

Program EVALPLOT  
(Version 2018-1)

by

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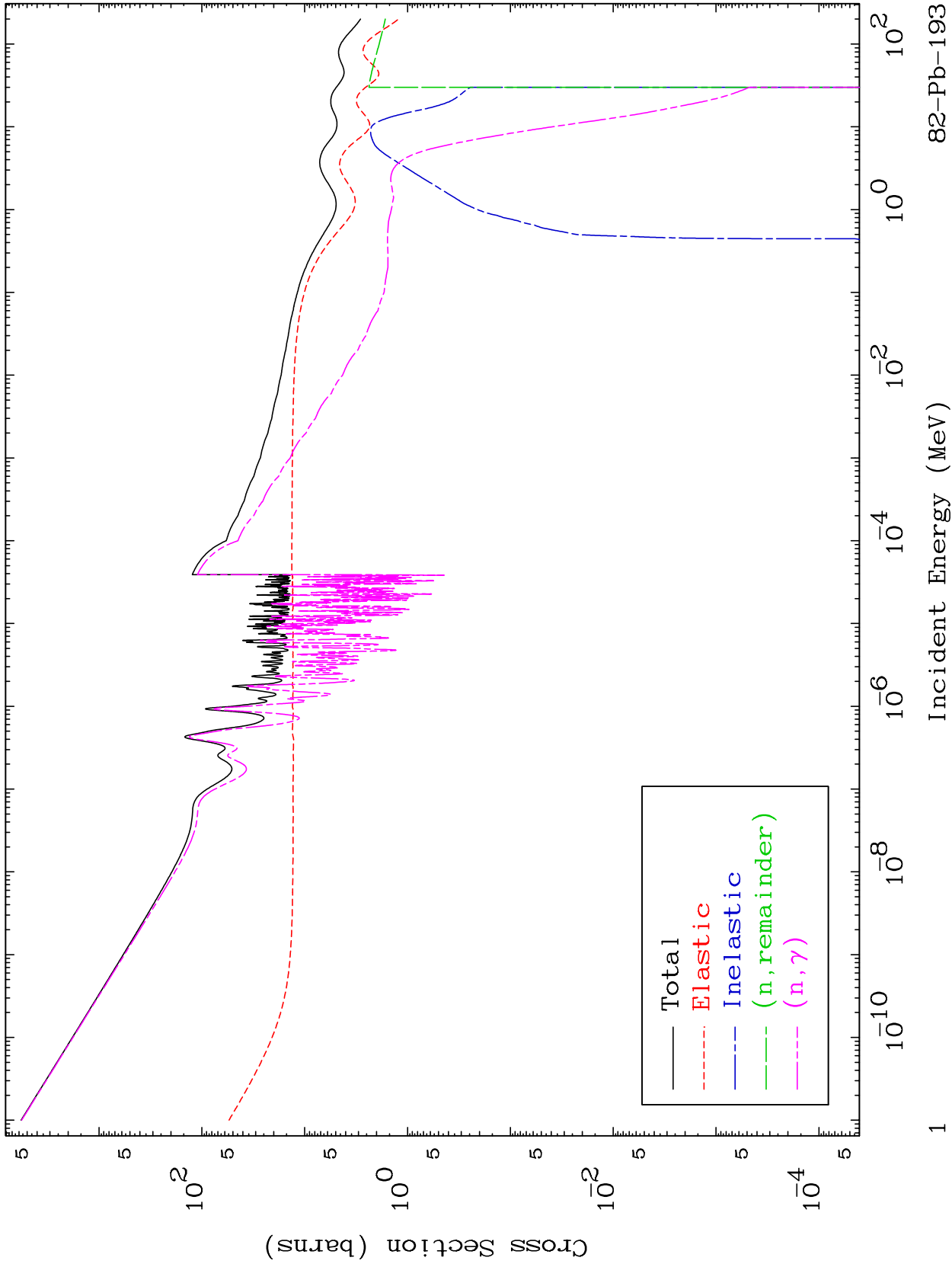
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8192

Major  
293 Kelvin Cross Sections

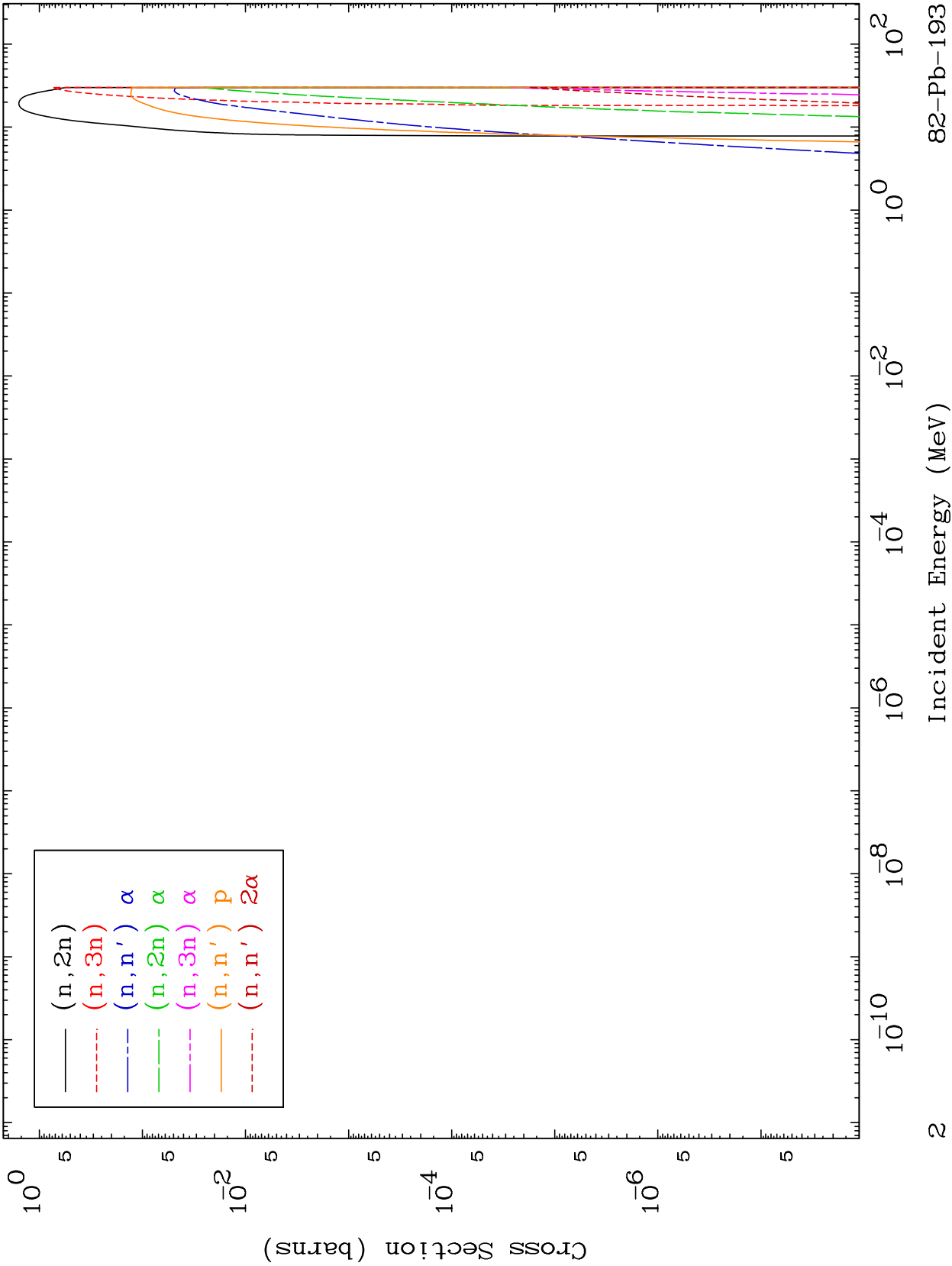
82-Pb-193



MAT 8192

Neutron Production  
293 Kelvin Cross Sections

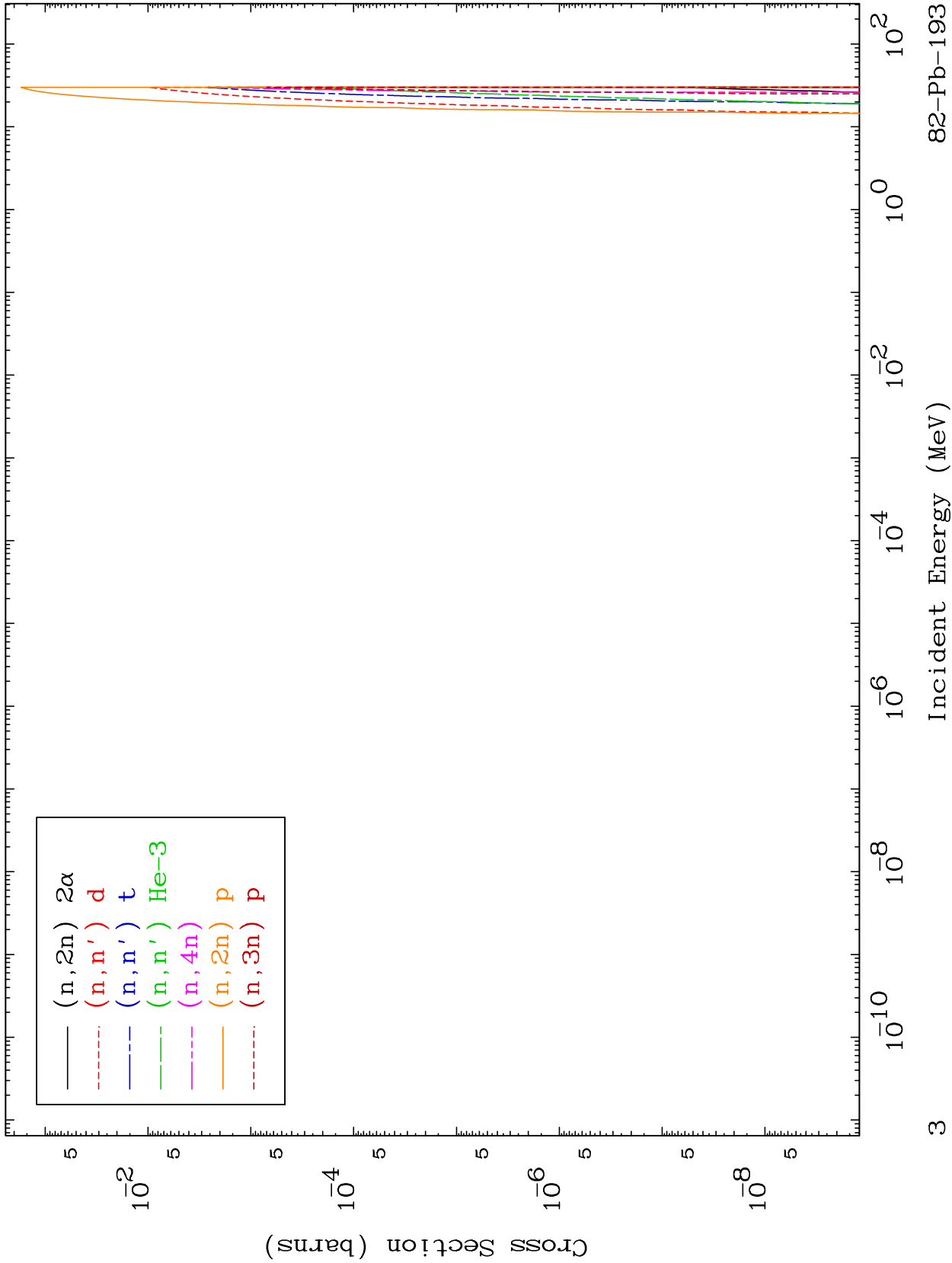
82-Pb-193



MAT 8192

Neutron Production  
293 Kelvin Cross Sections

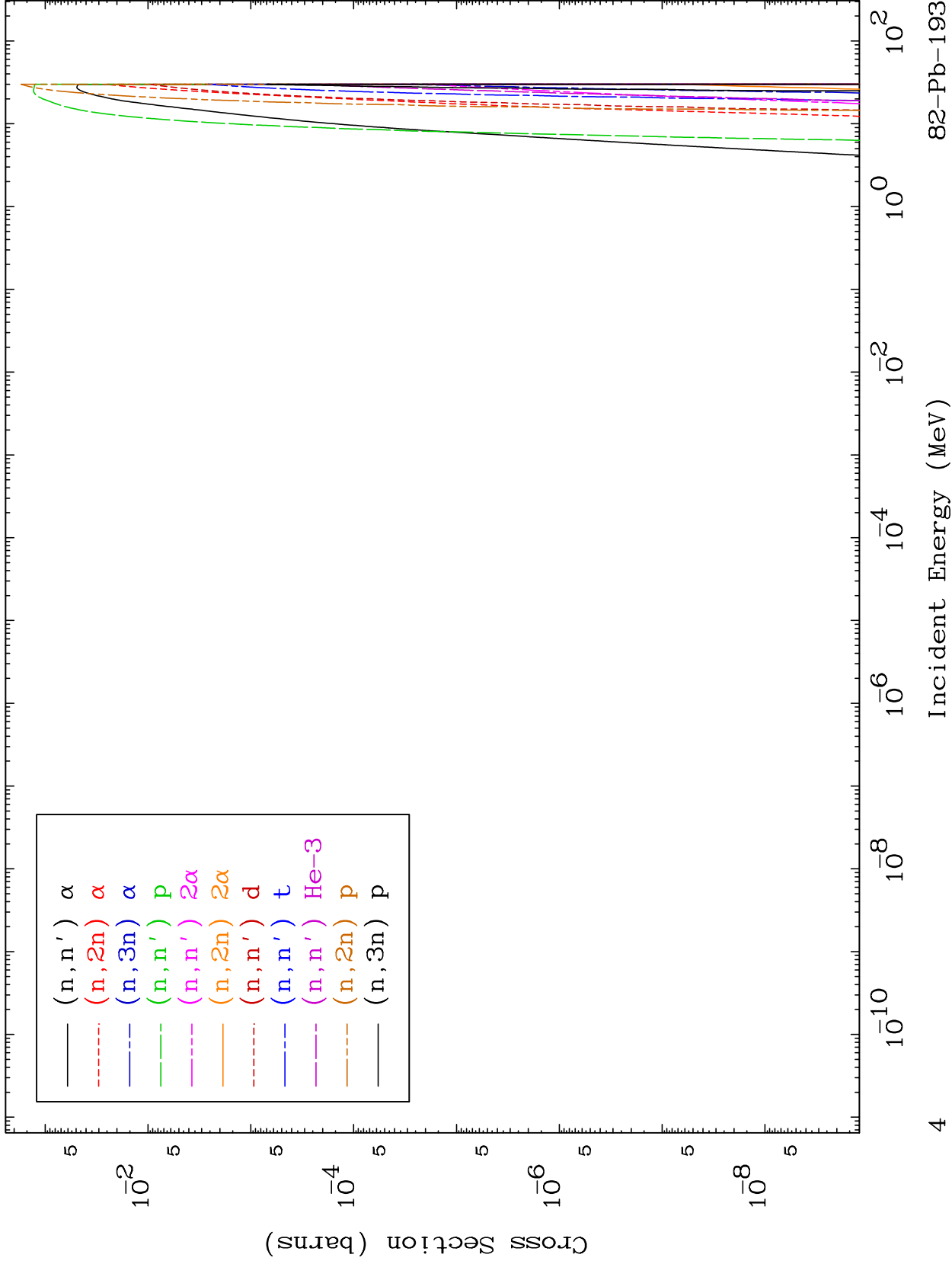
82-Pb-193



MAT 8192

Charged Particle  
293 Kelvin Cross Sections

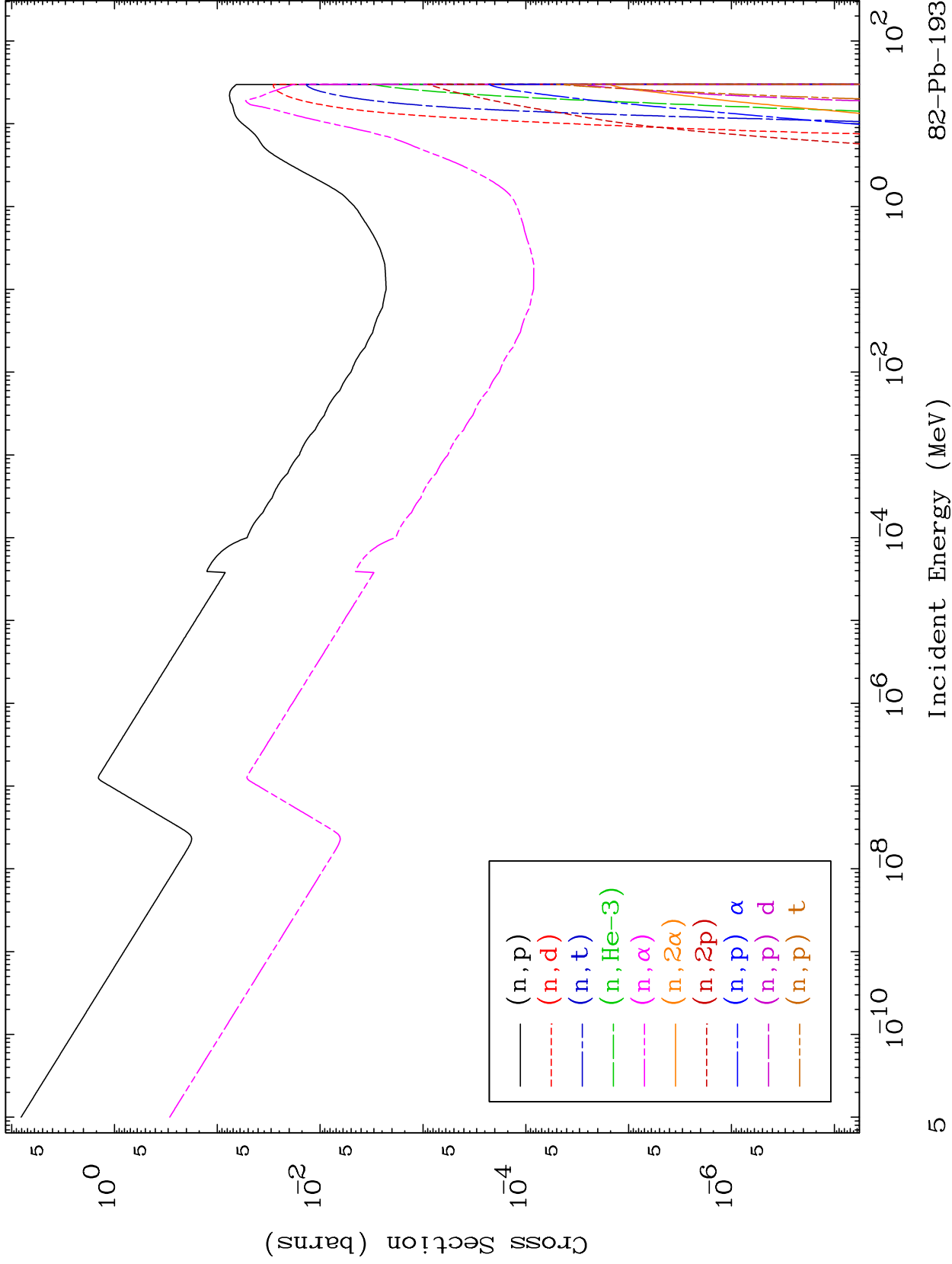
82-Pb-193

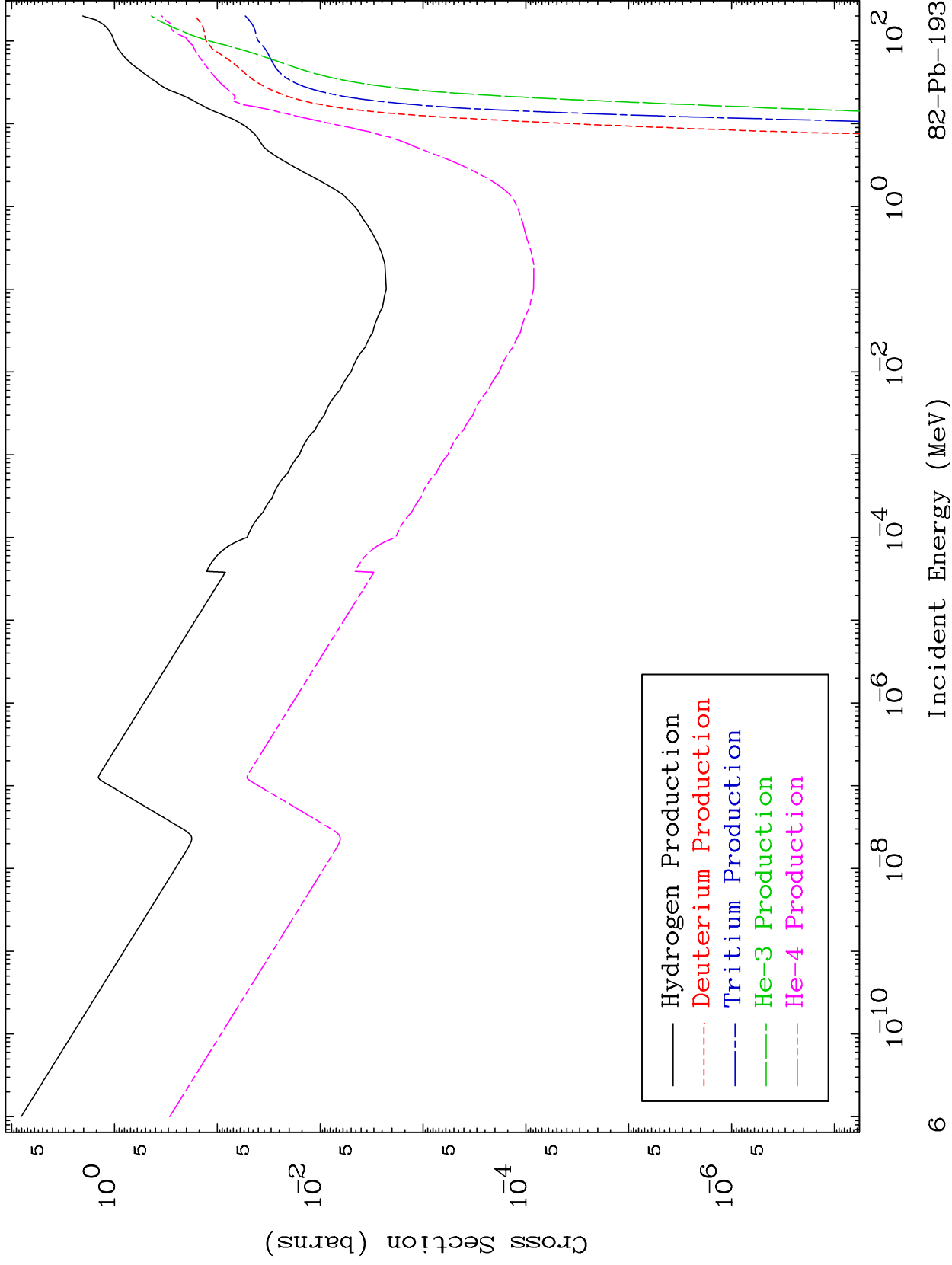


MAT 8192

Charged Particle  
293 Kelvin Cross Sections

82-Pb-193



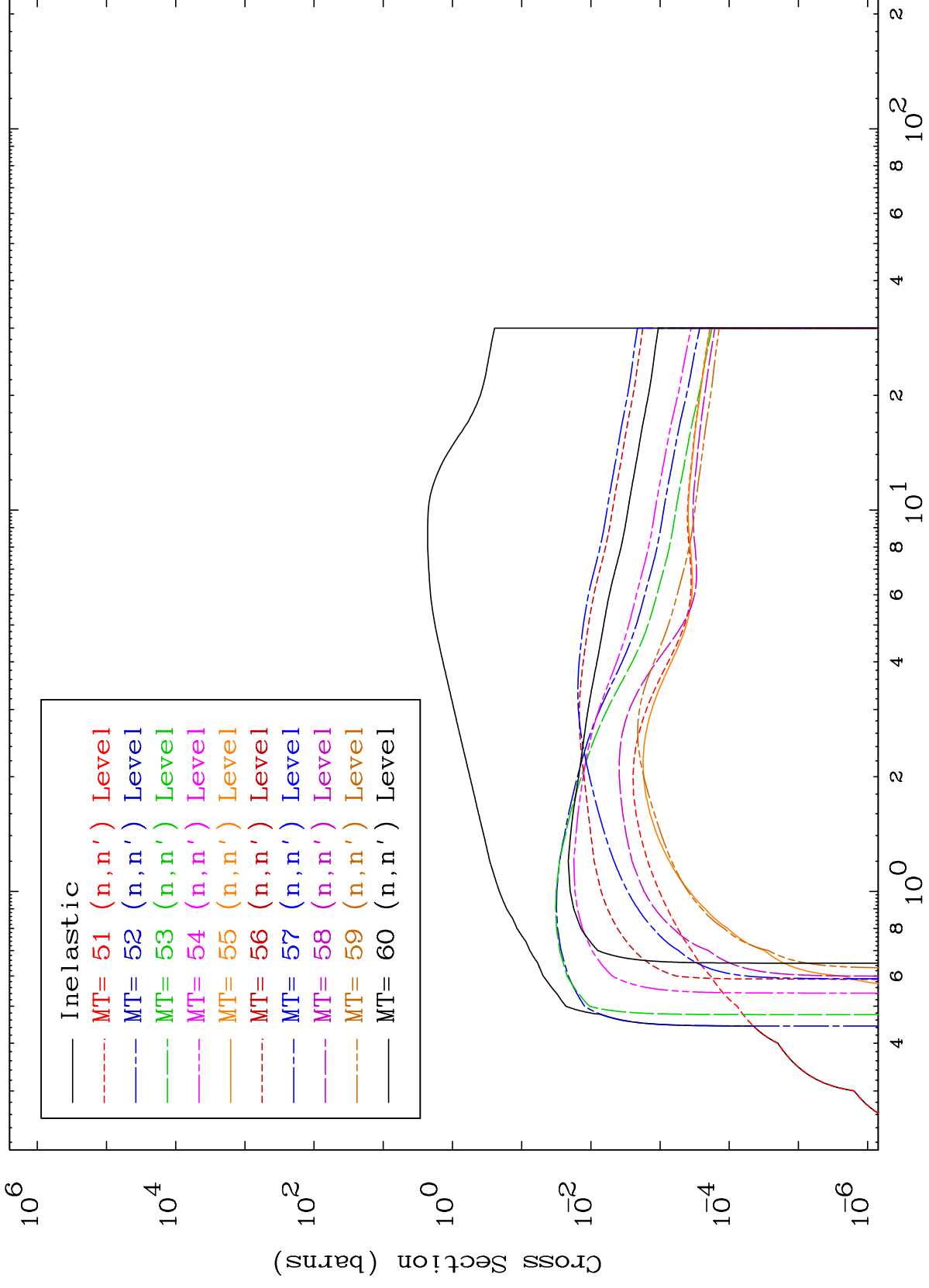


MAT 8192

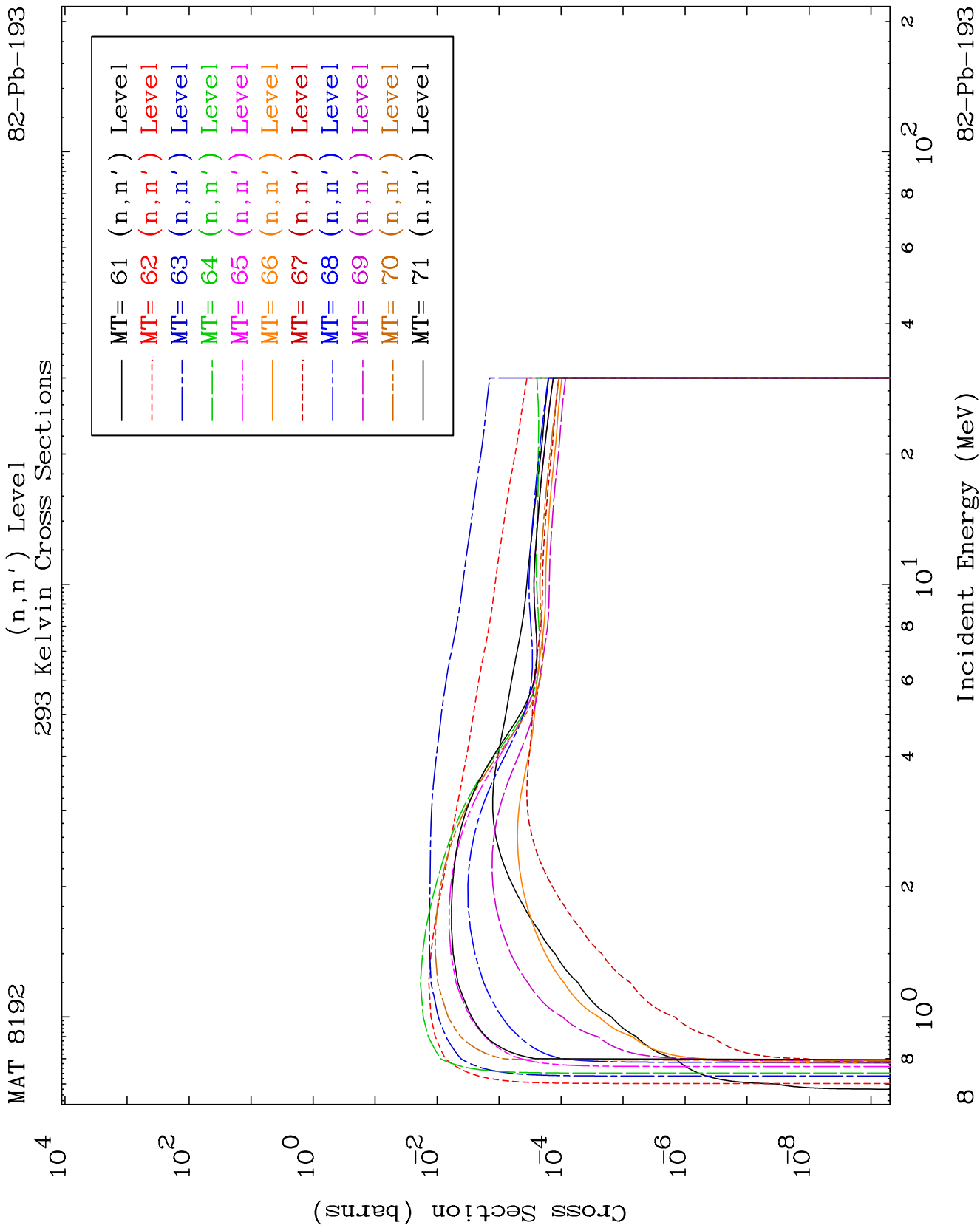
(n,n') Level

82-Pb-193

293 Kelvin Cross Sections





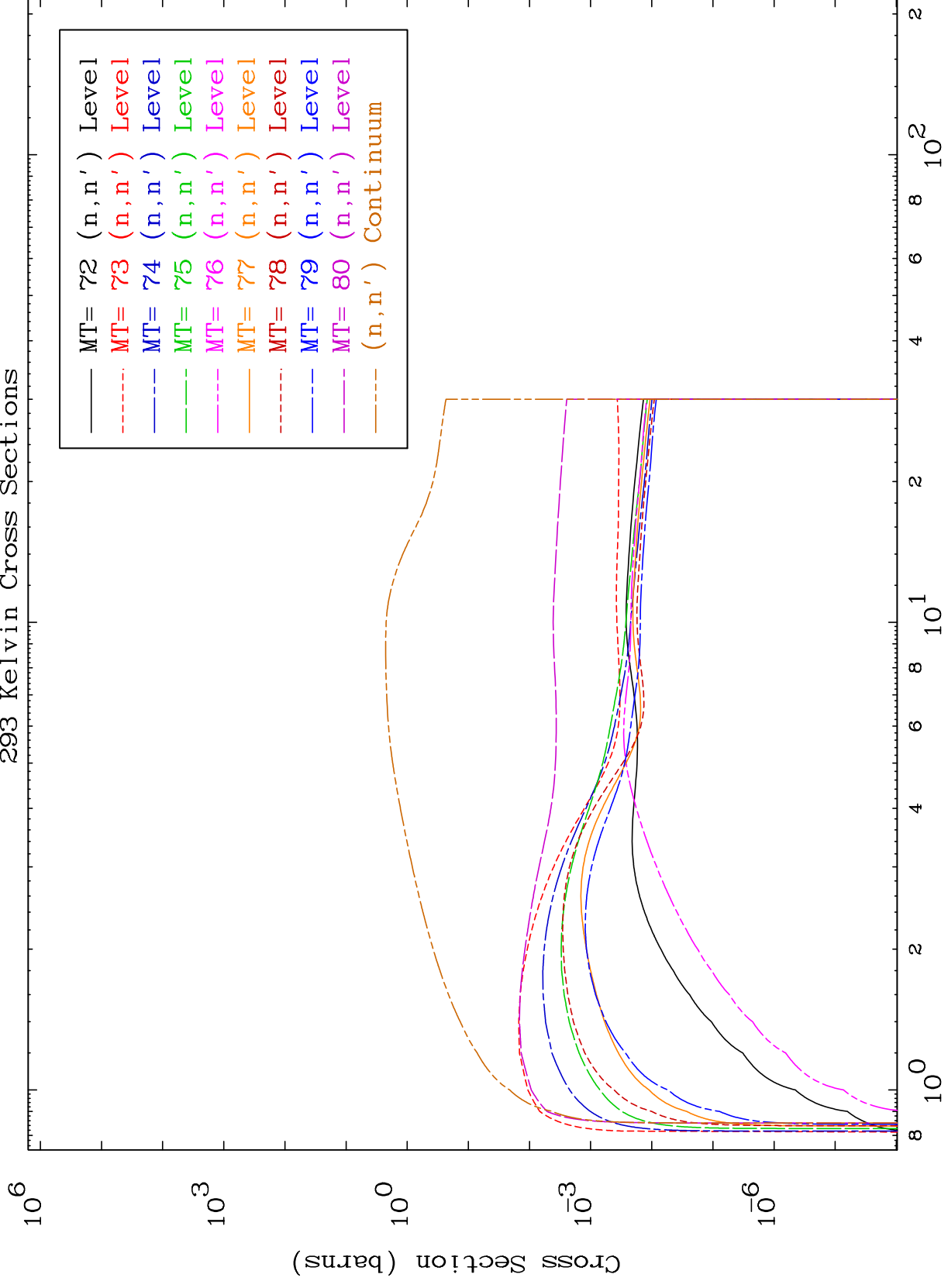


MAT 8192

(n,n') Level

82-Pb-193

293 Kelvin Cross Sections



Incident Energy (MeV)

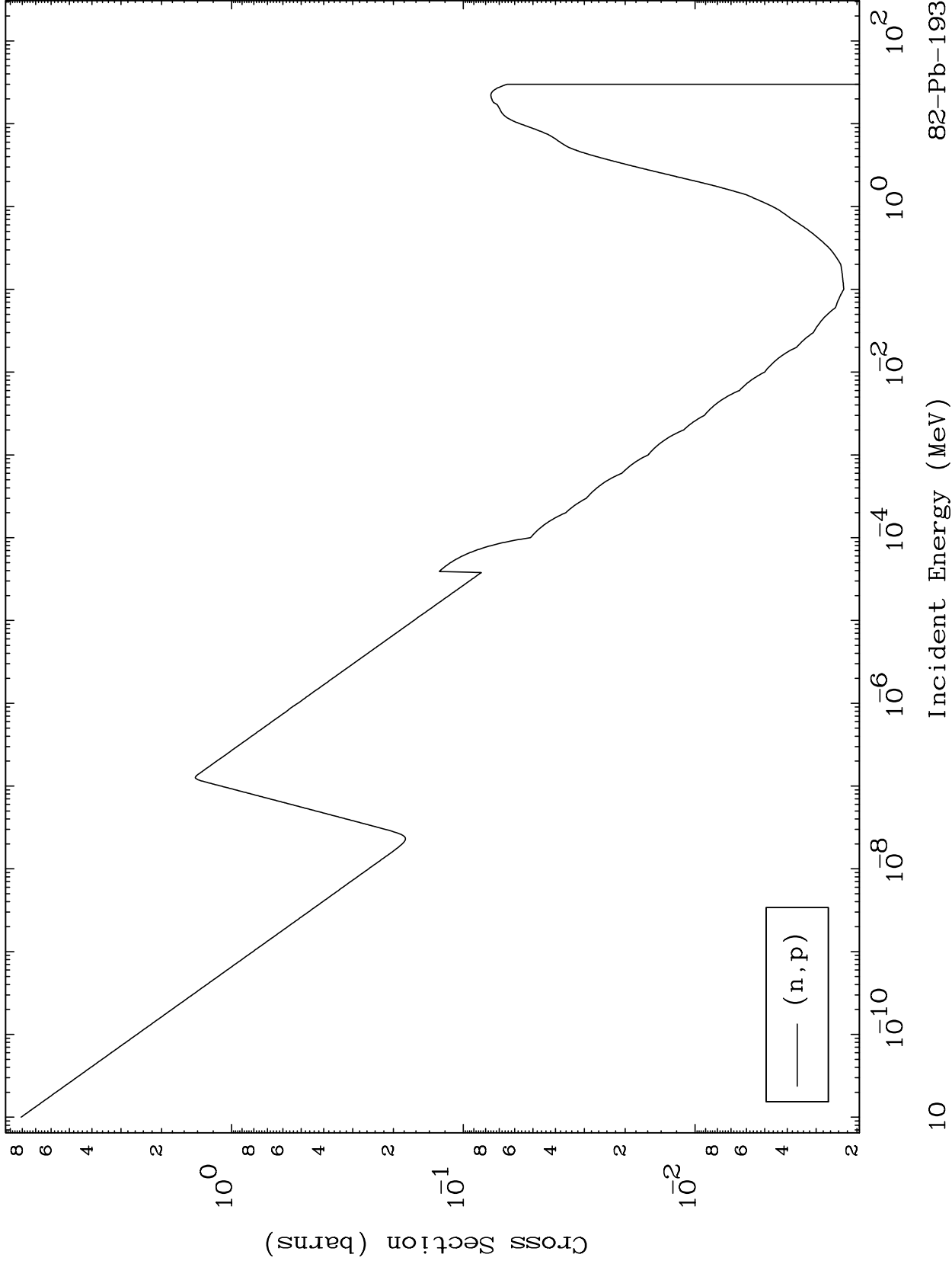
82-Pb-193

9

MAT 8192

(n,p) Levels  
293 Kelvin Cross Sections

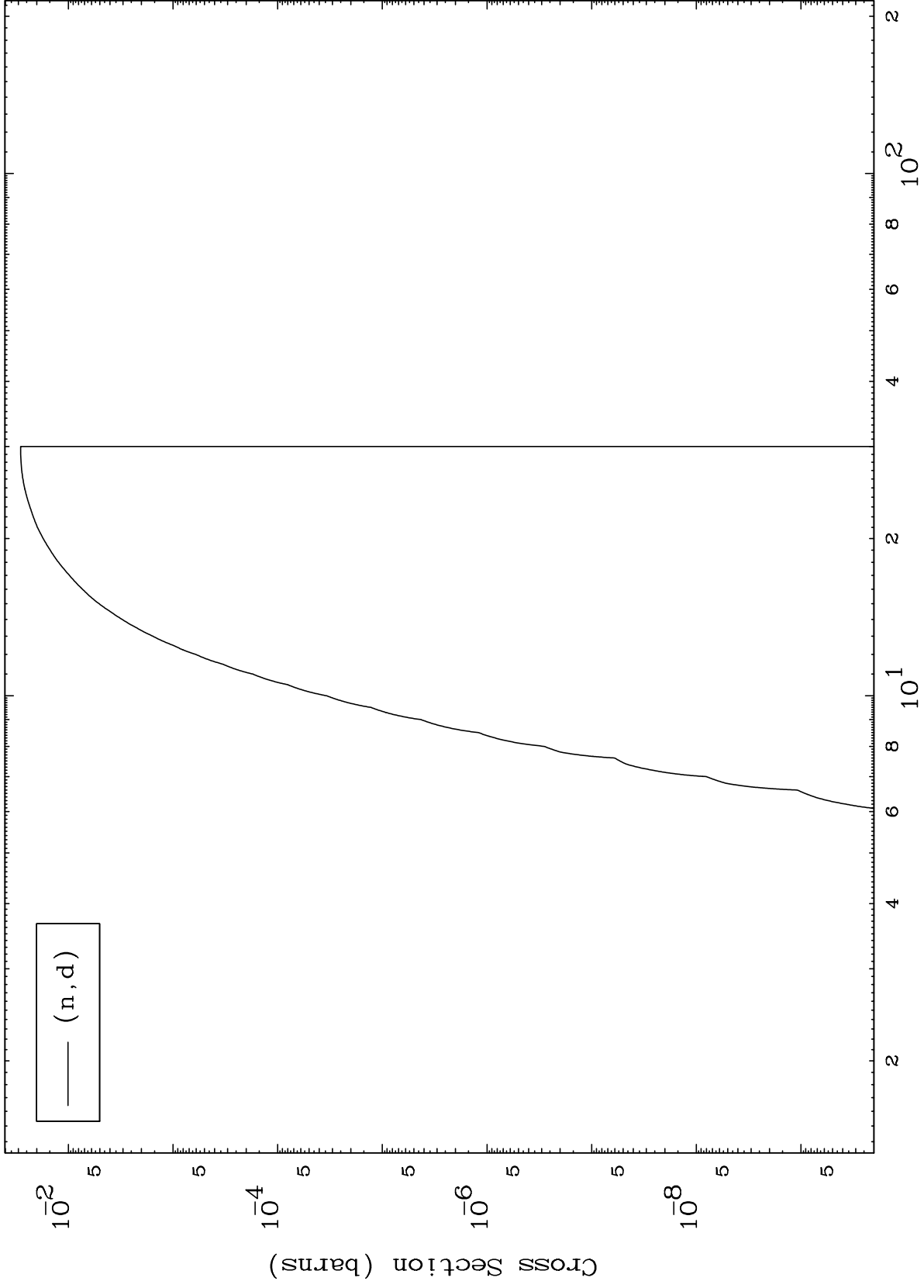
82-Pb-193



MAT 8192

(n,d) Levels  
293 Kelvin Cross Sections

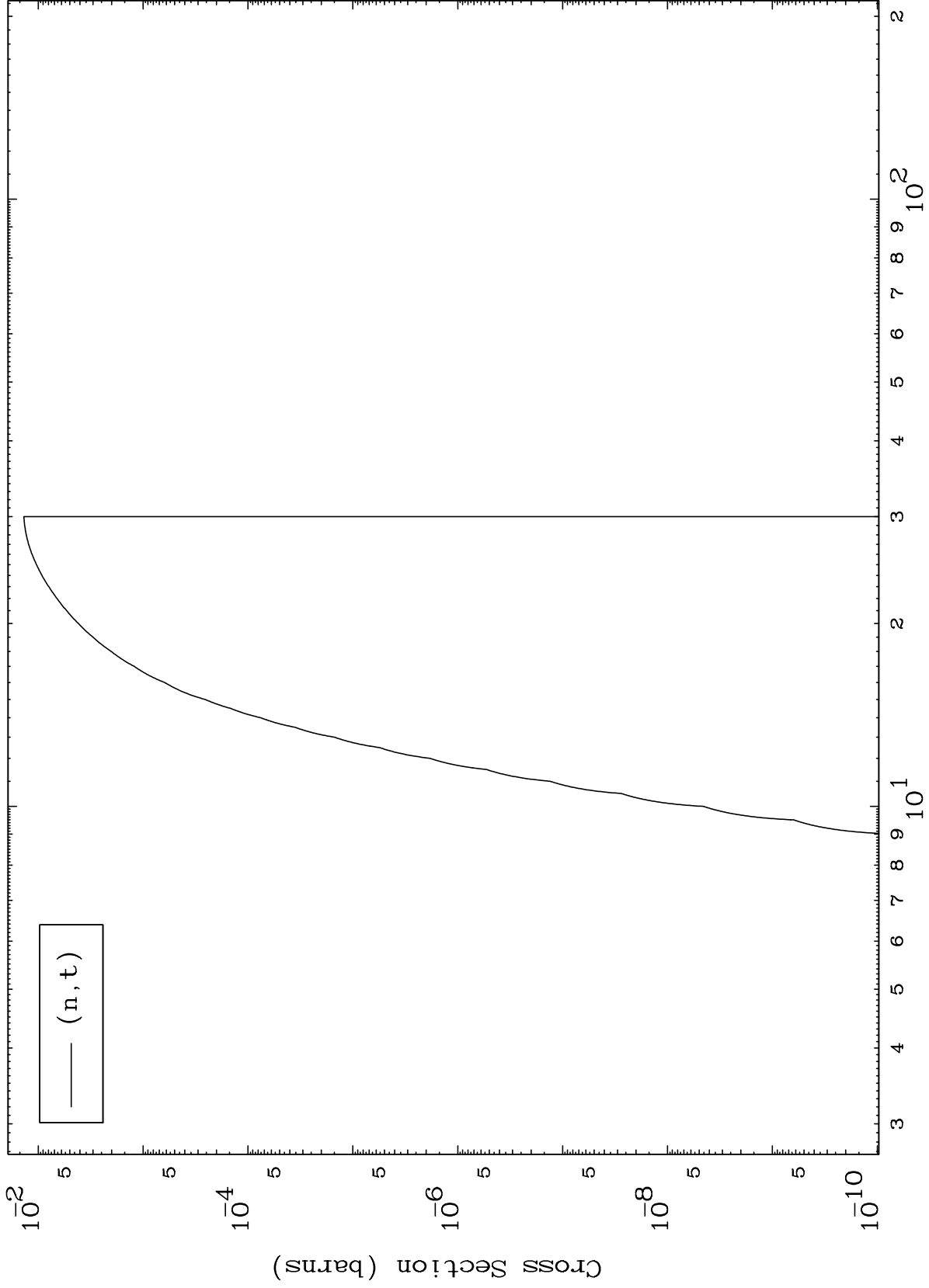
82-Pb-193



MAT 8192

(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-193



(n,t)

Incident Energy (MeV)

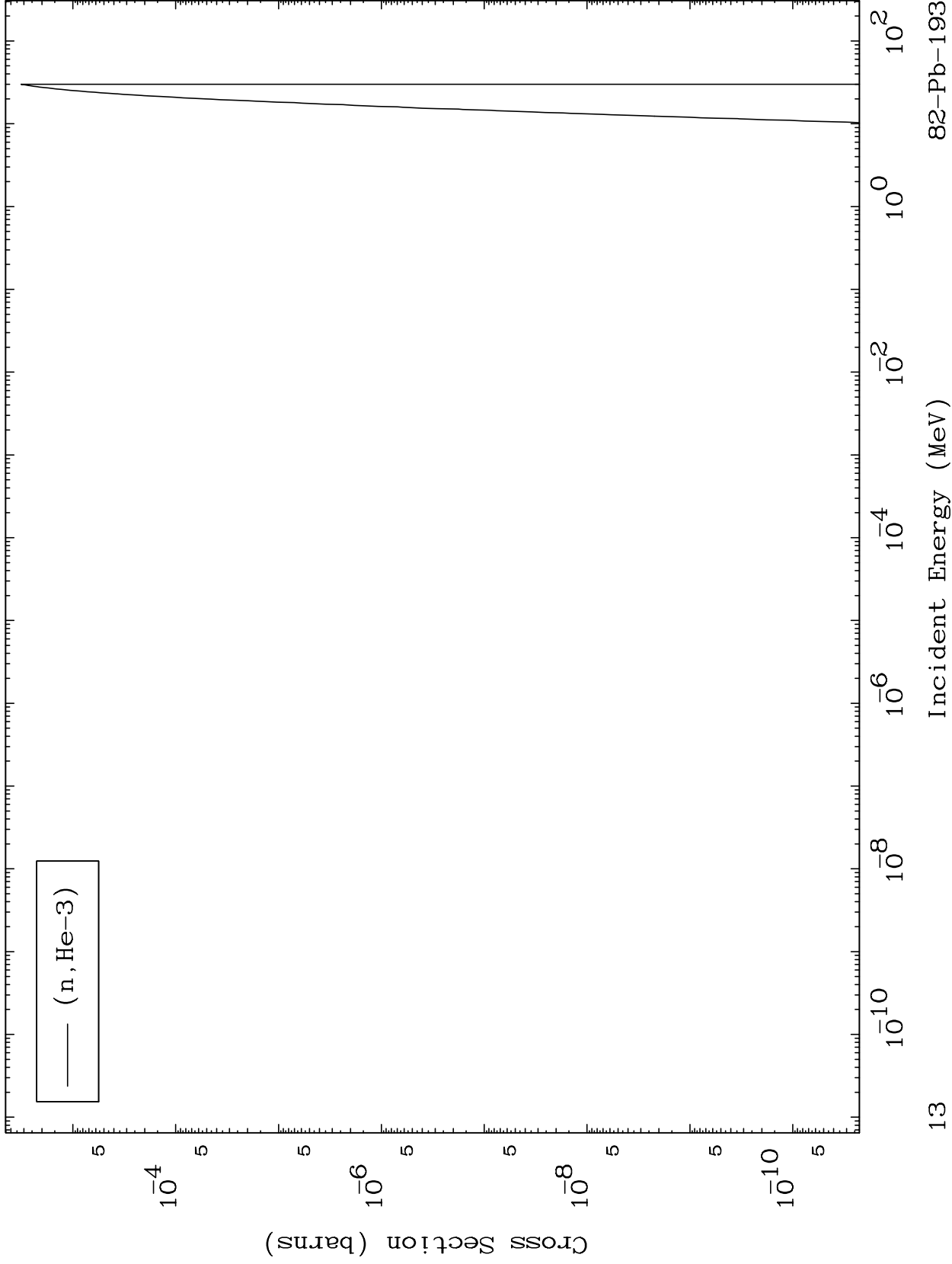
82-Pb-193

12

MAT 8192

(n,He3) Levels  
293 Kelvin Cross Sections

82-Pb-193



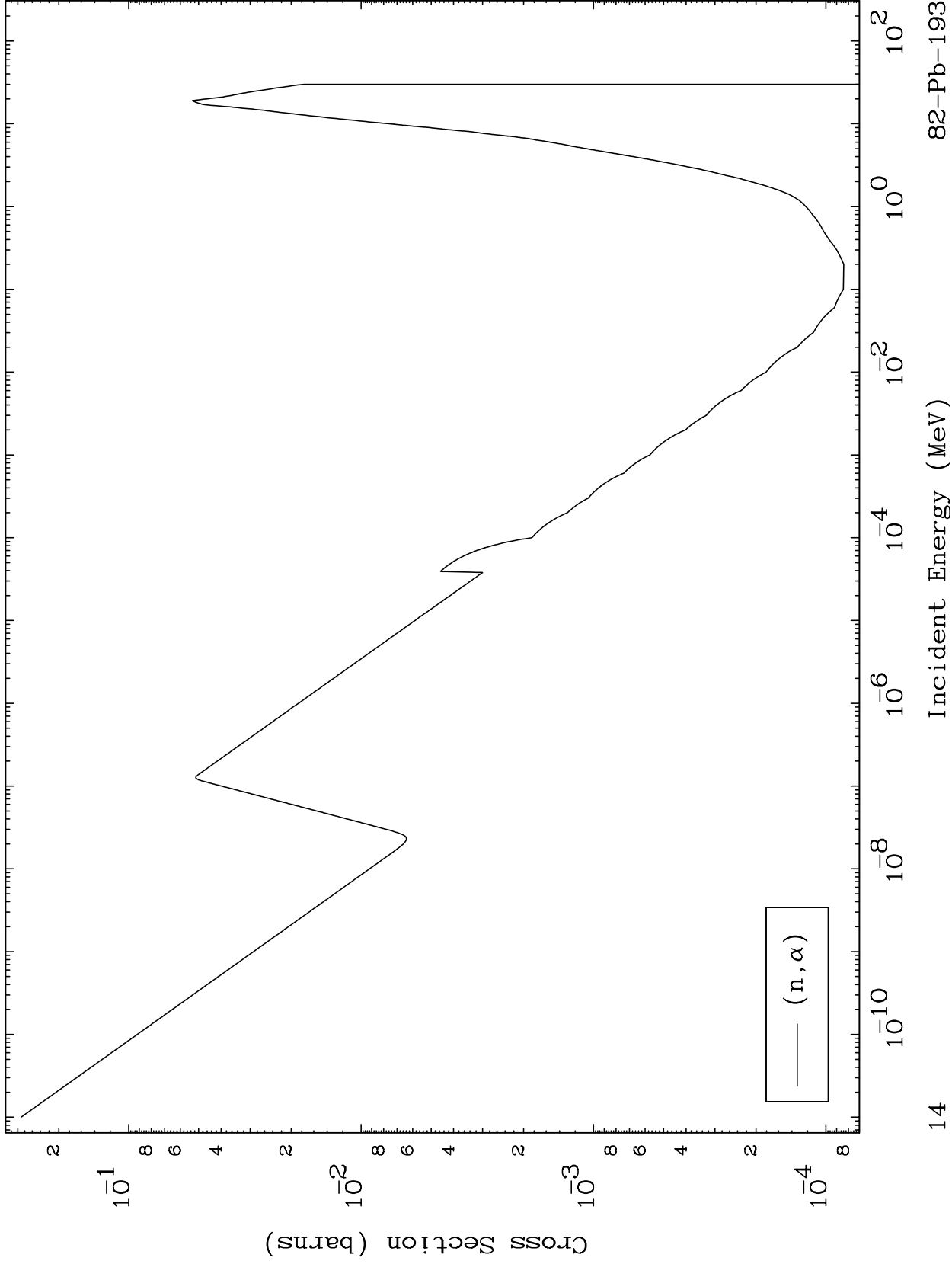
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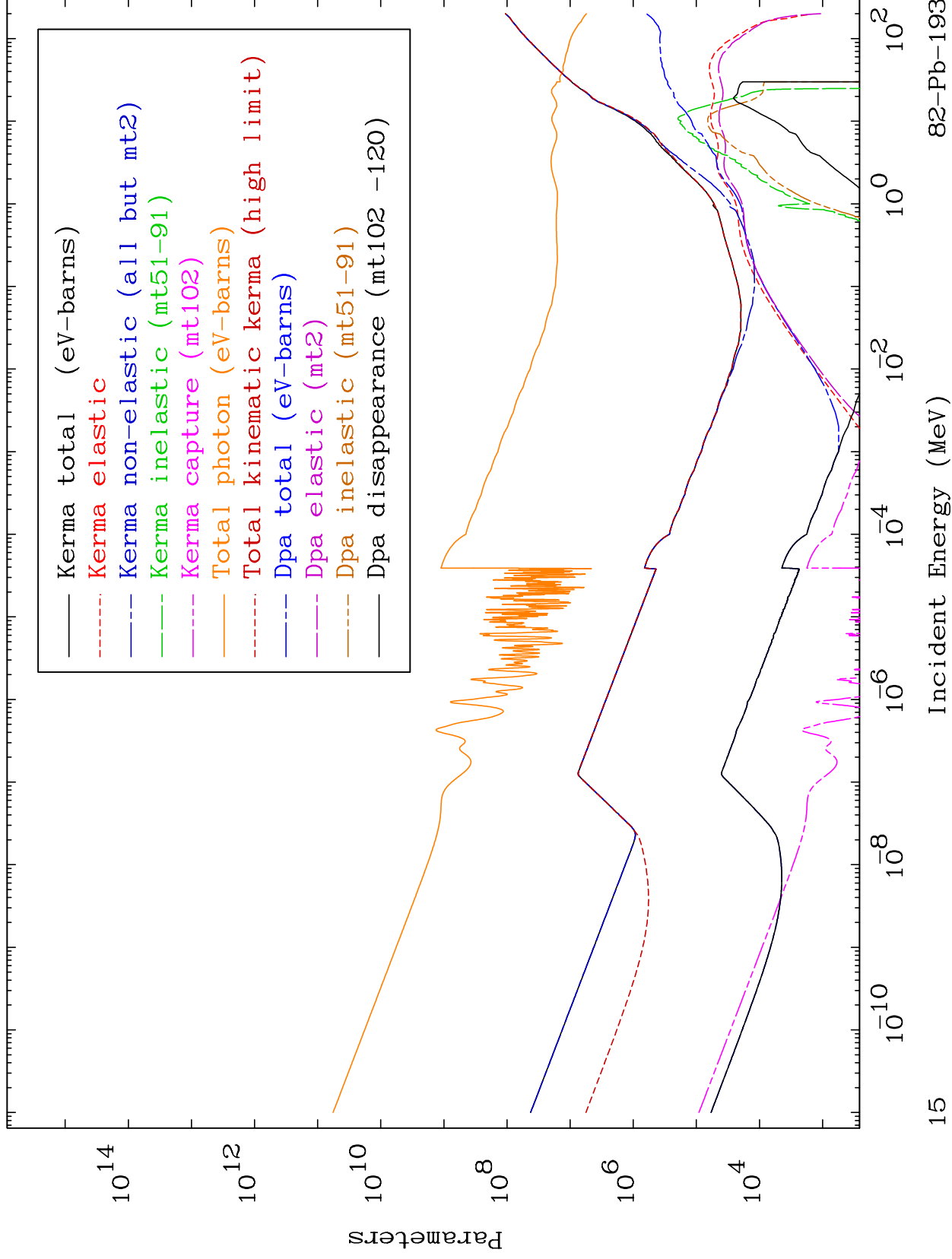
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MAT 8192

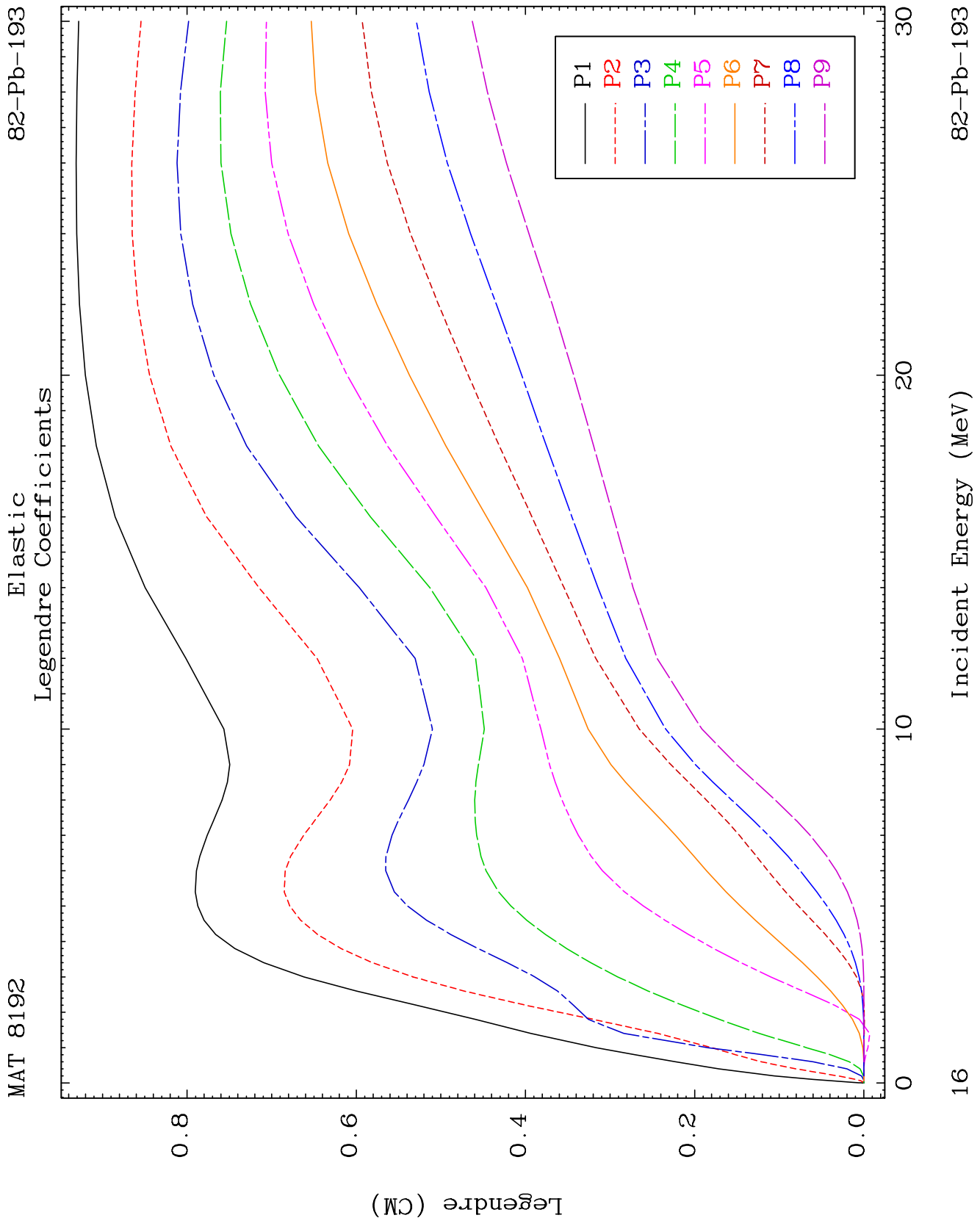
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

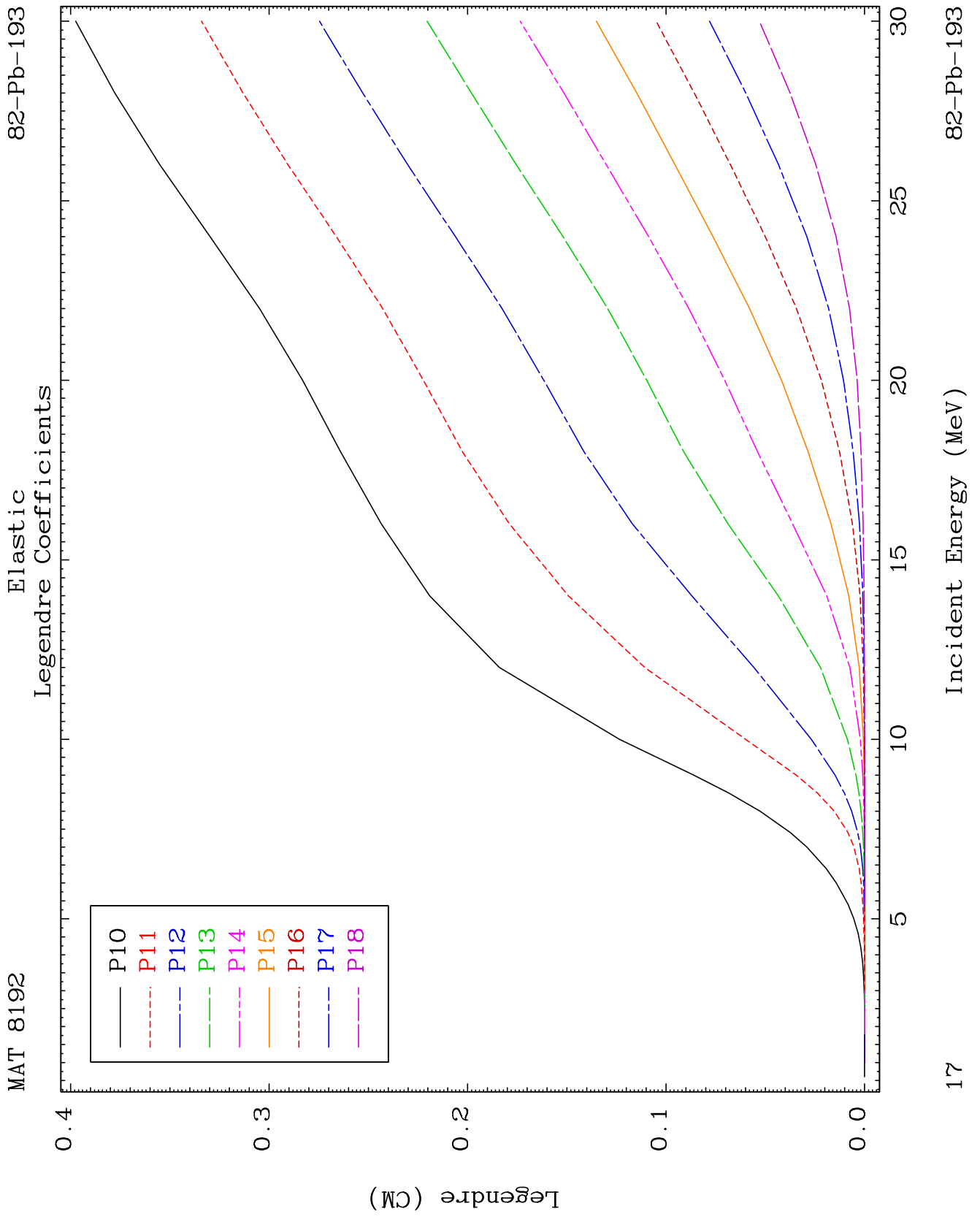
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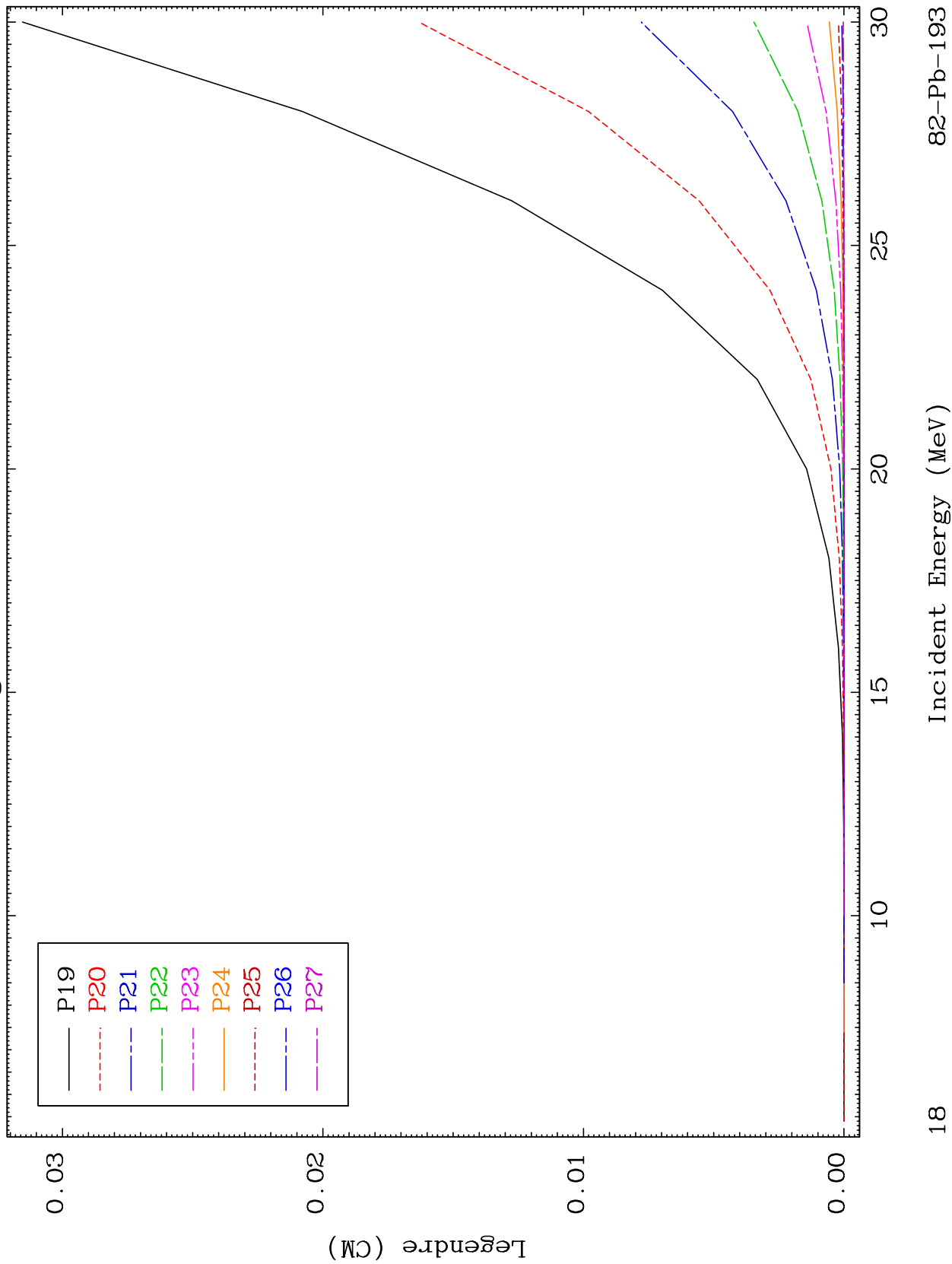




MAT 8192

### Elastic Legendre Coefficients

82-Pb-193



18

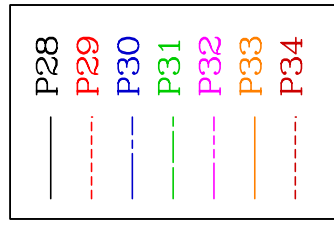
Incident Energy (MeV)

82-Pb-193

MAT 8192

Elastic  
Legendre Coefficients

82-Pb-193



$\times 10^{-6}$

Legendre (CM)

10

15

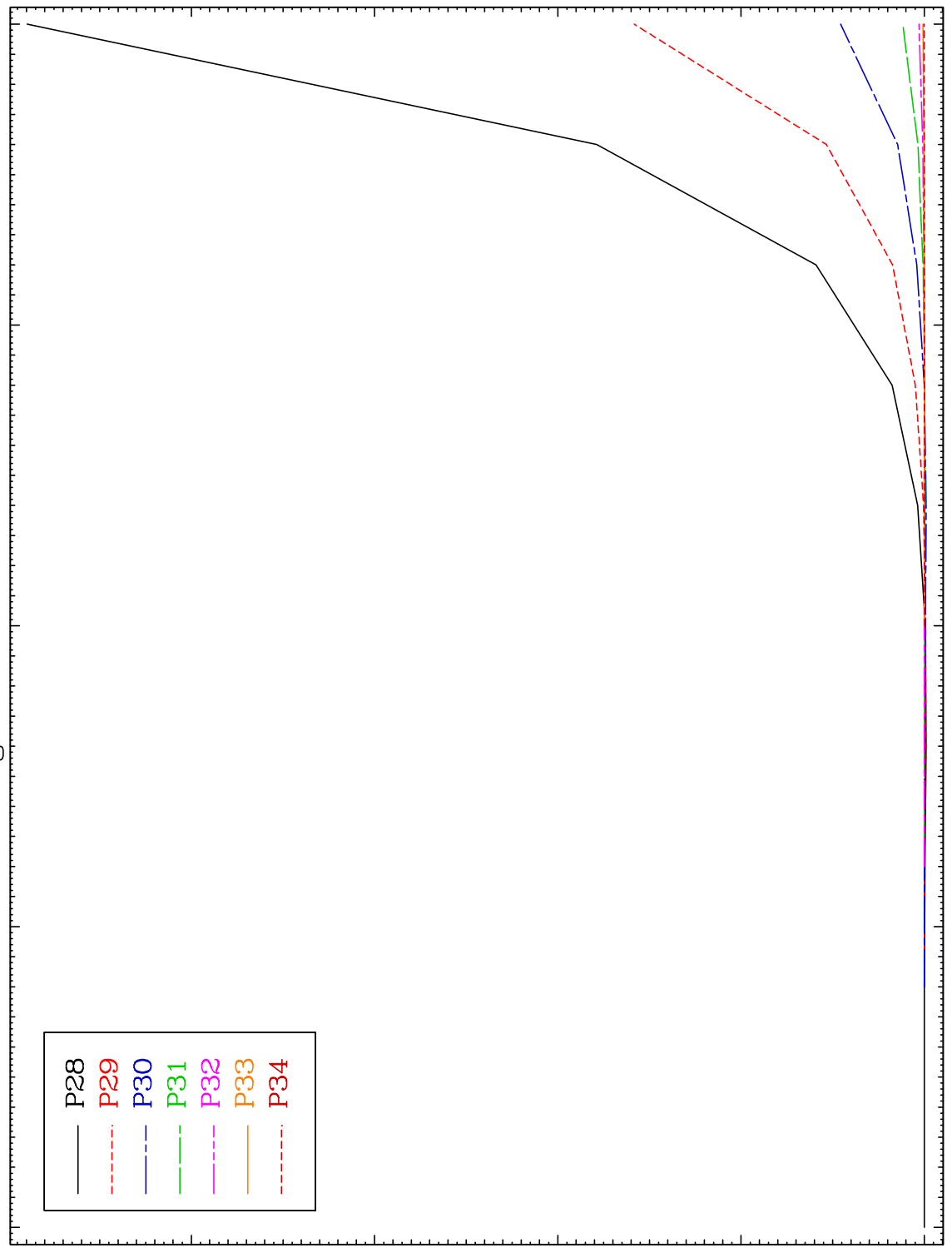
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25

30

Incident Energy (MeV)

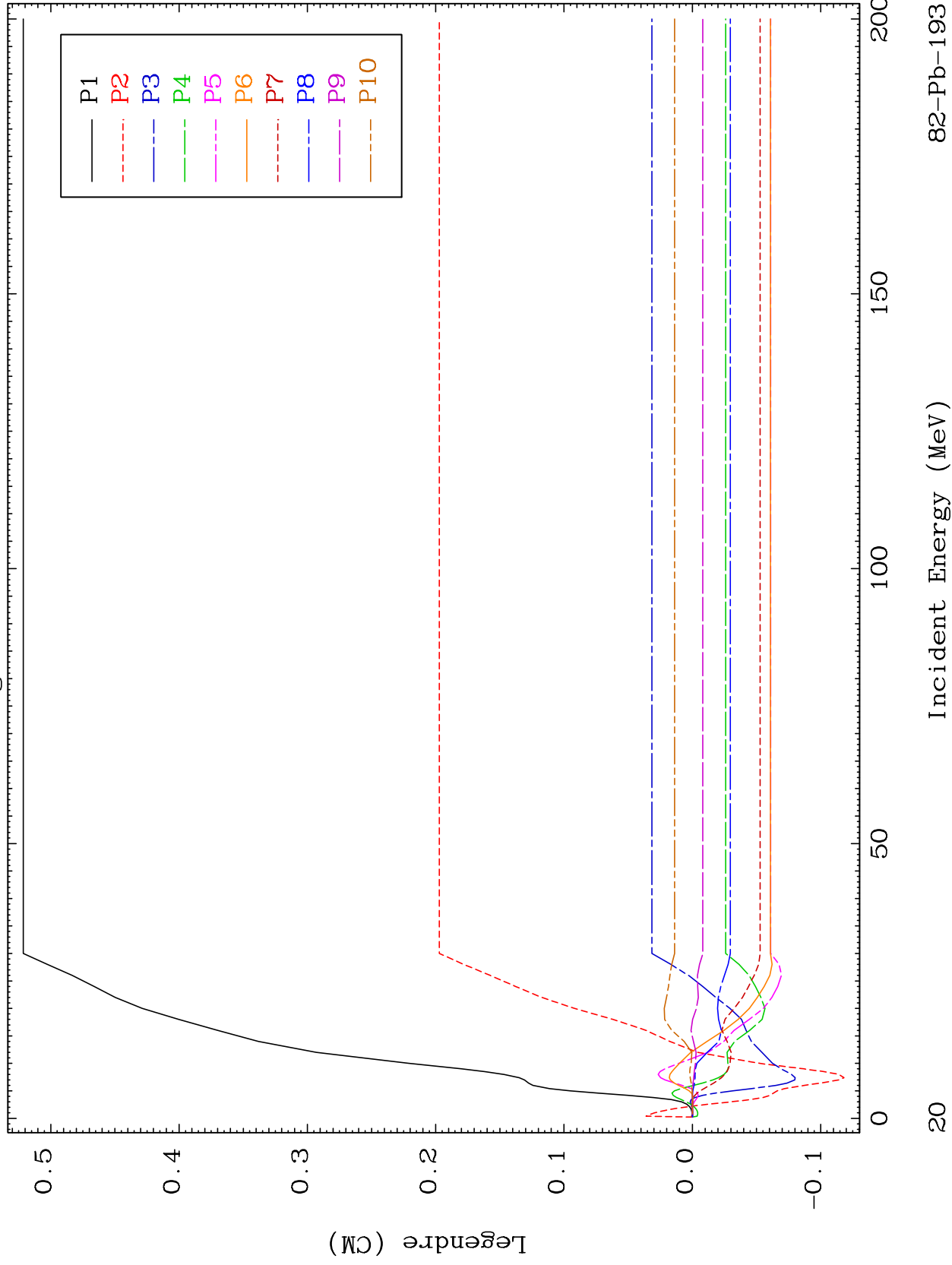
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

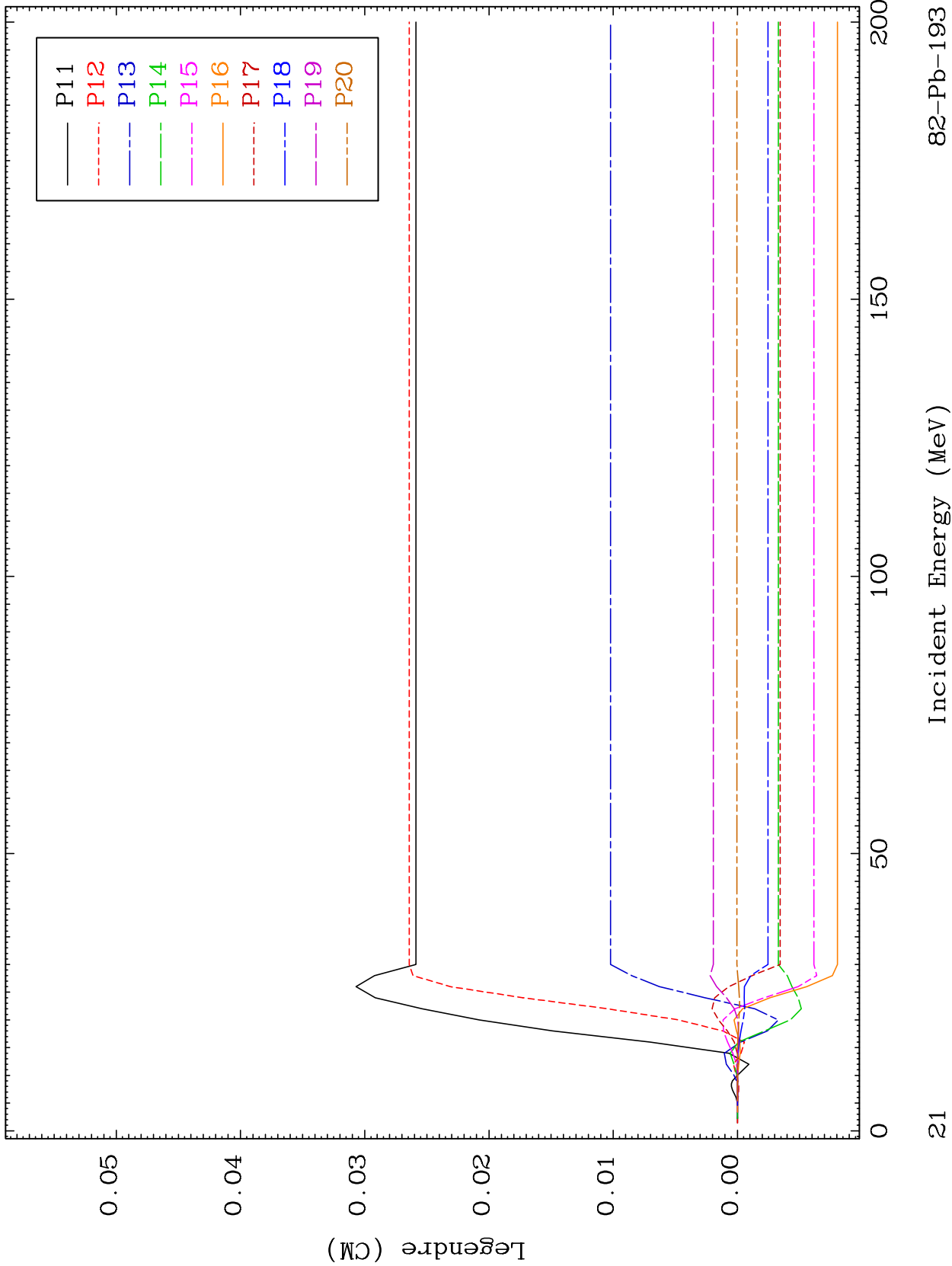
Incident Energy (MeV)

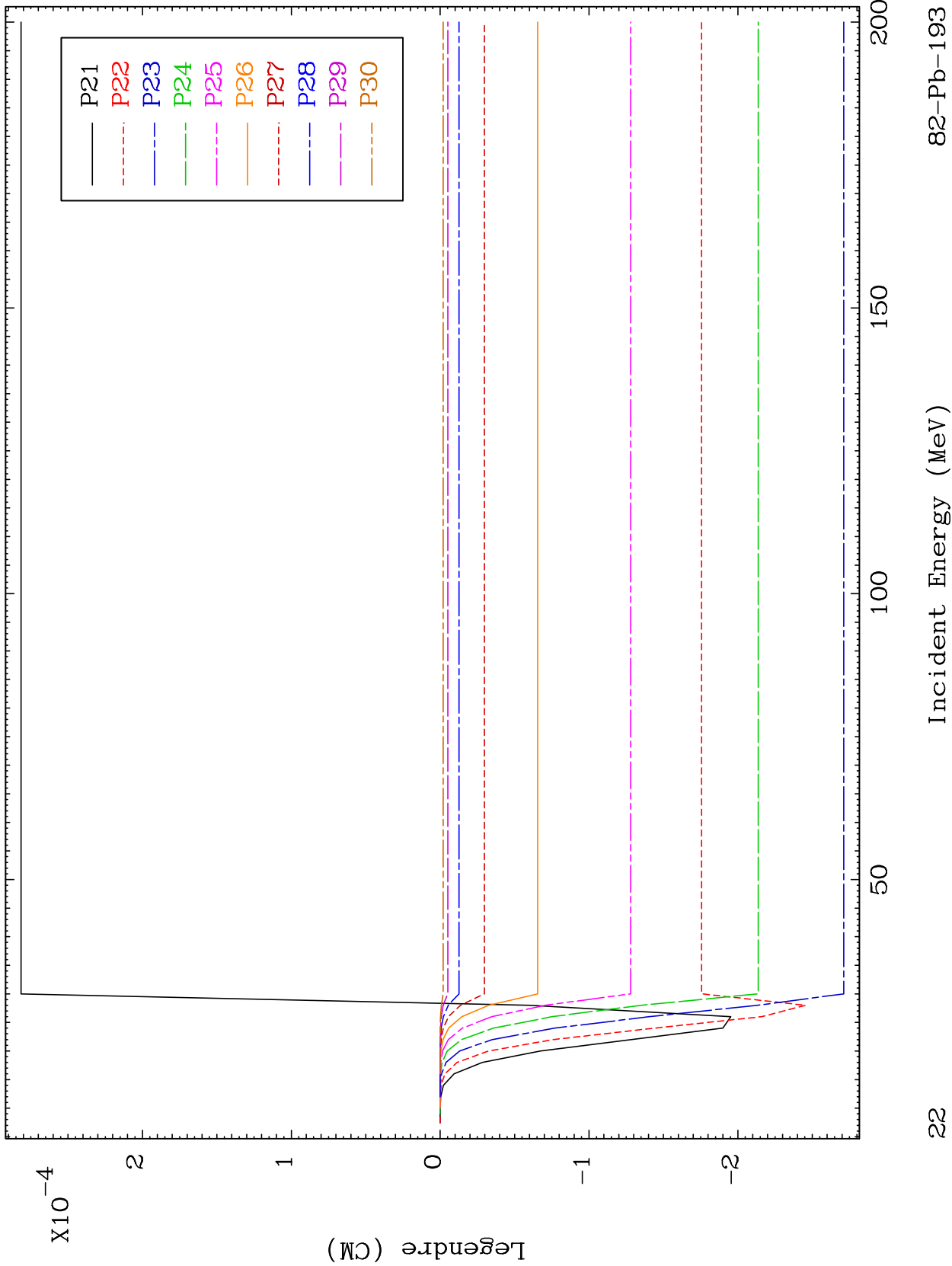
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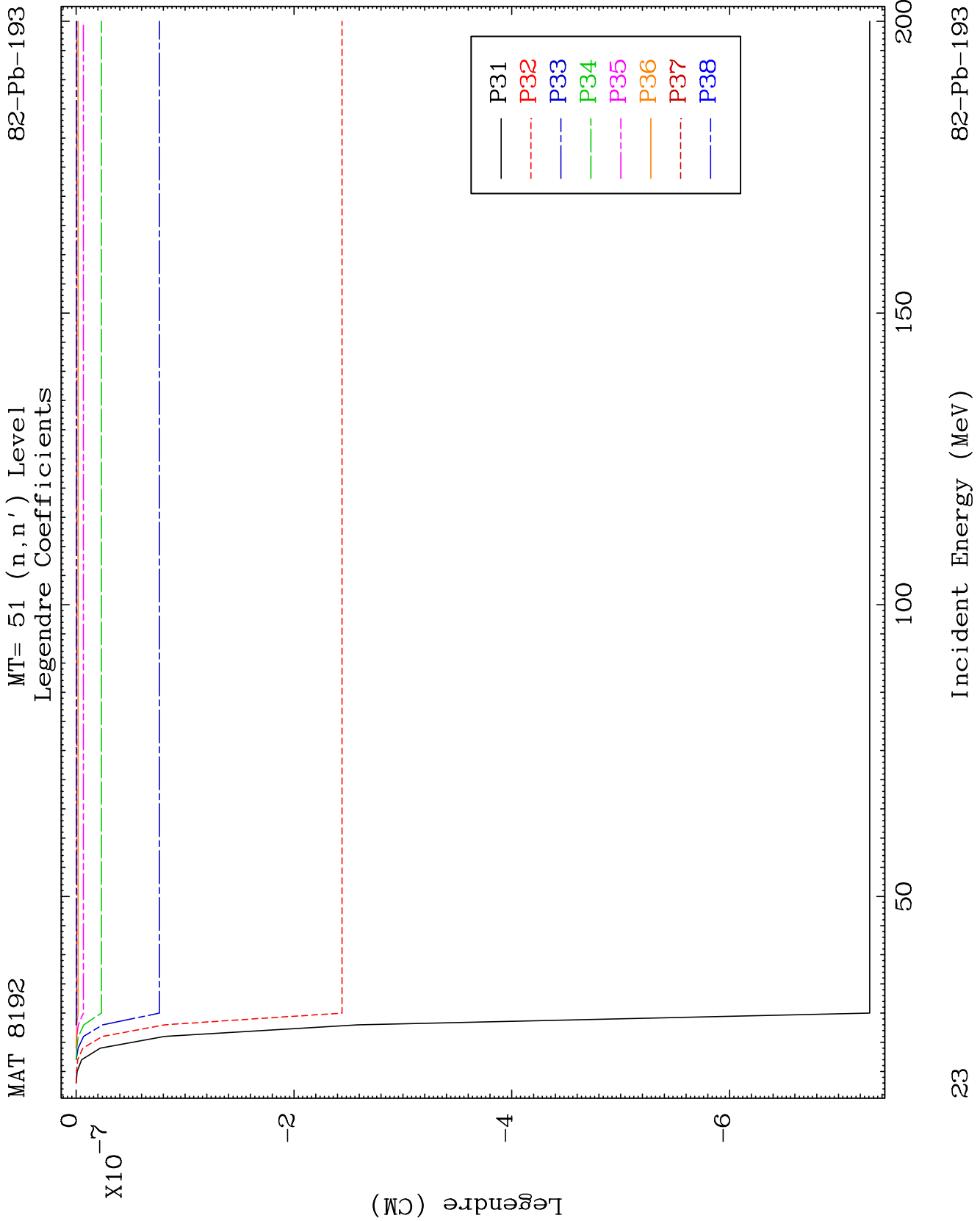
MAT 8192

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

82-Pb-193





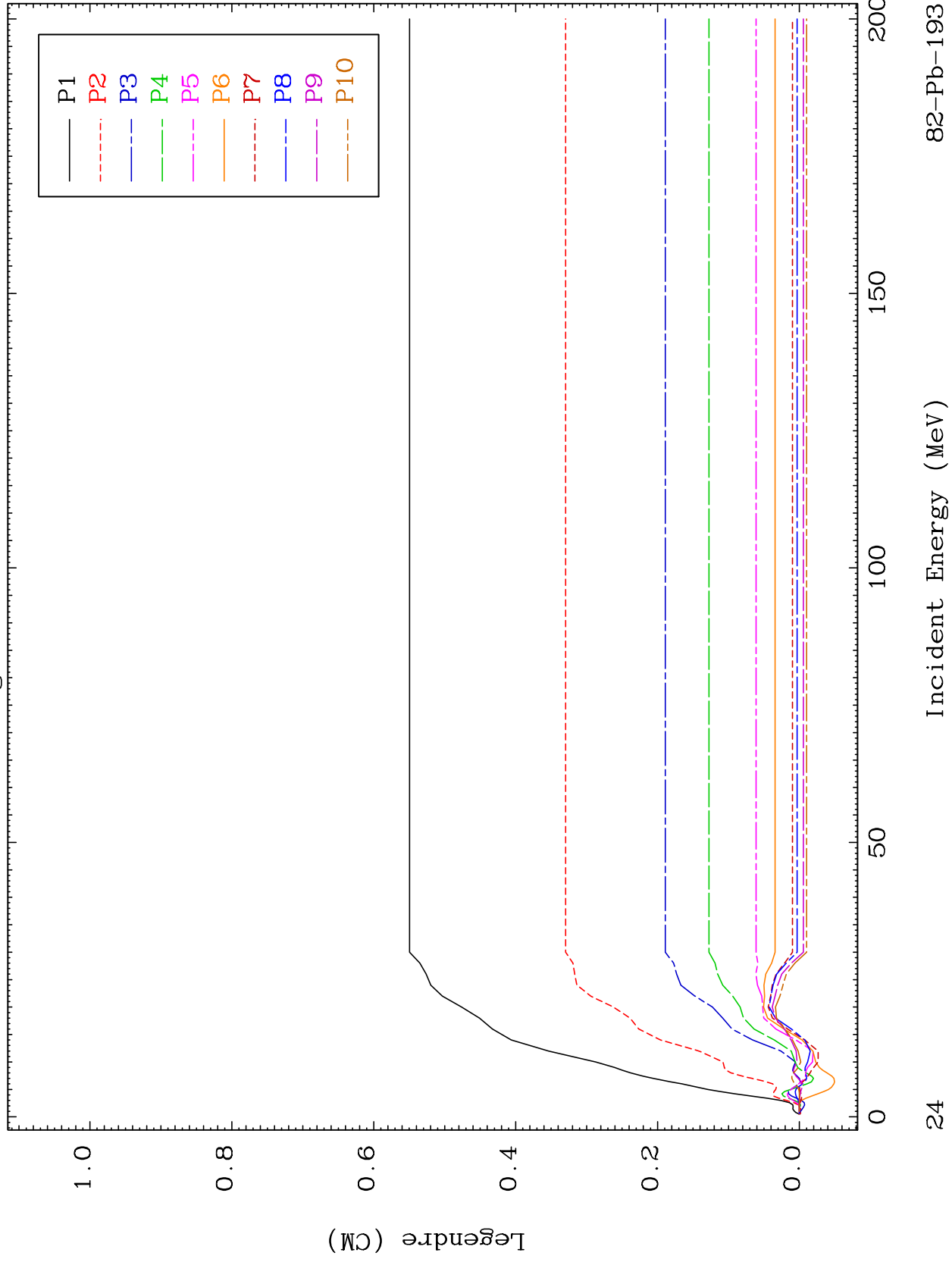




MAT 8192

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

82-Pb-193



82-Pb-193

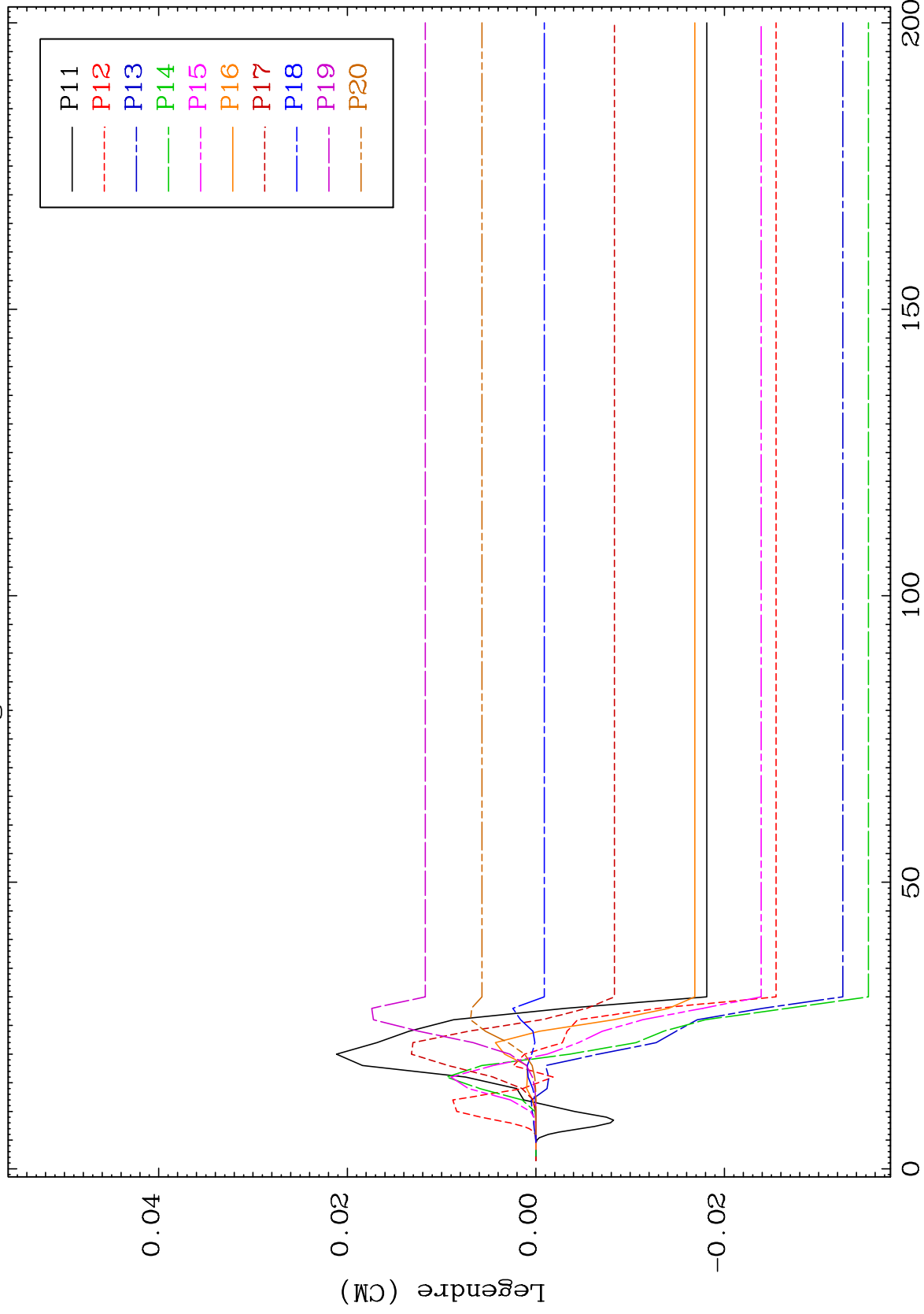
Incident Energy (MeV)

24

MAT 8192

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

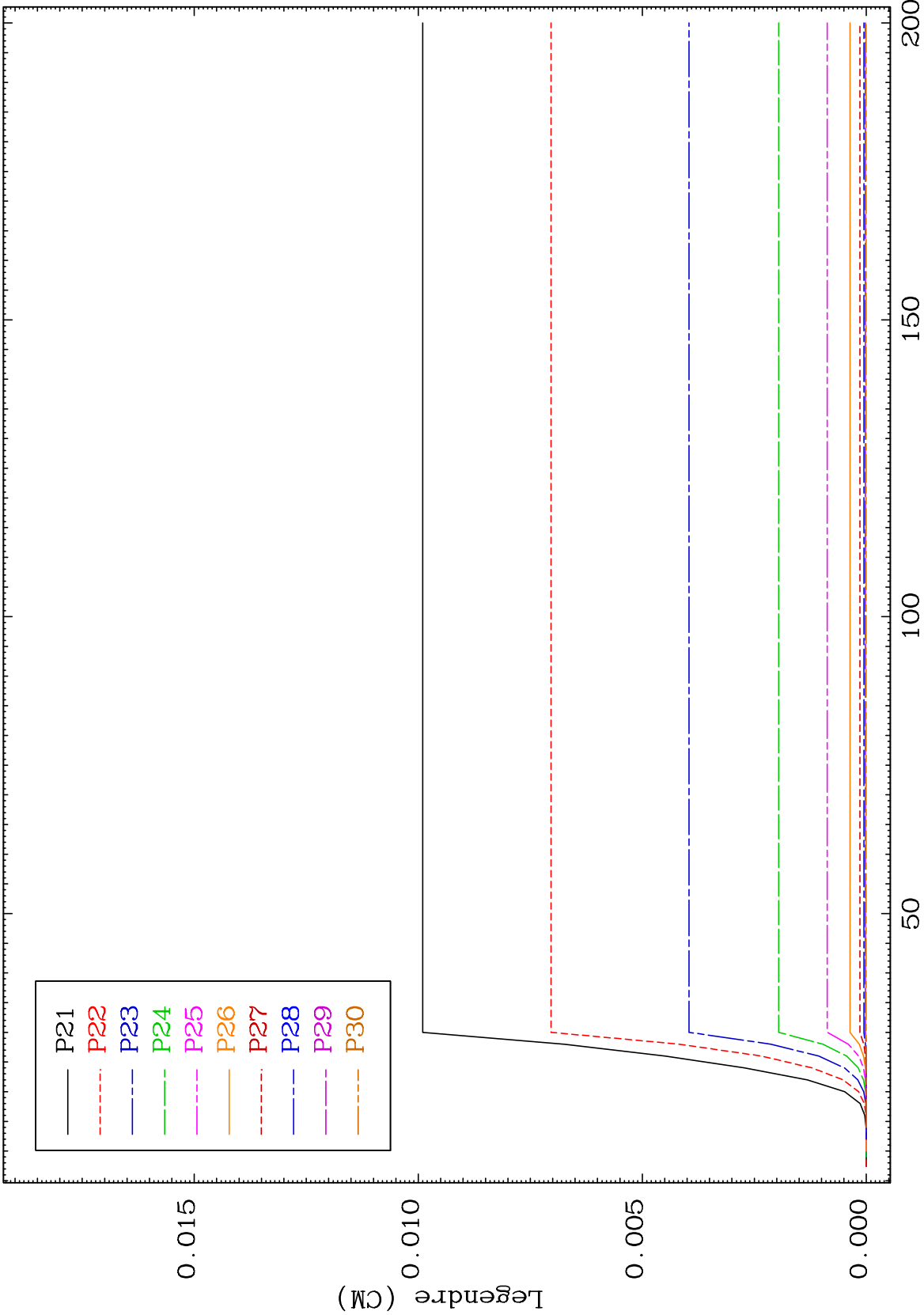
82-Pb-193



25

Incident Energy (MeV)

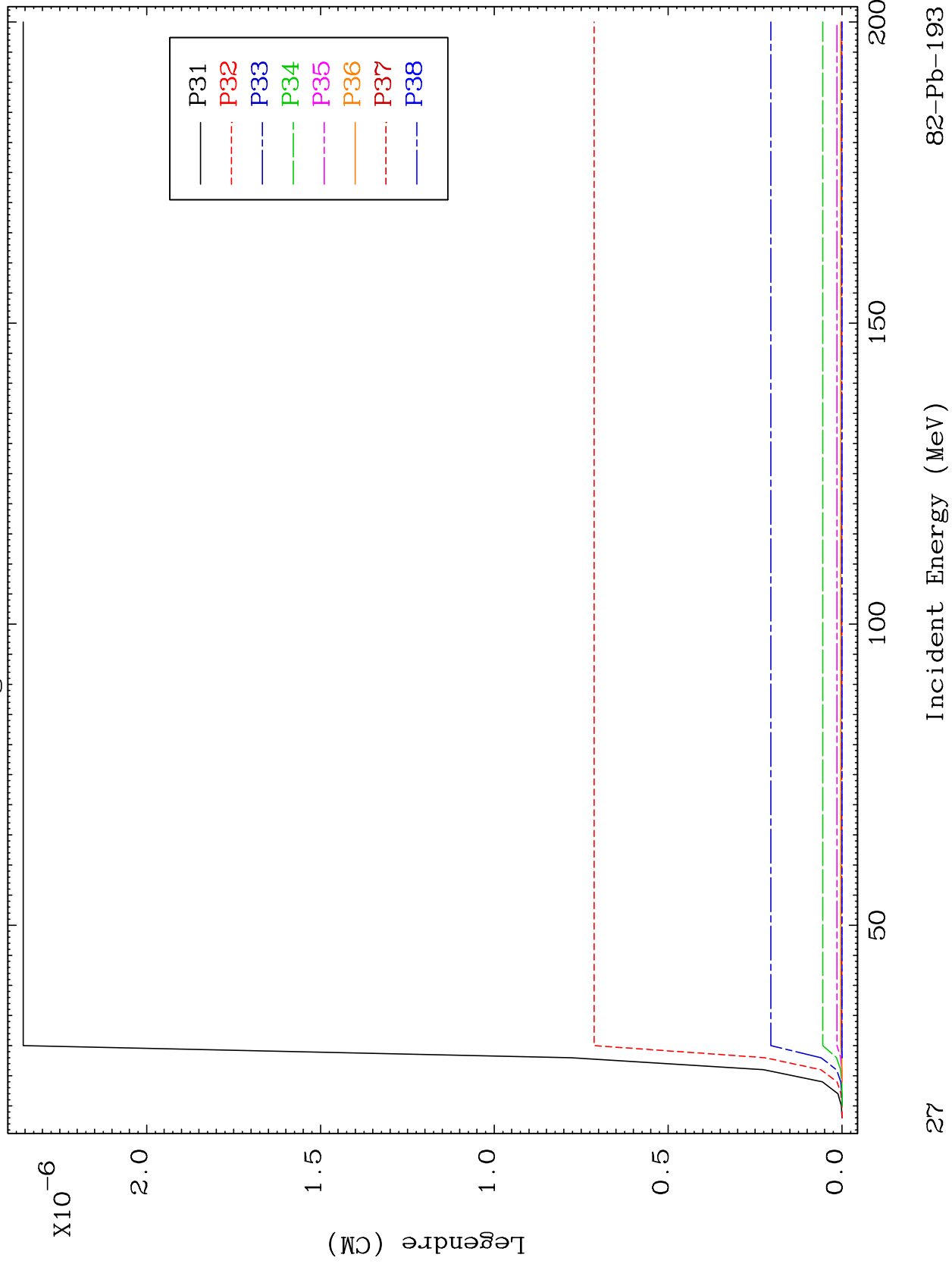
82-Pb-193



MAT 8192

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

82-Pb-193



27

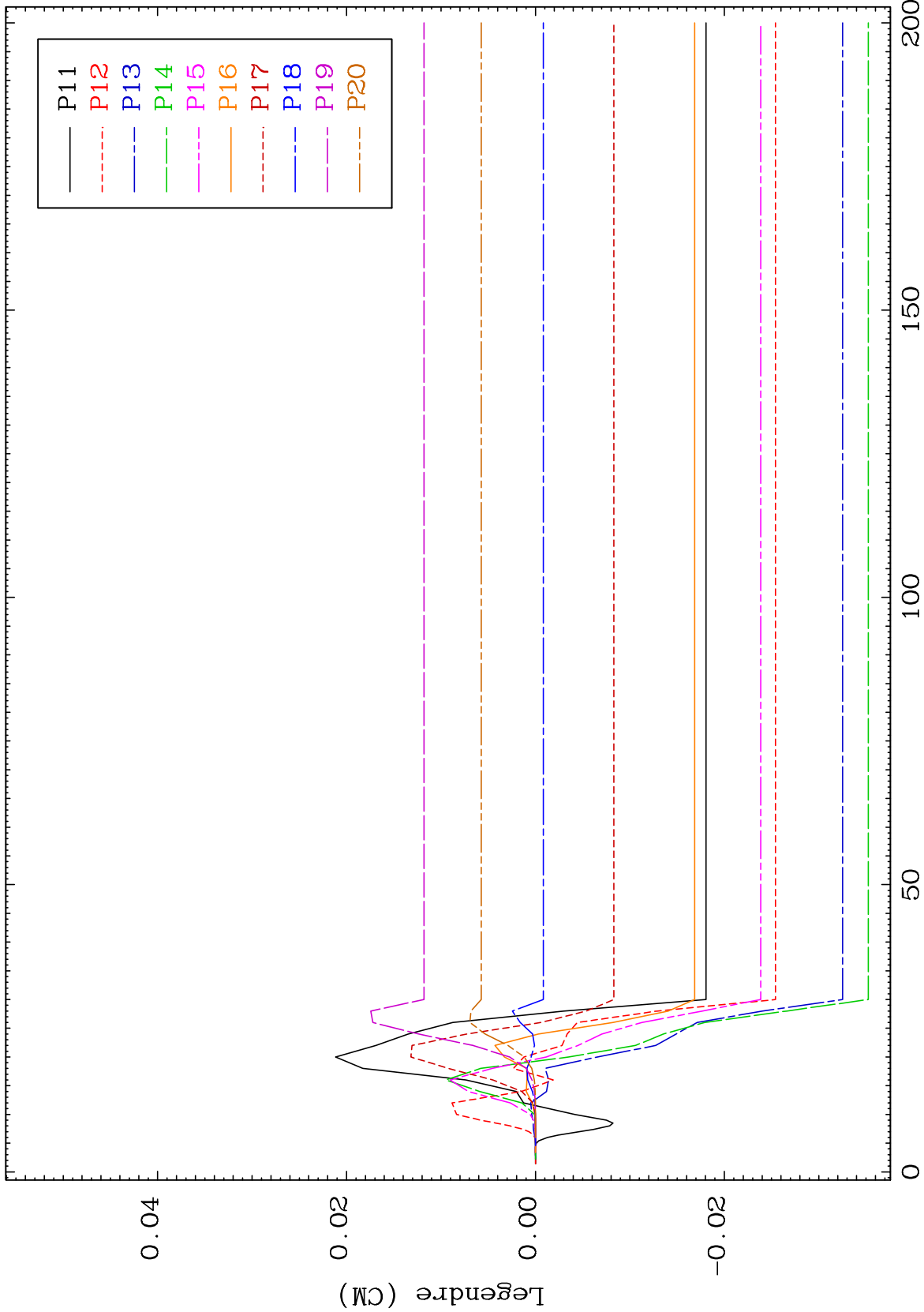
82-Pb-193



MAT 8192

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

82-Pb-193



29

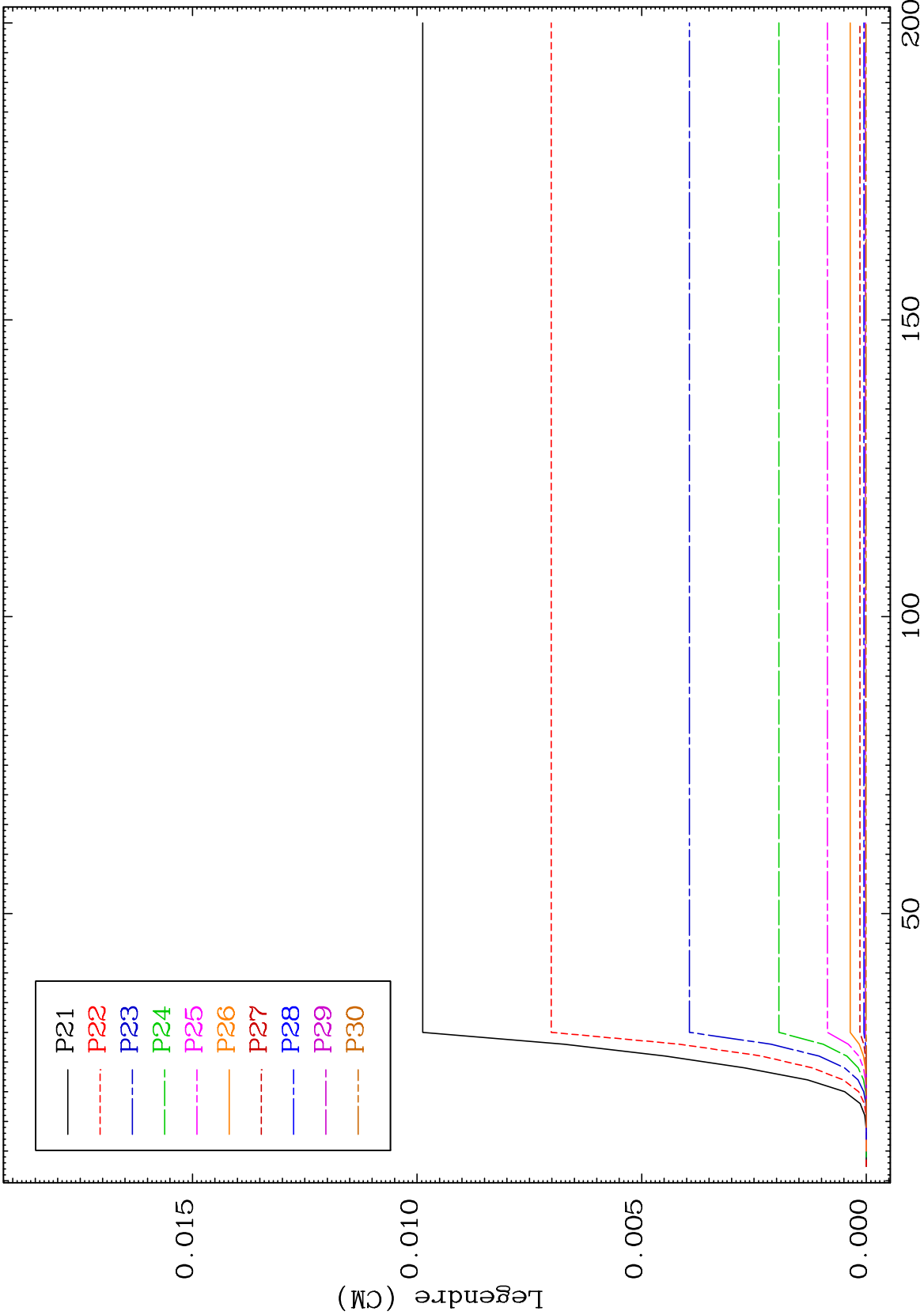
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



30

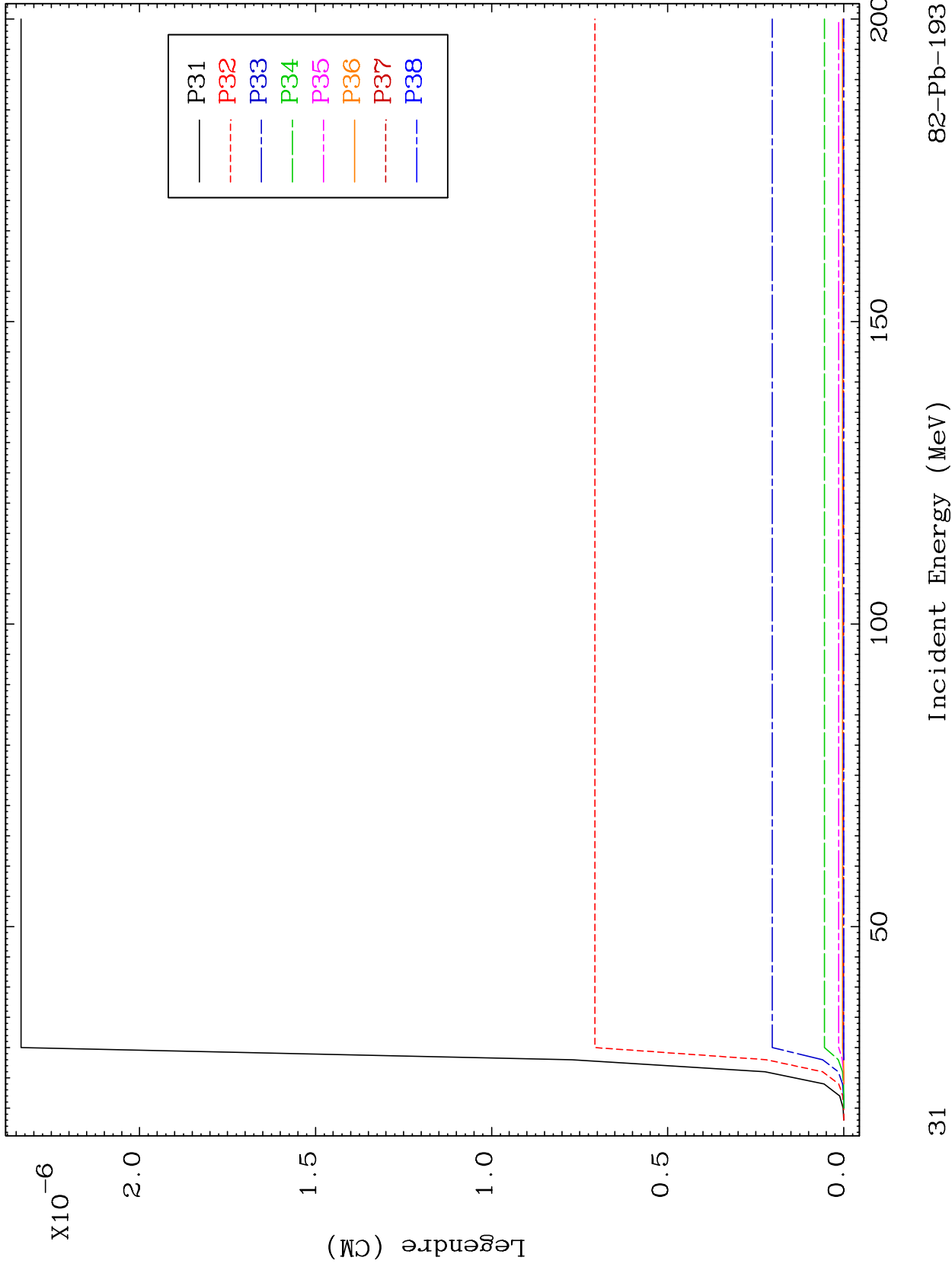
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



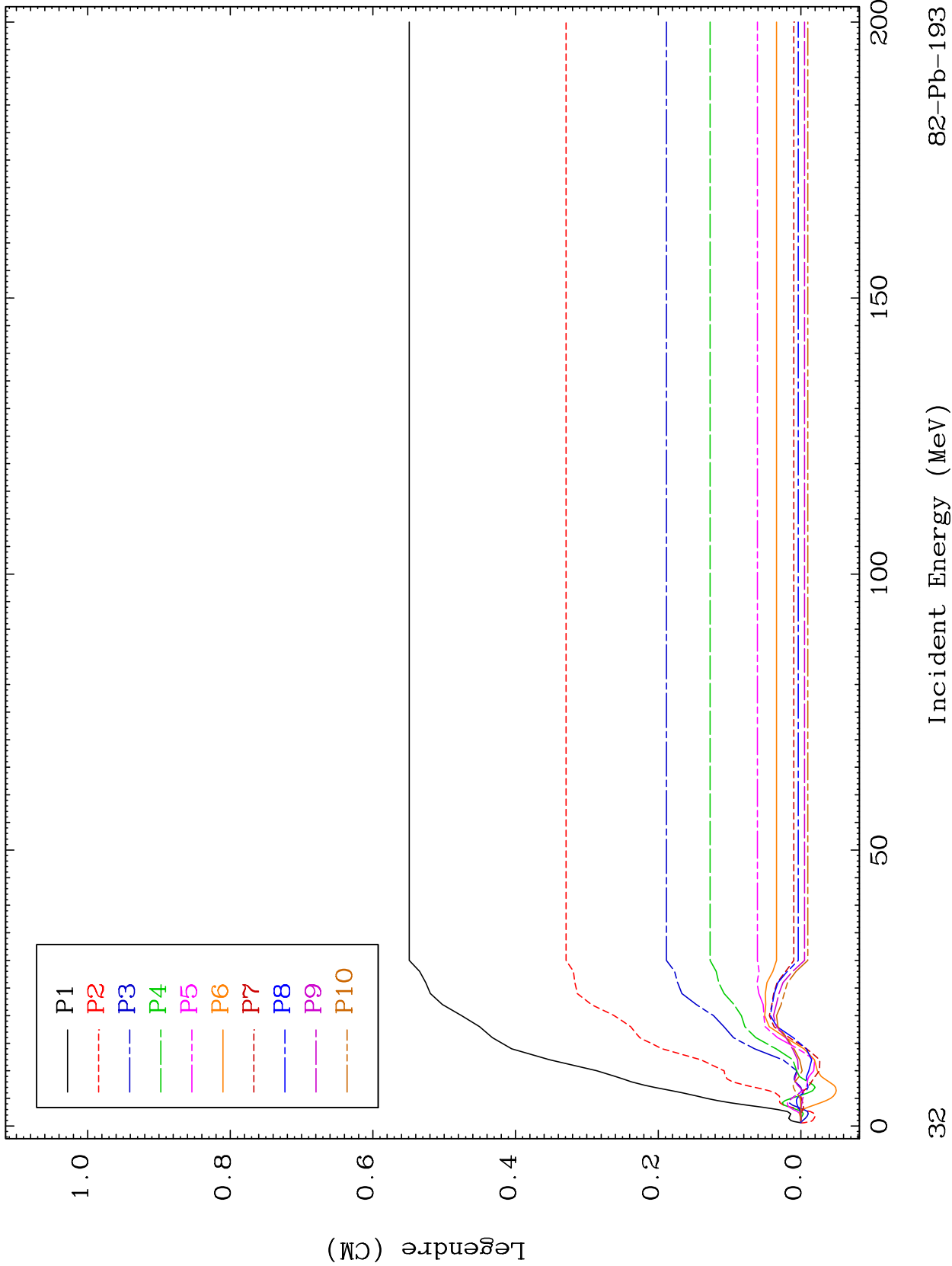
31



MAT 8192

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

82-Pb-193



32

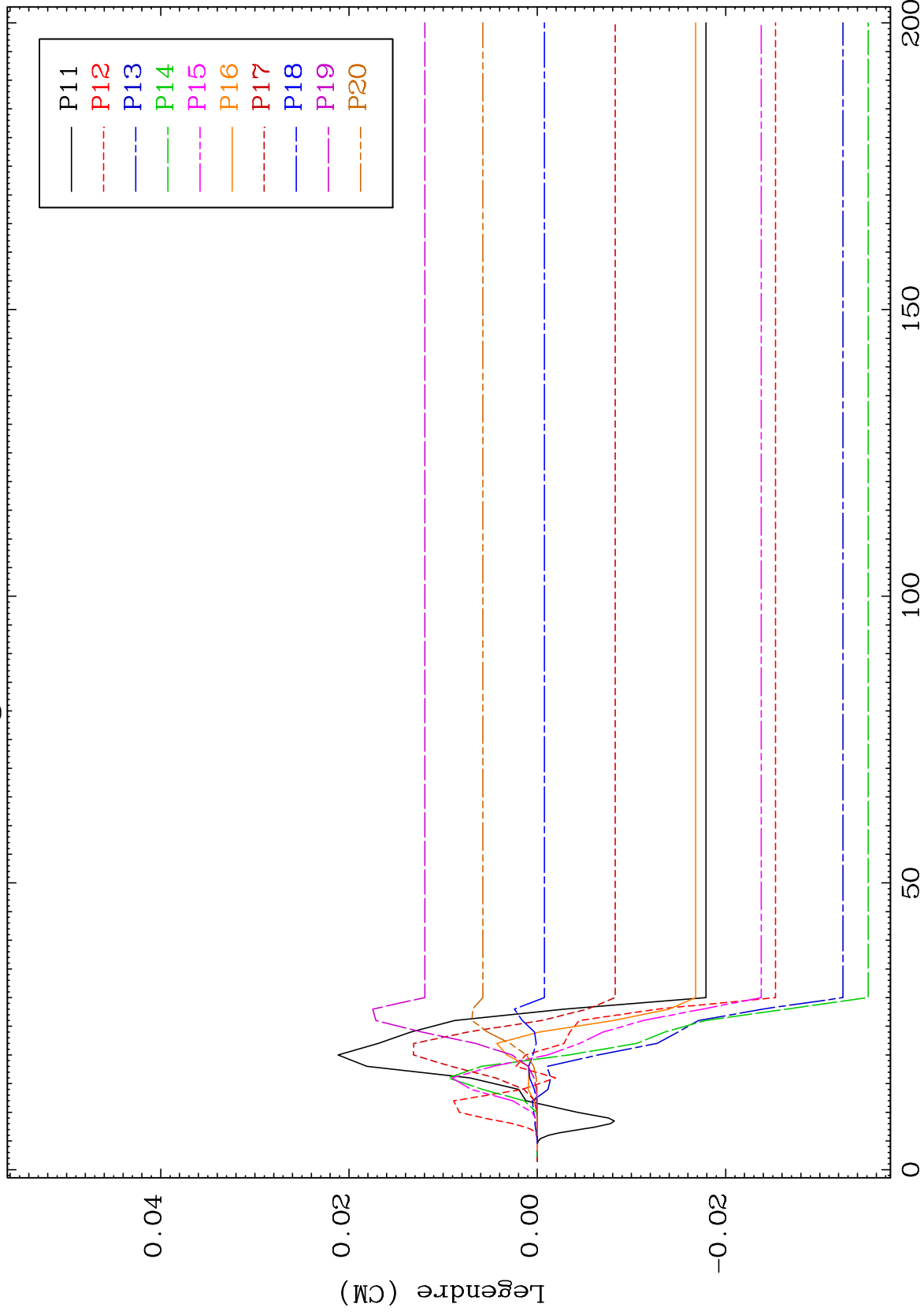
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



33

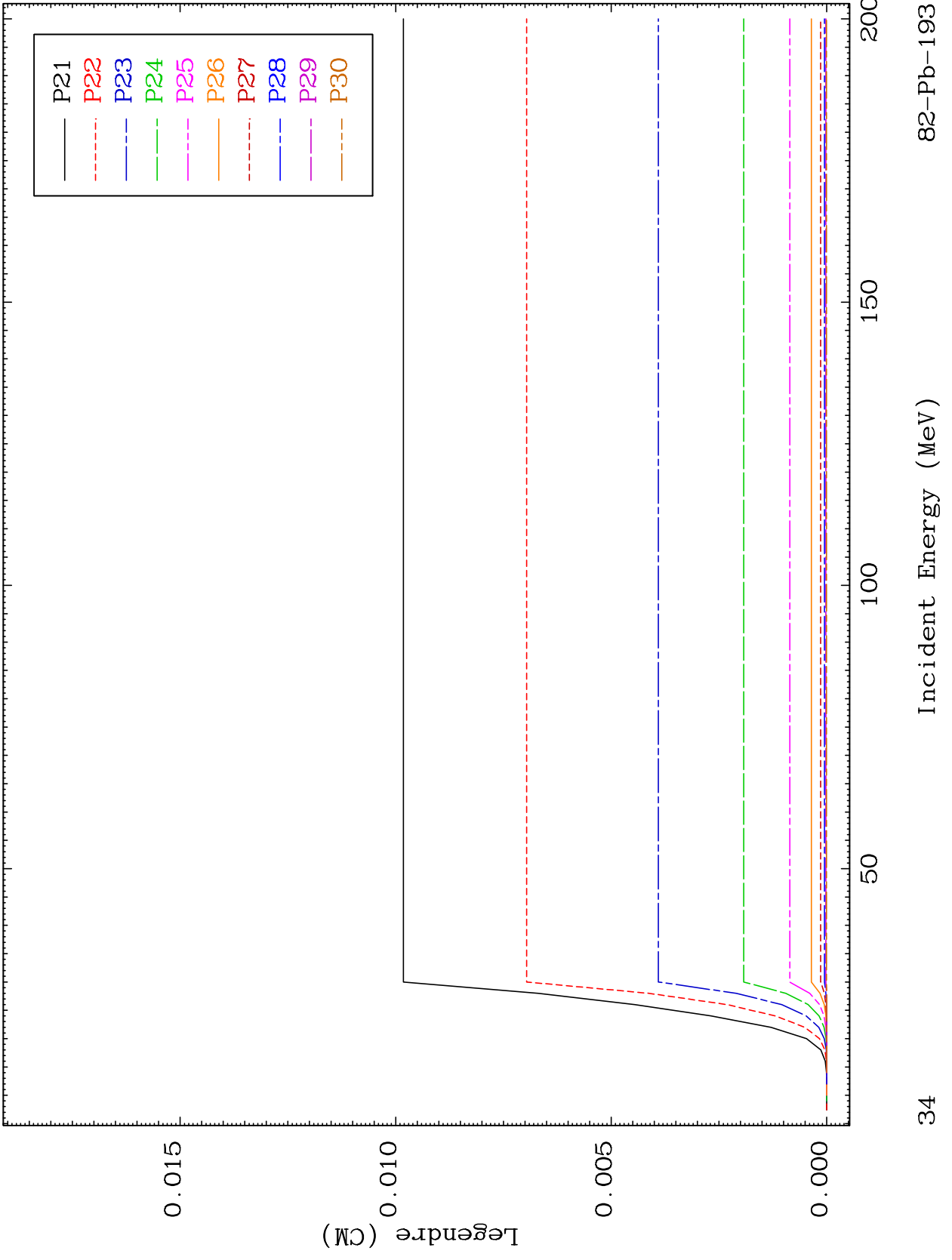
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193

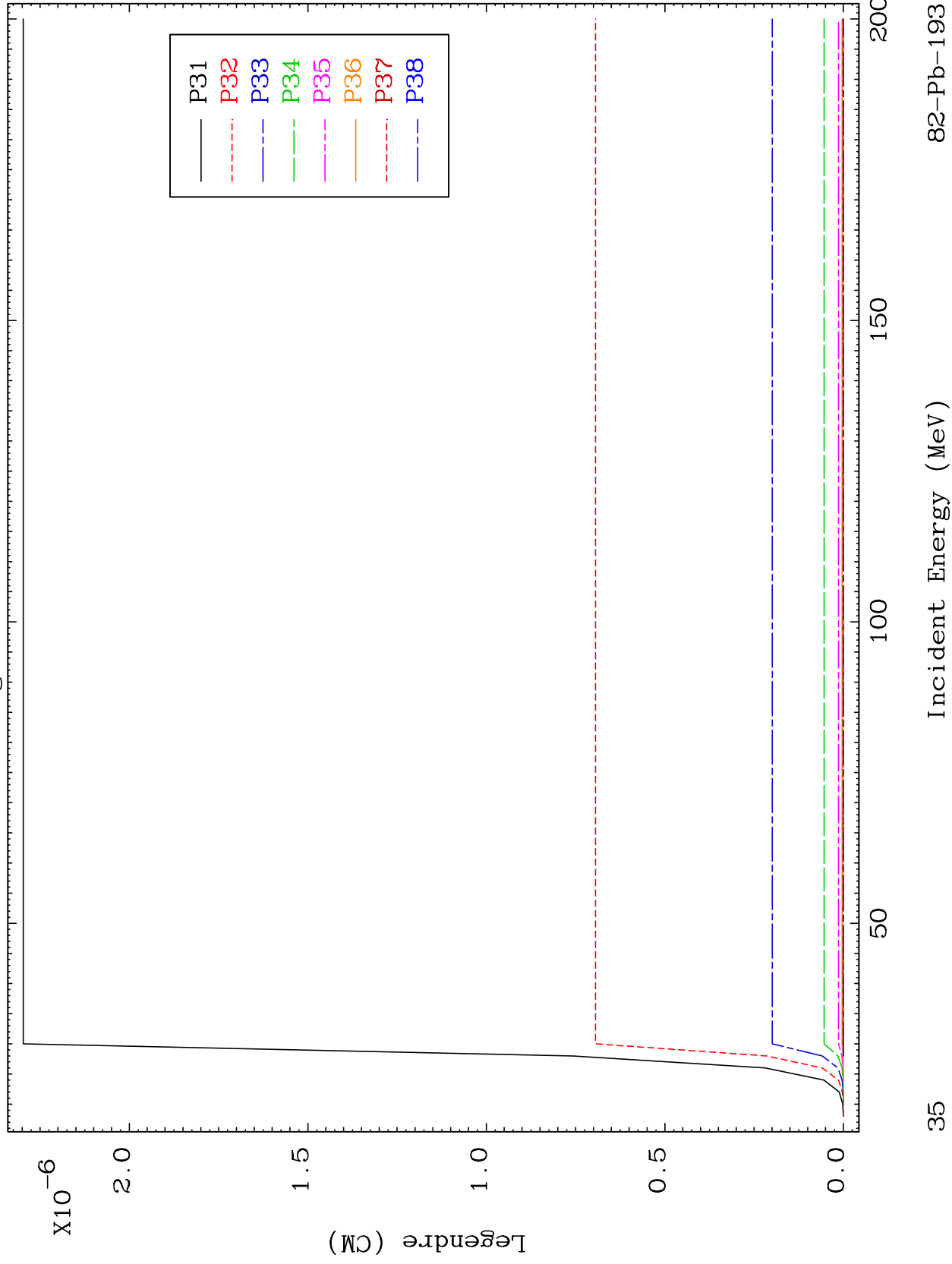


34

MAT 8192

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

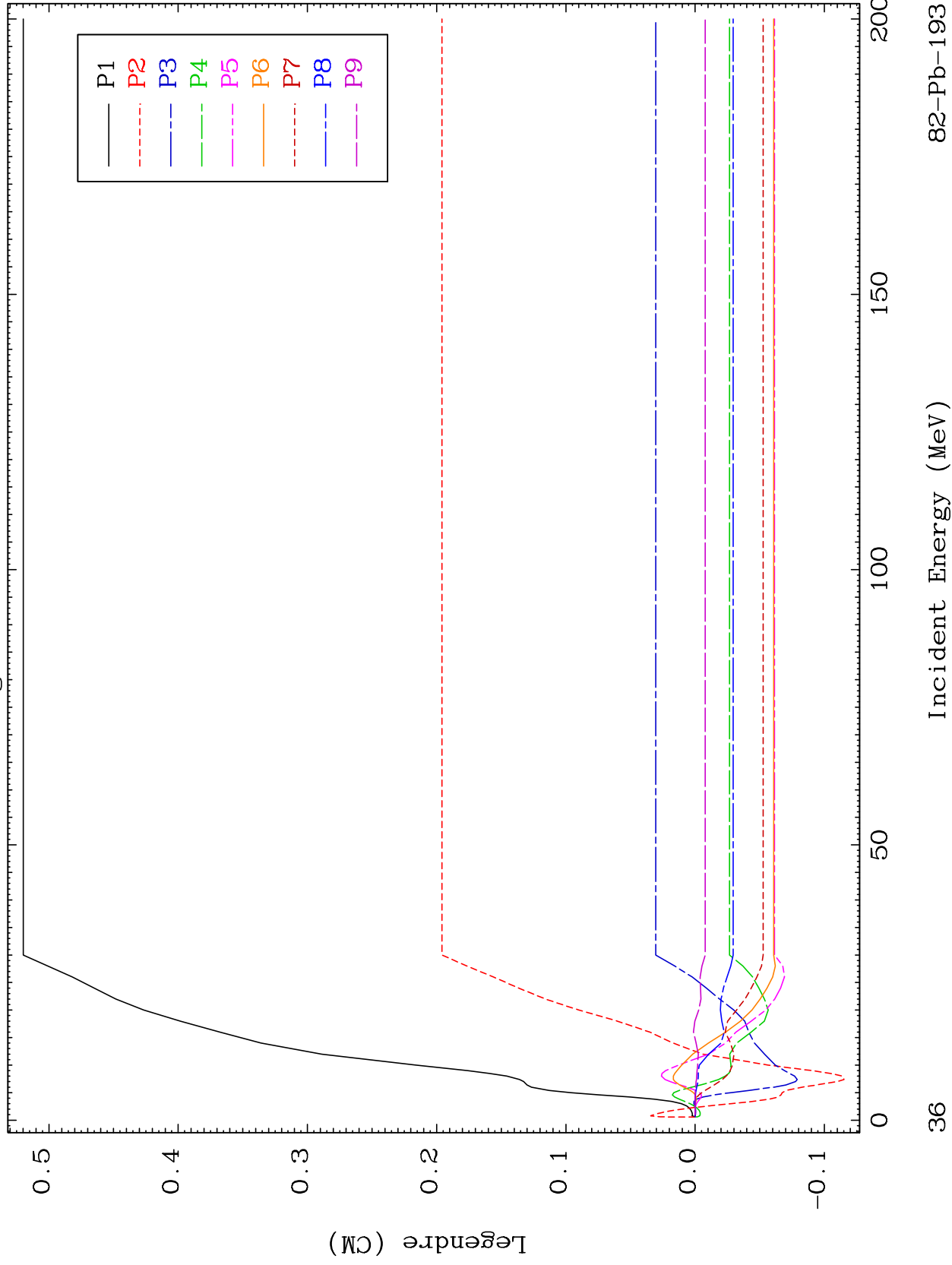
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

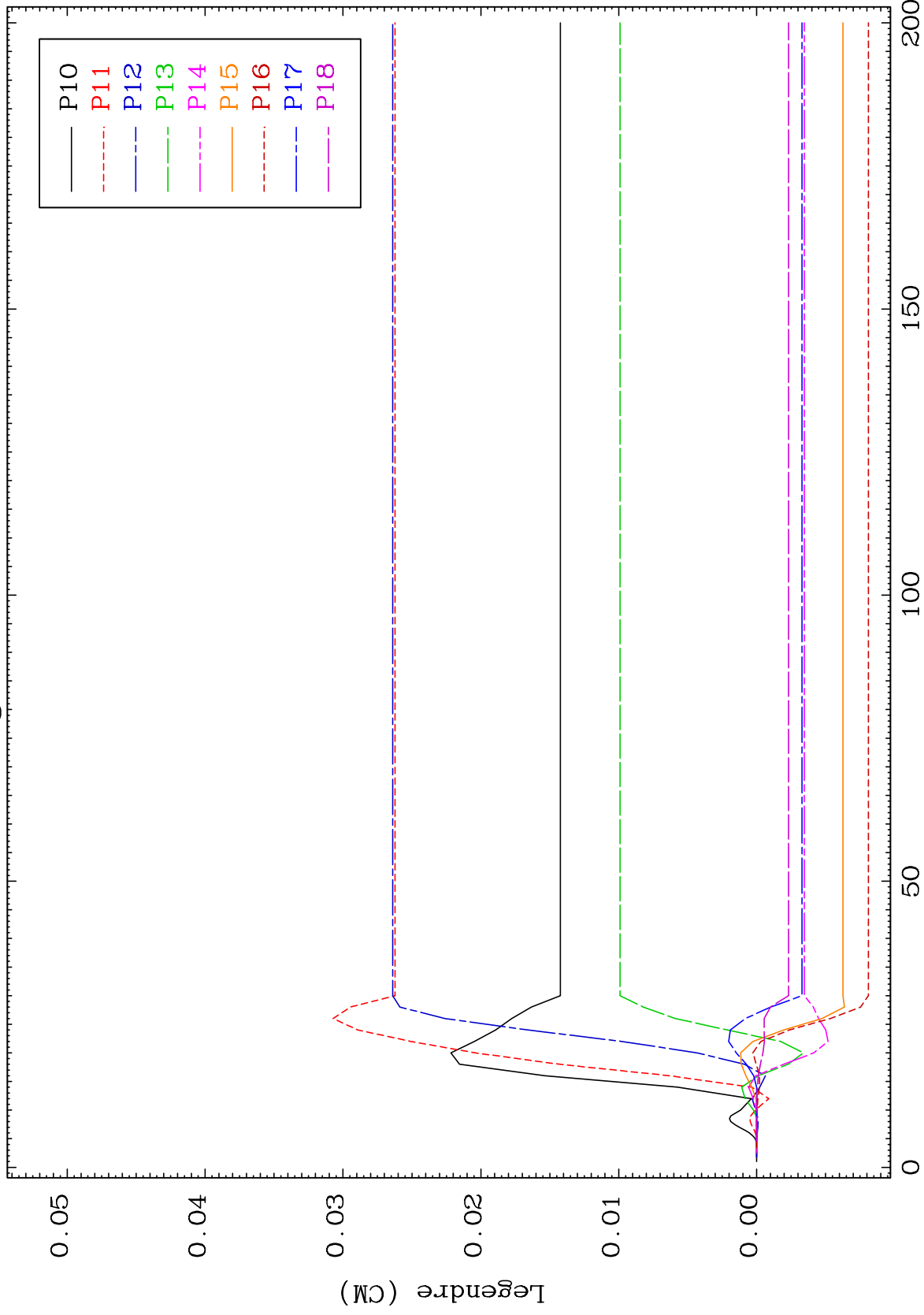
Incident Energy (MeV)

36

MAT 8192

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

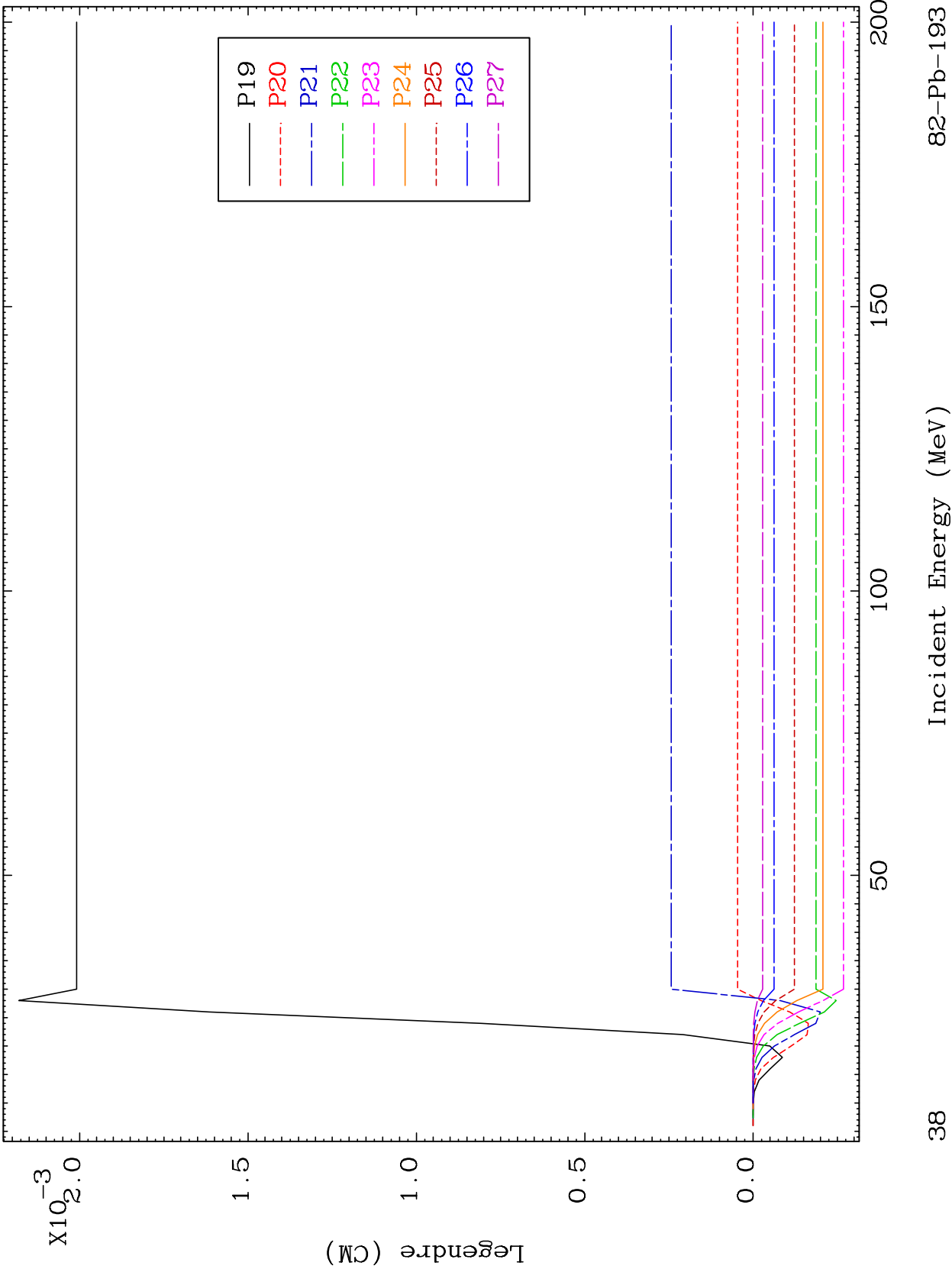
82-Pb-193



37

Incident Energy (MeV)

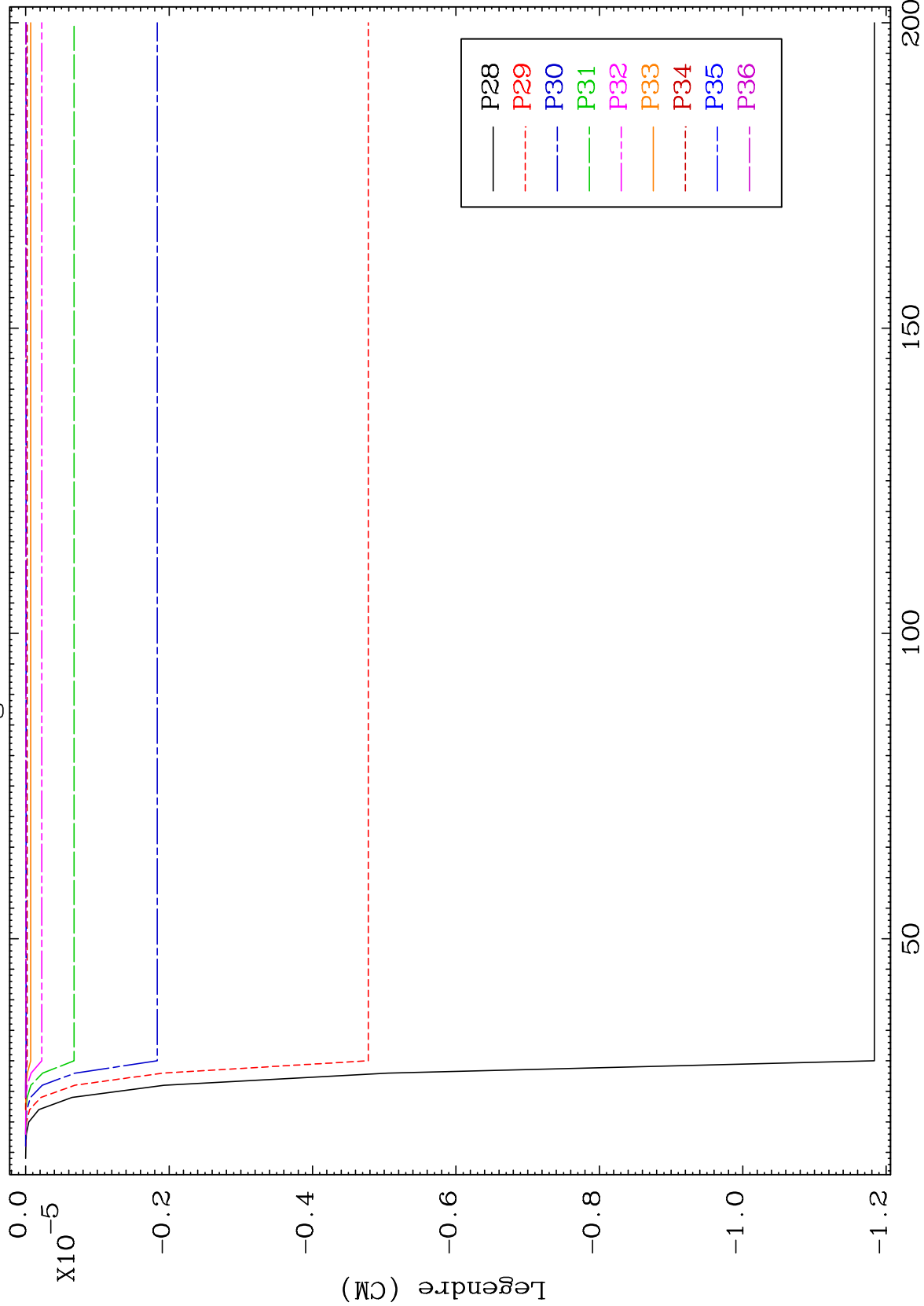
82-Pb-193



MAT 8192

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

82-Pb-193



39

Incident Energy (MeV)

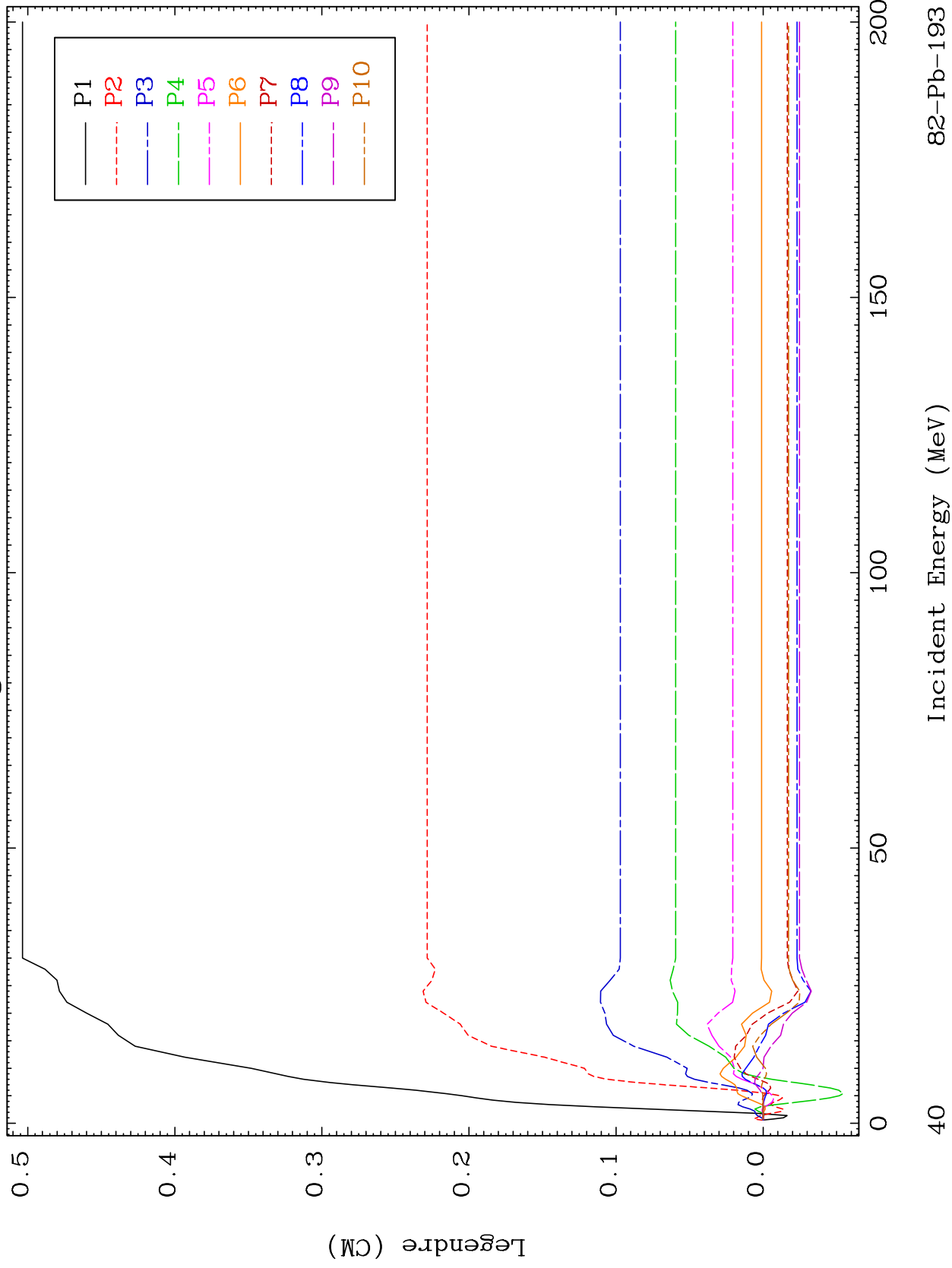
82-Pb-193



MAT 8192

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

82-Pb-193

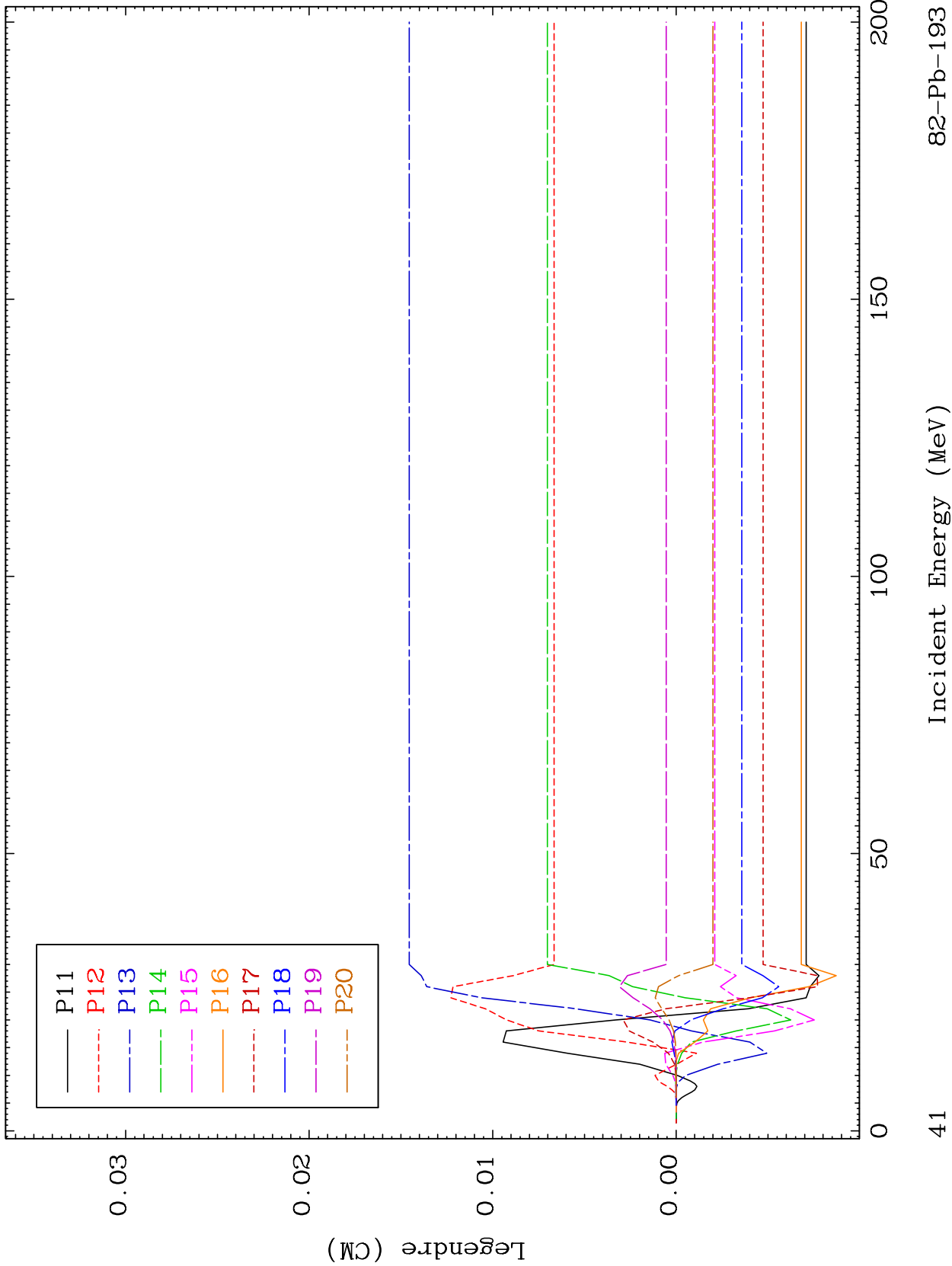


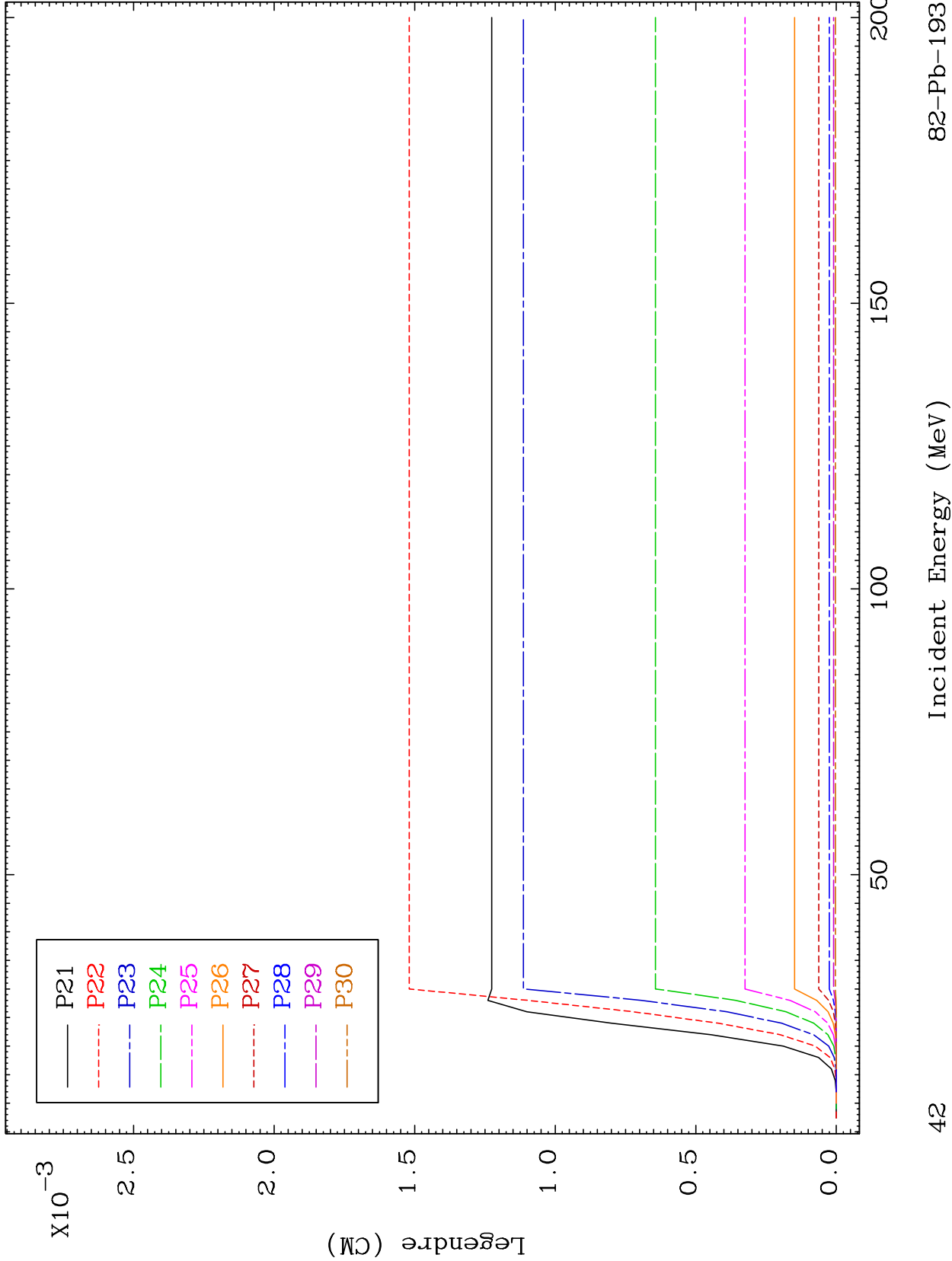
82-Pb-193

MAT 8192

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

82-Pb-193

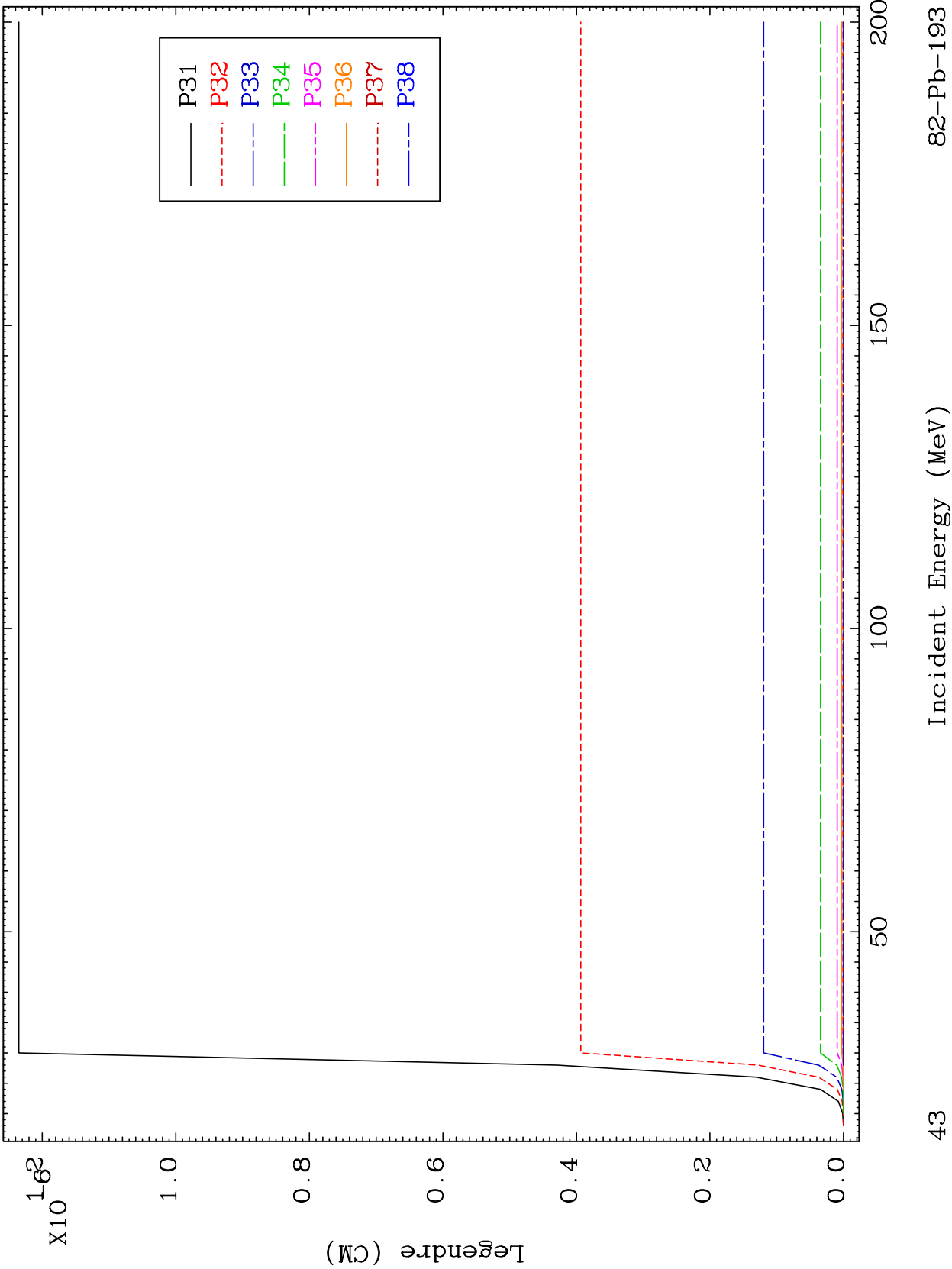




MAT 8192

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

82-Pb-193



43

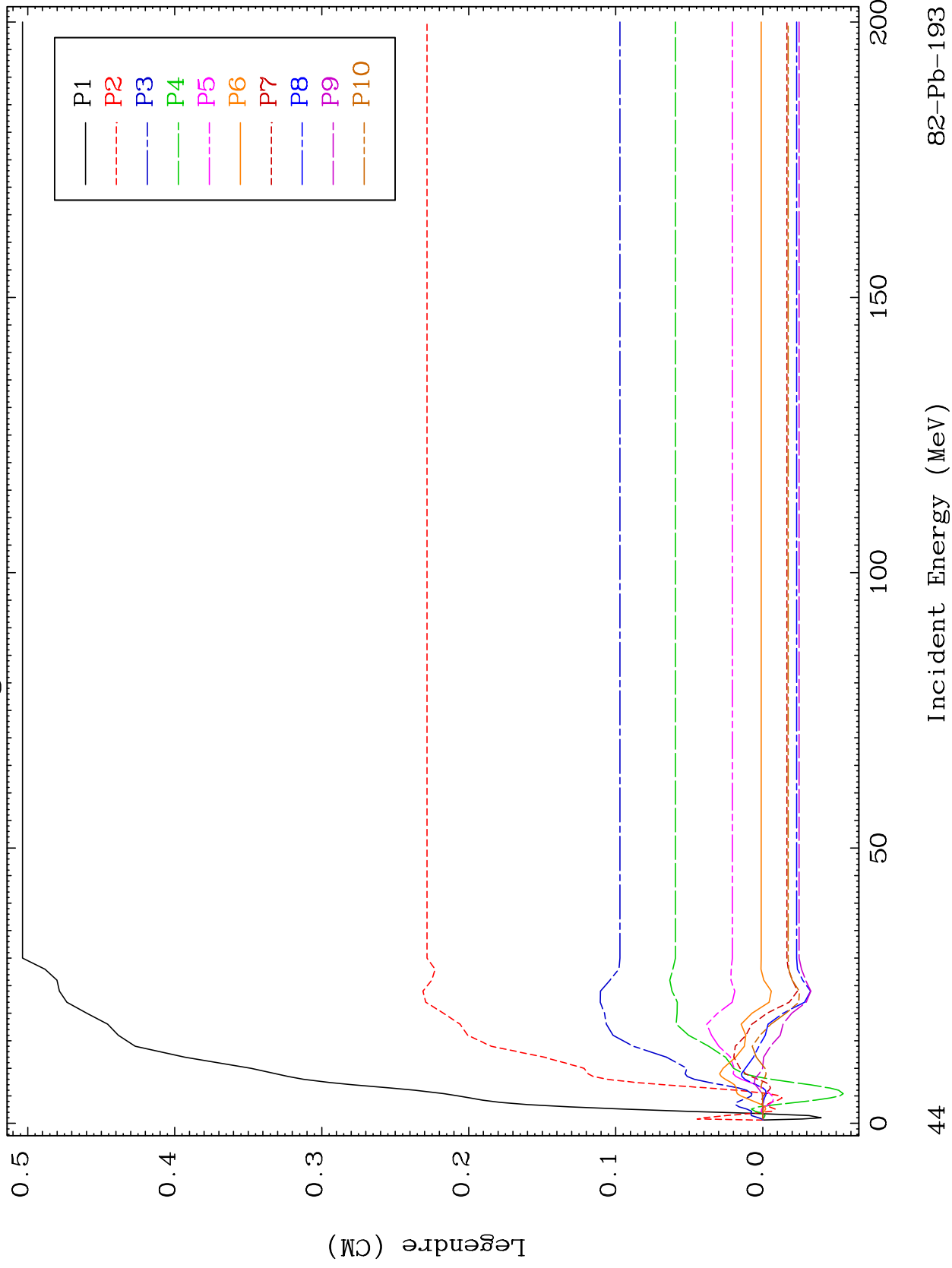
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

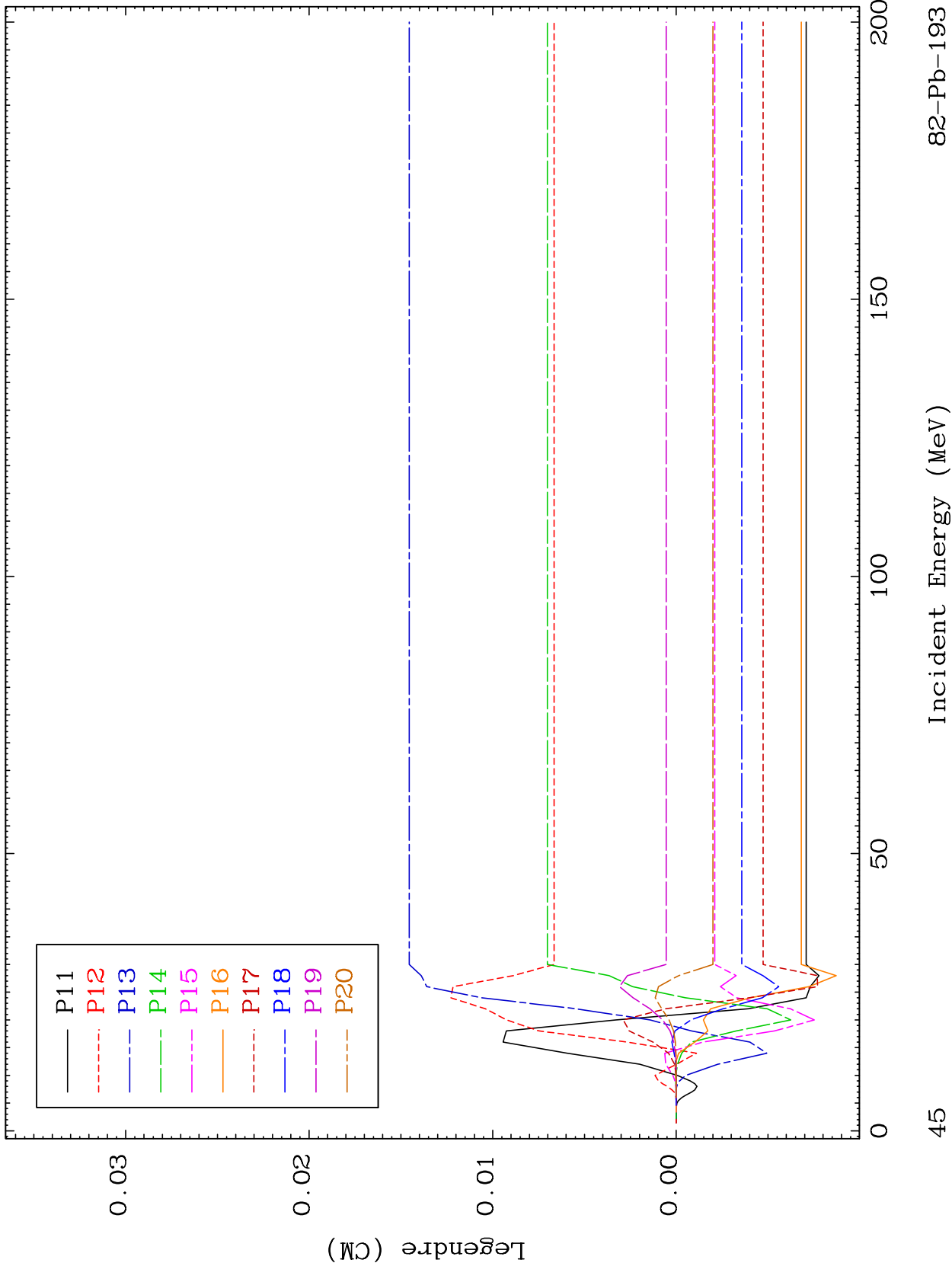
Incident Energy (MeV)

44

MAT 8192

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

82-Pb-193



82-Pb-193

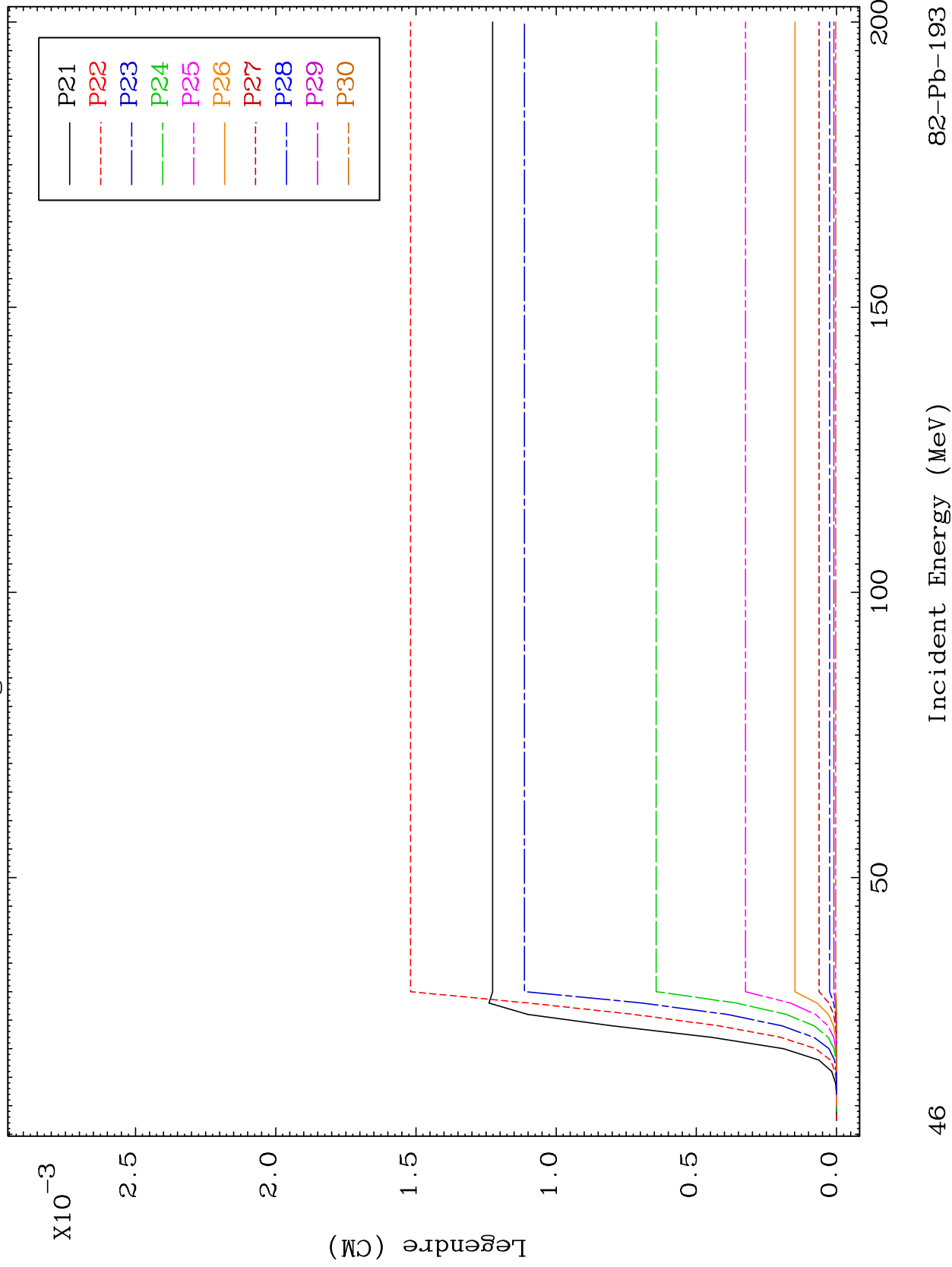
Incident Energy (MeV)

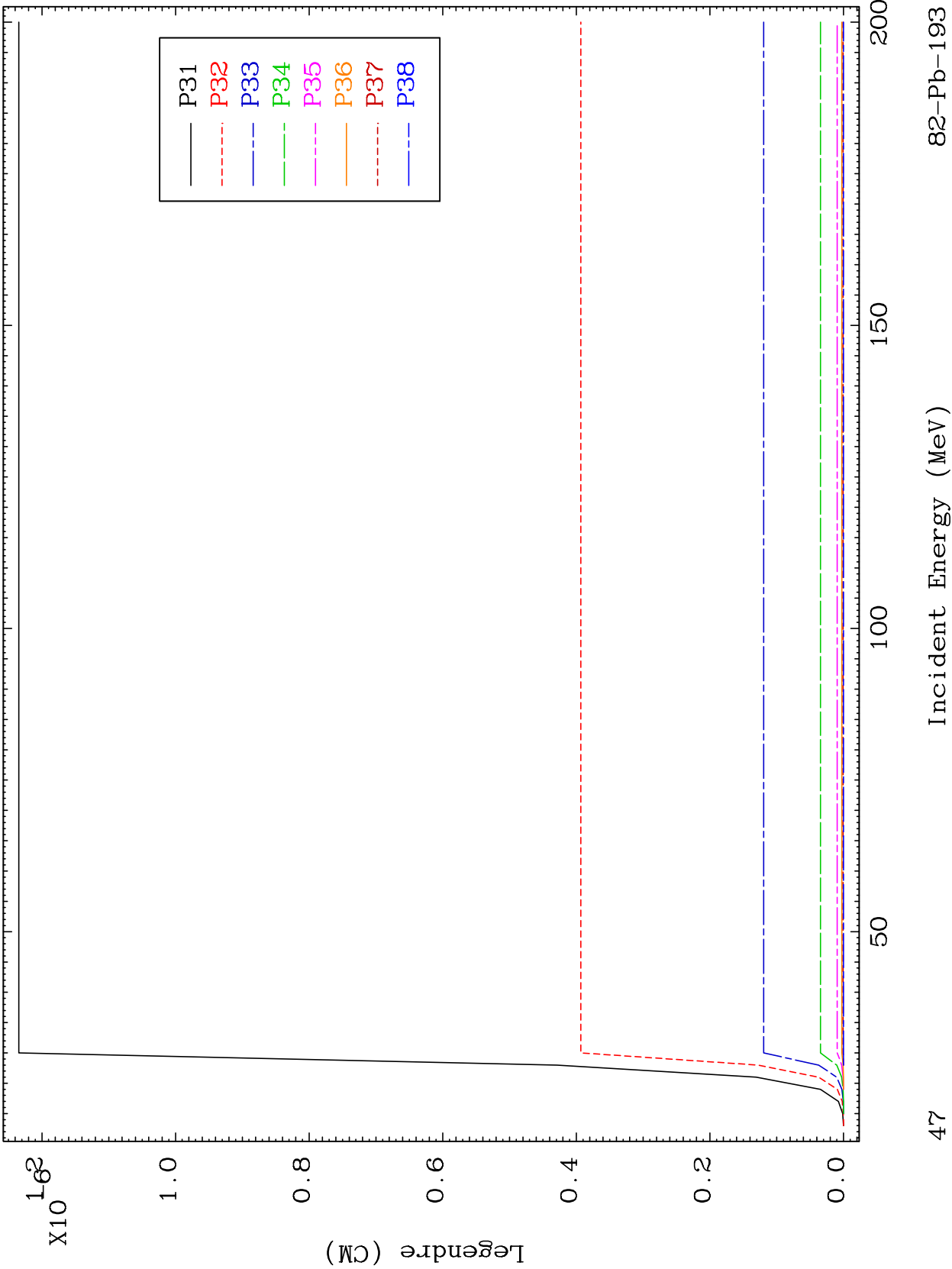
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MAT 8192

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

82-Pb-193



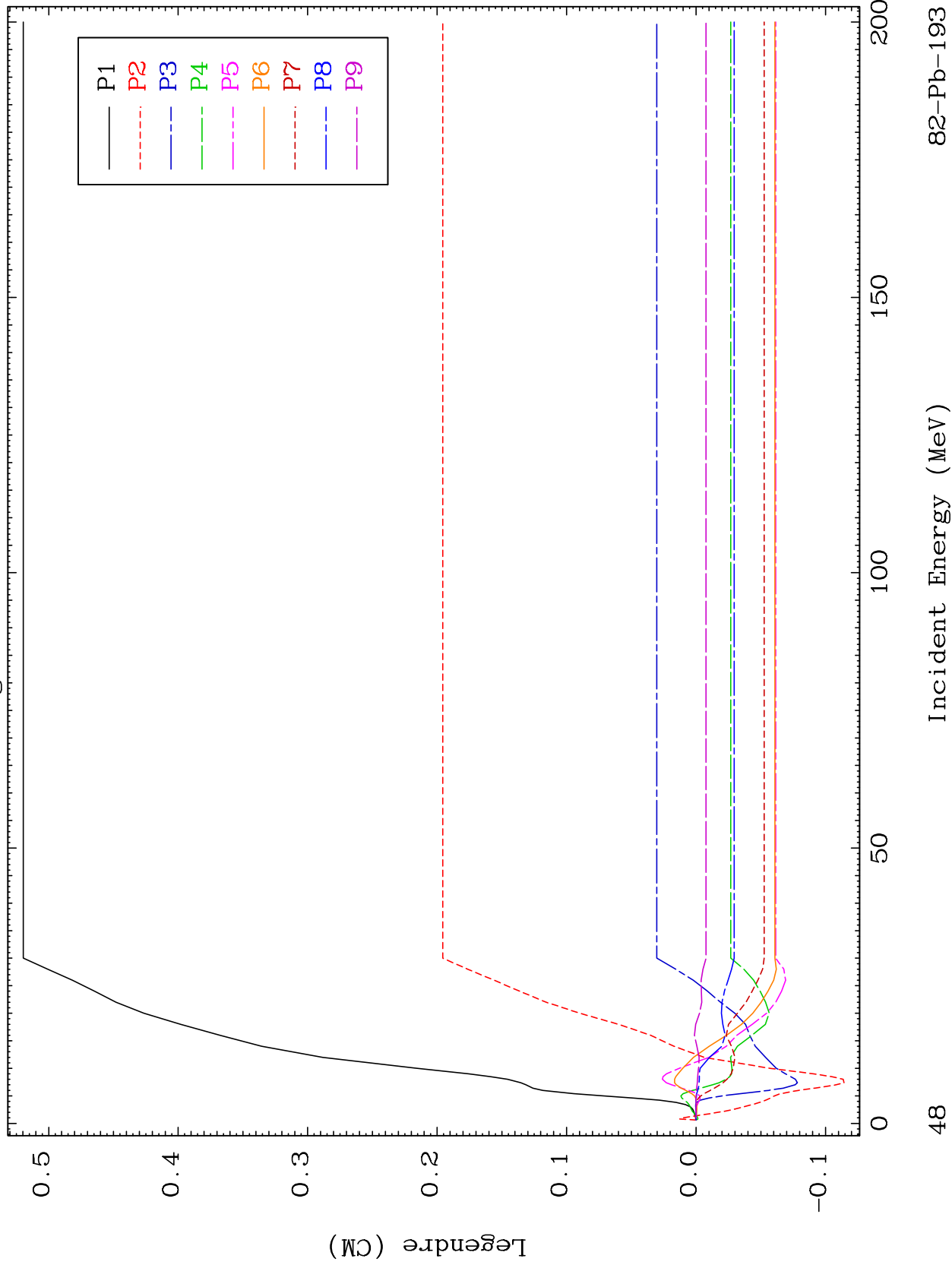




MAT 8192

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

82-Pb-193



82-Pb-193

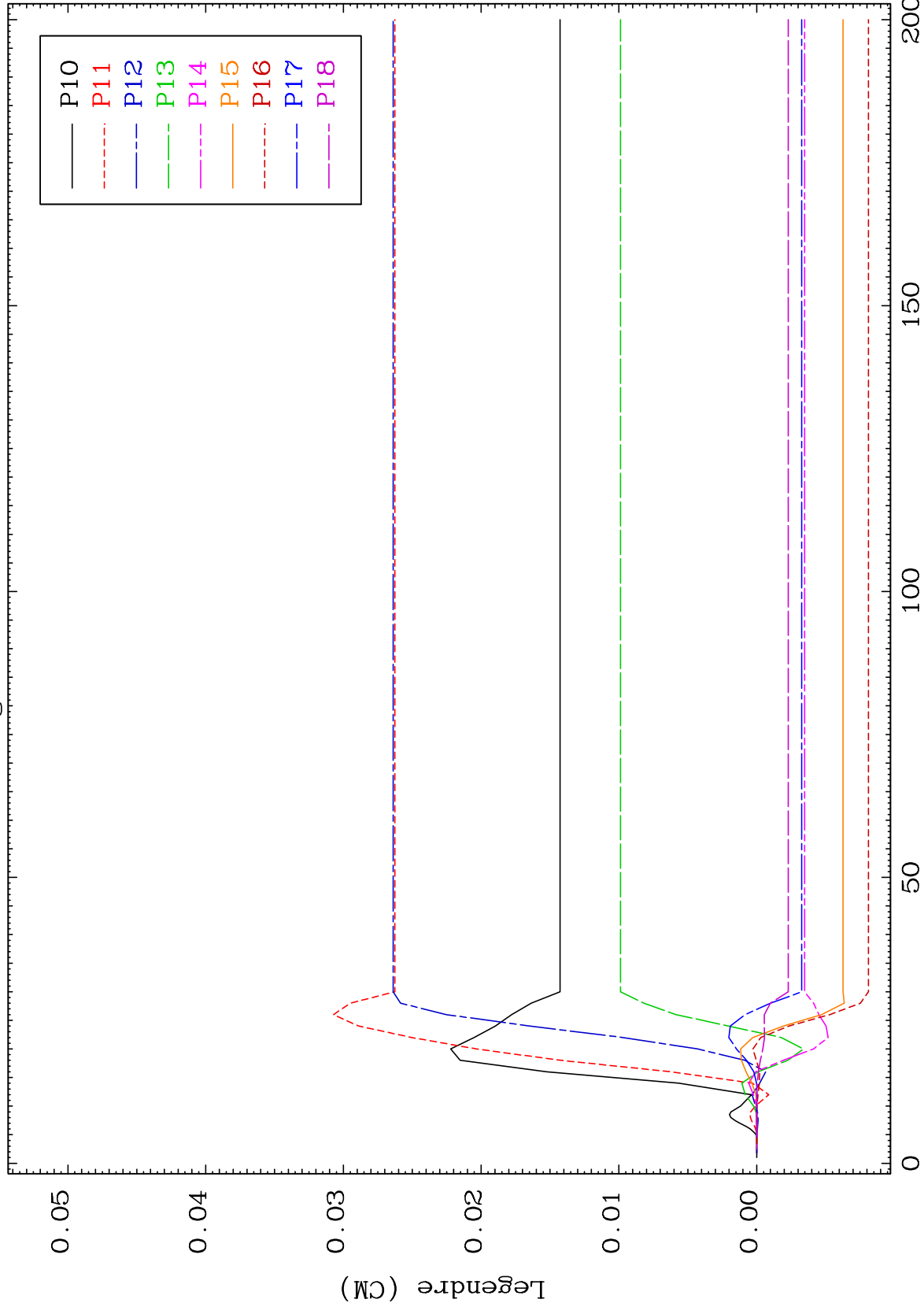
Incident Energy (MeV)

48

MAT 8192

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

82-Pb-193



49

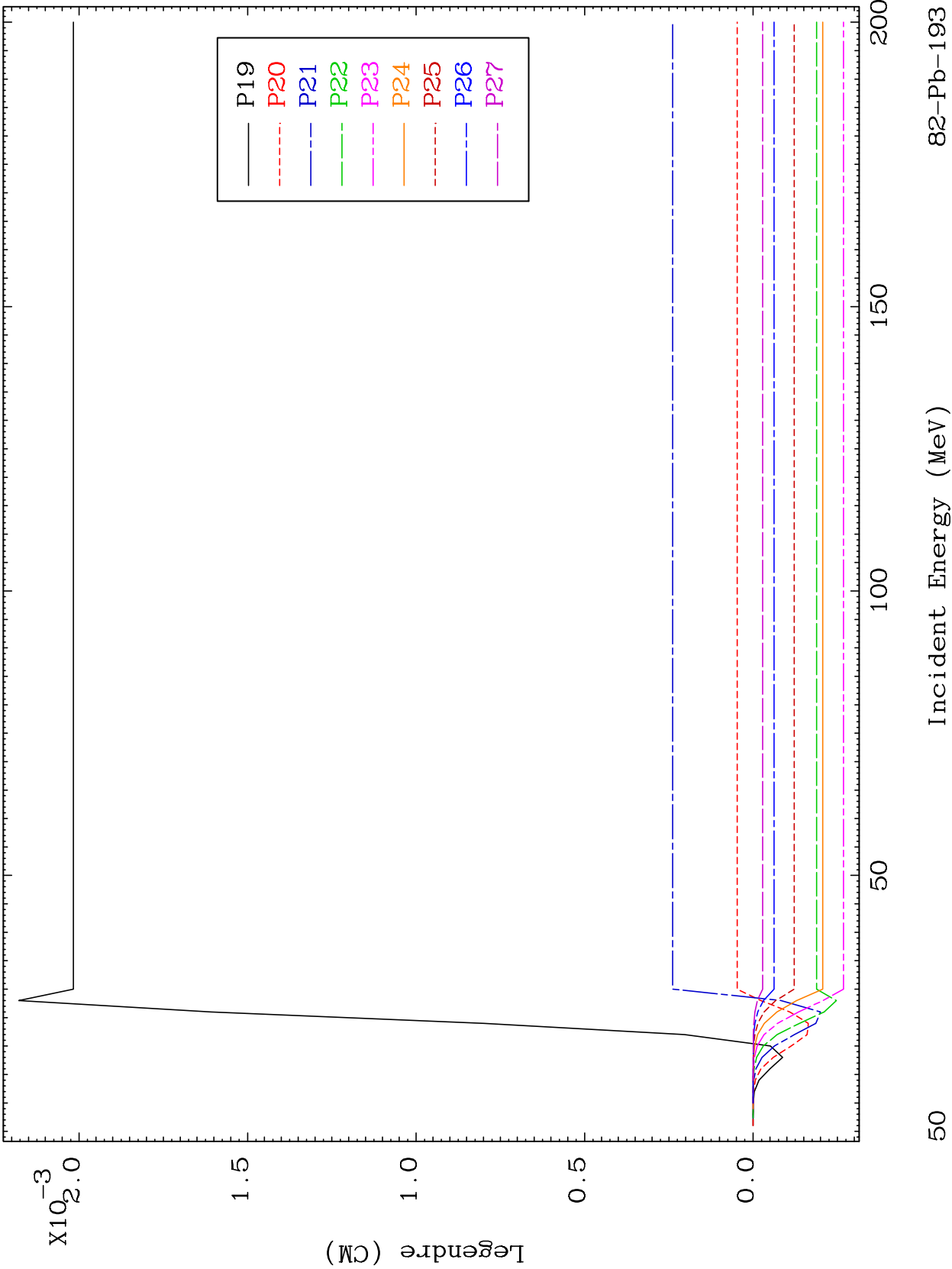
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

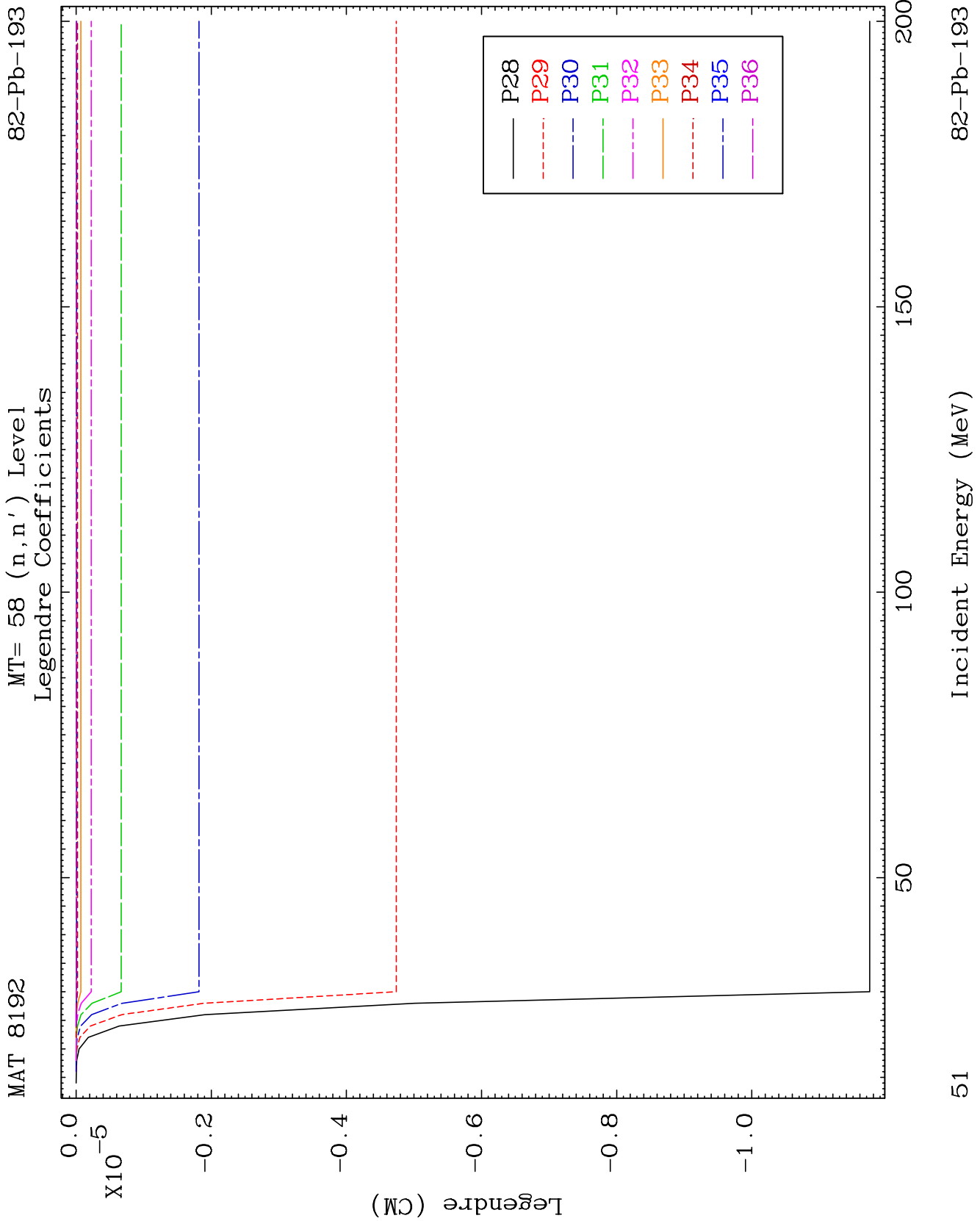
82-Pb-193



82-Pb-193

Incident Energy (MeV)

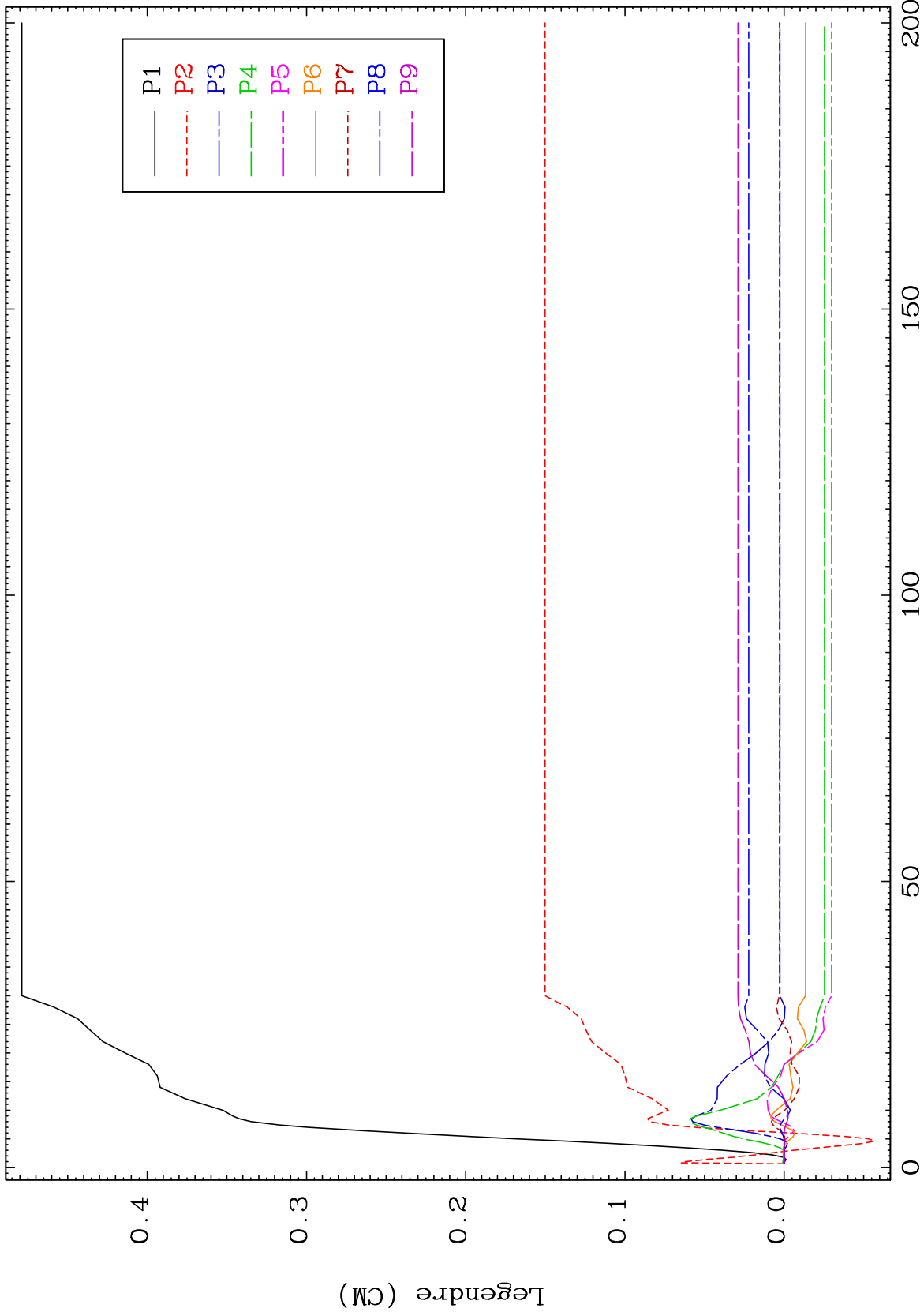
50



MAT 8192

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

82-Pb-193



82-Pb-193

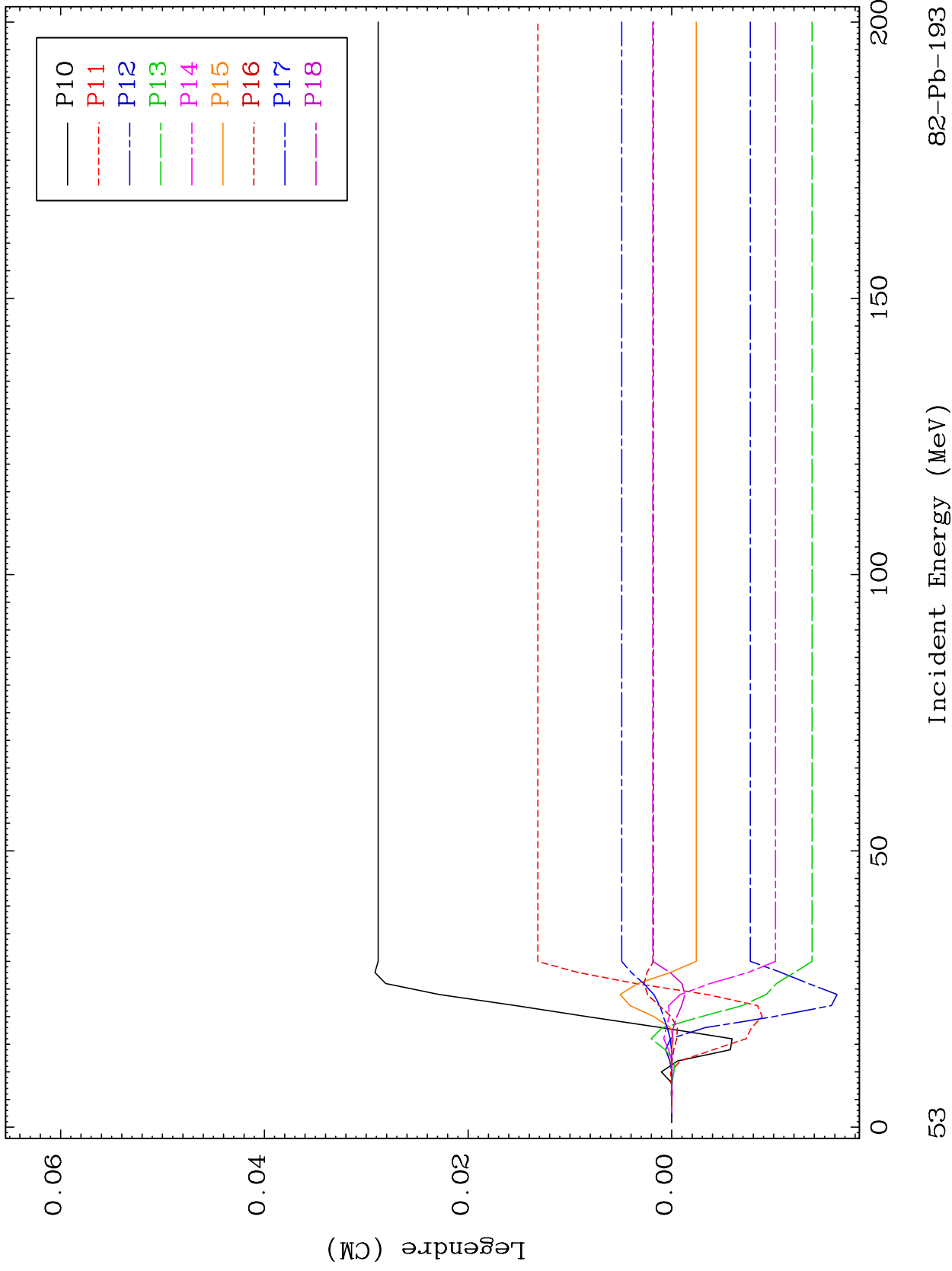
Incident Energy (MeV)

52

MAT 8192

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

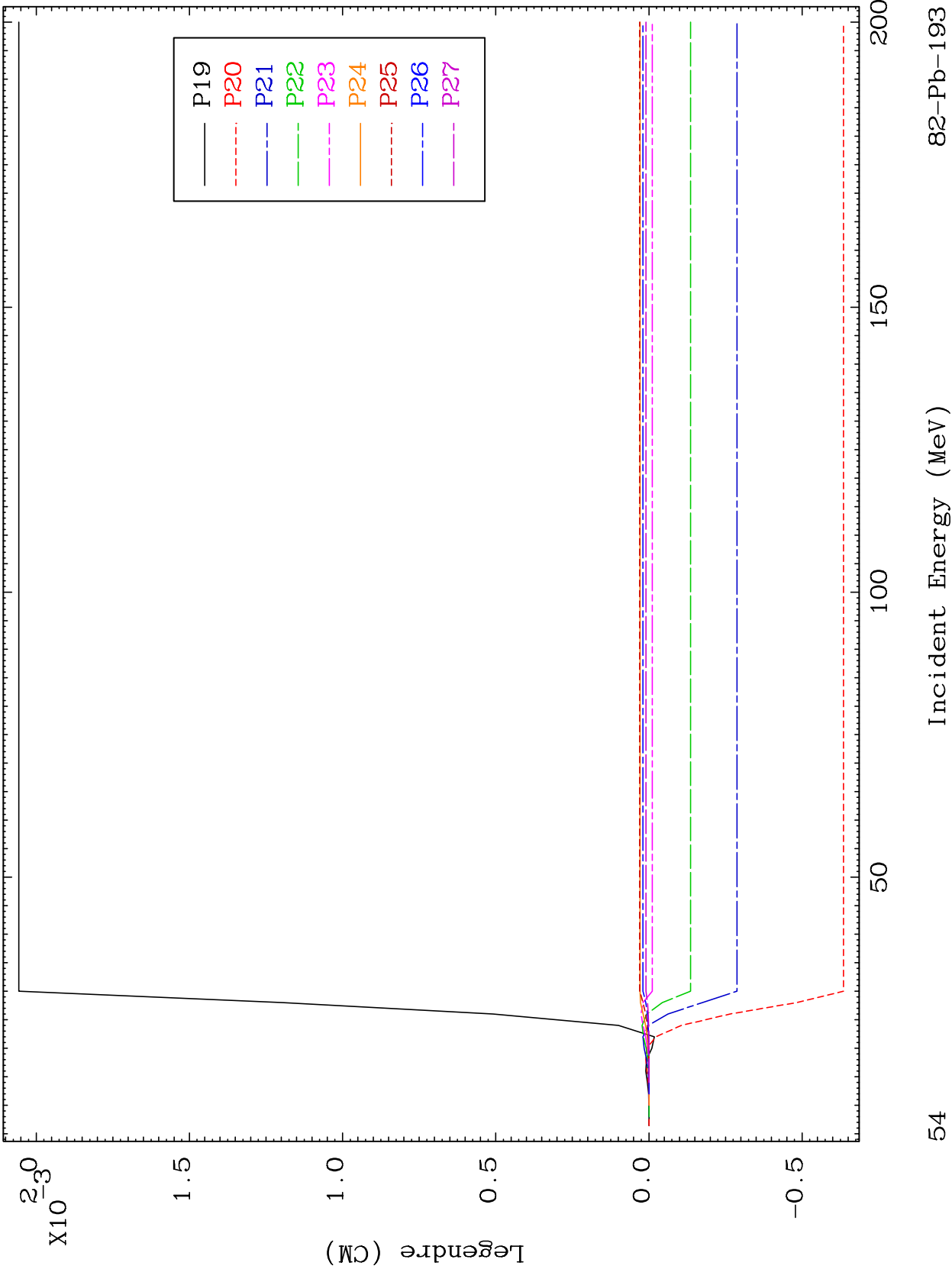
82-Pb-193



53

Incident Energy (MeV)

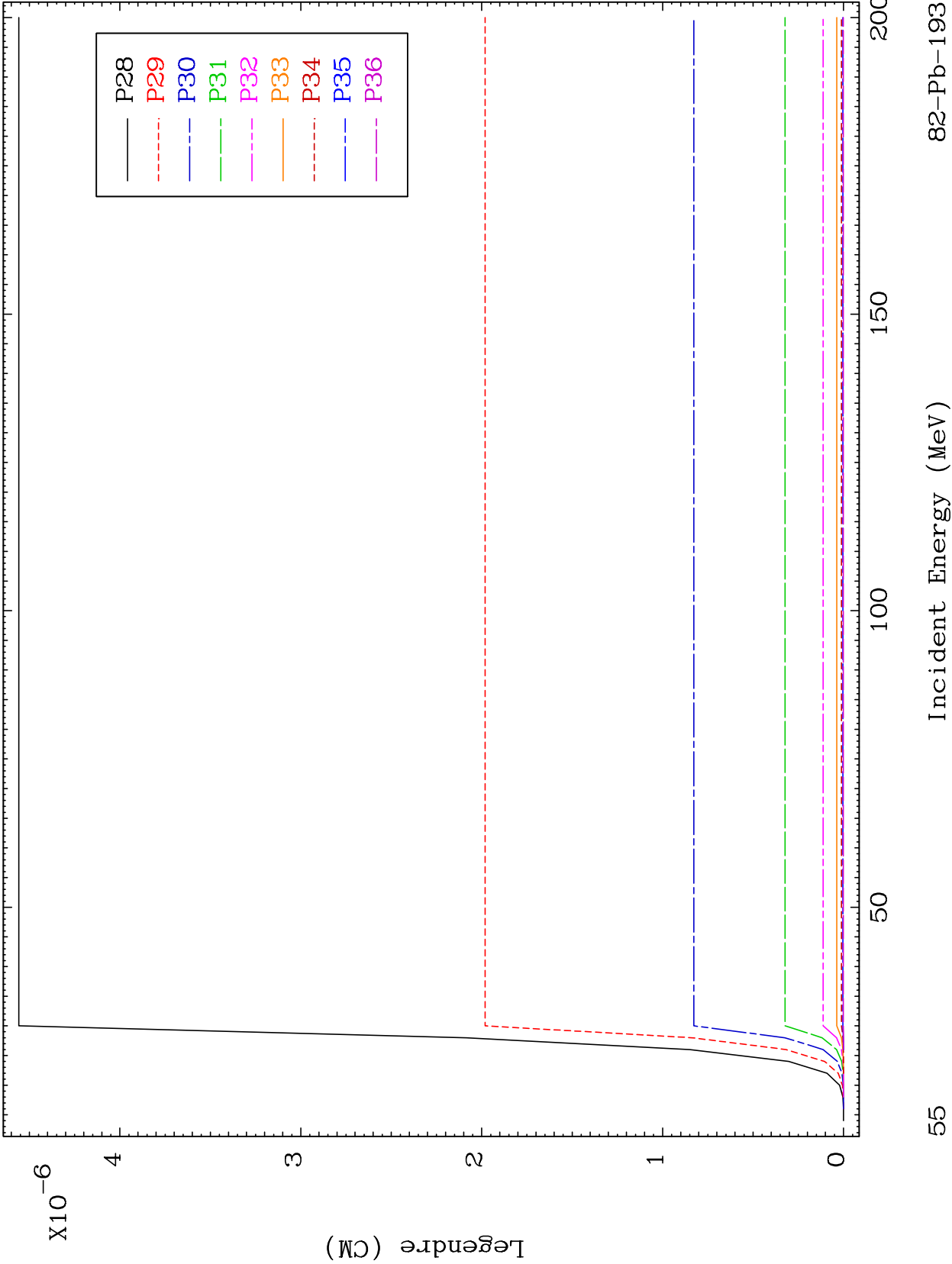
82-Pb-193



MAT 8192

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

82-Pb-193

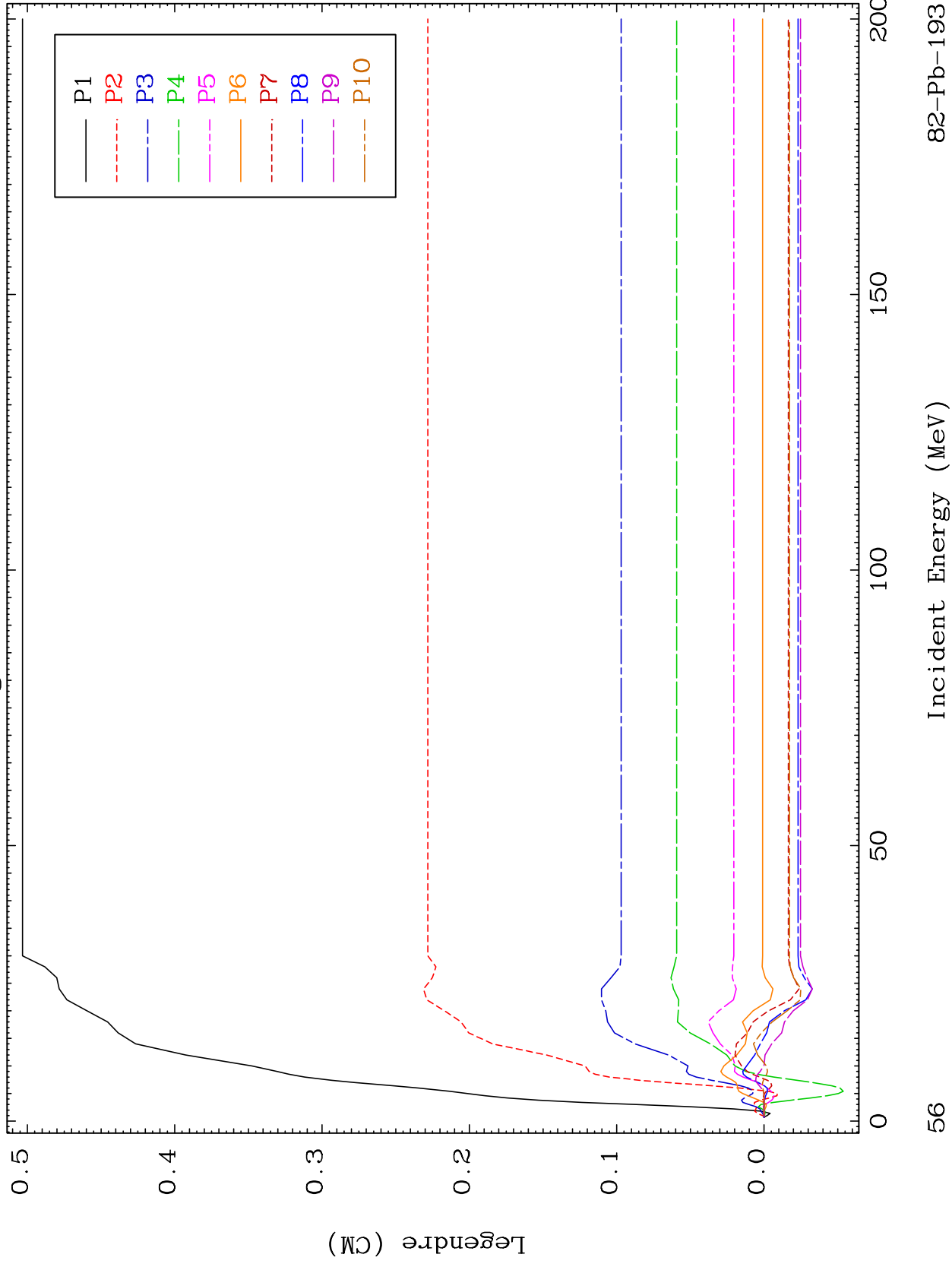




MAT 8192

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

82-Pb-193



82-Pb-193

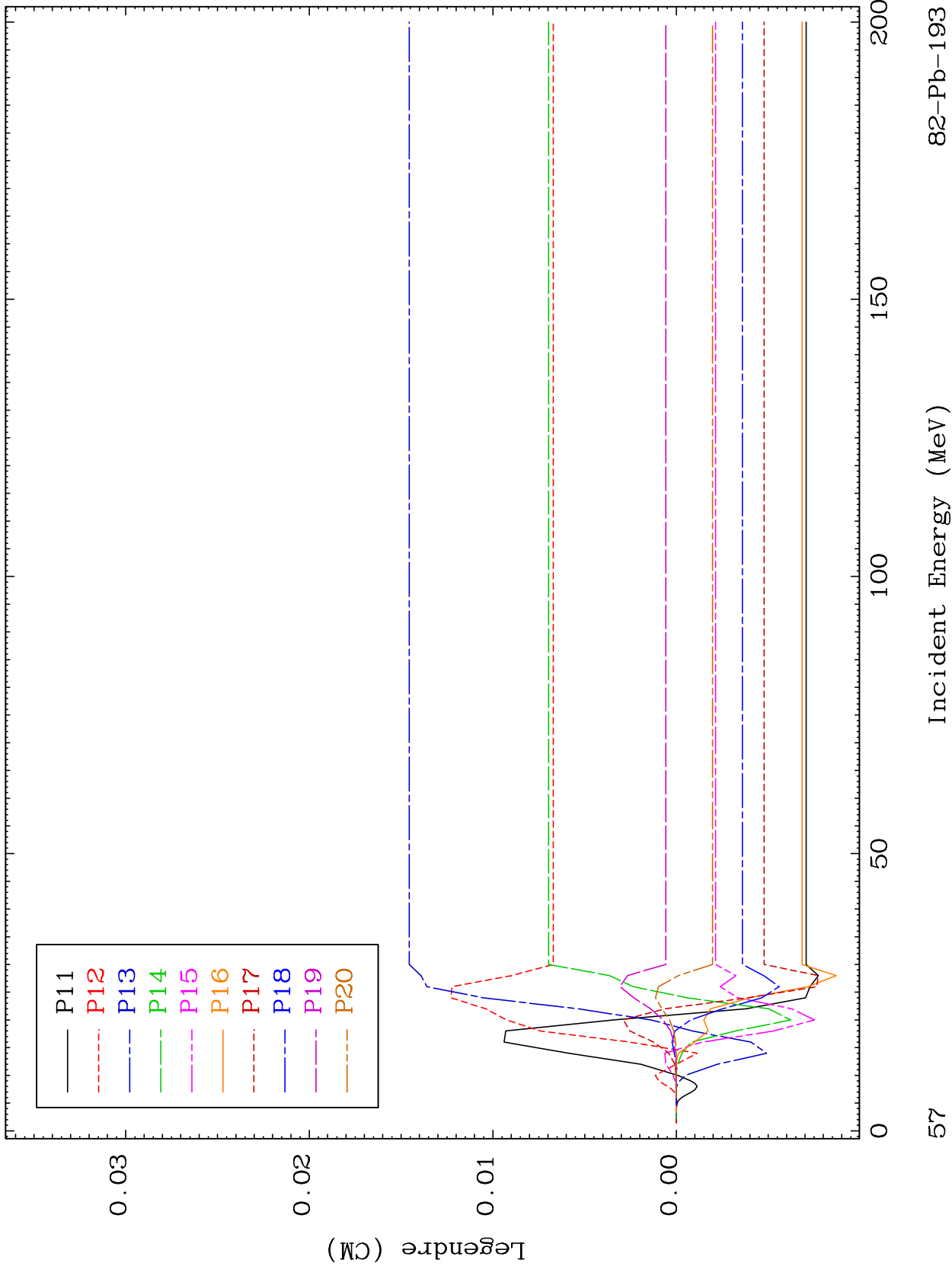
Incident Energy (MeV)

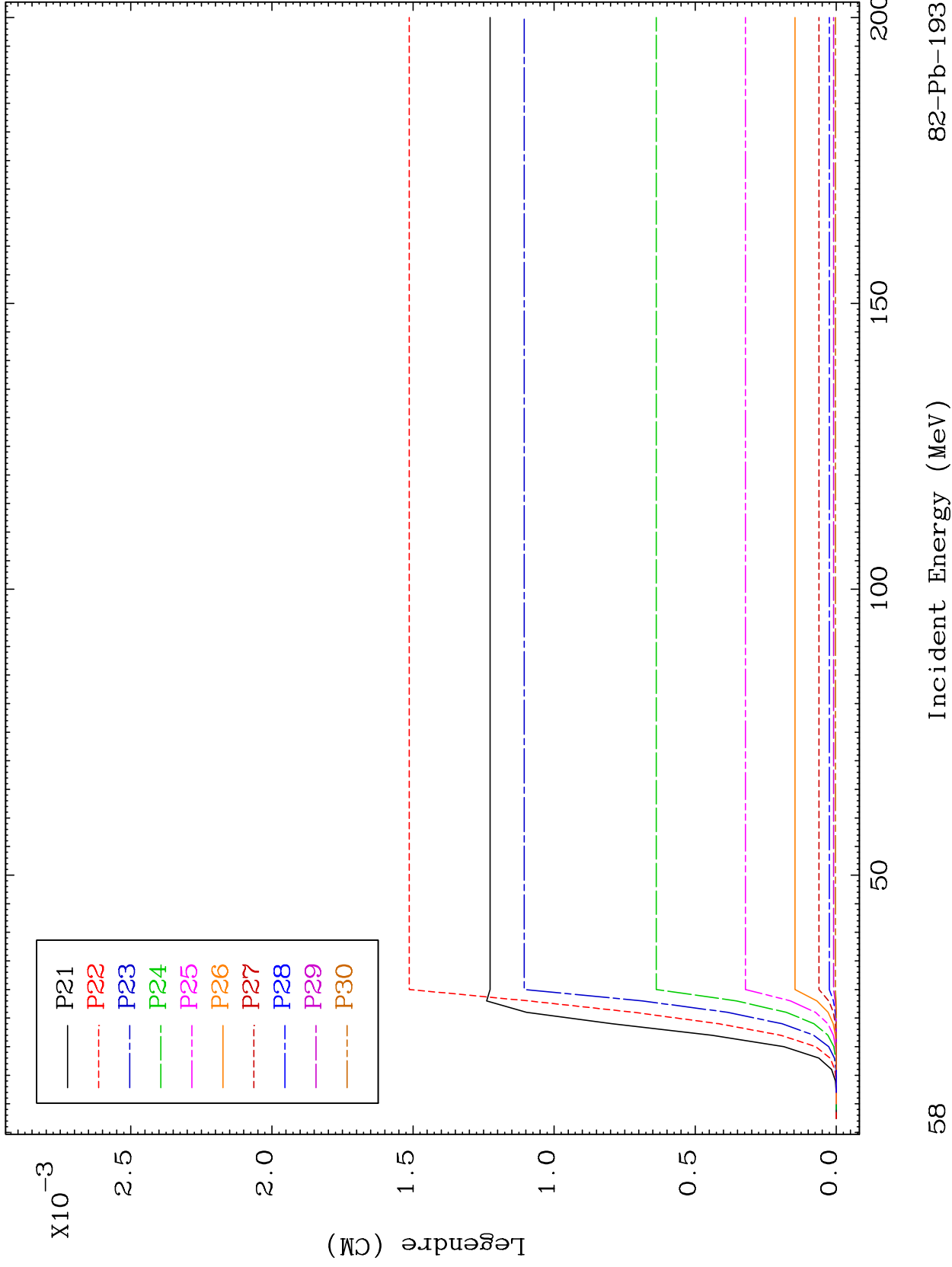
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MAT 8192

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

82-Pb-193

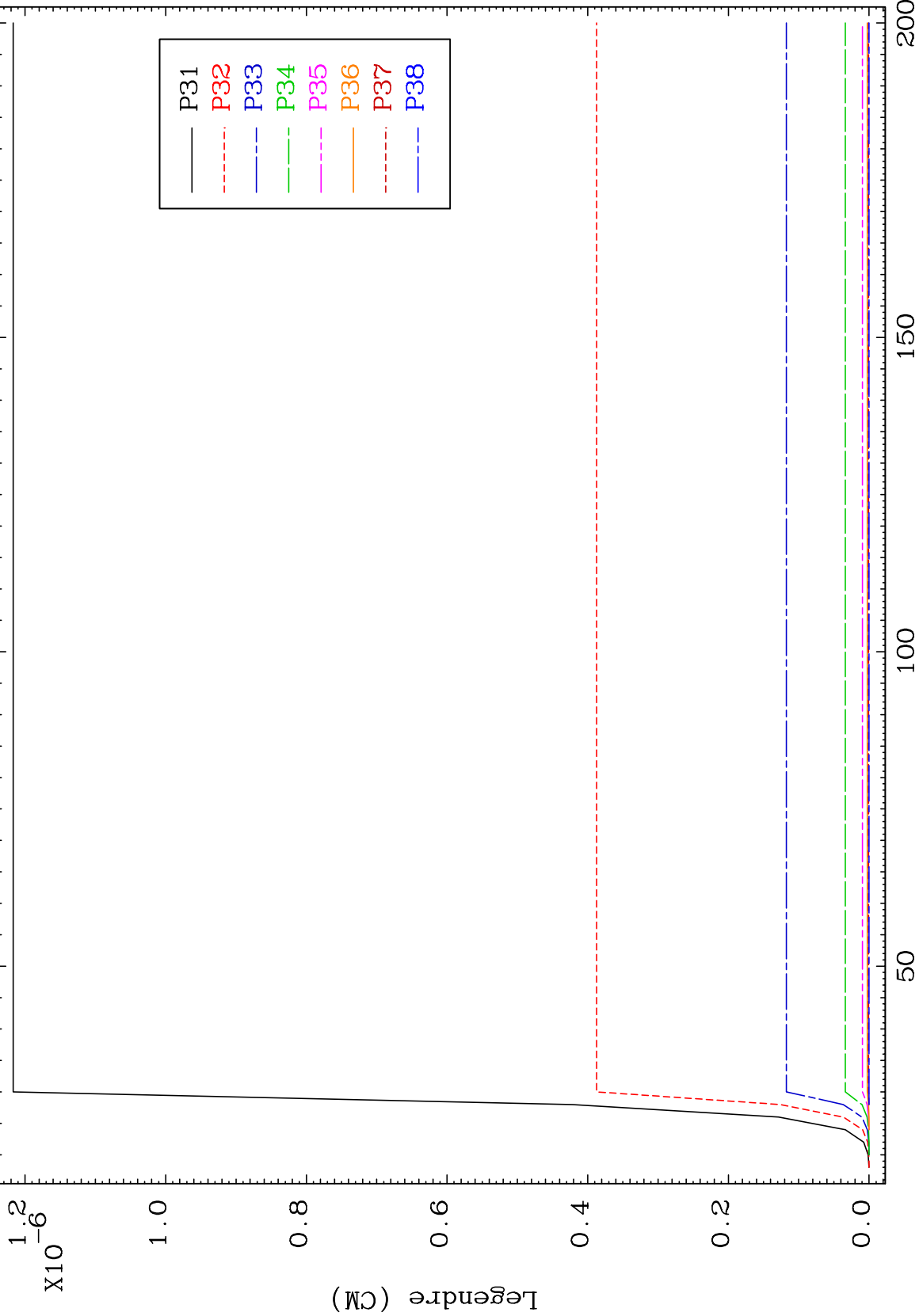




MAT 8192

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

82-Pb-193



59

Incident Energy (MeV)

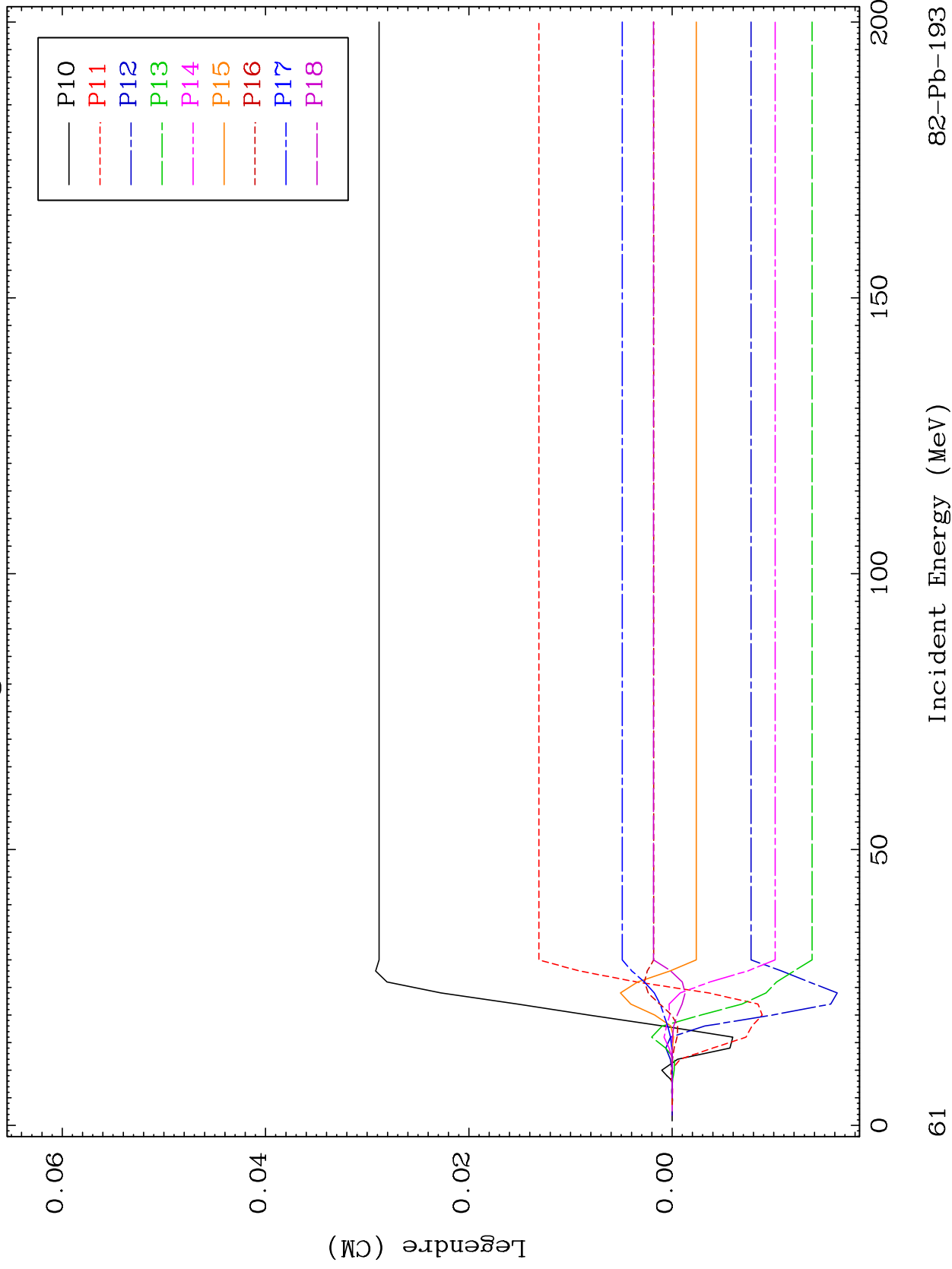
82-Pb-193



MAT 8192

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

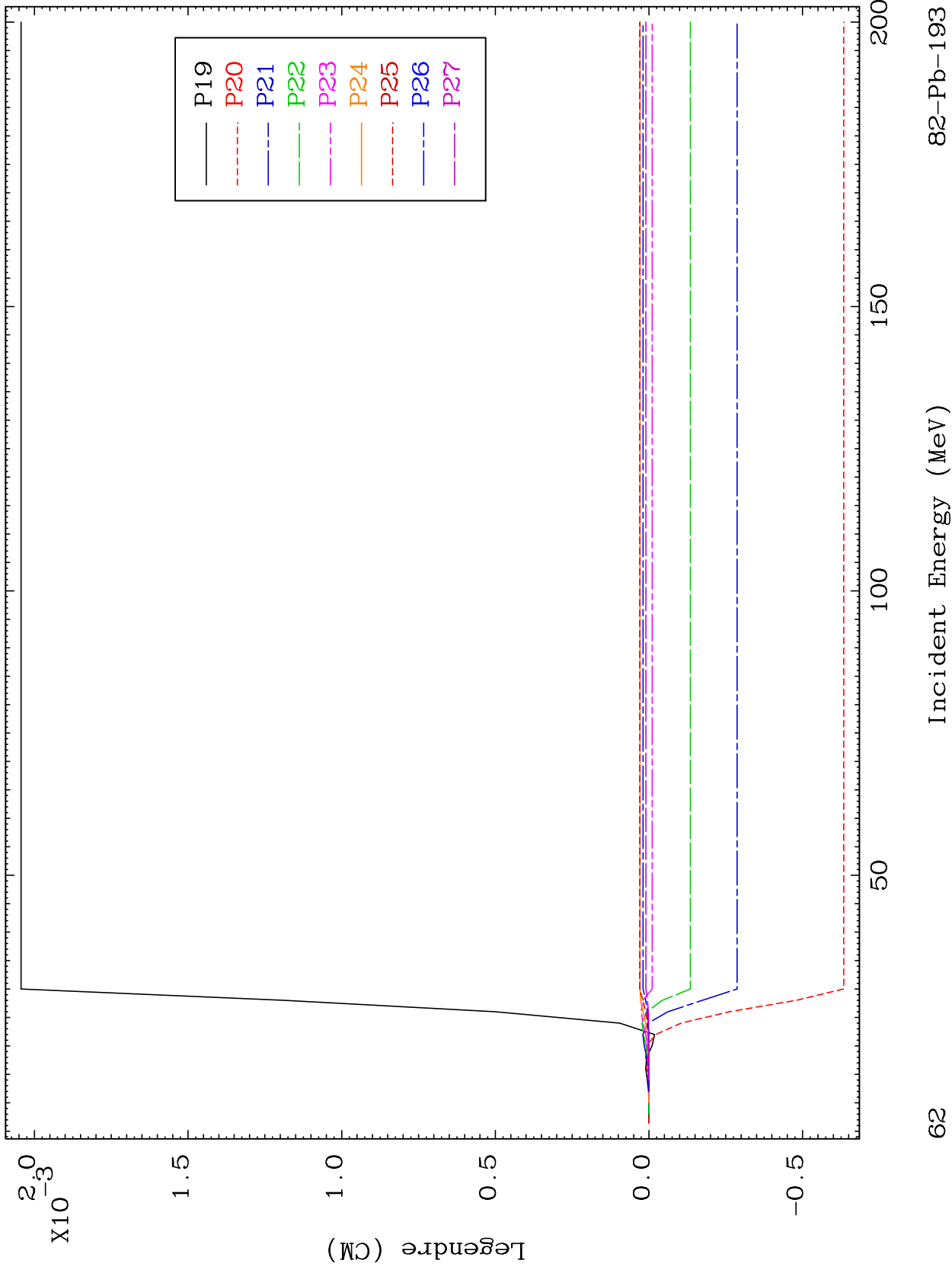
82-Pb-193



MAT 8192

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

82-Pb-193



62

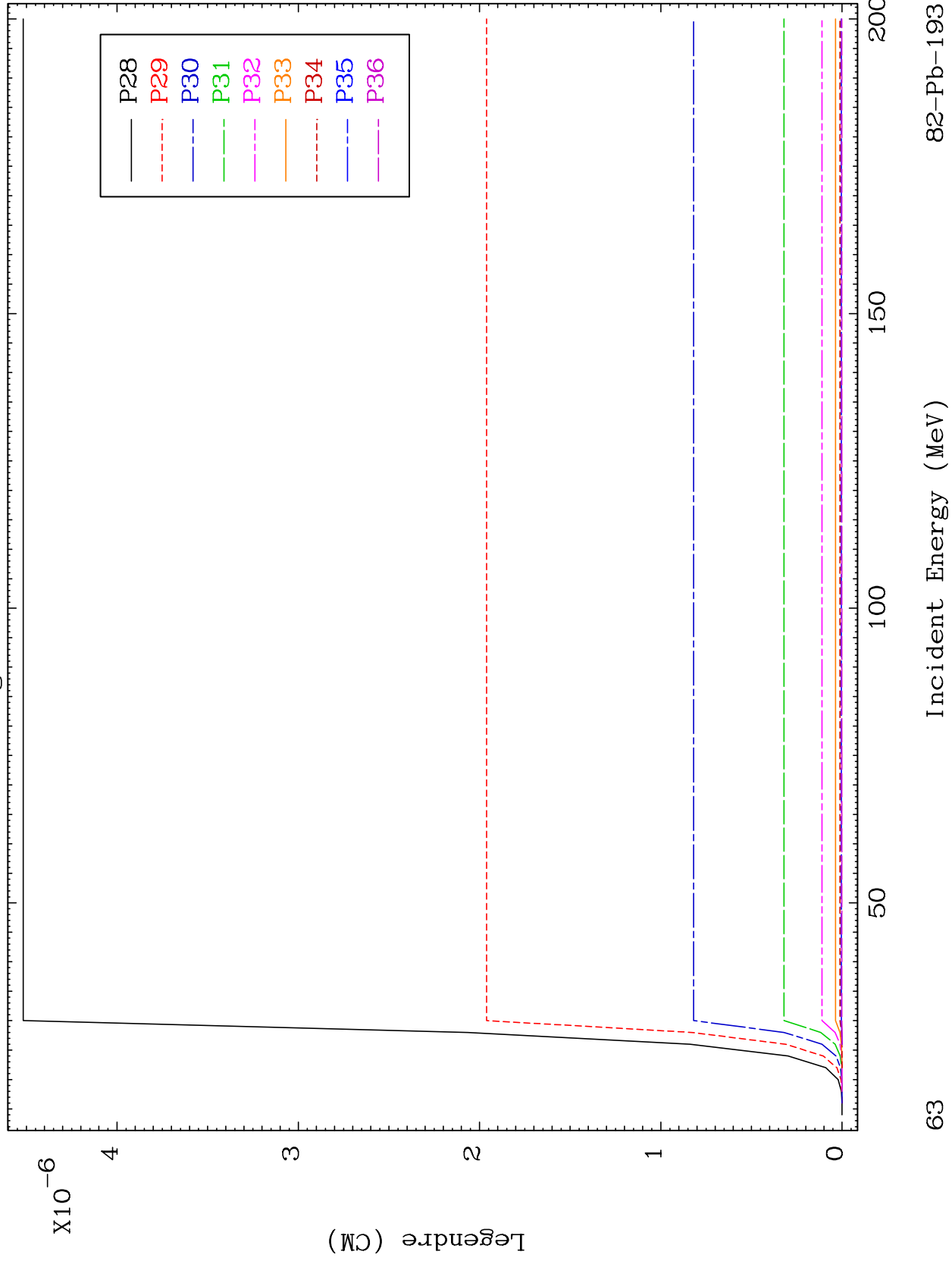
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



63

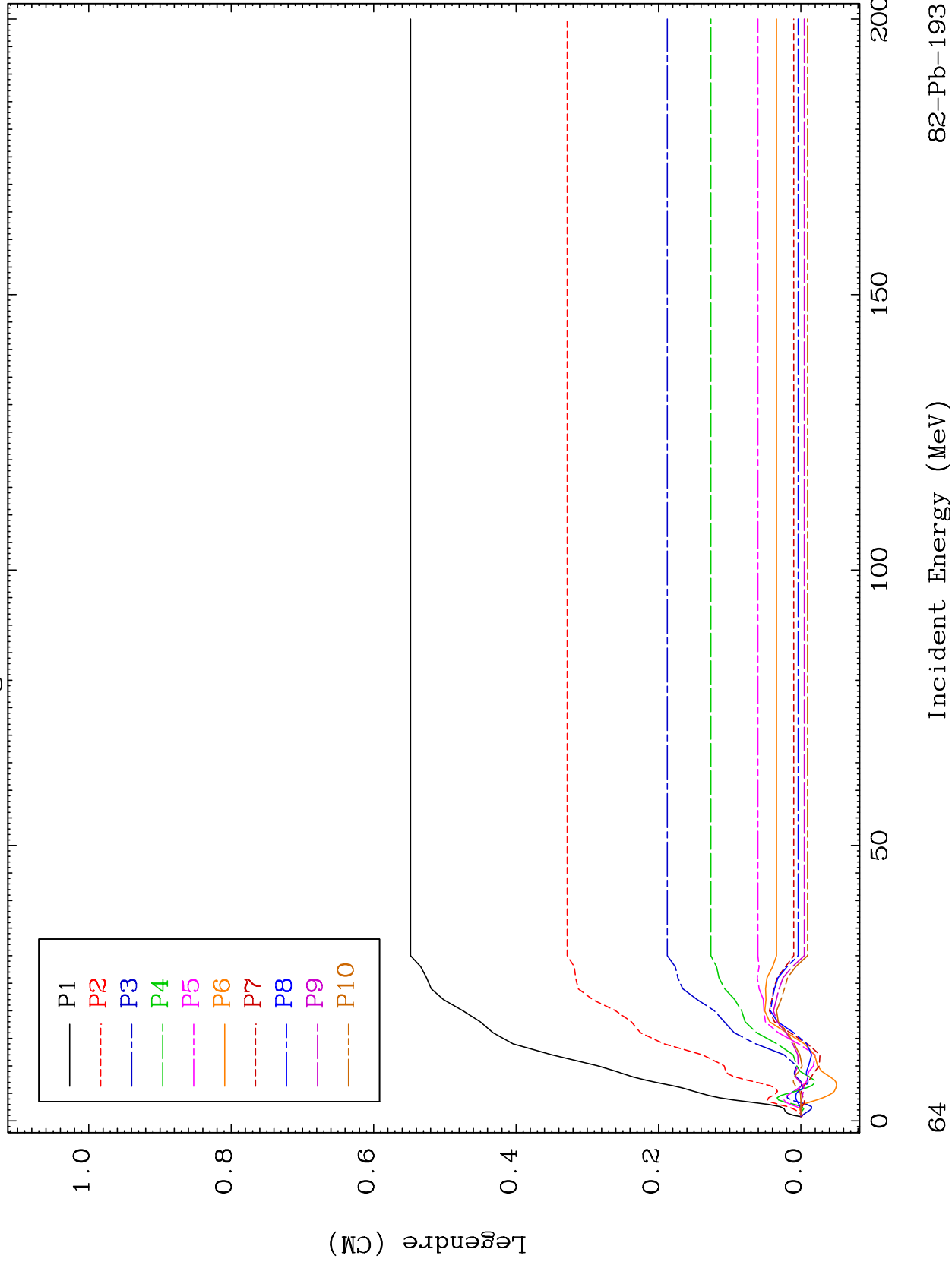
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

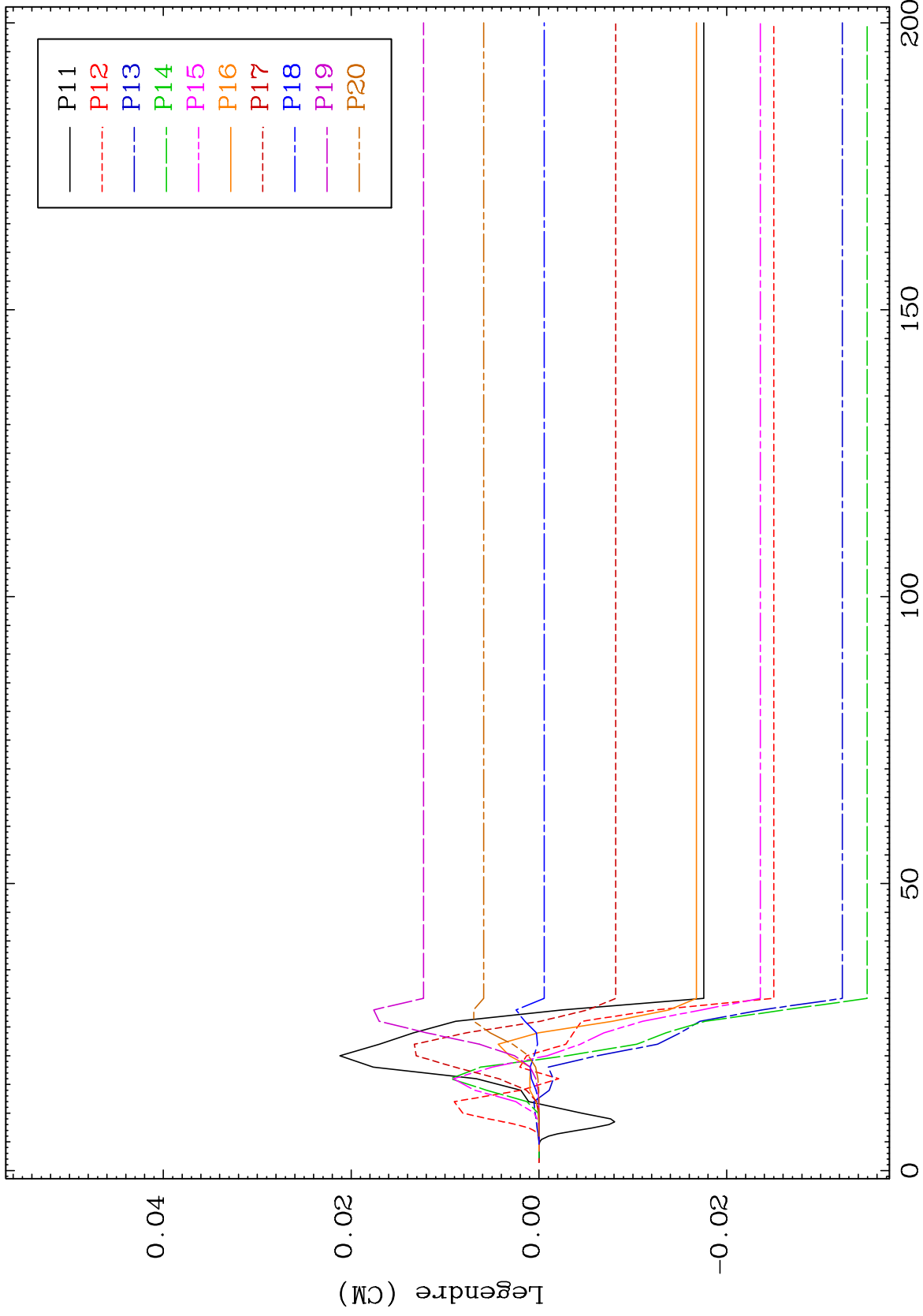
Incident Energy (MeV)

64

MAT 8192

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

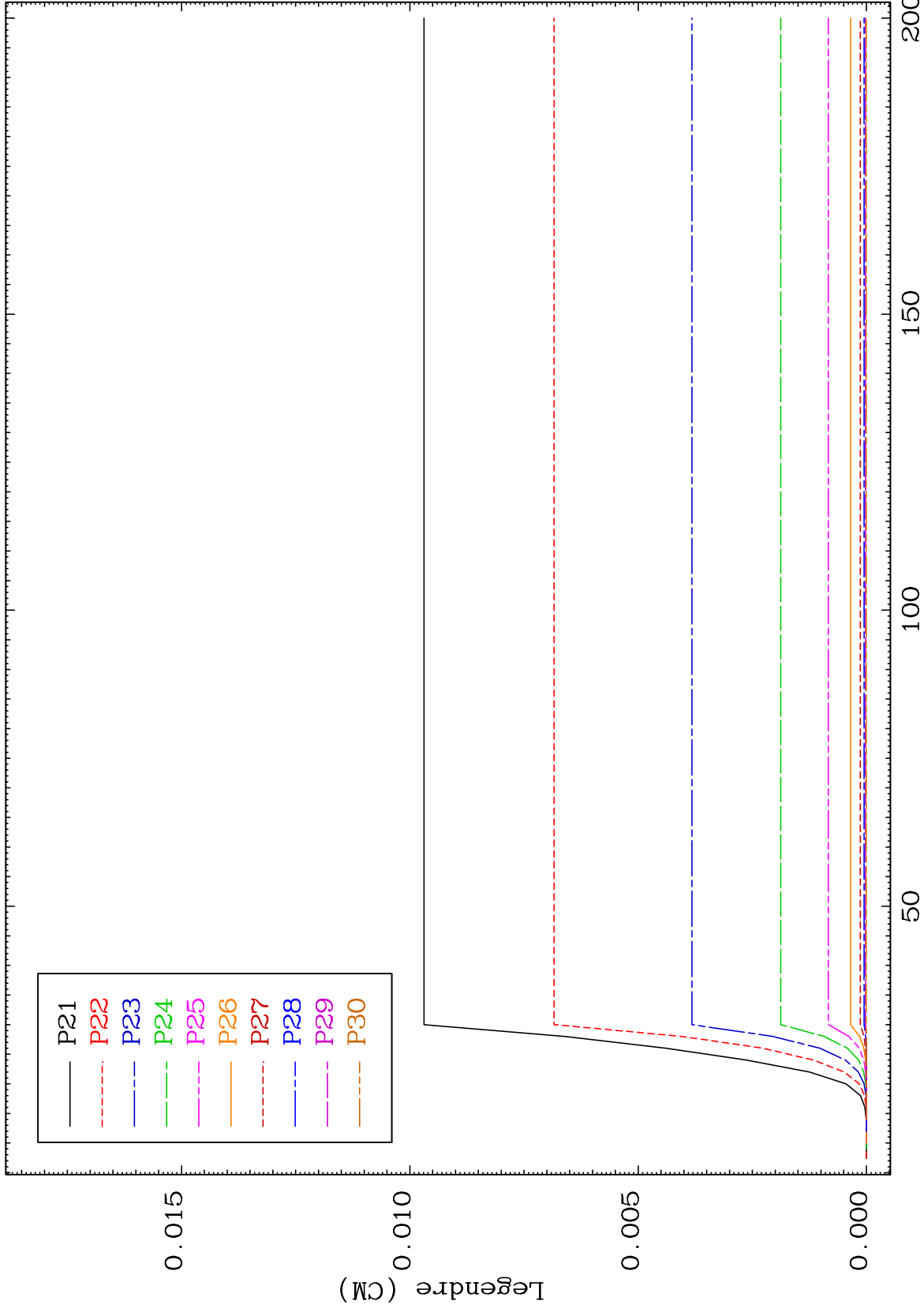
82-Pb-193



82-Pb-193

Incident Energy (MeV)

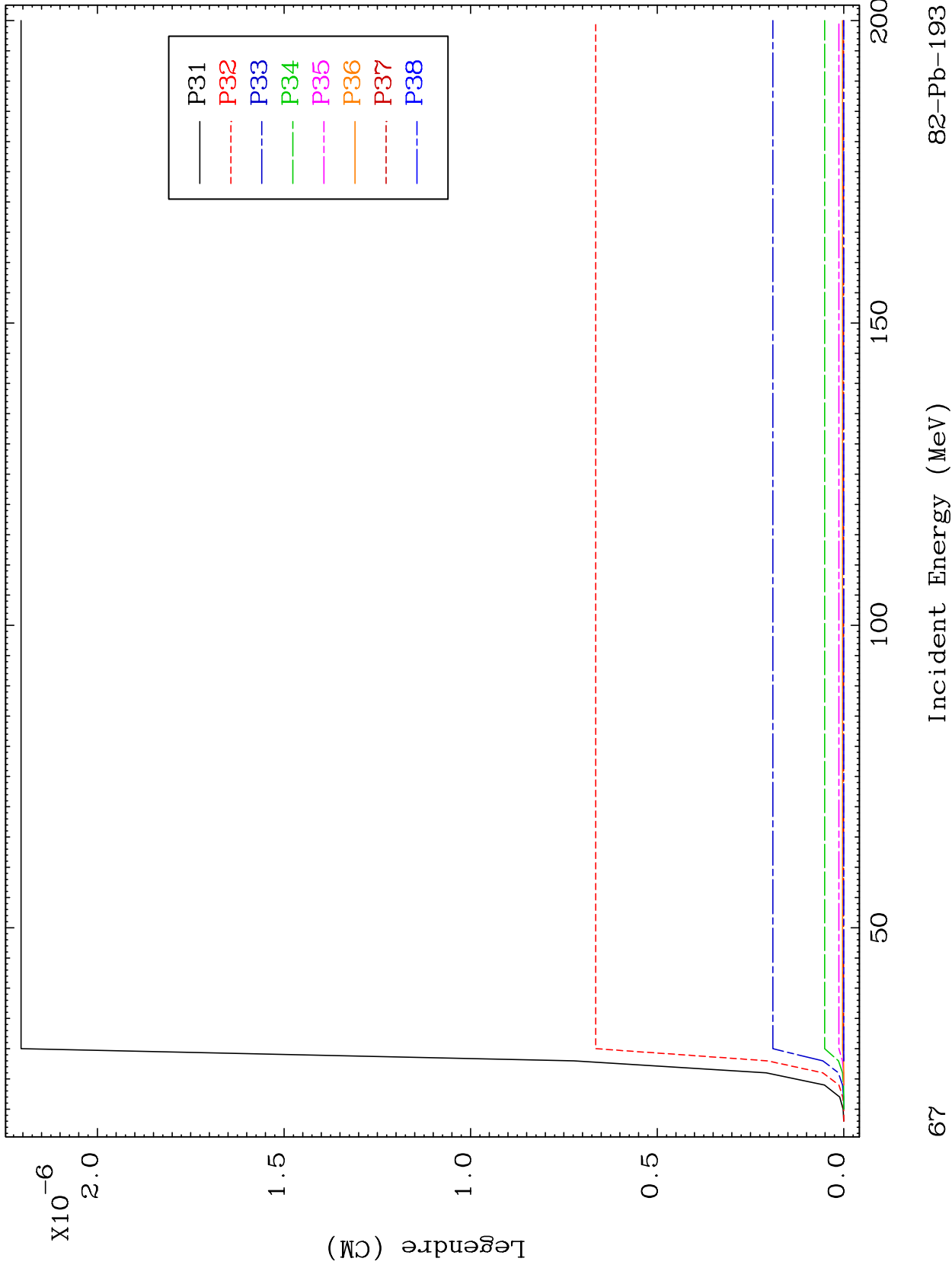
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MAT 8192

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

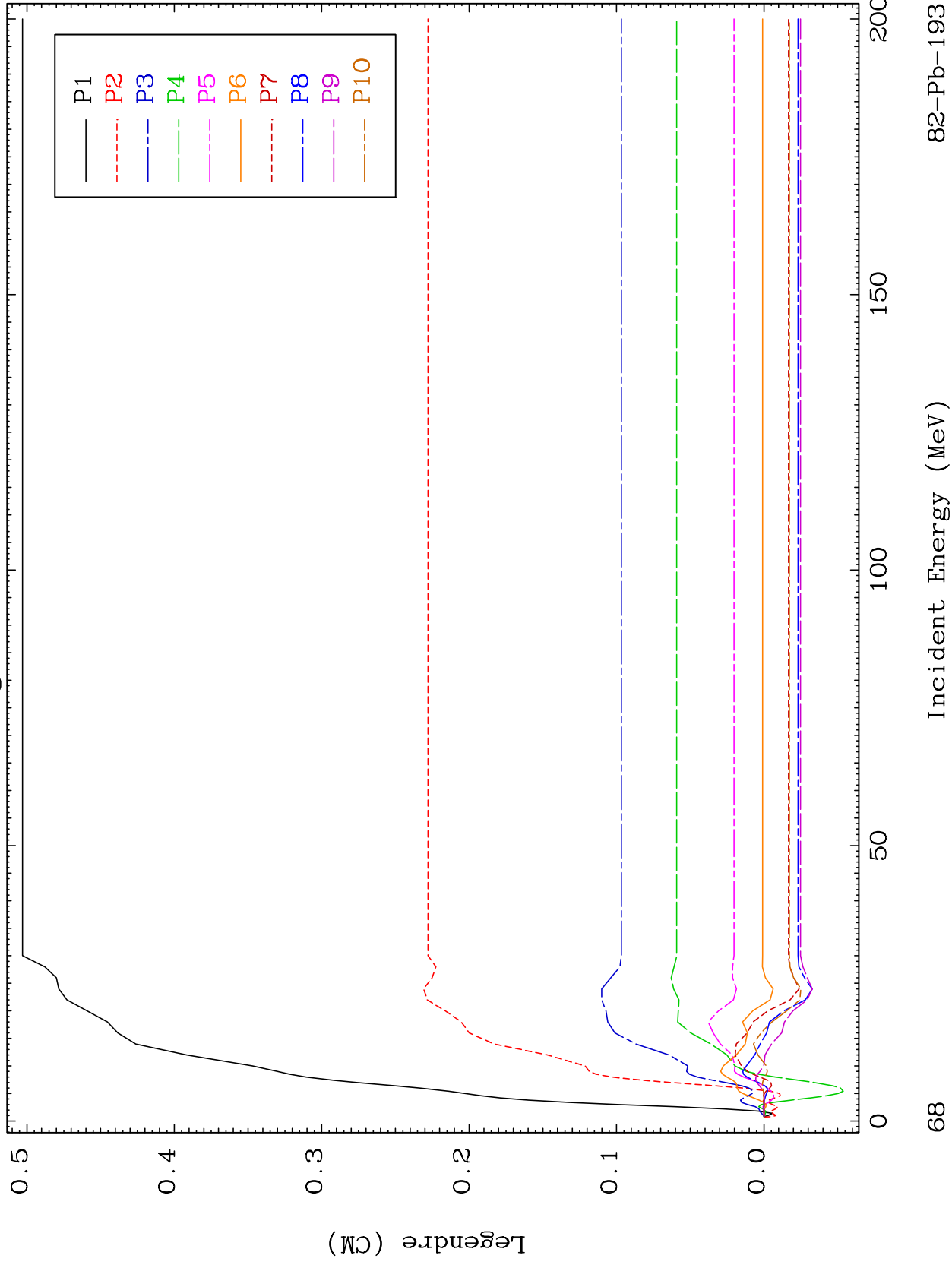
82-Pb-193



MAT 8192

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

82-Pb-193

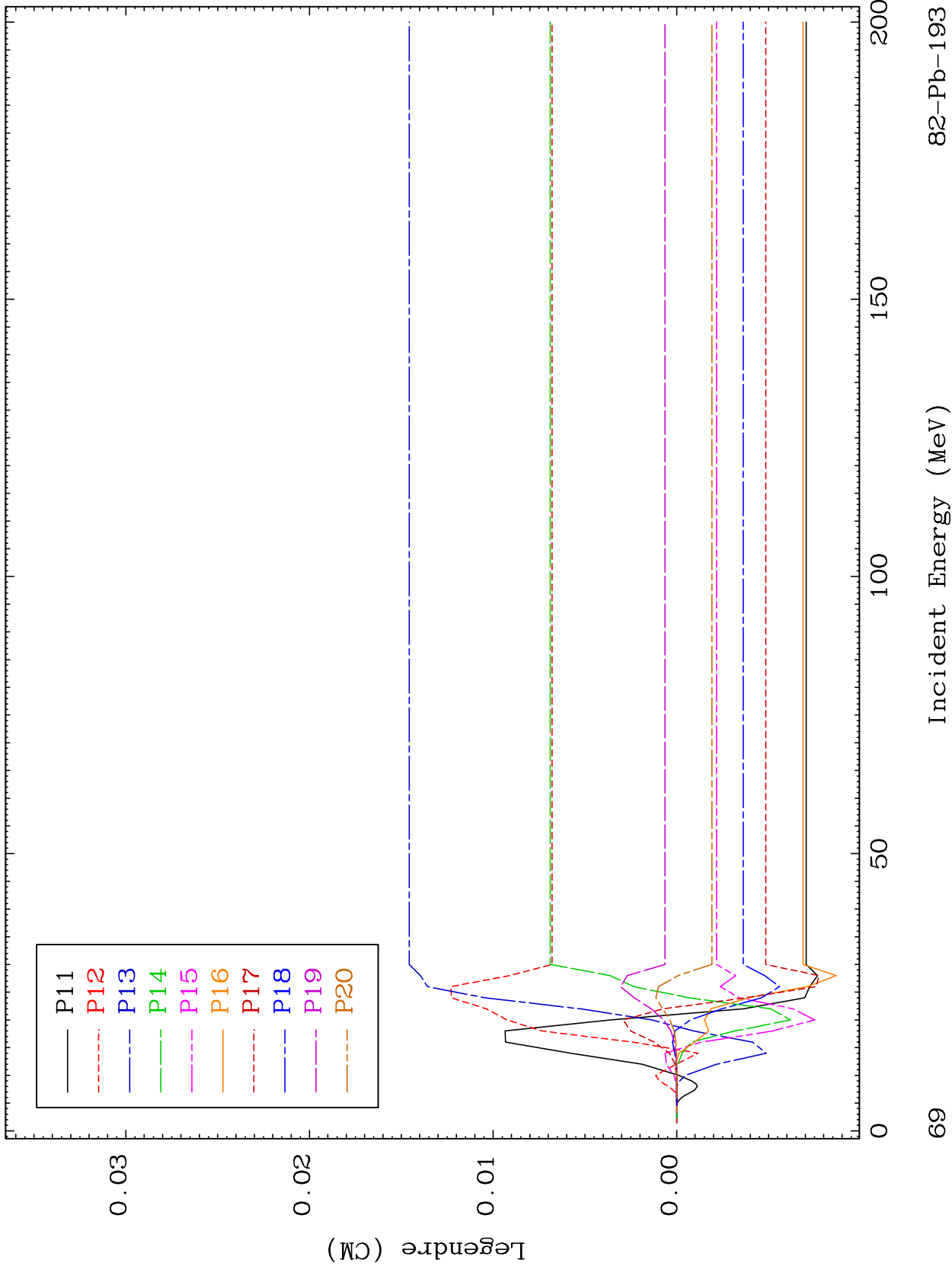


68

MAT 8192

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

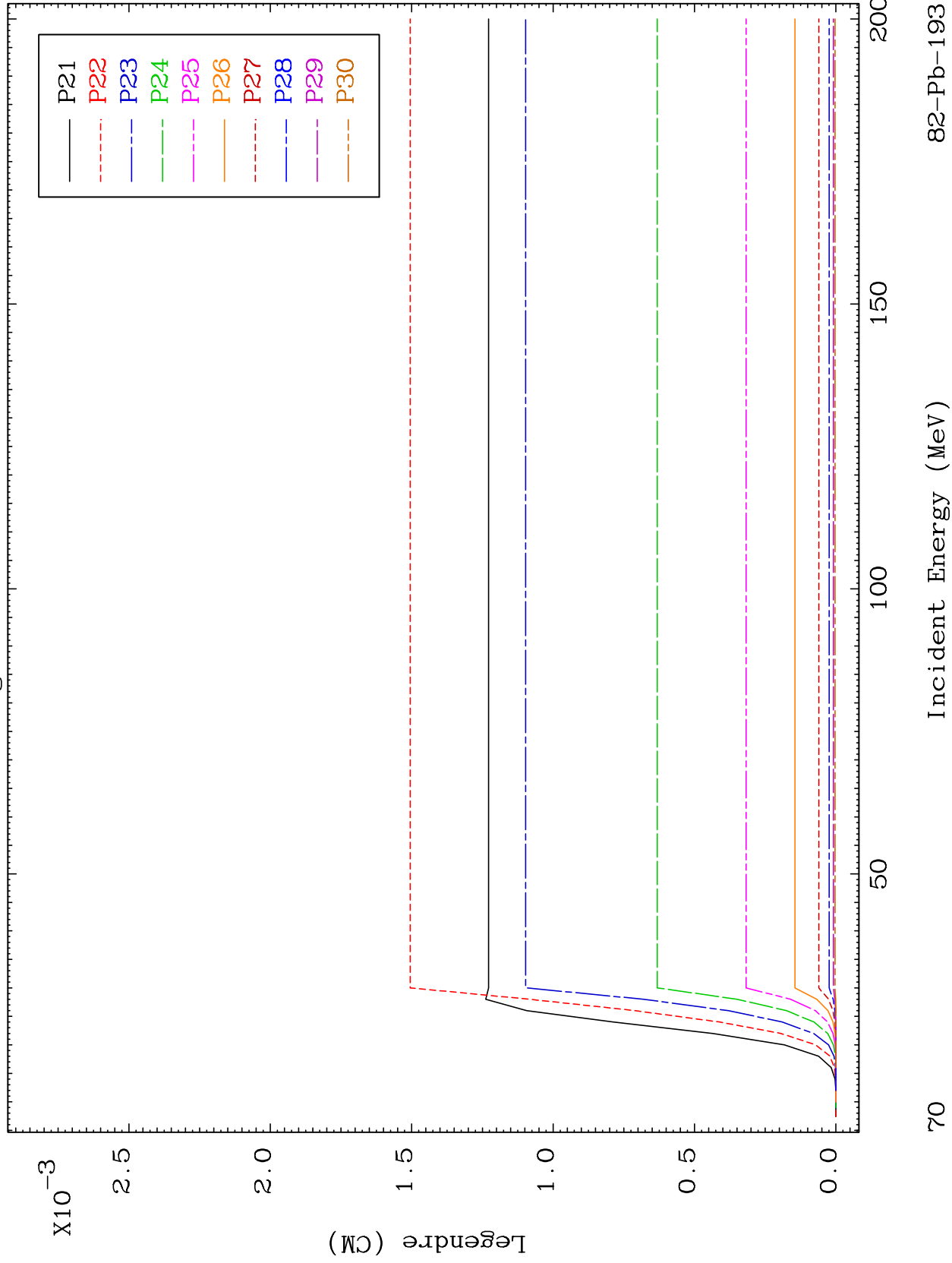
82-Pb-193



MAT 8192

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

82-Pb-193



70

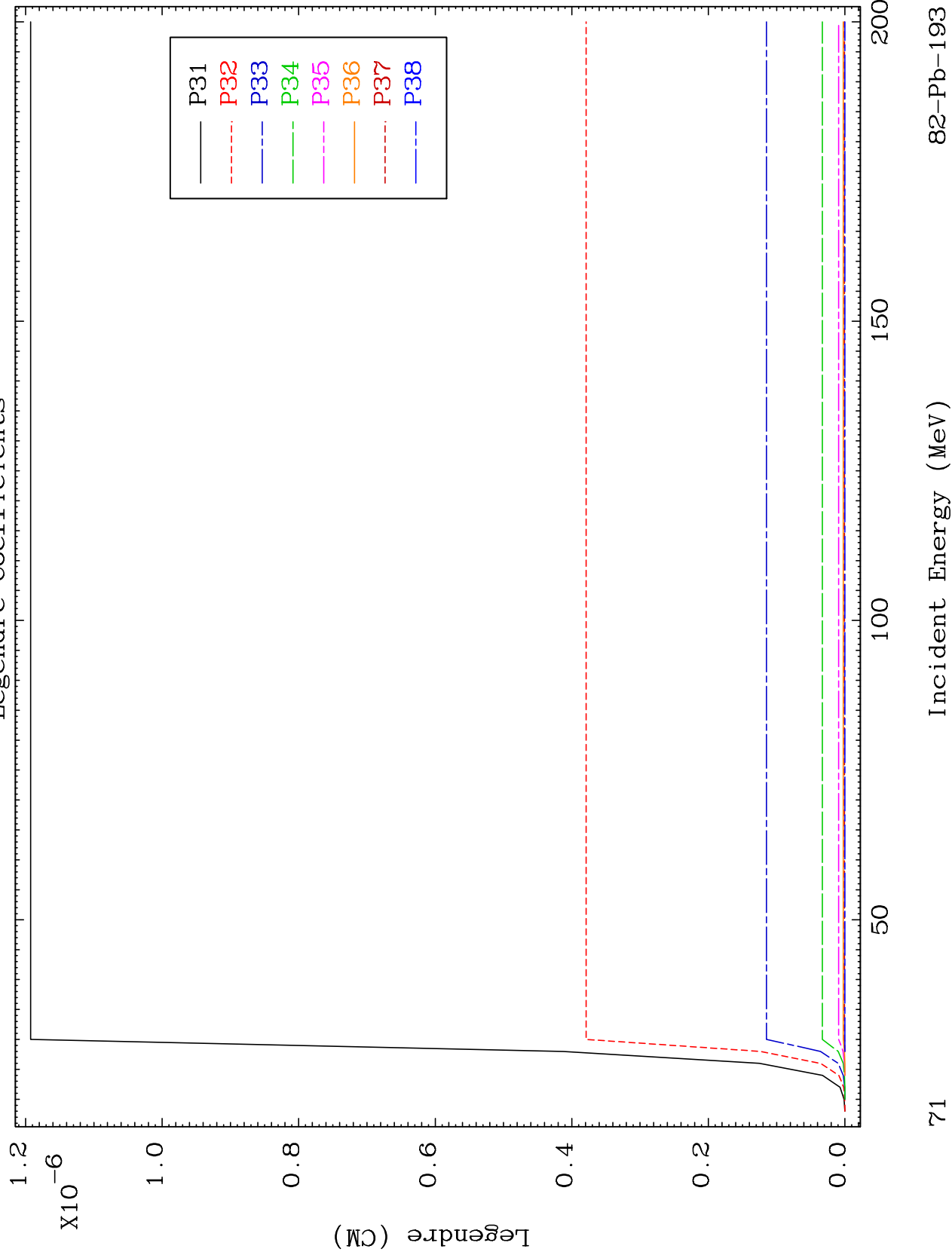
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



71

Incident Energy (MeV)

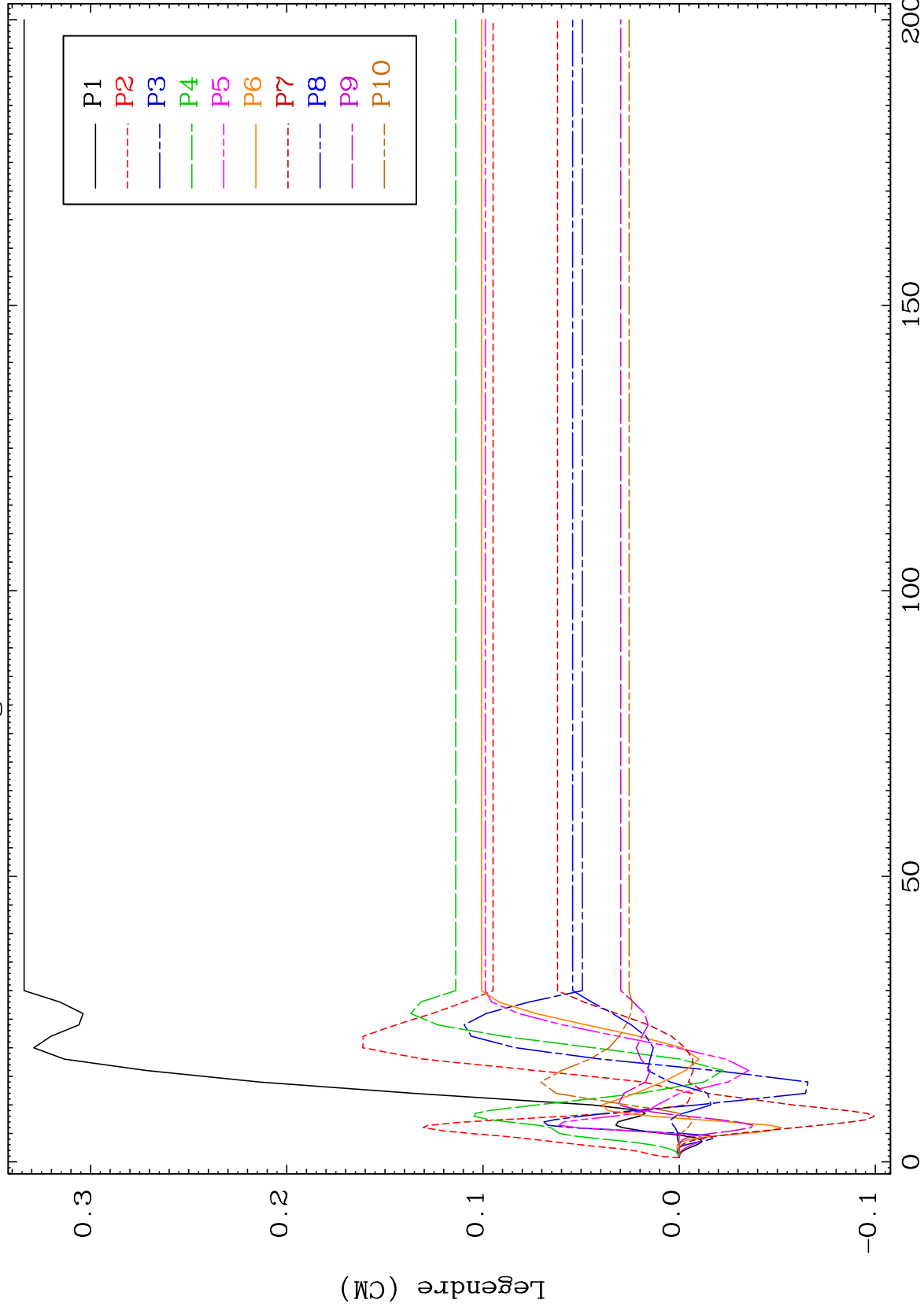
82-Pb-193



MAT 8192

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

82-Pb-193



72

Incident Energy (MeV)

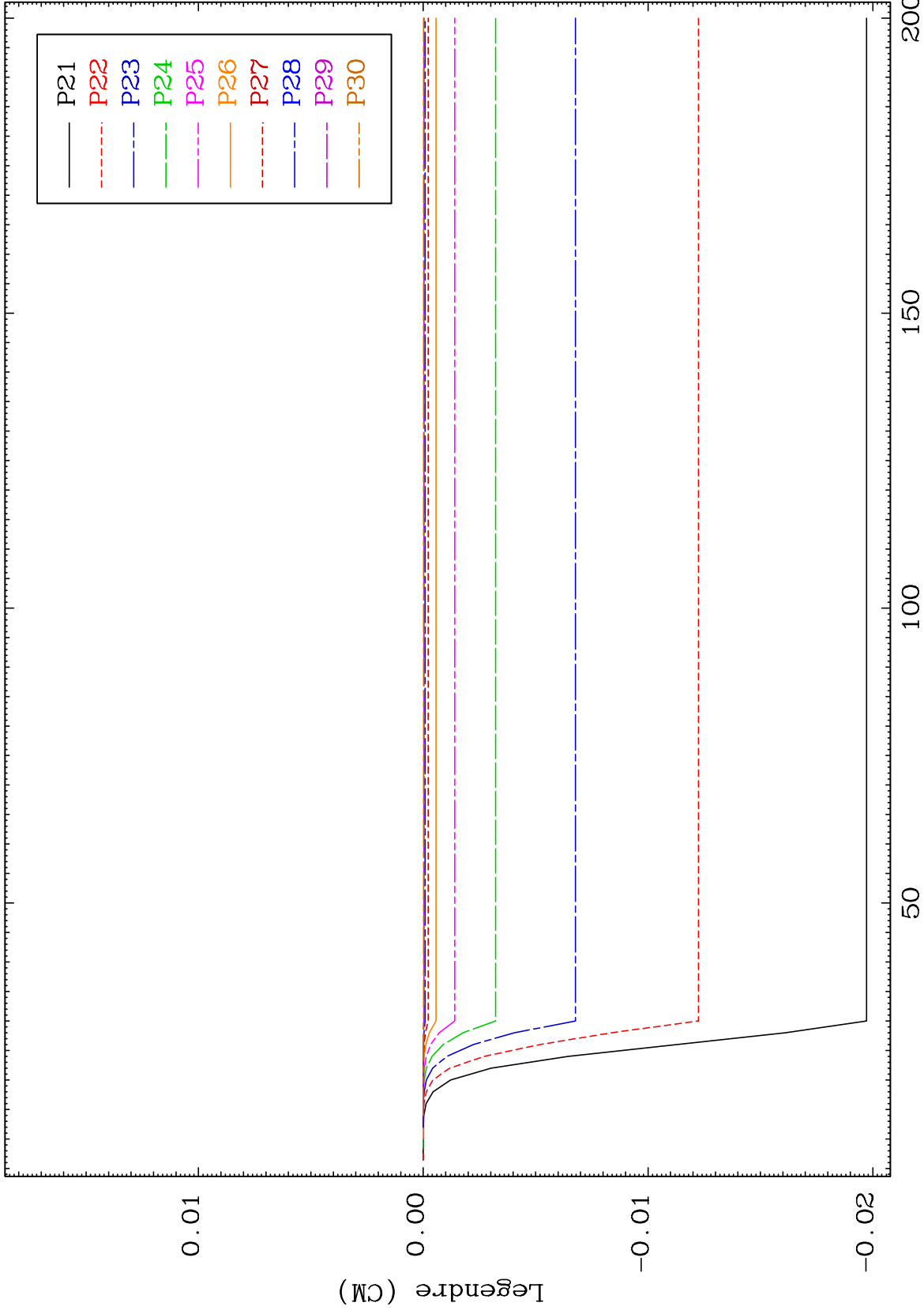
82-Pb-193



MAT 8192

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

82-Pb-193



74

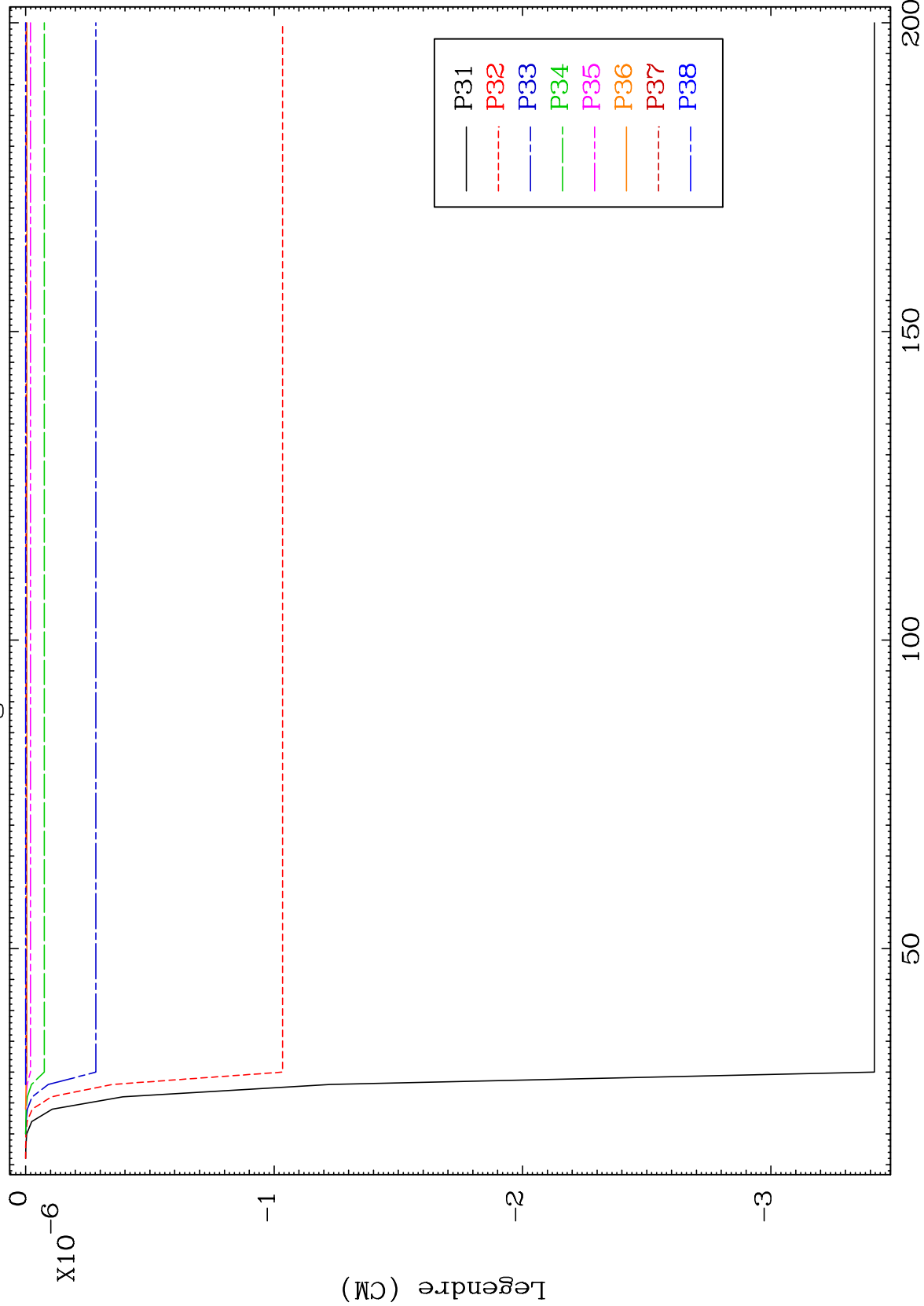
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



75

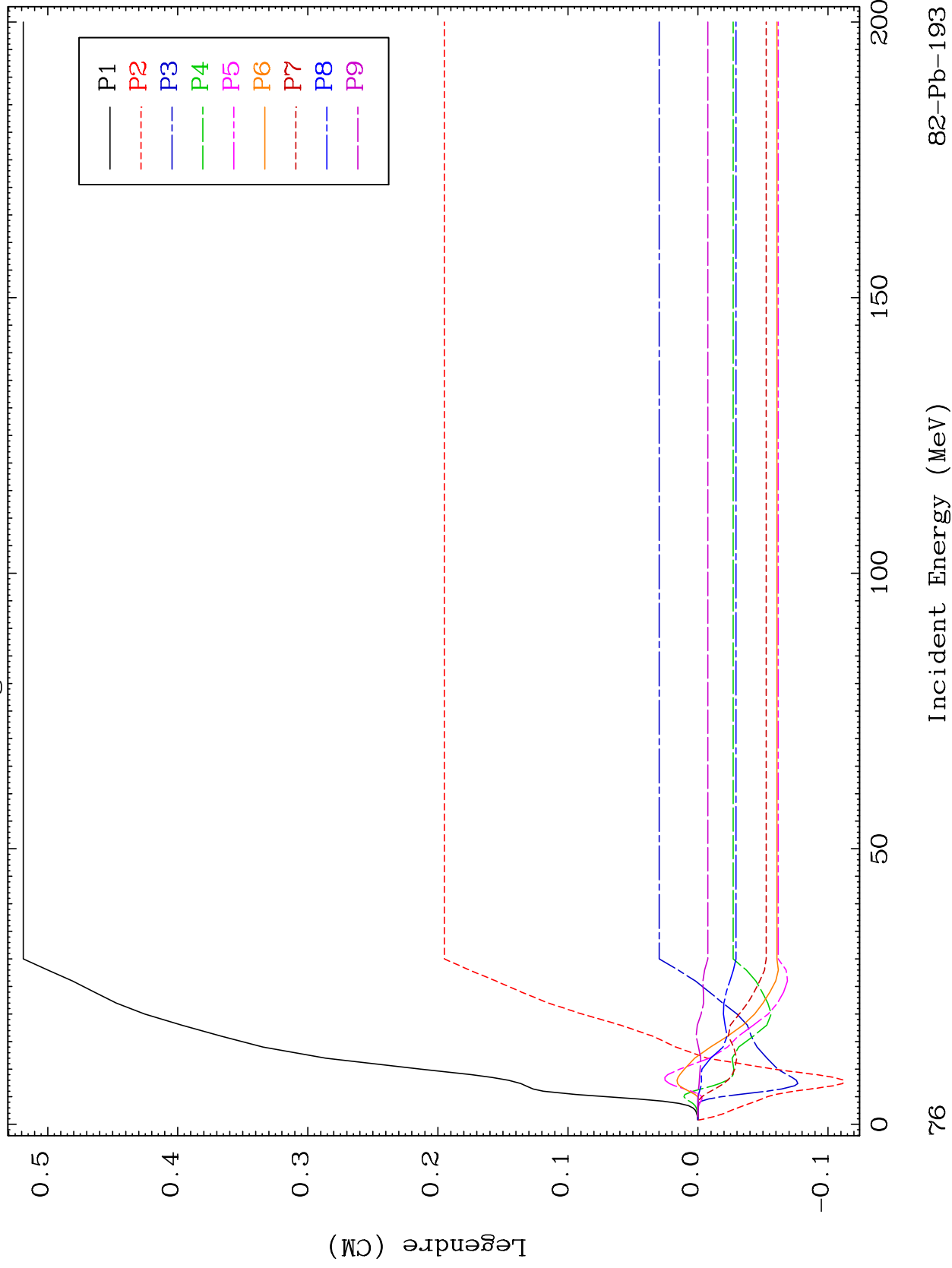
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

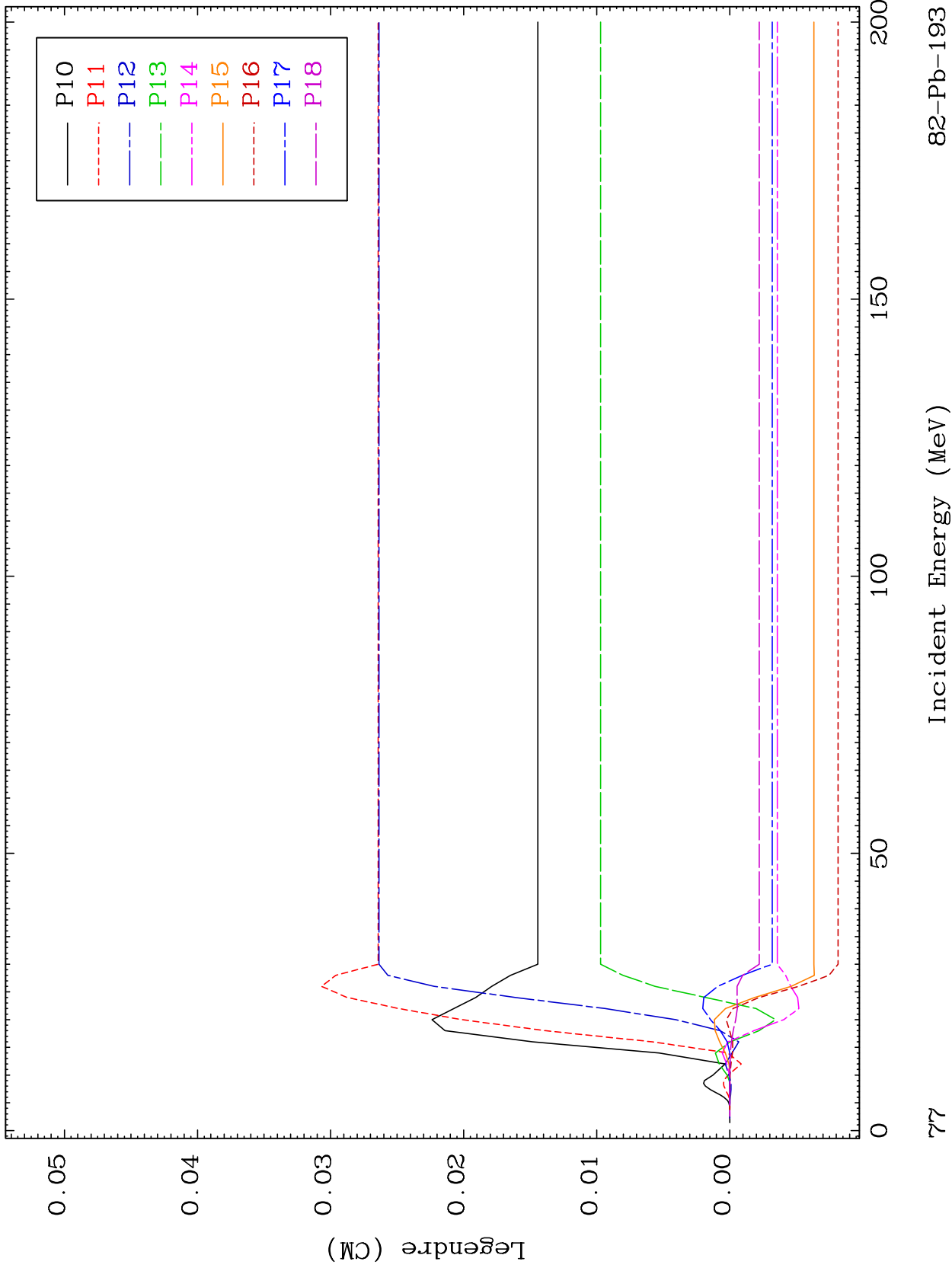
Incident Energy (MeV)

76

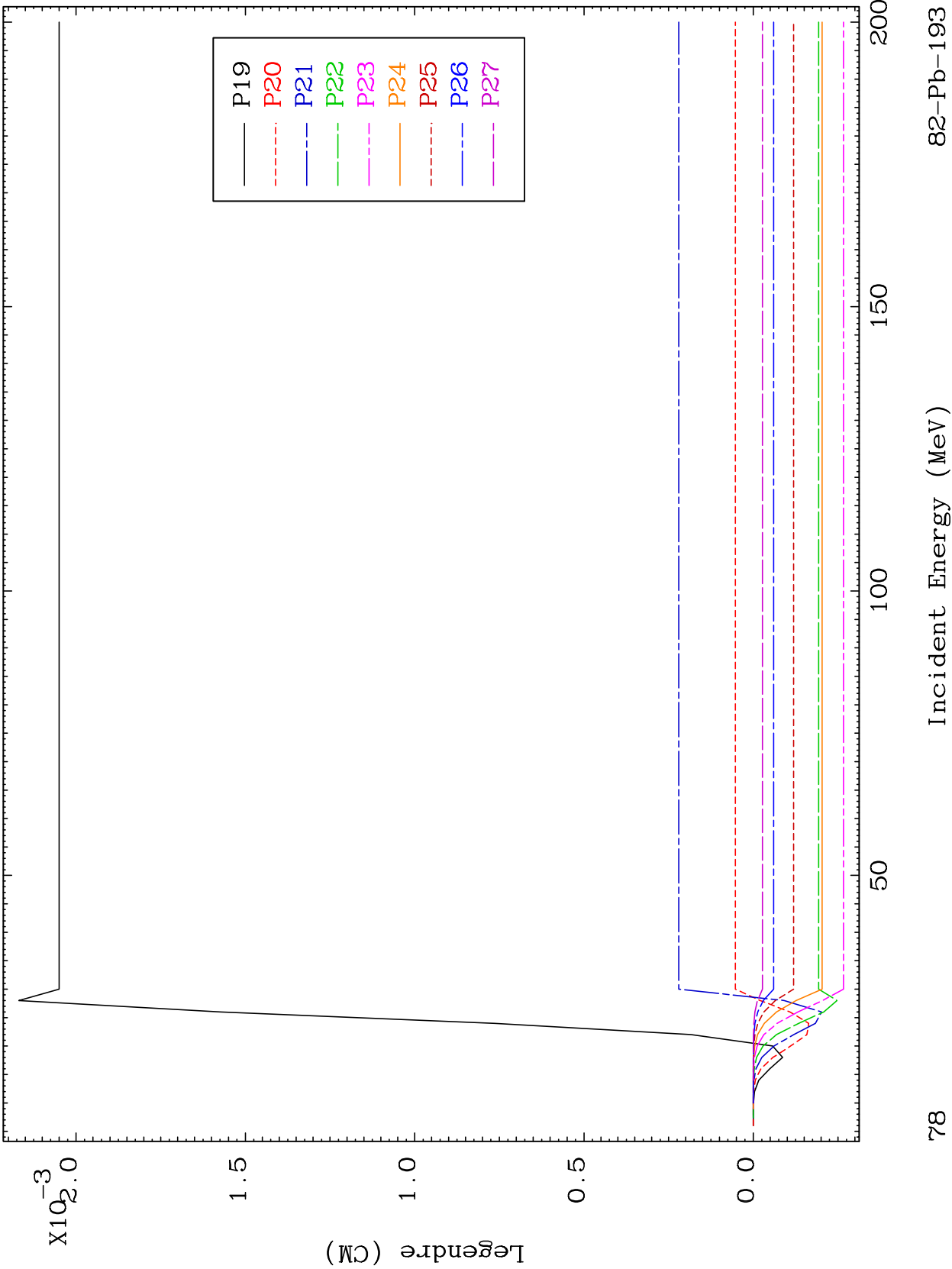
MAT 8192

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

82-Pb-193



77

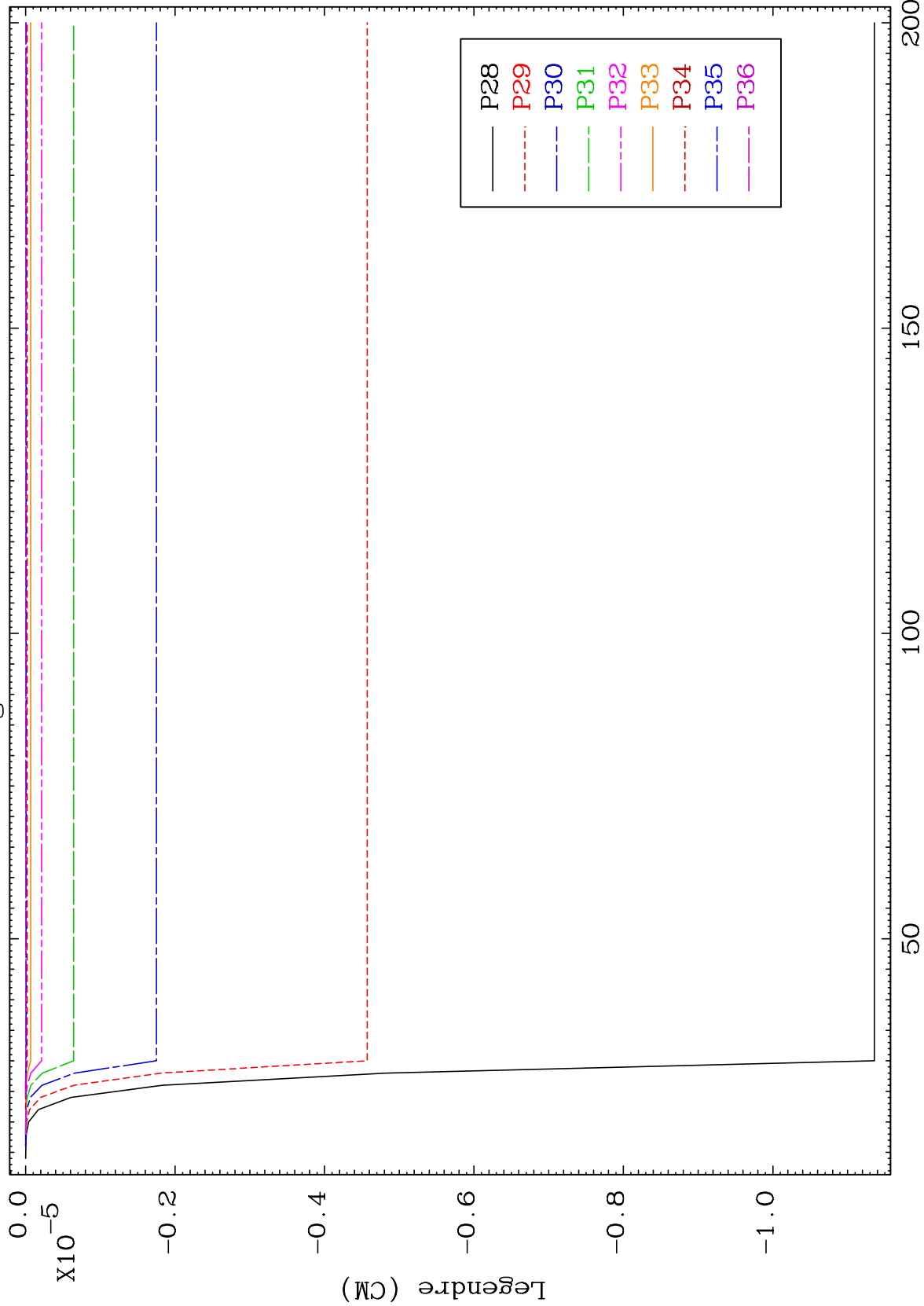


MAT 8192

MT= 65 (n,n') Level

82-Pb-193

Legendre Coefficients



79

Incident Energy (MeV)

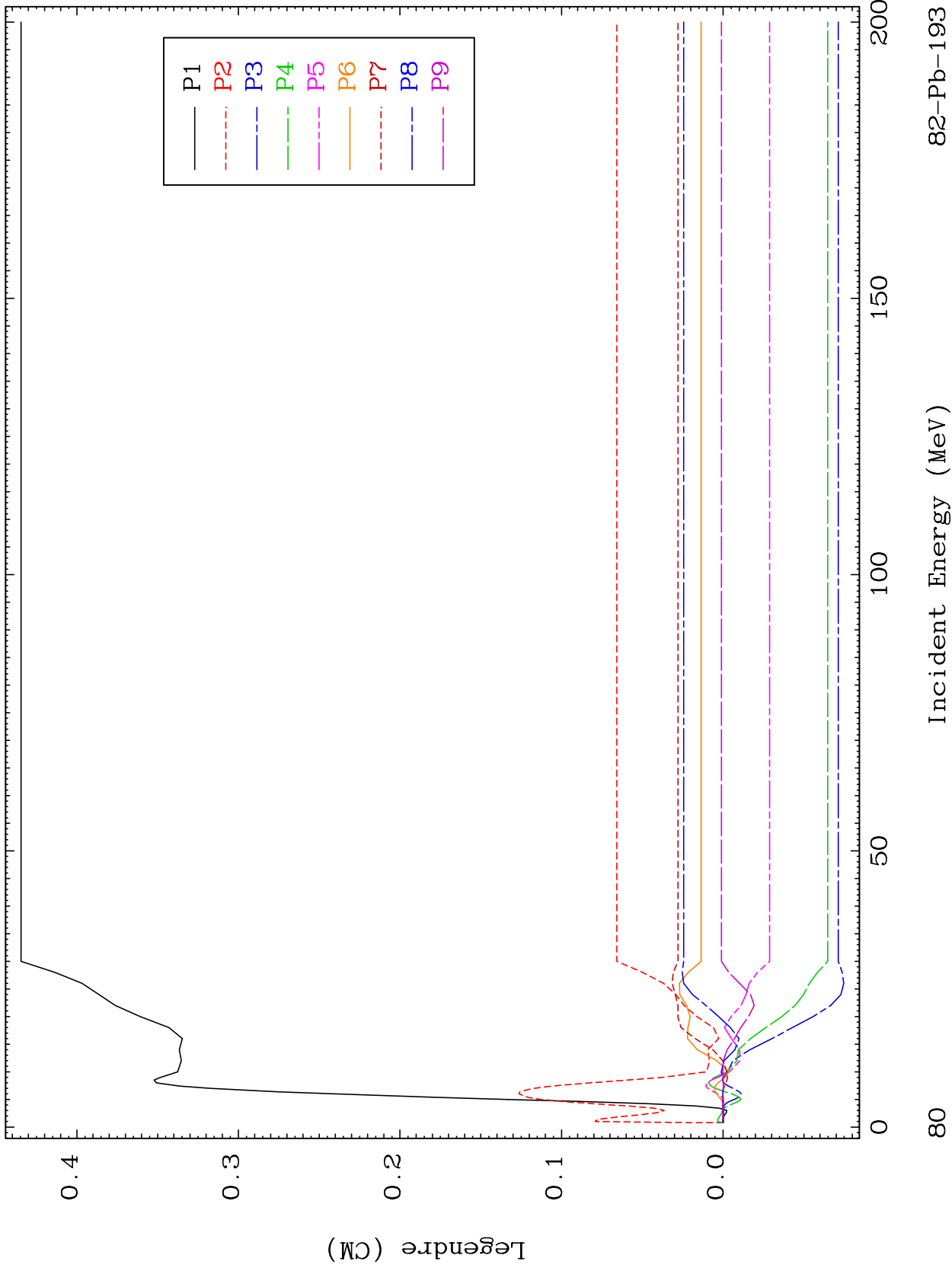
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

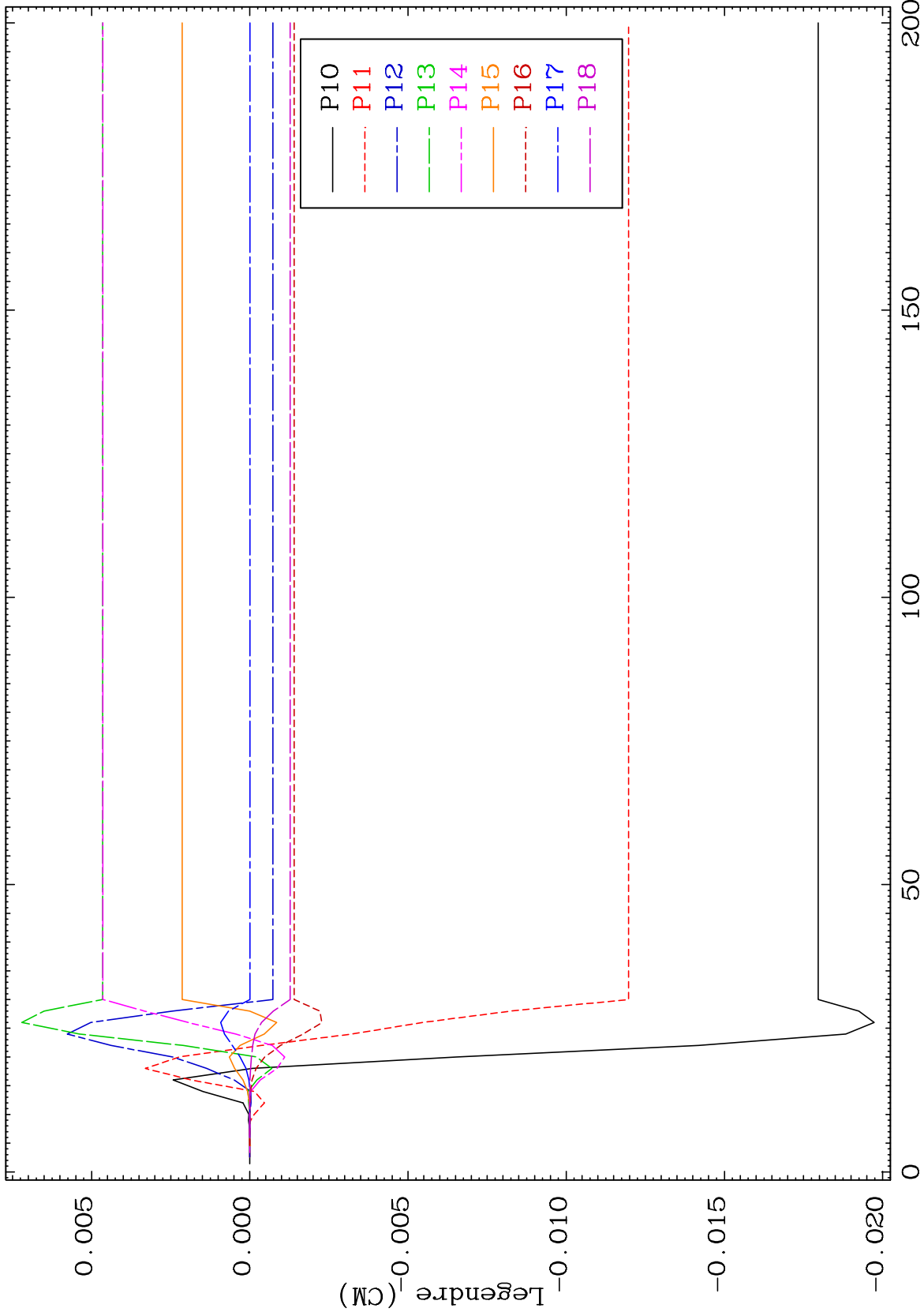
Incident Energy (MeV)

80

MAT 8192

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

82-Pb-193



81

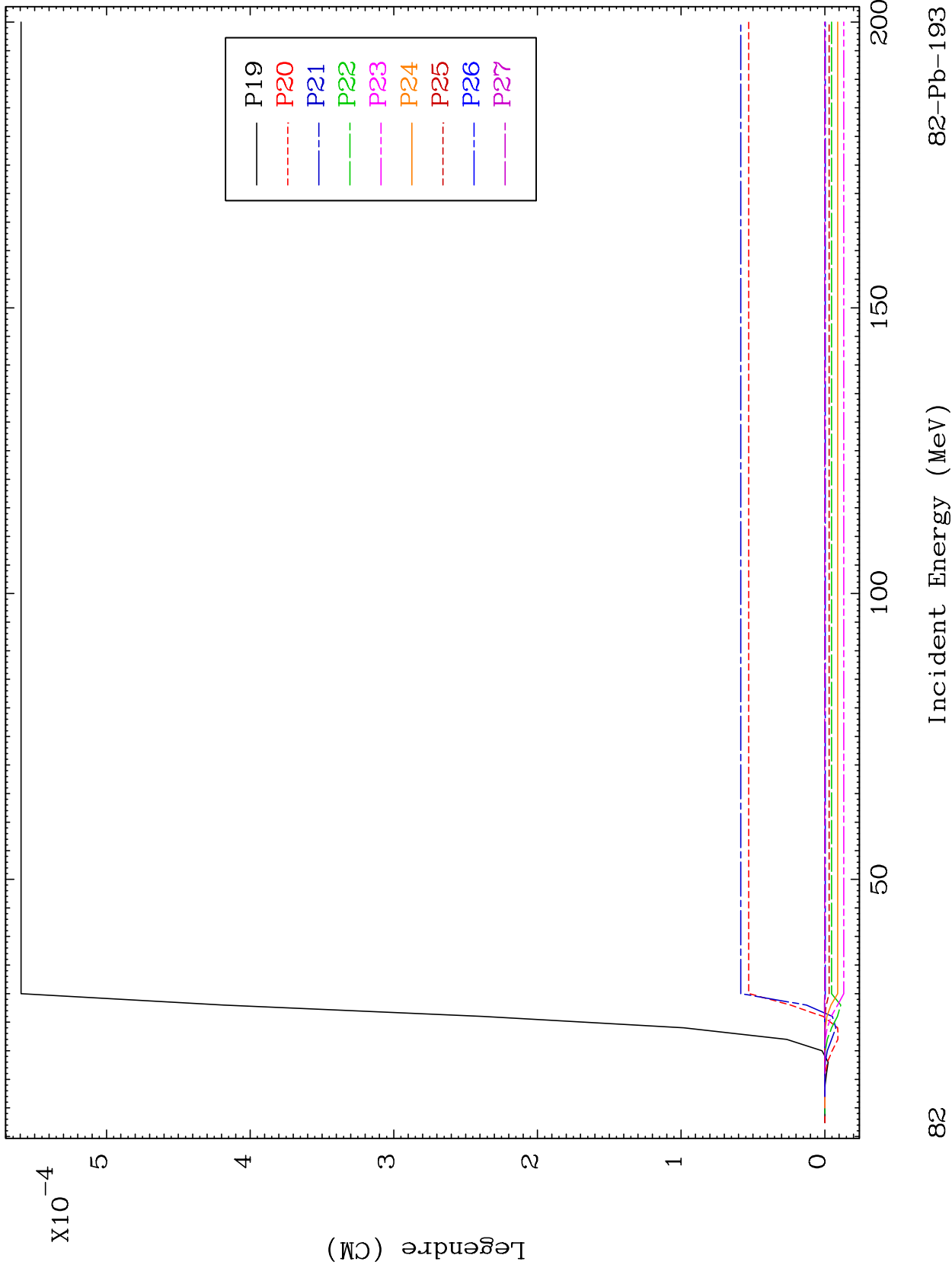
Incident Energy (MeV)

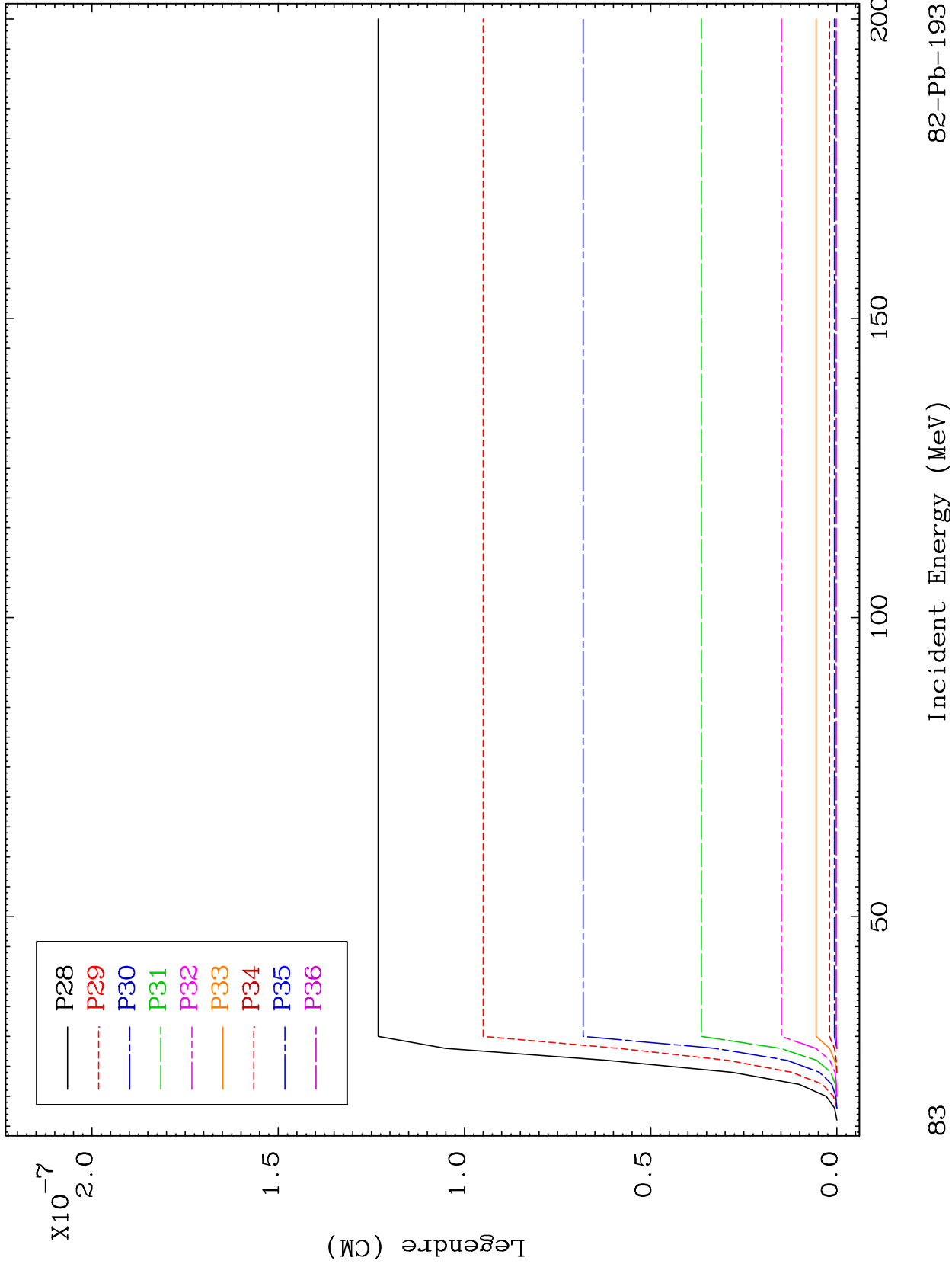
82-Pb-193

MAT 8192

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

82-Pb-193

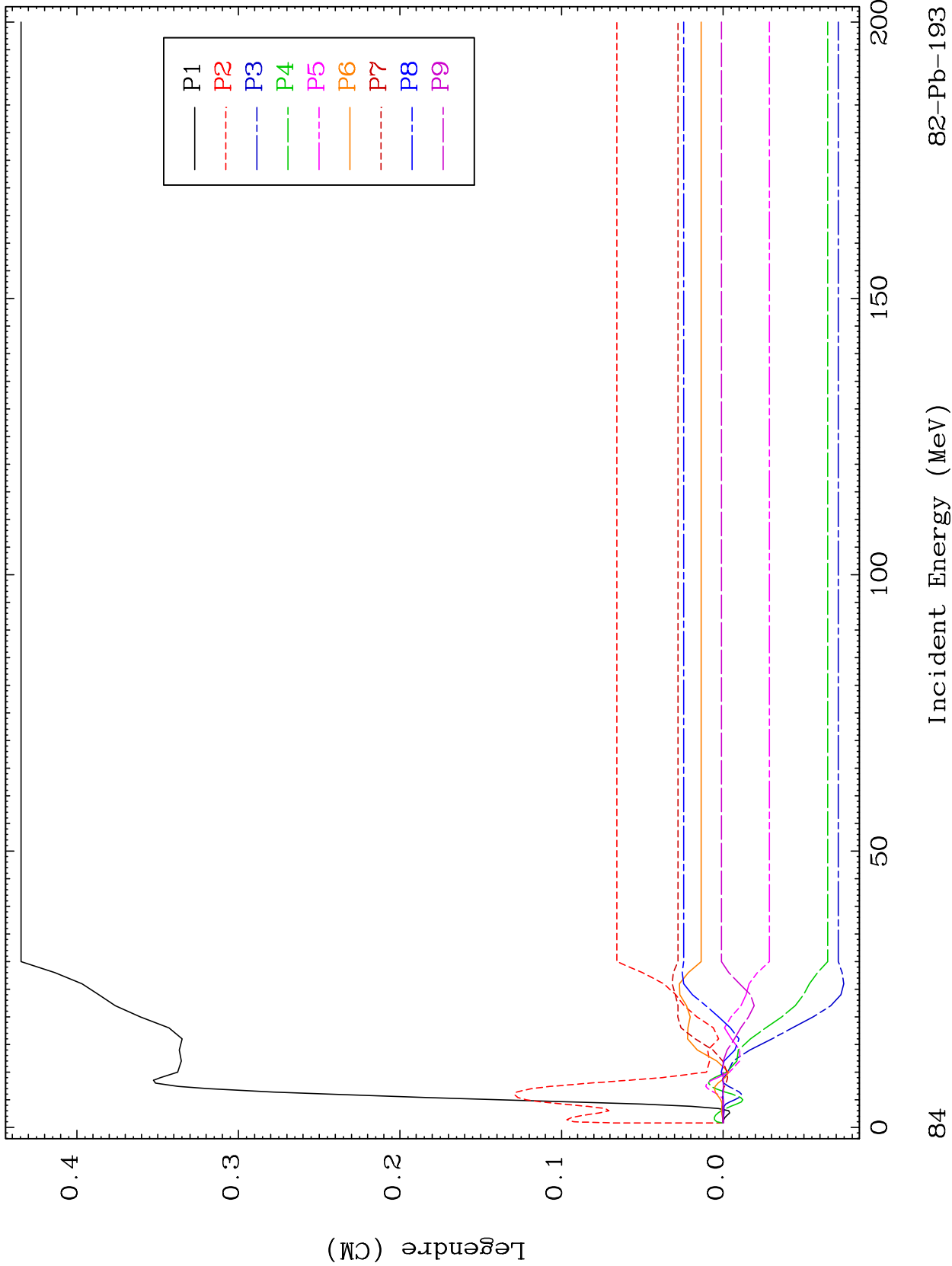




MAT 8192

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

82-Pb-193



82-Pb-193

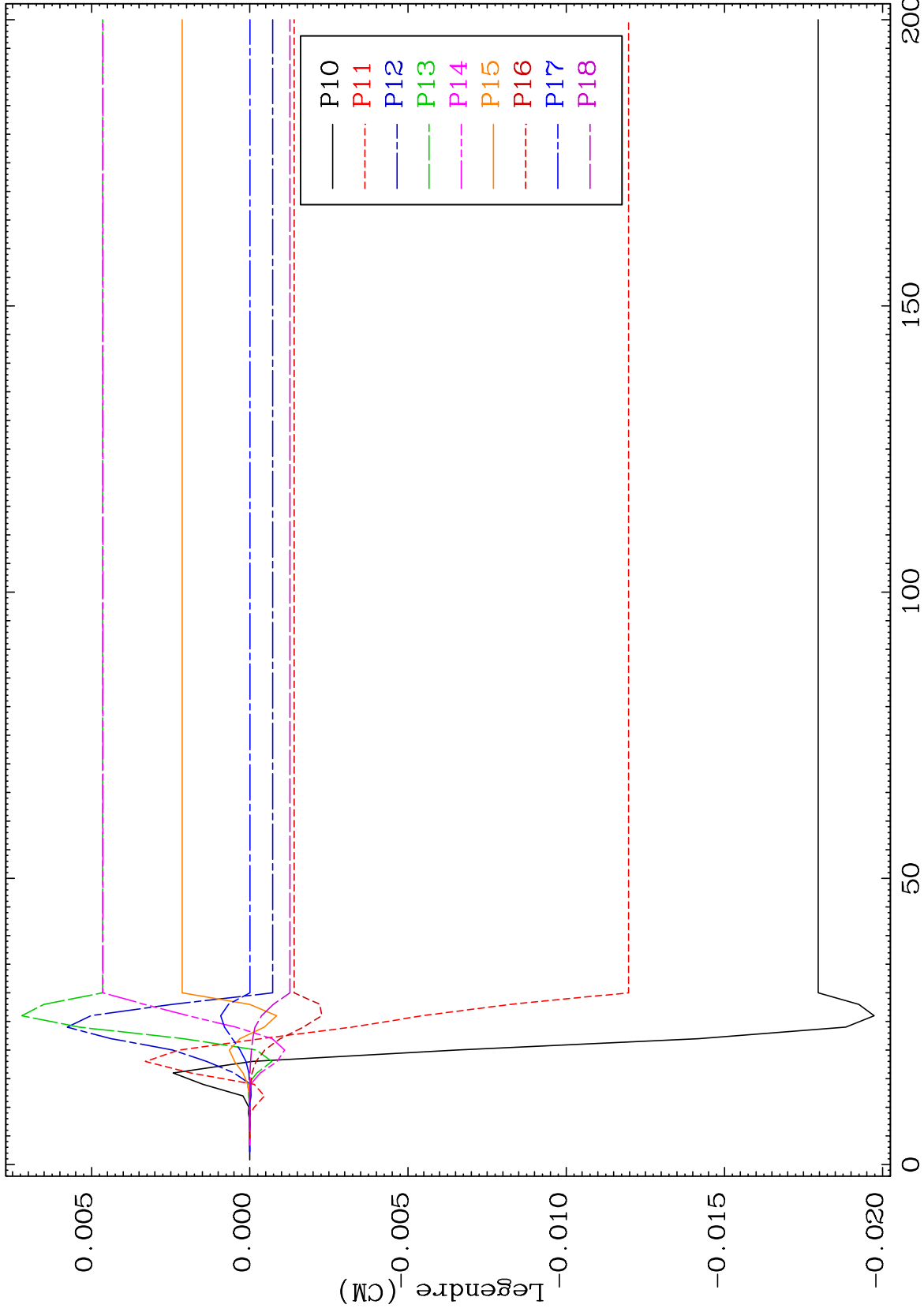
Incident Energy (MeV)

84

MAT 8192

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

82-Pb-193



85

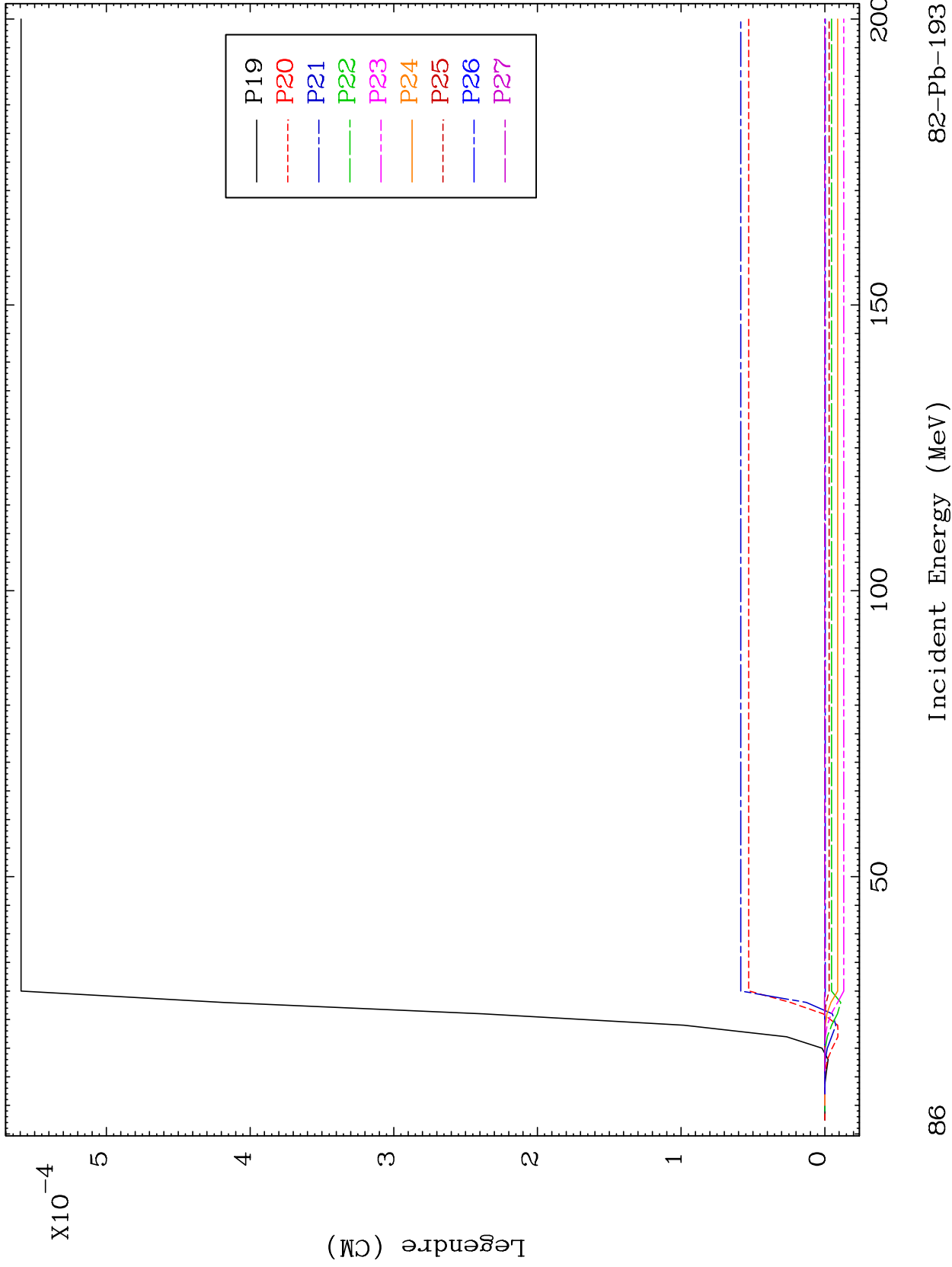
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

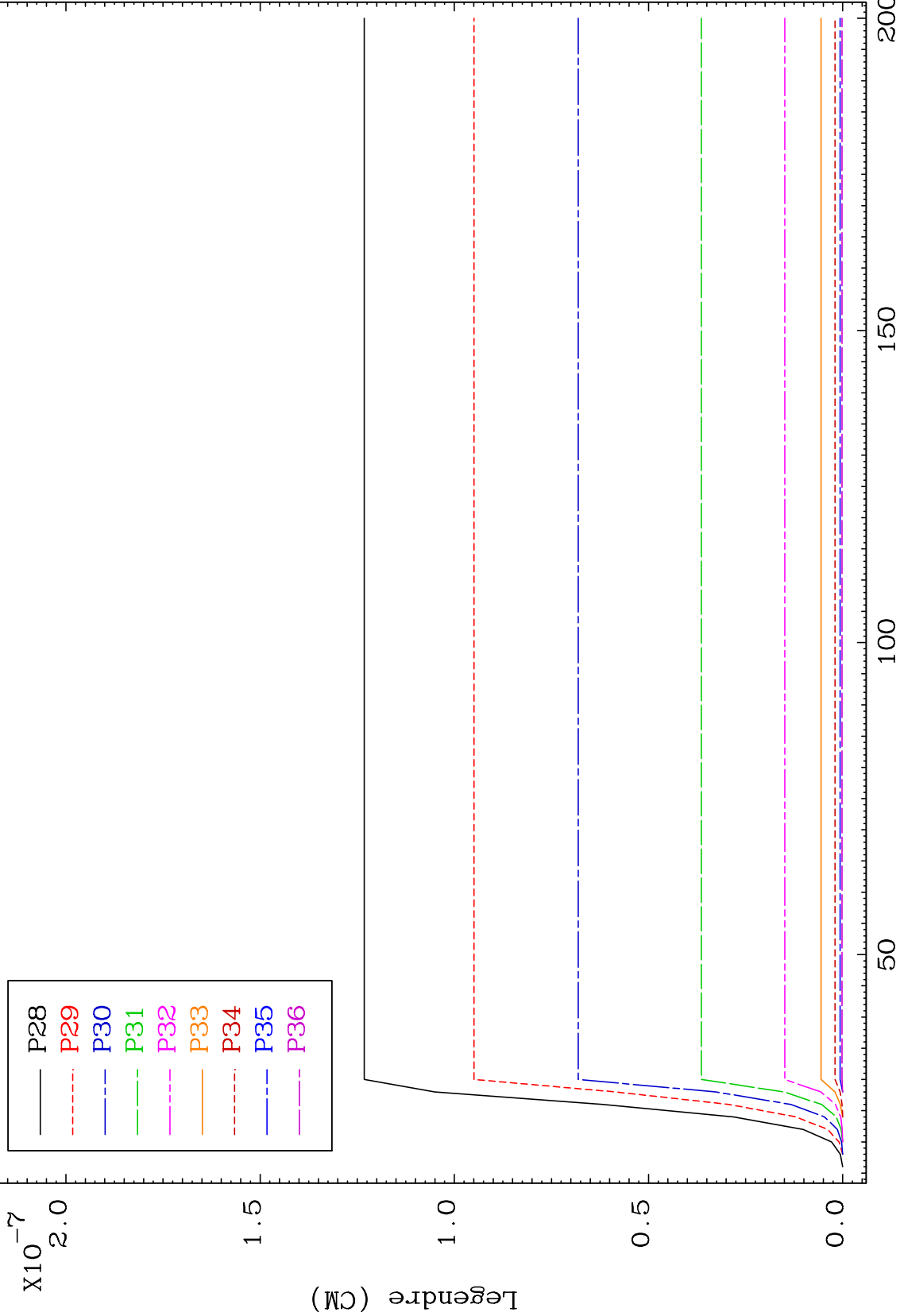
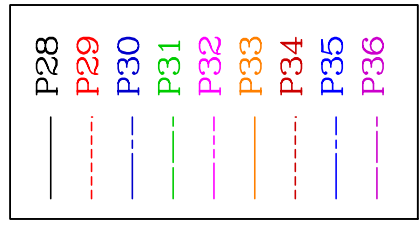
82-Pb-193



MAT 8192

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

82-Pb-193



87

Incident Energy (MeV)

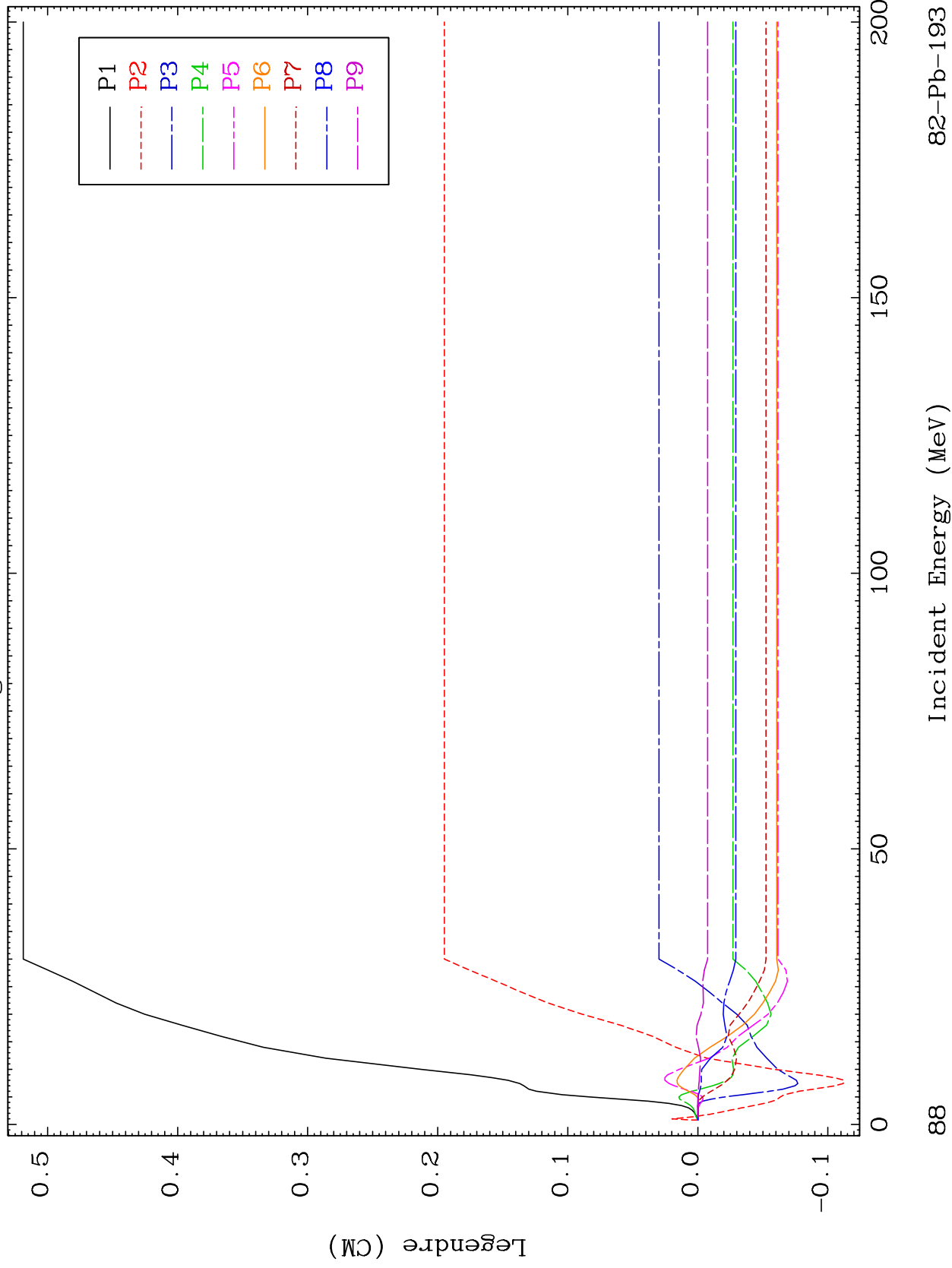
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

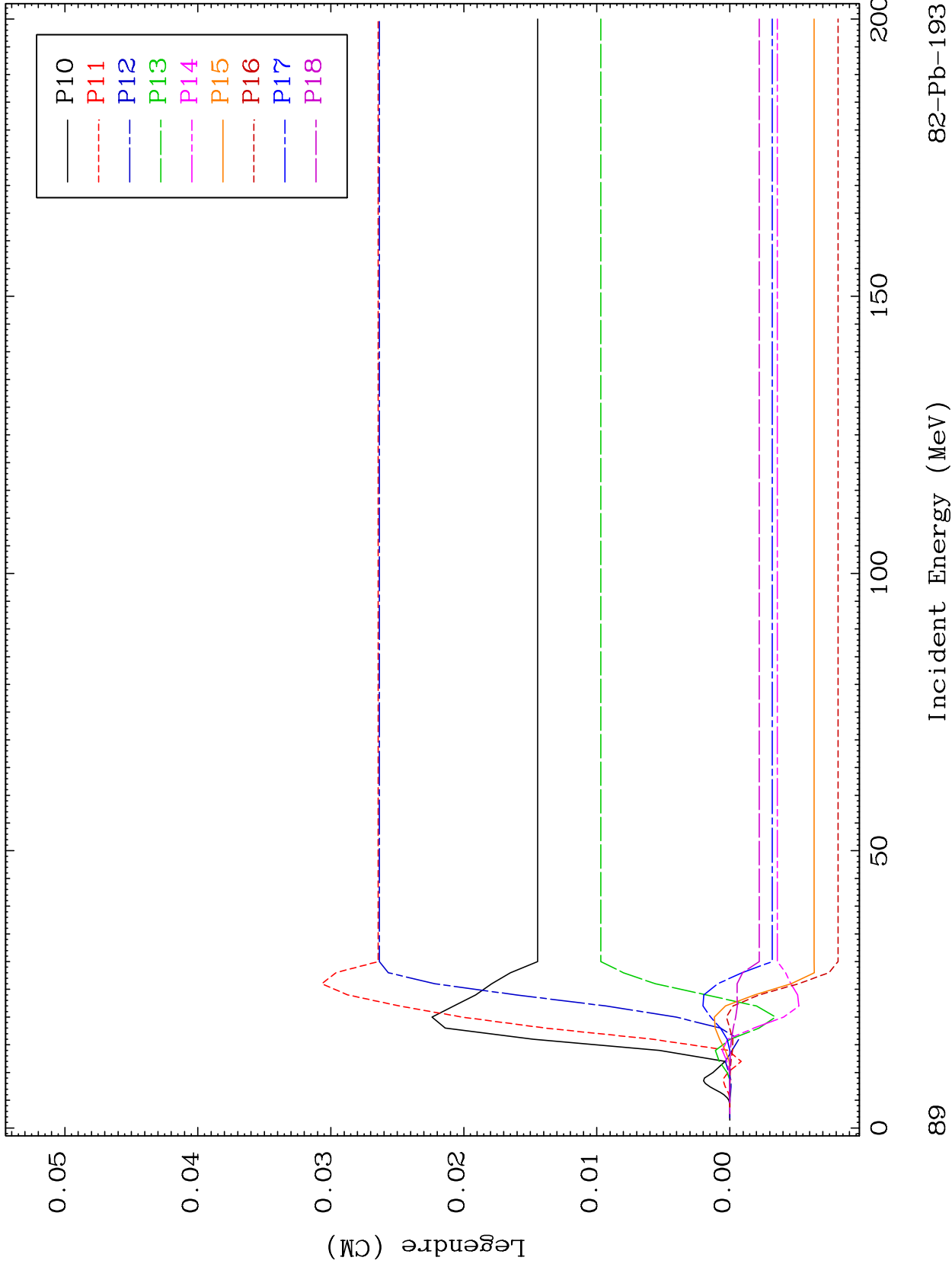
Incident Energy (MeV)

88

MAT 8192

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

82-Pb-193



82-Pb-193

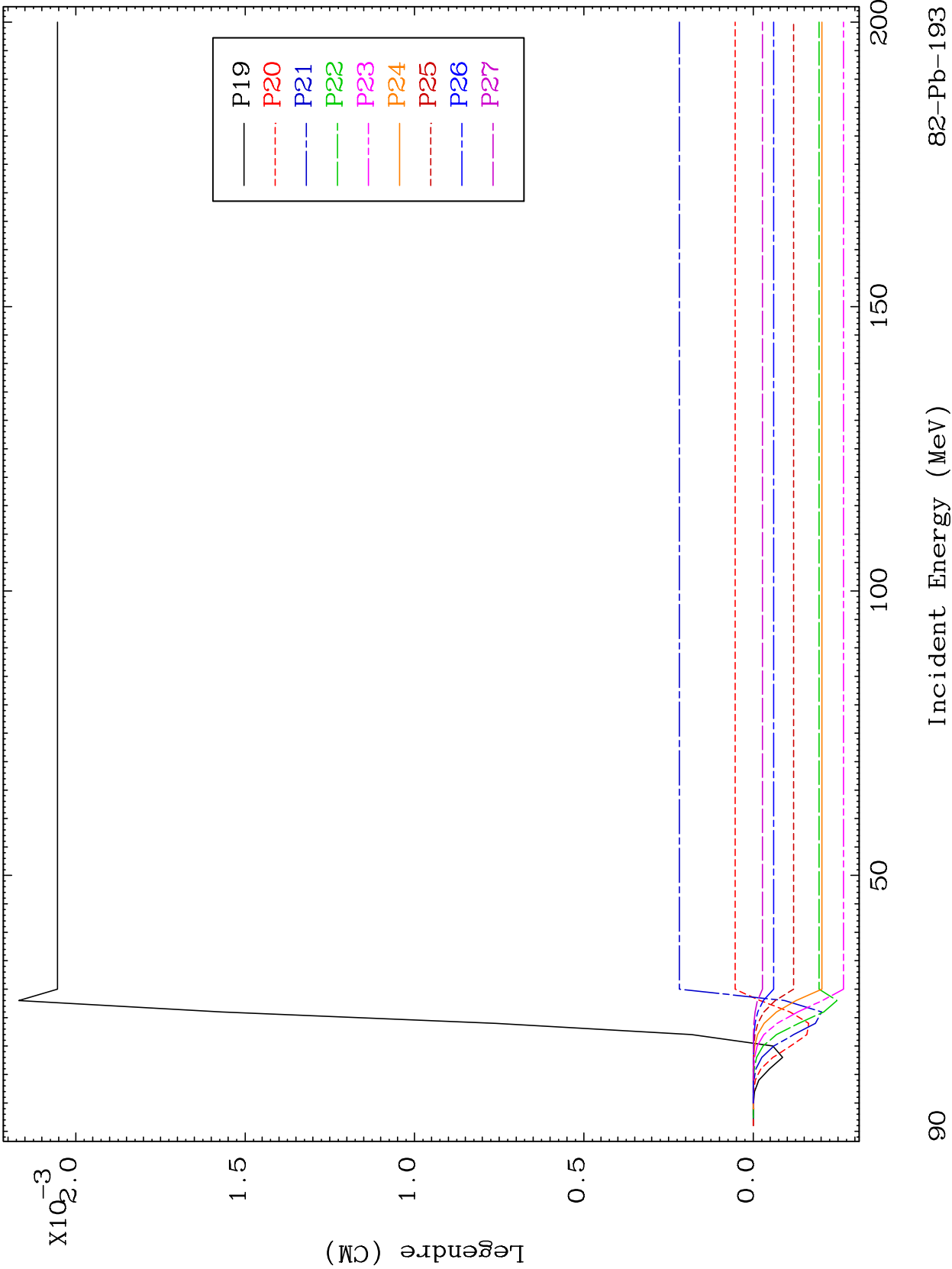
Incident Energy (MeV)

89

MAT 8192

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

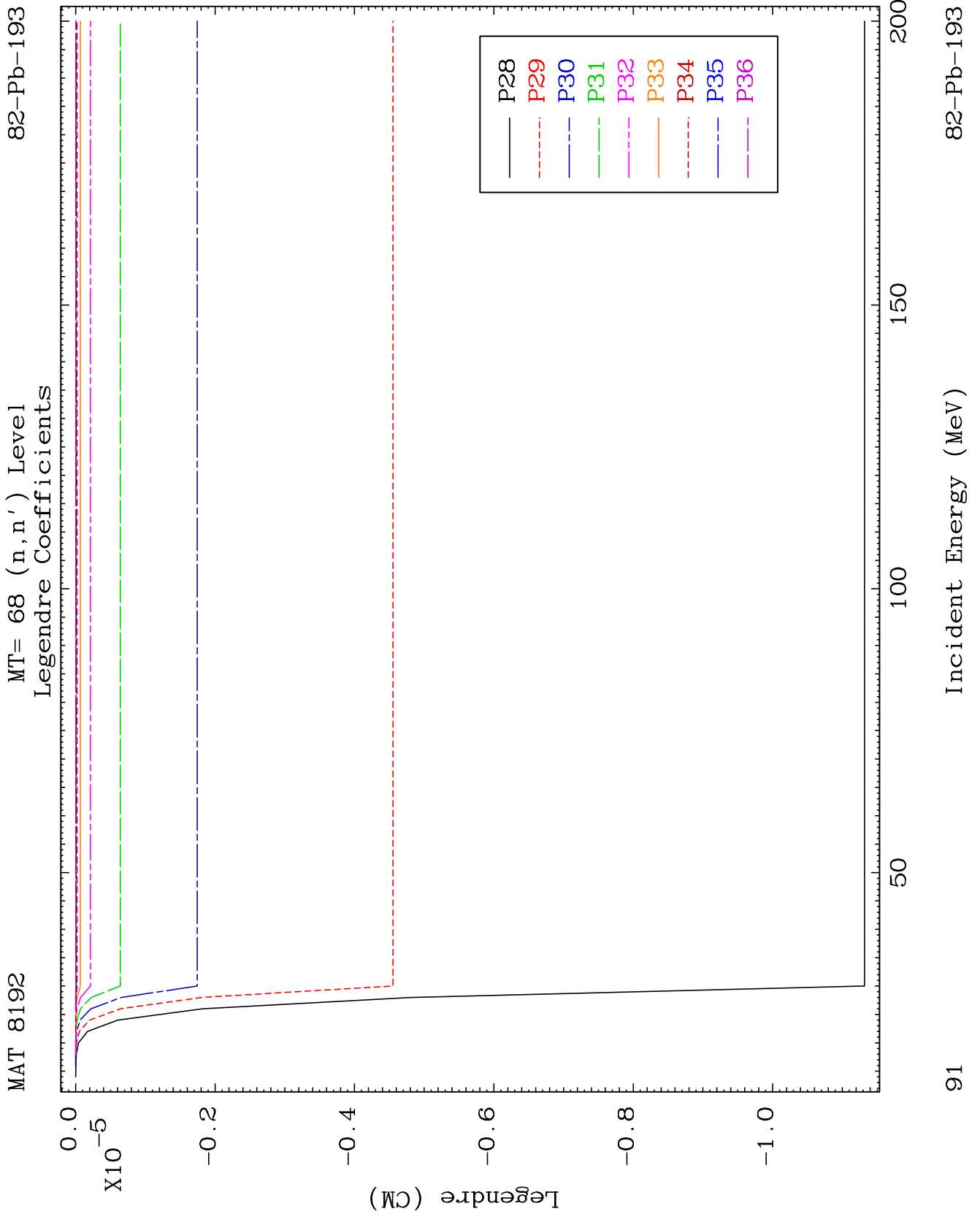
82-Pb-193



90

Incident Energy (MeV)

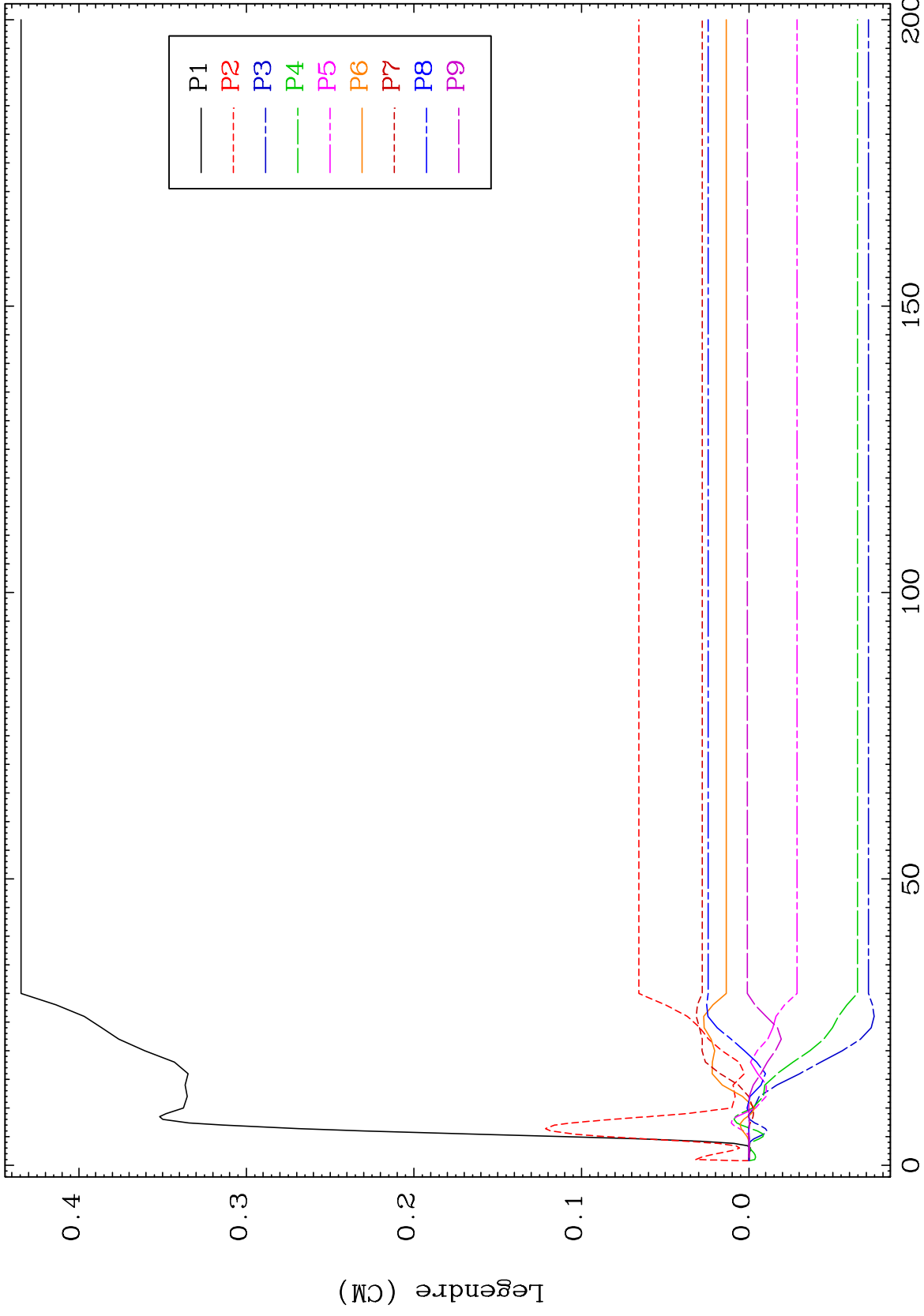
82-Pb-193



MAT 8192

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

82-Pb-193



92

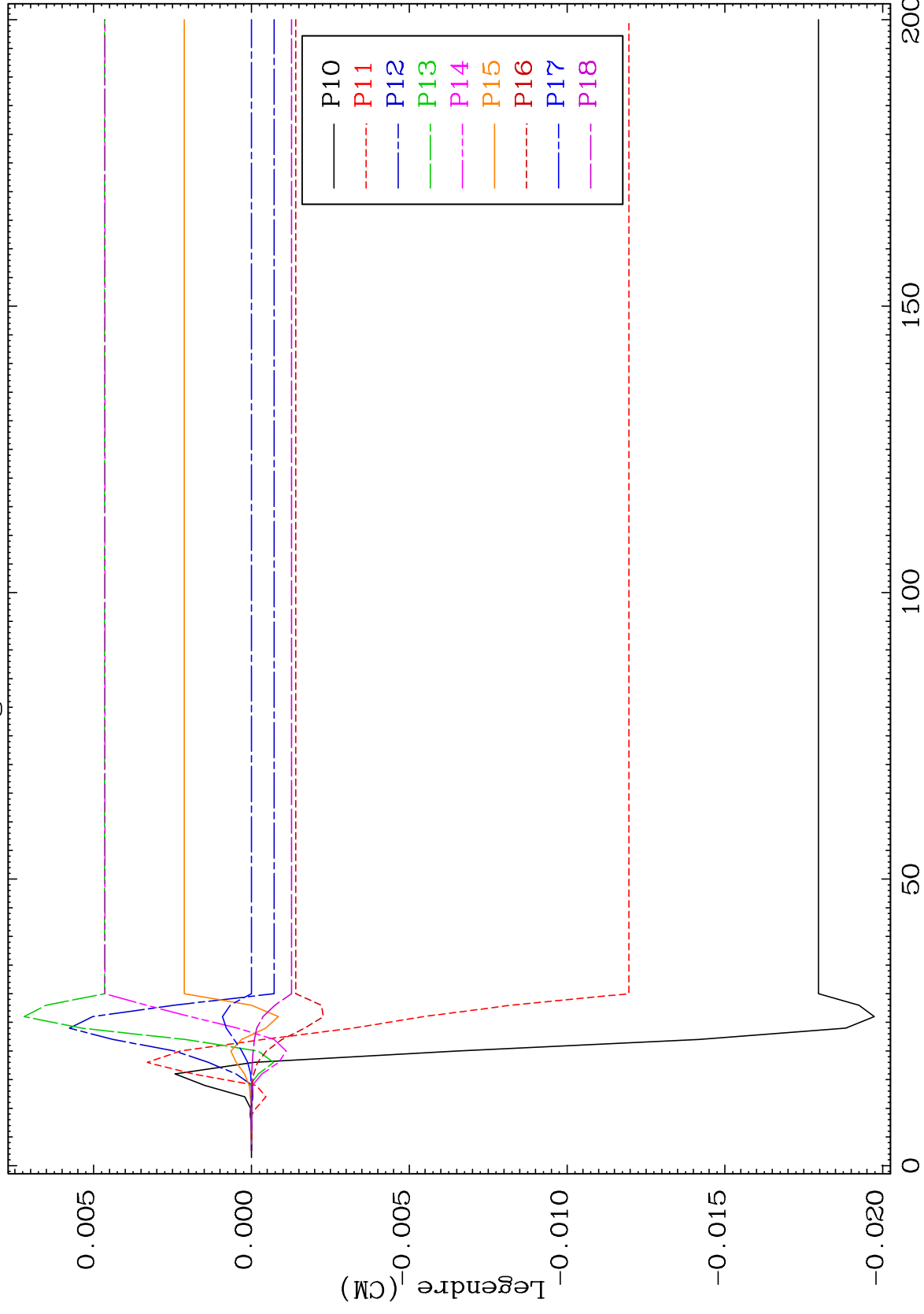
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



93

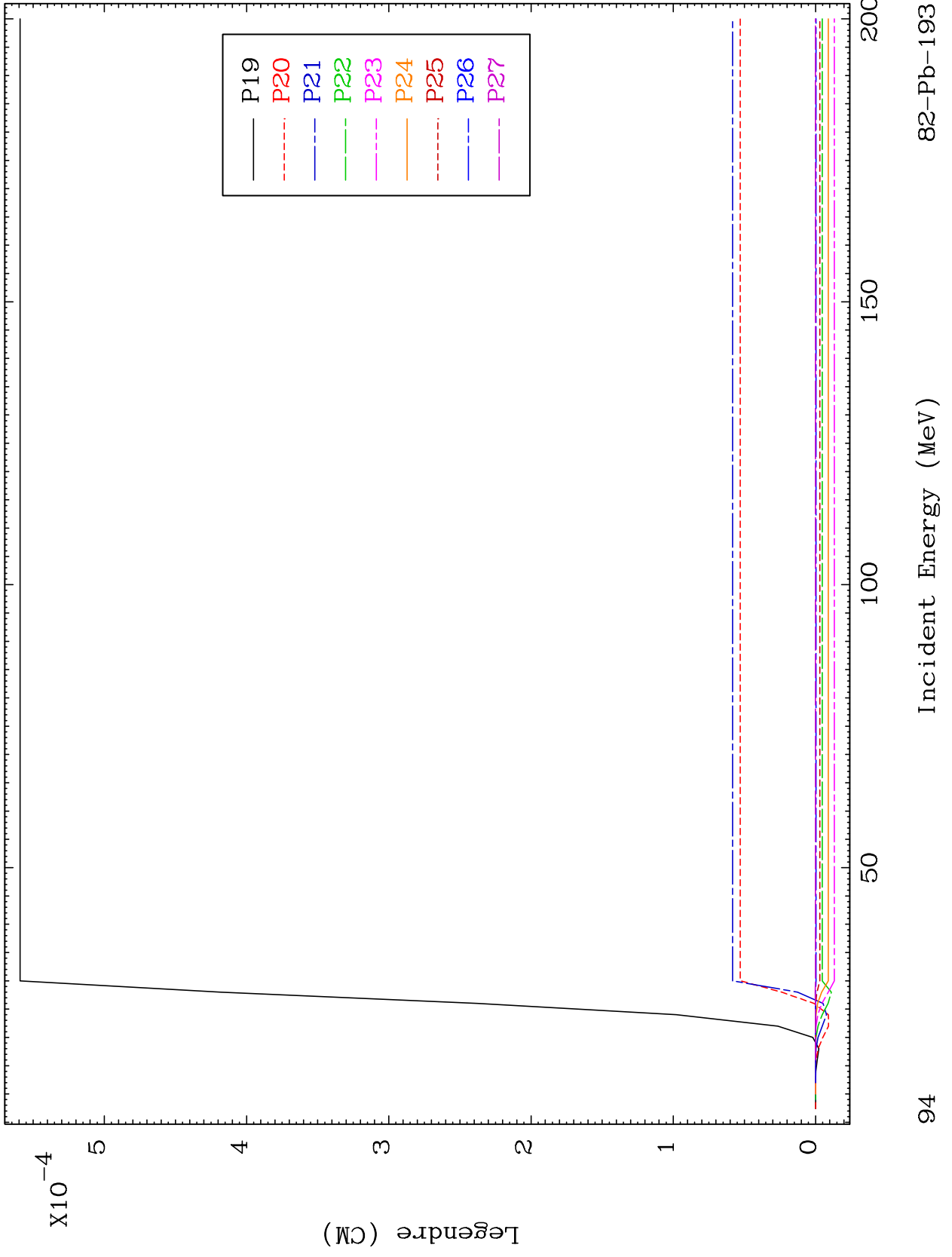
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

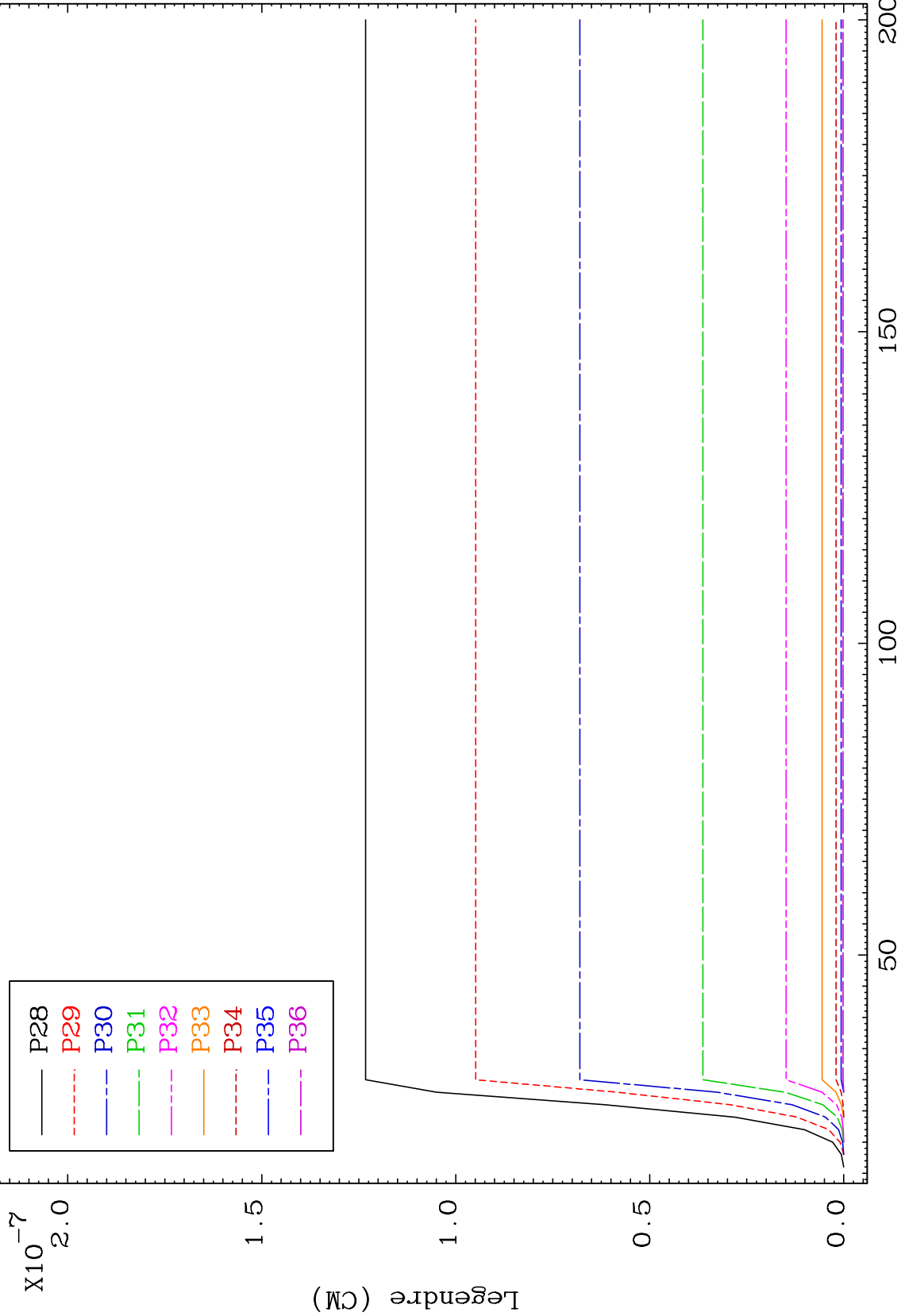
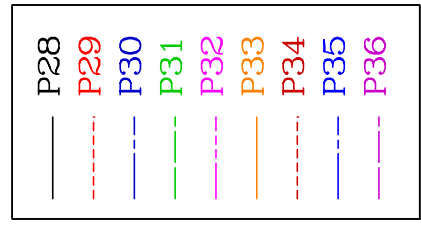
82-Pb-193



MAT 8192

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

82-Pb-193



95

Incident Energy (MeV)

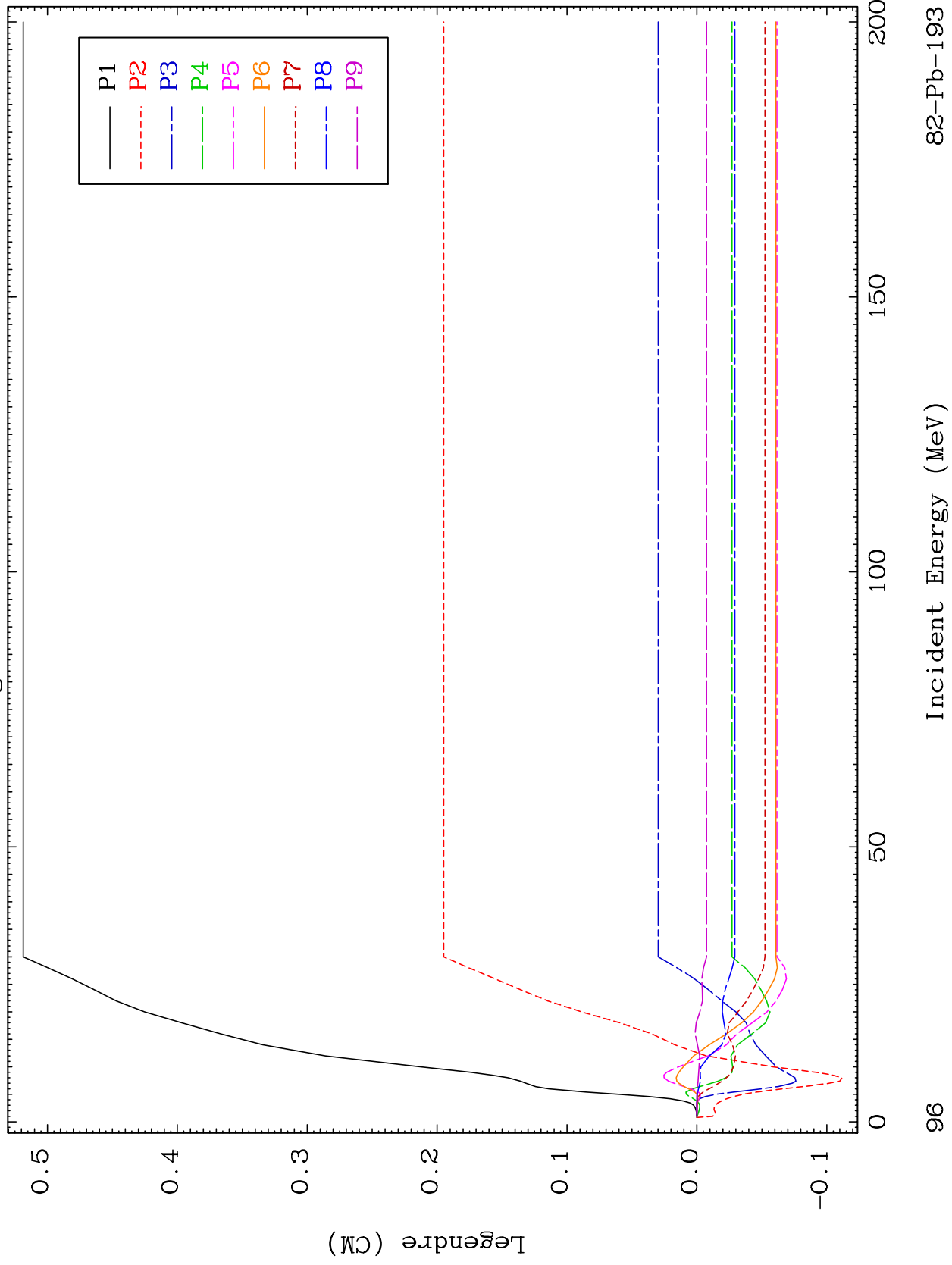
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

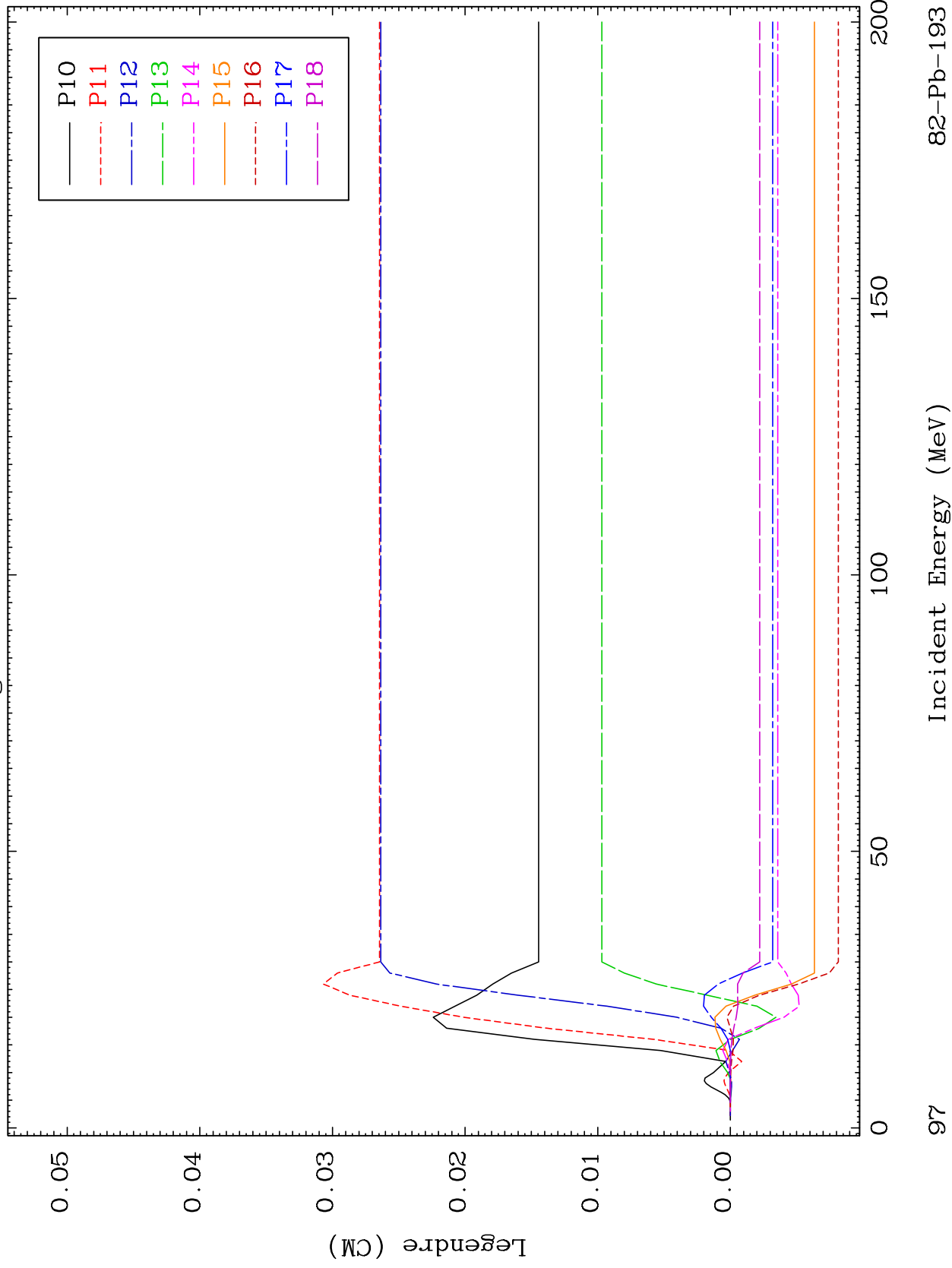
Incident Energy (MeV)

96

MAT 8192

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

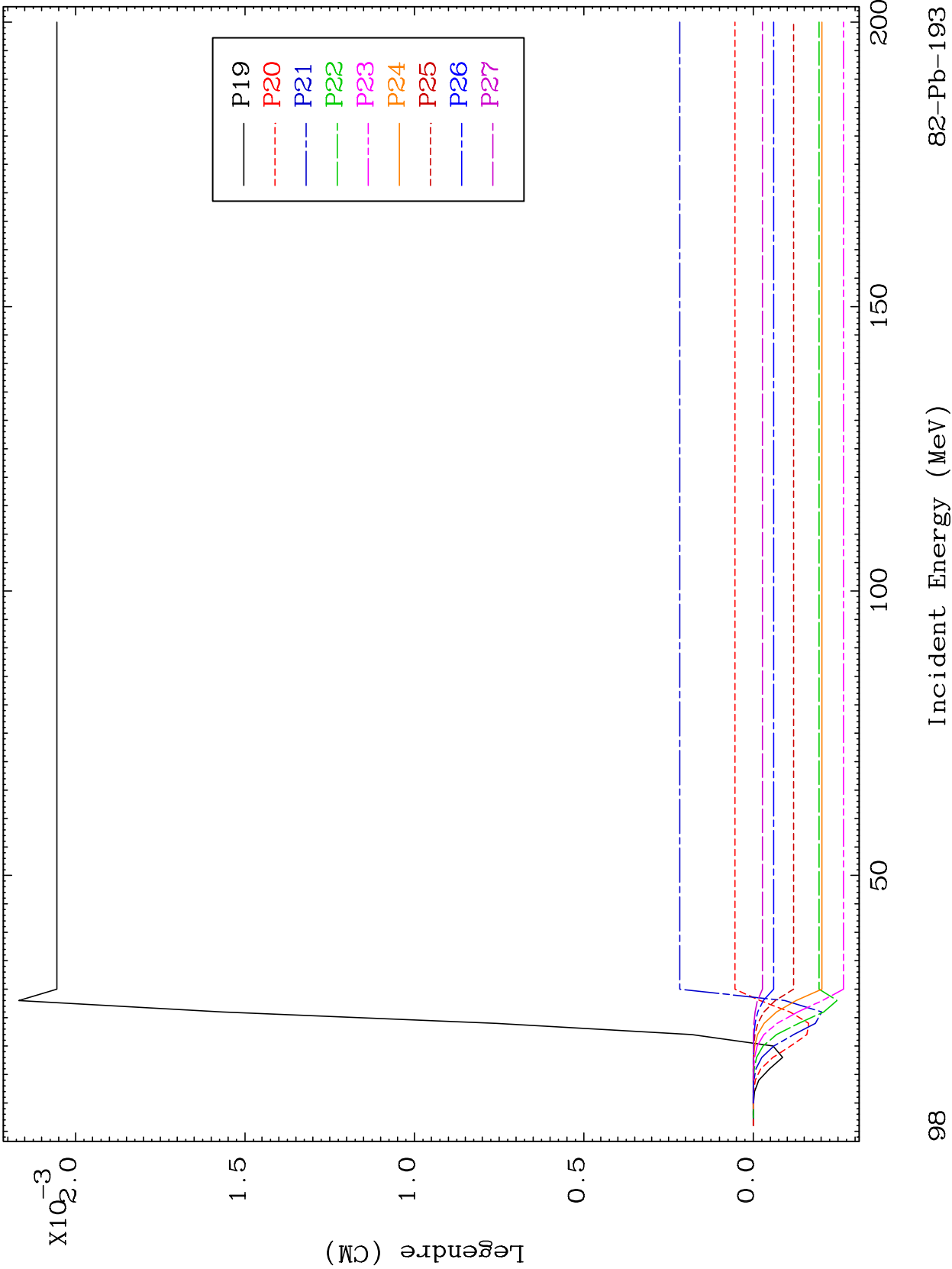
82-Pb-193



97

Incident Energy (MeV)

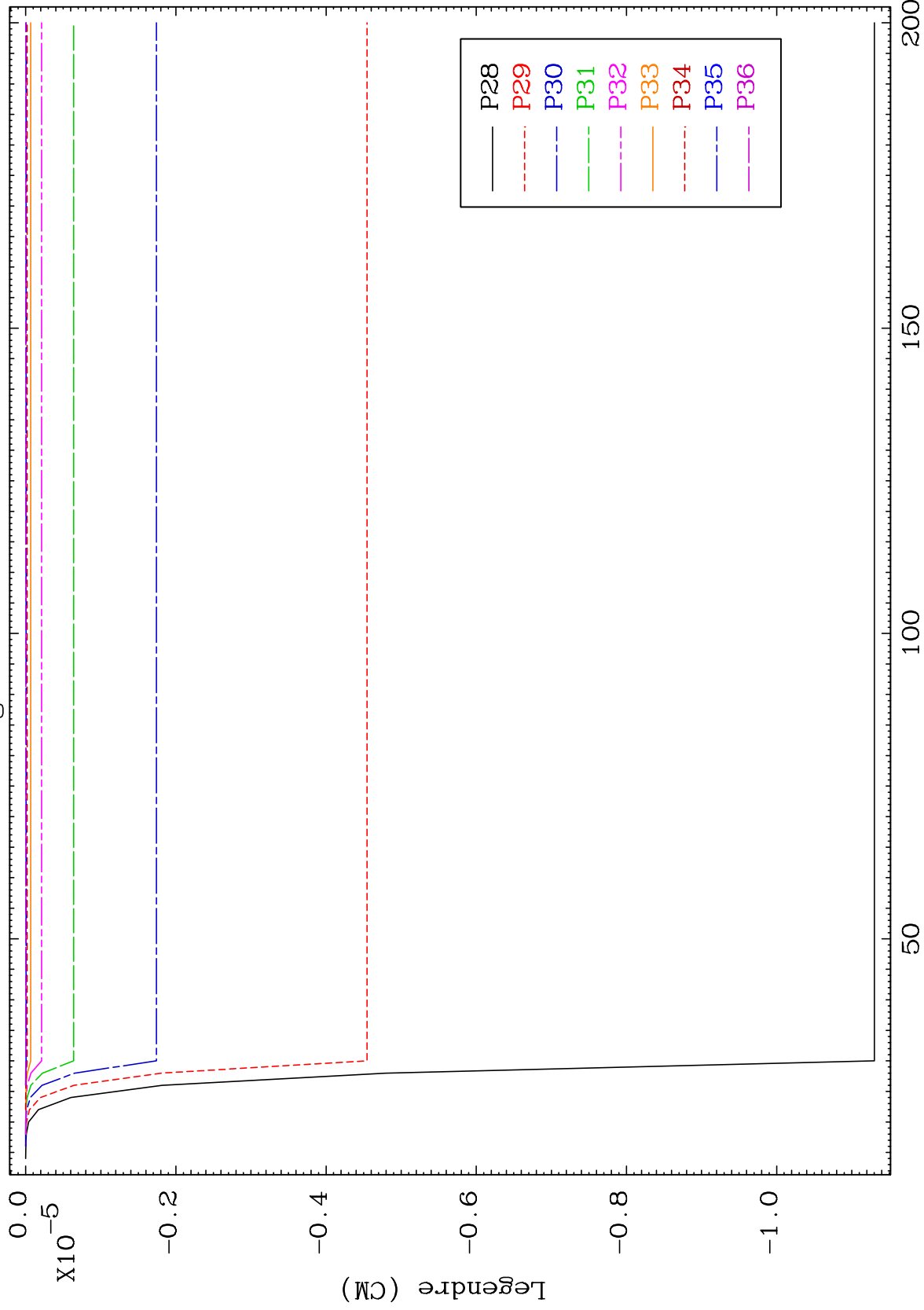
82-Pb-193



MAT 8192

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

82-Pb-193



99

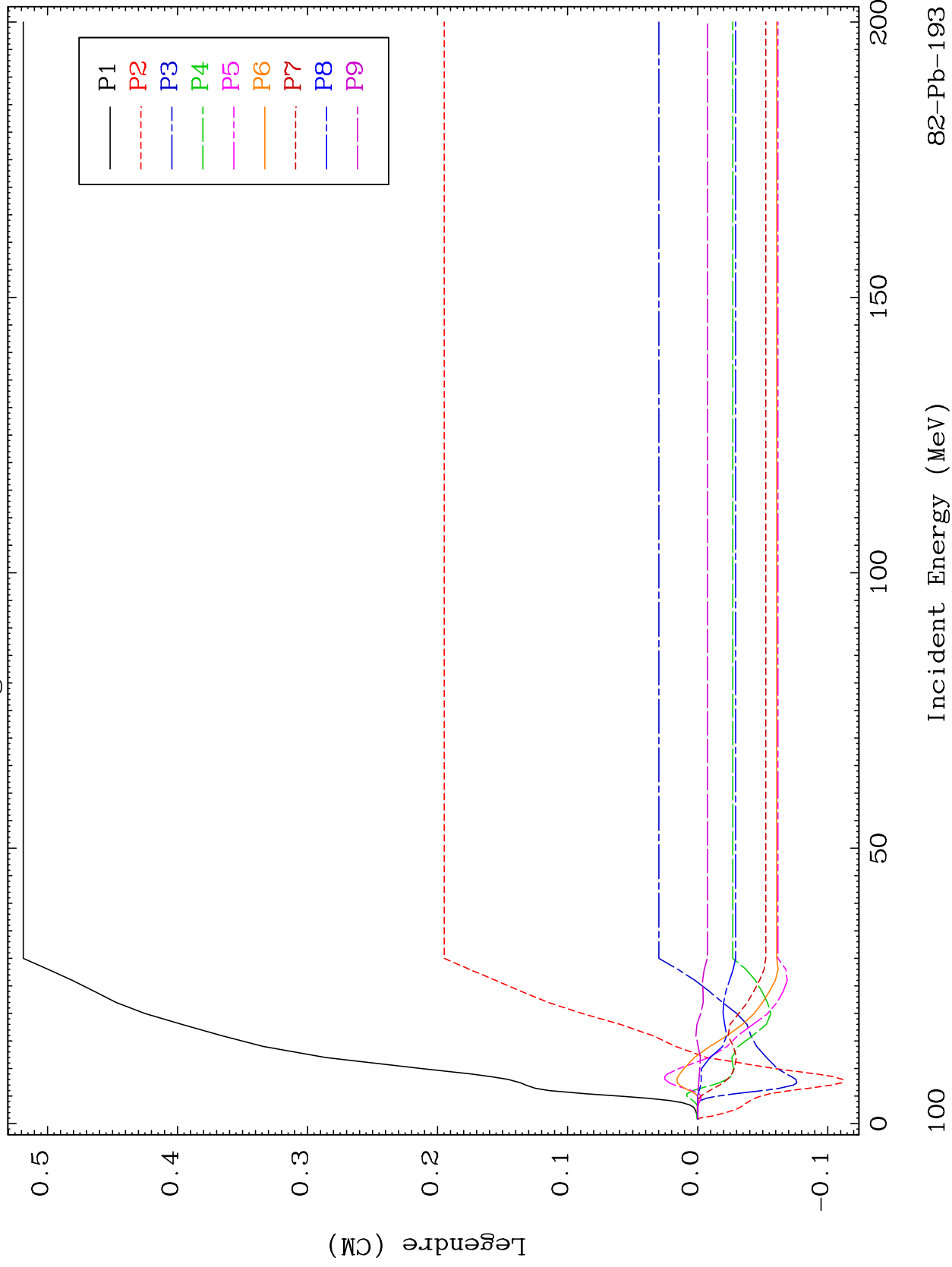
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

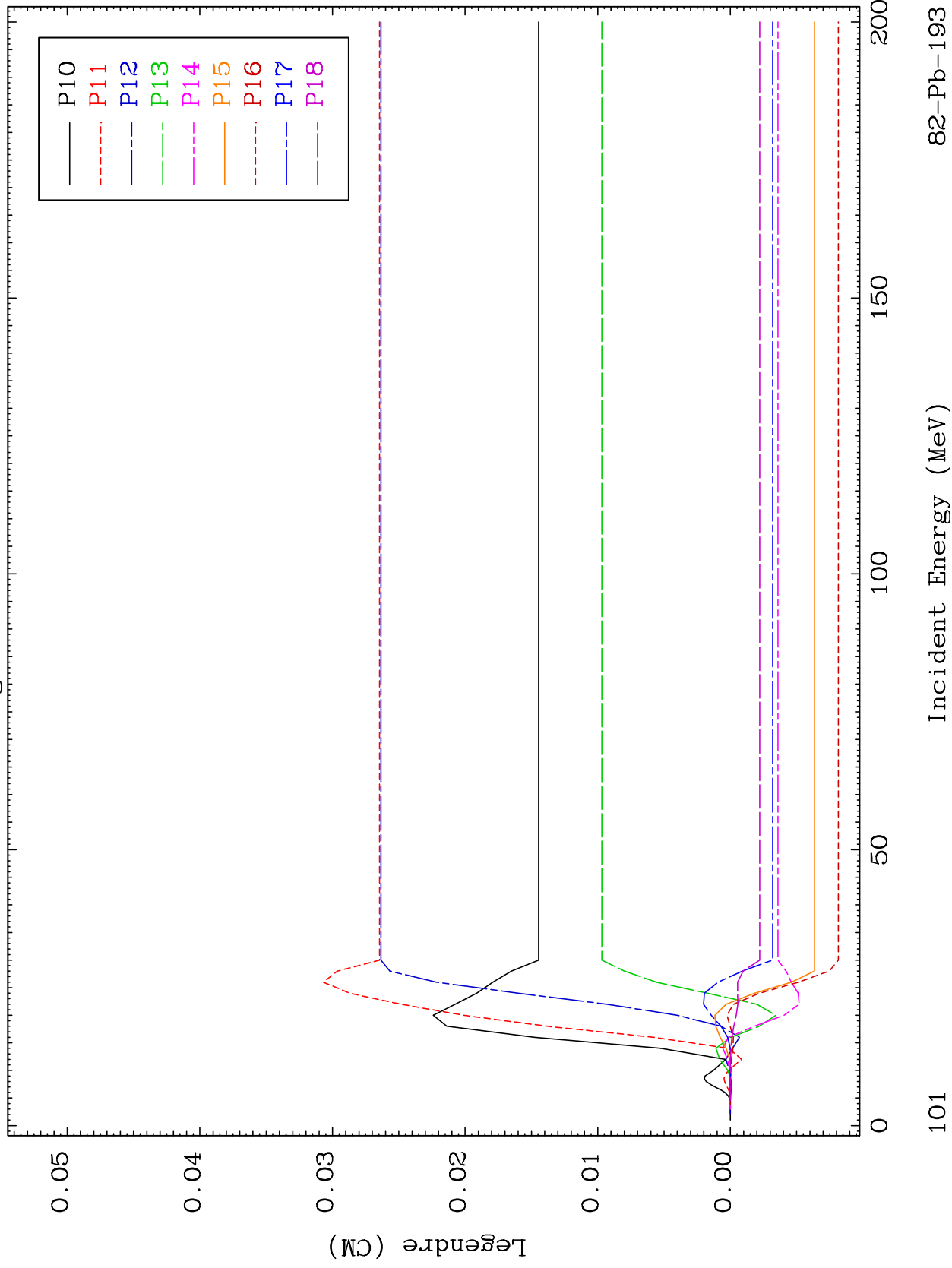
82-Pb-193



MAT 8192

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

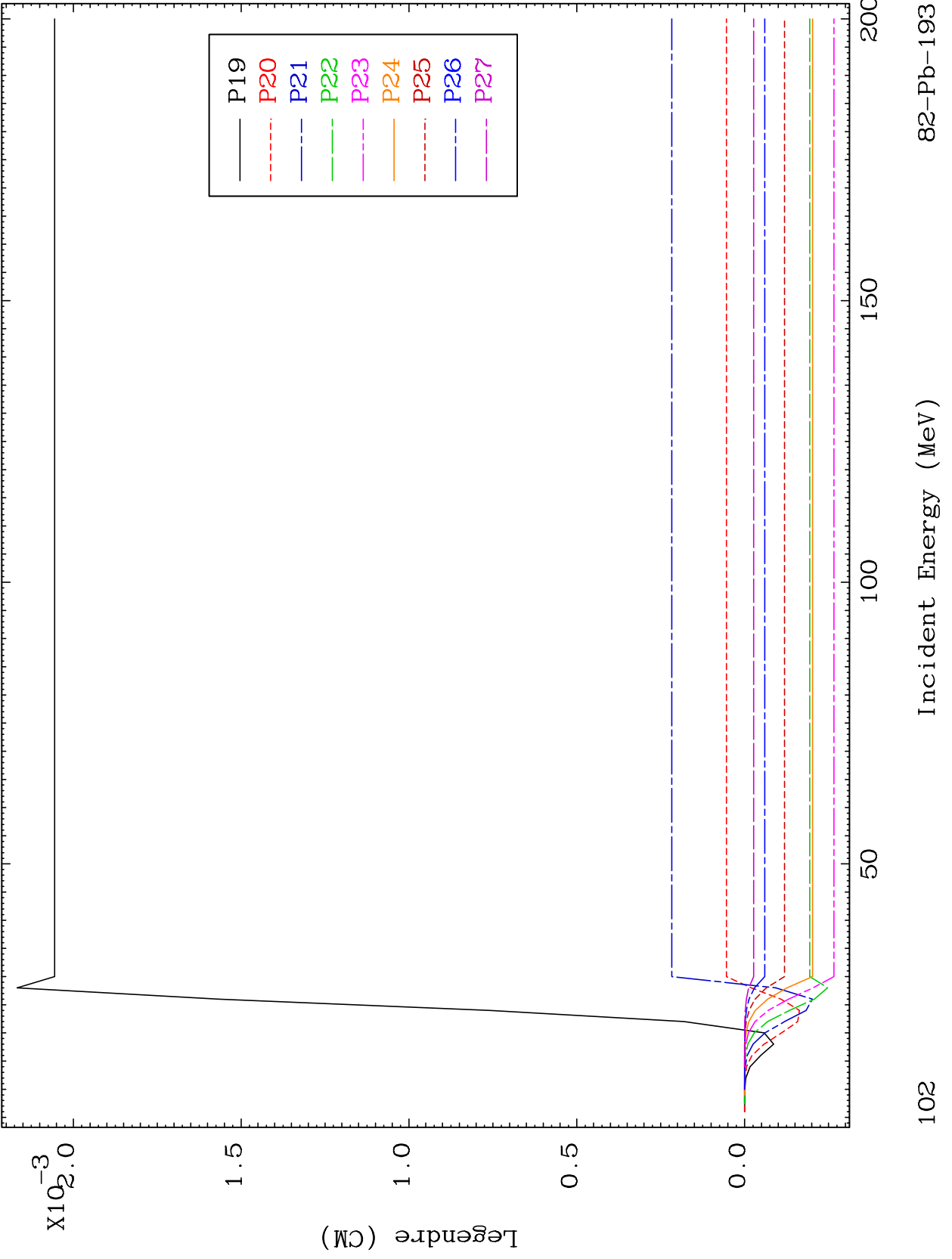
82-Pb-193

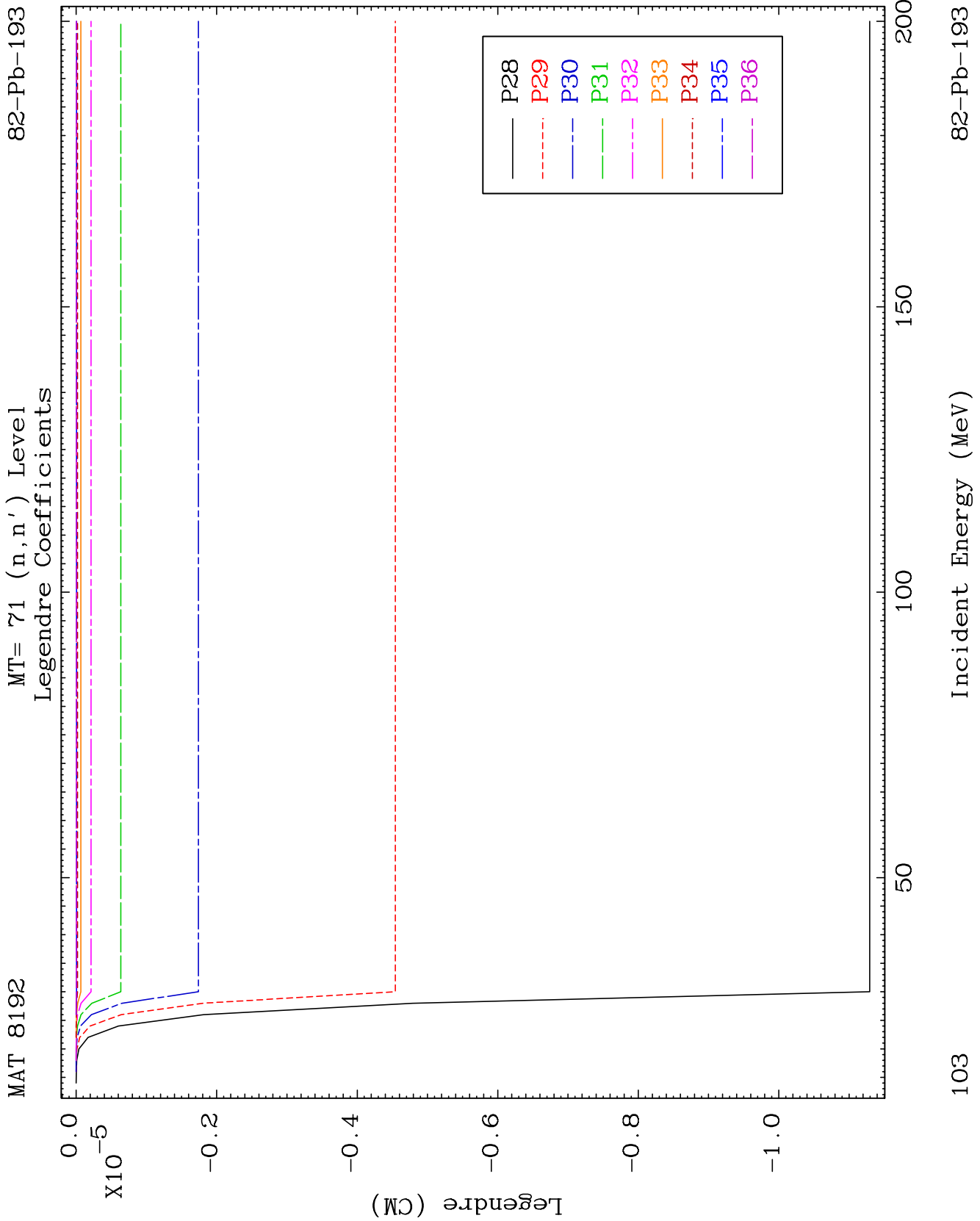


101

Incident Energy (MeV)

82-Pb-193



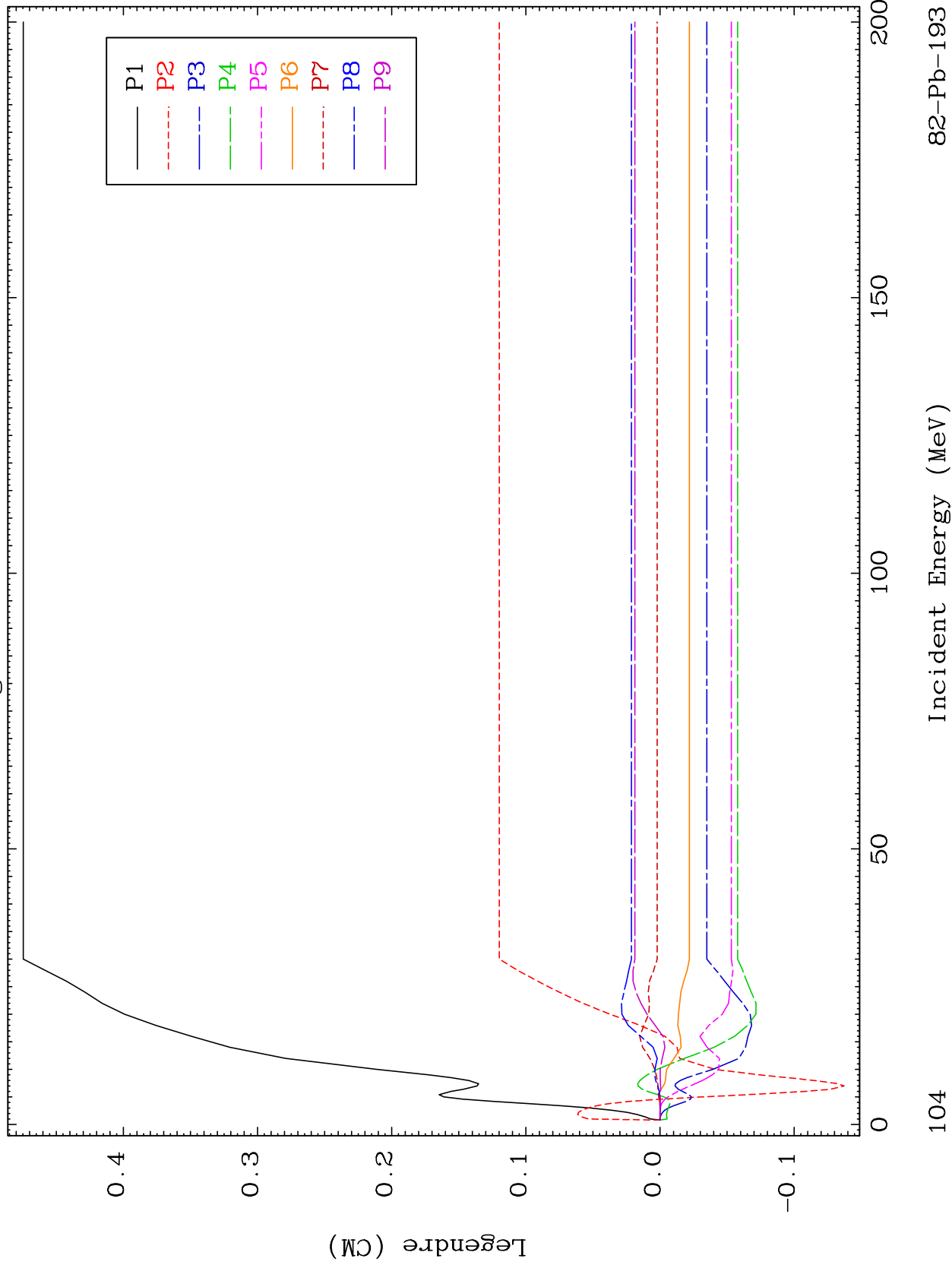




MAT 8192

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

82-Pb-193



82-Pb-193

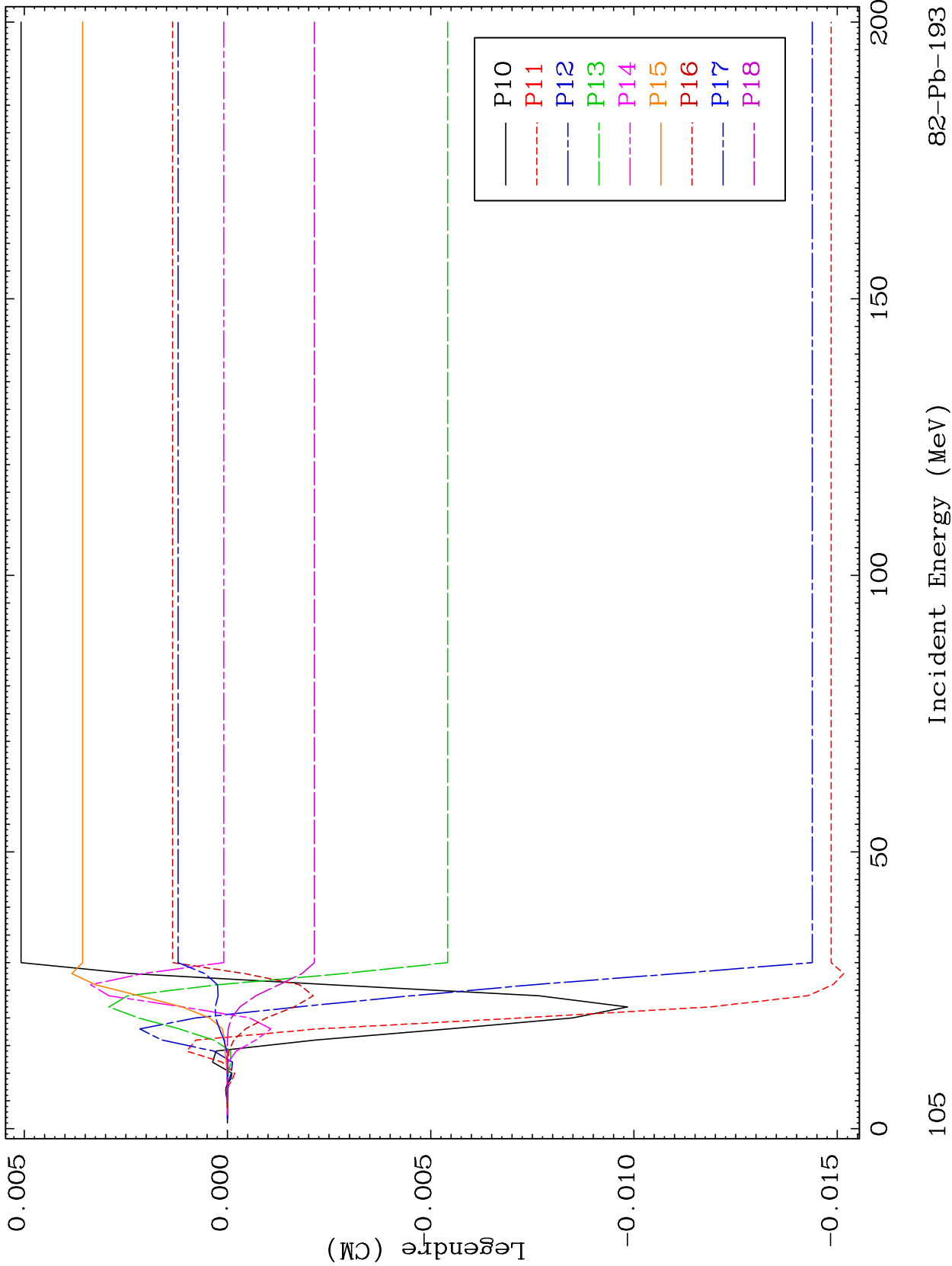
Incident Energy (MeV)

104

MAT 8192

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

82-Pb-193



82-Pb-193

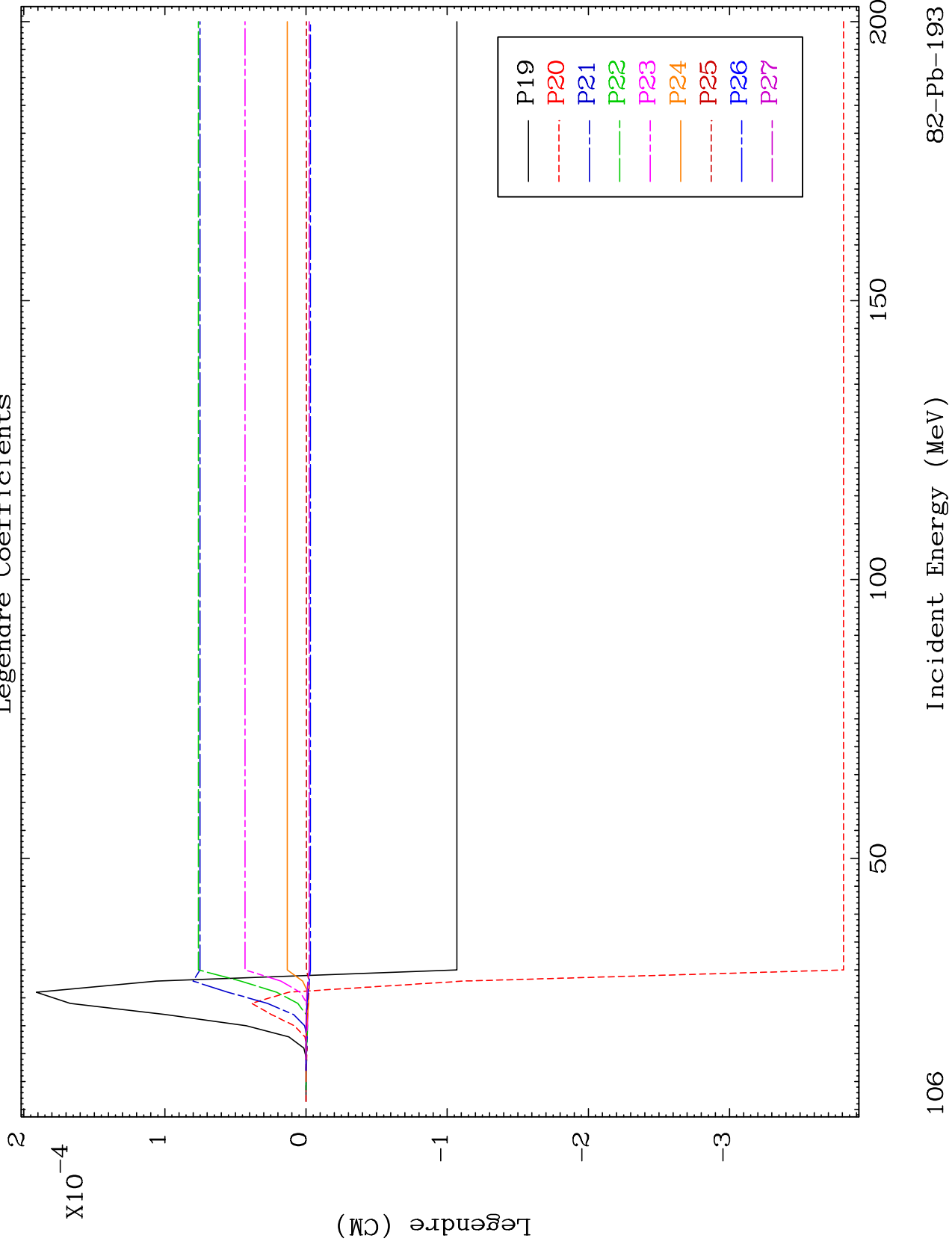
Incident Energy (MeV)

105

MAT 8192

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

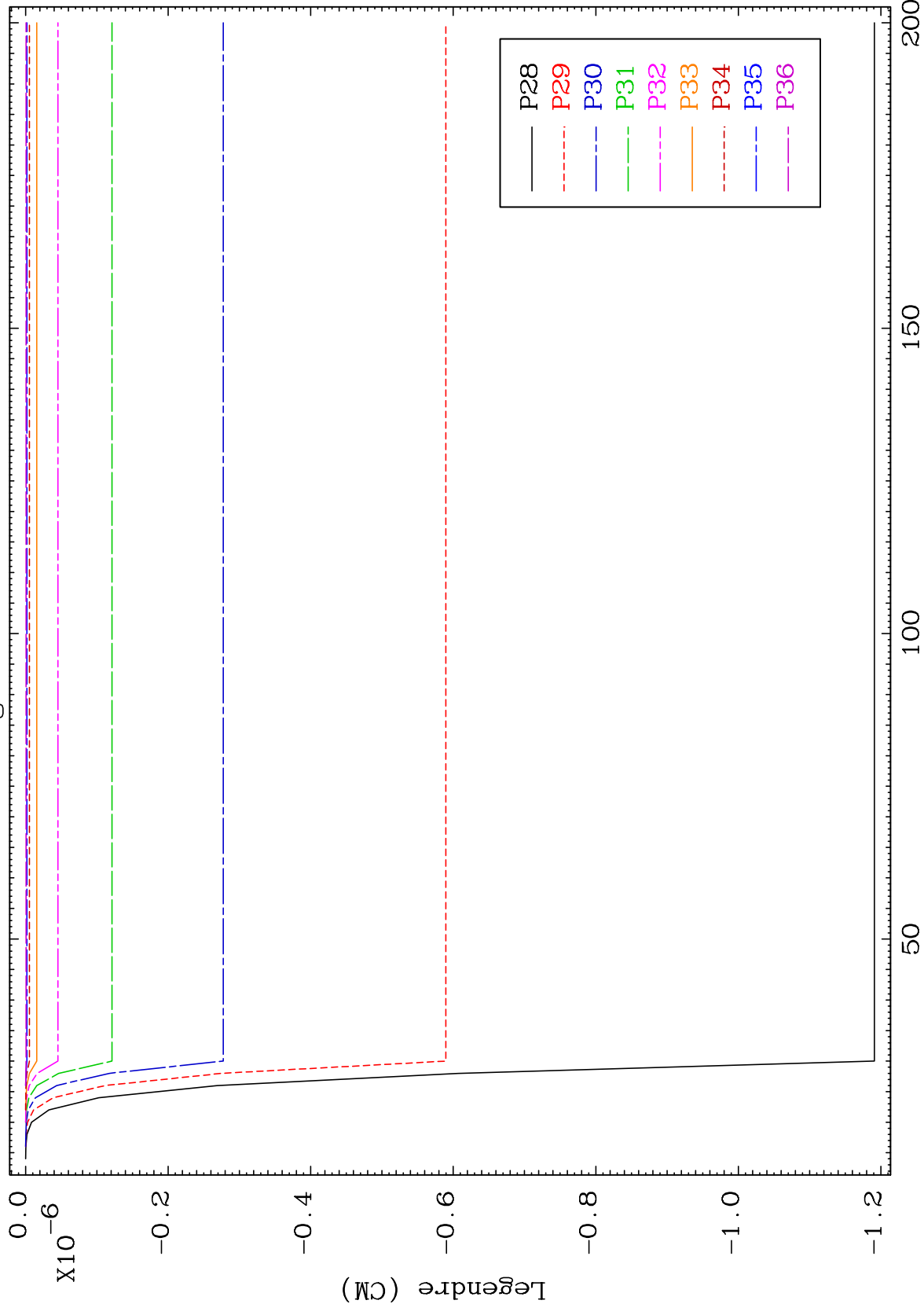
82-Pb-193



MAT 8192

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

82-Pb-193

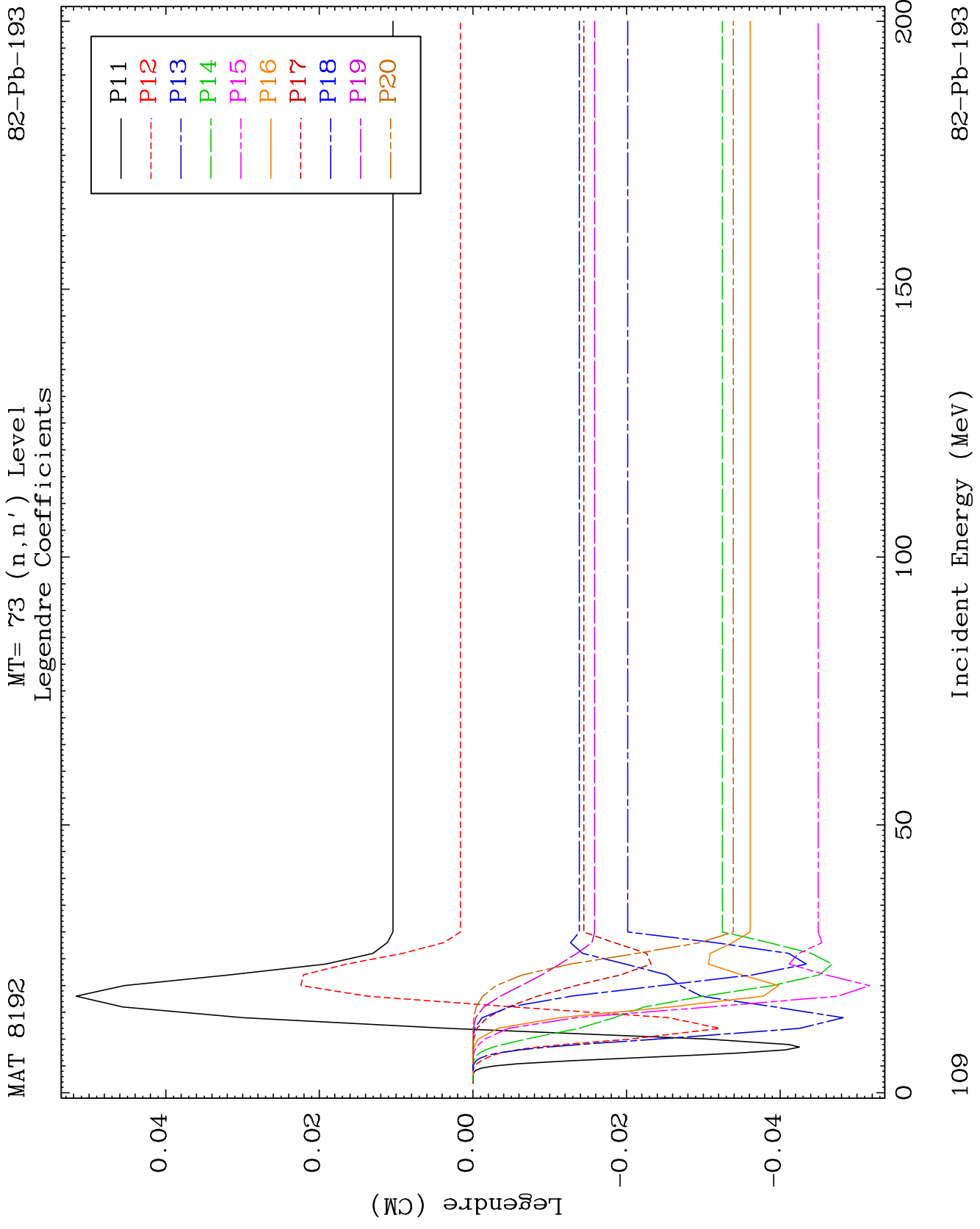


107

Incident Energy (MeV)

82-Pb-193

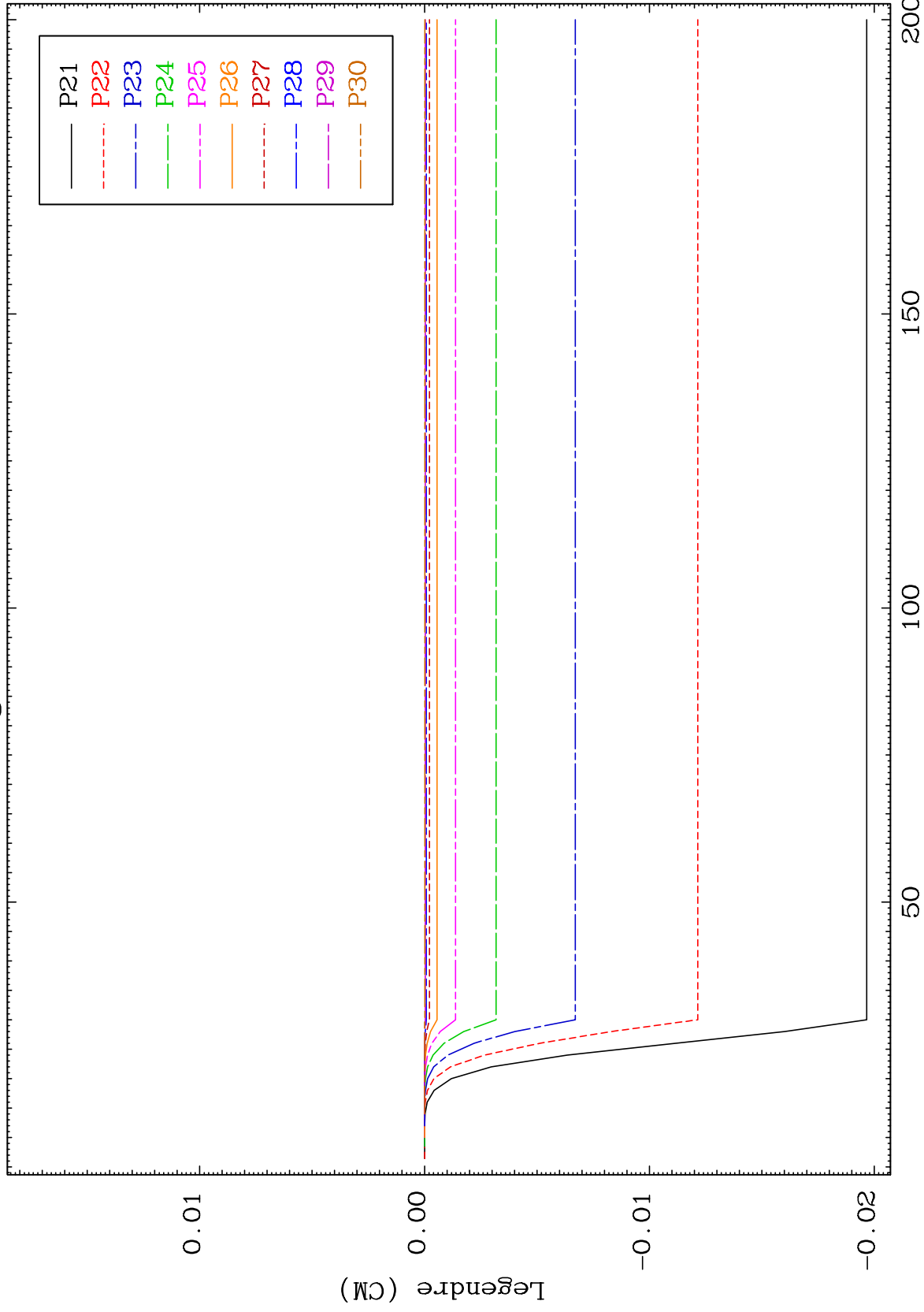




MAT 8192

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

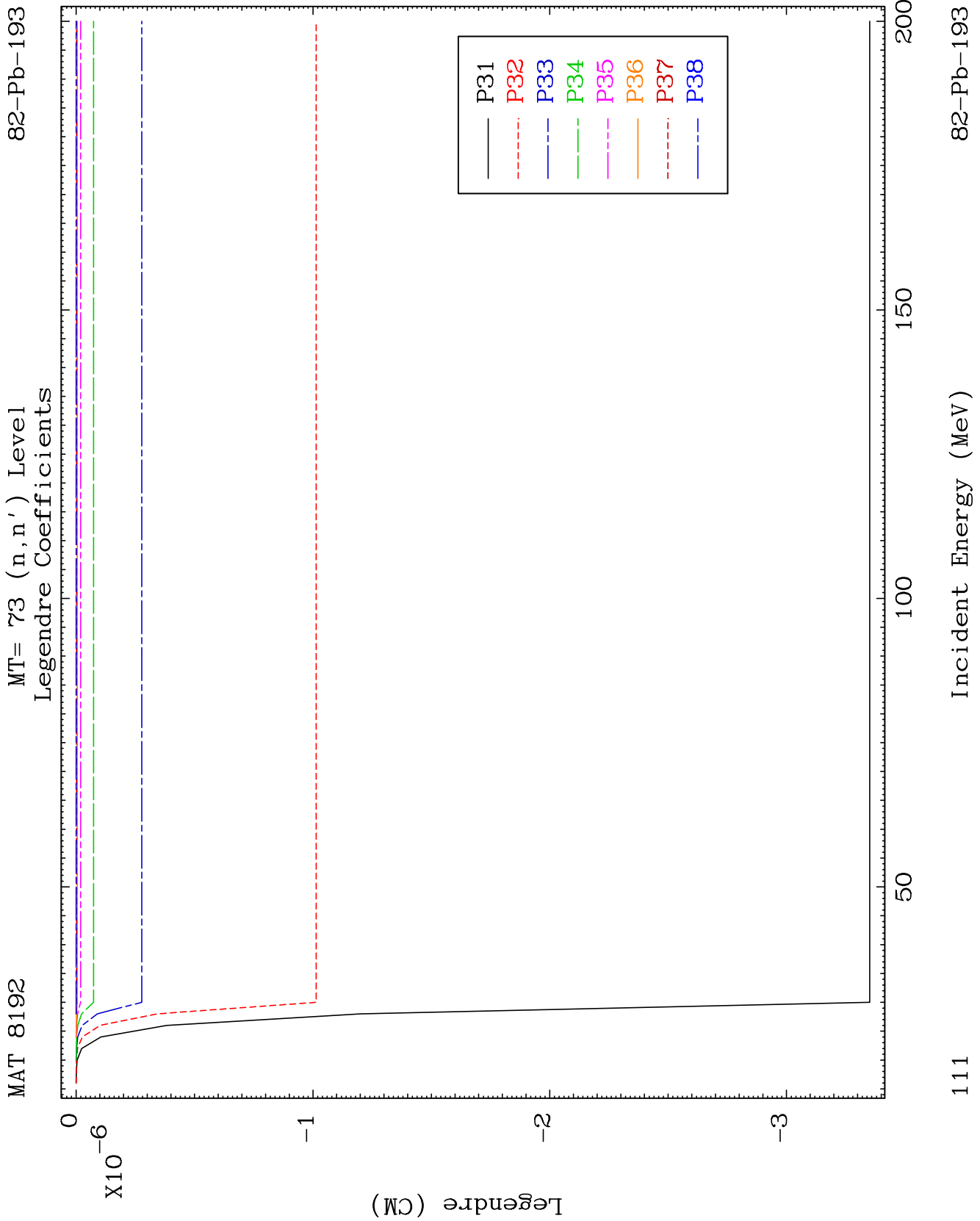
82-Pb-193



110

Incident Energy (MeV)

82-Pb-193

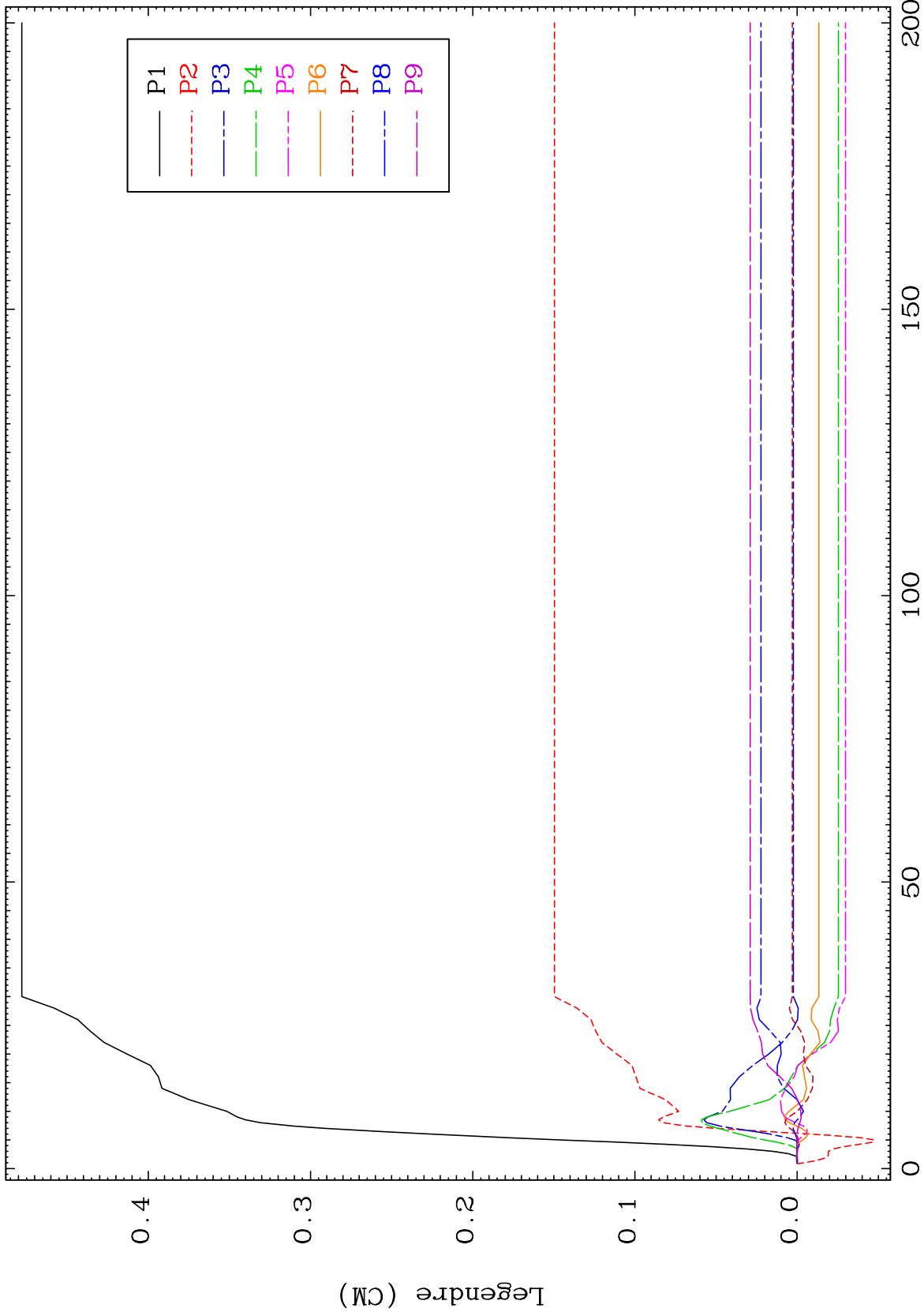




MAT 8192

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

82-Pb-193



82-Pb-193

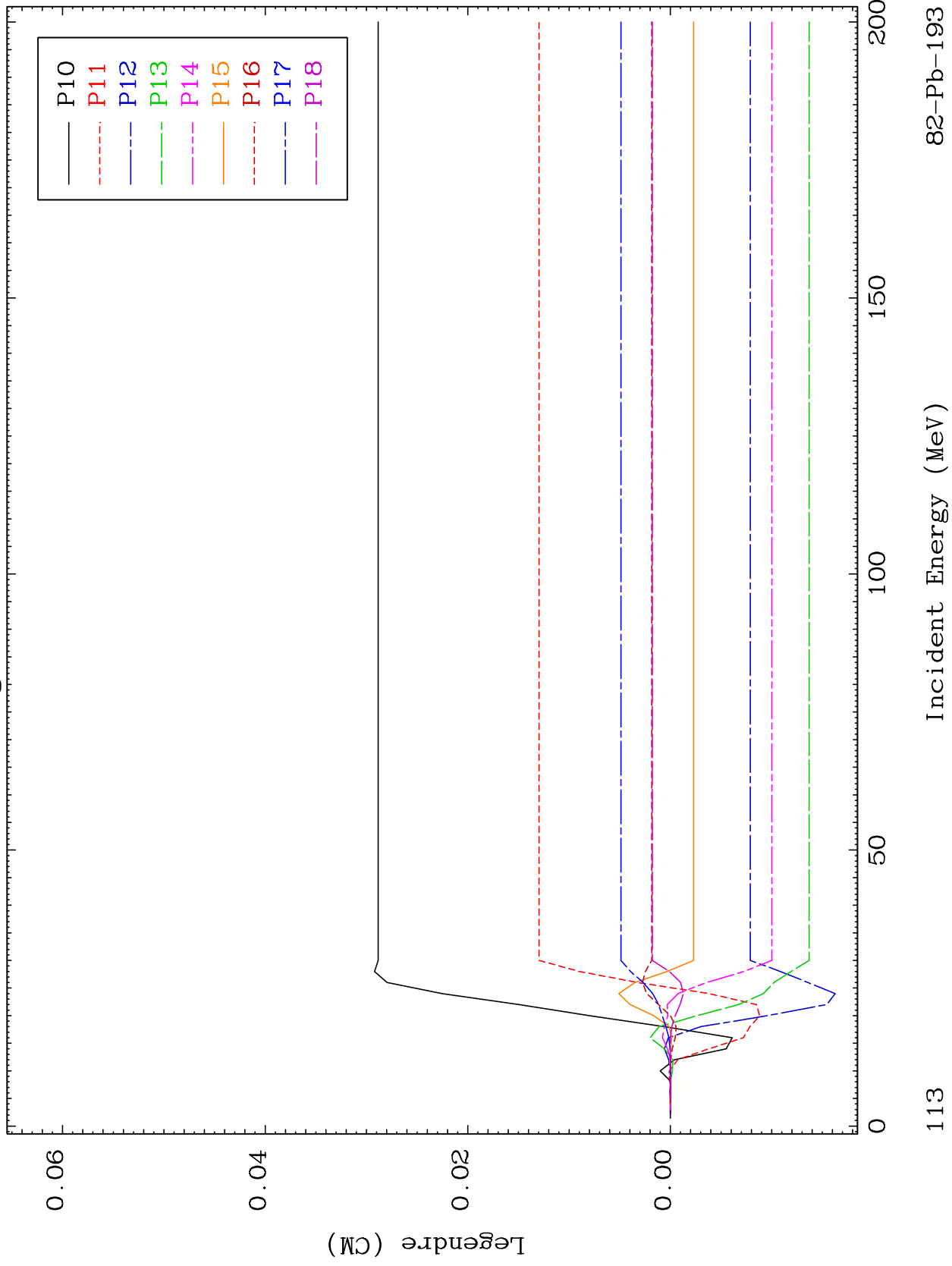
Incident Energy (MeV)

112

MAT 8192

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

82-Pb-193



82-Pb-193

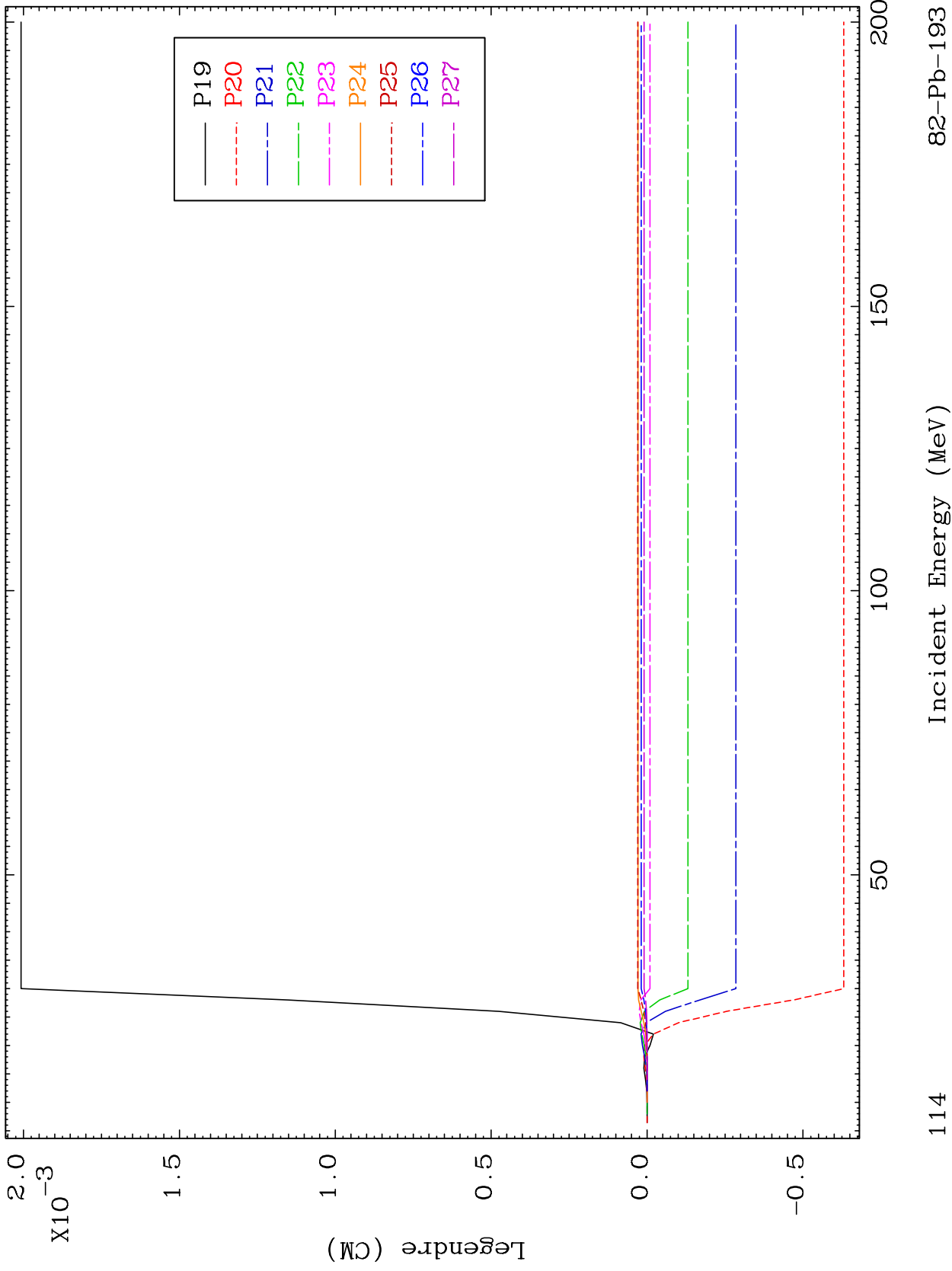
Incident Energy (MeV)

113

MAT 8192

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

82-Pb-193



114

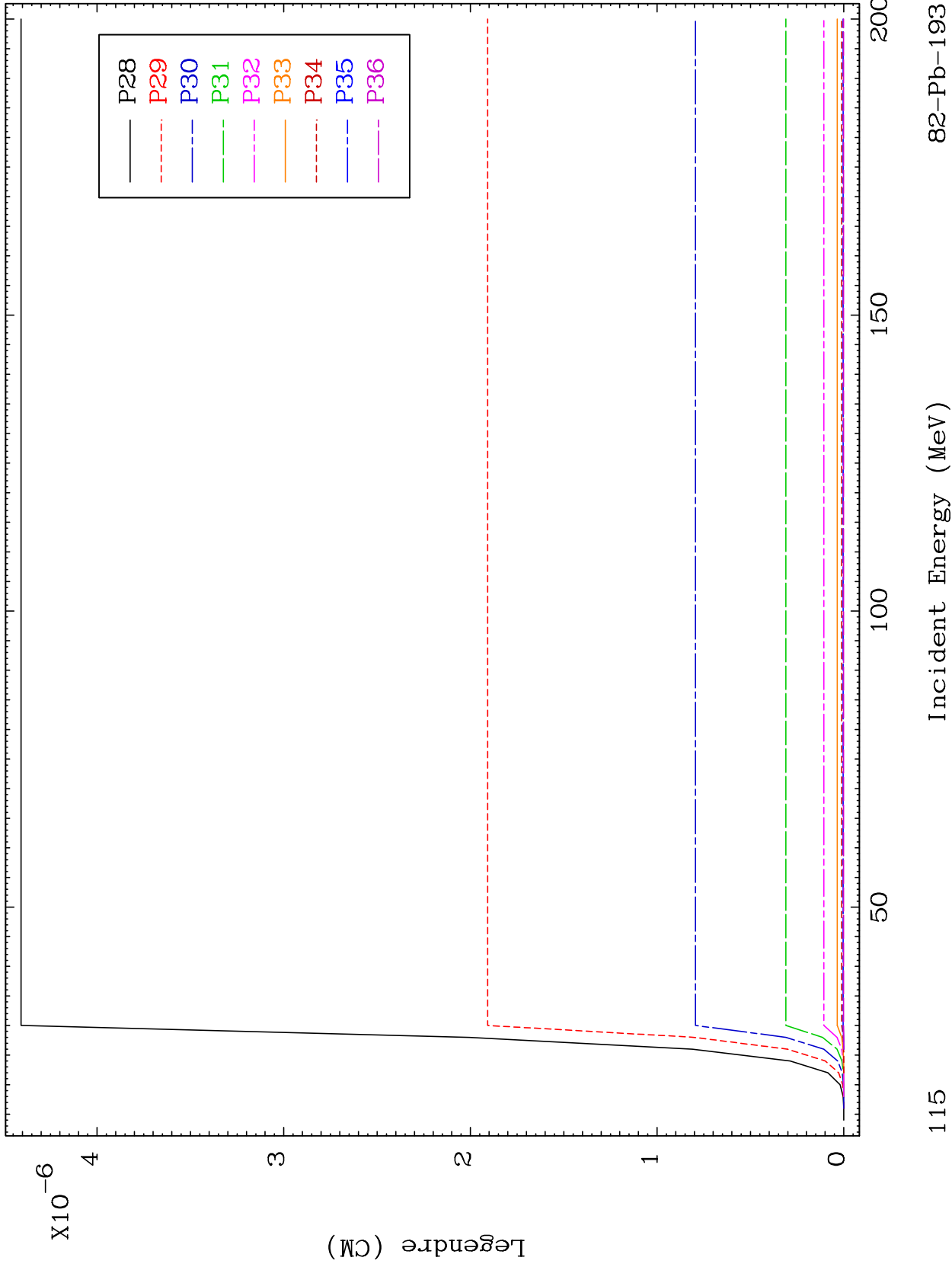
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

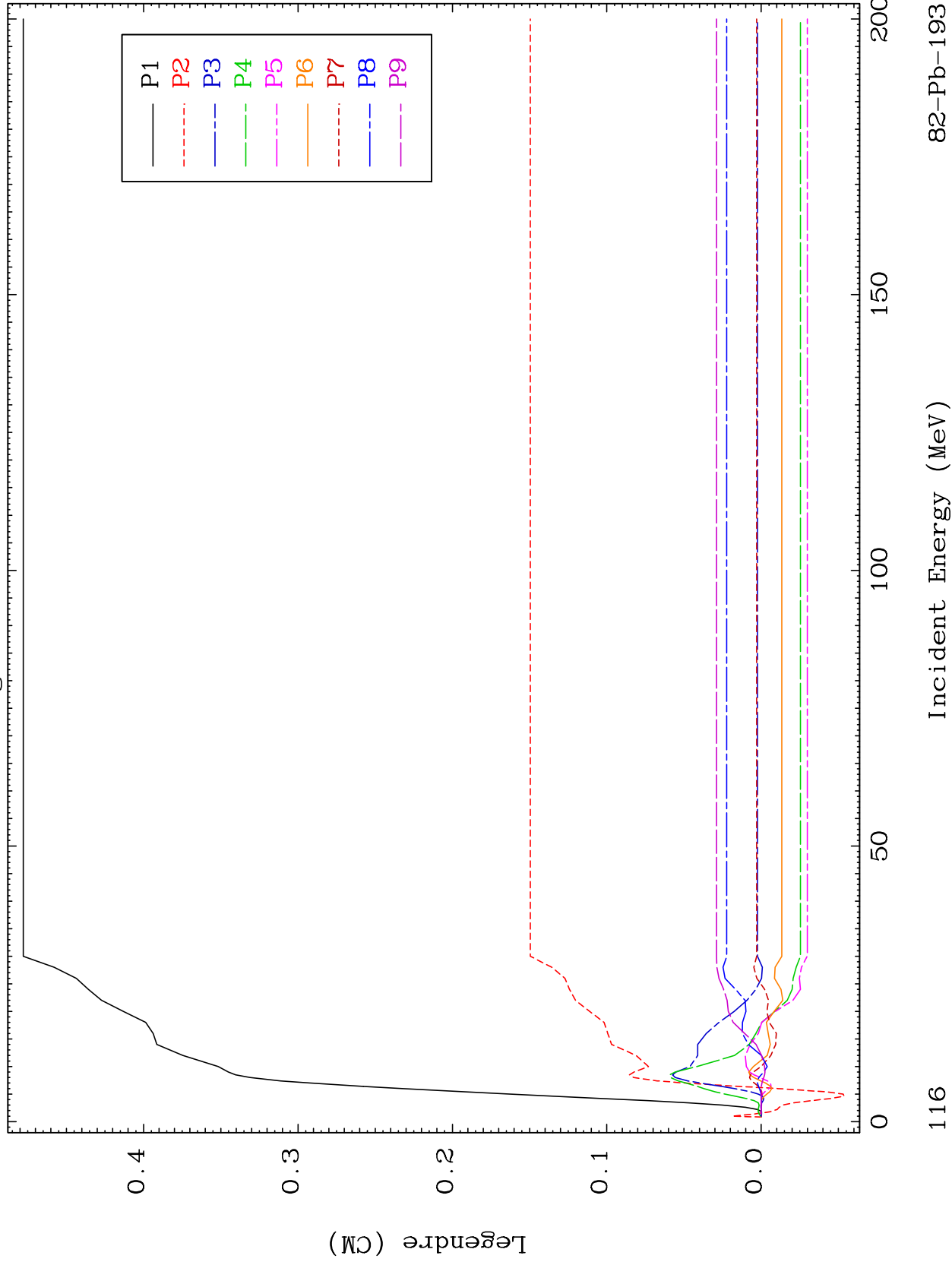
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

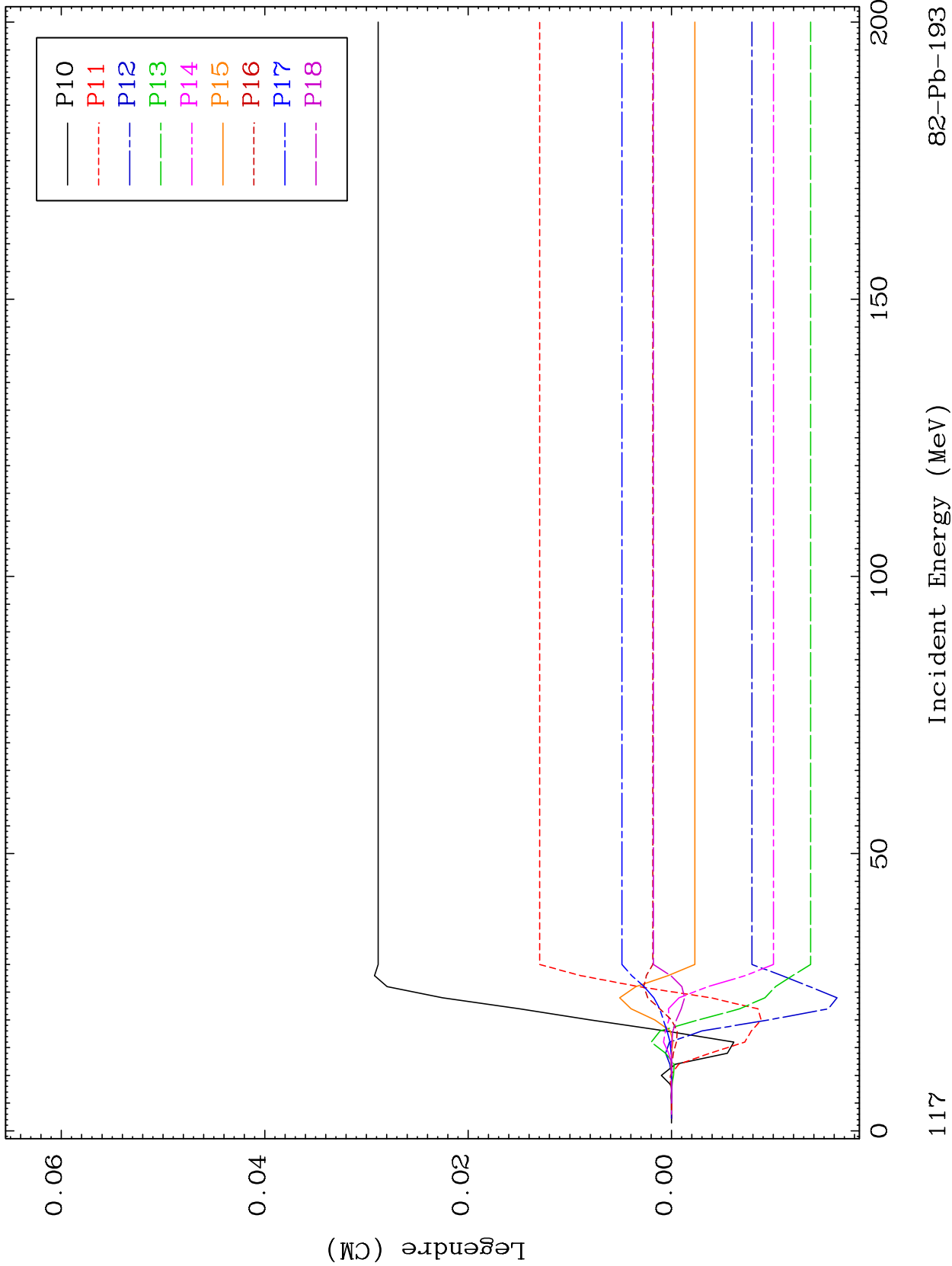
Incident Energy (MeV)

116

MAT 8192

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

82-Pb-193



117

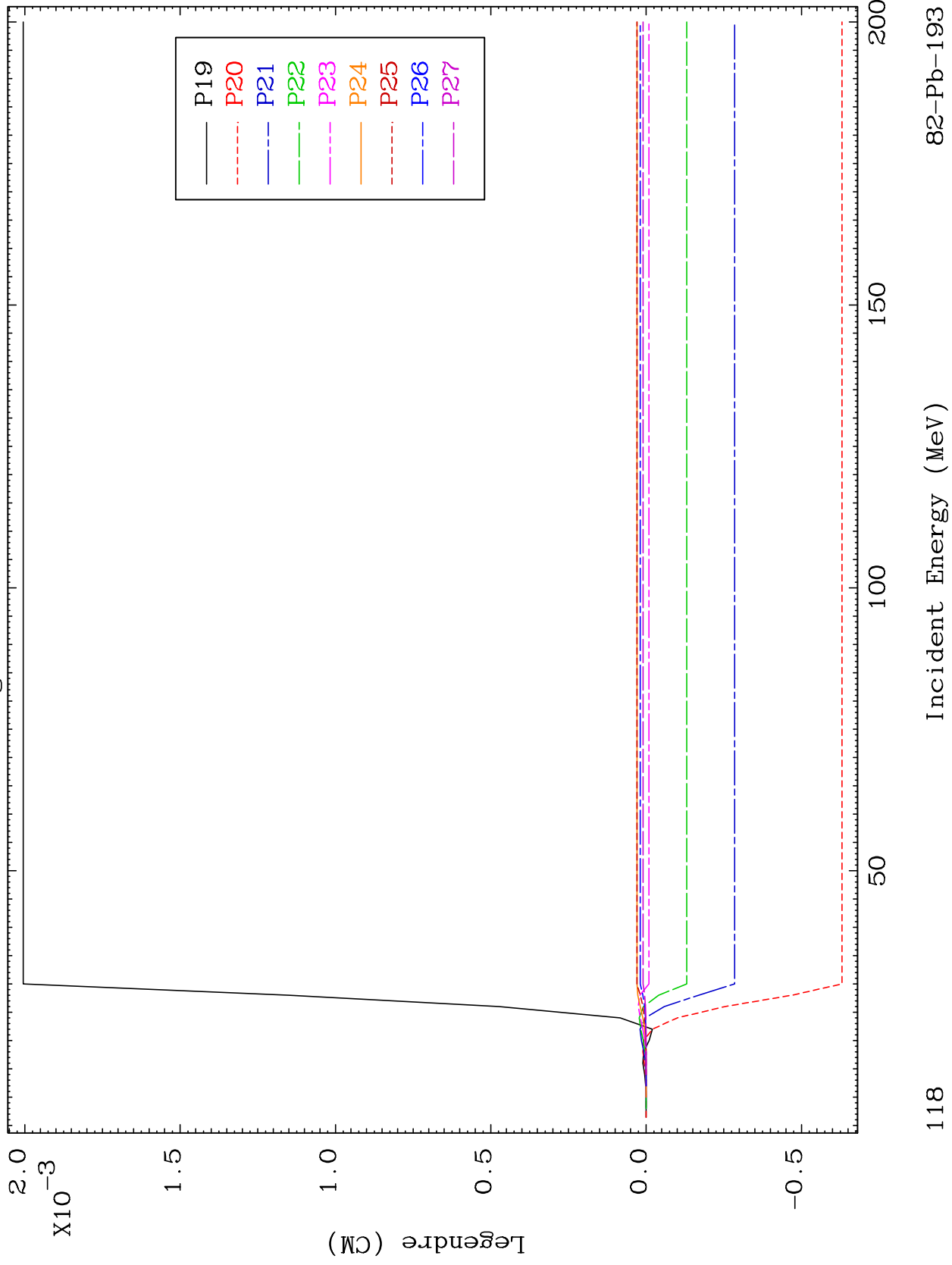
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



118

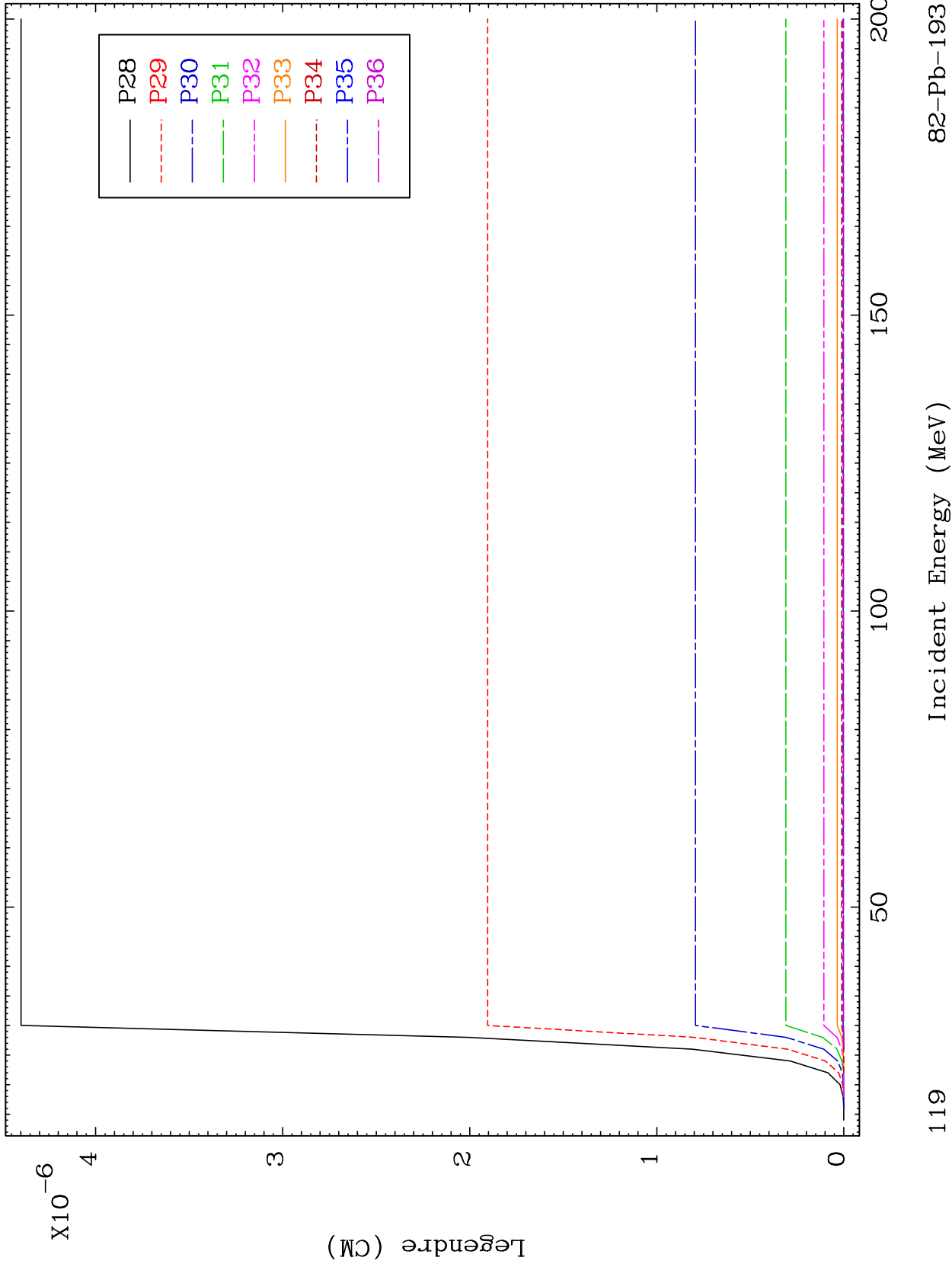
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



119

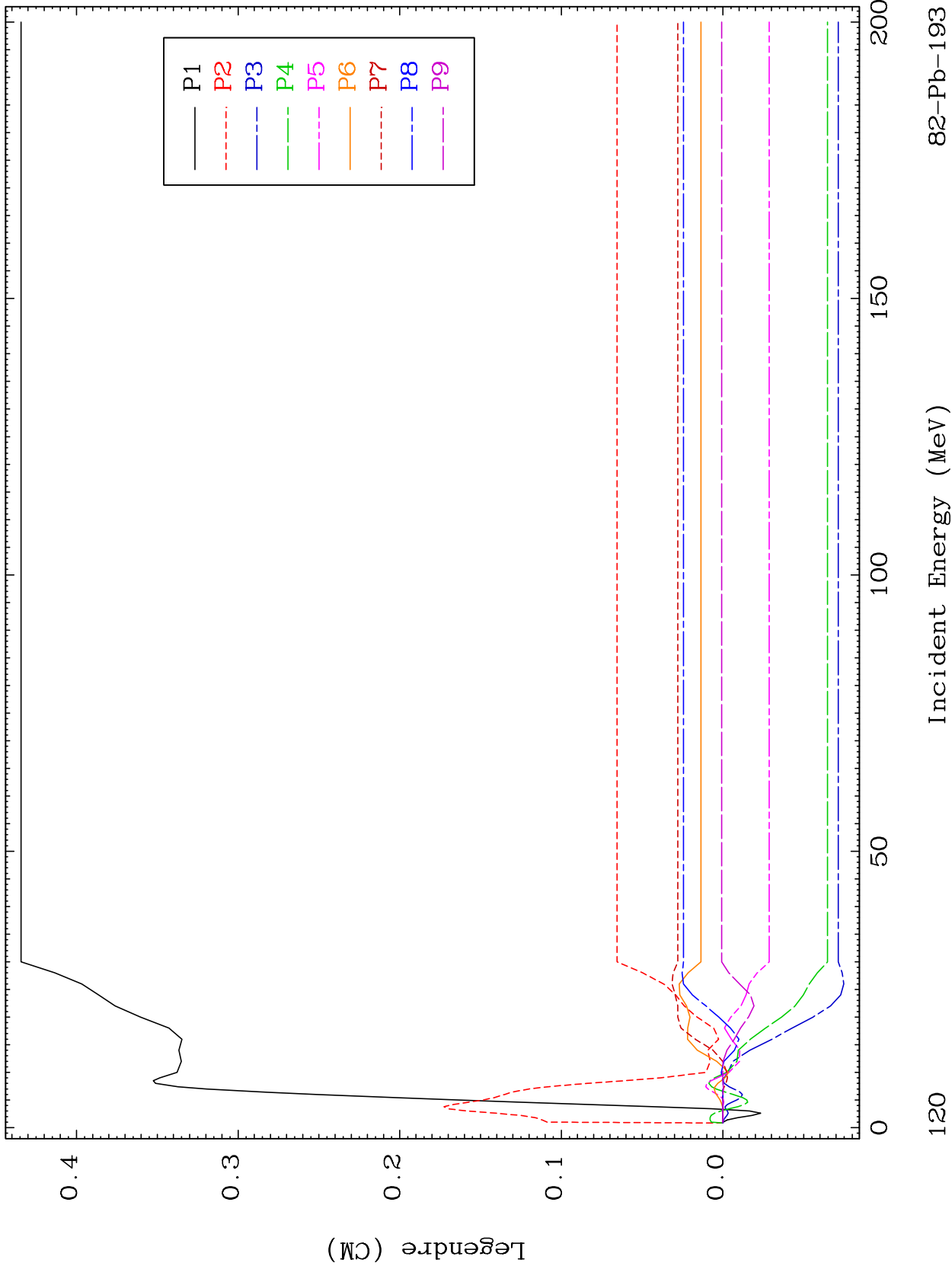
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

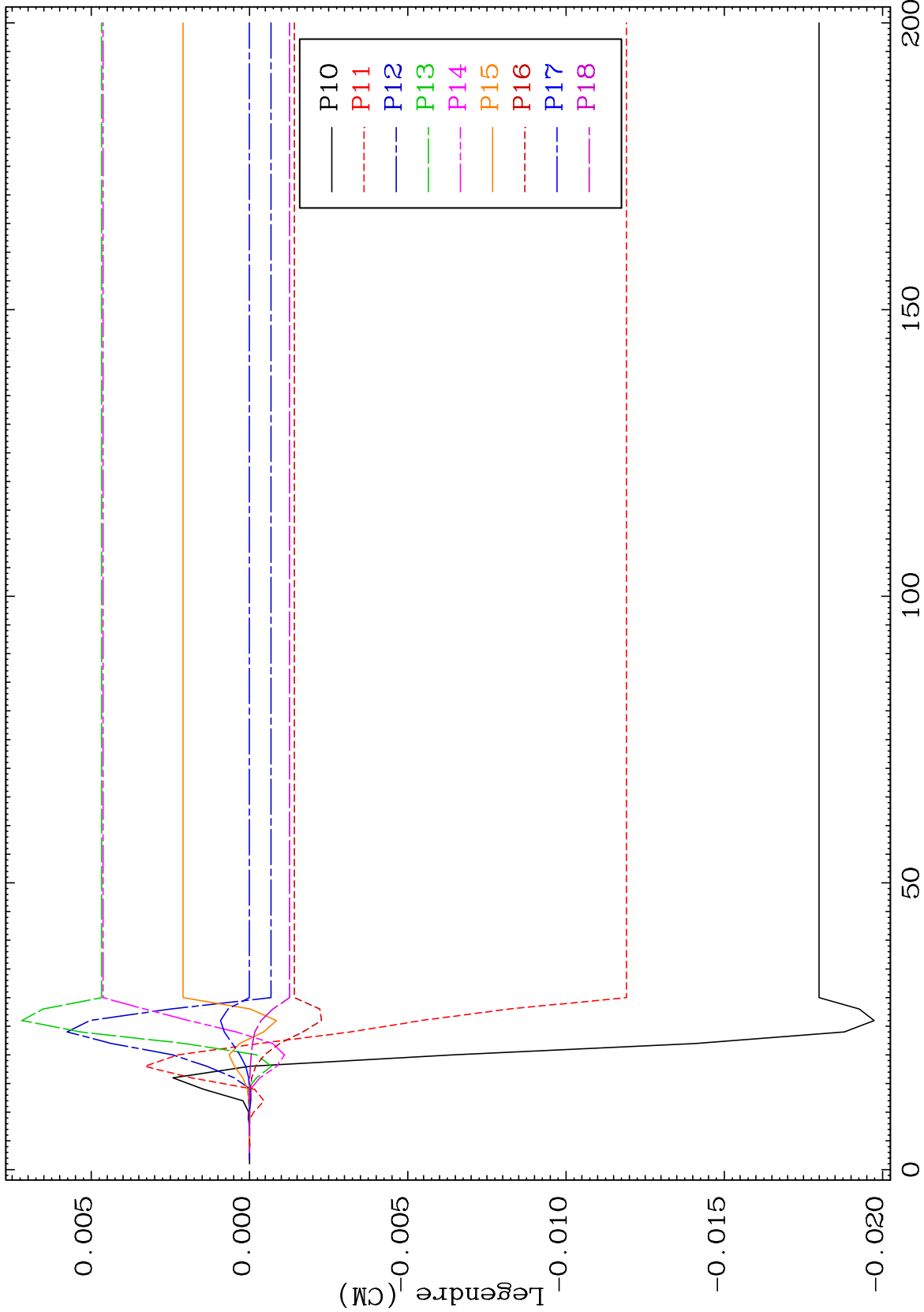
Incident Energy (MeV)

120

MAT 8192

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

82-Pb-193



121

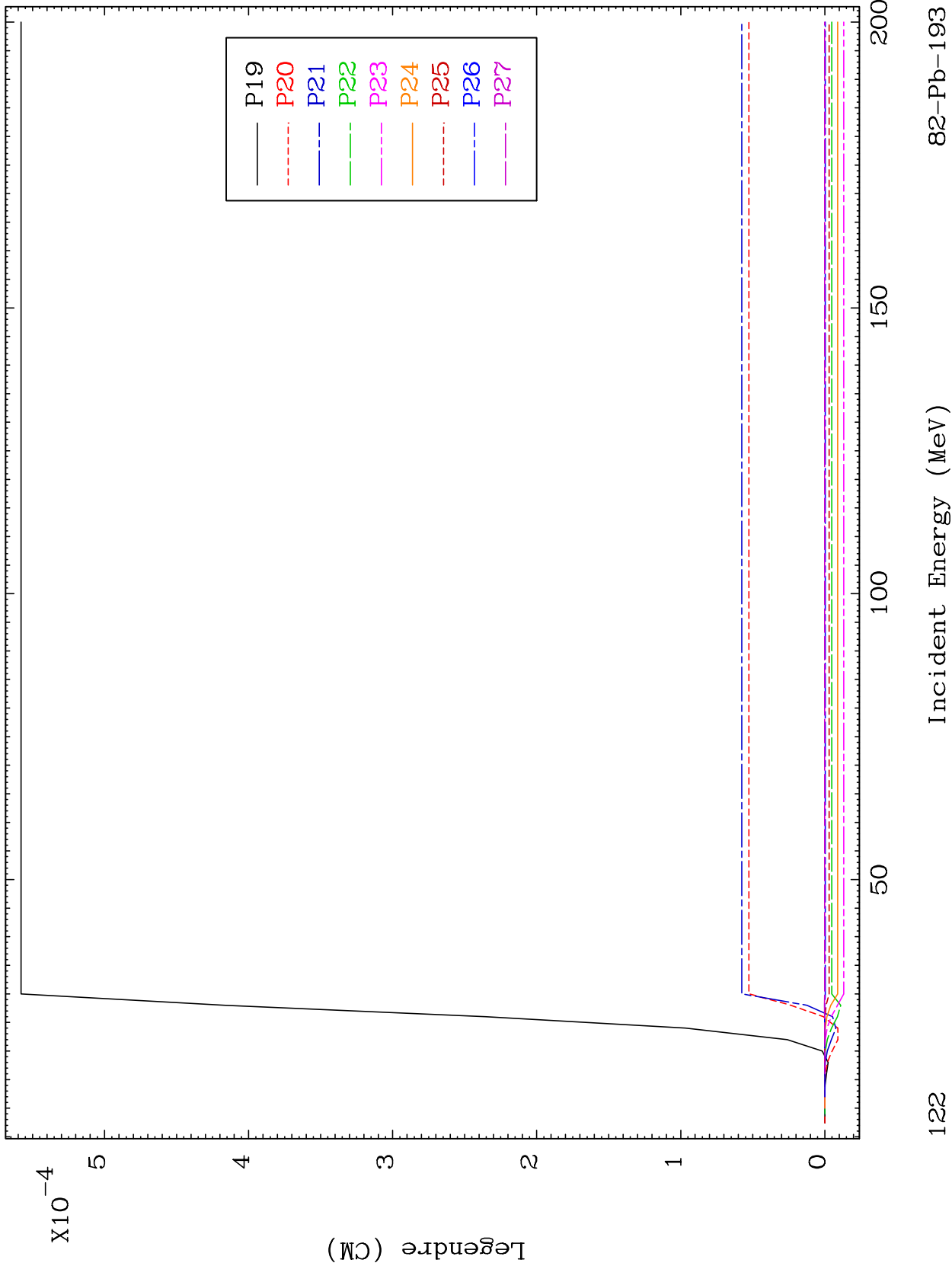
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193

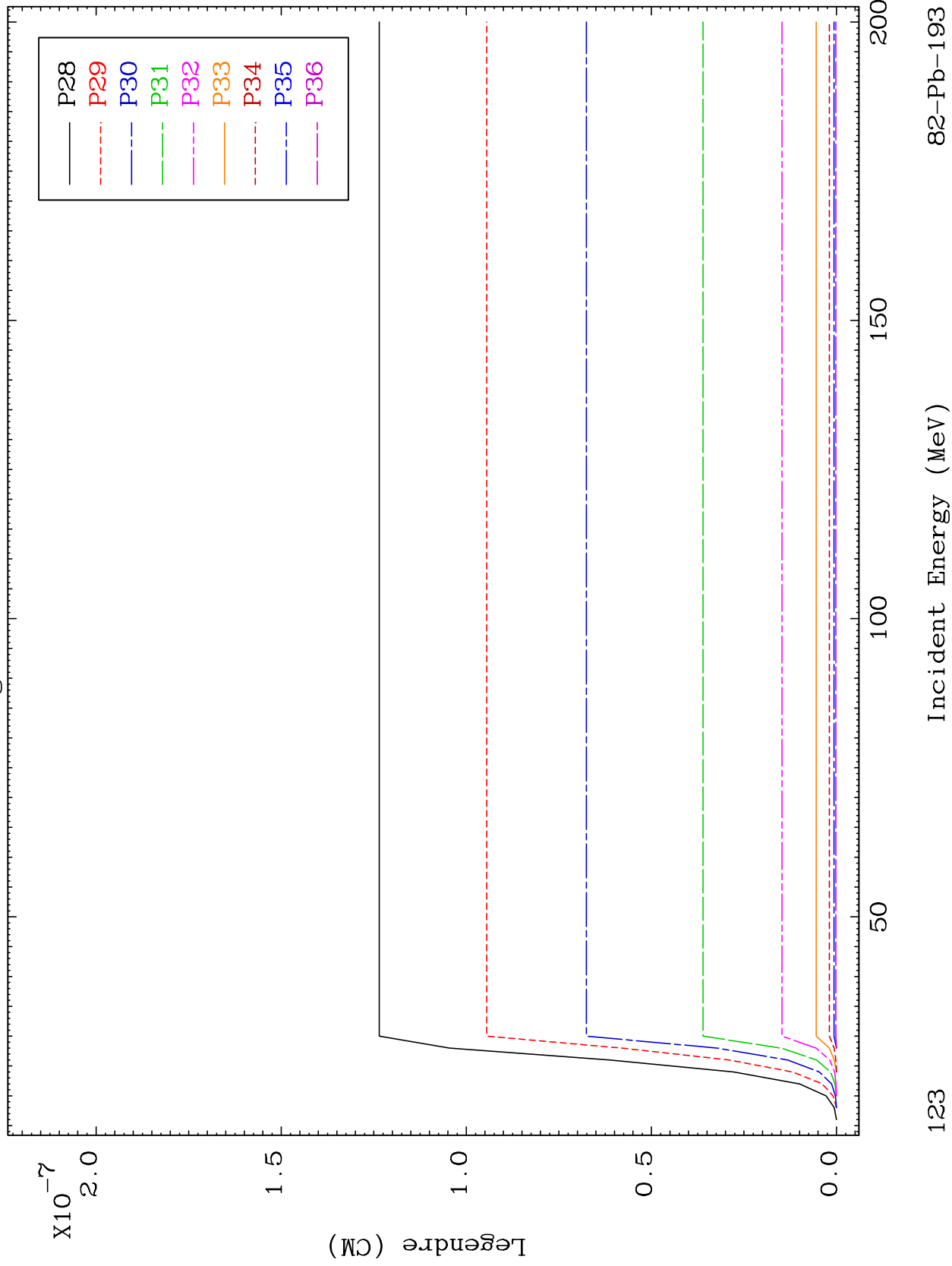


122

MAT 8192

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

82-Pb-193

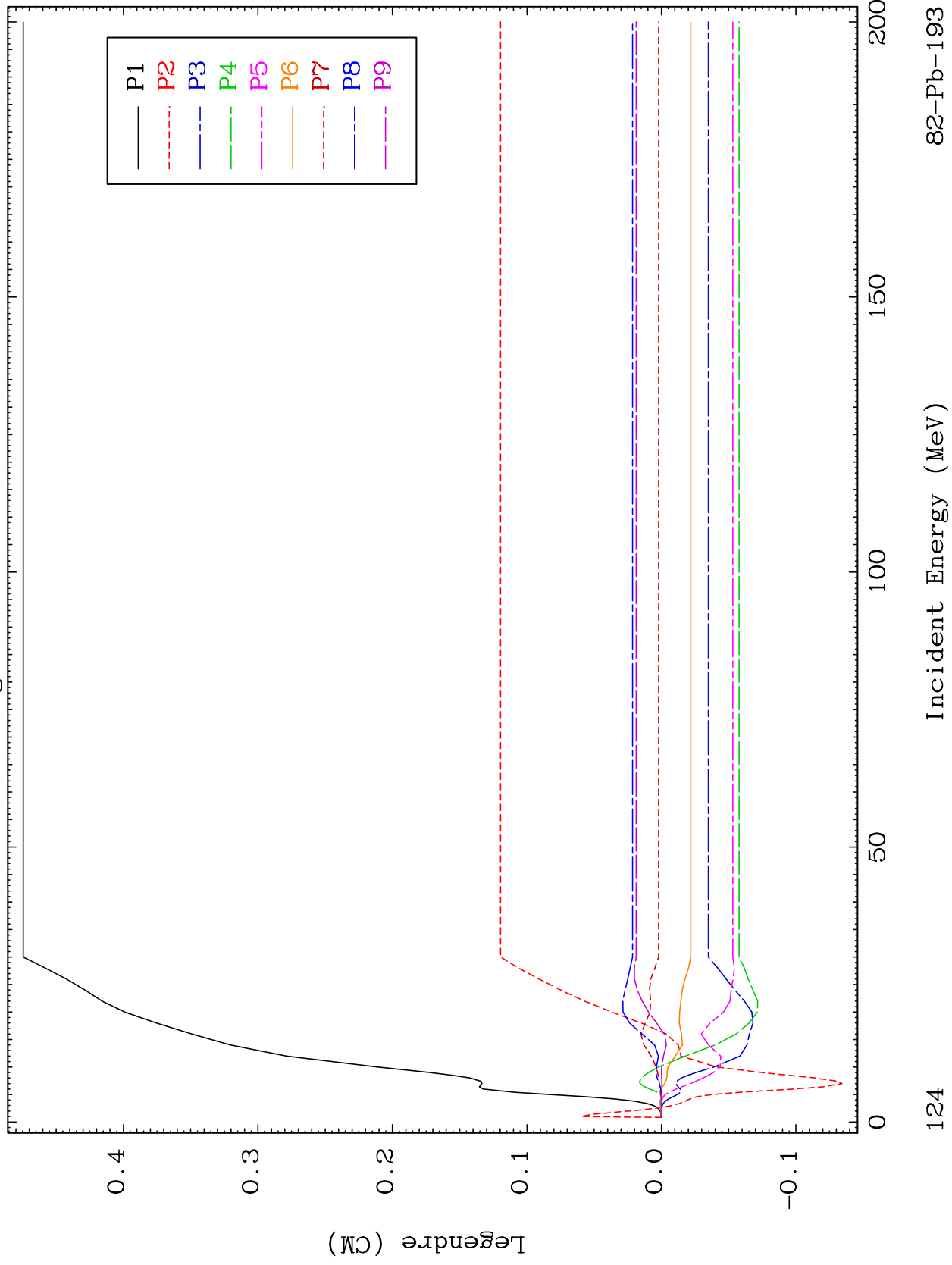


123

MAT 8192

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

82-Pb-193

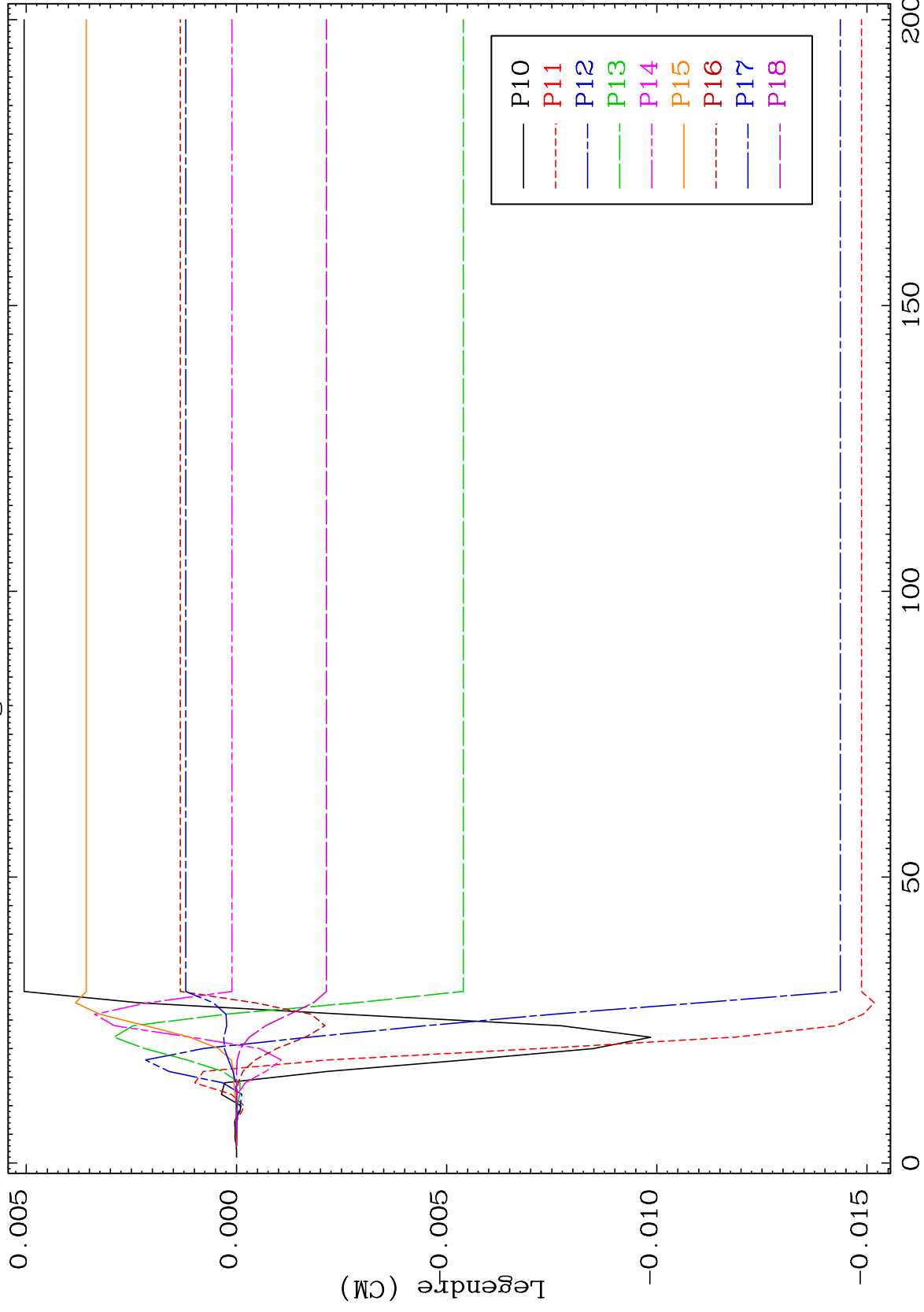


82-Pb-193

MAT 8192

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

82-Pb-193



125

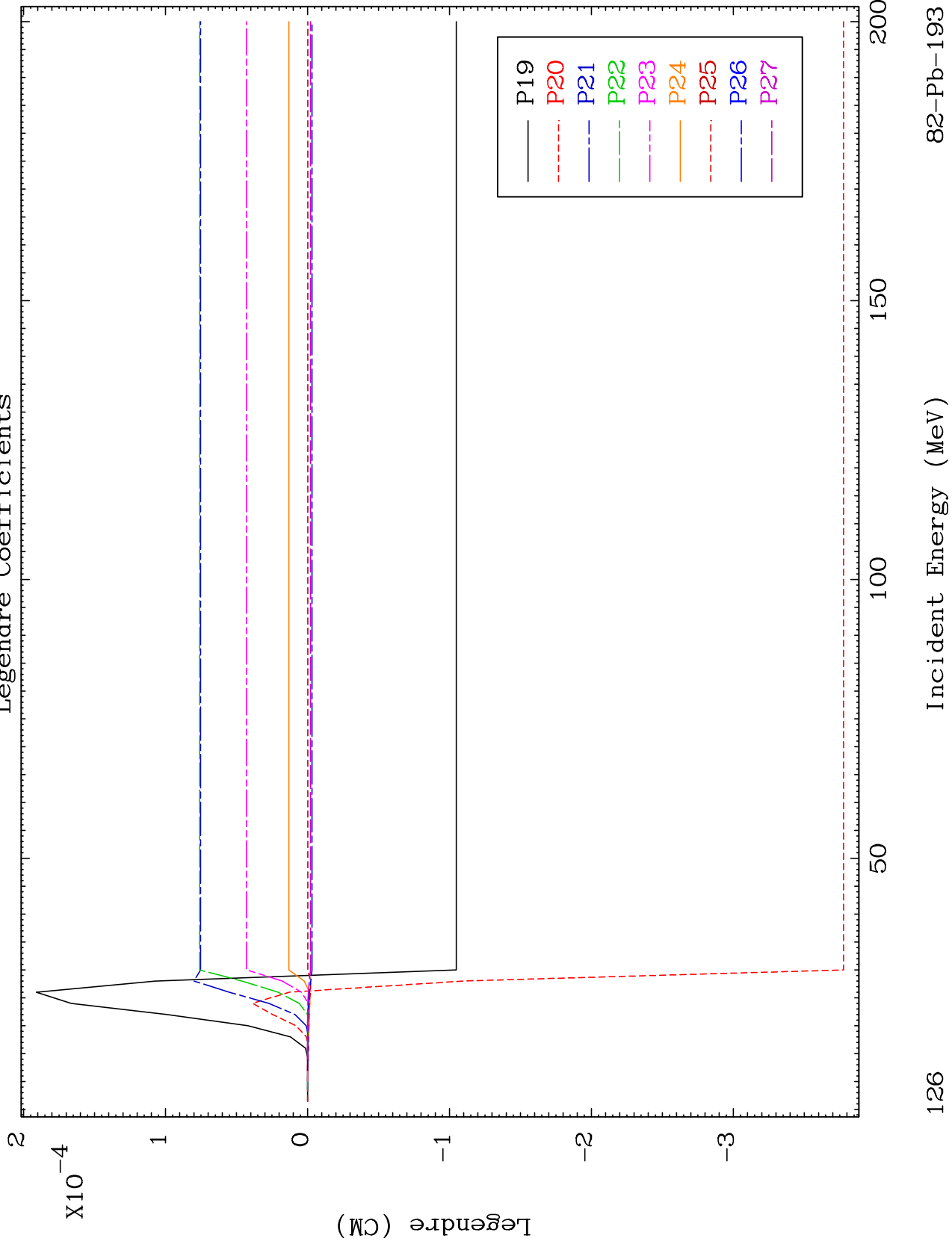
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

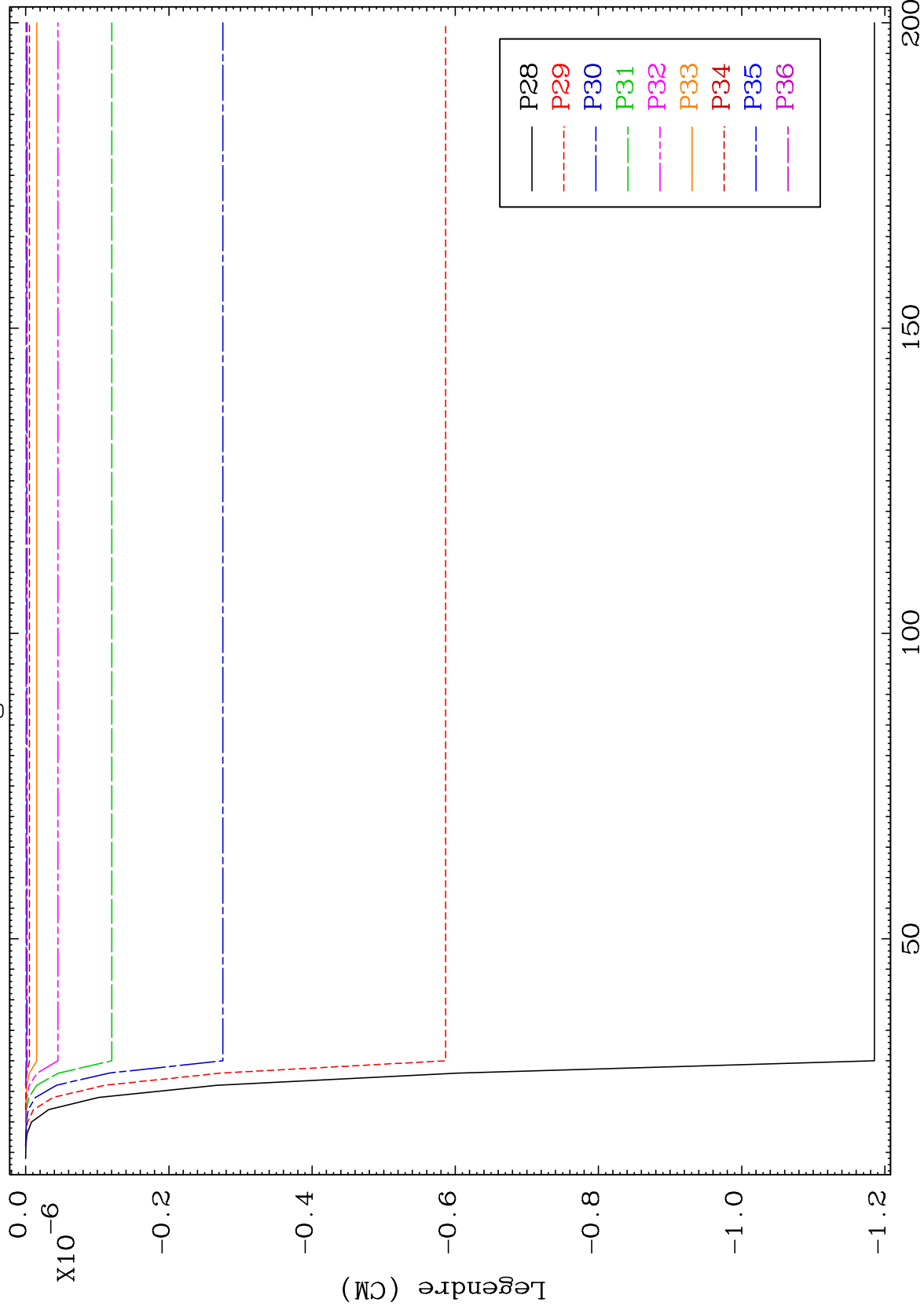
82-Pb-193



MAT 8192

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

82-Pb-193

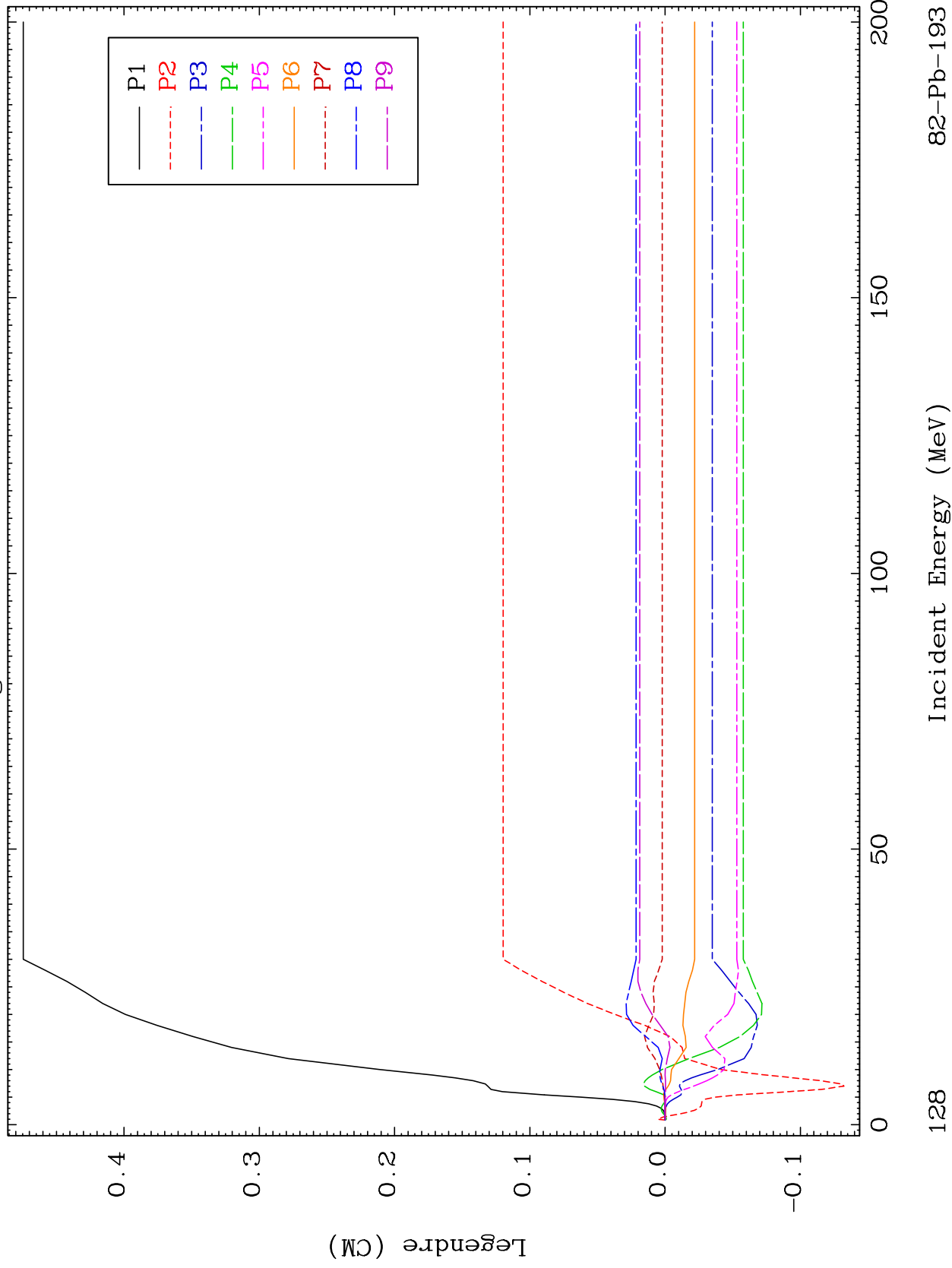




MAT 8192

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

82-Pb-193



82-Pb-193

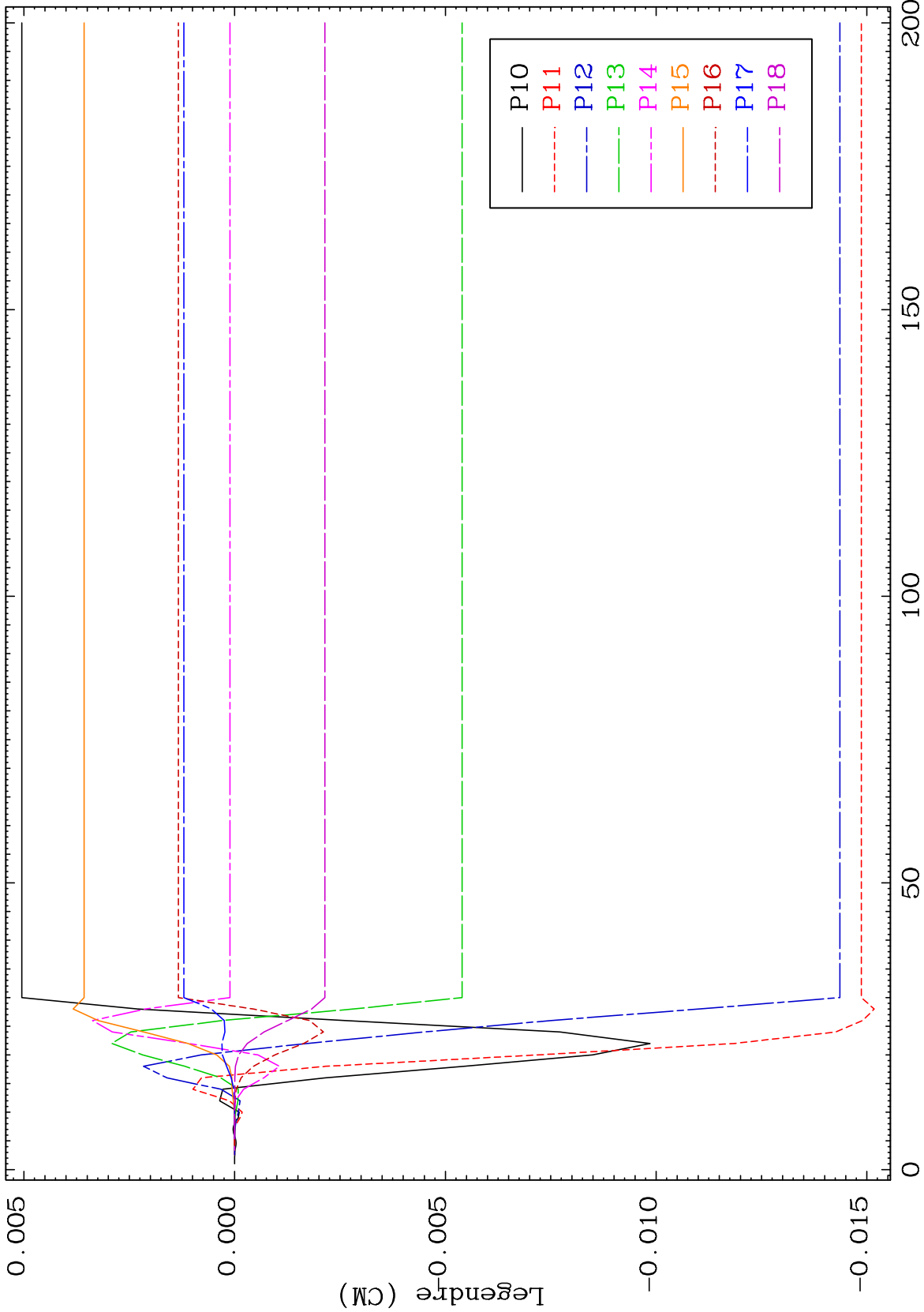
Incident Energy (MeV)

128

MAT 8192

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

82-Pb-193



129

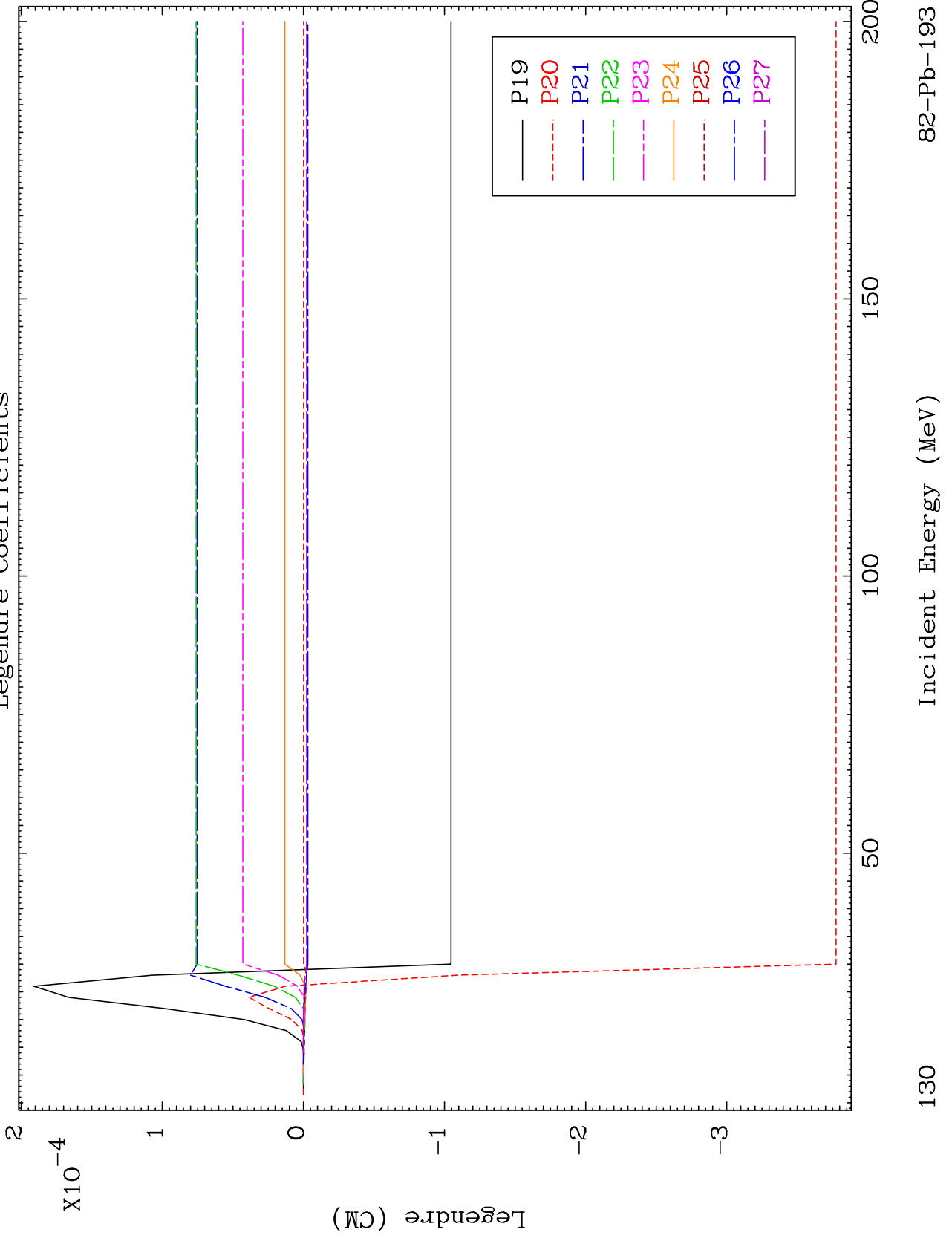
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



130

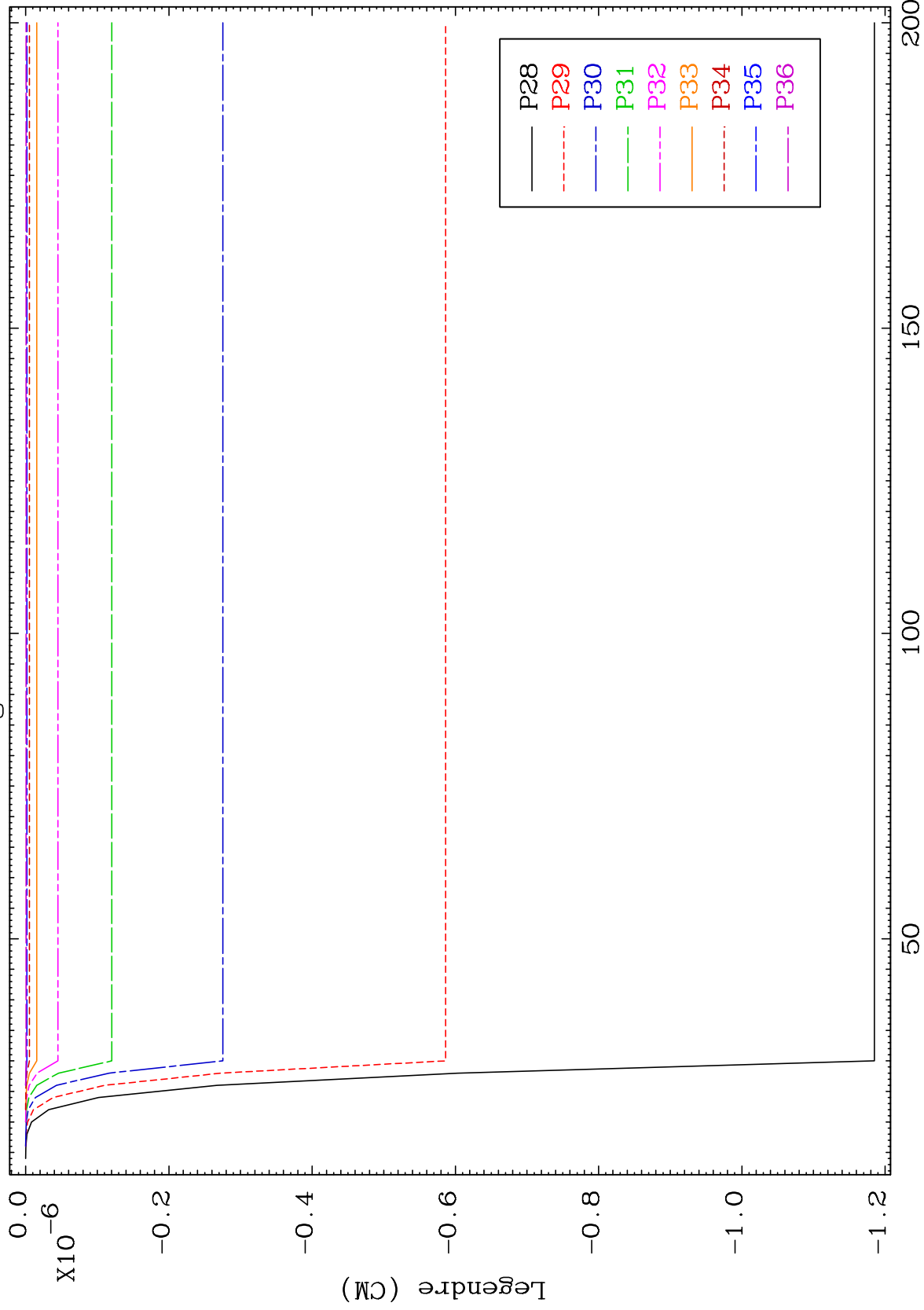
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



131

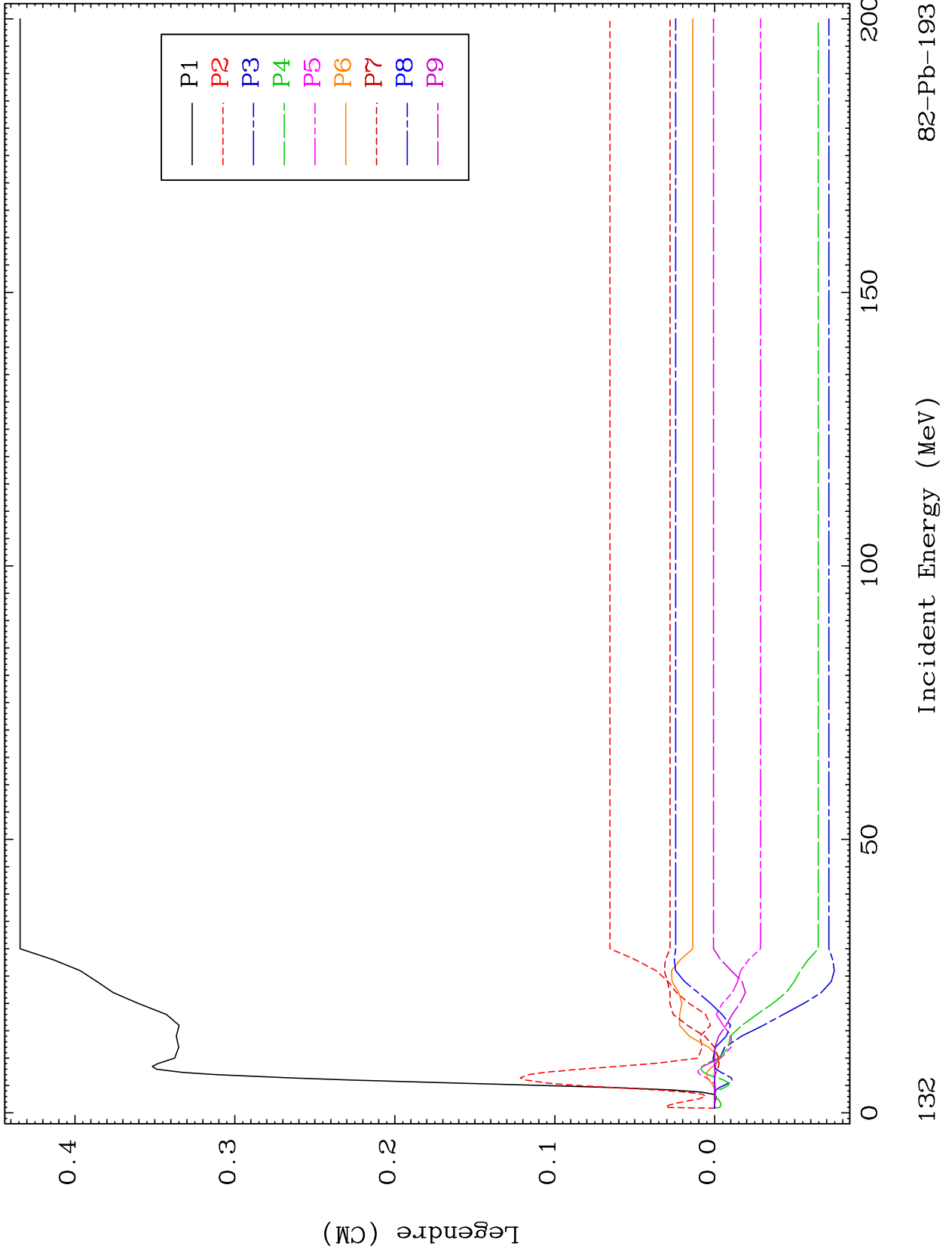
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



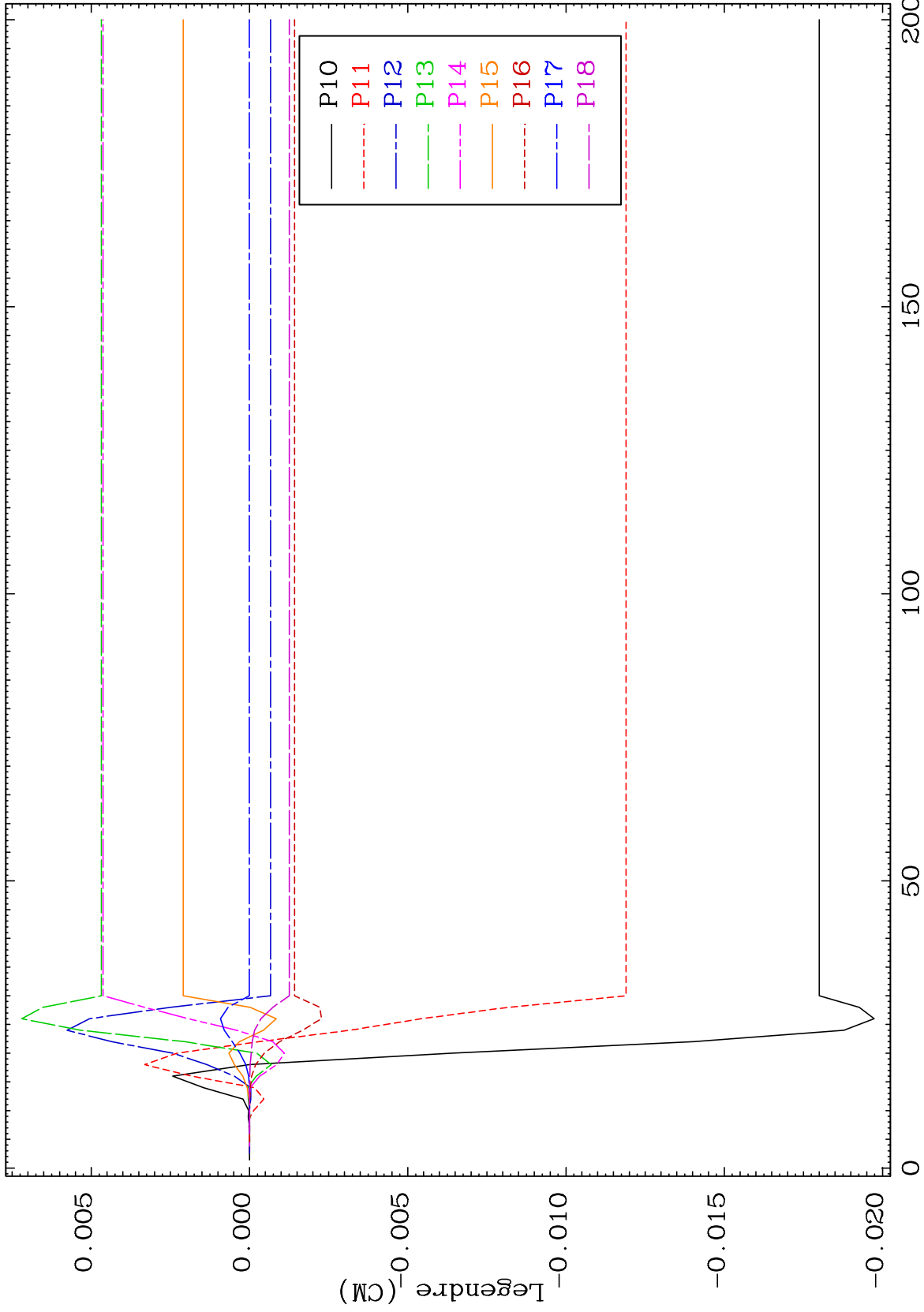
132

82-Pb-193

MAT 8192

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

82-Pb-193



133

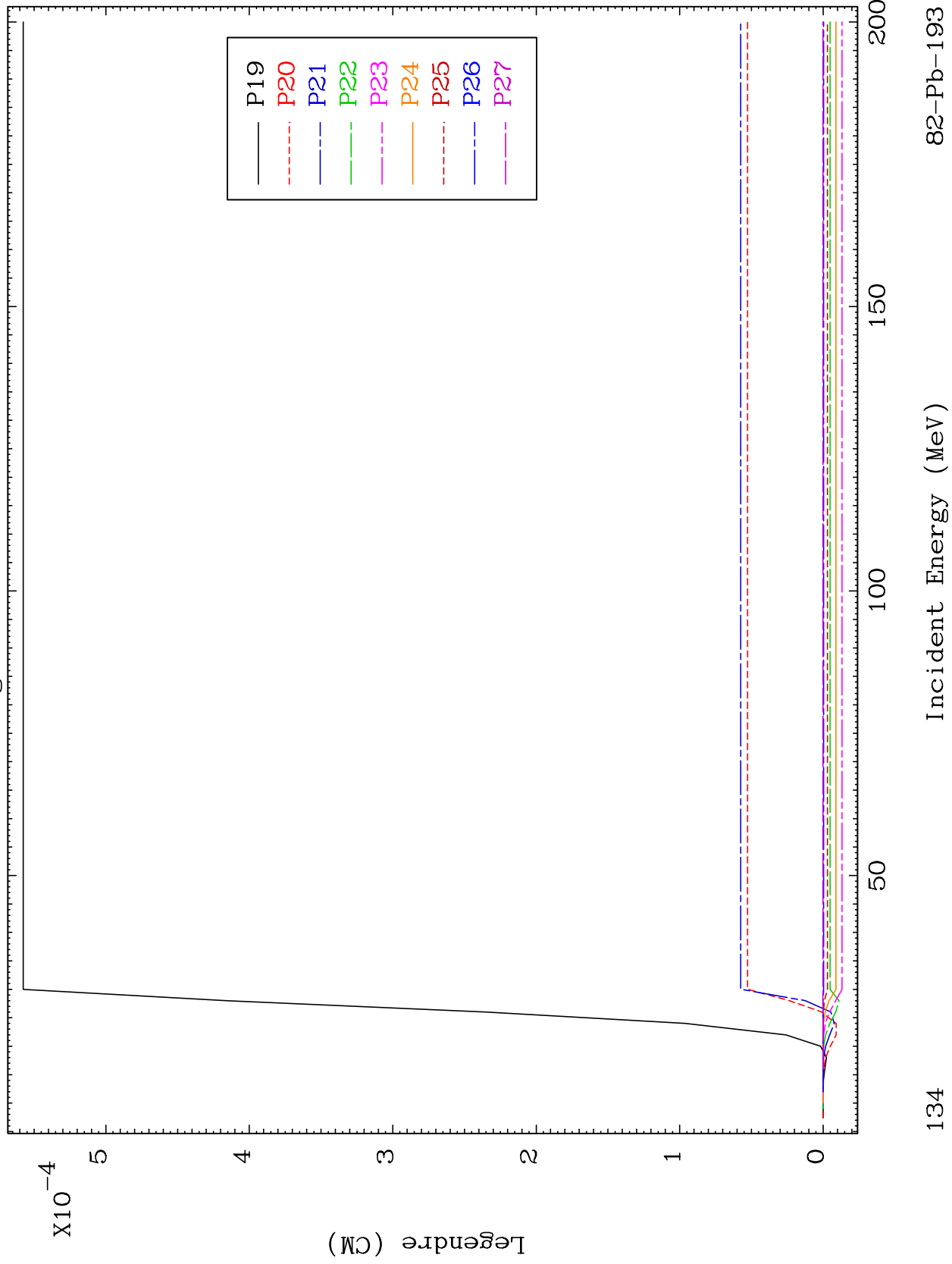
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

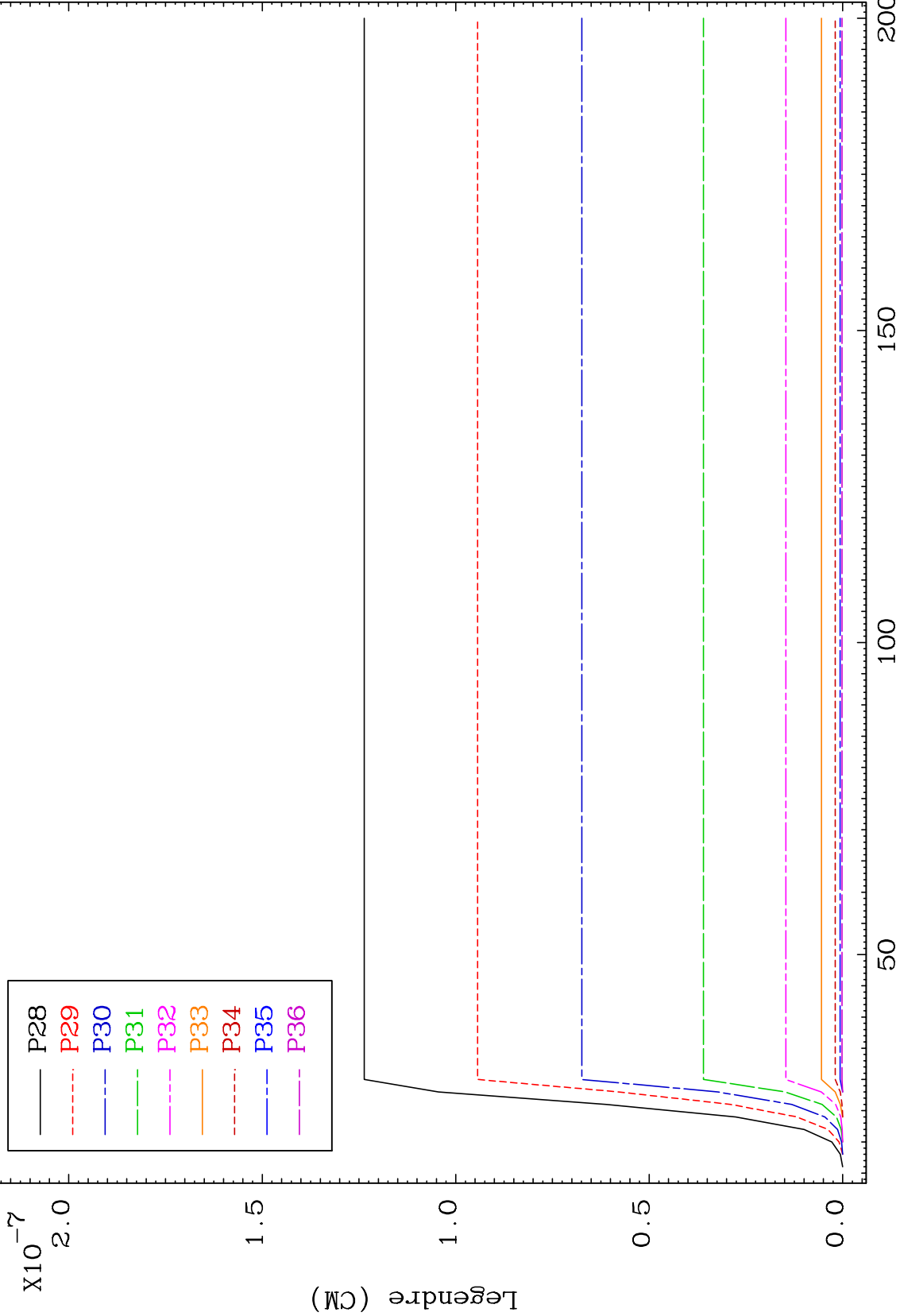
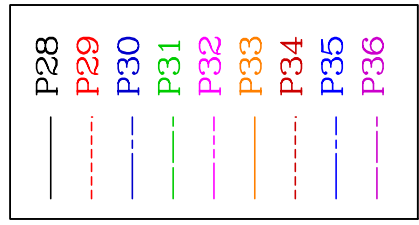
82-Pb-193



MAT 8192

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

82-Pb-193



135

Incident Energy (MeV)

82-Pb-193

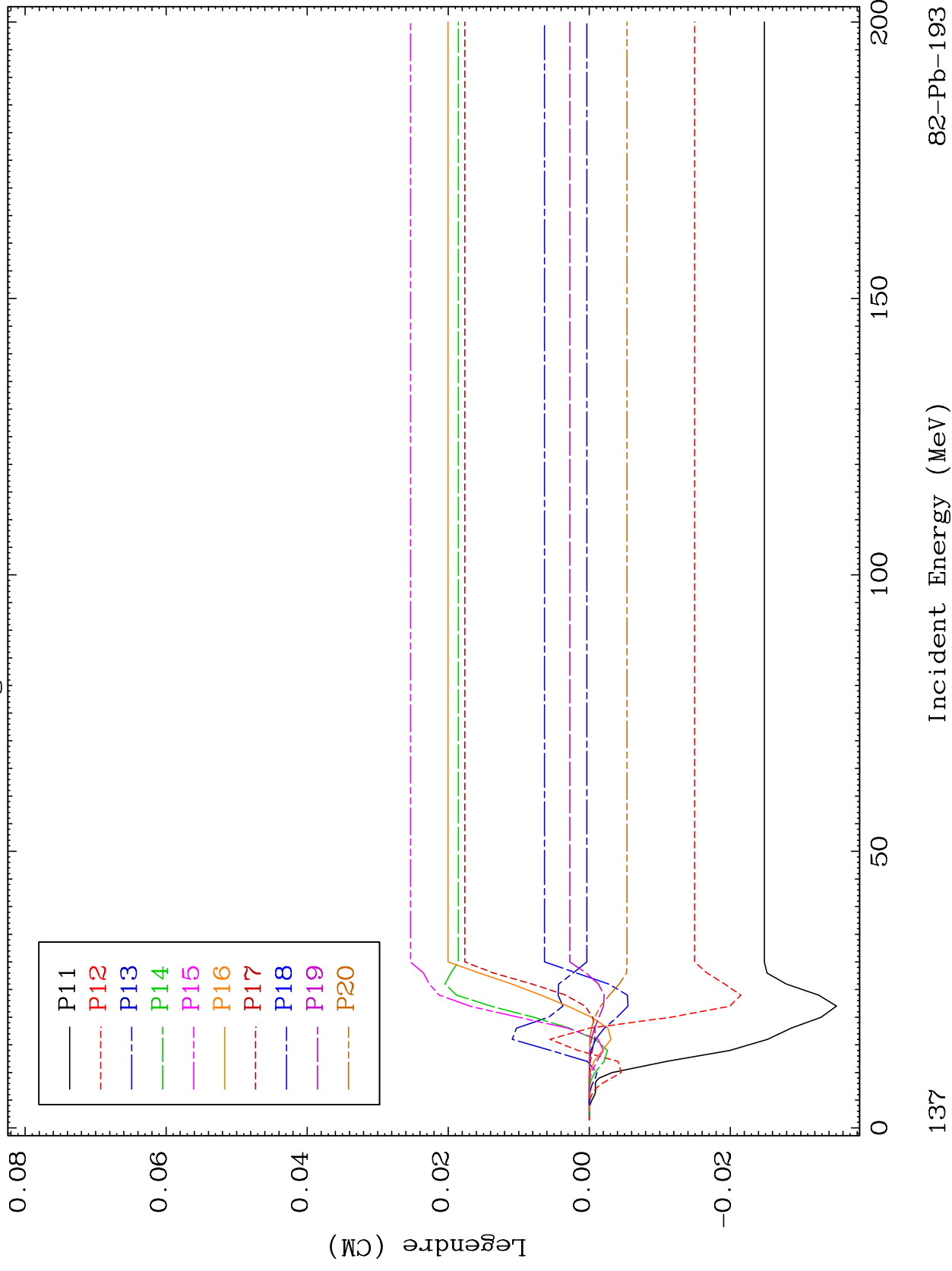




MAT 8192

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

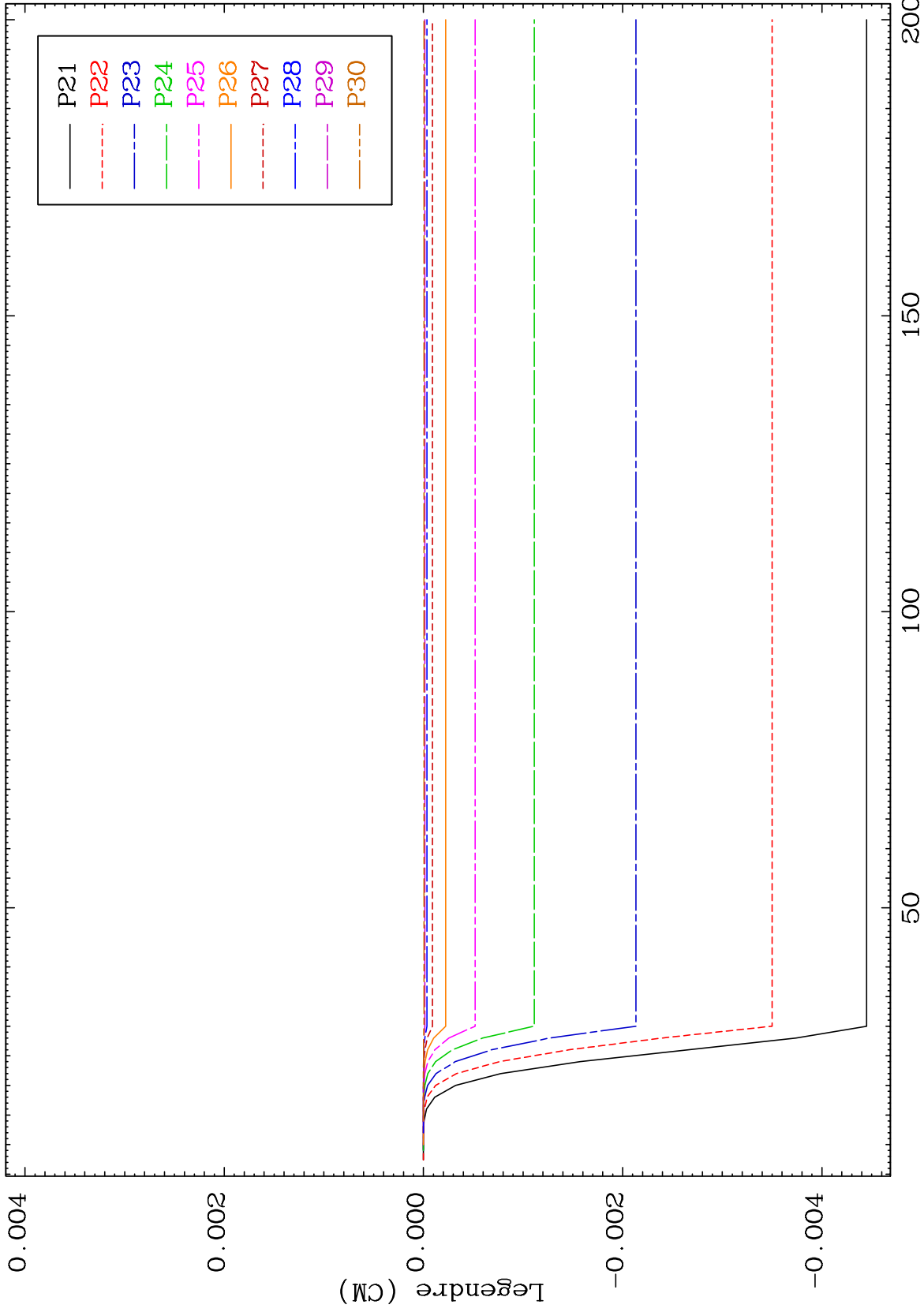
82-Pb-193



MAT 8192

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

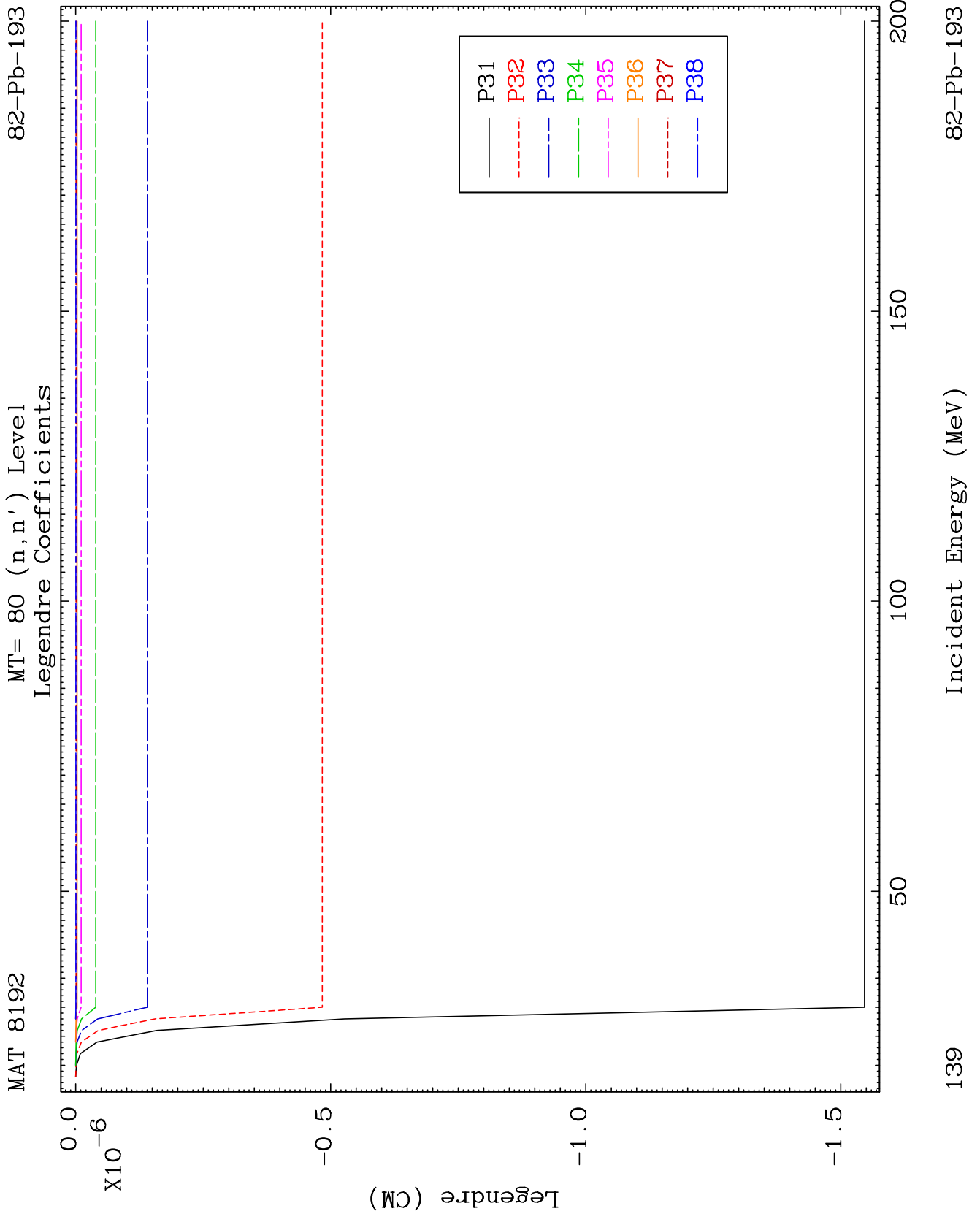
82-Pb-193



138

Incident Energy (MeV)

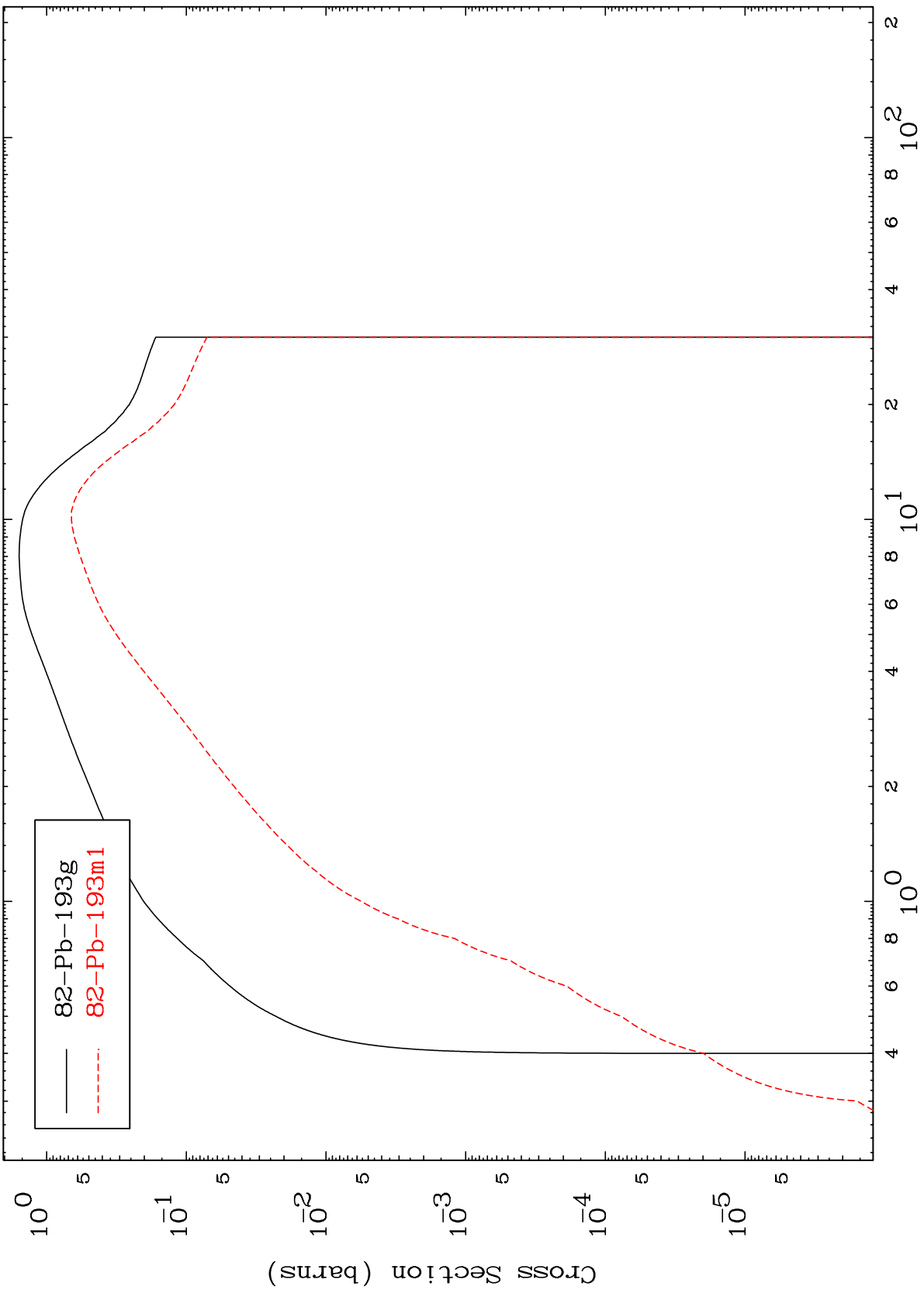
82-Pb-193



MAT 8192

82-Pb-193

Inelastic  
Radionuclide Production Cross Section



82-Pb-193g  
82-Pb-193m1

82-Pb-193

Incident Energy (MeV)

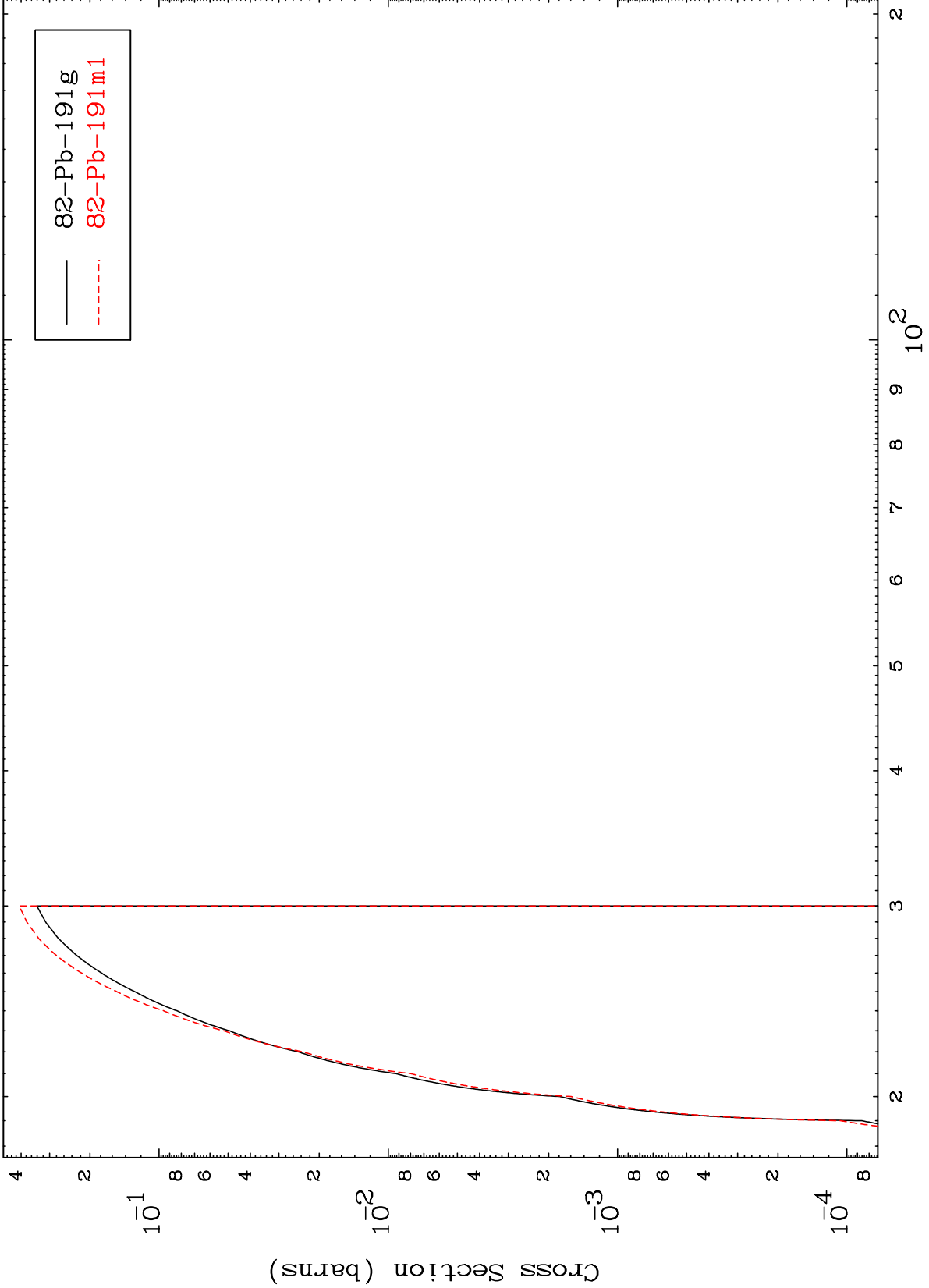
140

MAT 8192

(n,3n)

82-Pb-193

Radionuclide Production Cross Section



141

Incident Energy (MeV)

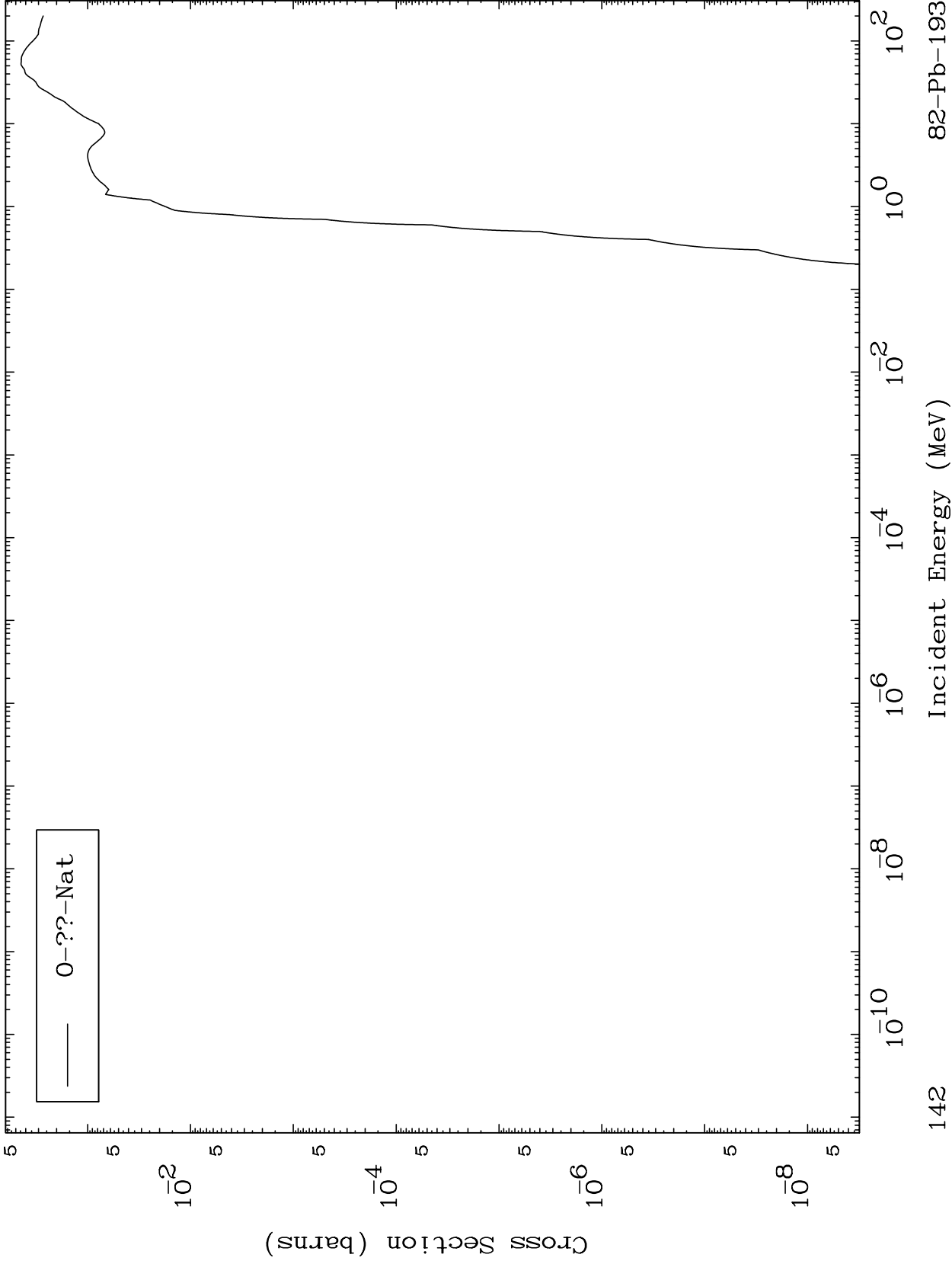
82-Pb-193

MAT 8192

Fission

82-Pb-193

Radionuclide Production Cross Section



142

Incident Energy (MeV)

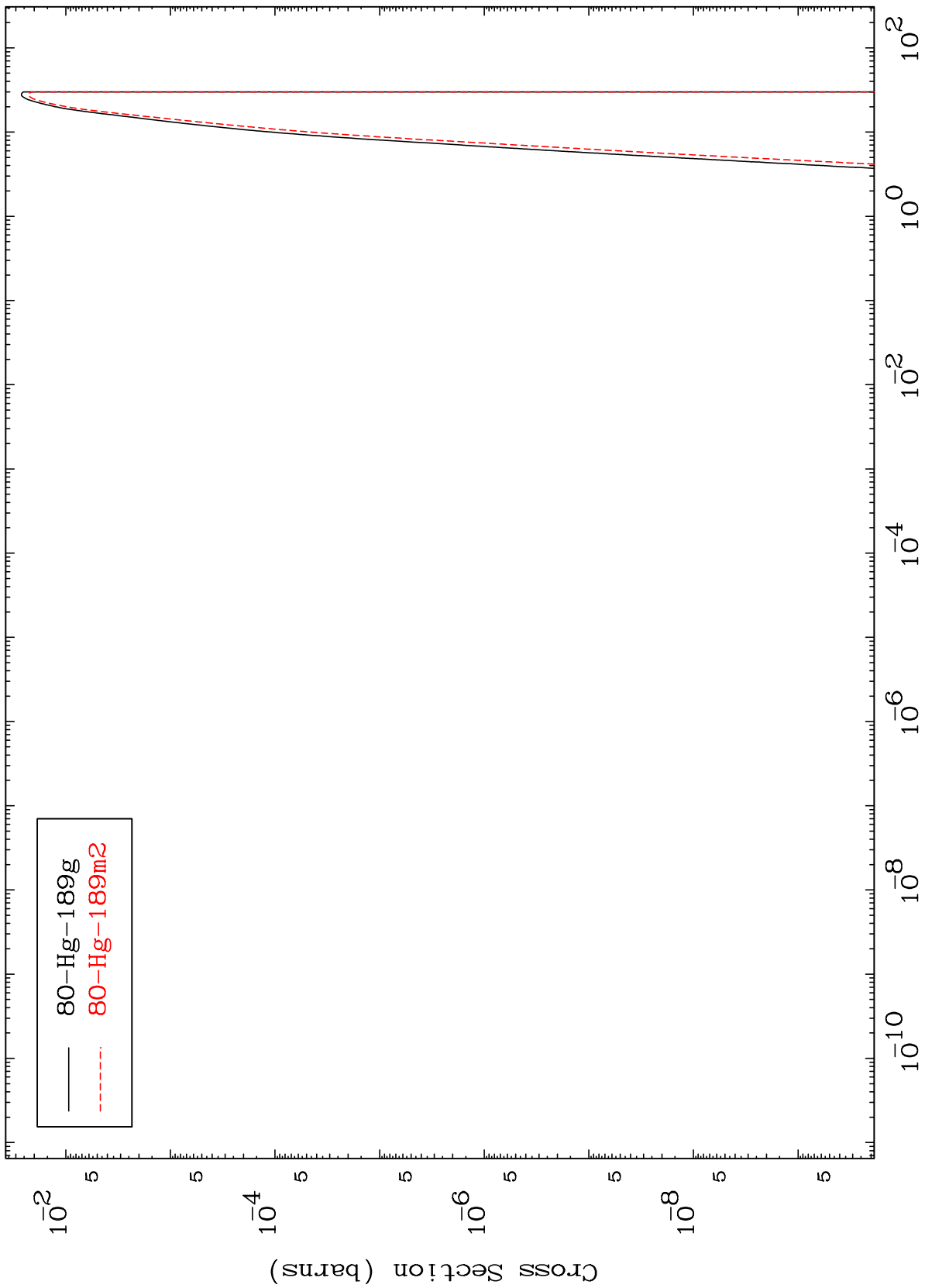
82-Pb-193

MAT 8192

$(n, n')$   $\alpha$

82-Pb-193

Radionuclide Production Cross Section



80-Hg-189g  
80-Hg-189m2

143

Incident Energy (MeV)

82-Pb-193

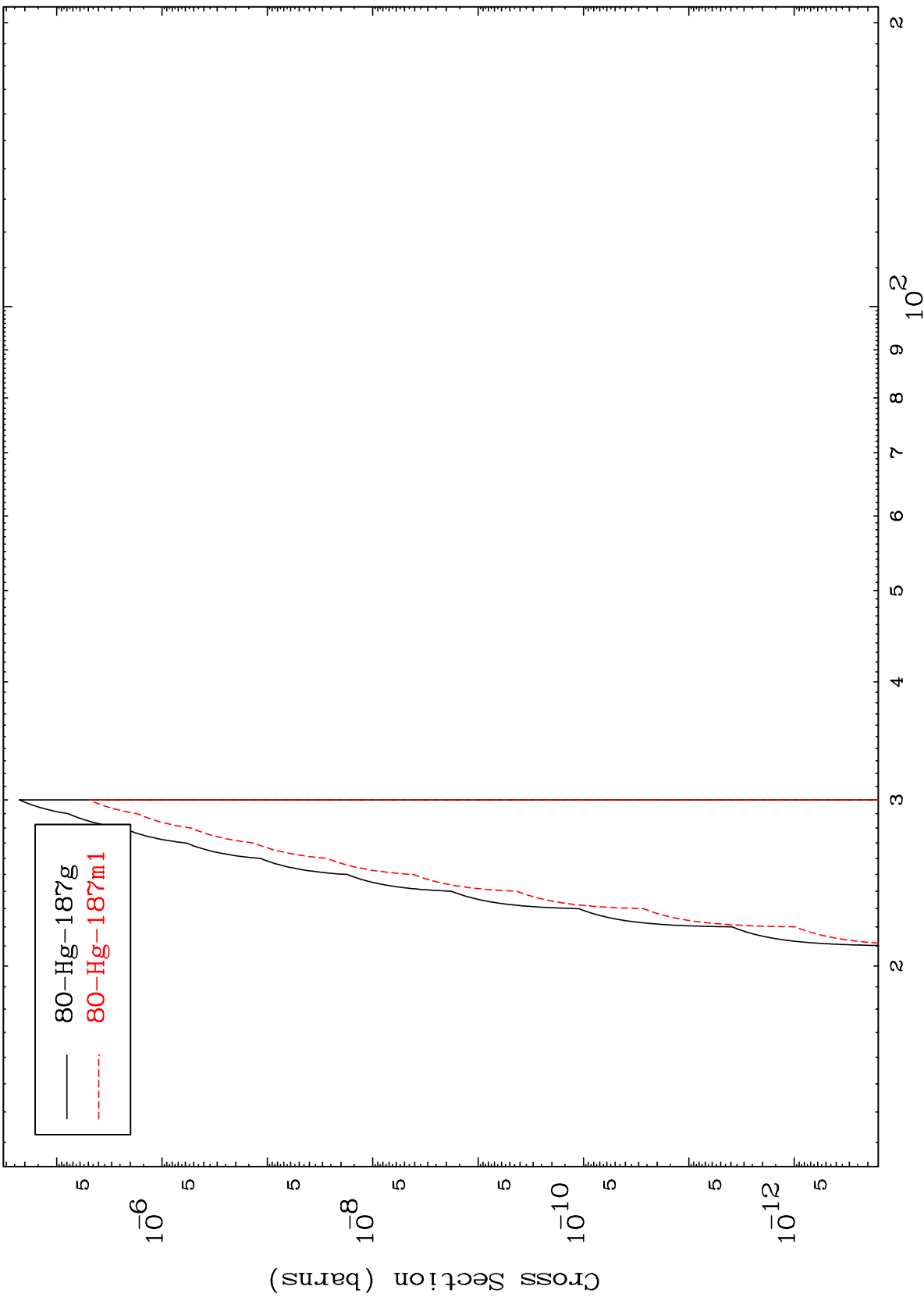


MAT 8192

(n,3n)  $\alpha$

82-Pb-193

Radionuclide Production Cross Section



144

Incident Energy (MeV)

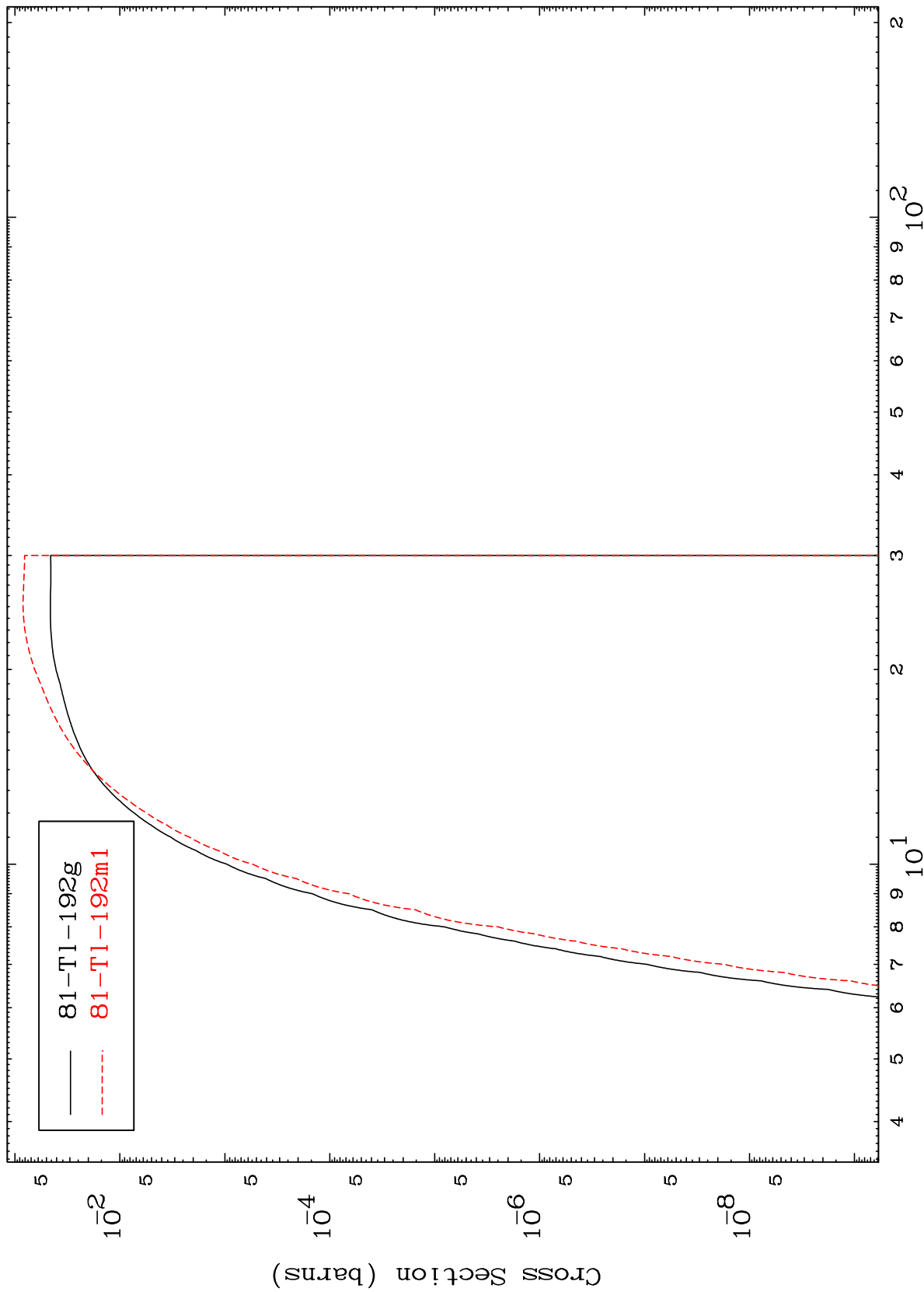
82-Pb-193

MAT 8192

(n,n') p

82-Pb-193

Radionuclide Production Cross Section



145

Incident Energy (MeV)

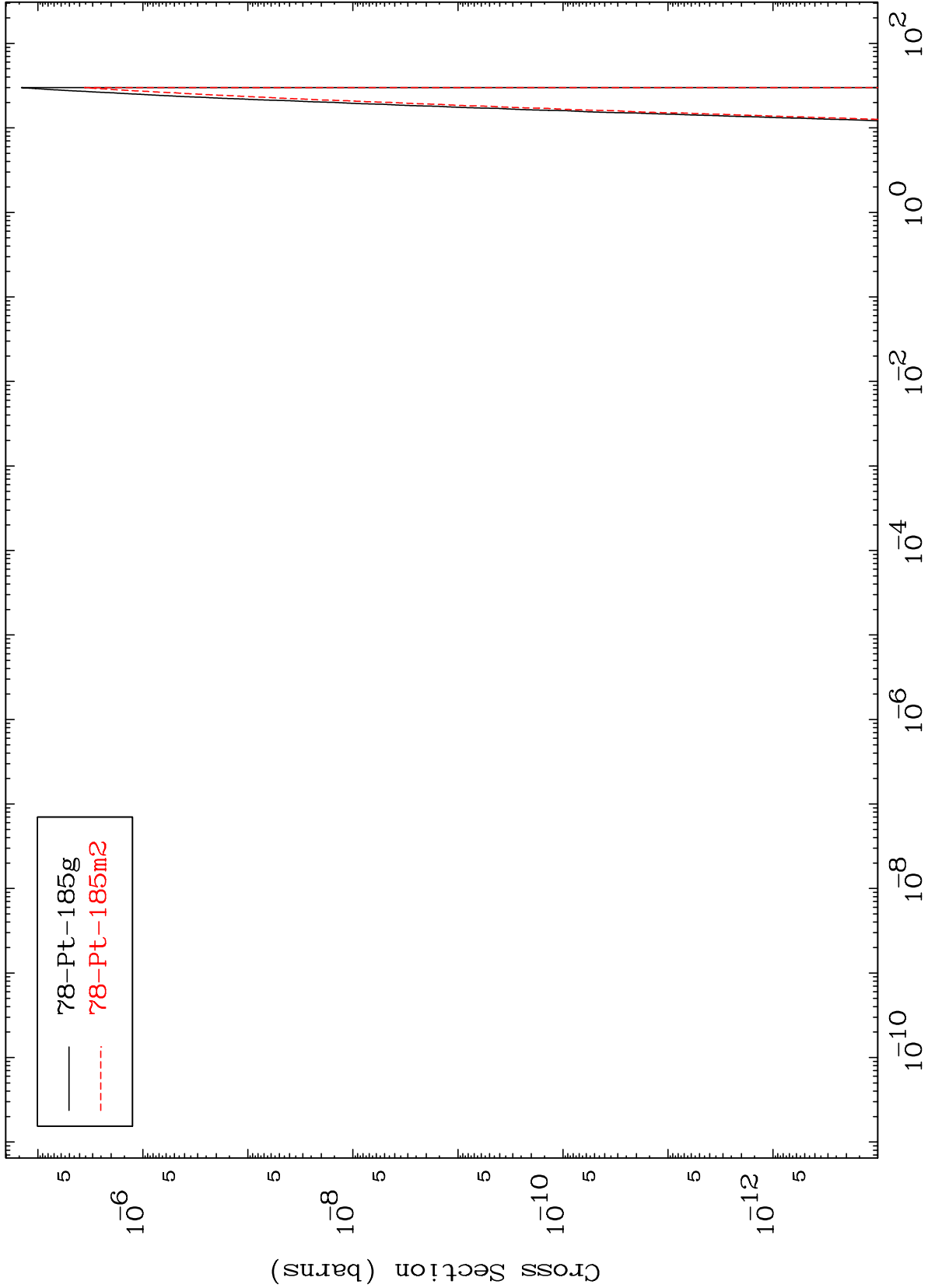
82-Pb-193

MAT 8192

(n,n') 2α

82-Pb-193

Radionuclide Production Cross Section



146

Incident Energy (MeV)

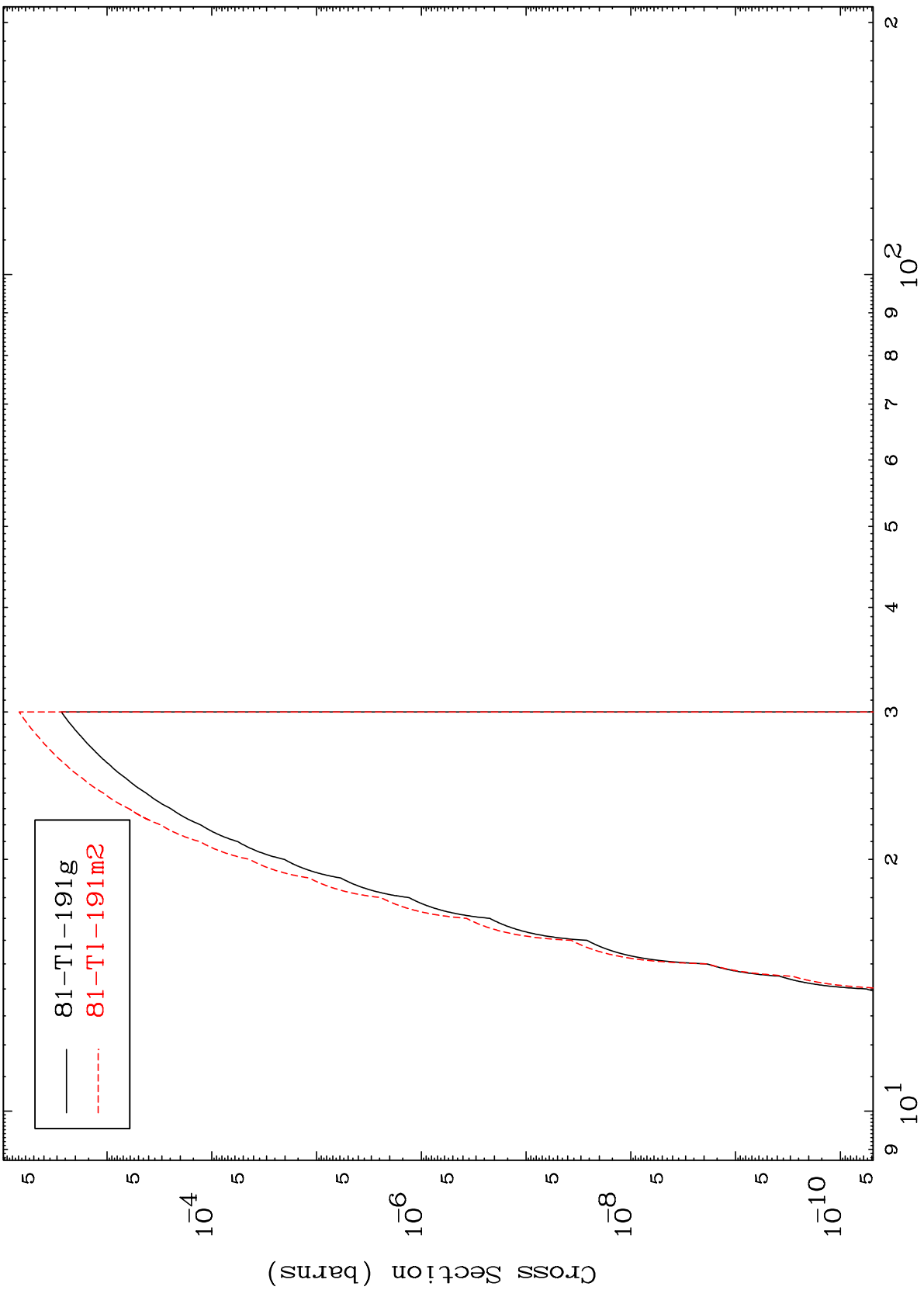
82-Pb-193

MAT 8192

(n,n') d

82-Pb-193

Radionuclide Production Cross Section

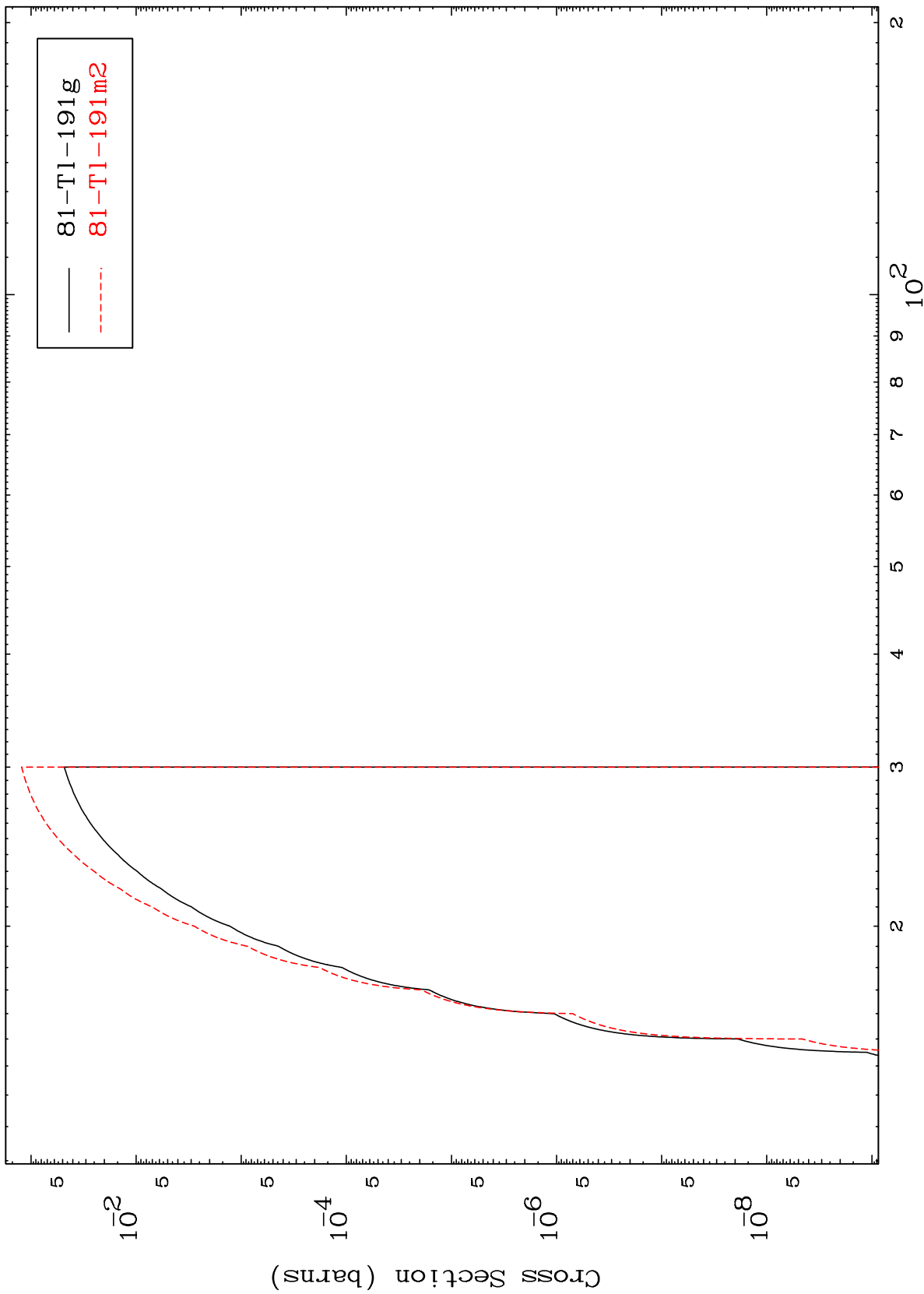


147

Incident Energy (MeV)

82-Pb-193

Radionuclide Production Cross Section

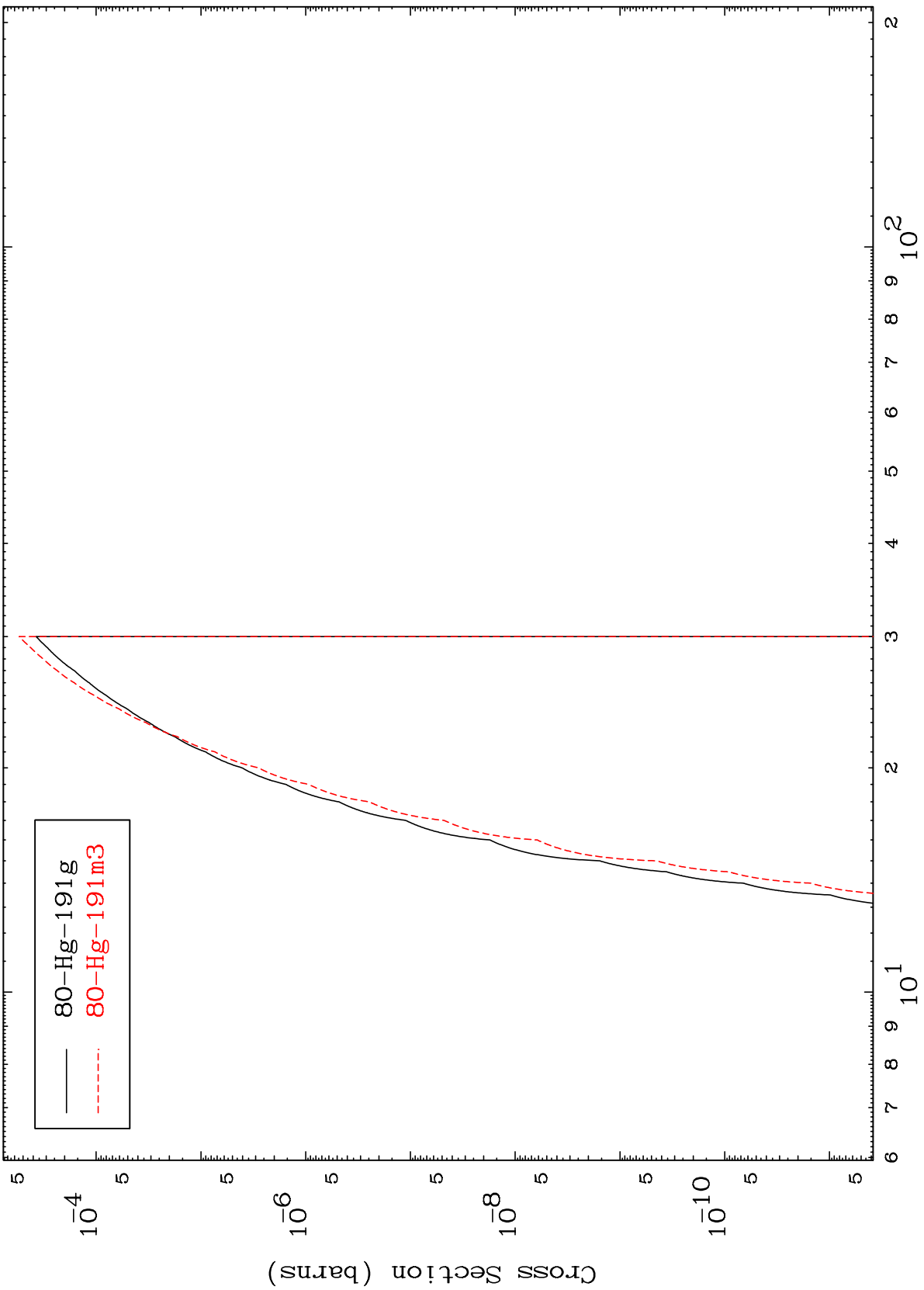


MAT 8192

(n,2n) p

82-Pb-193

Radionuclide Production Cross Section



149

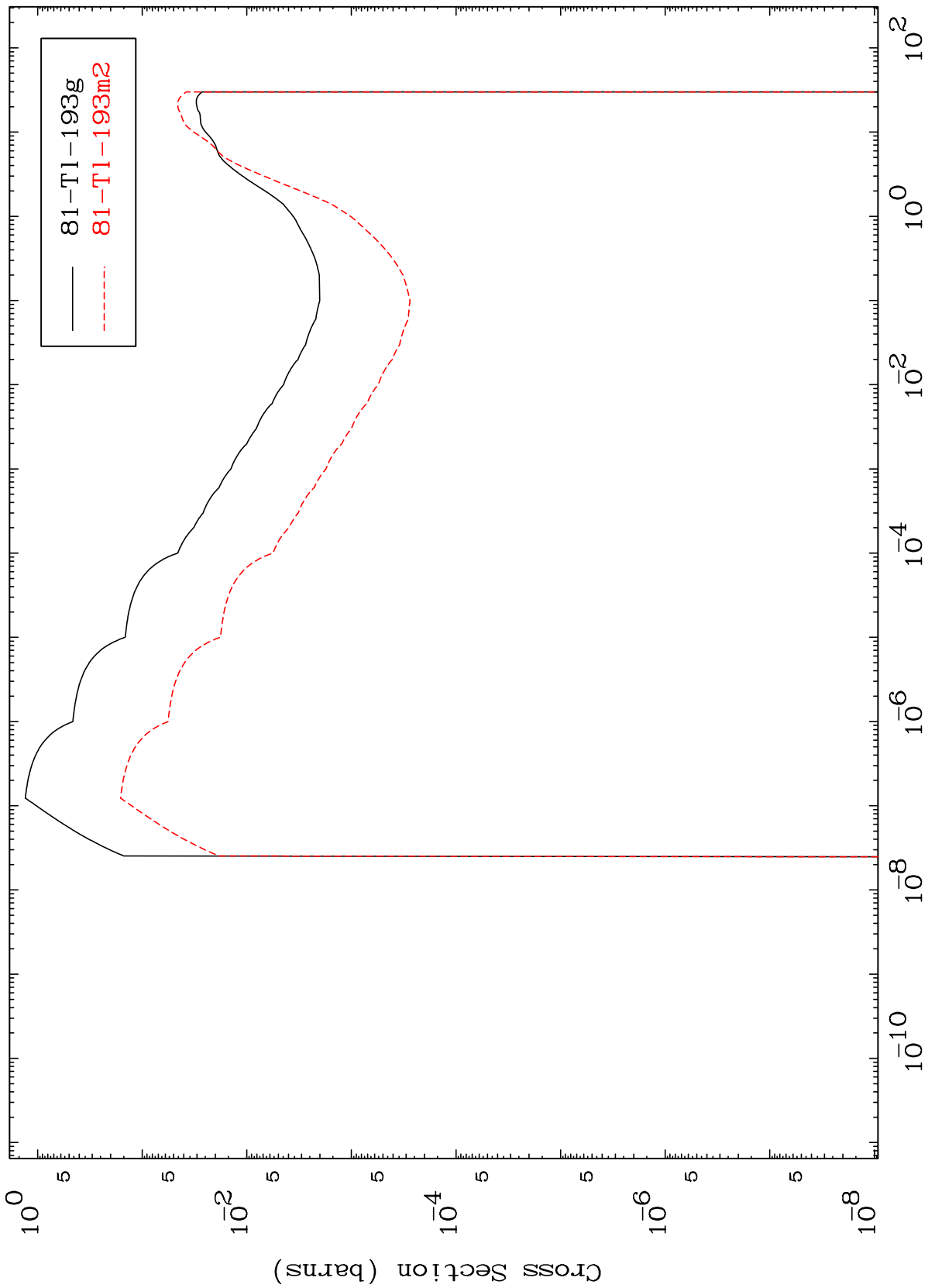
Incident Energy (MeV)

82-Pb-193

MAT 8192

82-Pb-193

(n,p)  
Radionuclide Production Cross Section



81-Tl-193g  
81-Tl-193m2

82-Pb-193

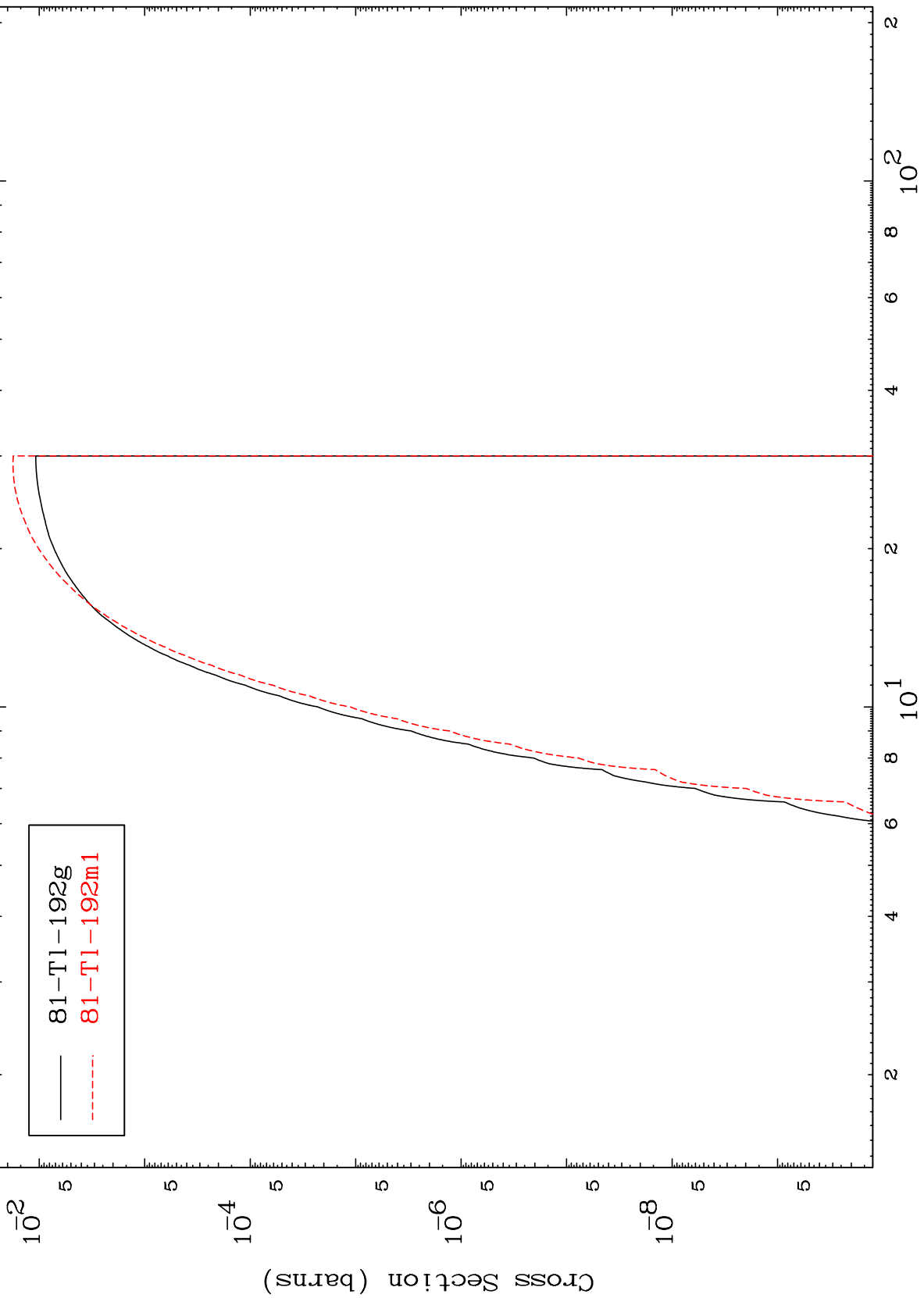
Incident Energy (MeV)

150

MAT 8192

82-Pb-193

(n,d)  
Radionuclide Production Cross Section



81-Tl-192g  
81-Tl-192m1

151

Incident Energy (MeV)

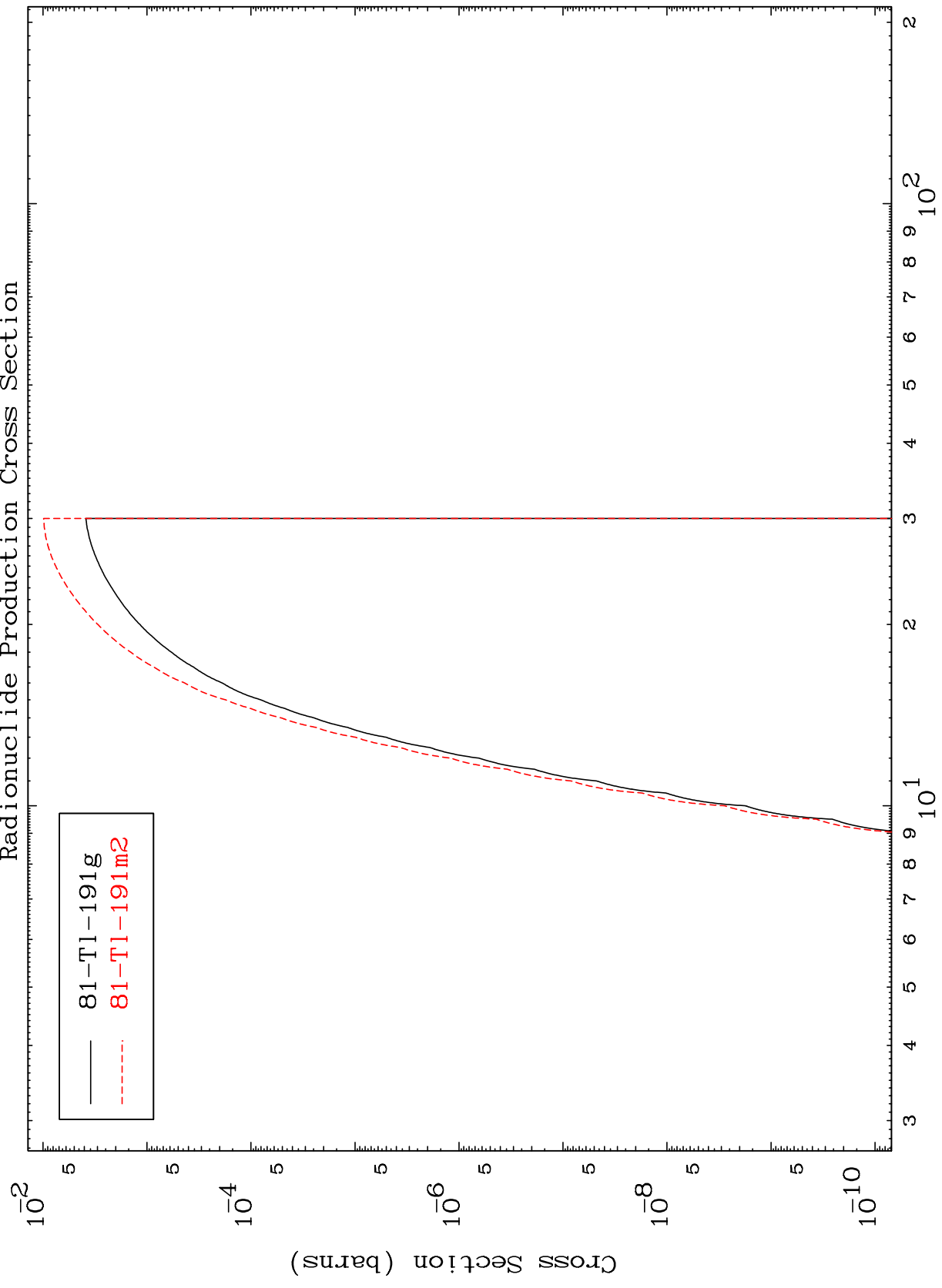
82-Pb-193



MAT 8192

82-Pb-193

Radionuclide Production Cross Section (n,t)



152

82-Pb-193

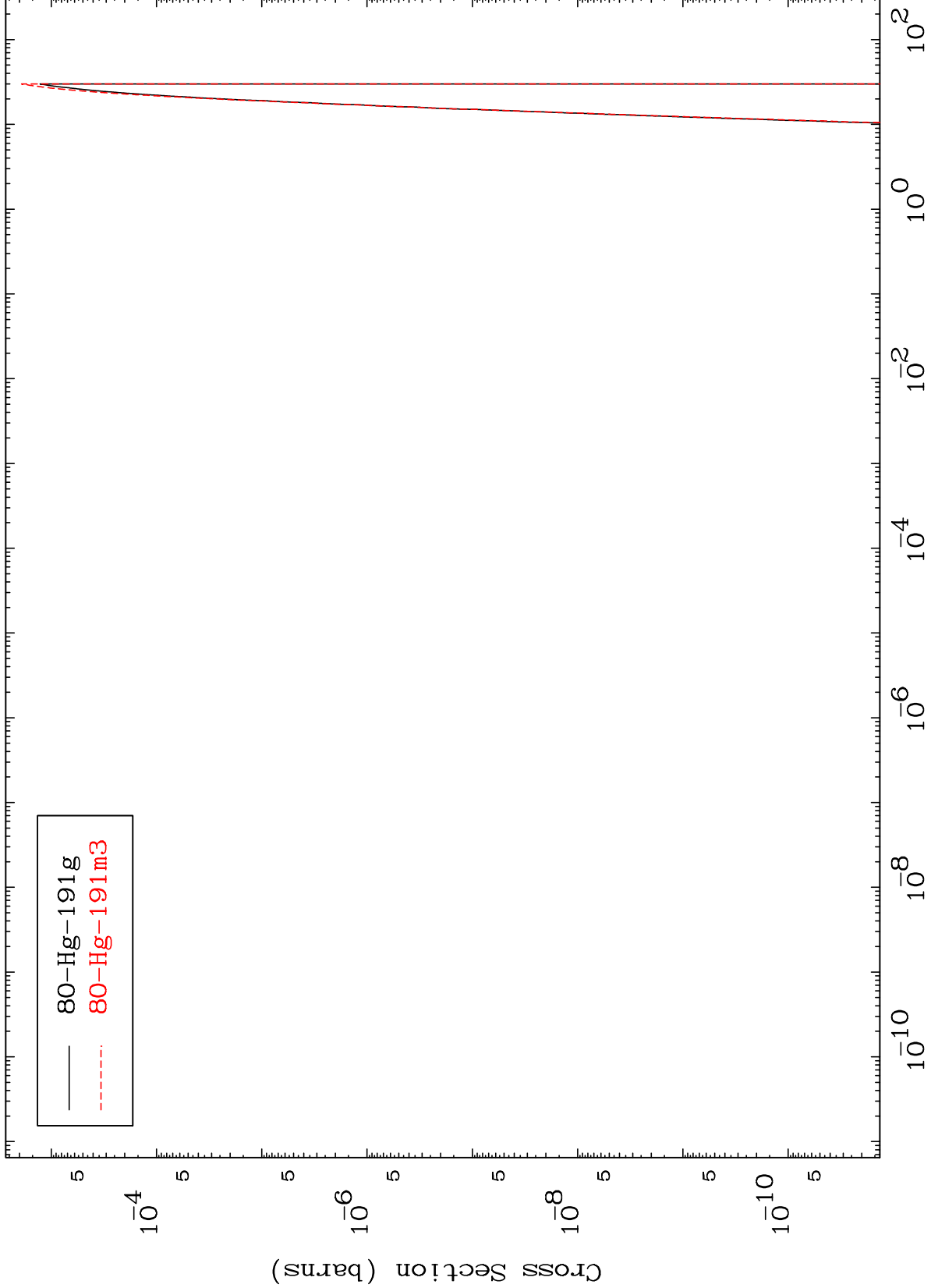
Incident Energy (MeV)

MAT 8192

(n,He-3)

82-Pb-193

Radionuclide Production Cross Section



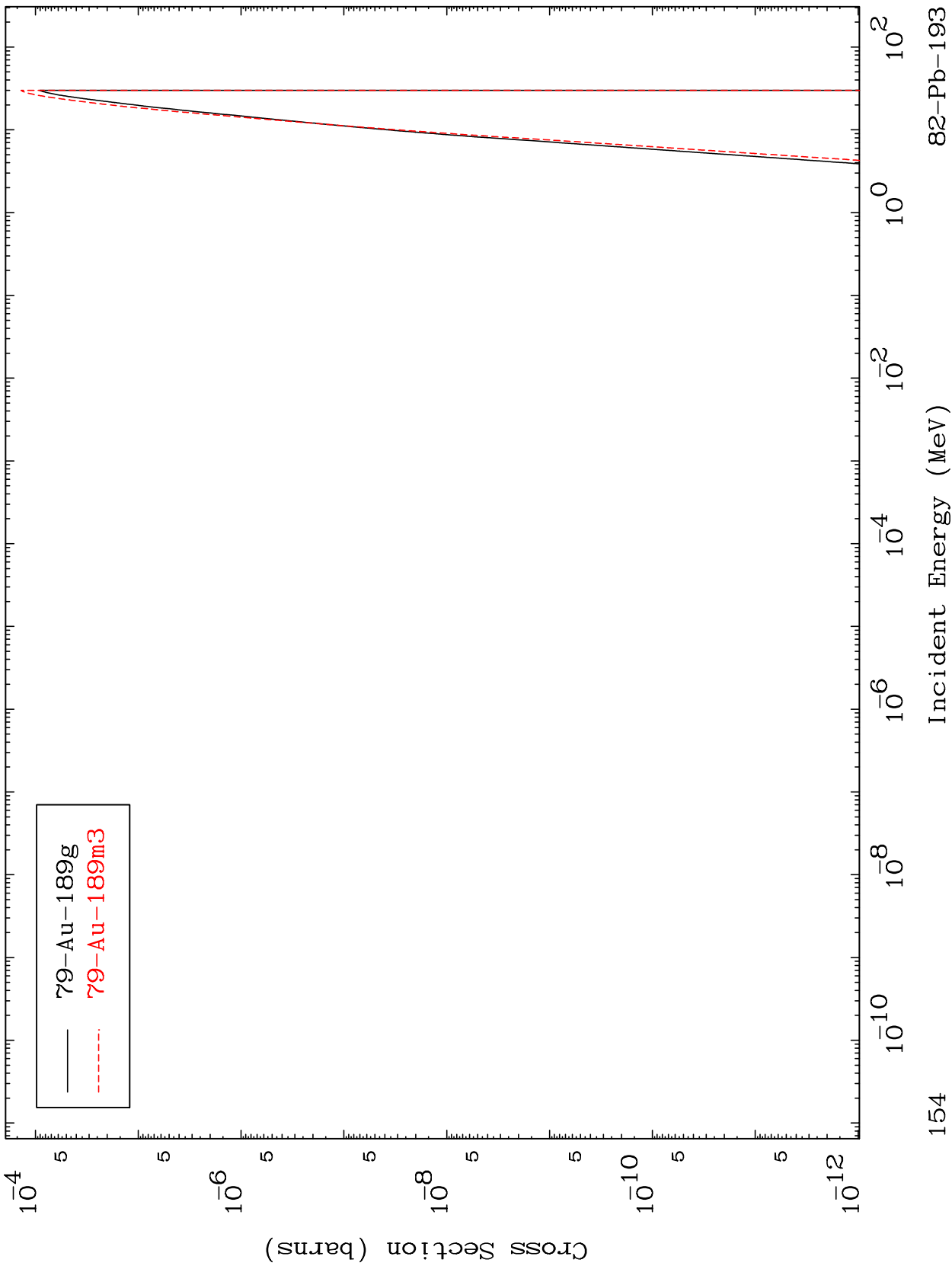
80-Hg-191 g  
80-Hg-191 m3

MAT 8192

(n,p)  $\alpha$

82-Pb-193

Radionuclide Production Cross Section

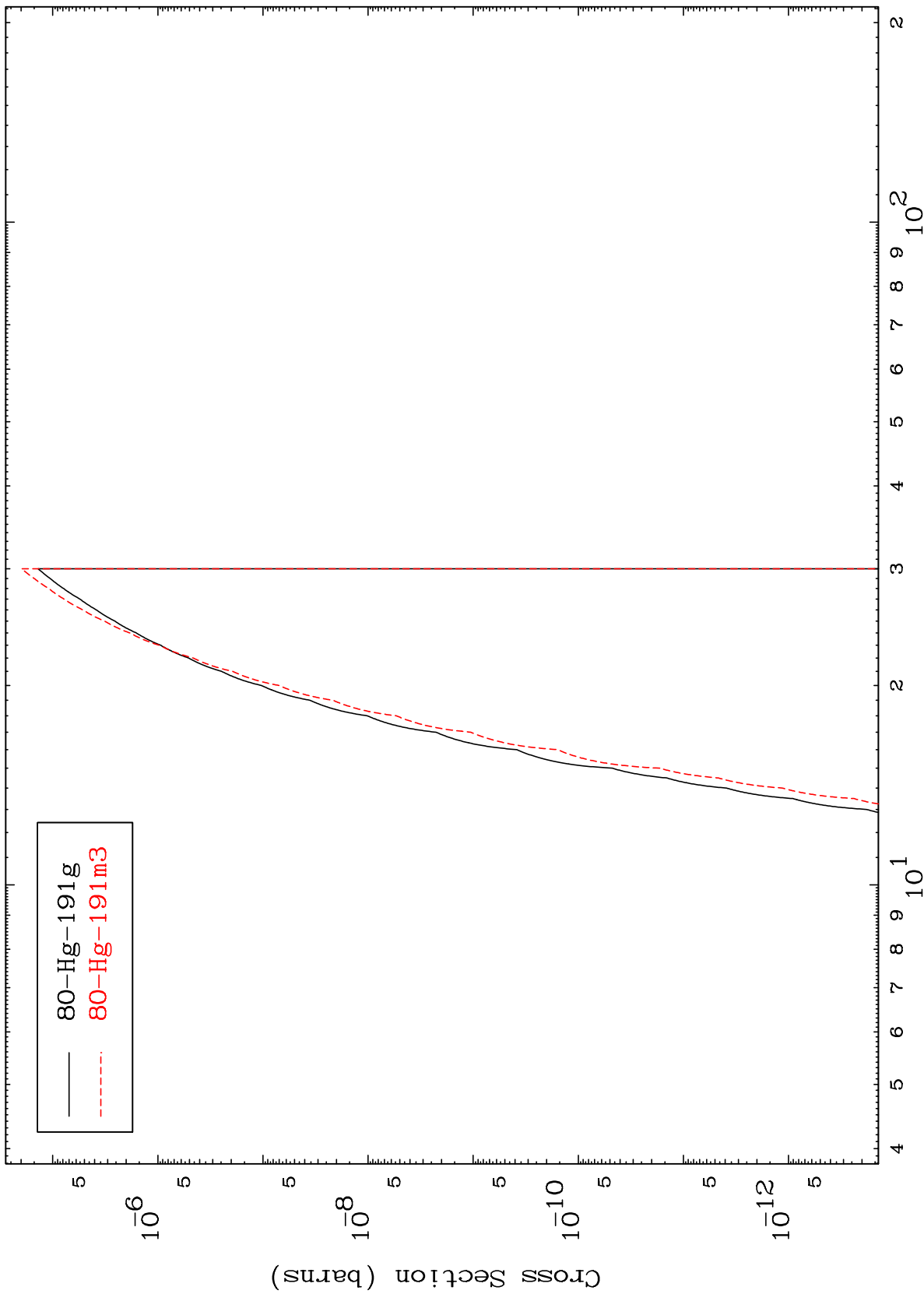


MAT 8192

(n,p) d

82-Pb-193

Radionuclide Production Cross Section



155

Incident Energy (MeV)

82-Pb-193