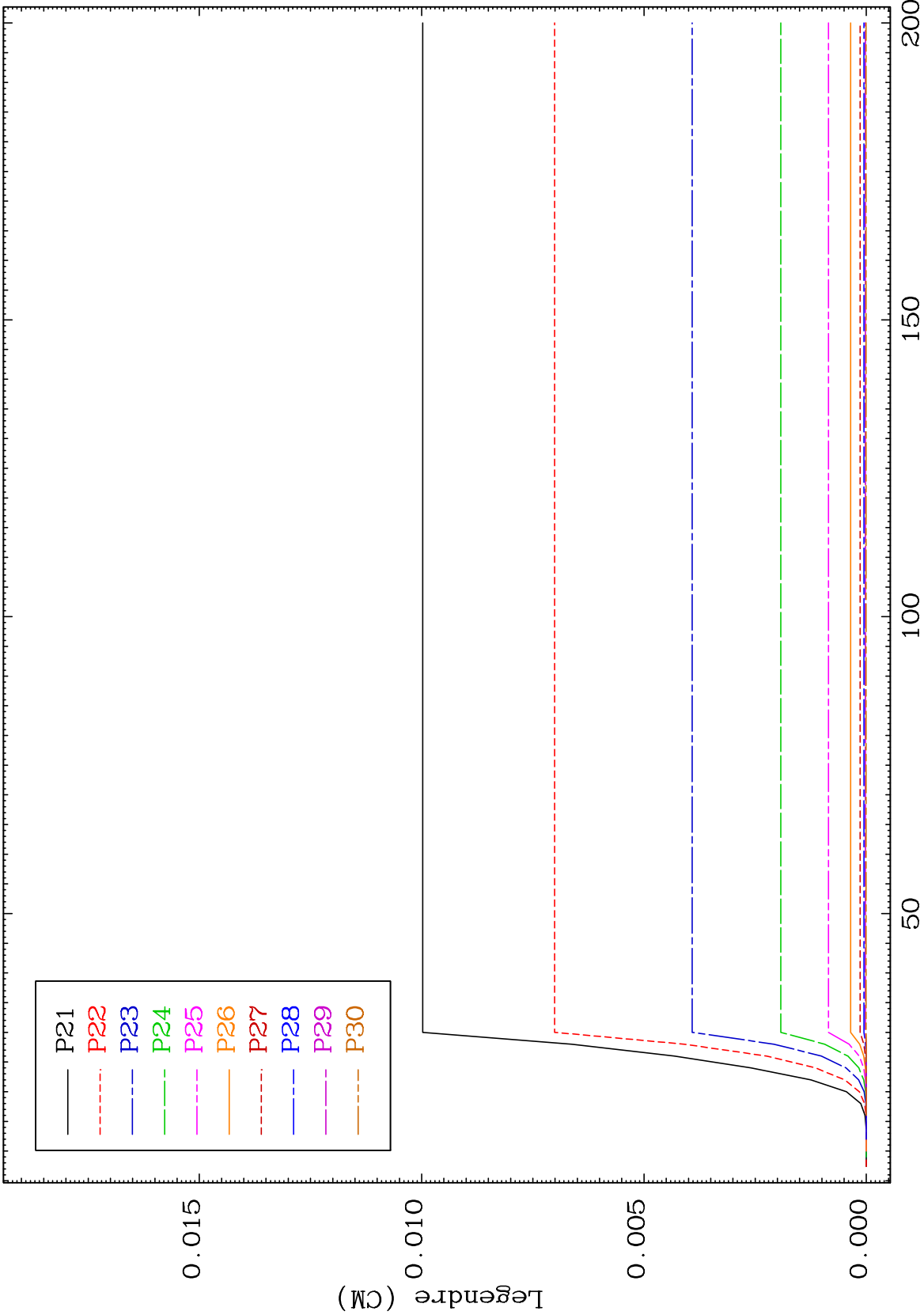
Incident Energy (MeV)

45

MAT 8204

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

82-Pb-197



46

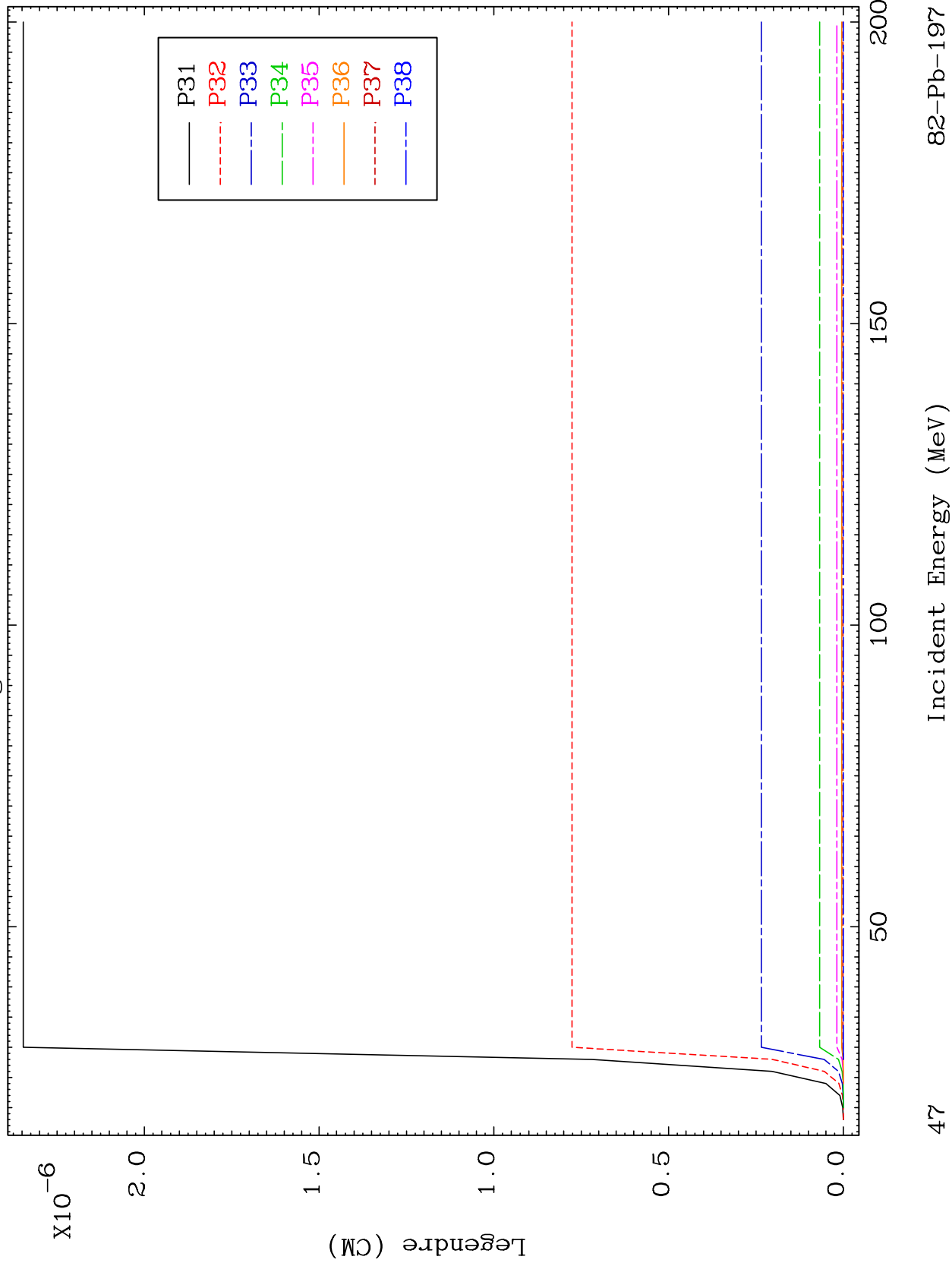
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197

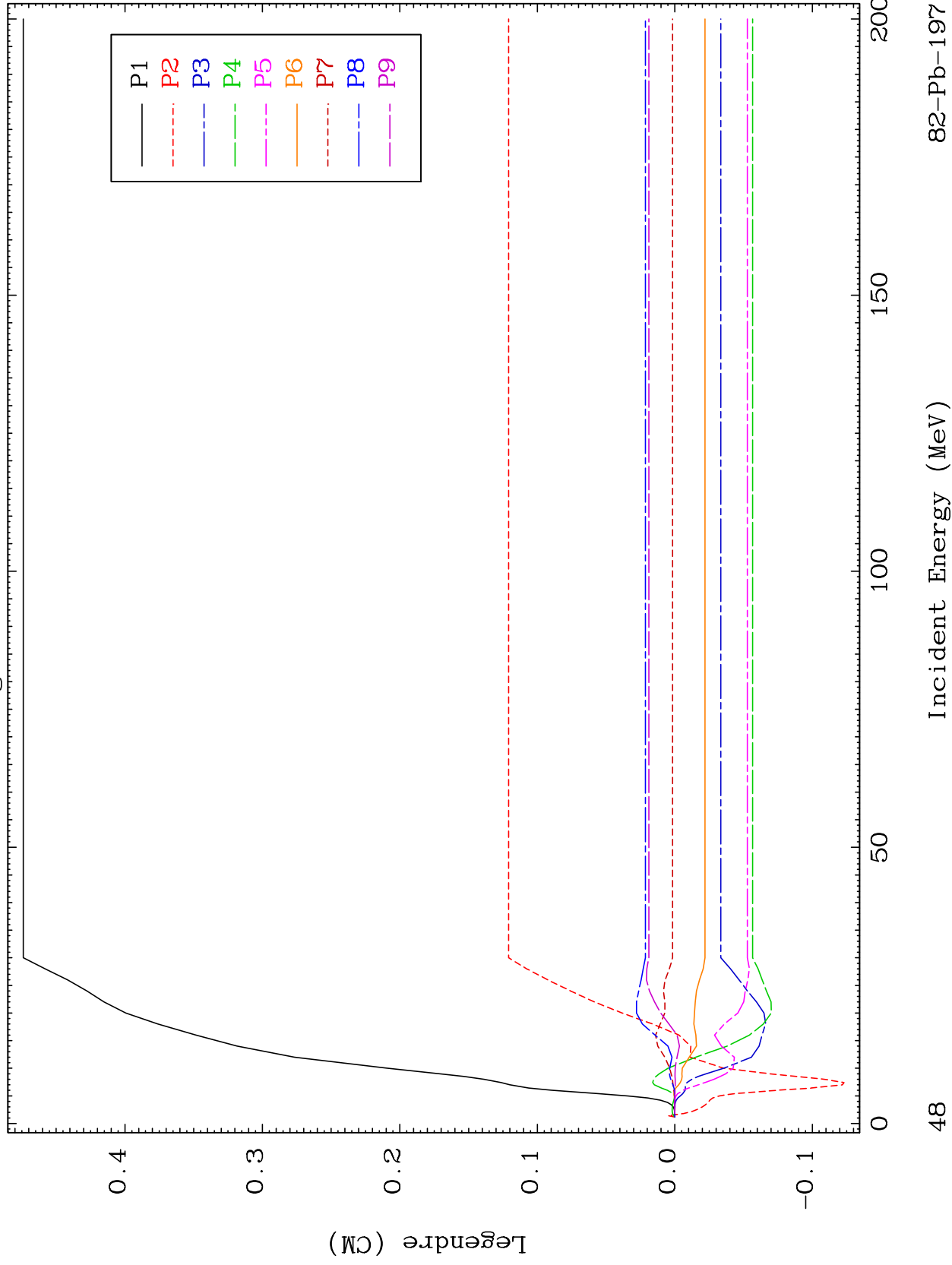




MAT 8204

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

82-Pb-197



82-Pb-197

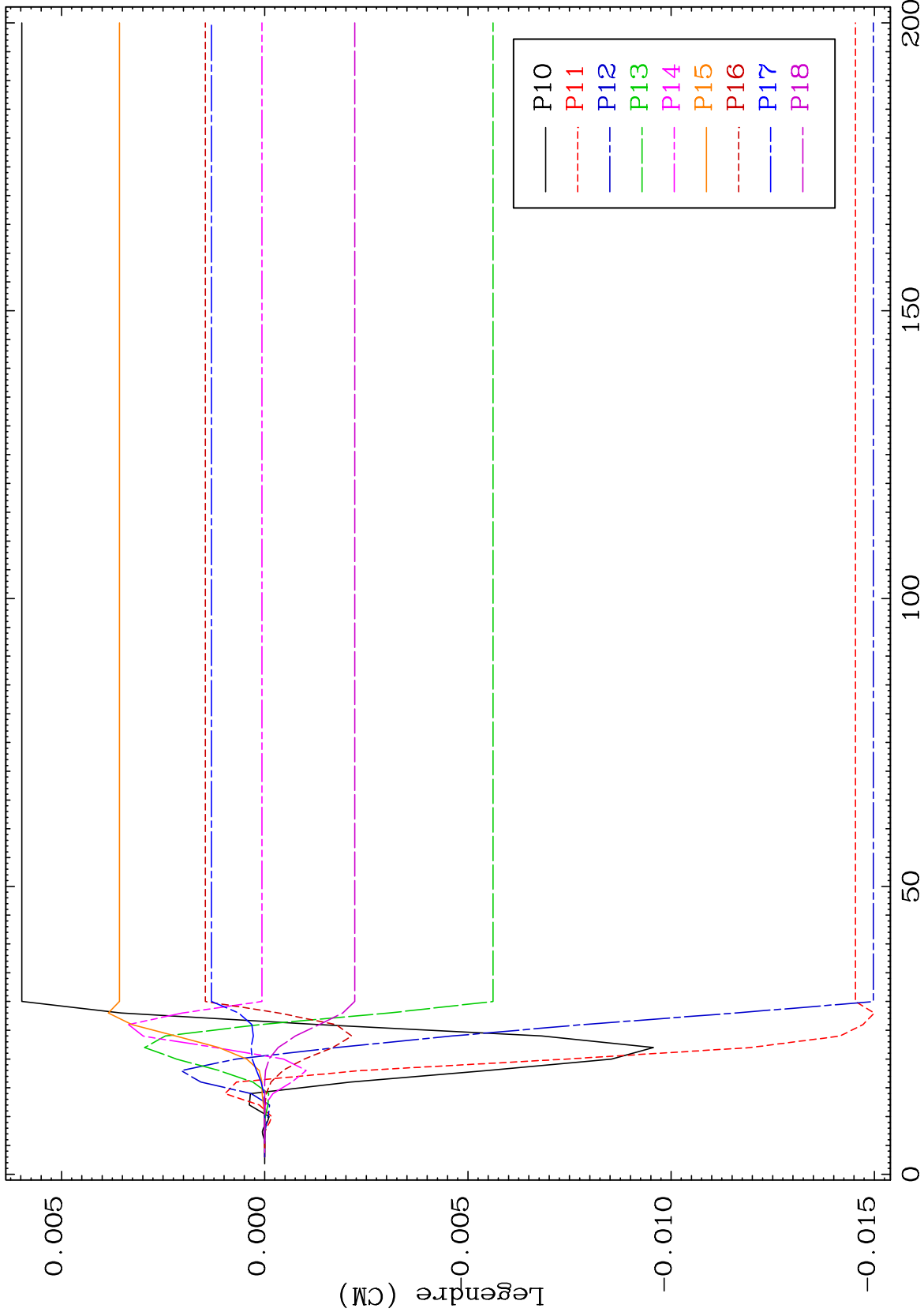
Incident Energy (MeV)

48

MAT 8204

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

82-Pb-197



49

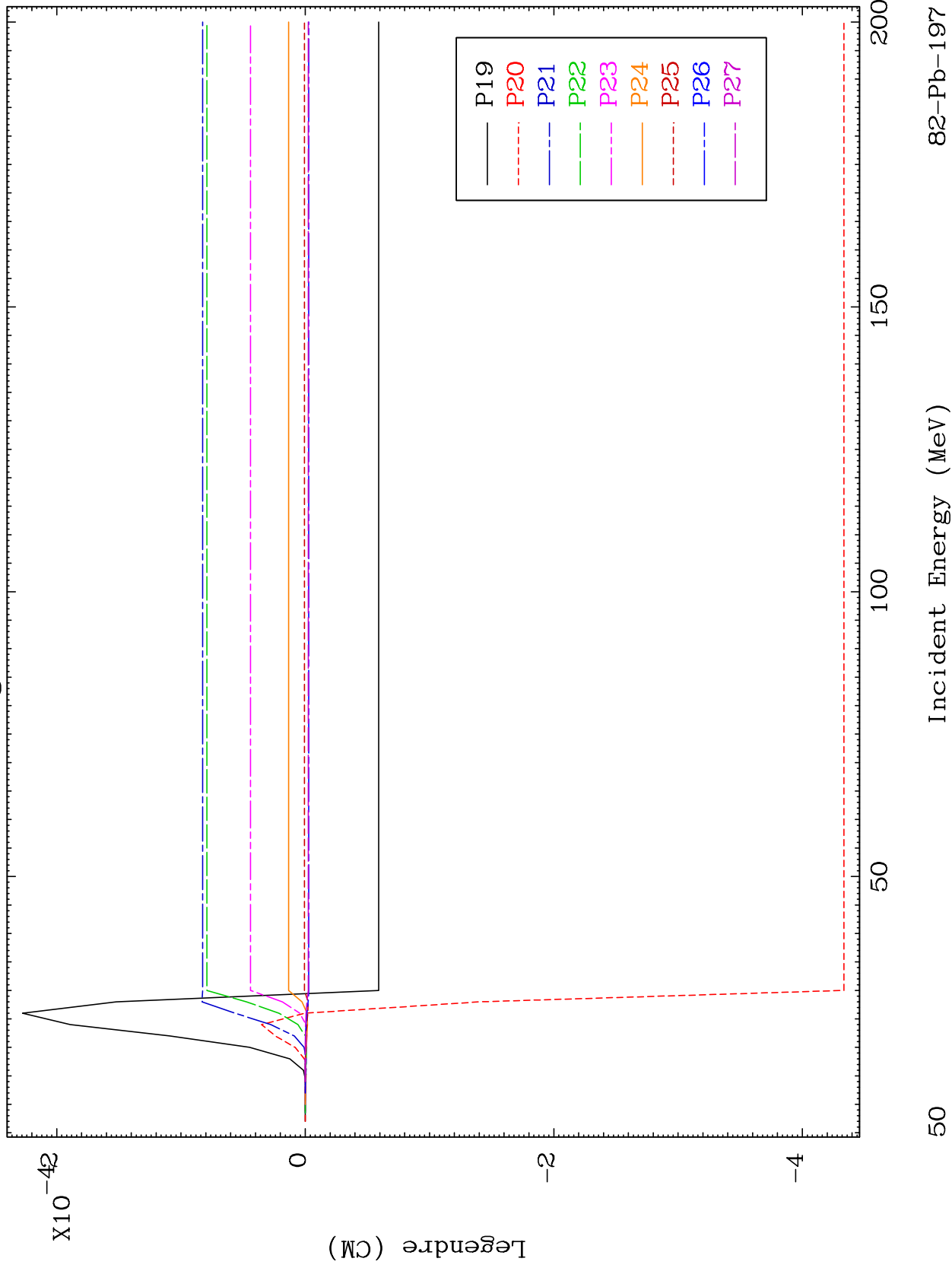
Incident Energy (MeV)

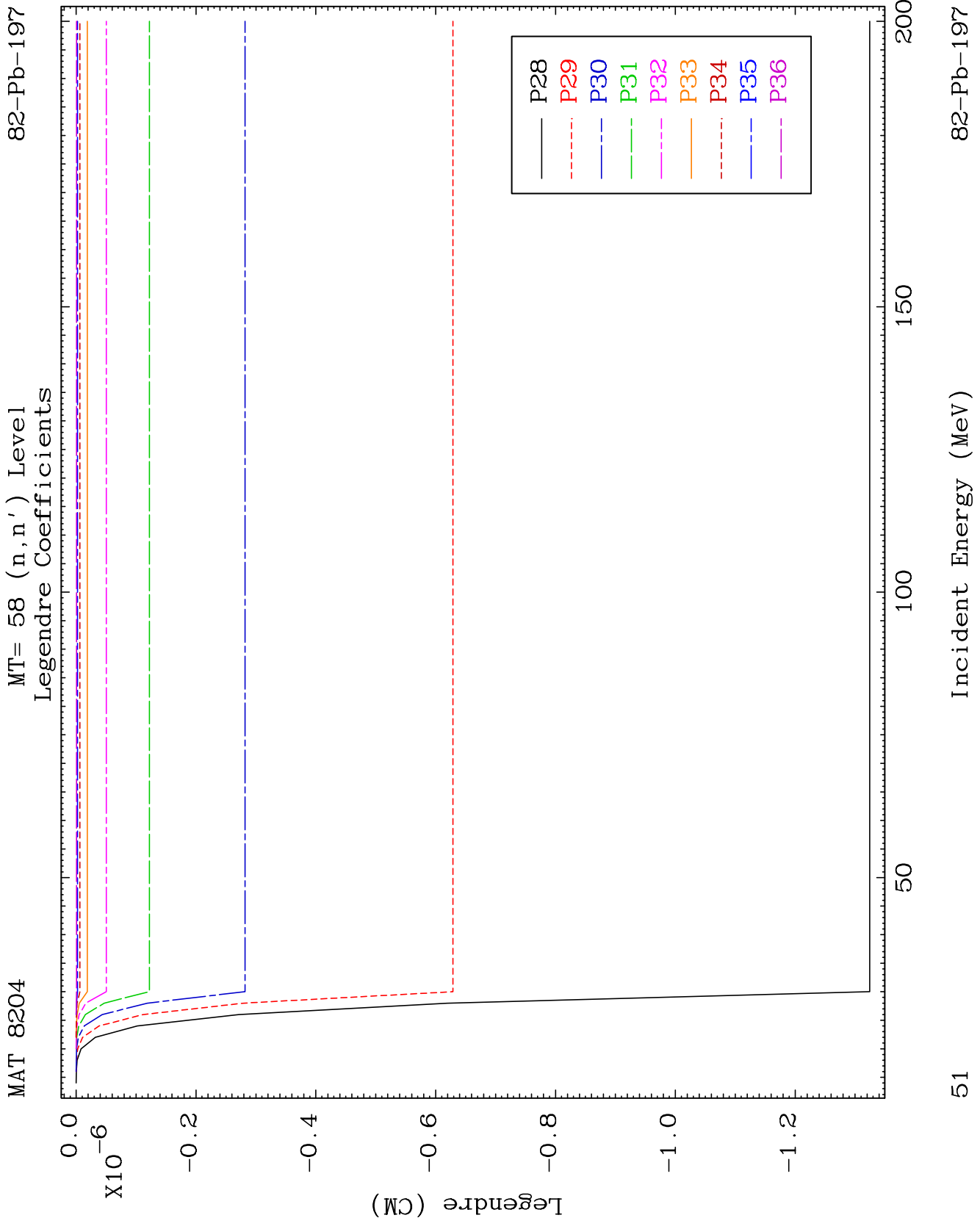
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MAT 8204

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

82-Pb-197

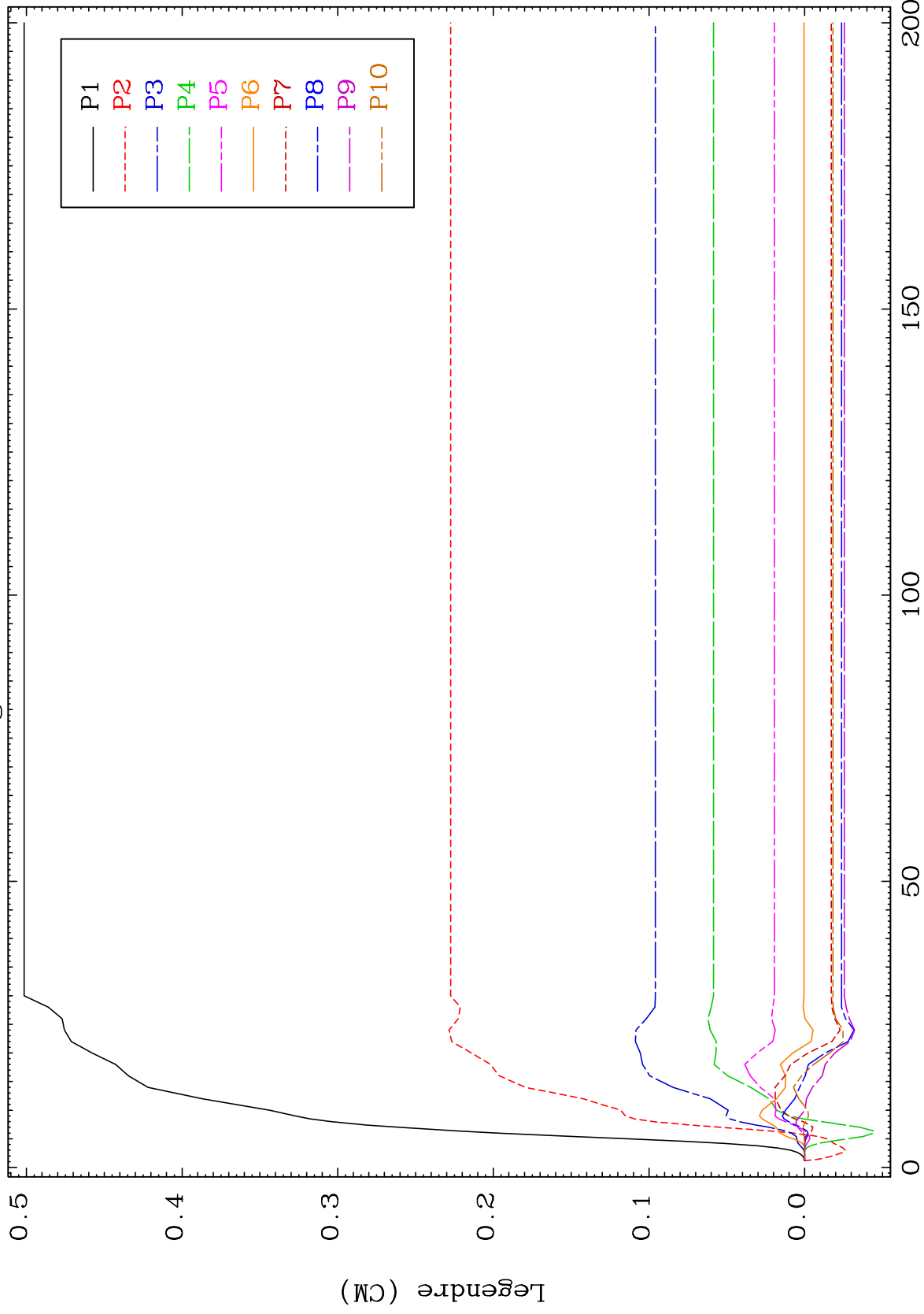




MAT 8204

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

82-Pb-197



Incident Energy (MeV)

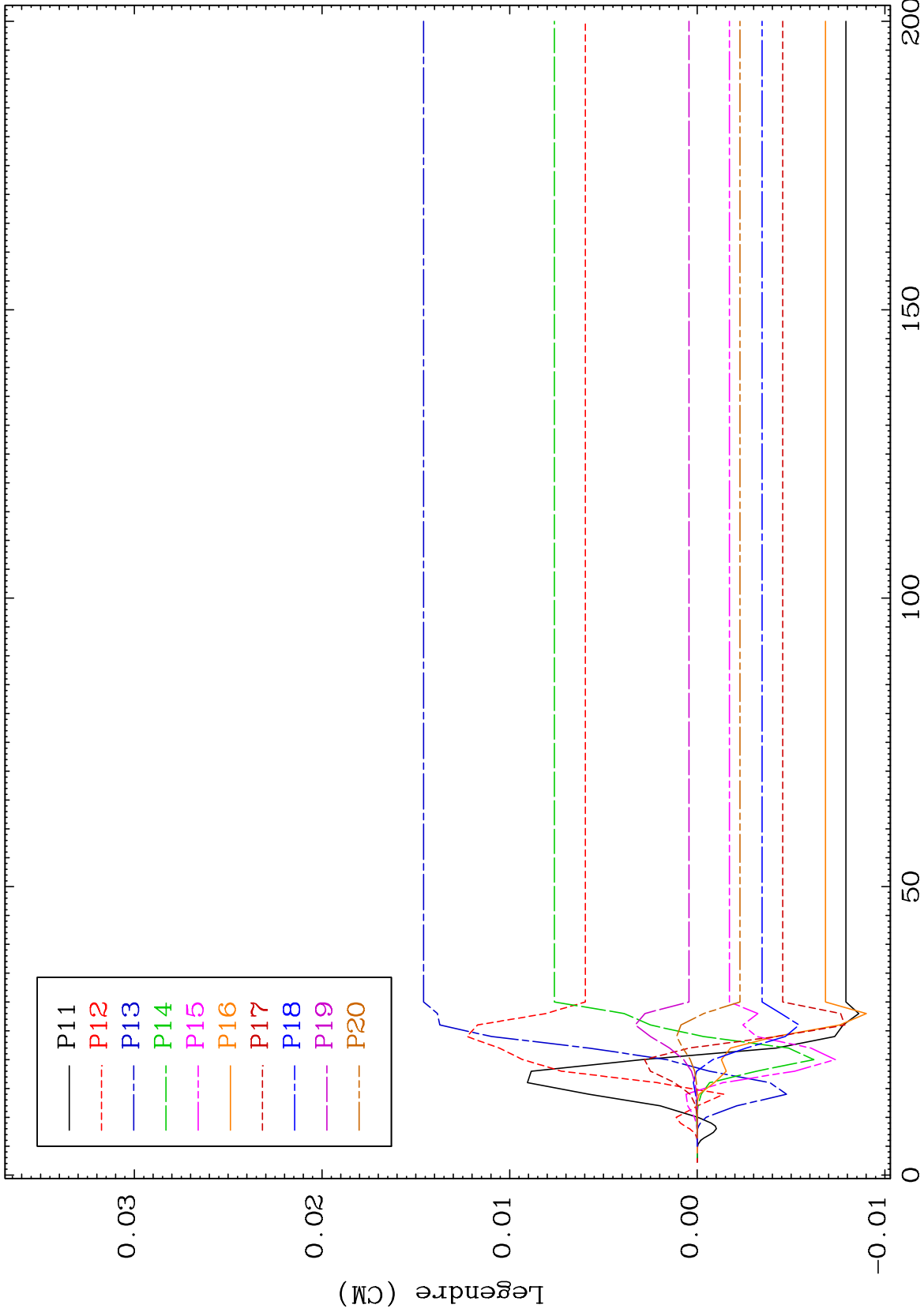
82-Pb-197

52

MAT 8204

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

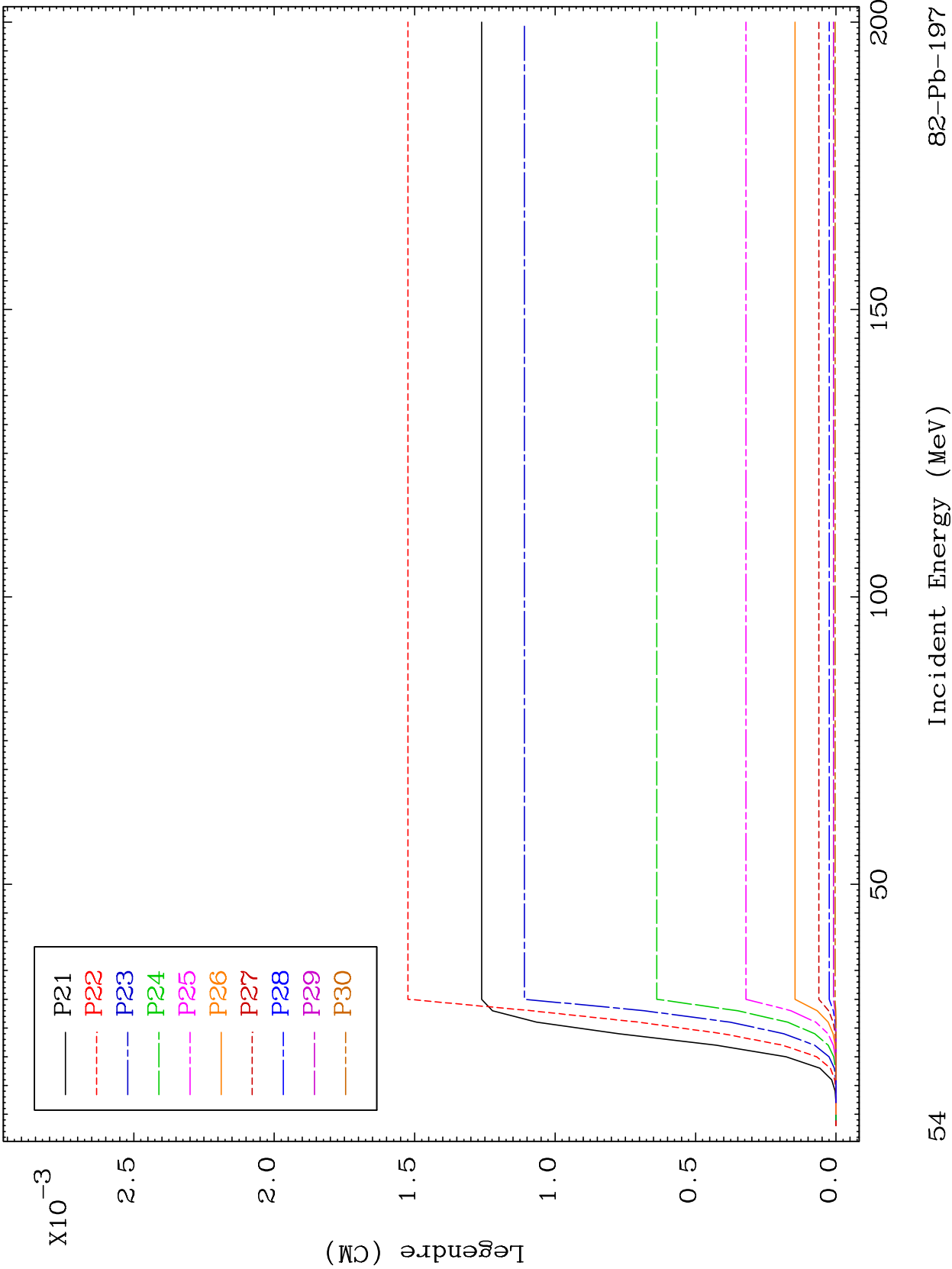
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53

Incident Energy (MeV)

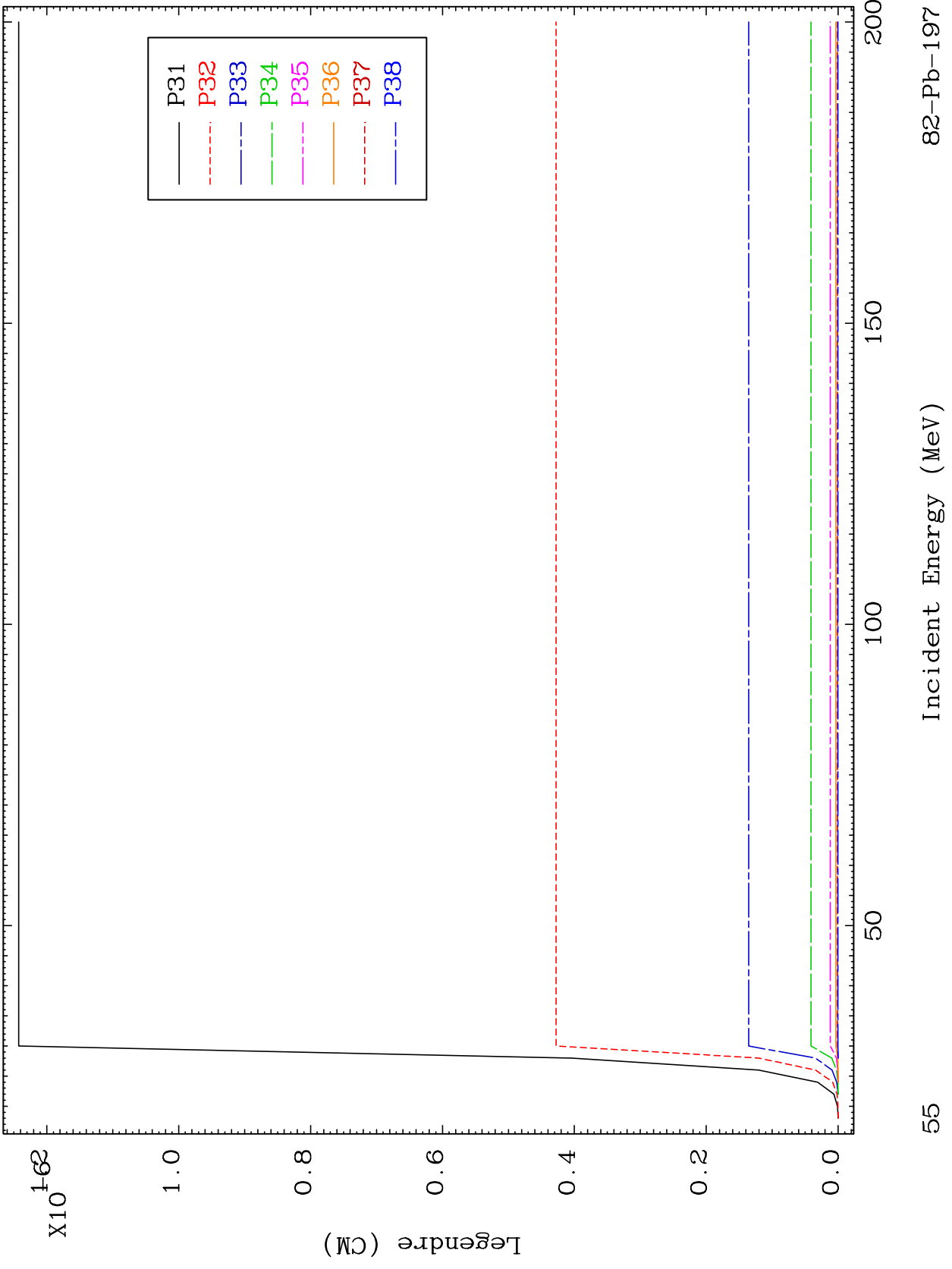
82-Pb-197



MAT 8204

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

82-Pb-197



55

Incident Energy (MeV)

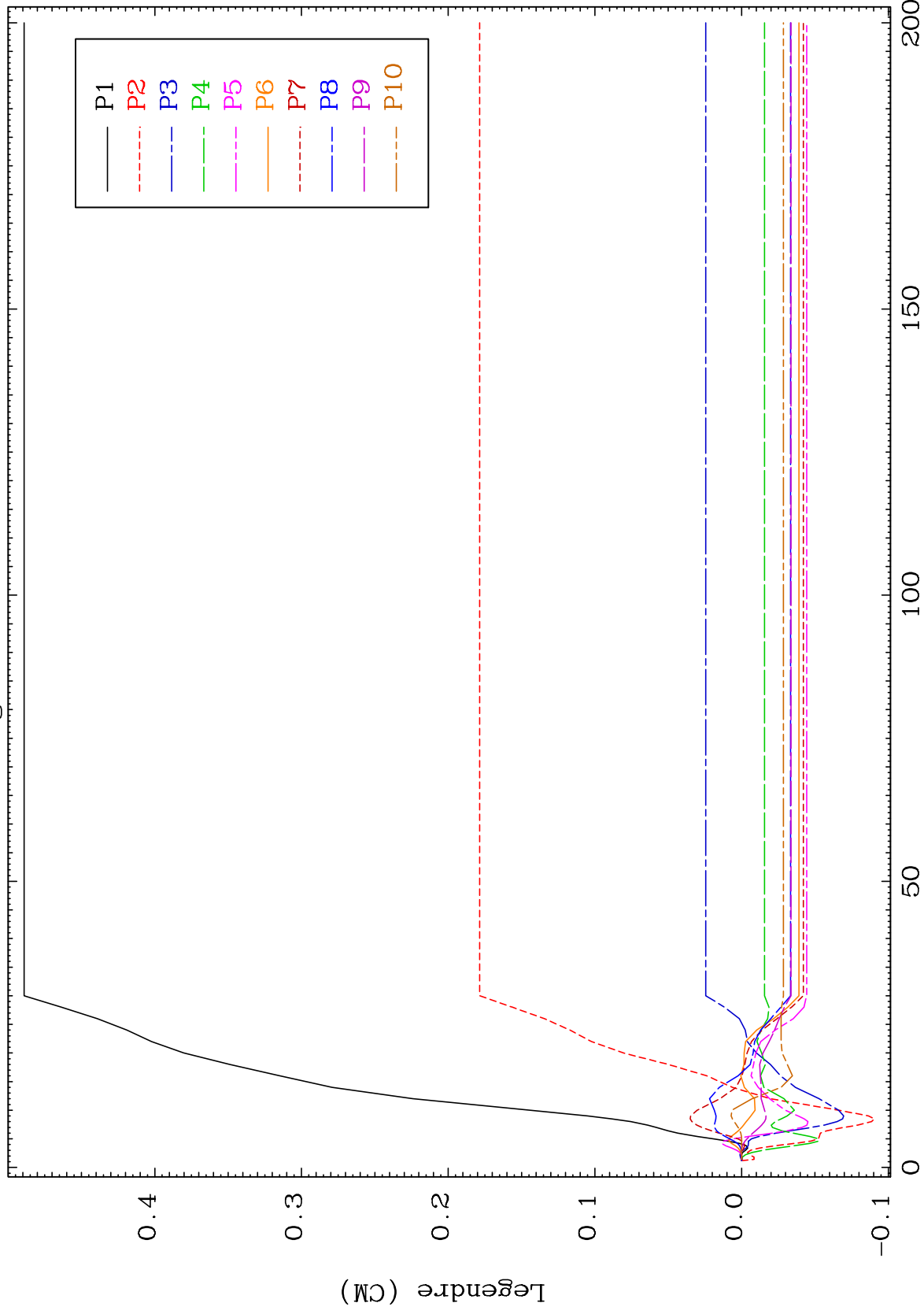
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MAT 8204

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

82-Pb-197



82-Pb-197

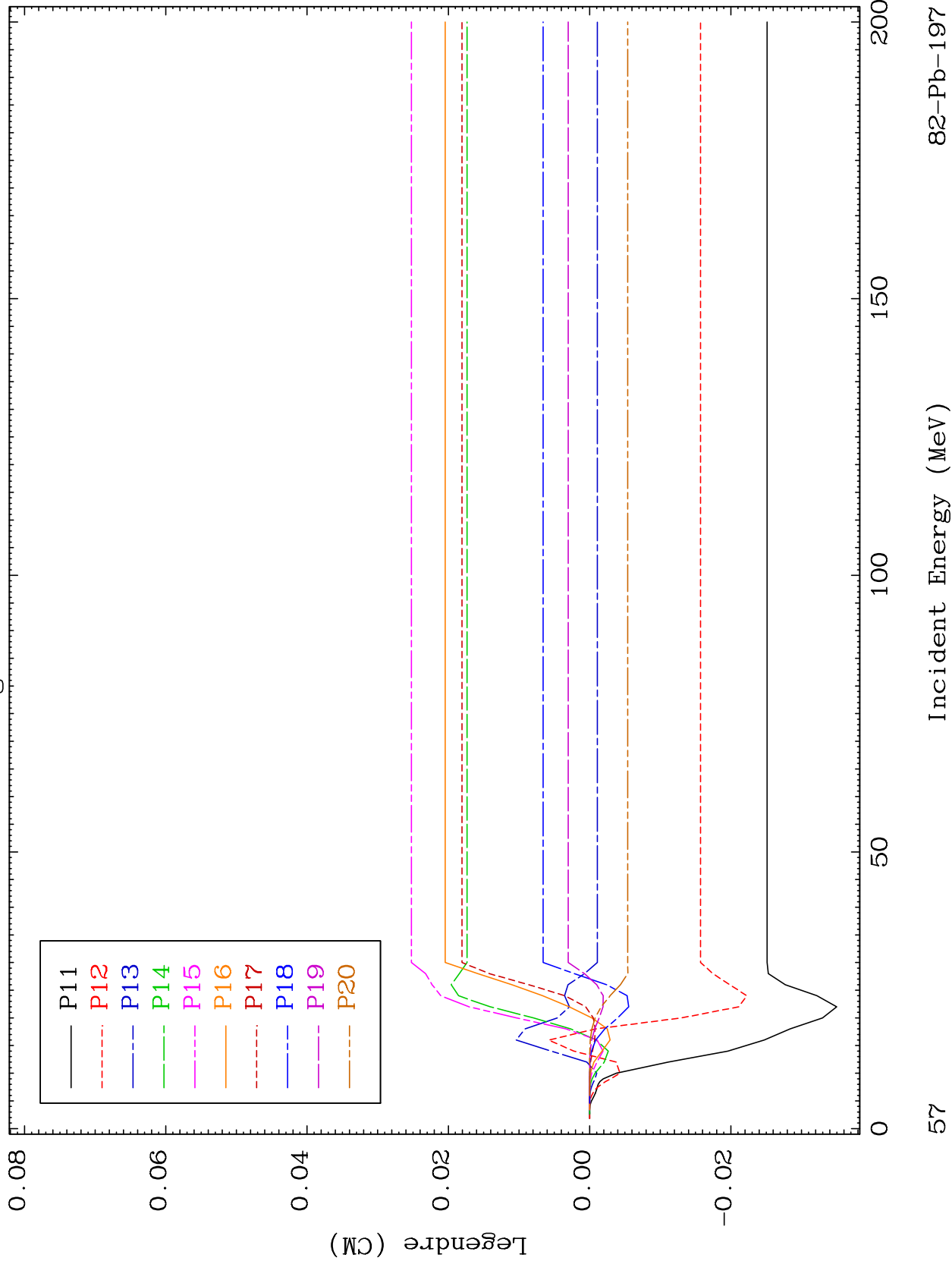
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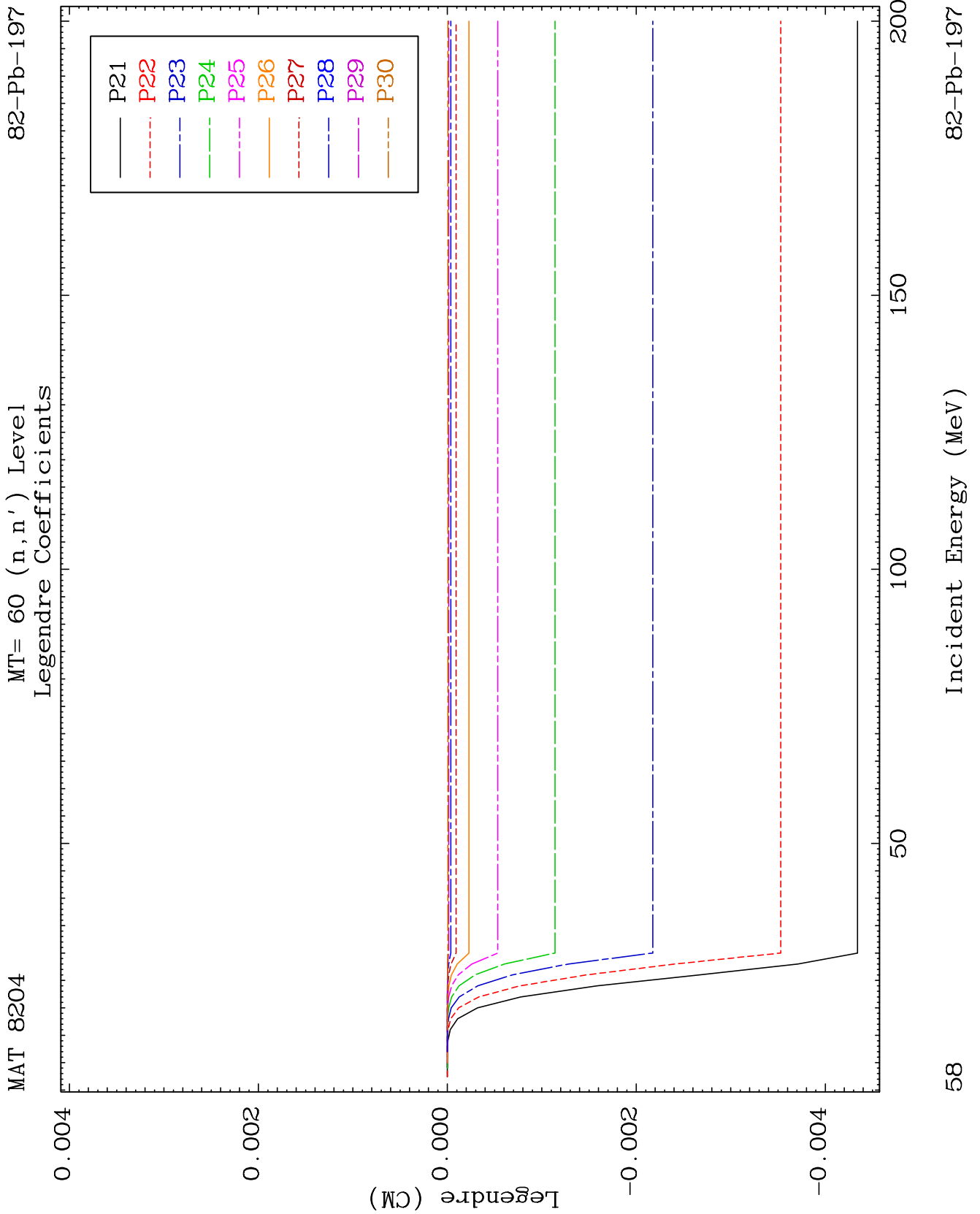
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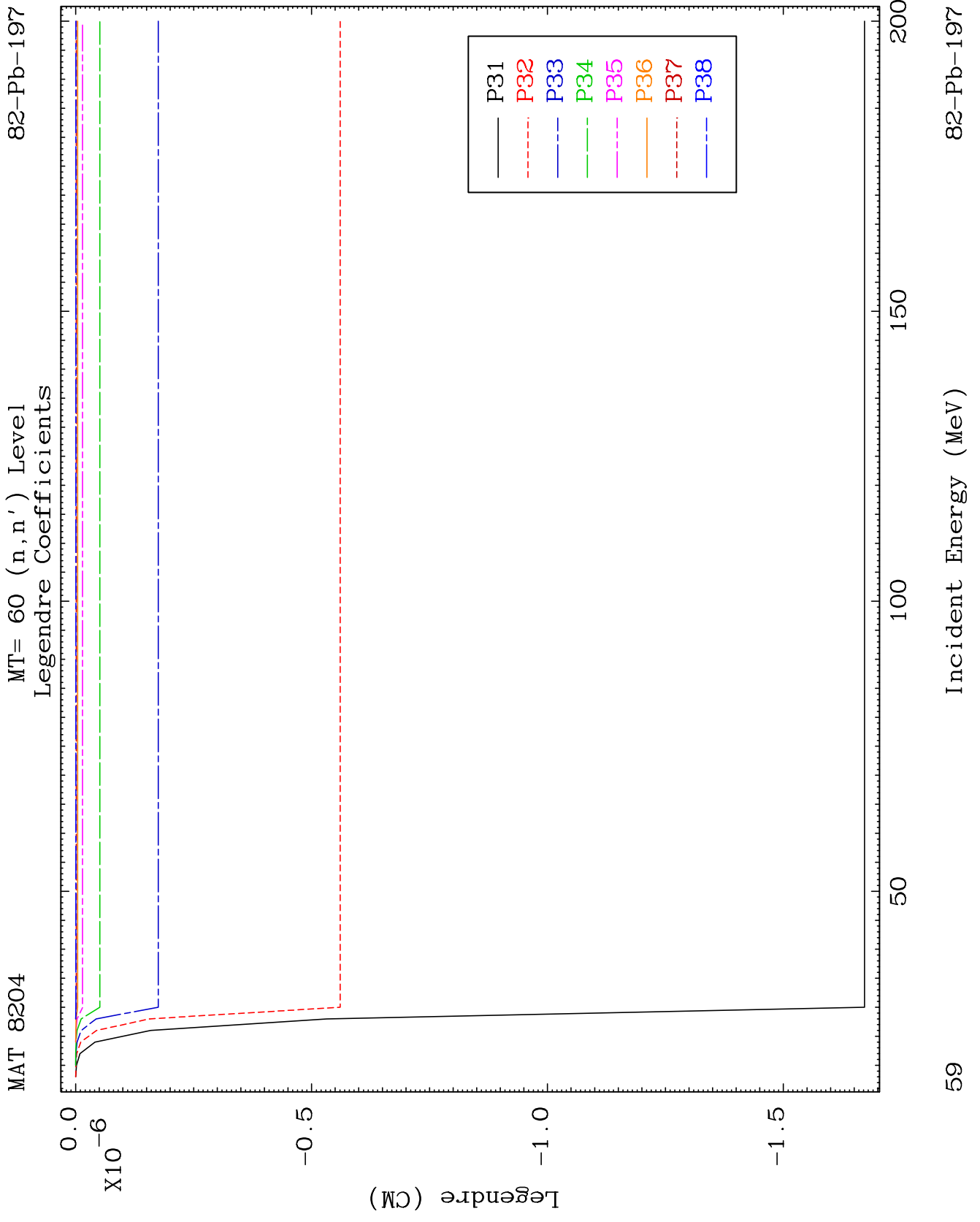
MAT 8204

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

82-Pb-197



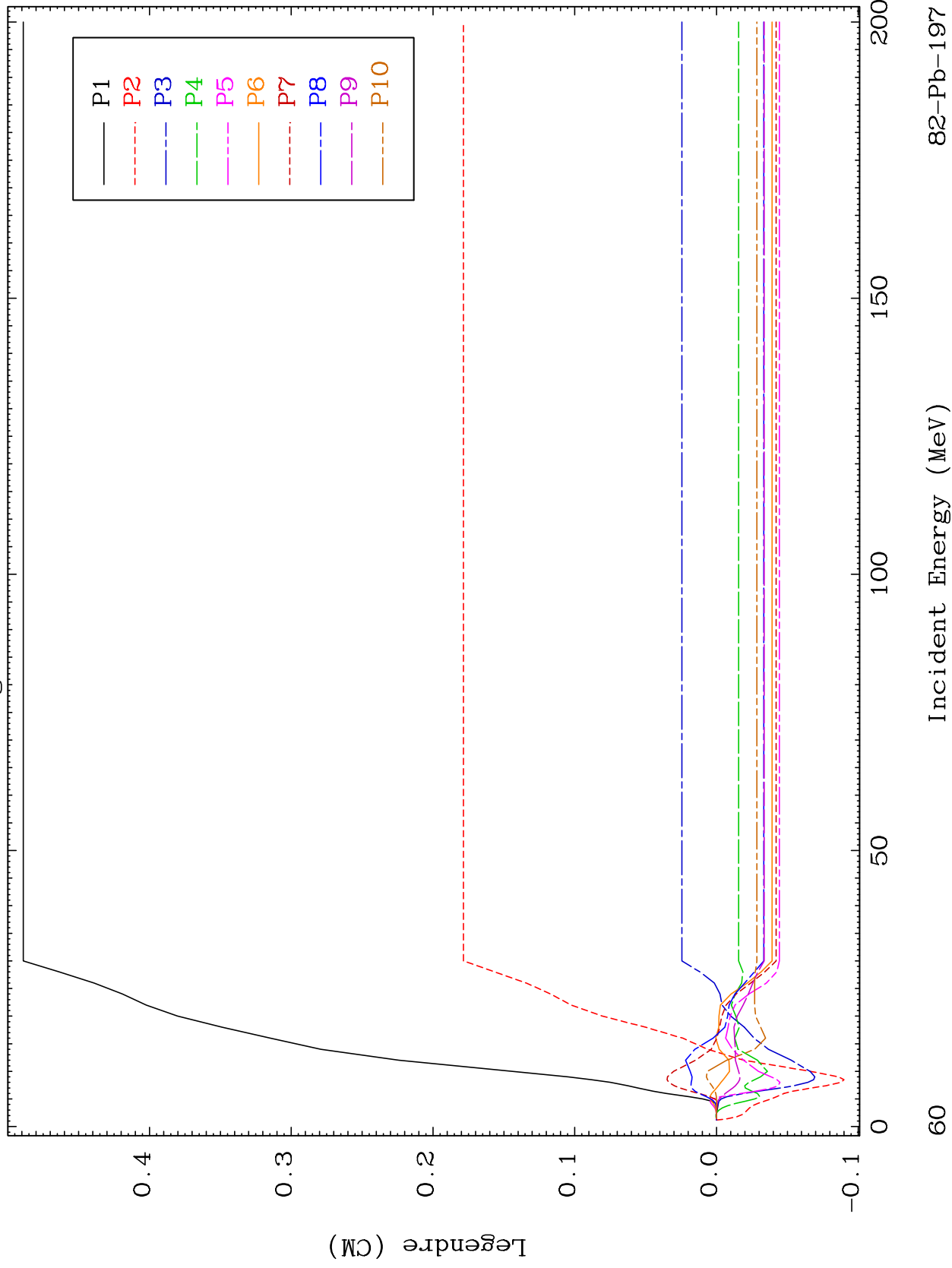




MAT 8204

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

82-Pb-197

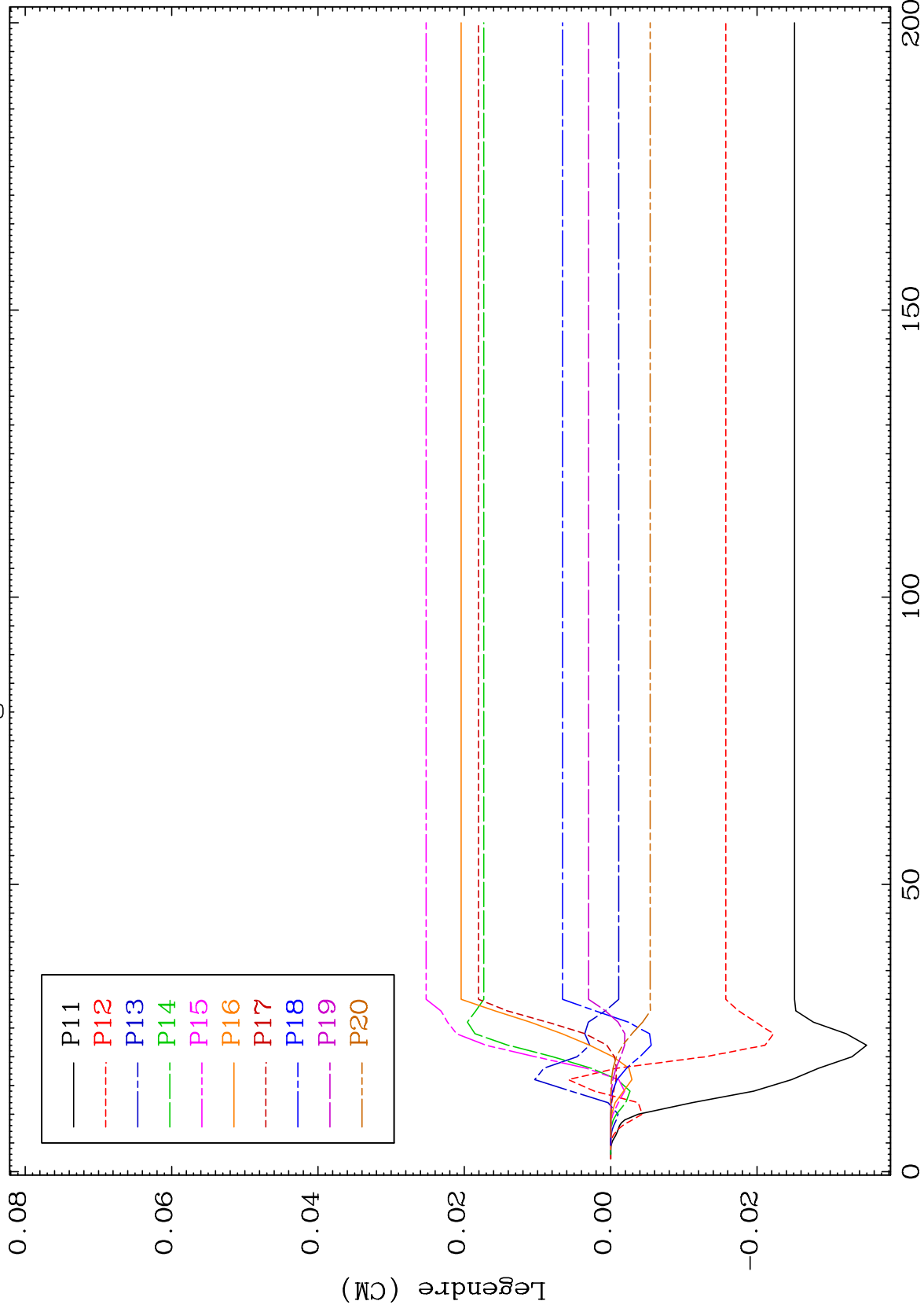


82-Pb-197

MAT 8204

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

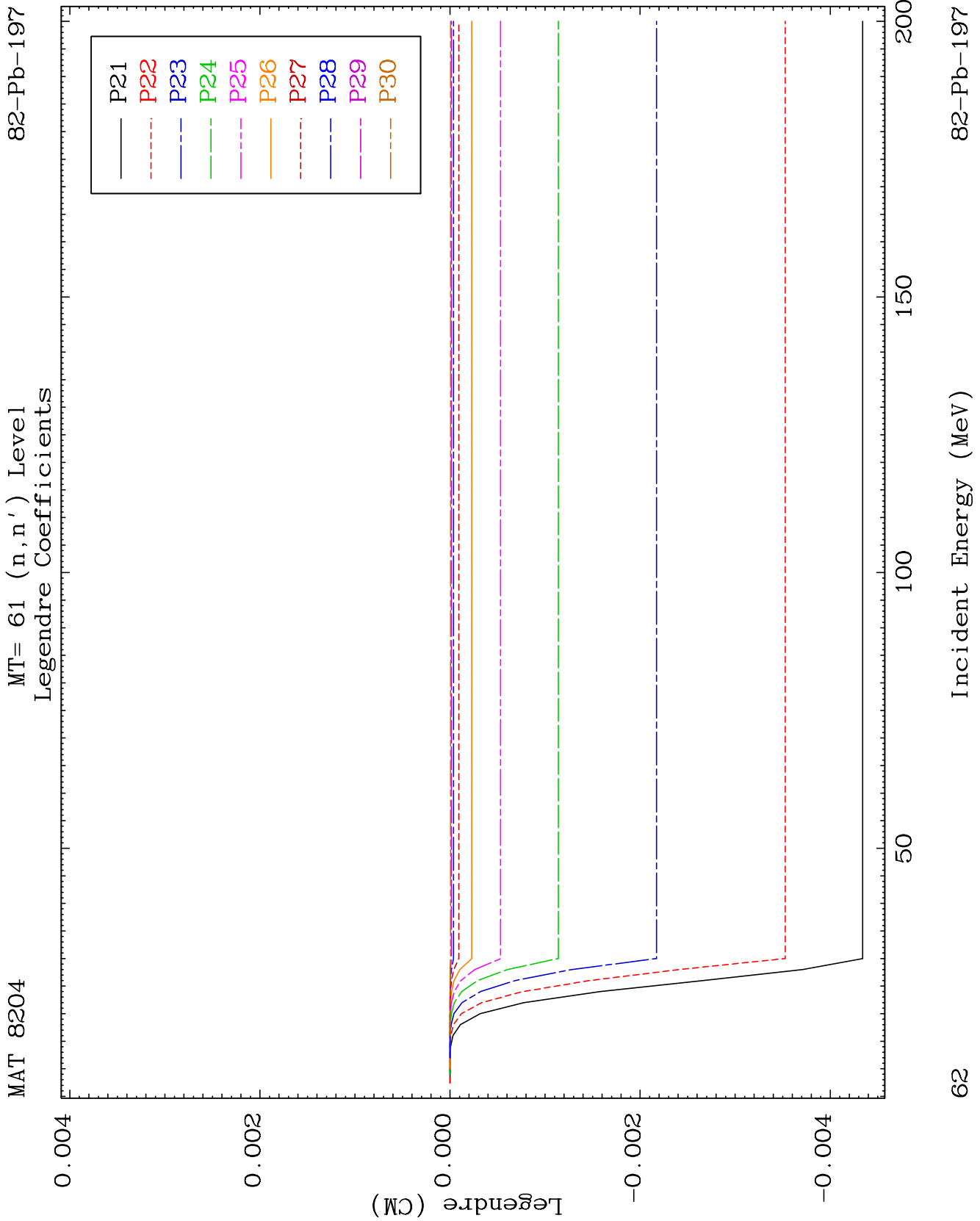
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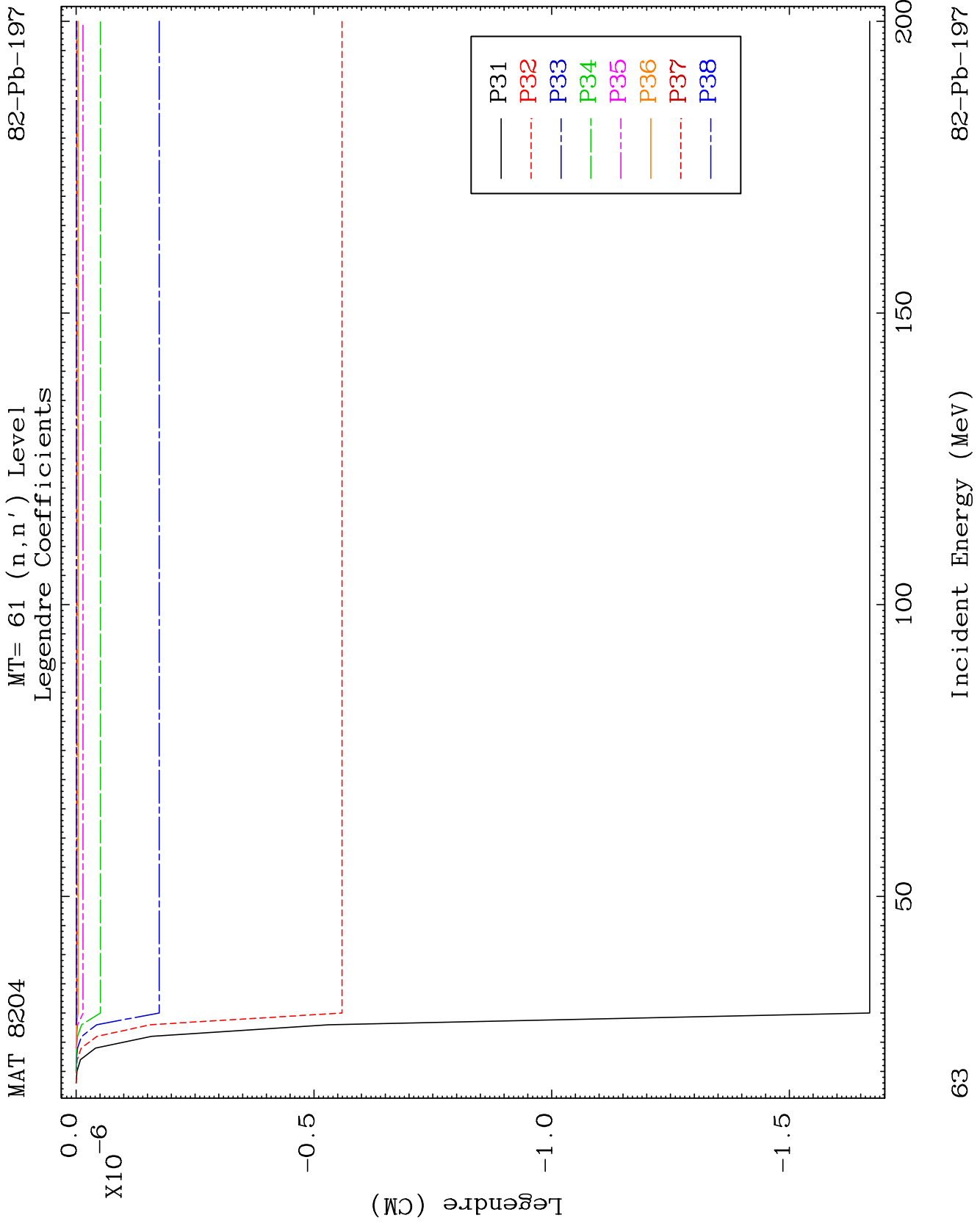


61

Incident Energy (MeV)

82-Pb-197



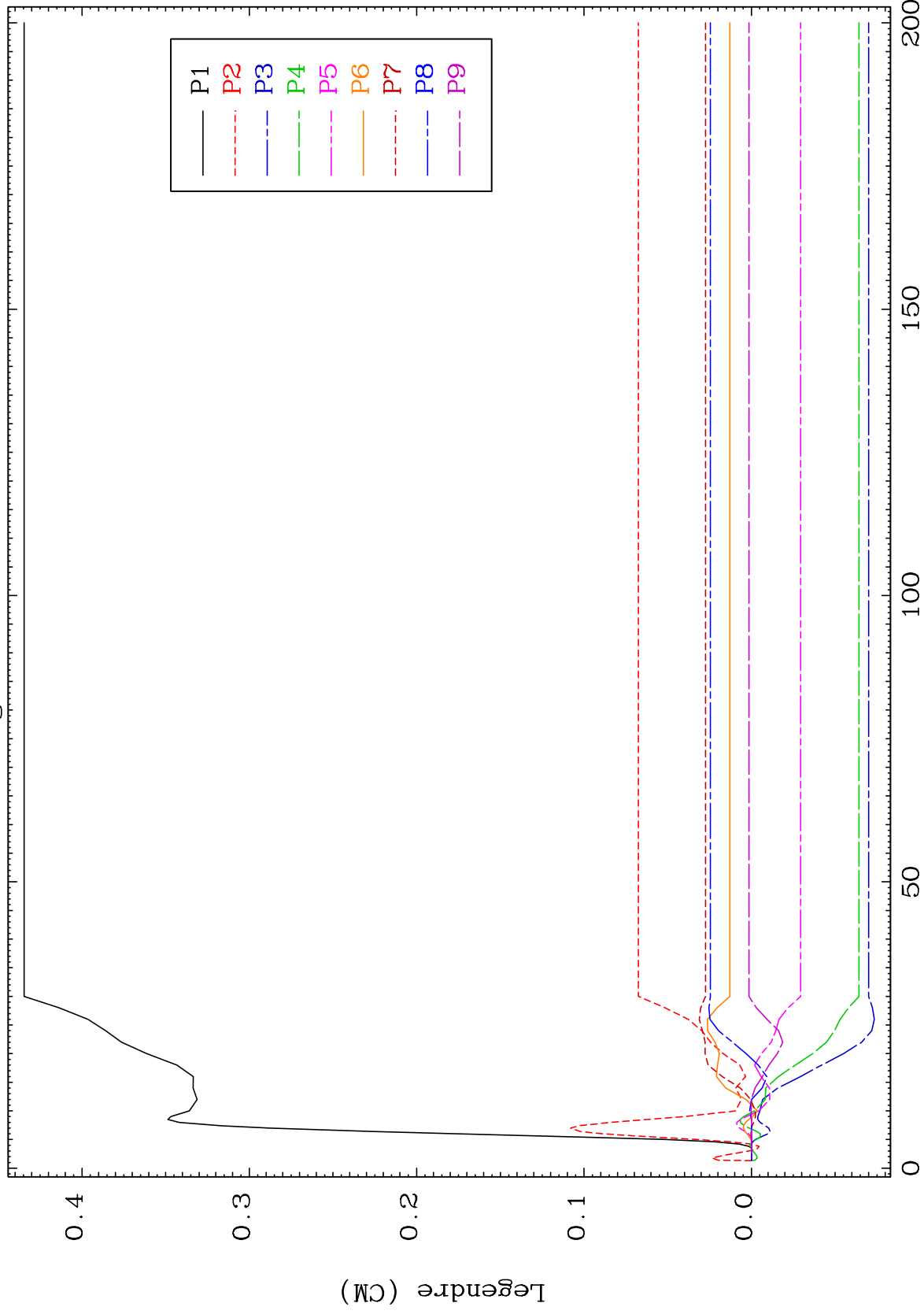




MAT 8204

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

82-Pb-197



64

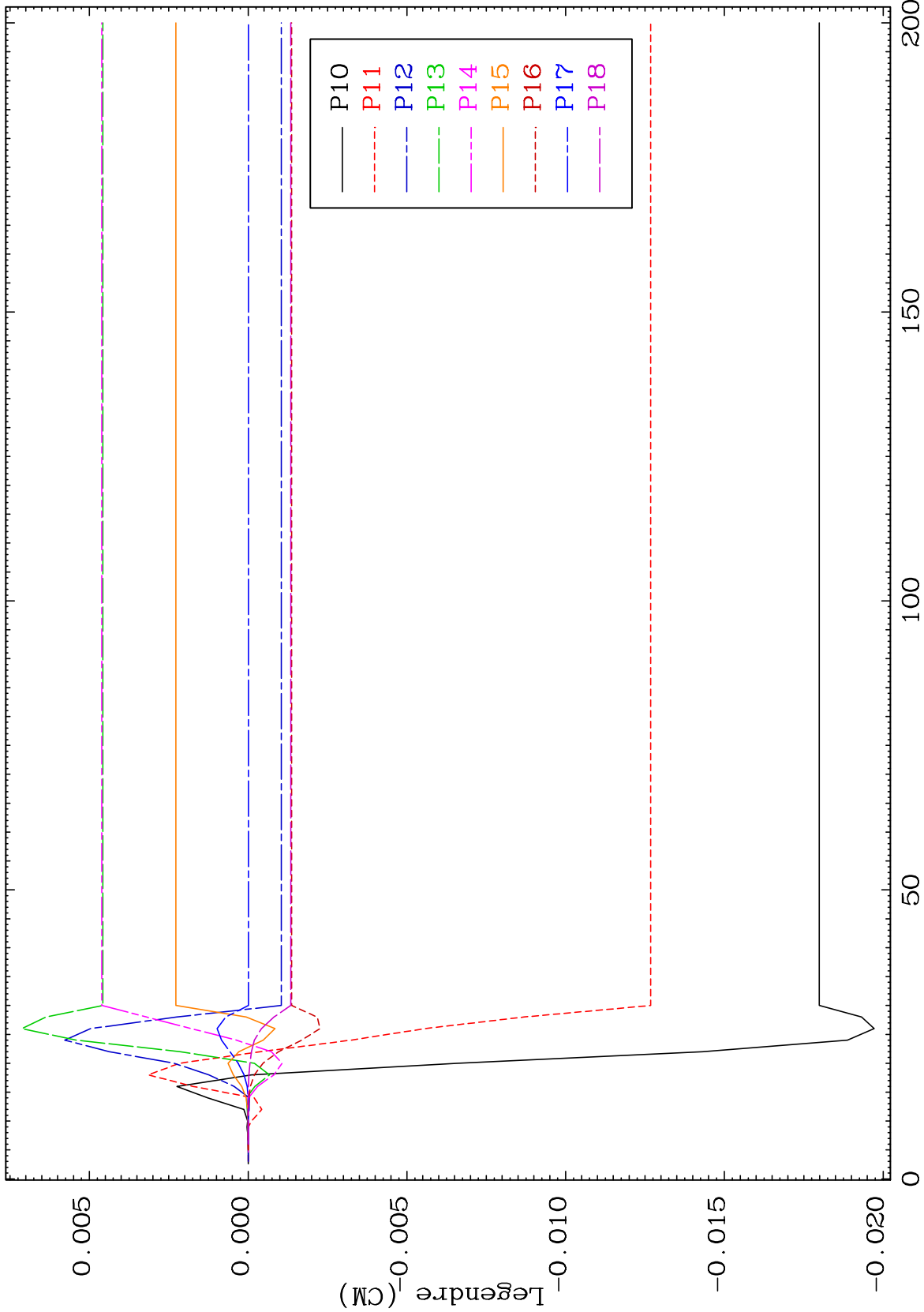
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



65

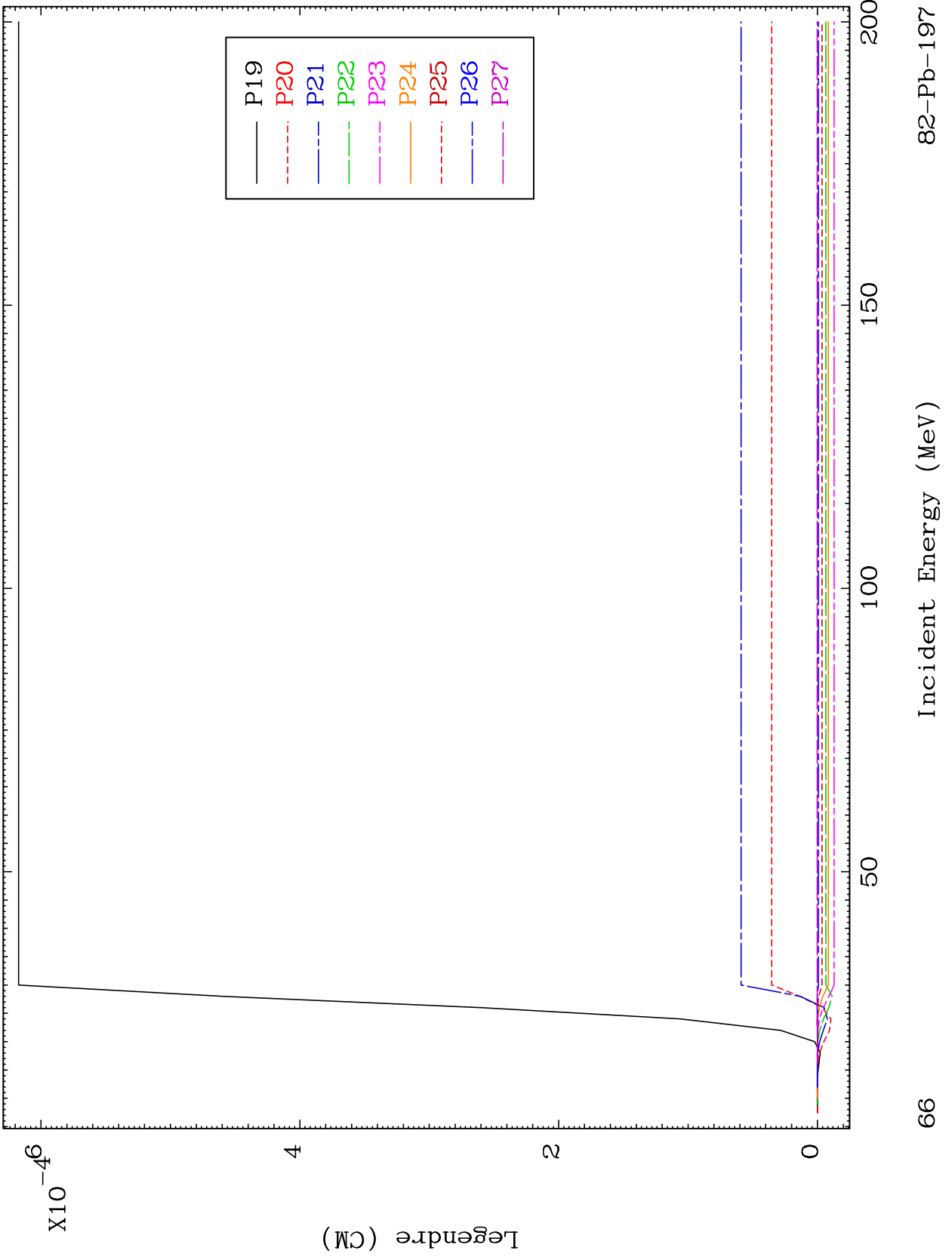
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

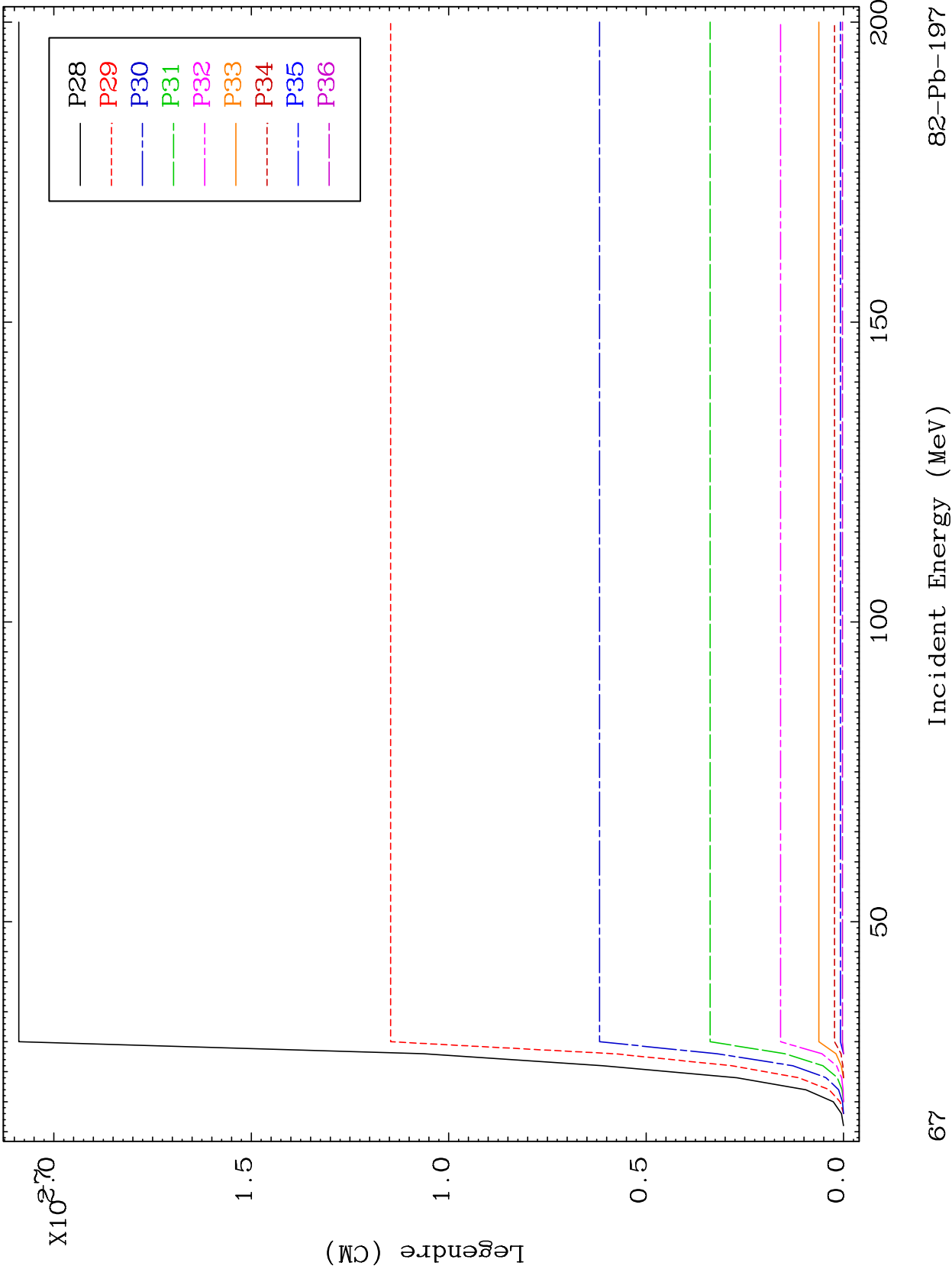
82-Pb-197



MAT 8204

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

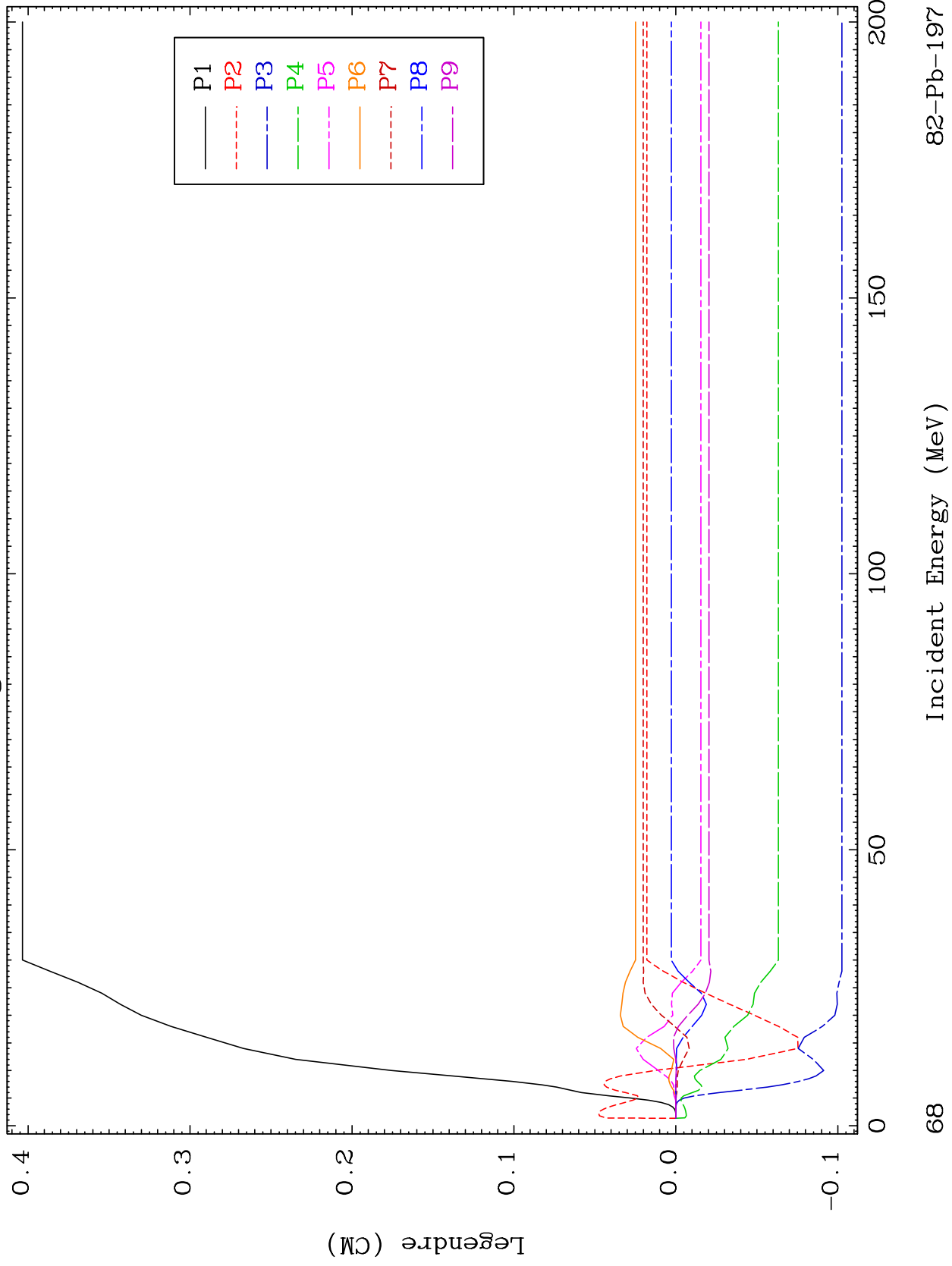
82-Pb-197



MAT 8204

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

82-Pb-197



82-Pb-197

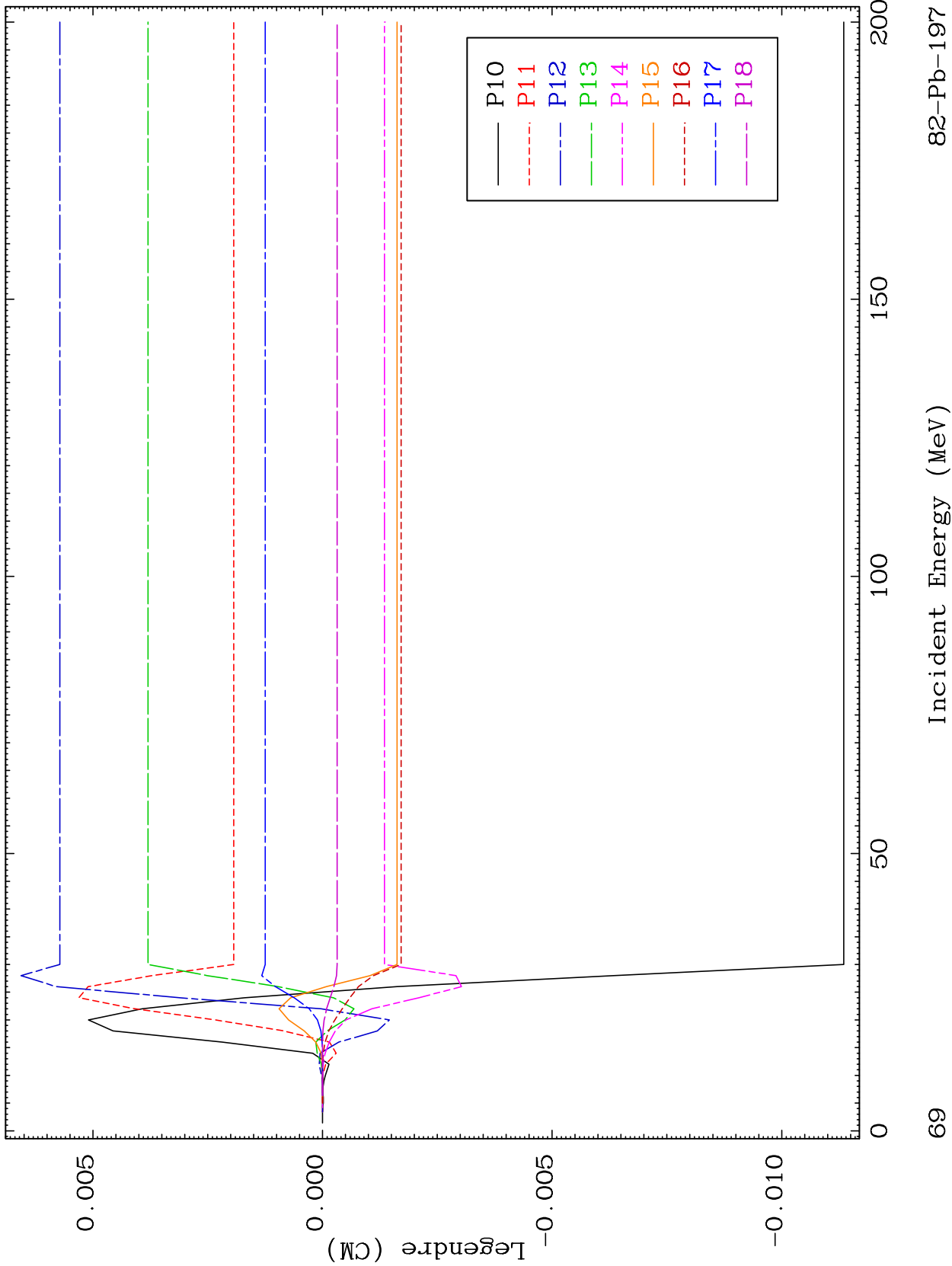
Incident Energy (MeV)

68

MAT 8204

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

82-Pb-197



69

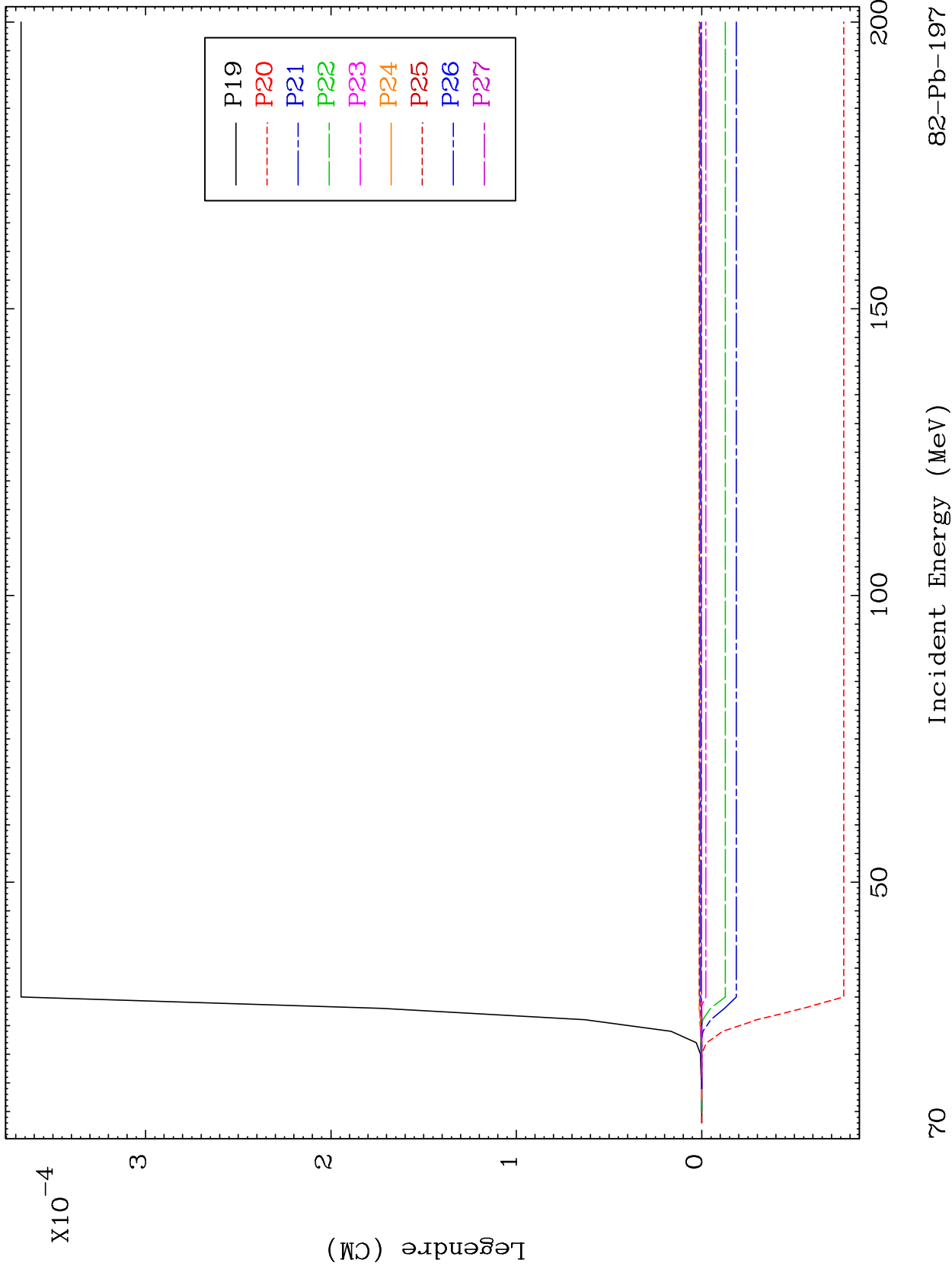
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



70

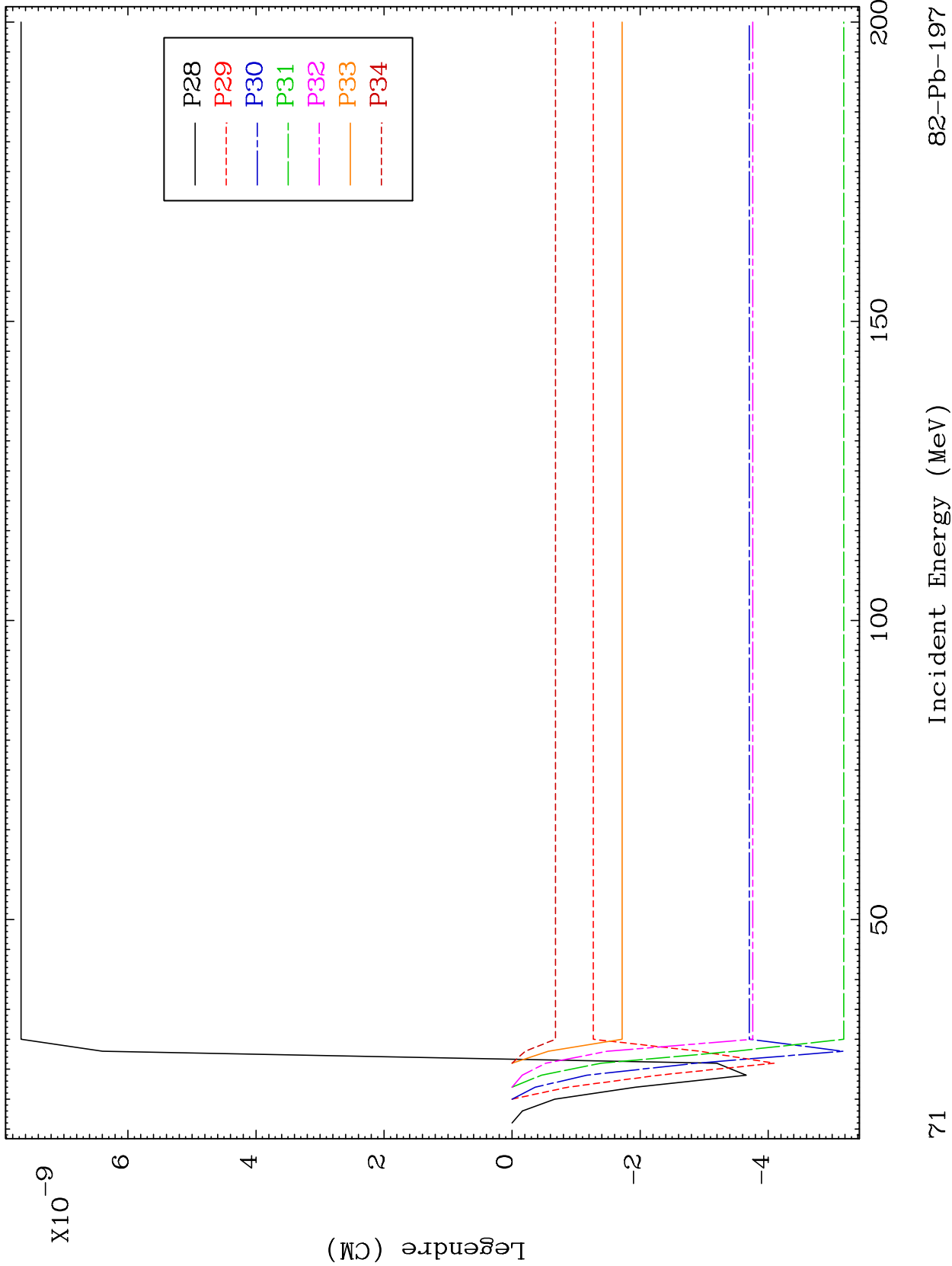
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197

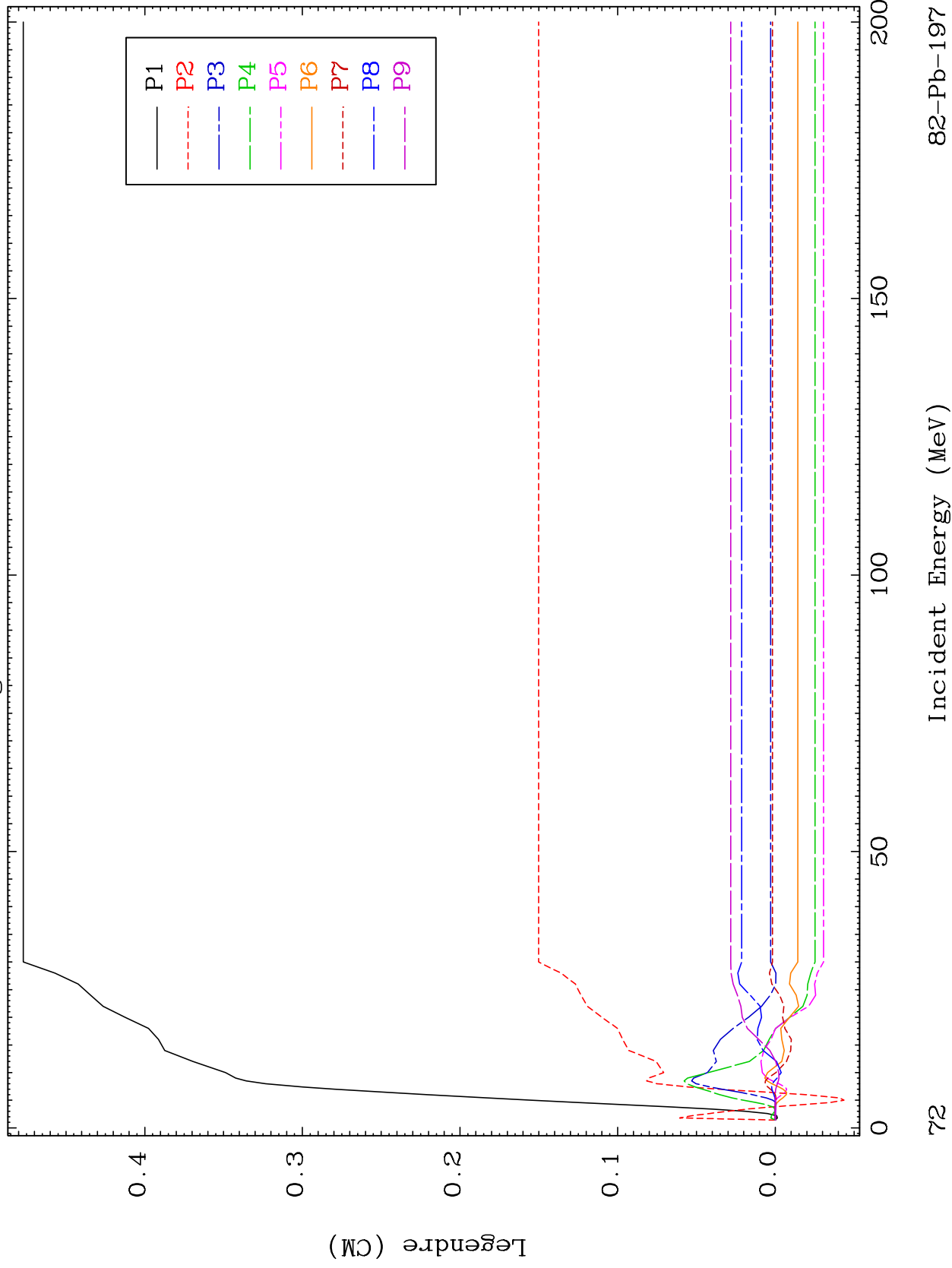




MAT 8204

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

82-Pb-197



82-Pb-197

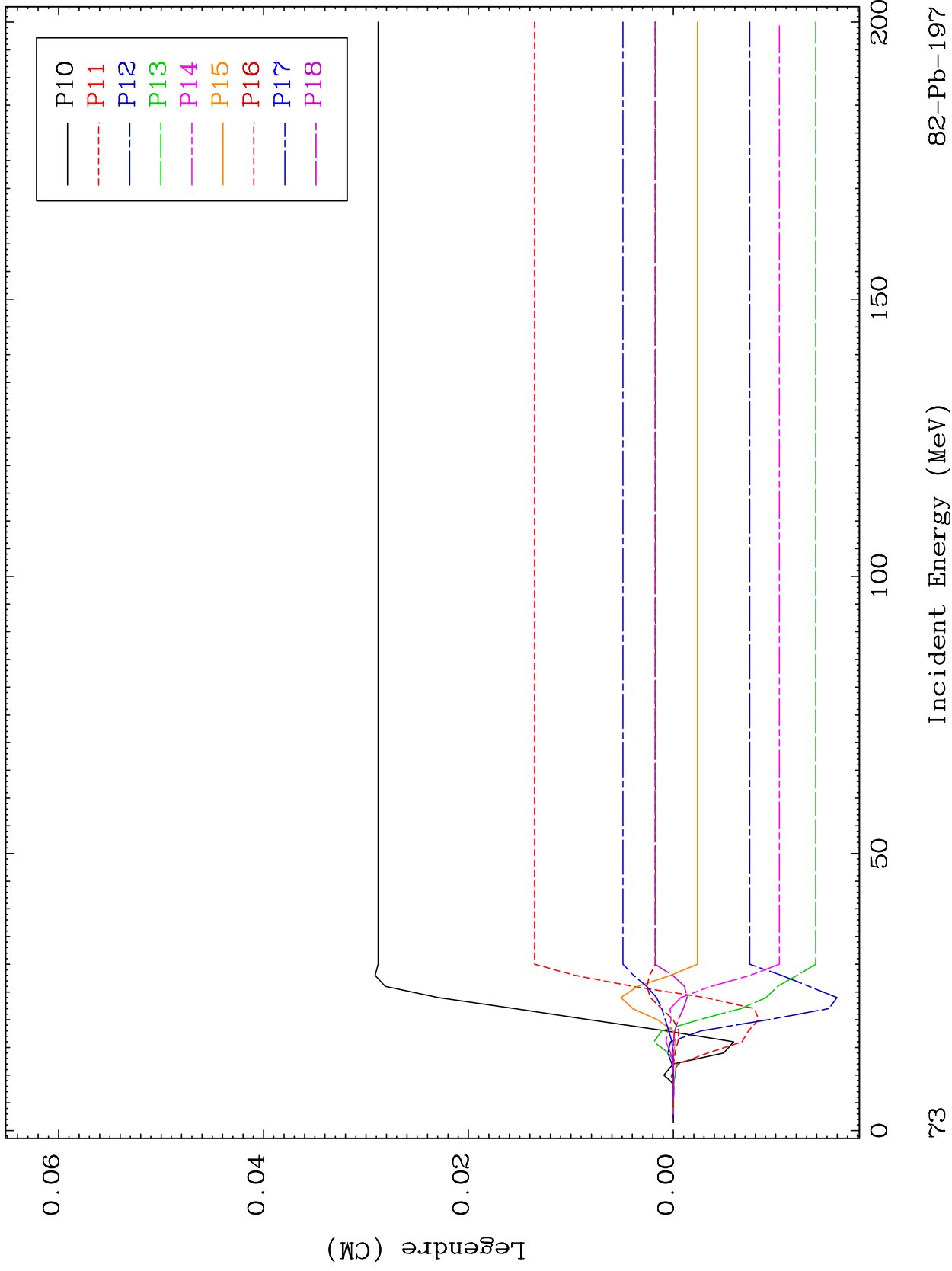
Incident Energy (MeV)

72

MAT 8204

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

82-Pb-197



82-Pb-197

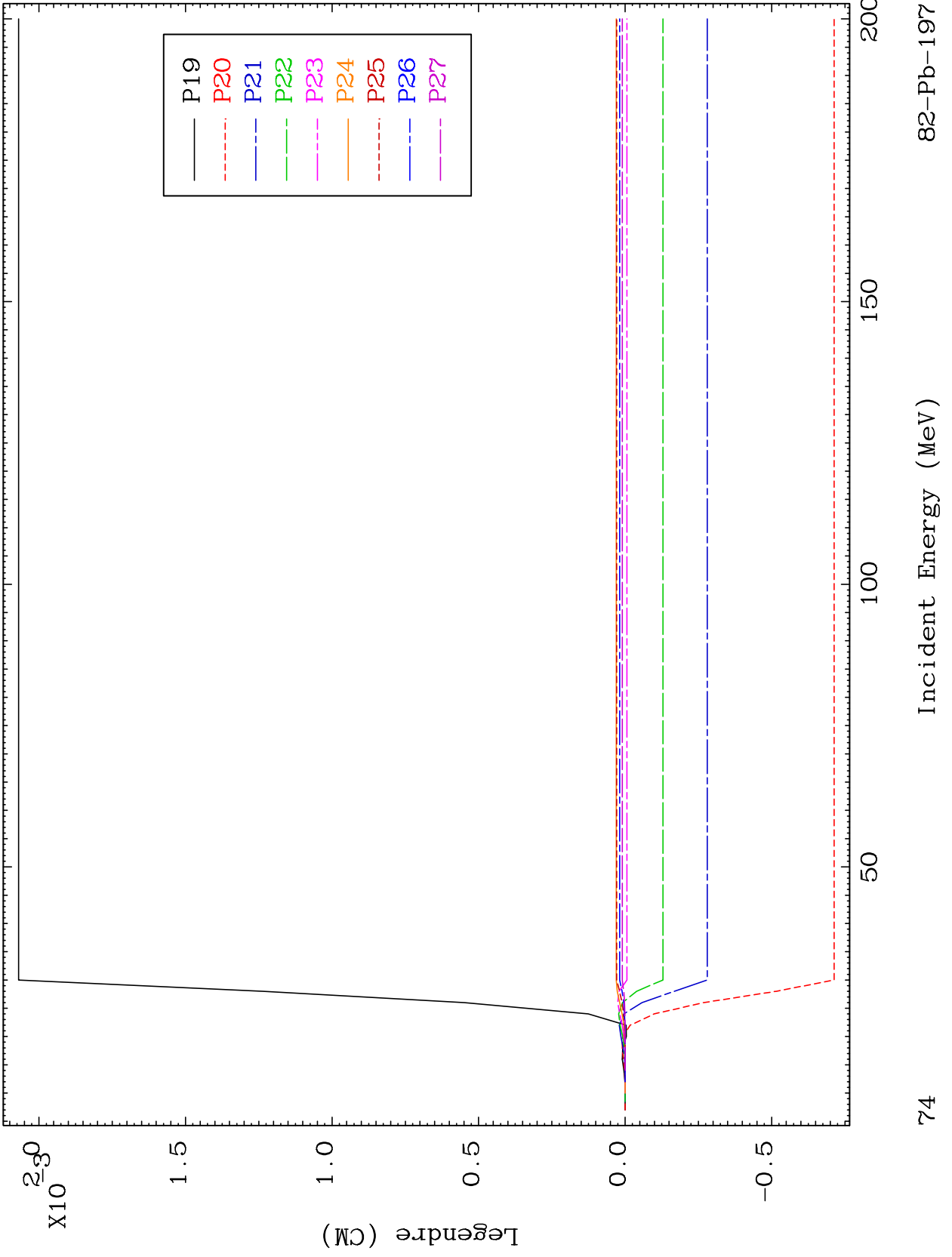
Incident Energy (MeV)

73

MAT 8204

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

82-Pb-197



74

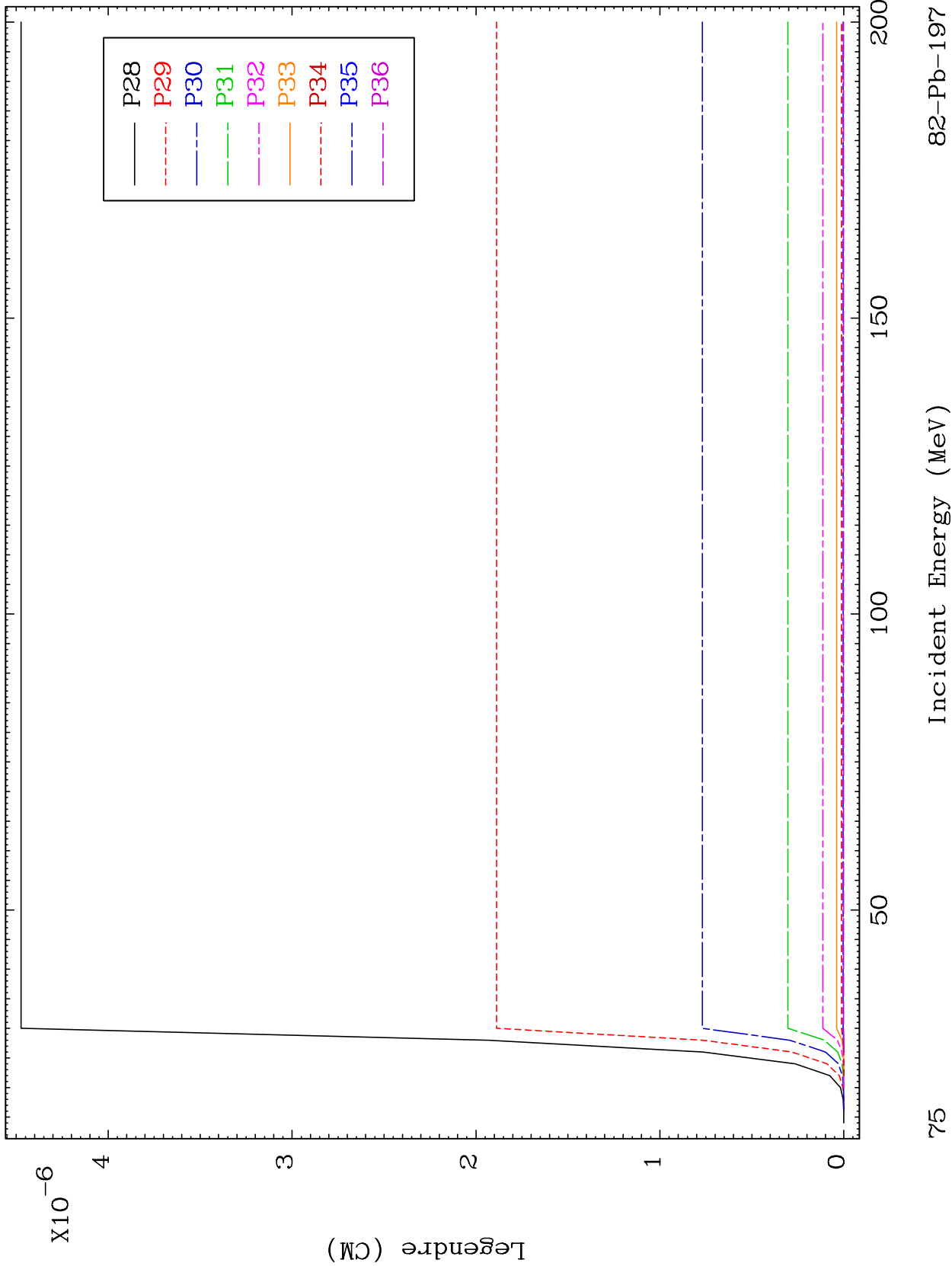
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

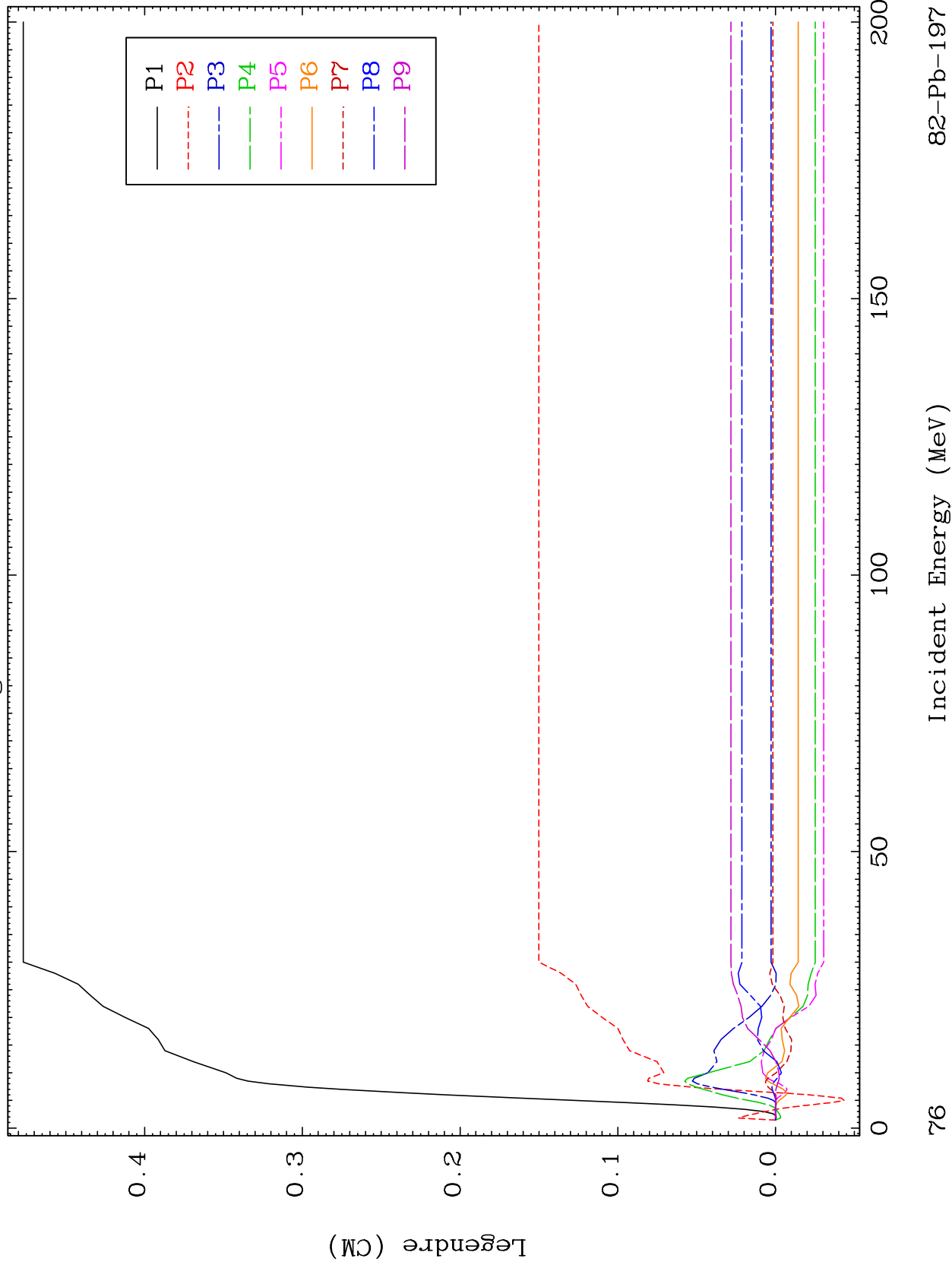
82-Pb-197



MAT 8204

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

82-Pb-197



82-Pb-197

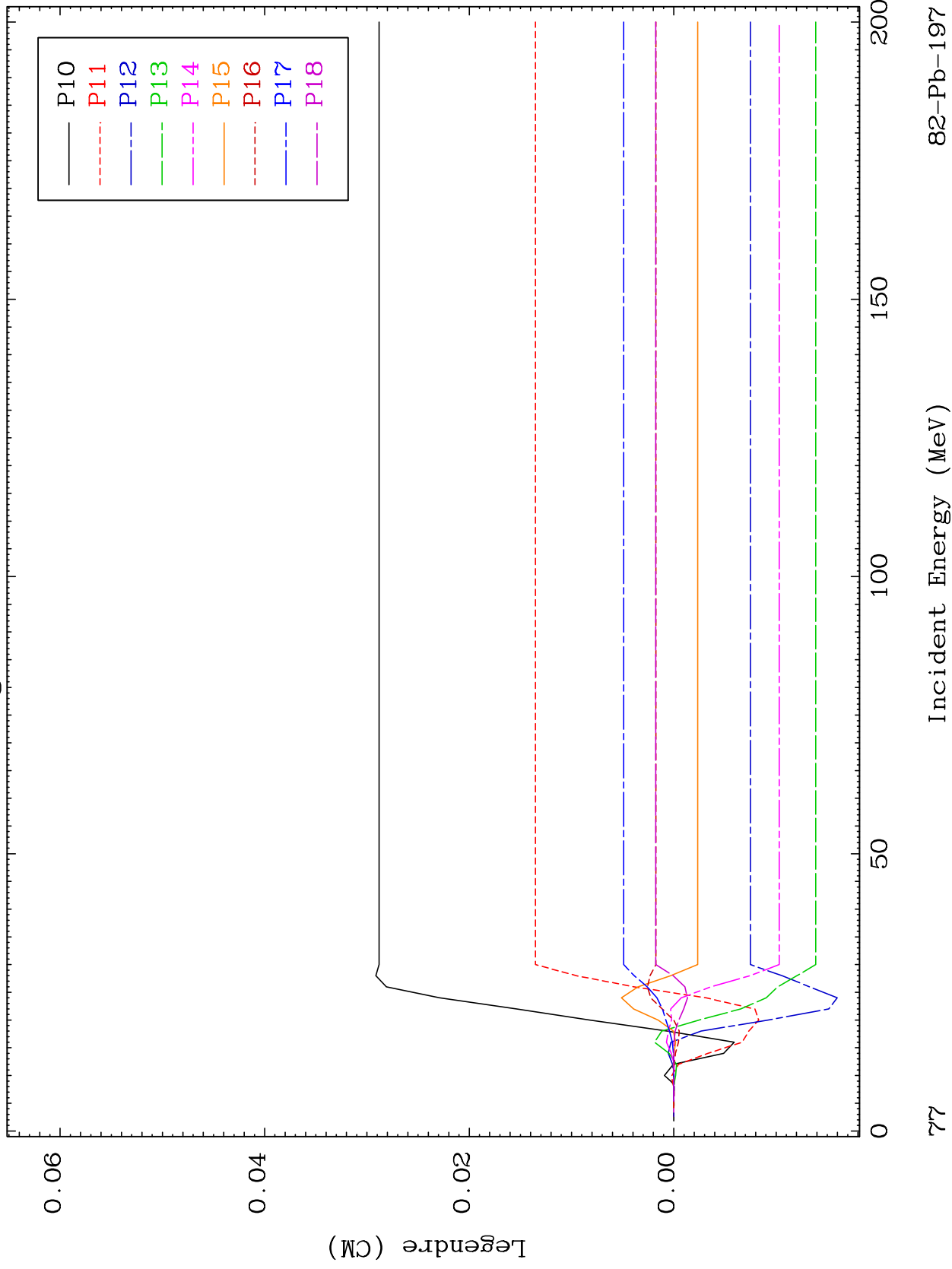
Incident Energy (MeV)

76

MAT 8204

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

82-Pb-197



77

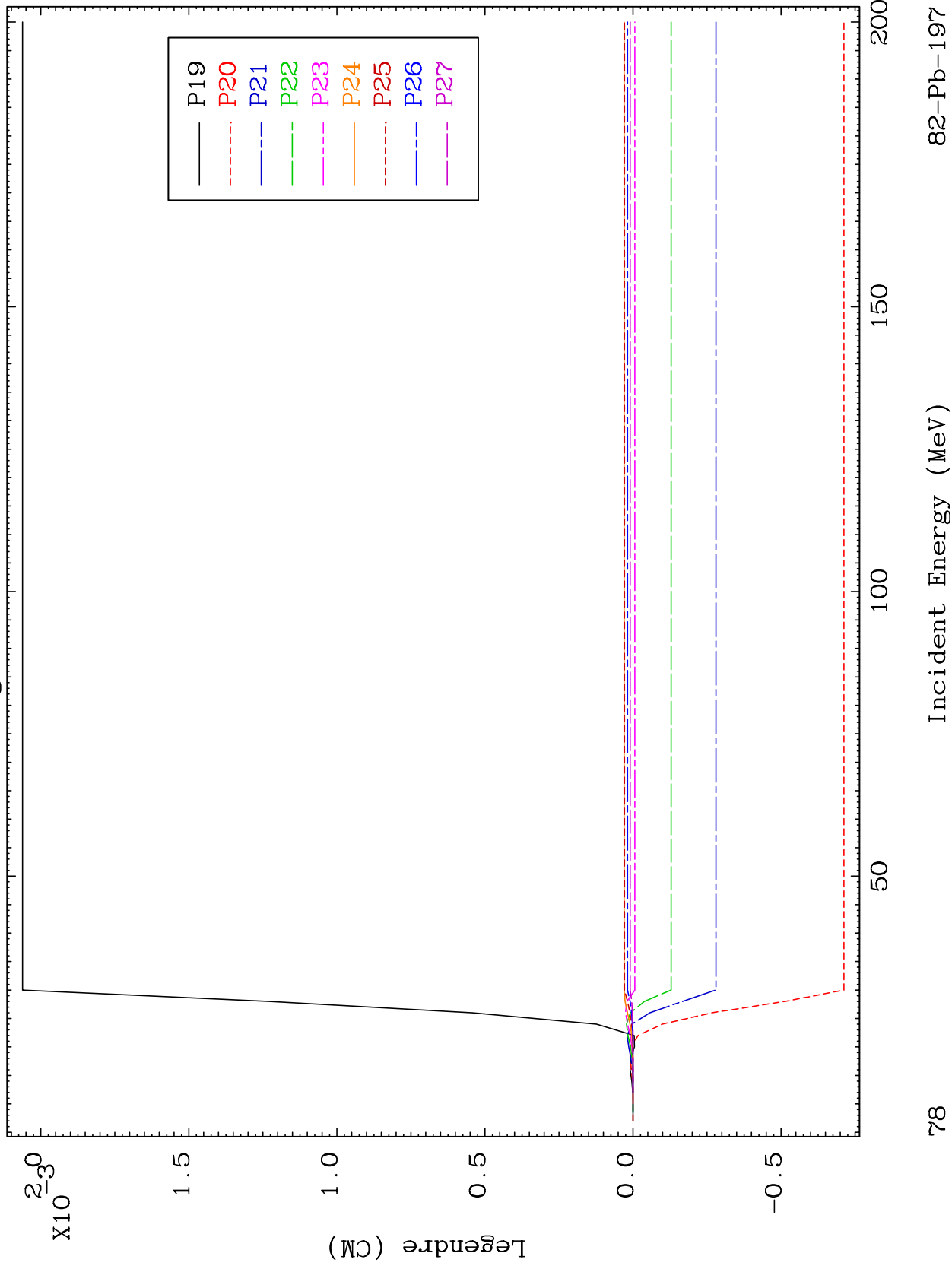
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



78

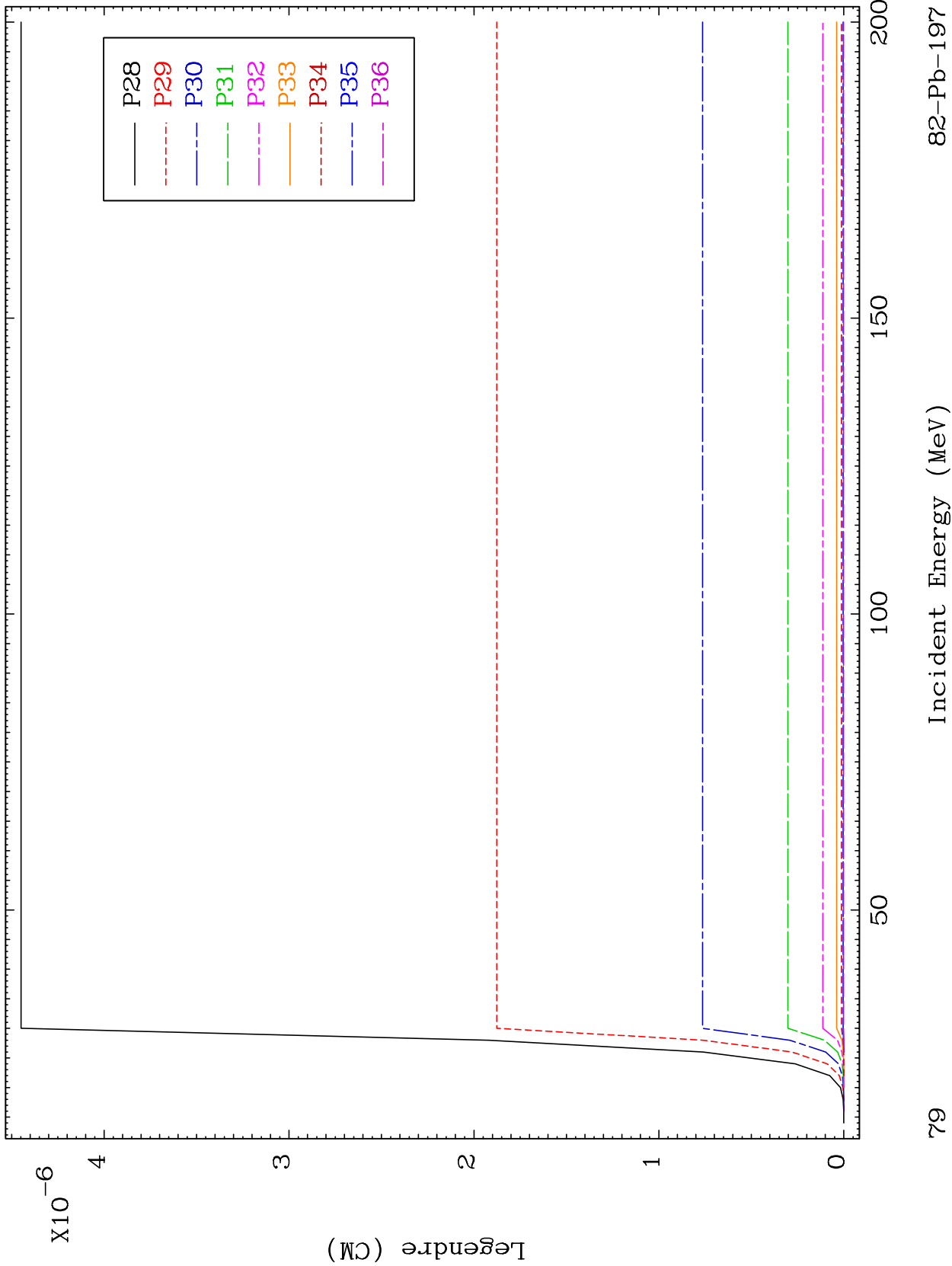
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



79

Incident Energy (MeV)

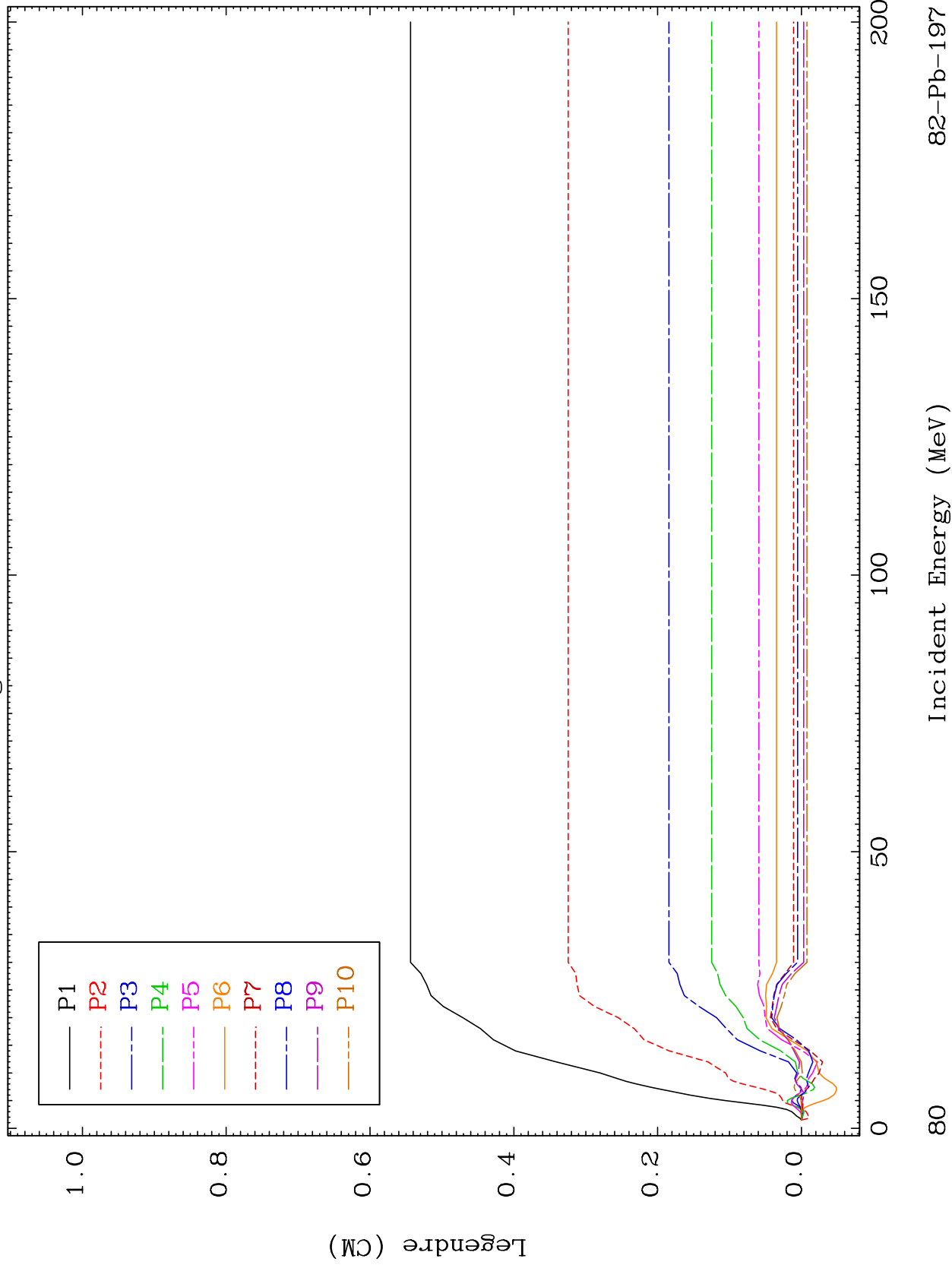
82-Pb-197



MAT 8204

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

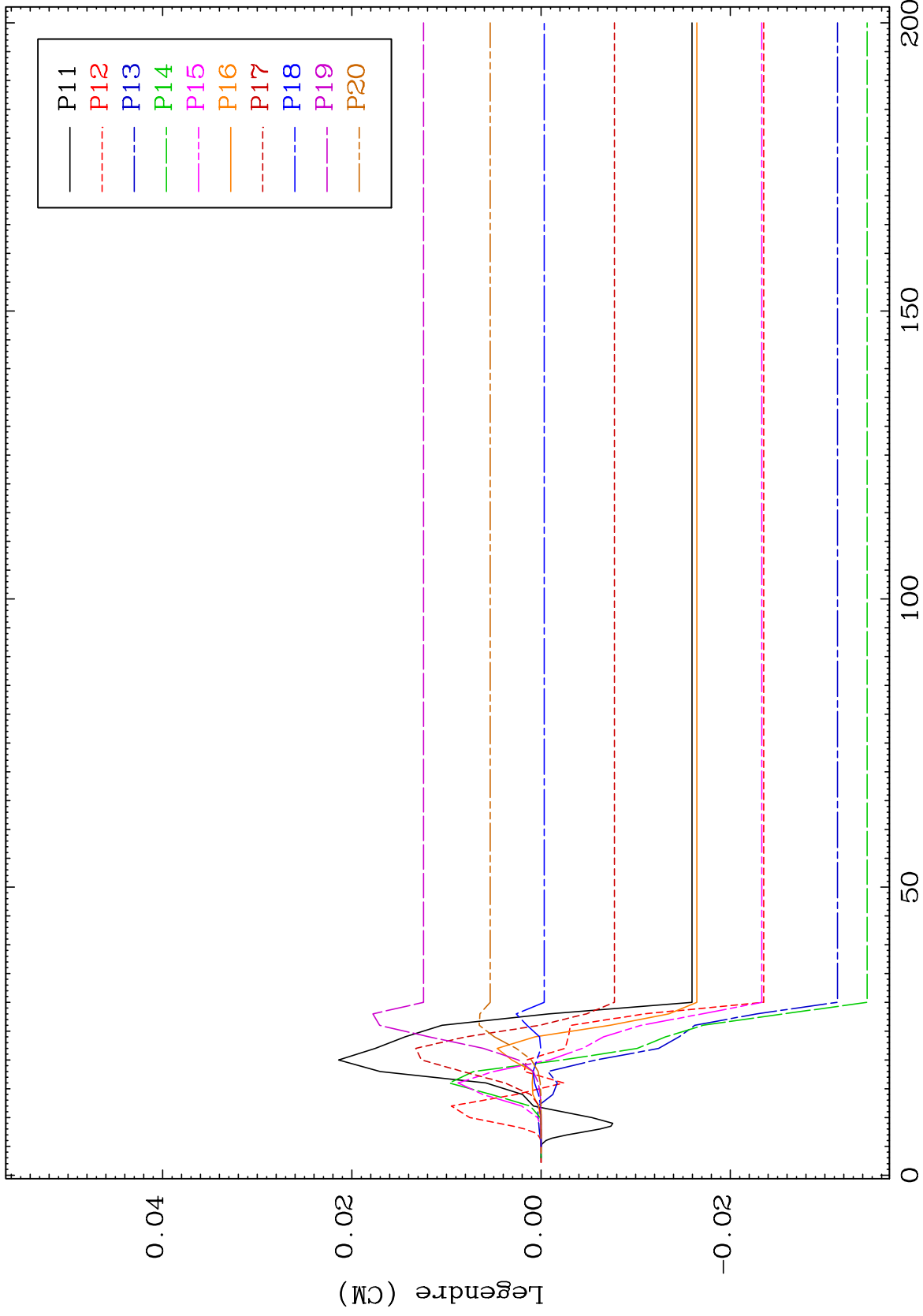
82-Pb-197



MAT 8204

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

82-Pb-197



81

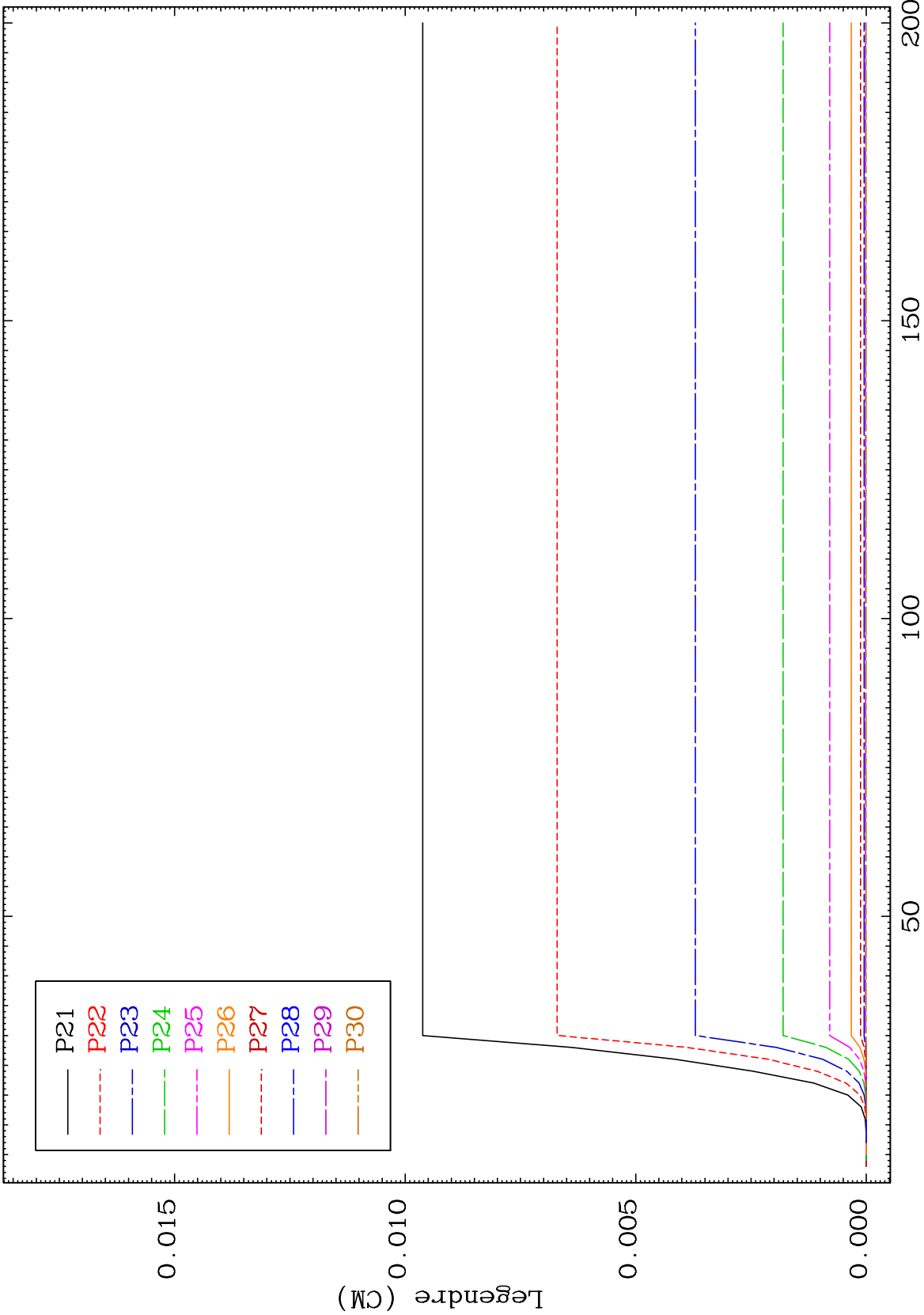
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



82

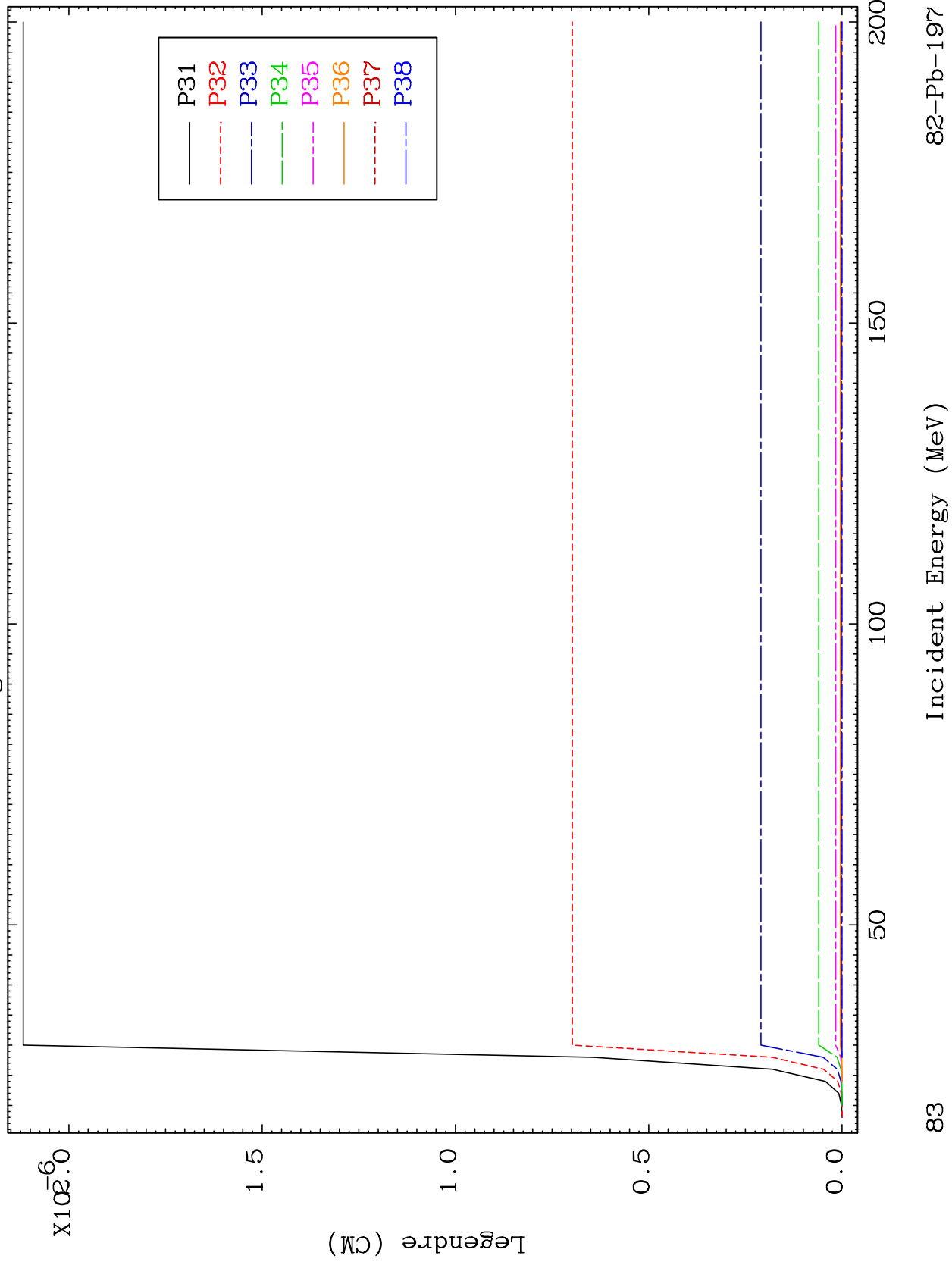
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

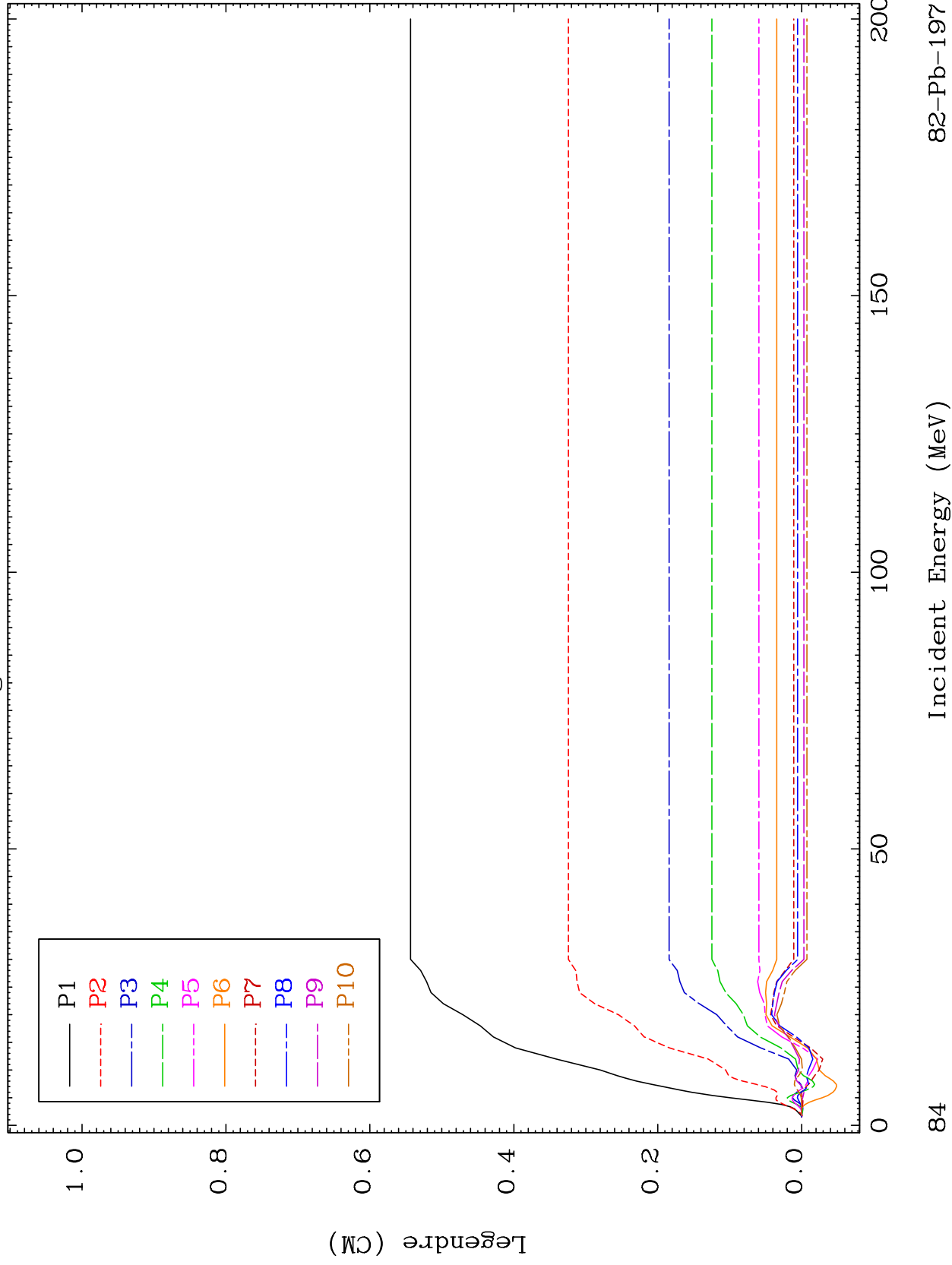
82-Pb-197



MAT 8204

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

82-Pb-197

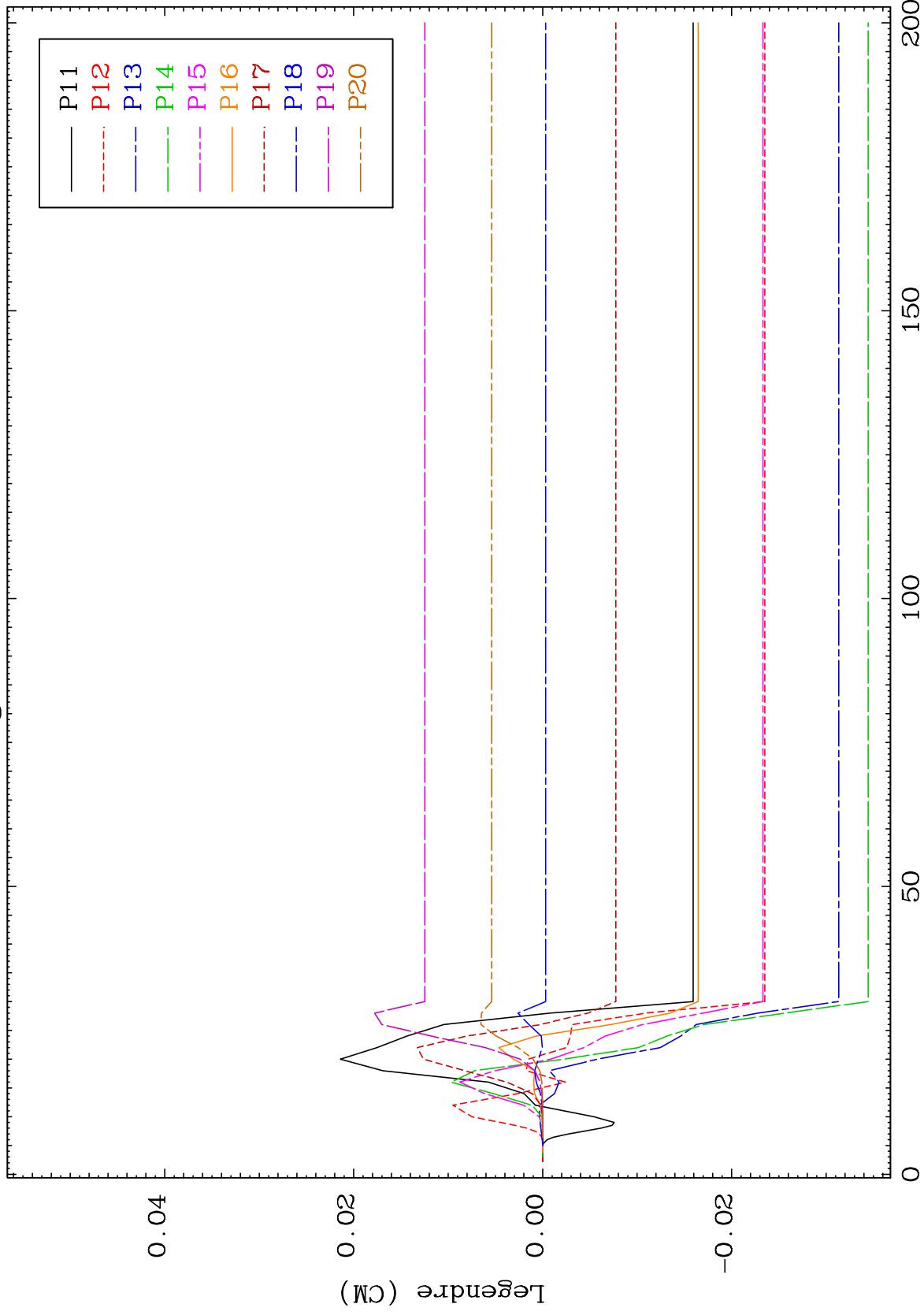


84

MAT 8204

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

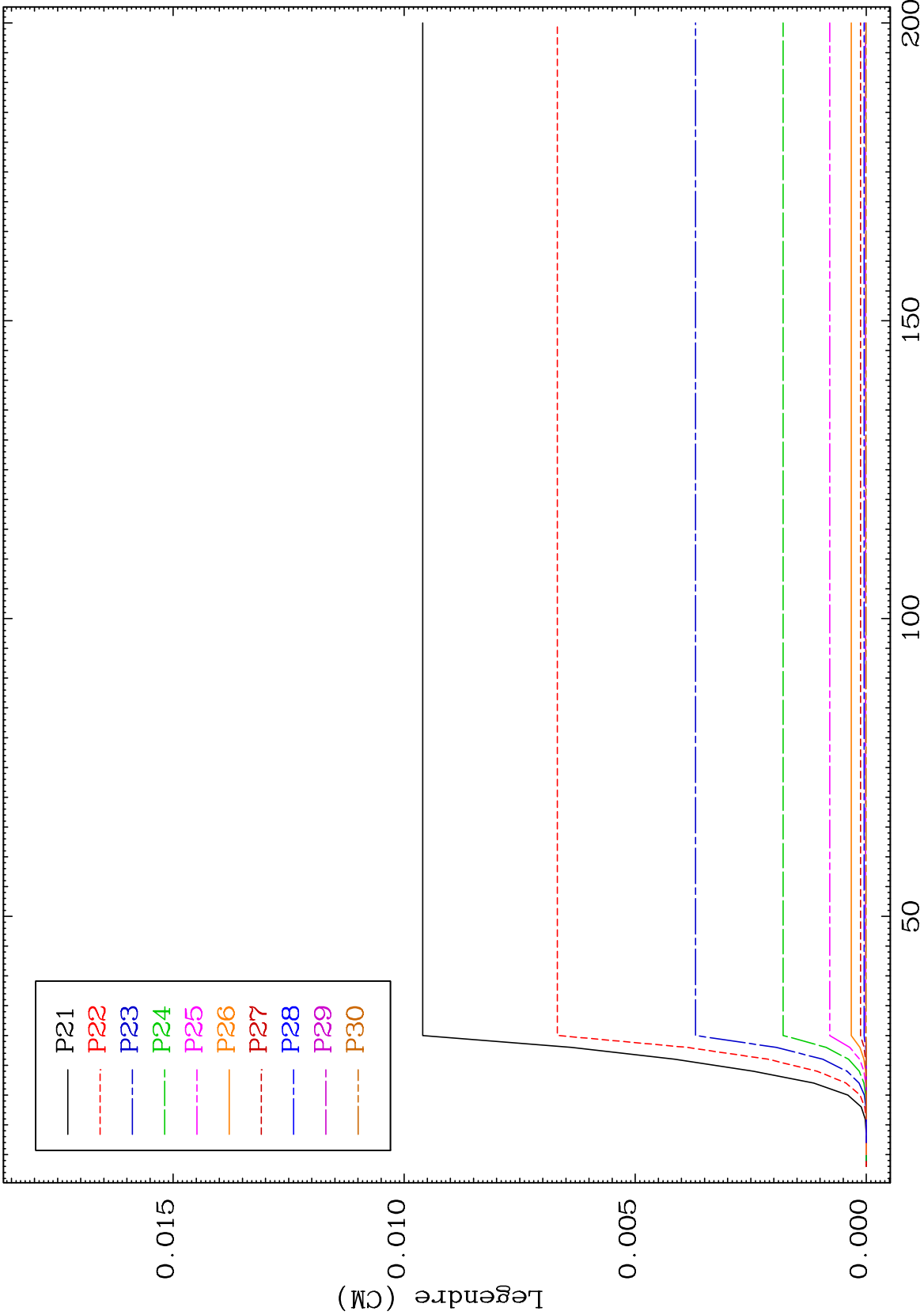
82-Pb-197



85

Incident Energy (MeV)

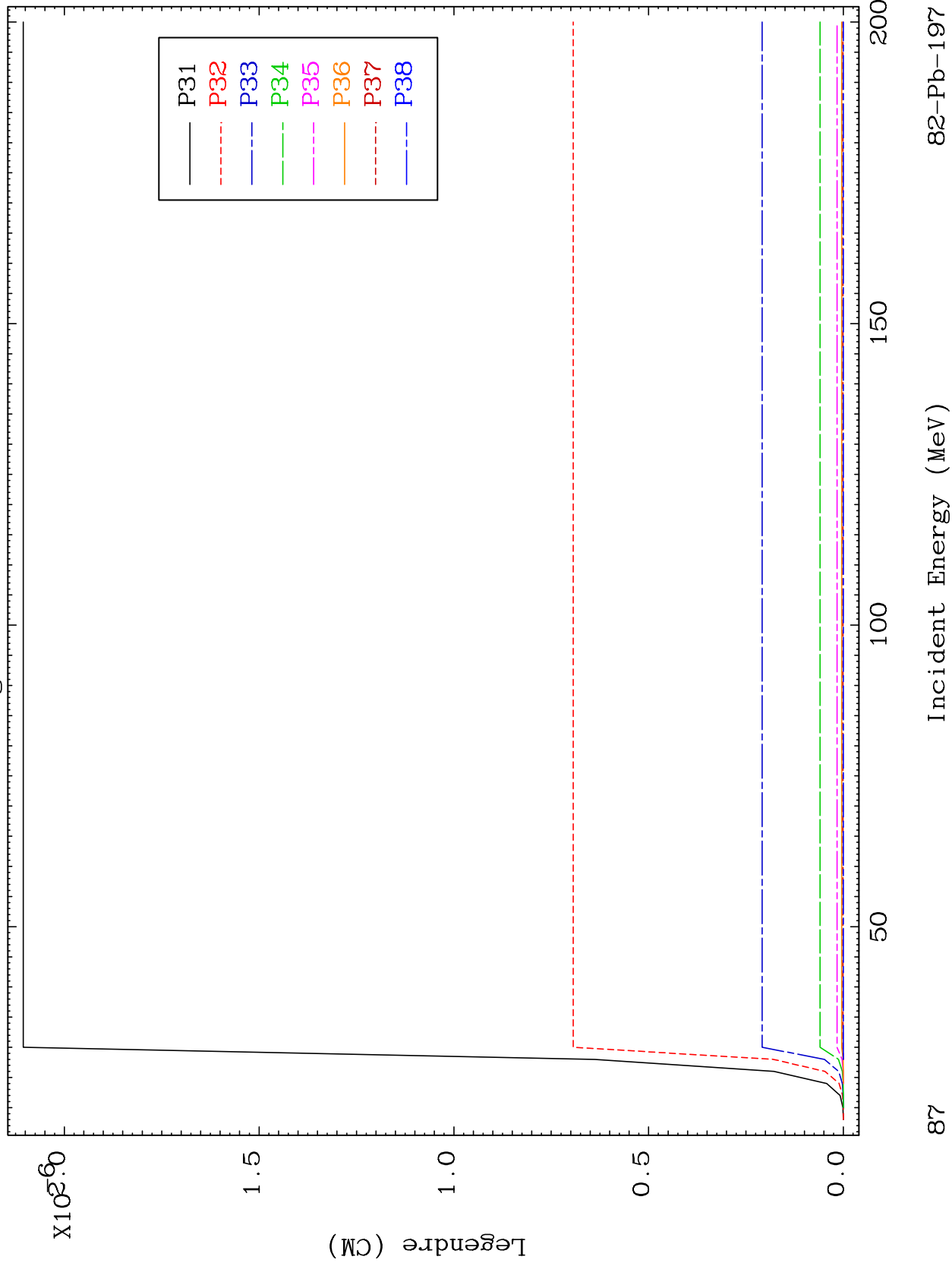
82-Pb-197



MAT 8204

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

82-Pb-197

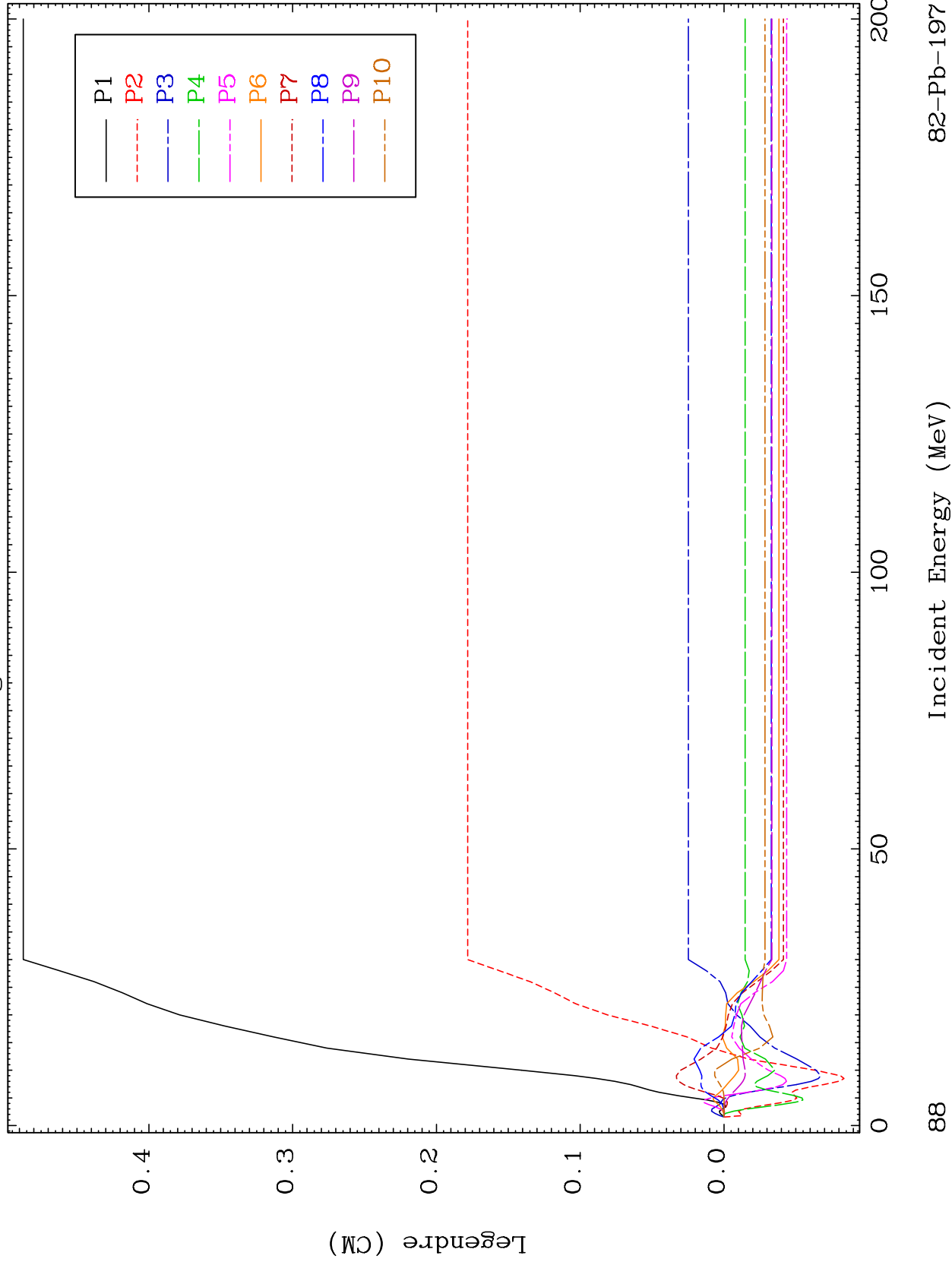




MAT 8204

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

82-Pb-197

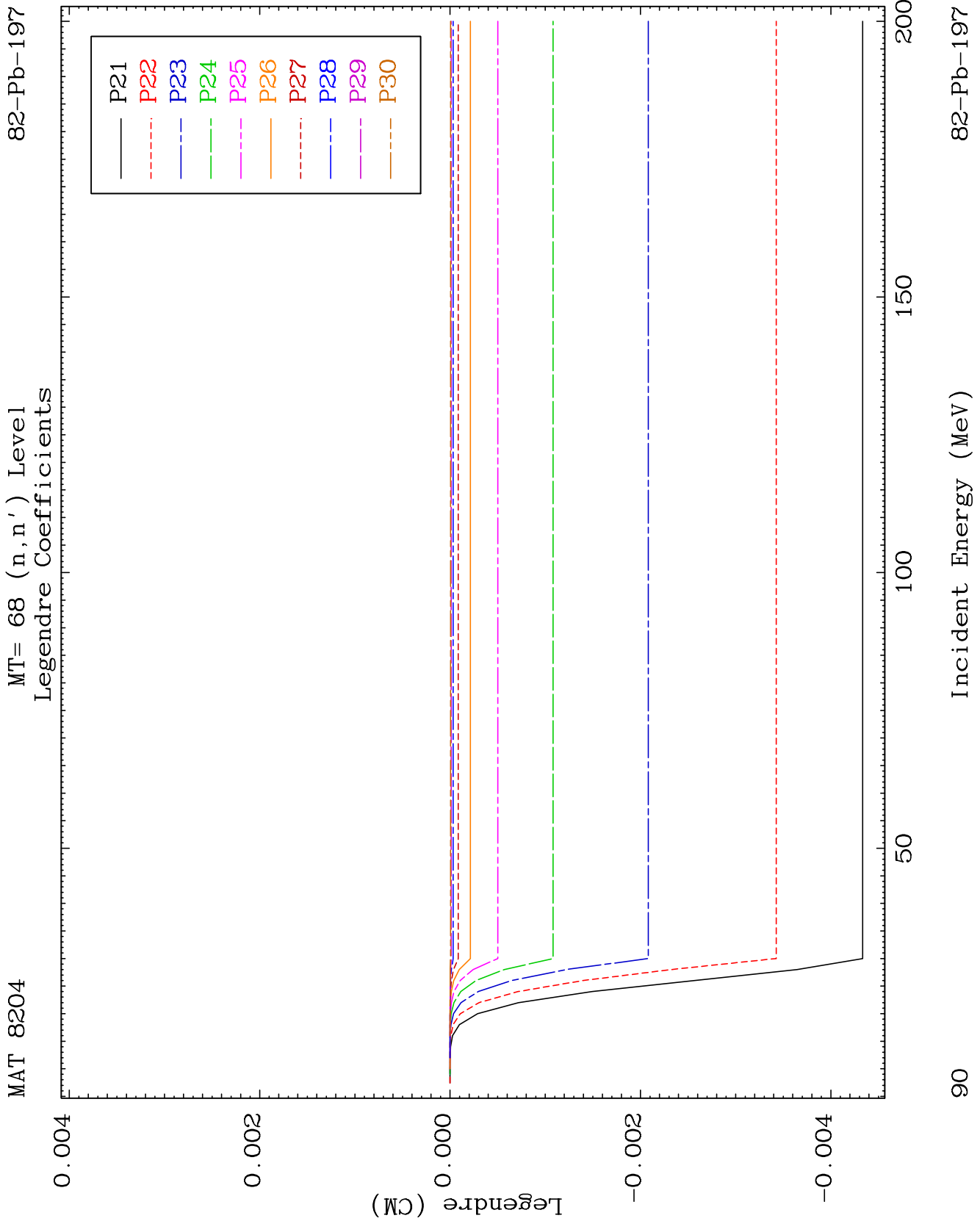


82-Pb-197

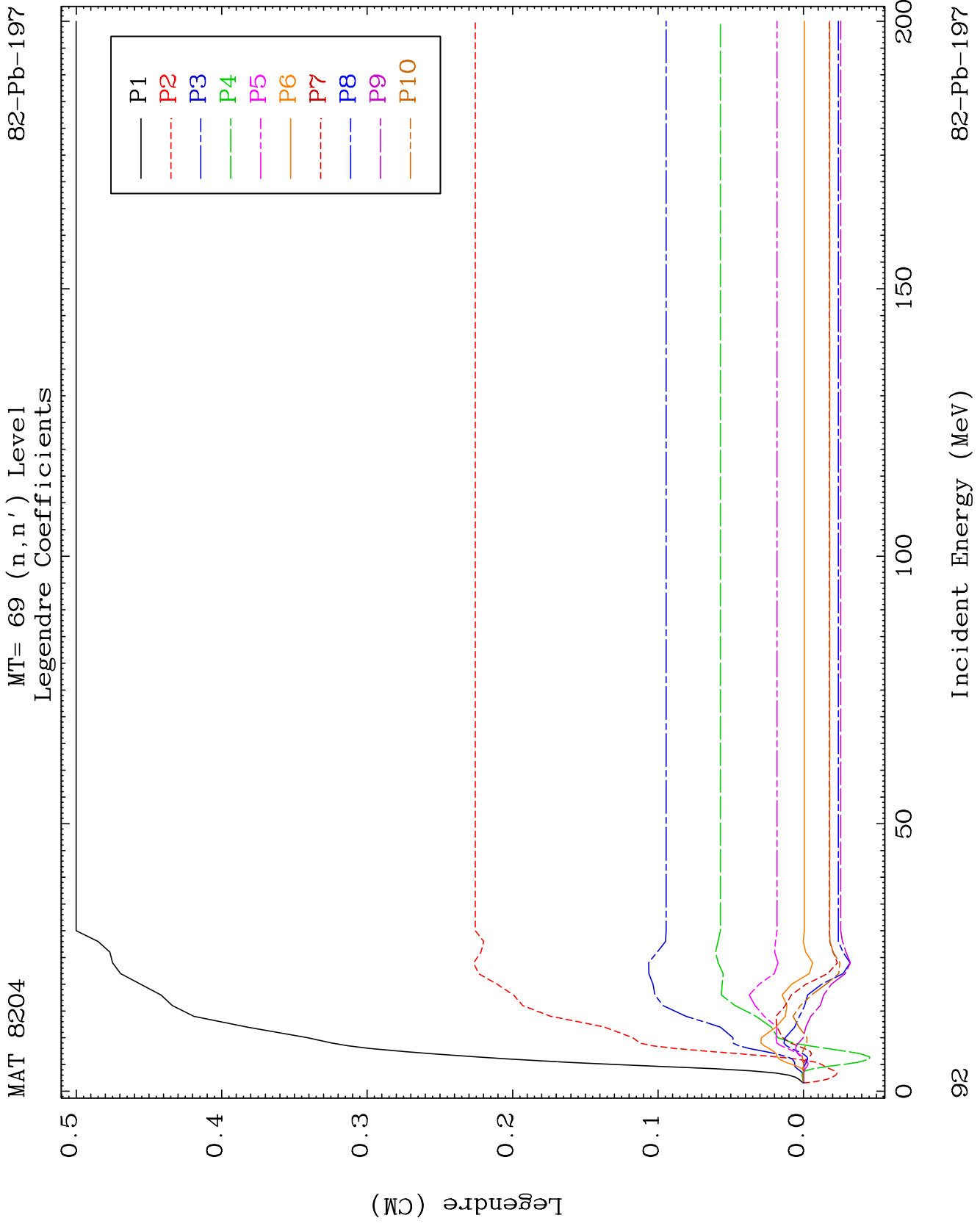
Incident Energy (MeV)

88





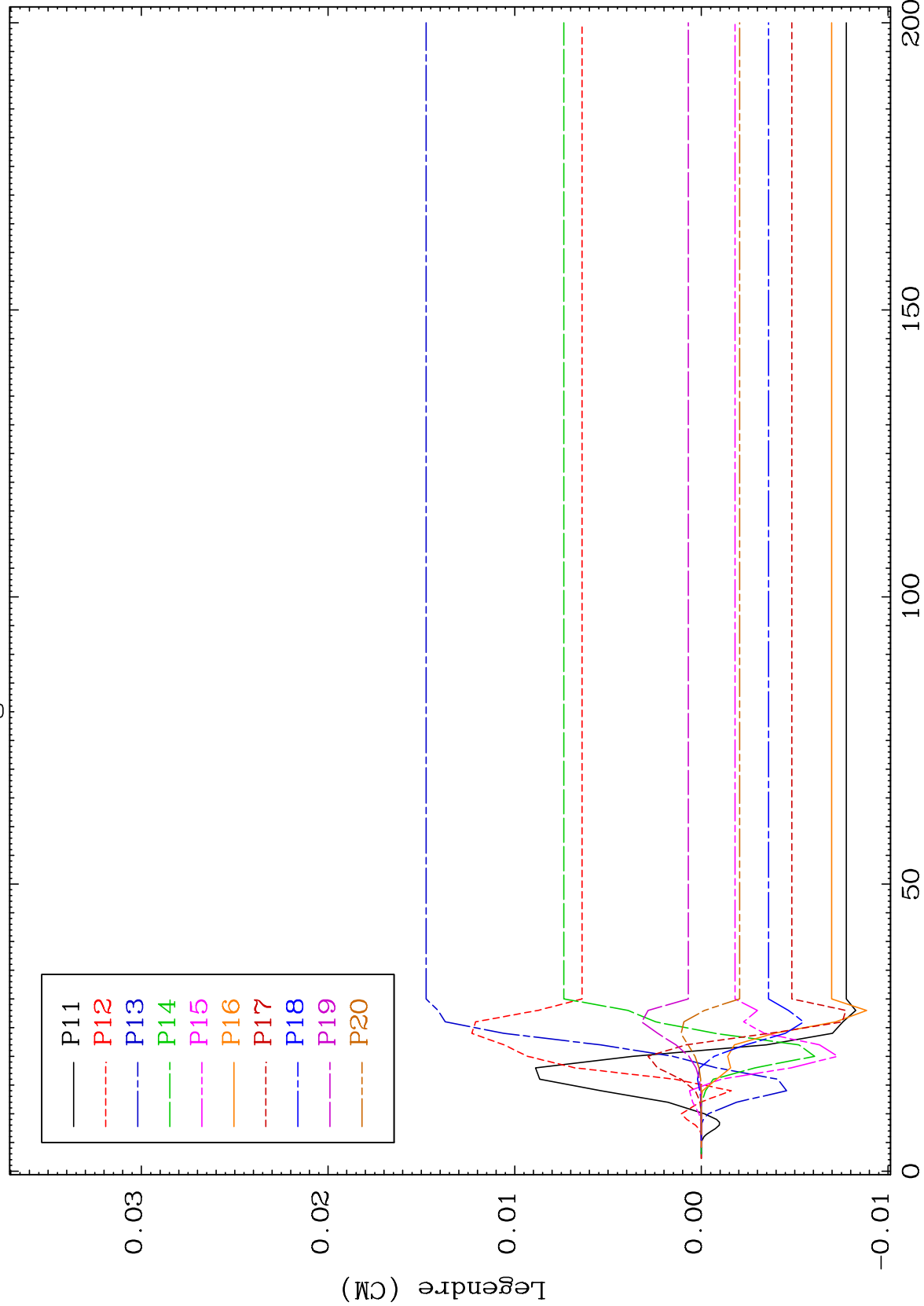




MAT 8204

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

82-Pb-197



93

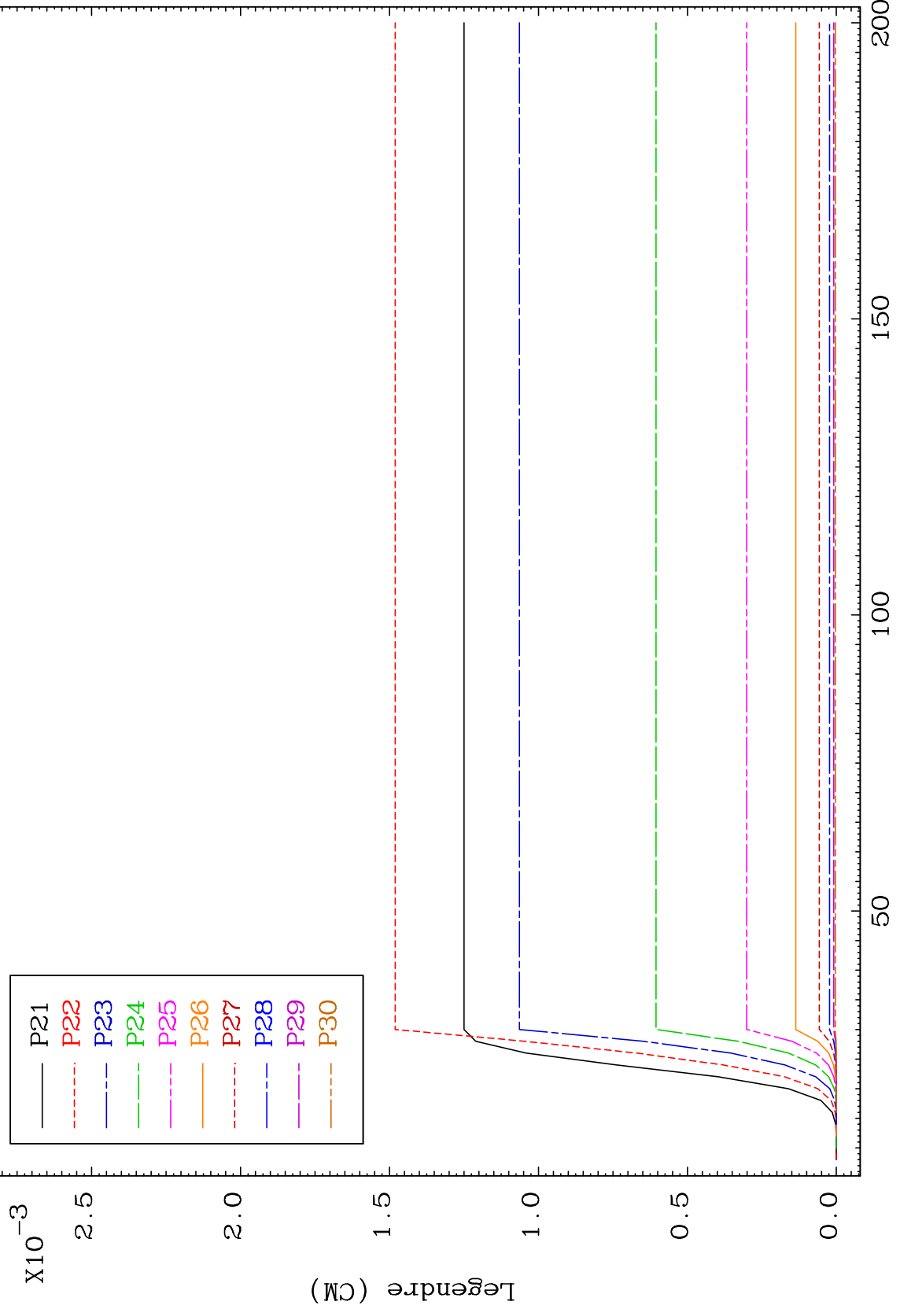
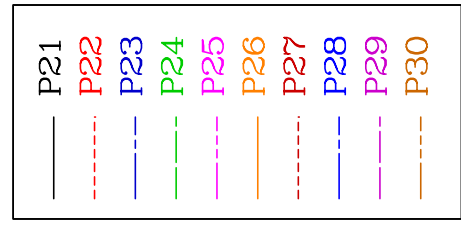
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

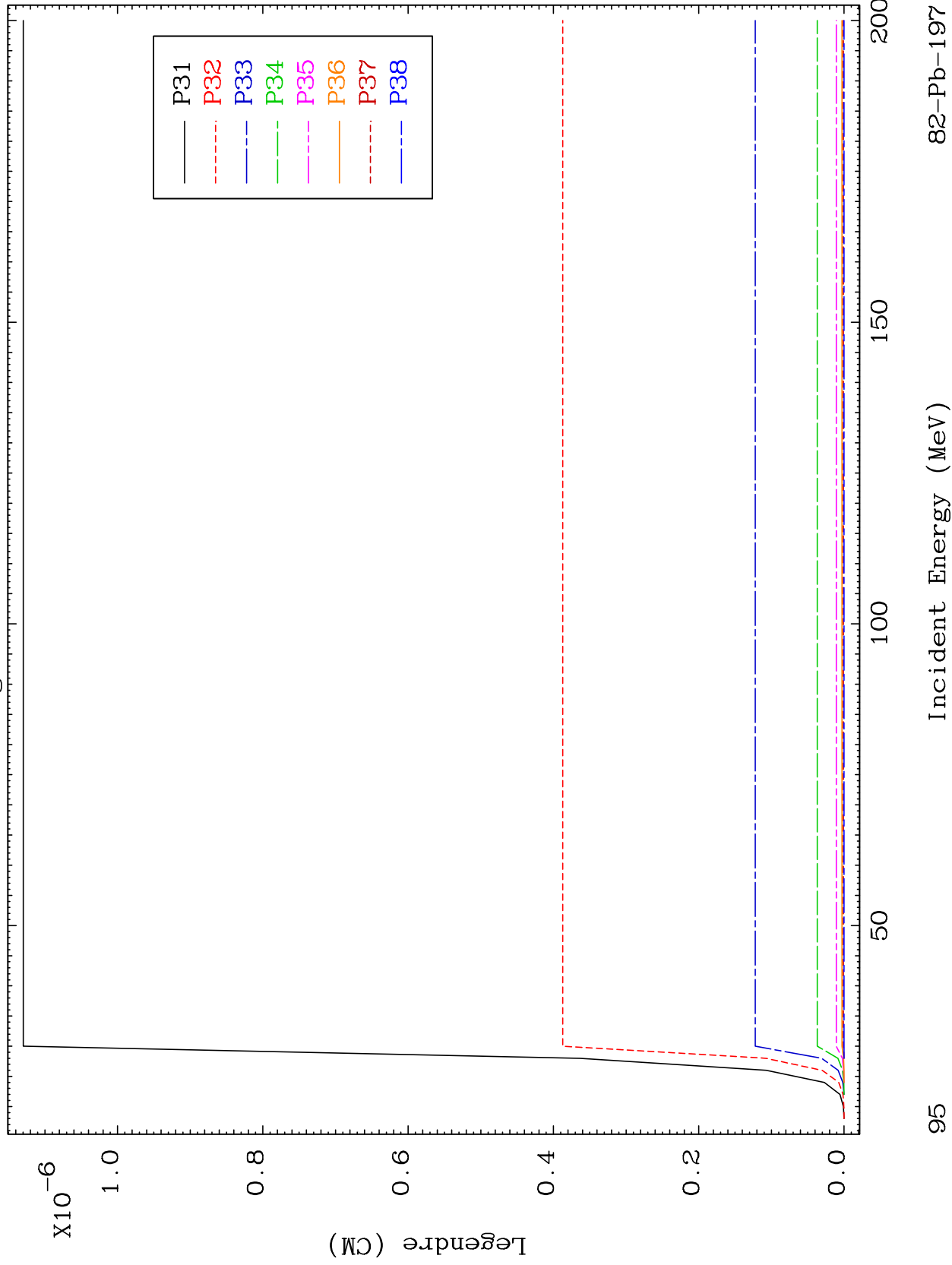
82-Pb-197



MAT 8204

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

82-Pb-197



95

Incident Energy (MeV)

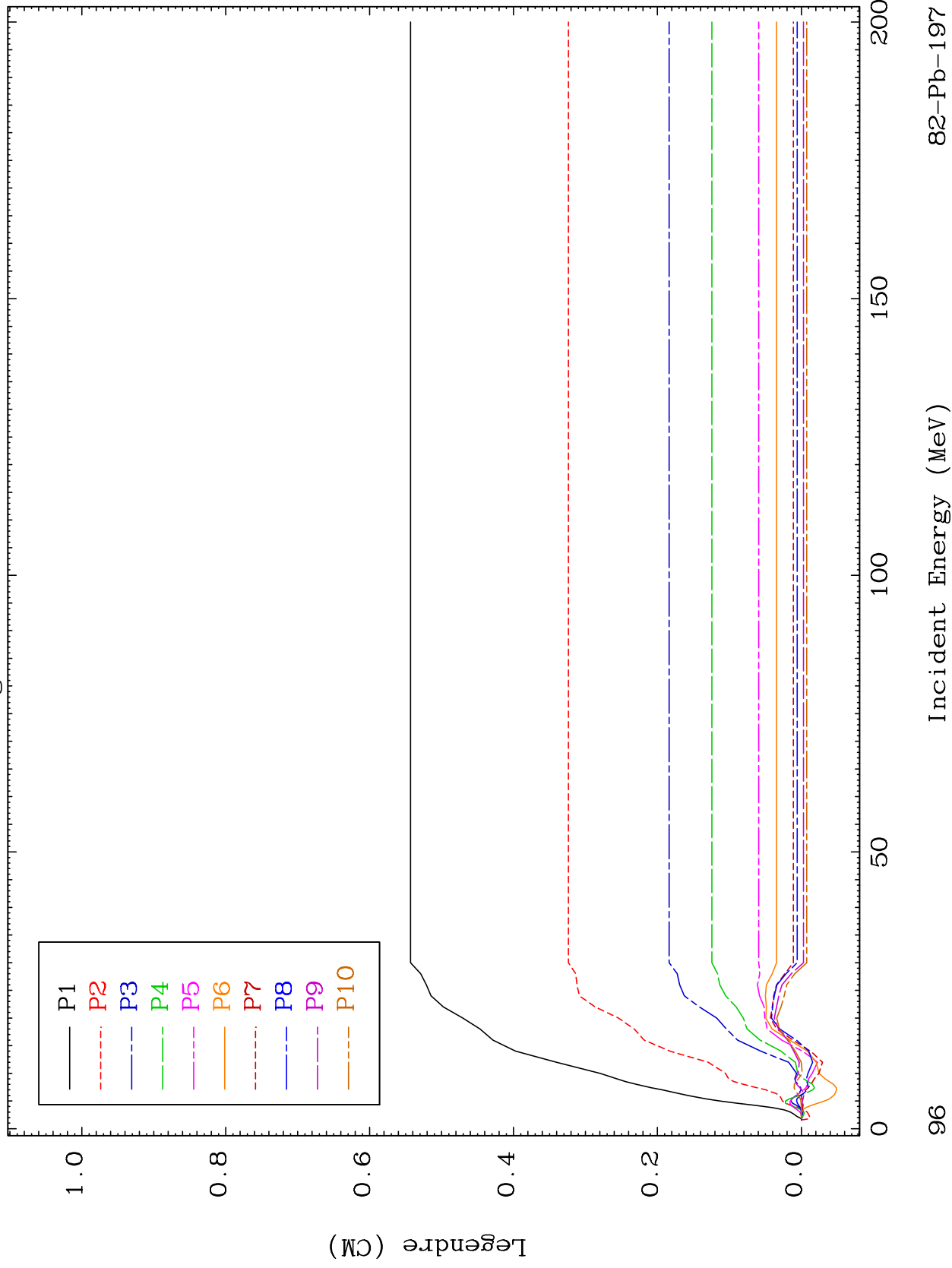
82-Pb-197



MAT 8204

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

82-Pb-197



82-Pb-197

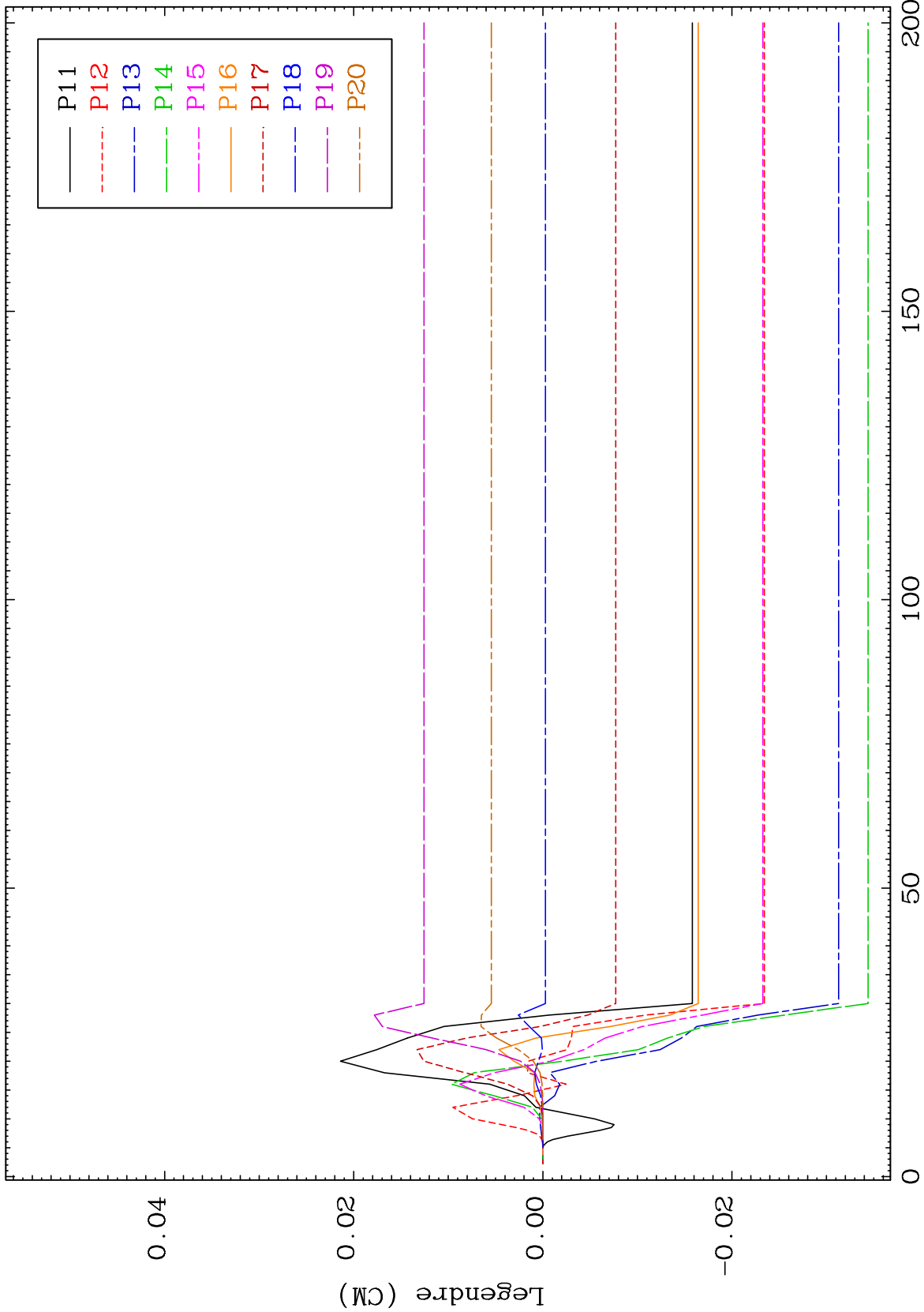
Incident Energy (MeV)

96

MAT 8204

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

82-Pb-197



97

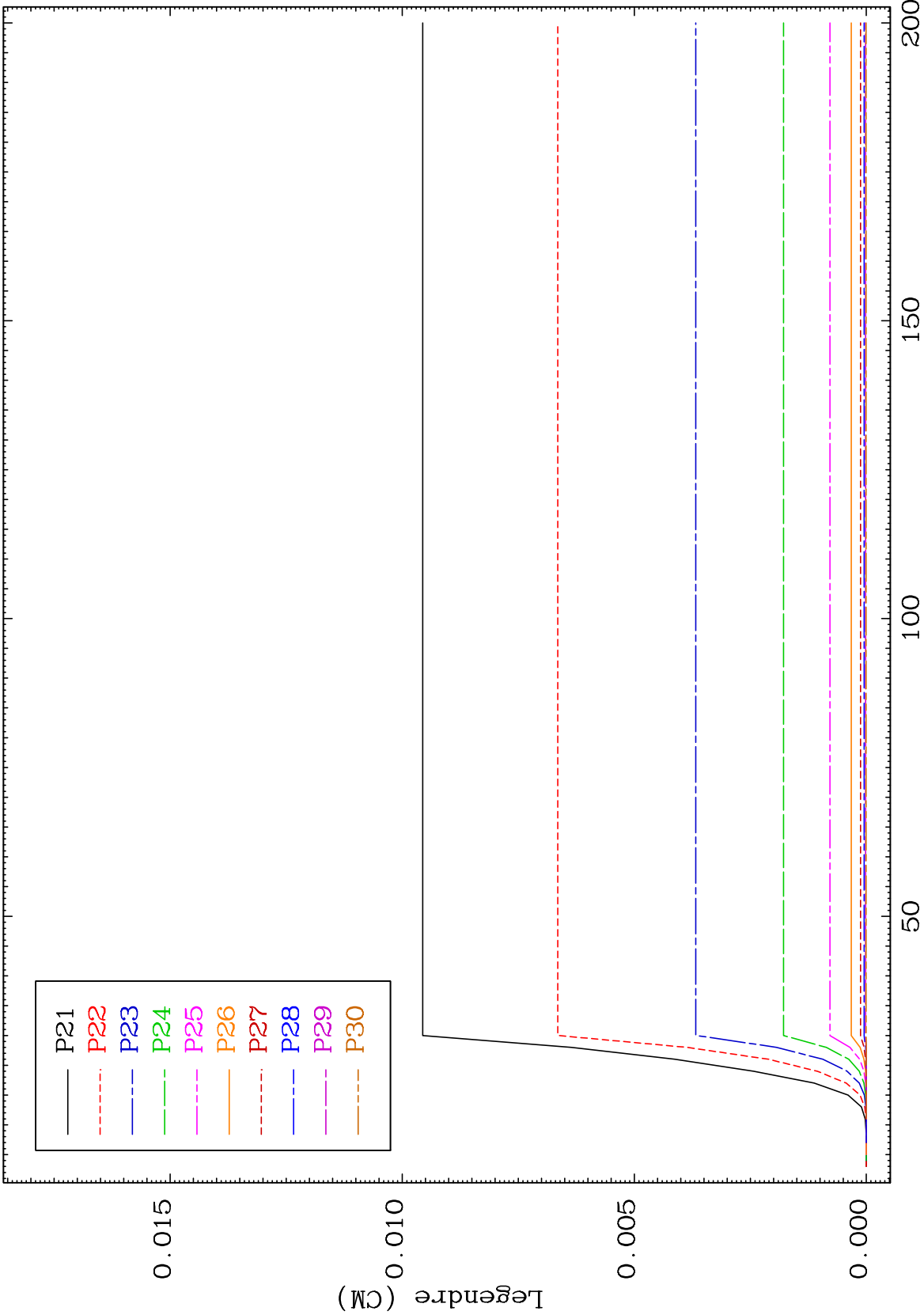
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



98

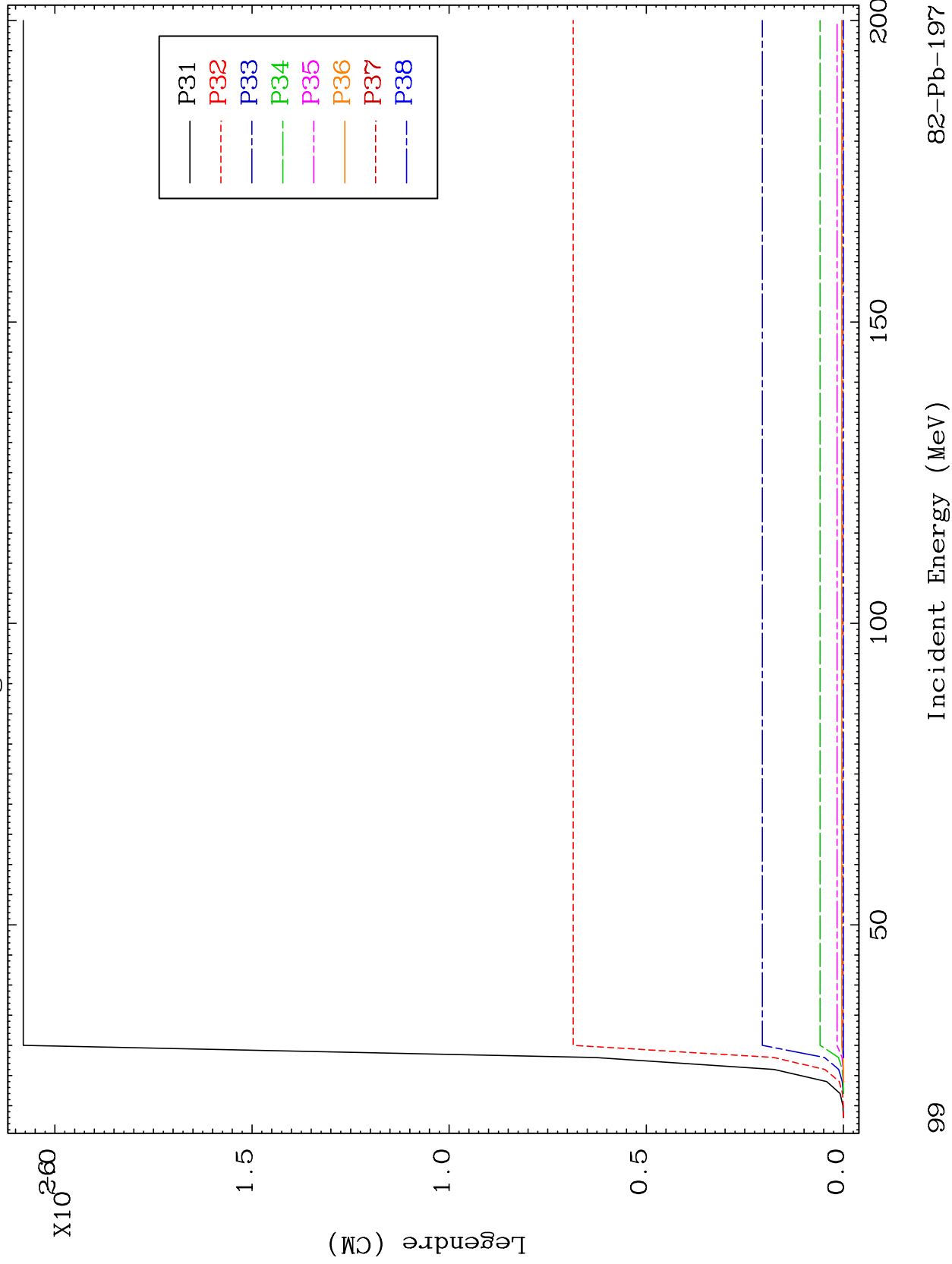
Incident Energy (MeV)

82-Pb-197

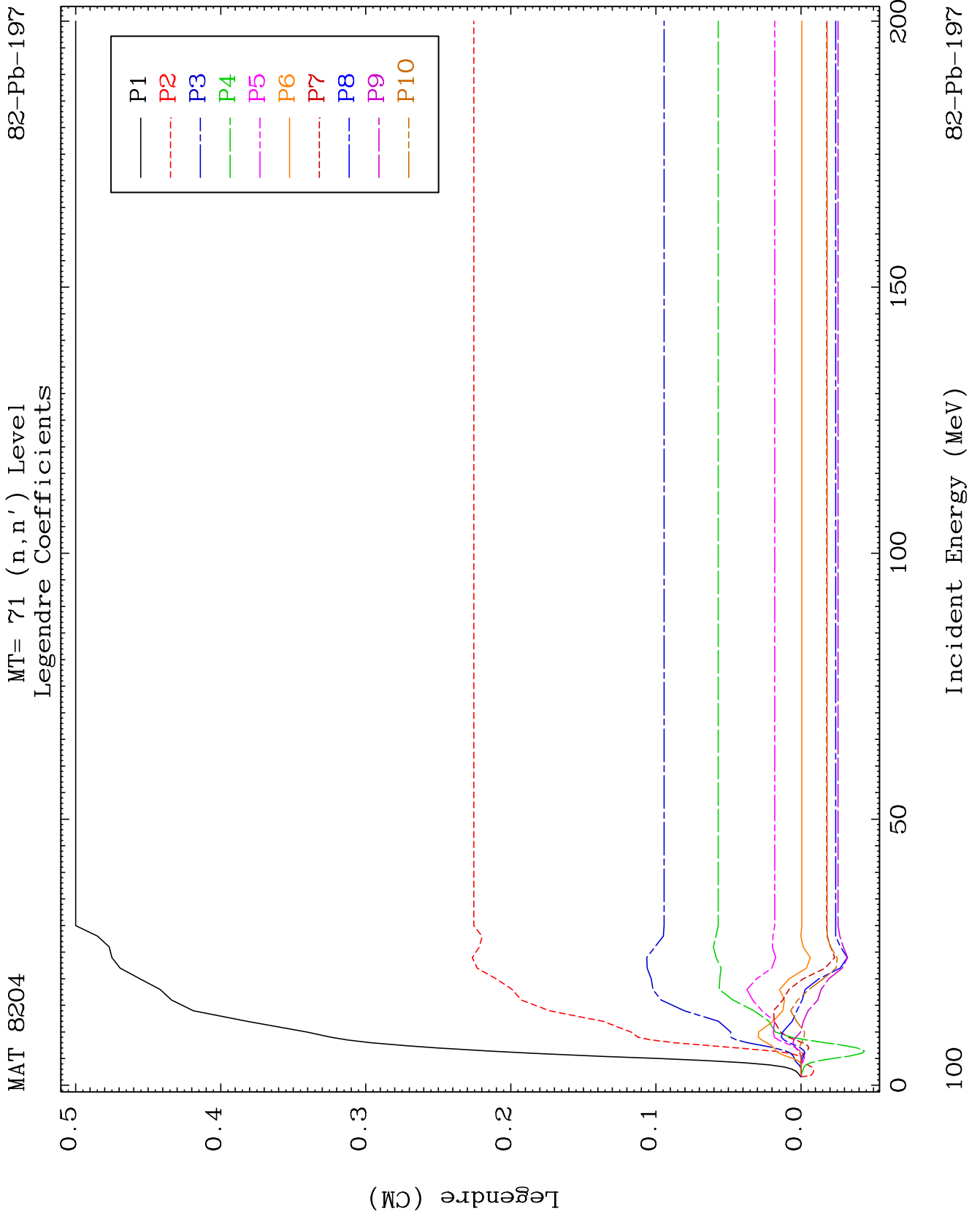
MAT 8204

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

82-Pb-197



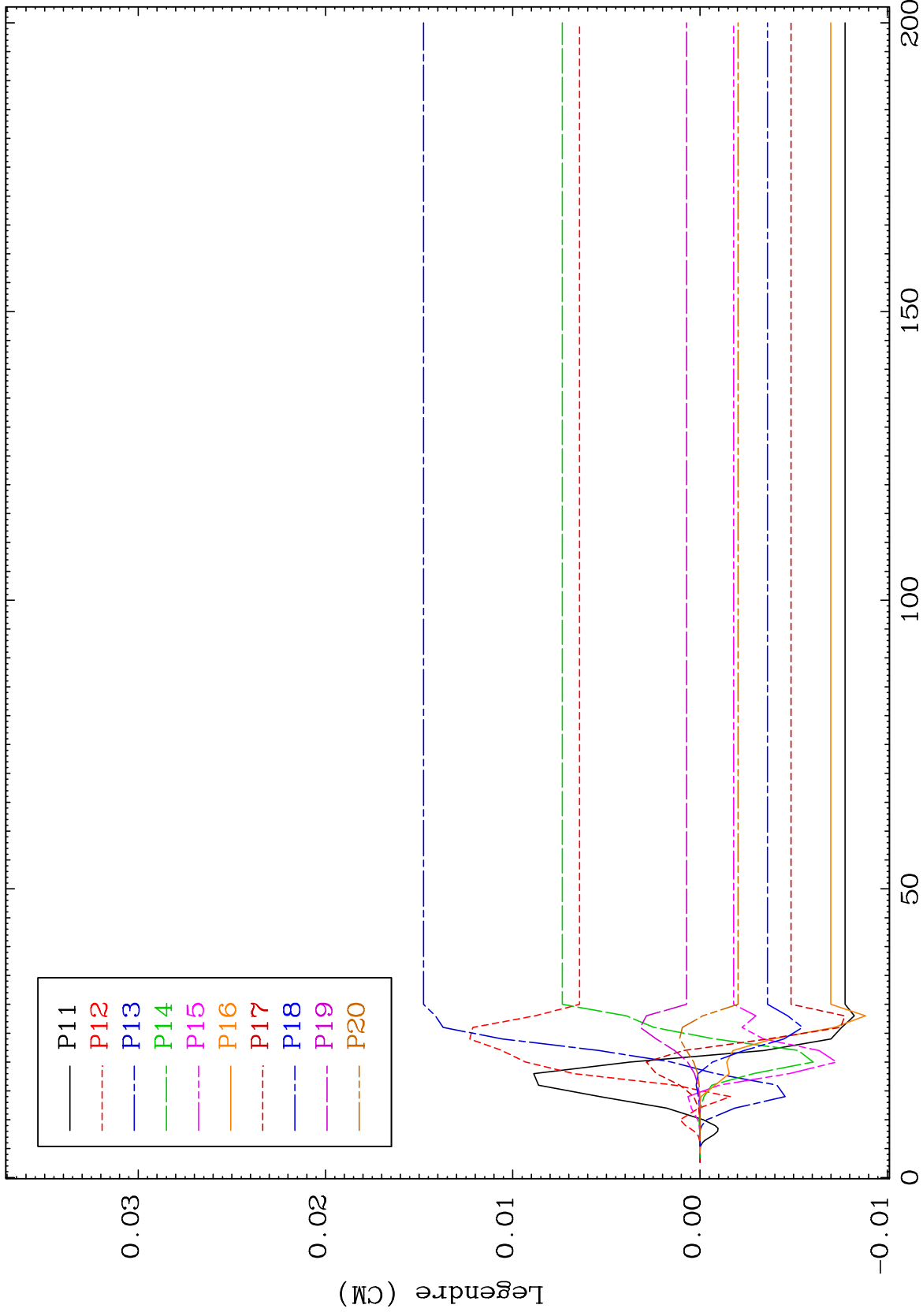
99



MAT 8204

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

82-Pb-197



101

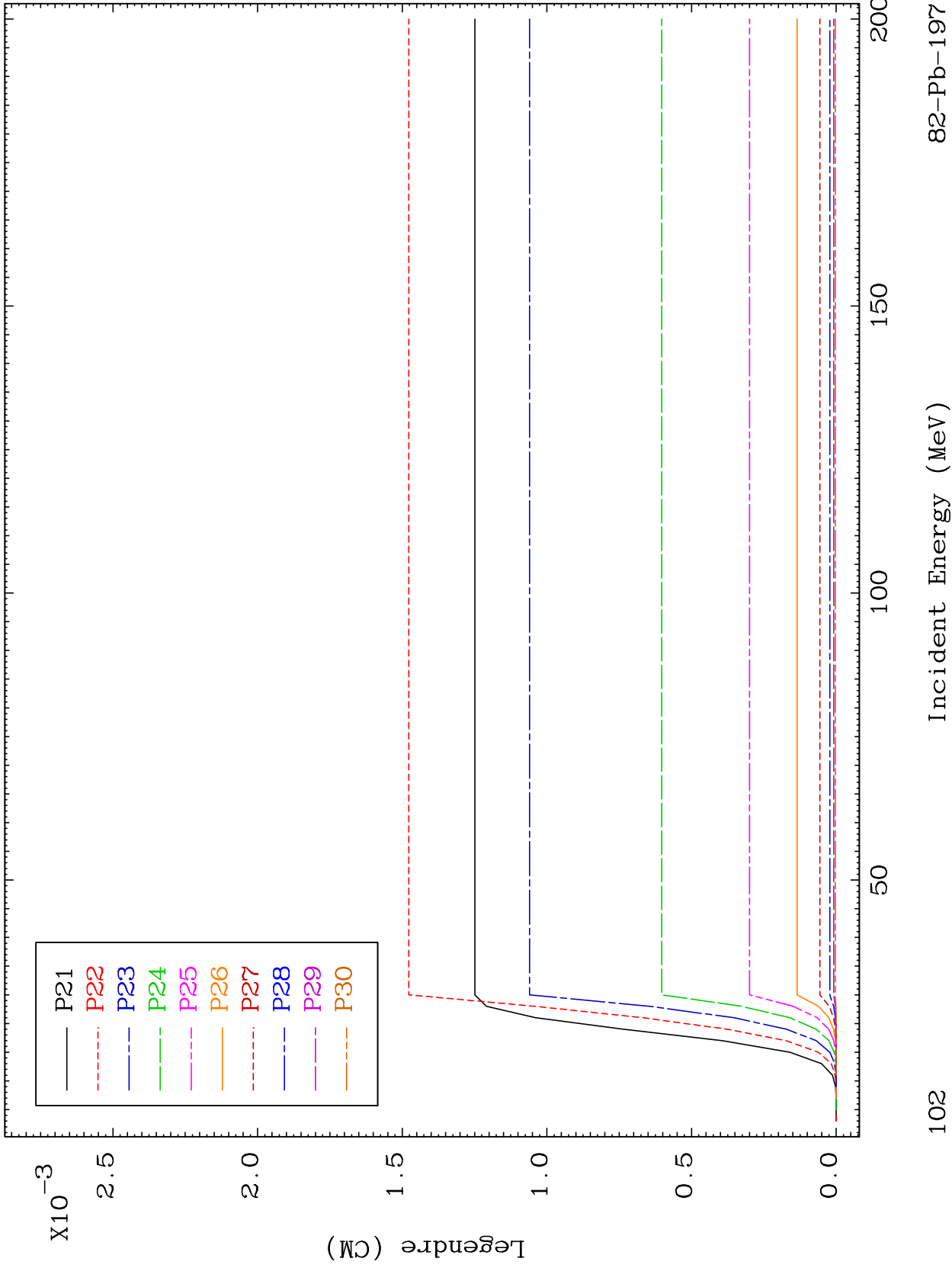
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197

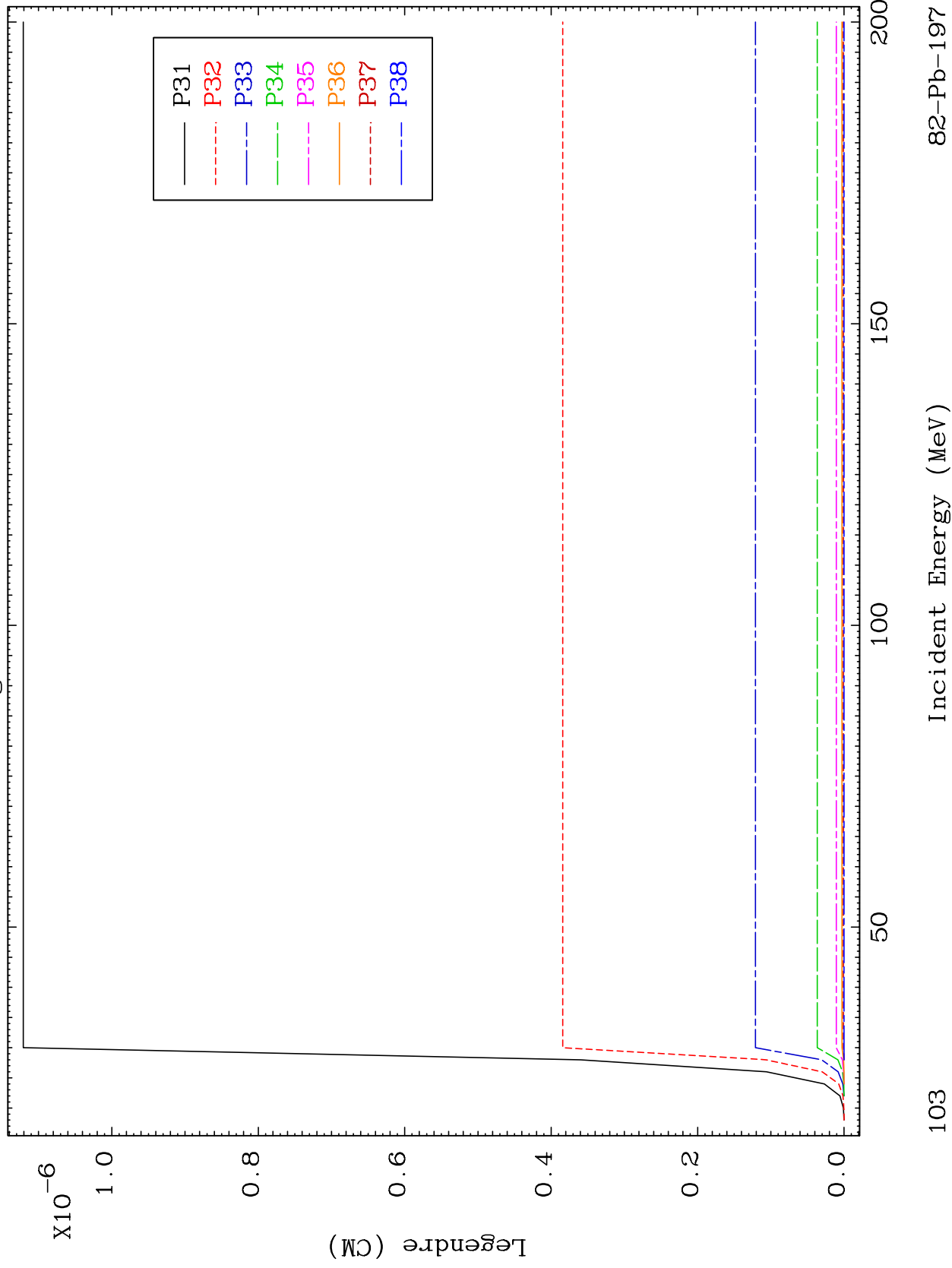


102

MAT 8204

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

82-Pb-197



103

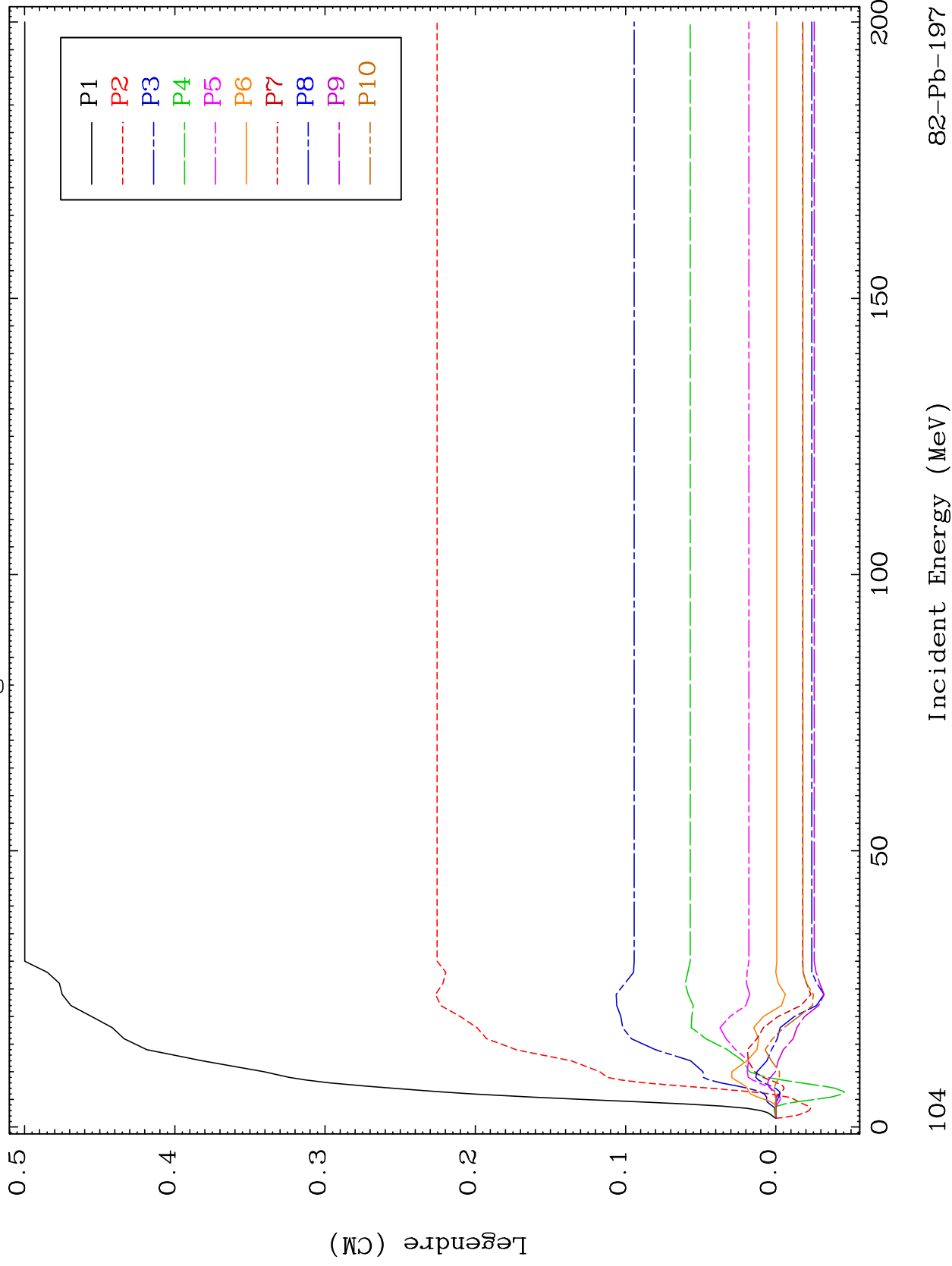


MAT 8204

MT= 72 (n,n') Level

82-Pb-197

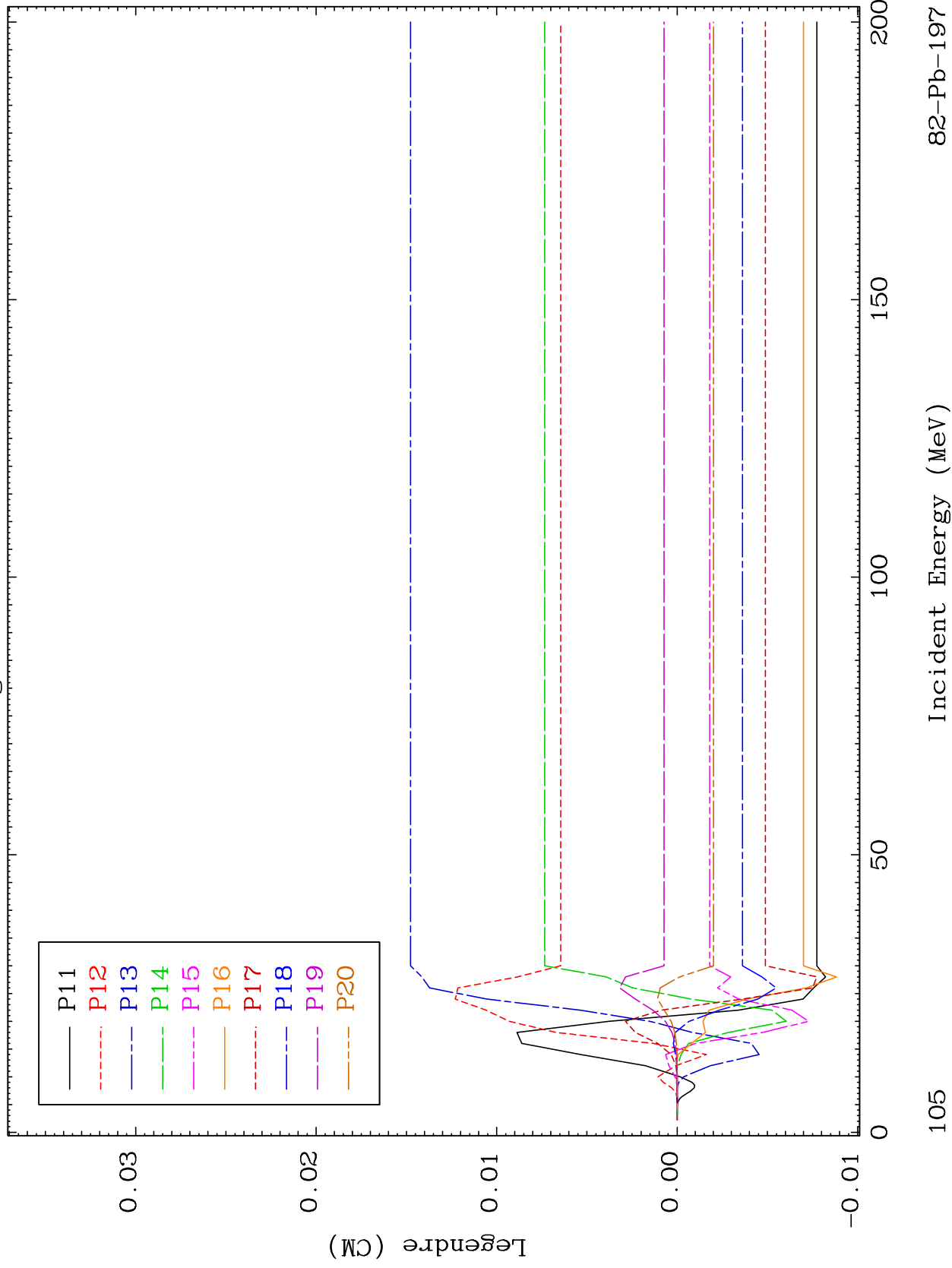
Legendre Coefficients



MAT 8204

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

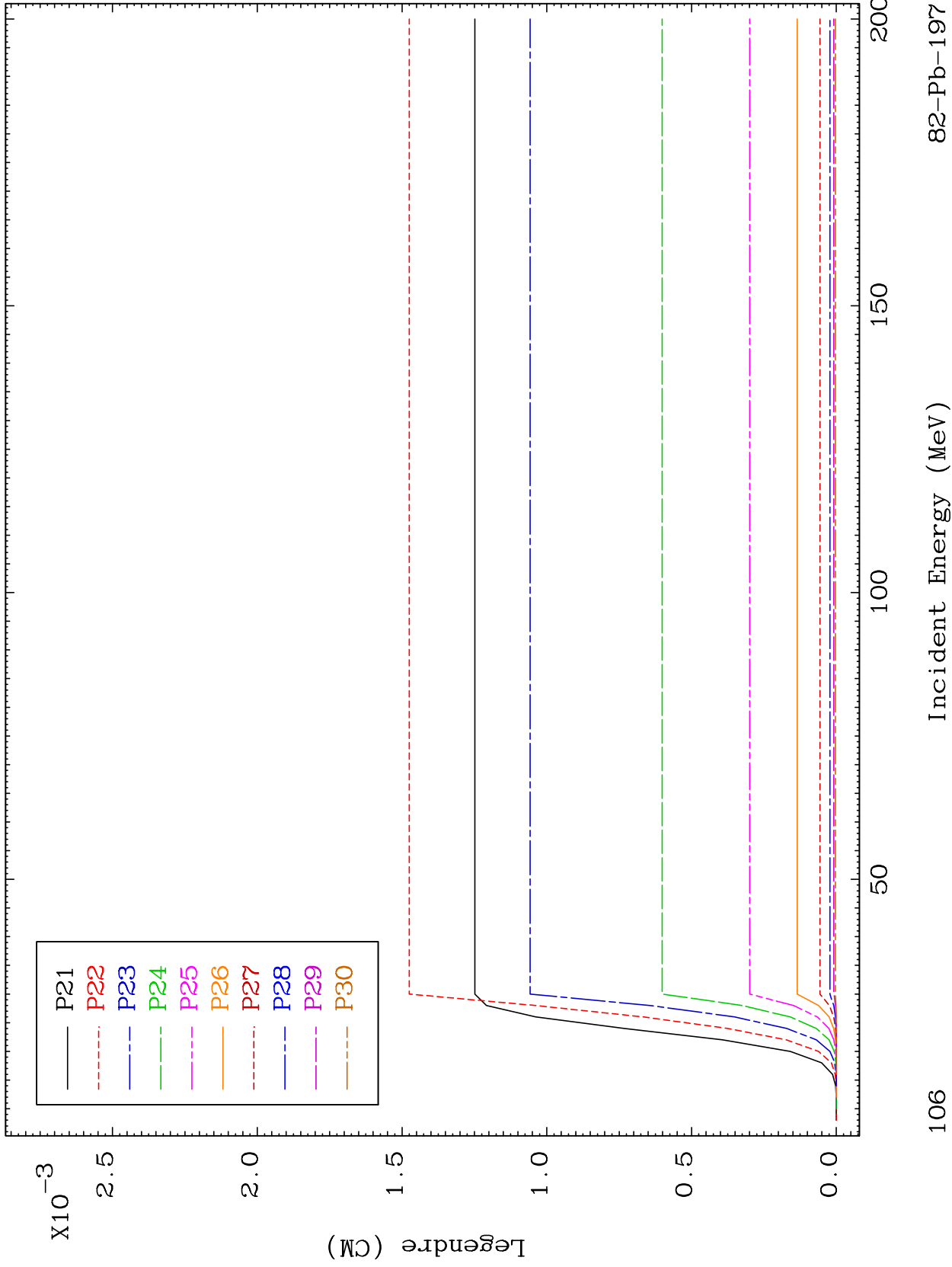
82-Pb-197



82-Pb-197

Incident Energy (MeV)

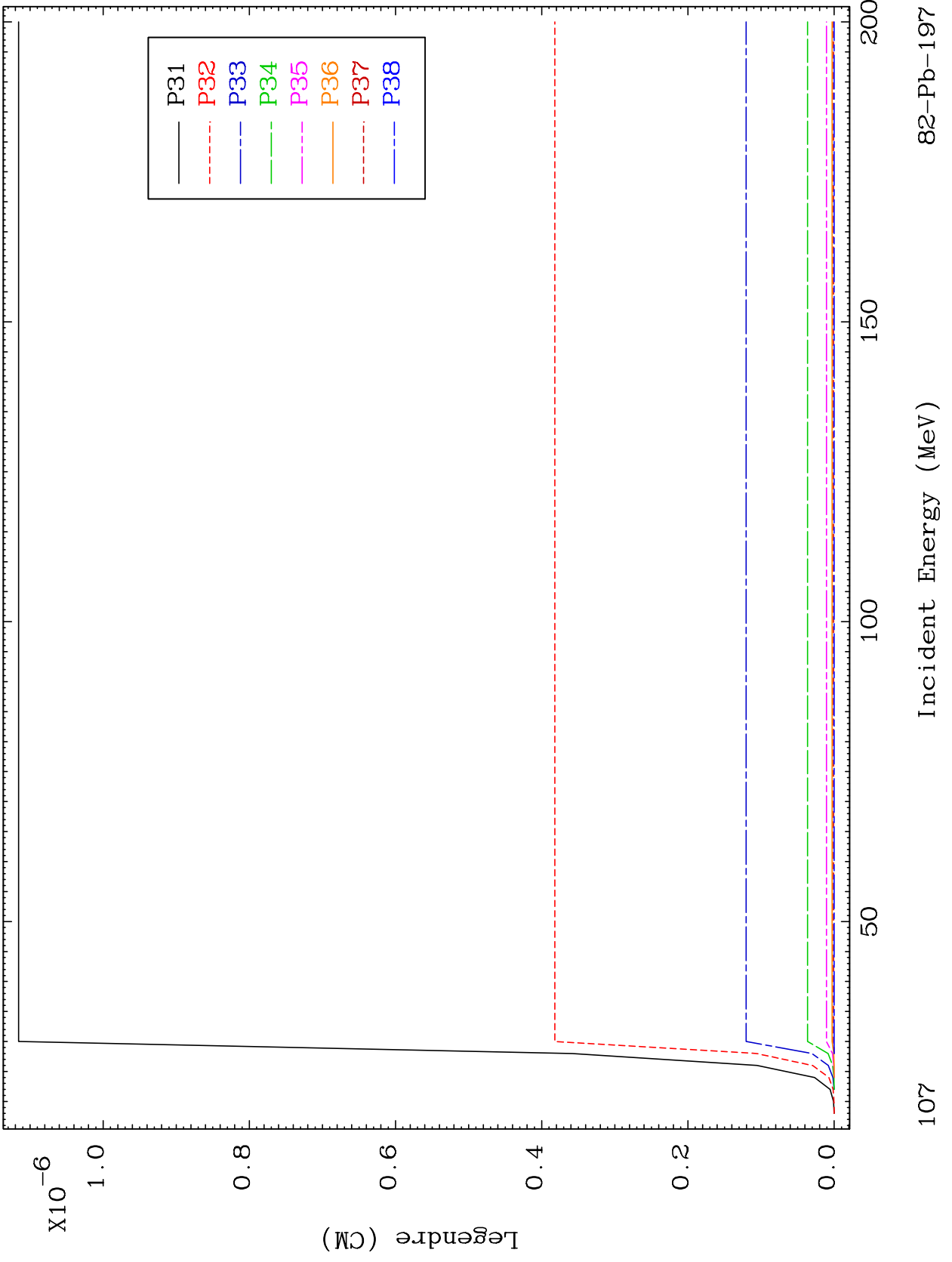
105



MAT 8204

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

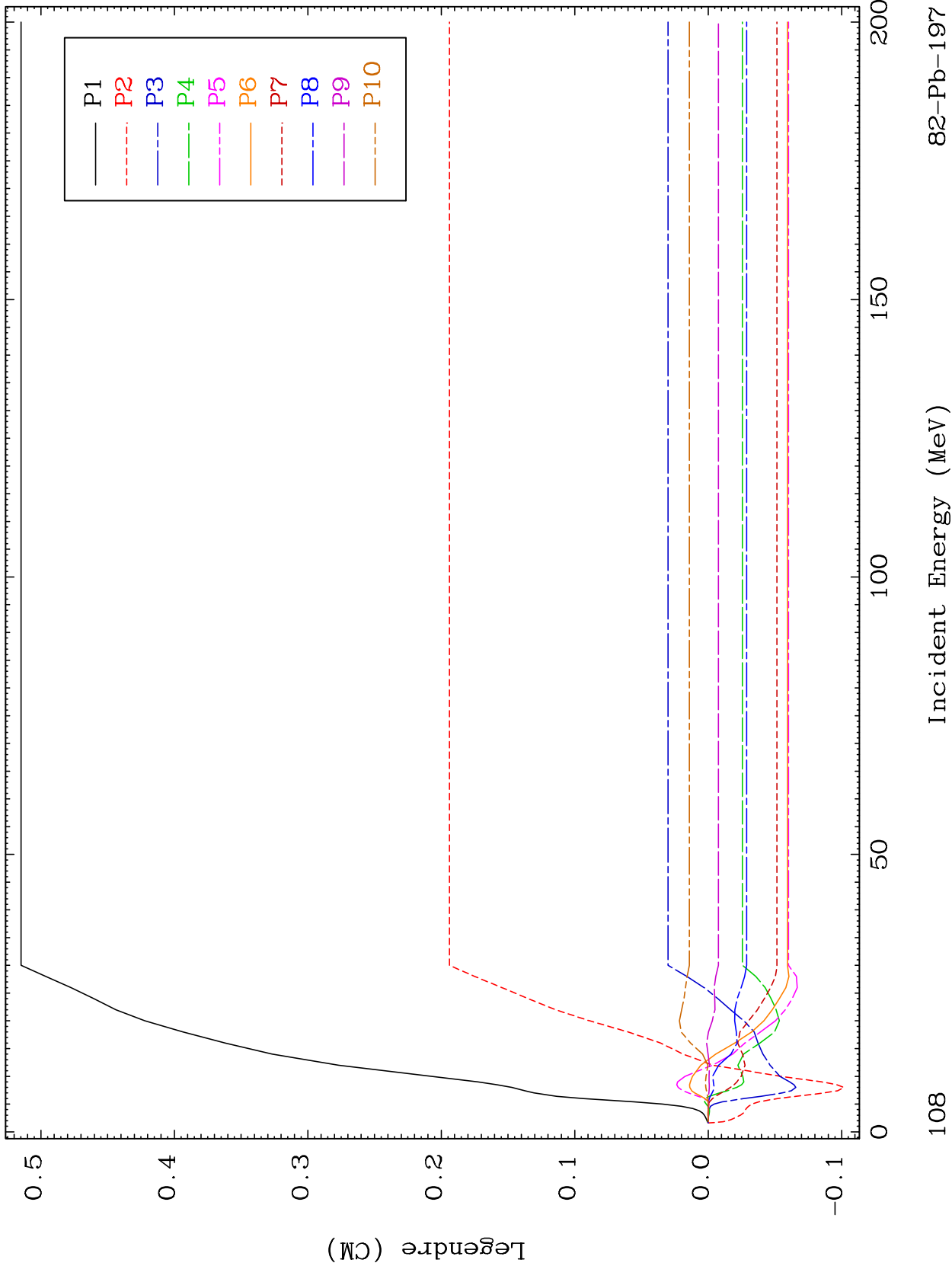
82-Pb-197



MAT 8204

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

82-Pb-197

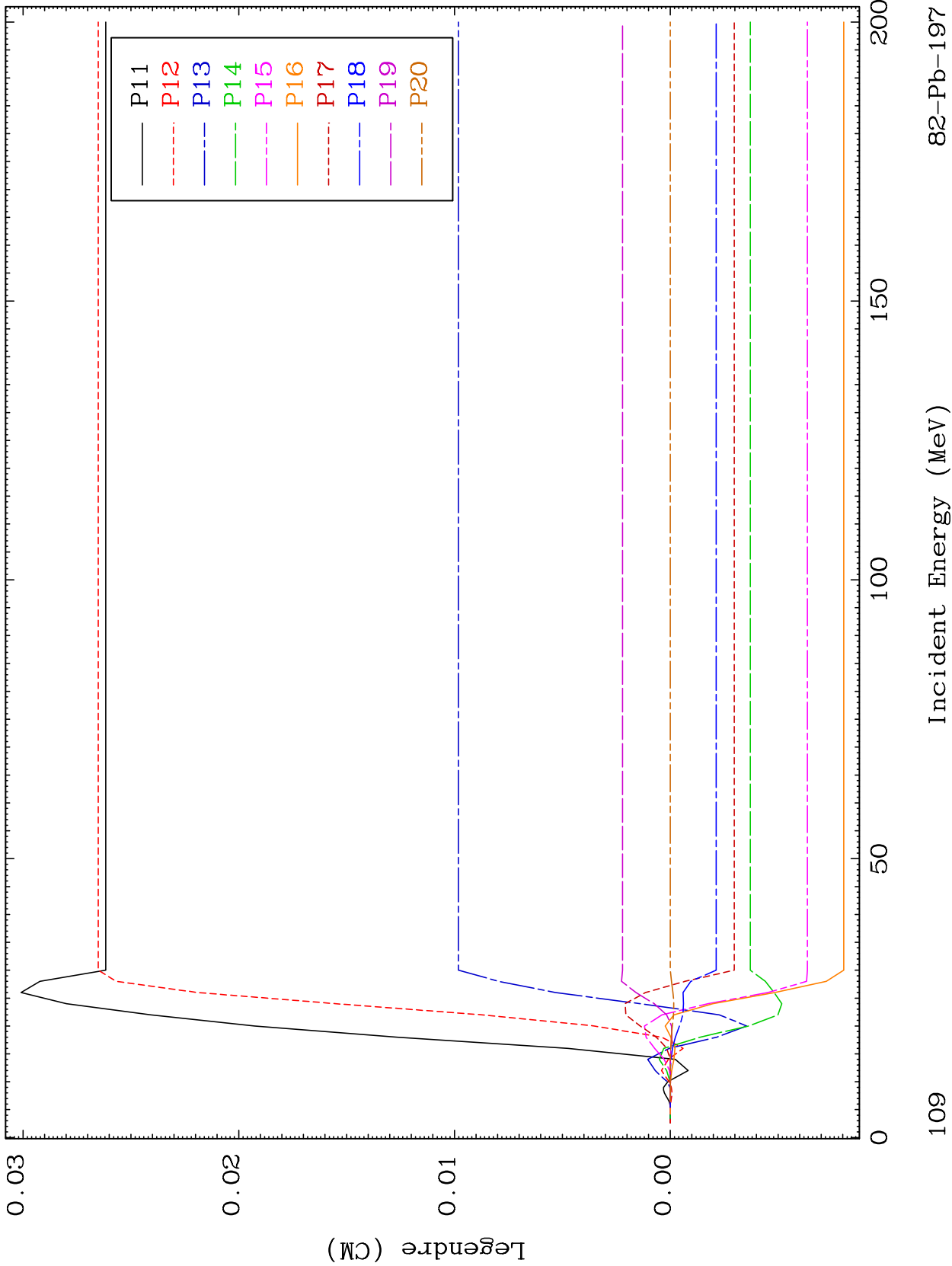


82-Pb-197

Incident Energy (MeV)

108

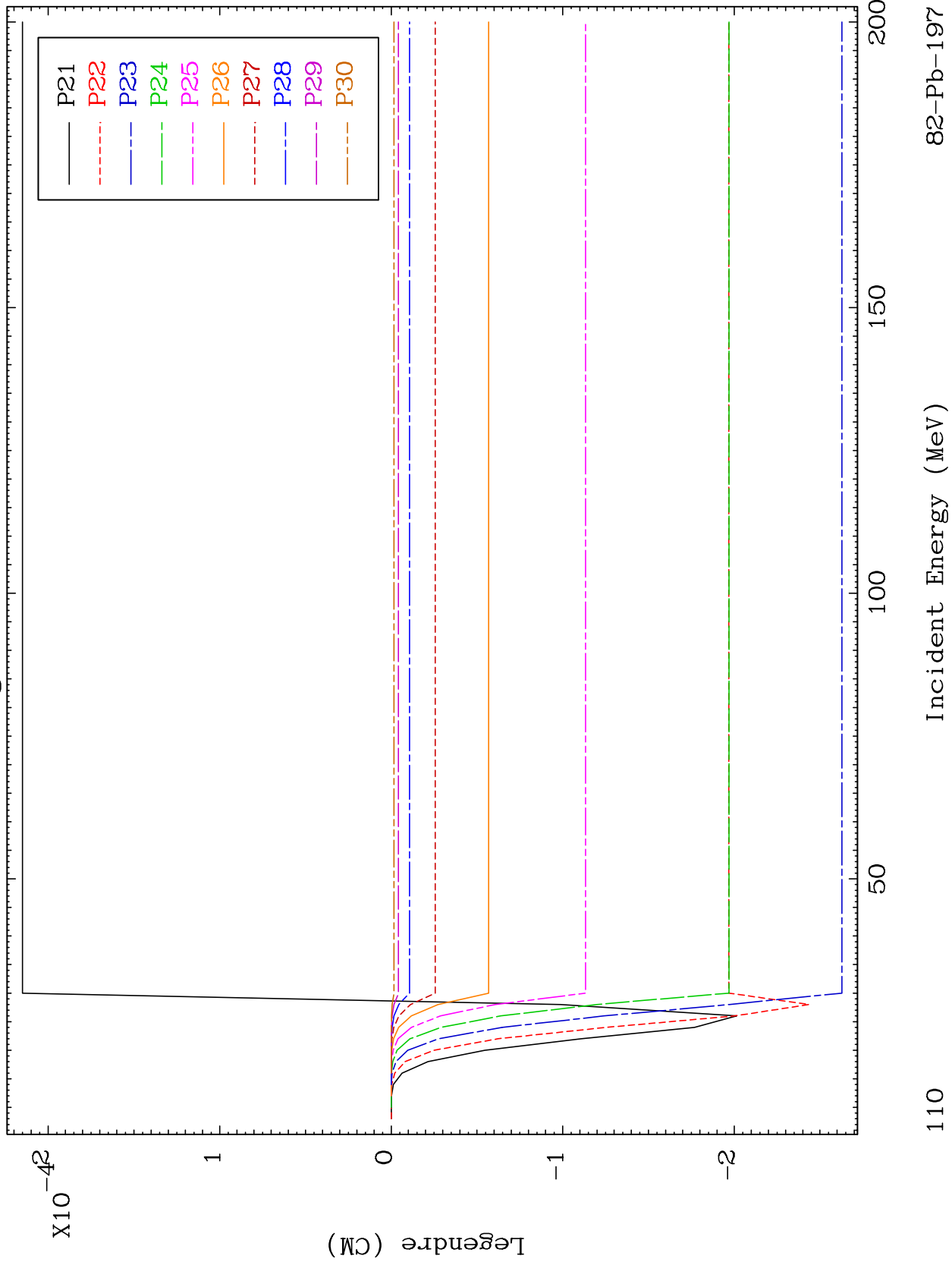
MAT 8204 MT= 73 (n,n') Level Legendre Coefficients 82-Pb-197



MAT 8204

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

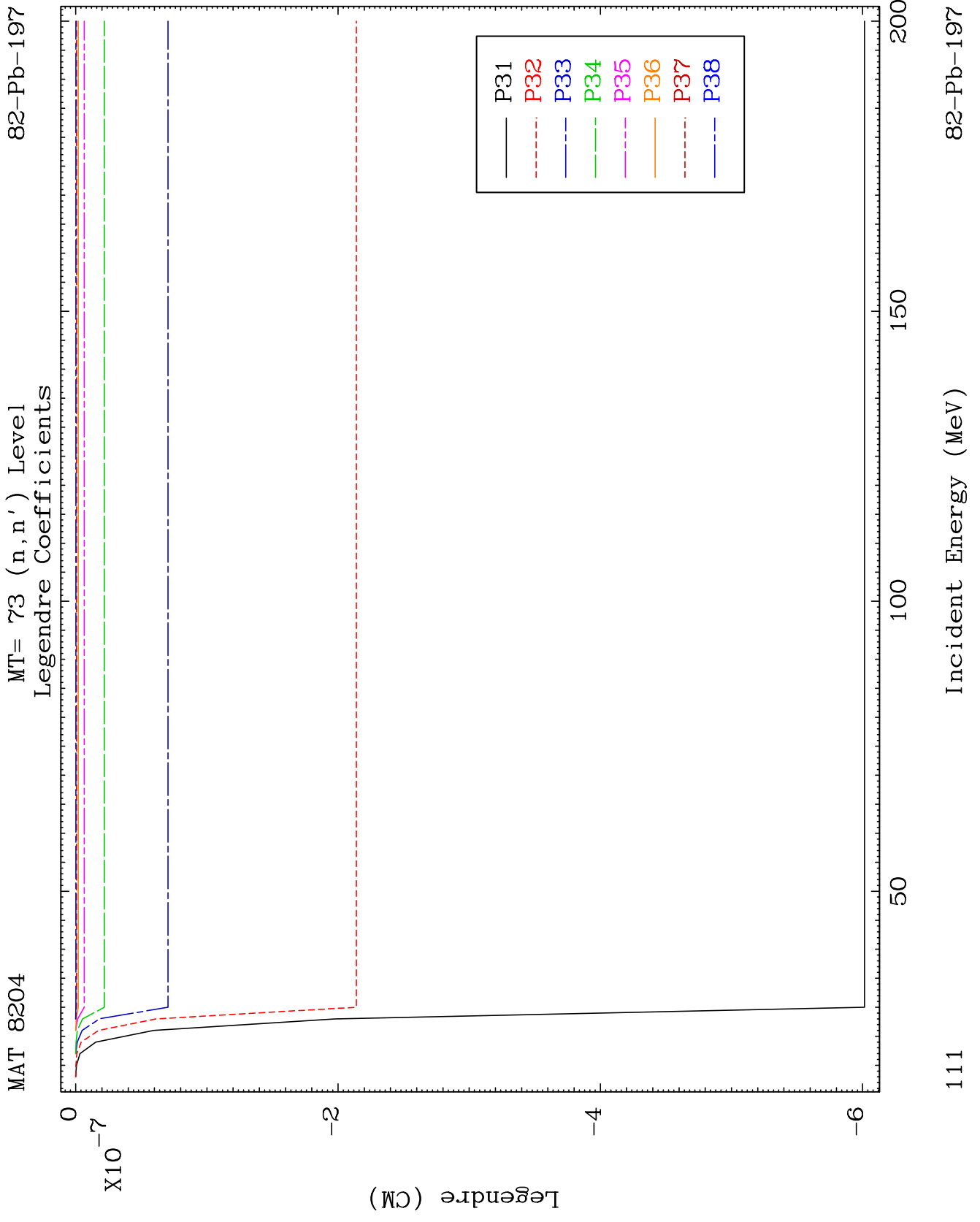
82-Pb-197



110

Incident Energy (MeV)

82-Pb-197



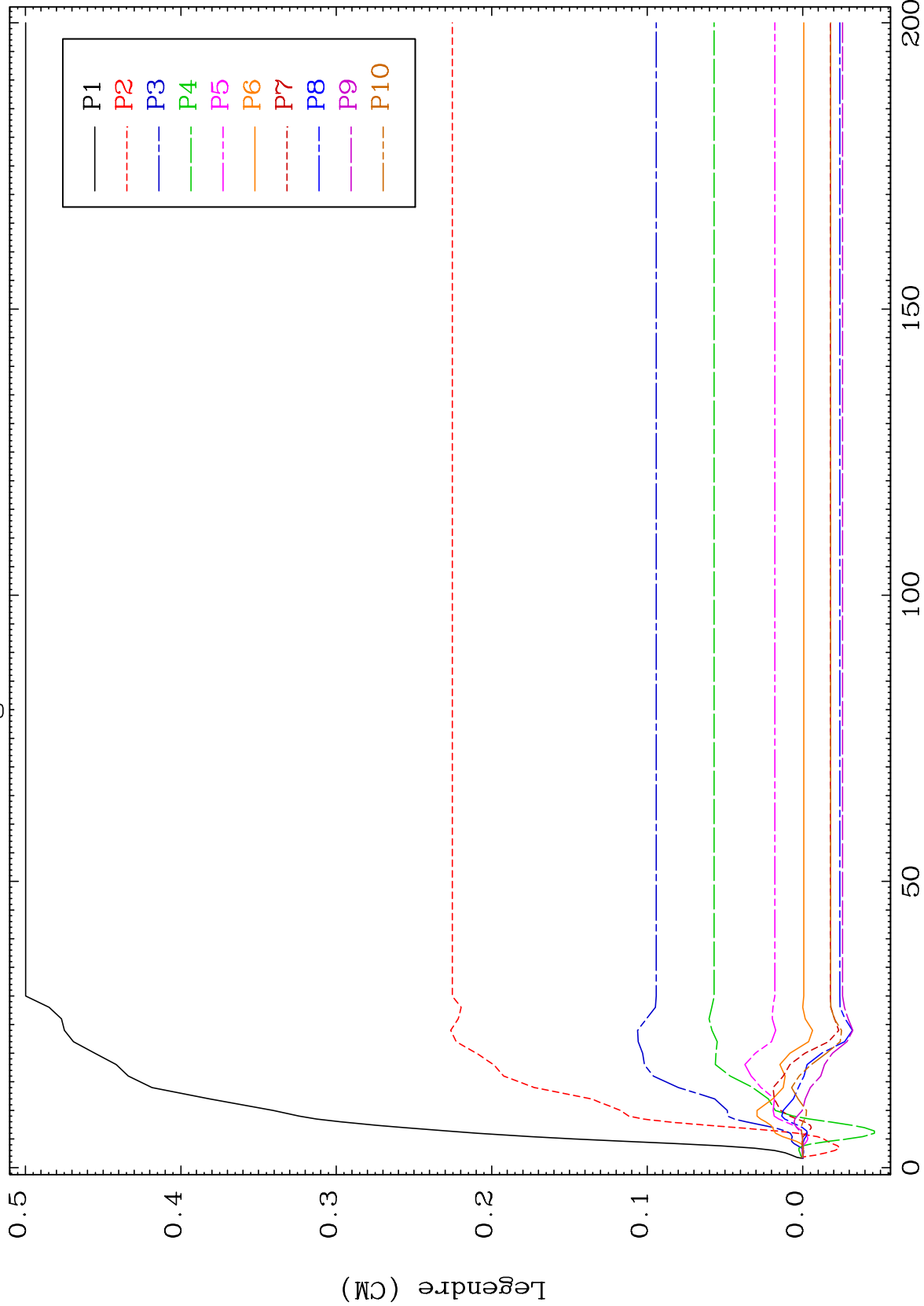


MAT 8204

MT= 74 (n,n') Level

82-Pb-197

Legendre Coefficients



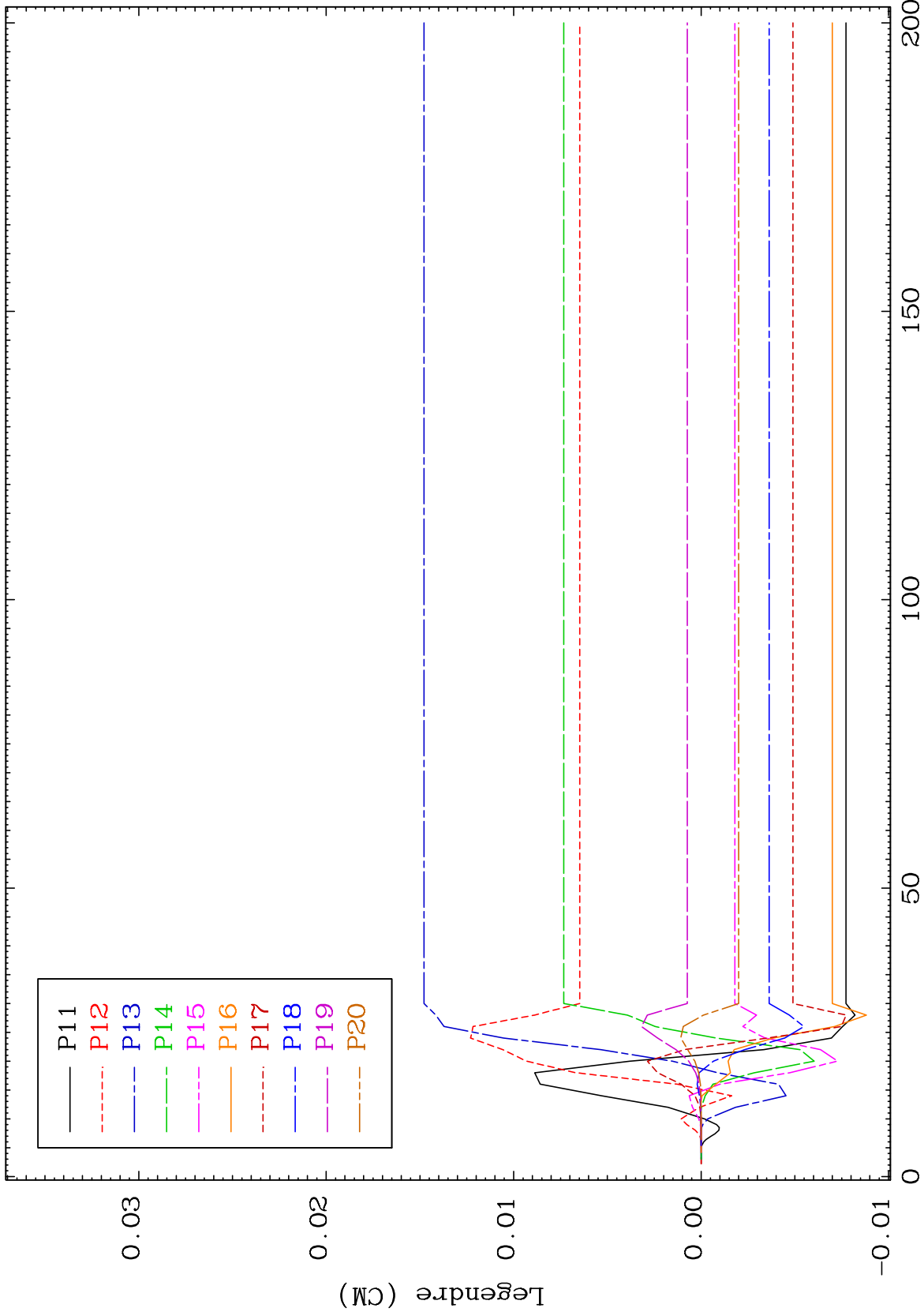
112

82-Pb-197

MAT 8204

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

82-Pb-197



113

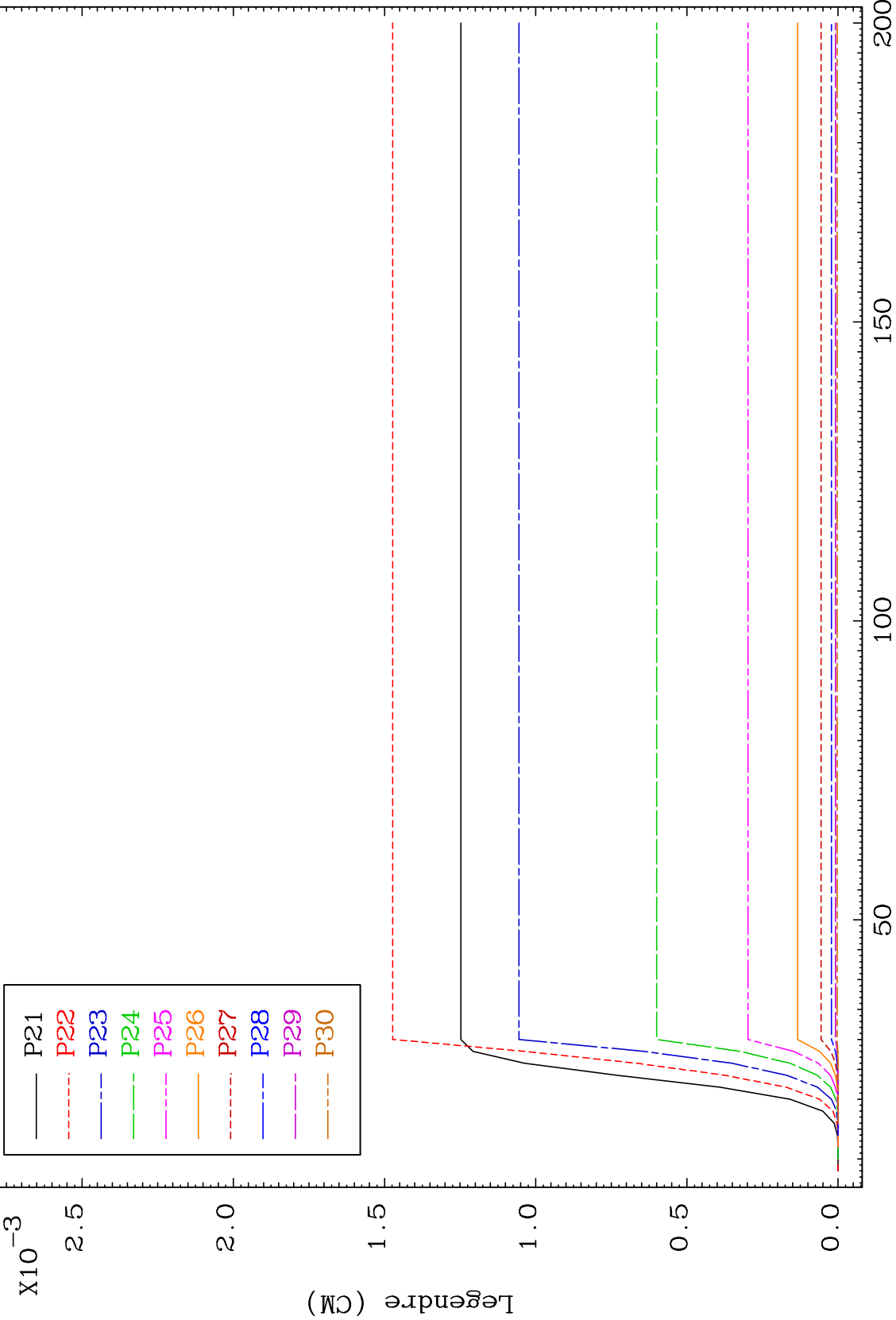
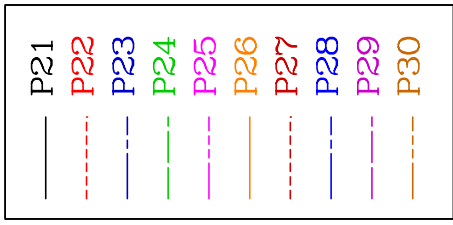
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



114

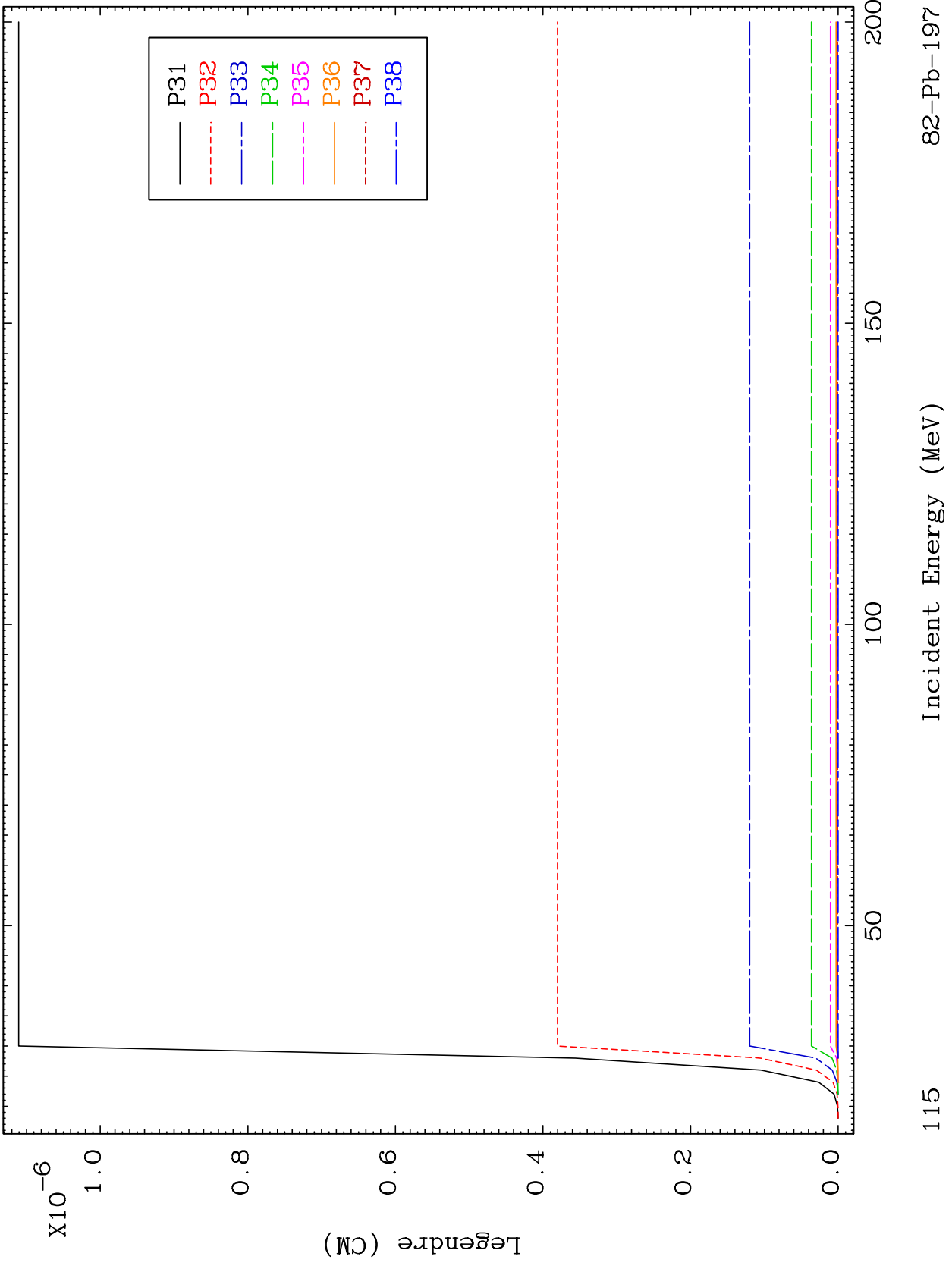
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



115

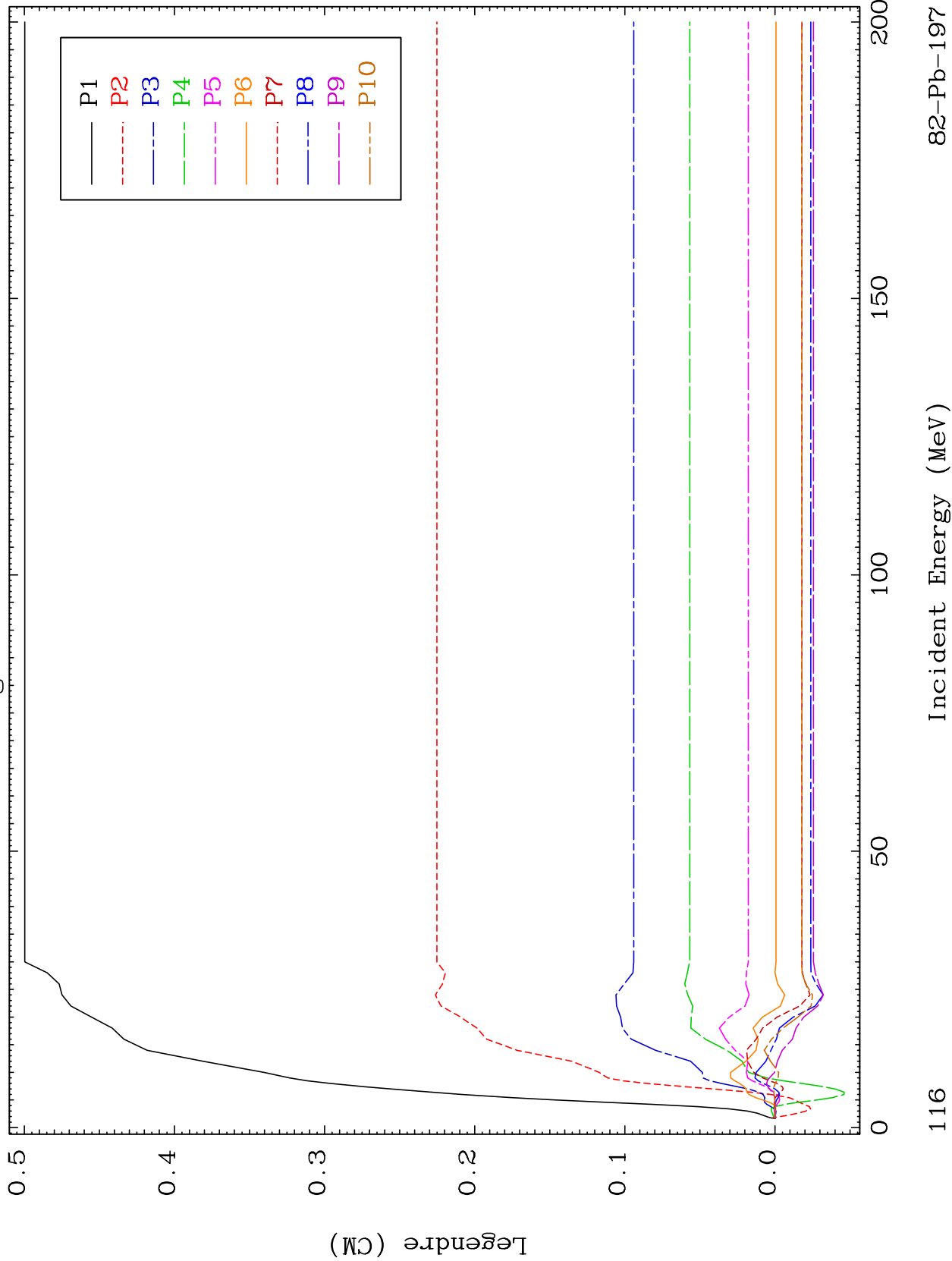
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



82-Pb-197

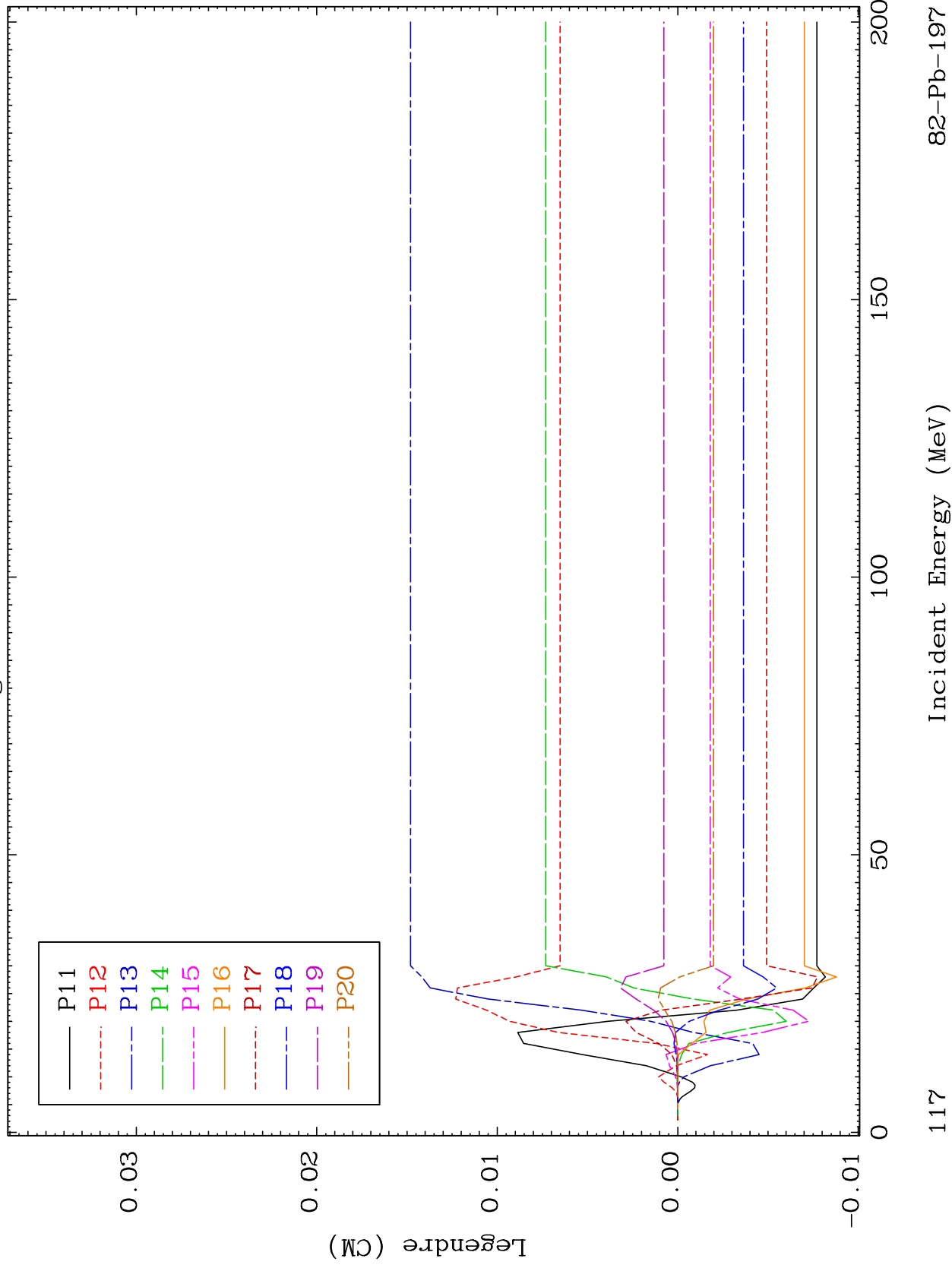
Incident Energy (MeV)

116

MAT 8204

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

82-Pb-197

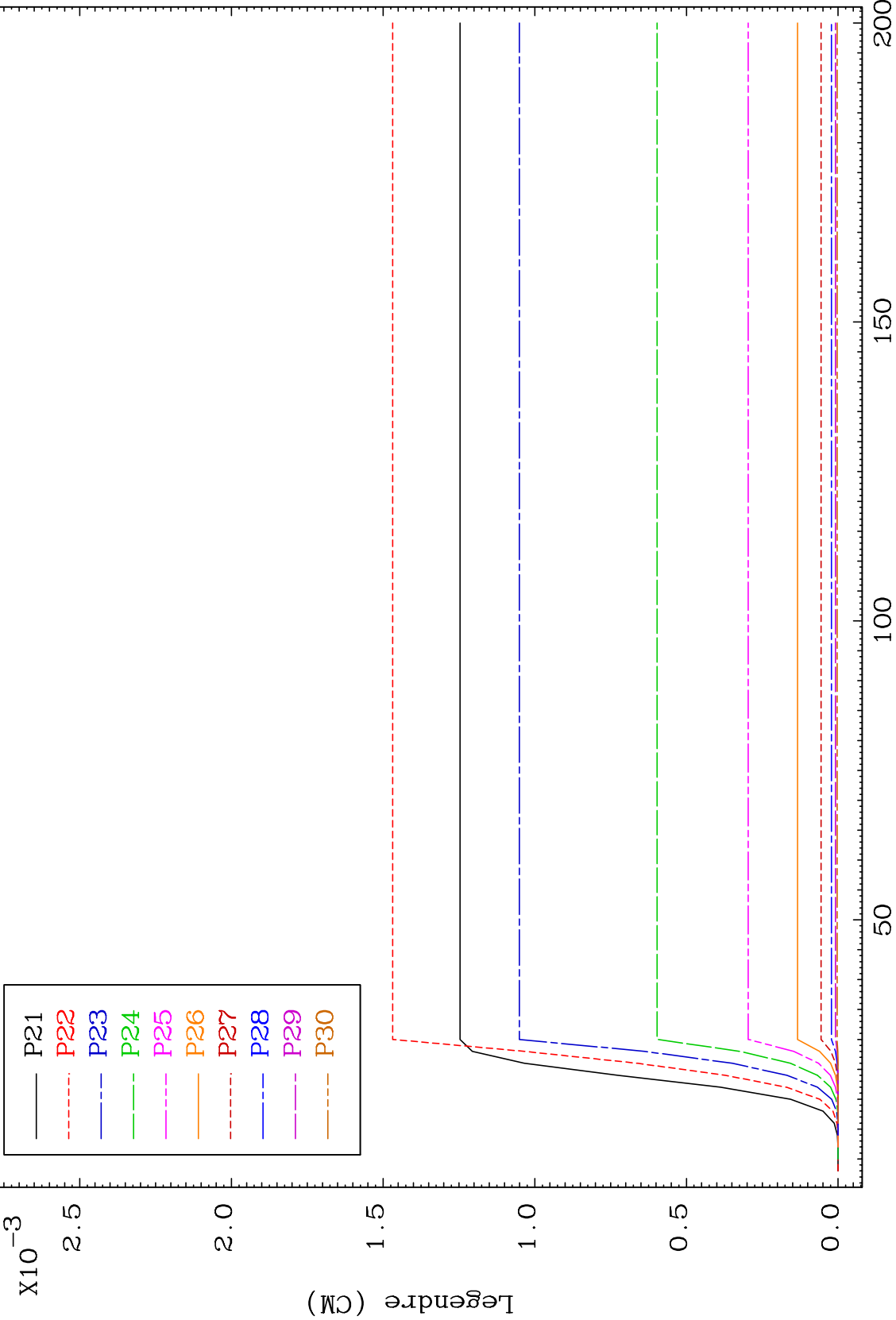
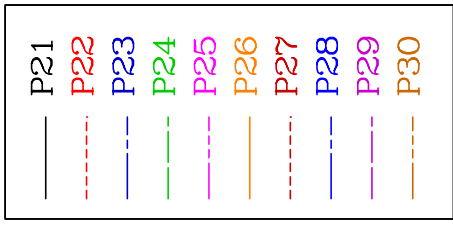


117

MAT 8204

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

82-Pb-197



118

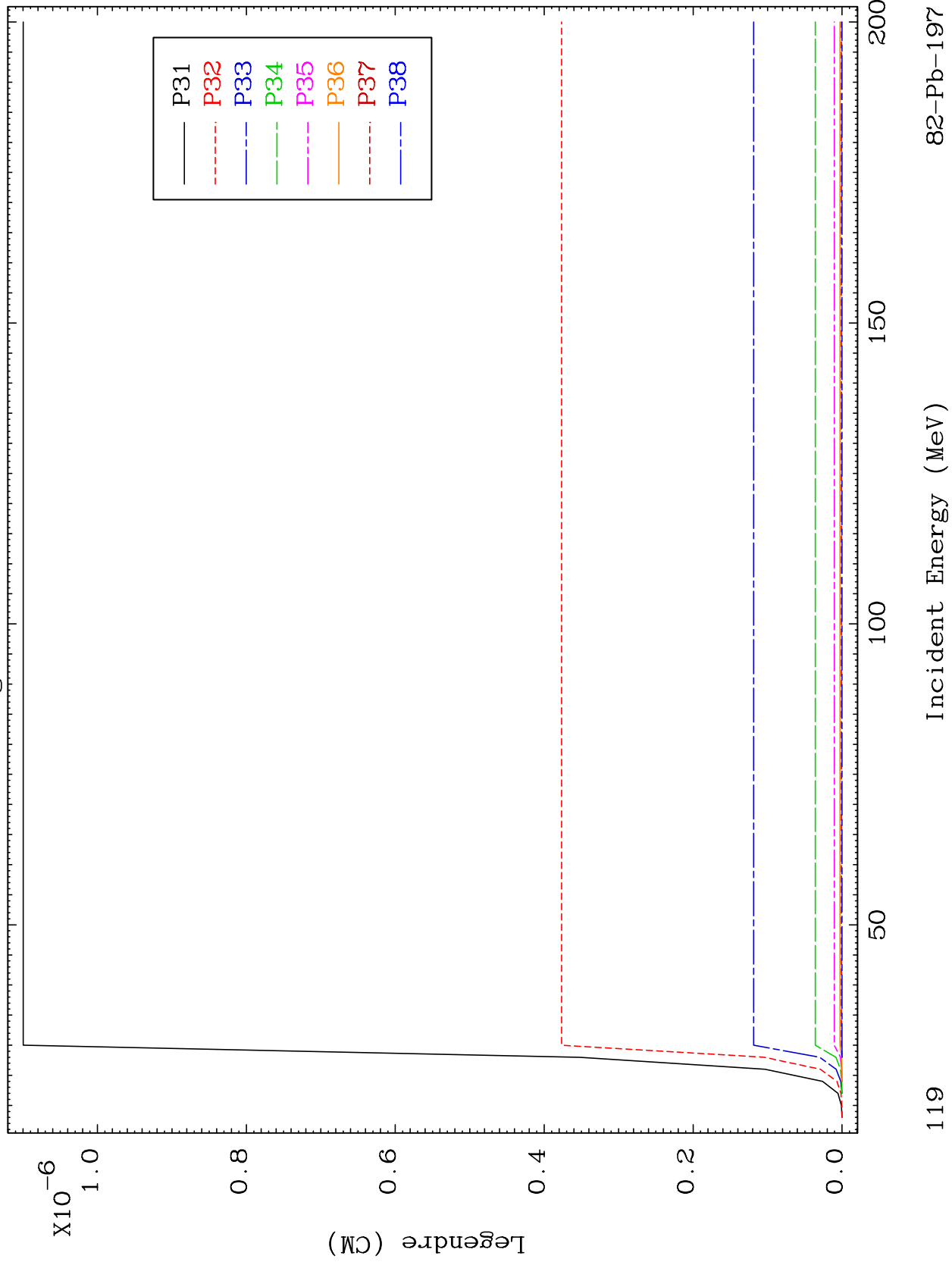
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



119

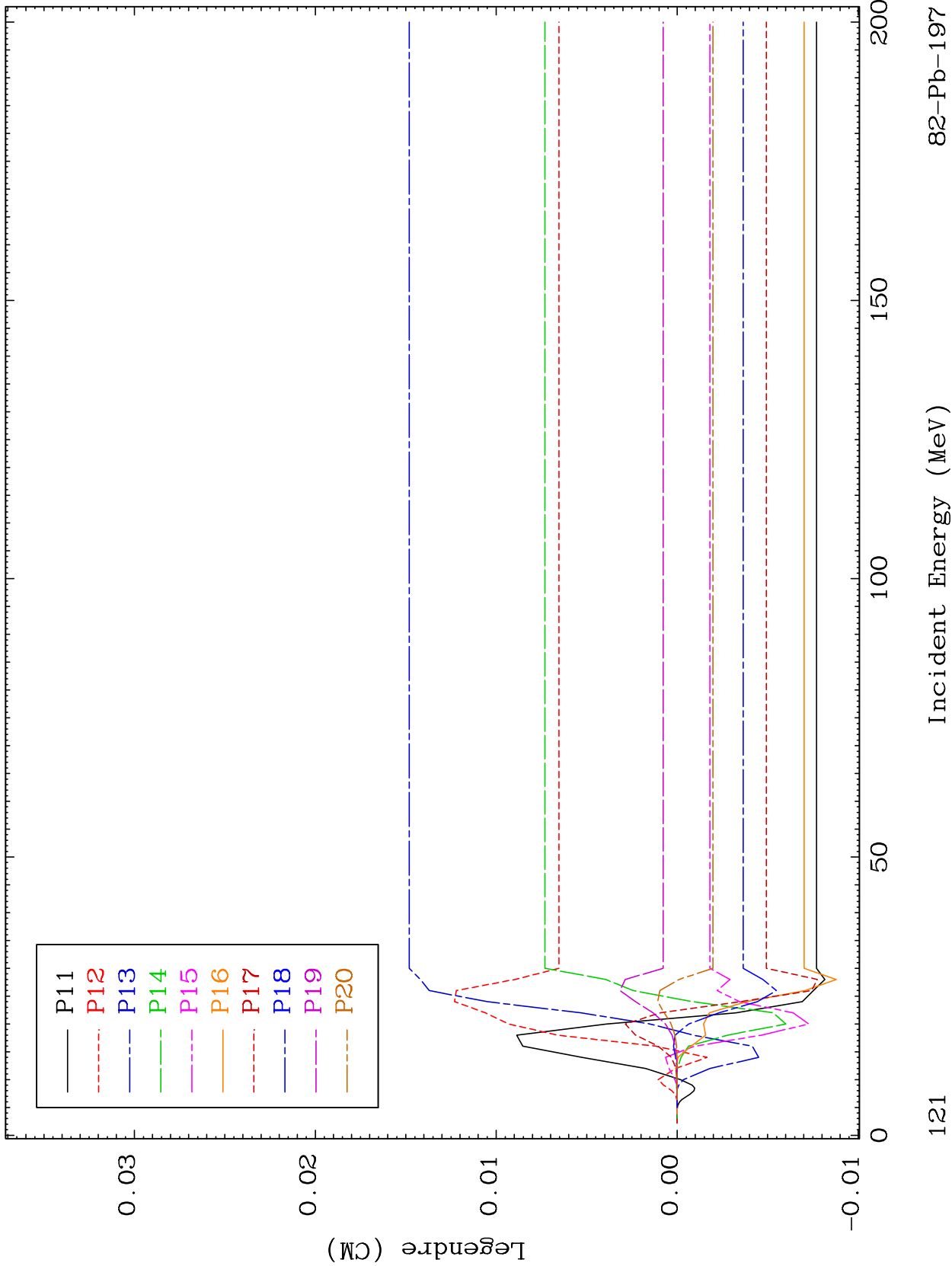




MAT 8204

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

82-Pb-197

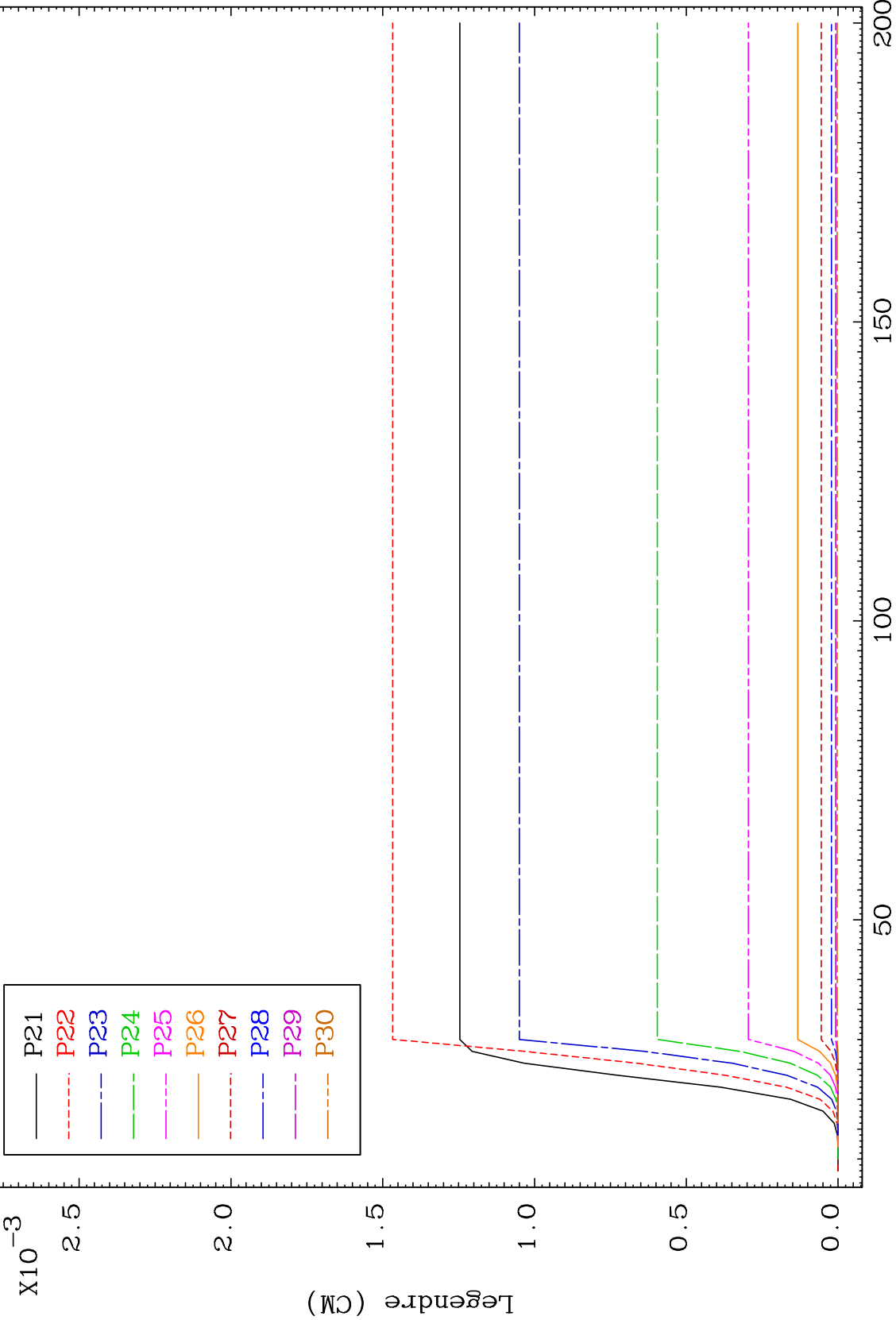
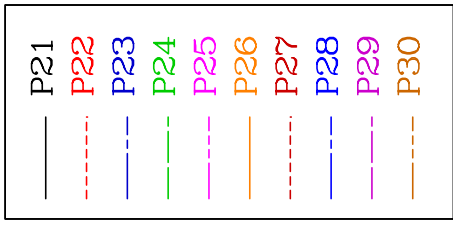


121

MAT 8204

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

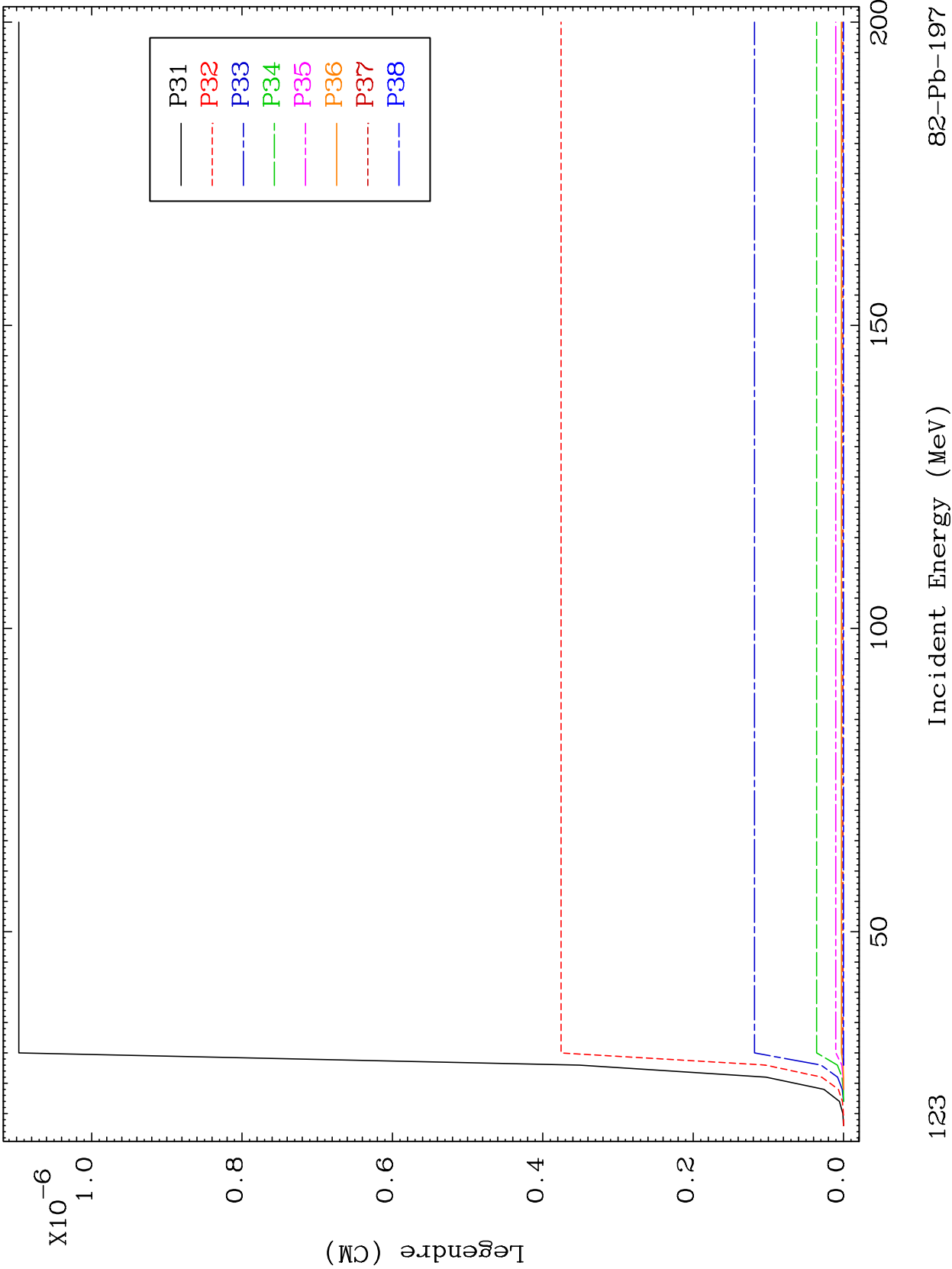
82-Pb-197



MAT 8204

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

82-Pb-197

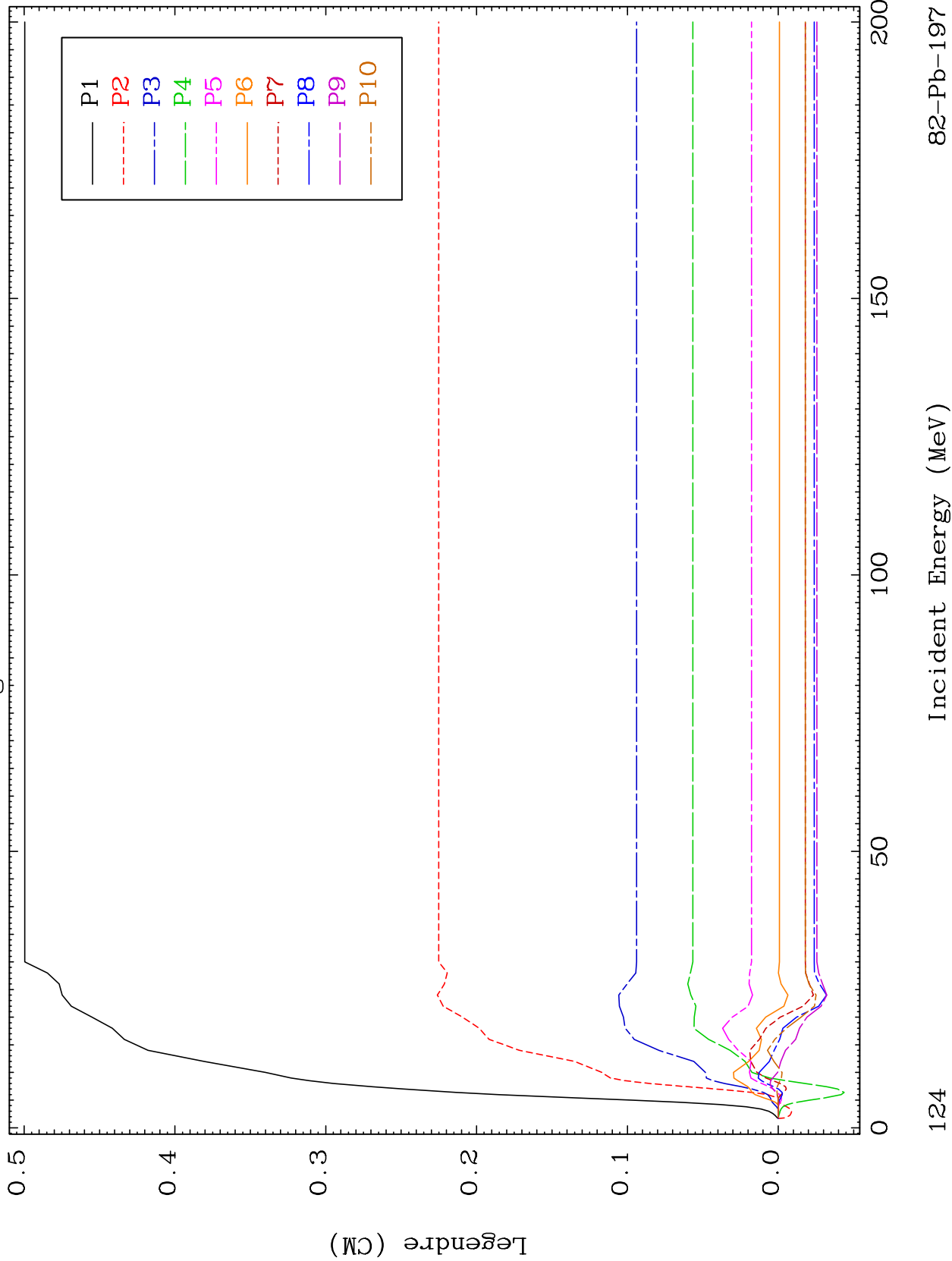


123

MAT 8204

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

82-Pb-197



82-Pb-197

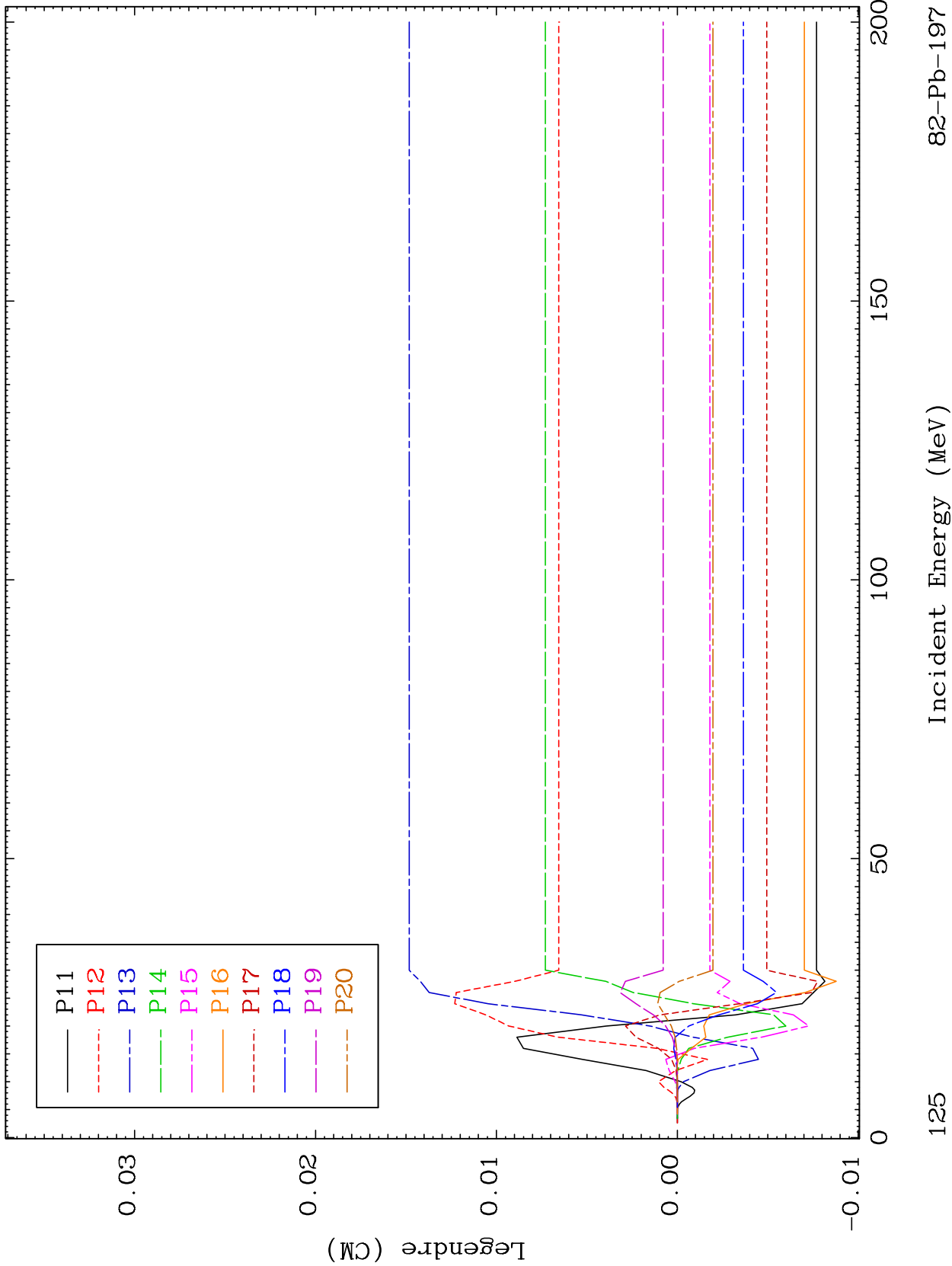
Incident Energy (MeV)

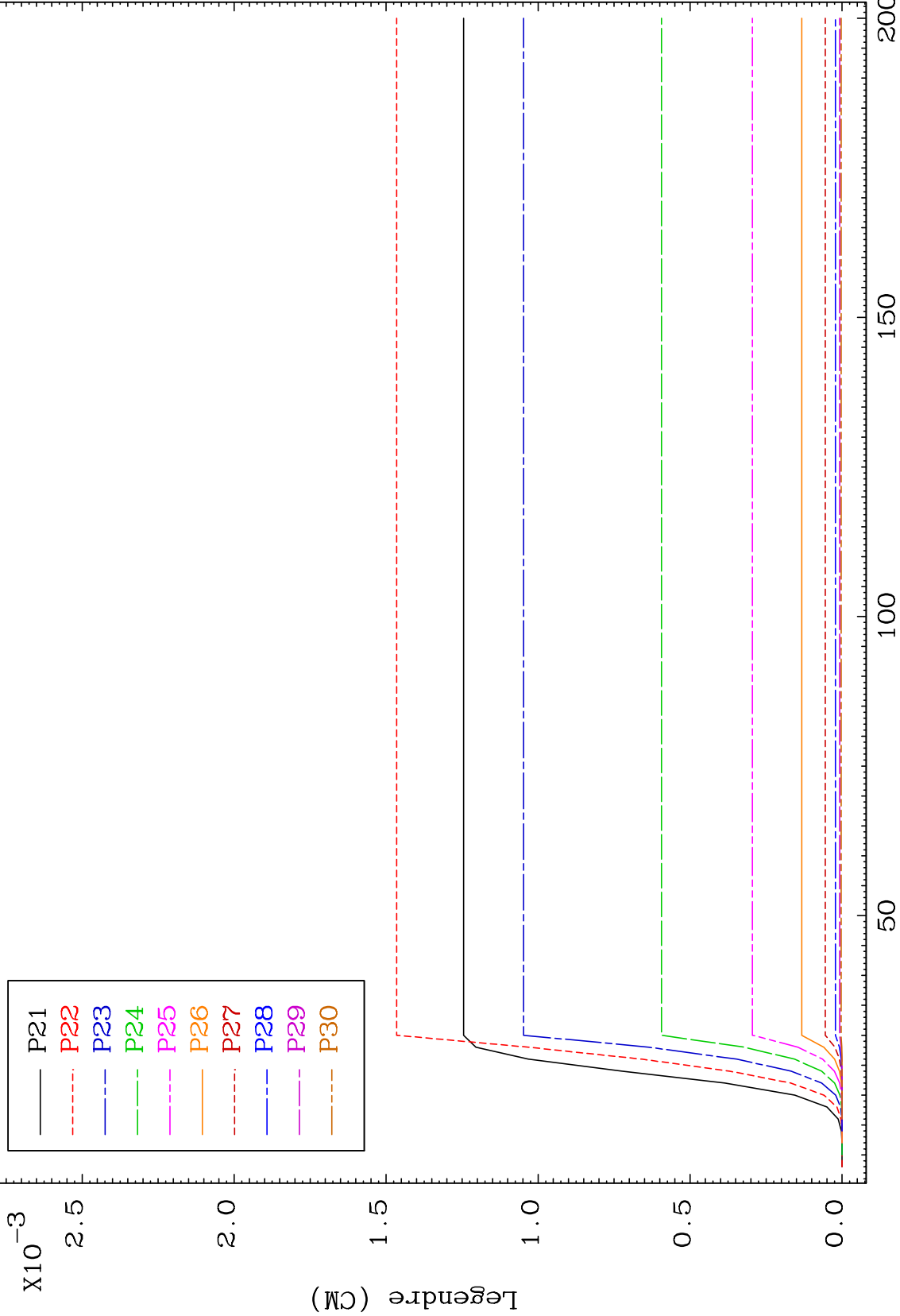
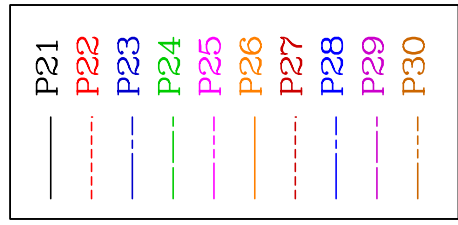
124

MAT 8204

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

82-Pb-197

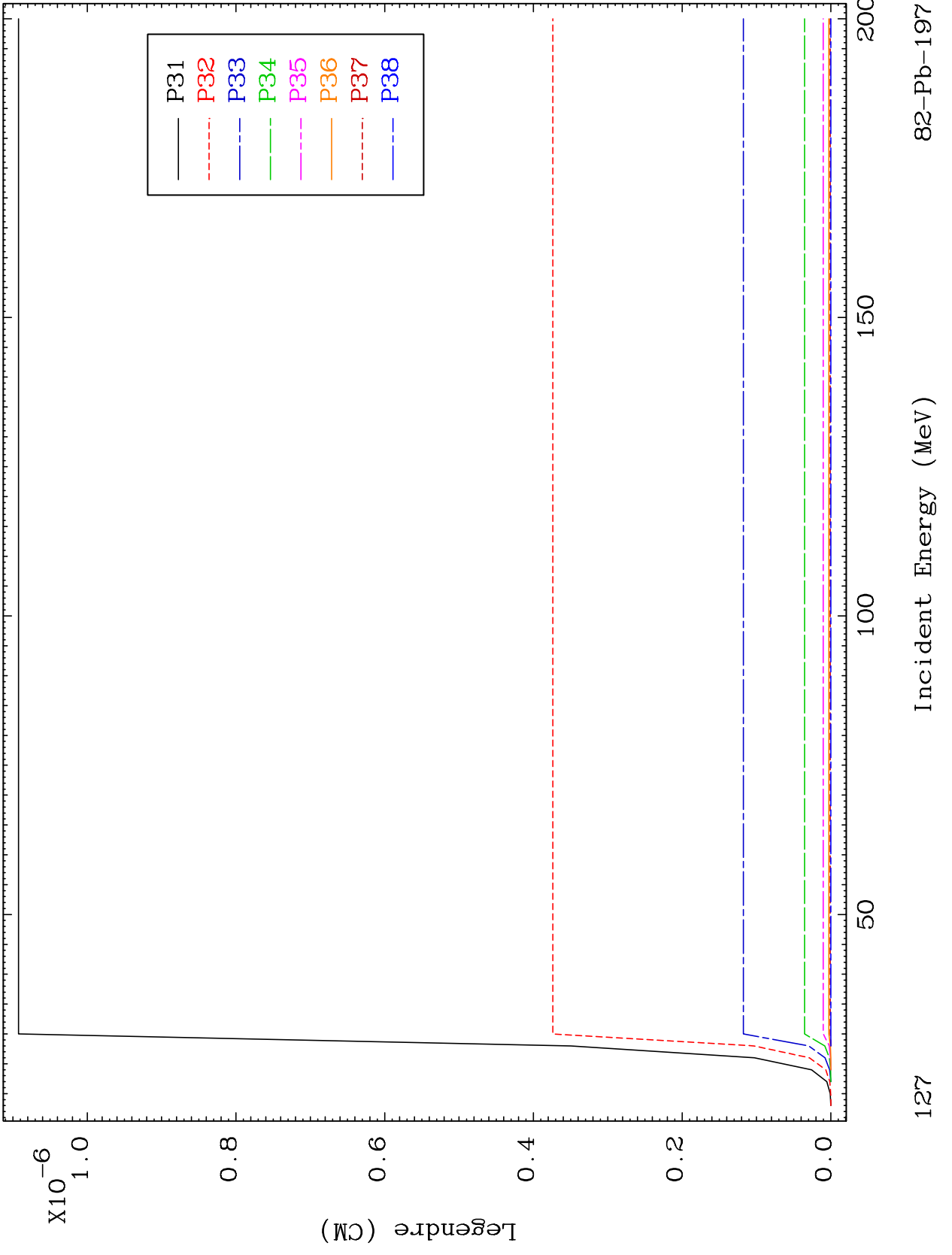




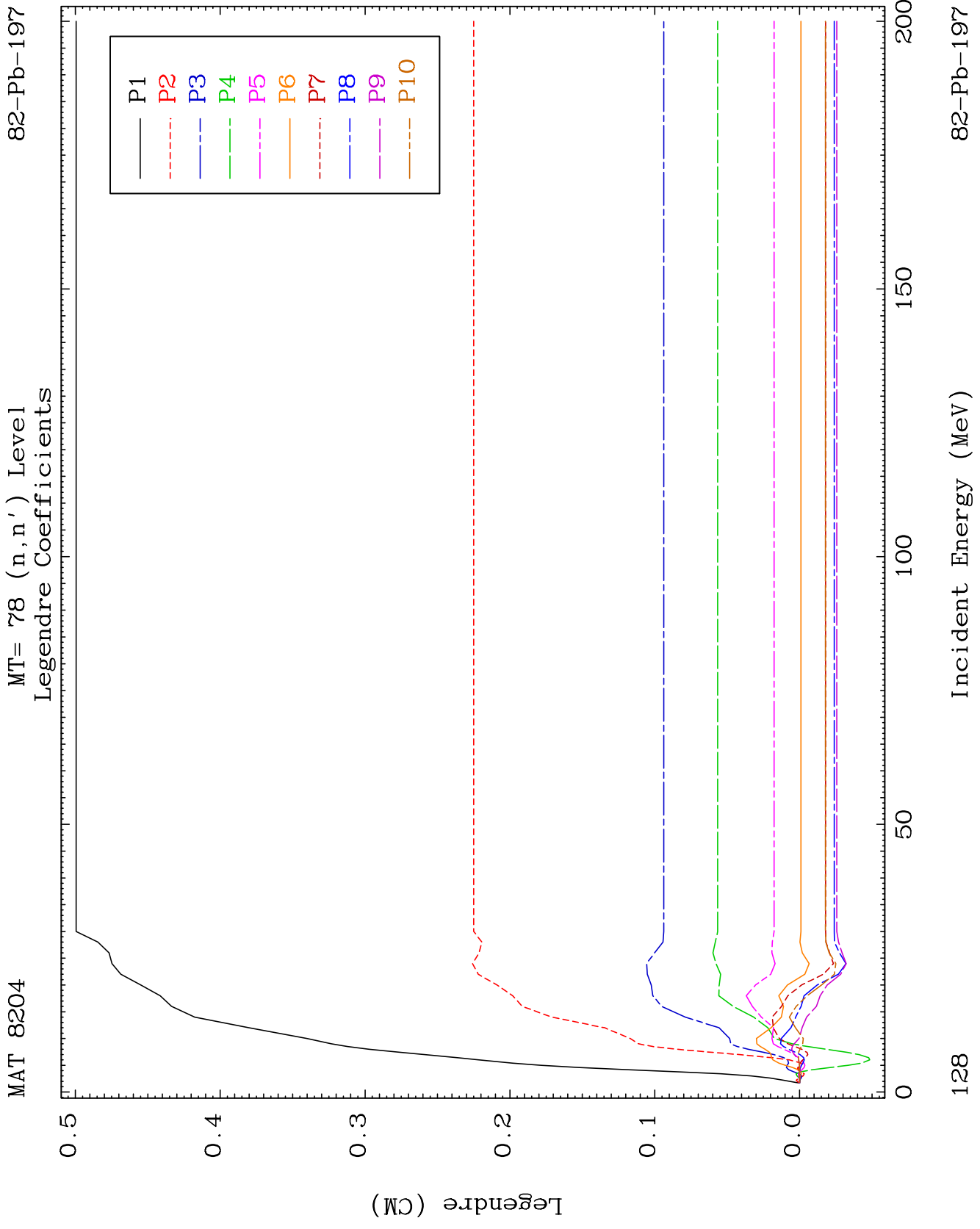
MAT 8204

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

82-Pb-197



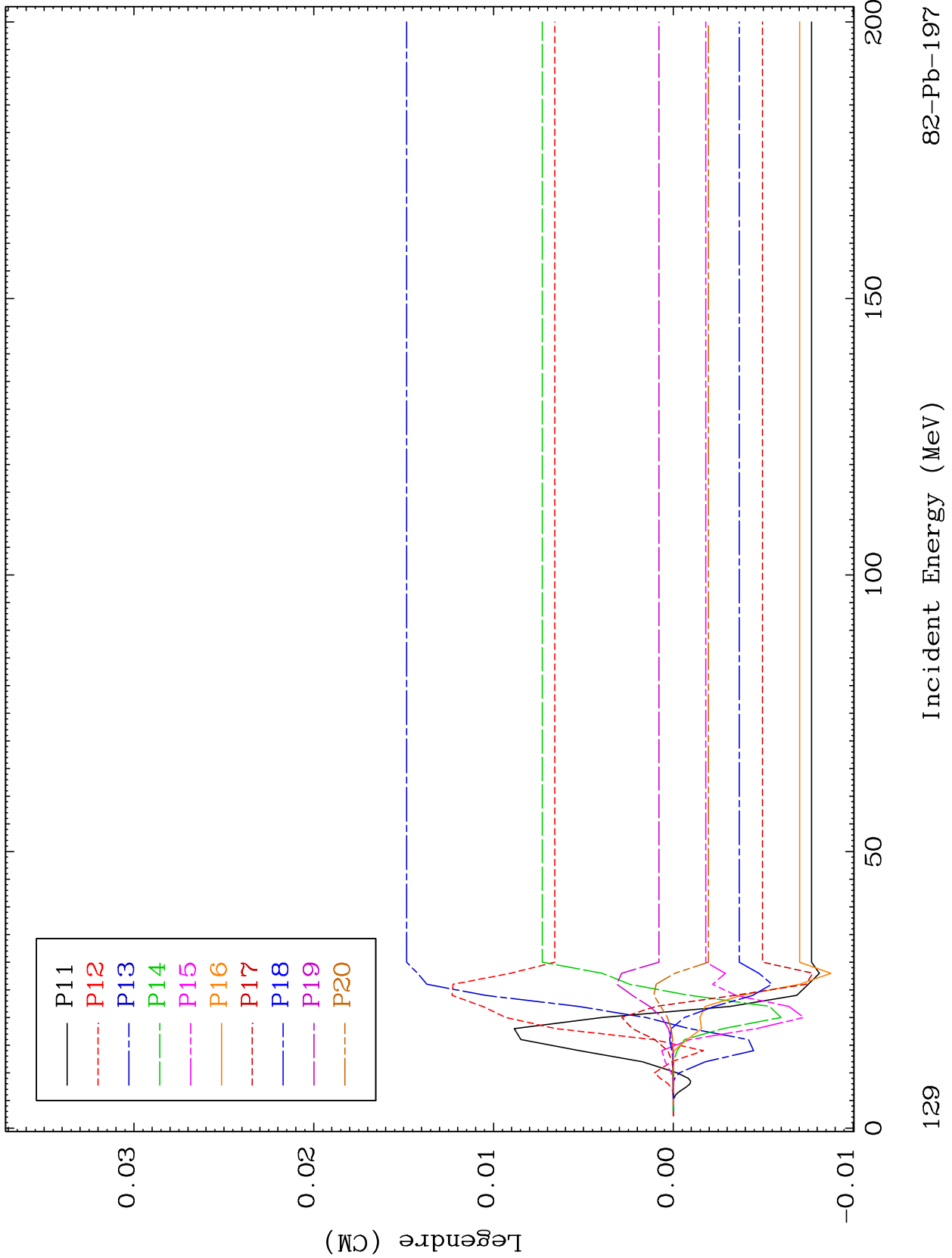




MAT 8204

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

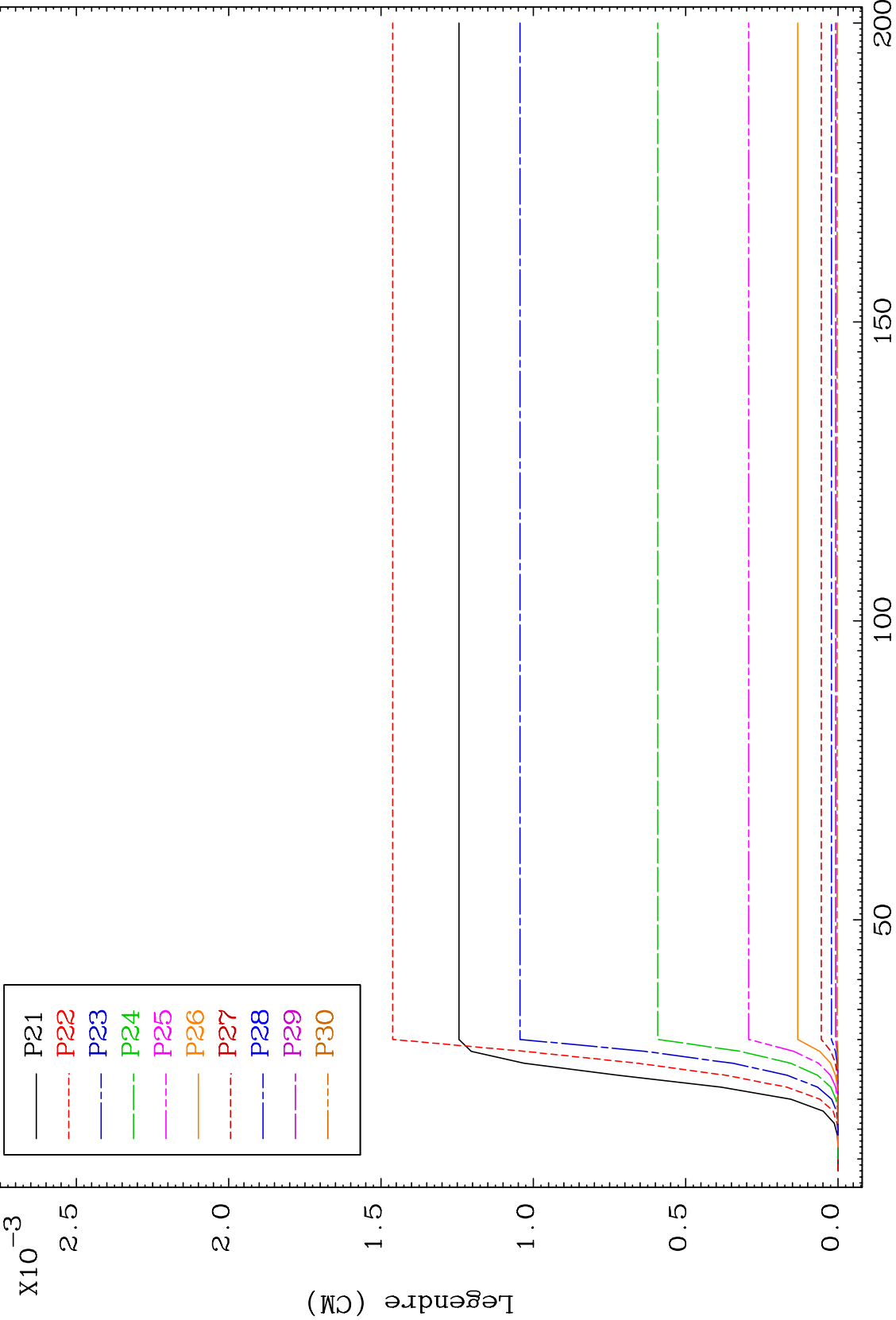
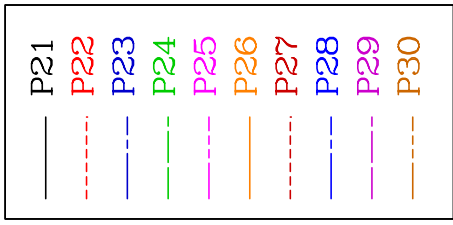
82-Pb-197



MAT 8204

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

82-Pb-197



130

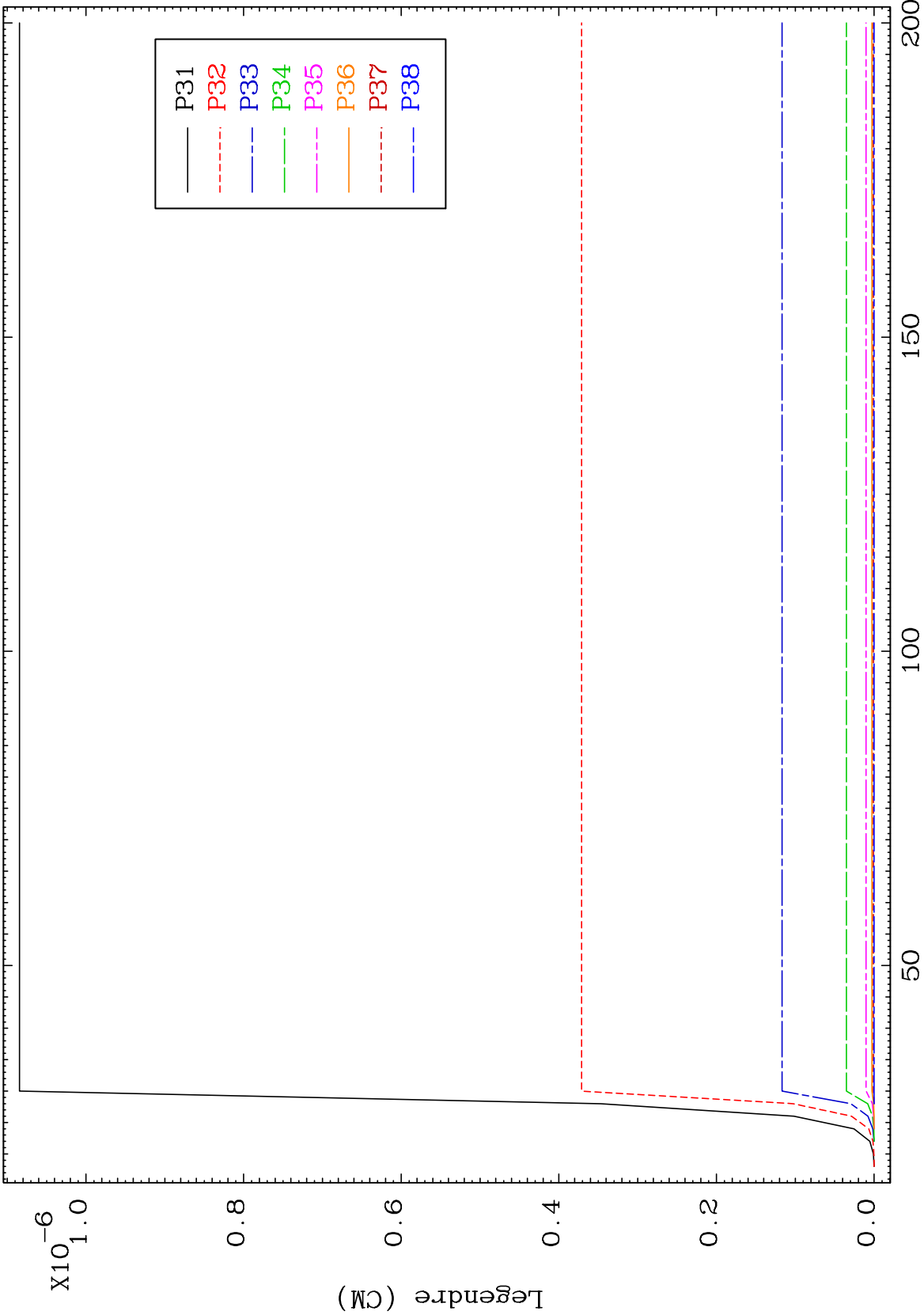
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



131

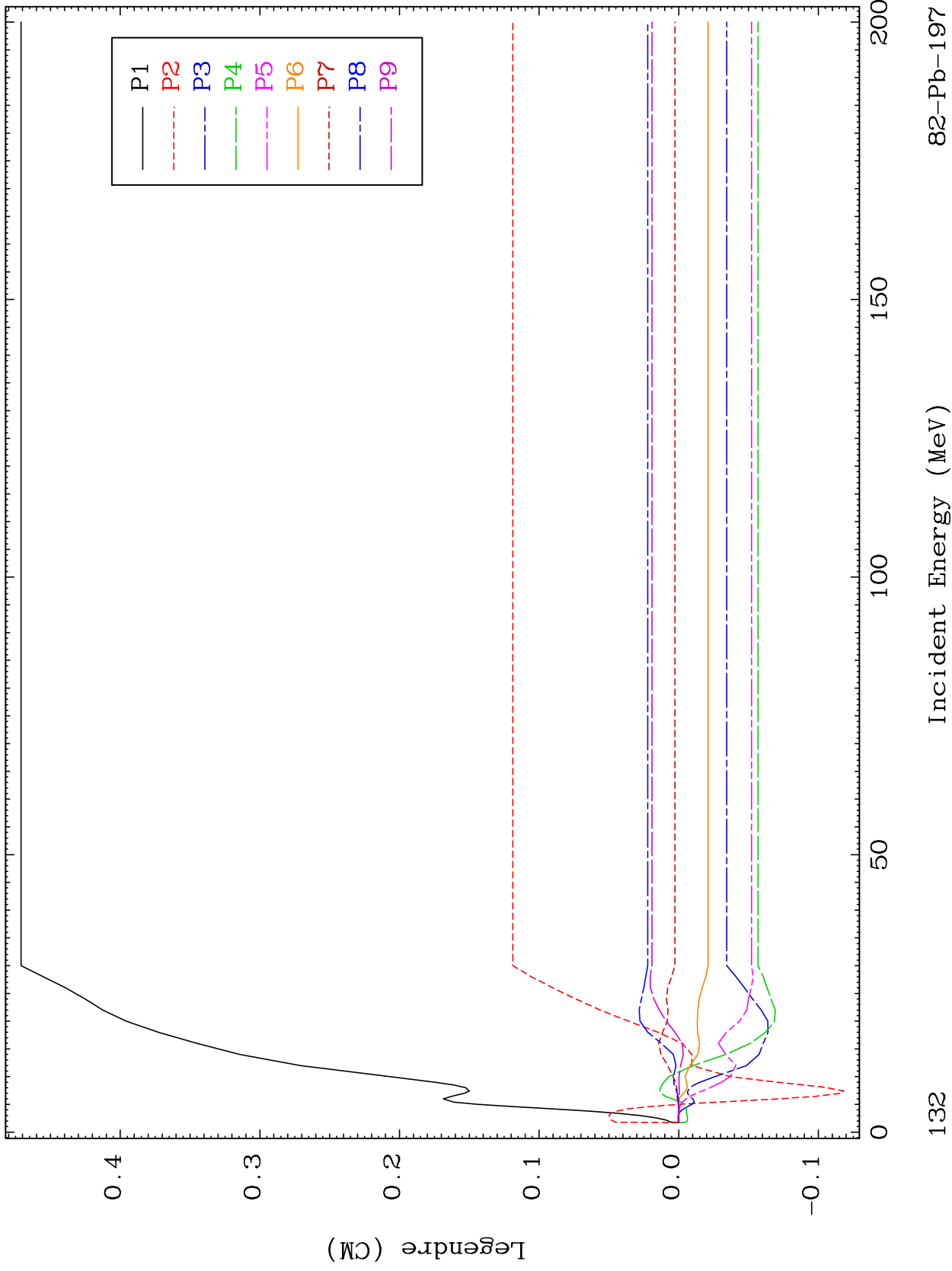
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



82-Pb-197

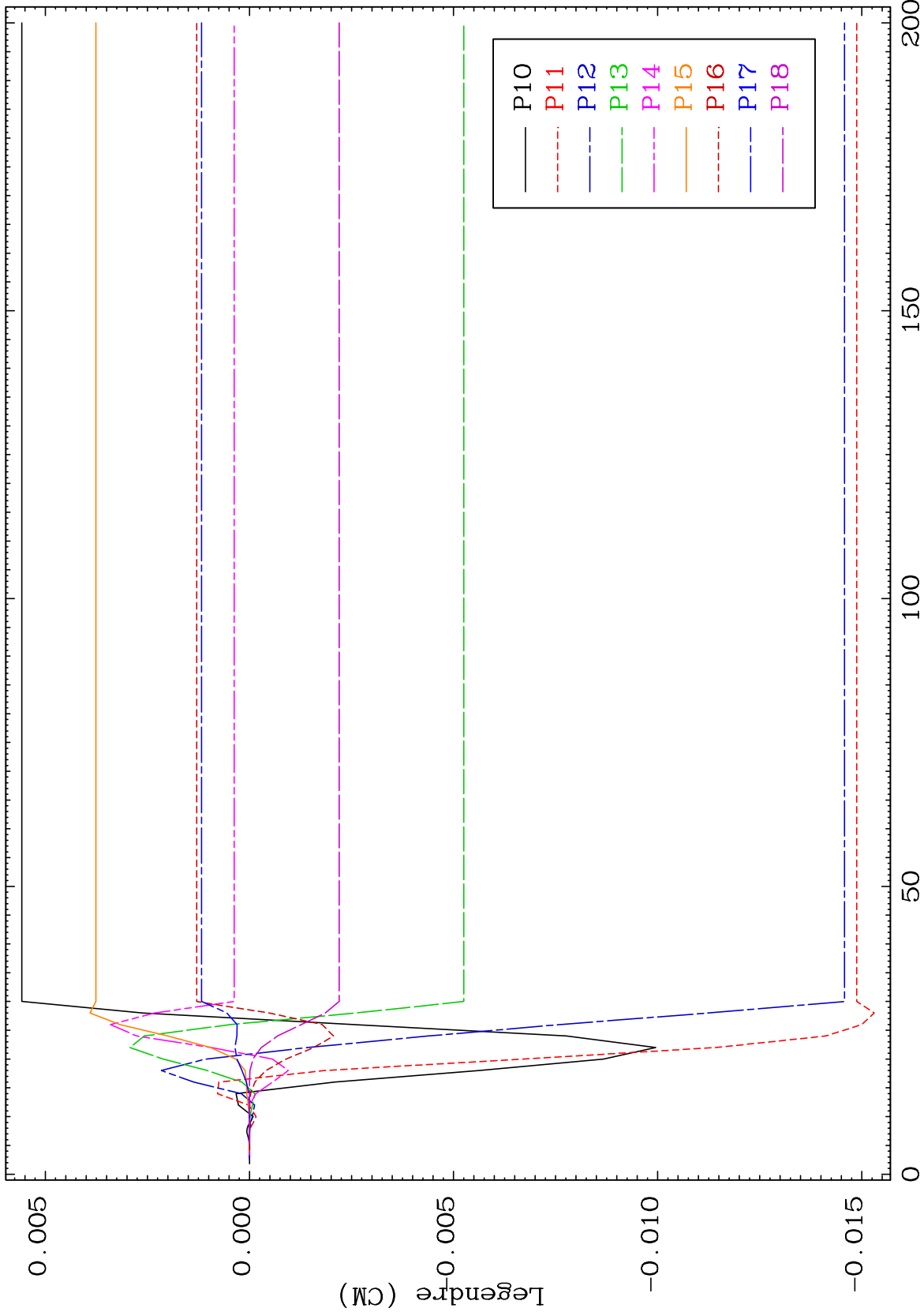
Incident Energy (MeV)

132

MAT 8204

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

82-Pb-197



133

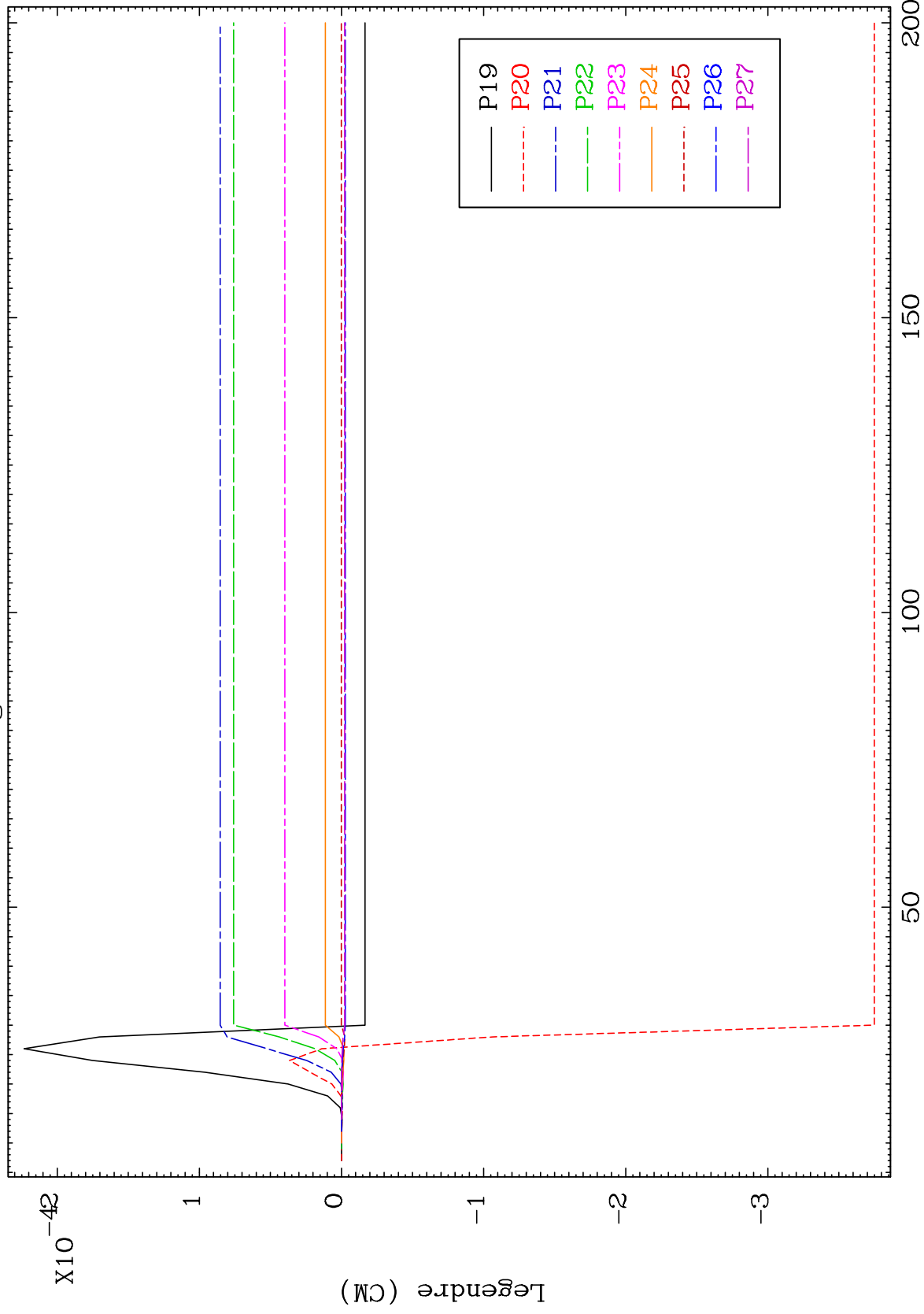
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



134

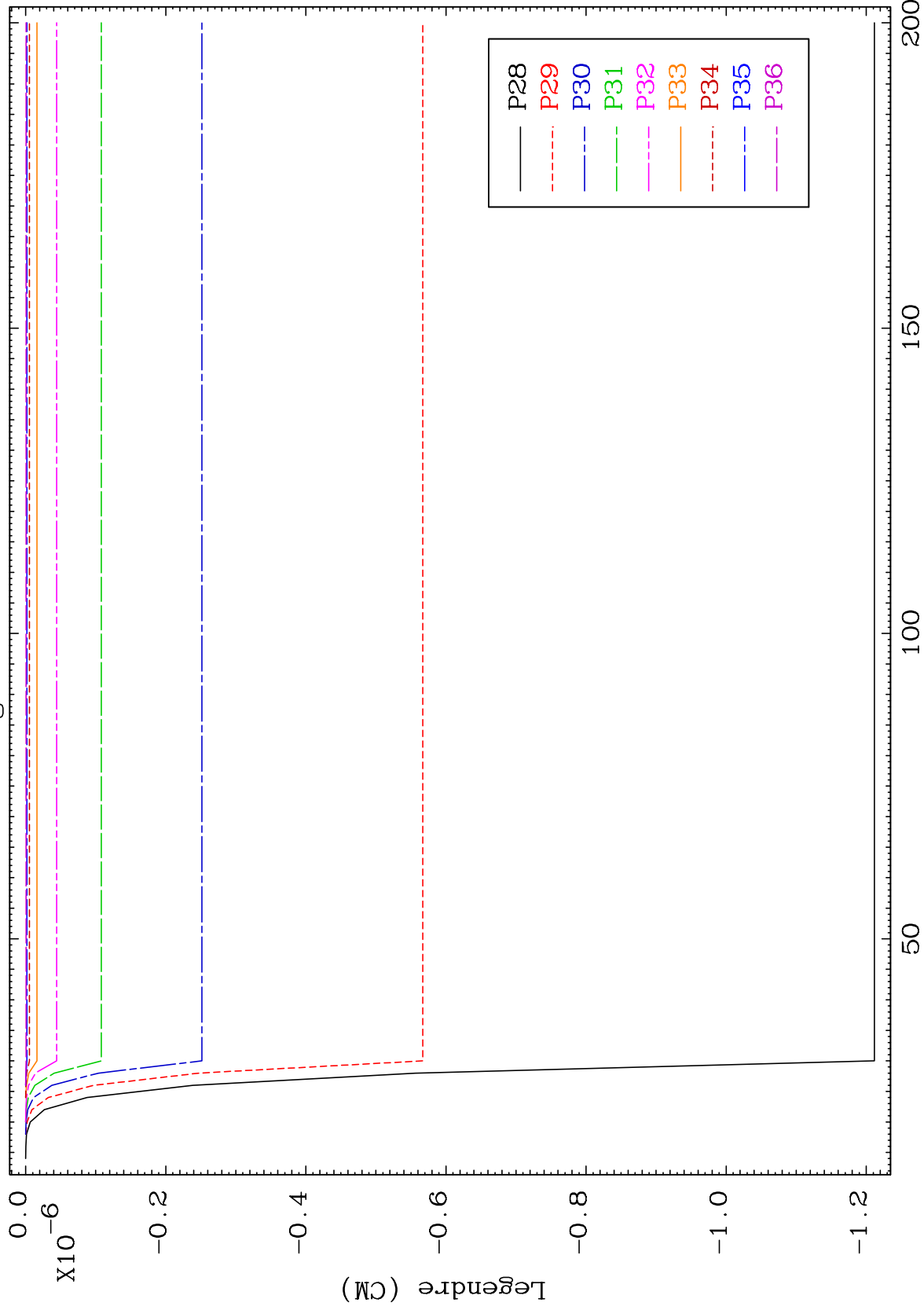
Incident Energy (MeV)

82-Pb-197

MAT 8204

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

82-Pb-197



135

Incident Energy (MeV)

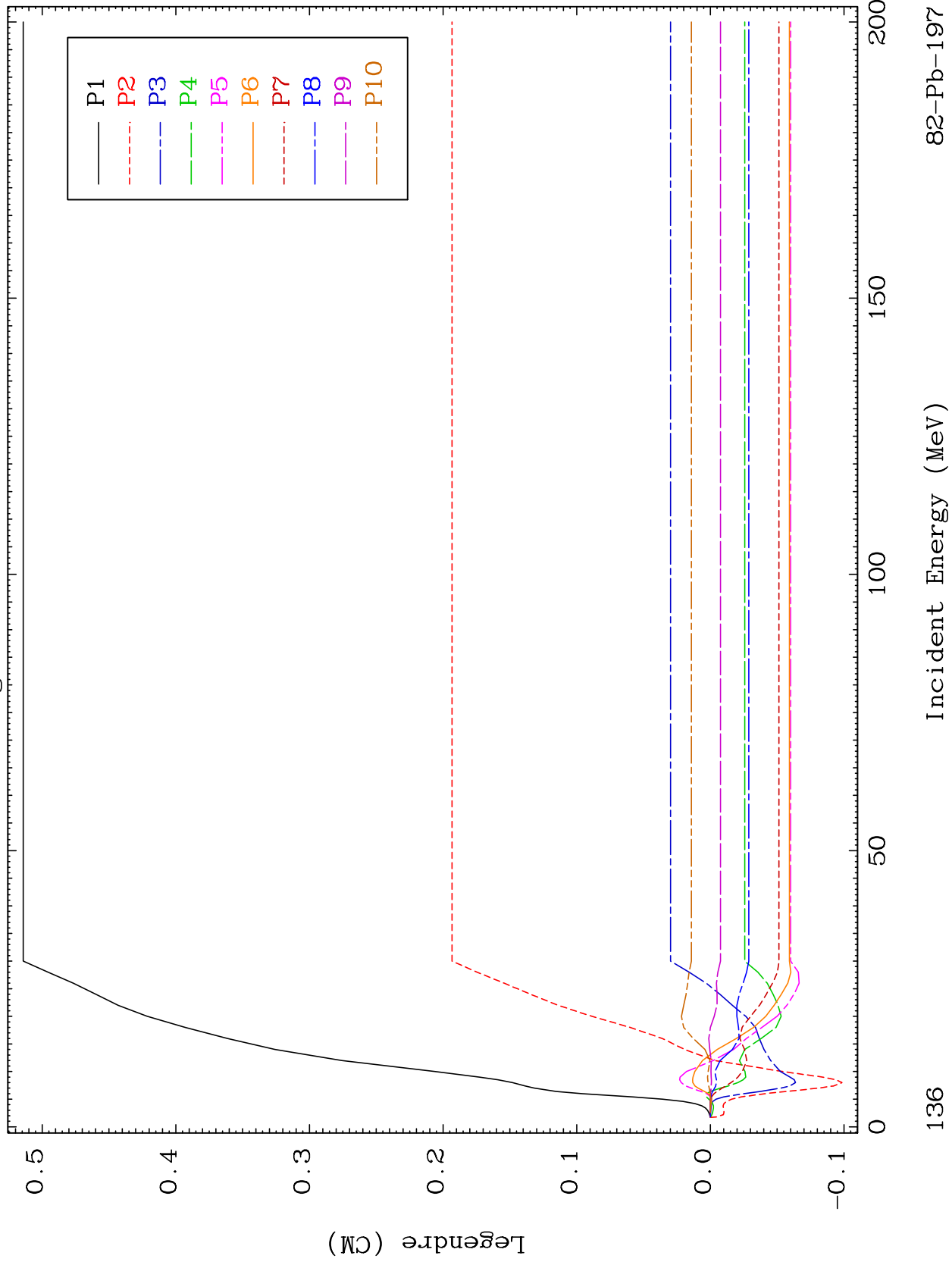
82-Pb-197



MAT 8204

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

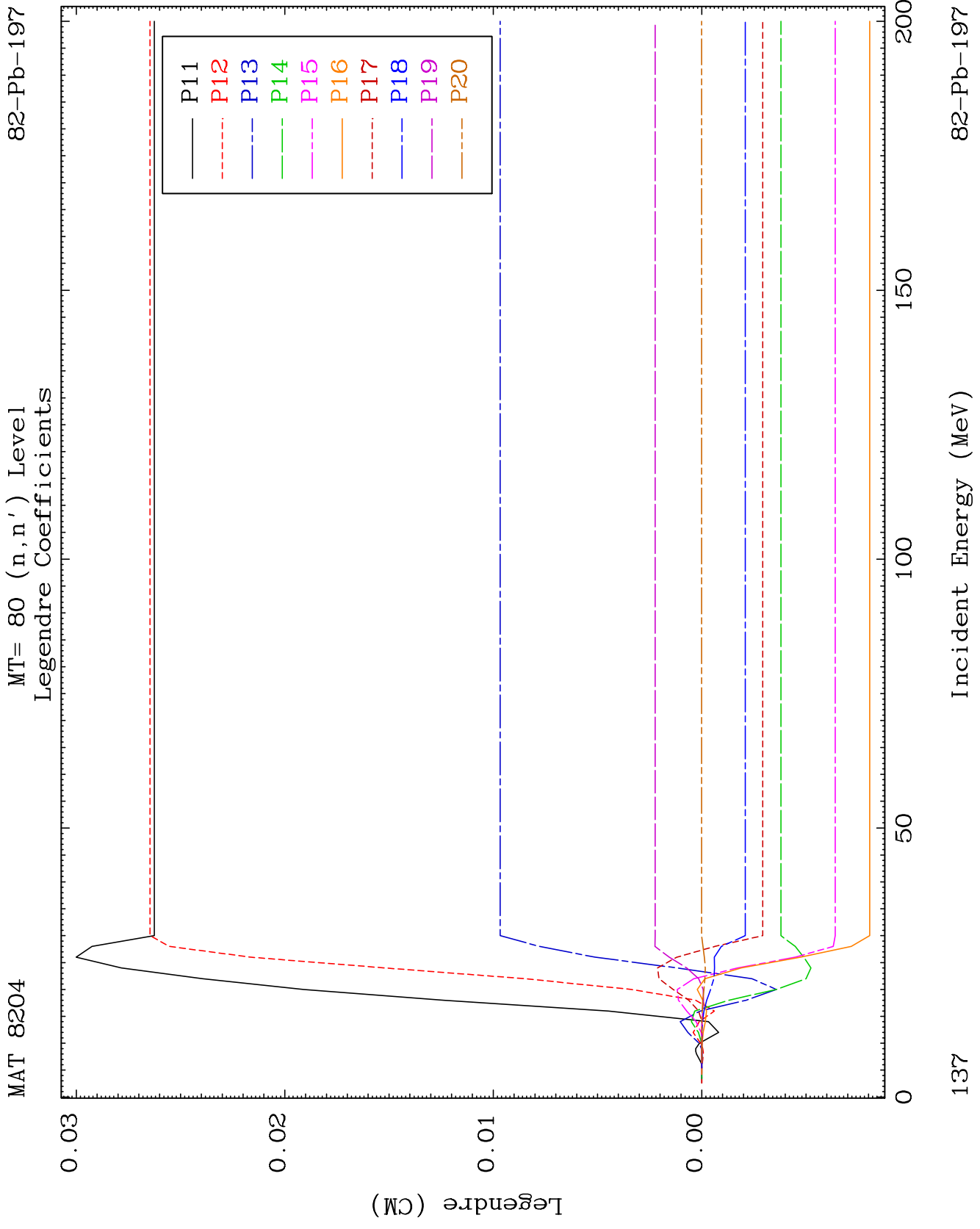
82-Pb-197



82-Pb-197

Incident Energy (MeV)

136



82-Pb-197

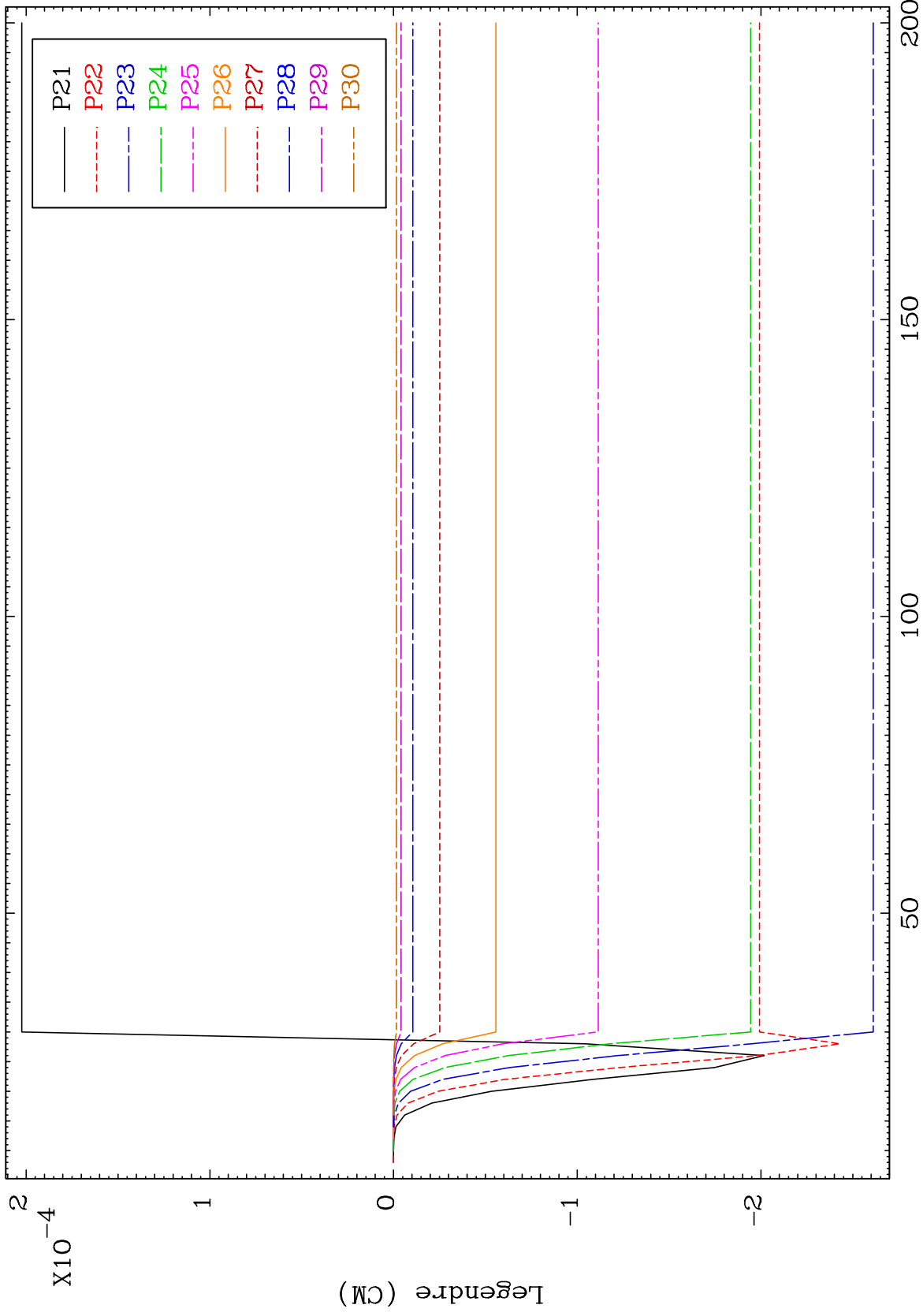
Incident Energy (MeV)

137

MAT 8204

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

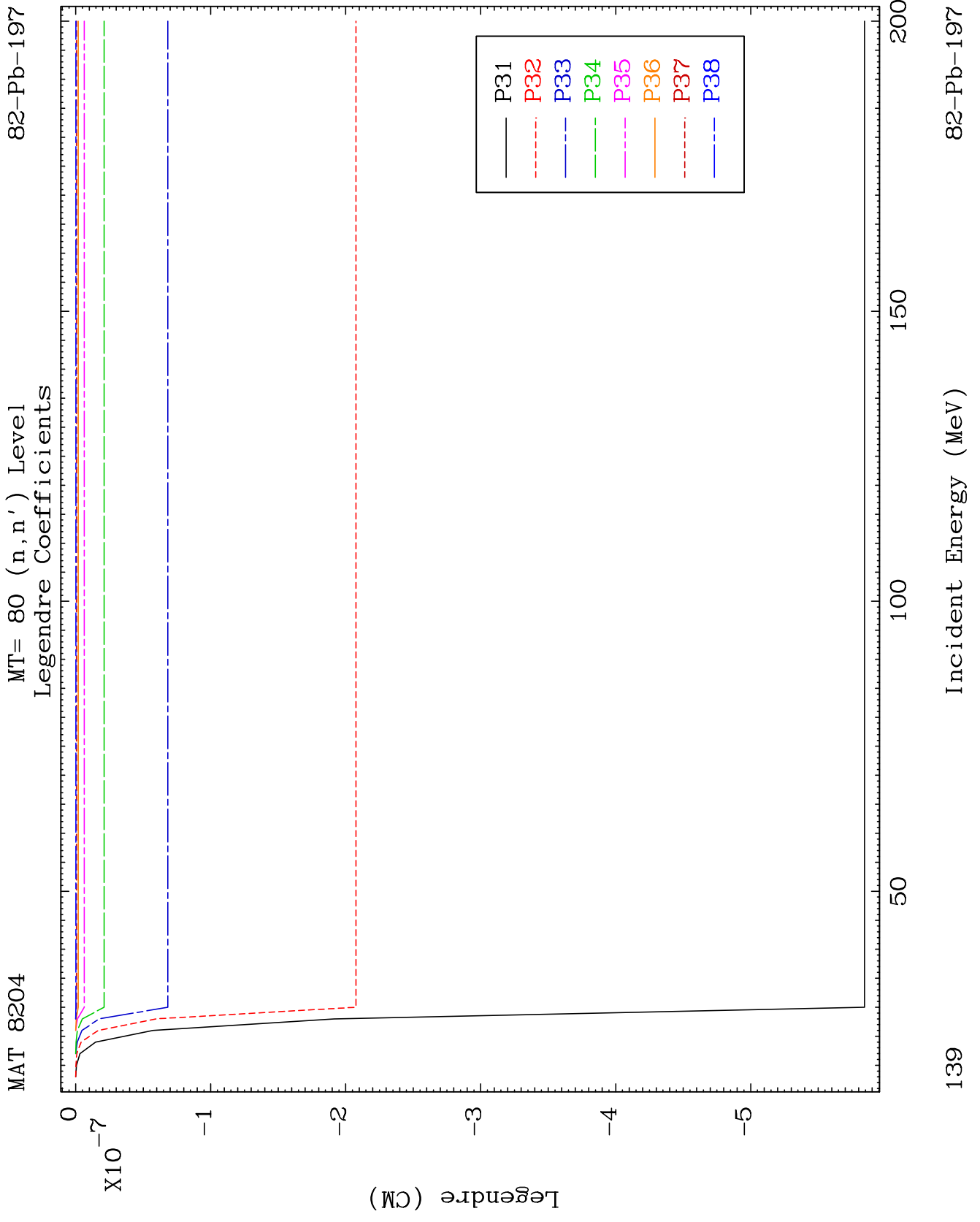
82-Pb-197



138

Incident Energy (MeV)

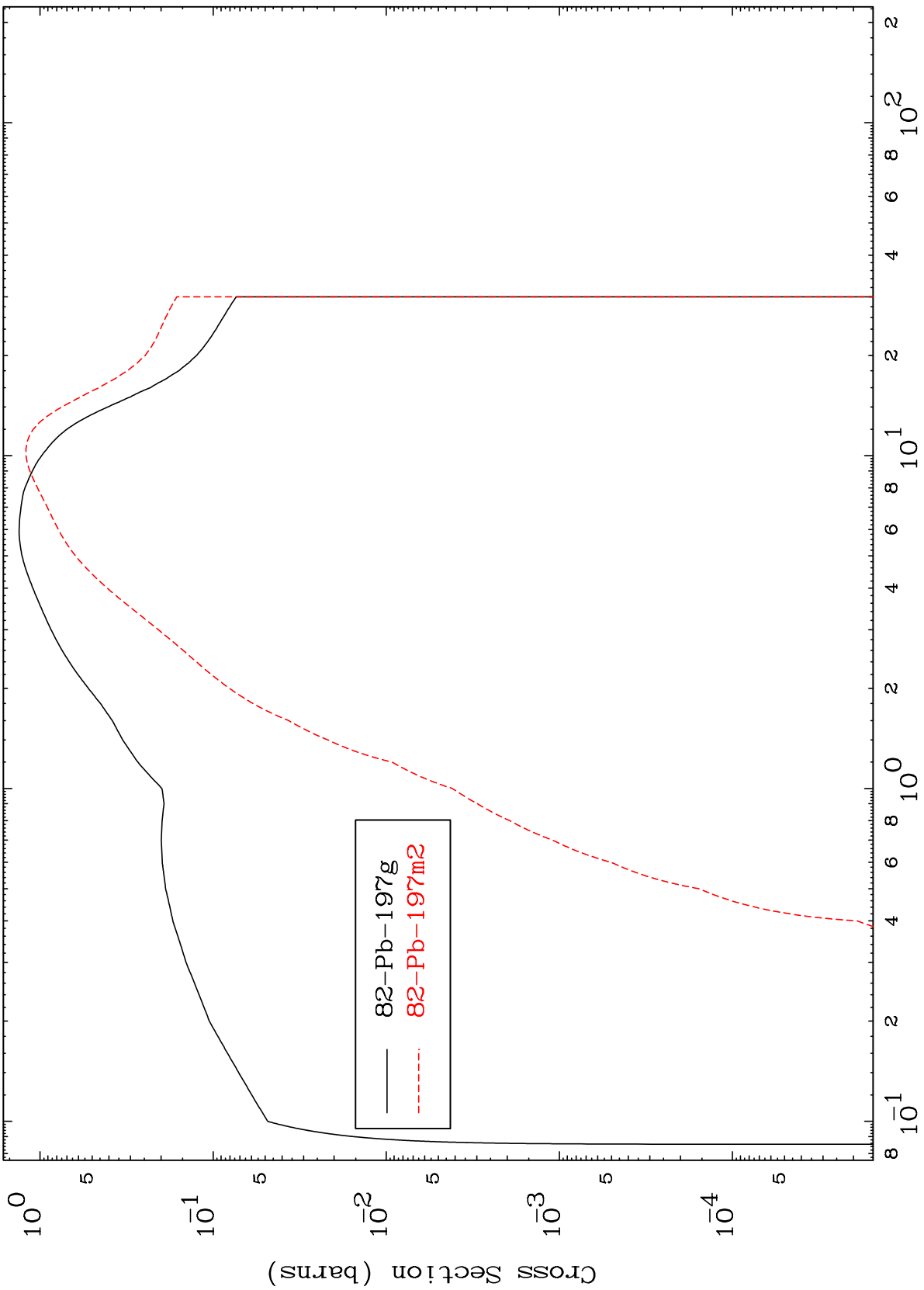
82-Pb-197



MAT 8204

82-Pb-197

Inelastic  
Radionuclide Production Cross Section



82-Pb-197

Incident Energy (MeV)

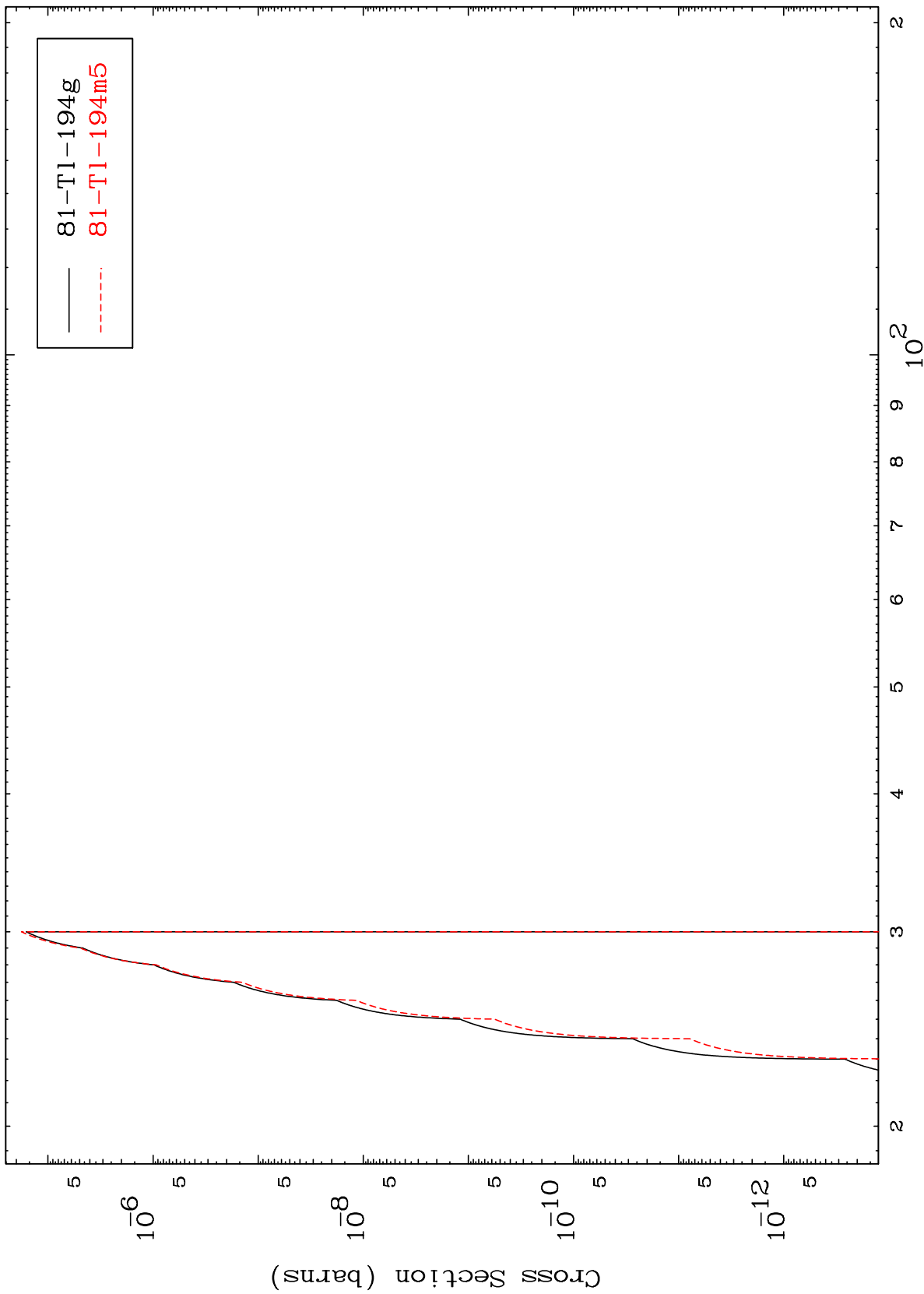
140

MAT 8204

(n,2n) d

82-Pb-197

Radionuclide Production Cross Section



141

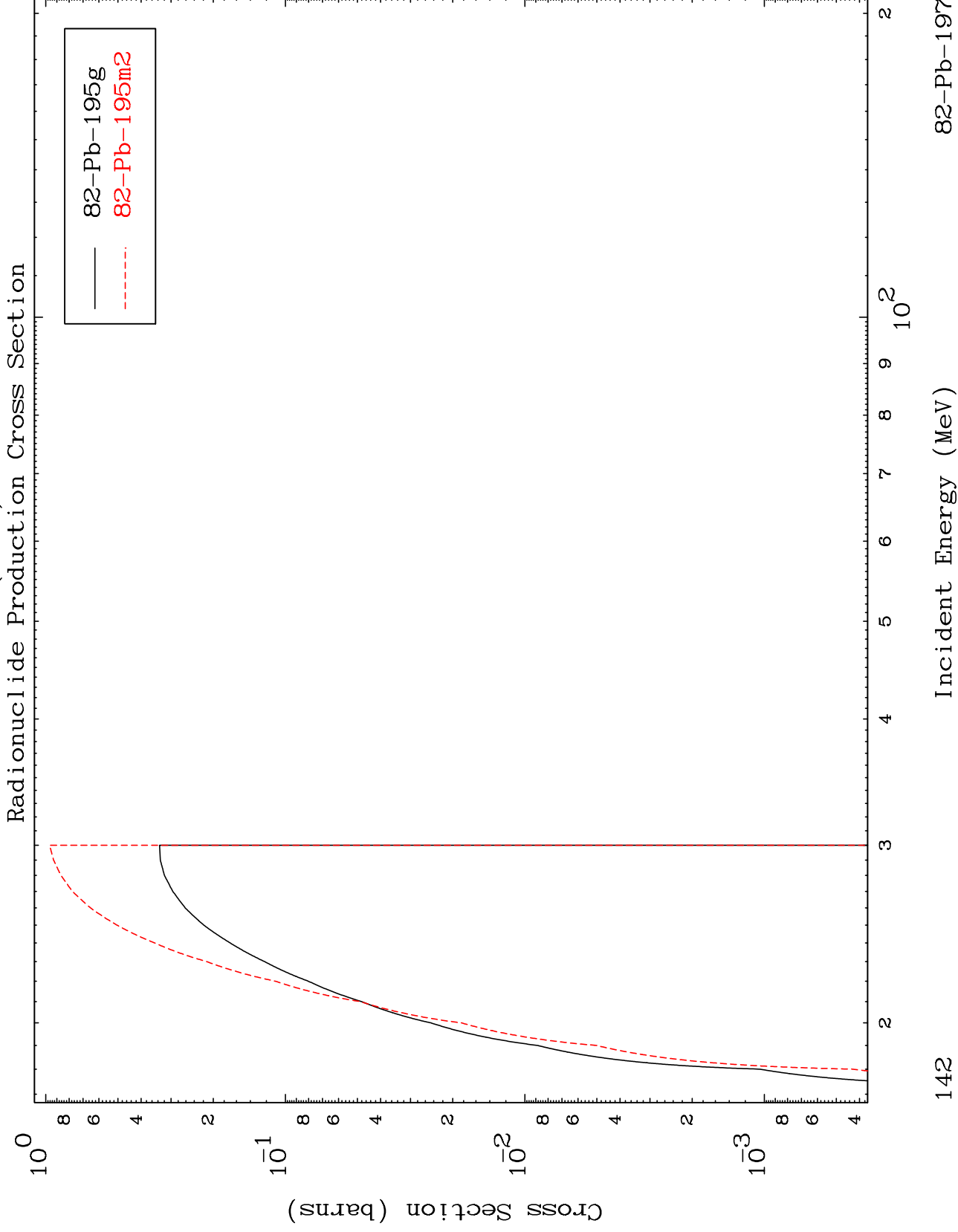
Incident Energy (MeV)

82-Pb-197

MAT 8204

(n,3n)

82-Pb-197



142

Incident Energy (MeV)

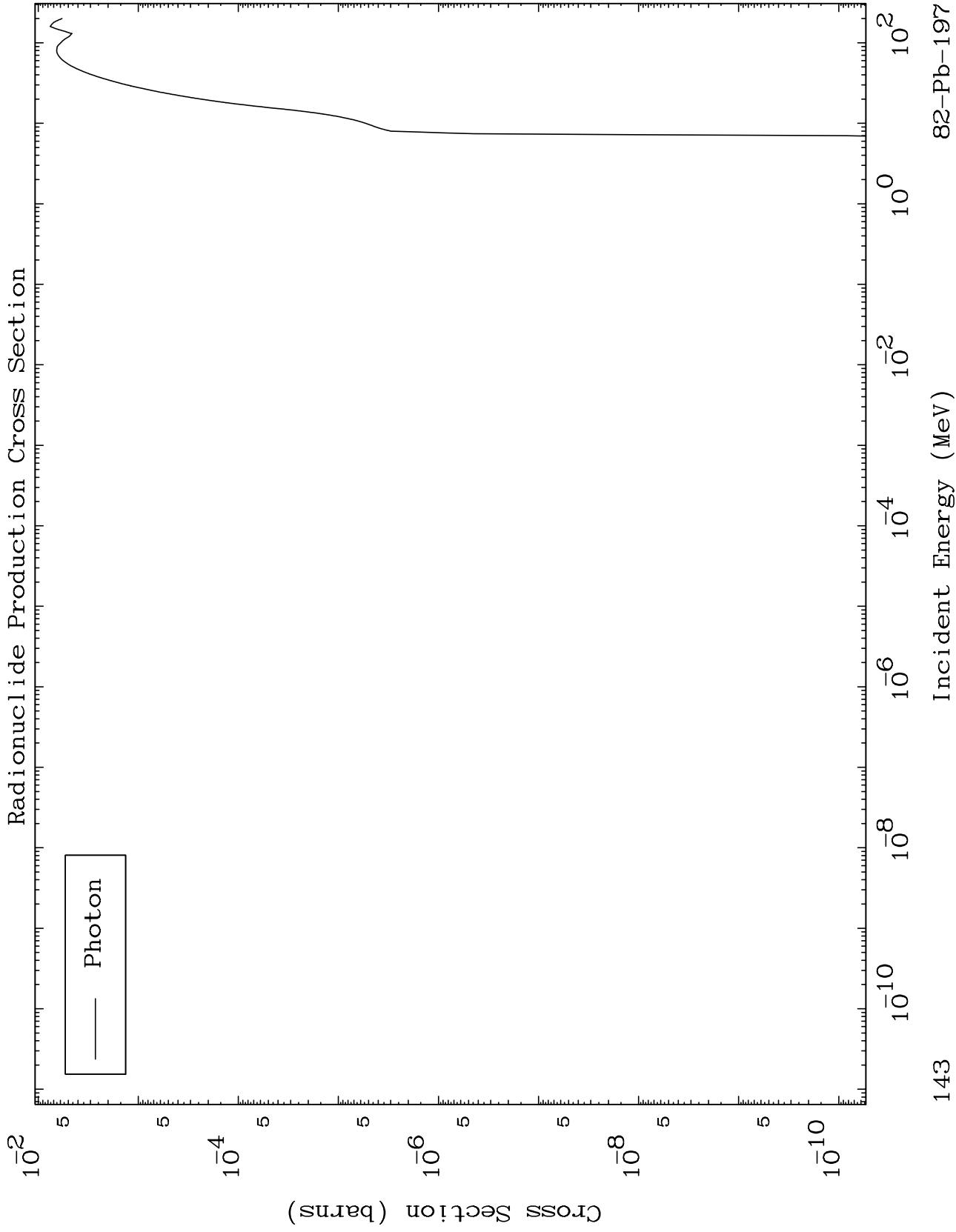
82-Pb-197

MAT 8204

Fission

82-Pb-197

Radionuclide Production Cross Section



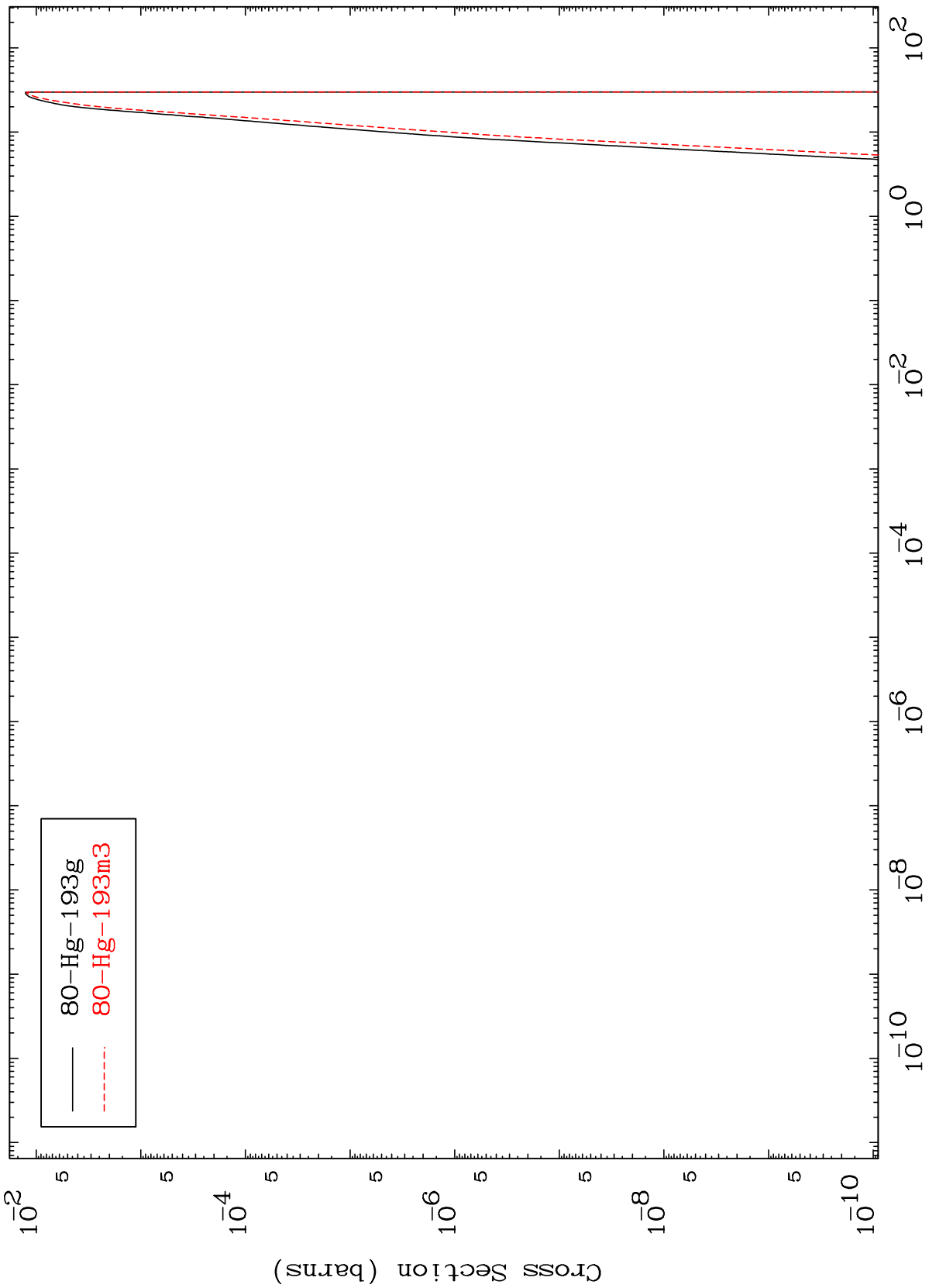


MAT 8204

$(n, n') \alpha$

82-Pb-197

Radionuclide Production Cross Section

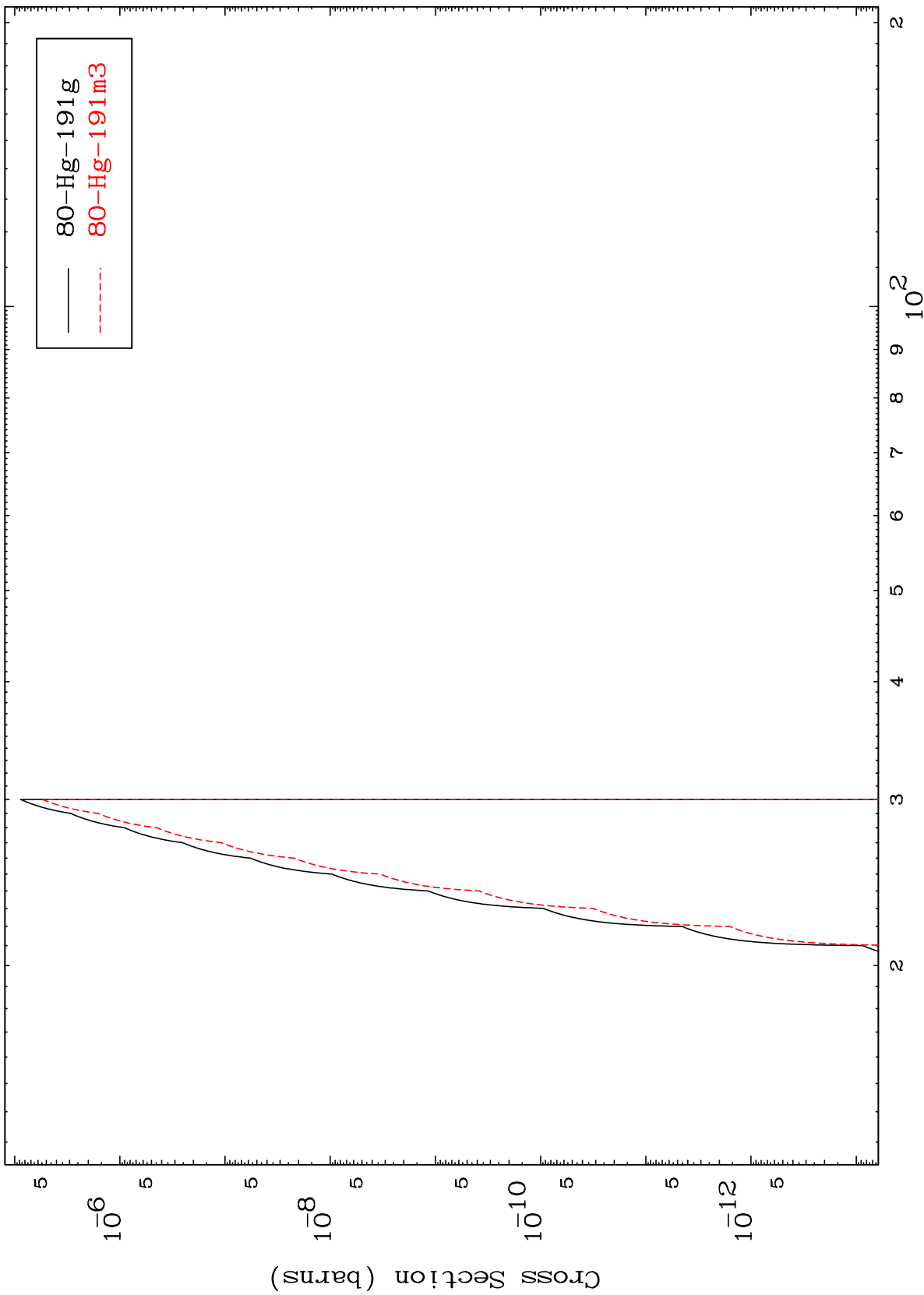


MAT 8204

(n,3n)  $\alpha$

82-Pb-197

Radionuclide Production Cross Section



145

Incident Energy (MeV)

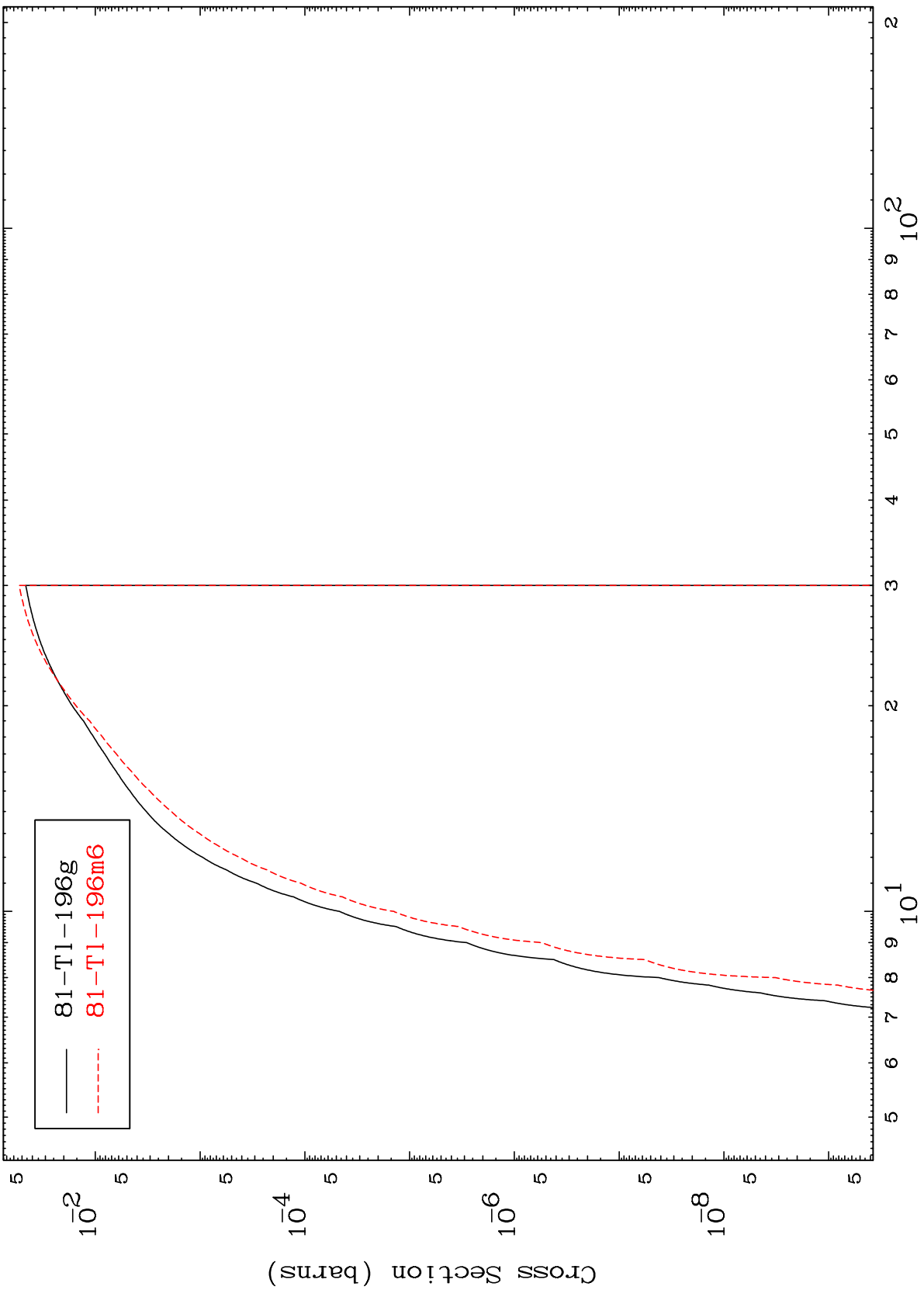
82-Pb-197

MAT 8204

(n,n') p

82-Pb-197

Radionuclide Production Cross Section



81-Tl-196g  
81-Tl-196m6

146

Incident Energy (MeV)

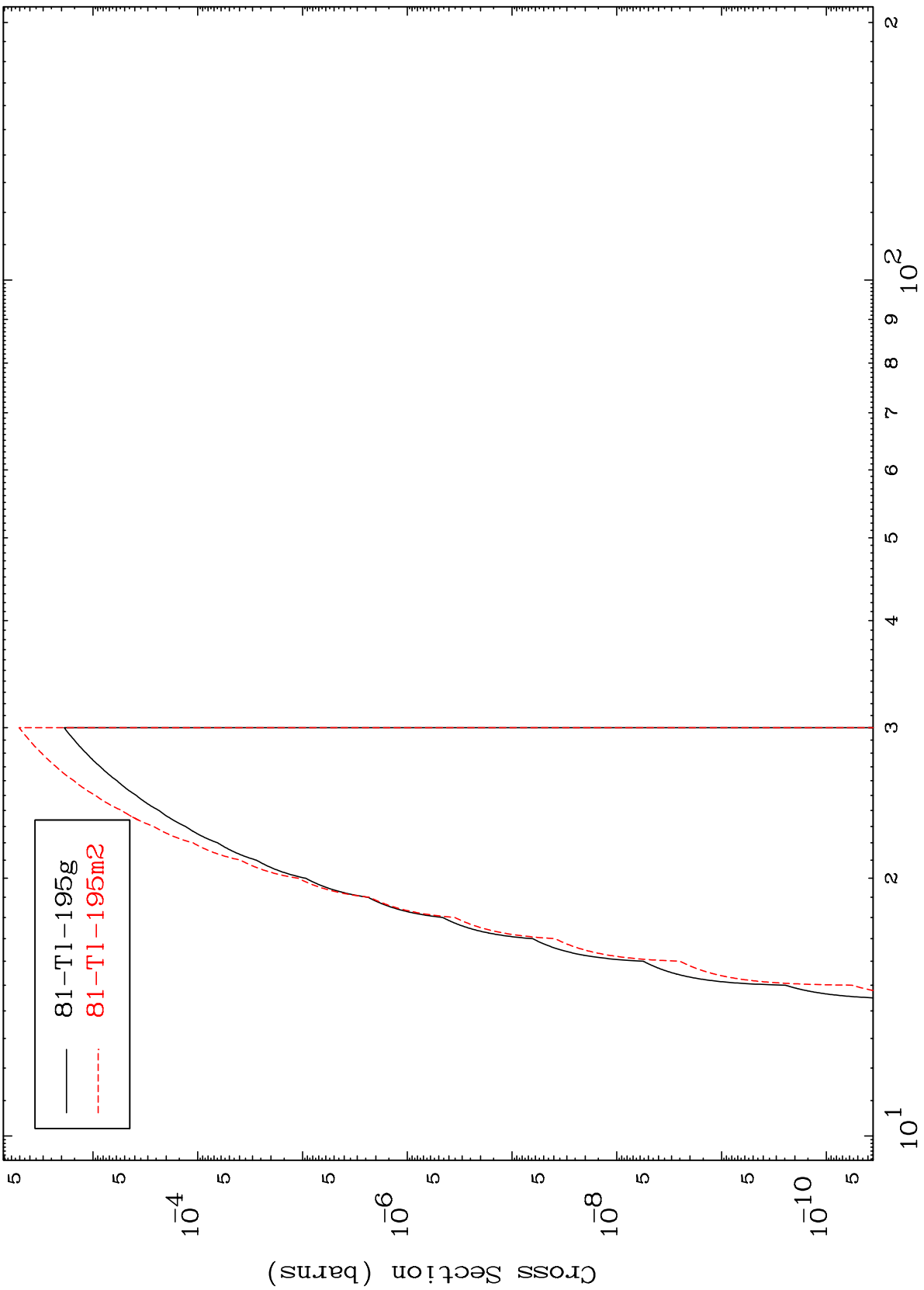
82-Pb-197

MAT 8204

(n,n') d

82-Pb-197

Radionuclide Production Cross Section

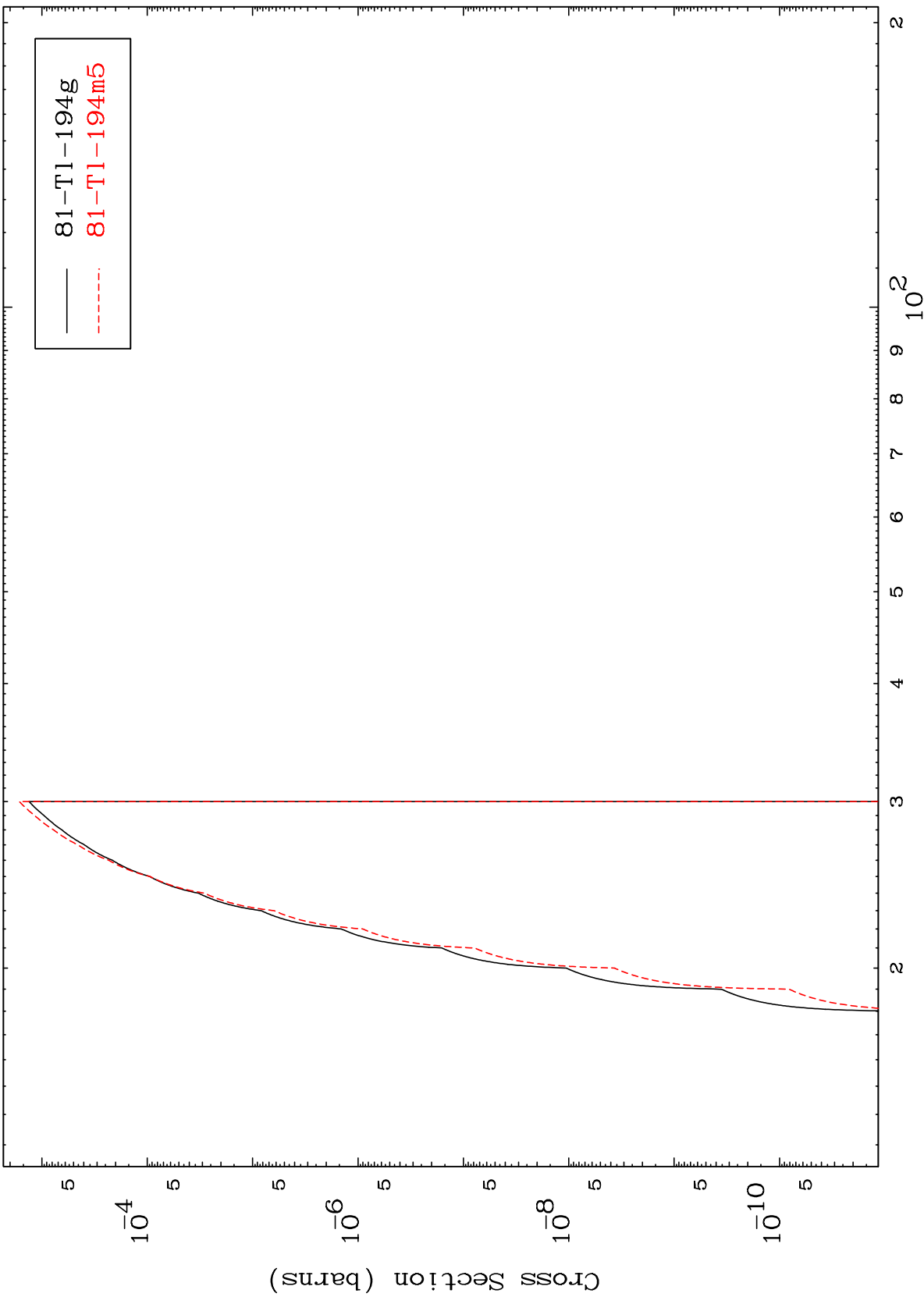


147

Incident Energy (MeV)

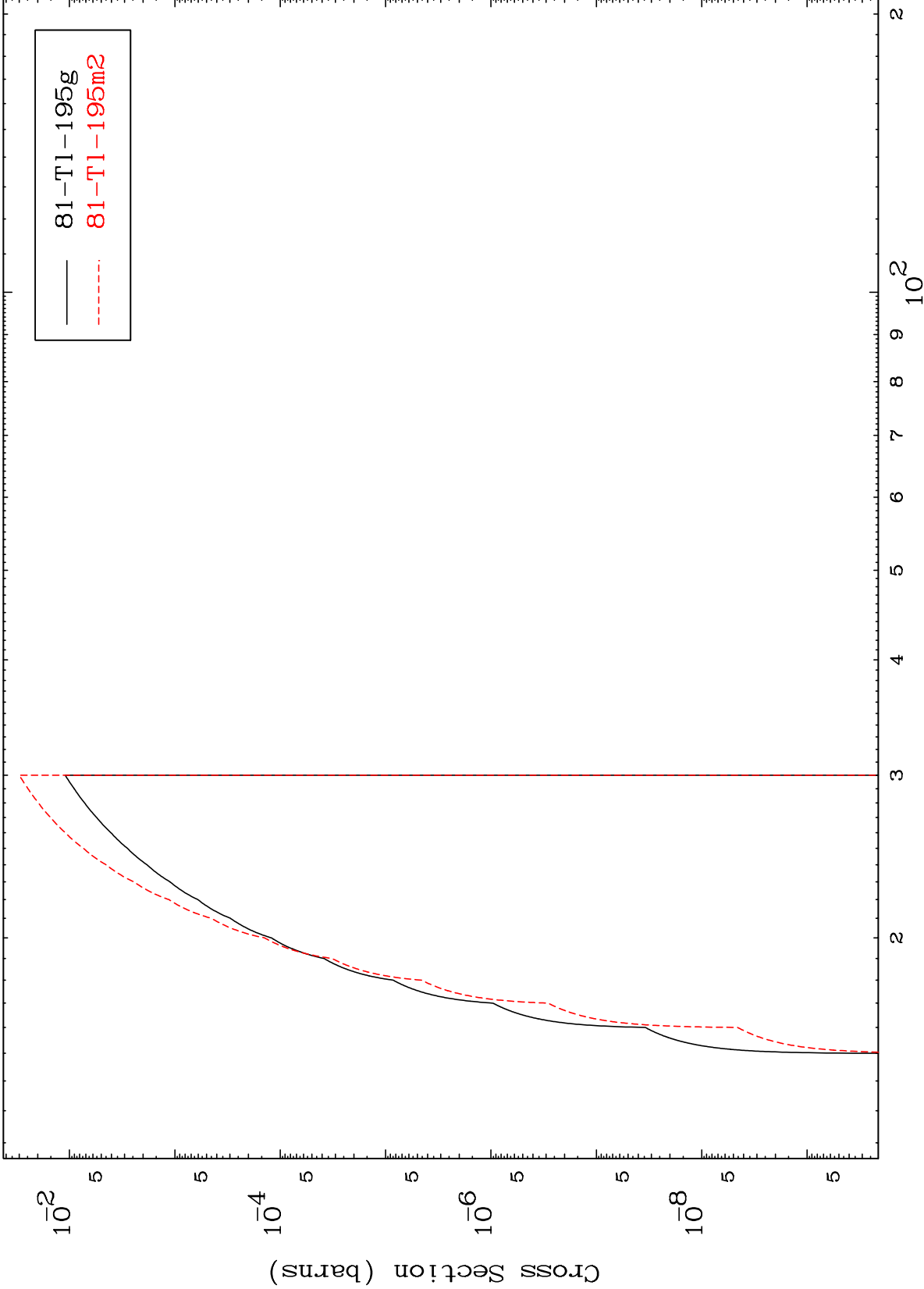
82-Pb-197

Radionuclide Production Cross Section



81-Tl-194g  
81-Tl-194m5

Radionuclide Production Cross Section

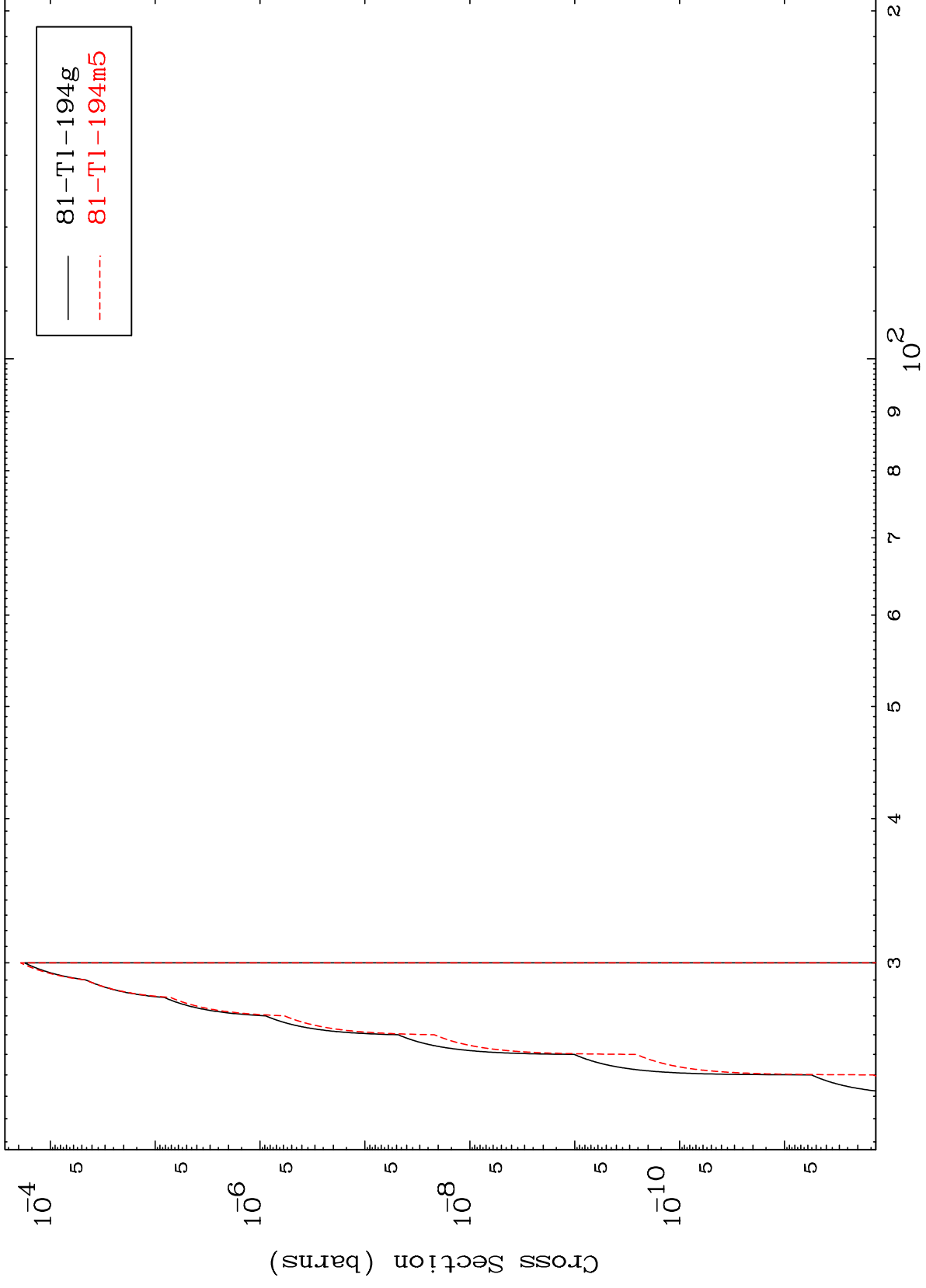


MAT 8204

(n,3n) p

82-Pb-197

Radionuclide Production Cross Section



150

Incident Energy (MeV)

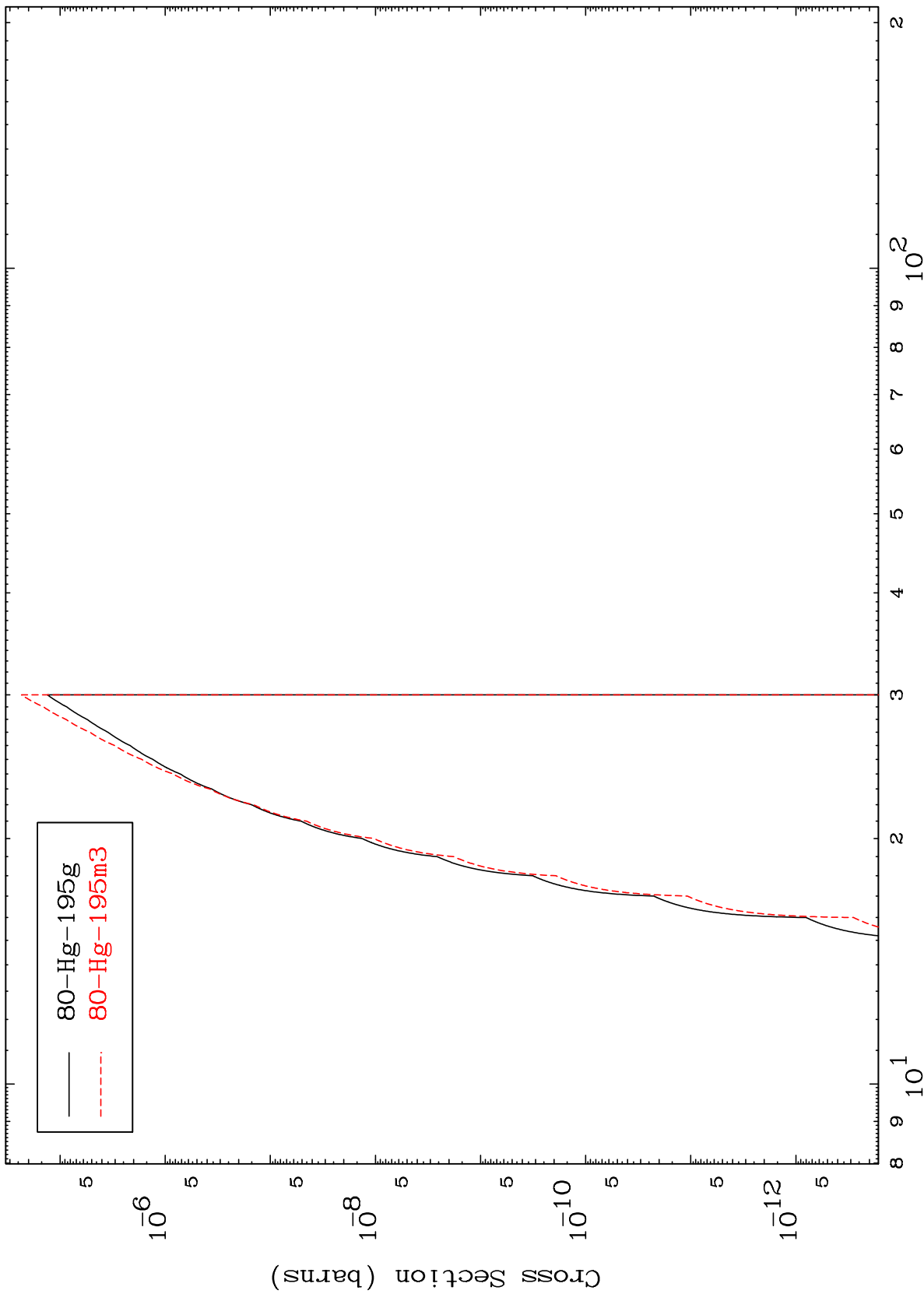
82-Pb-197

MAT 8204

(n,2n) p

82-Pb-197

Radionuclide Production Cross Section



80-Hg-195g  
80-Hg-195m3

151

Incident Energy (MeV)

82-Pb-197

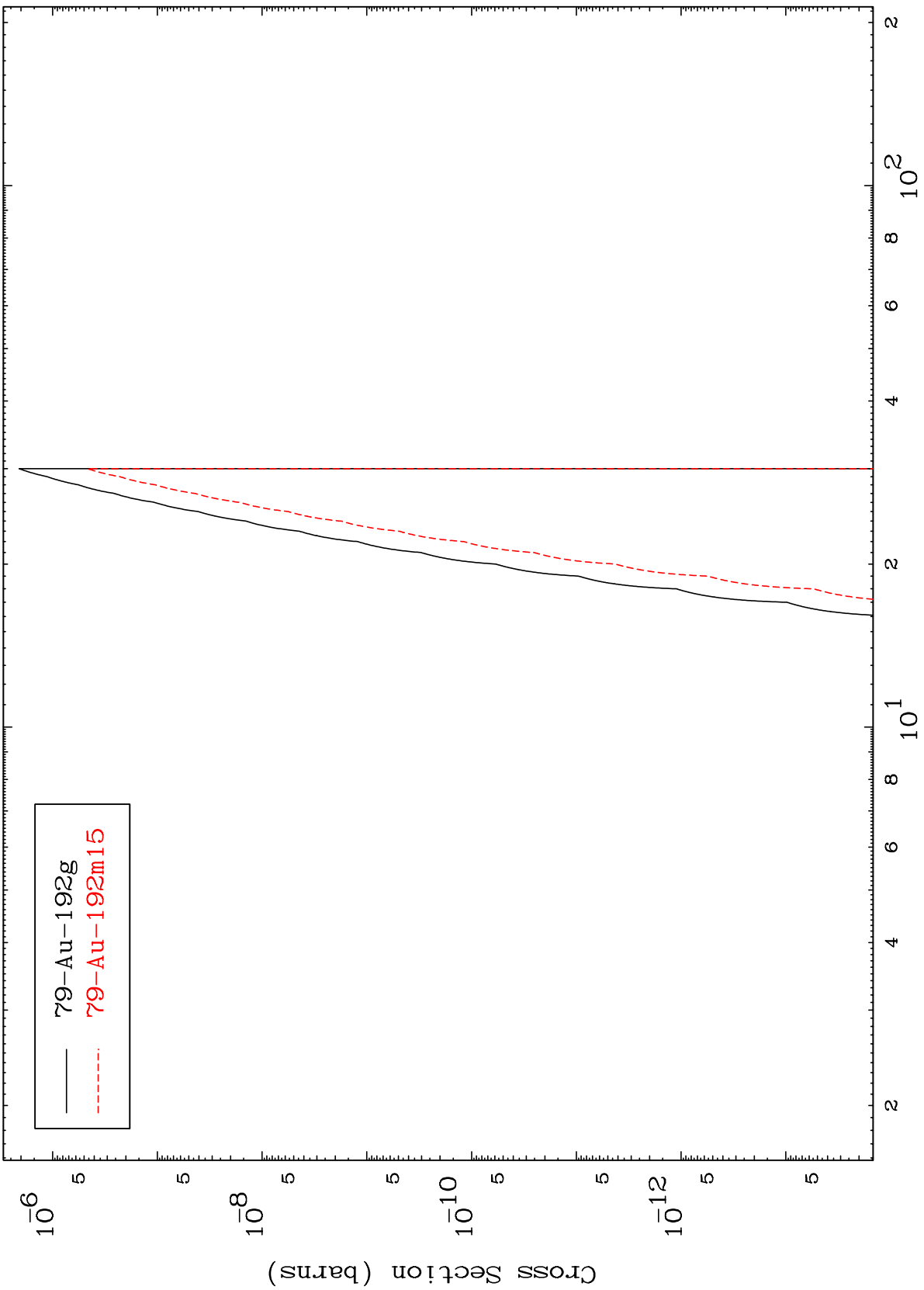


MAT 8204

(n,n') p  $\alpha$

82-Pb-197

Radionuclide Production Cross Section



152

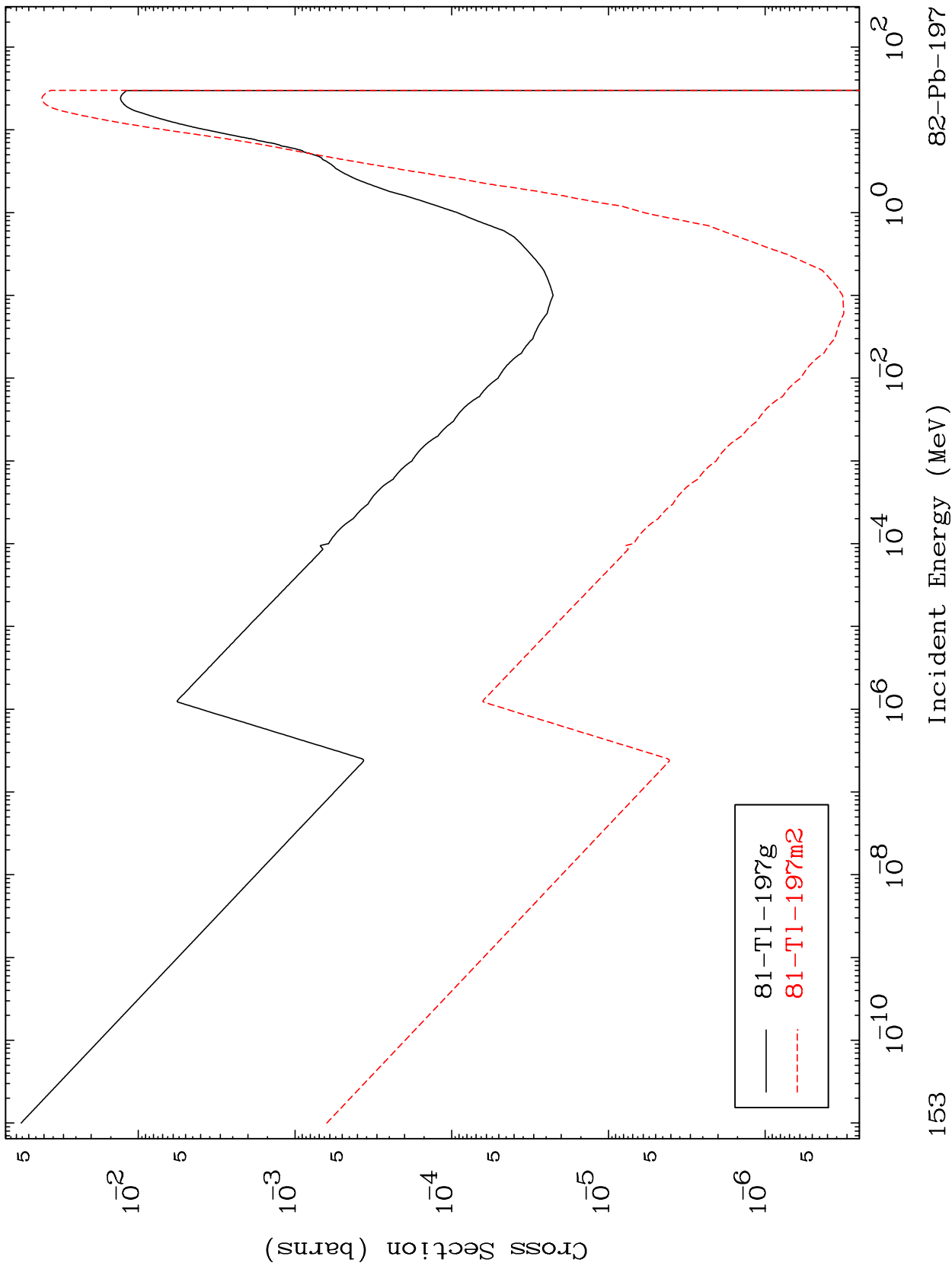
Incident Energy (MeV)

82-Pb-197

MAT 8204

82-Pb-197

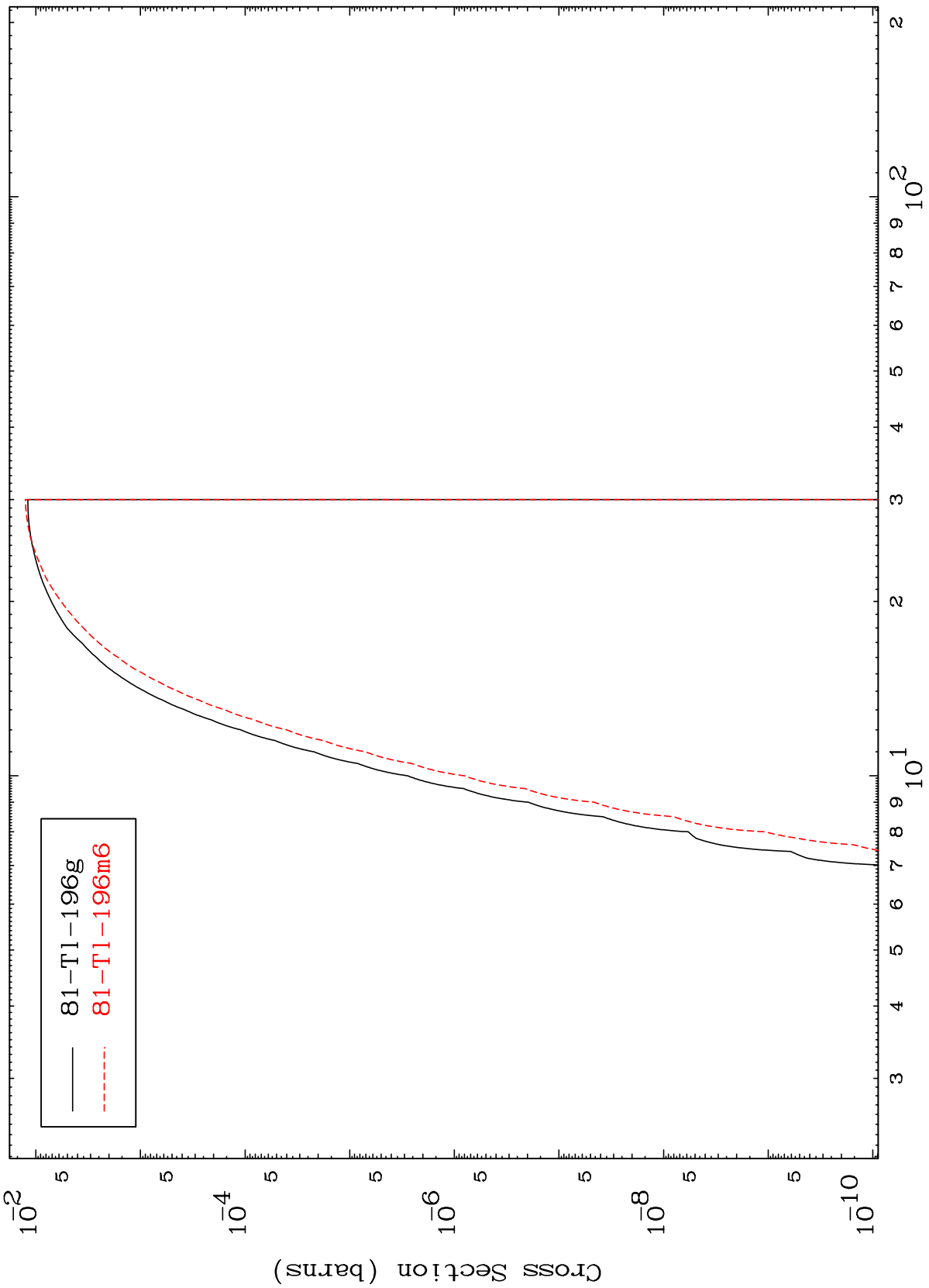
(n,p)  
Radionuclide Production Cross Section



MAT 8204

82-Pb-197

(n,d)  
Radionuclide Production Cross Section



154

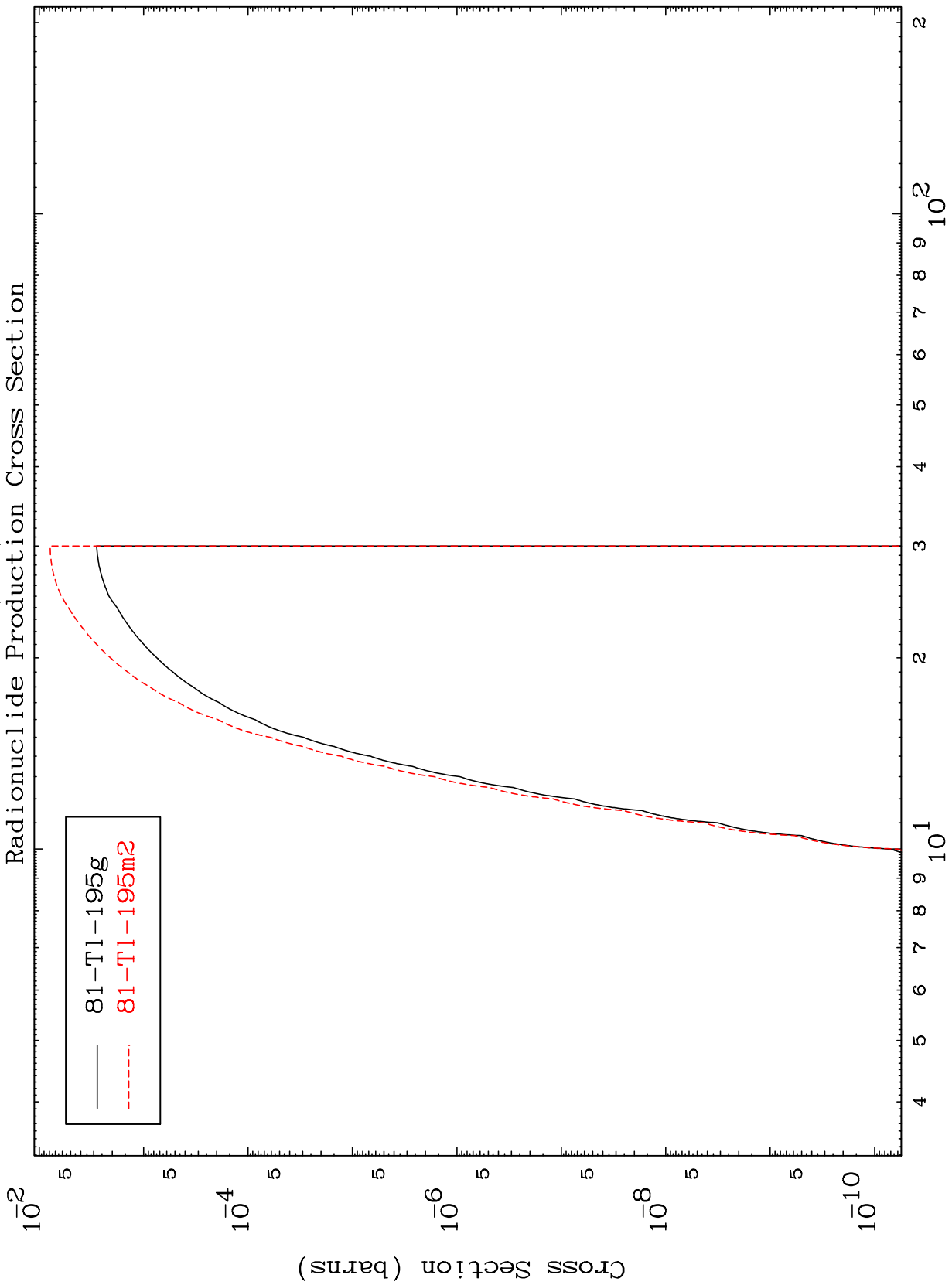
Incident Energy (MeV)

82-Pb-197

MAT 8204

82-Pb-197

Radionuclide Production Cross Section  
(n, t)



82-Pb-197

Incident Energy (MeV)

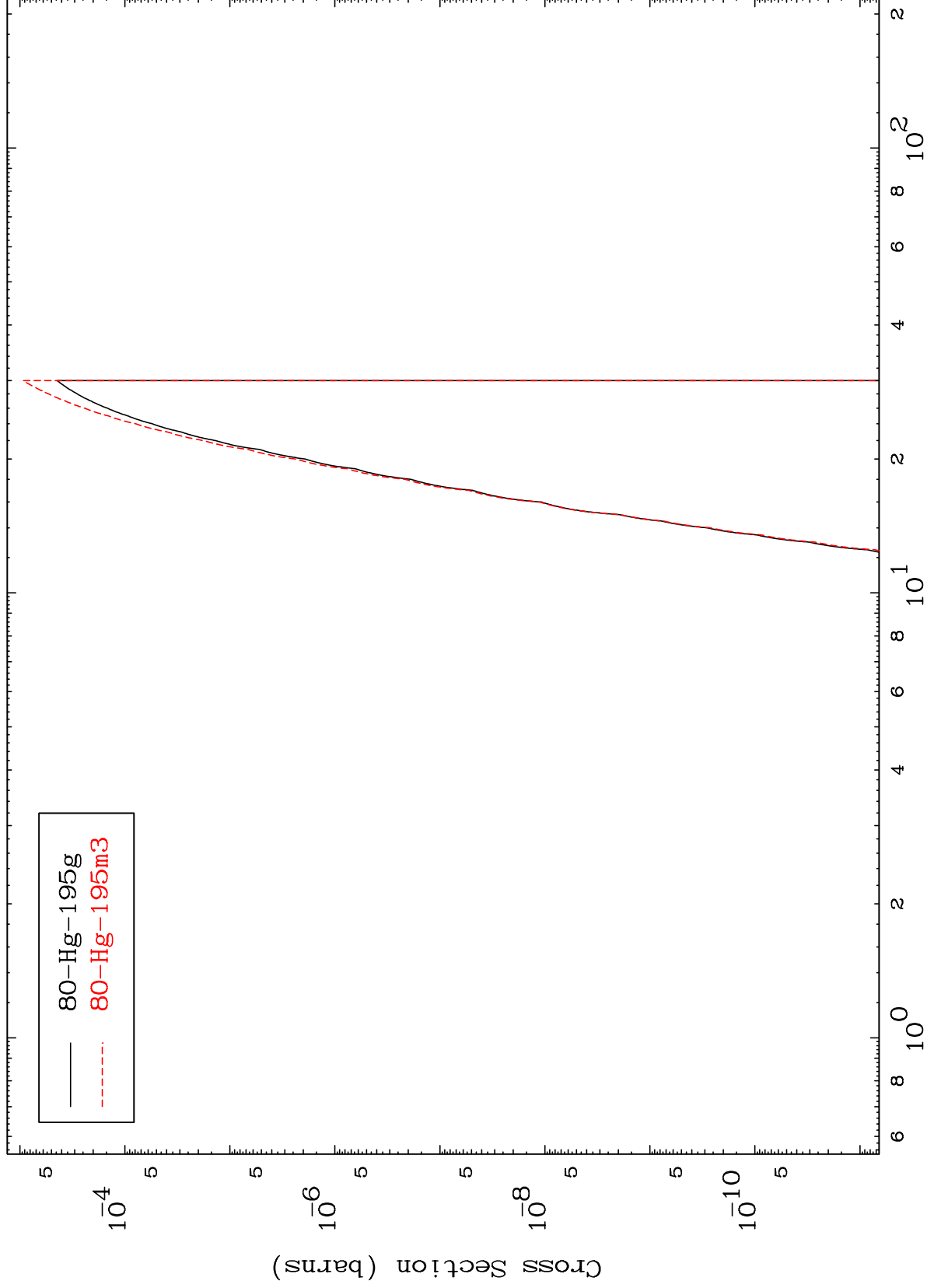
155

MAT 8204

(n,He-3)

82-Pb-197

Radionuclide Production Cross Section



80-Hg-195g  
80-Hg-195m3

156

Incident Energy (MeV)

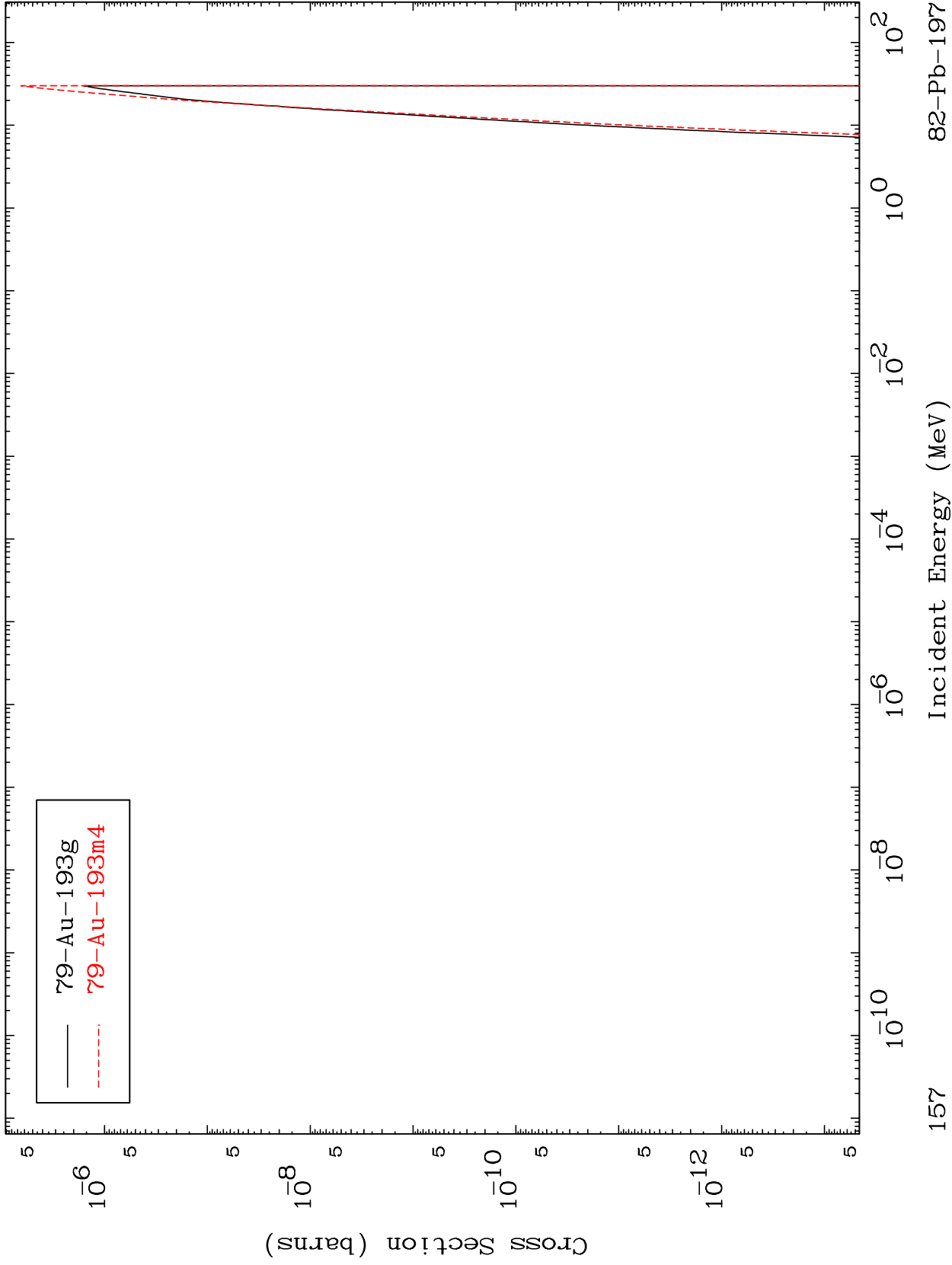
82-Pb-197

MAT 8204

(n,p)  $\alpha$

82-Pb-197

Radionuclide Production Cross Section



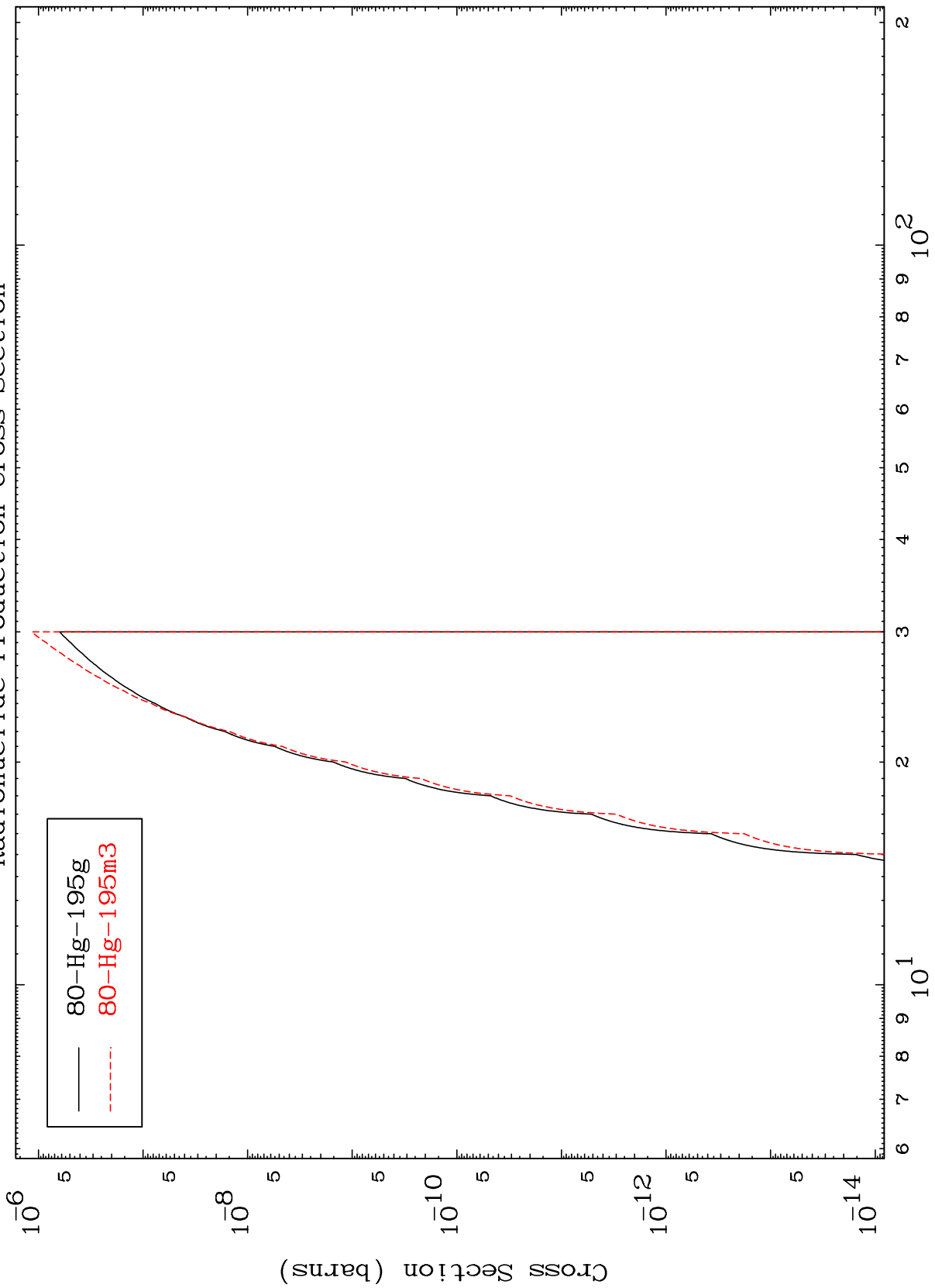
157

MAT 8204

(n,p) d

82-Pb-197

Radionuclide Production Cross Section



158

Incident Energy (MeV)

82-Pb-197

MAT 8204

(n,d)  $\alpha$

82-Pb-197

Radionuclide Production Cross Section

