

Program EVALPLOT
(Version 2018-1)

by

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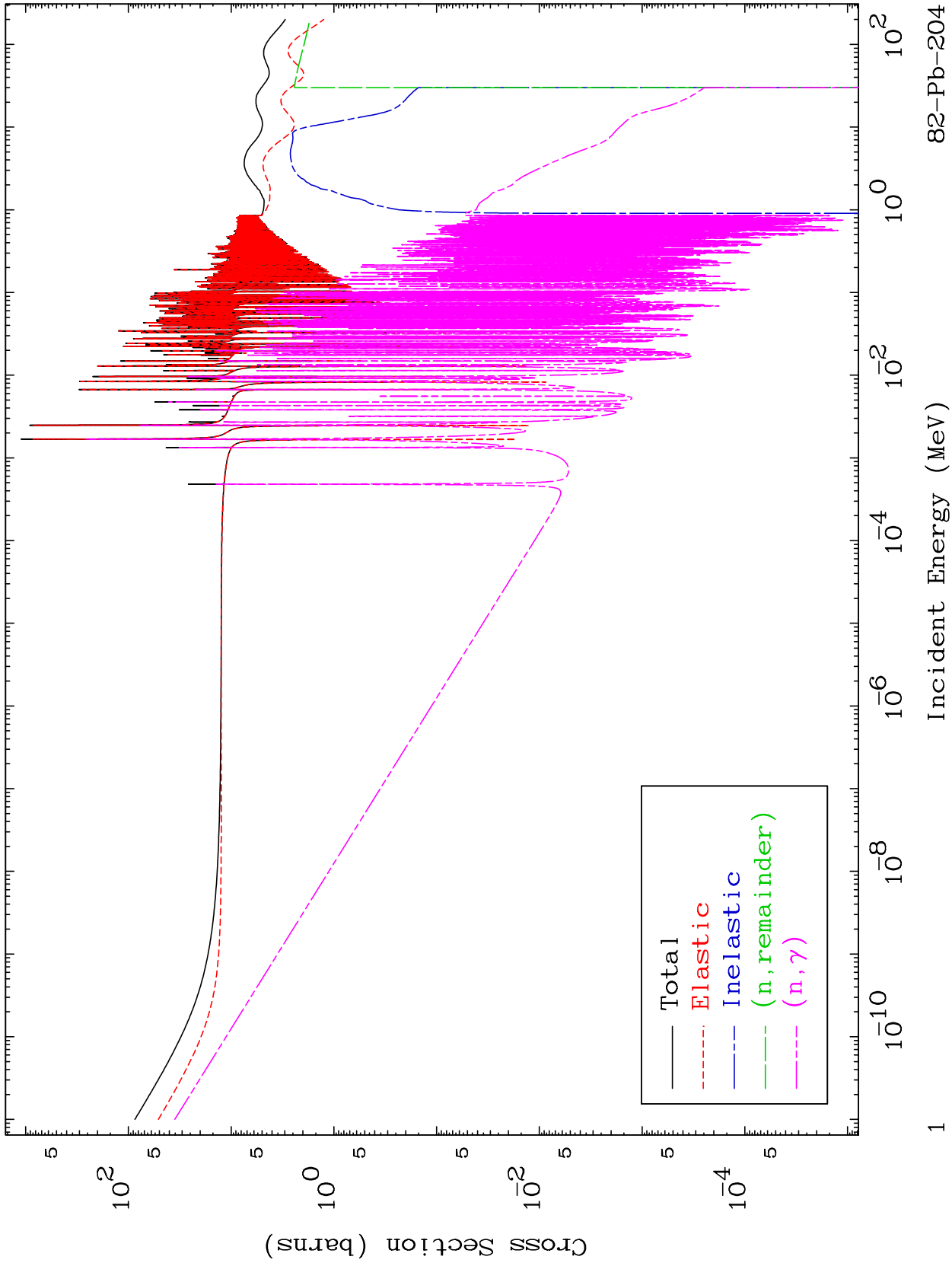
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8225

Major
293 Kelvin Cross Sections

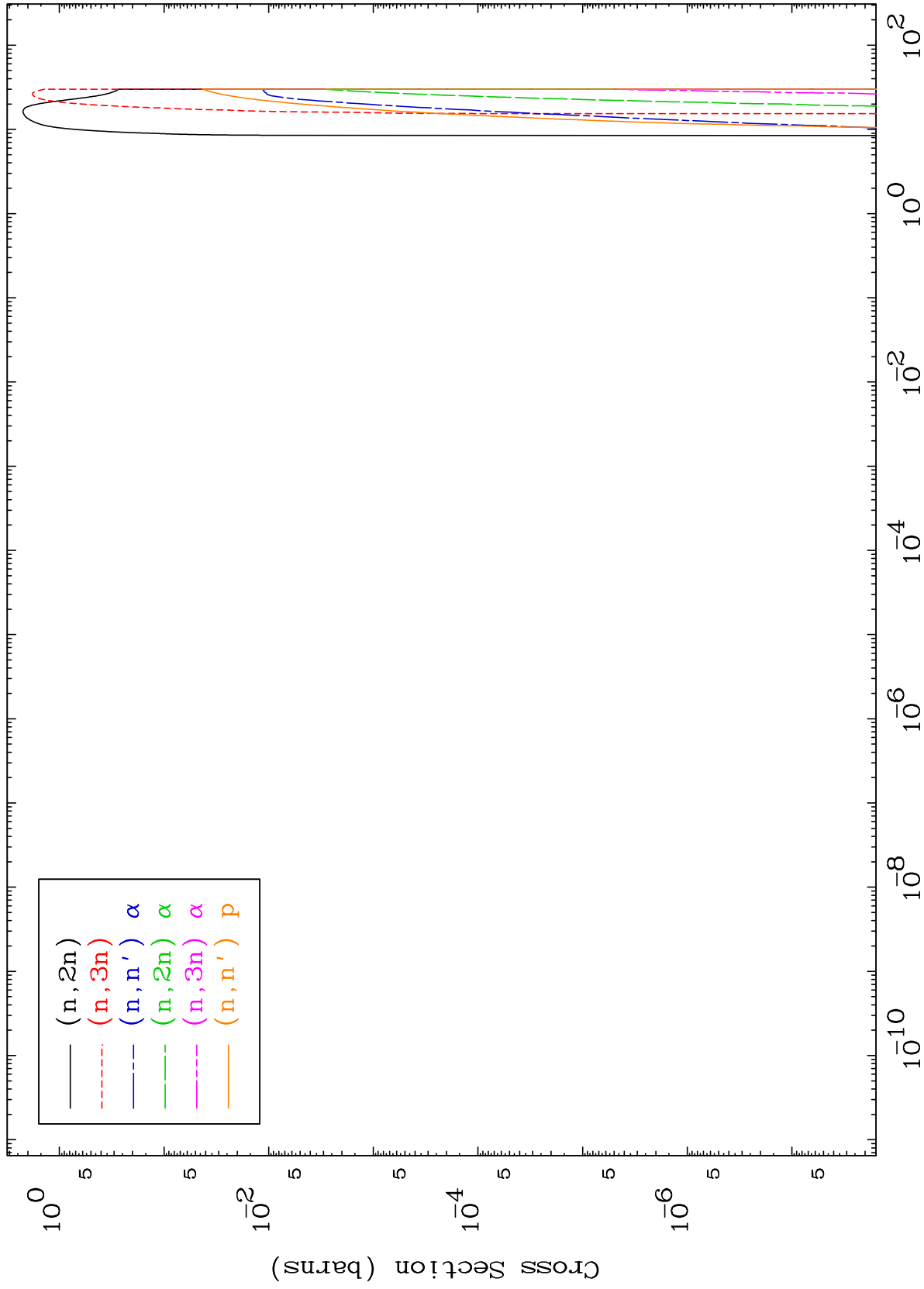
82-Pb-204



MAT 8225

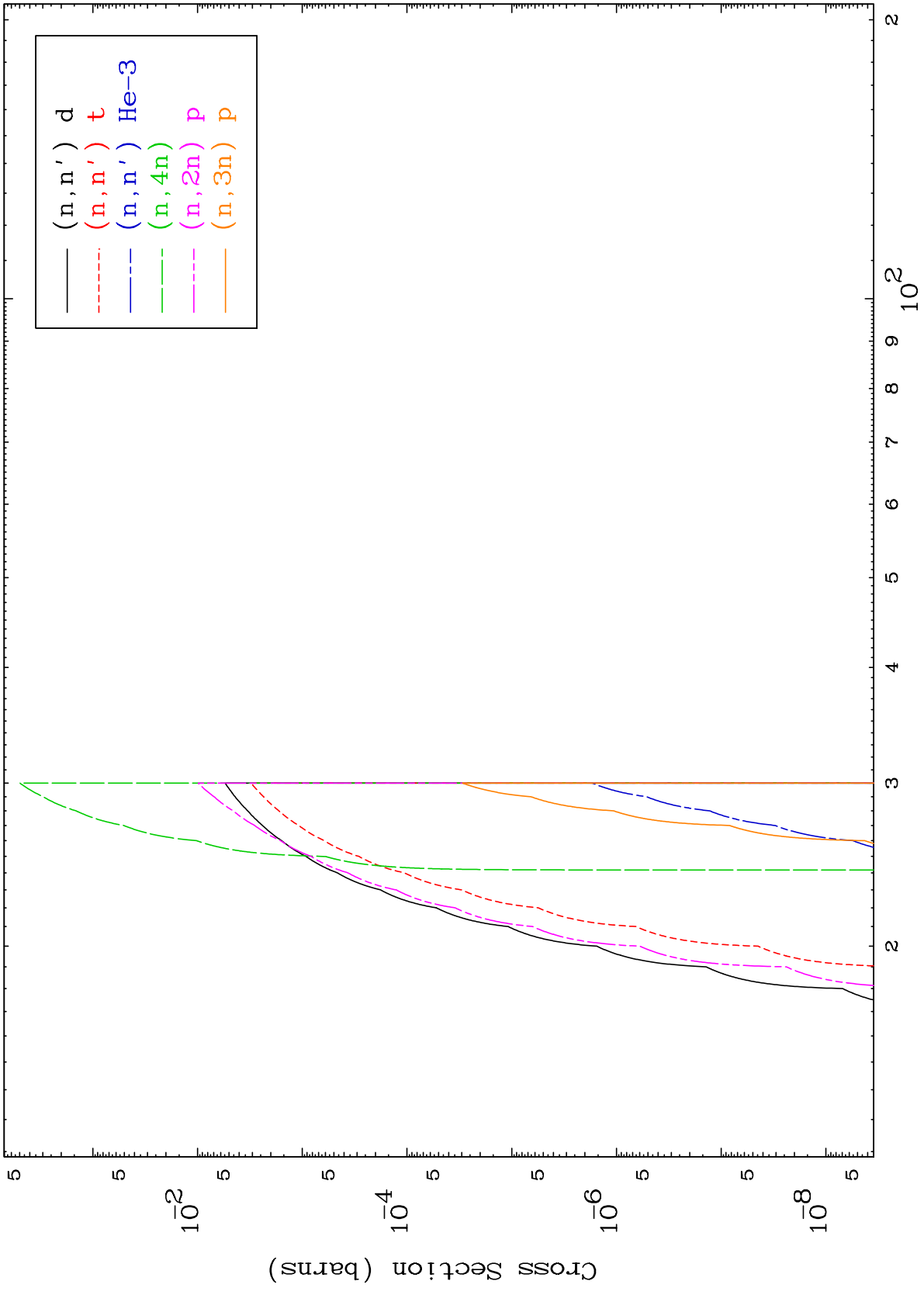
Neutron Production
293 Kelvin Cross Sections

82-Pb-204



2

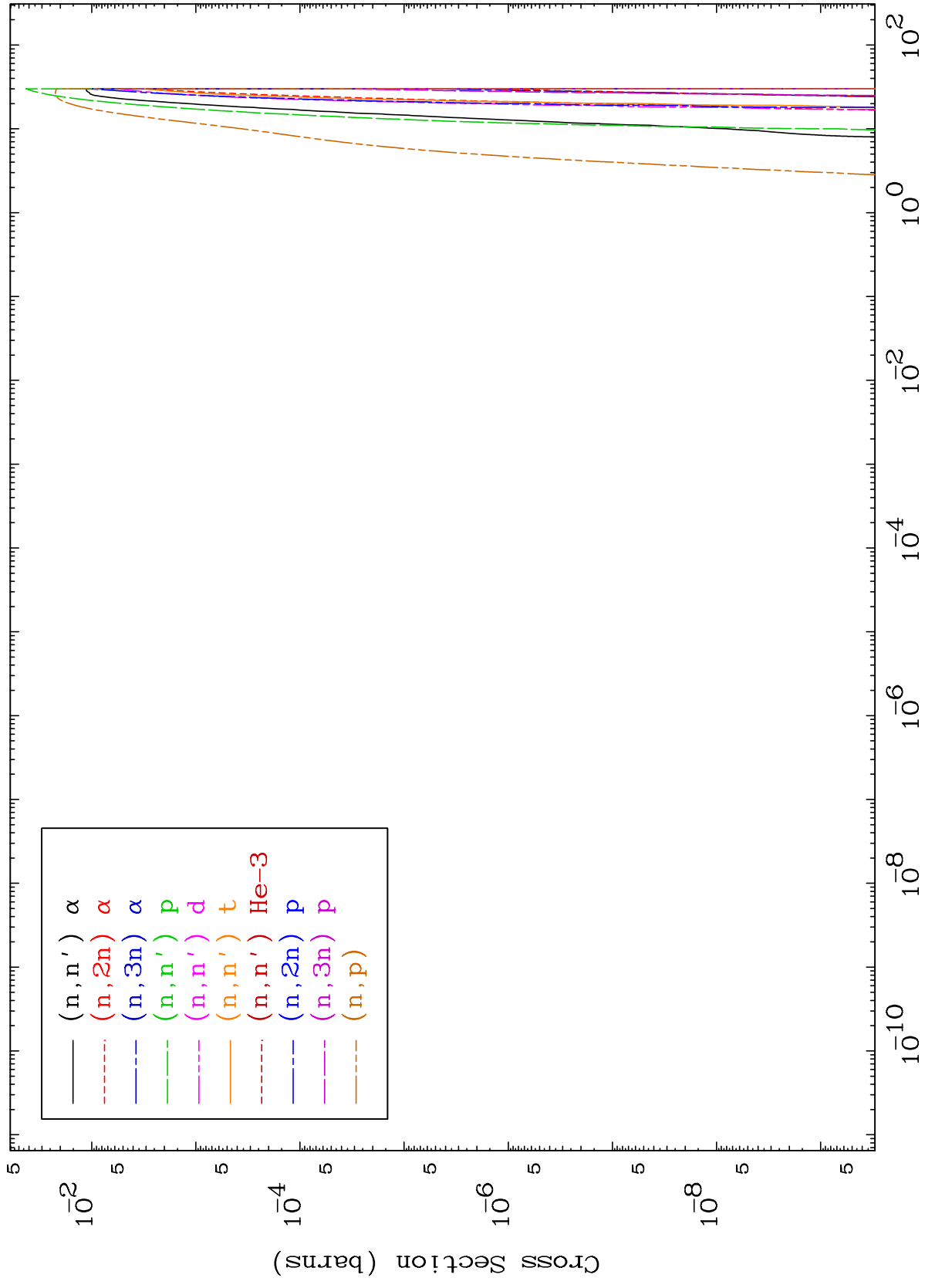
82-Pb-204



MAT 8225

Charged Particle
293 Kelvin Cross Sections

82-Pb-204

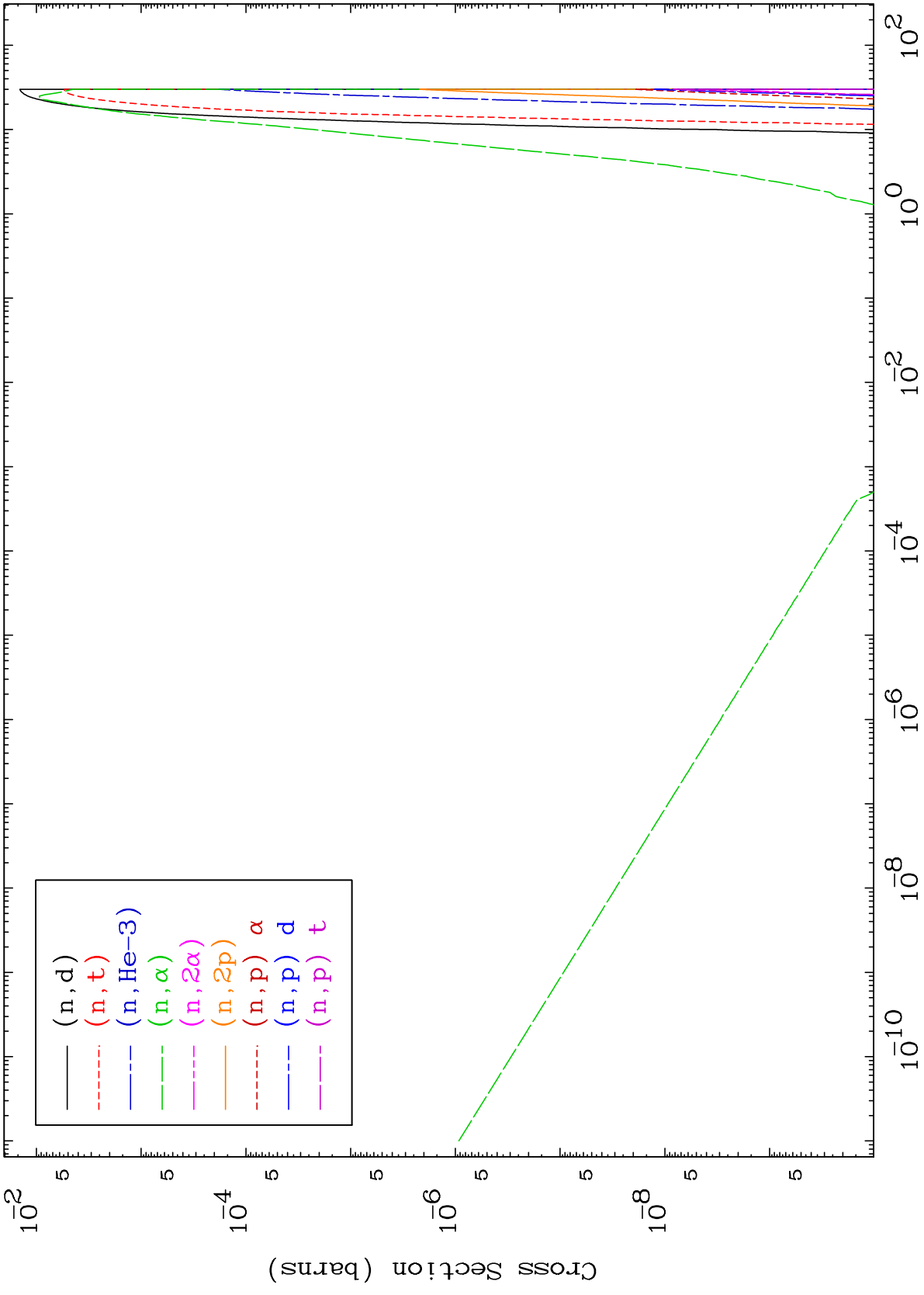


82-Pb-204

MAT 8225

Charged Particle
293 Kelvin Cross Sections

82-Pb-204

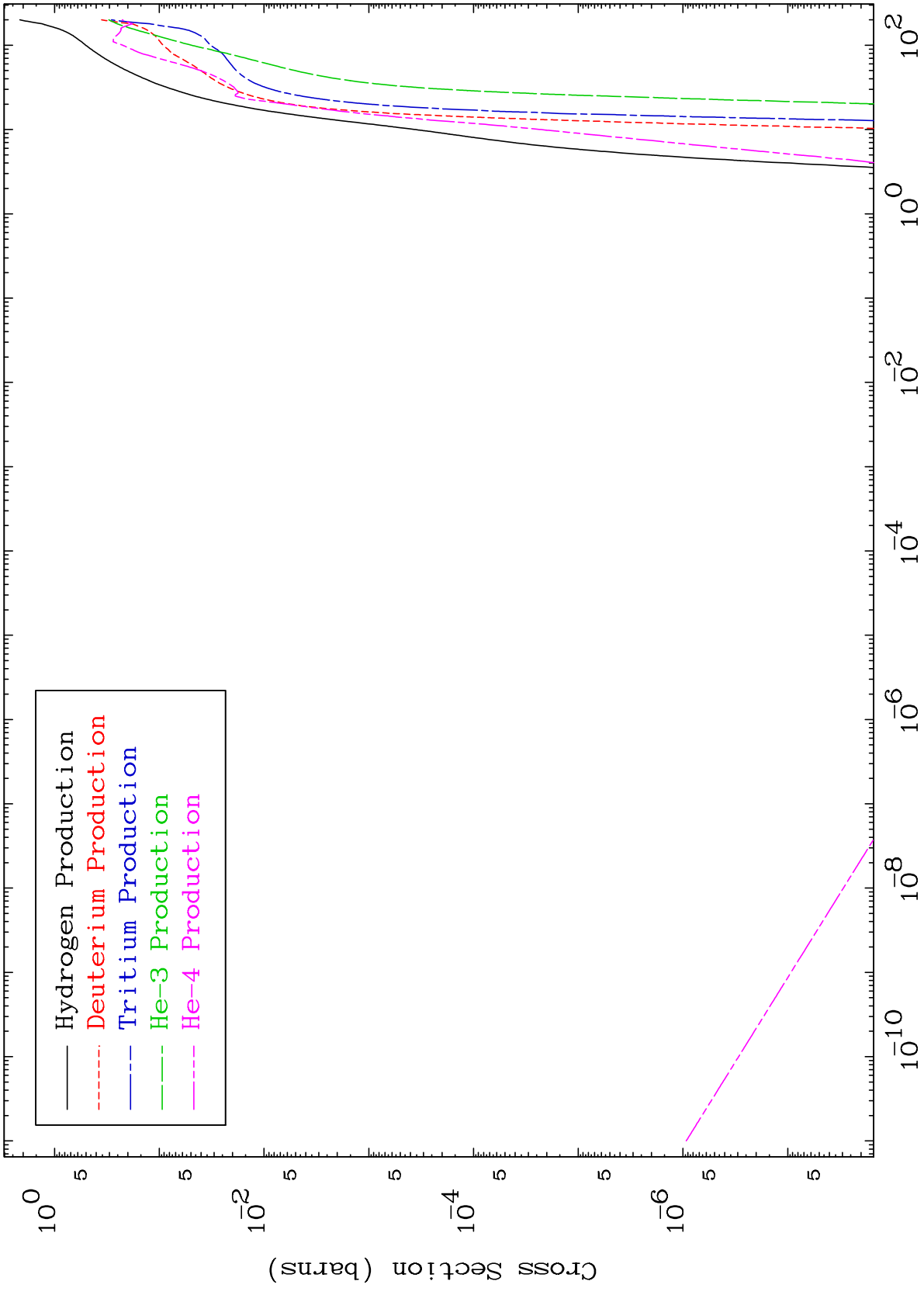


82-Pb-204

MAT 8225

Particle Production
293 Kelvin Cross Sections

82-Pb-204



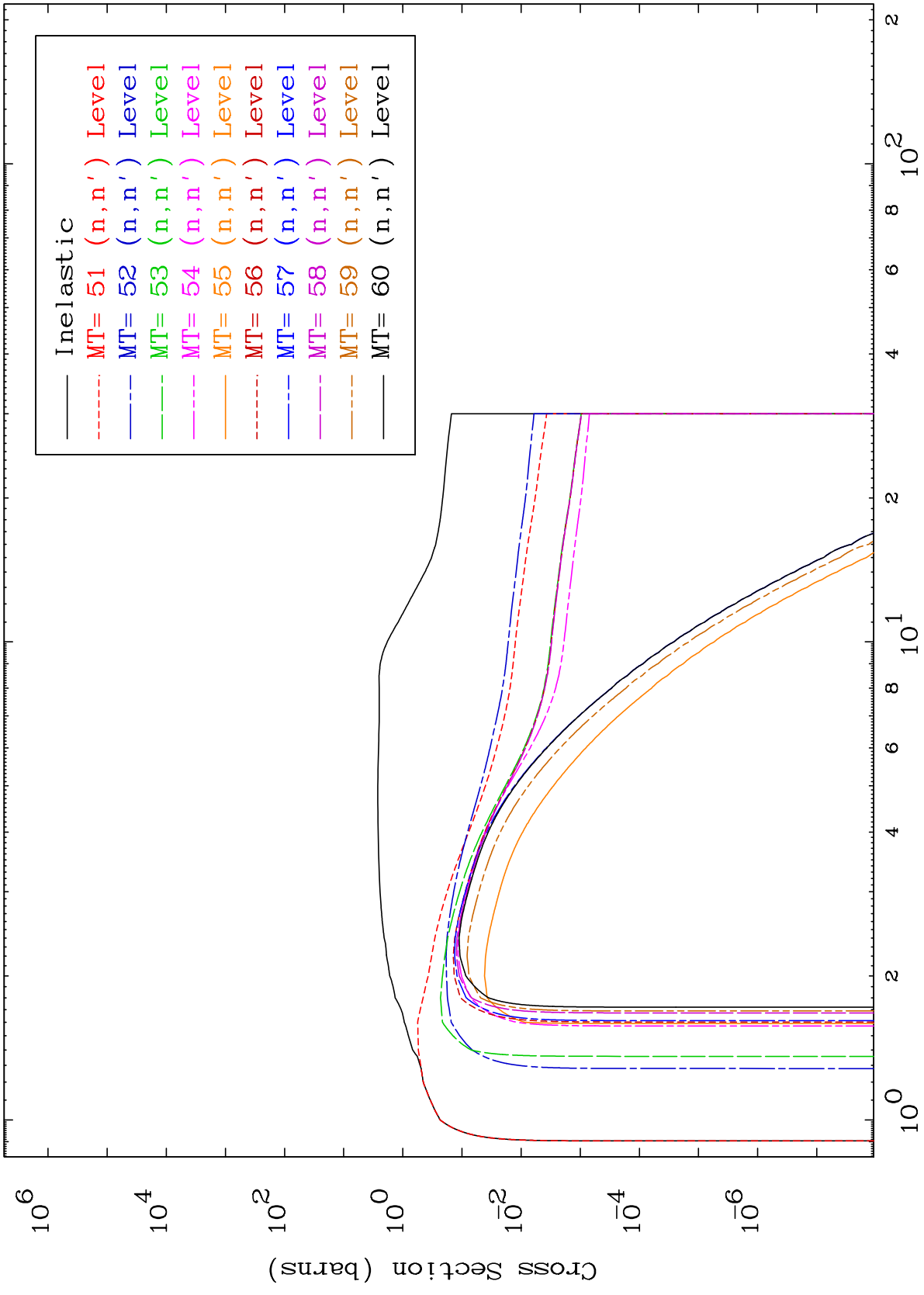
82-Pb-204

MAT 8225

(n,n') Level

82-Pb-204

293 Kelvin Cross Sections



7

Incident Energy (MeV)

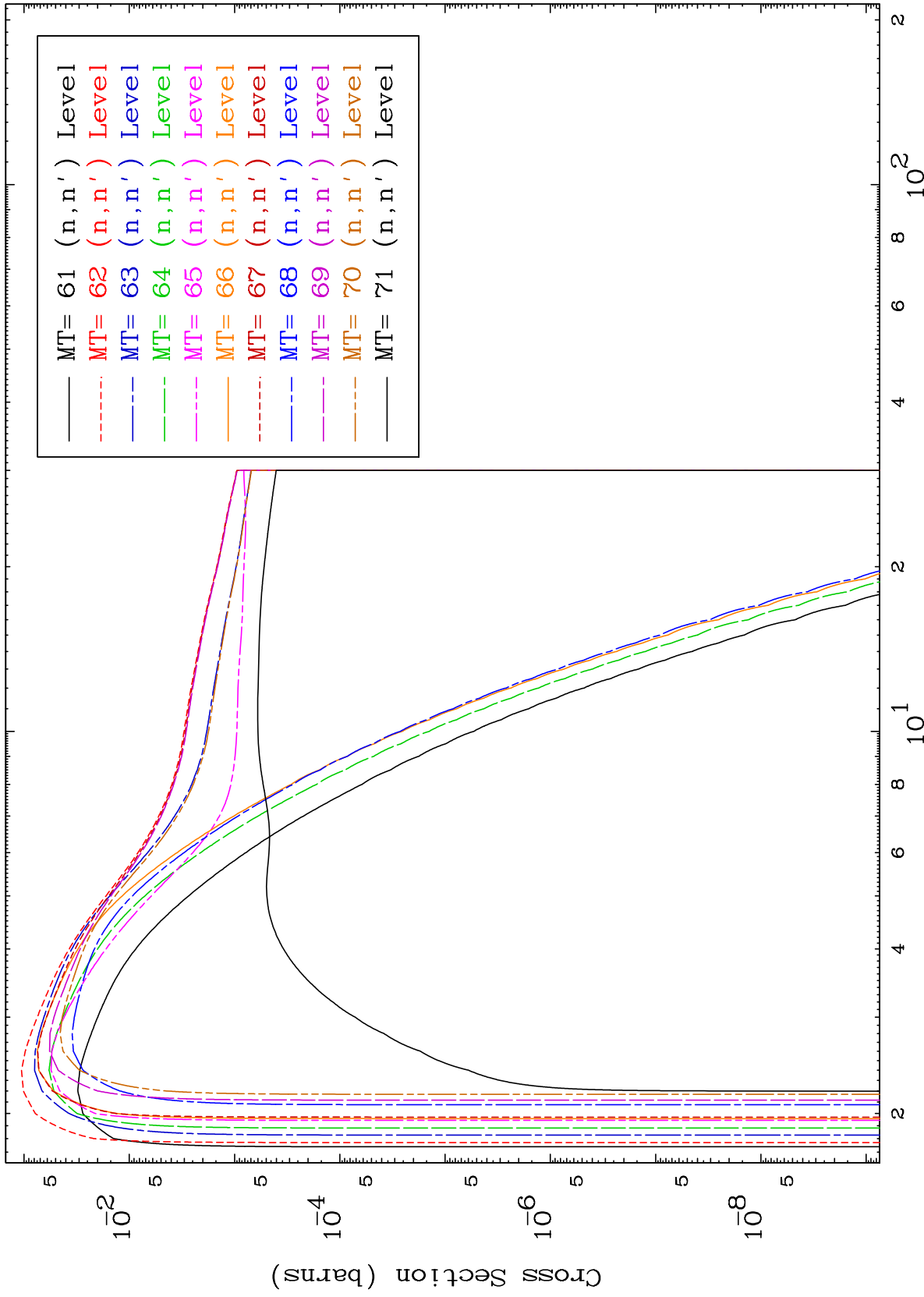
82-Pb-204

MAT 8225

(n,n') Level

82-Pb-204

293 Kelvin Cross Sections



8

Incident Energy (MeV)

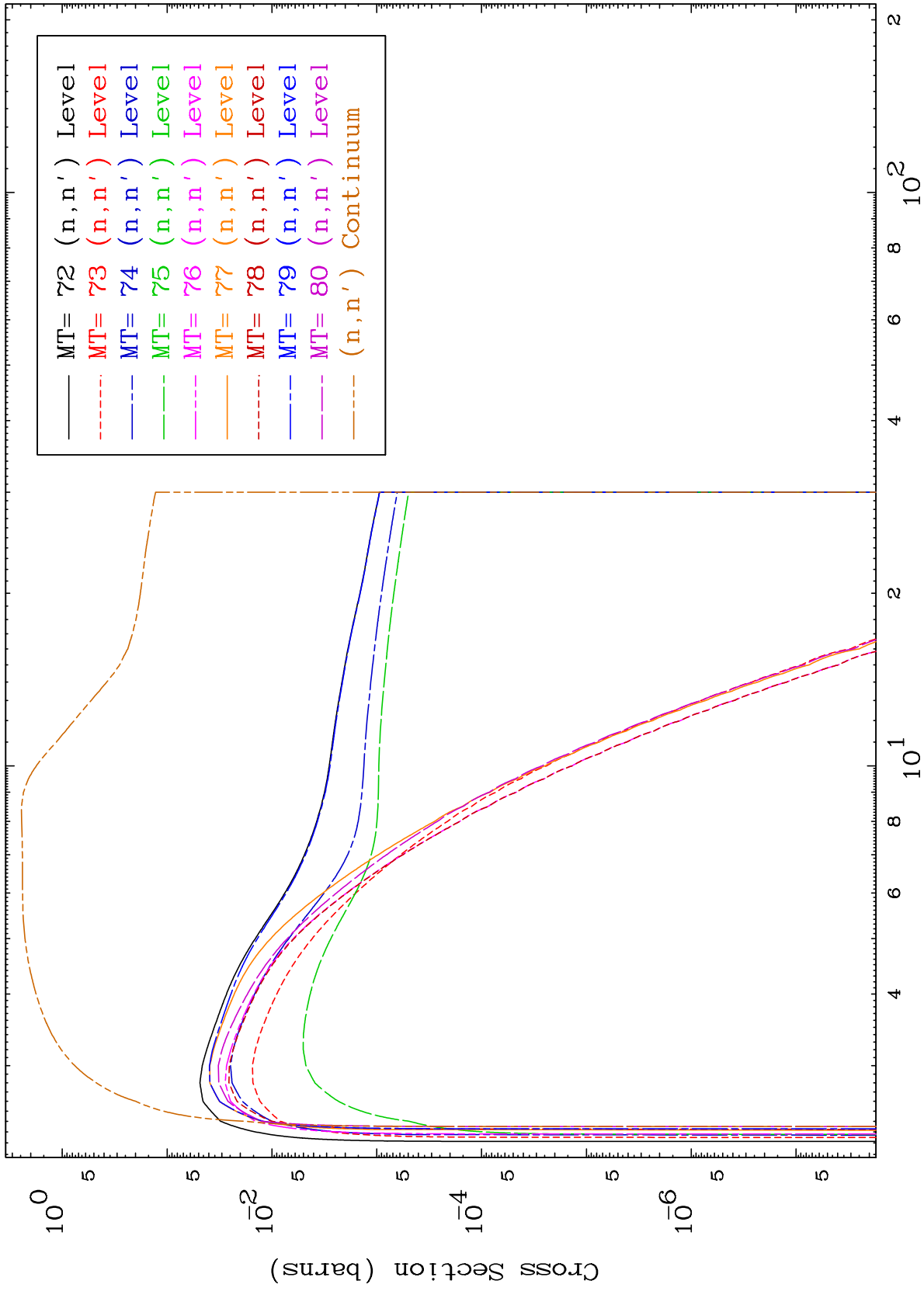
82-Pb-204

MAT 8225

(n,n') Level

82-Pb-204

293 Kelvin Cross Sections



9

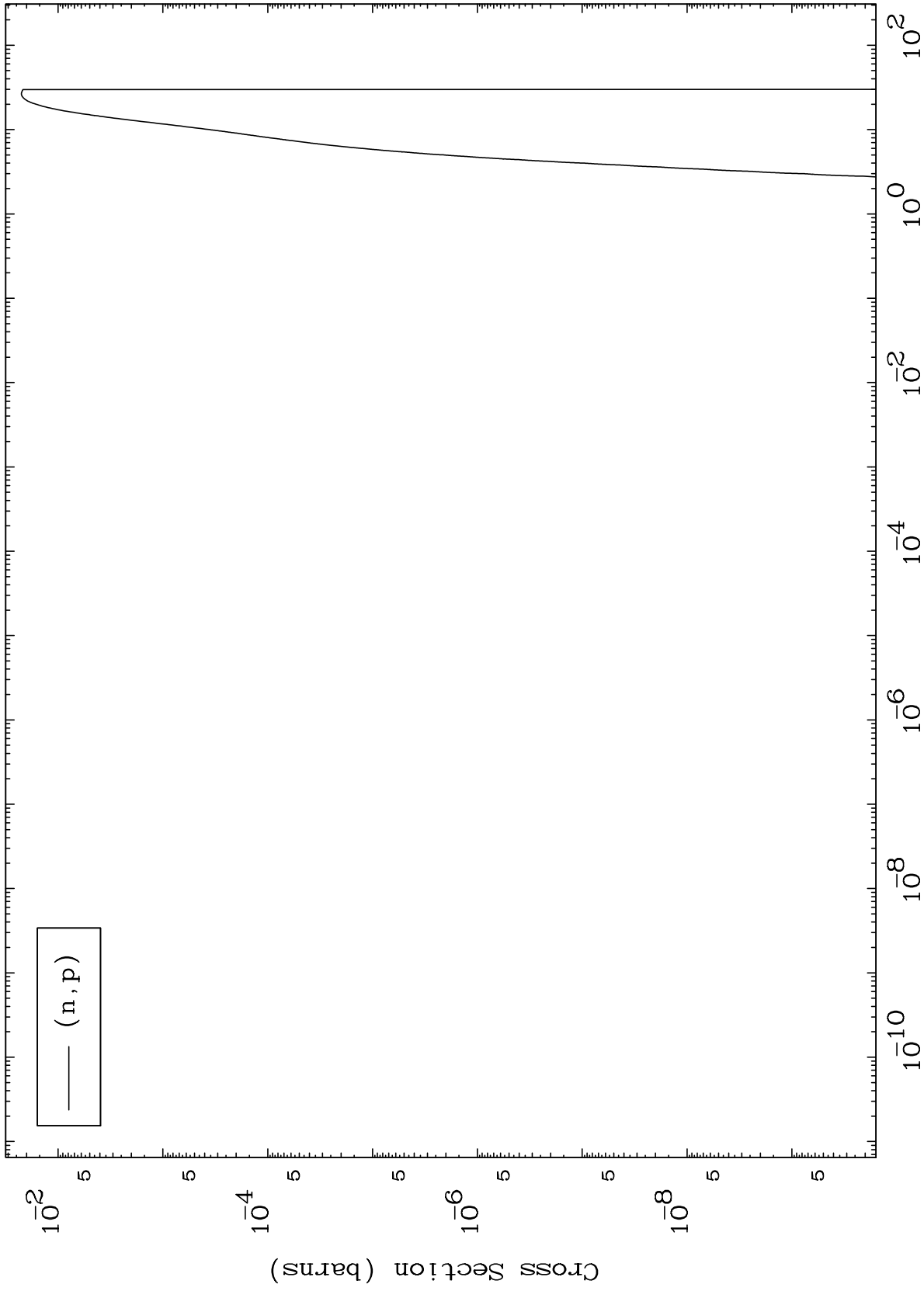
Incident Energy (MeV)

82-Pb-204

MAT 8225

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-204



10

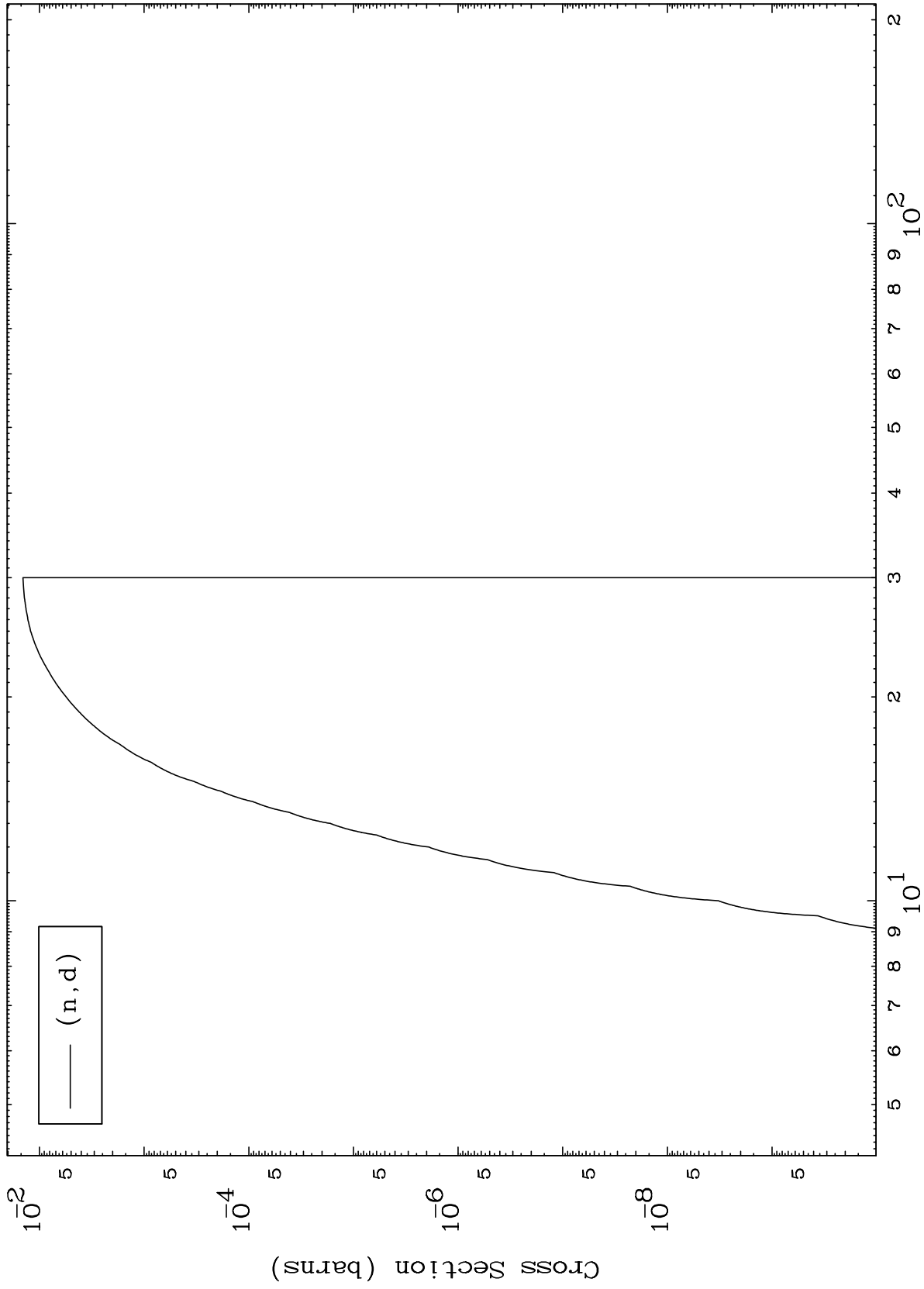
Incident Energy (MeV)

82-Pb-204

MAT 8225

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-204



11

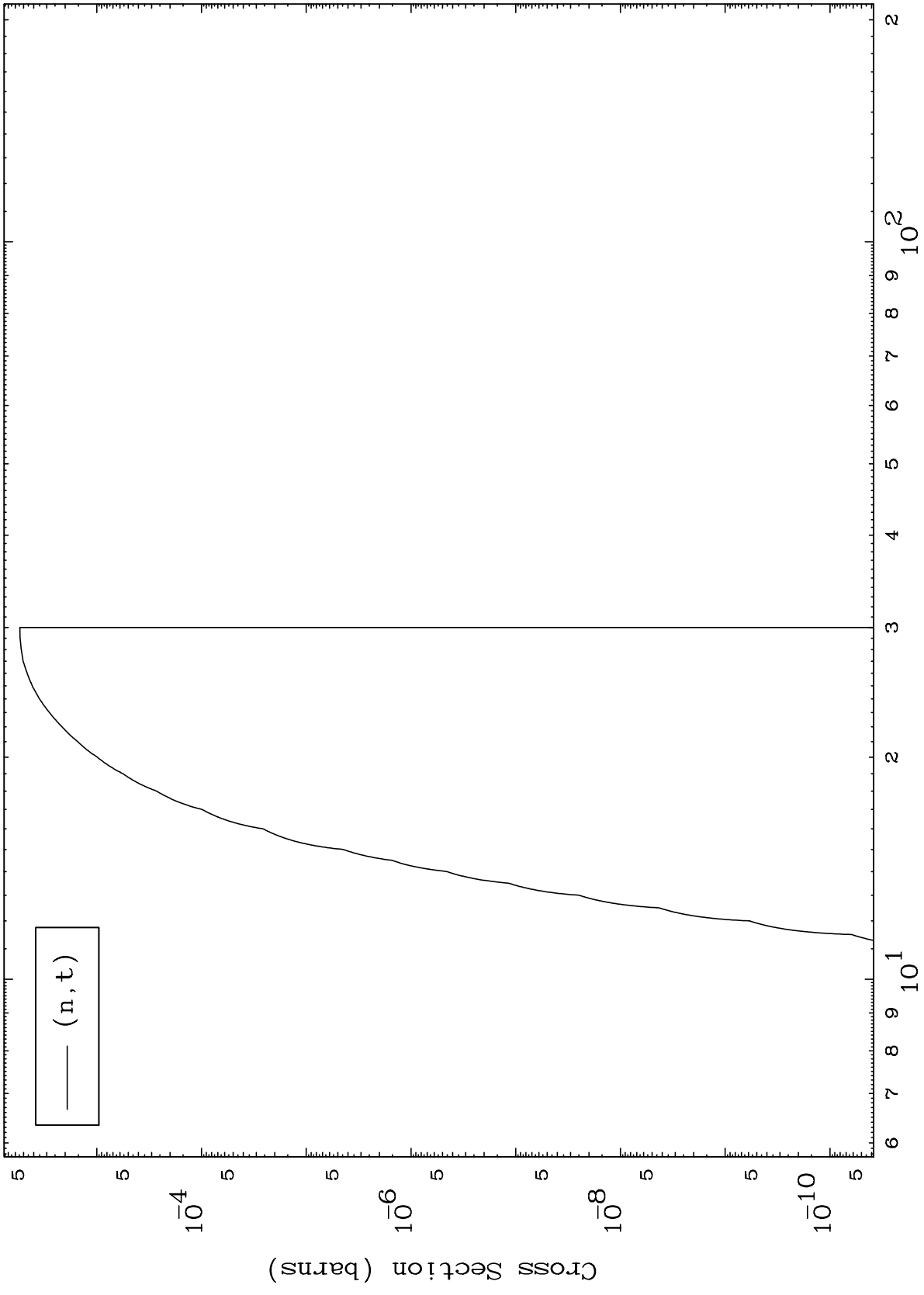
Incident Energy (MeV)

82-Pb-204

MAT 8225

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-204



12

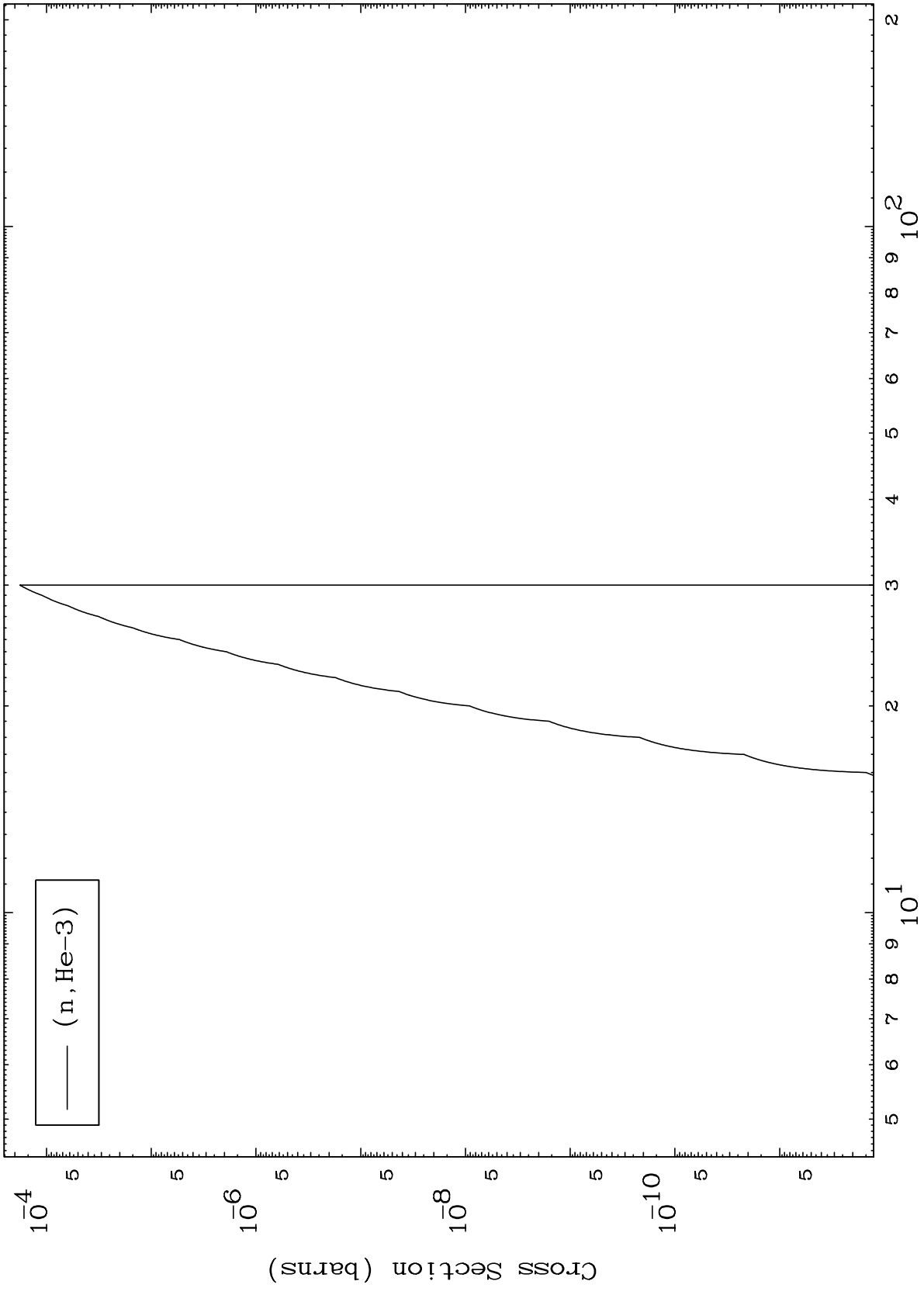
Incident Energy (MeV)

82-Pb-204

MAT 8225

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-204



13

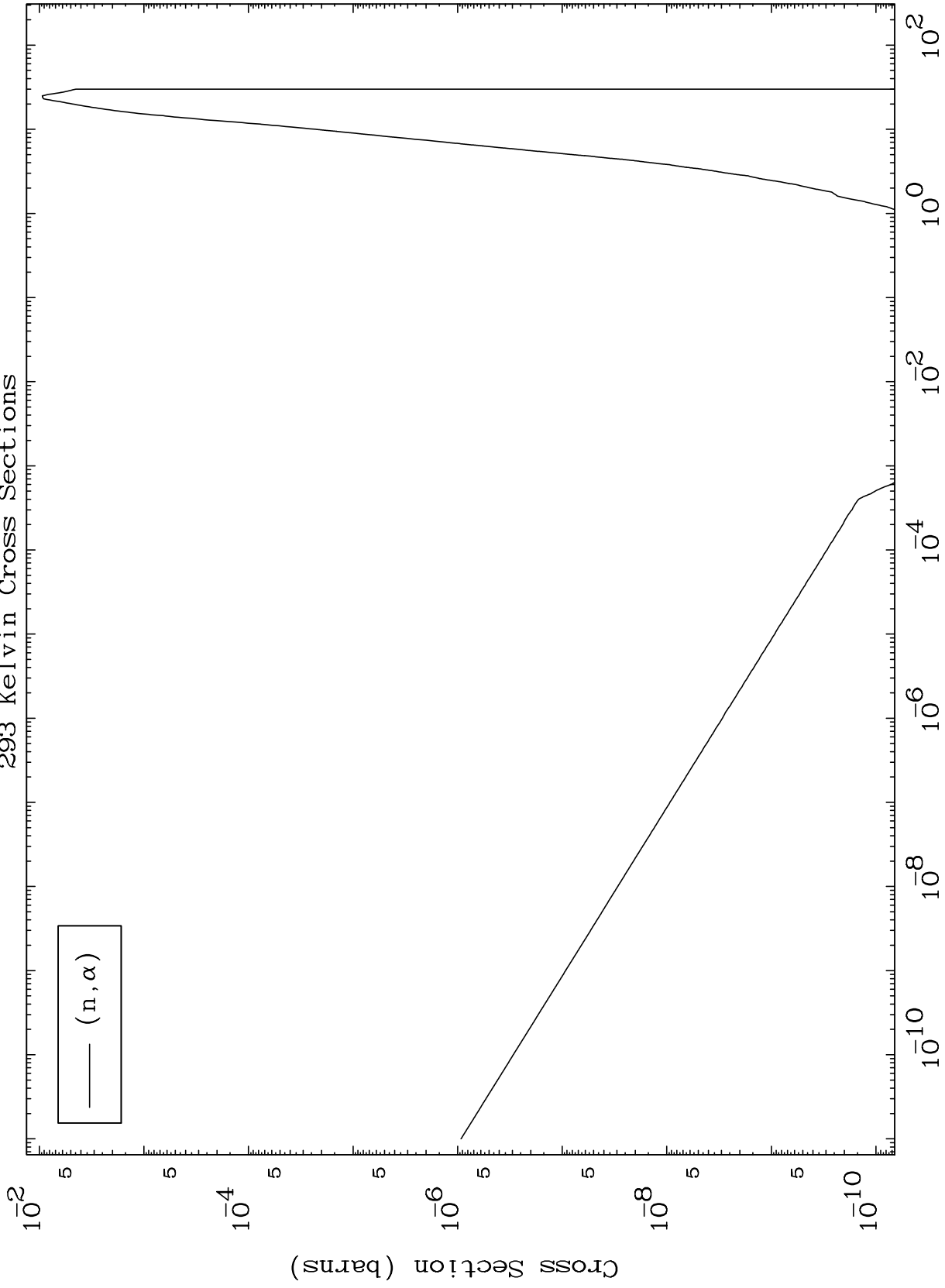
Incident Energy (MeV)

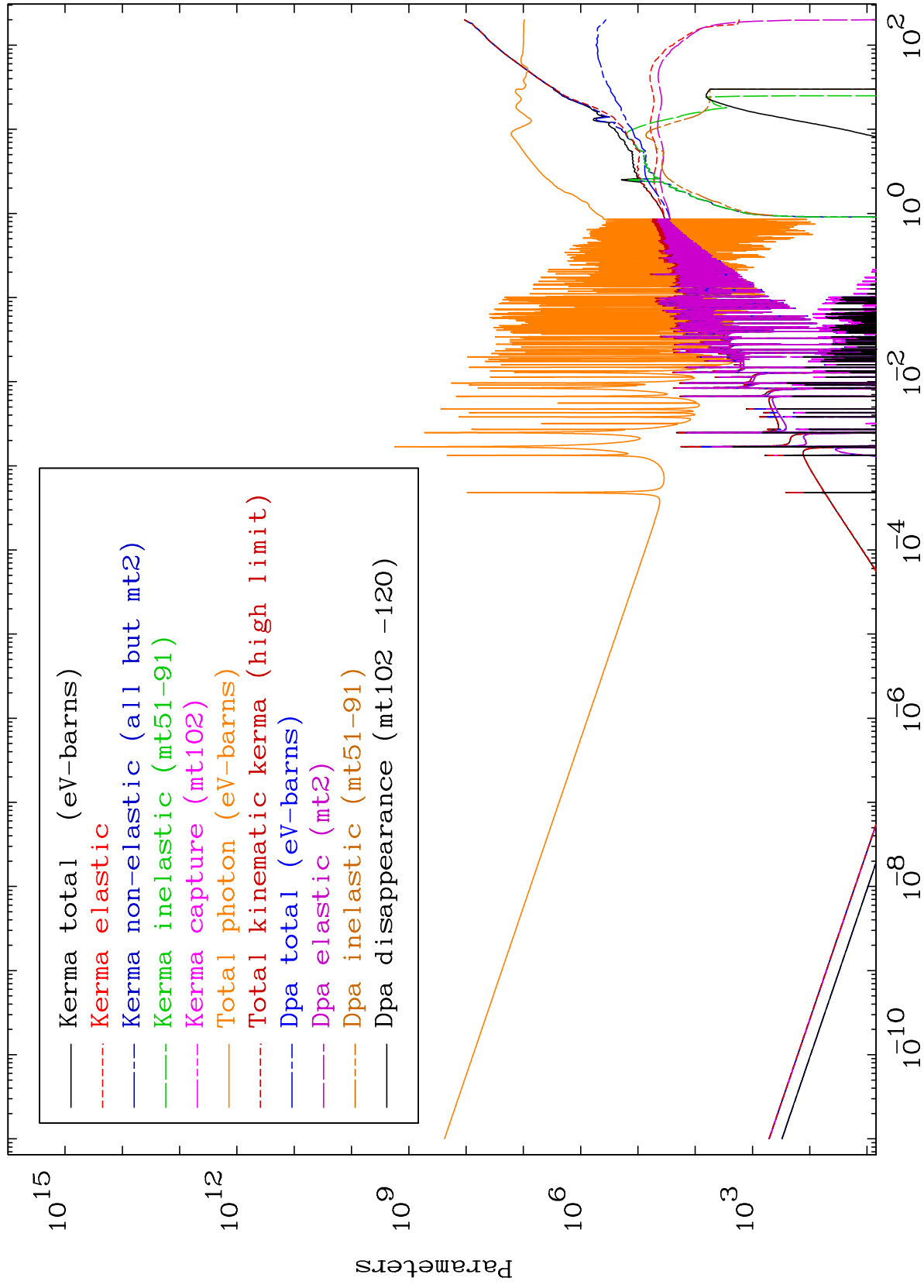
82-Pb-204

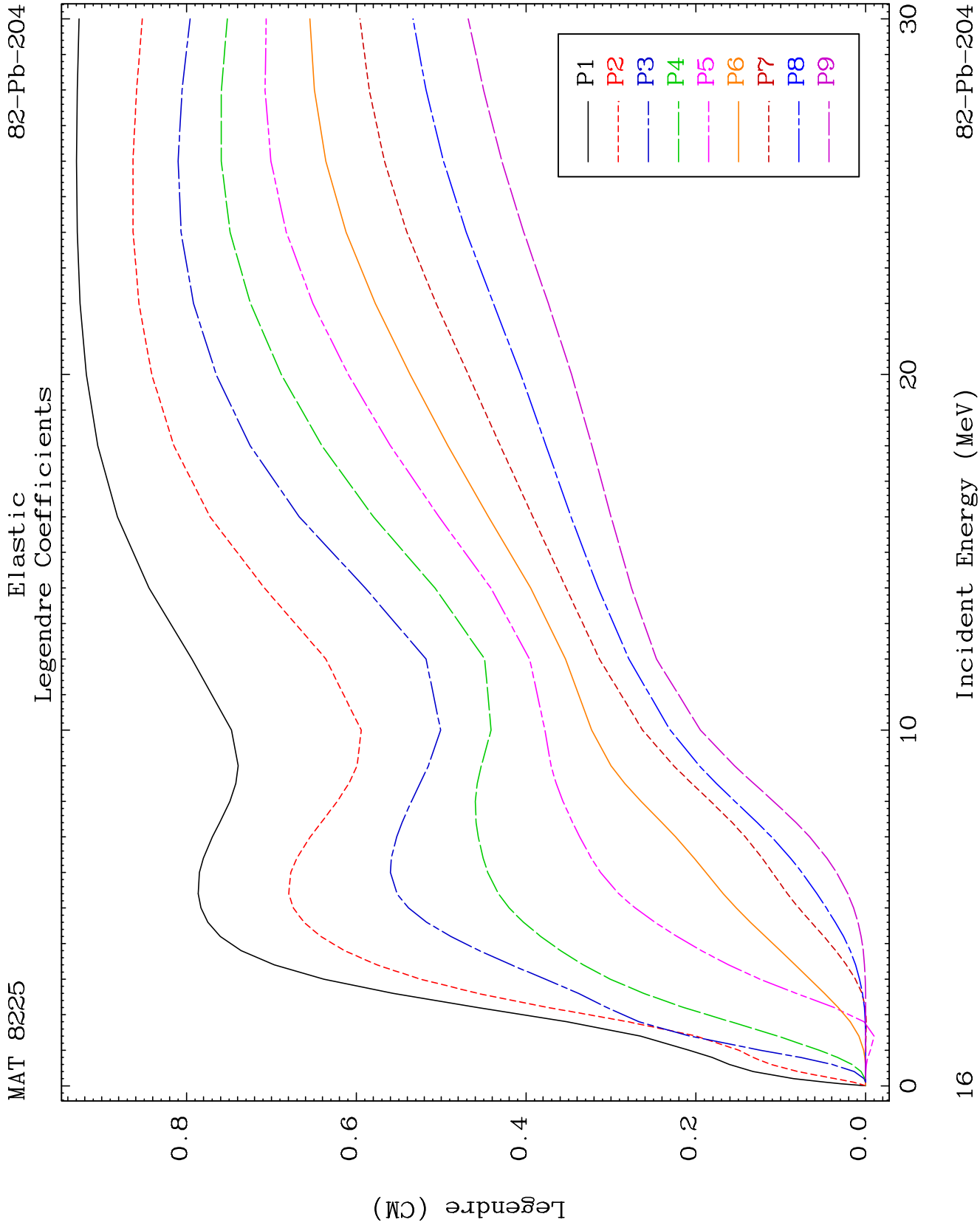
MAT 8225

(n,α) Levels
293 Kelvin Cross Sections

82-Pb-204



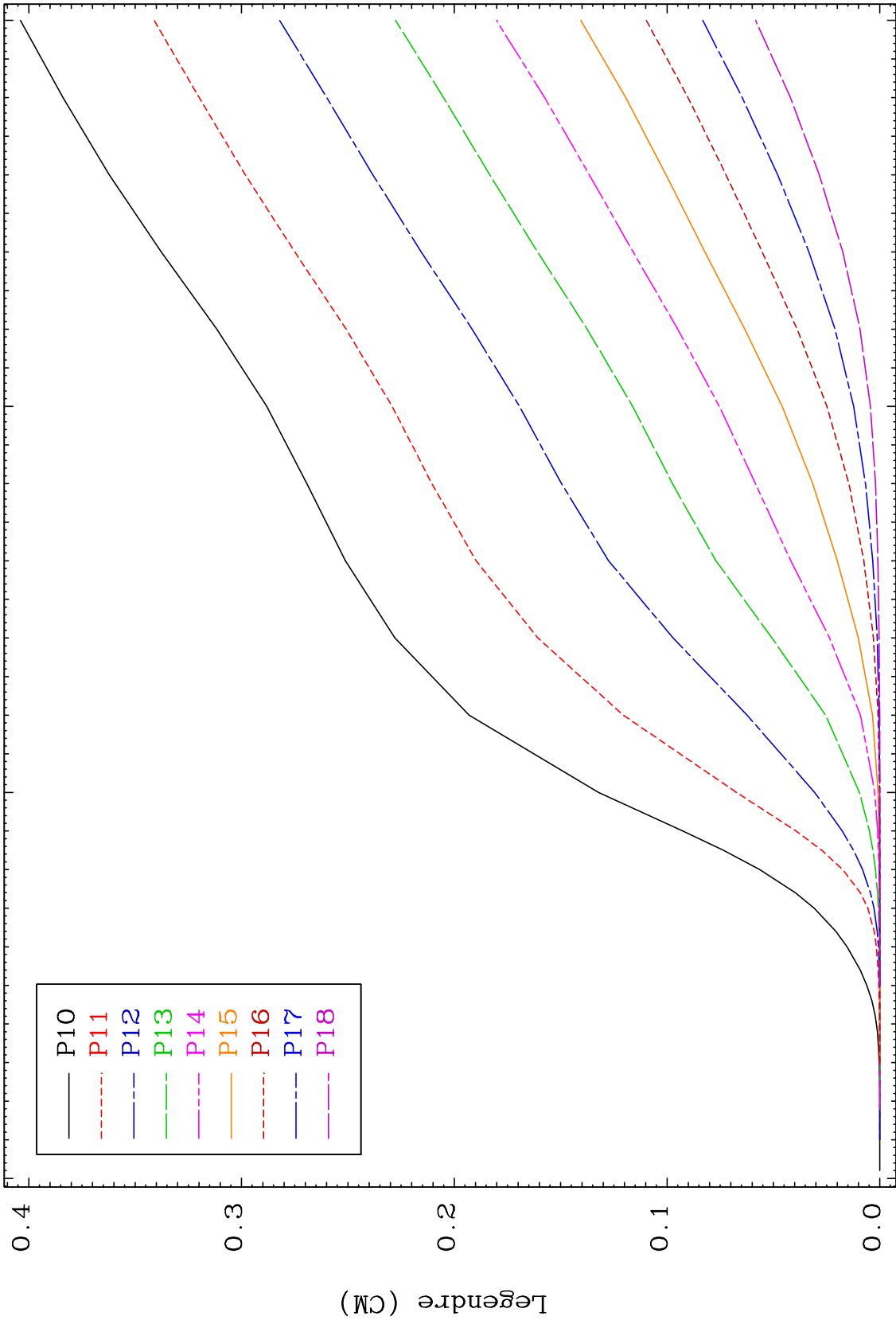




MAT 8225

Elastic Legendre Coefficients

82-Pb-204



17

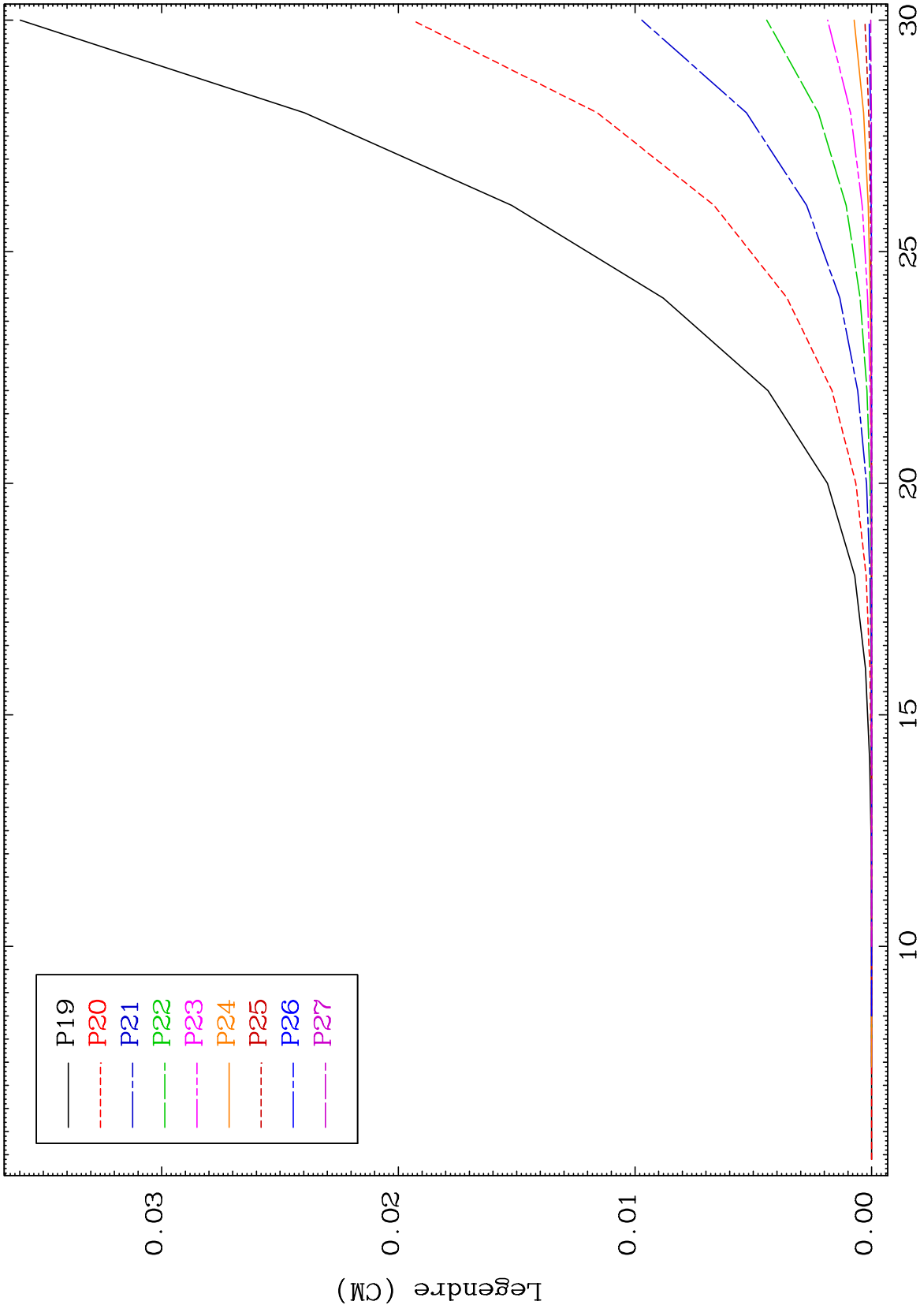
Incident Energy (MeV)

82-Pb-204

MAT 8225

Elastic
Legendre Coefficients

82-Pb-204



18

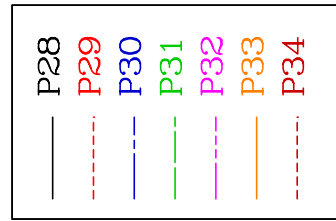
Incident Energy (MeV)

82-Pb-204

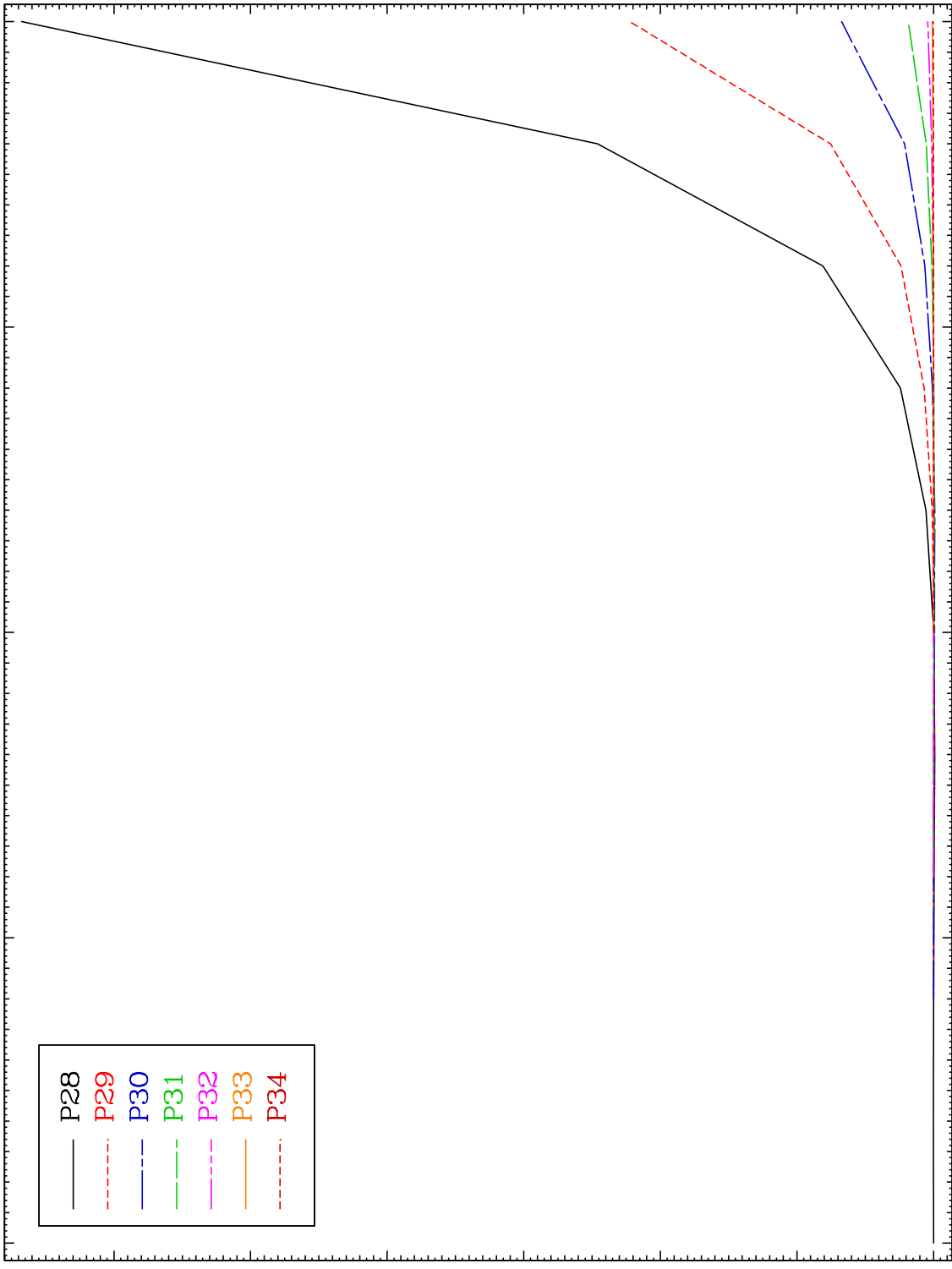
MAT 8225

Elastic Legendre Coefficients

82-Pb-204



$\times 10^{-5}$
Legendre (CM)



10

15

20

25

30

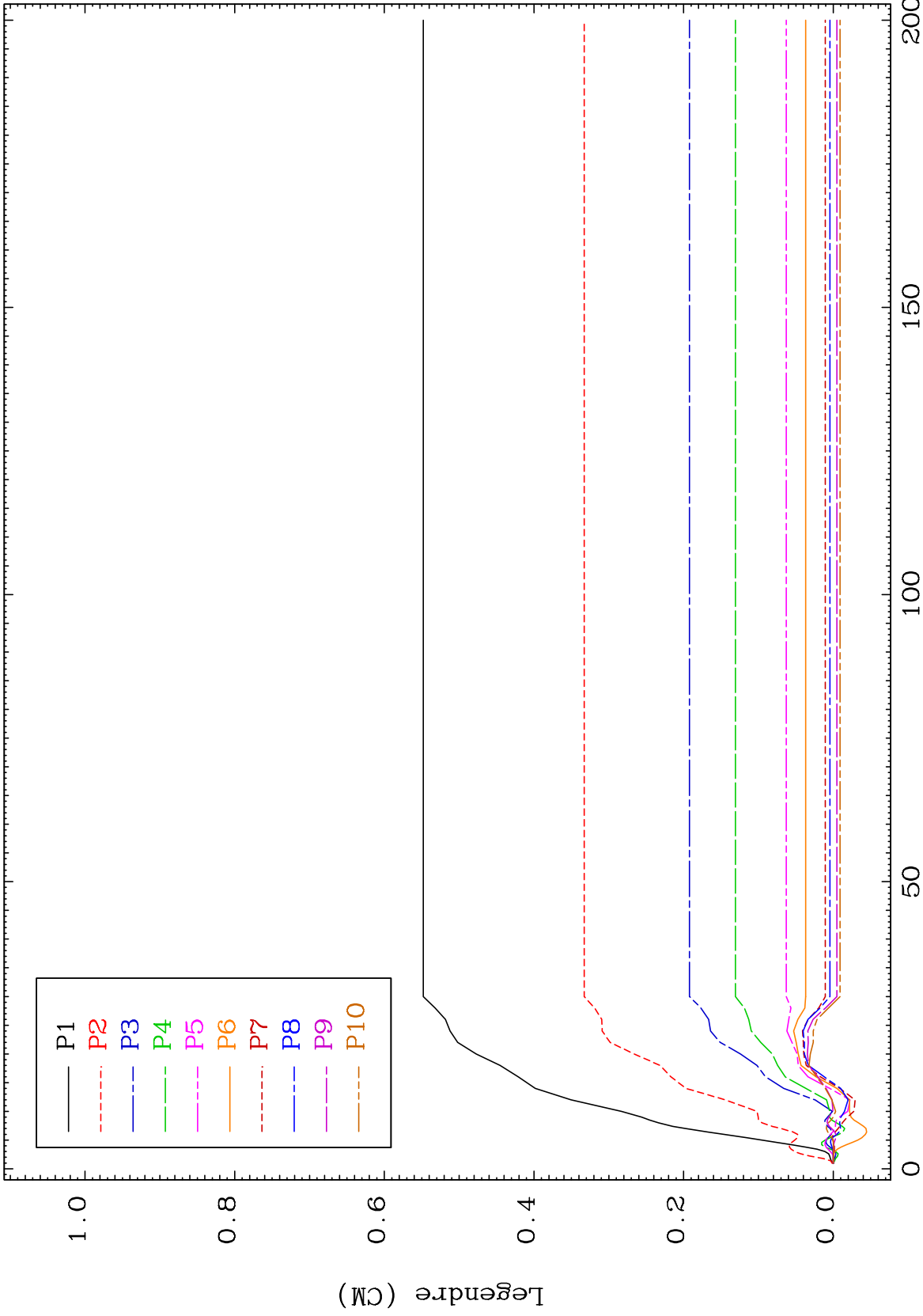
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



0

50

100

150

200

Incident Energy (MeV)

82-Pb-204

1.0

0.8

0.6

0.4

0.2

0.0

Legendre (CM)

P1

P2

P3

P4

P5

P6

P7

P8

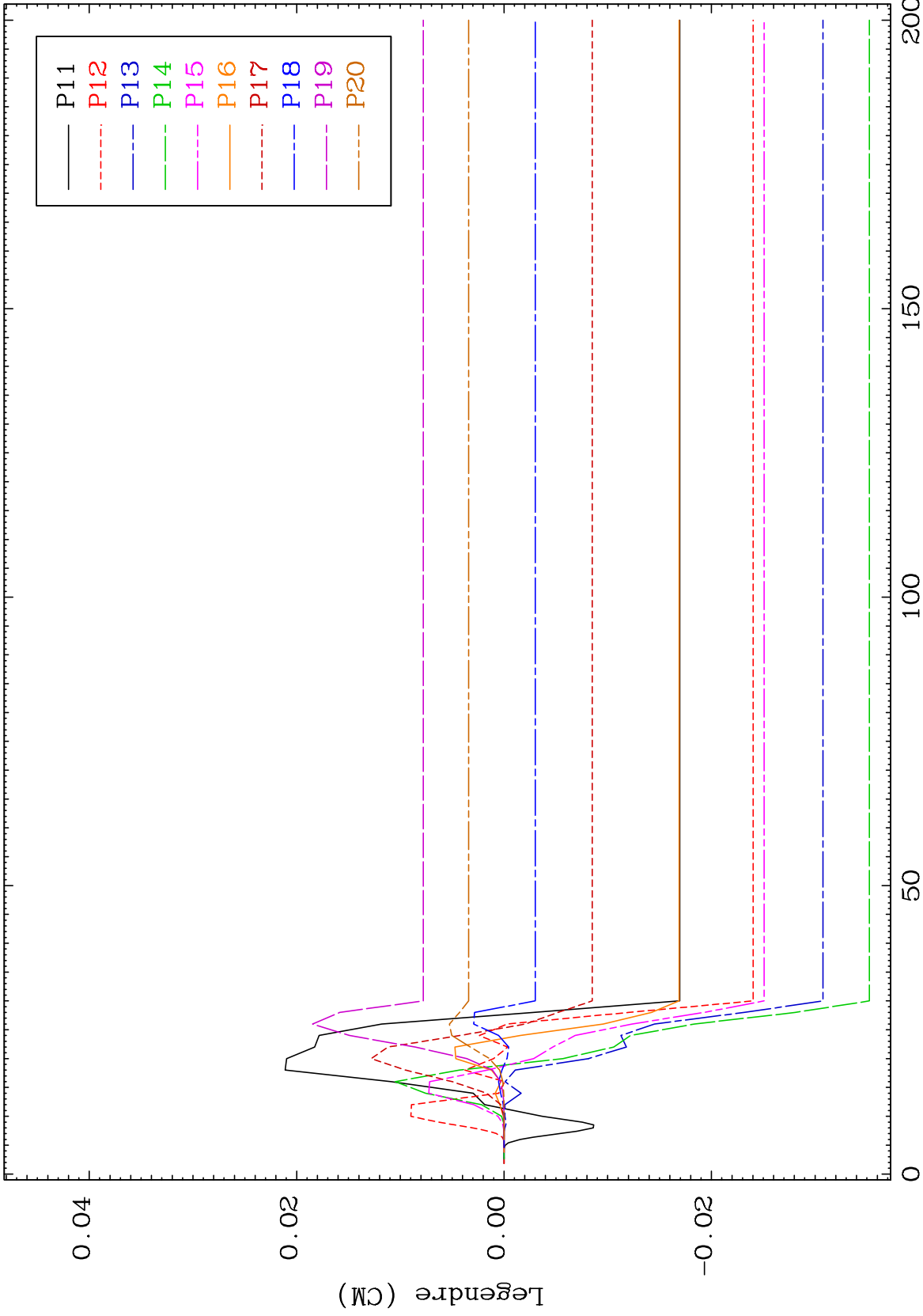
P9

P10

MAT 8225

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

82-Pb-204



21

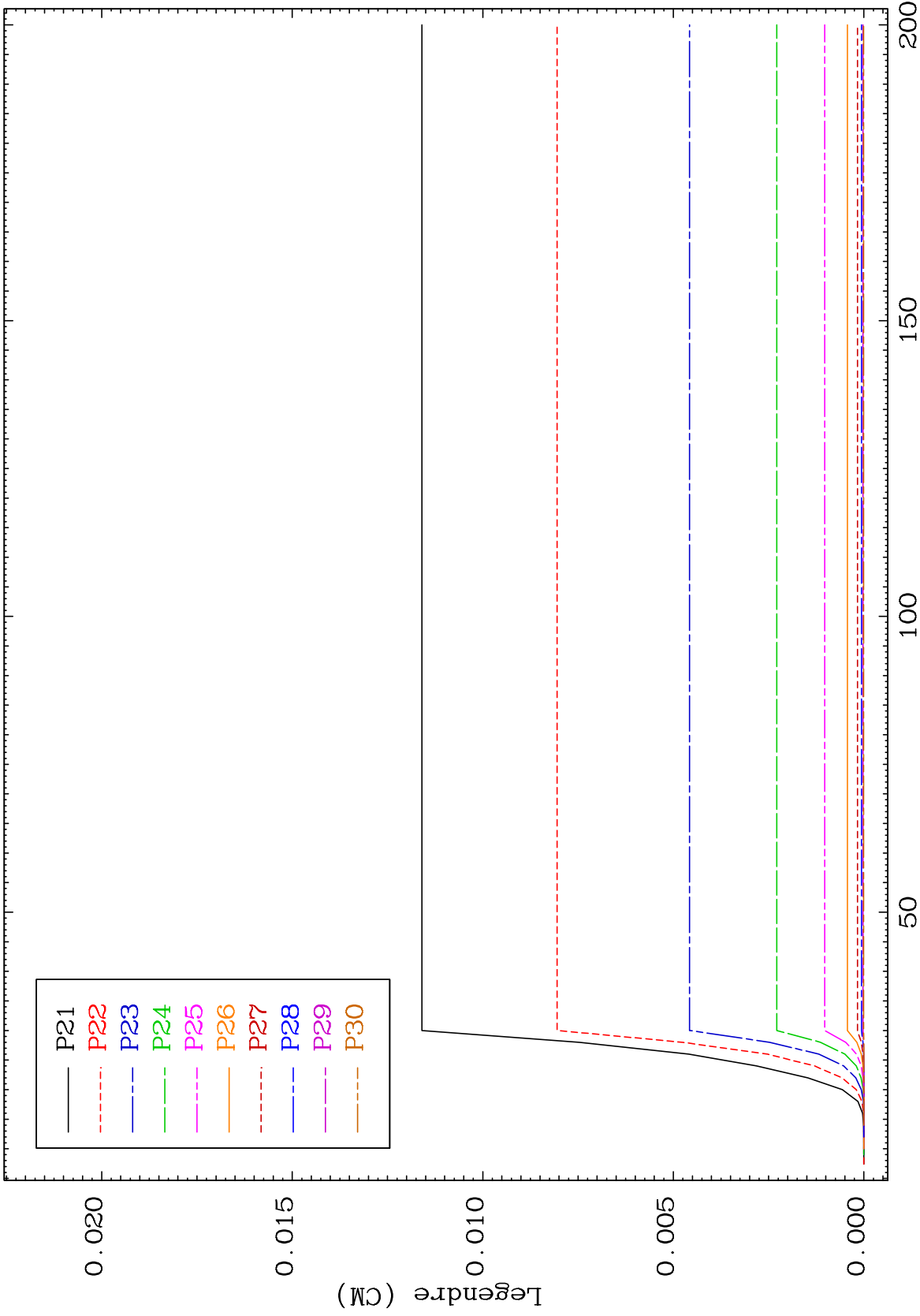
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



22

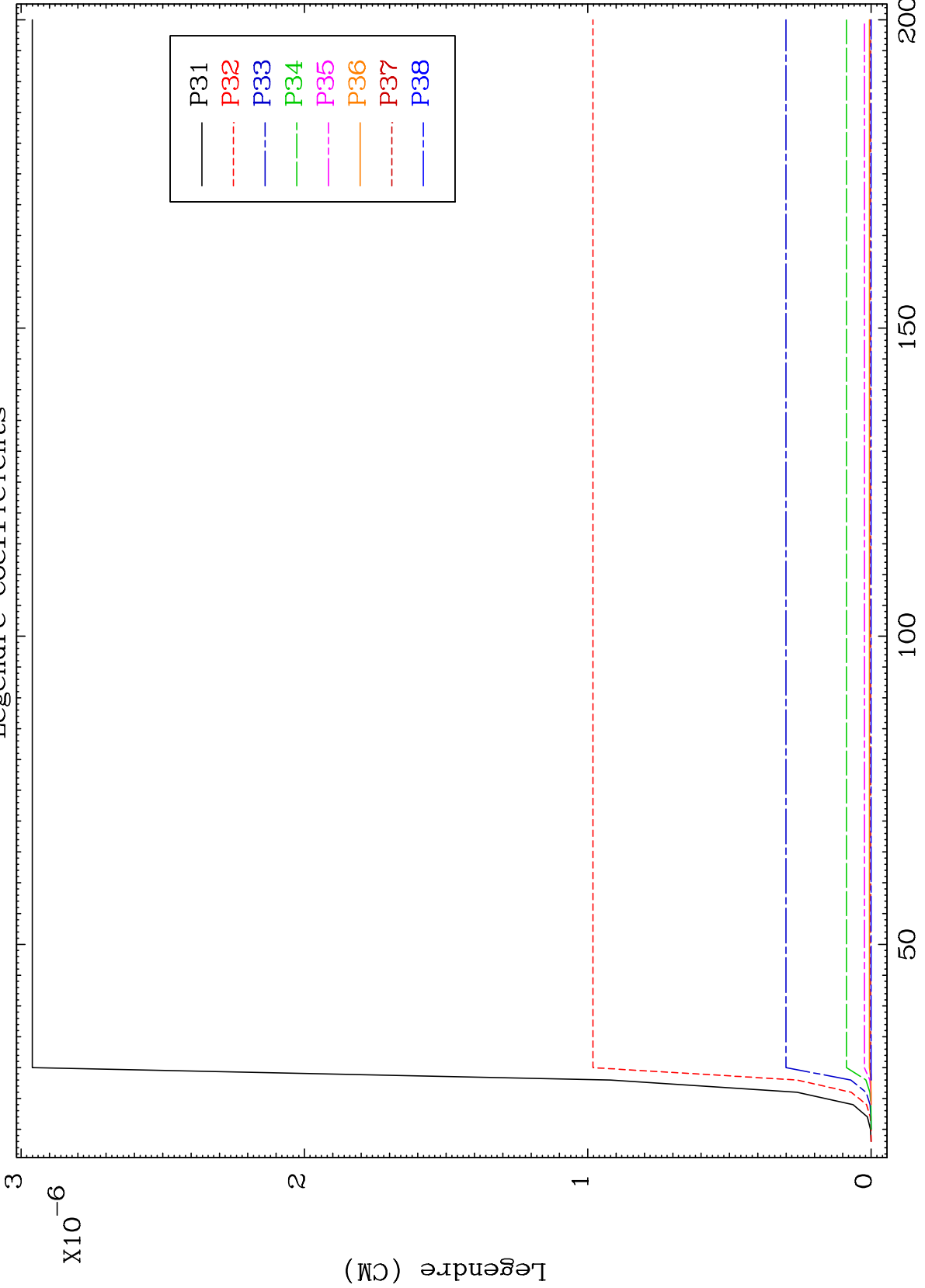
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



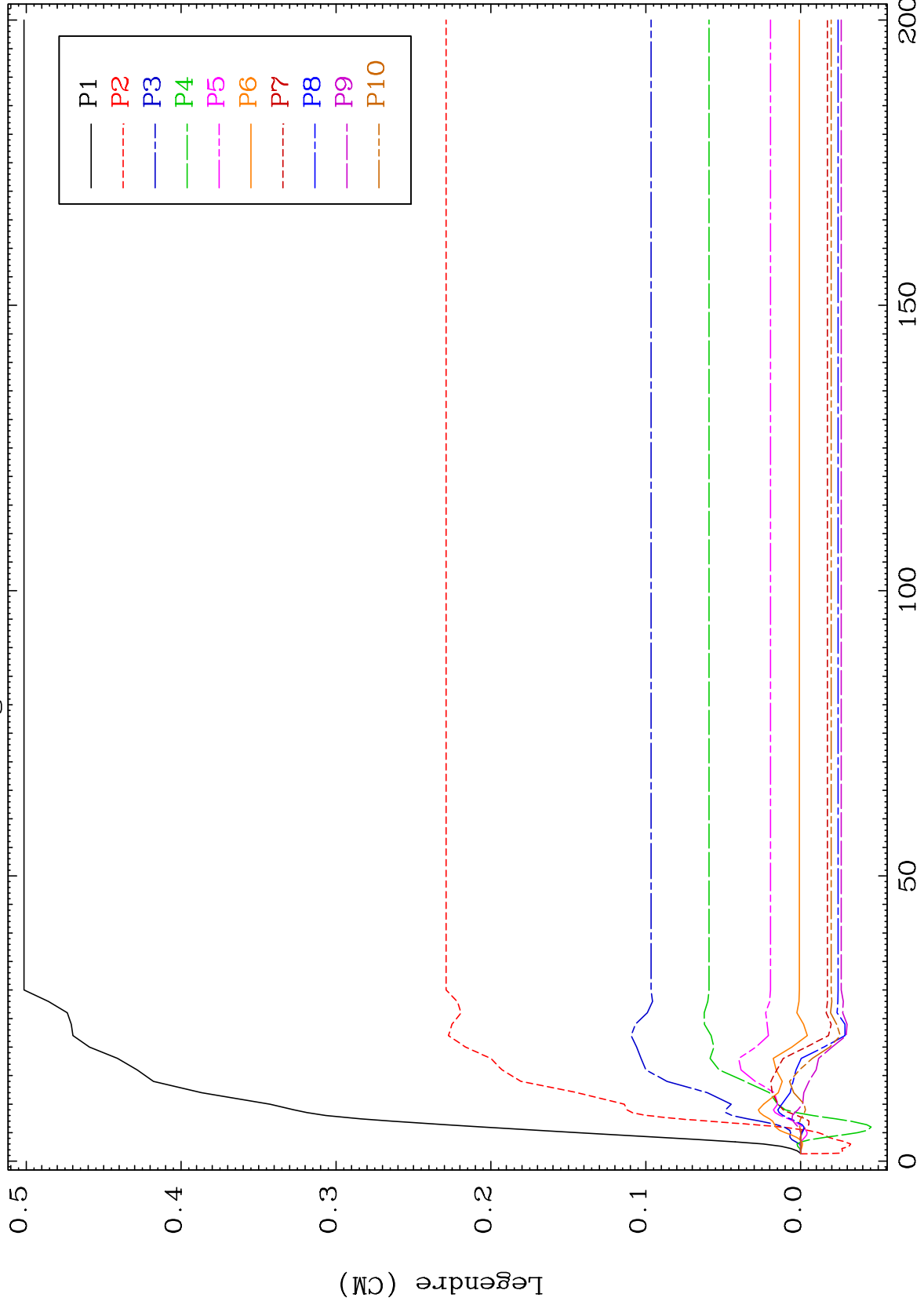
23

82-Pb-204

MAT 8225

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

82-Pb-204



24

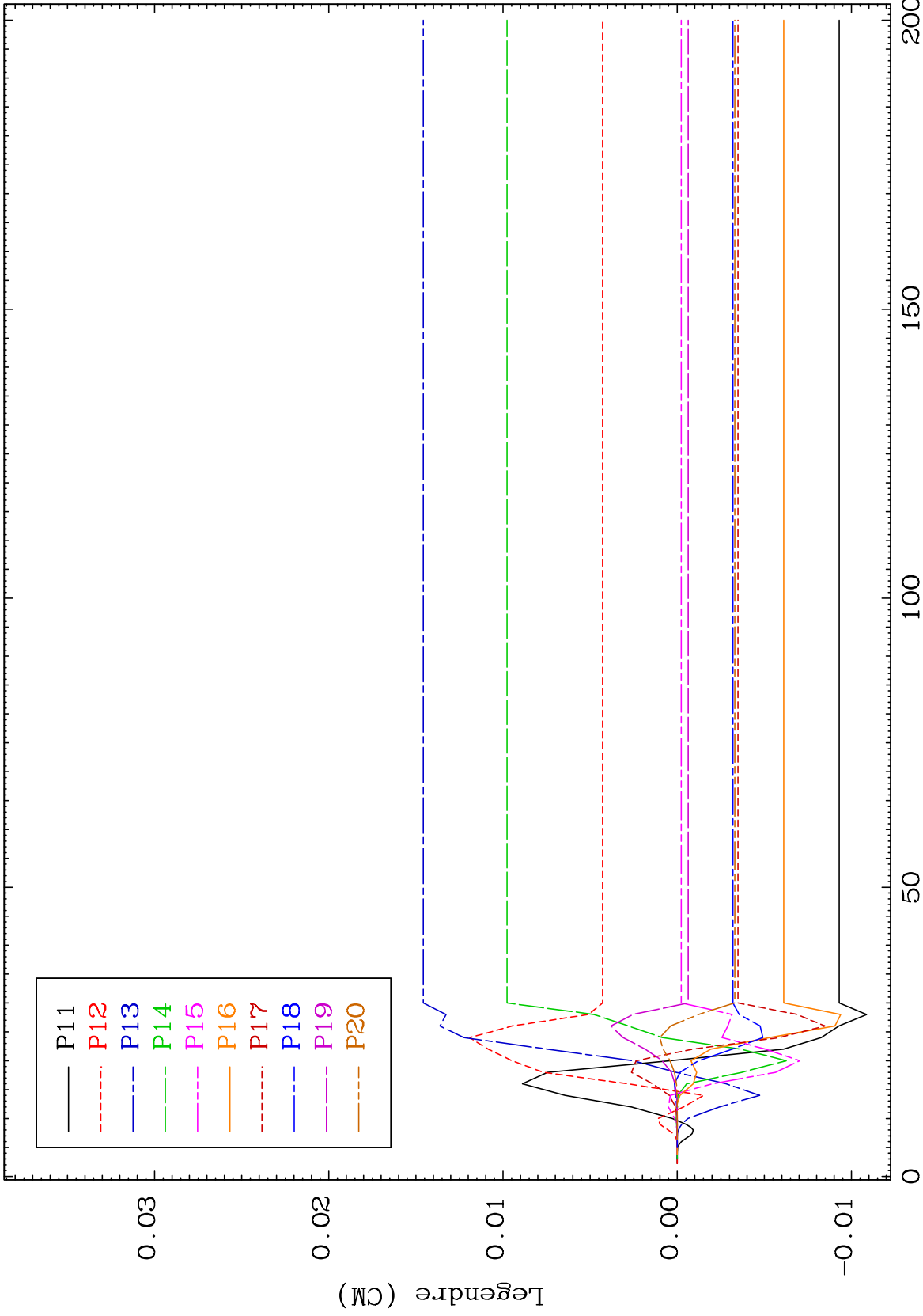
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



25

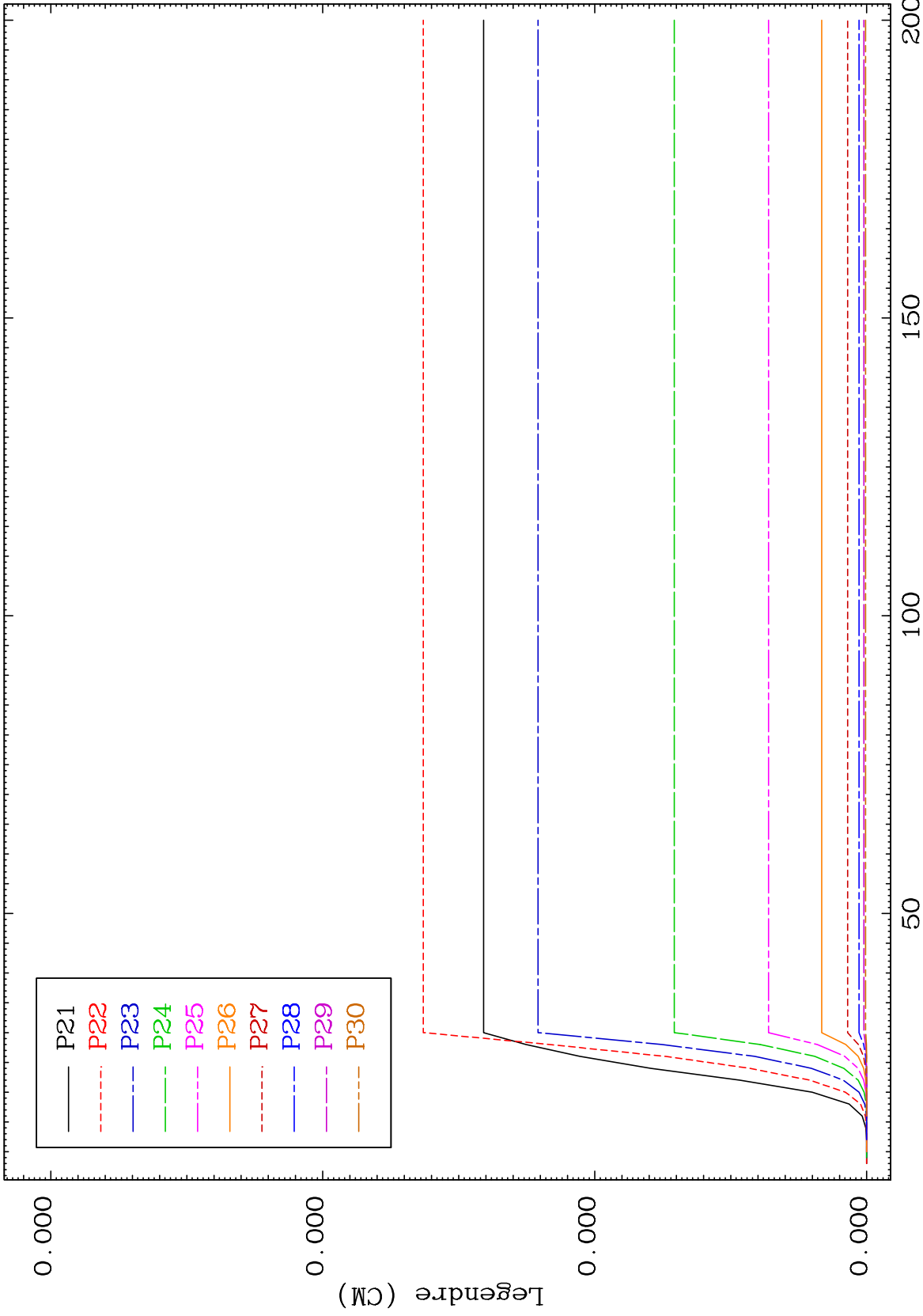
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

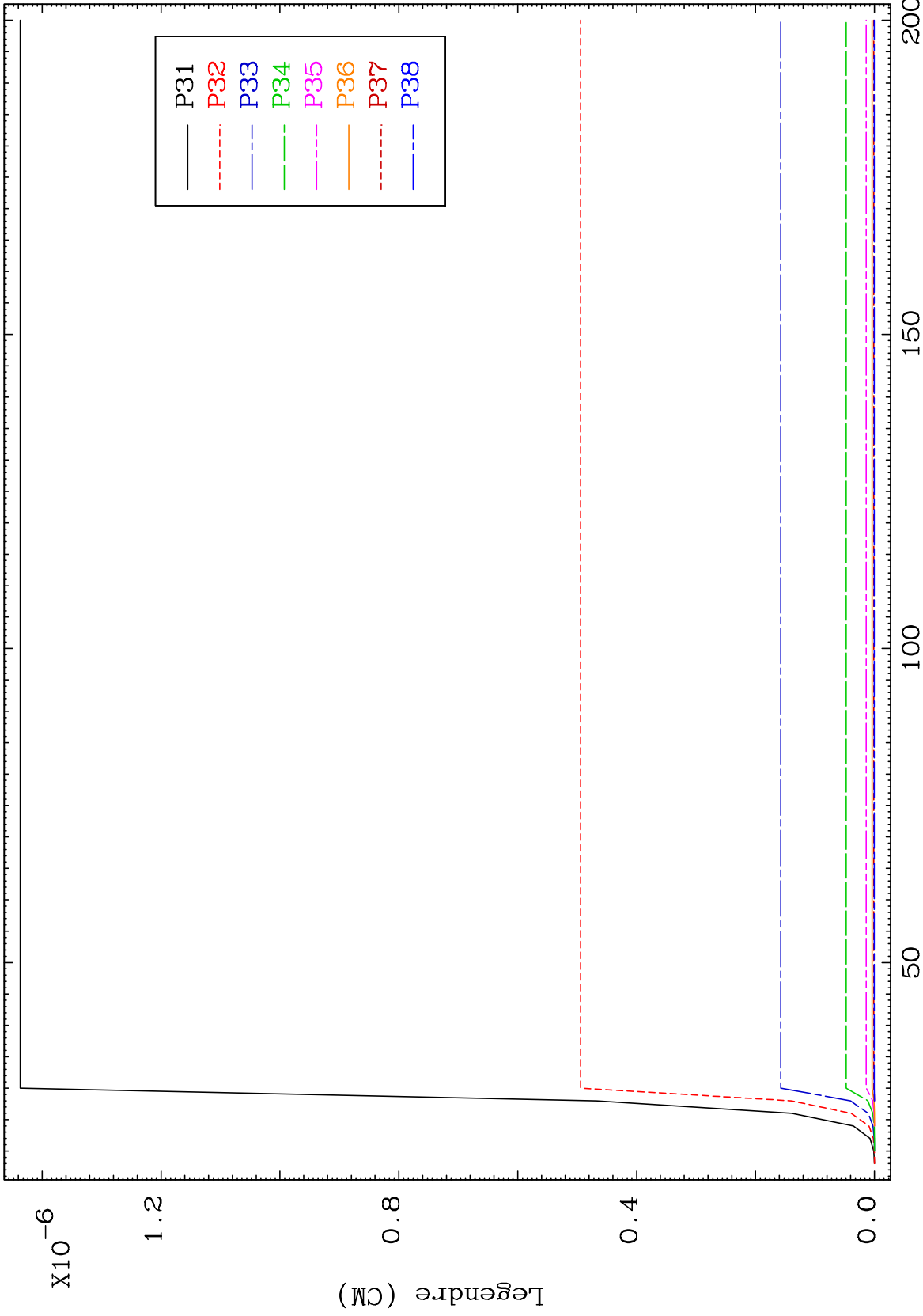
82-Pb-204



MAT 8225

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

82-Pb-204



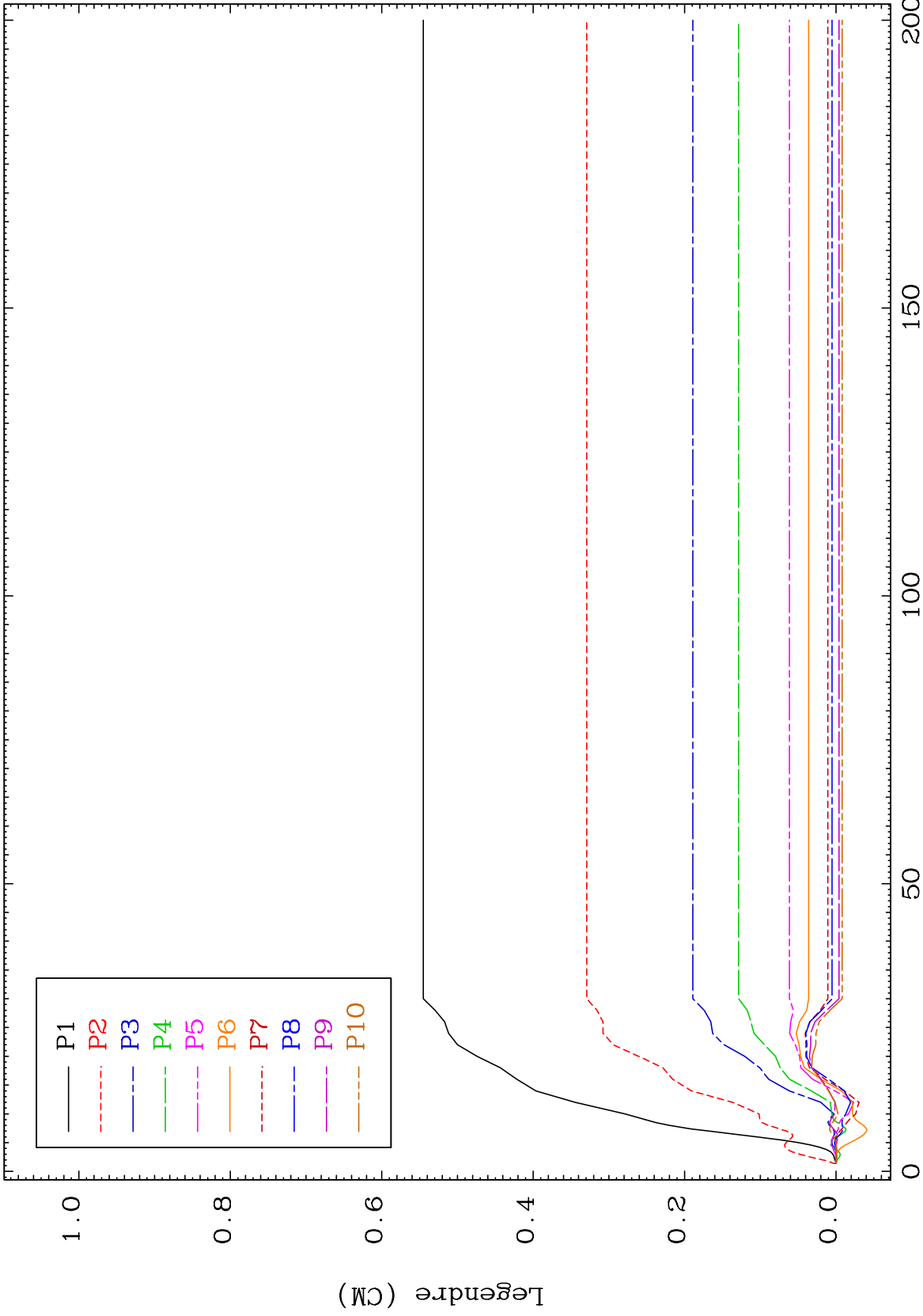
27

82-Pb-204

MAT 8225

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

82-Pb-204



28

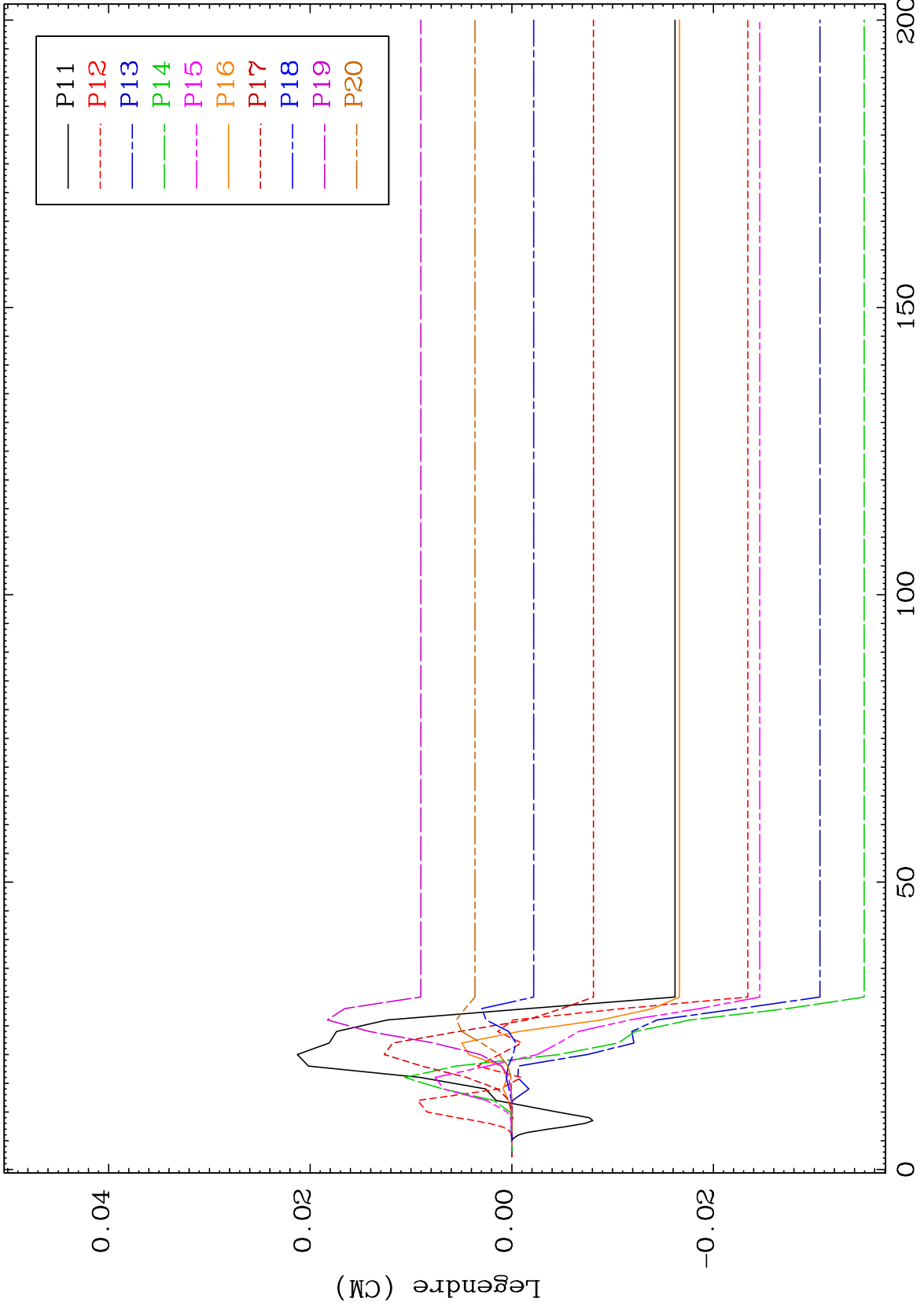
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



29

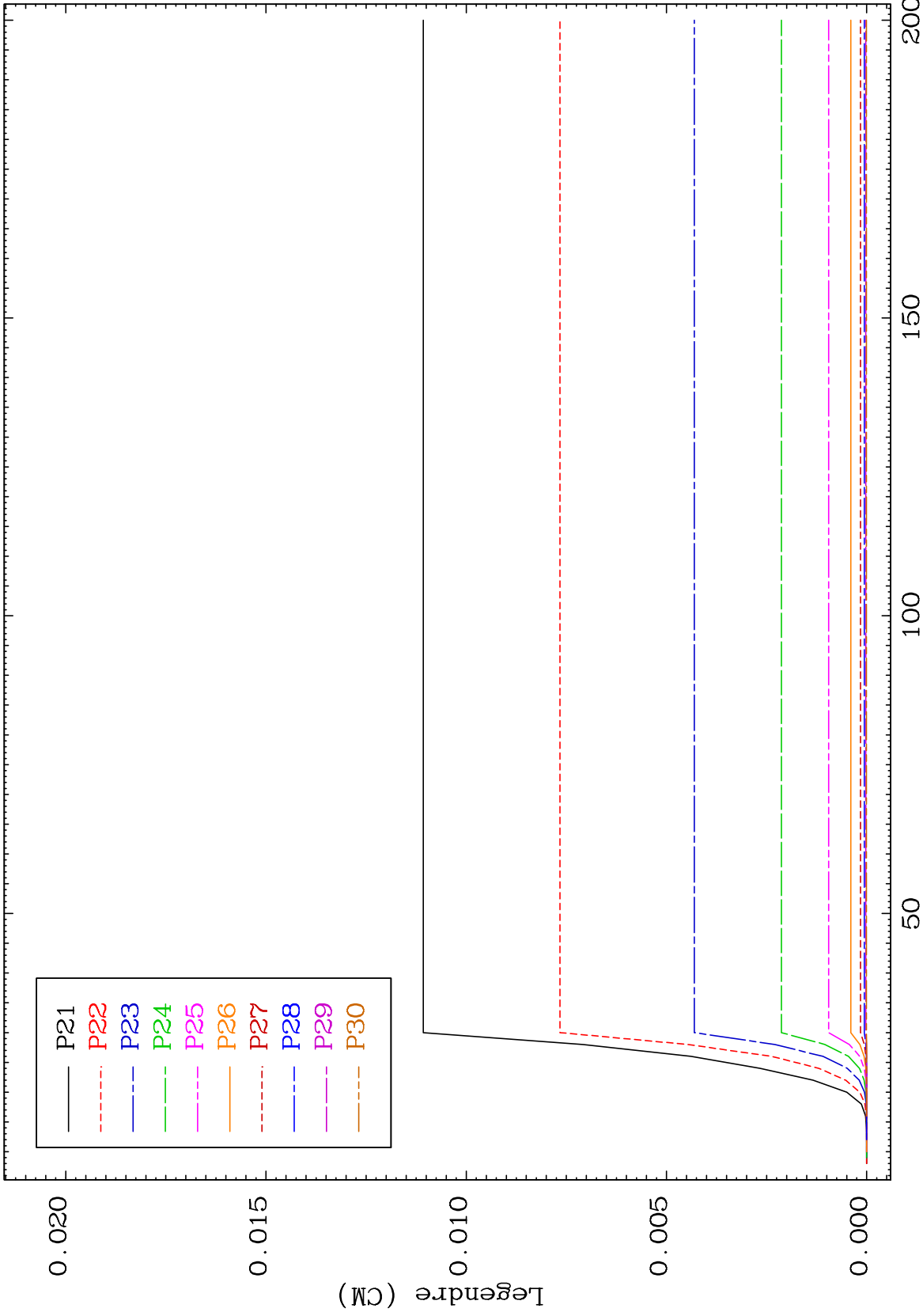
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



30

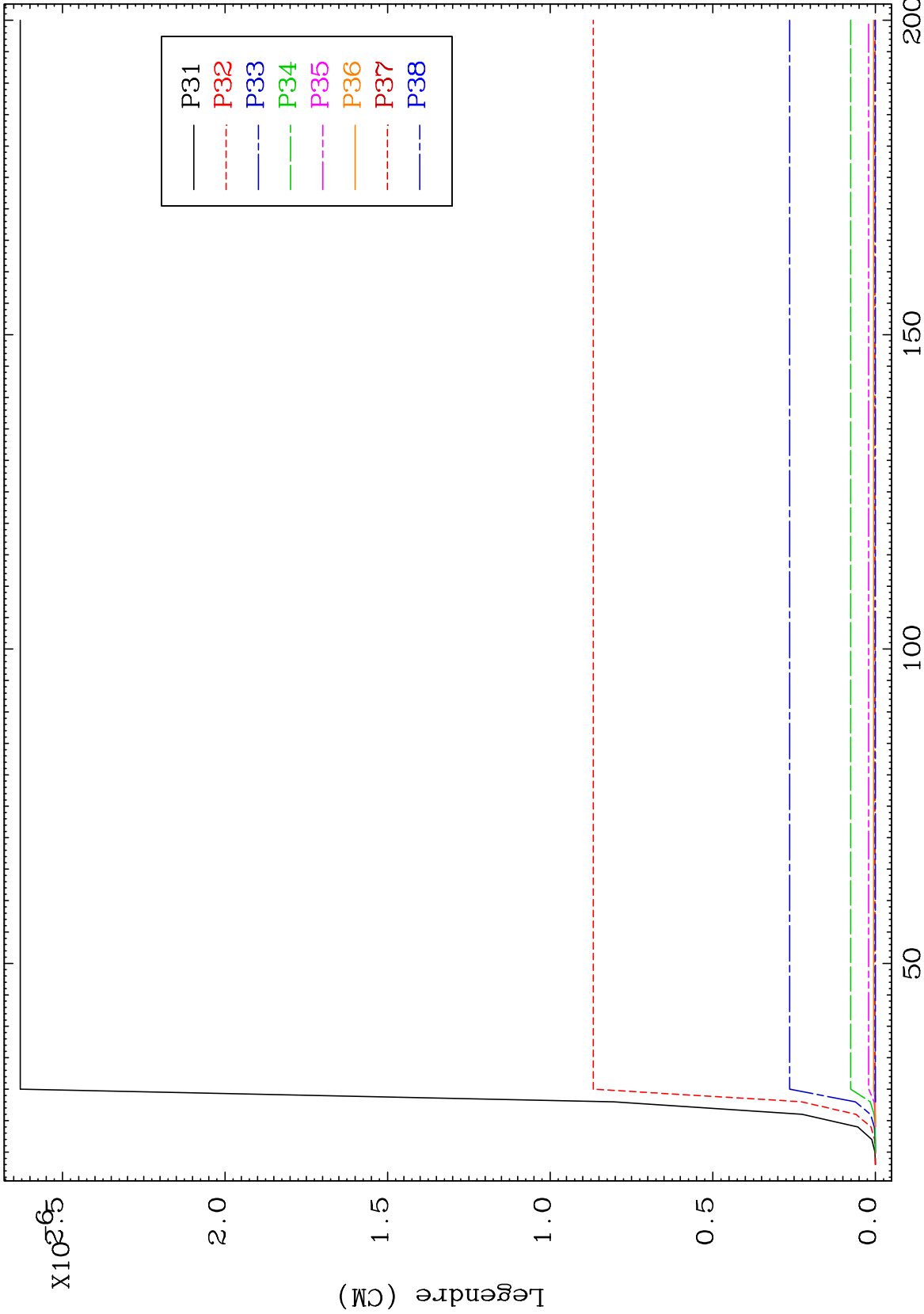
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



31

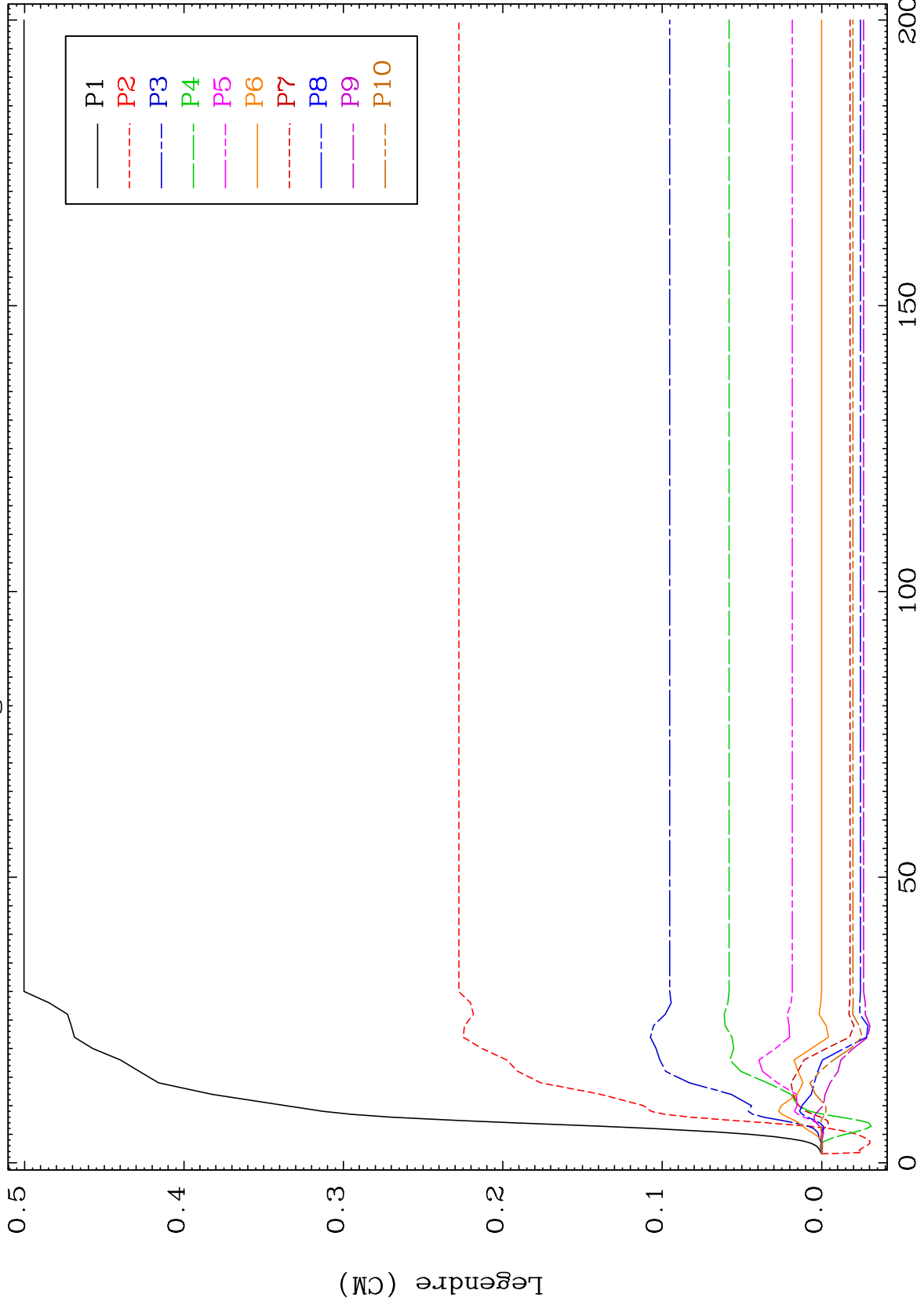
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



32

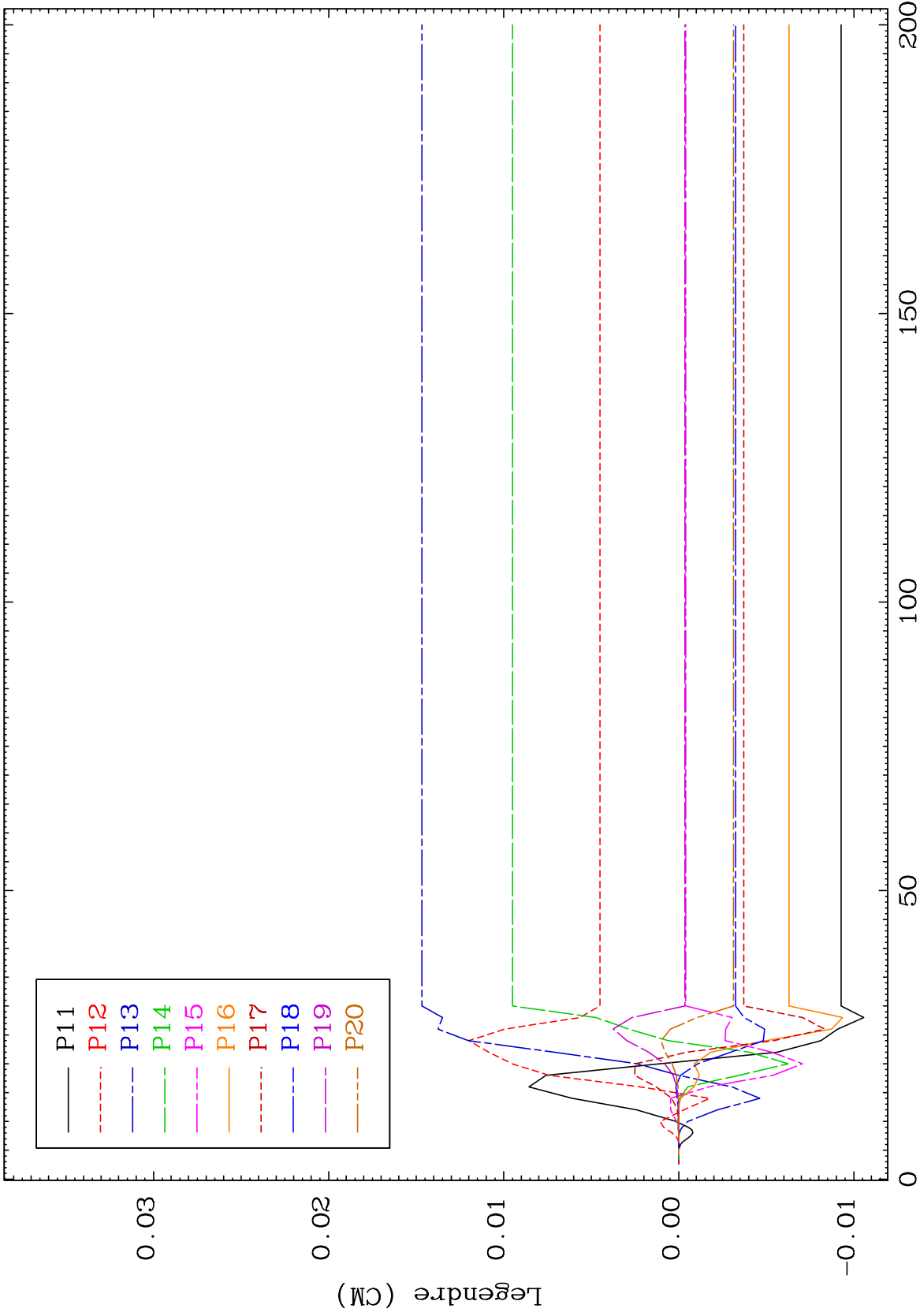
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



33

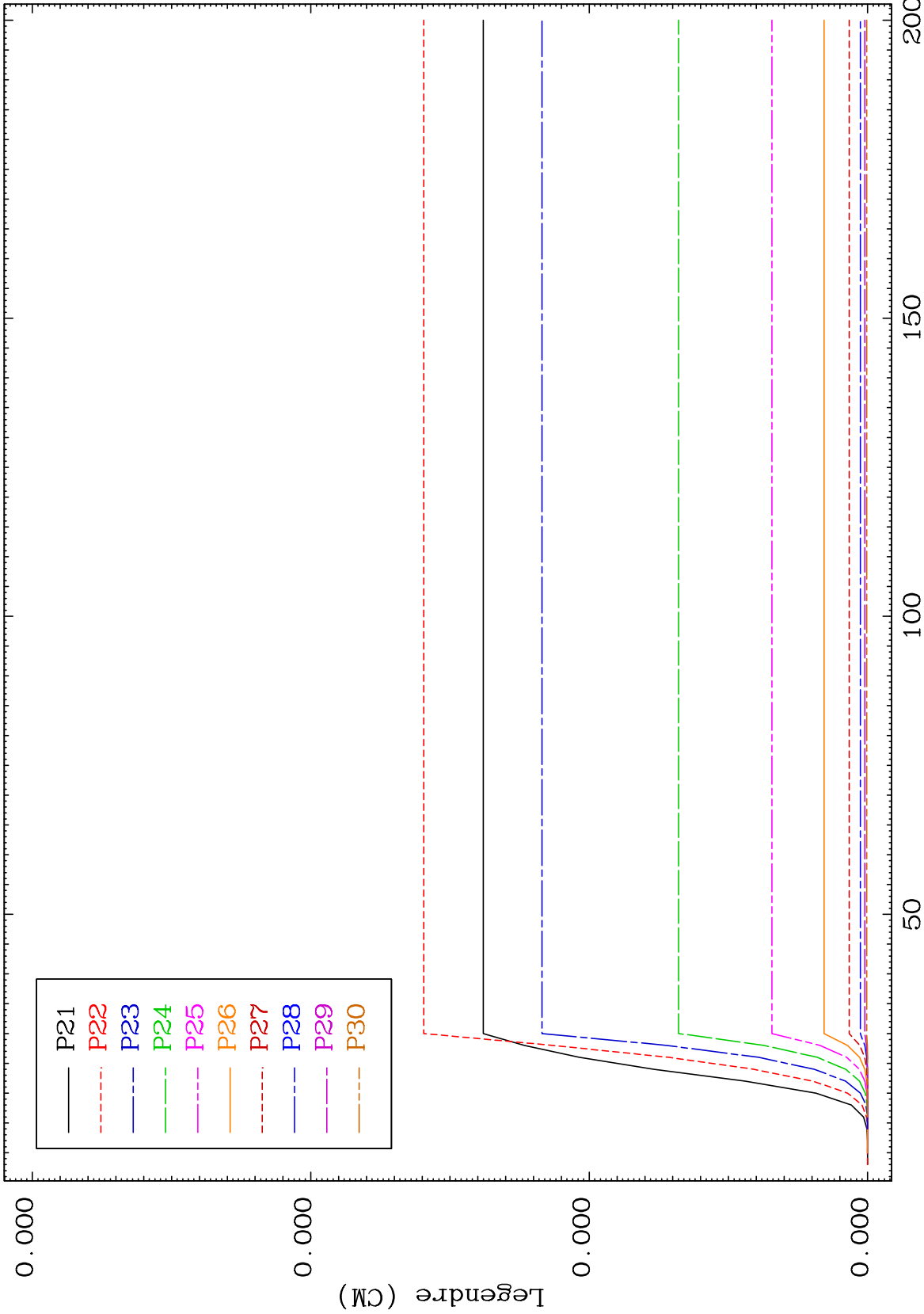
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

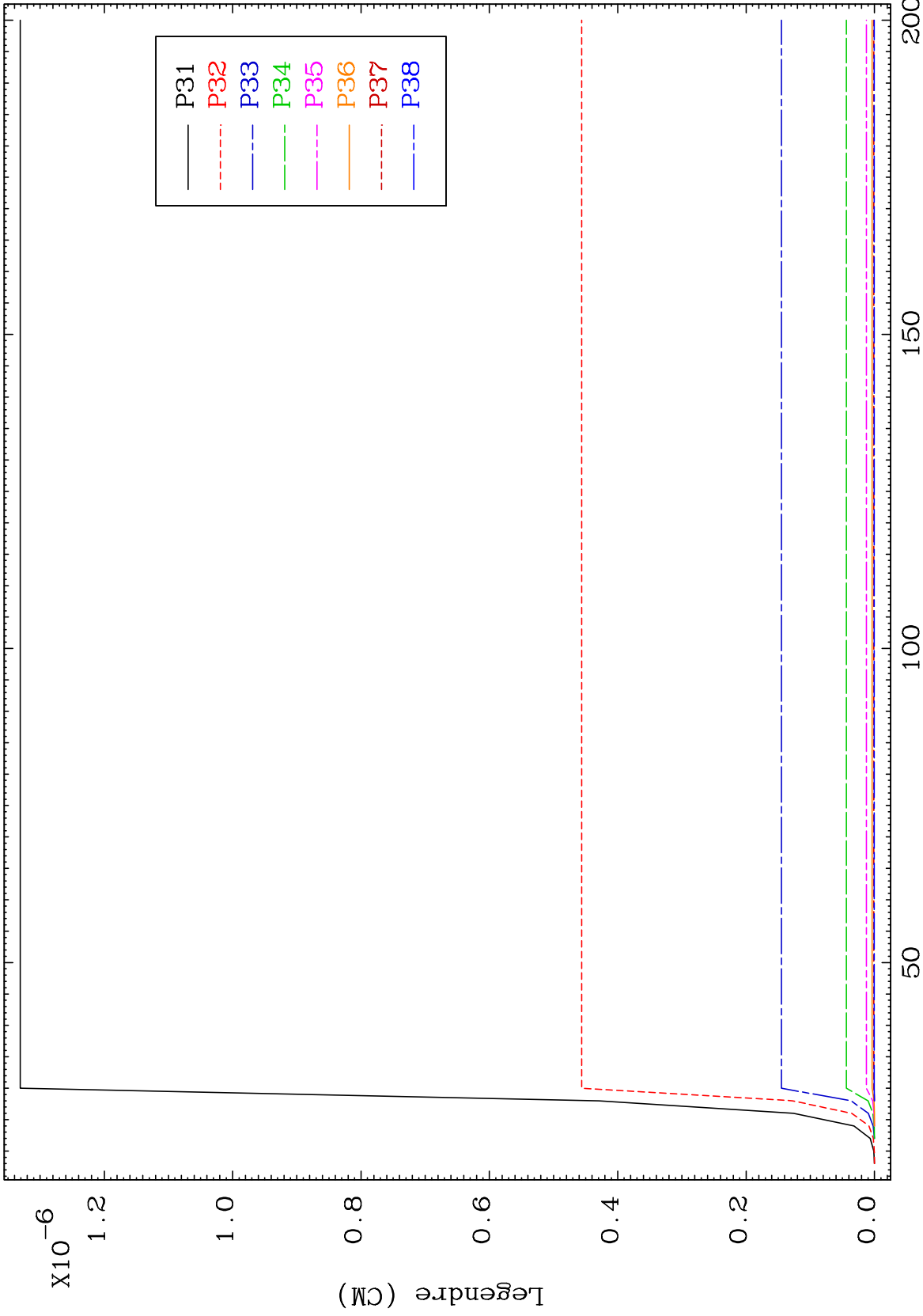
82-Pb-204



MAT 8225

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

82-Pb-204



35

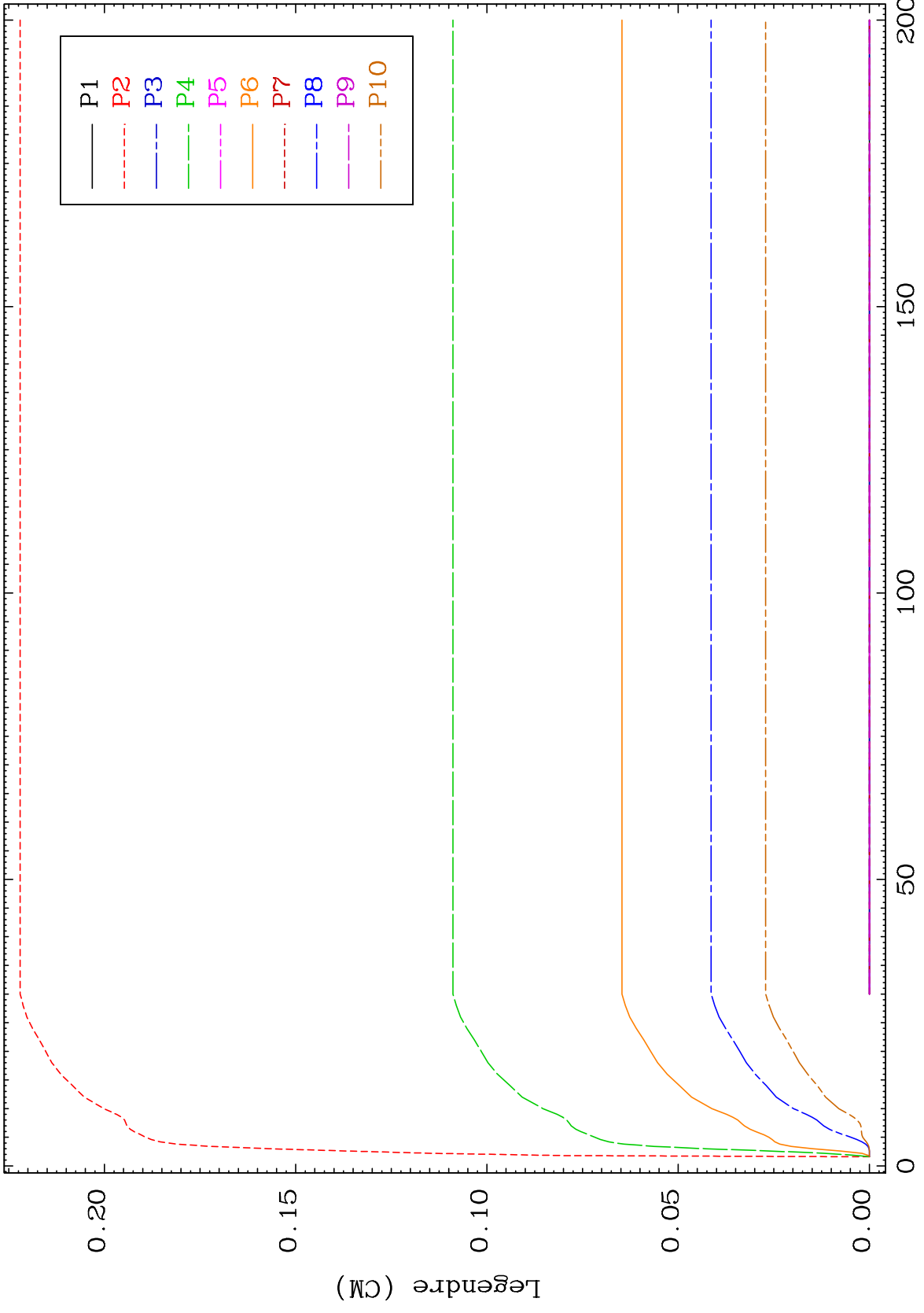
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



36

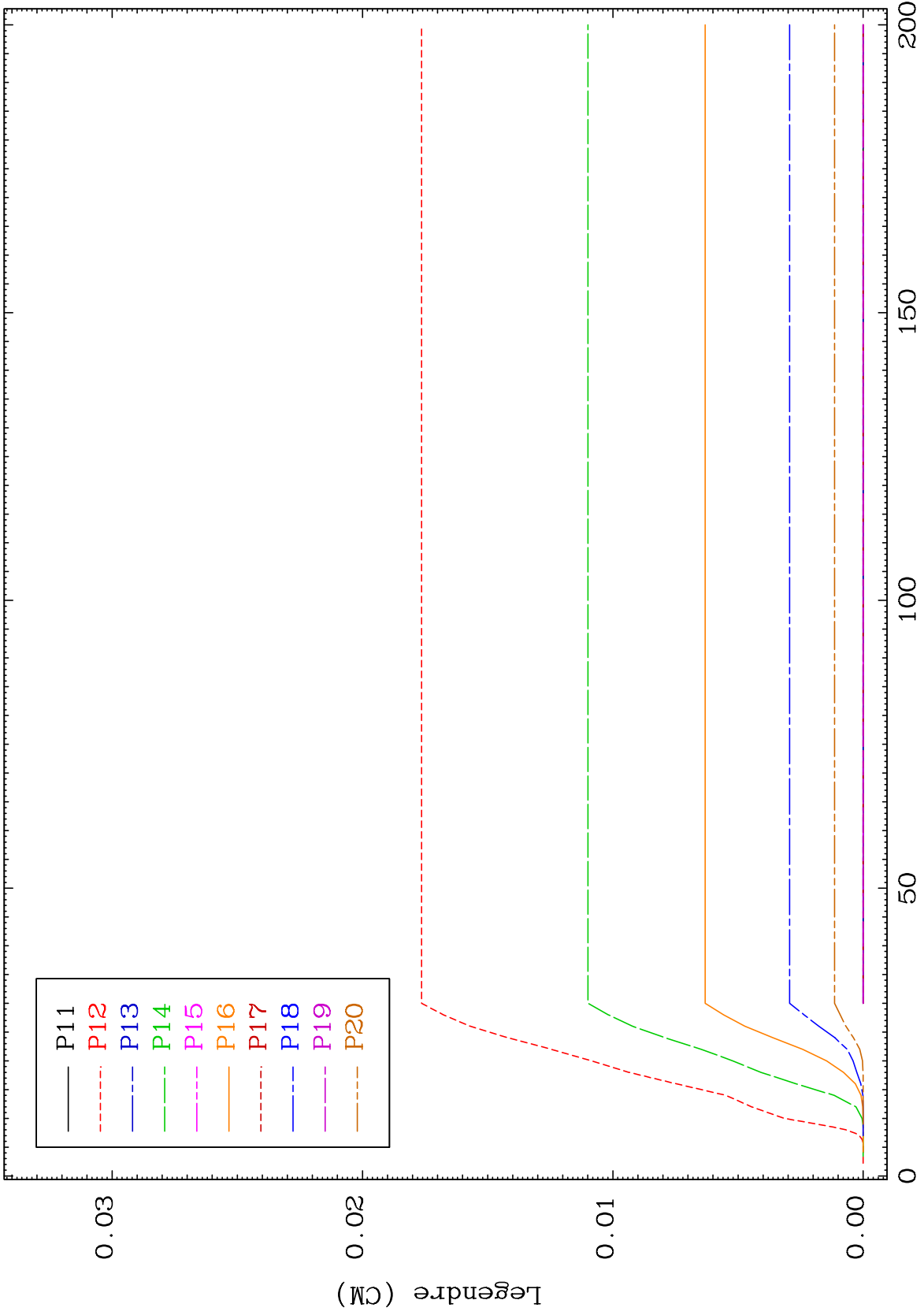
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204

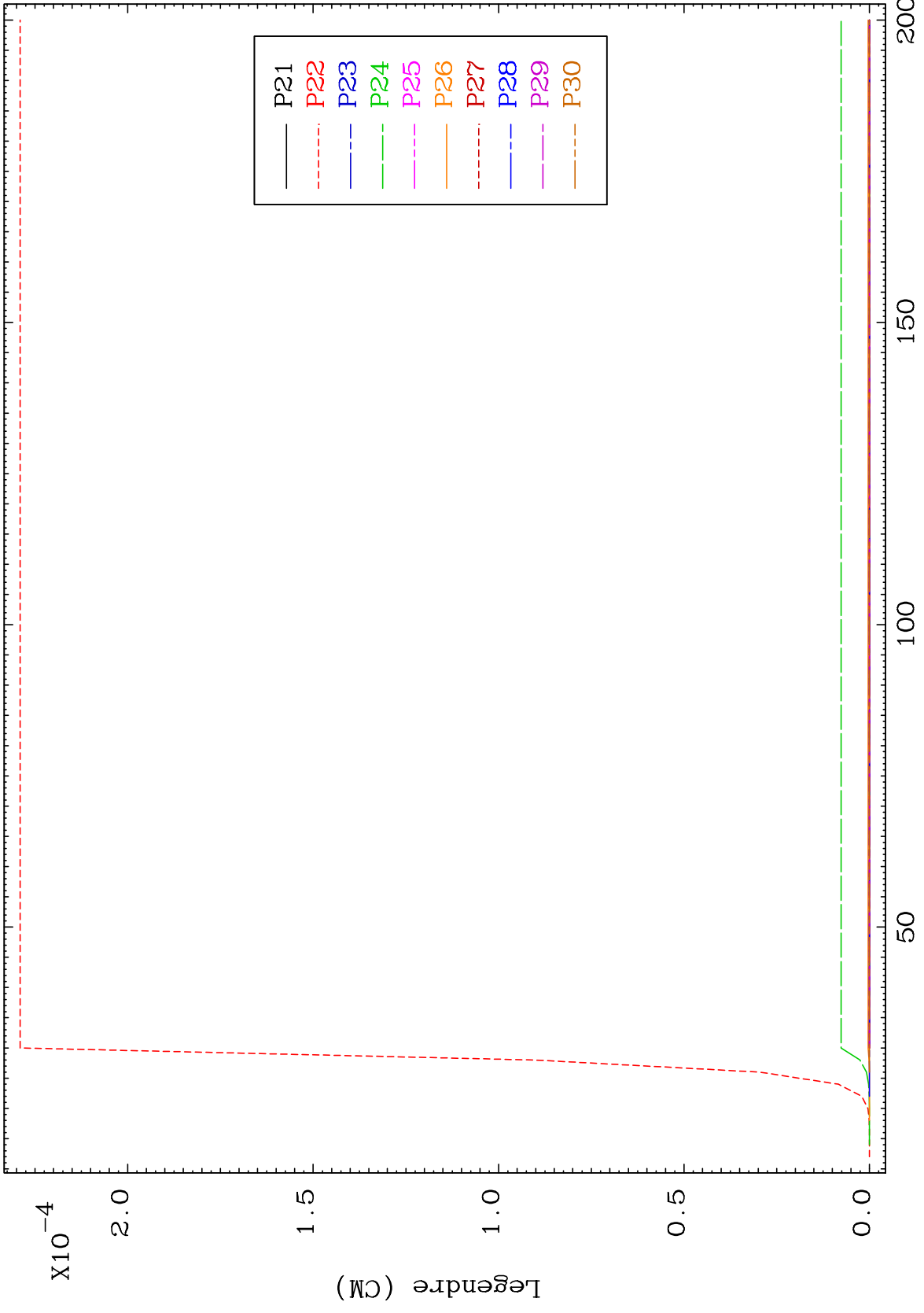


37

Incident Energy (MeV)

82-Pb-204

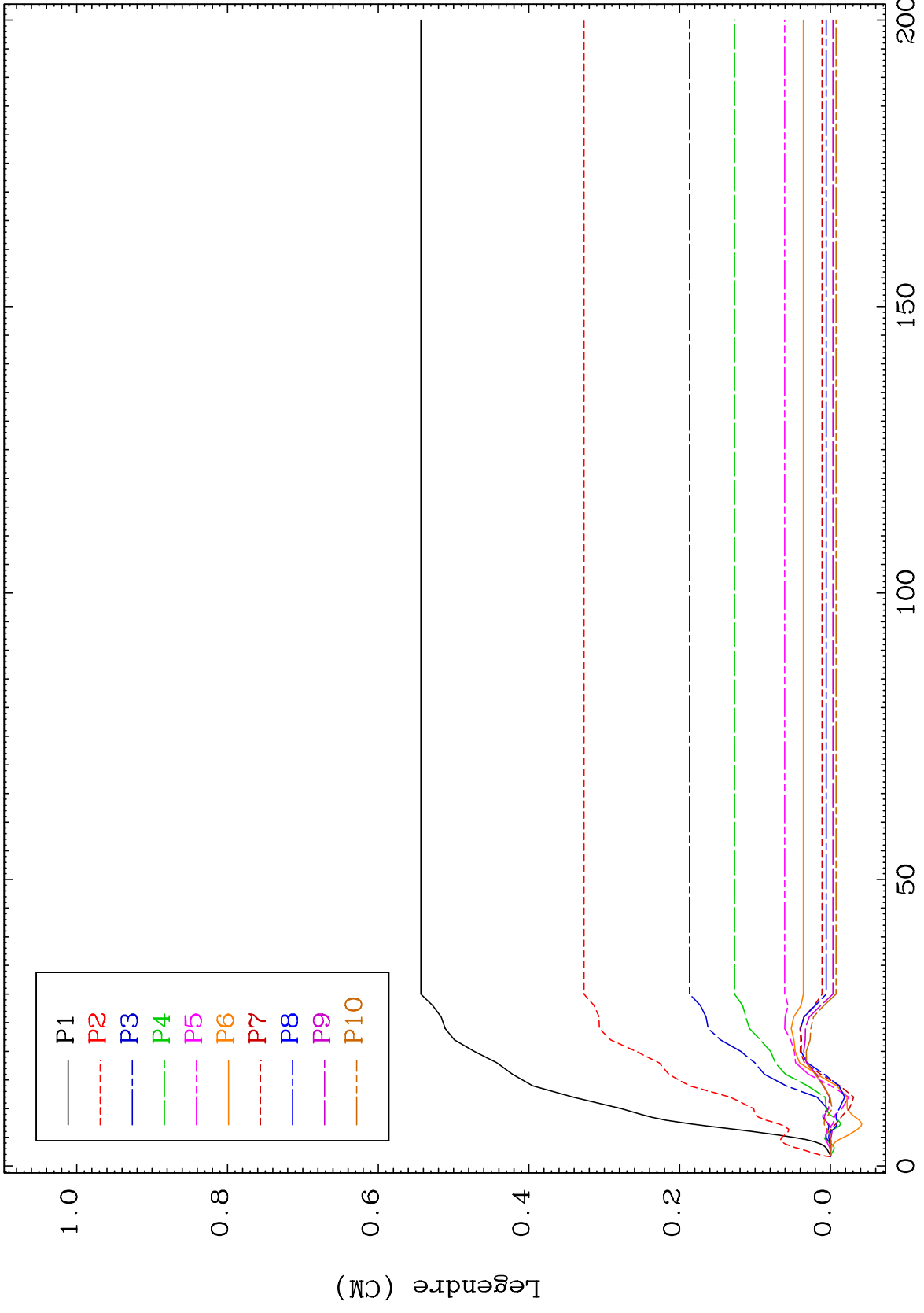
MAT 8225 MT= 55 (n,n') Level Legendre Coefficients 82-Pb-204



MAT 8225

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

82-Pb-204



39

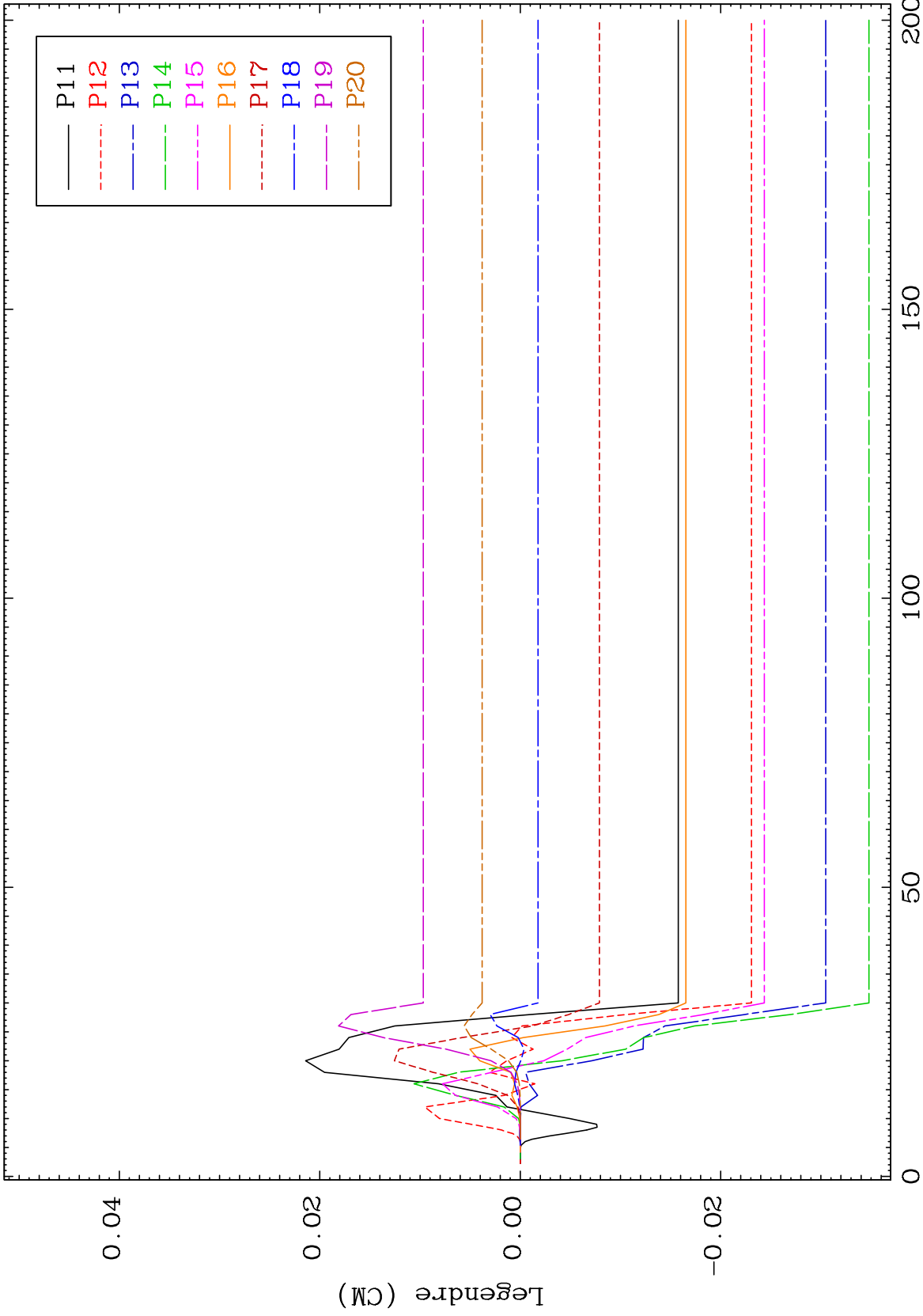
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



40

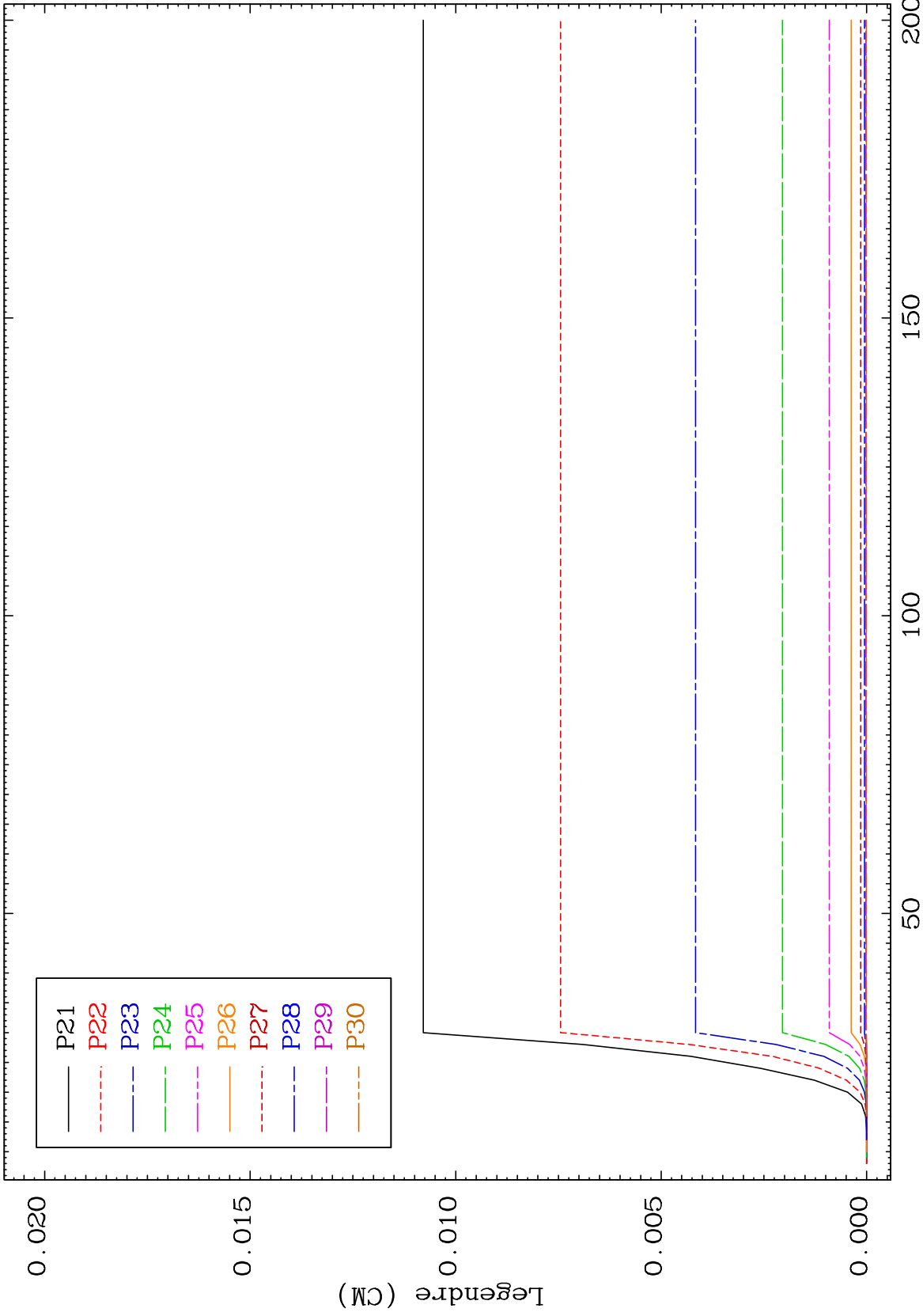
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

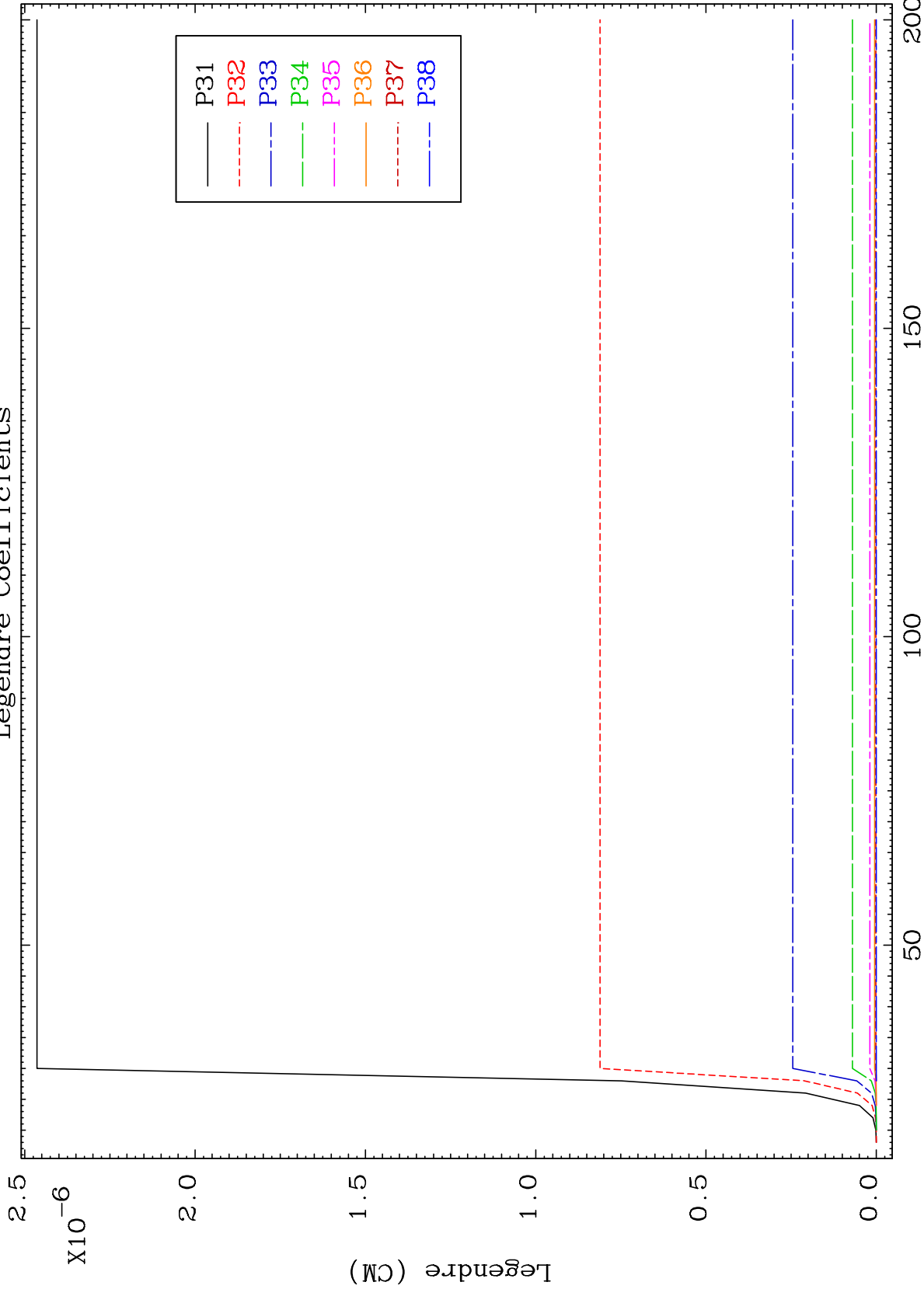
82-Pb-204



MAT 8225

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

82-Pb-204



42

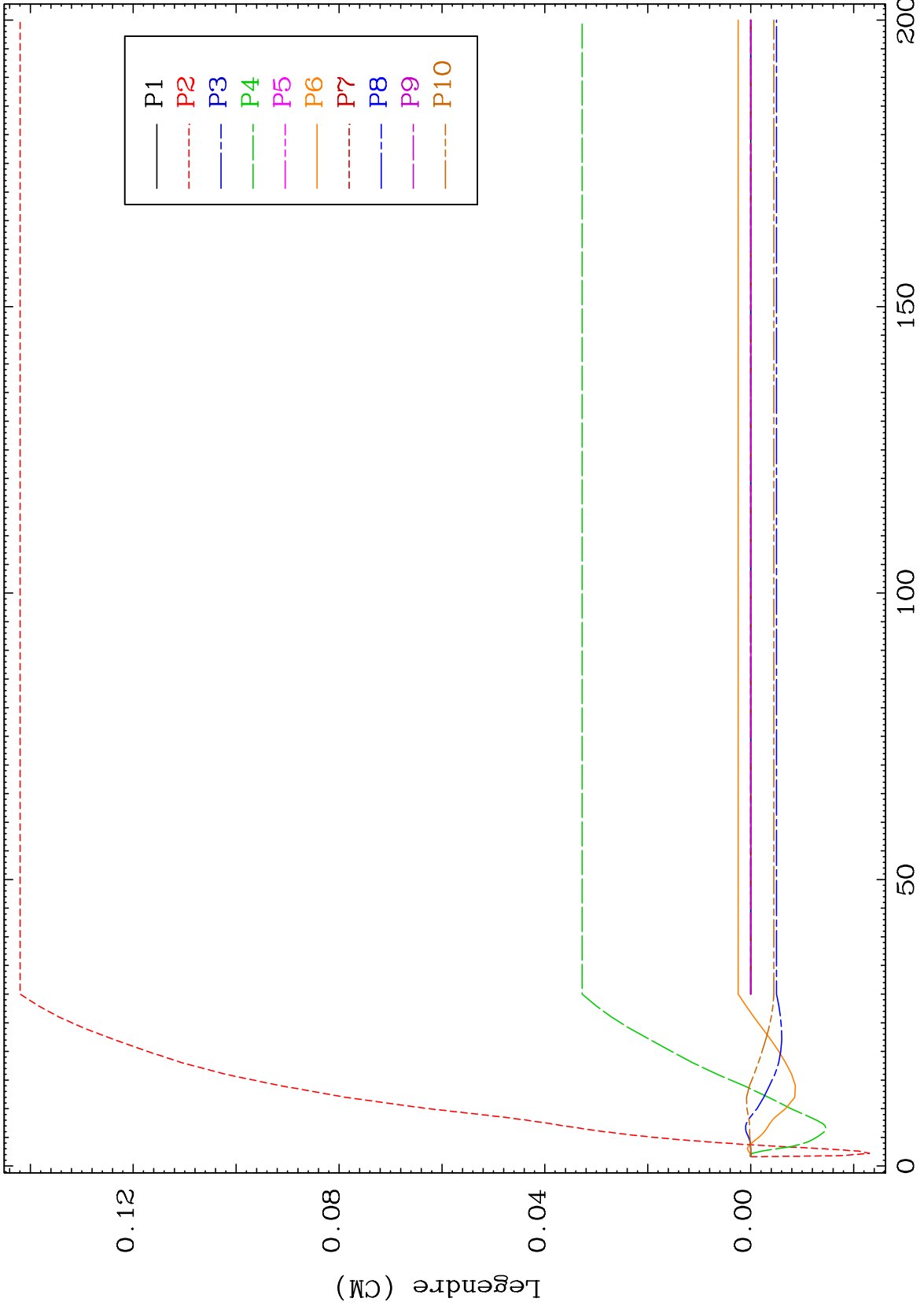
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



43

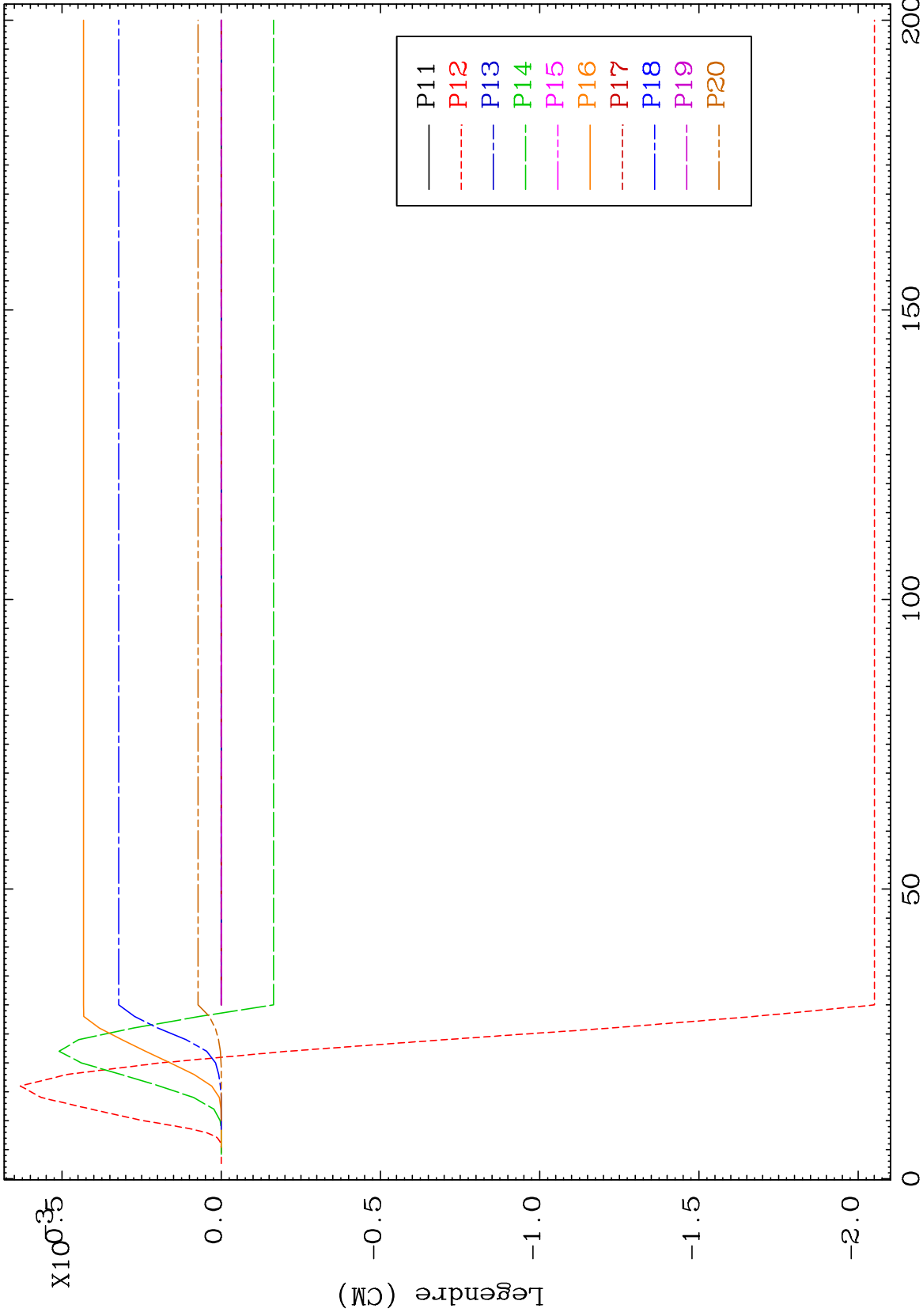
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



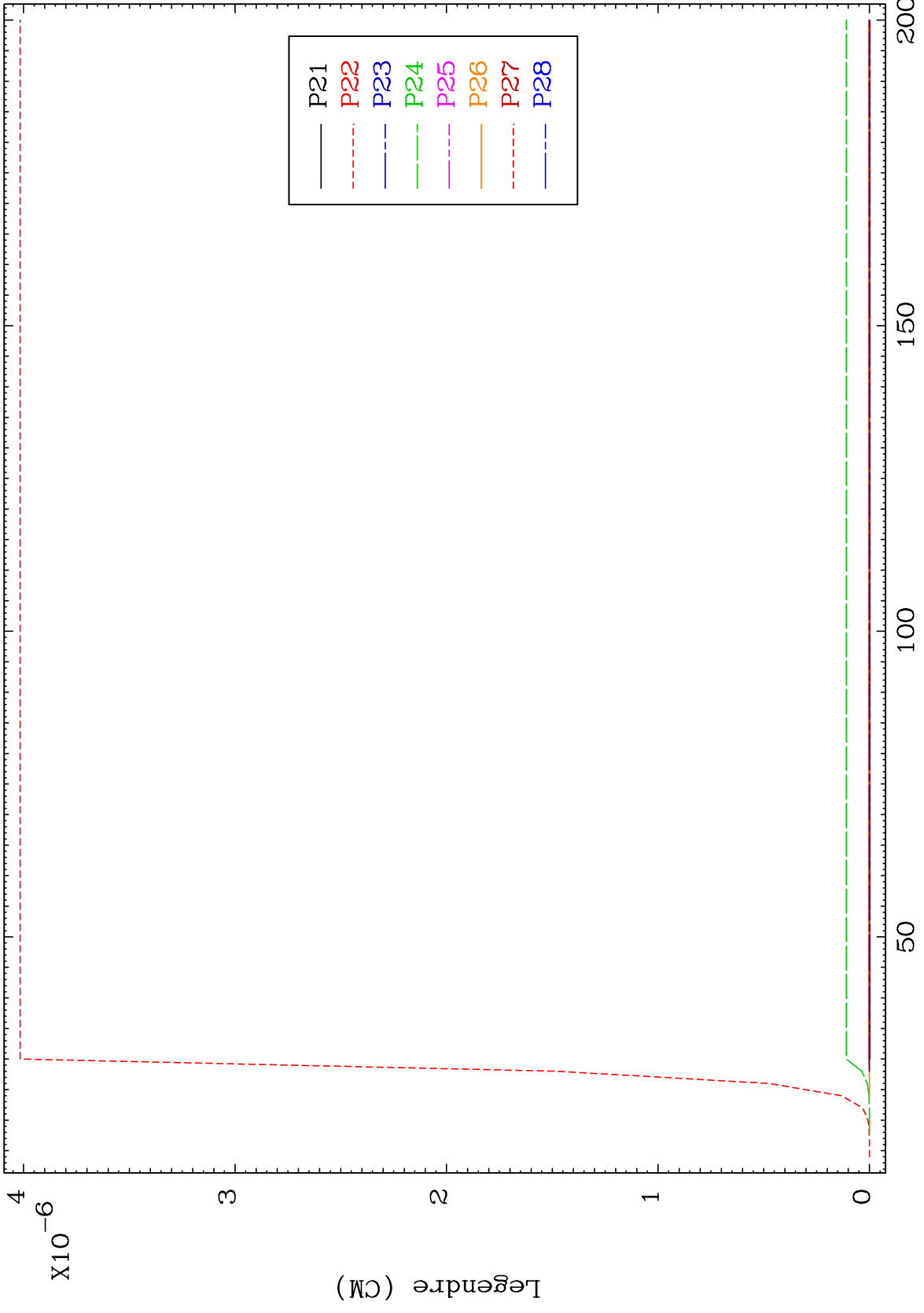
44

Incident Energy (MeV)

82-Pb-204

MAT 8225 MT= 57 (n,n') Level Legendre Coefficients

82-Pb-204



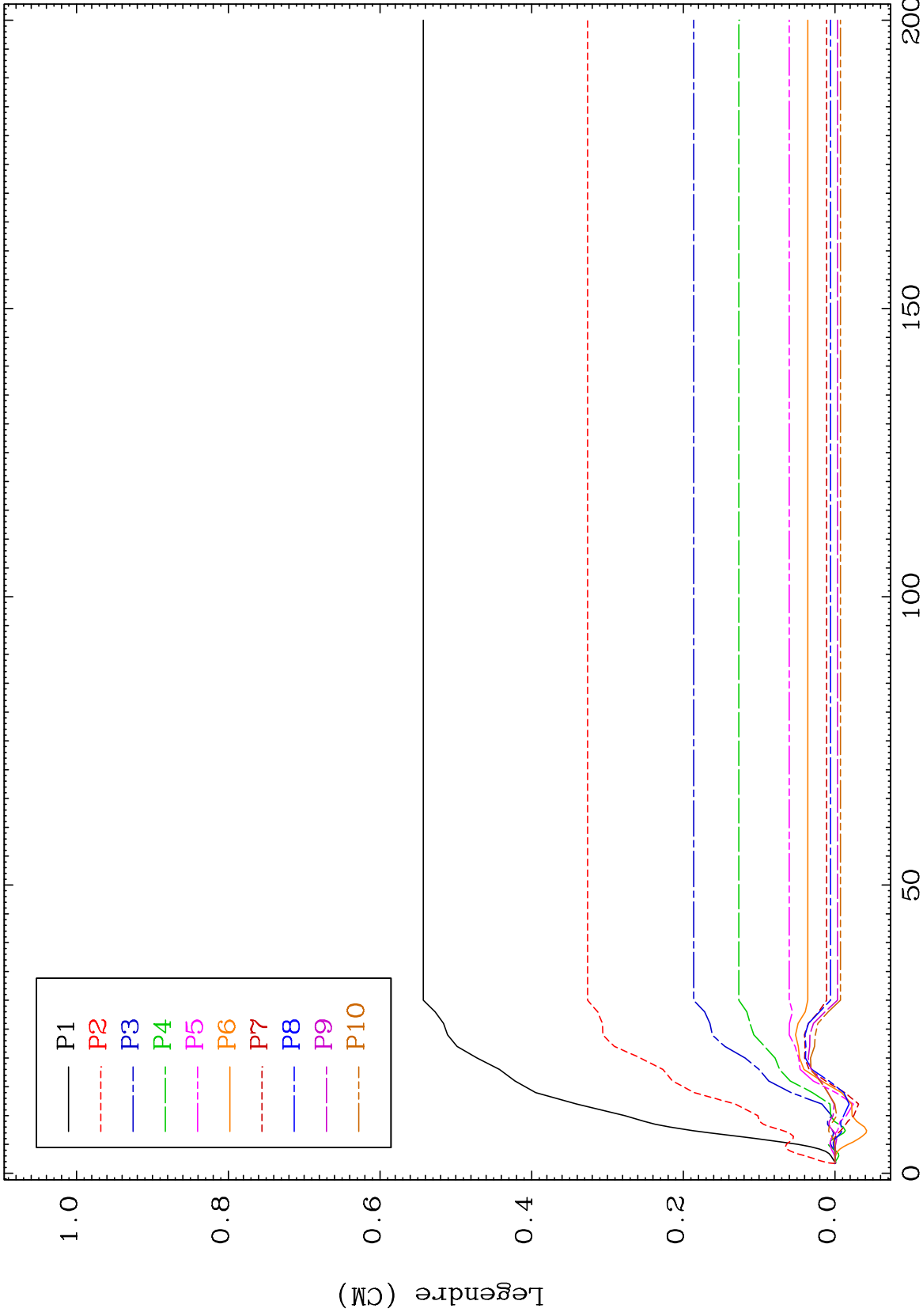
82-Pb-204

45

MAT 8225

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

82-Pb-204



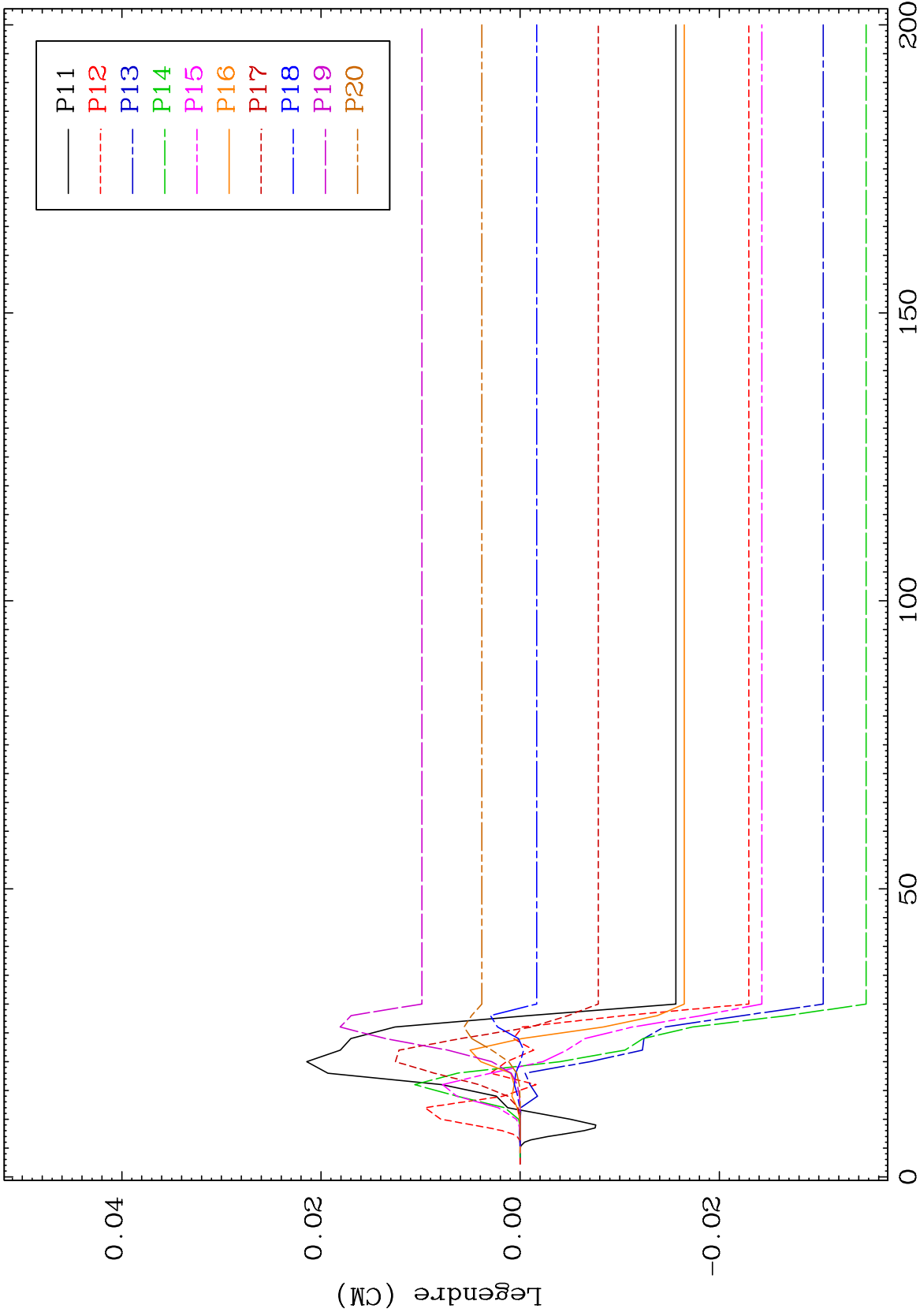
46

82-Pb-204

MAT 8225

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

82-Pb-204



47

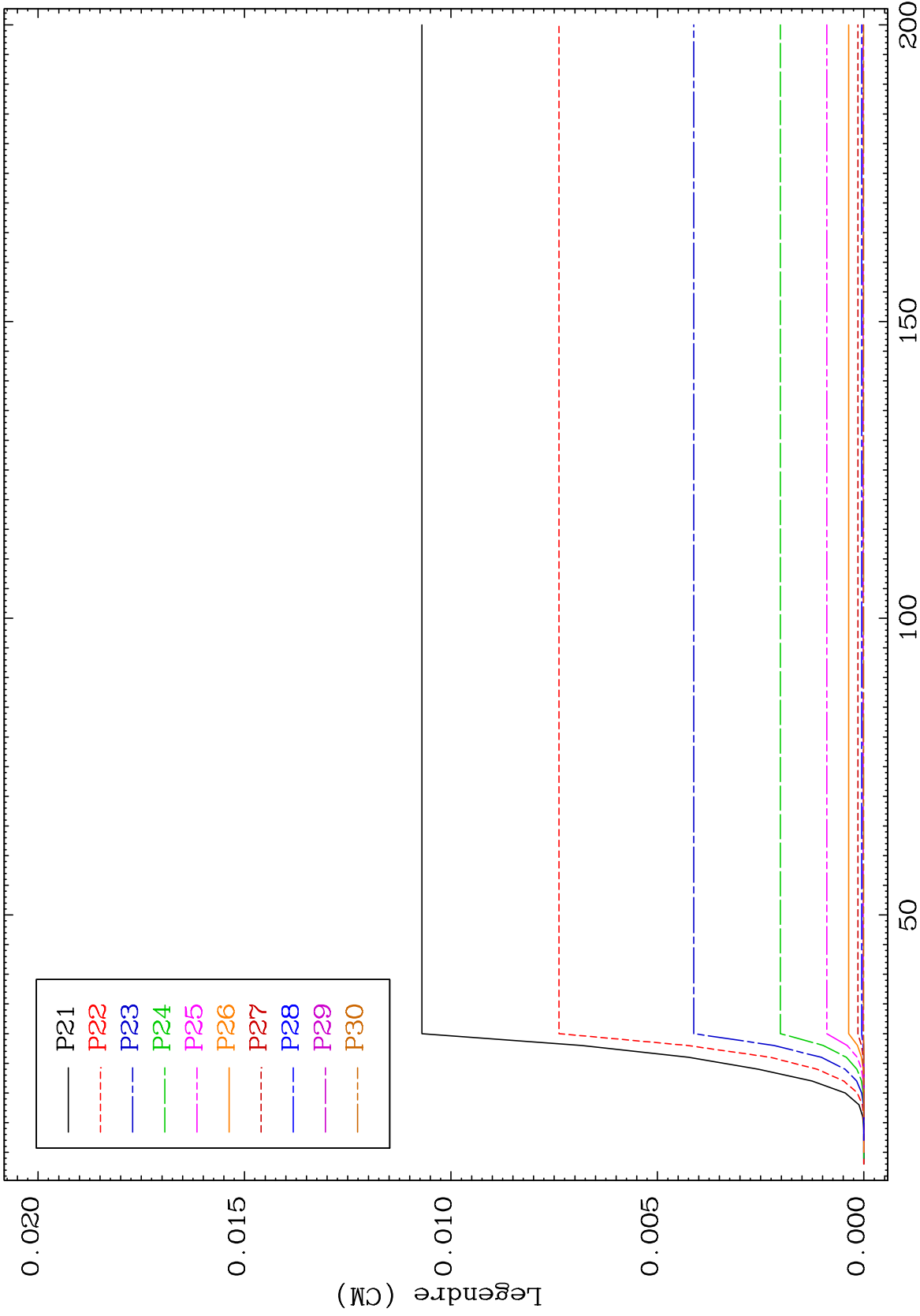
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



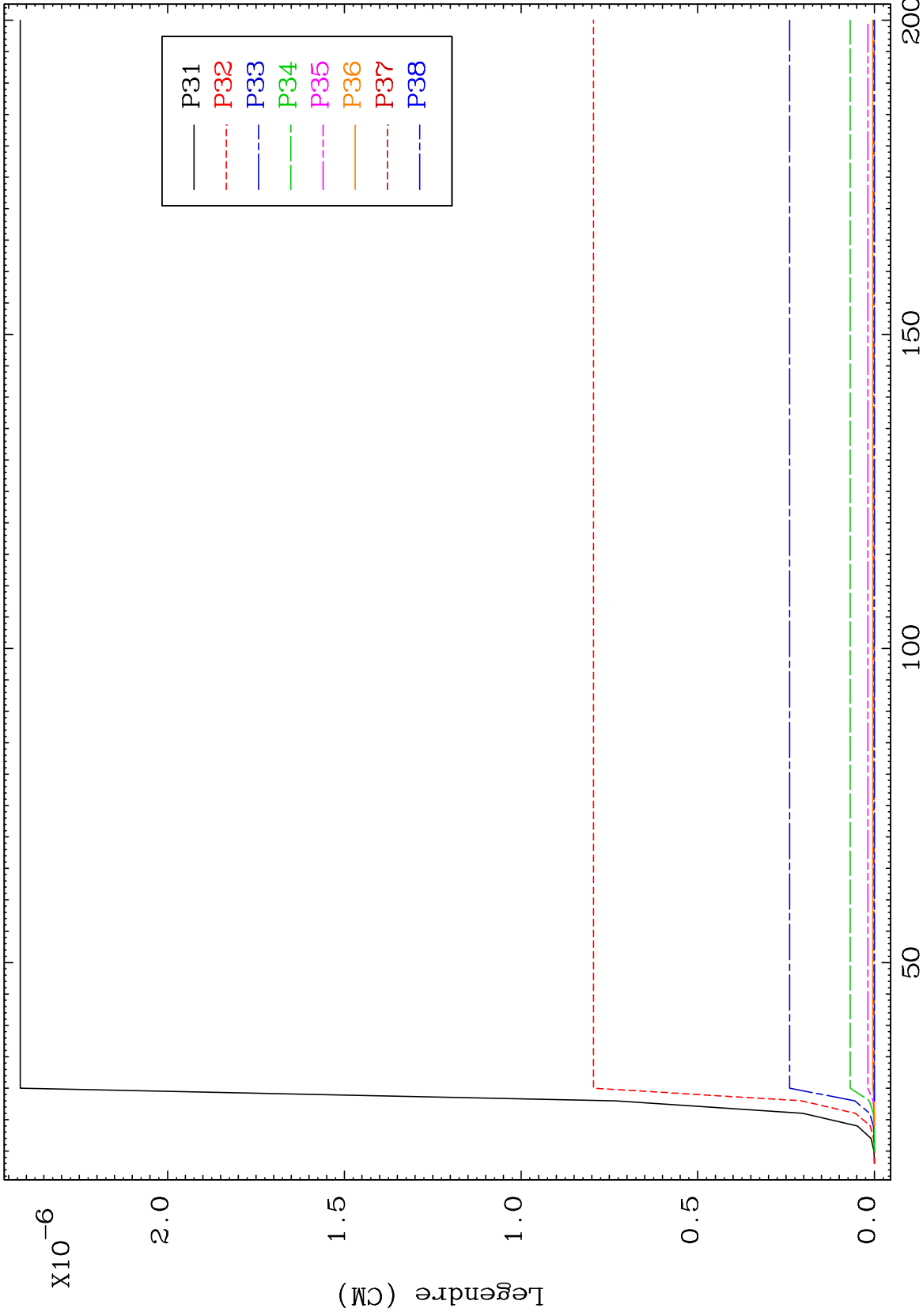
48

204

MAT 8225

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

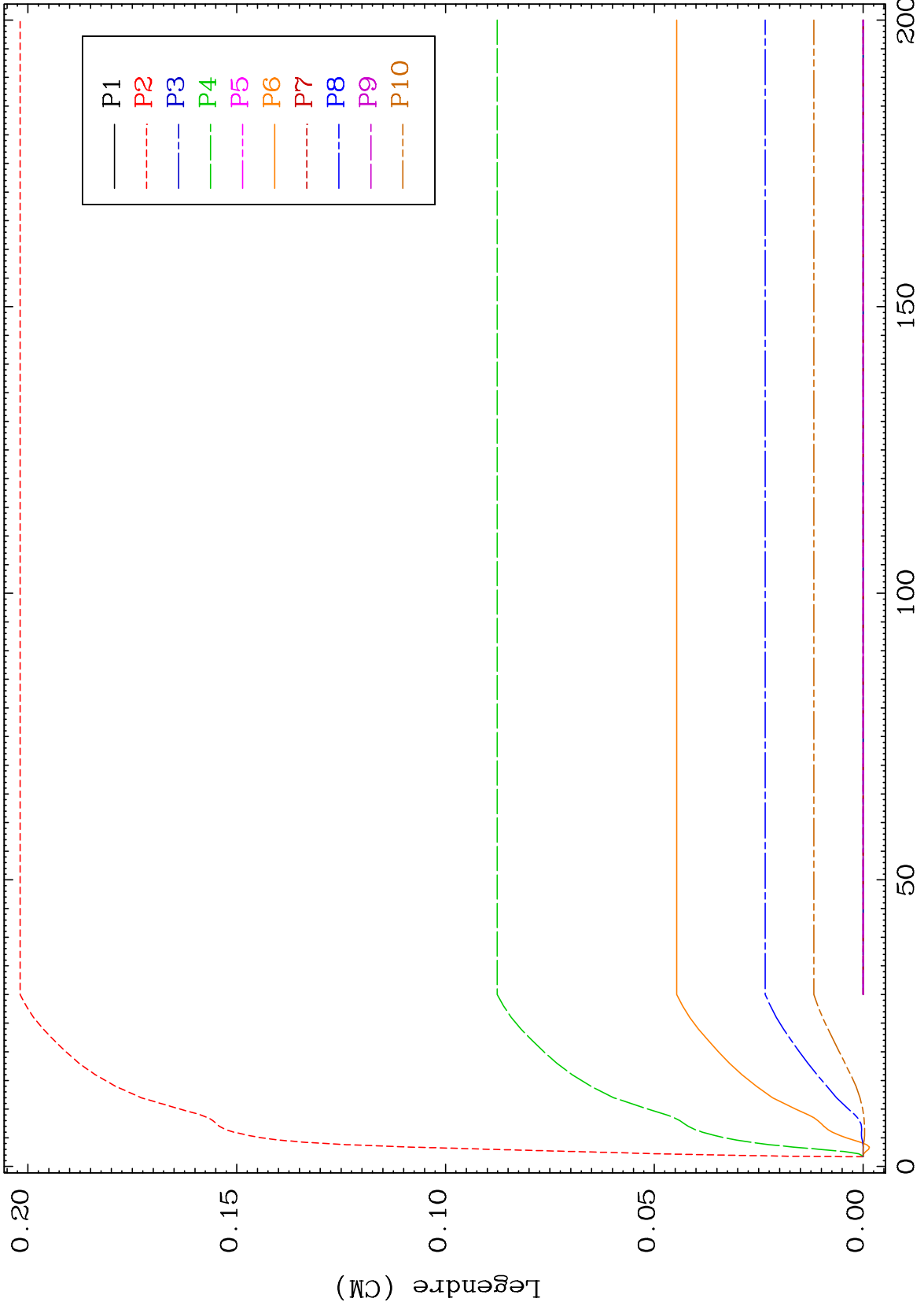
82-Pb-204



49

82-Pb-204

MAT 8225 MT= 59 (n,n') Level Legendre Coefficients 82-Pb-204

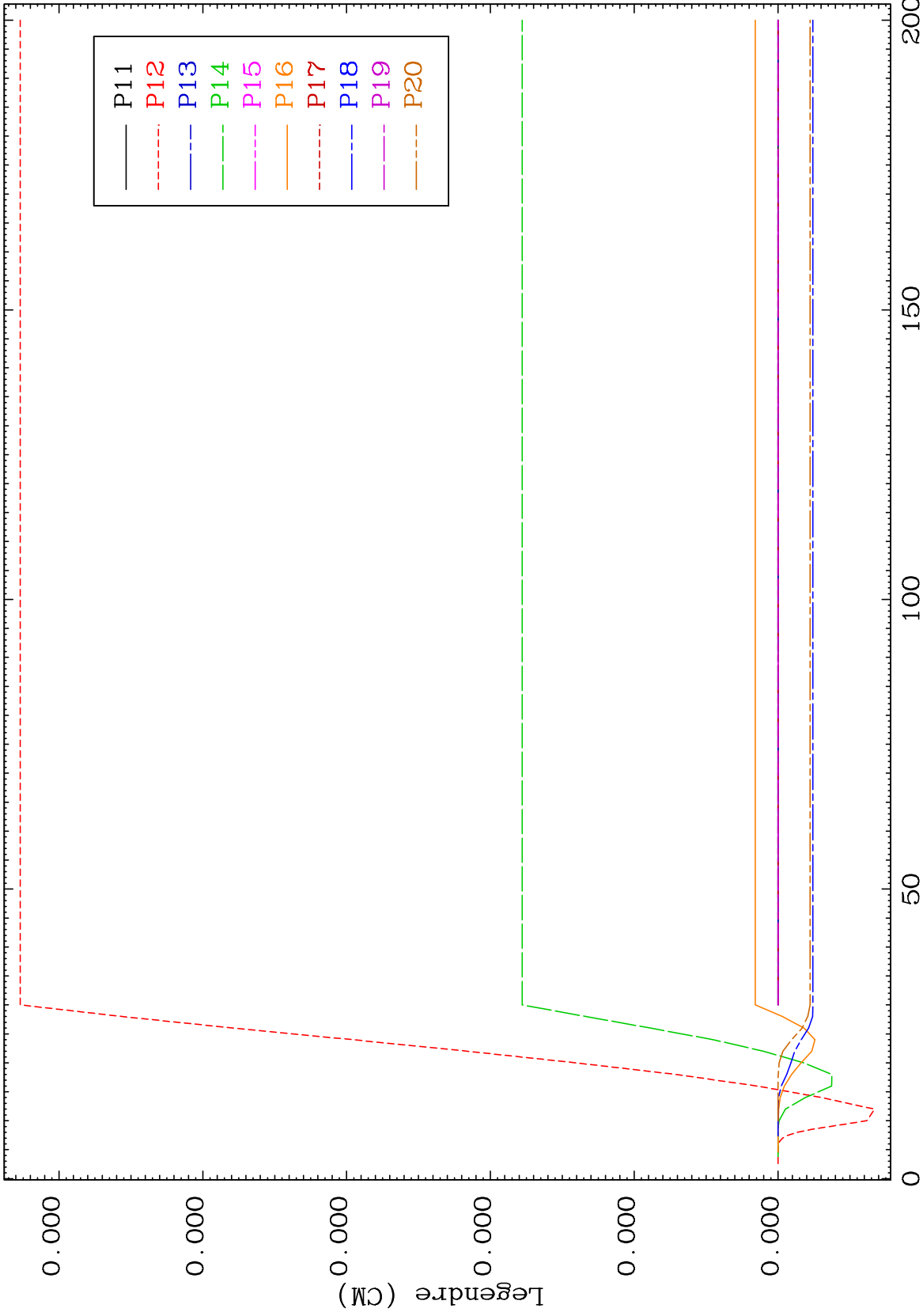


Incident Energy (MeV) 82-Pb-204

MAT 8225

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

82-Pb-204

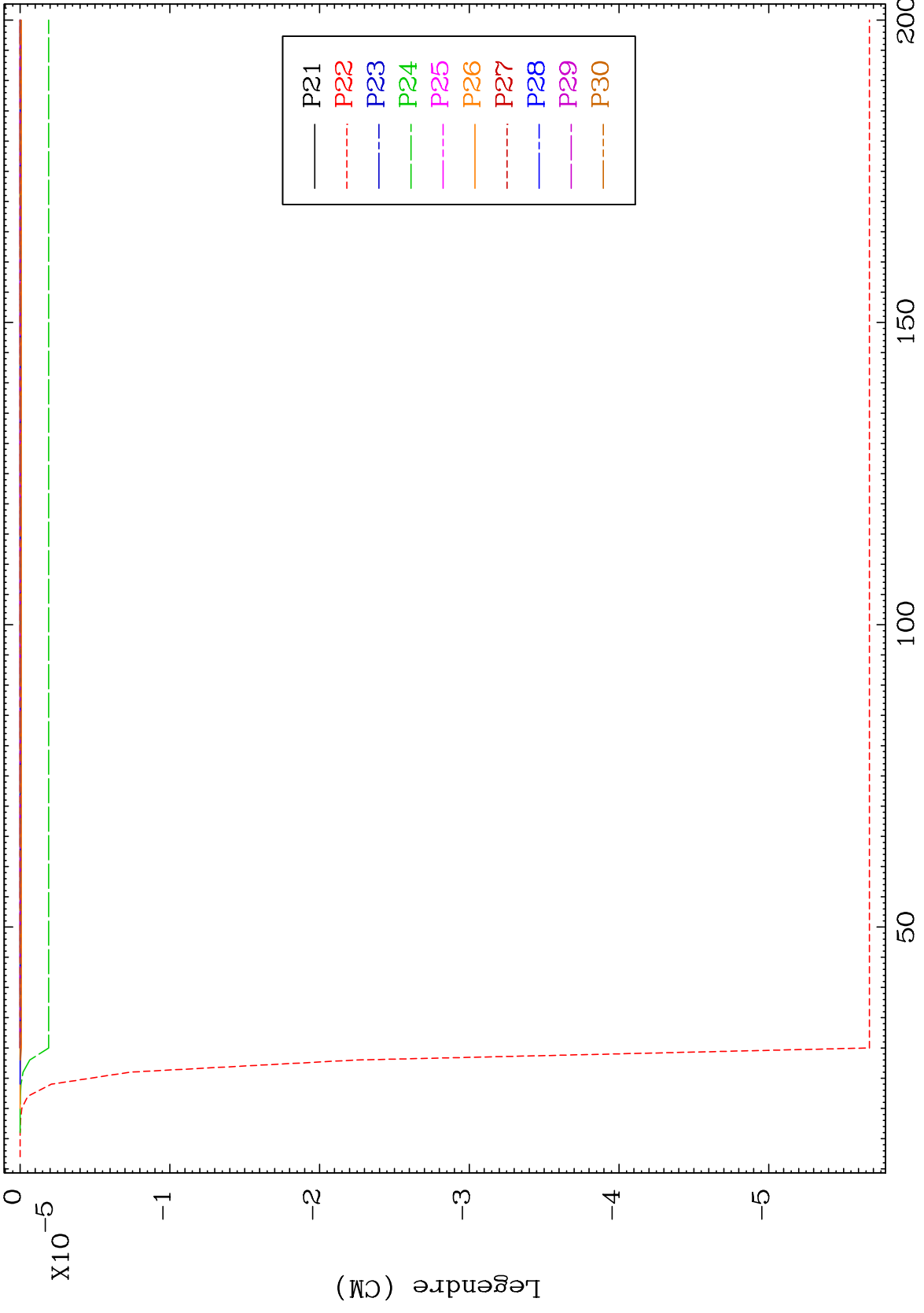


51

Incident Energy (MeV)

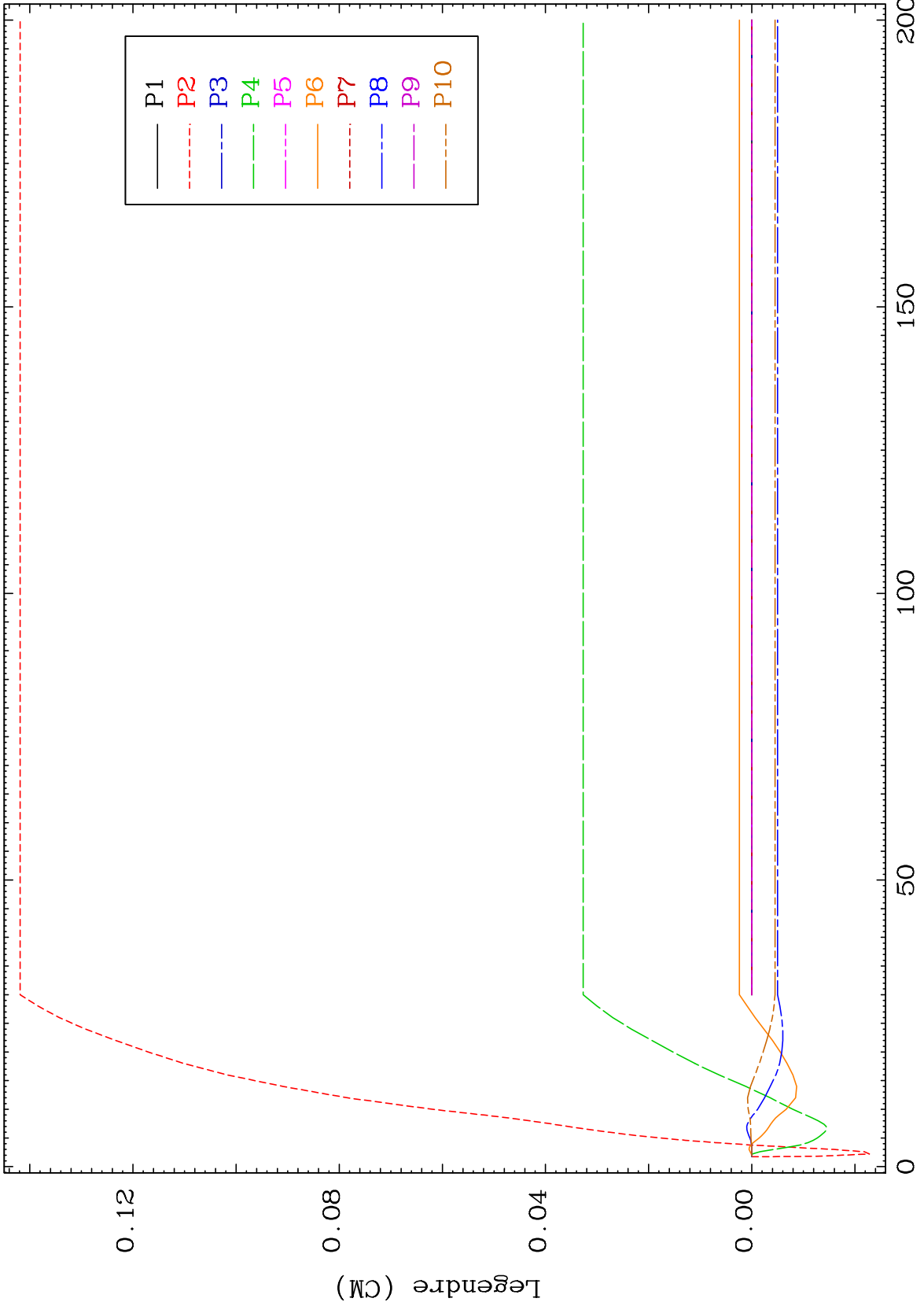
82-Pb-204

MAT 8225 MT= 59 (n,n') Level Legendre Coefficients 82-Pb-204



52 82-Pb-204

MAT 8225 MT= 60 (n,n') Level Legendre Coefficients 82-Pb-204

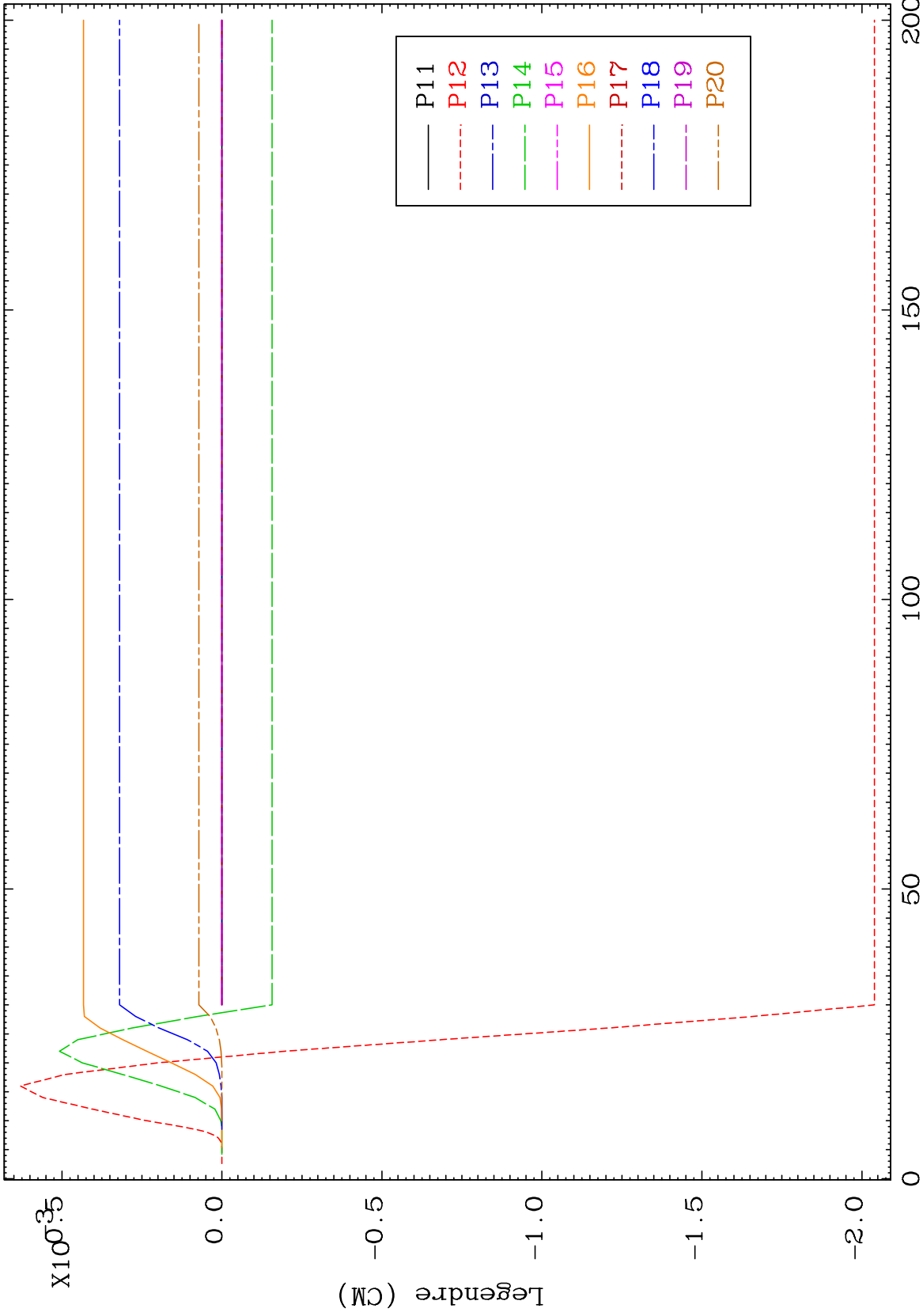


53 82-Pb-204

MAT 8225

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

82-Pb-204

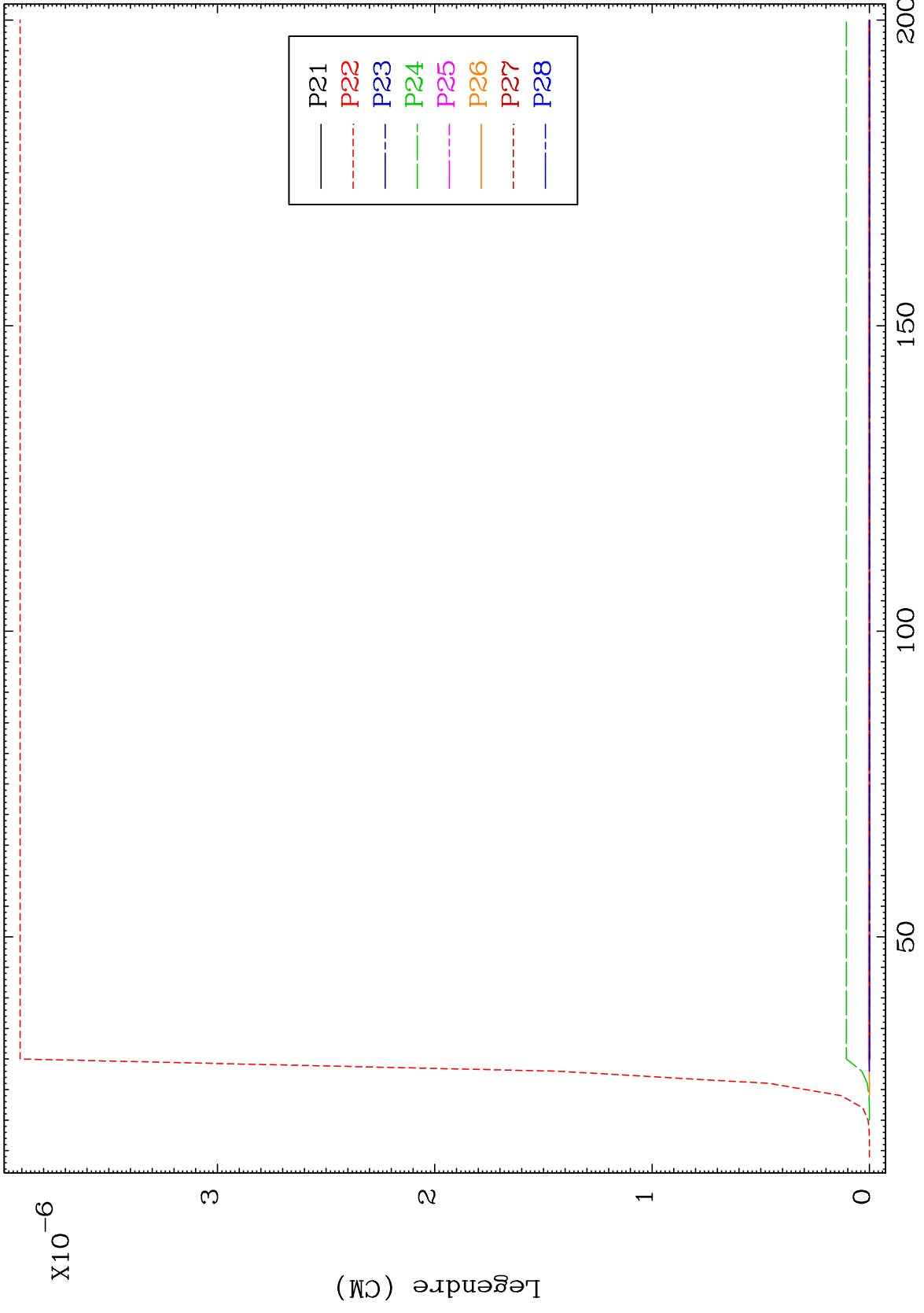


54

Incident Energy (MeV)

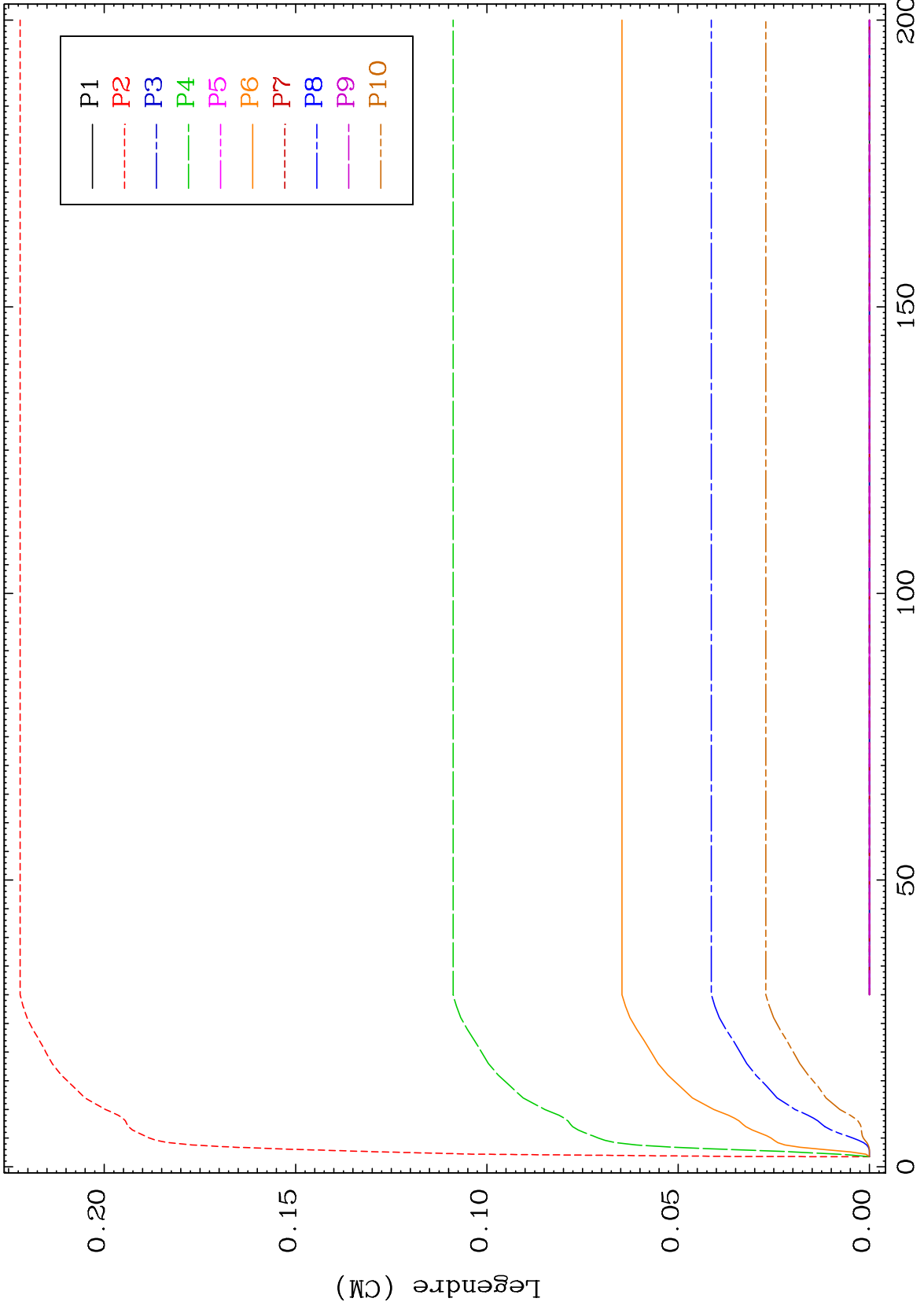
82-Pb-204

MAT 8225 MT= 60 (n,n') Level Legendre Coefficients 82-Pb-204



55 82-Pb-204

MAT 8225 MT= 61 (n,n') Level Legendre Coefficients 82-Pb-204

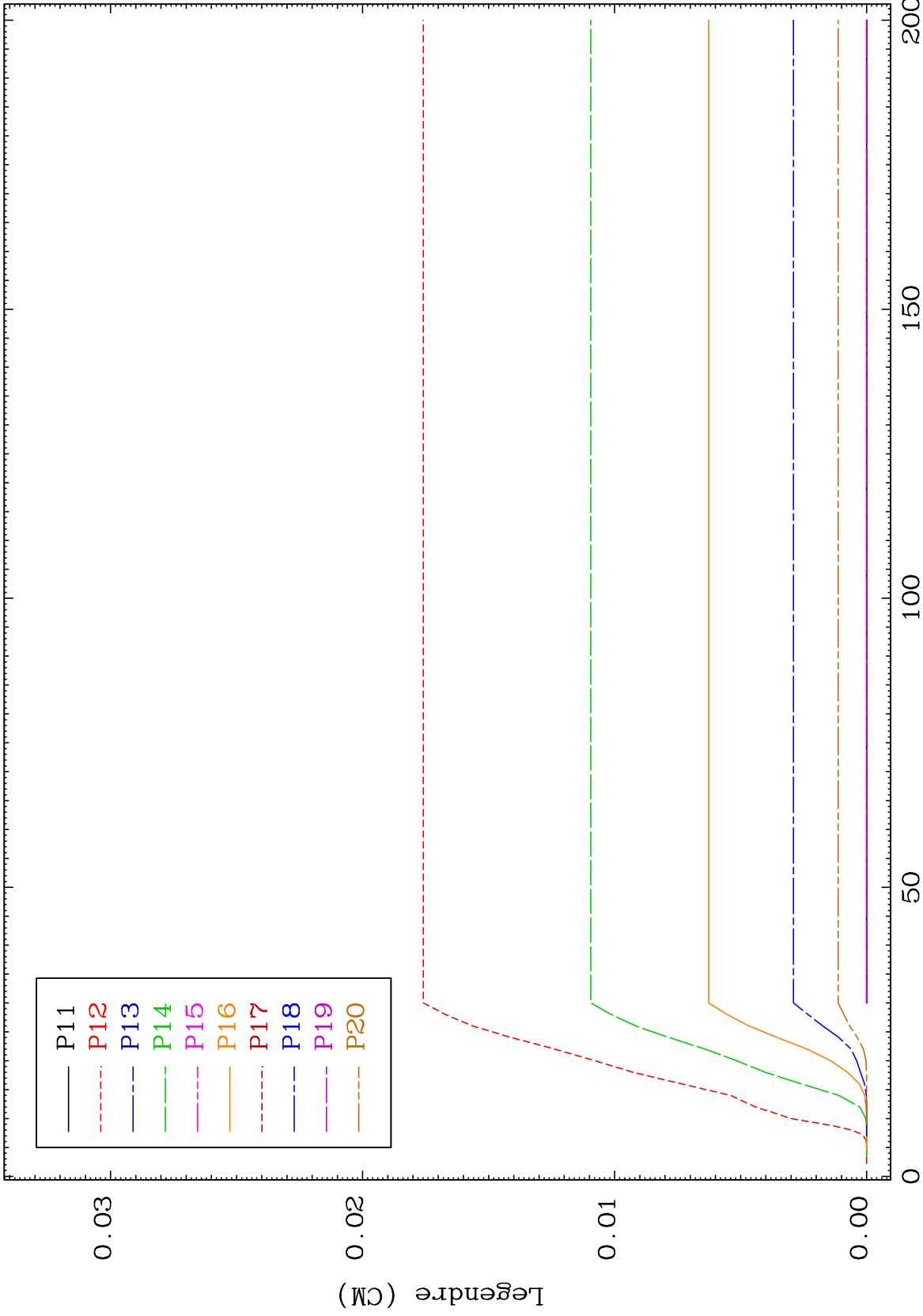


56 Incident Energy (MeV) 82-Pb-204

MAT 8225

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

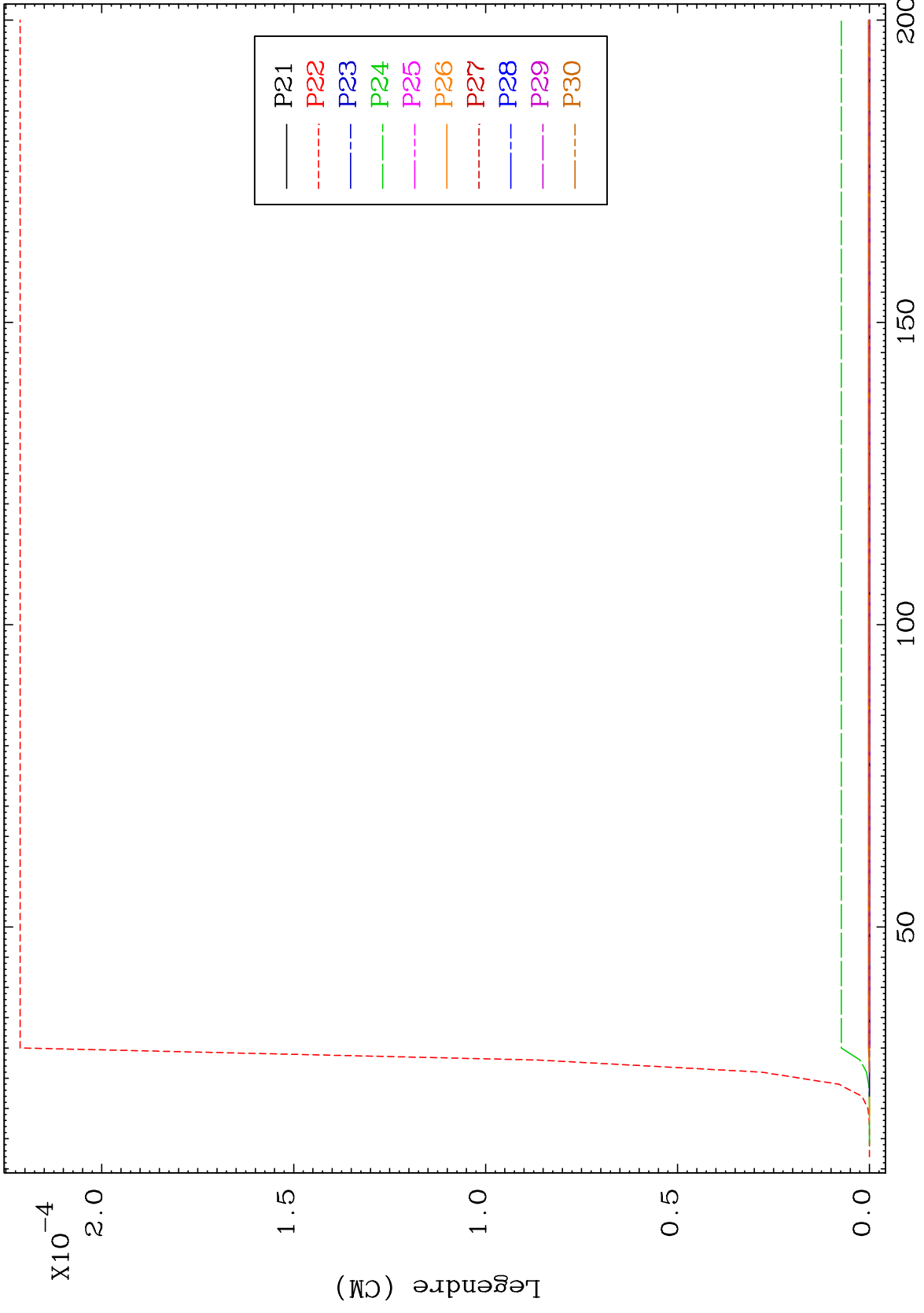
82-Pb-204



57

82-Pb-204

MAT 8225 MT= 61 (n,n') Level Legendre Coefficients 82-Pb-204

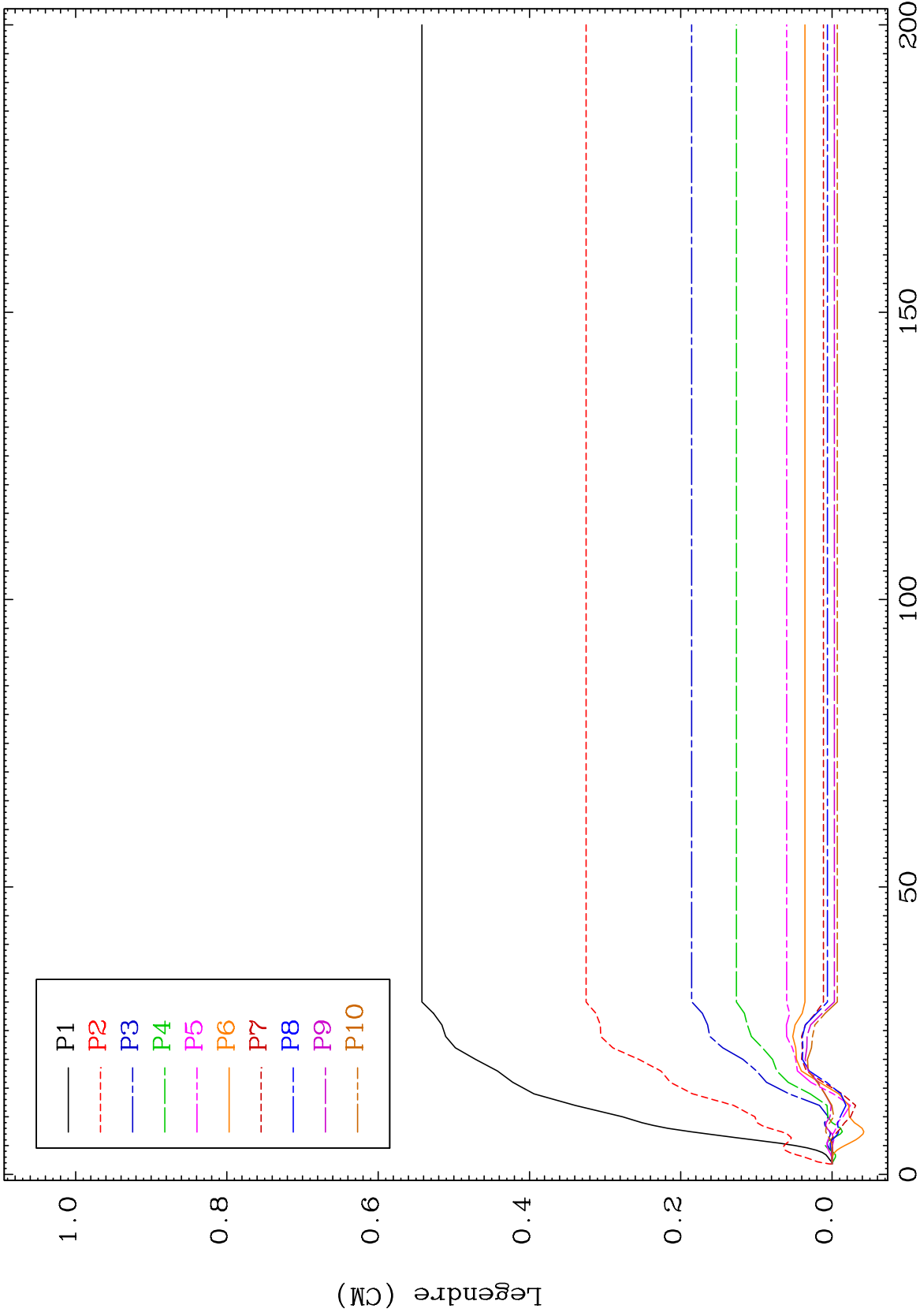


58 82-Pb-204

MAT 8225

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

82-Pb-204



59

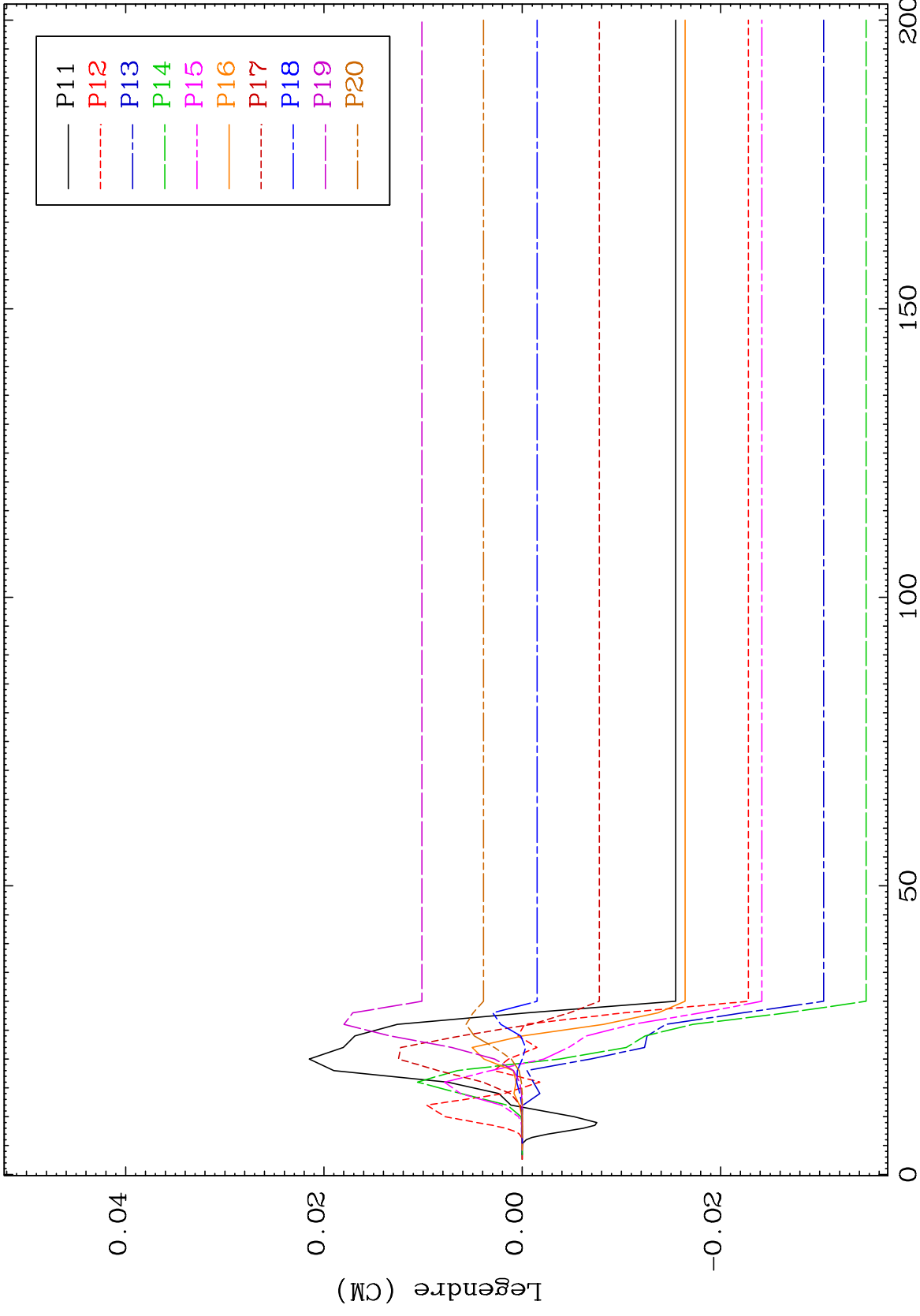
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



82-Pb-204

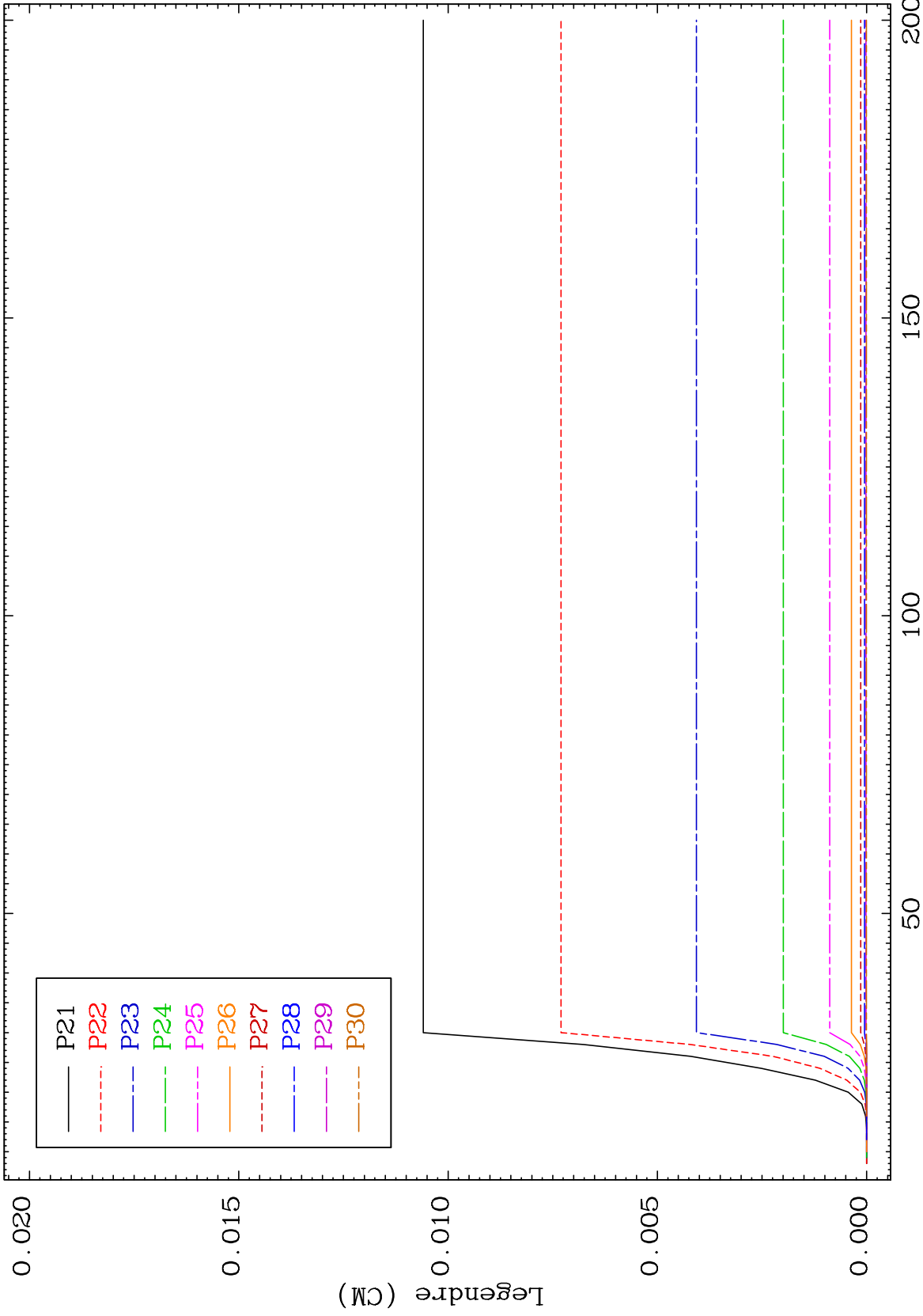
Incident Energy (MeV)

60

MAT 8225

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

82-Pb-204



61

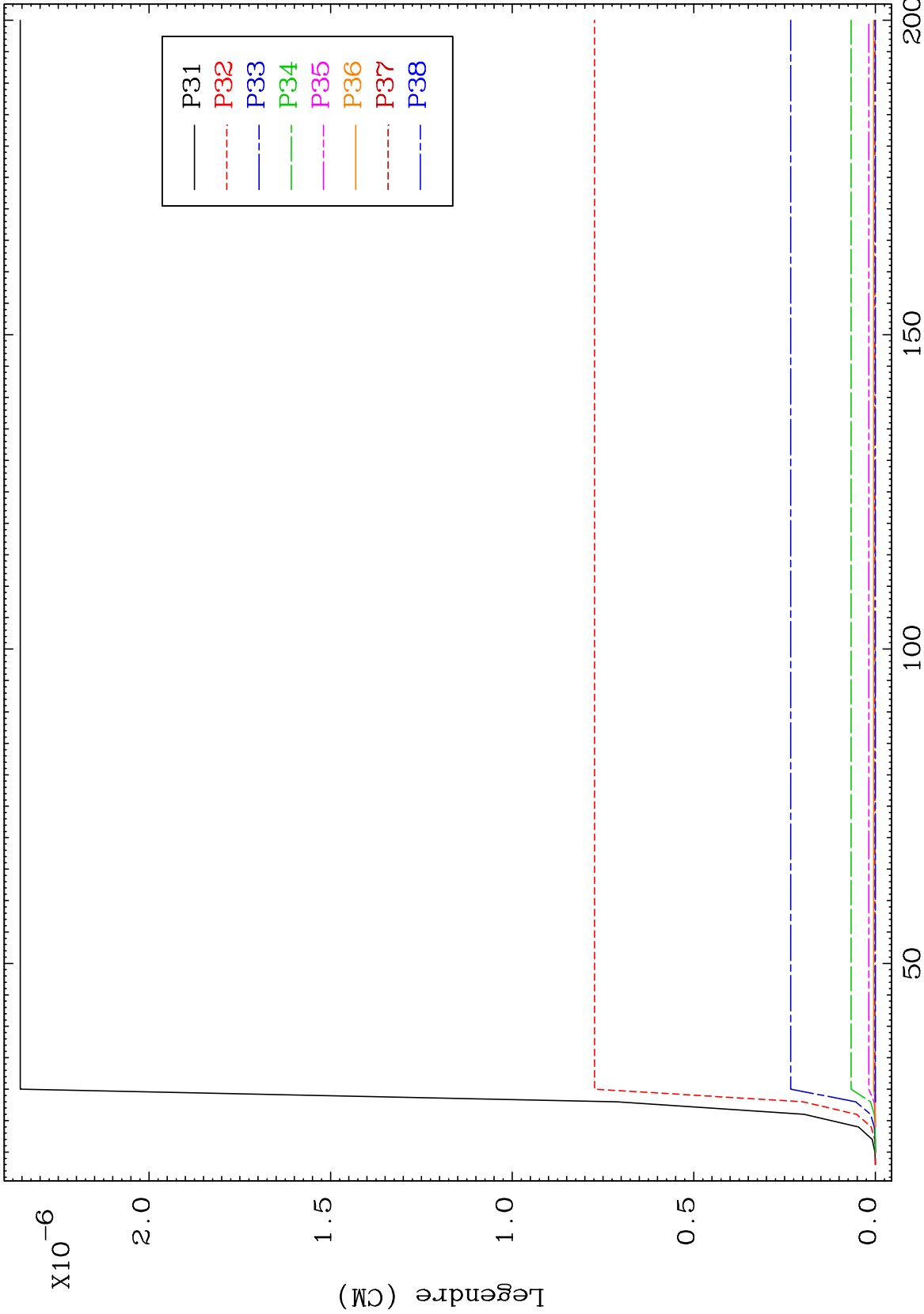
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



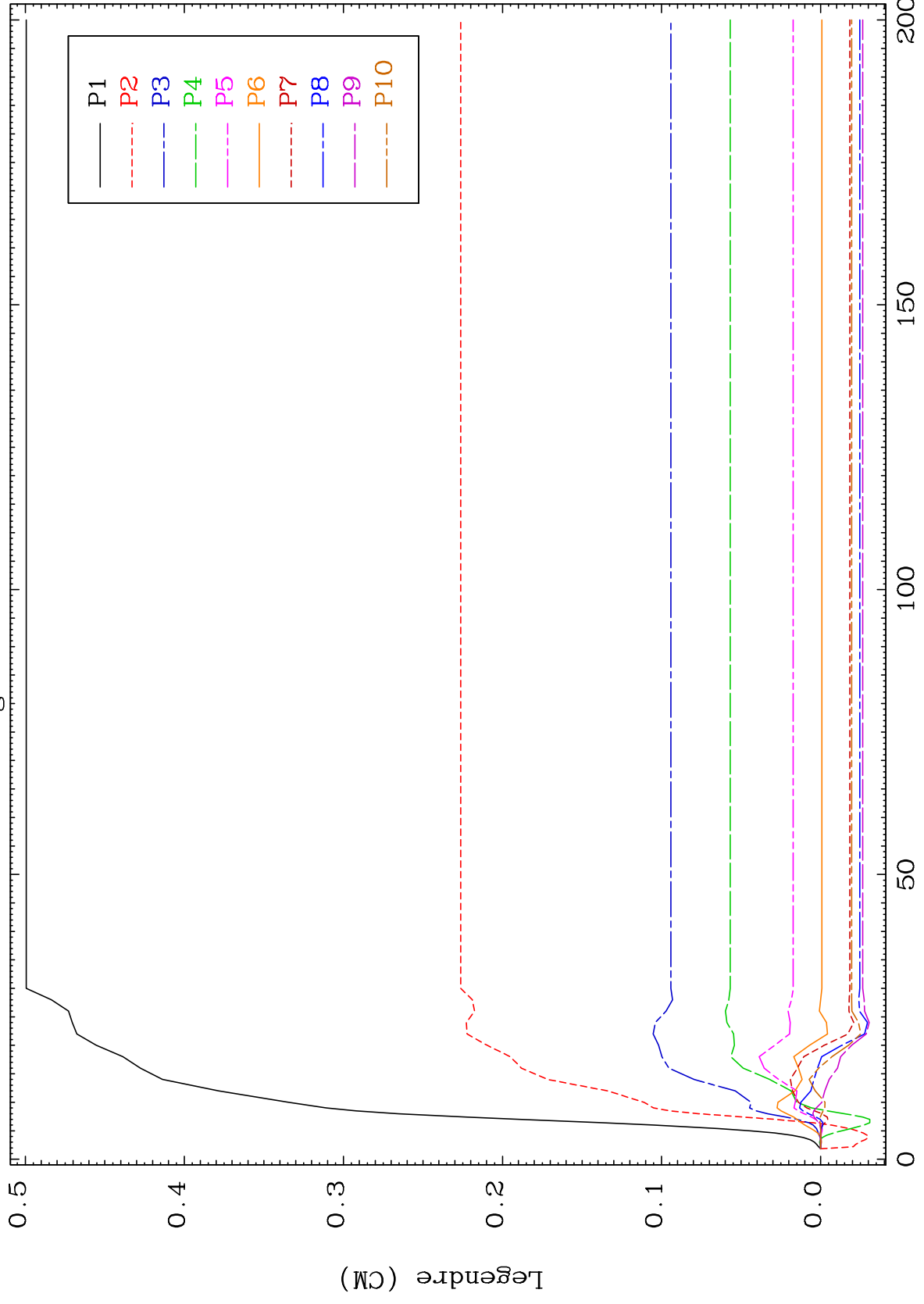
62

82-Pb-204

MAT 8225

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

82-Pb-204



63

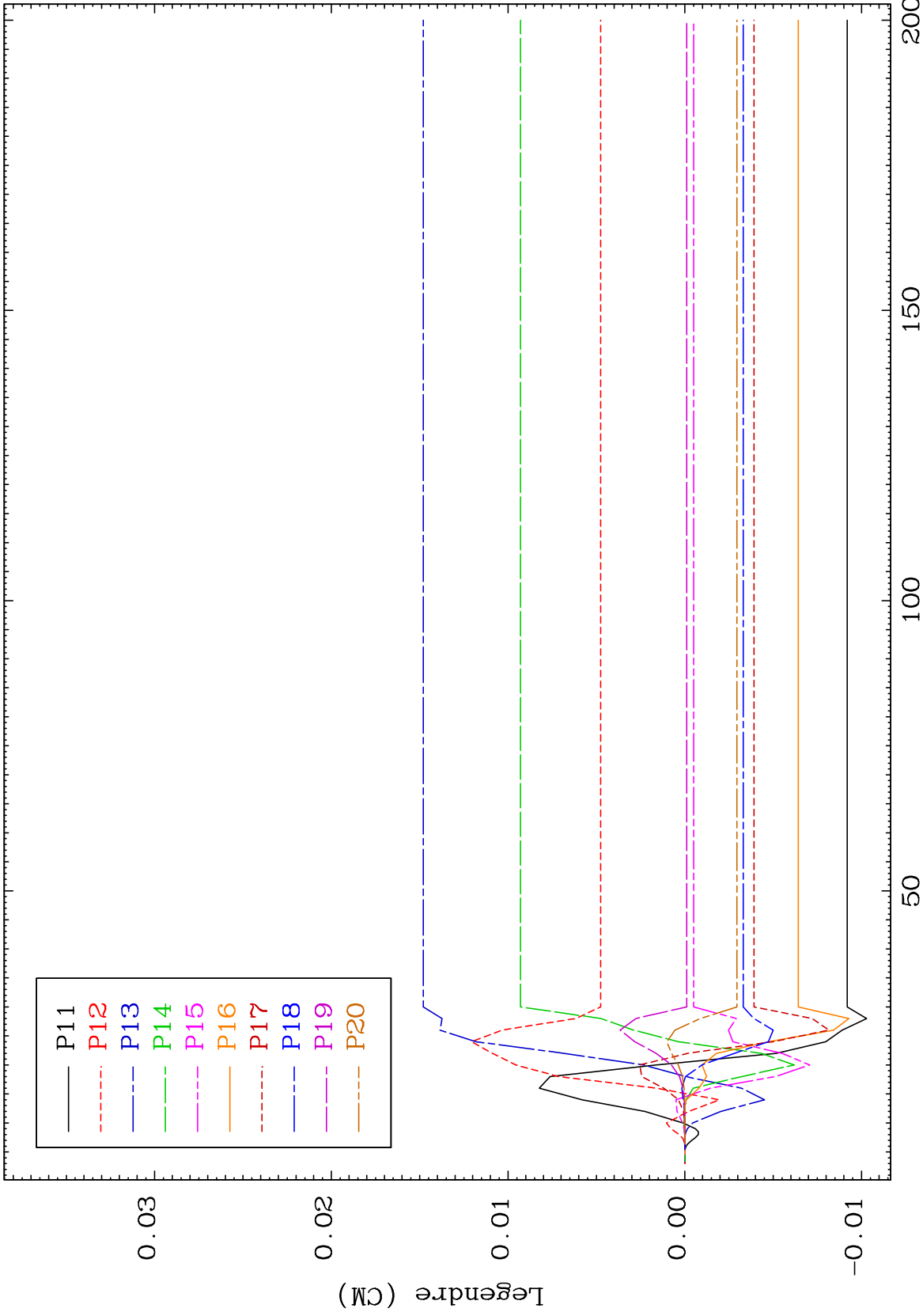
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204

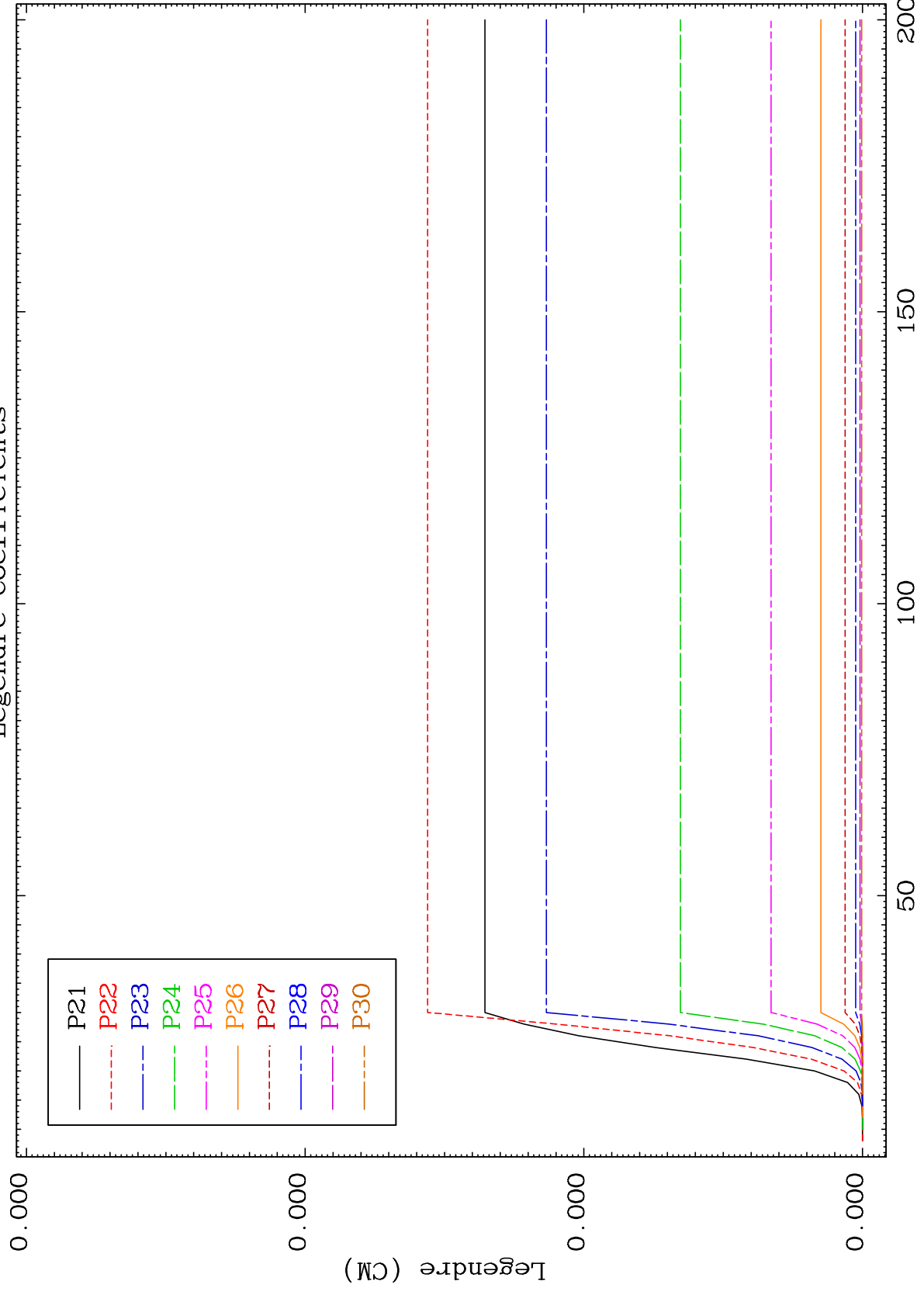


64

Incident Energy (MeV)

82-Pb-204

MAT 8225 MT= 63 (n,n') Level Legendre Coefficients 82-Pb-204



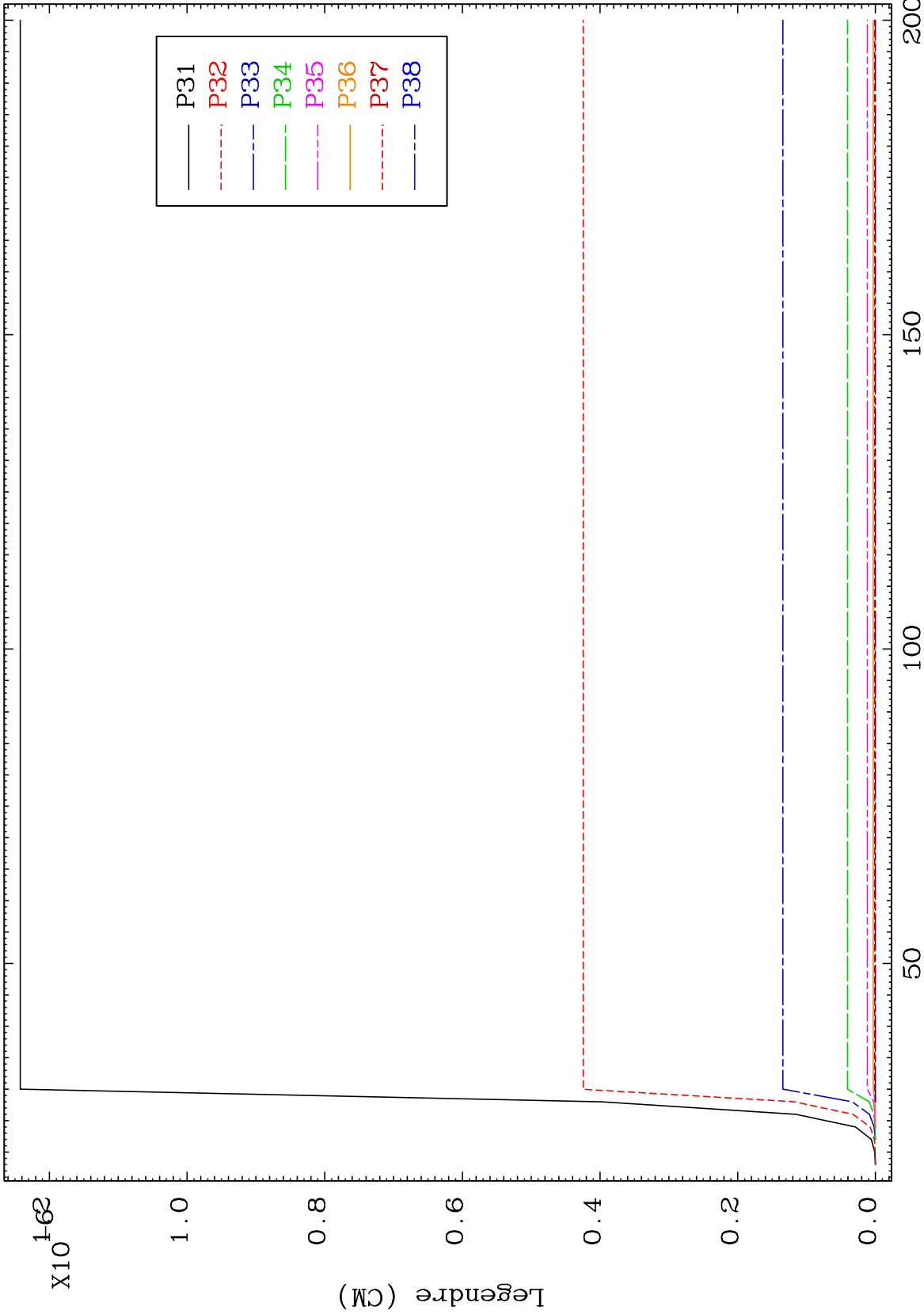
82-Pb-204

Incident Energy (MeV)

MAT 8225

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

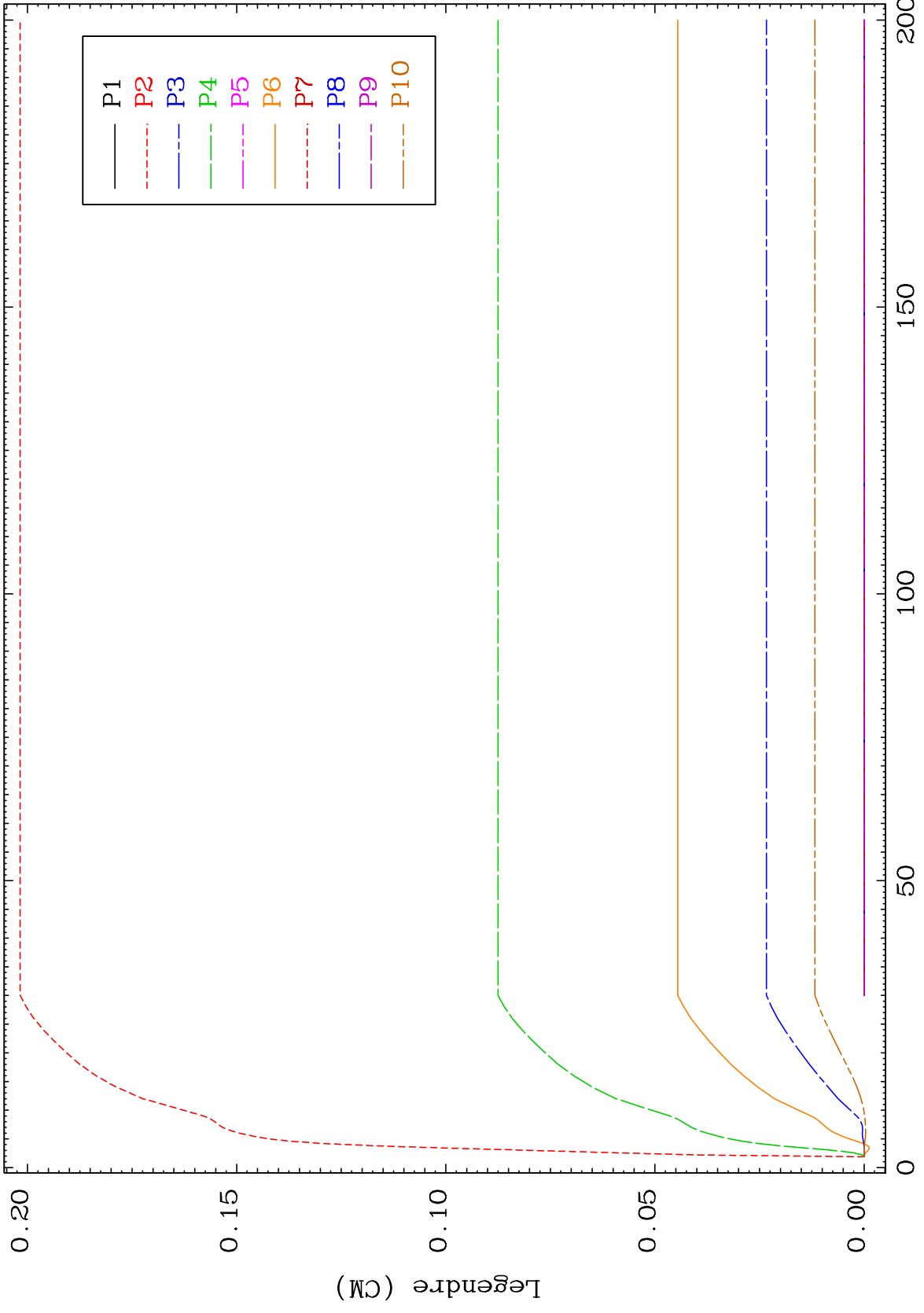
82-Pb-204



66

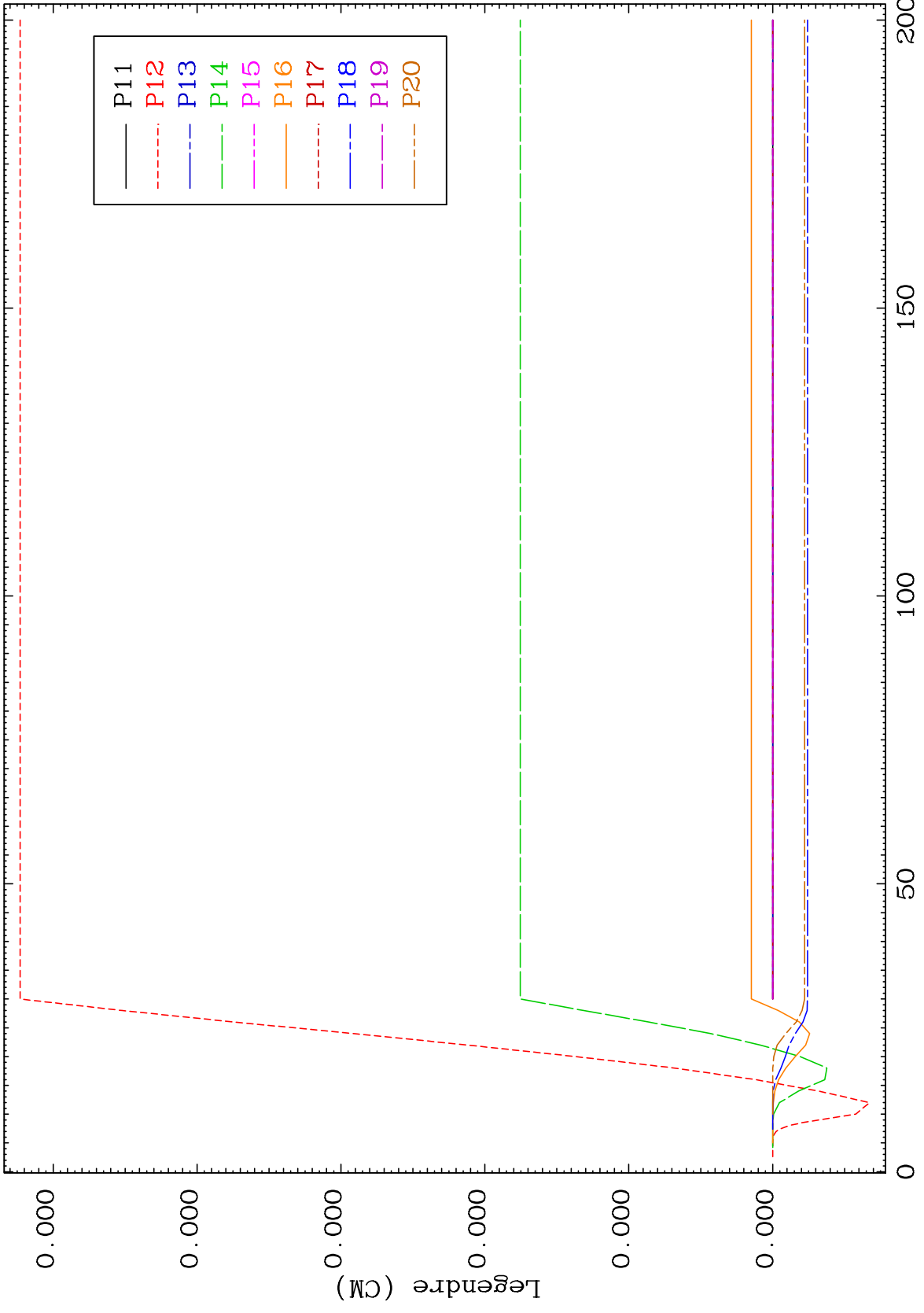
82-Pb-204

MAT 8225 MT= 64 (n,n') Level Legendre Coefficients 82-Pb-204



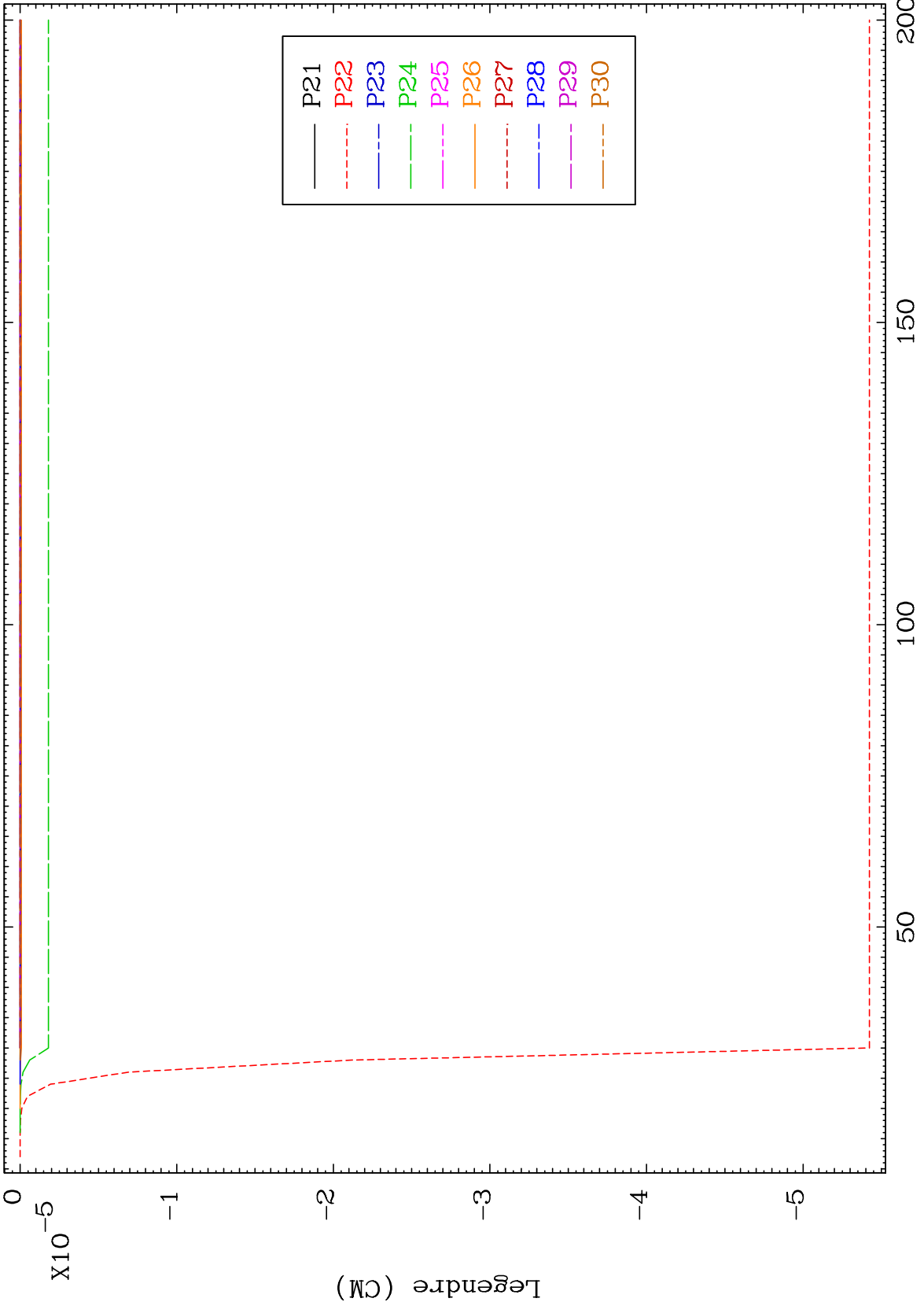
67 82-Pb-204

MAT 8225 MT= 64 (n,n') Level Legendre Coefficients 82-Pb-204



68 82-Pb-204

MAT 8225 MT= 64 (n,n') Level Legendre Coefficients 82-Pb-204

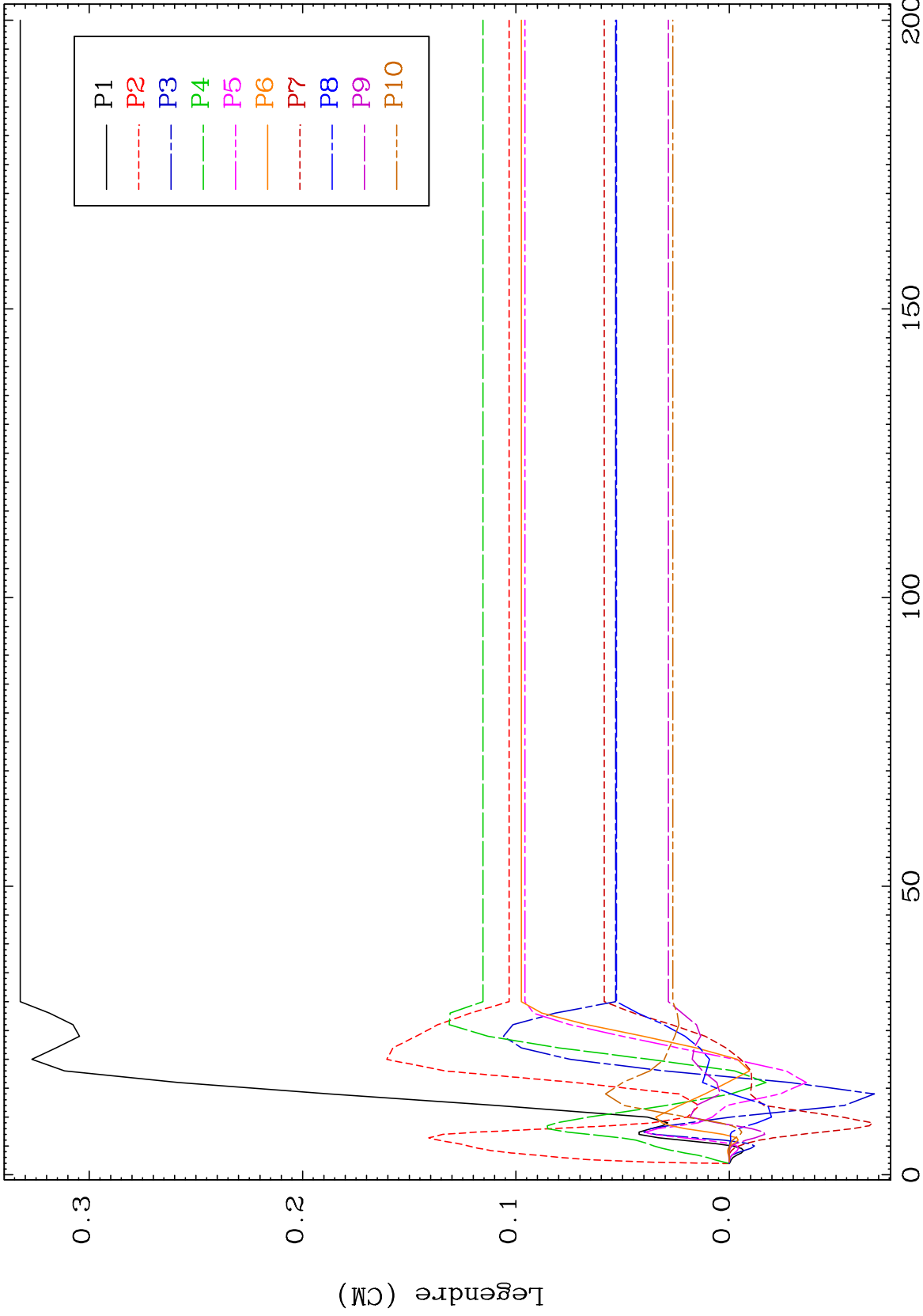


69 82-Pb-204

MAT 8225

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

82-Pb-204



70

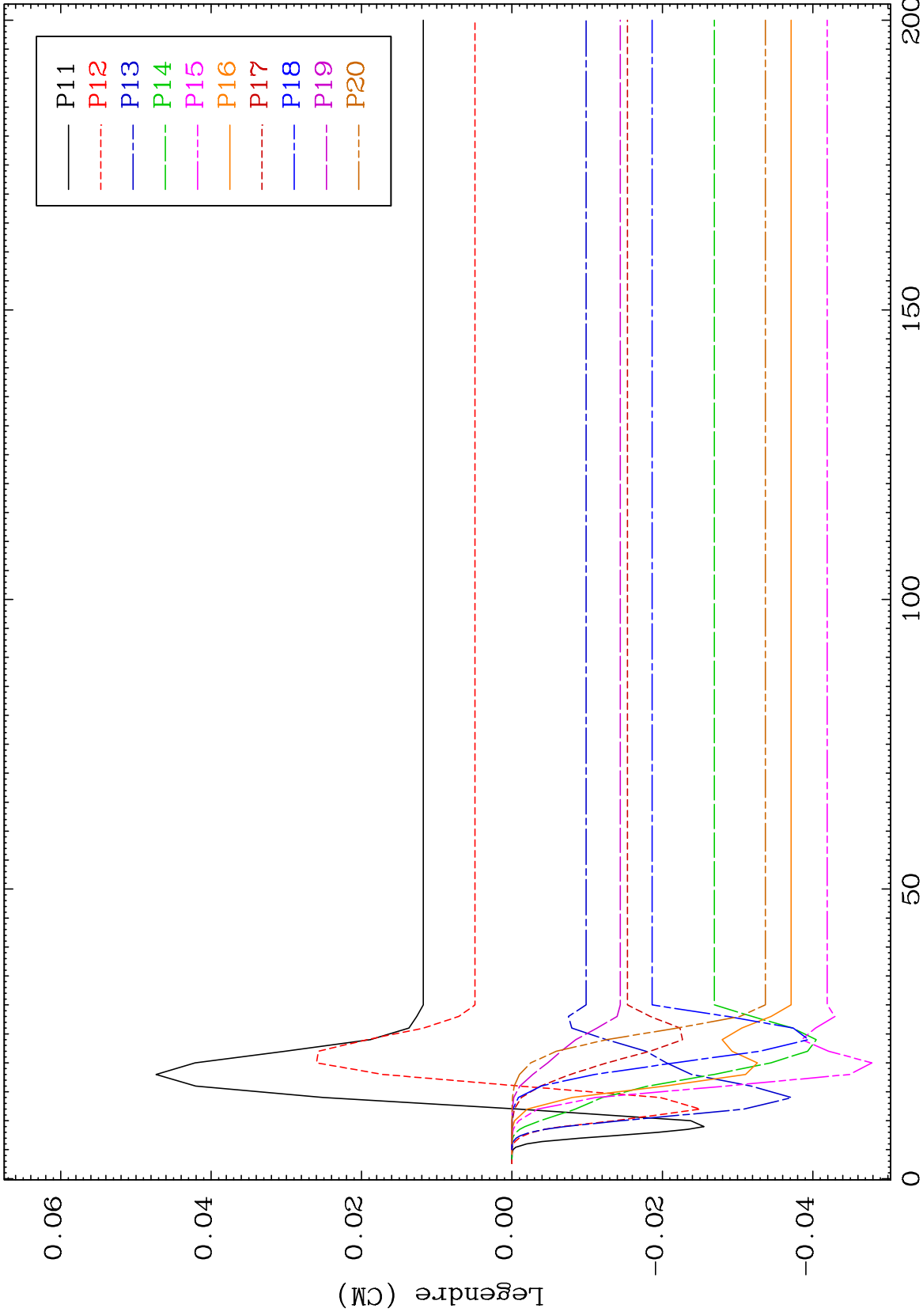
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



71

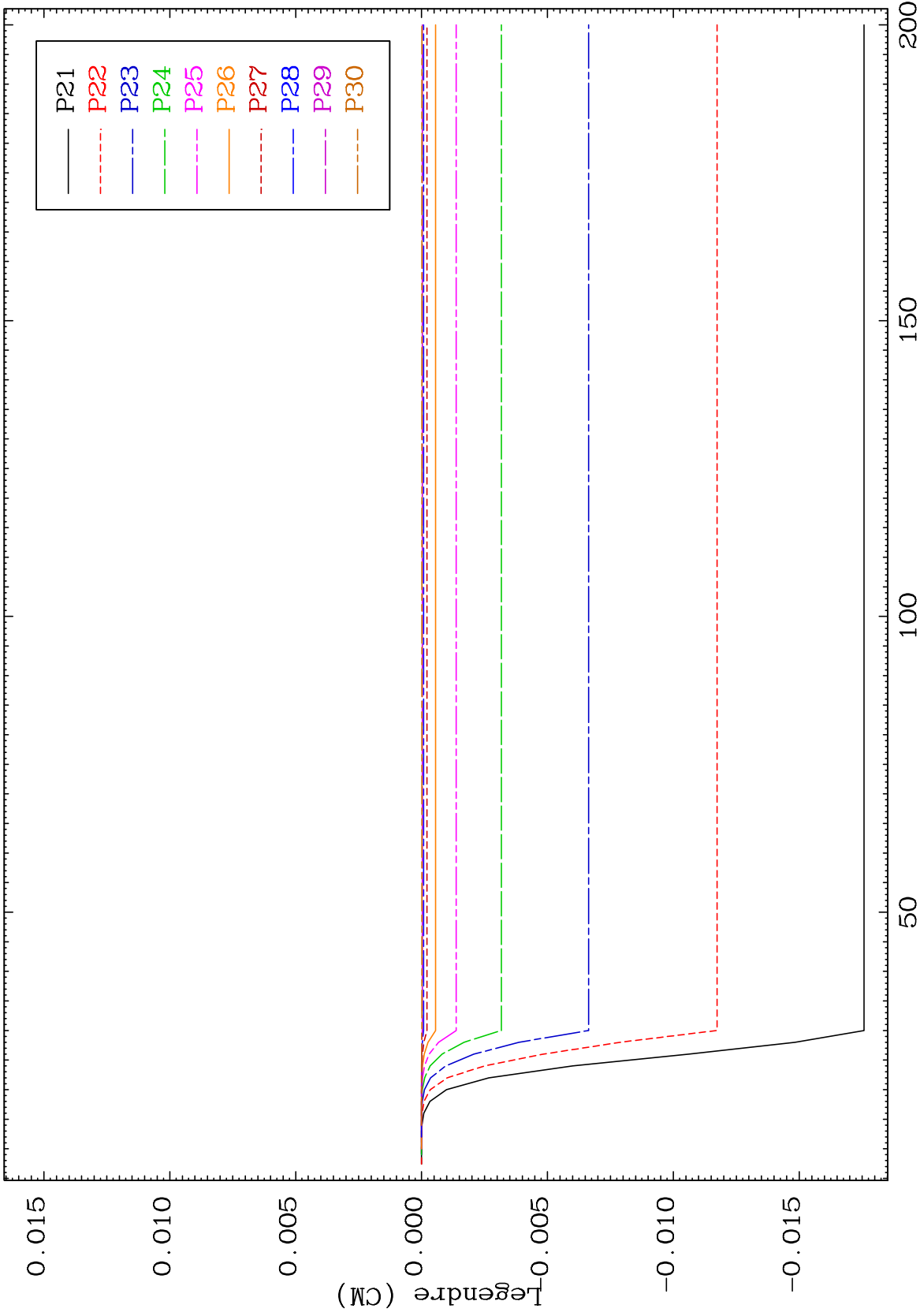
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



72

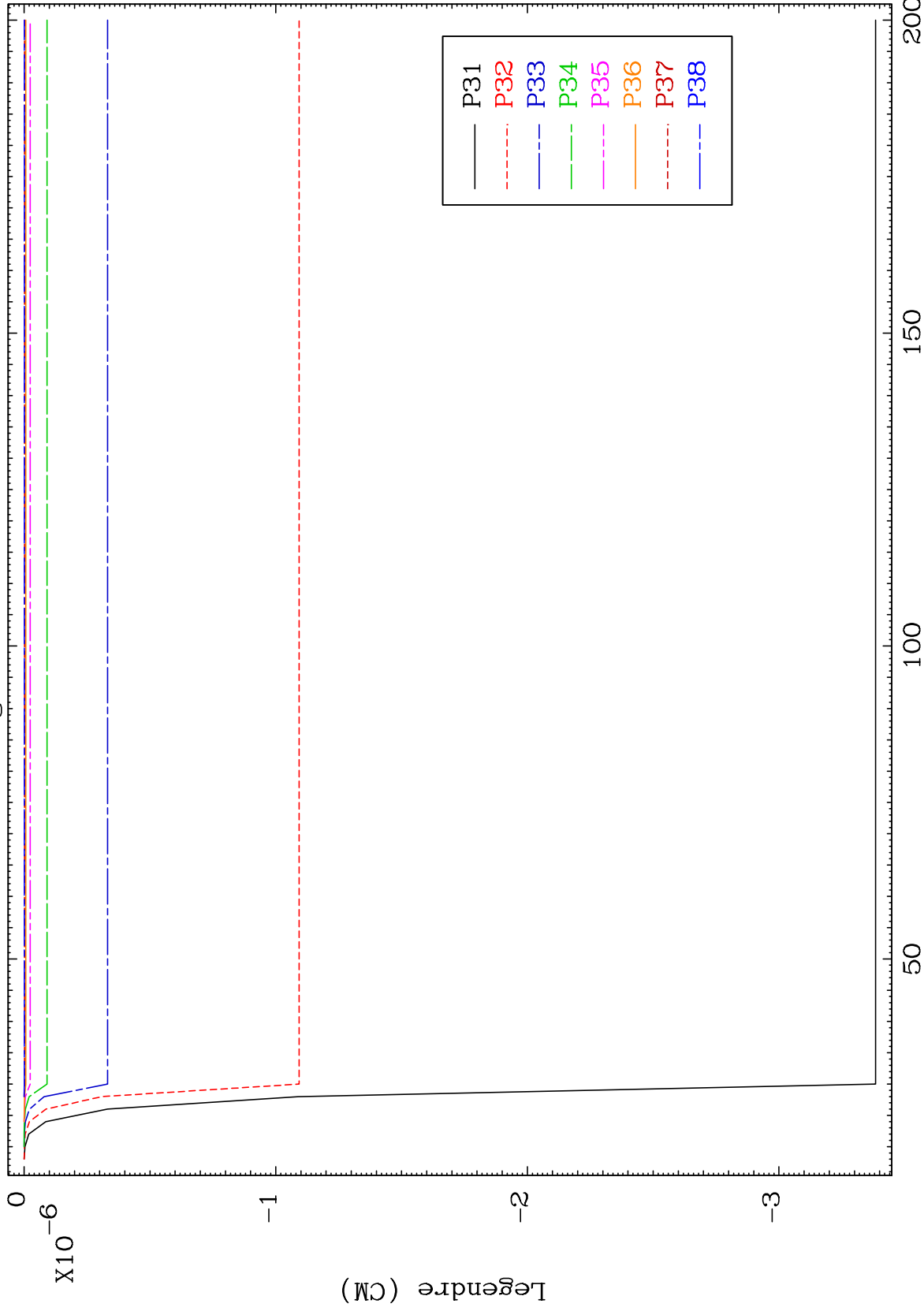
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204

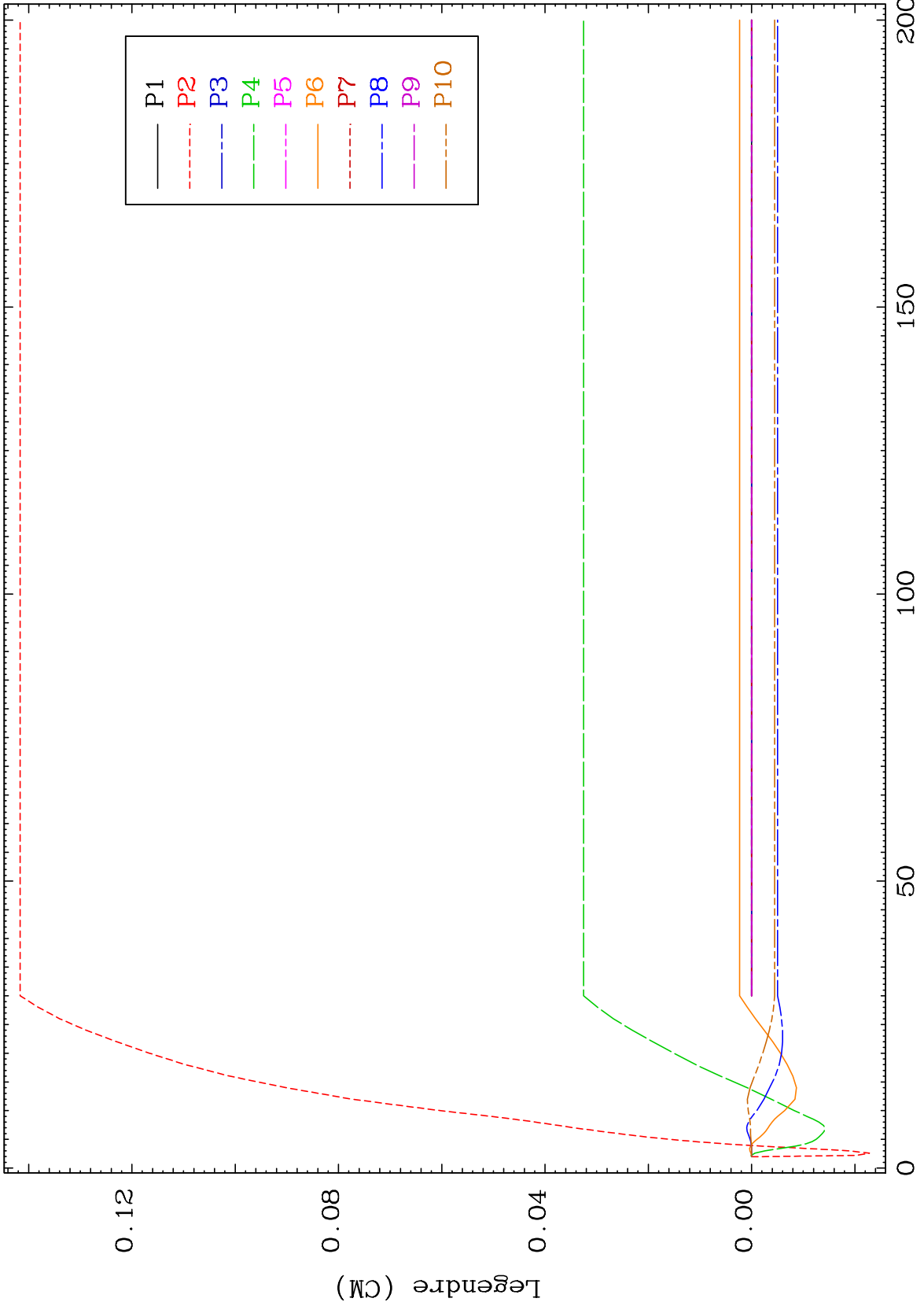


82-Pb-204

Incident Energy (MeV)

73

MAT 8225 MT= 66 (n,n') Level Legendre Coefficients 82-Pb-204

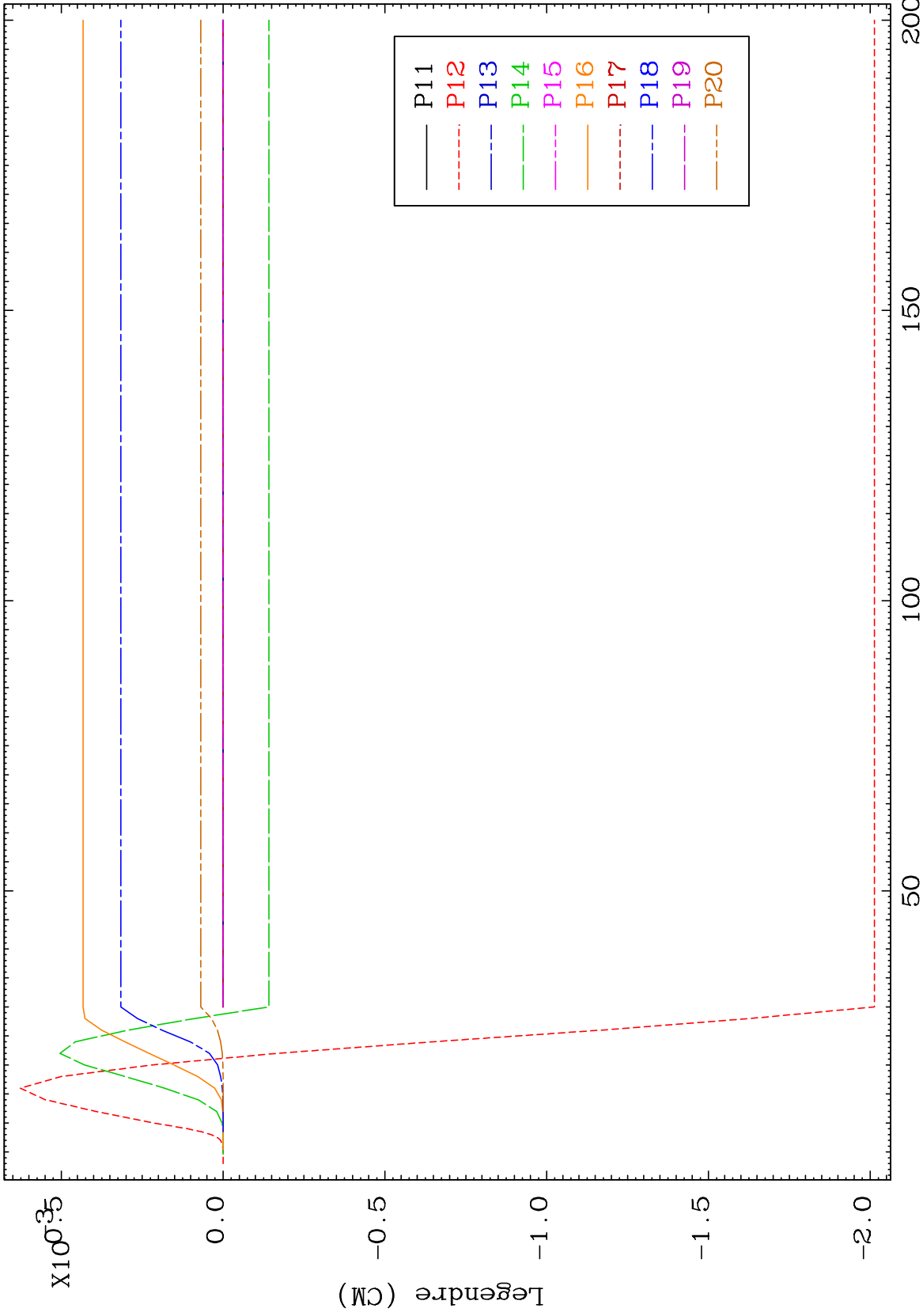


74 82-Pb-204

MAT 8225

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

82-Pb-204



75

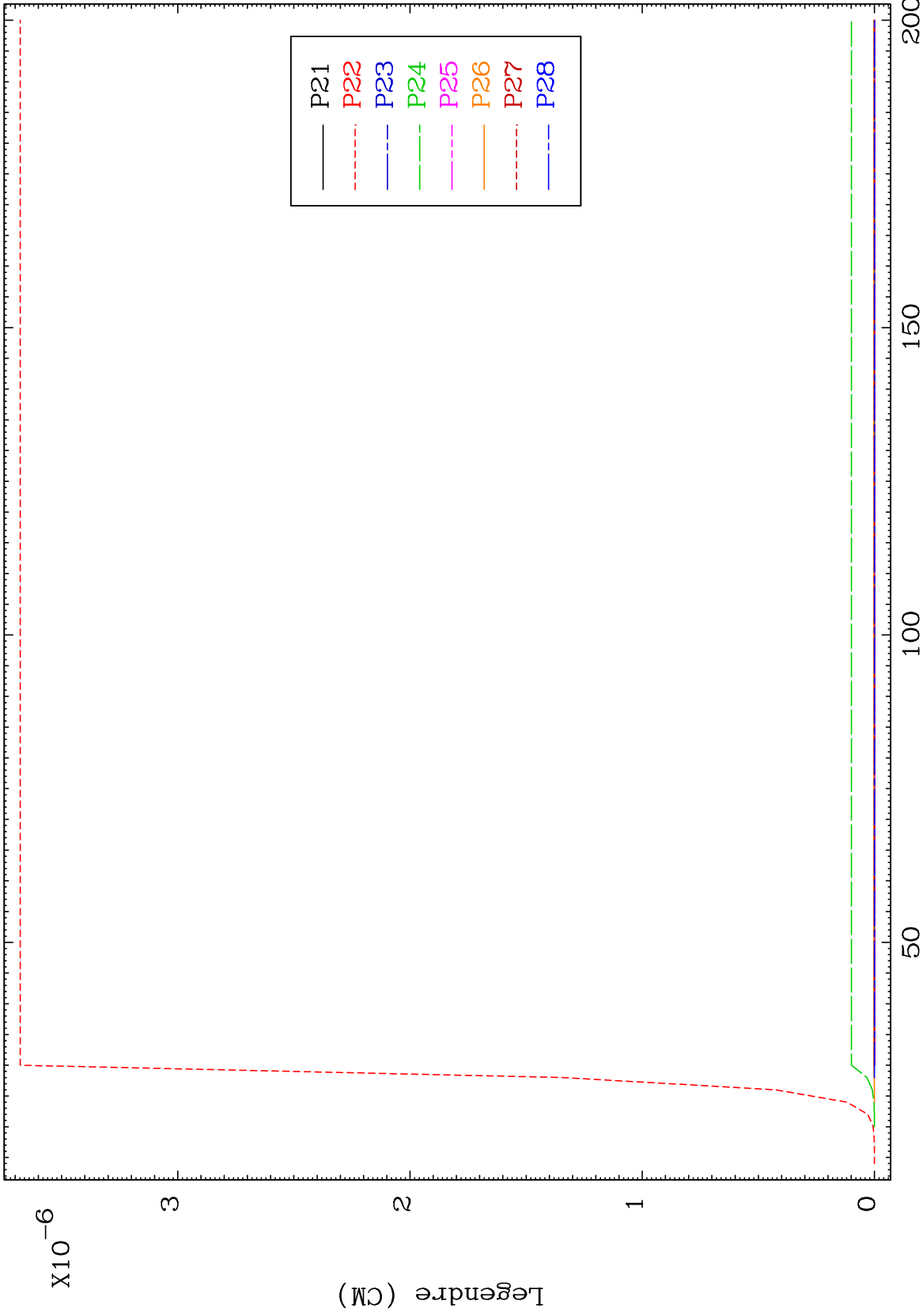
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



76

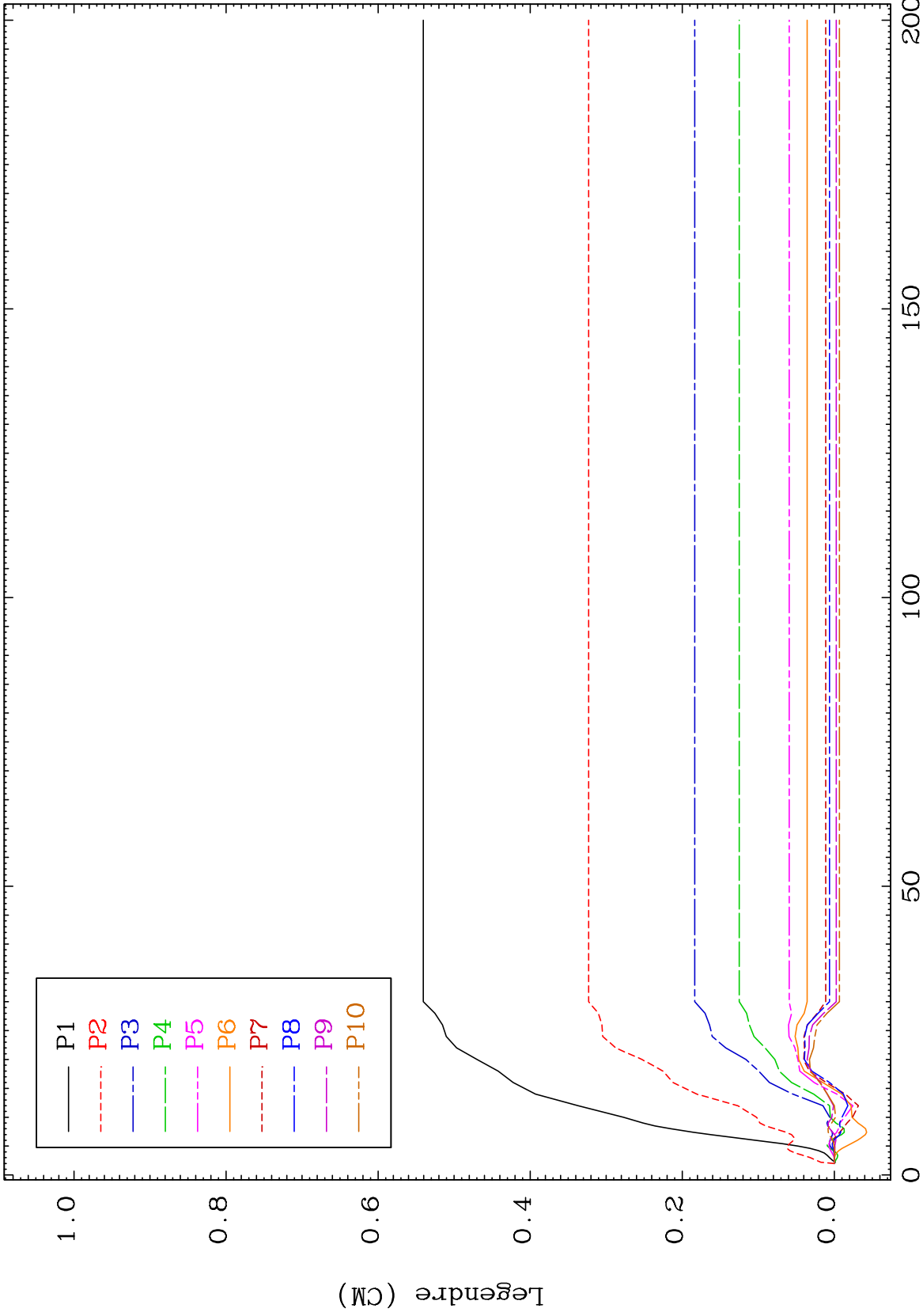
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



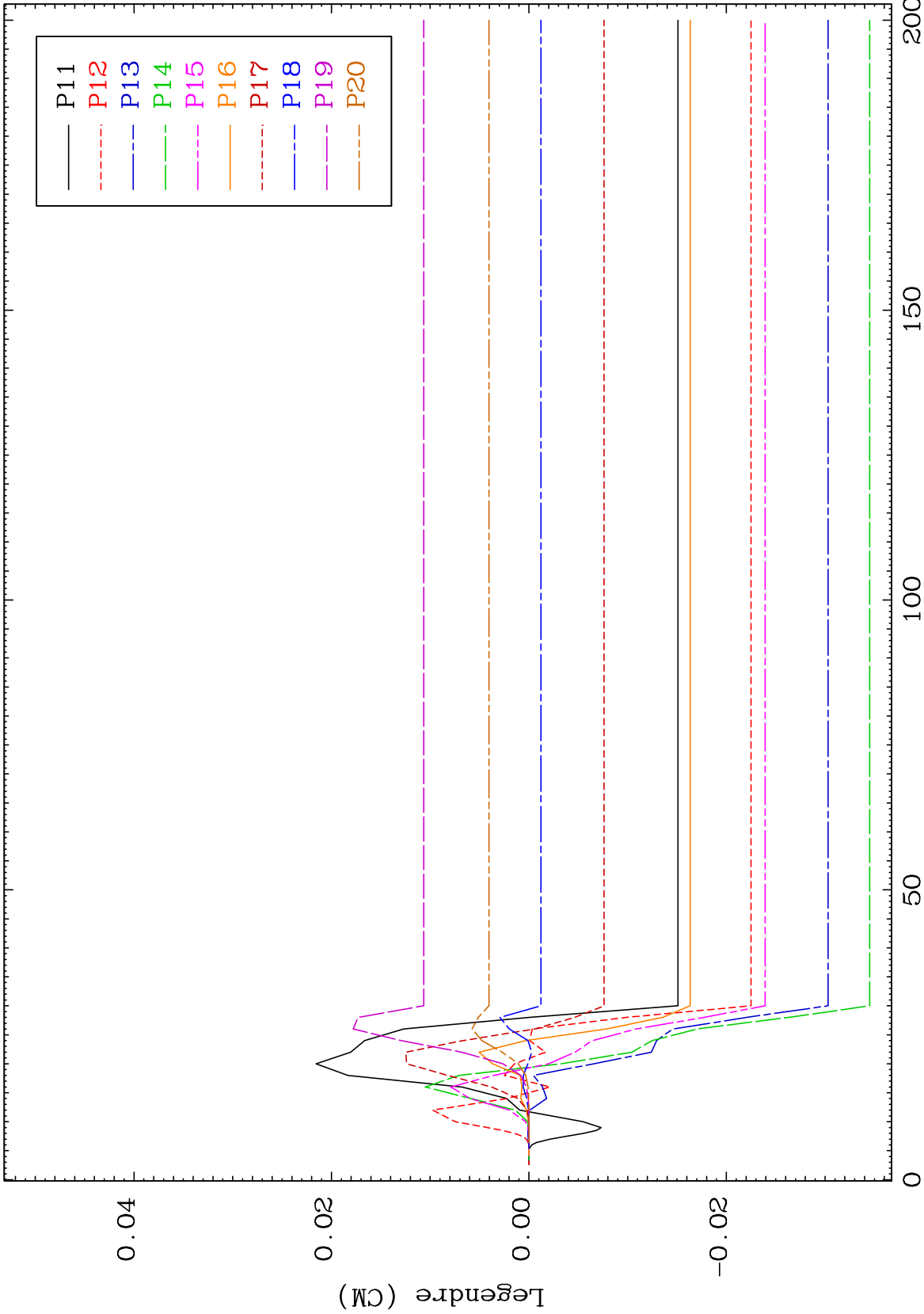
77

82-Pb-204

MAT 8225

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

82-Pb-204



78

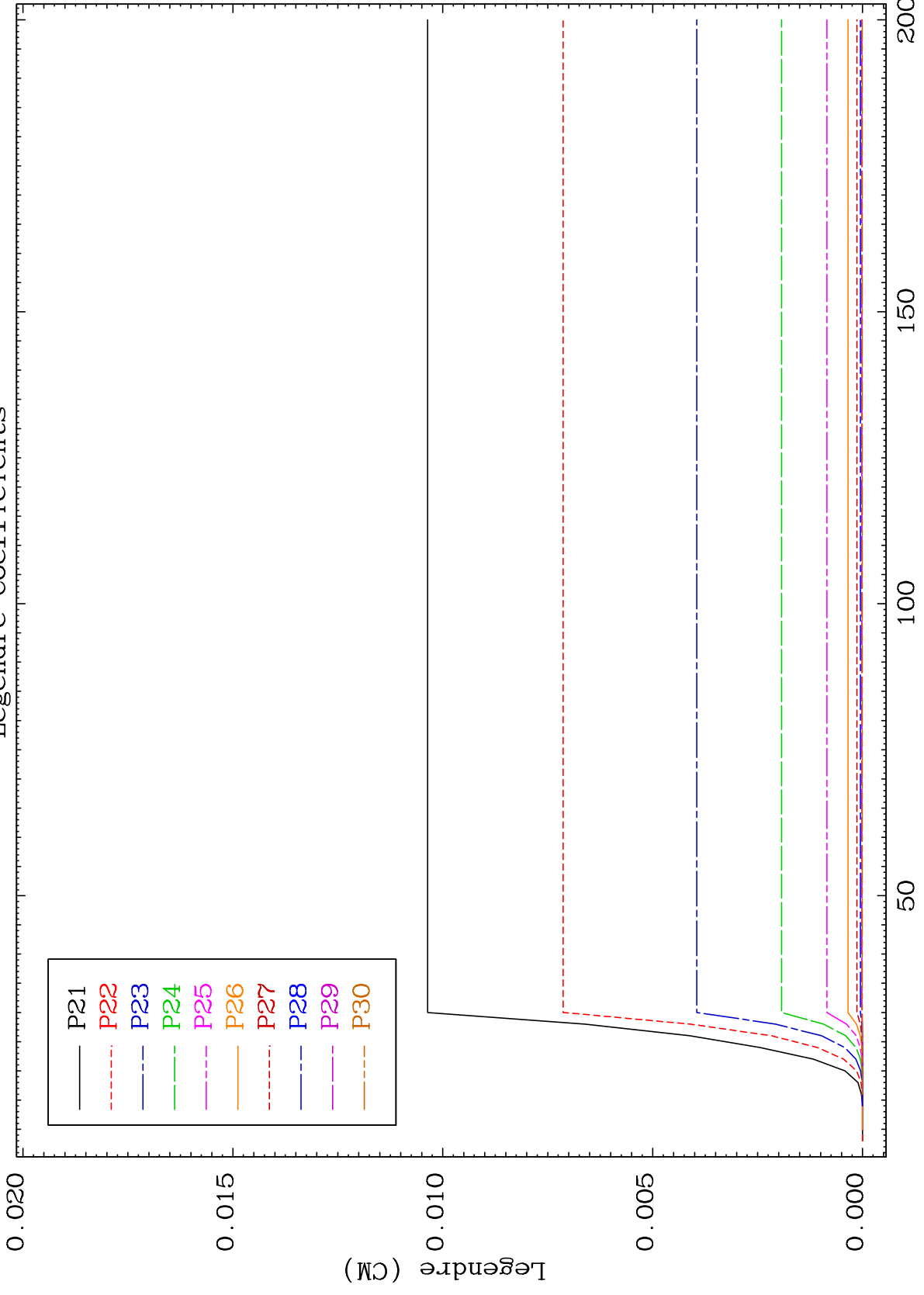
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



82-Pb-204

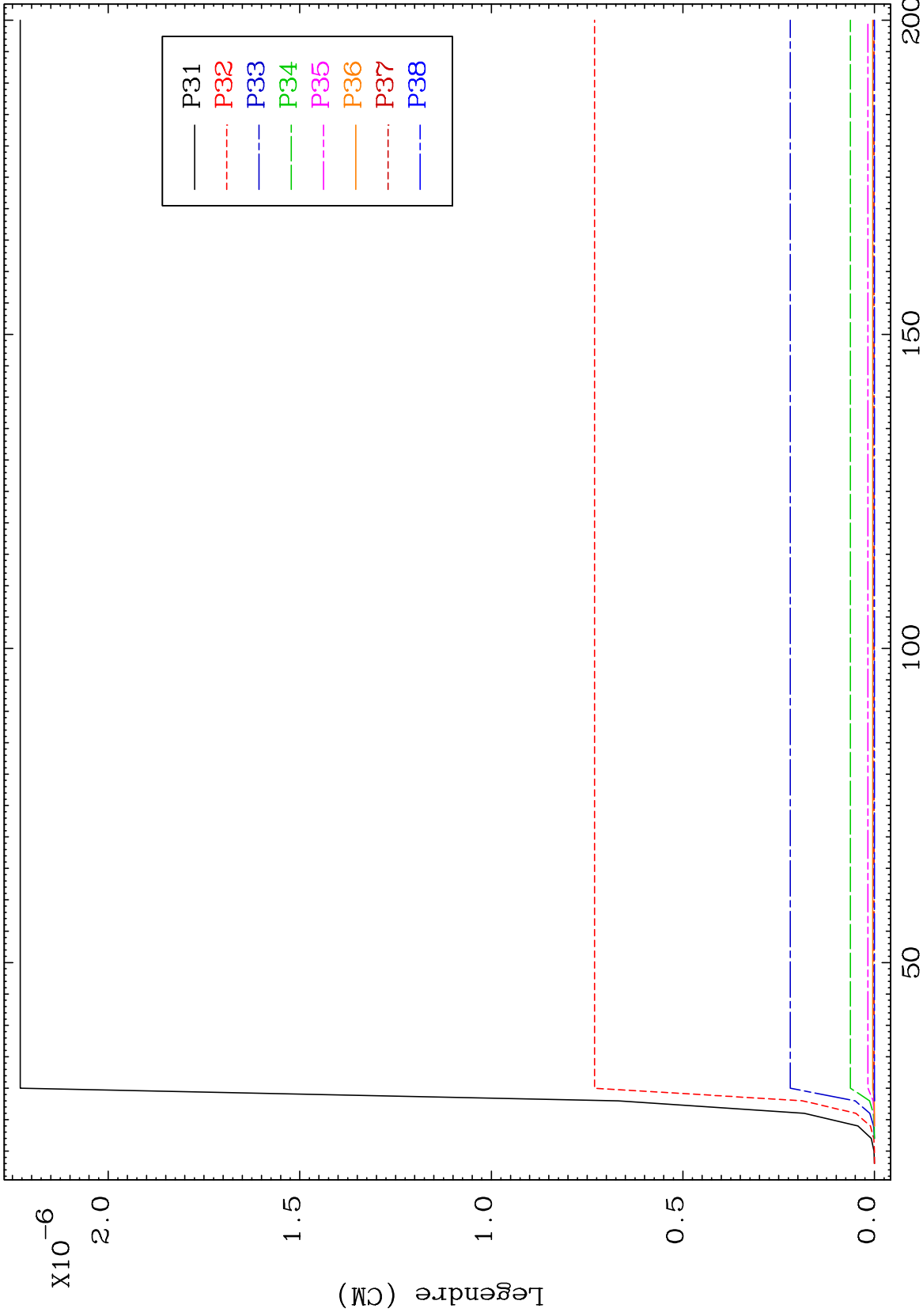
Incident Energy (MeV)

79

MAT 8225

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

82-Pb-204



80

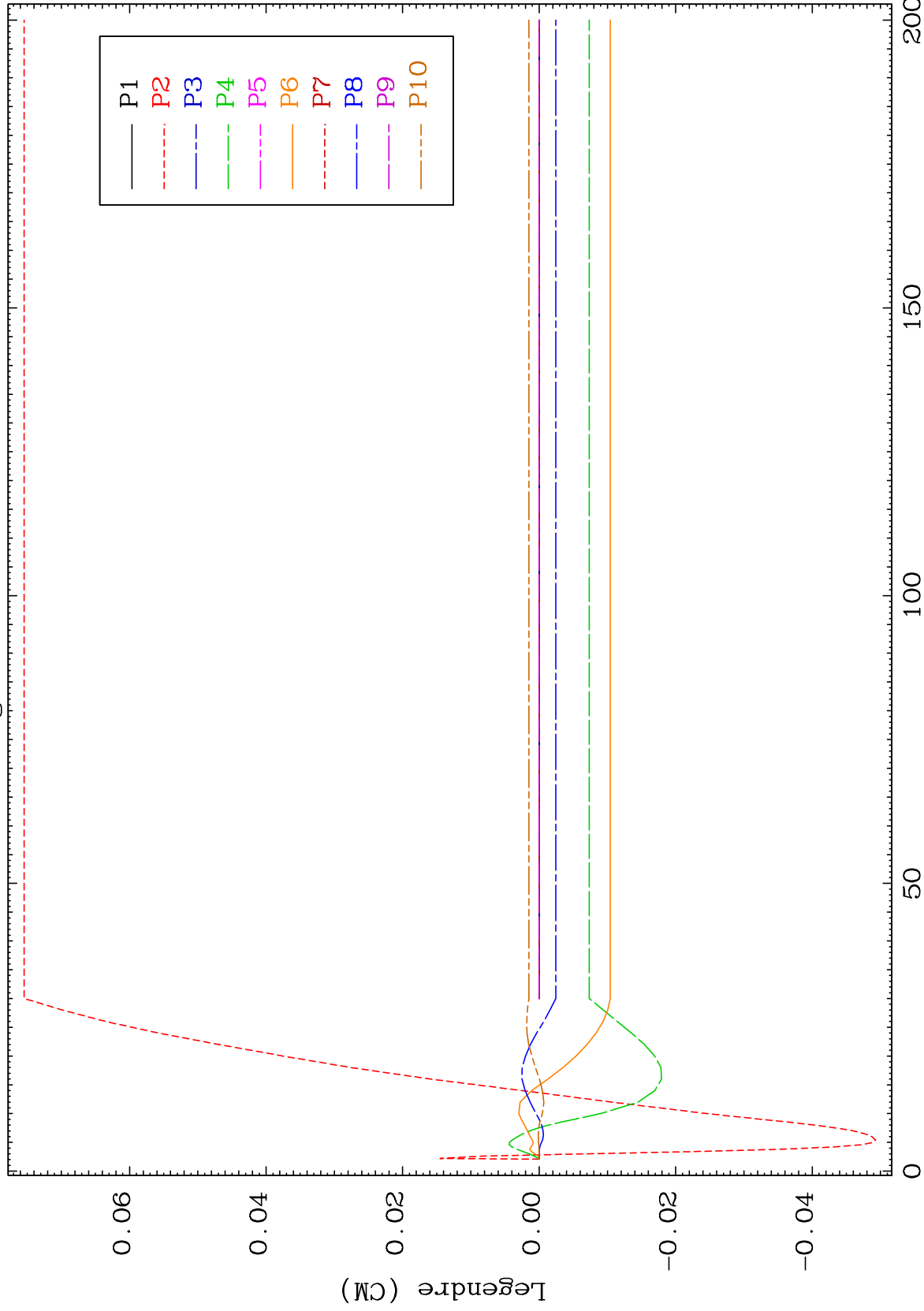
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204

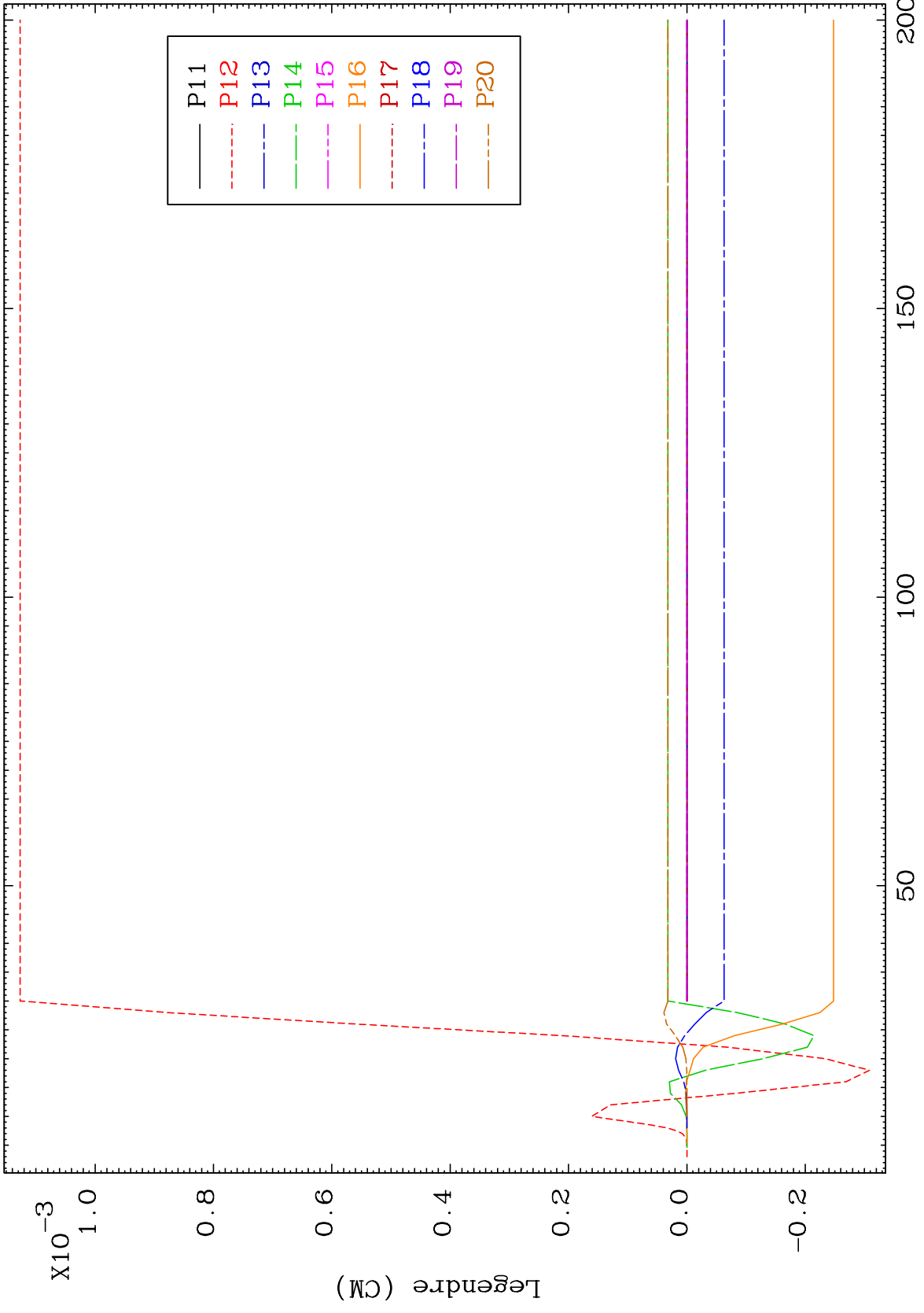


81

Incident Energy (MeV)

82-Pb-204

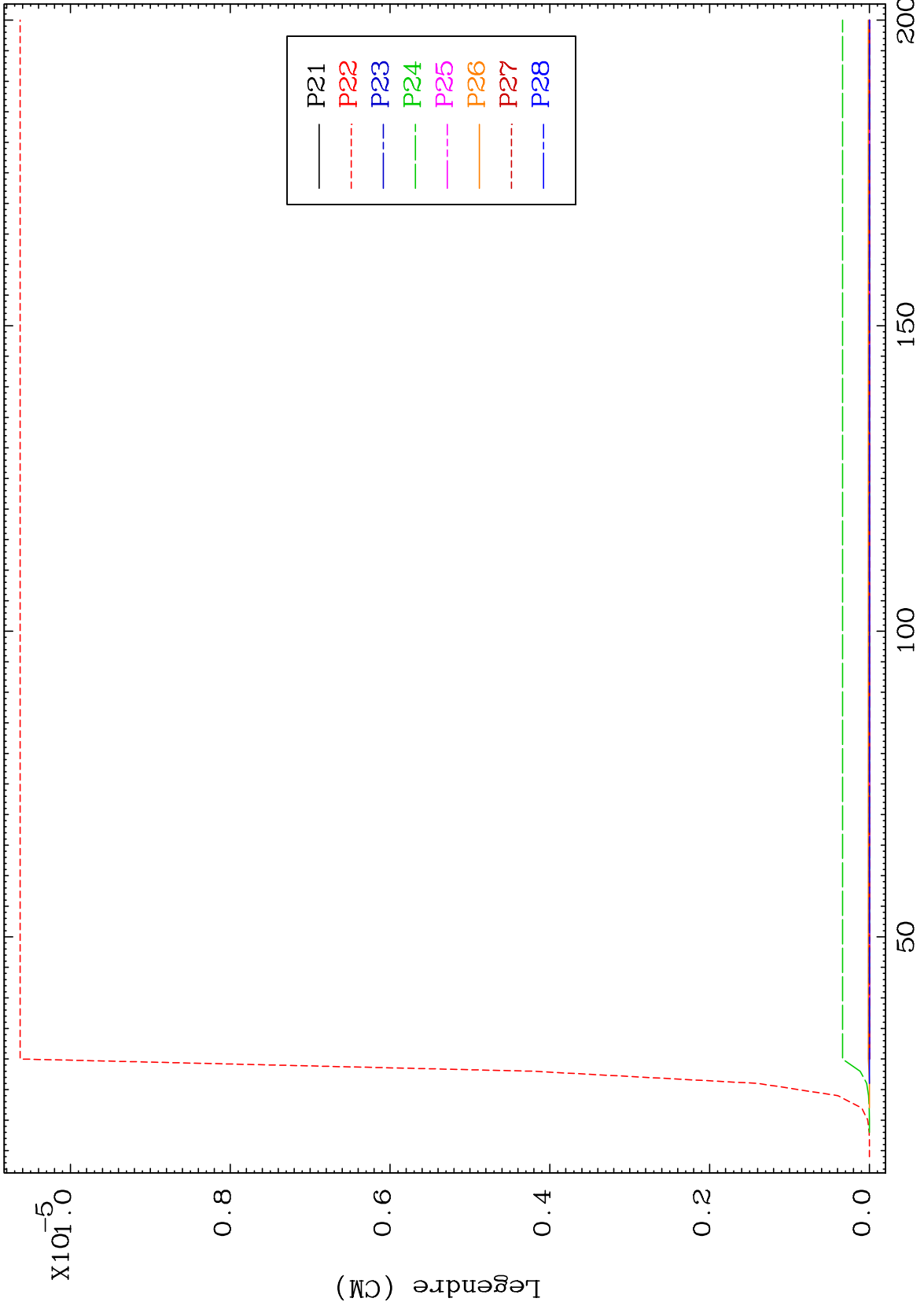
MAT 8225 MT= 68 (n,n') Level Legendre Coefficients 82-Pb-204



82

82-Pb-204

MAT 8225 MT= 68 (n,n') Level Legendre Coefficients 82-Pb-204

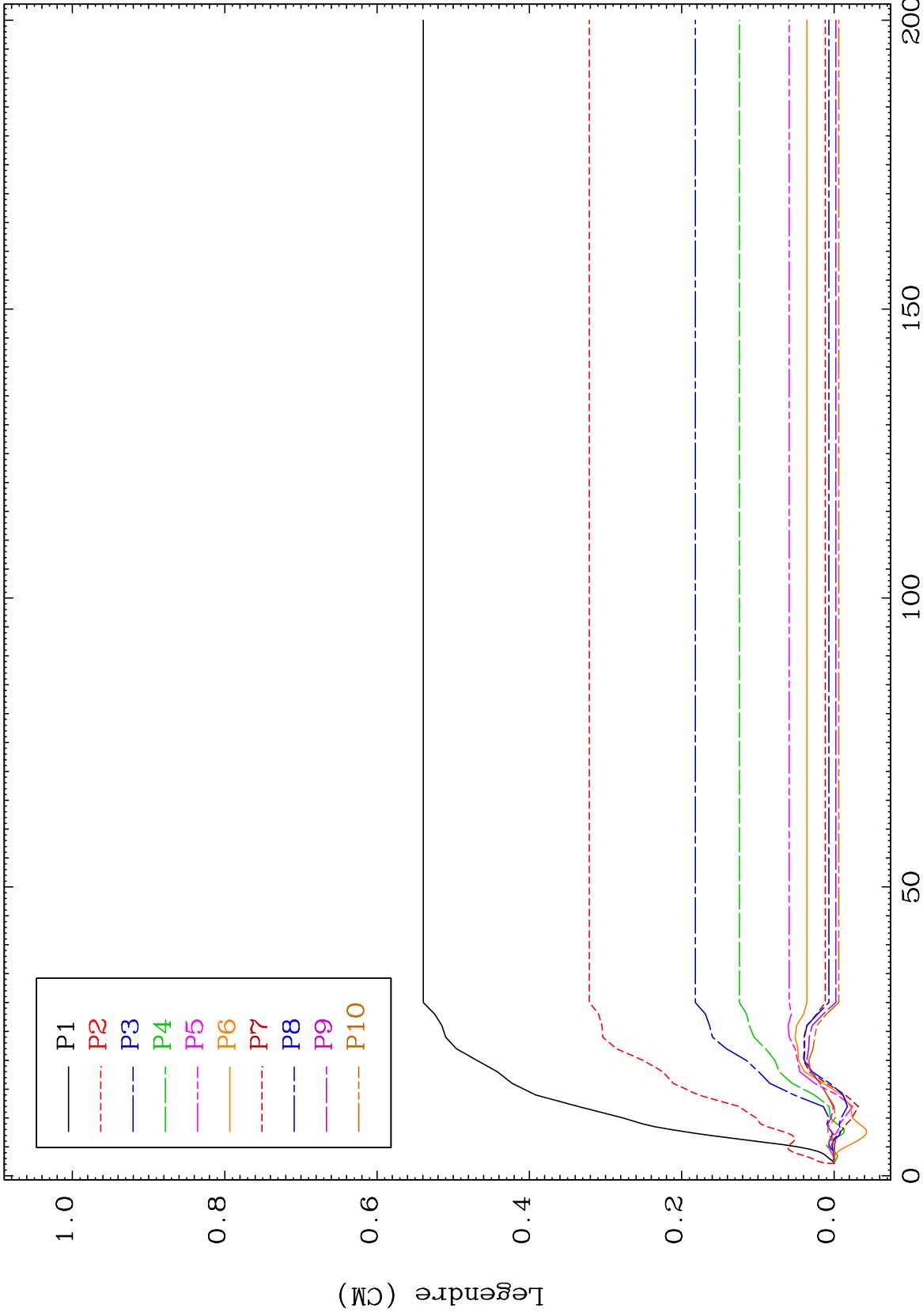


83 82-Pb-204

MAT 8225

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

82-Pb-204



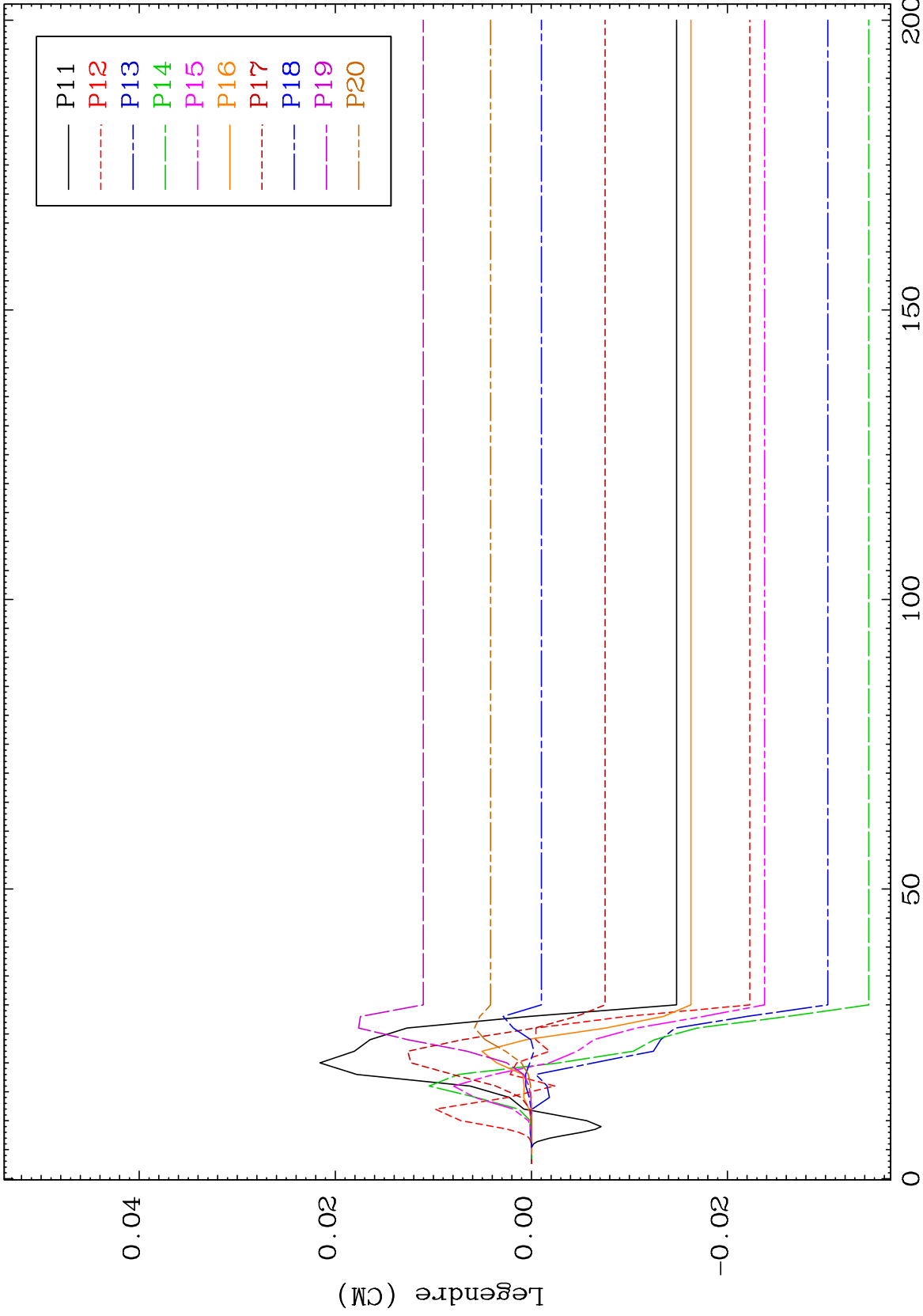
84

82-Pb-204

MAT 8225

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

82-Pb-204



85

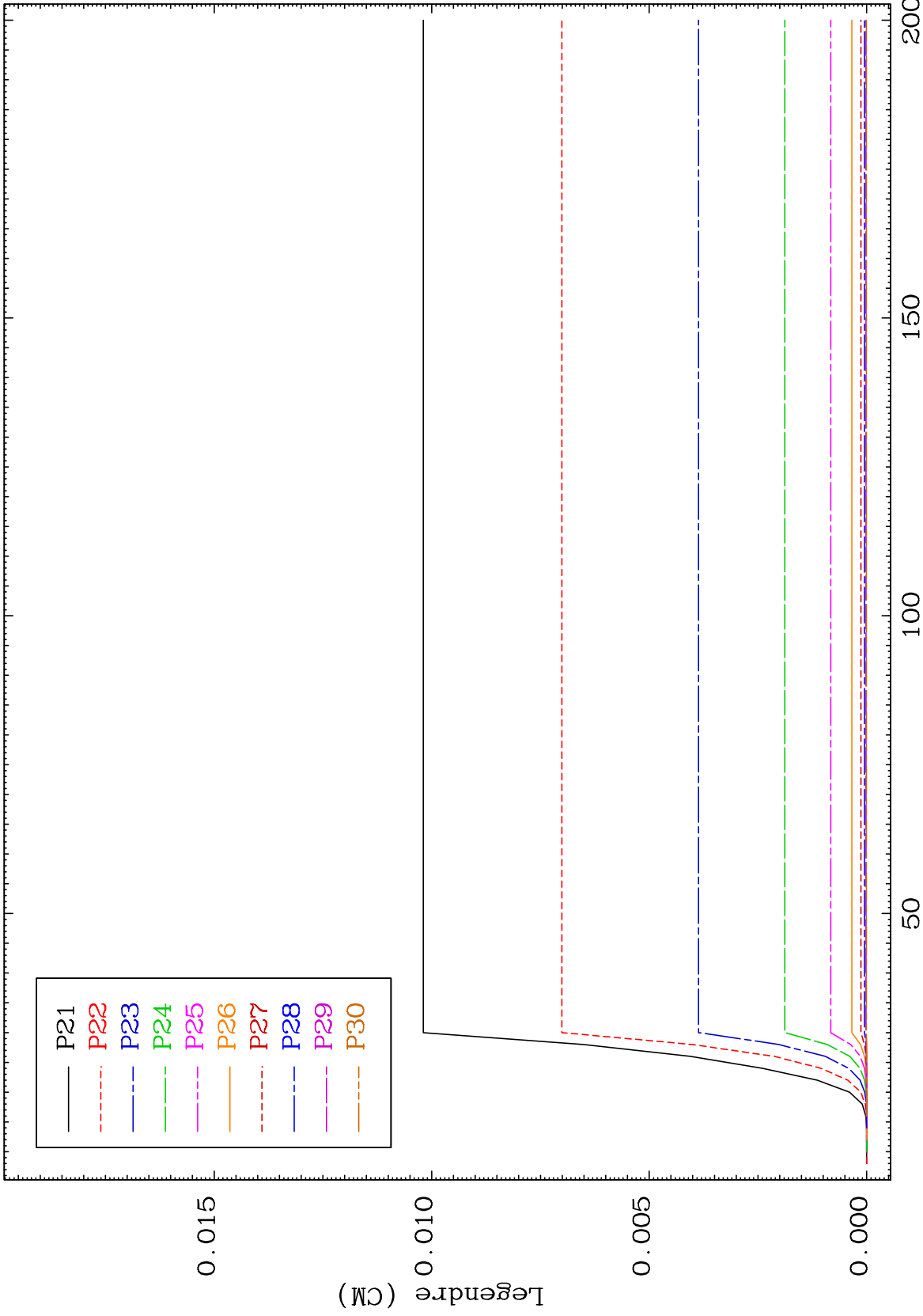
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



86

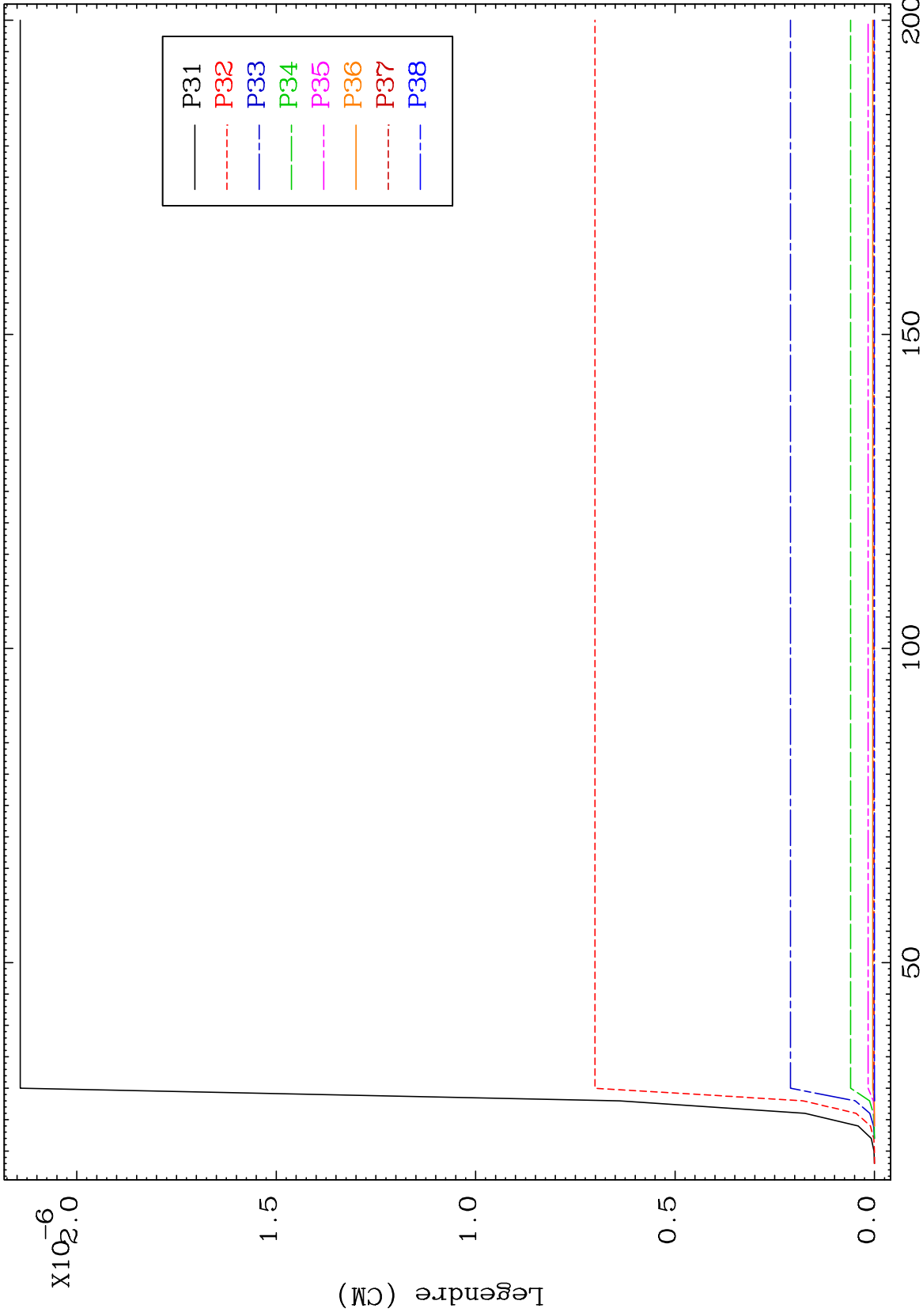
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204

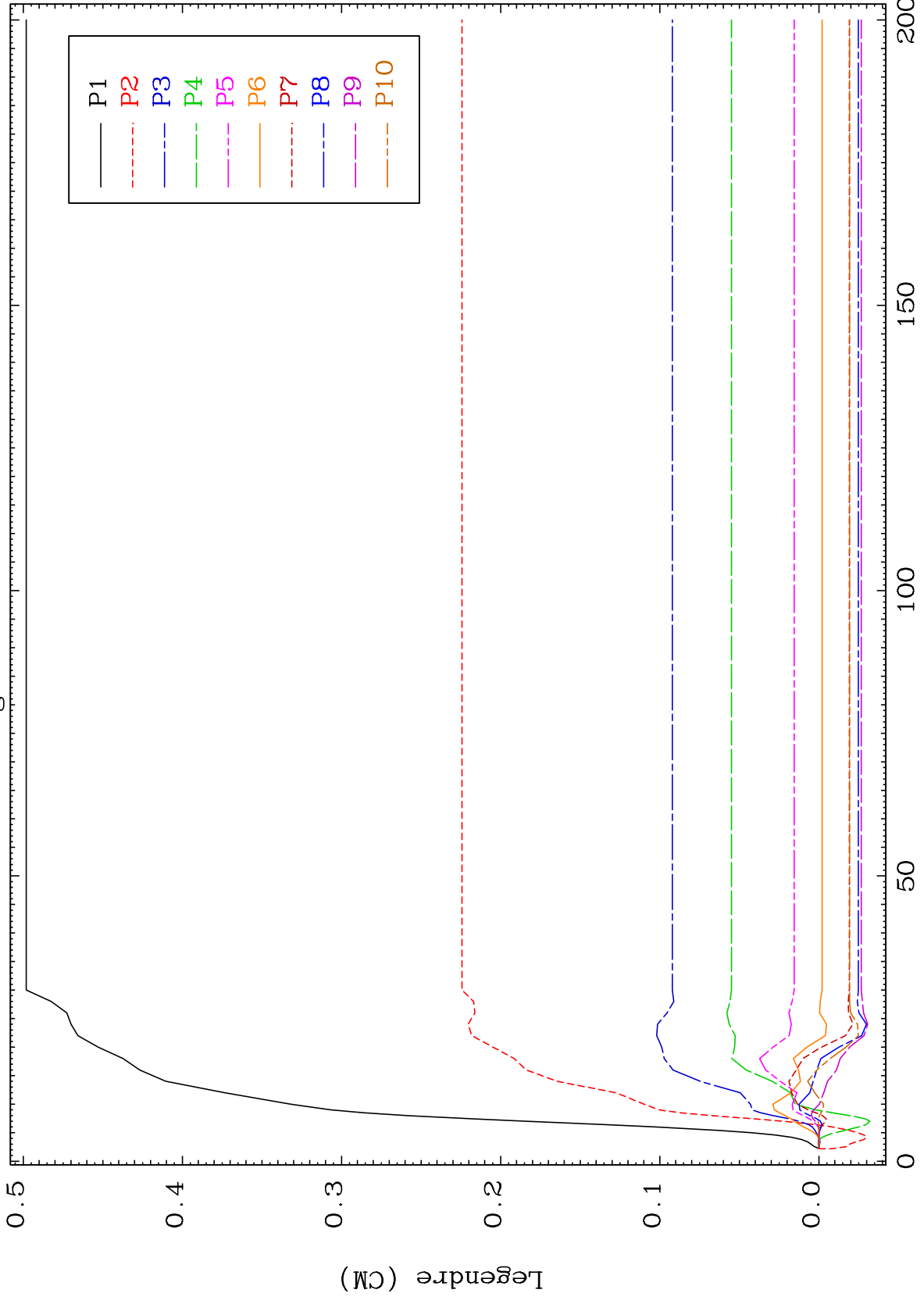


87

Incident Energy (MeV)

82-Pb-204

MAT 8225 MT= 70 (n,n') Level Legendre Coefficients 82-Pb-204

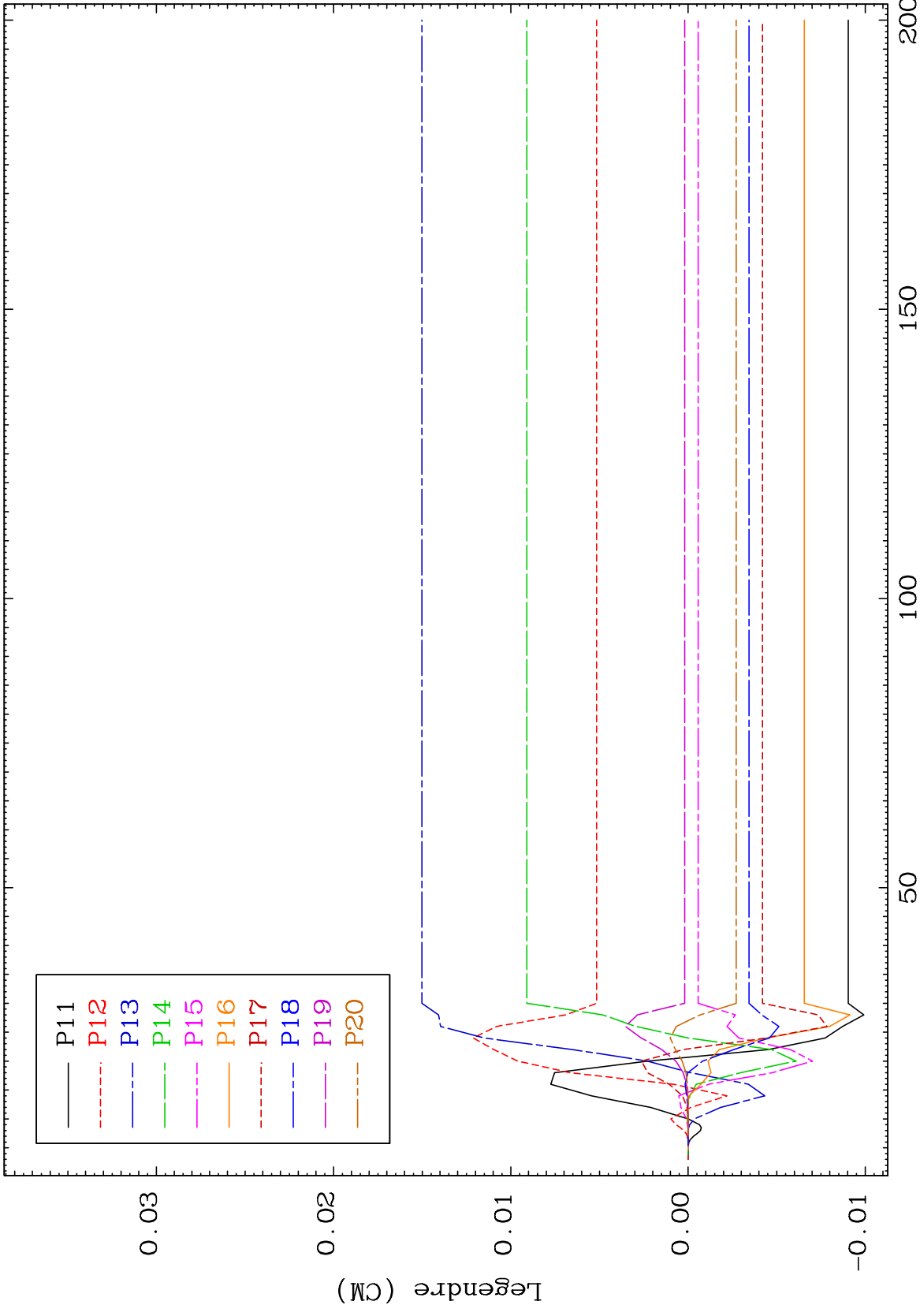


88 82-Pb-204

MAT 8225

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

82-Pb-204



89

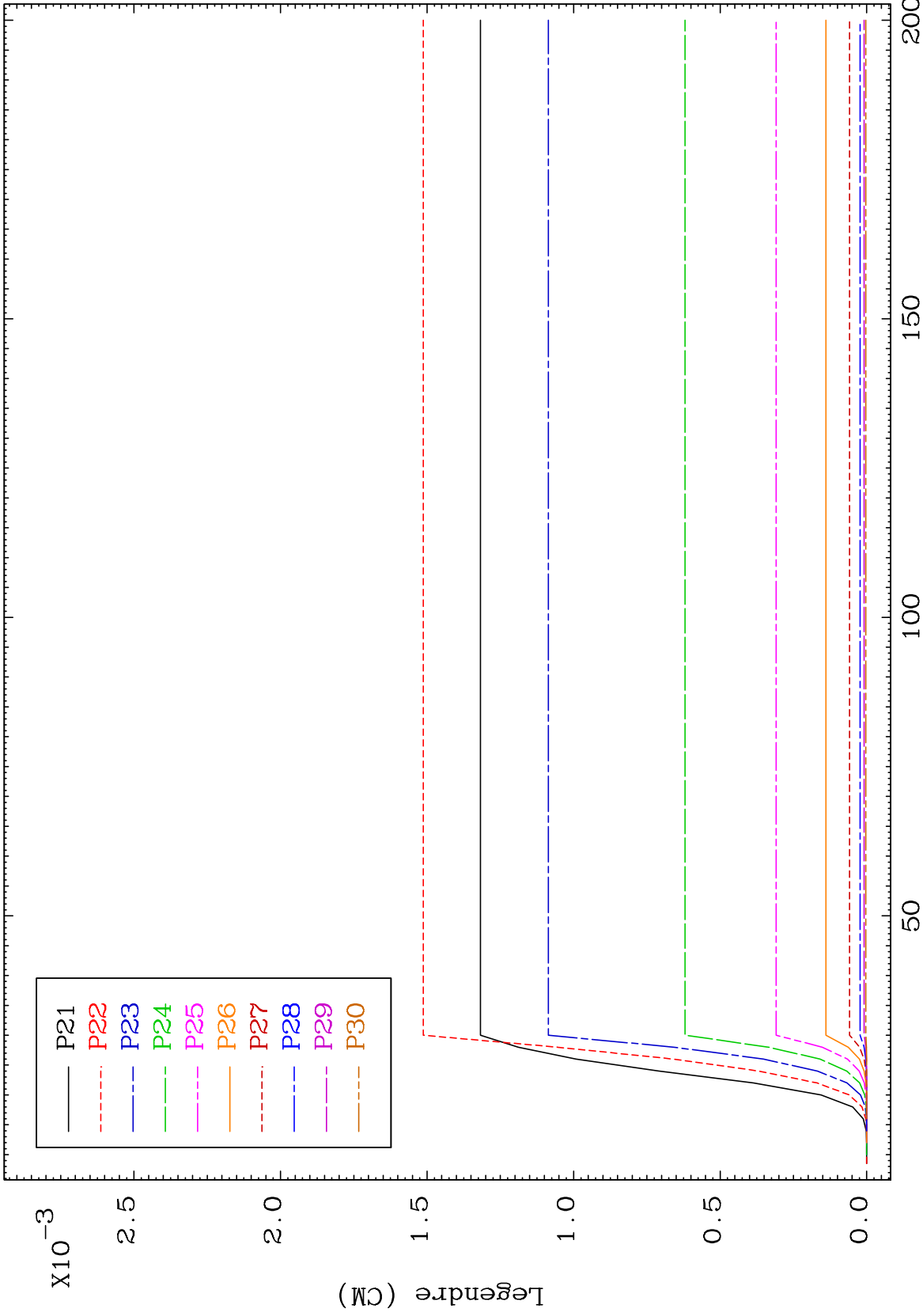
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



90

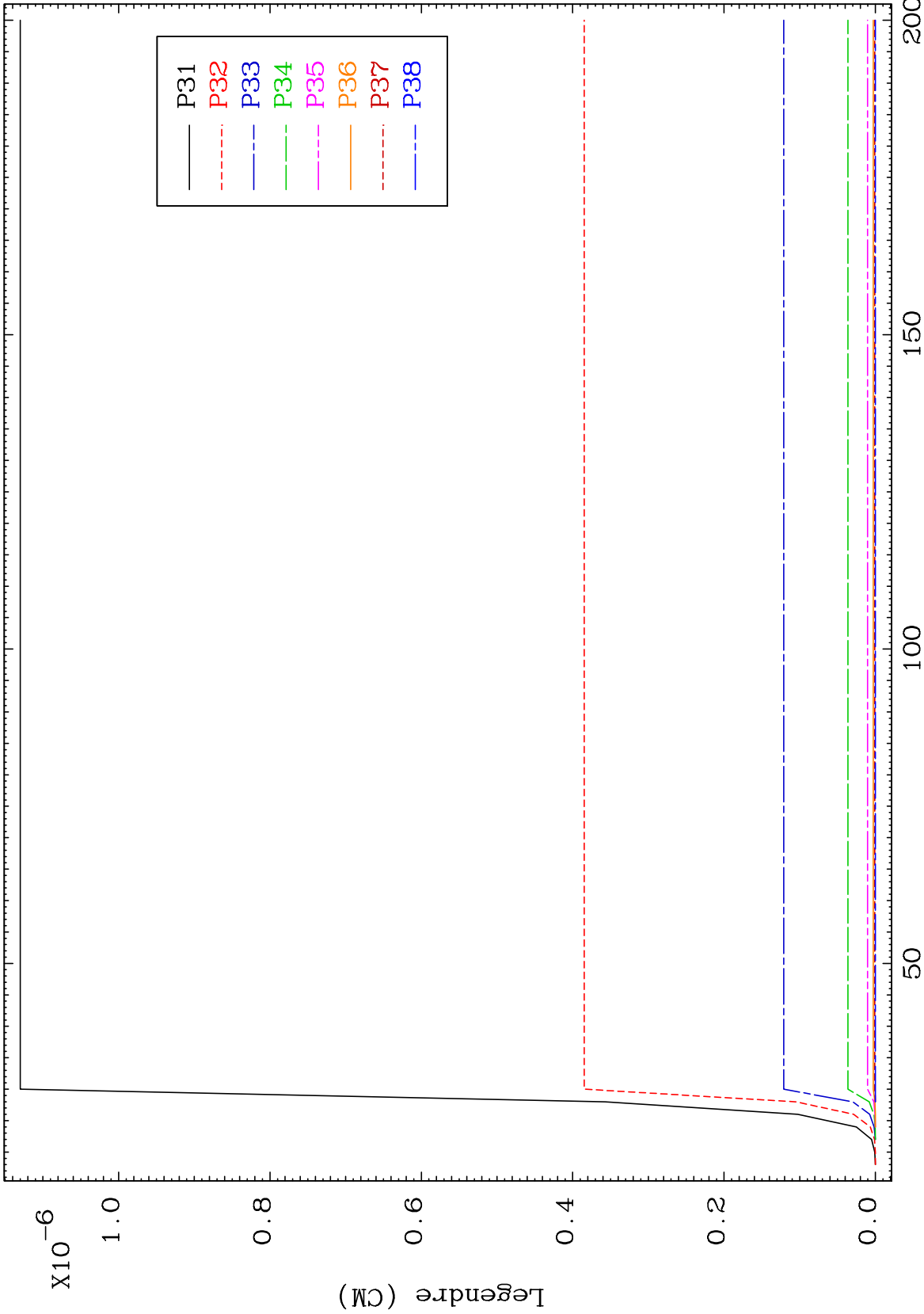
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



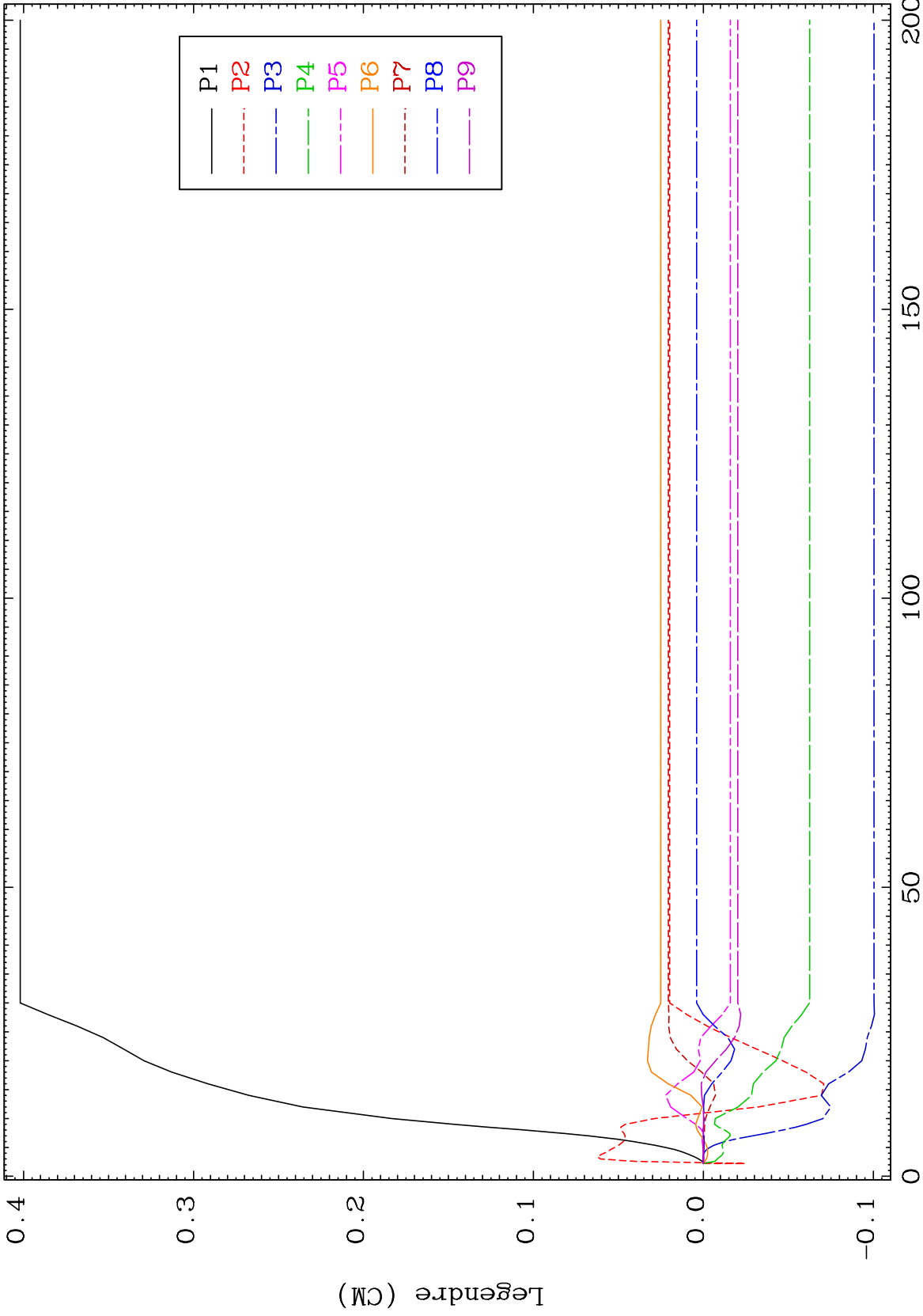
91

82-Pb-204

MAT 8225

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

82-Pb-204



92

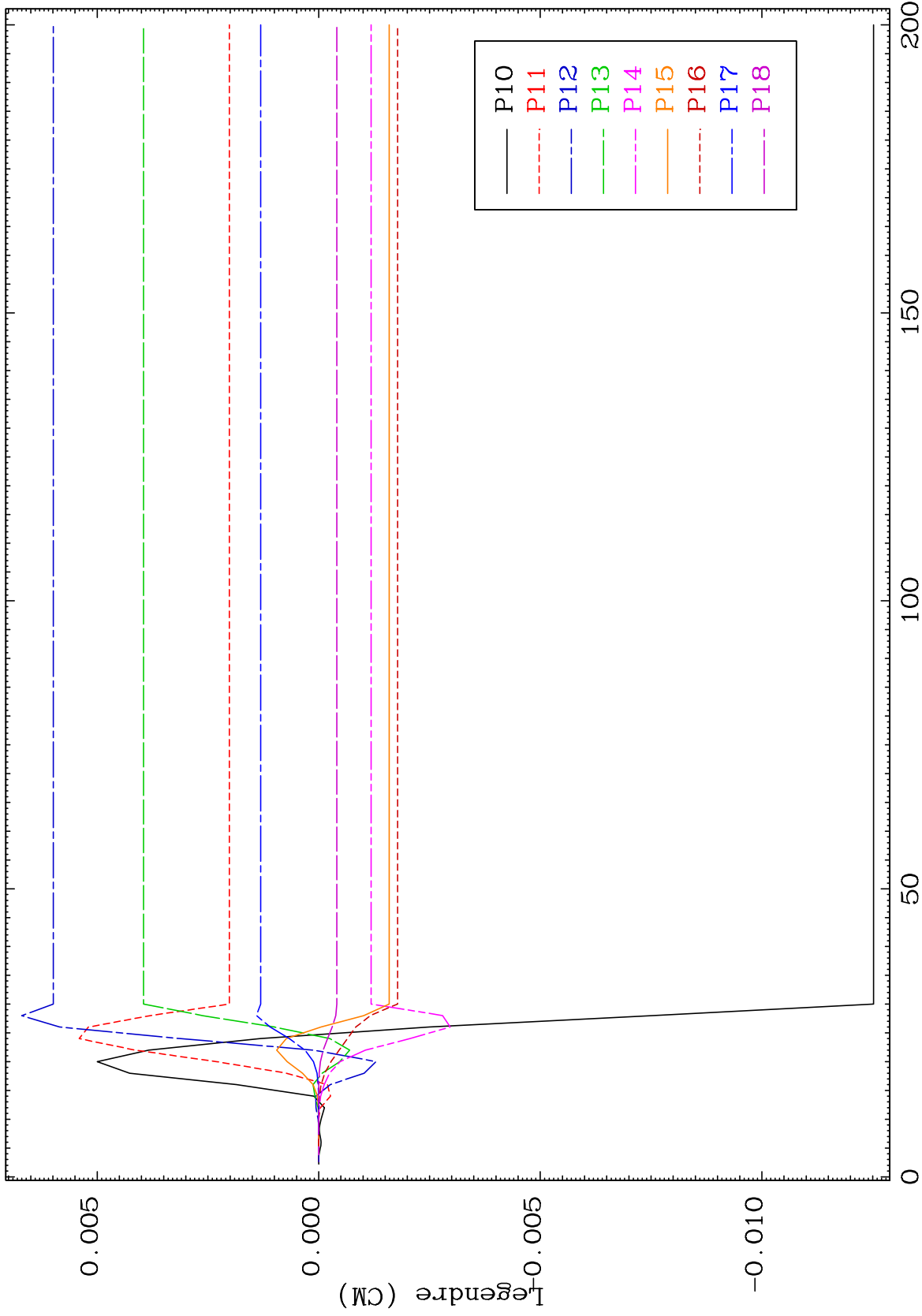
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



93

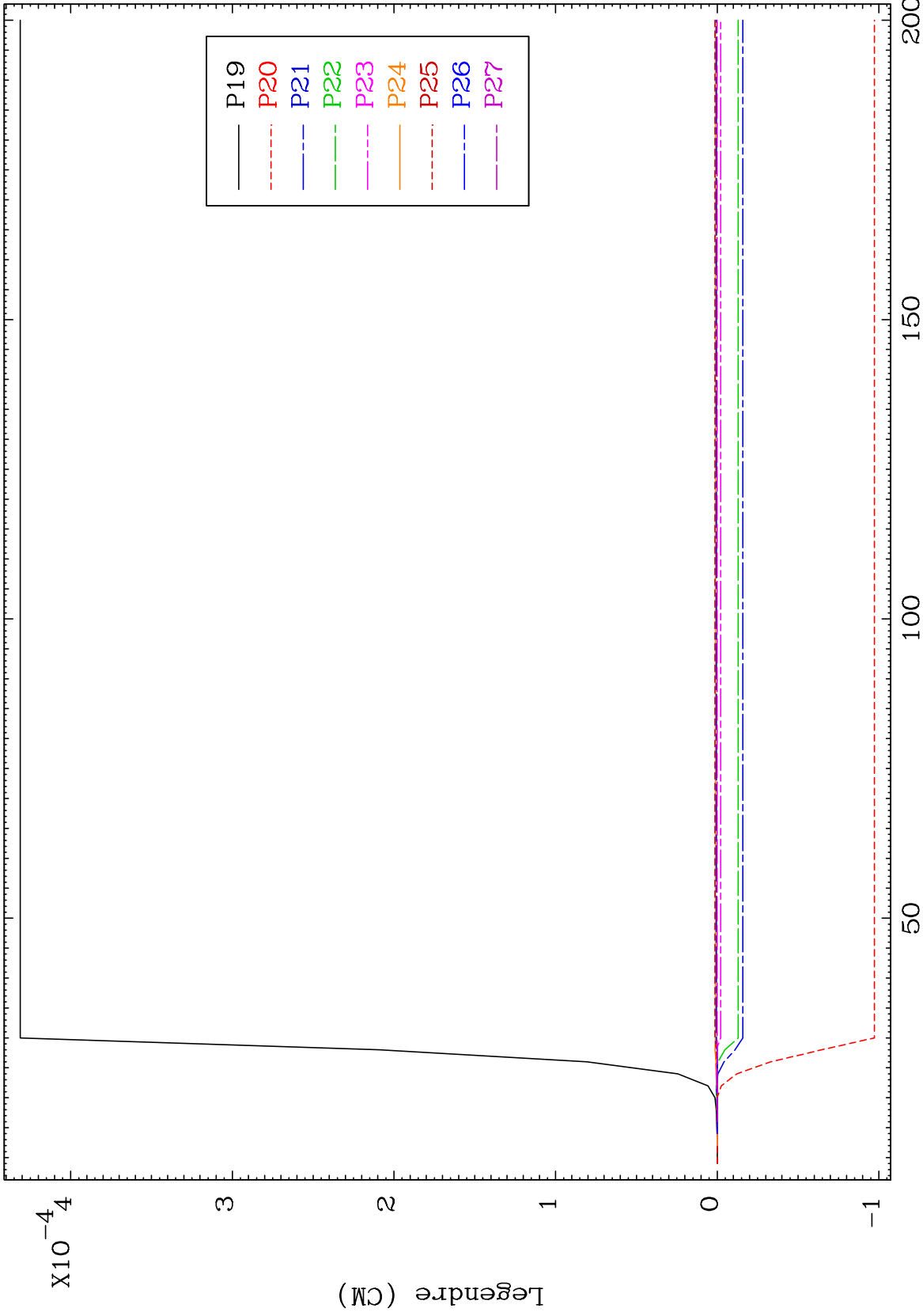
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



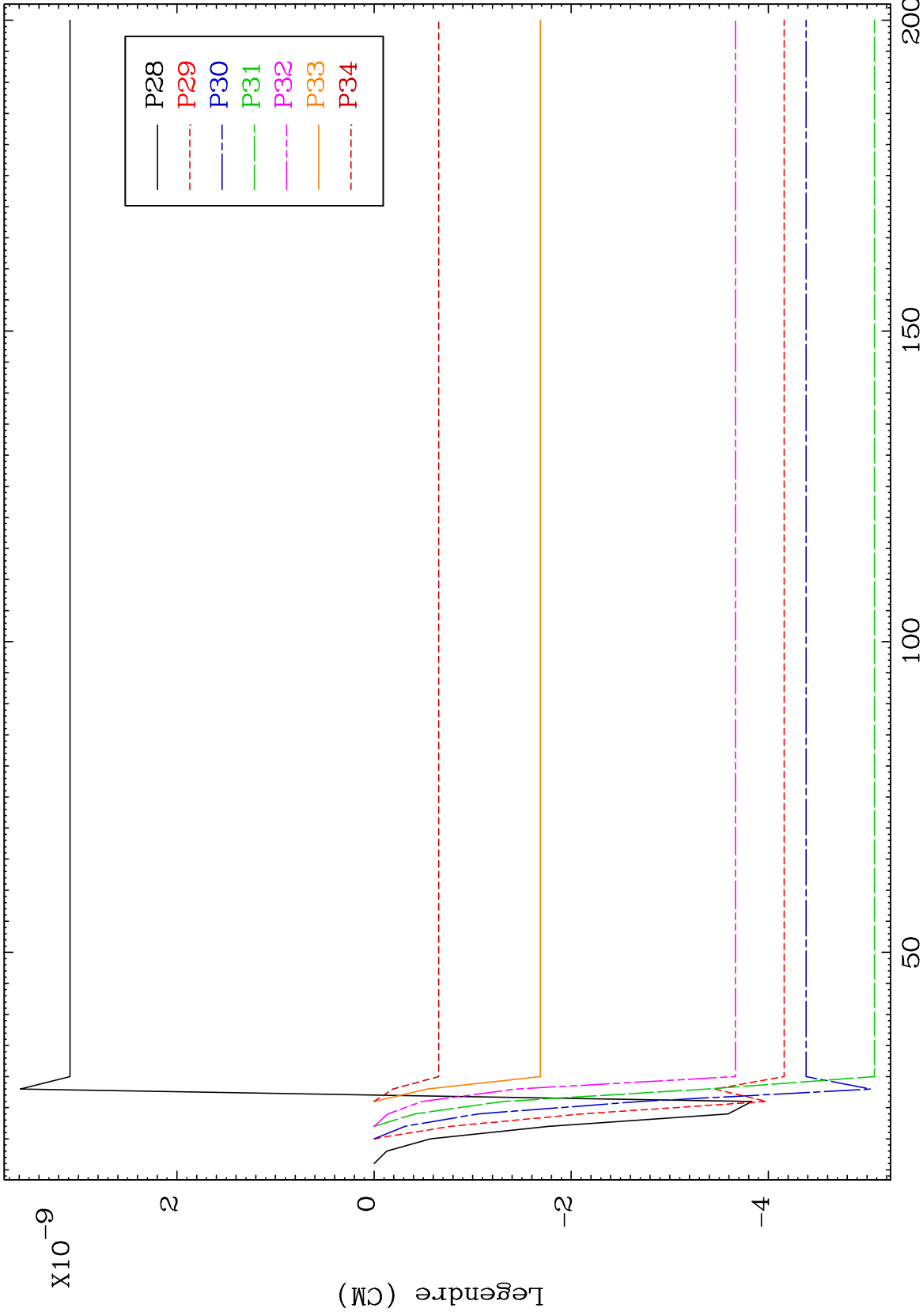
94

82-Pb-204

MAT 8225

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

82-Pb-204



95

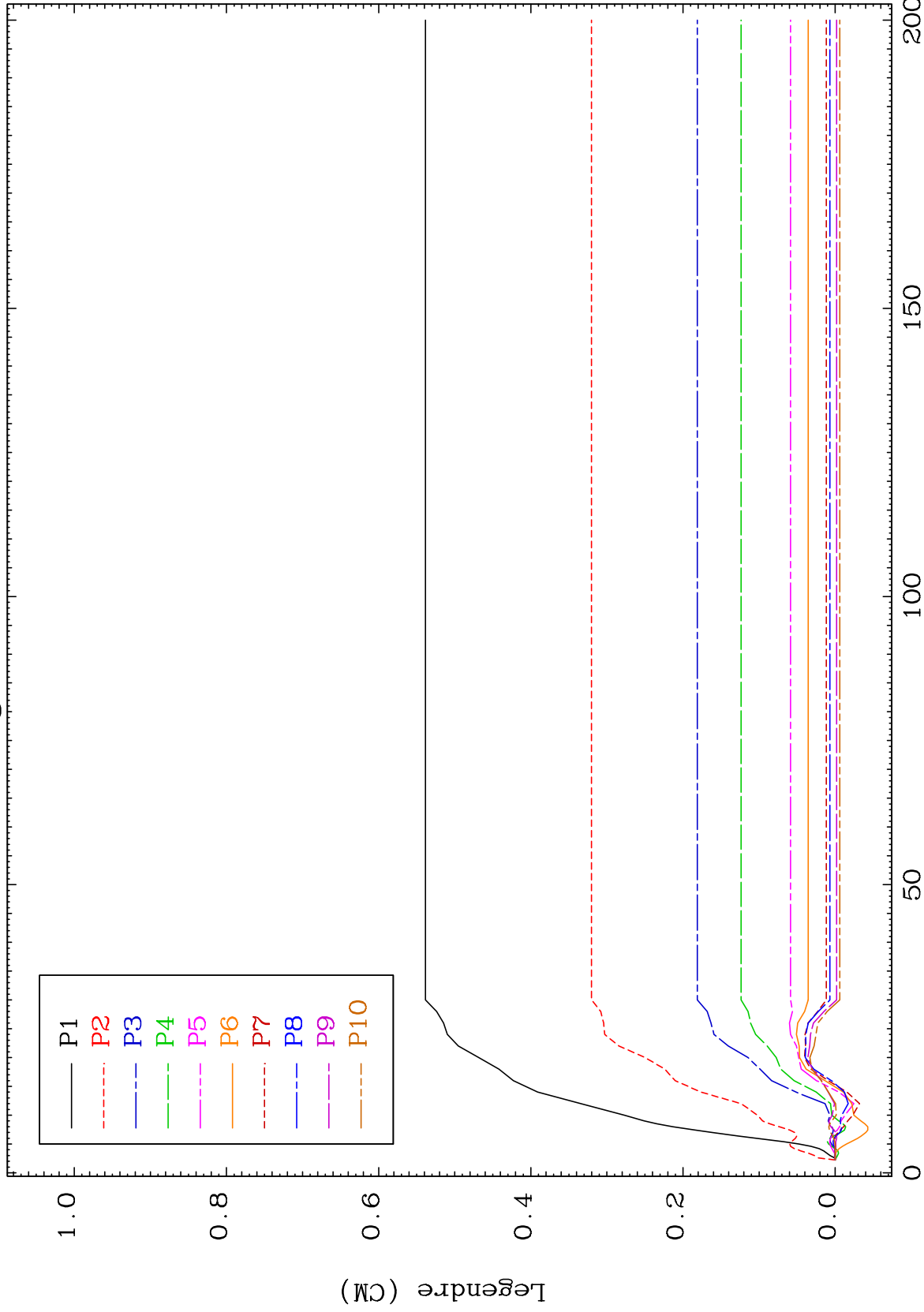
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



96

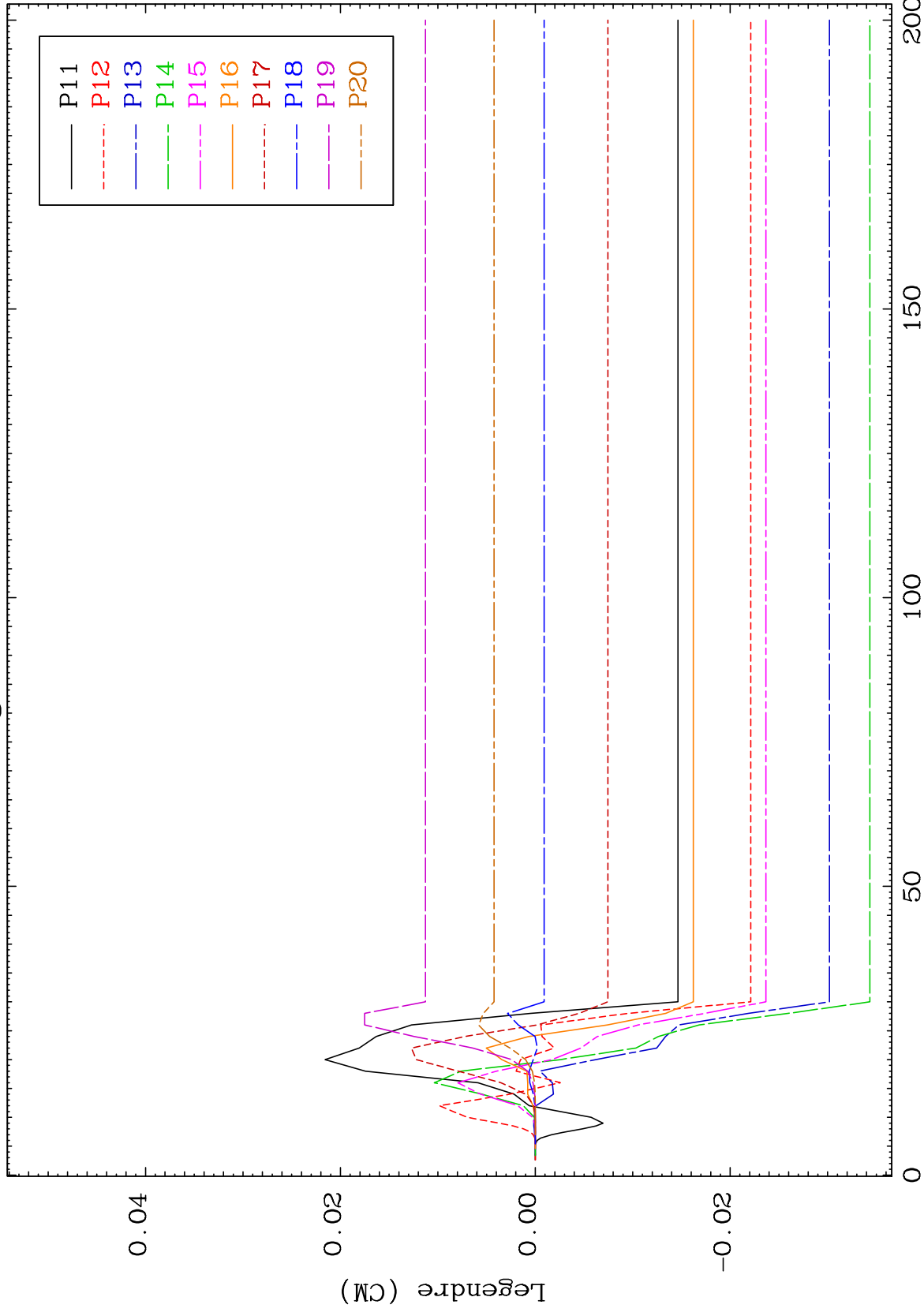
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



97

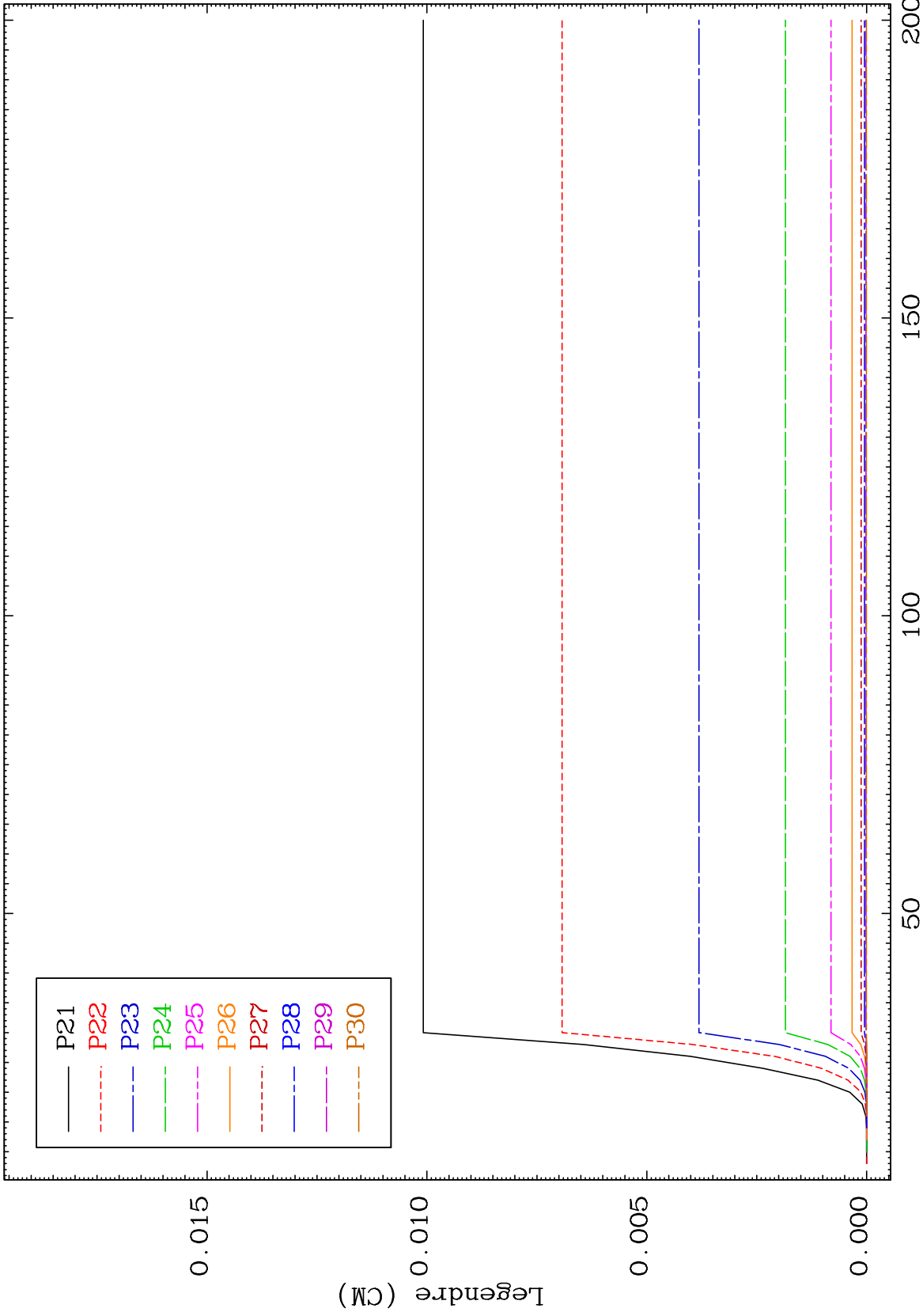
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



98

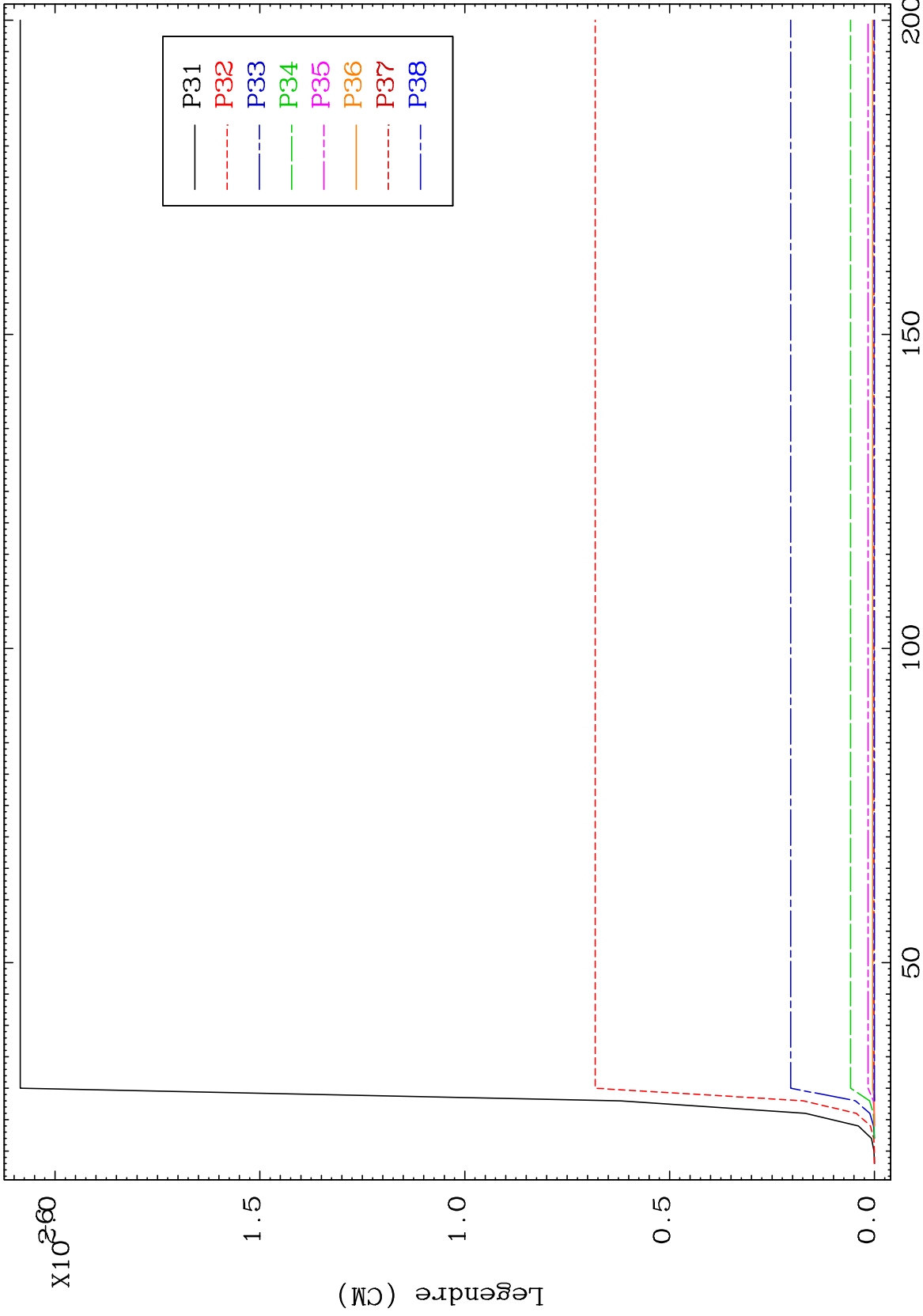
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204

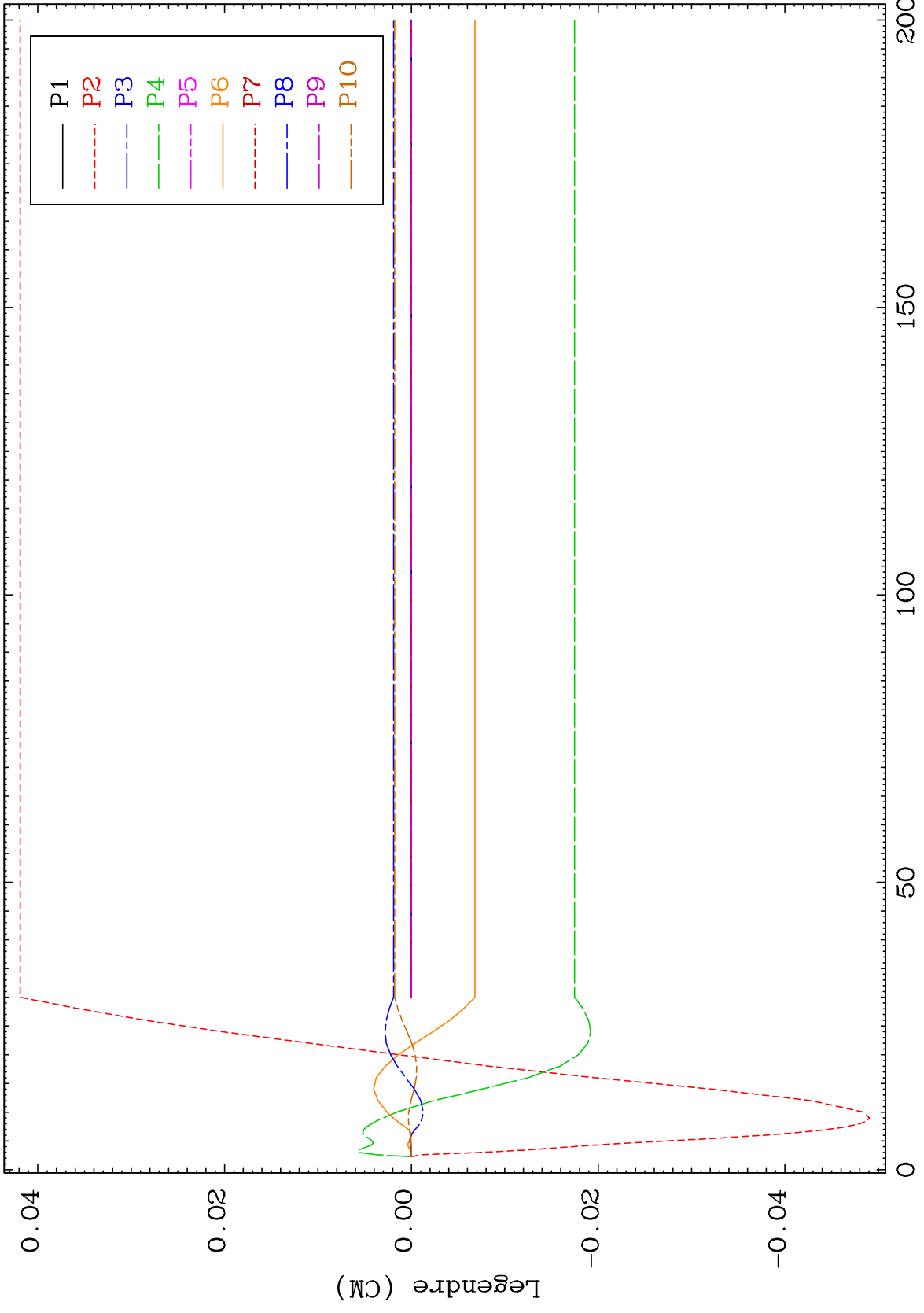


99

Incident Energy (MeV)

82-Pb-204

MAT 8225 MT= 73 (n,n') Level Legendre Coefficients 82-Pb-204

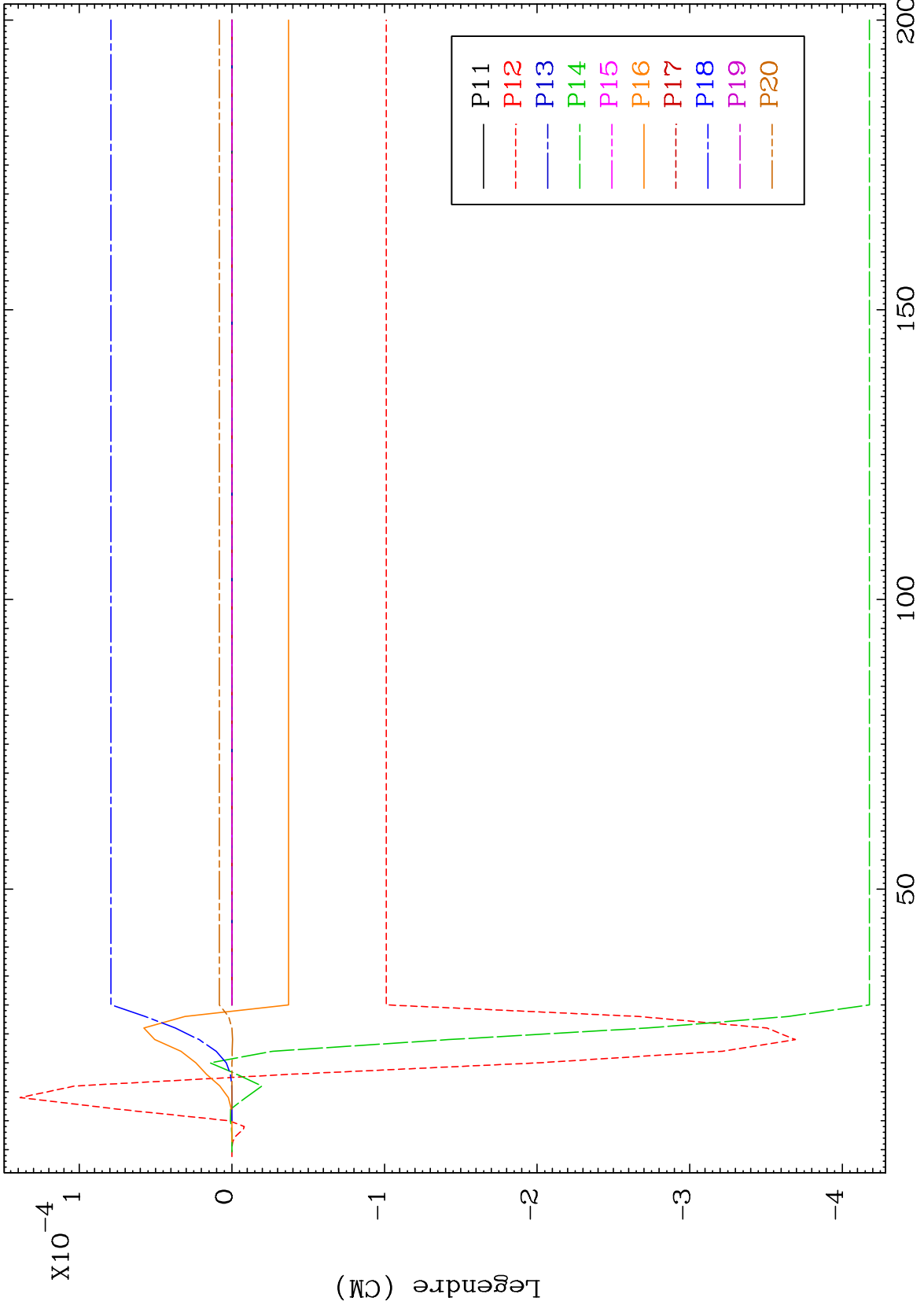


82-Pb-204

MAT 8225

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

82-Pb-204



101

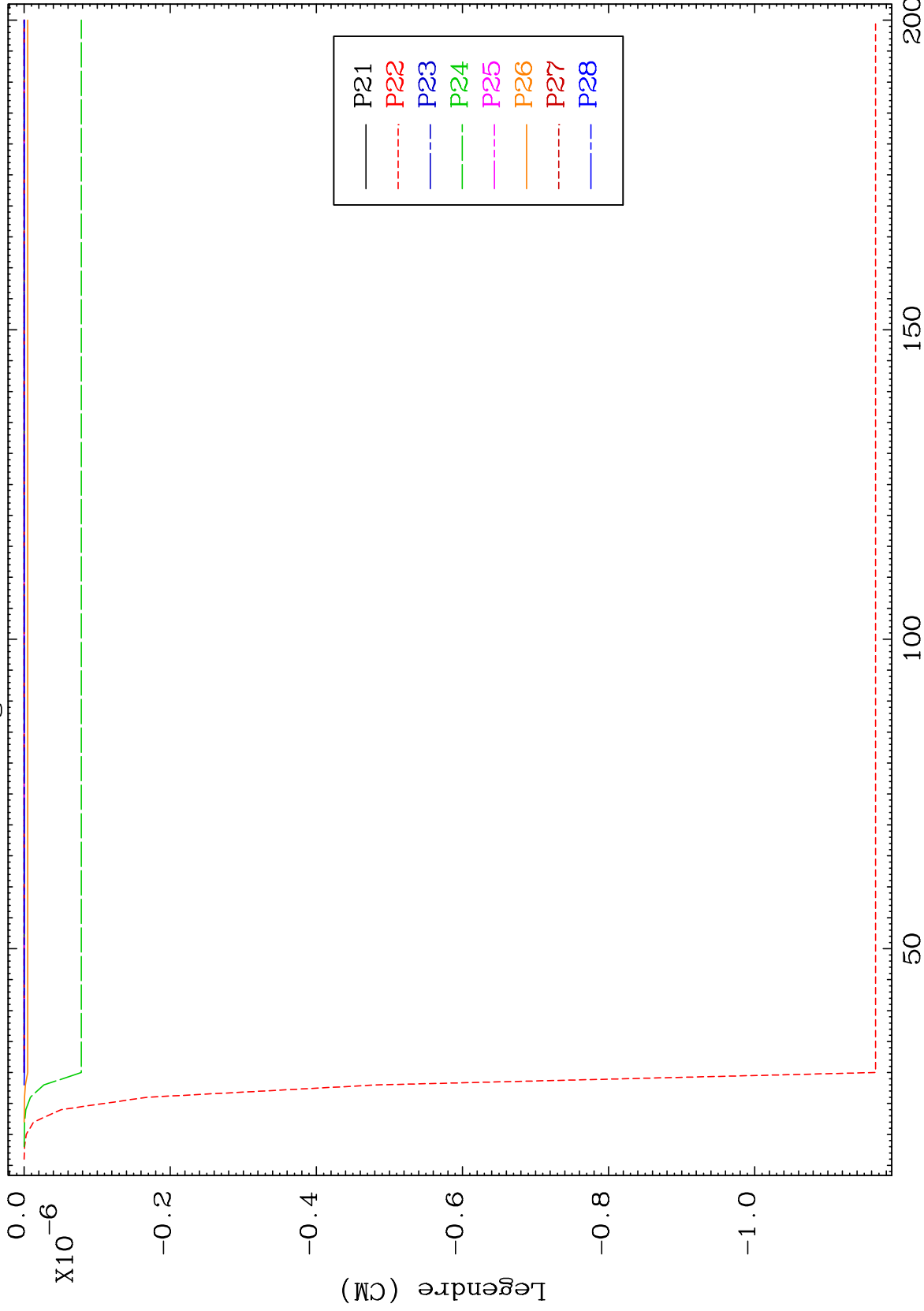
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



102

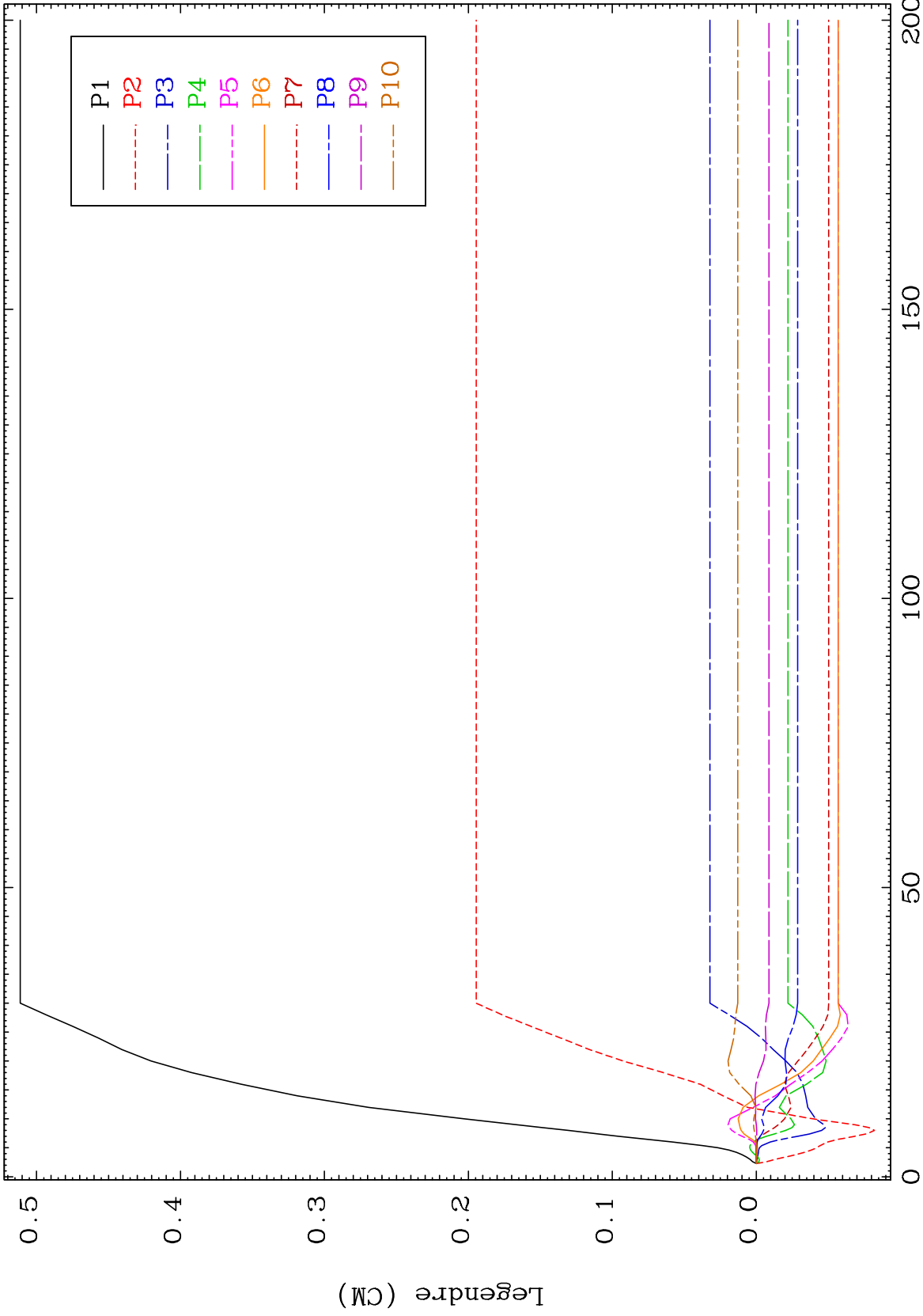
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



103

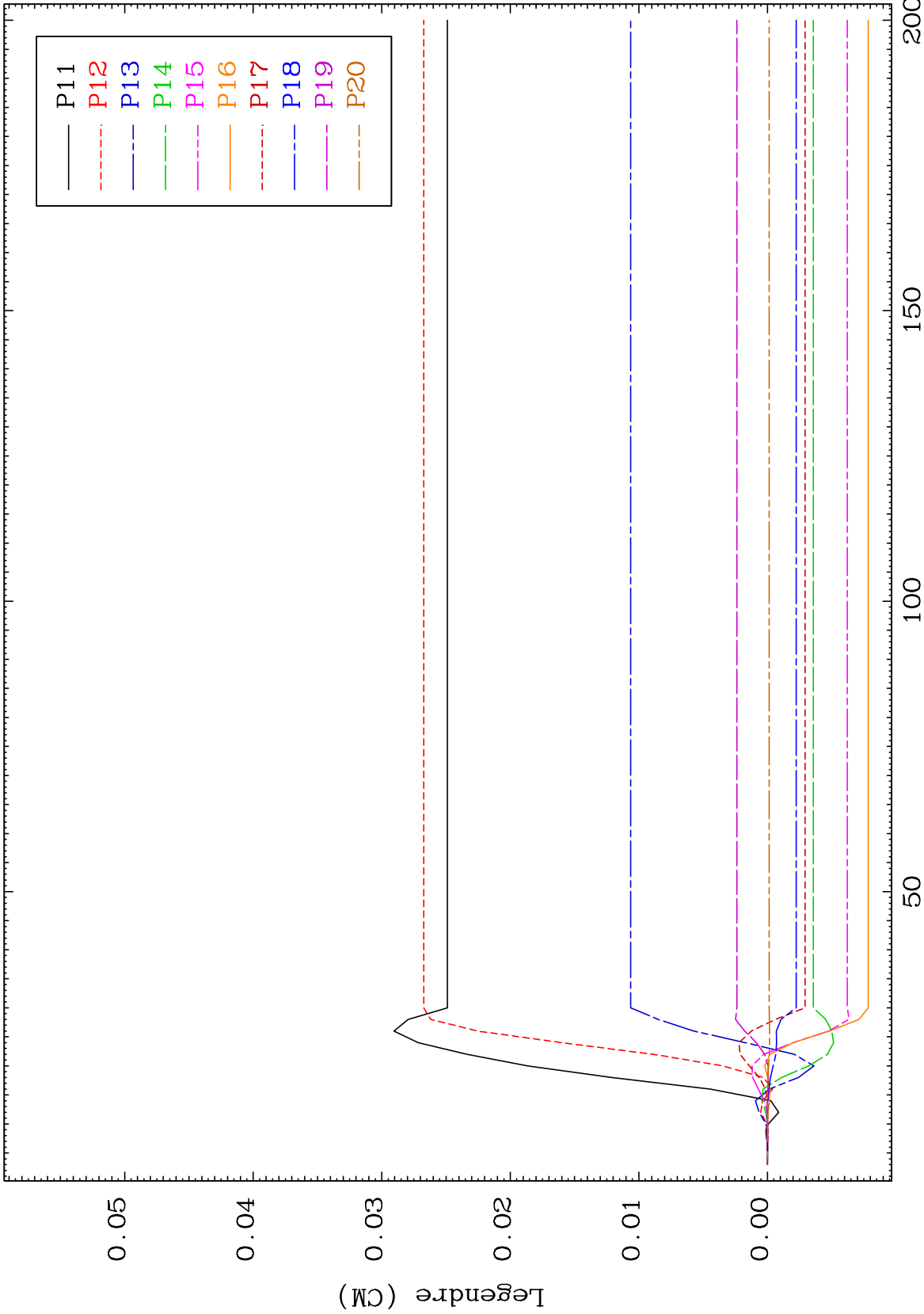
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



104

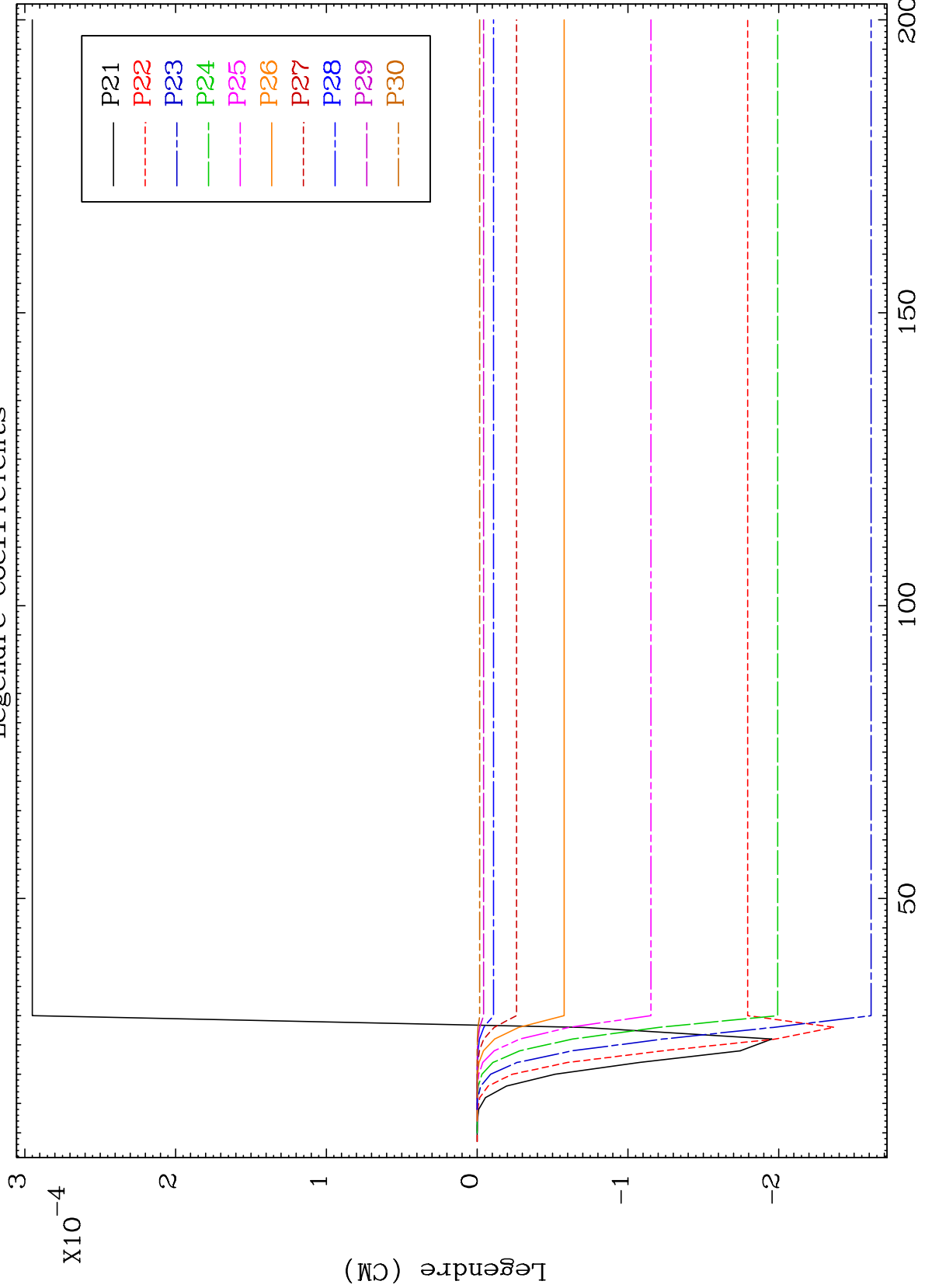
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



105

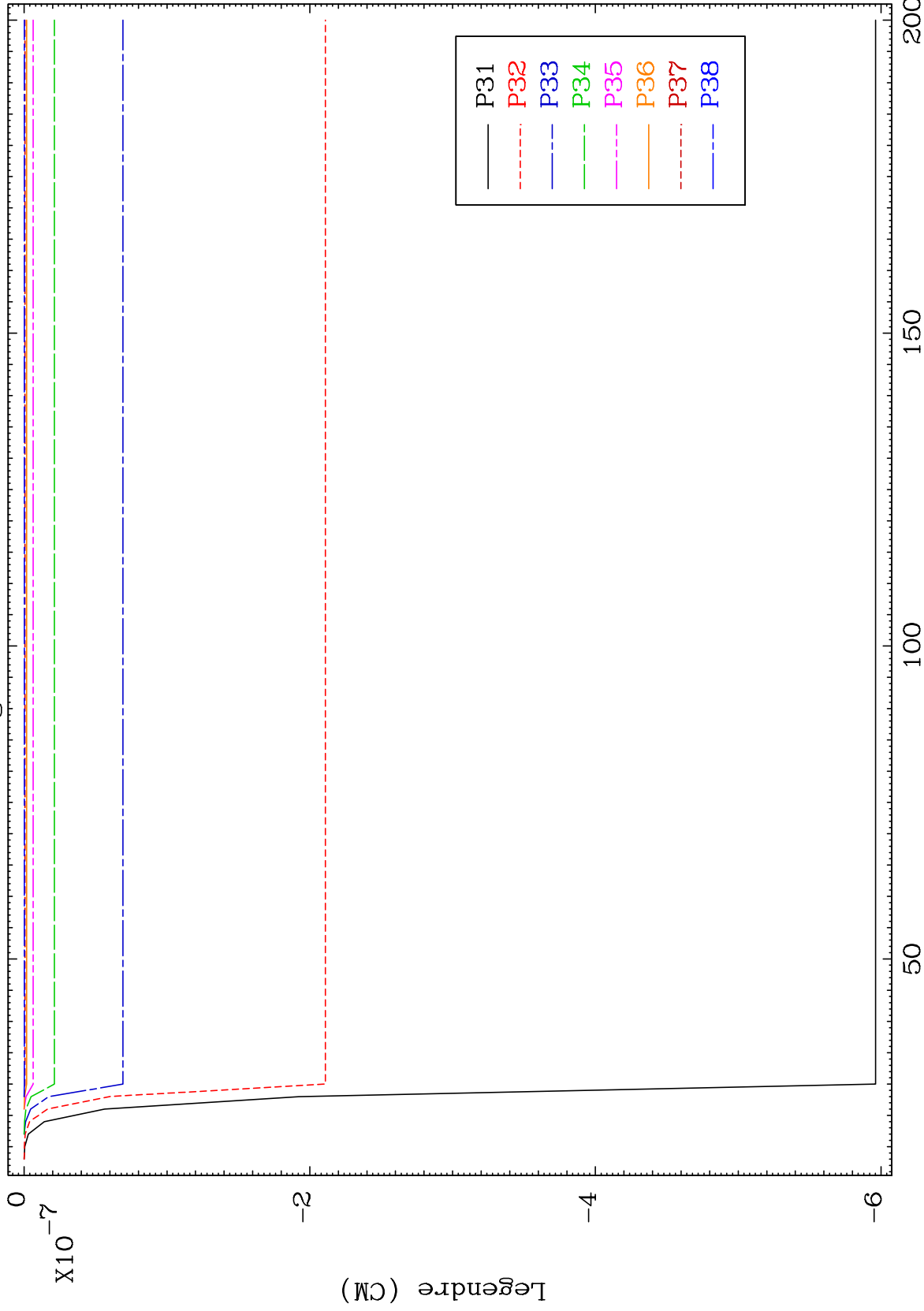
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



106

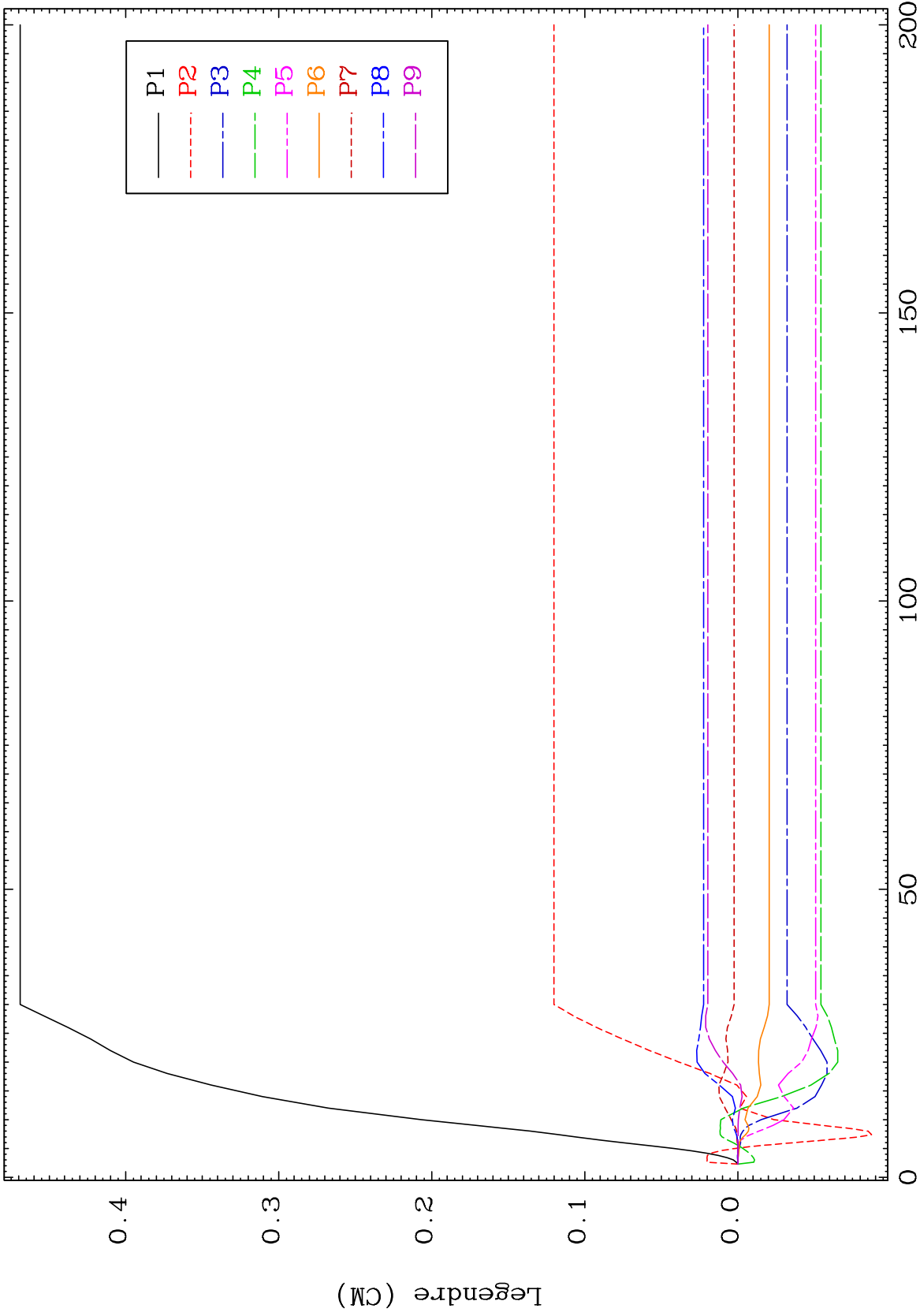
82-Pb-204

82-Pb-204

MAT 8225

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

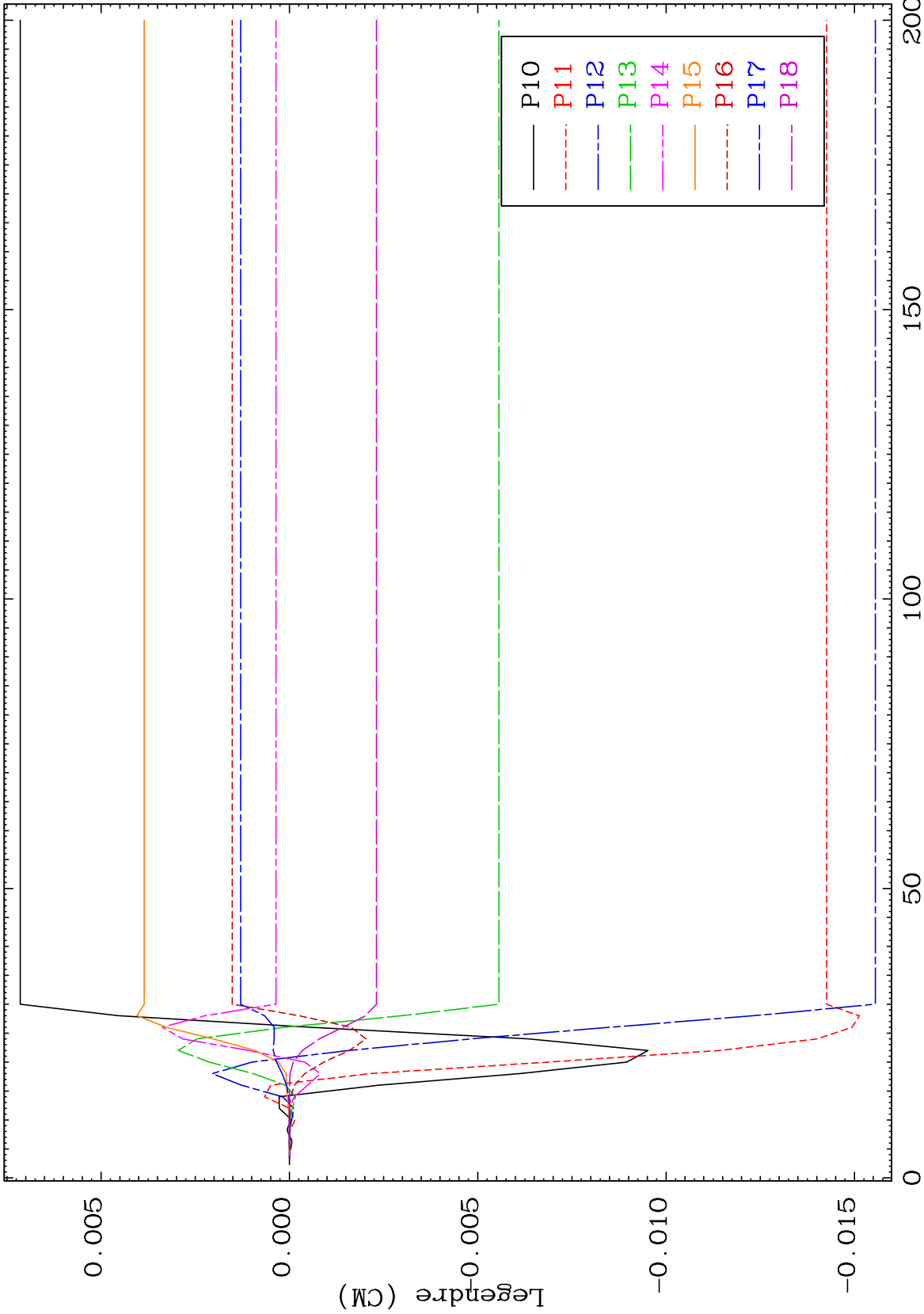
82-Pb-204



107

Incident Energy (MeV)

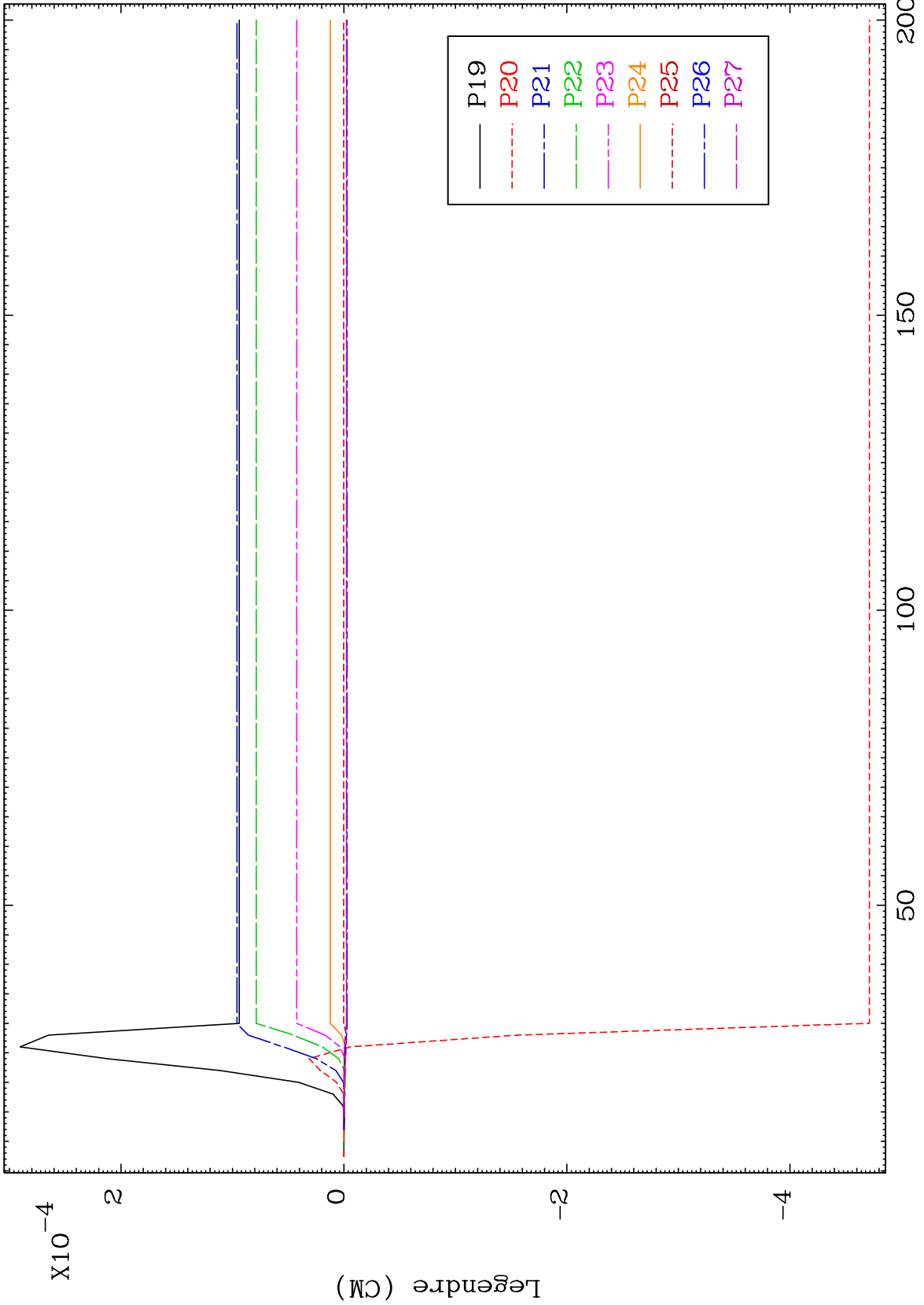
82-Pb-204



MAT 8225

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

82-Pb-204



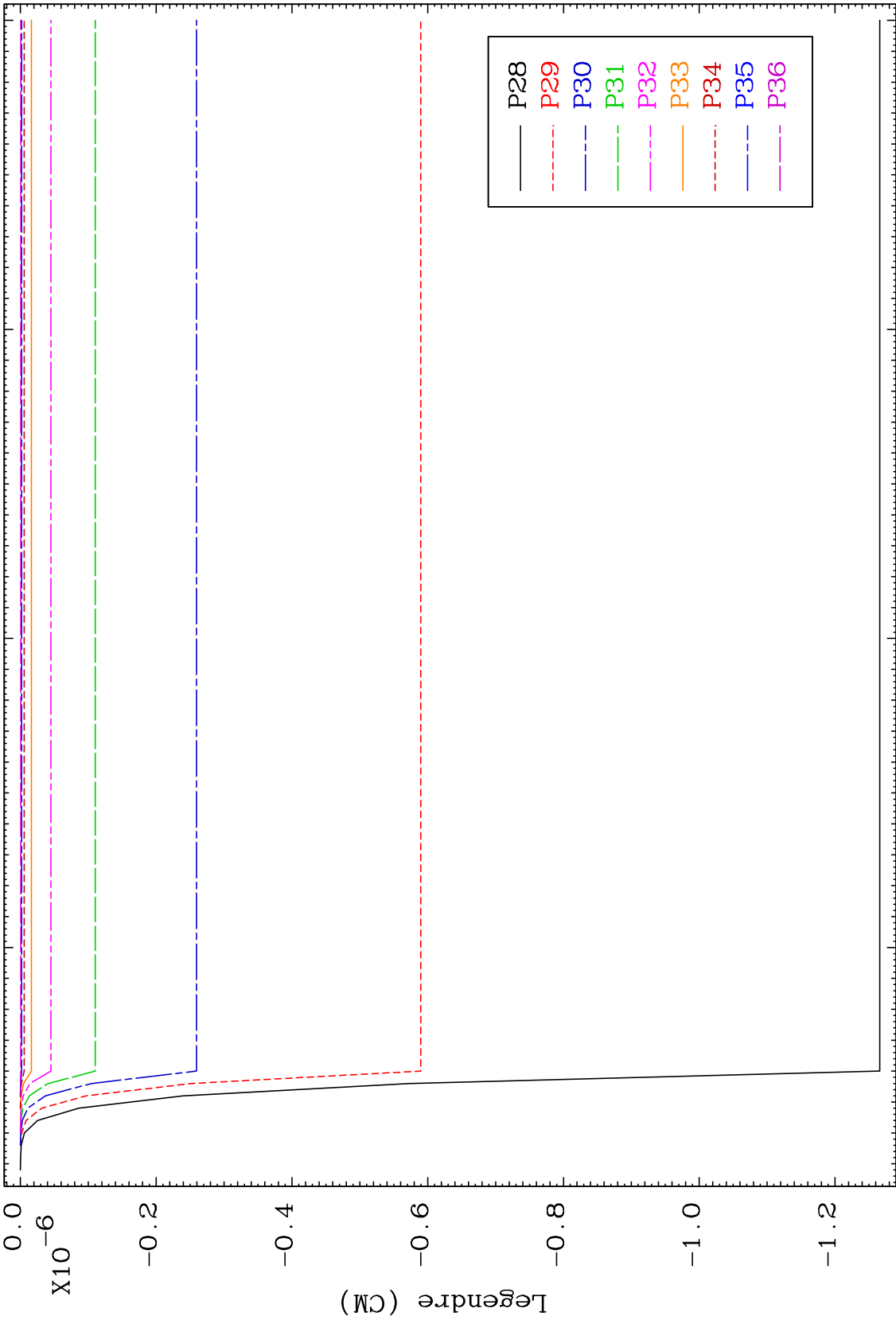
109

Incident Energy (MeV)

82-Pb-204

MAT 8225 MT= 75 (n,n') Level 82-Pb-204

Legendre Coefficients

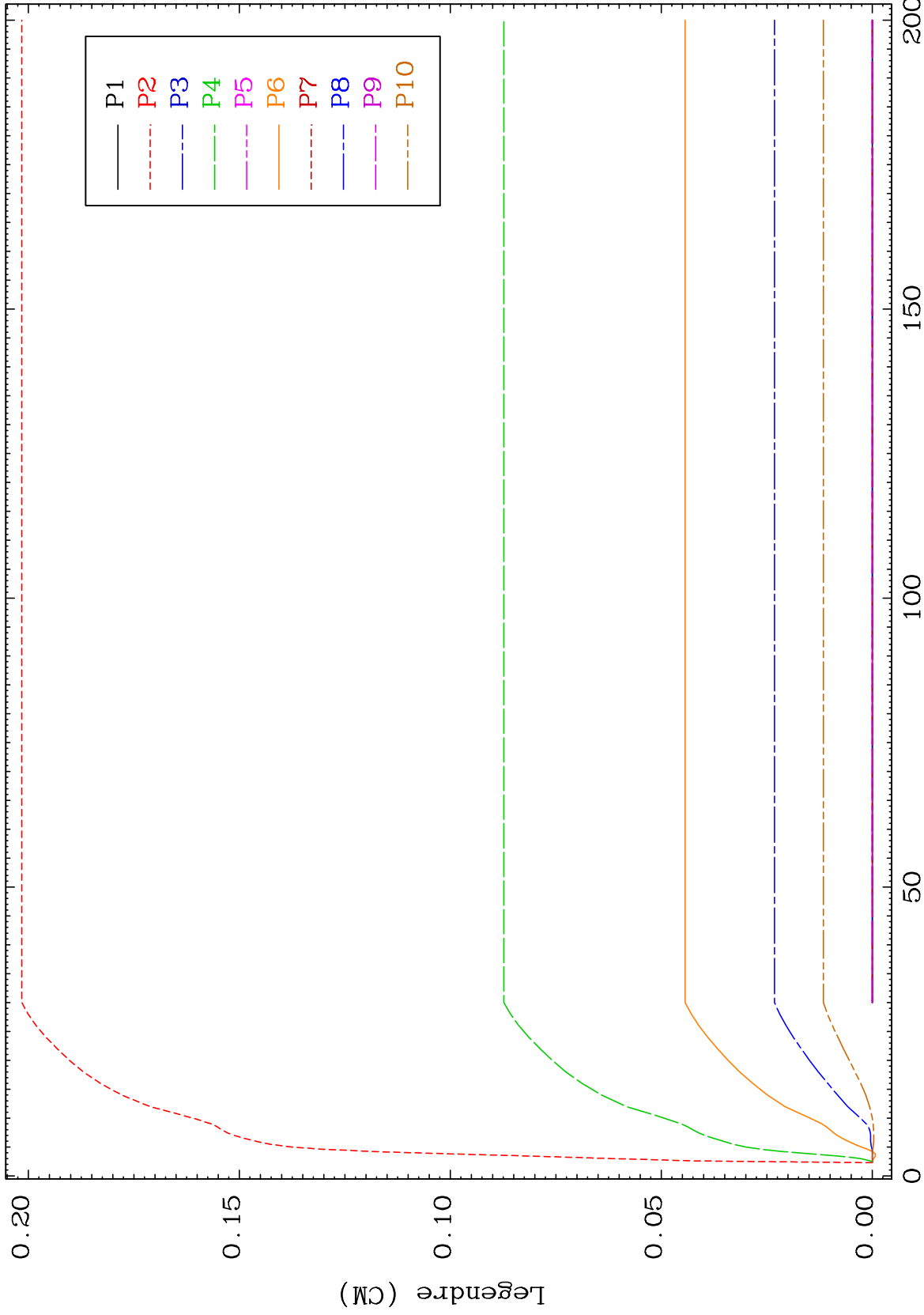


110 Incident Energy (MeV) 82-Pb-204

MAT 8225

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

82-Pb-204



111

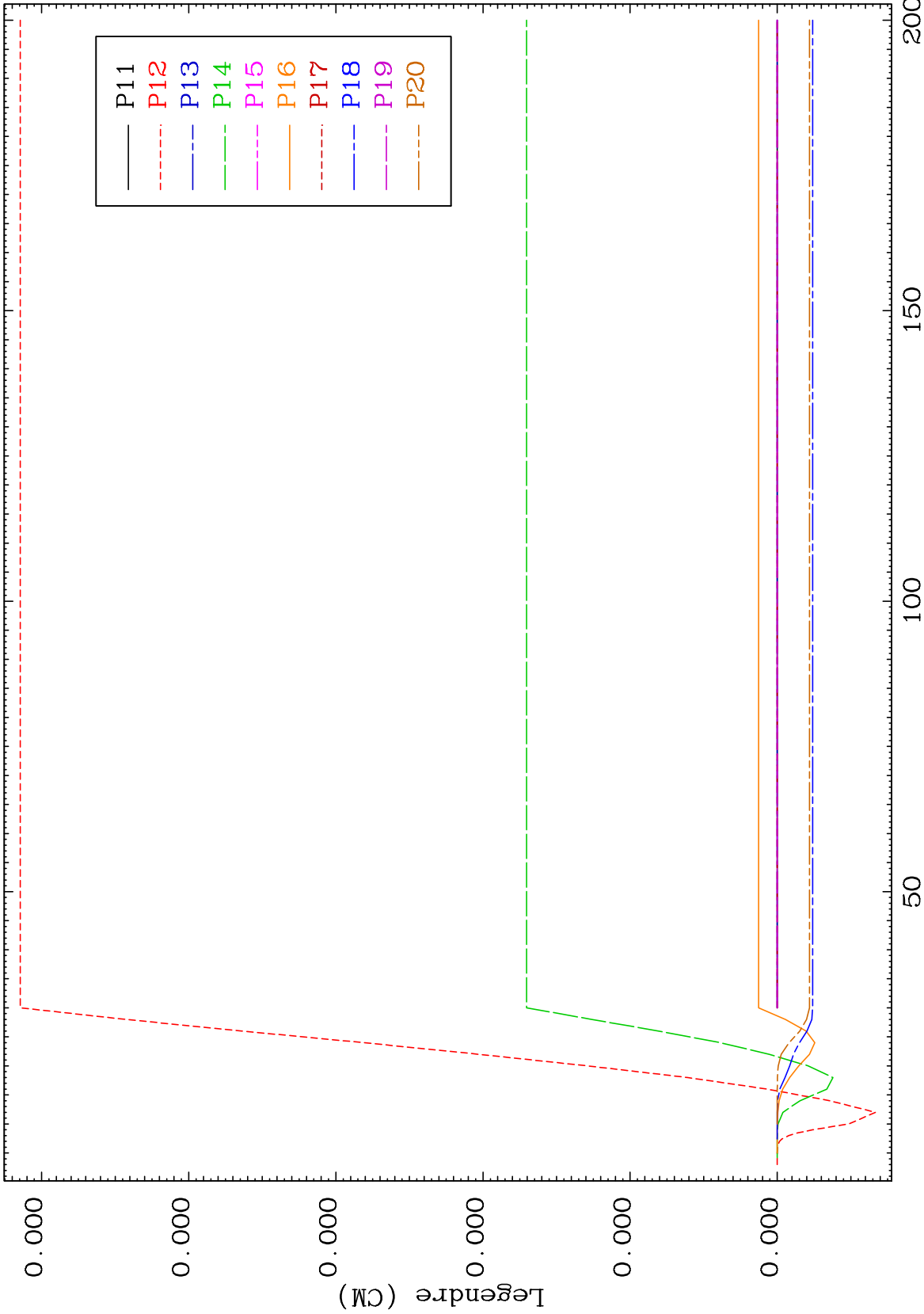
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



112

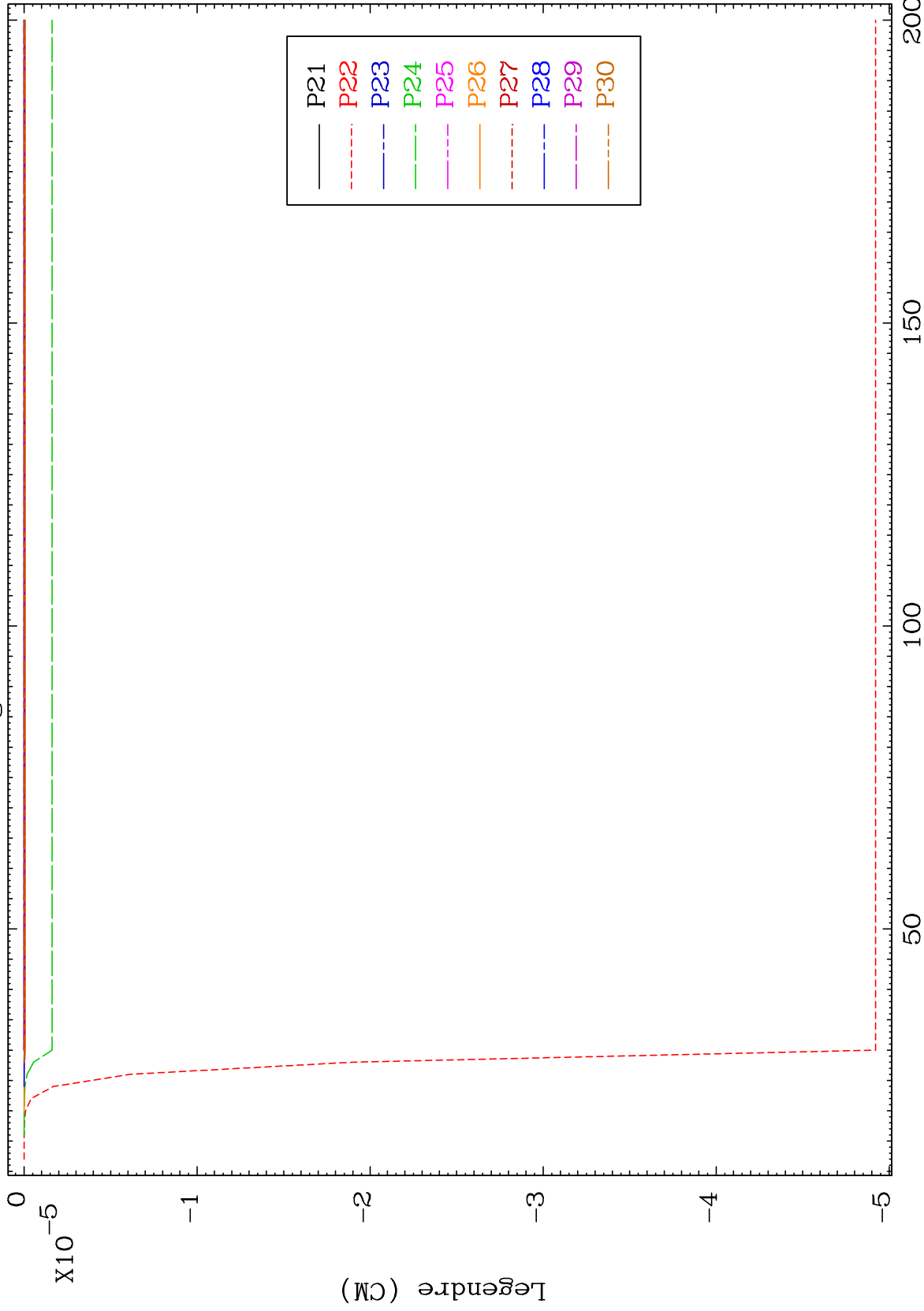
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

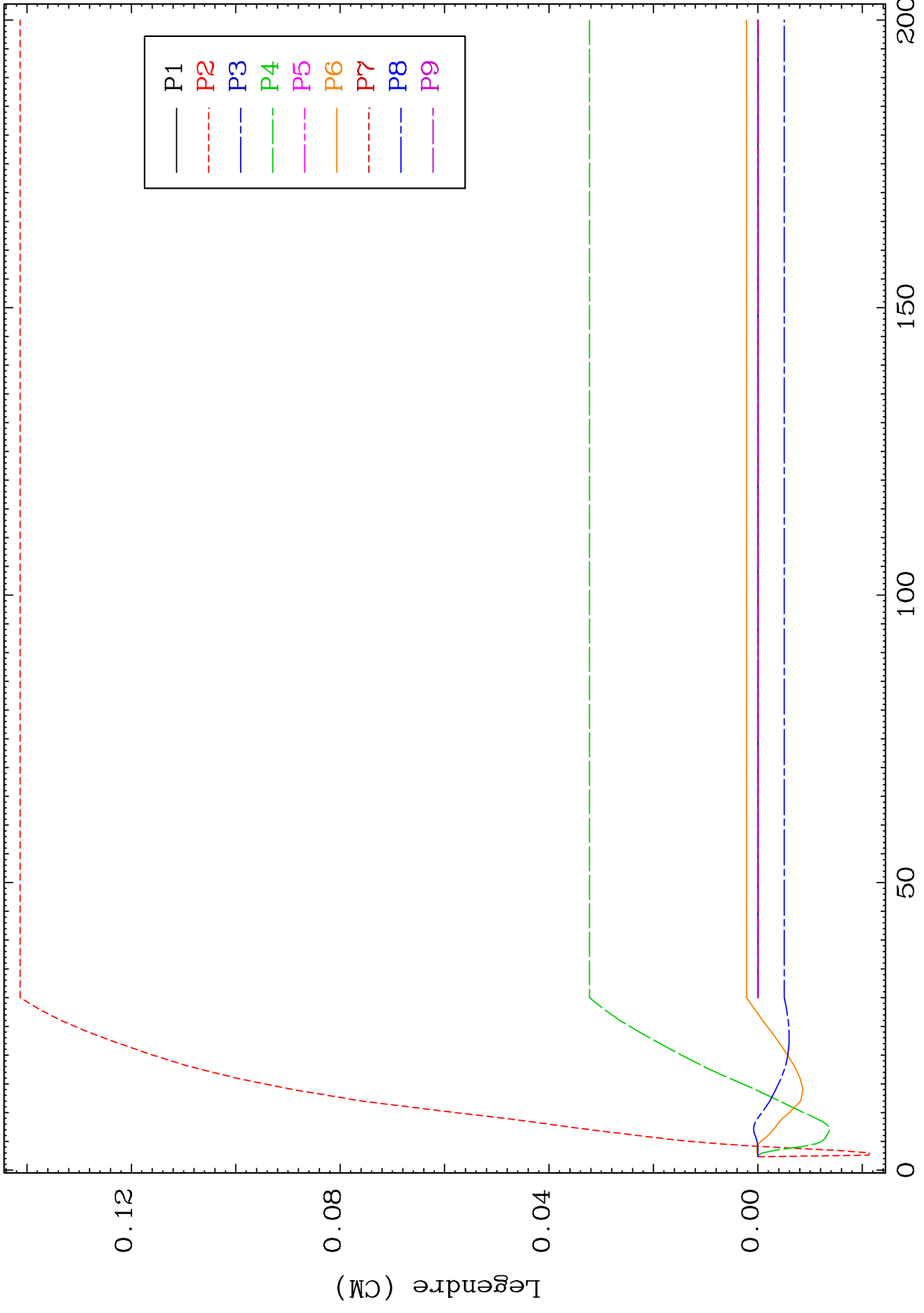
82-Pb-204



113

82-Pb-204

MAT 8225 MT= 77 (n,n') Level Legendre Coefficients 82-Pb-204

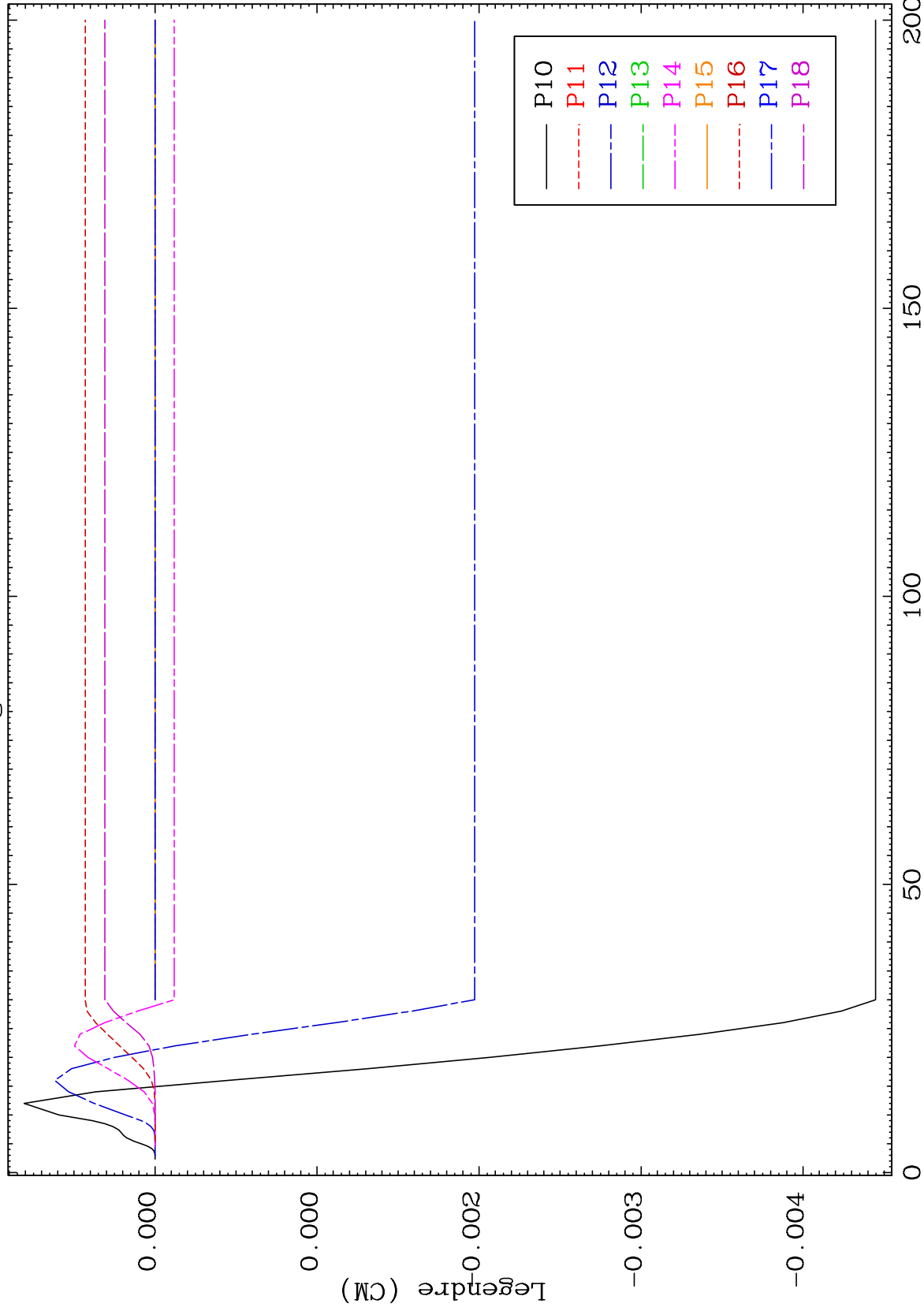


114 82-Pb-204

MAT 8225

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

82-Pb-204

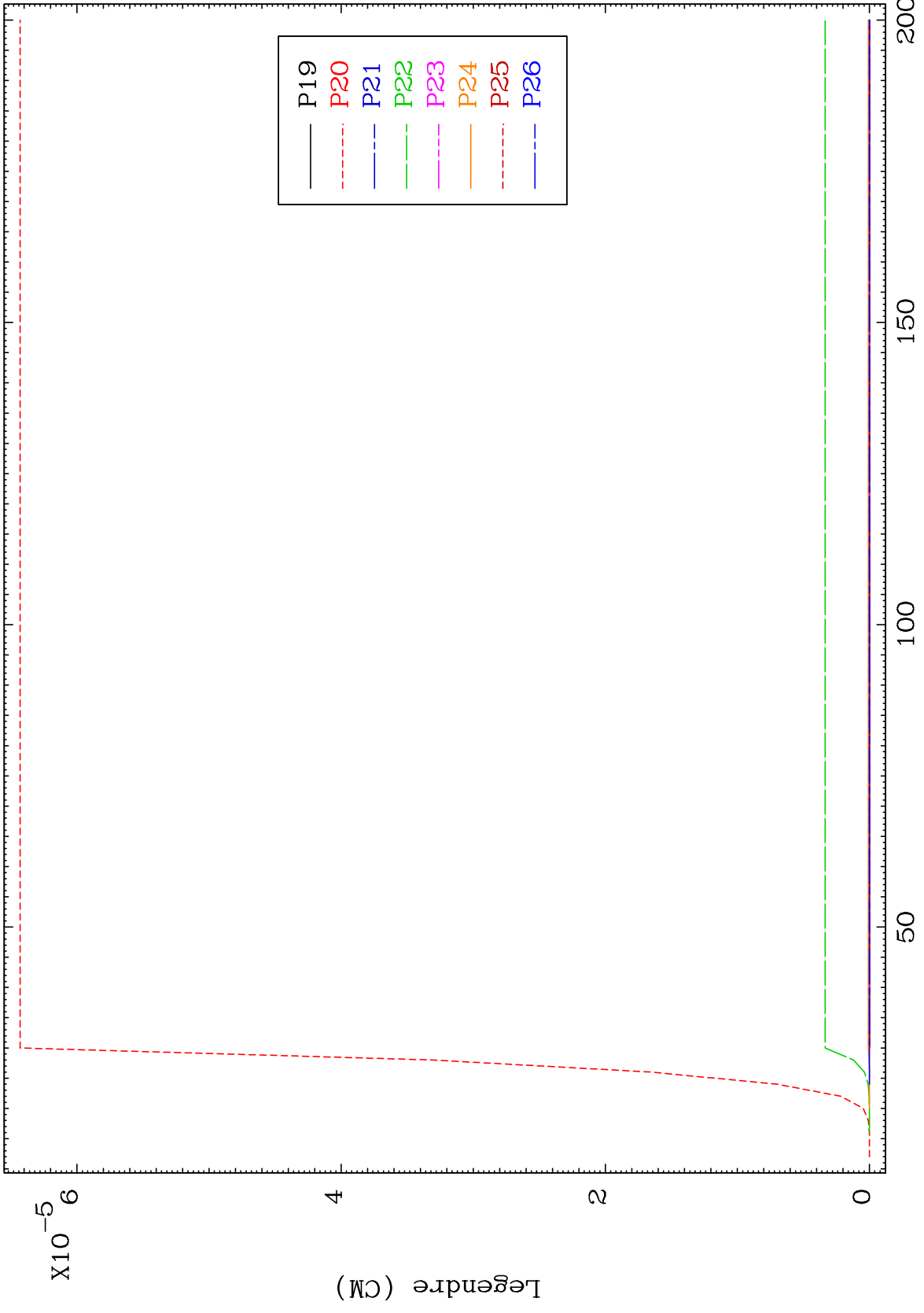


115

Incident Energy (MeV)

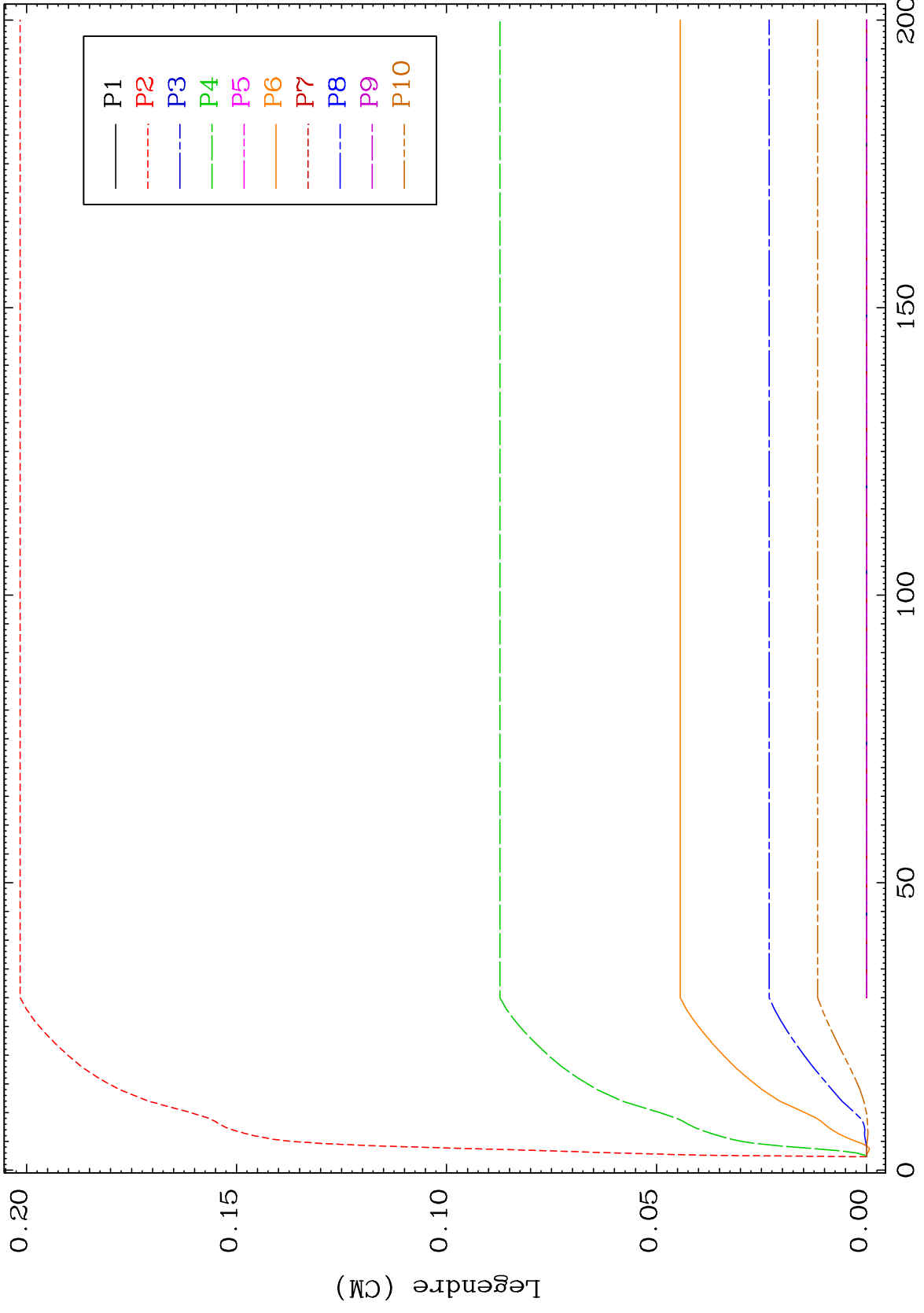
82-Pb-204

MAT 8225 MT= 77 (n,n') Level Legendre Coefficients 82-Pb-204



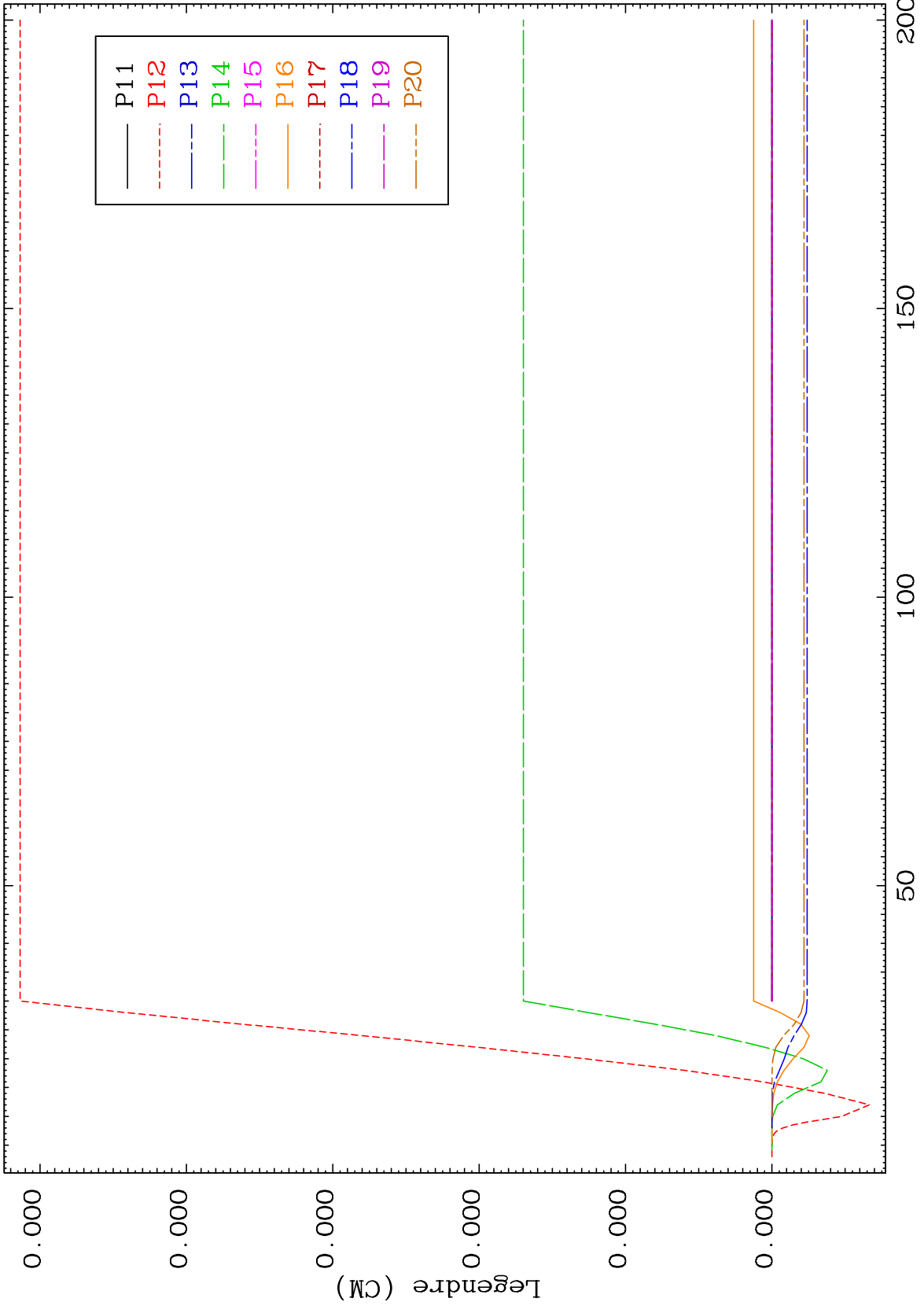
116 Incident Energy (MeV) 82-Pb-204

MAT 8225 MT= 78 (n,n') Level Legendre Coefficients 82-Pb-204



117 82-Pb-204

MAT 8225 MT= 78 (n,n') Level Legendre Coefficients 82-Pb-204

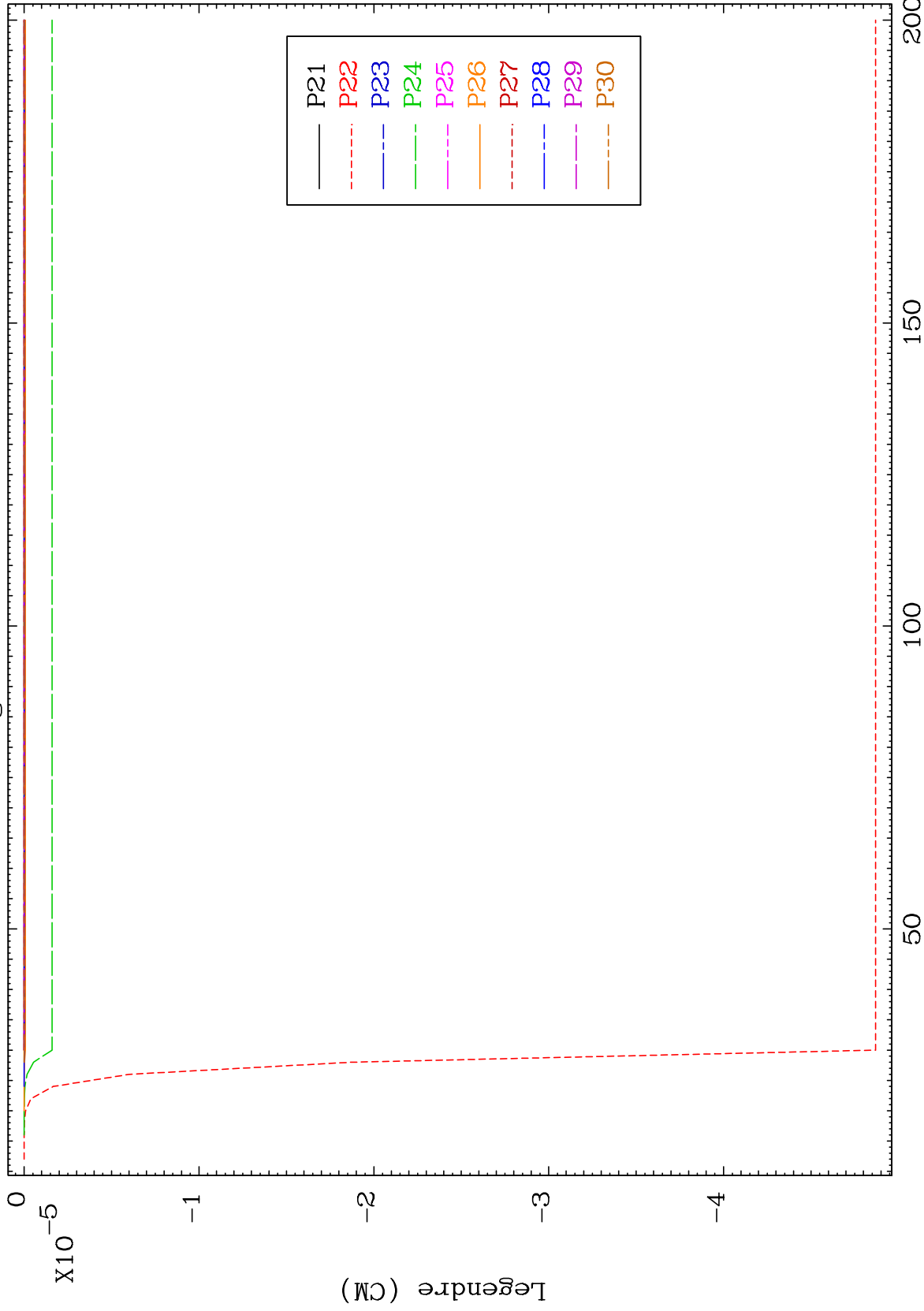


118 82-Pb-204

MAT 8225

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

82-Pb-204



119

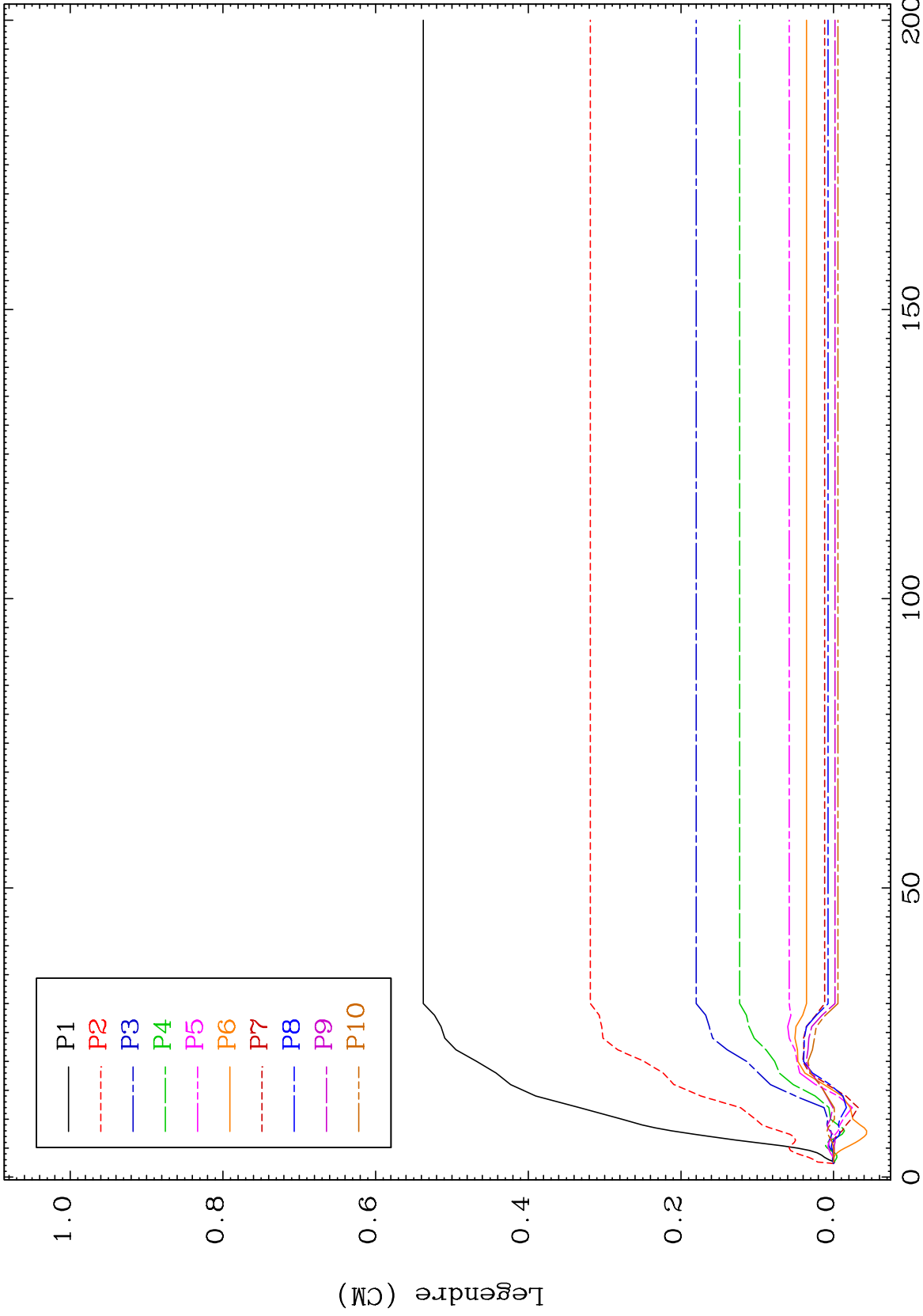
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



82-Pb-204

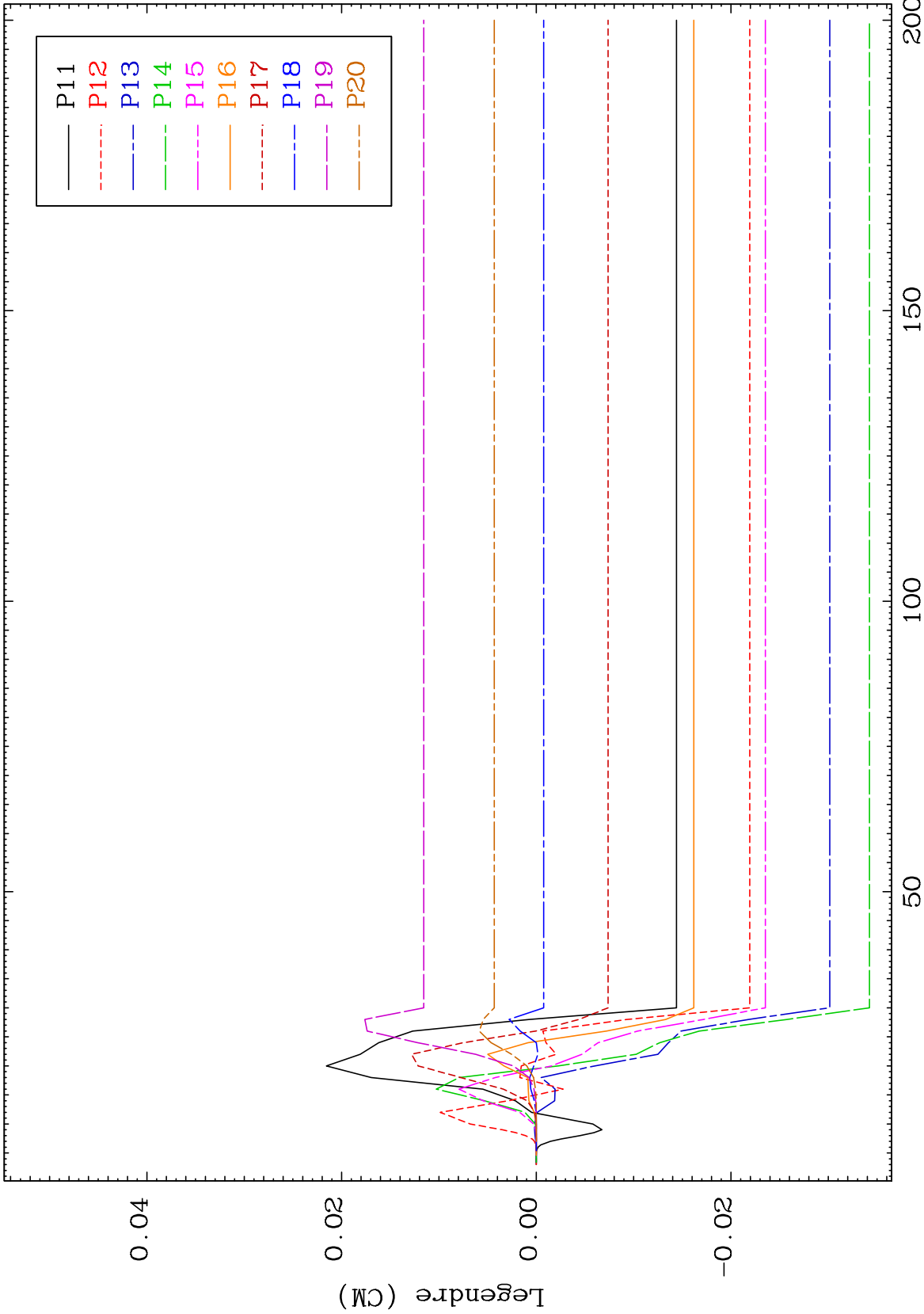
Incident Energy (MeV)

120

MAT 8225

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

82-Pb-204



121

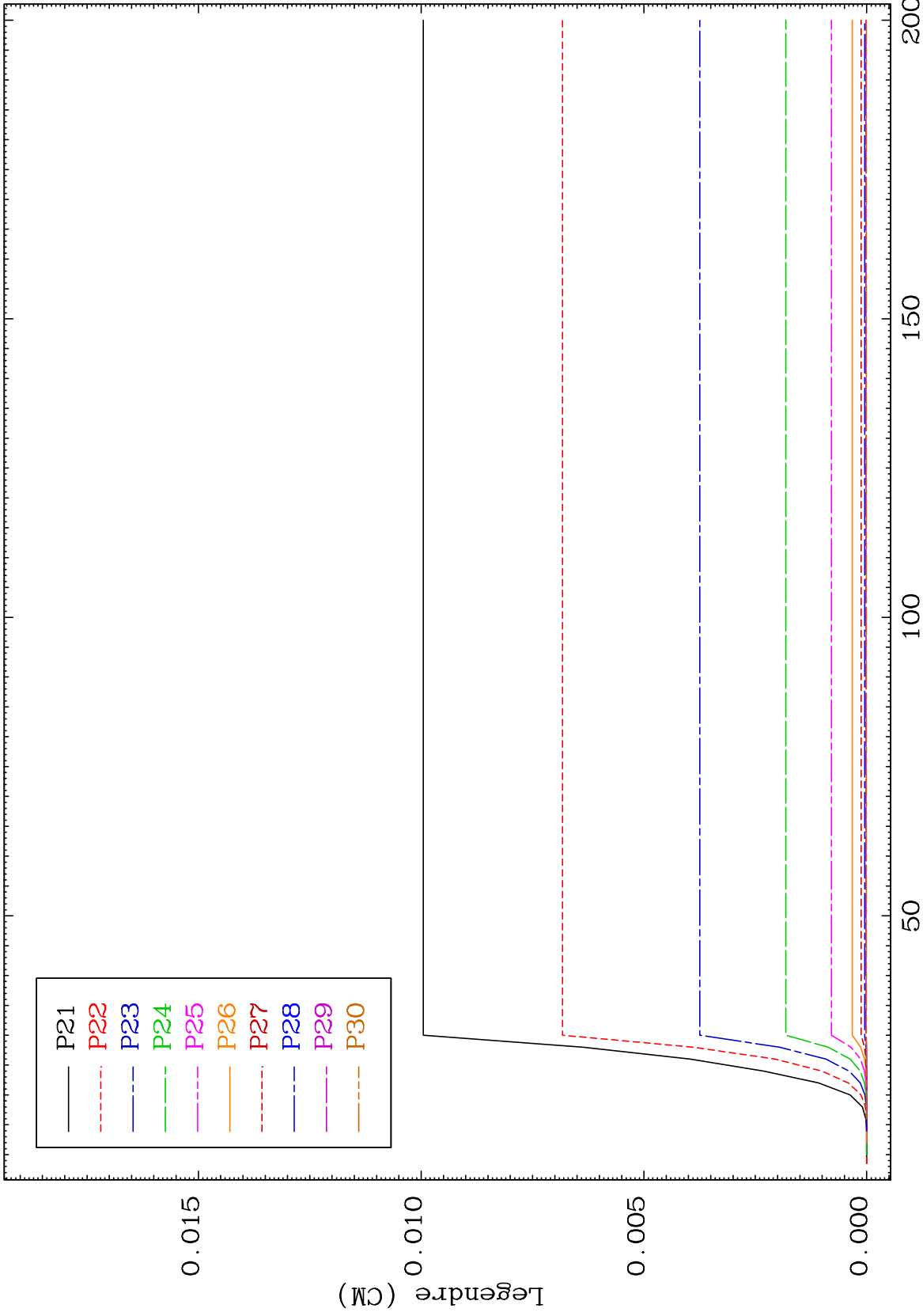
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



122

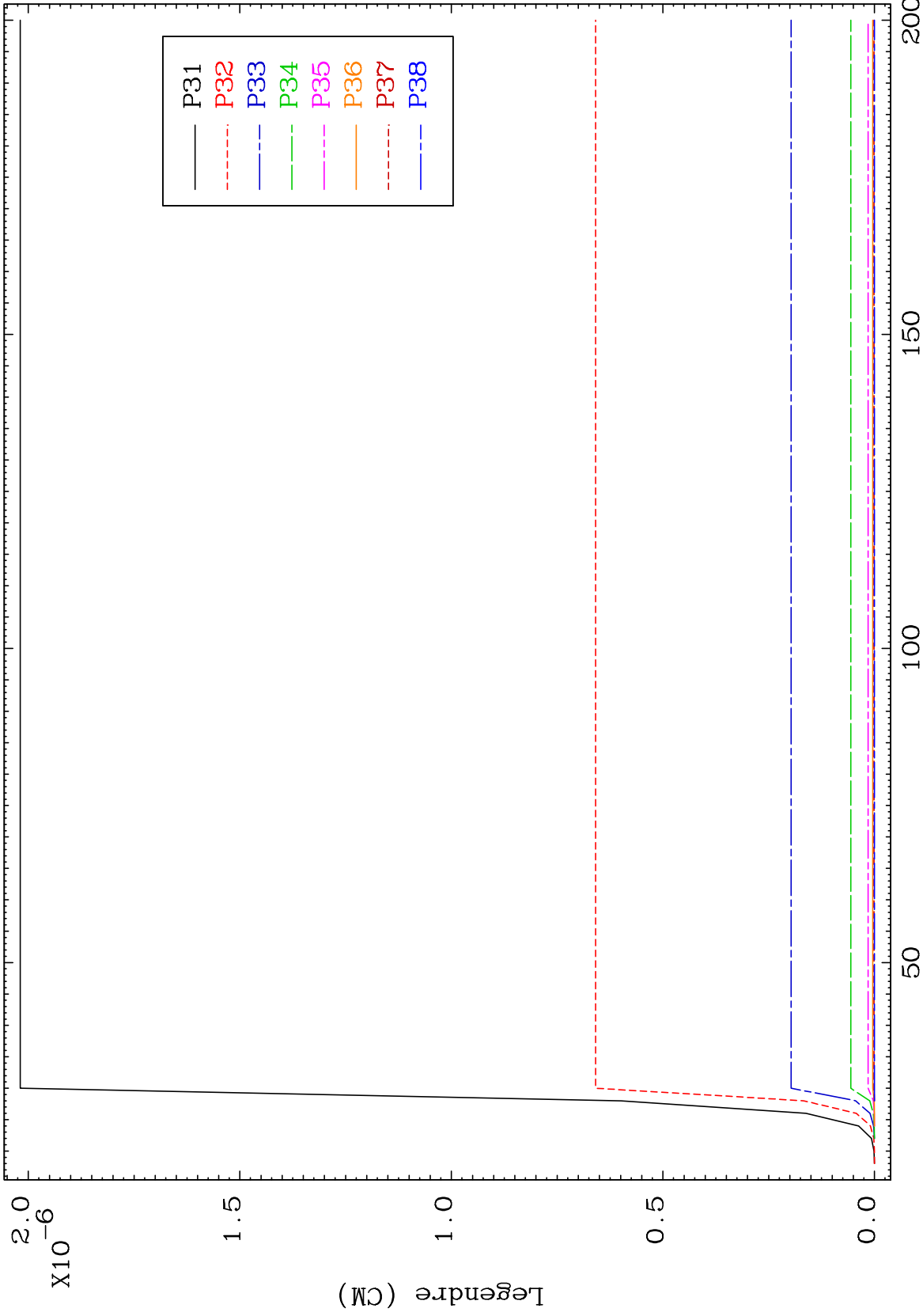
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204

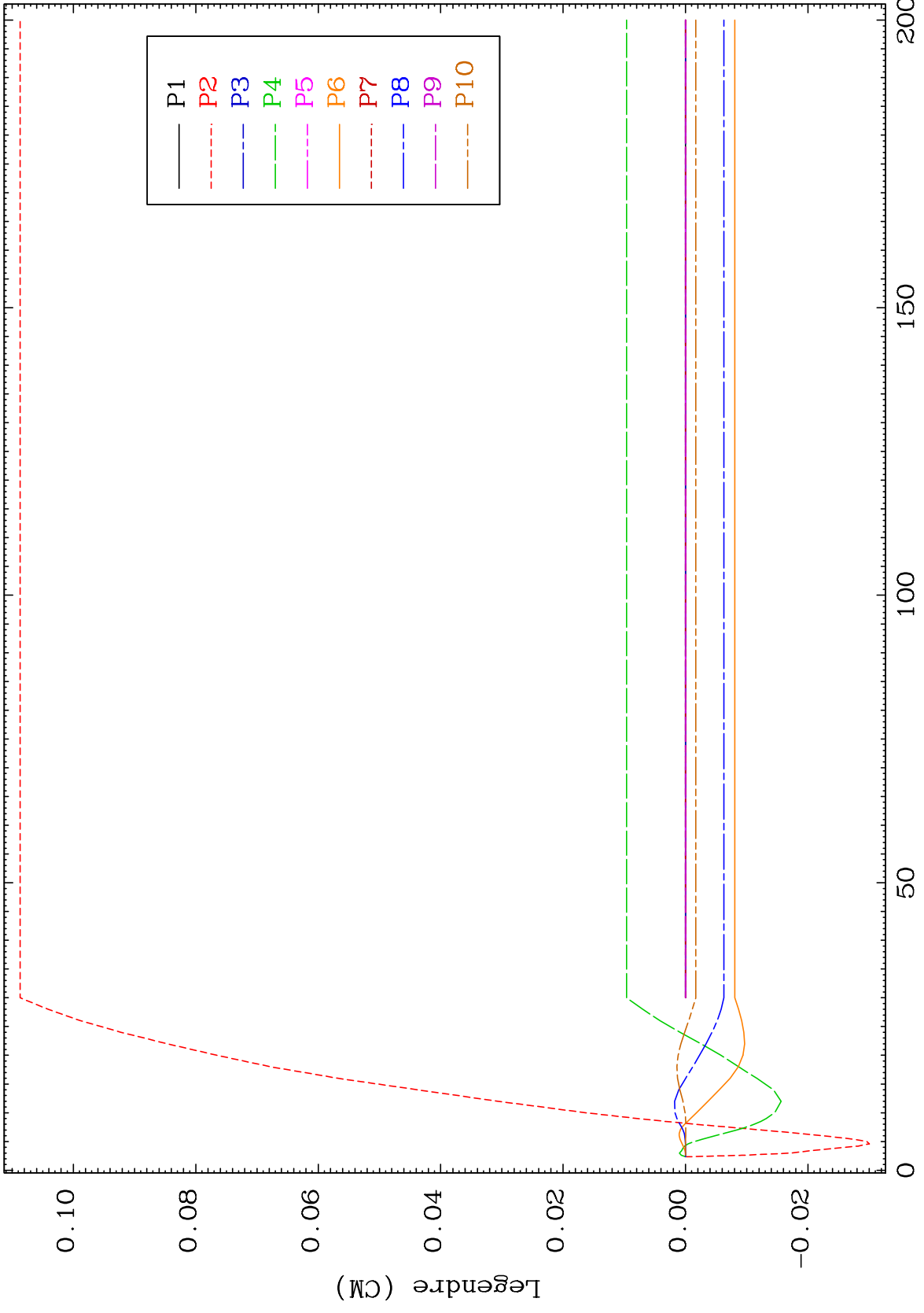


123

Incident Energy (MeV)

82-Pb-204

MAT 8225 MT= 80 (n,n') Level Legendre Coefficients 82-Pb-204

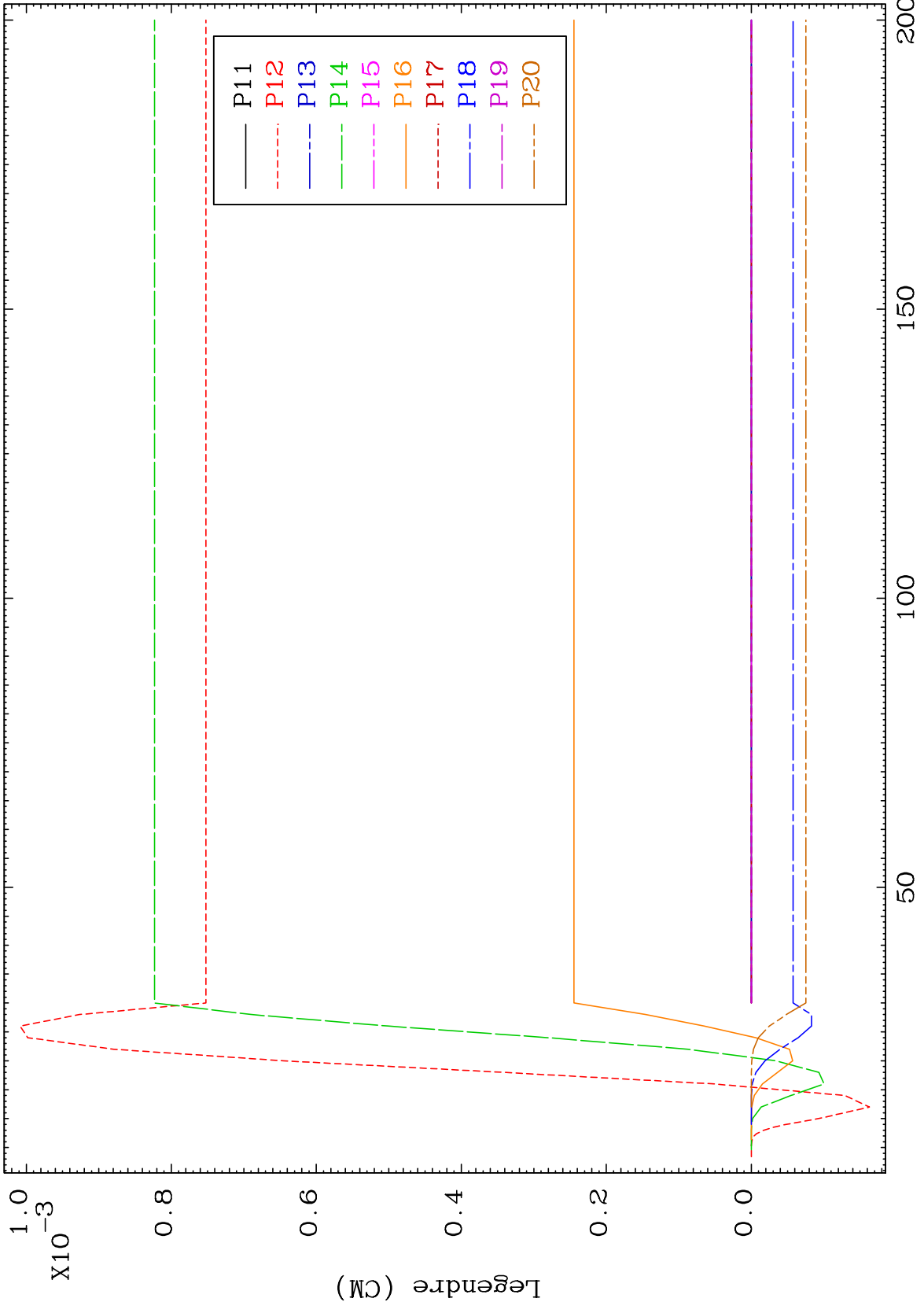


124 82-Pb-204

MAT 8225

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

82-Pb-204

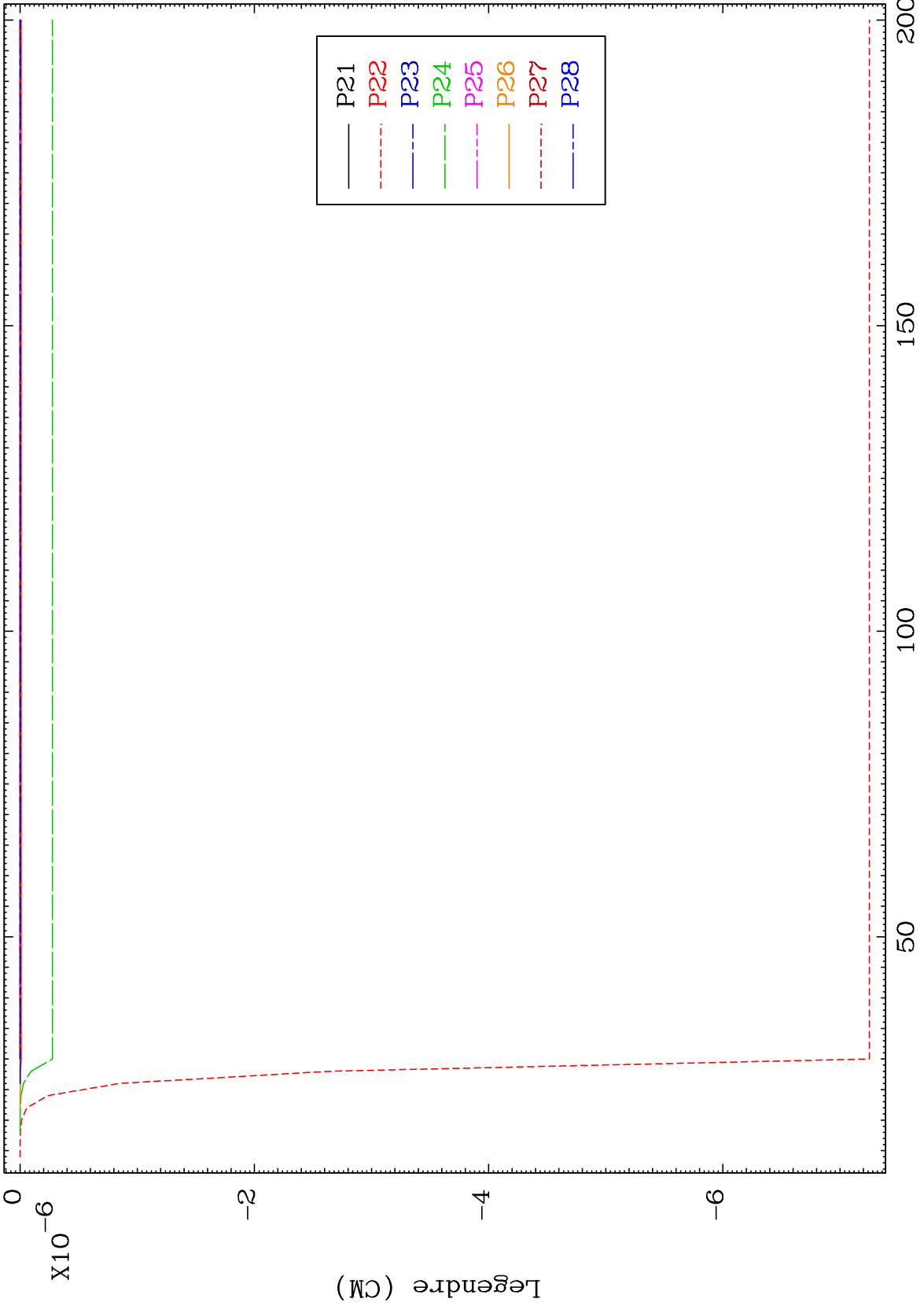


125

Incident Energy (MeV)

82-Pb-204

MAT 8225 MT= 80 (n, n') Level Legendre Coefficients 82-Pb-204

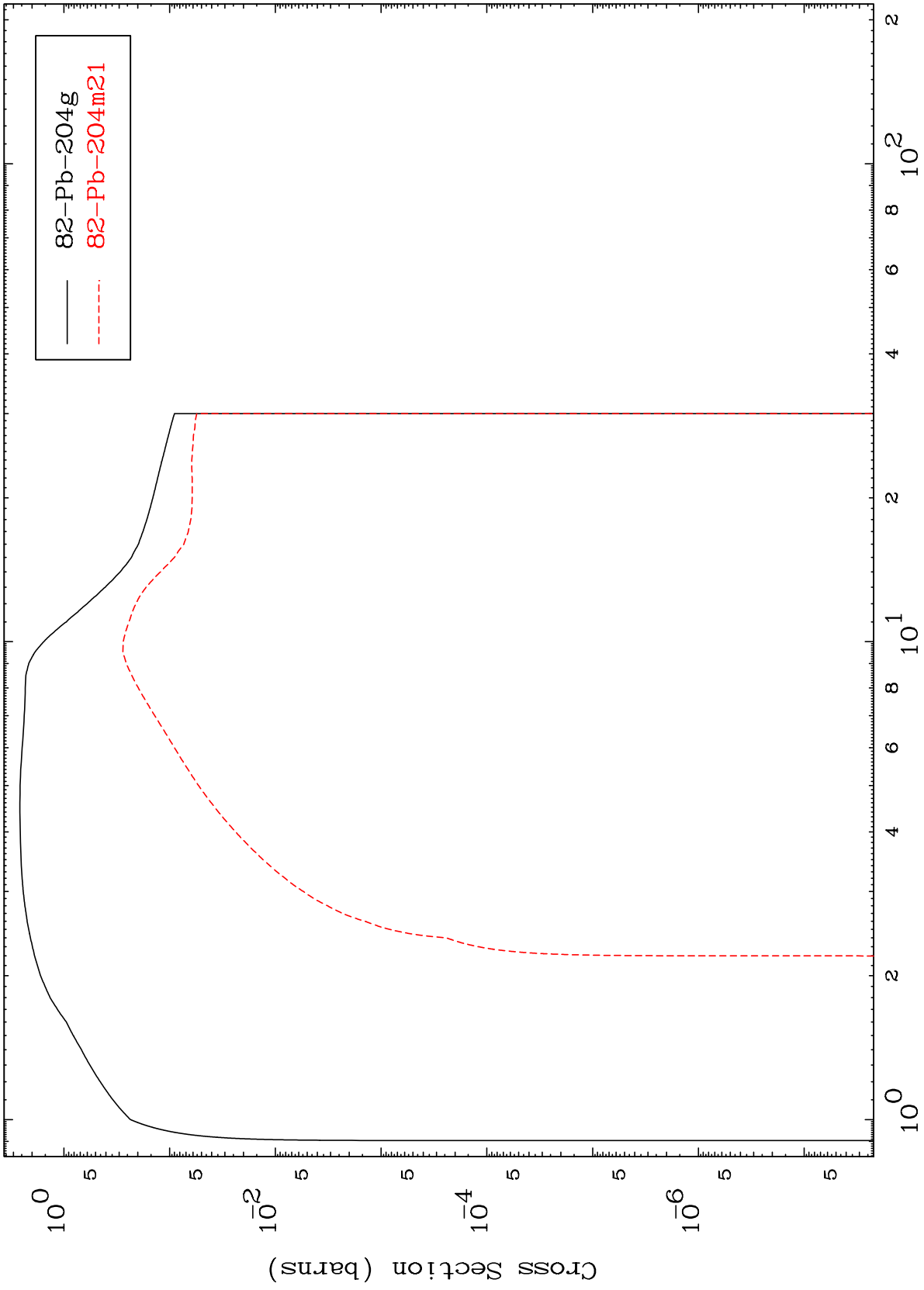


126 Incident Energy (MeV) 82-Pb-204

MAT 8225

Inelastic Radionuclide Production Cross Section

82-Pb-204



127

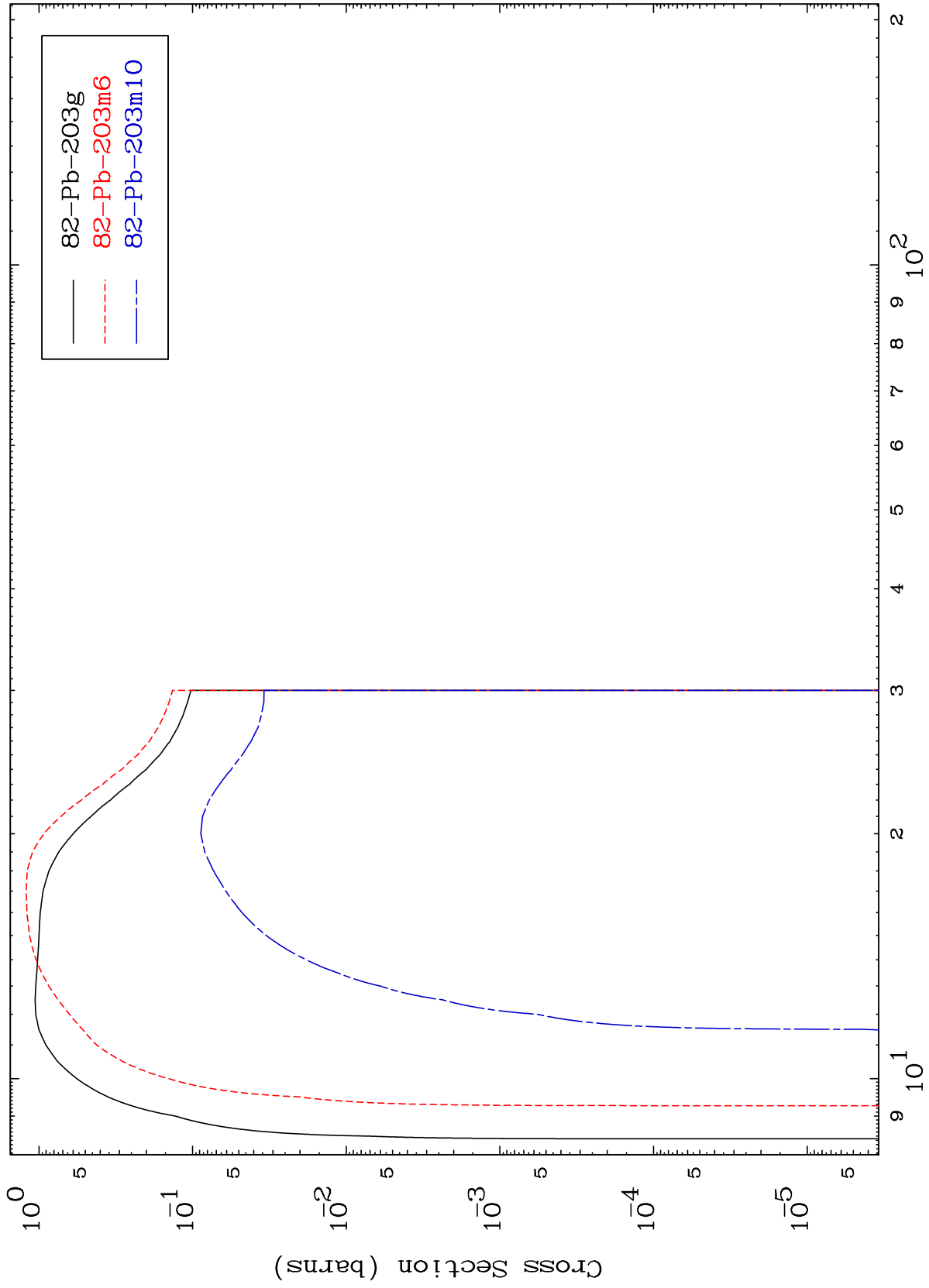
Incident Energy (MeV)

82-Pb-204

MAT 8225

82-Pb-204

(n,2n)
Radionuclide Production Cross Section



128

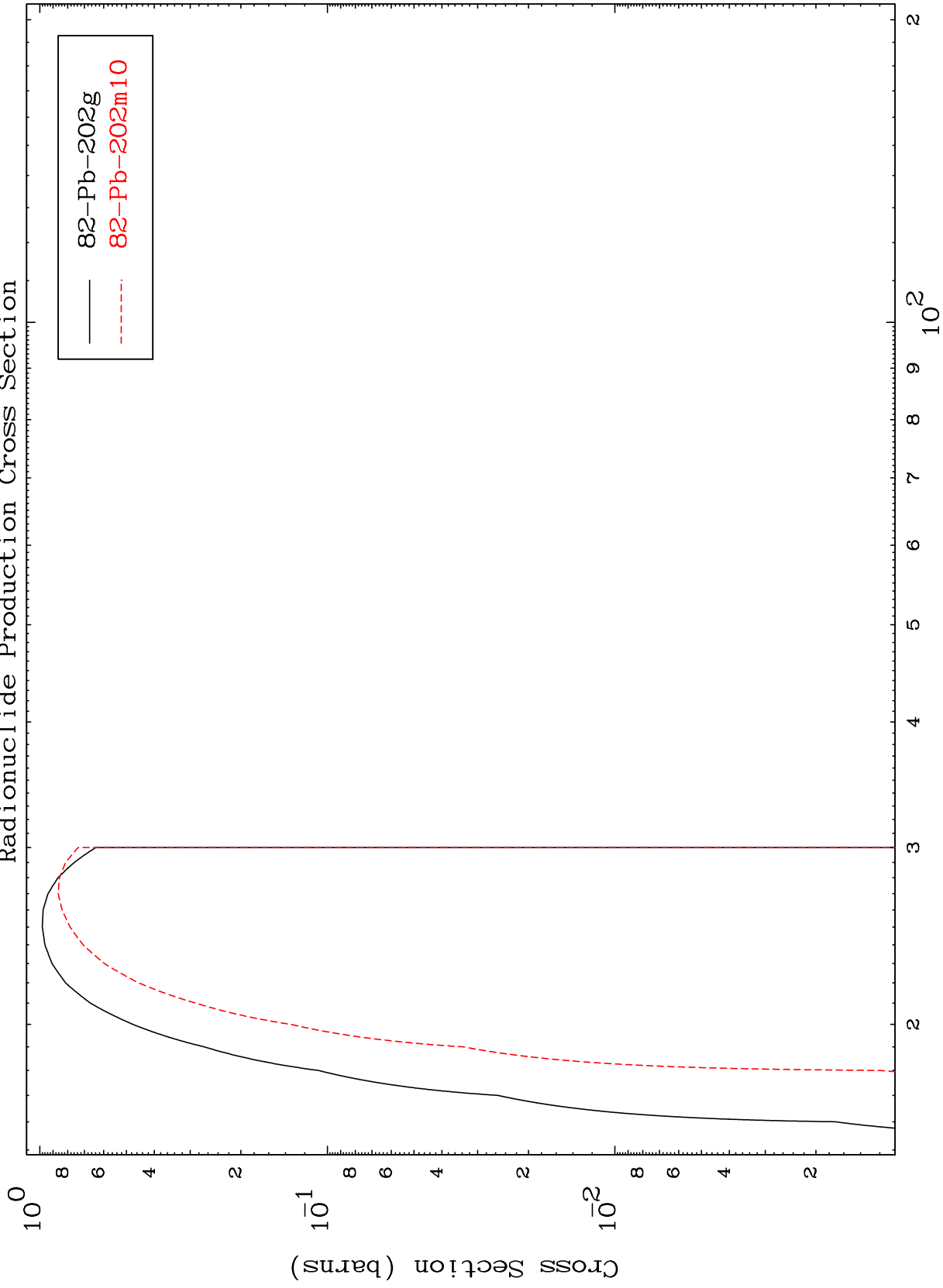
82-Pb-204

Incident Energy (MeV)

MAT 8225

82-Pb-204

(n,3n)
Radionuclide Production Cross Section



129

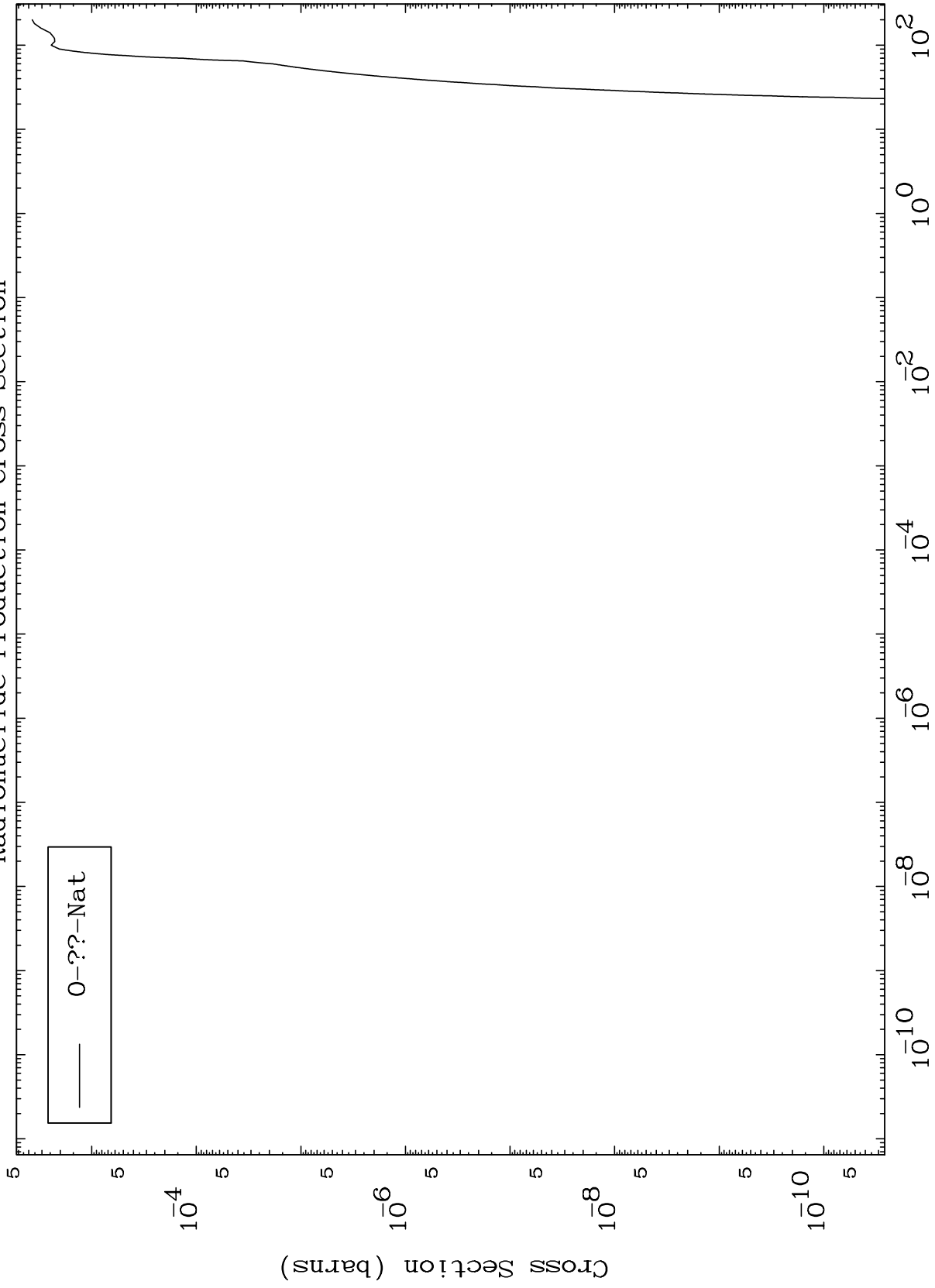
Incident Energy (MeV)

82-Pb-204

MAT 8225

Fission
Radionuclide Production Cross Section

82-Pb-204



130

Incident Energy (MeV)

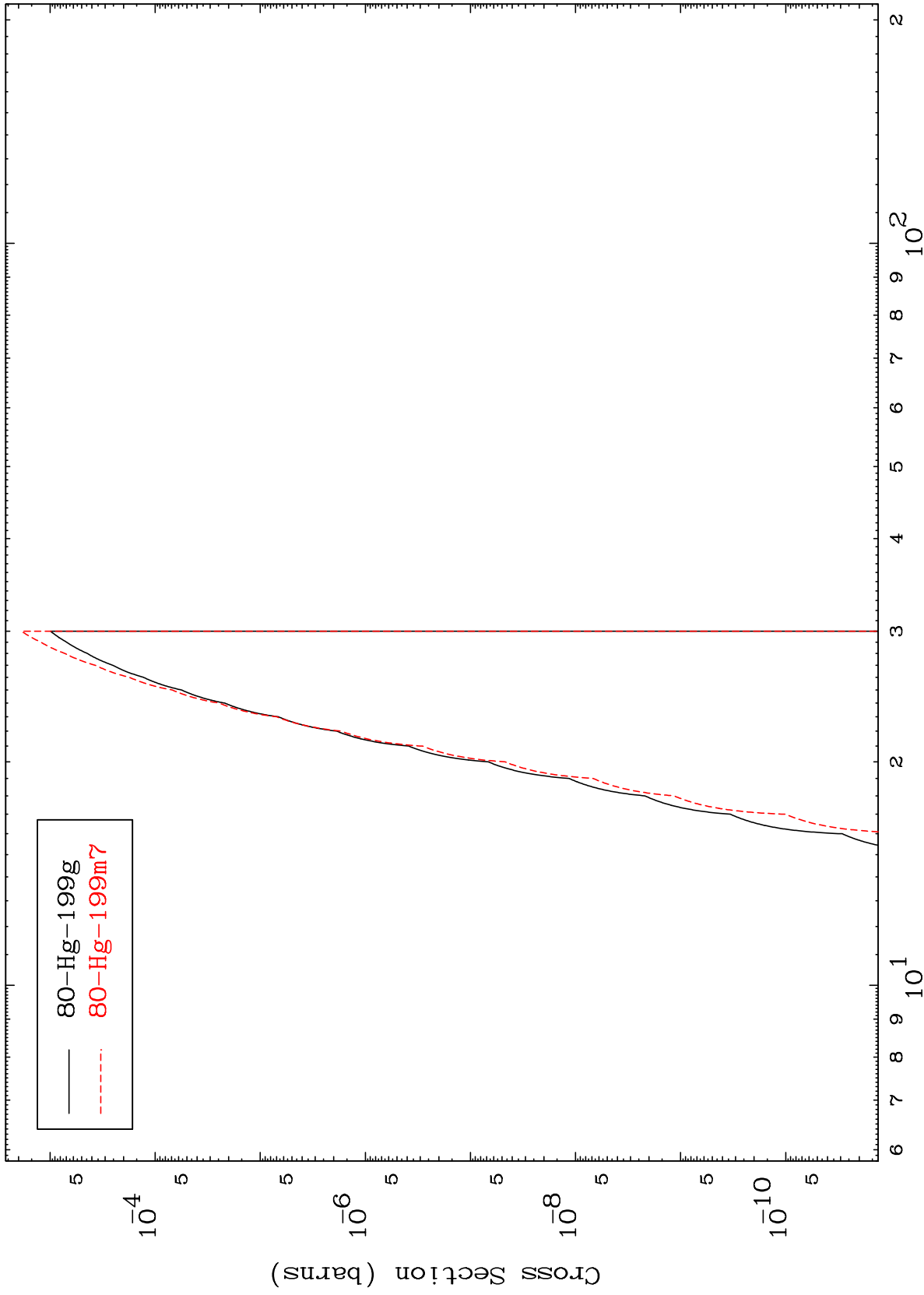
82-Pb-204

MAT 8225

$(n, 2n) \alpha$

$^{82}\text{Pb-204}$

Radionuclide Production Cross Section



131

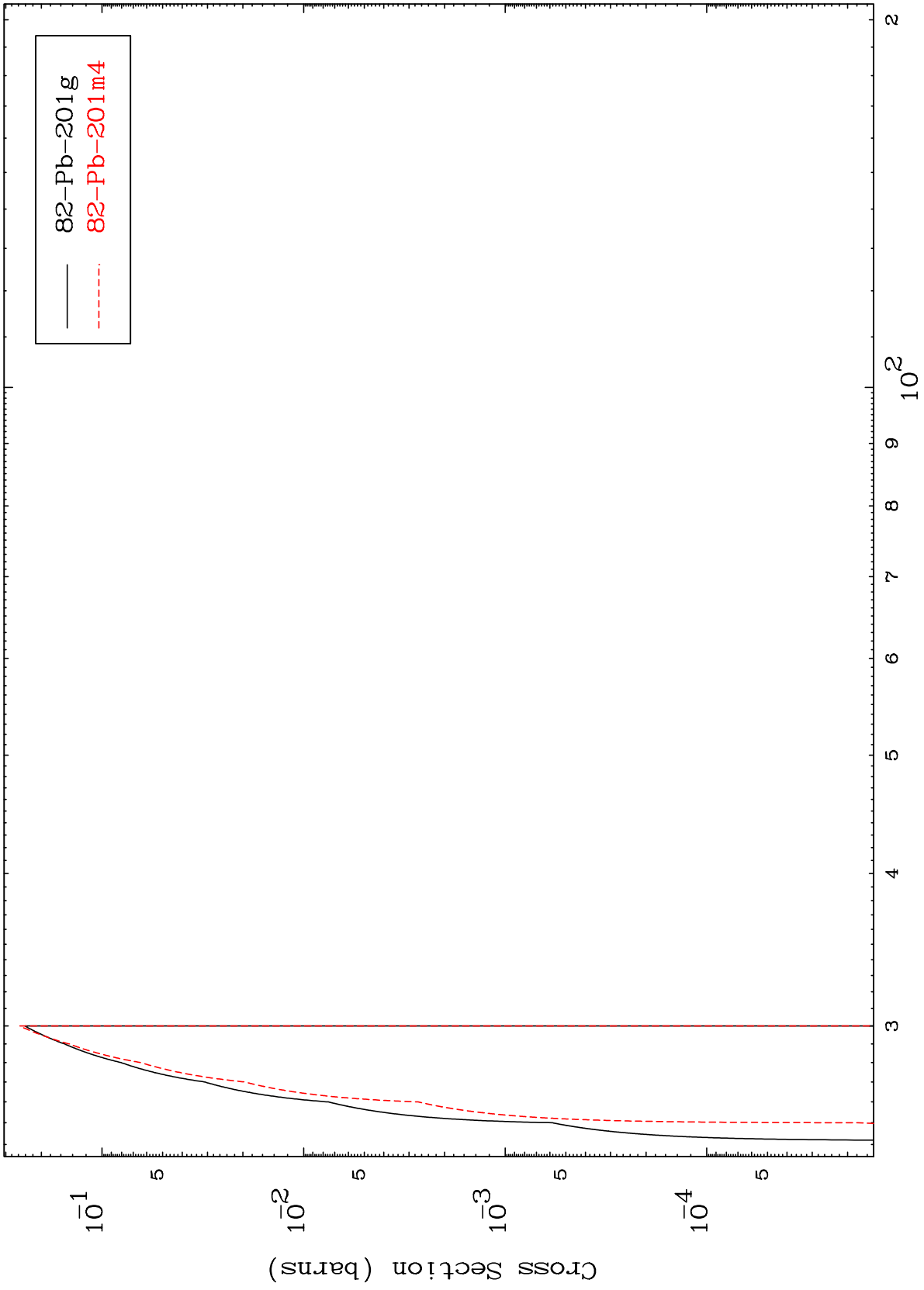
Incident Energy (MeV)

$^{82}\text{Pb-204}$

MAT 8225

82-Pb-204

(n,4n)
Radionuclide Production Cross Section



132

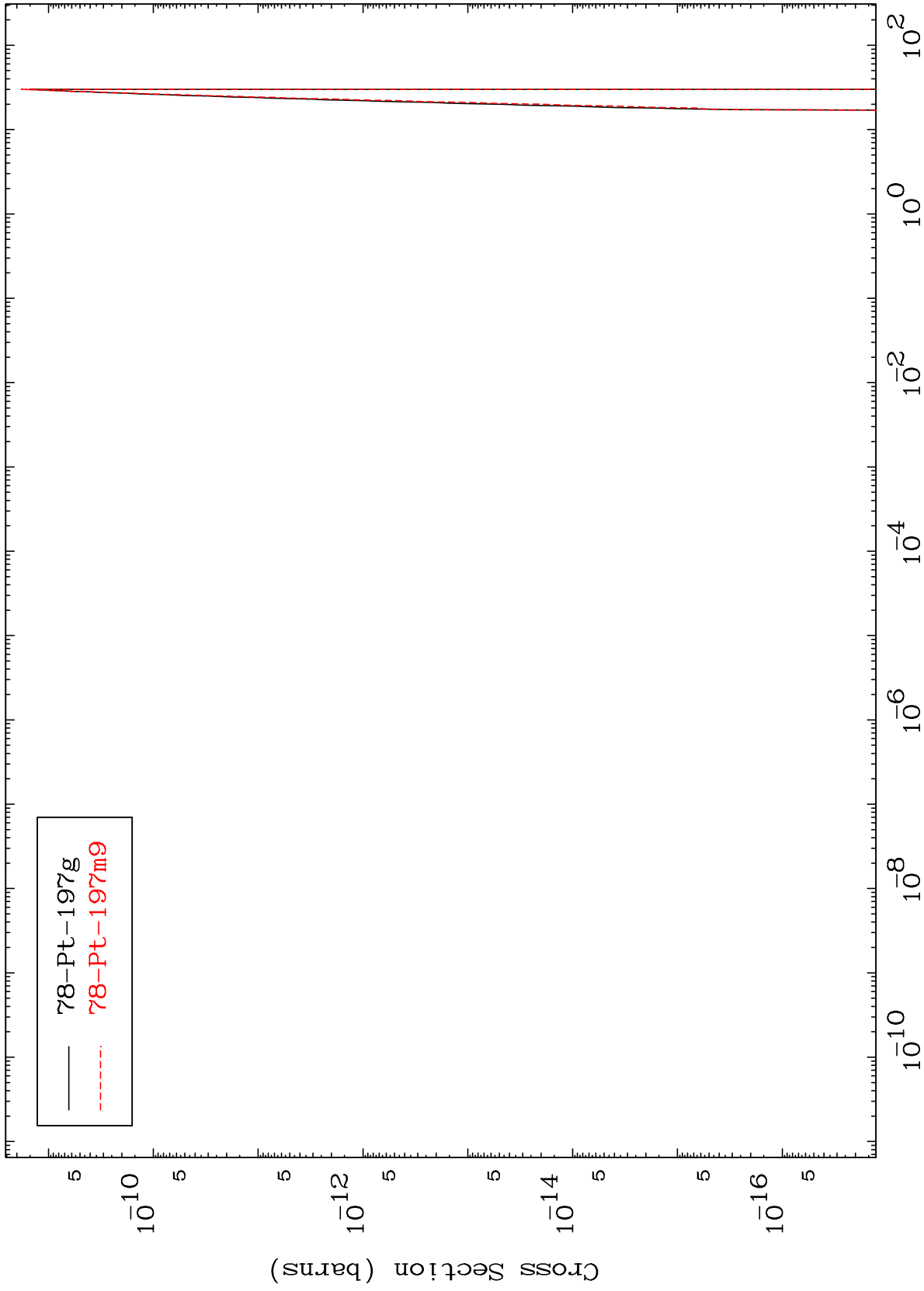
82-Pb-204

MAT 8225

(n,2α)

82-Pb-204

Radionuclide Production Cross Section



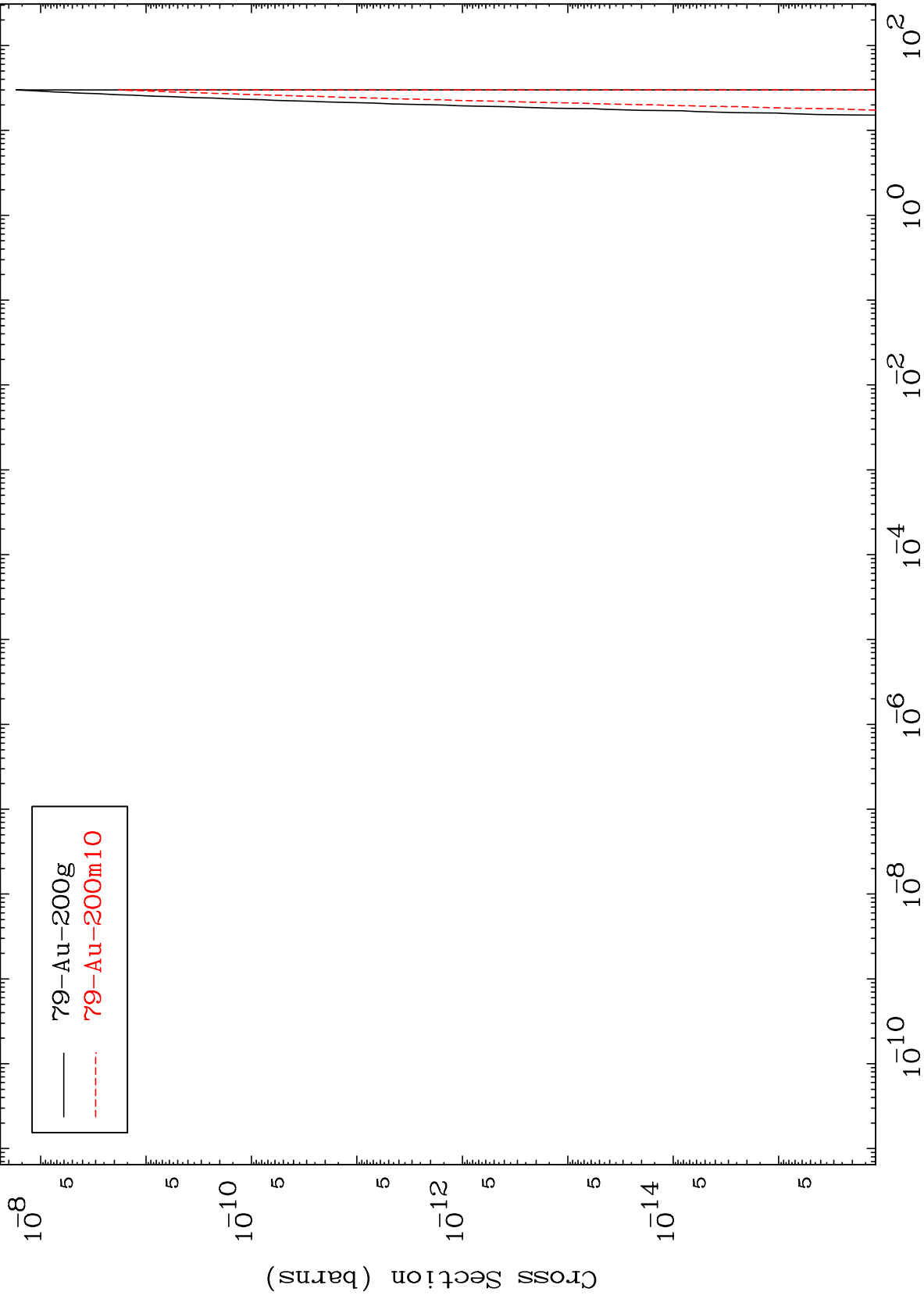
82-Pb-204

MAT 8225

(n,p) α

82-Pb-204

Radionuclide Production Cross Section



134

82-Pb-204