

Program EVALPLOT
(Version 2021-1)

by

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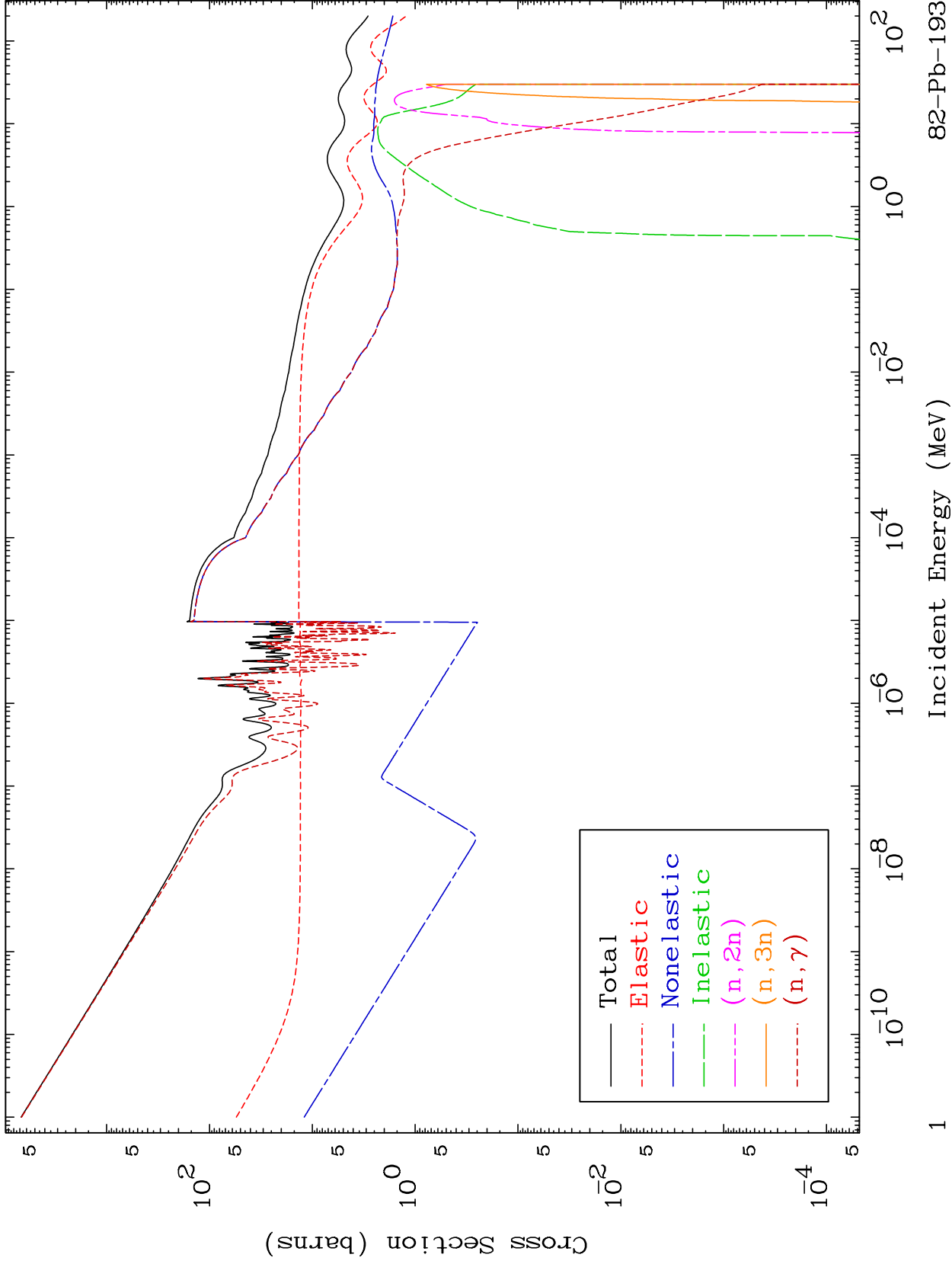
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8192

Neutron Major
293 Kelvin Cross Sections

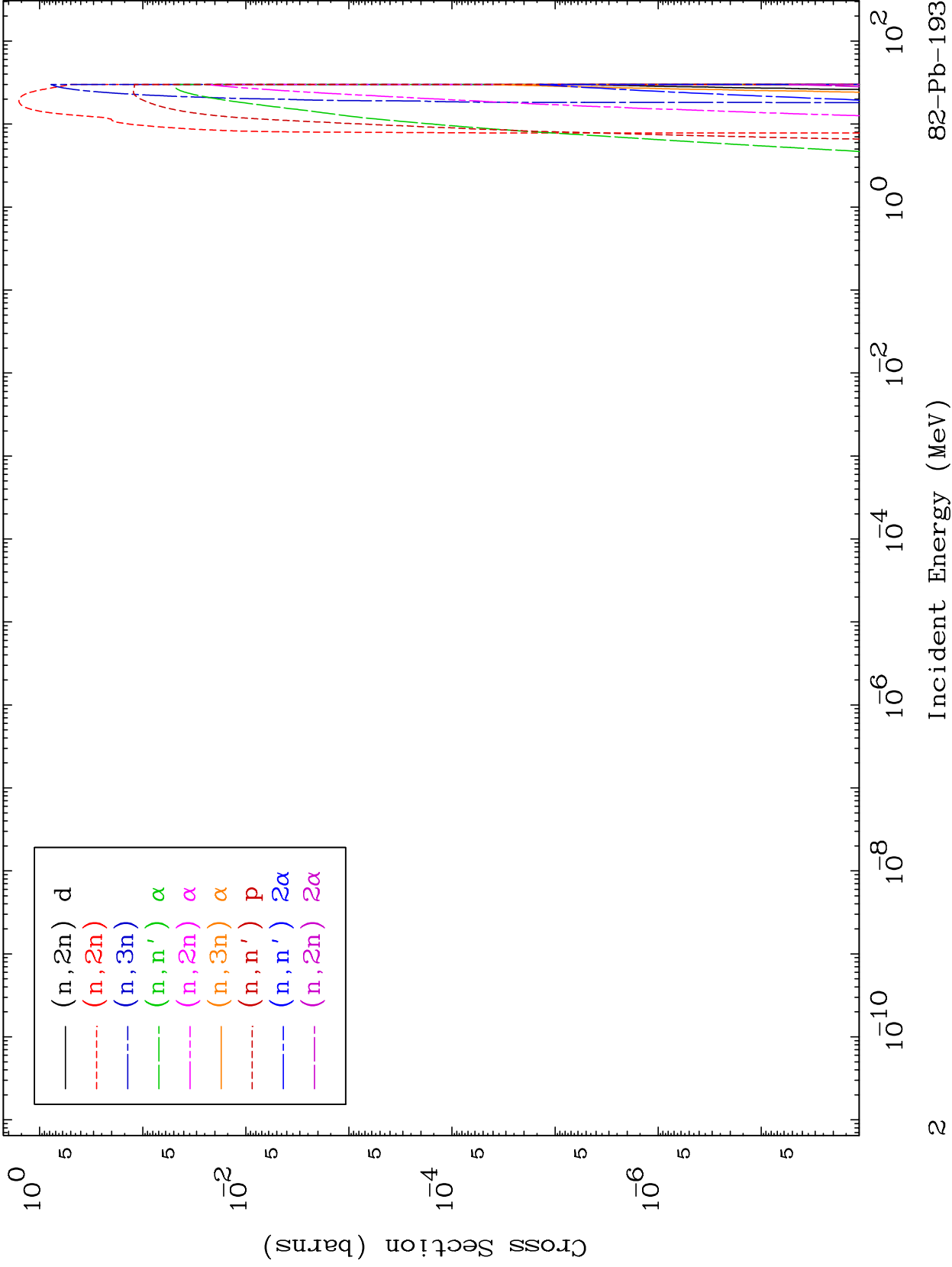
82-Pb-193

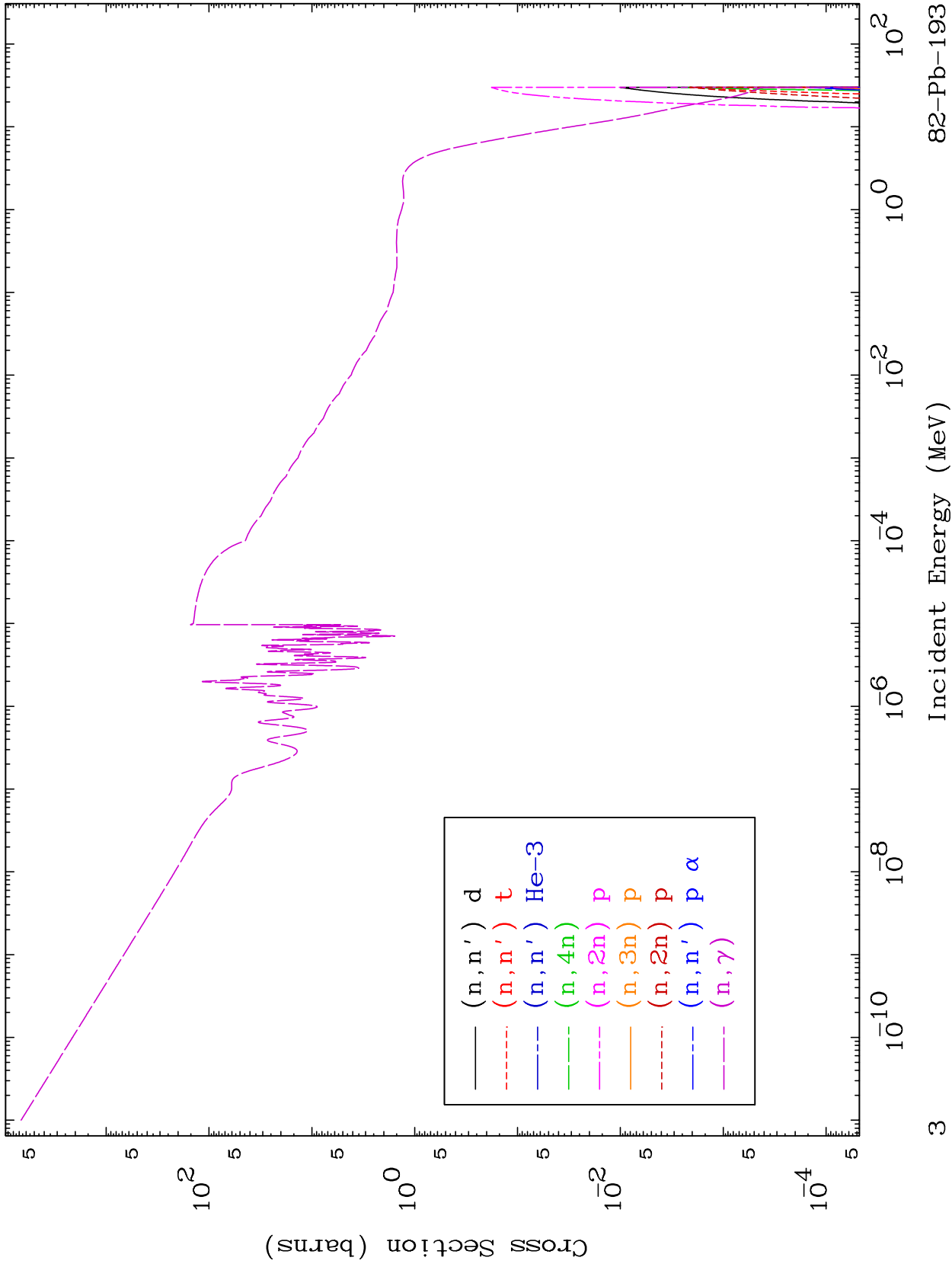


MAT 8192

Neutron Absorption
293 Kelvin Cross Sections

82-Pb-193

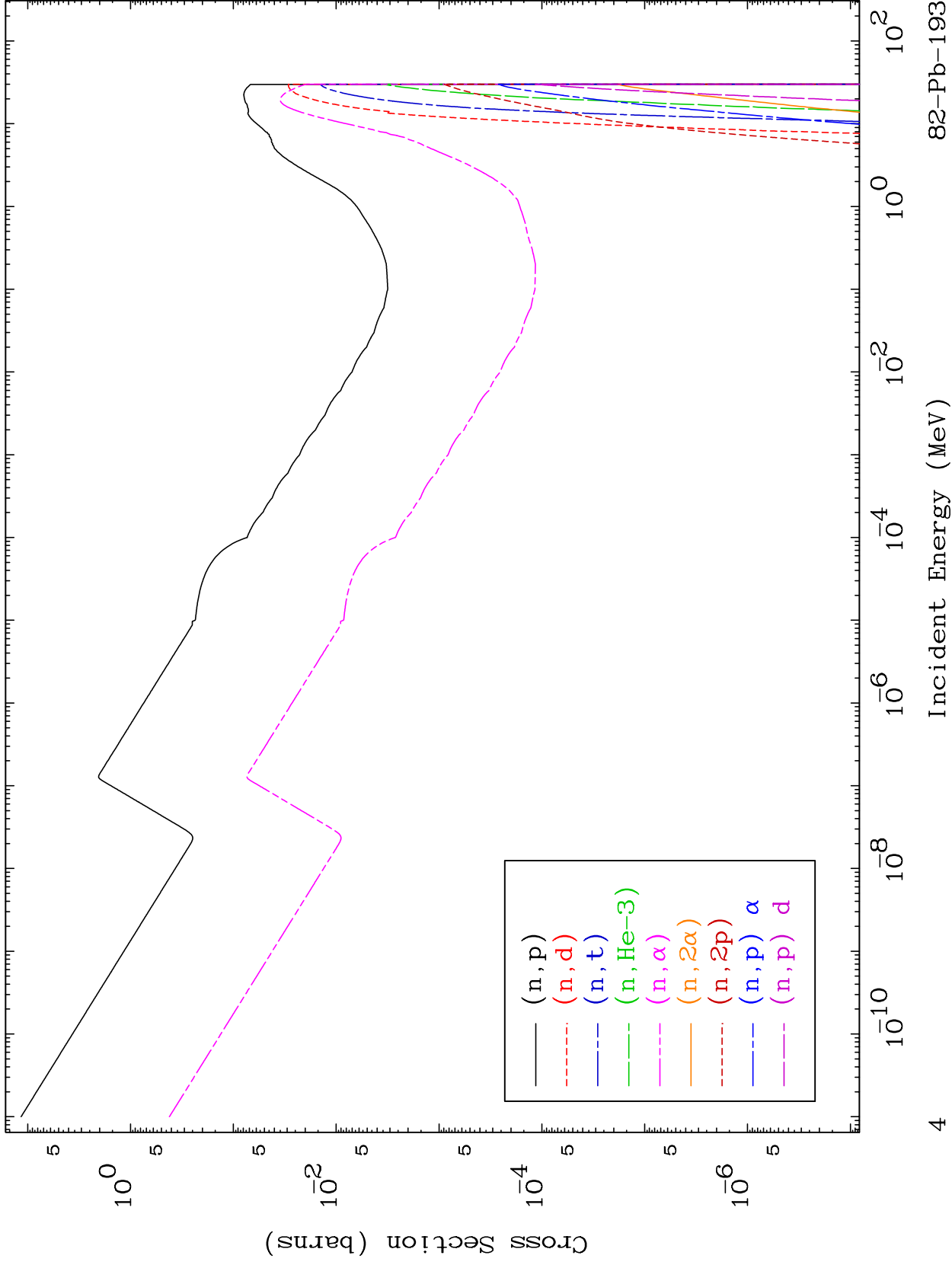


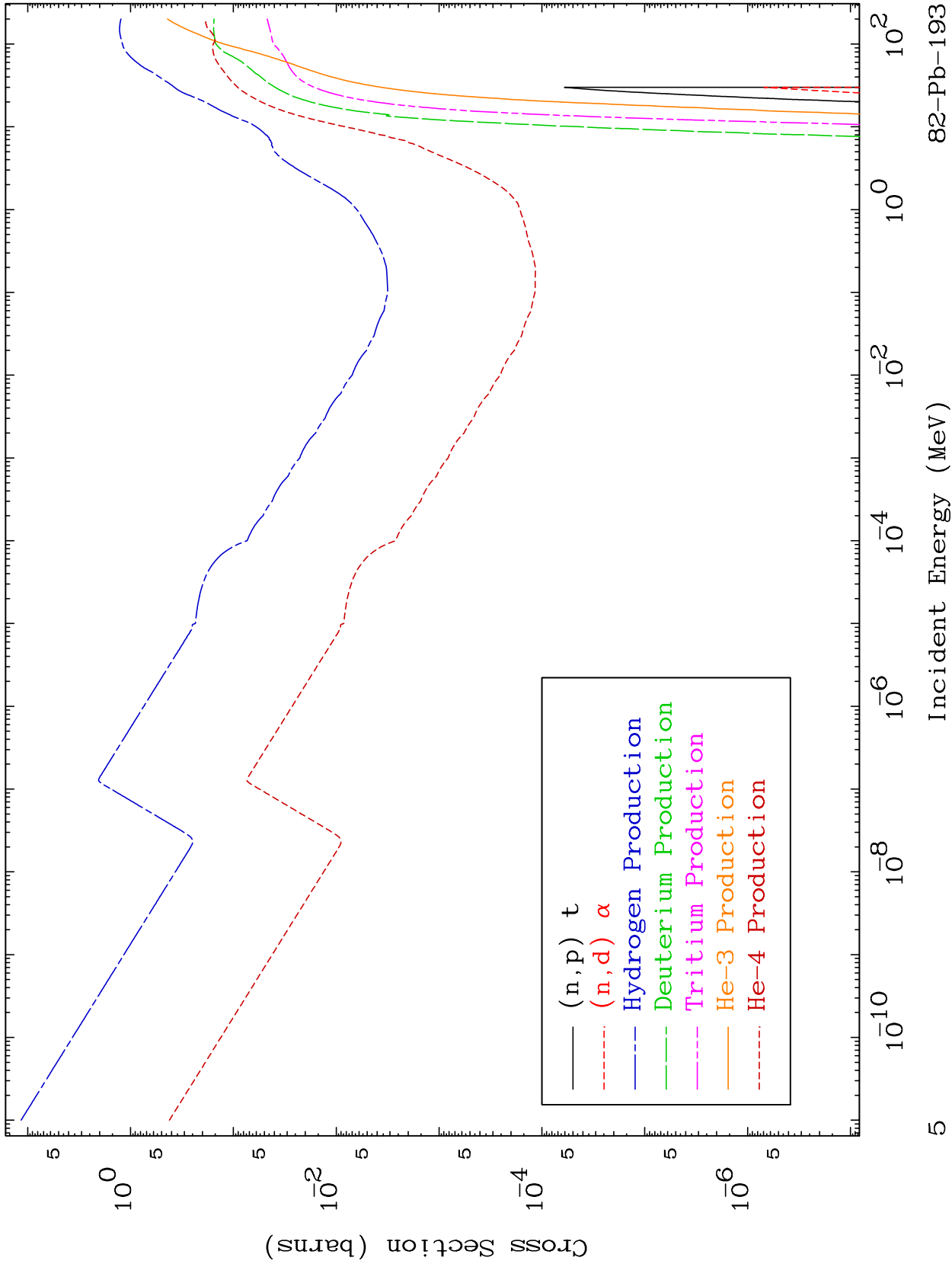


MAT 8192

Neutron Absorption
293 Kelvin Cross Sections

82-Pb-193

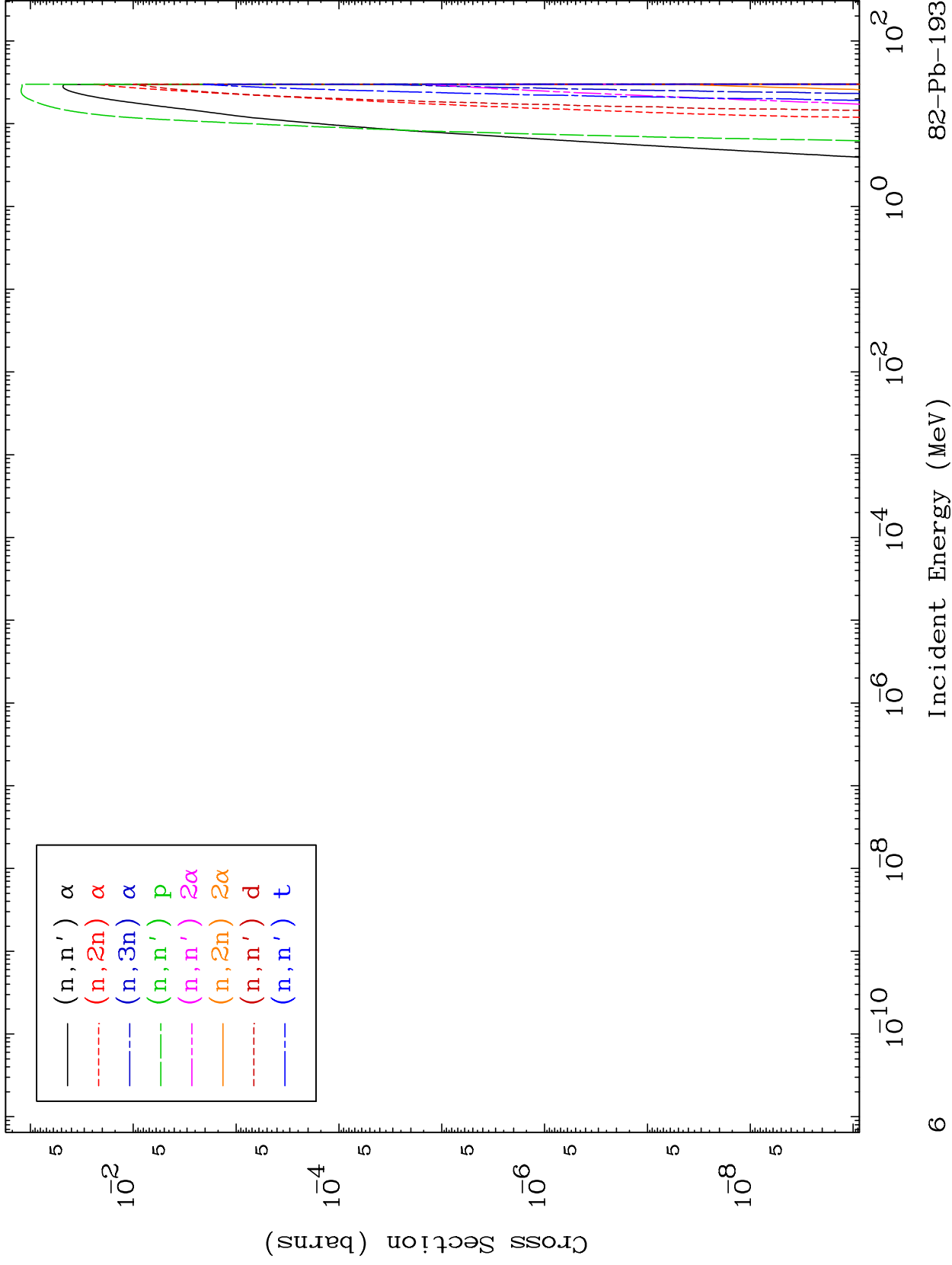




MAT 8192

Charged Particle
293 Kelvin Cross Sections

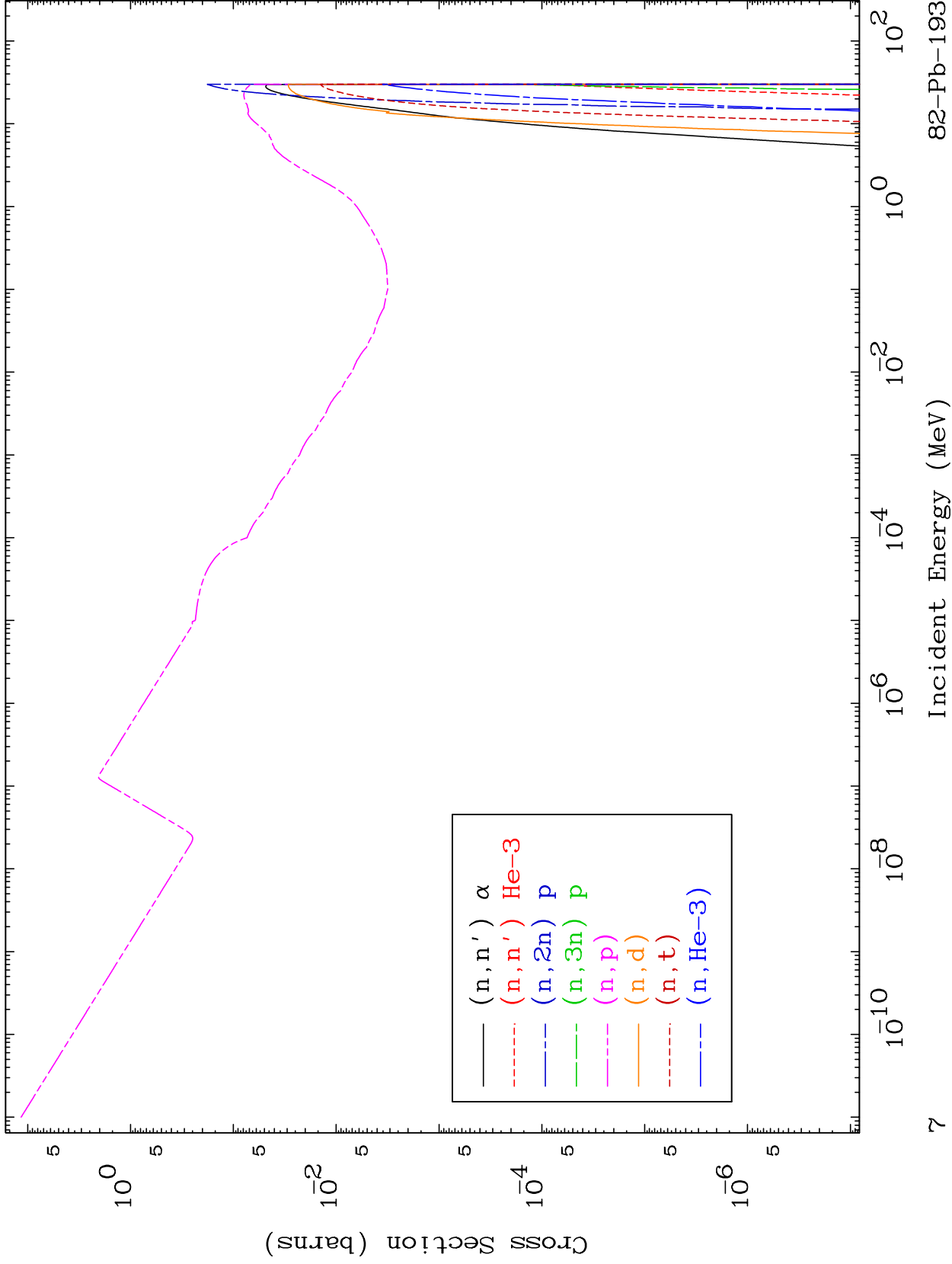
82-Pb-193



MAT 8192

Charged Particle
293 Kelvin Cross Sections

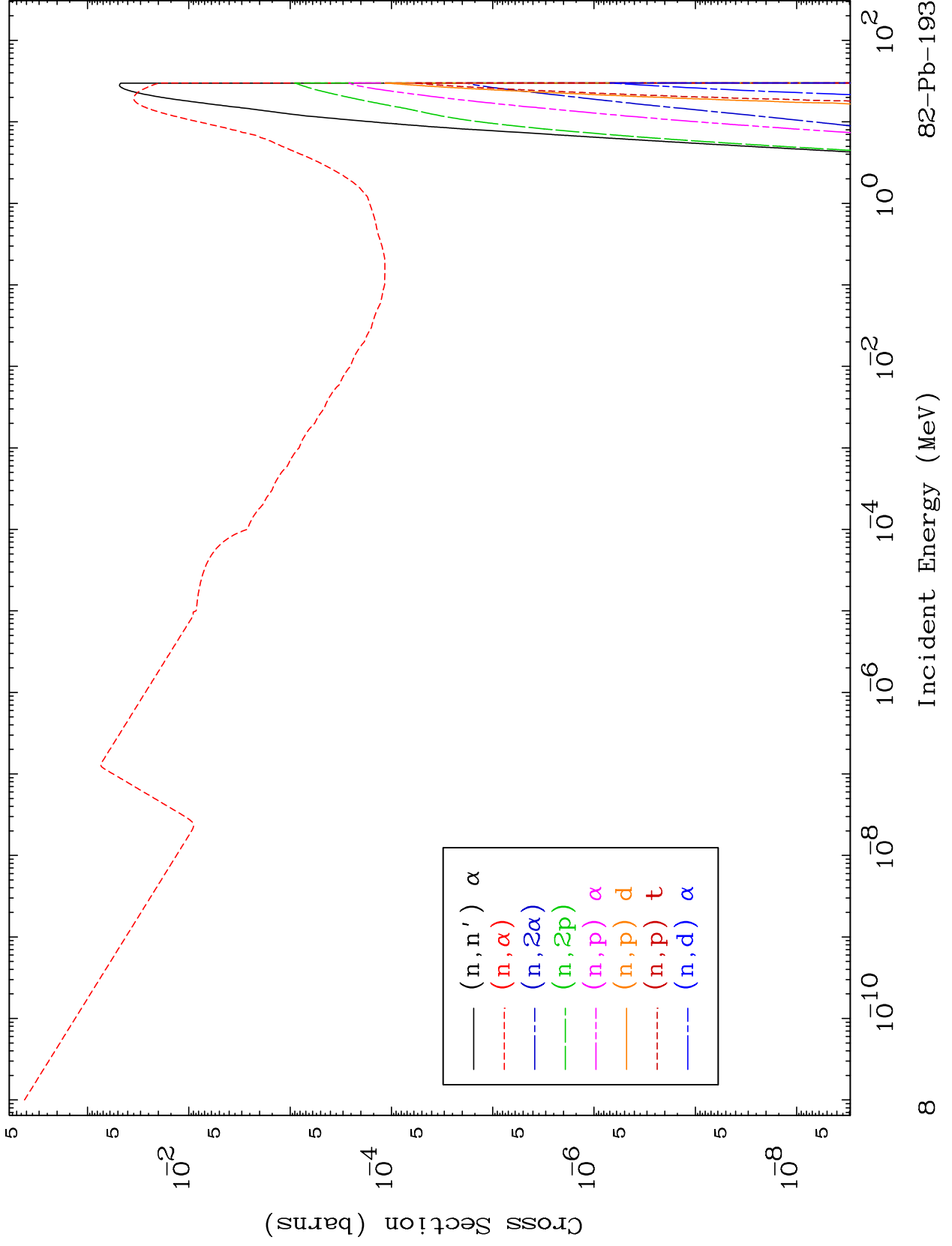
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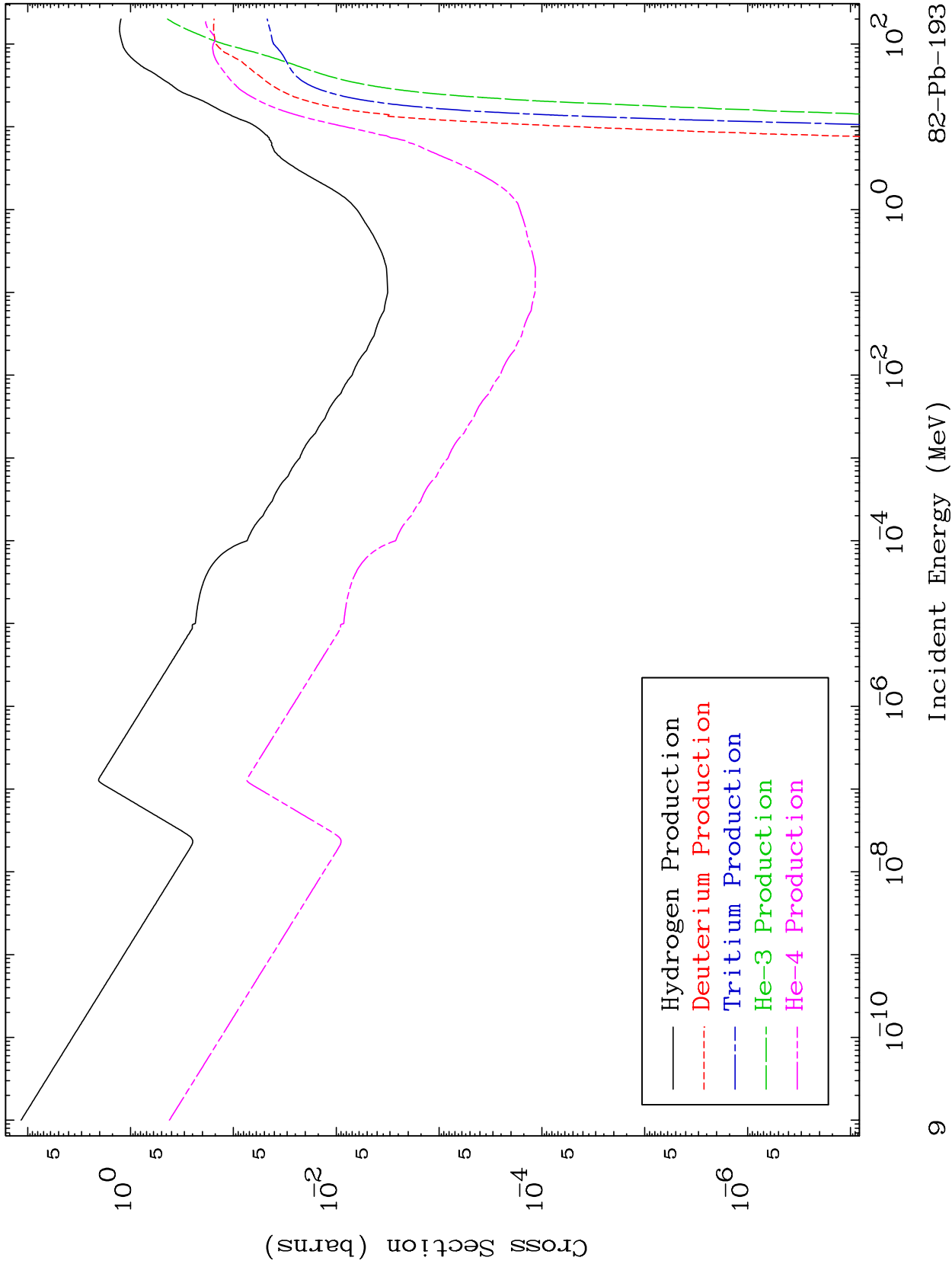


MAT 8192

293 Kelvin Cross Sections
Charged Particle

82-Pb-193

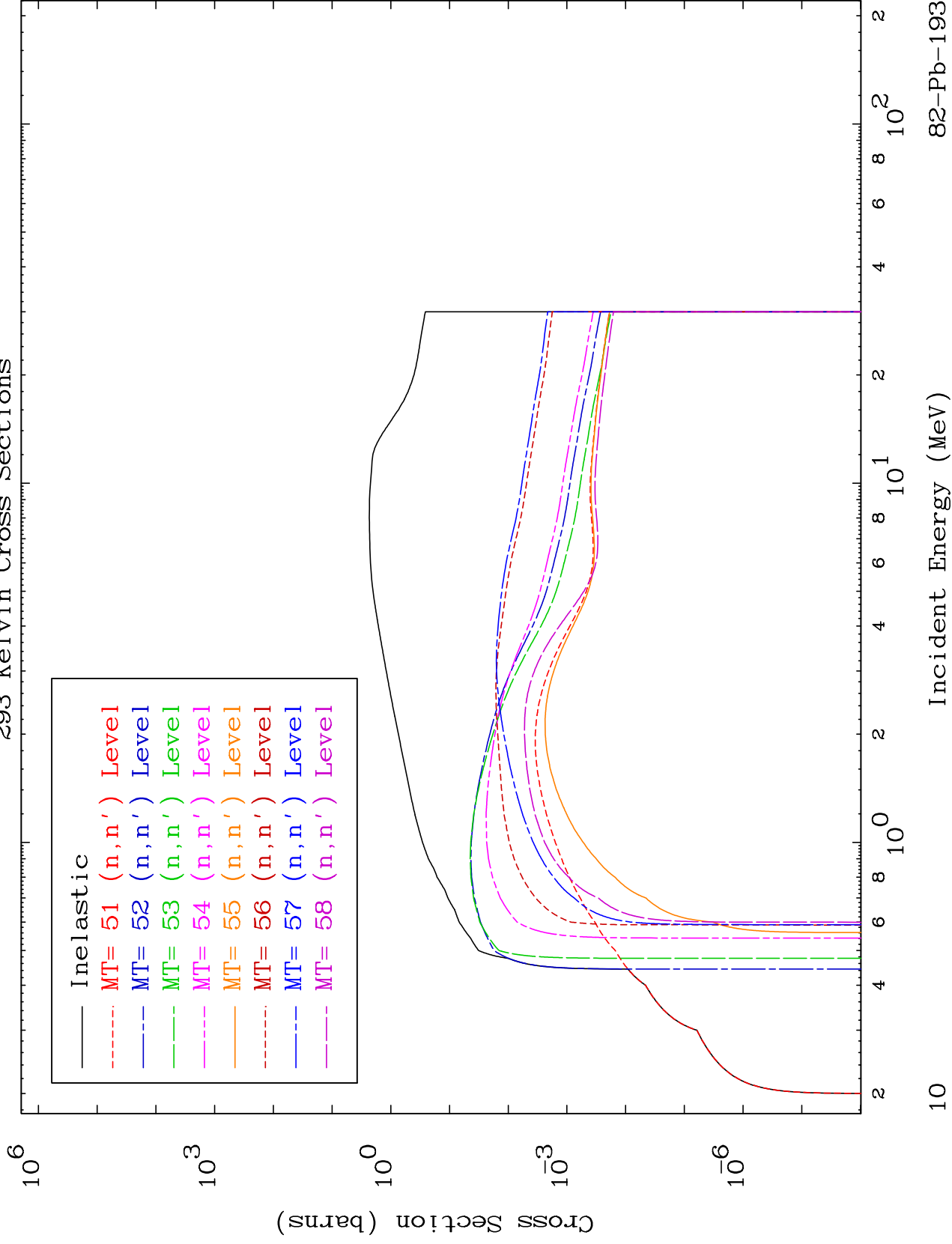




MAT 8192

(n,n') Levels
293 Kelvin Cross Sections

82-Pb-193



82-Pb-193

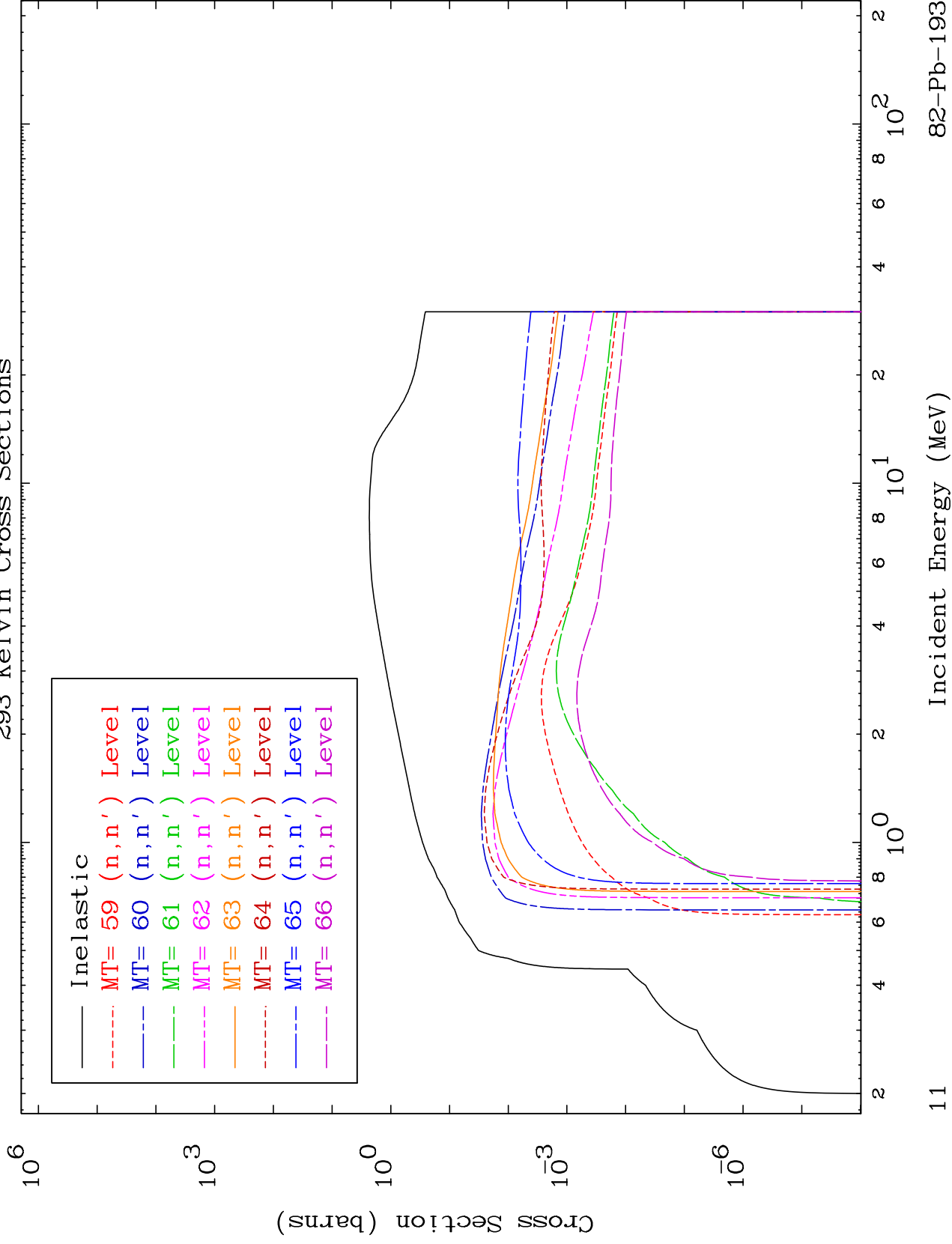
Incident Energy (MeV)

10

MAT 8192

(n,n') Levels
293 Kelvin Cross Sections

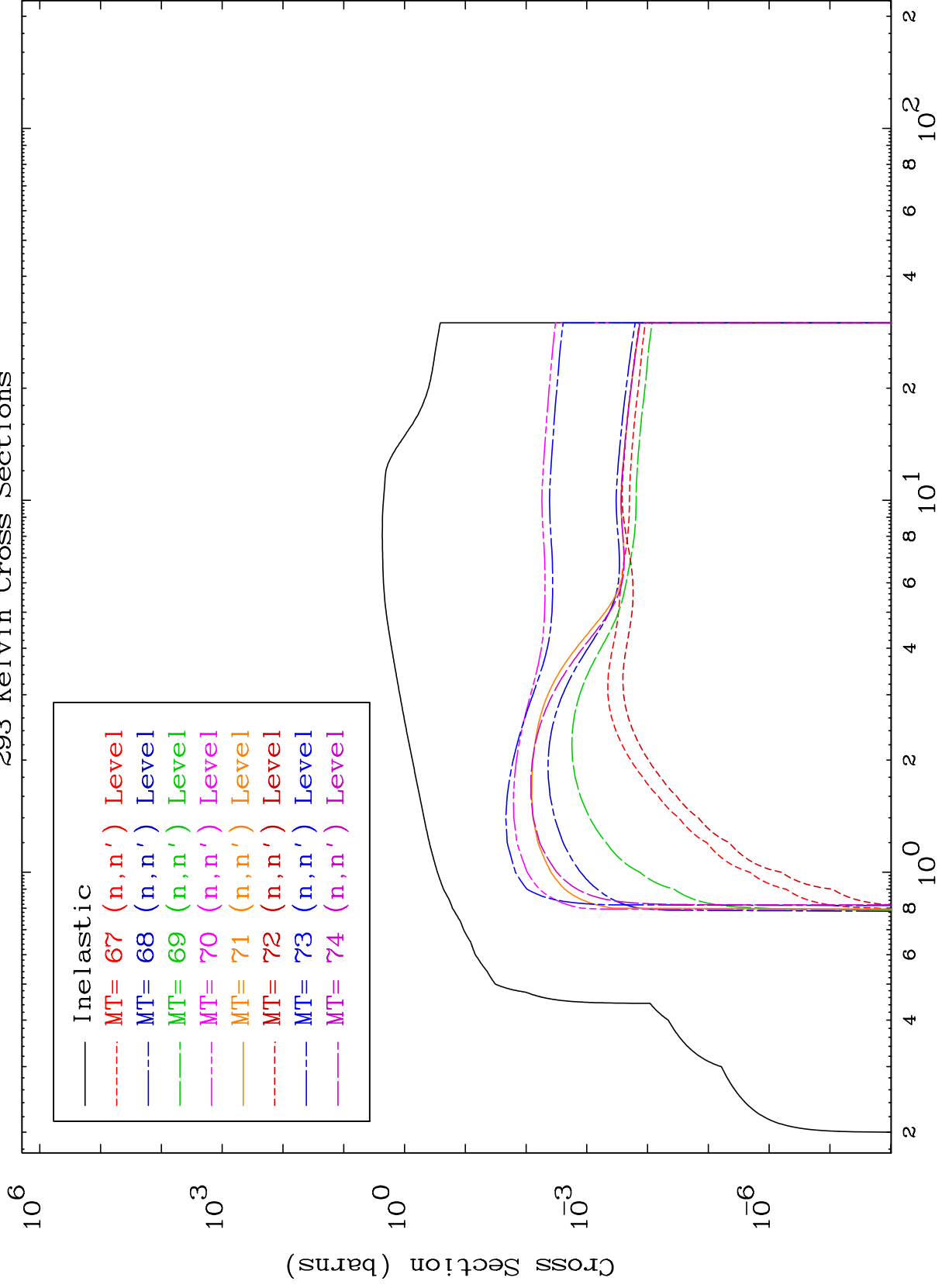
82-Pb-193



MAT 8192

(n,n') Levels
293 Kelvin Cross Sections

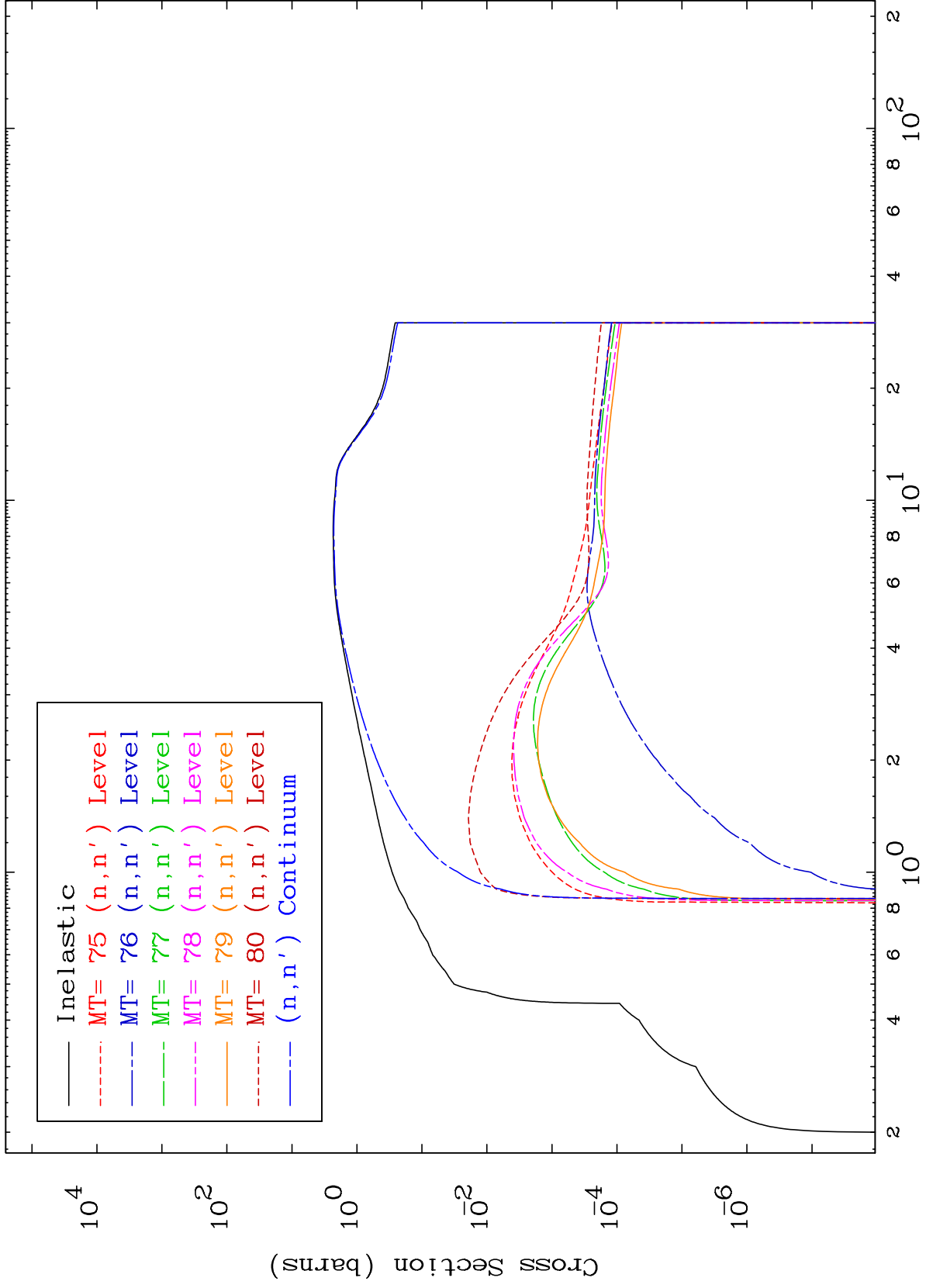
82-Pb-193



12

Incident Energy (MeV)

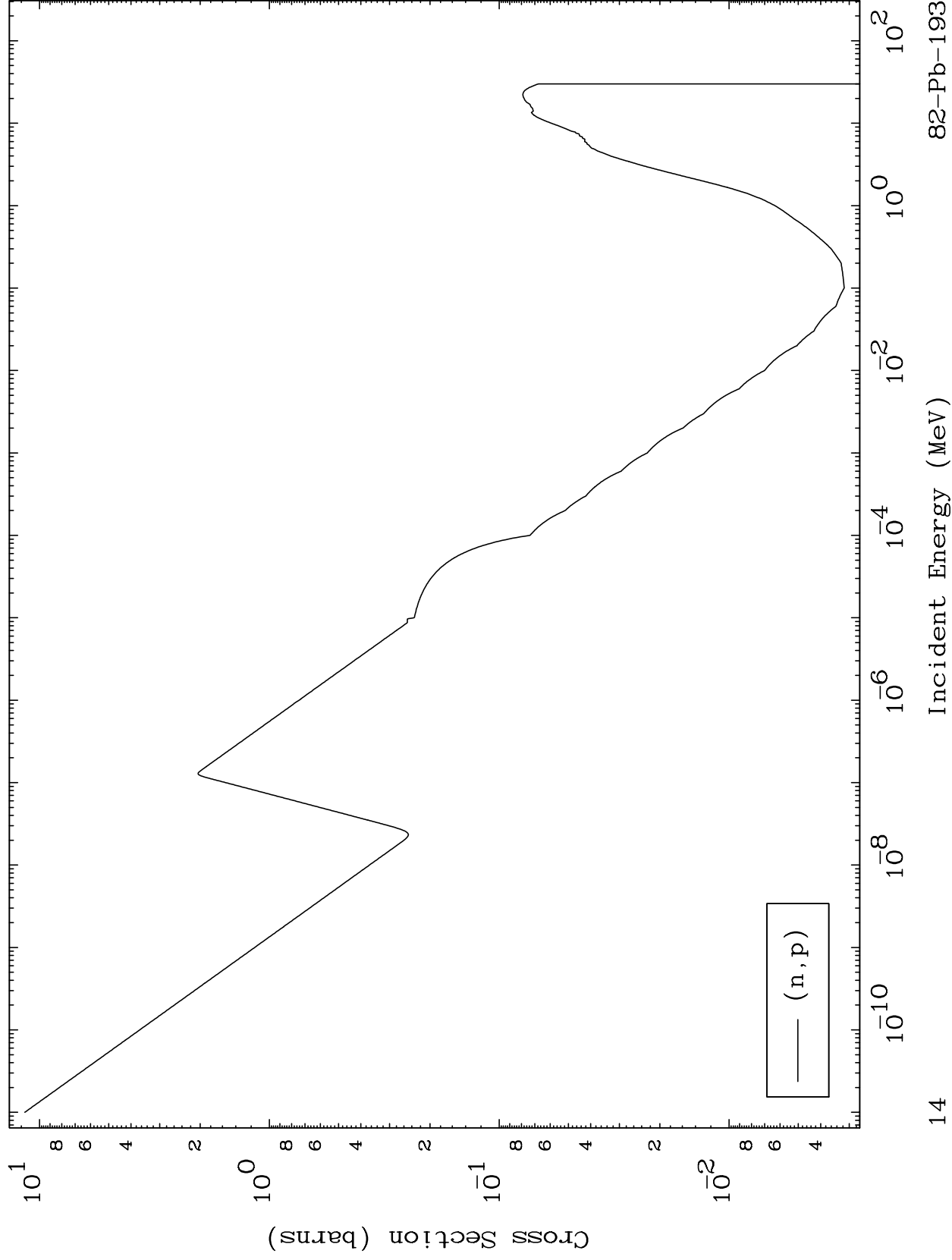
82-Pb-193



MAT 8192

(n,p) Levels
293 Kelvin Cross Sections

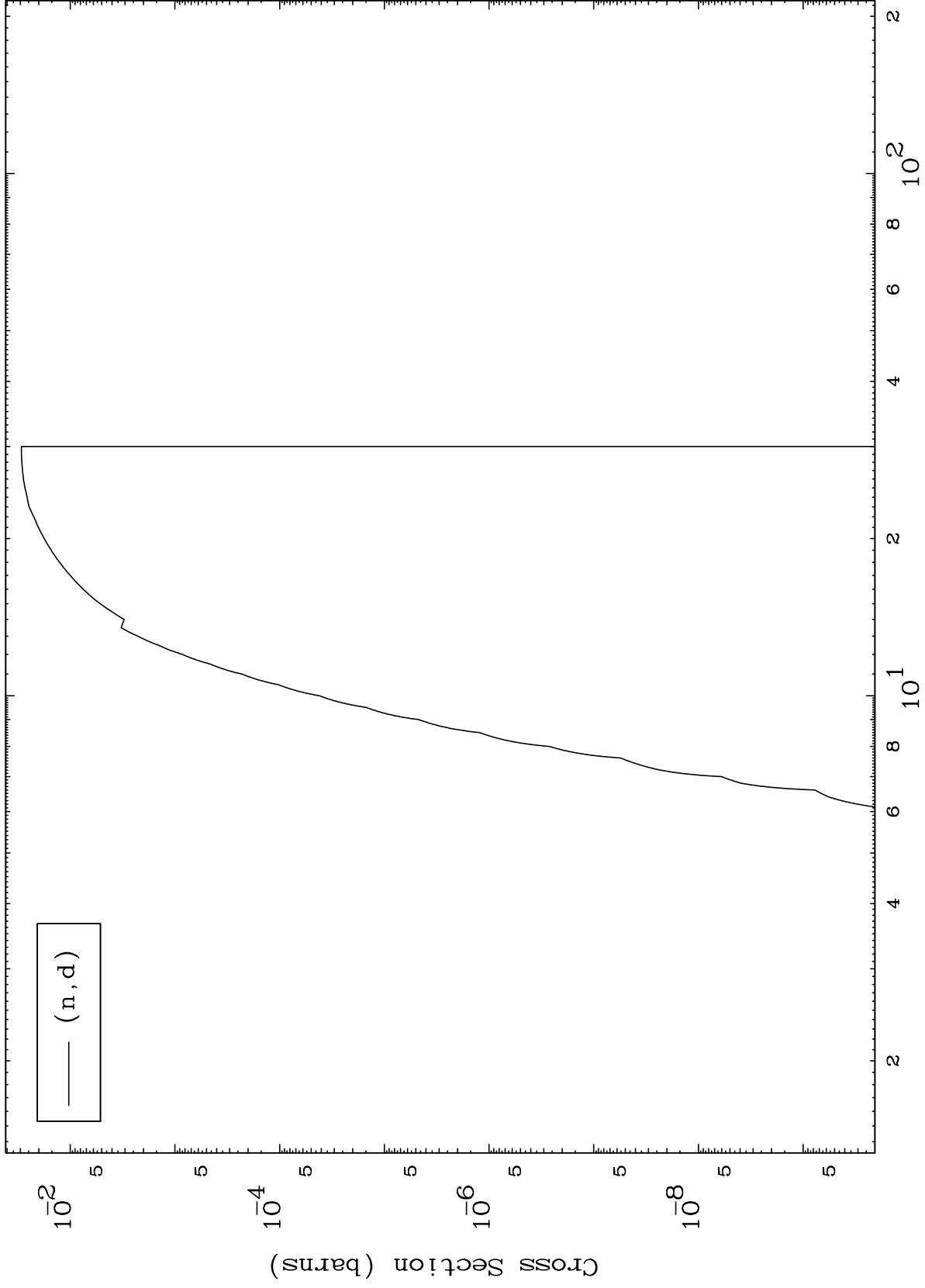
82-Pb-193



MAT 8192

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-193



15

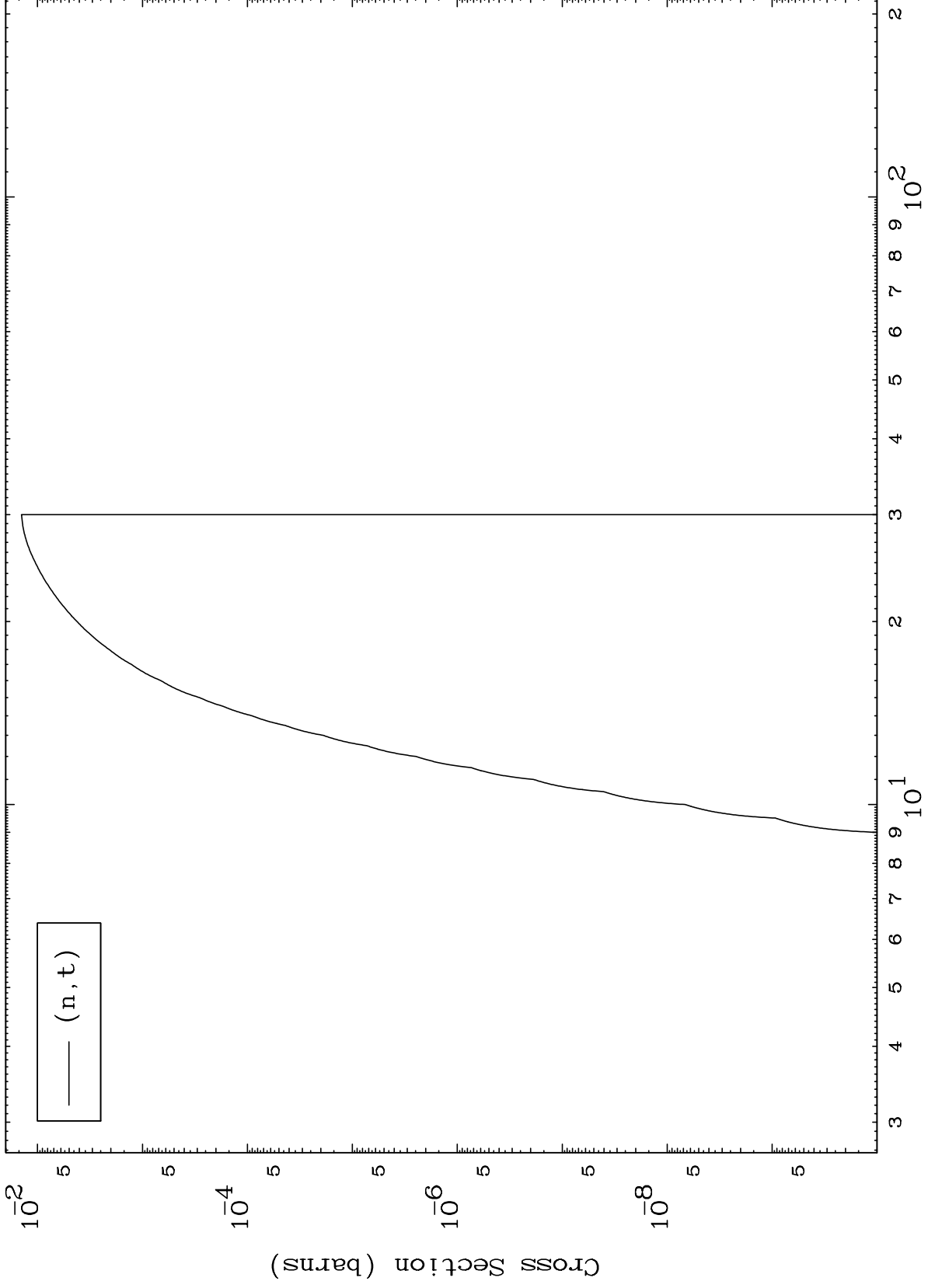
Incident Energy (MeV)

82-Pb-193

MAT 8192

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-193



(n,t)

16

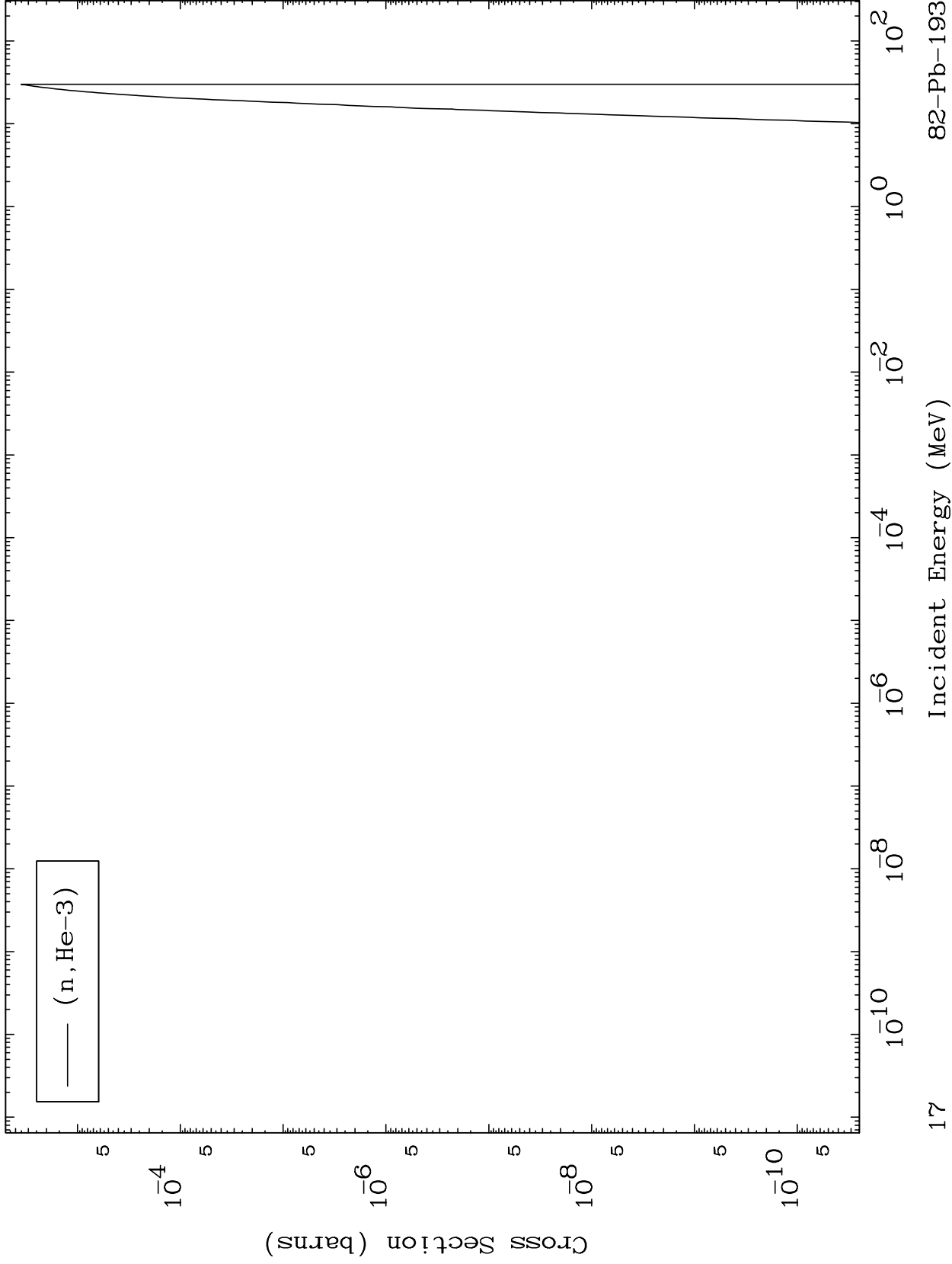
Incident Energy (MeV)

82-Pb-193

MAT 8192

(n,He3) Levels
293 Kelvin Cross Sections

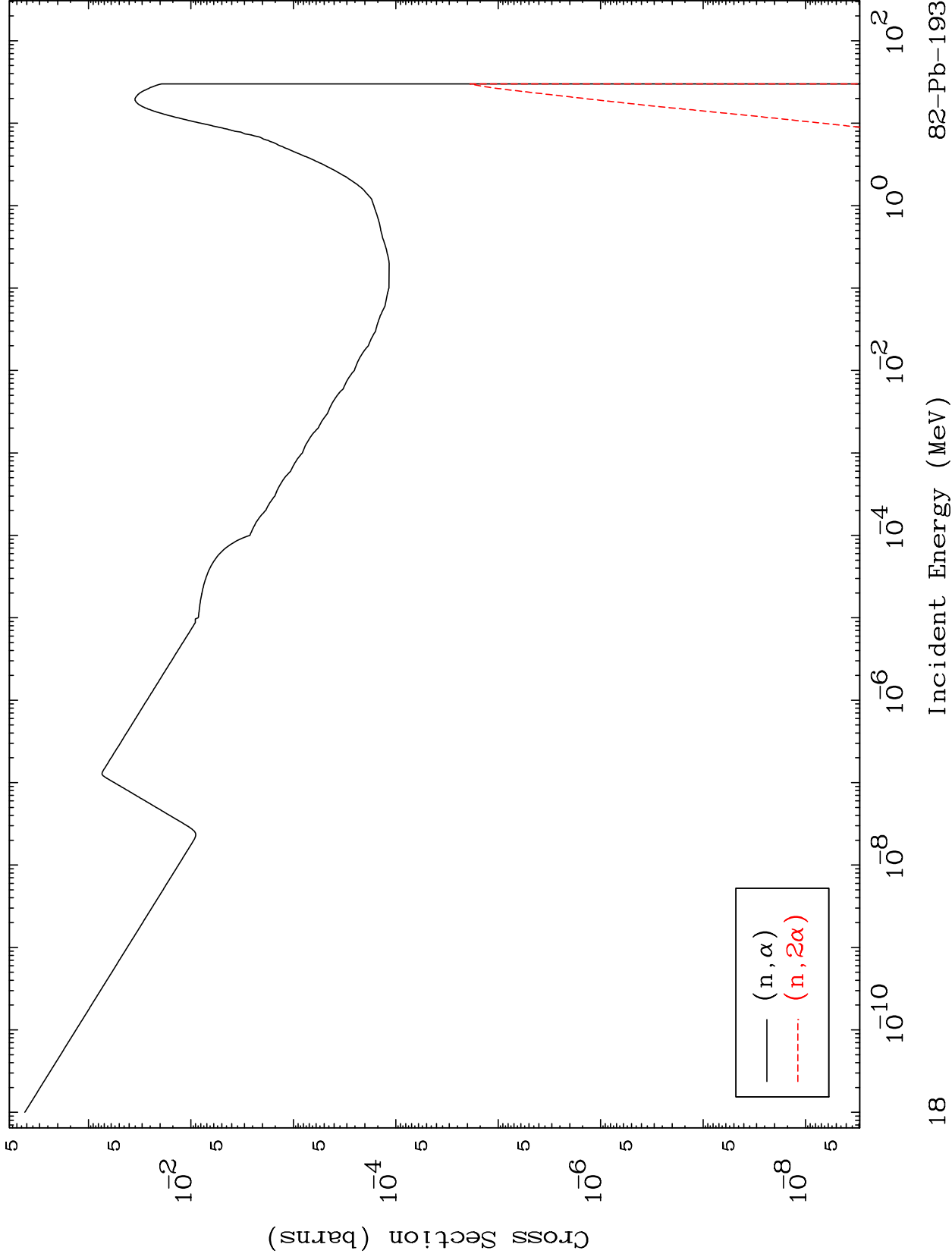
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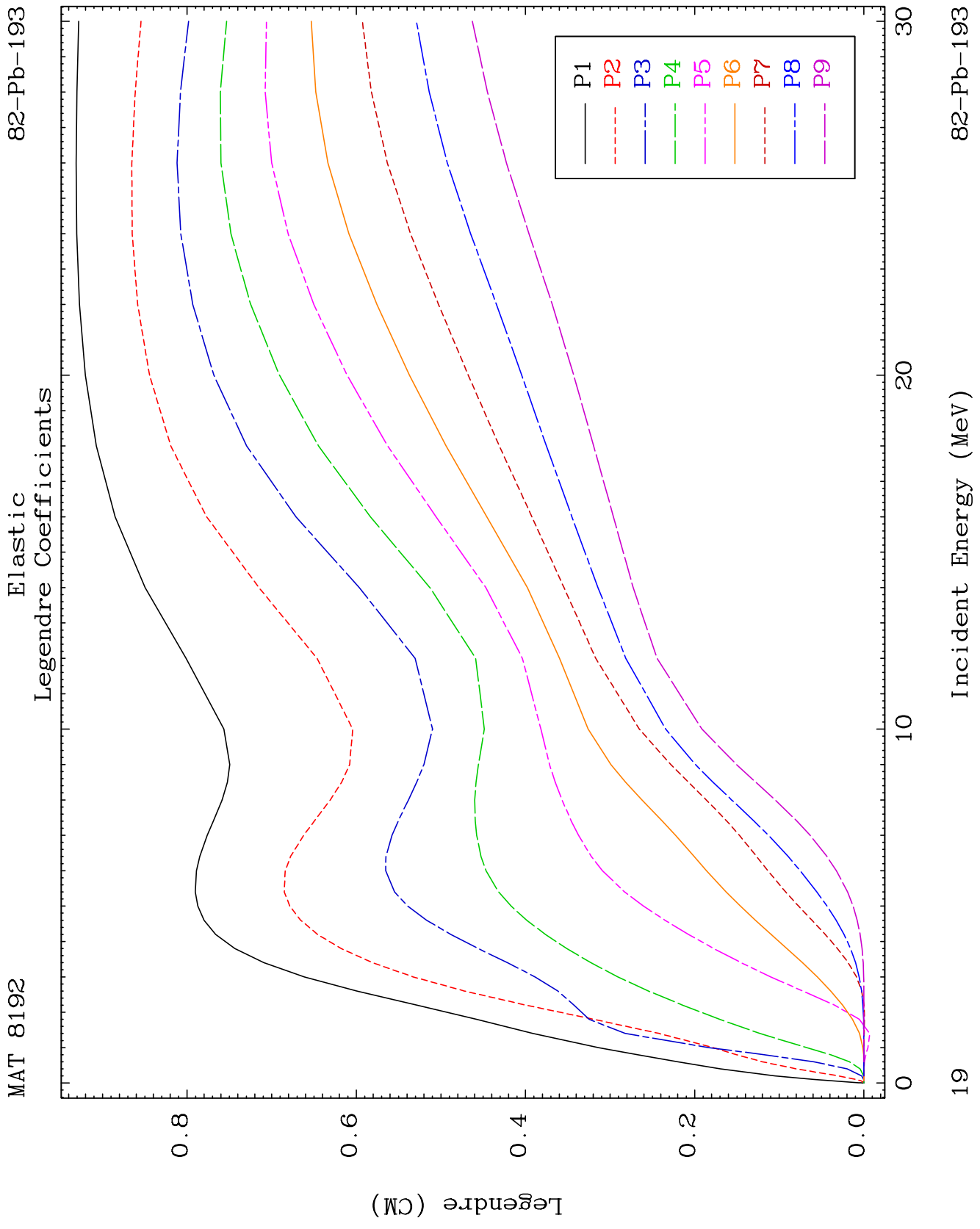


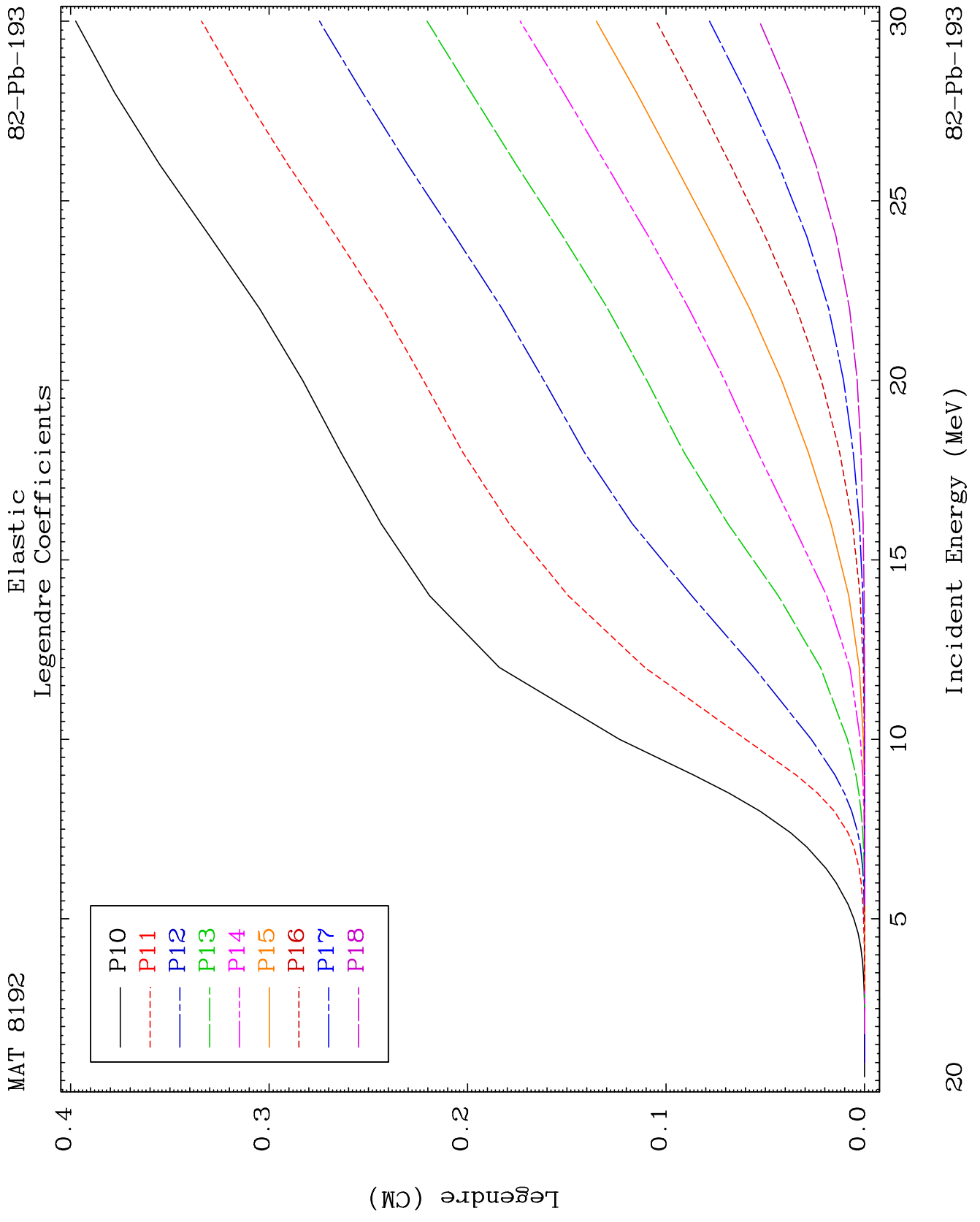
MAT 8192

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-193



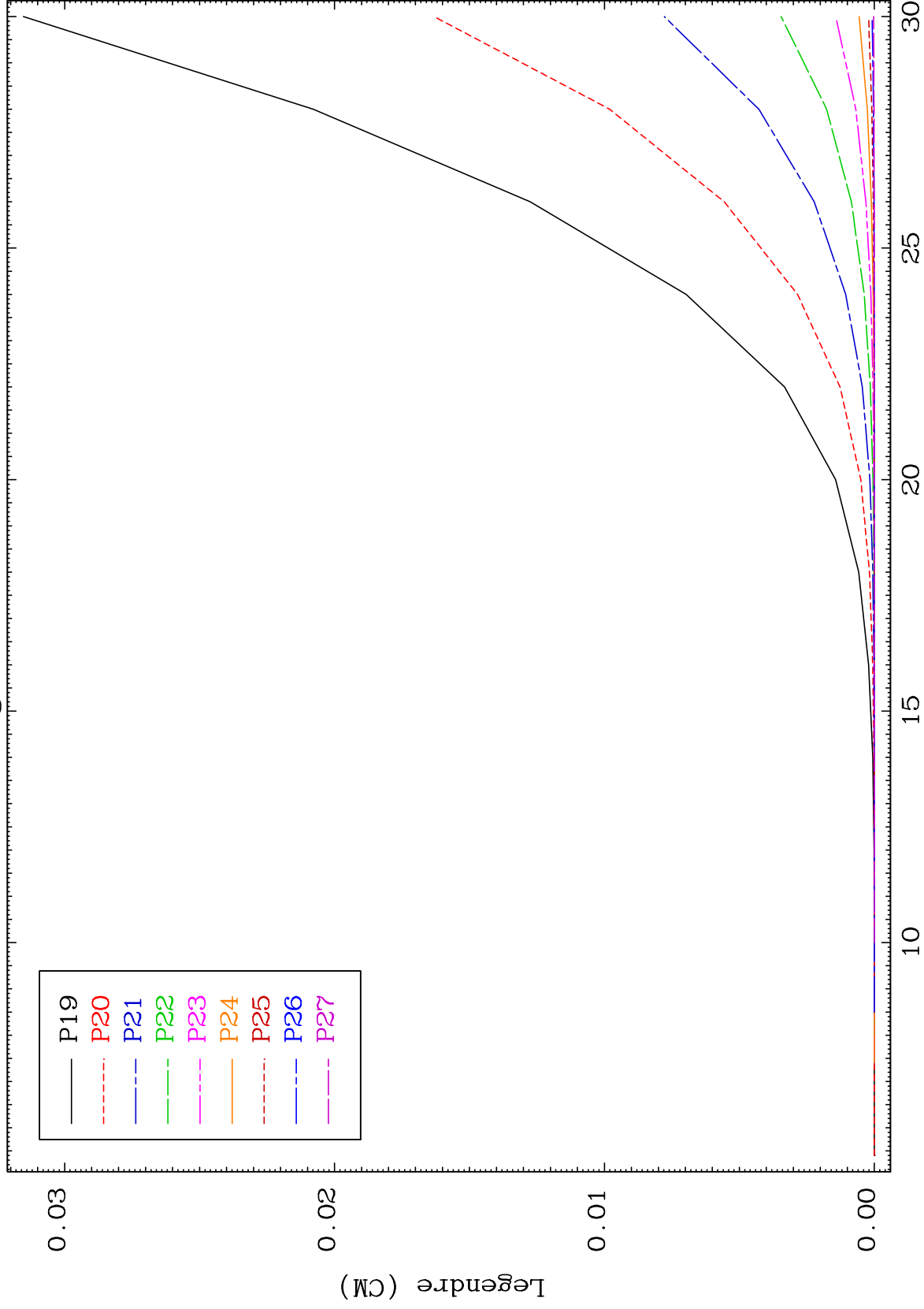




MAT 8192

Elastic Legendre Coefficients

82-Pb-193



21

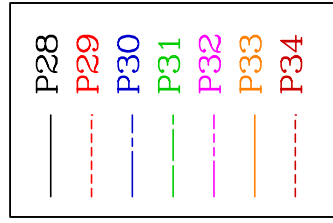
Incident Energy (MeV)

82-Pb-193

MAT 8192

Elastic
Legendre Coefficients

82-Pb-193



$\times 10^{-6}$

Legendre (CM)

8

6

4

2

0

15

20

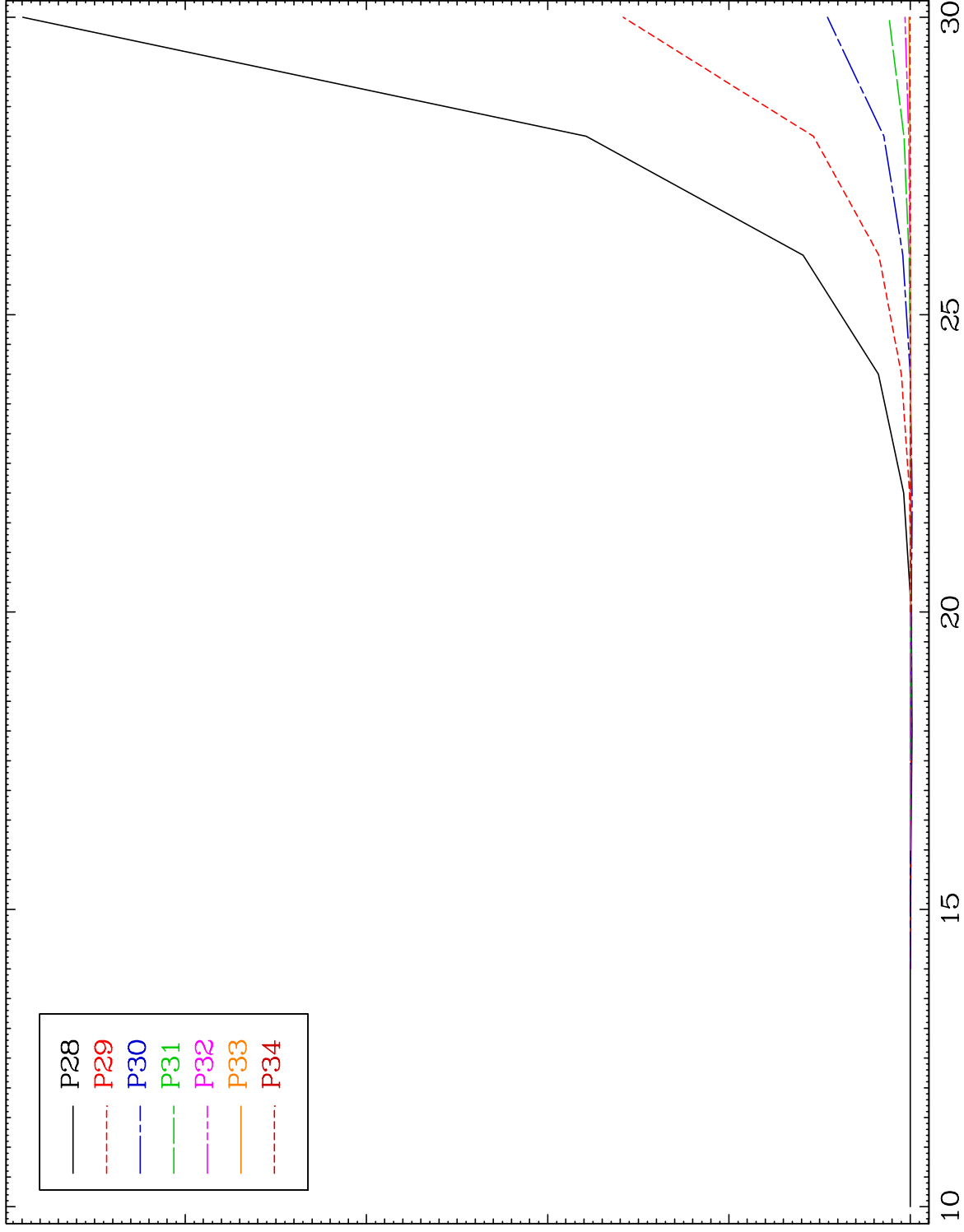
25

30

22

Incident Energy (MeV)

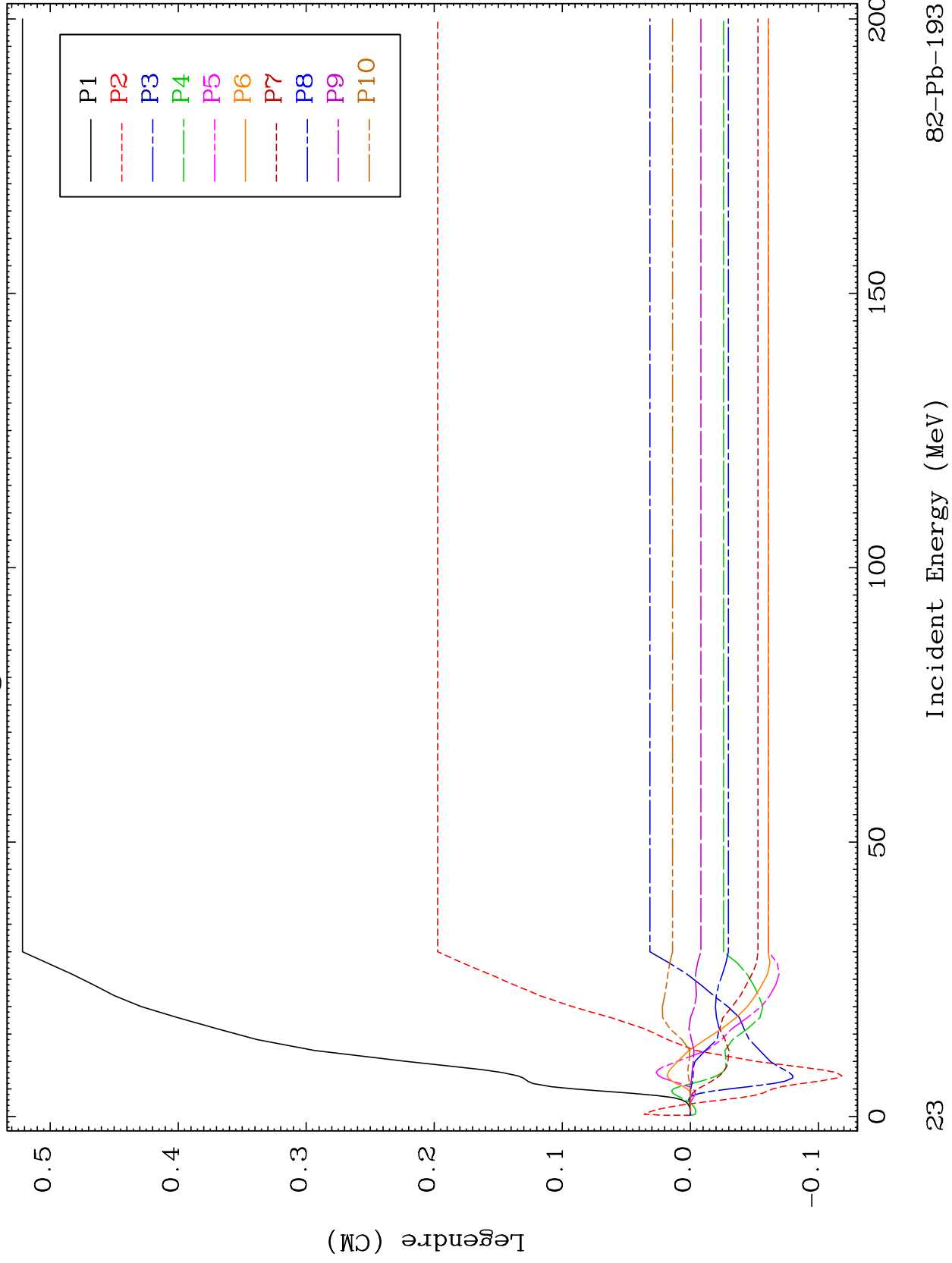
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

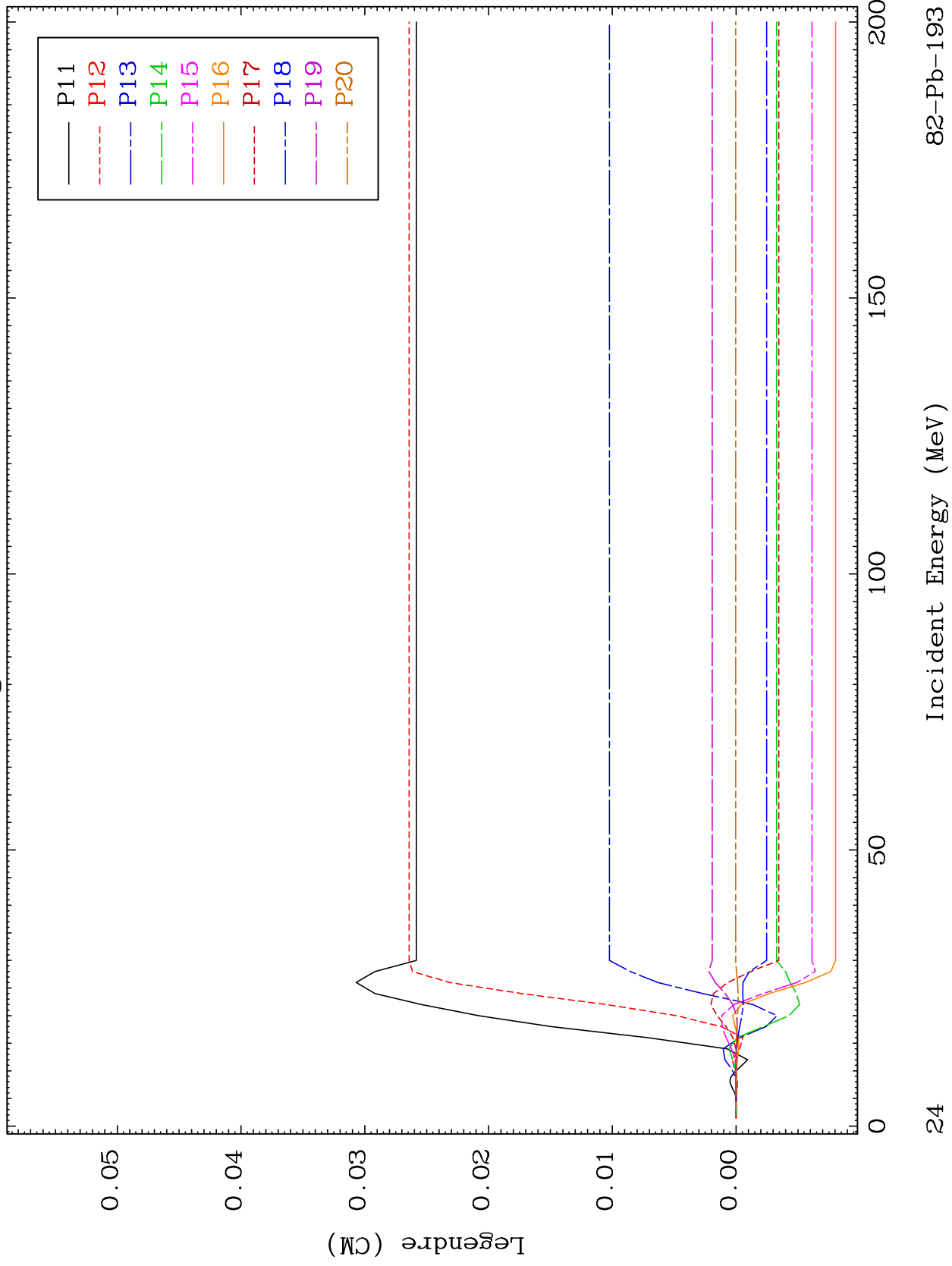
Incident Energy (MeV)

23

MAT 8192

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

82-Pb-193



82-Pb-193

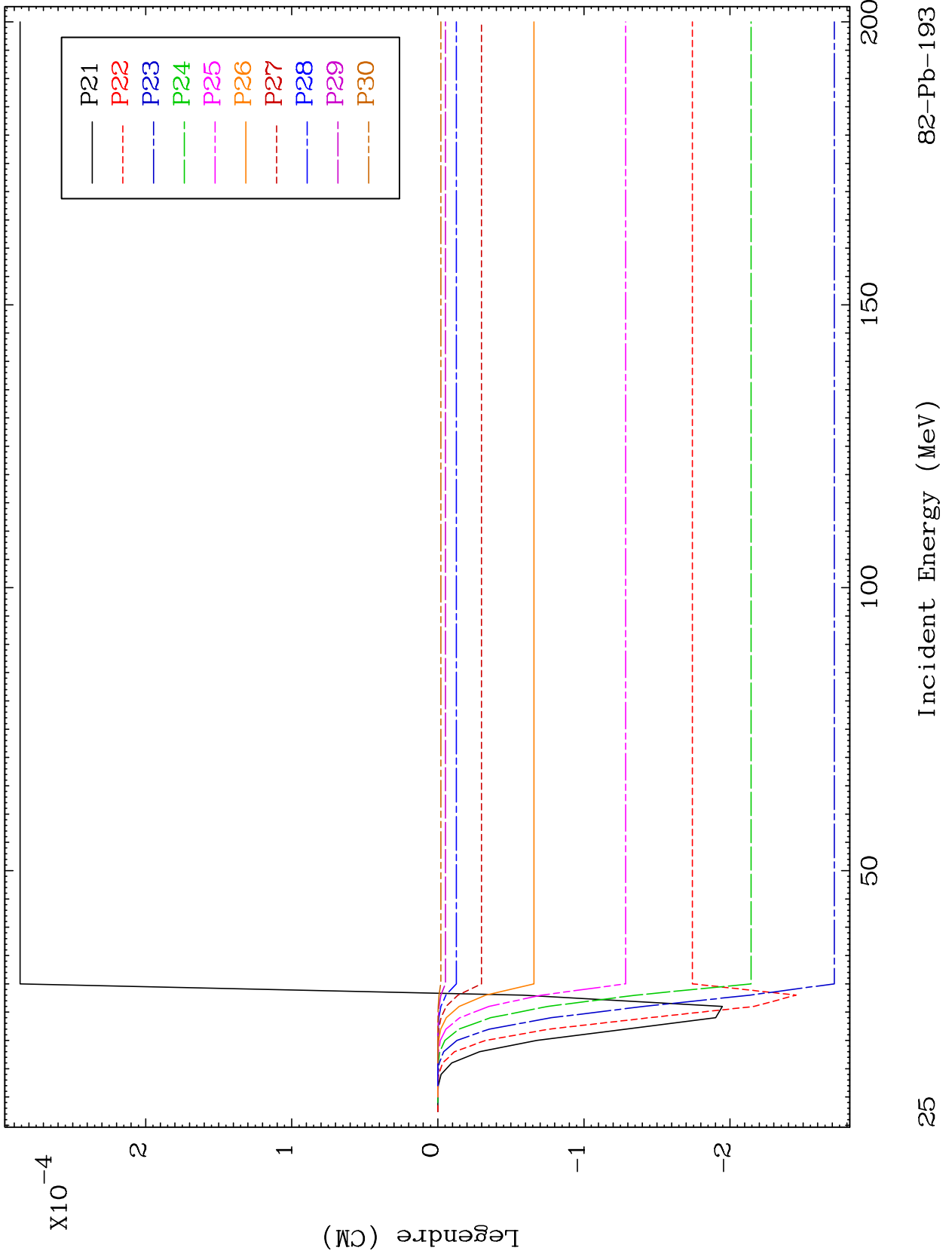
Incident Energy (MeV)

24

MAT 8192

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

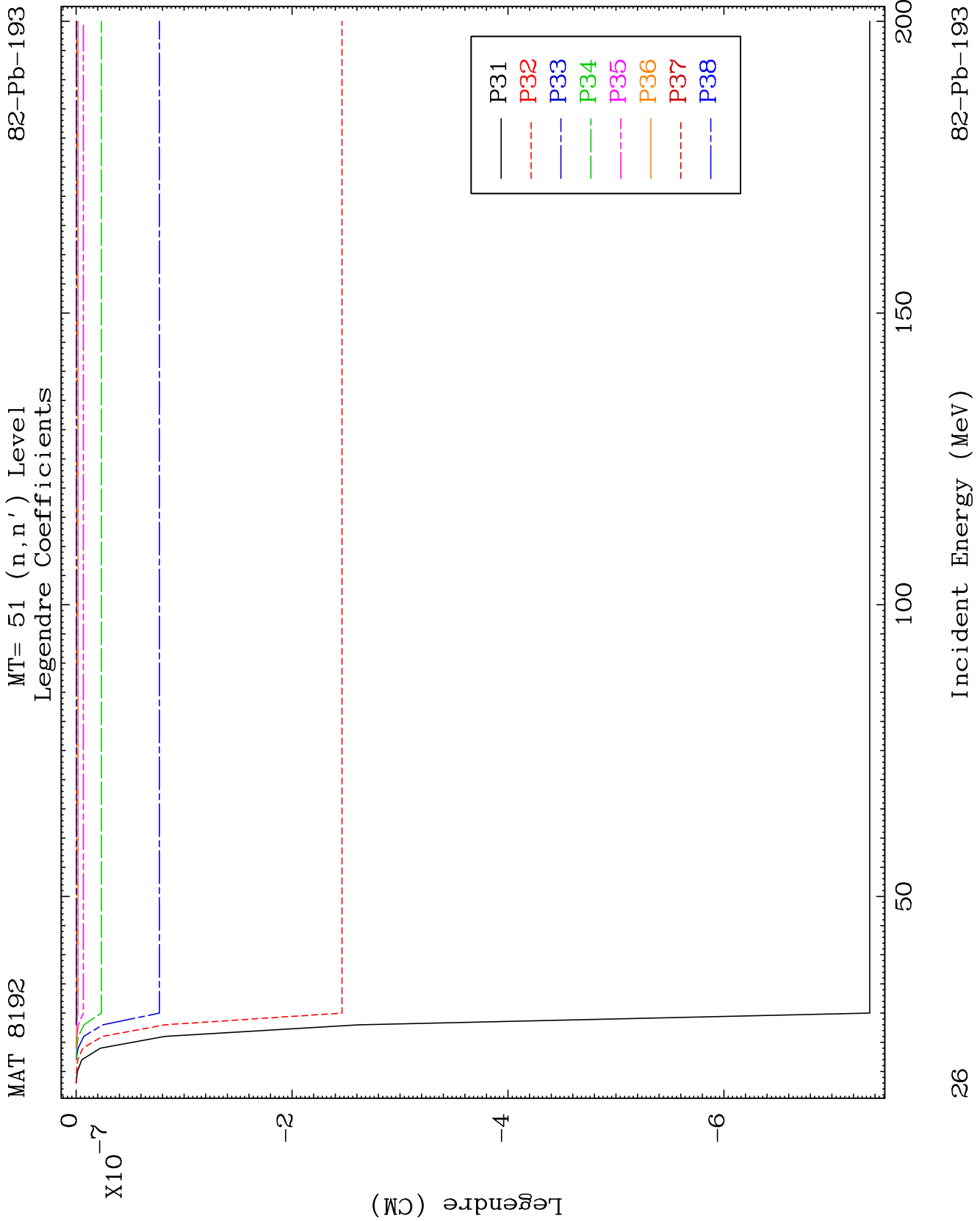
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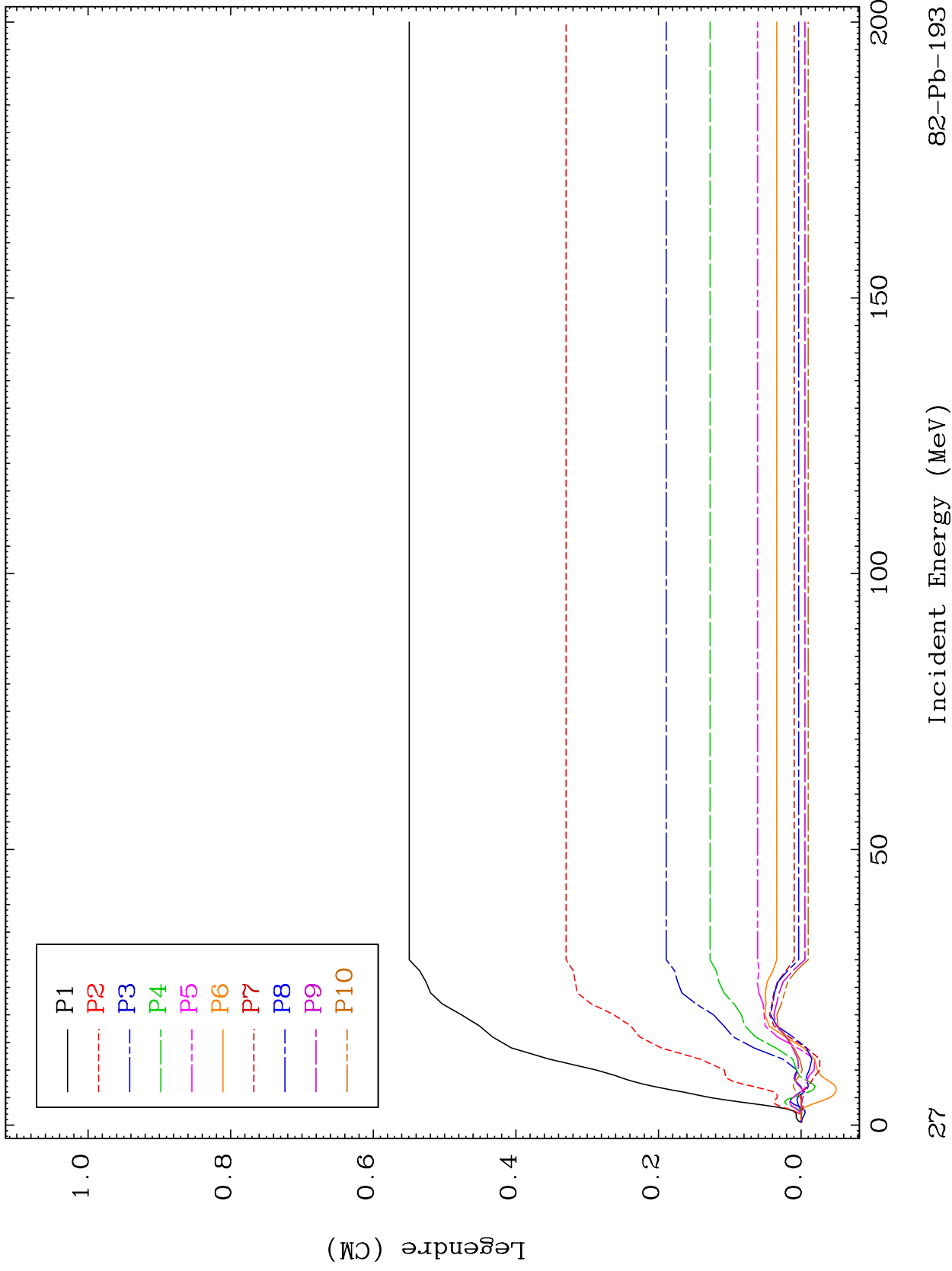


25

Incident Energy (MeV)

82-Pb-193

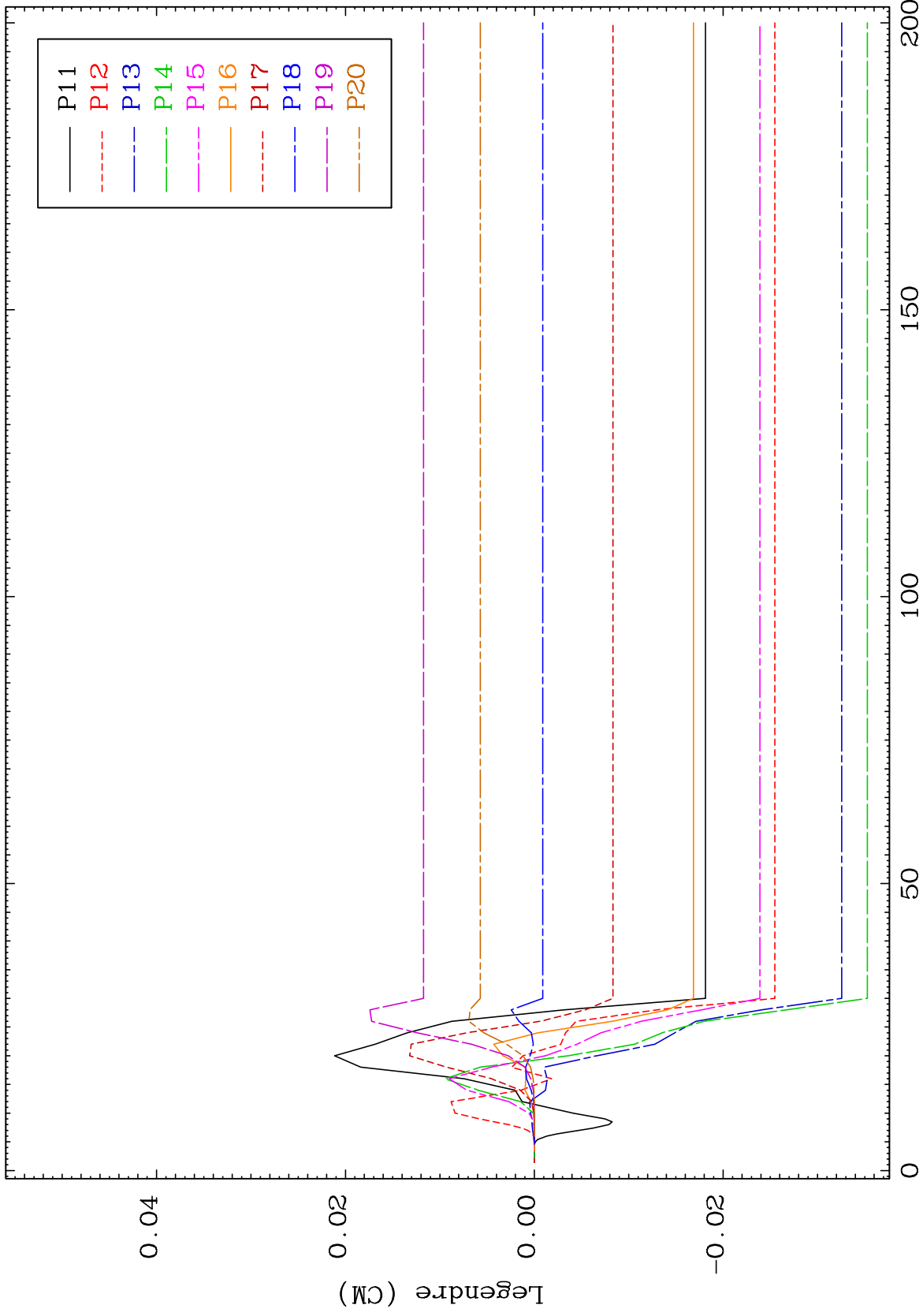




MAT 8192

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

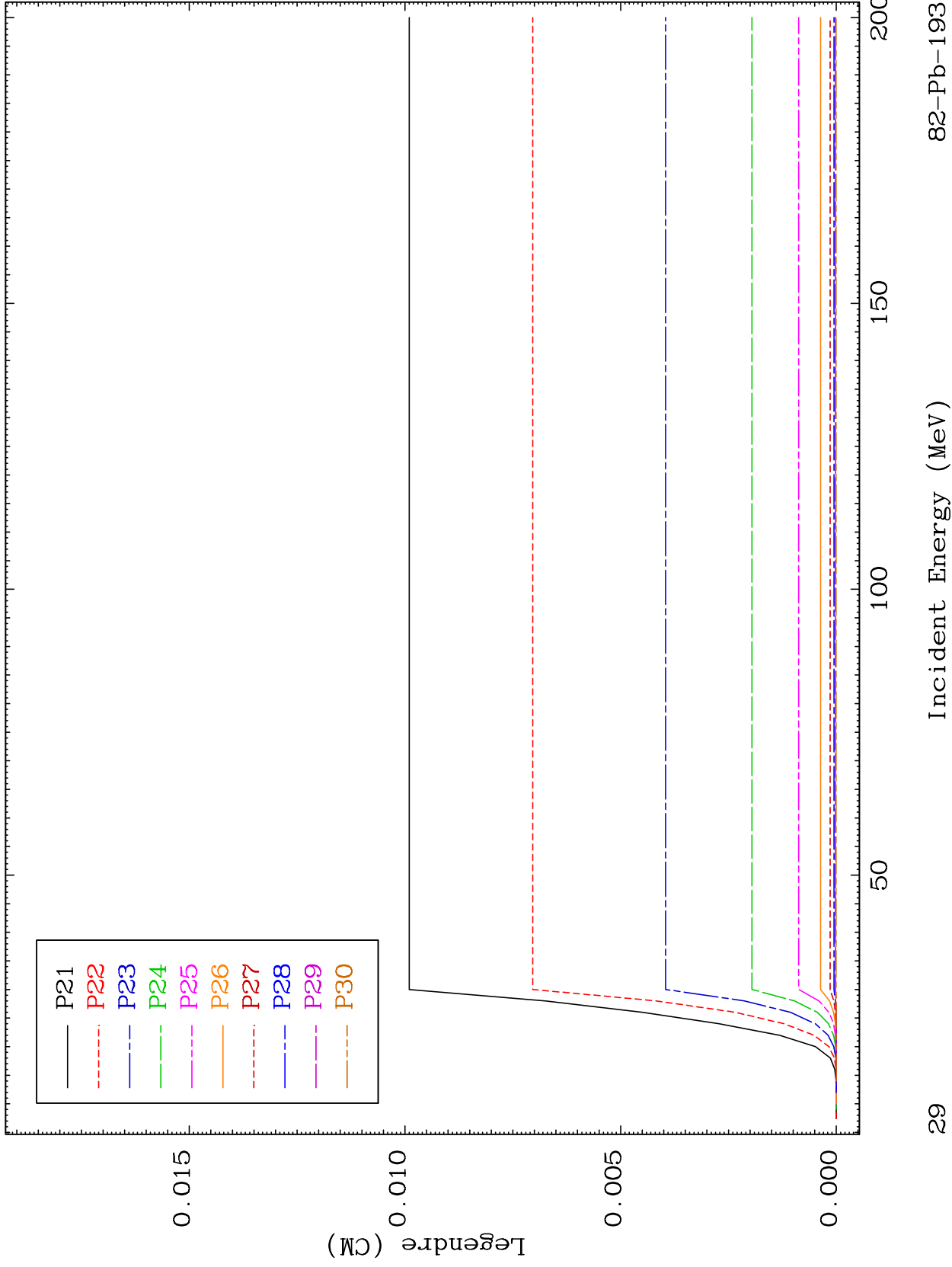
82-Pb-193



28

Incident Energy (MeV)

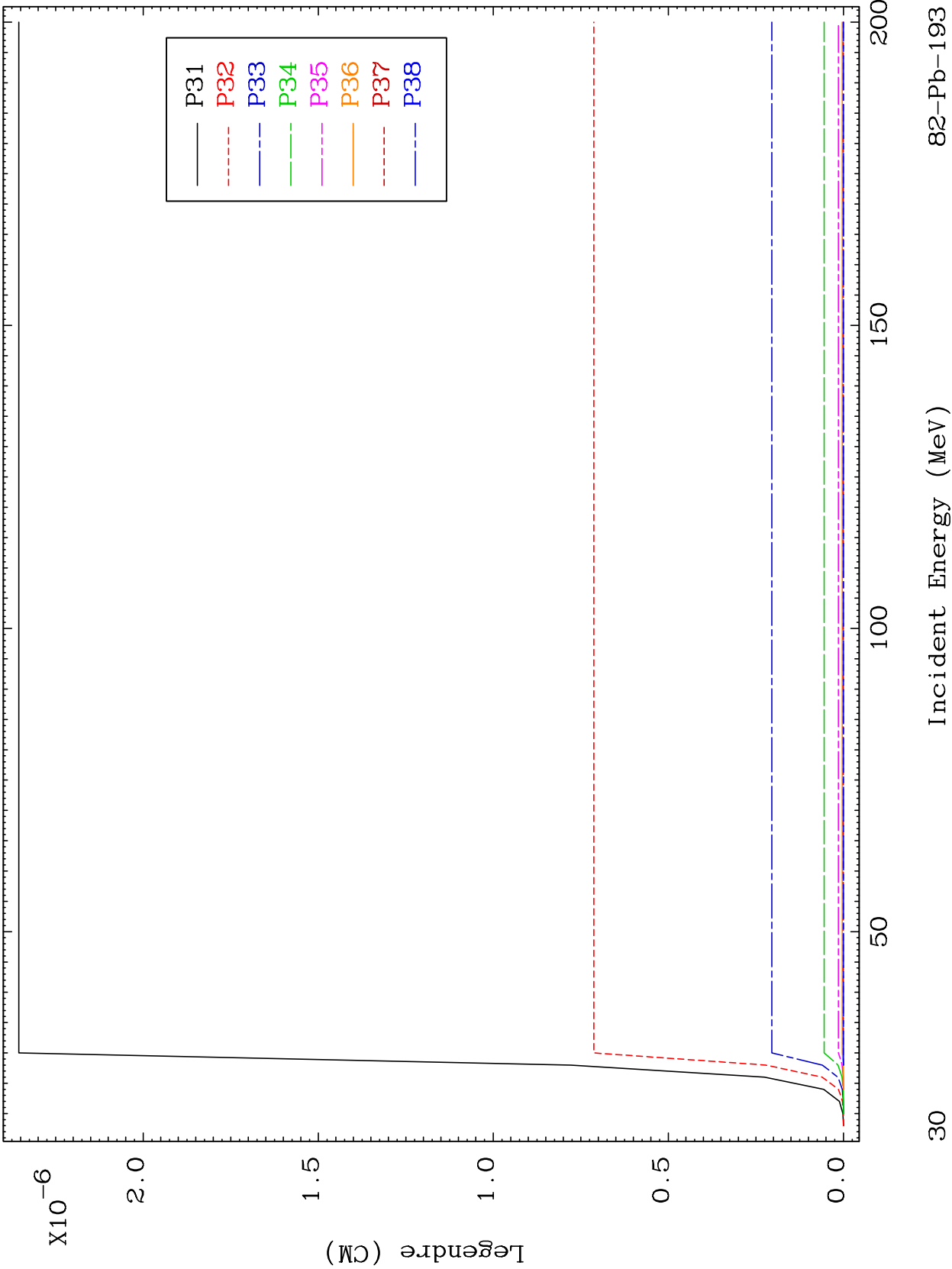
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MAT 8192

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

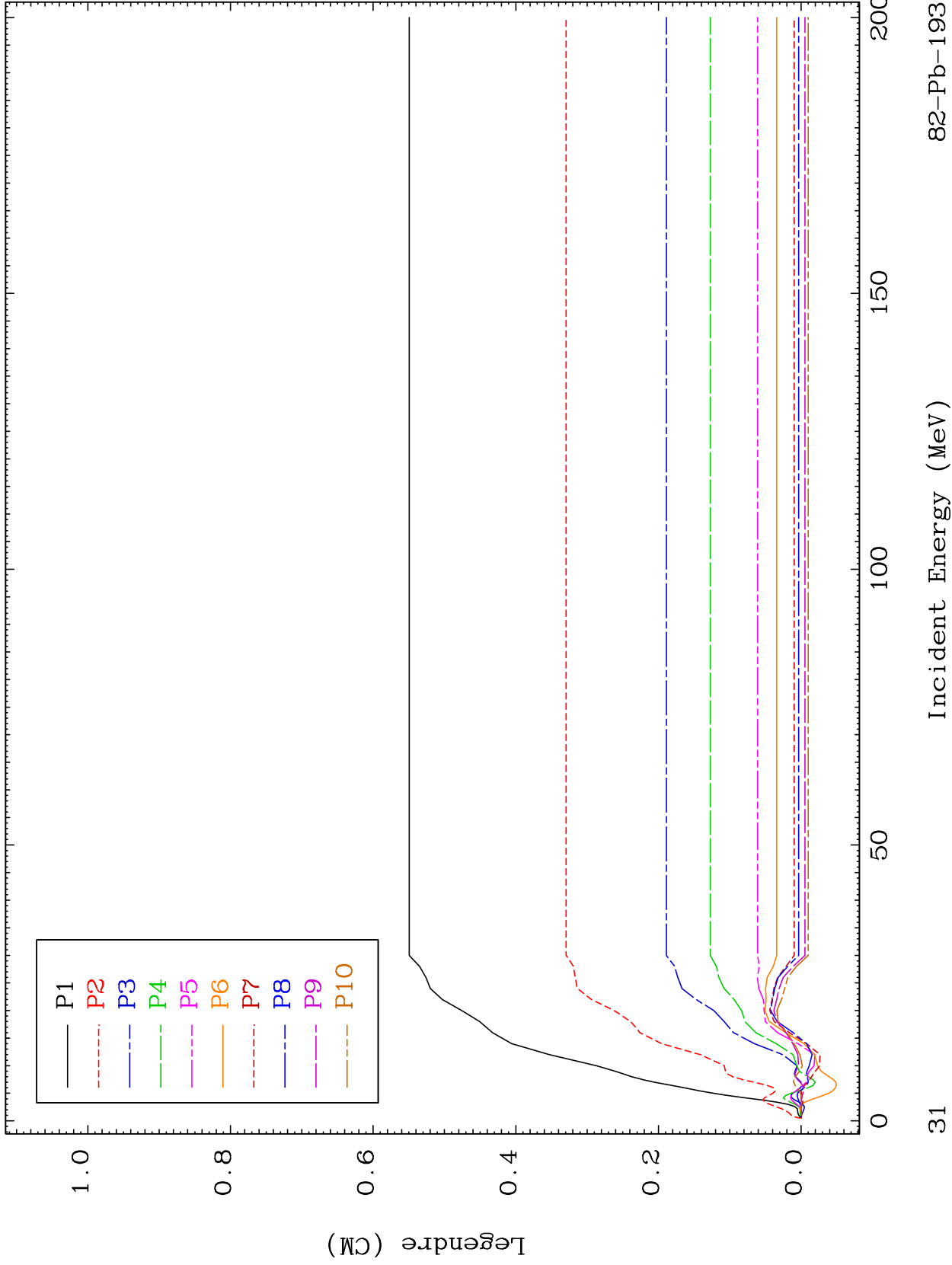
82-Pb-193



82-Pb-193

Incident Energy (MeV)

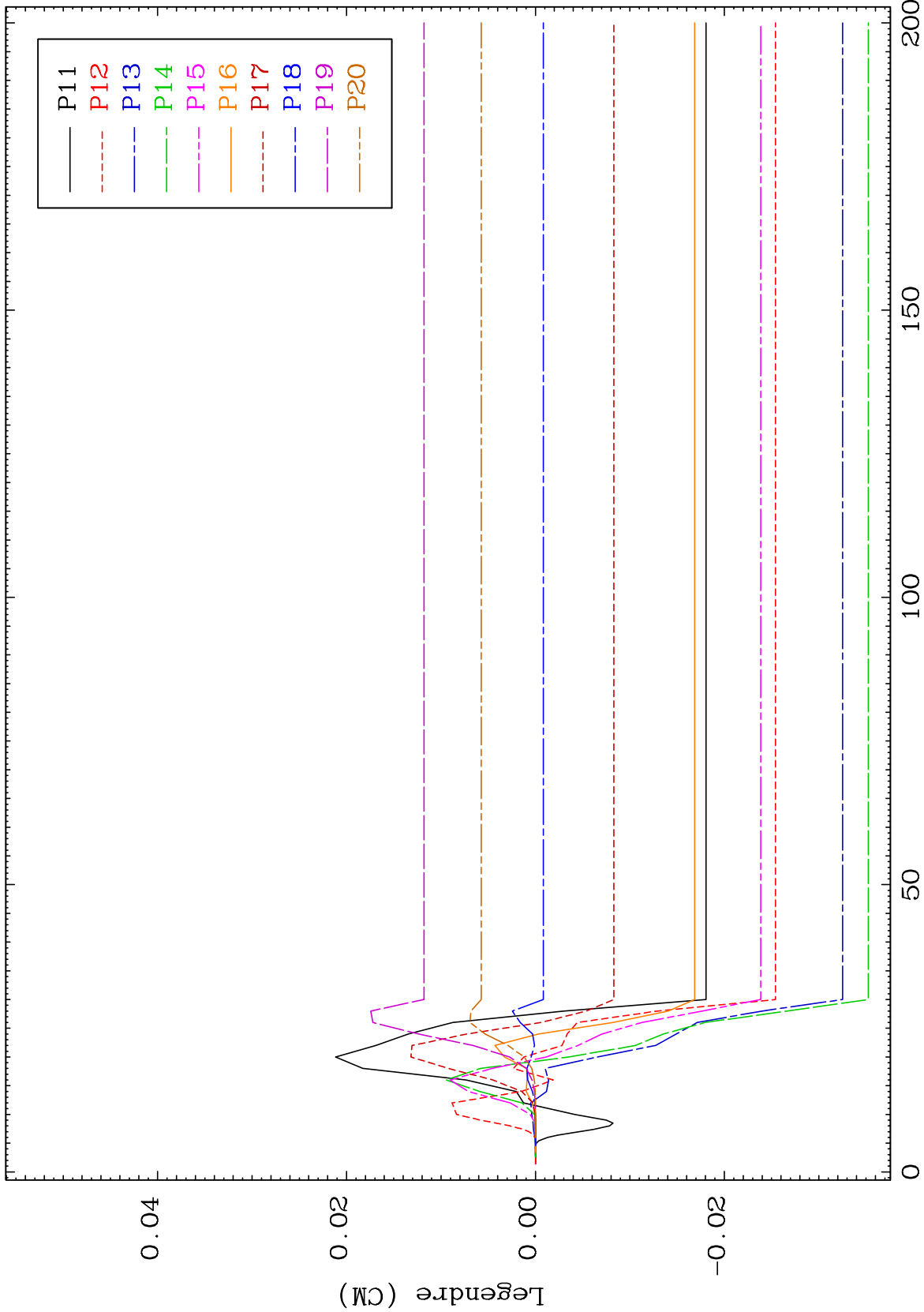
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MAT 8192

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

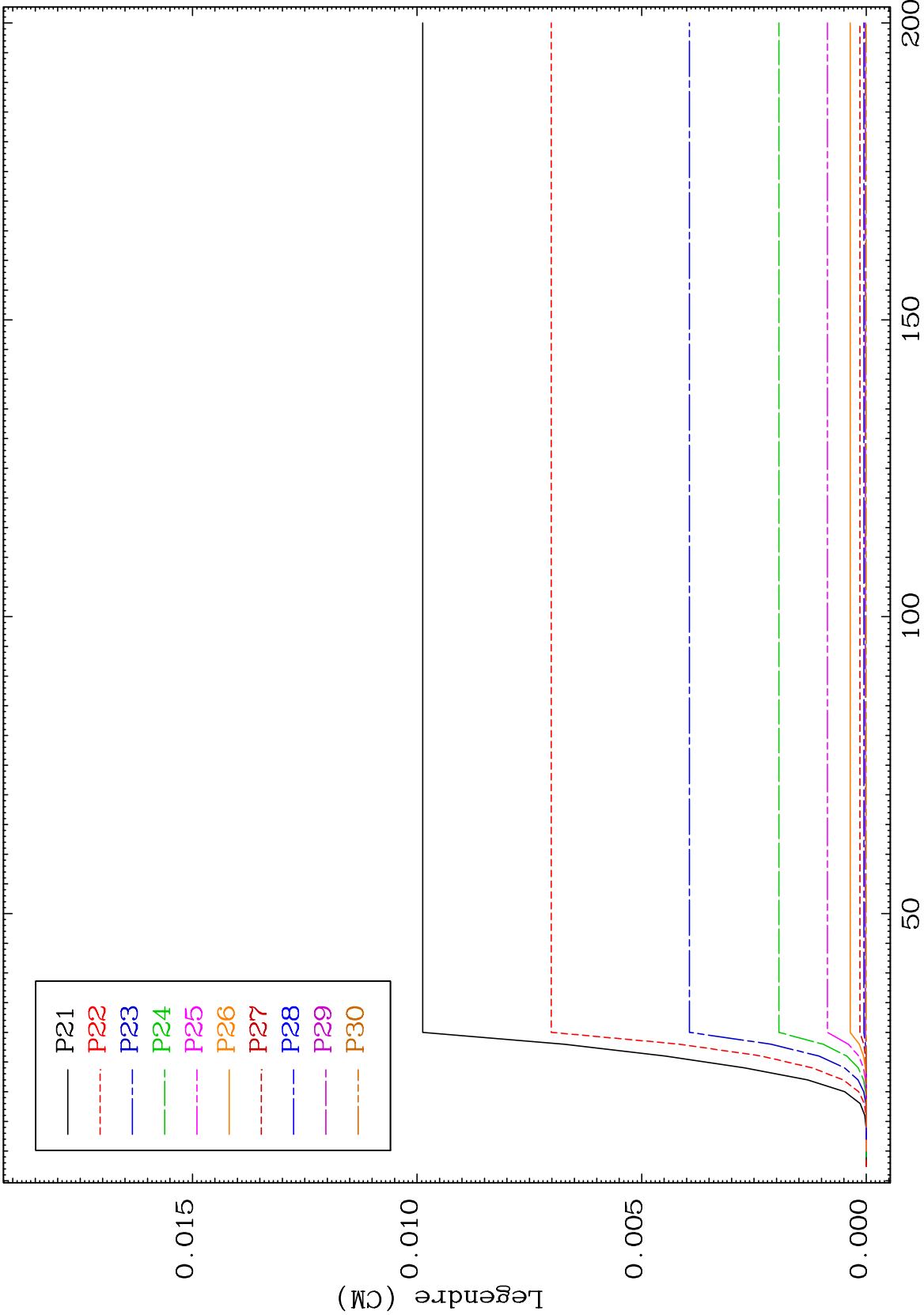
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32

Incident Energy (MeV)

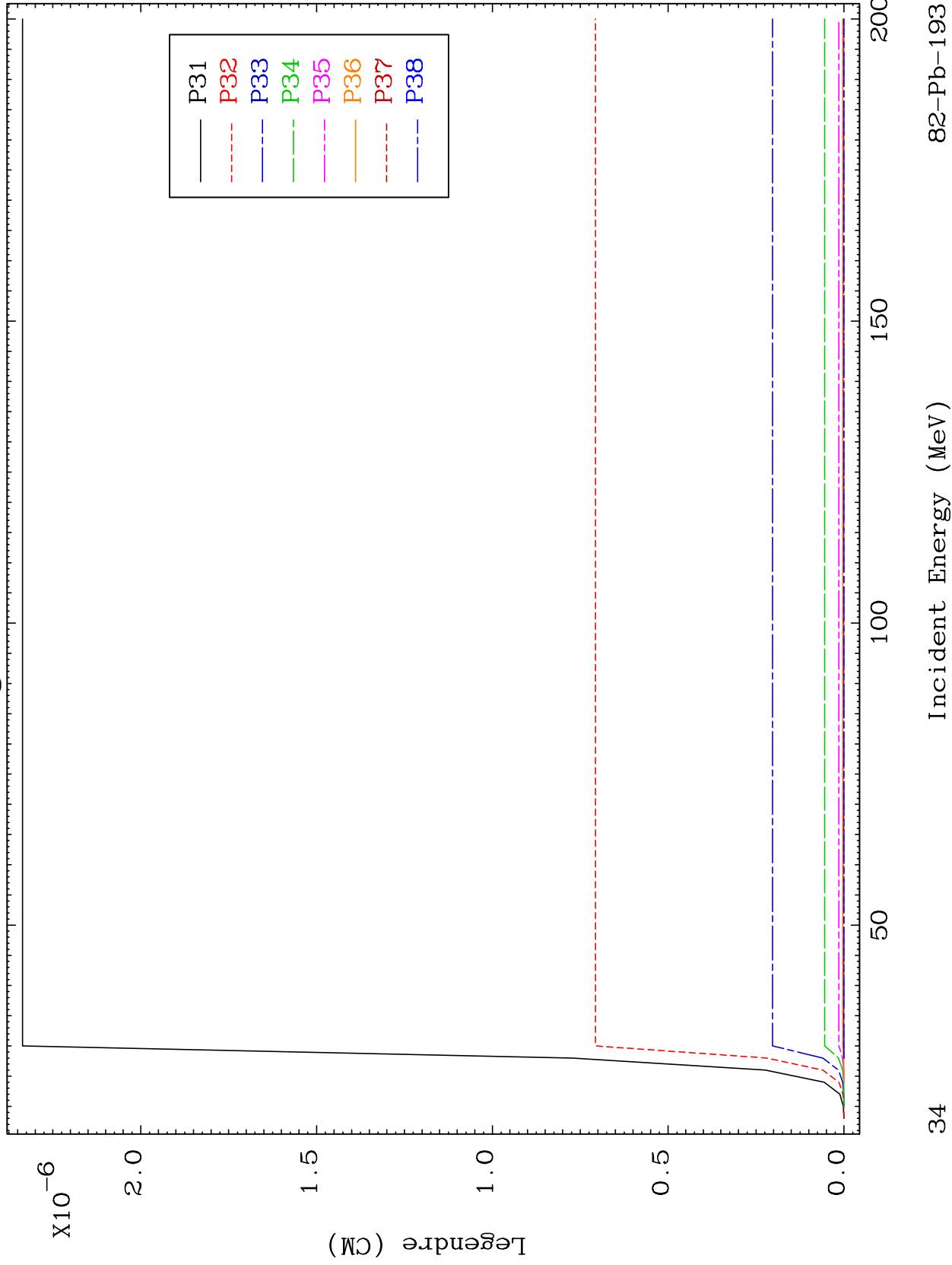
82-Pb-193



MAT 8192

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

82-Pb-193



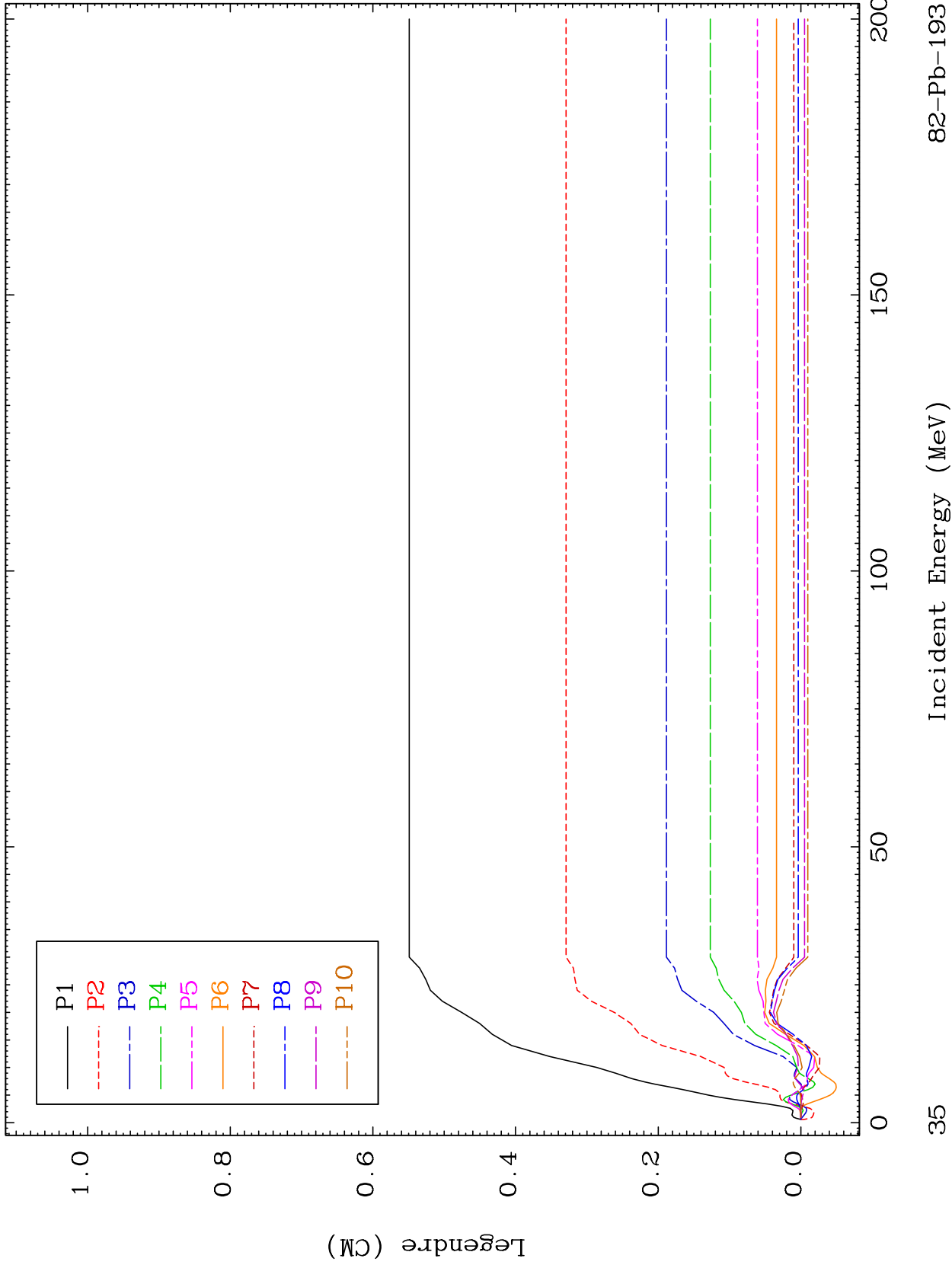
34

82-Pb-193

MAT 8192

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

82-Pb-193

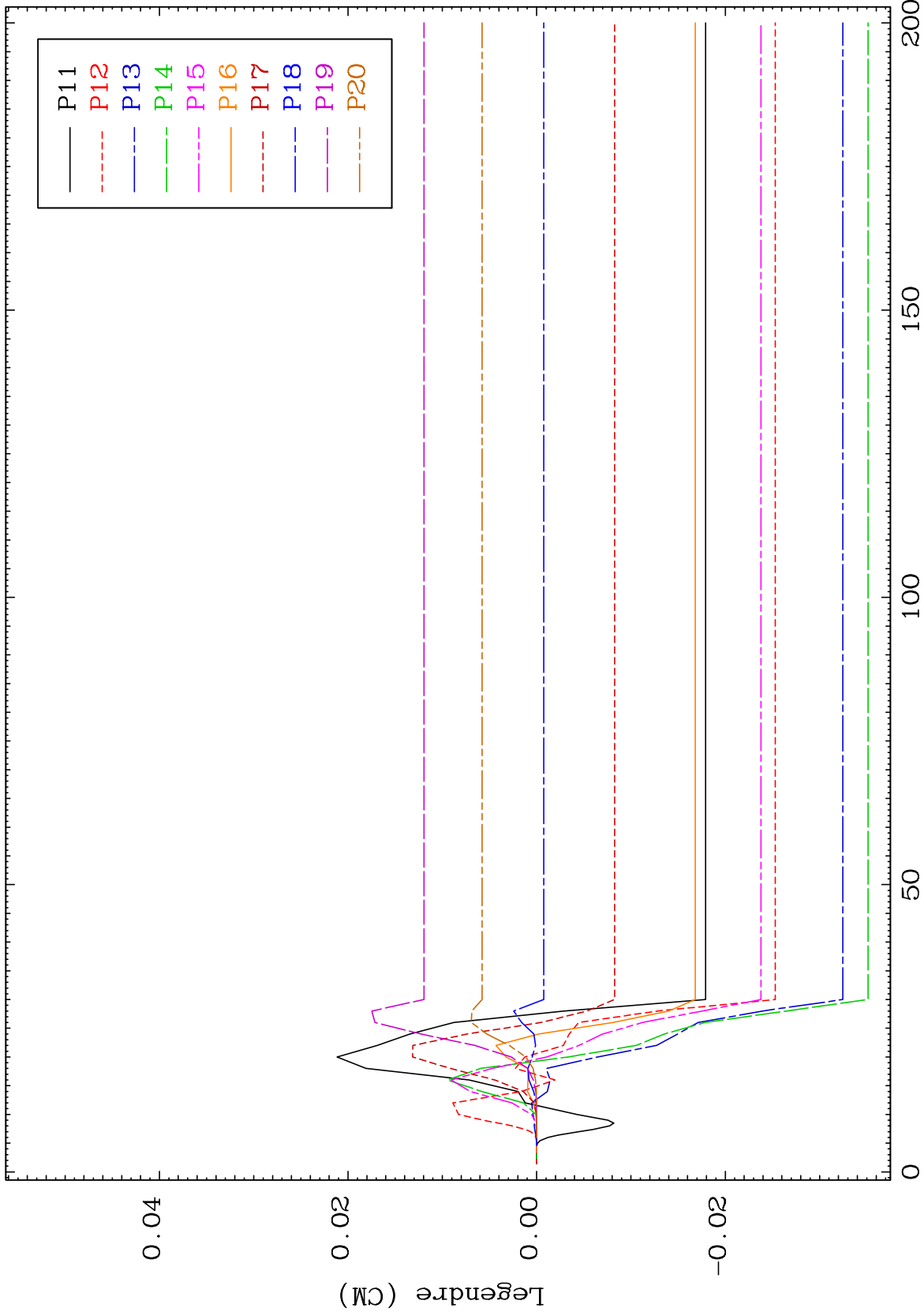


35

MAT 8192

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

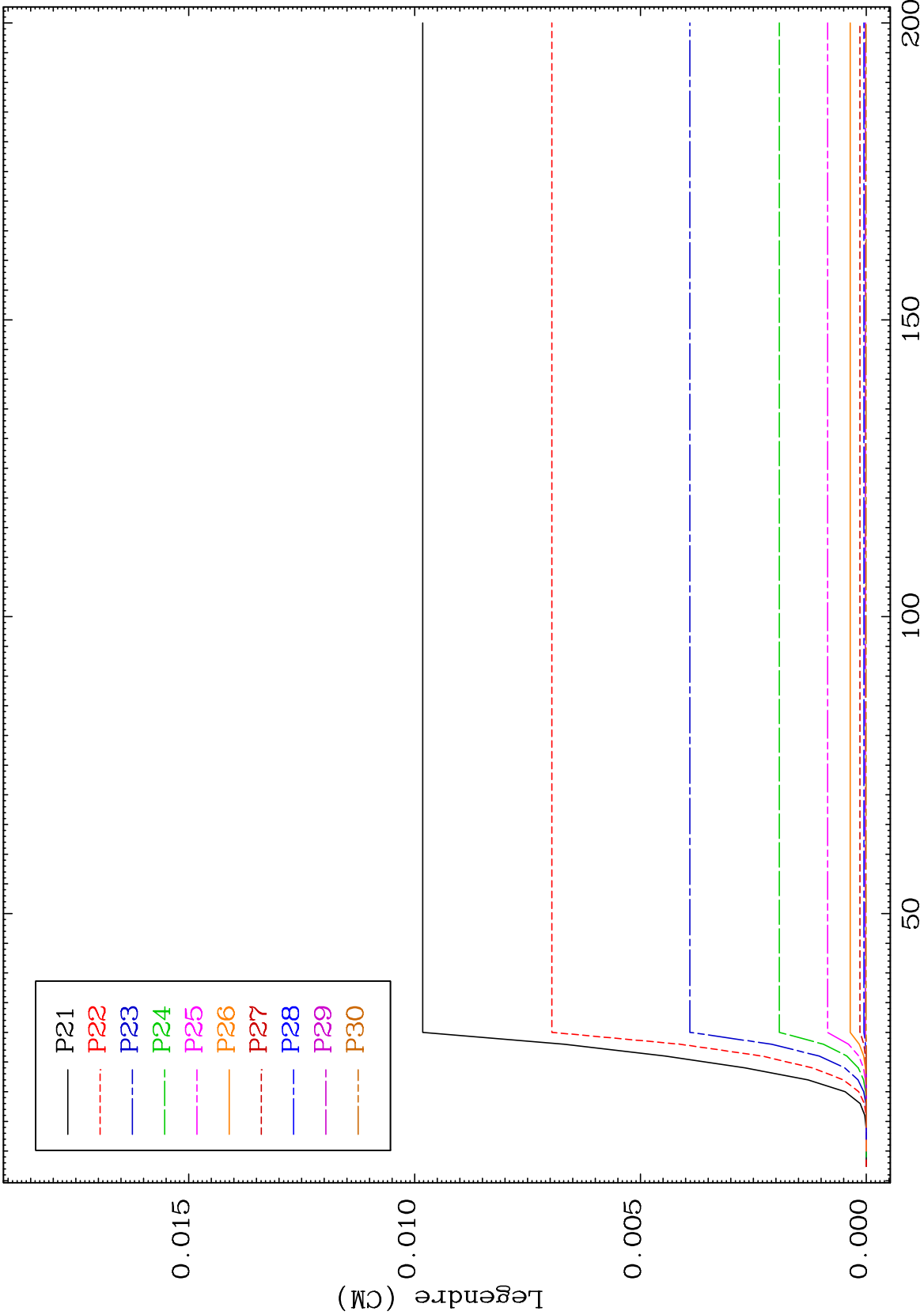
82-Pb-193



36

Incident Energy (MeV)

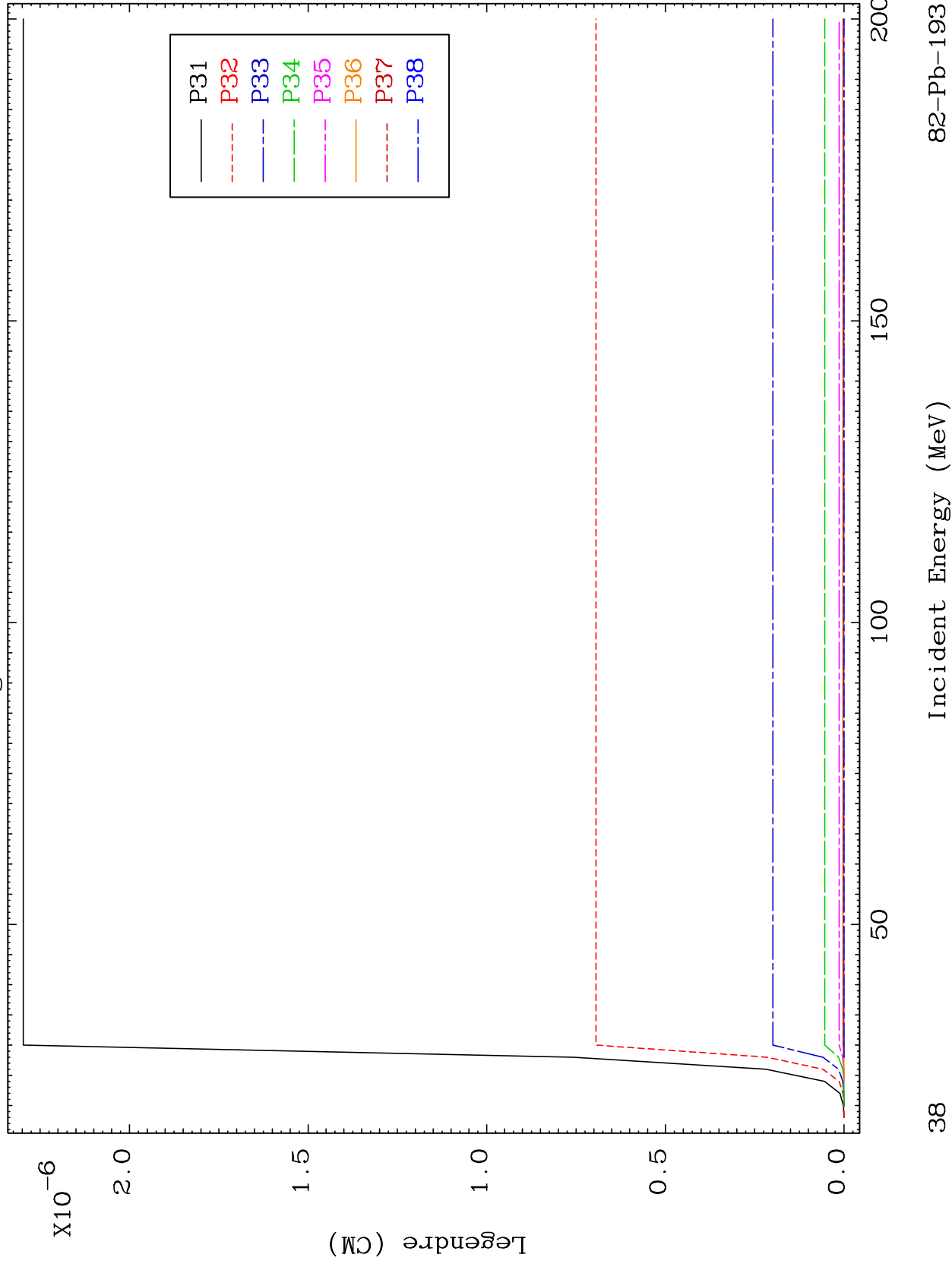
82-Pb-193



MAT 8192

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

82-Pb-193

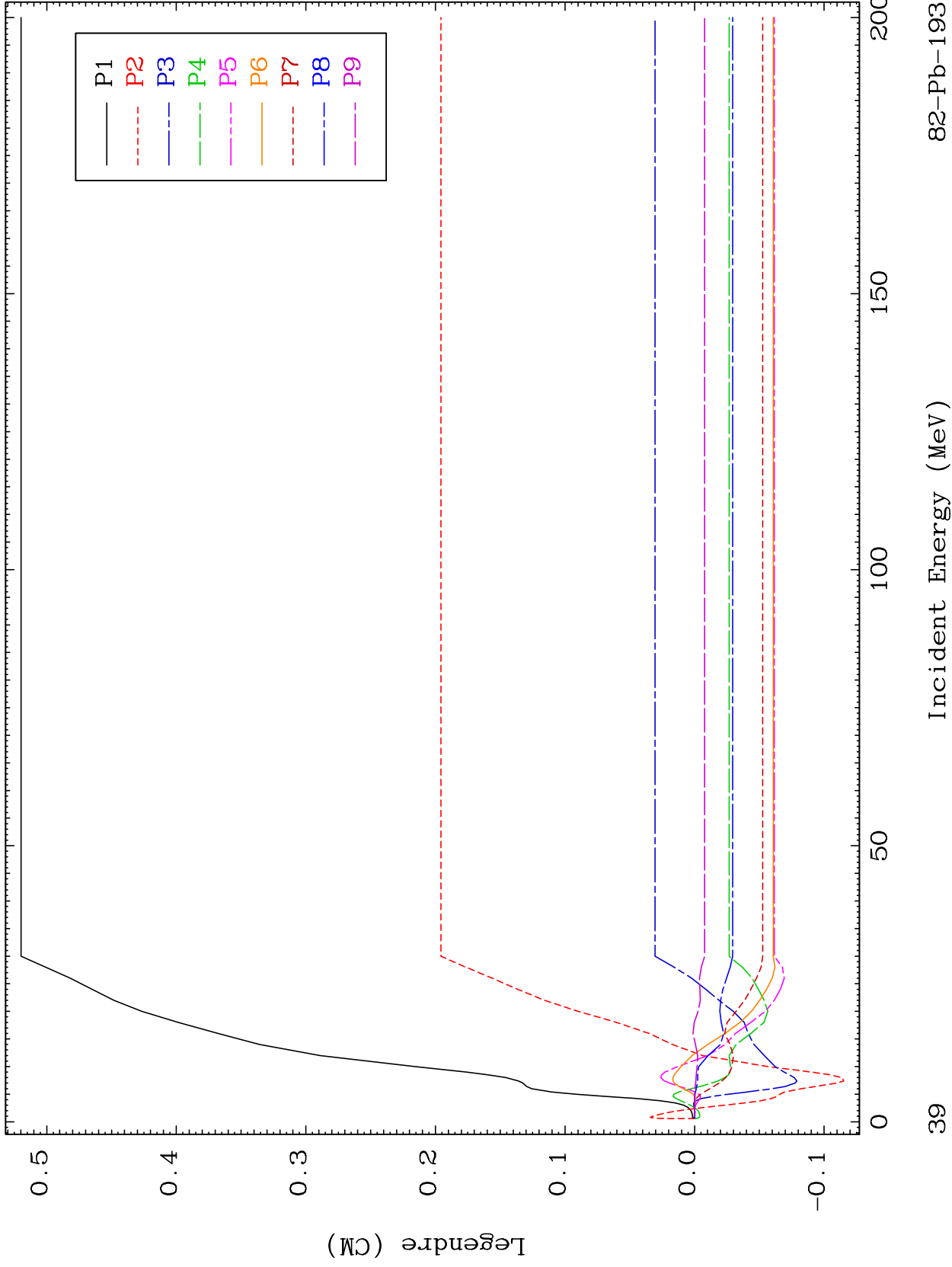


38

MAT 8192

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

82-Pb-193



39

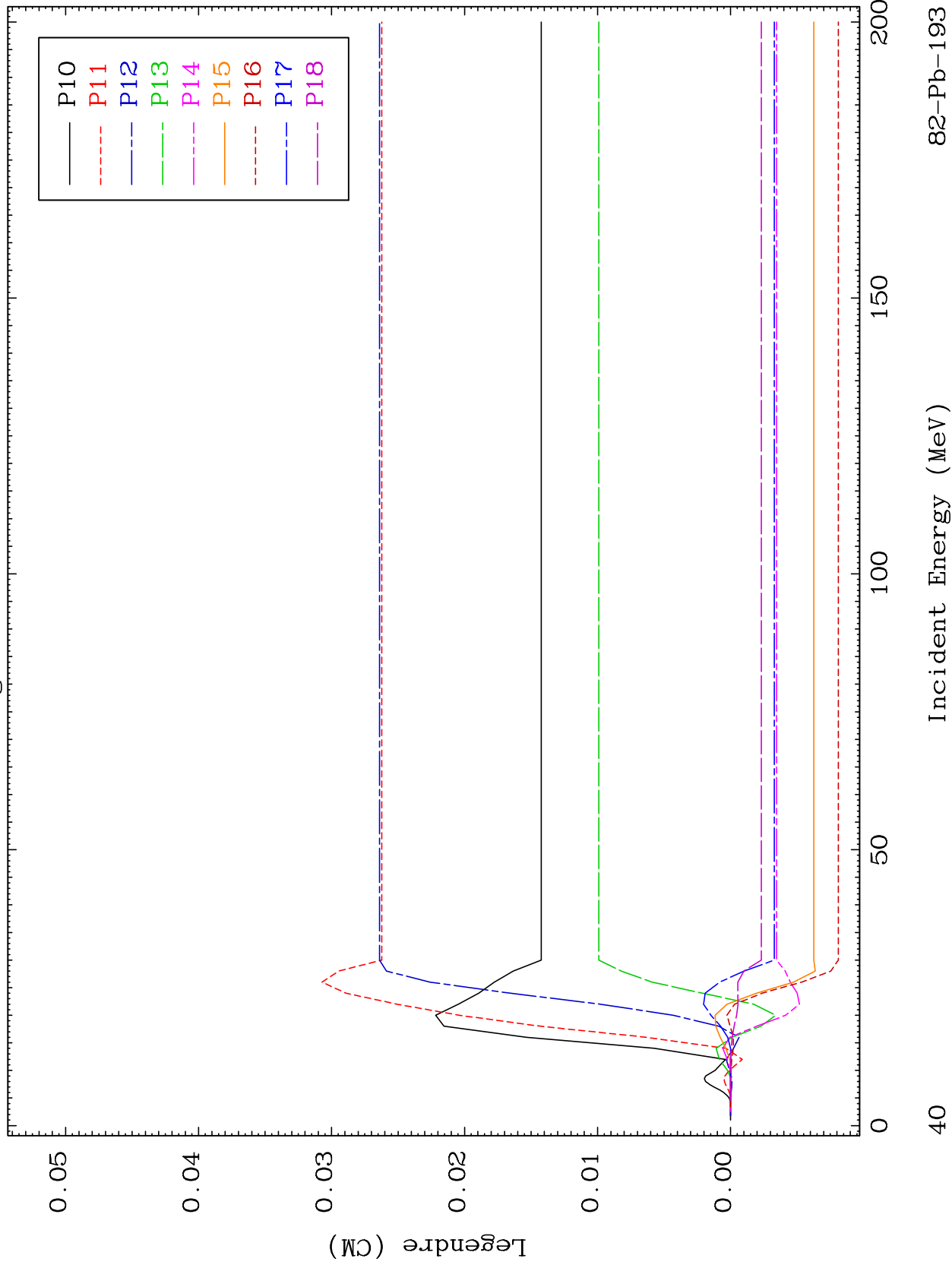
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

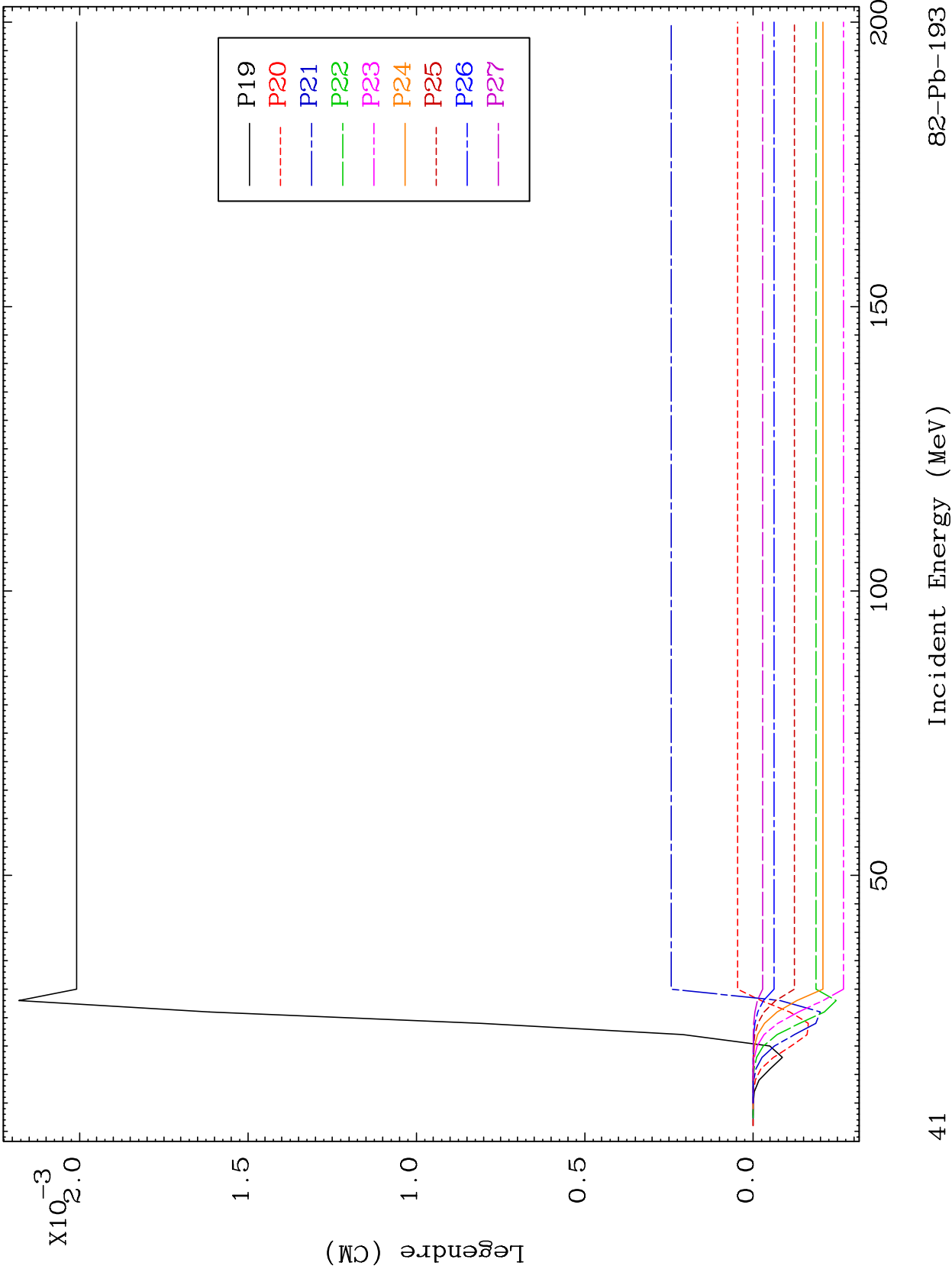
Incident Energy (MeV)

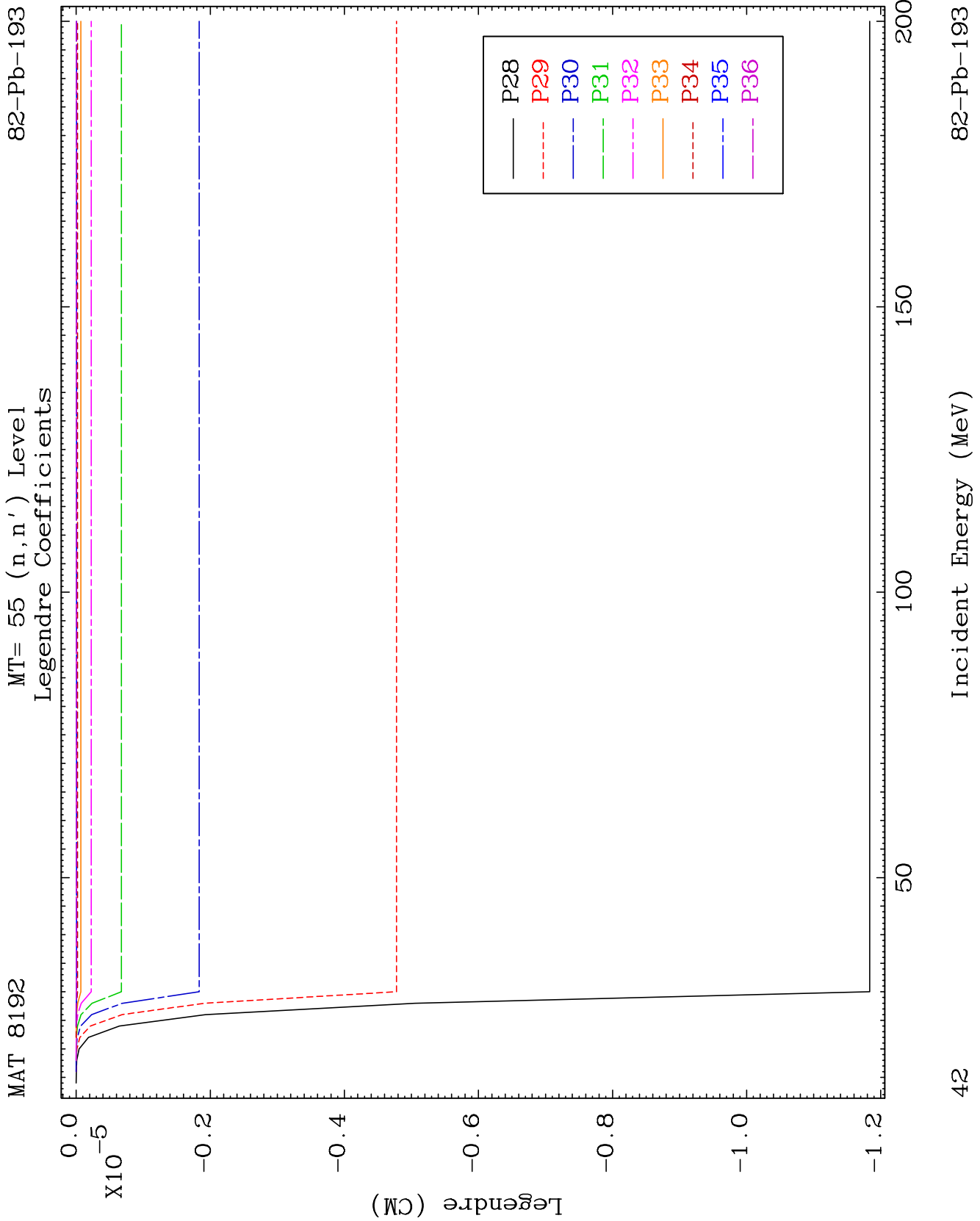
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MAT 8192

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

82-Pb-193

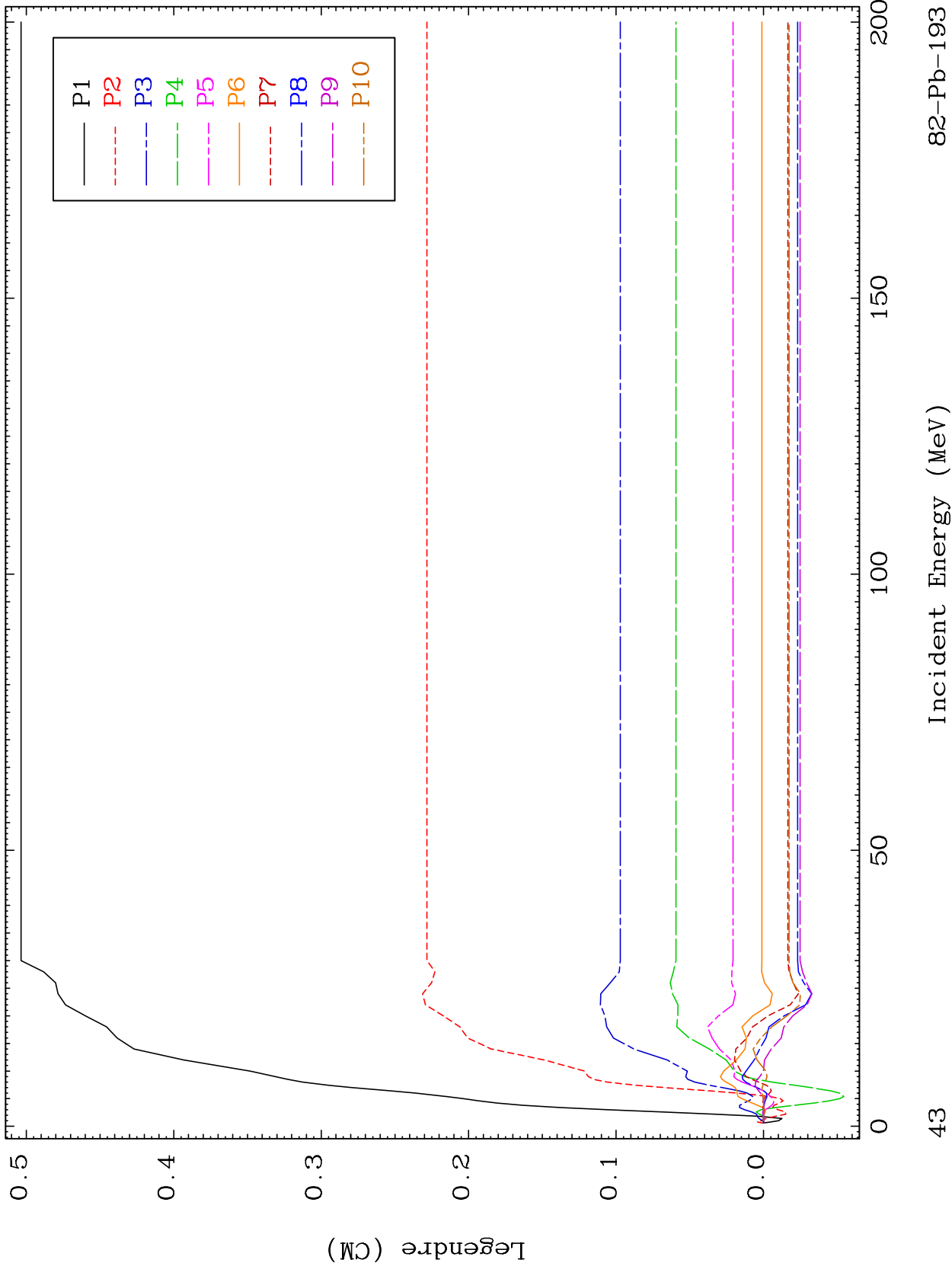




MAT 8192

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

82-Pb-193



82-Pb-193

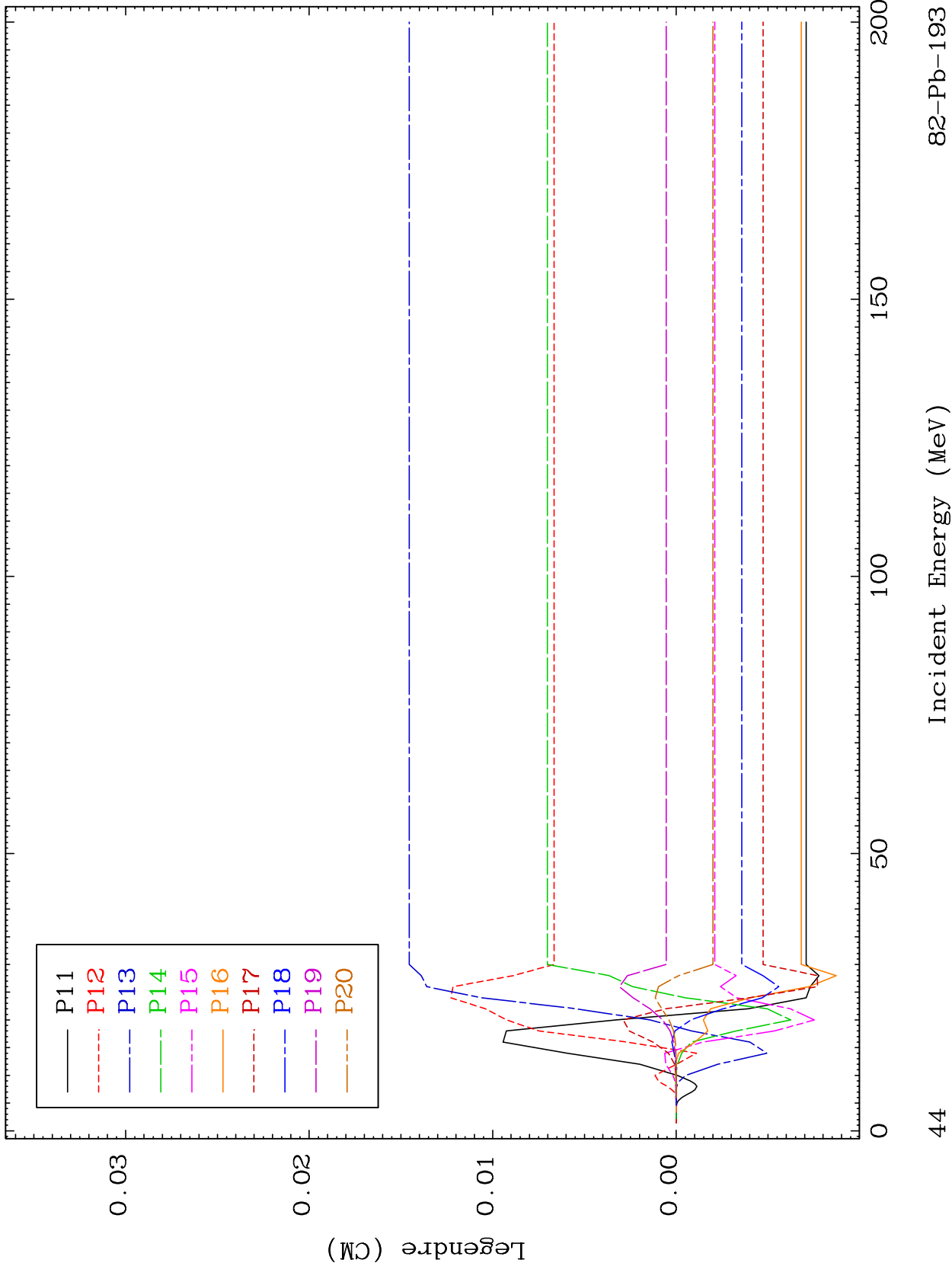
Incident Energy (MeV)

43

MAT 8192

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

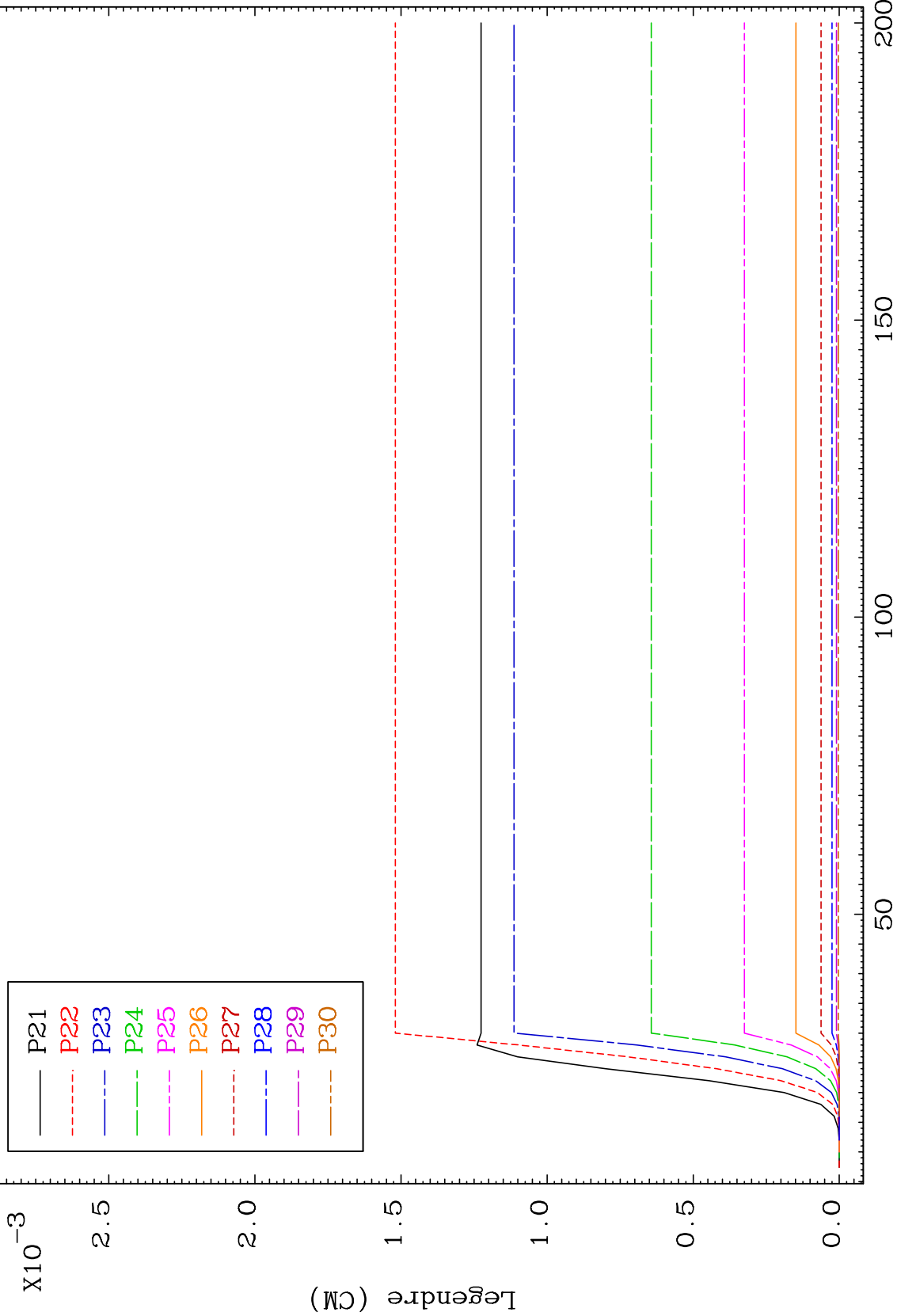
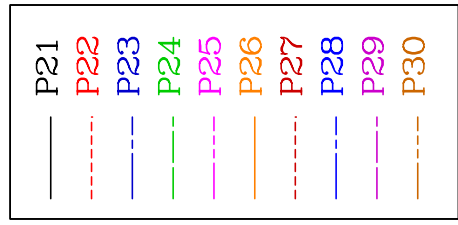
82-Pb-193



MAT 8192

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

82-Pb-193



45

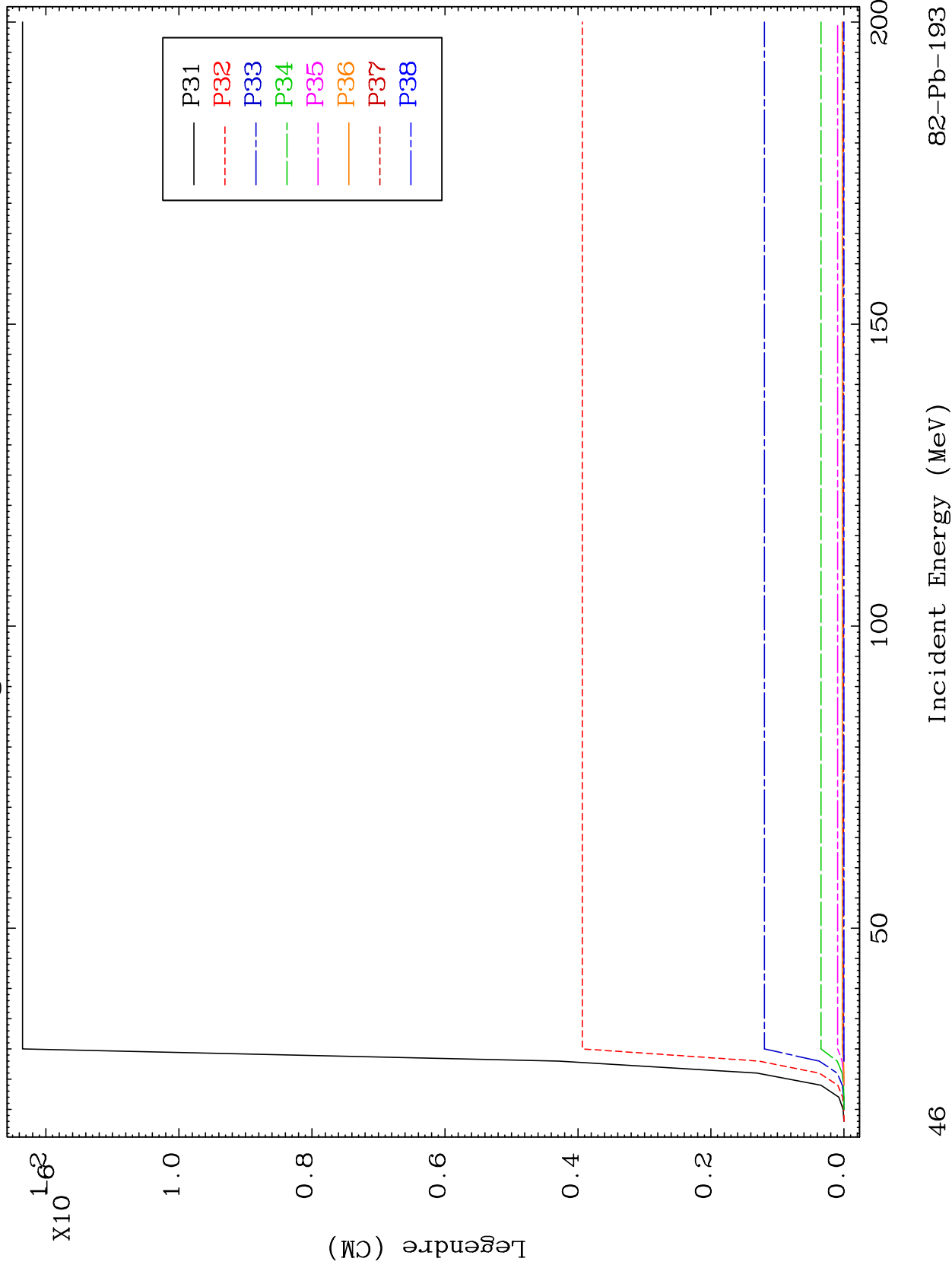
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



46

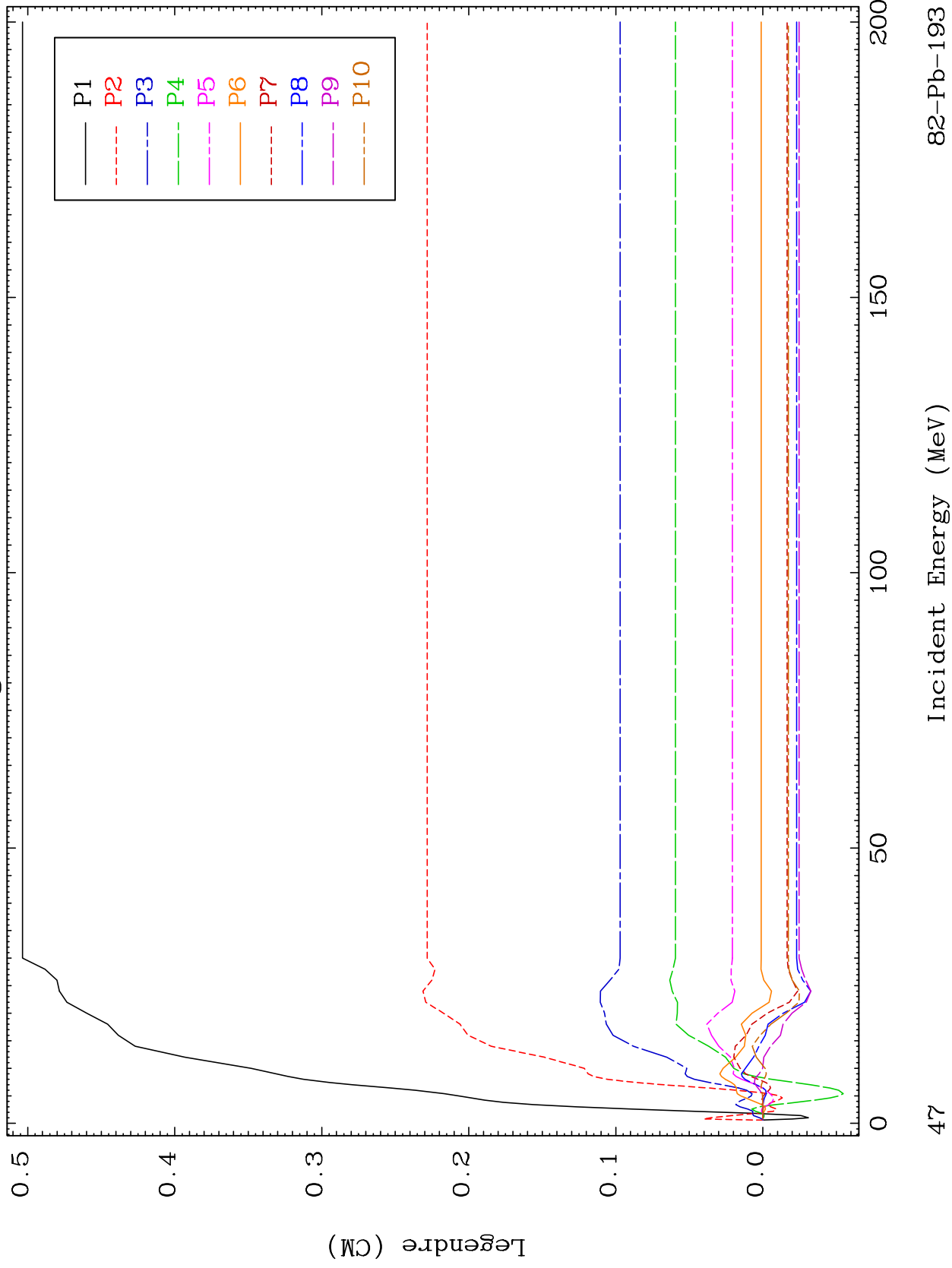
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

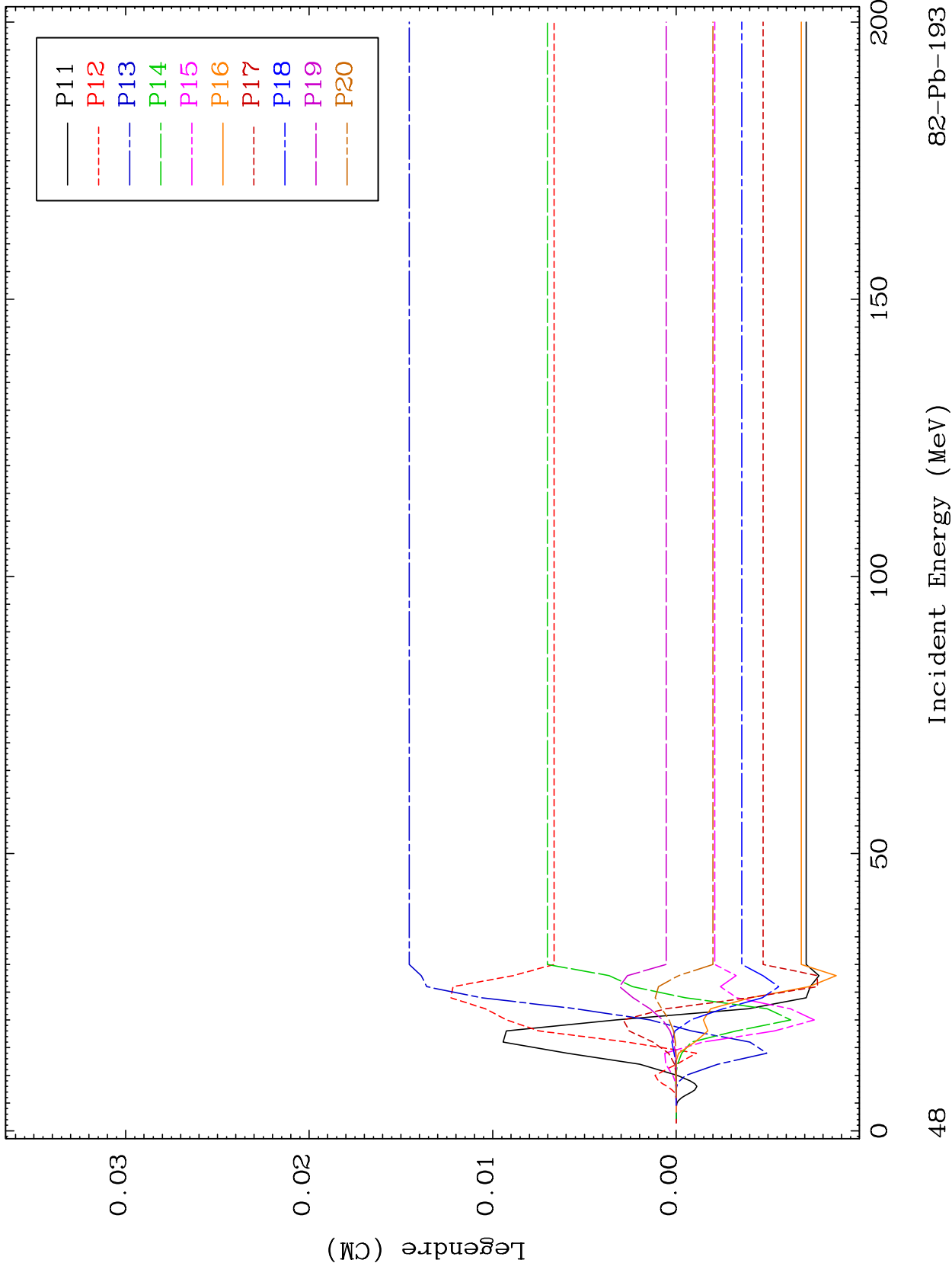
82-Pb-193



MAT 8192

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

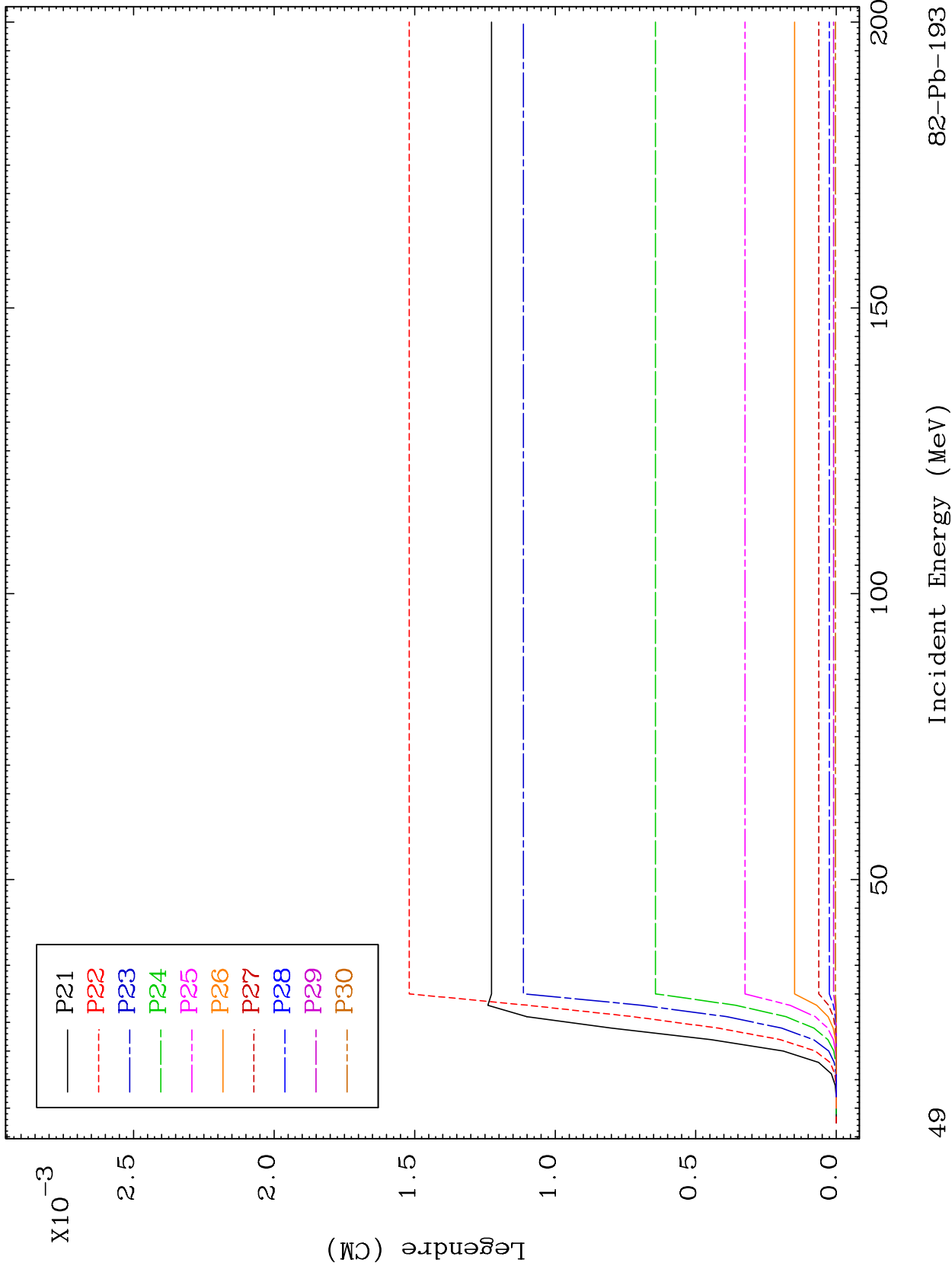
82-Pb-193



82-Pb-193

Incident Energy (MeV)

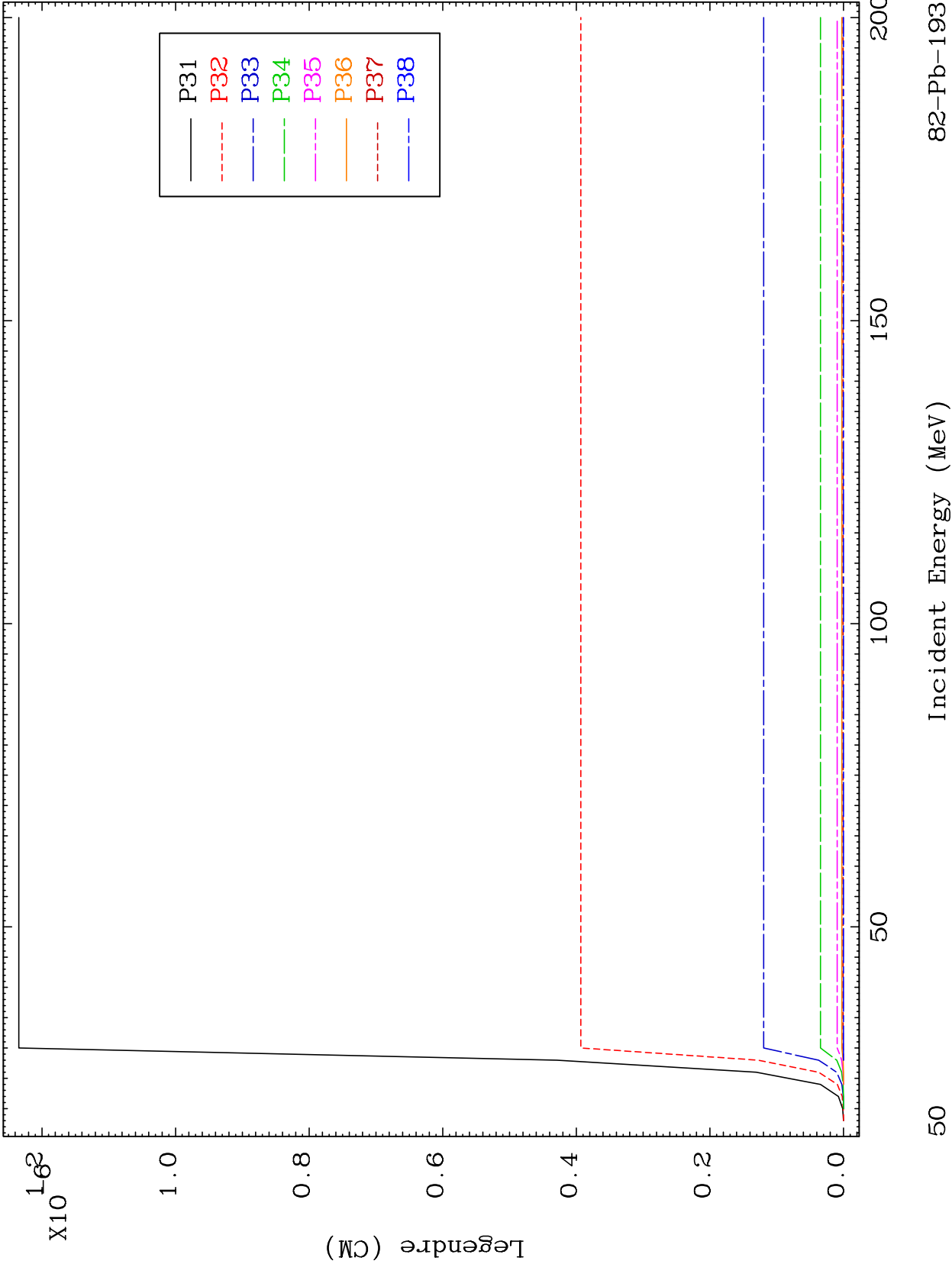
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MAT 8192

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

82-Pb-193



82-Pb-193

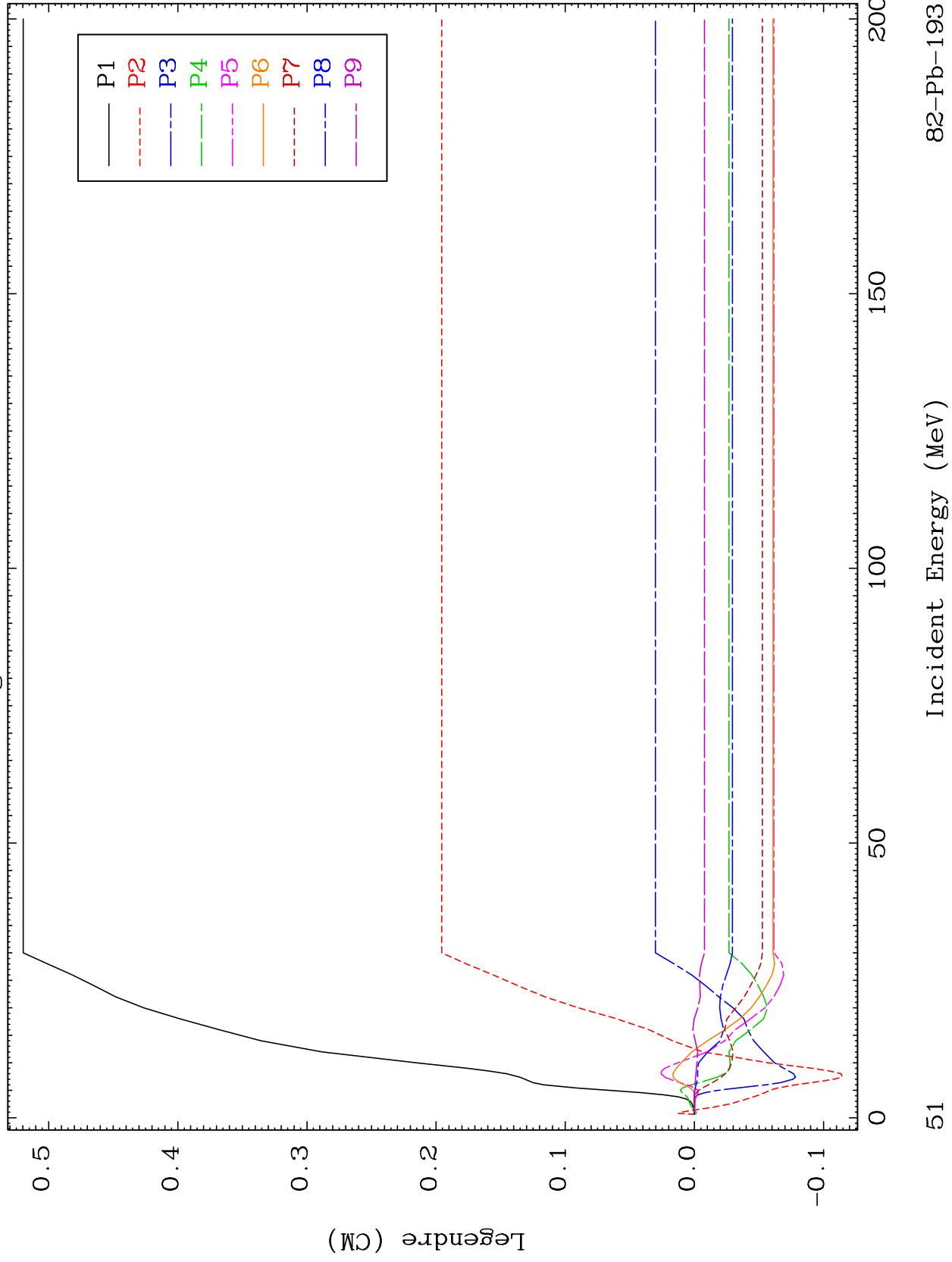
Incident Energy (MeV)

50

MAT 8192

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

82-Pb-193



82-Pb-193

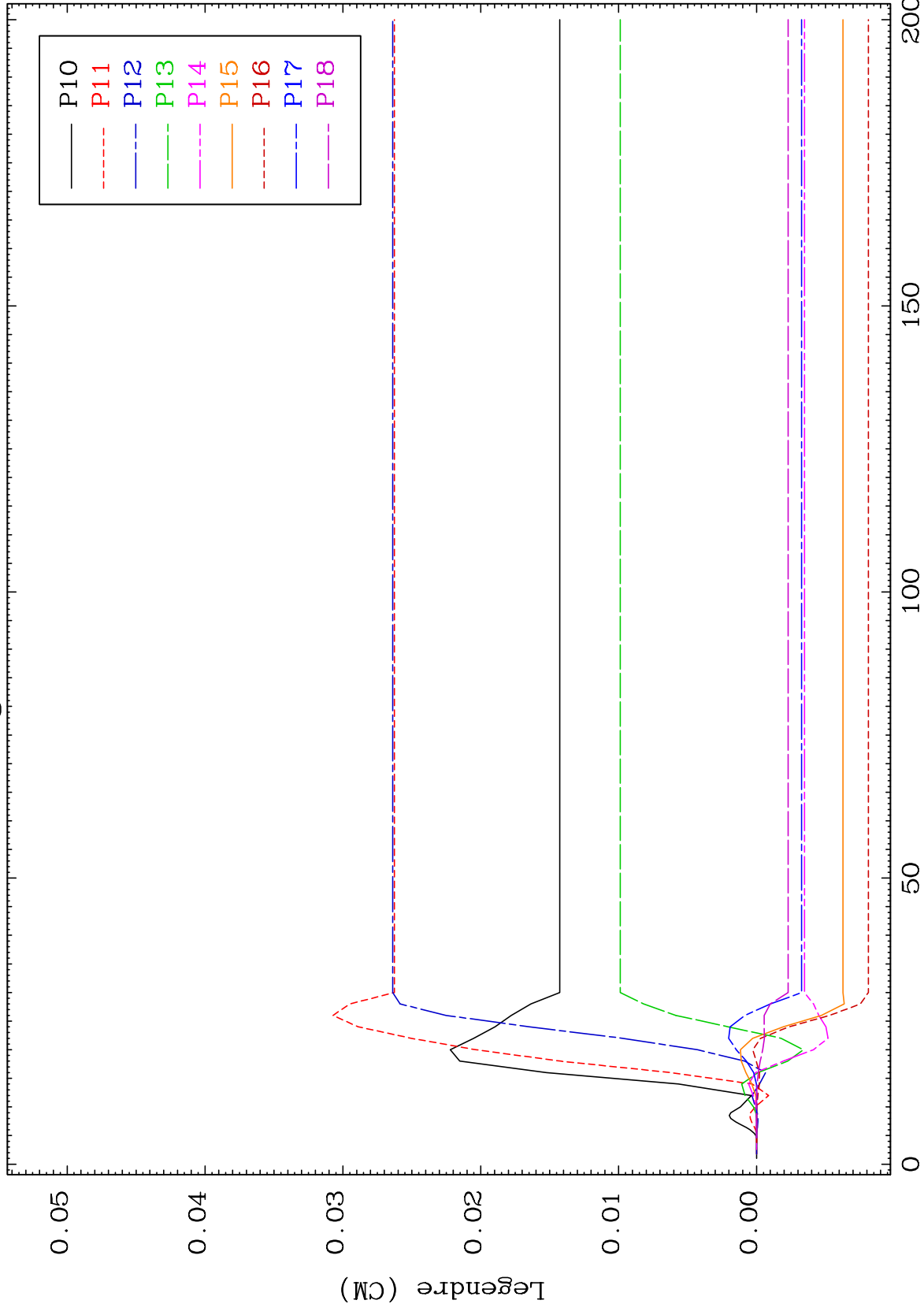
Incident Energy (MeV)

51

MAT 8192

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

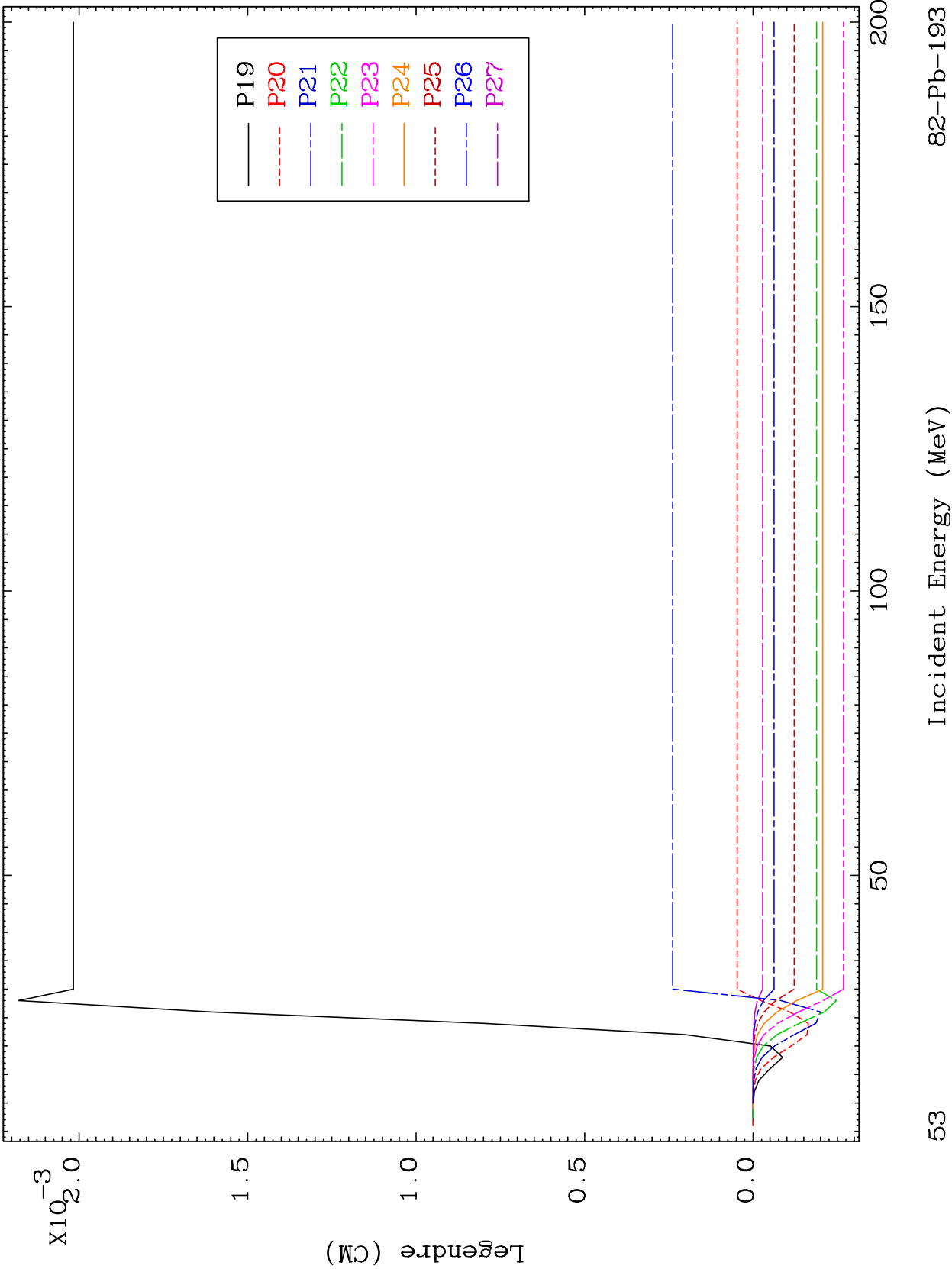
82-Pb-193



52

Incident Energy (MeV)

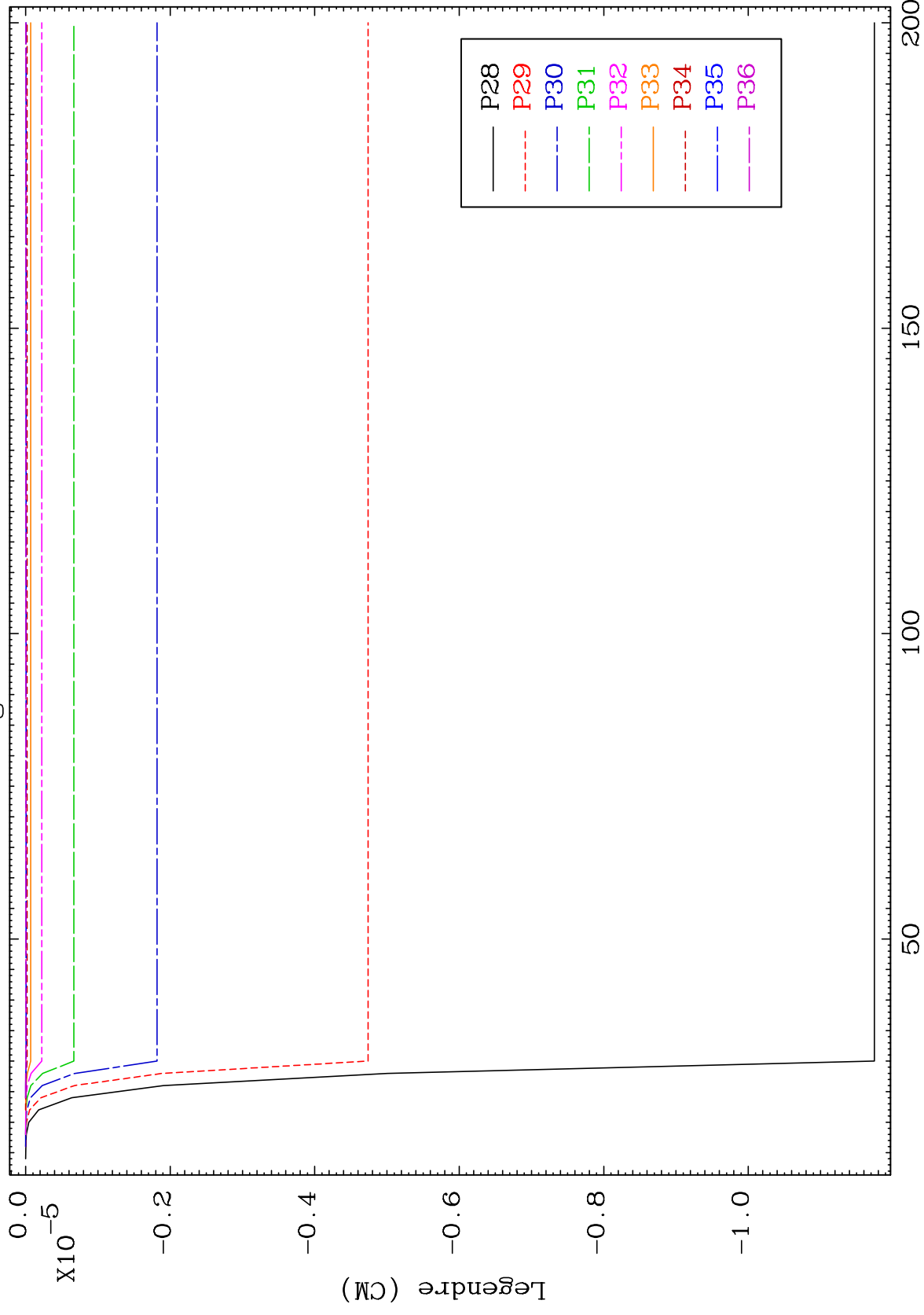
82-Pb-193



MAT 8192

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

82-Pb-193



54

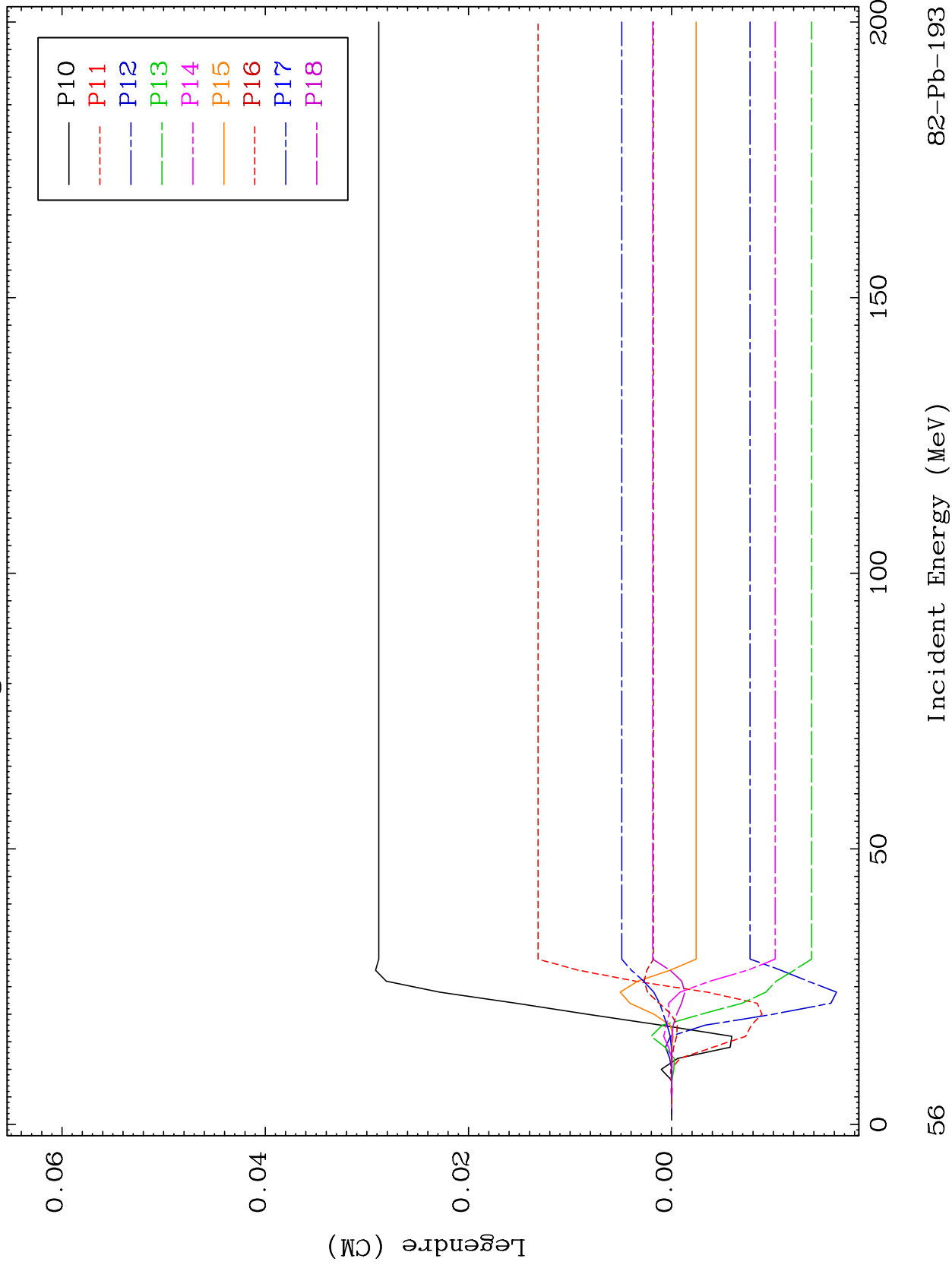
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

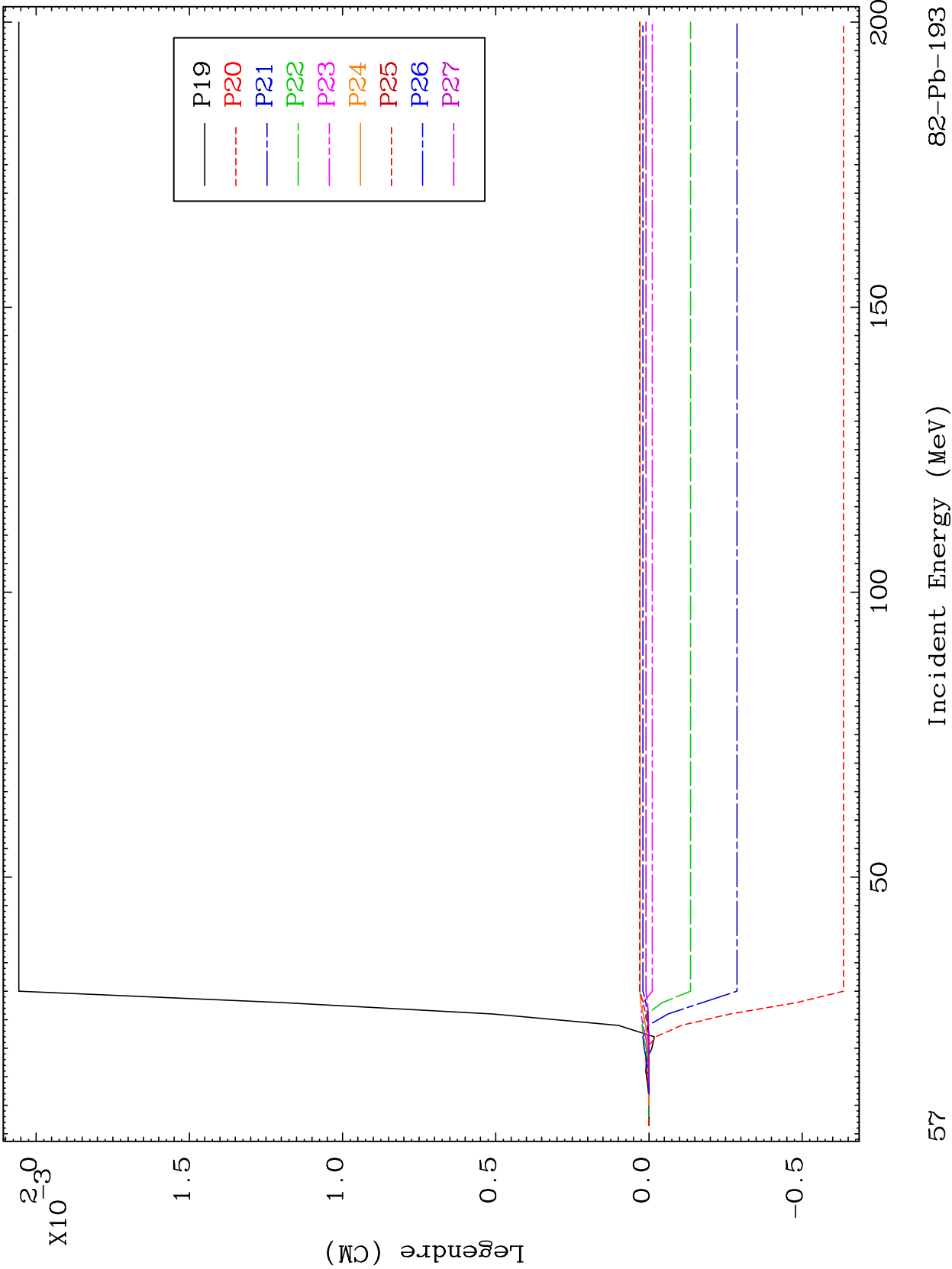
82-Pb-193



82-Pb-193

Incident Energy (MeV)

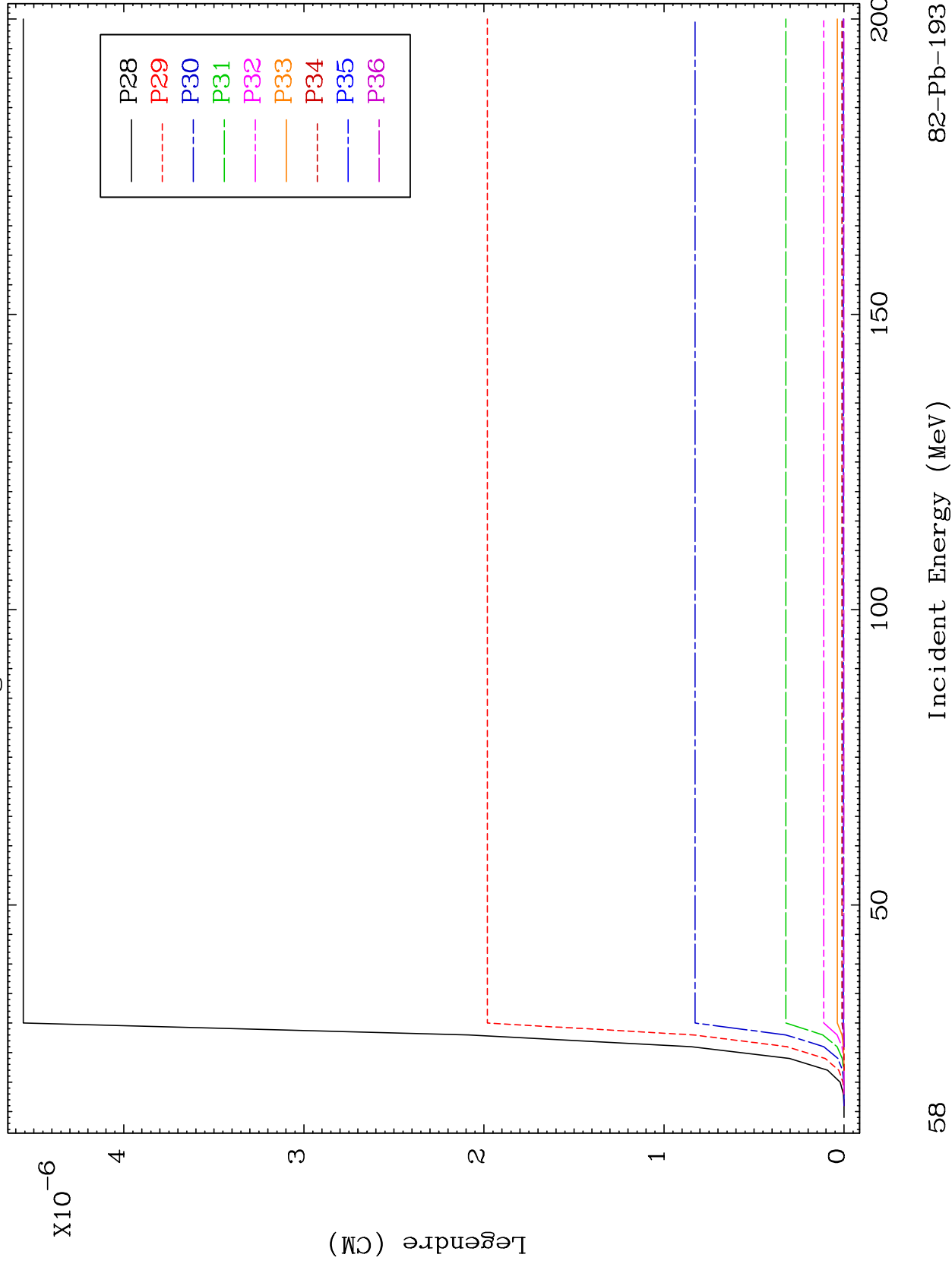
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MAT 8192

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

82-Pb-193



58

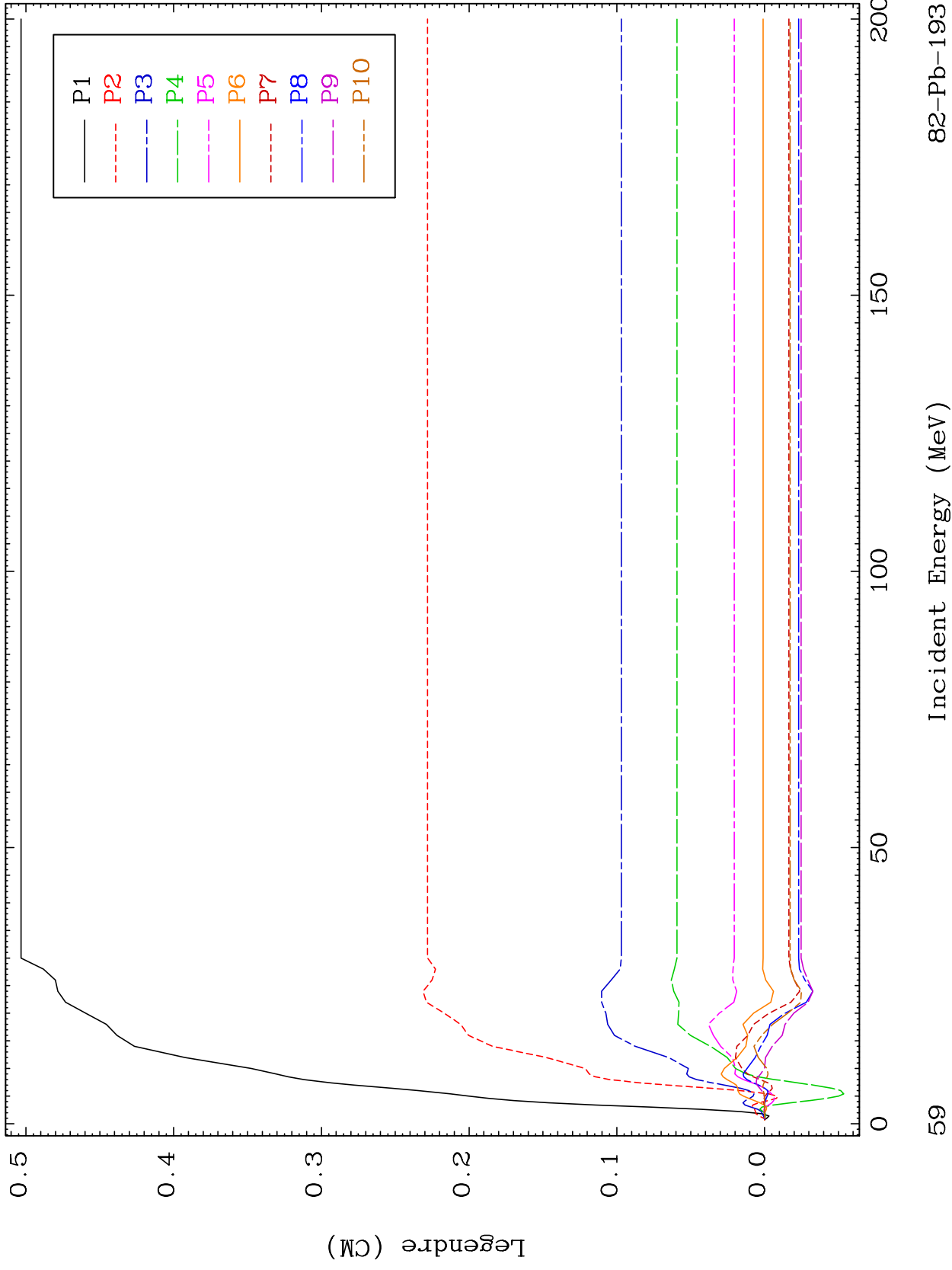
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

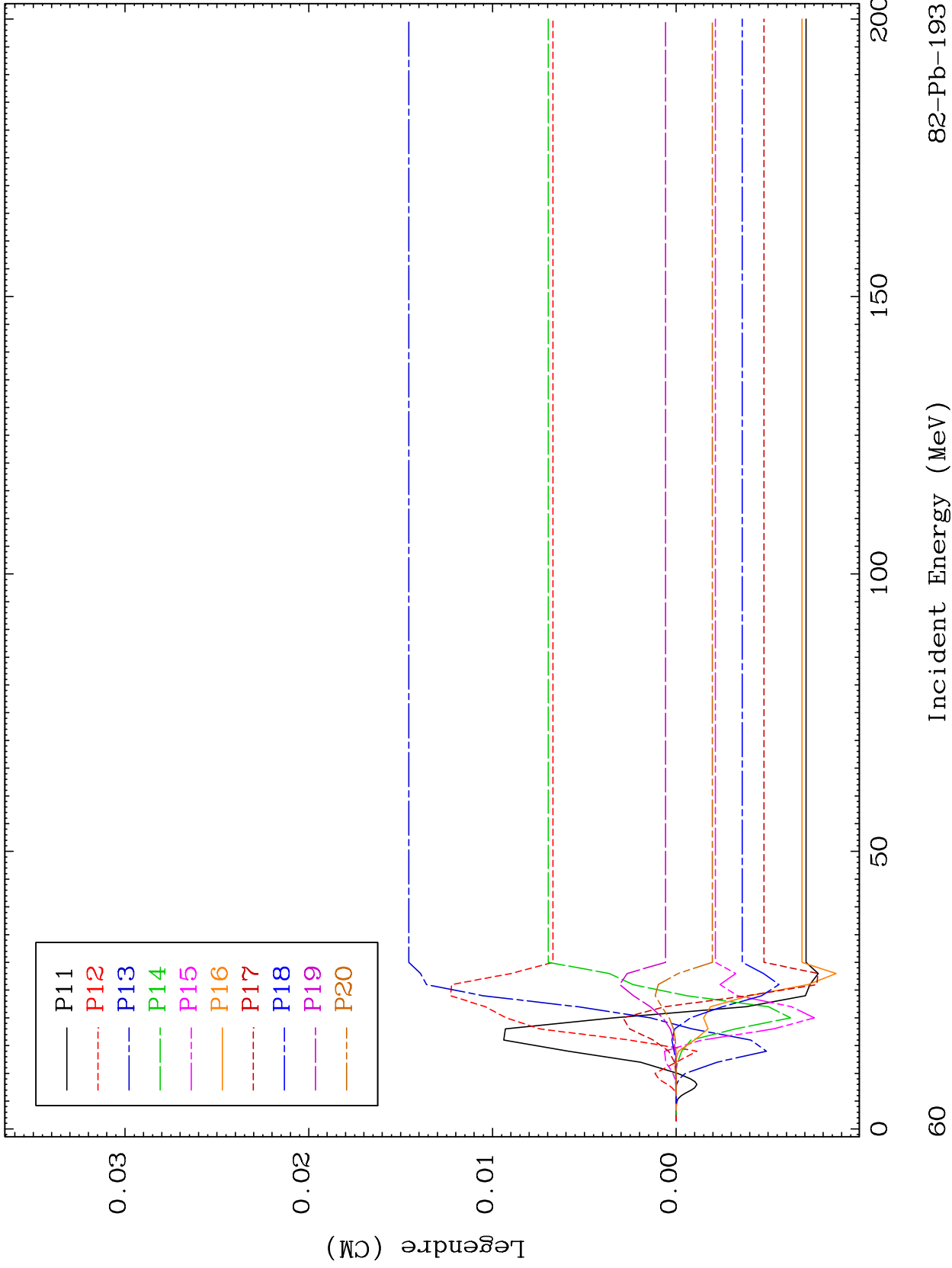
Incident Energy (MeV)

59

MAT 8192

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

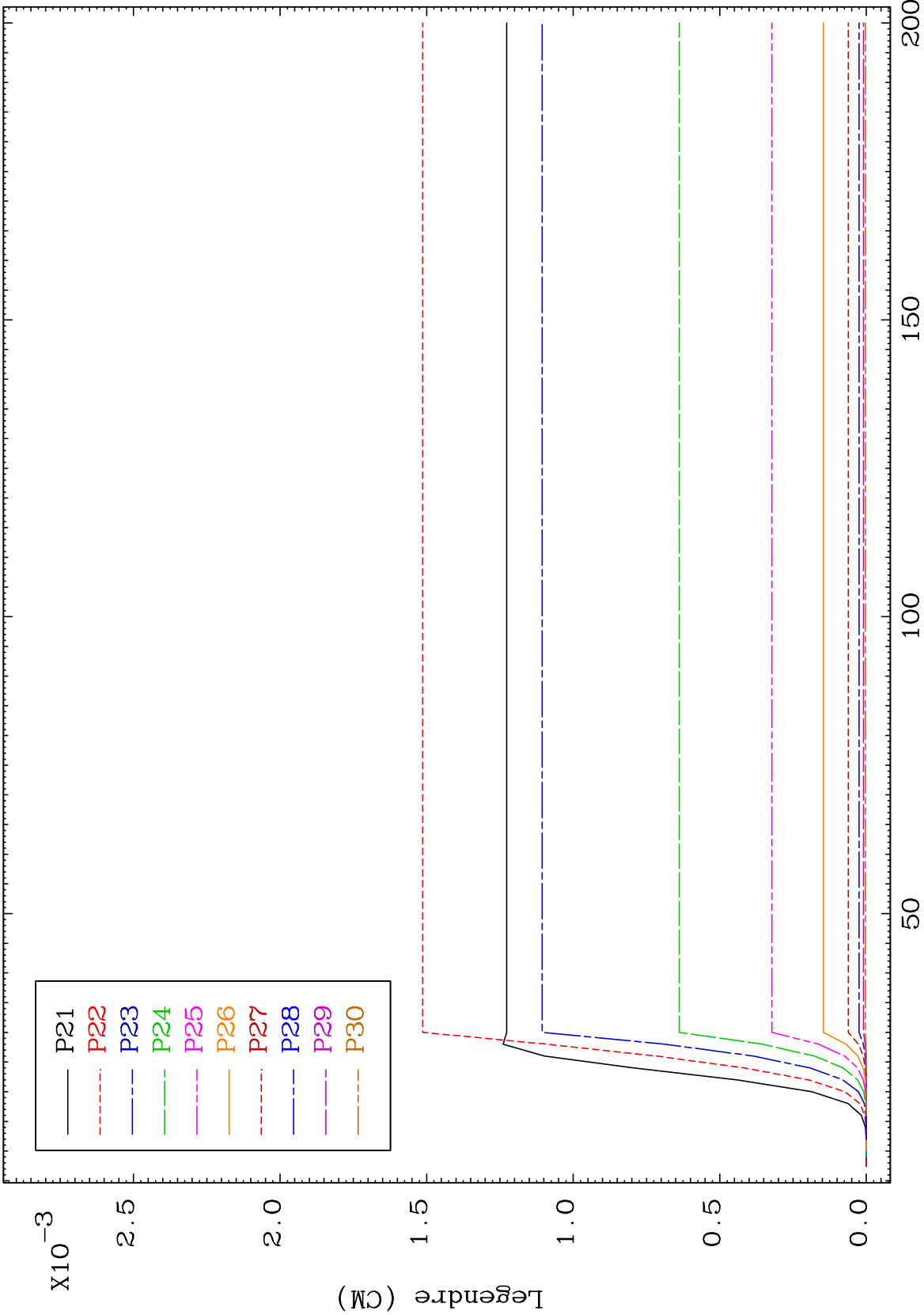
82-Pb-193



82-Pb-193

Incident Energy (MeV)

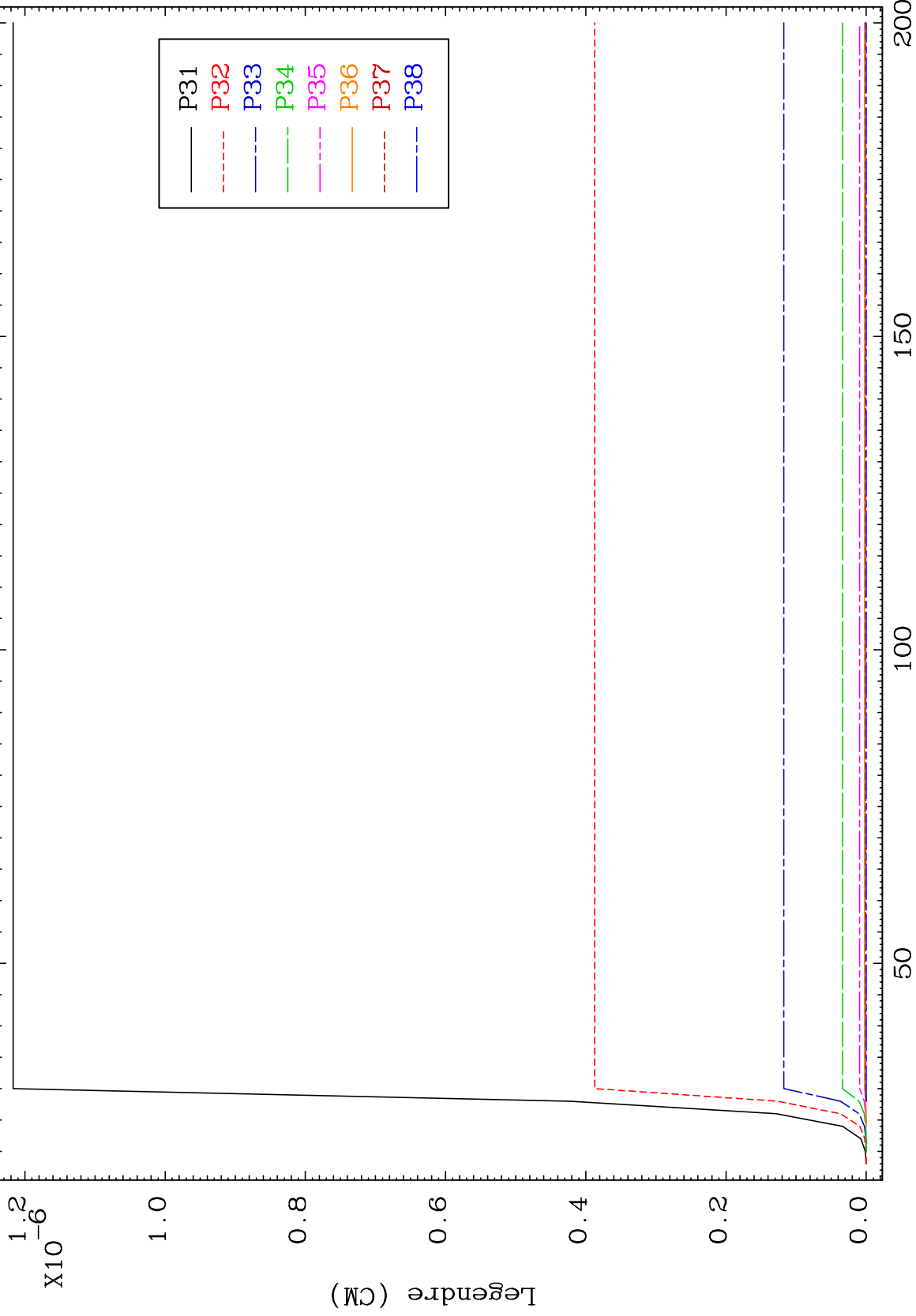
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MAT 8192

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

82-Pb-193



62

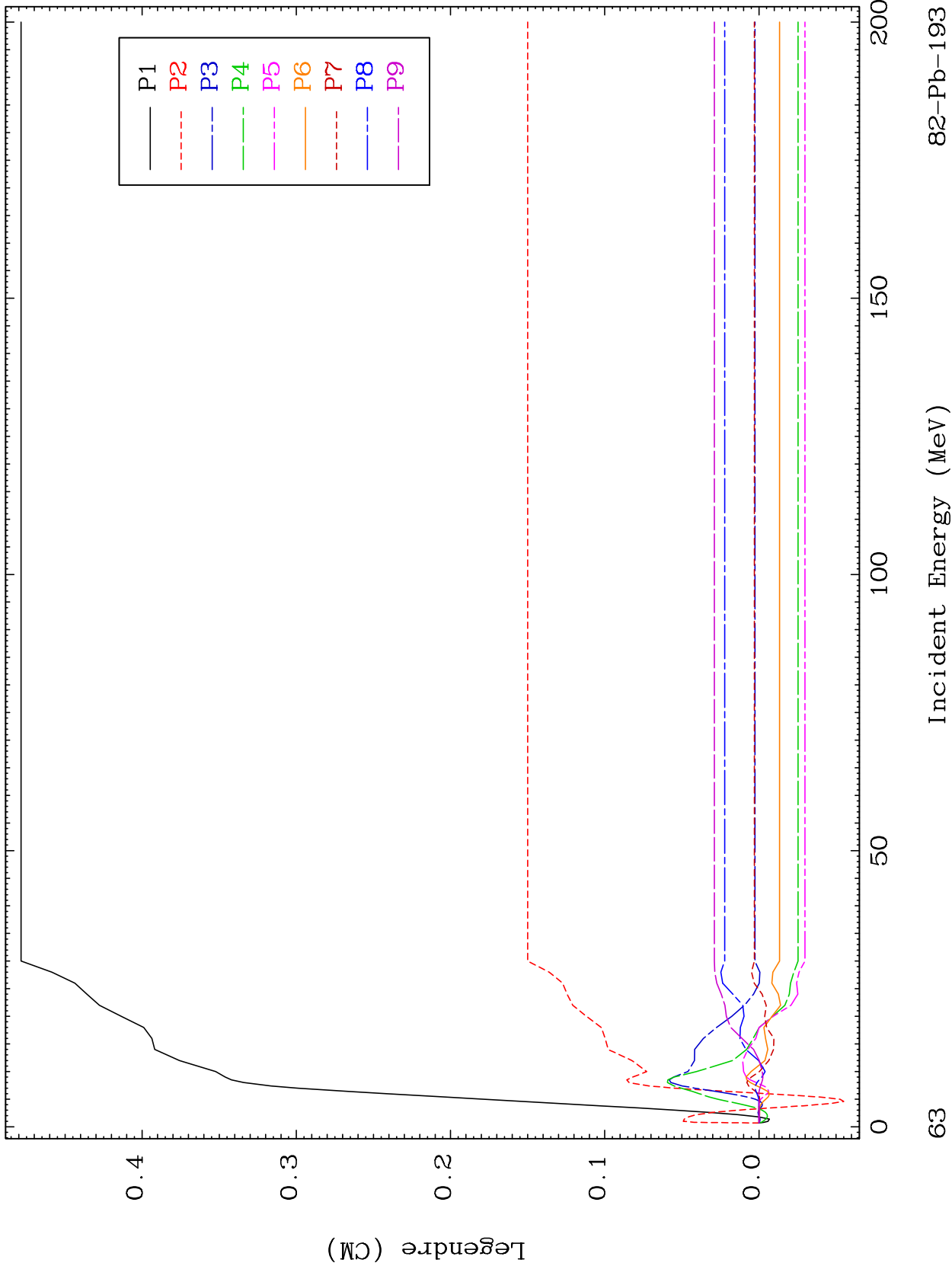
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

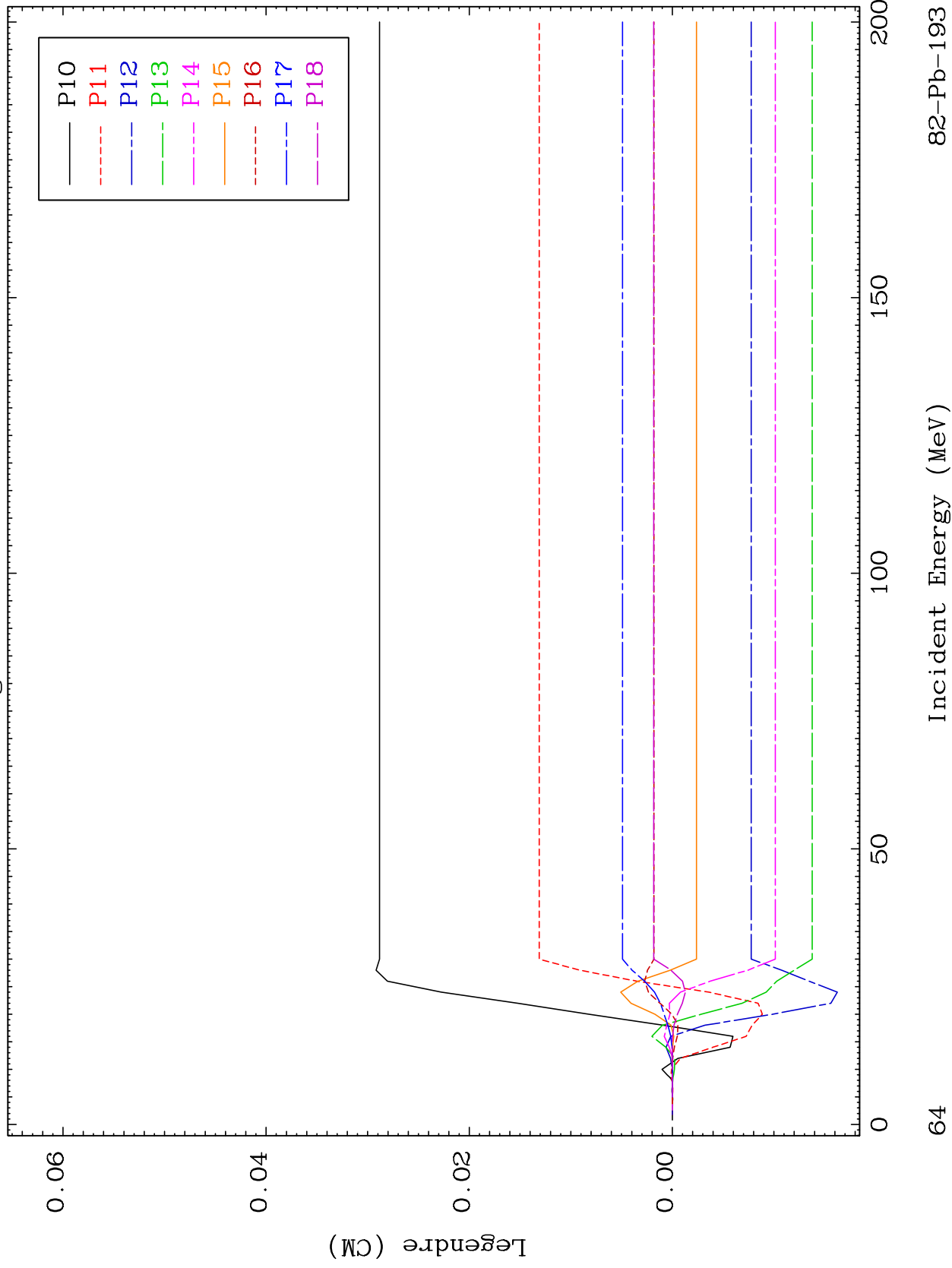
Incident Energy (MeV)

63

MAT 8192

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

82-Pb-193



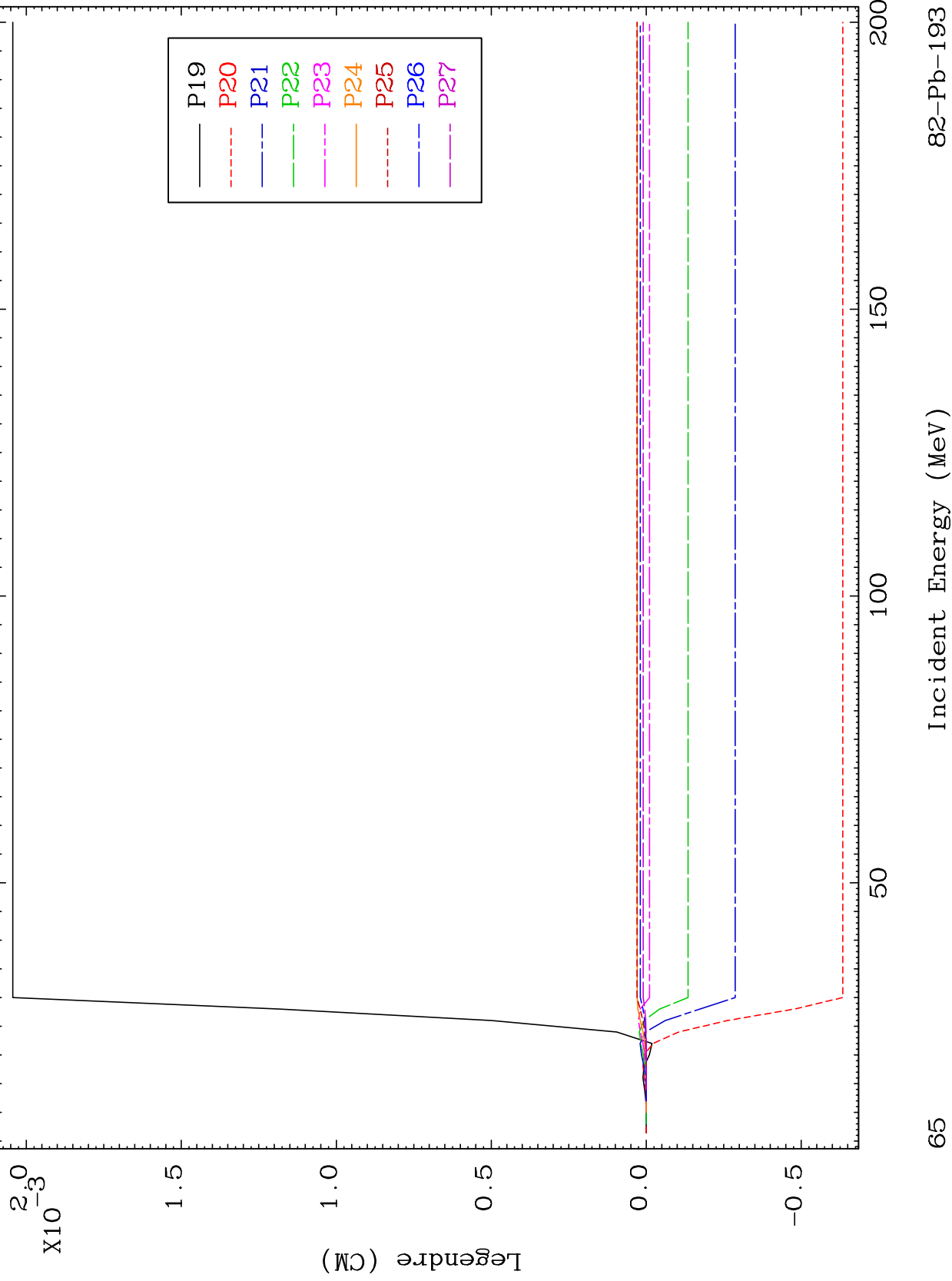
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82-Pb-193

MAT 8192

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

82-Pb-193



65

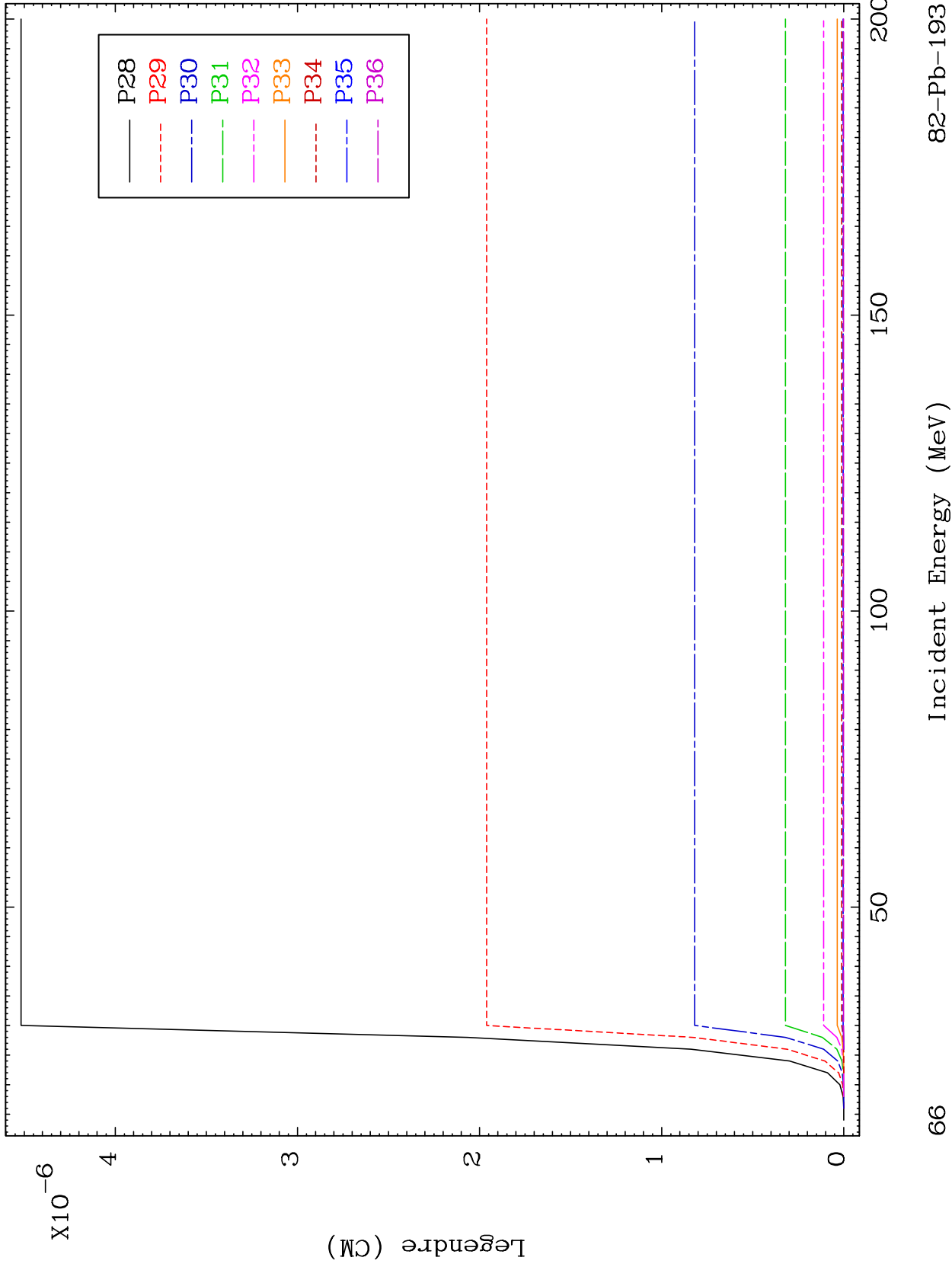
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

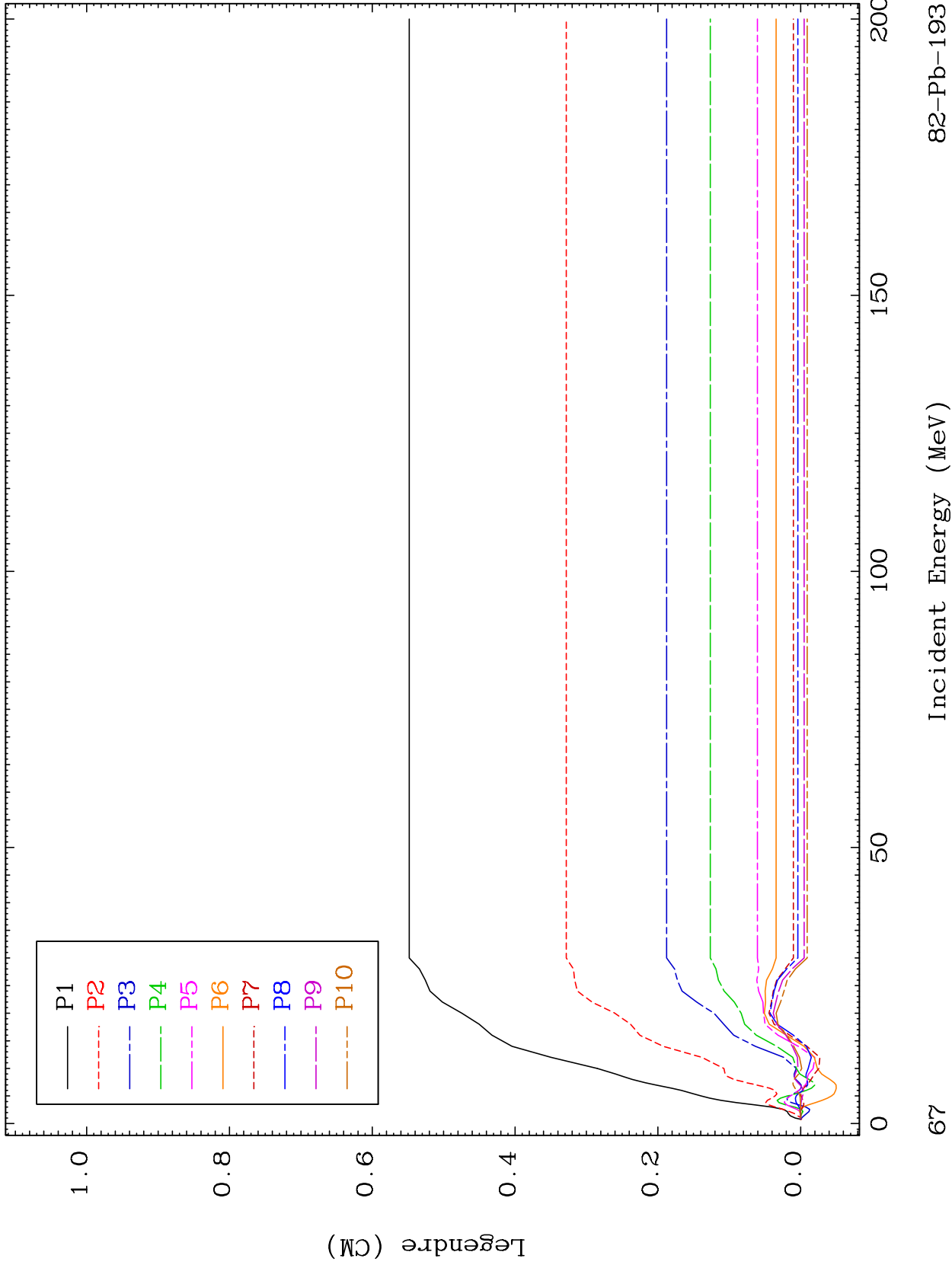
82-Pb-193



MAT 8192

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

82-Pb-193



67

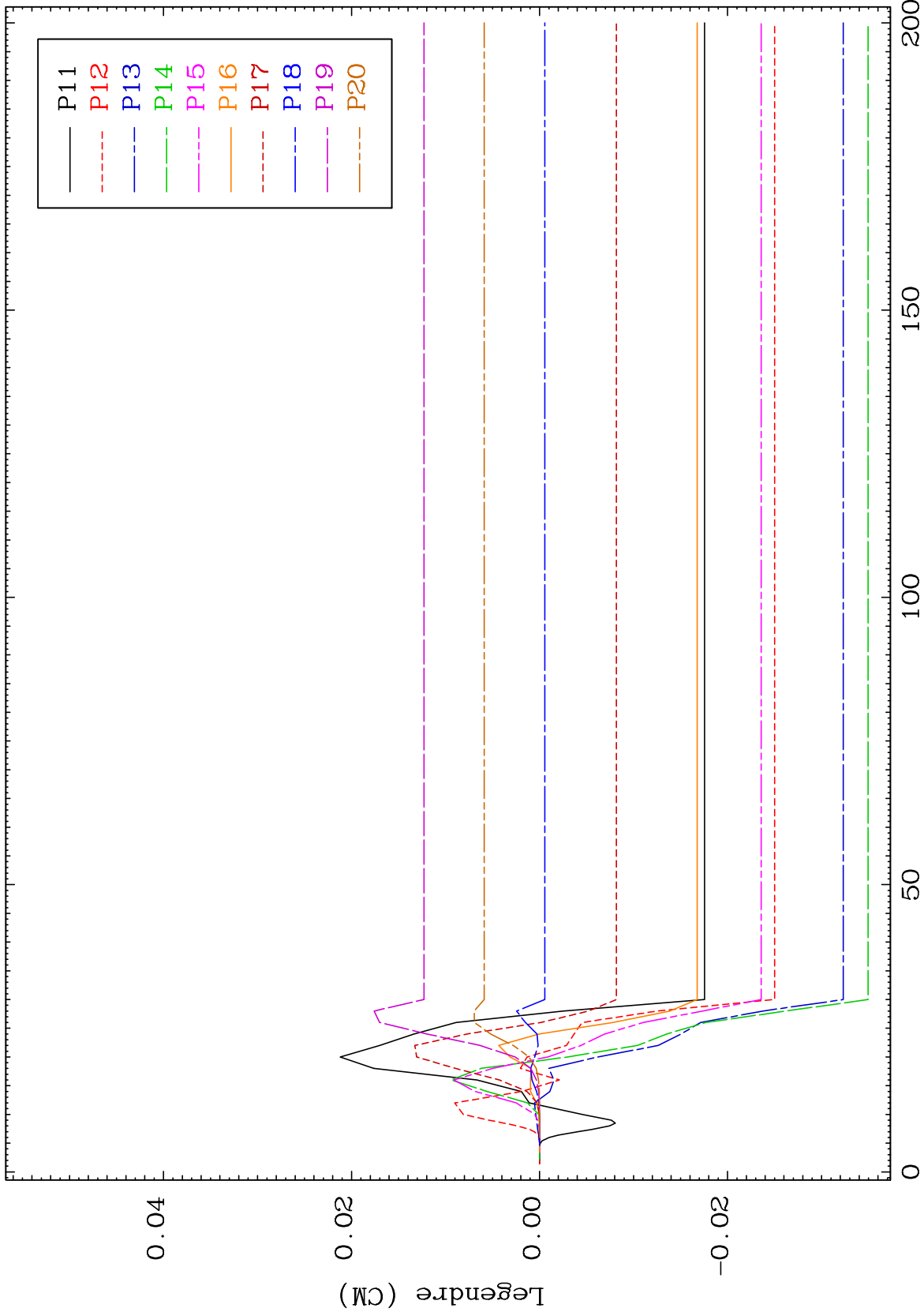
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

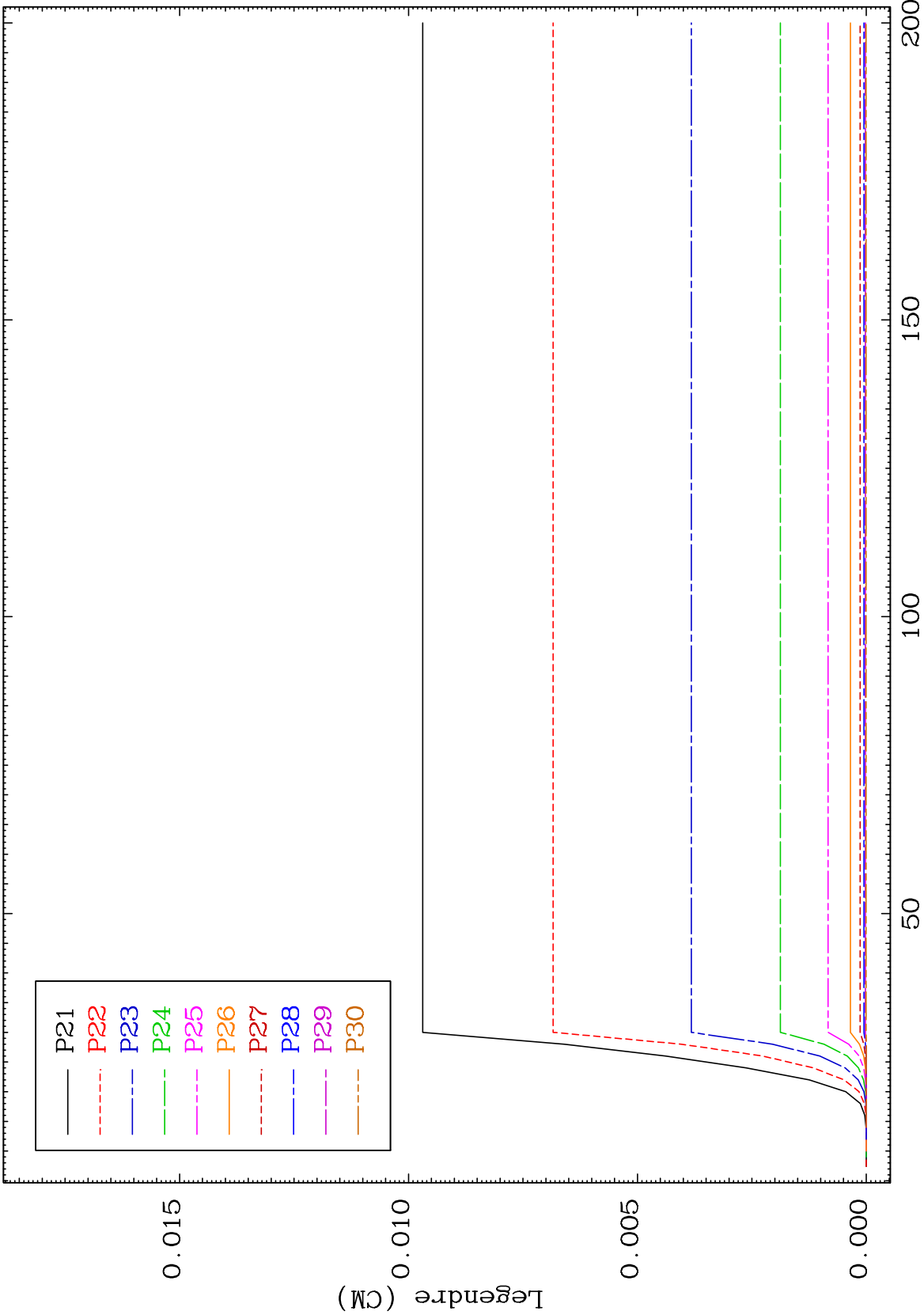
82-Pb-193



68

Incident Energy (MeV)

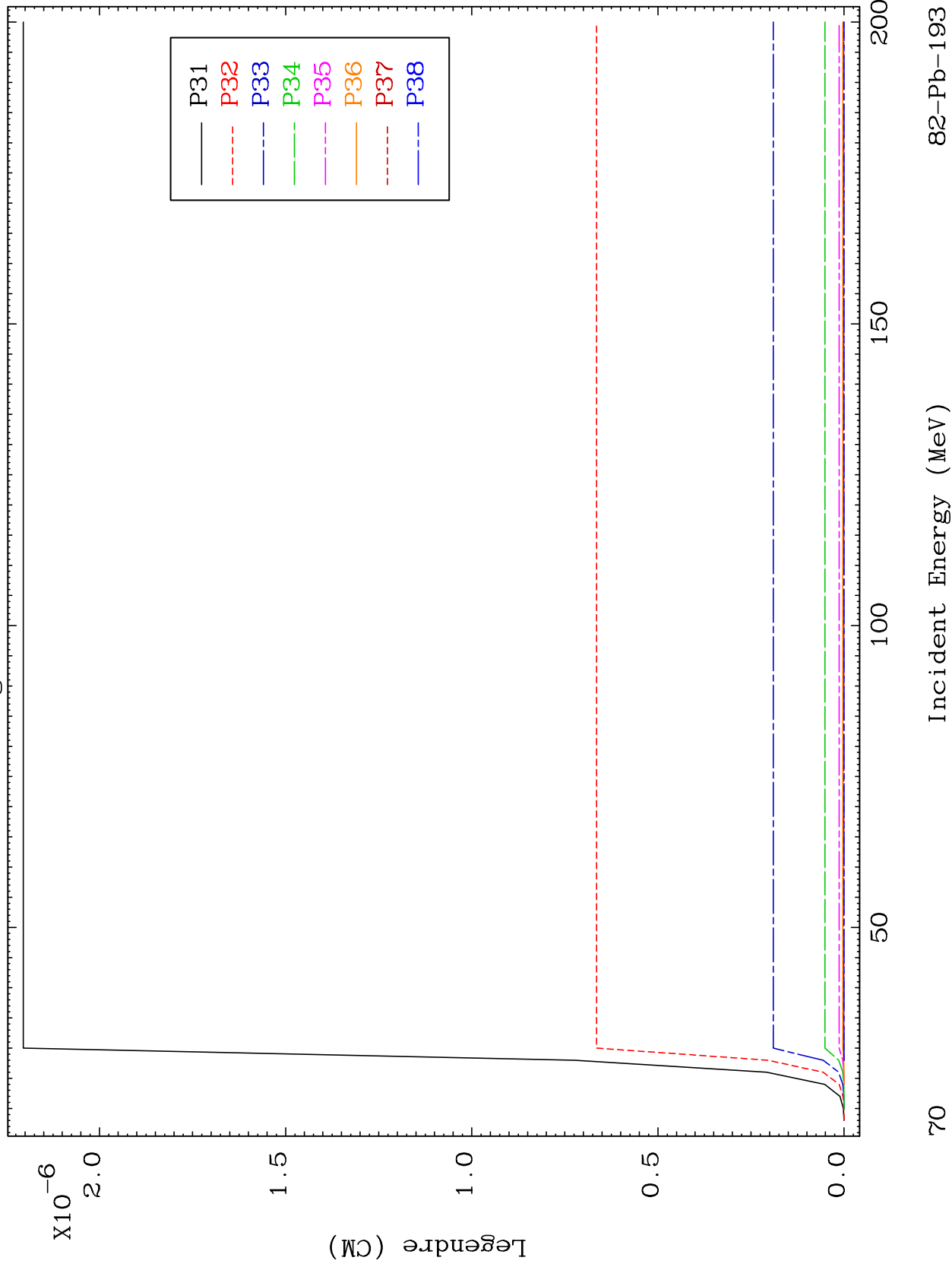
82-Pb-193



MAT 8192

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

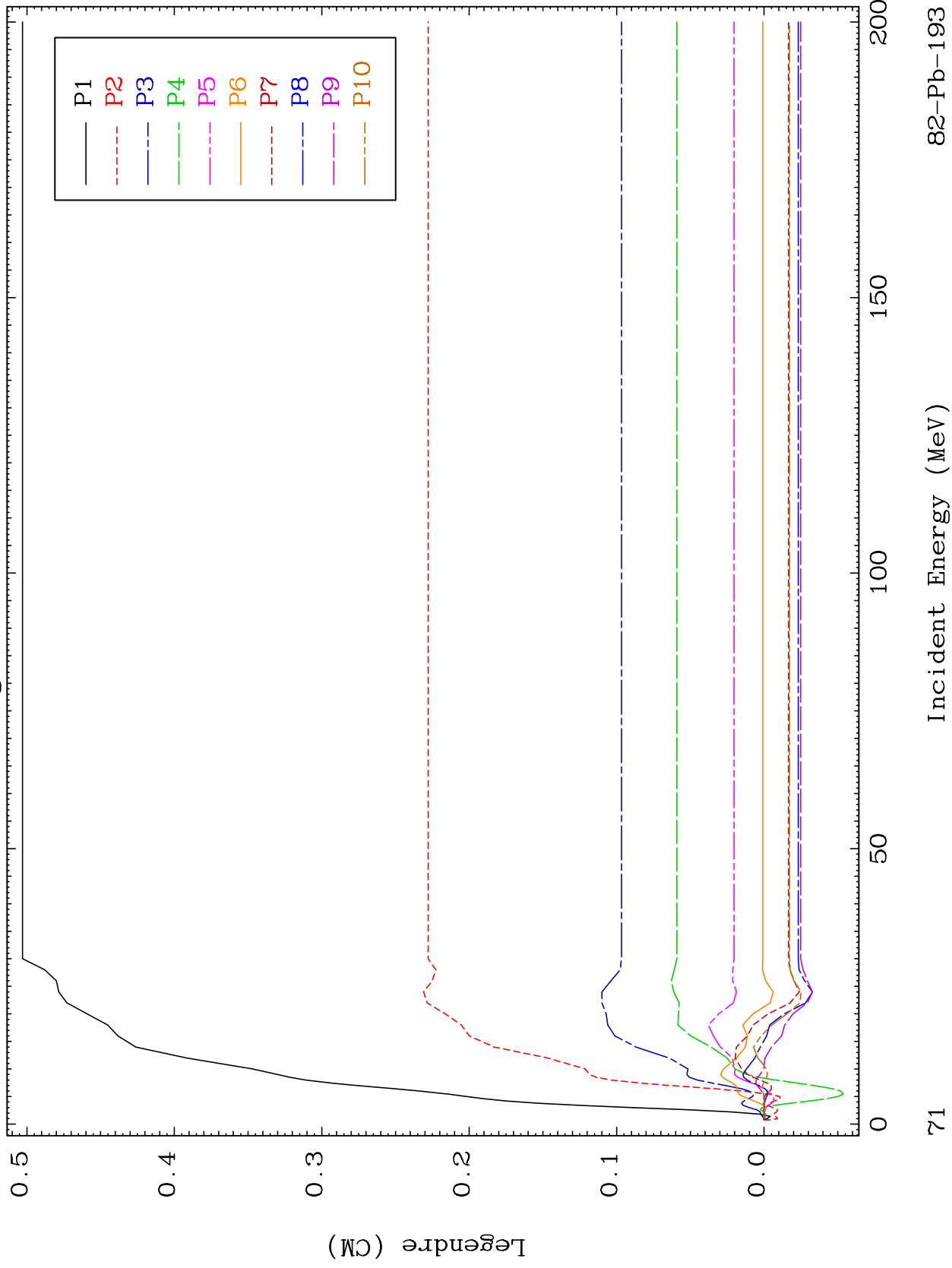
82-Pb-193



MAT 8192

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

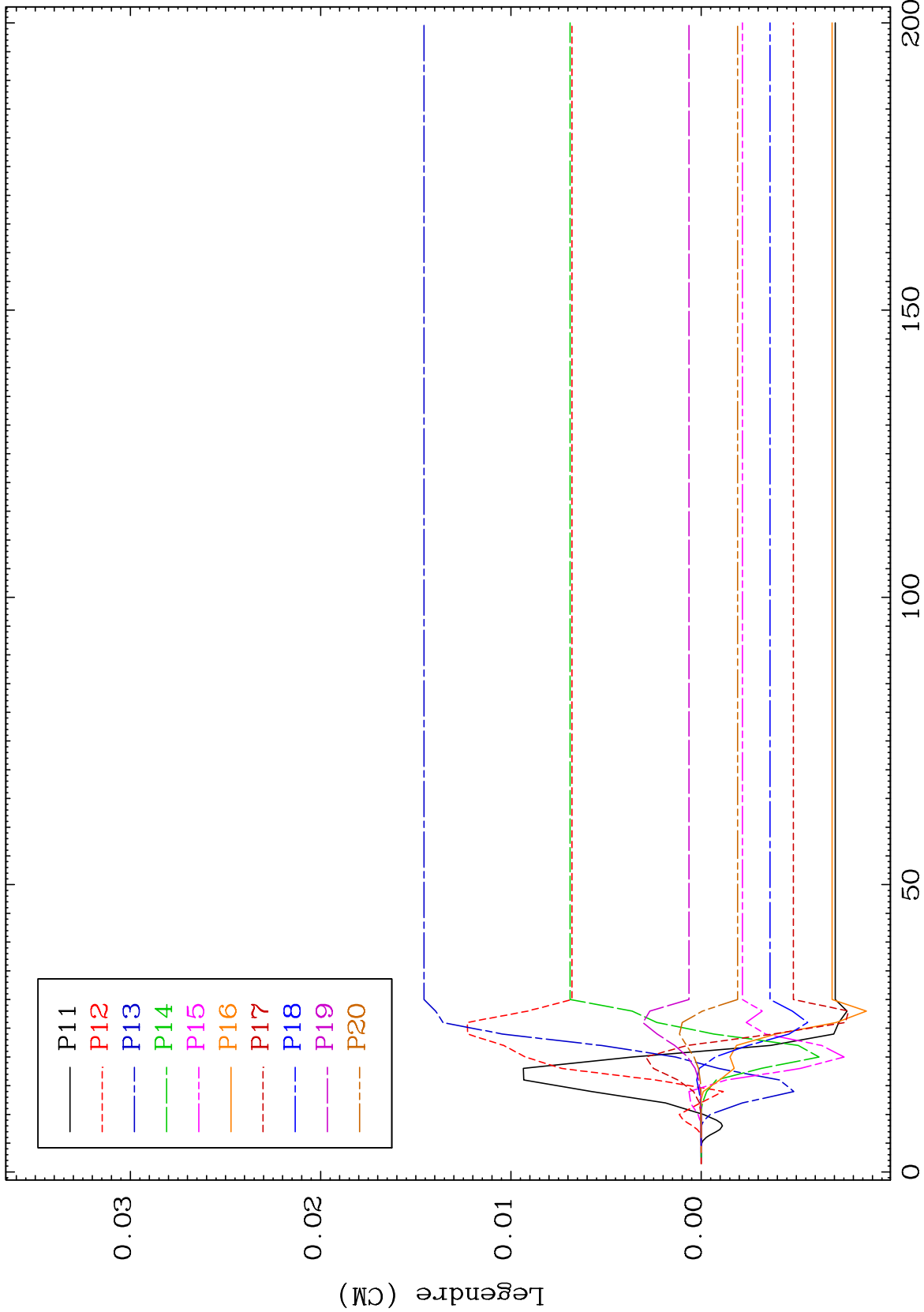
82-Pb-193



MAT 8192

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

82-Pb-193



72

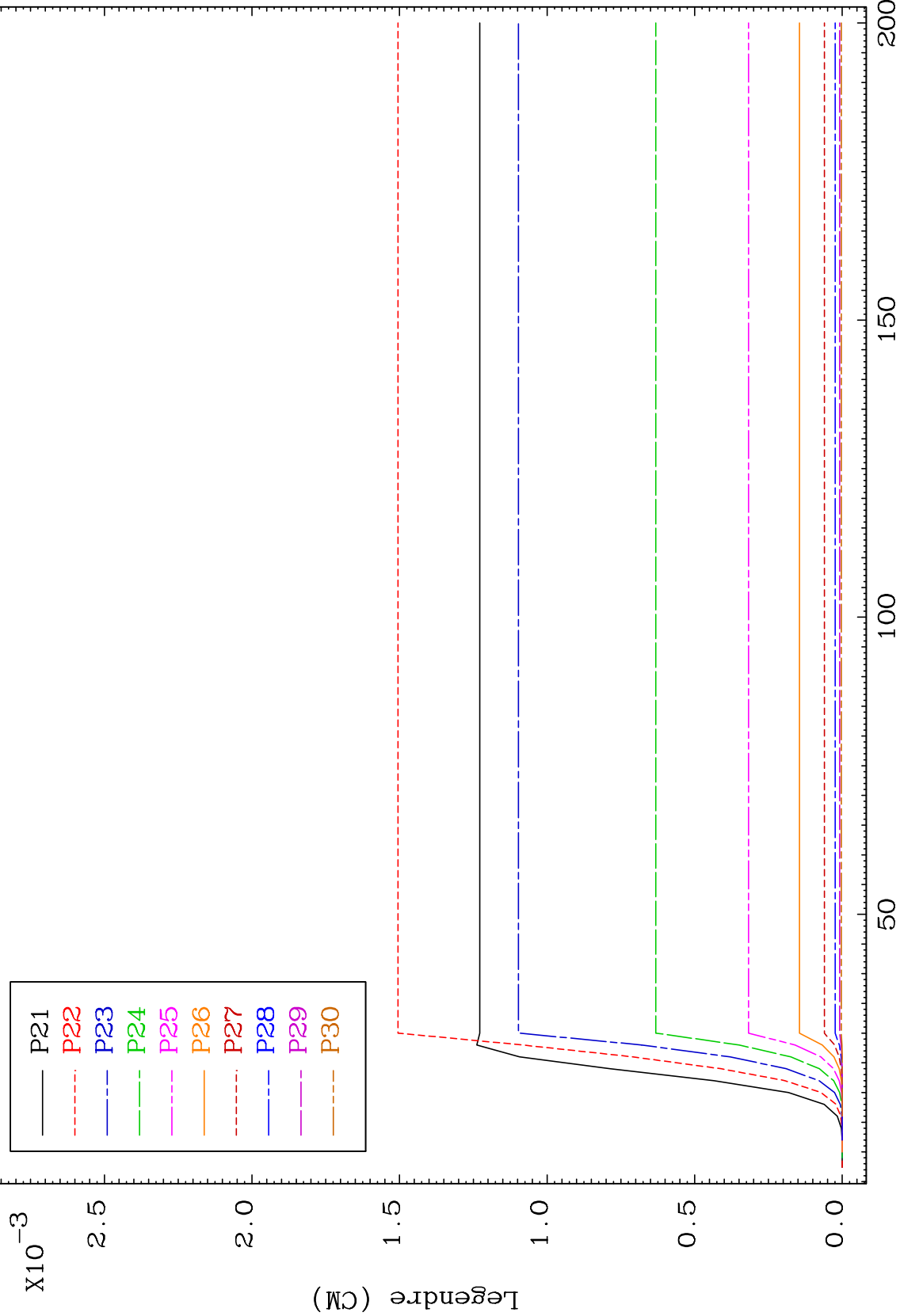
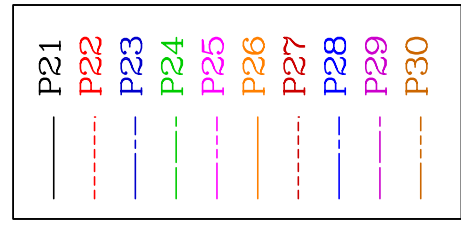
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



73

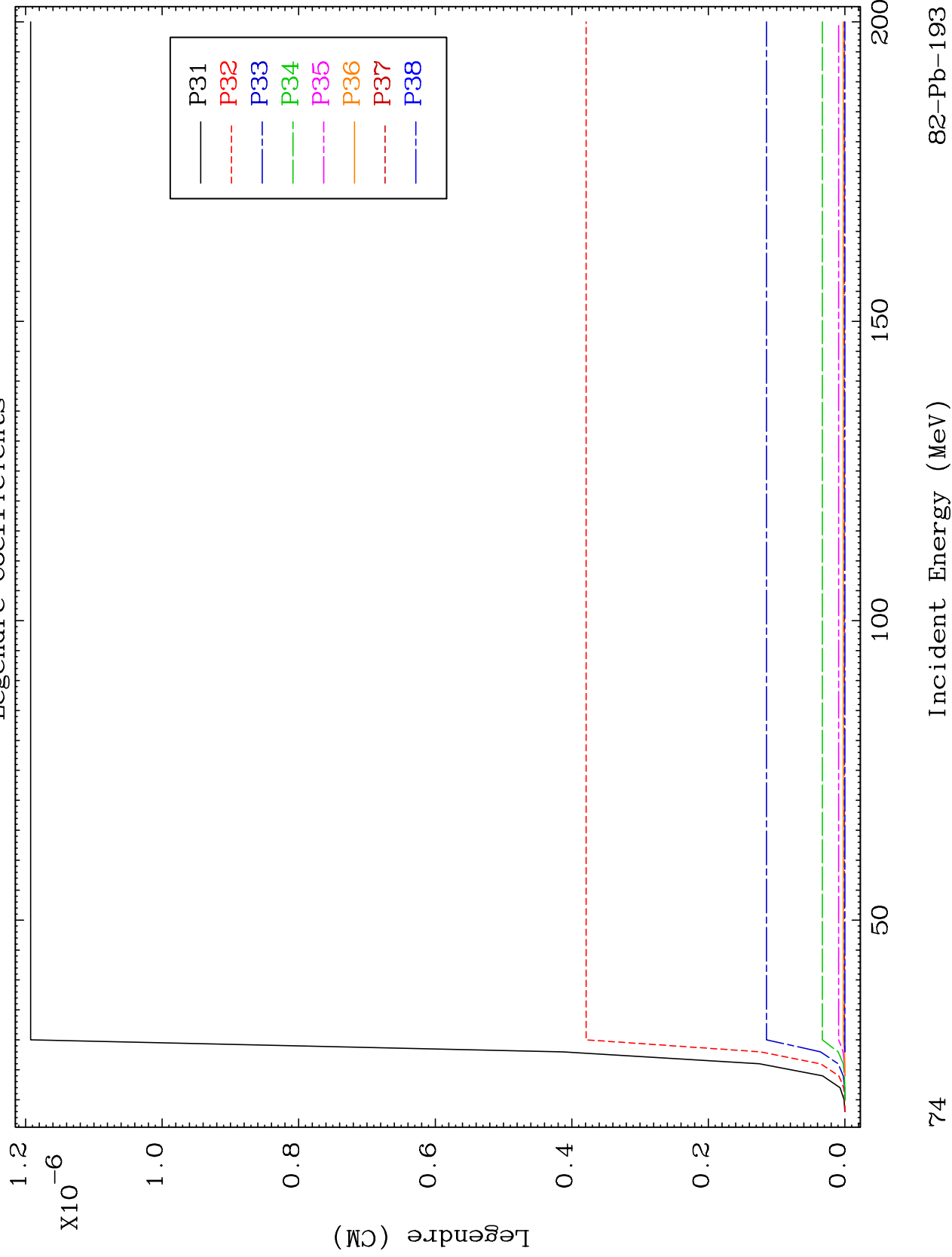
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



74

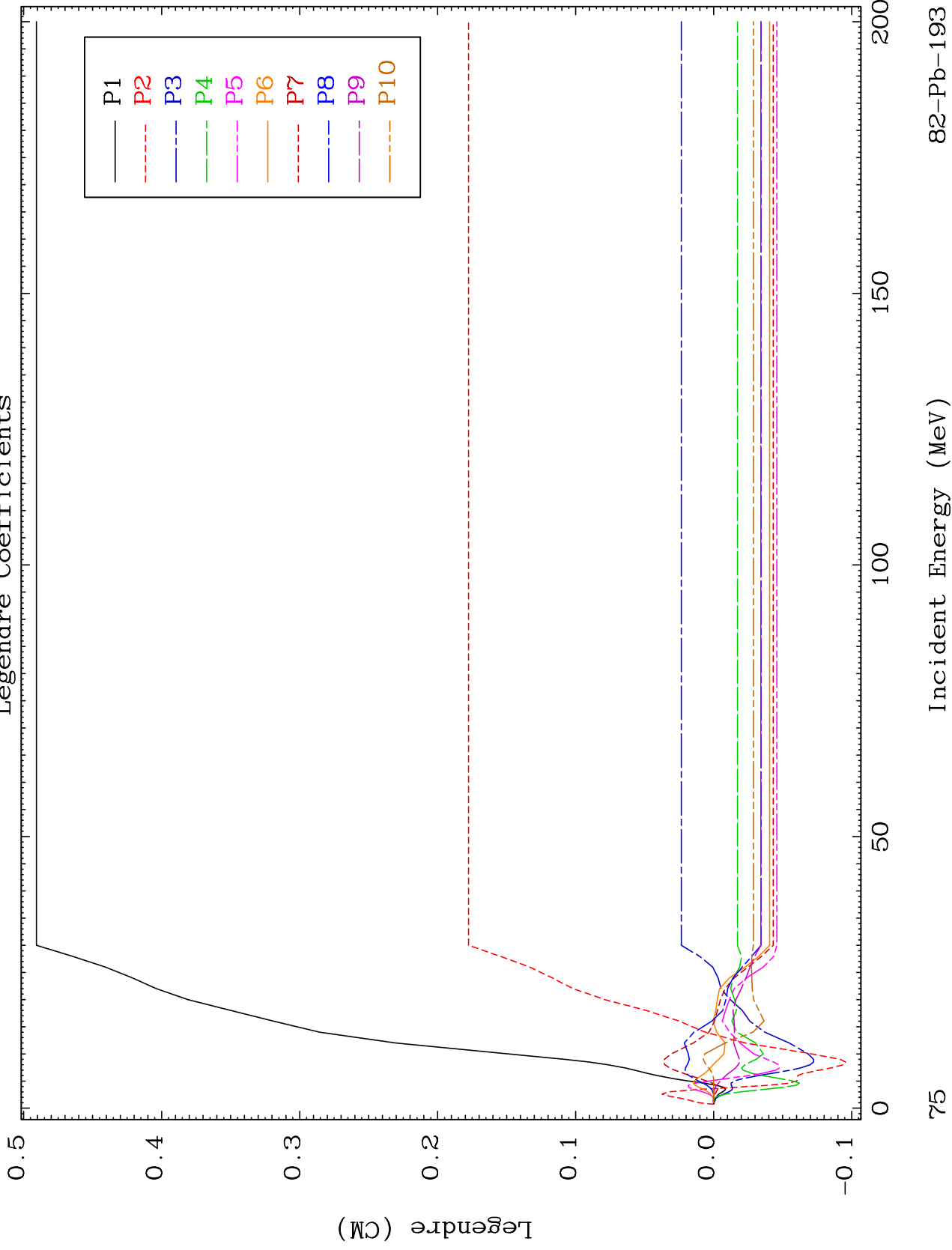
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

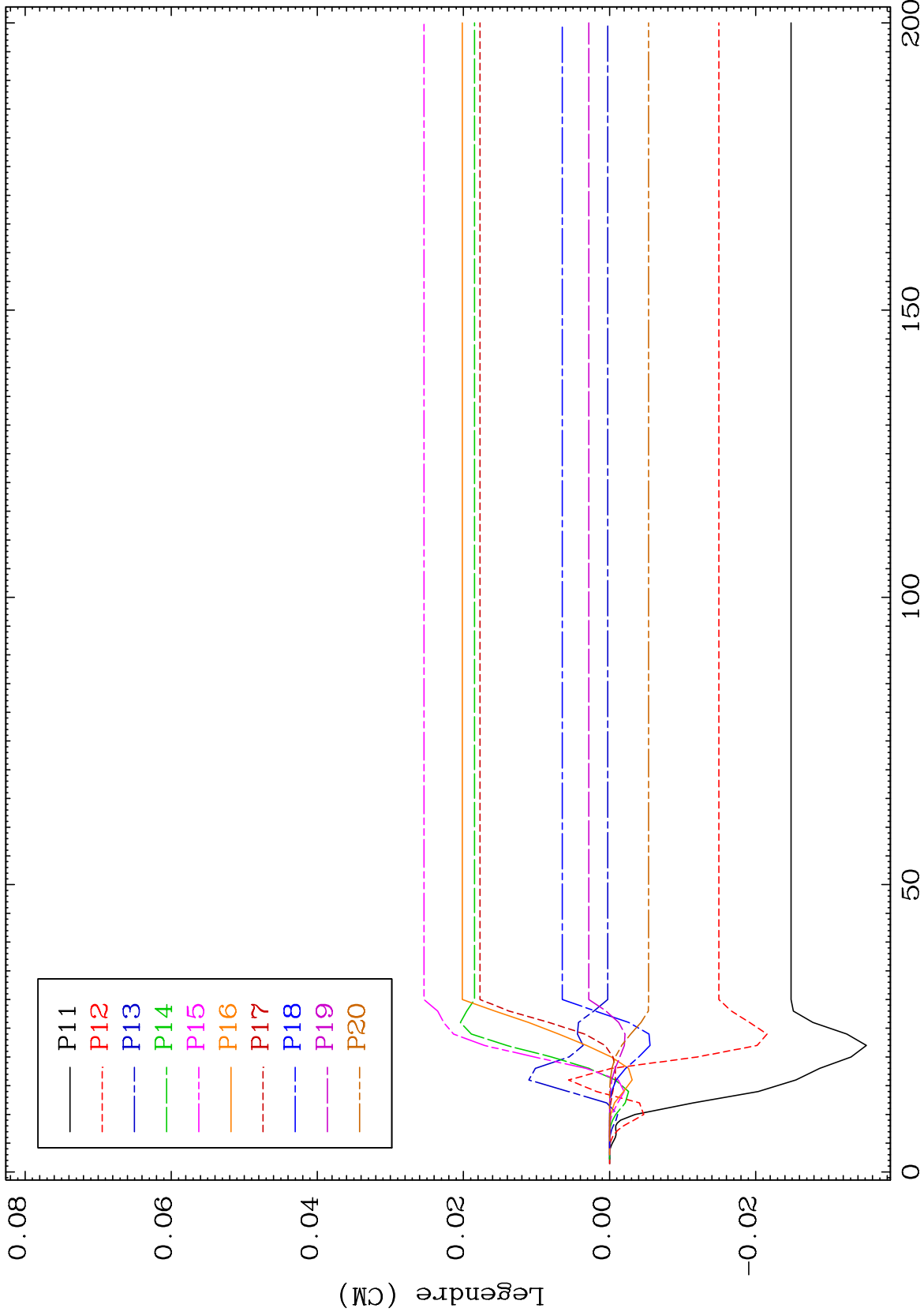
Incident Energy (MeV)

75

MAT 8192

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

82-Pb-193



76

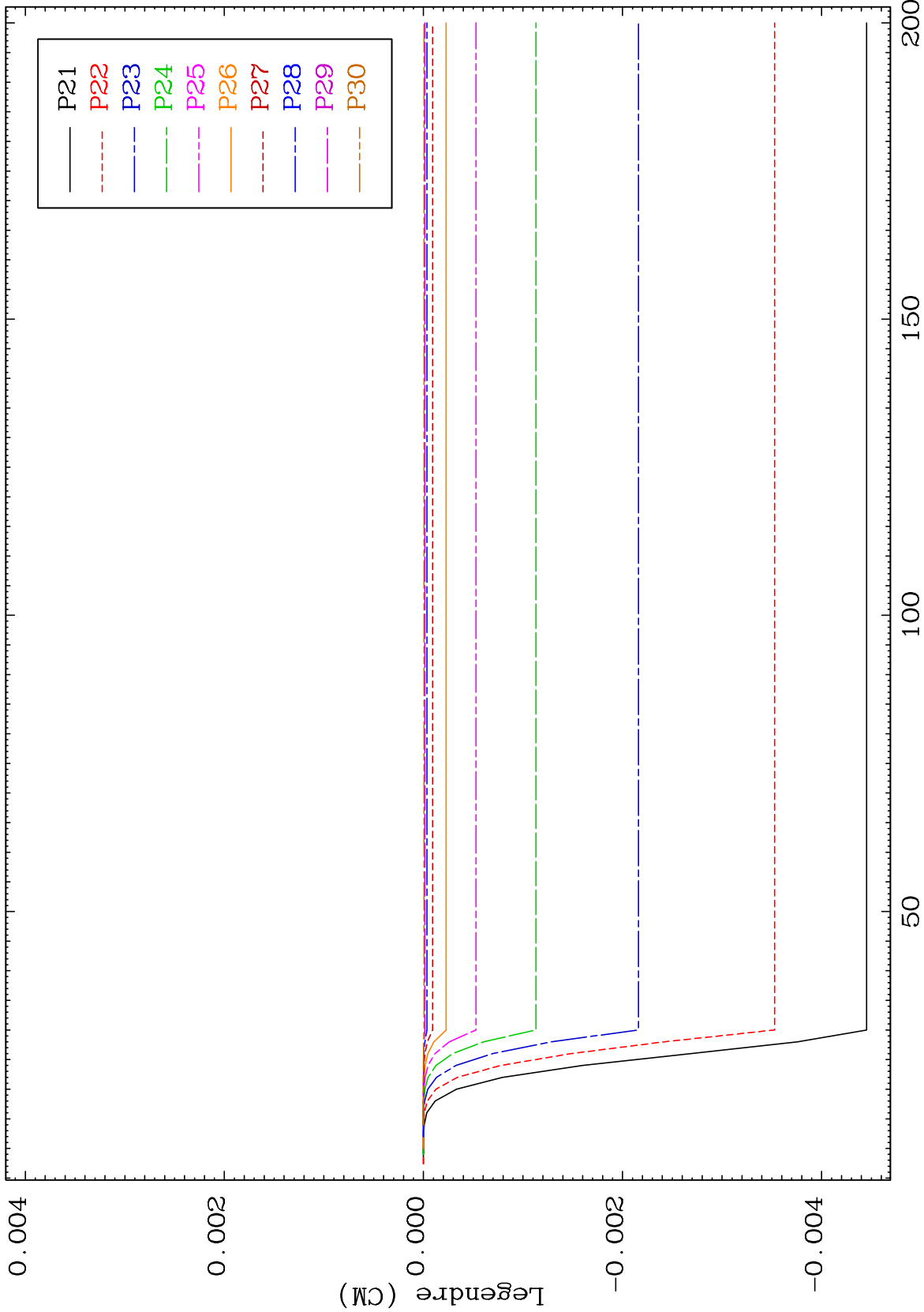
Incident Energy (MeV)

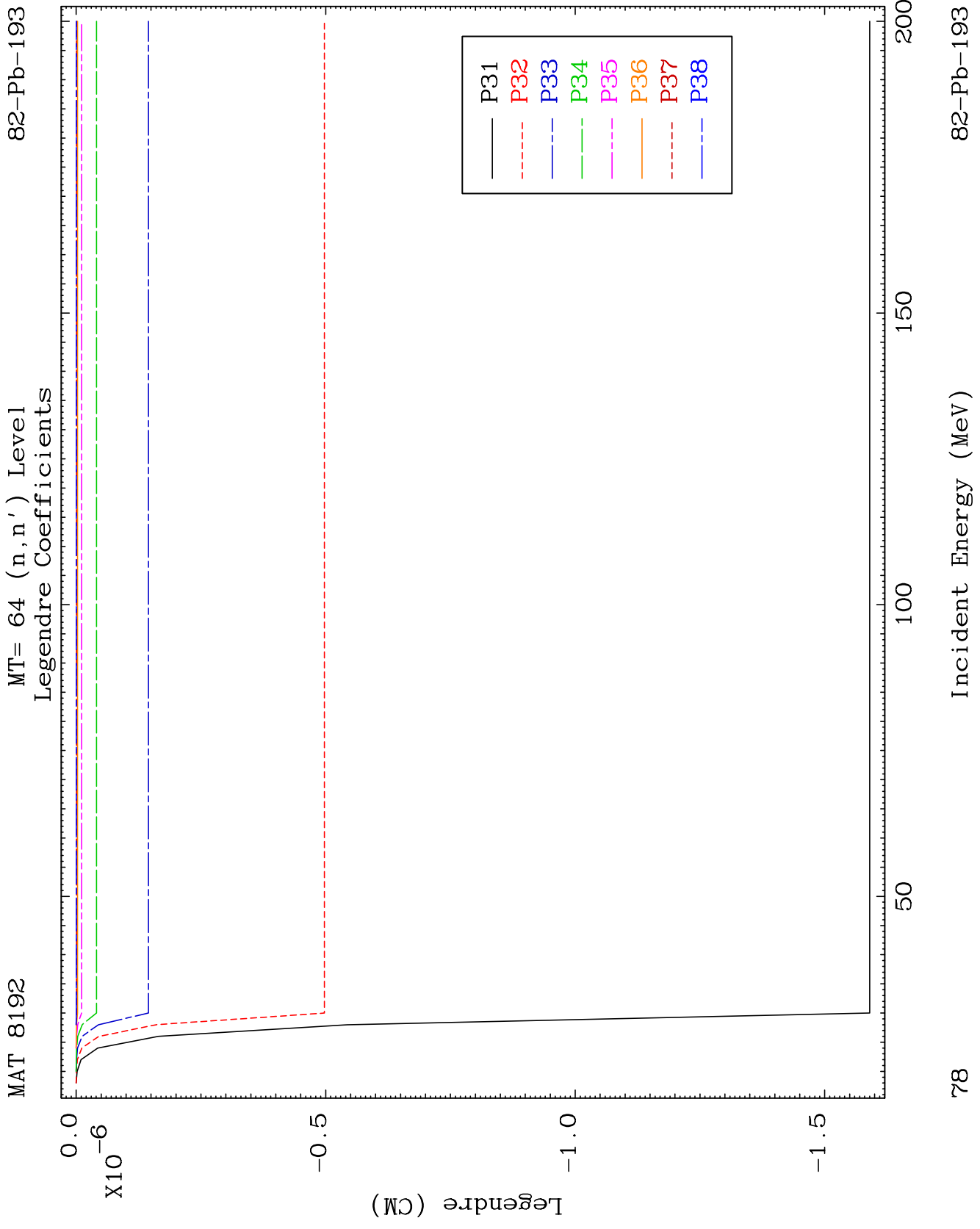
82-Pb-193

MAT 8192

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

82-Pb-193

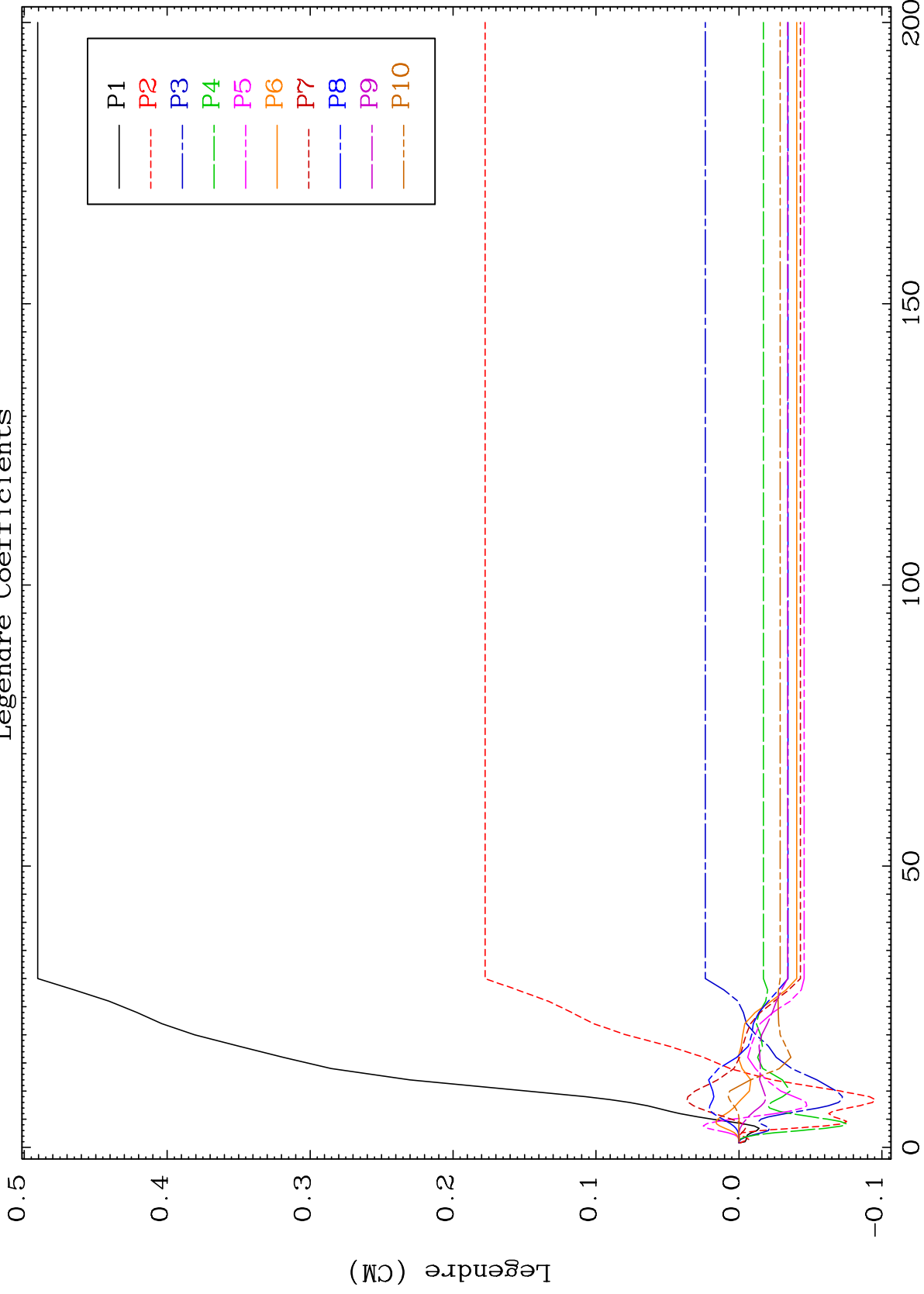




MAT 8192

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

82-Pb-193



79

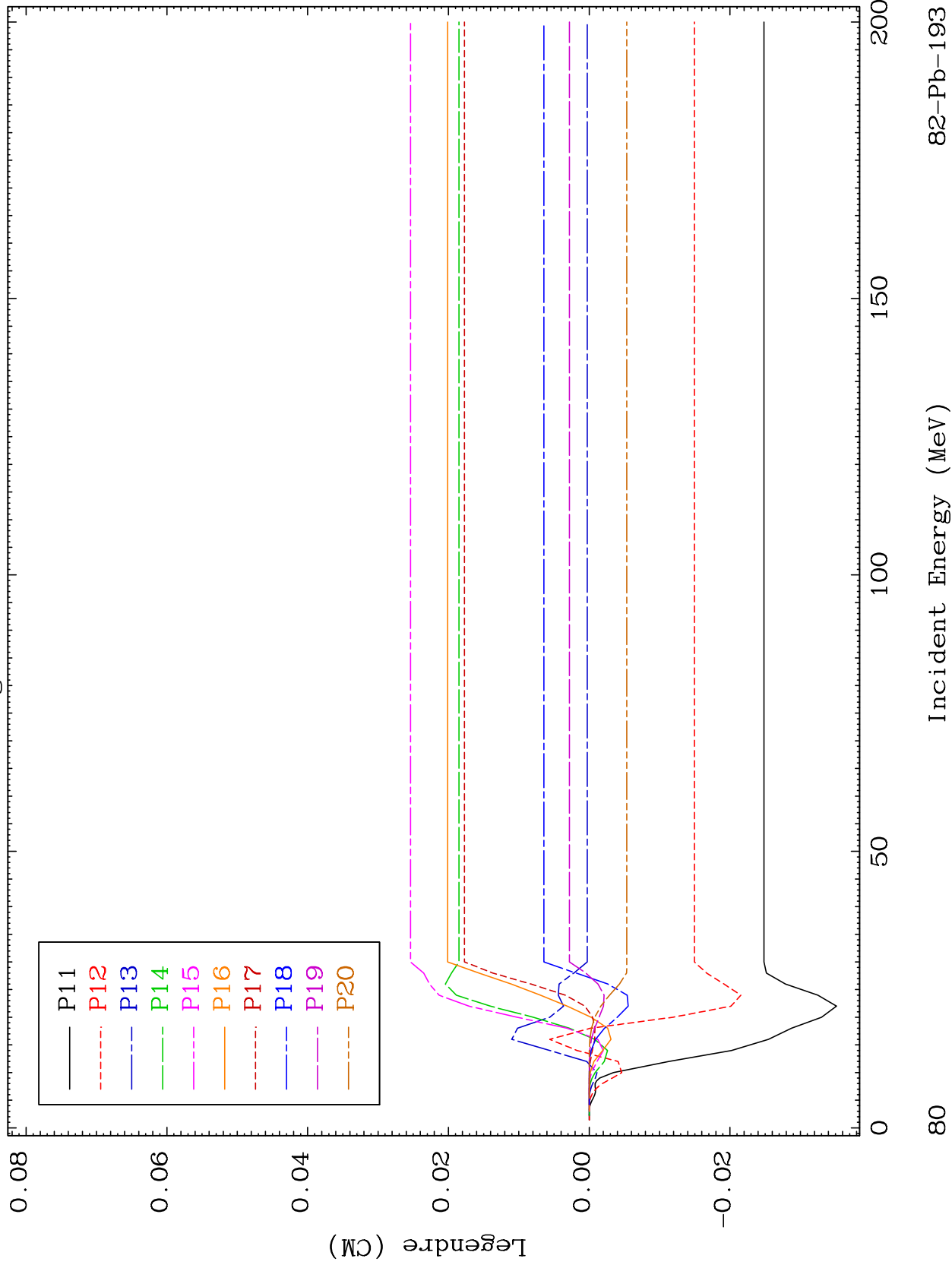
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193

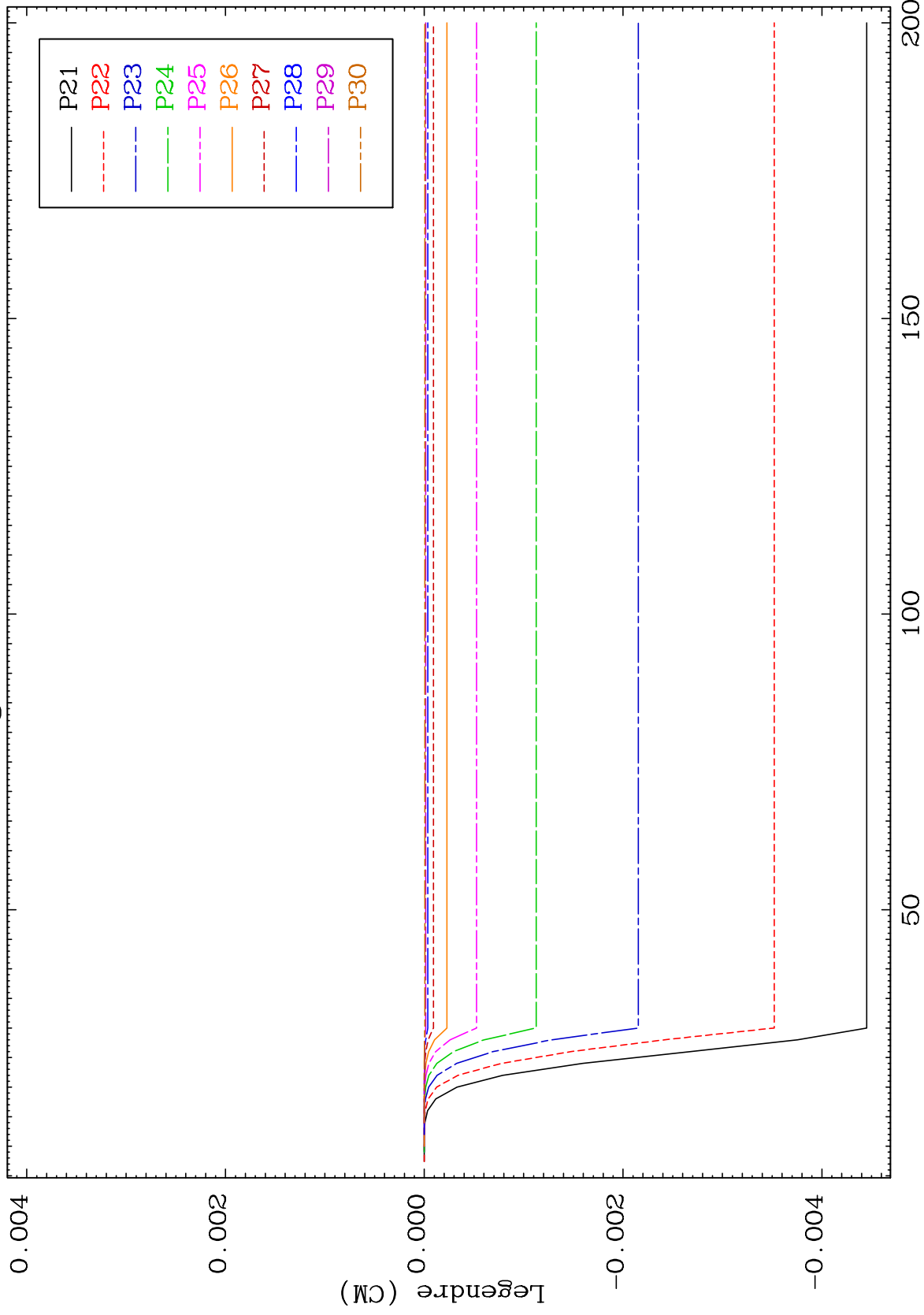


82-Pb-193

MAT 8192

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

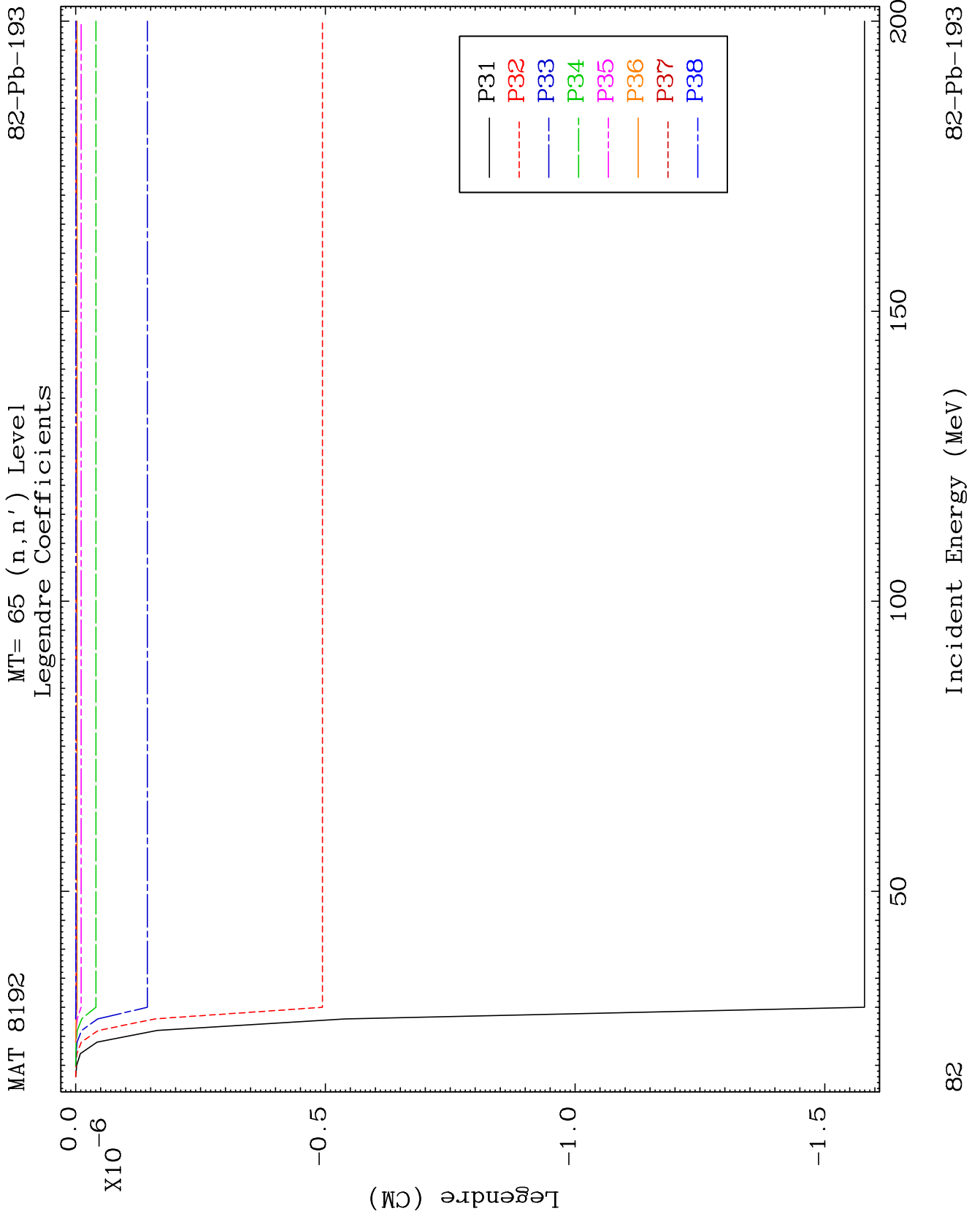
82-Pb-193

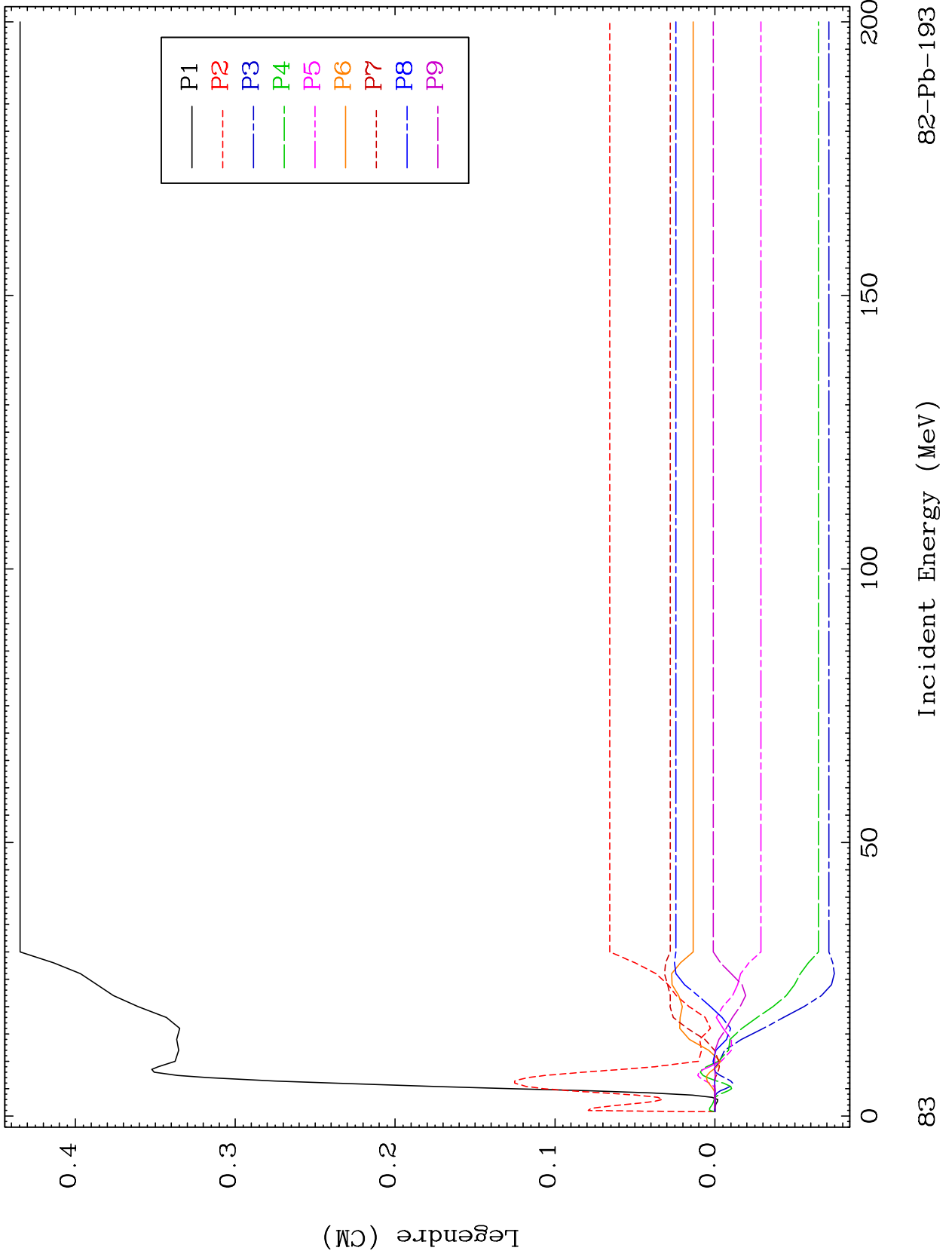


81

Incident Energy (MeV)

82-Pb-193

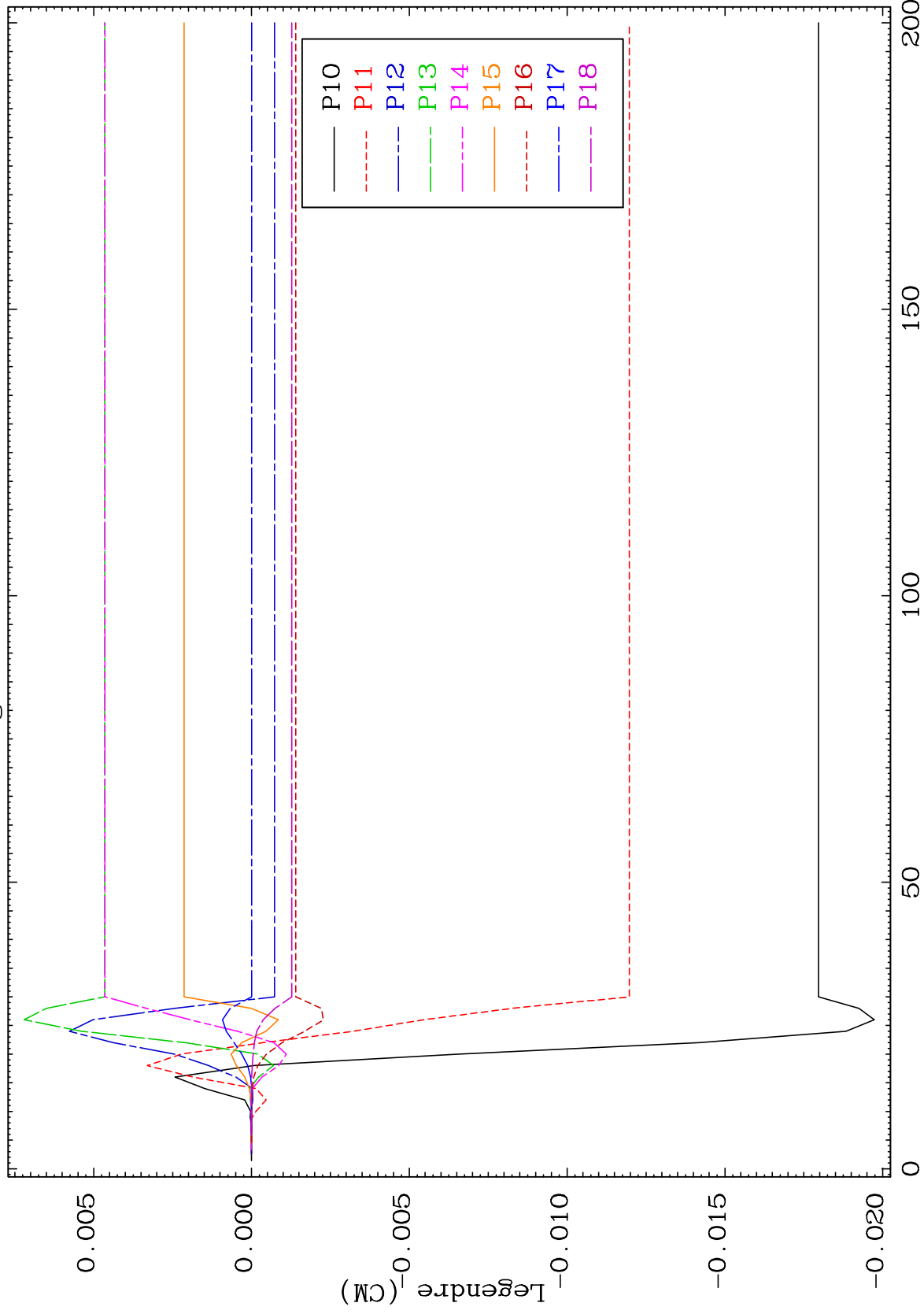




MAT 8192

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

82-Pb-193



84

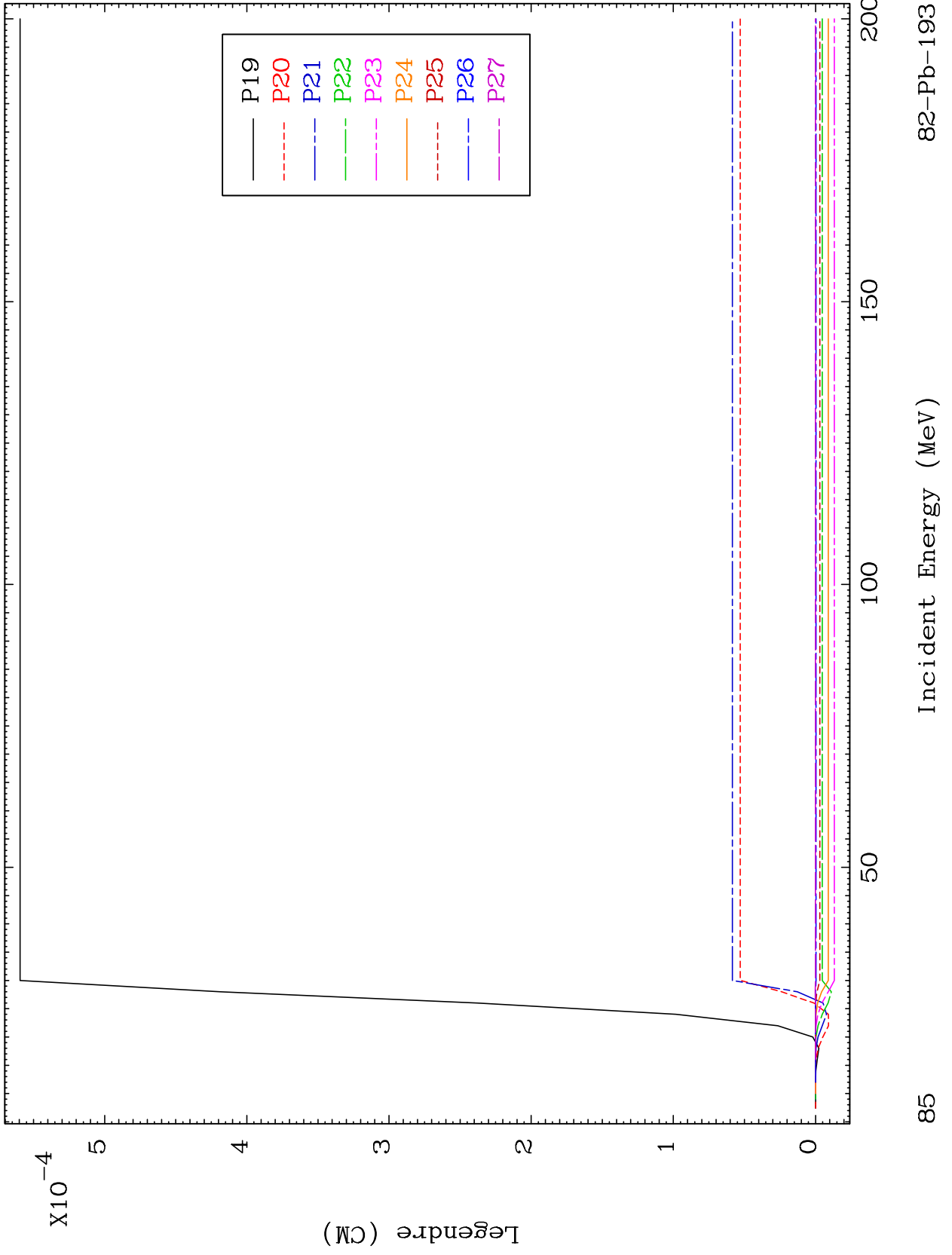
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

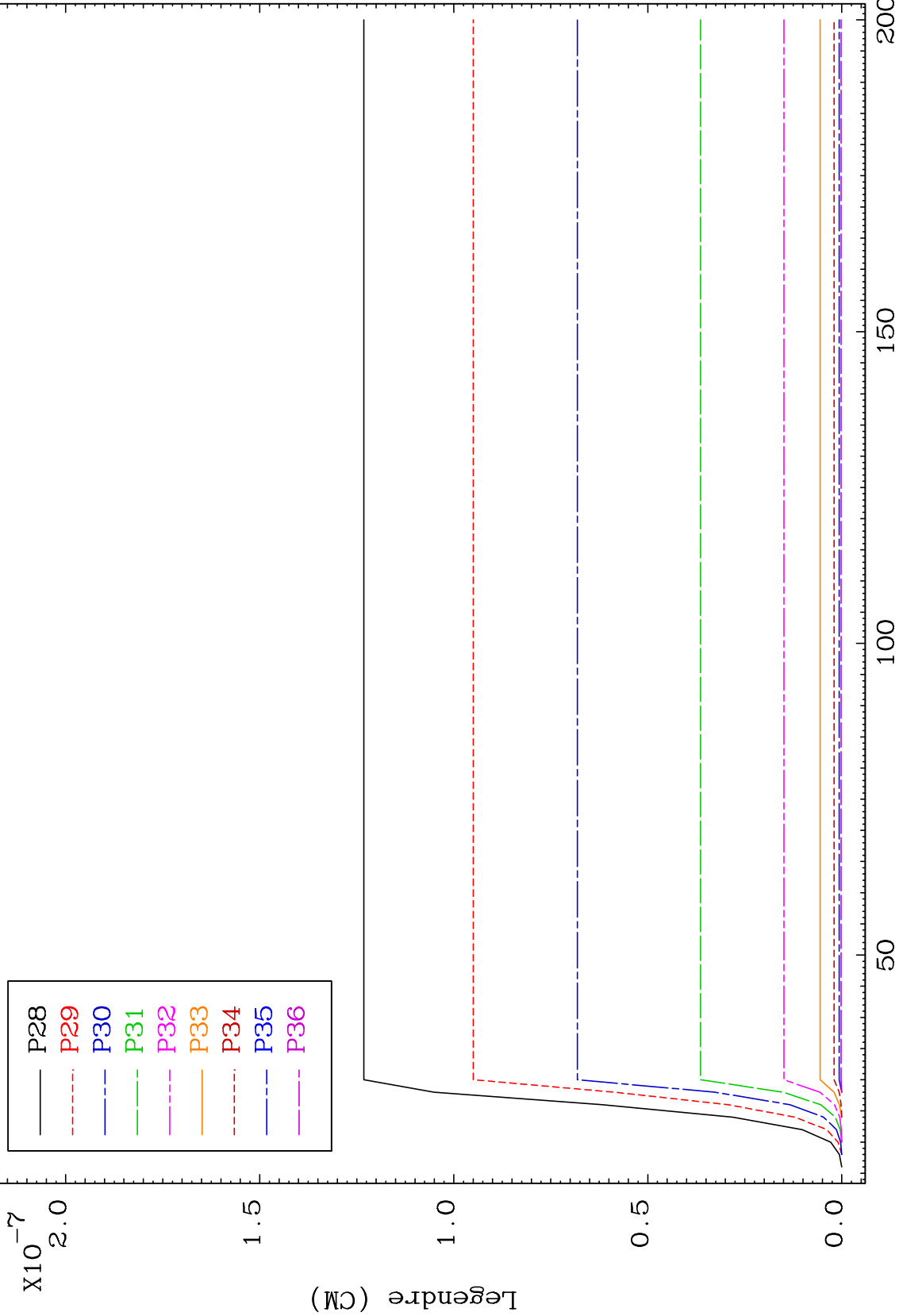
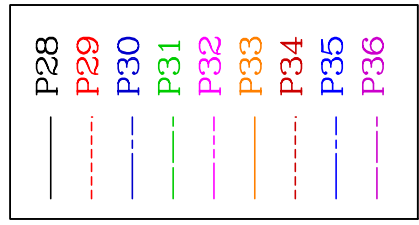
82-Pb-193



MAT 8192

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

82-Pb-193



86

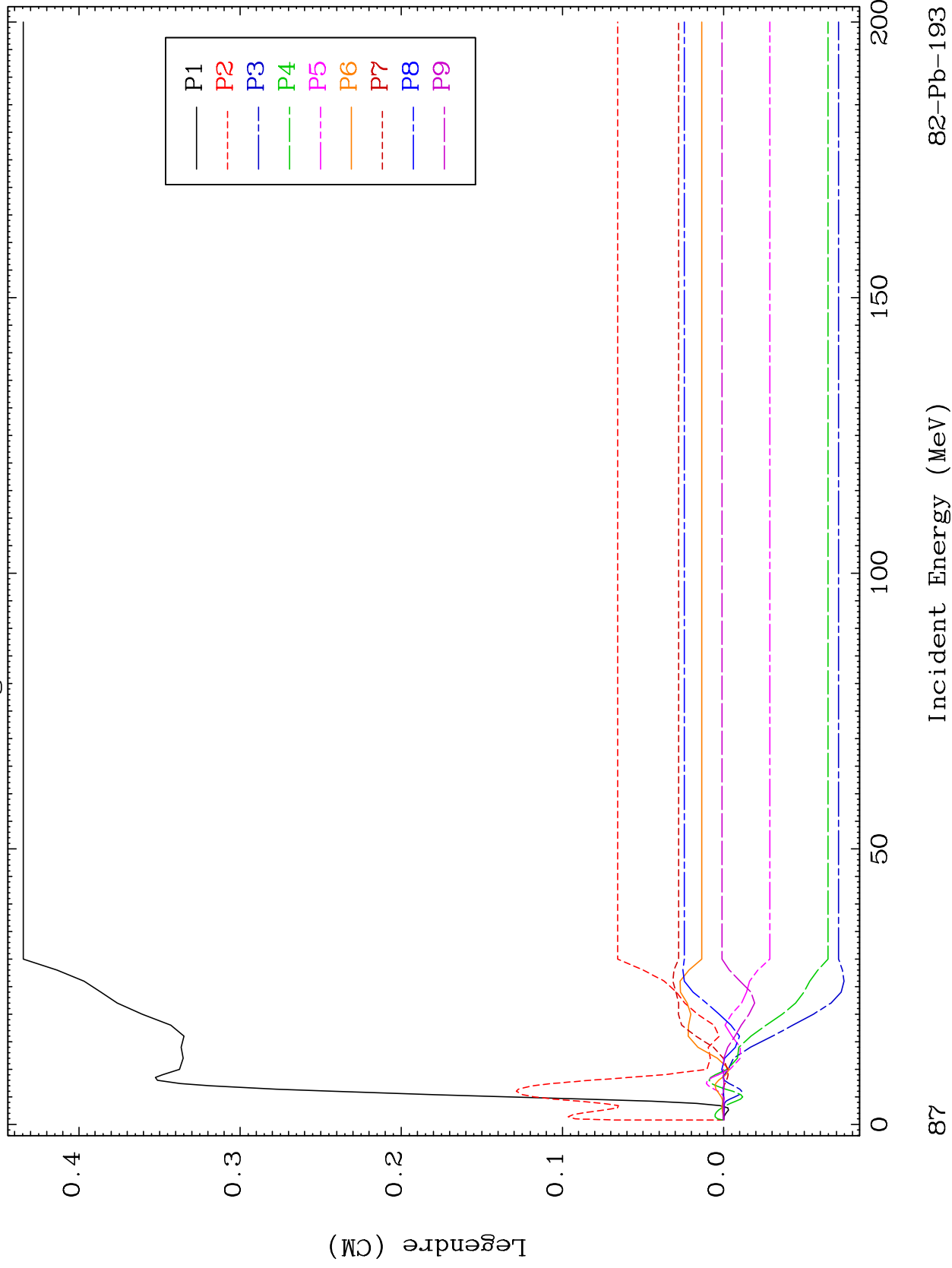
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

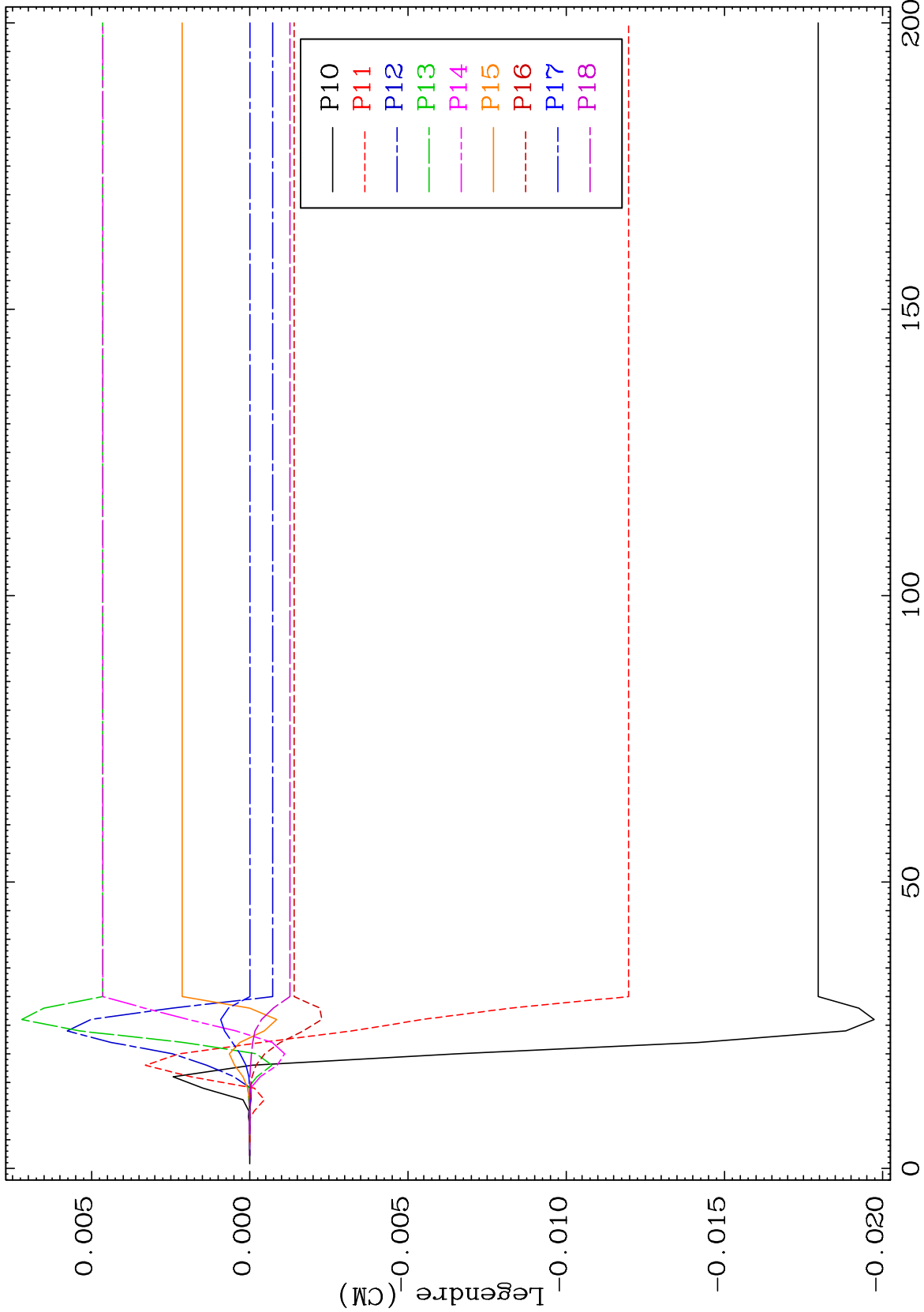
Incident Energy (MeV)

87

MAT 8192

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

82-Pb-193



88

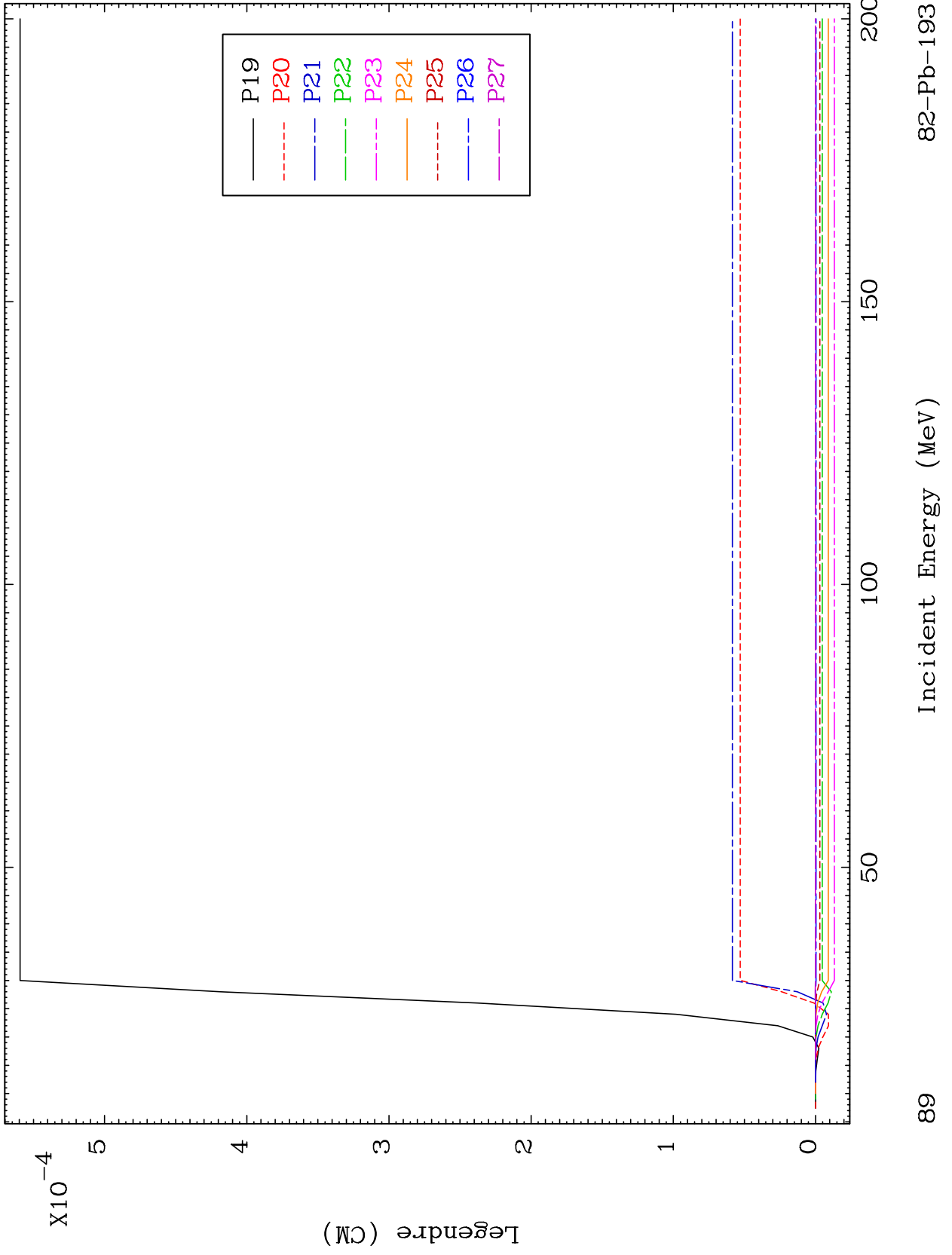
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

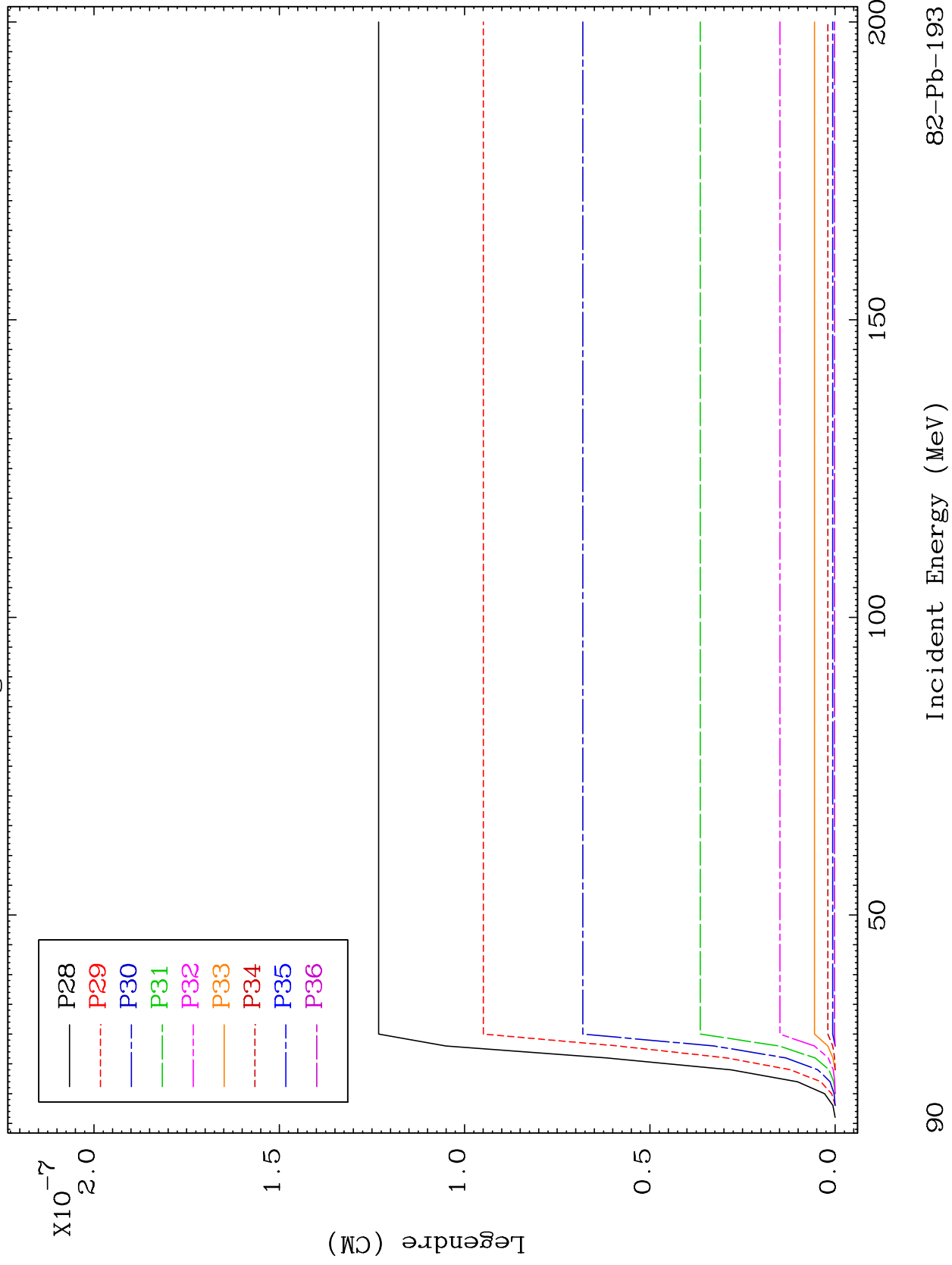
82-Pb-193



MAT 8192

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

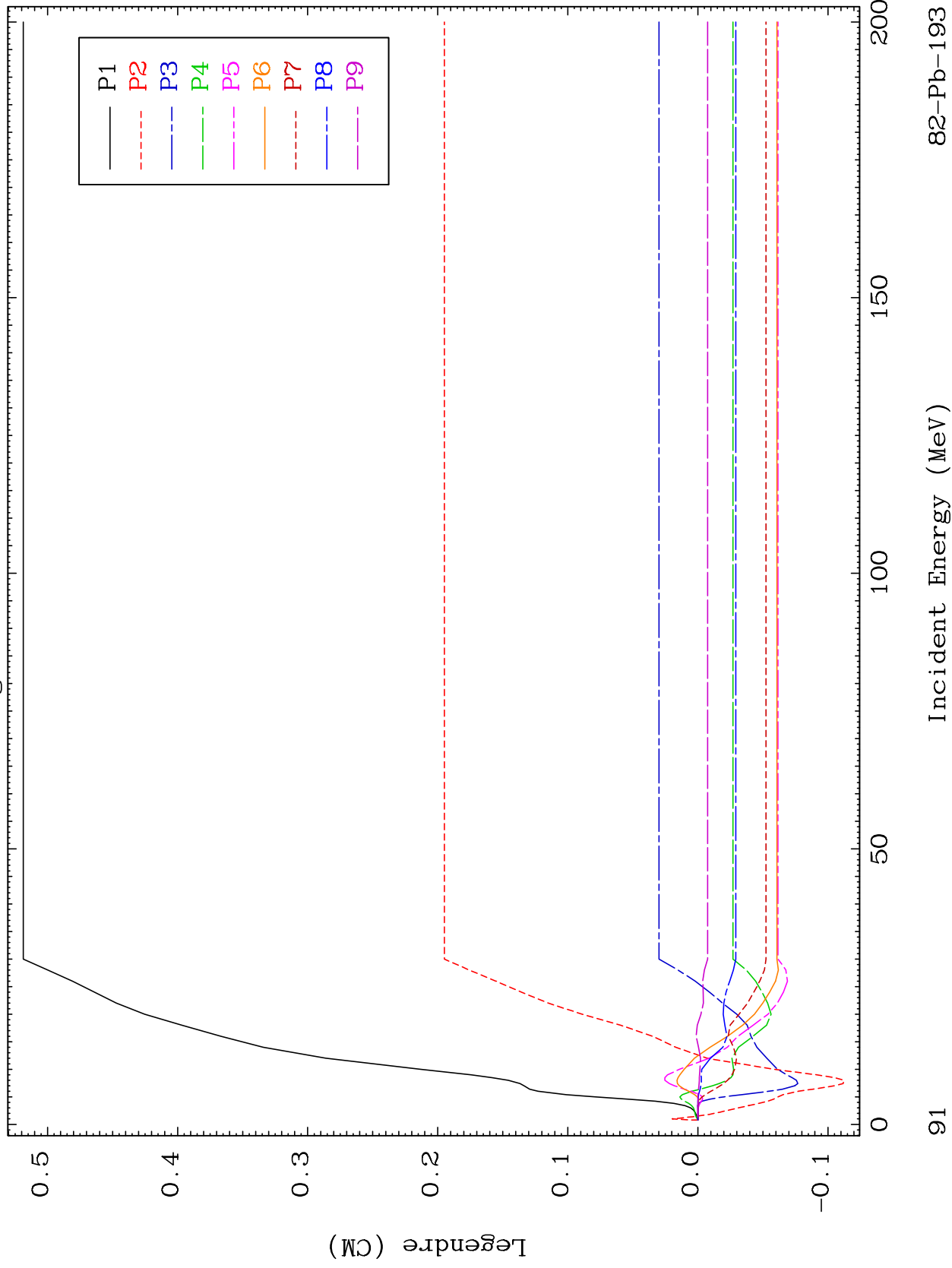
82-Pb-193



MAT 8192

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

82-Pb-193



91

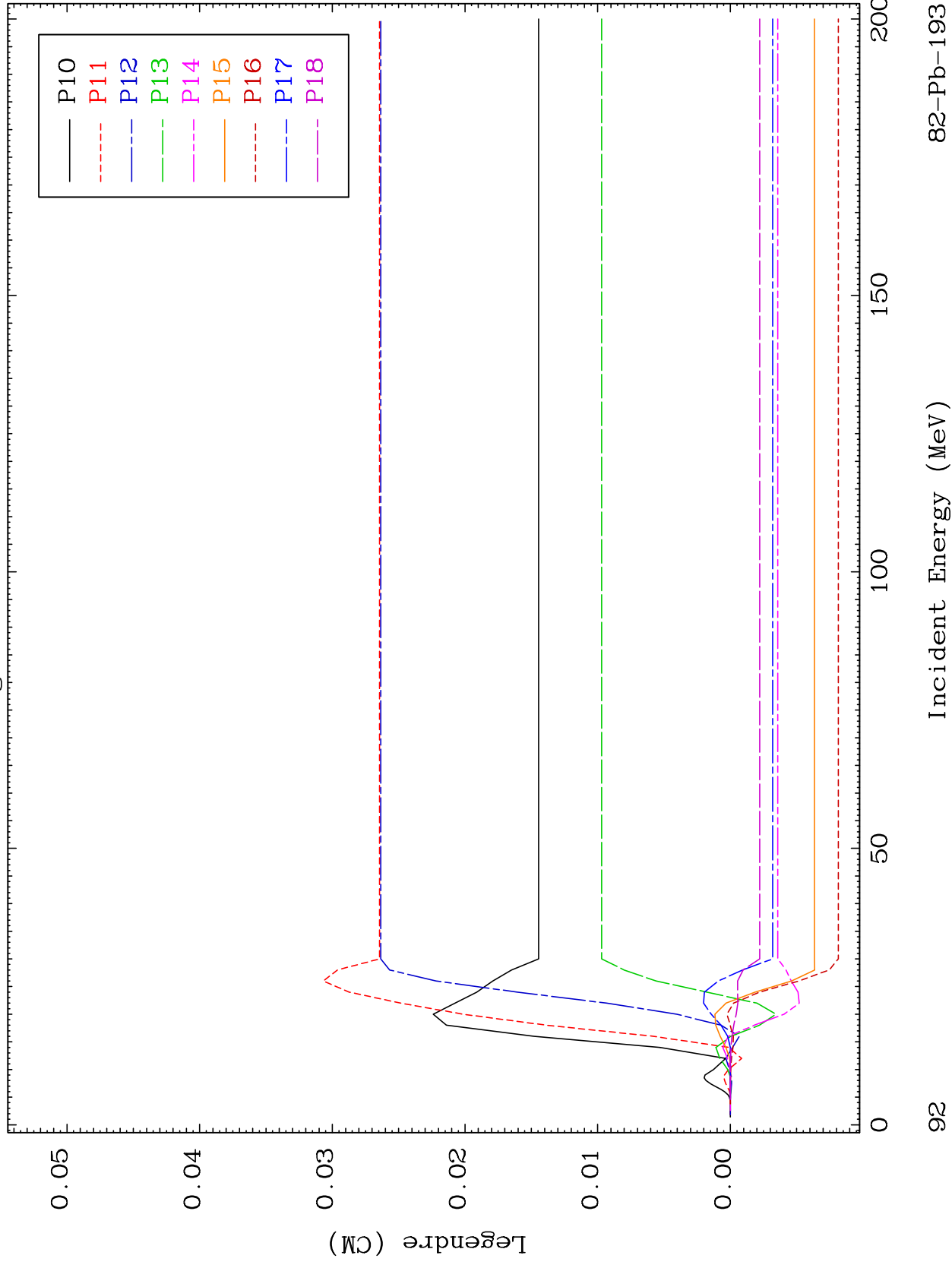
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

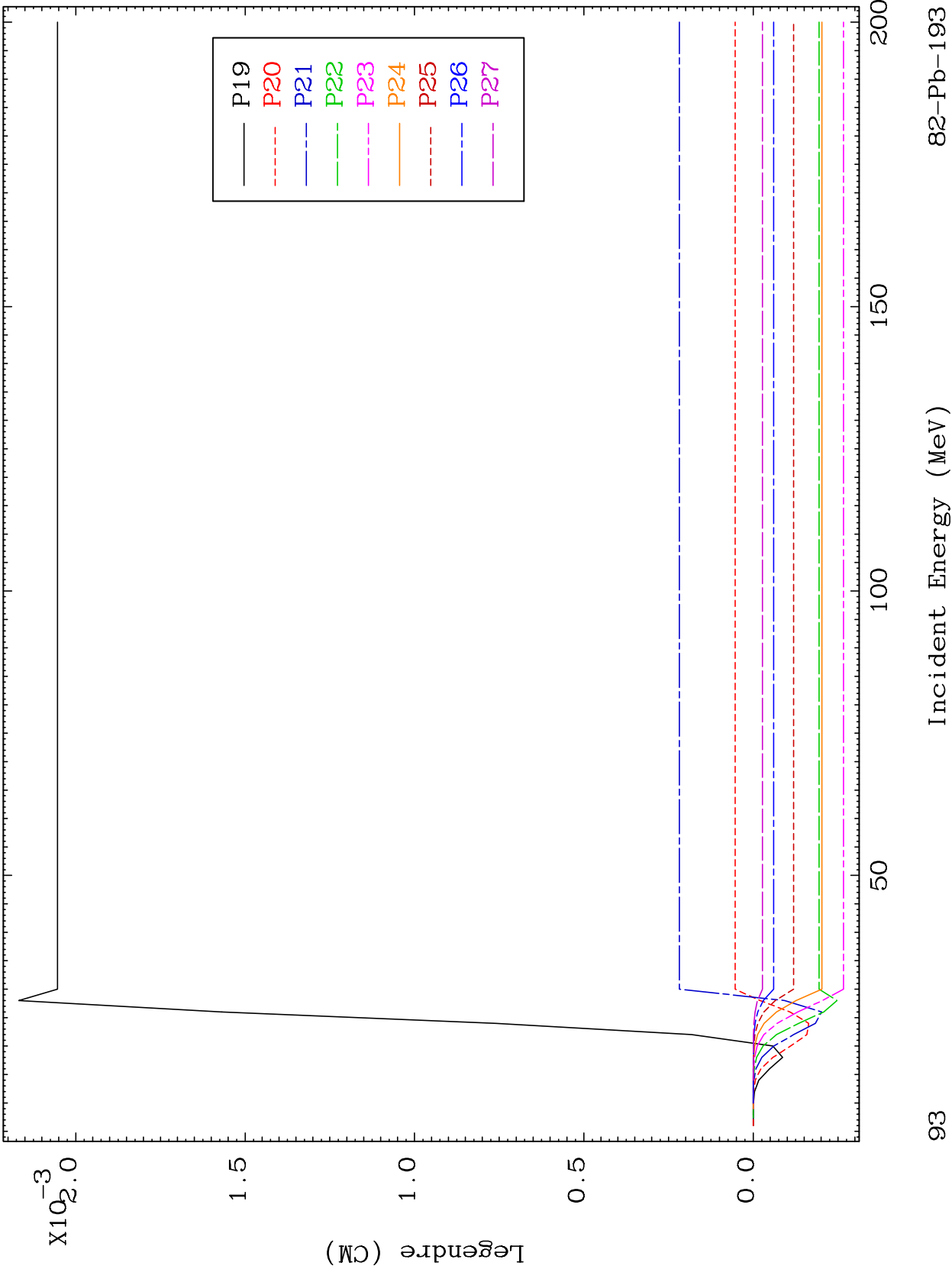
82-Pb-193



82-Pb-193

Incident Energy (MeV)

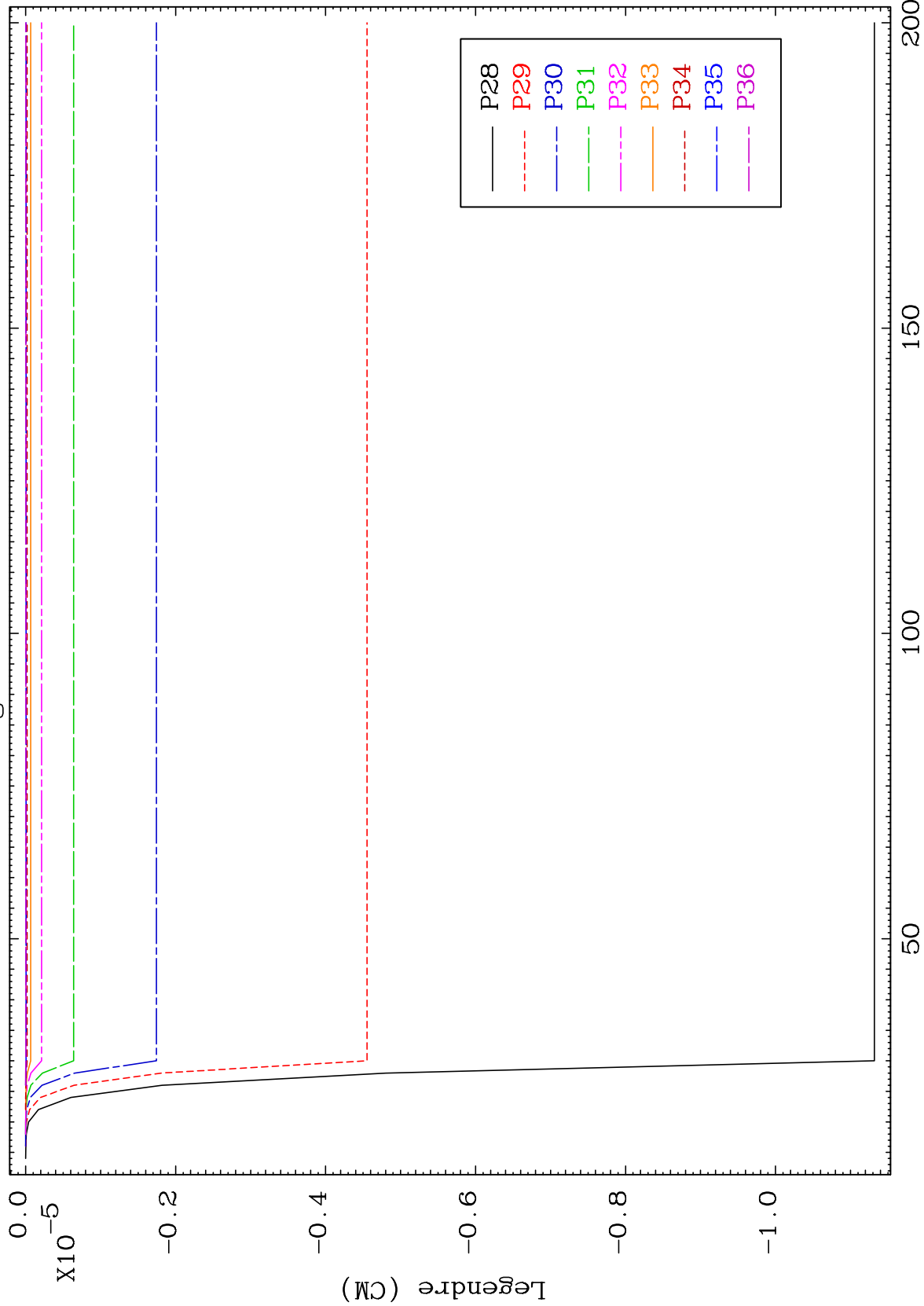
92



MAT 8192

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

82-Pb-193



94

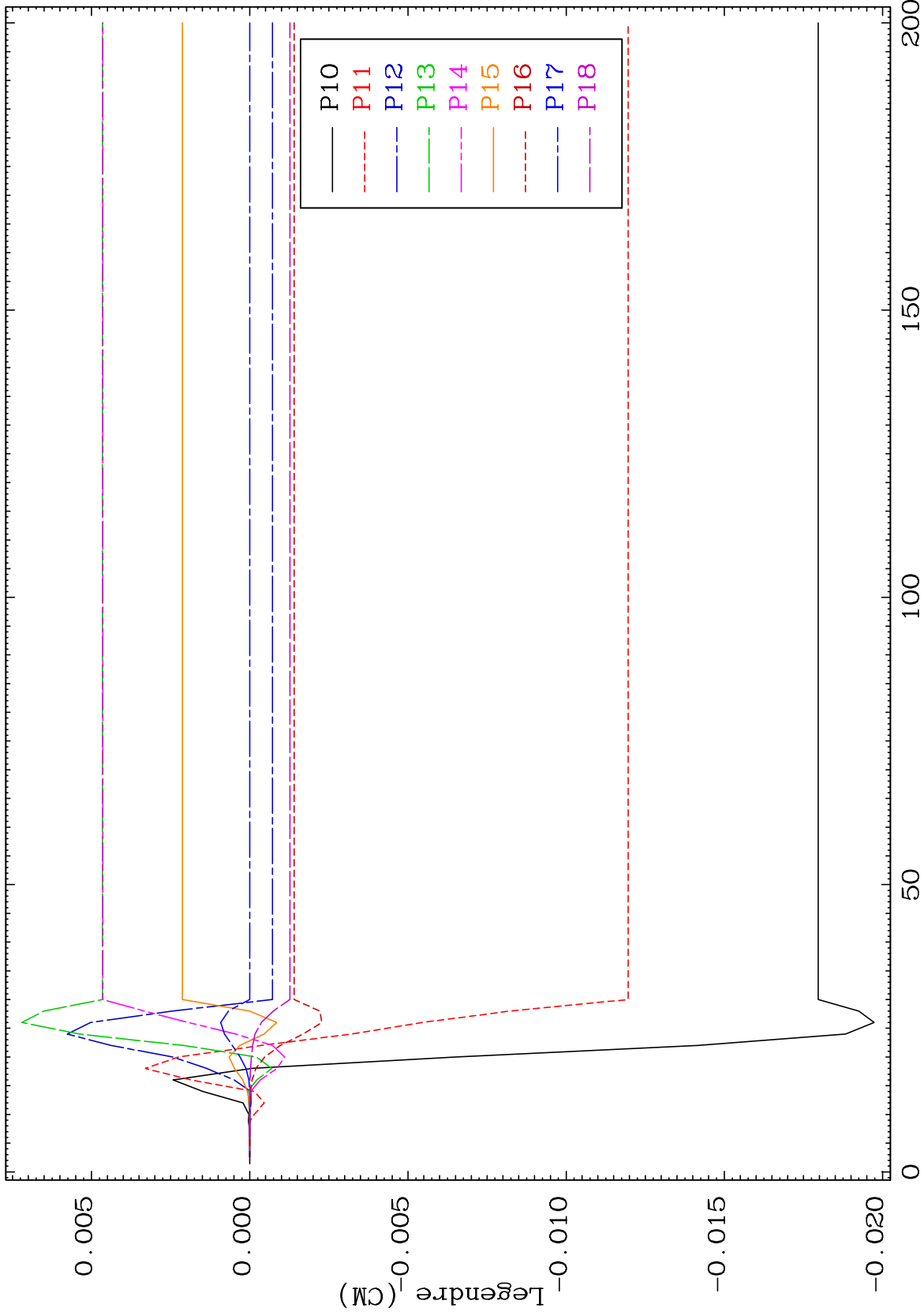
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



96

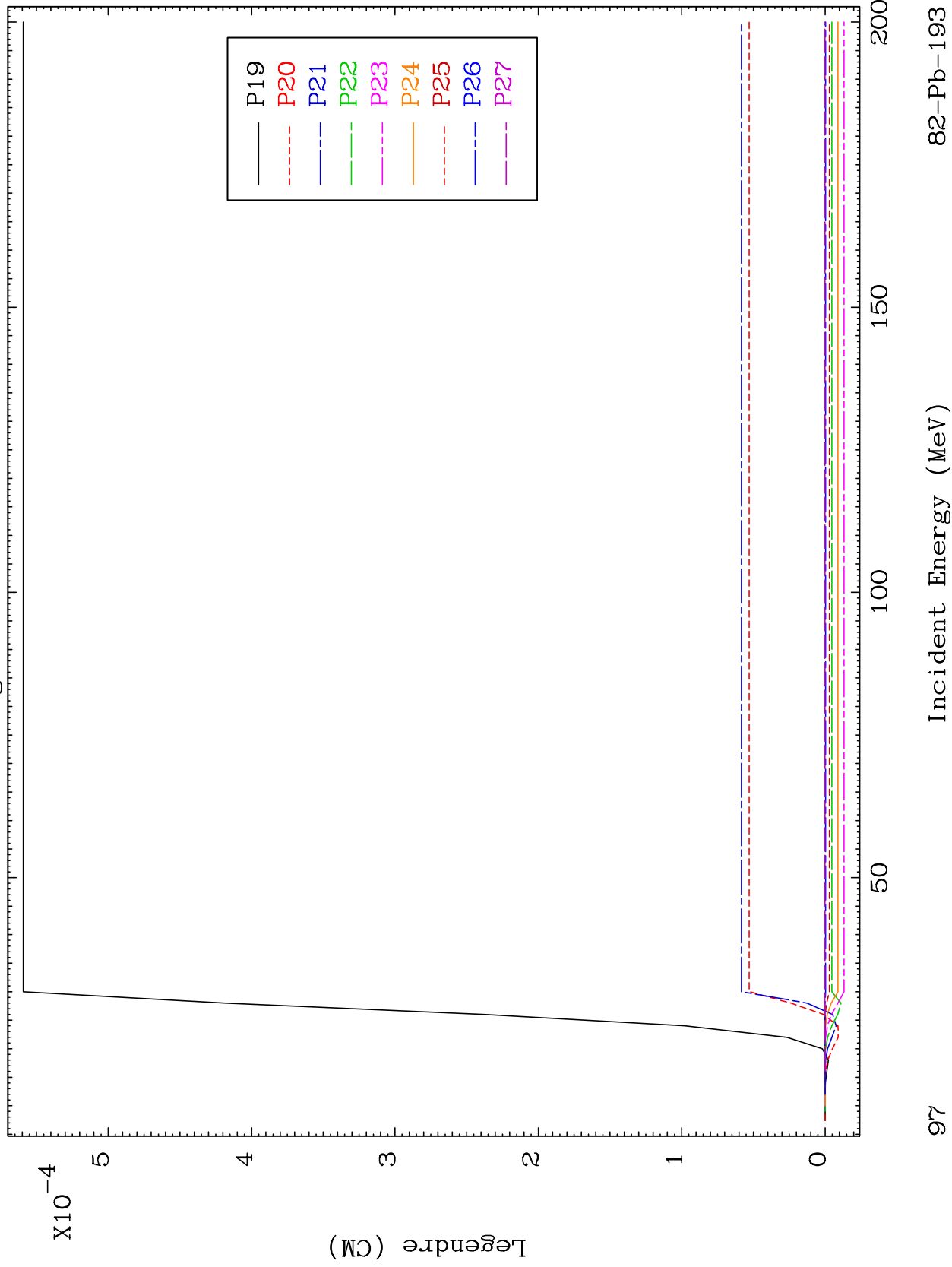
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

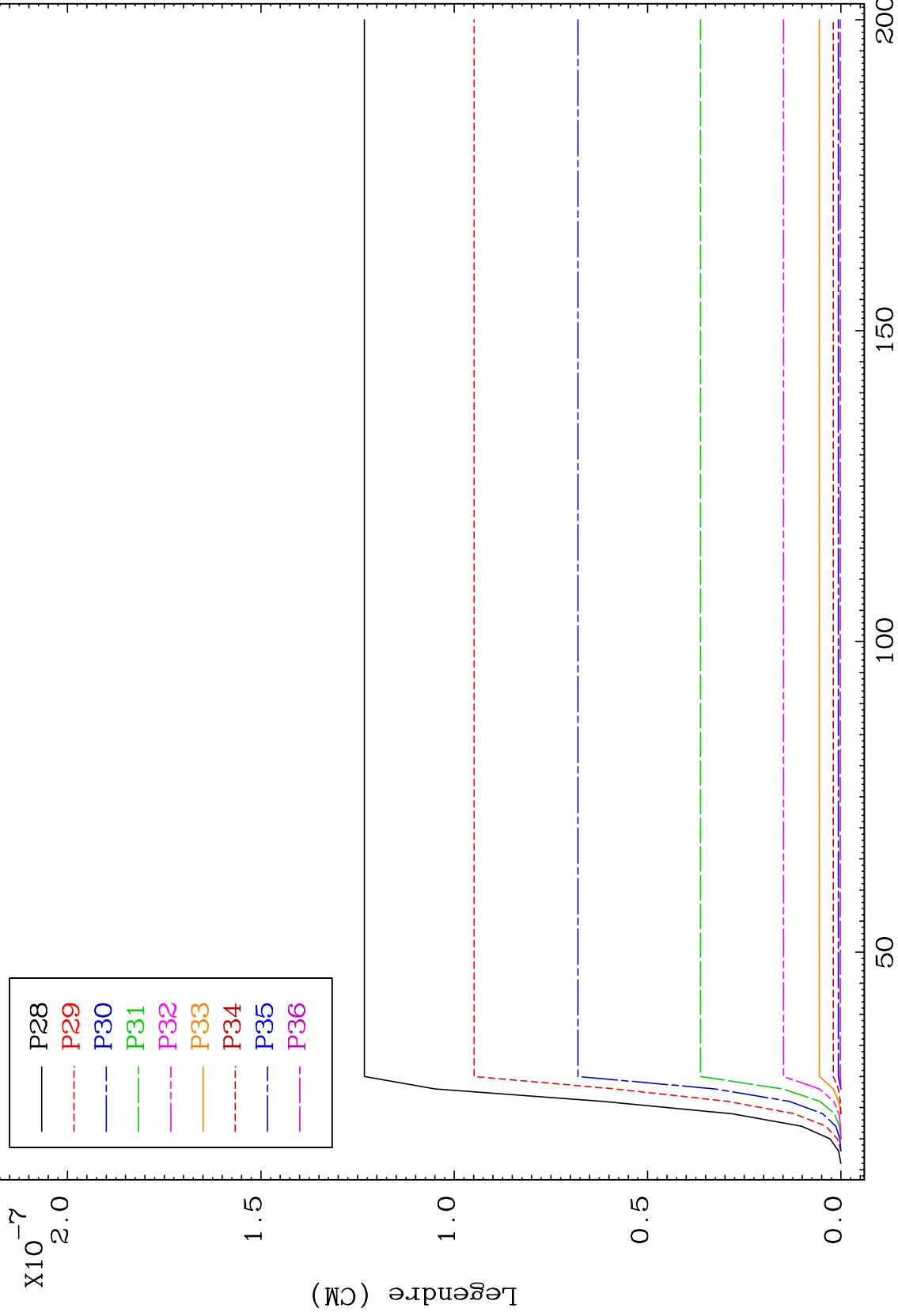
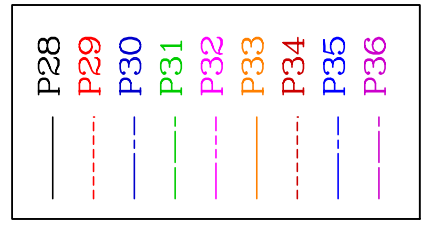
82-Pb-193



MAT 8192

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

82-Pb-193



98

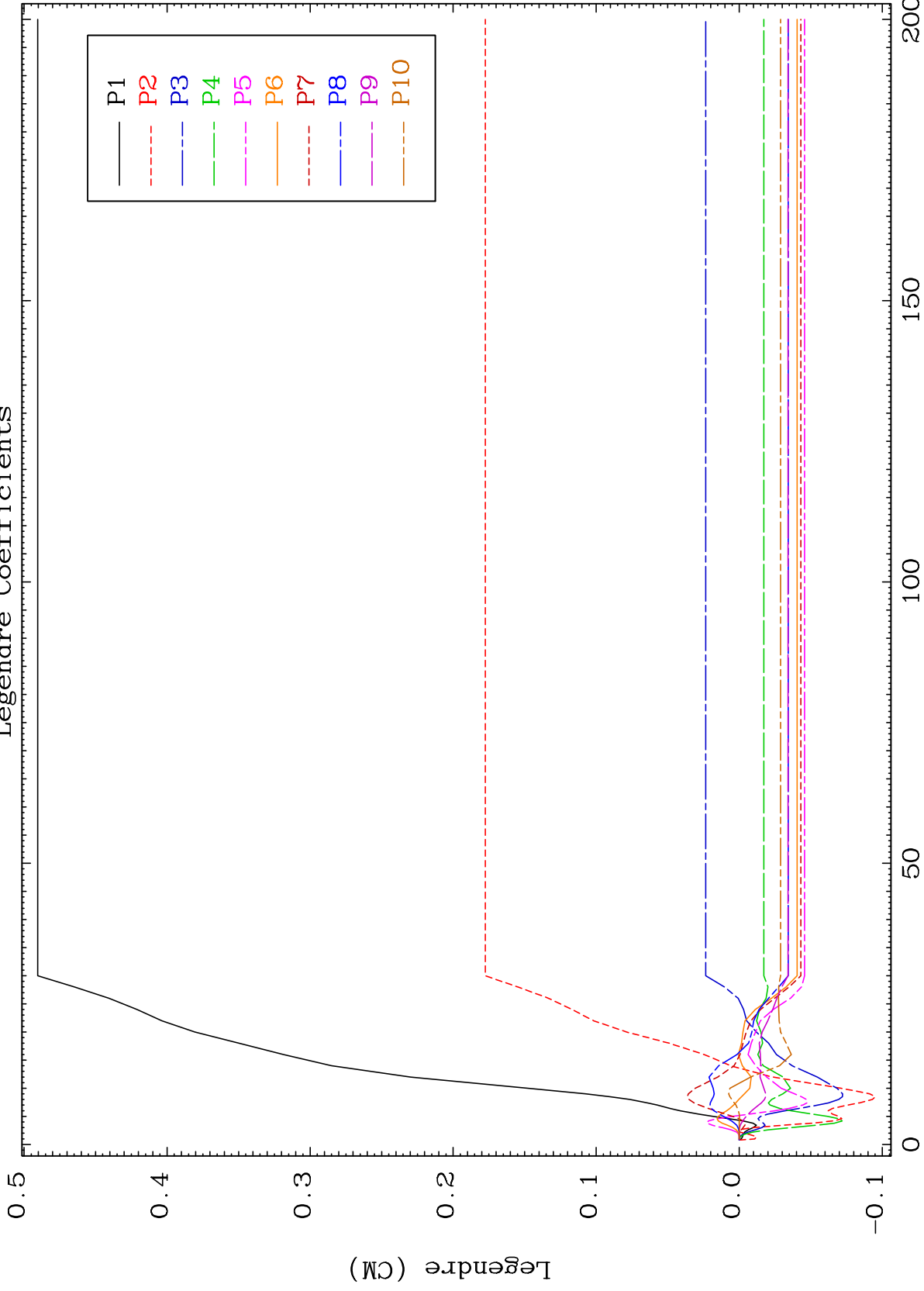
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



99

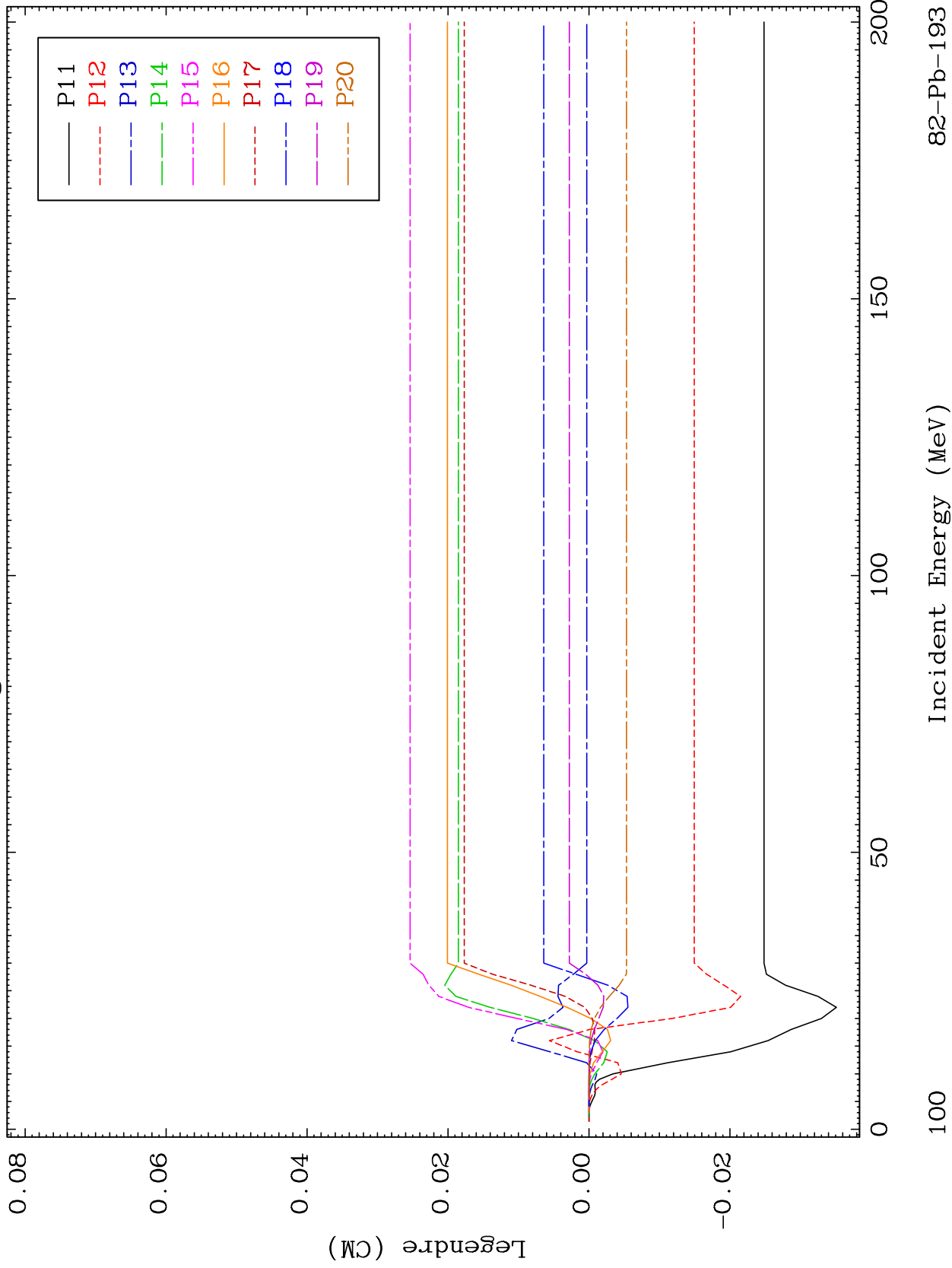
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193

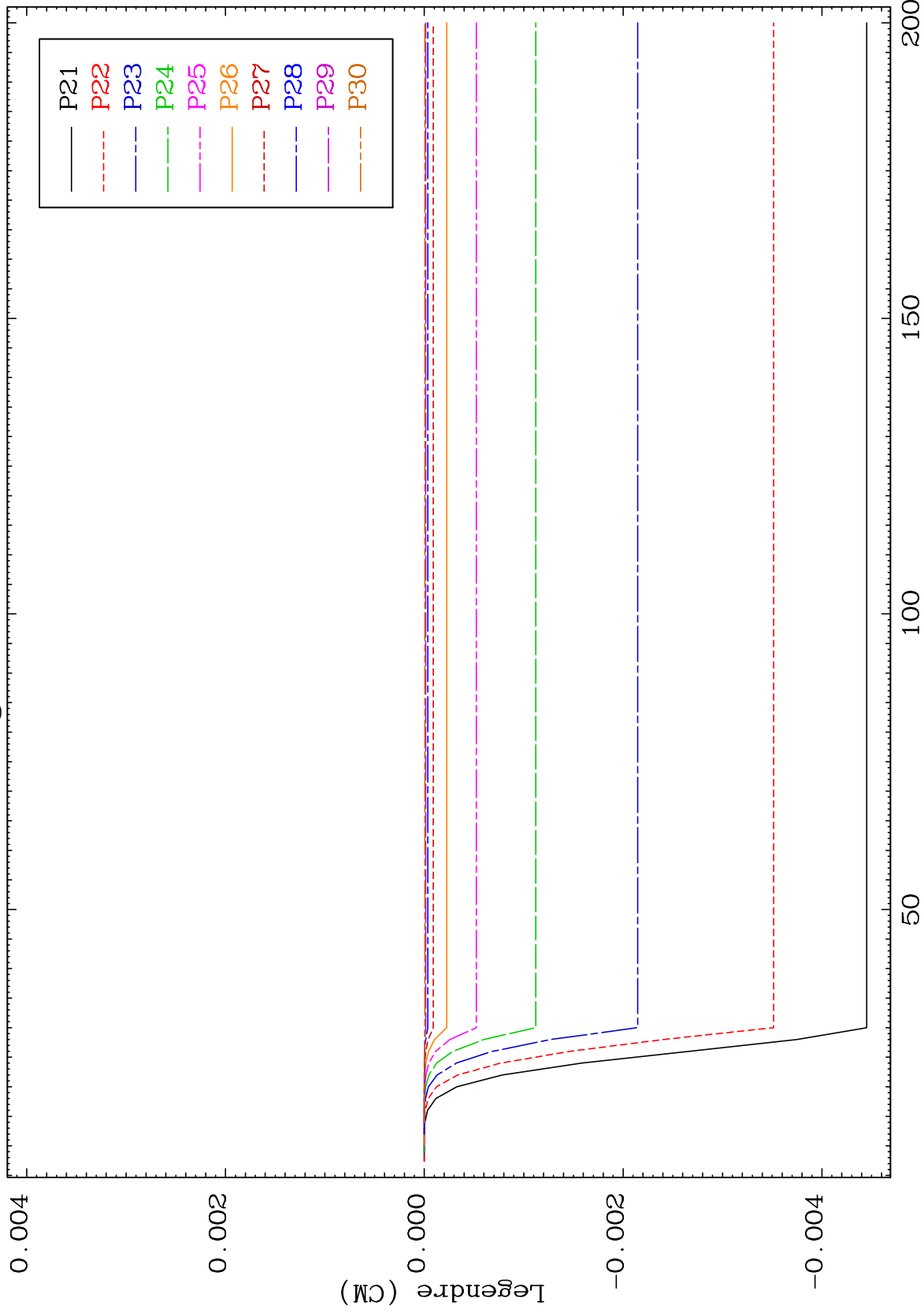


82-Pb-193

MAT 8192

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

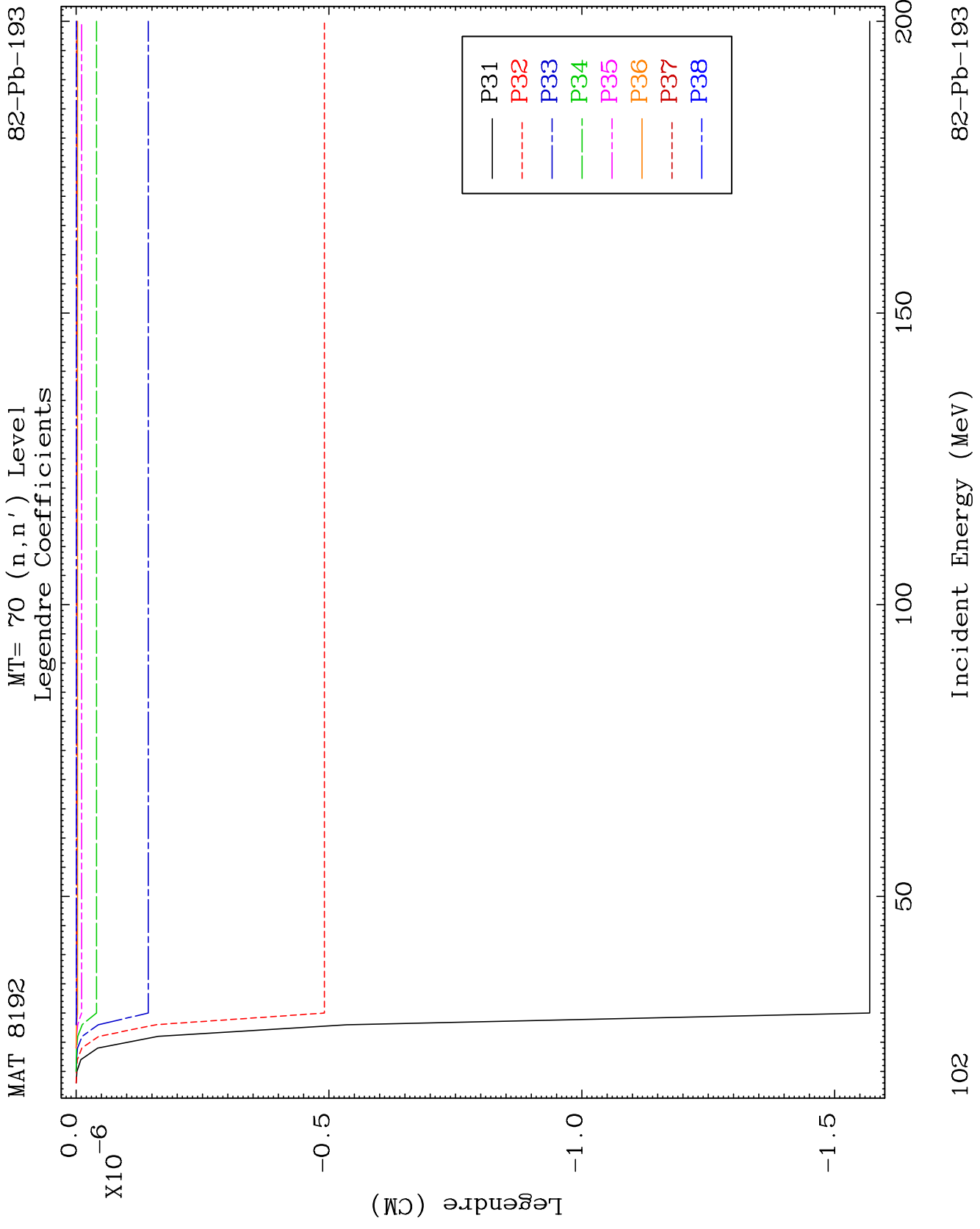
82-Pb-193



101

Incident Energy (MeV)

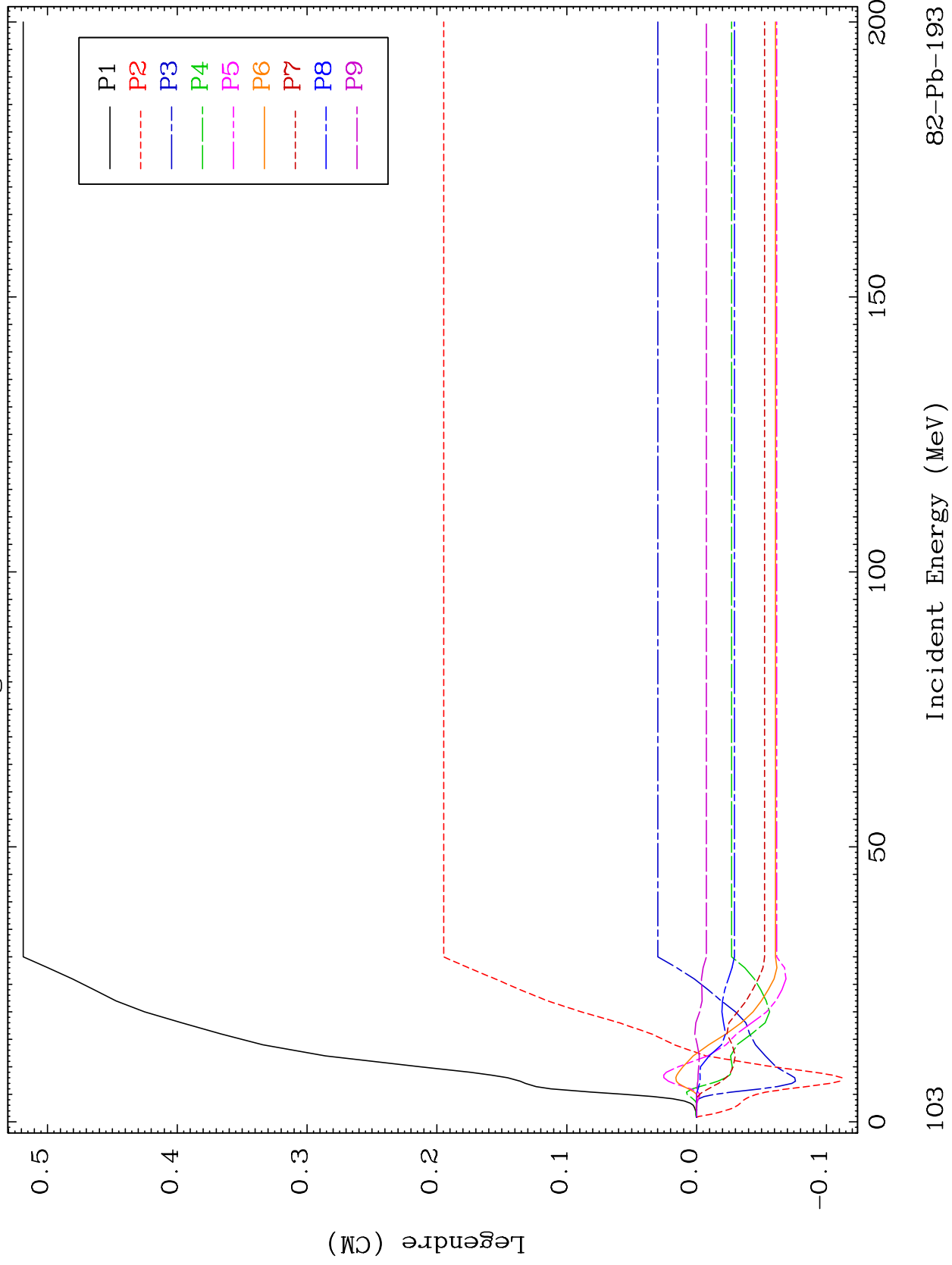
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

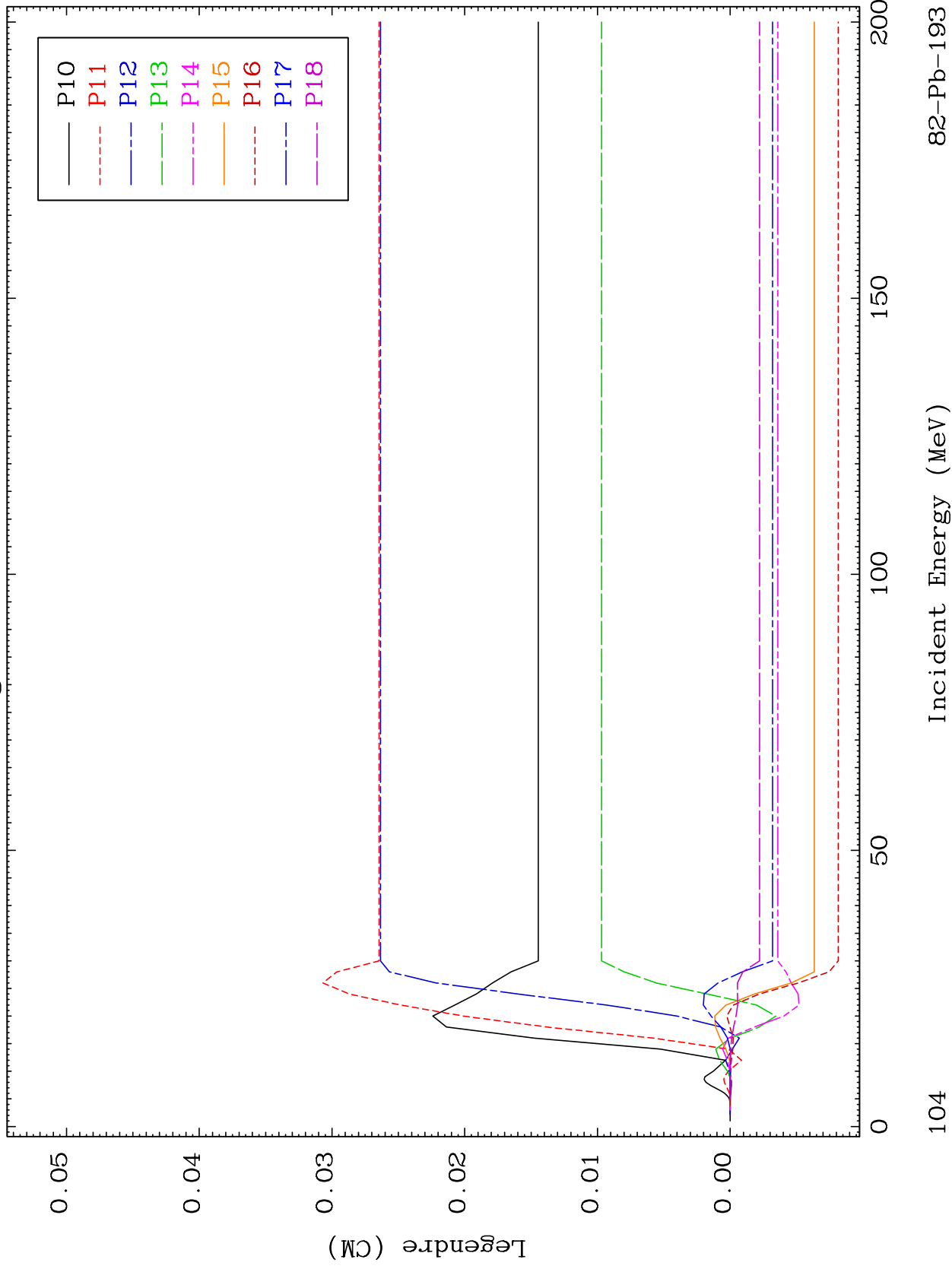
Incident Energy (MeV)

103

MAT 8192

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

82-Pb-193



82-Pb-193

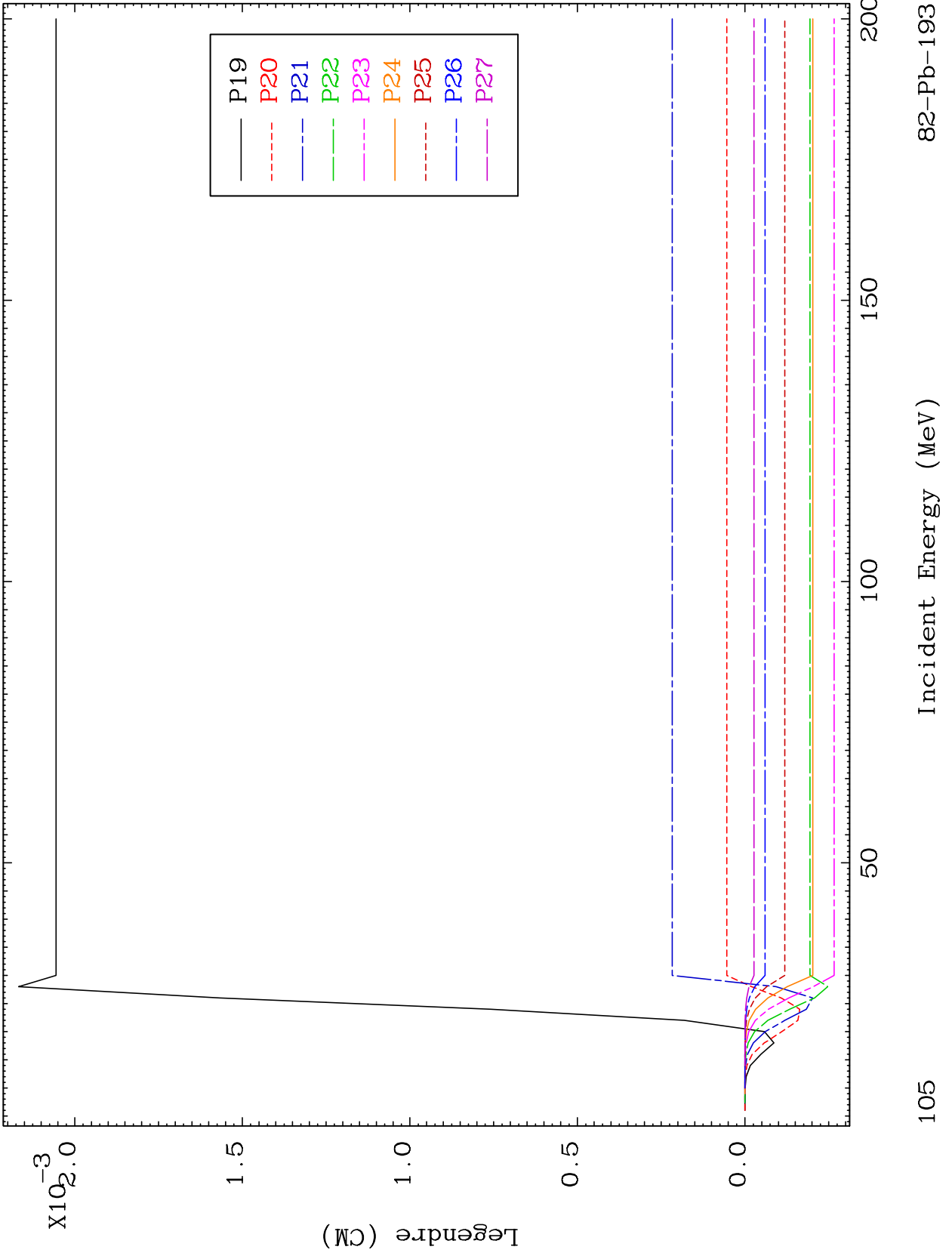
Incident Energy (MeV)

104

MAT 8192

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

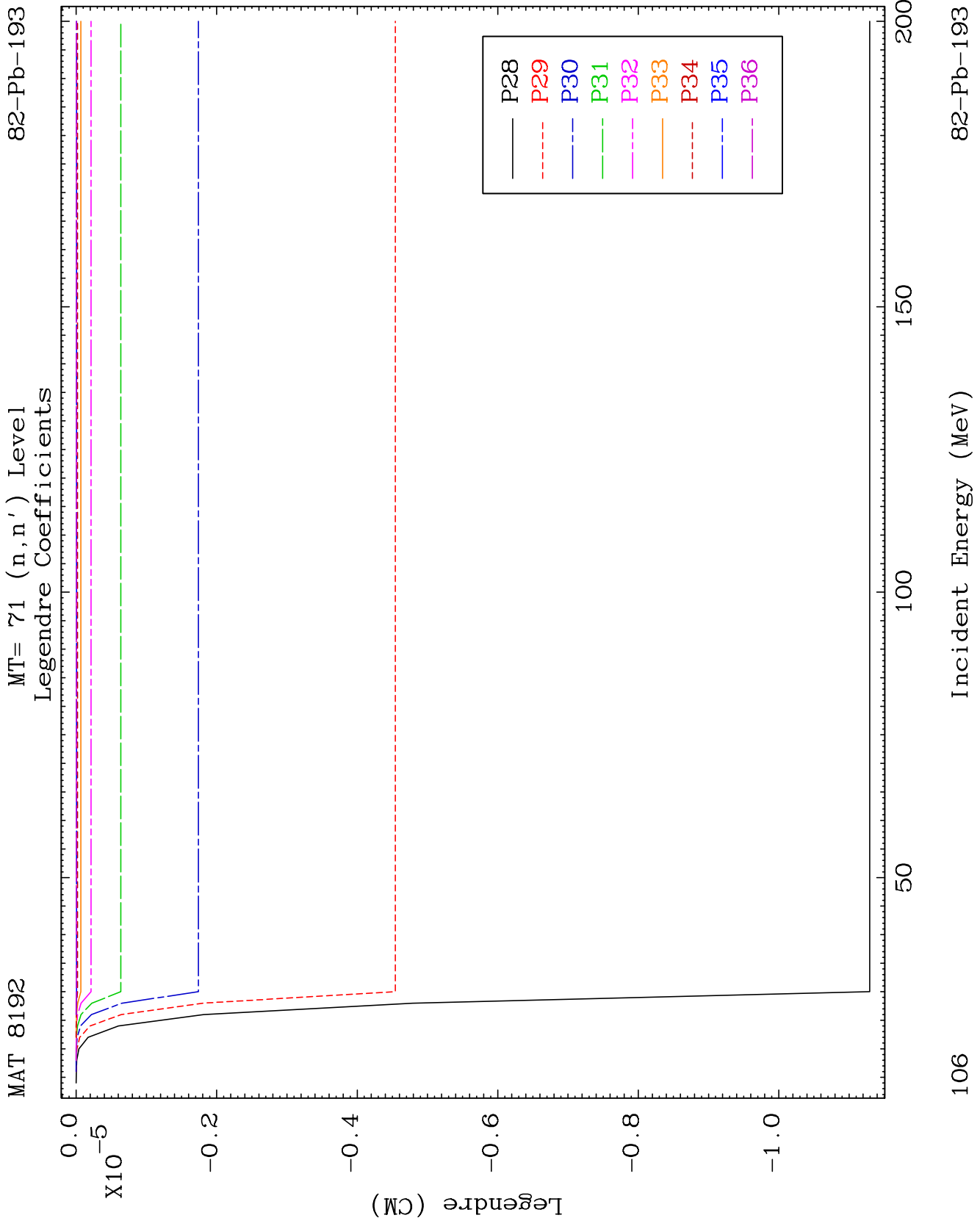
82-Pb-193



105

Incident Energy (MeV)

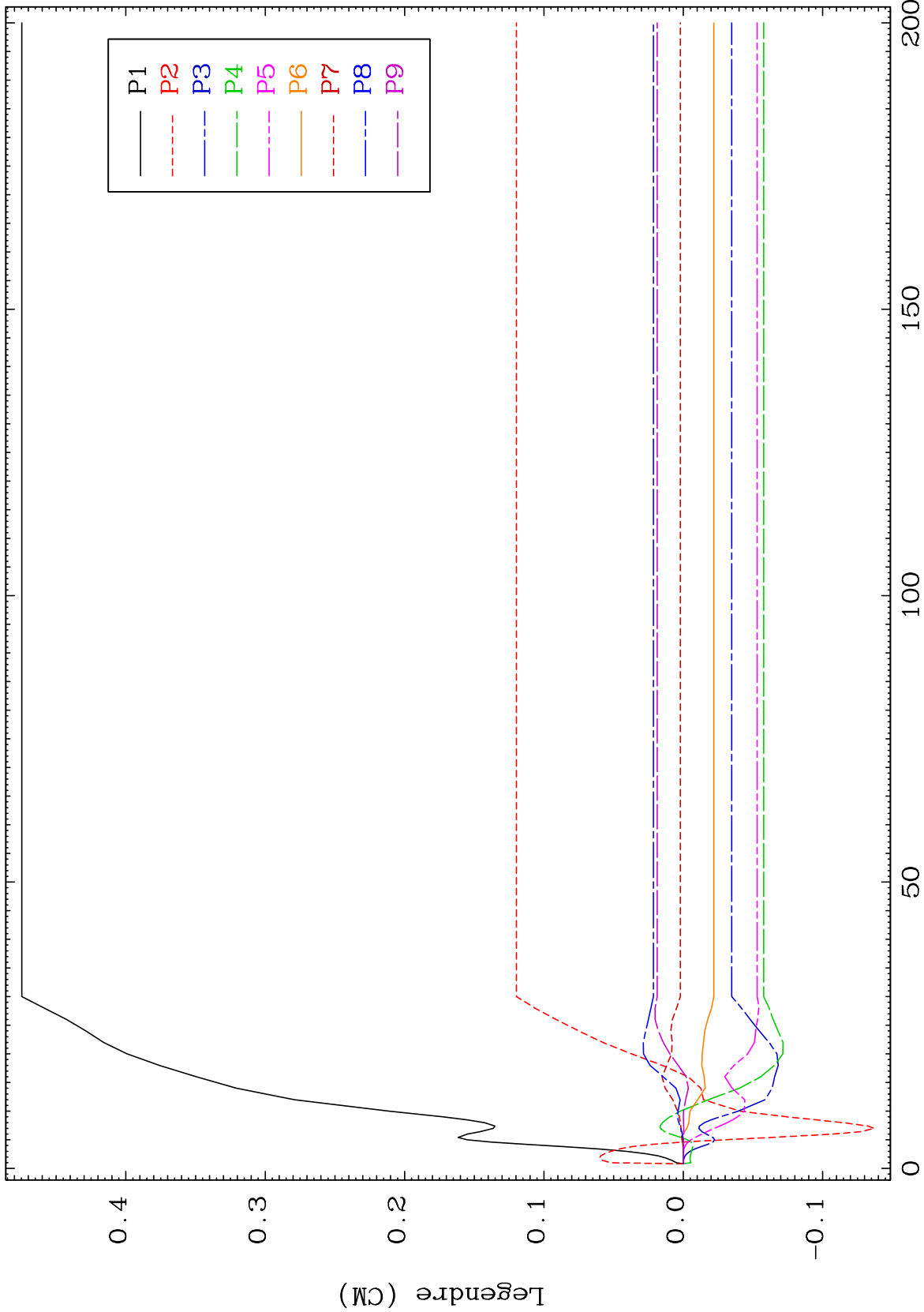
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

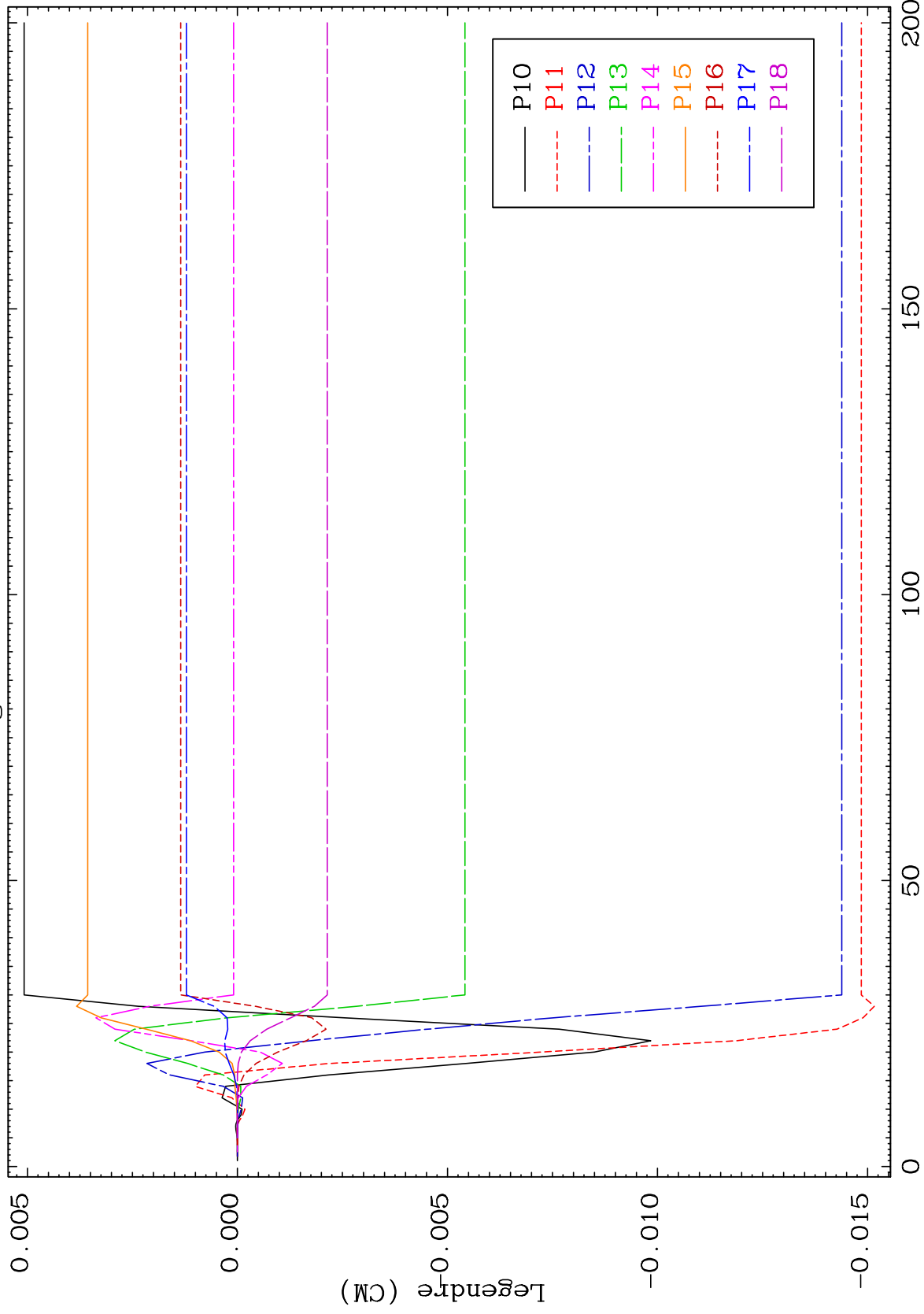
Incident Energy (MeV)

107

MAT 8192

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

82-Pb-193



108

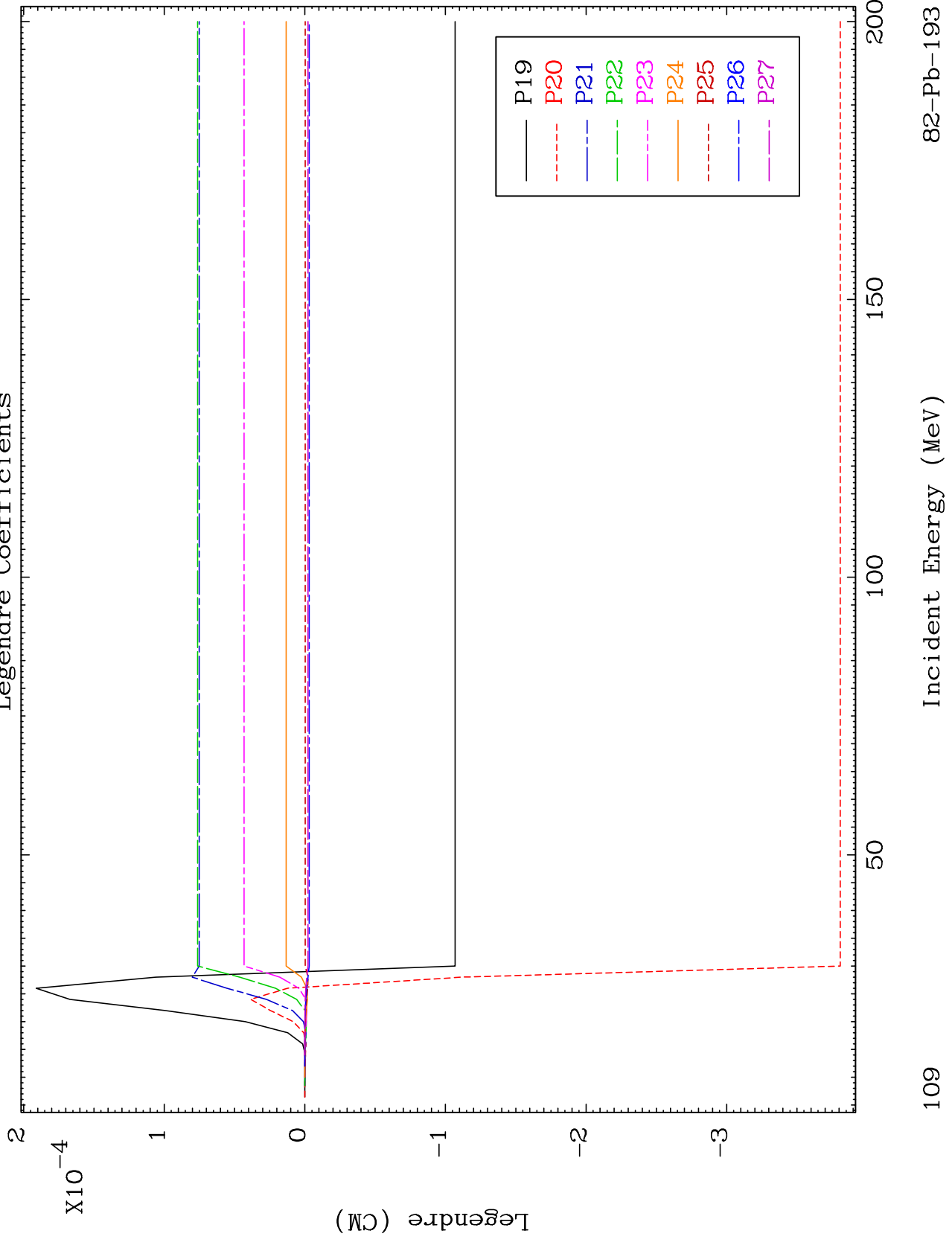
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

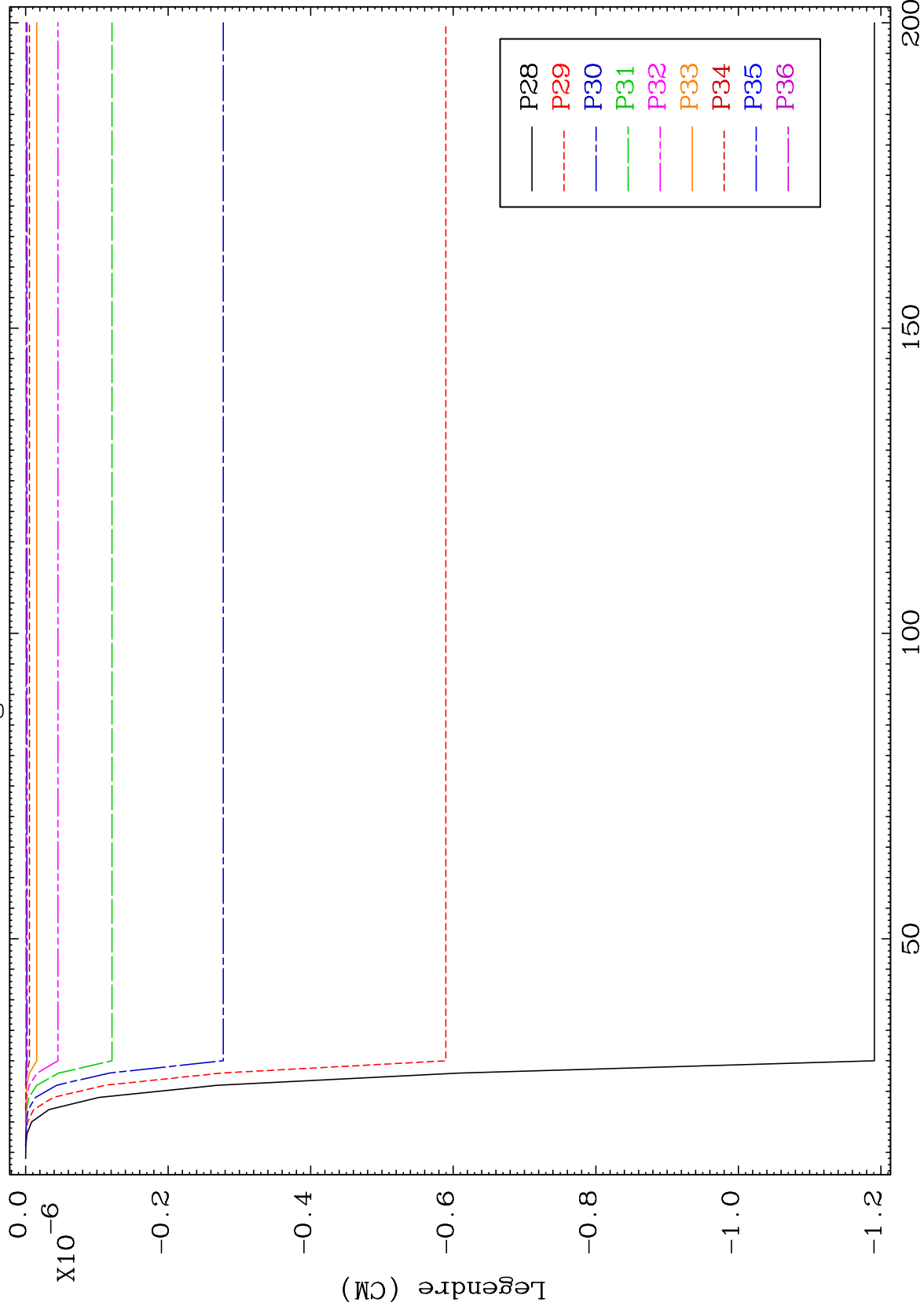
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

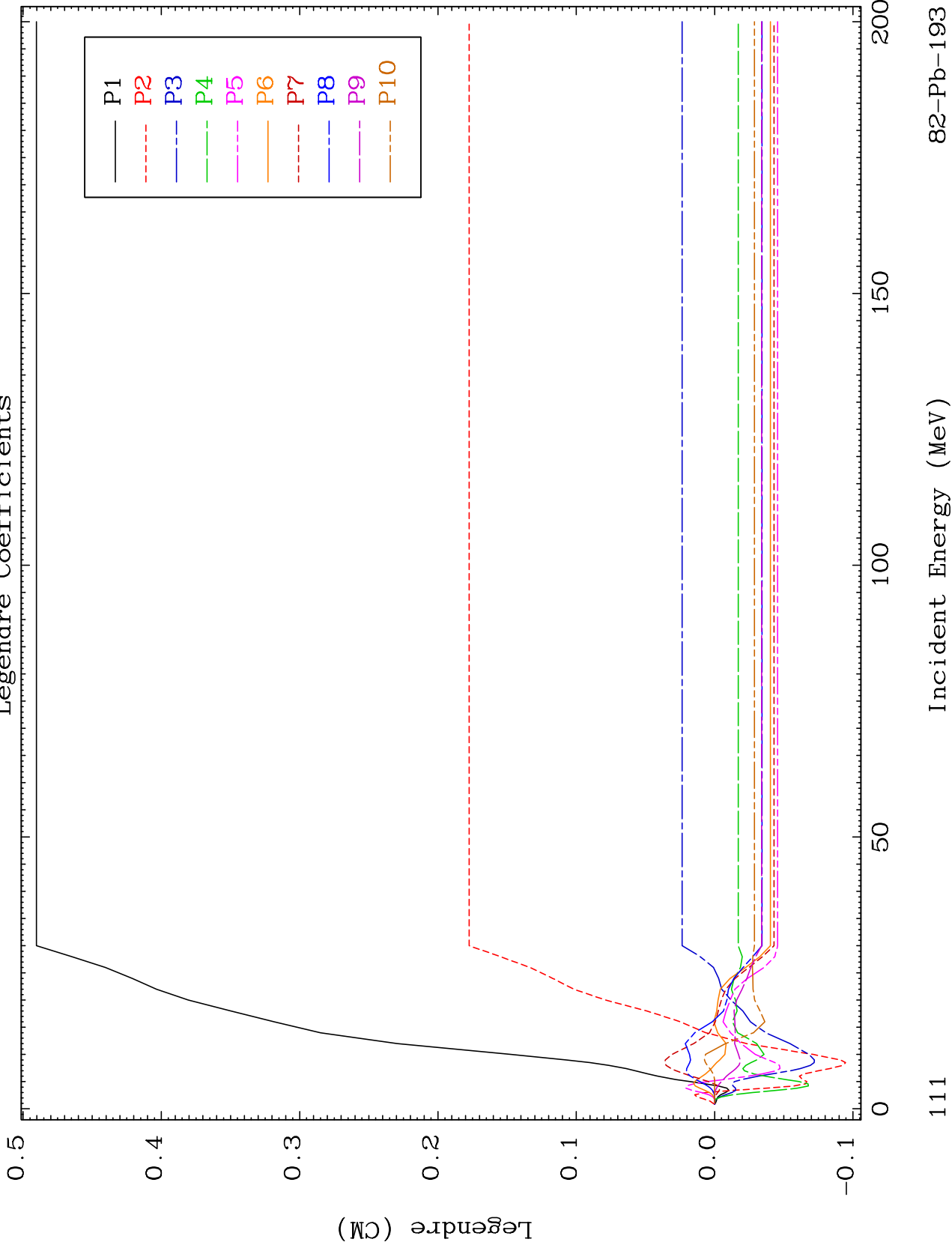
Incident Energy (MeV)

110

MAT 8192

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

82-Pb-193



82-Pb-193

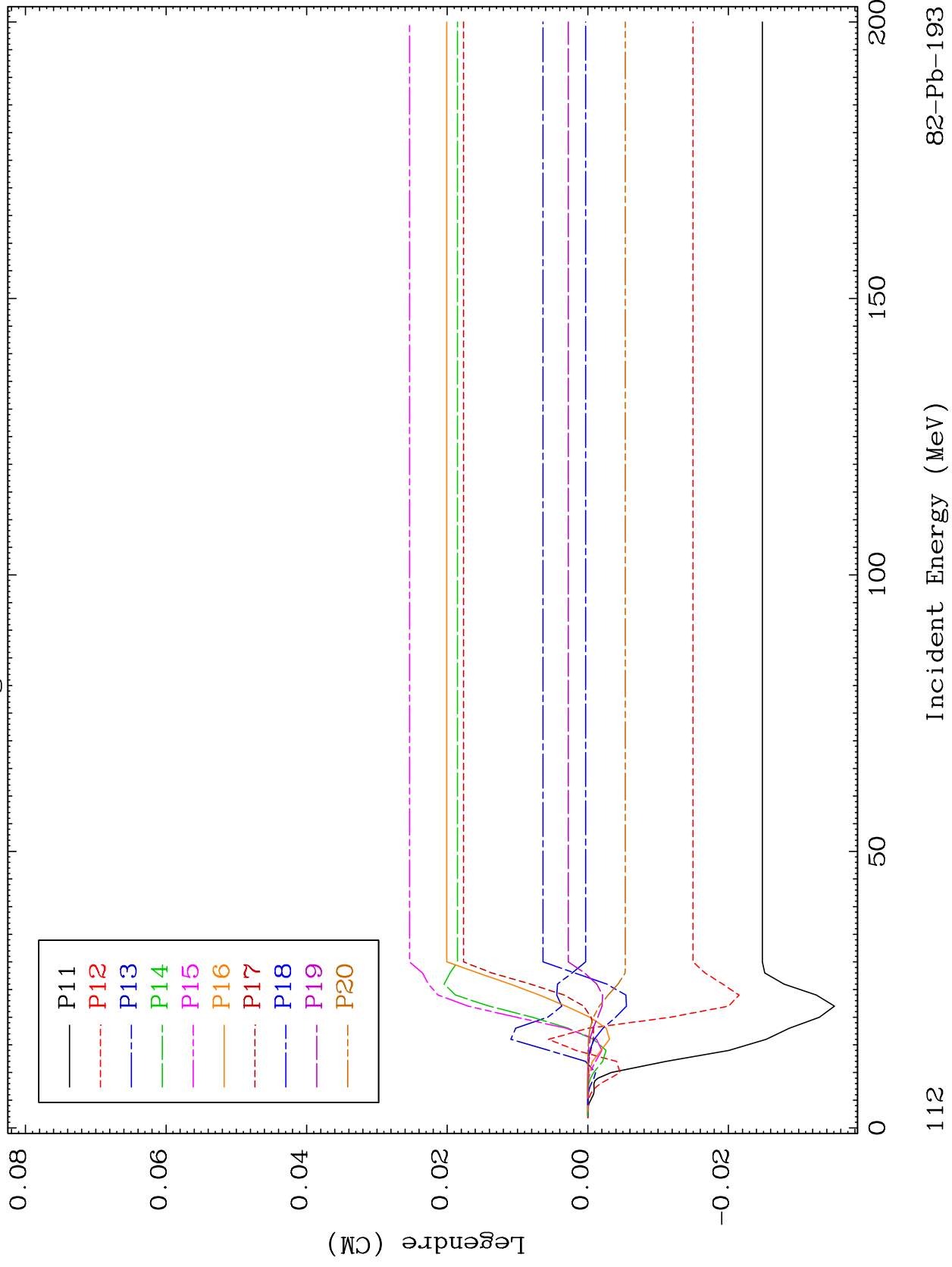
Incident Energy (MeV)

111

MAT 8192

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

82-Pb-193



112

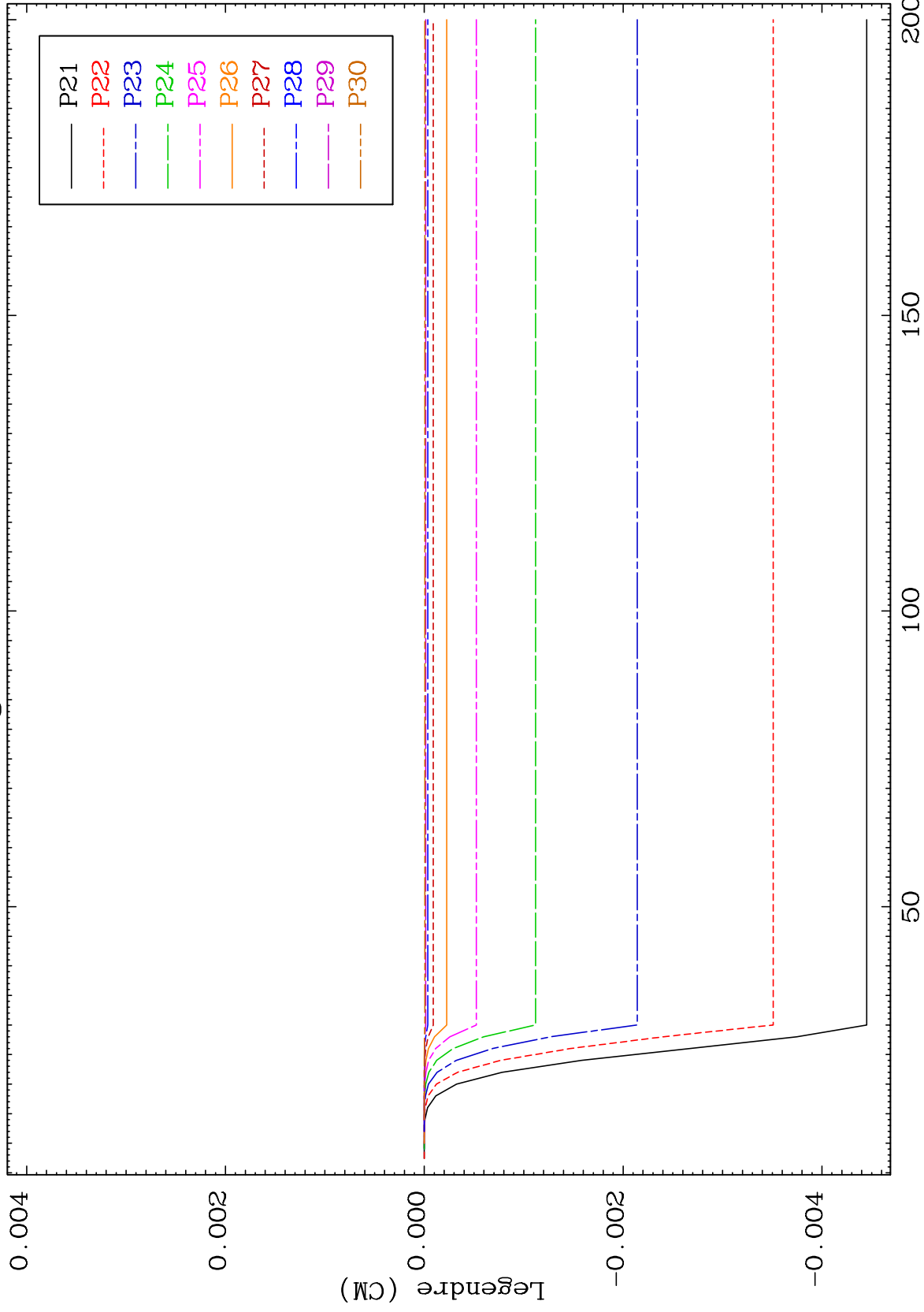
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

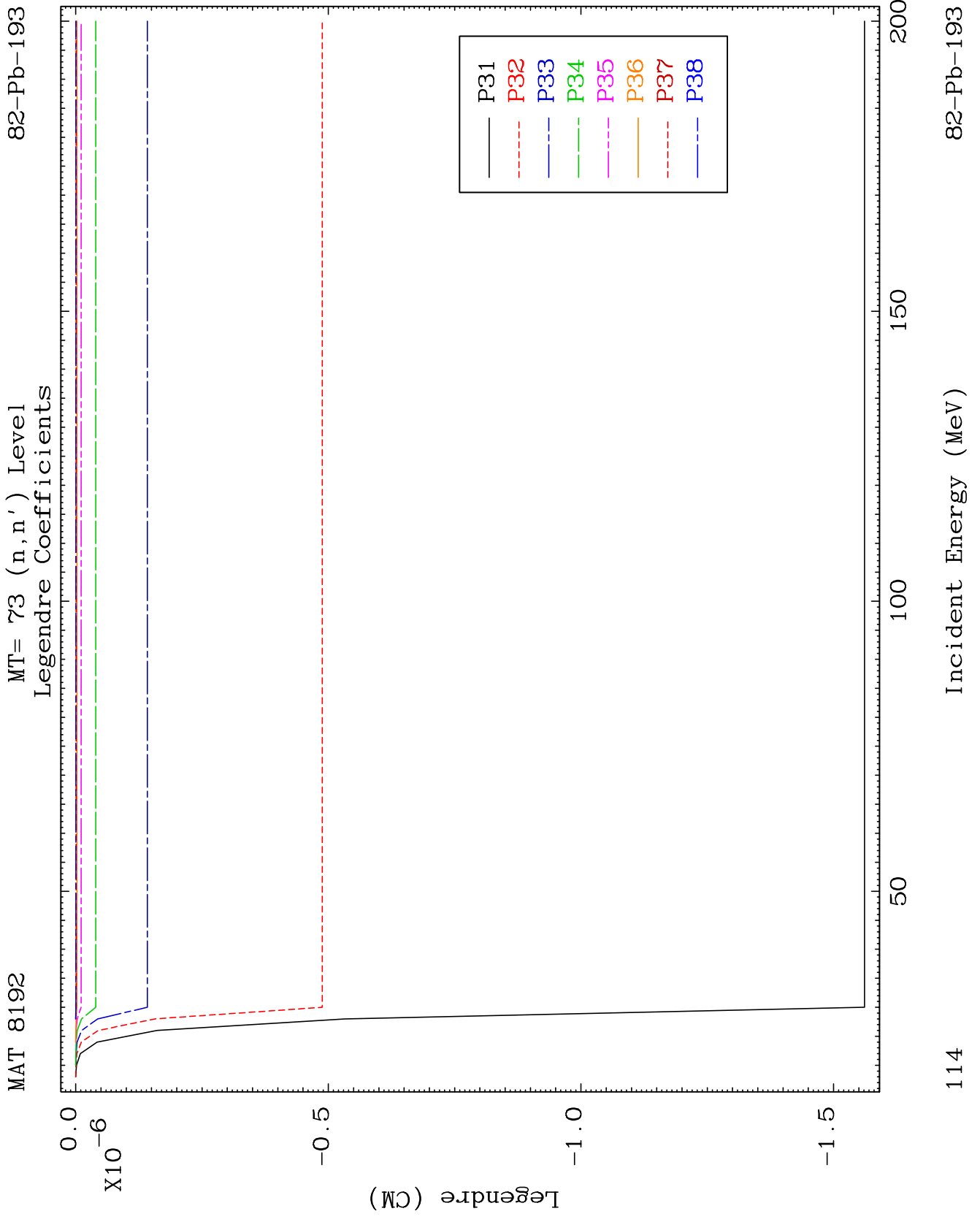
82-Pb-193



113

Incident Energy (MeV)

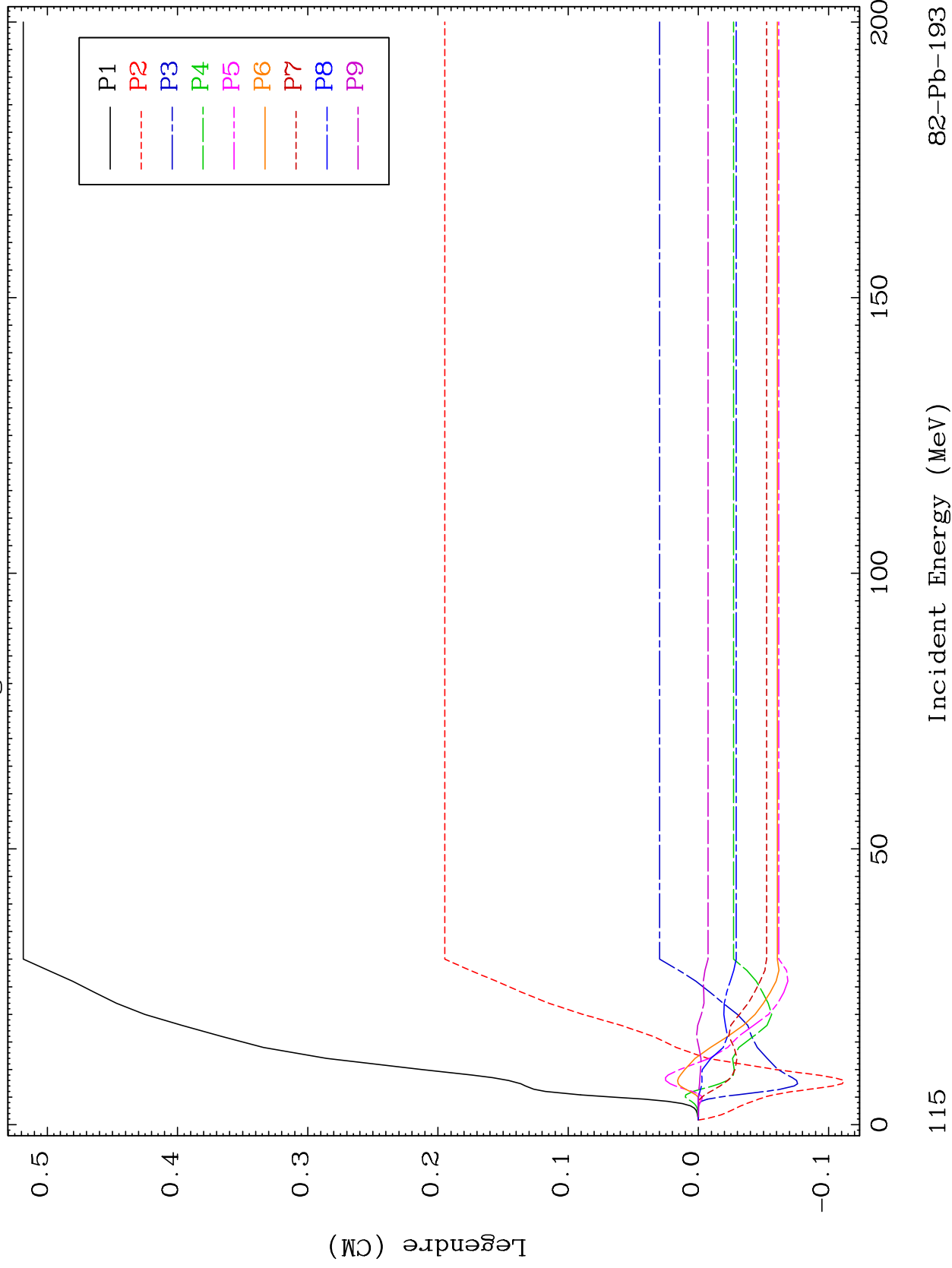
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

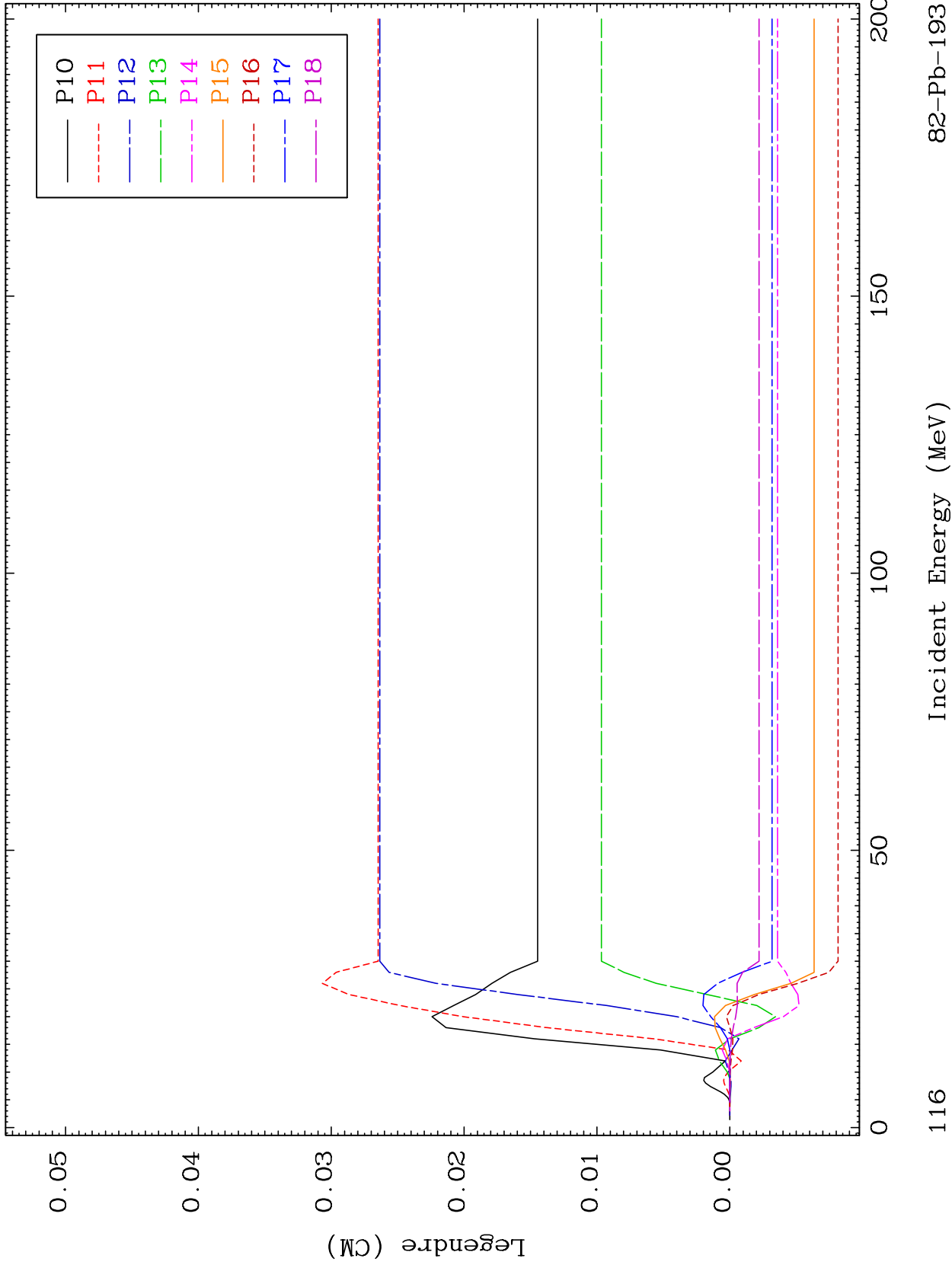
Incident Energy (MeV)

115

MAT 8192

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

82-Pb-193



116

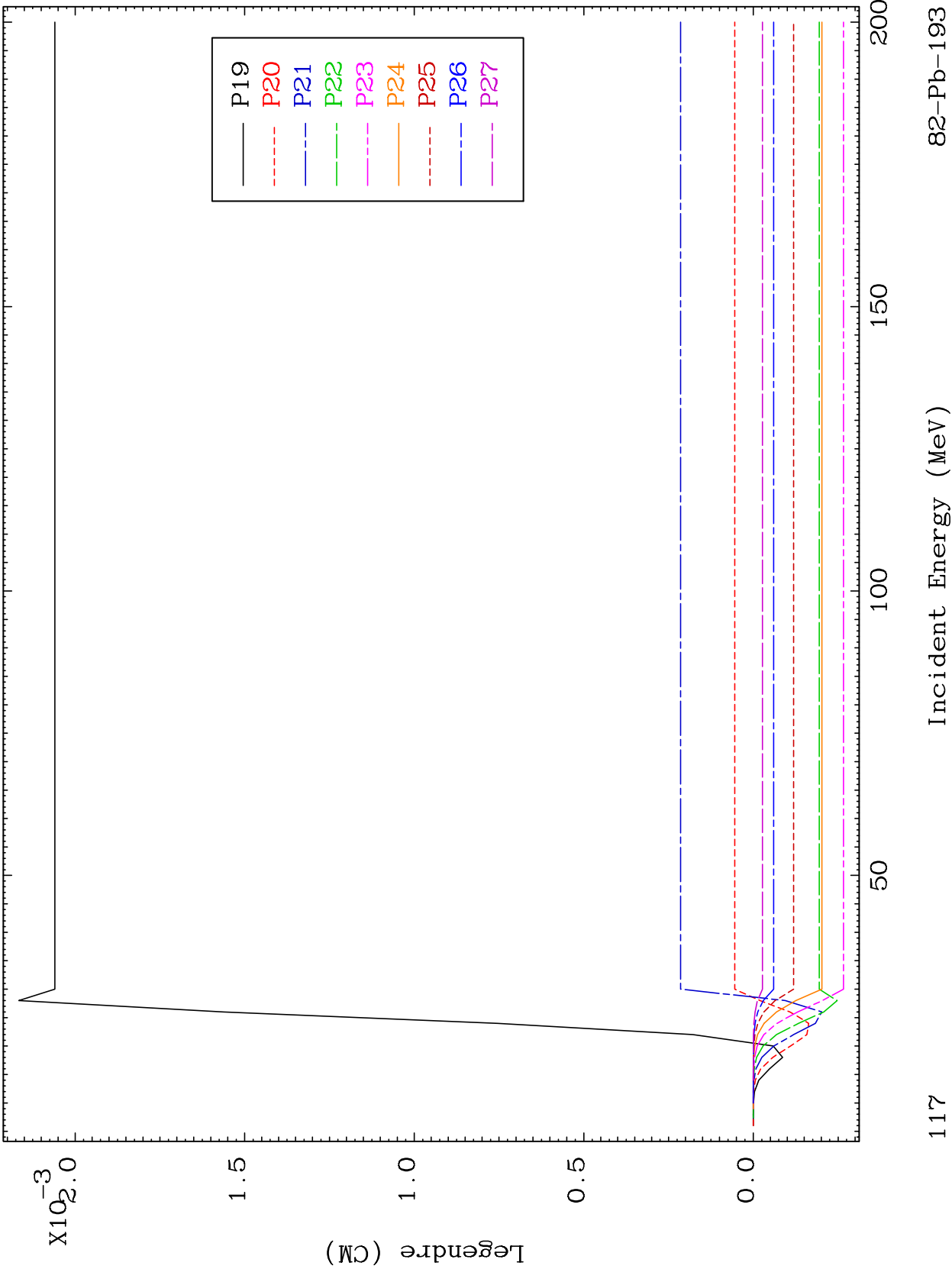
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

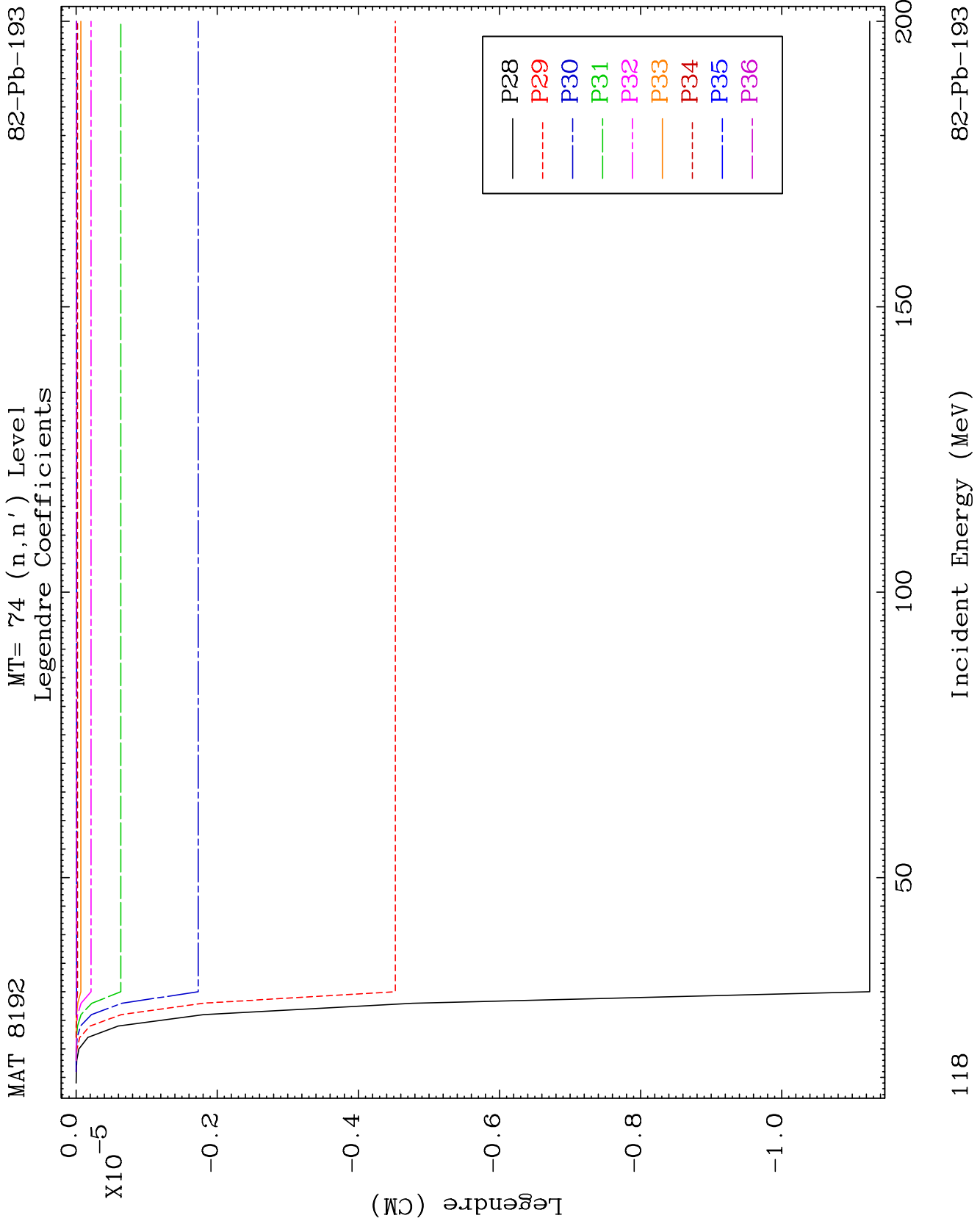
82-Pb-193



117

Incident Energy (MeV)

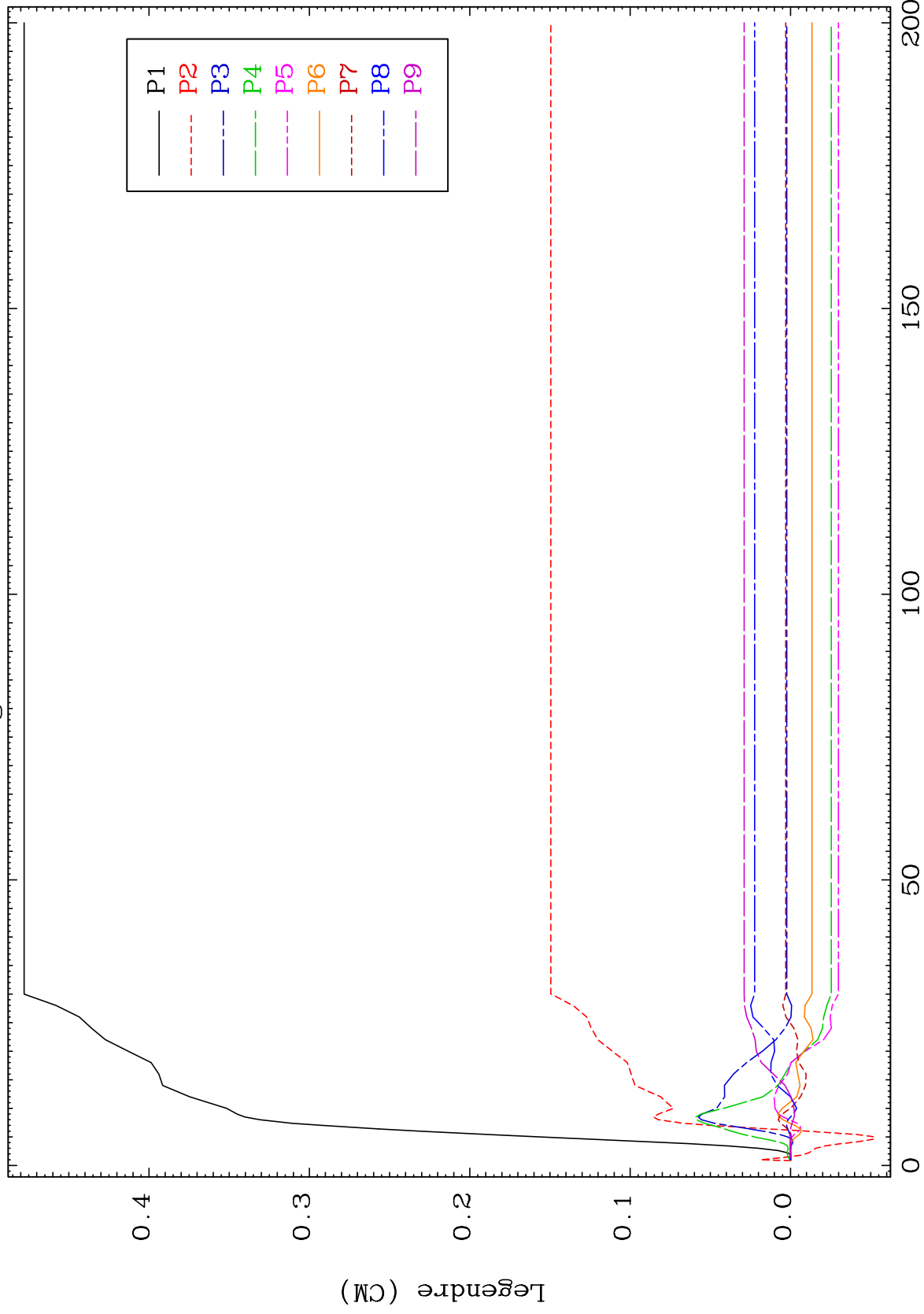
82-Pb-193



MAT 8192

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

82-Pb-193



119

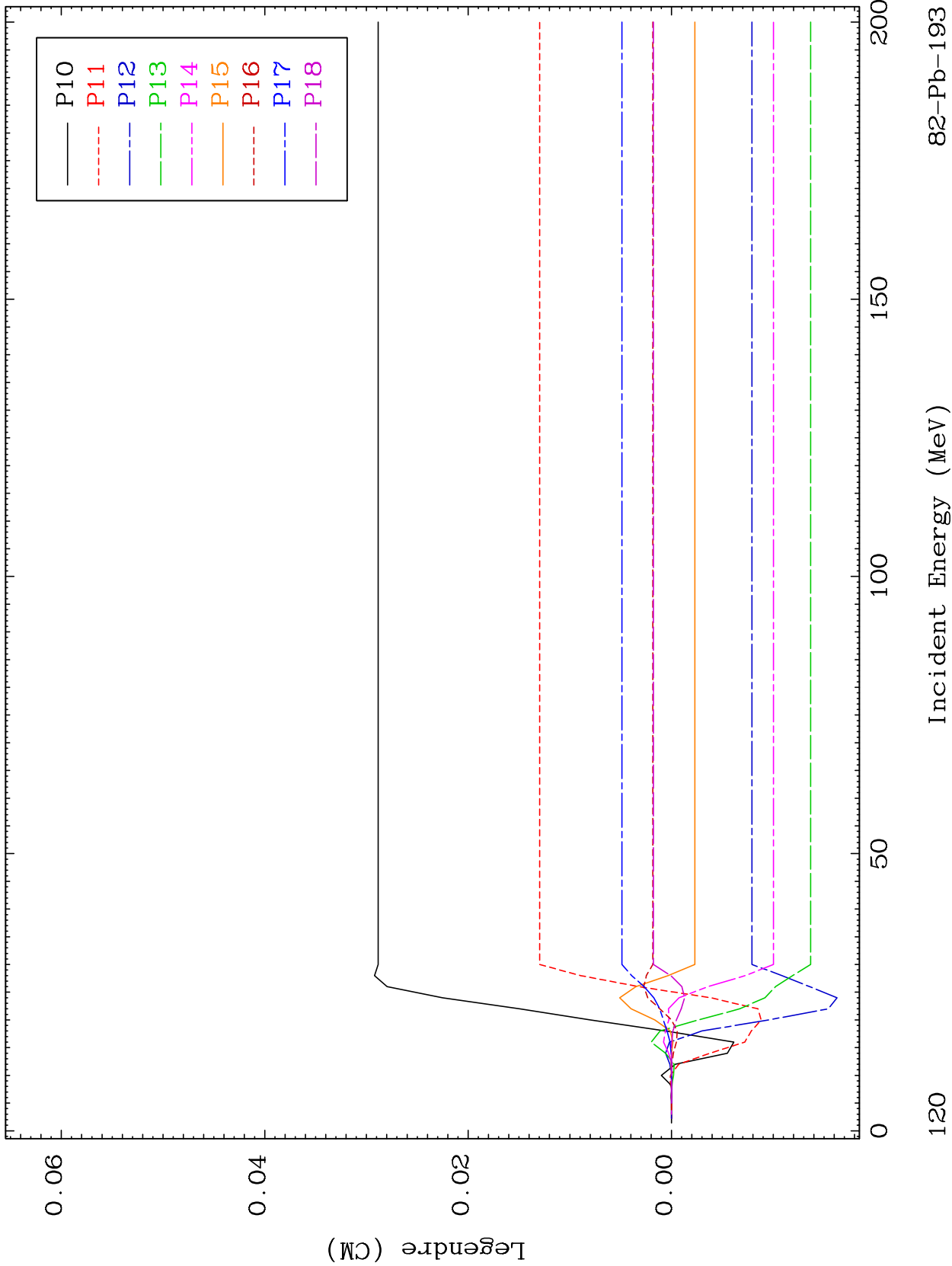
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

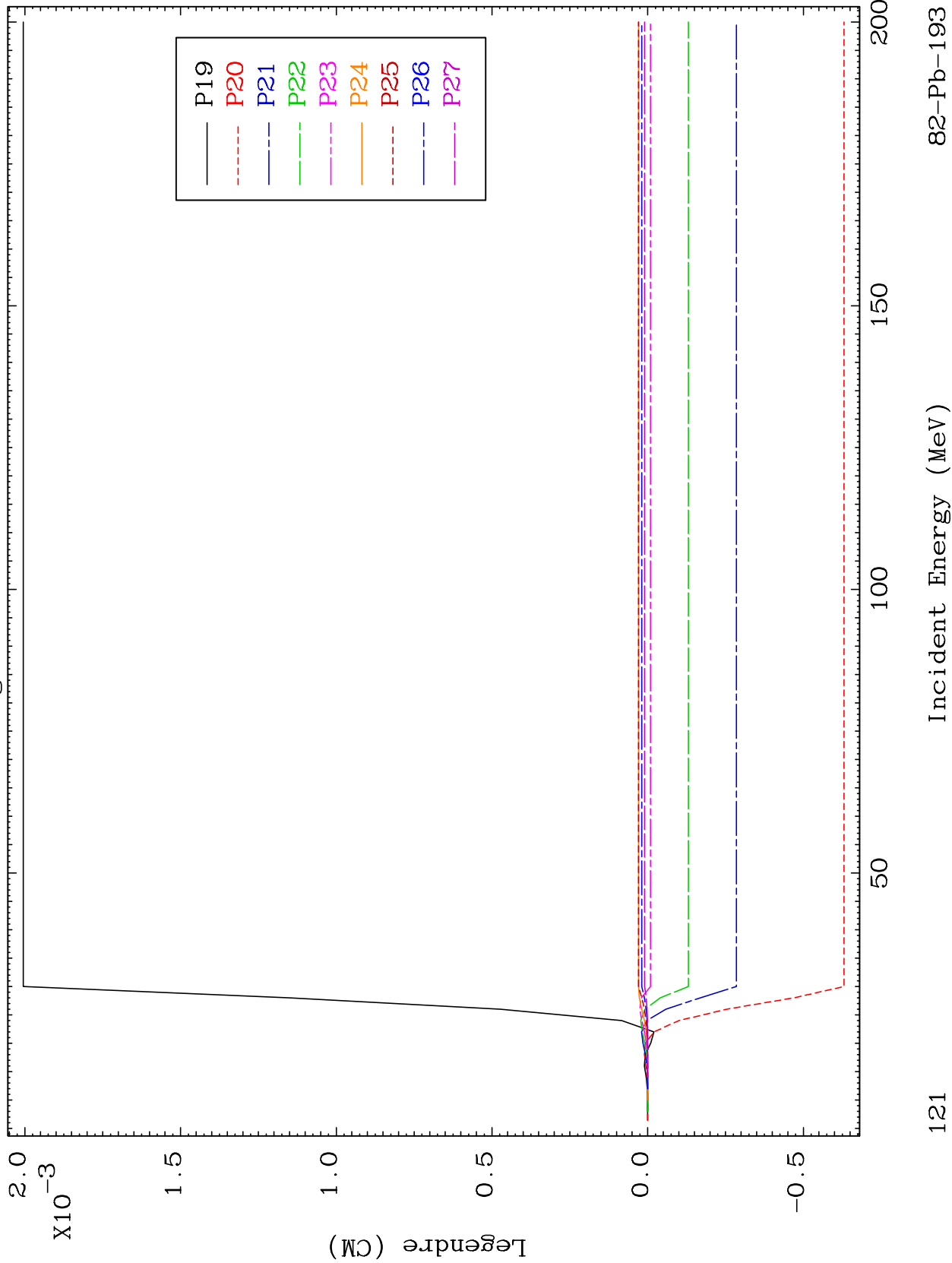
Incident Energy (MeV)

120

MAT 8192

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

82-Pb-193



121

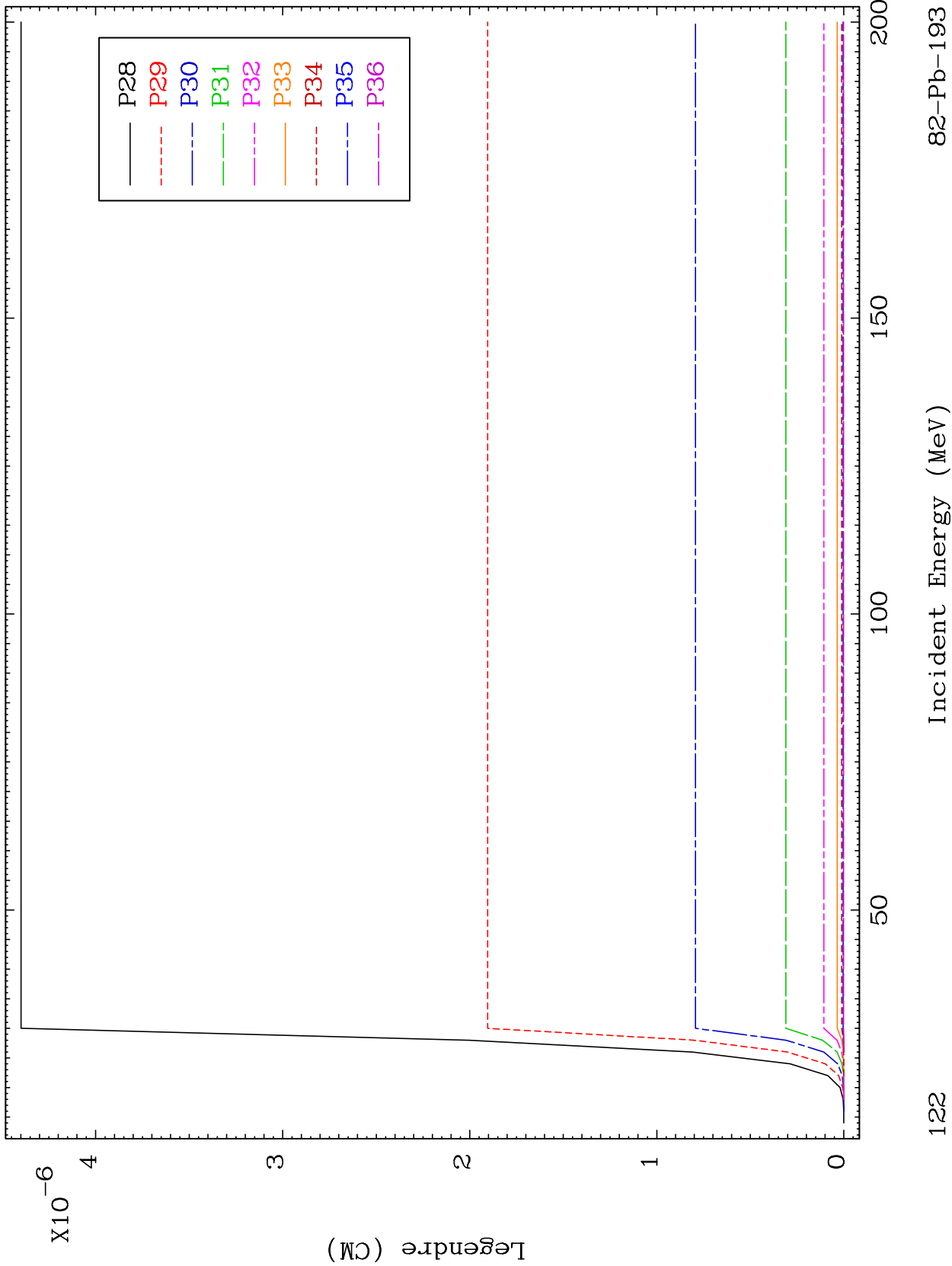
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193

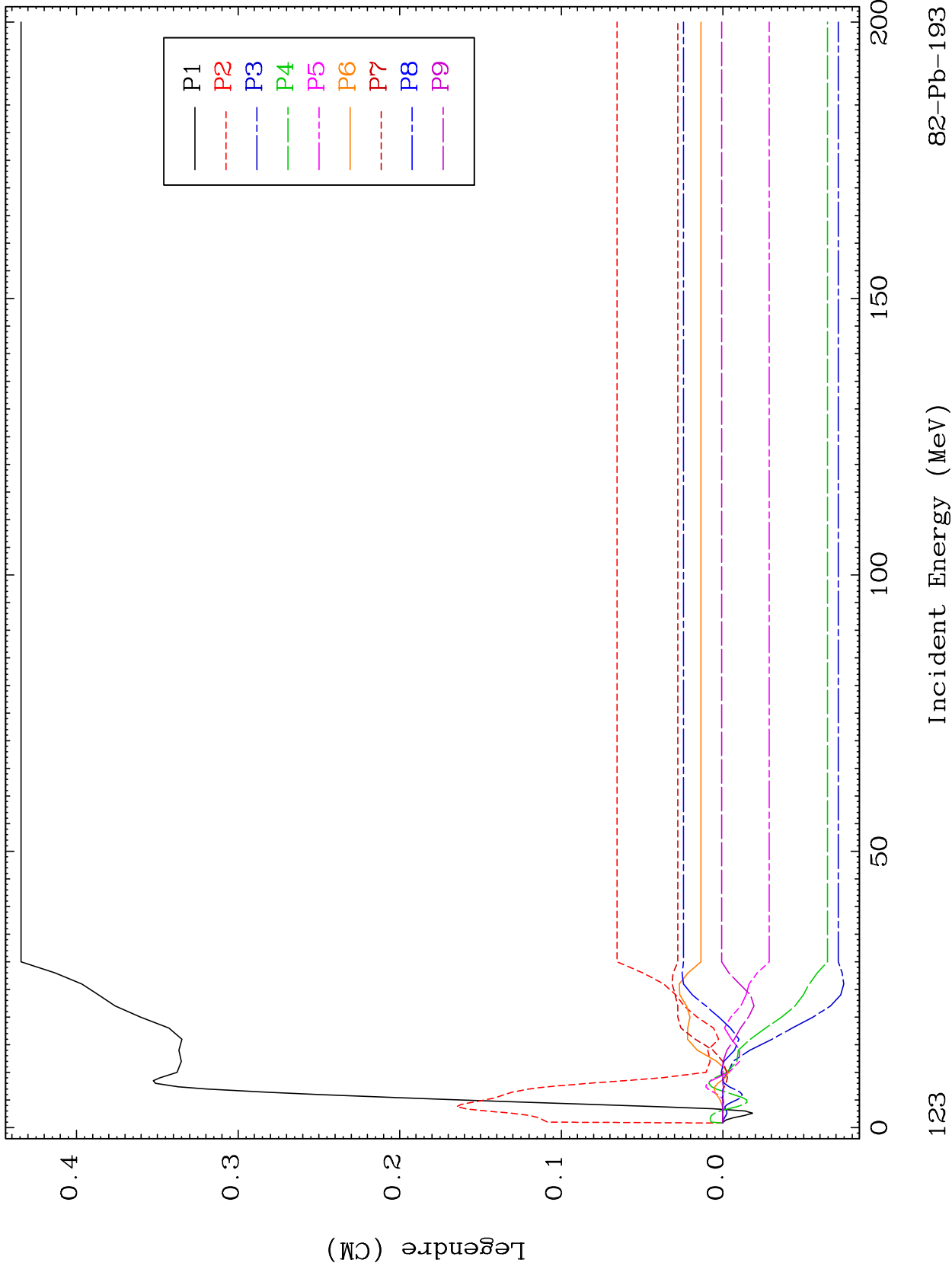


122

MAT 8192

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

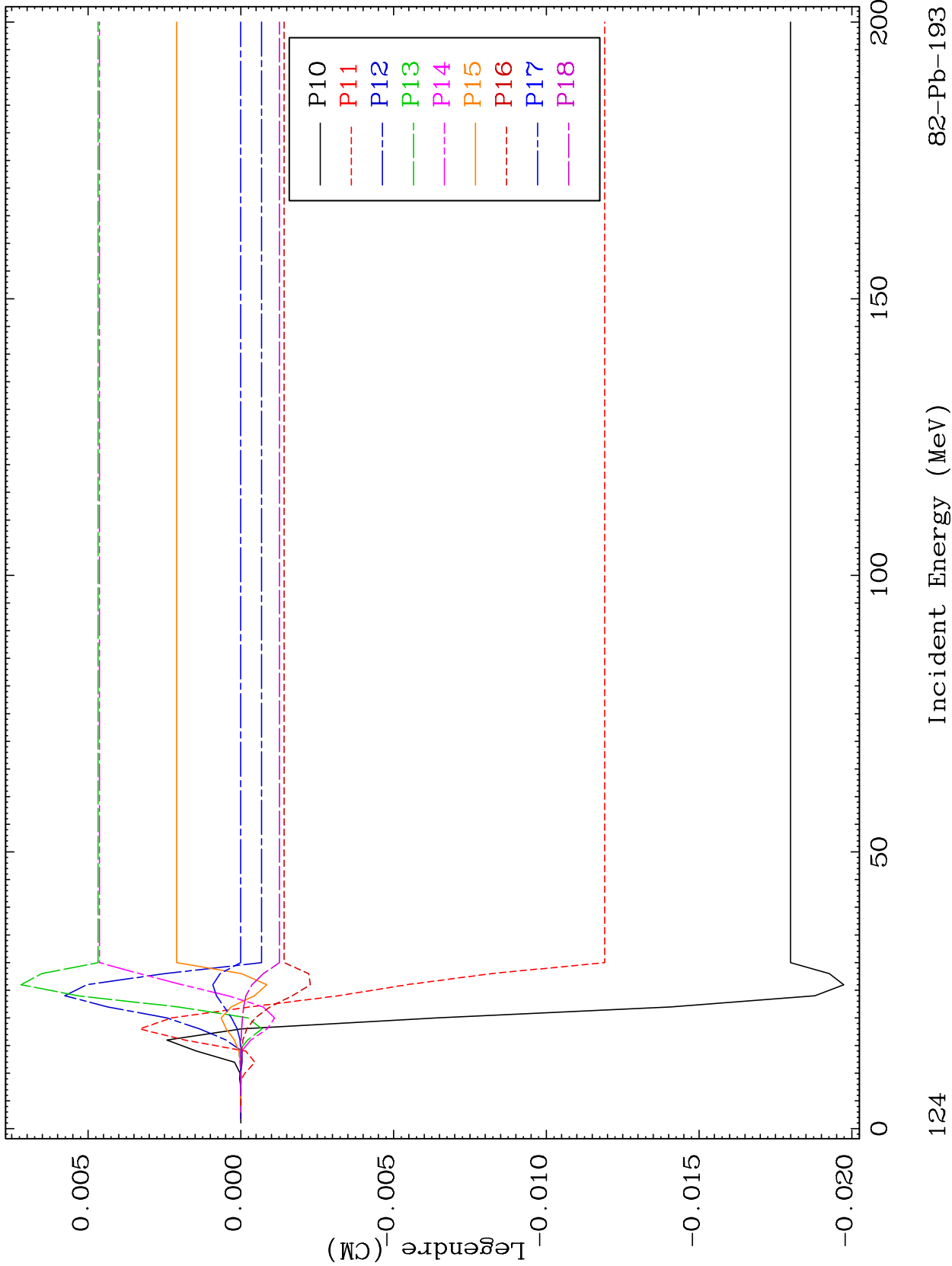
82-Pb-193



MAT 8192

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

82-Pb-193



124

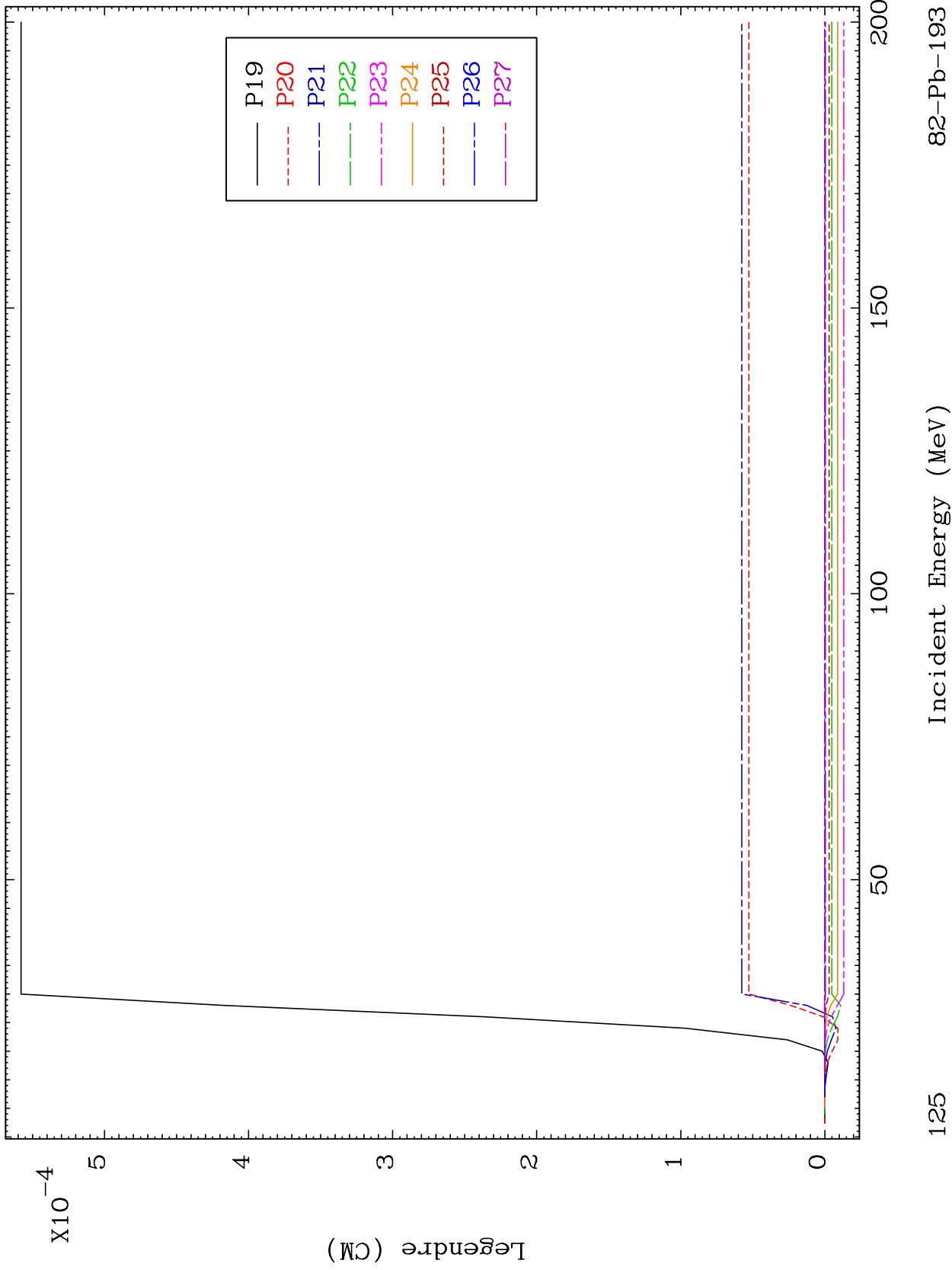
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

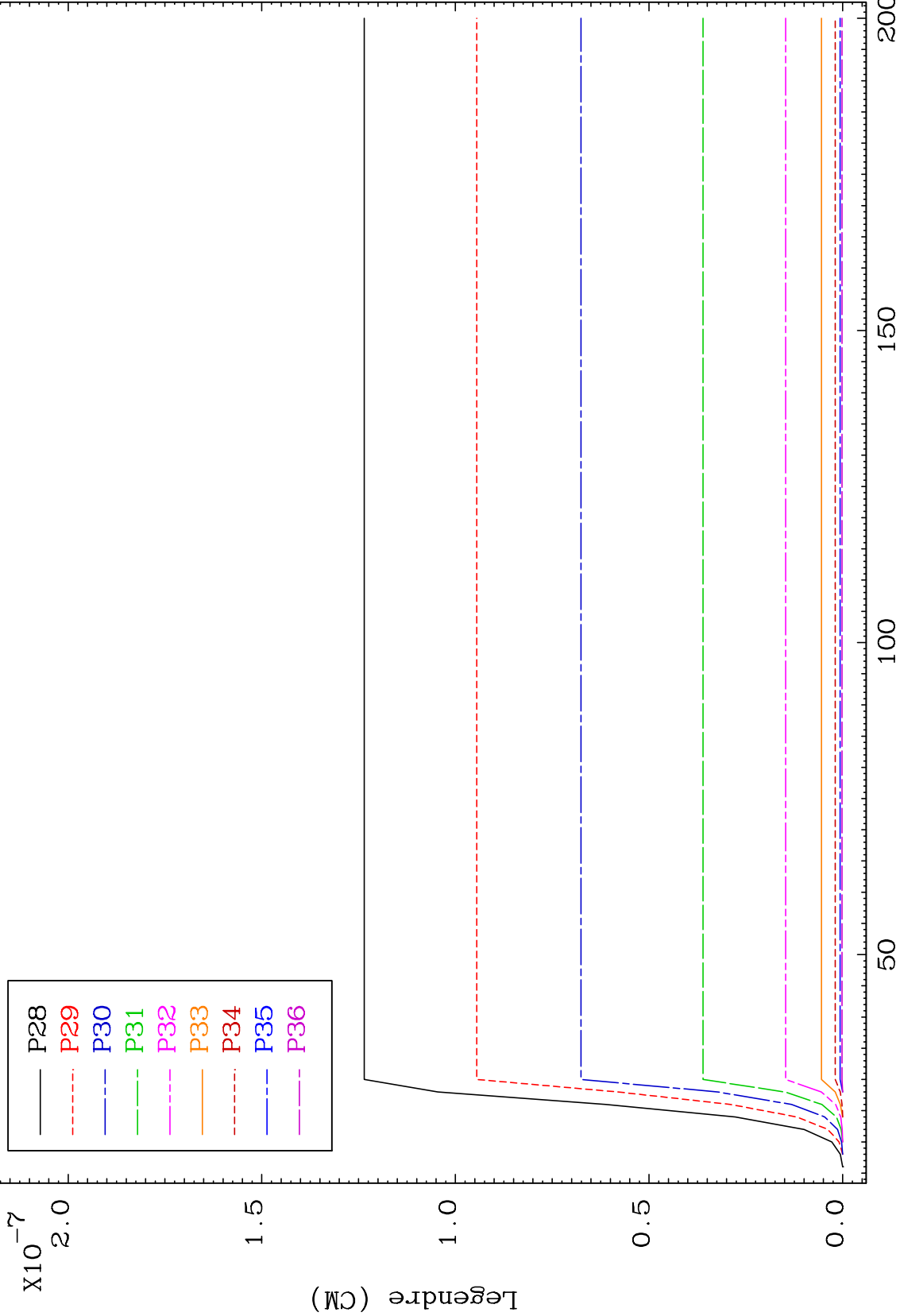
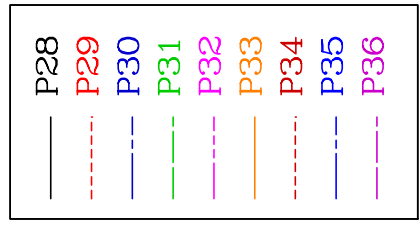
82-Pb-193



MAT 8192

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

82-Pb-193



126

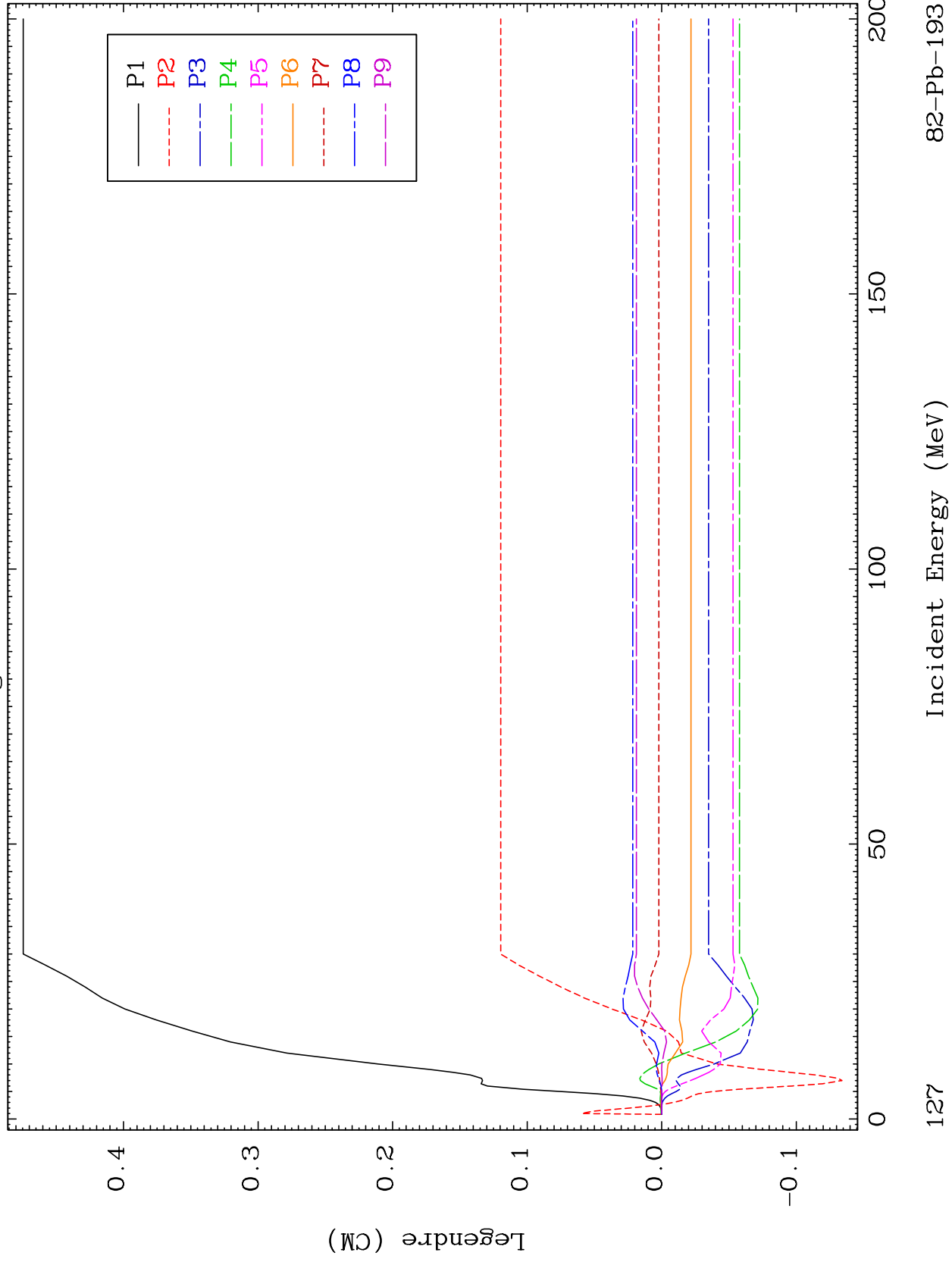
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

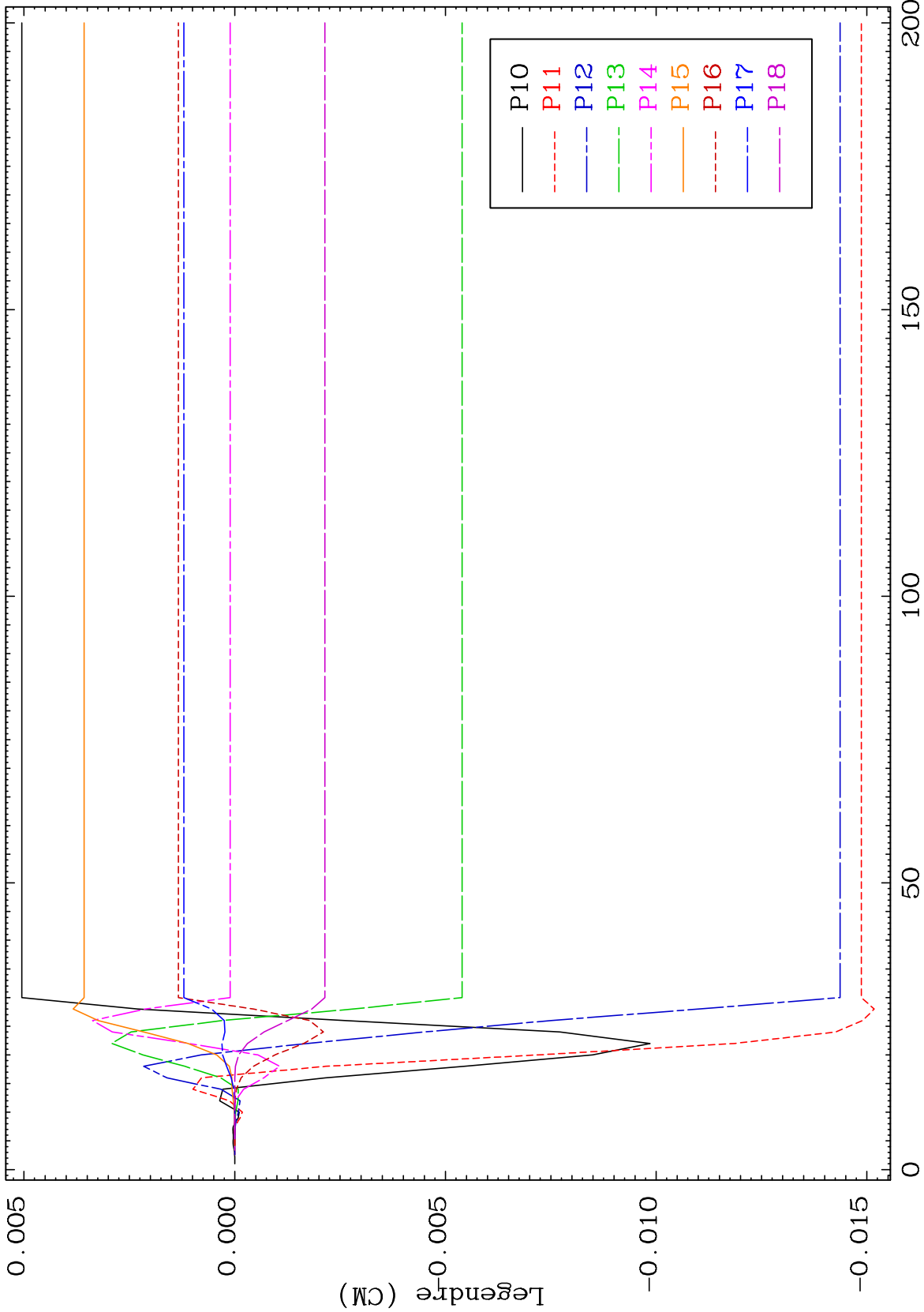
Incident Energy (MeV)

127

MAT 8192

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

82-Pb-193



128

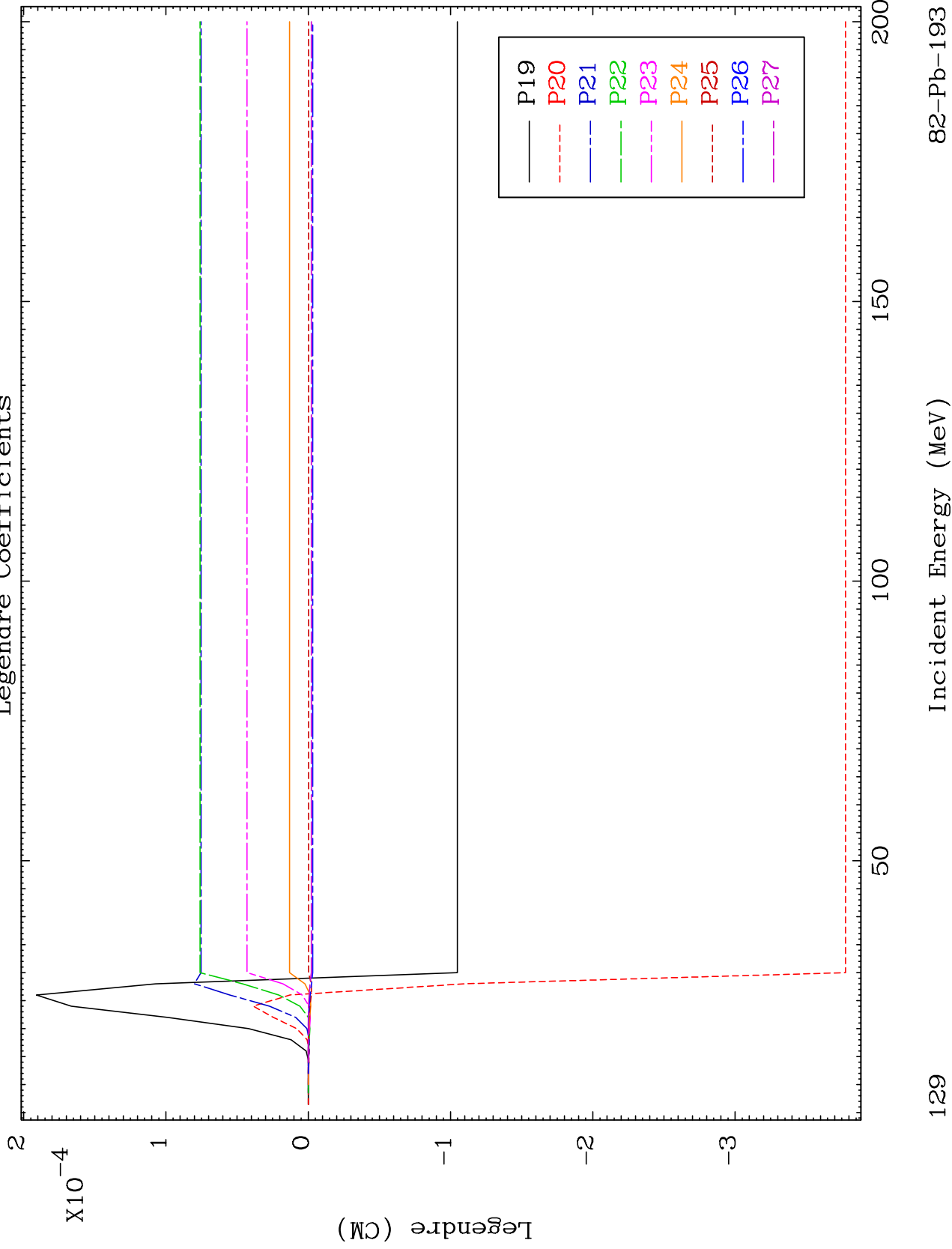
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

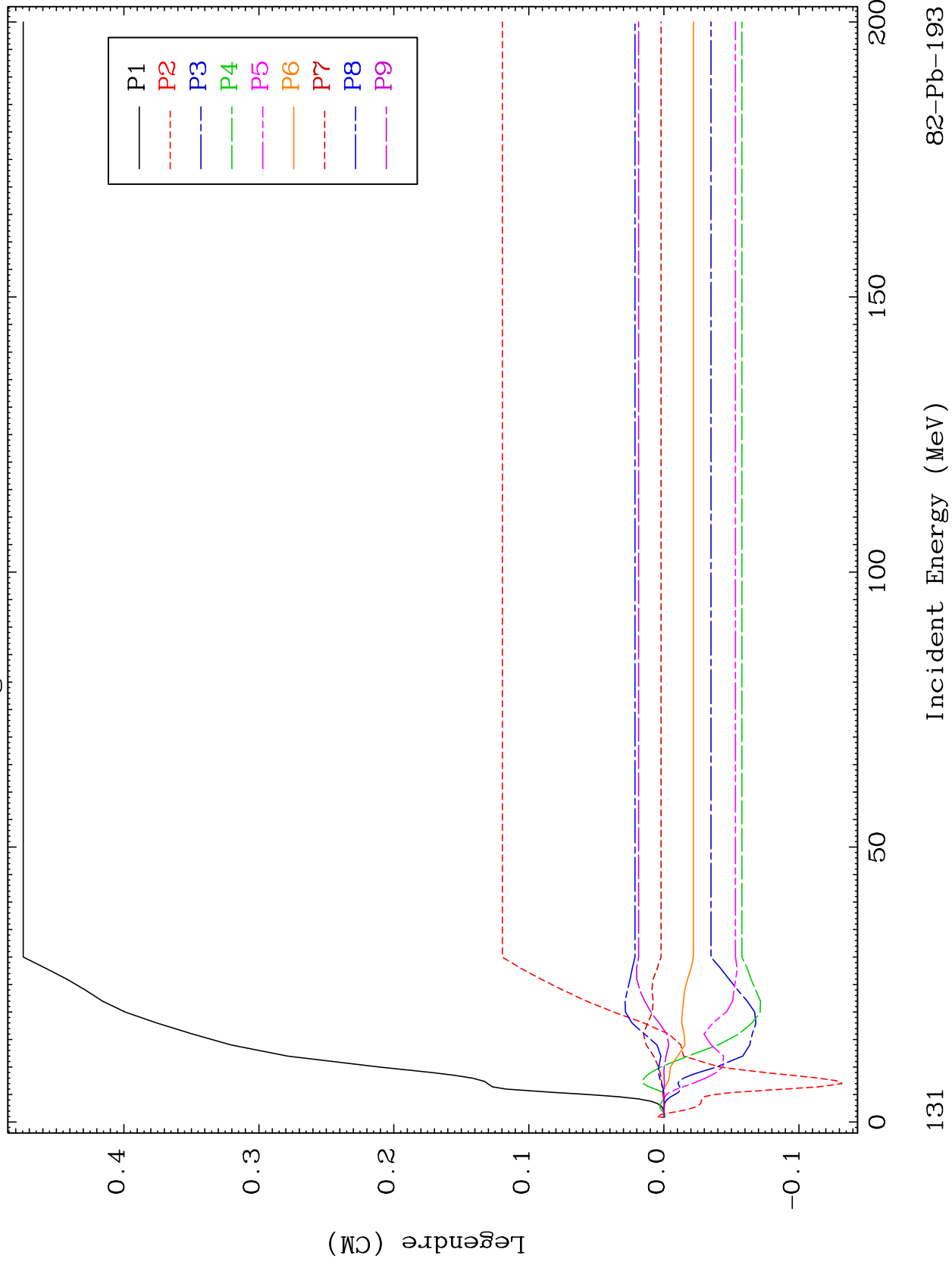
82-Pb-193



MAT 8192

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

82-Pb-193



82-Pb-193

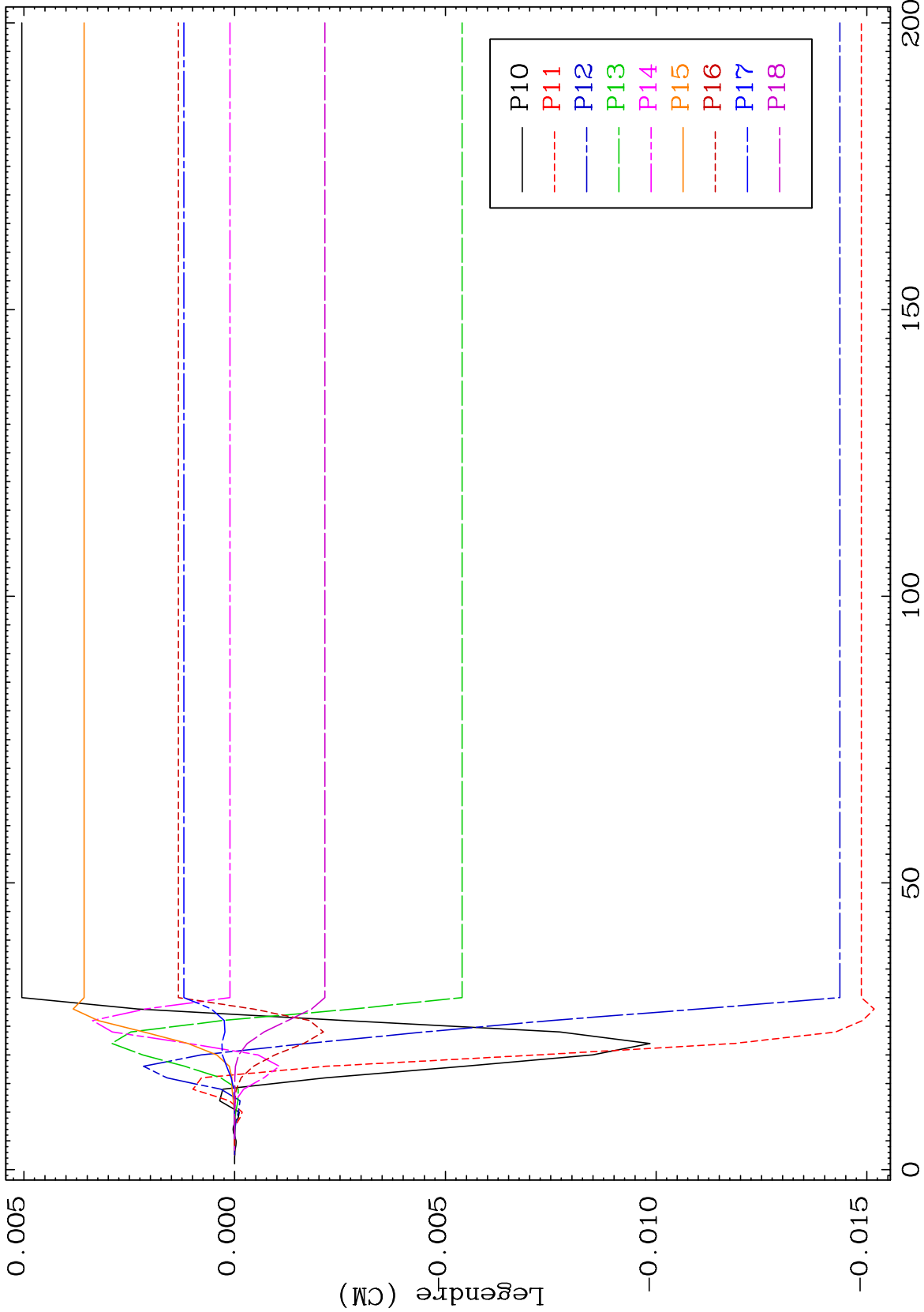
Incident Energy (MeV)

131

MAT 8192

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

82-Pb-193



132

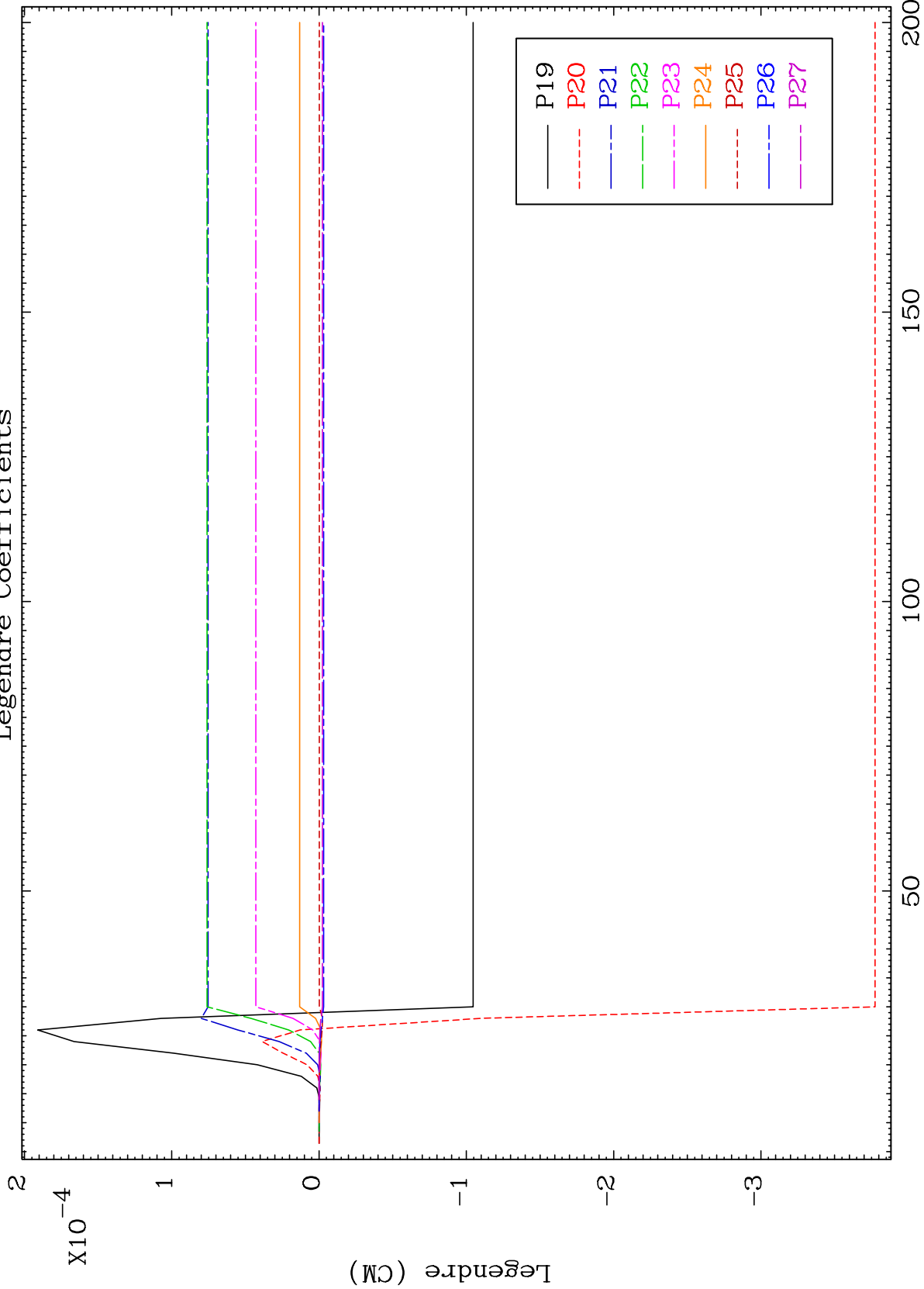
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

82-Pb-193



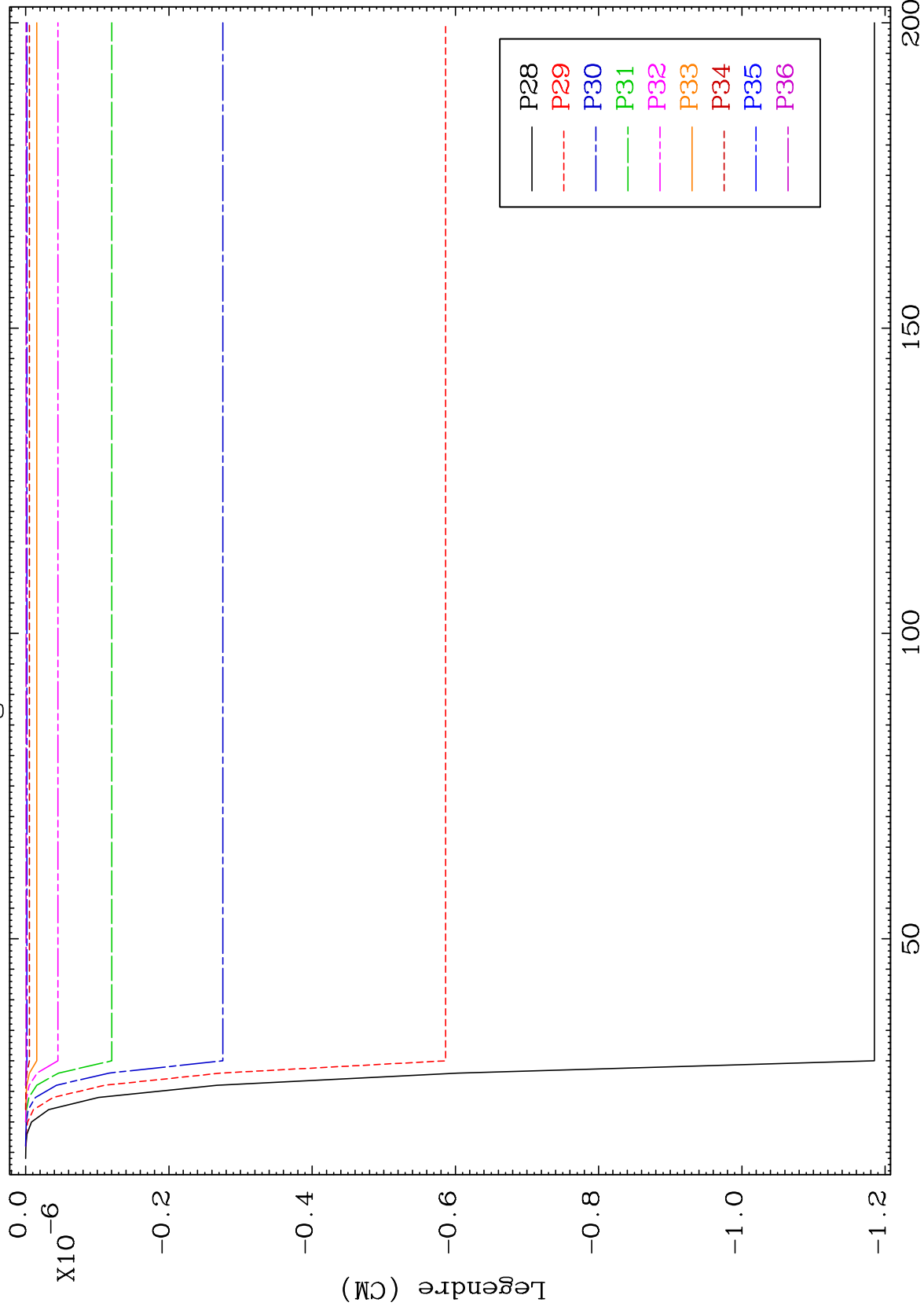
133

82-Pb-193

MAT 8192

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

82-Pb-193



82-Pb-193

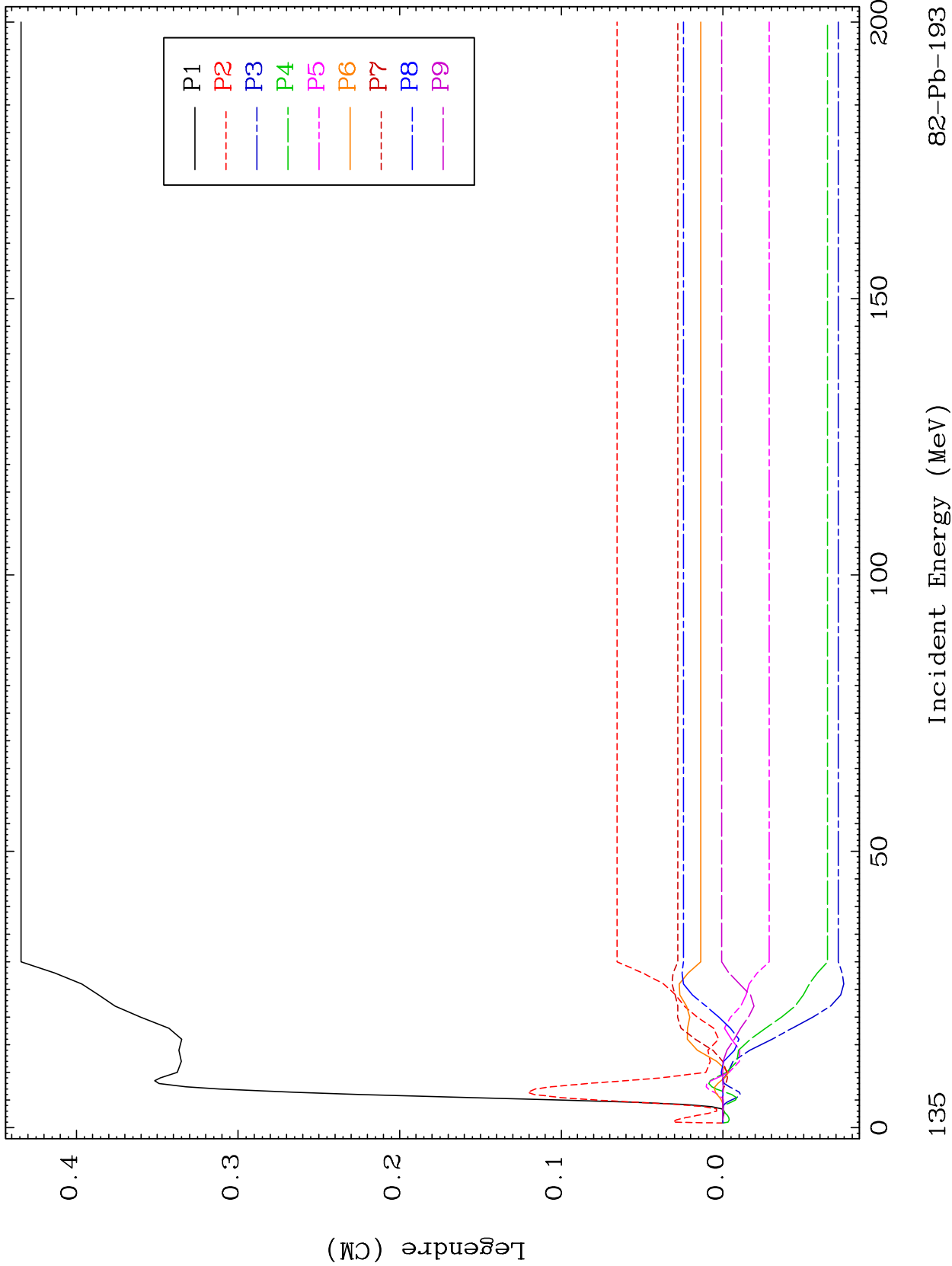
Incident Energy (MeV)

134

MAT 8192

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

82-Pb-193



82-Pb-193

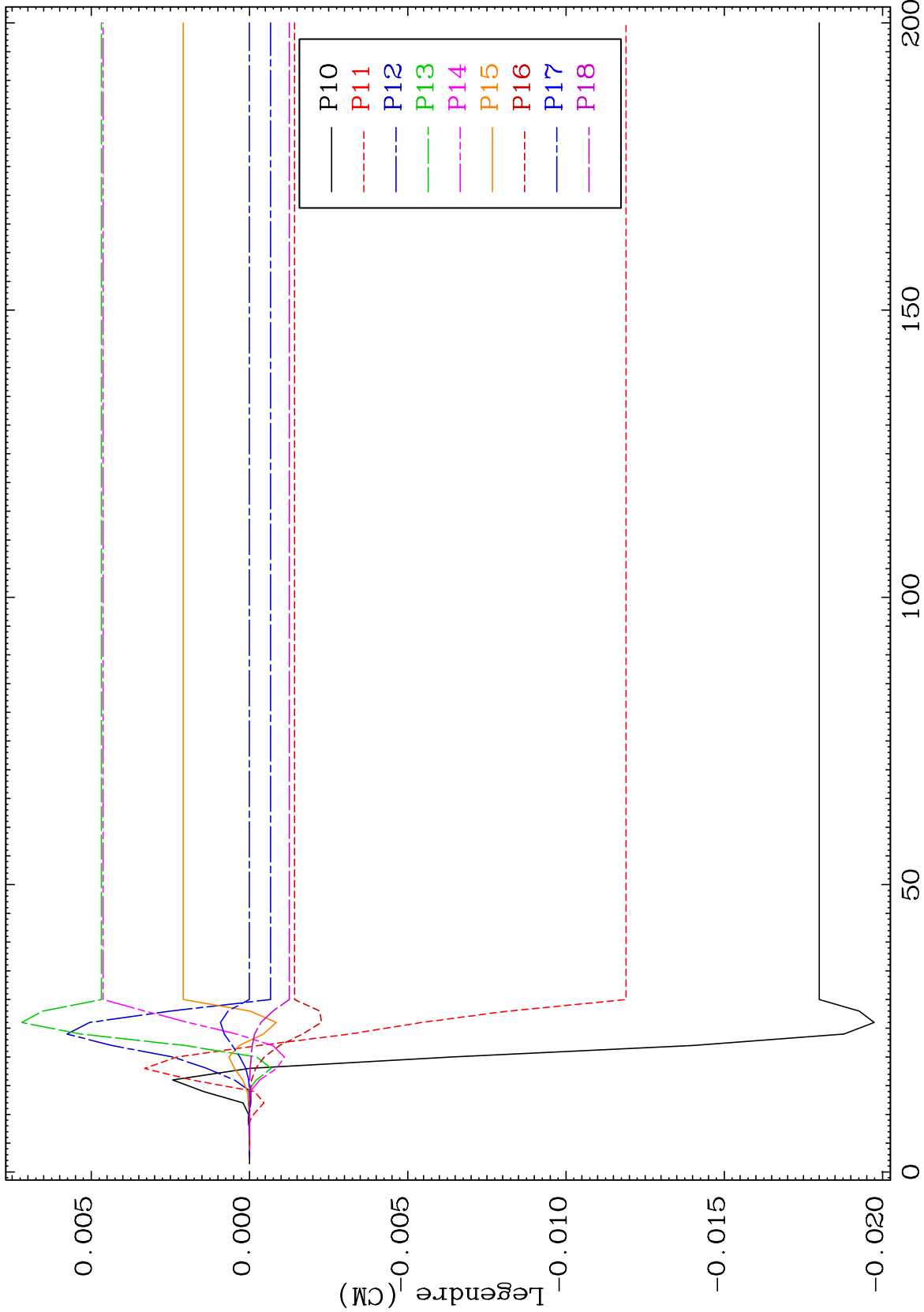
Incident Energy (MeV)

135

MAT 8192

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

82-Pb-193



136

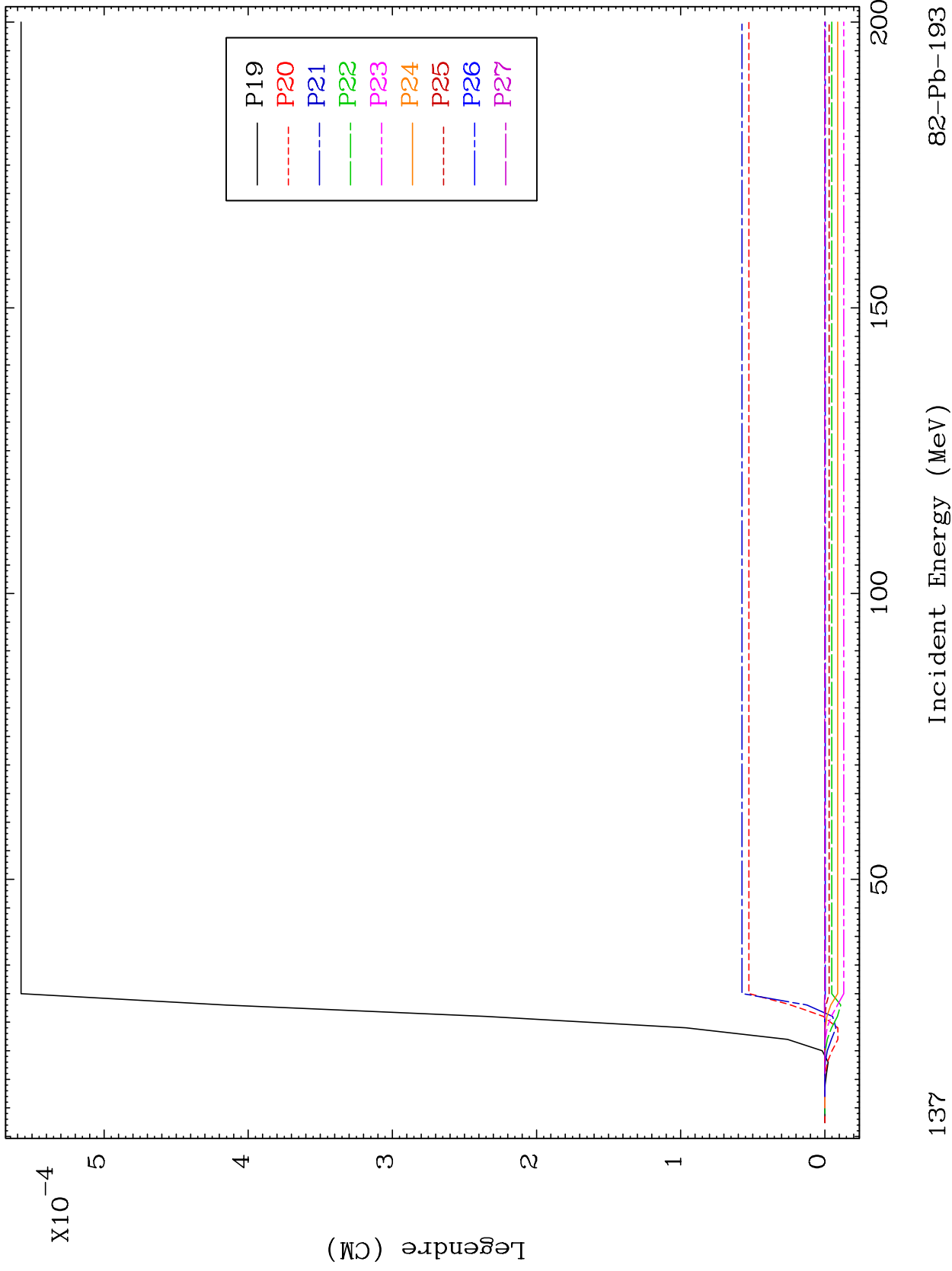
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

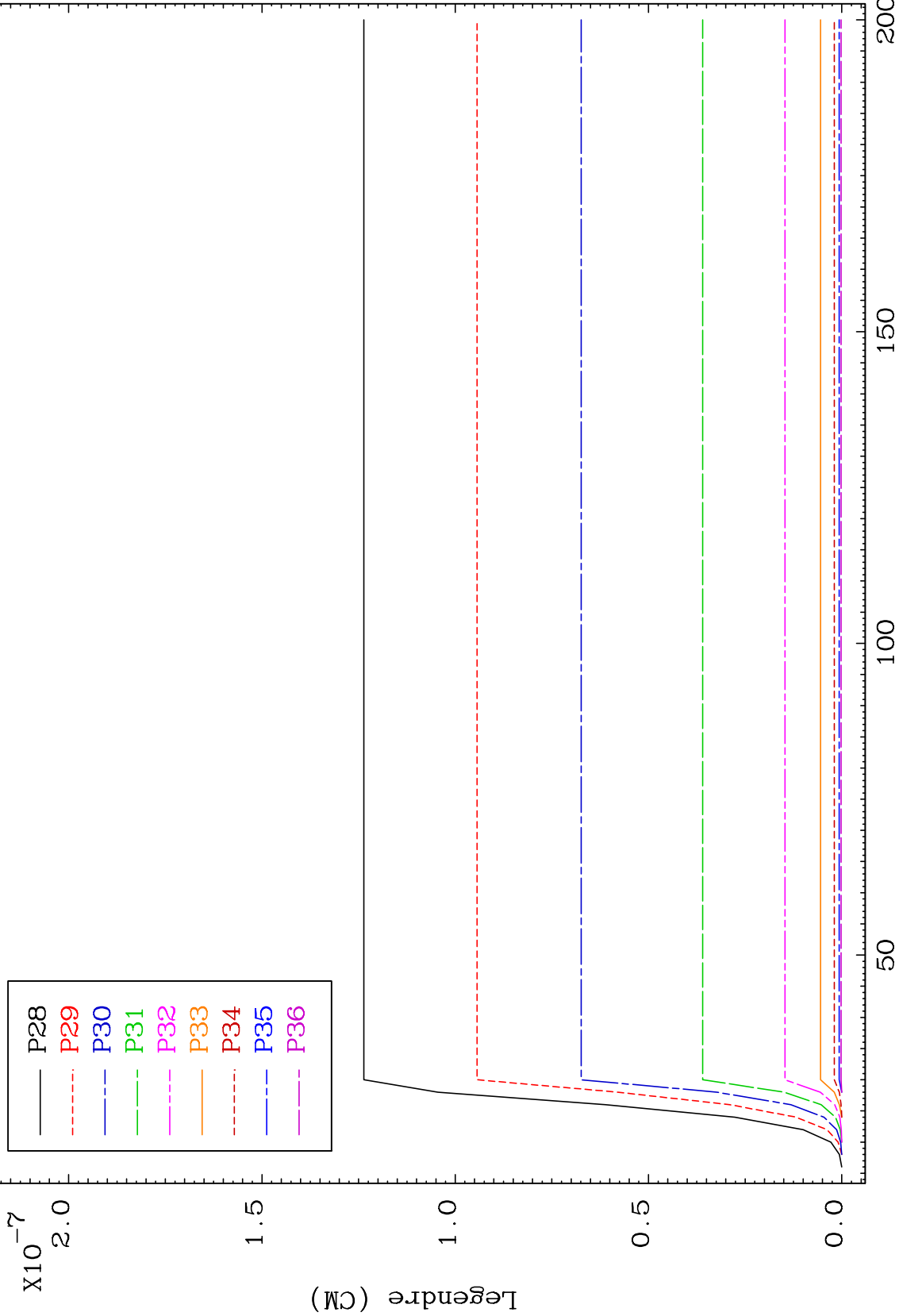
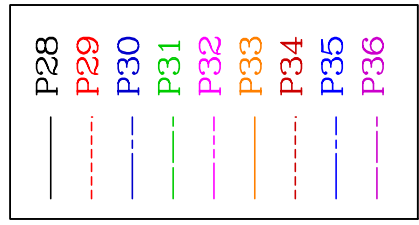
82-Pb-193



MAT 8192

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

82-Pb-193



138

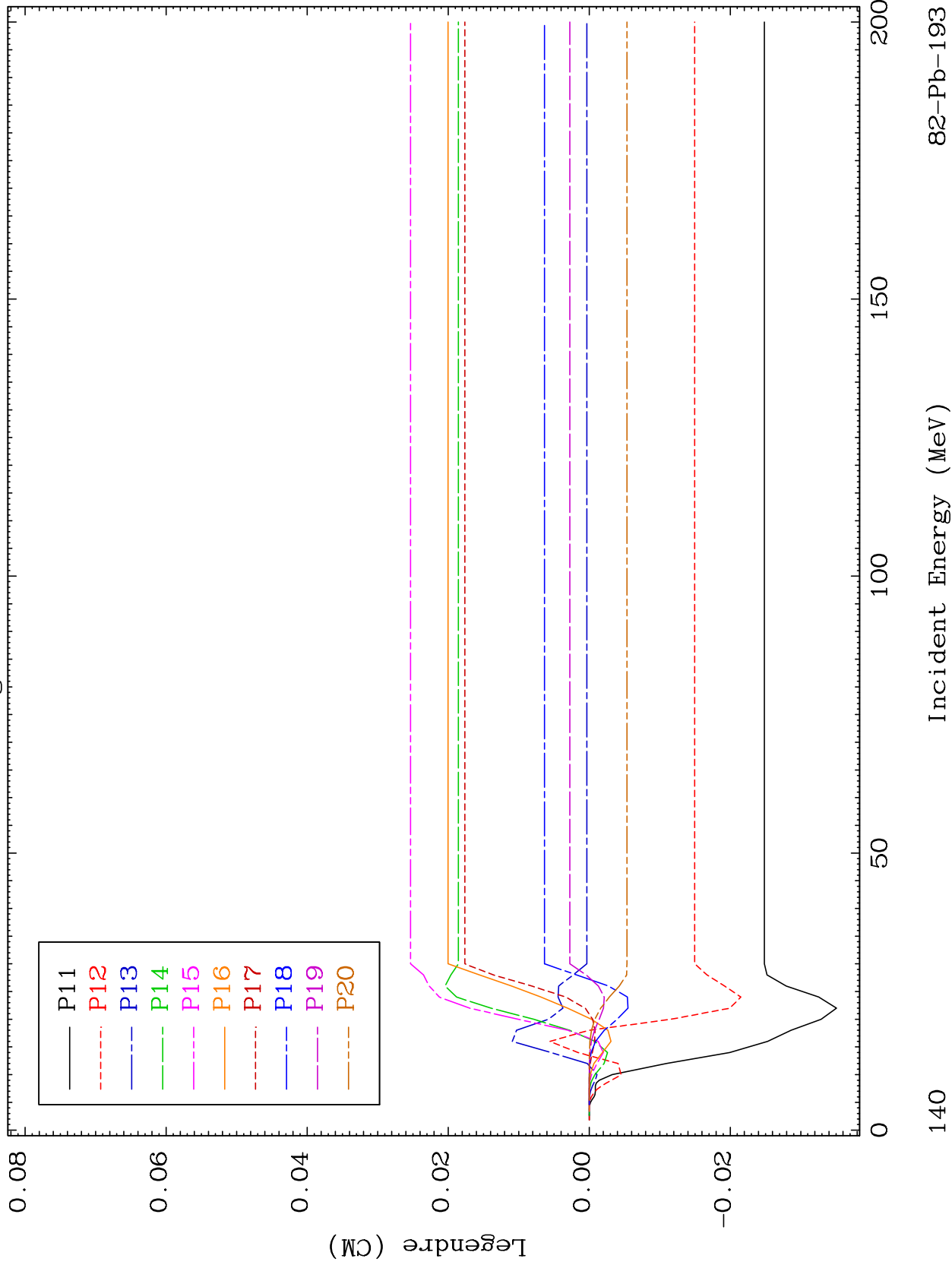
Incident Energy (MeV)

82-Pb-193

MAT 8192

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

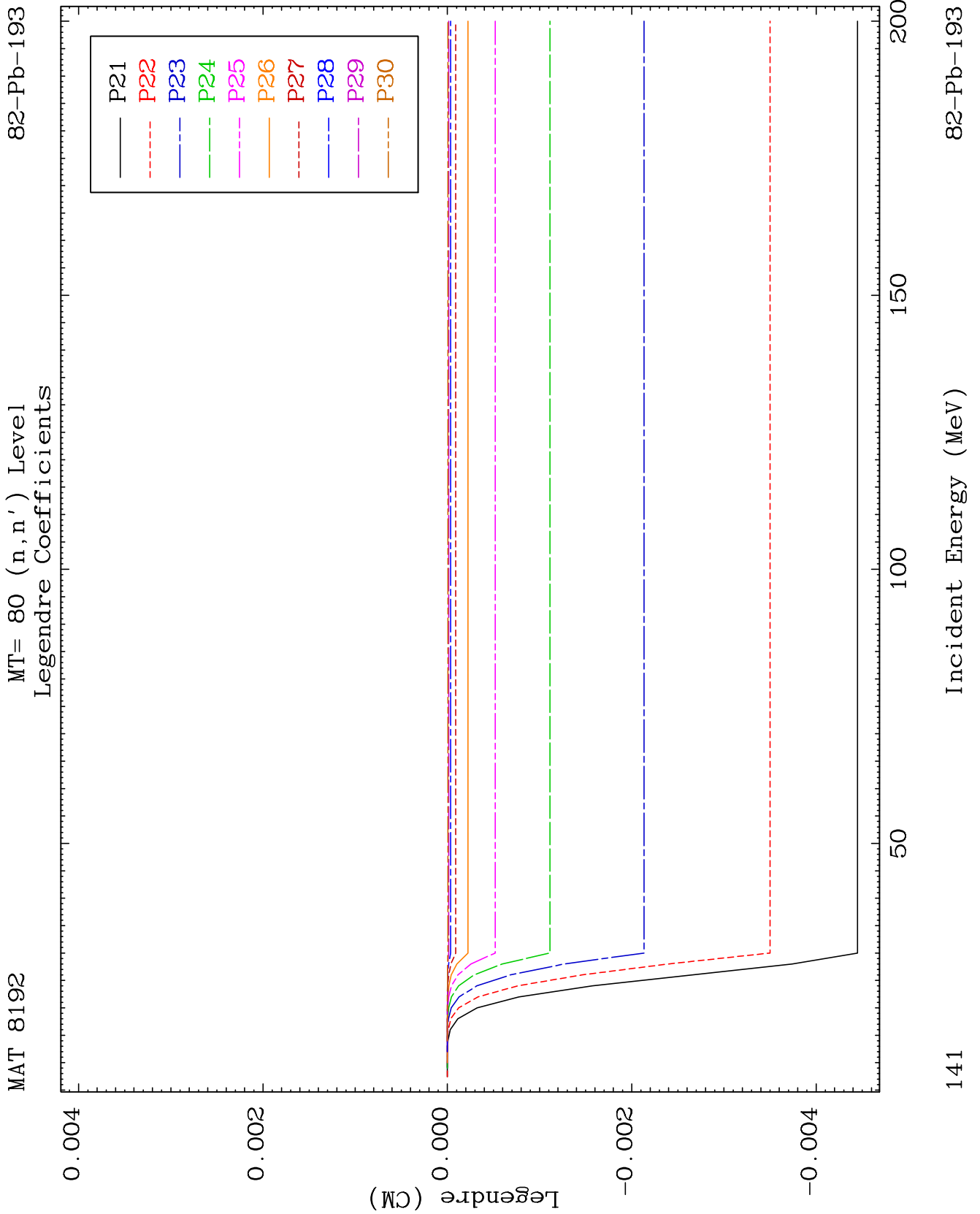
82-Pb-193

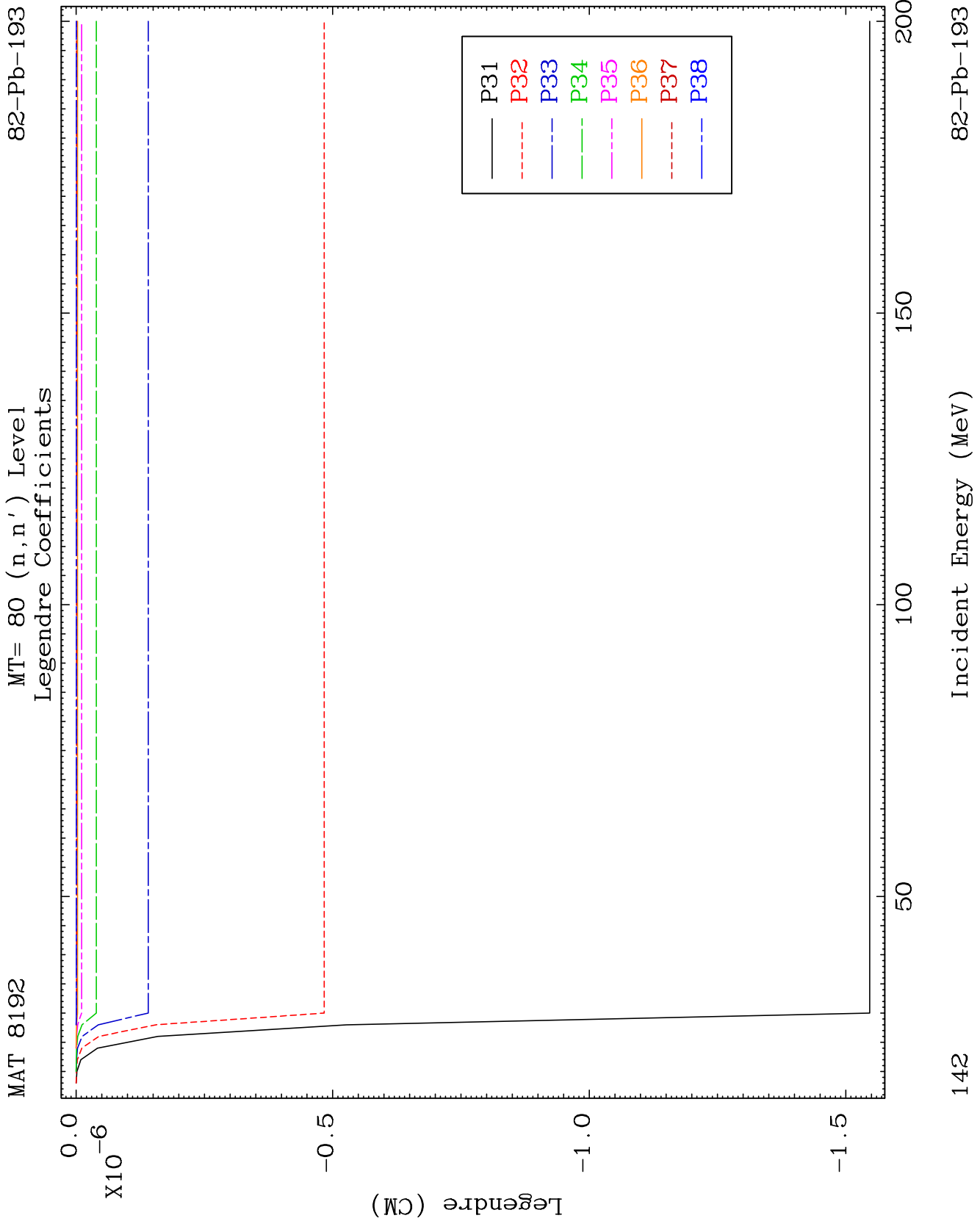


82-Pb-193

Incident Energy (MeV)

140

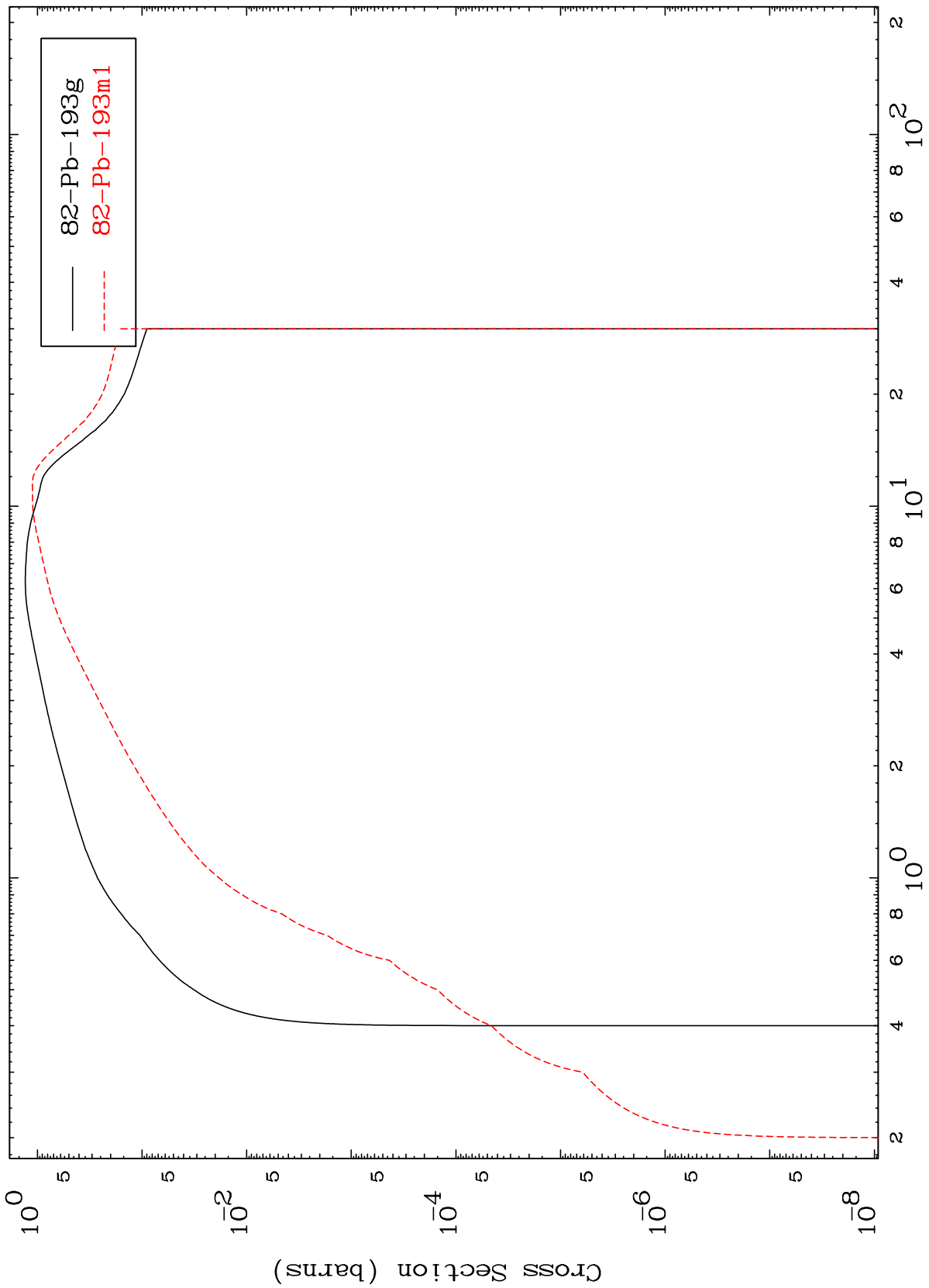




MAT 8192

82-Pb-193

Inelastic
Radionuclide Production Cross Section

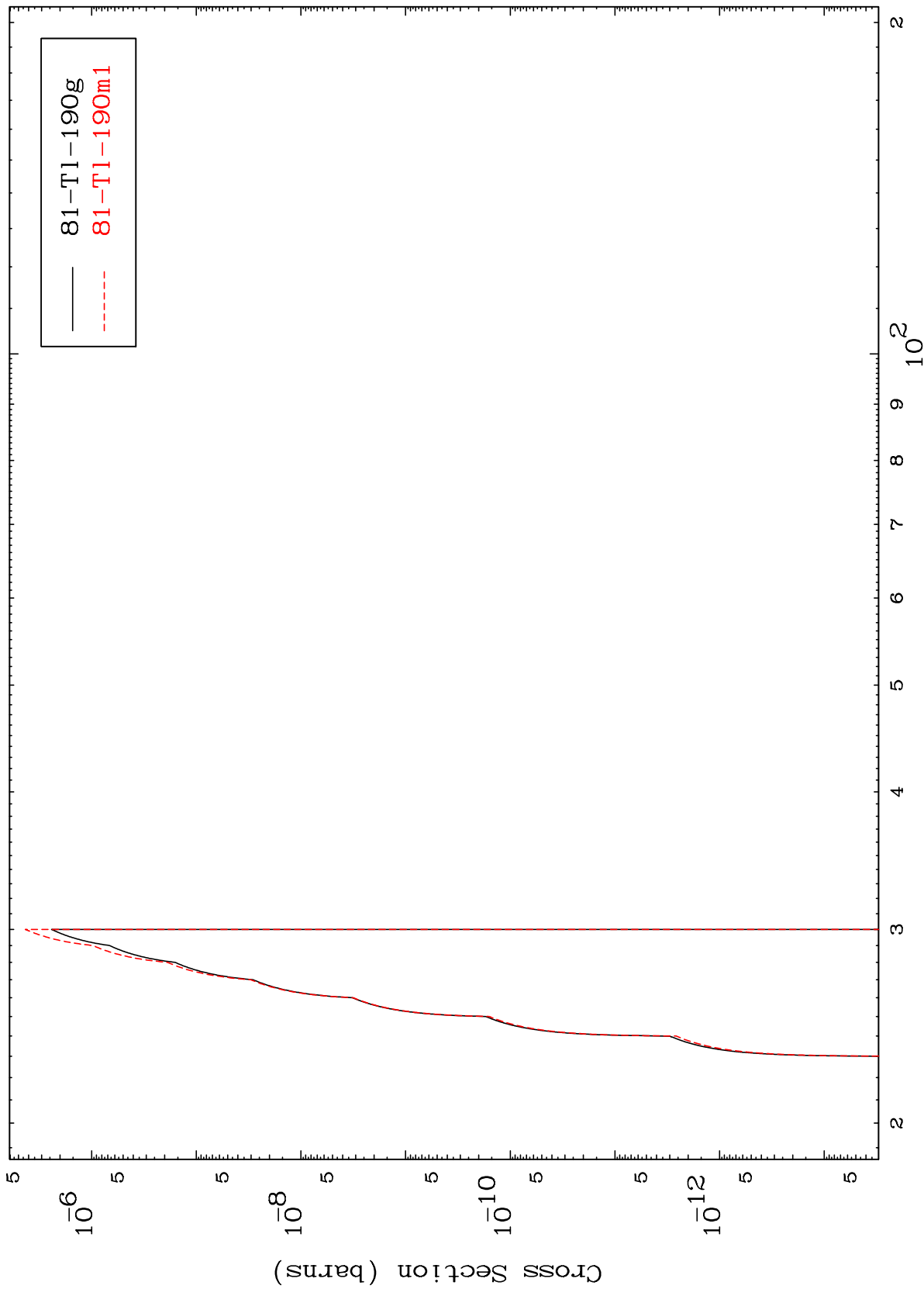


143

Incident Energy (MeV)

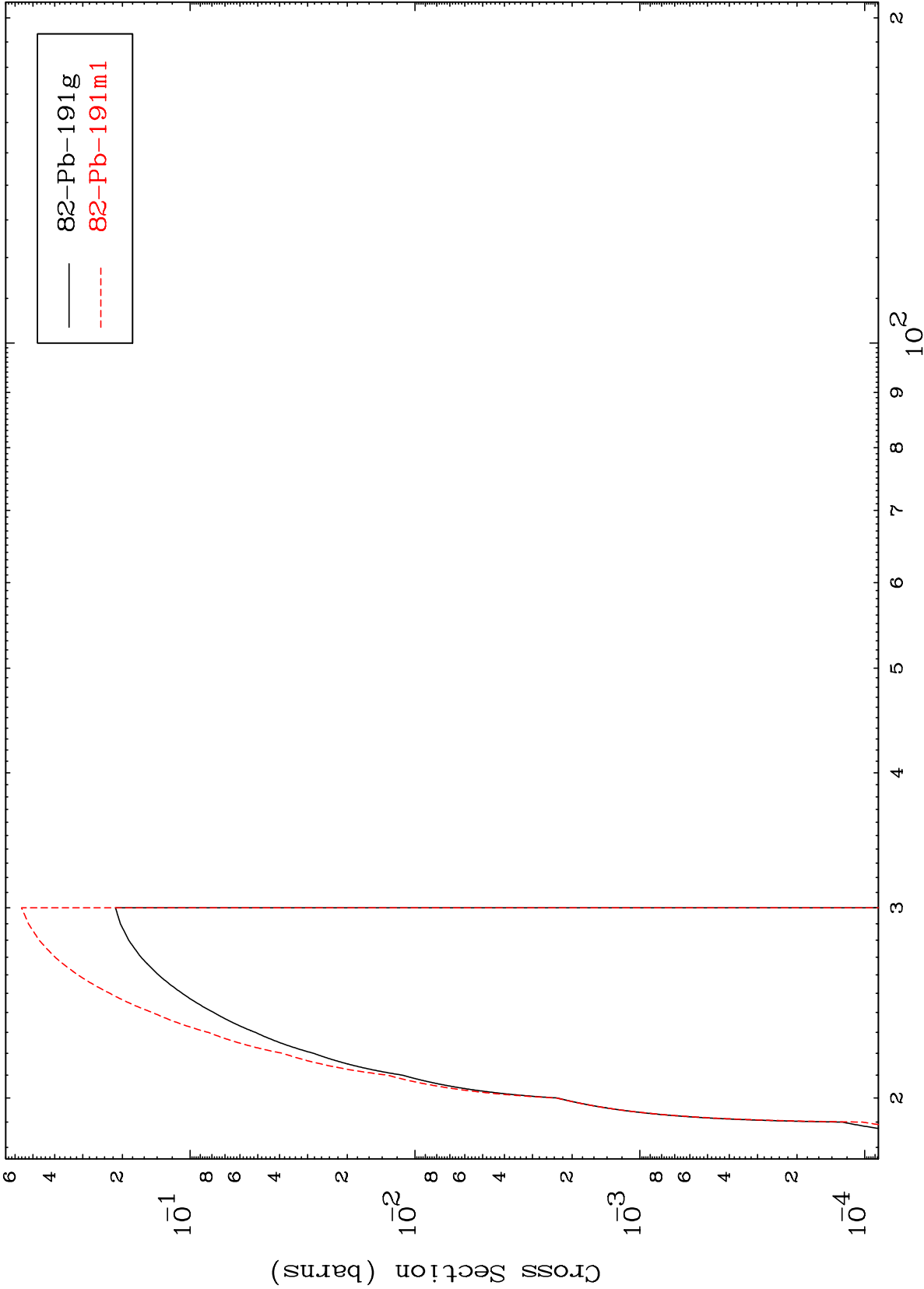
82-Pb-193

Radionuclide Production Cross Section



81-Tl-190g
81-Tl-190m1

Radionuclide Production Cross Section

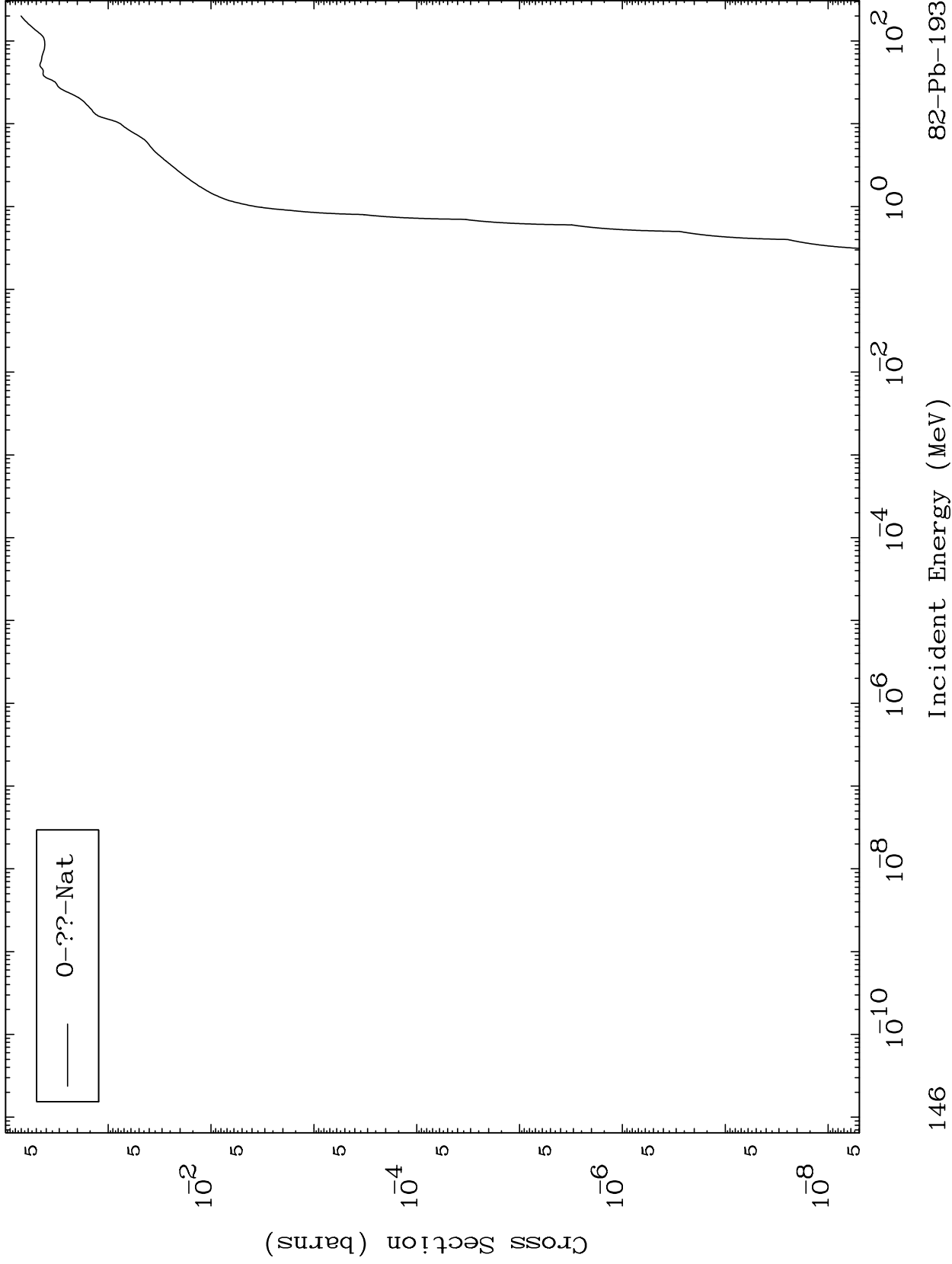


MAT 8192

Fission

82-Pb-193

Radionuclide Production Cross Section

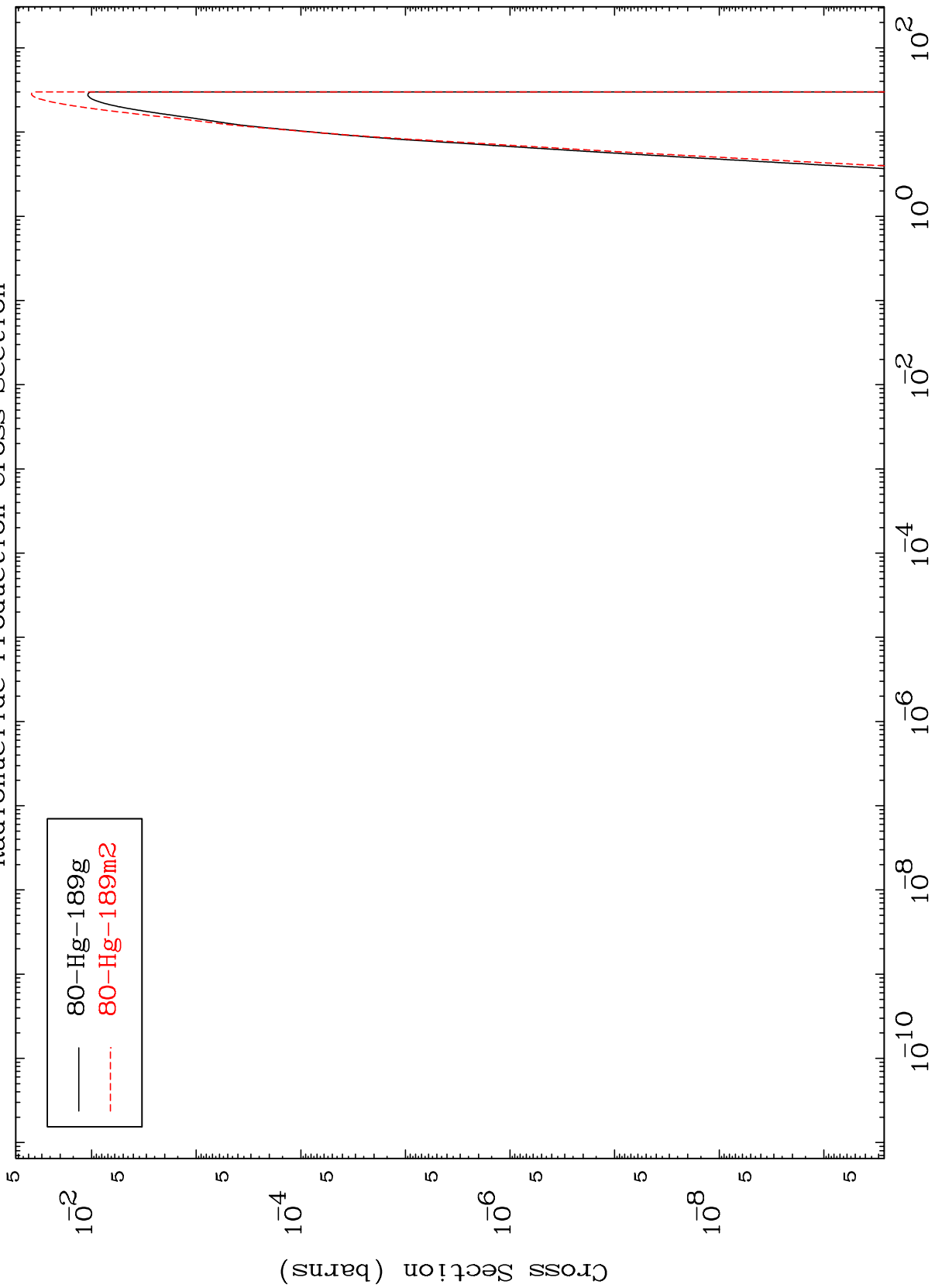


MAT 8192

$(n, n') \alpha$

82-Pb-193

Radionuclide Production Cross Section



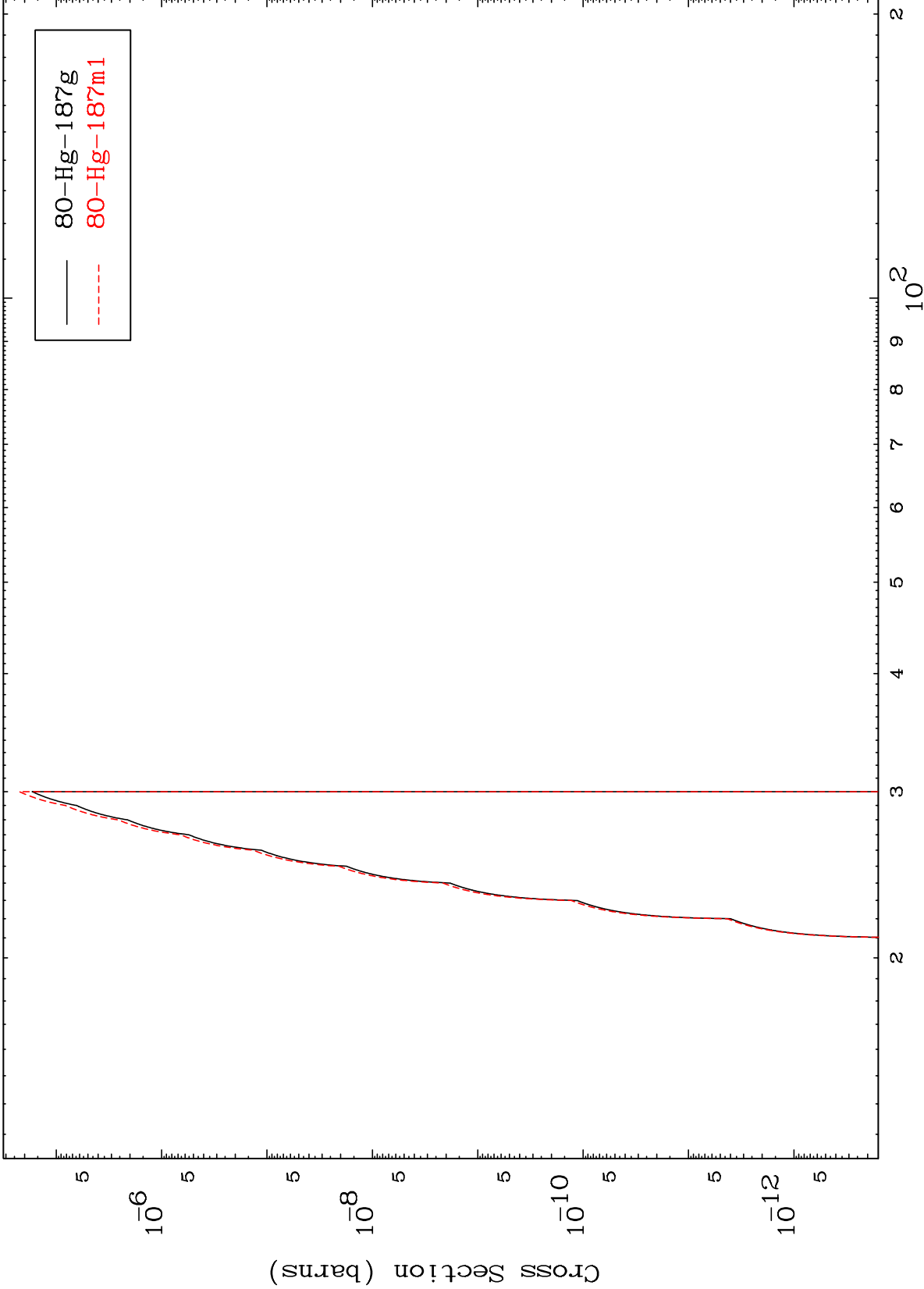
80-Hg-189g
80-Hg-189m2

147

Incident Energy (MeV)

82-Pb-193

Radionuclide Production Cross Section

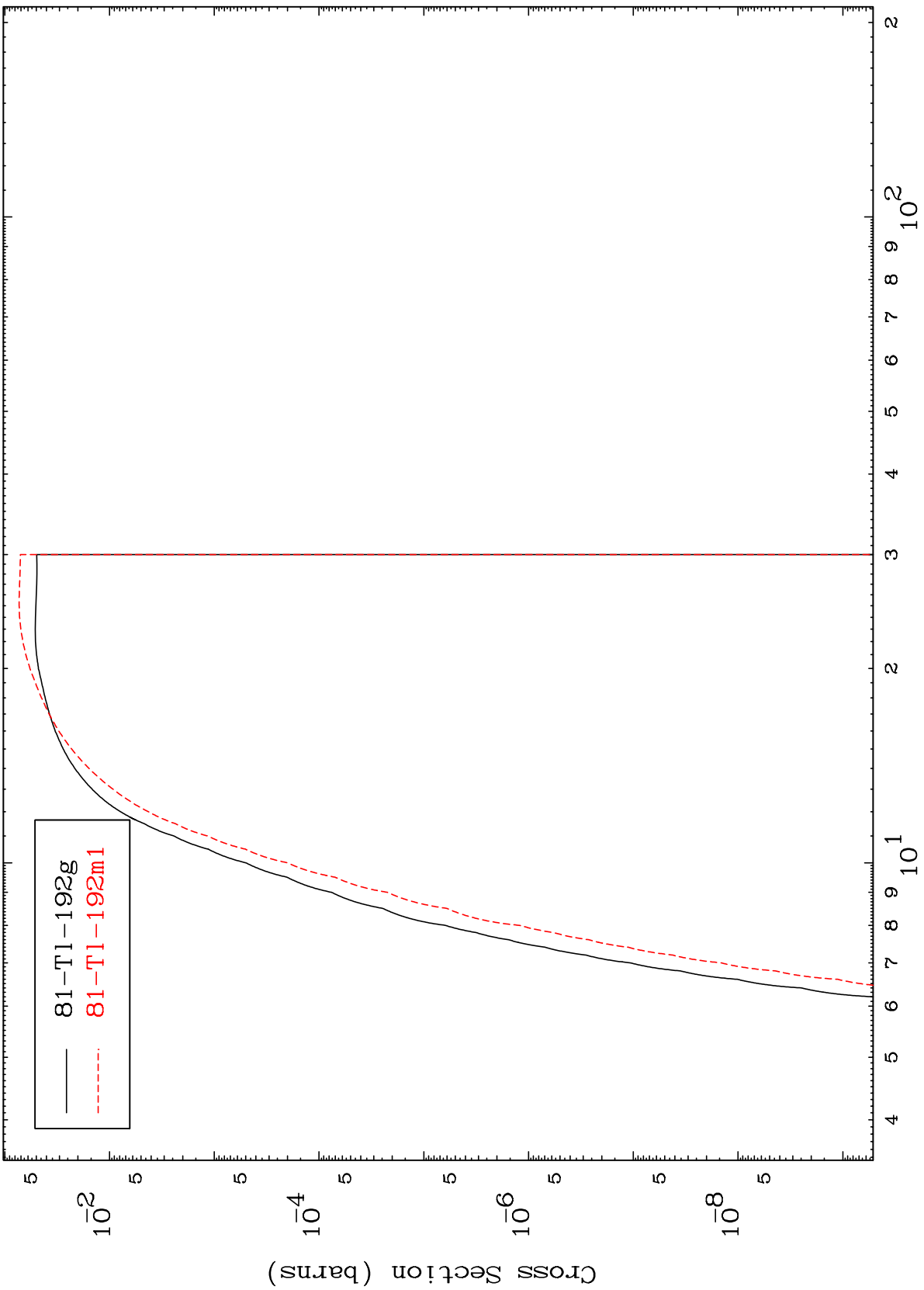


MAT 8192

(n,n') p

82-Pb-193

Radionuclide Production Cross Section



149

Incident Energy (MeV)

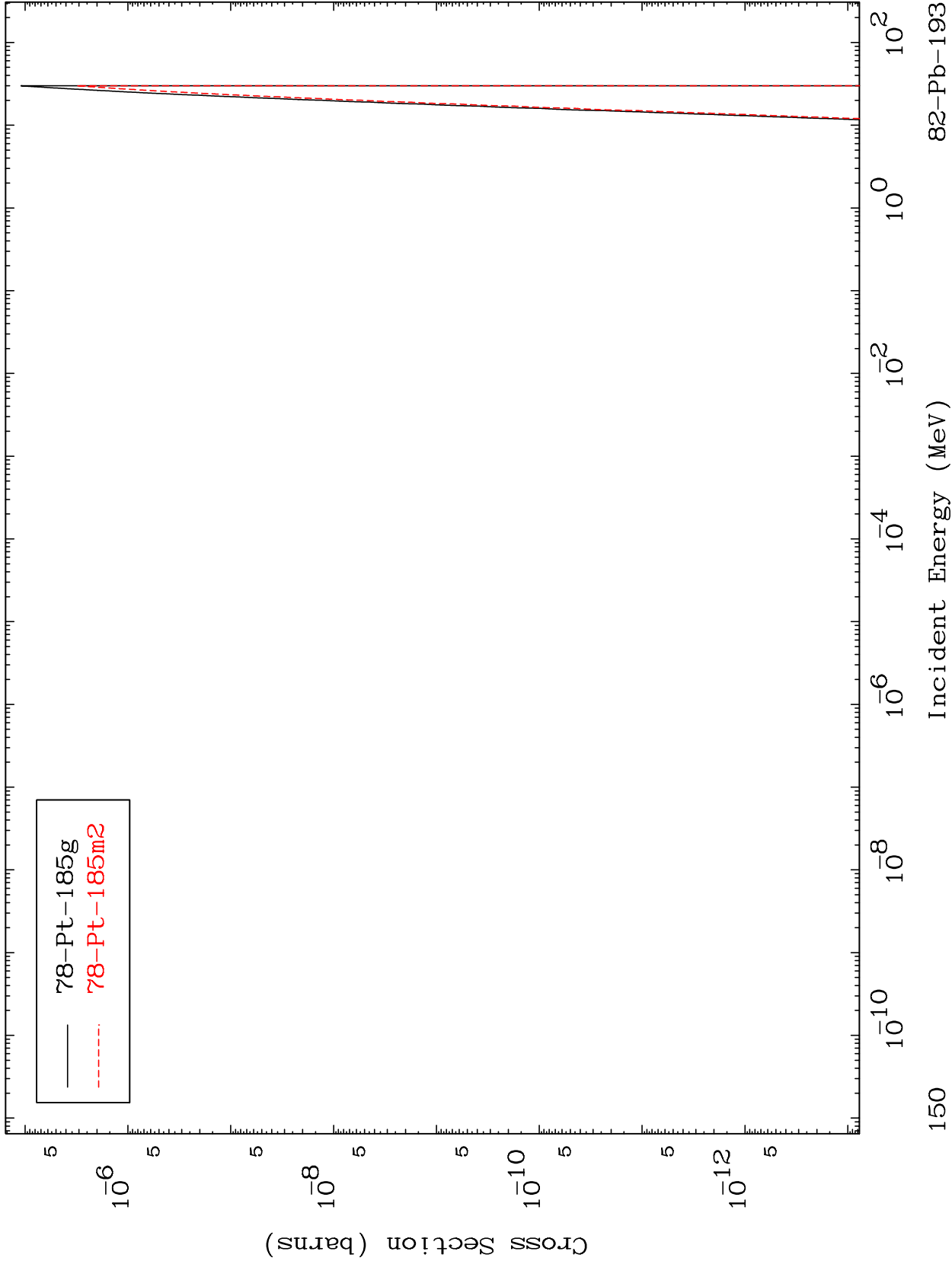
82-Pb-193

MAT 8192

(n,n') 2 α

82-Pb-193

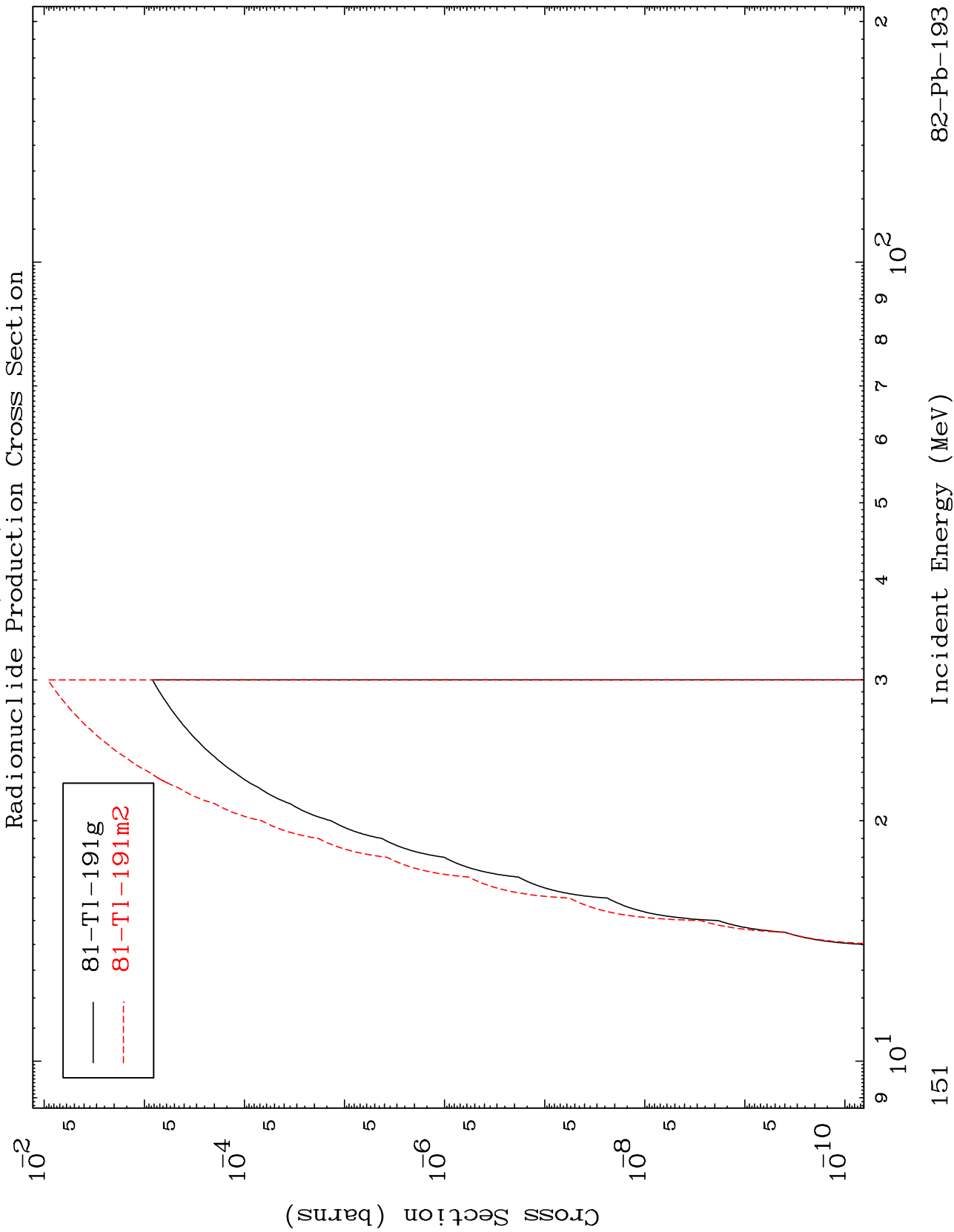
Radionuclide Production Cross Section



MAT 8192

(n,n') d

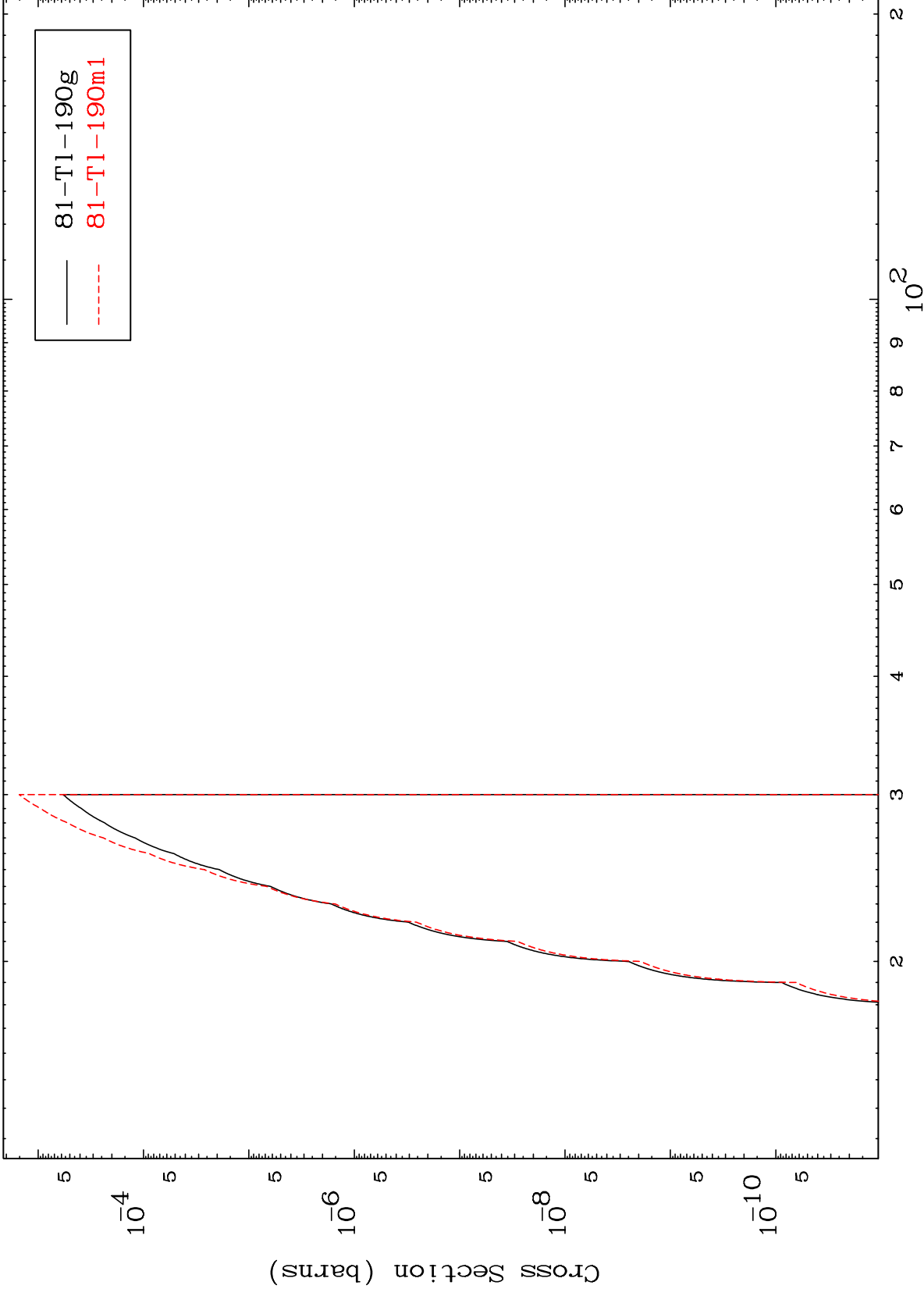
82-Pb-193



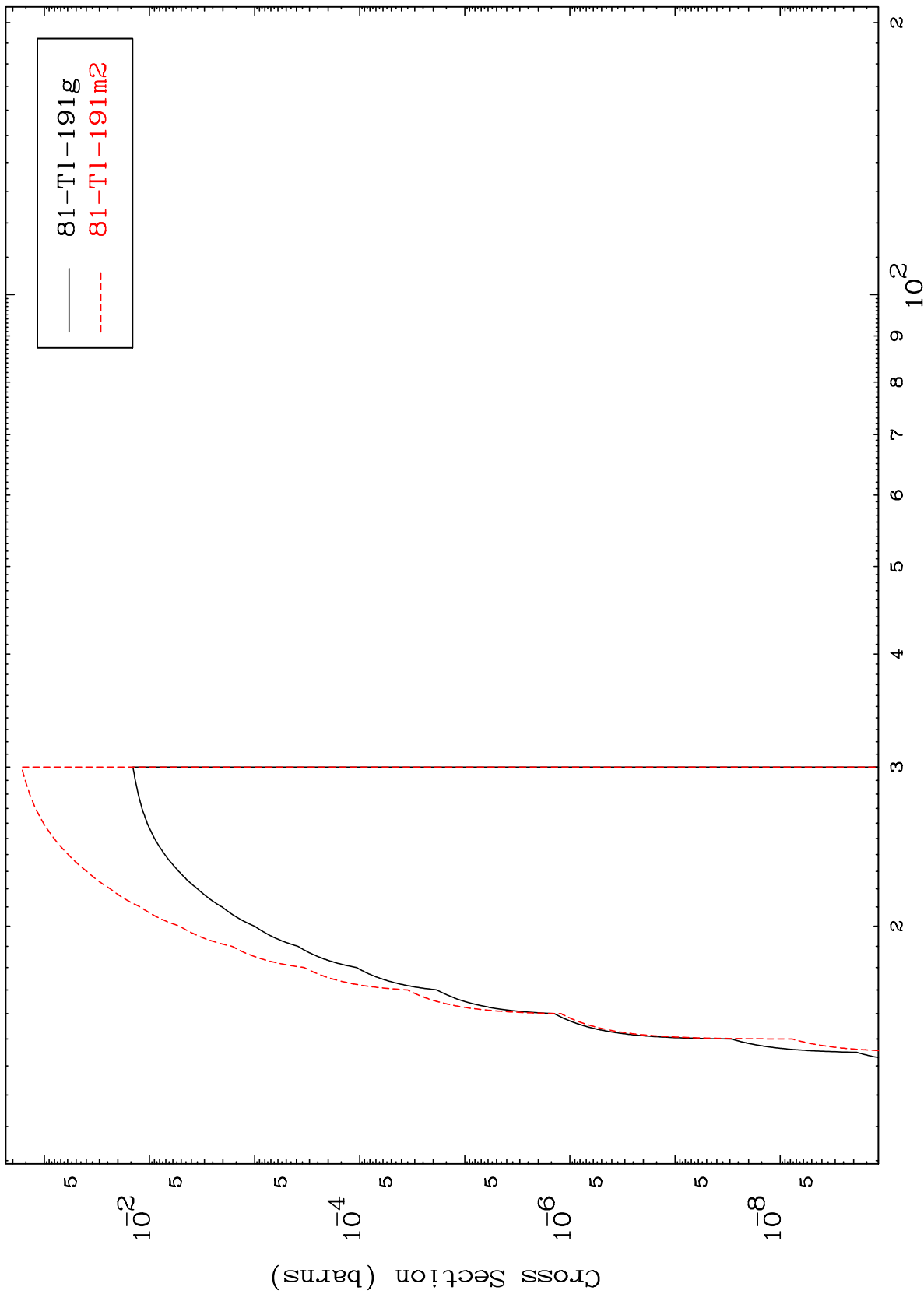
151

82-Pb-193

Radionuclide Production Cross Section

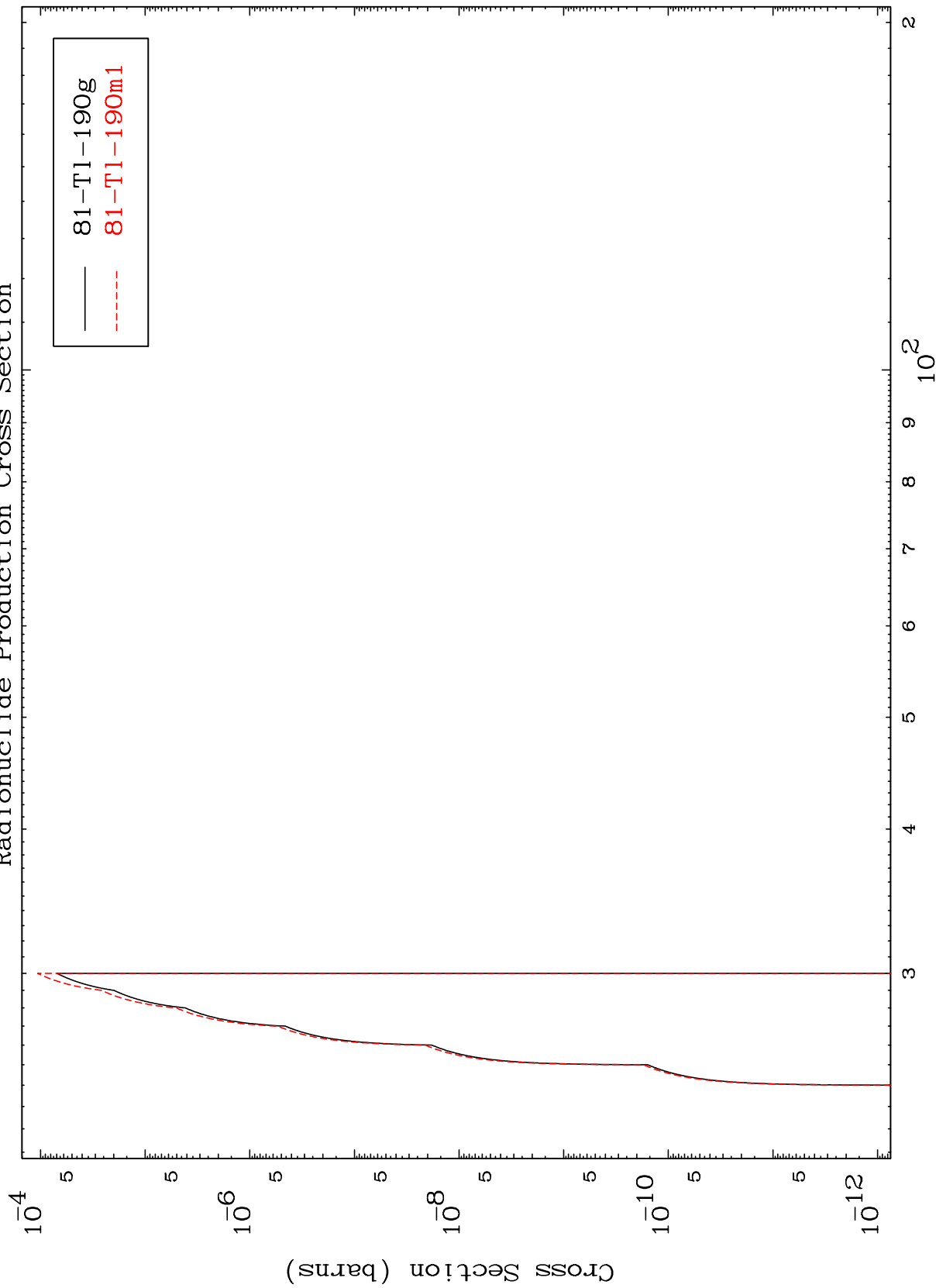


Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

Radionuclide Production Cross Section

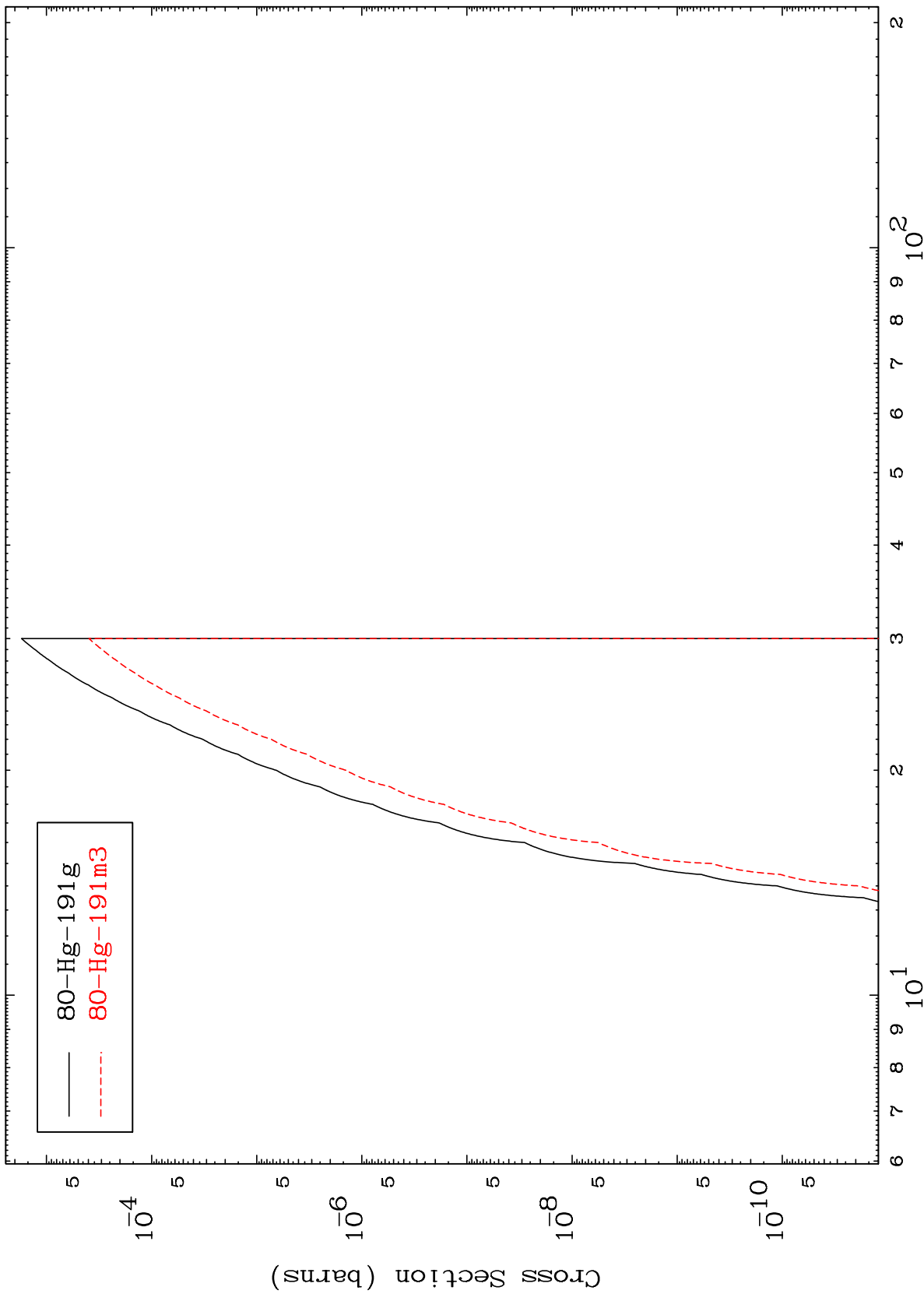


MAT 8192

(n,2n) p

82-Pb-193

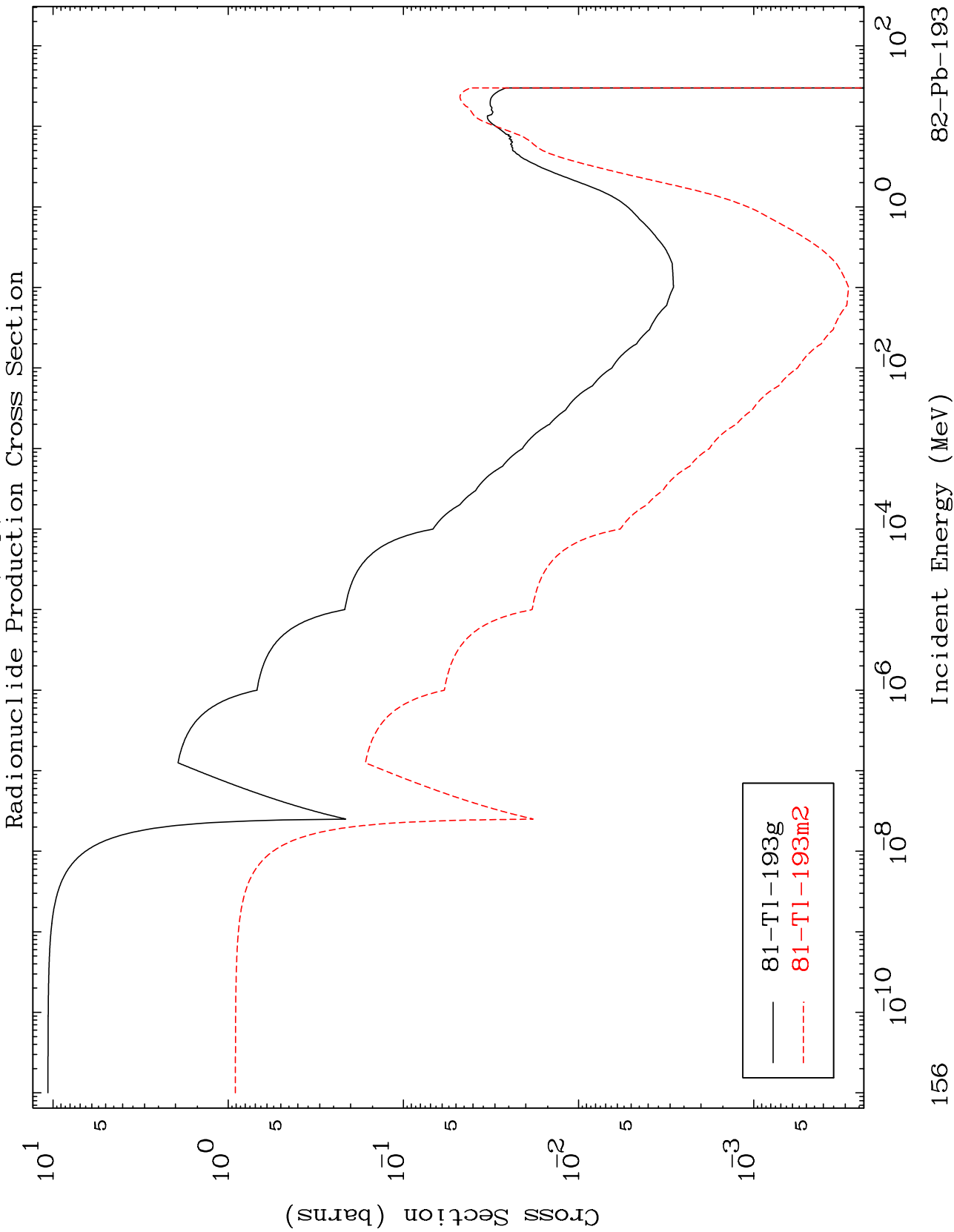
Radionuclide Production Cross Section



155

Incident Energy (MeV)

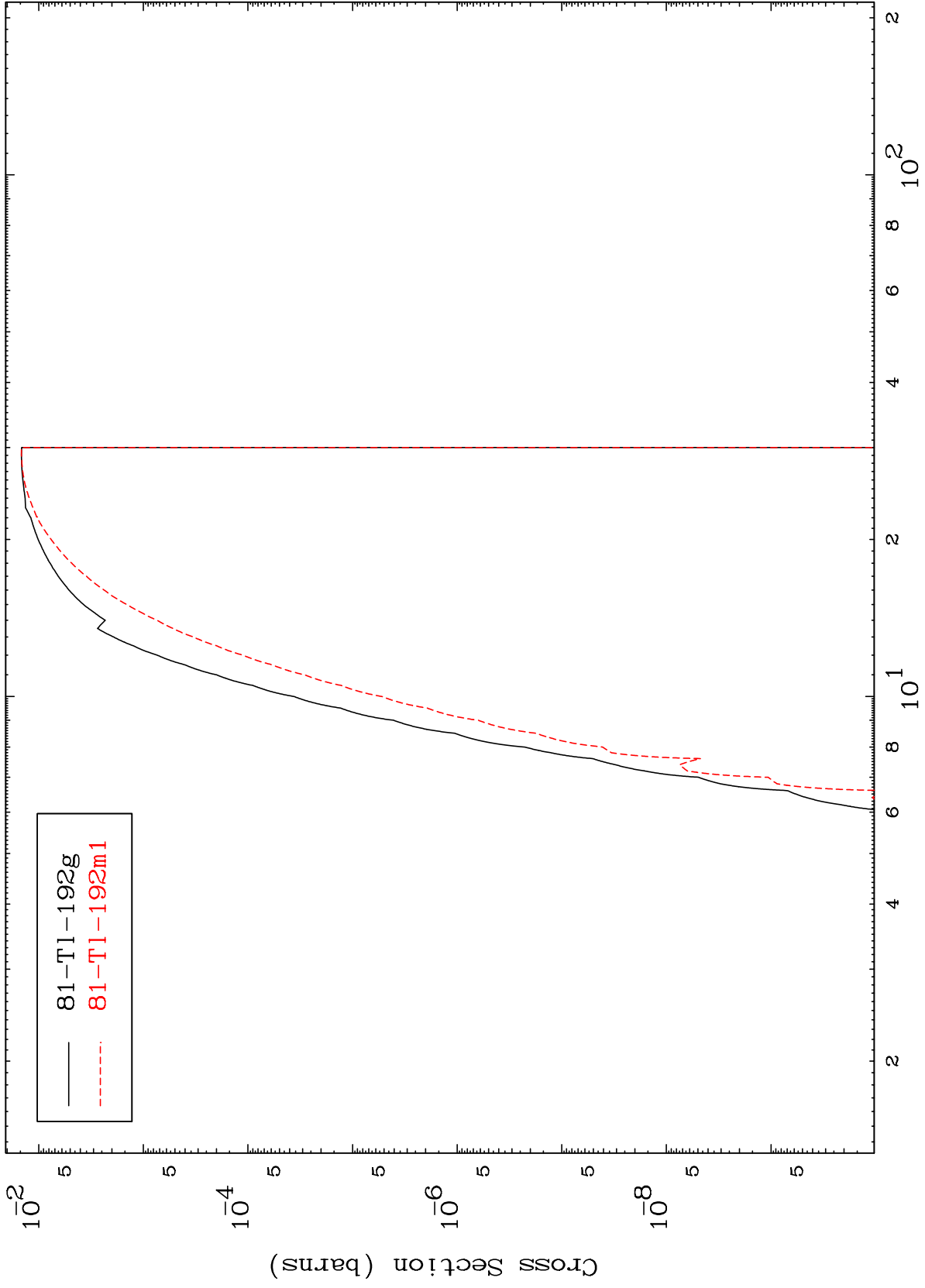
82-Pb-193



MAT 8192

82-Pb-193

(n,d)
Radionuclide Production Cross Section



157

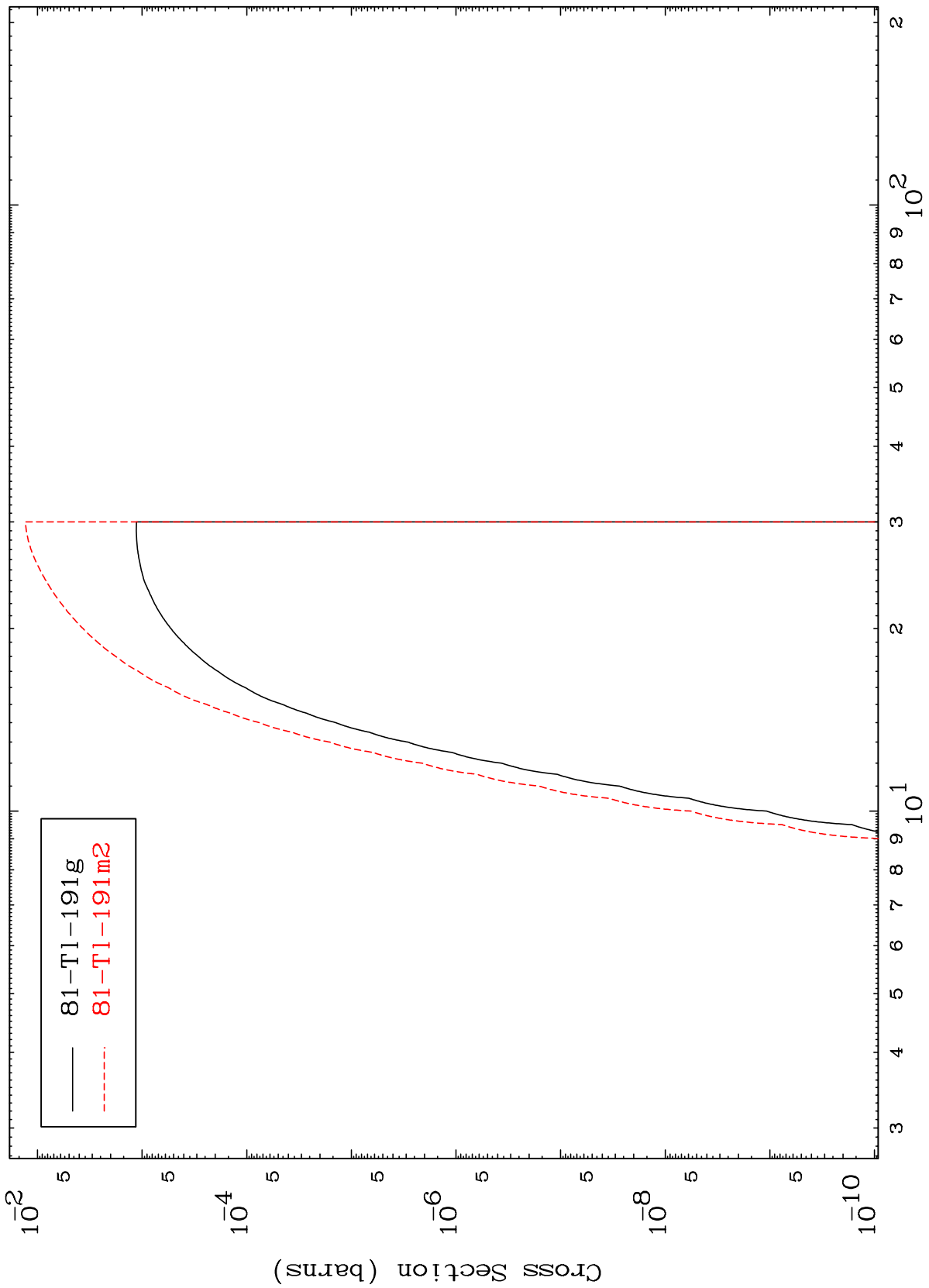
82-Pb-193

Incident Energy (MeV)

MAT 8192

82-Pb-193

(n, t)
Radionuclide Production Cross Section



158

Incident Energy (MeV)

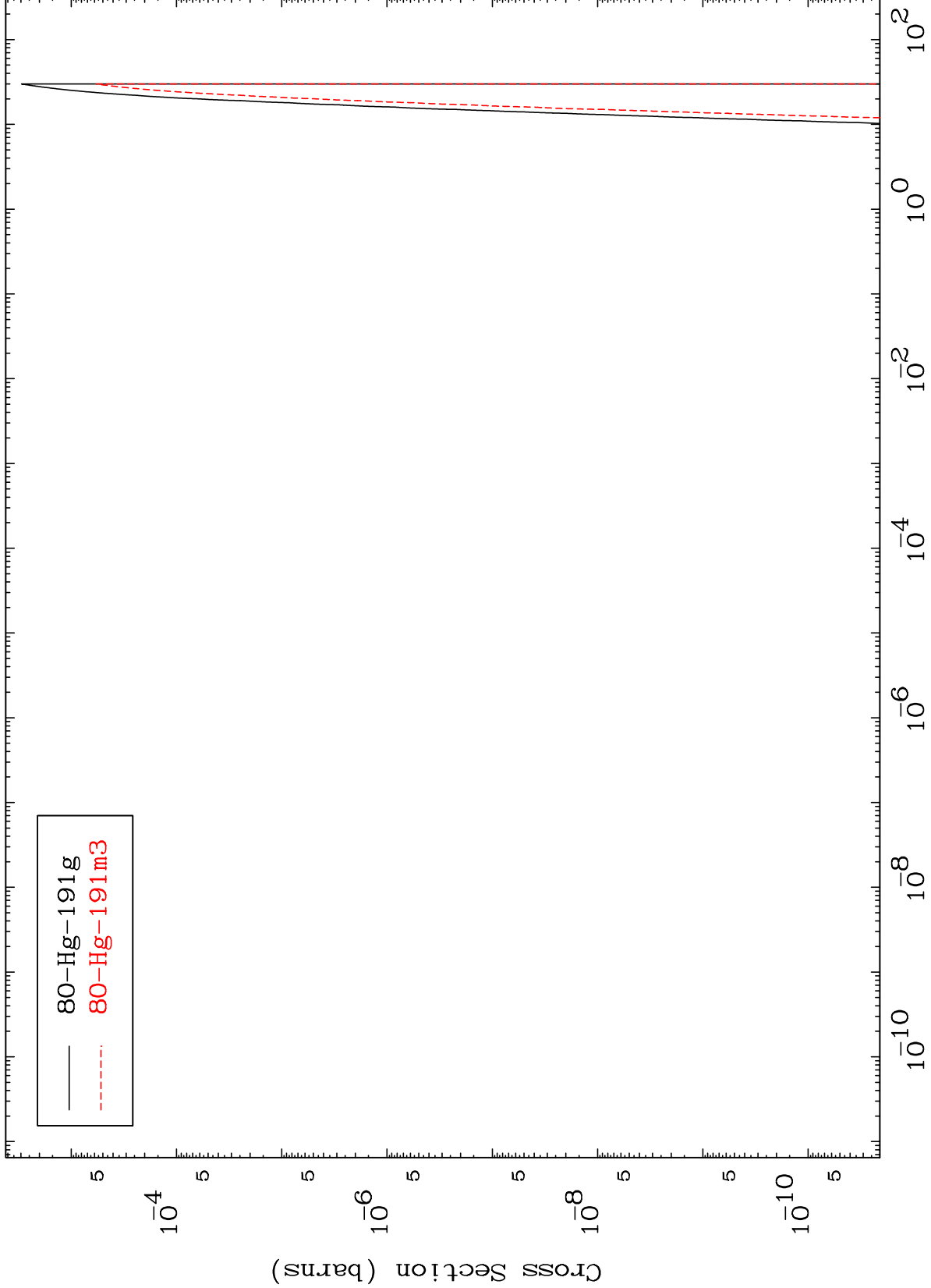
82-Pb-193

MAT 8192

(n,He-3)

82-Pb-193

Radionuclide Production Cross Section



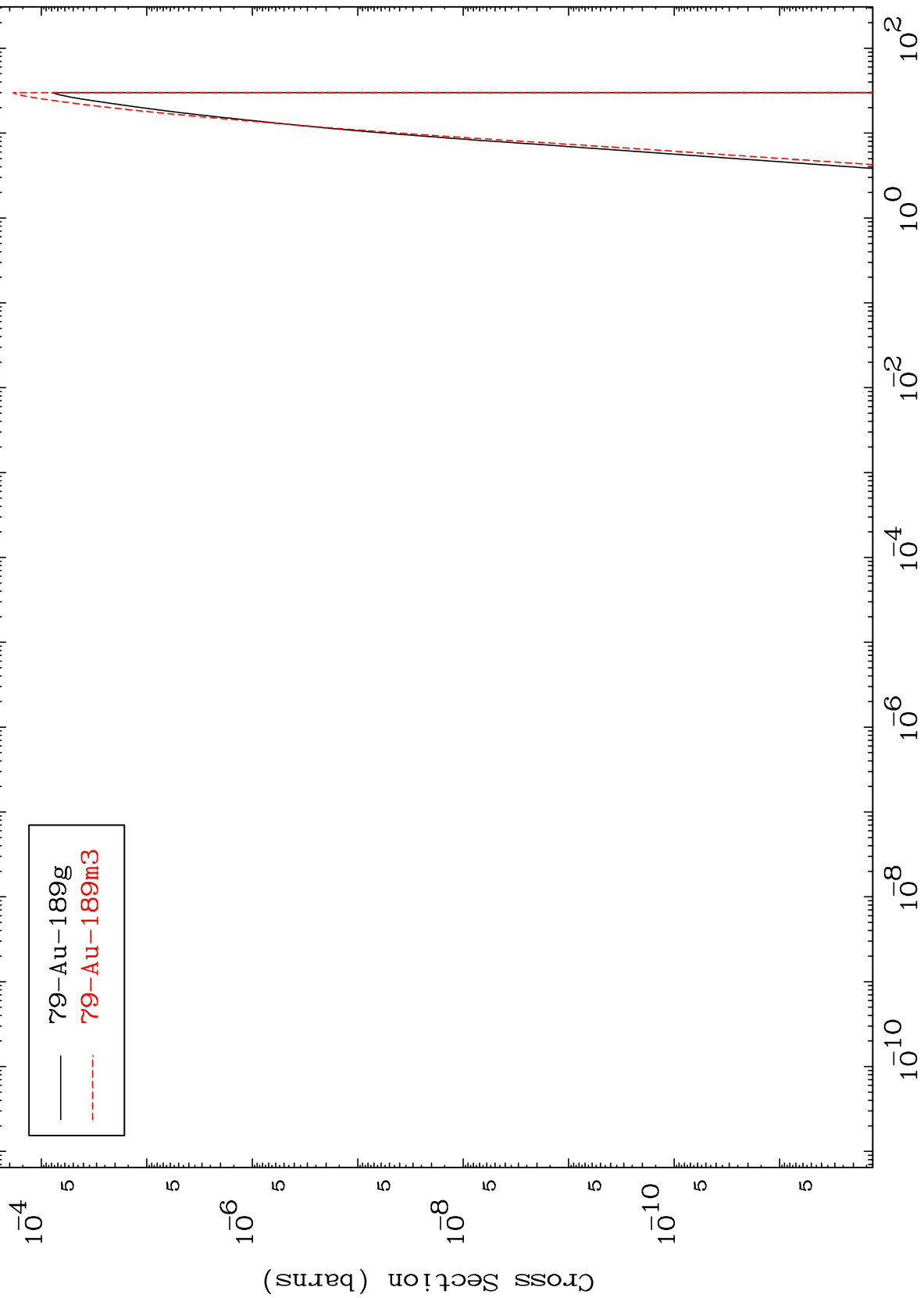
80-Hg-191g
80-Hg-191m3

MAT 8192

(n,p) α

82-Pb-193

Radionuclide Production Cross Section



160

Incident Energy (MeV)

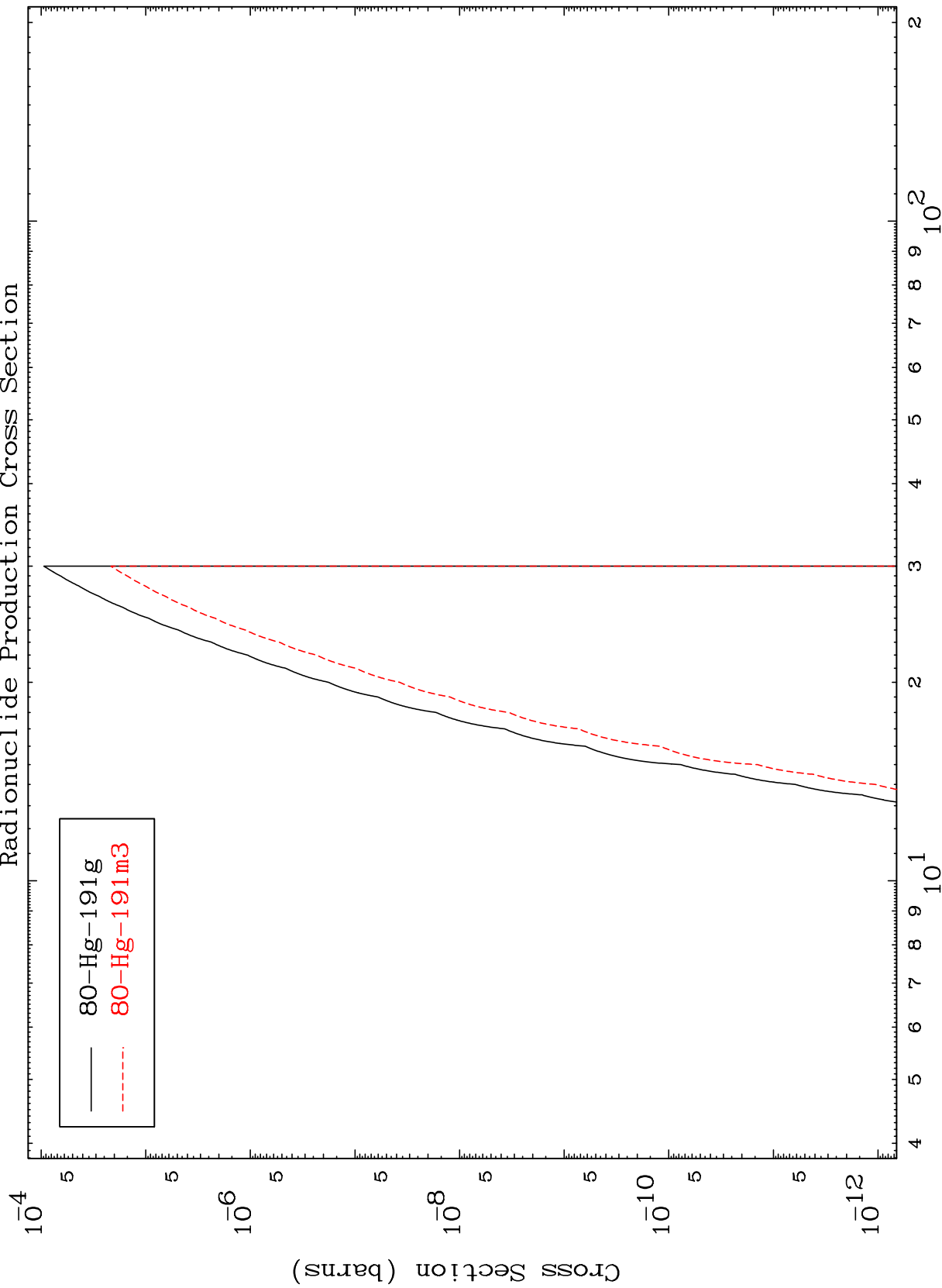
82-Pb-193

MAT 8192

(n,p) d

82-Pb-193

Radionuclide Production Cross Section



161

Incident Energy (MeV)

82-Pb-193