

Program EVALPLOT
(Version 2017-1)

by

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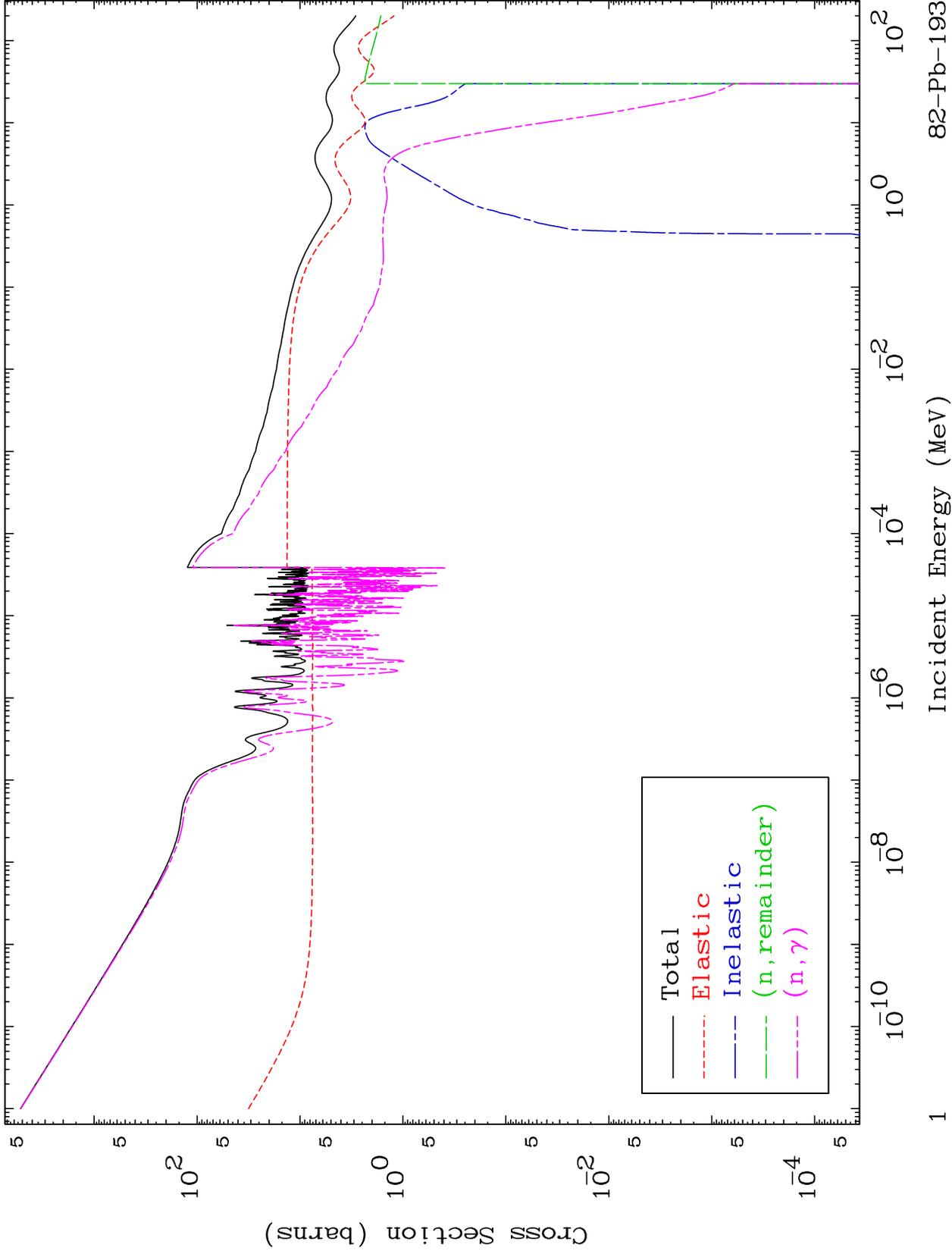
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Press Mouse Button to Start

MAT 8192

Major
293 Kelvin Cross Sections

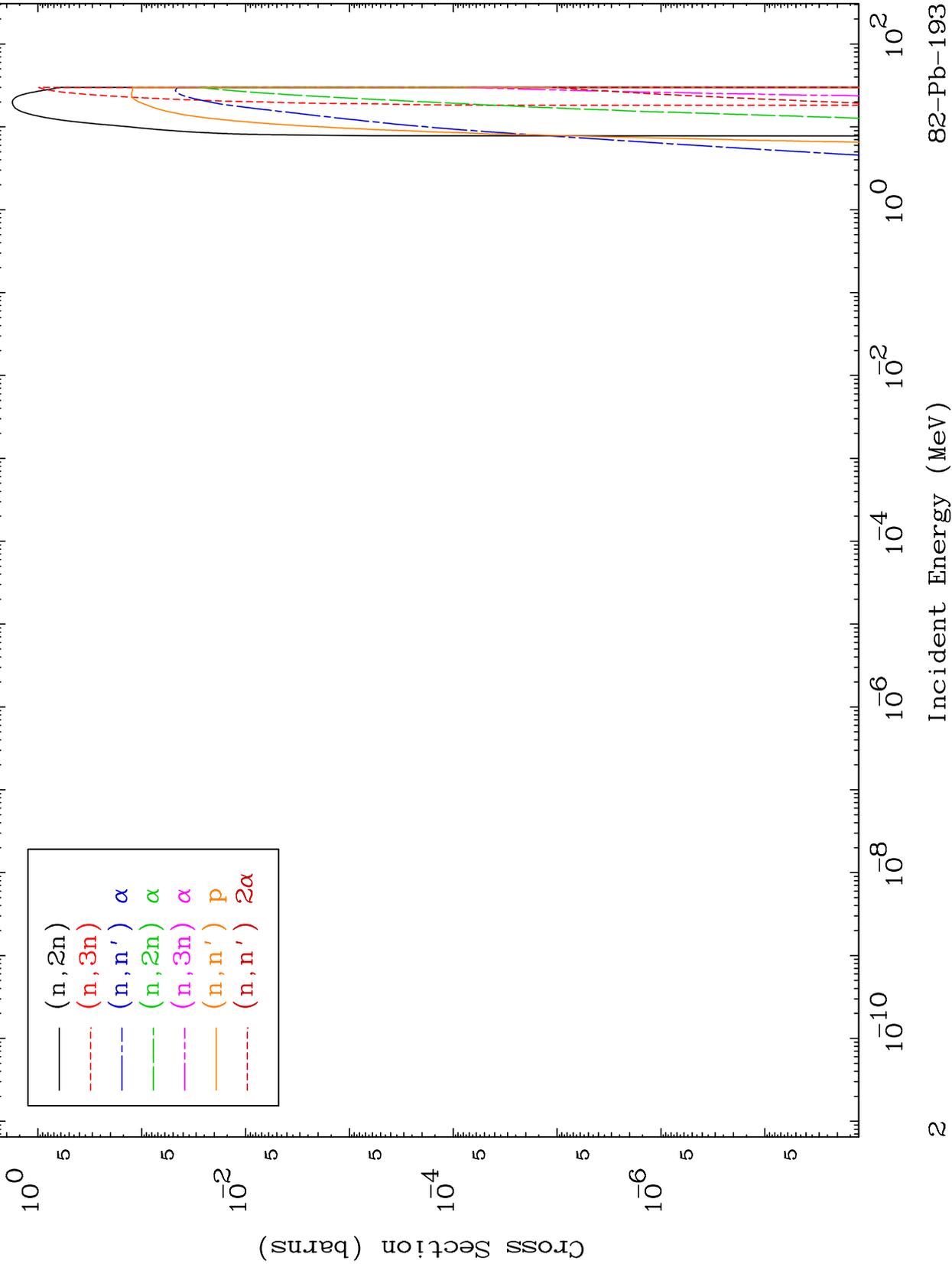
82-Pb-193



MAT 8192

Neutron Production
293 Kelvin Cross Sections

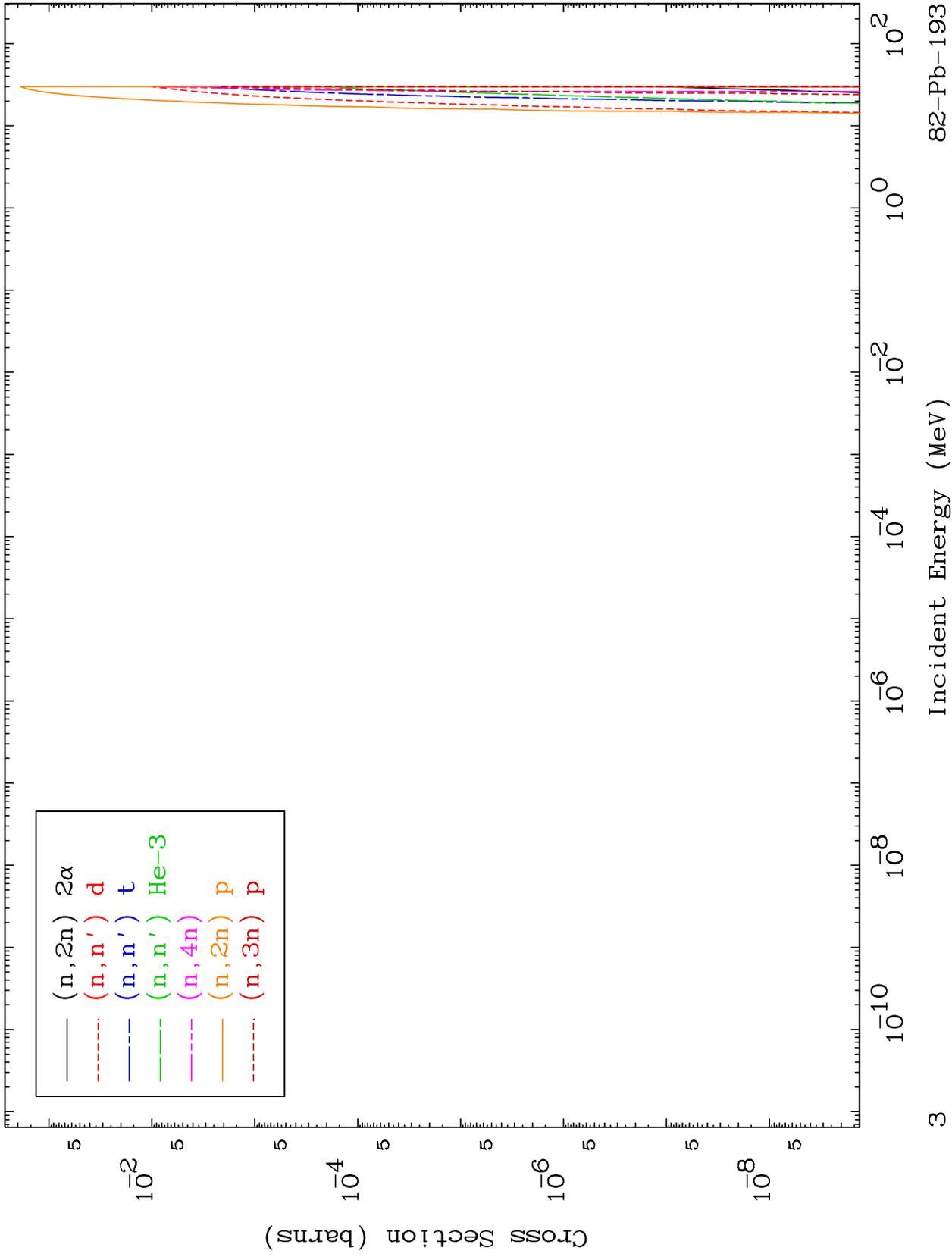
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MAT 8192

Neutron Production
293 Kelvin Cross Sections

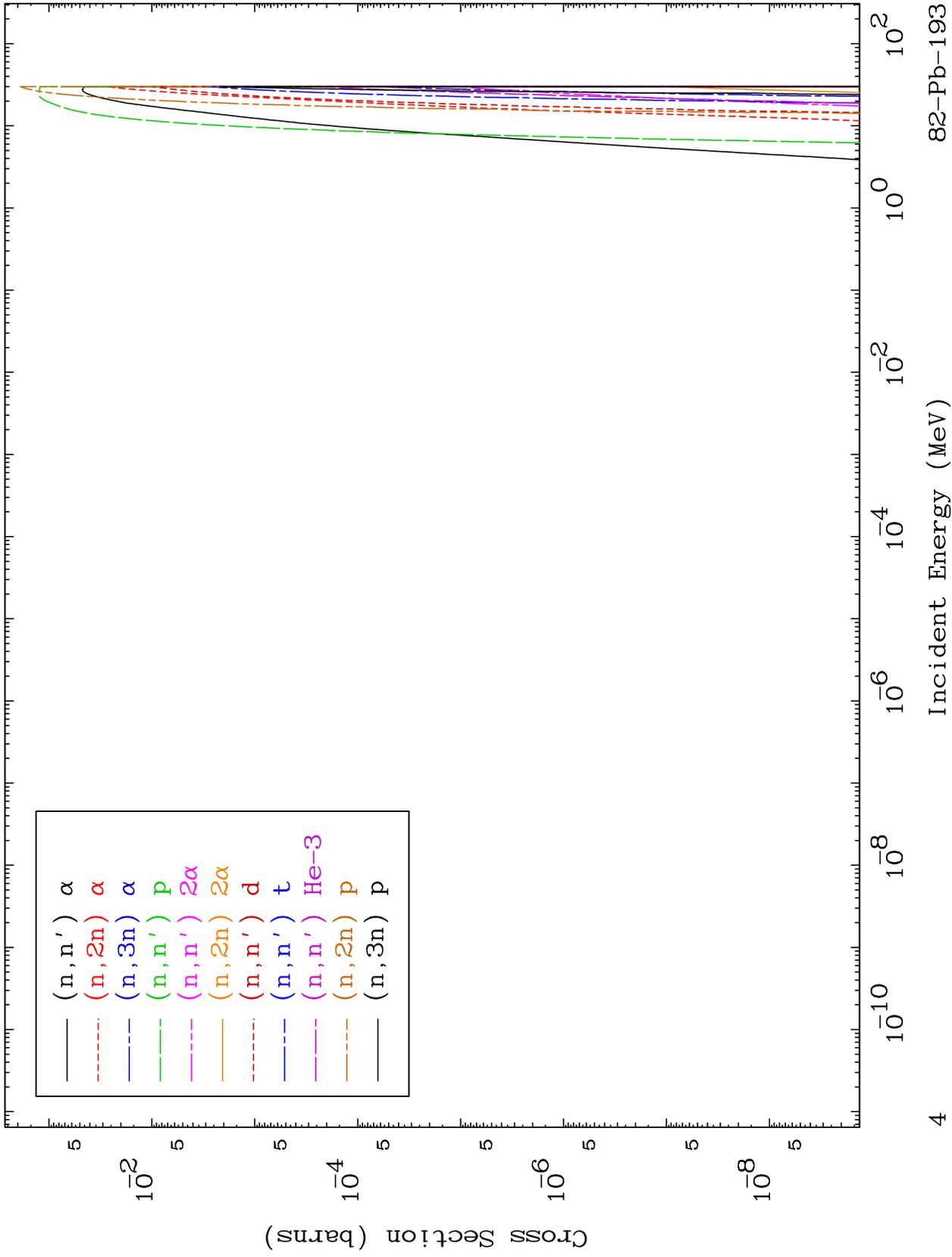
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MAT 8192

Charged Particle
293 Kelvin Cross Sections

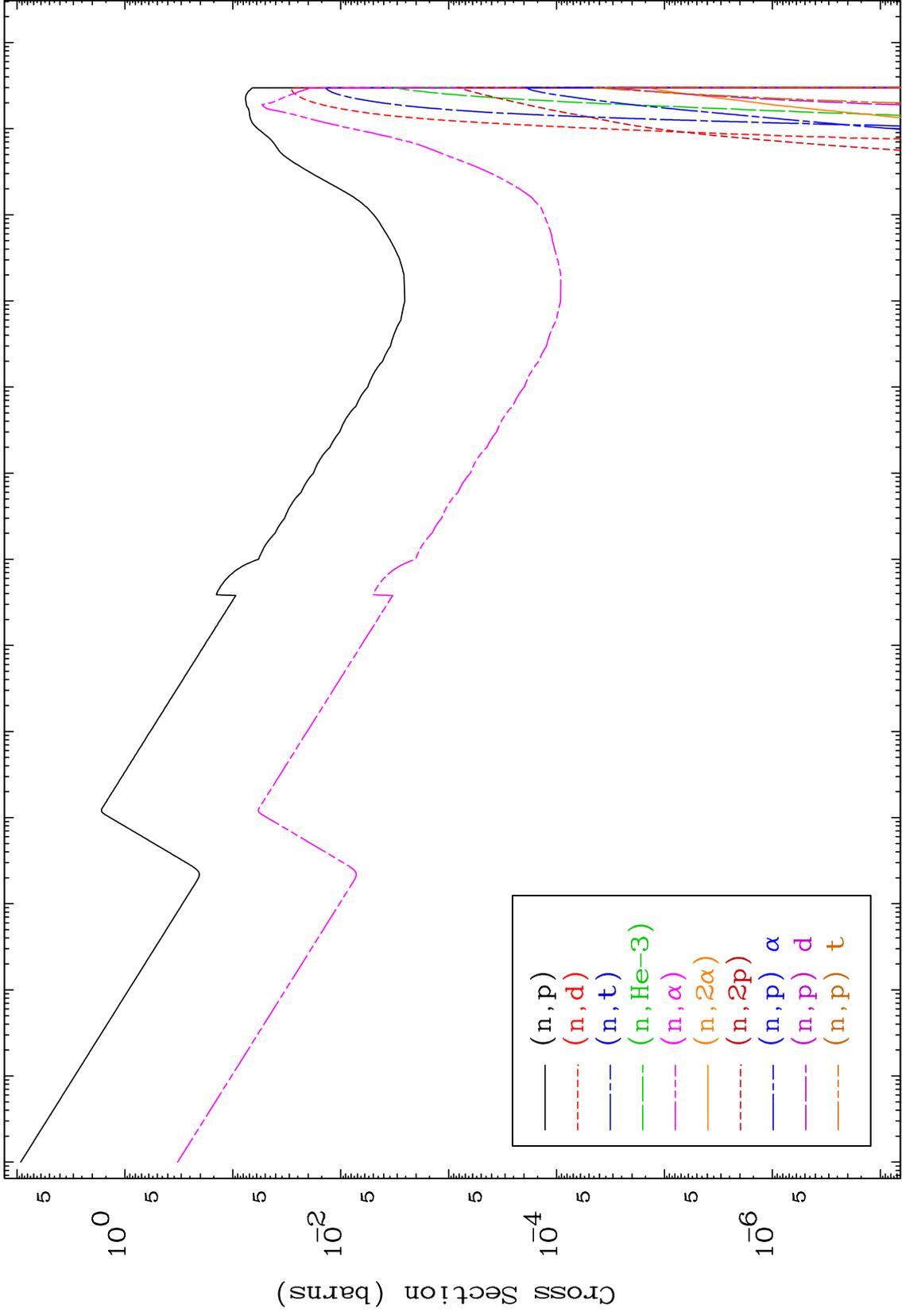
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MAT 8192

Charged Particle
293 Kelvin Cross Sections

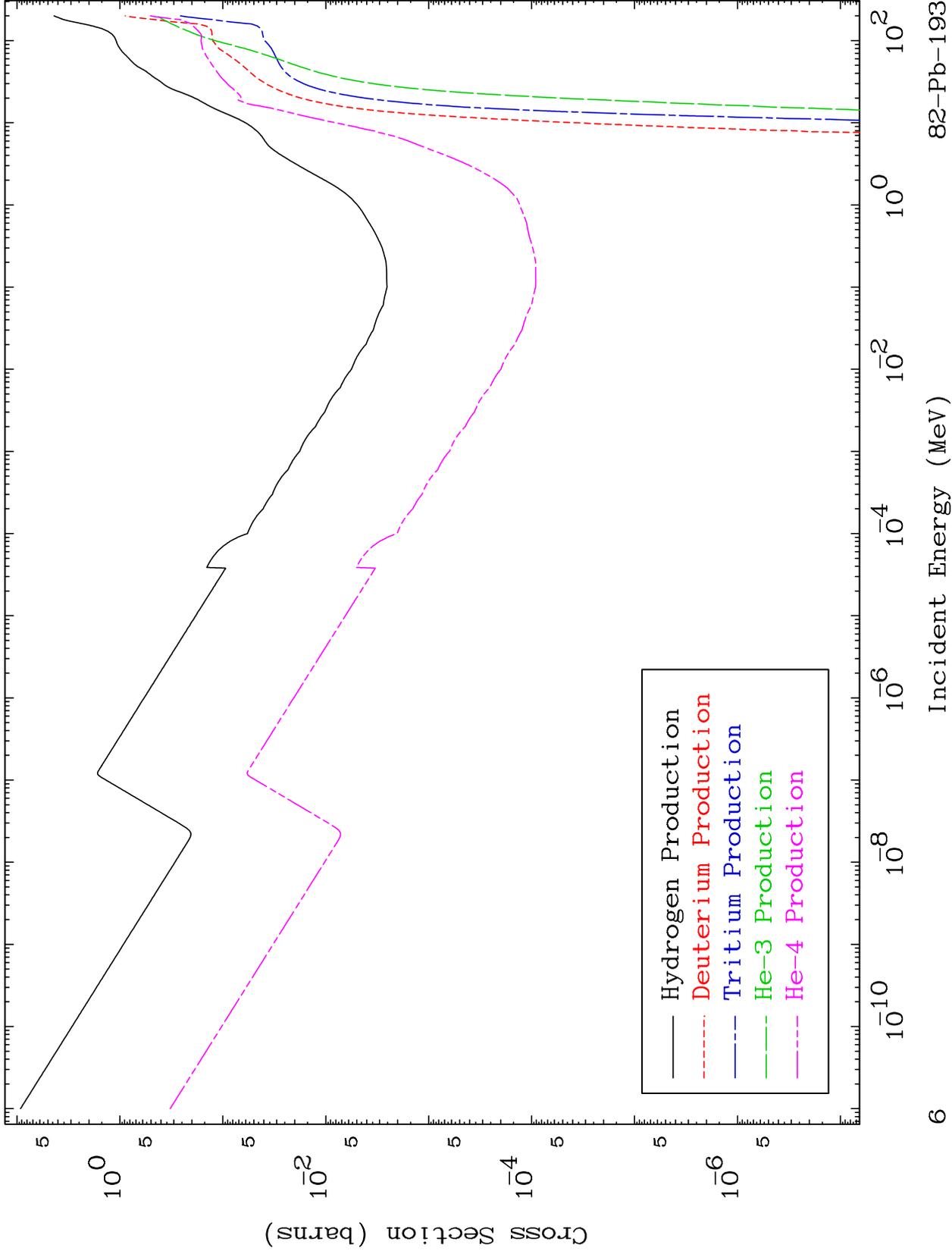
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5

Incident Energy (MeV)

82-Pb-193

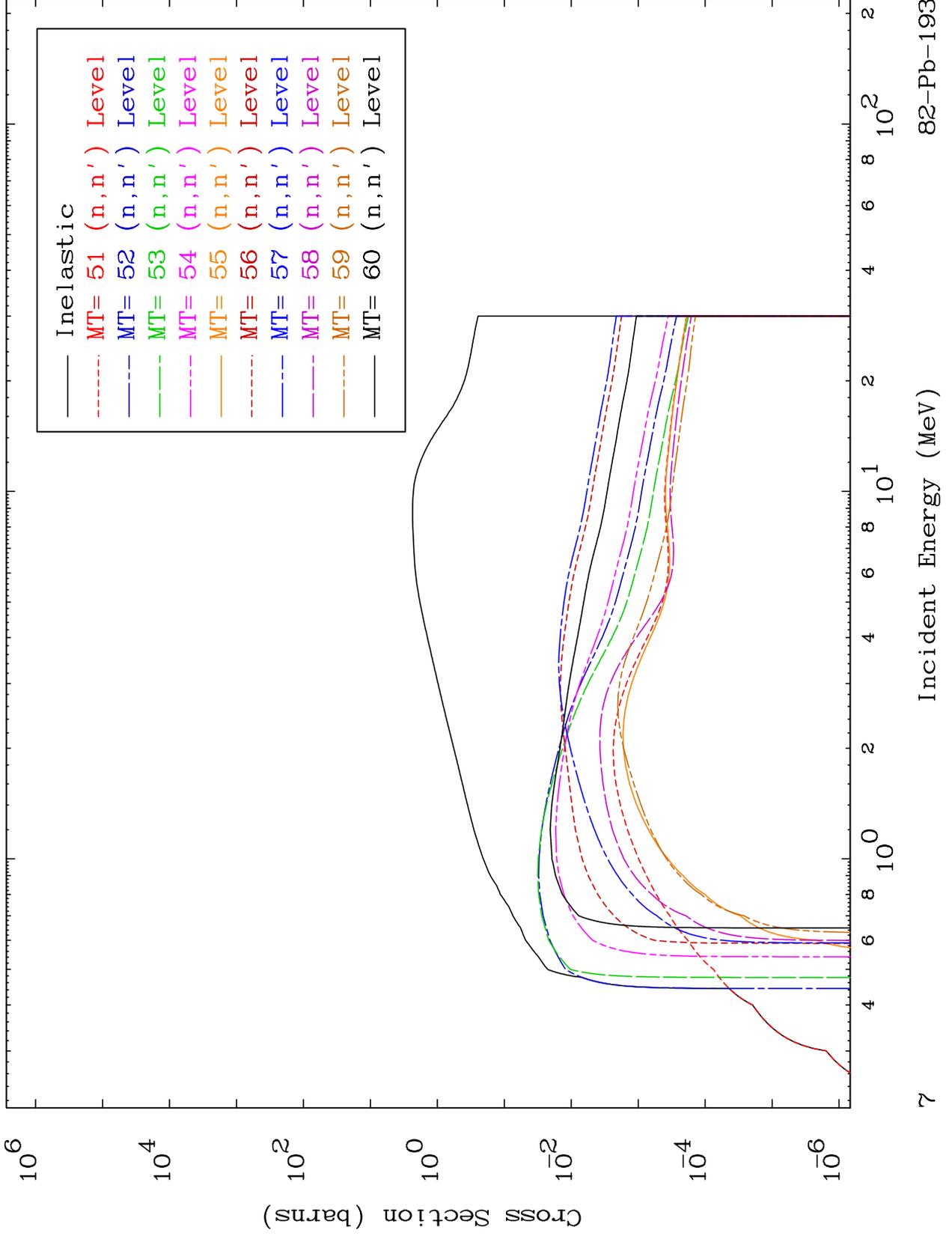


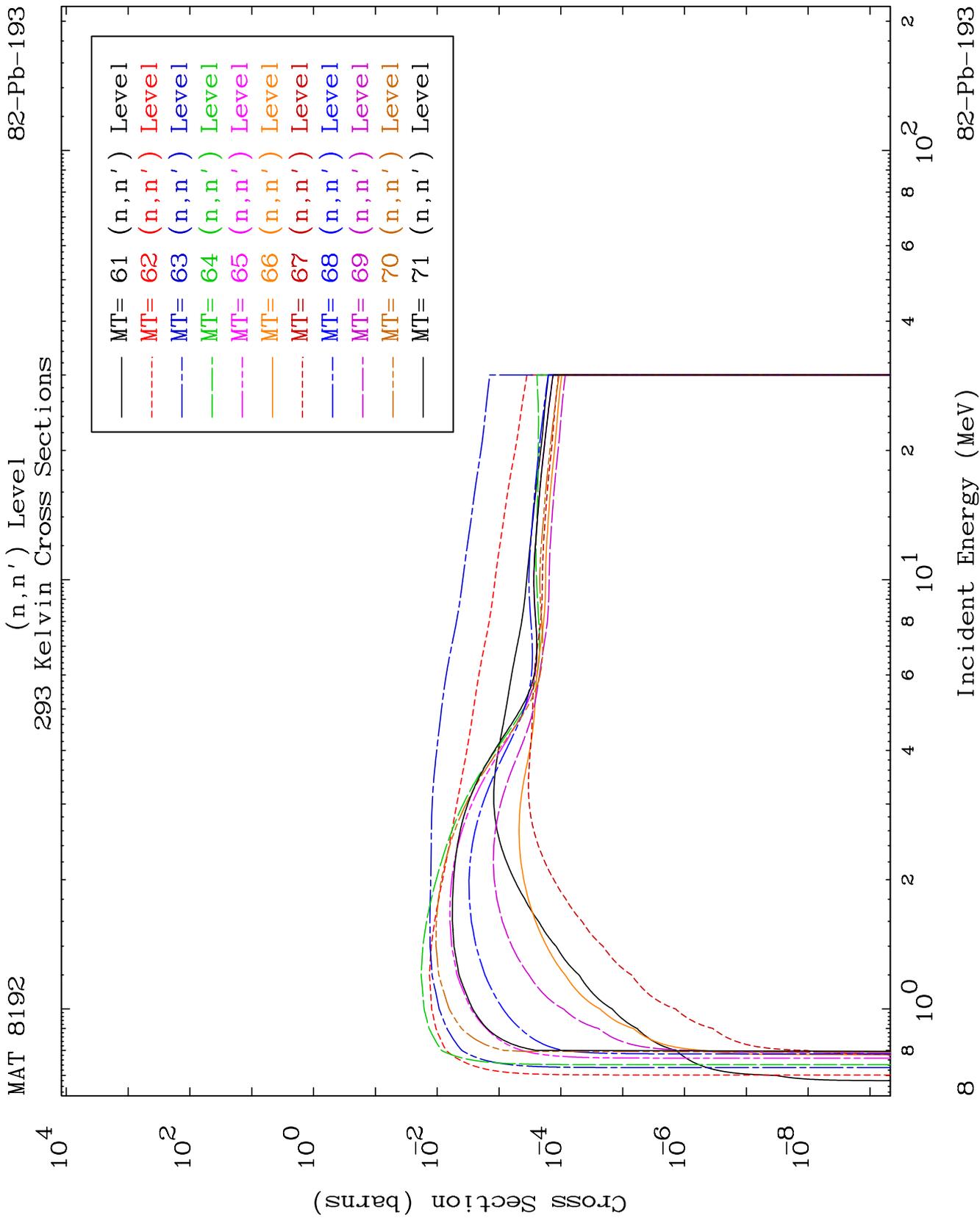
MAT 8192

(n,n') Level

82-Pb-193

293 Kelvin Cross Sections



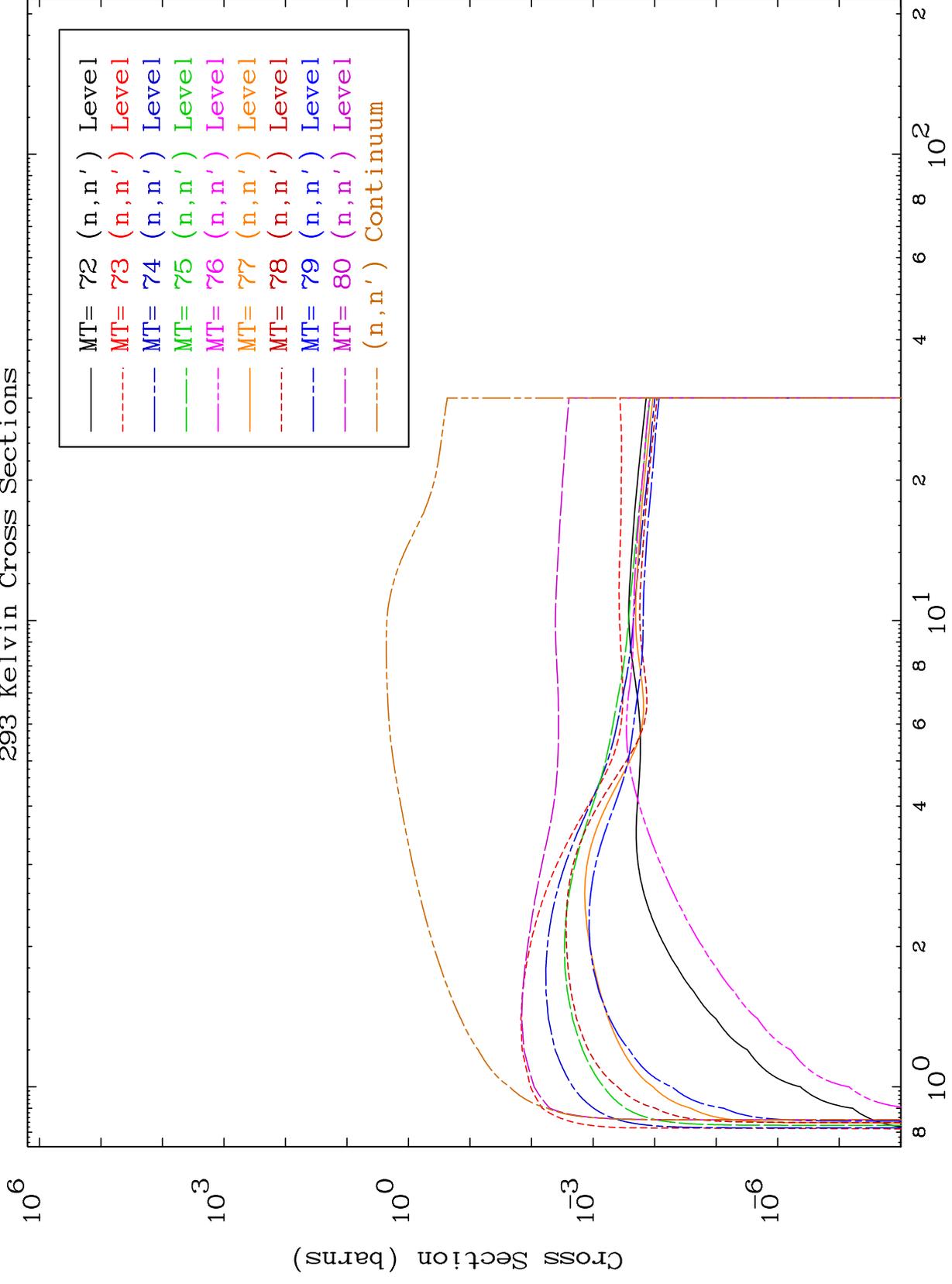


MAT 8192

(n,n') Level

82-Pb-193

293 Kelvin Cross Sections



Incident Energy (MeV)

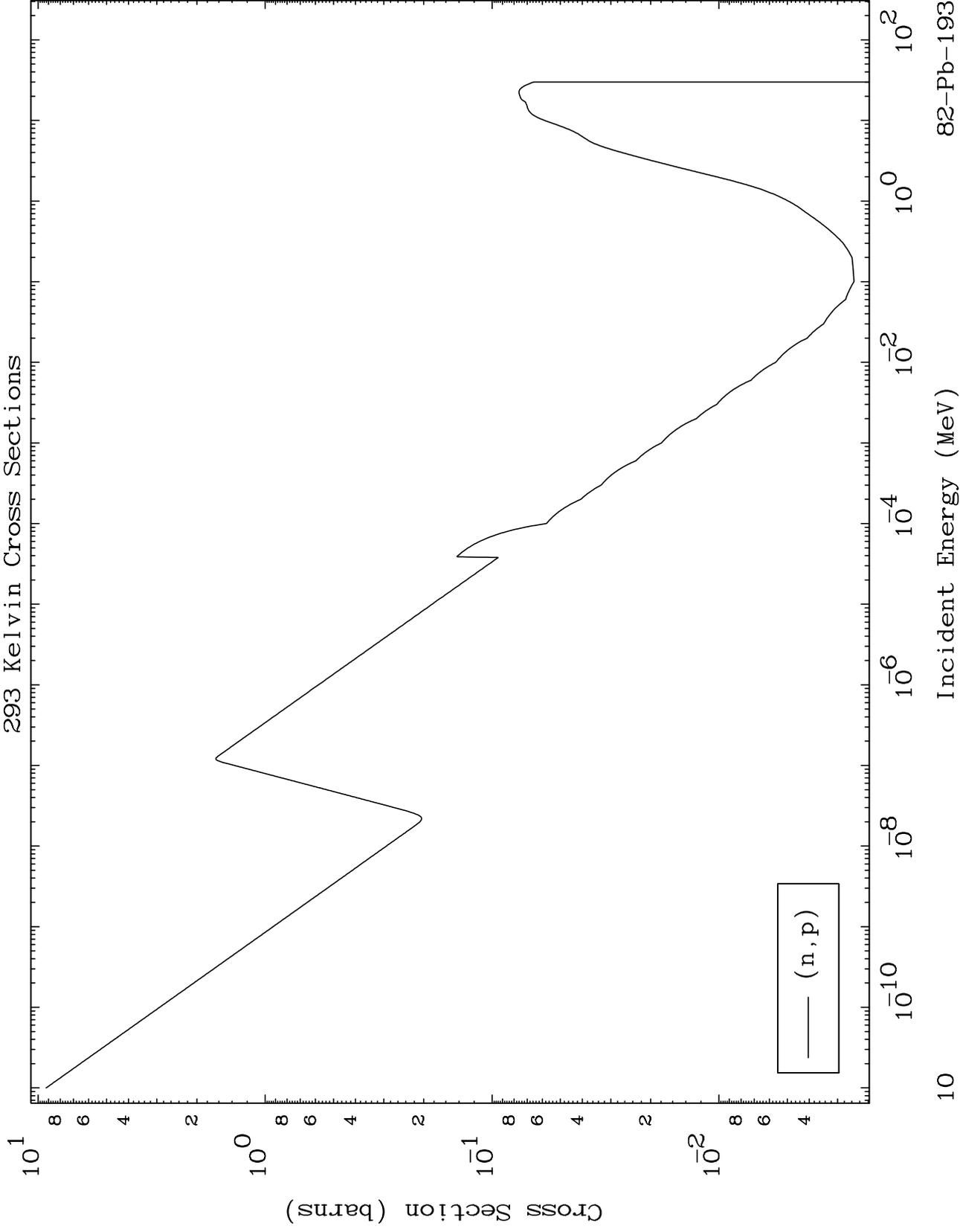
82-Pb-193

9

MAT 8192

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-193



10

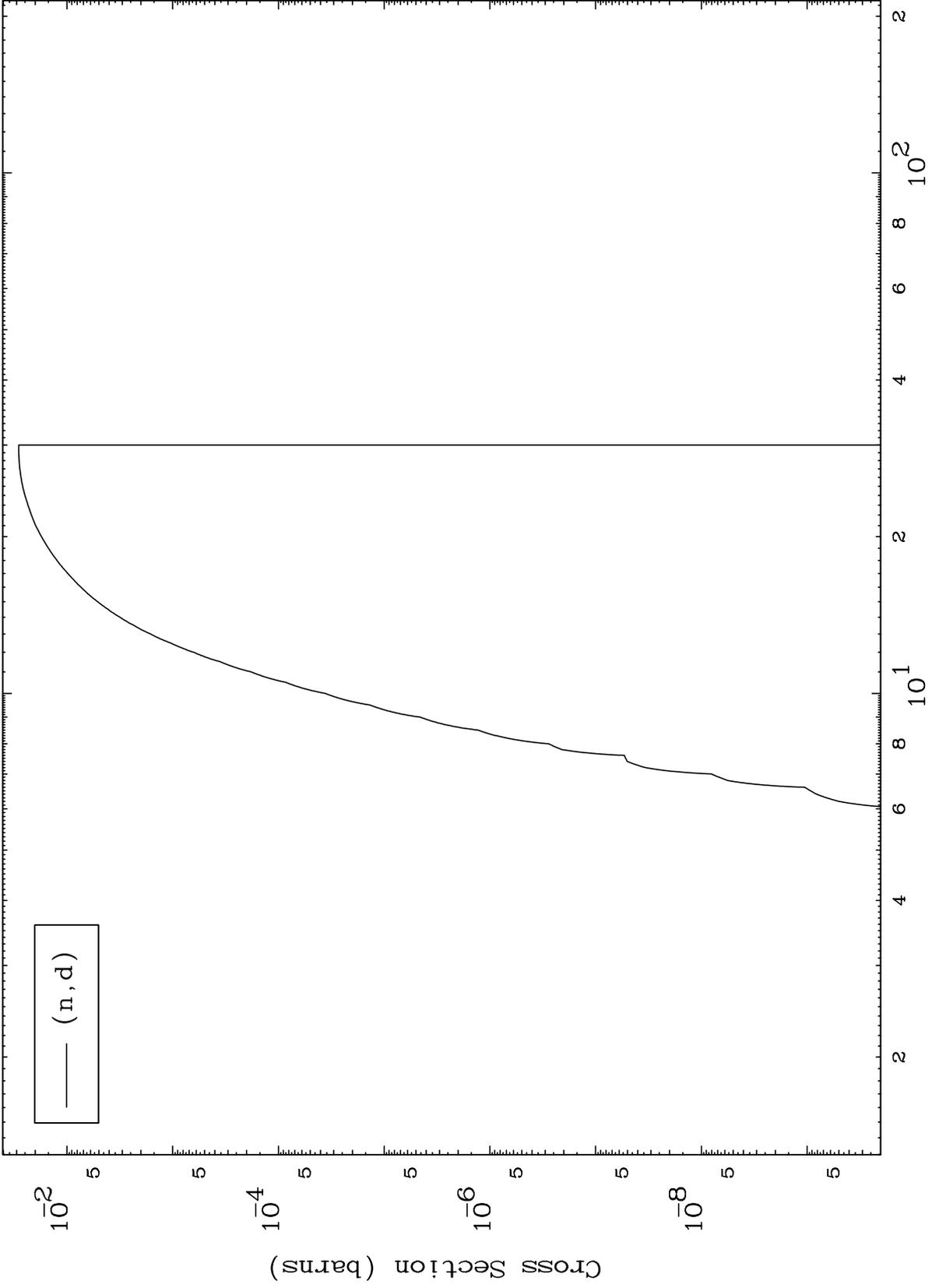
Incident Energy (MeV)

82-Pb-193

MAT 8192

(n,d) Levels
293 Kelvin Cross Sections

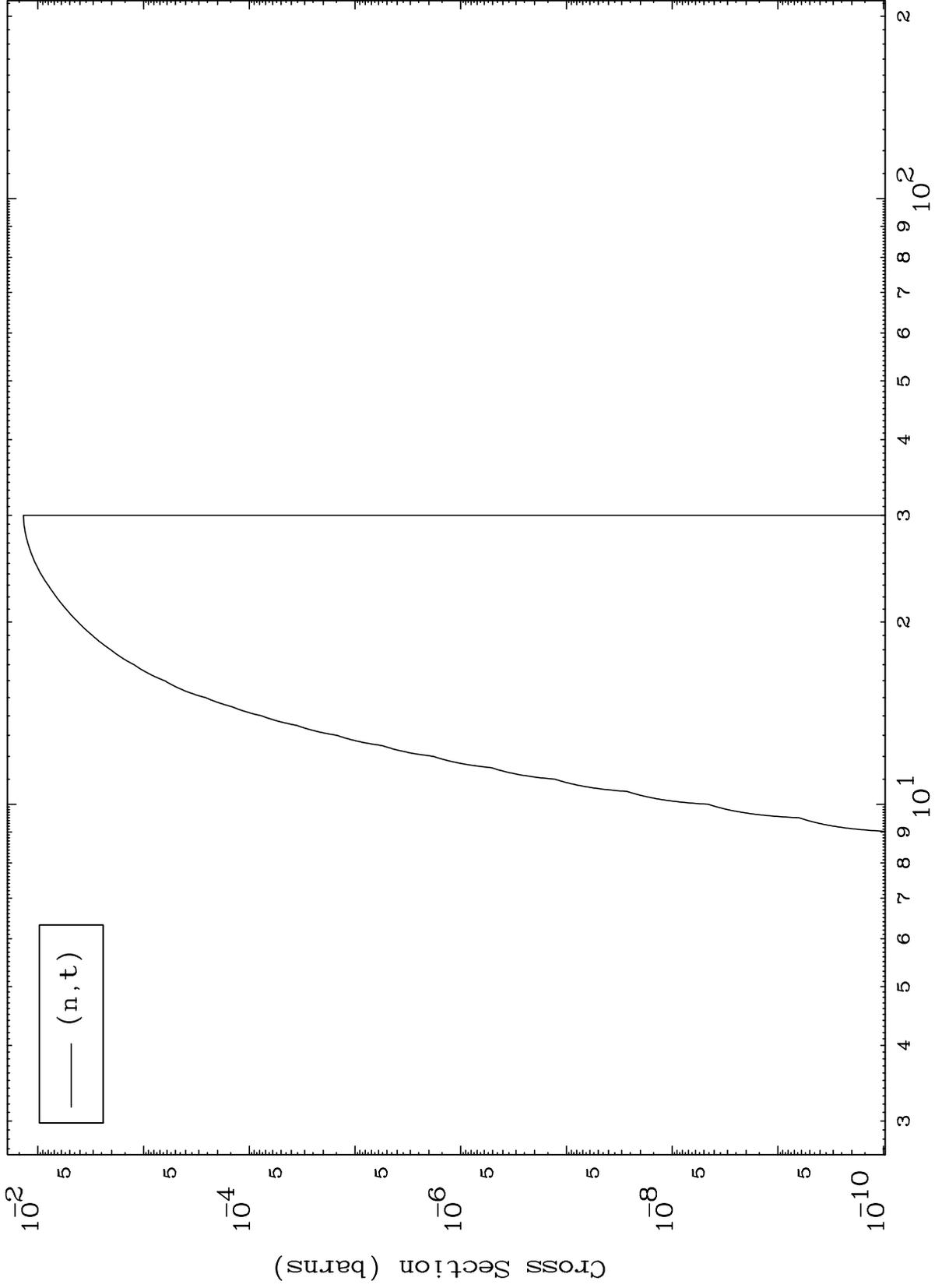
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MAT 8192

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-193



12

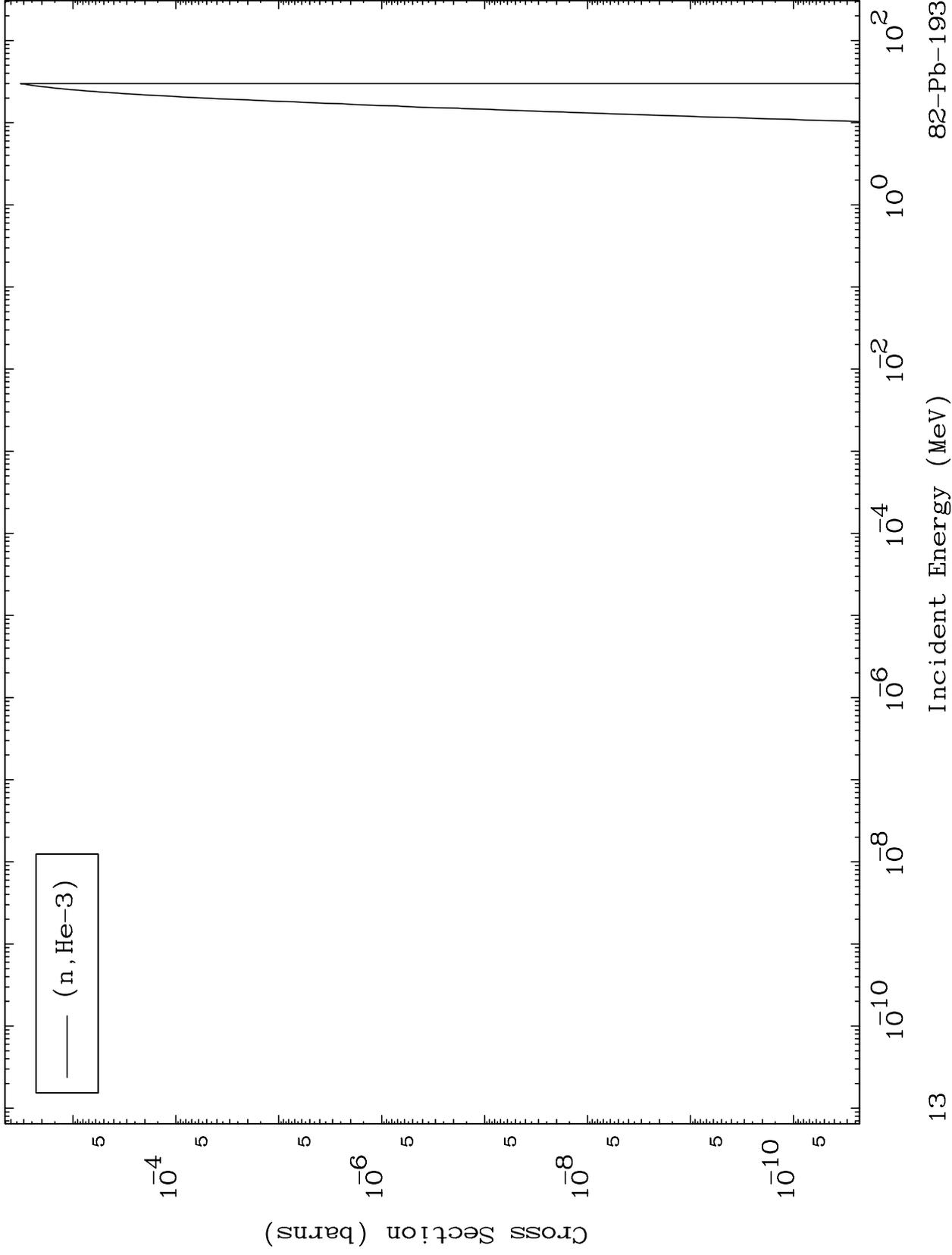
Incident Energy (MeV)

82-Pb-193

MAT 8192

(n,He3) Levels
293 Kelvin Cross Sections

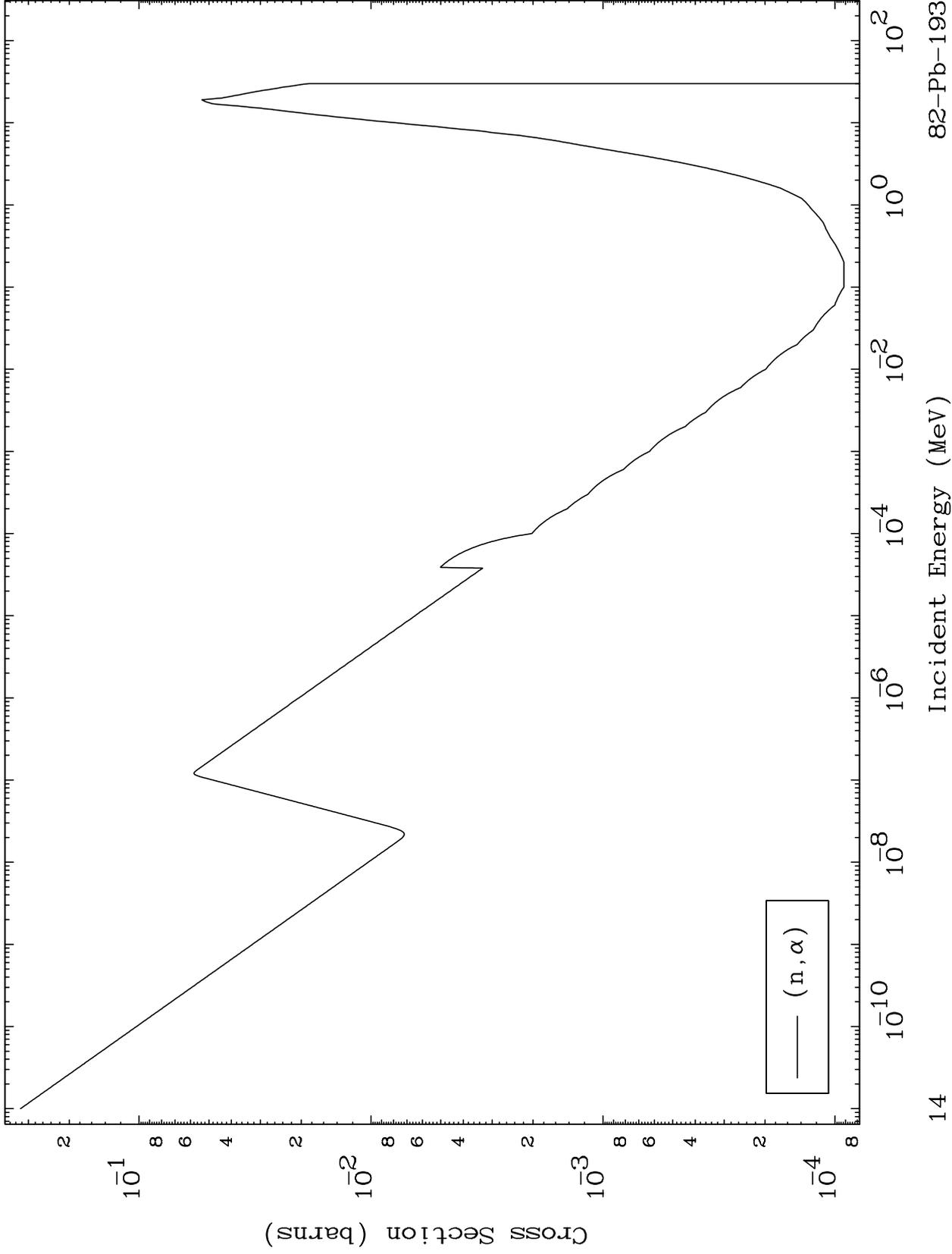
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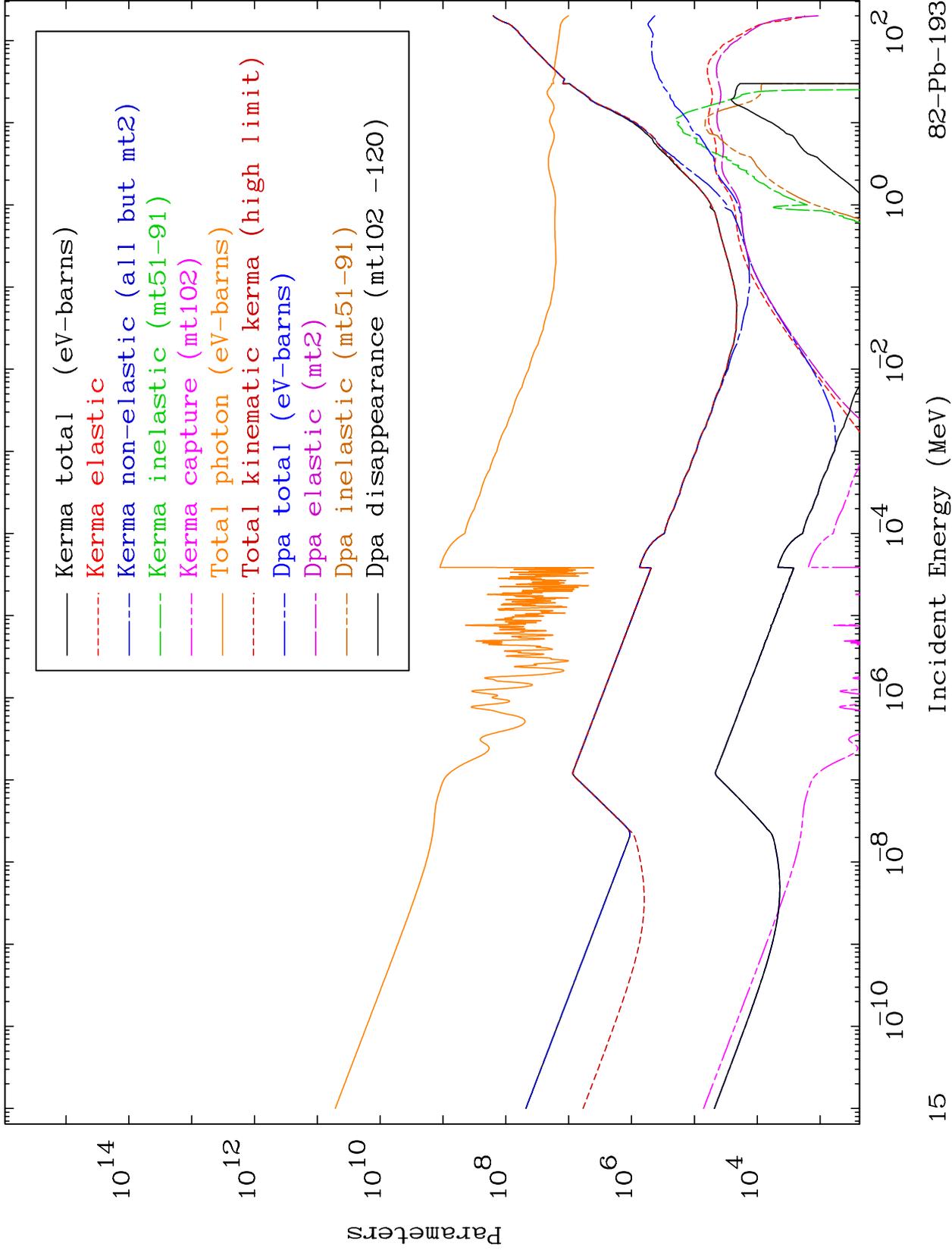


MAT 8192

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-193

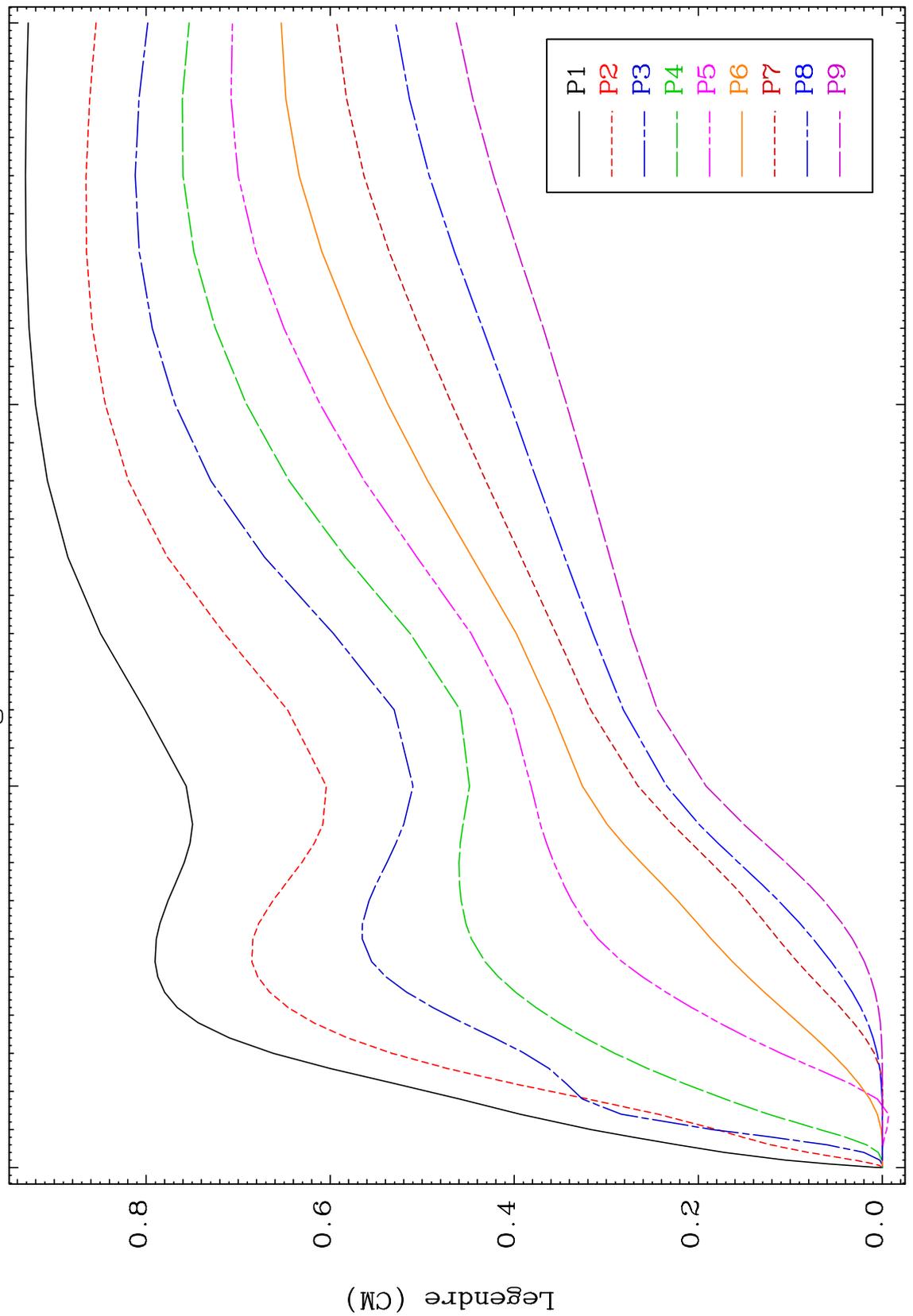




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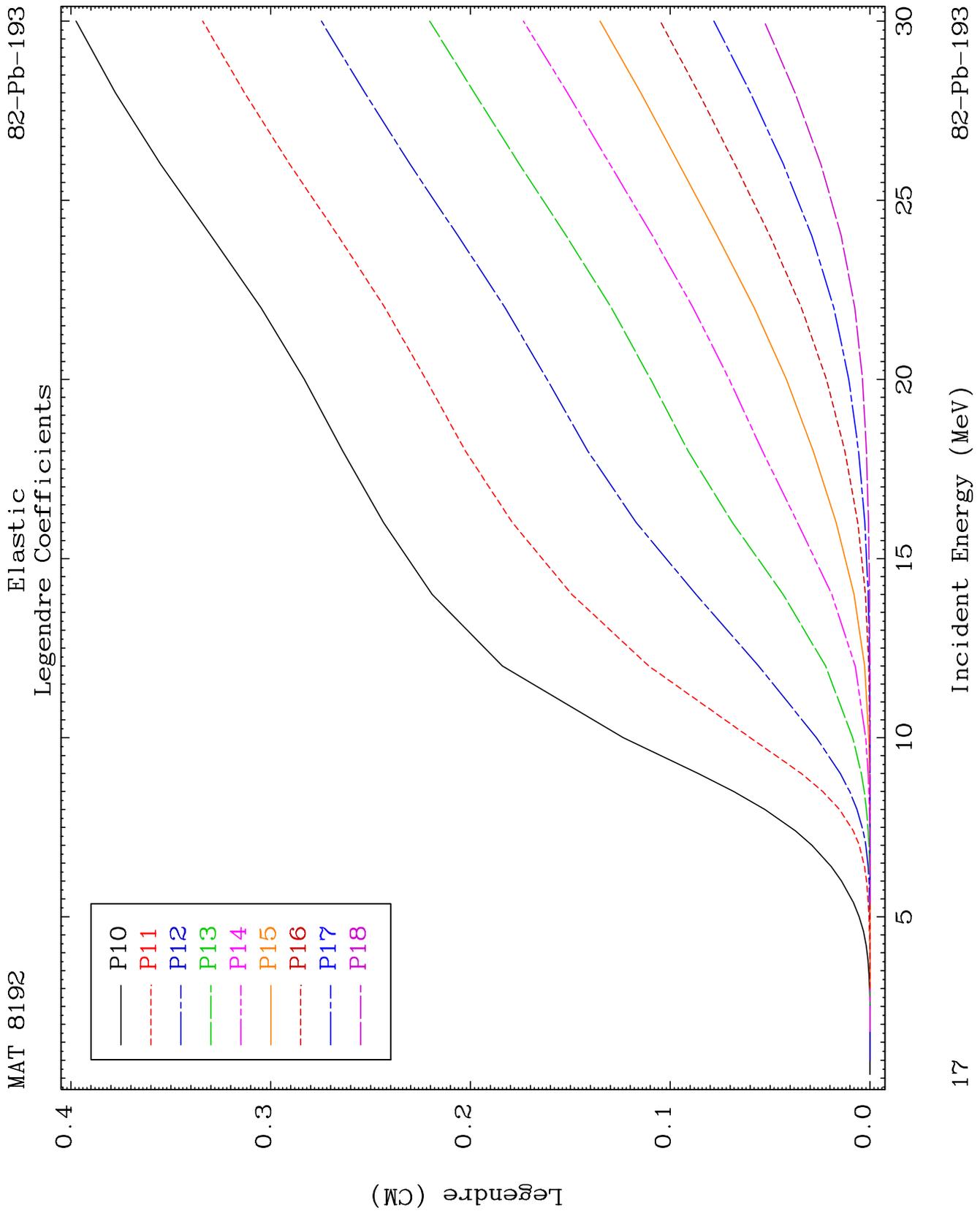
Elastic Legendre Coefficients



16

Incident Energy (MeV)

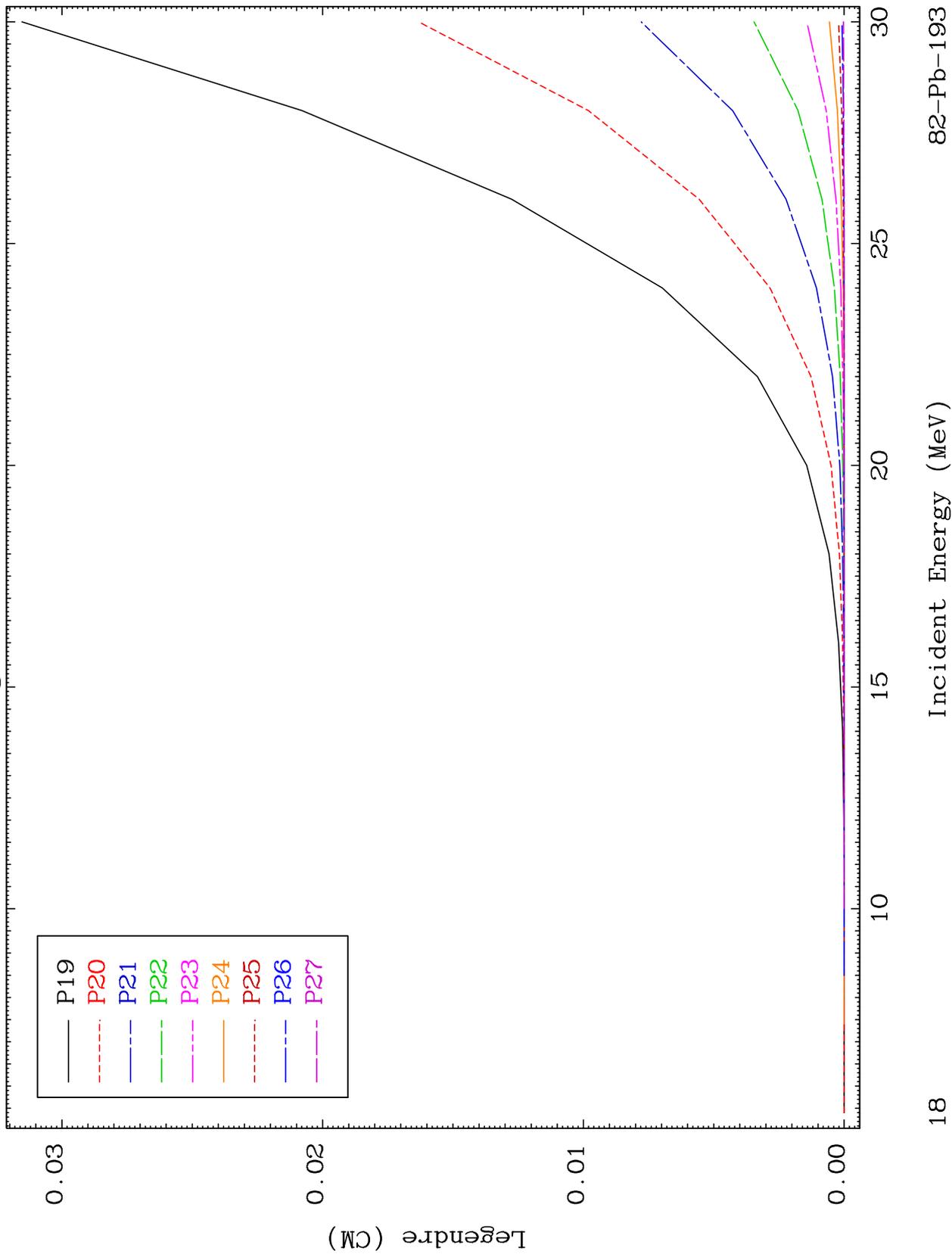
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MAT 8192

Elastic Legendre Coefficients

82-Pb-193



18

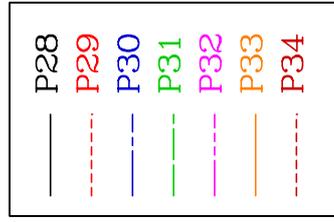
Incident Energy (MeV)

82-Pb-193

MAT 8192

Elastic
Legendre Coefficients

82-Pb-193



$\times 10^{-6}$

Legendre (CM)

10

15

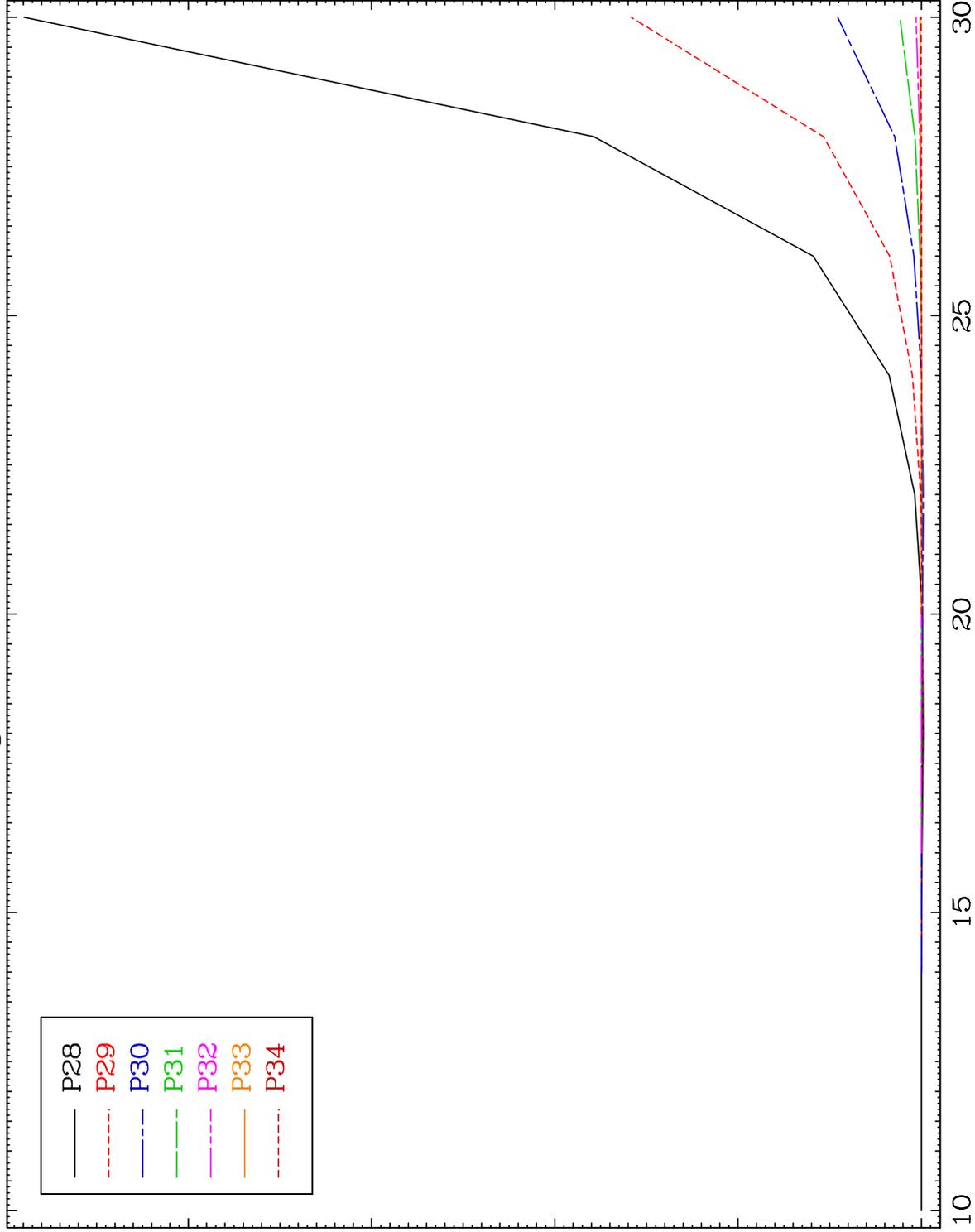
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25

30

Incident Energy (MeV)

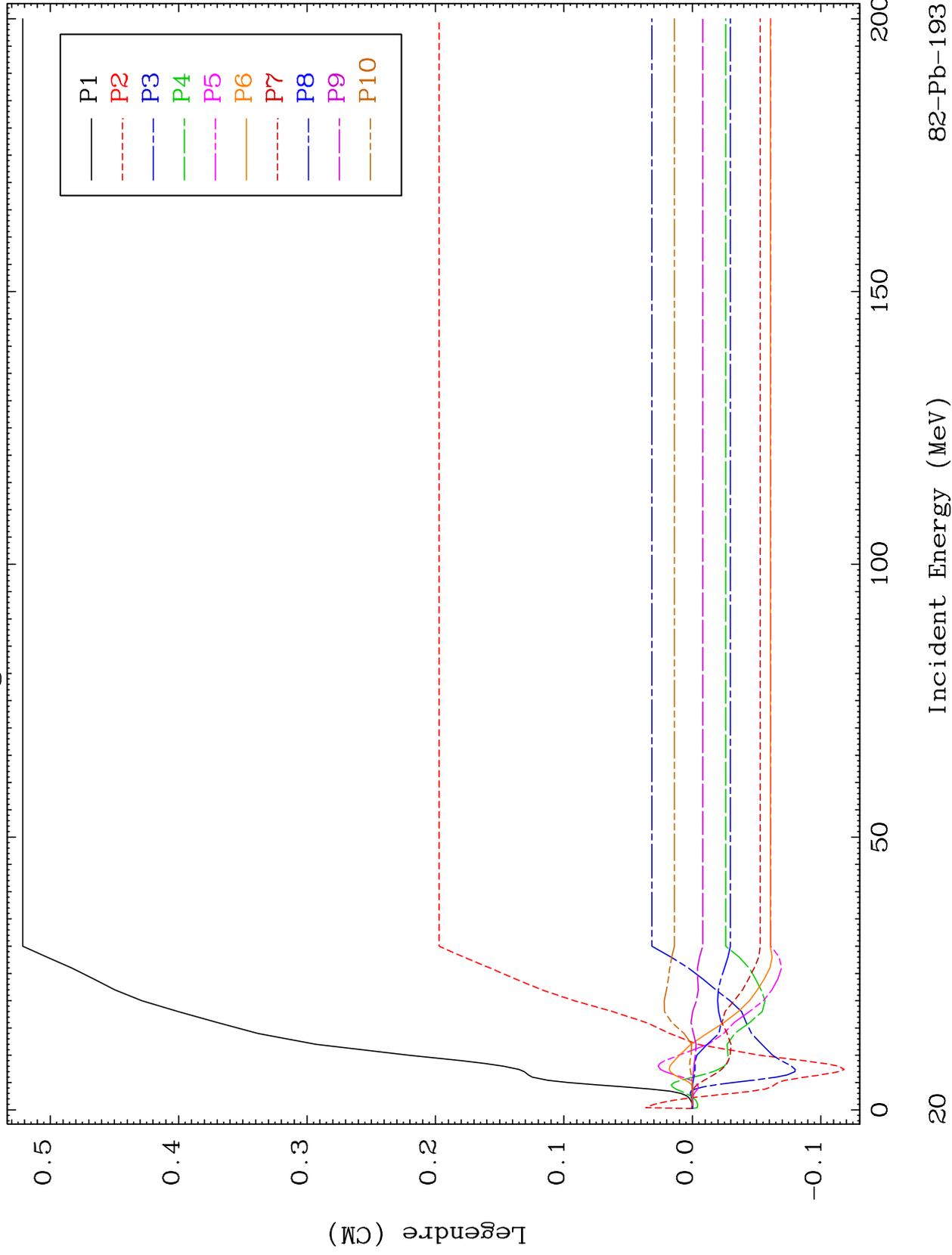
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MAT 8192

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

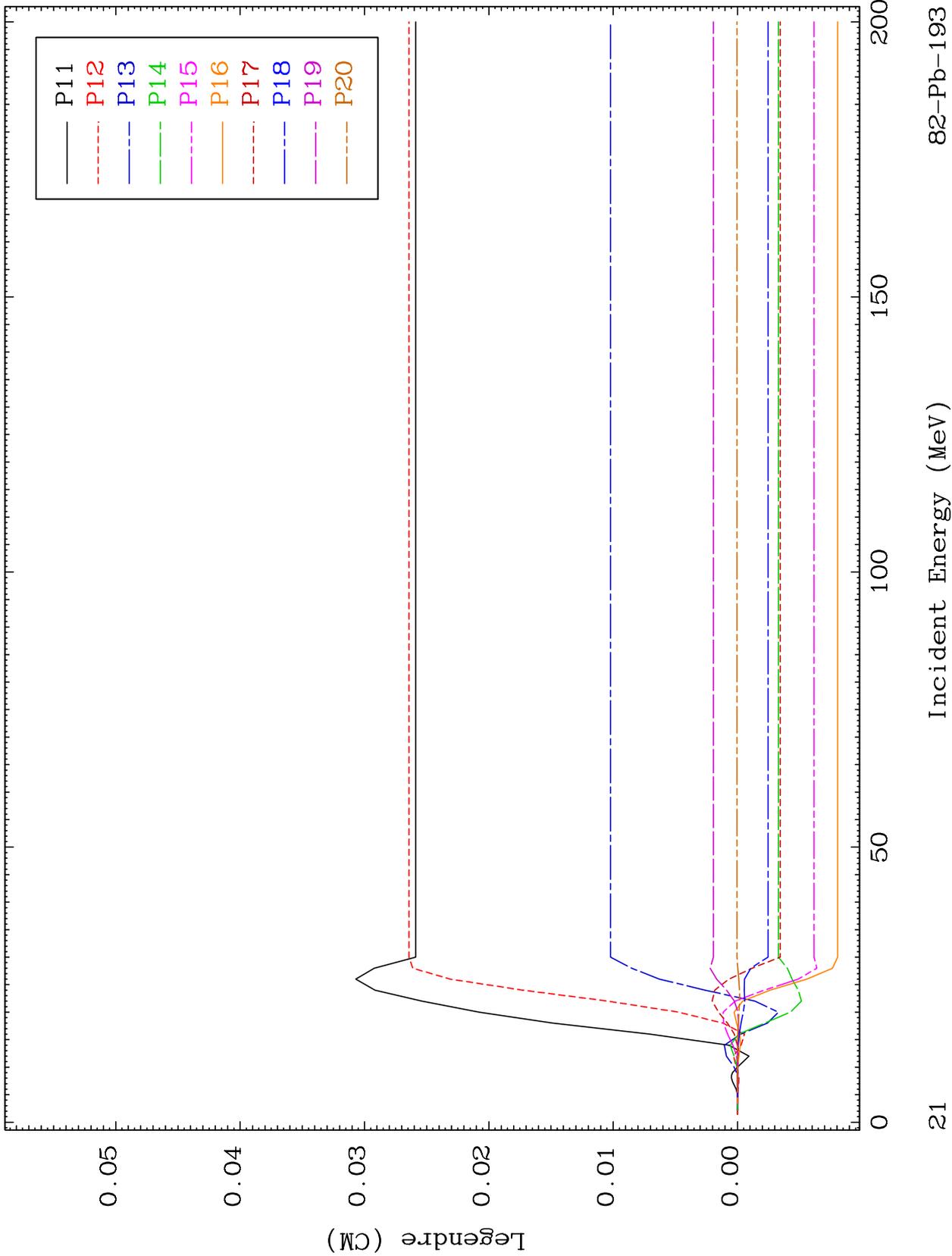
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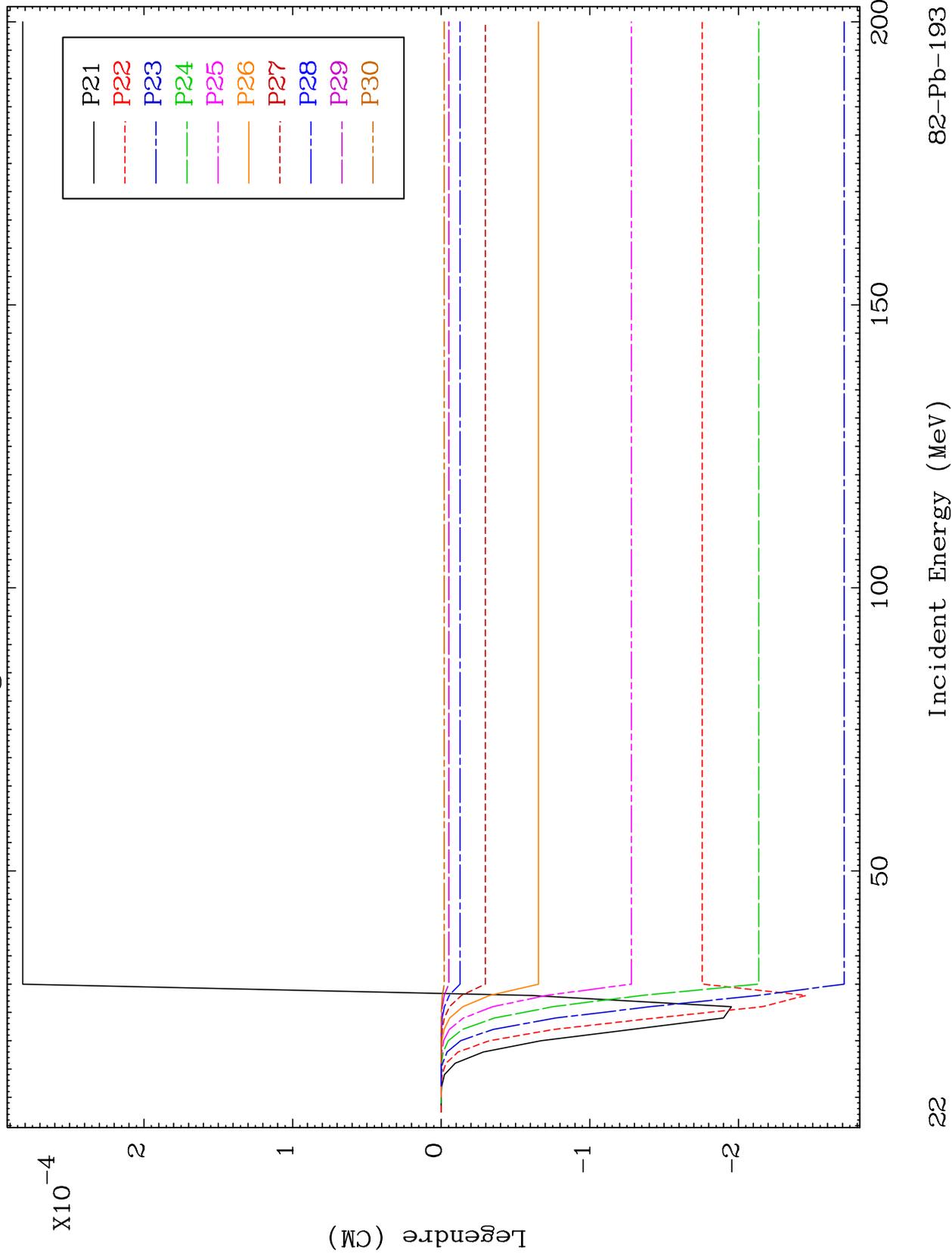


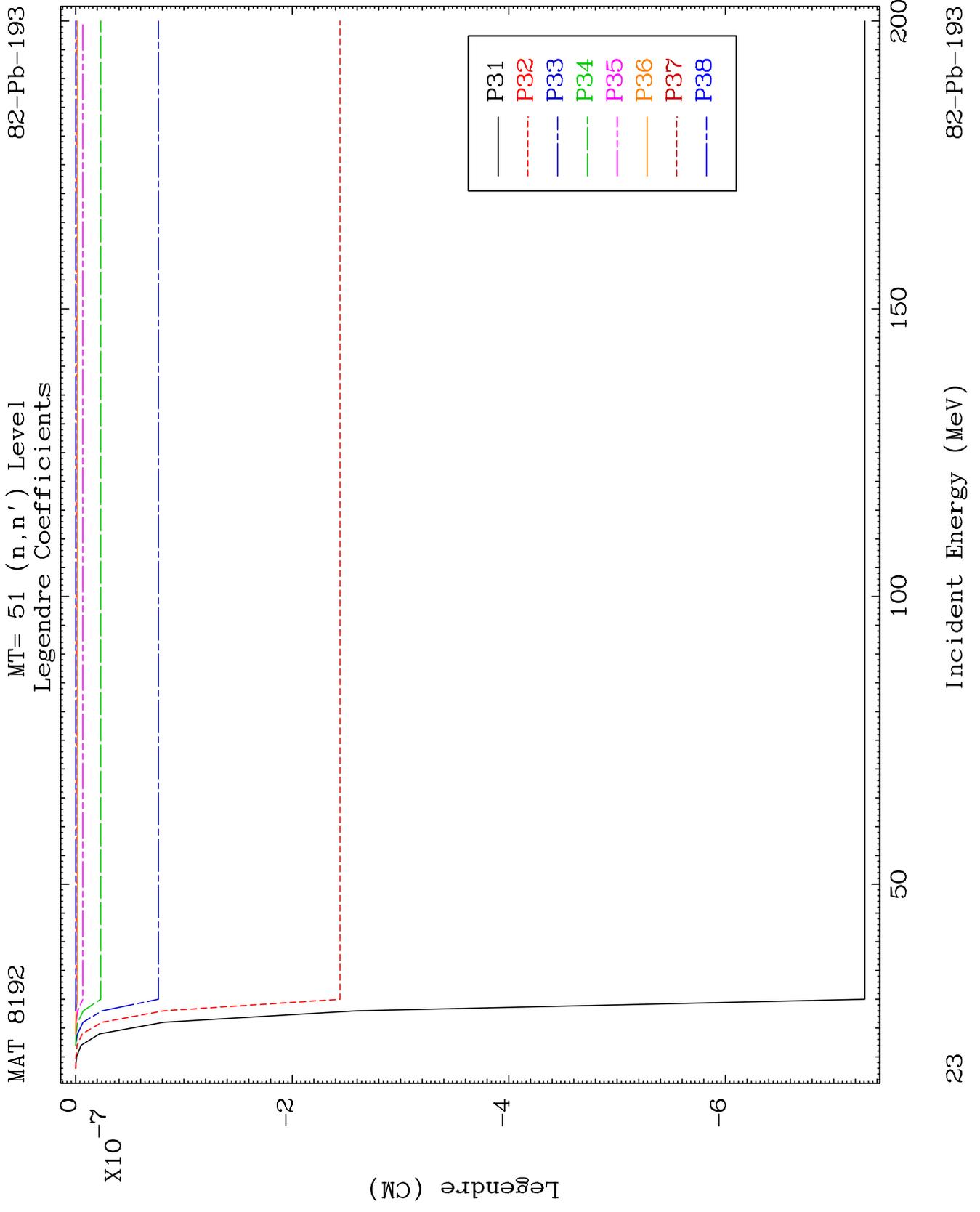
MAT 8192

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

82-Pb-193



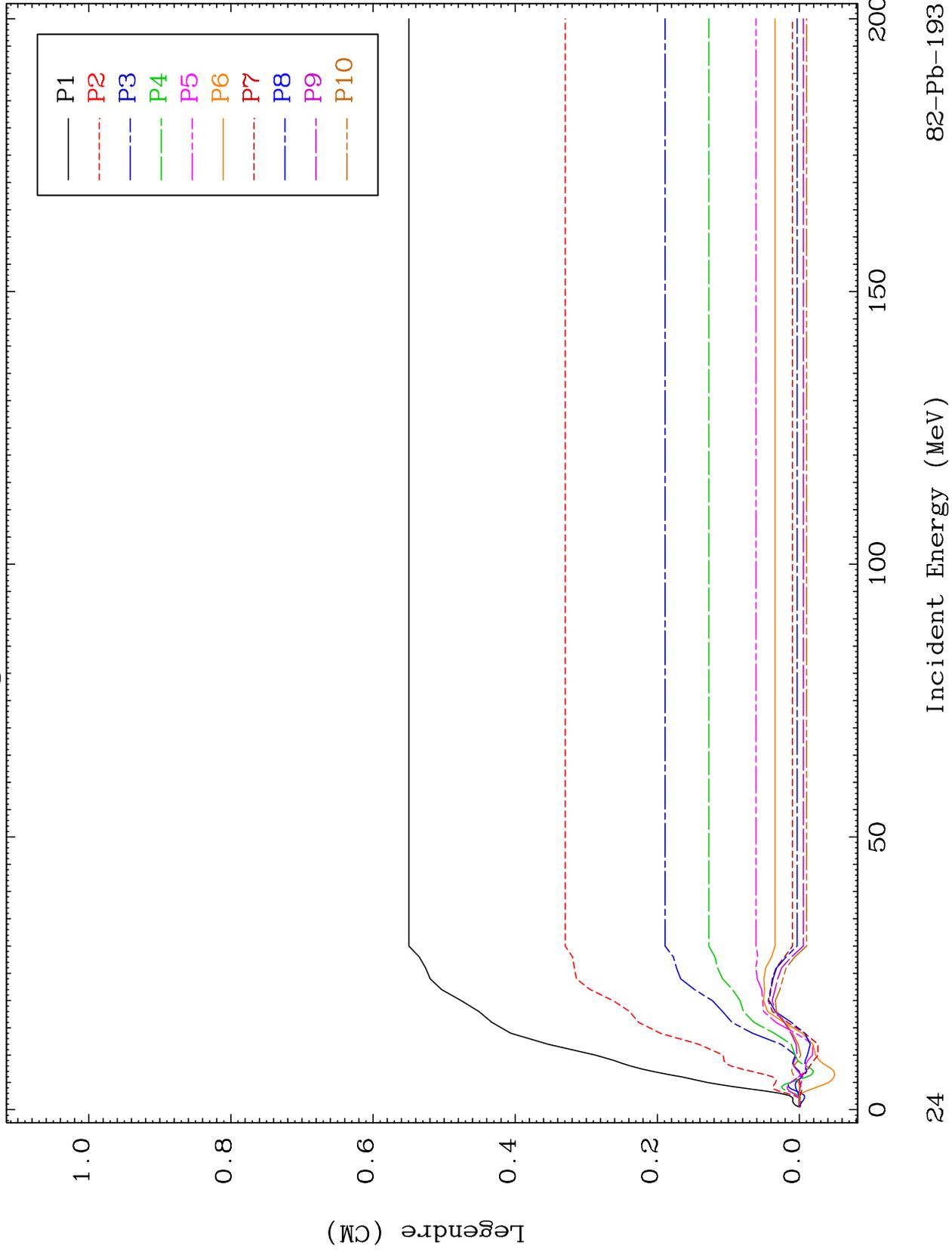




MAT 8192

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

82-Pb-193



82-Pb-193

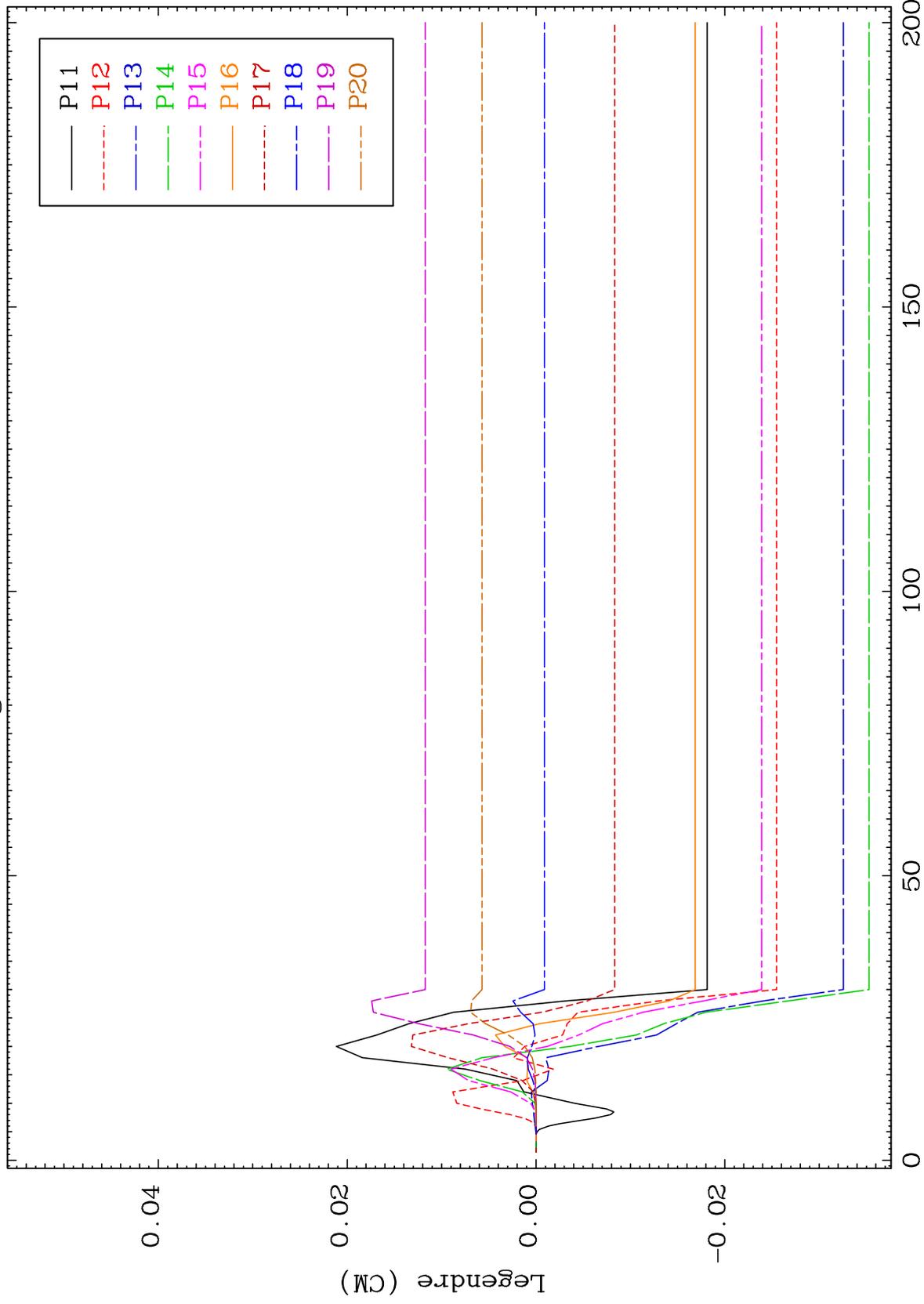
Incident Energy (MeV)

24

MAT 8192

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

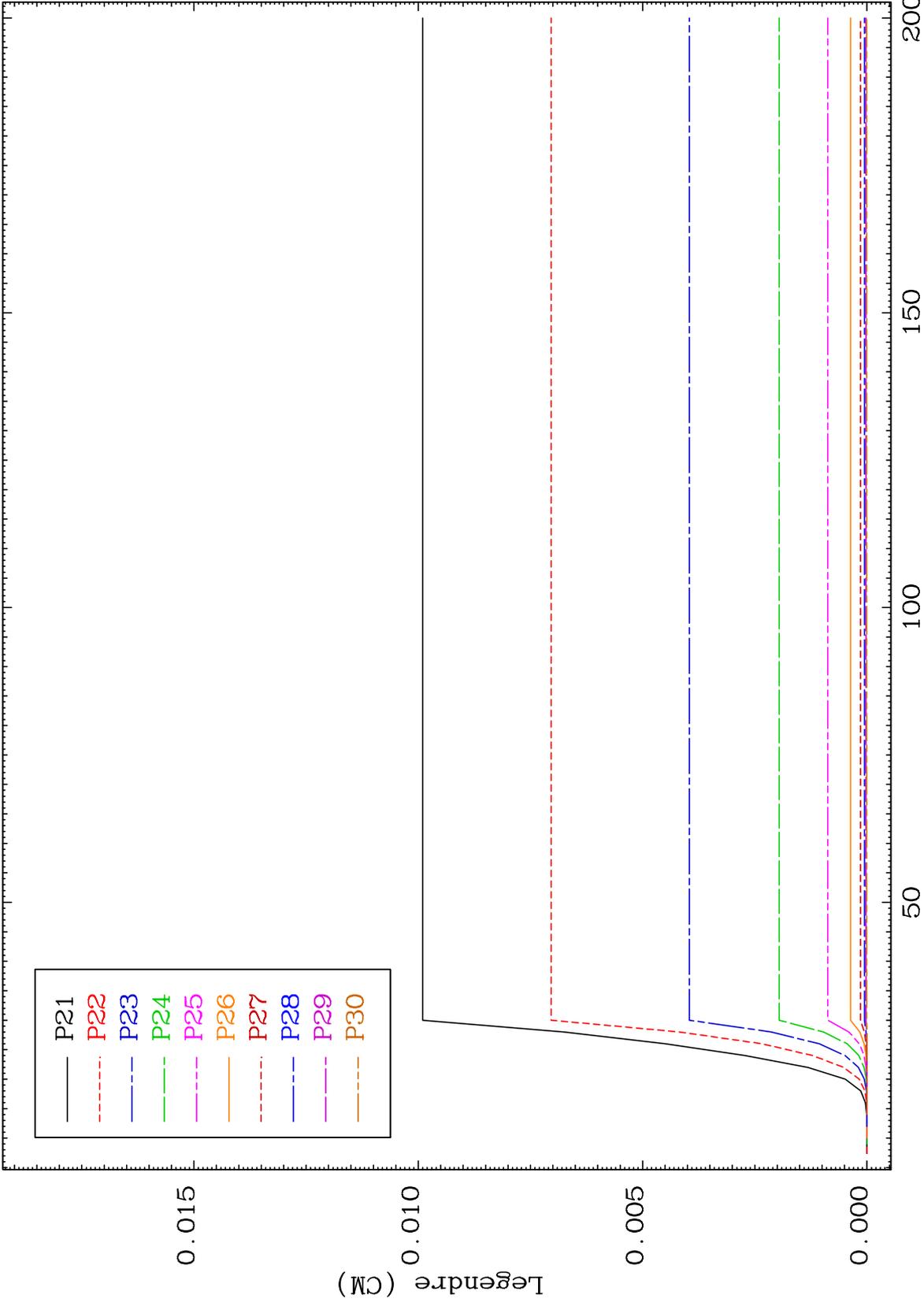
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25

Incident Energy (MeV)

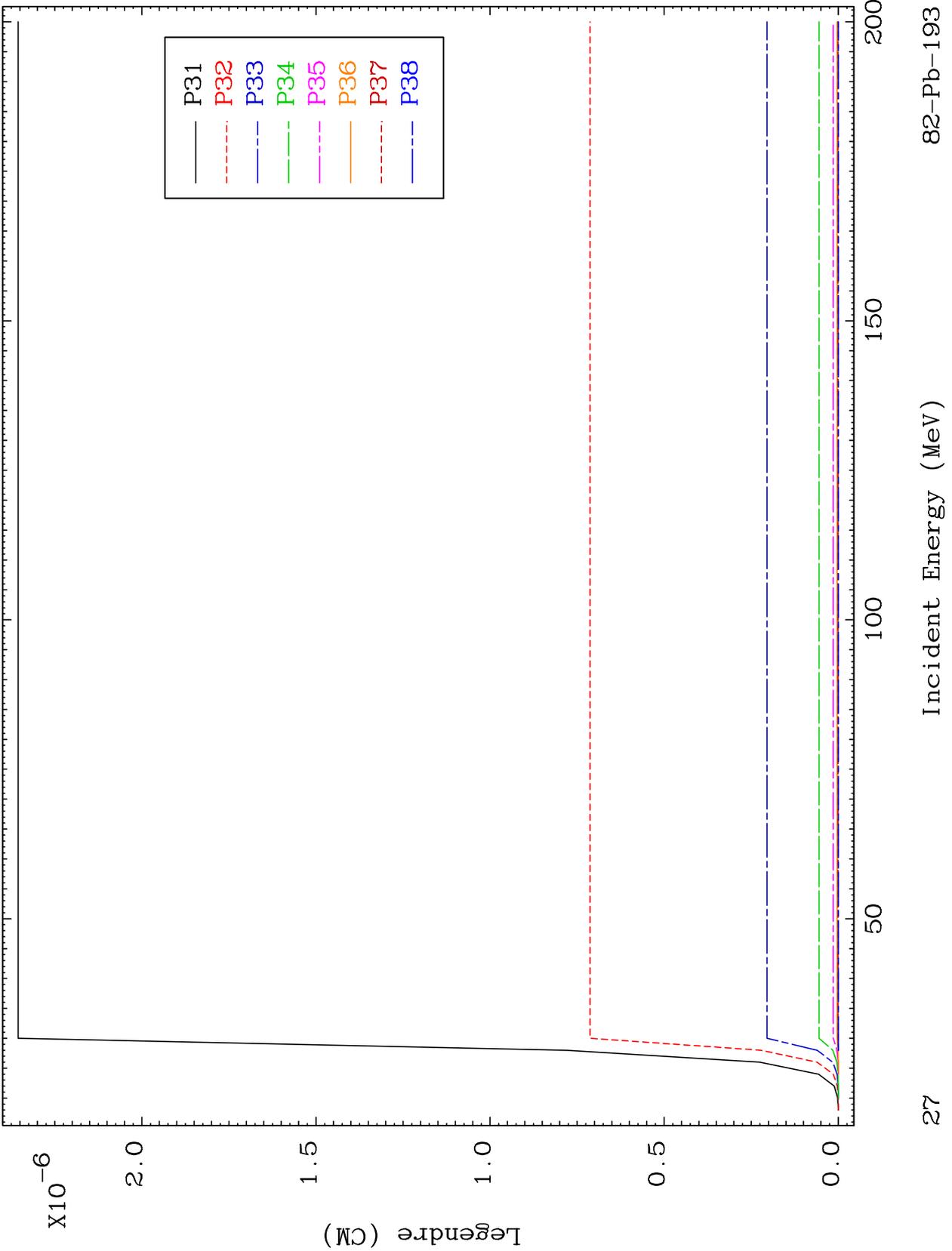
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MAT 8192

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

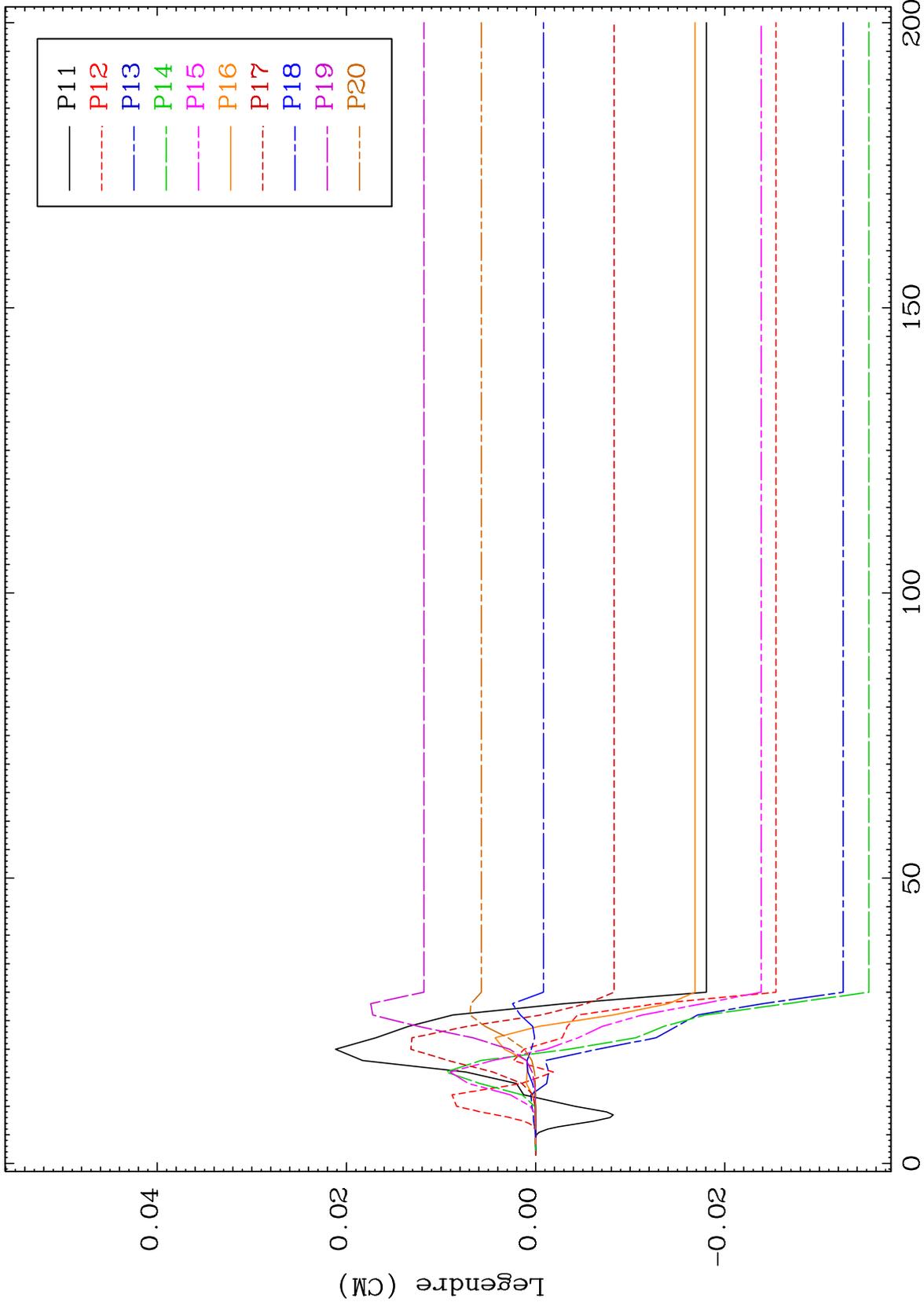
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MAT 8192

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

82-Pb-193



29

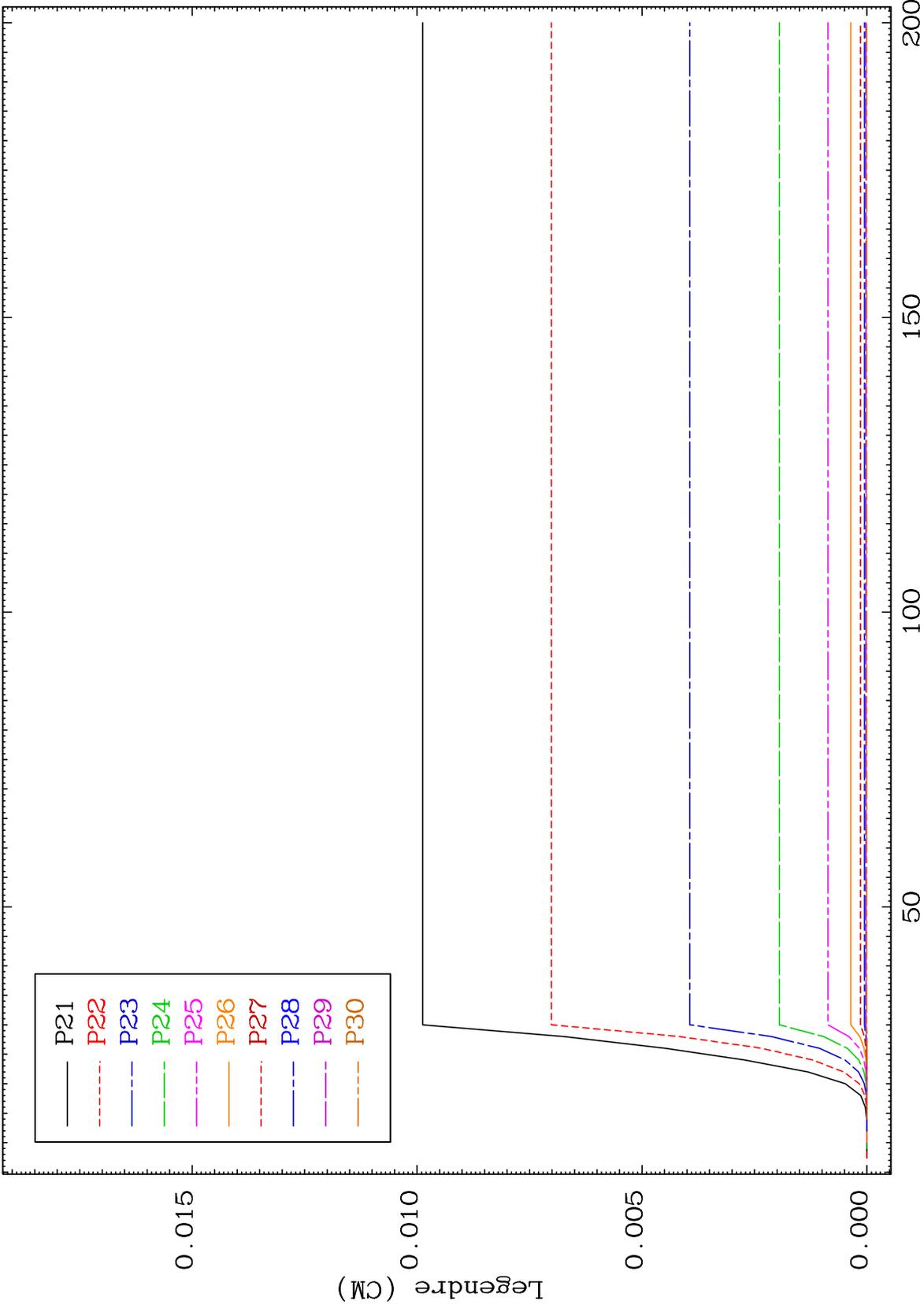
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



30

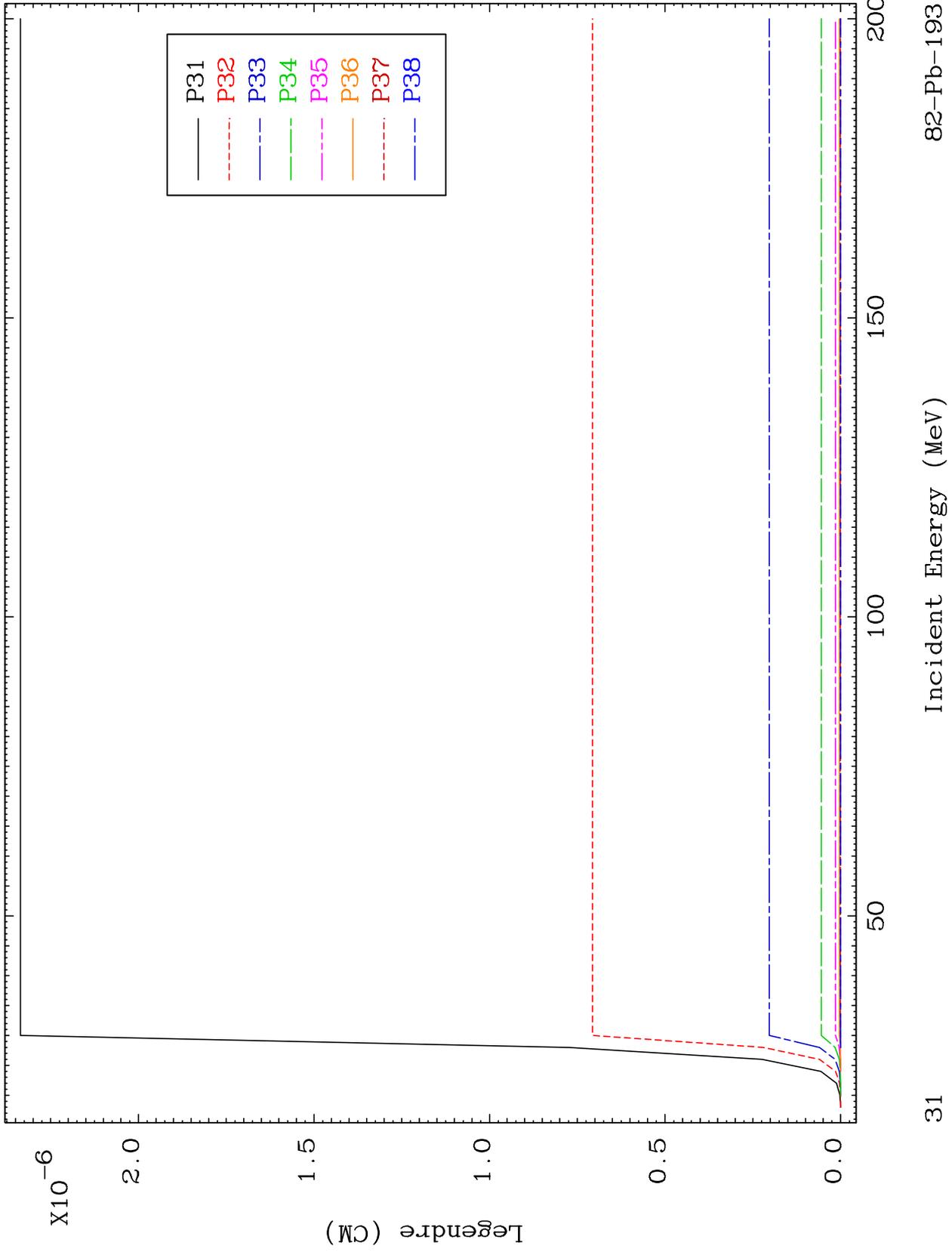
Incident Energy (MeV)

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MAT 8192

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

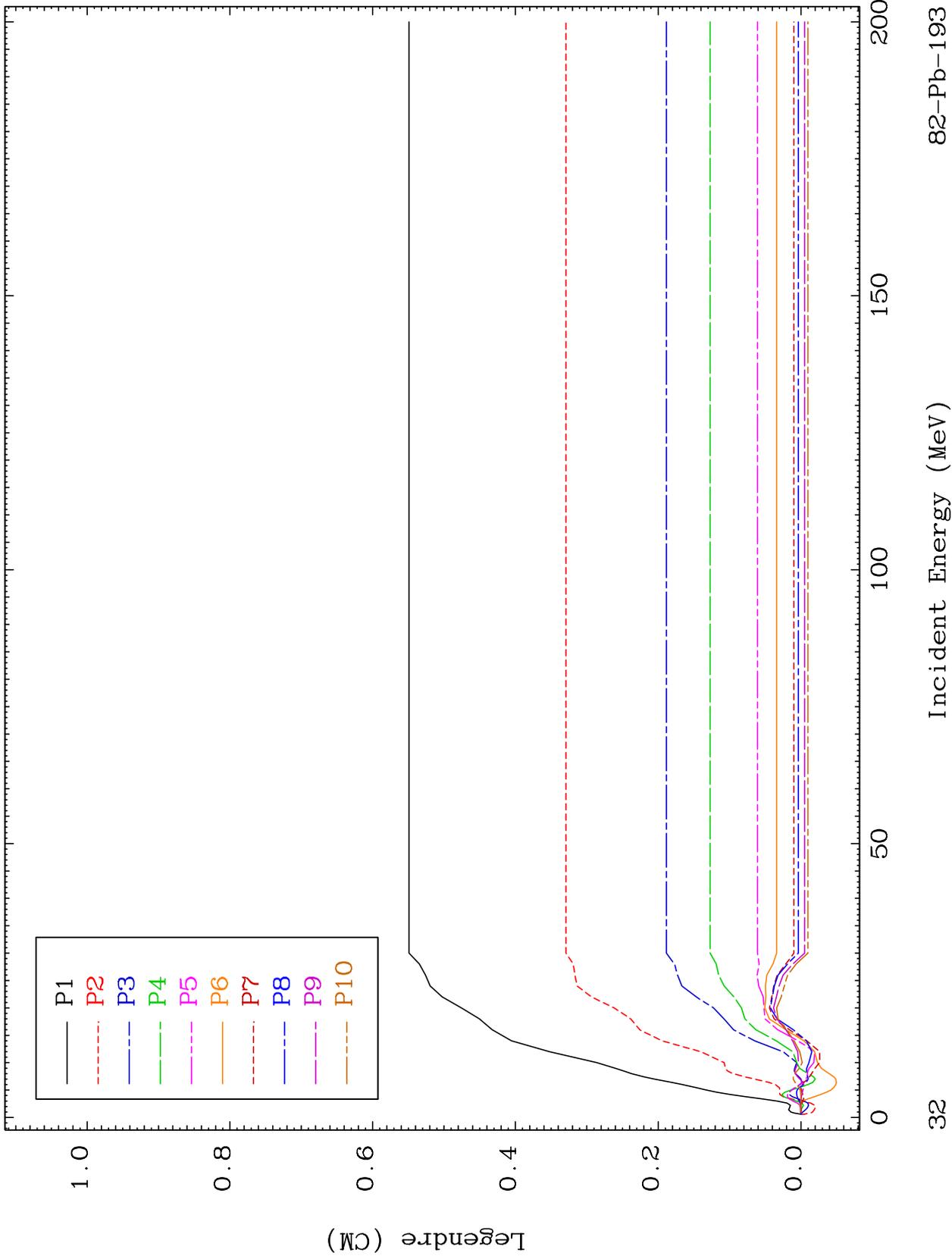
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

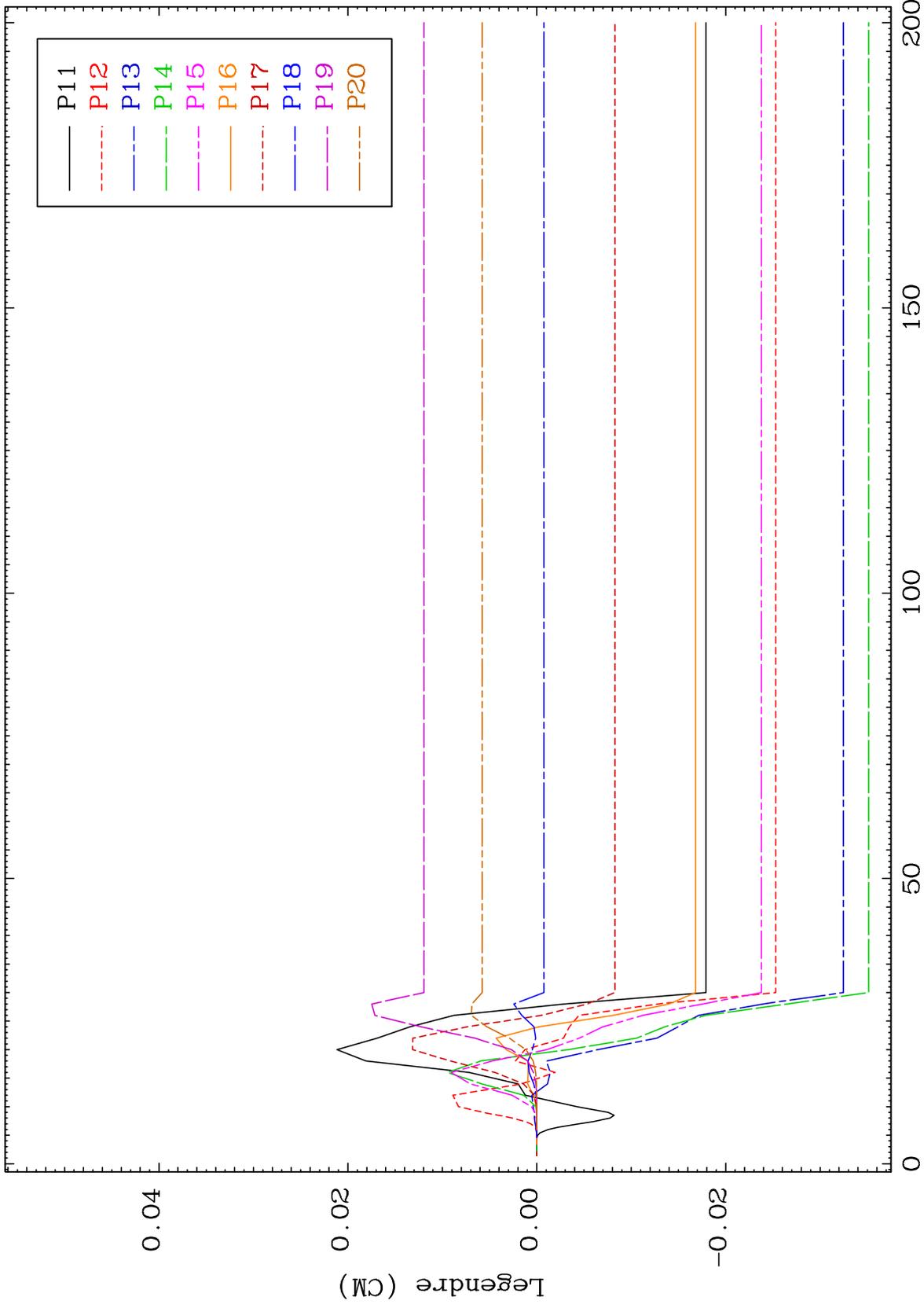
Incident Energy (MeV)

32

MAT 8192

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

82-Pb-193



33

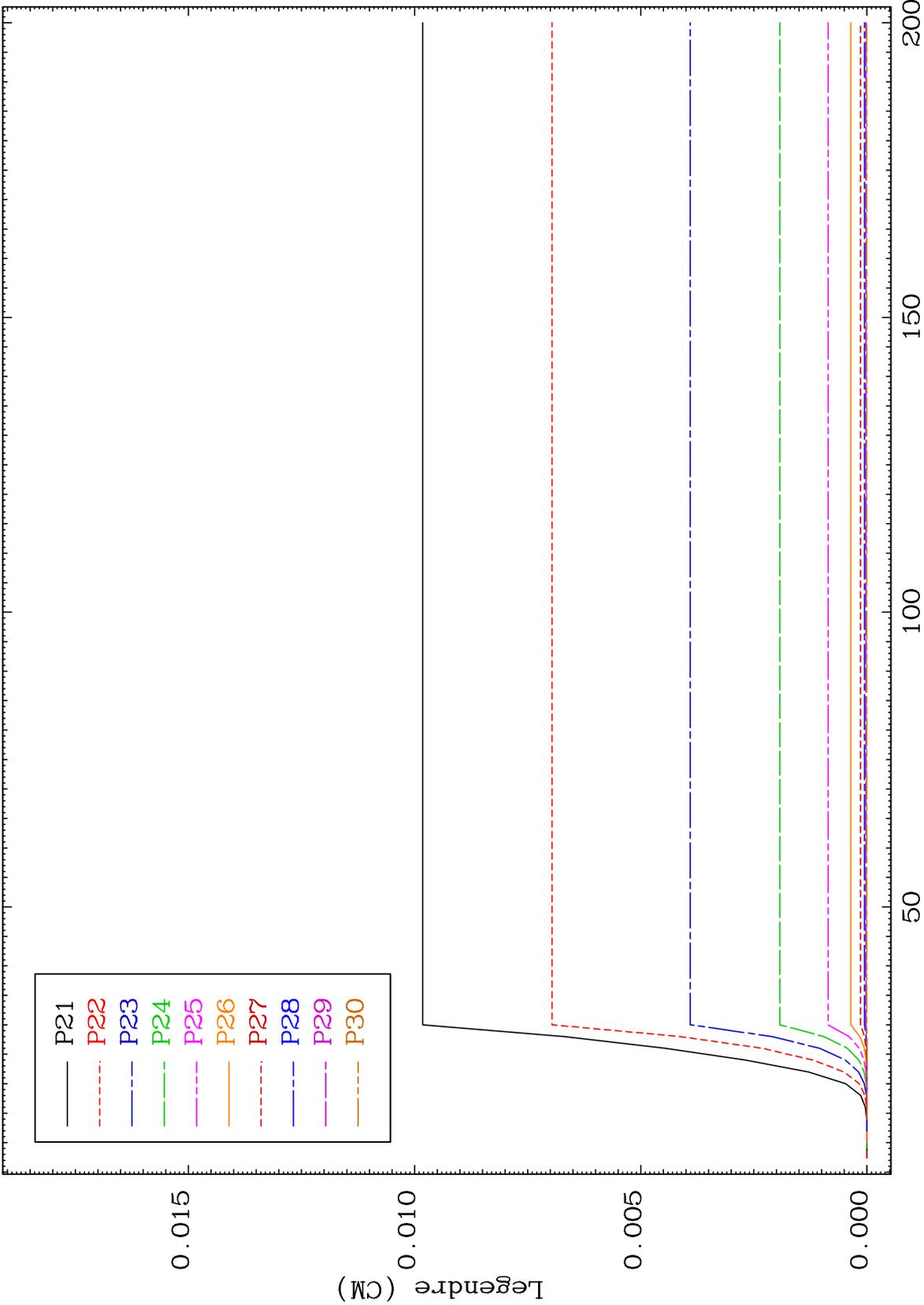
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



34

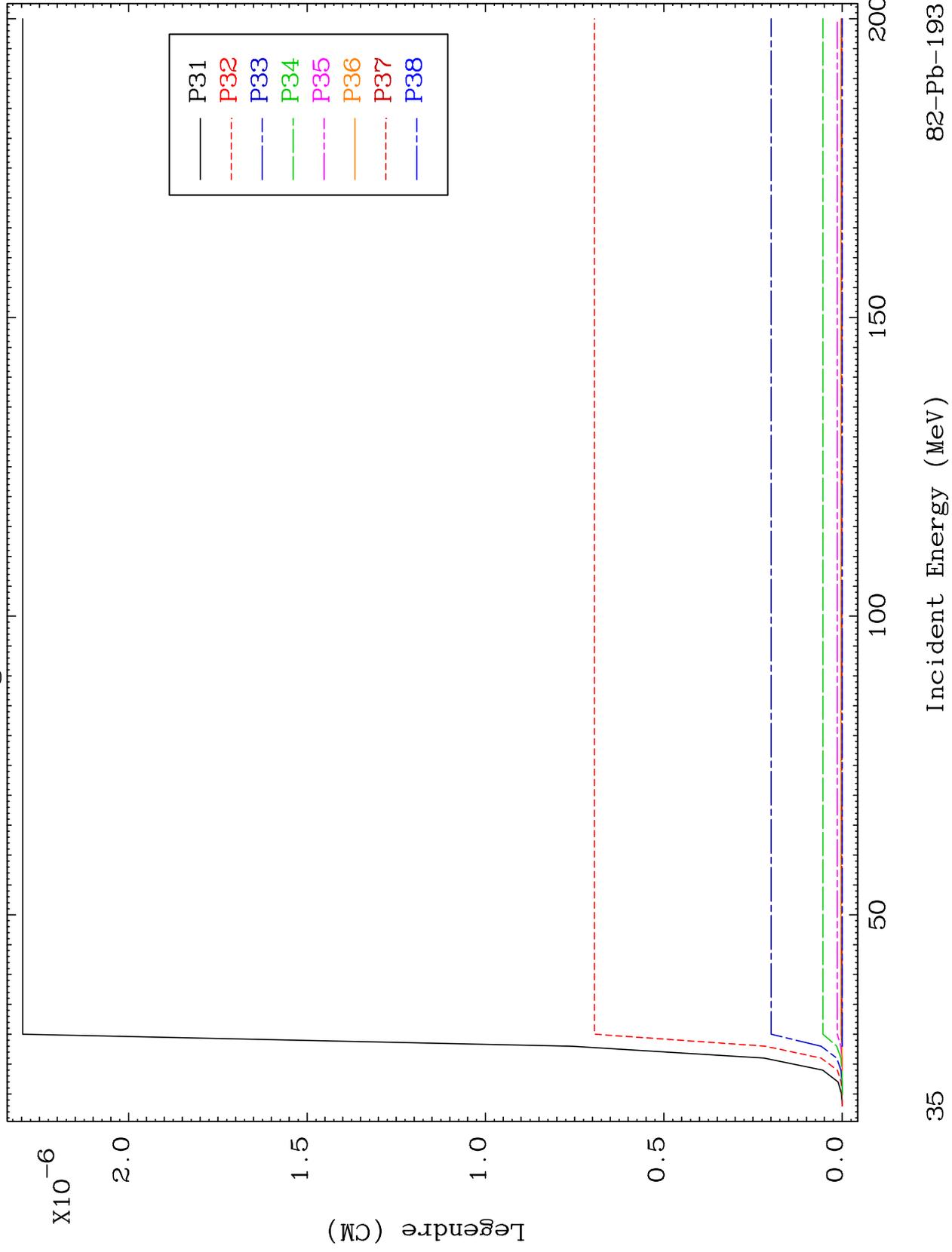
Incident Energy (MeV)

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MAT 8192

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

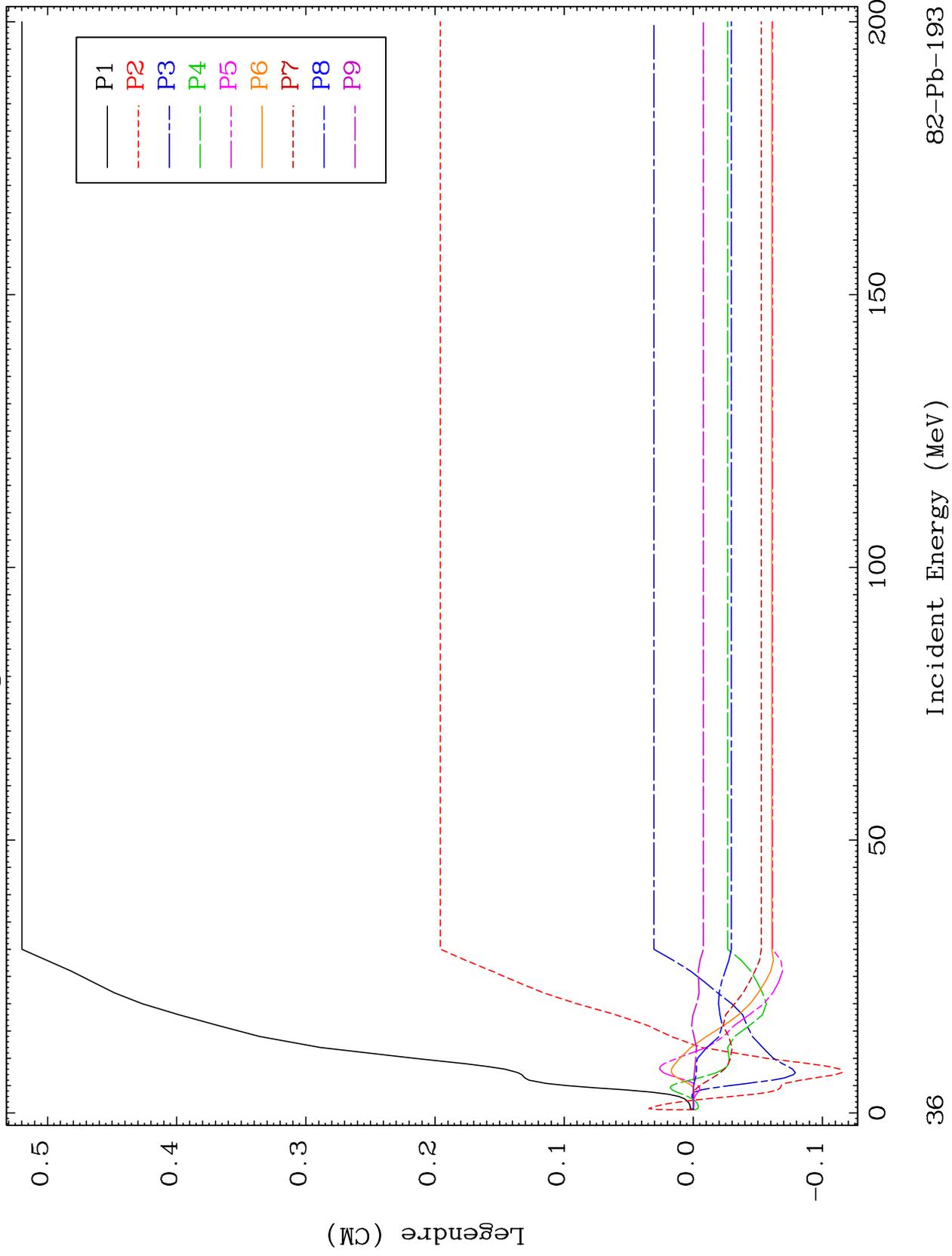
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

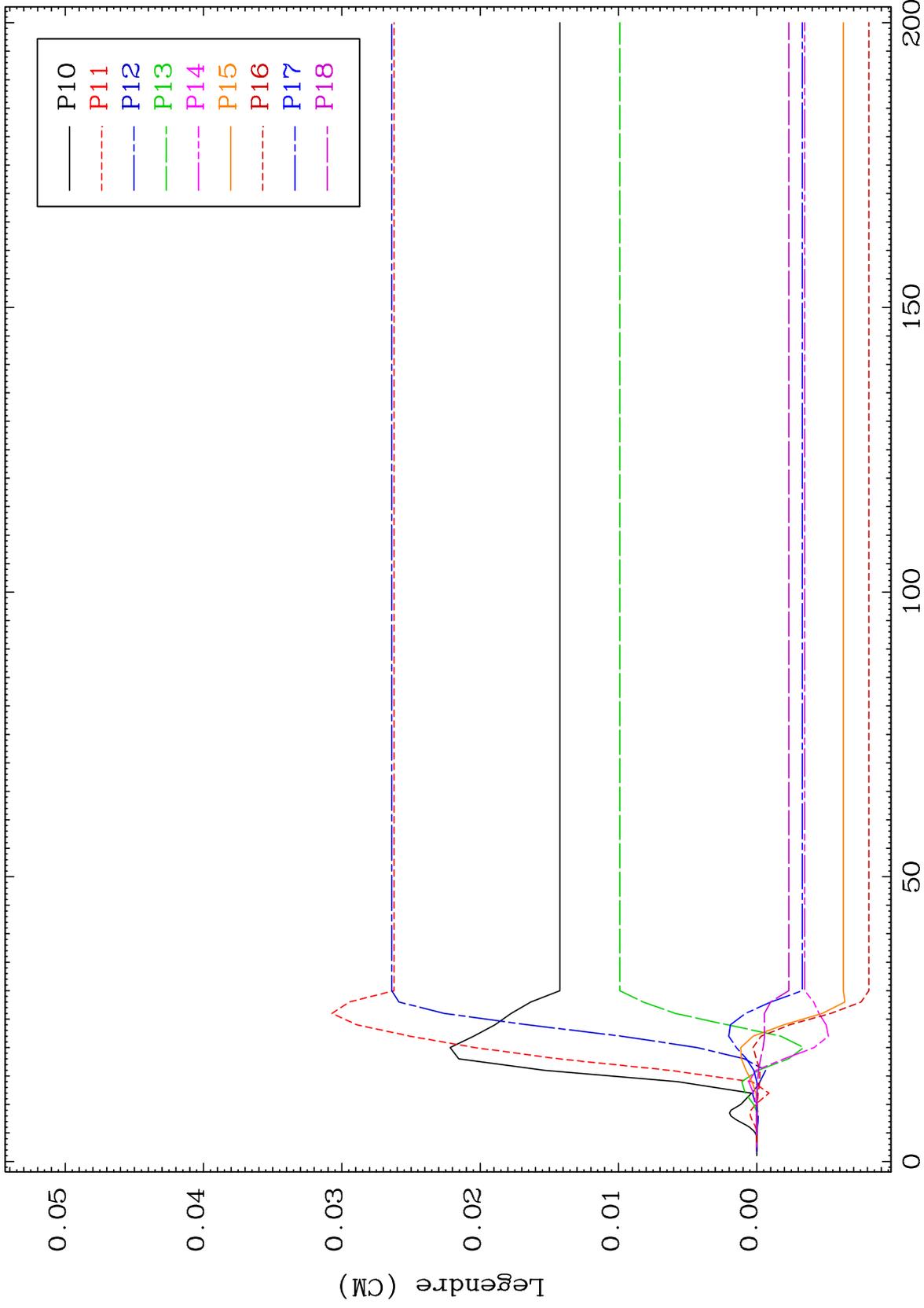
Incident Energy (MeV)

36

MAT 8192

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

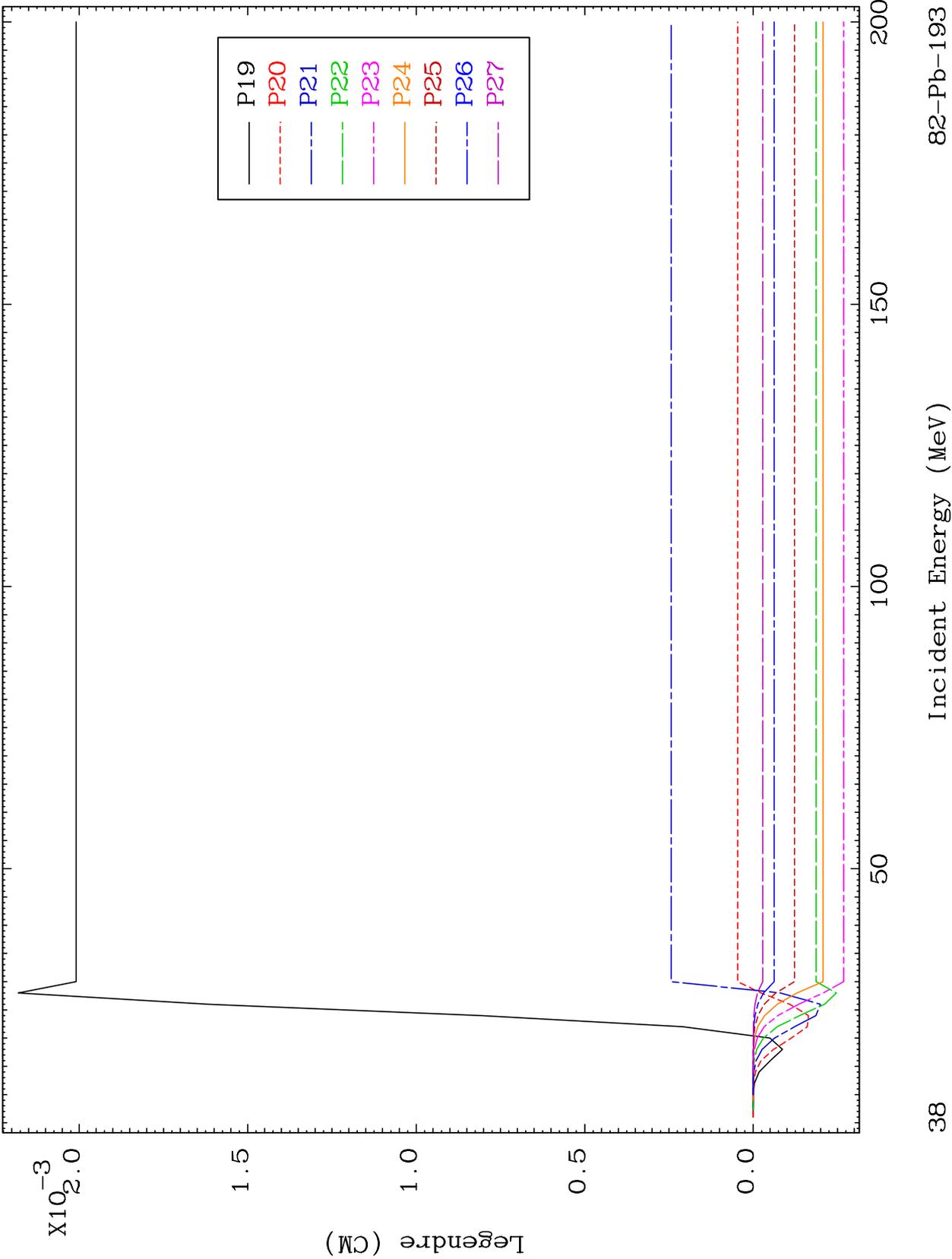
82-Pb-193



37

Incident Energy (MeV)

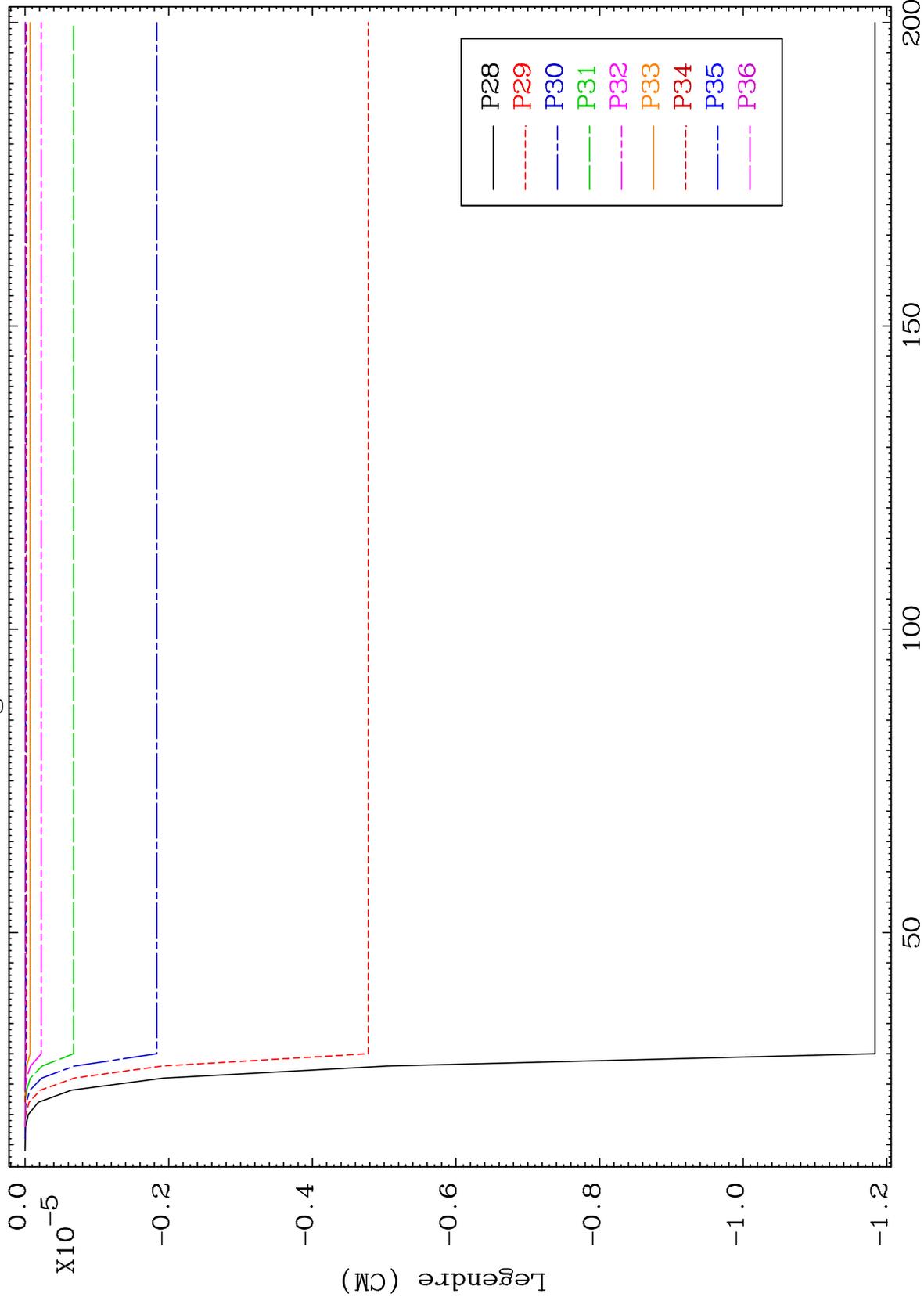
82-Pb-193



MAT 8192

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

82-Pb-193



39

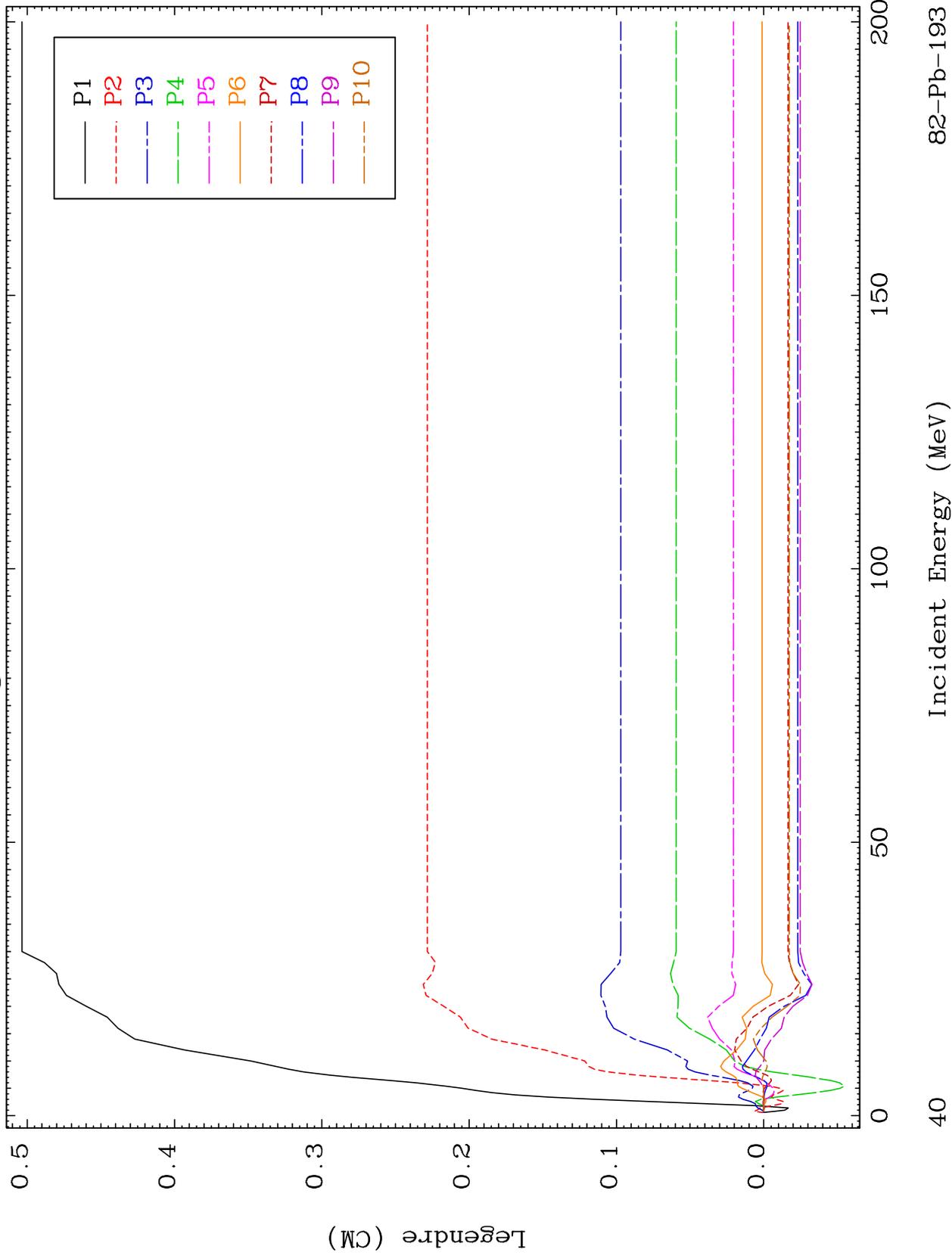
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

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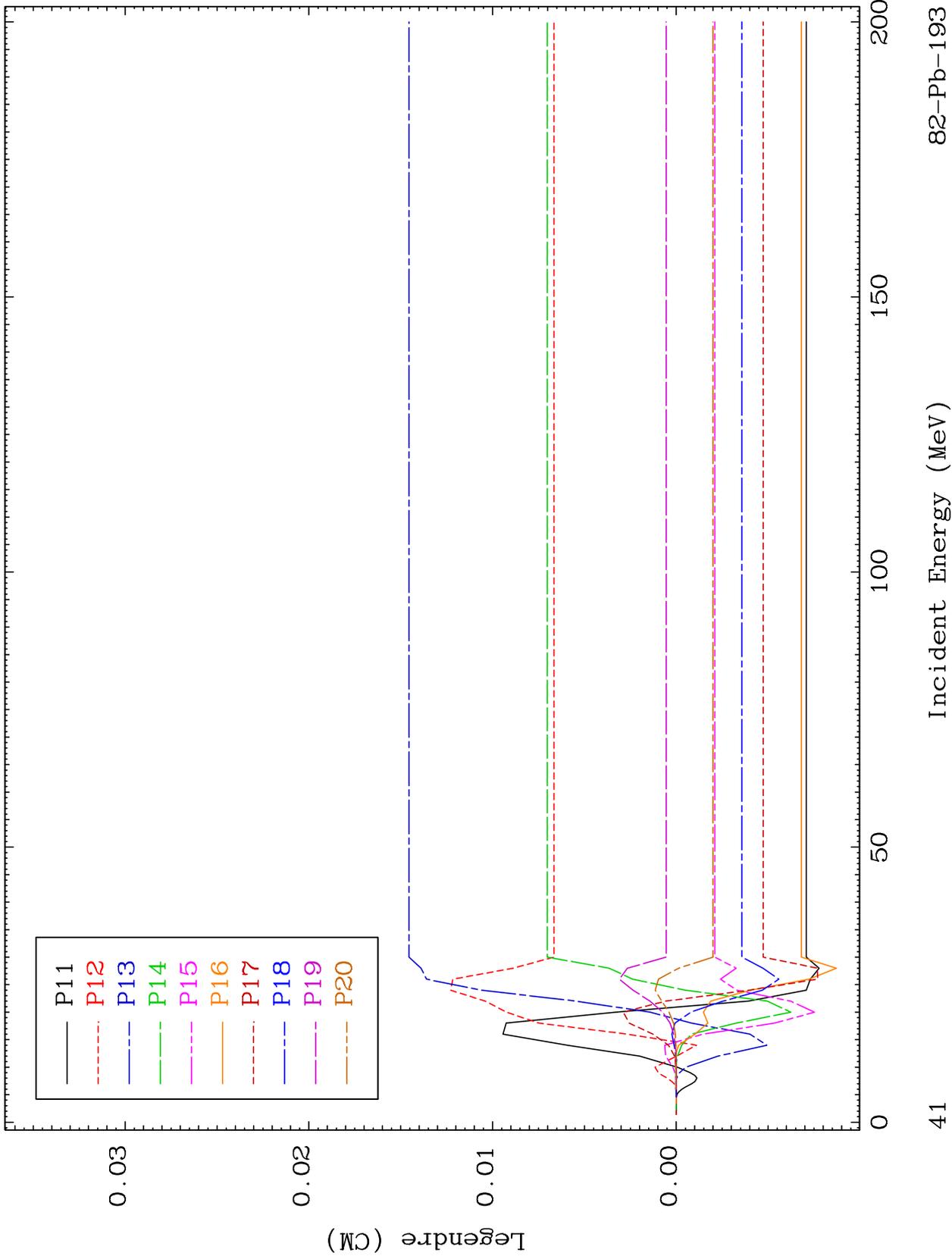


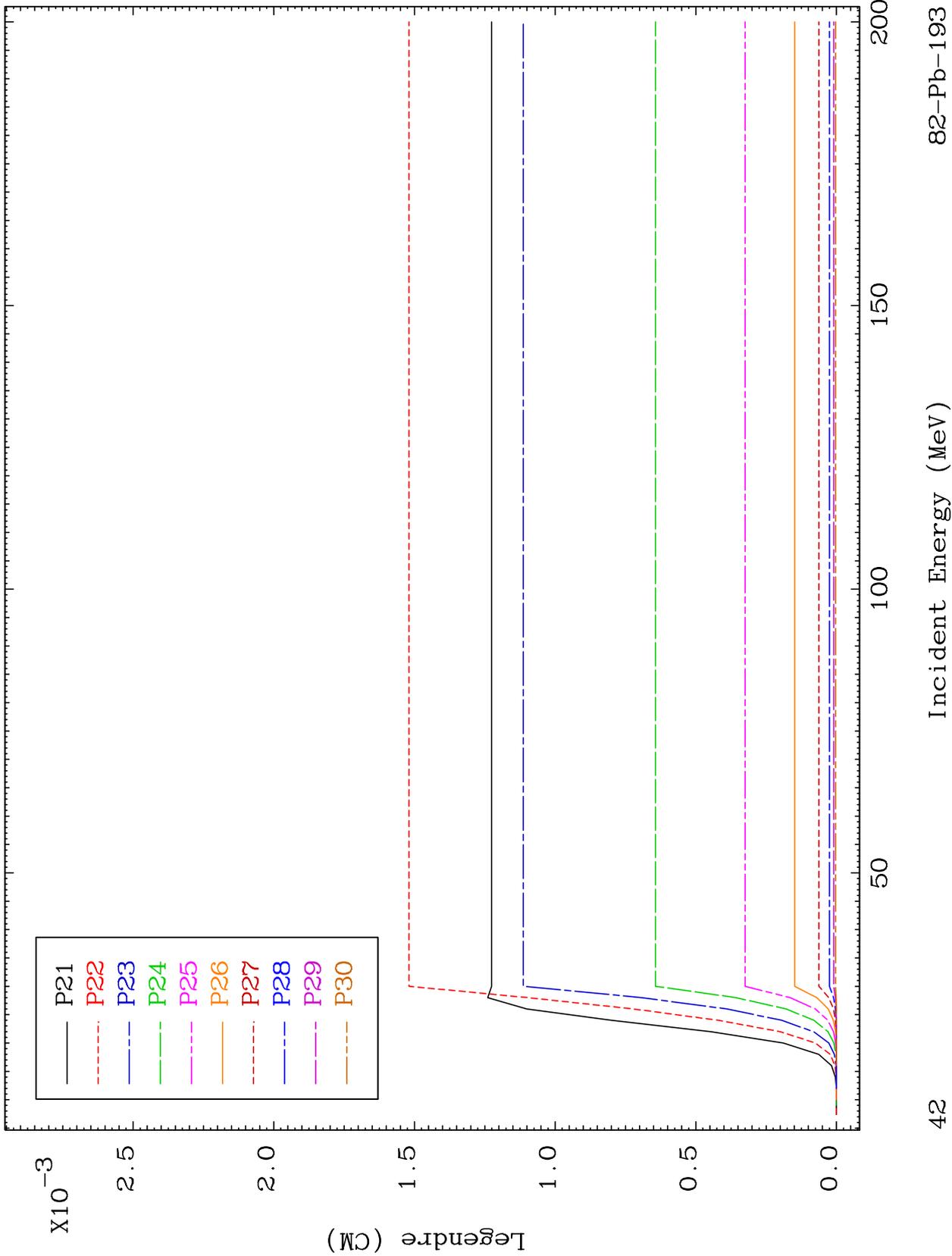
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MAT 8192

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

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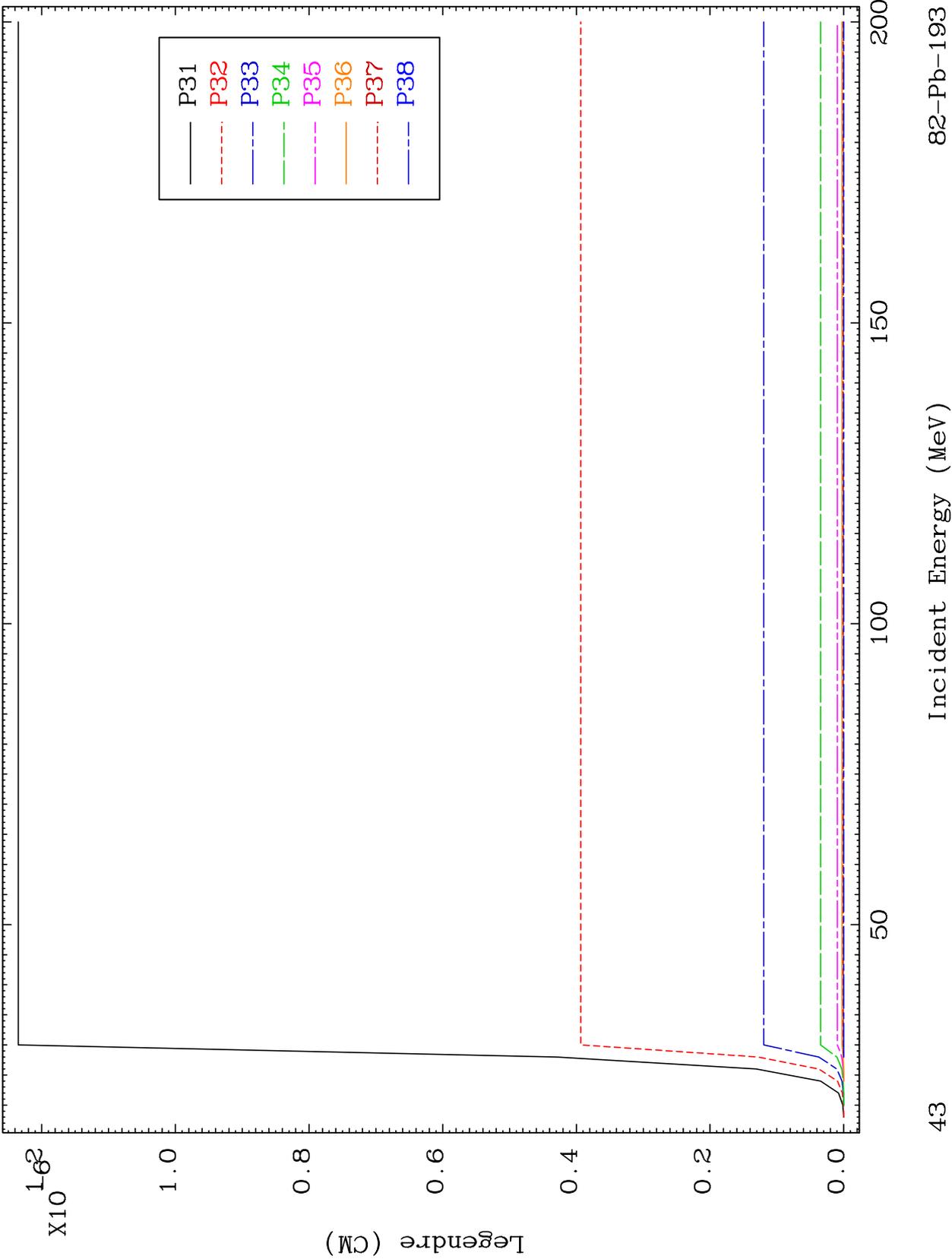




MAT 8192

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

82-Pb-193



43

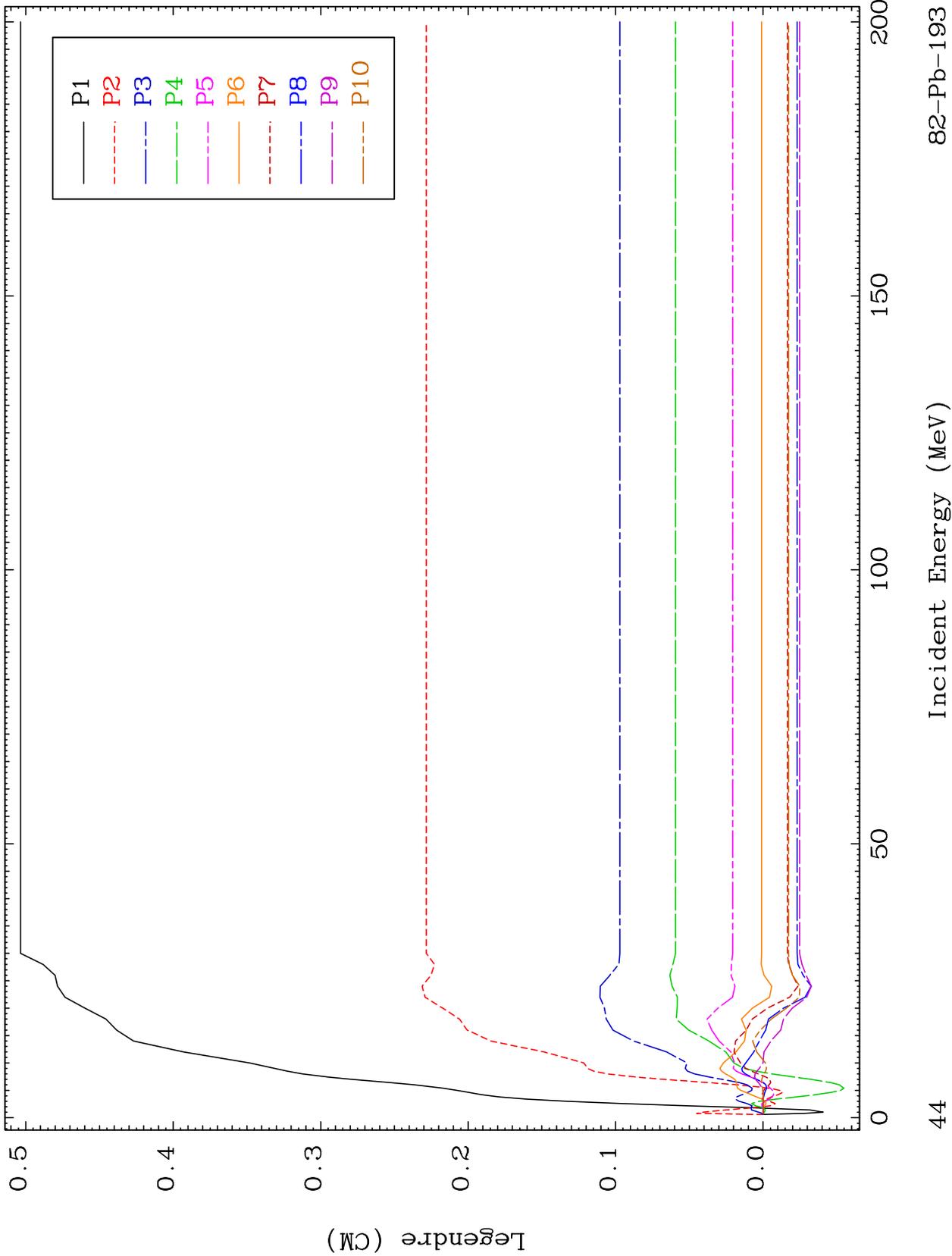
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



44

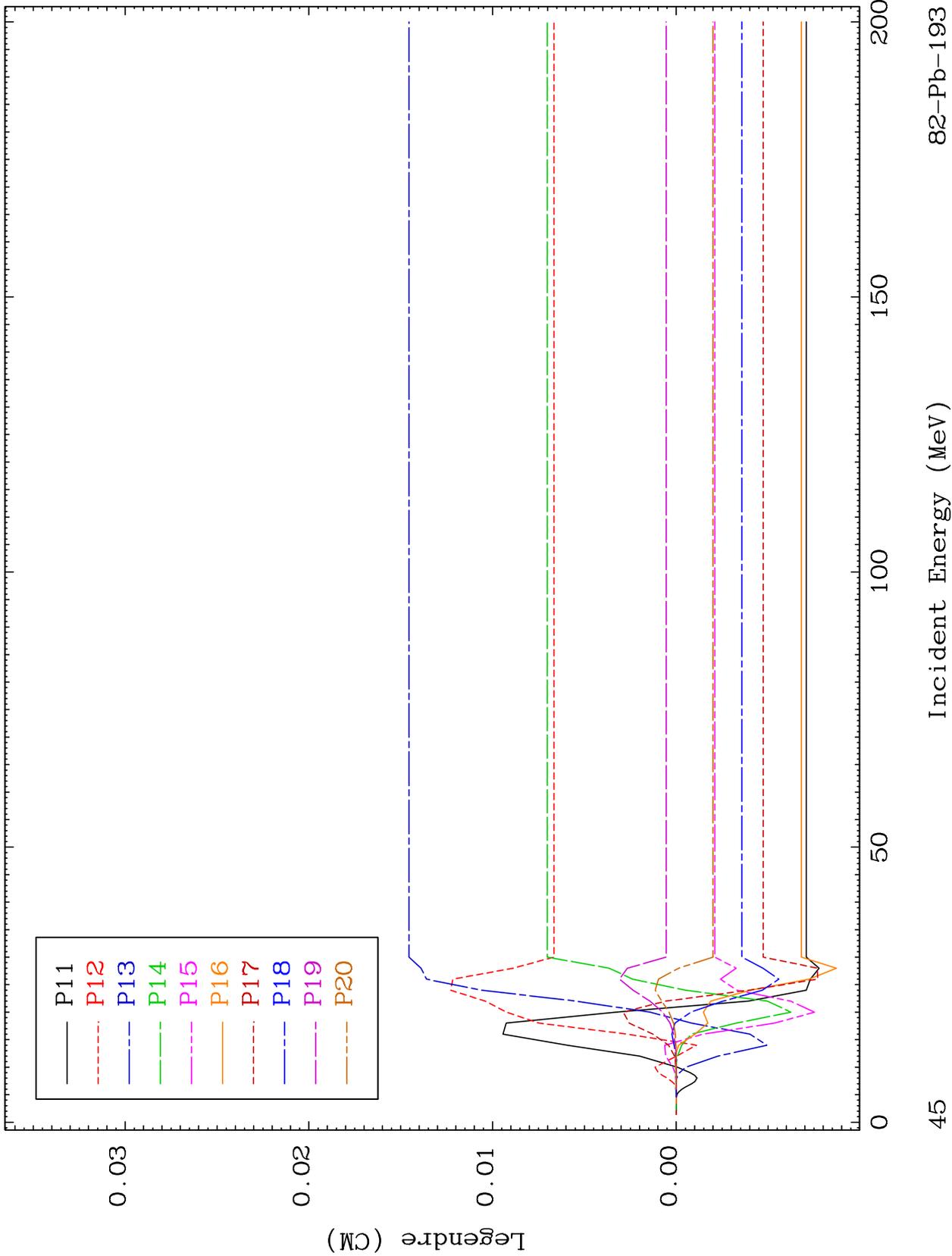
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

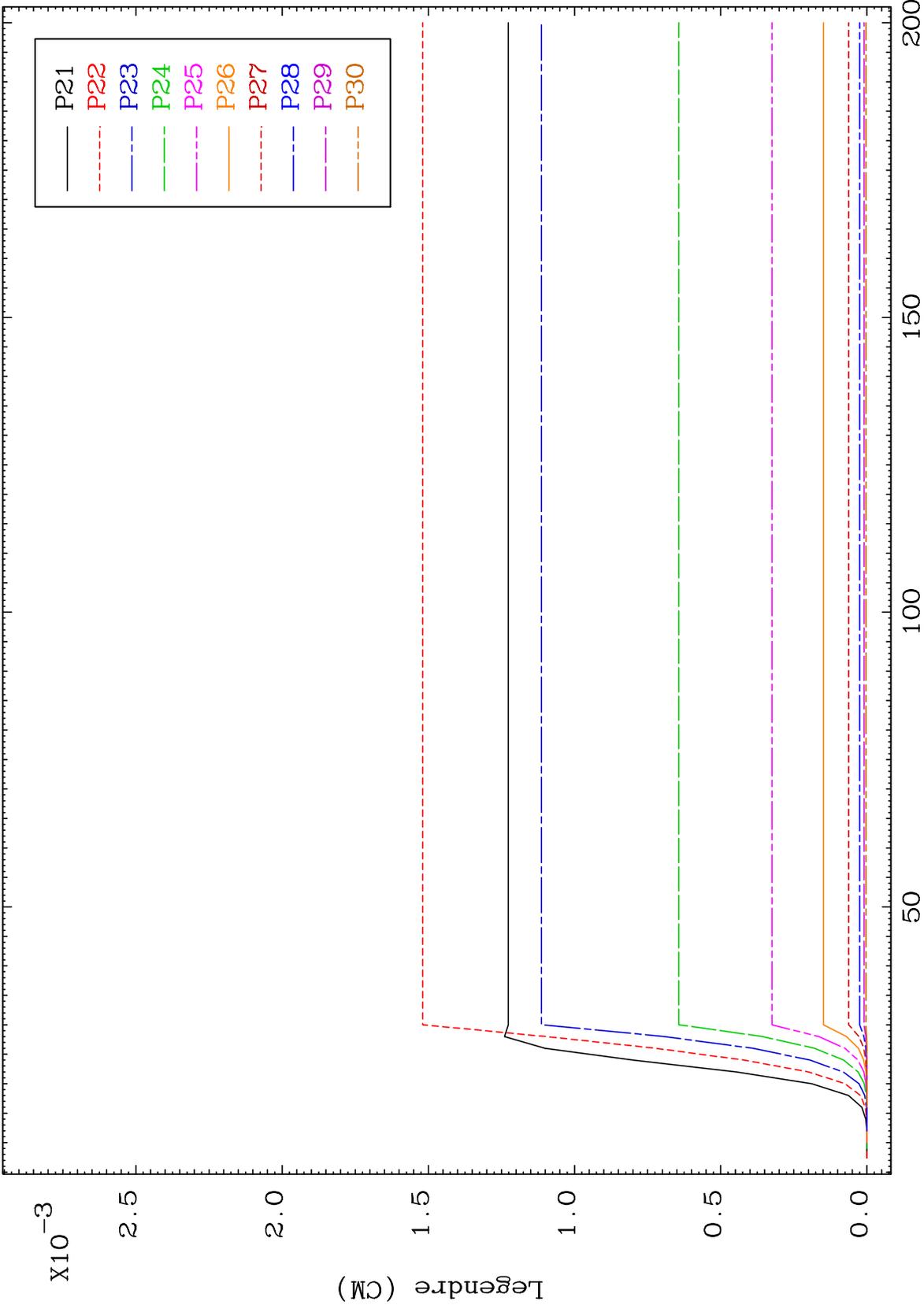
Incident Energy (MeV)

45

MAT 8192

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

82-Pb-193



46

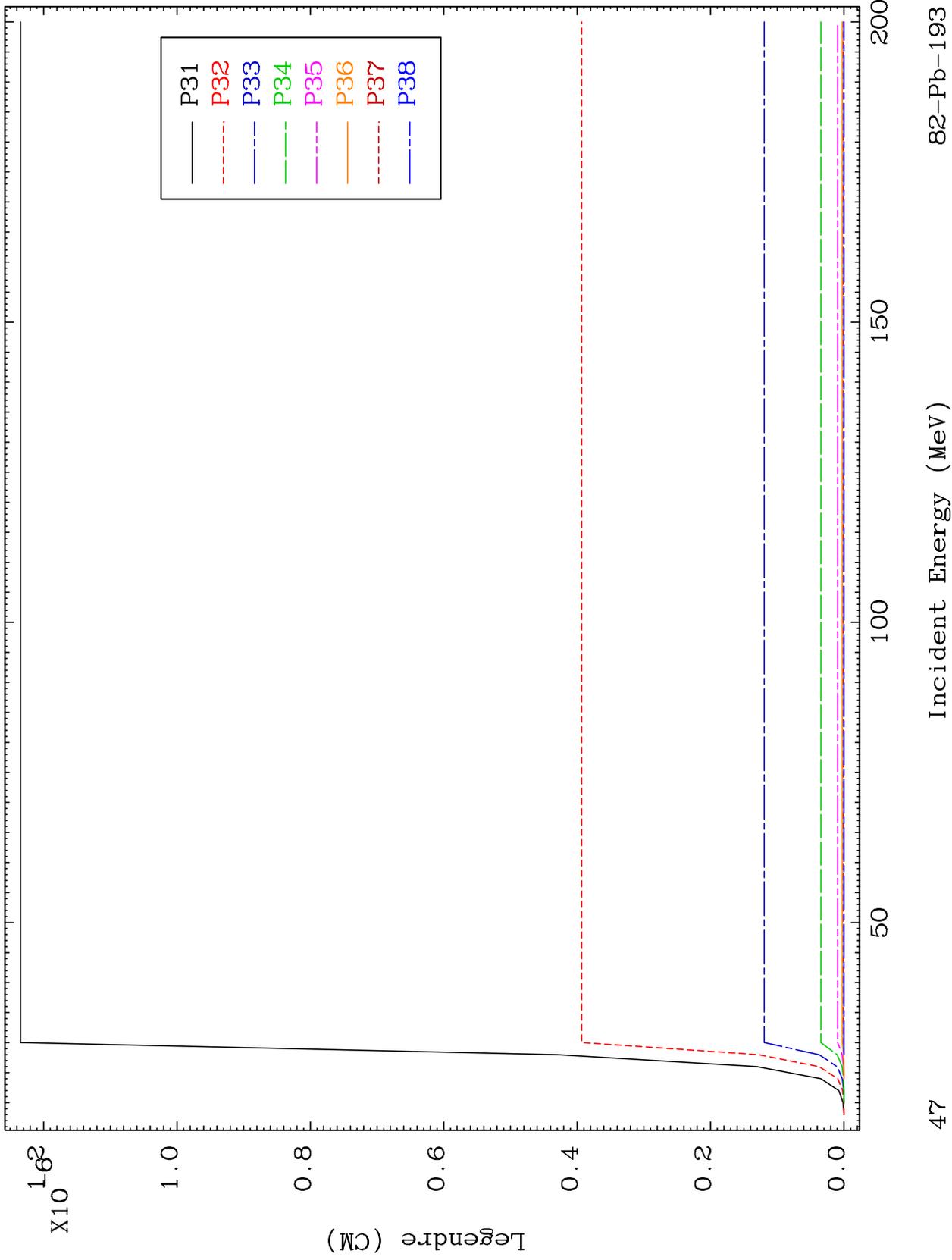
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

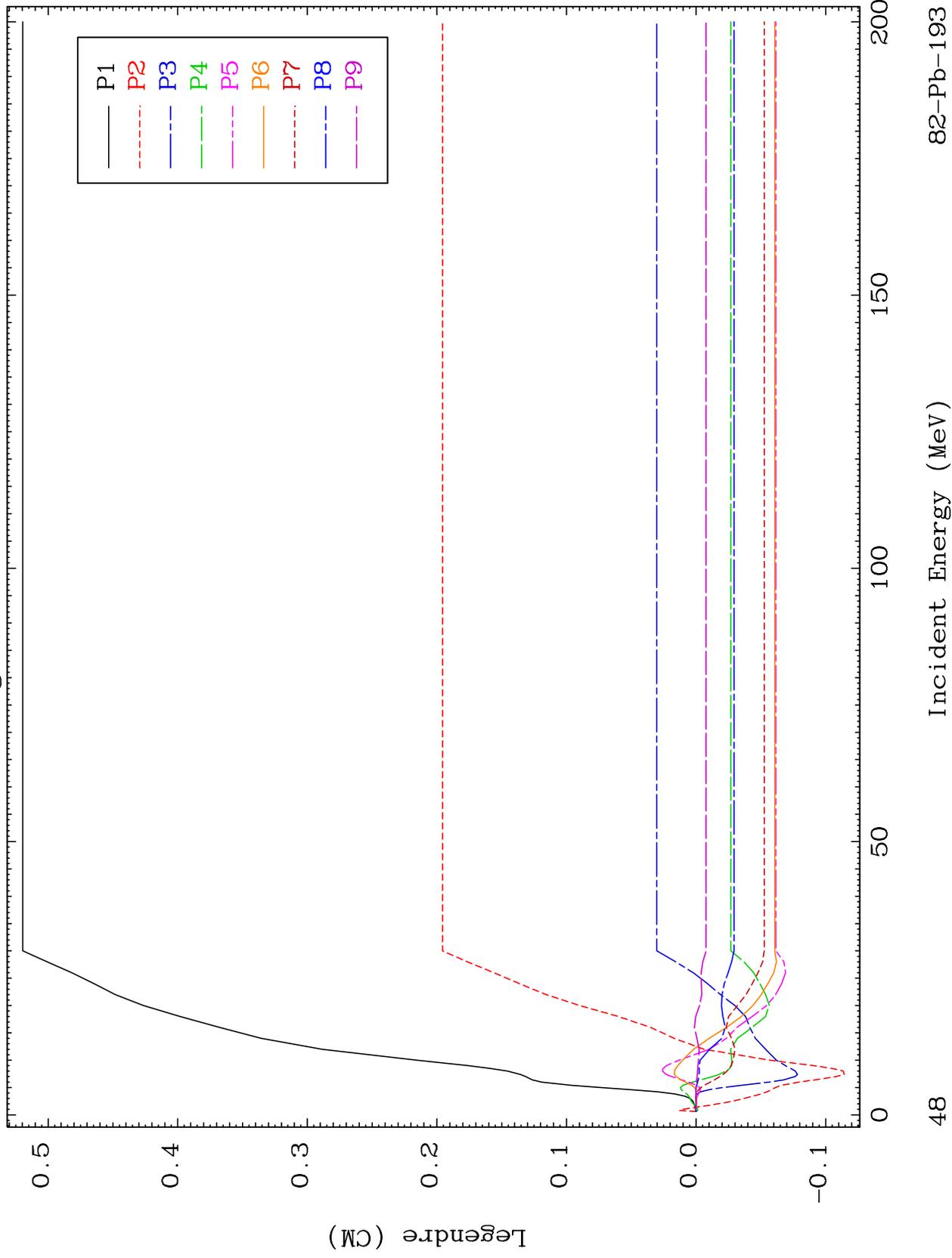
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MAT 8192

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

82-Pb-193



82-Pb-193

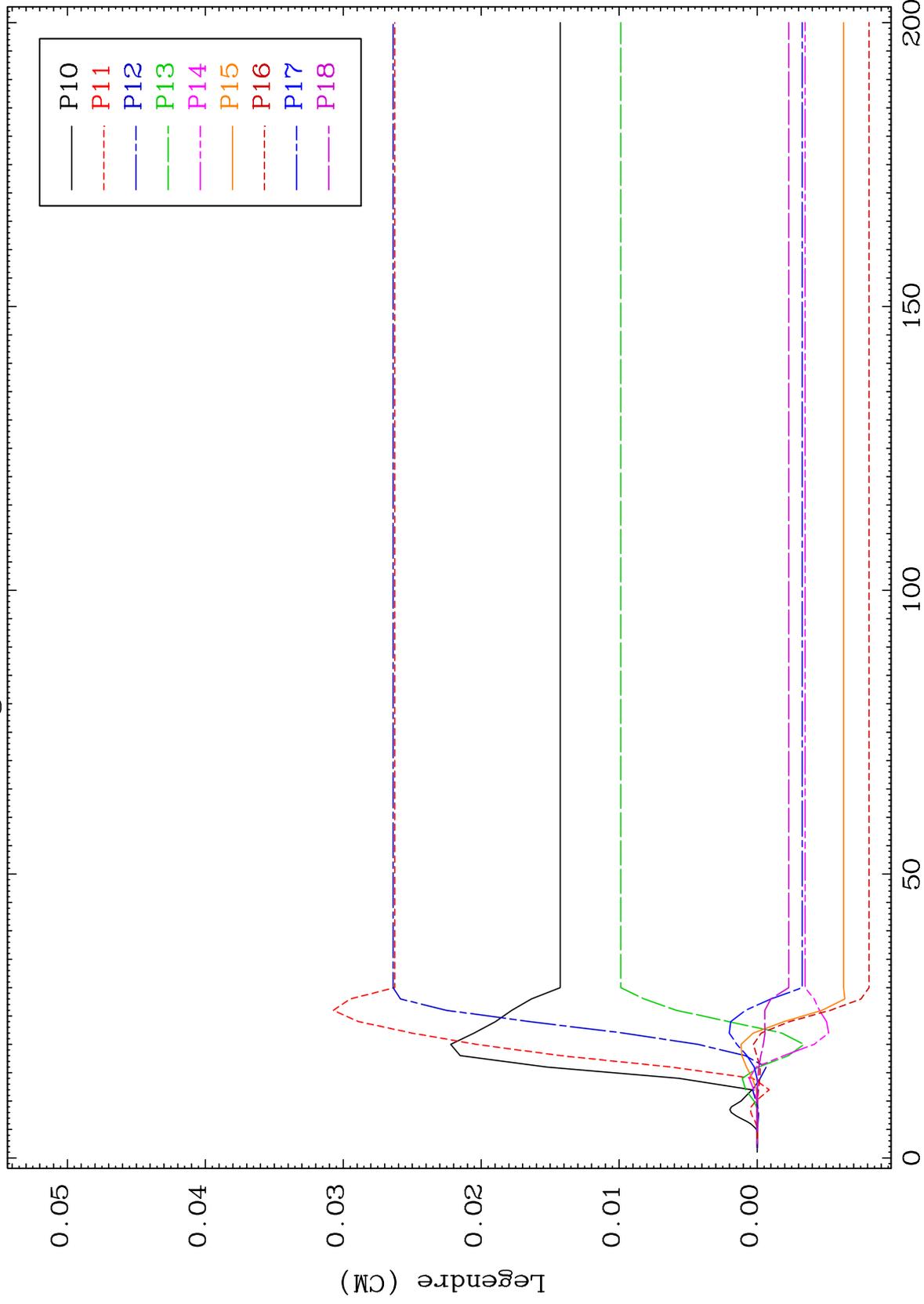
Incident Energy (MeV)

48

MAT 8192

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

82-Pb-193



49

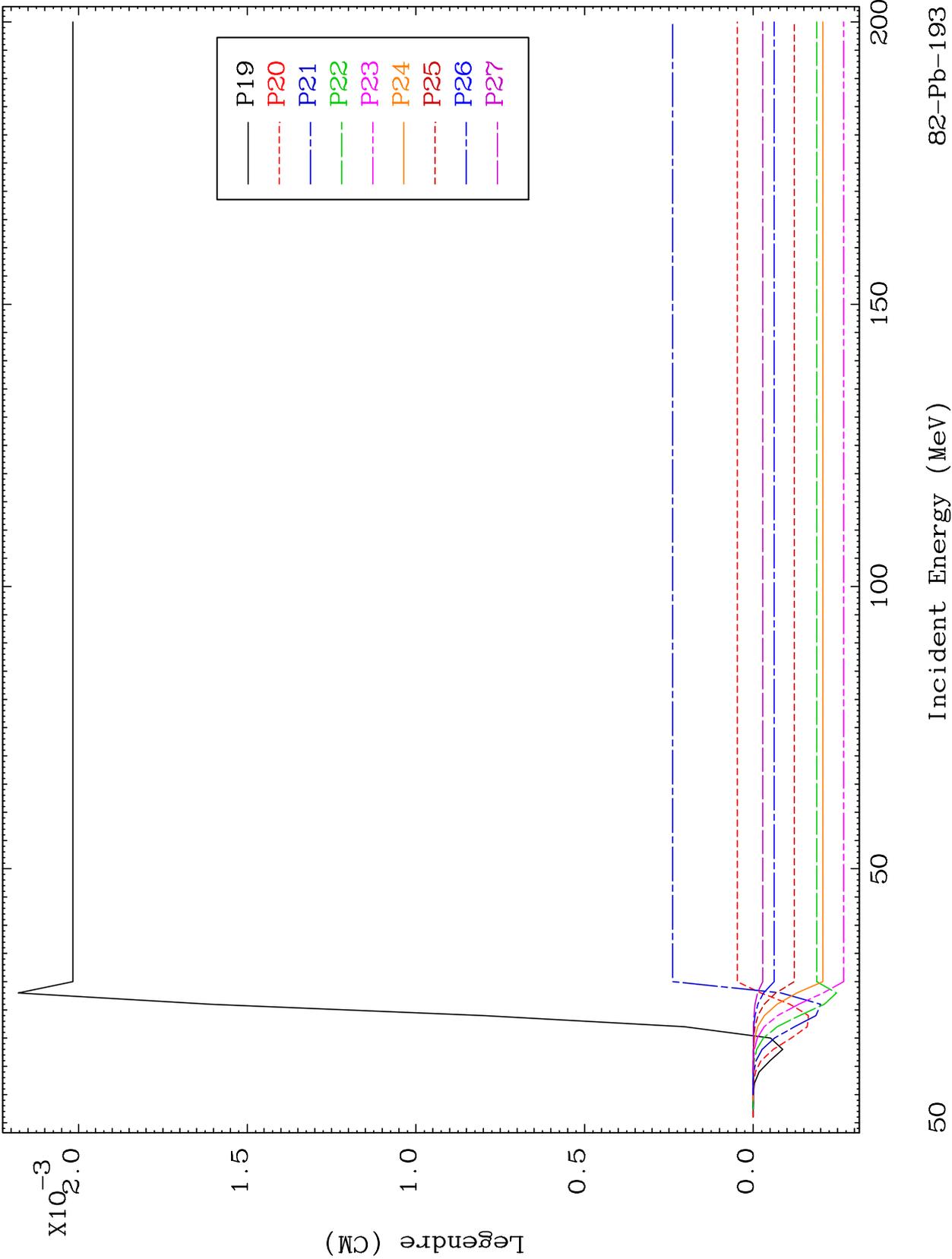
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

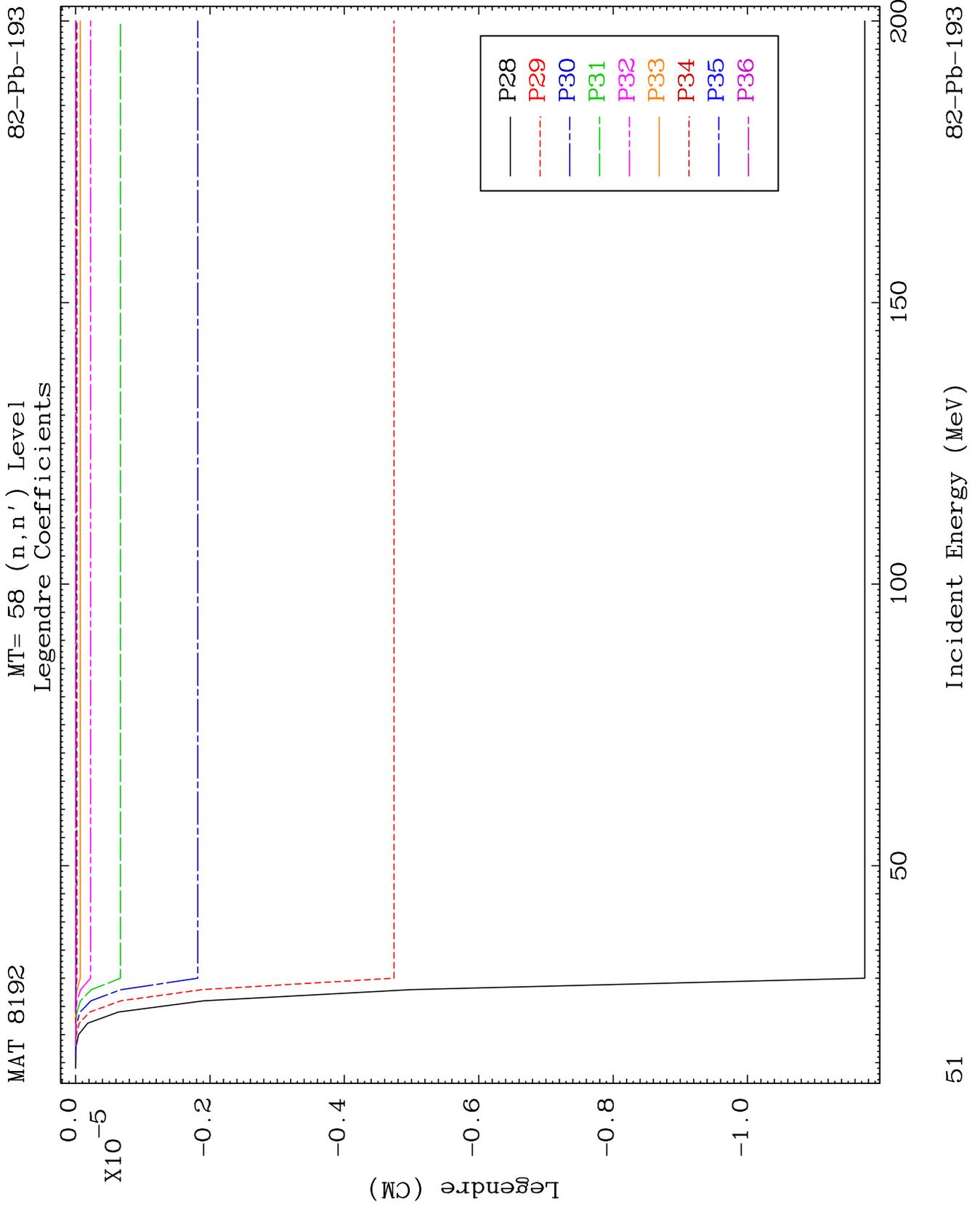
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82-Pb-193

Incident Energy (MeV)

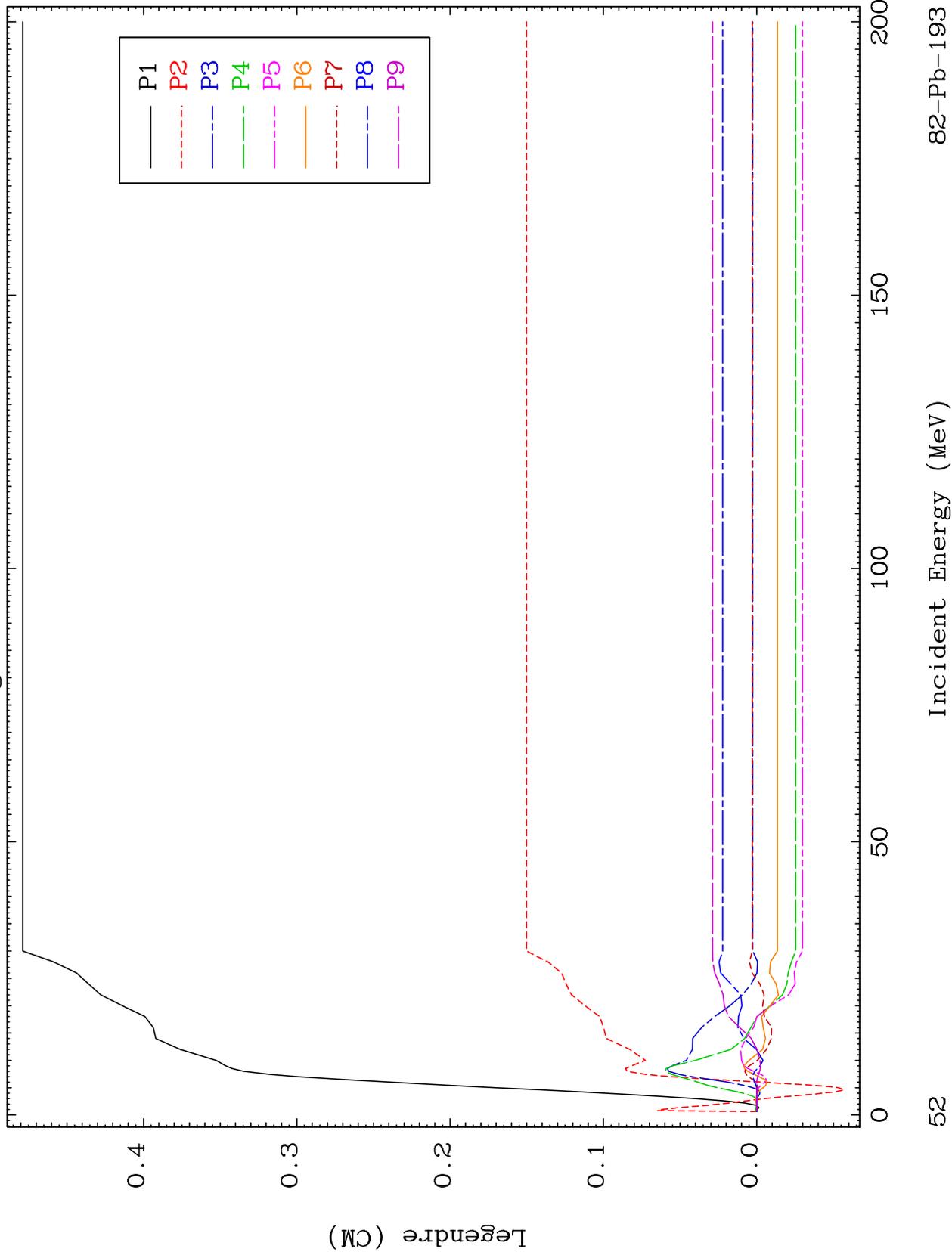
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MAT 8192

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

82-Pb-193



82-Pb-193

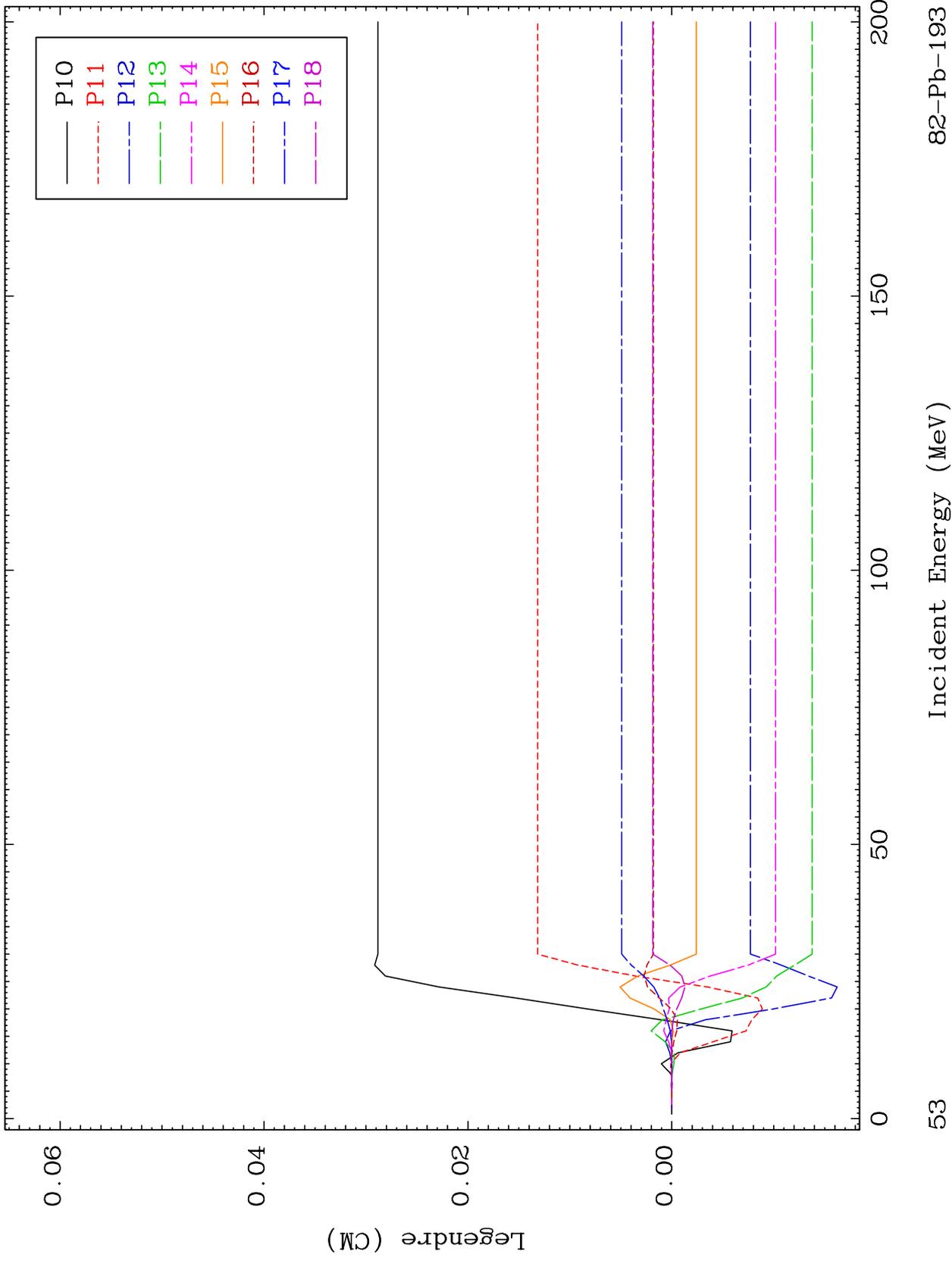
Incident Energy (MeV)

52

MAT 8192

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

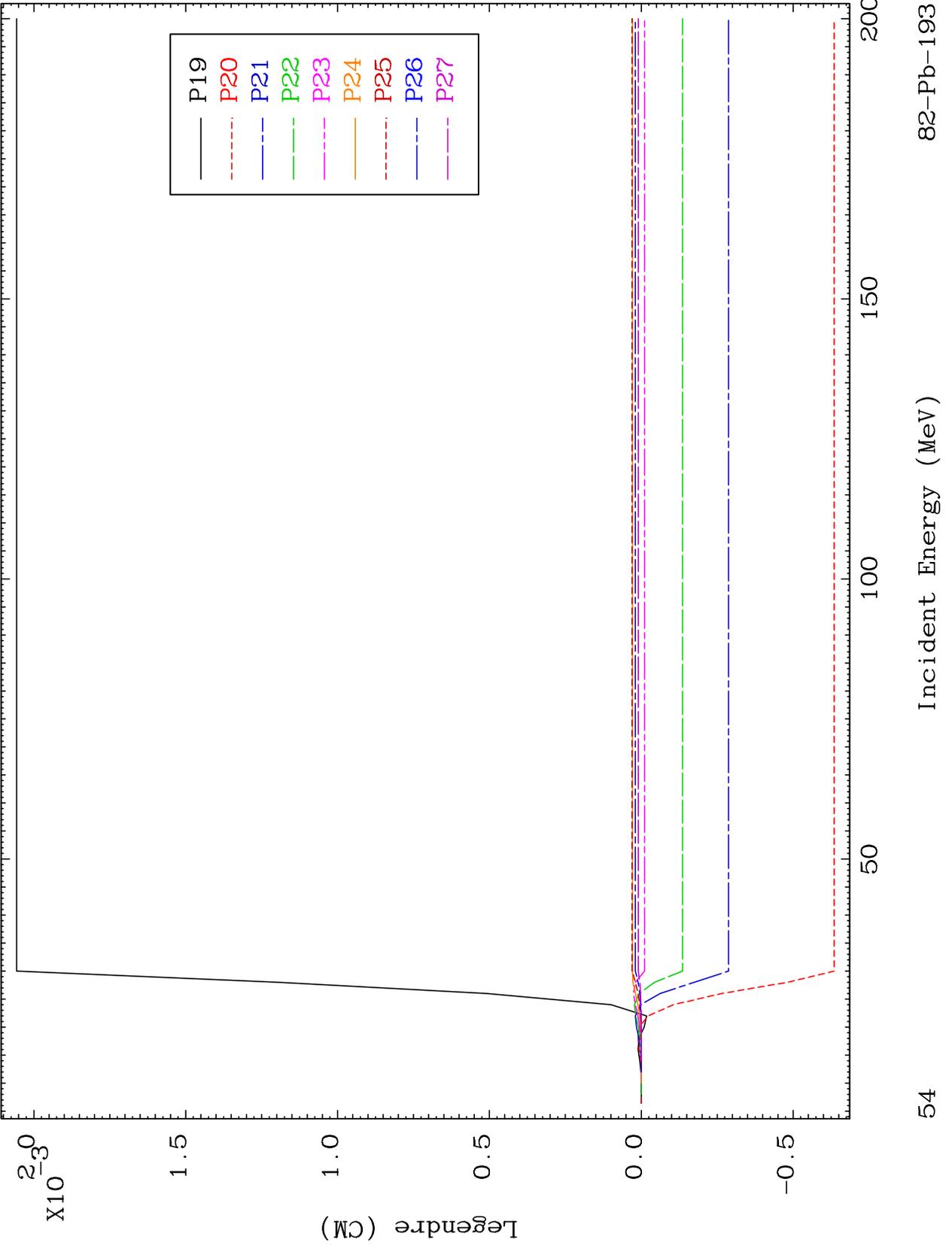
82-Pb-193



53

Incident Energy (MeV)

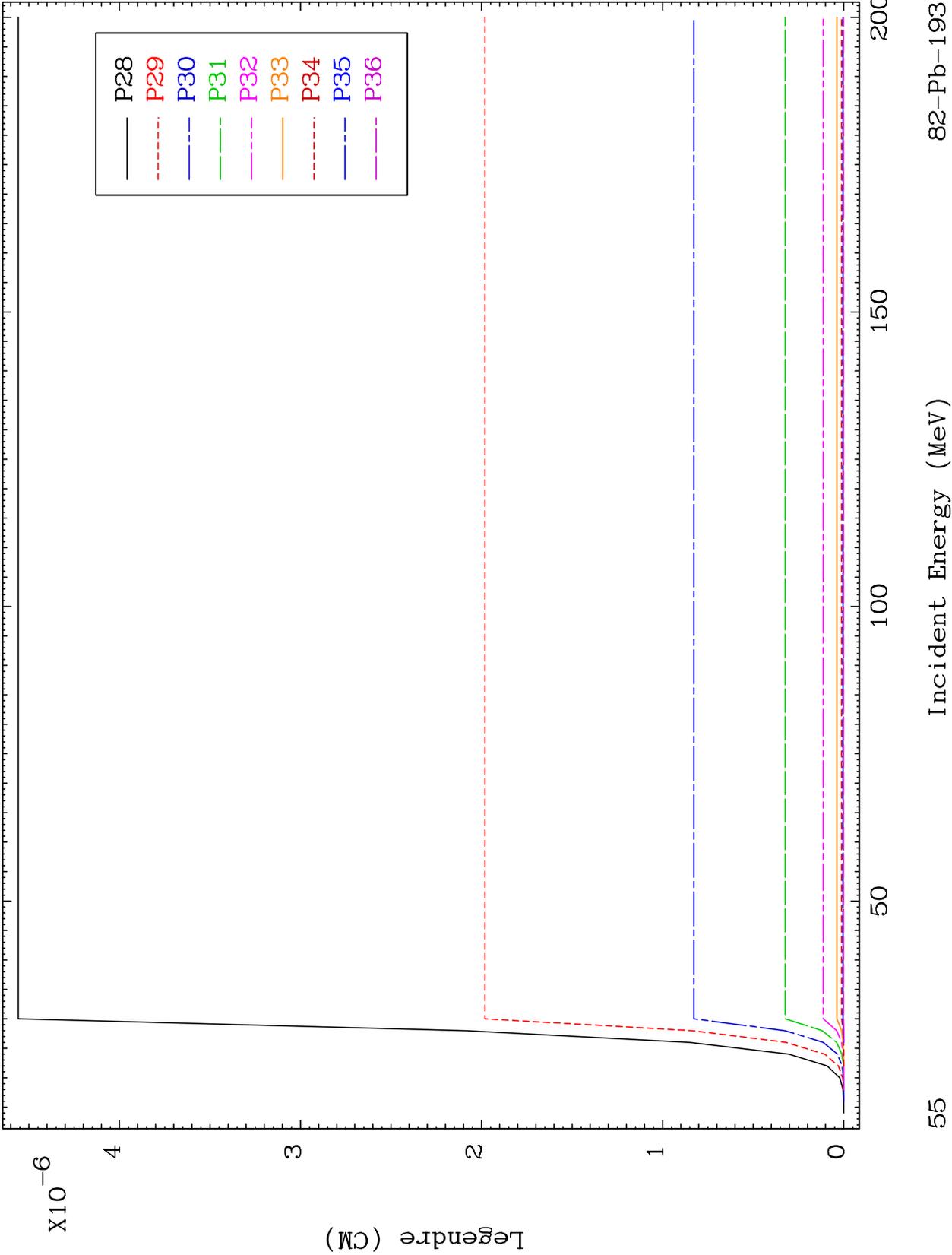
82-Pb-193



MAT 8192

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

82-Pb-193



55

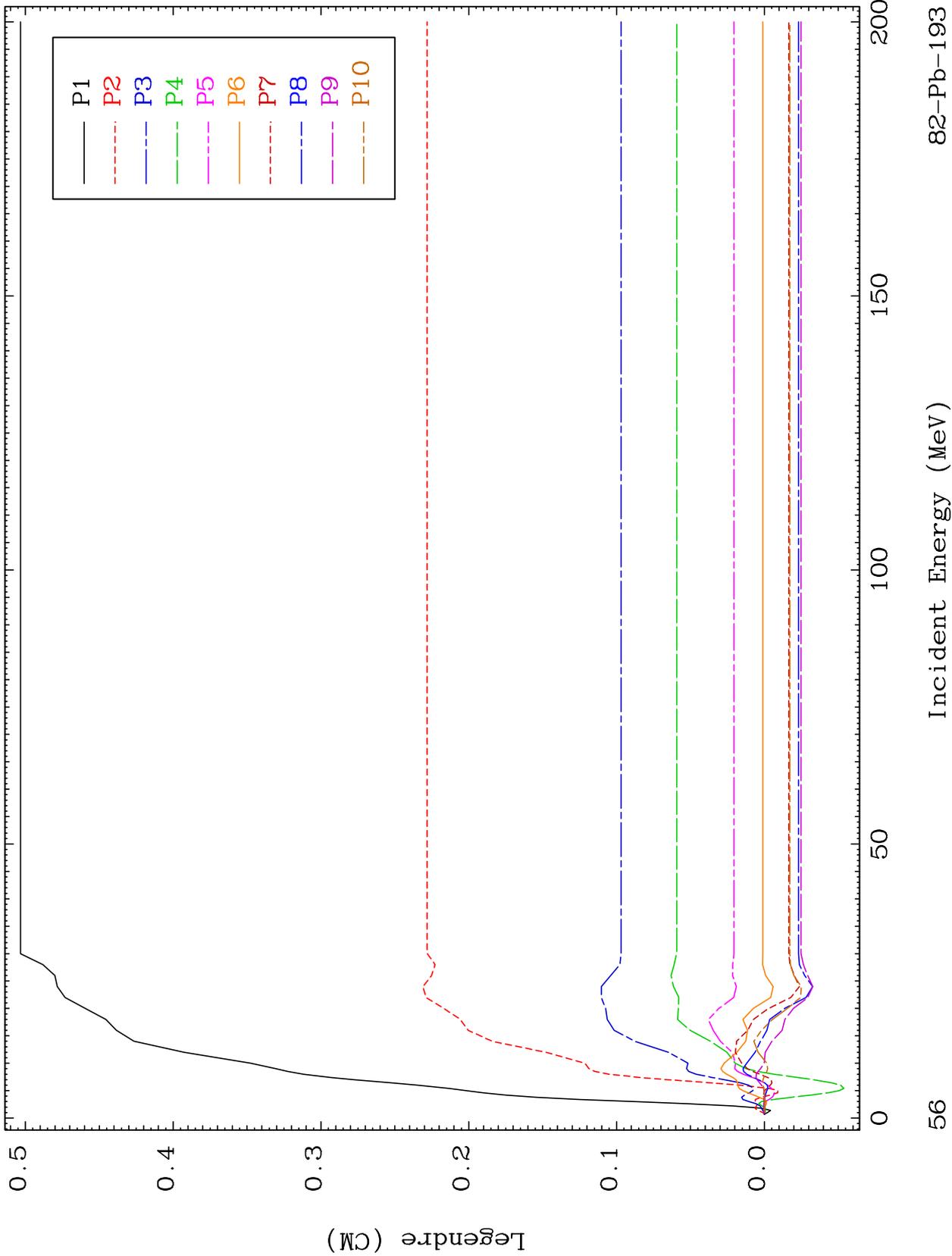
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

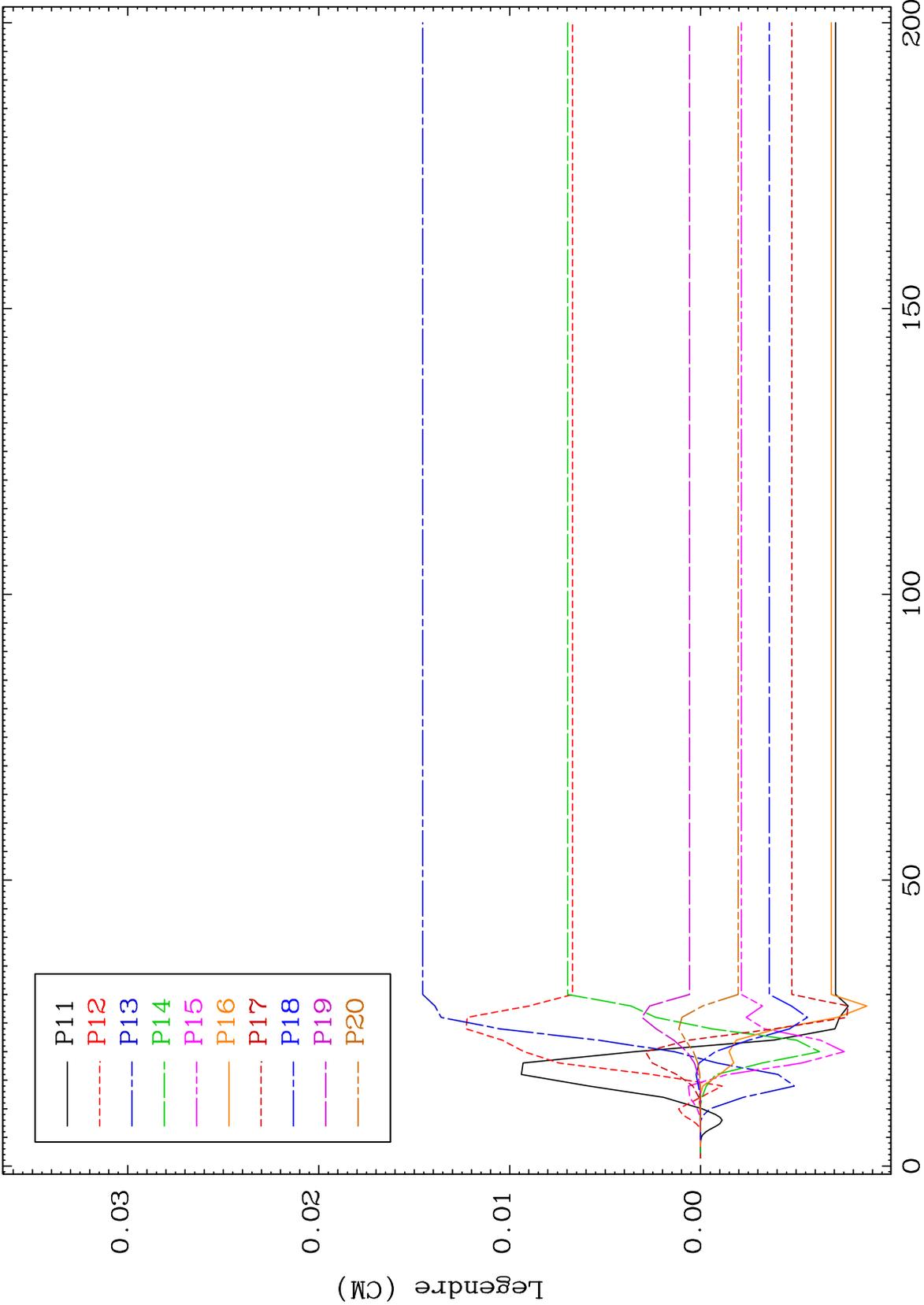
Incident Energy (MeV)

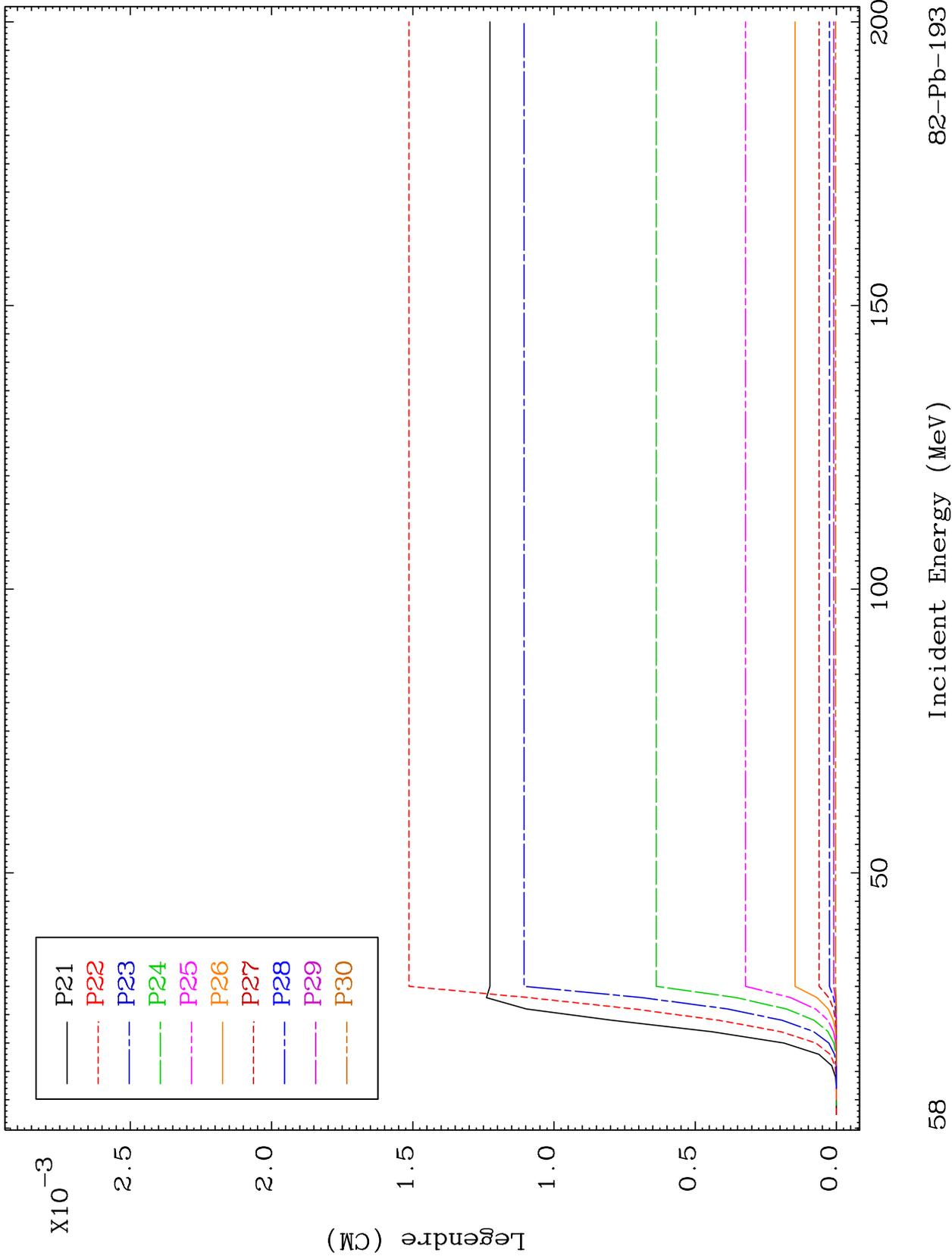
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MAT 8192

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

82-Pb-193

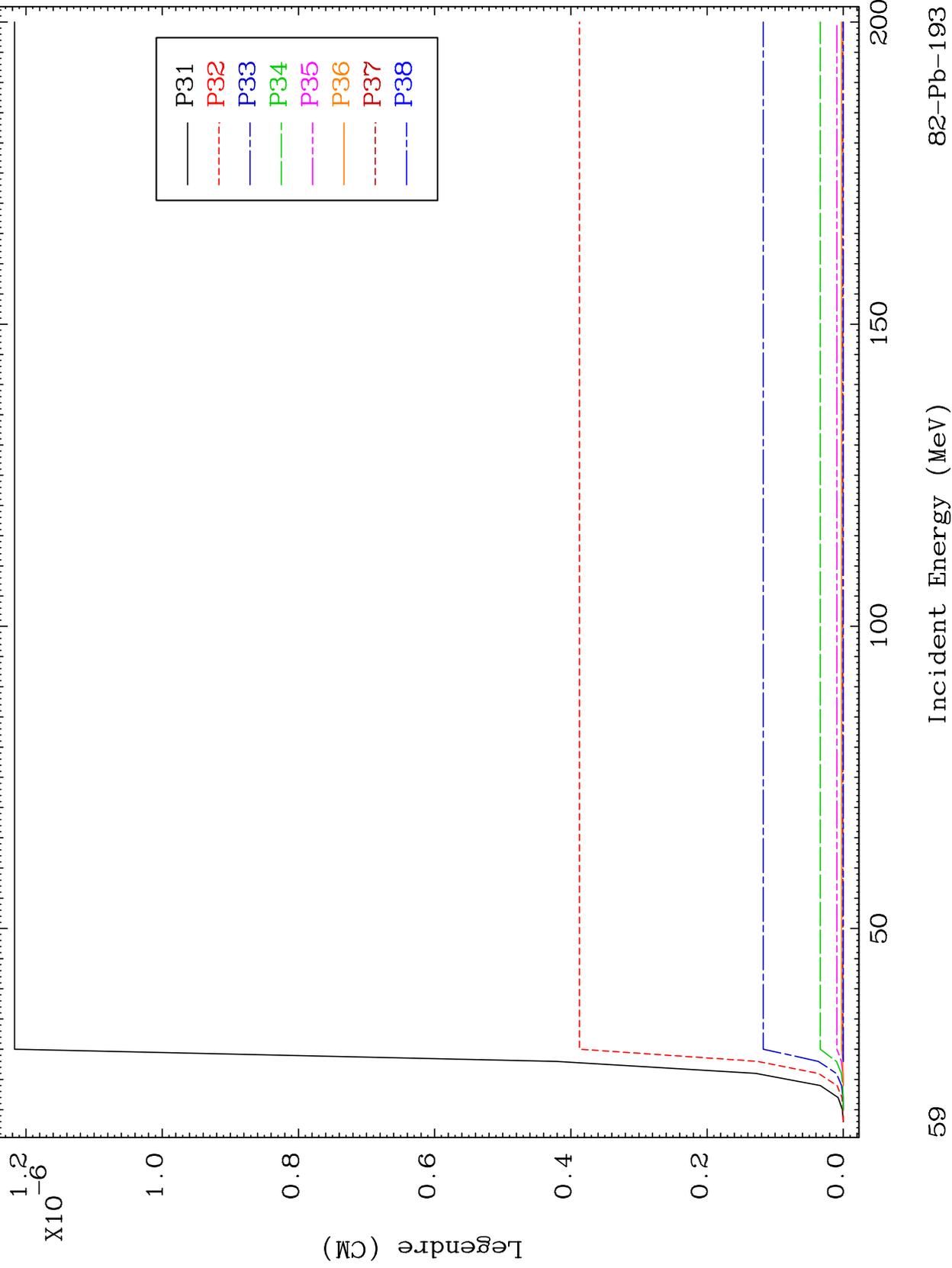




MAT 8192

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

82-Pb-193



59

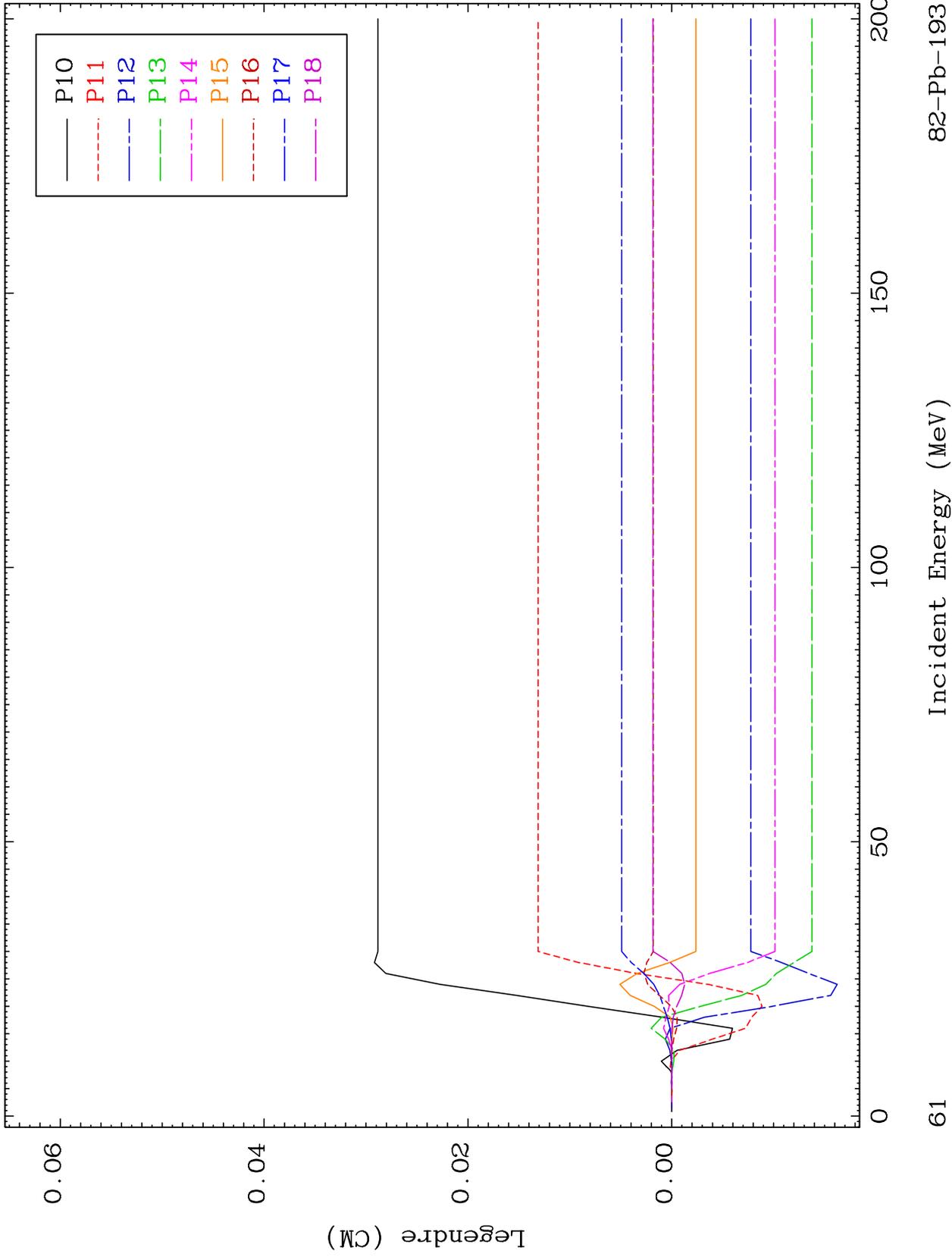
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



61

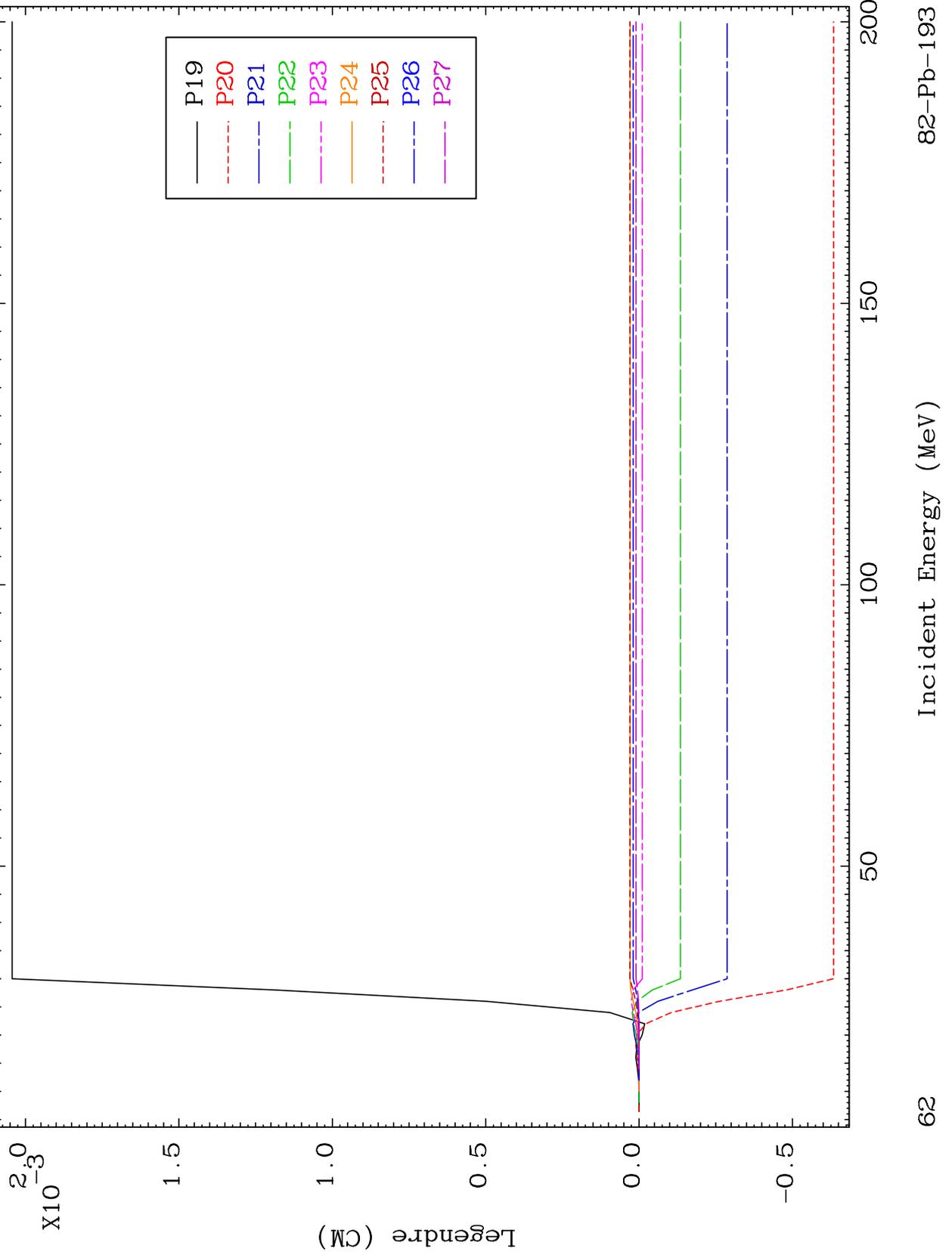
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



62

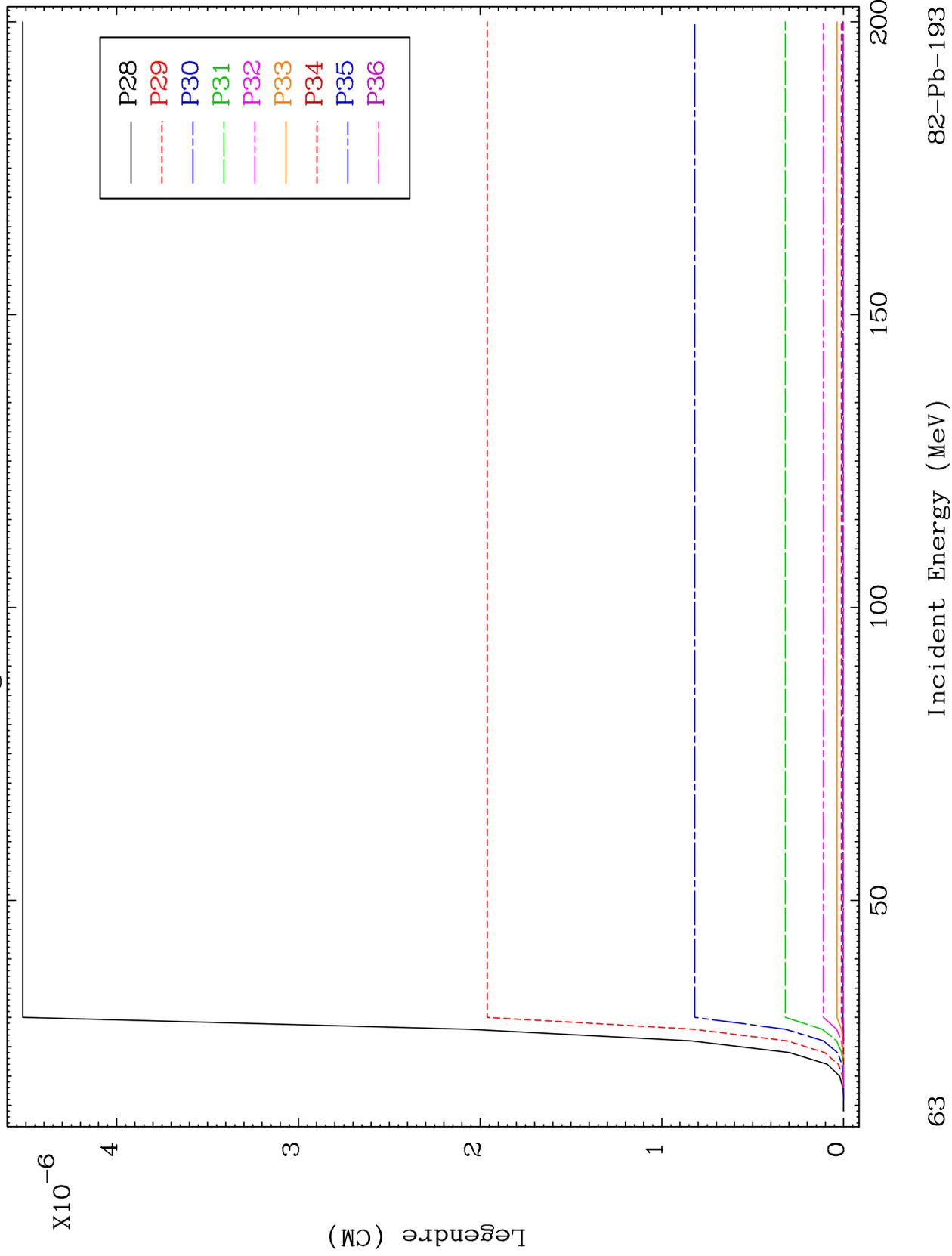
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

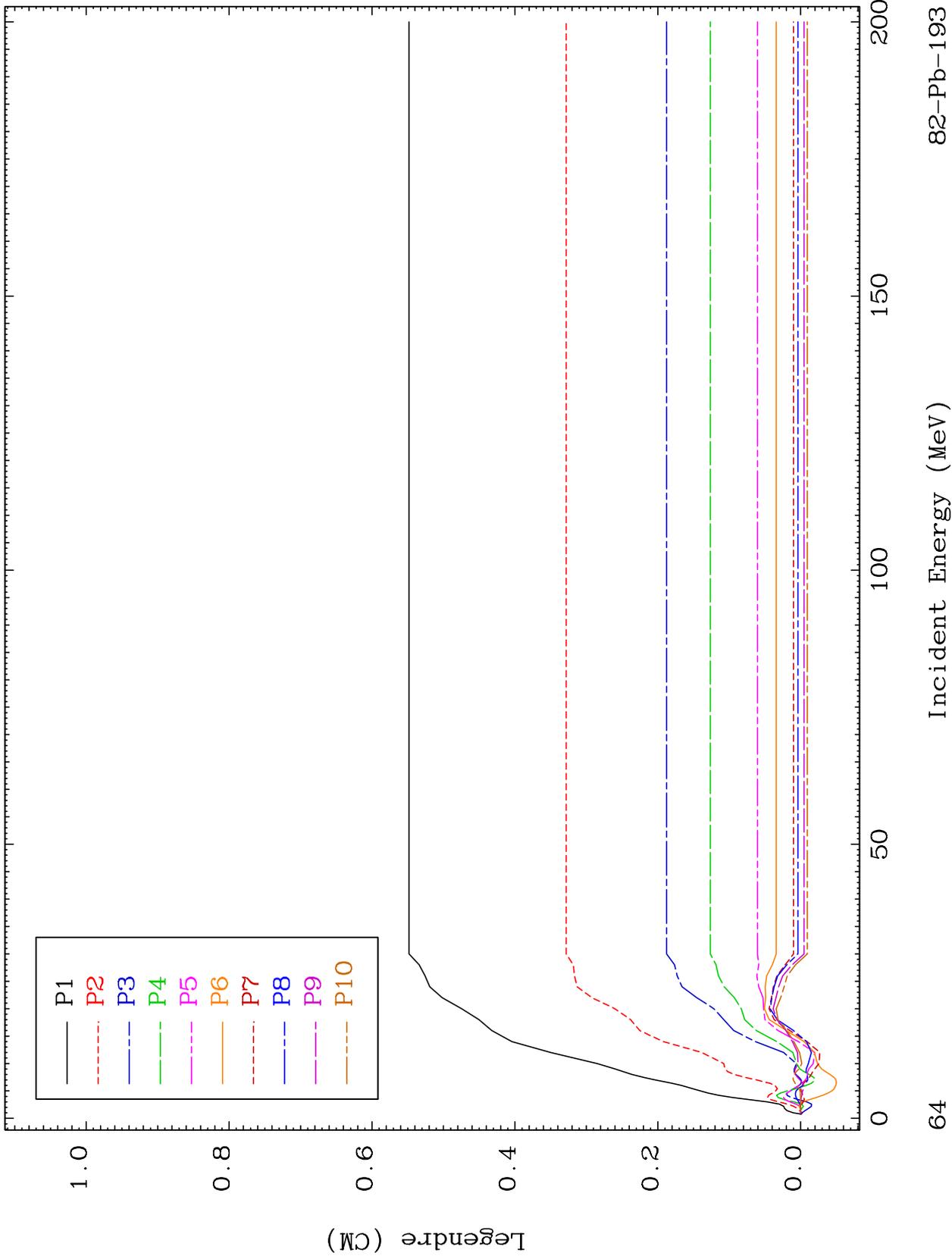
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

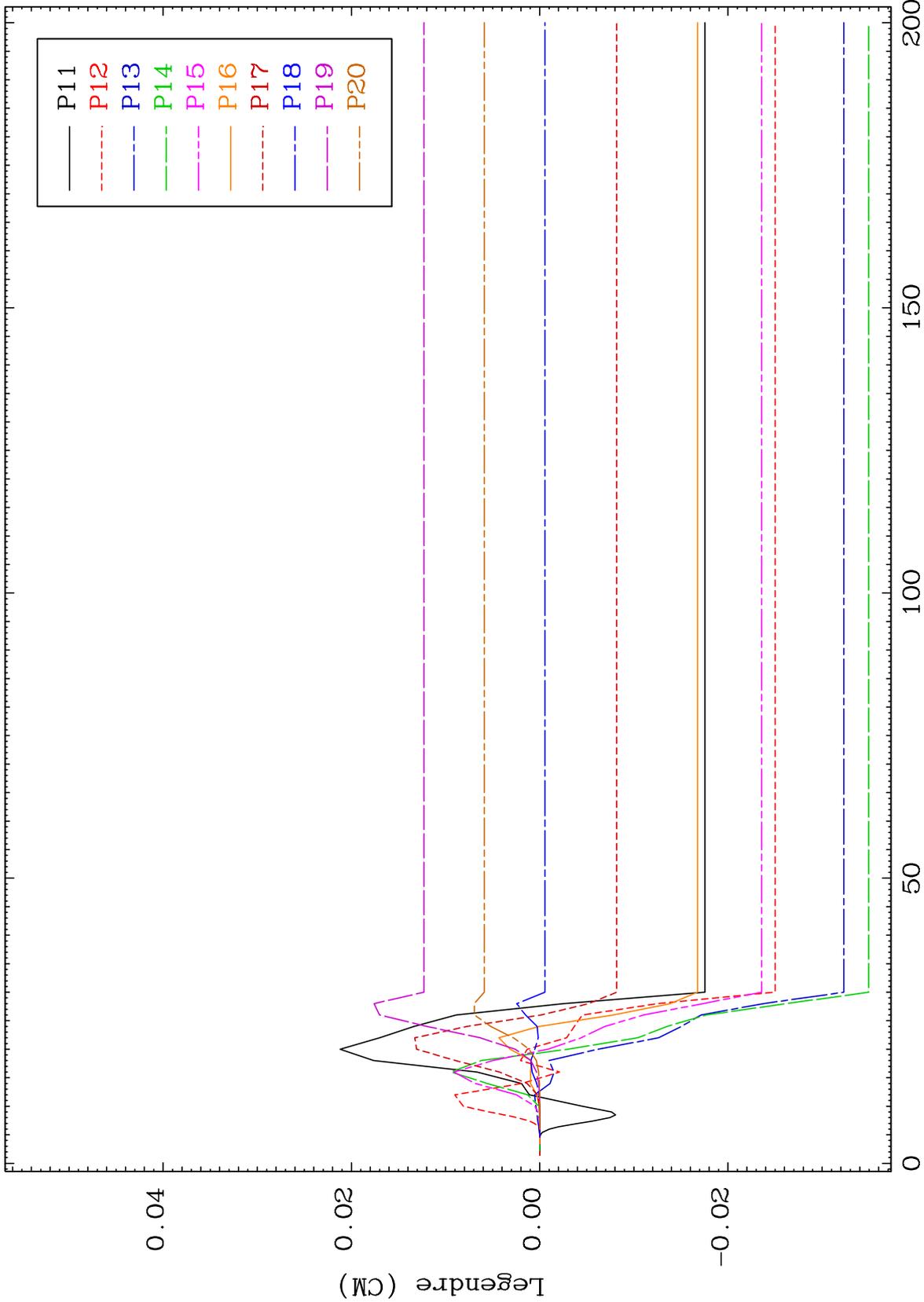
Incident Energy (MeV)

64

MAT 8192

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

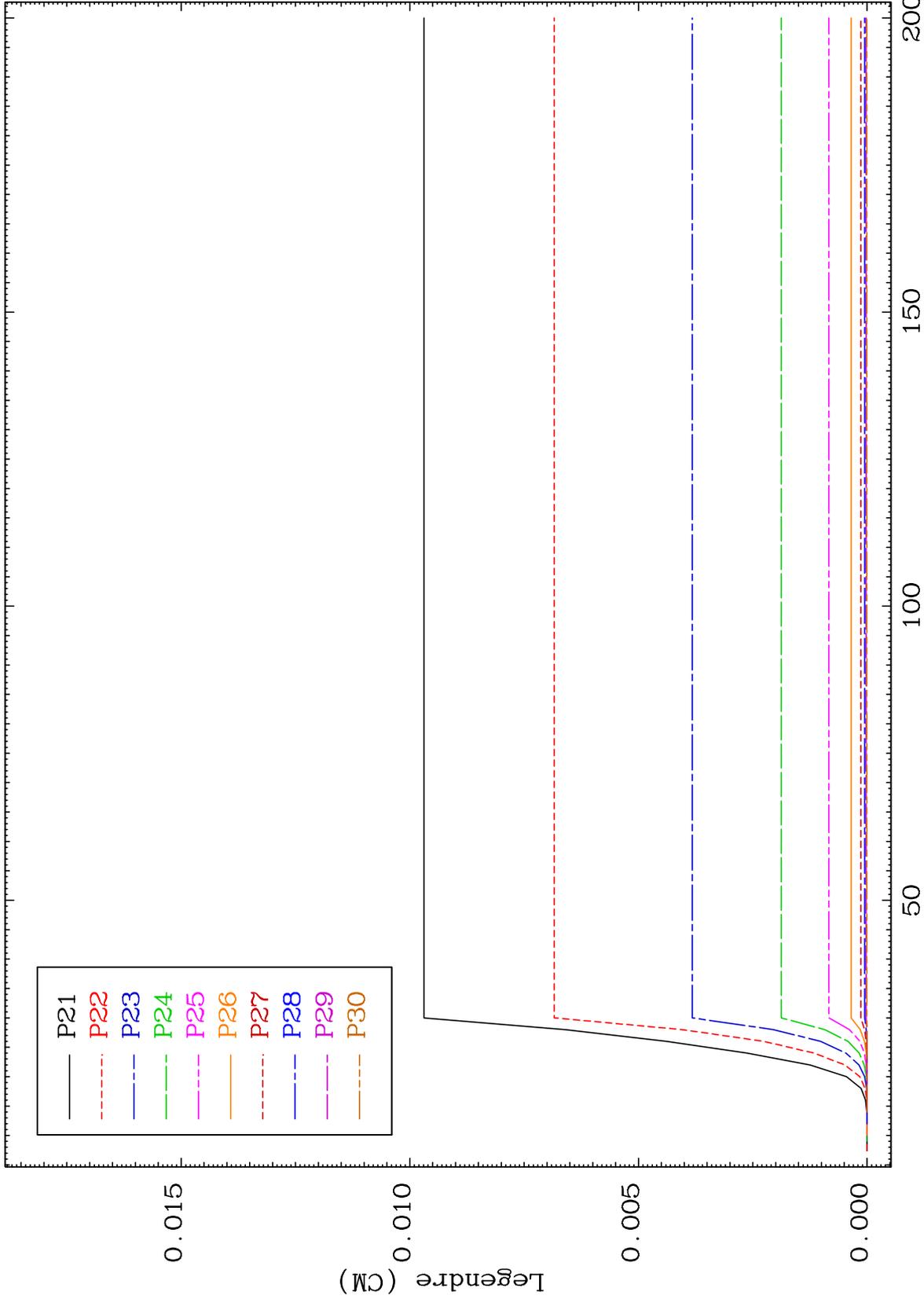
82-Pb-193



65

Incident Energy (MeV)

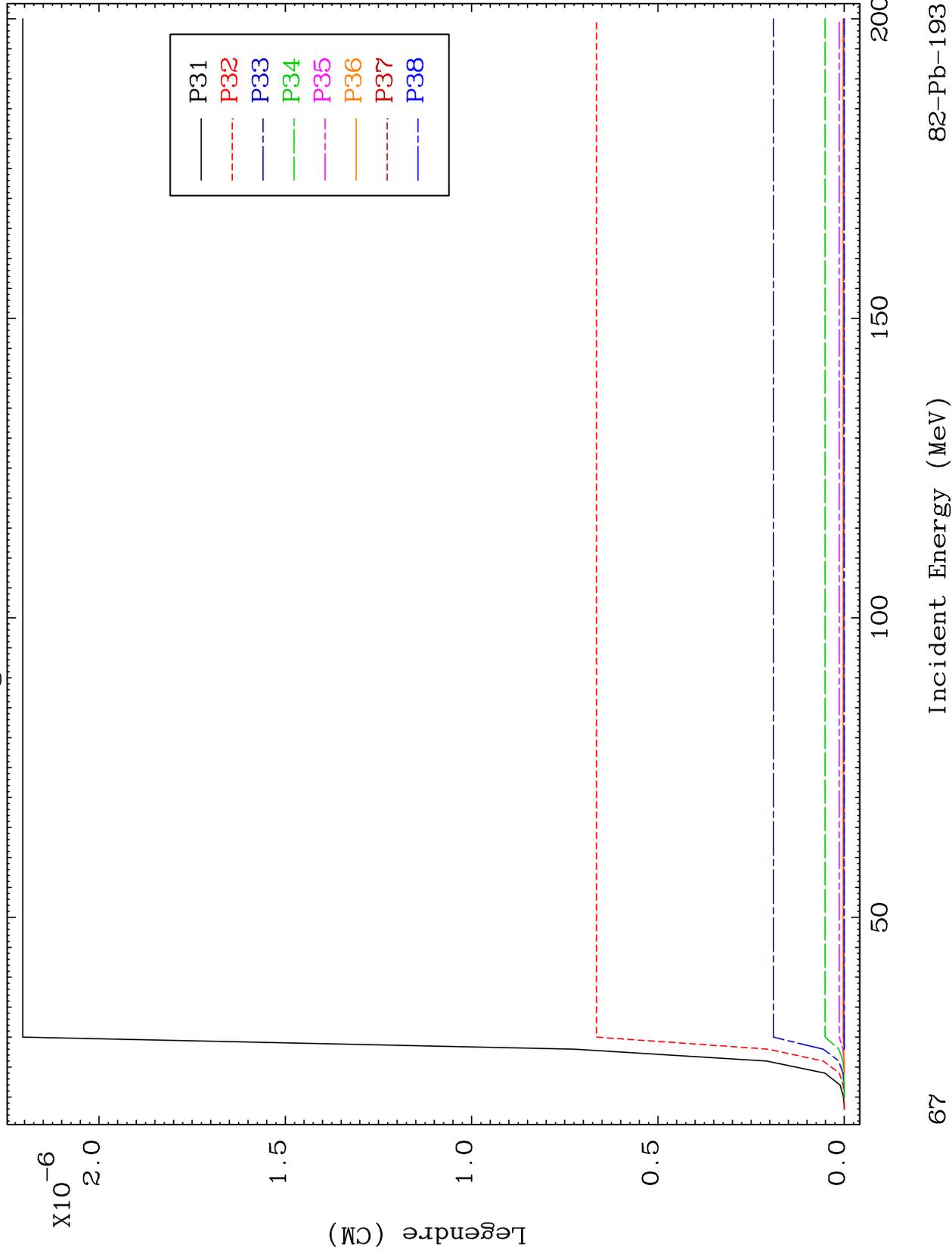
82-Pb-193



MAT 8192

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

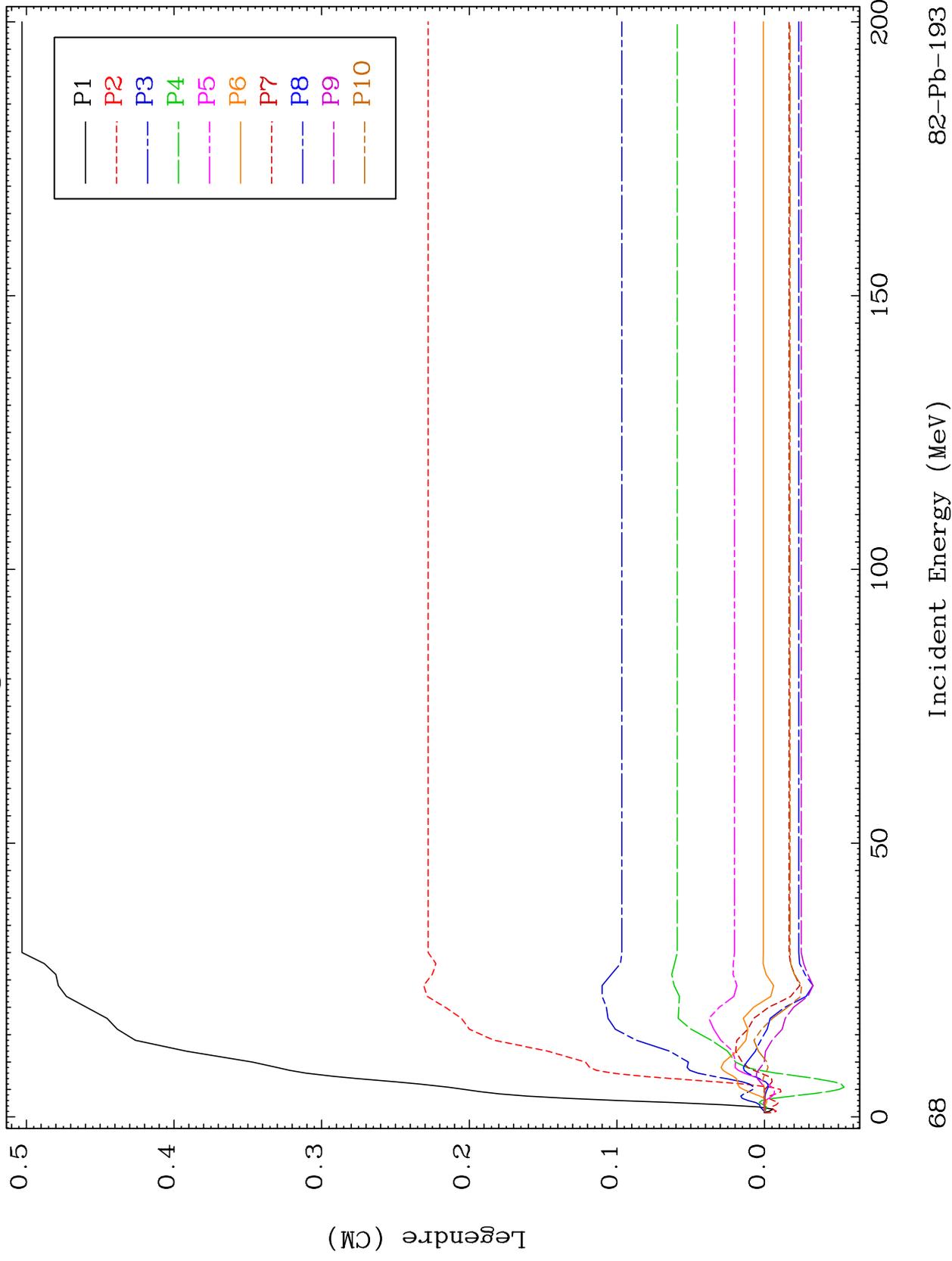
82-Pb-193



MAT 8192

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

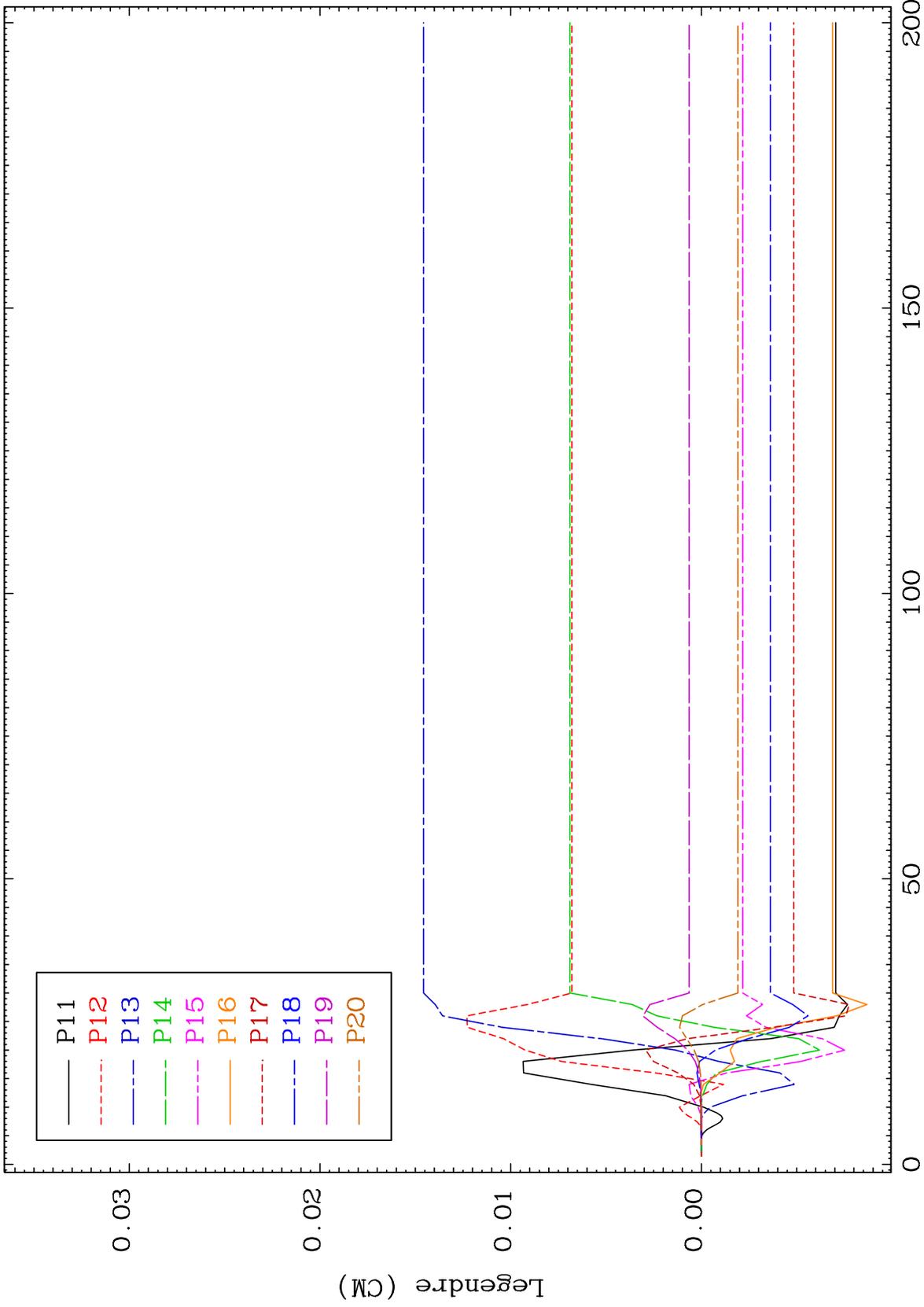
82-Pb-193



MAT 8192

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

82-Pb-193



69

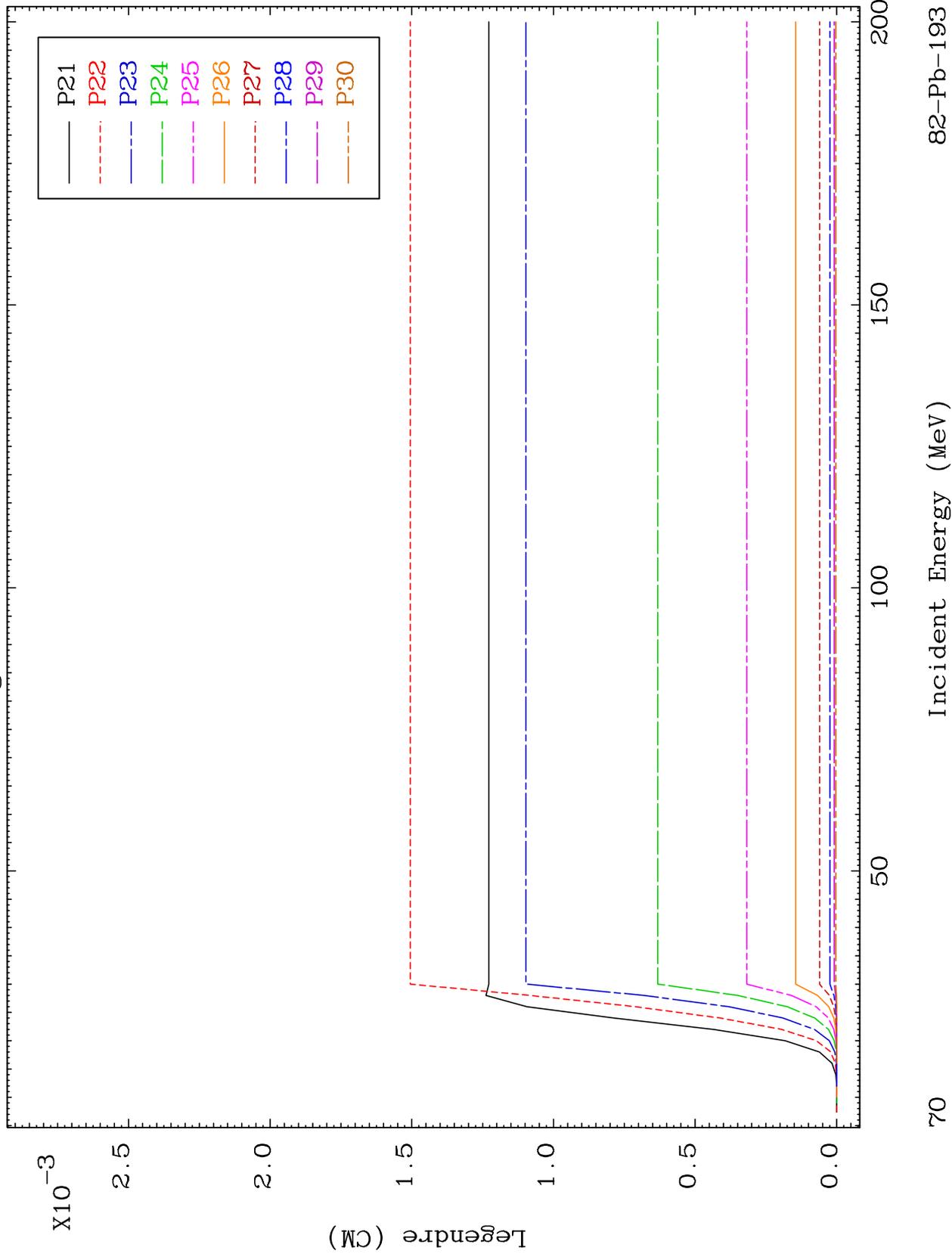
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

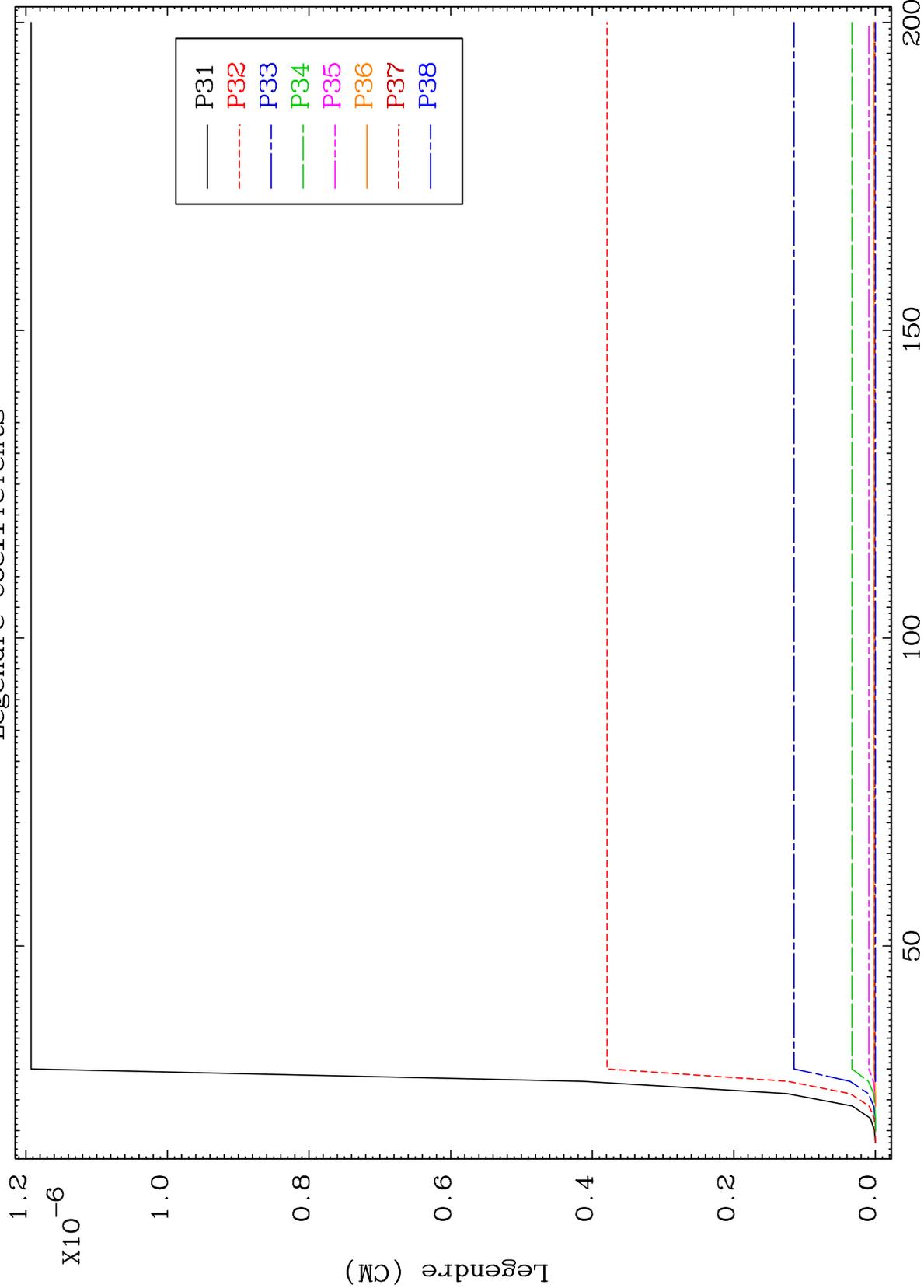
Incident Energy (MeV)

70

MAT 8192

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

82-Pb-193



71

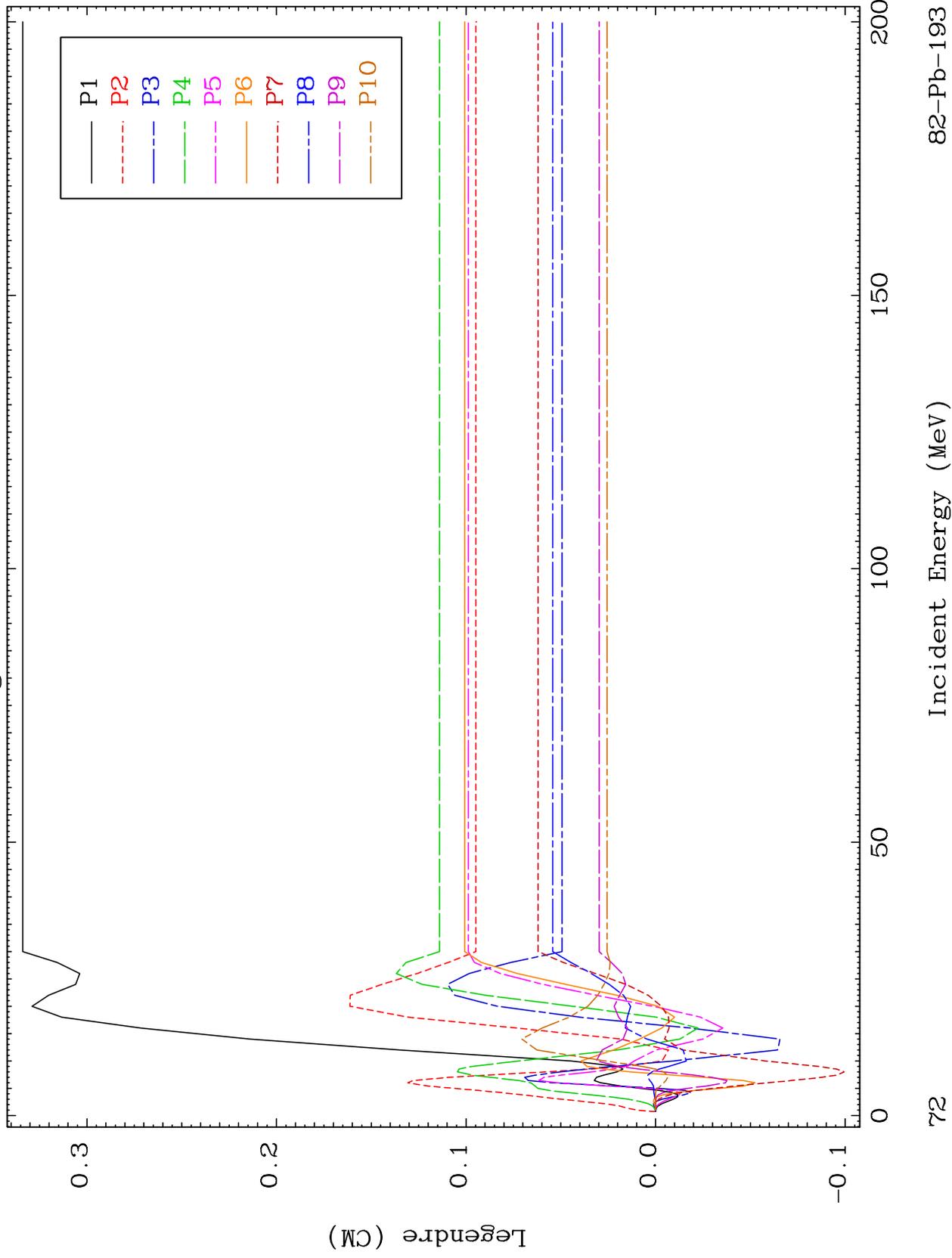
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

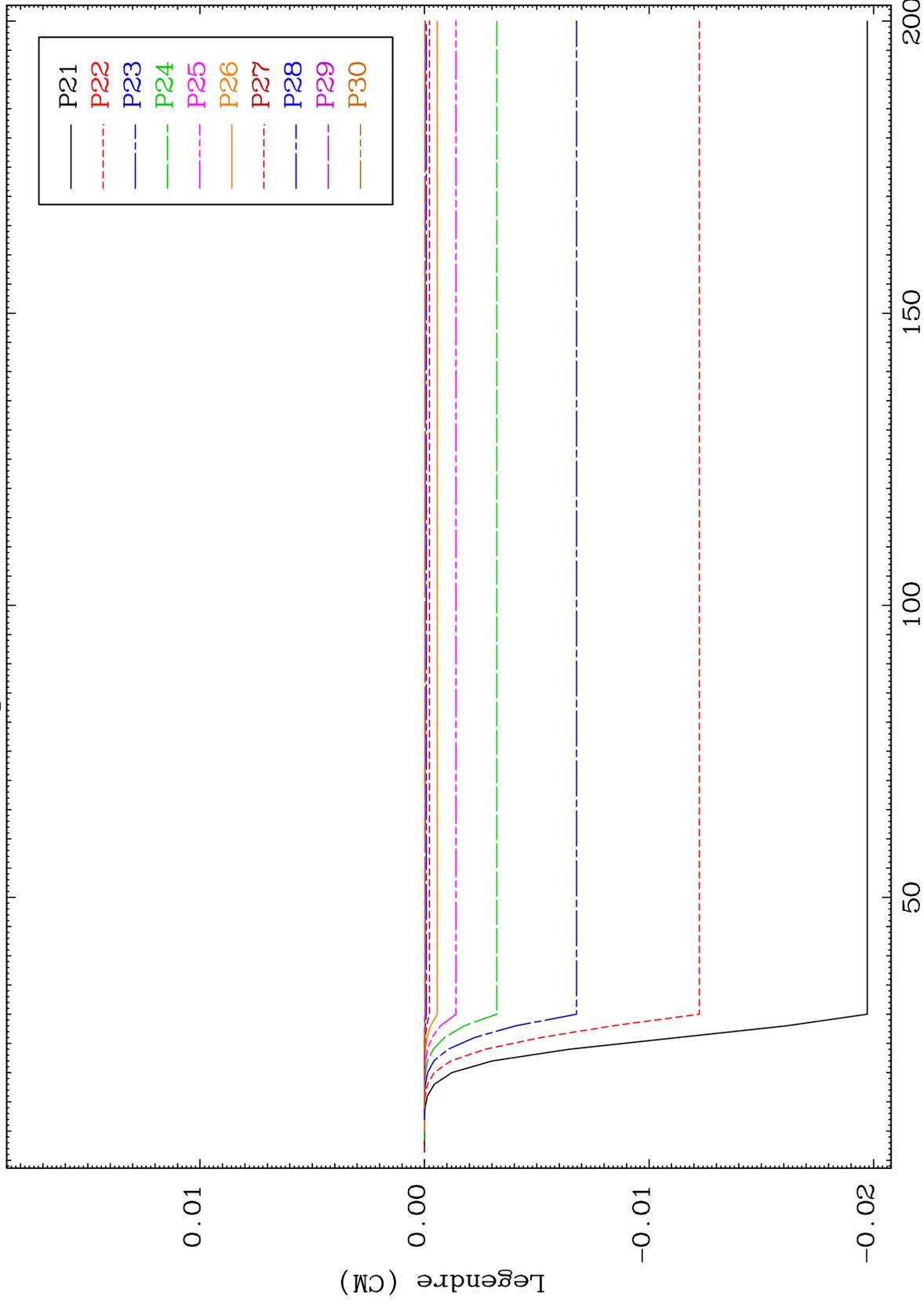
Incident Energy (MeV)

72

MAT 8192

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

82-Pb-193



74

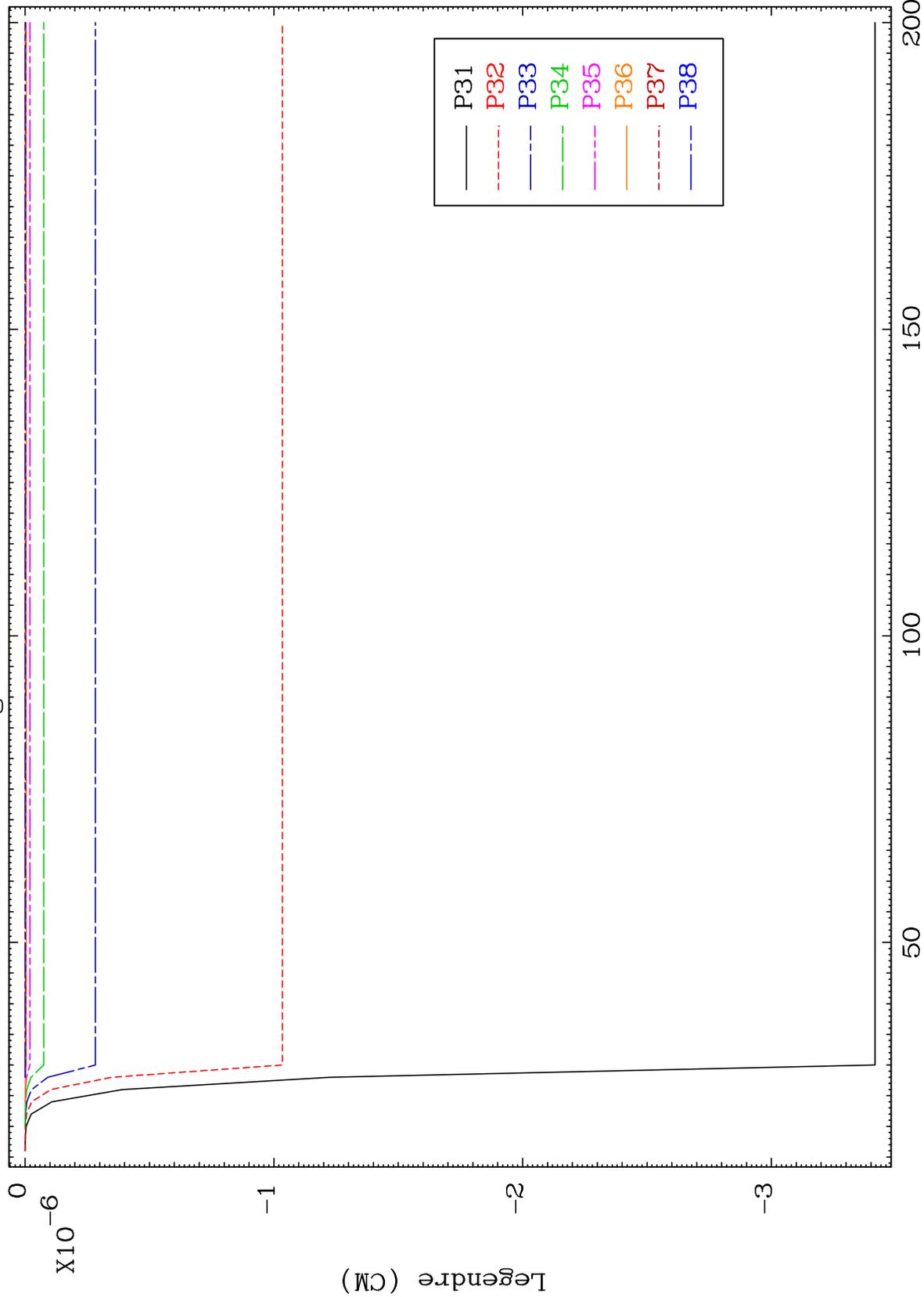
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



75

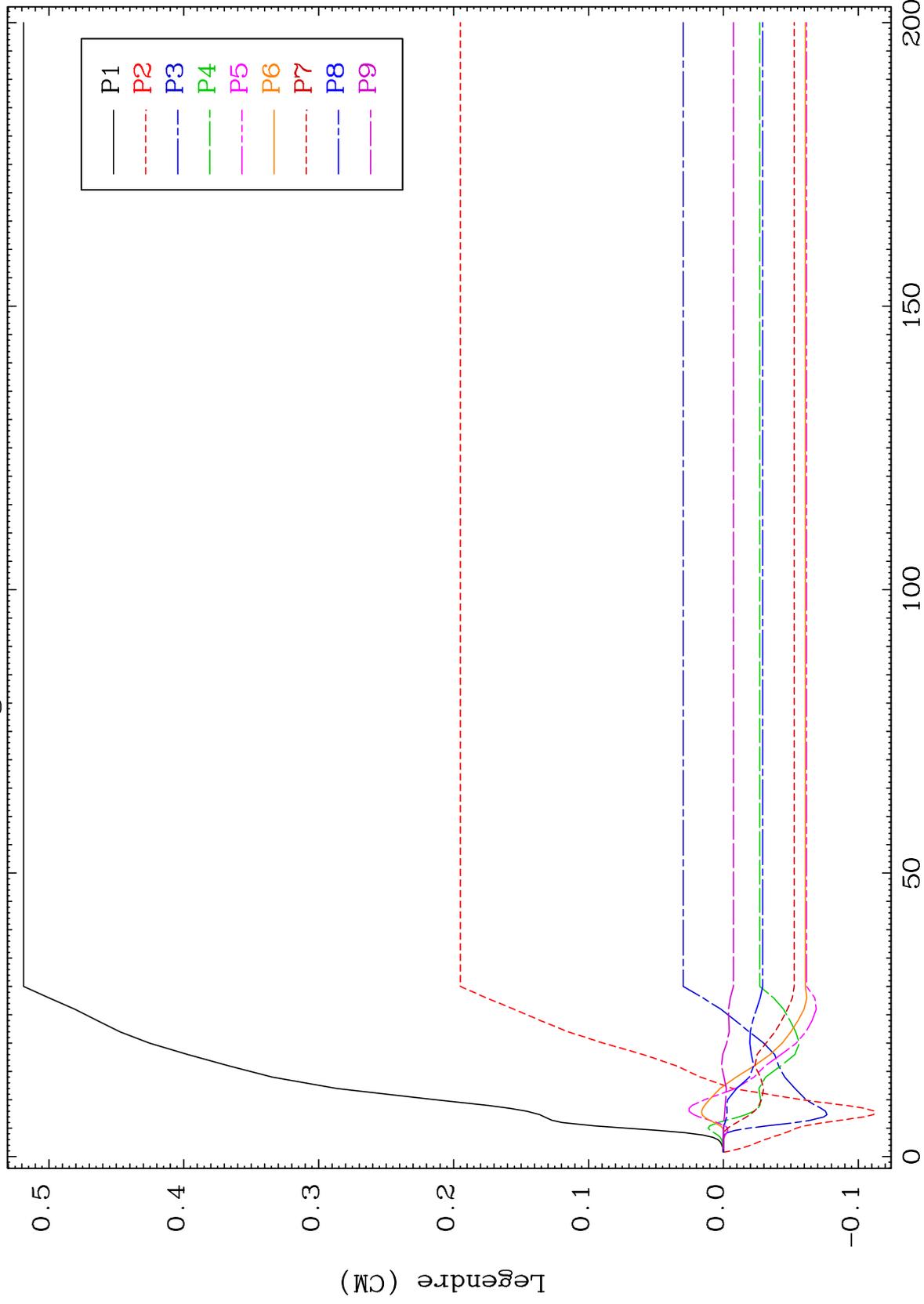
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



76

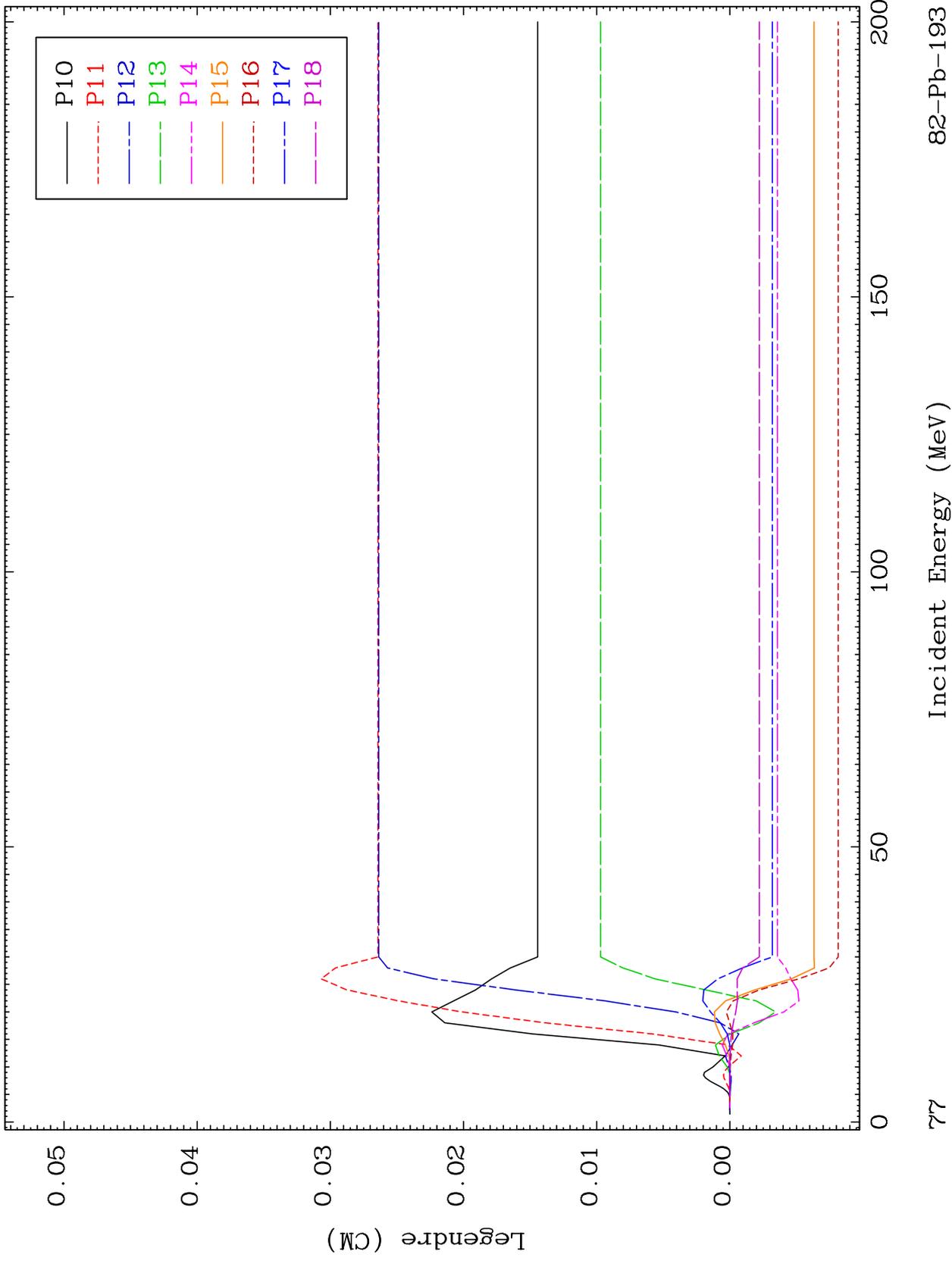
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



77

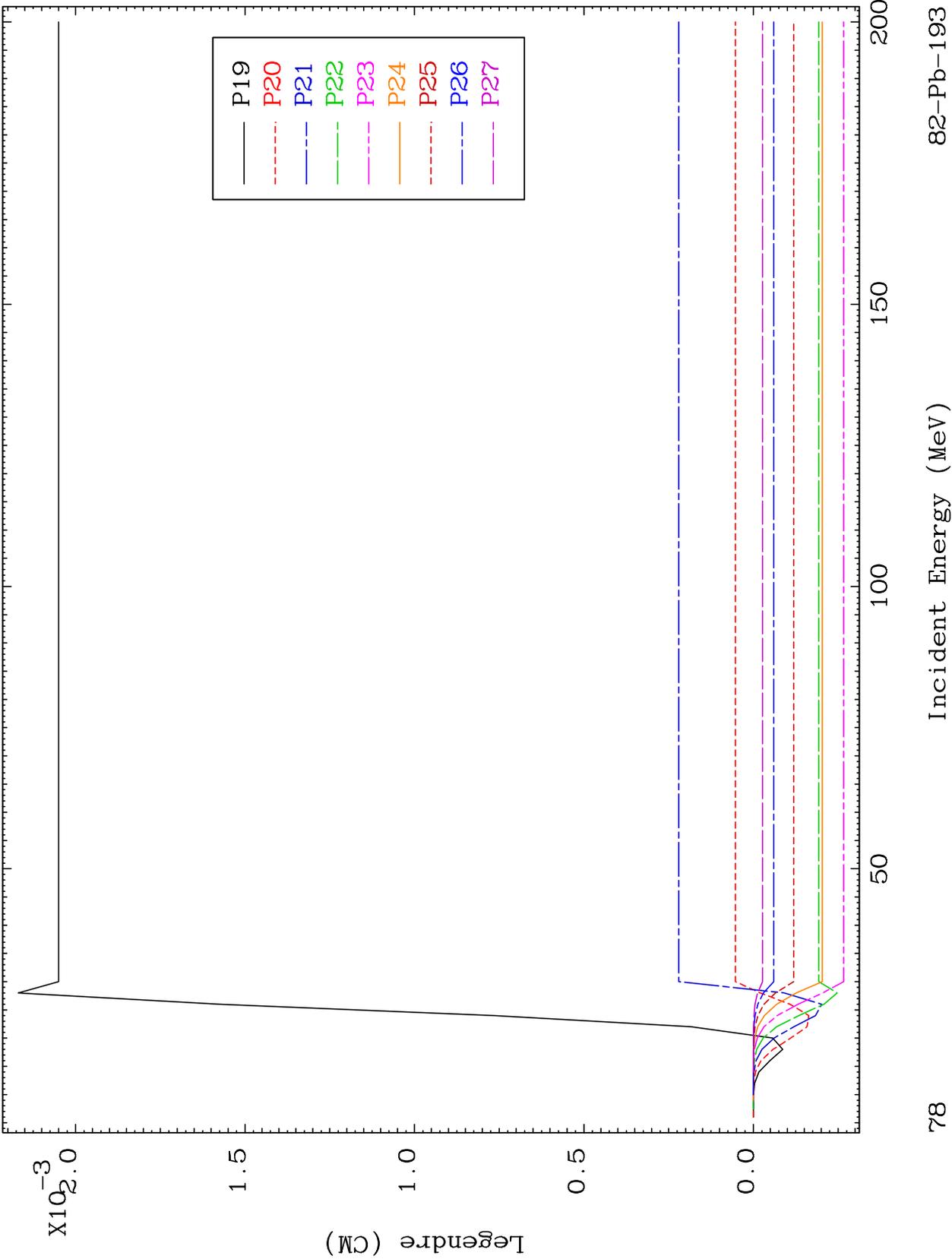
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



78

Incident Energy (MeV)

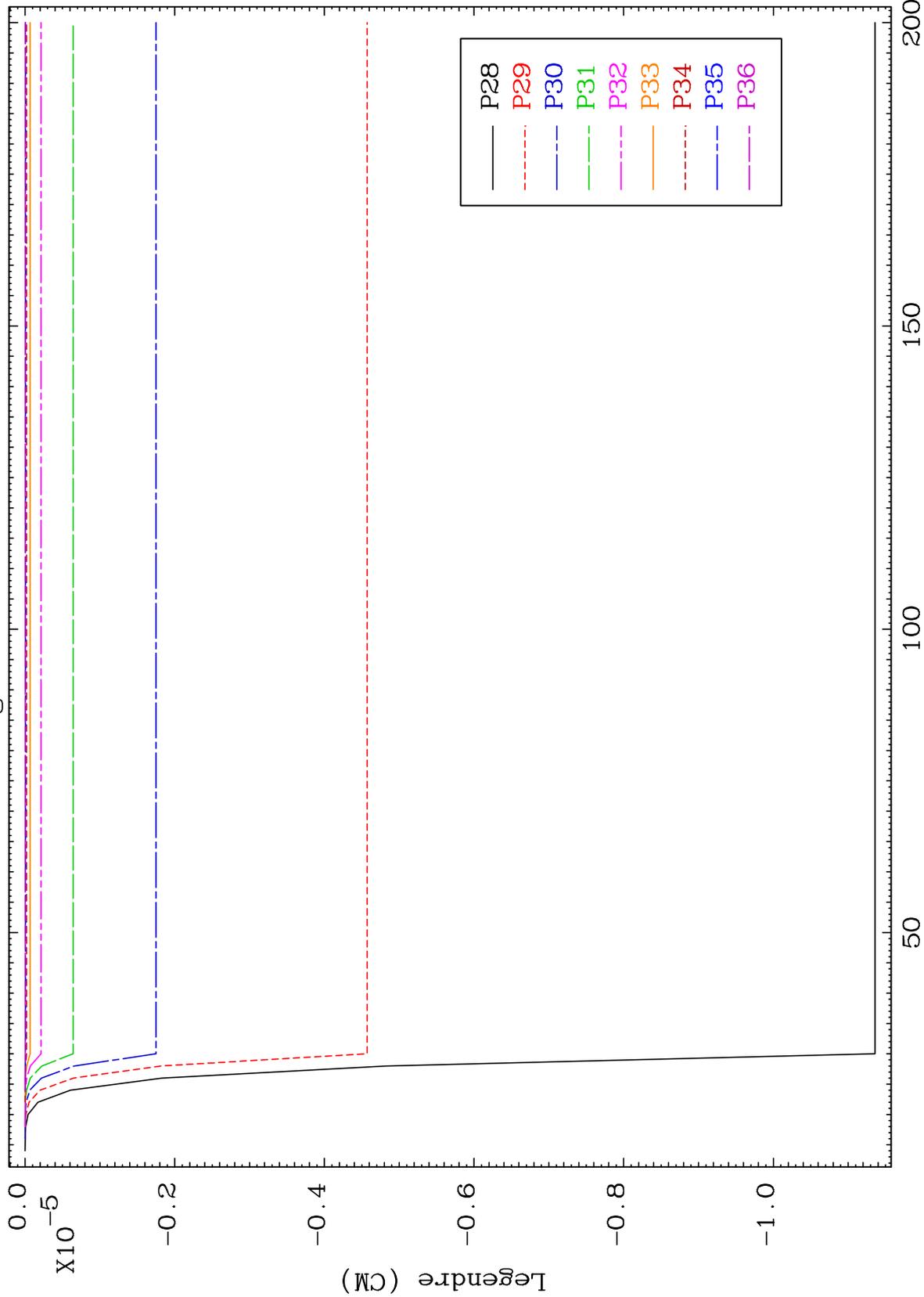
82-Pb-193

MAT 8192

MT= 65 (n,n') Level

82-Pb-193

Legendre Coefficients



79

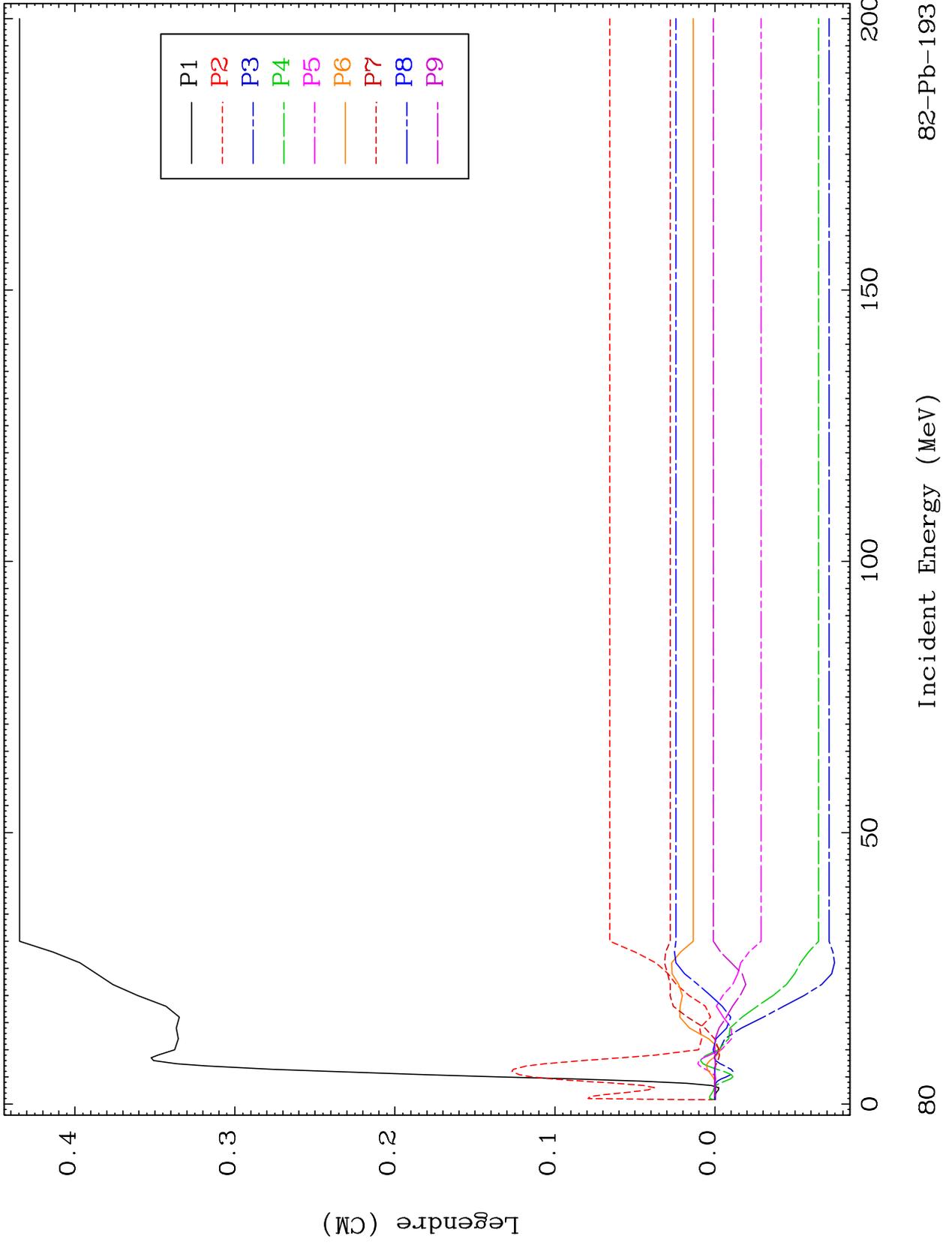
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193

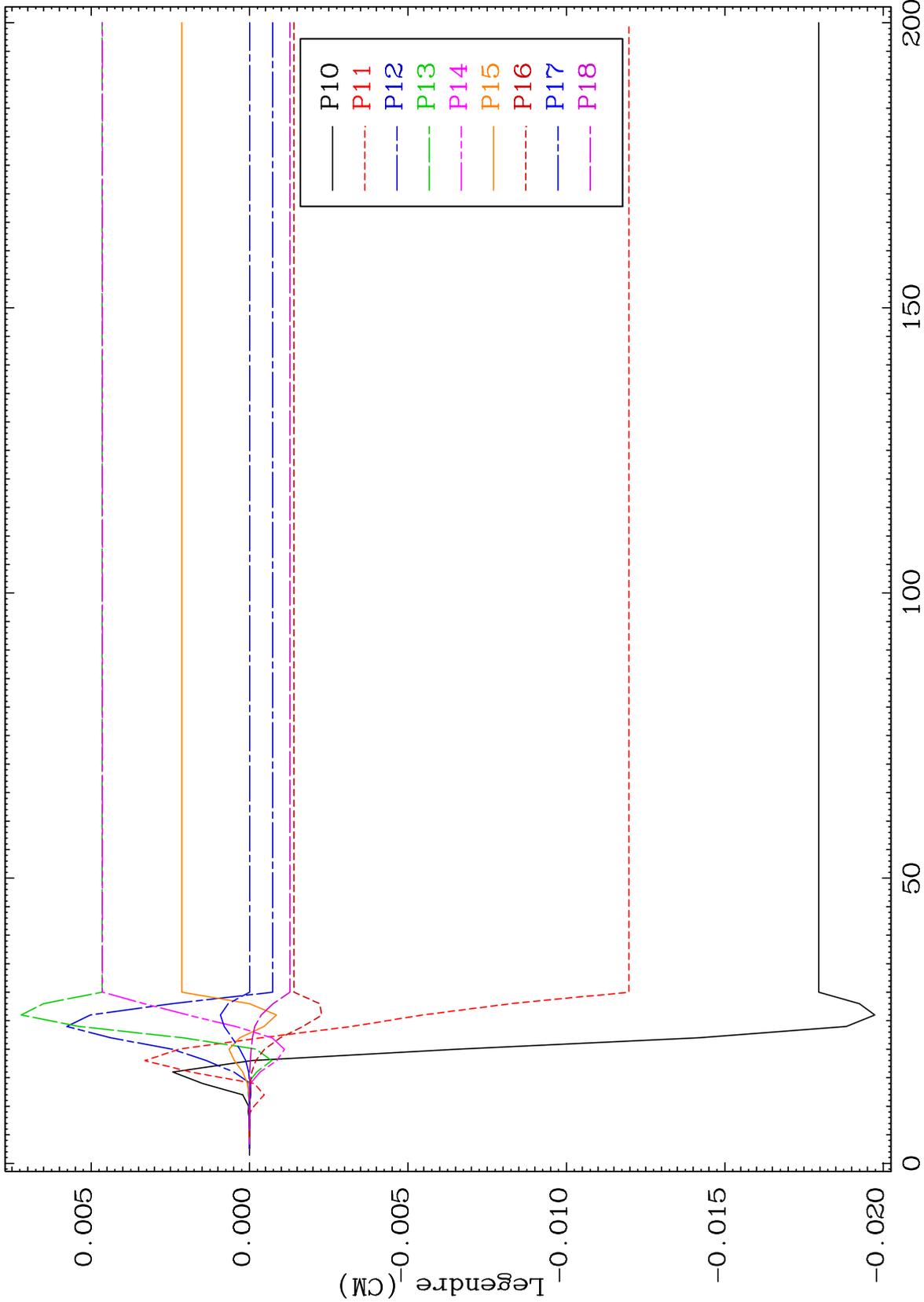


82-Pb-193

MAT 8192

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

82-Pb-193



81

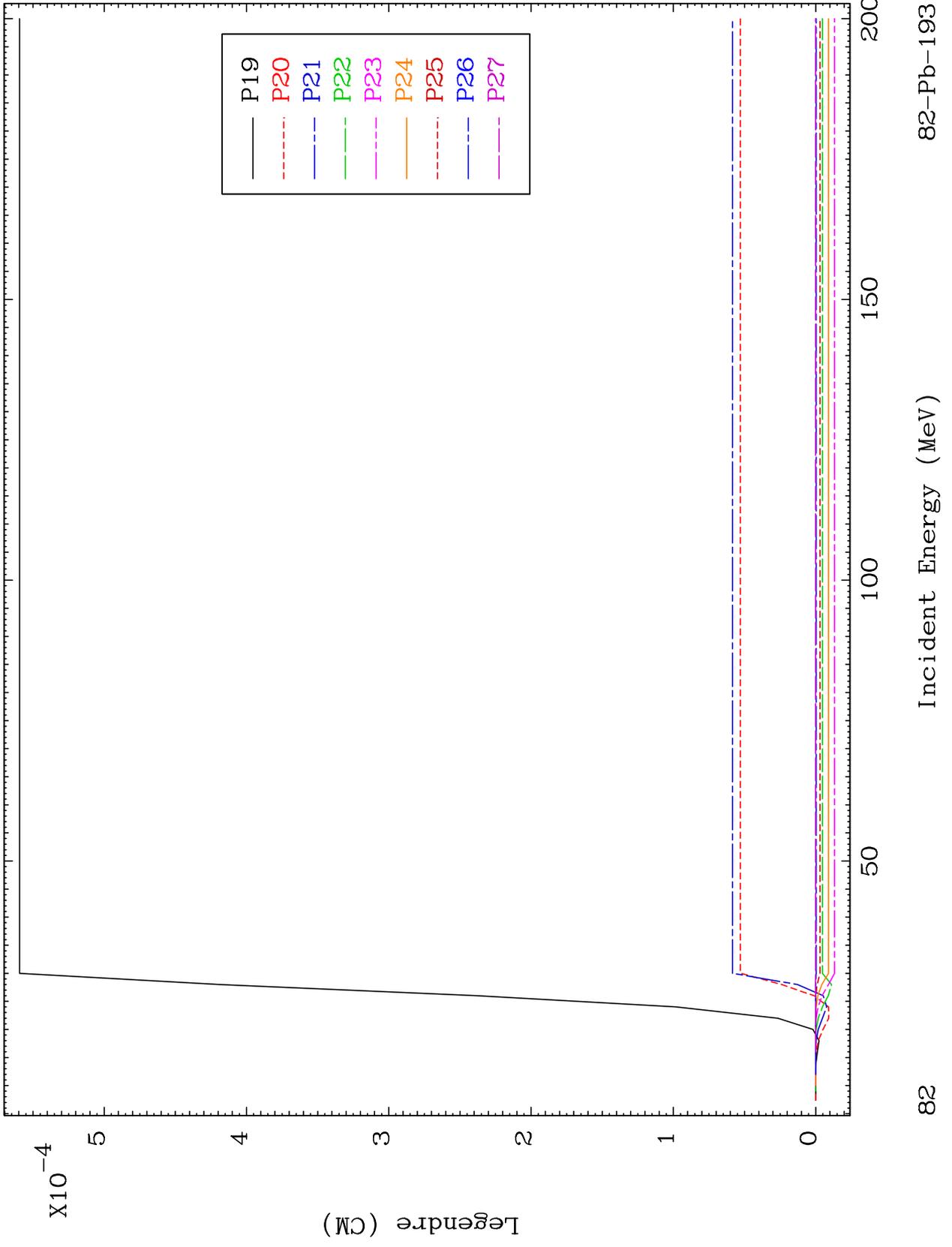
Incident Energy (MeV)

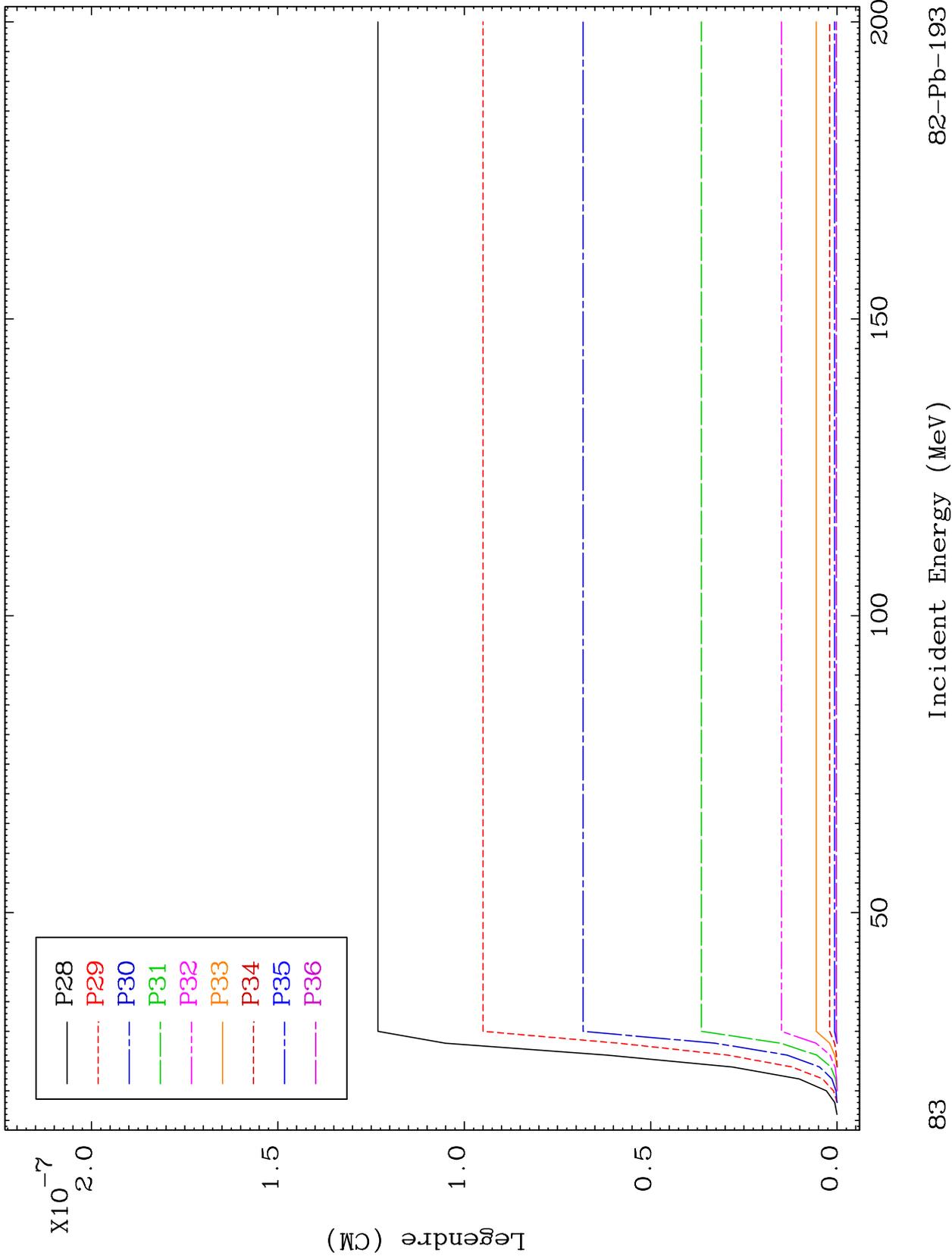
82-Pb-193

MAT 8192

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

82-Pb-193

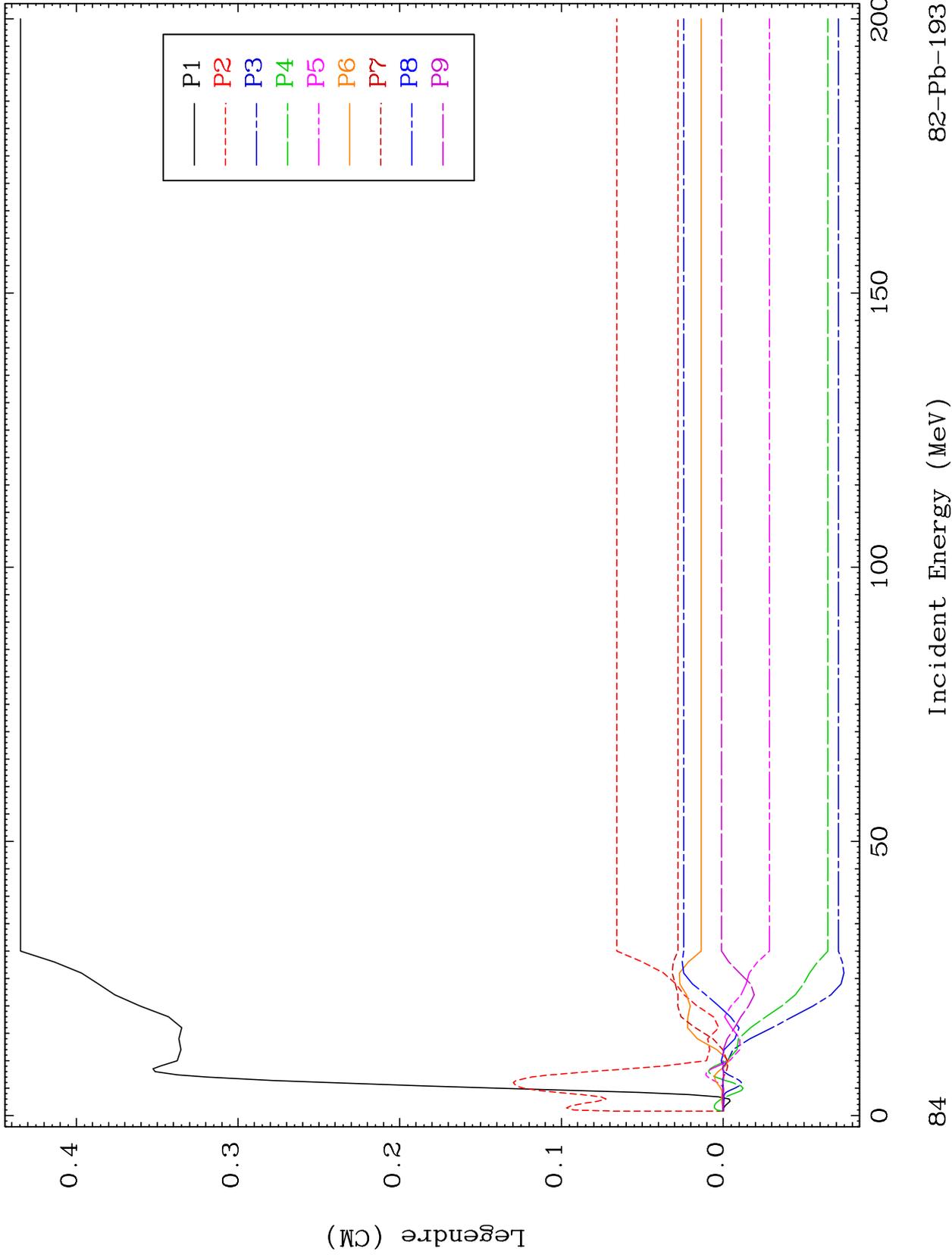




MAT 8192

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

82-Pb-193



84

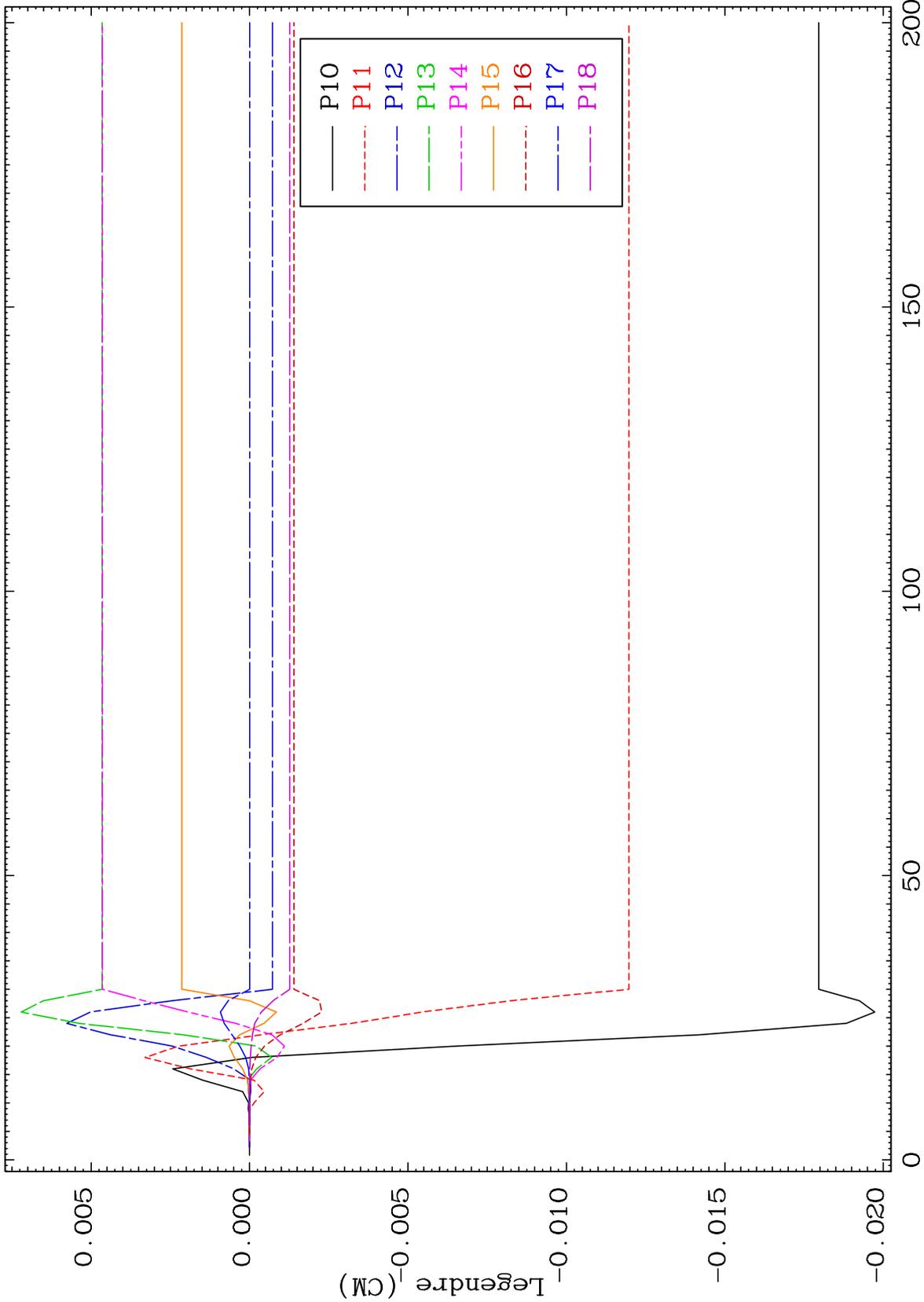
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



85

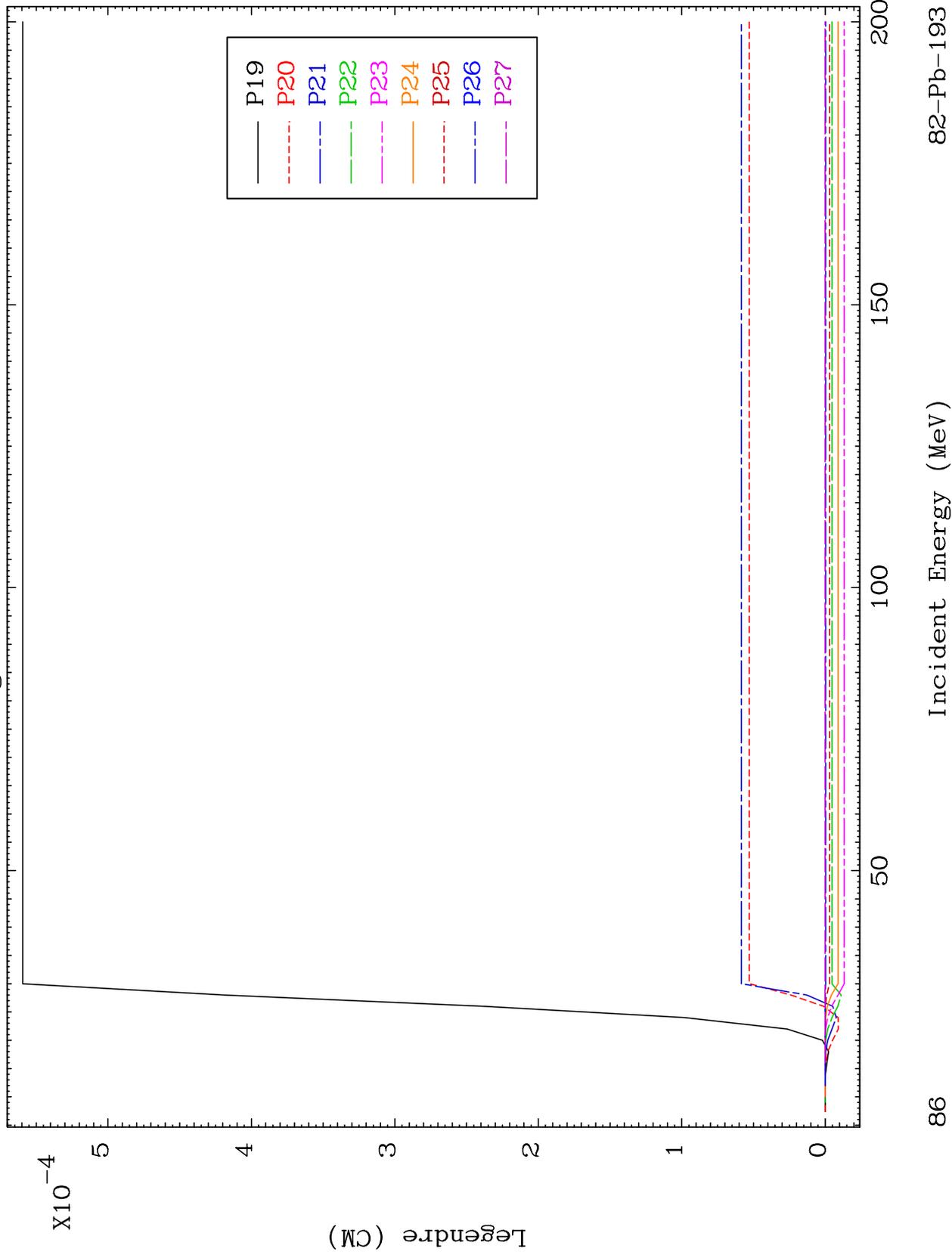
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



86

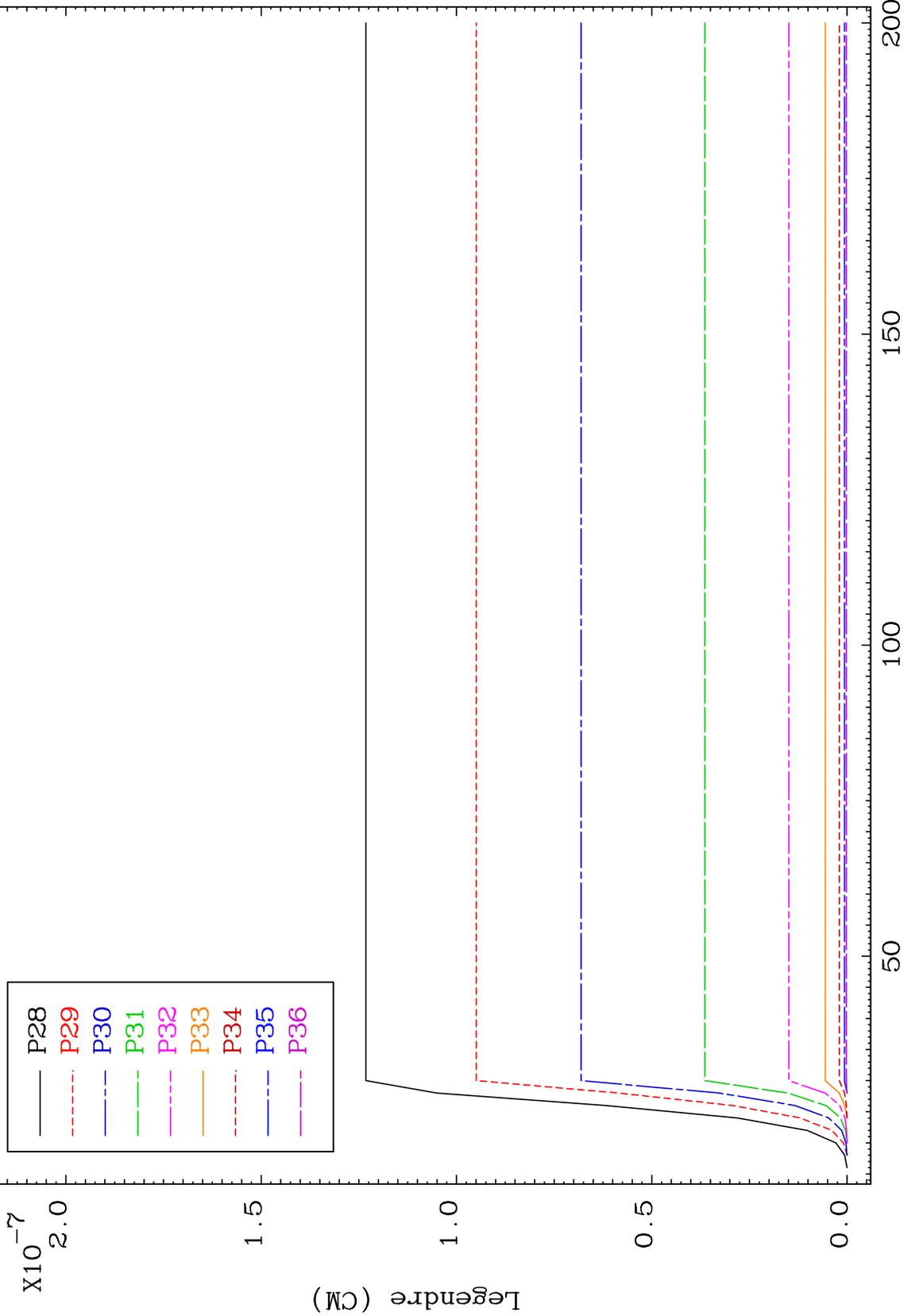
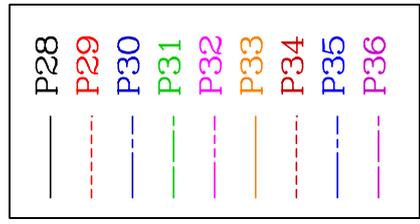
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



87

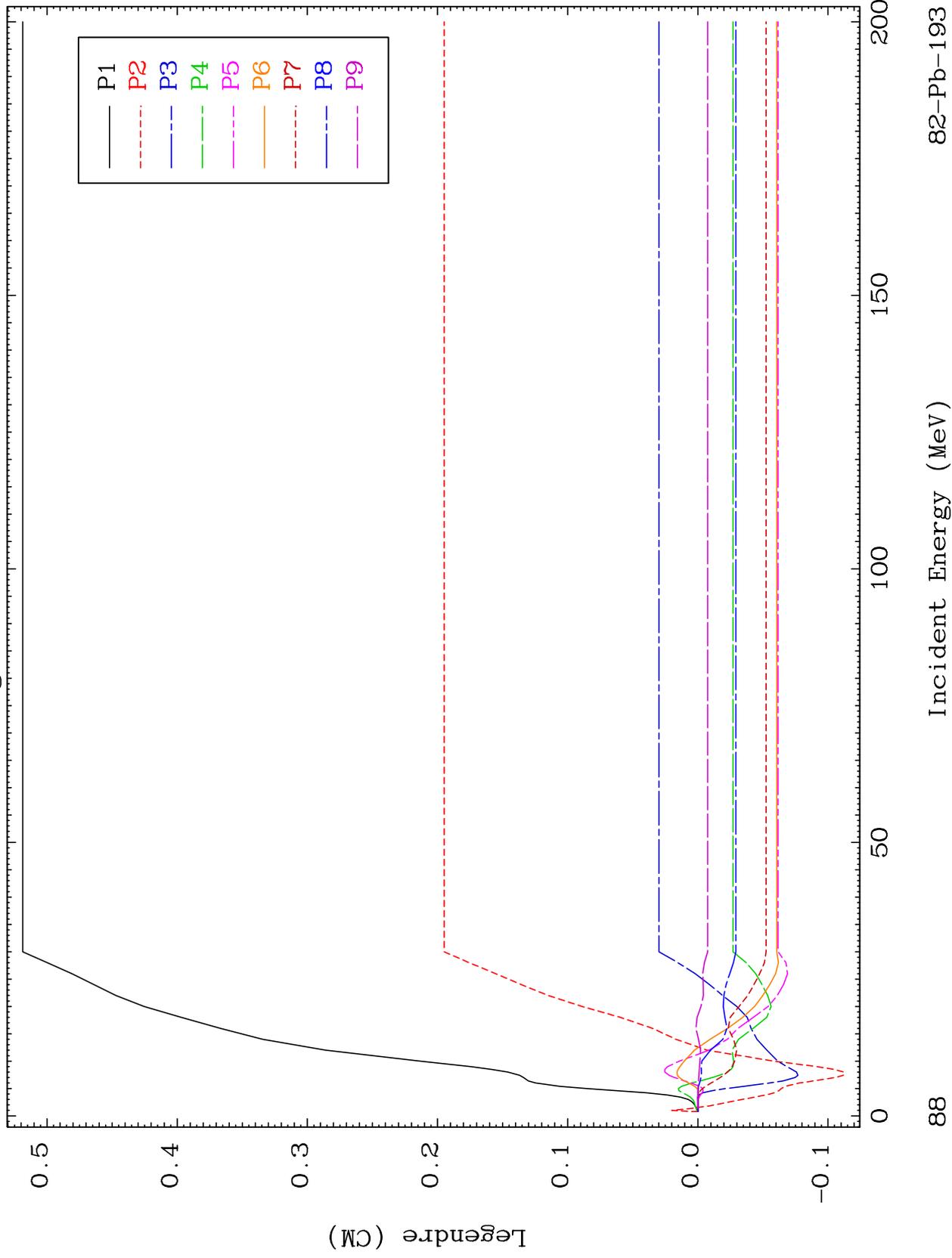
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

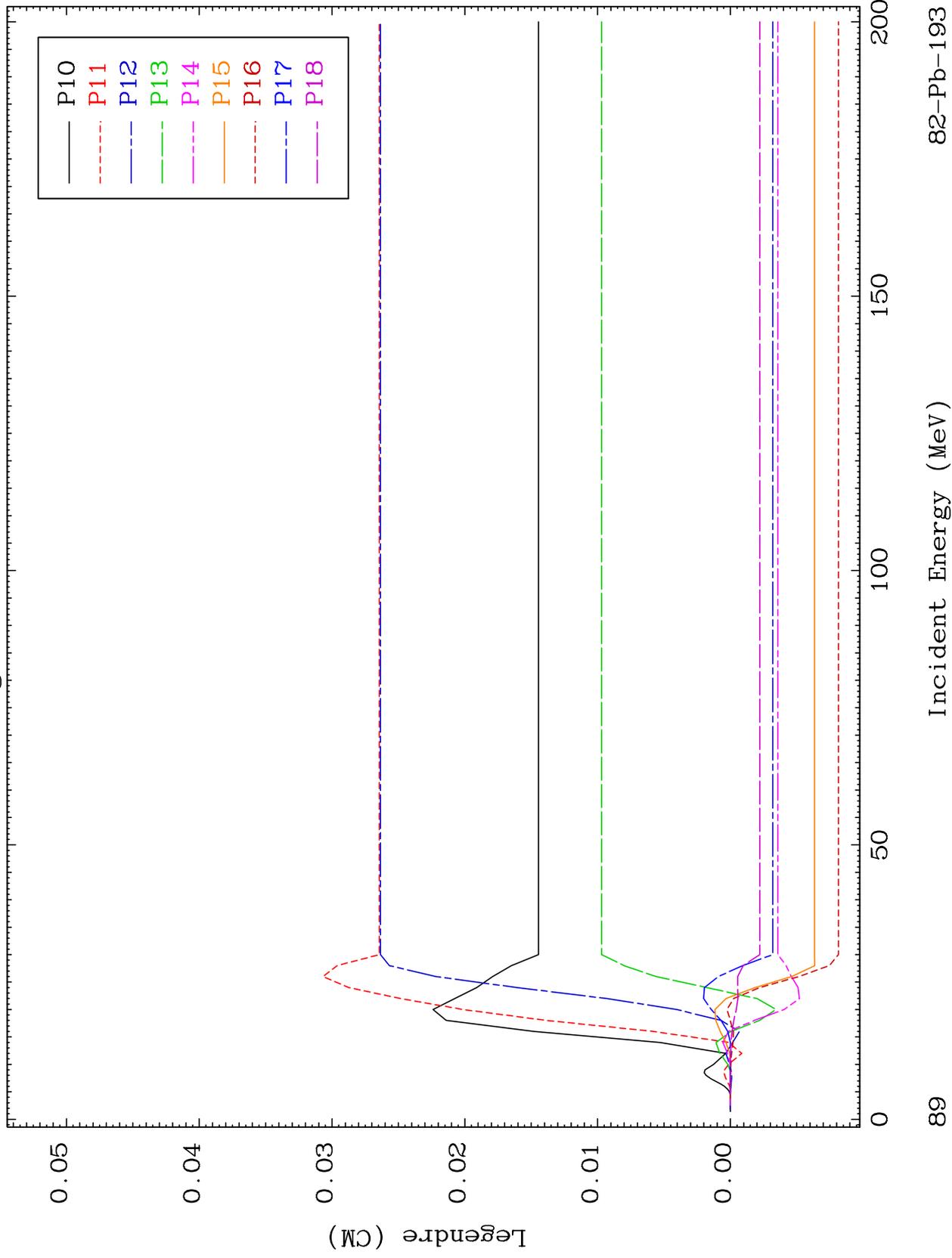
Incident Energy (MeV)

88

MAT 8192

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

82-Pb-193



82-Pb-193

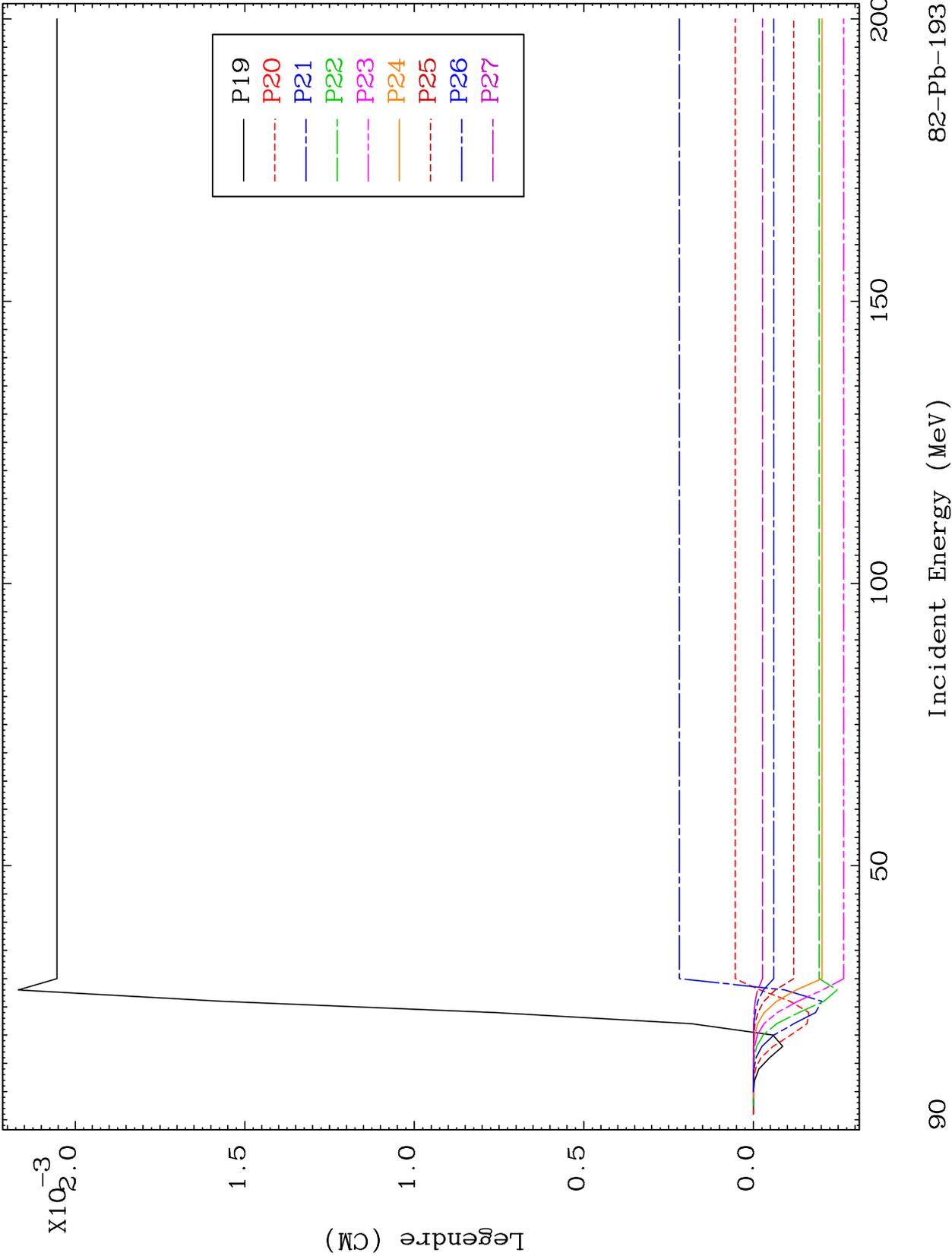
Incident Energy (MeV)

89

MAT 8192

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

82-Pb-193



90

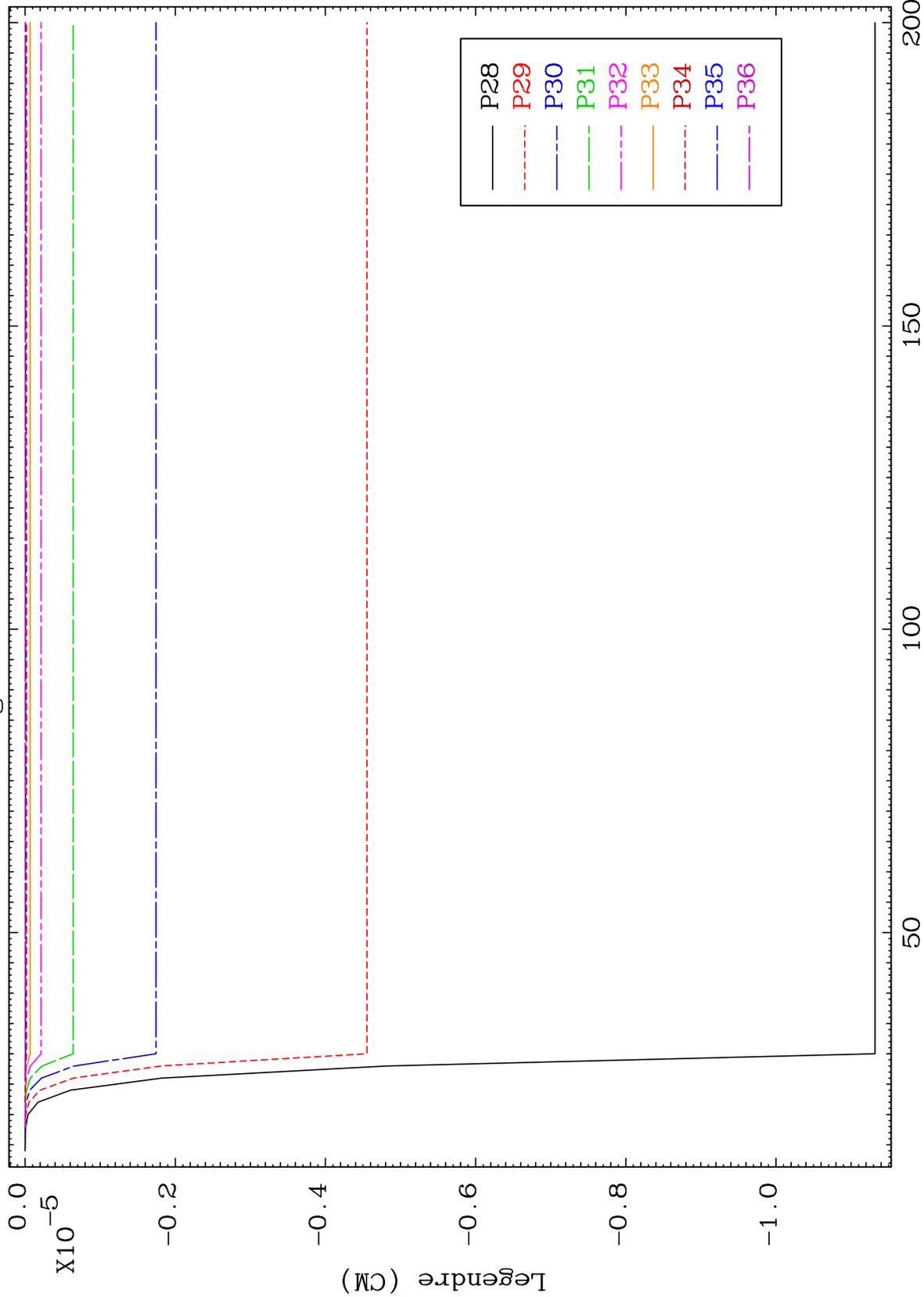
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

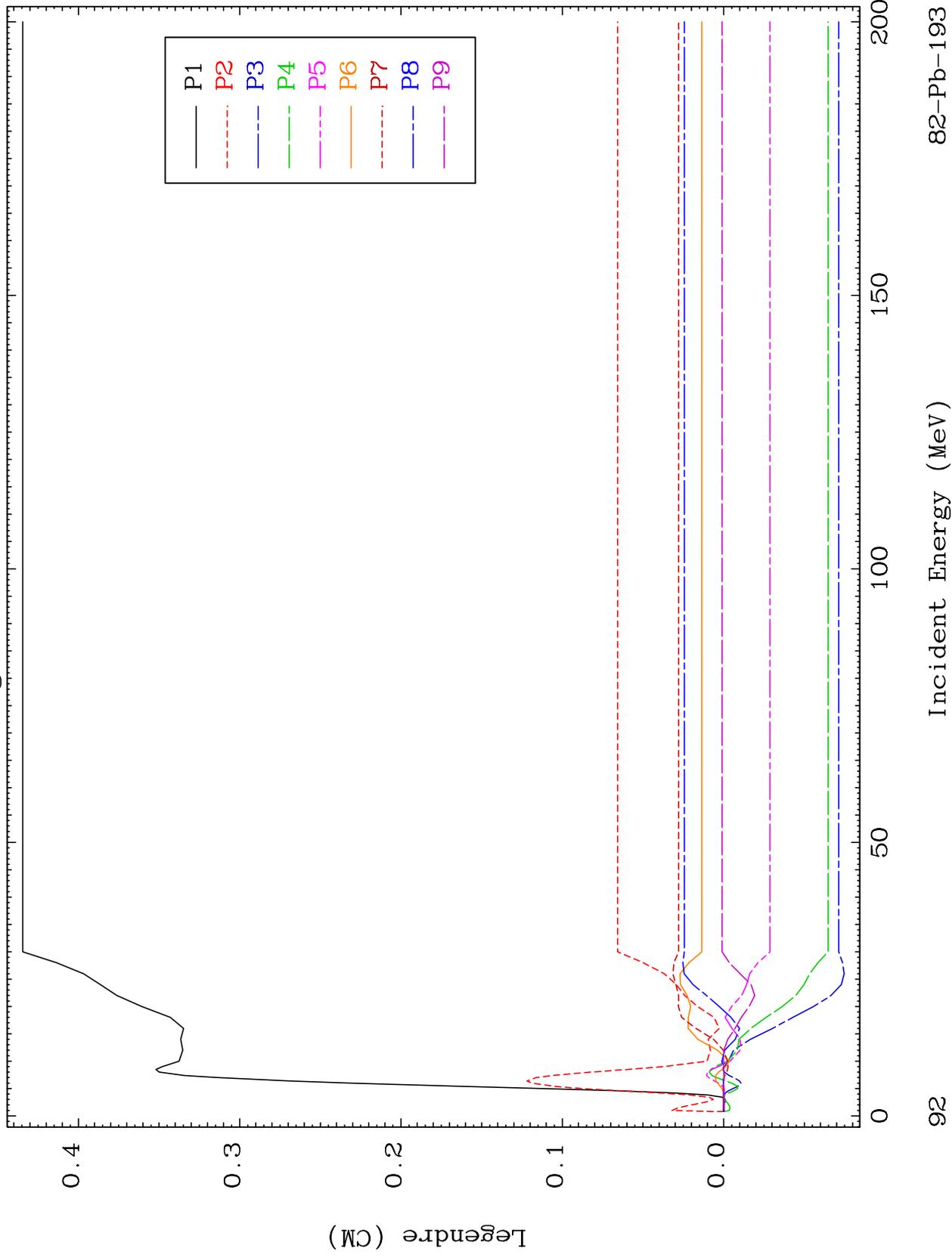
82-Pb-193



MAT 8192

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

82-Pb-193



92

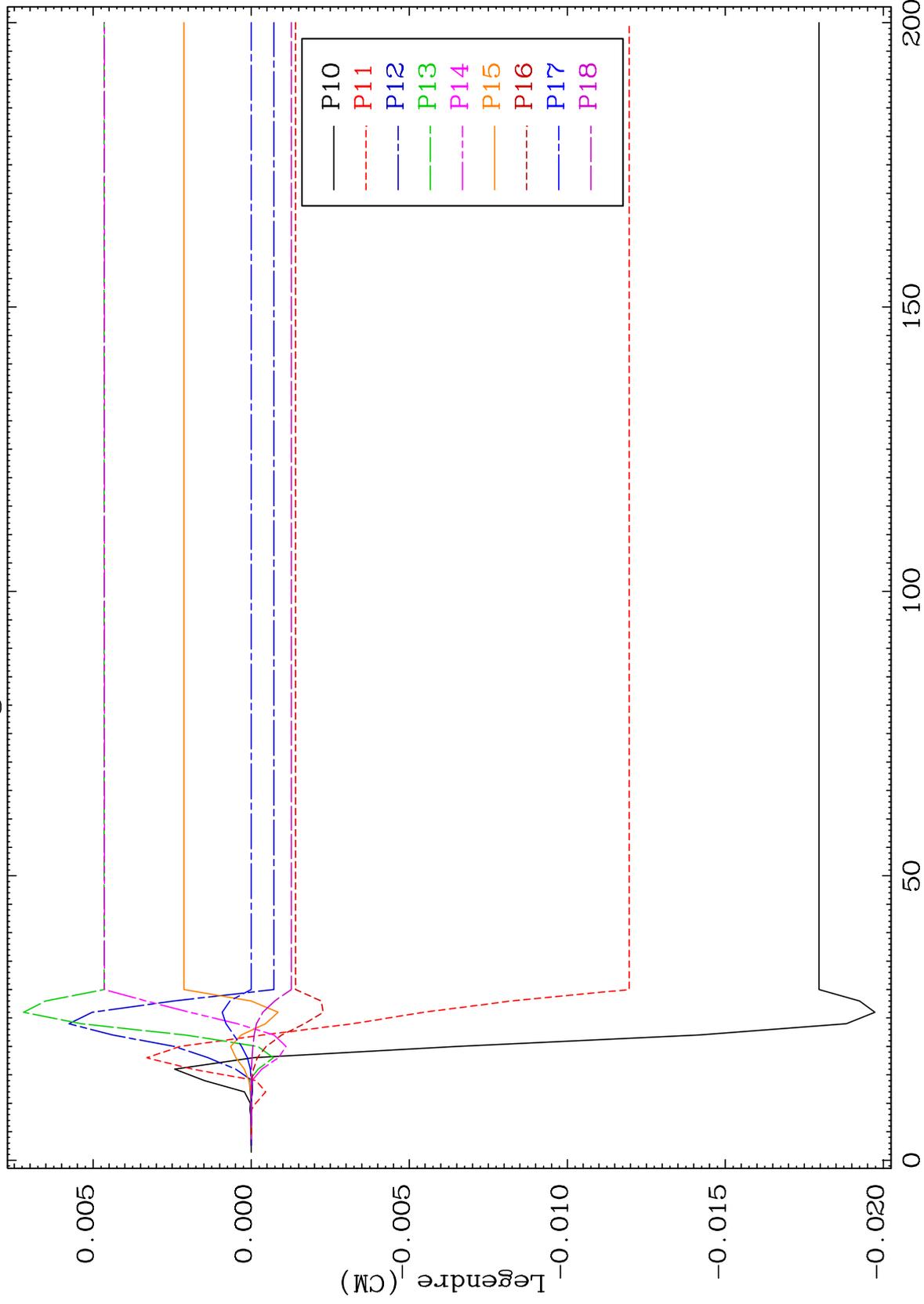
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



93

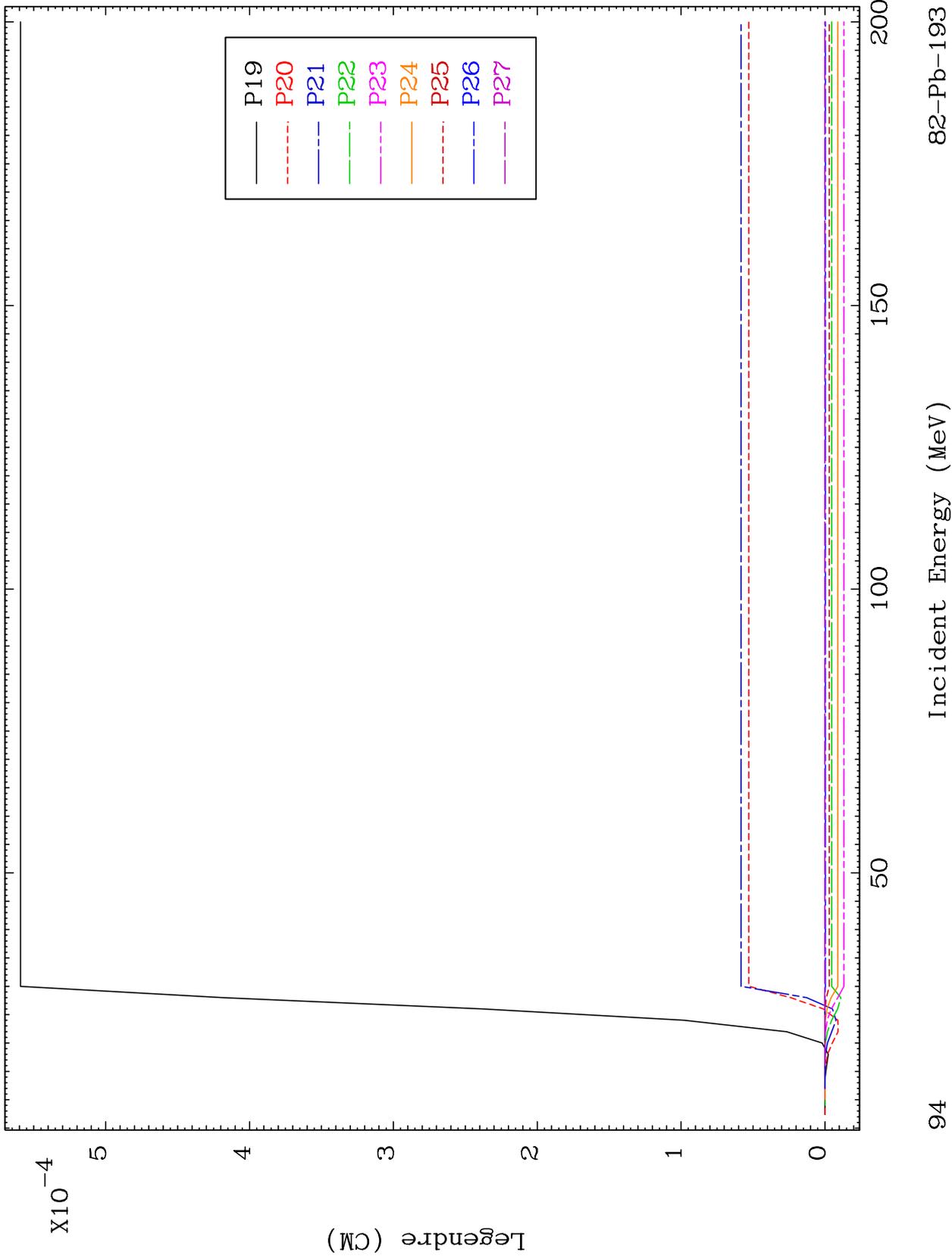
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

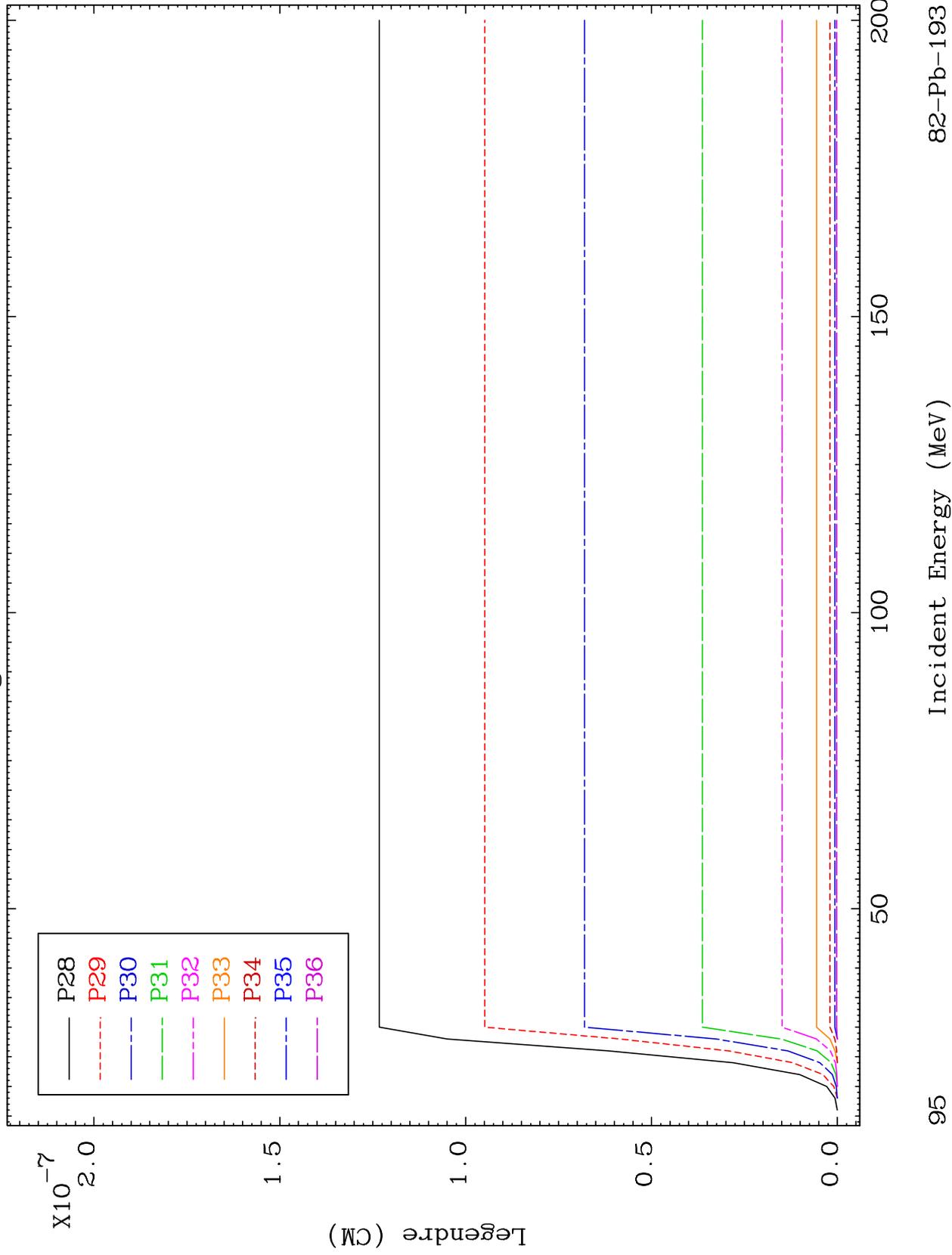
82-Pb-193



MAT 8192

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

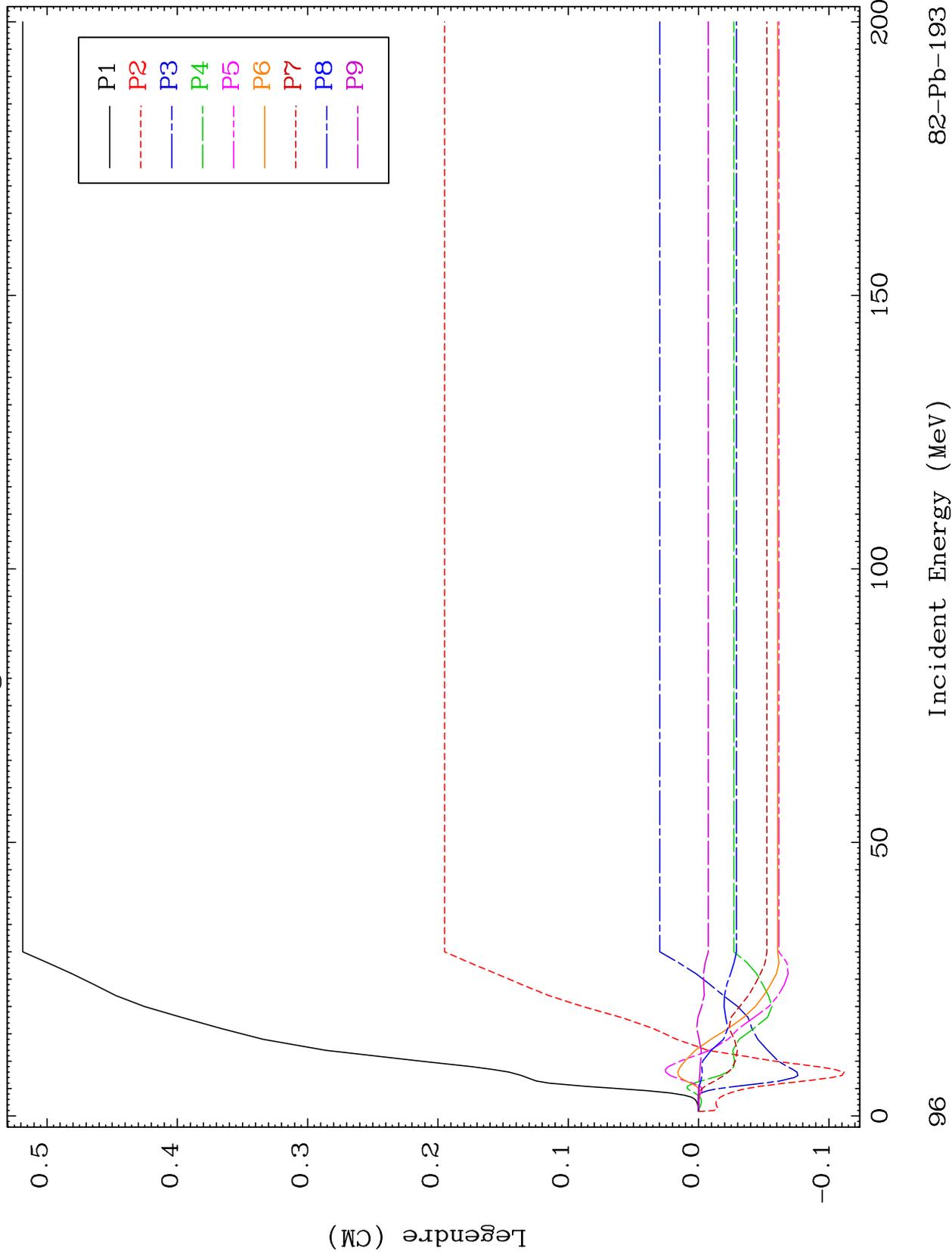
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

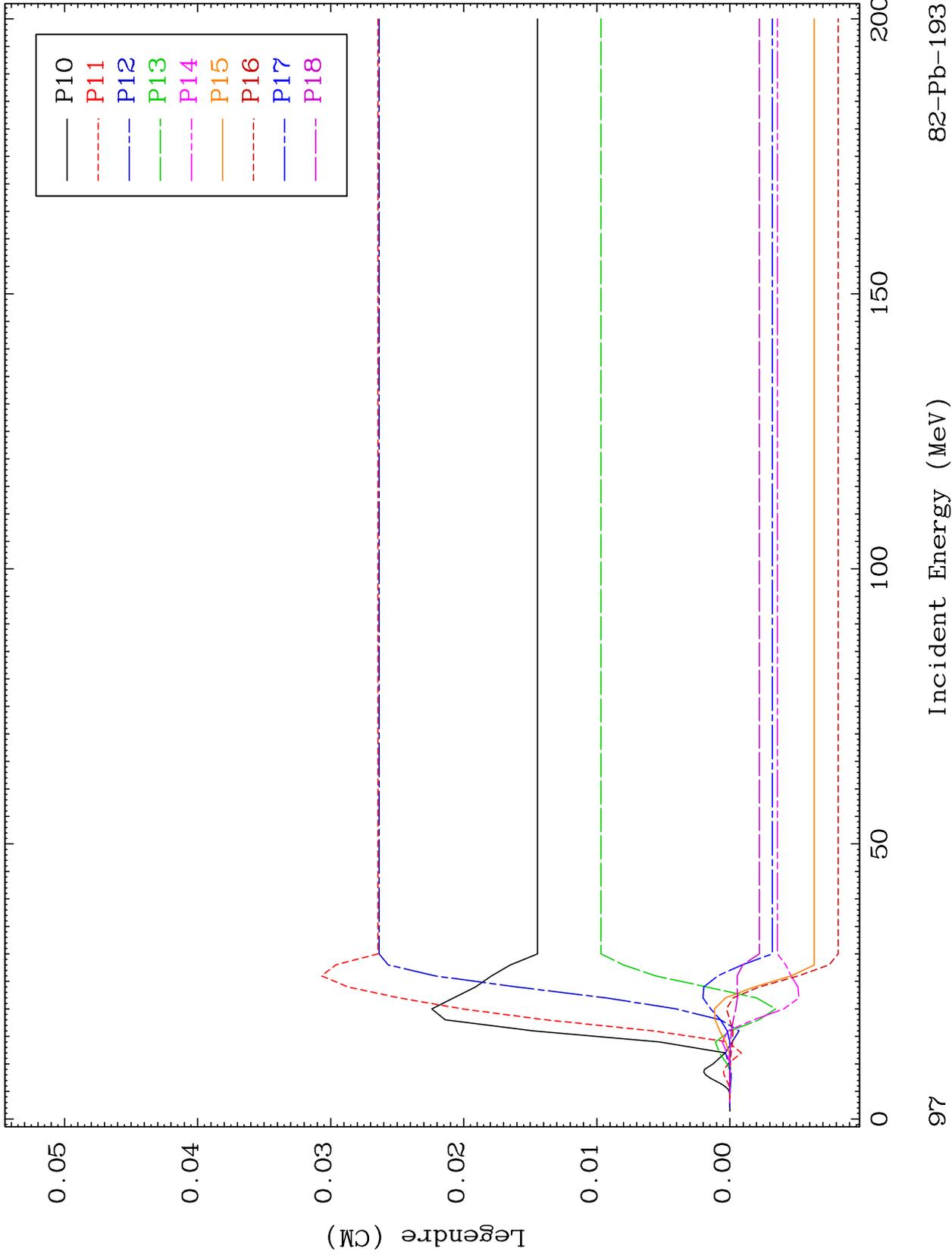
Incident Energy (MeV)

96

MAT 8192

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

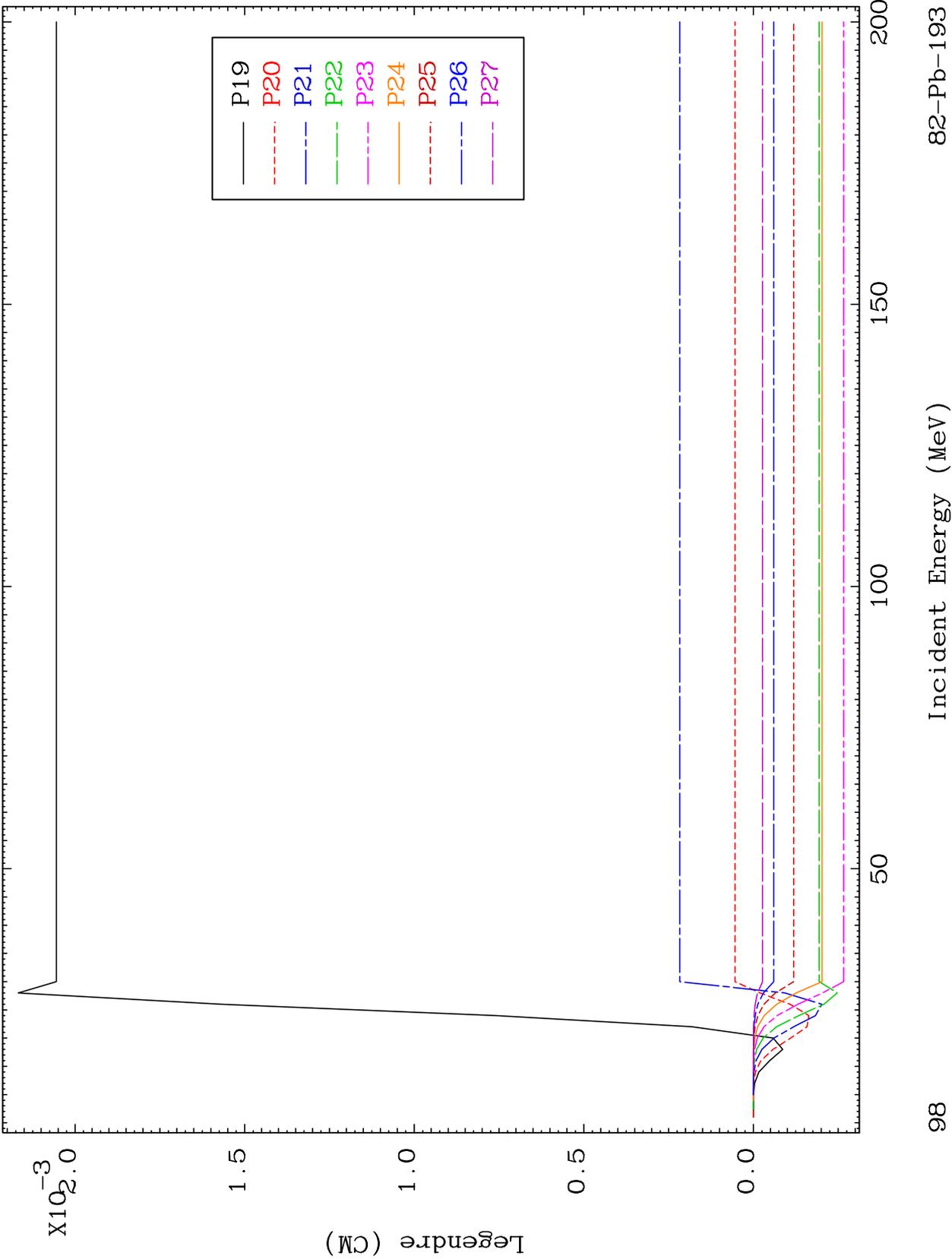
82-Pb-193



97

Incident Energy (MeV)

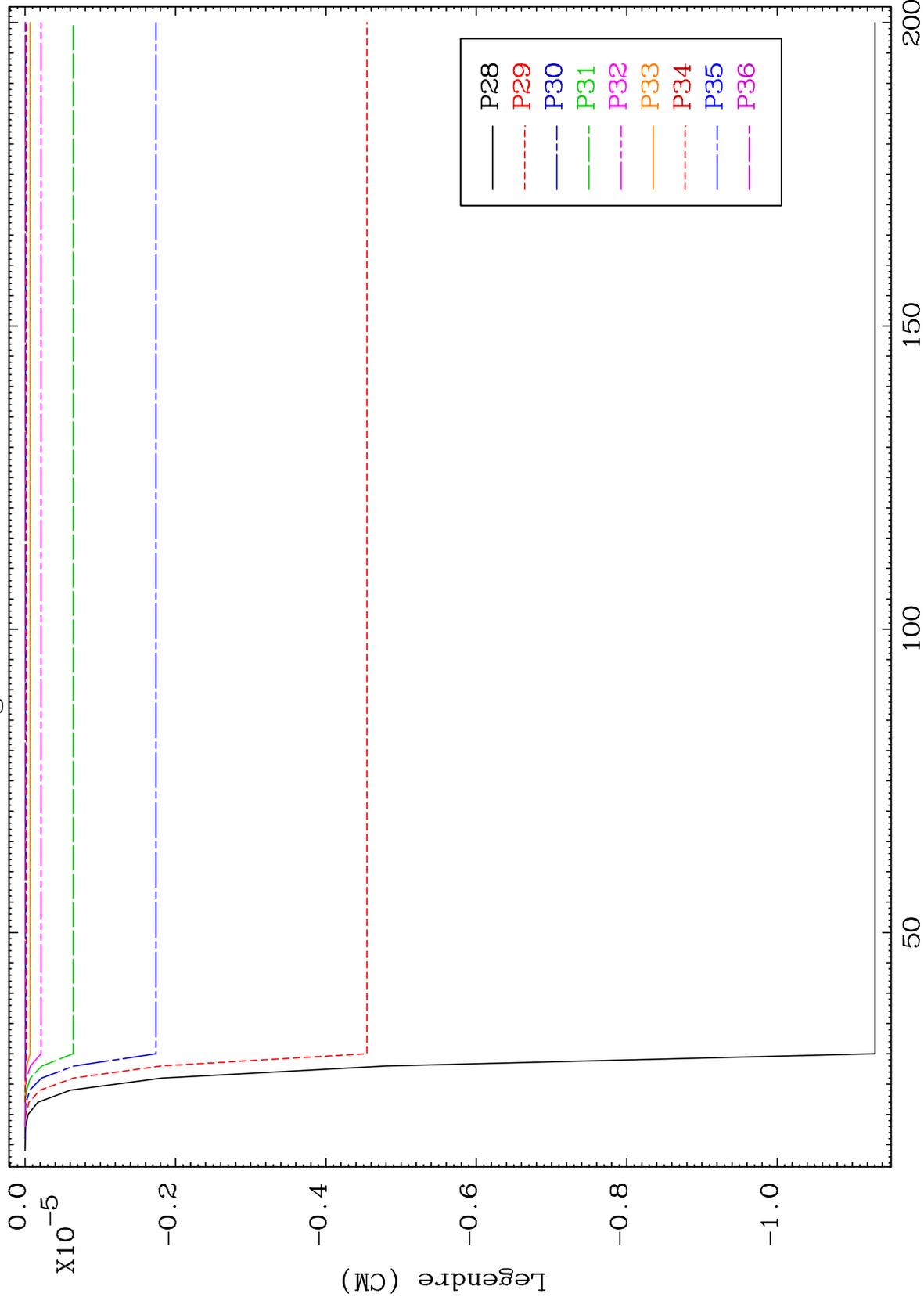
82-Pb-193



MAT 8192

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

82-Pb-193



99

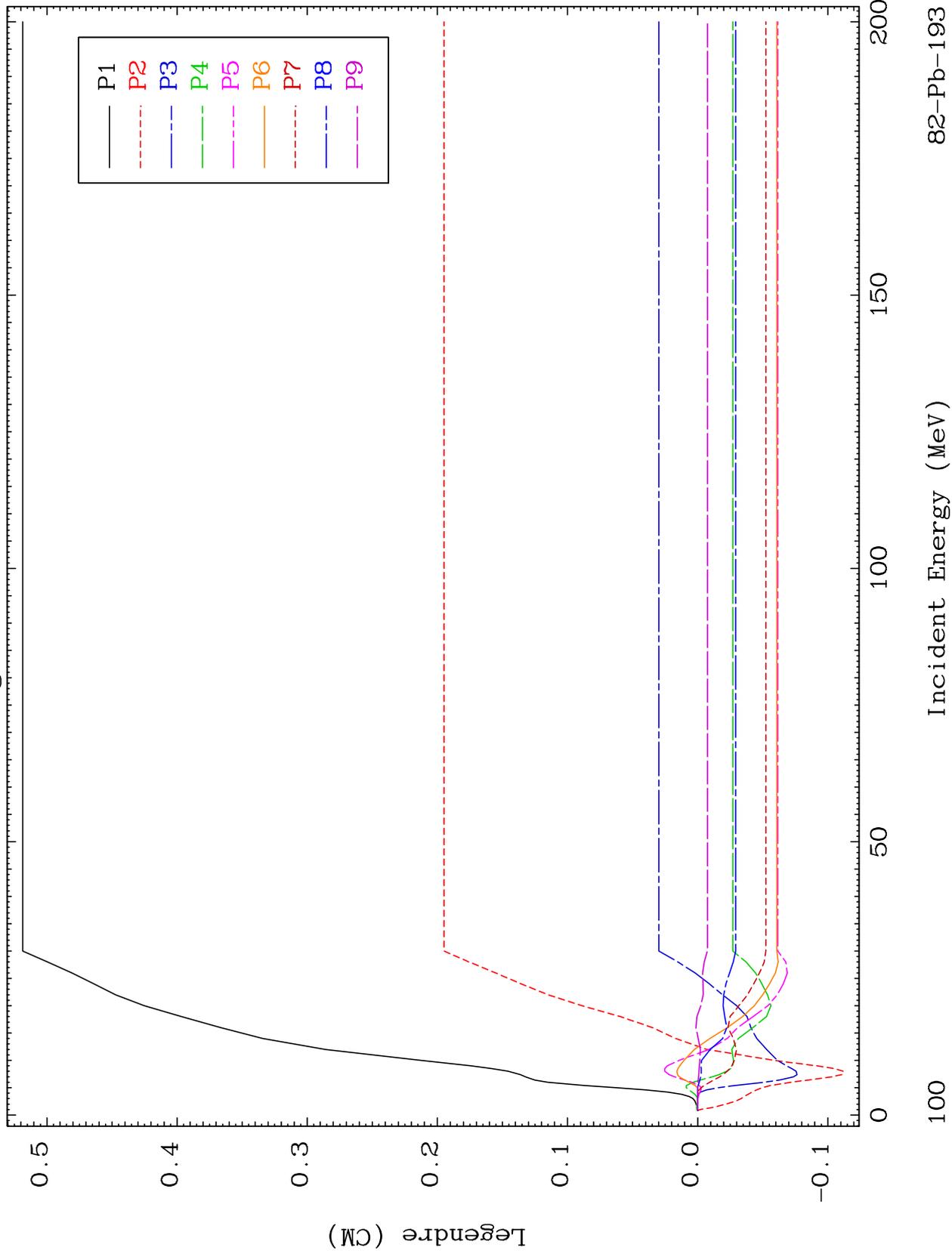
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193

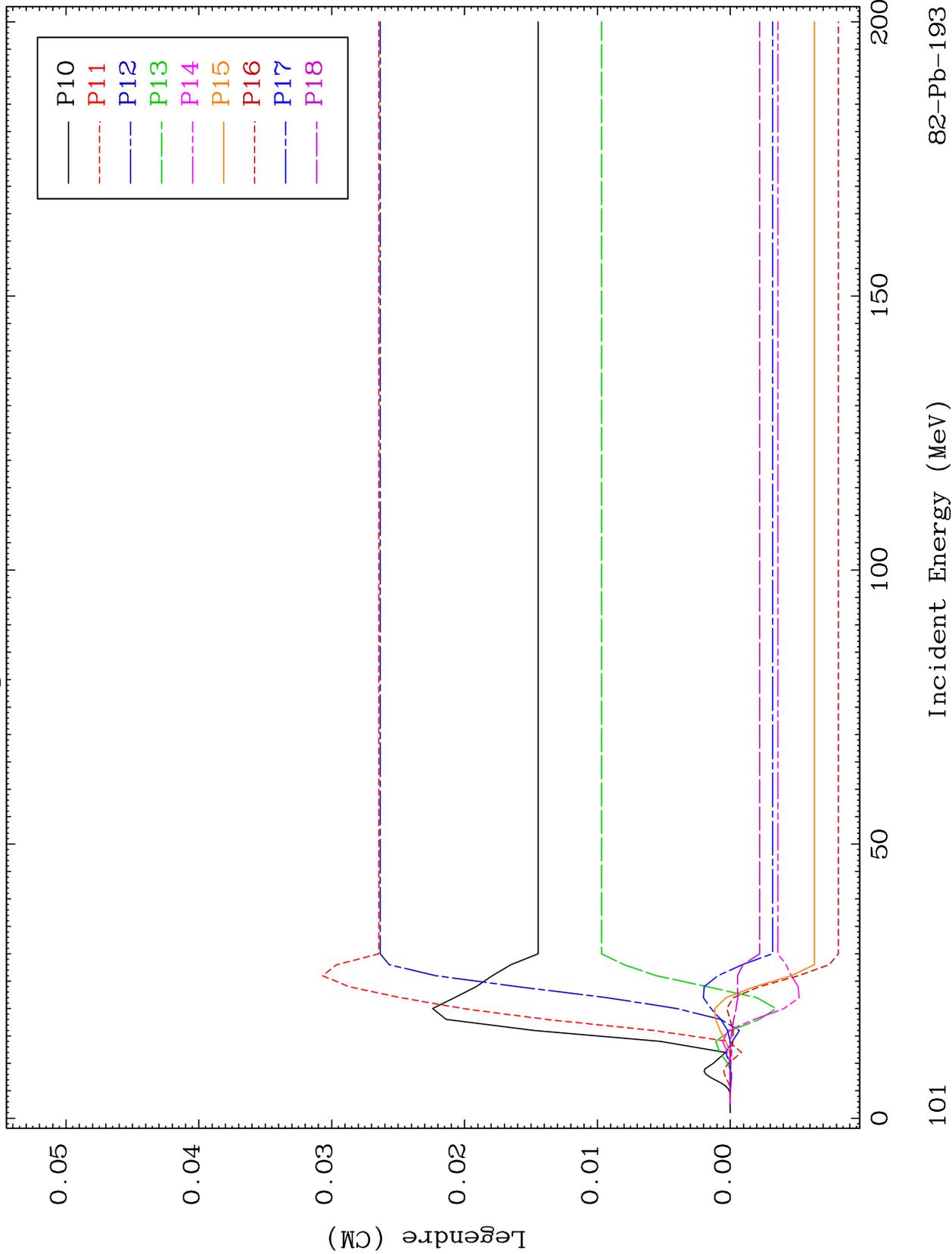


82-Pb-193

MAT 8192

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

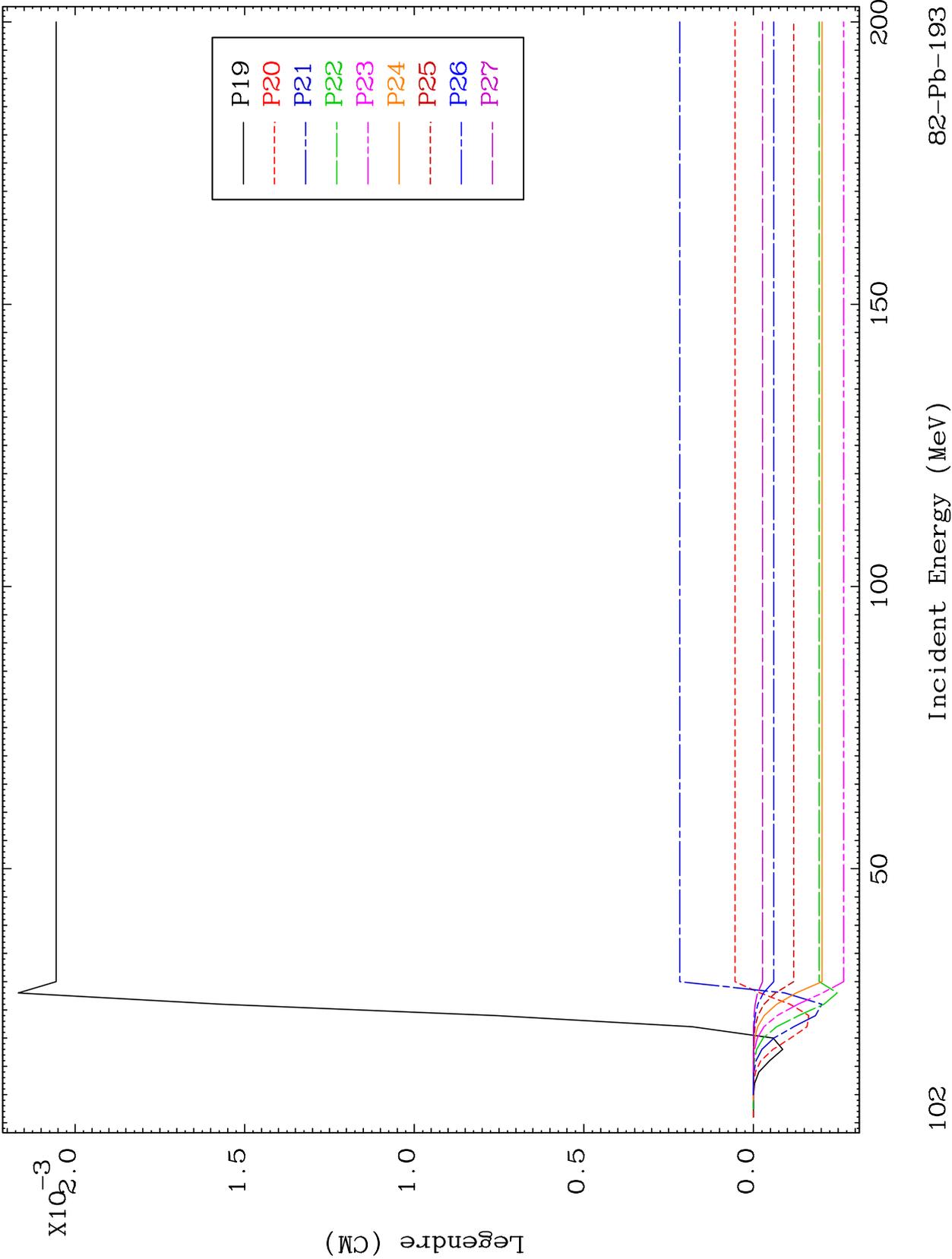
82-Pb-193

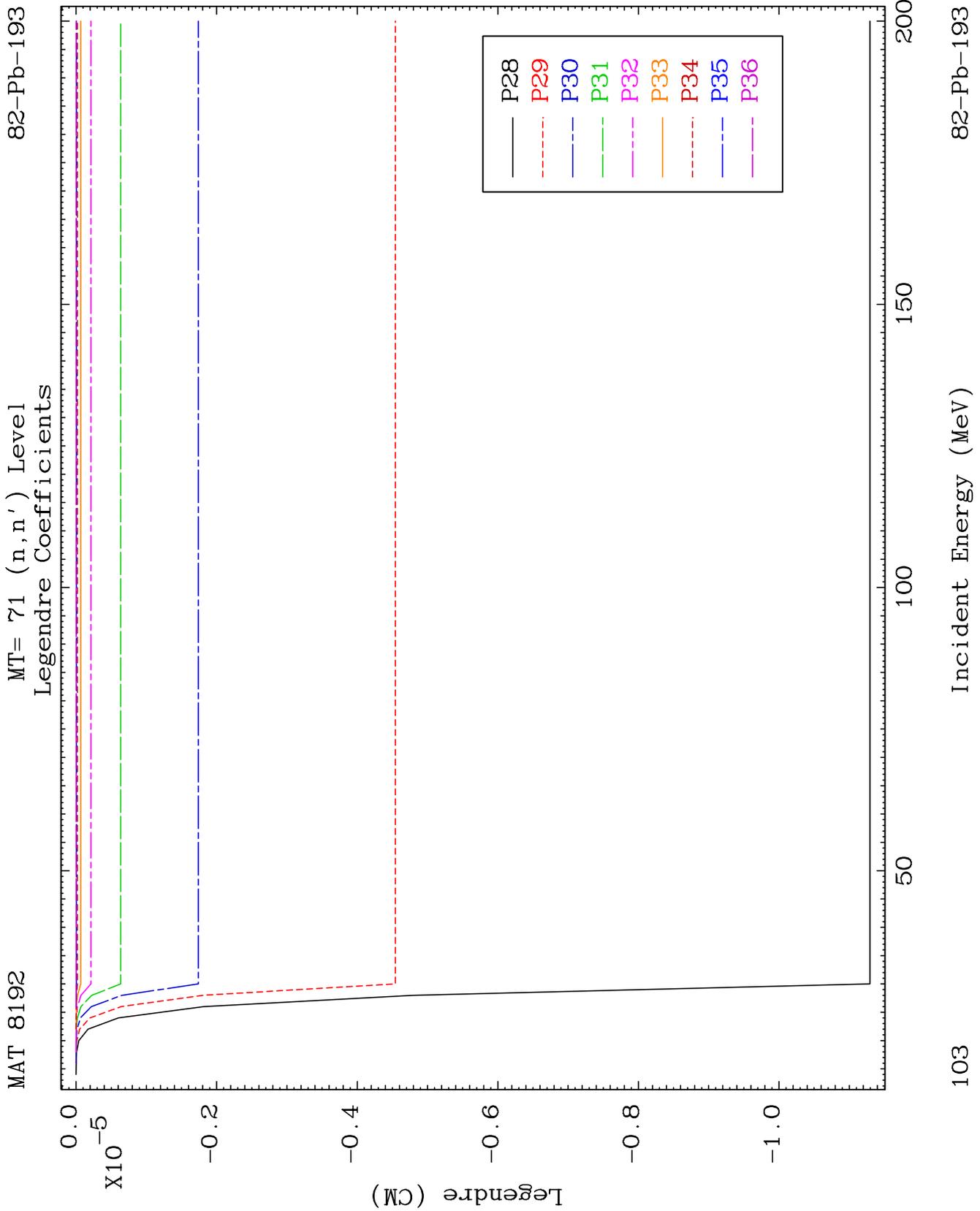


101

Incident Energy (MeV)

82-Pb-193

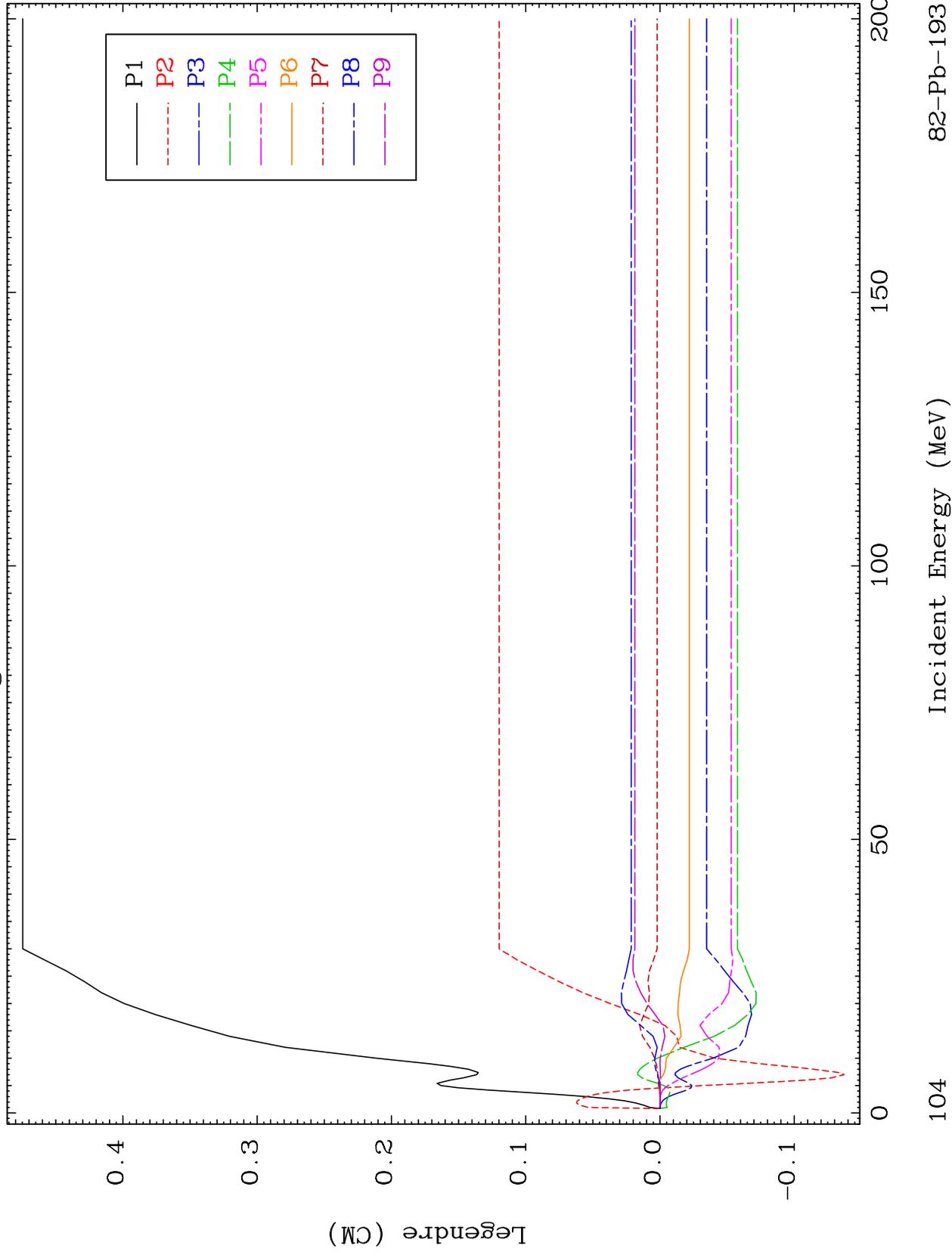




MAT 8192

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

82-Pb-193



82-Pb-193

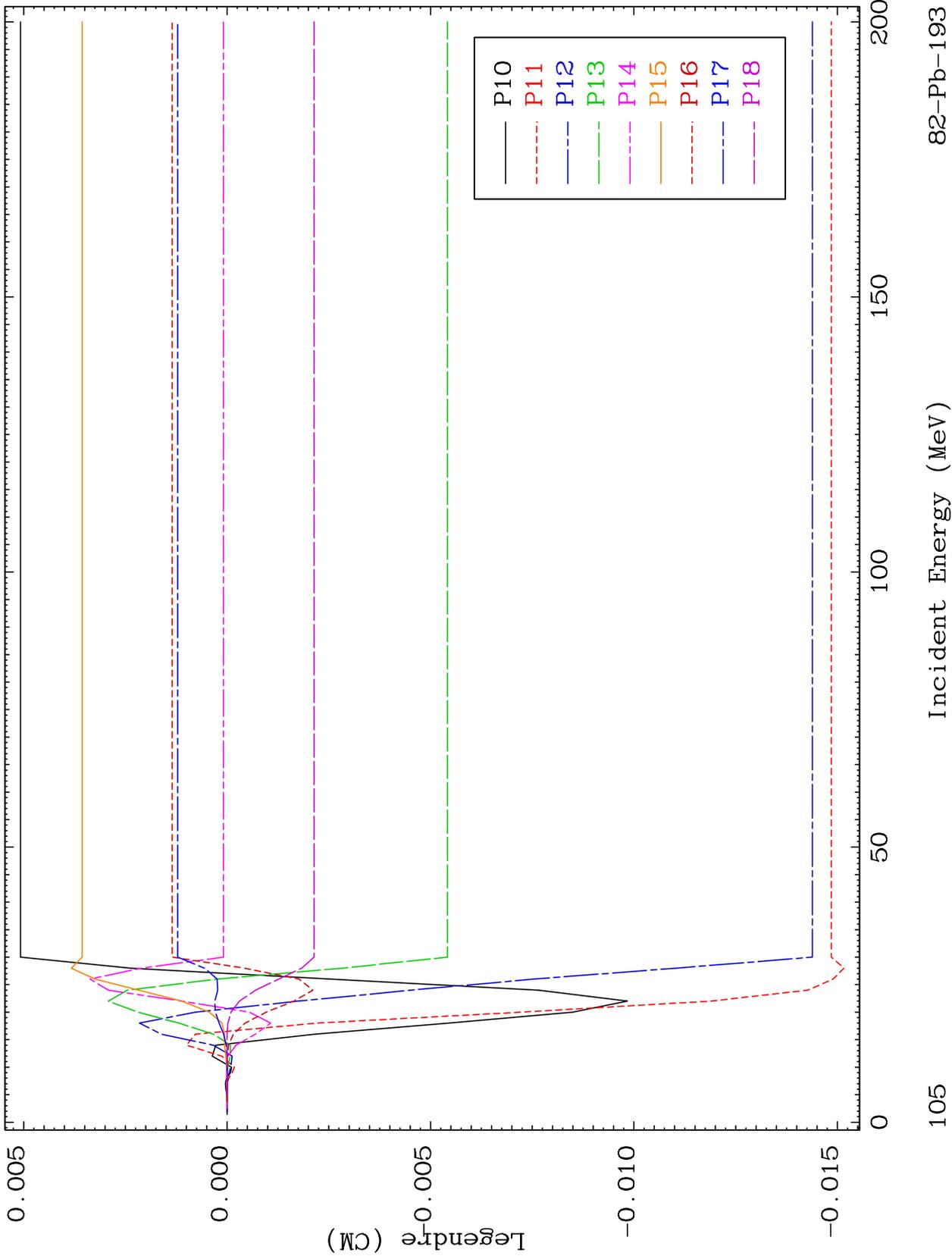
Incident Energy (MeV)

104

MAT 8192

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

82-Pb-193



82-Pb-193

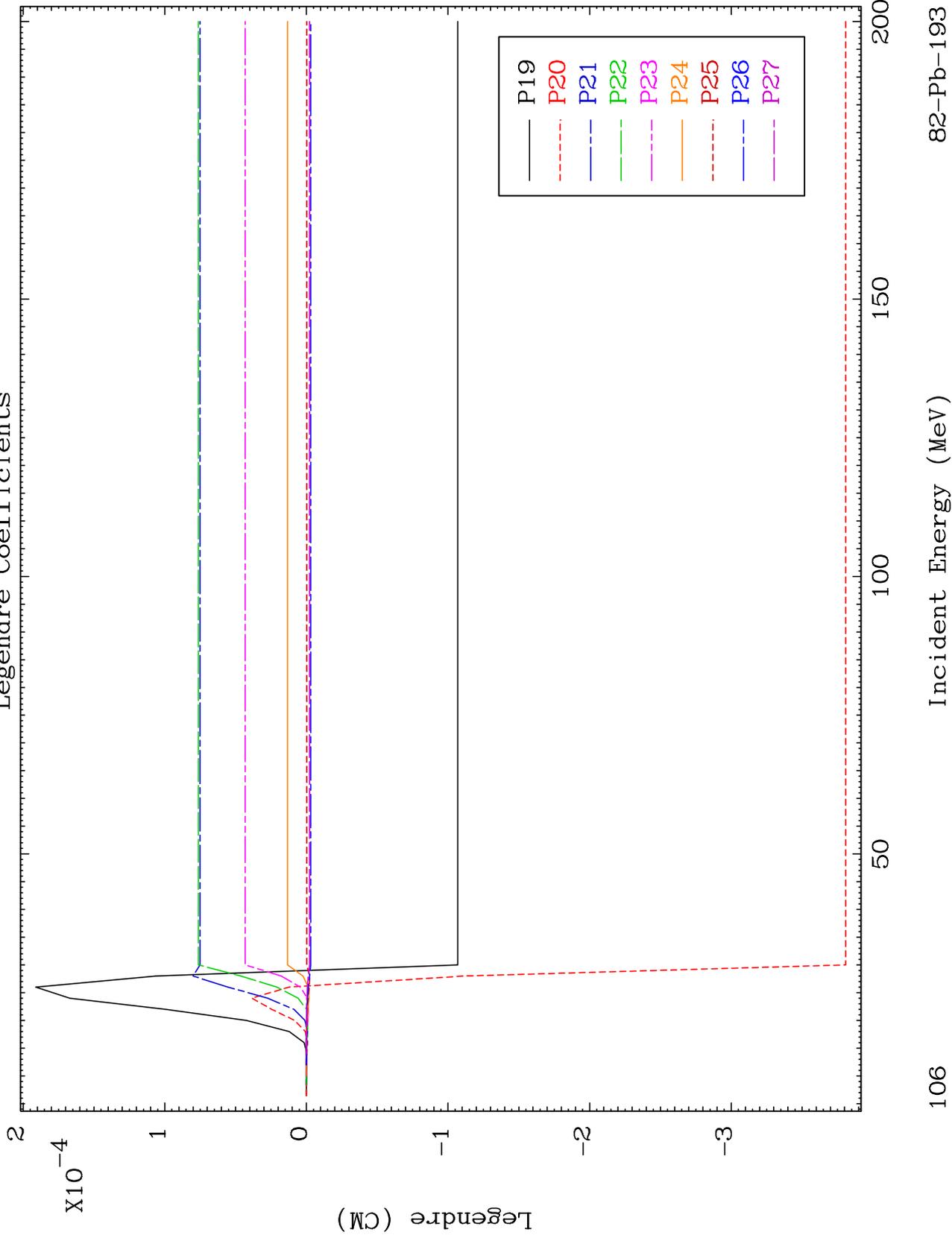
Incident Energy (MeV)

105

MAT 8192

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

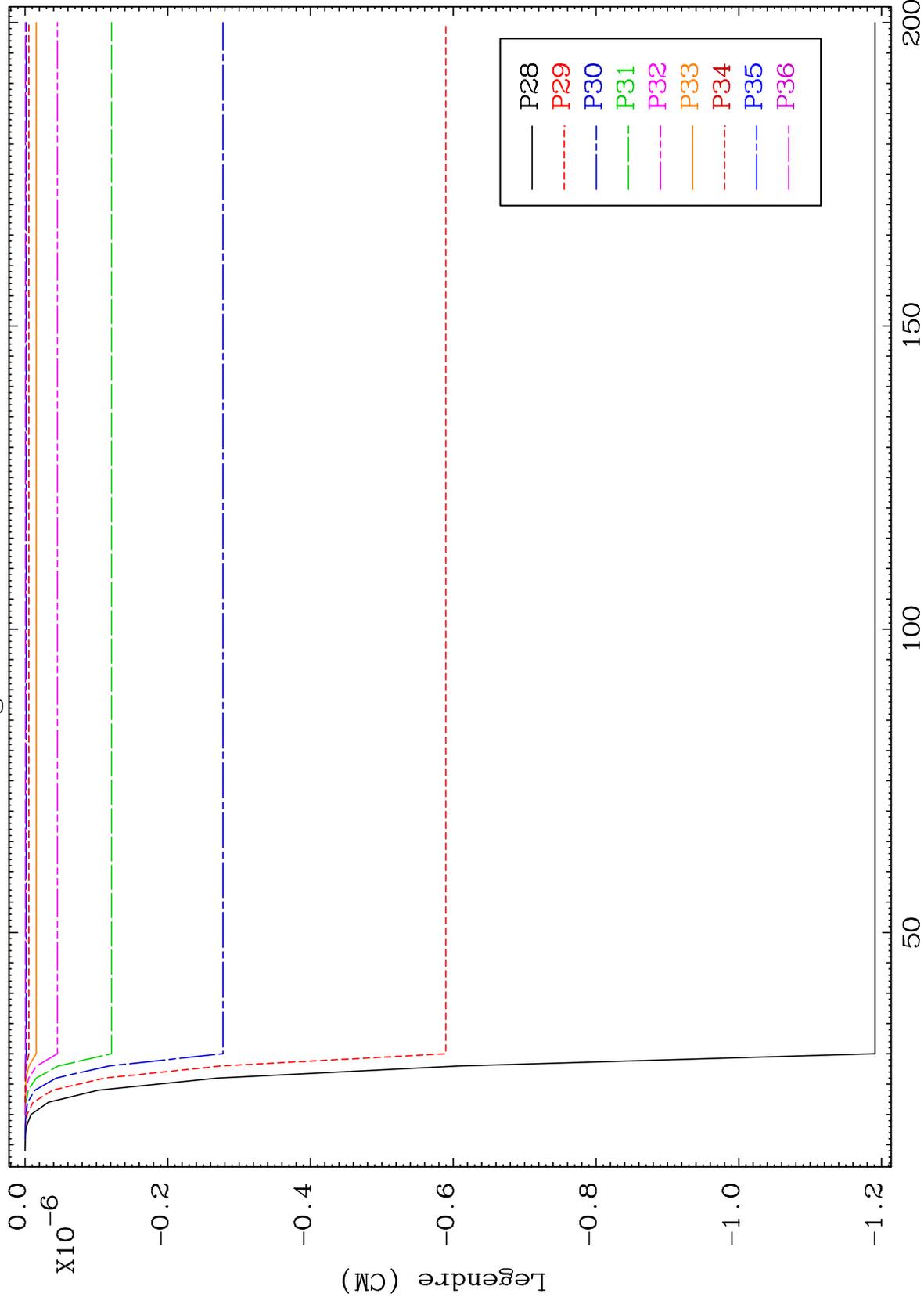
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

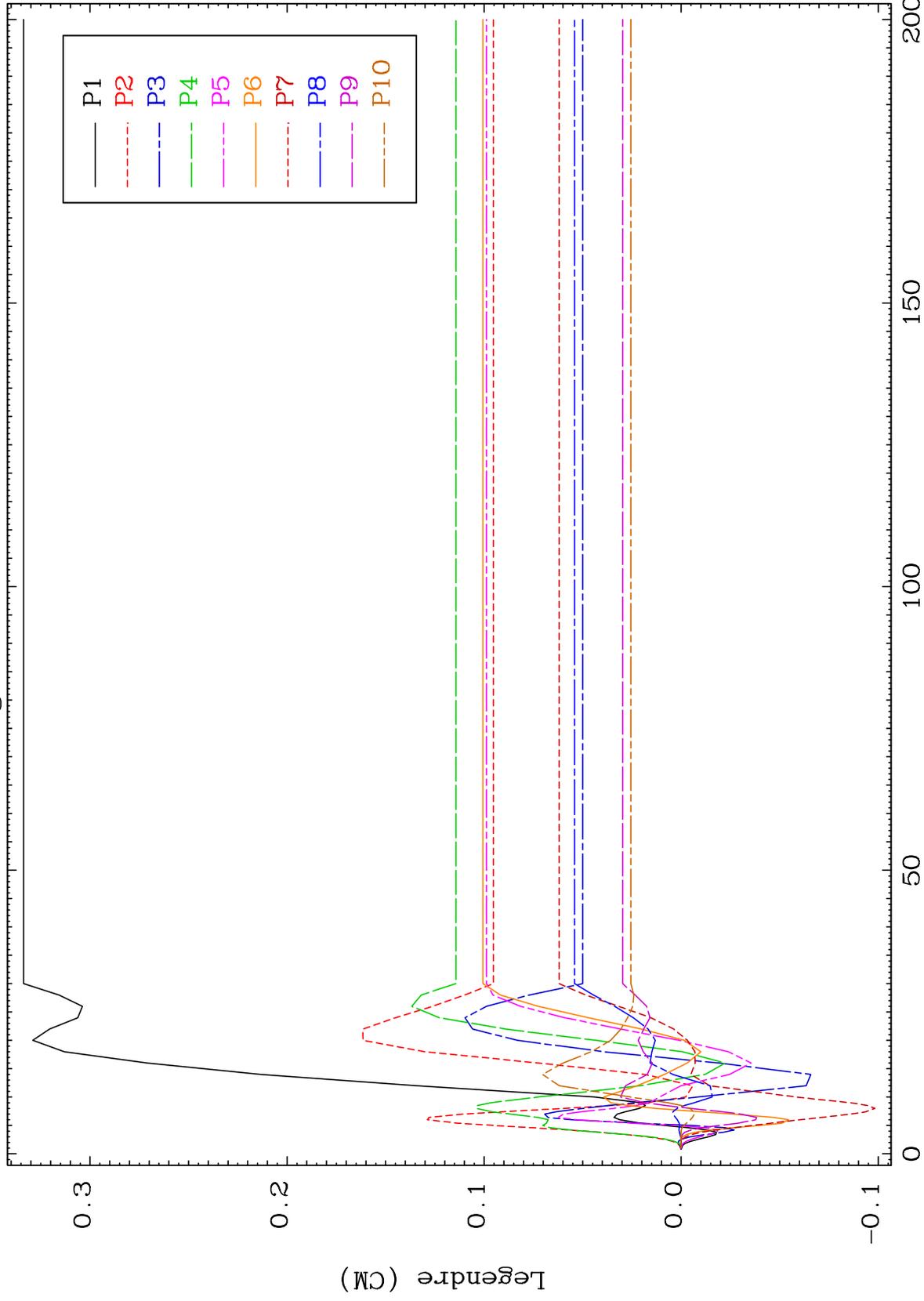
Incident Energy (MeV)

107

MAT 8192

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

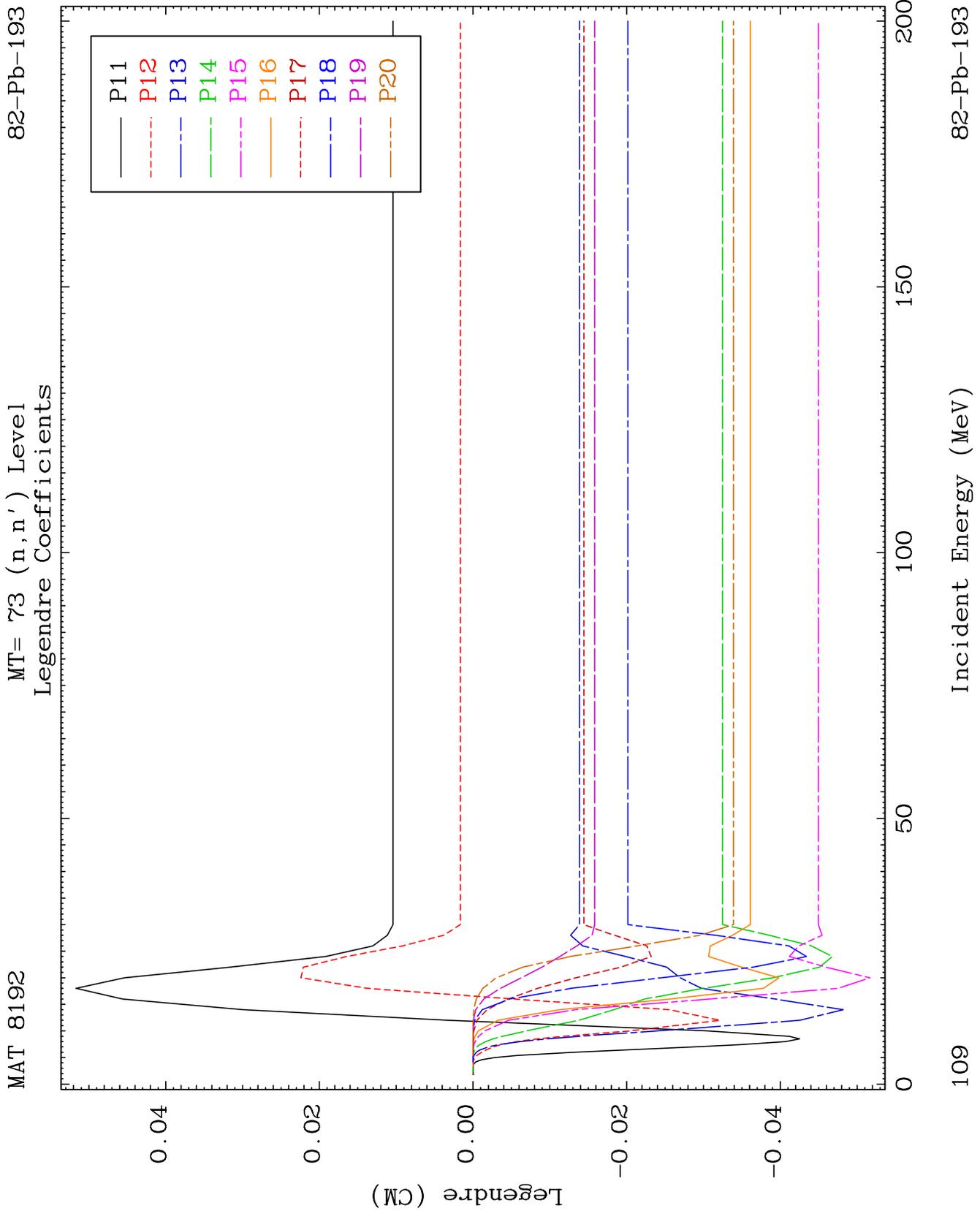
82-Pb-193



82-Pb-193

Incident Energy (MeV)

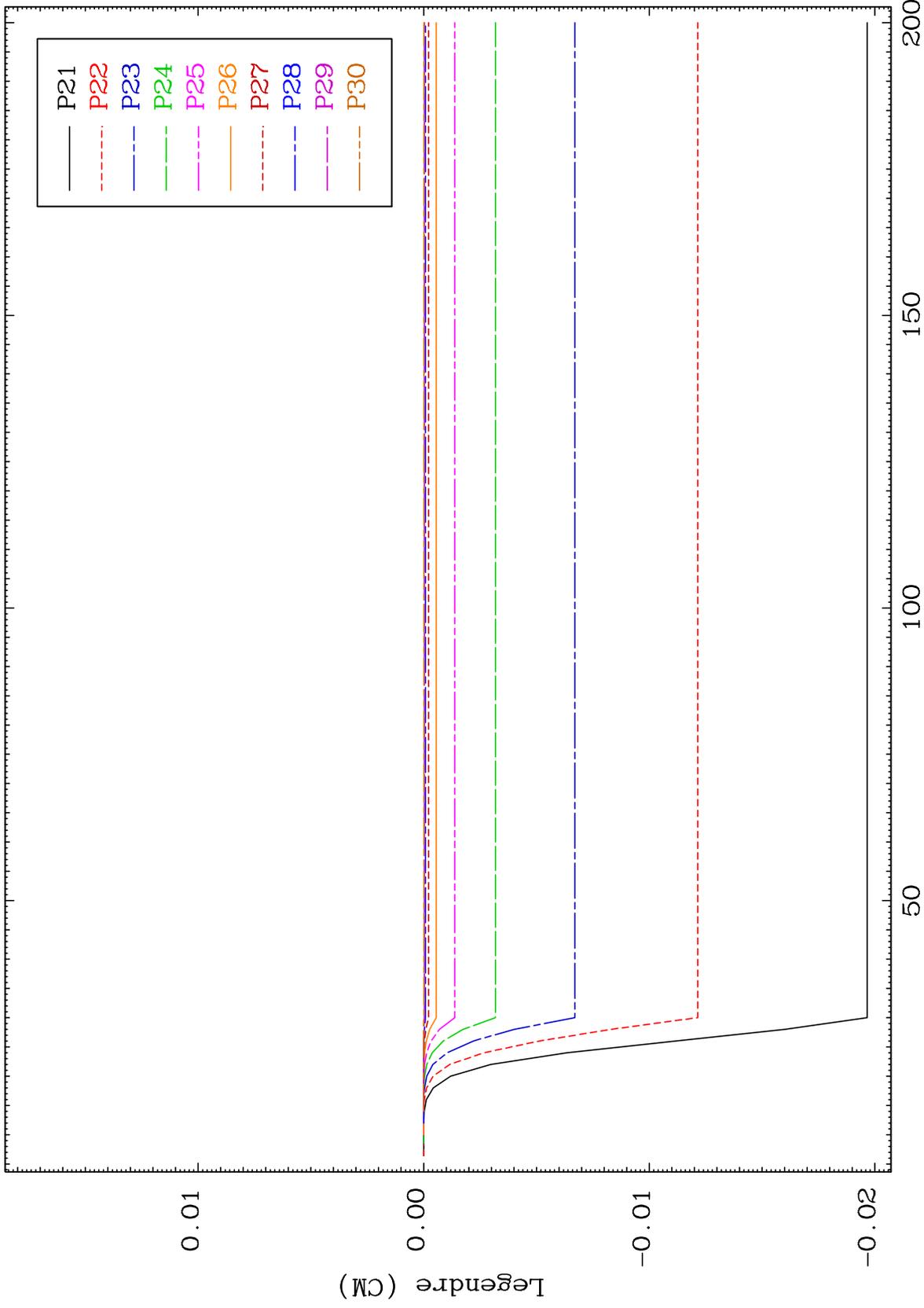
108



MAT 8192

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

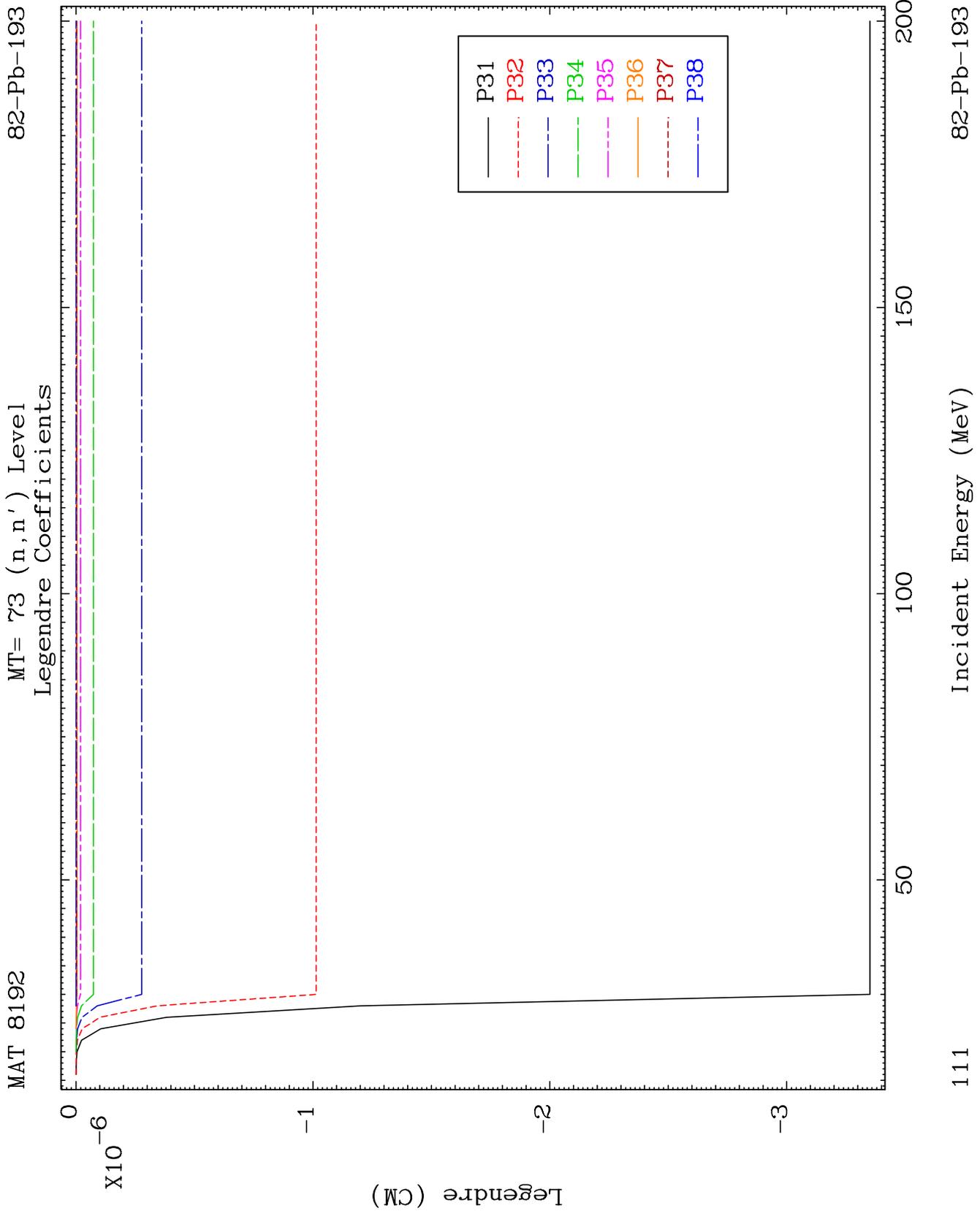
82-Pb-193



110

Incident Energy (MeV)

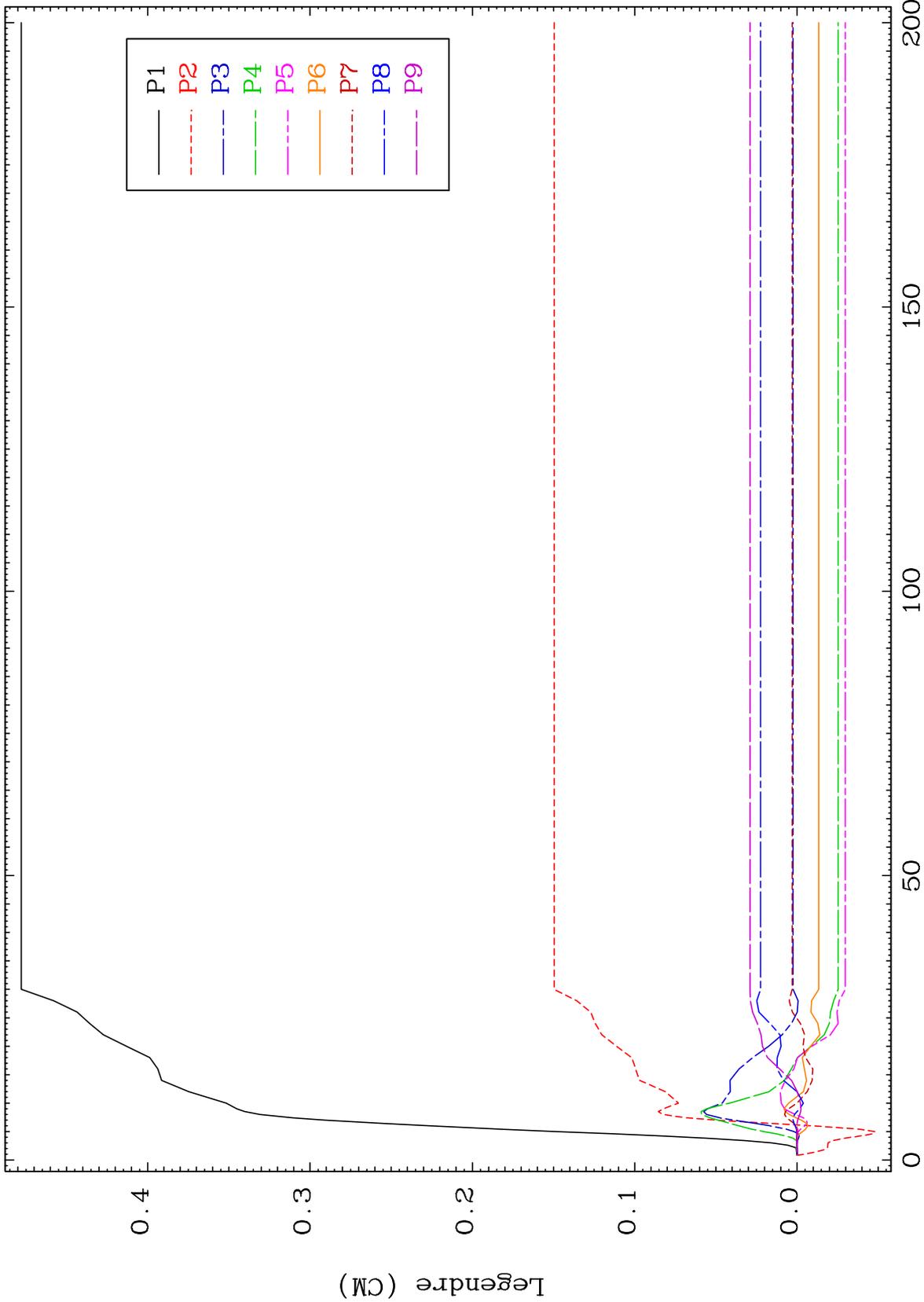
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

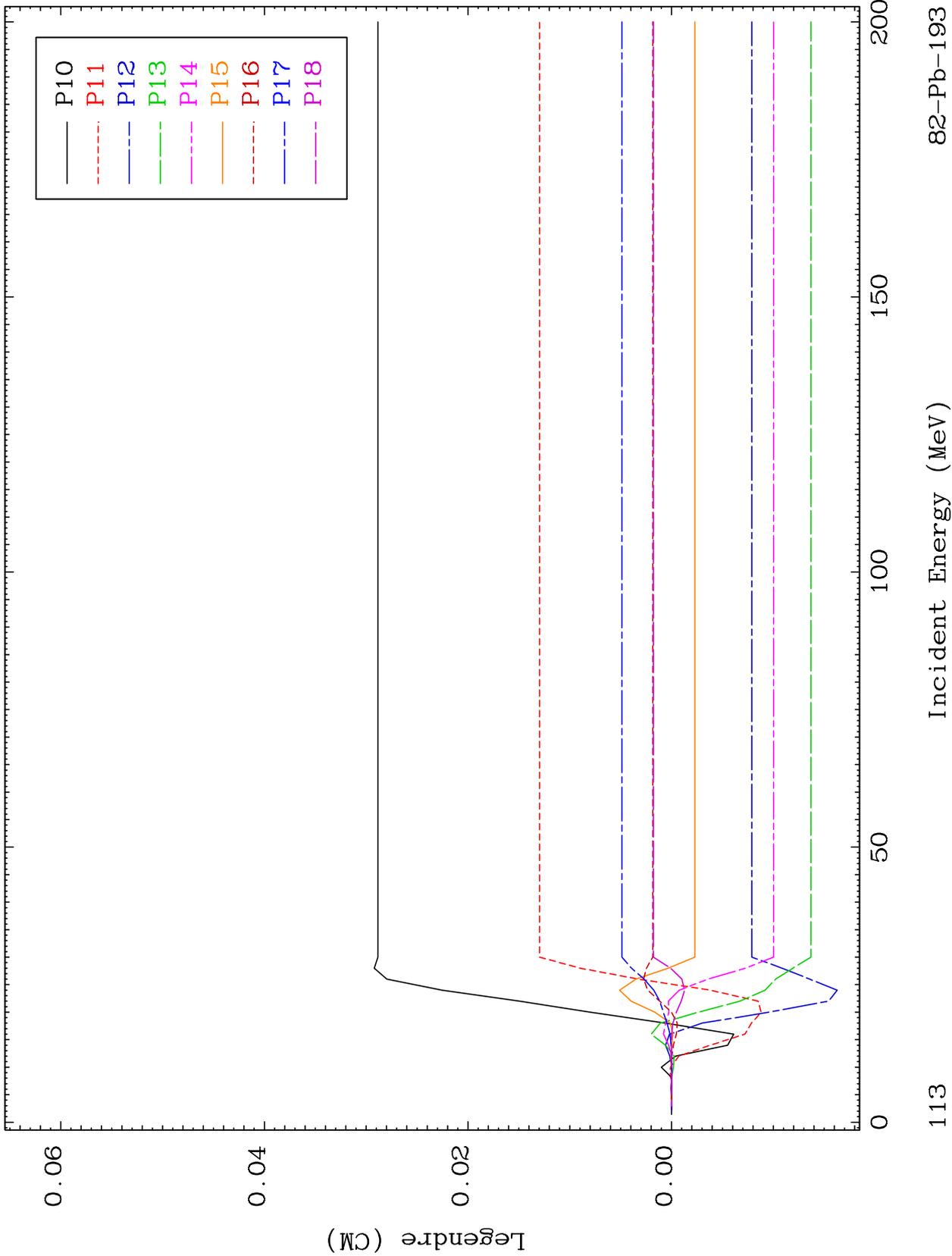
Incident Energy (MeV)

112

MAT 8192

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

82-Pb-193



113

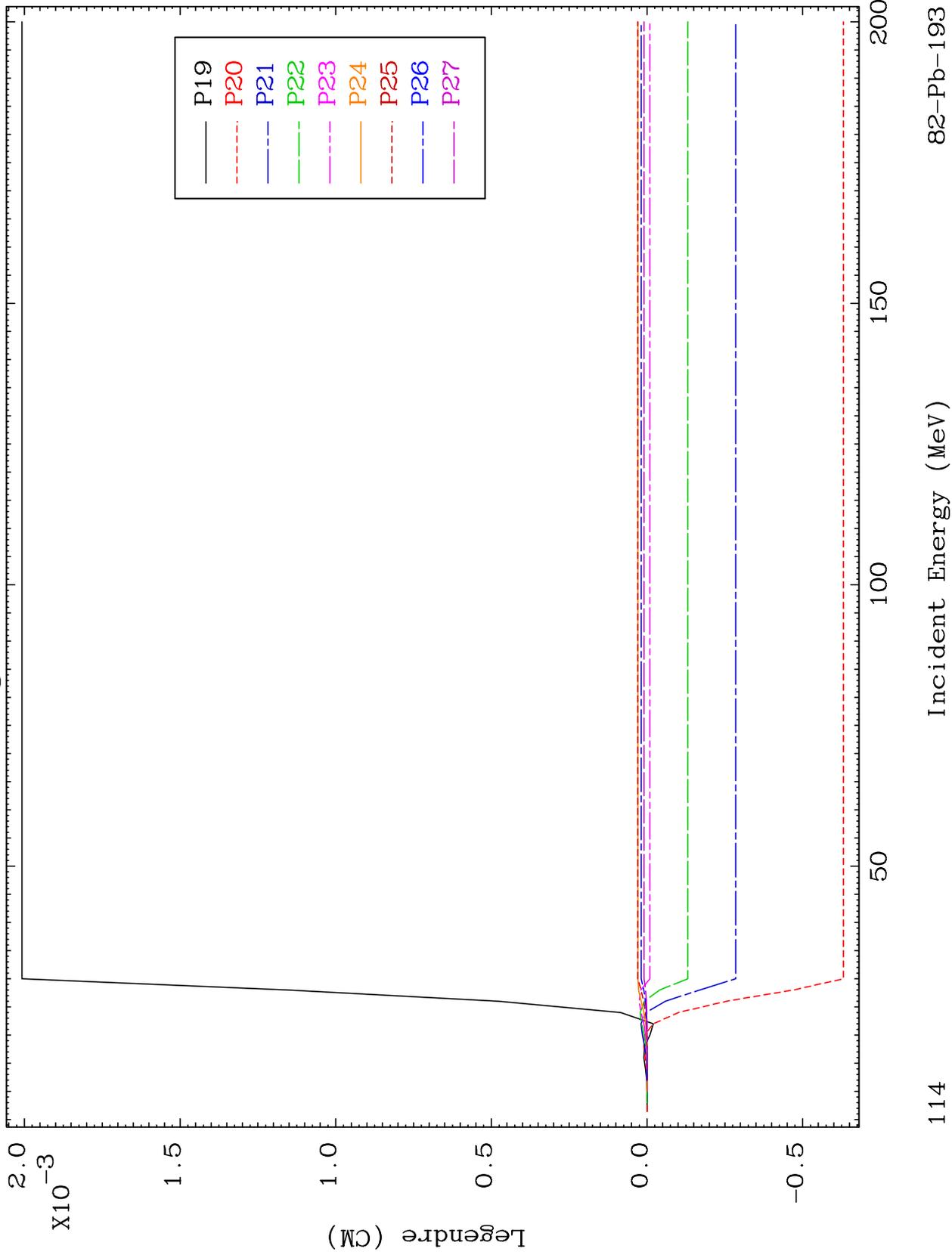
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



114

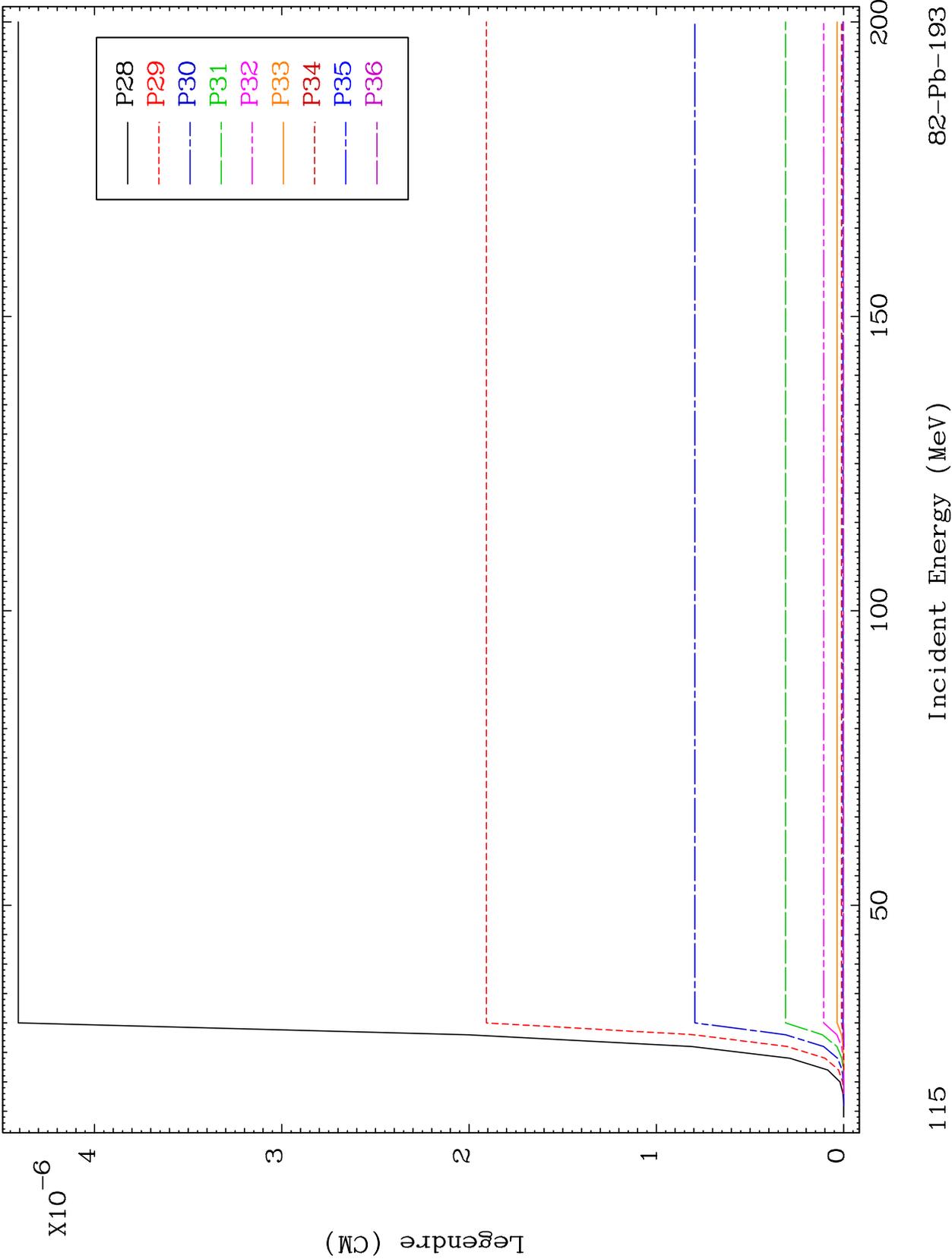
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



115

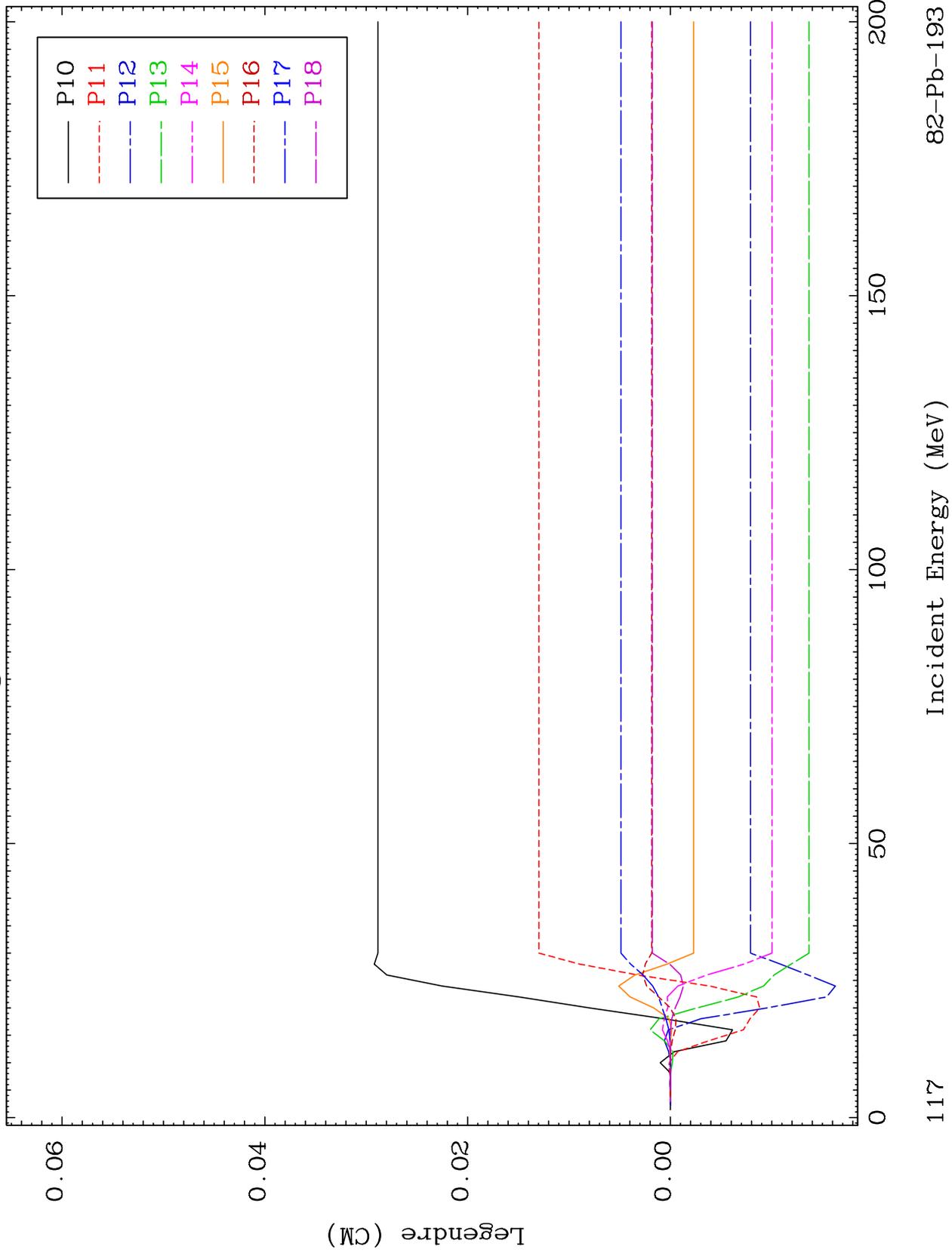
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

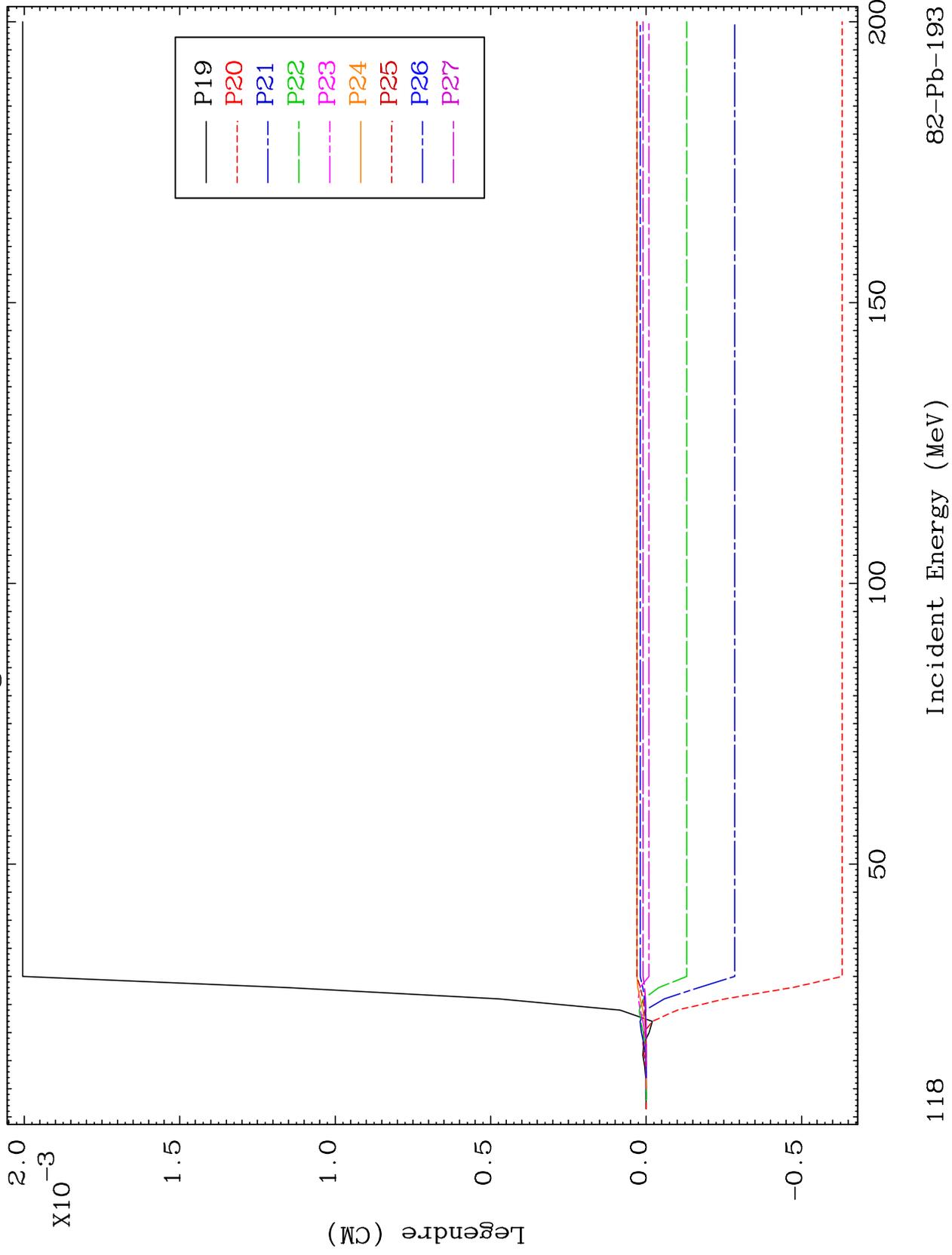
Incident Energy (MeV)

117

MAT 8192

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

82-Pb-193



118

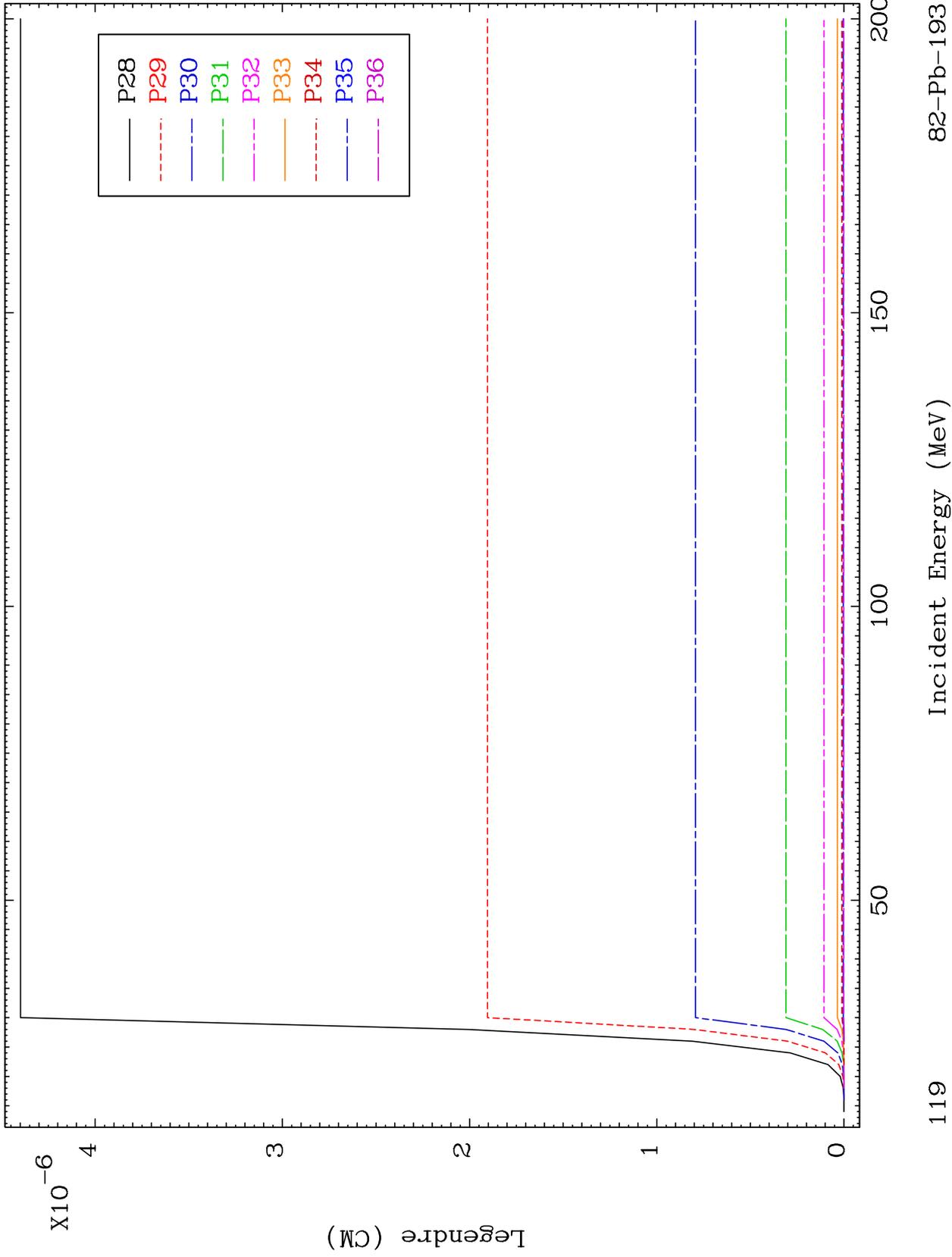
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

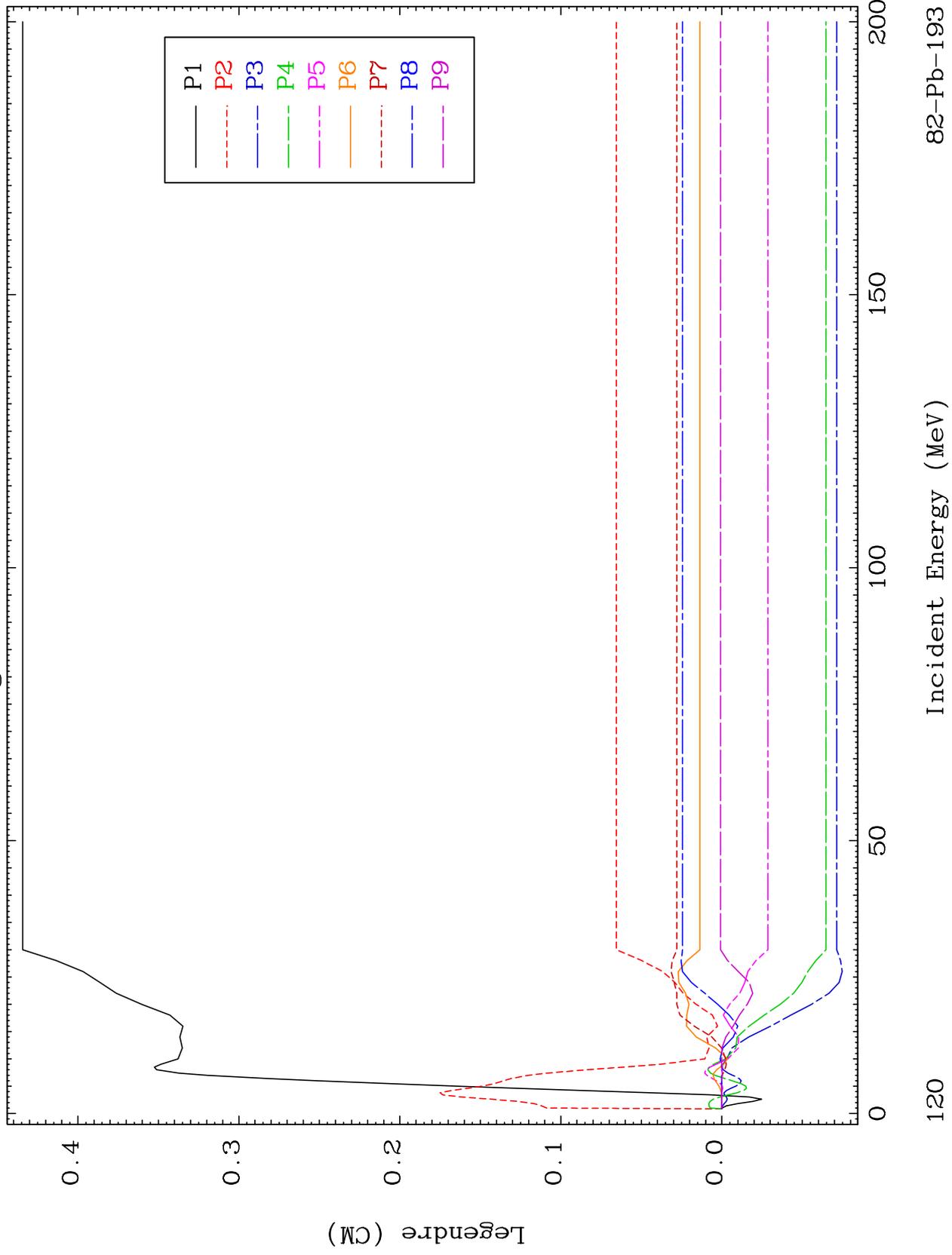
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

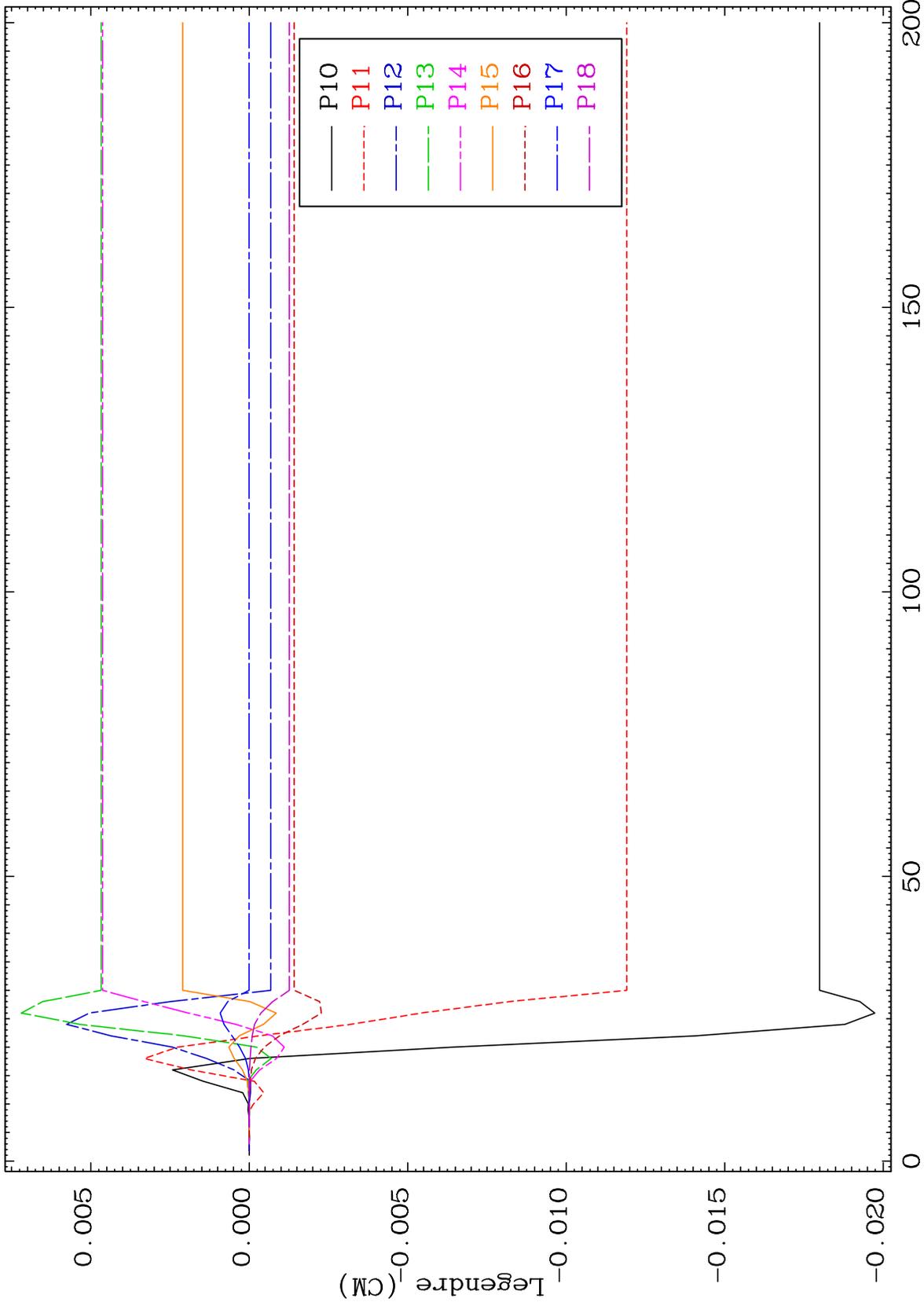
Incident Energy (MeV)

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

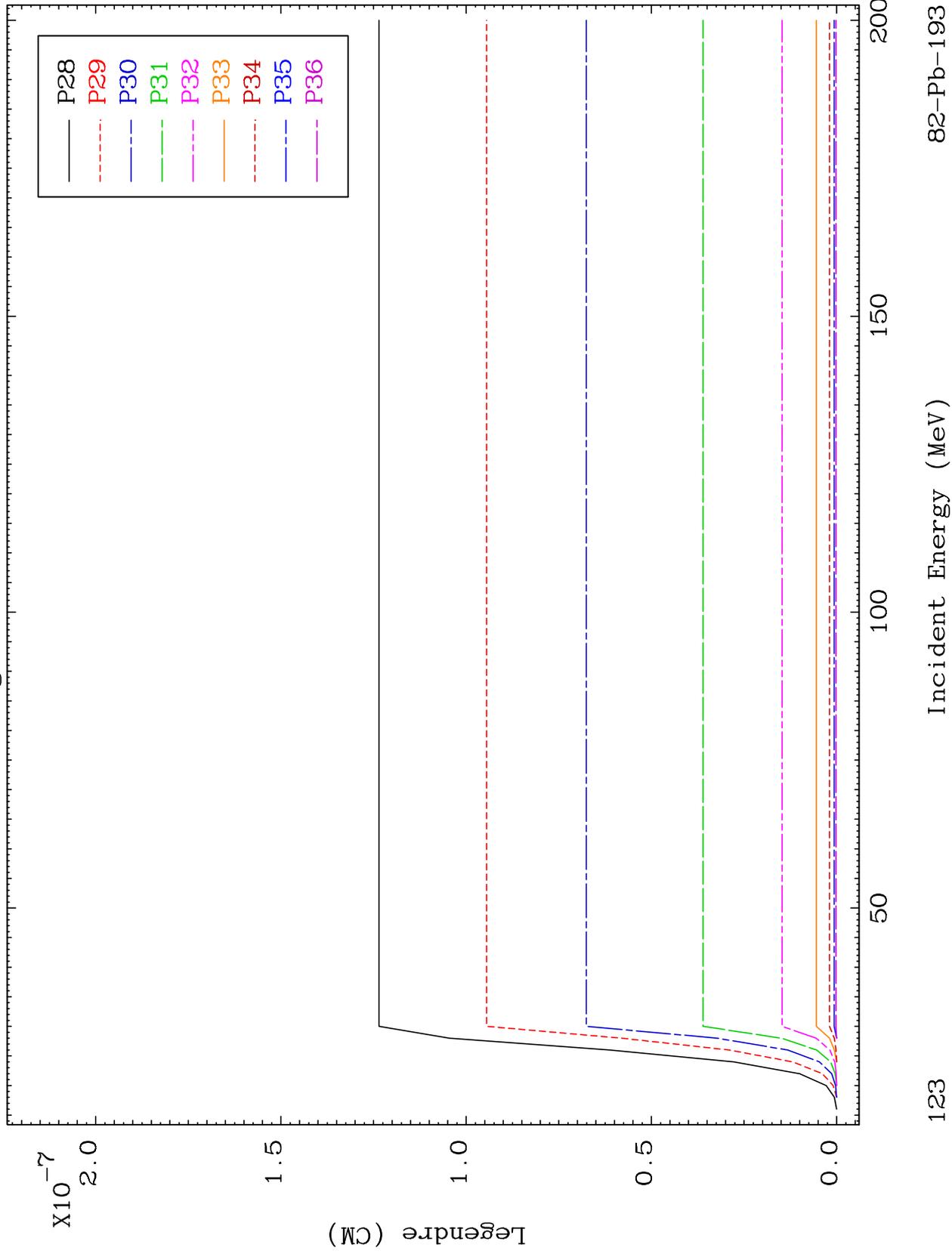
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



123

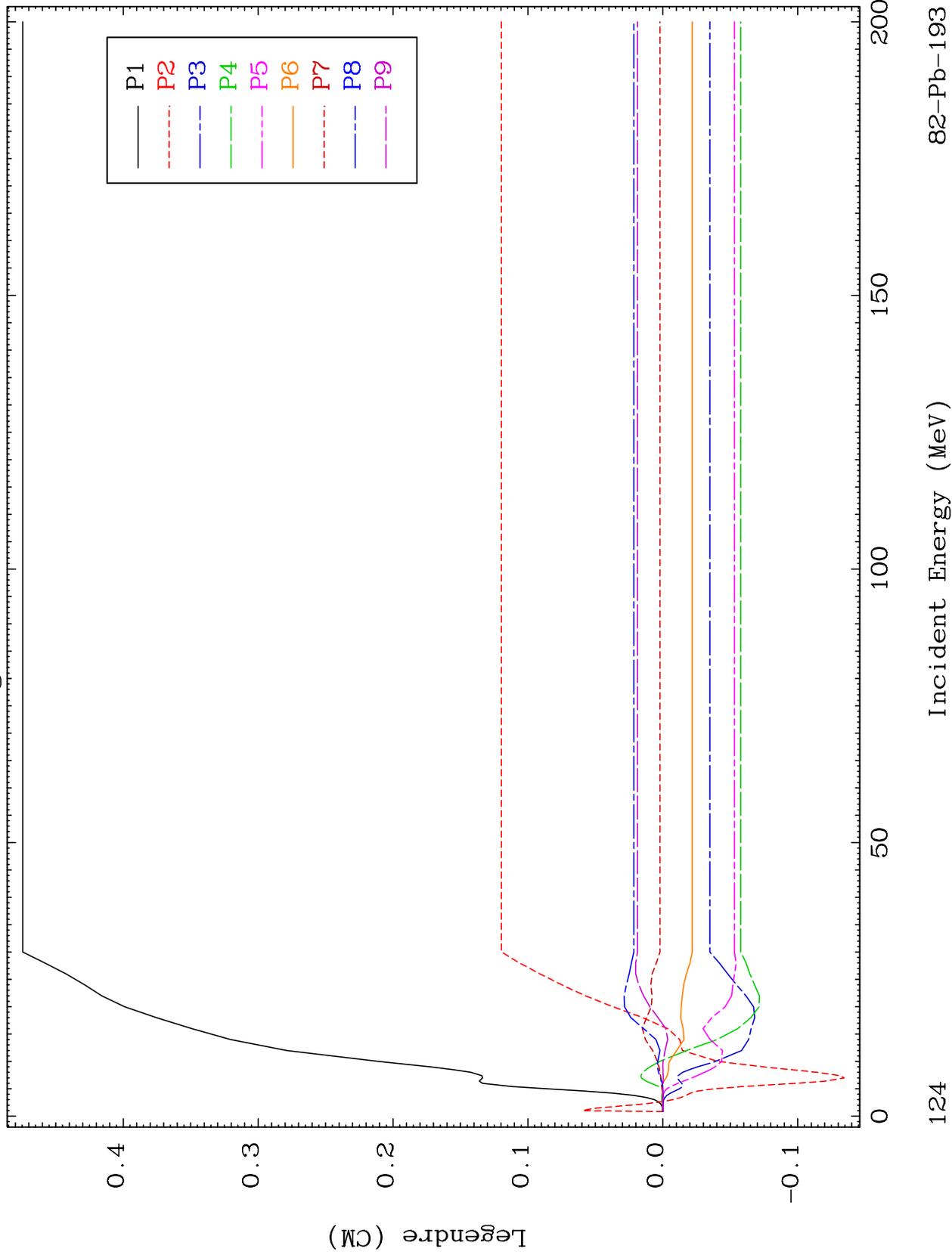
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

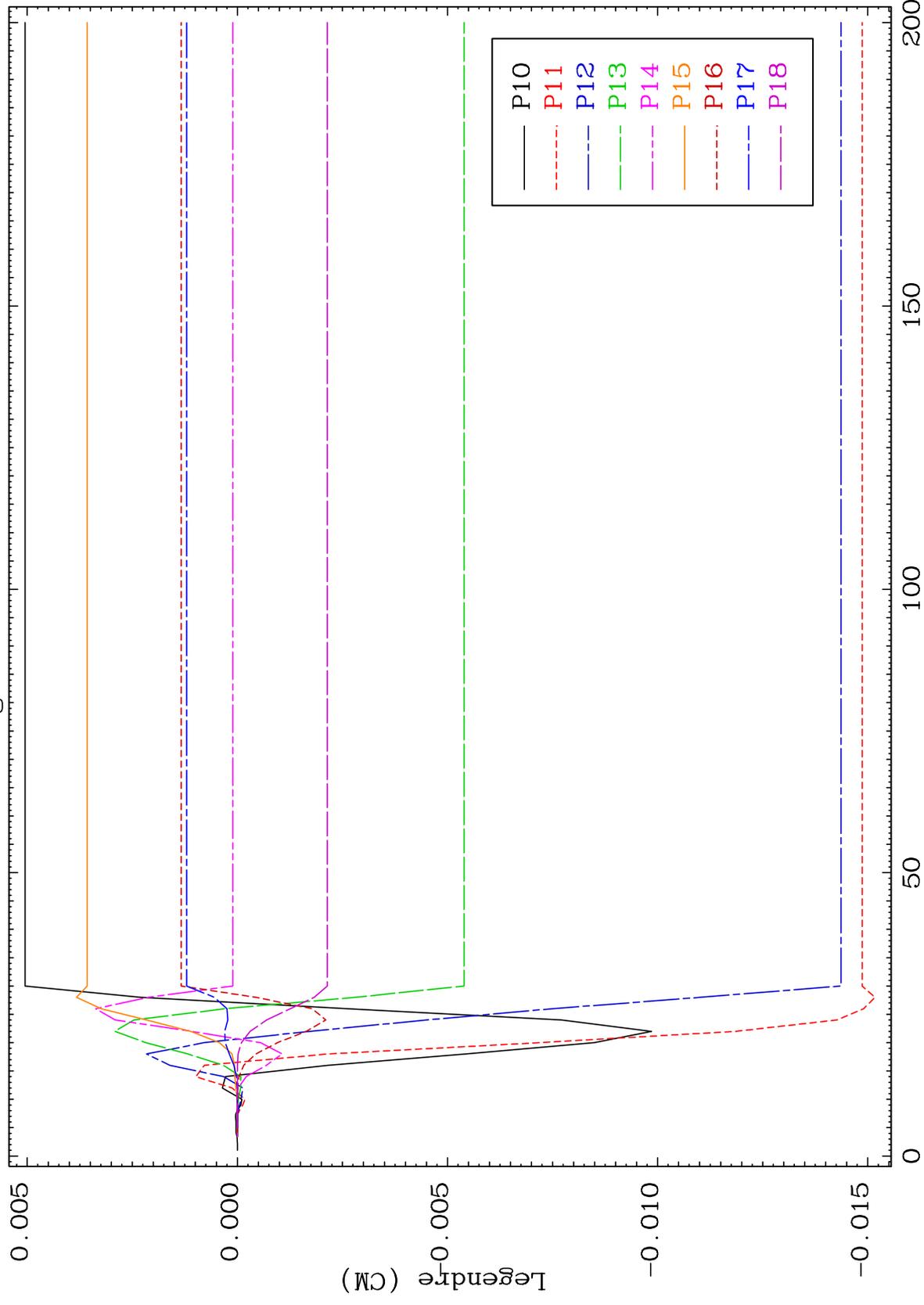
Incident Energy (MeV)

124

MAT 8192

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

82-Pb-193



82-Pb-193

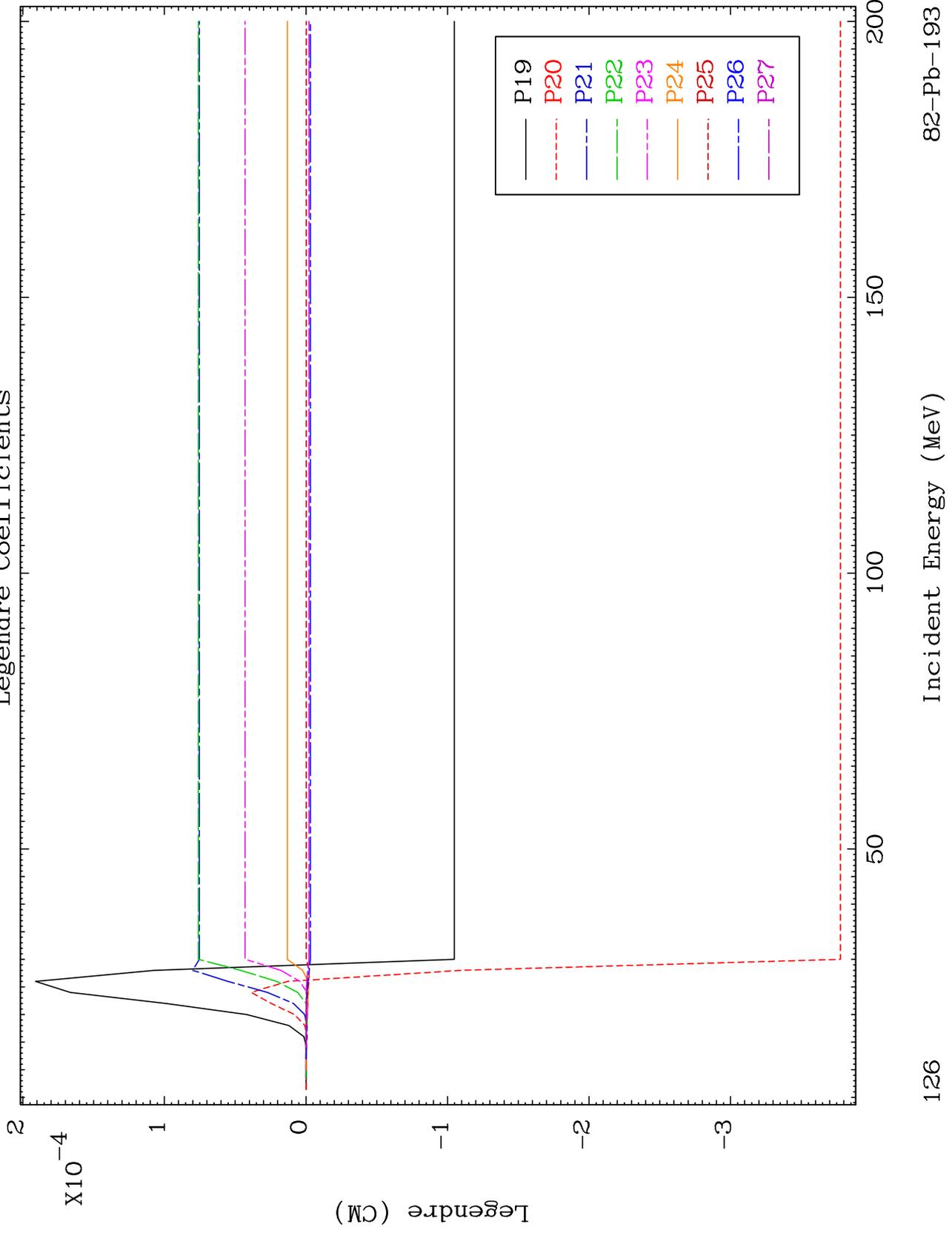
Incident Energy (MeV)

125

MAT 8192

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

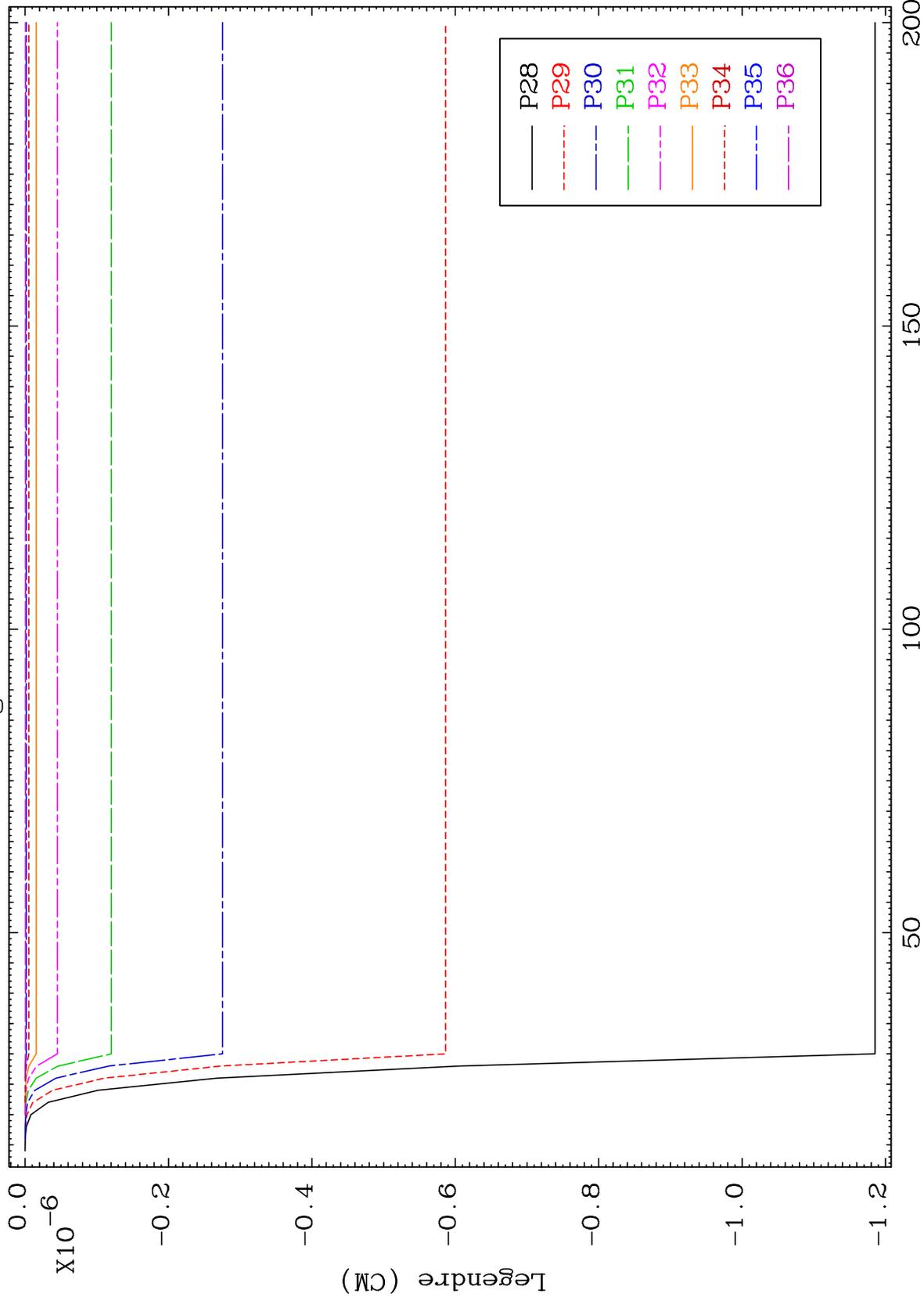
82-Pb-193



MAT 8192

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

82-Pb-193



127

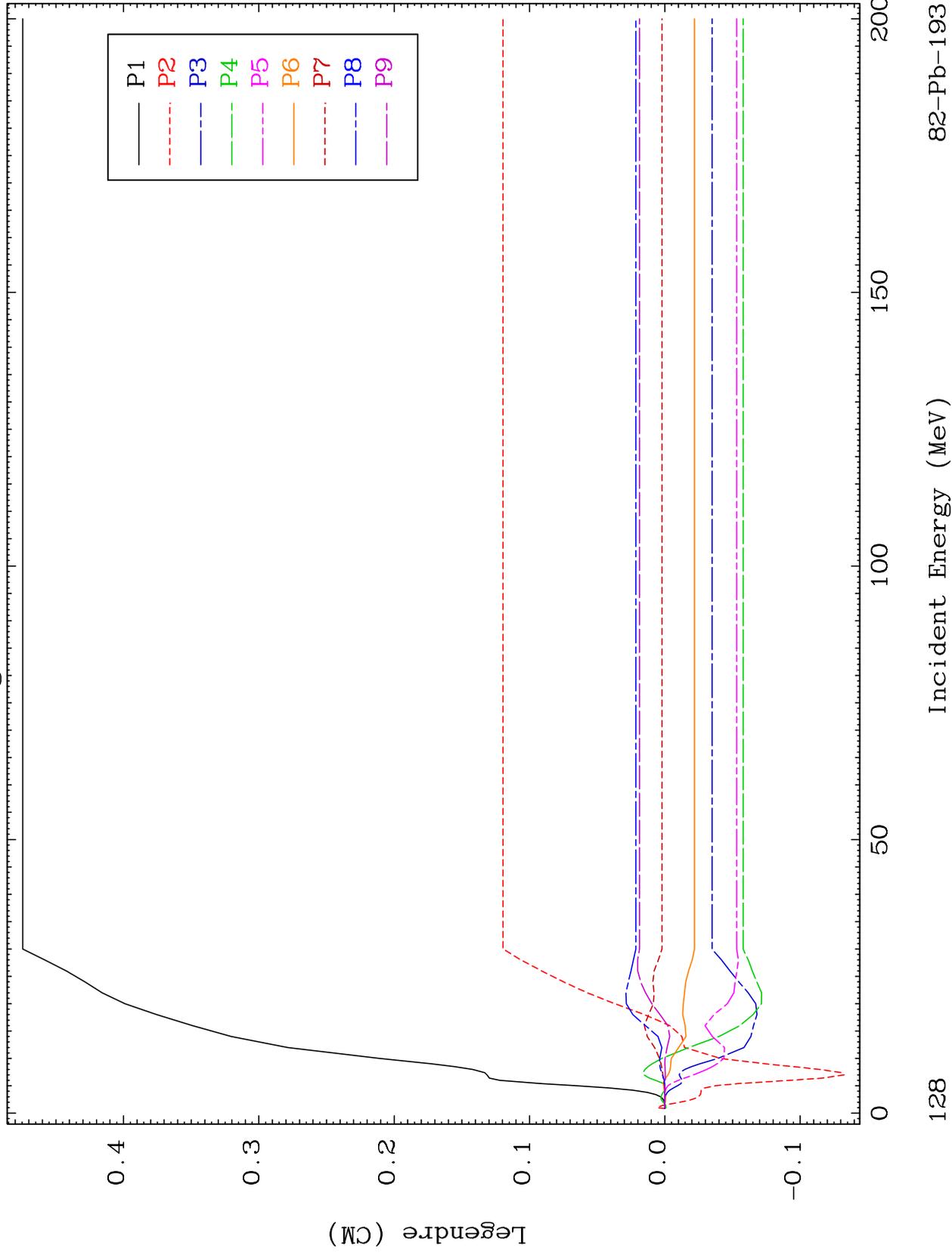
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

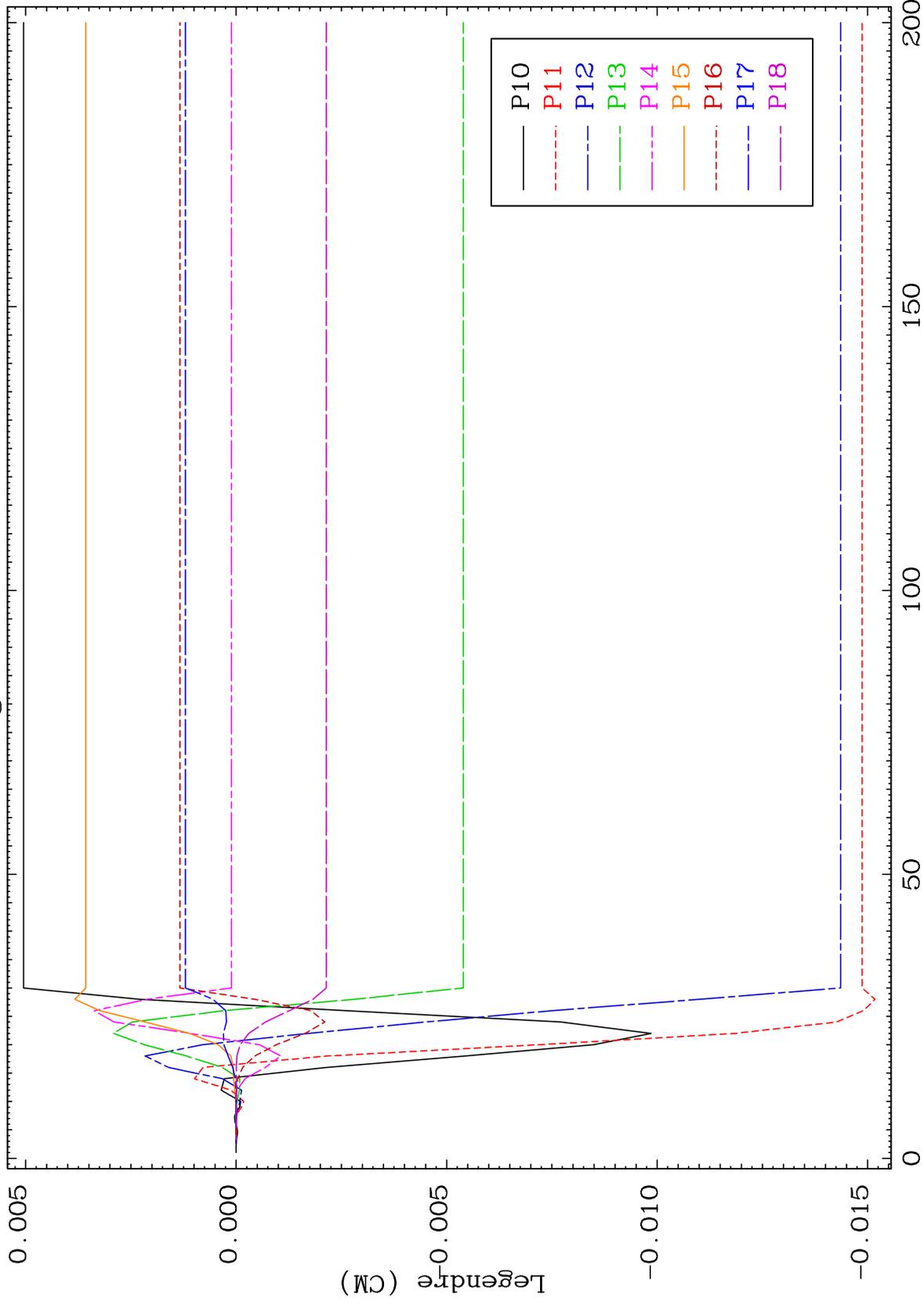
Incident Energy (MeV)

128

MAT 8192

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

82-Pb-193



129

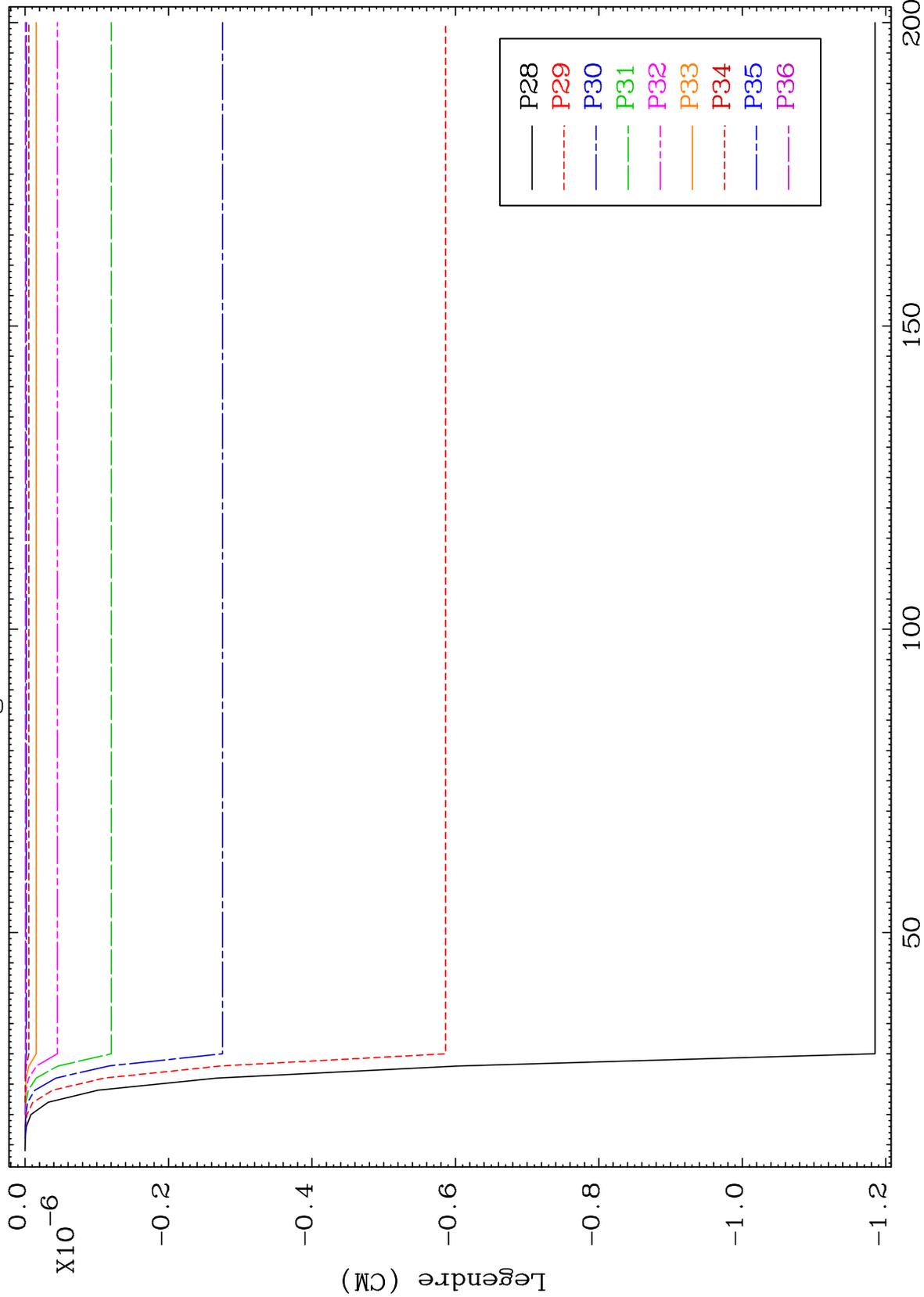
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

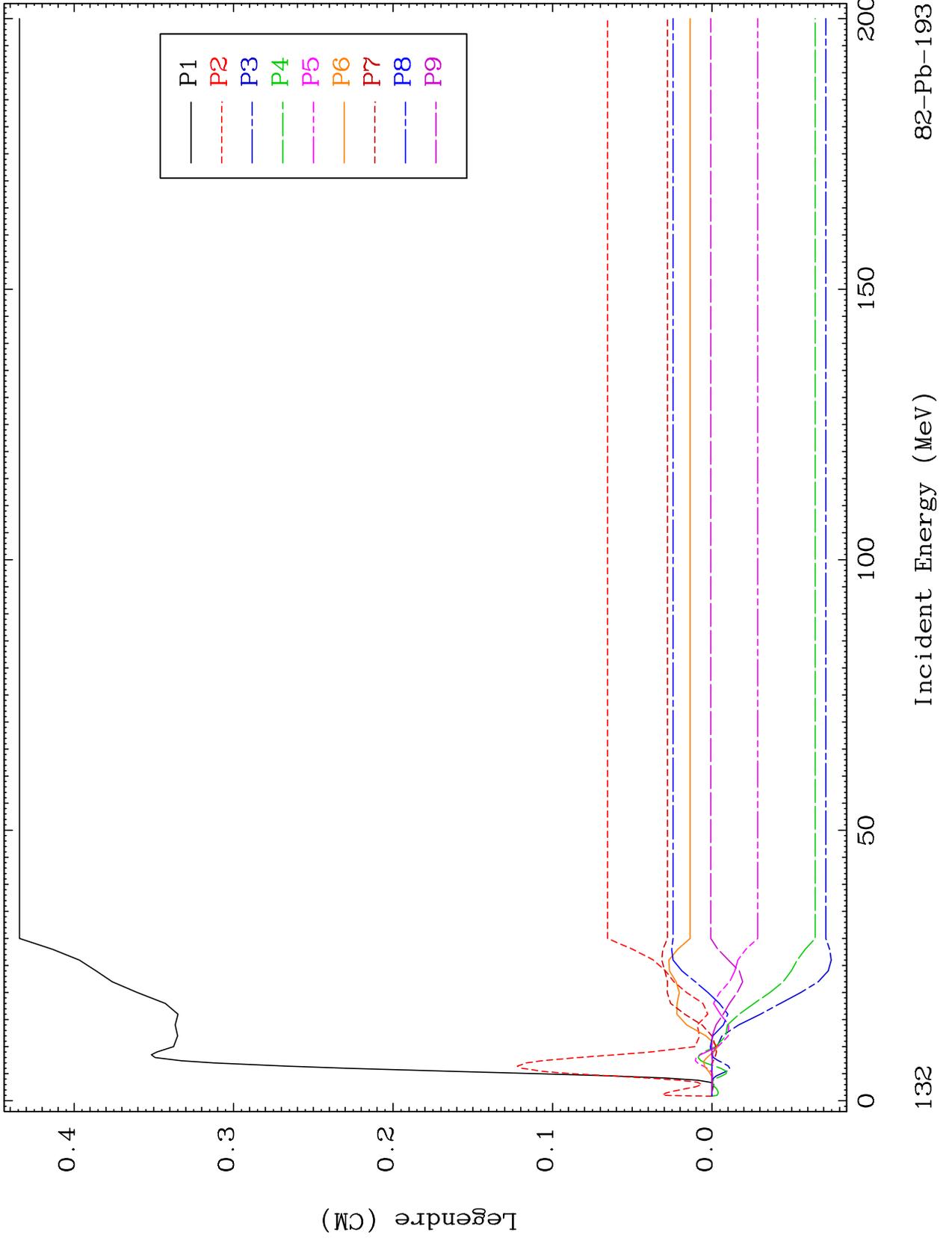
Incident Energy (MeV)

131

MAT 8192

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

82-Pb-193



132

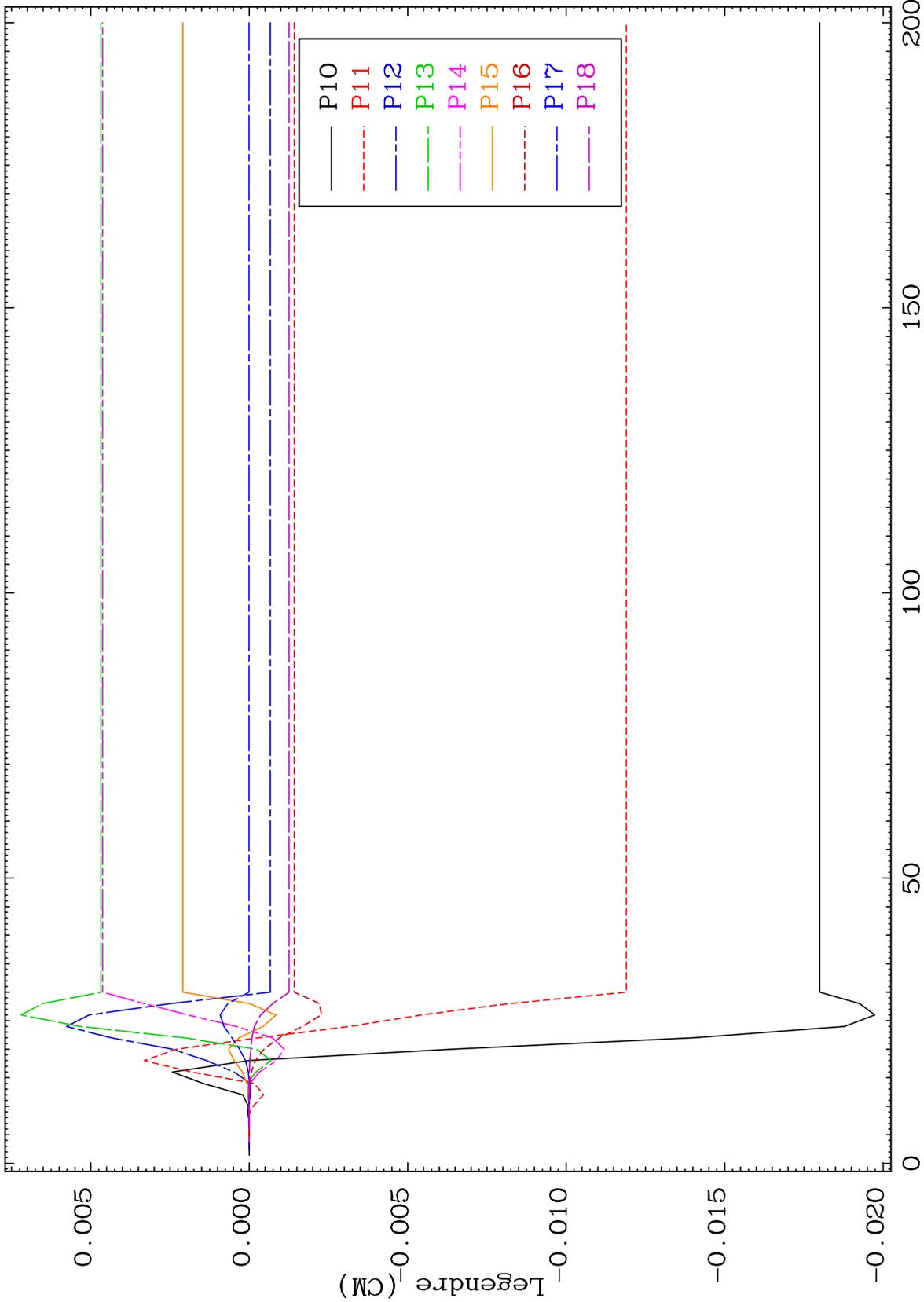
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



133

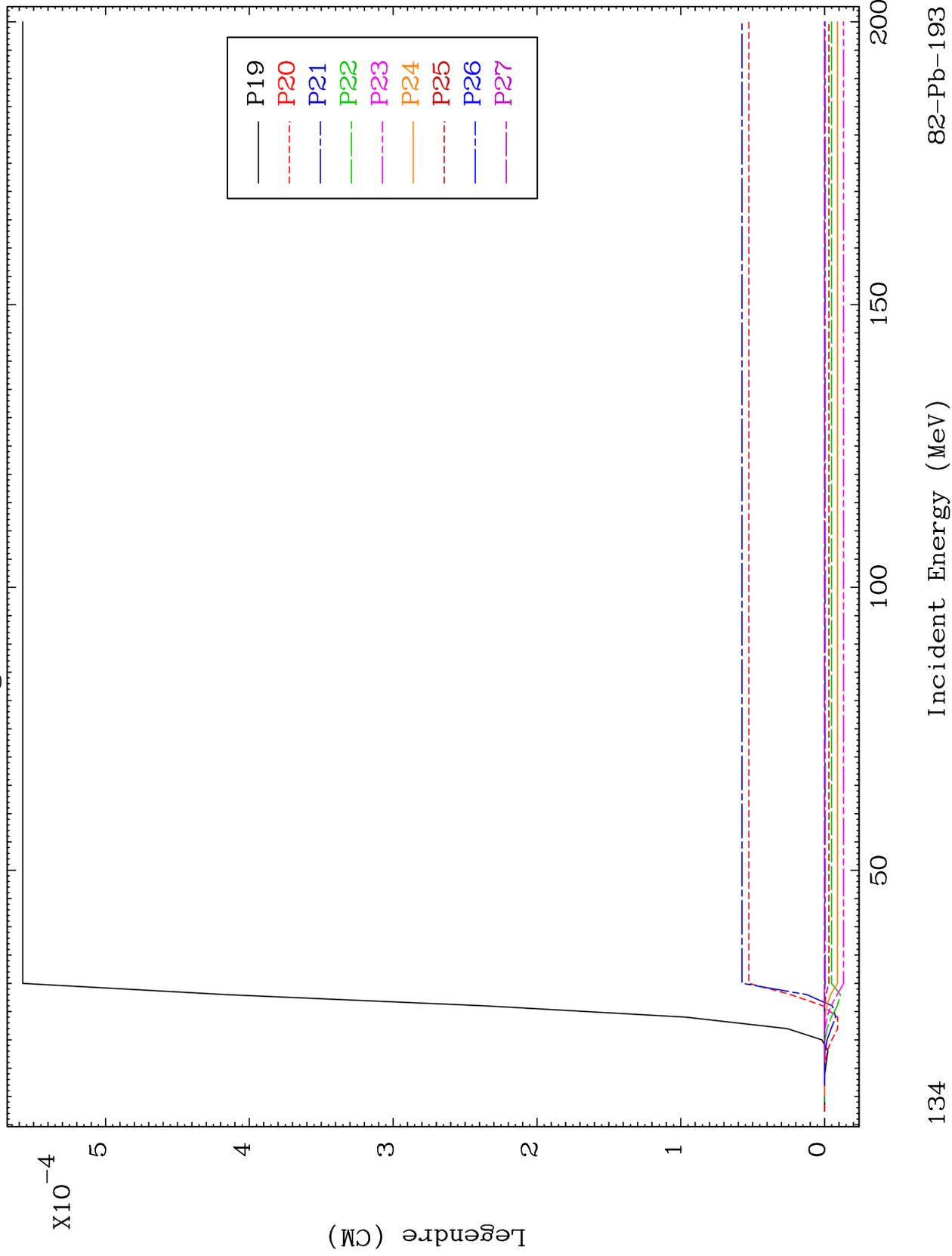
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

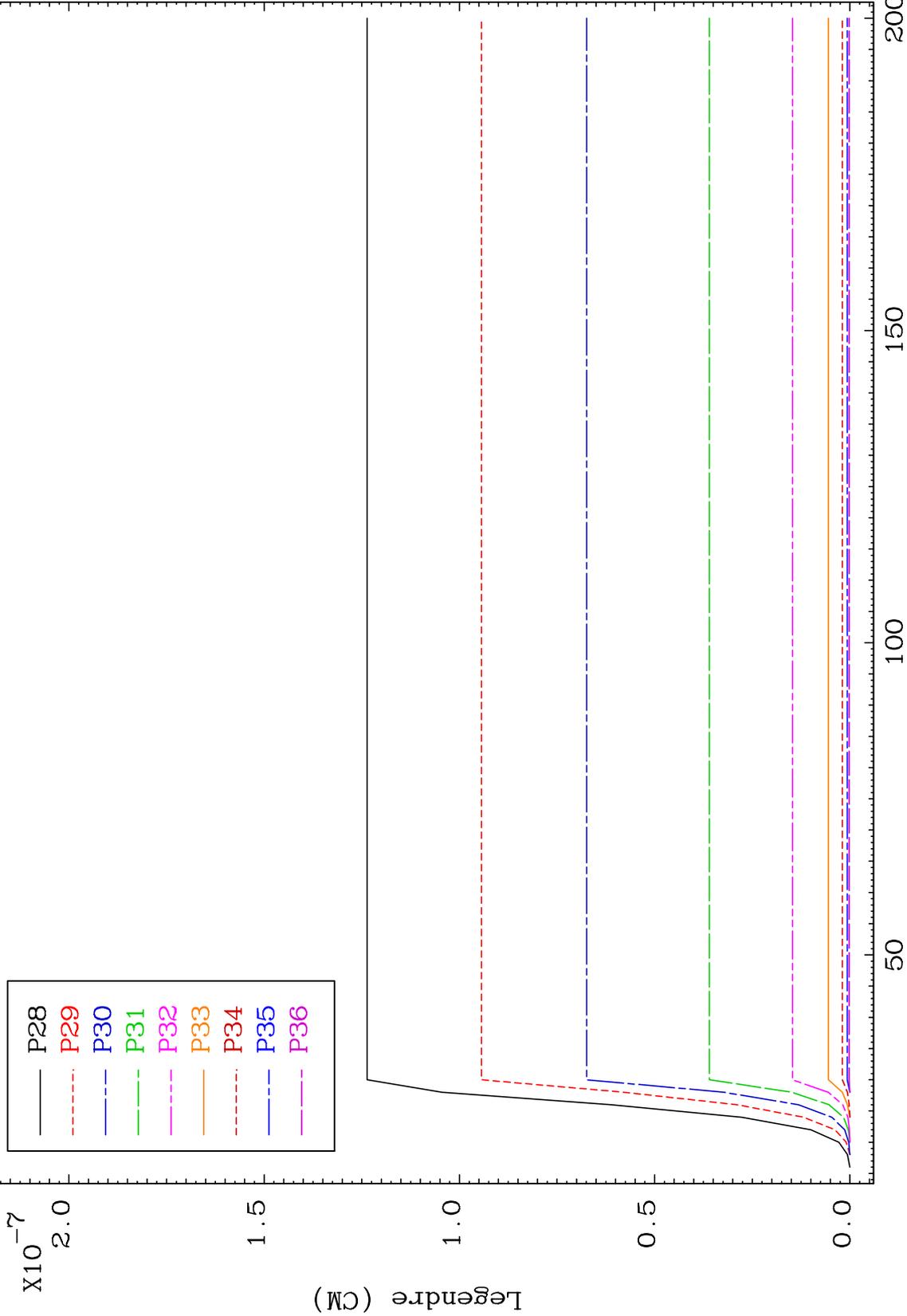
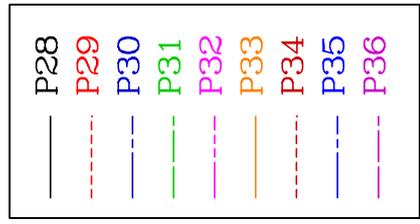
82-Pb-193



MAT 8192

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

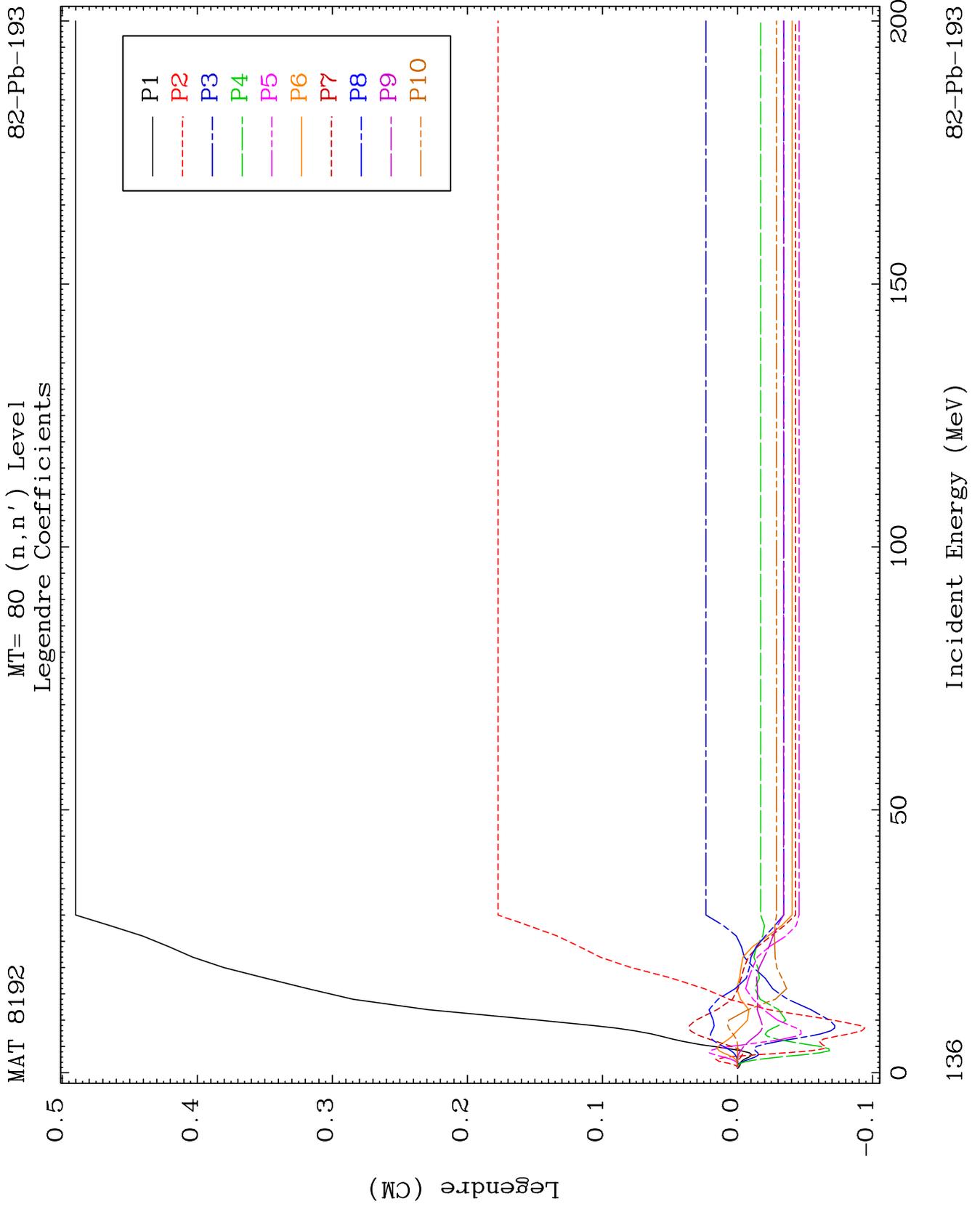
82-Pb-193



135

Incident Energy (MeV)

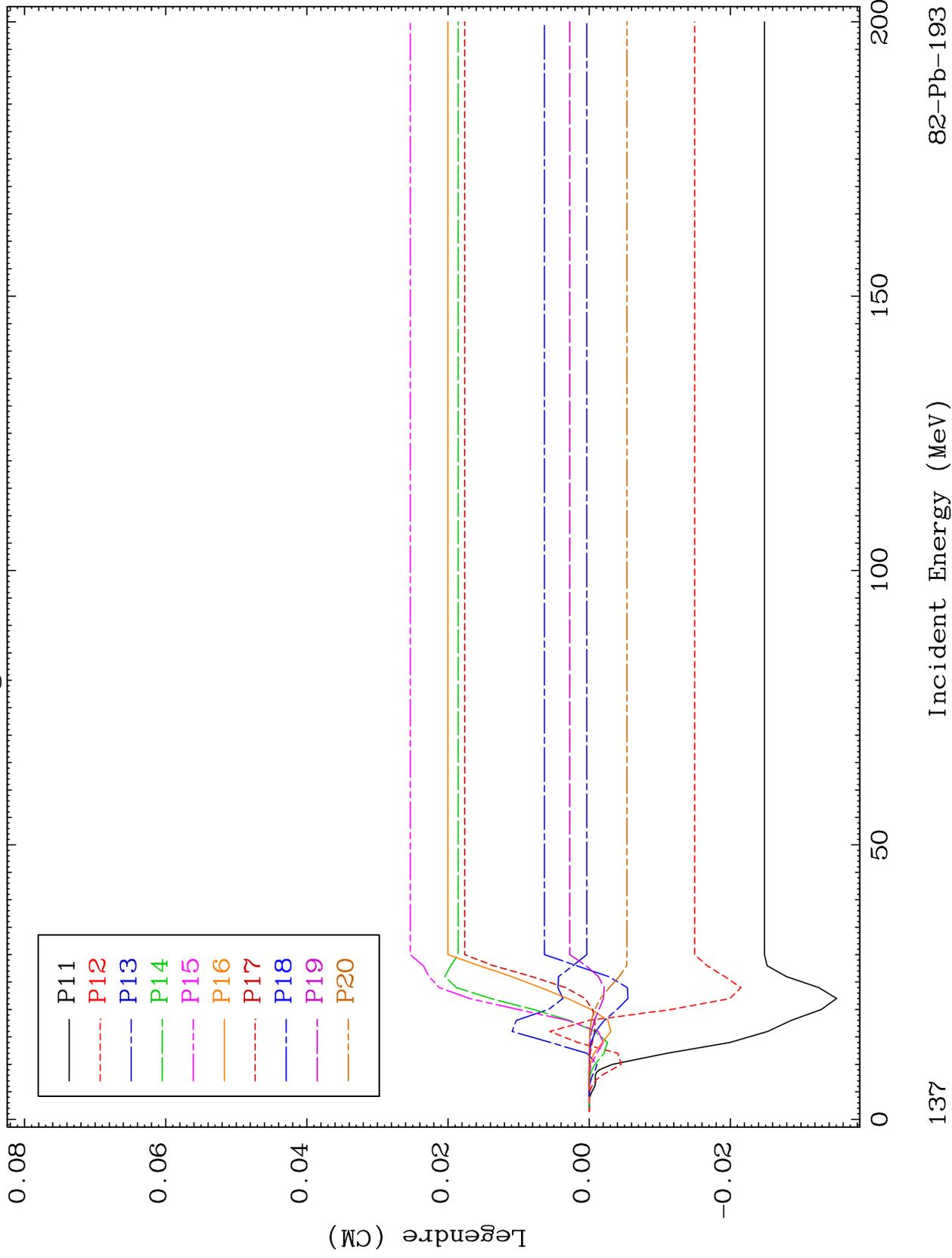
82-Pb-193



MAT 8192

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

82-Pb-193



137

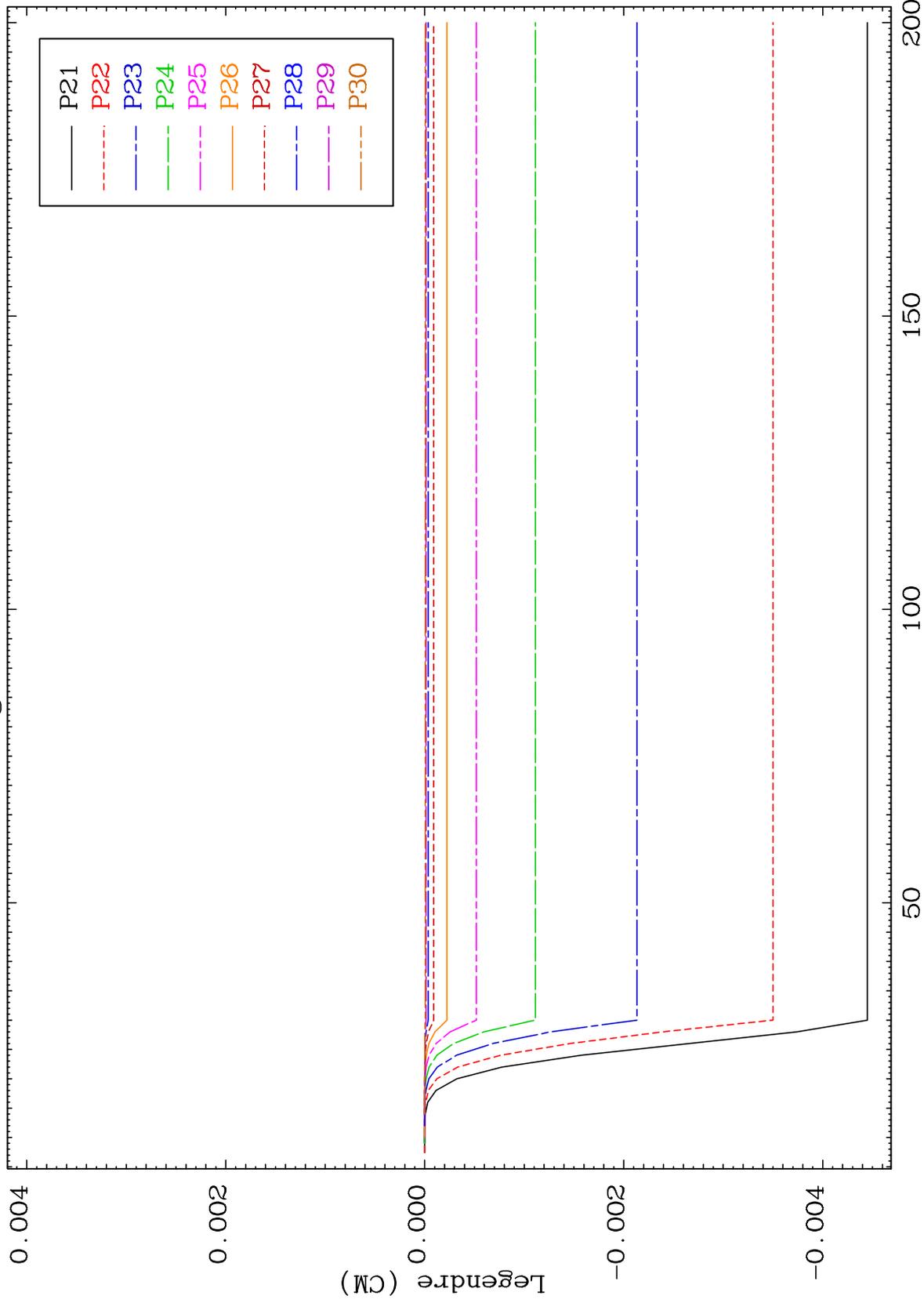
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

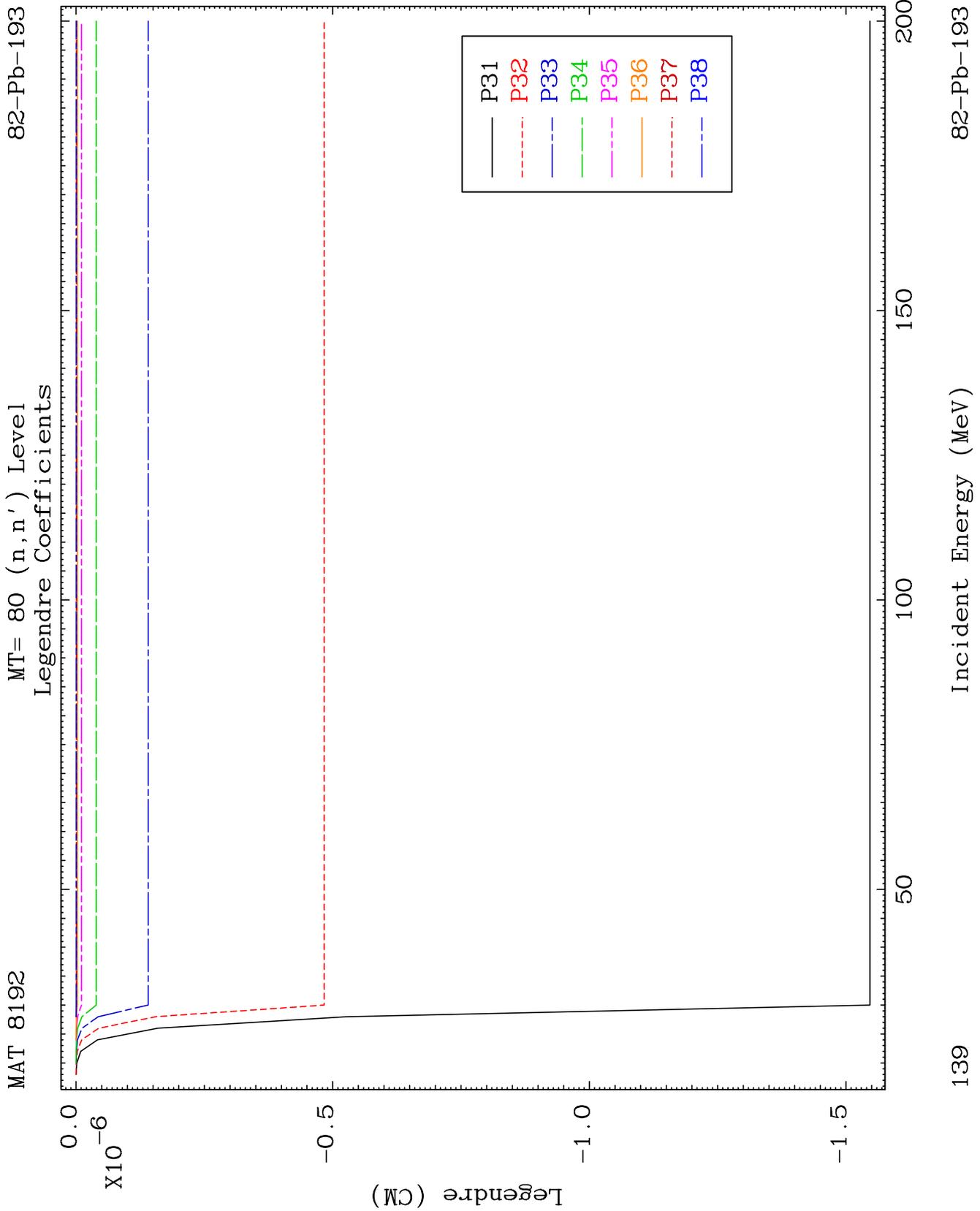
82-Pb-193



138

Incident Energy (MeV)

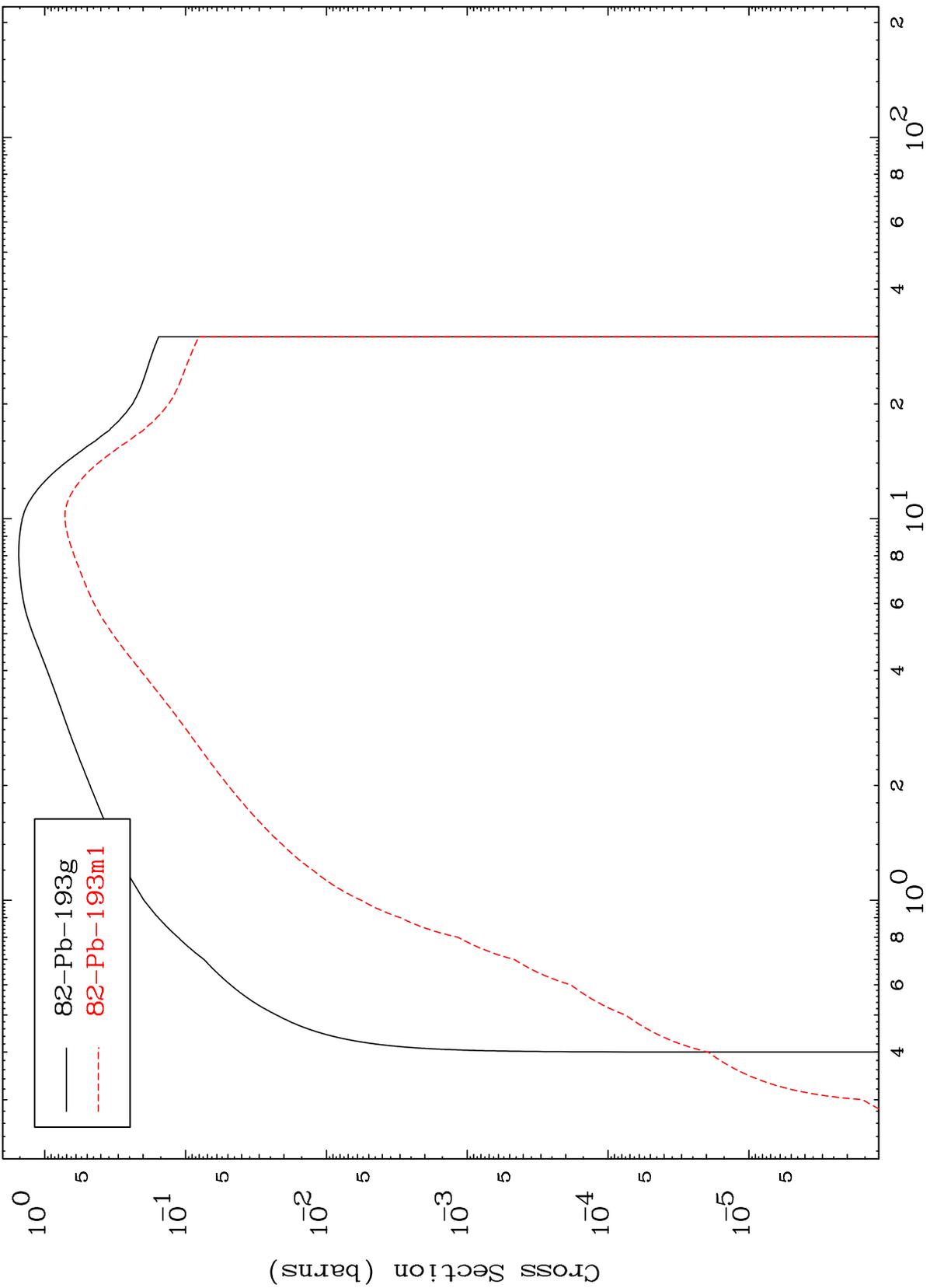
82-Pb-193



MAT 8192

82-Pb-193

Inelastic
Radionuclide Production Cross Section



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

82-Pb-193

Incident Energy (MeV)

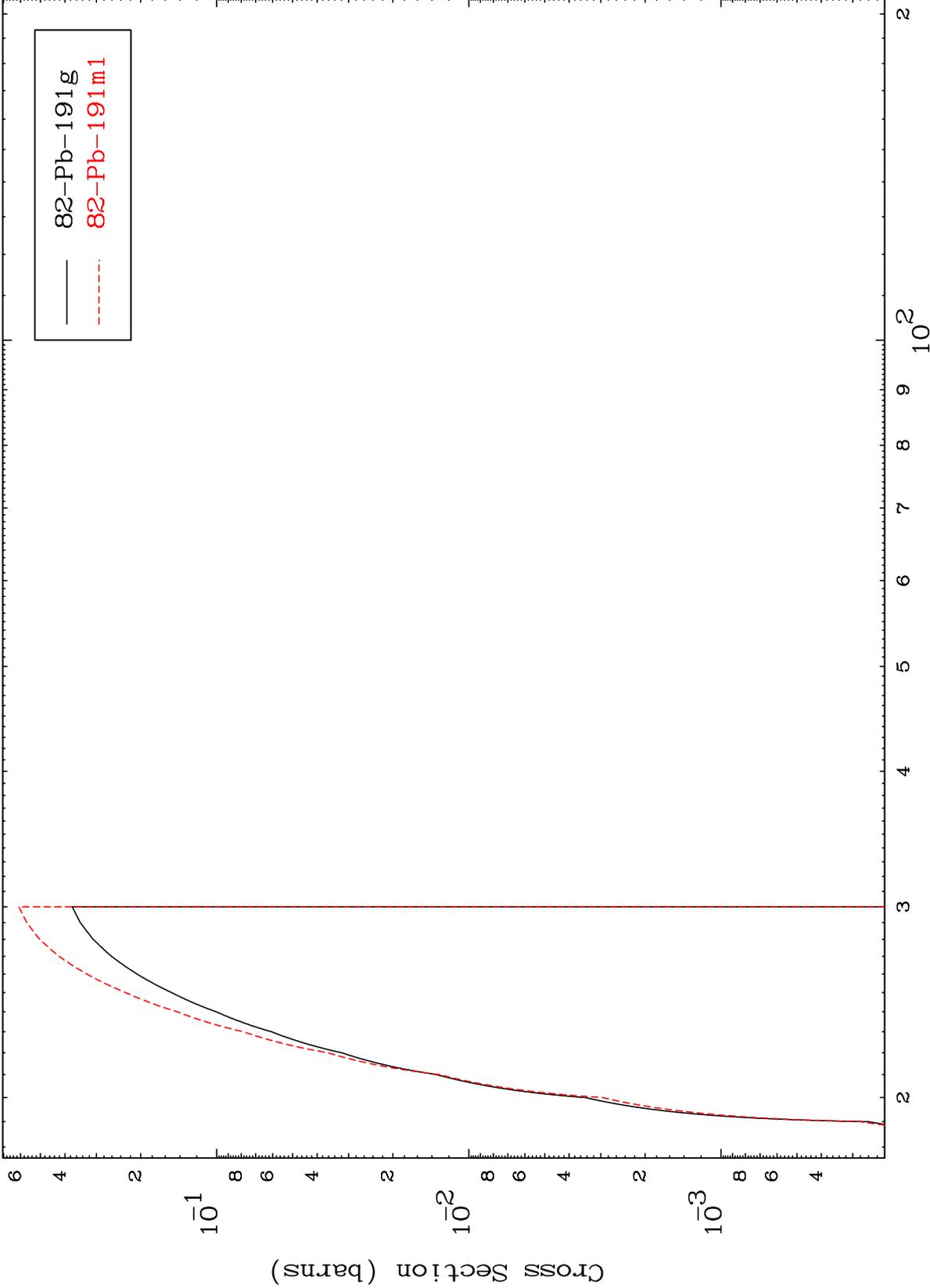
140

MAT 8192

(n,3n)

82-Pb-193

Radionuclide Production Cross Section



141

Incident Energy (MeV)

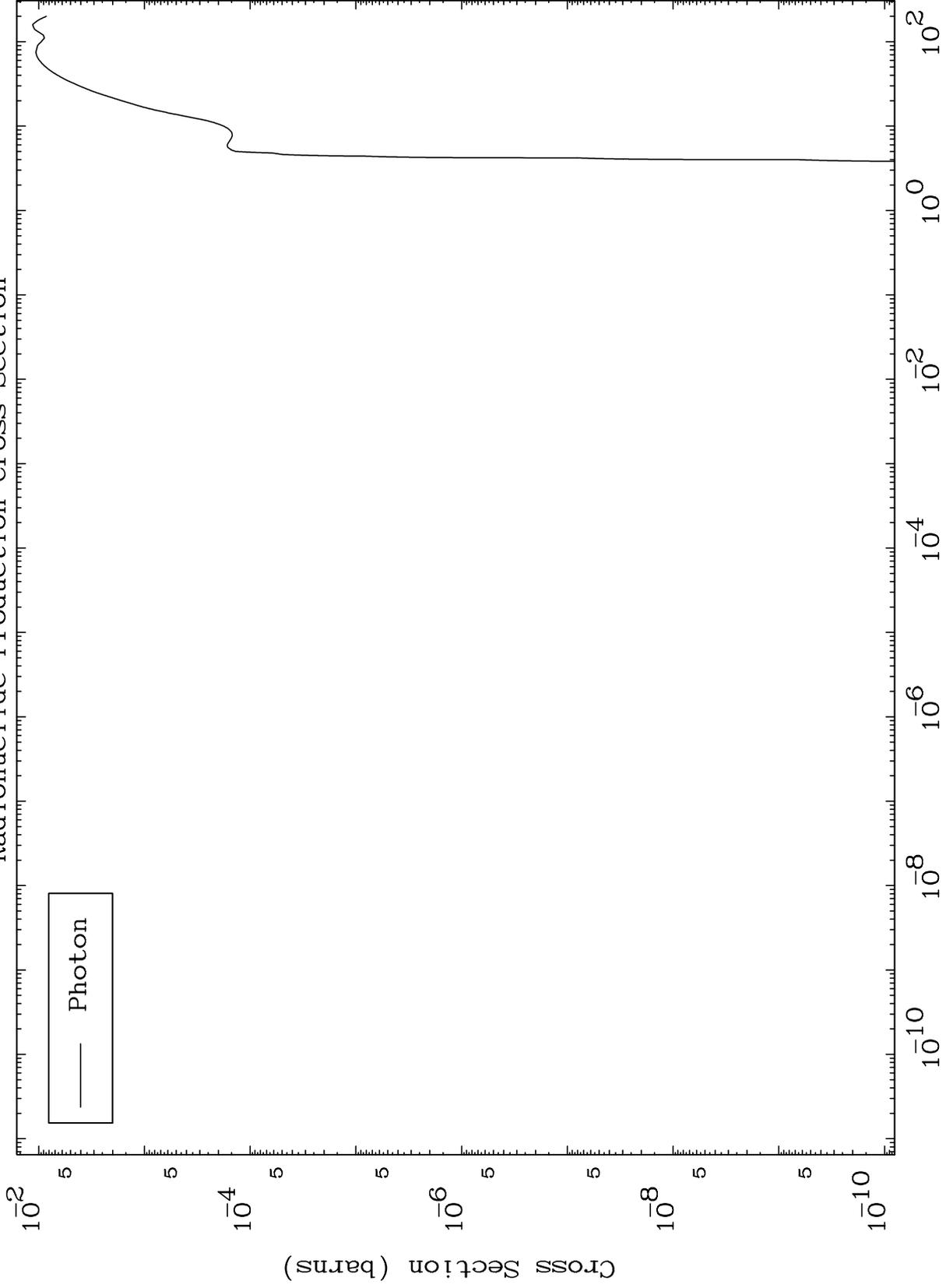
82-Pb-193

MAT 8192

Fission

82-Pb-193

Radionuclide Production Cross Section



142

Incident Energy (MeV)

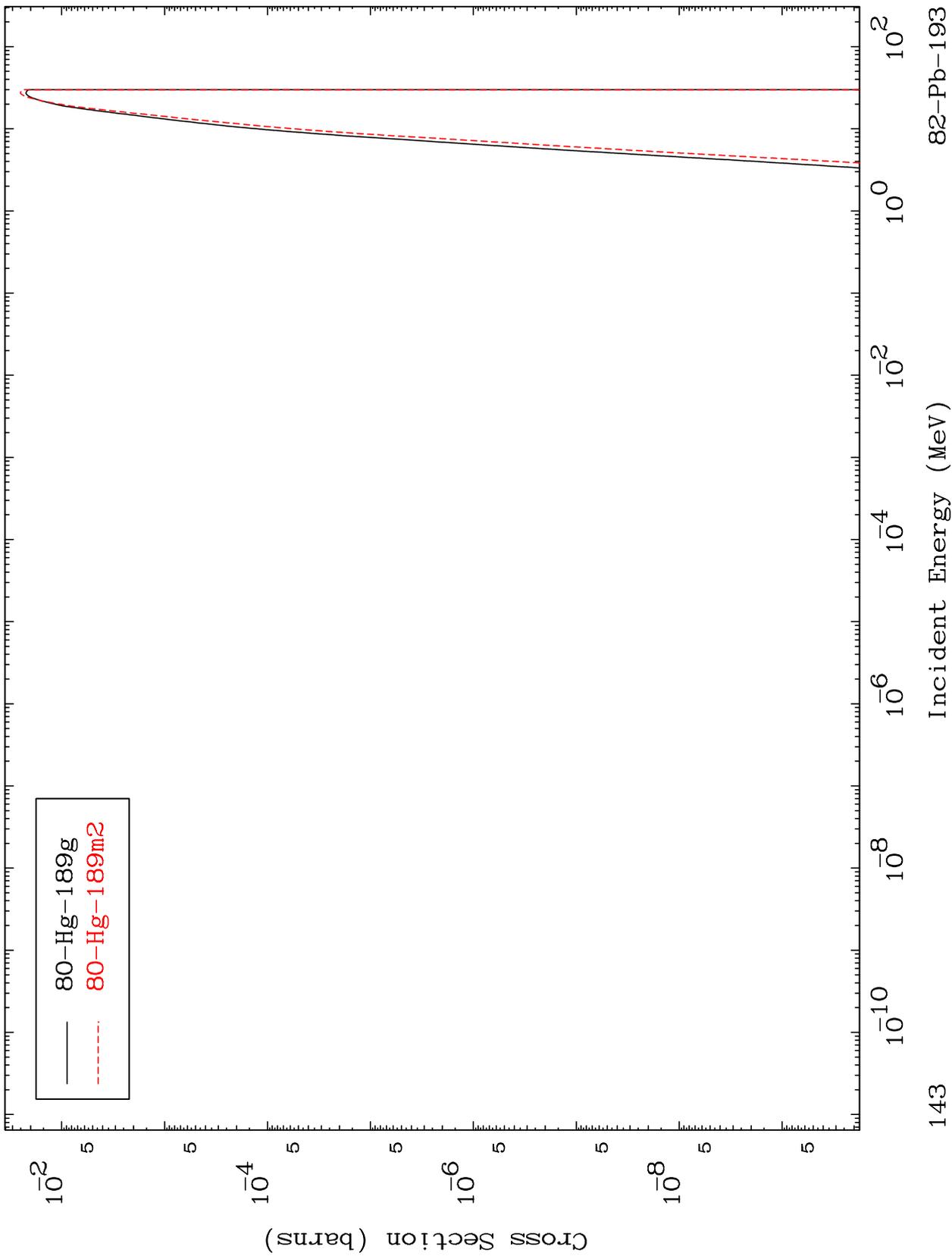
82-Pb-193

MAT 8192

(n, n') α

82-Pb-193

Radionuclide Production Cross Section



143

Incident Energy (MeV)

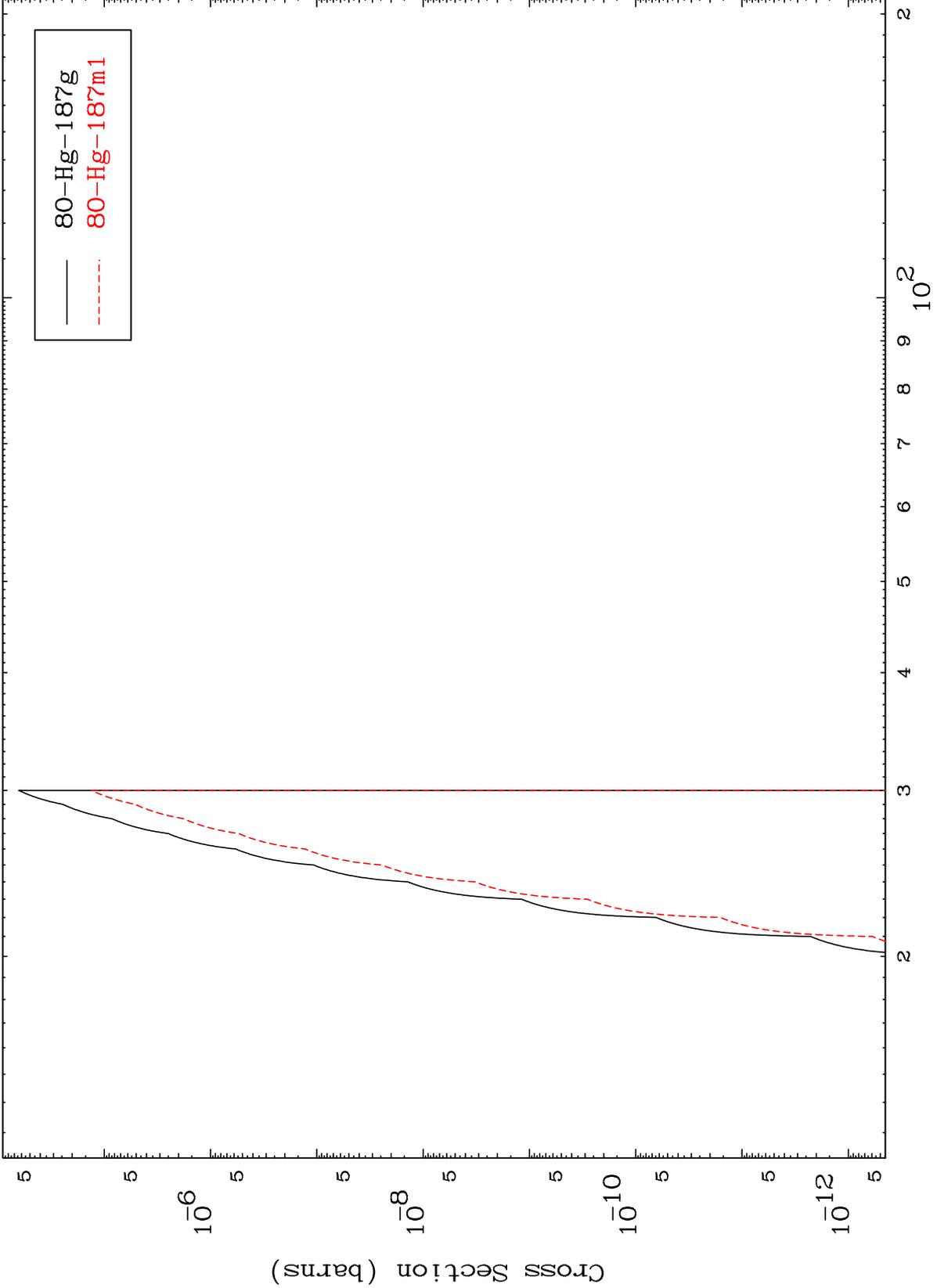
82-Pb-193

MAT 8192

(n,3n) α

82-Pb-193

Radionuclide Production Cross Section



144

Incident Energy (MeV)

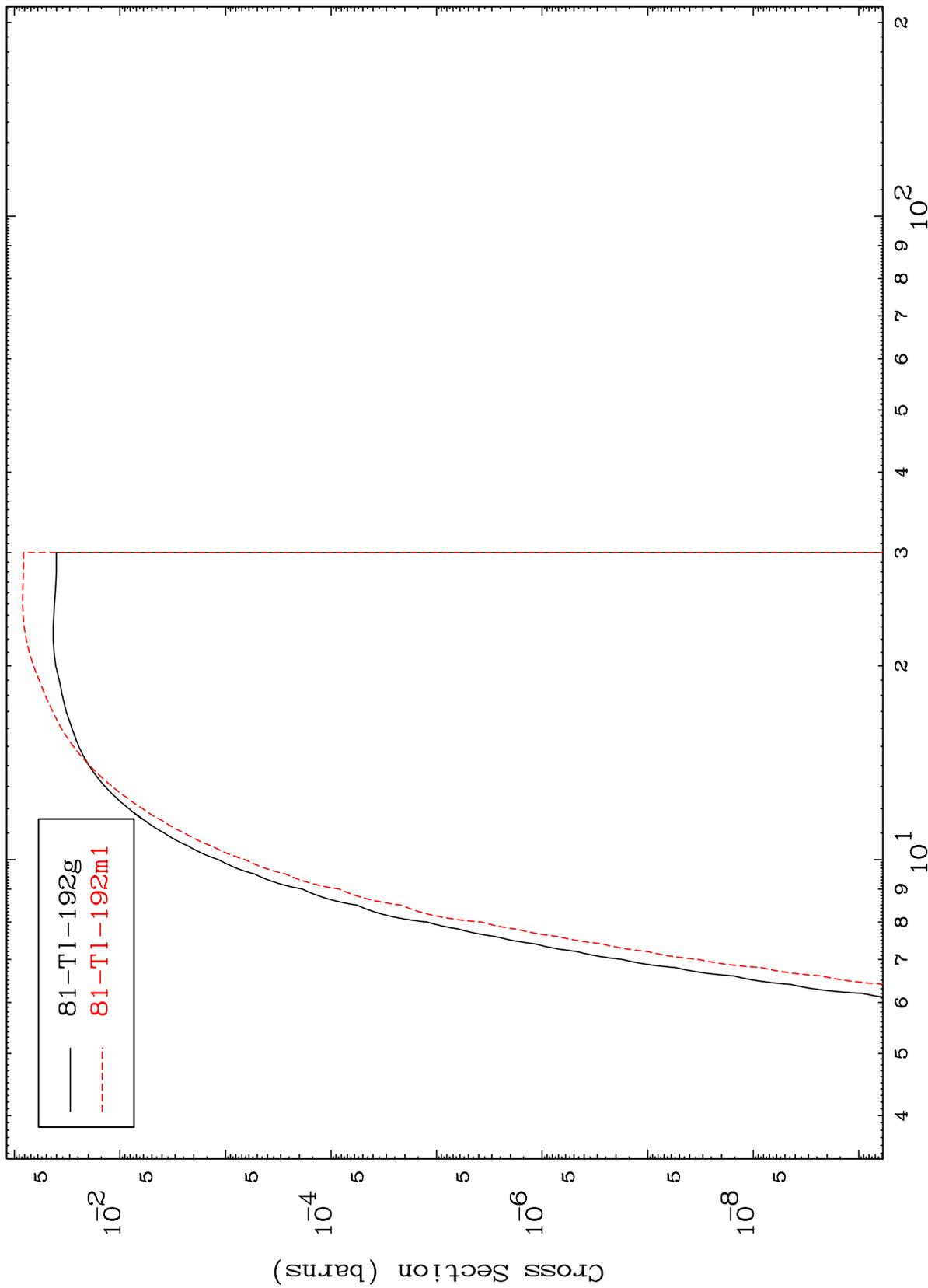
82-Pb-193

MAT 8192

(n,n') p

82-Pb-193

Radionuclide Production Cross Section



145

Incident Energy (MeV)

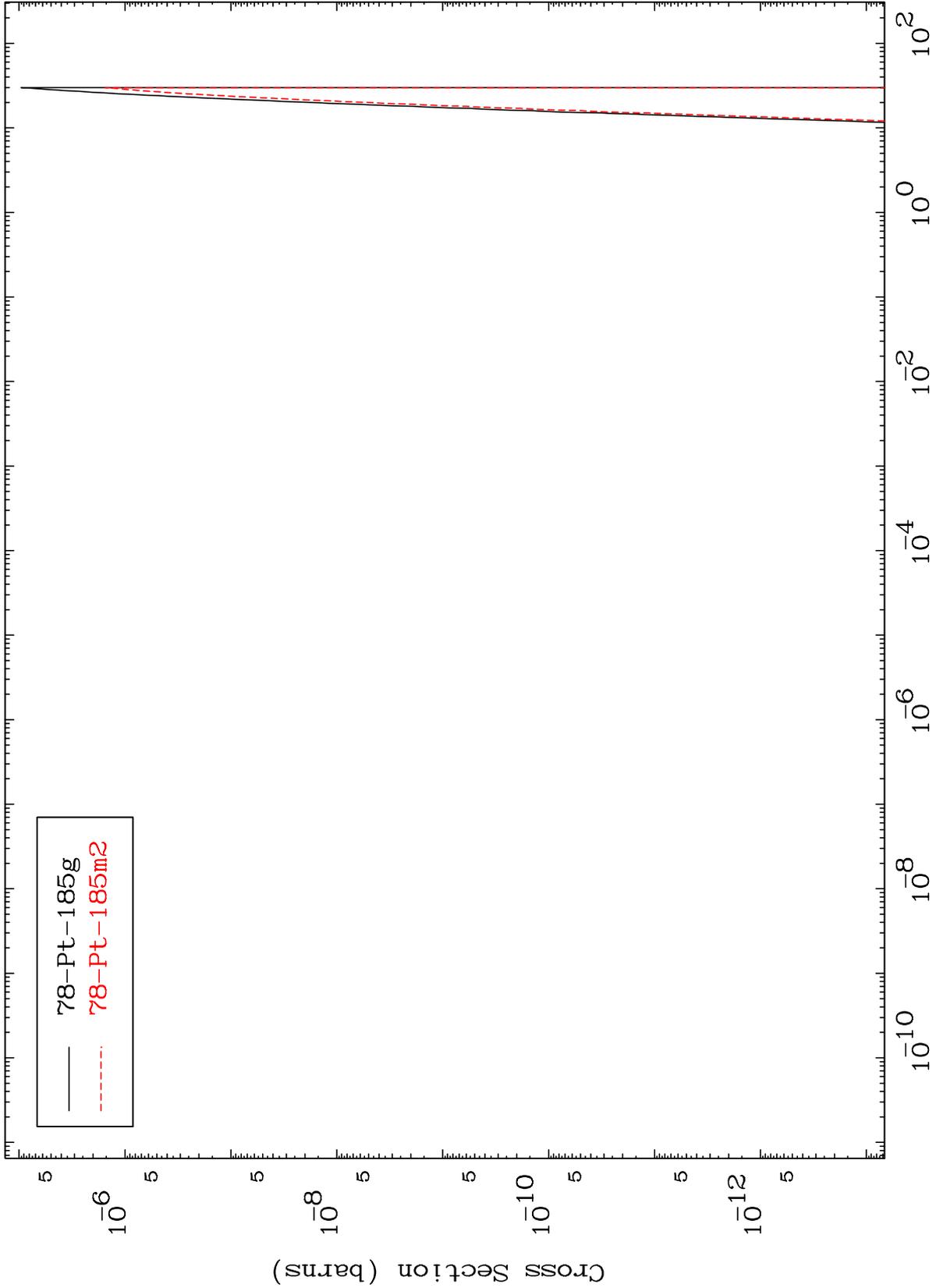
82-Pb-193

MAT 8192

(n,n') 2α

82-Pb-193

Radionuclide Production Cross Section



78-Pt-185g
78-Pt-185m2

146

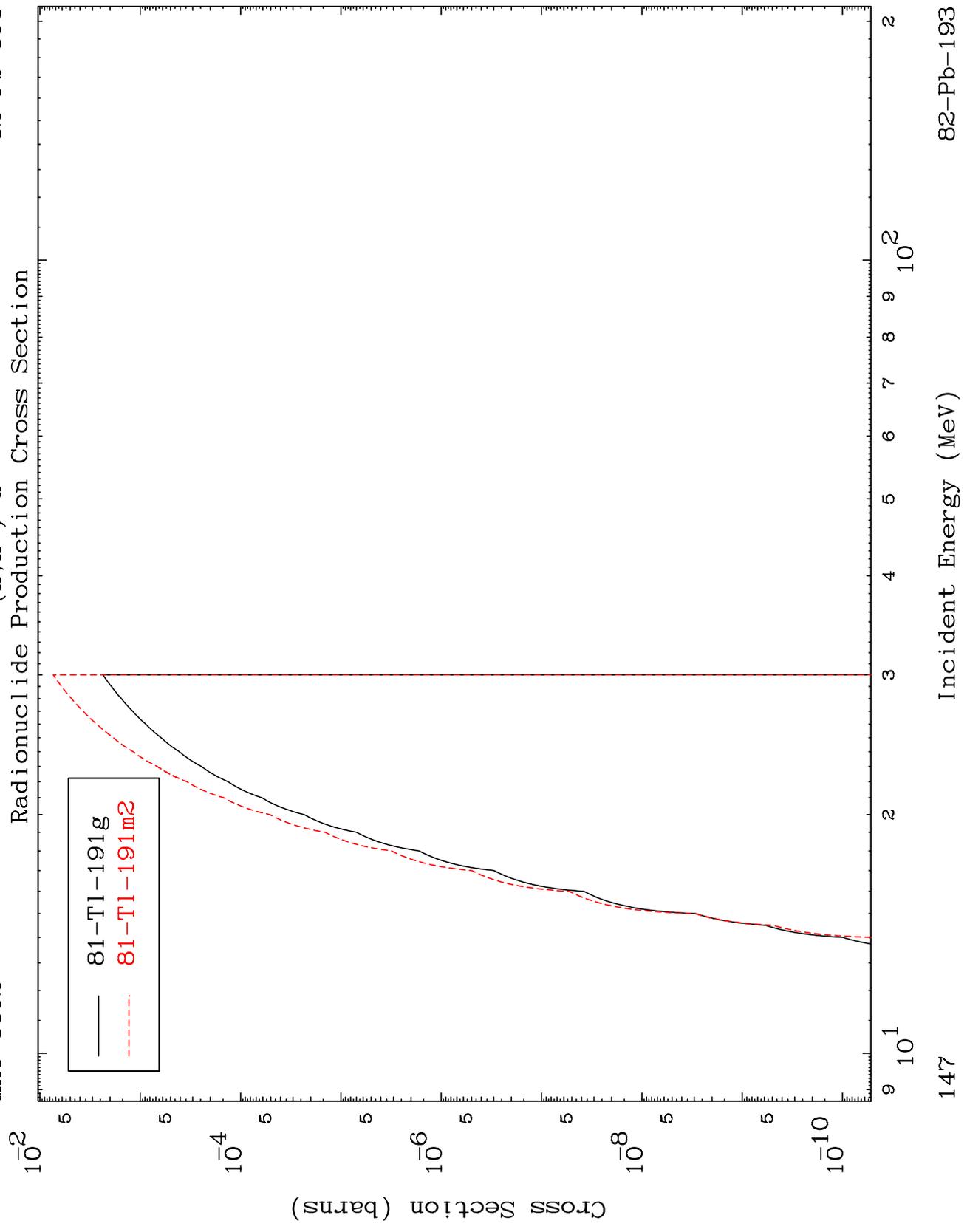
Incident Energy (MeV)

82-Pb-193

MAT 8192

(n,n') d

82-Pb-193



147

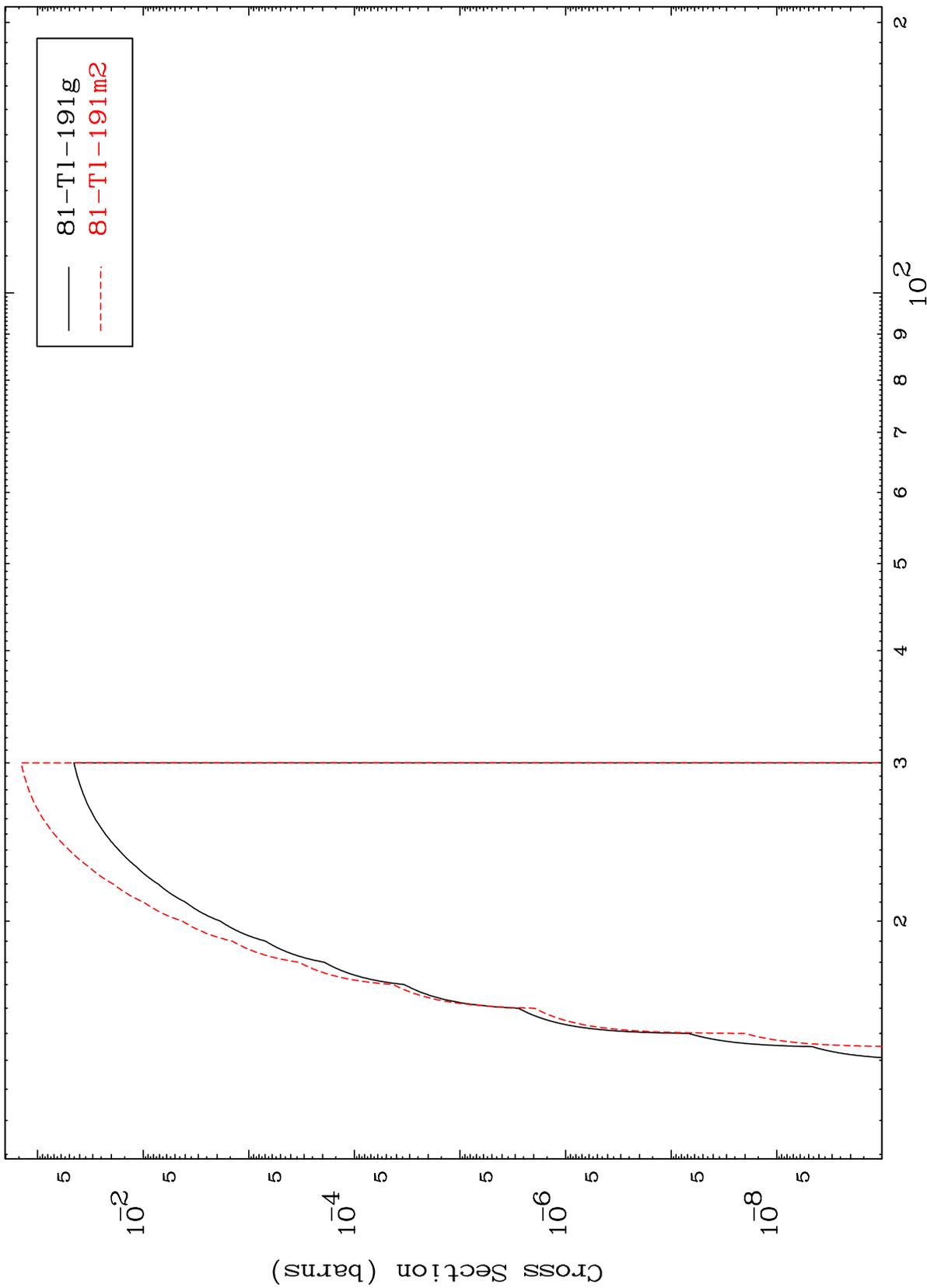
82-Pb-193

MAT 8192

(n,2n) p

82-Pb-193

Radionuclide Production Cross Section



148

Incident Energy (MeV)

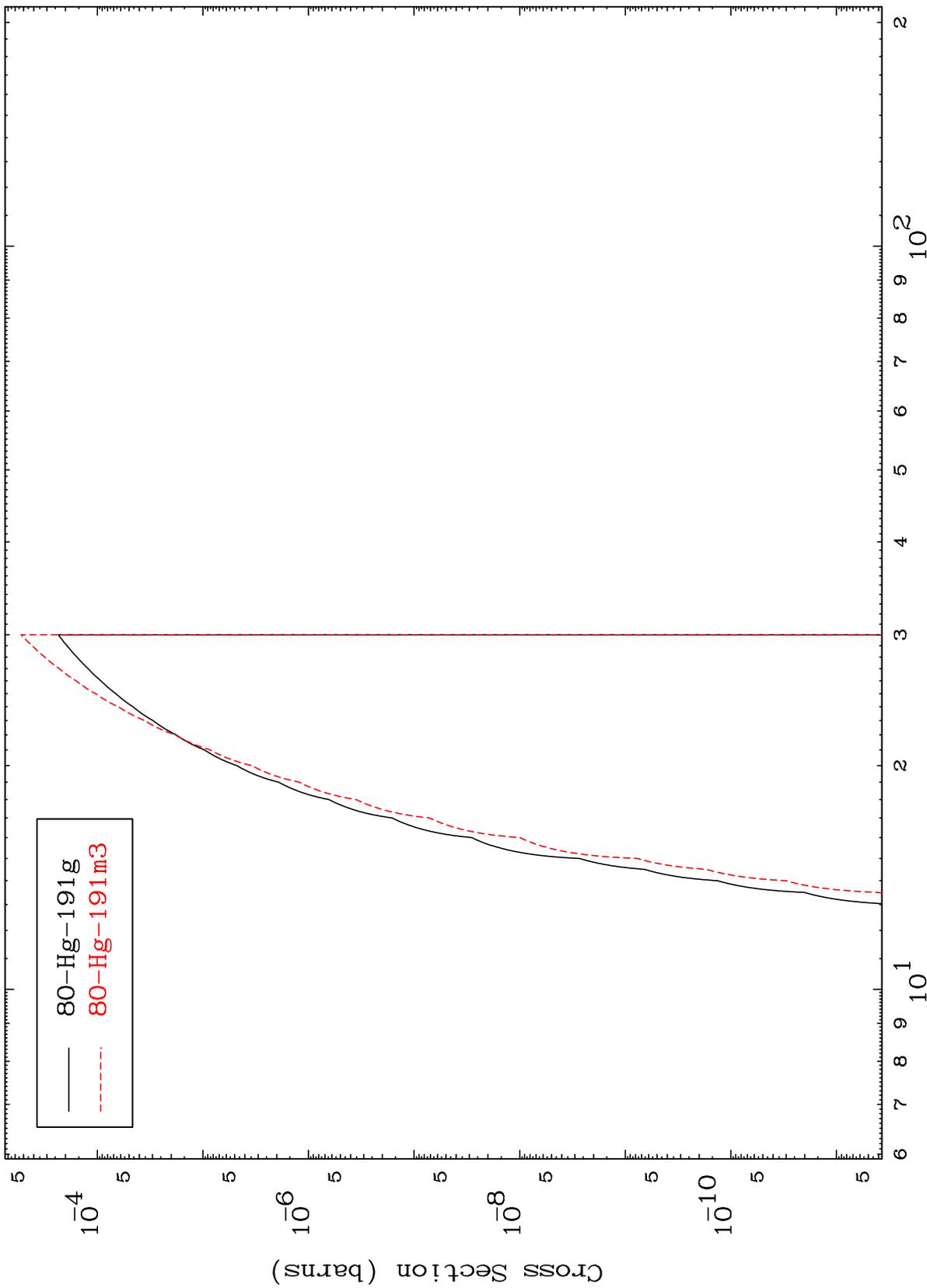
82-Pb-193

MAT 8192

(n,2n) p

82-Pb-193

Radionuclide Production Cross Section



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

149

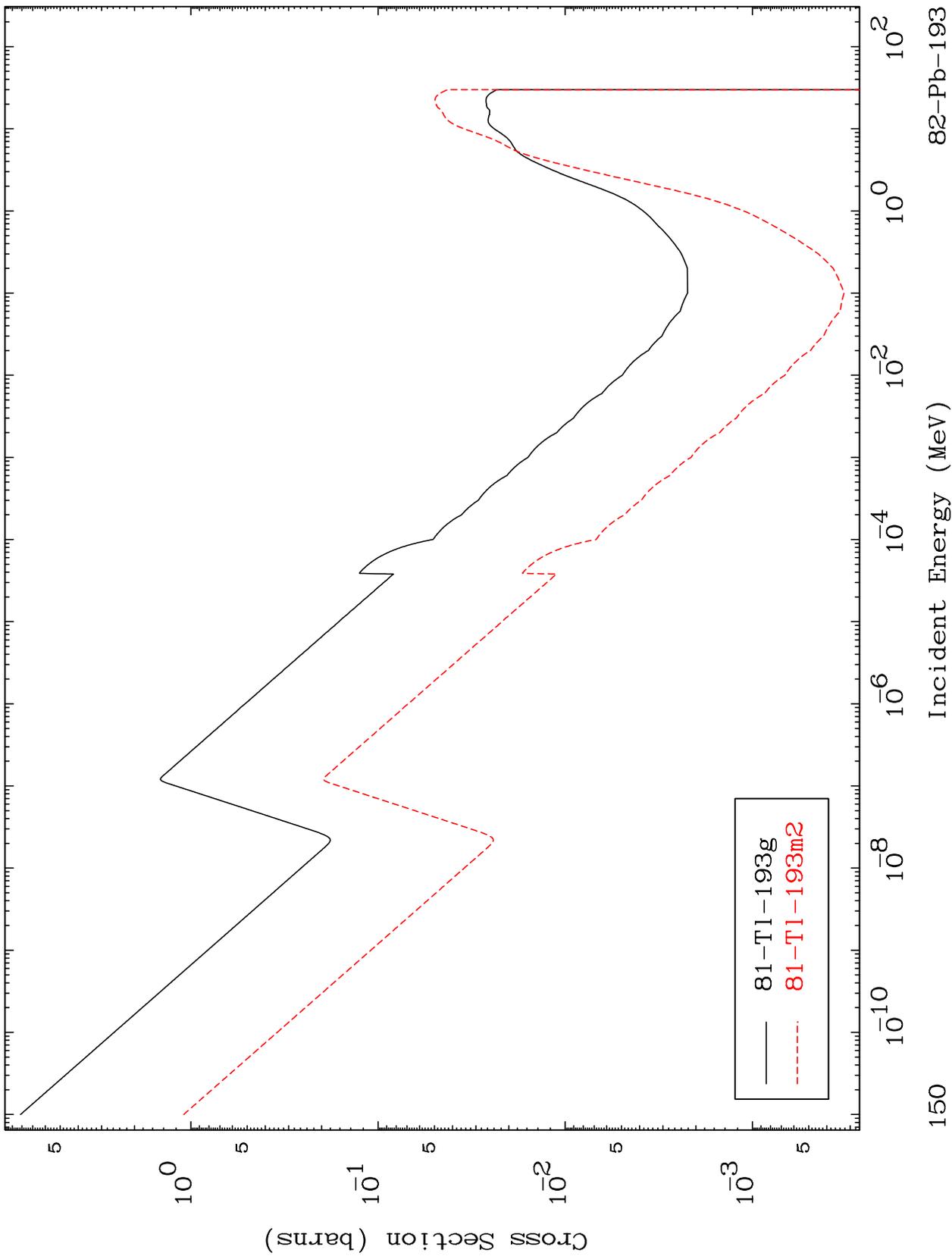
Incident Energy (MeV)

82-Pb-193

MAT 8192

82-Pb-193

(n,p)
Radionuclide Production Cross Section

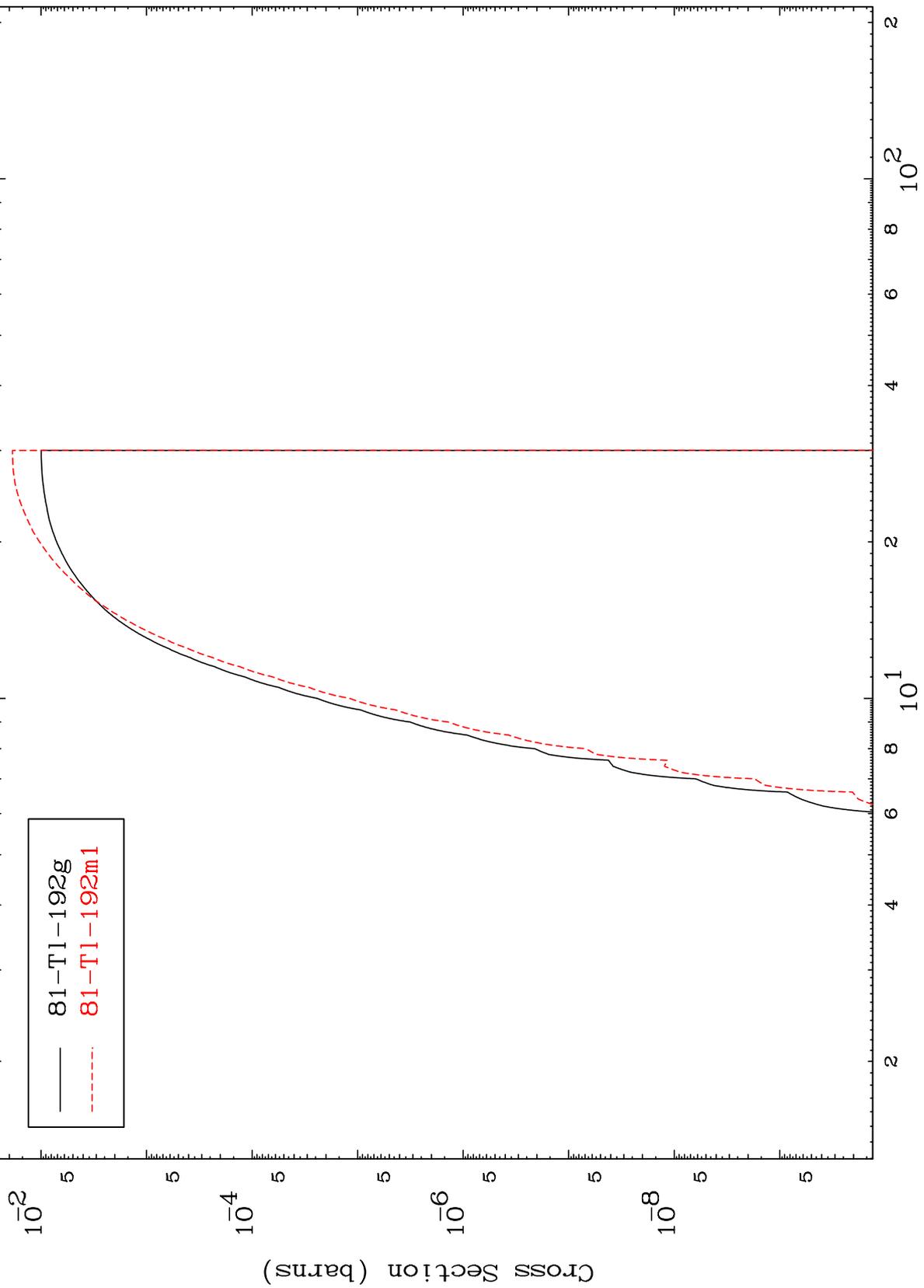


MAT 8192

(n,d)

82-Pb-193

Radionuclide Production Cross Section



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

151

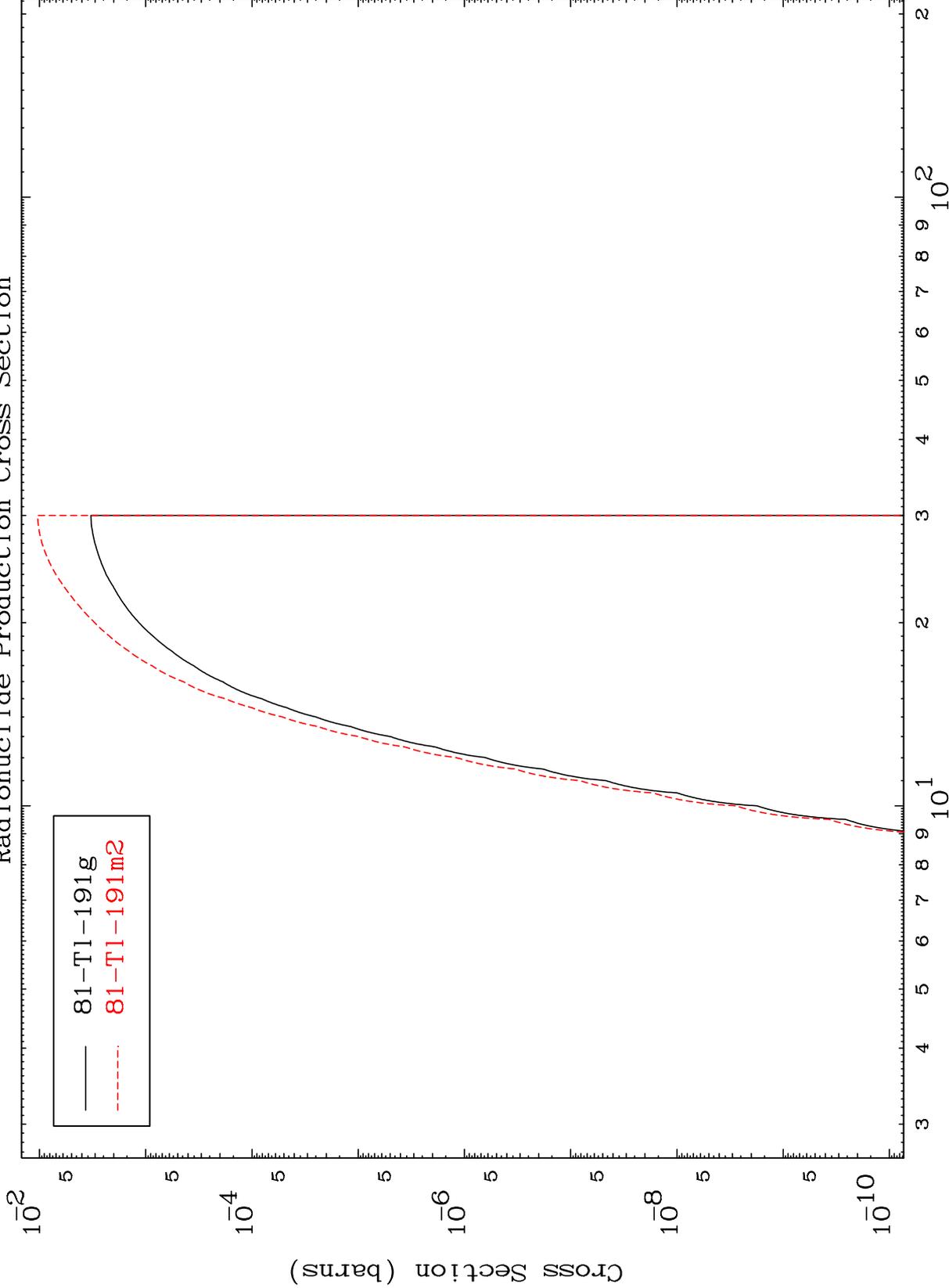
Incident Energy (MeV)

82-Pb-193

MAT 8192

82-Pb-193

(n, t)
Radionuclide Production Cross Section



— 81-Tl-191g
- - - 81-Tl-191m2

152

Incident Energy (MeV)

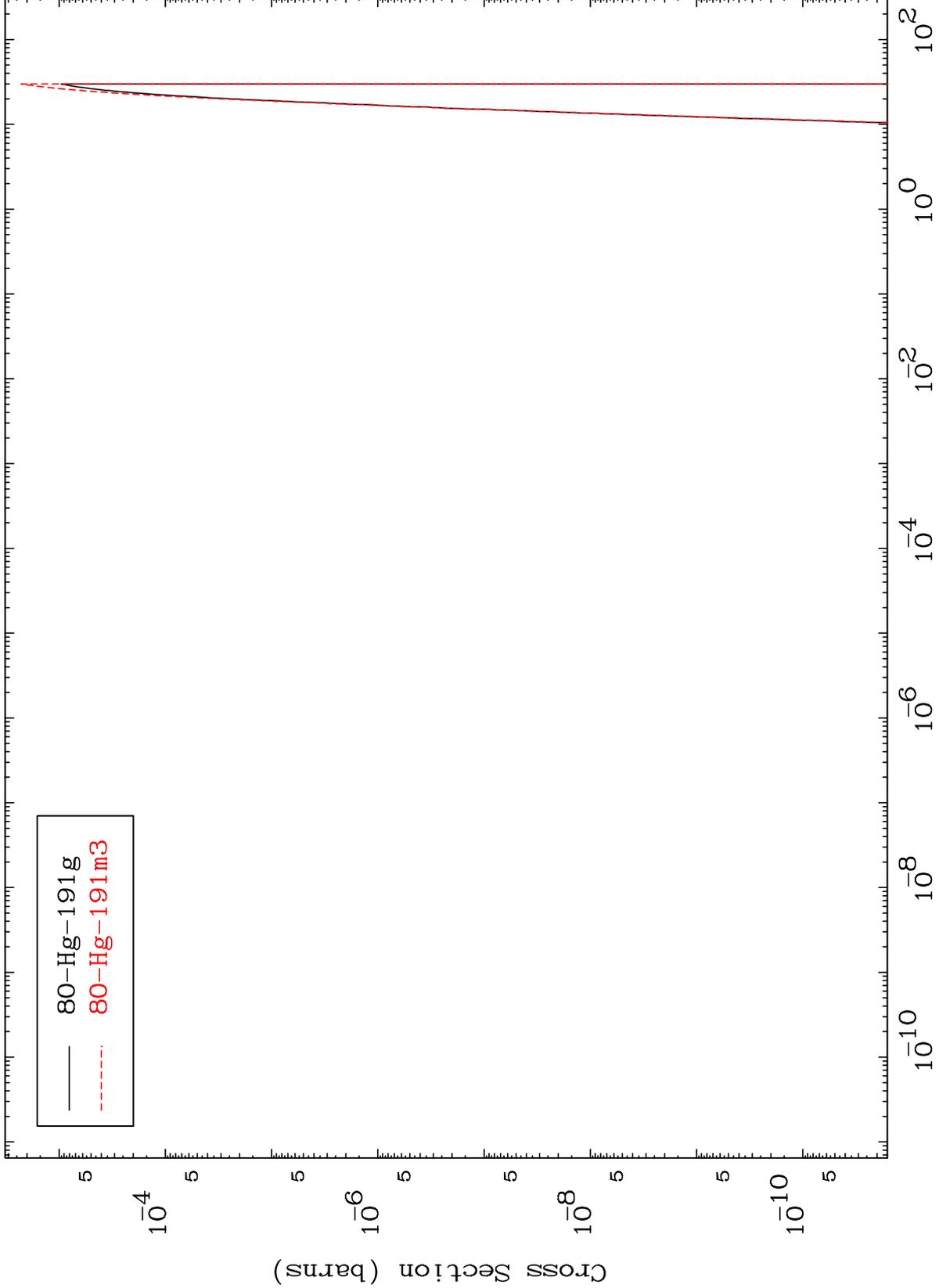
82-Pb-193

MAT 8192

(n,He-3)

82-Pb-193

Radionuclide Production Cross Section

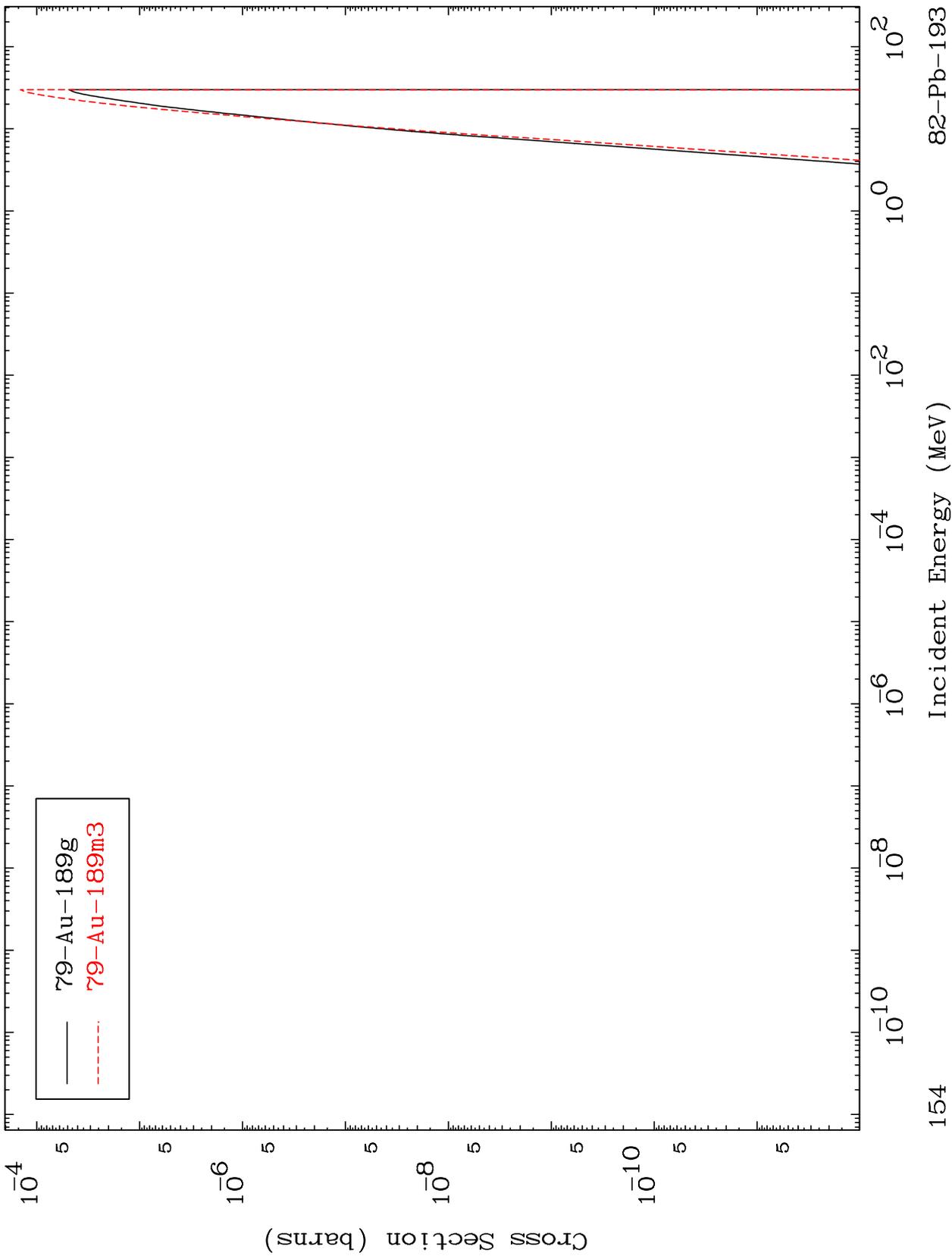


MAT 8192

(n,p) α

82-Pb-193

Radionuclide Production Cross Section

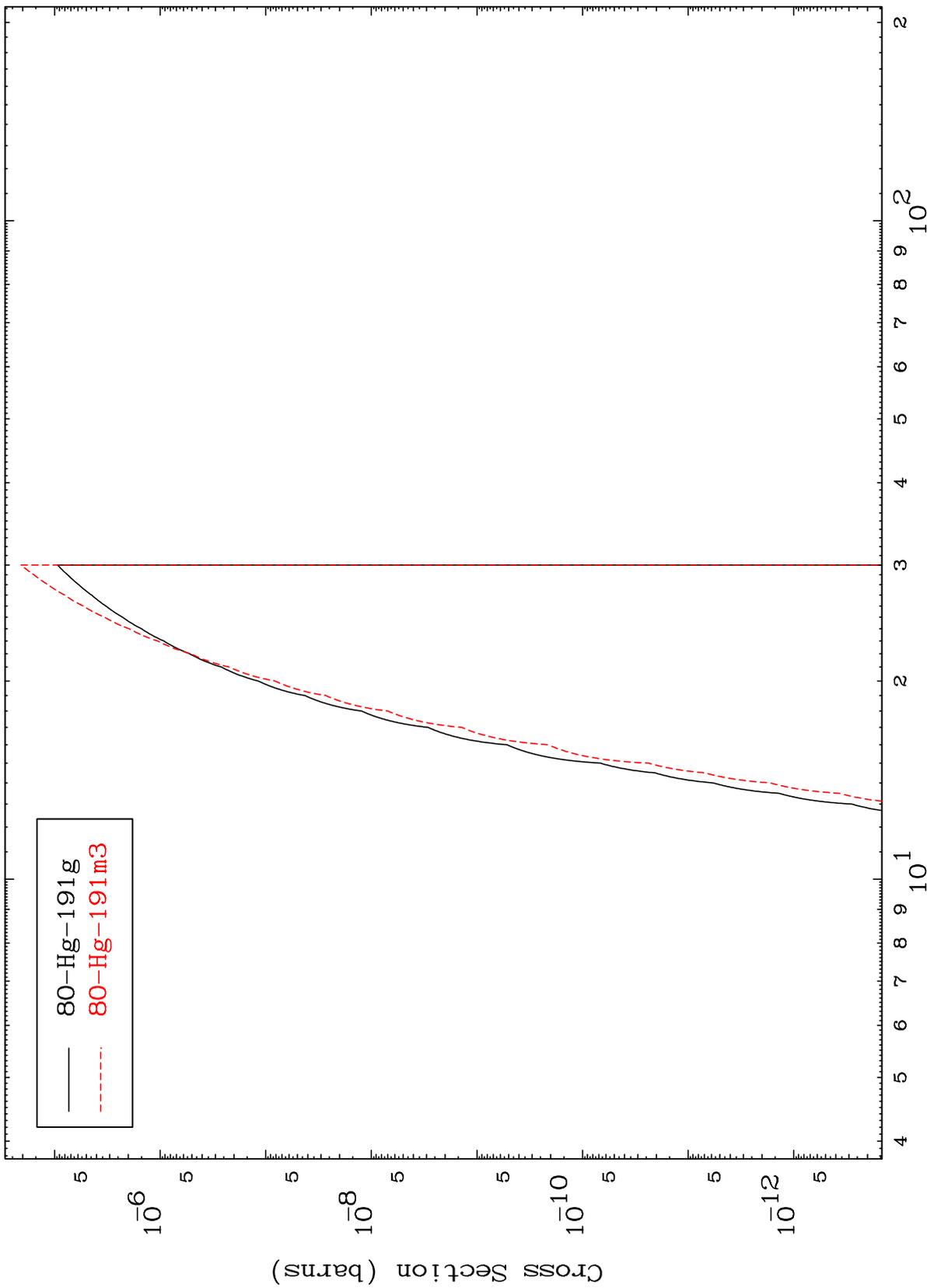


MAT 8192

(n,p) d

82-Pb-193

Radionuclide Production Cross Section



155

Incident Energy (MeV)

82-Pb-193