

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

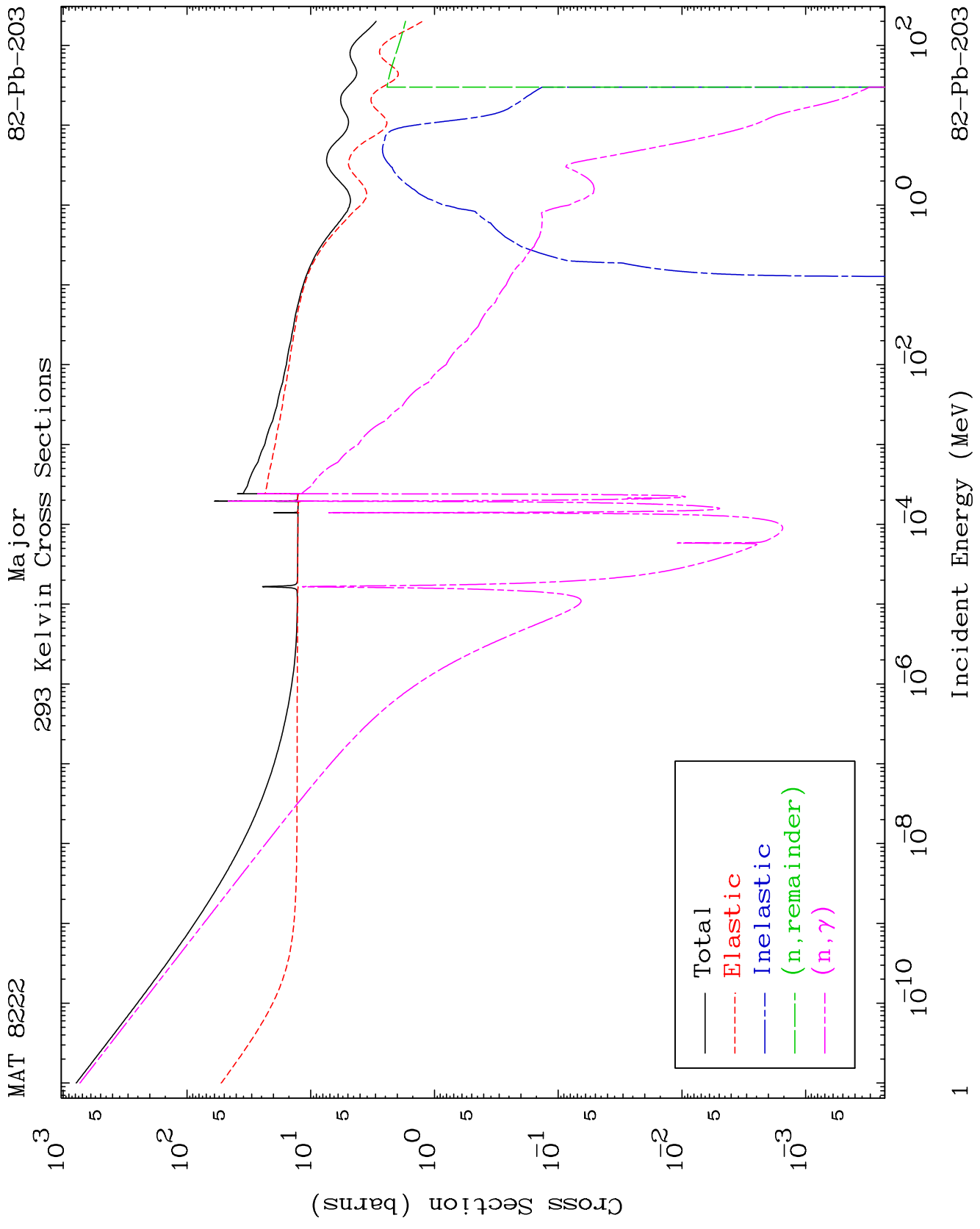
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

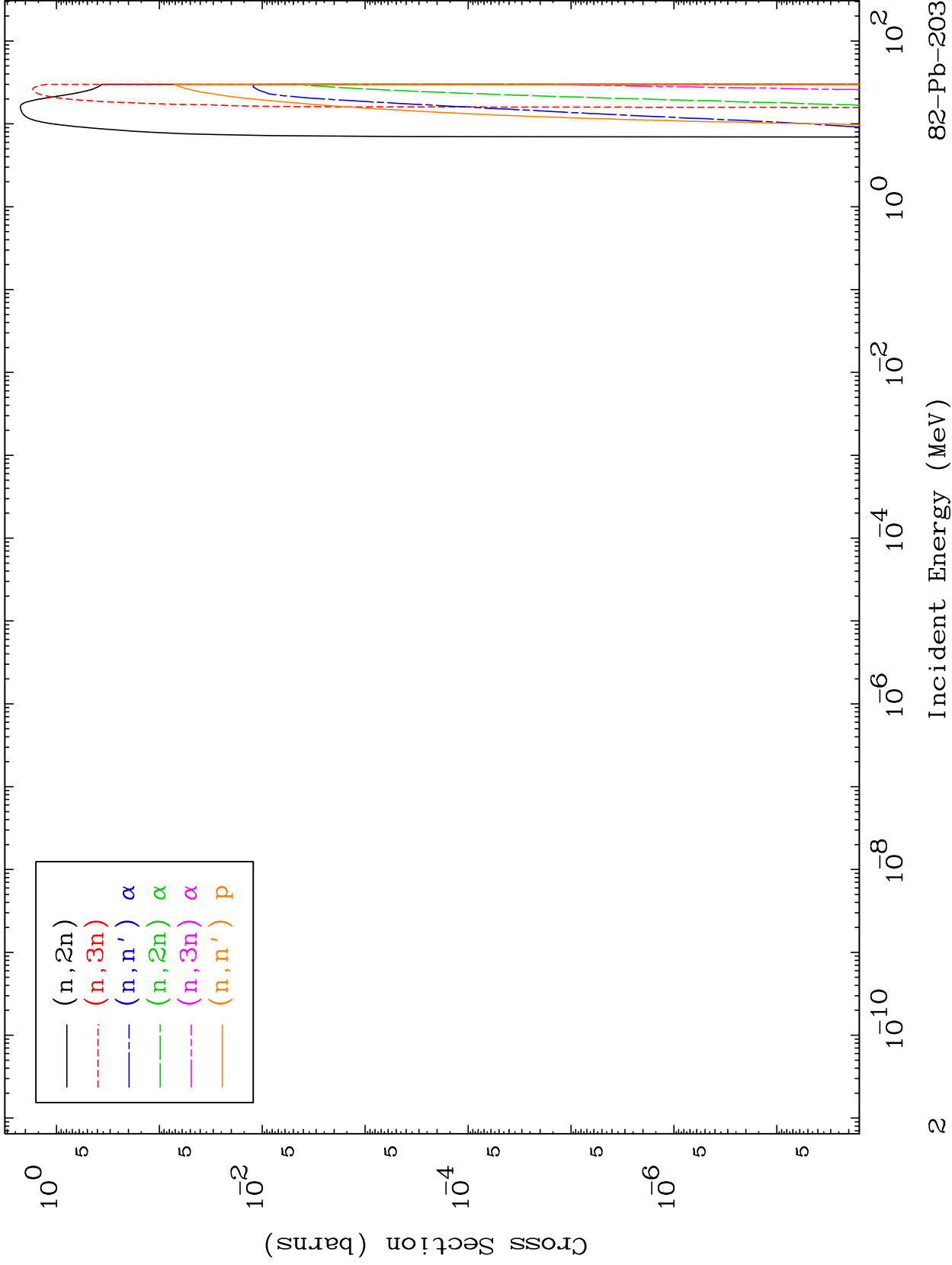
Press Mouse Button to Start



MAT 8222

Neutron Production
293 Kelvin Cross Sections

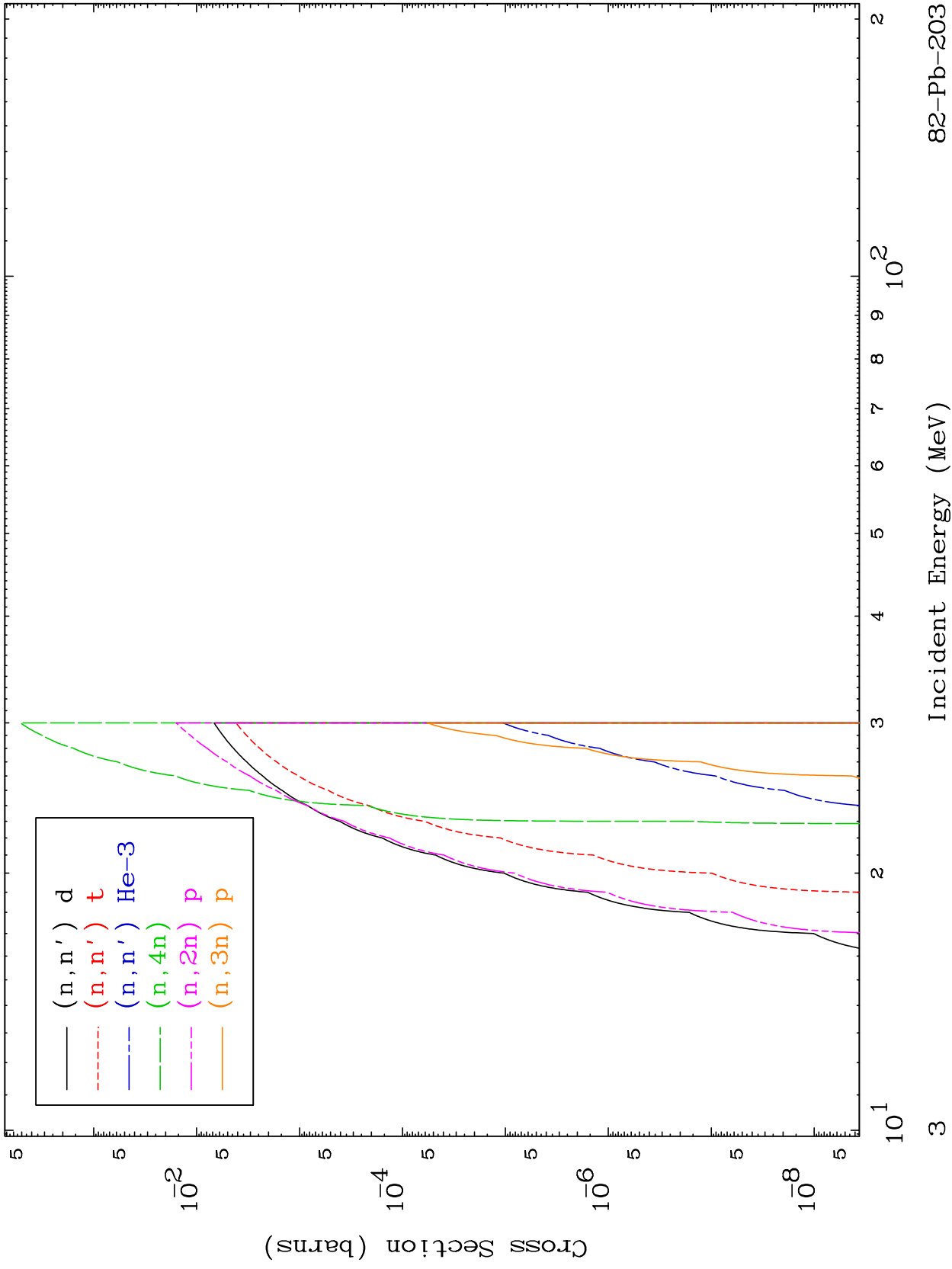
82-Pb-203



MAT 8222

Neutron Production
293 Kelvin Cross Sections

82-Pb-203



82-Pb-203

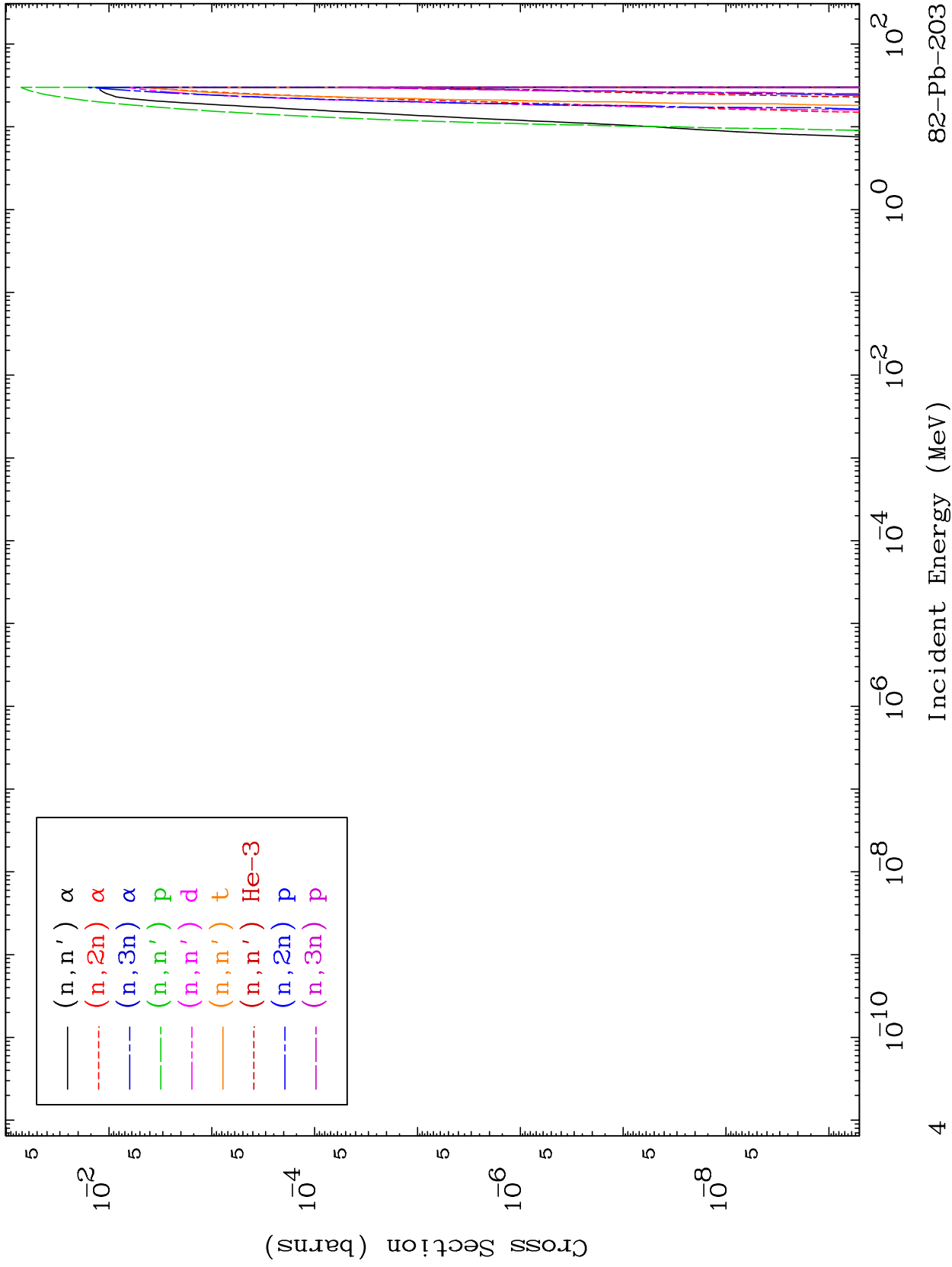
Incident Energy (MeV)

3

MAT 8222

Charged Particle
293 Kelvin Cross Sections

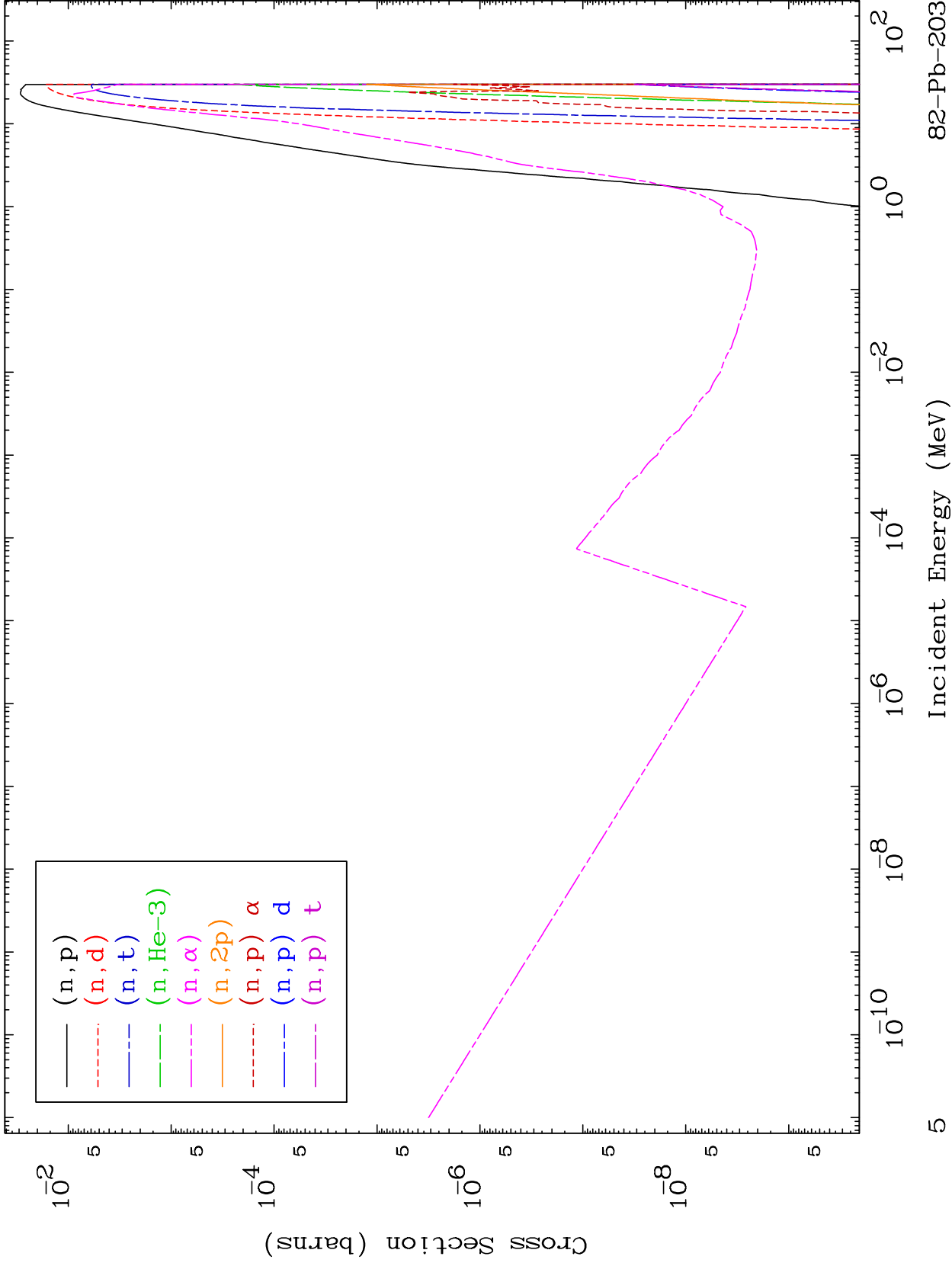
82-Pb-203



MAT 8222

Charged Particle
293 Kelvin Cross Sections

82-Pb-203

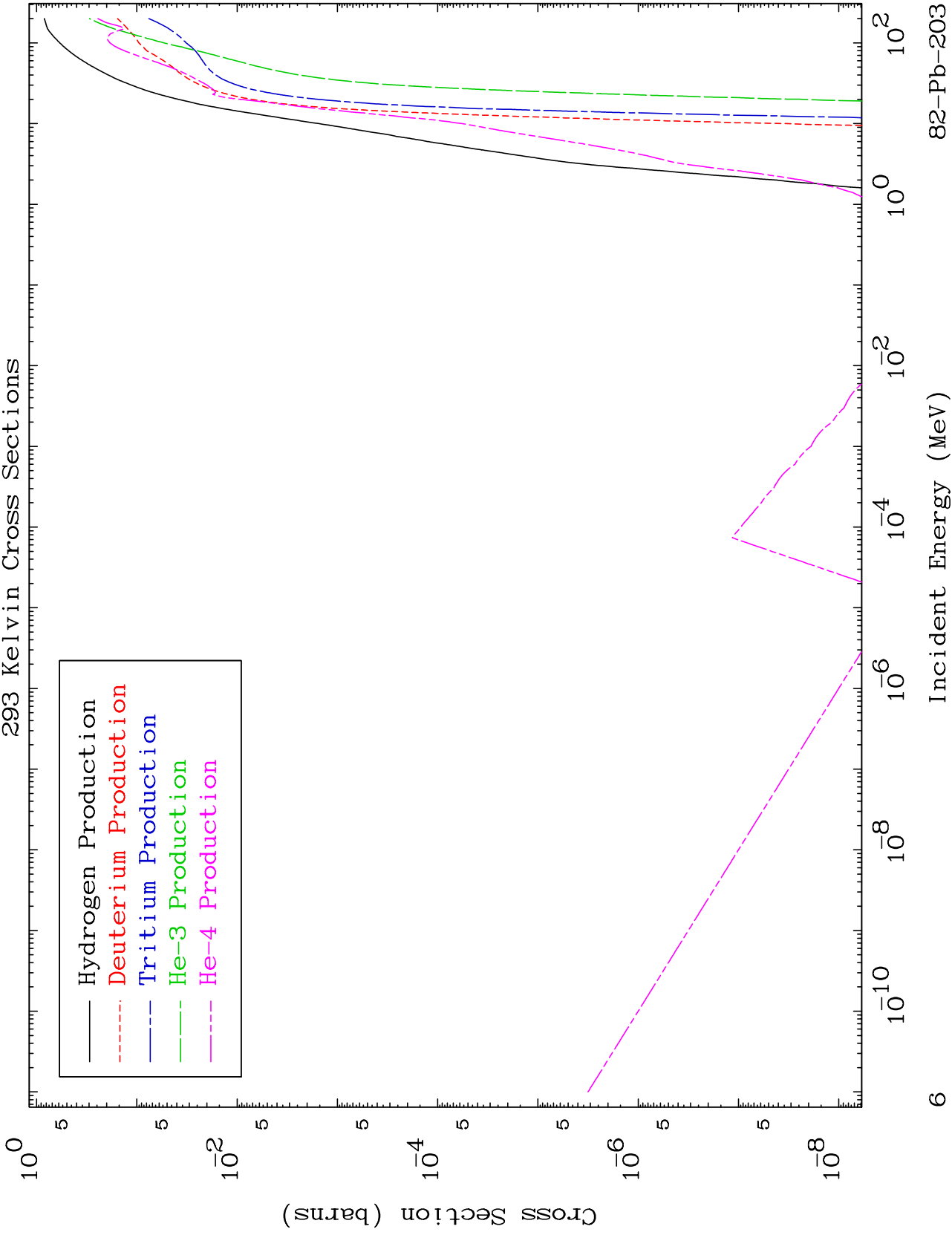


5

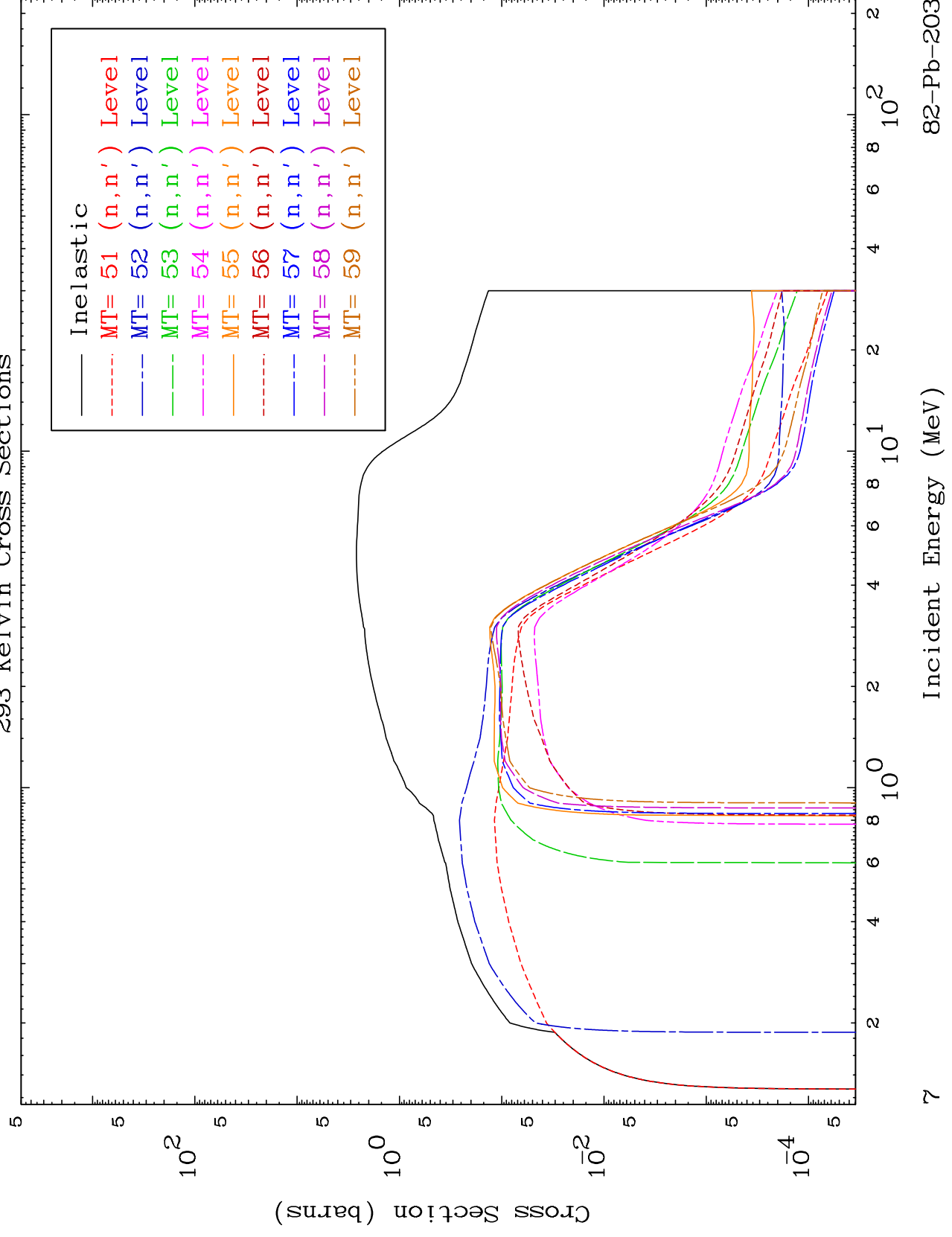
MAT 8222

Particle Production
293 Kelvin Cross Sections

82-Pb-203



293 Kelvin Cross Sections

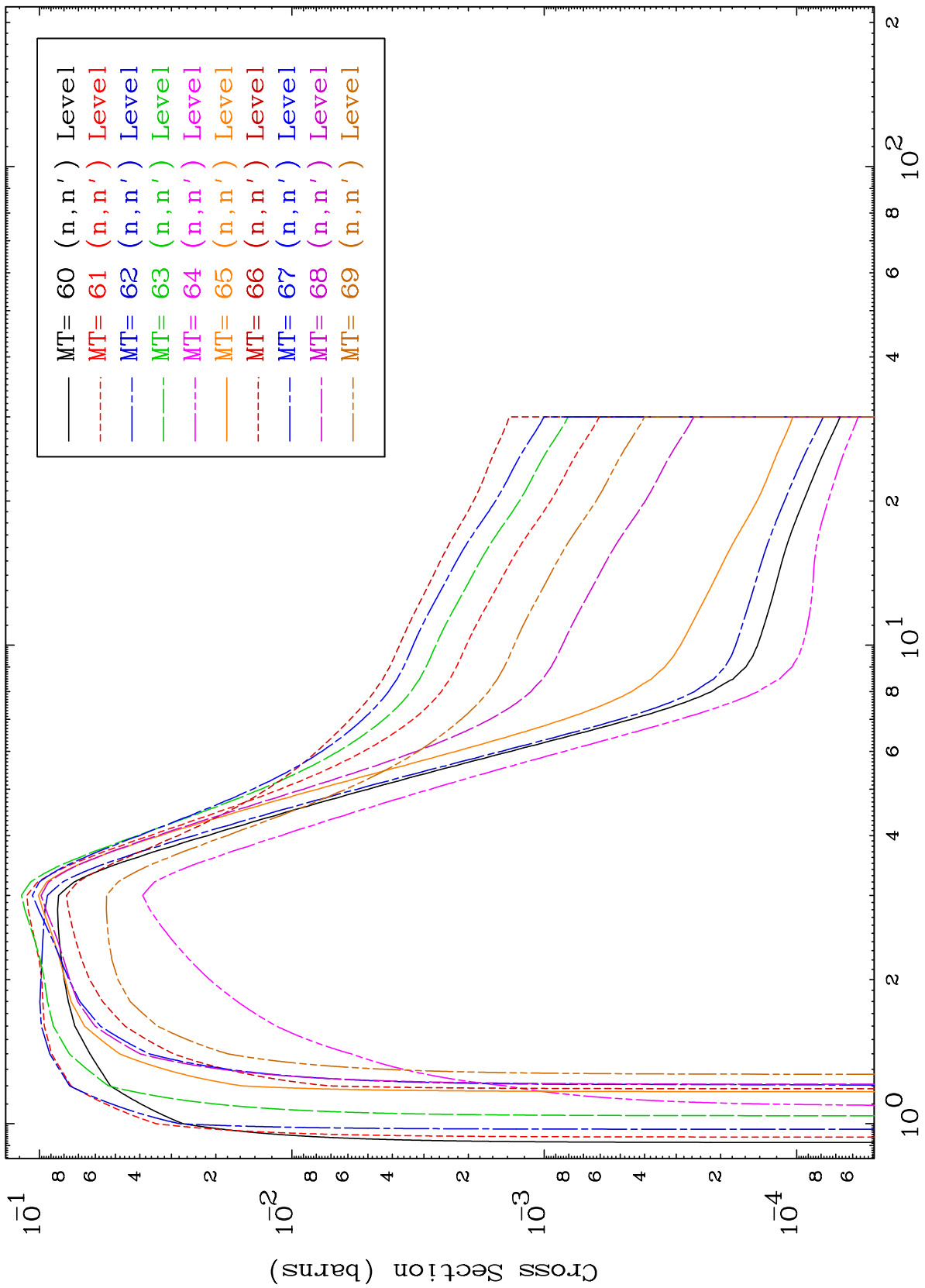


MAT 8222

(n,n') Level

82-Pb-203

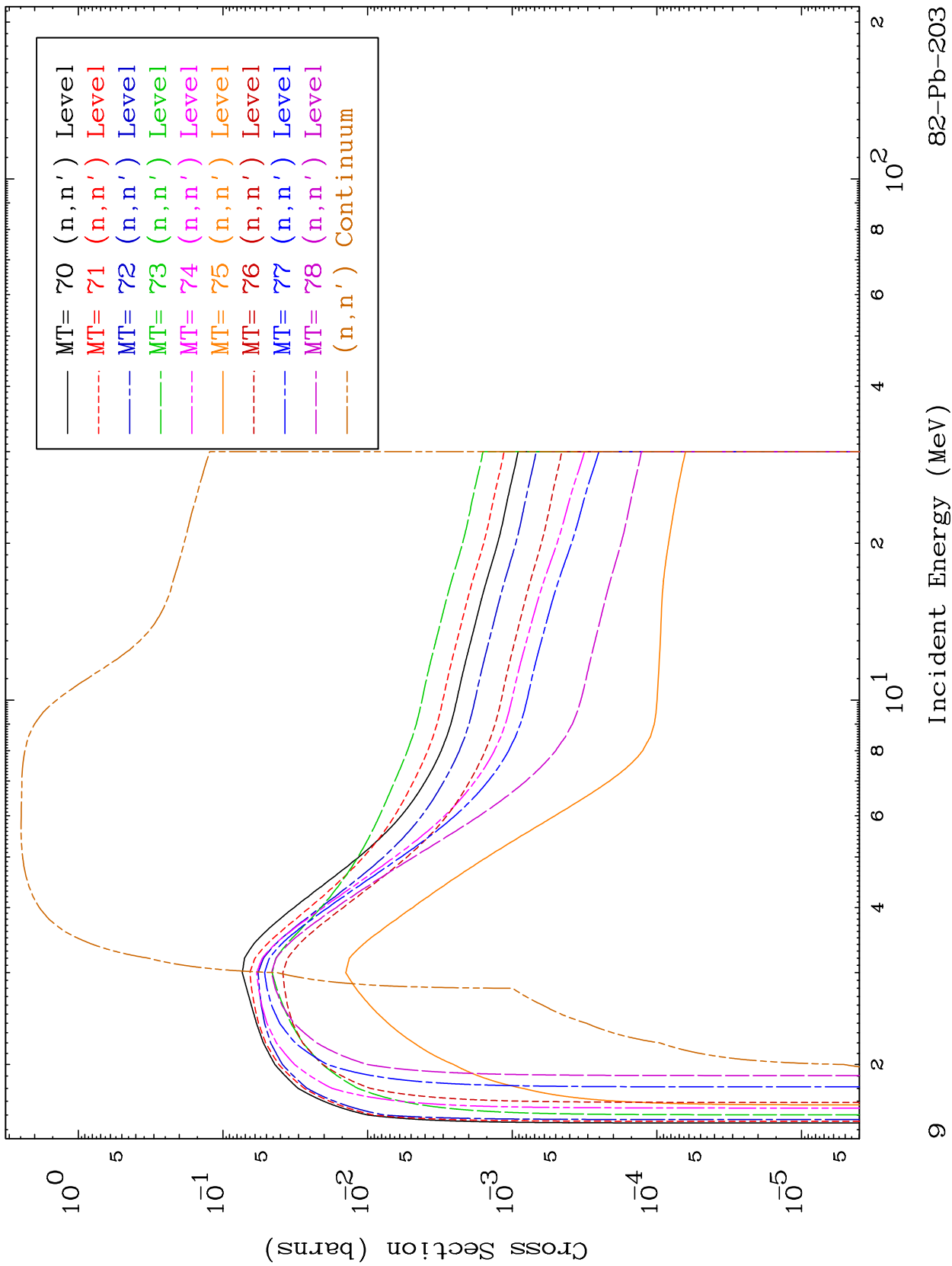
293 Kelvin Cross Sections



Incident Energy (MeV)

82-Pb-203

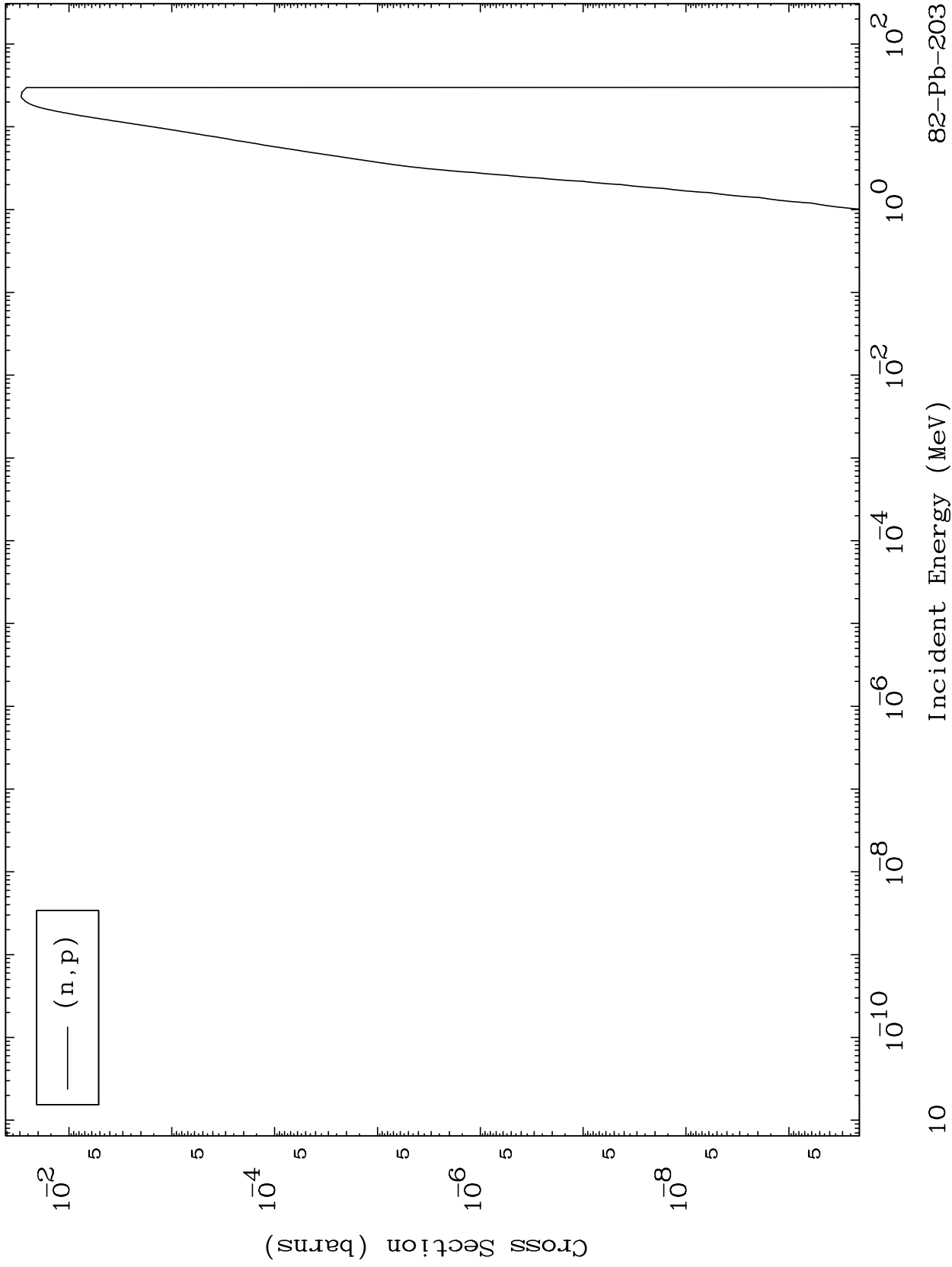
293 Kelvin Cross Sections



MAT 8222

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-203



10

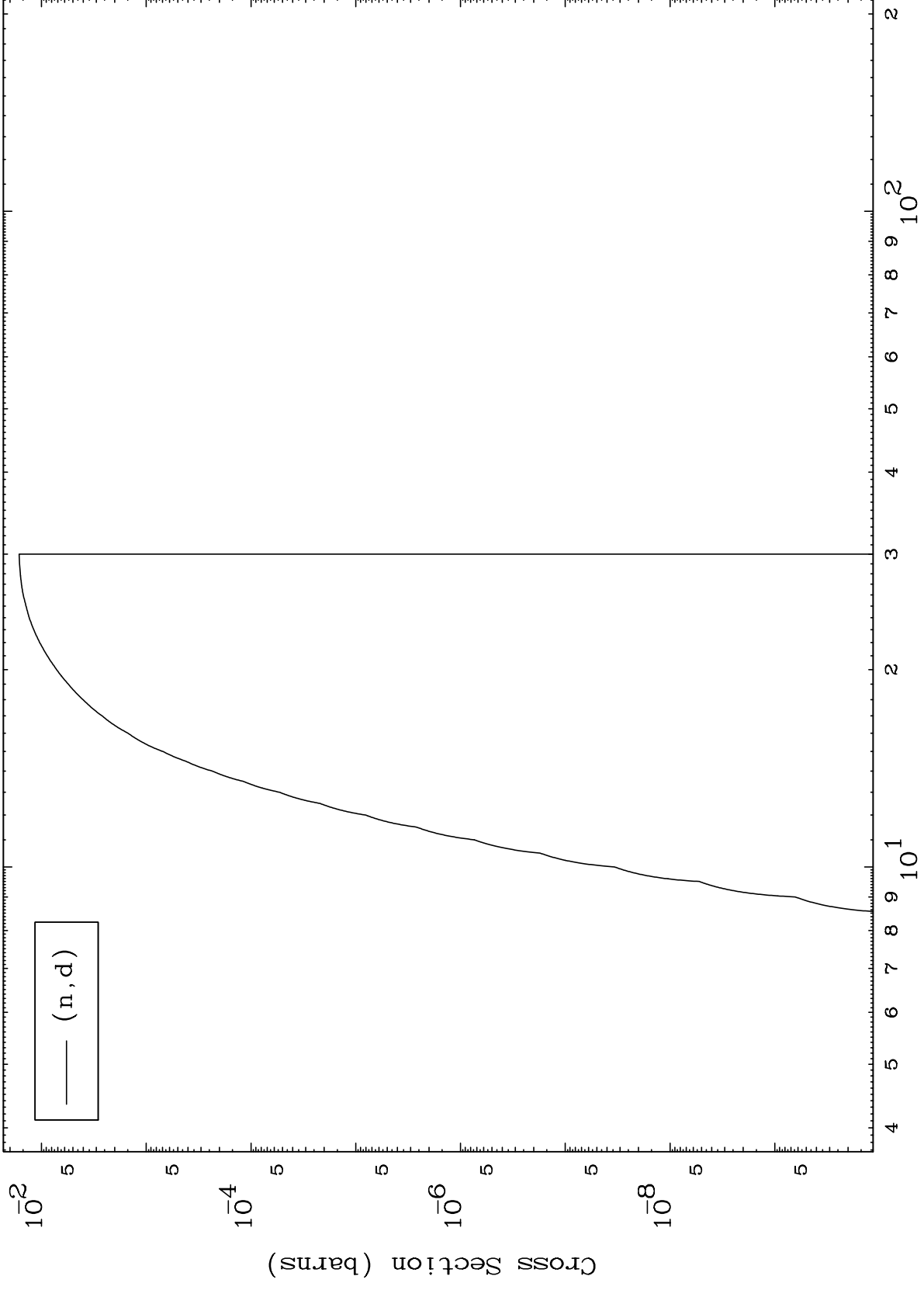
Incident Energy (MeV)

82-Pb-203

MAT 8222

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-203



11

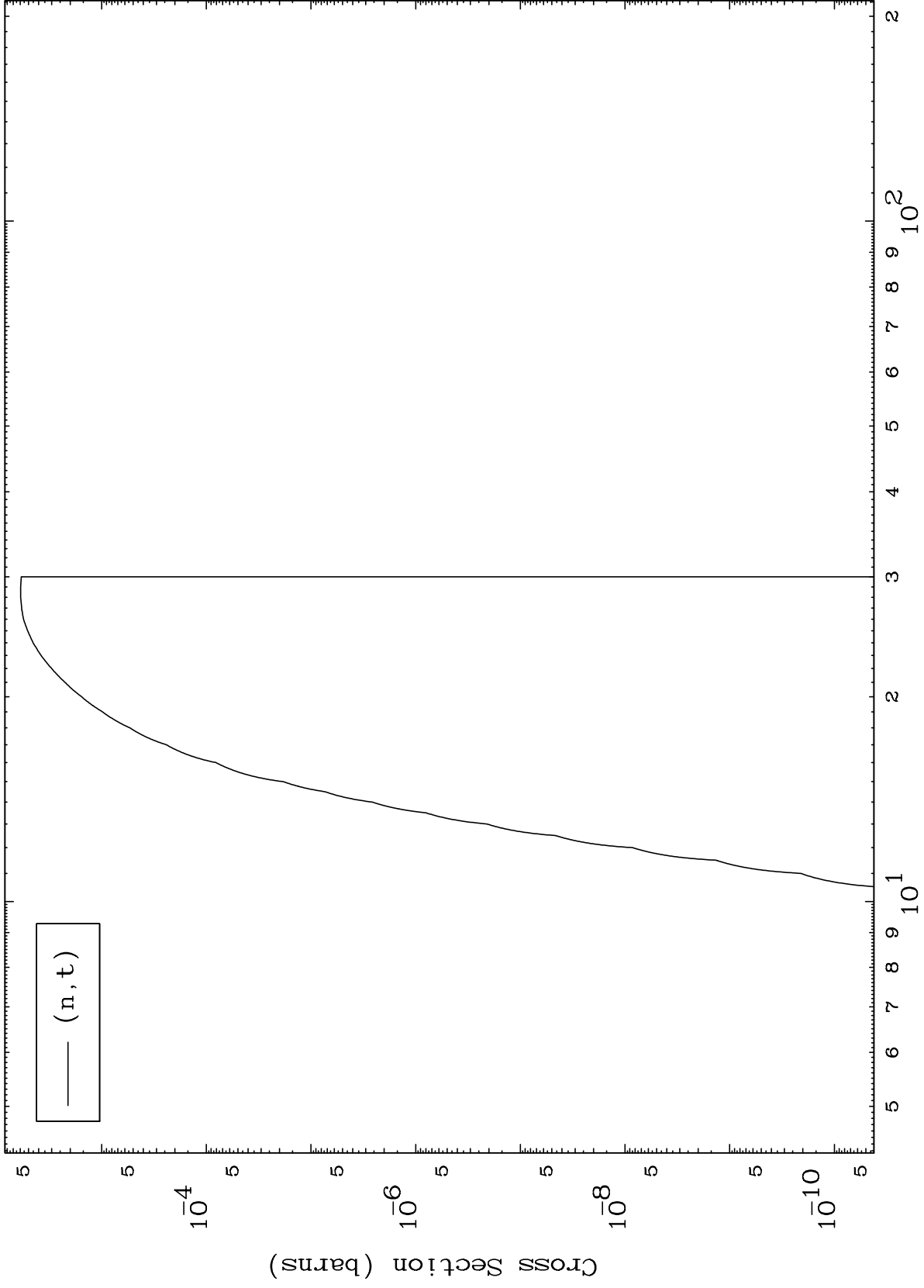
Incident Energy (MeV)

82-Pb-203

MAT 8222

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-203



12

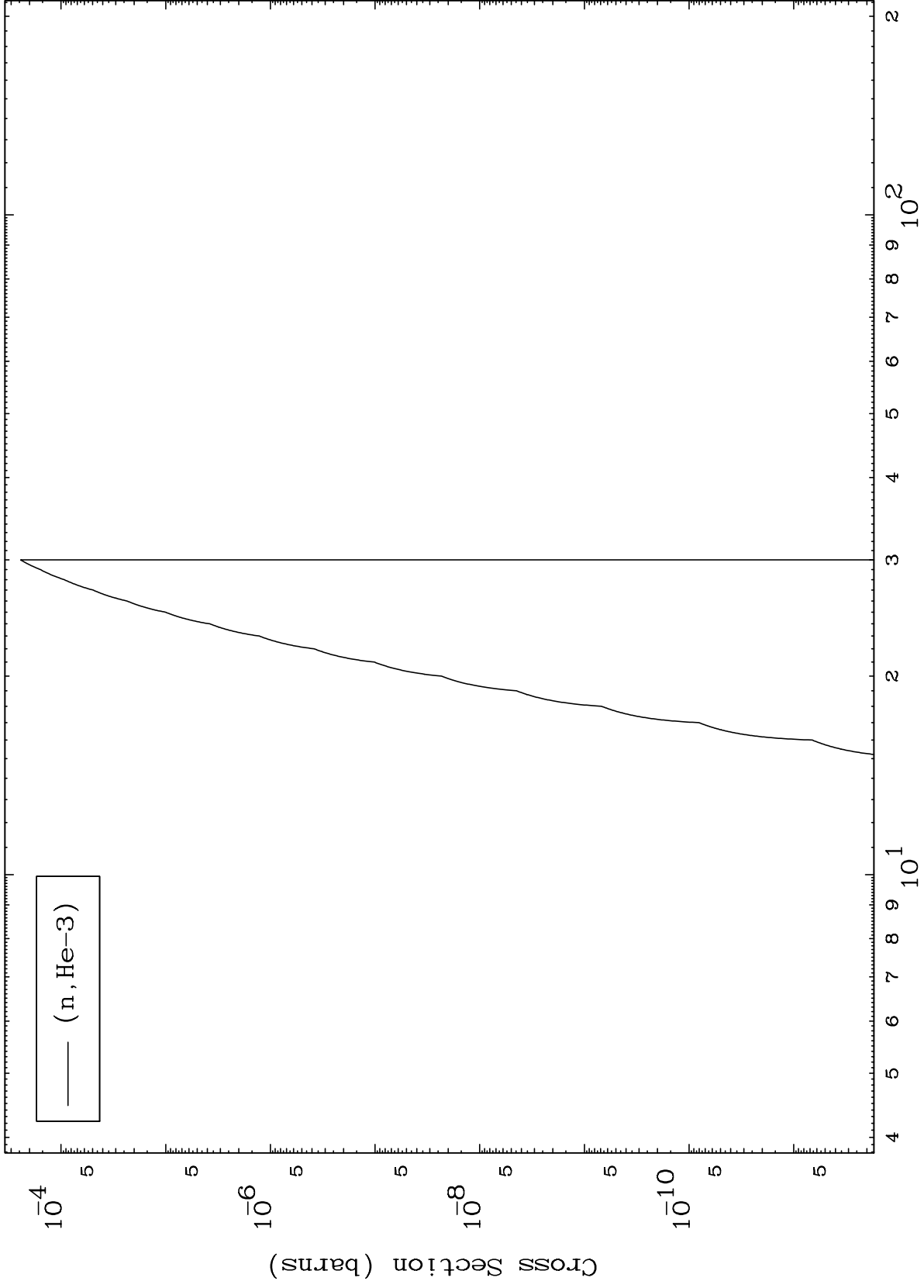
Incident Energy (MeV)

82-Pb-203

MAT 8222

(n,He3) Levels
293 Kelvin Cross Sections

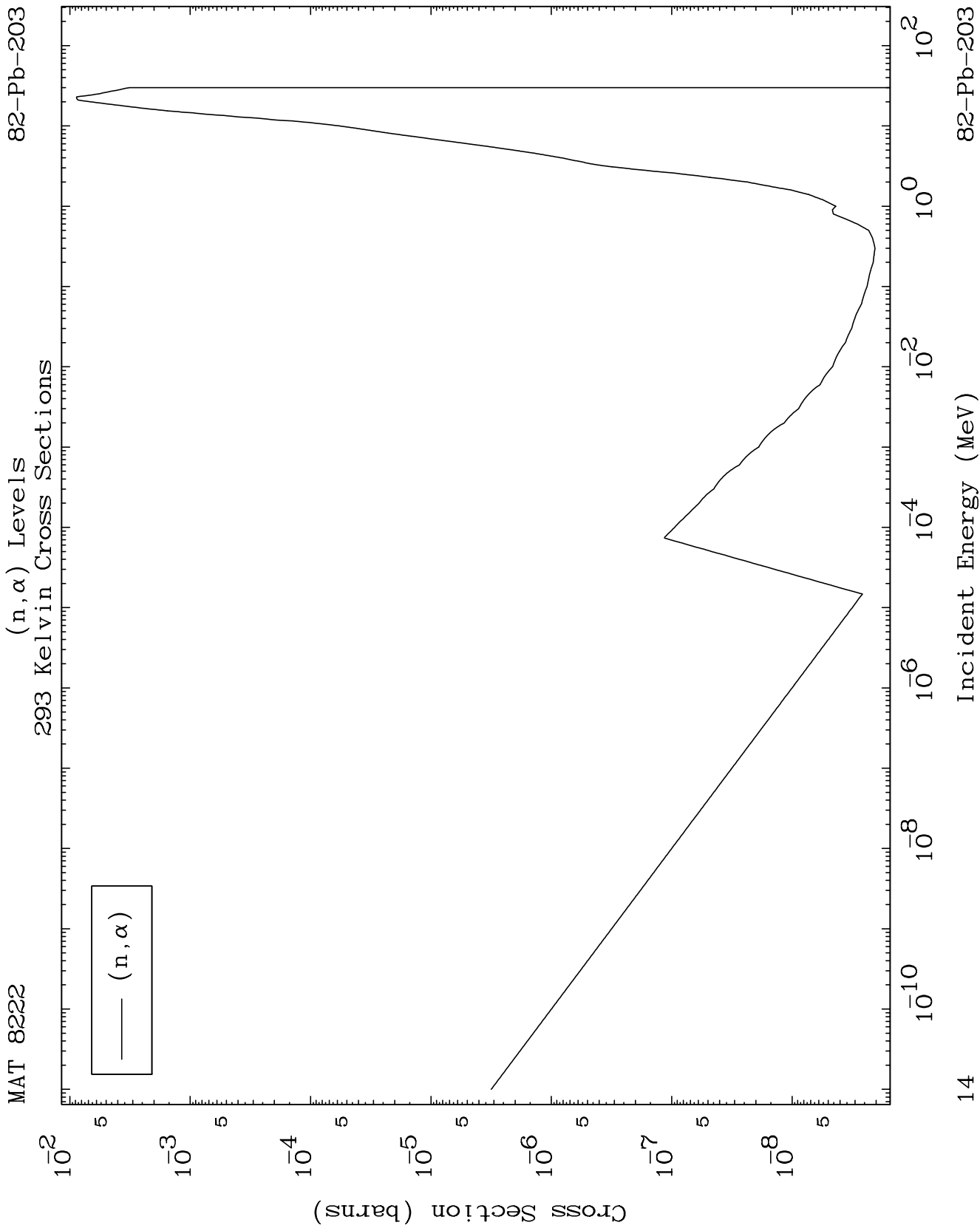
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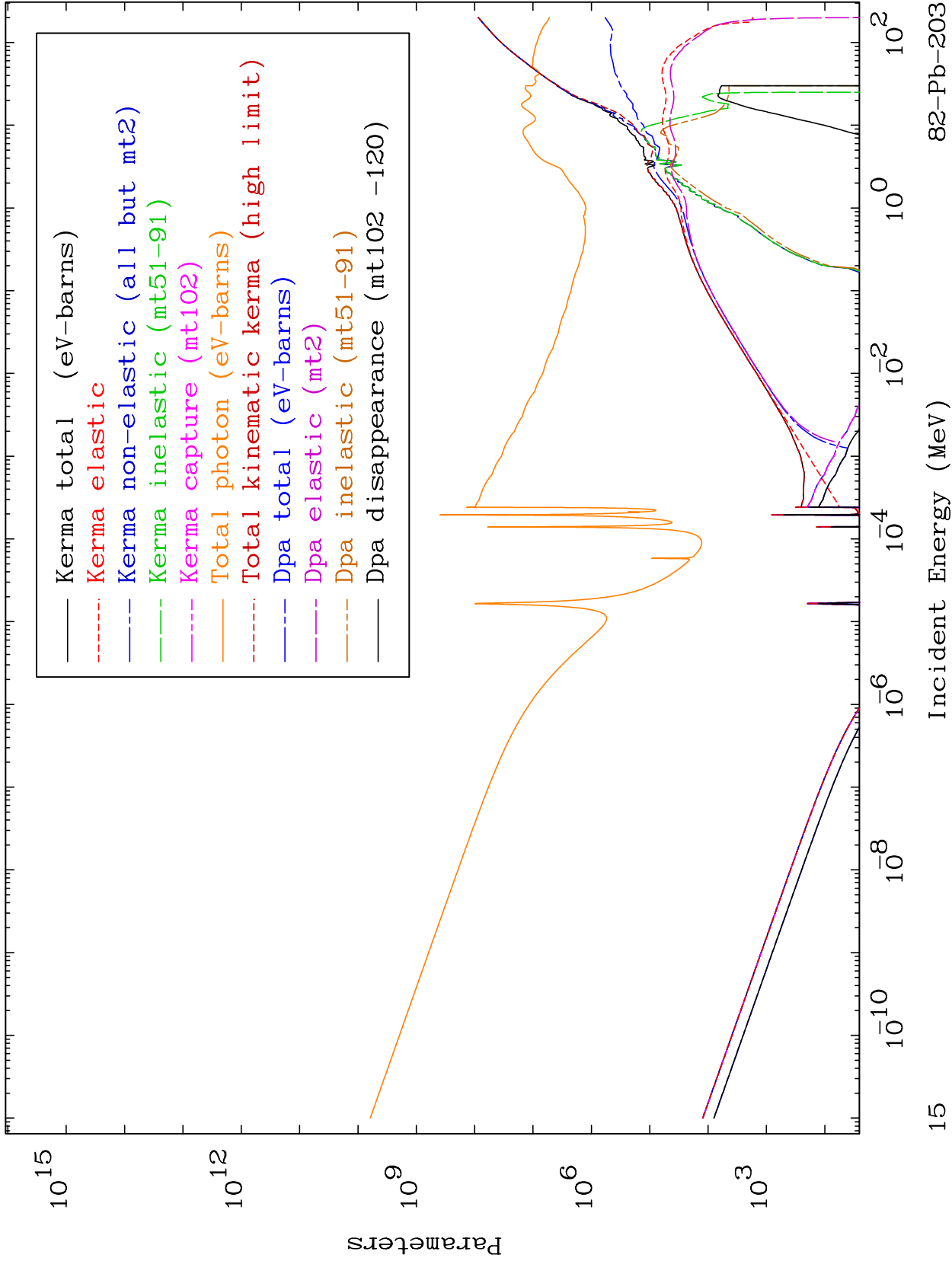


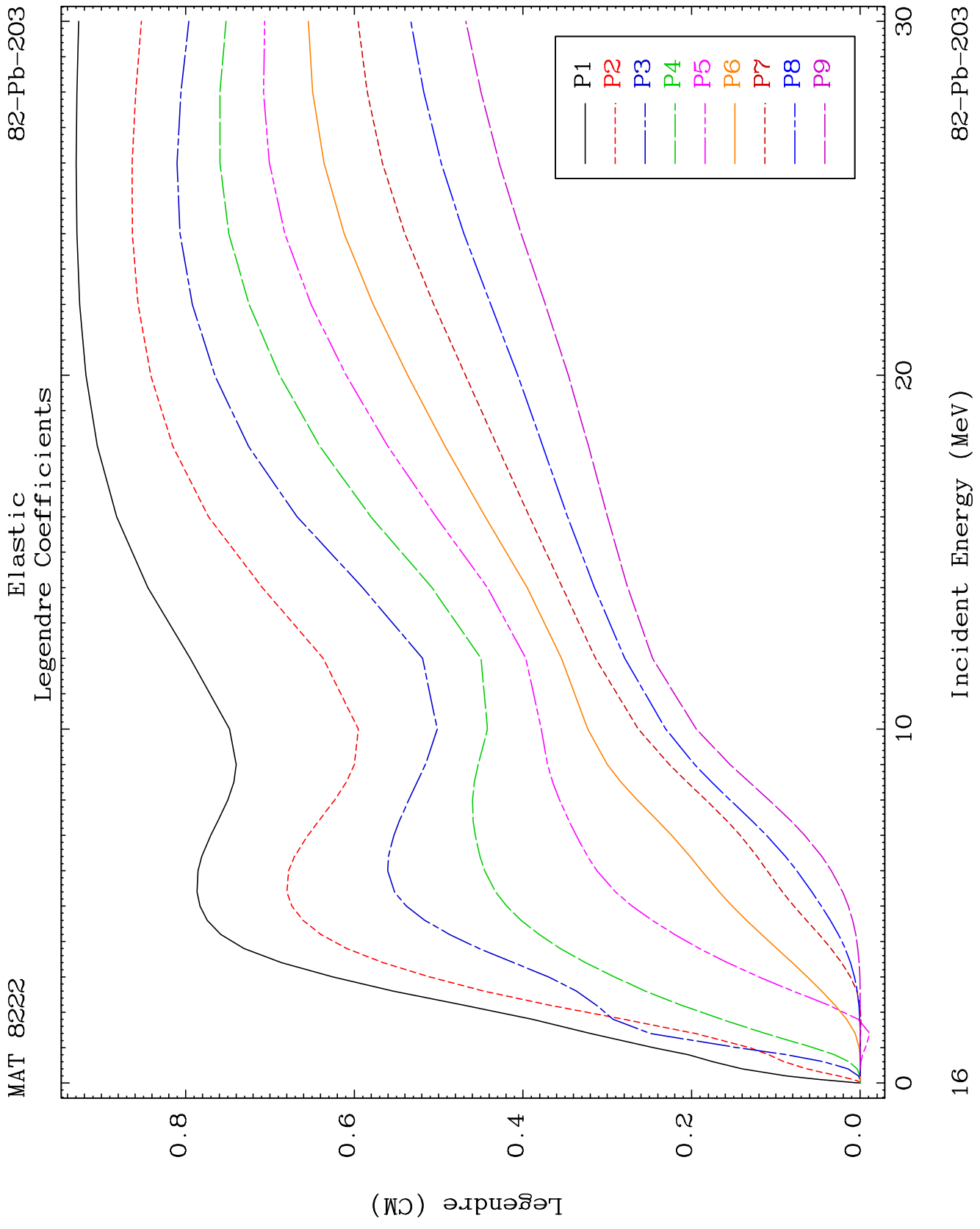
13

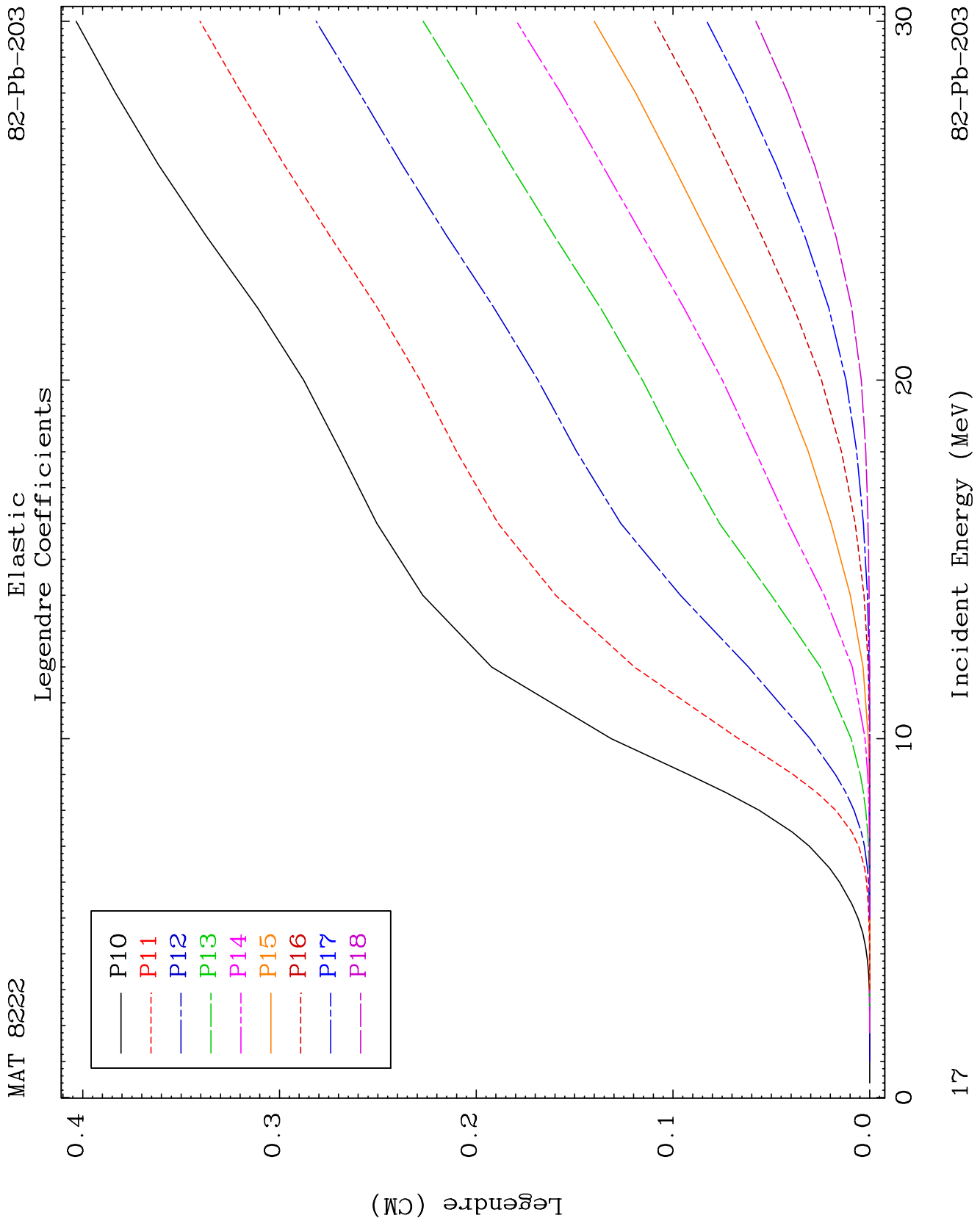
Incident Energy (MeV)

82-Pb-203





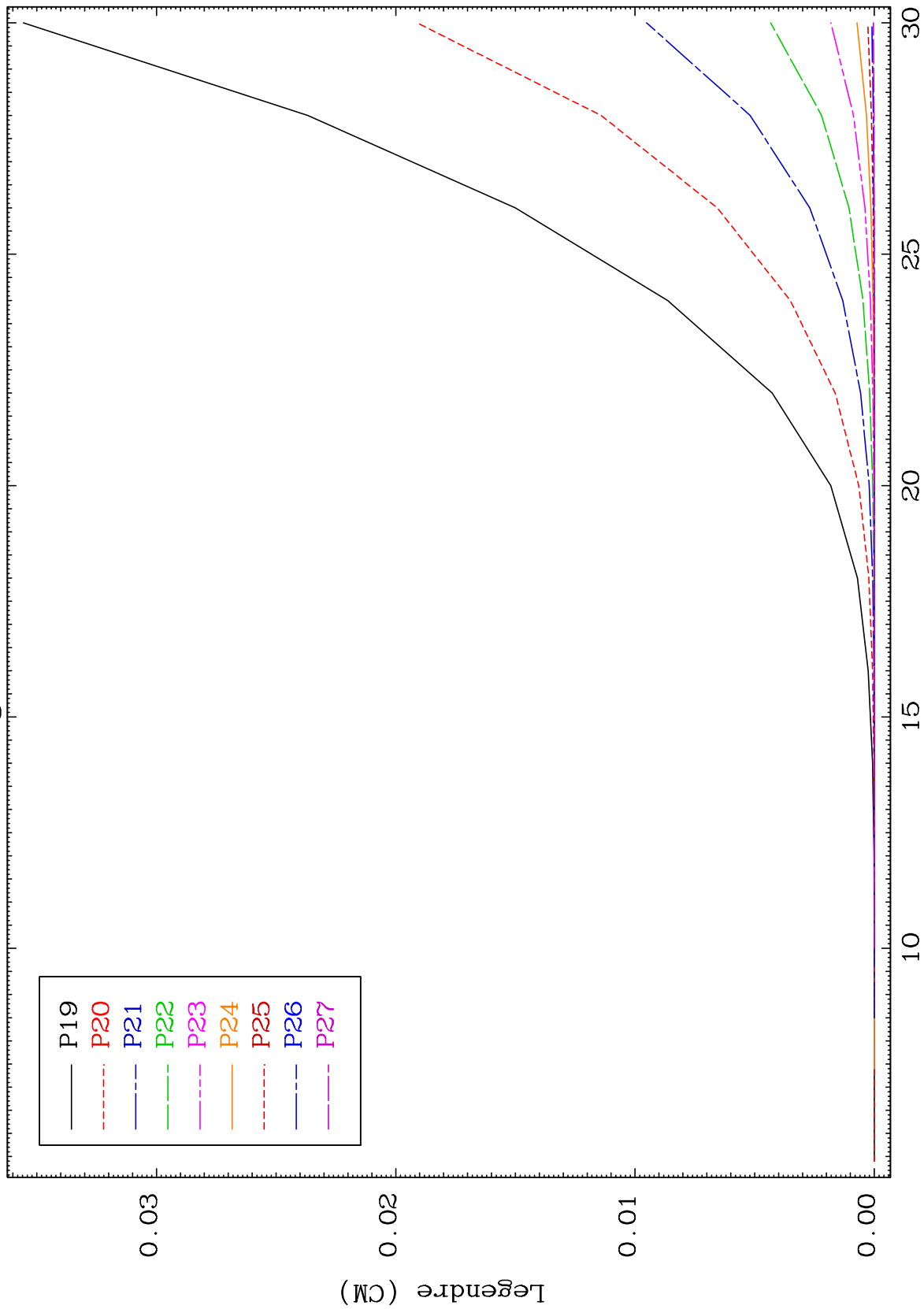




MAT 8222

Elastic
Legendre Coefficients

82-Pb-203



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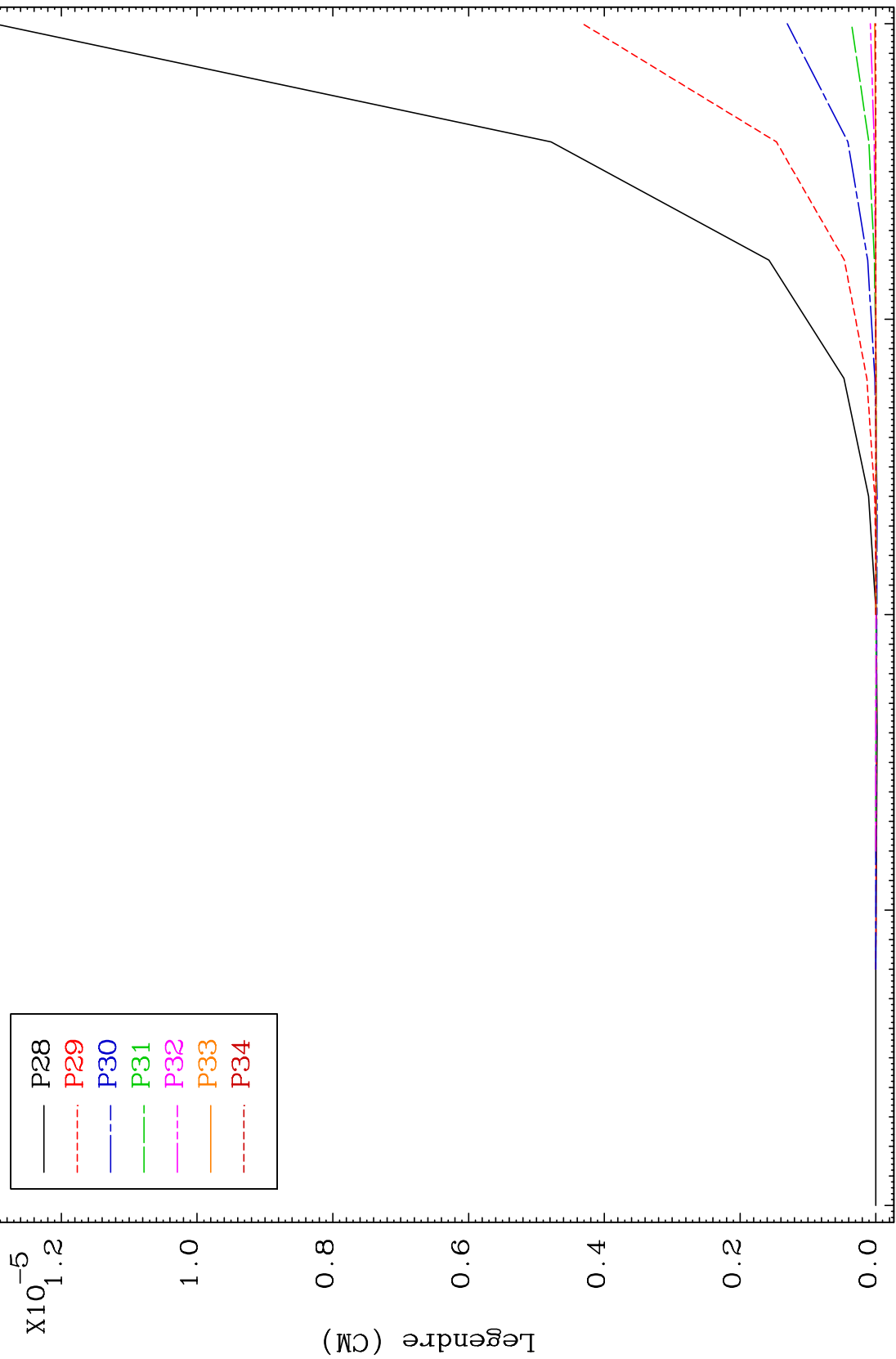
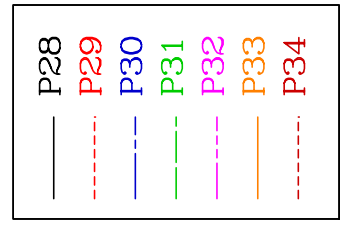
Incident Energy (MeV)

82-Pb-203

MAT 8222

Elastic Legendre Coefficients

82-Pb-203



82-Pb-203

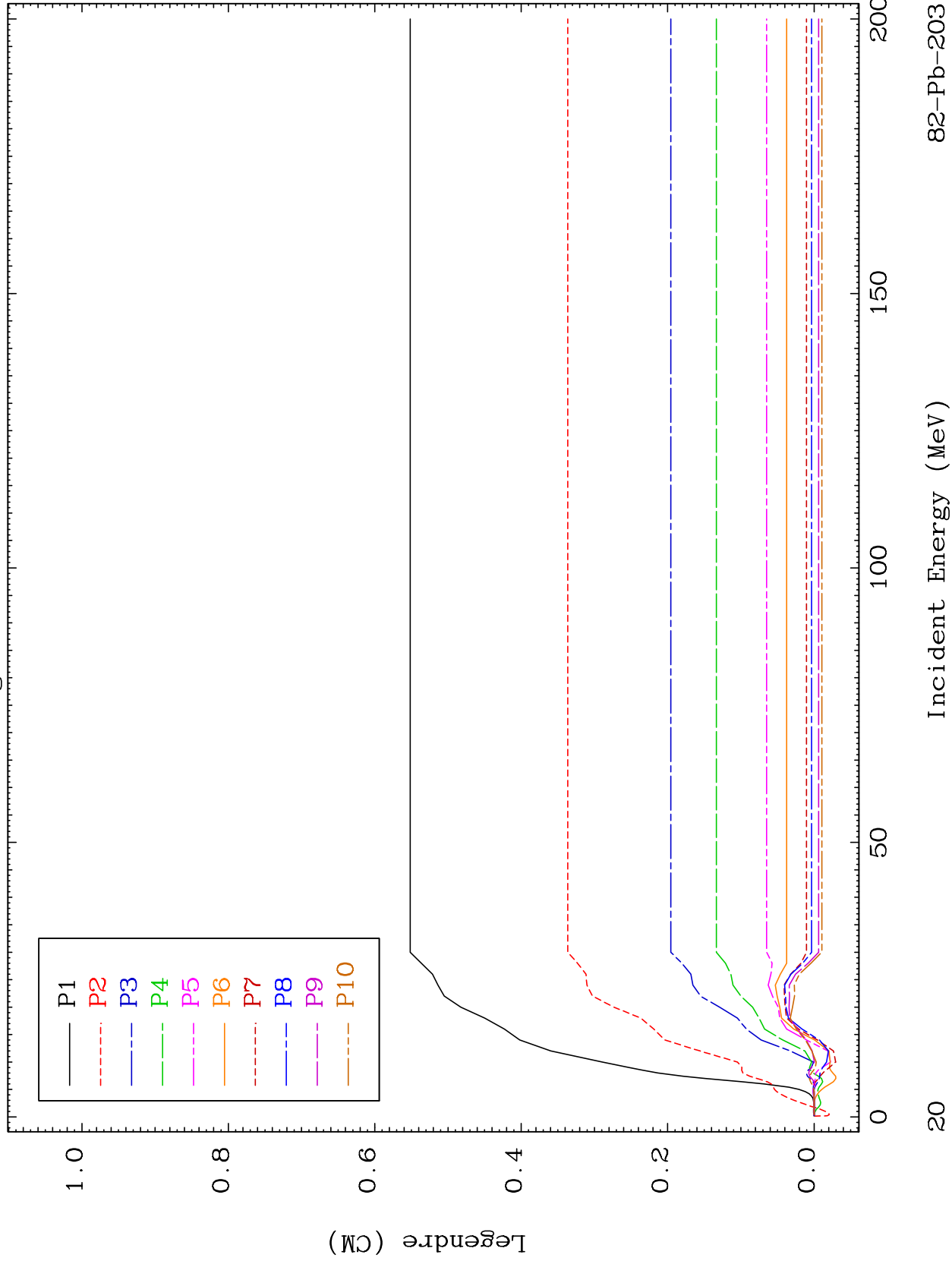
Incident Energy (MeV)

19

MAT 8222

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

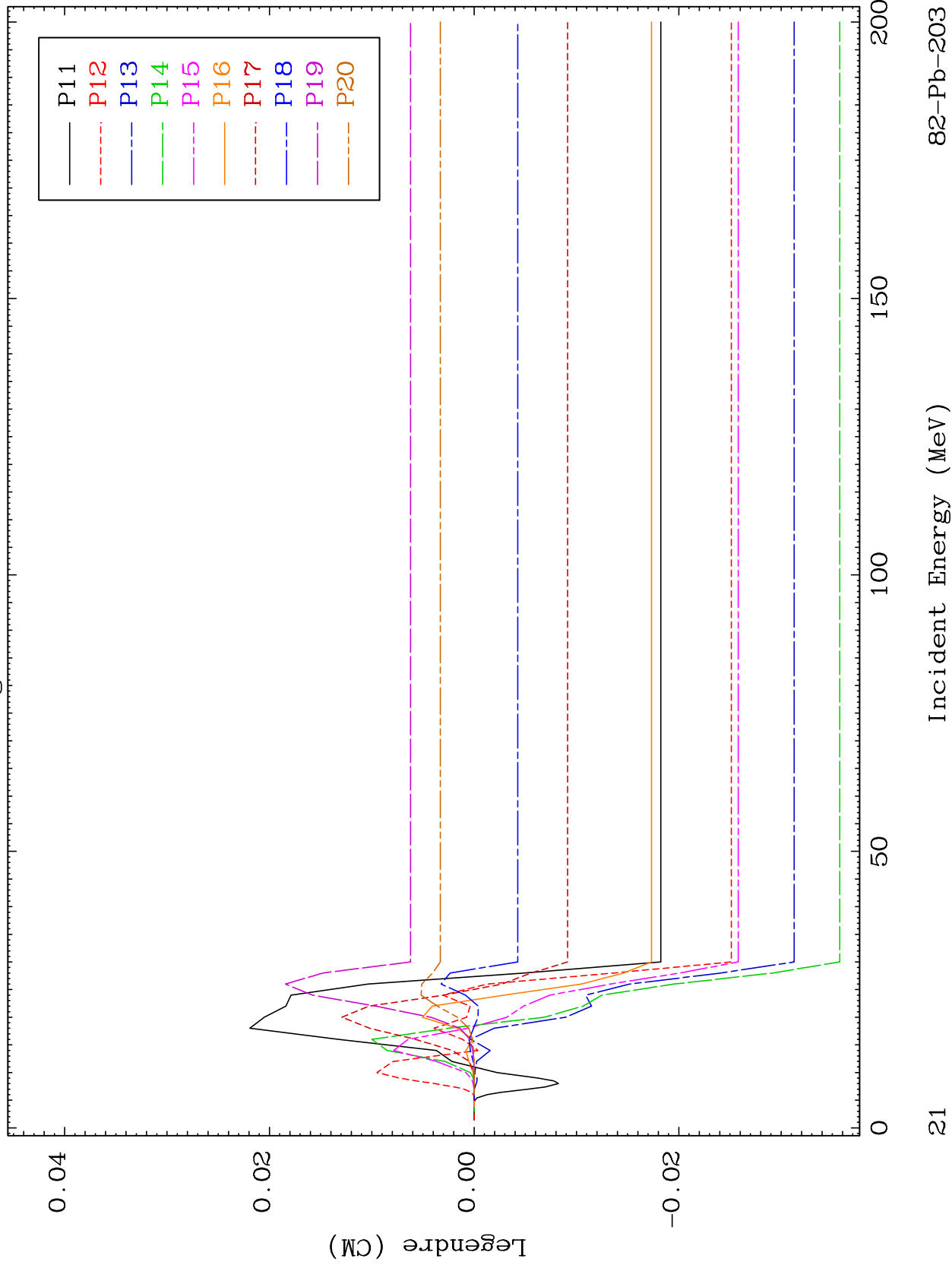
82-Pb-203



MAT 82222

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

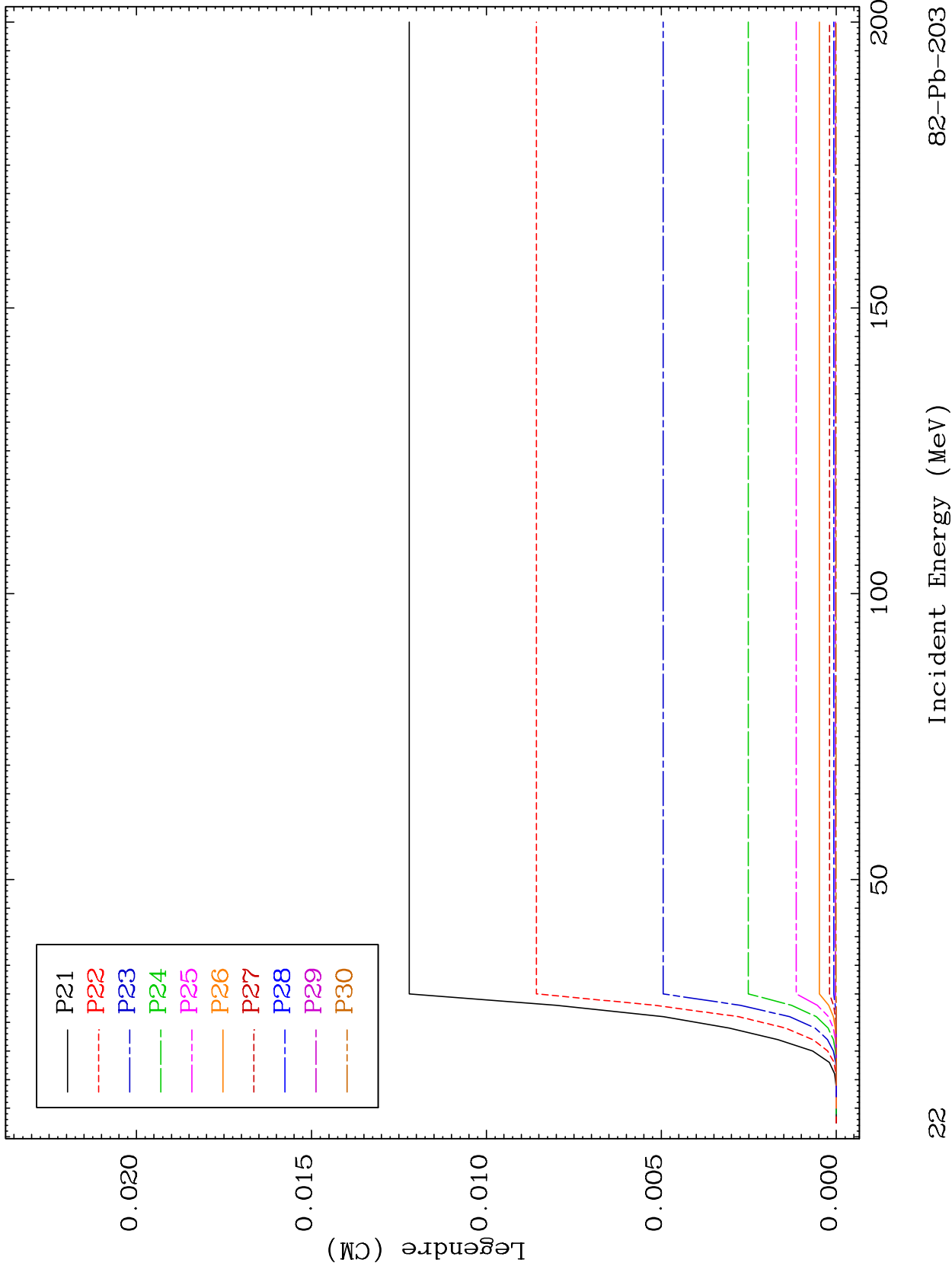
82-Pb-203



82-Pb-203

Incident Energy (MeV)

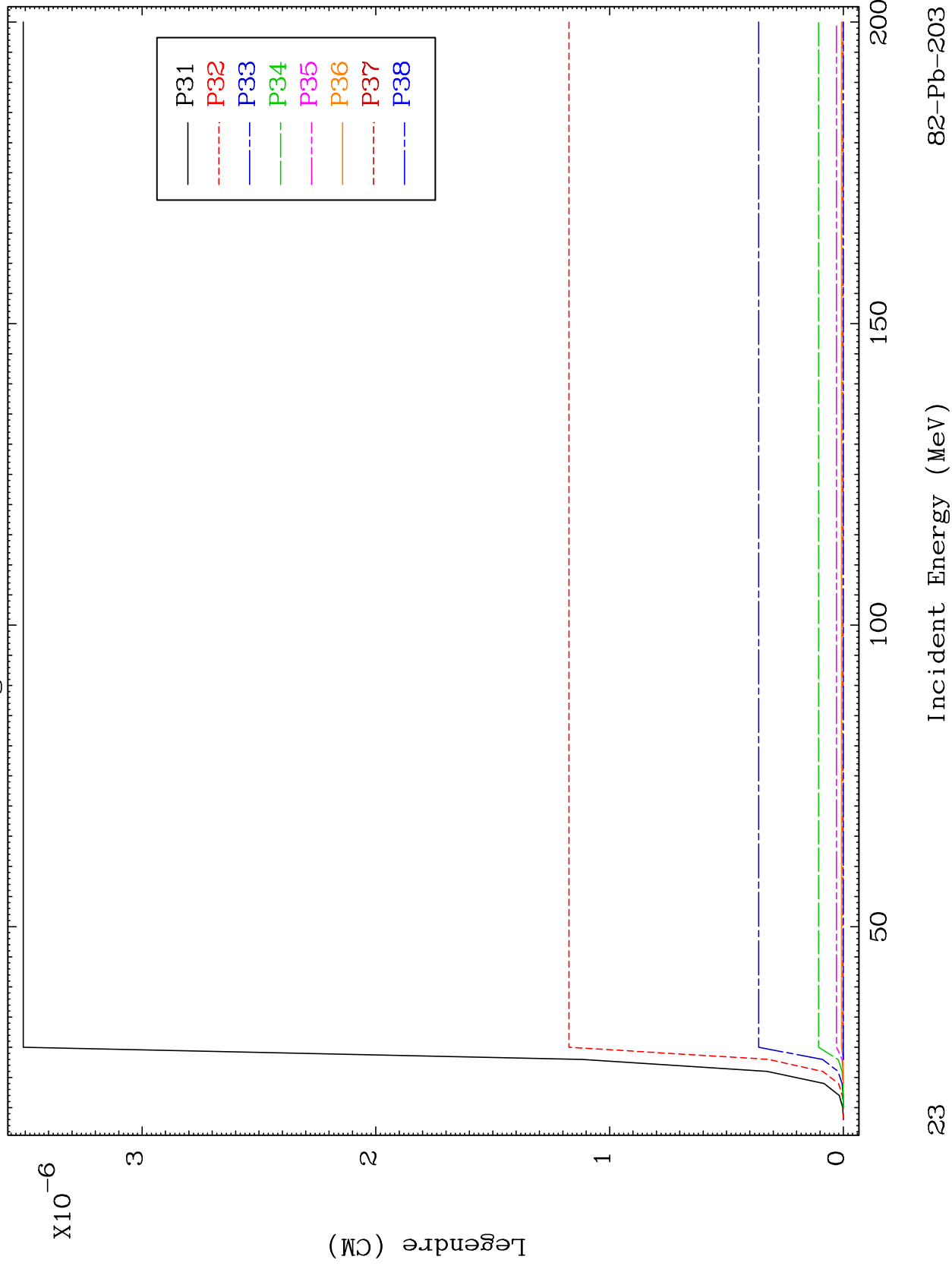
21



MAT 8222

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

82-Pb-203

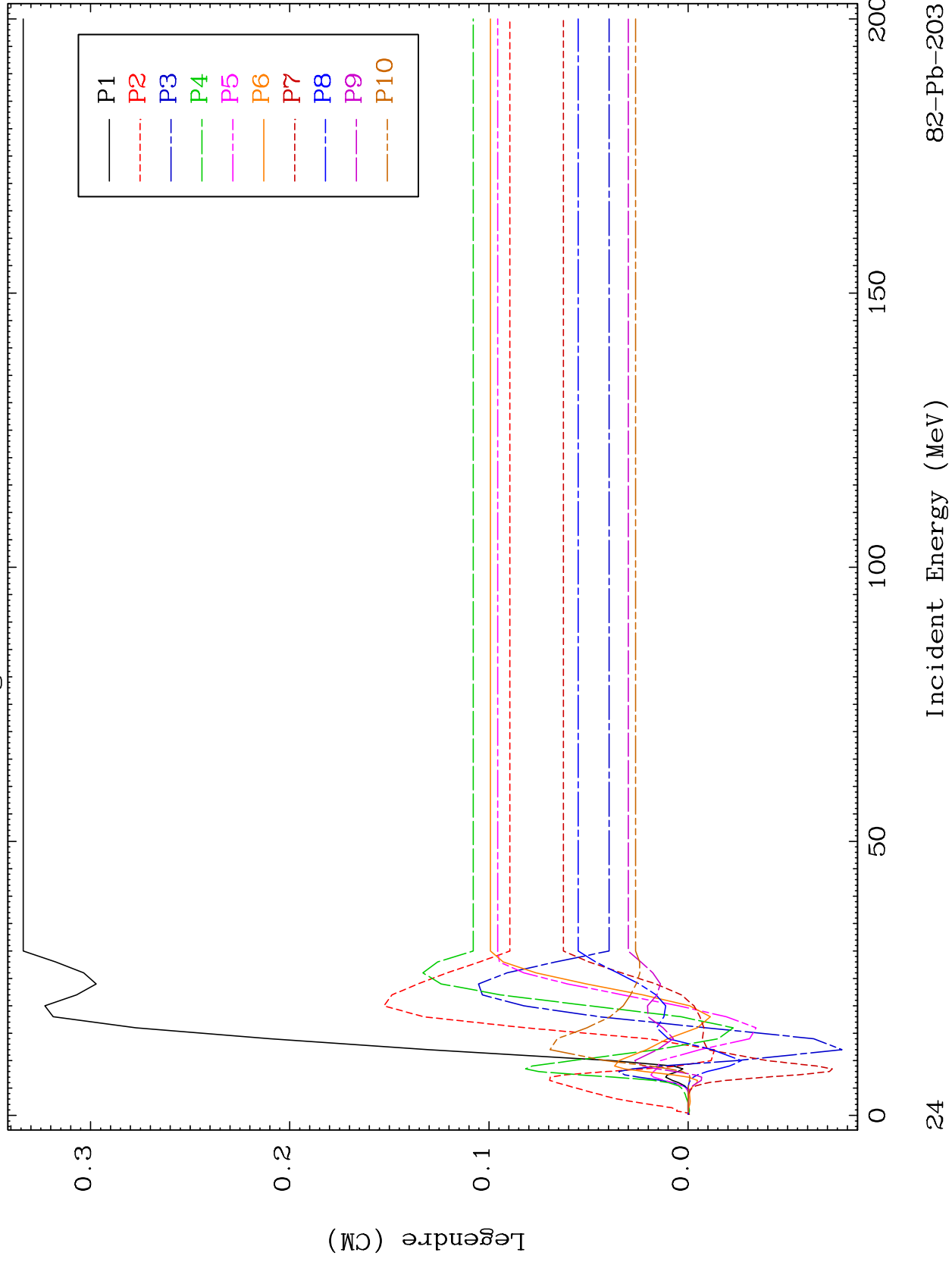


23

MAT 8222

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

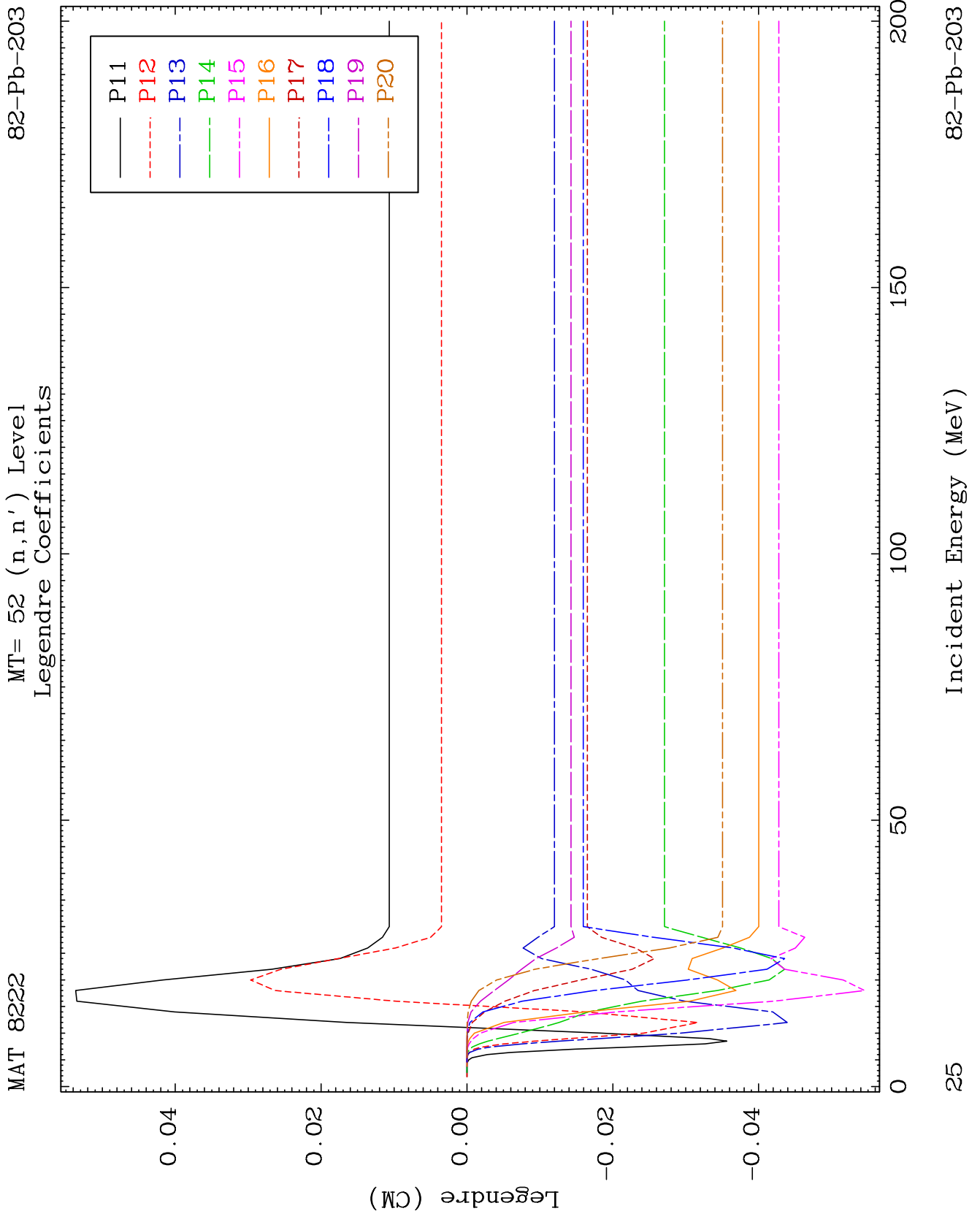
82-Pb-203



82-Pb-203

Incident Energy (MeV)

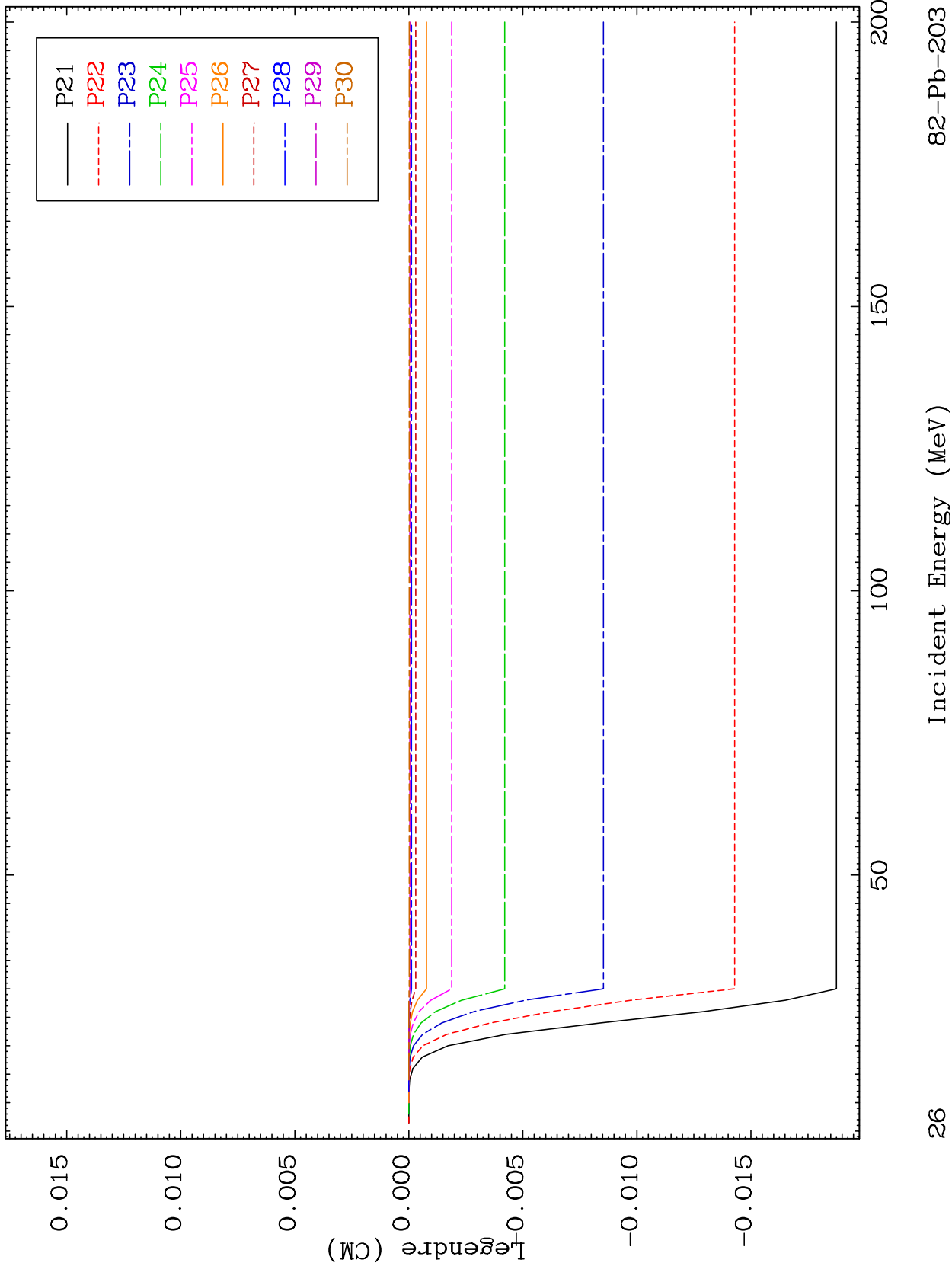
24



MAT 82222

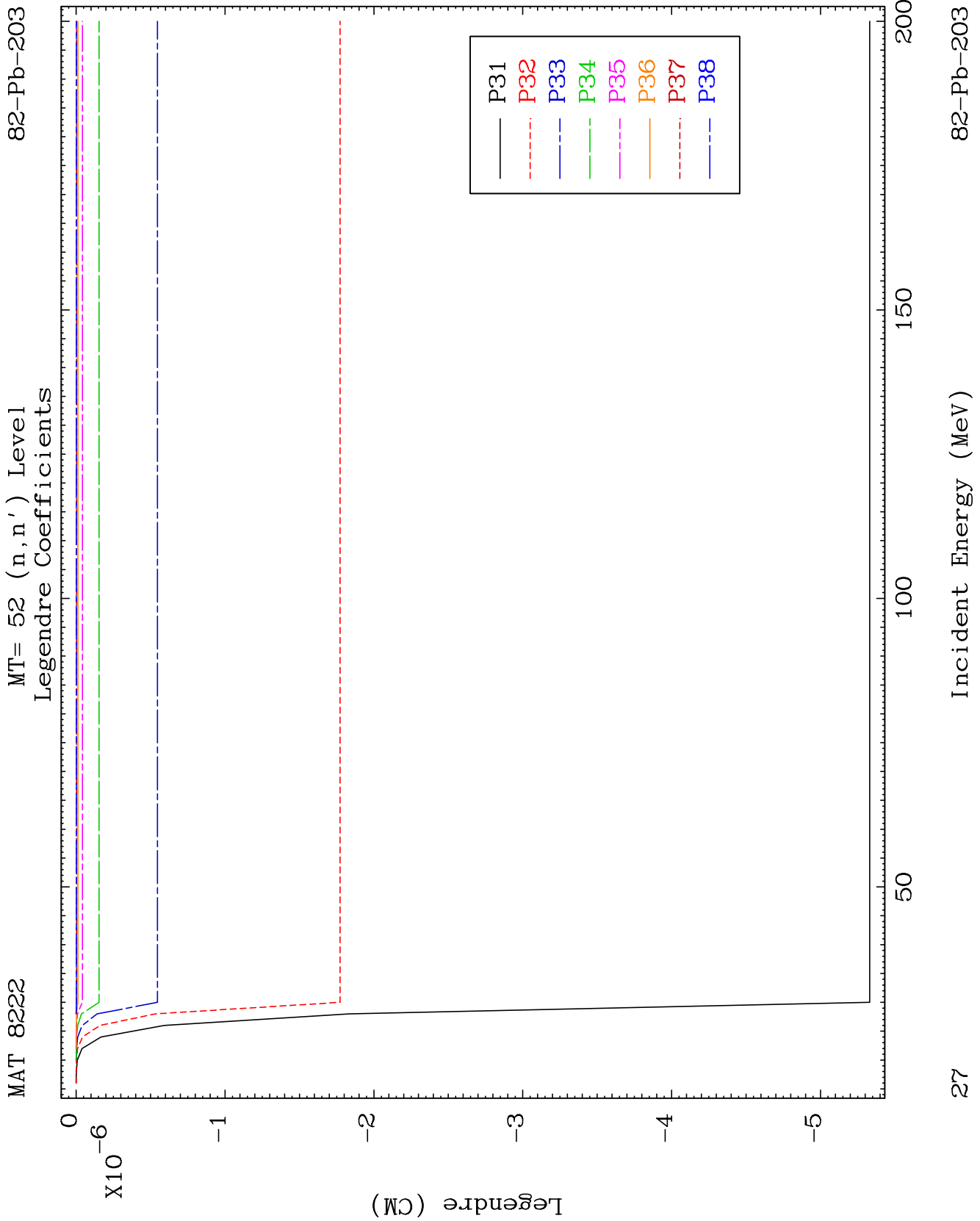
MT= 52 (n,n') Level
Legendre Coefficients

82-Pb-203



26

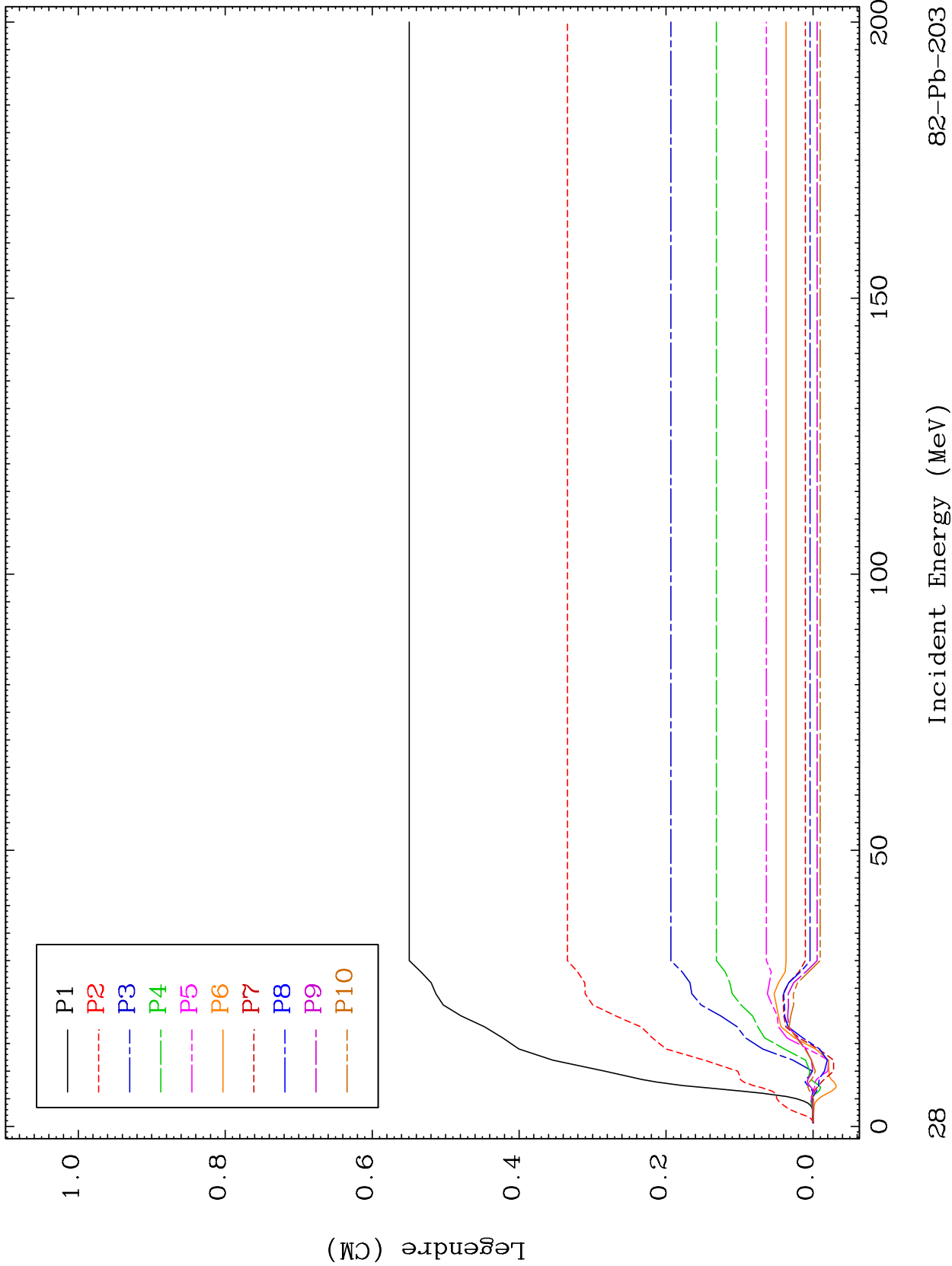
82-Pb-203



MAT 8222

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

82-Pb-203



28

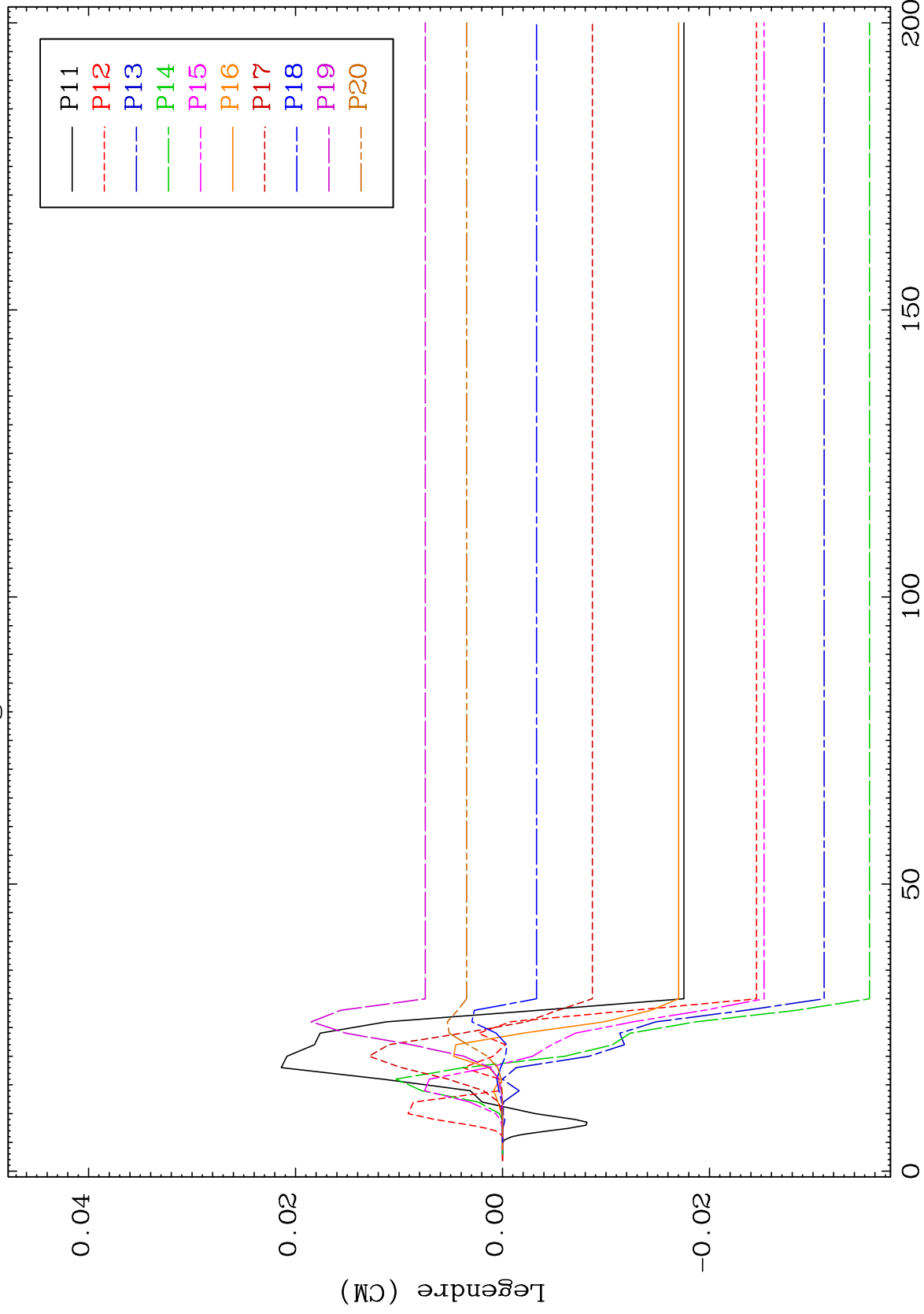
Incident Energy (MeV)

82-Pb-203

MAT 8222

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

82-Pb-203



29

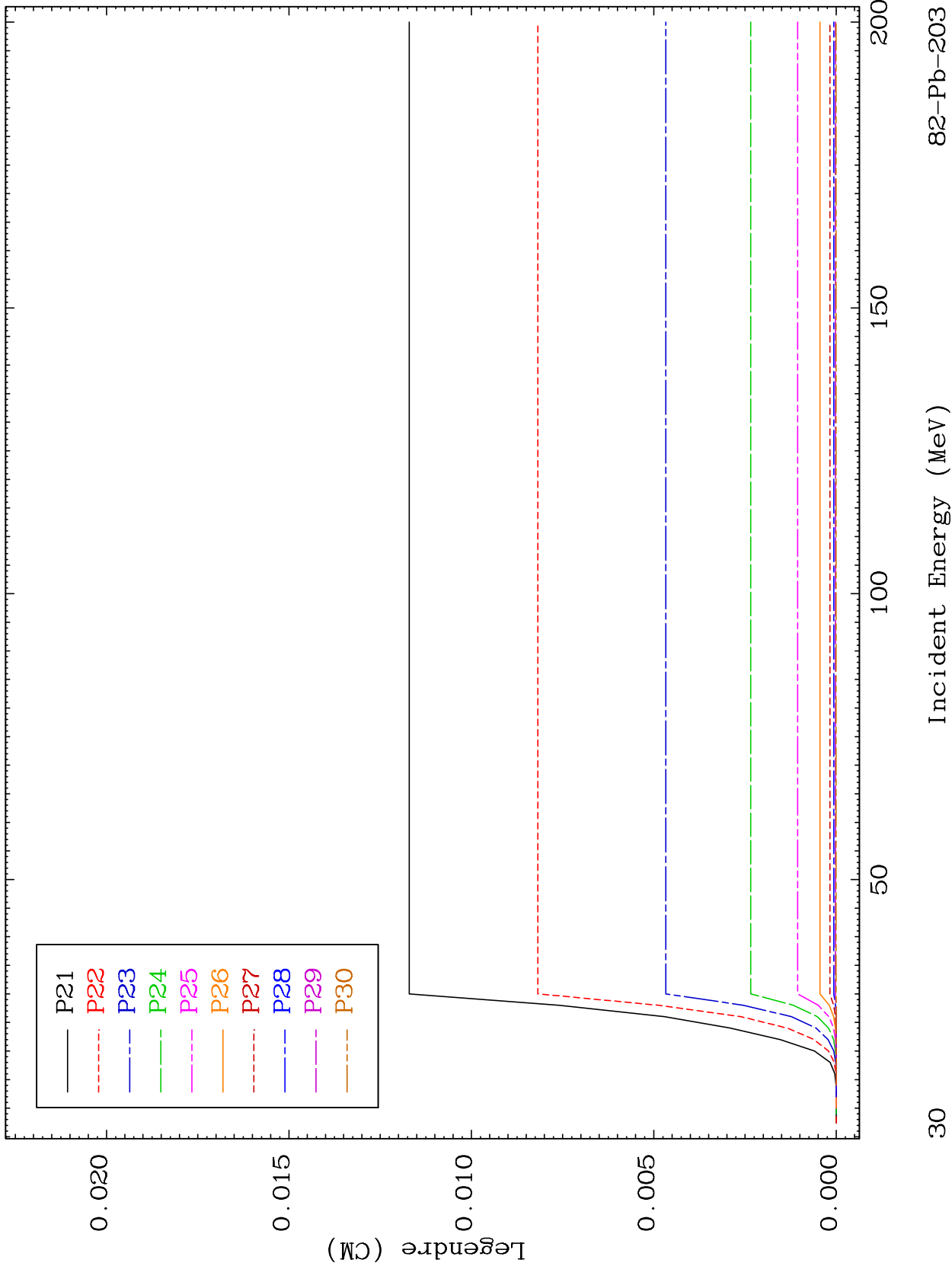
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

82-Pb-203



30

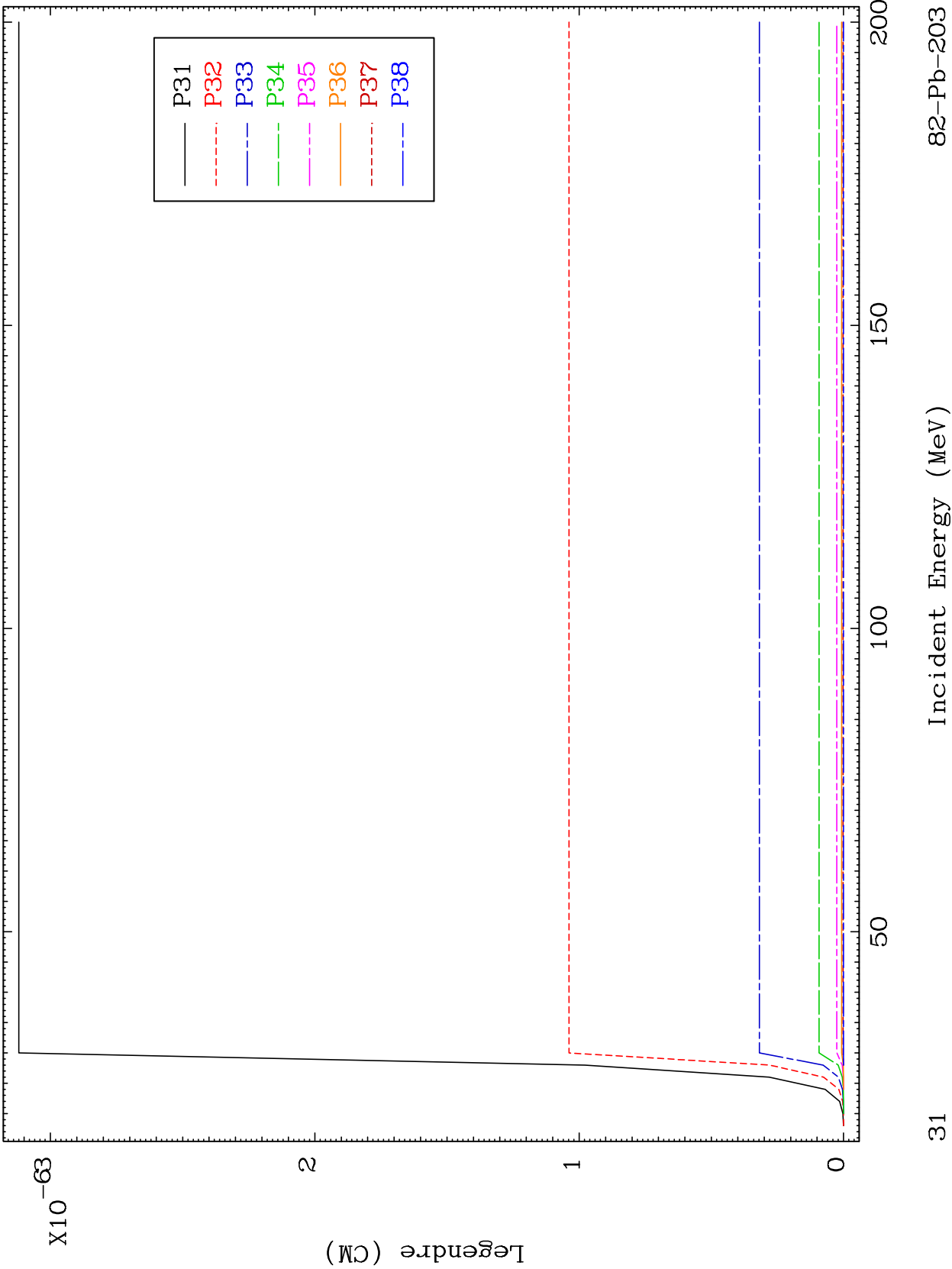
Incident Energy (MeV)

82-Pb-203

MAT 8222

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

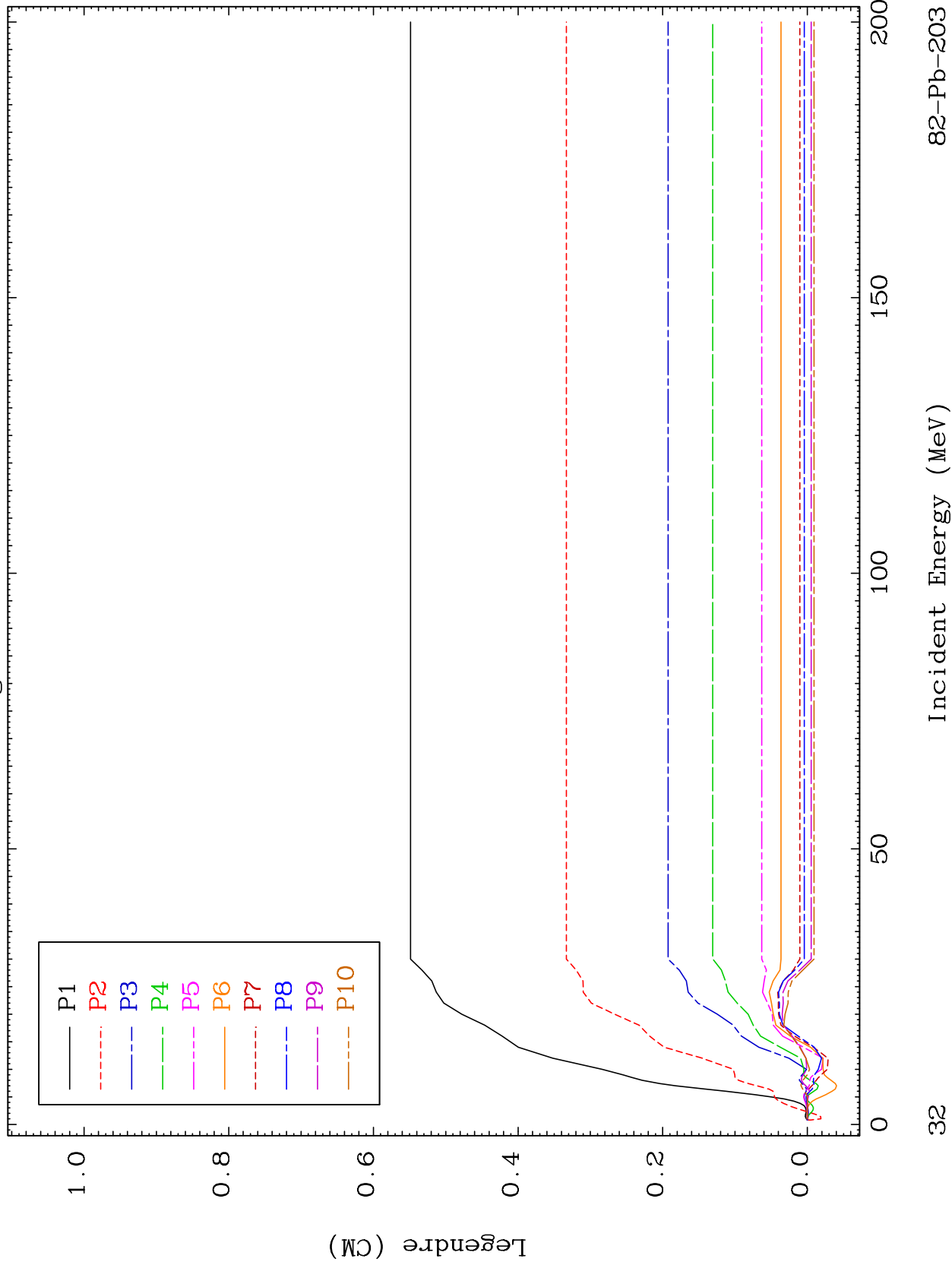
82-Pb-203



MAT 8222

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

82-Pb-203

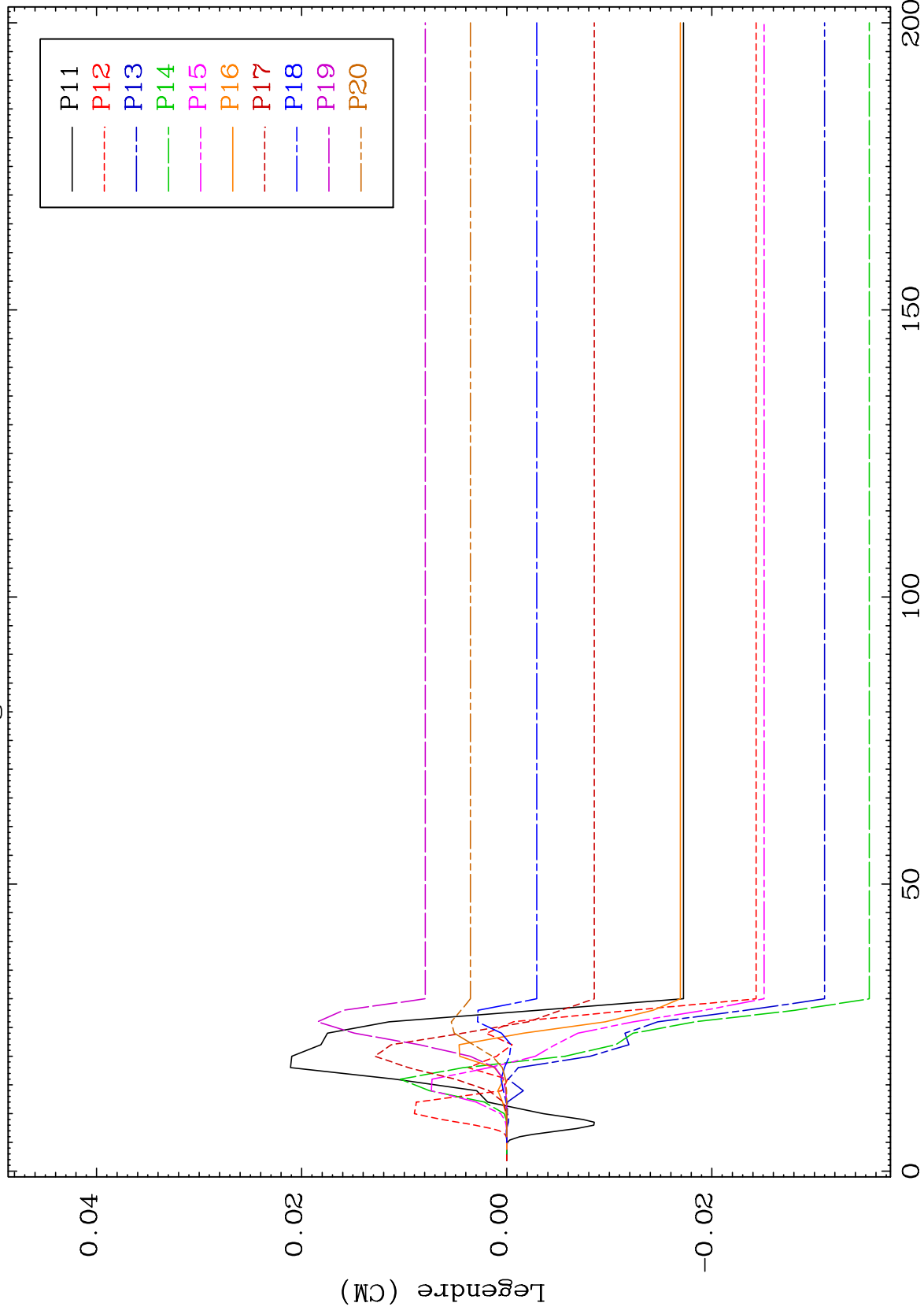


32

MAT 8222

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

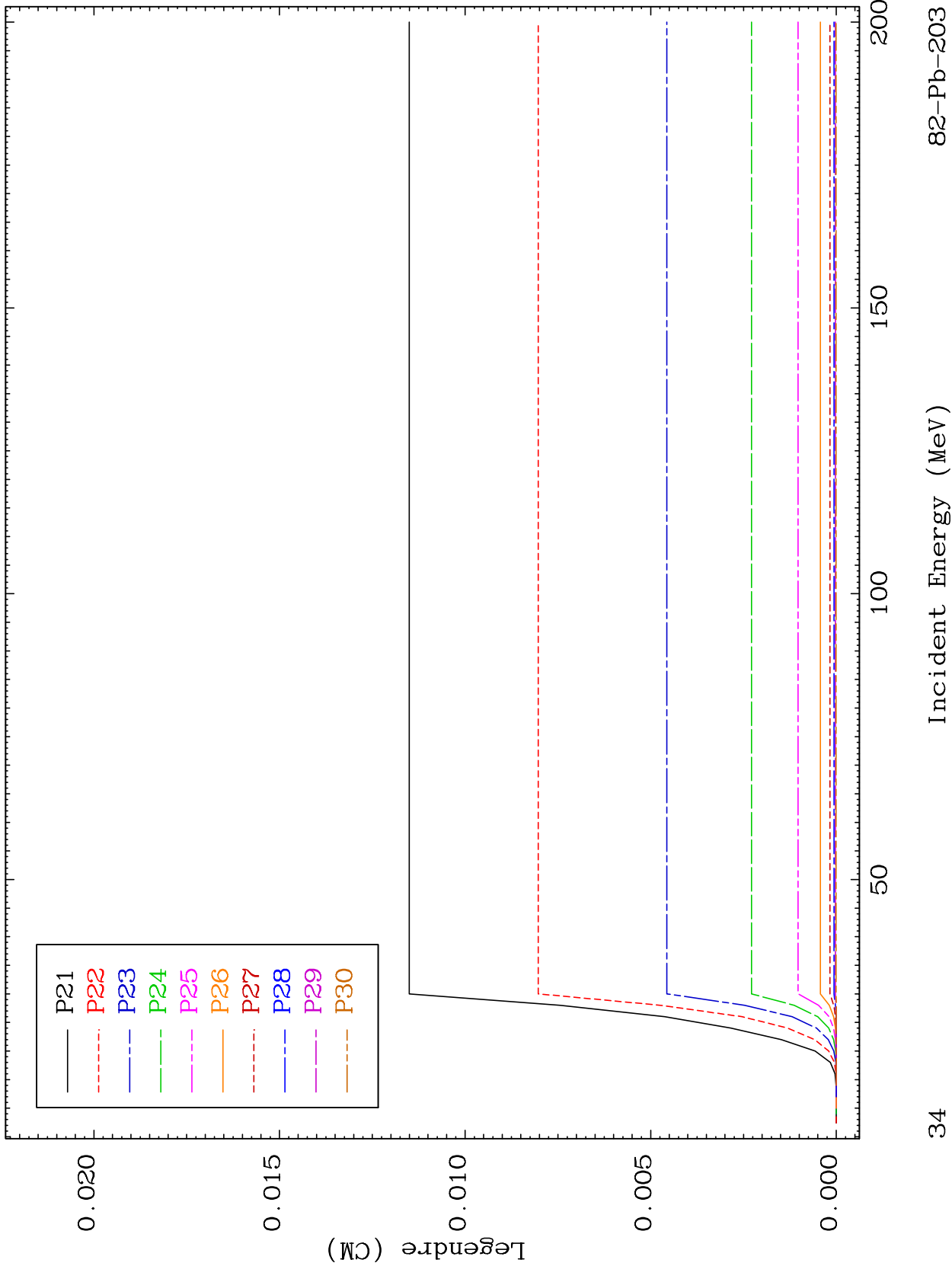
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33

Incident Energy (MeV)

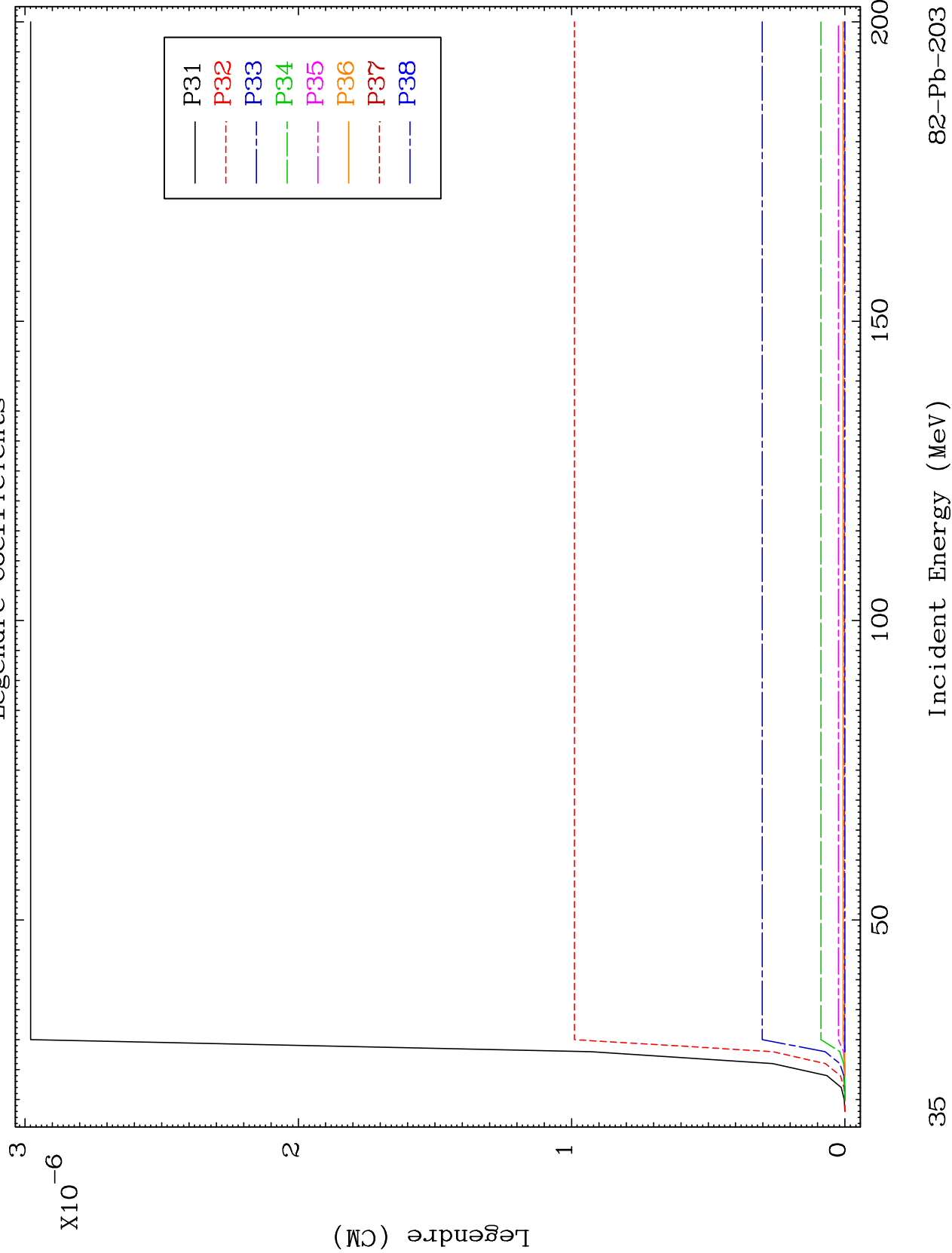
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MAT 8222

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

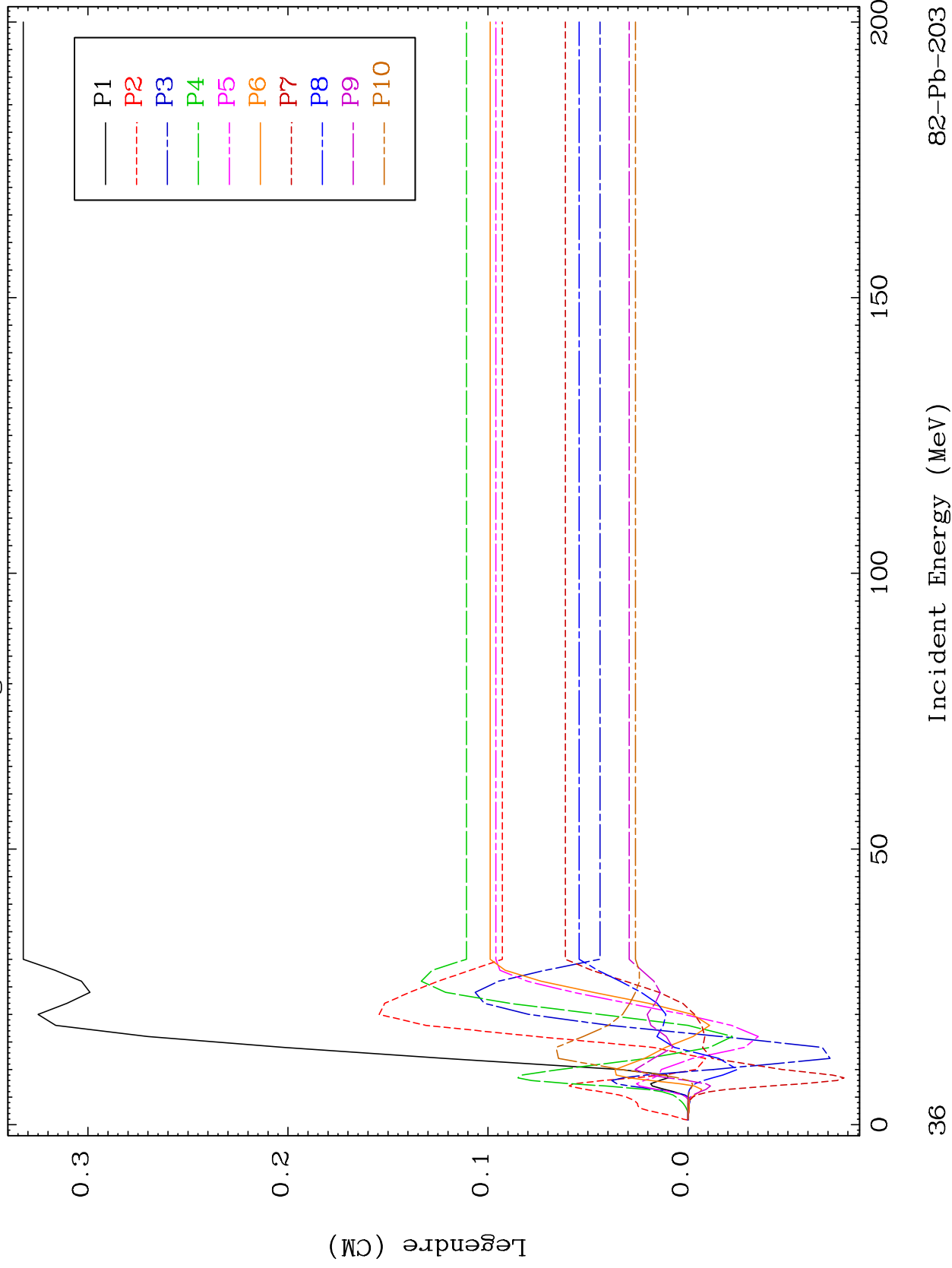
82-Pb-203



MAT 82222

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

82-Pb-203



36

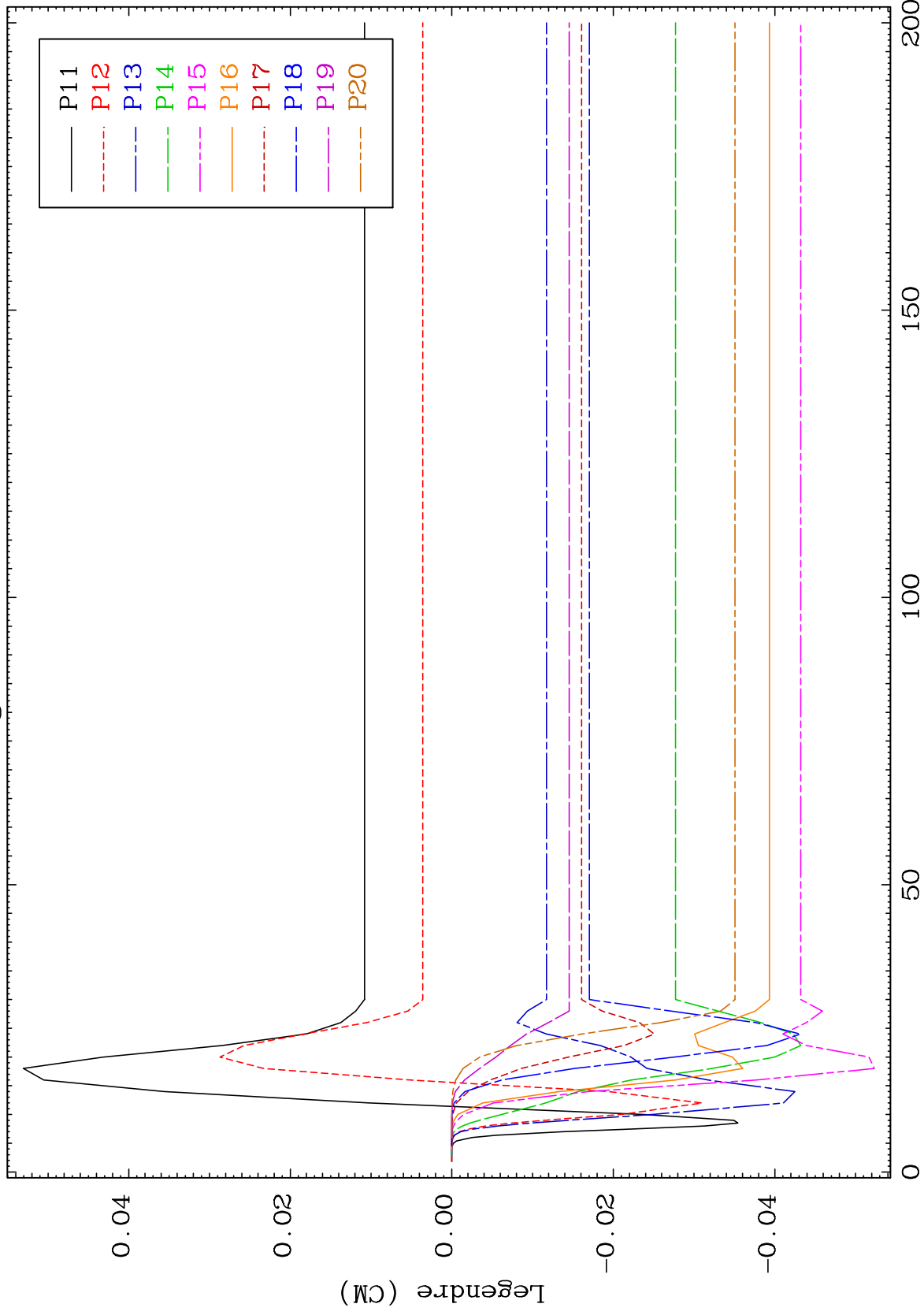
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

82-Pb-203



37

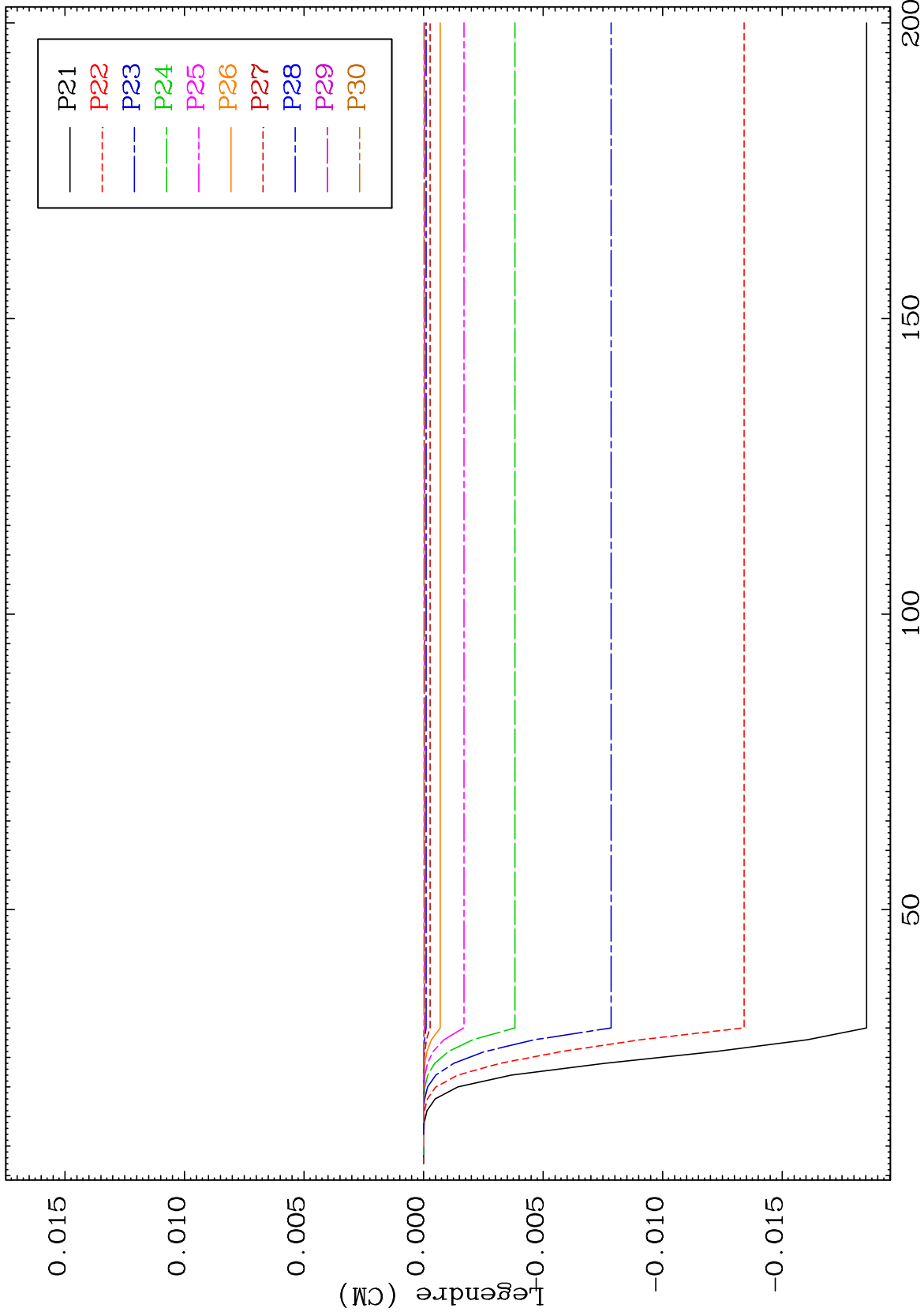
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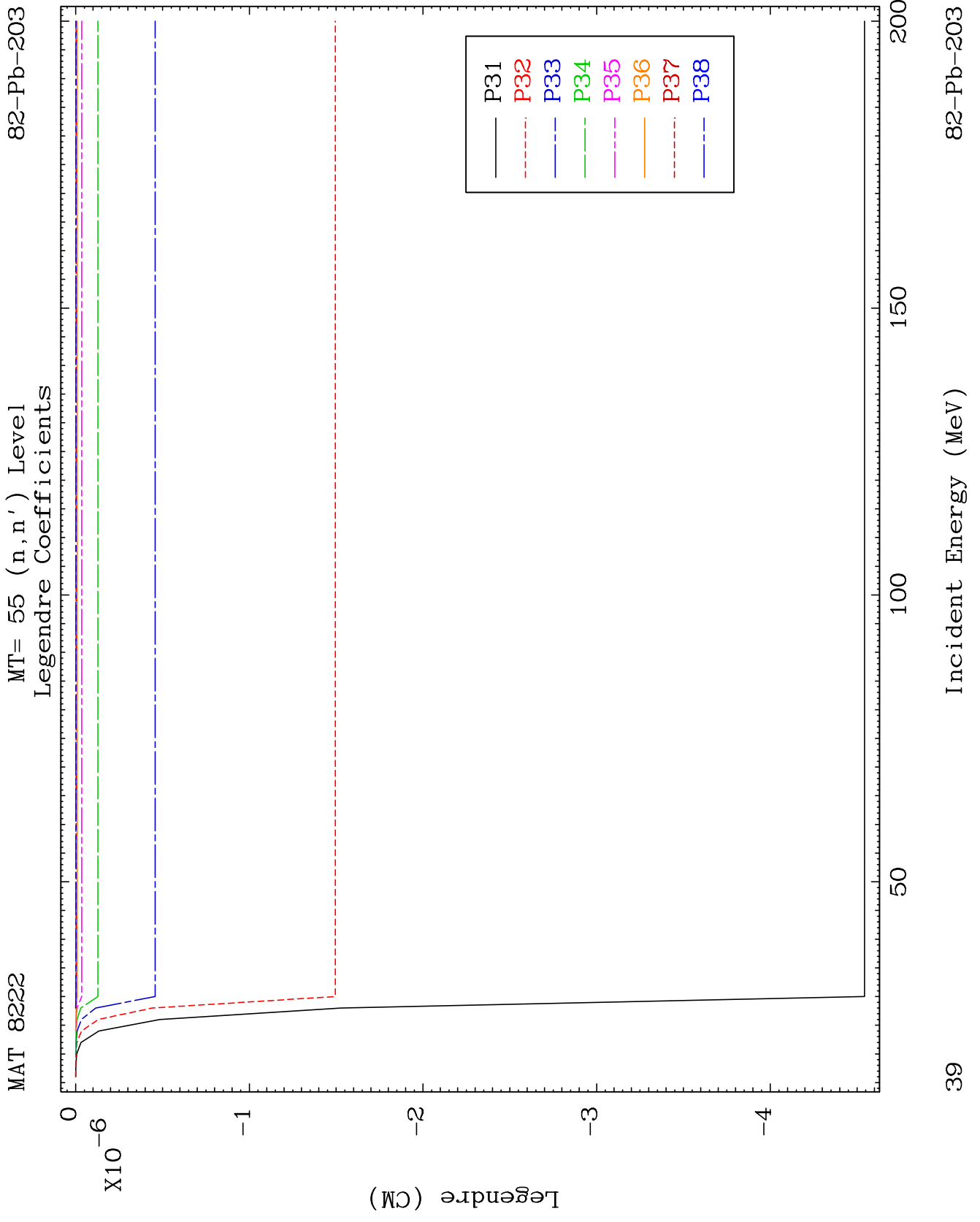
82-Pb-203

MAT 82222

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

82-Pb-203

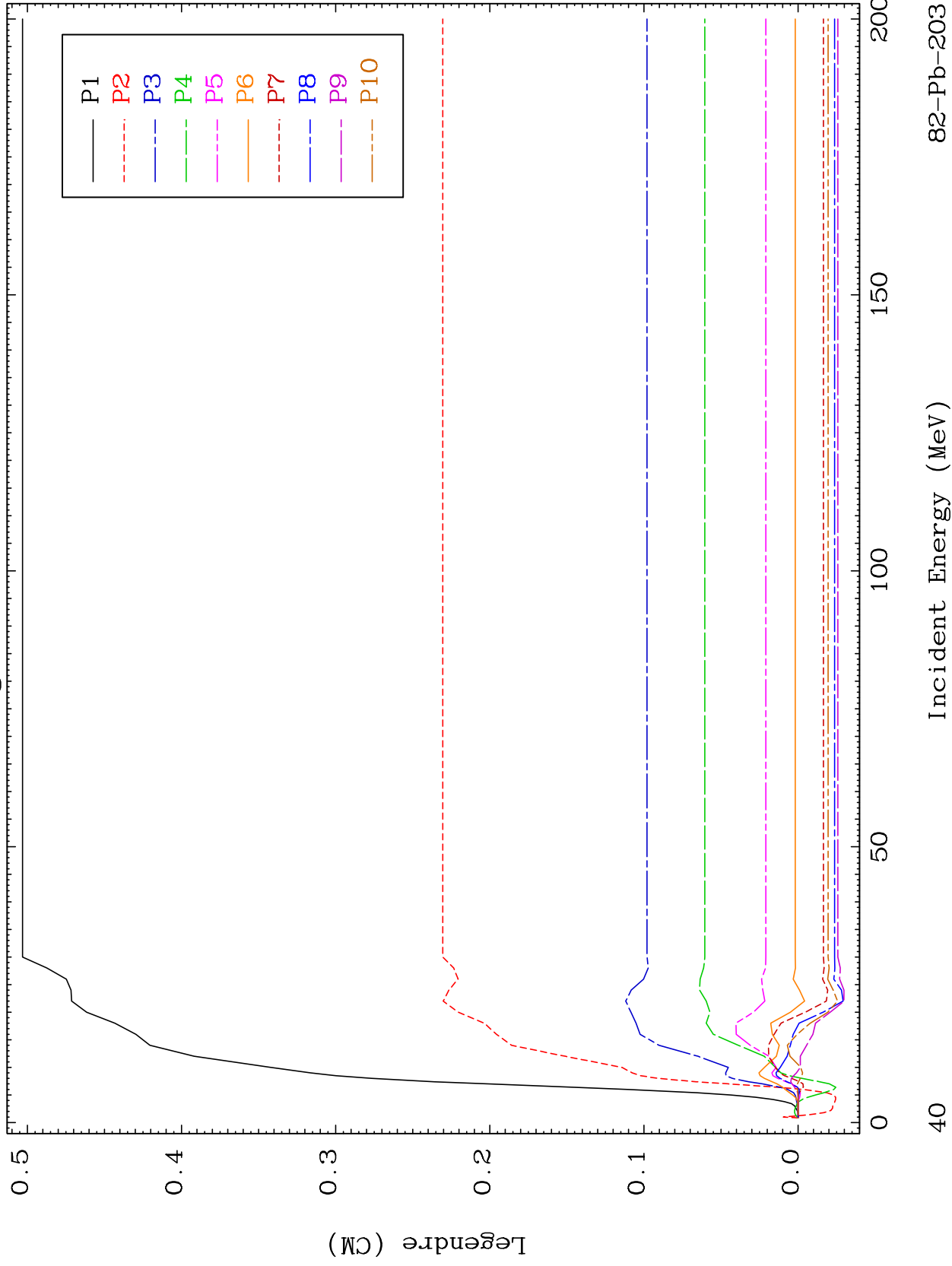




MAT 82222

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

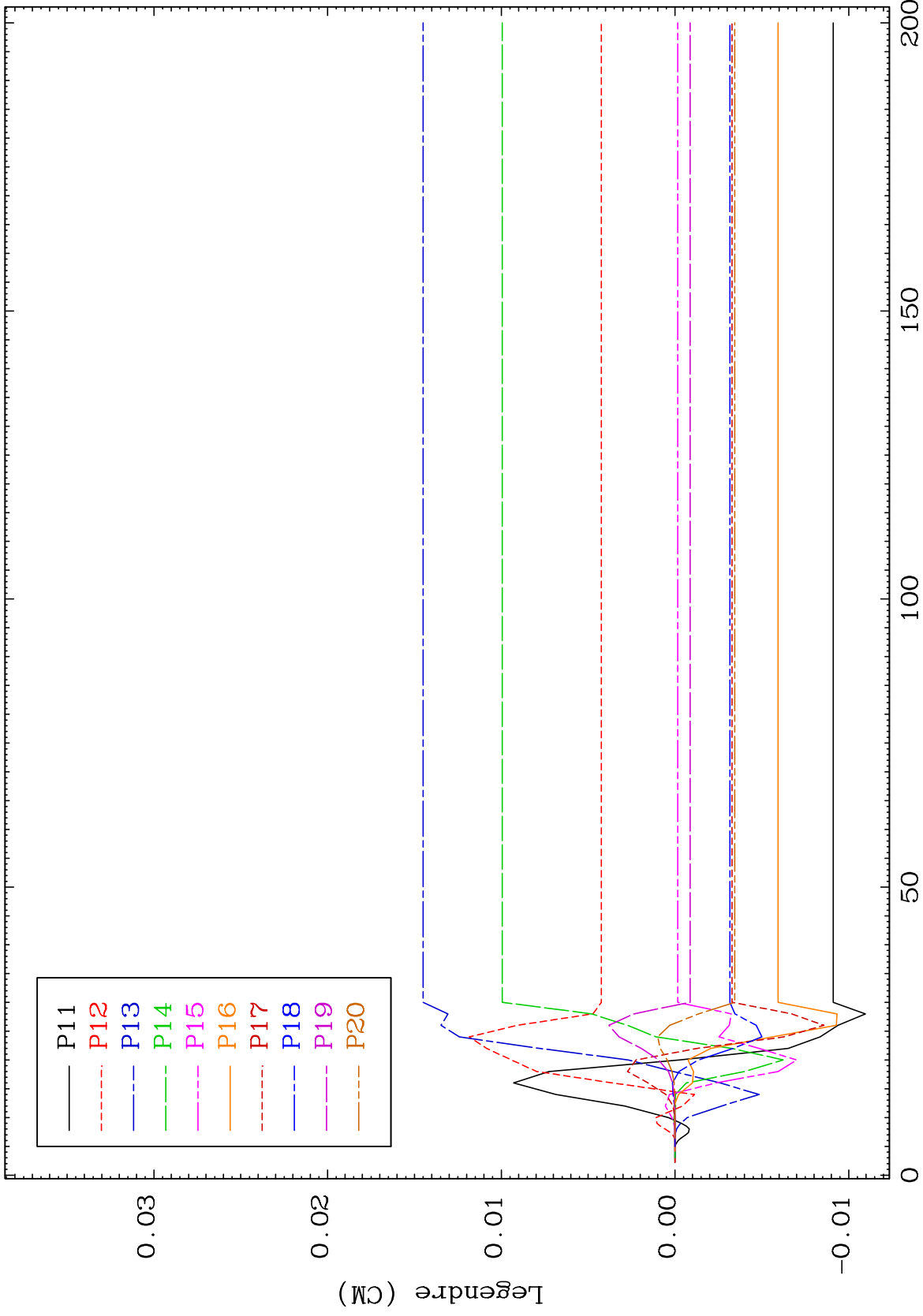
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MAT 8222

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

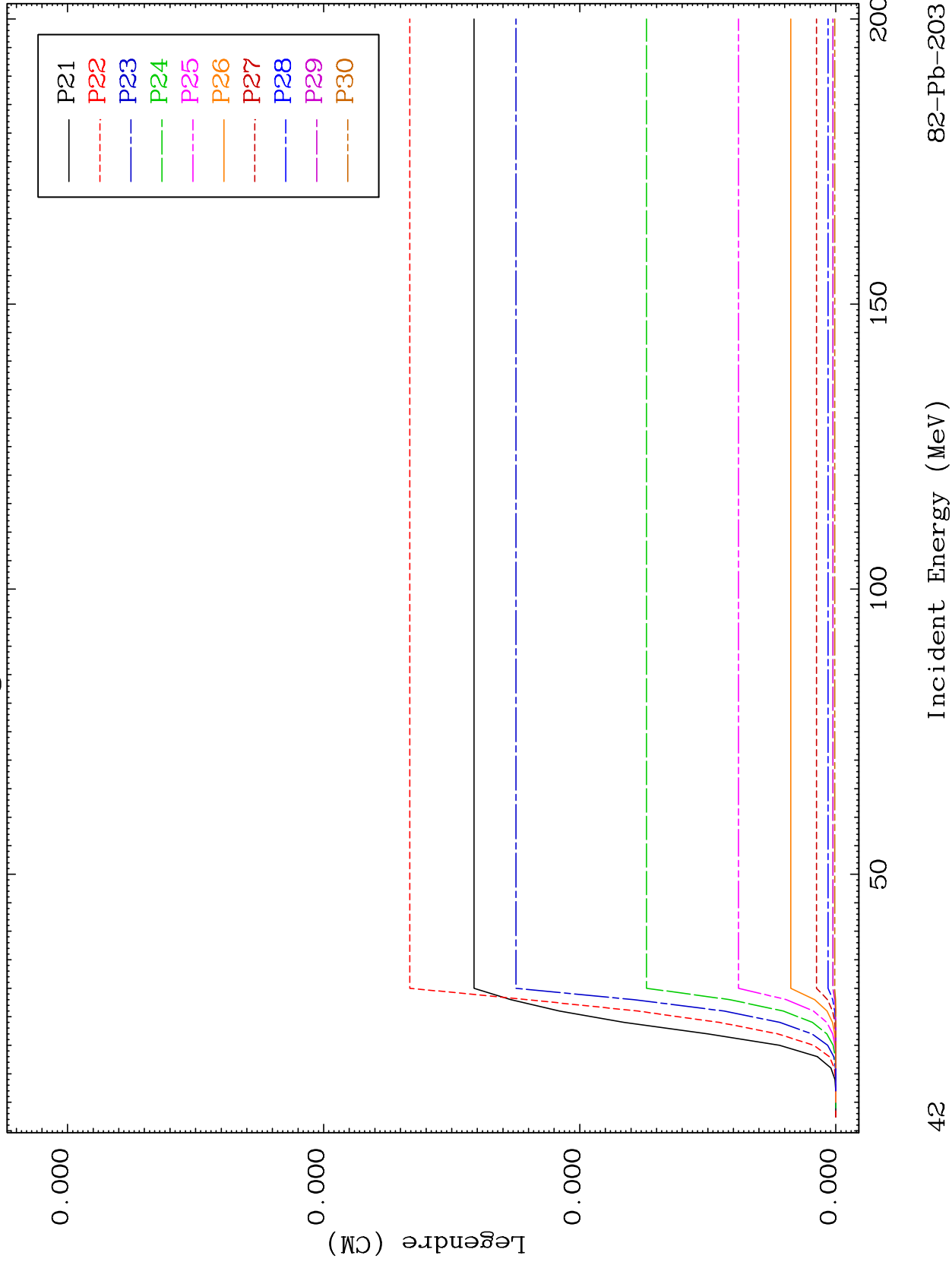
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MAT 8222

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

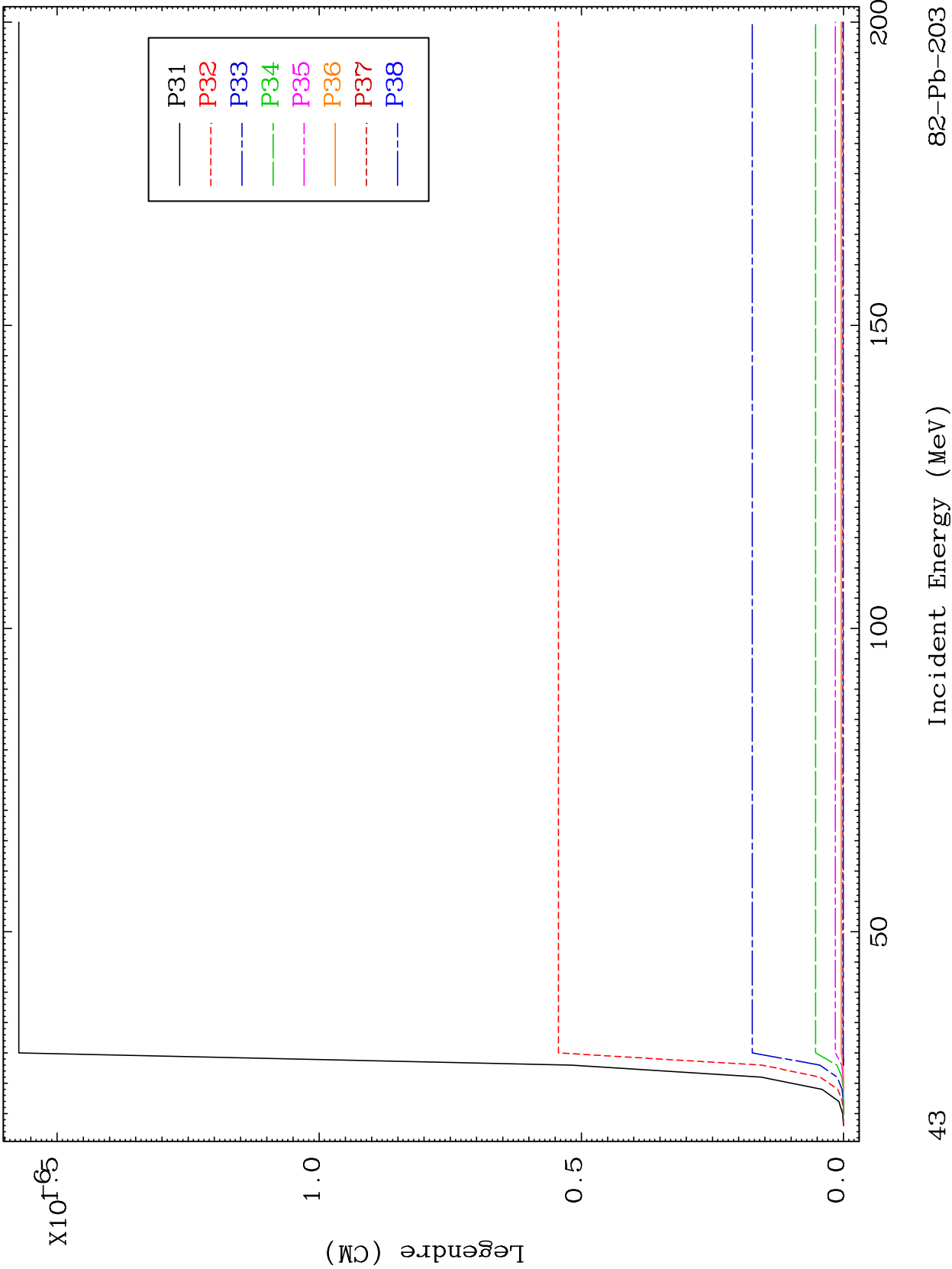
82-Pb-203



MAT 8222

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

82-Pb-203



43

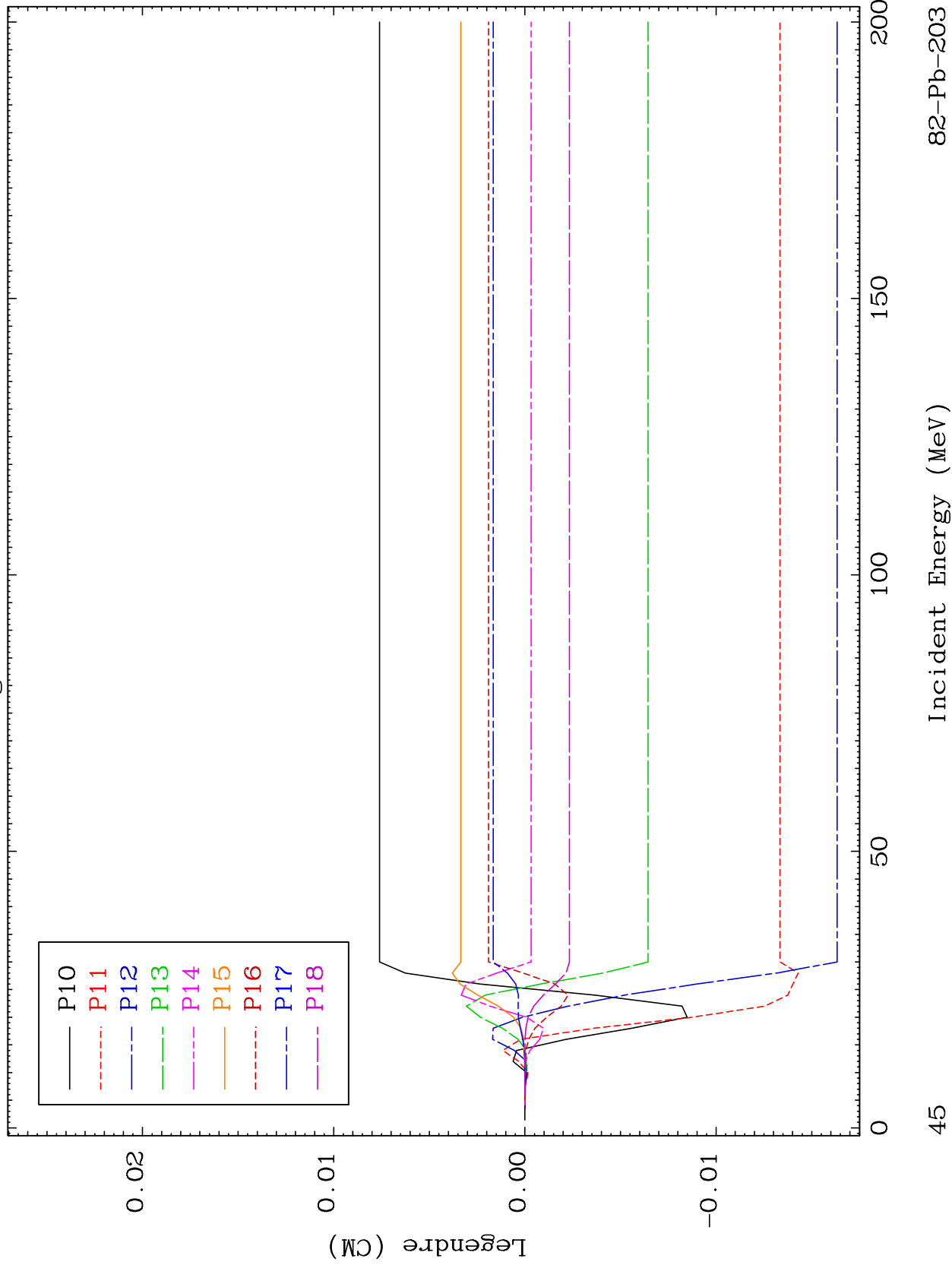
Incident Energy (MeV)

82-Pb-203

MAT 8222

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

82-Pb-203



82-Pb-203

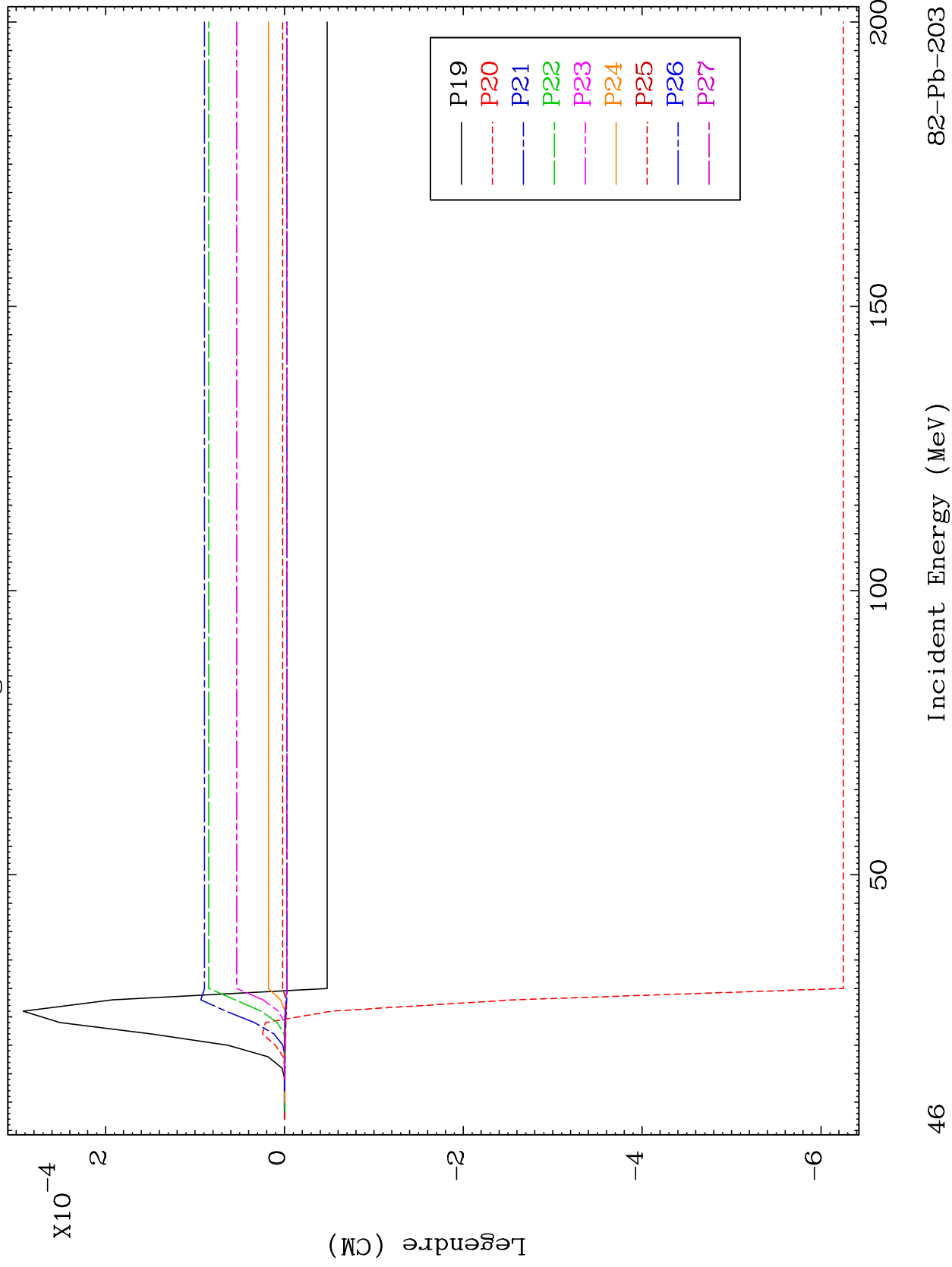
Incident Energy (MeV)

45

MAT 8222

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

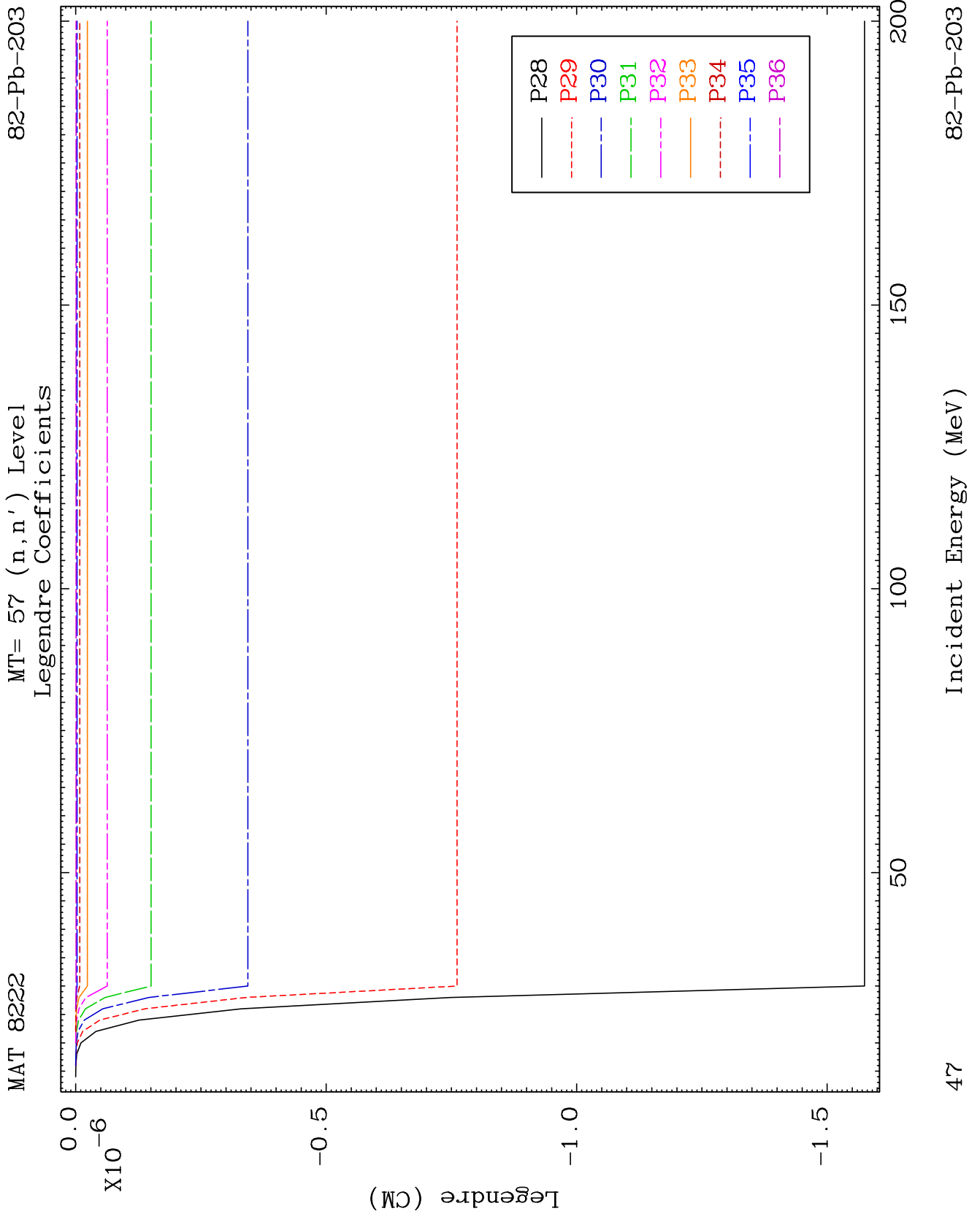
82-Pb-203



46

Incident Energy (MeV)

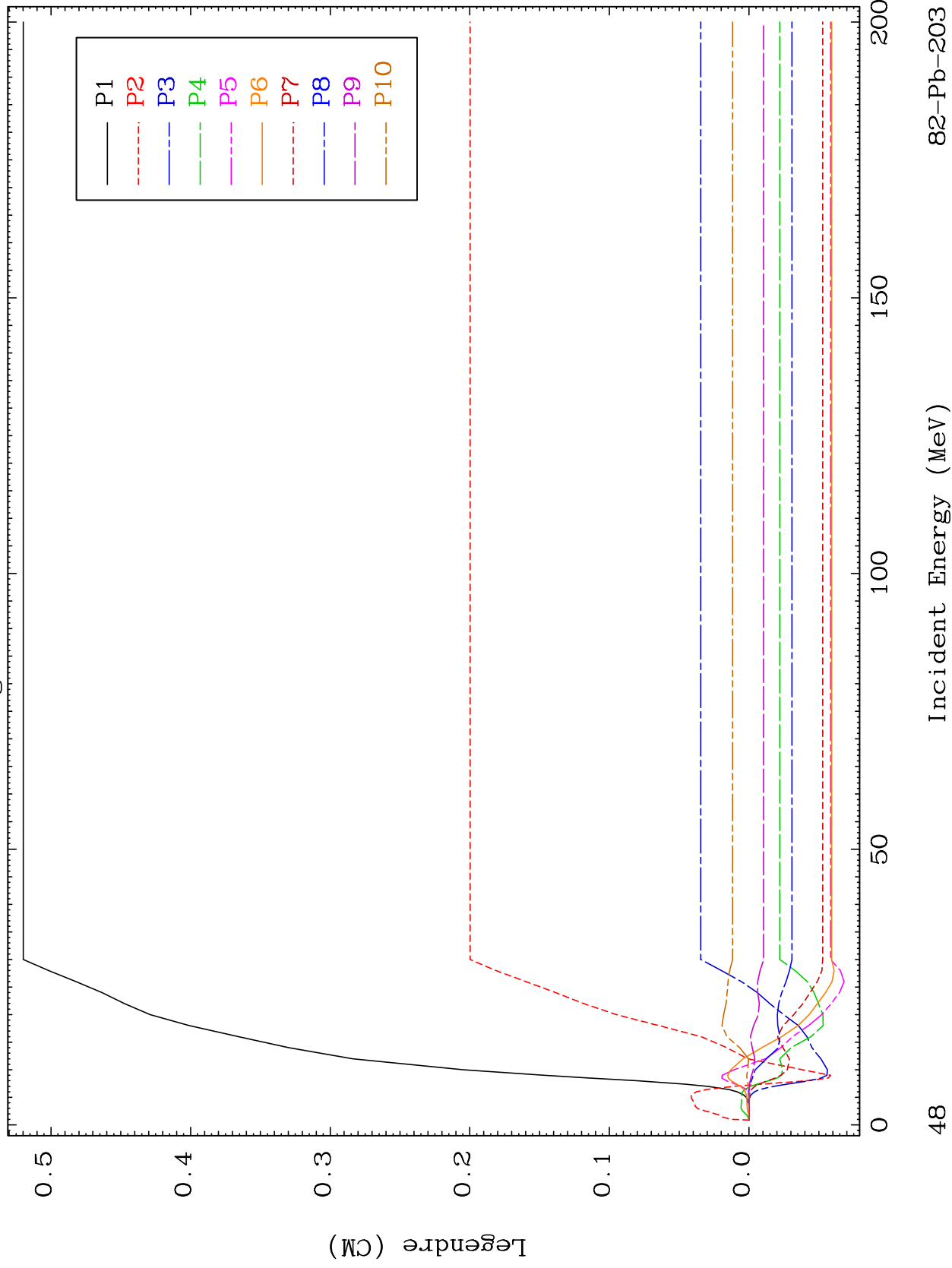
82-Pb-203



MAT 82222

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

82-Pb-203



82-Pb-203

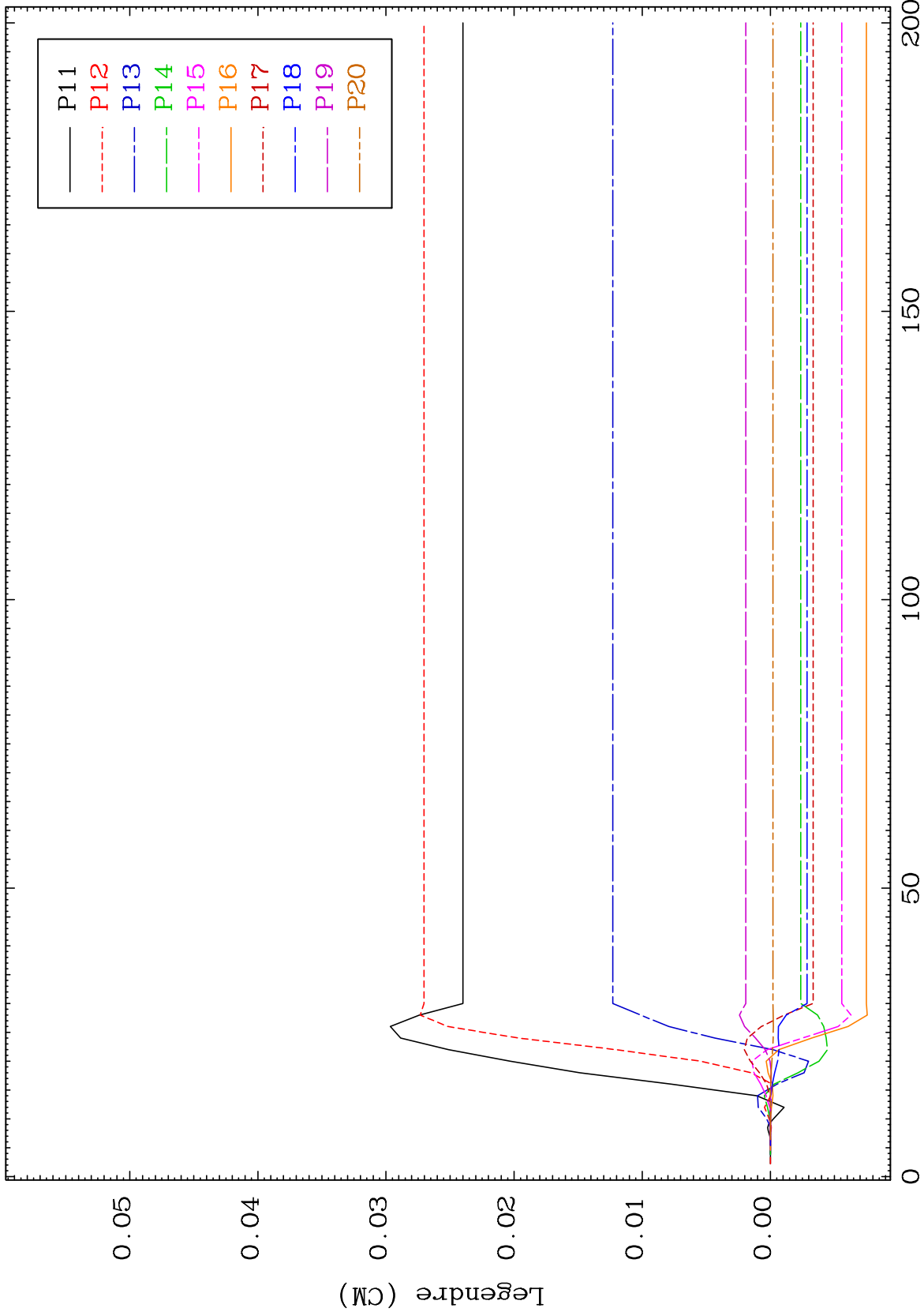
Incident Energy (MeV)

48

MAT 82222

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

82-Pb-203



49

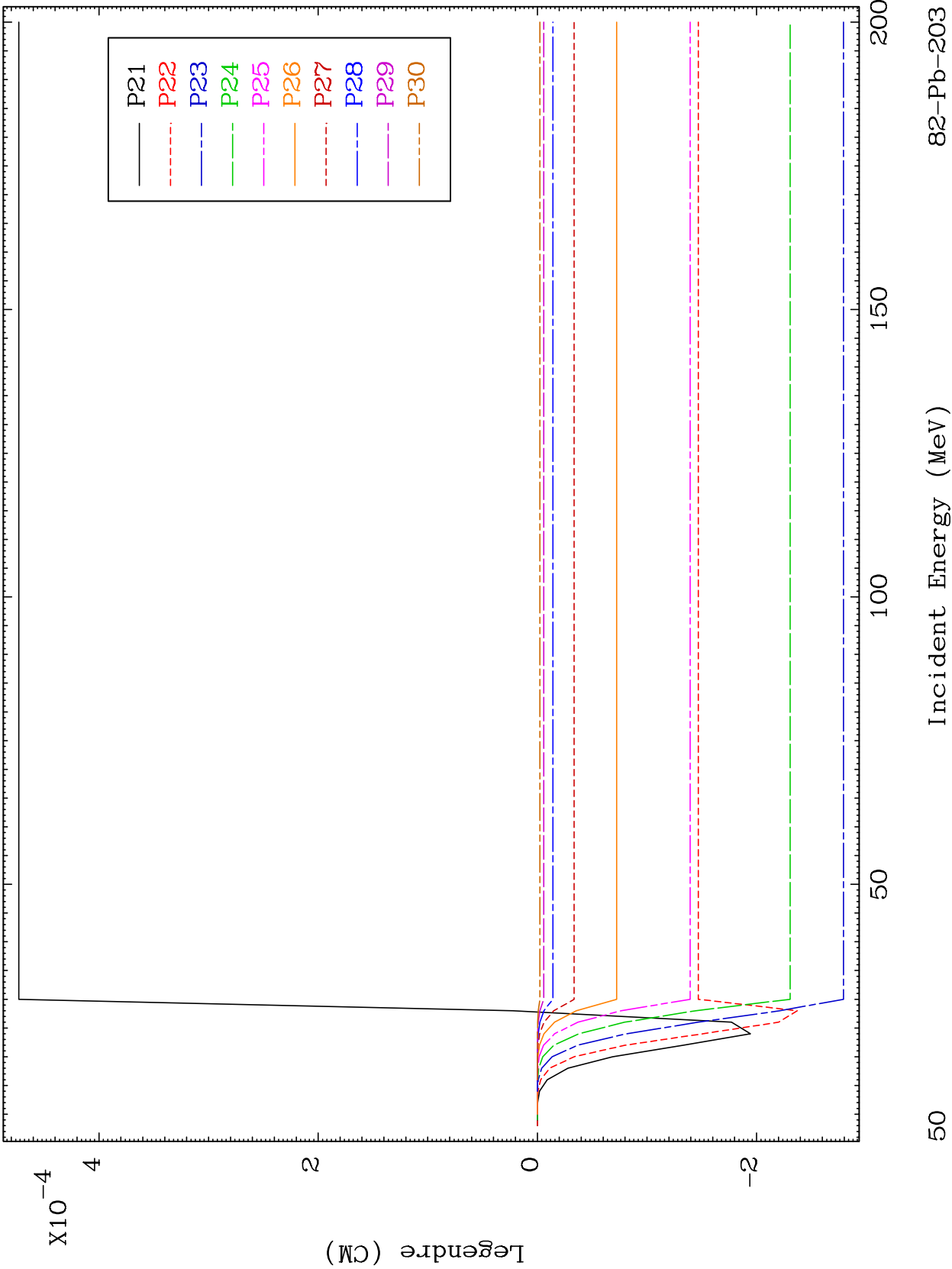
Incident Energy (MeV)

82-Pb-203

MAT 8222

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

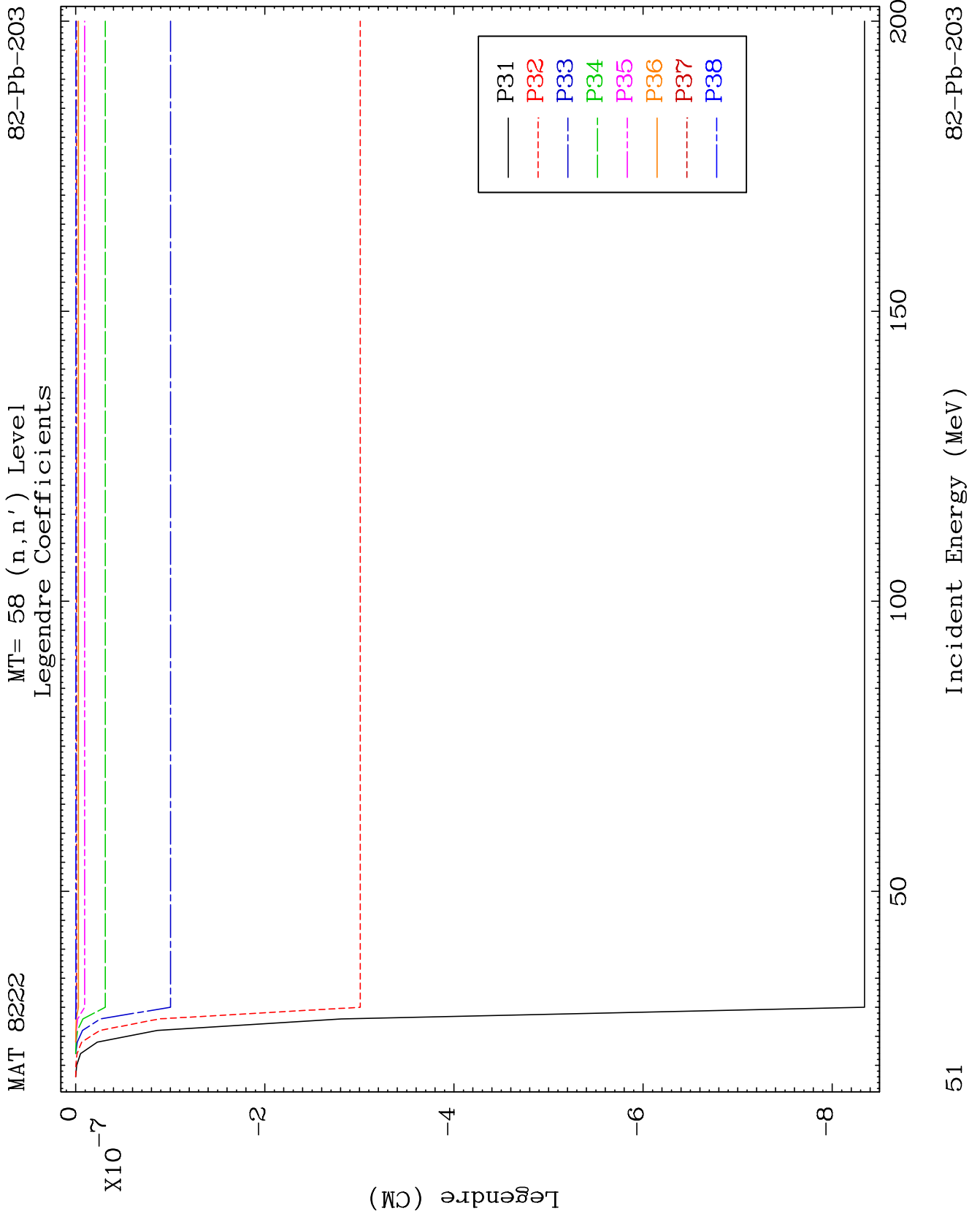
82-Pb-203



82-Pb-203

Incident Energy (MeV)

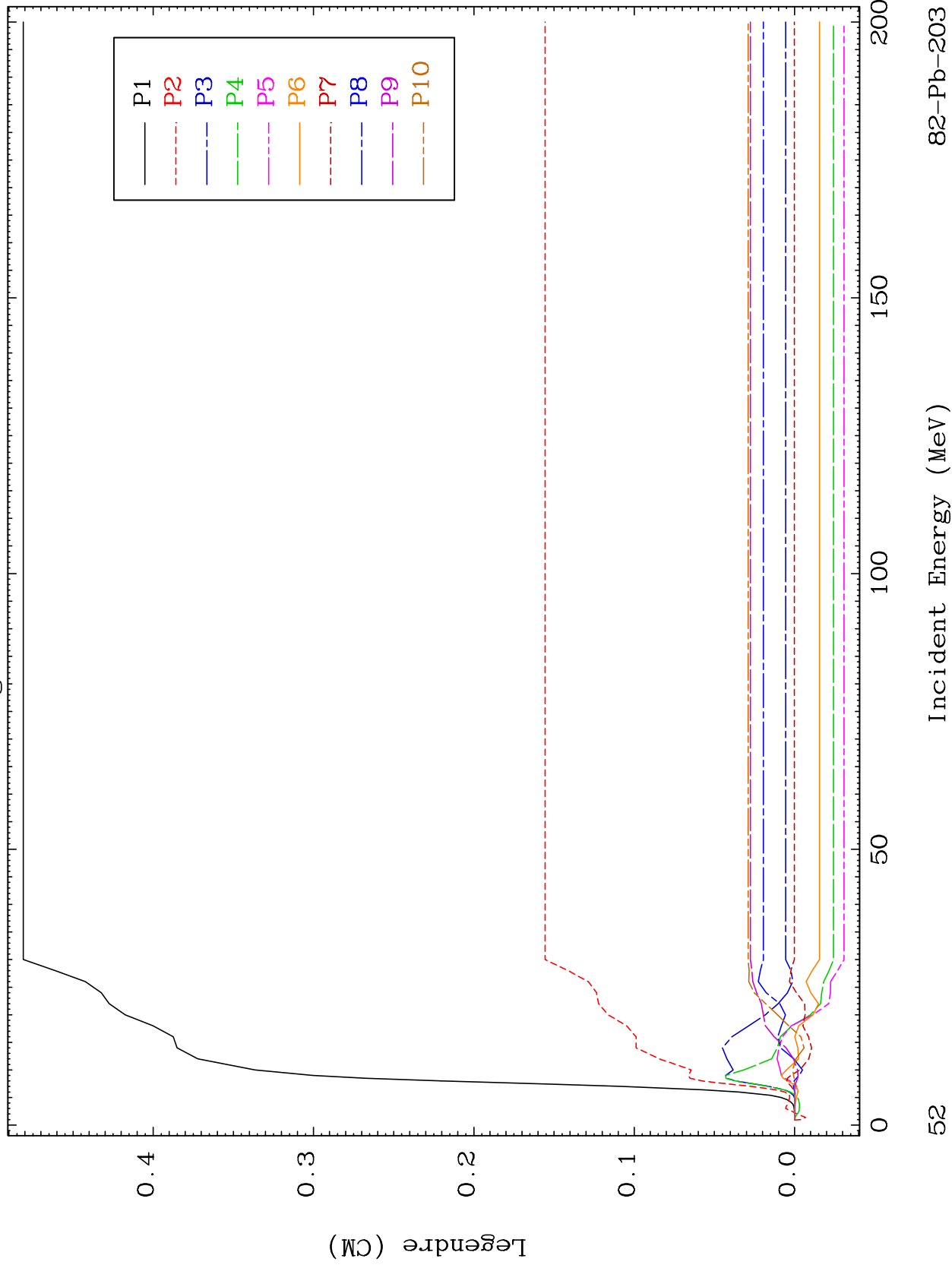
50



MAT 82222

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

82-Pb-203



52

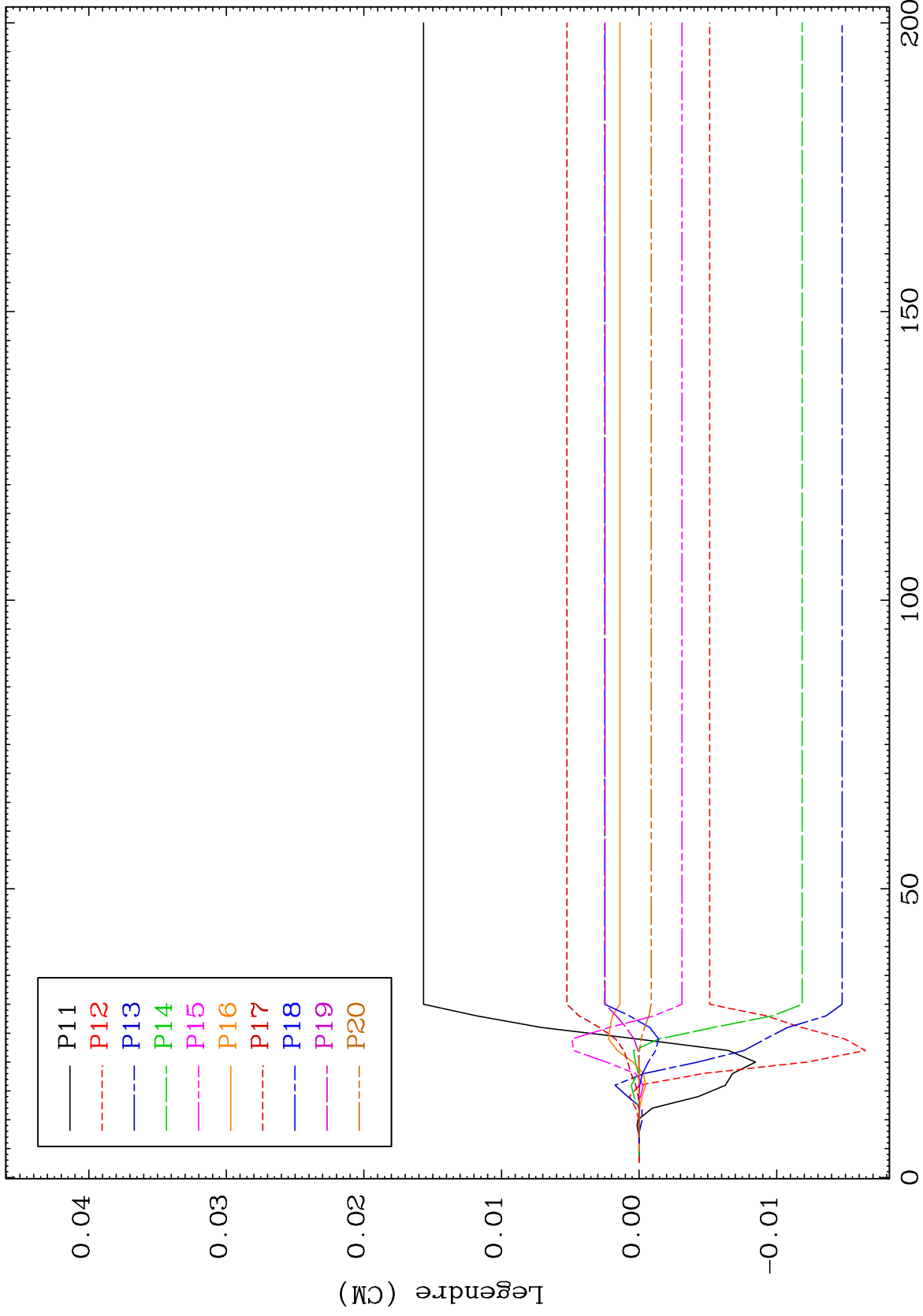
Incident Energy (MeV)

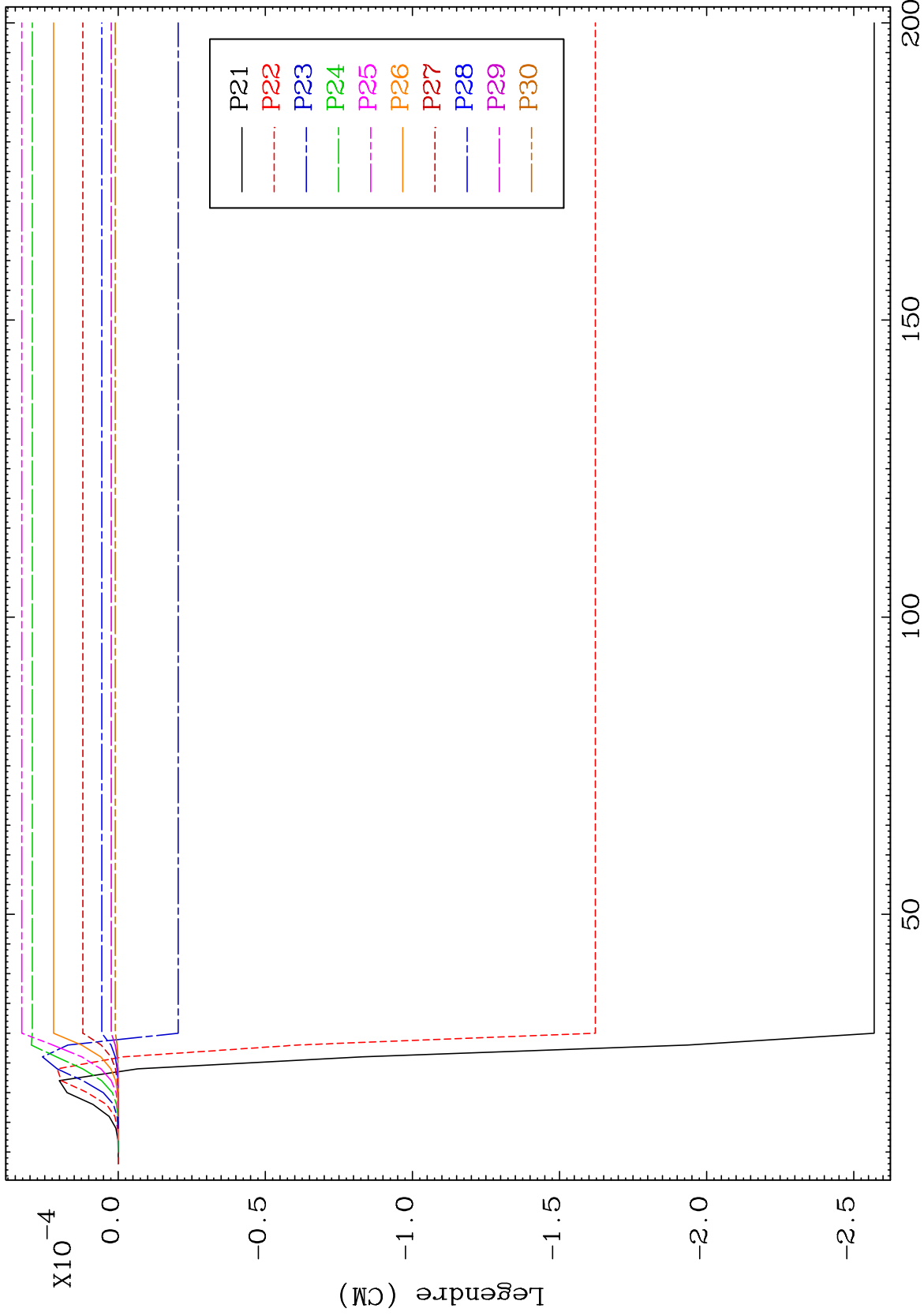
82-Pb-203

MAT 8222

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

82-Pb-203

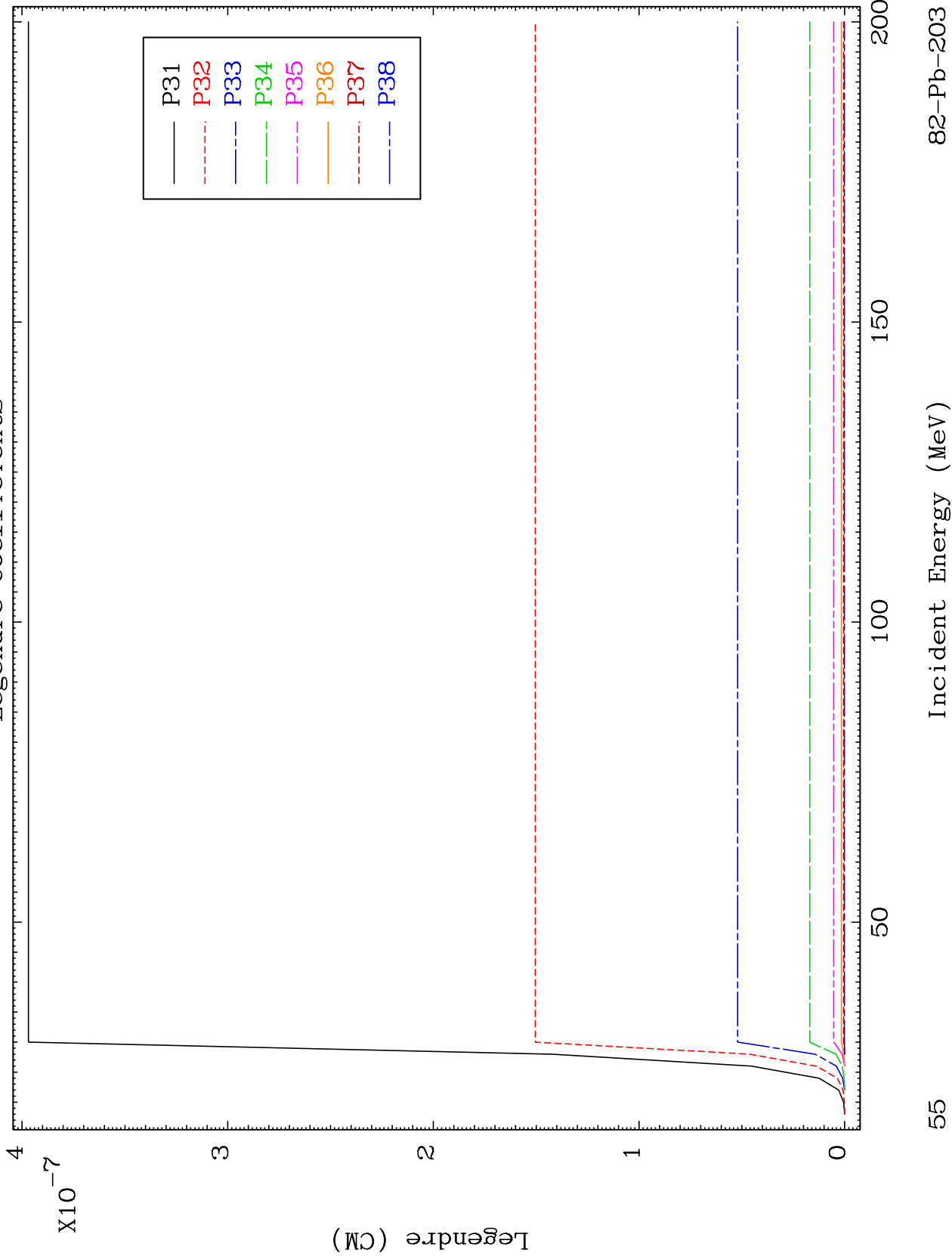




MAT 8222

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

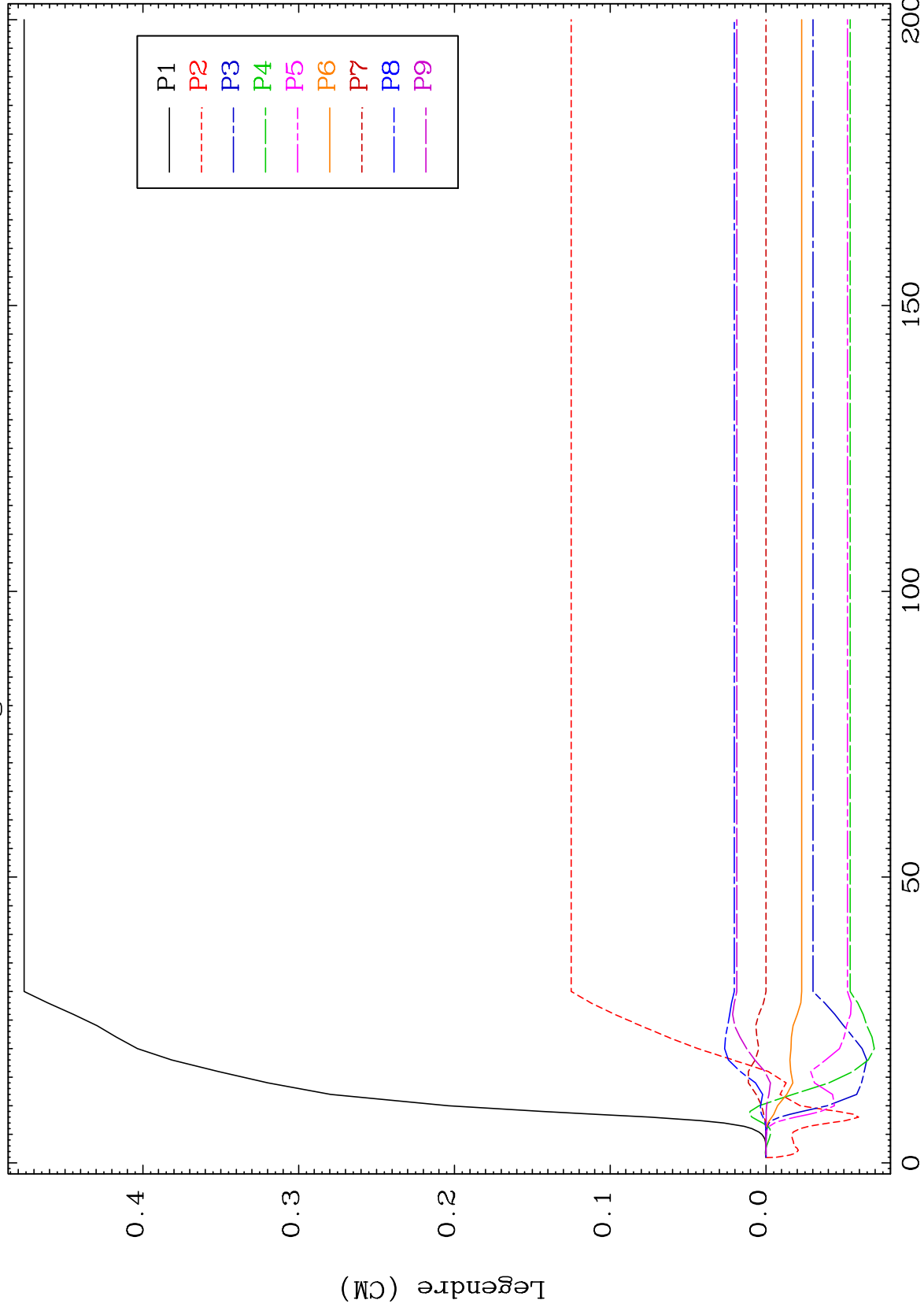
82-Pb-203



MAT 82222

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

82-Pb-203



56

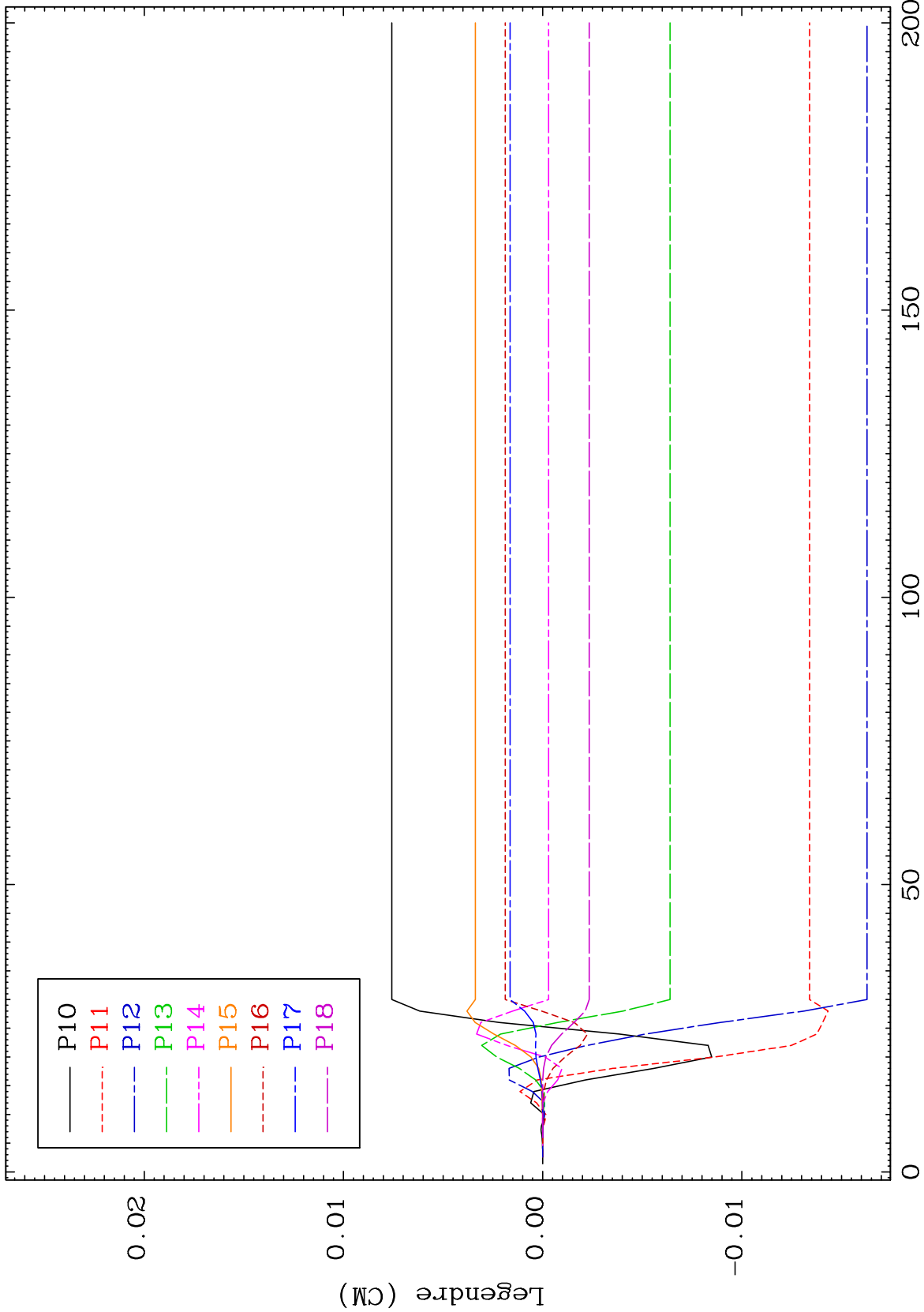
Incident Energy (MeV)

82-Pb-203

MAT 8222

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

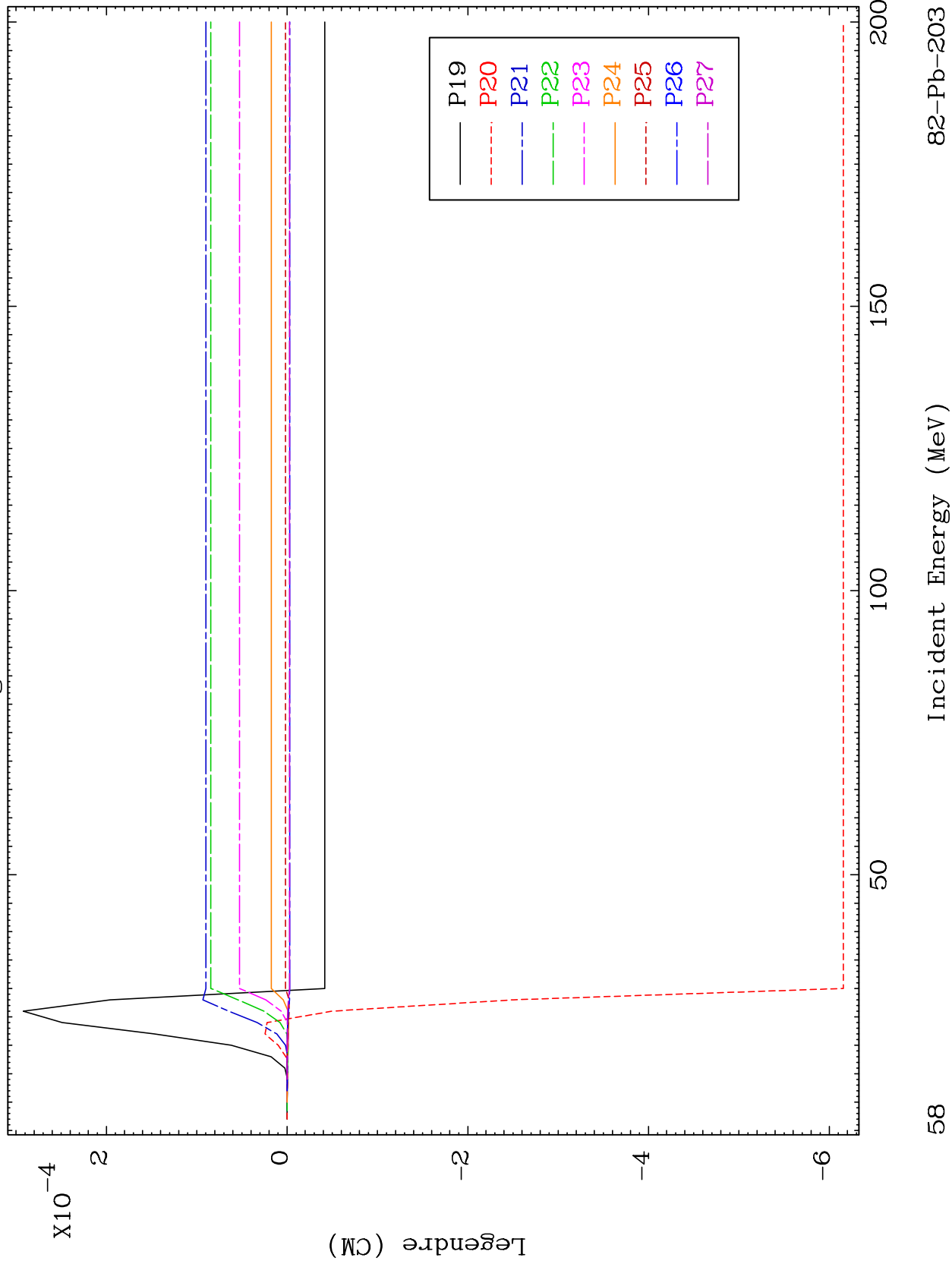
82-Pb-203



MAT 8222

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

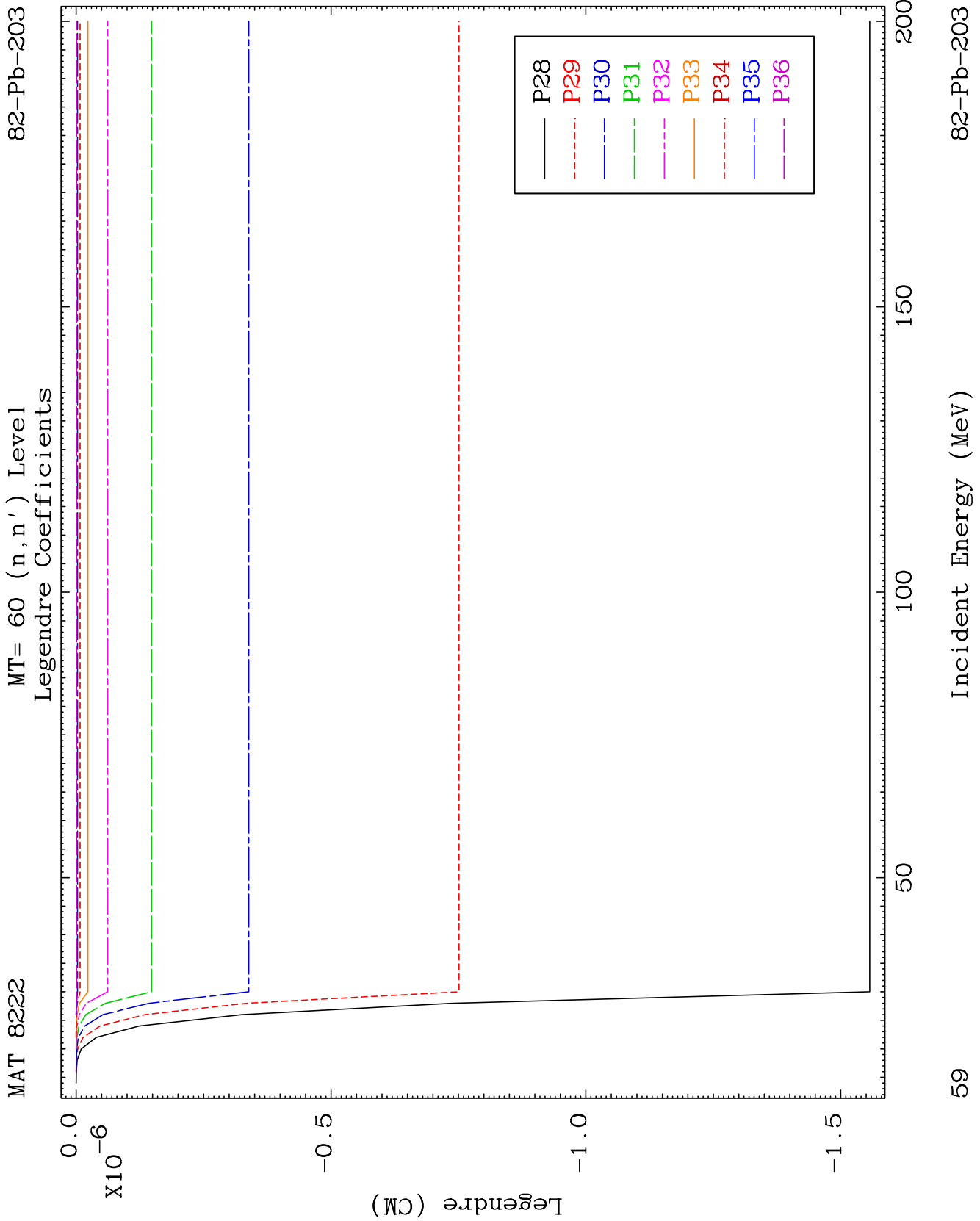
82-Pb-203



58

Incident Energy (MeV)

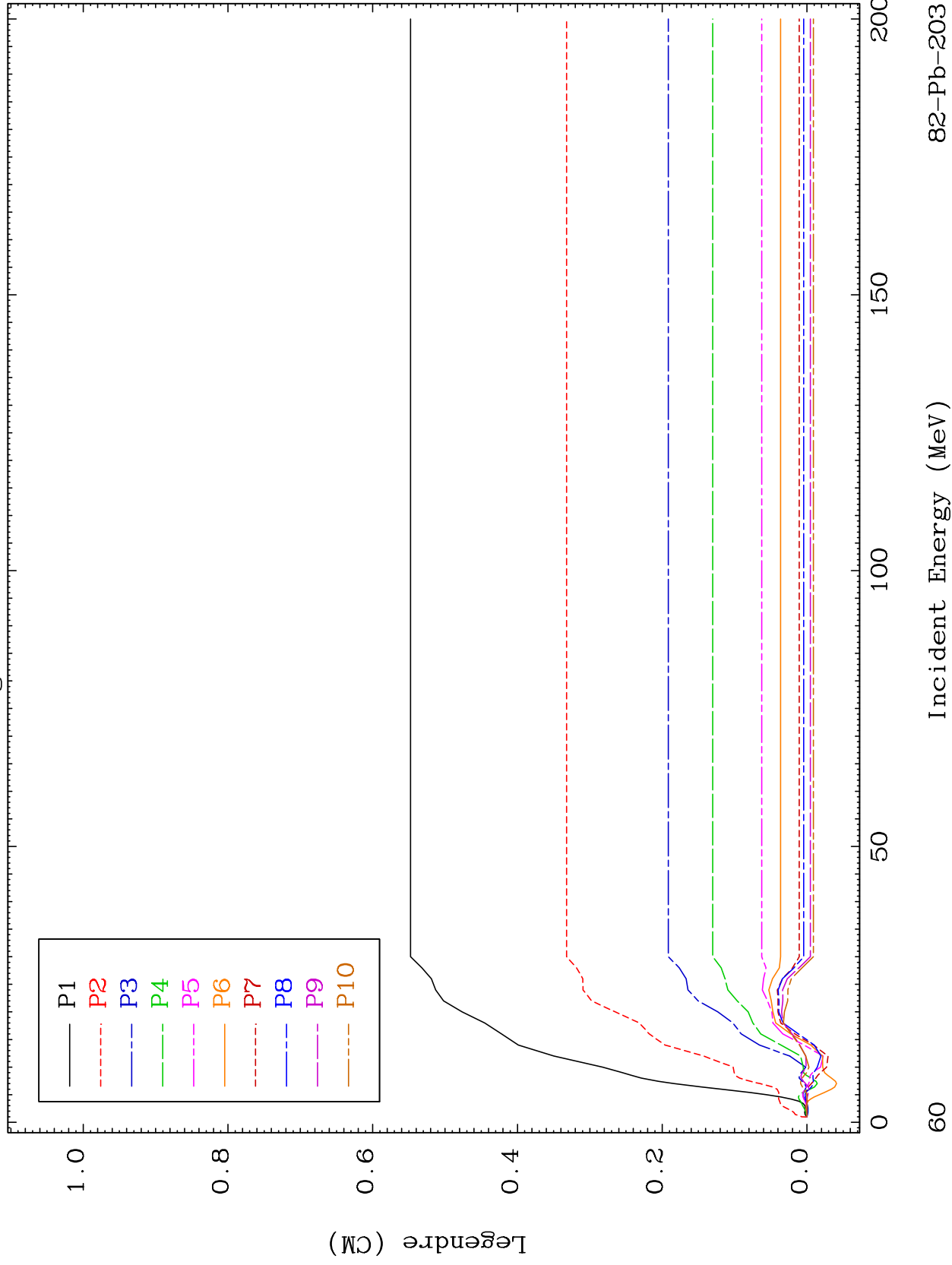
82-Pb-203



MAT 8222

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

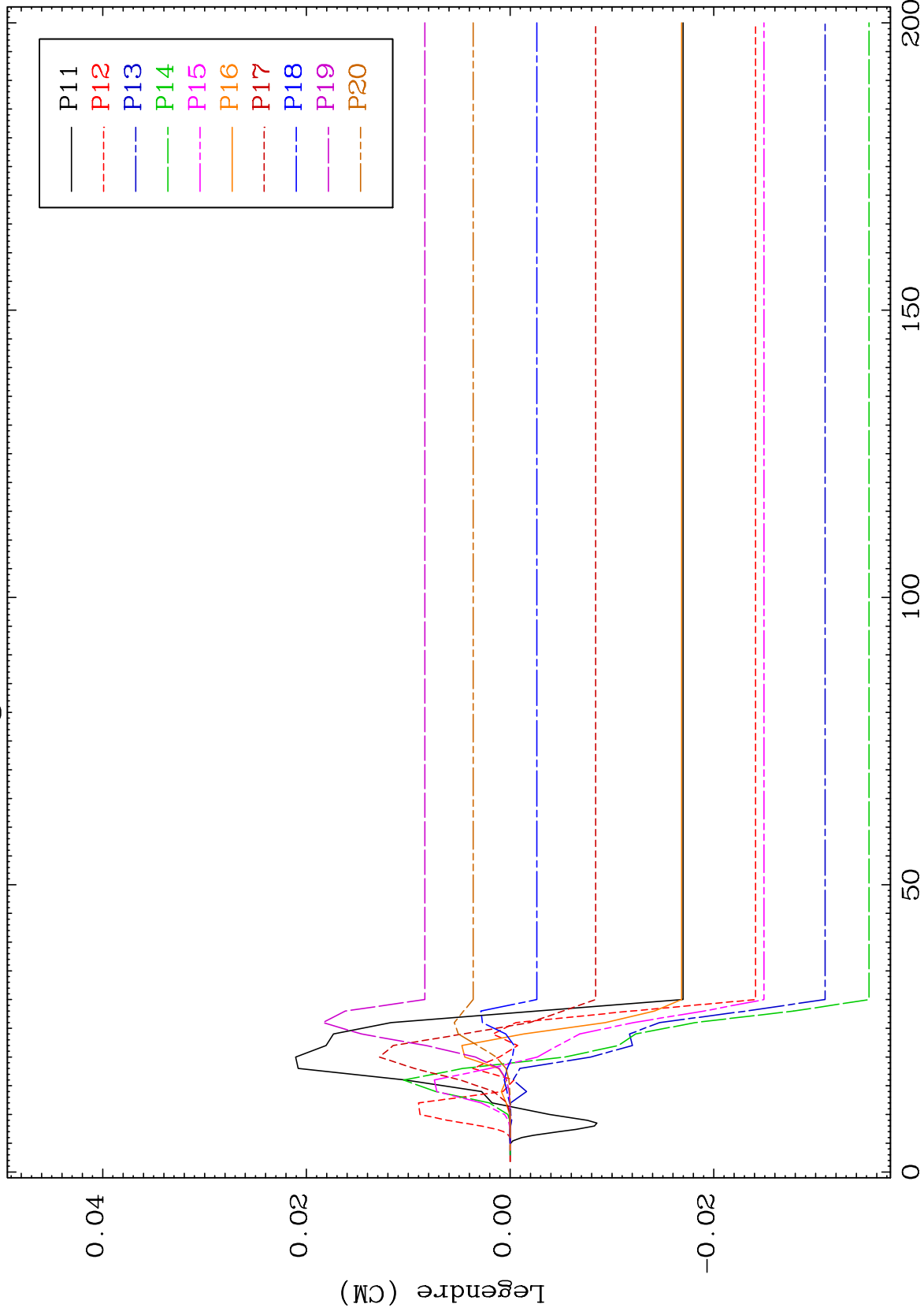
82-Pb-203



MAT 8222

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

82-Pb-203



61

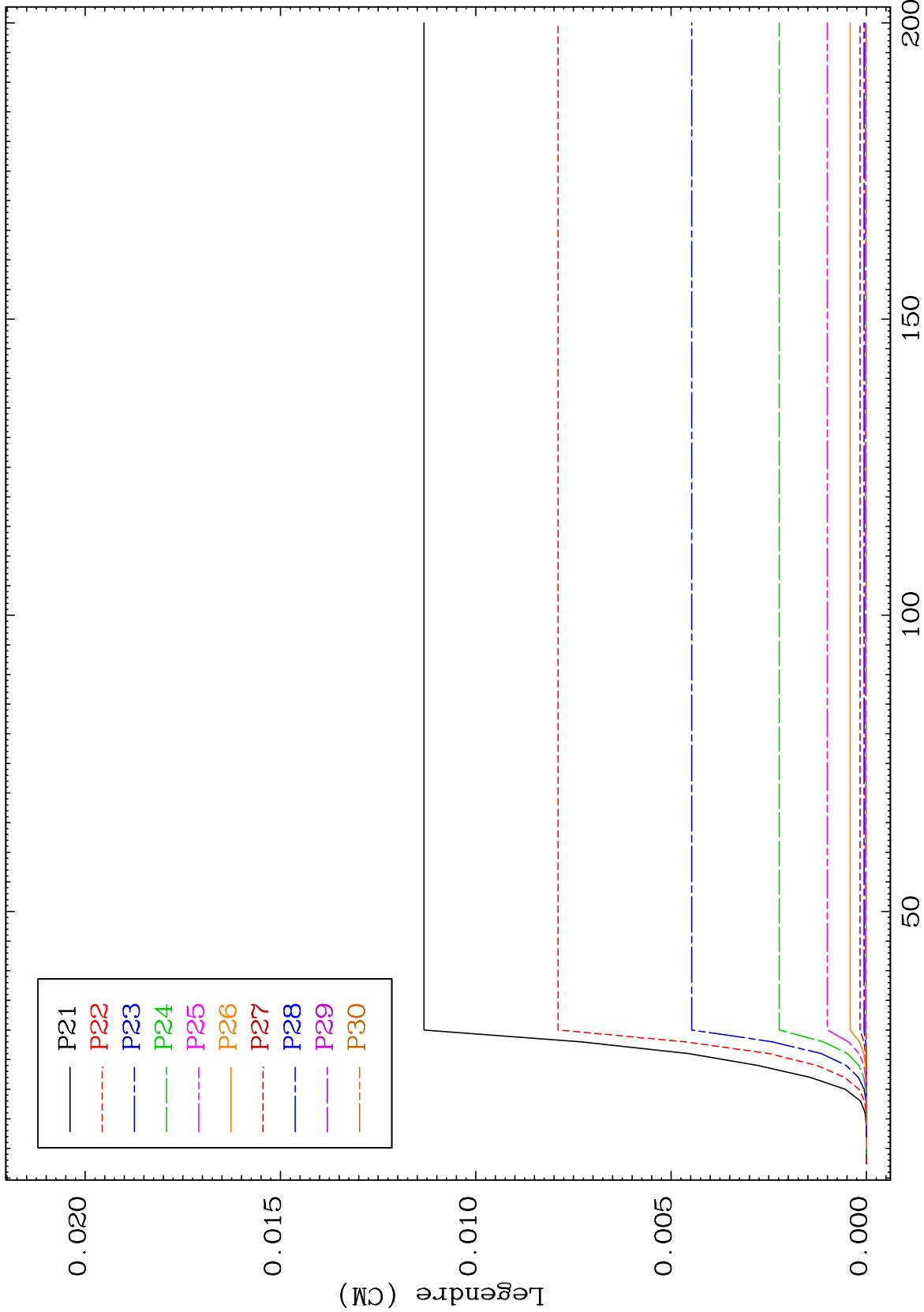
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

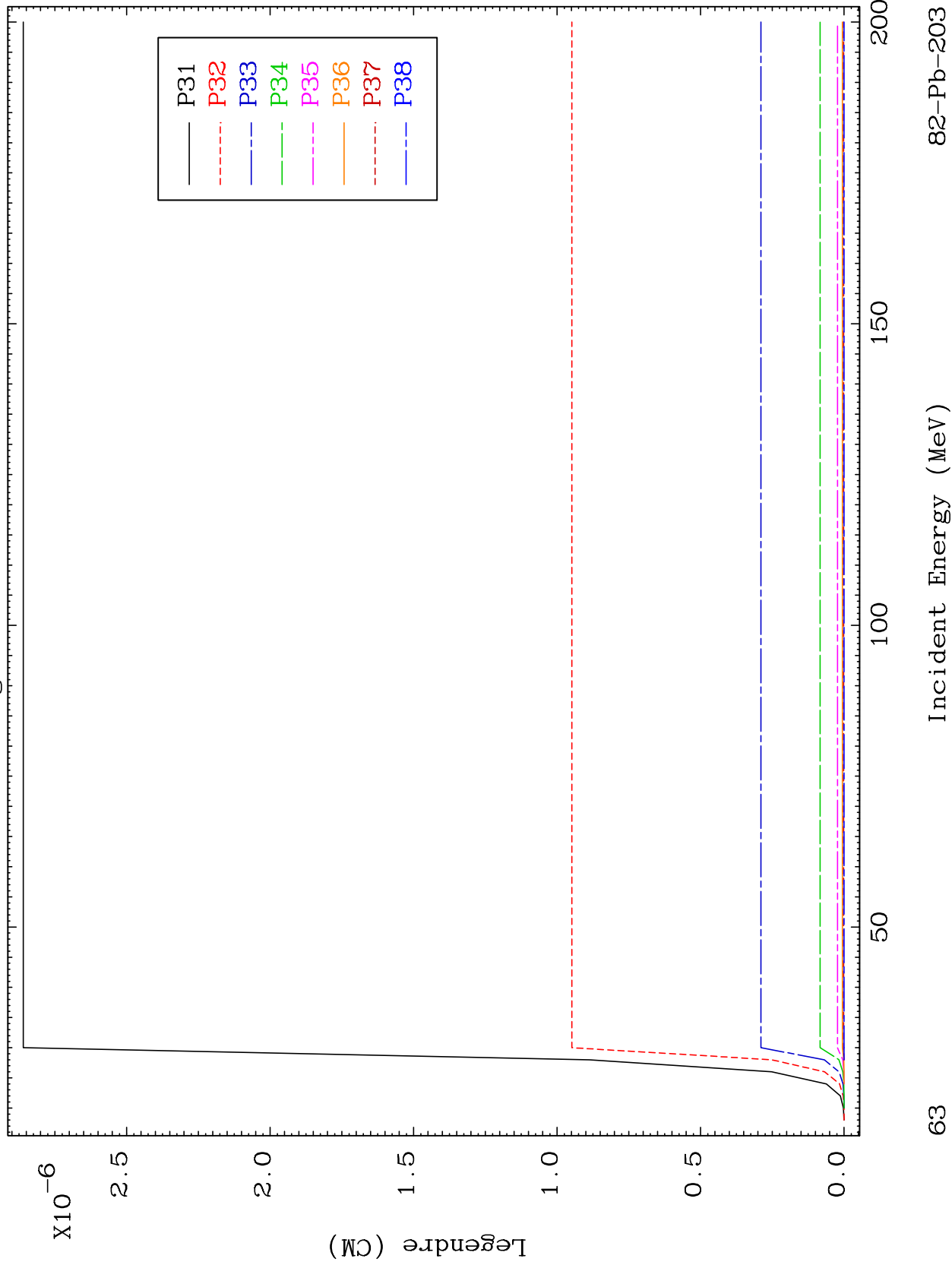
82-Pb-203



MAT 8222

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

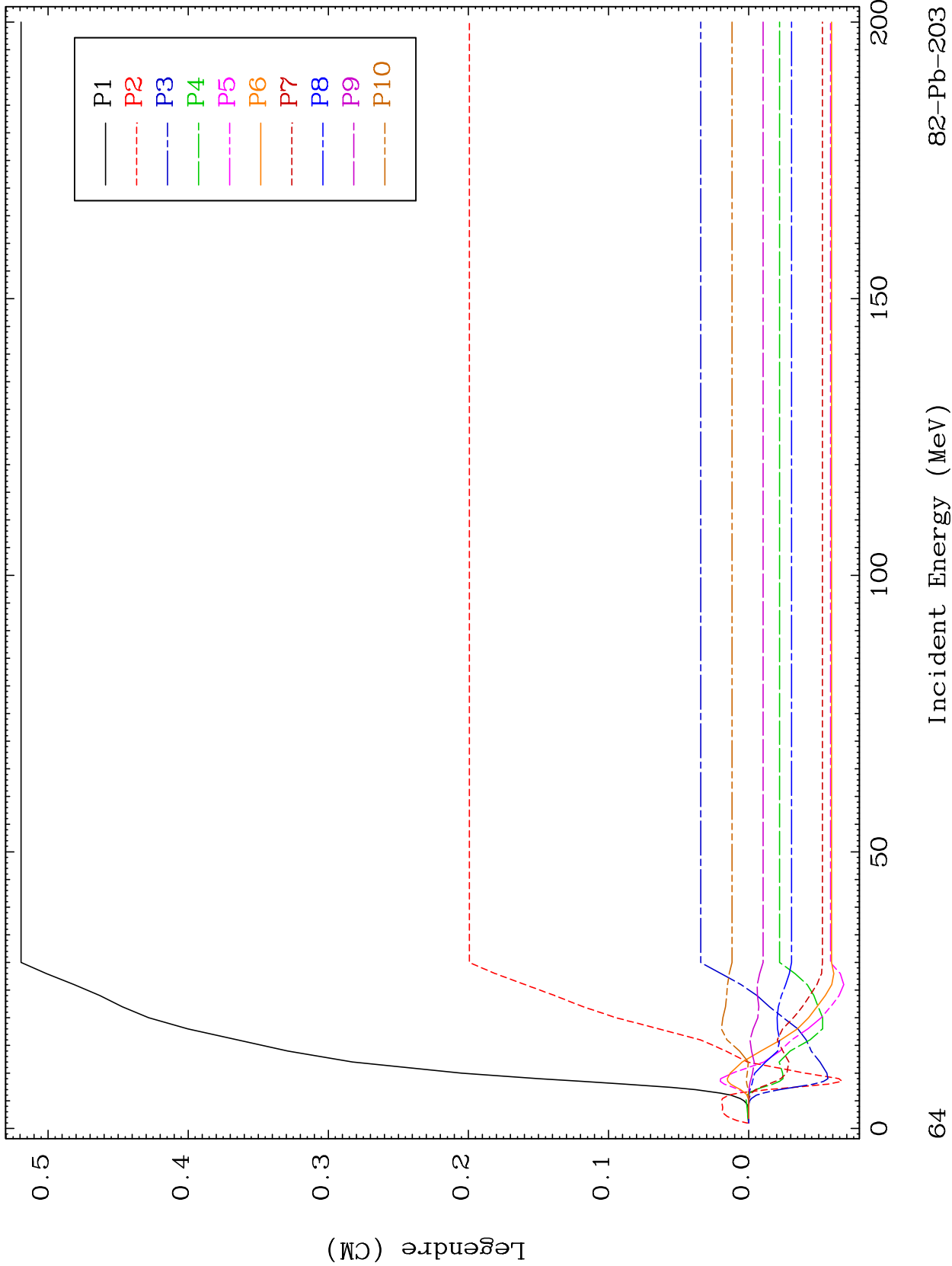
82-Pb-203



MAT 82222

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

82-Pb-203



64

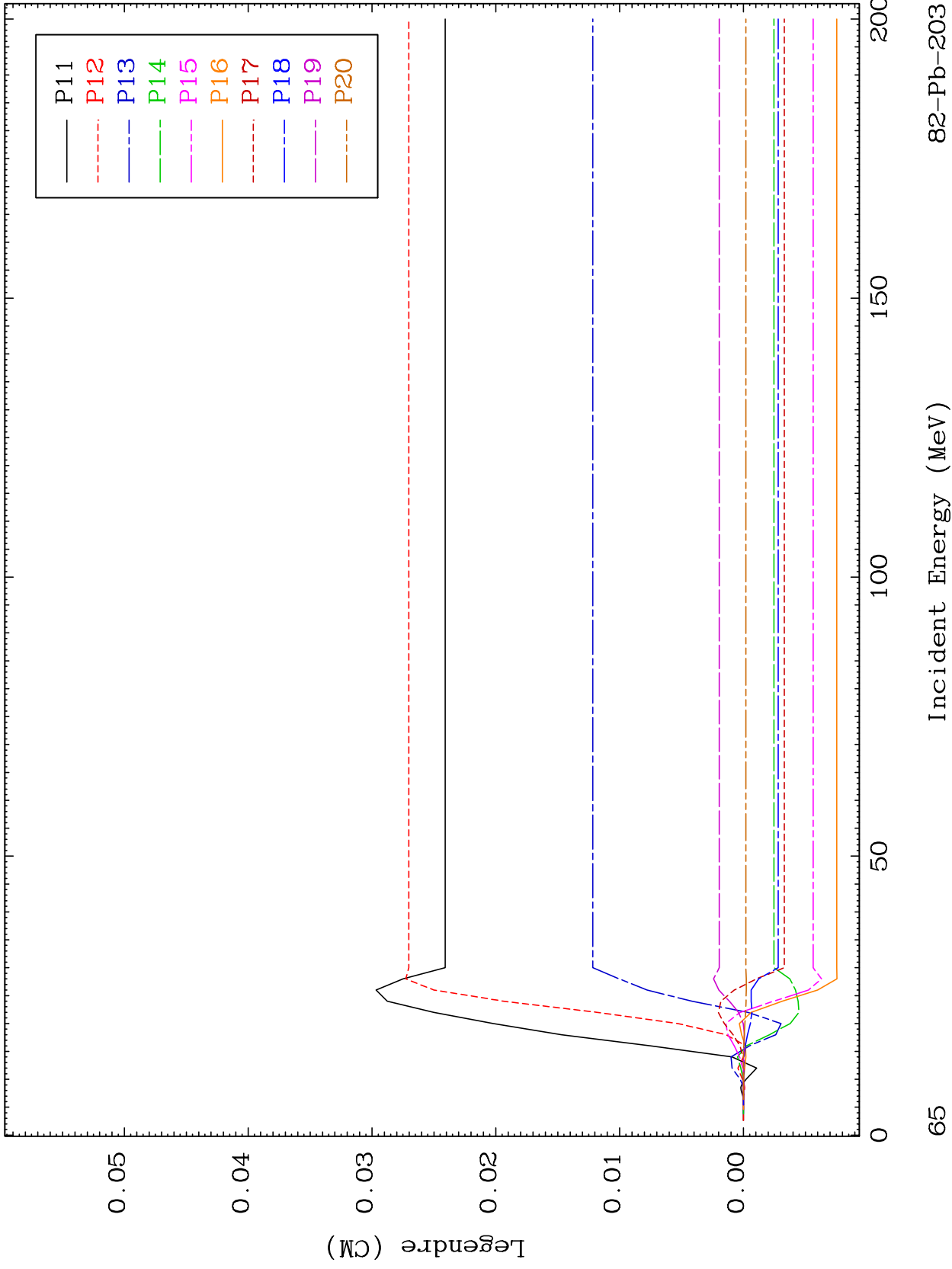
Incident Energy (MeV)

82-Pb-203

MAT 8222

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

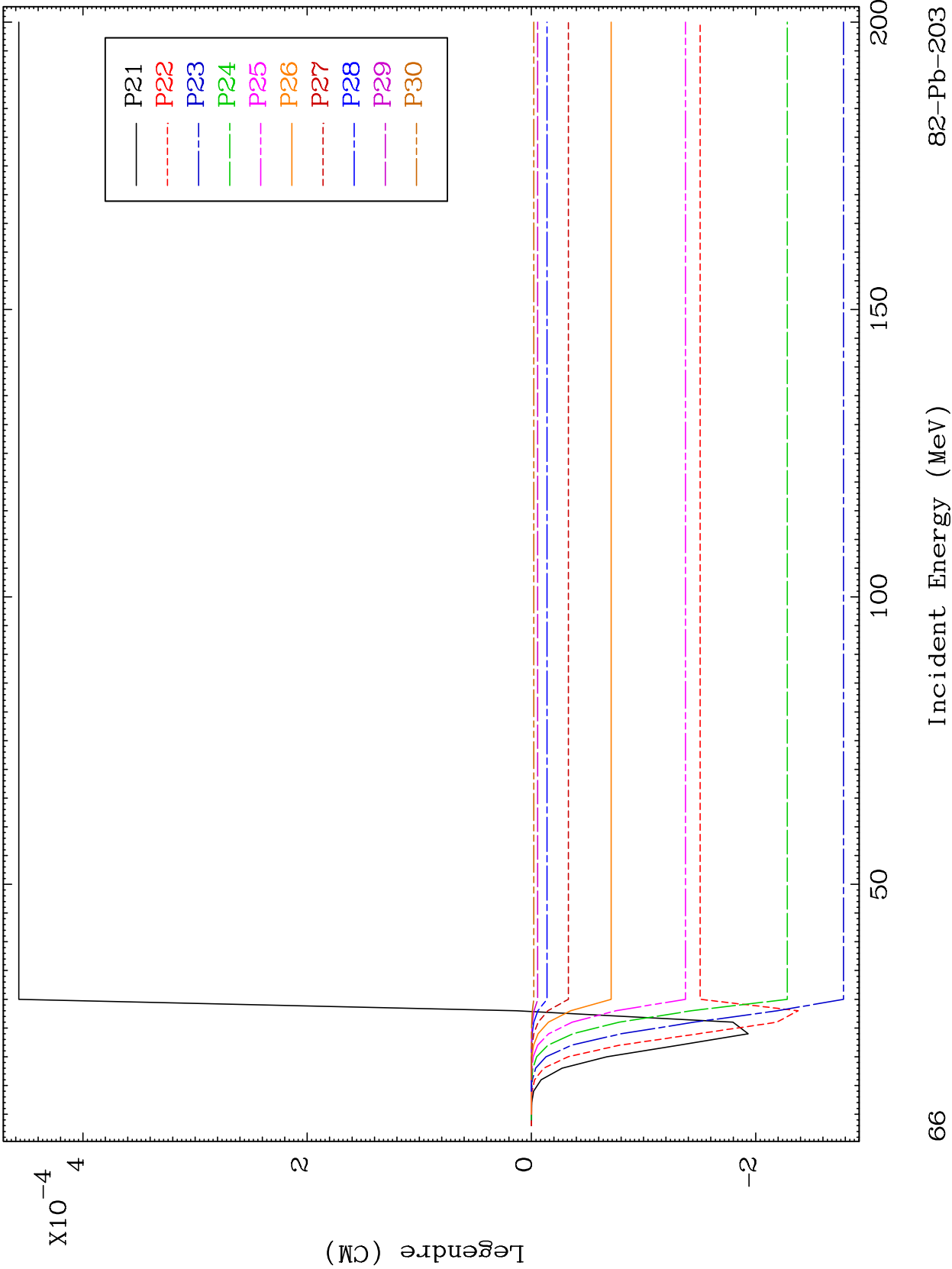
82-Pb-203



MAT 8222

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

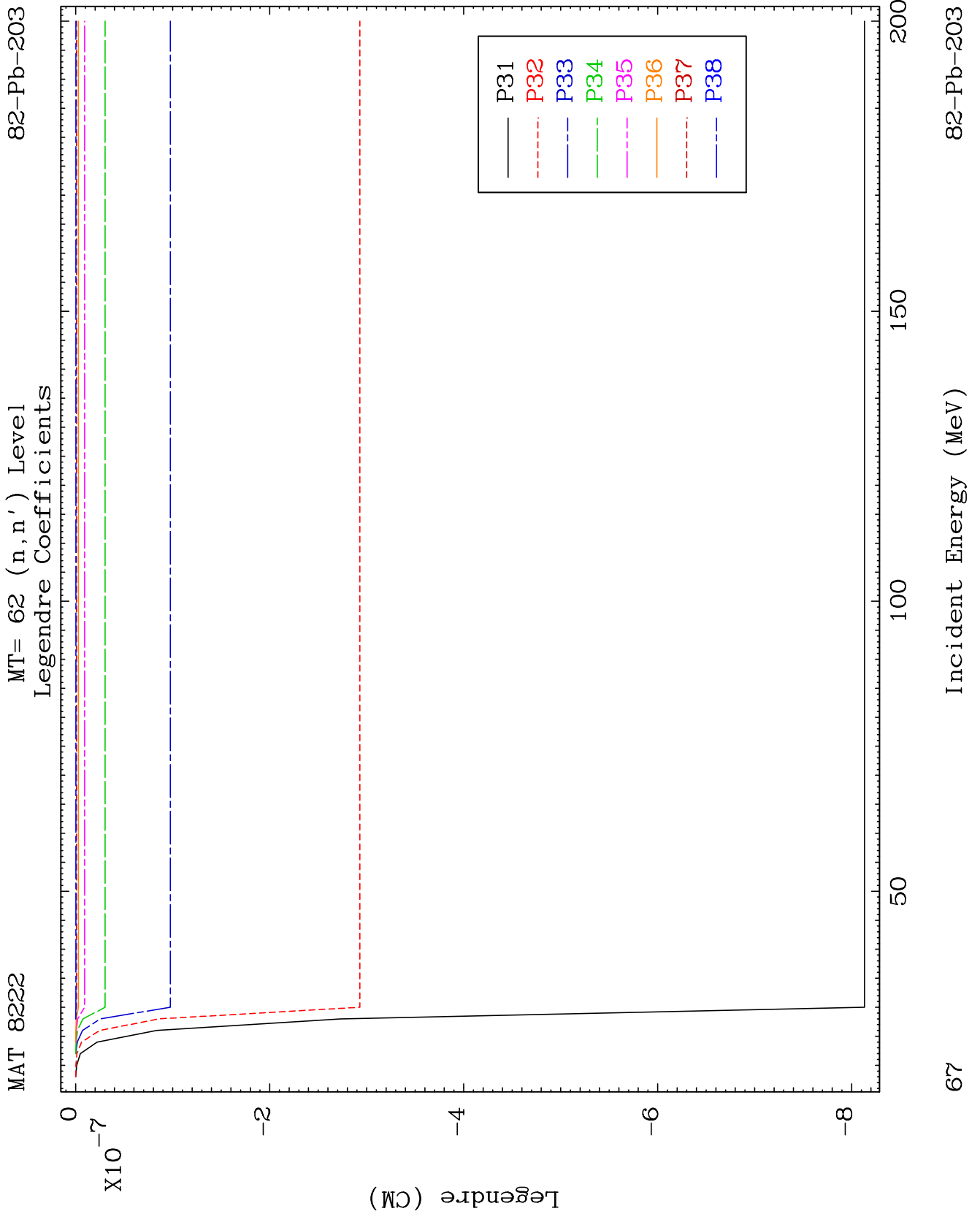
82-Pb-203



66

Incident Energy (MeV)

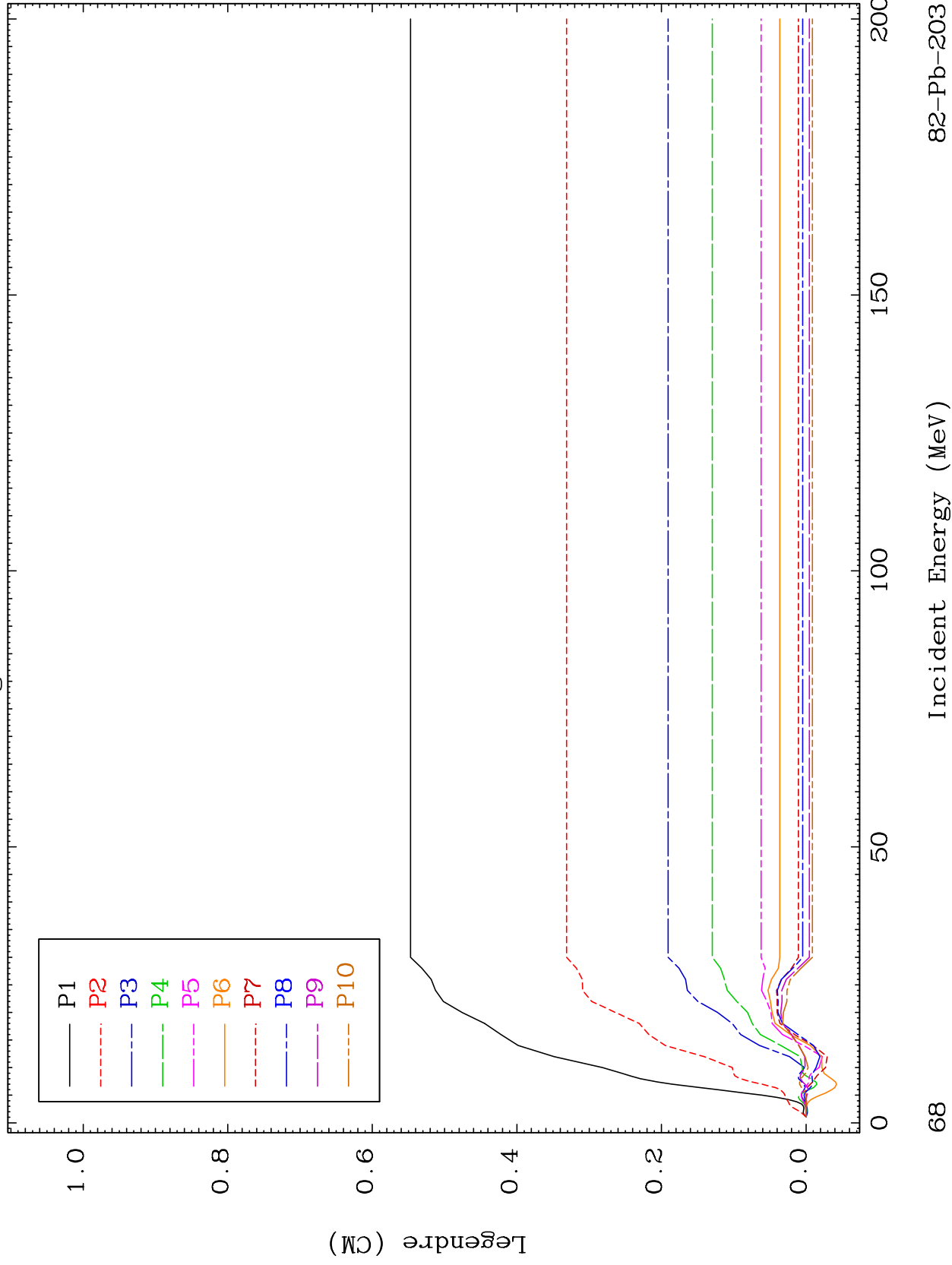
82-Pb-203



MAT 8222

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

82-Pb-203



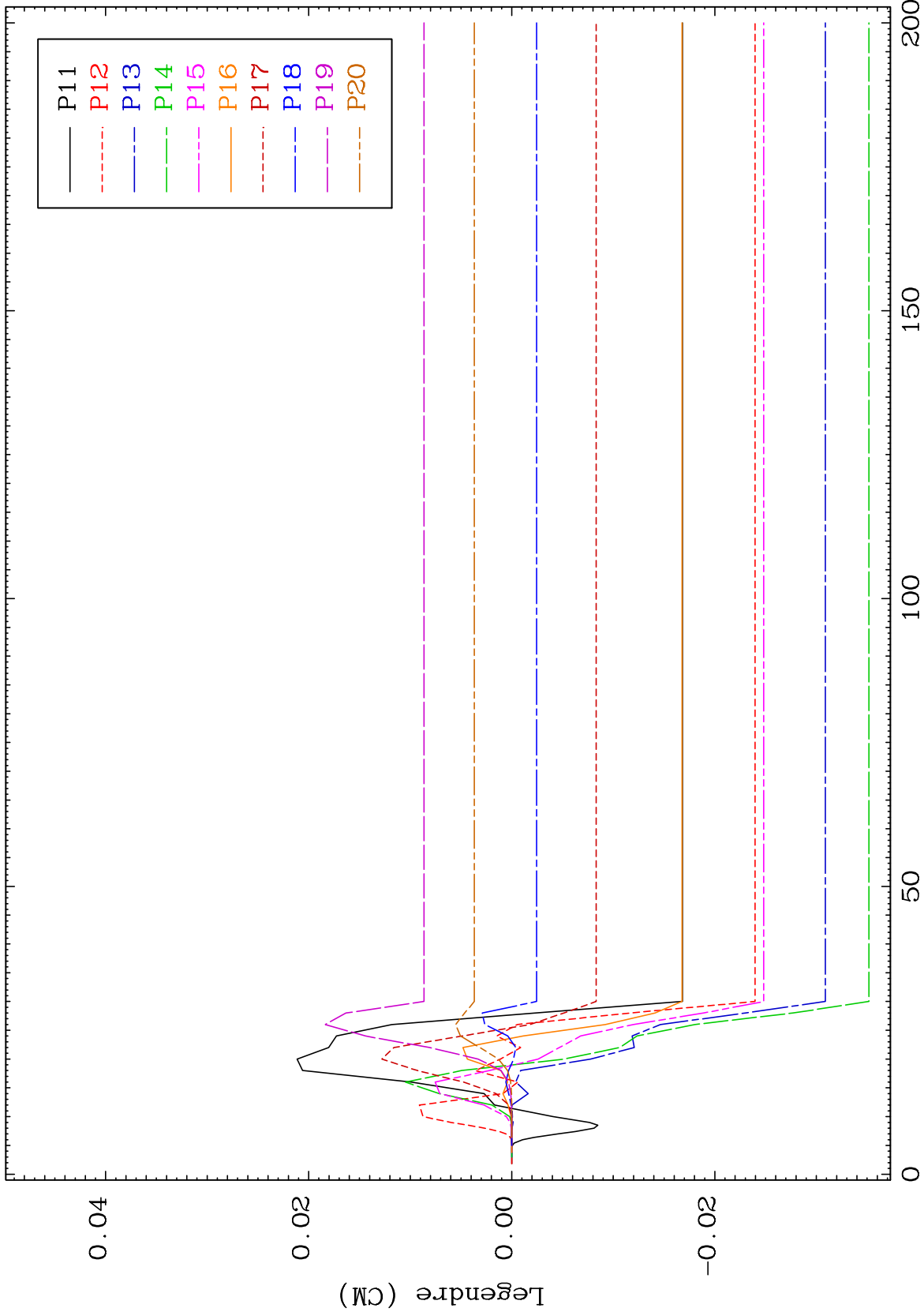
68

82-Pb-203

MAT 8222

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

82-Pb-203



69

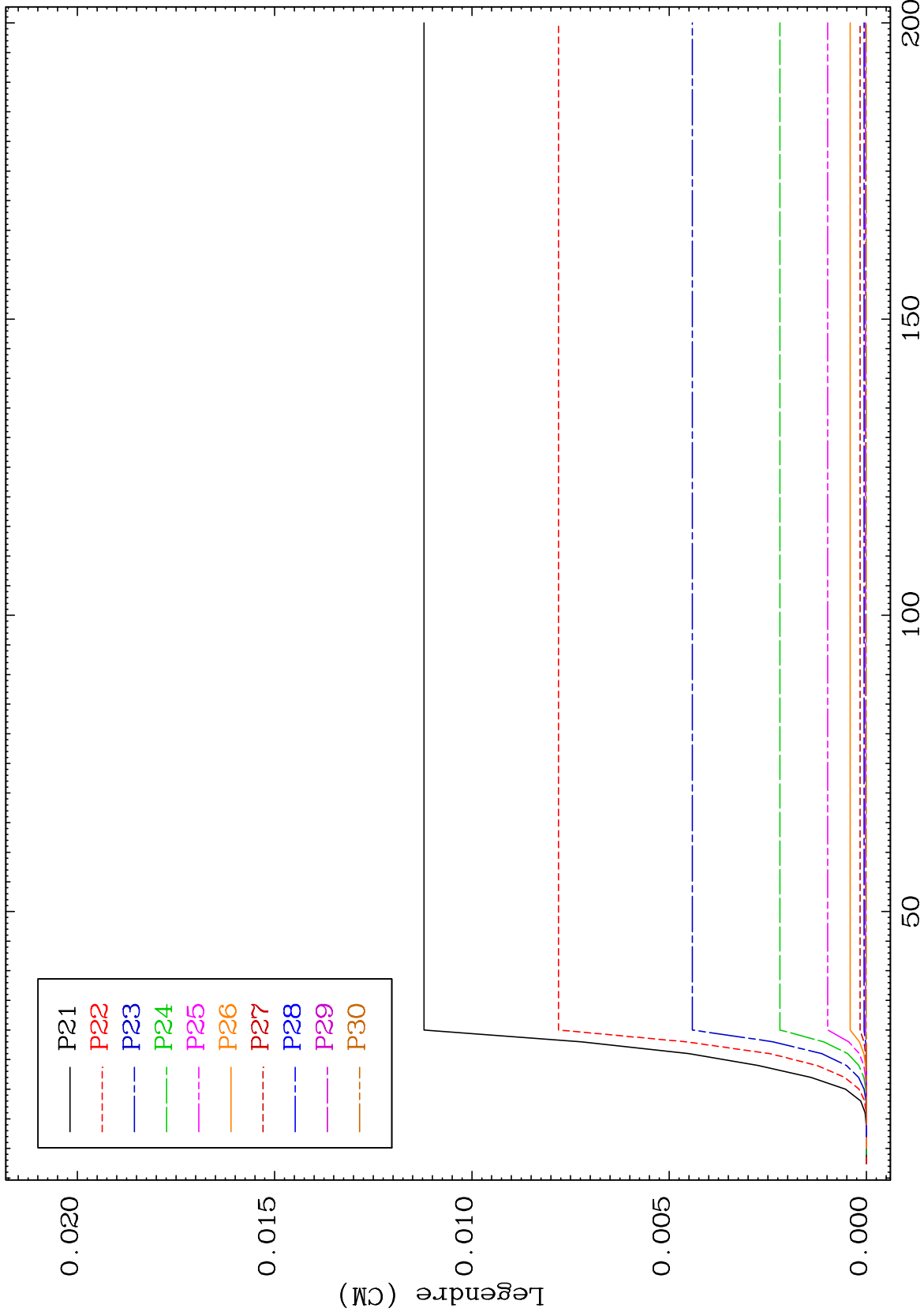
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

82-Pb-203



70

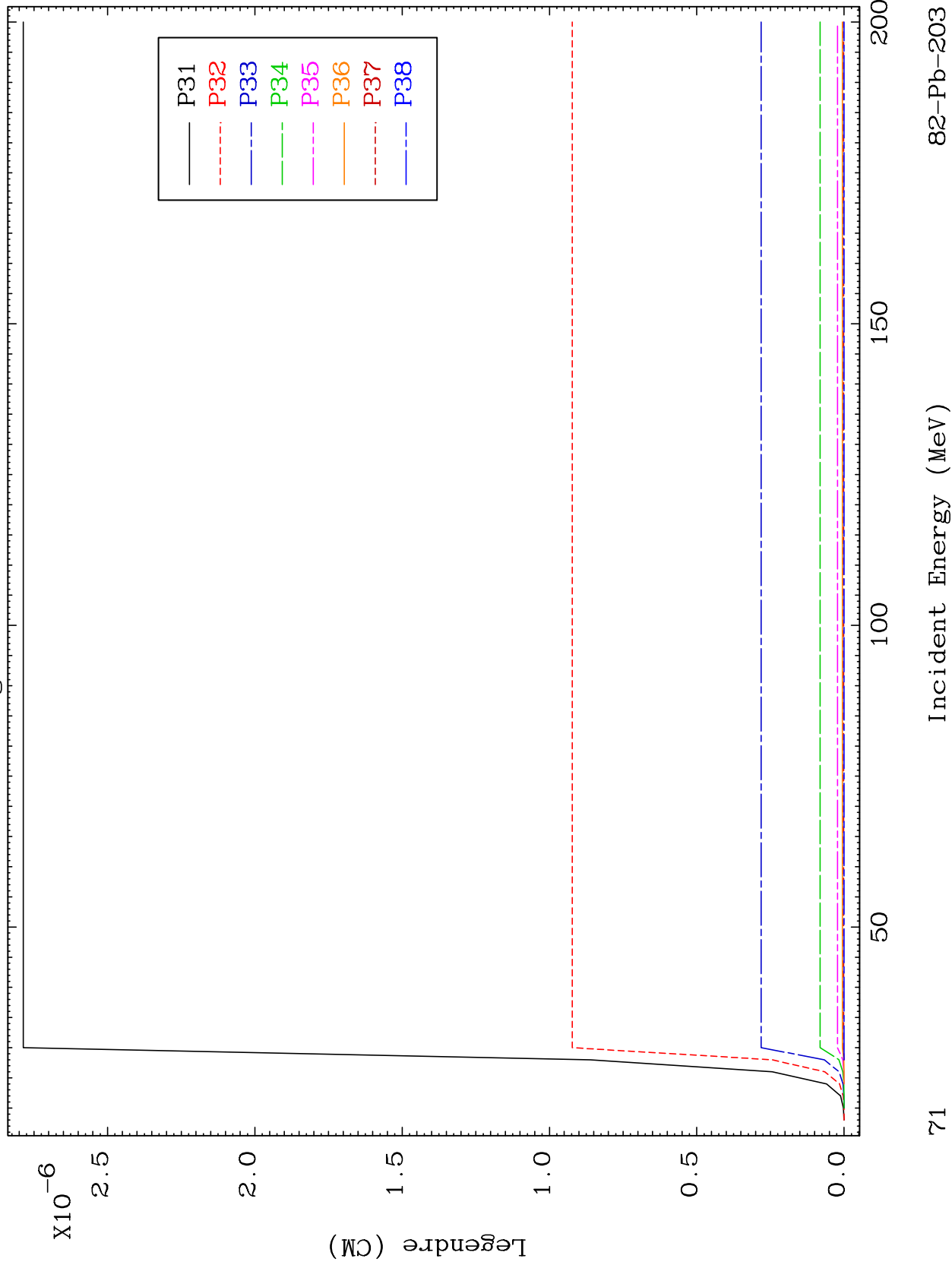
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

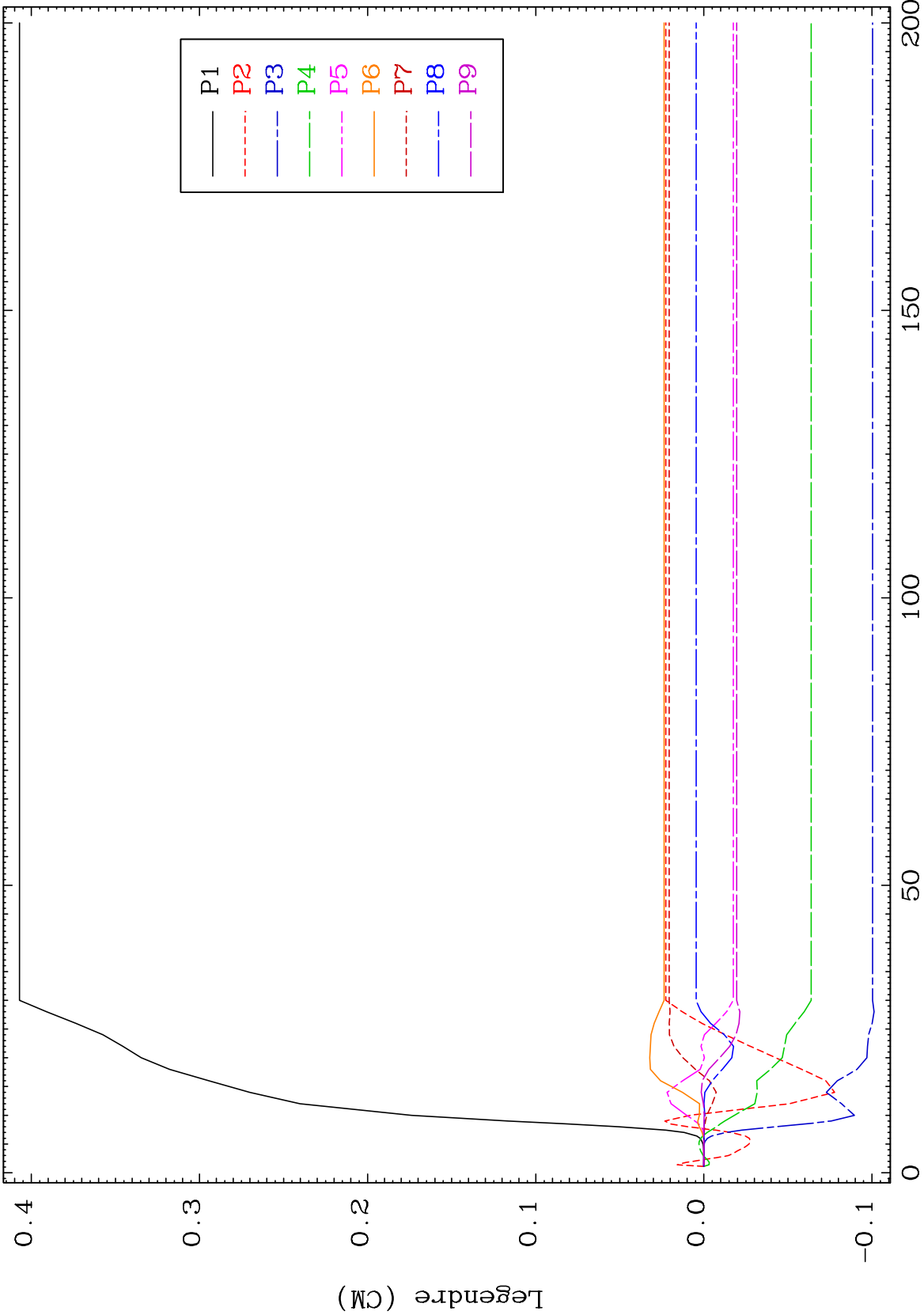
82-Pb-203



MAT 82222

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

82-Pb-203



72

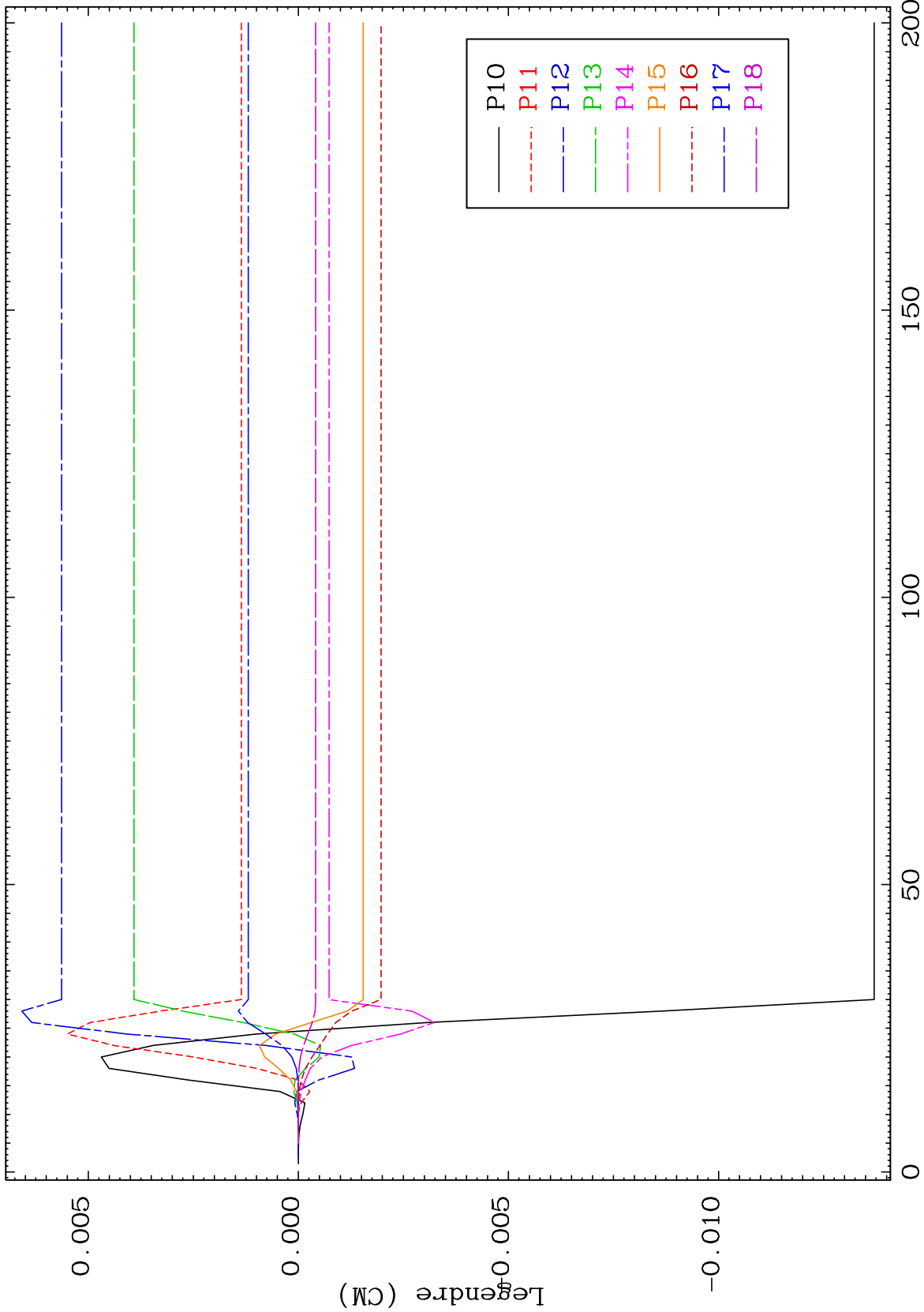
Incident Energy (MeV)

82-Pb-203

MAT 8222

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

82-Pb-203



73

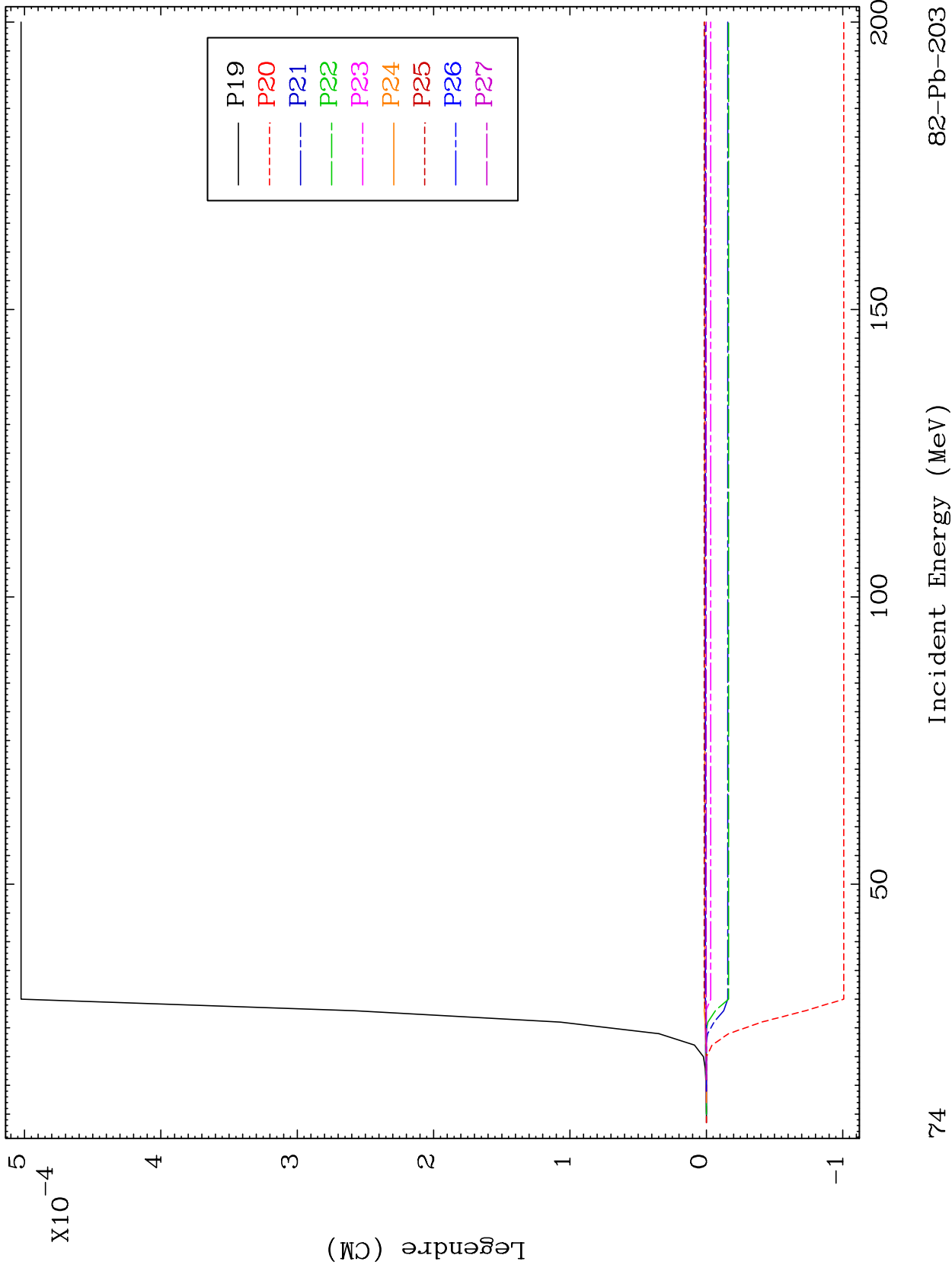
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

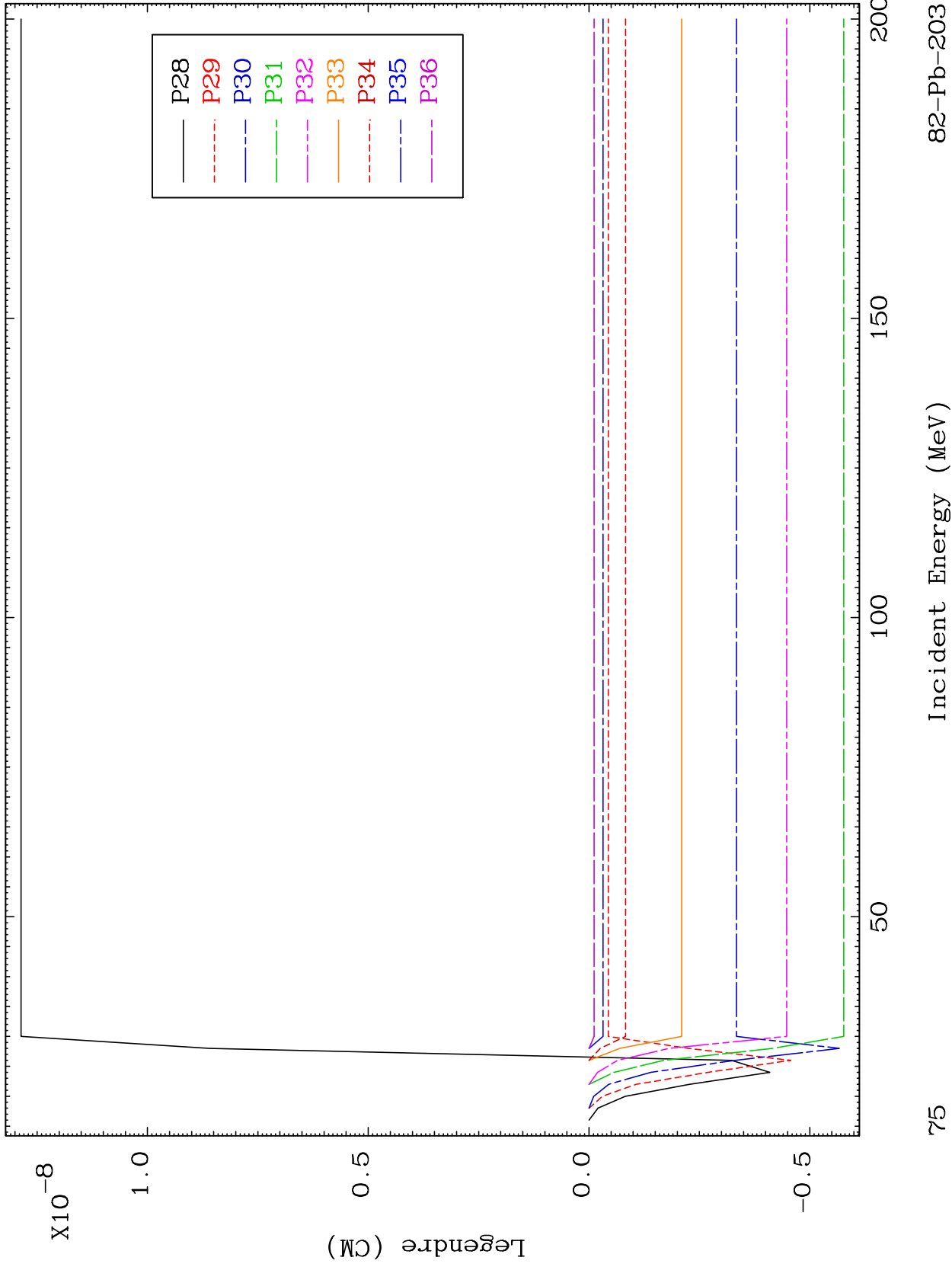
82-Pb-203



MAT 8222

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

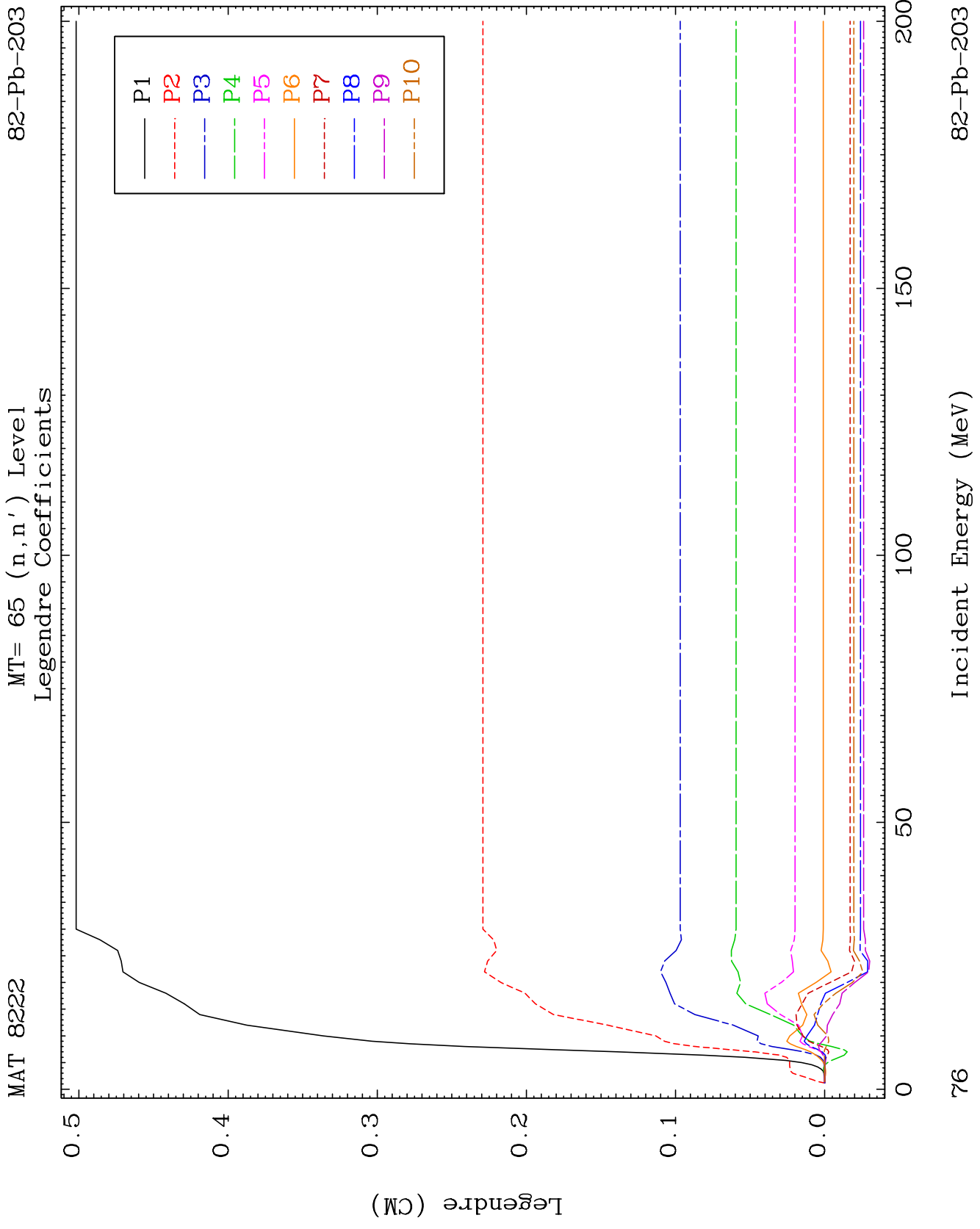
82-Pb-203



75

Incident Energy (MeV)

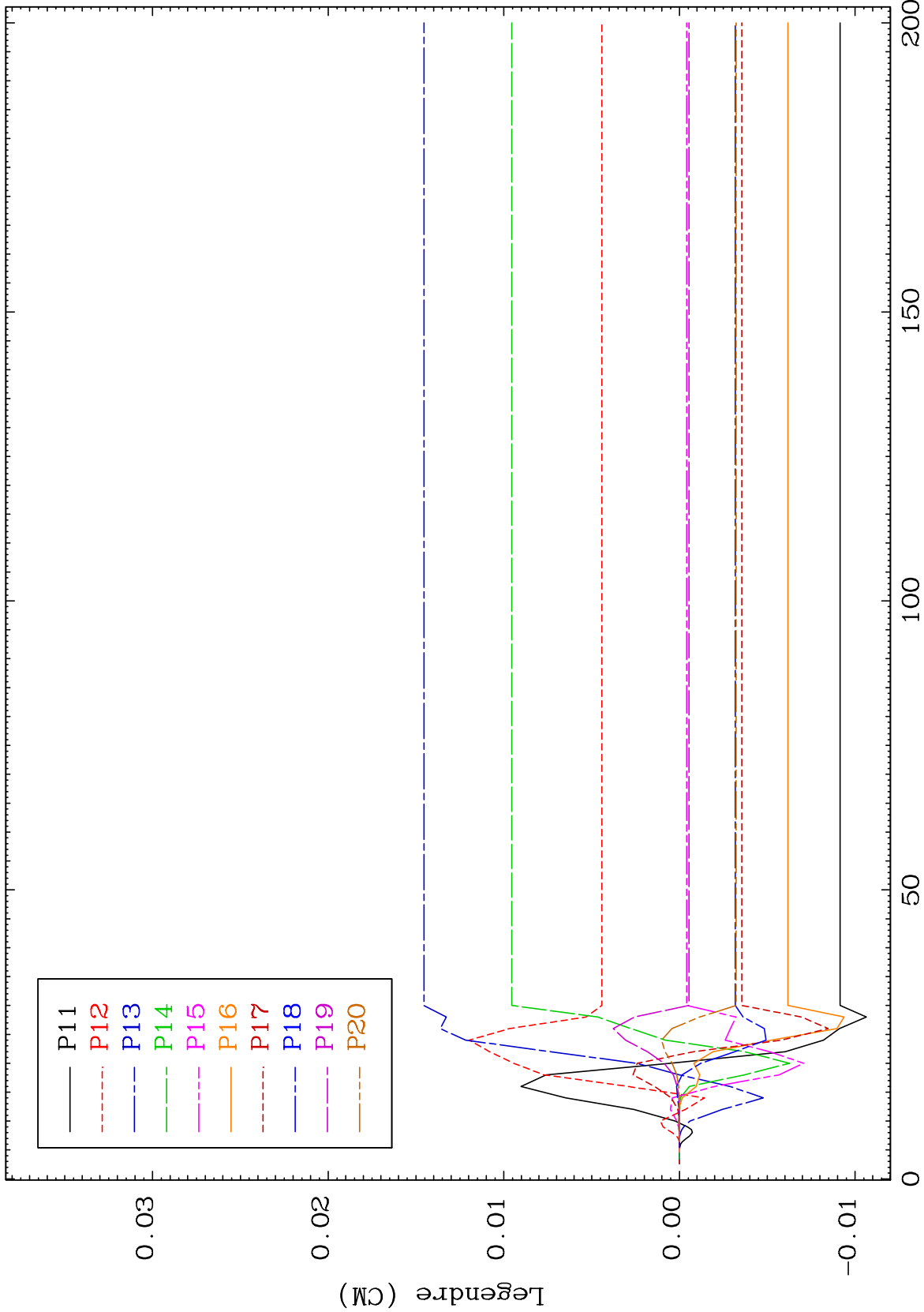
82-Pb-203



MAT 8222

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

82-Pb-203



77

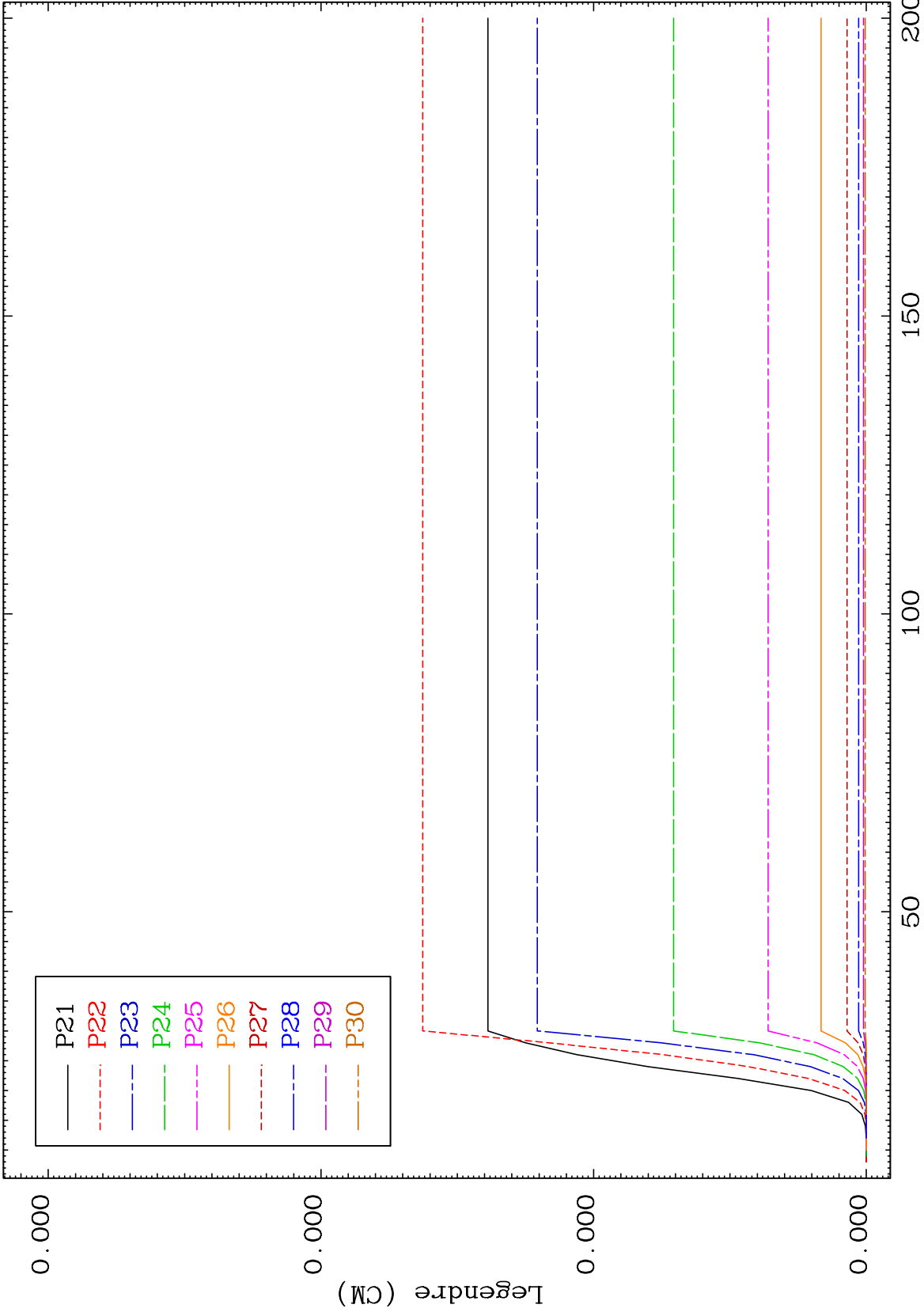
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

82-Pb-203



78

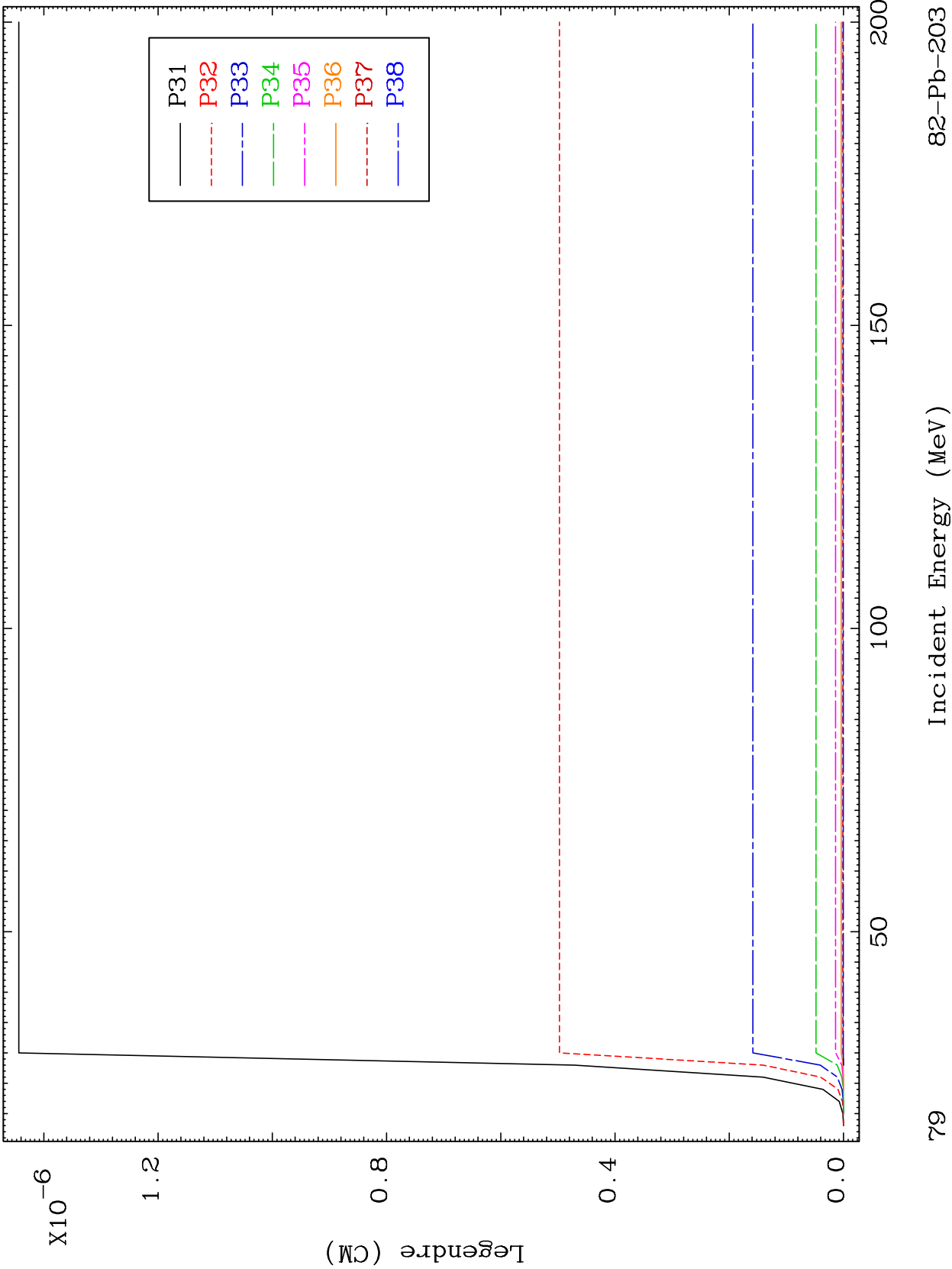
Incident Energy (MeV)

82-Pb-203

MAT 8222

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

82-Pb-203



79

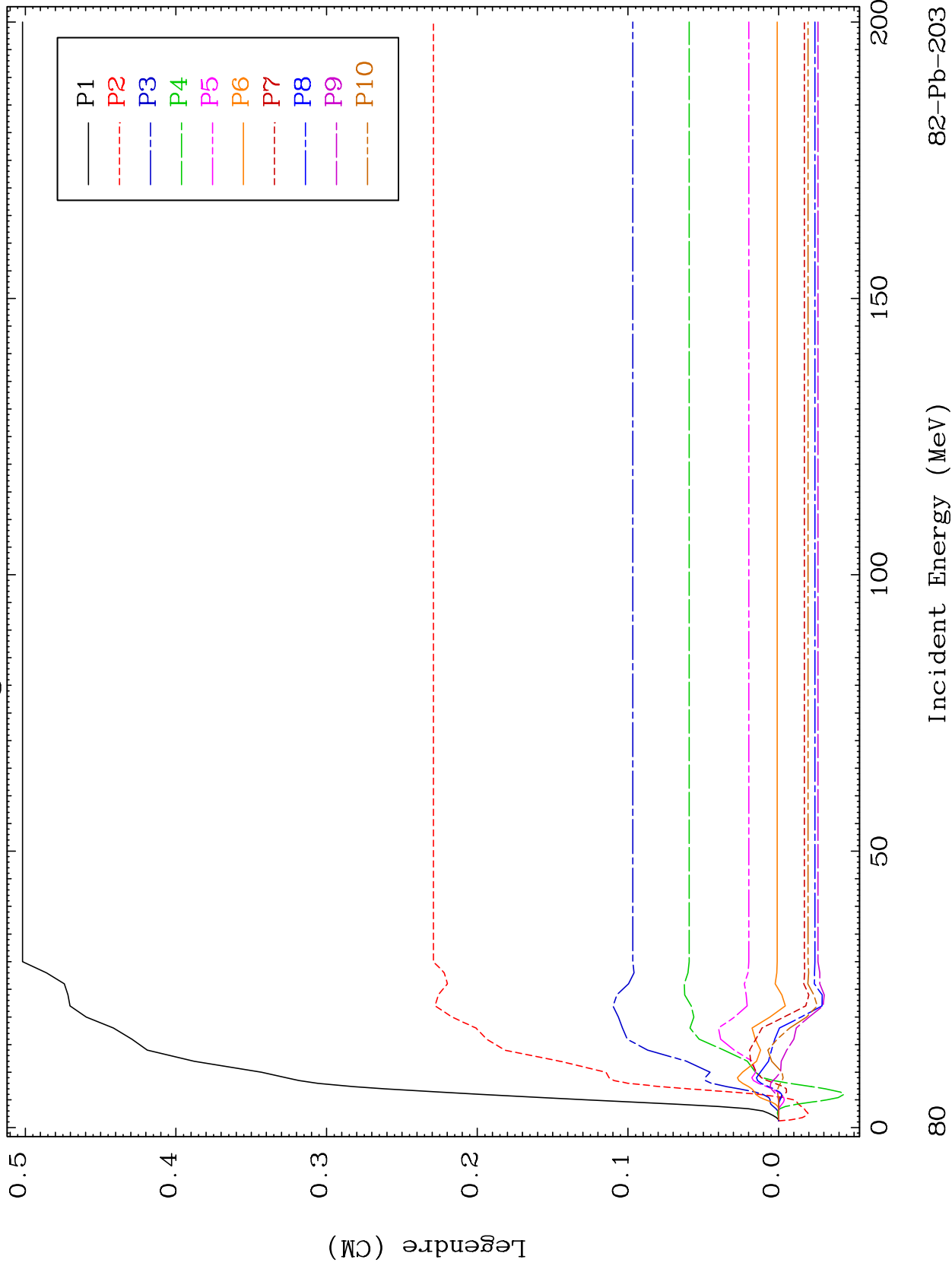
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

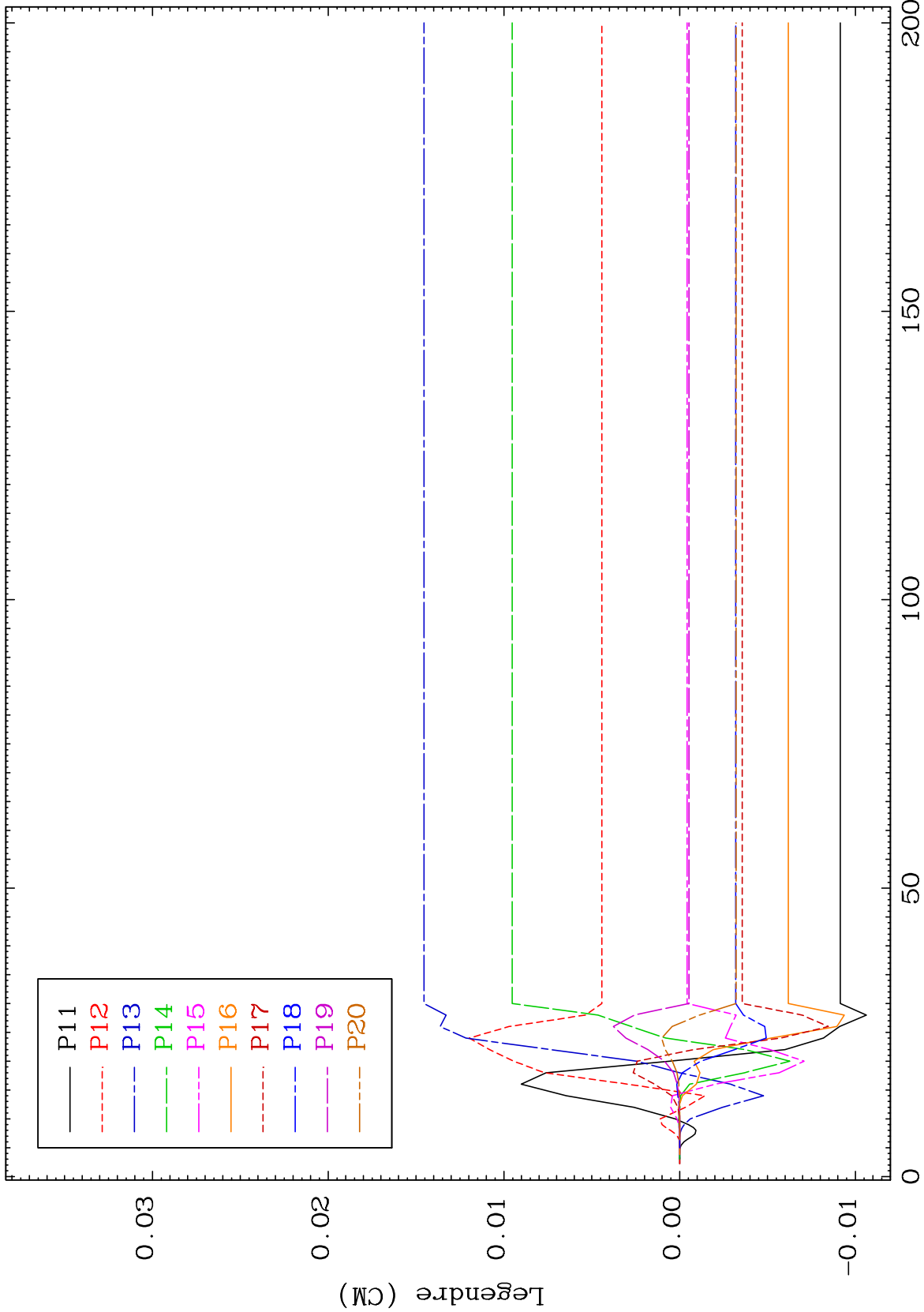
82-Pb-203



MAT 8222

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

82-Pb-203



81

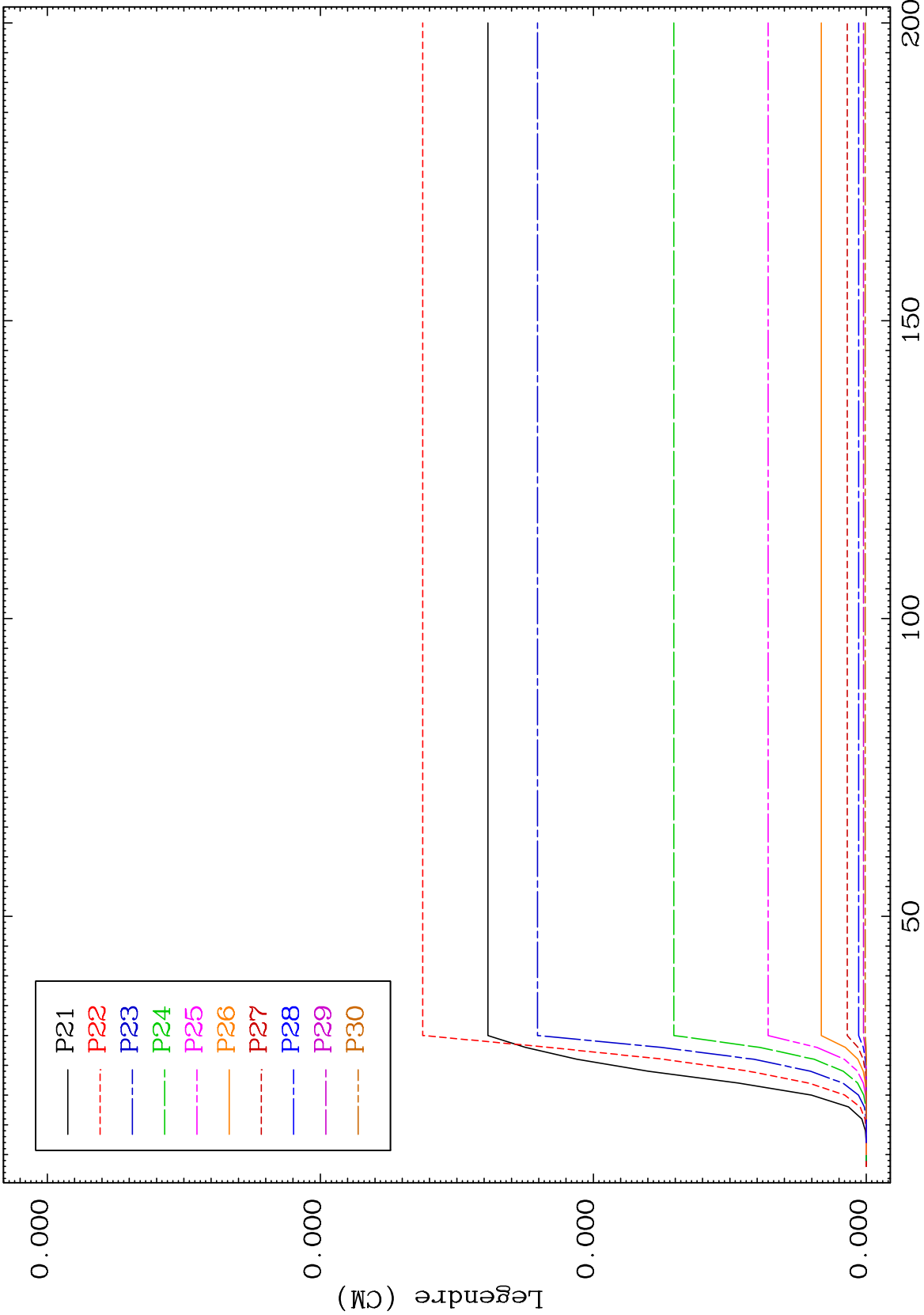
Incident Energy (MeV)

82-Pb-203

MAT 82222

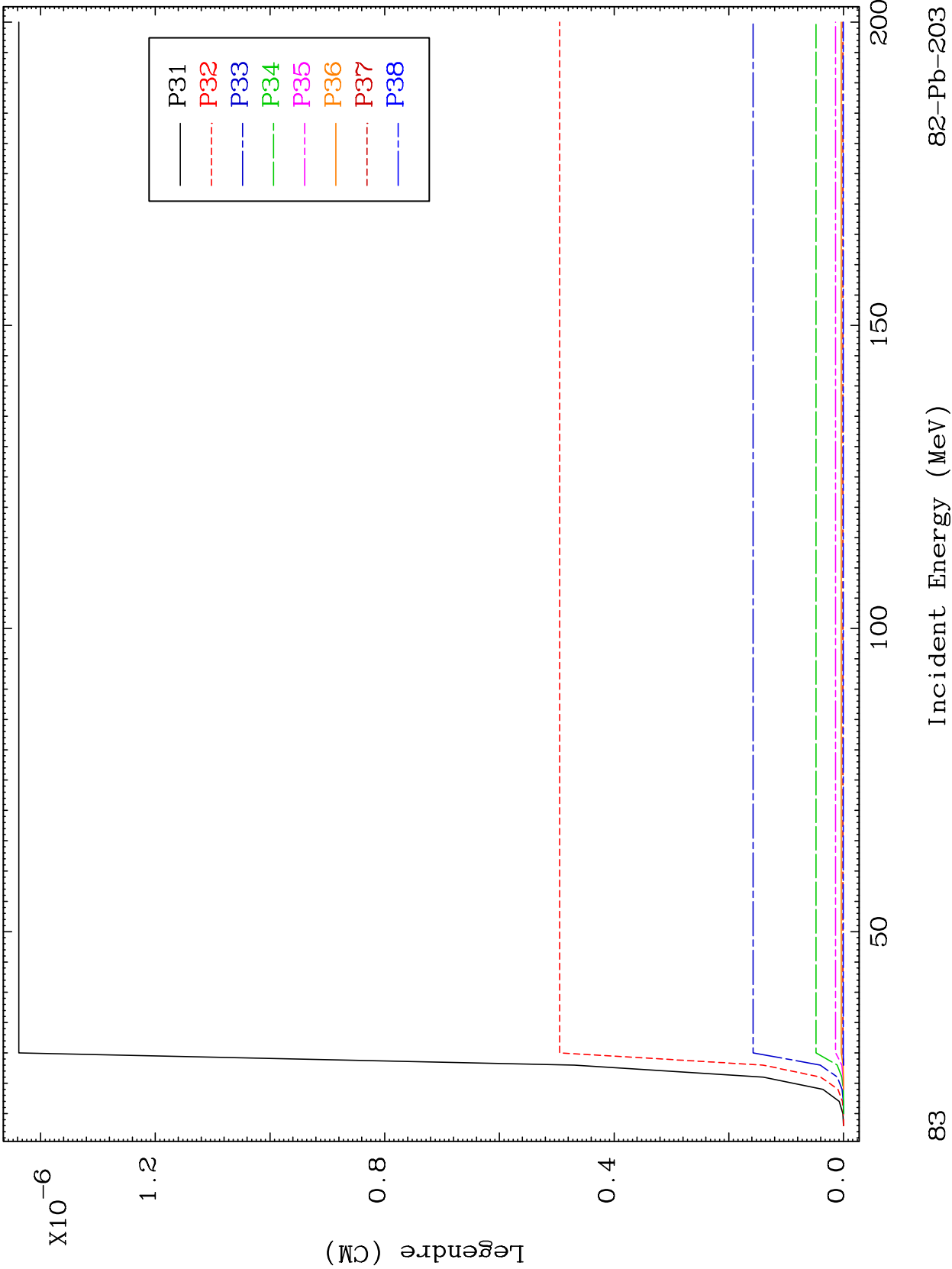
MT= 66 (n,n') Level
Legendre Coefficients

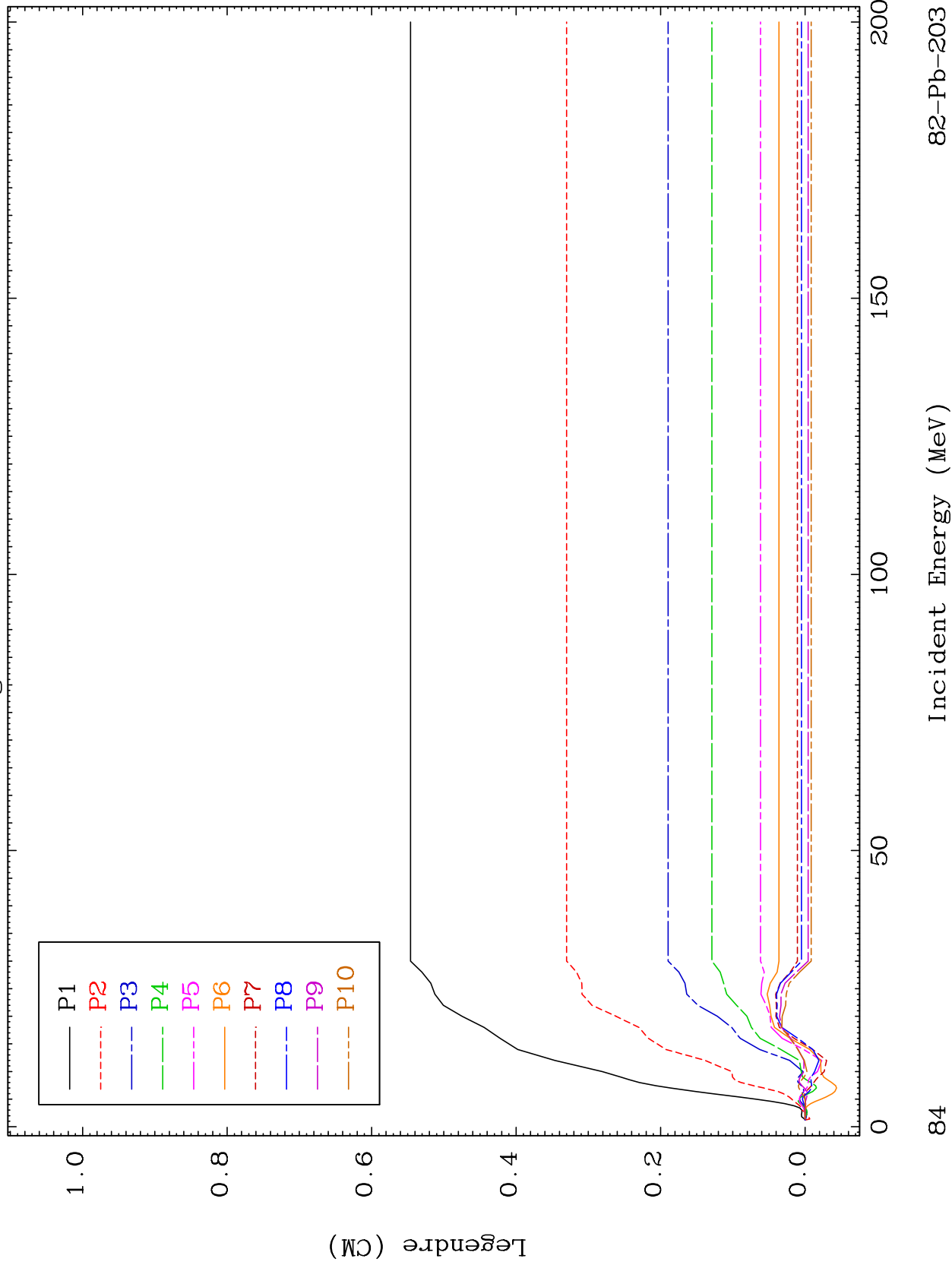
82-Pb-203



82

82-Pb-203

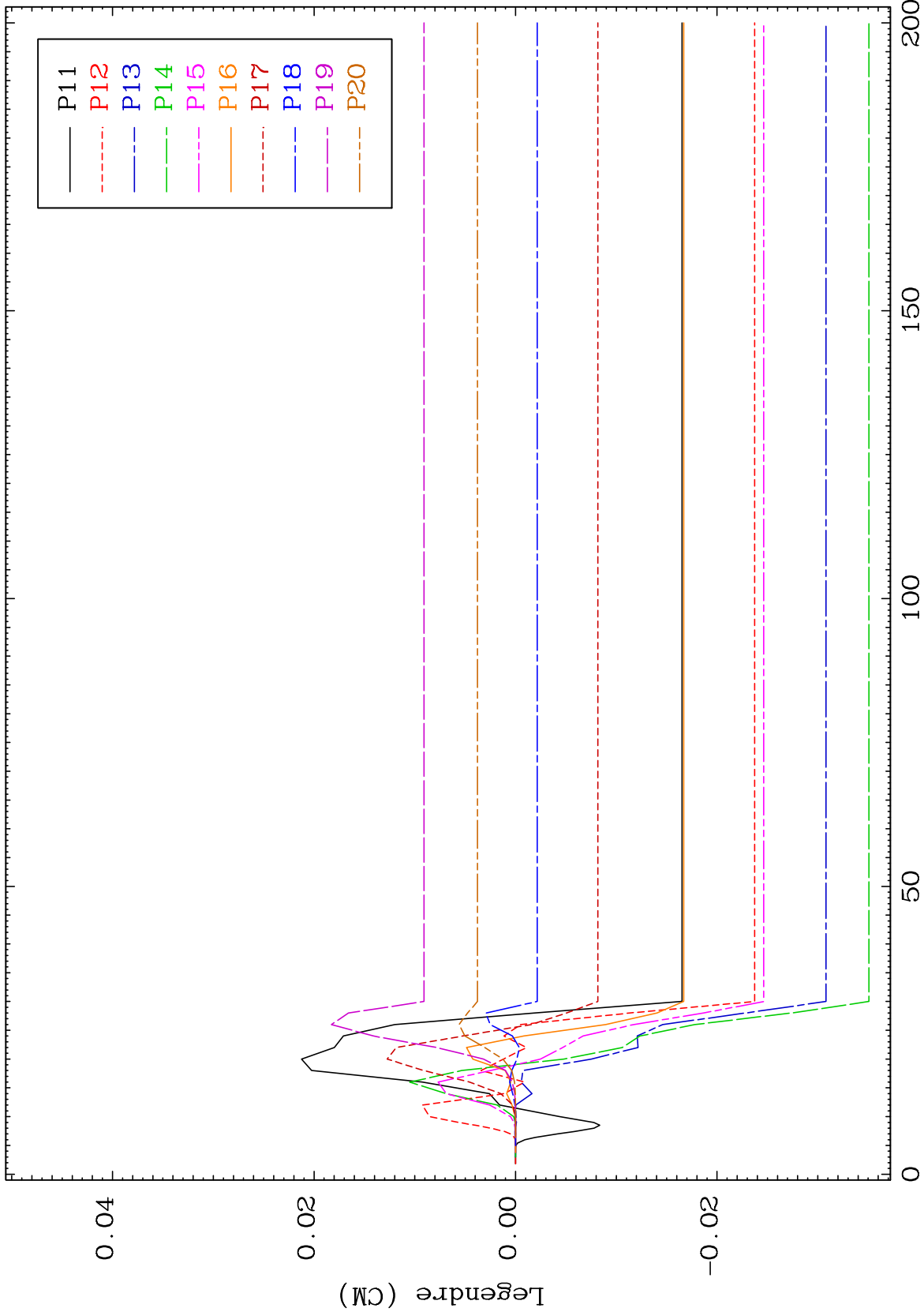




MAT 8222

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

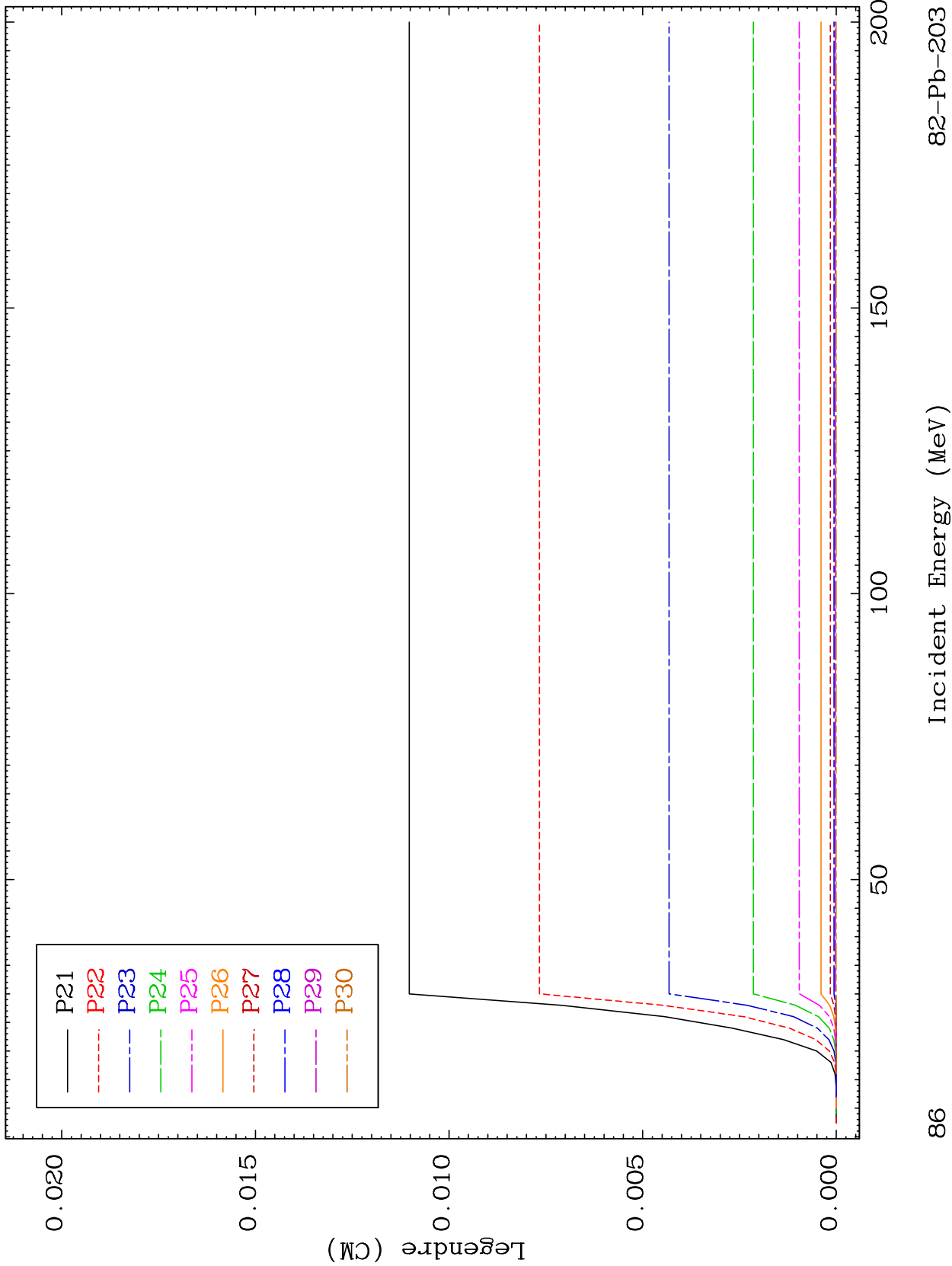
82-Pb-203



85

Incident Energy (MeV)

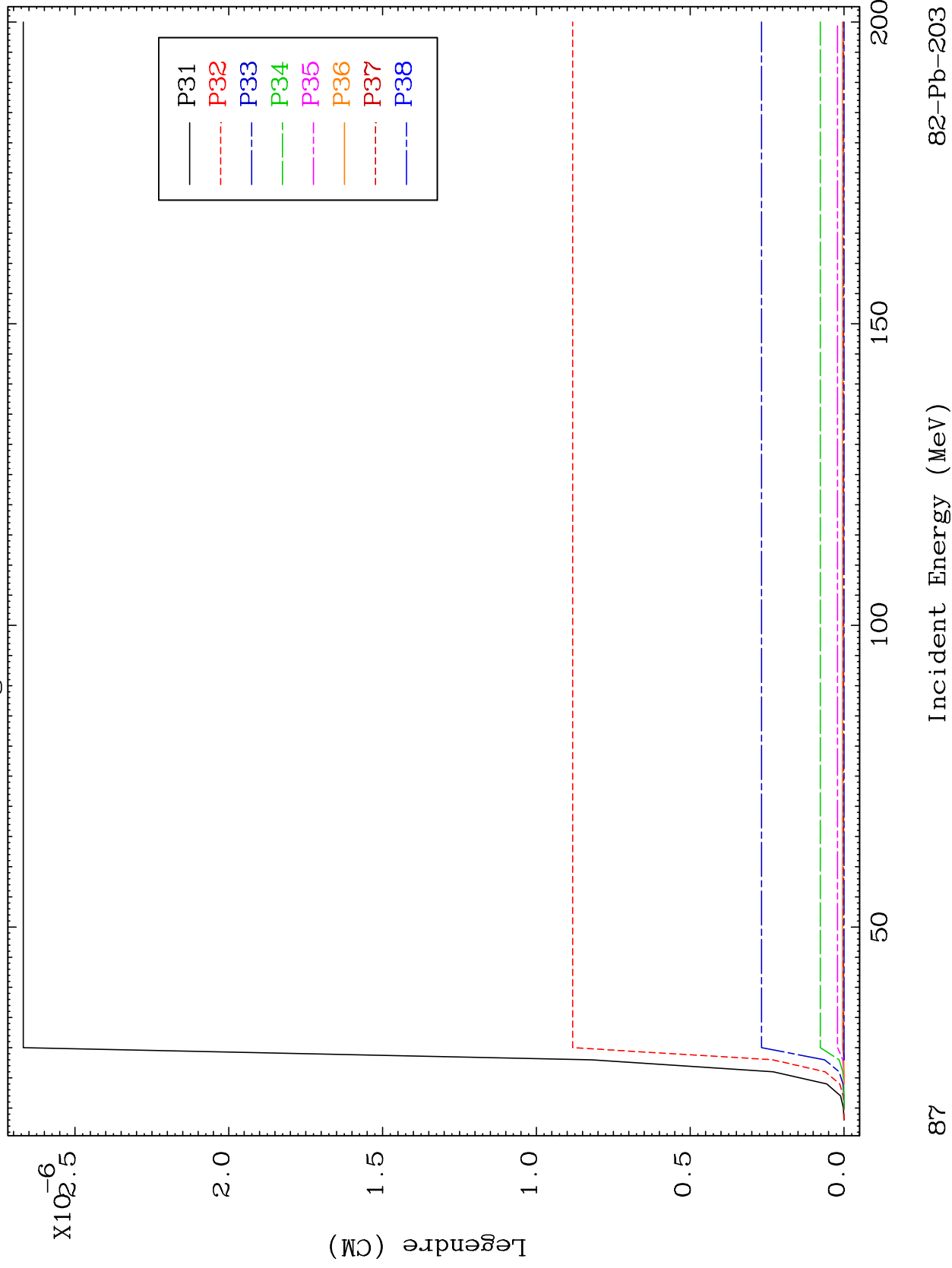
82-Pb-203



MAT 8222

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

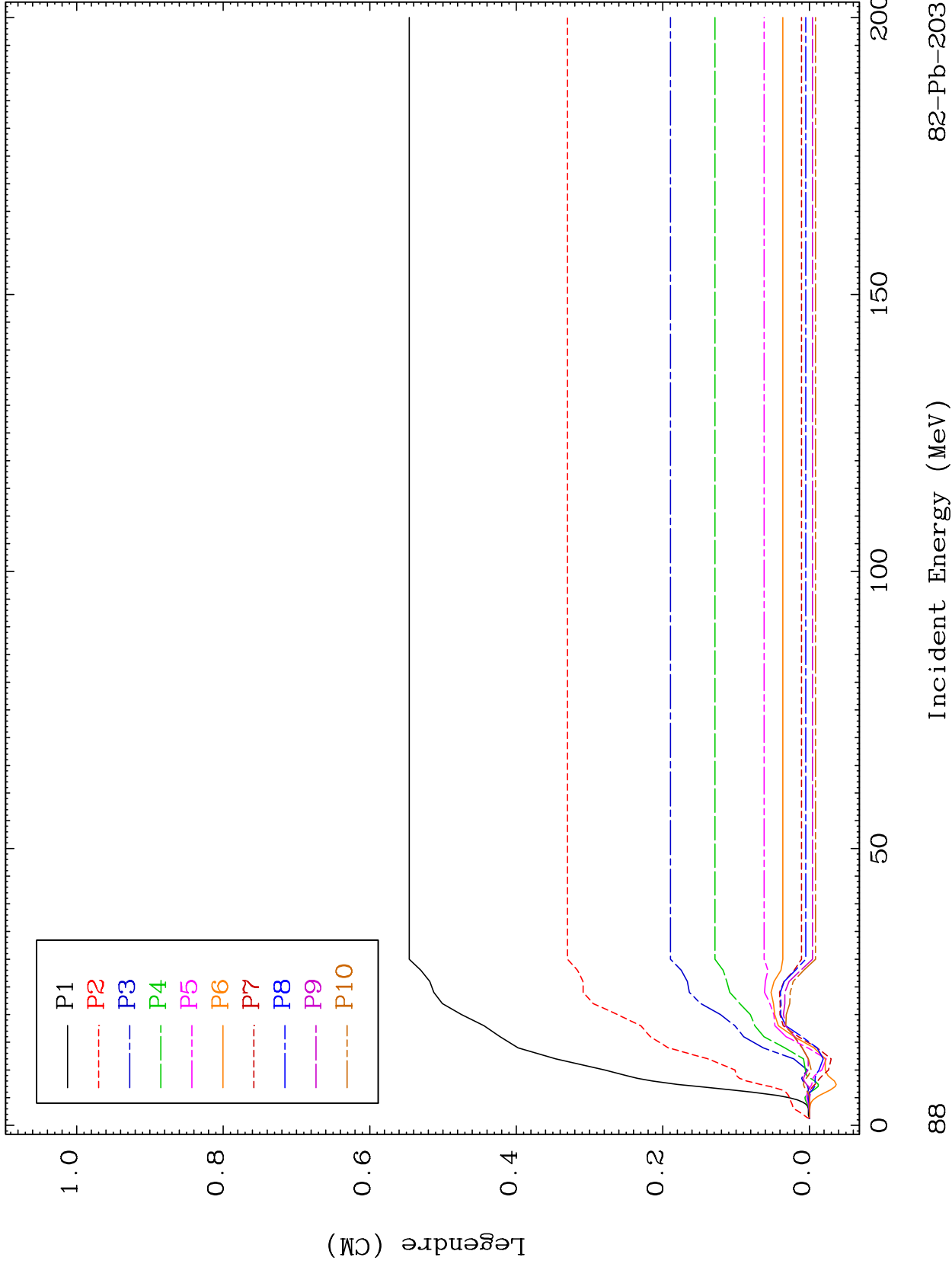
82-Pb-203



MAT 8222

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

82-Pb-203

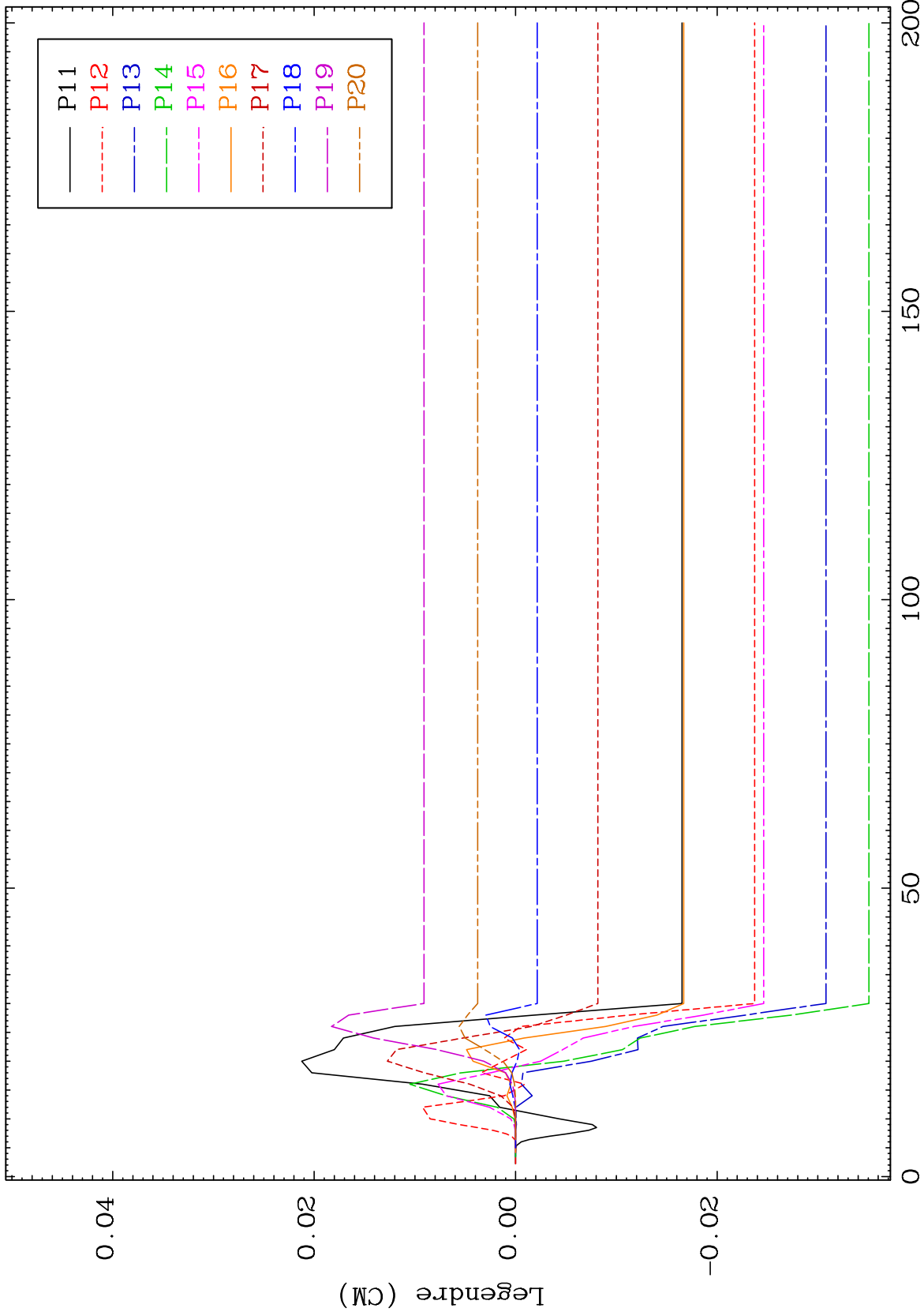


88

MAT 8222

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

82-Pb-203



89

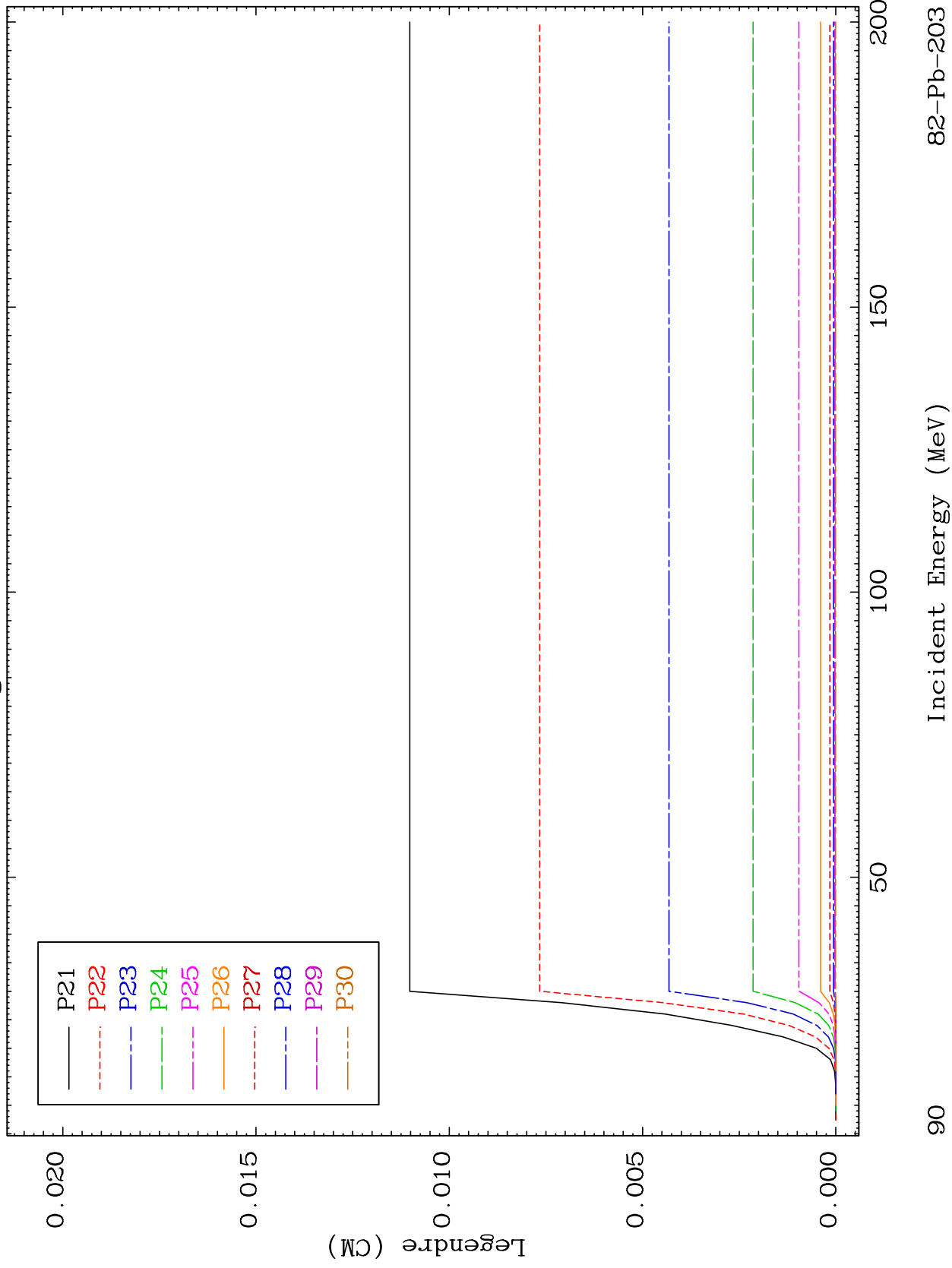
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

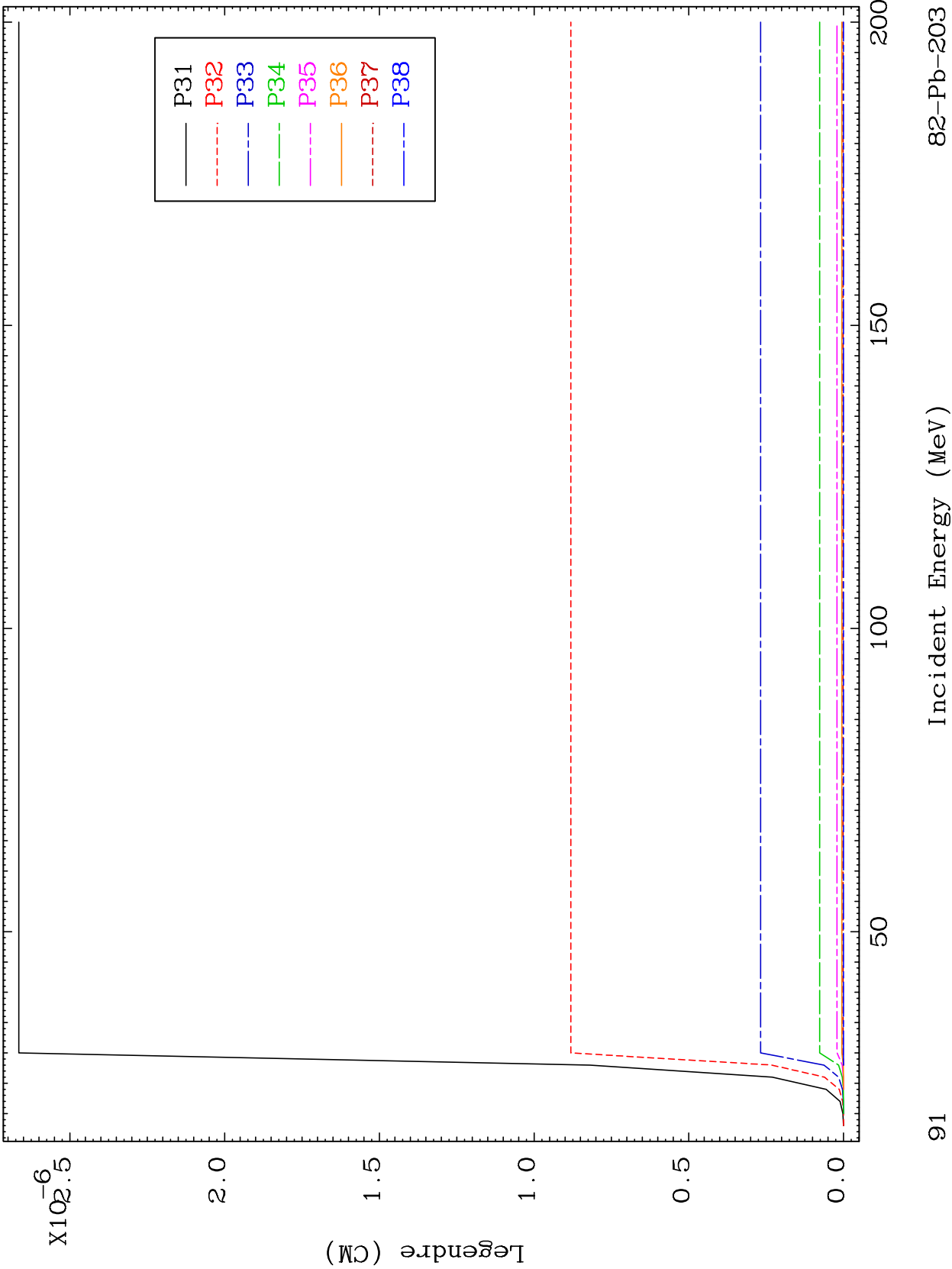
82-Pb-203



MAT 8222

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

82-Pb-203

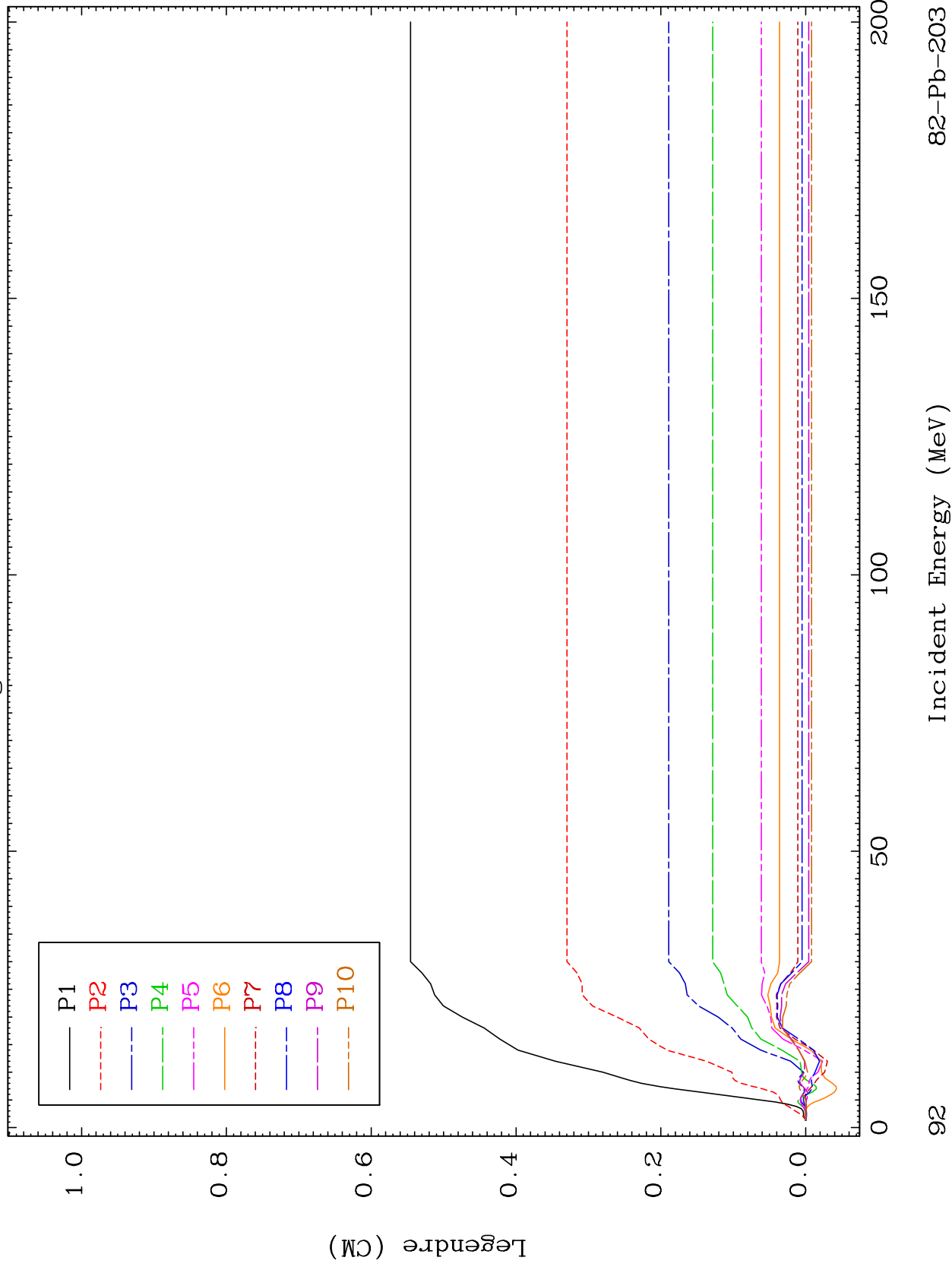


91

MAT 8222

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

82-Pb-203



92

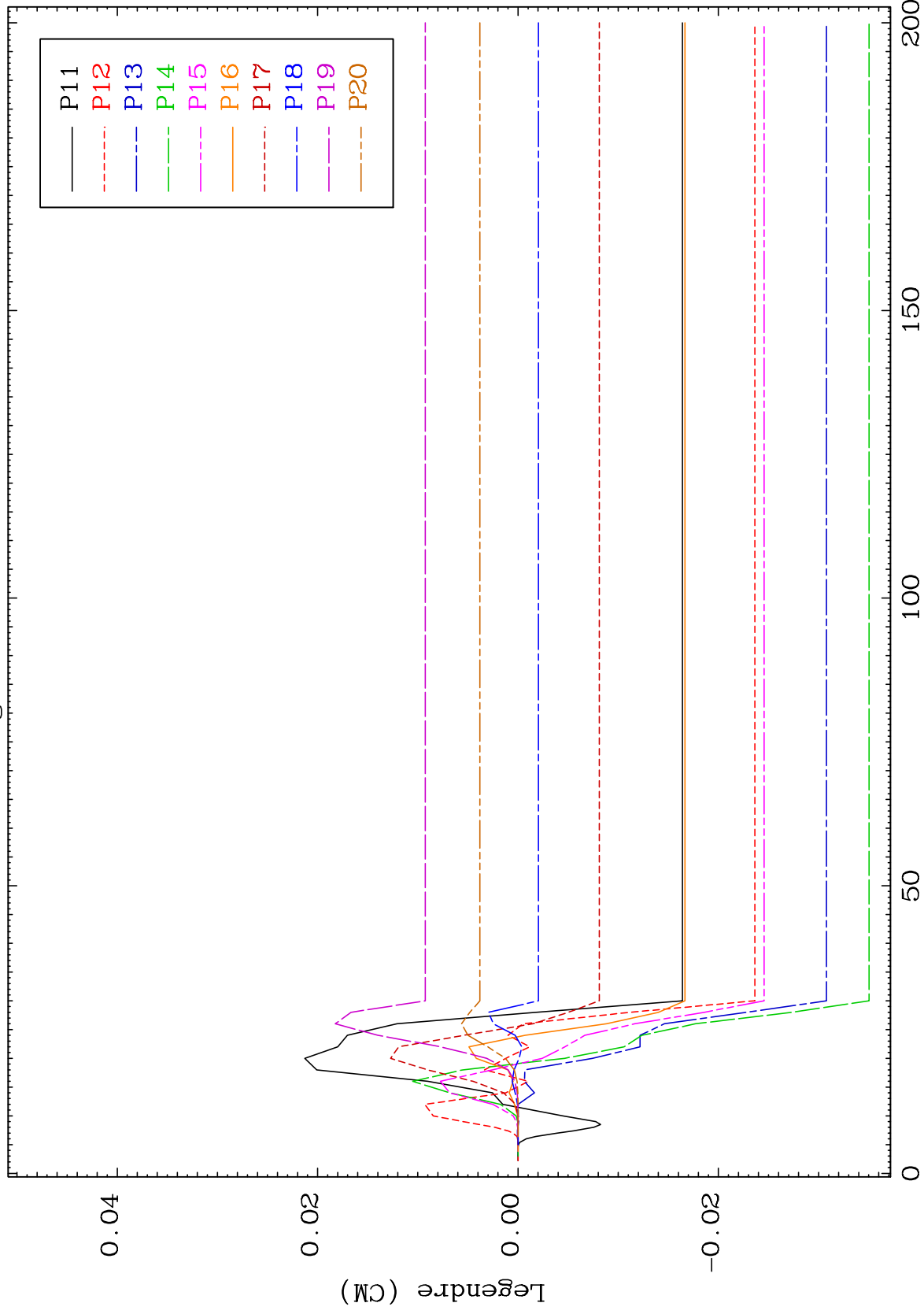
Incident Energy (MeV)

82-Pb-203

MAT 8222

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

82-Pb-203



93

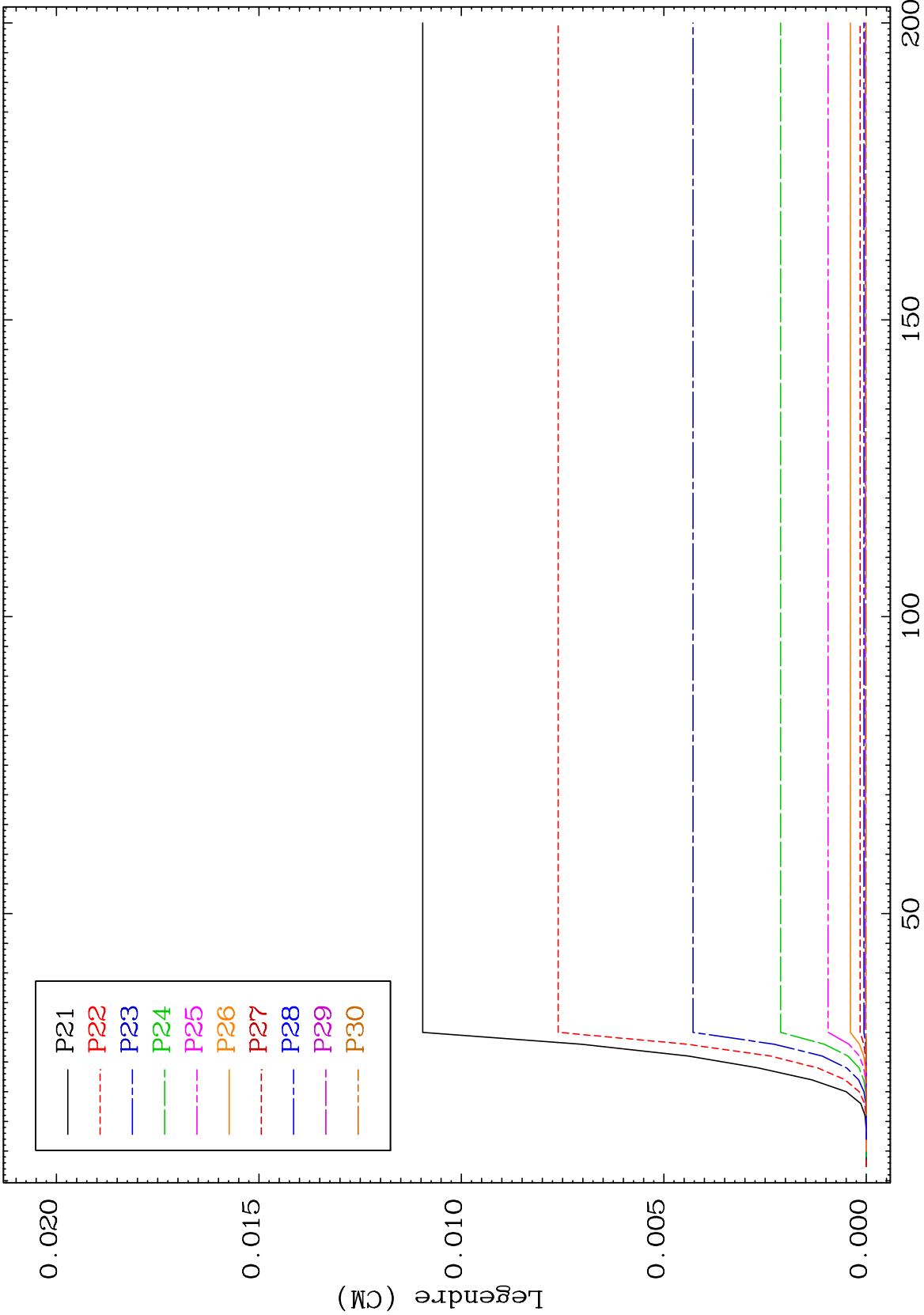
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

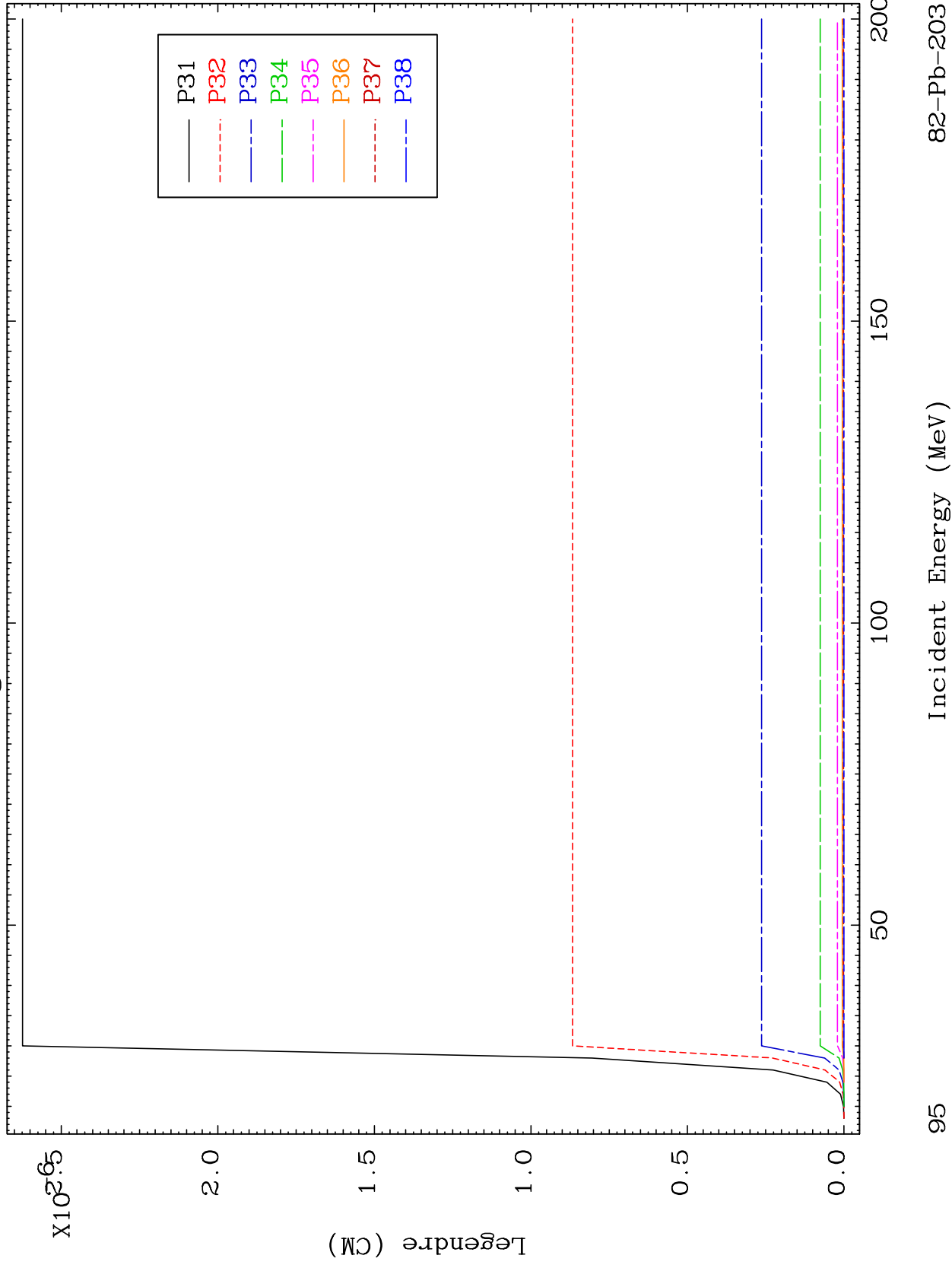
82-Pb-203



MAT 8222

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

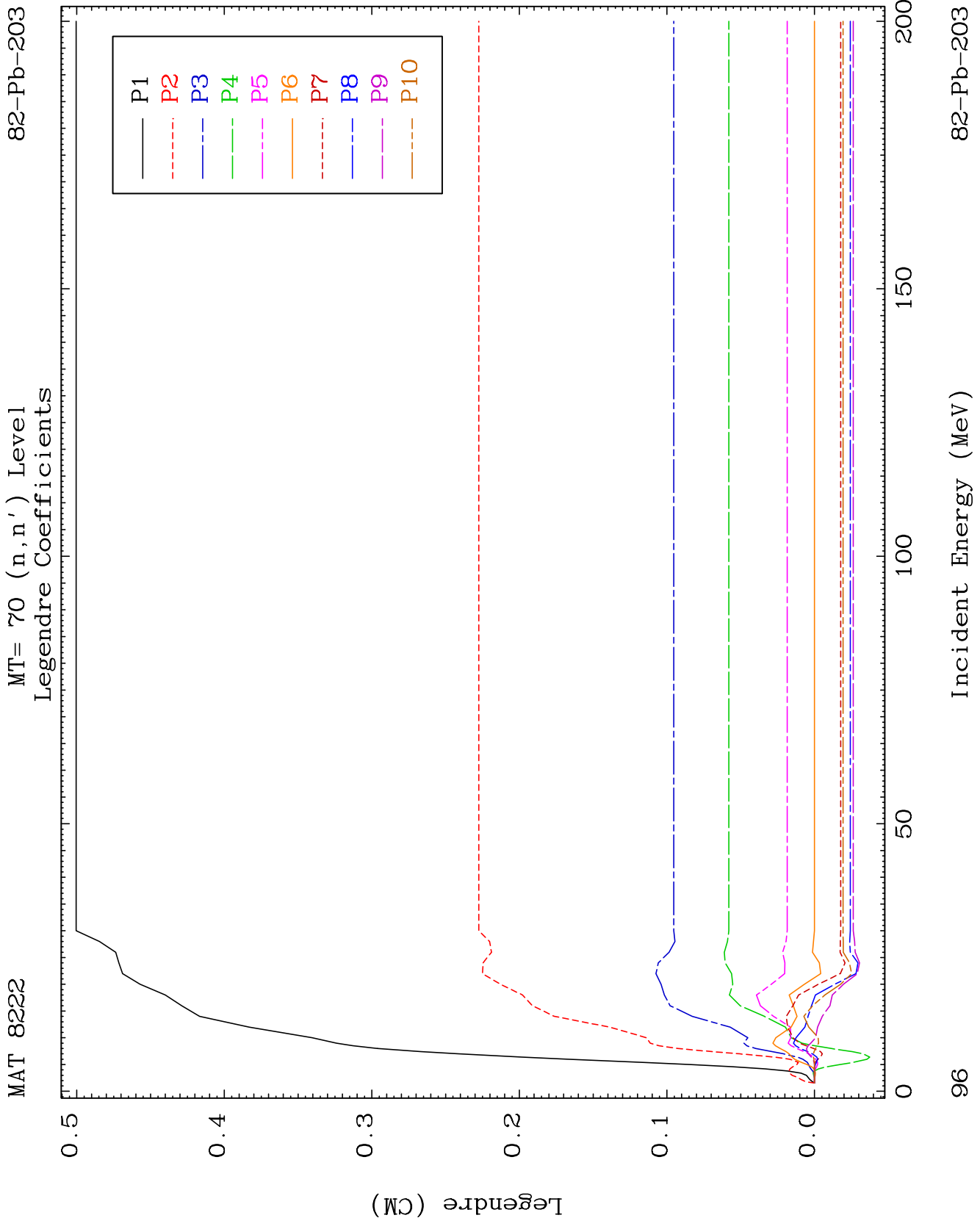
82-Pb-203



95

Incident Energy (MeV)

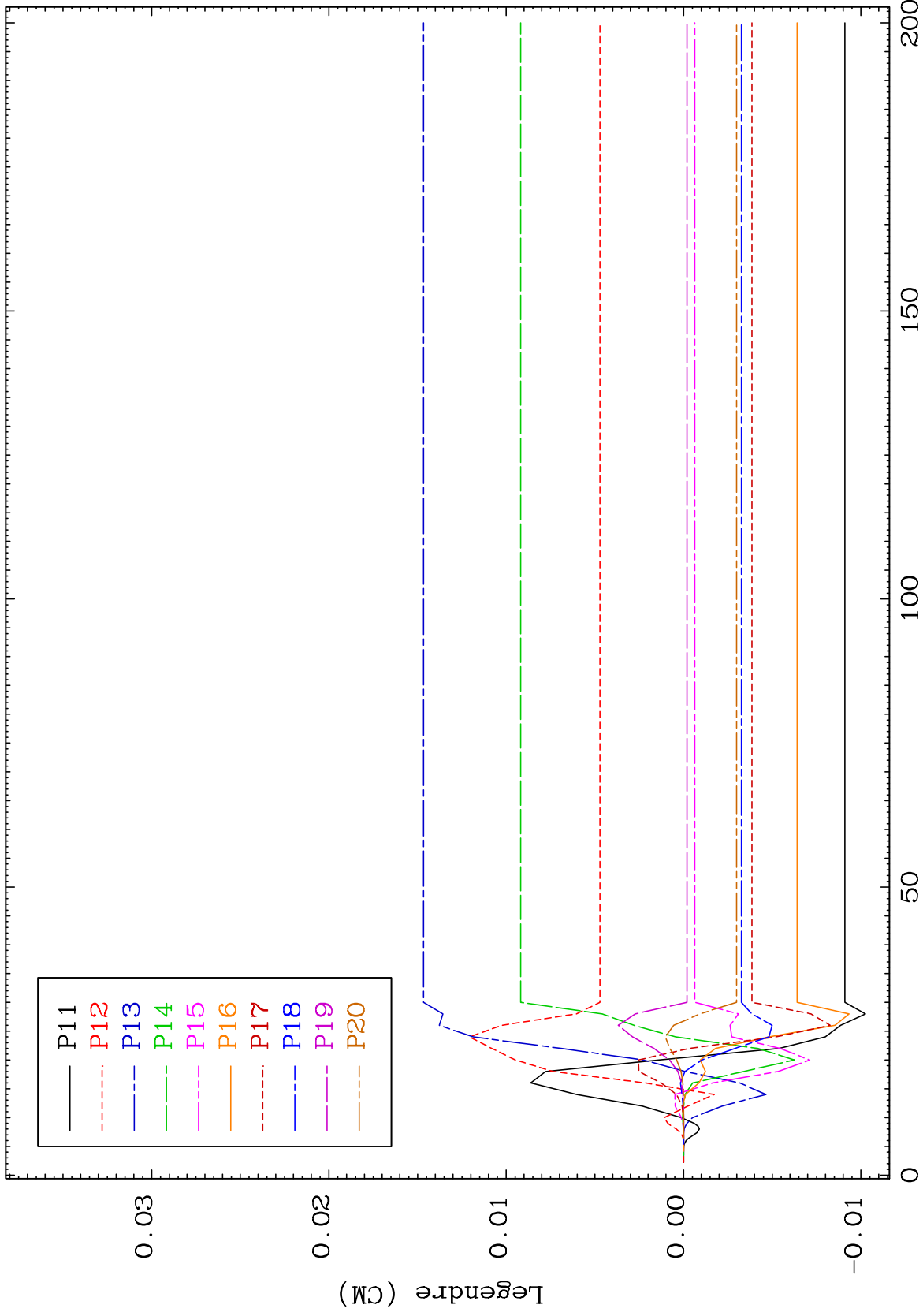
82-Pb-203



MAT 8222

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

82-Pb-203



97

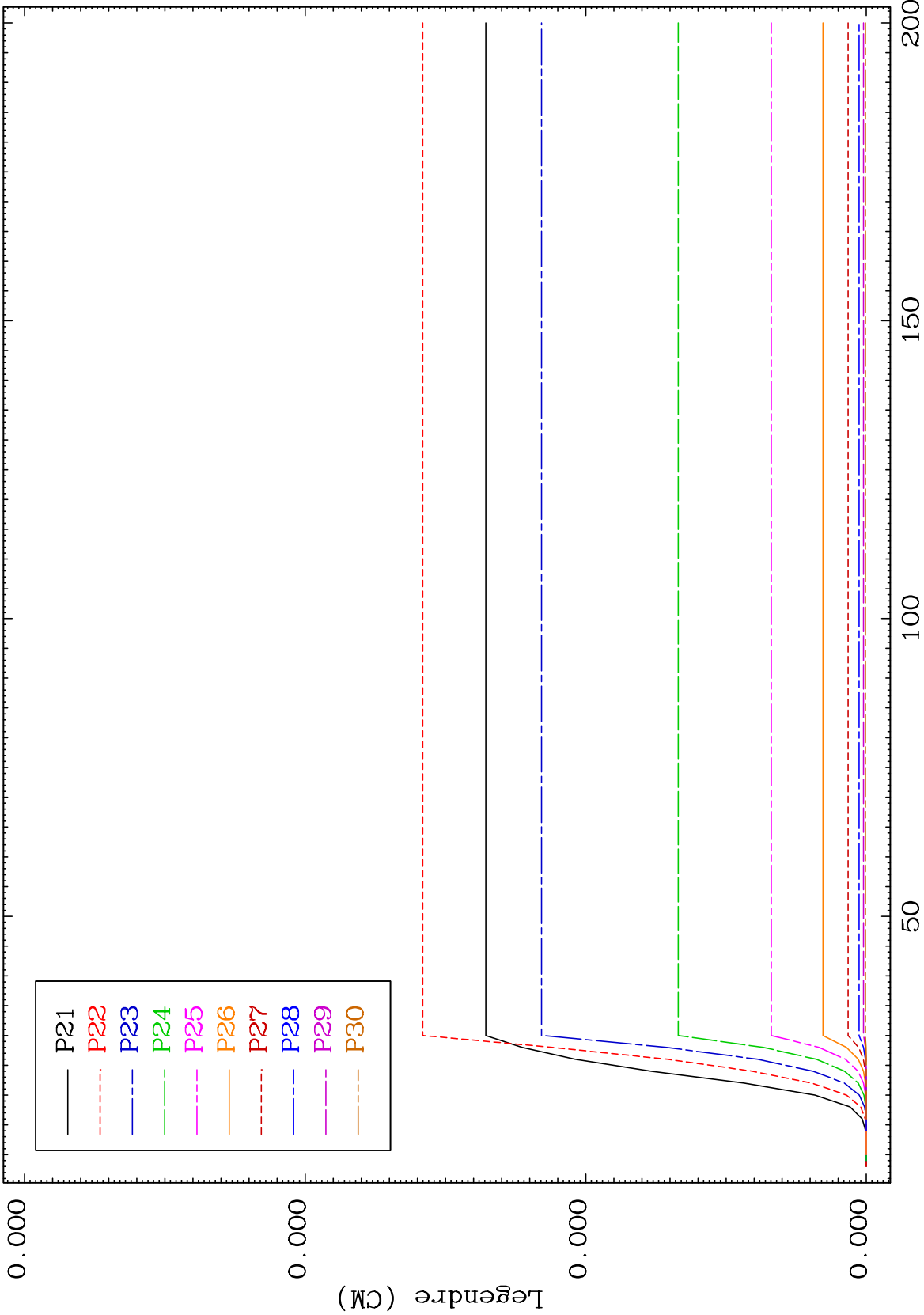
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

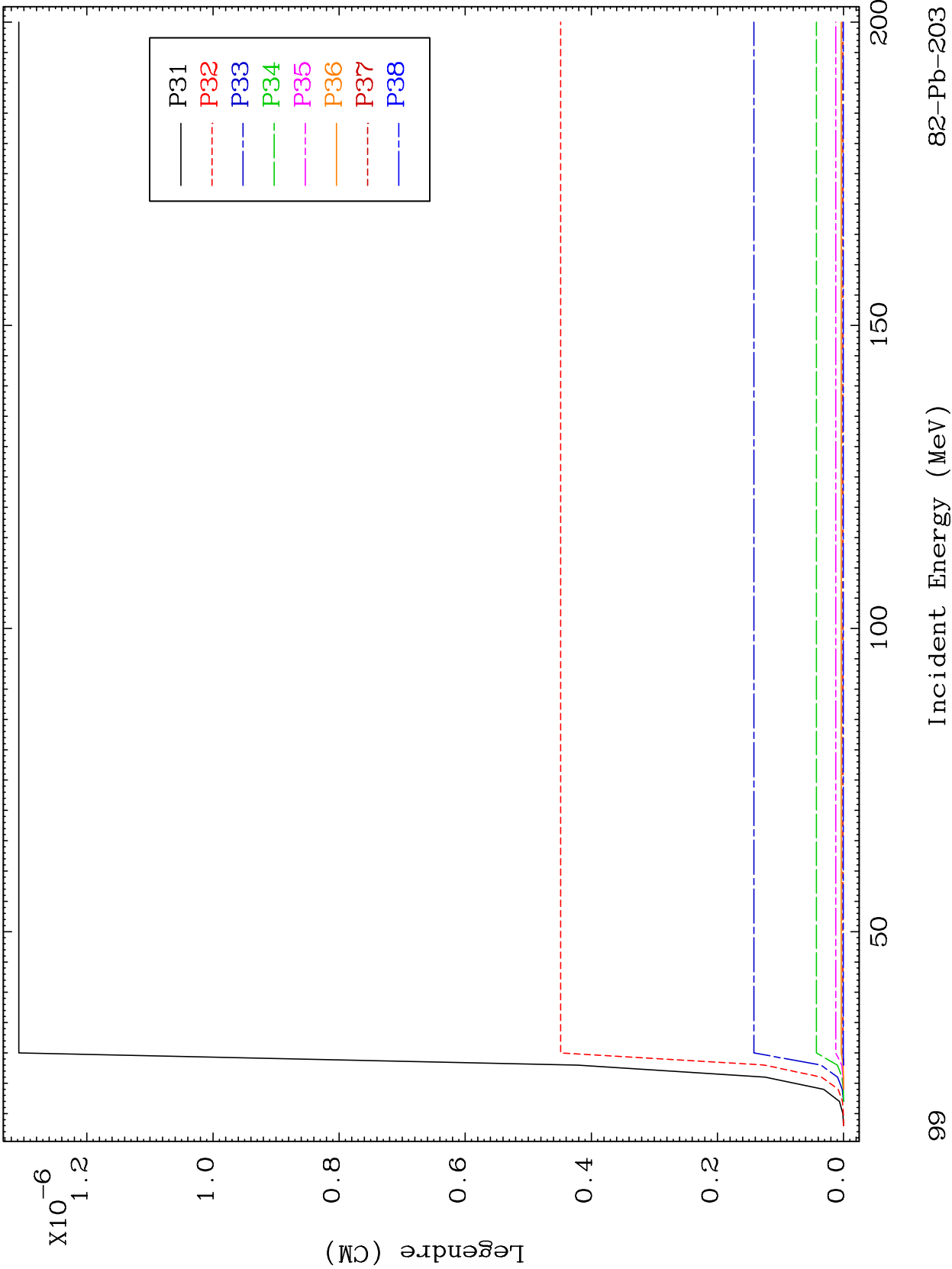
82-Pb-203



MAT 8222

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

82-Pb-203



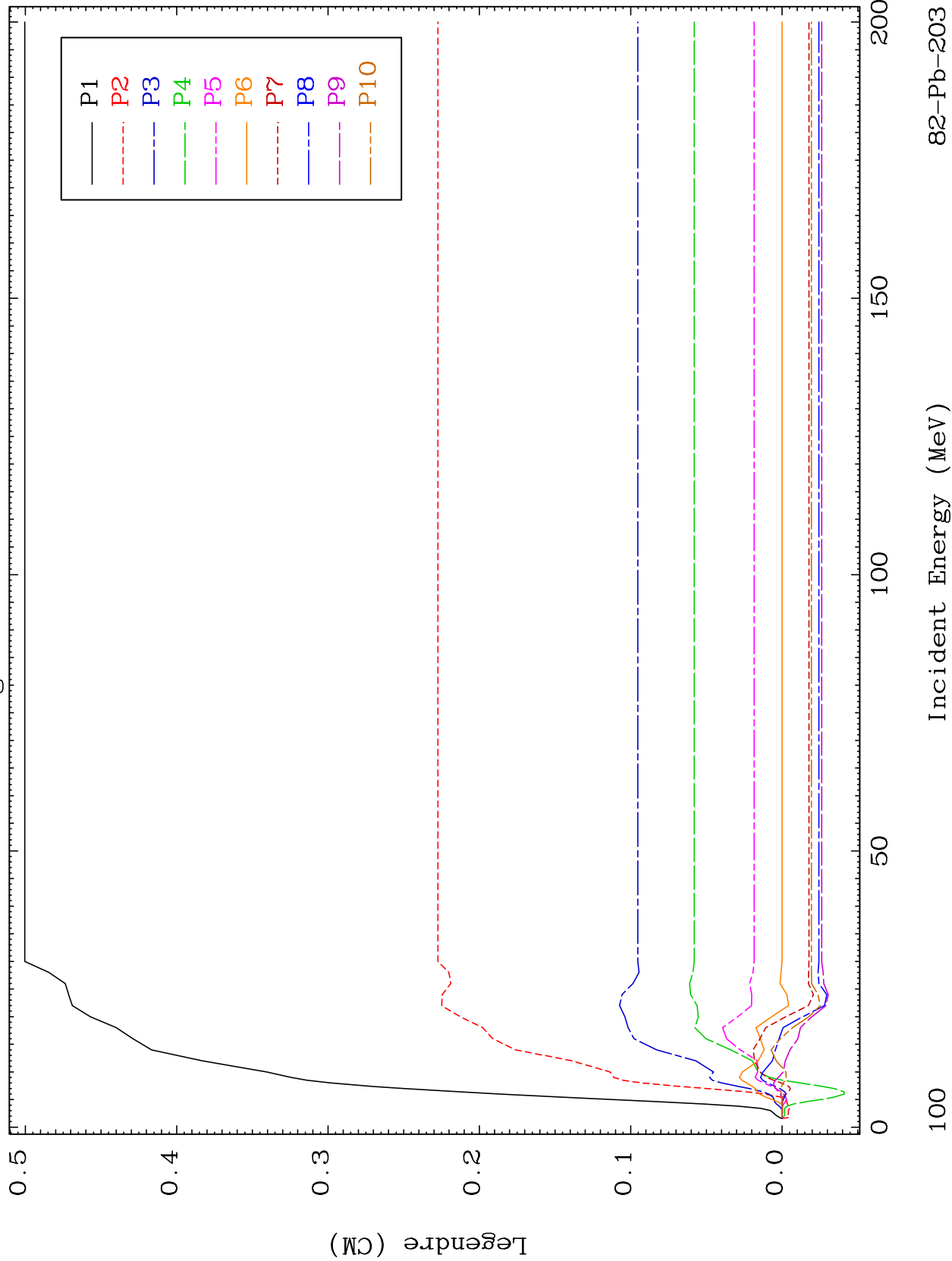
99

82-Pb-203

MAT 82222

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

82-Pb-203



82-Pb-203

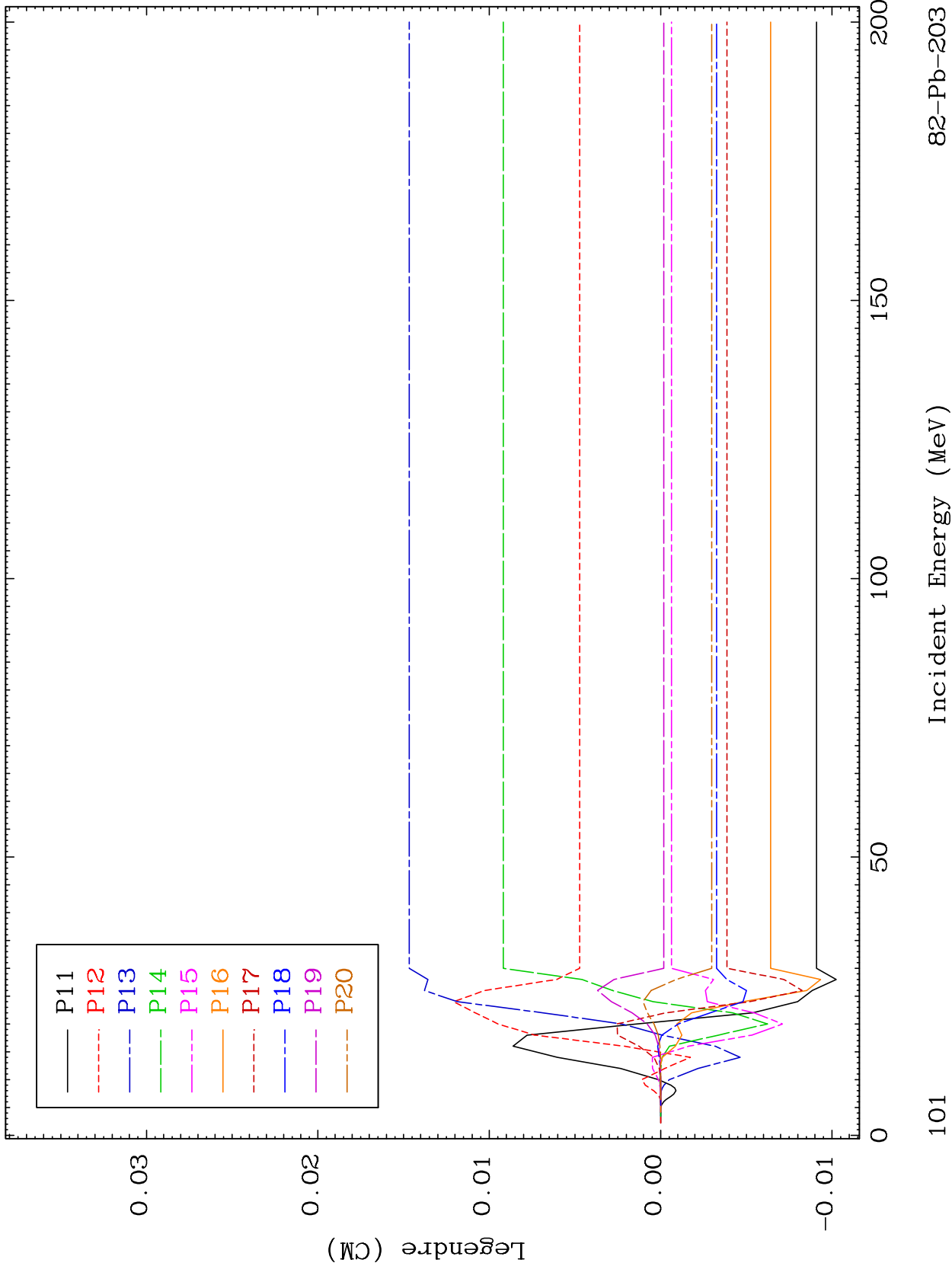
Incident Energy (MeV)

Legendre (CM)

MAT 8222

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

82-Pb-203



101

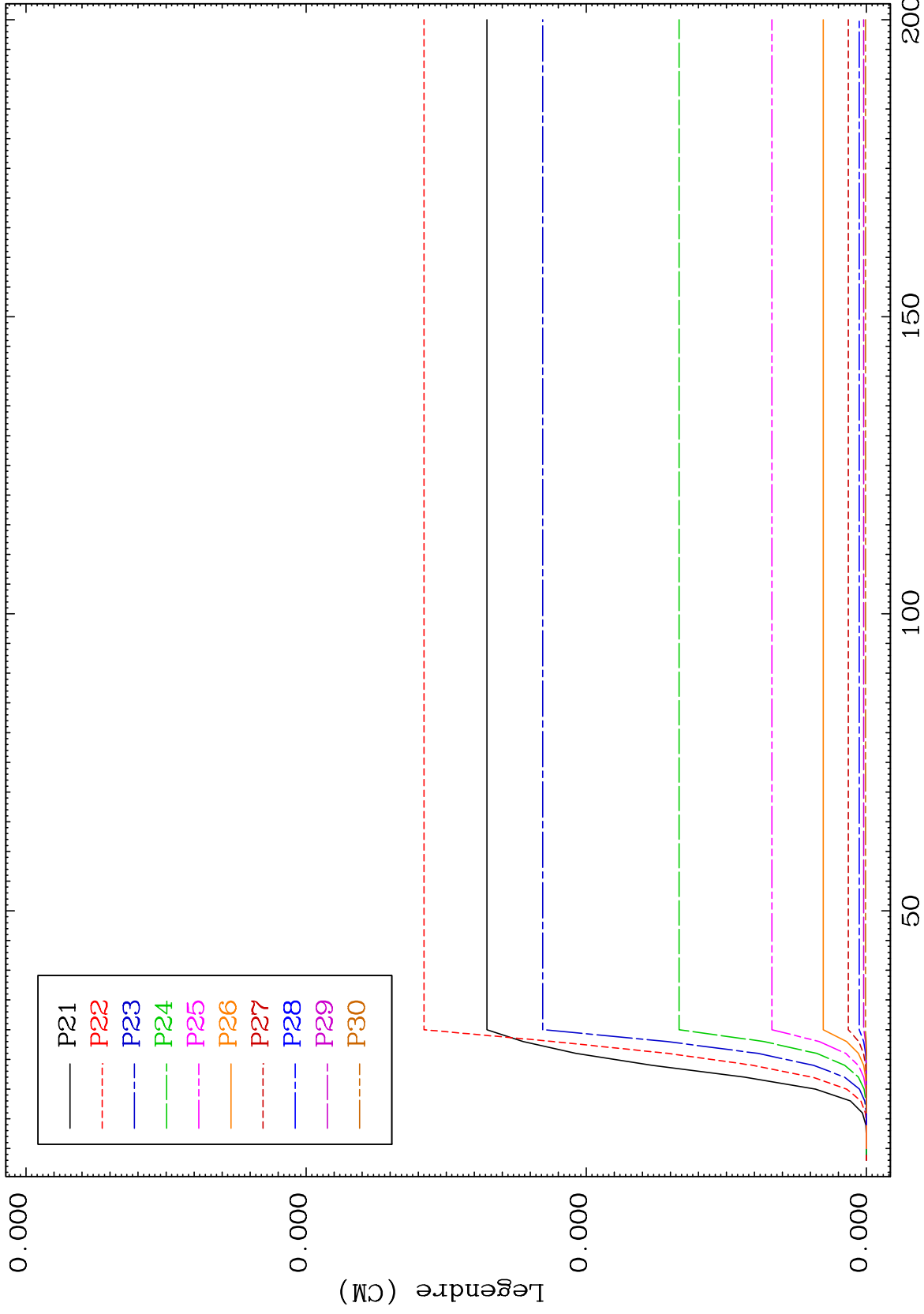
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

82-Pb-203



102

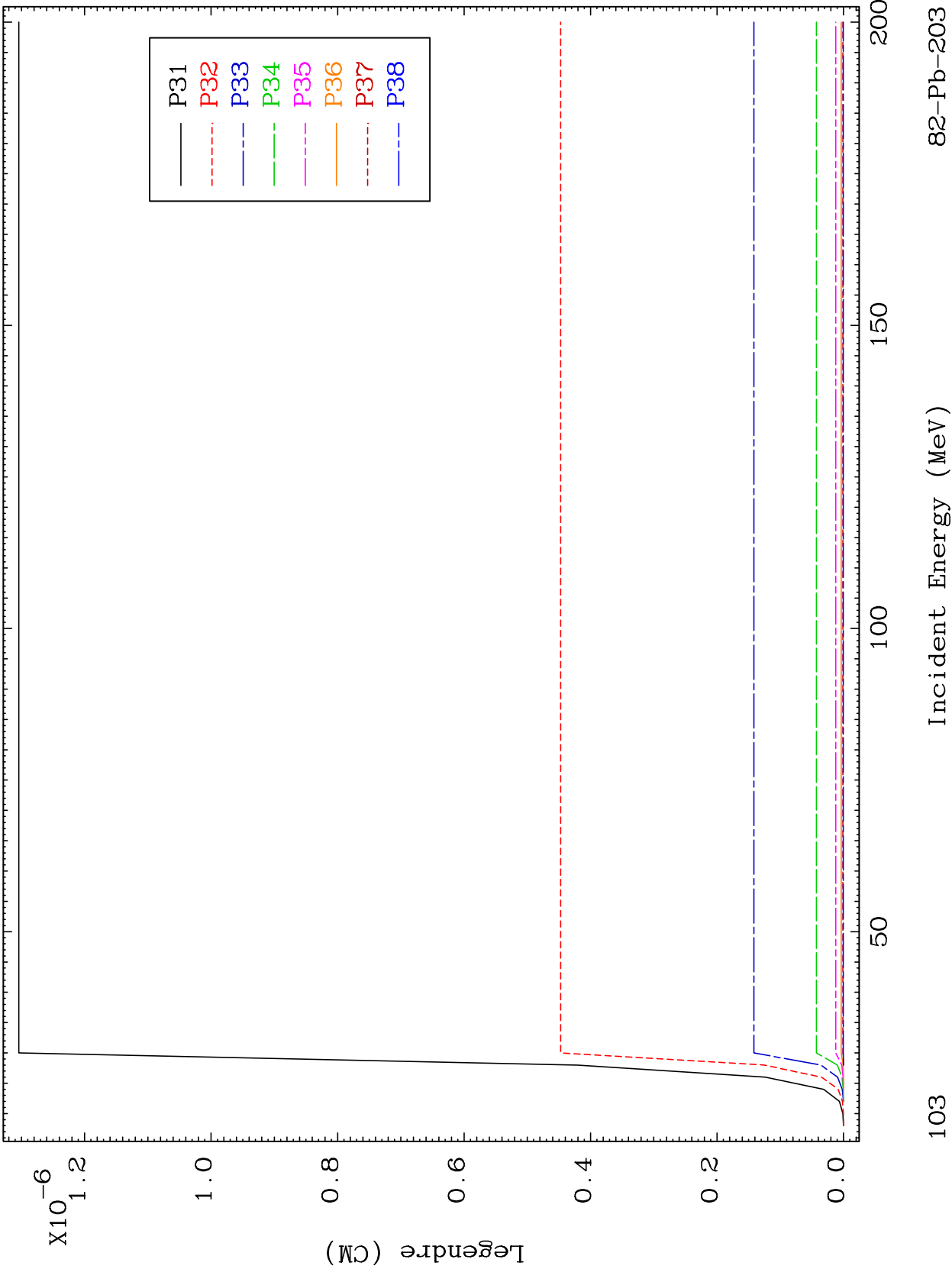
Incident Energy (MeV)

82-Pb-203

MAT 8222

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

82-Pb-203



103

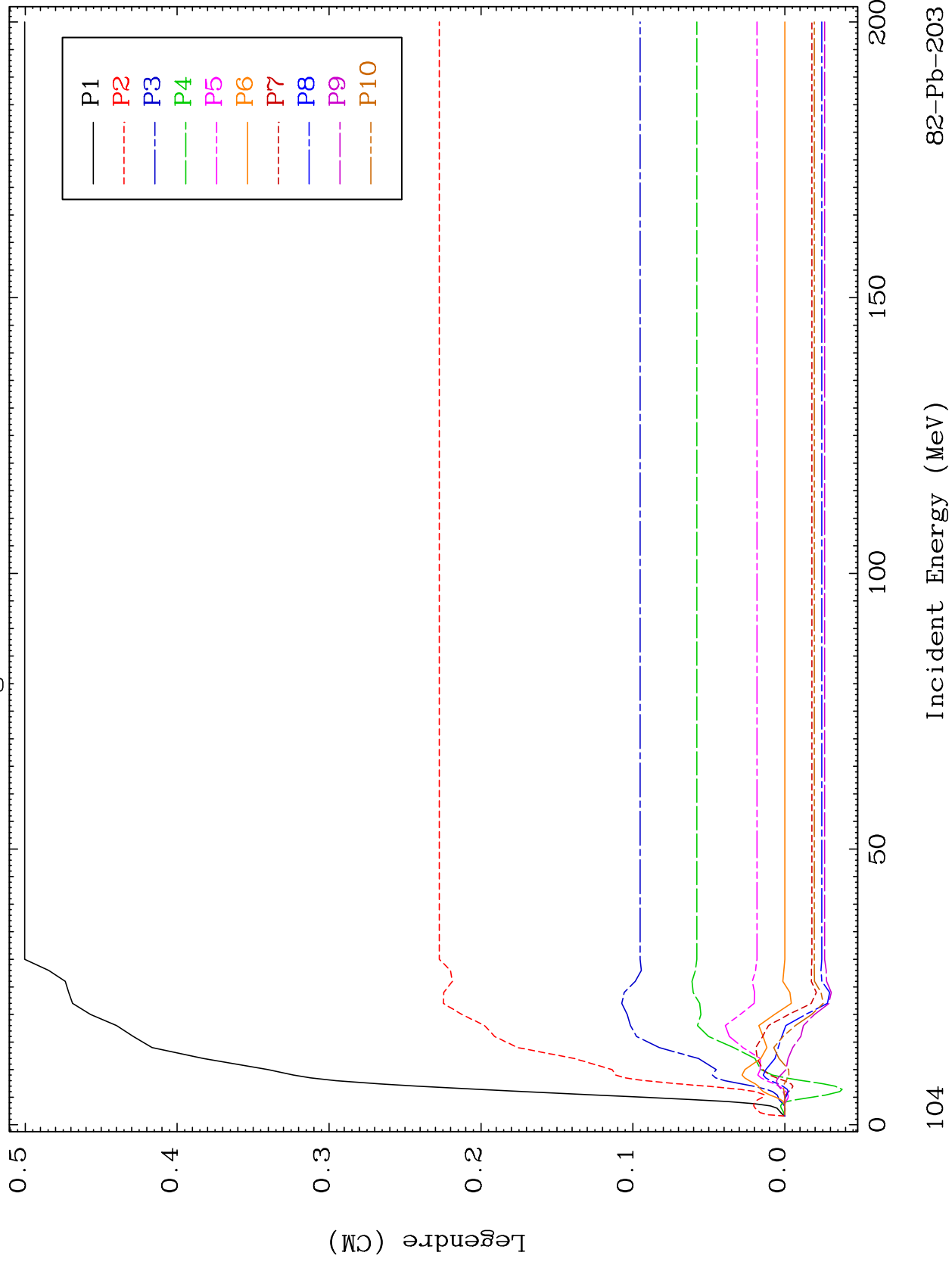
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

82-Pb-203



82-Pb-203

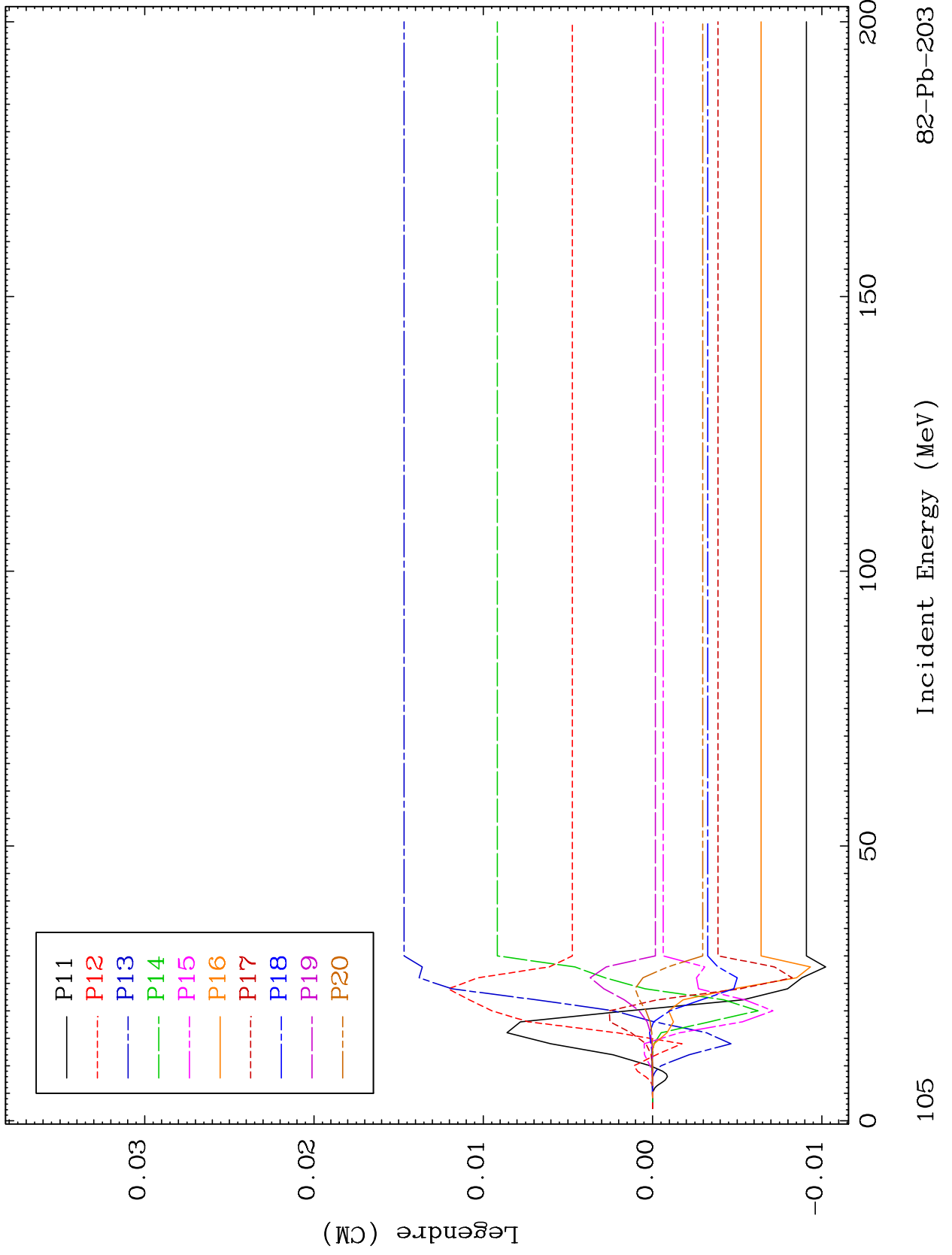
Incident Energy (MeV)

104

MAT 8222

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

82-Pb-203



82-Pb-203

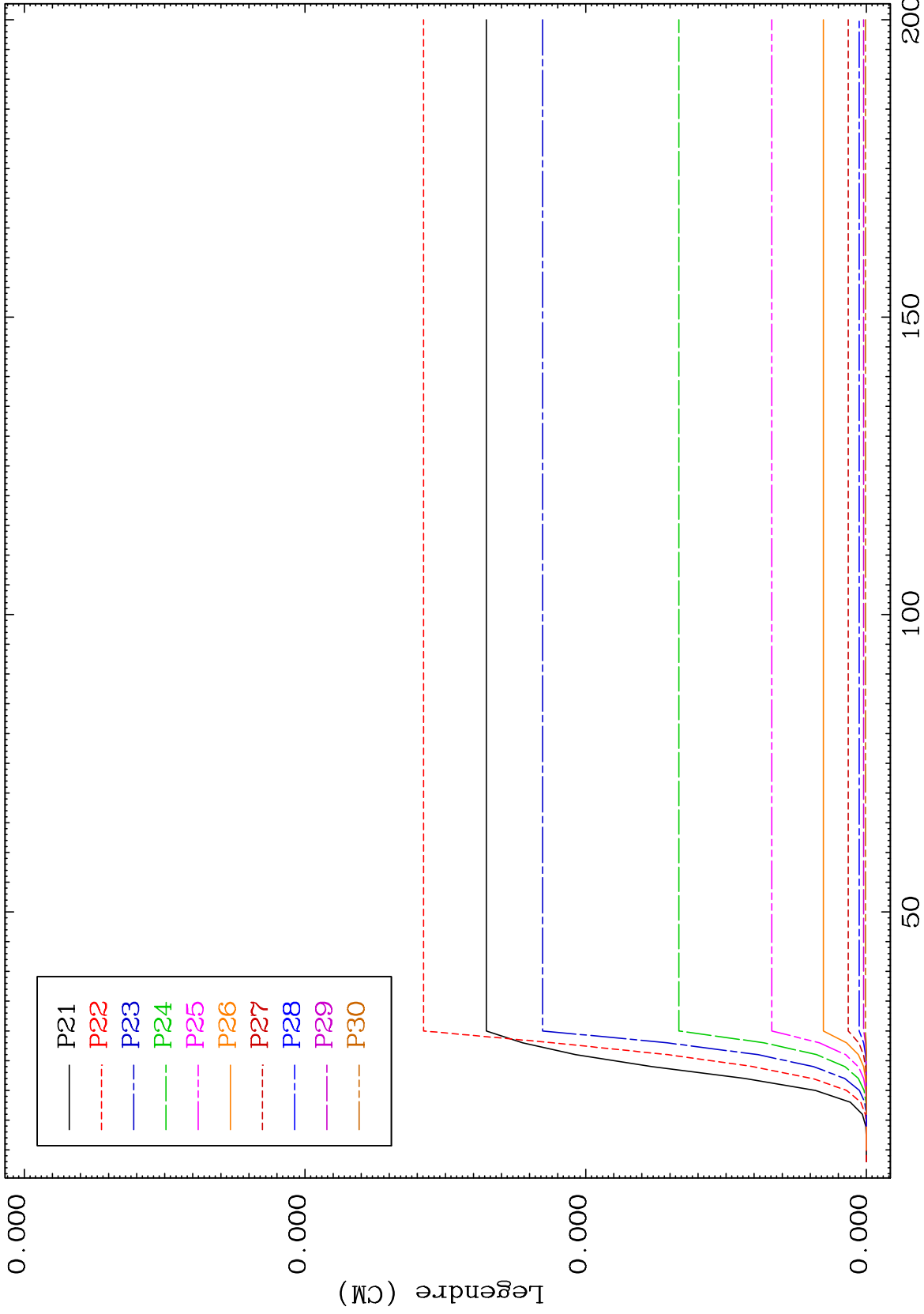
Incident Energy (MeV)

105

MAT 82222

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

82-Pb-203



106

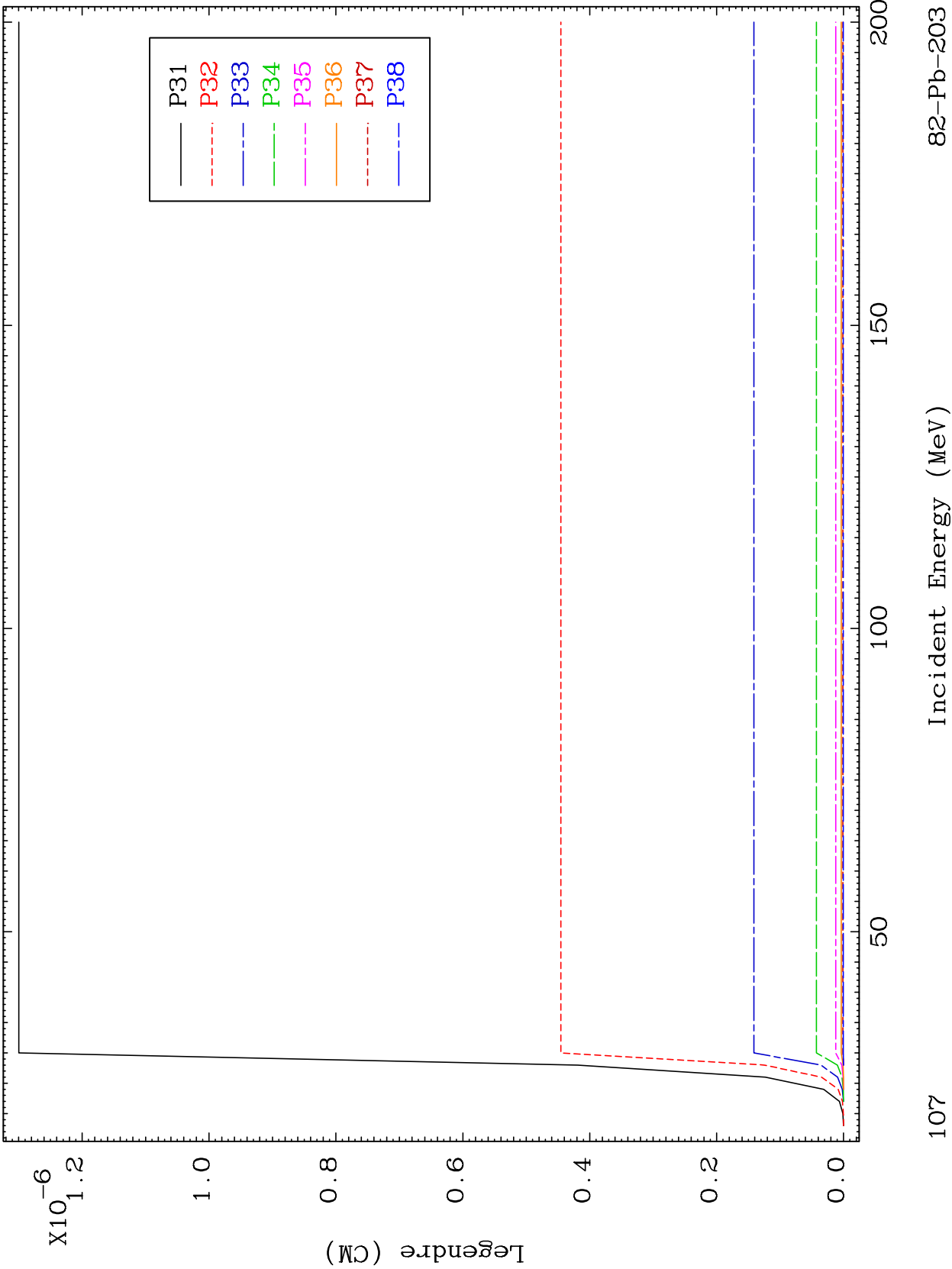
Incident Energy (MeV)

82-Pb-203

MAT 8222

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

82-Pb-203

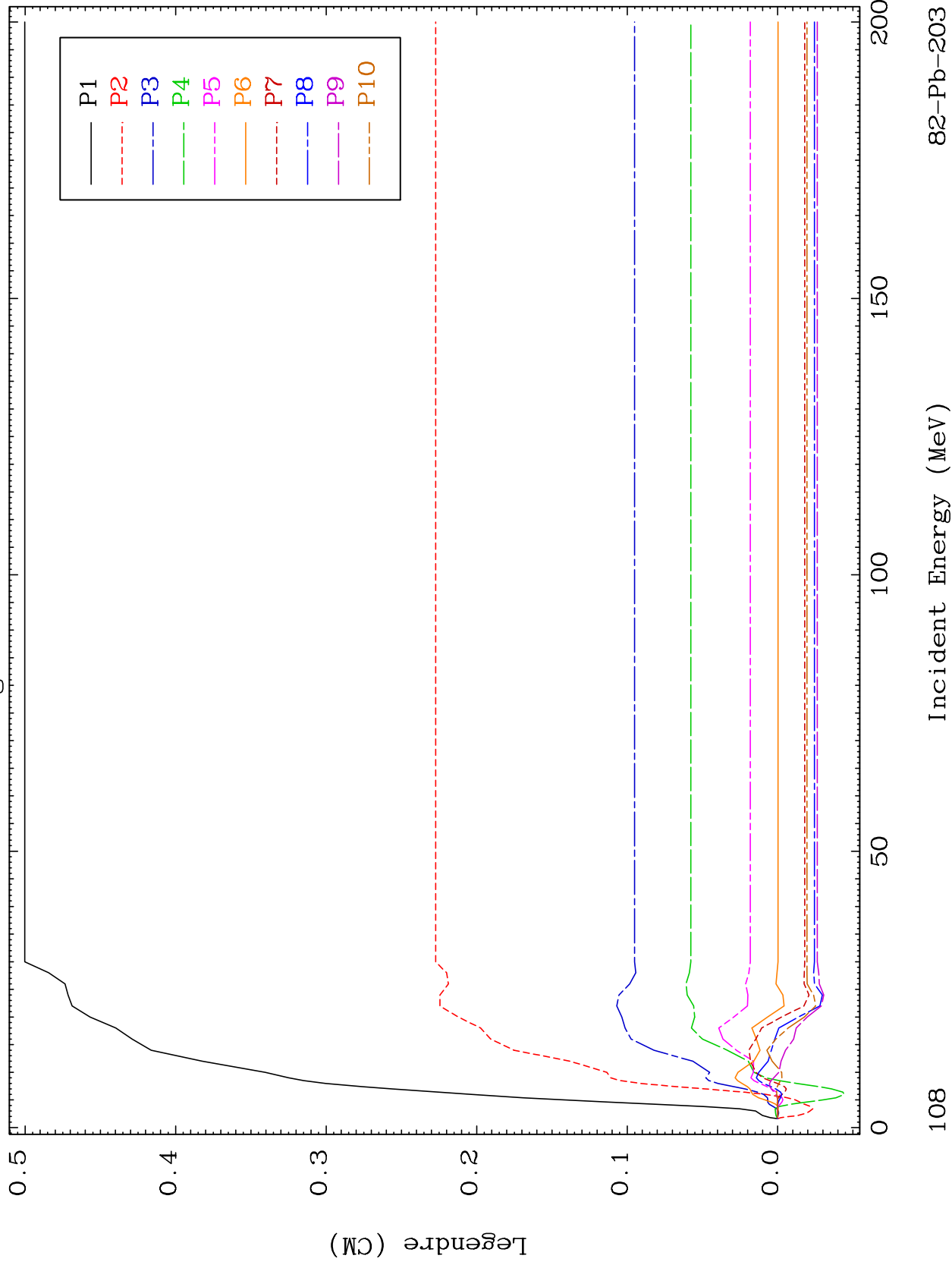


107

MAT 82222

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

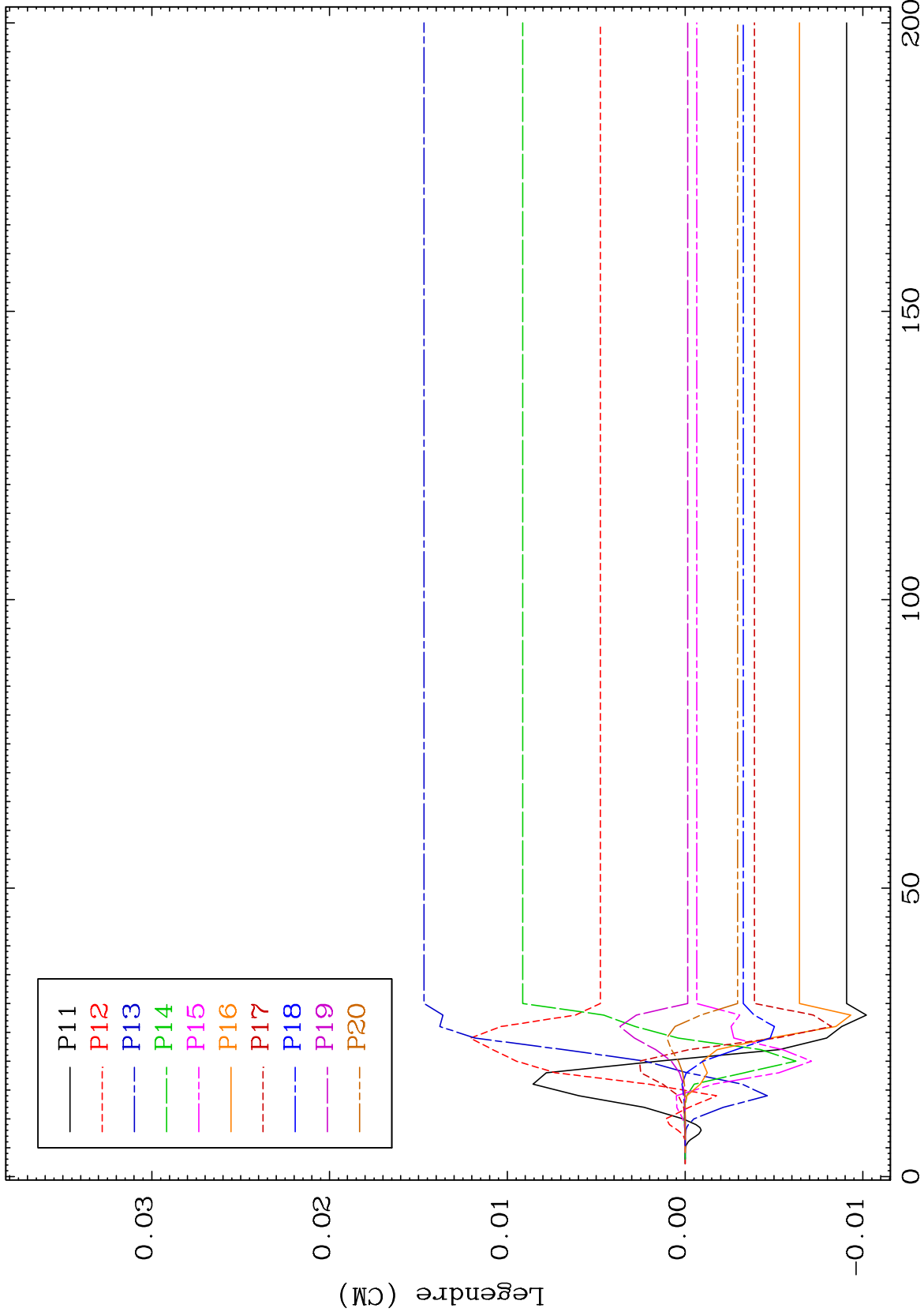
82-Pb-203



MAT 8222

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

82-Pb-203



109

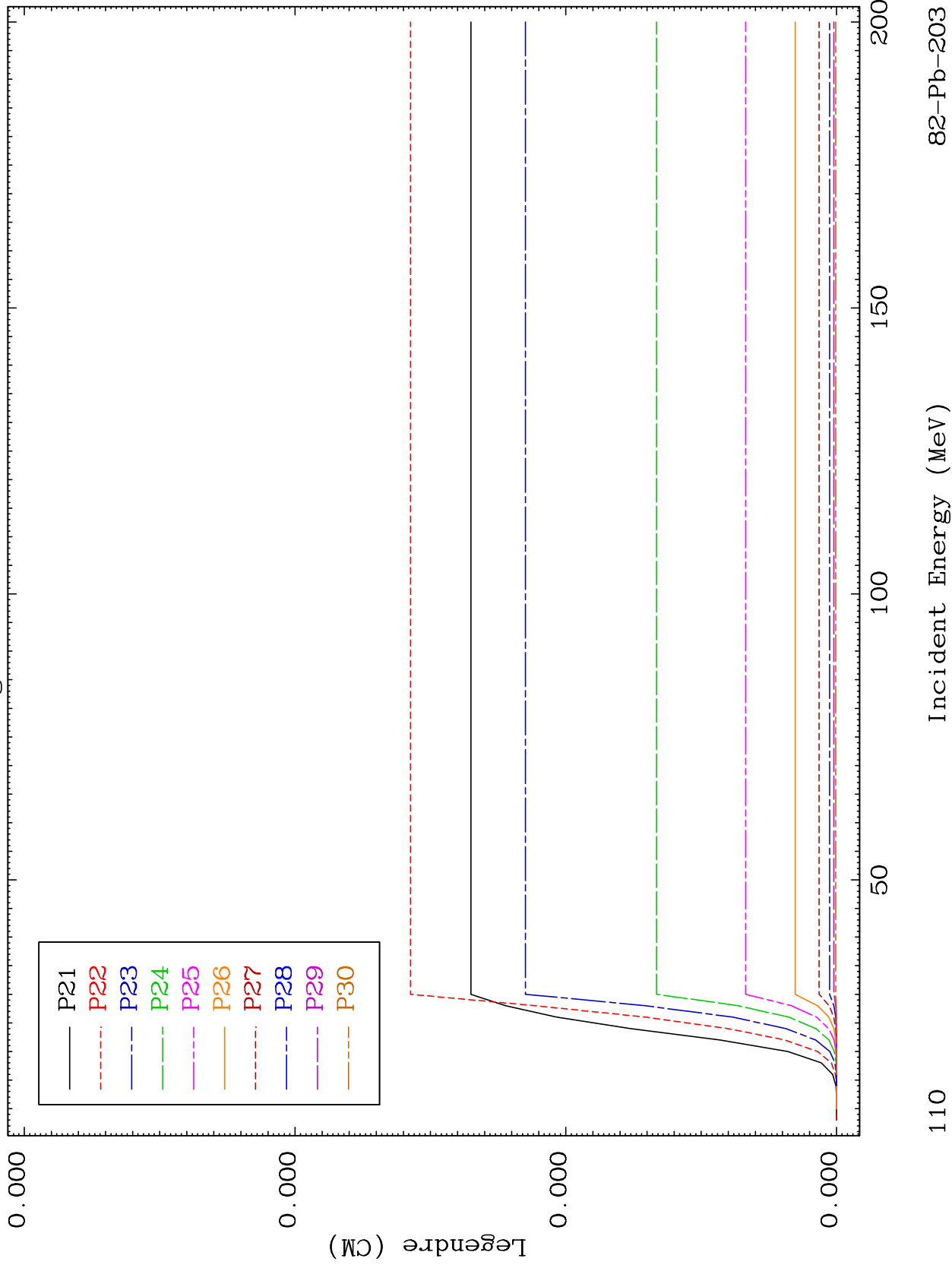
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

82-Pb-203



110

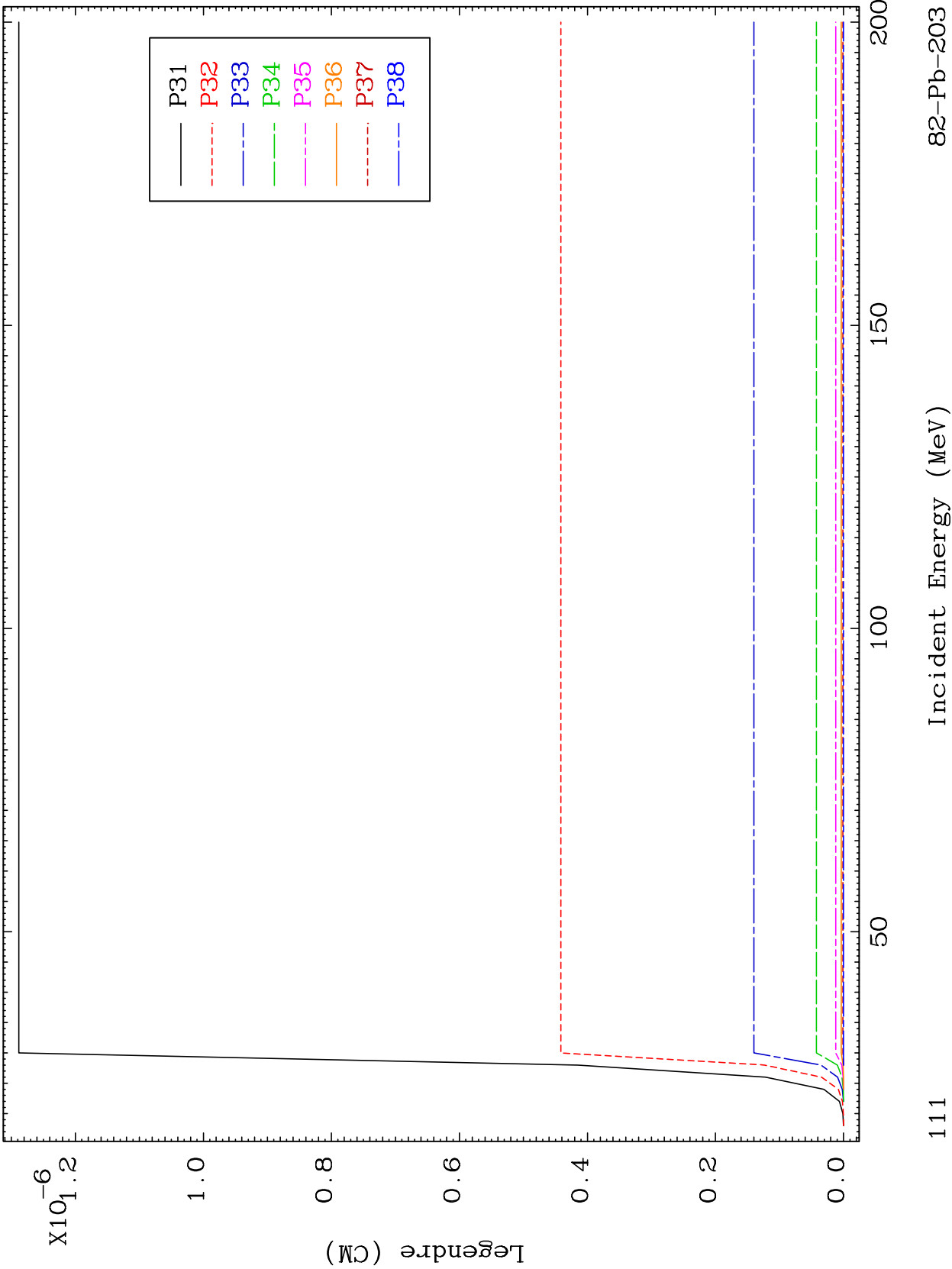
Incident Energy (MeV)

82-Pb-203

MAT 8222

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

82-Pb-203

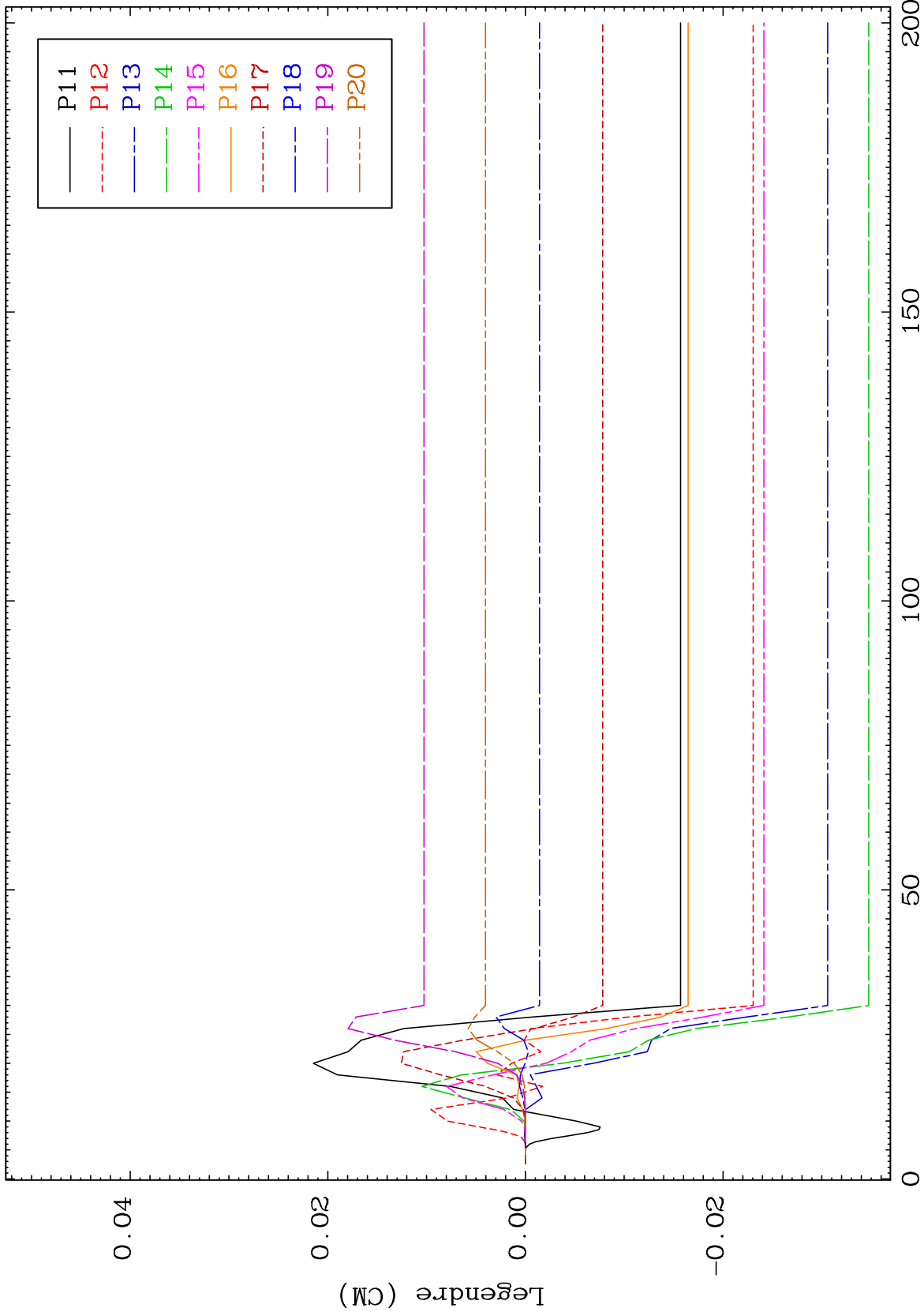


111

MAT 8222

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

82-Pb-203



113

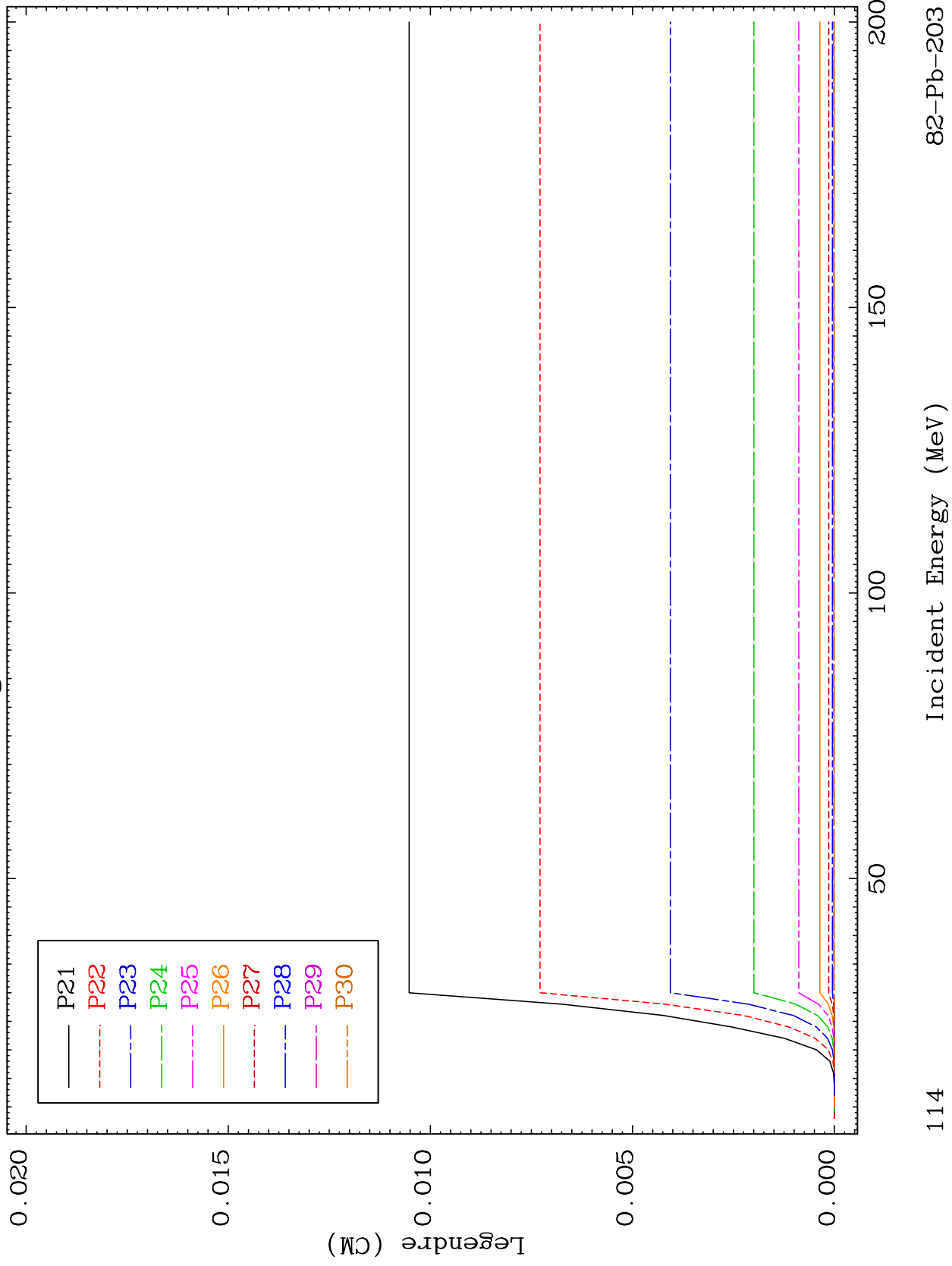
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

82-Pb-203

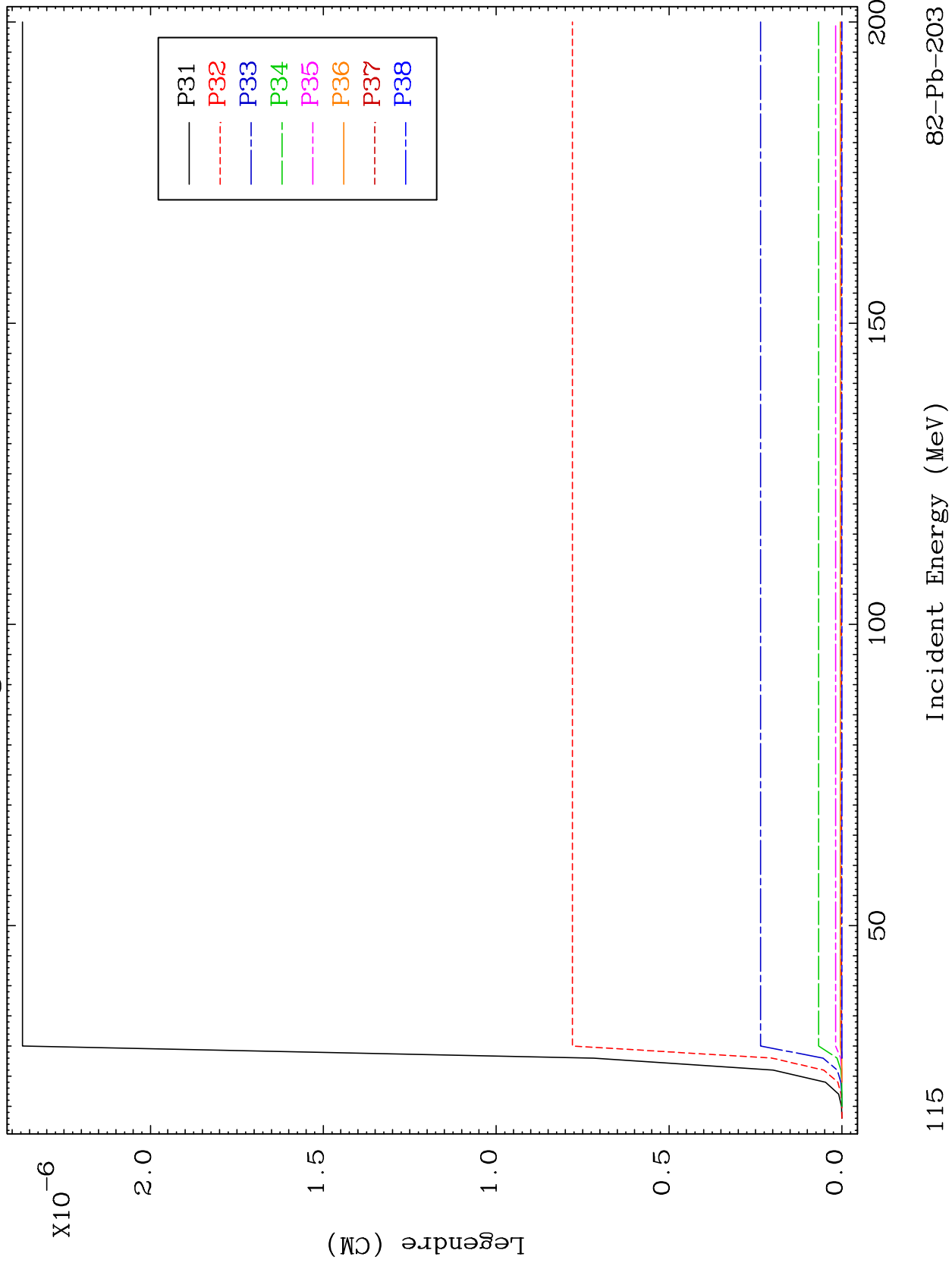


114

MAT 8222

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

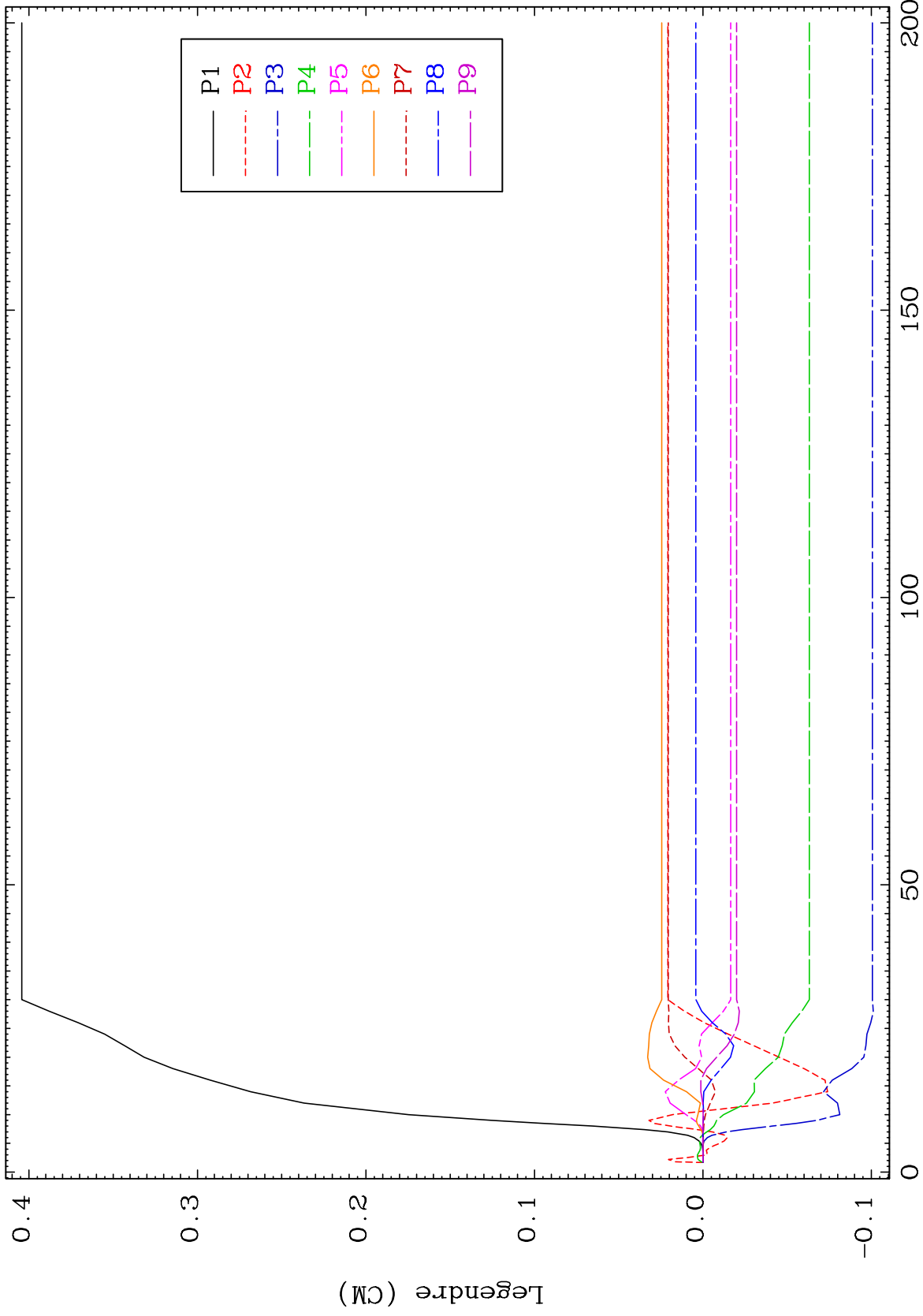
82-Pb-203



MAT 82222

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

82-Pb-203



116

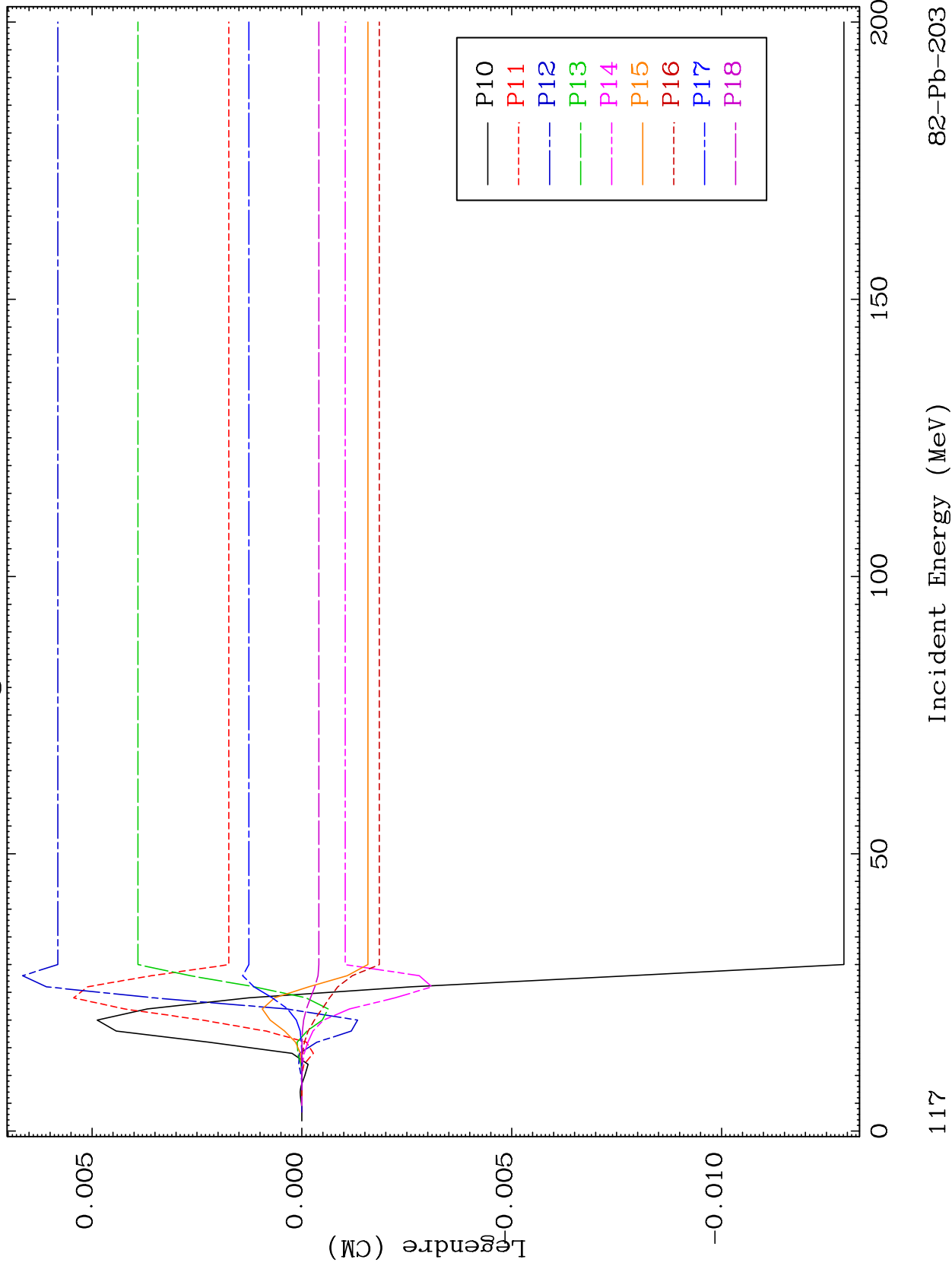
Incident Energy (MeV)

82-Pb-203

MAT 8222

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

82-Pb-203



117

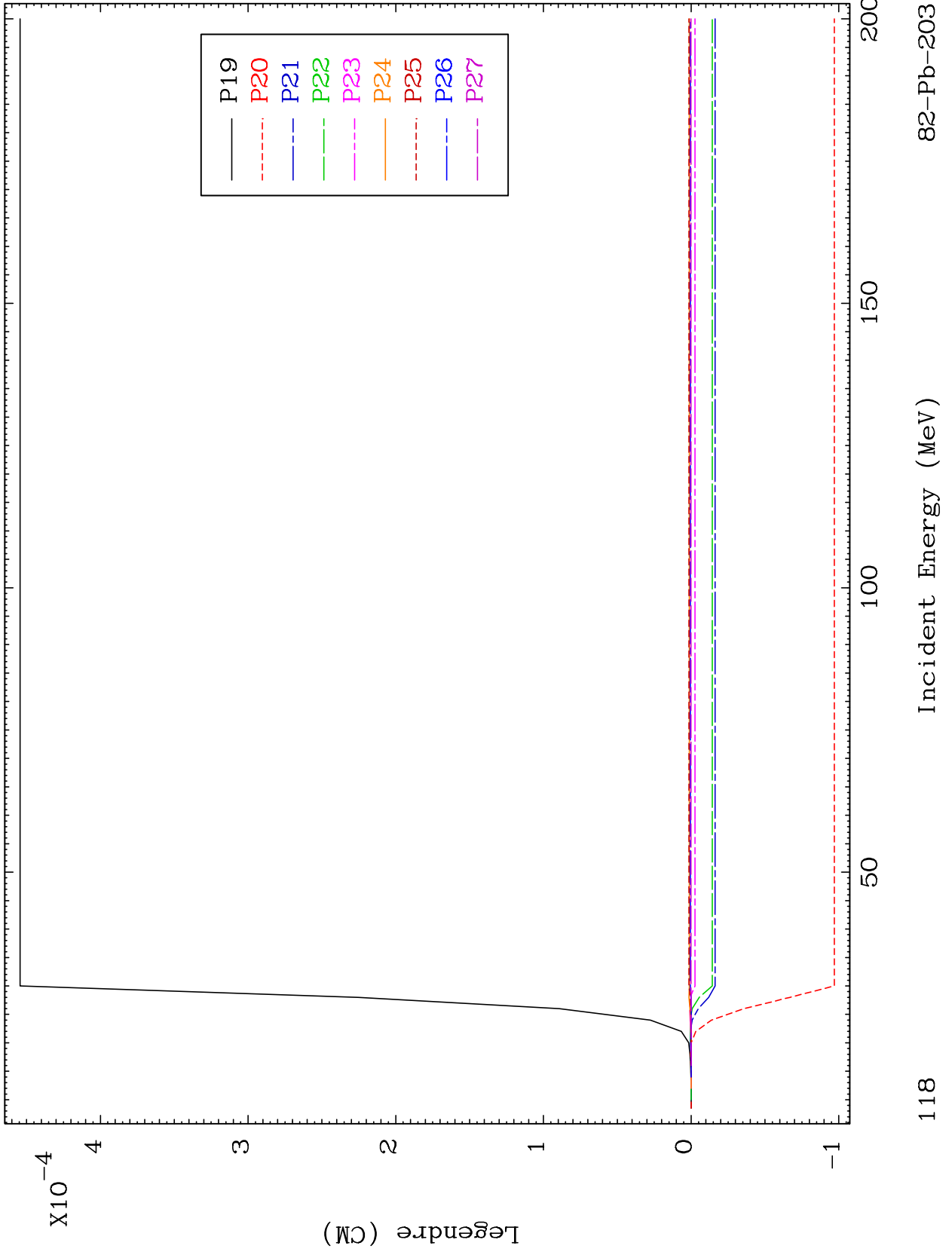
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

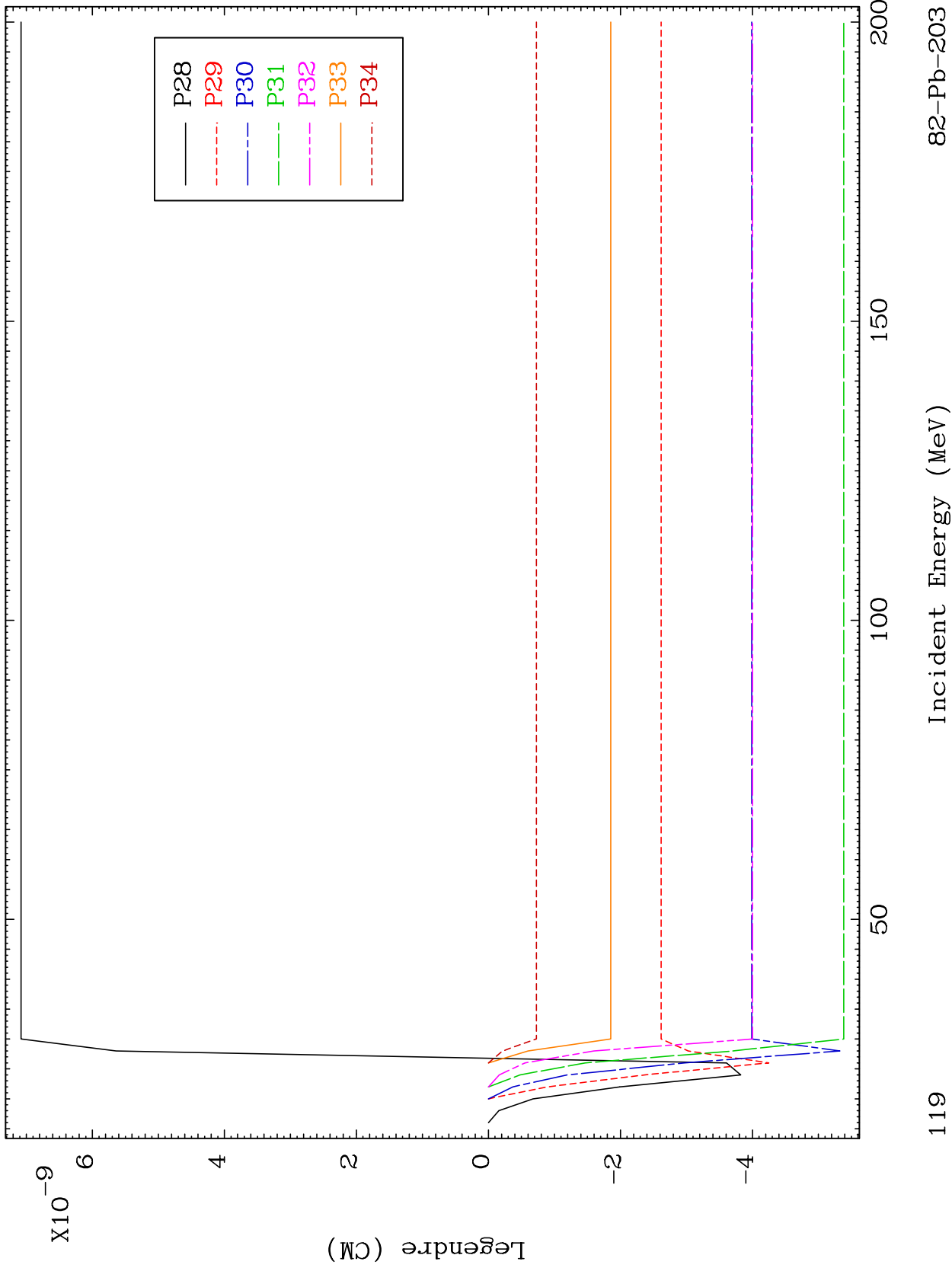
82-Pb-203



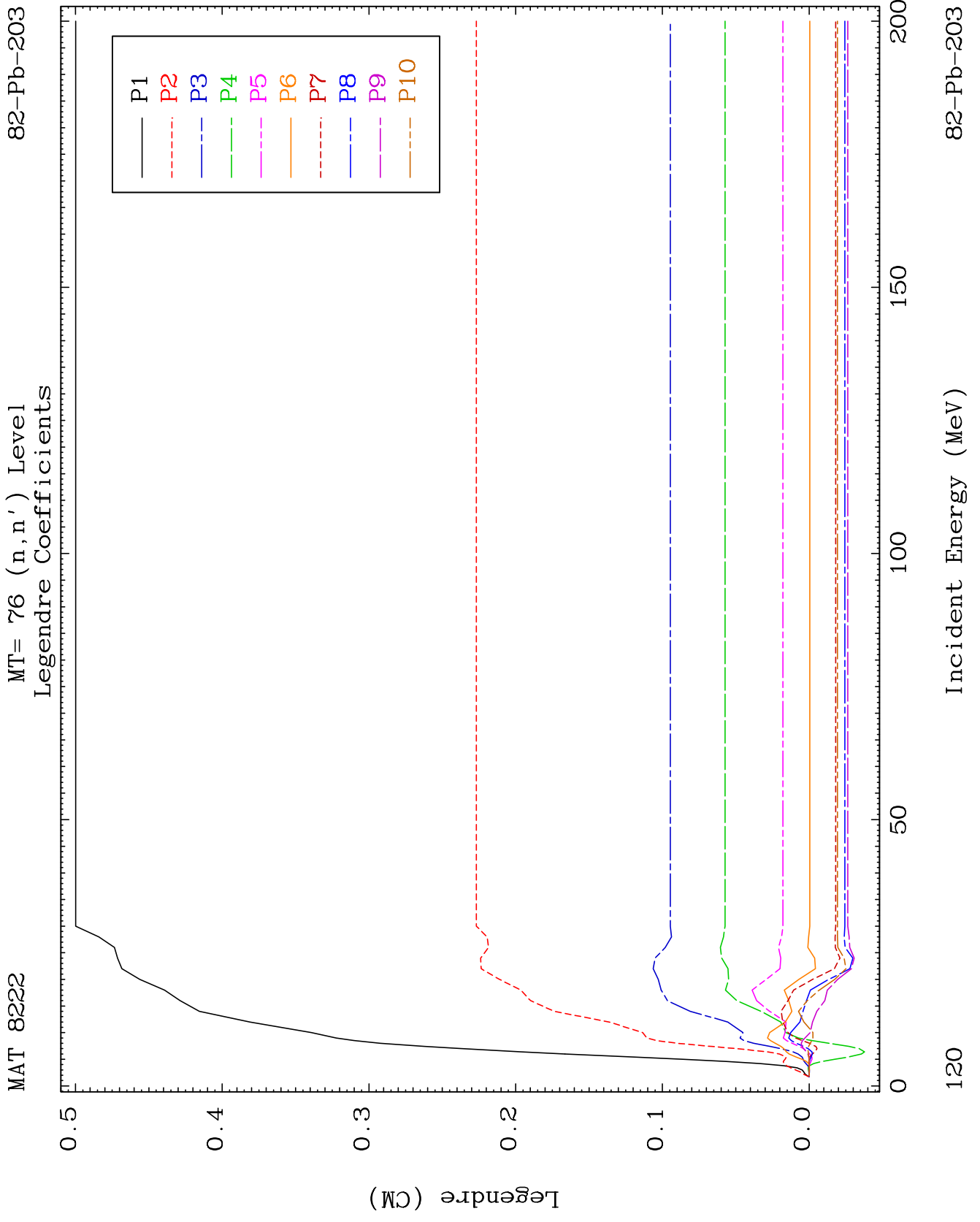
MAT 8222

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

82-Pb-203



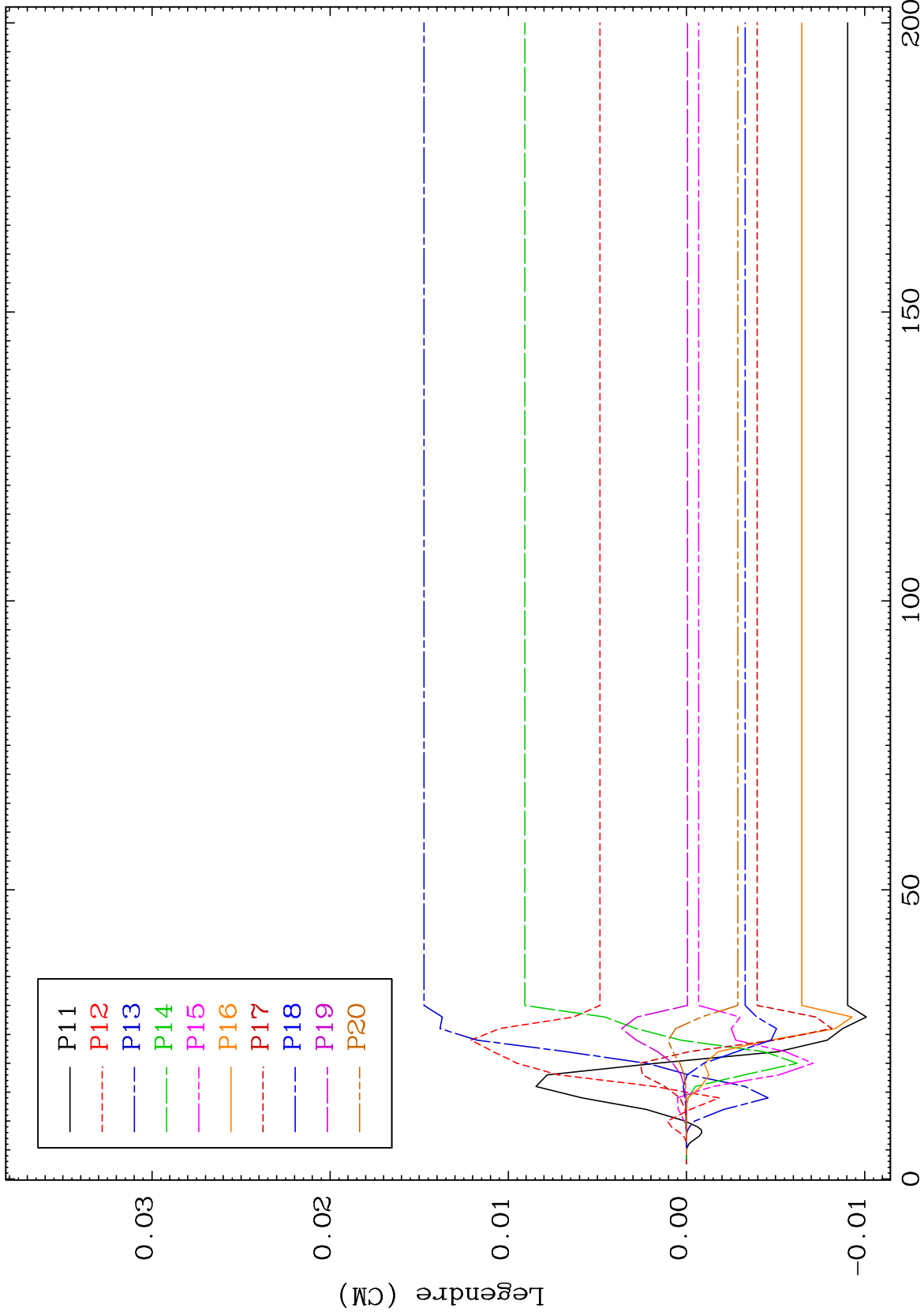
119



MAT 8222

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

82-Pb-203



121

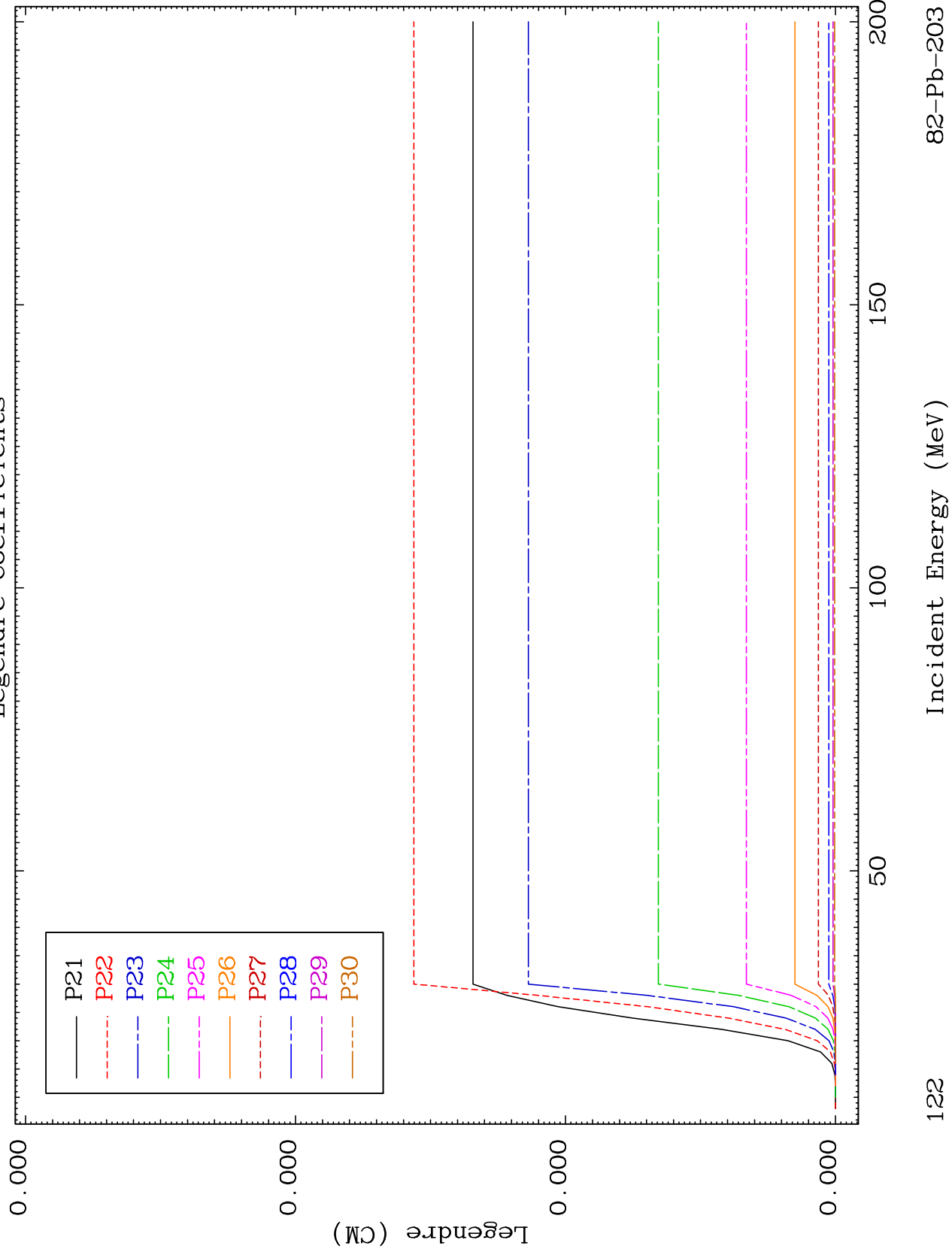
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

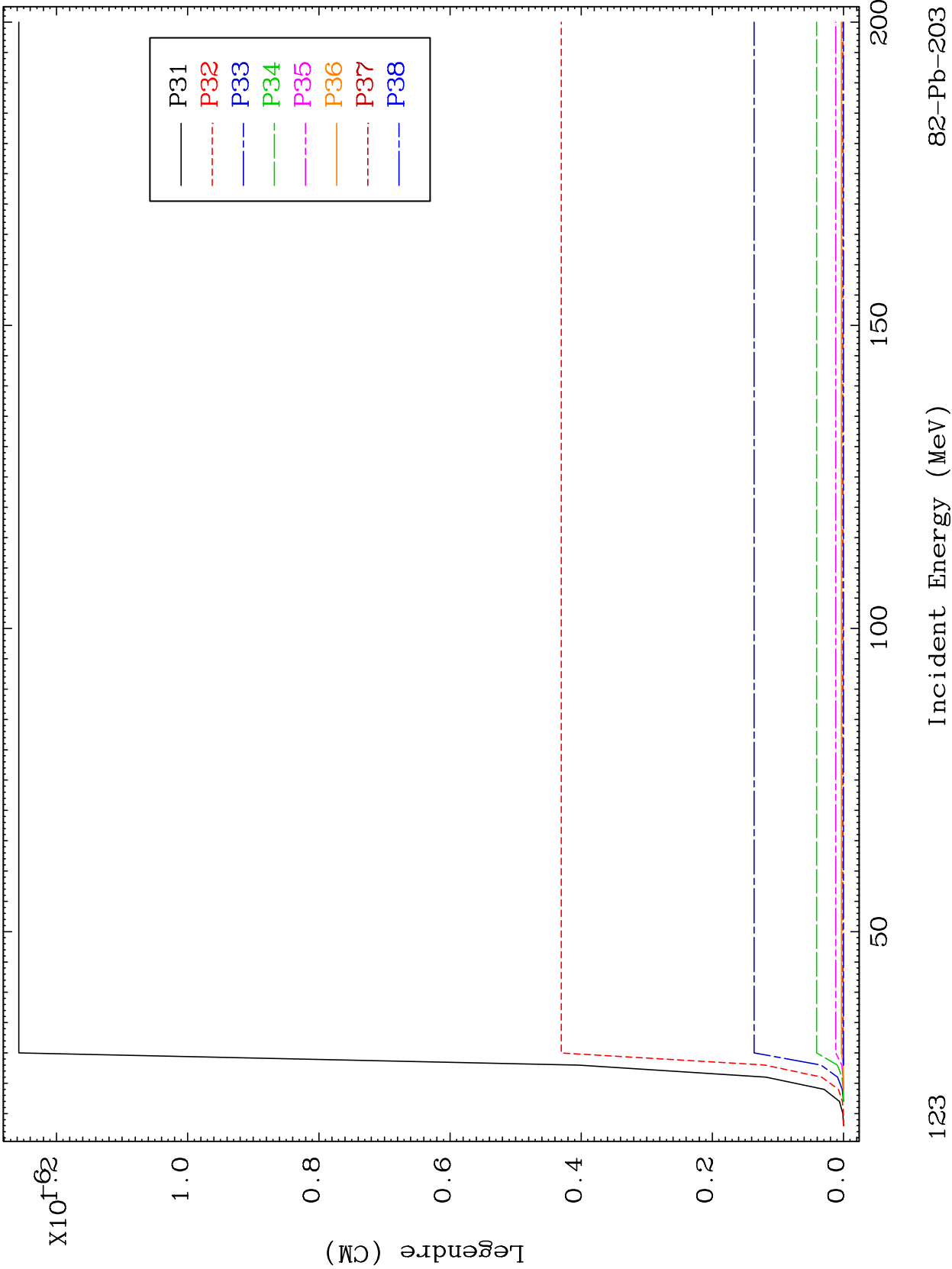
82-Pb-203



MAT 8222

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

82-Pb-203

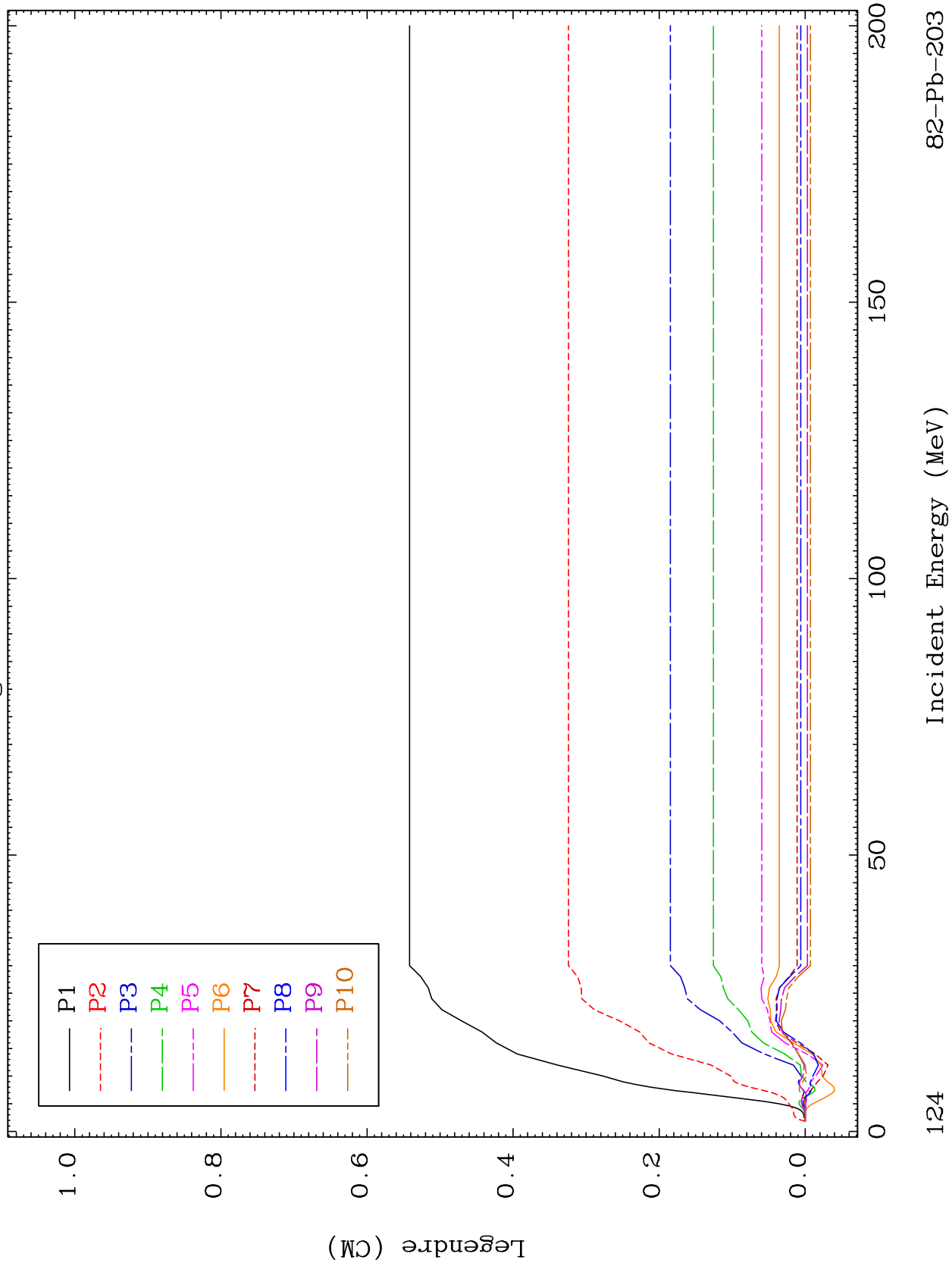


123

MAT 8222

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

82-Pb-203



124

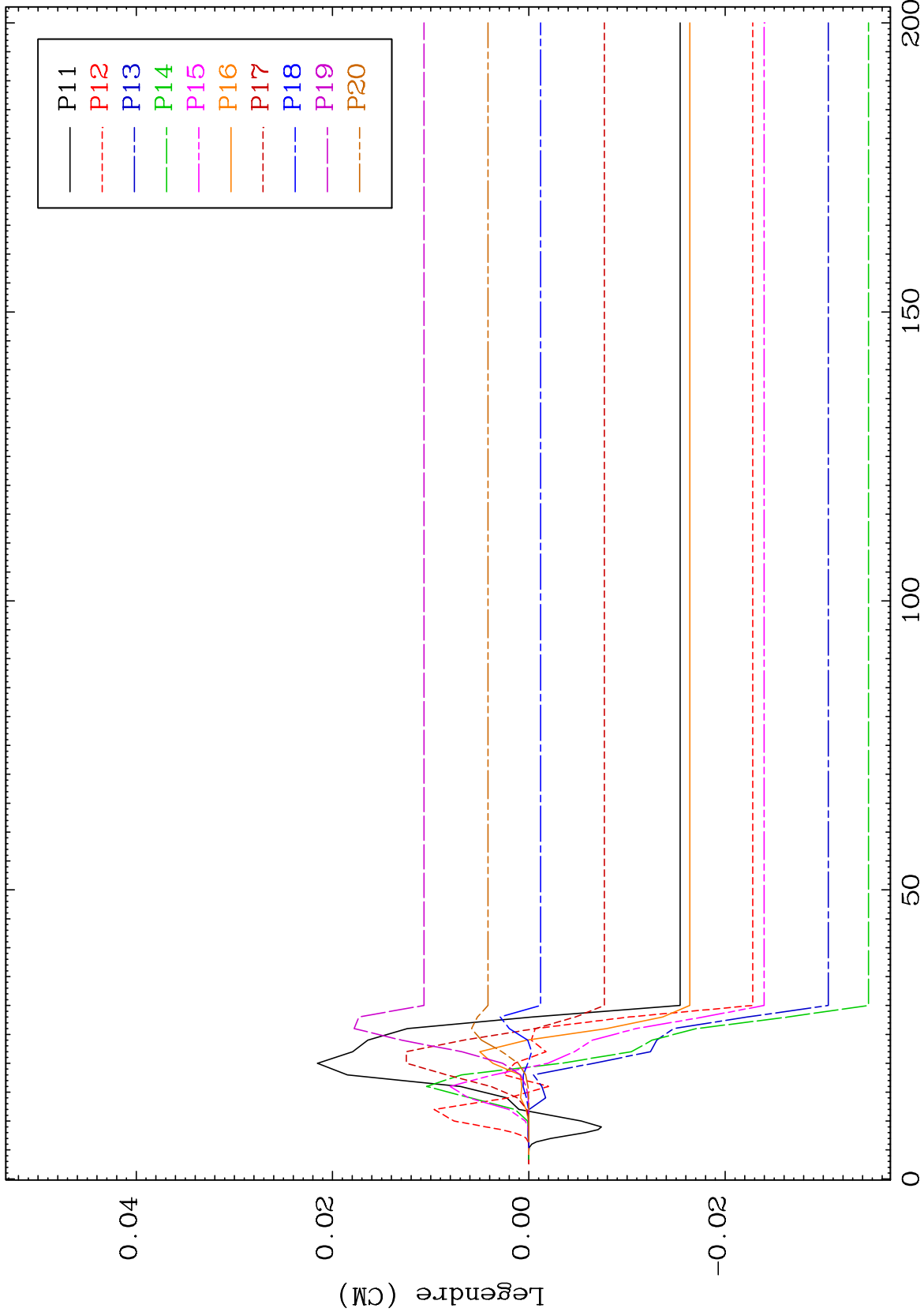
Incident Energy (MeV)

82-Pb-203

MAT 82222

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

82-Pb-203



82-Pb-203

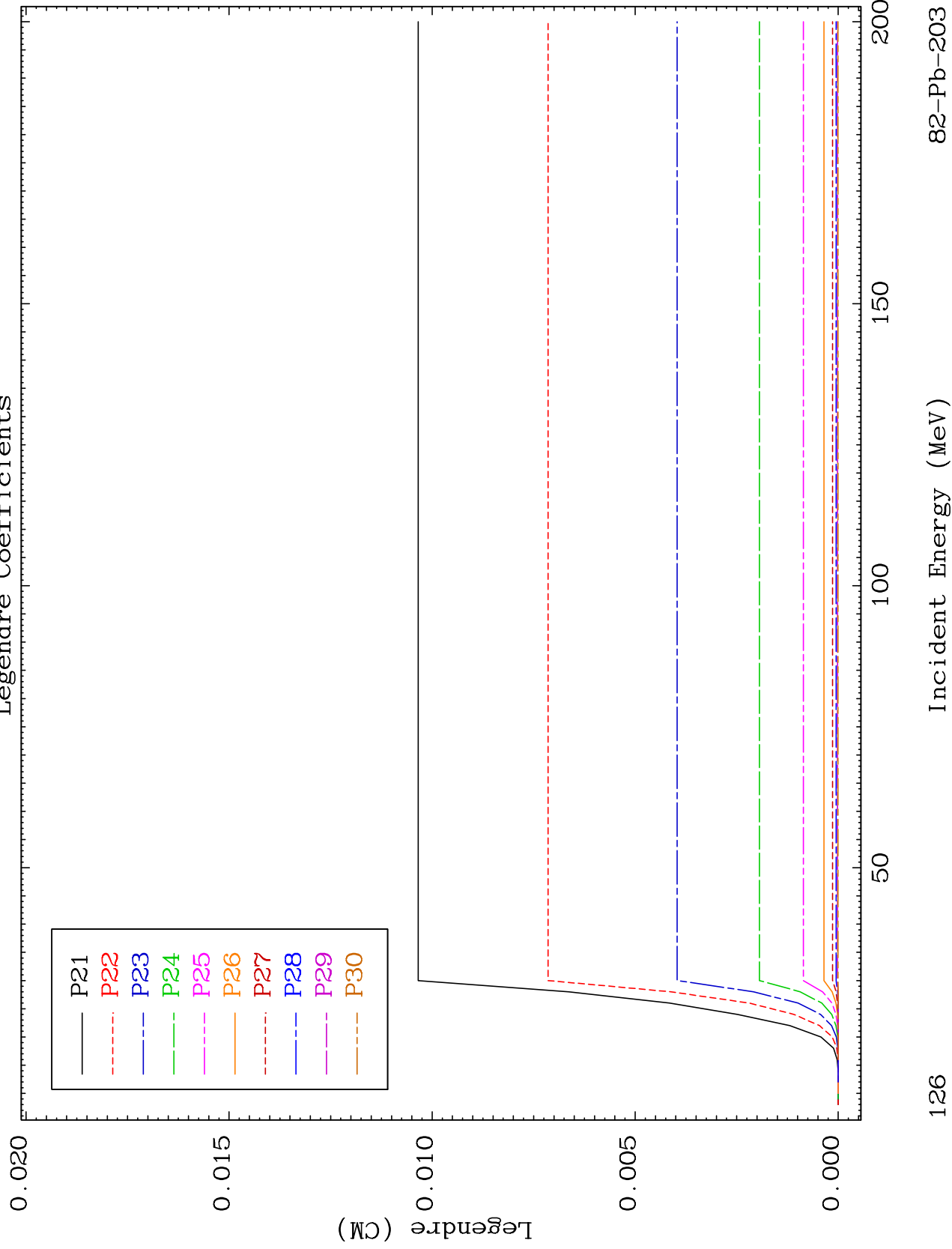
Incident Energy (MeV)

125

MAT 82222

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

82-Pb-203



126

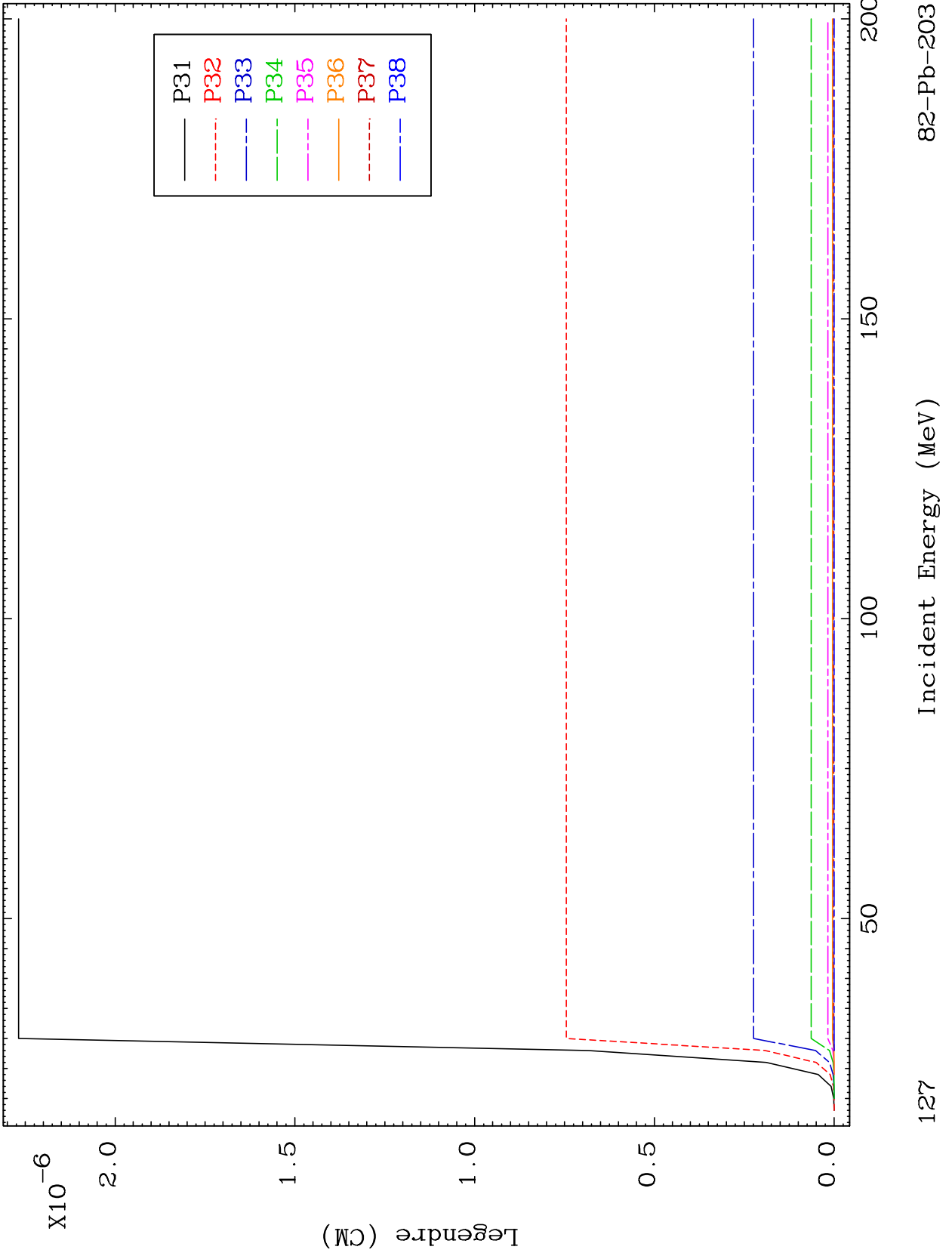
Incident Energy (MeV)

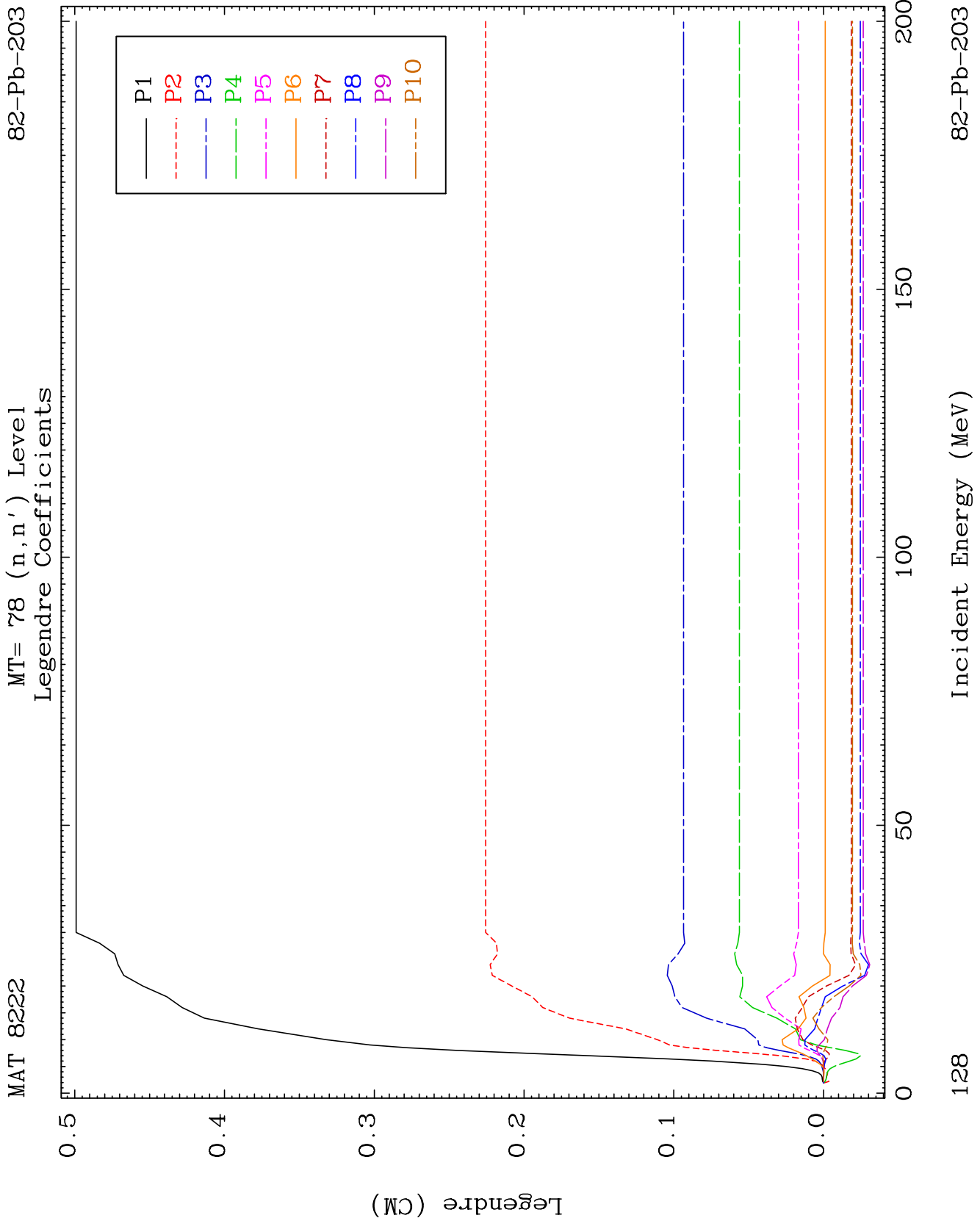
82-Pb-203

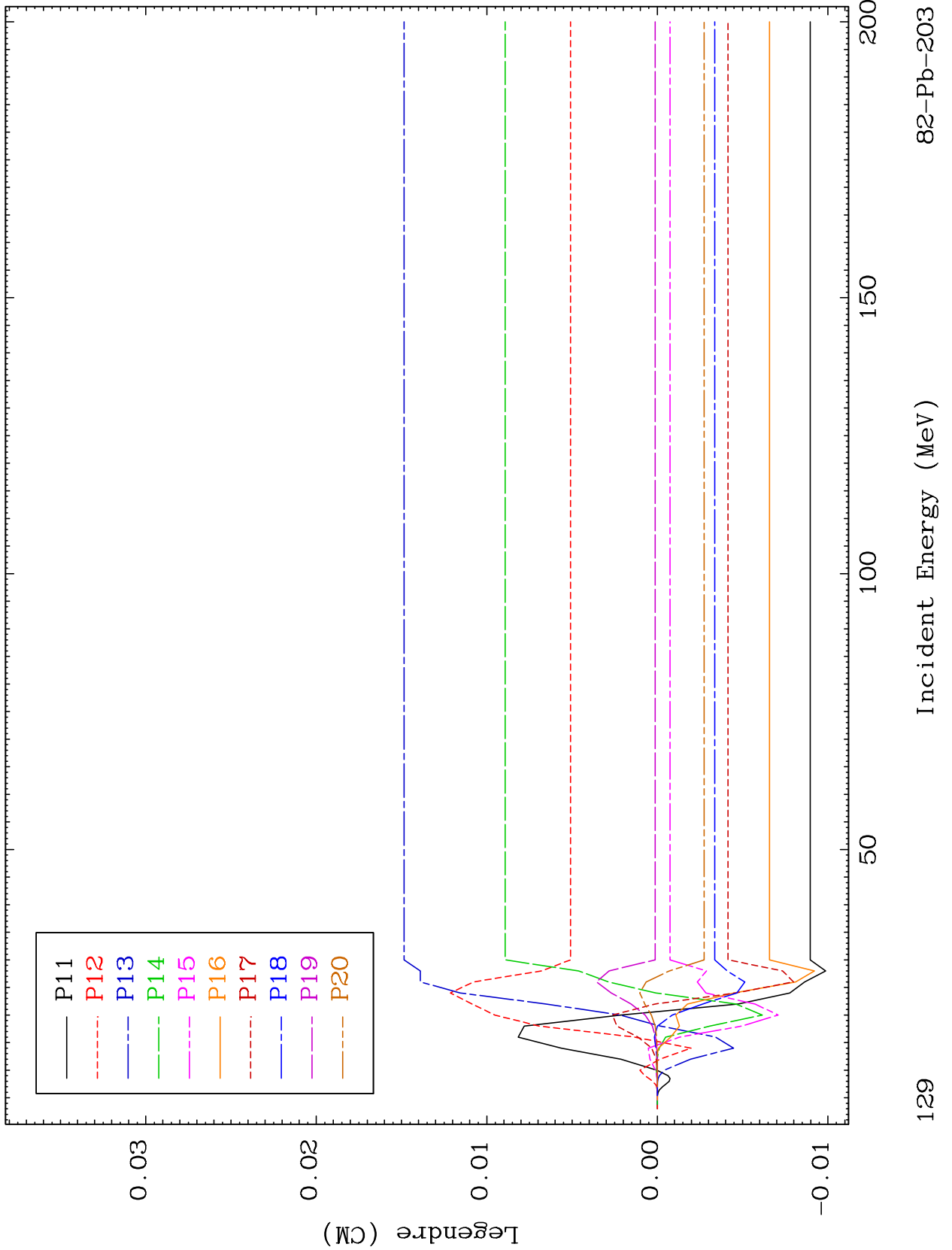
MAT 8222

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

82-Pb-203



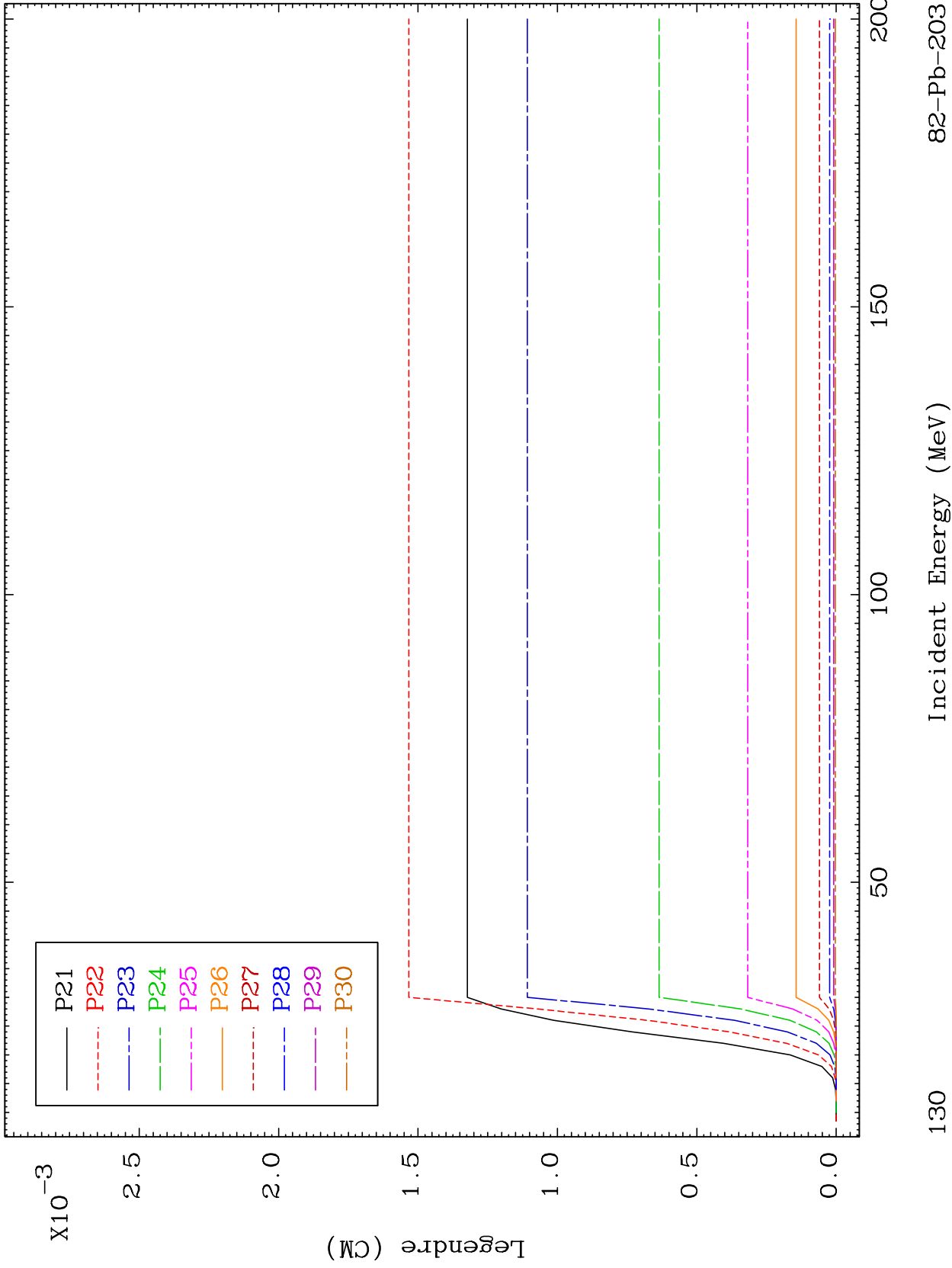




MAT 82222

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

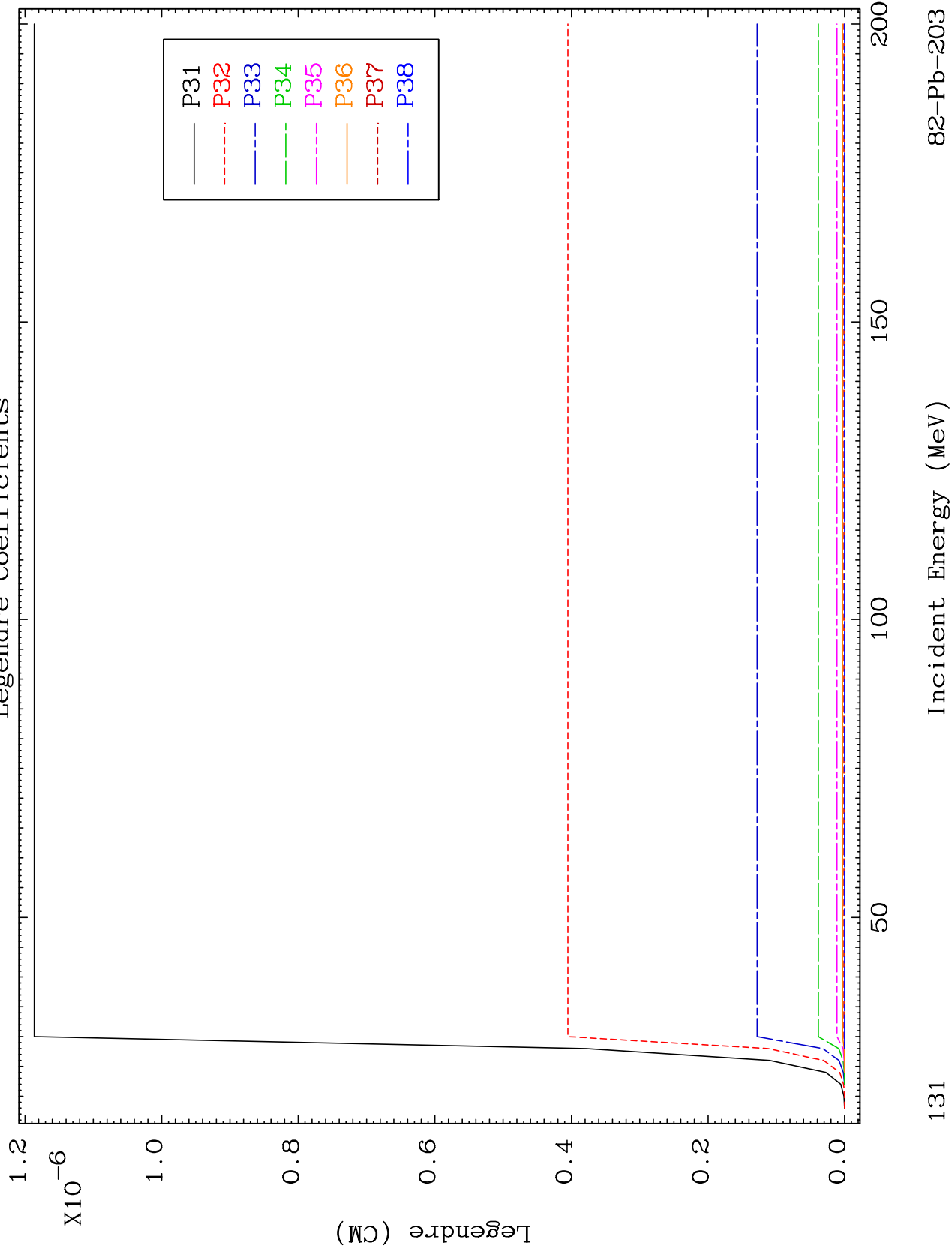
82-Pb-203



MAT 82222

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

82-Pb-203



131

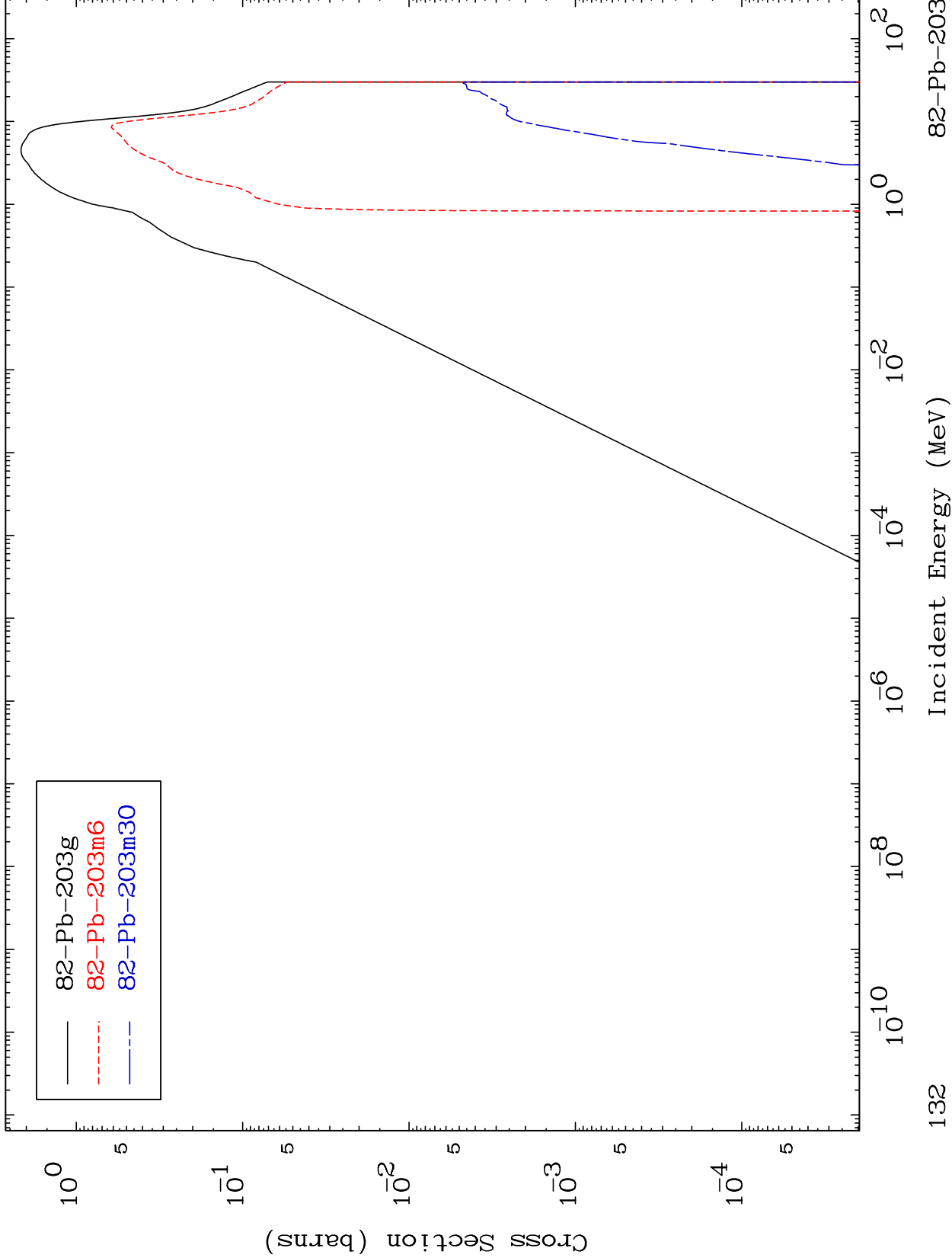
Incident Energy (MeV)

82-Pb-203

MAT 8222

Inelastic Radionuclide Production Cross Section

82-Pb-203

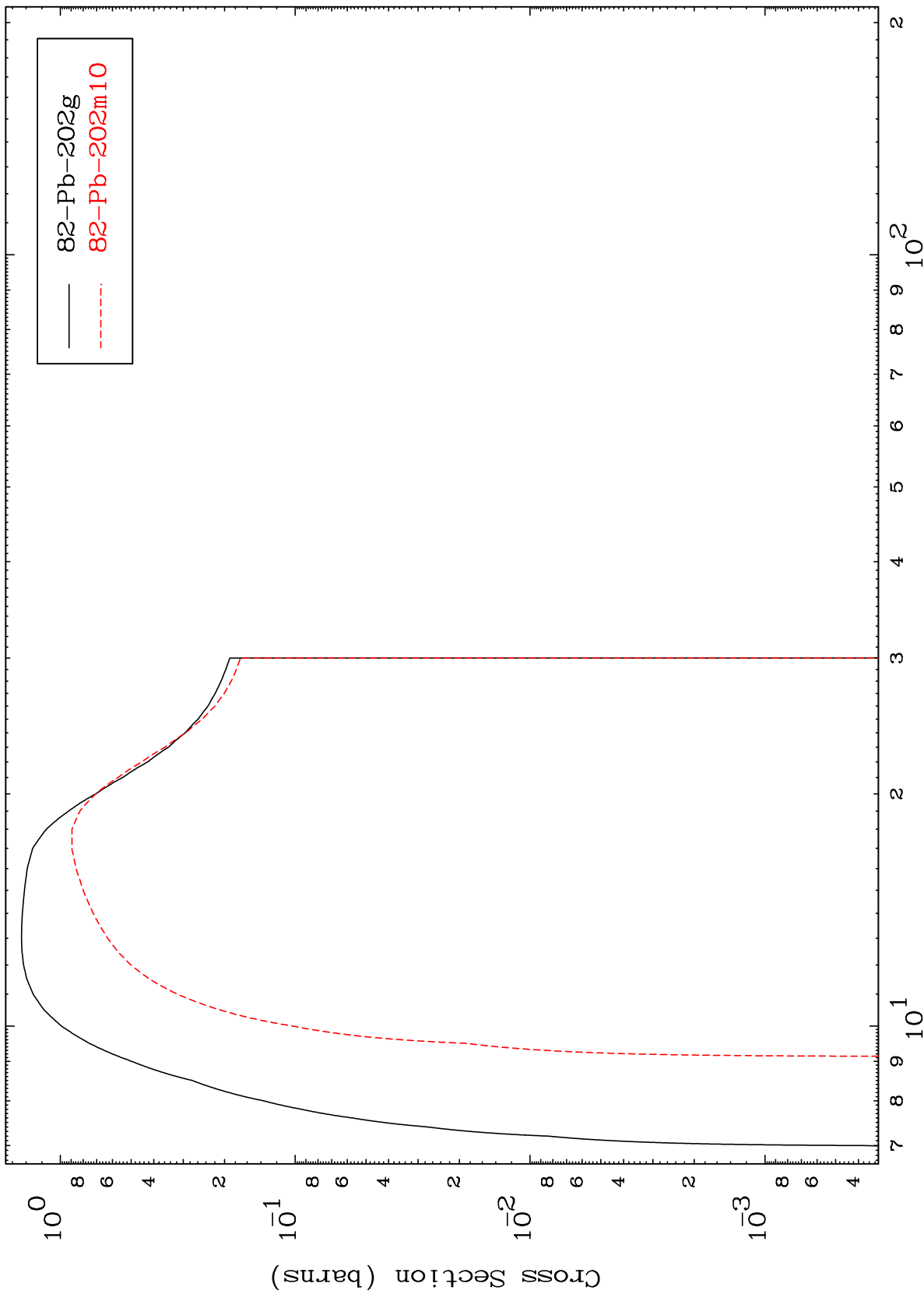


82-Pb-203g
82-Pb-203m6
82-Pb-203m30

MAT 8222

82-Pb-203

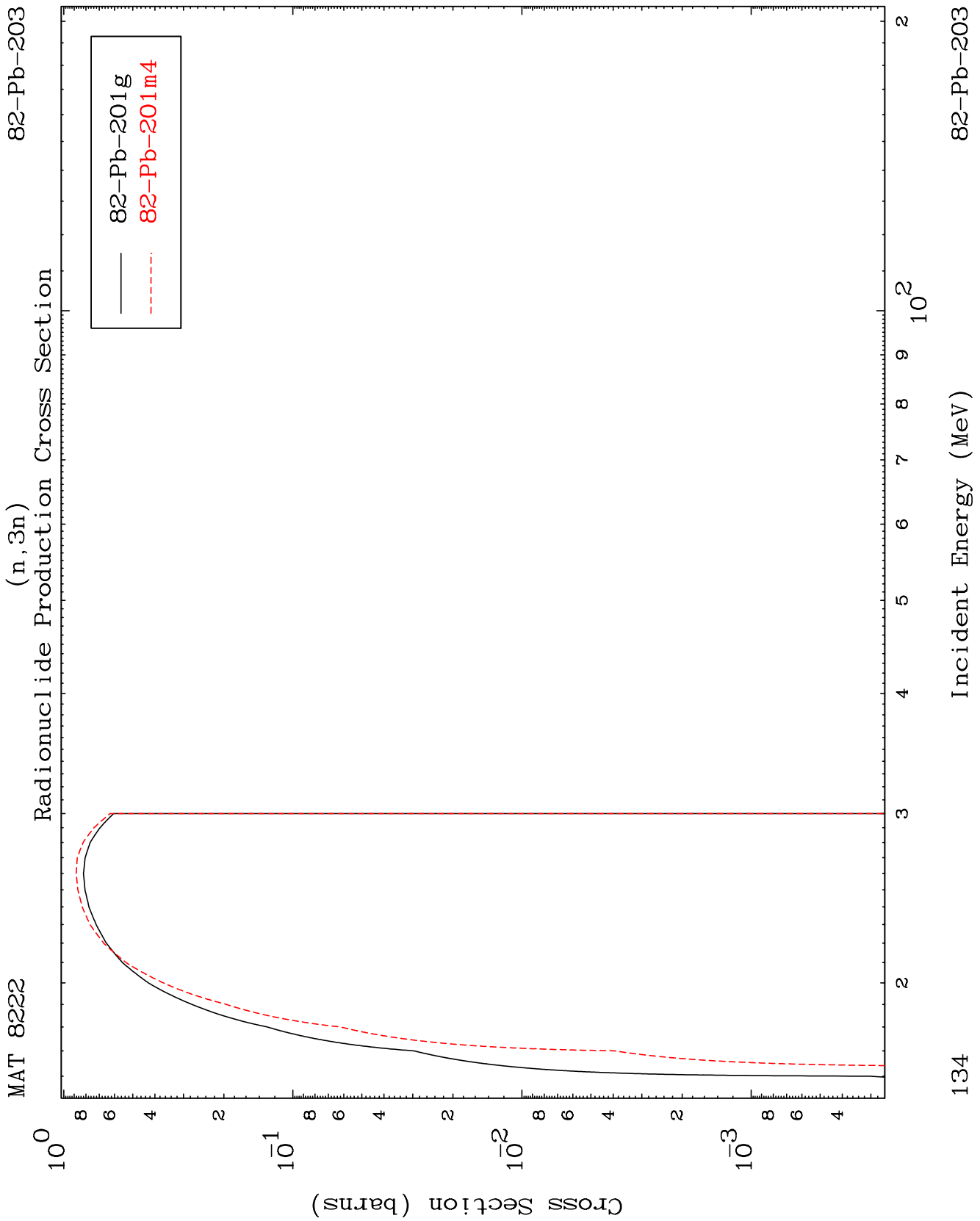
(n,2n)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

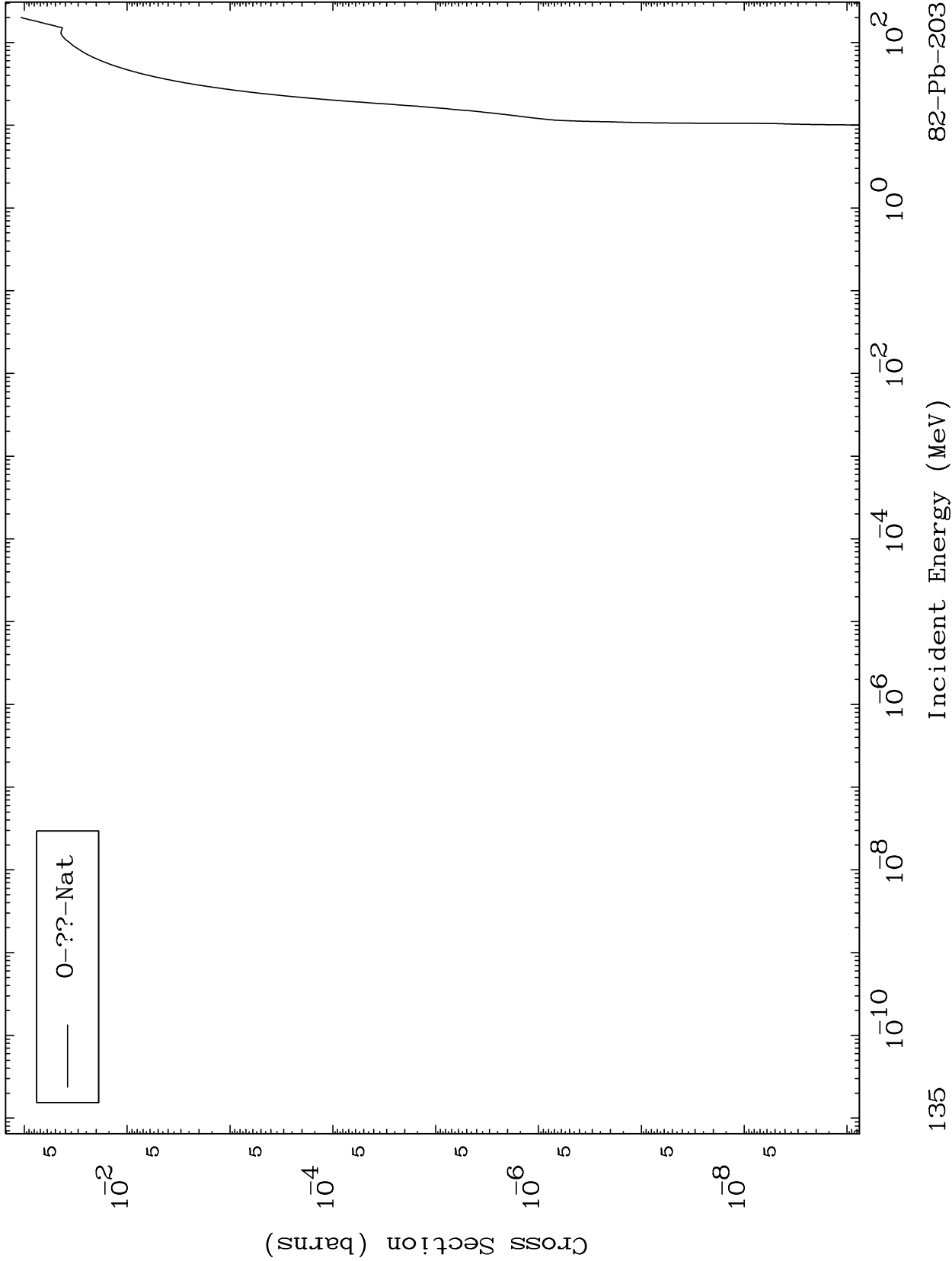
82-Pb-203



MAT 8222

Fission
Radionuclide Production Cross Section

82-Pb-203

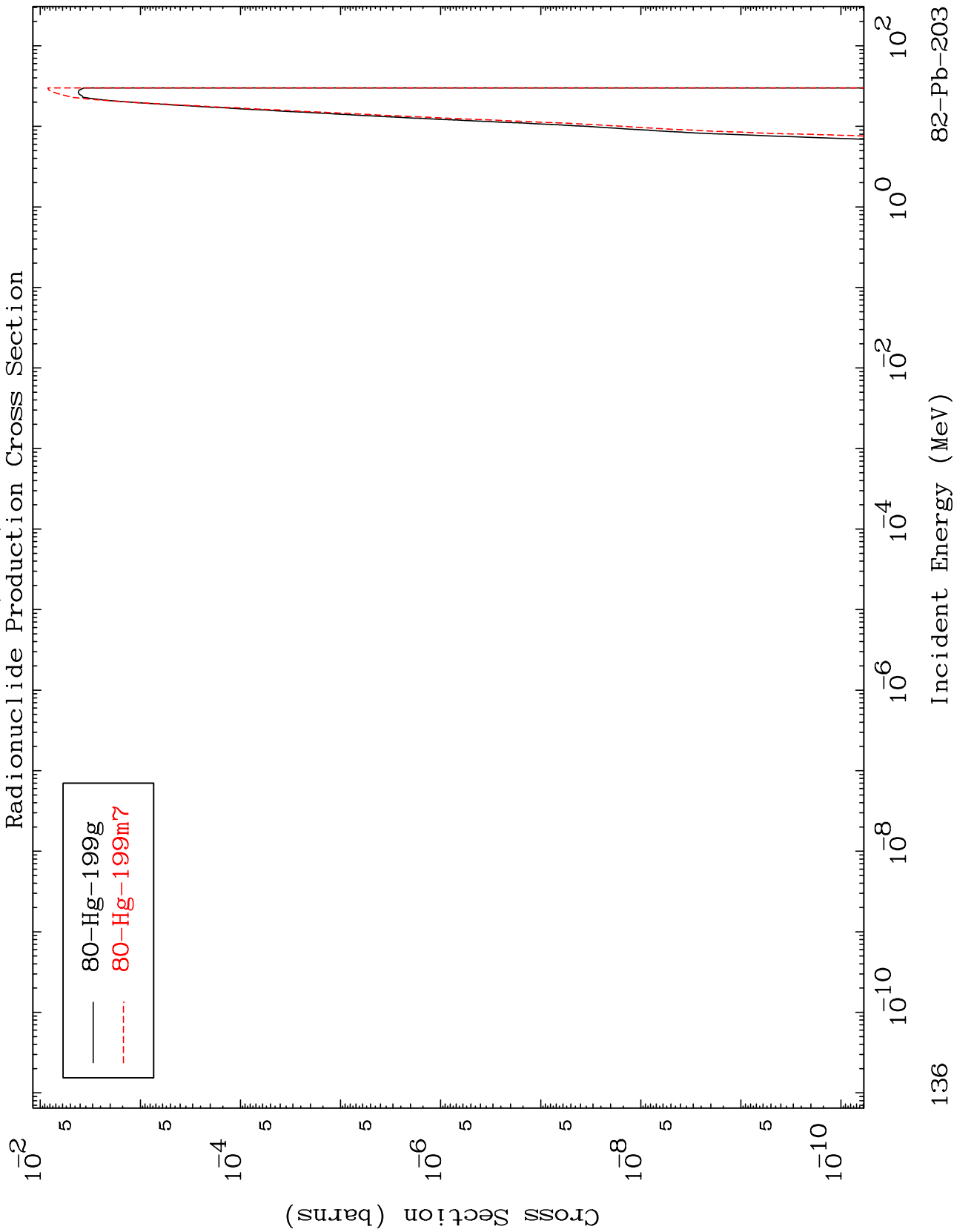


82-Pb-203

MAT 8222

$(n, n') \alpha$

82-Pb-203

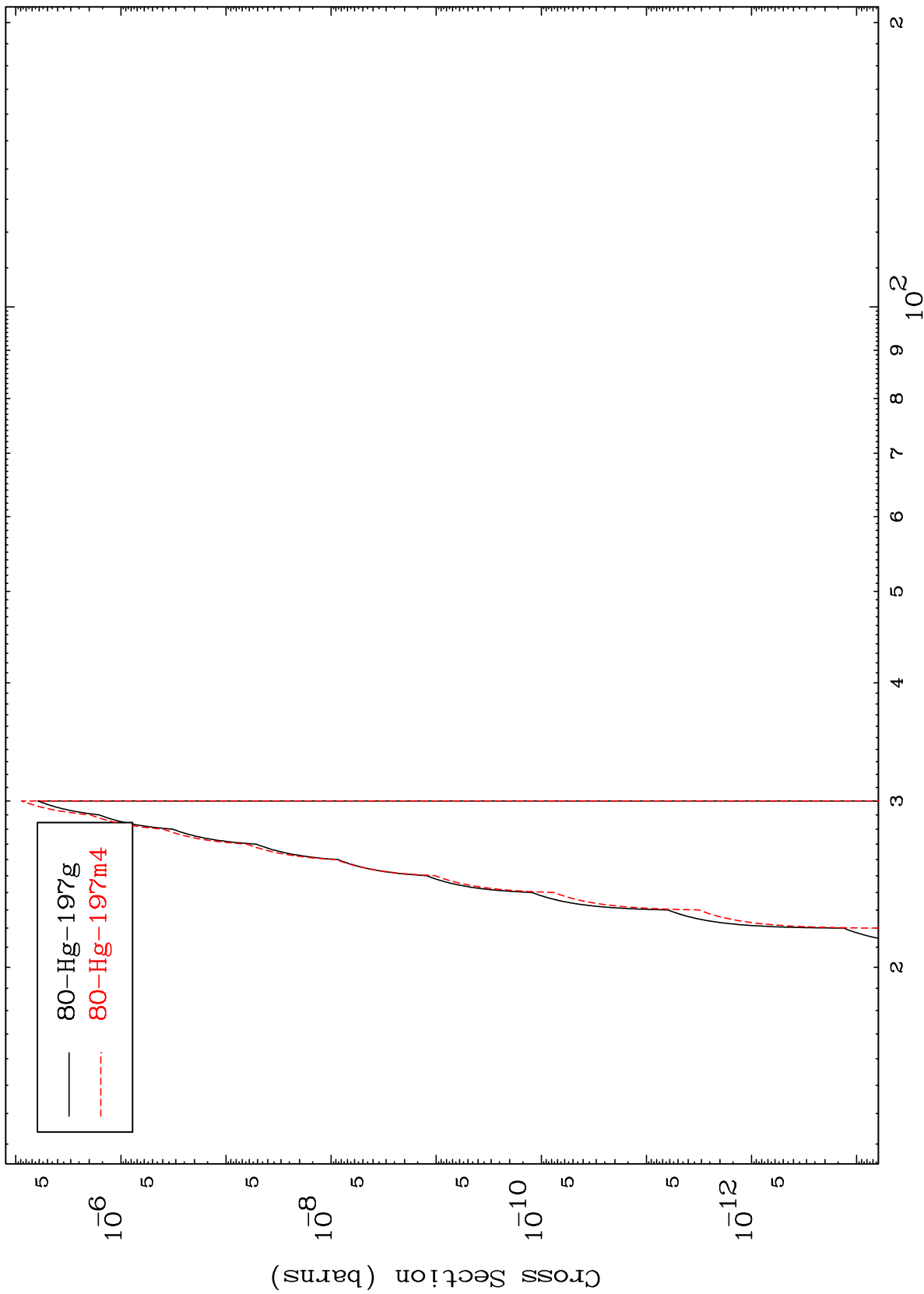


MAT 82222

(n,3n) α

82-Pb-203

Radionuclide Production Cross Section

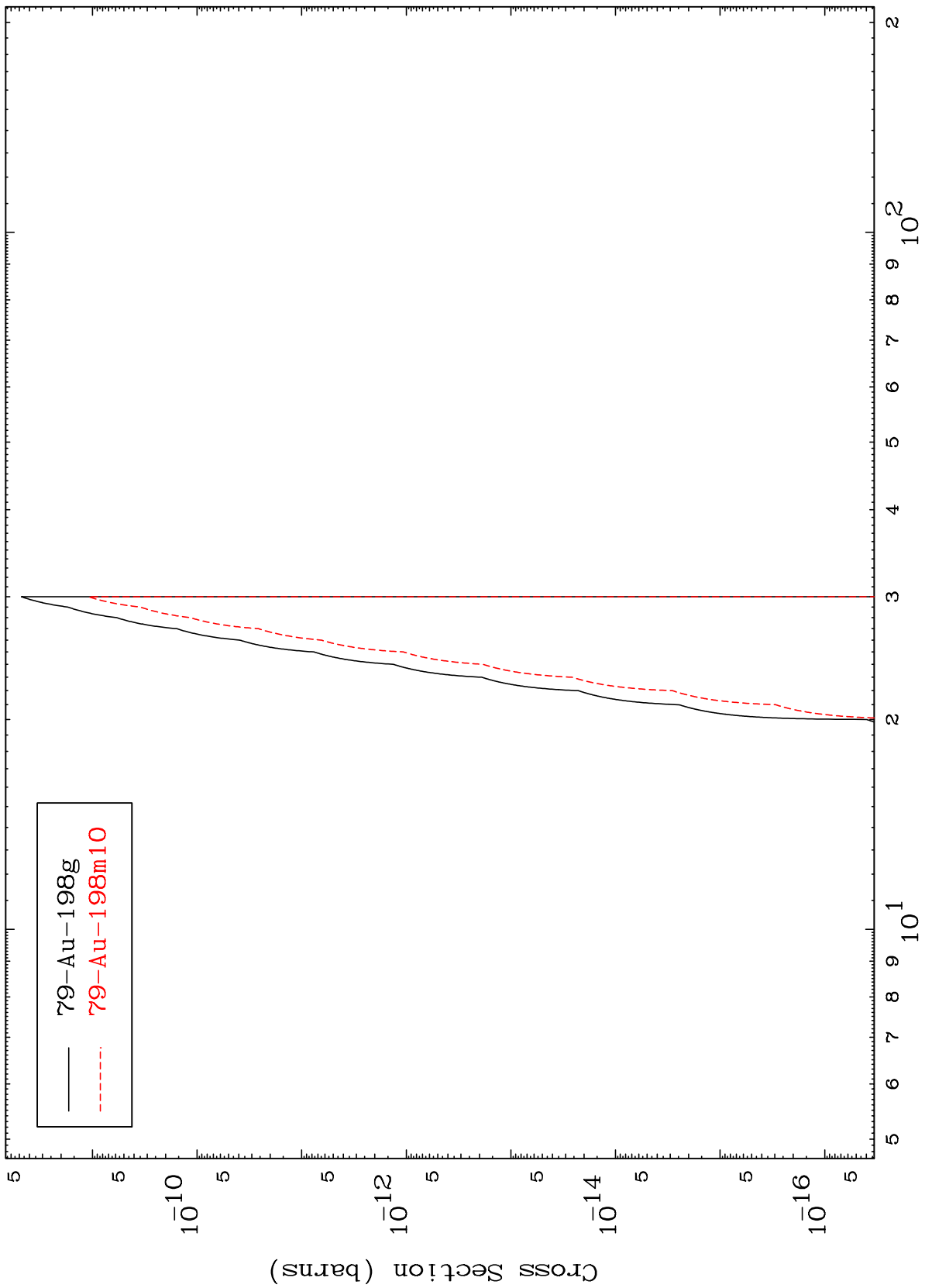


137

Incident Energy (MeV)

82-Pb-203

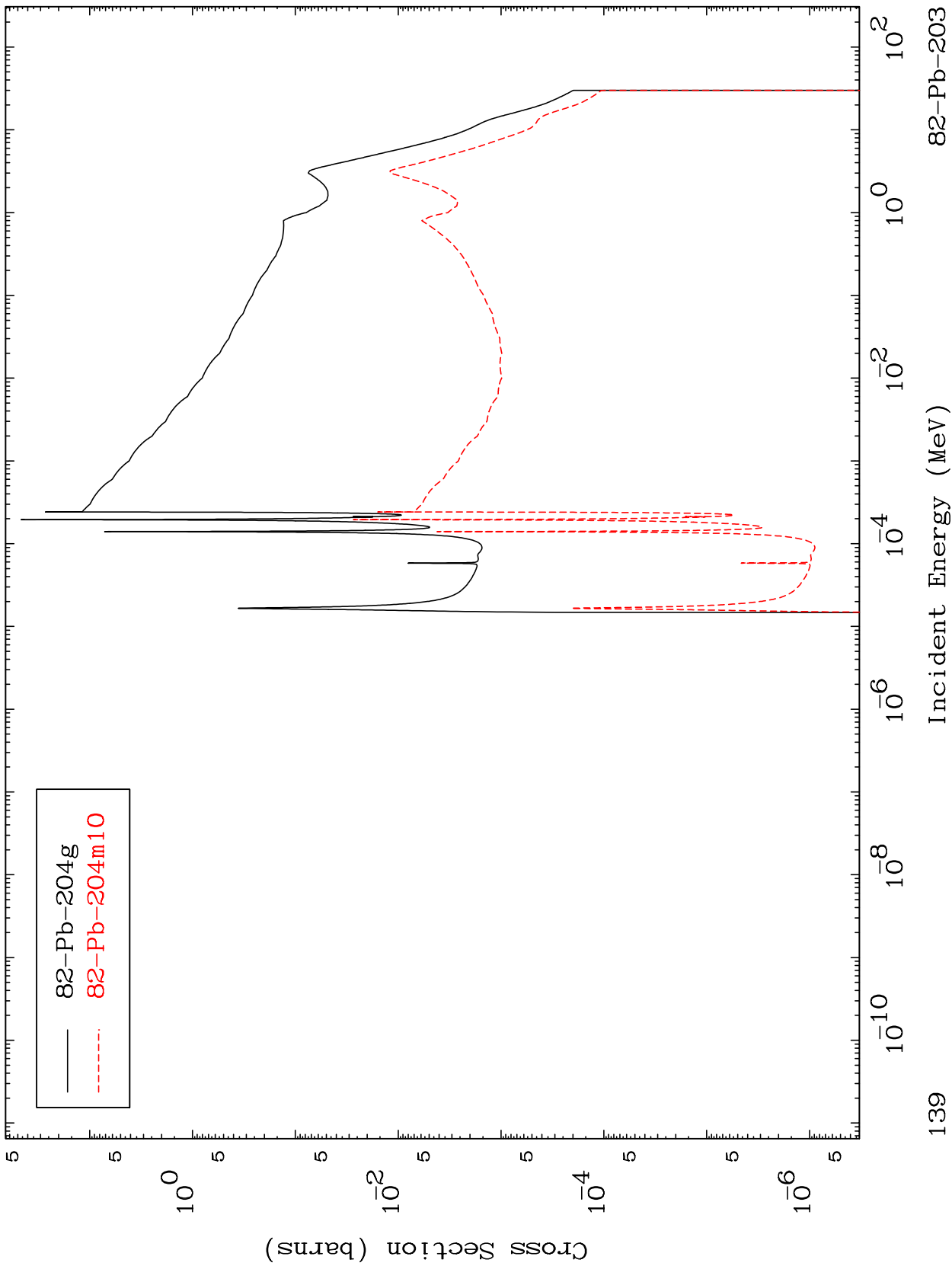
Radionuclide Production Cross Section



MAT 8222

82-Pb-203

(n, γ)
Radionuclide Production Cross Section



139

82-Pb-203