

Program EVALPLOT
(Version 2021-1)

by

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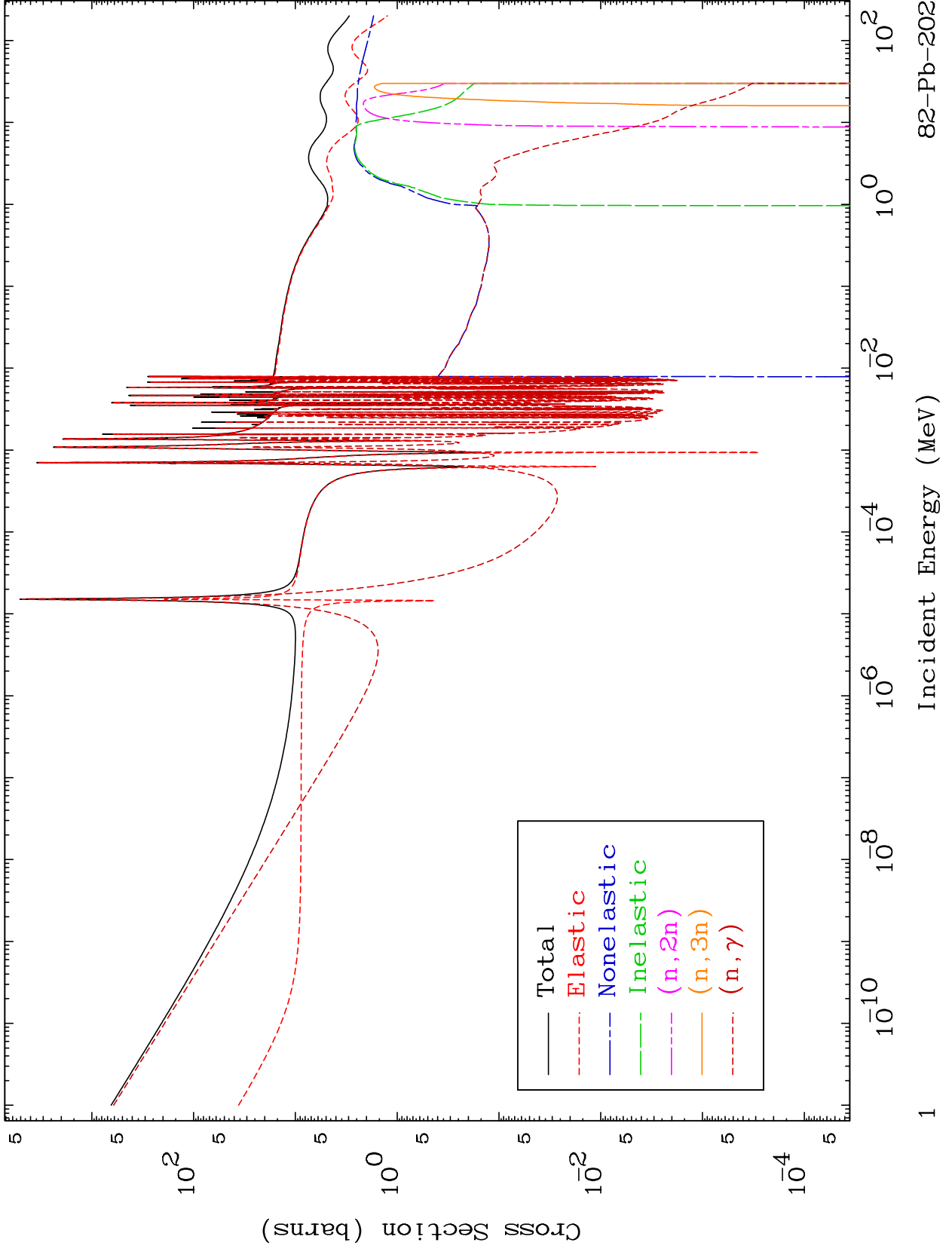
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8219

Neutron Major
293 Kelvin Cross Sections

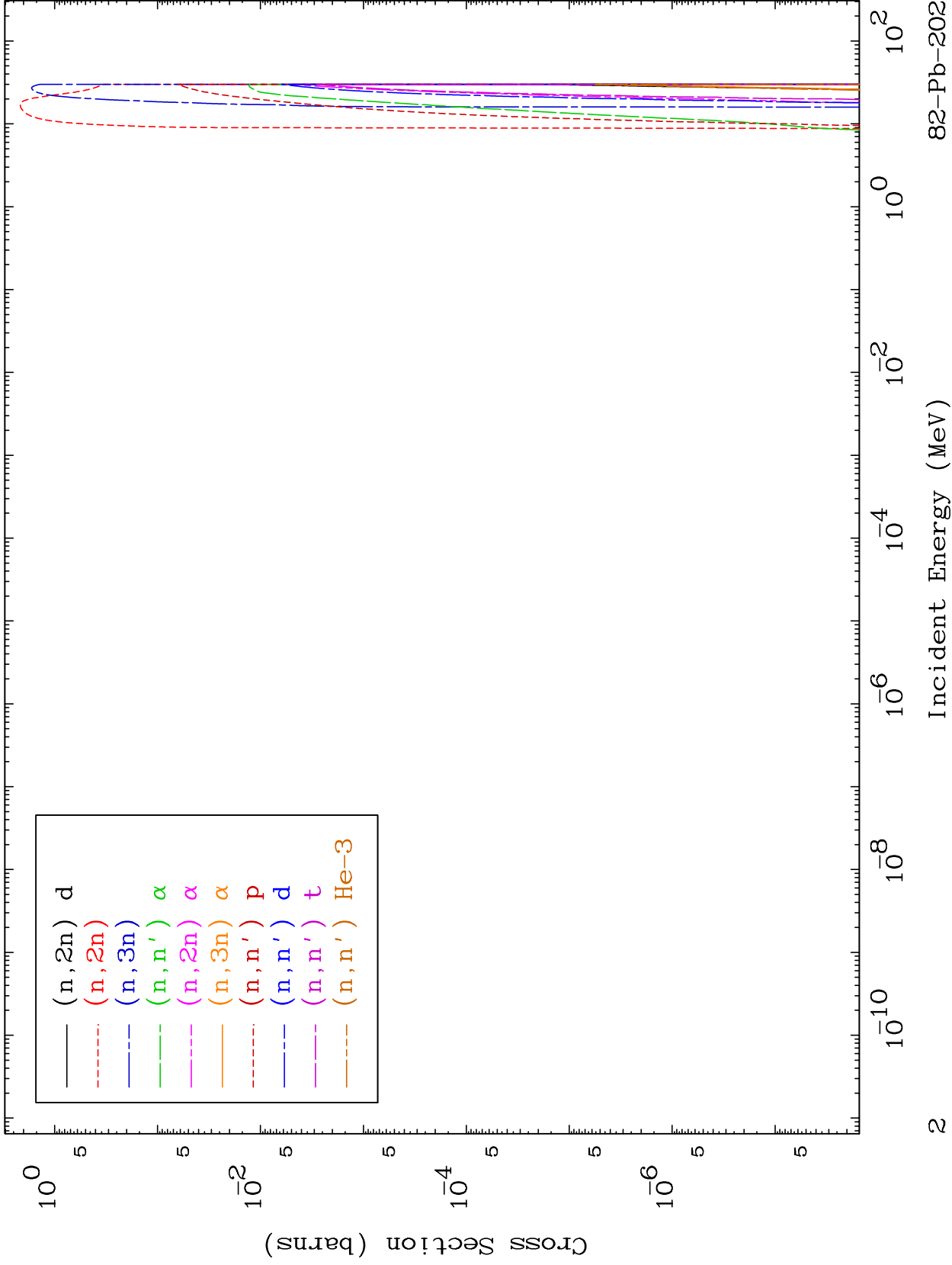
82-Pb-202



MAT 8219

Neutron Absorption
293 Kelvin Cross Sections

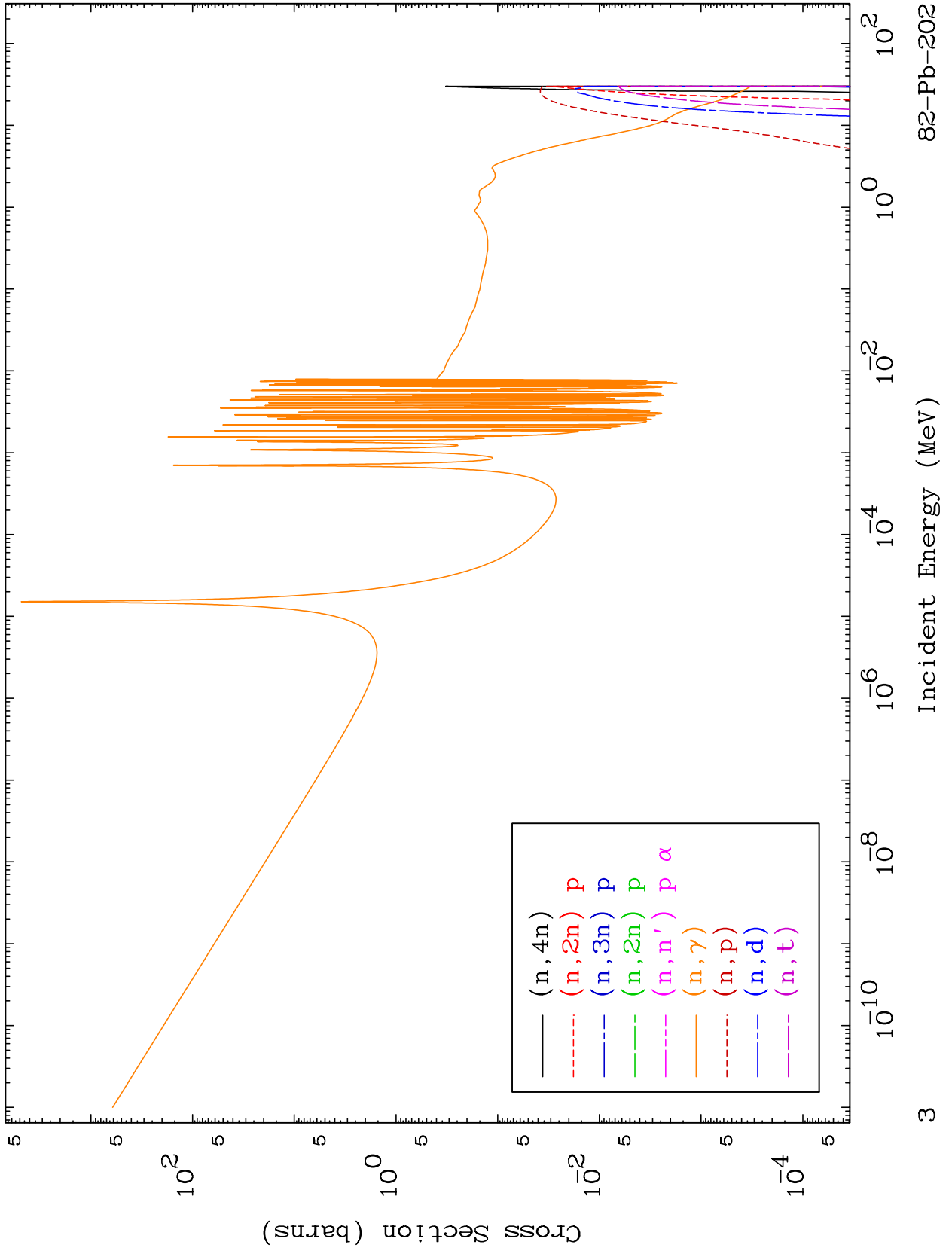
82-Pb-202



MAT 8219

Neutron Absorption
293 Kelvin Cross Sections

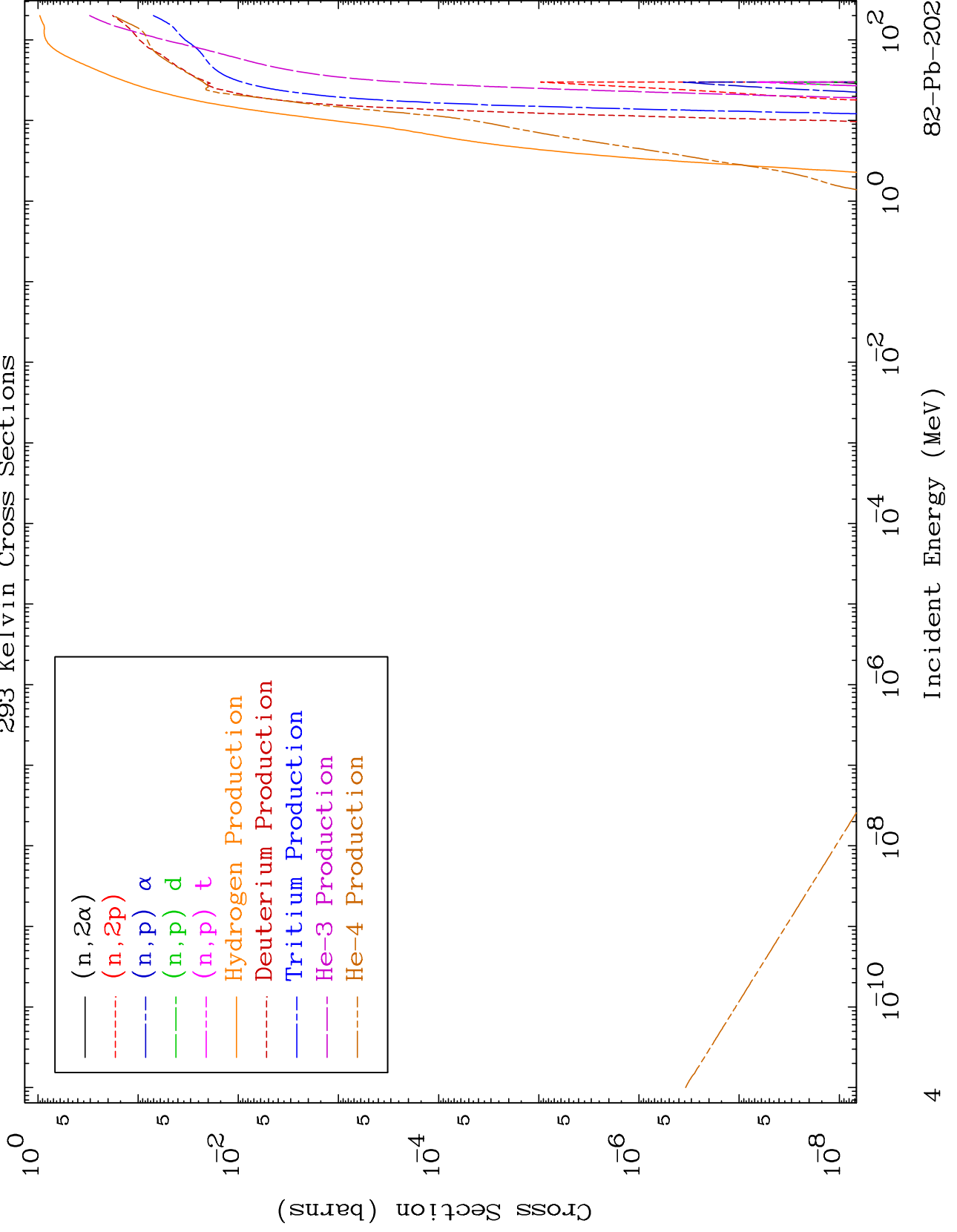
82-Pb-202



MAT 8219

Neutron Absorption
293 Kelvin Cross Sections

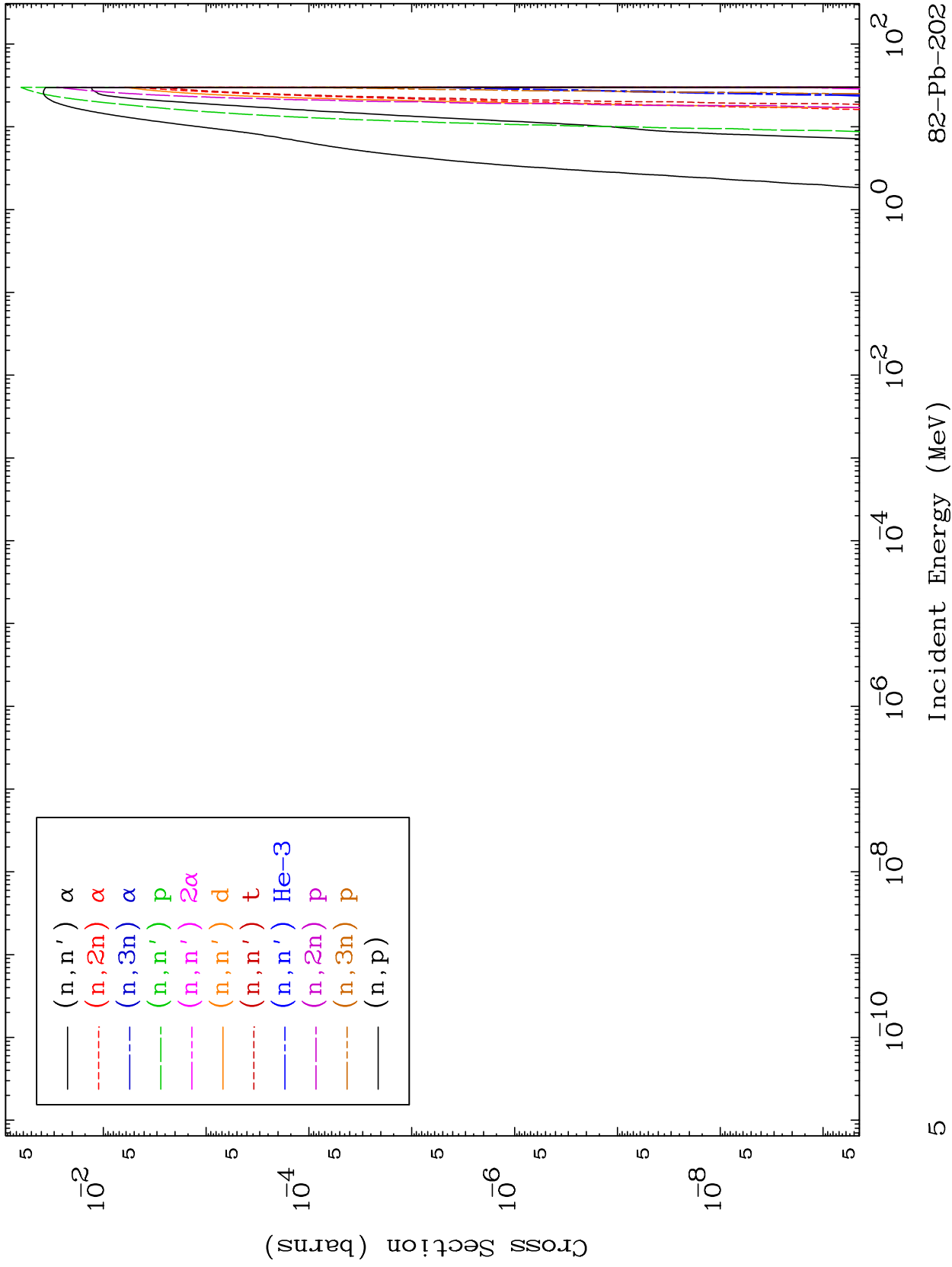
82-Pb-202



MAT 8219

Charged Particle
293 Kelvin Cross Sections

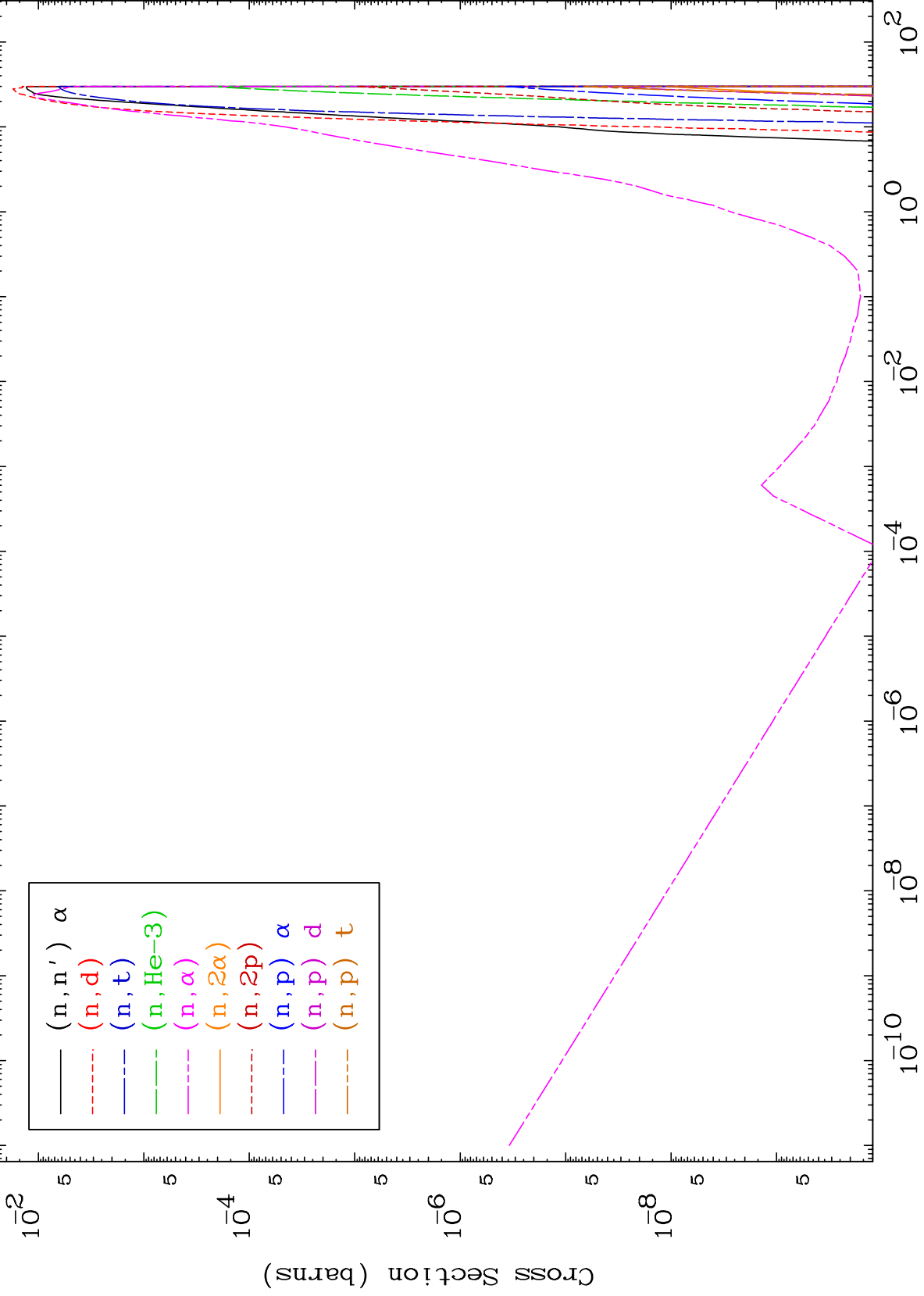
82-Pb-202



MAT 8219

Charged Particle
293 Kelvin Cross Sections

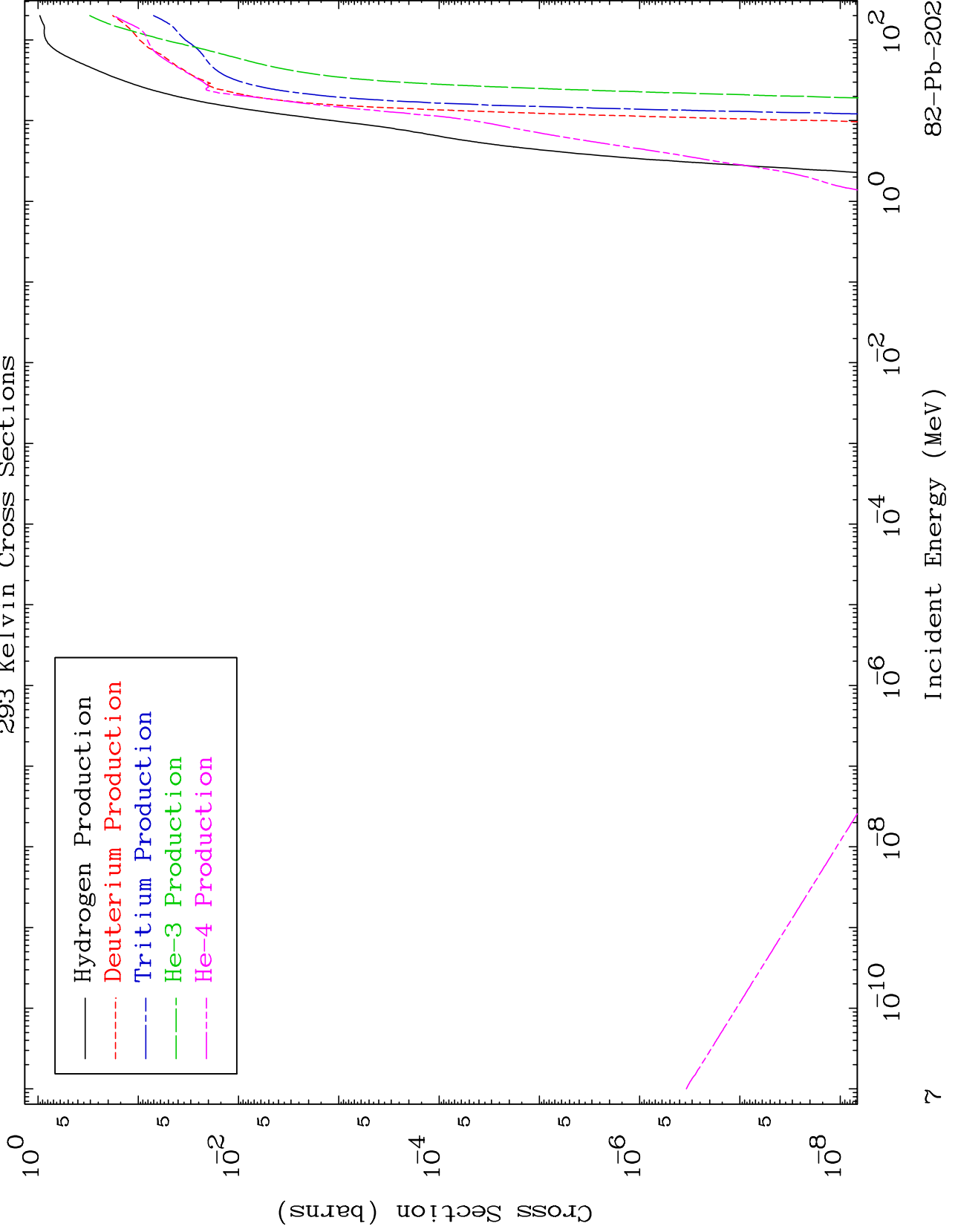
82-Pb-202



MAT 8219

Particle Production
293 Kelvin Cross Sections

82-Pb-202

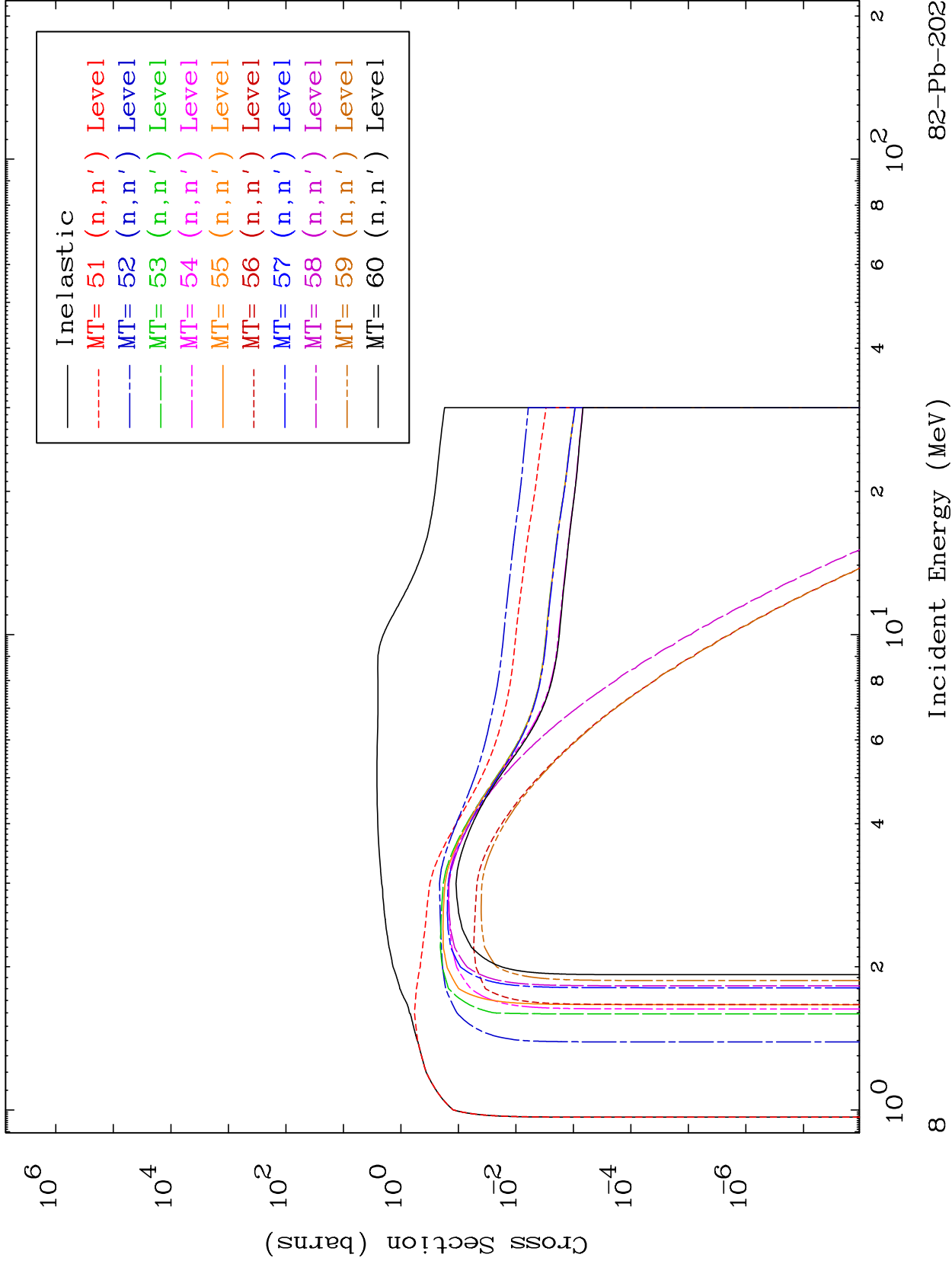


MAT 8219

(n,n') Levels

82-Pb-202

293 Kelvin Cross Sections



Incident Energy (MeV)

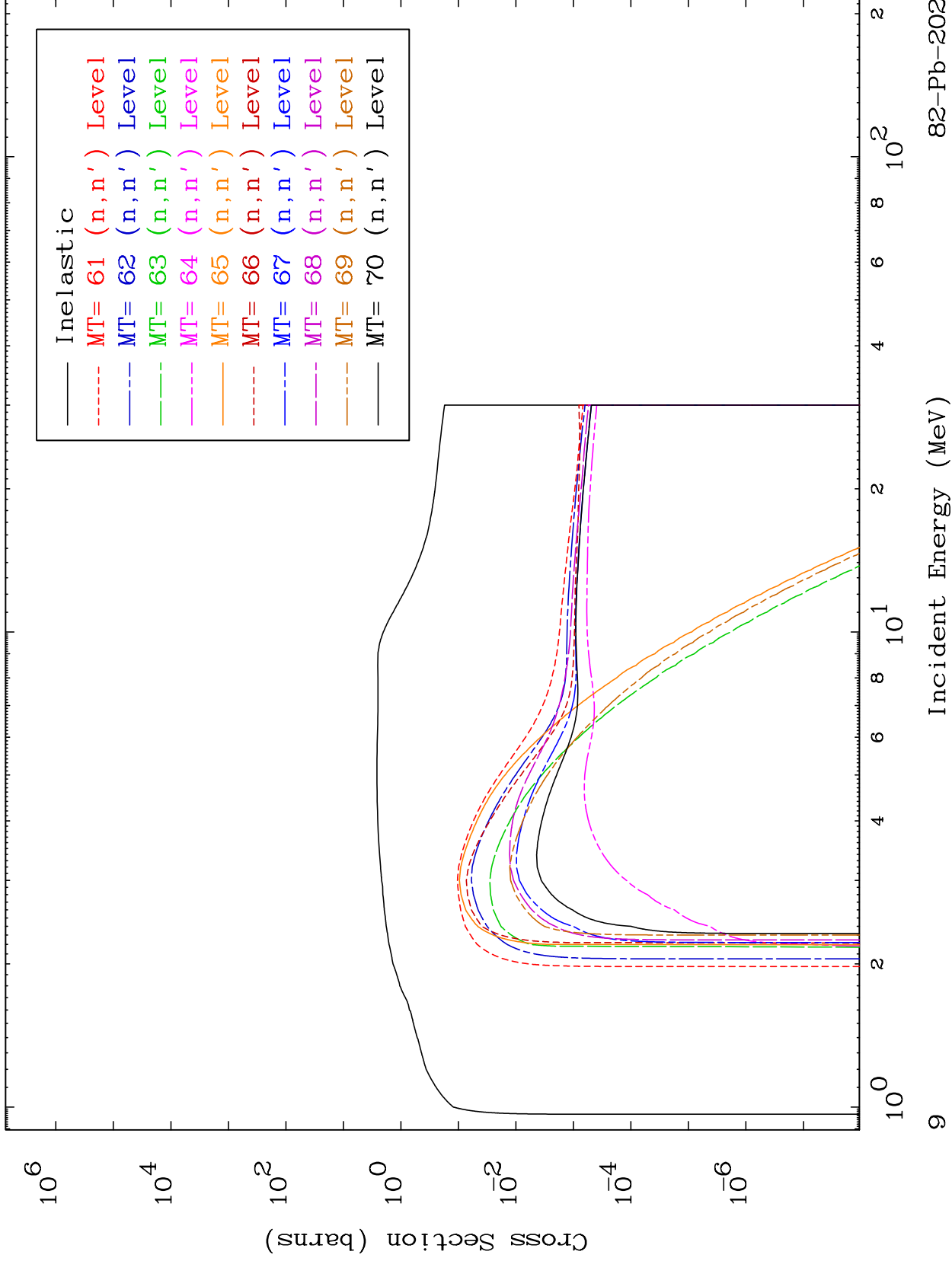
82-Pb-202

MAT 8219

(n,n') Levels

82-Pb-202

293 Kelvin Cross Sections



Incident Energy (MeV)

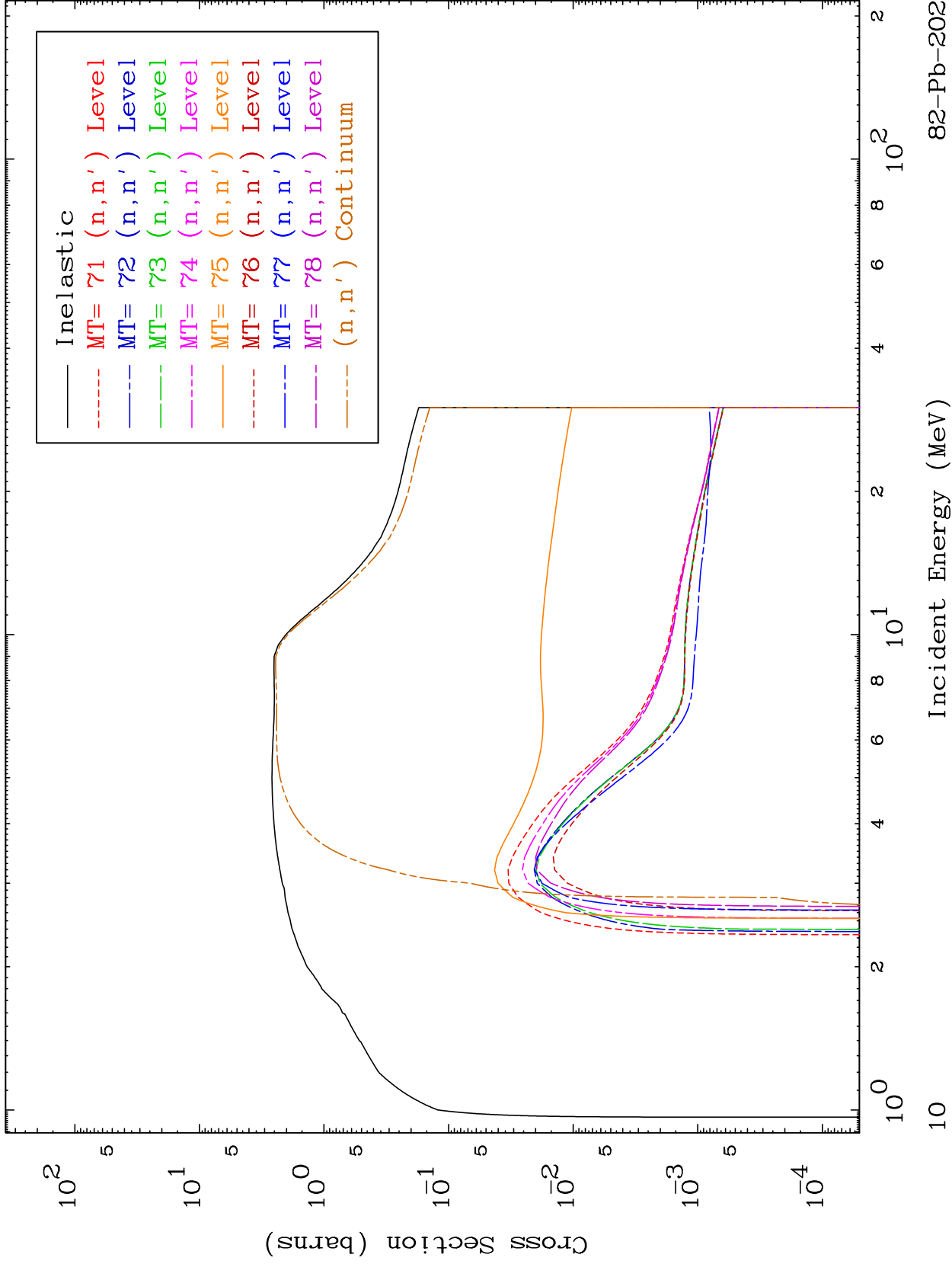
82-Pb-202

MAT 8219

(n,n') Levels

82-Pb-202

293 Kelvin Cross Sections



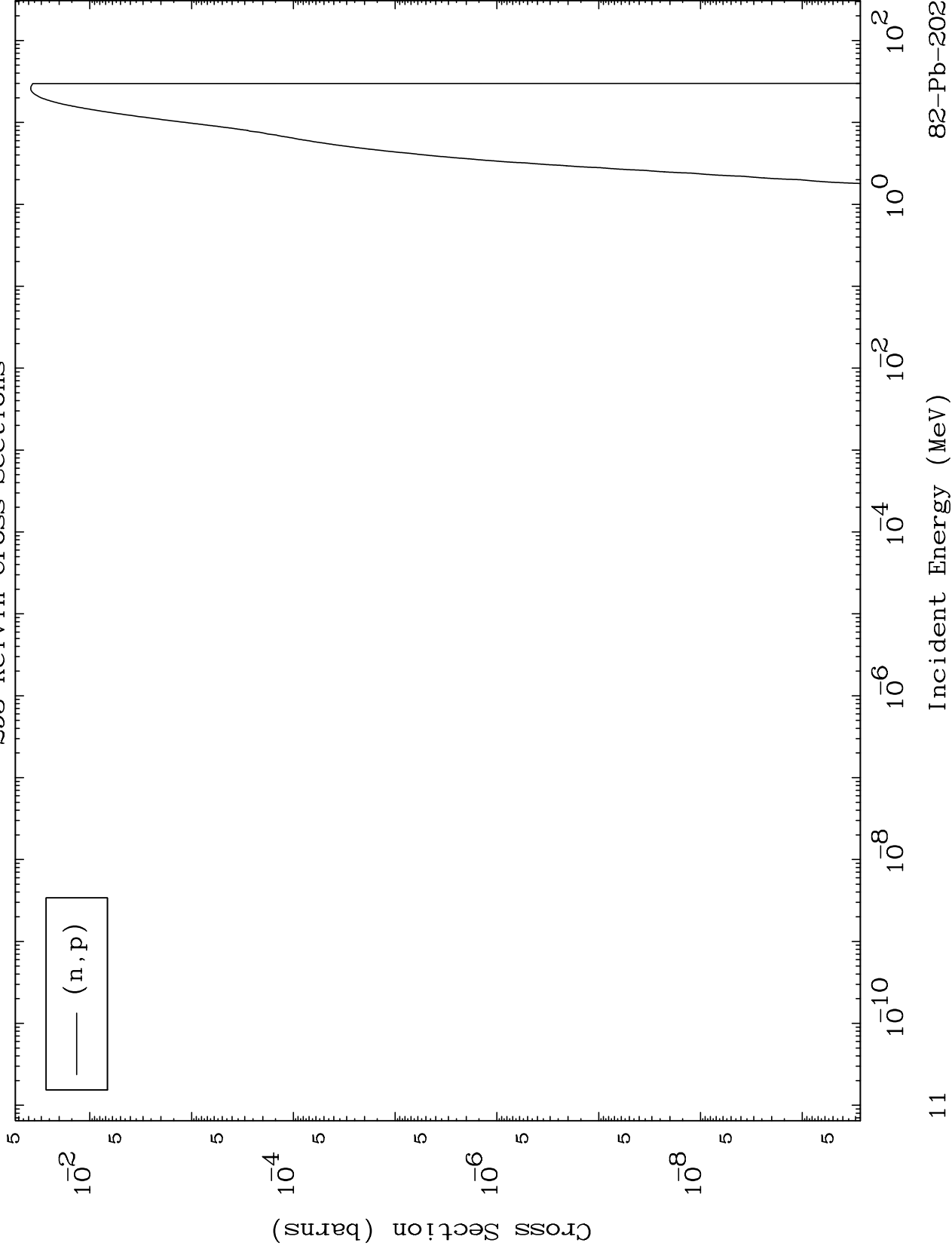
Incident Energy (MeV)

82-Pb-202

MAT 8219

(n,p) Levels
293 Kelvin Cross Sections

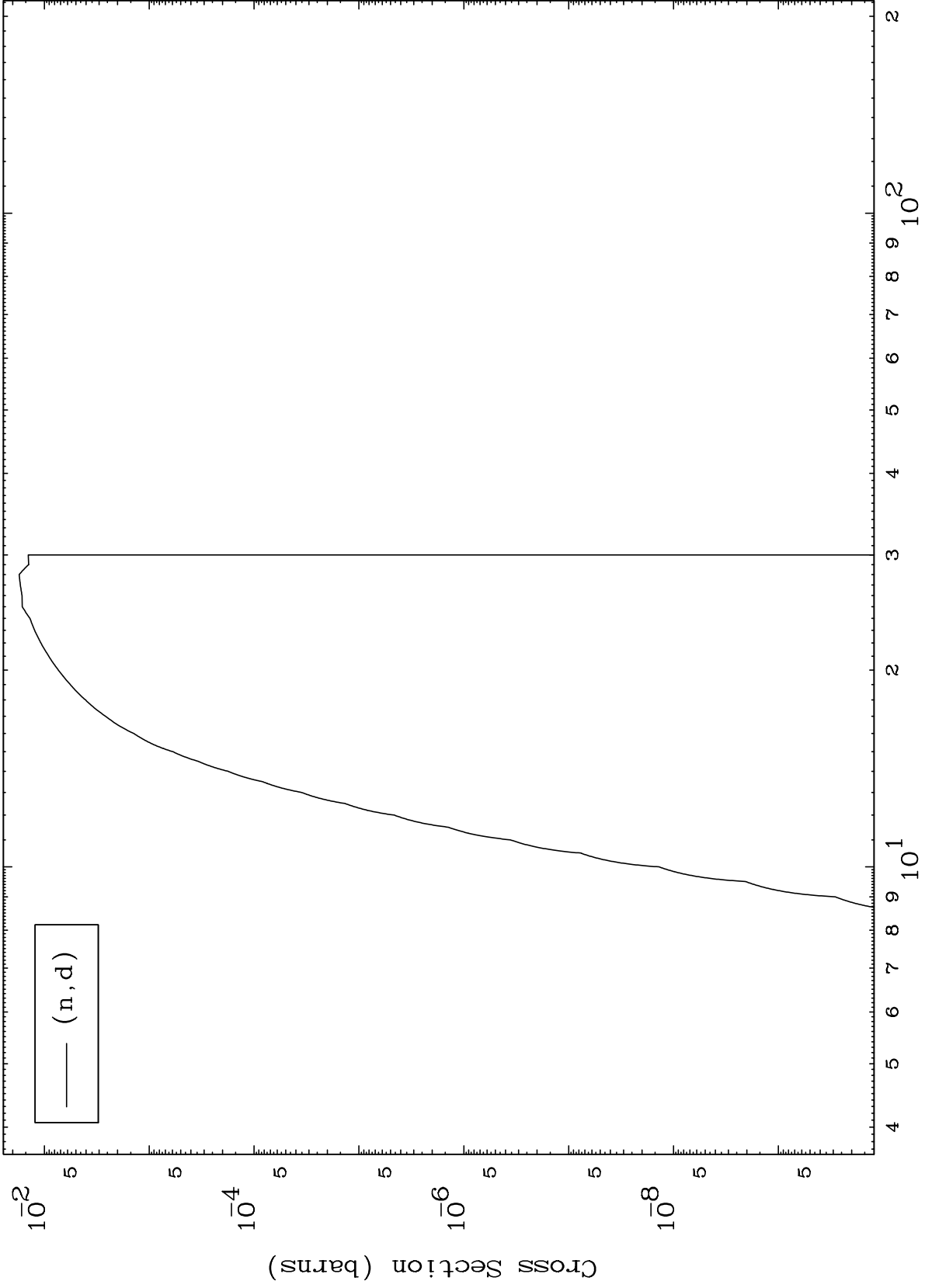
82-Pb-202



MAT 8219

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-202



12

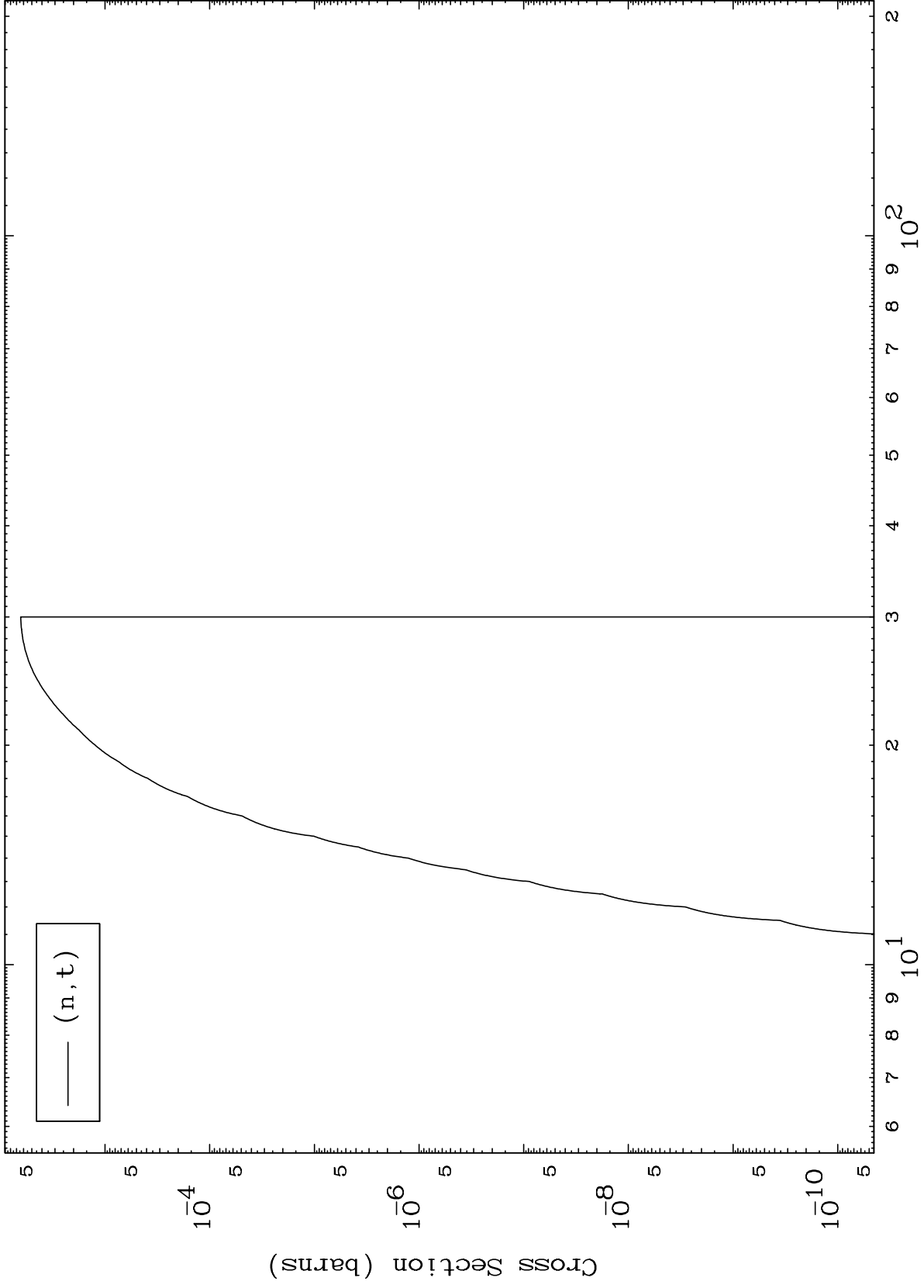
Incident Energy (MeV)

82-Pb-202

MAT 8219

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-202



13

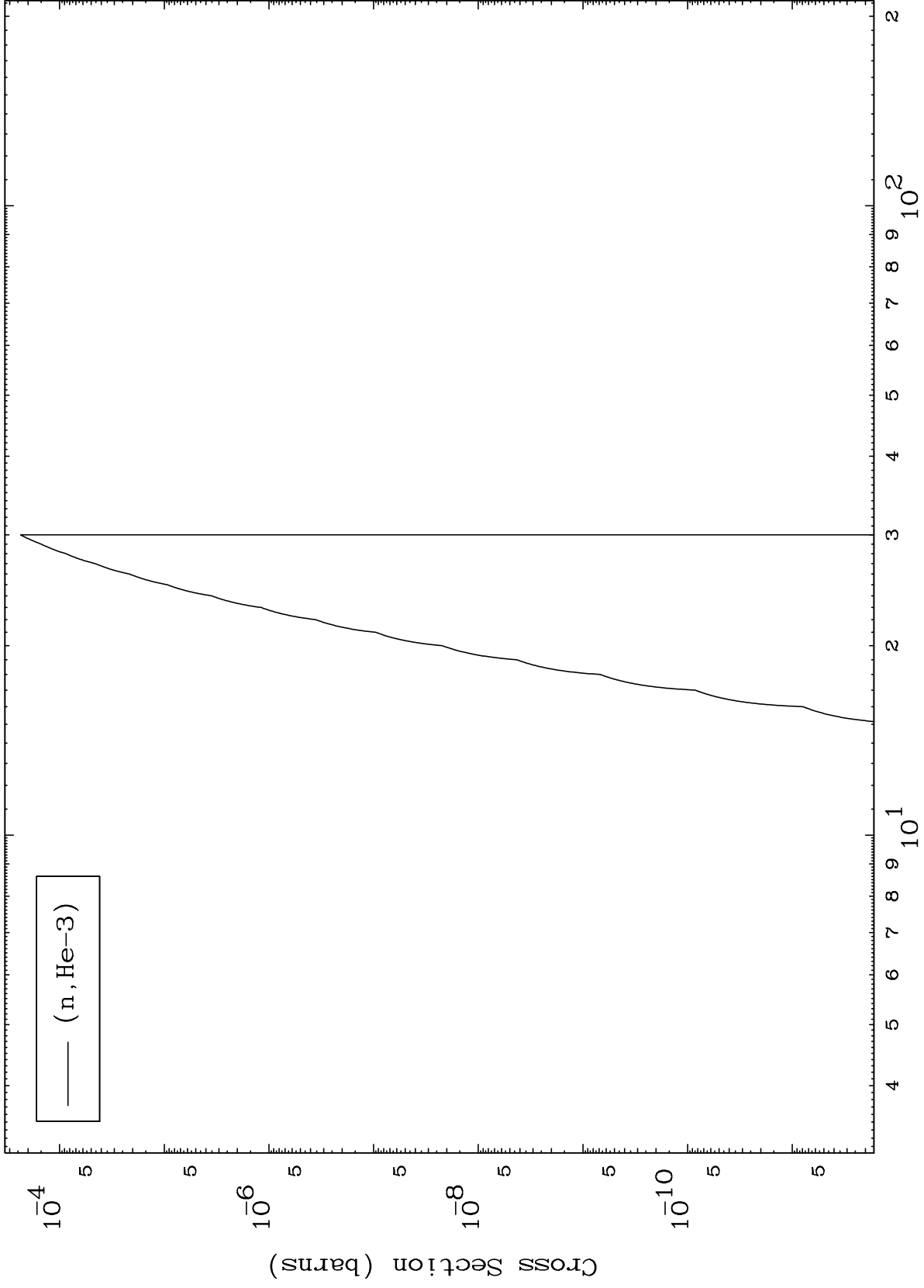
Incident Energy (MeV)

82-Pb-202

MAT 8219

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-202



14

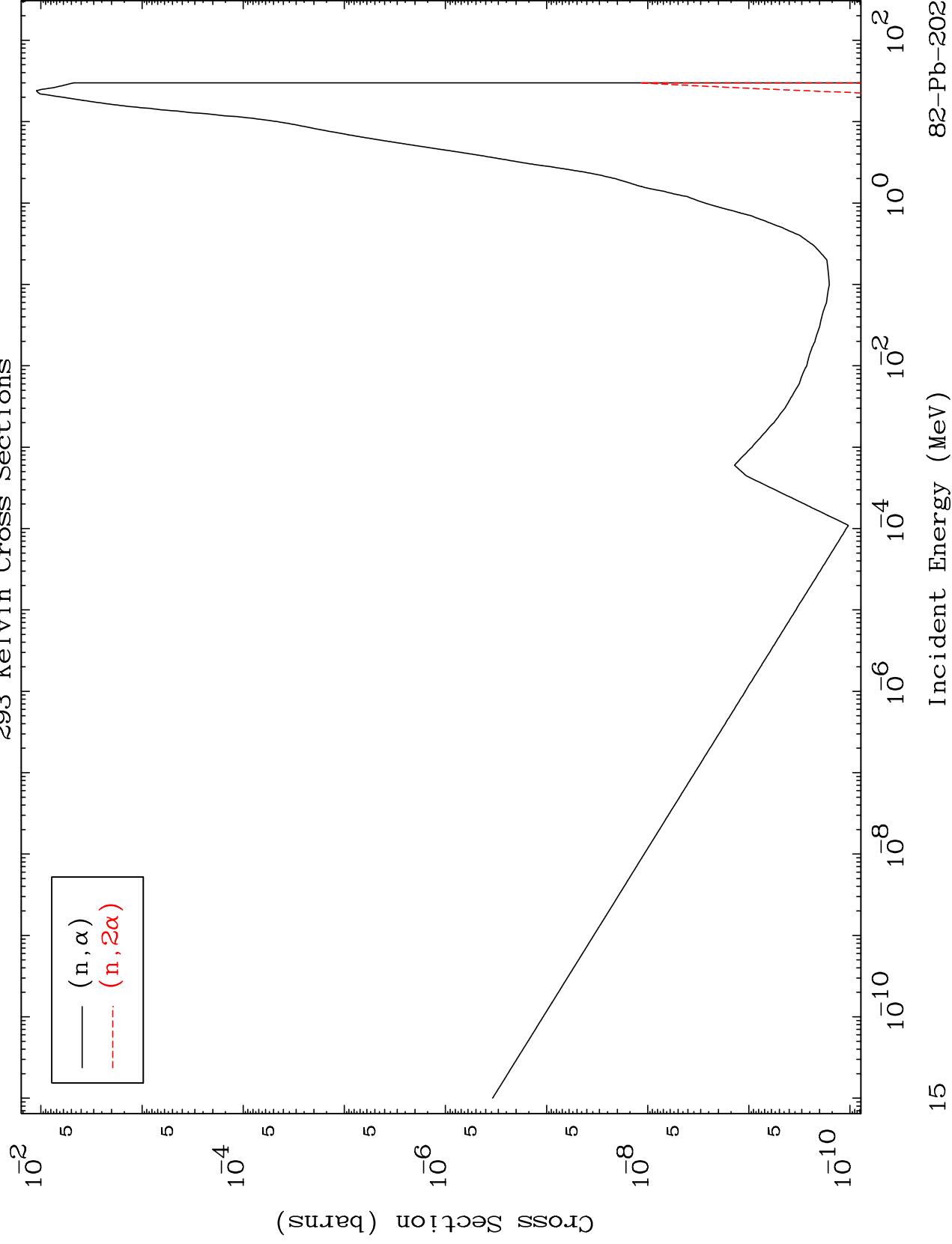
Incident Energy (MeV)

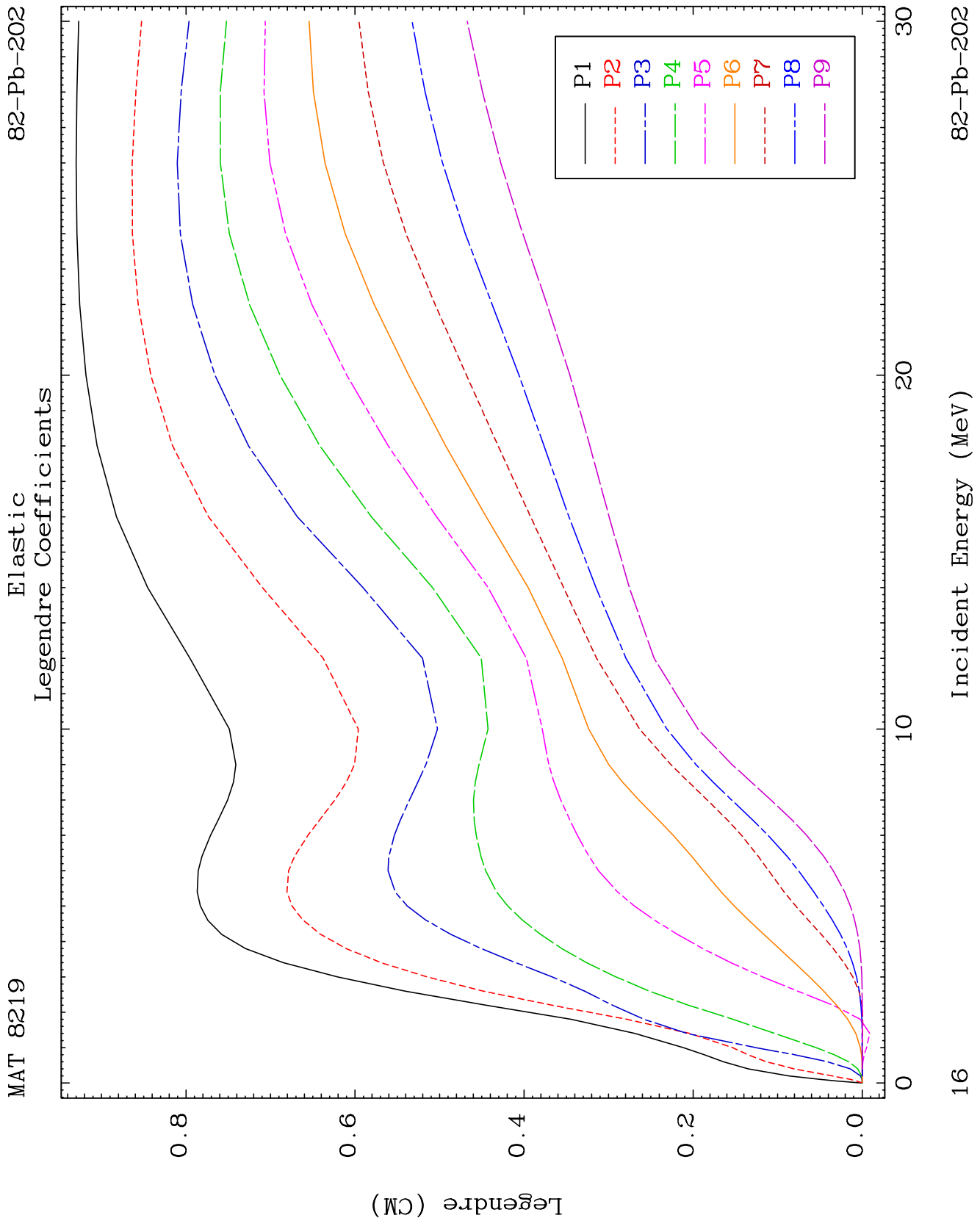
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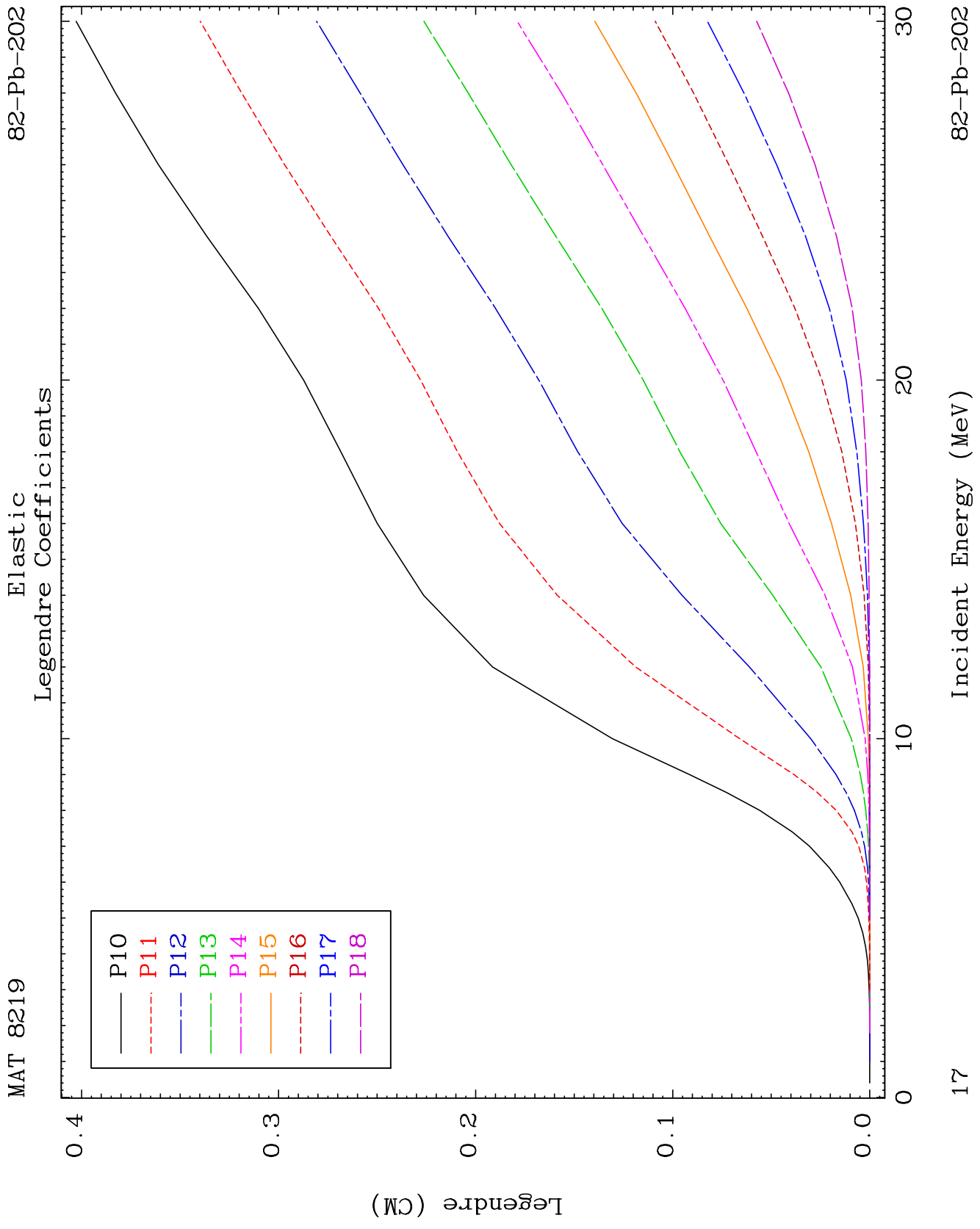
MAT 8219

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-202



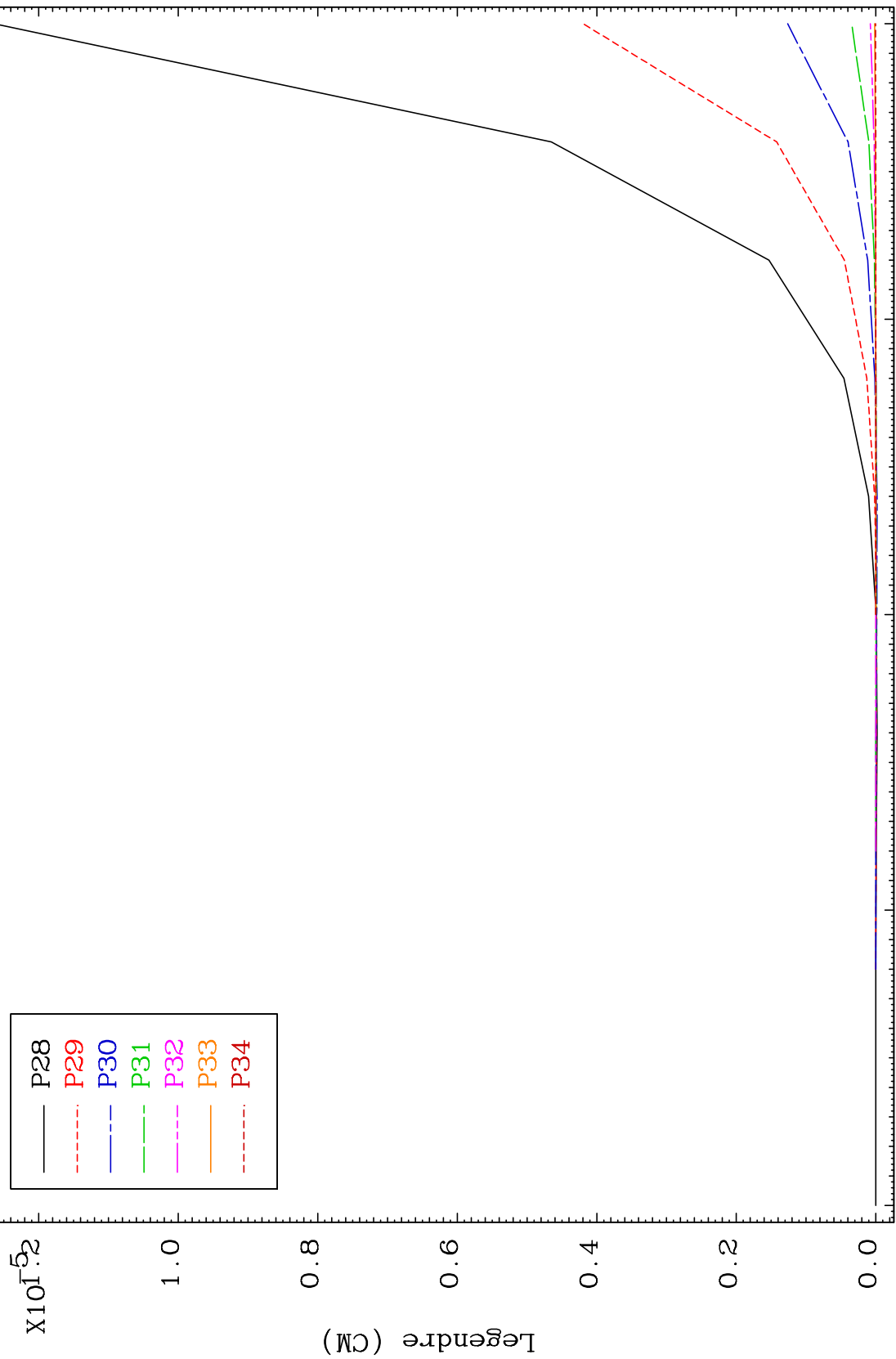
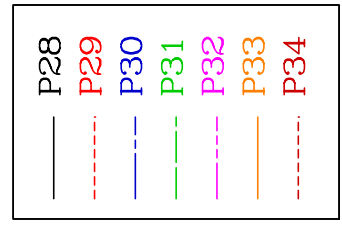




MAT 8219

Elastic Legendre Coefficients

82-Pb-202



19

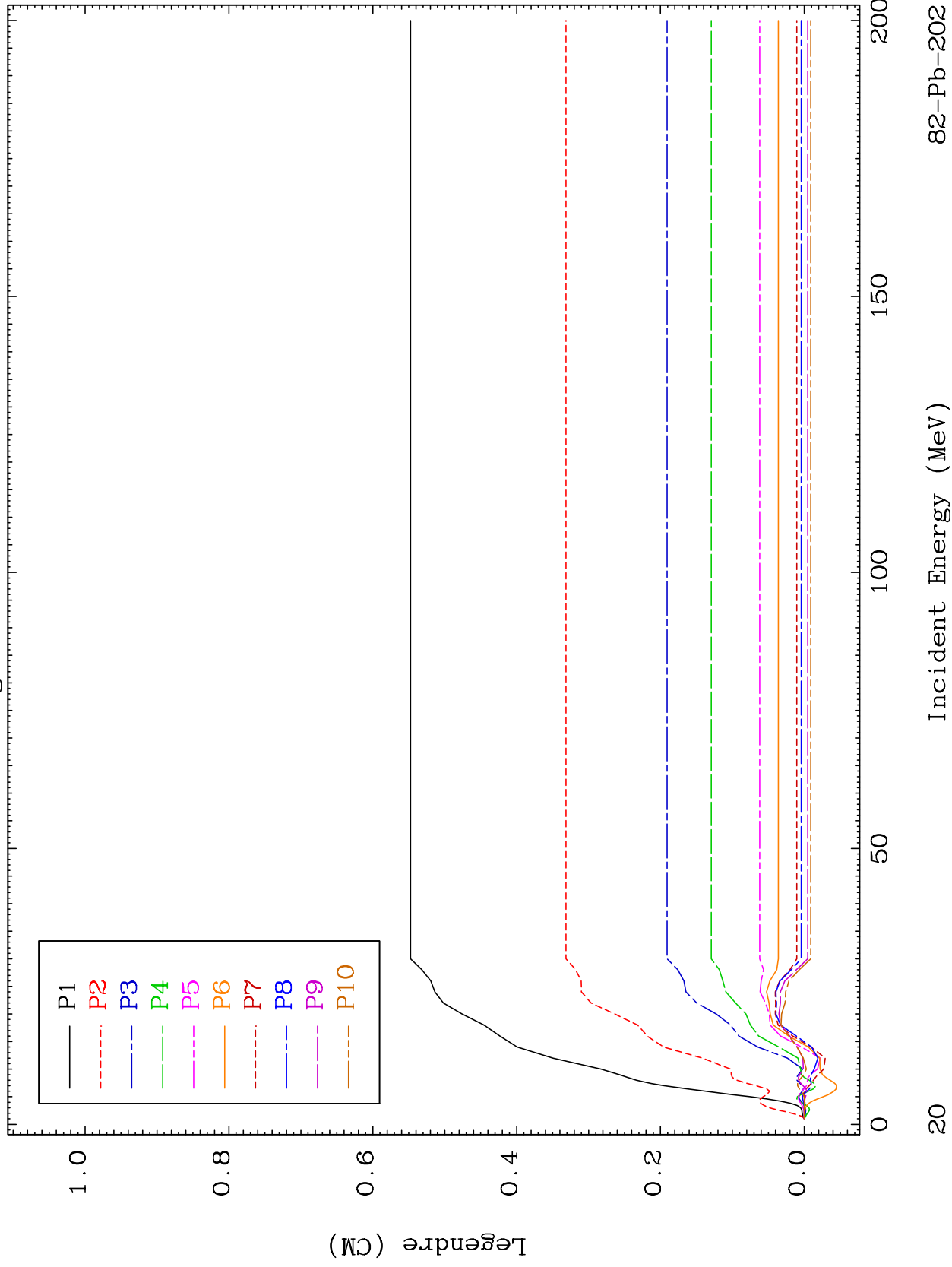
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

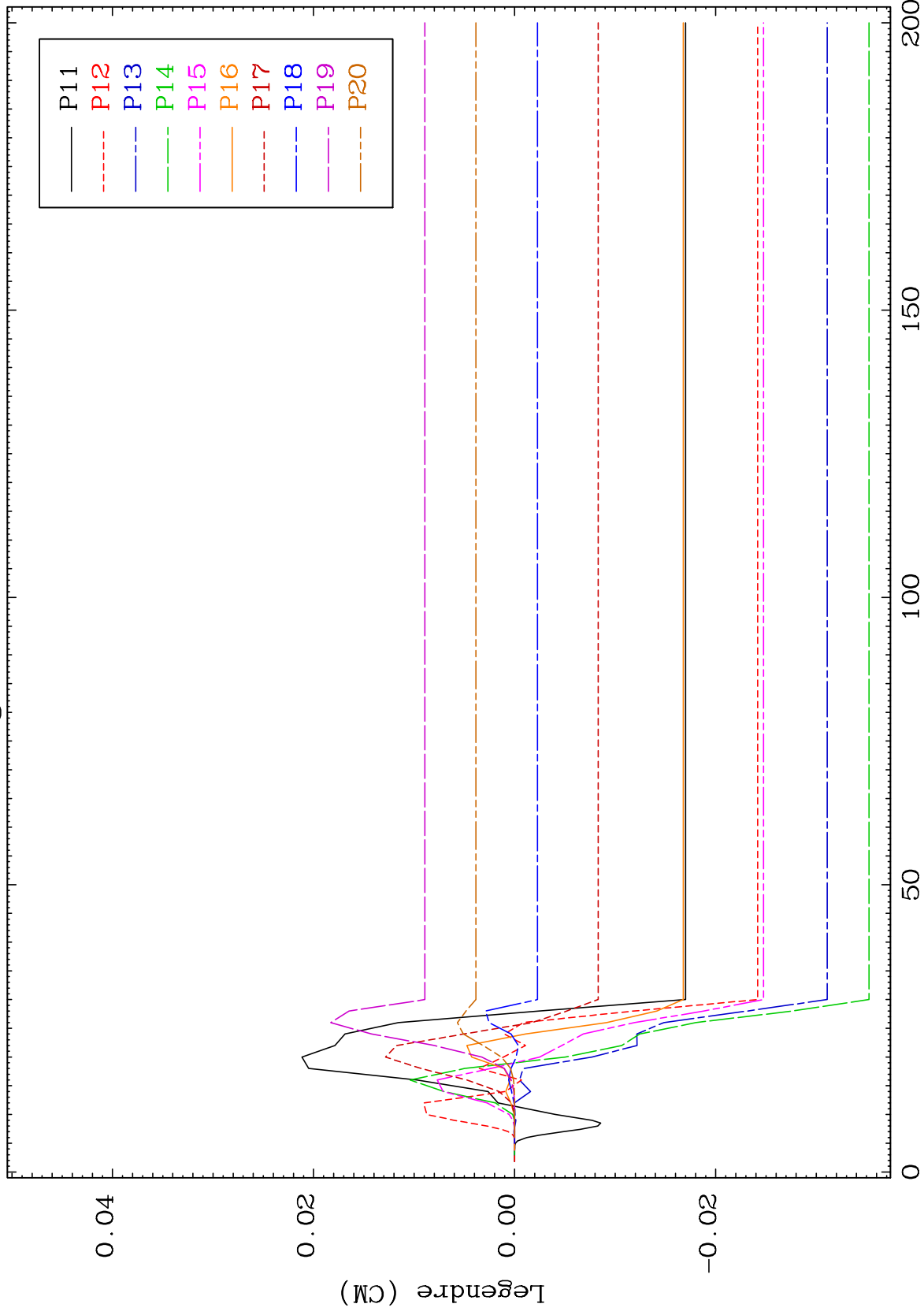
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MAT 8219

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

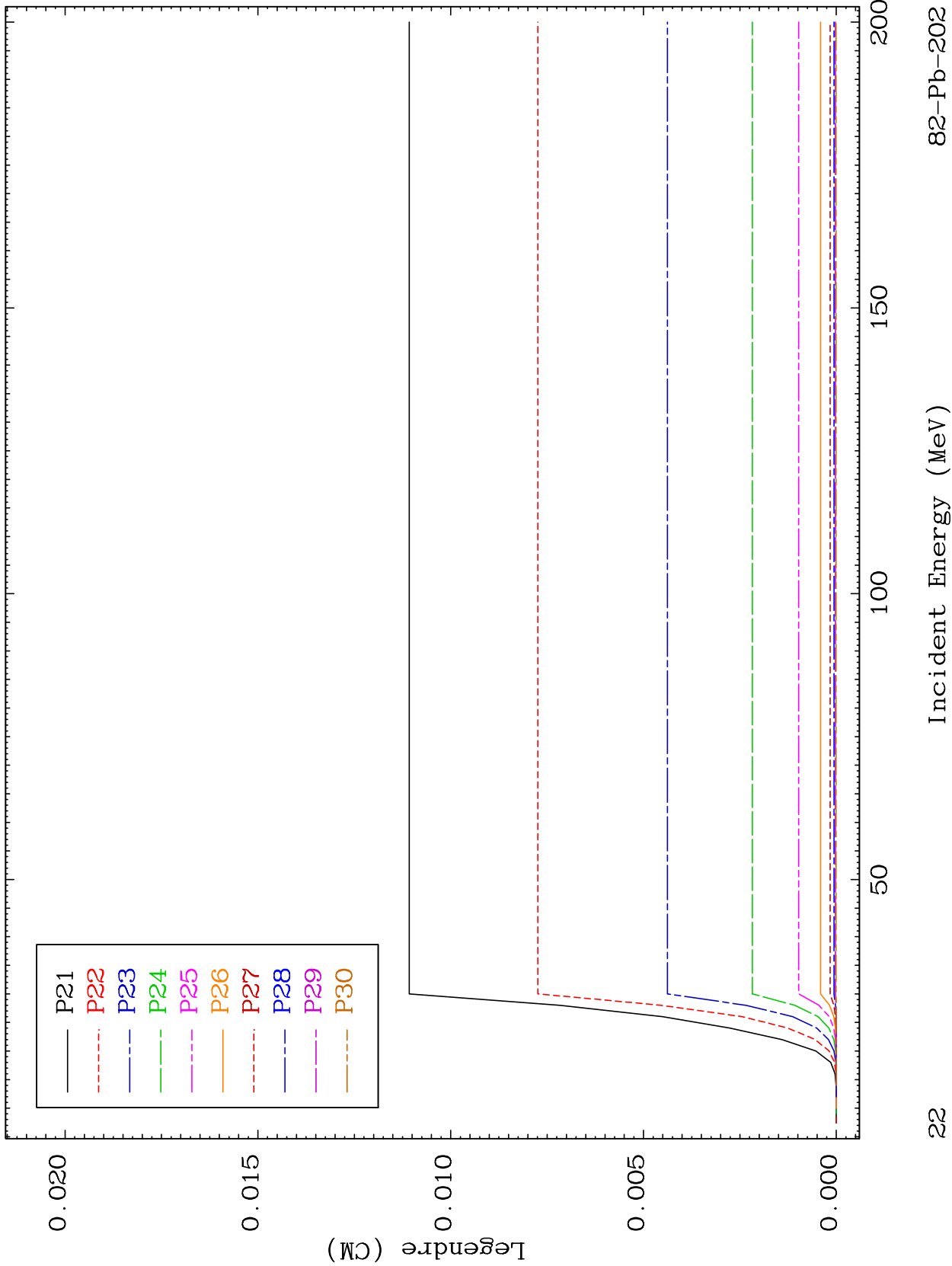
82-Pb-202



21

Incident Energy (MeV)

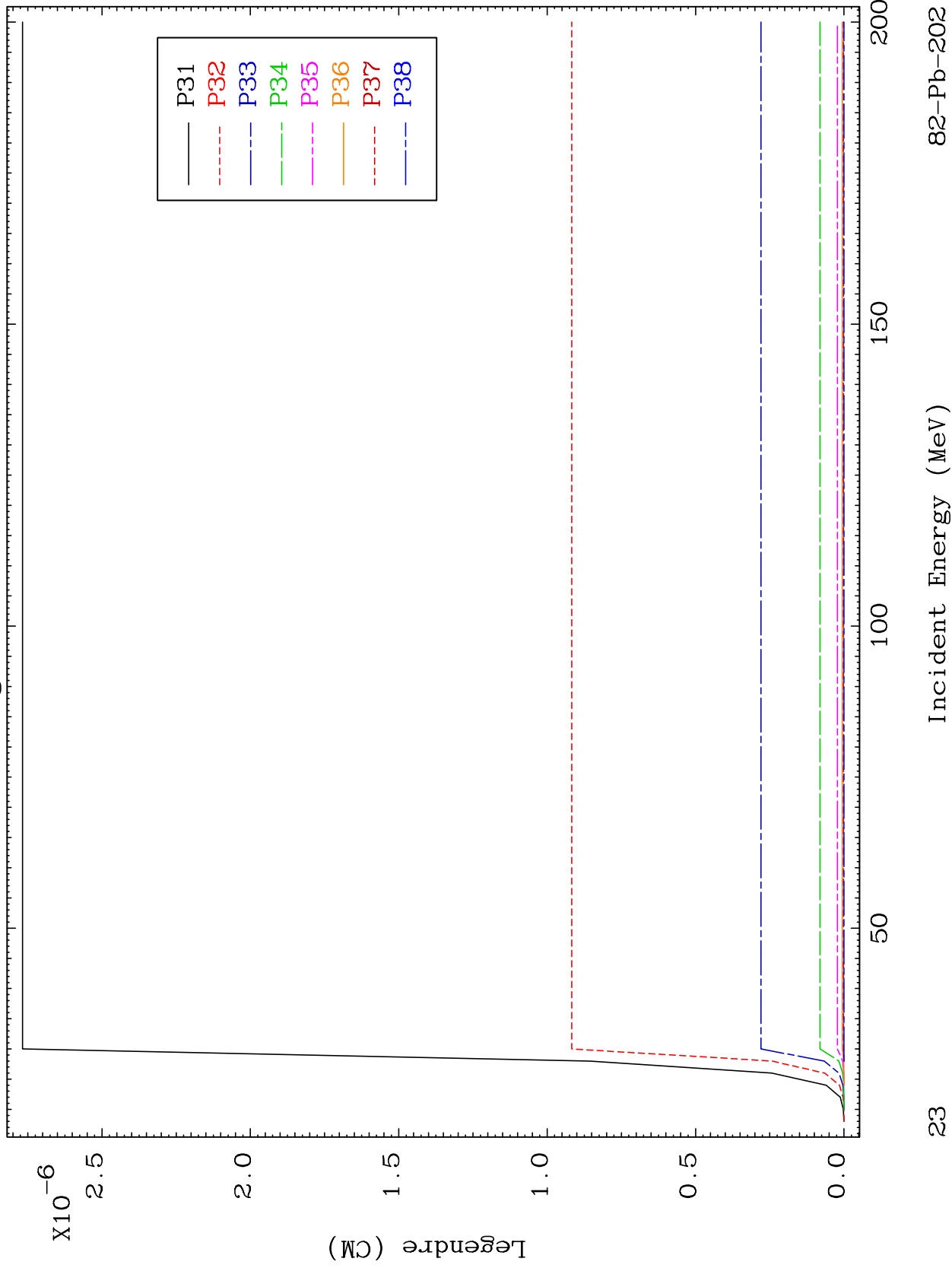
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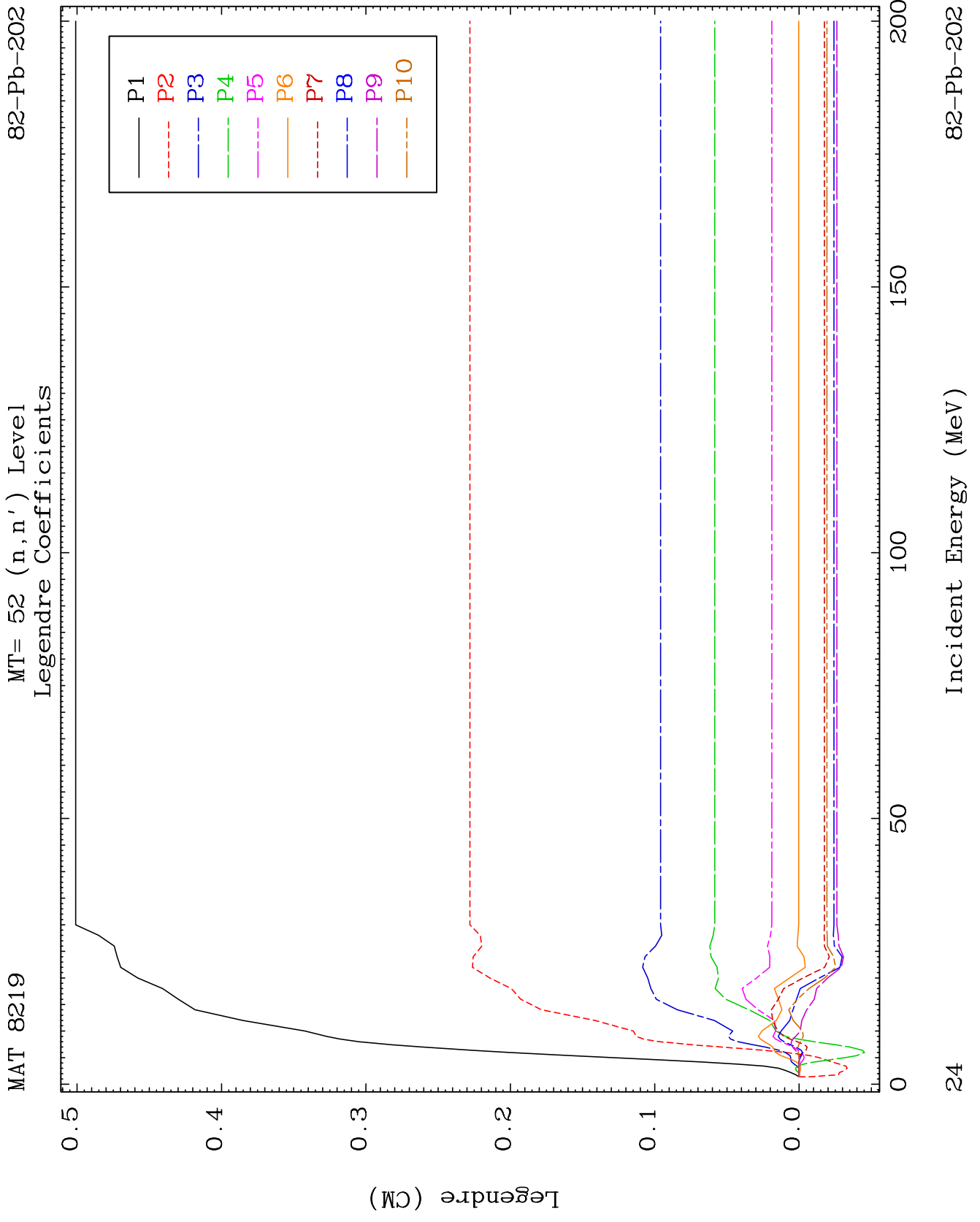
MAT 8219

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

82-Pb-202



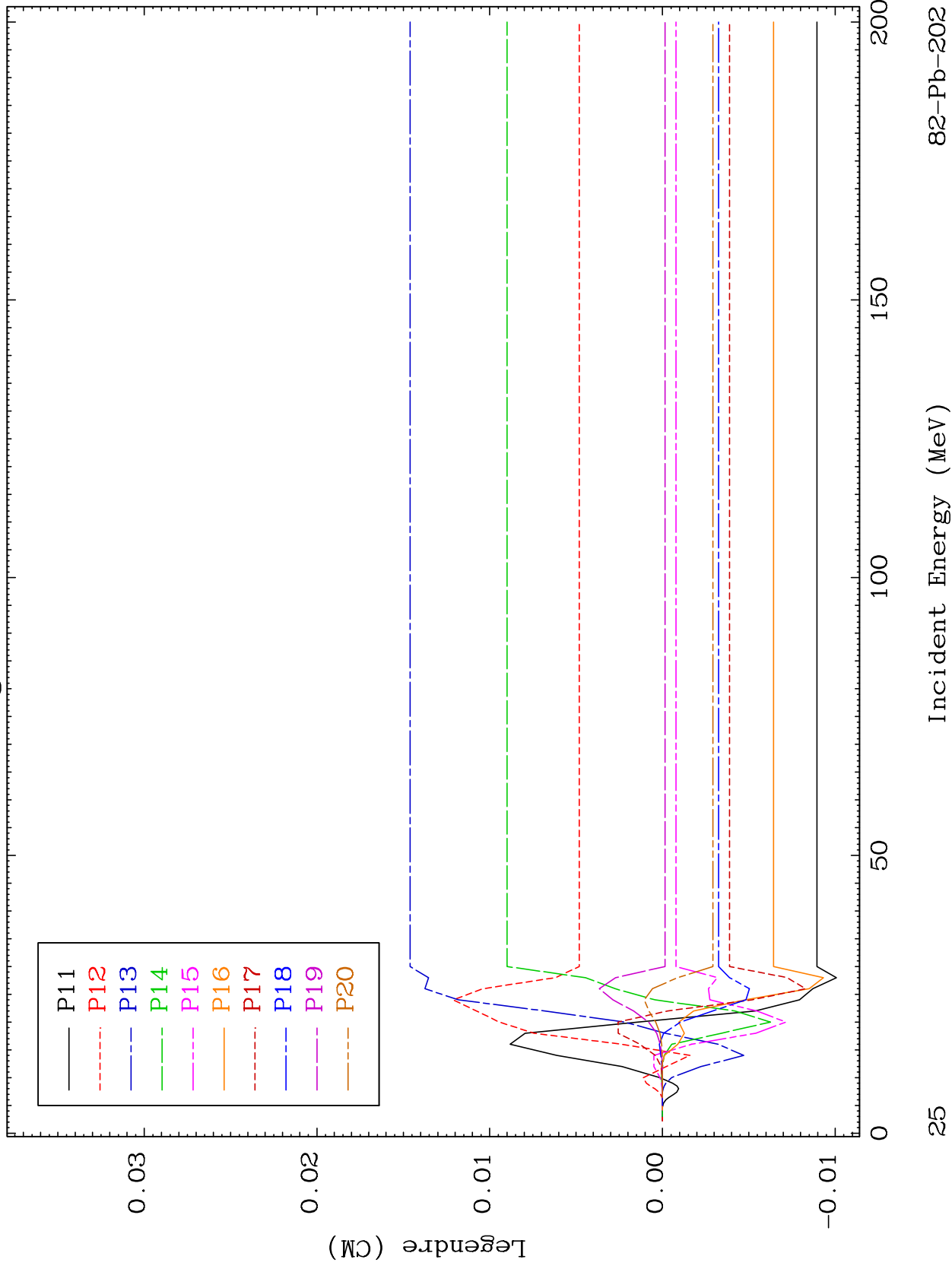
23



MAT 8219

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

82-Pb-202



82-Pb-202

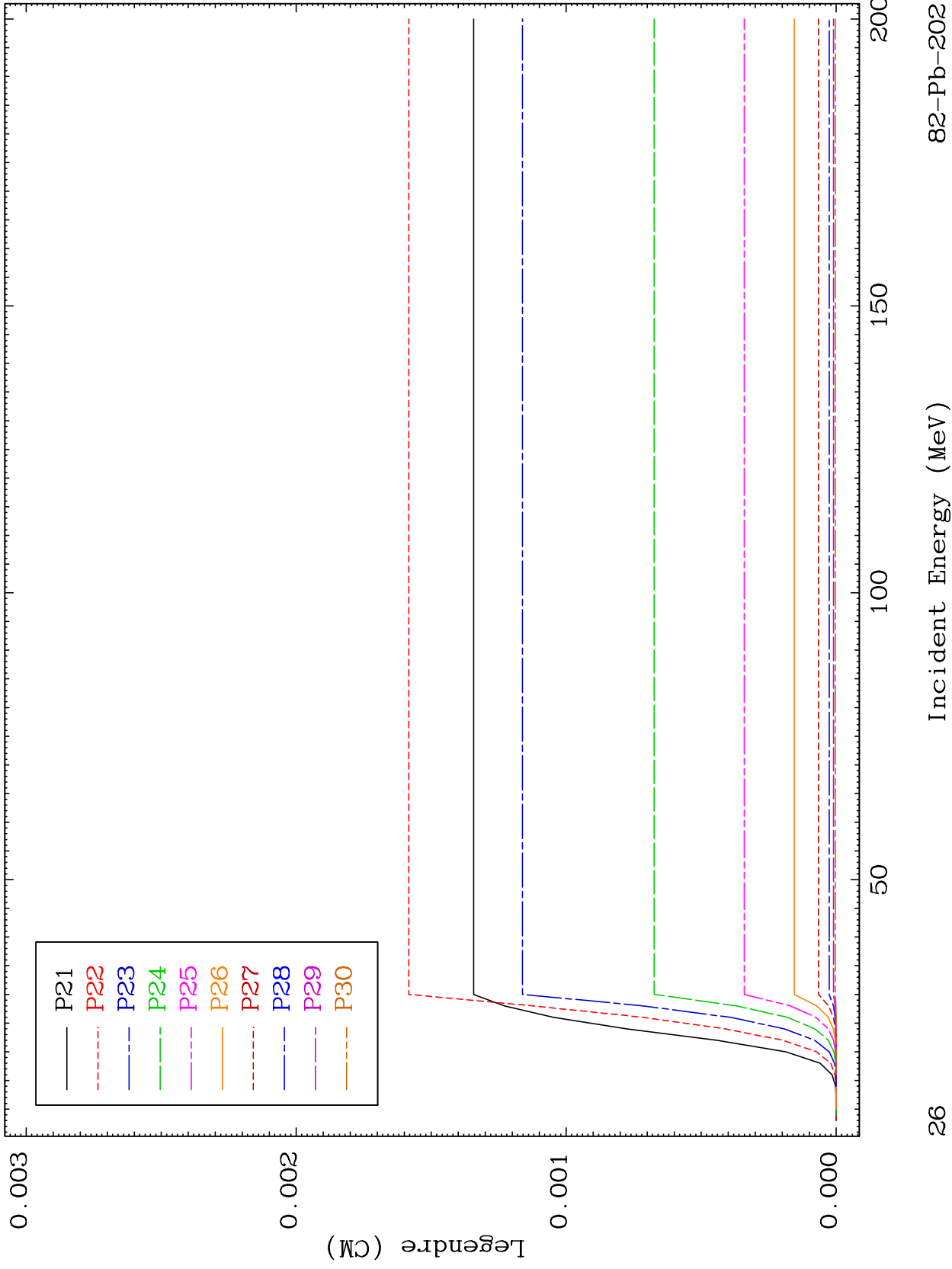
Incident Energy (MeV)

25

MAT 8219

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

82-Pb-202



26

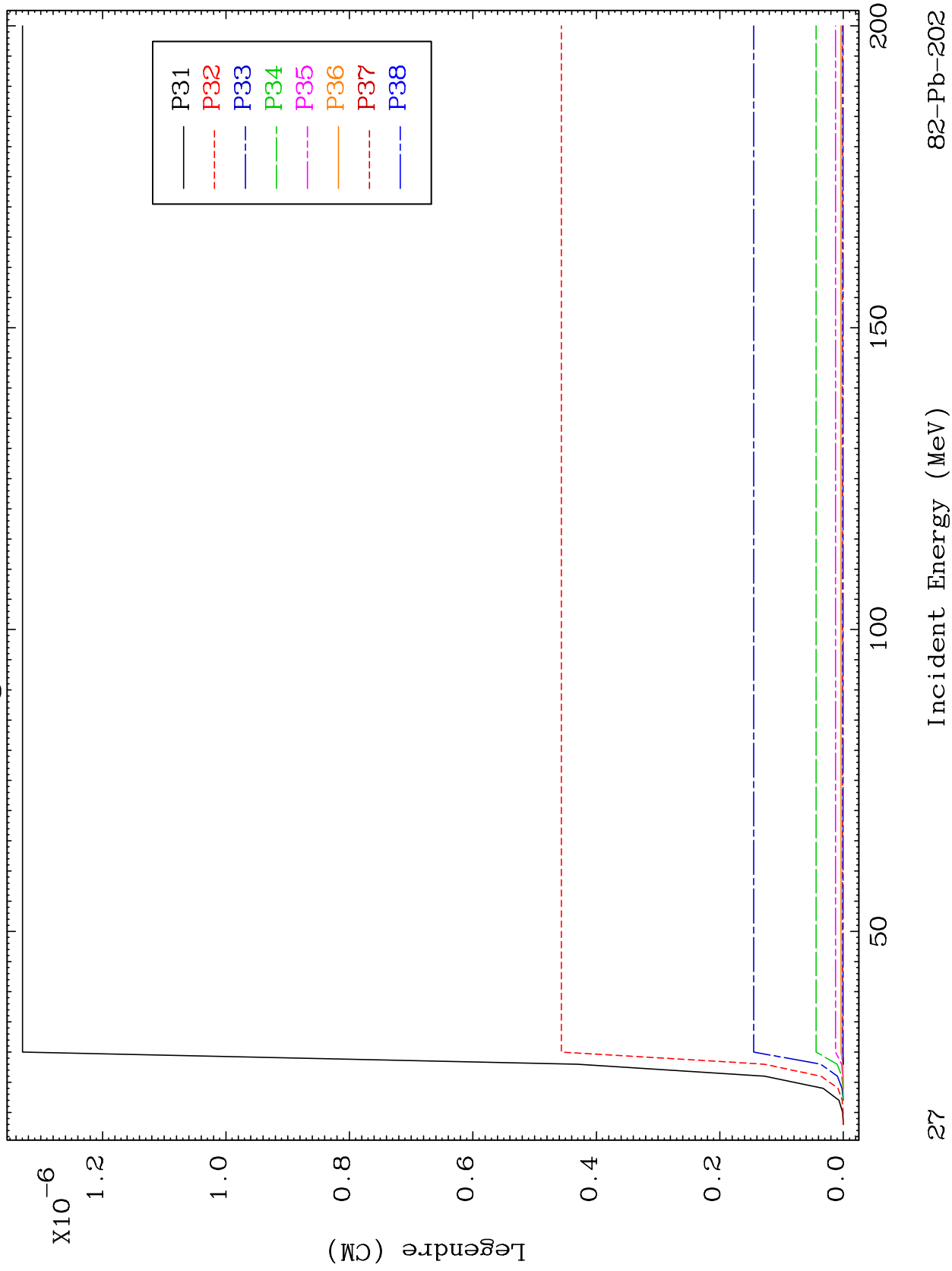
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202

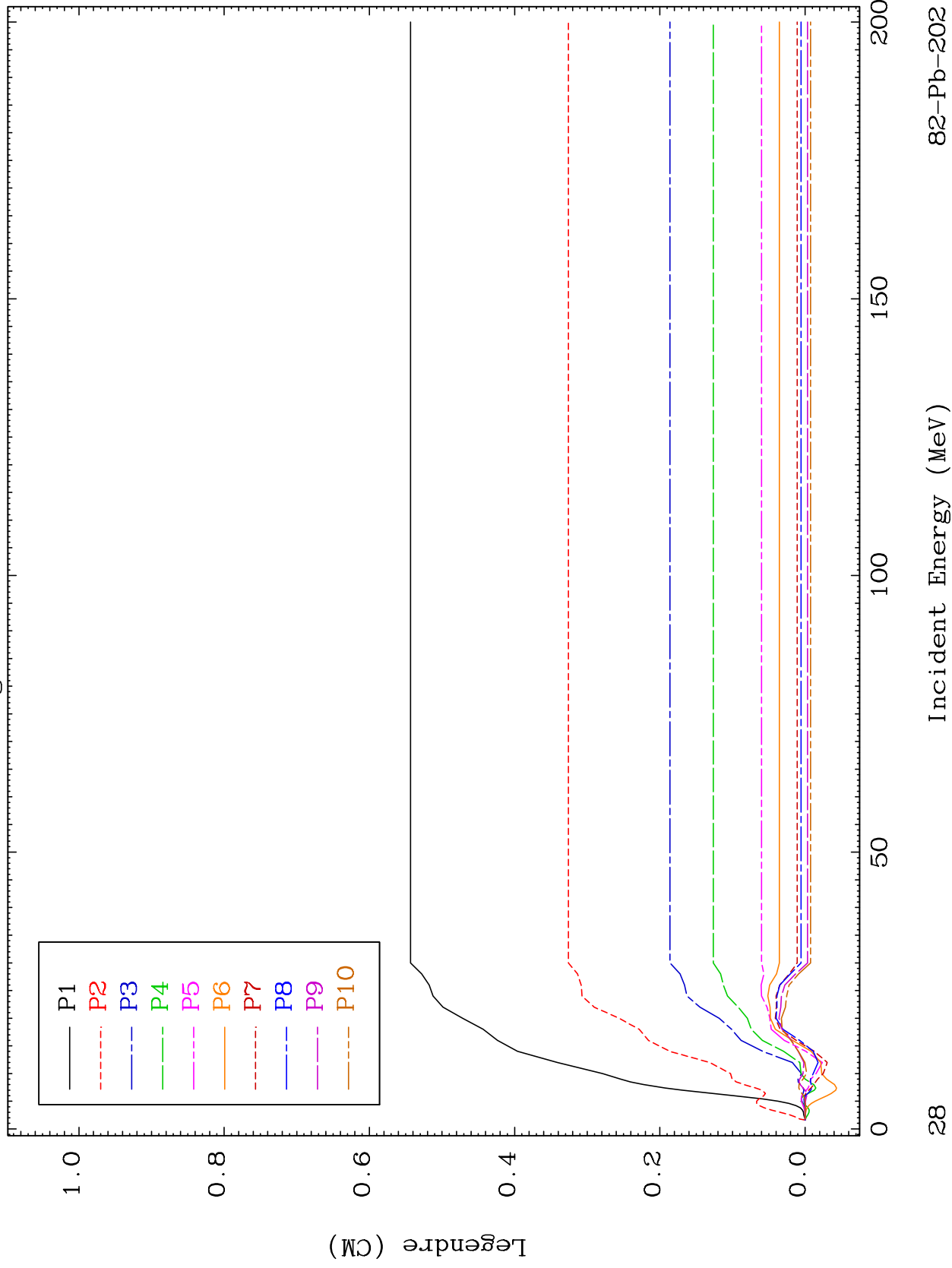


27

MAT 8219

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

82-Pb-202



28

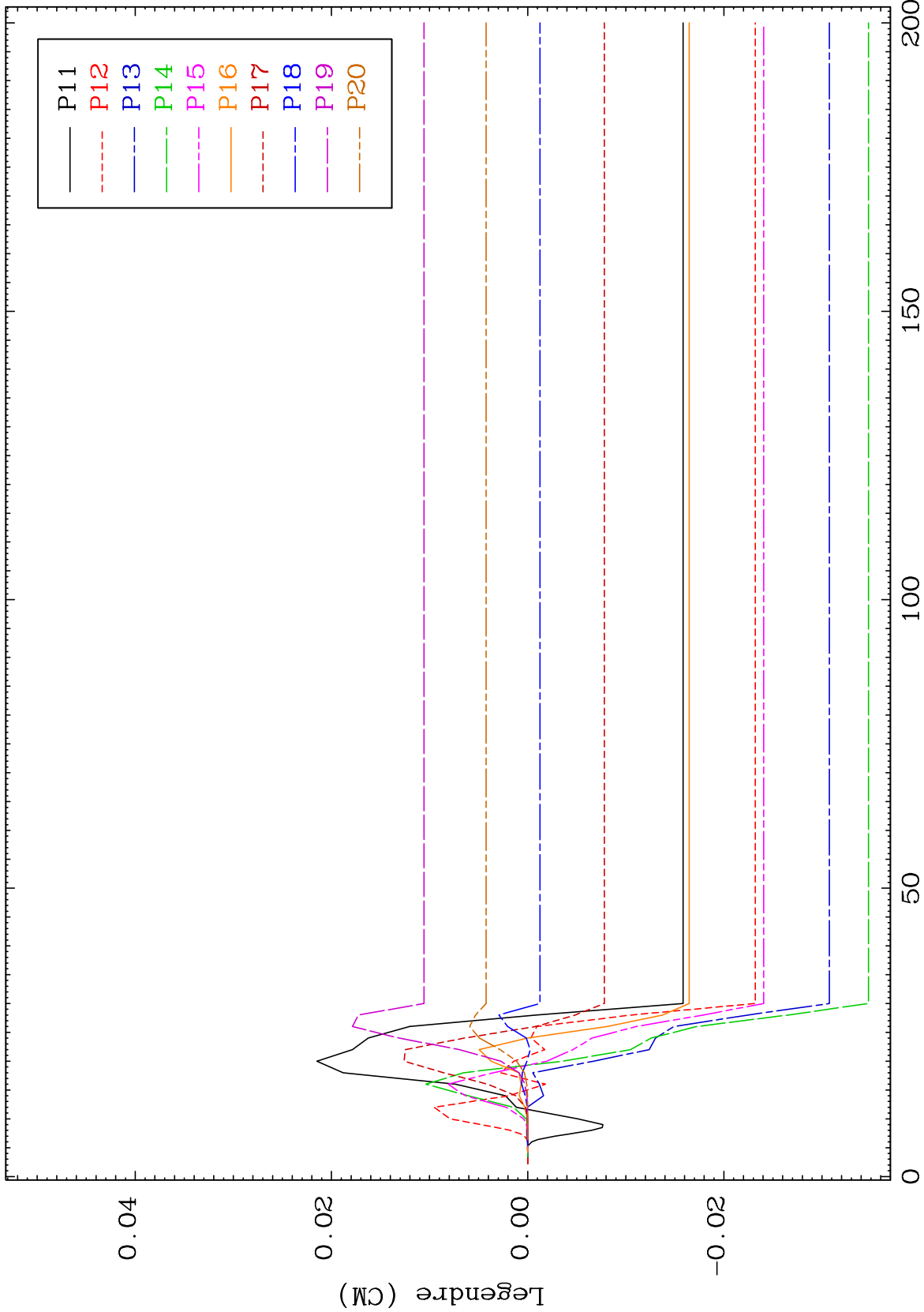
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

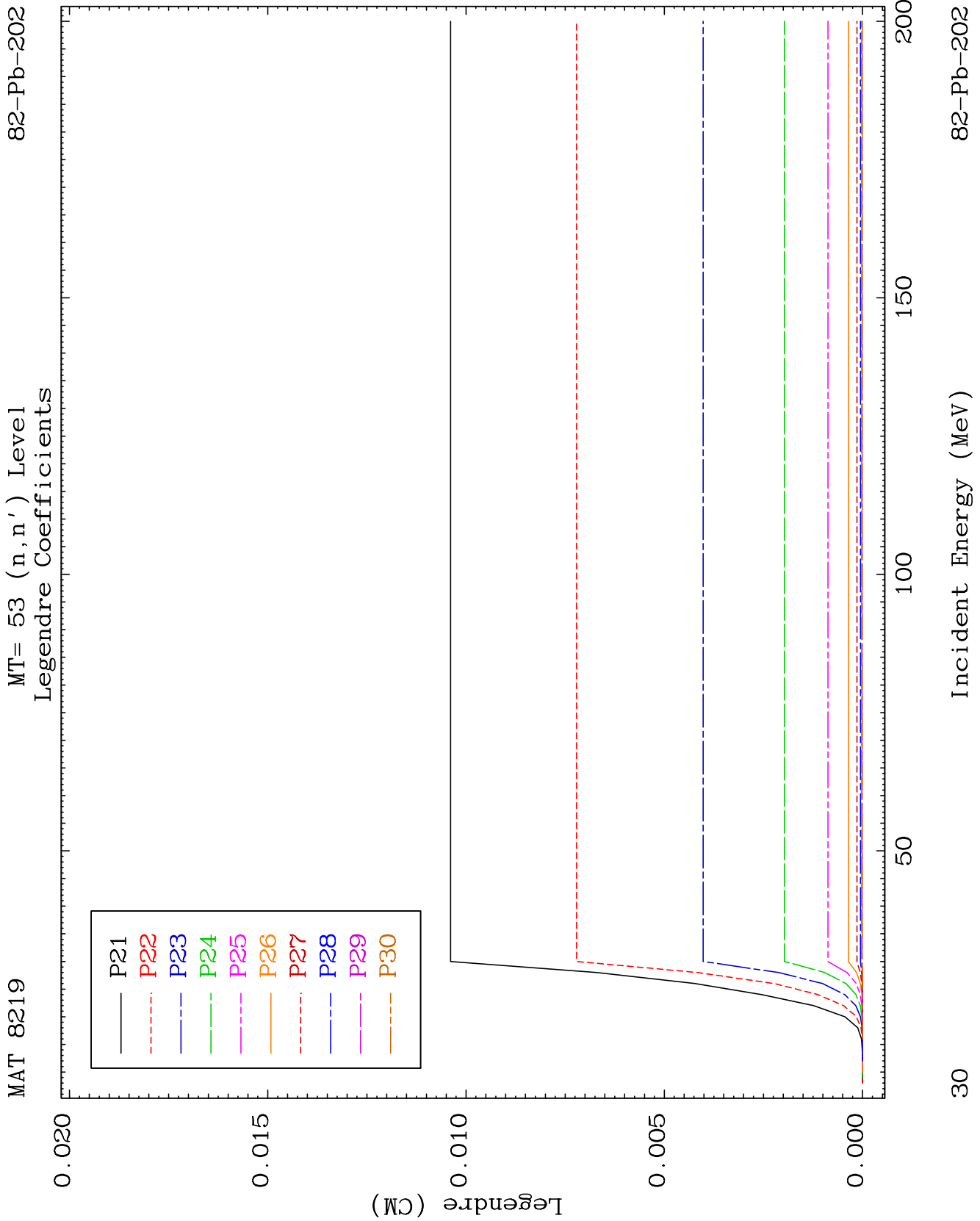
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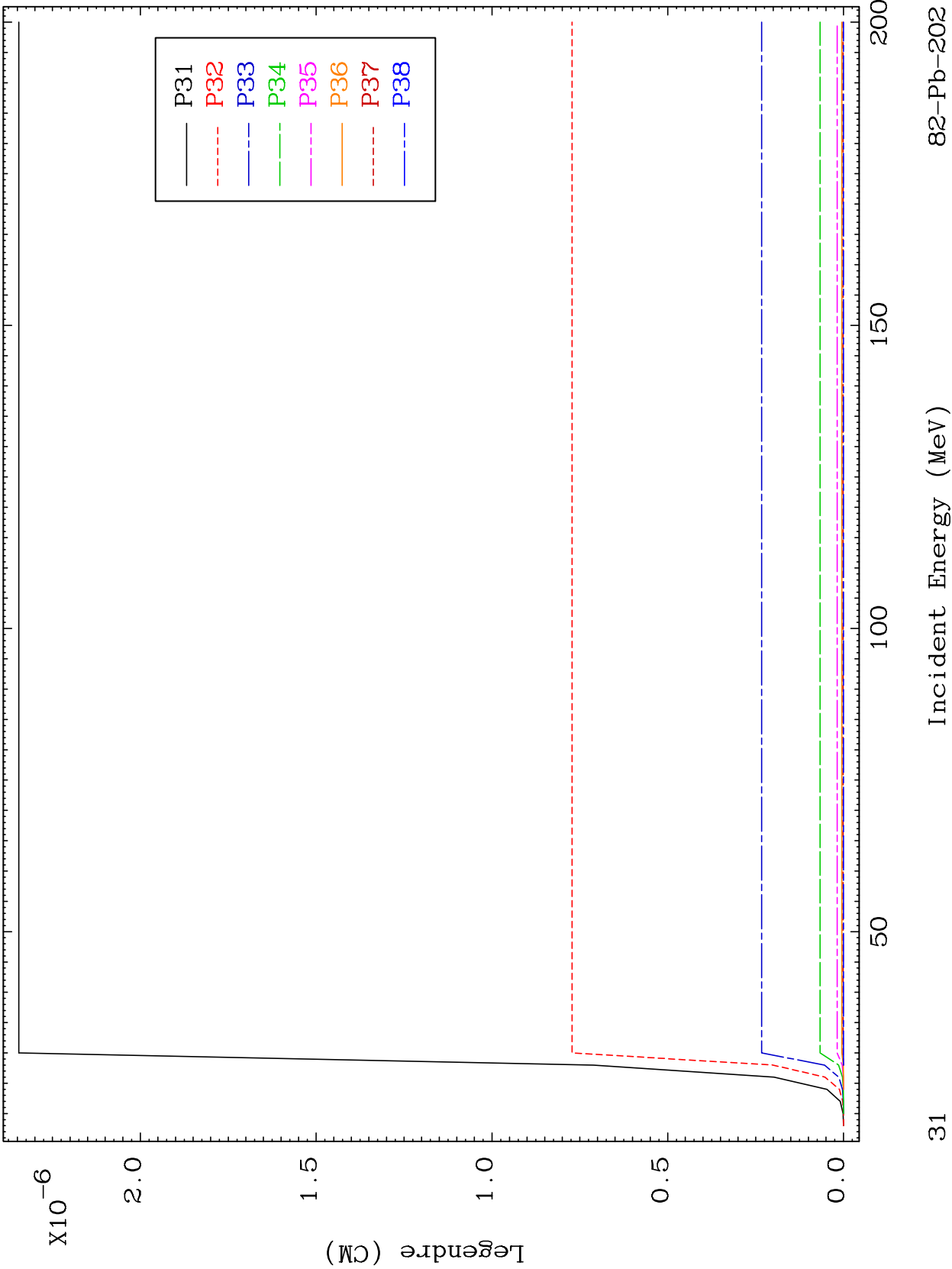


29

Incident Energy (MeV)

82-Pb-202

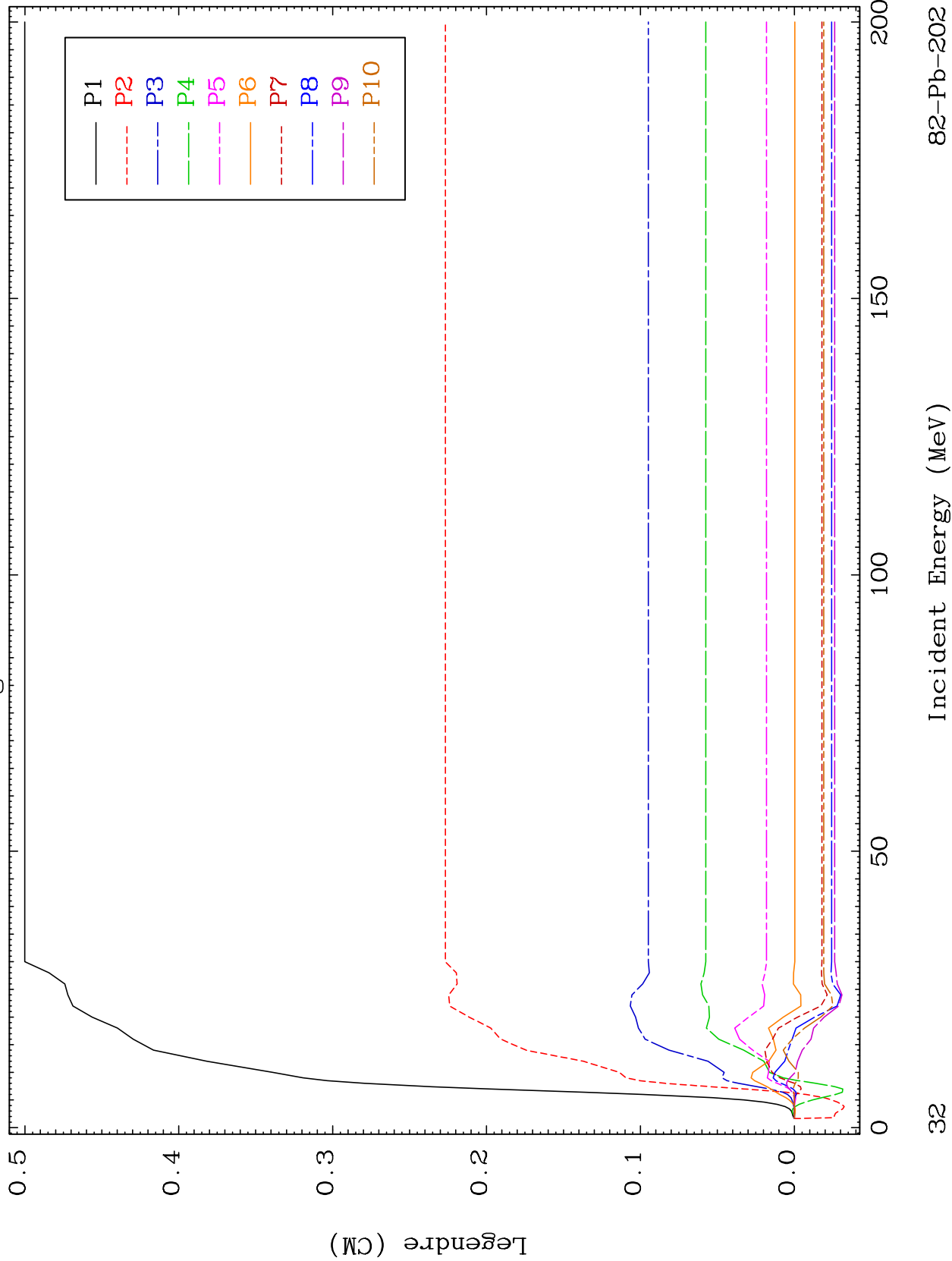




MAT 8219

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

82-Pb-202



82-Pb-202

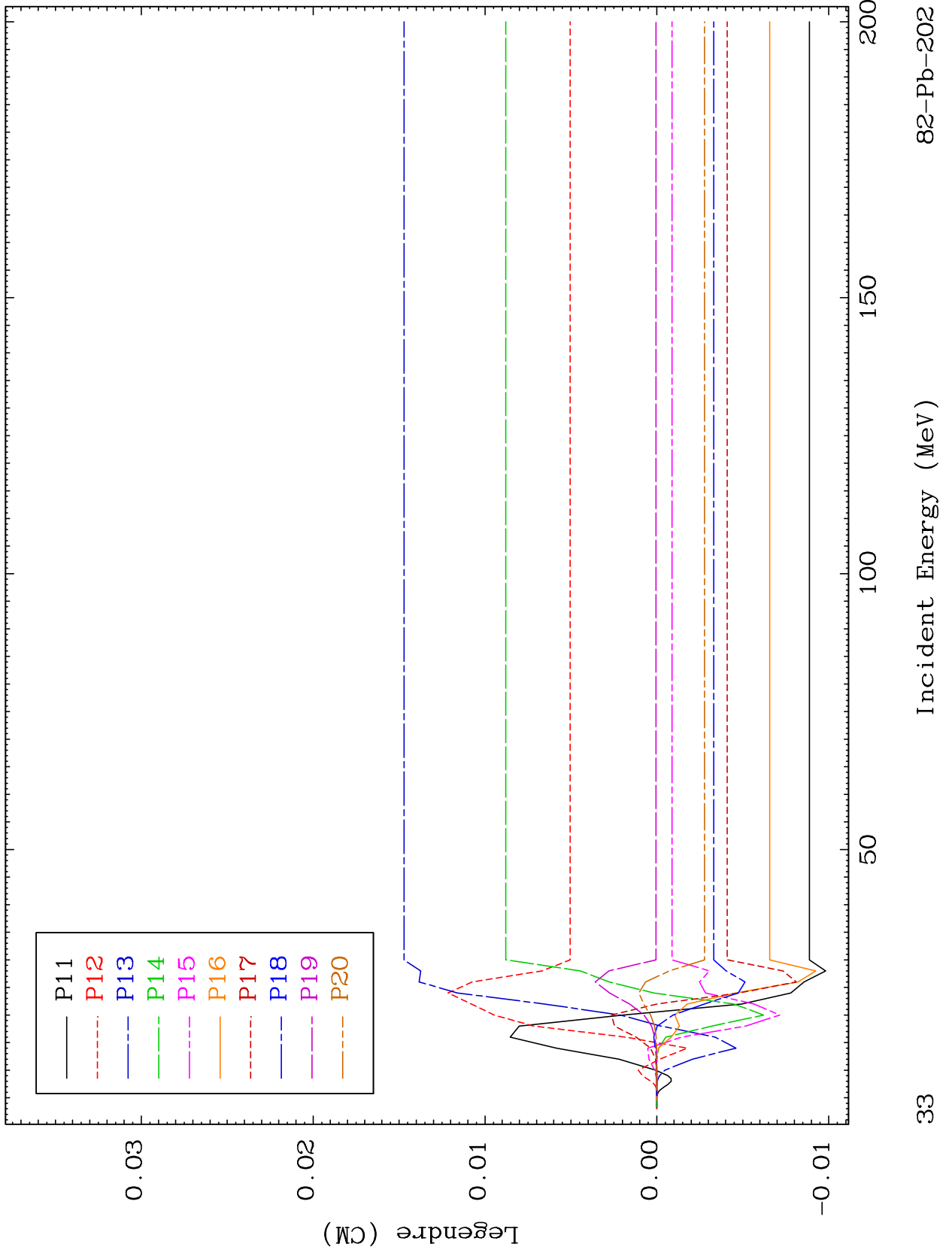
Incident Energy (MeV)

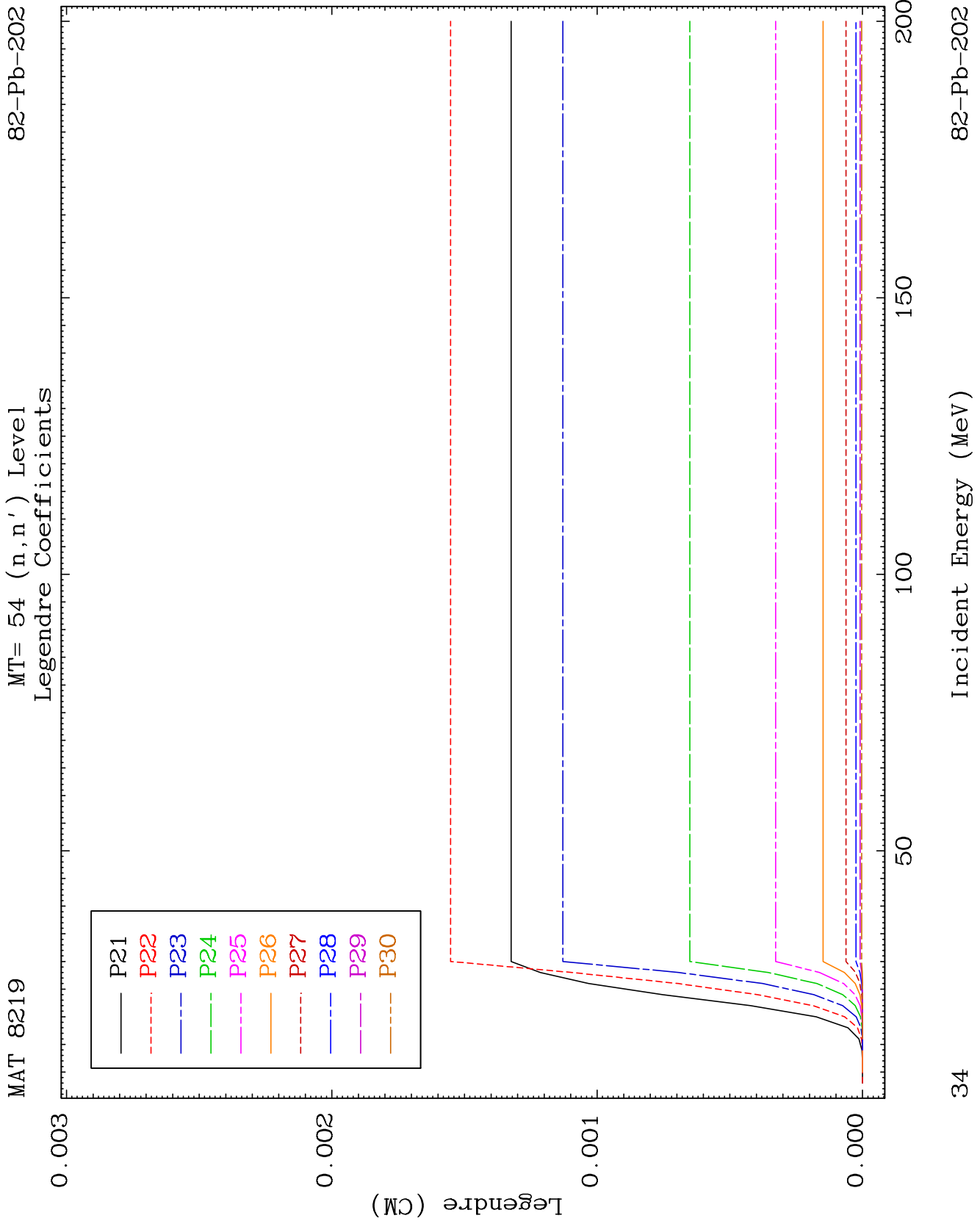
32

MAT 8219

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

82-Pb-202

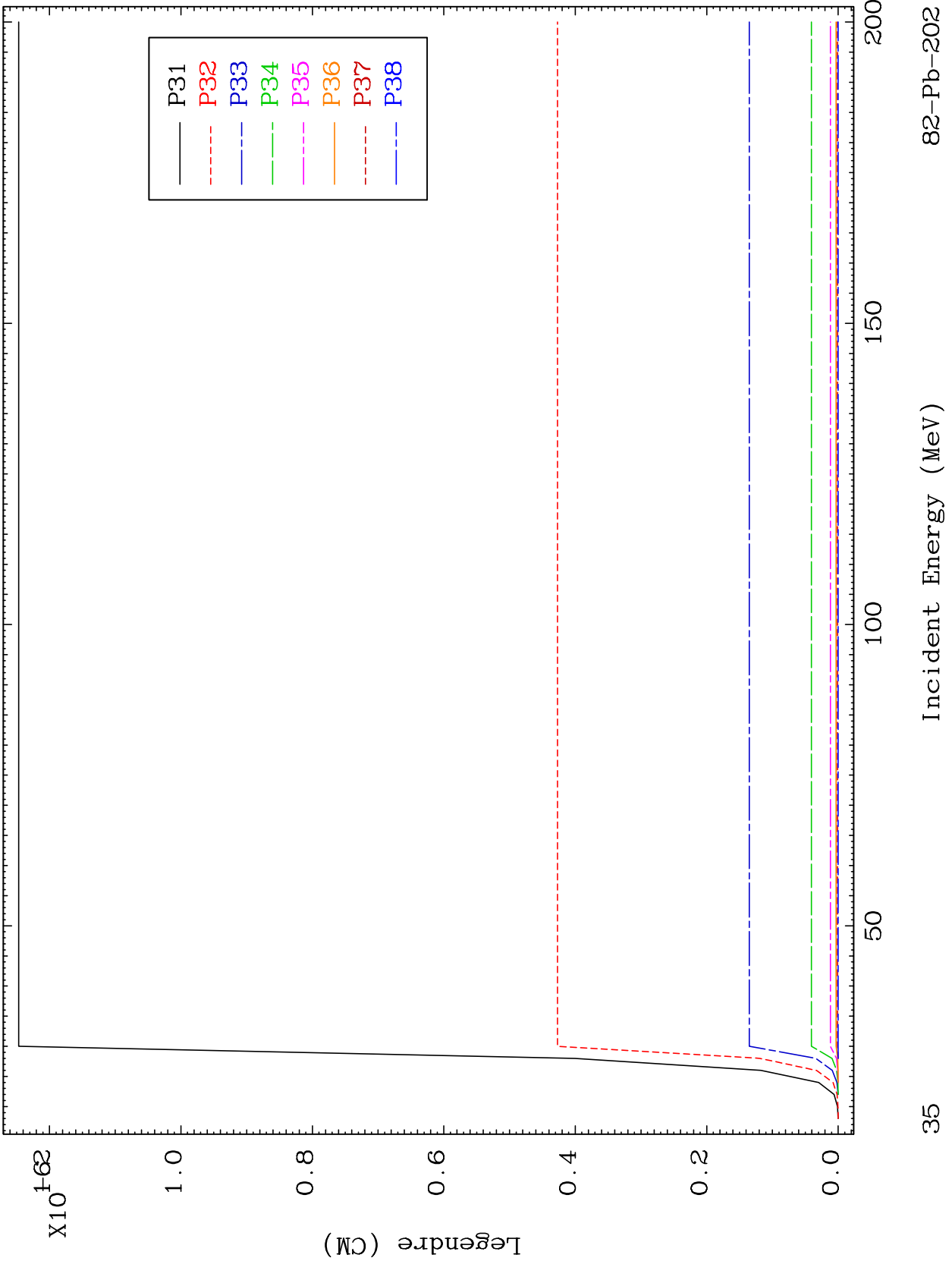




MAT 8219

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

82-Pb-202



35

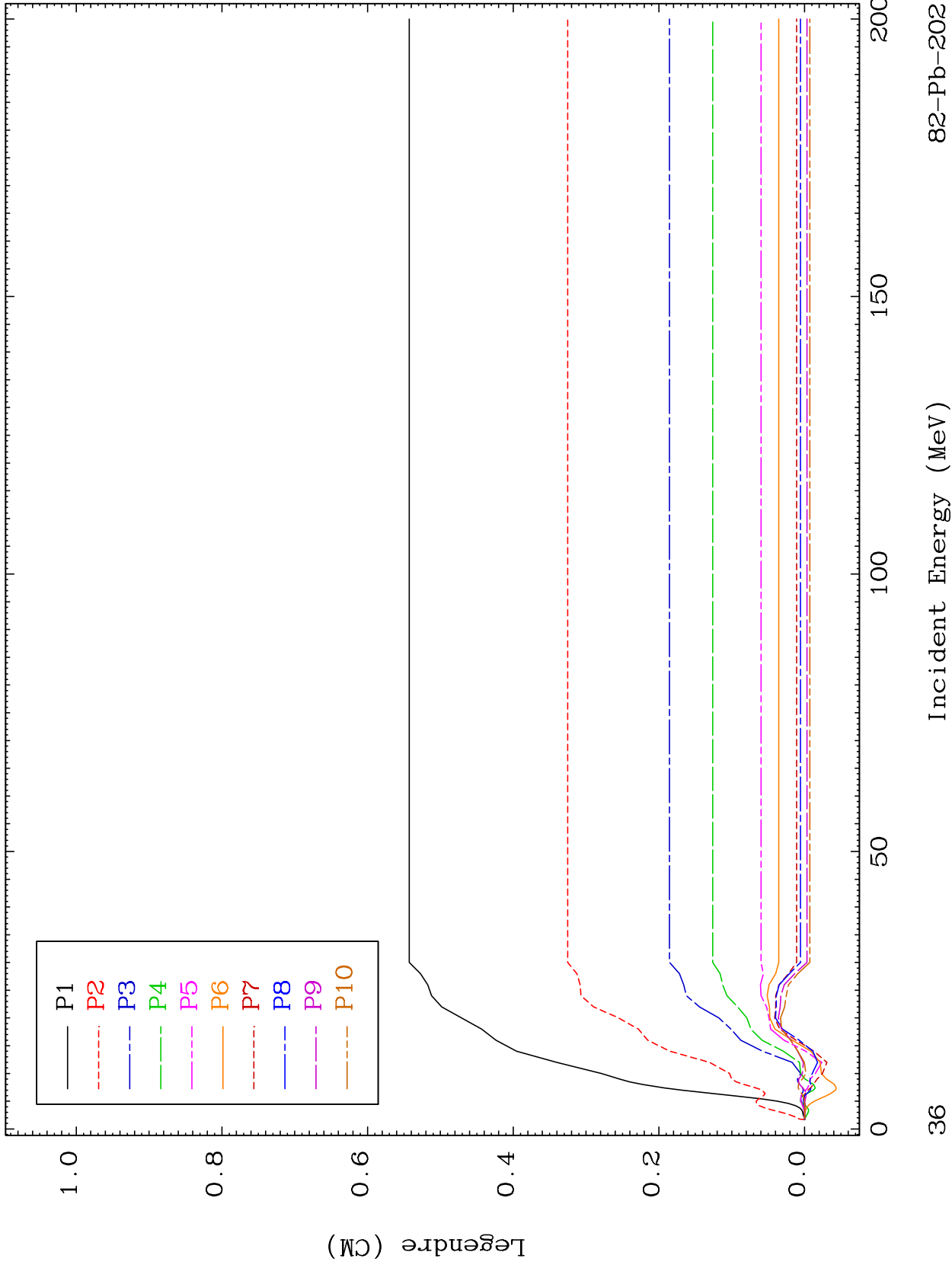
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202

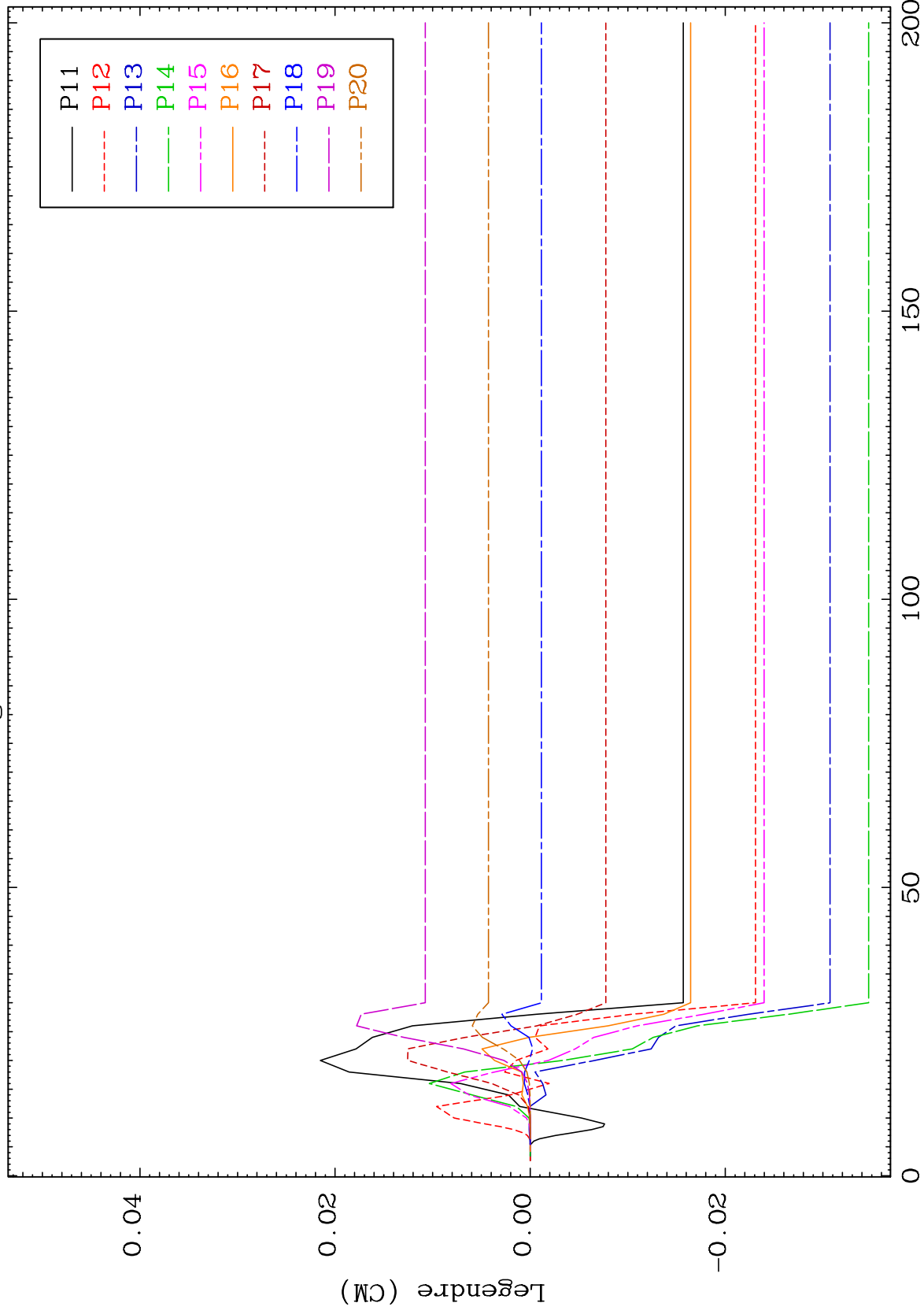


36

MAT 8219

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

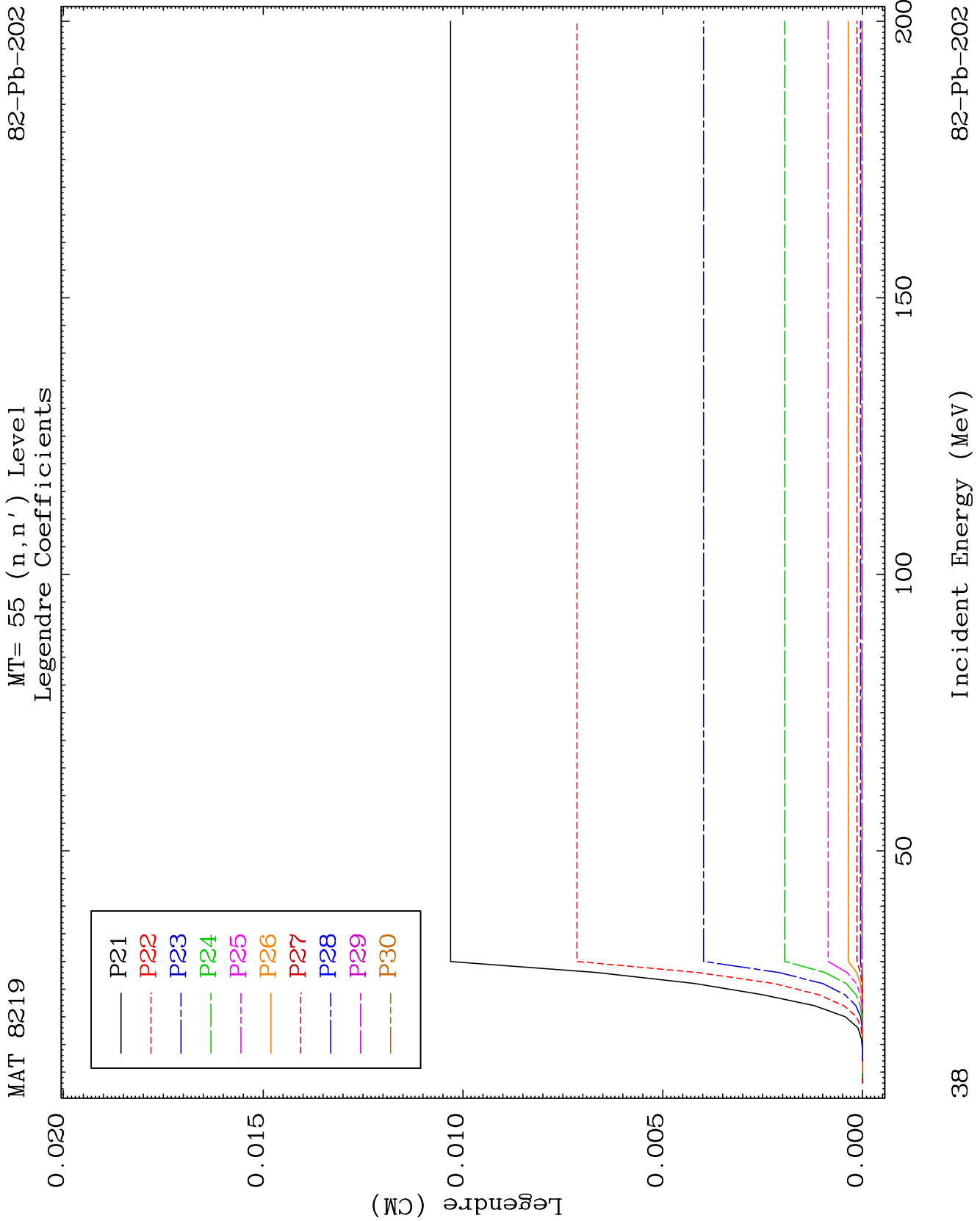
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37

Incident Energy (MeV)

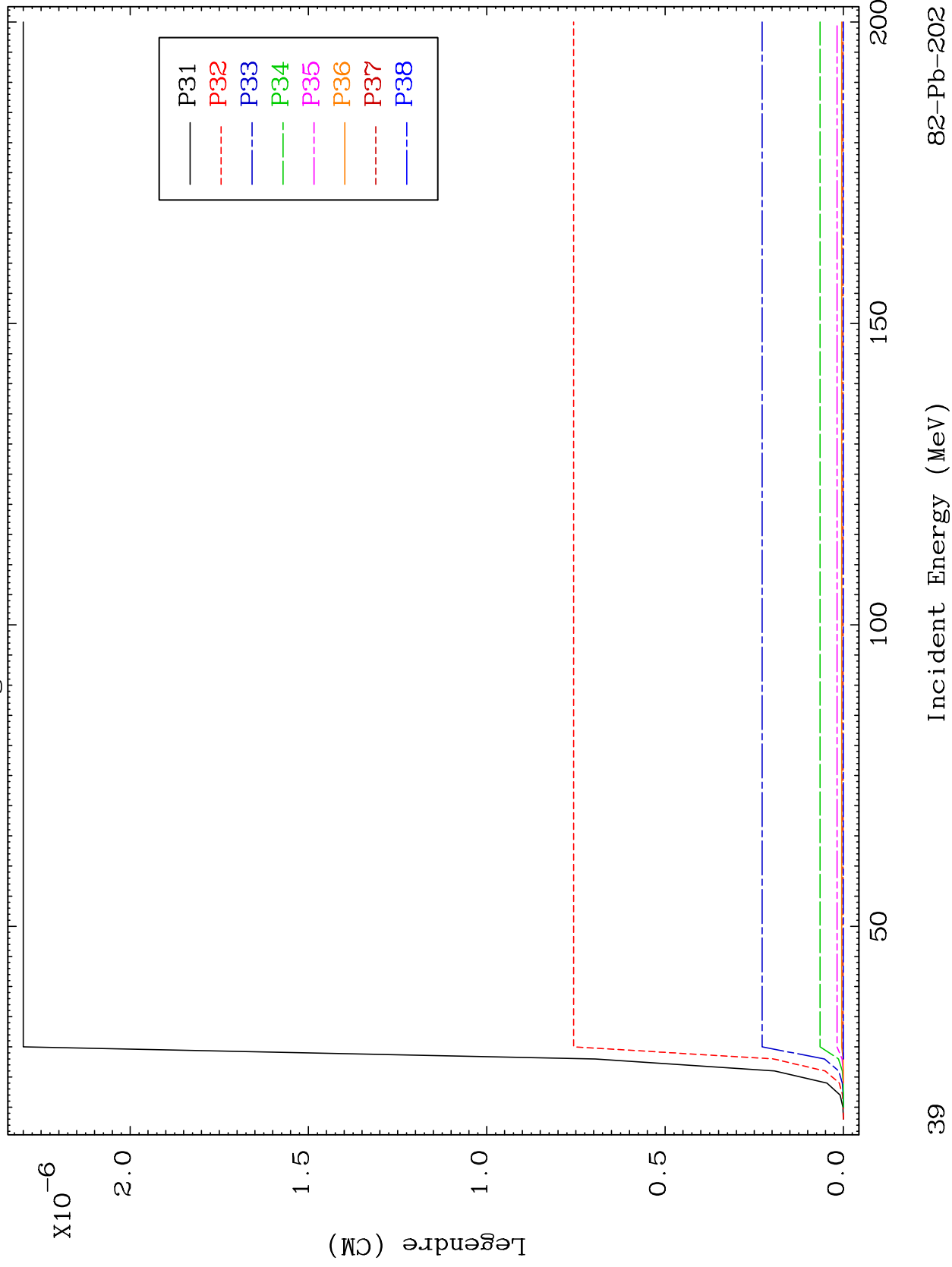
82-Pb-202



MAT 8219

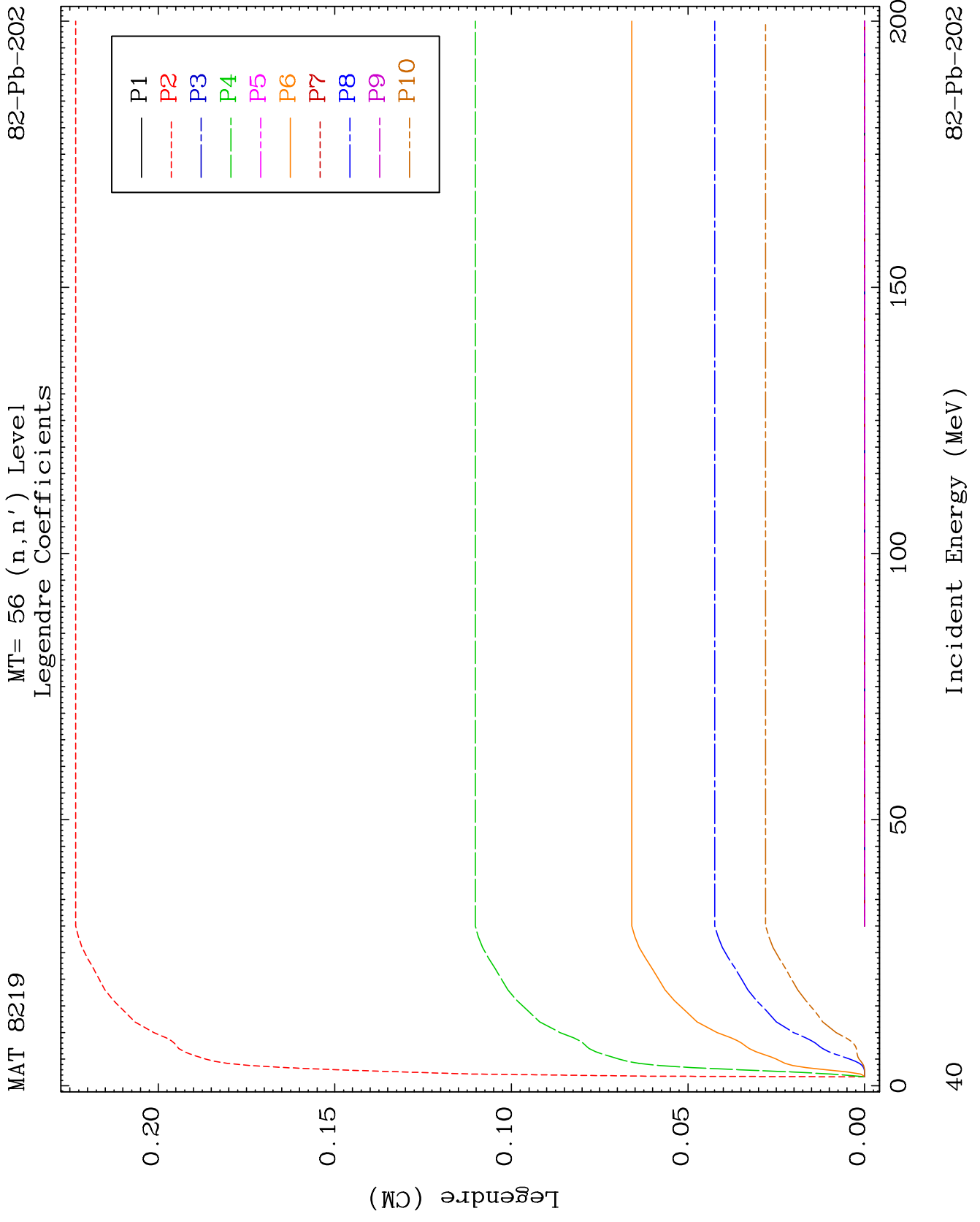
MT= 55 (n,n') Level
Legendre Coefficients

82-Pb-202



39

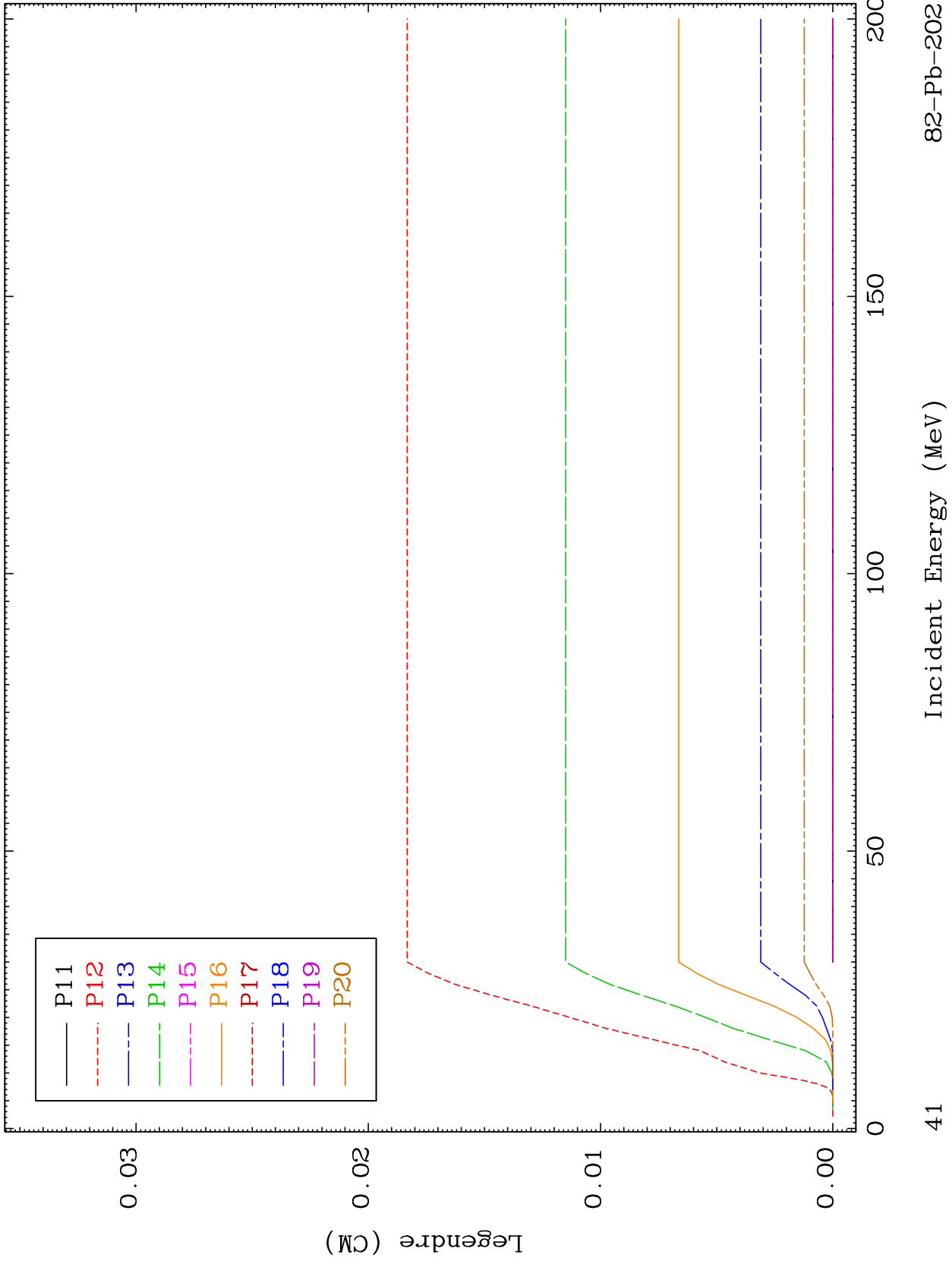
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MAT 8219

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

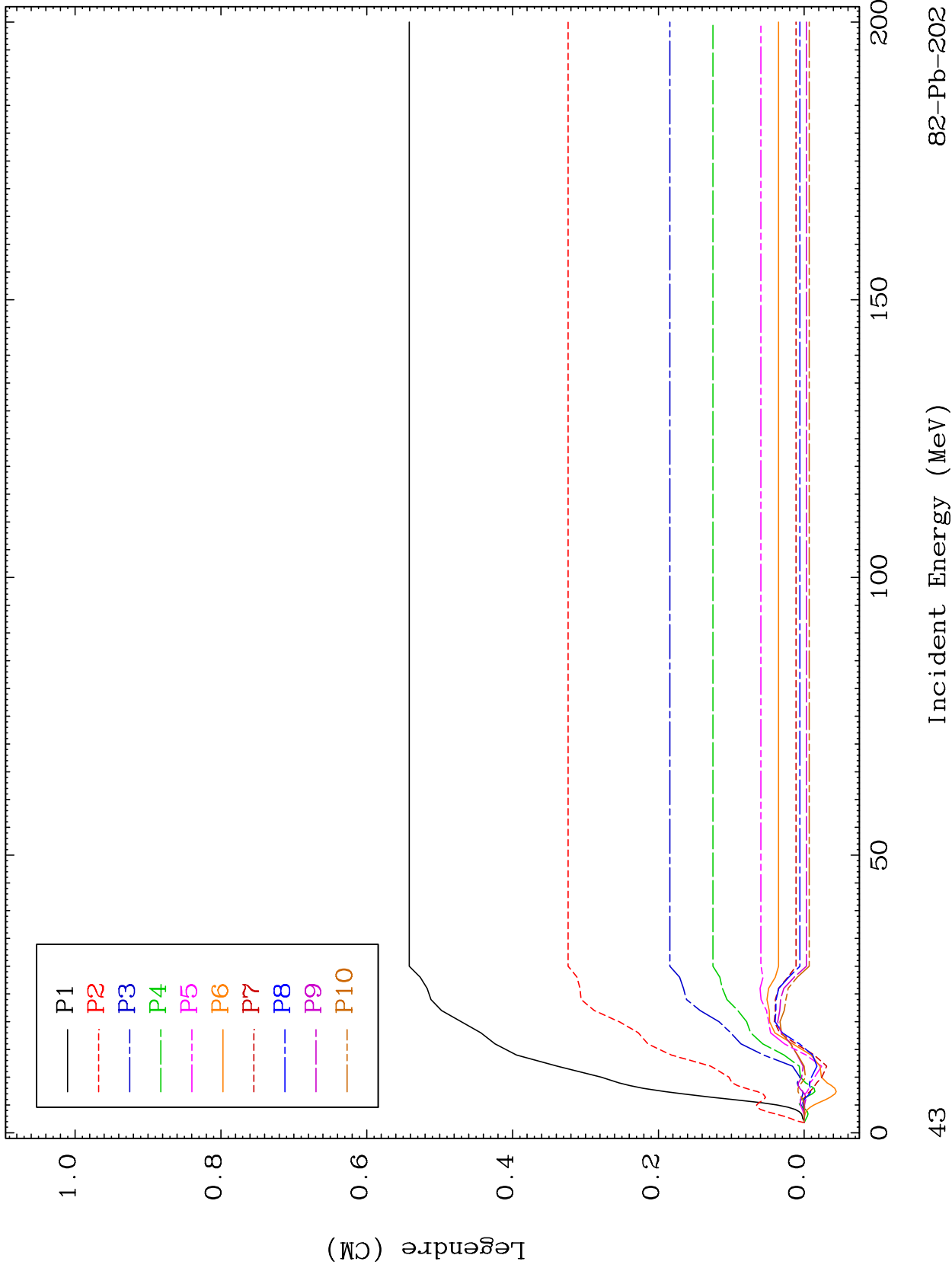
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MAT 8219

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

82-Pb-202



82-Pb-202

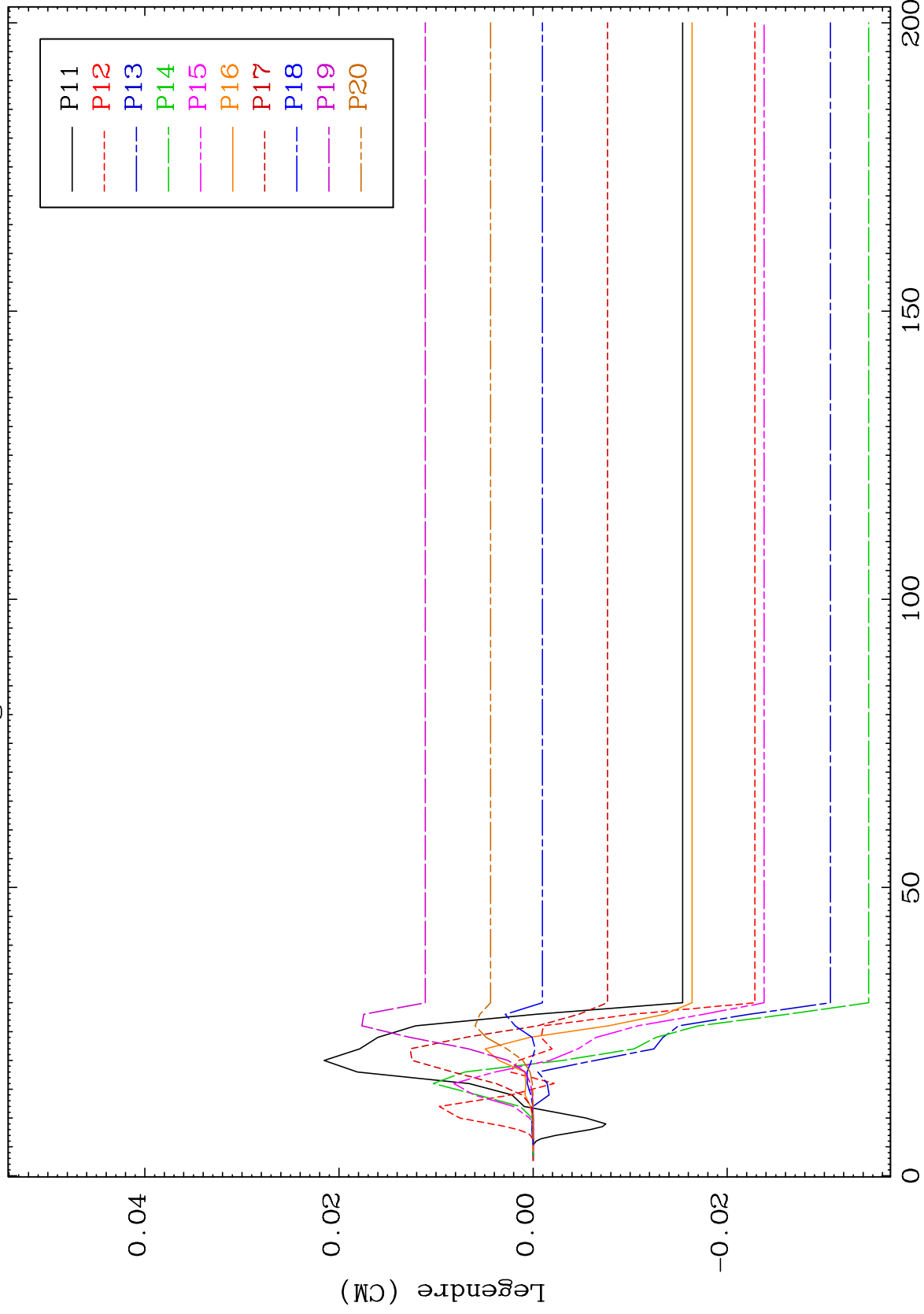
Incident Energy (MeV)

43

MAT 8219

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

82-Pb-202



44

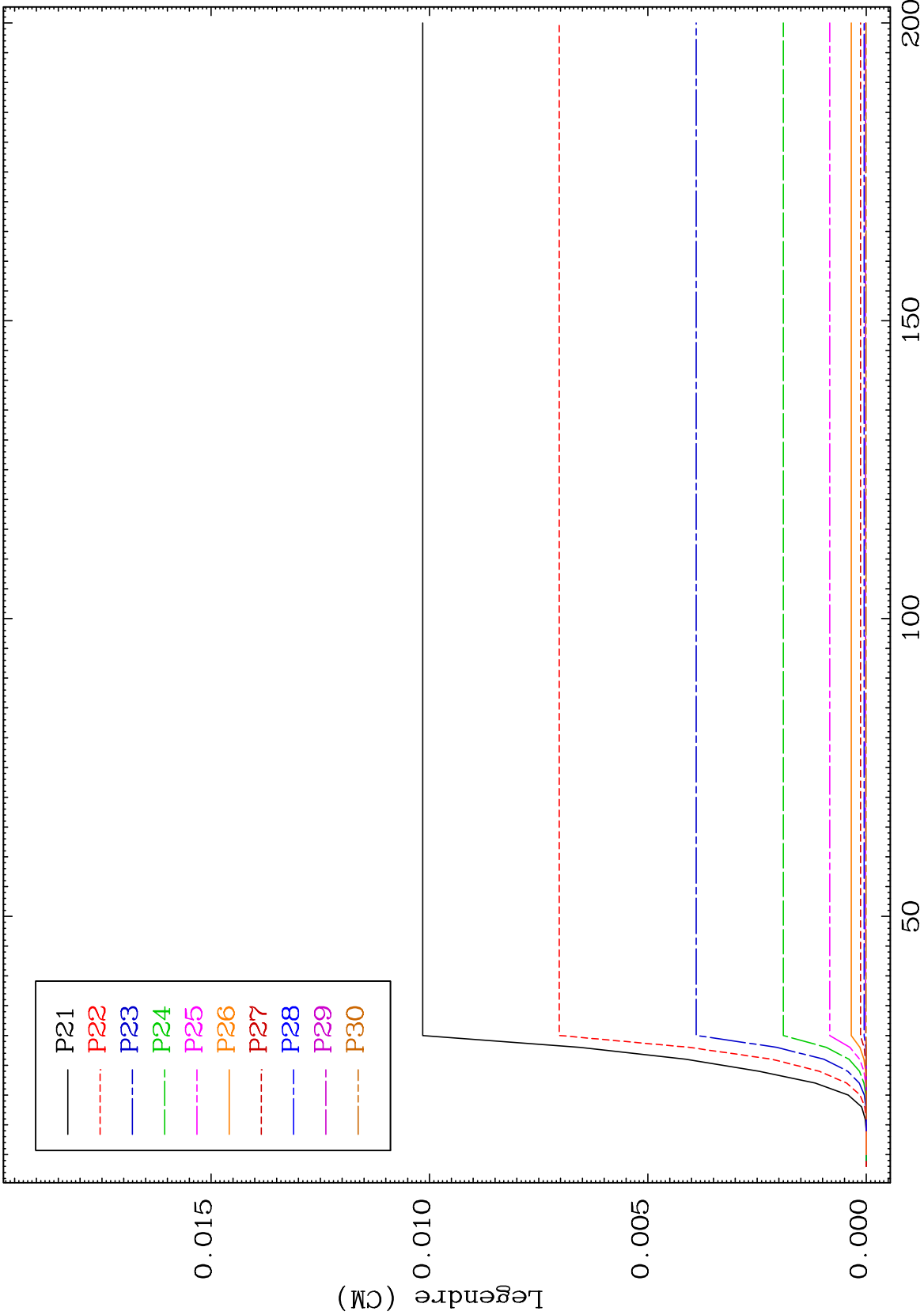
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



45

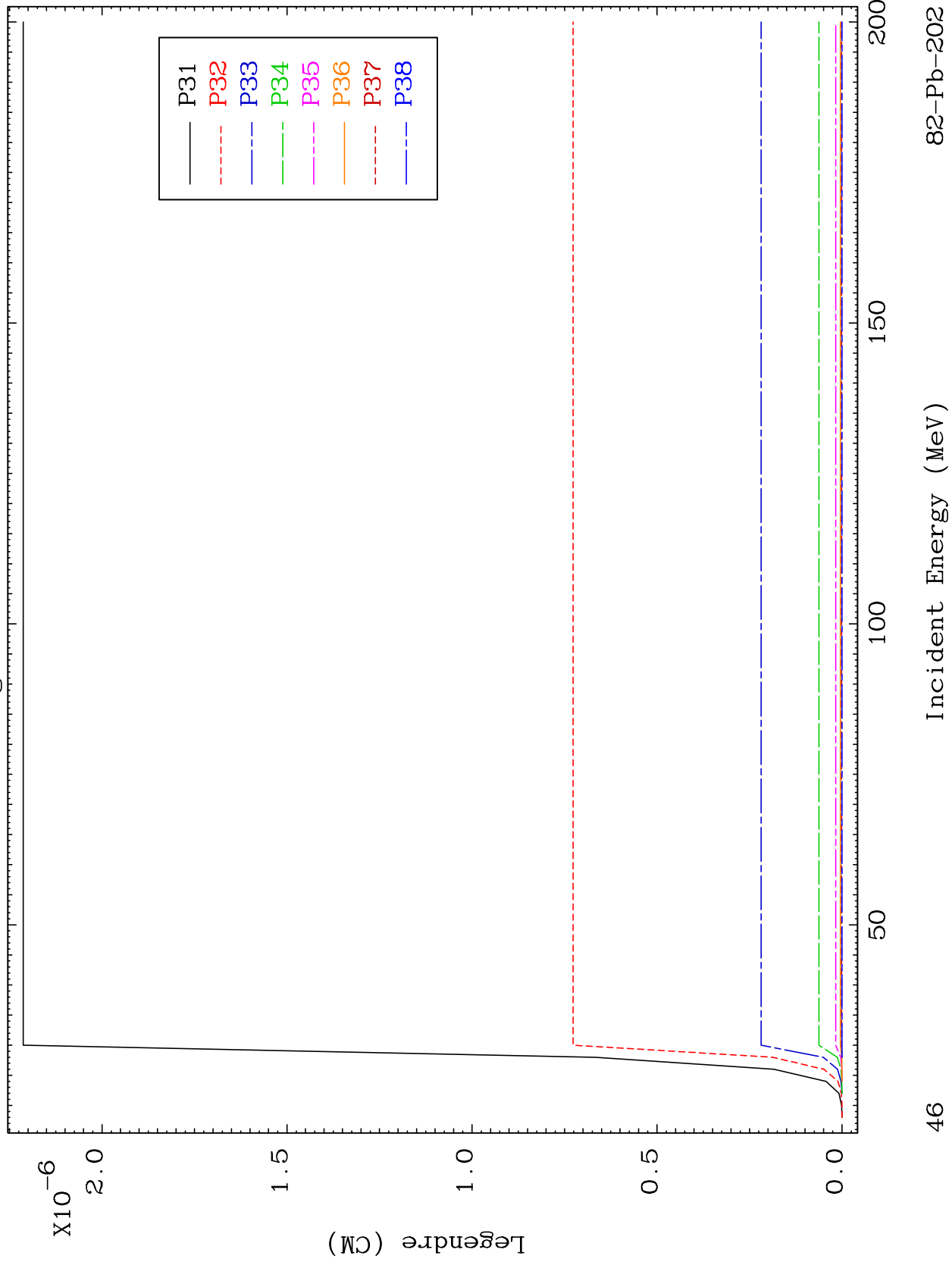
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



46

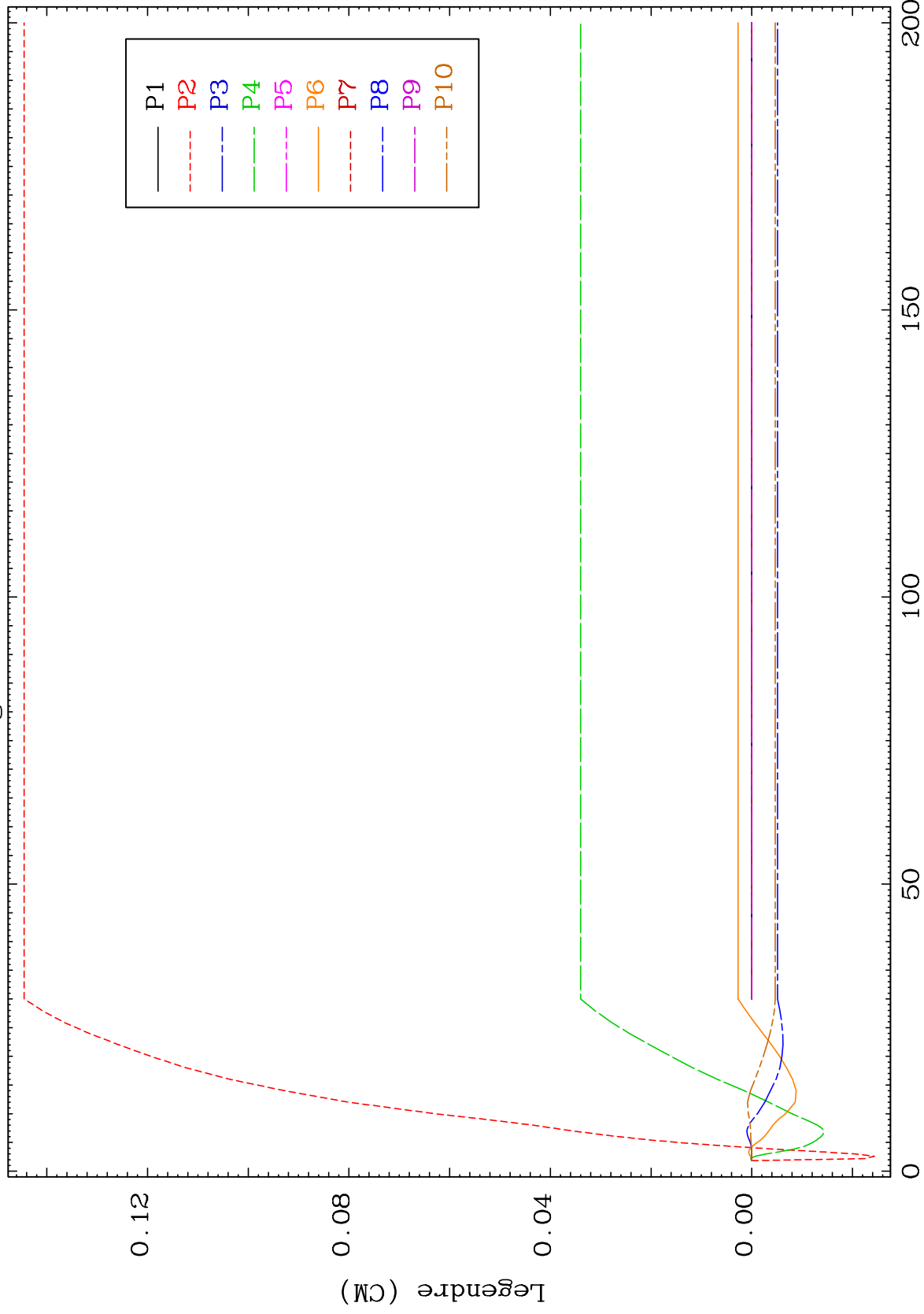
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



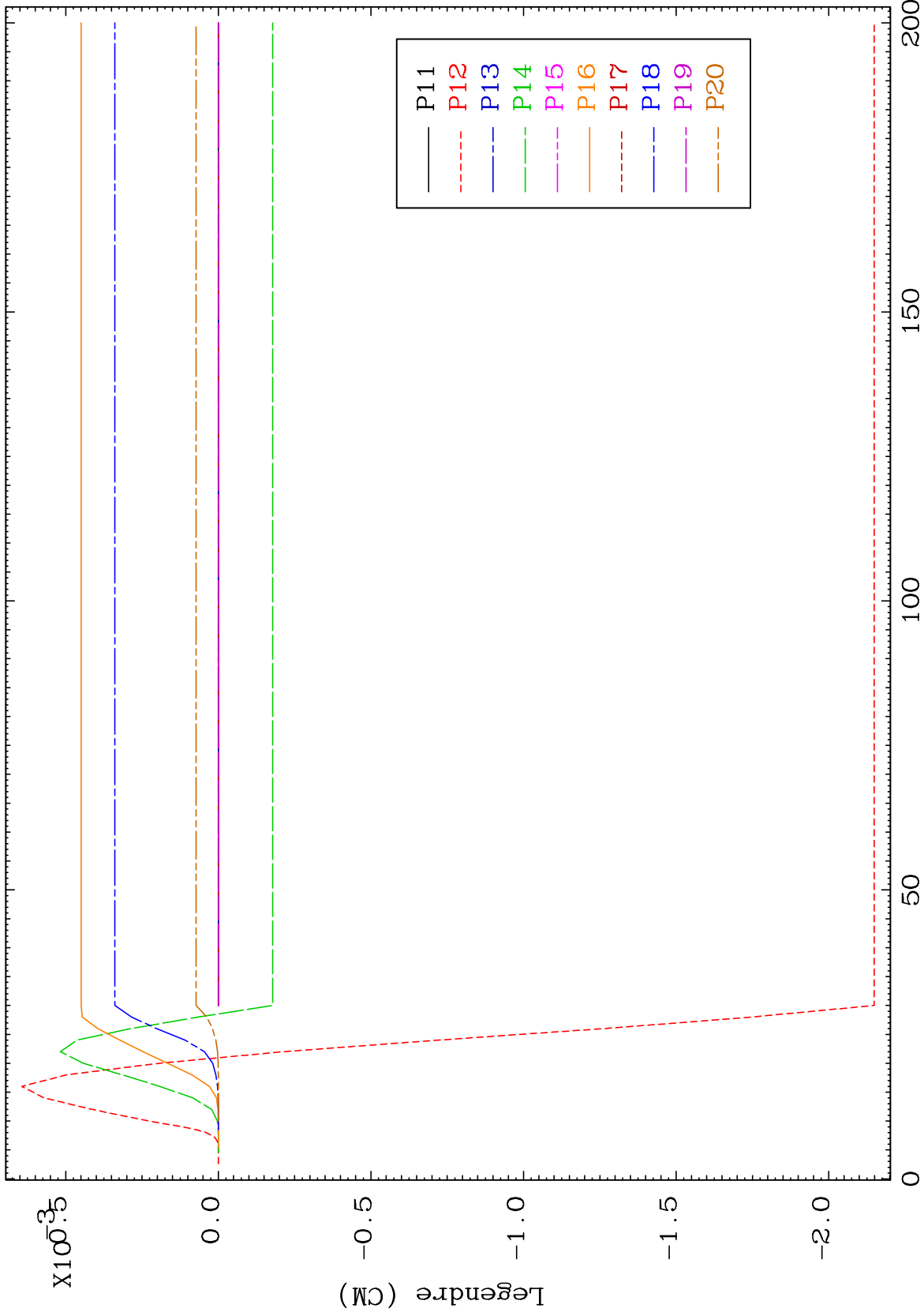
47

82-Pb-202

MAT 8219

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

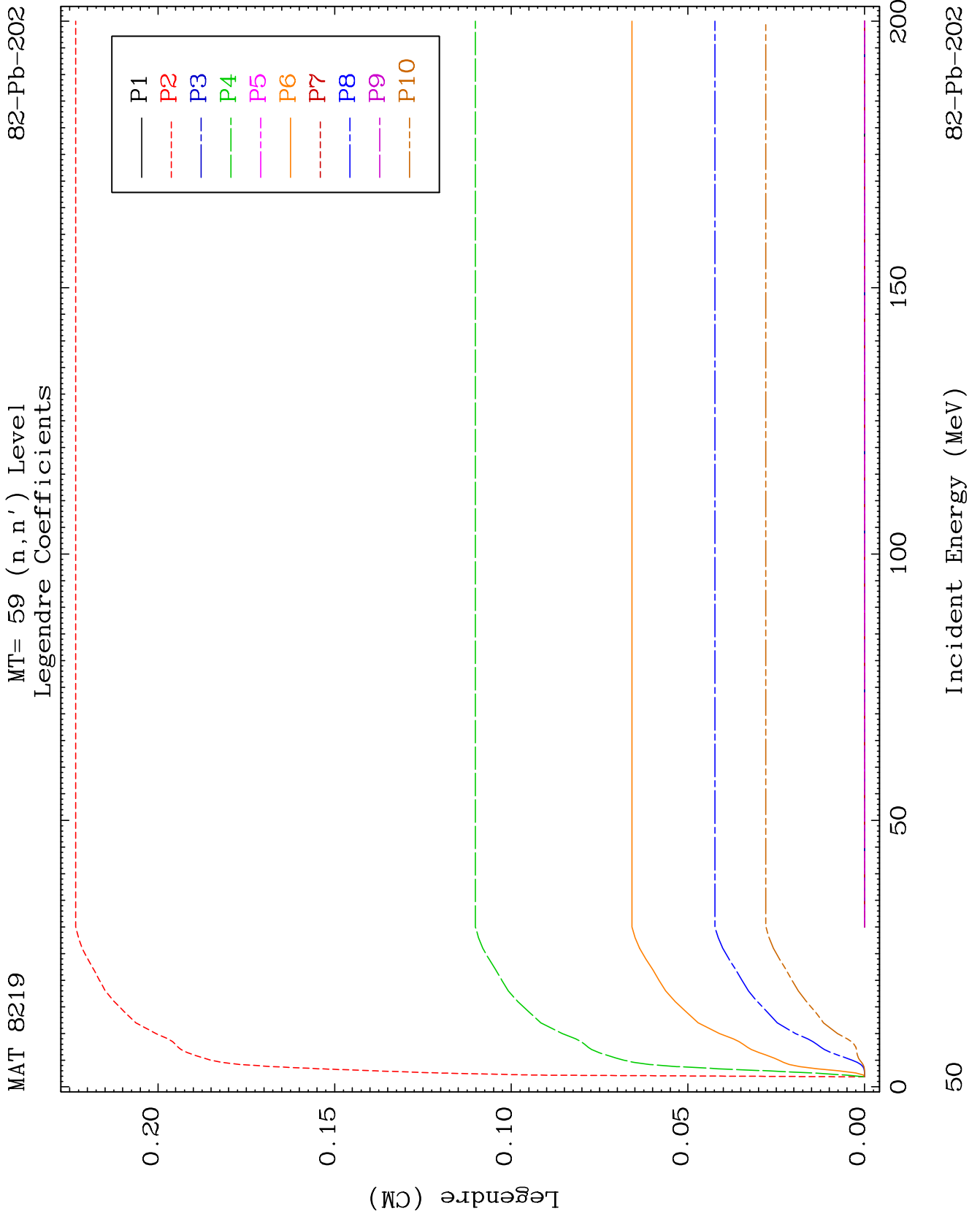
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48

Incident Energy (MeV)

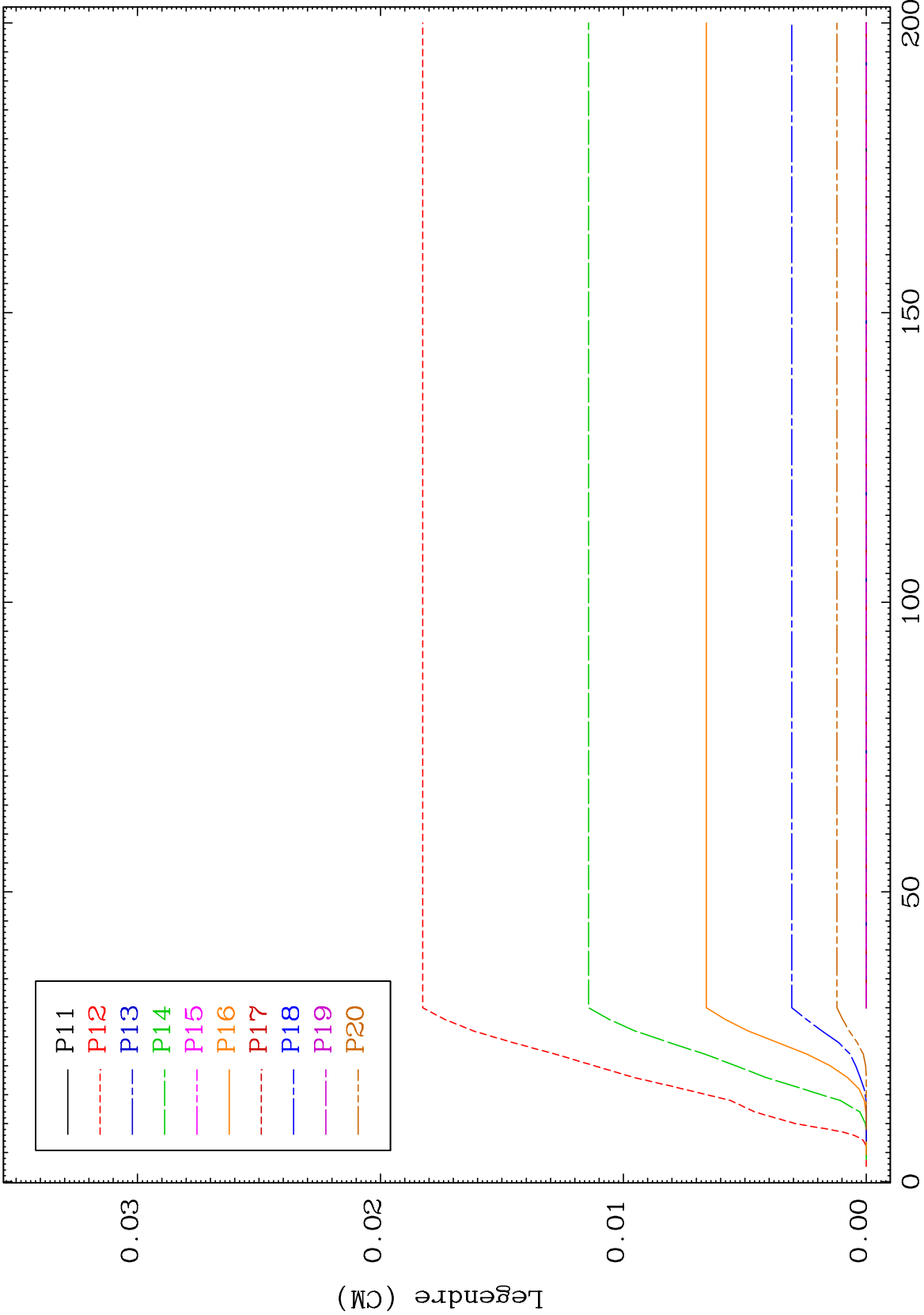
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MAT 8219

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

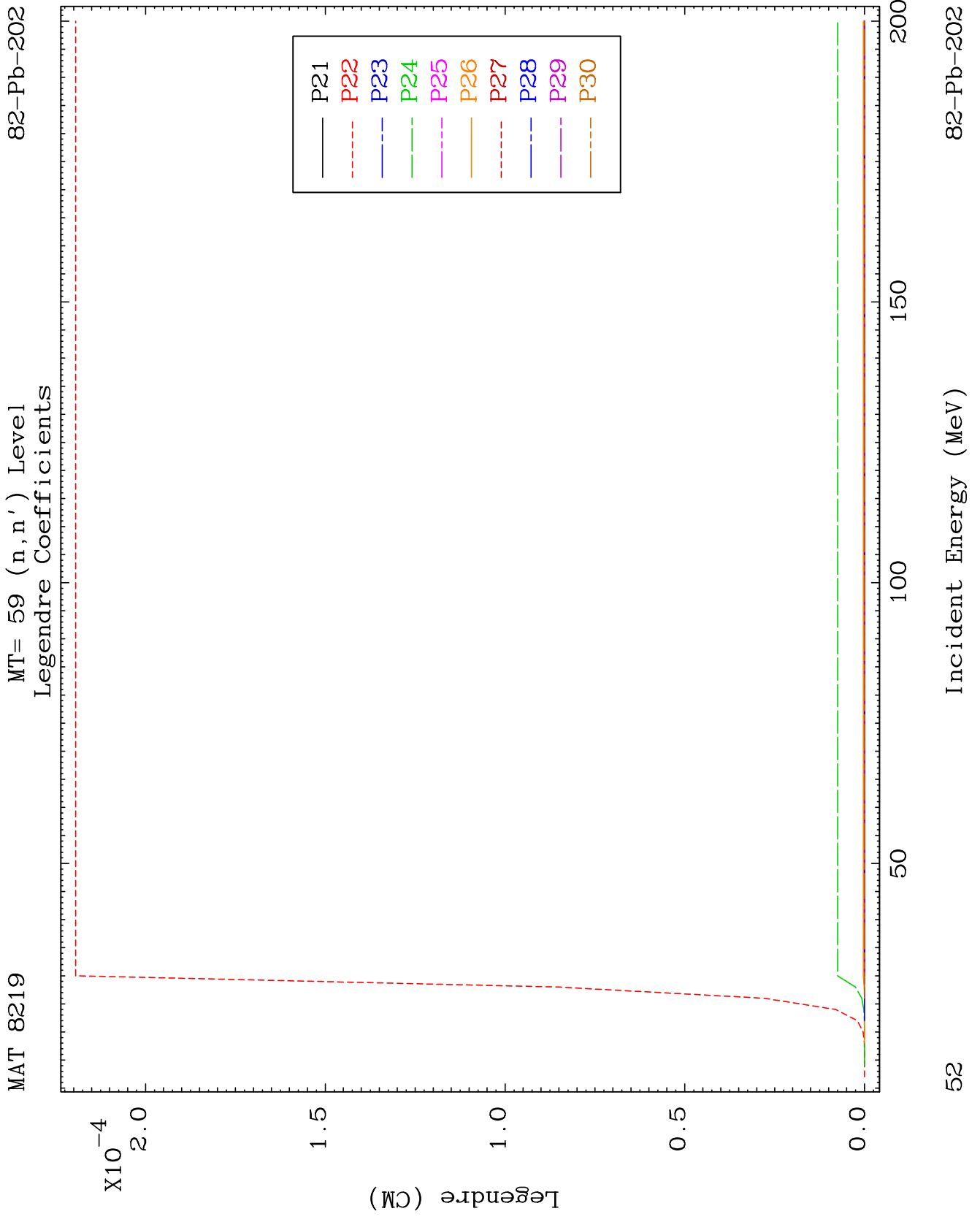
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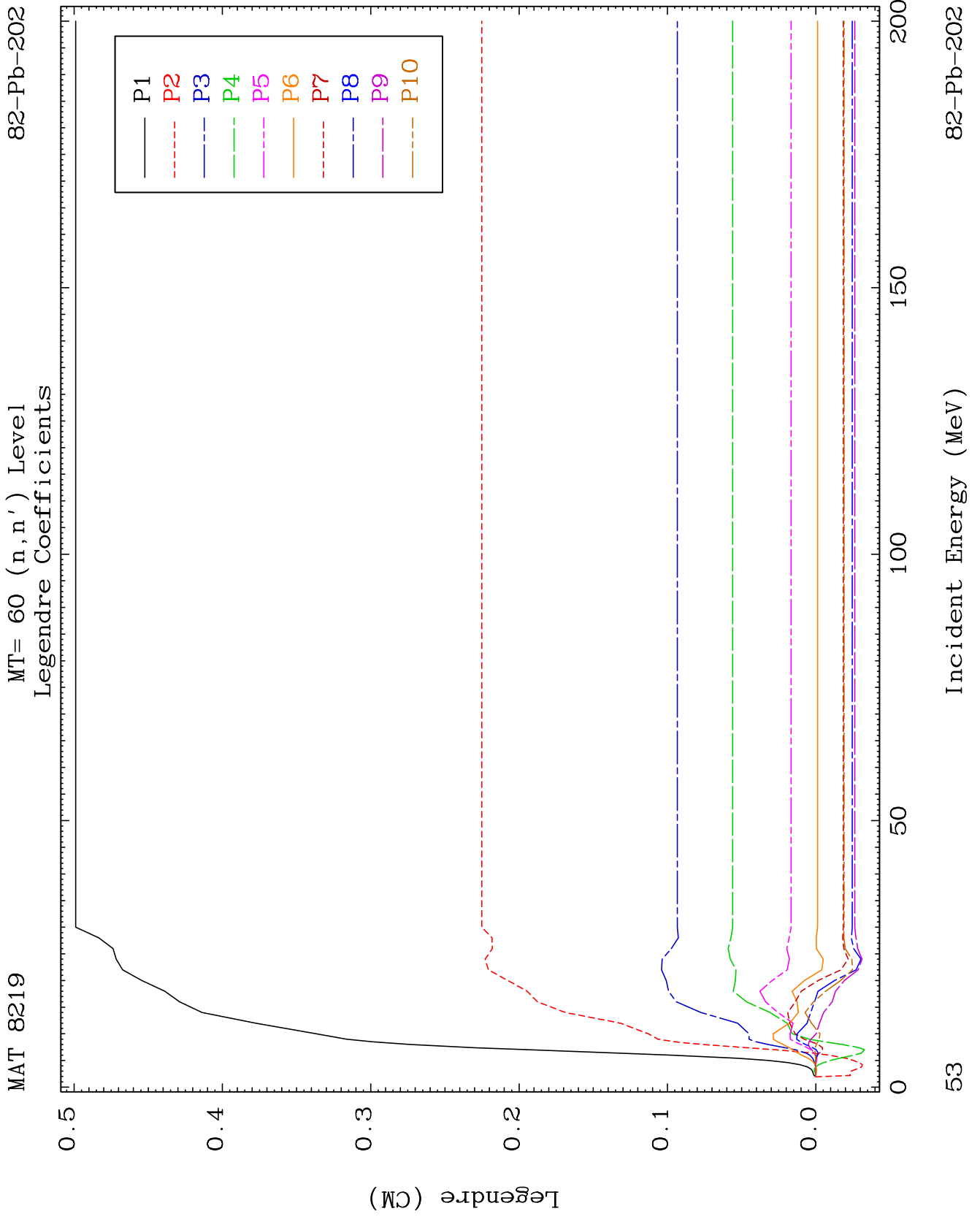


51

Incident Energy (MeV)

82-Pb-202

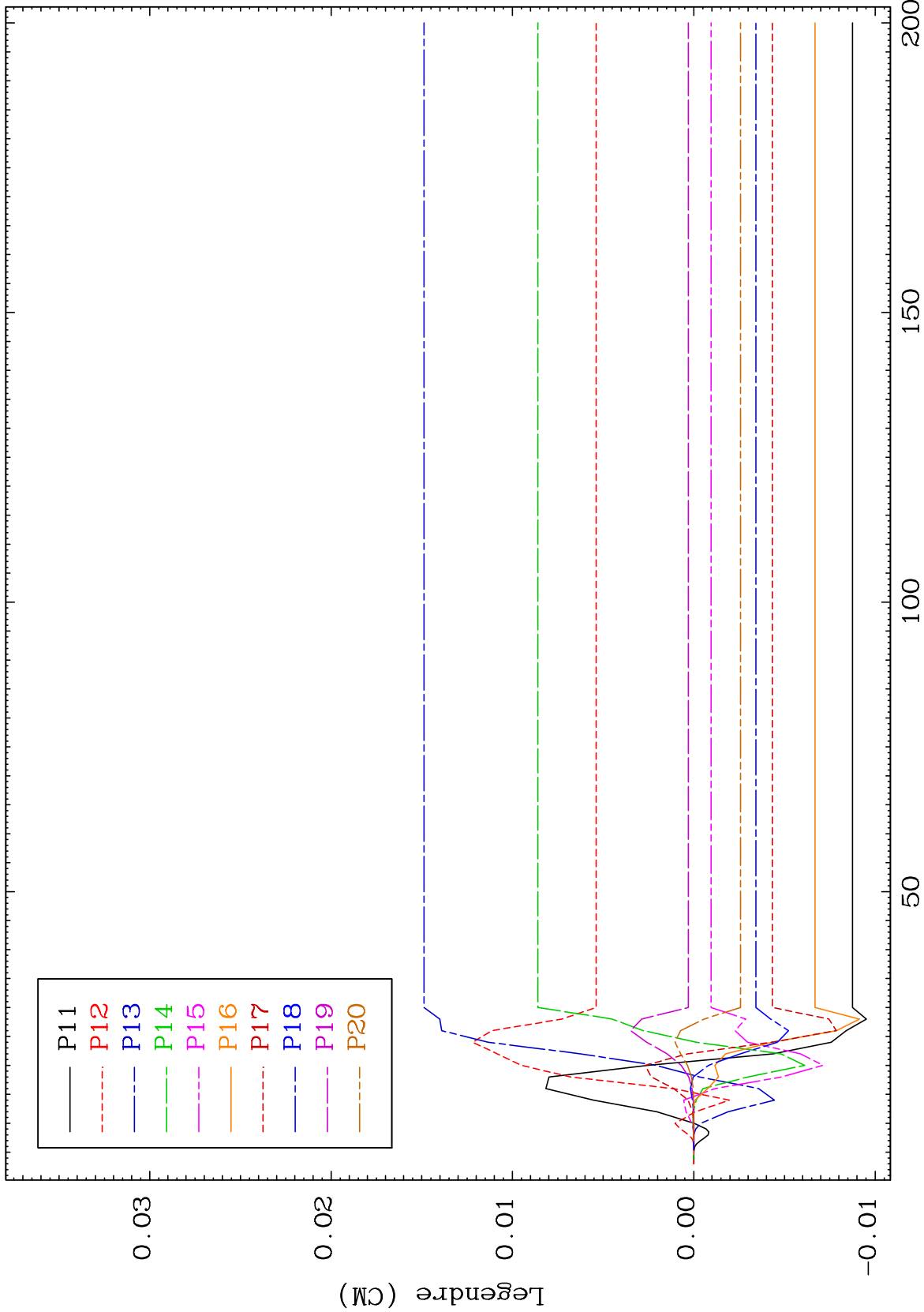




MAT 8219

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

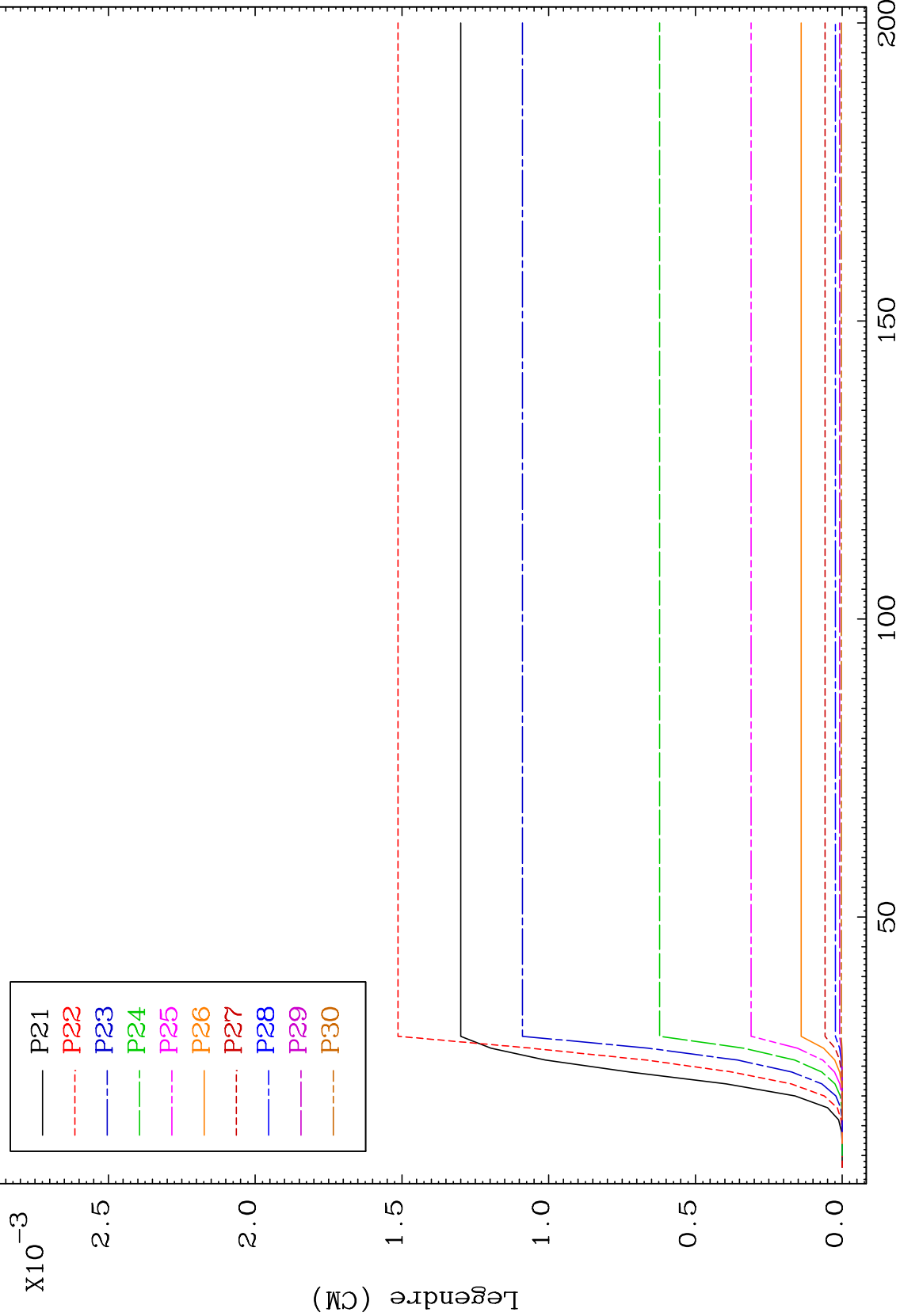
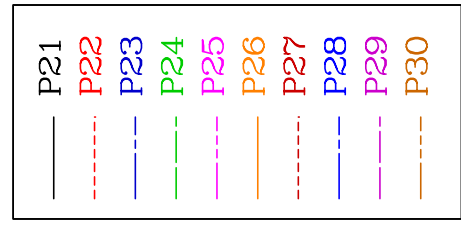
82-Pb-202



MAT 8219

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

82-Pb-202



55

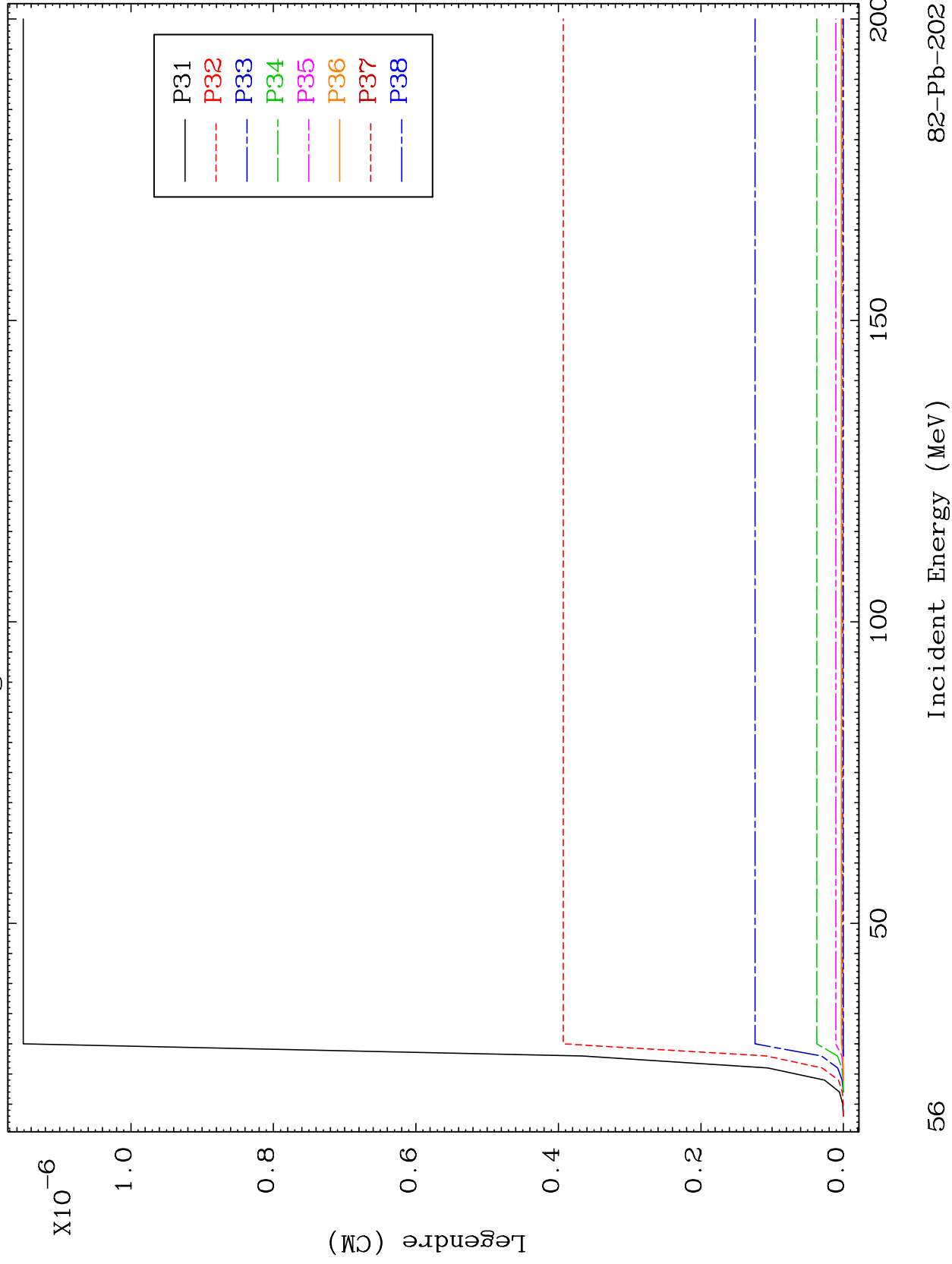
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

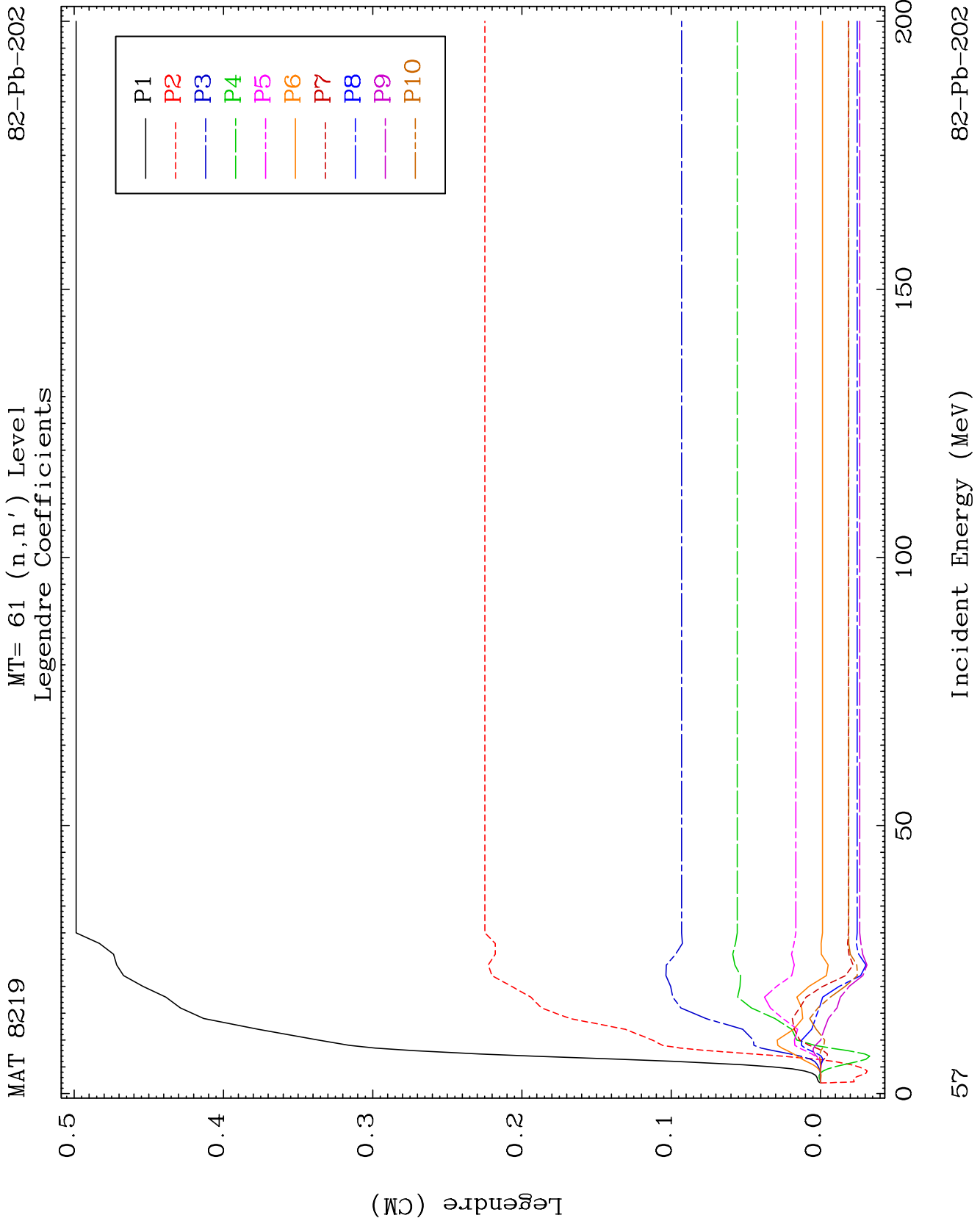
82-Pb-202



56

Incident Energy (MeV)

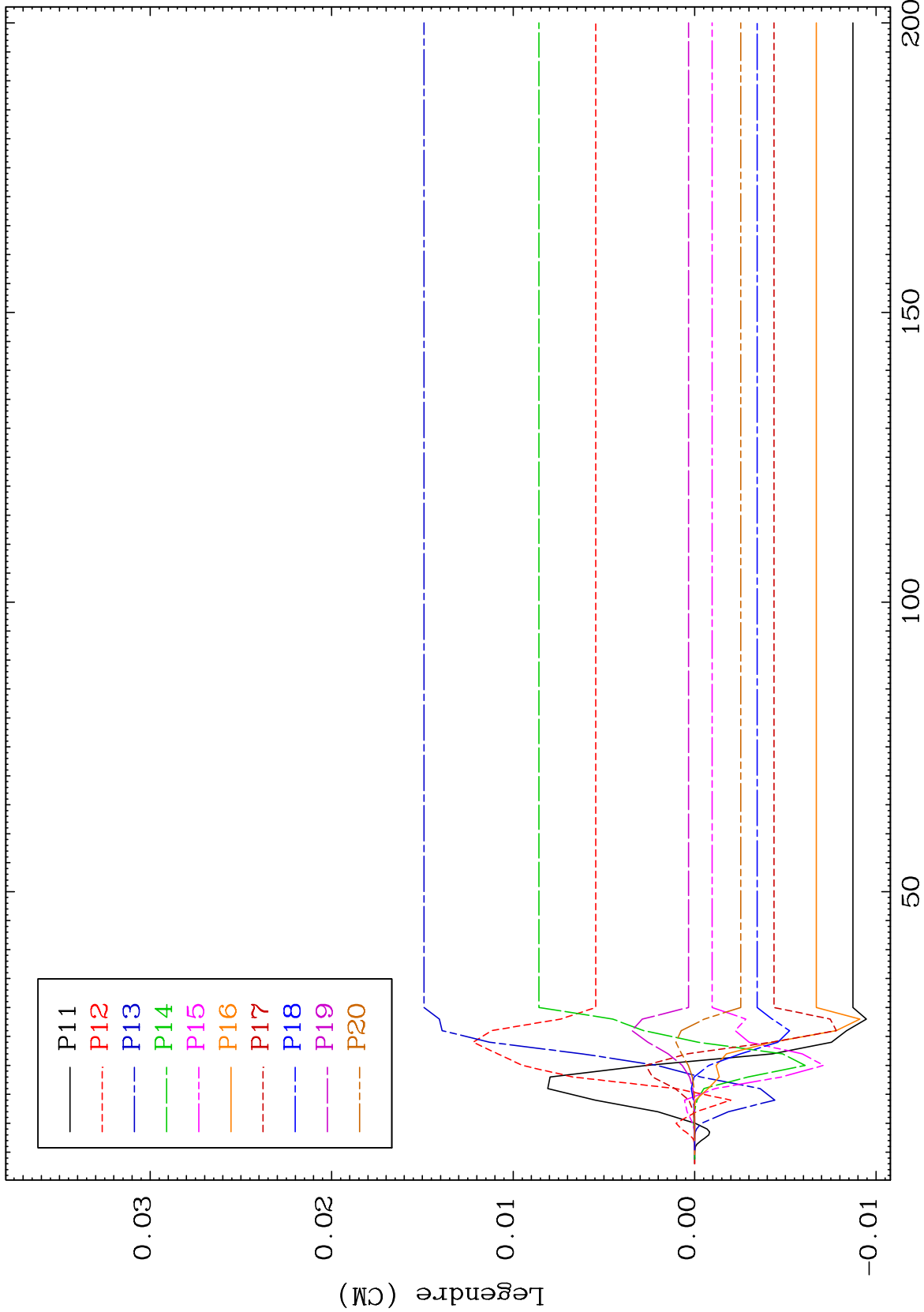
82-Pb-202



MAT 8219

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

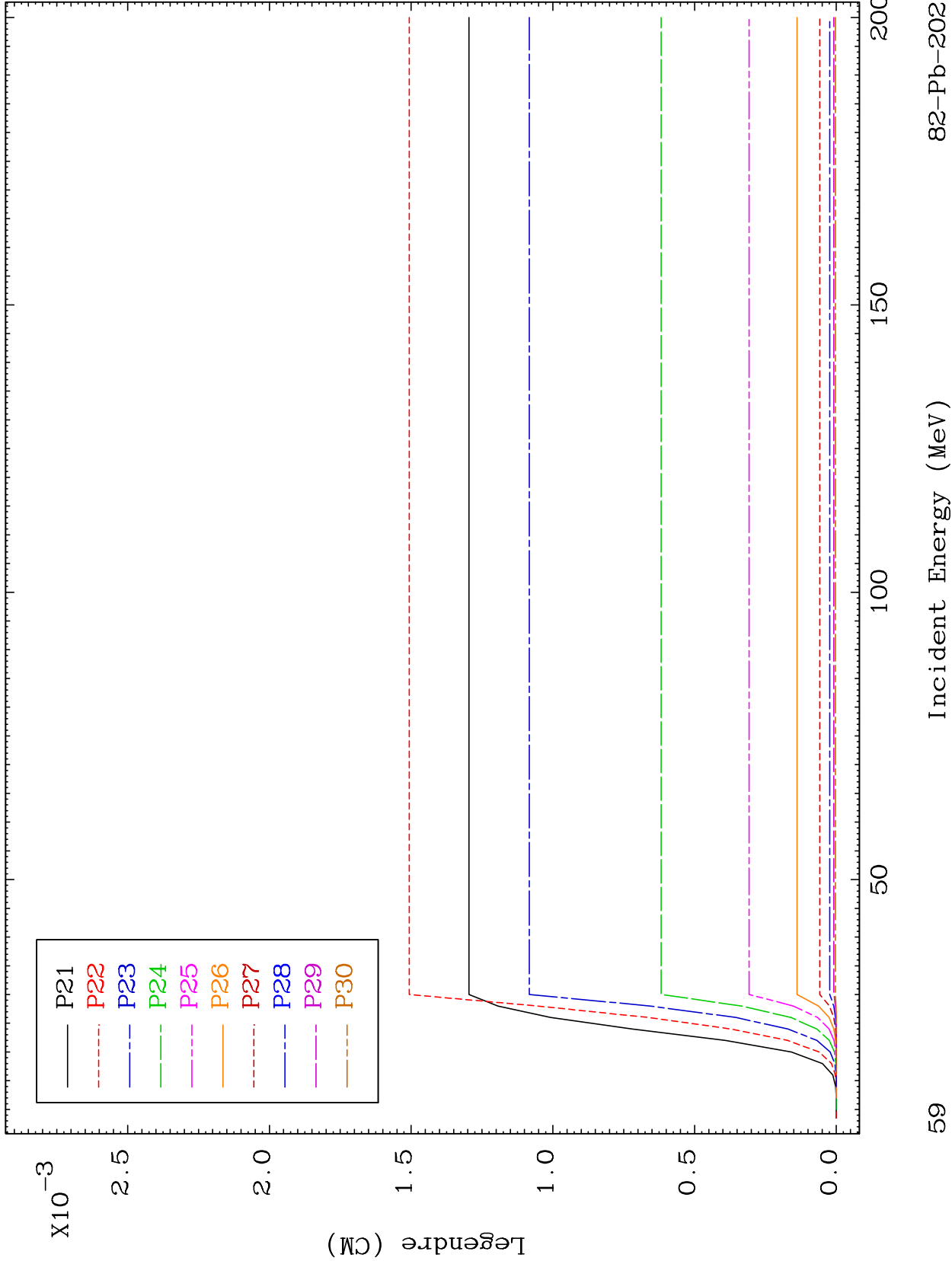
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58

Incident Energy (MeV)

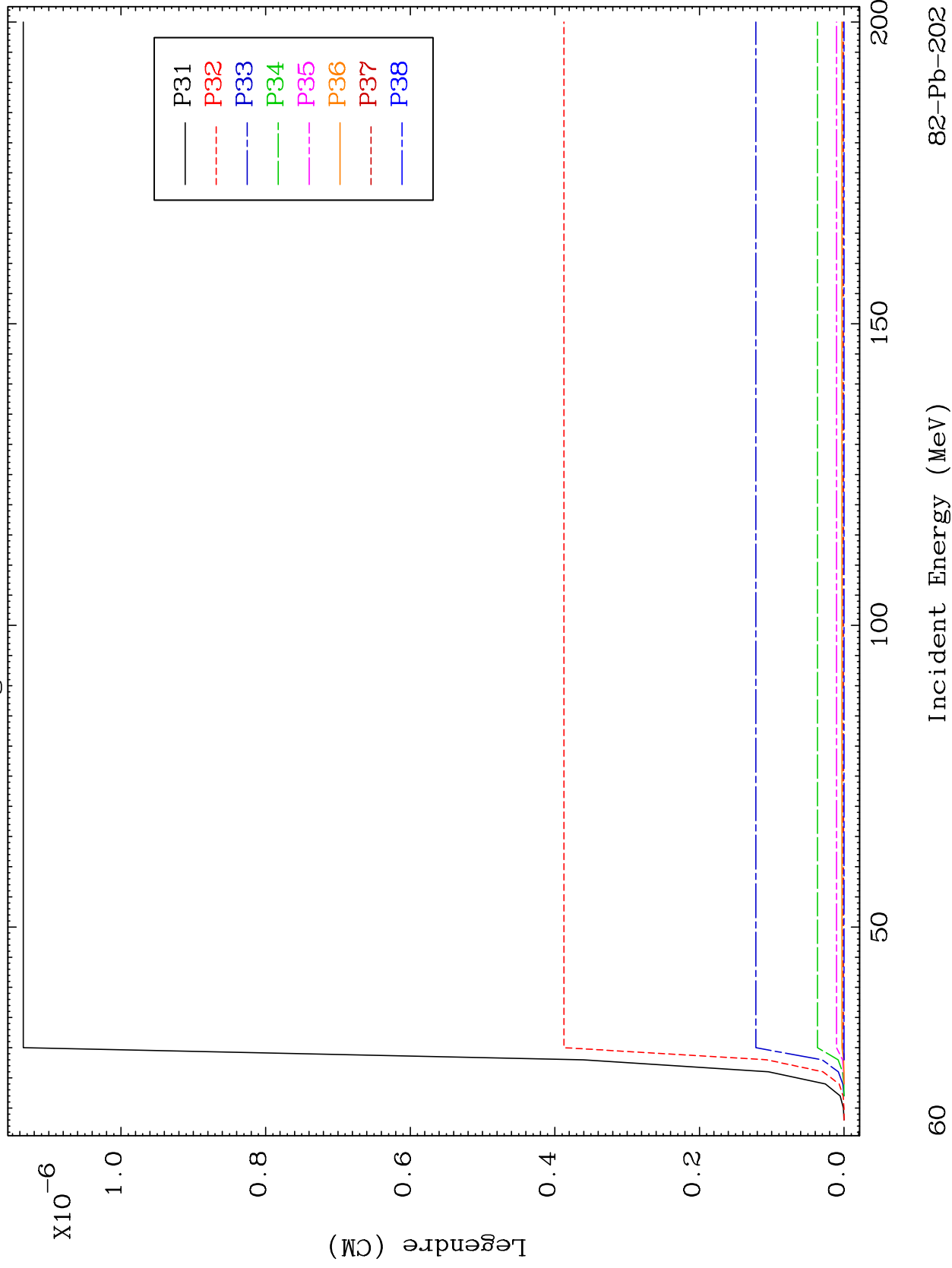
82-Pb-202



MAT 8219

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

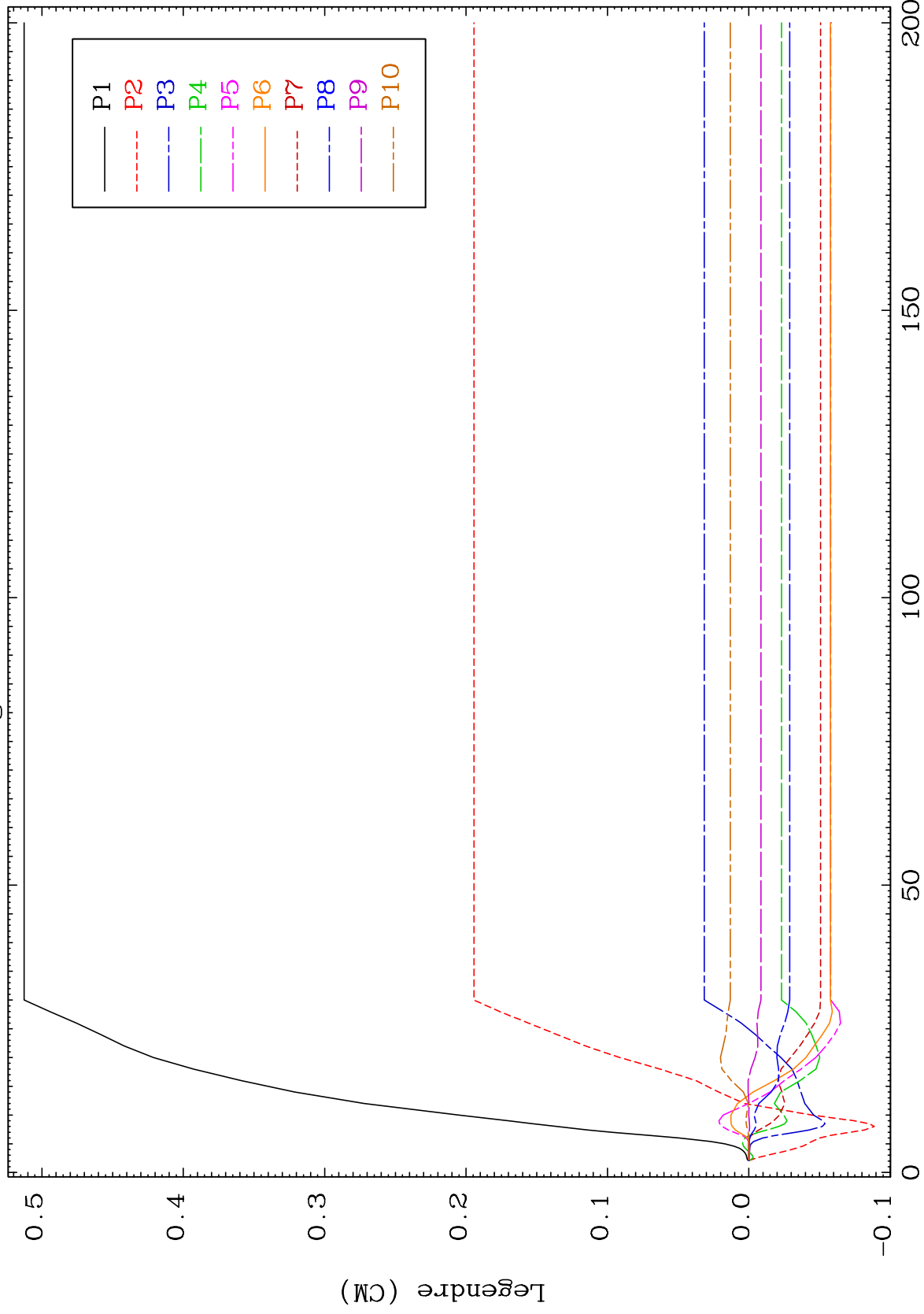
82-Pb-202



MAT 8219

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

82-Pb-202



61

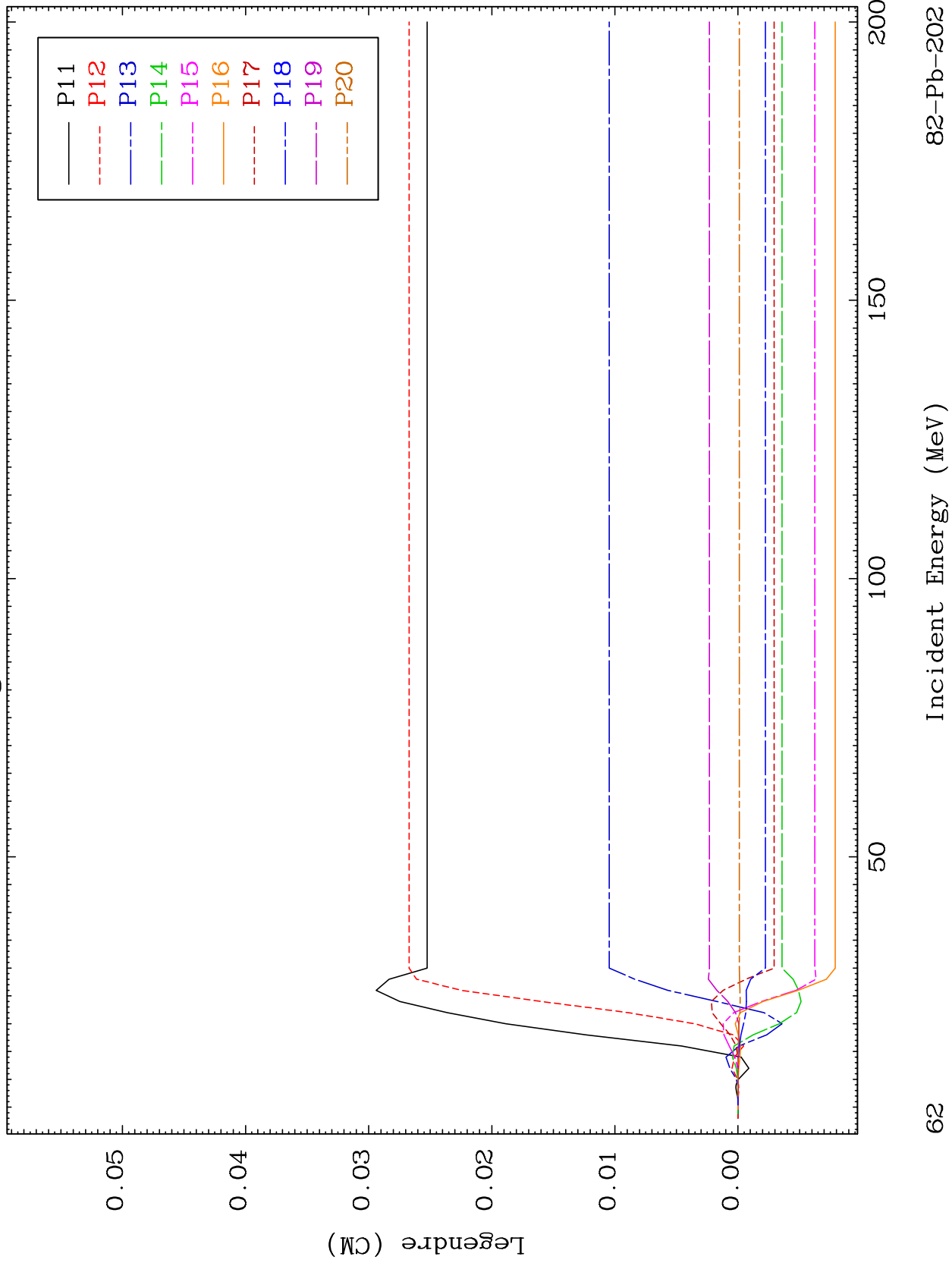
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



62

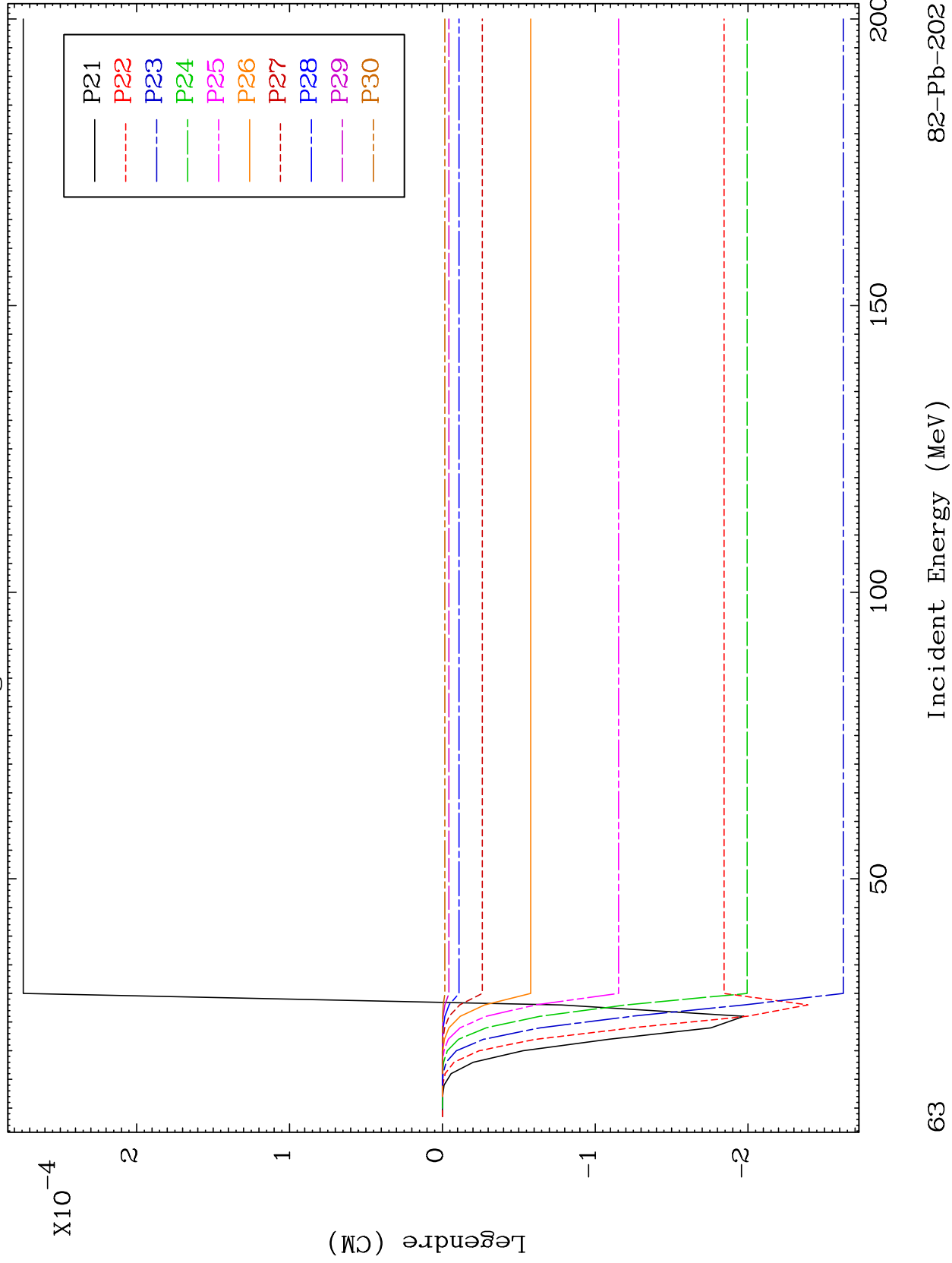
Incident Energy (MeV)

82-Pb-202

MAT 8219

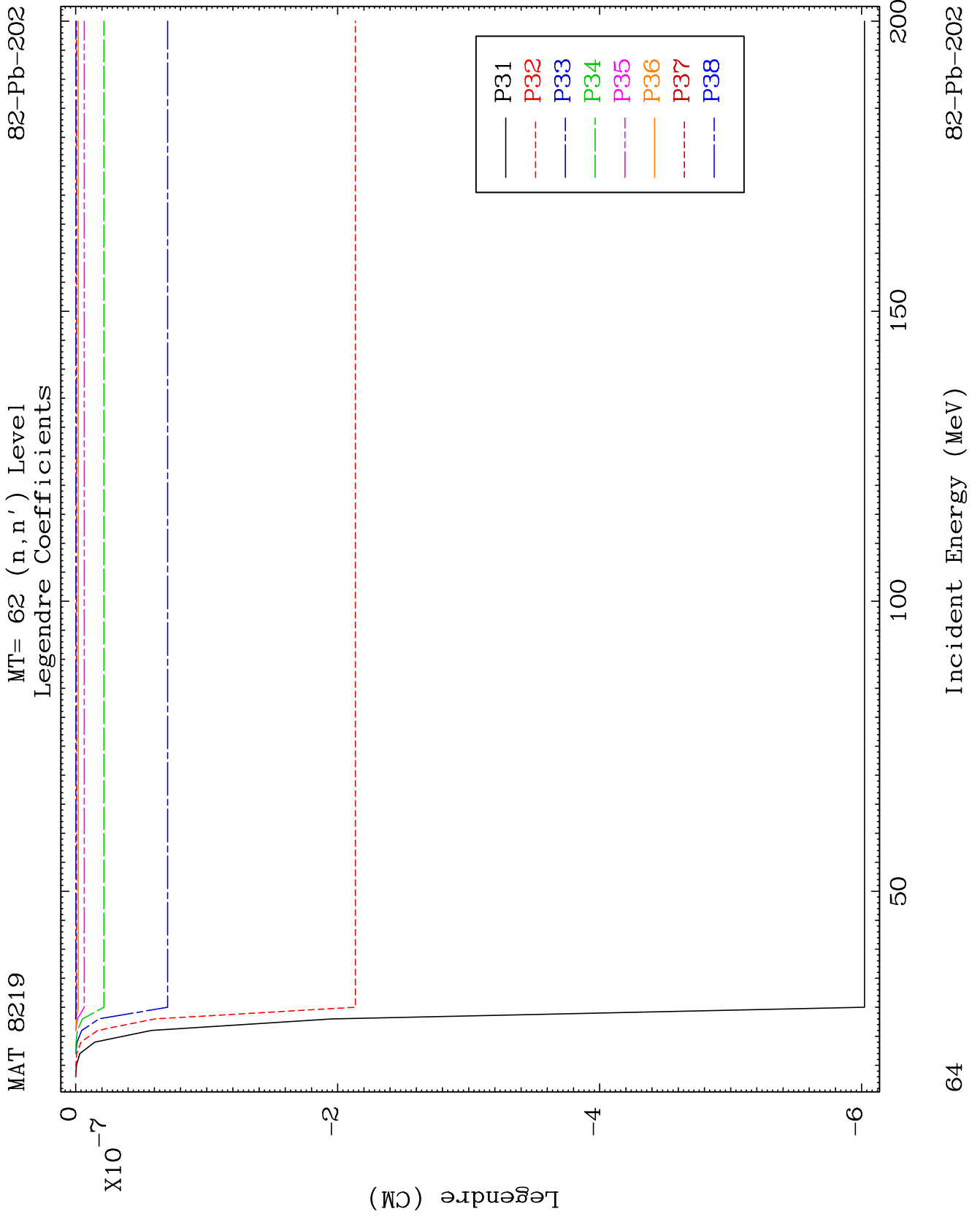
MT= 62 (n,n') Level
Legendre Coefficients

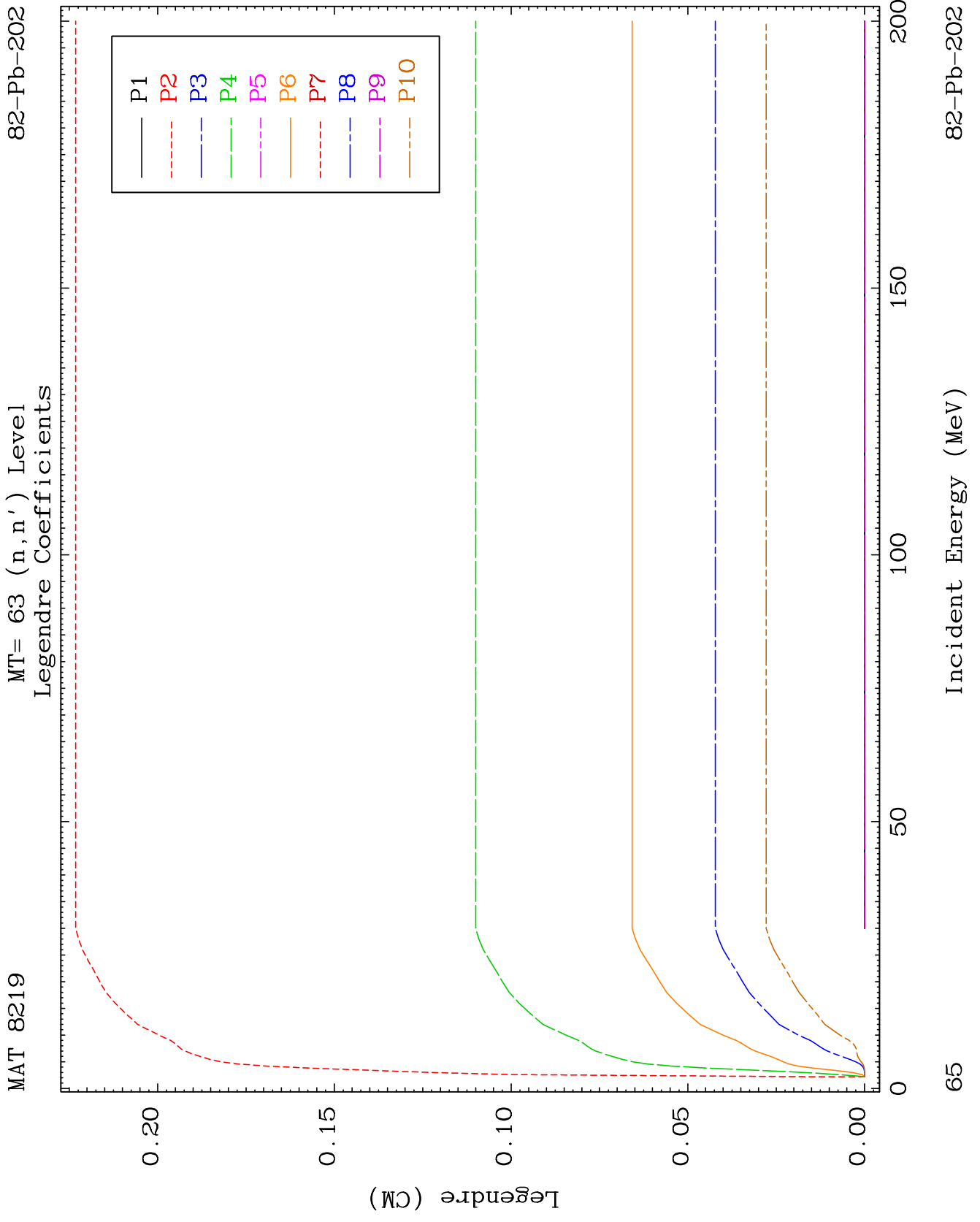
82-Pb-202



63

82-Pb-202

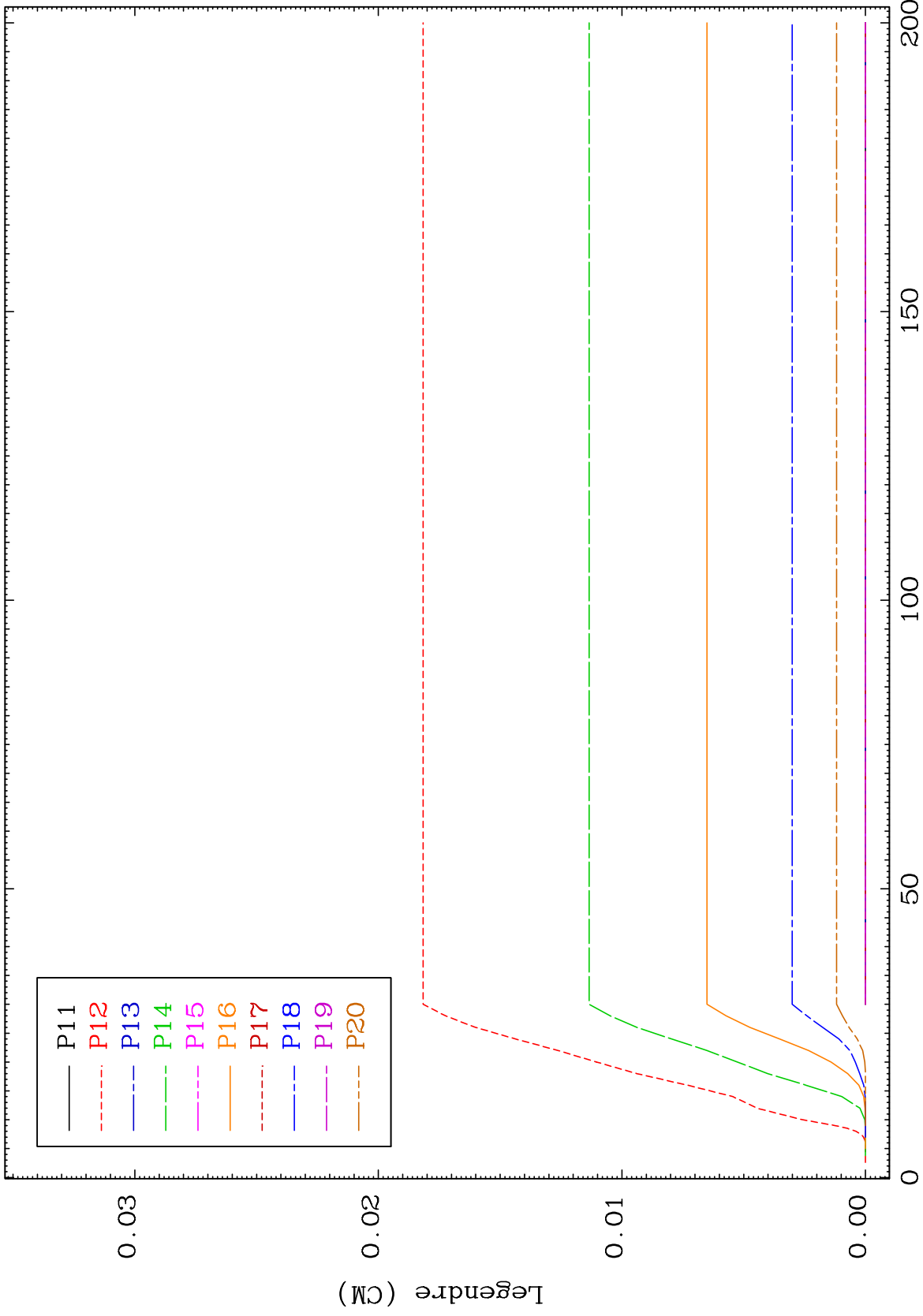




MAT 8219

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

82-Pb-202



66

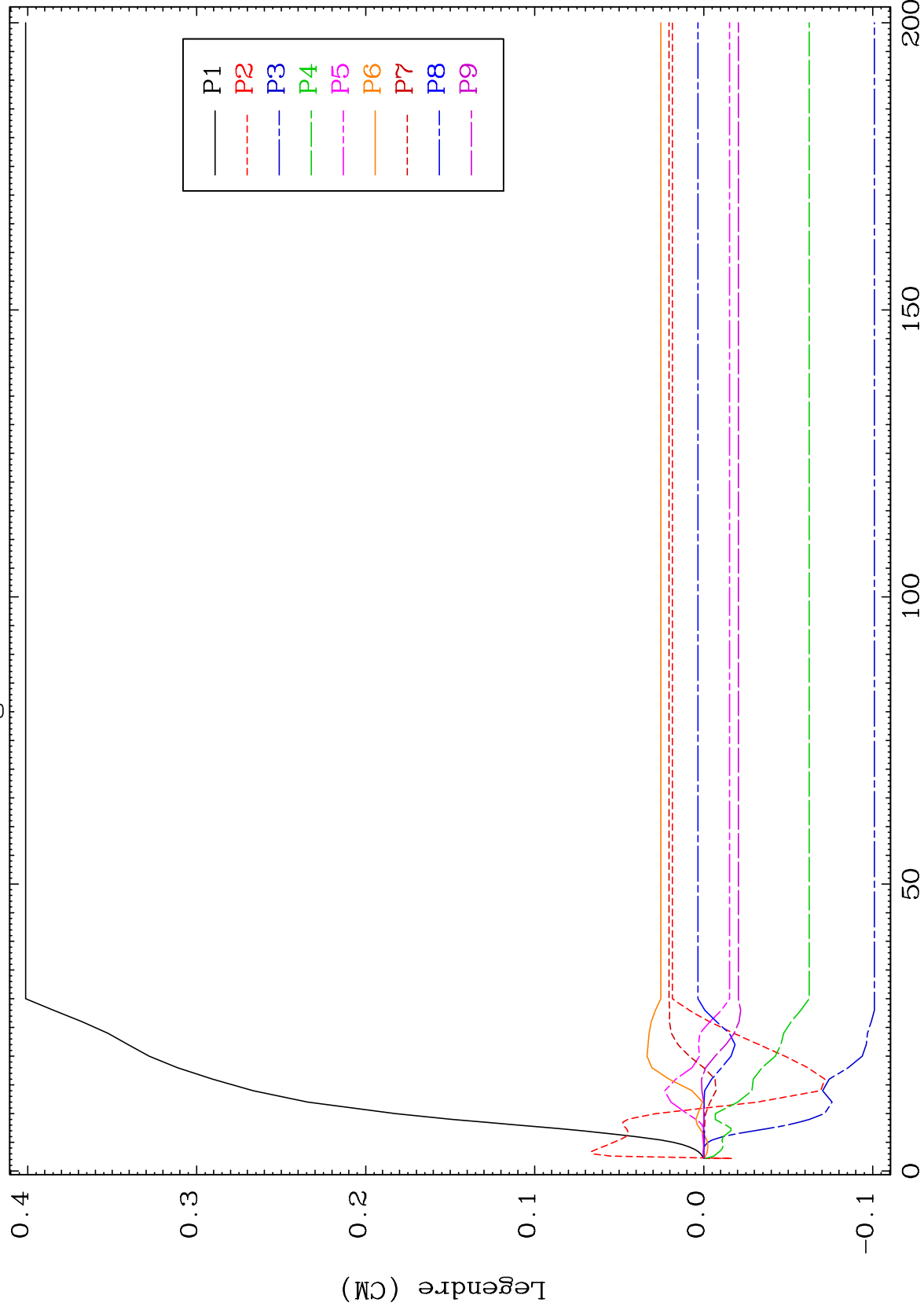
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



68

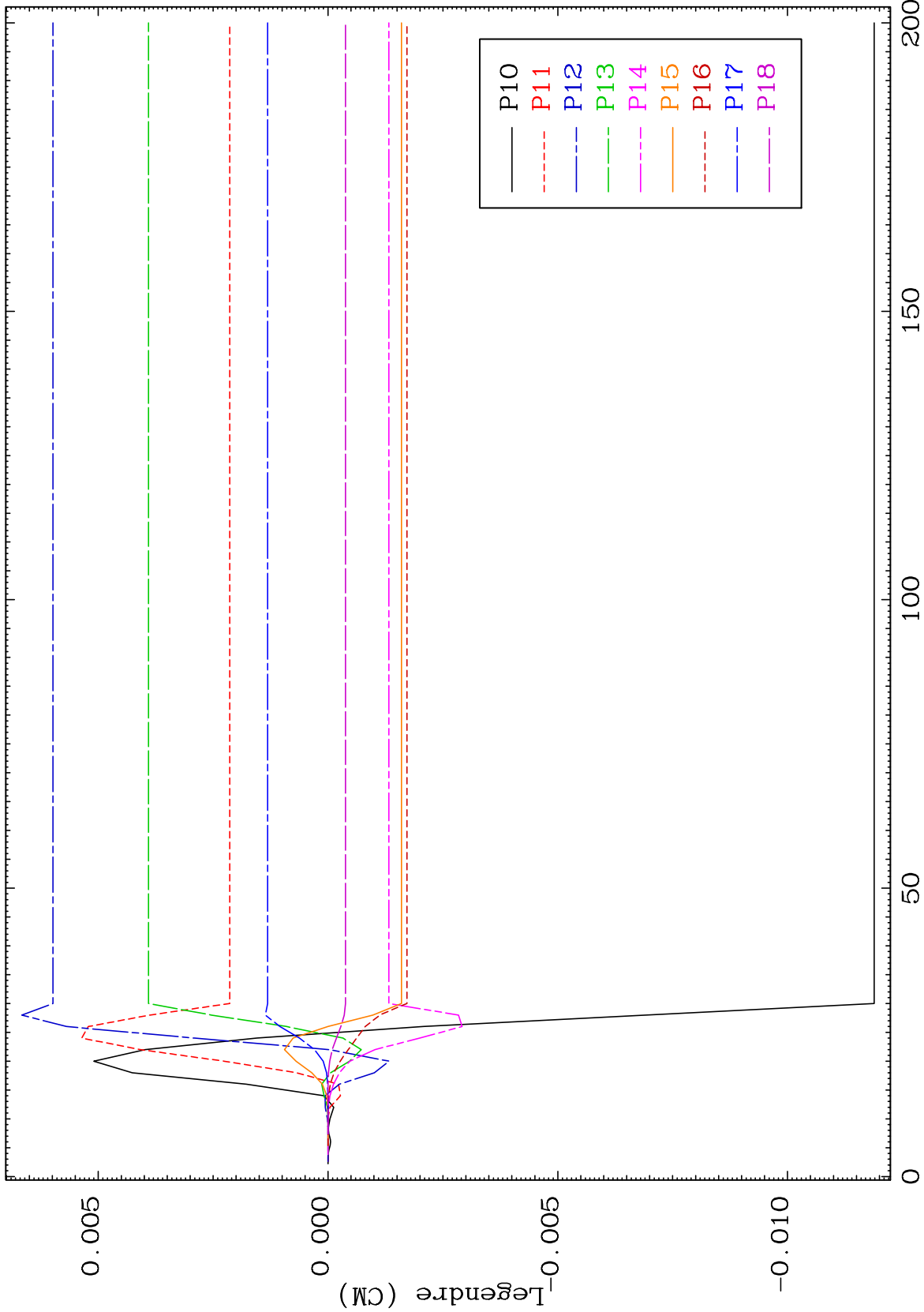
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



69

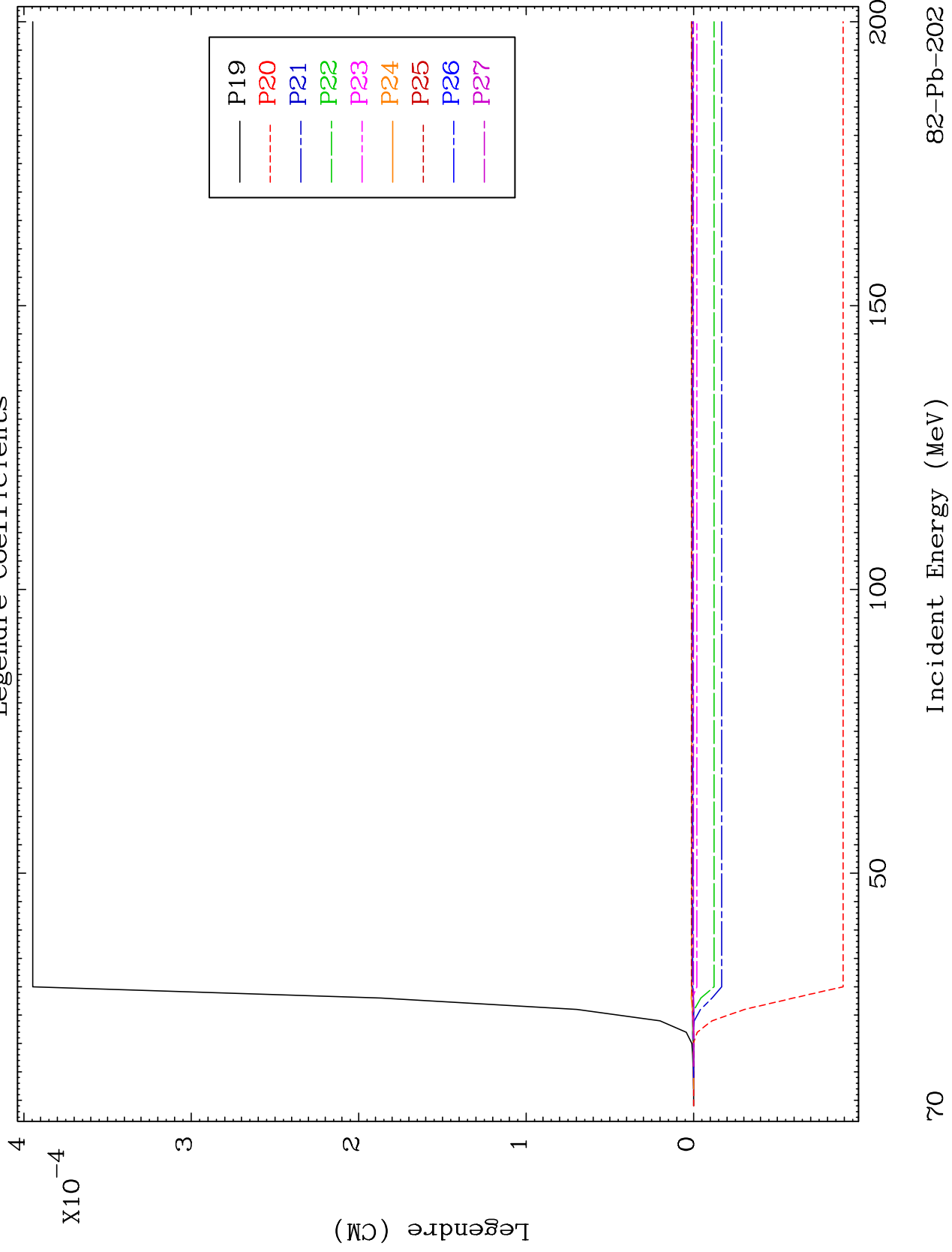
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

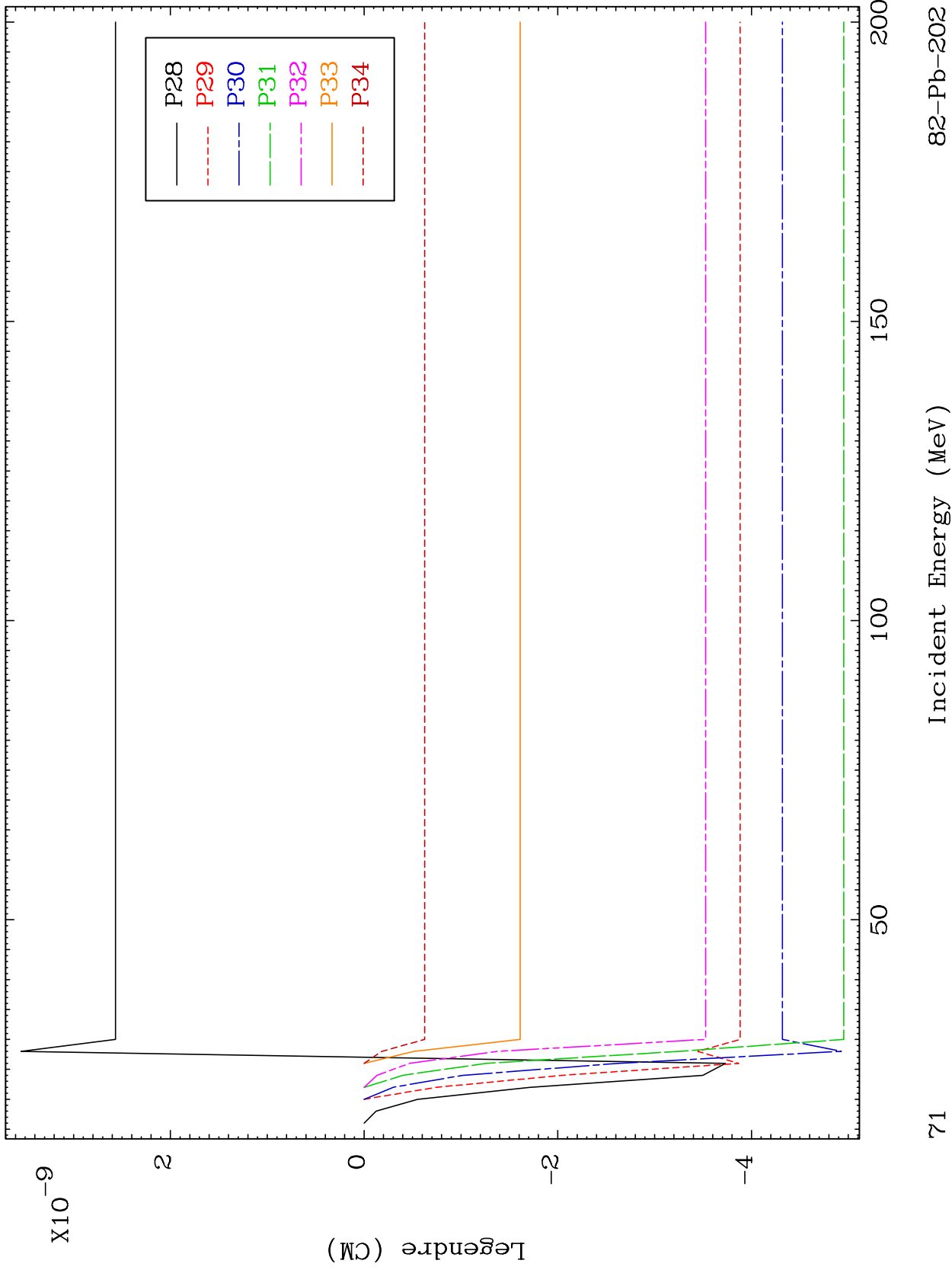
82-Pb-202



MAT 8219

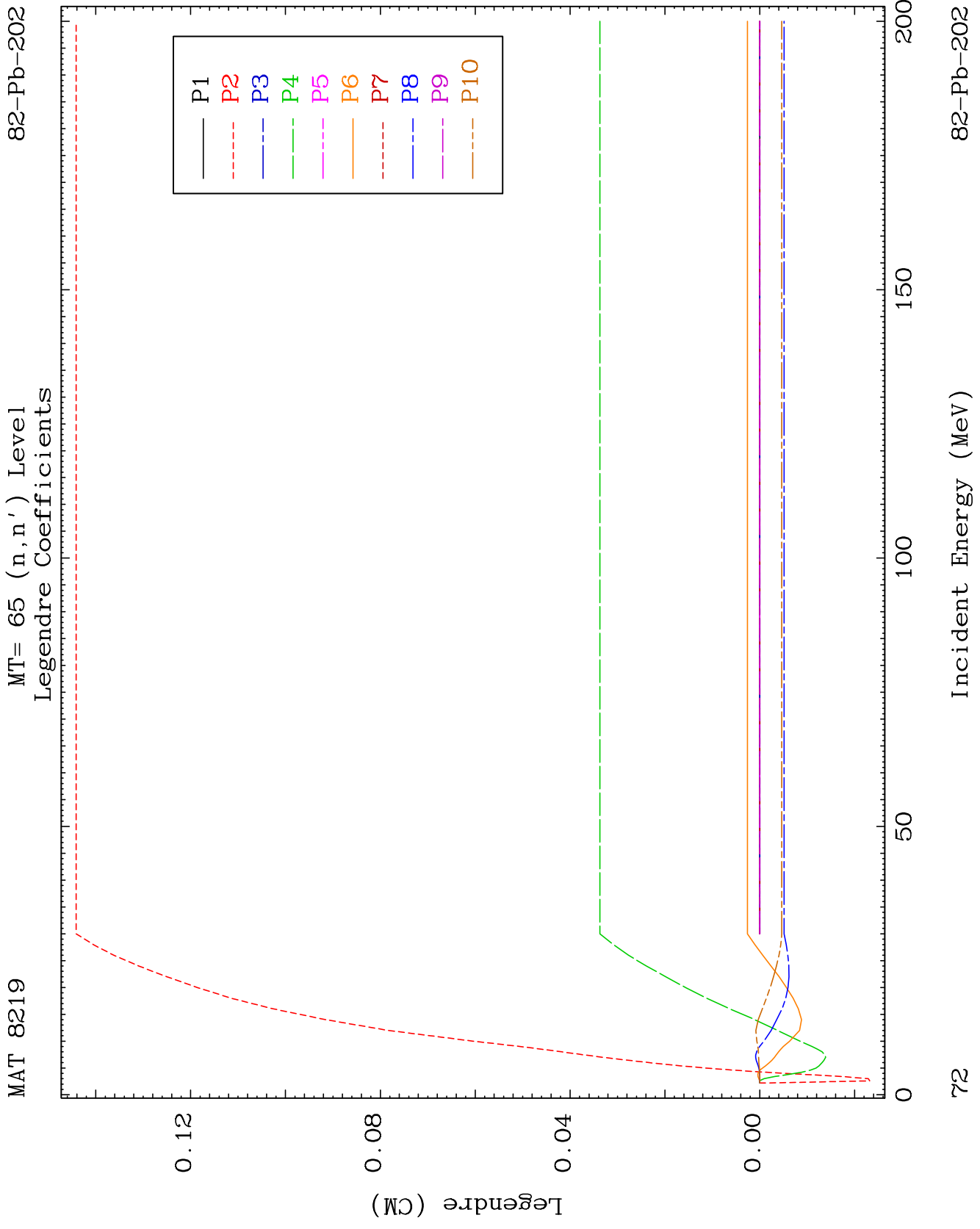
MT= 64 (n,n') Level
Legendre Coefficients

82-Pb-202



71

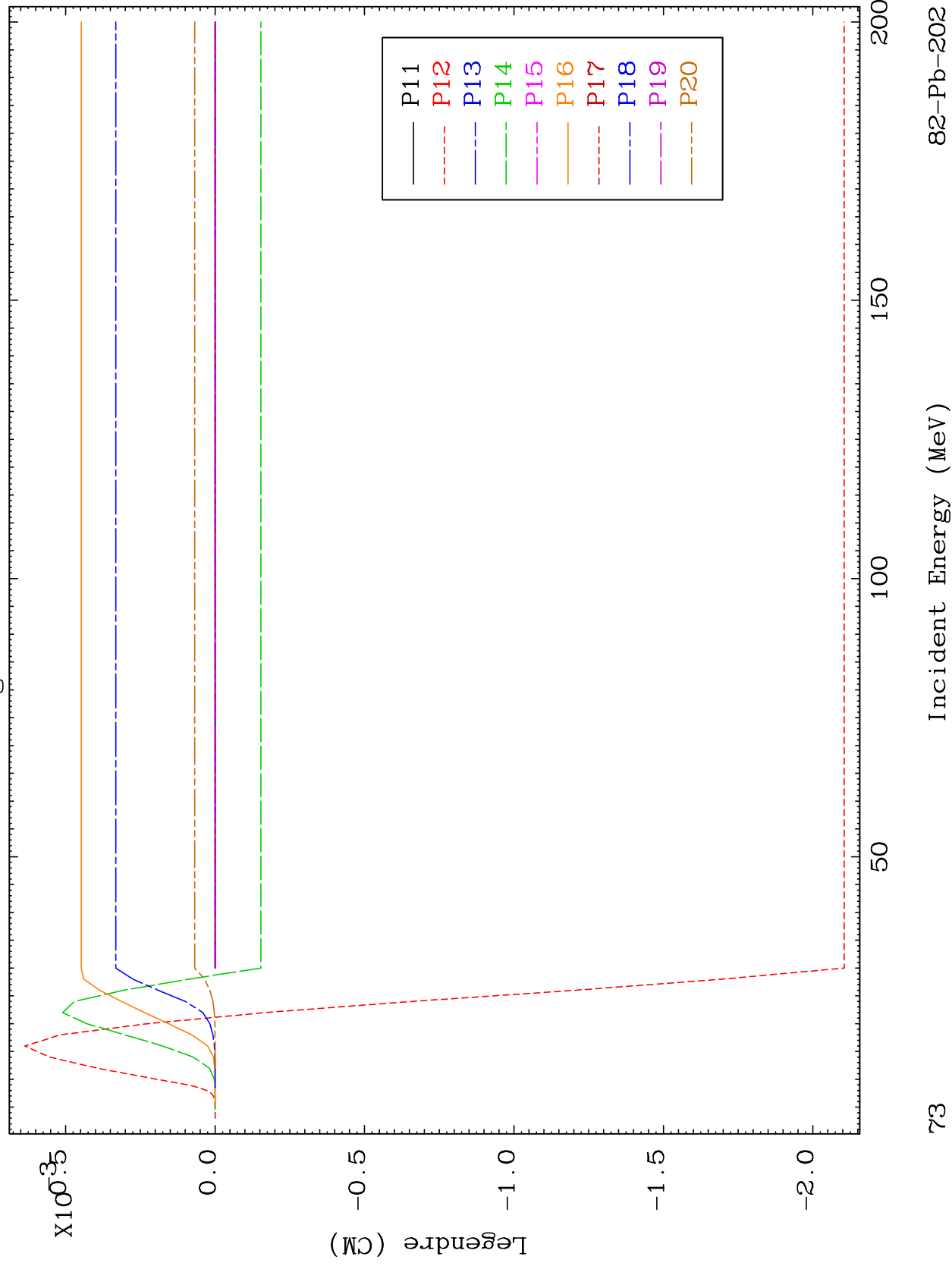
82-Pb-202



MAT 8219

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

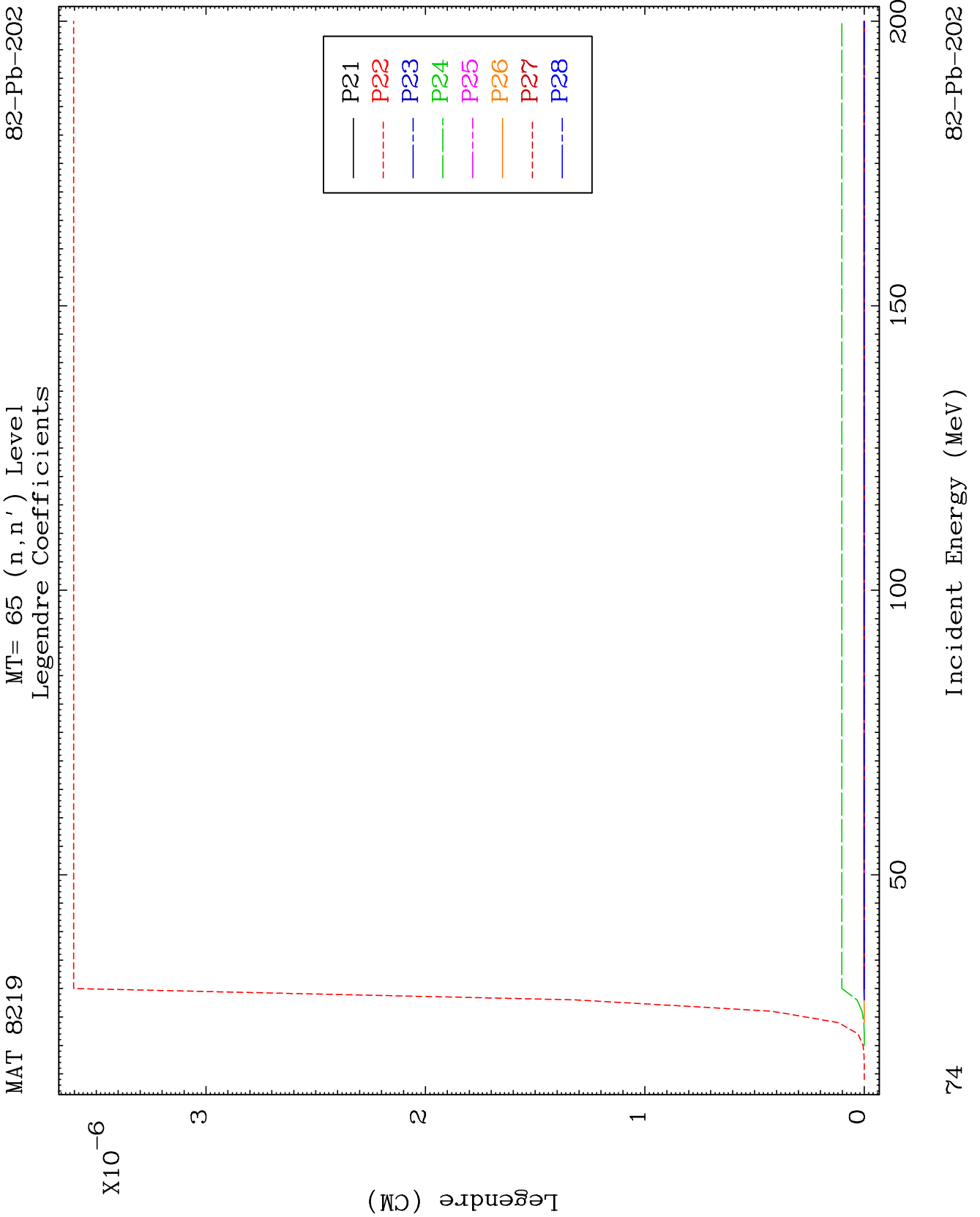
82-Pb-202



73

Incident Energy (MeV)

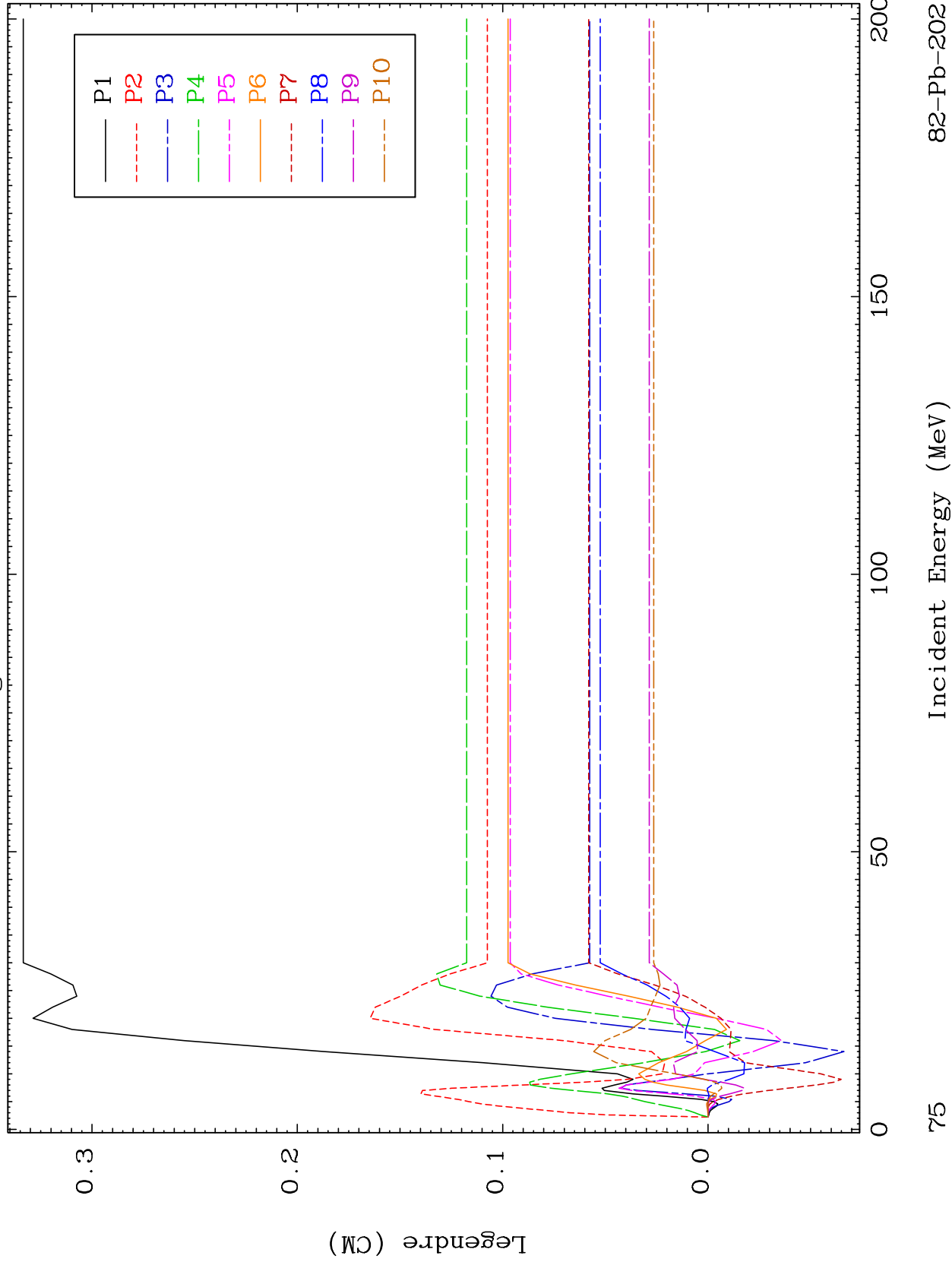
82-Pb-202



MAT 8219

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

82-Pb-202



82-Pb-202

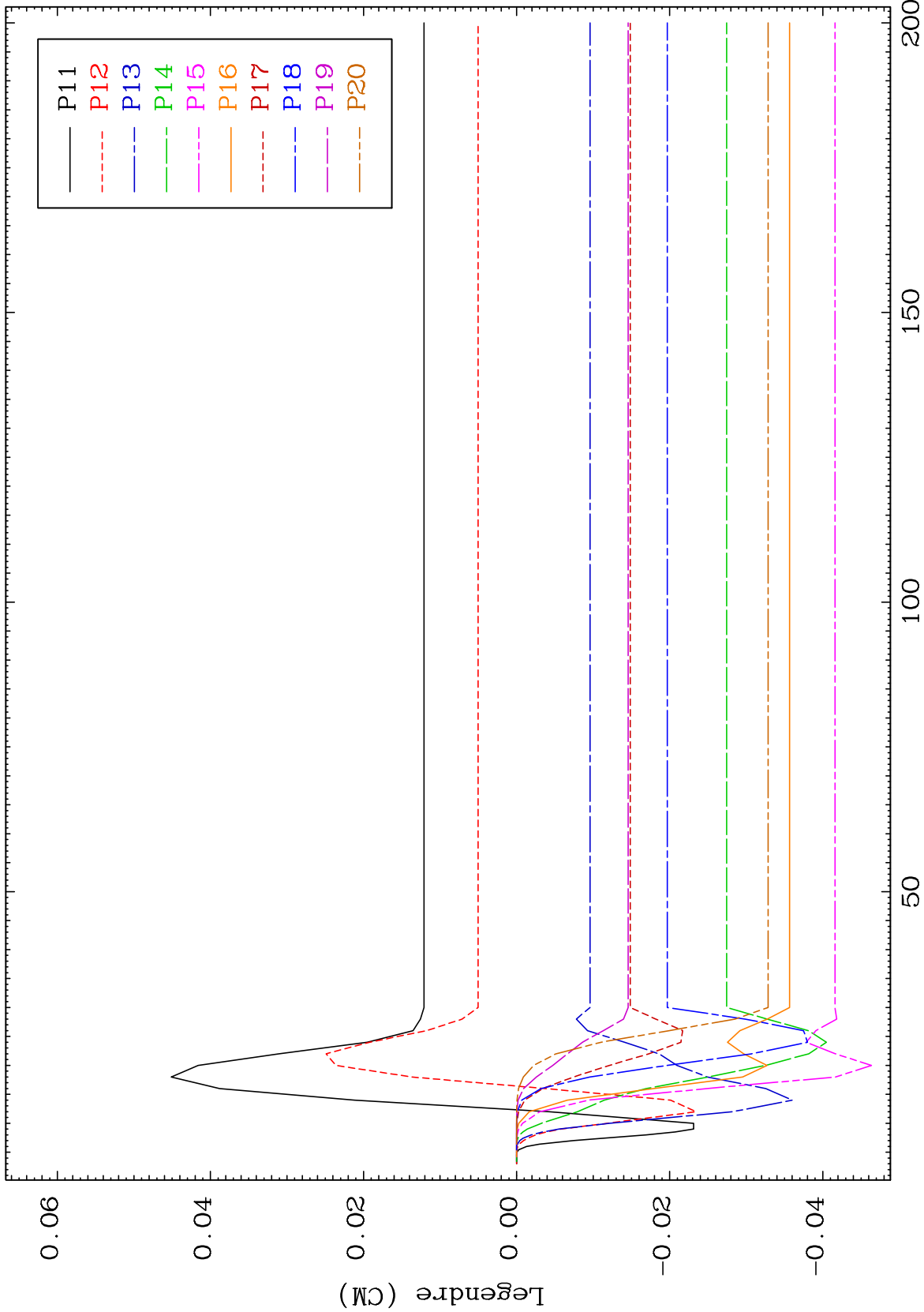
Incident Energy (MeV)

75

MAT 8219

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

82-Pb-202



76

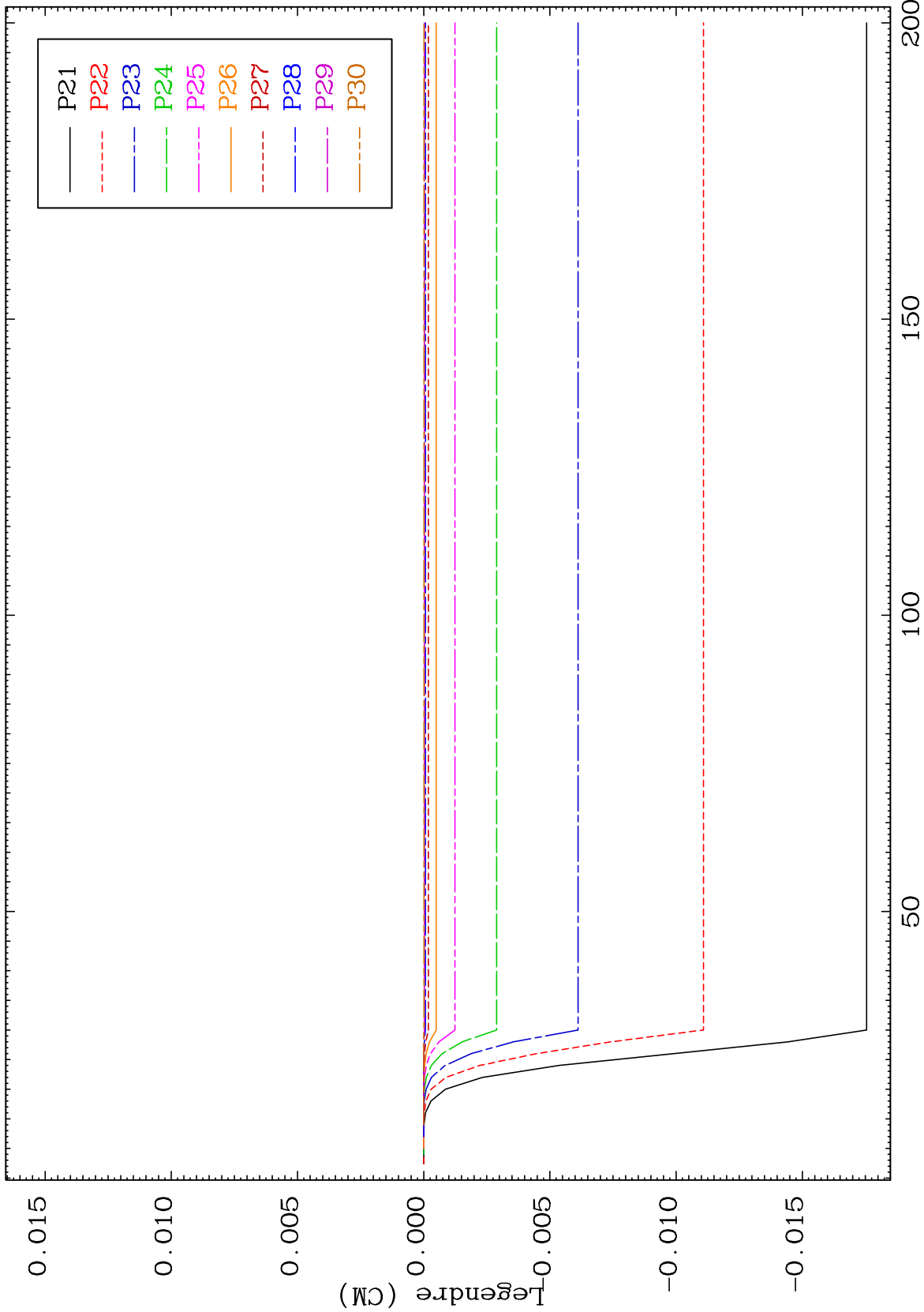
Incident Energy (MeV)

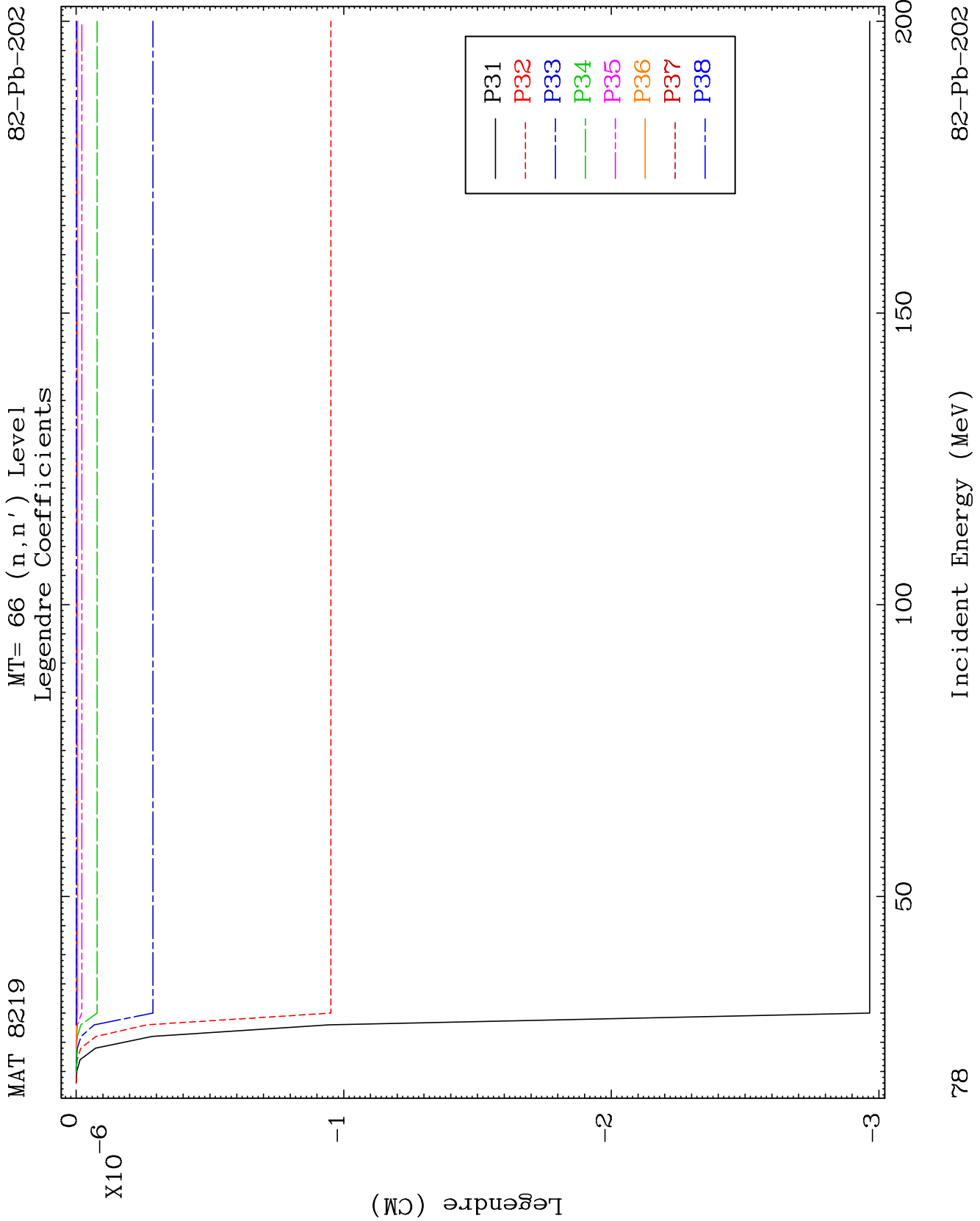
82-Pb-202

MAT 8219

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

82-Pb-202

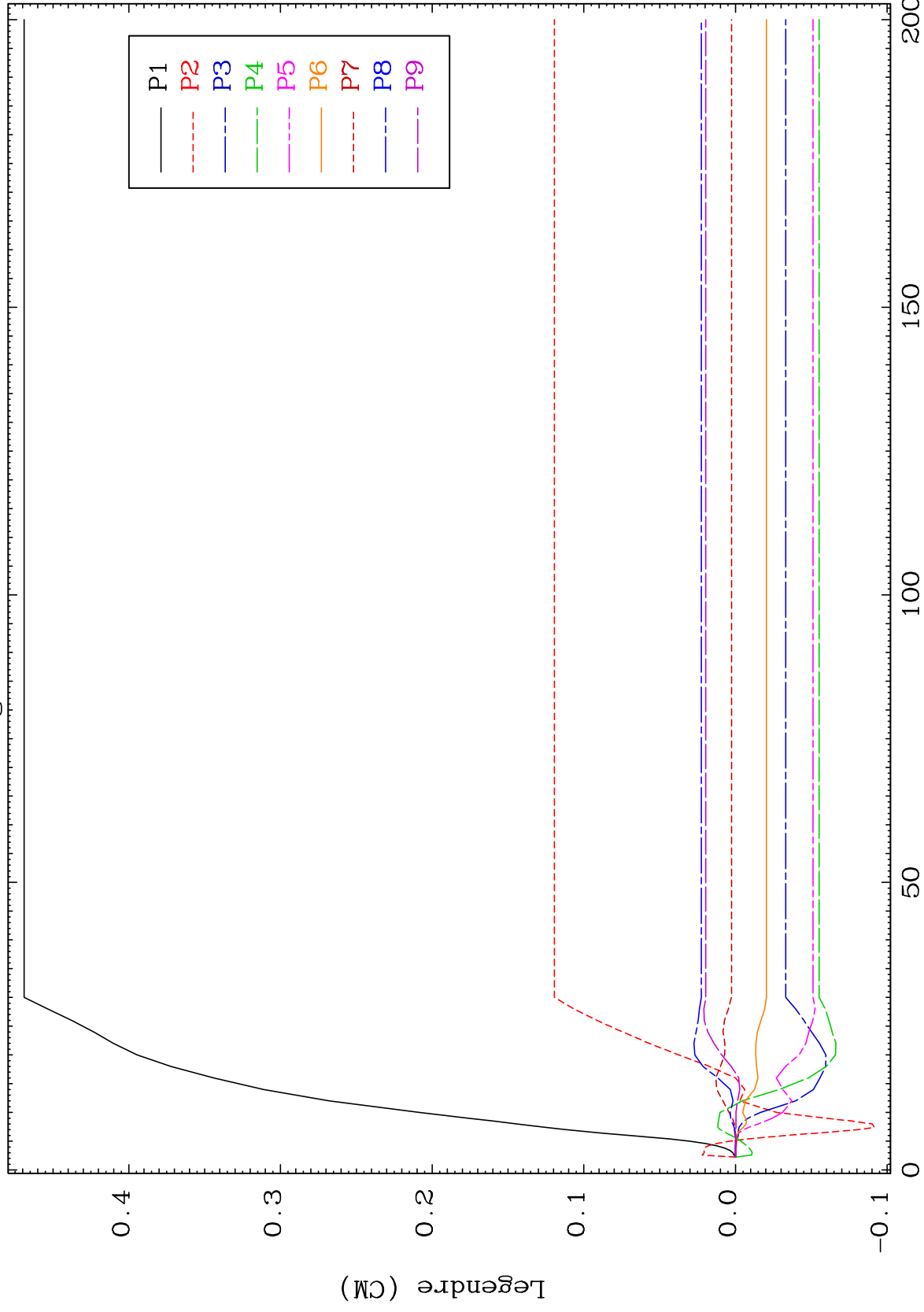




MAT 8219

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

82-Pb-202



79

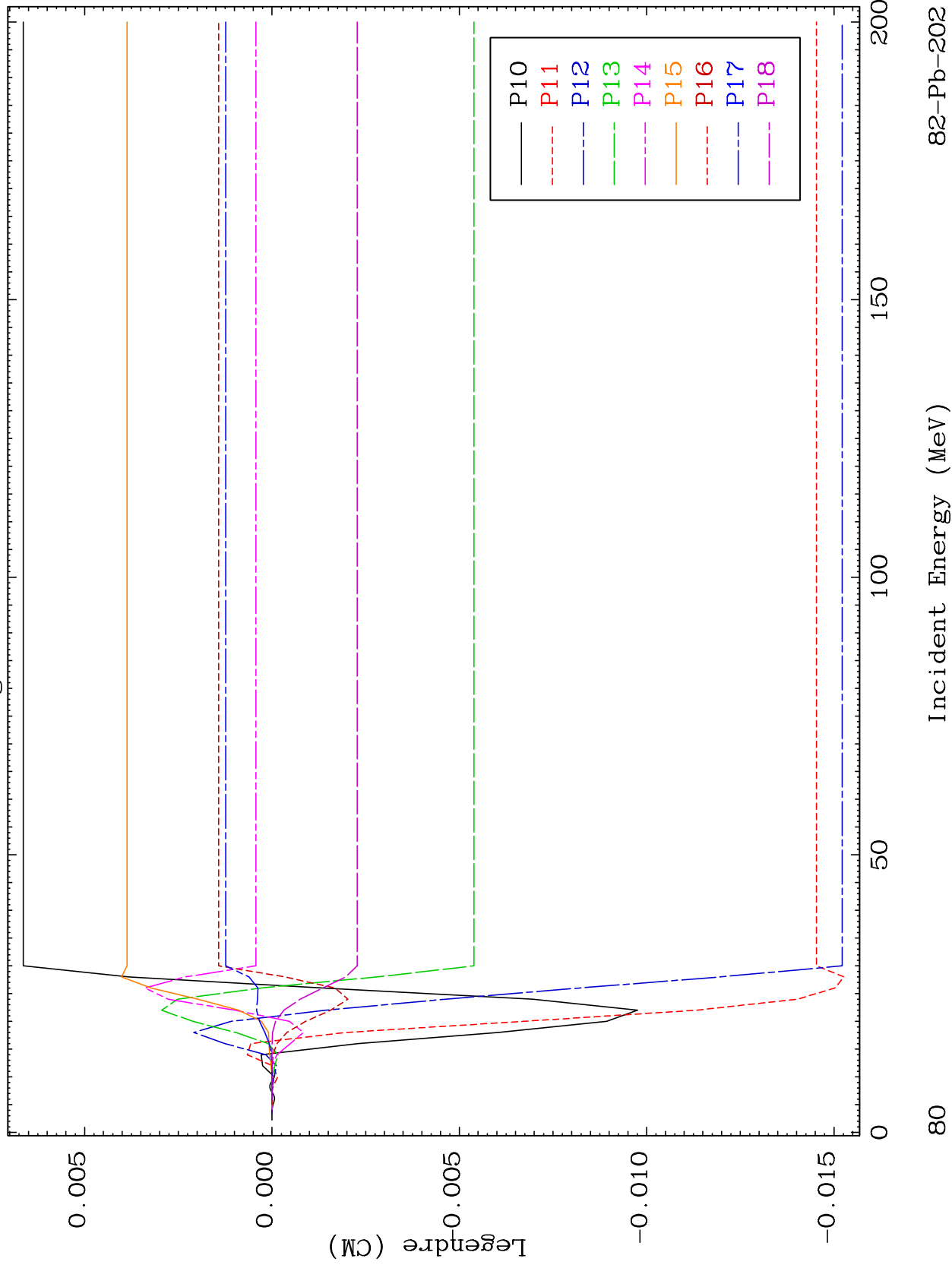
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



82-Pb-202

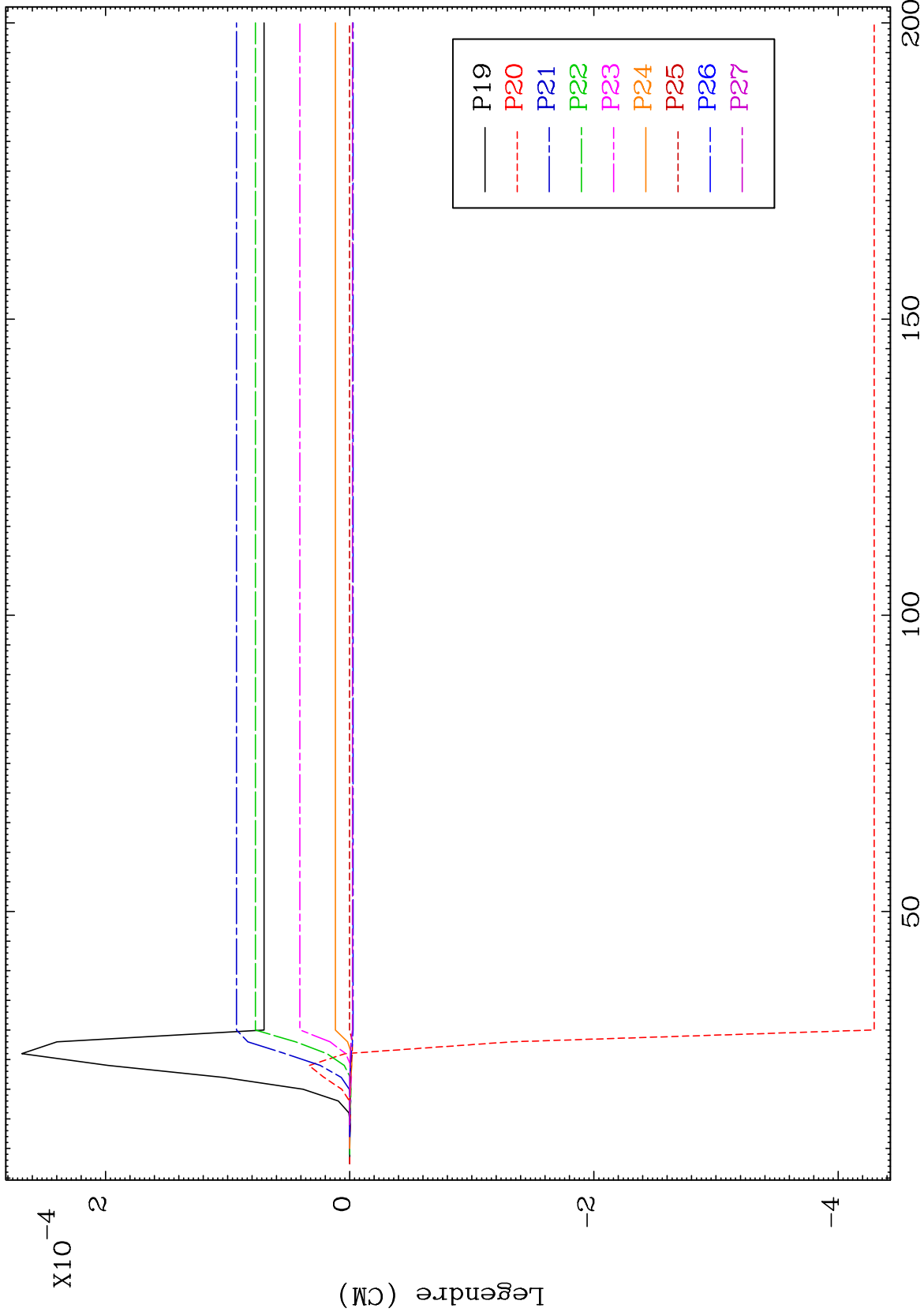
Incident Energy (MeV)

80

MAT 8219

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

82-Pb-202



81

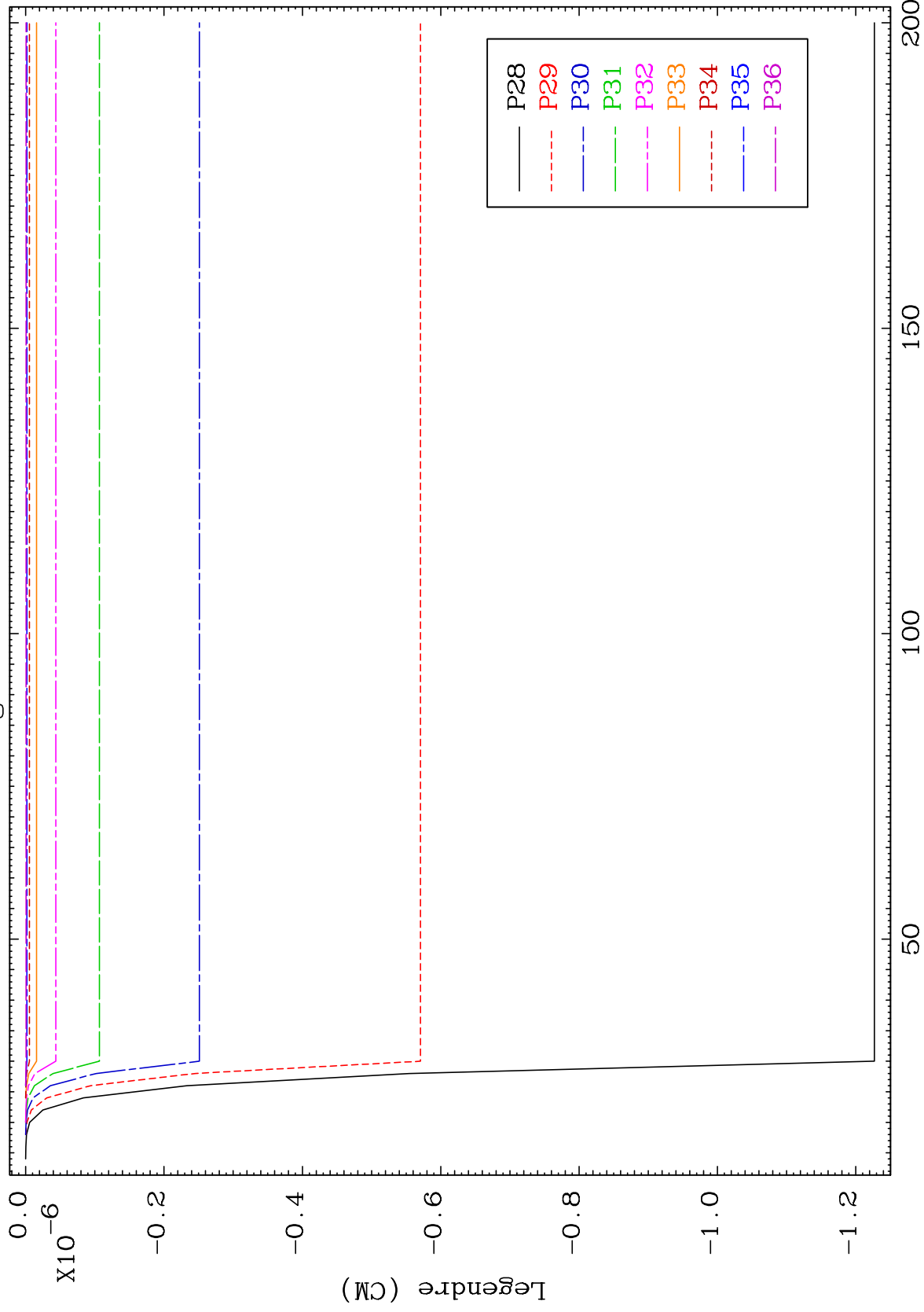
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



82

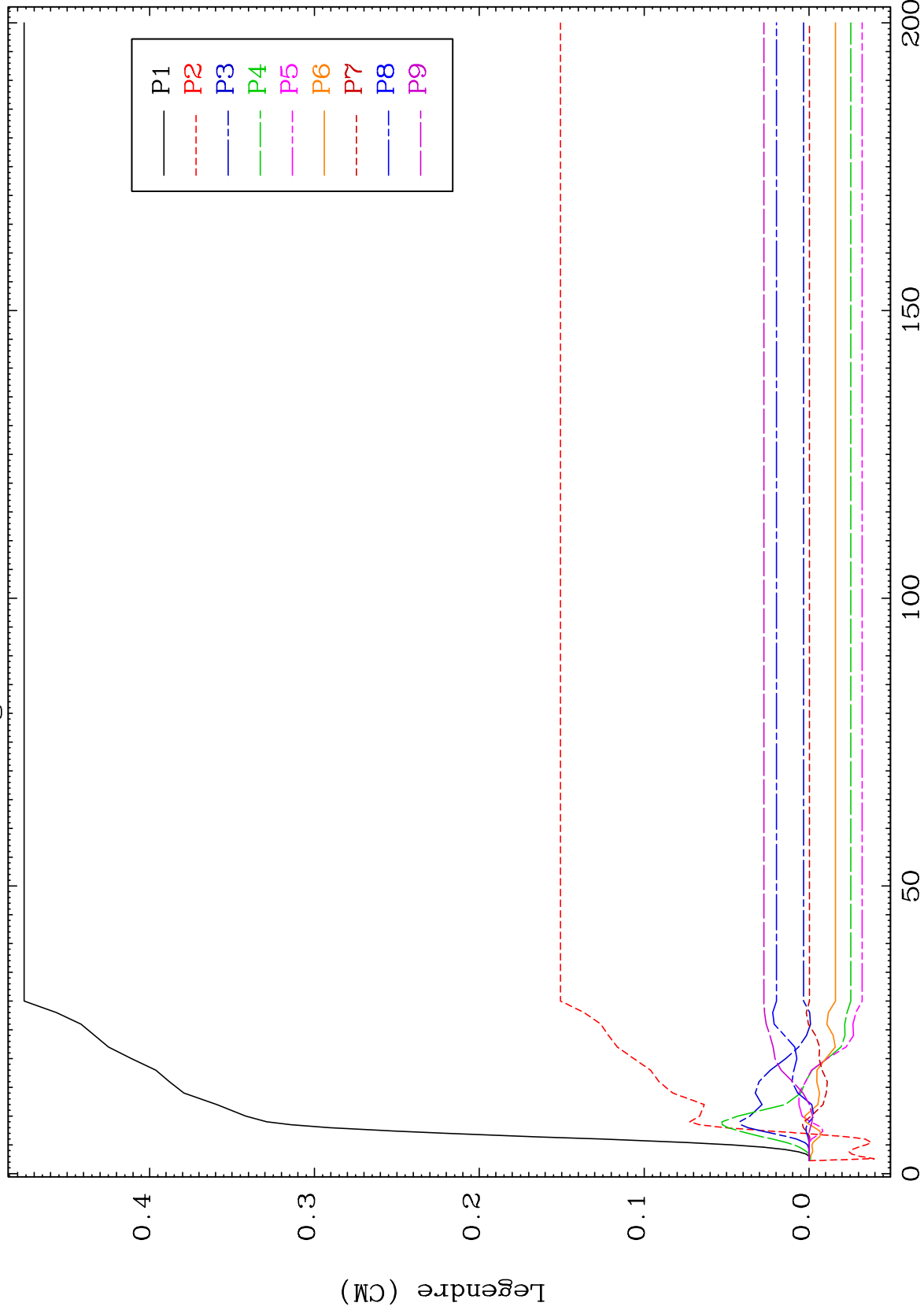
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



83

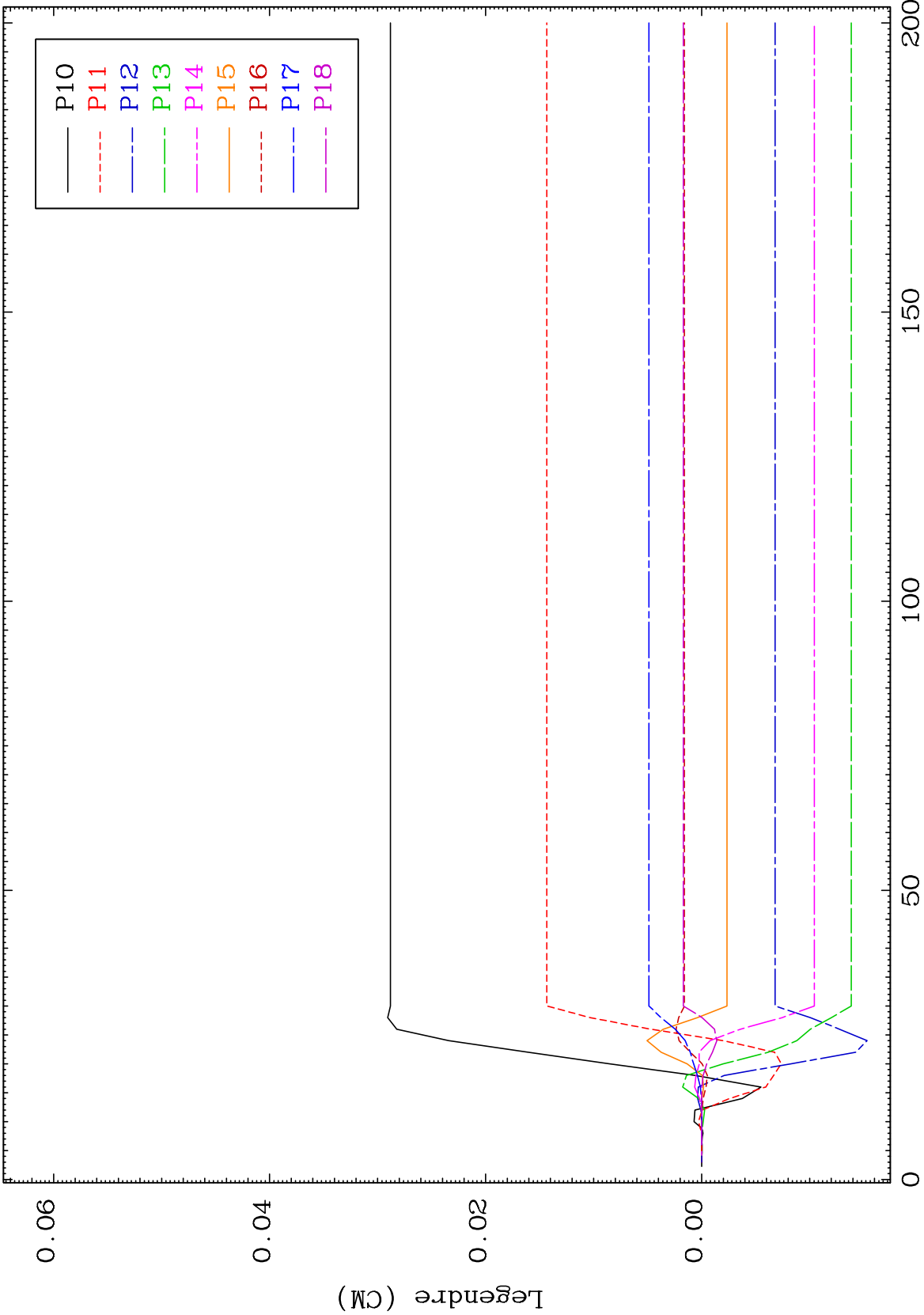
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

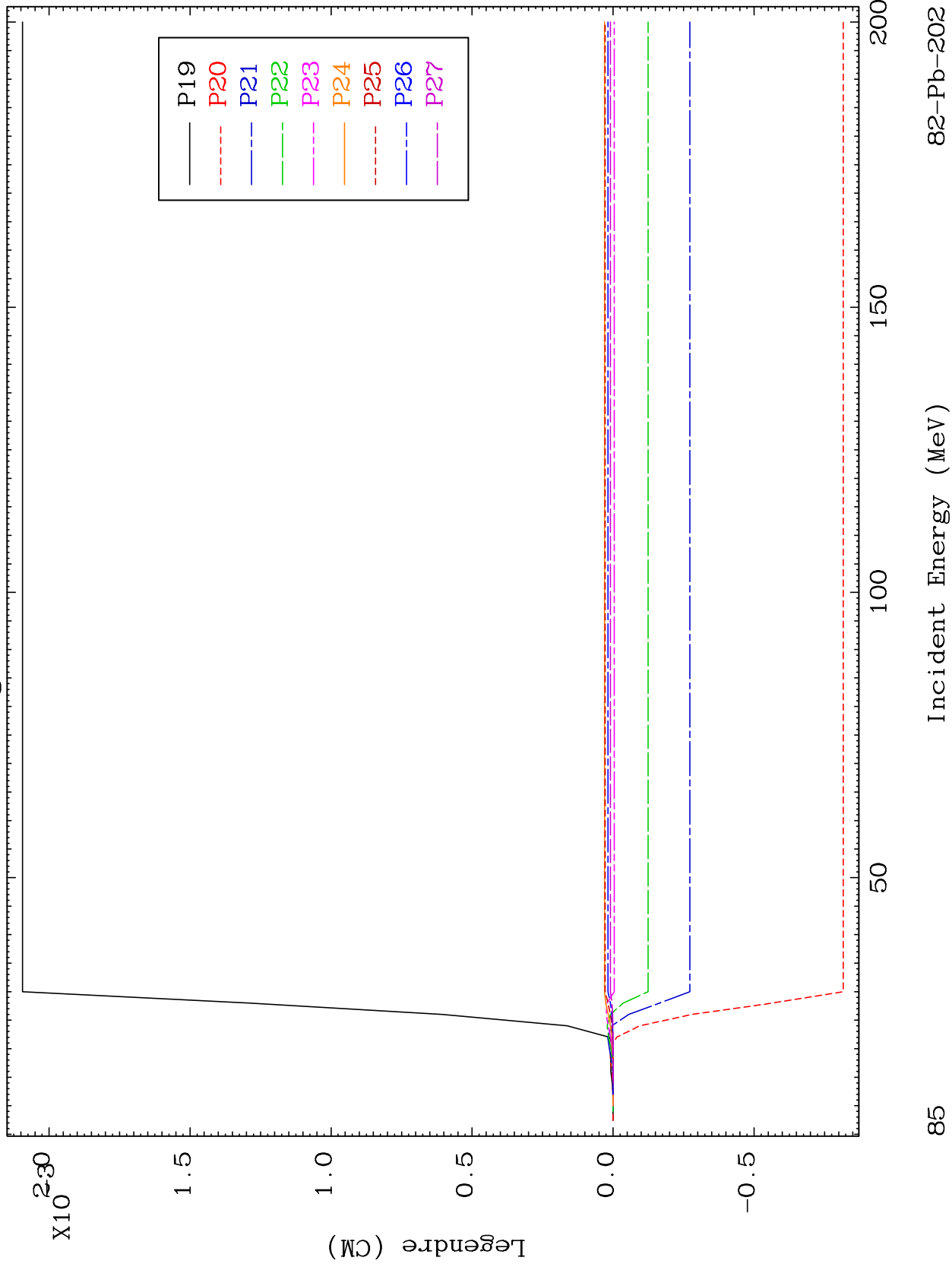
82-Pb-202



MAT 8219

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

82-Pb-202



85

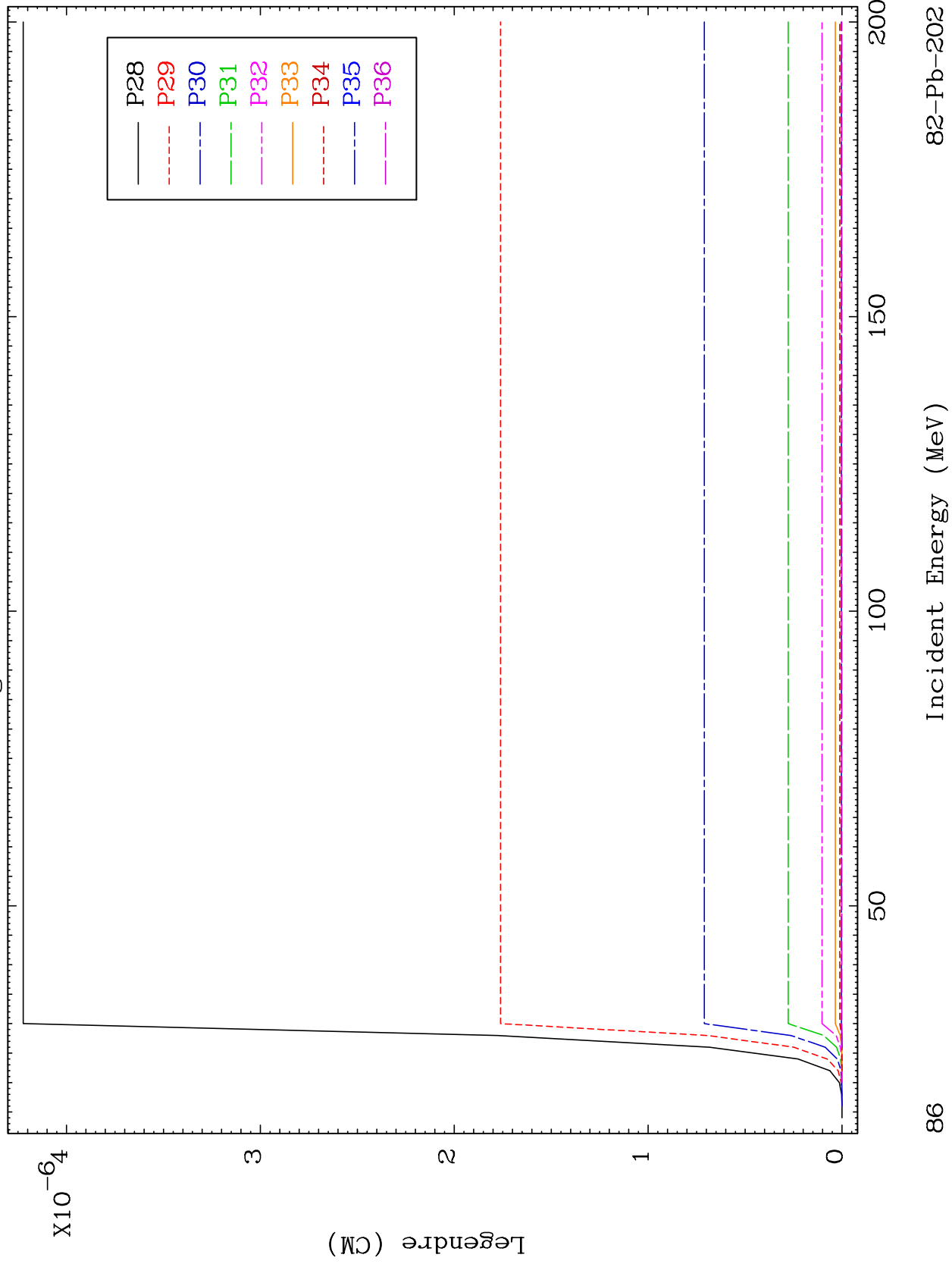
Incident Energy (MeV)

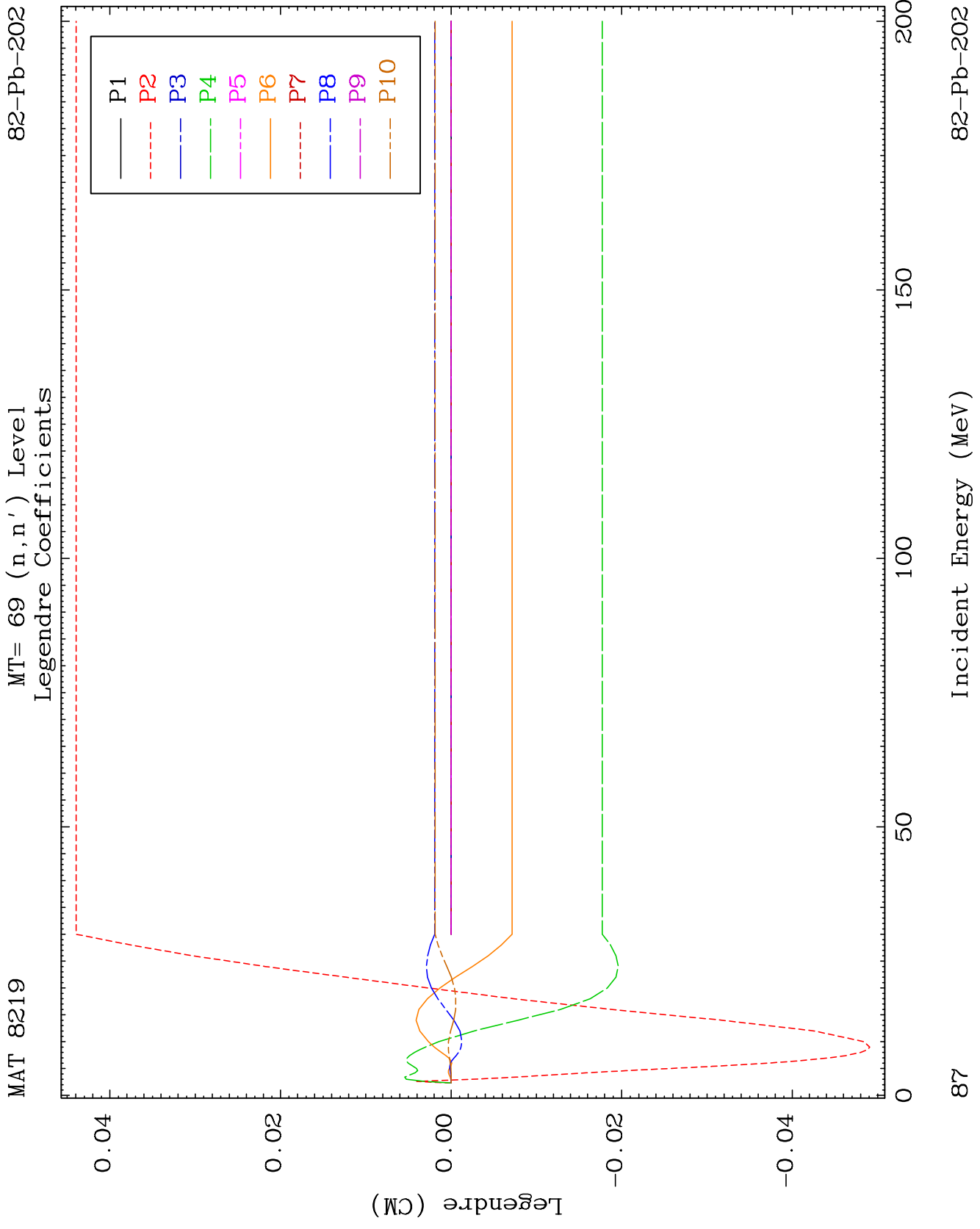
82-Pb-202

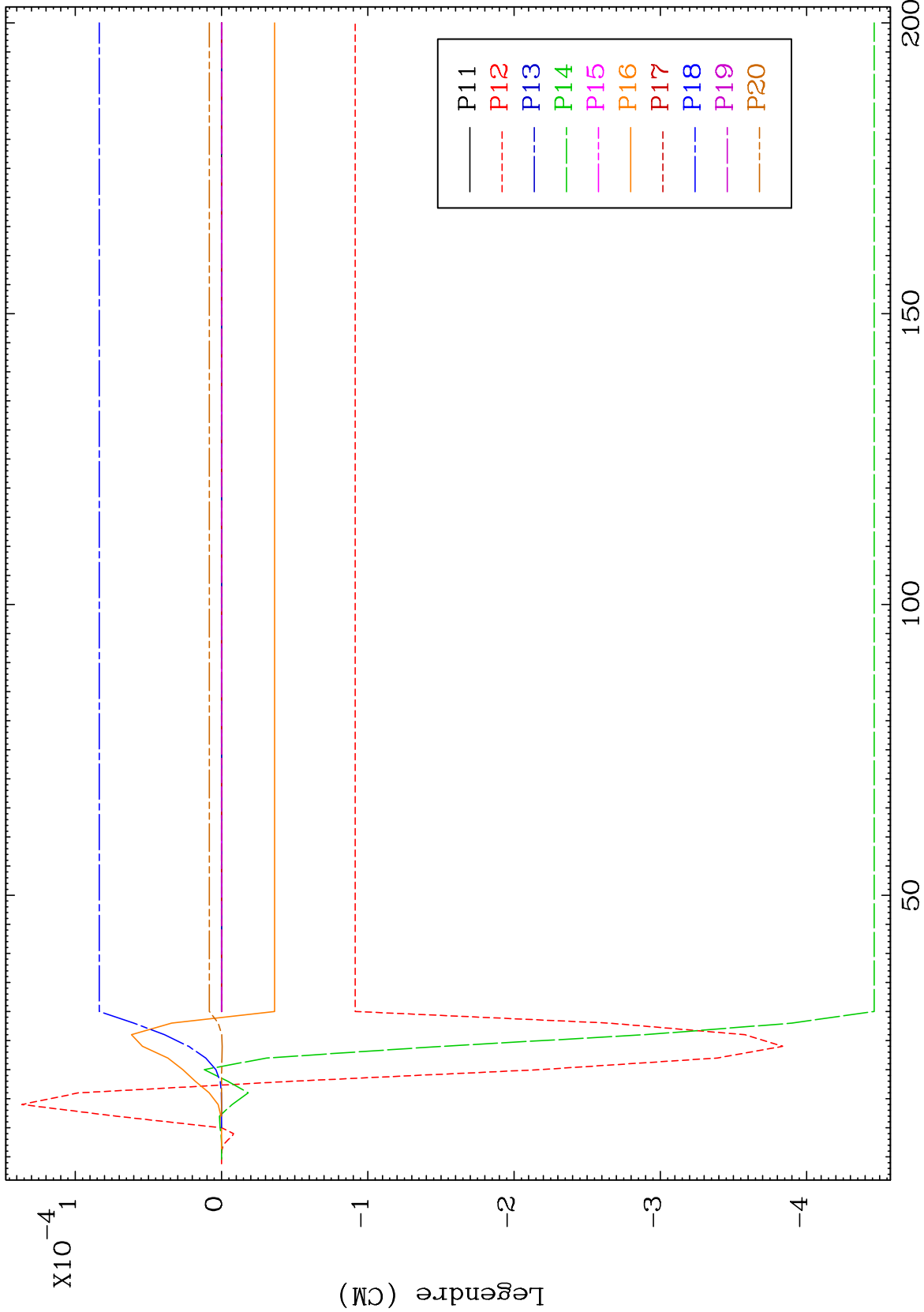
MAT 8219

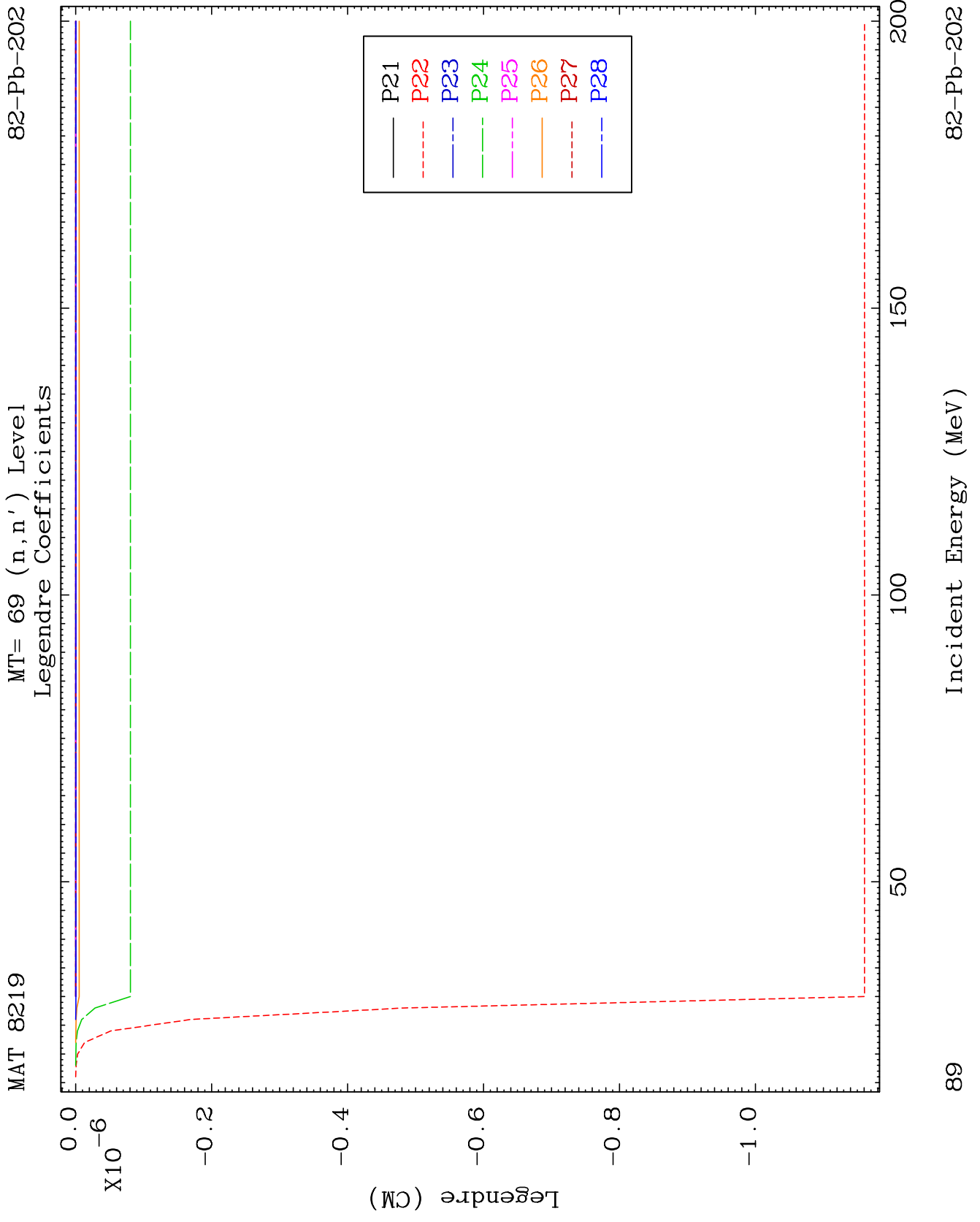
MT= 68 (n,n') Level
Legendre Coefficients

82-Pb-202





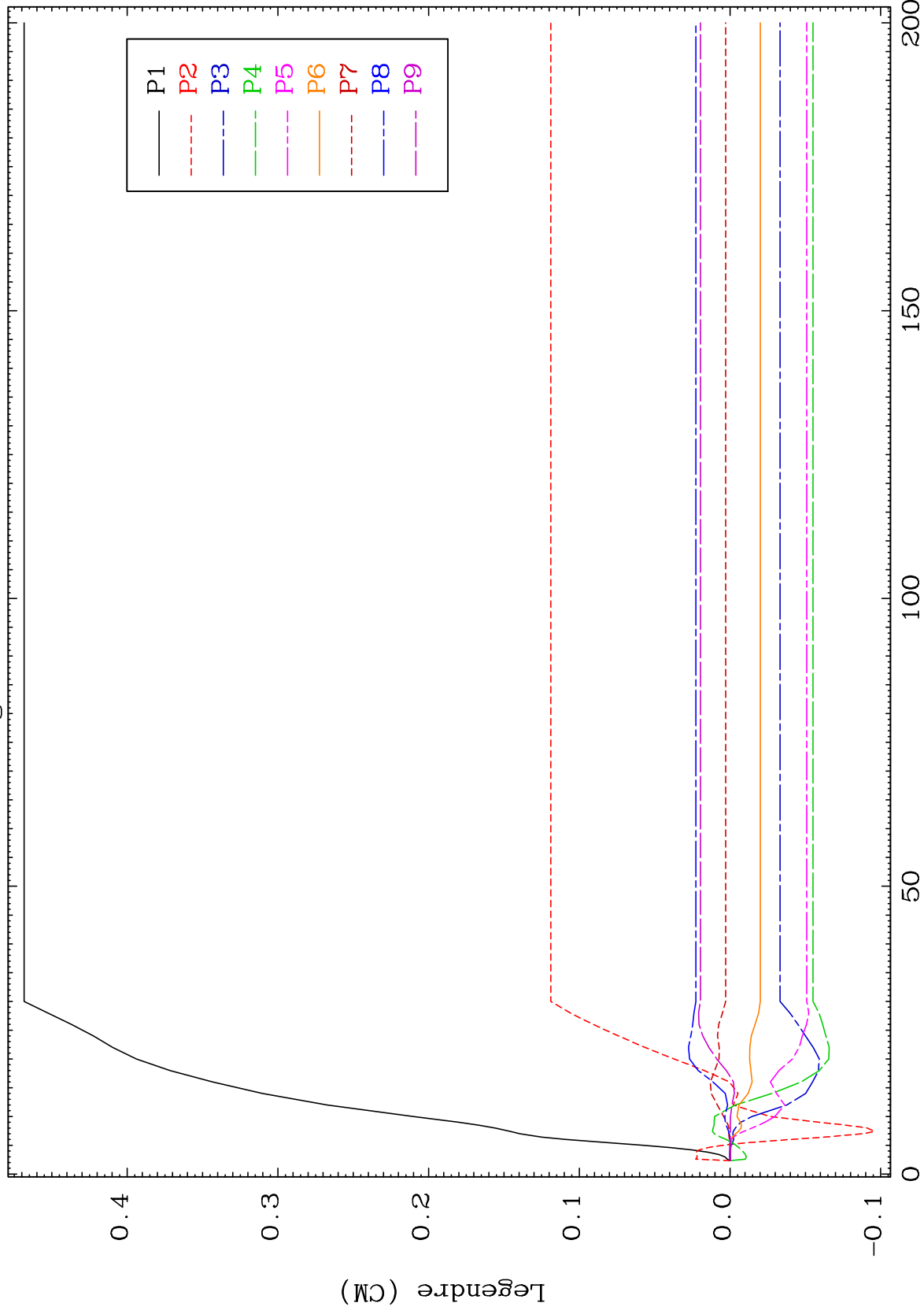




MAT 8219

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

82-Pb-202



82-Pb-202

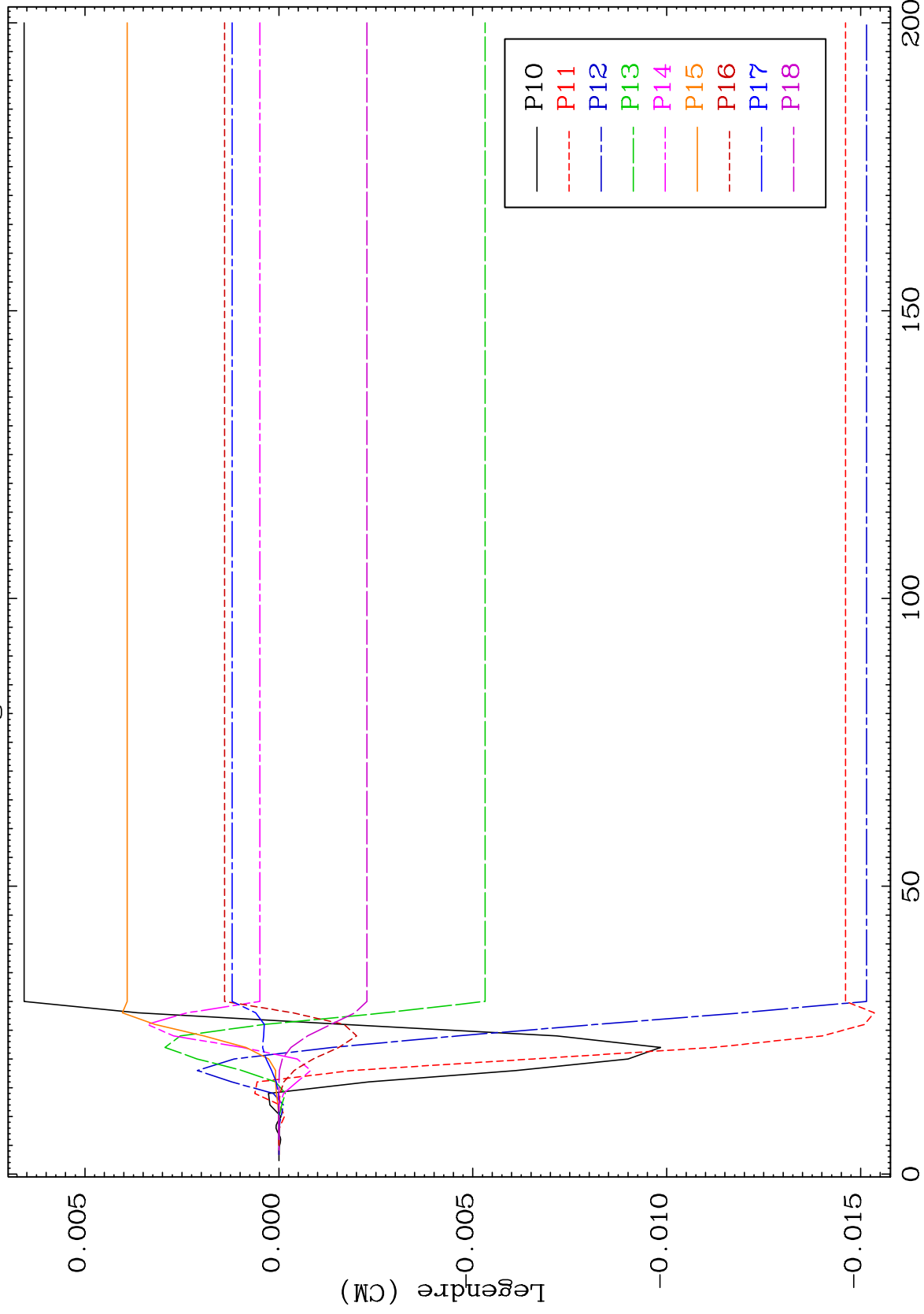
Incident Energy (MeV)

90

MAT 8219

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

82-Pb-202



91

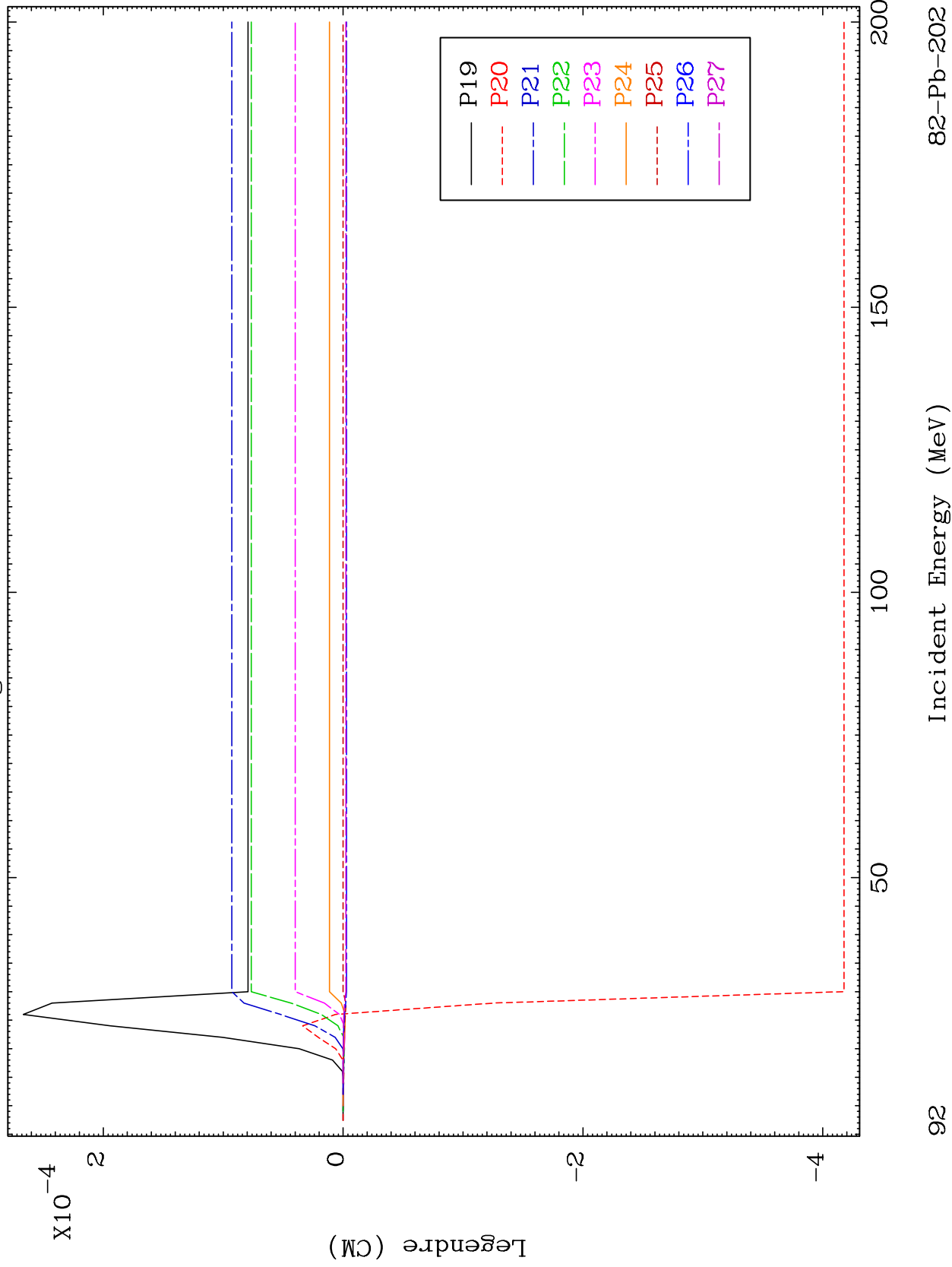
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



92

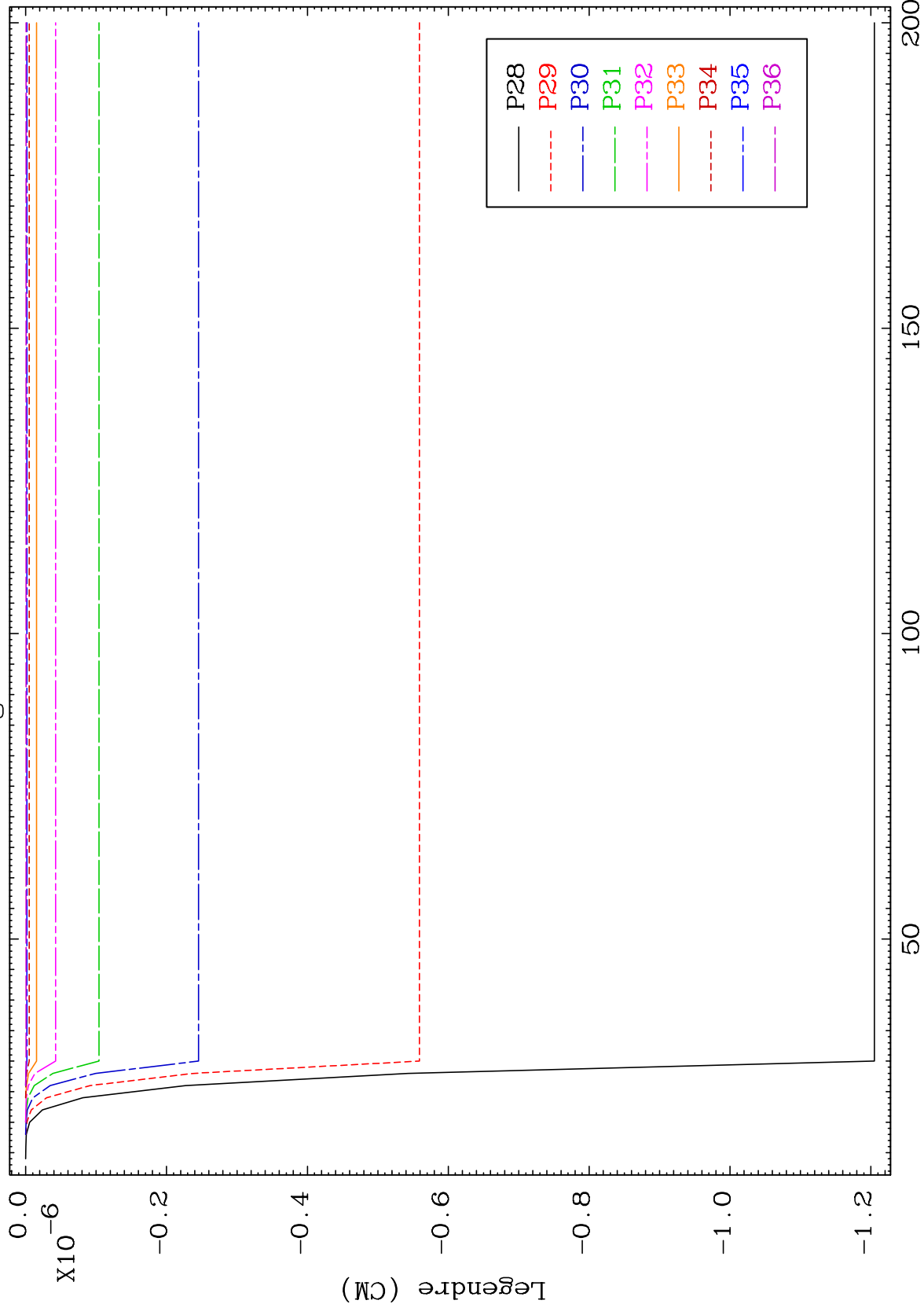
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

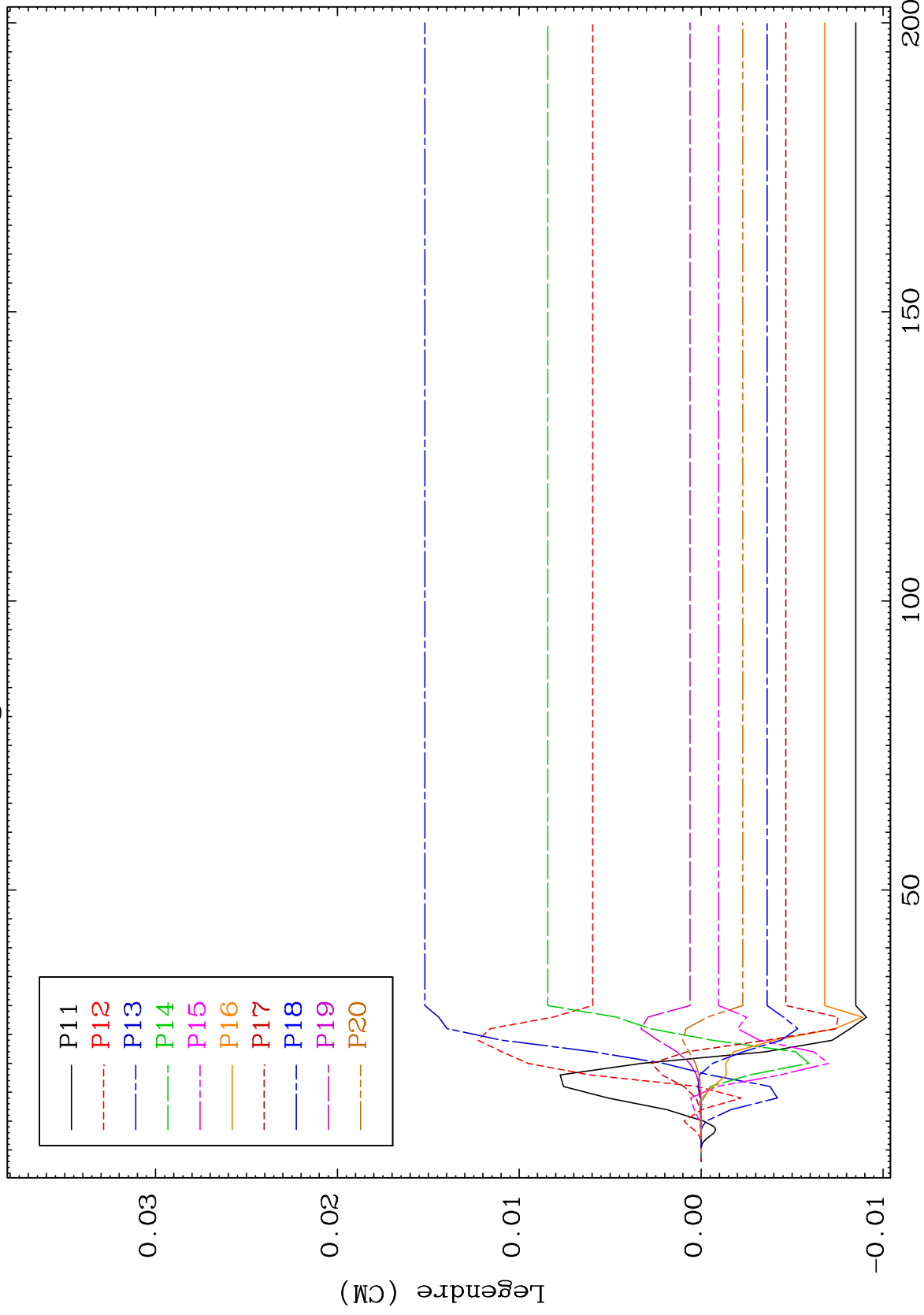
82-Pb-202



MAT 8219

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

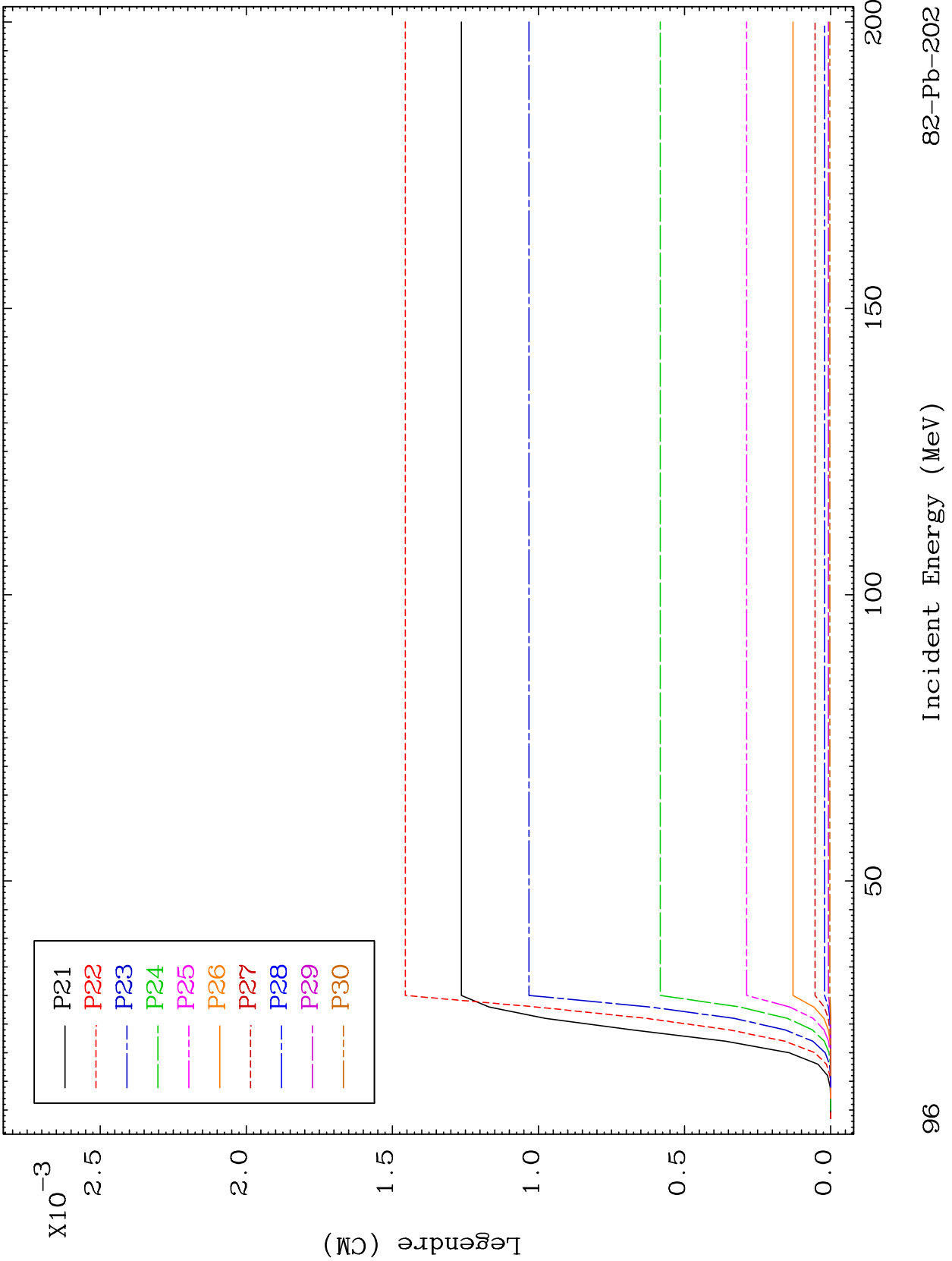
82-Pb-202



95

Incident Energy (MeV)

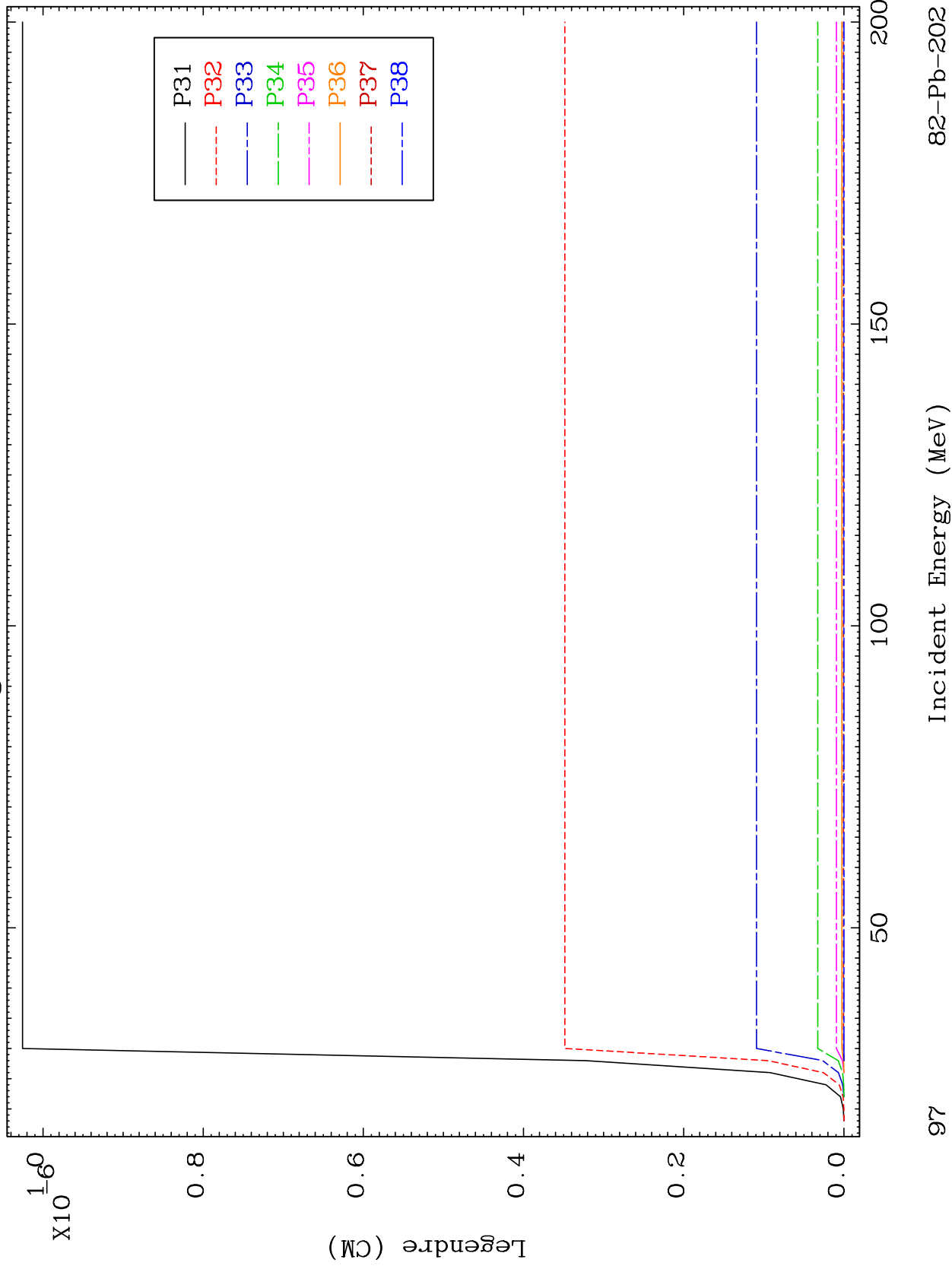
82-Pb-202



MAT 8219

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

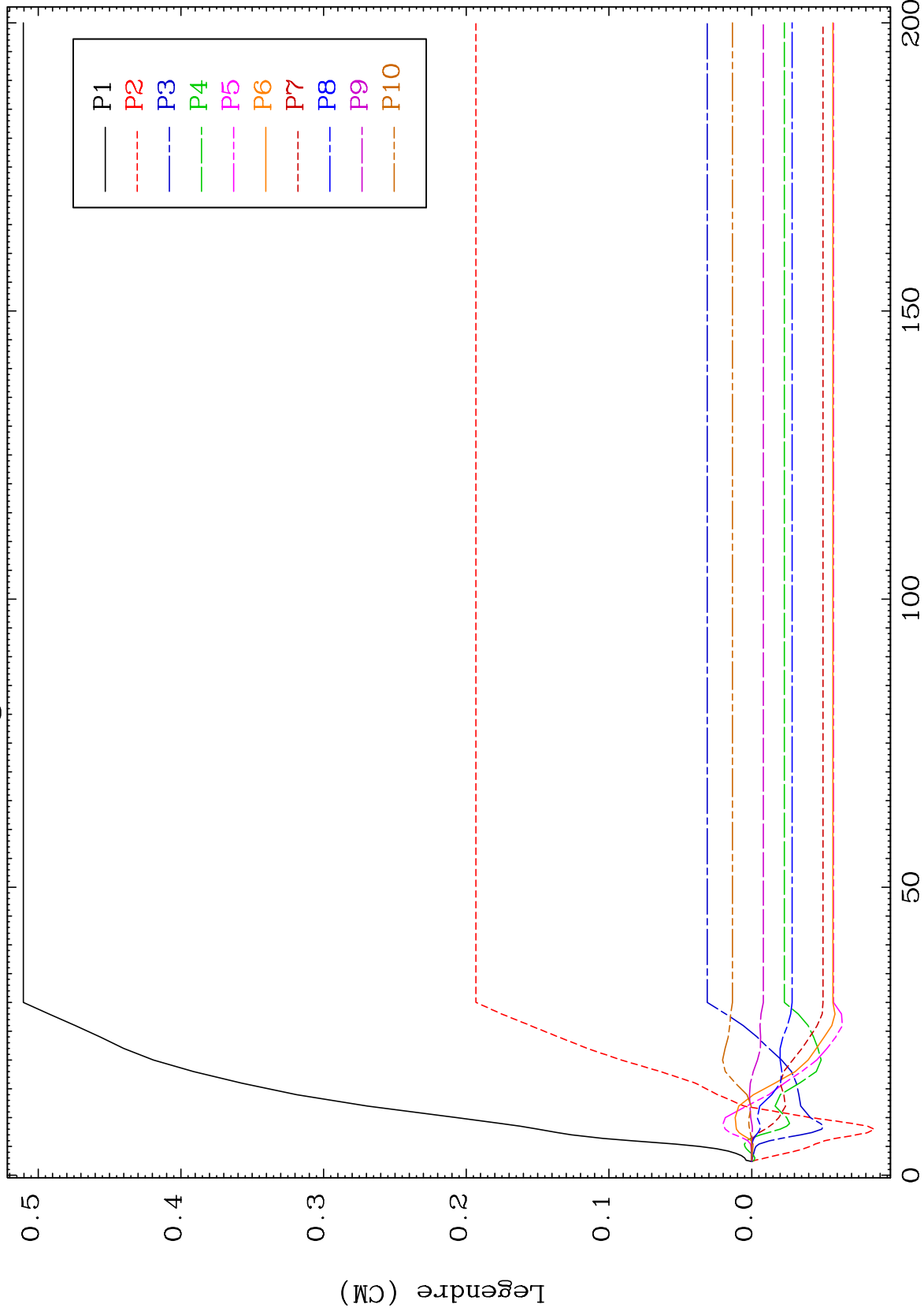
82-Pb-202



MAT 8219

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

82-Pb-202



98

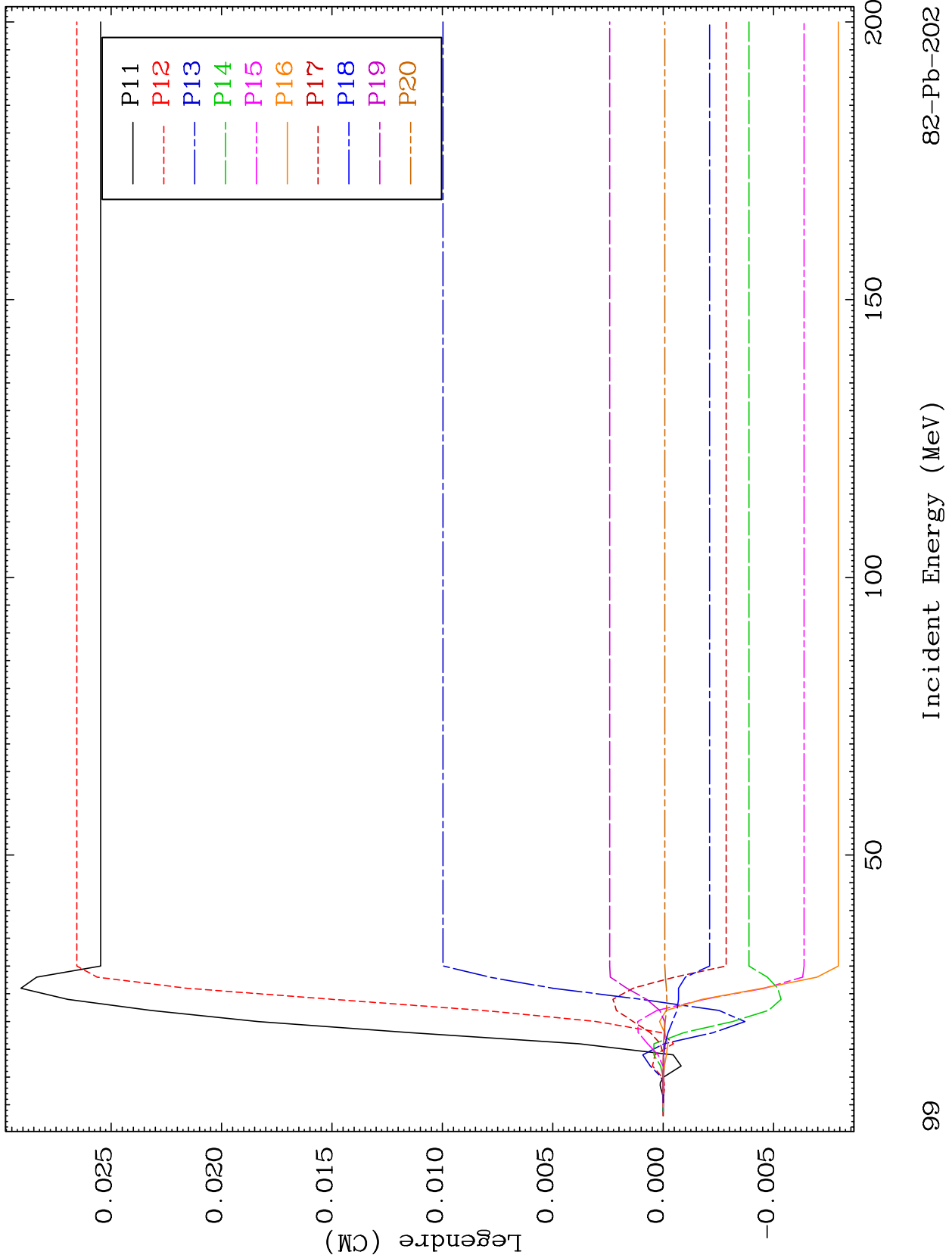
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

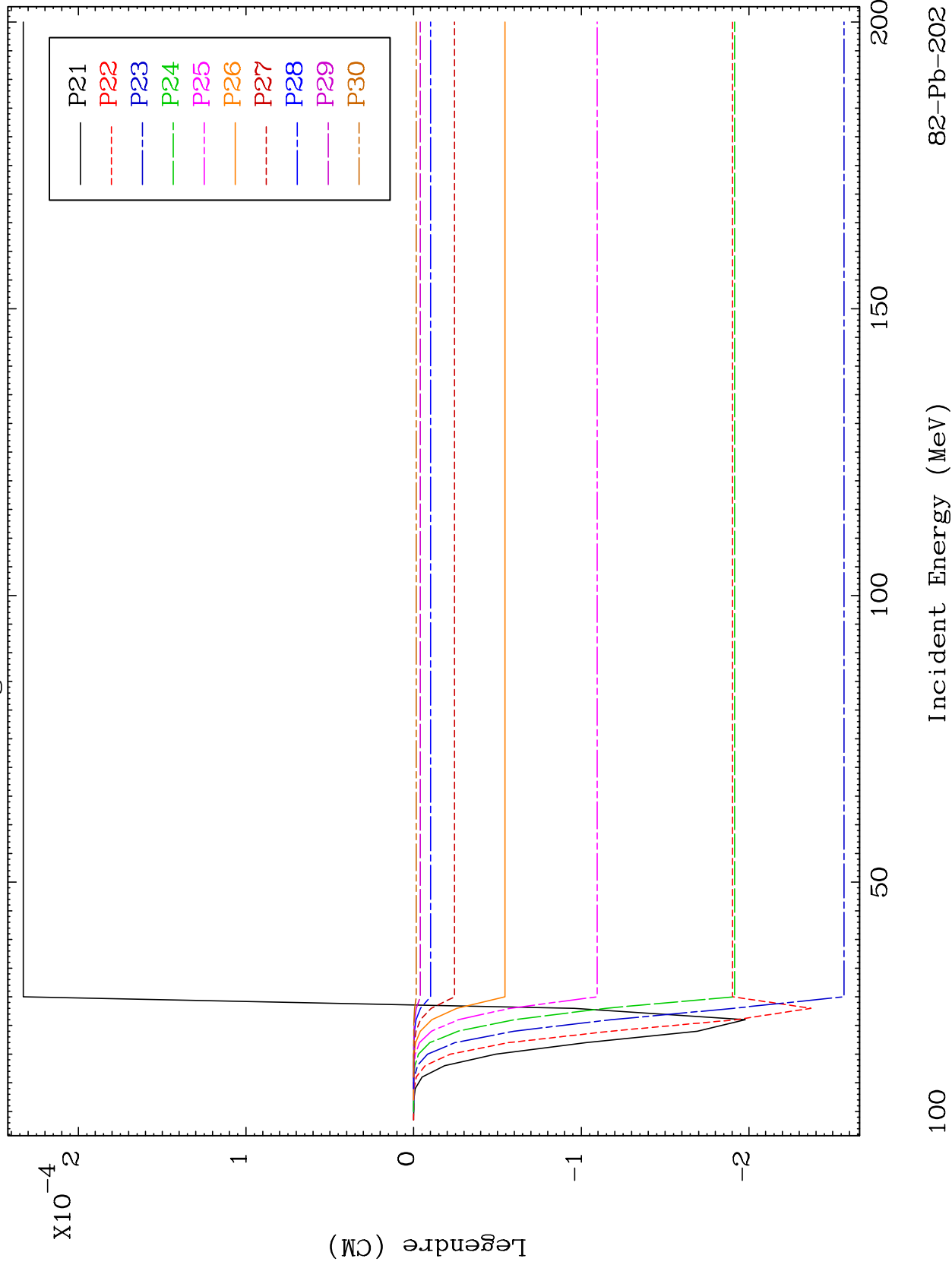
82-Pb-202

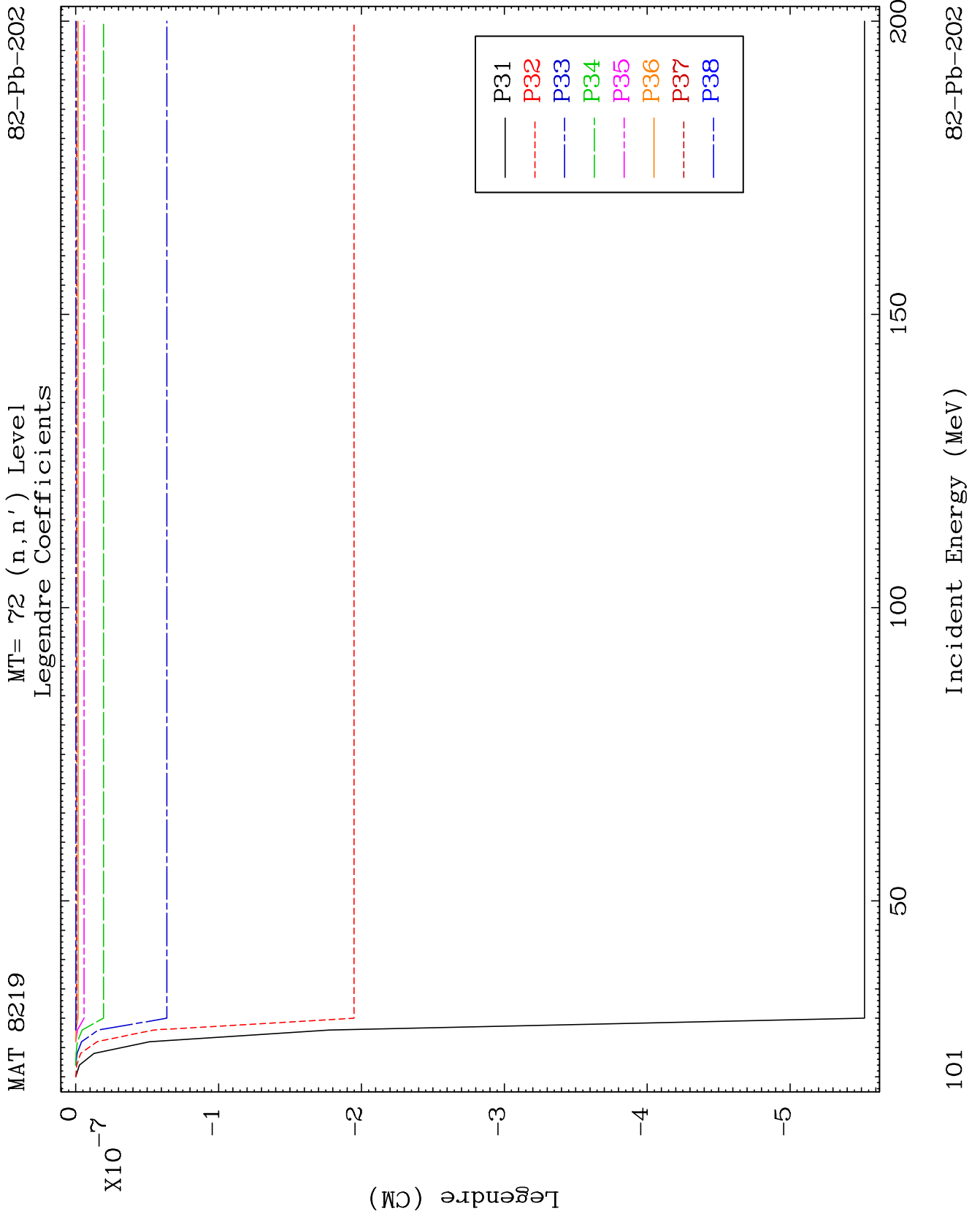


MAT 8219

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

82-Pb-202

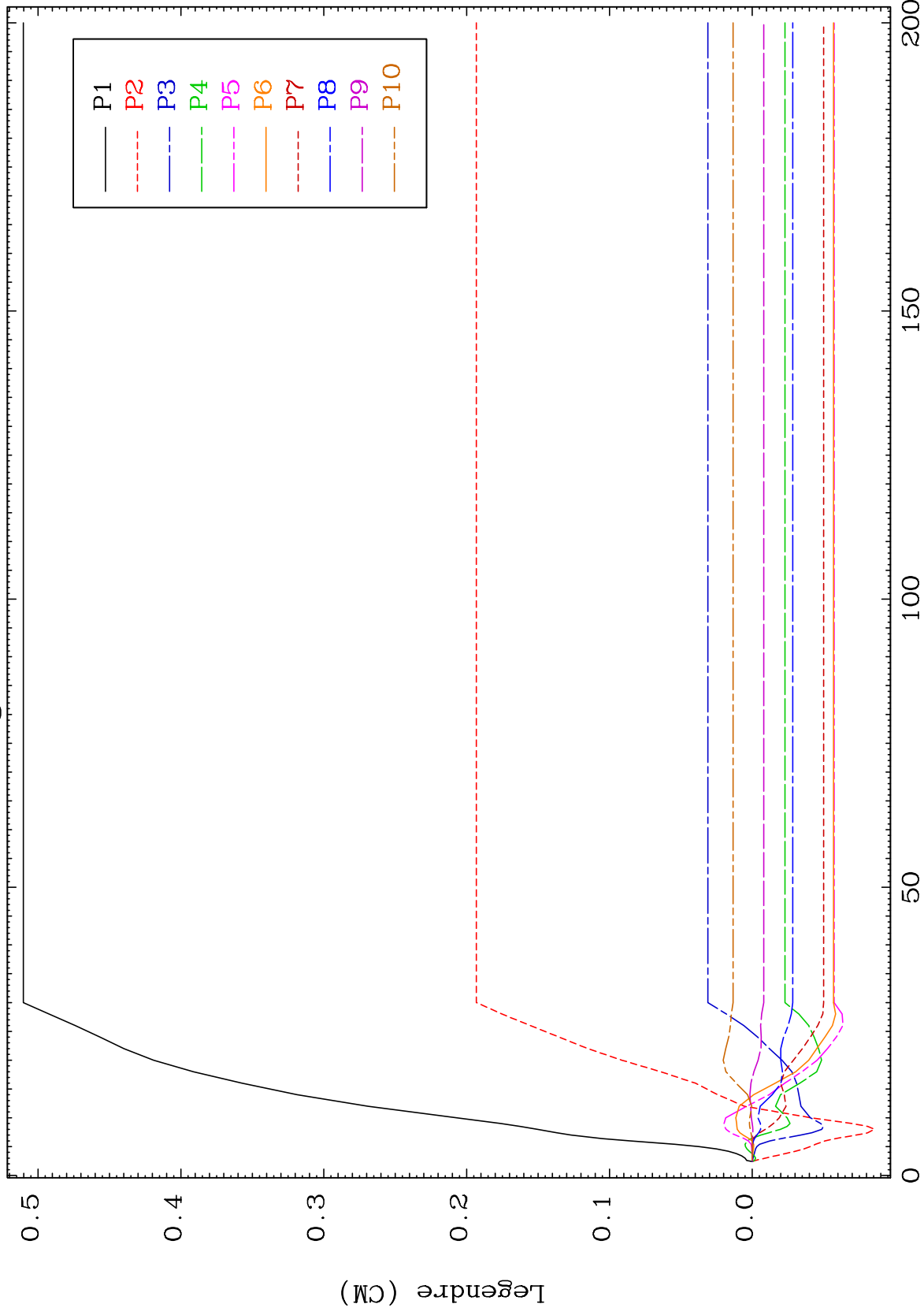




MAT 8219

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

82-Pb-202



102

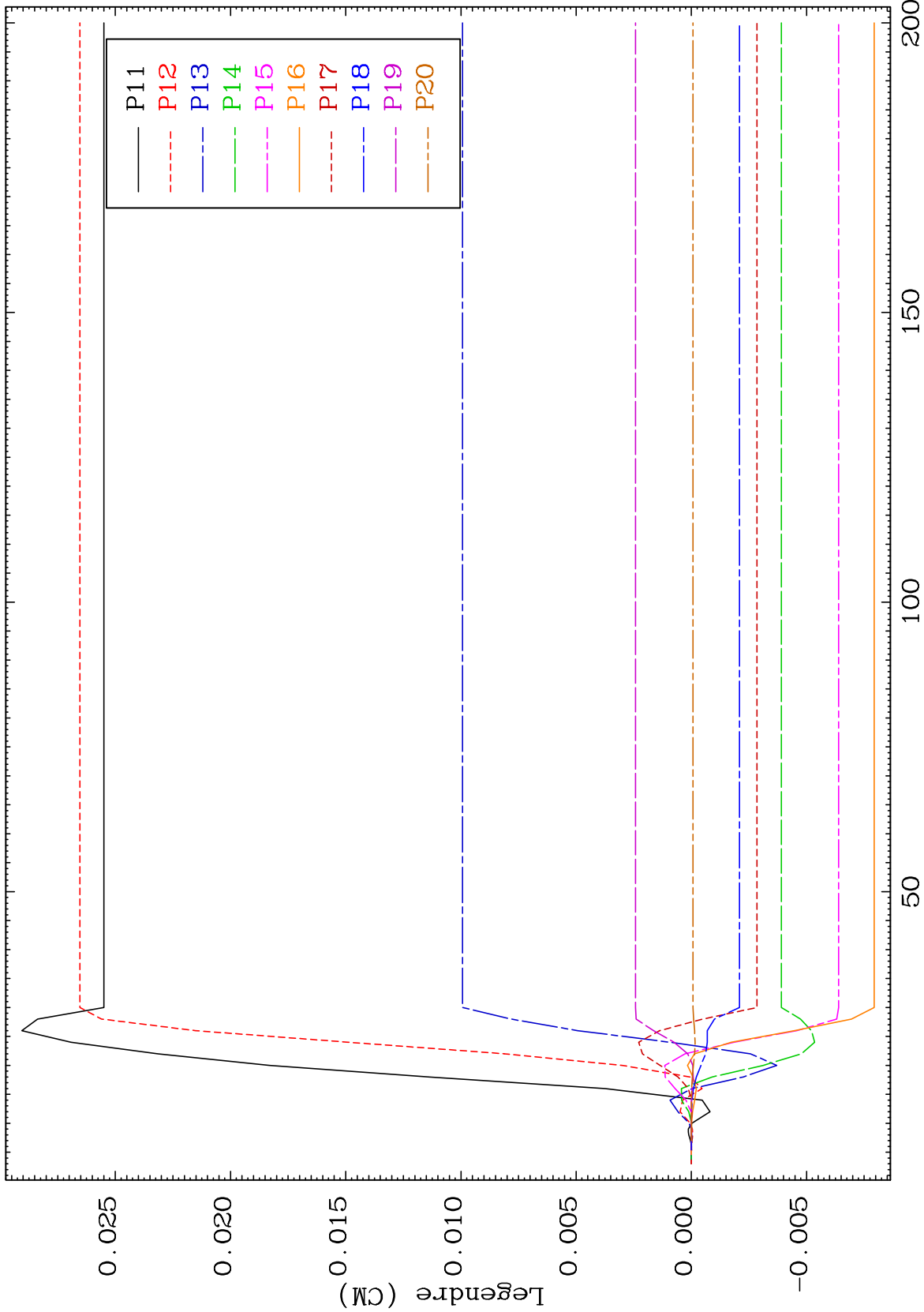
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



103

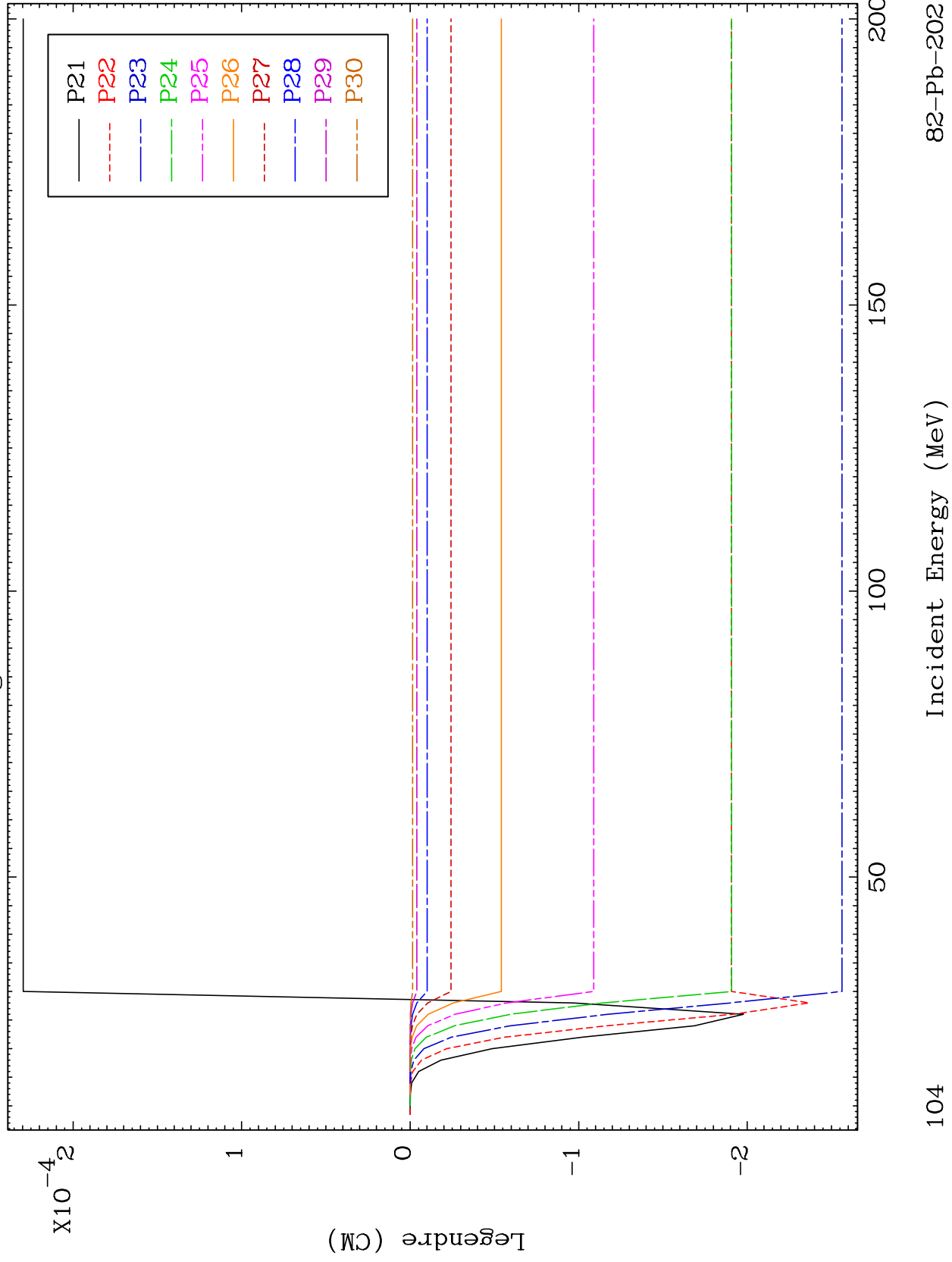
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

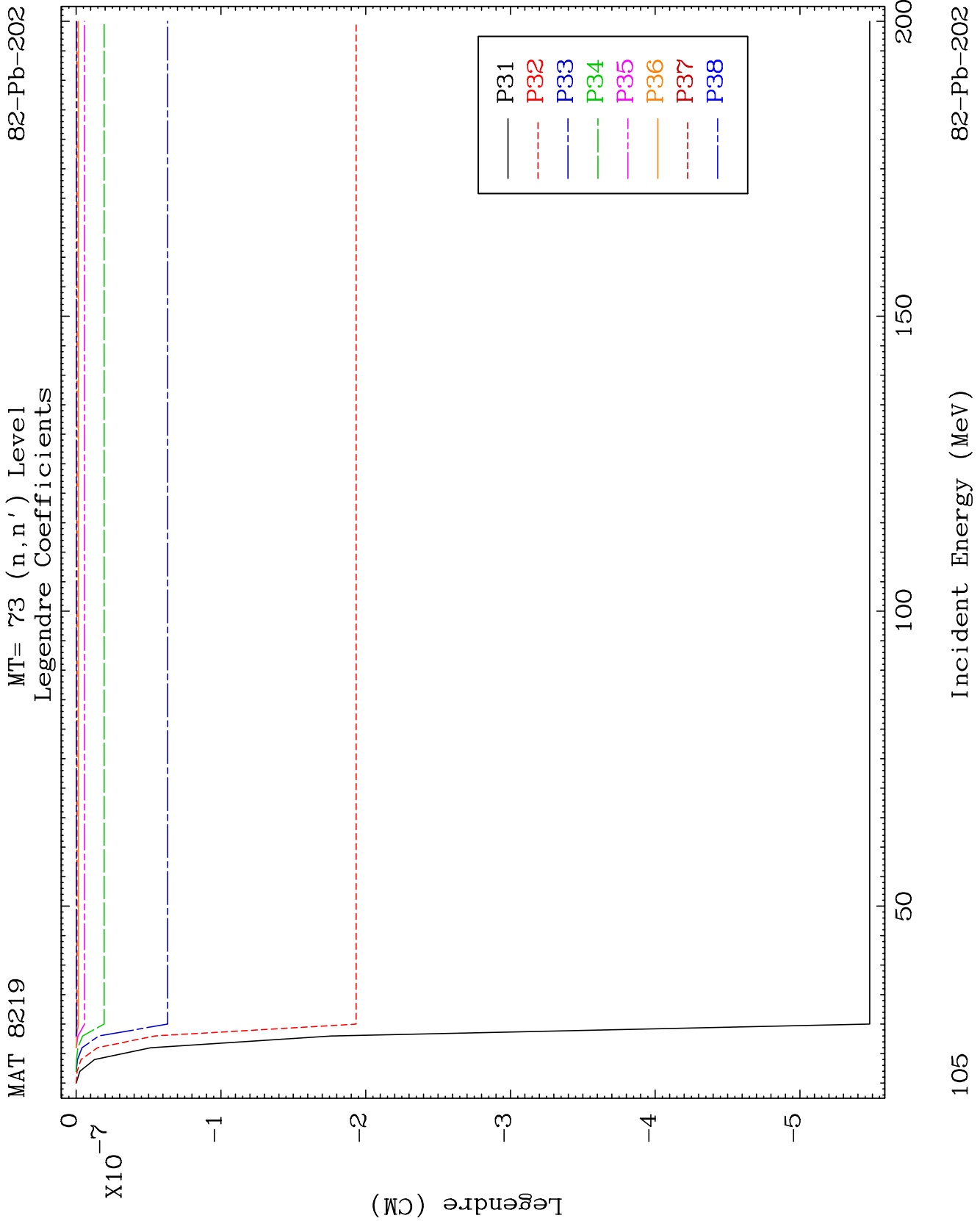
82-Pb-202

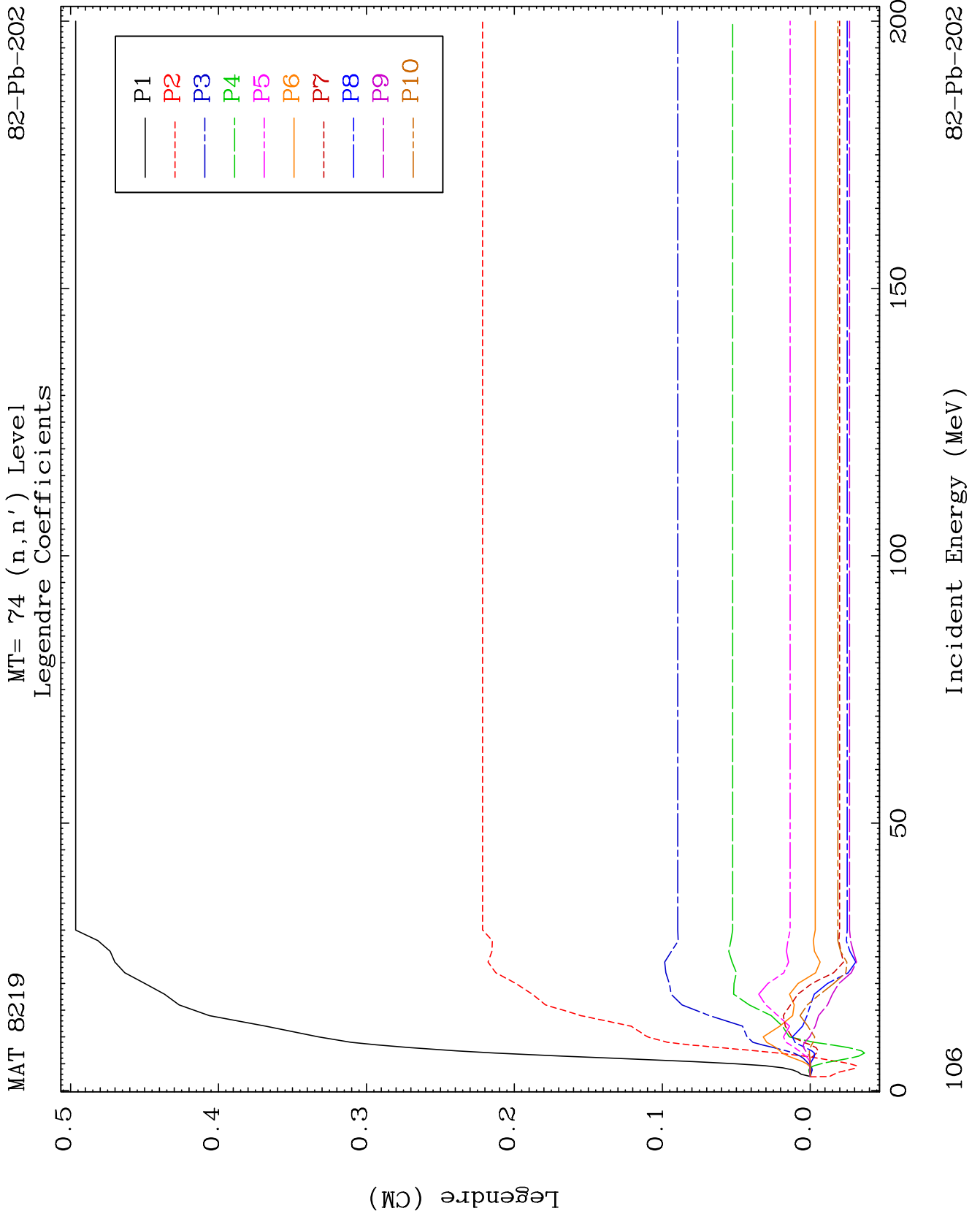


104

Incident Energy (MeV)

82-Pb-202

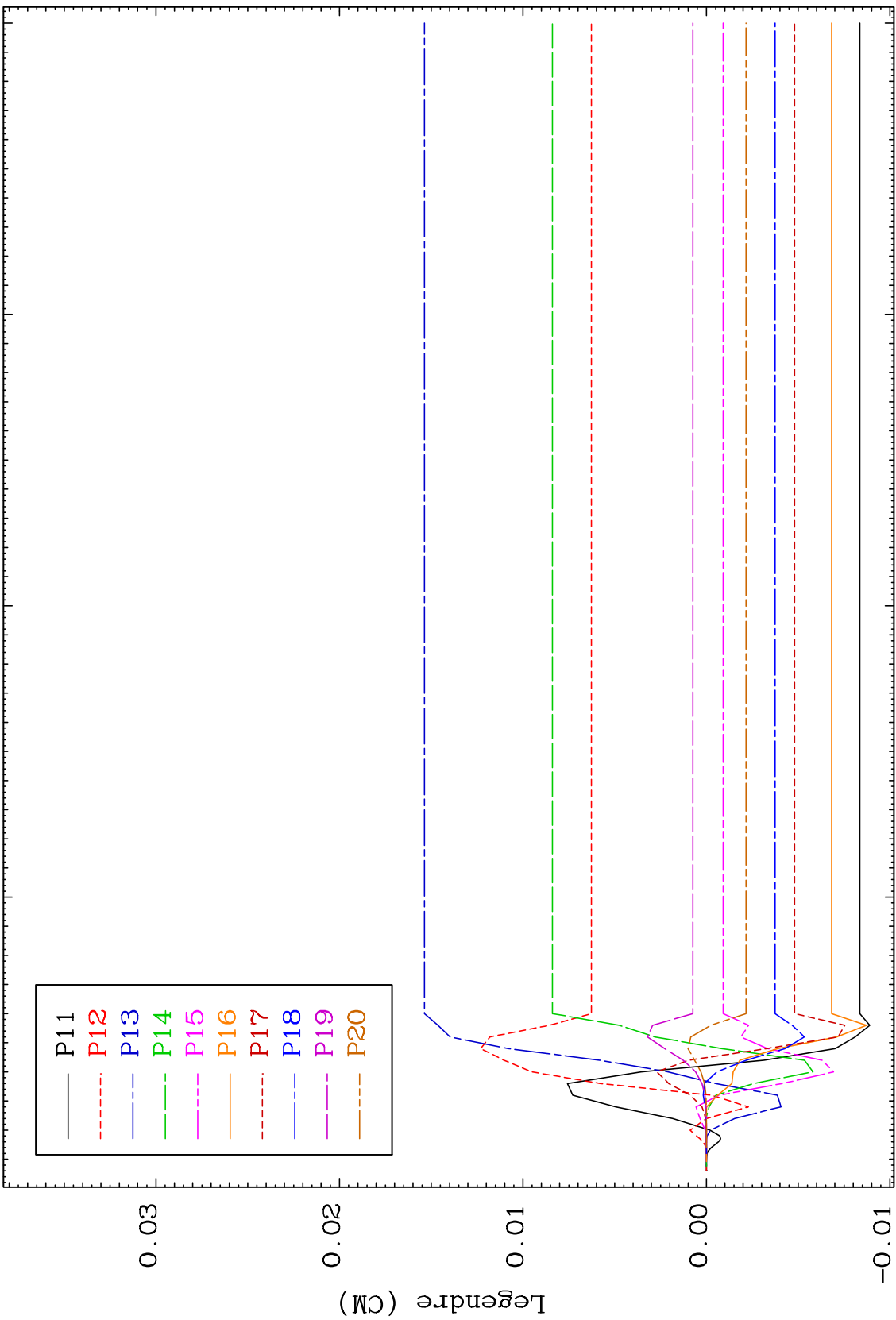




MAT 8219

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

82-Pb-202



107

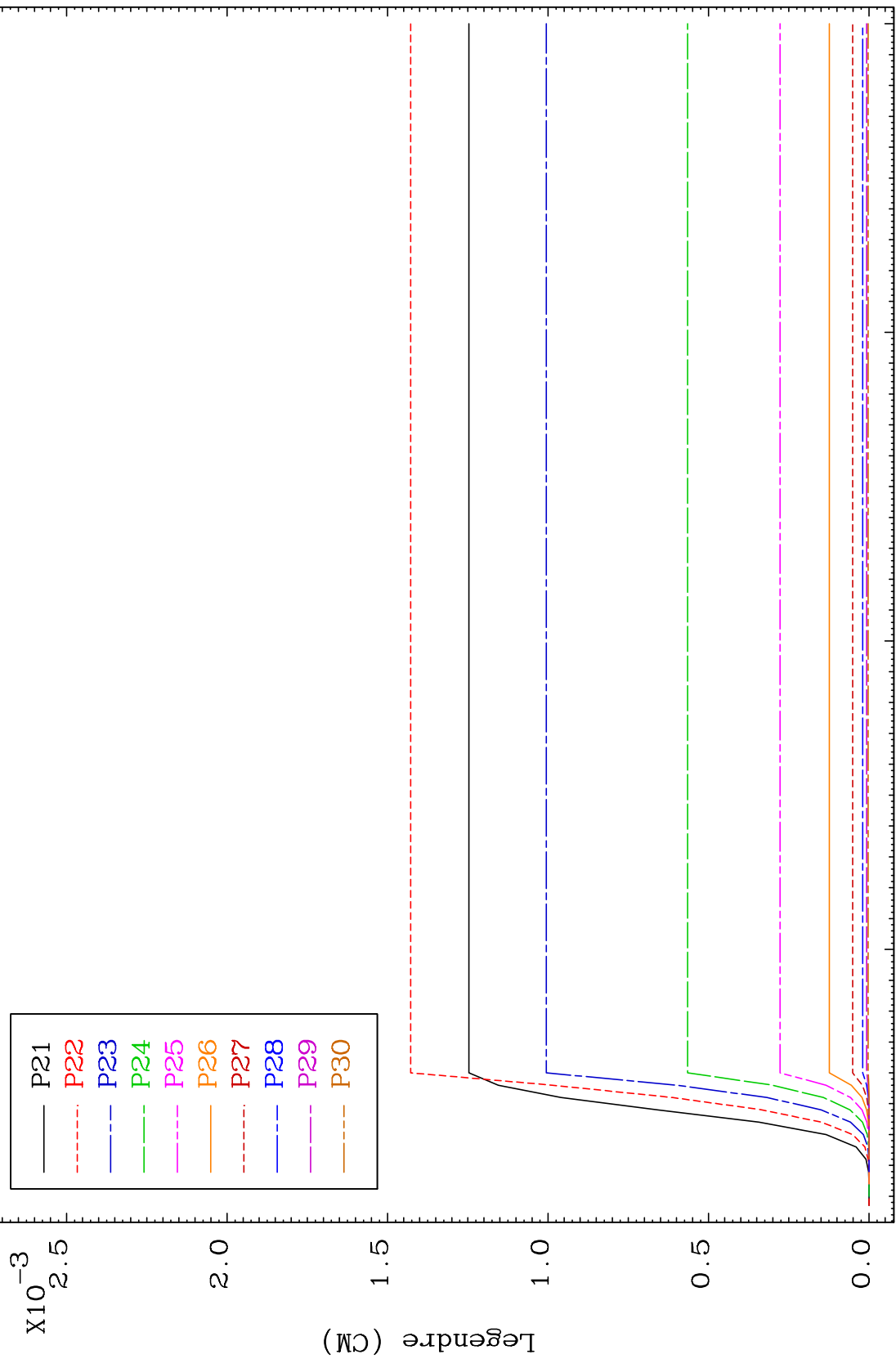
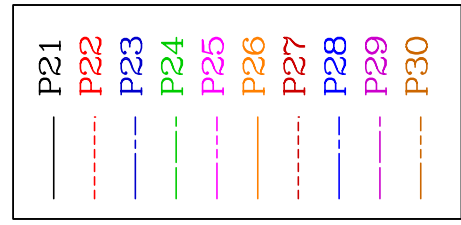
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



108

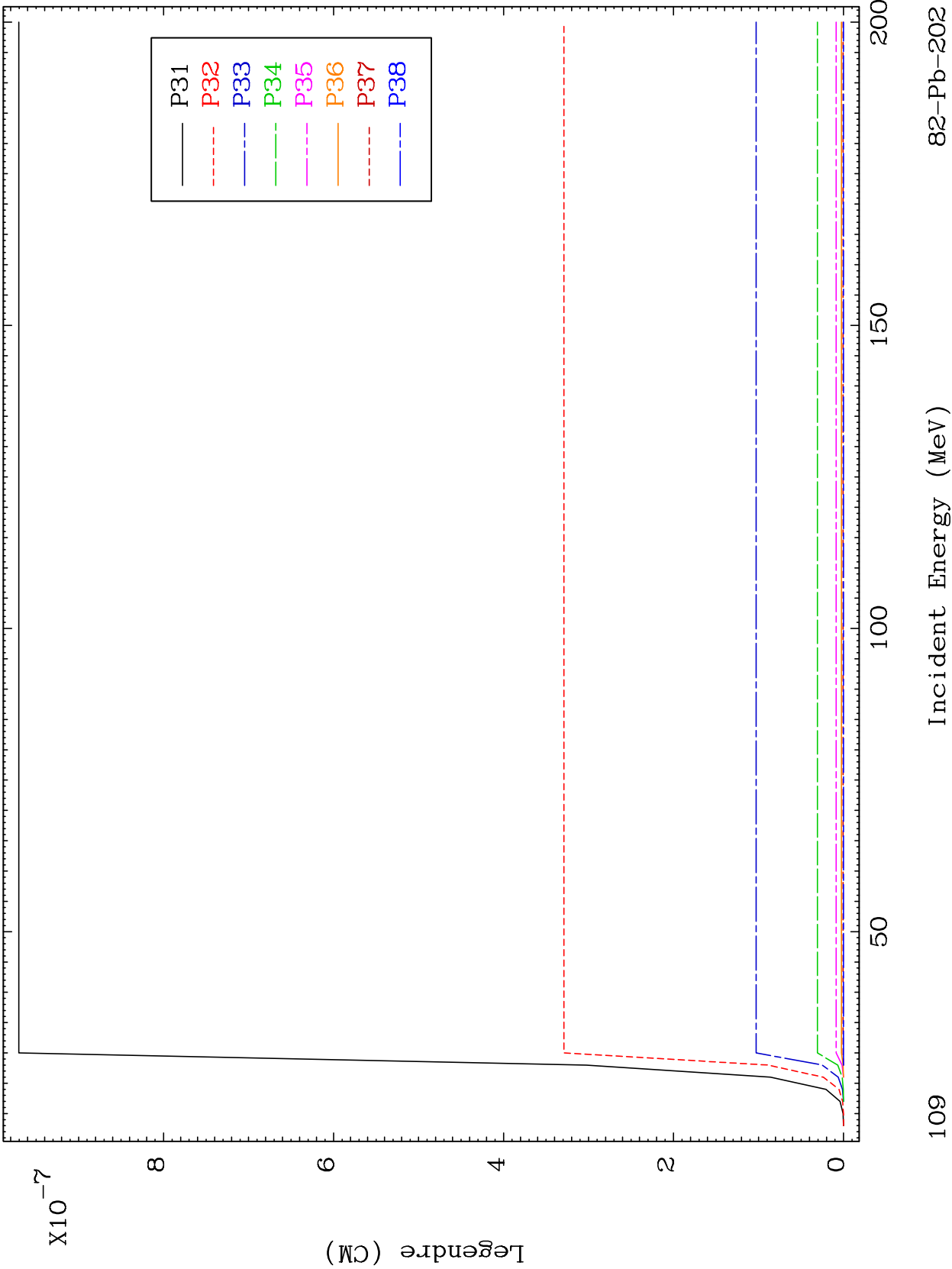
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202

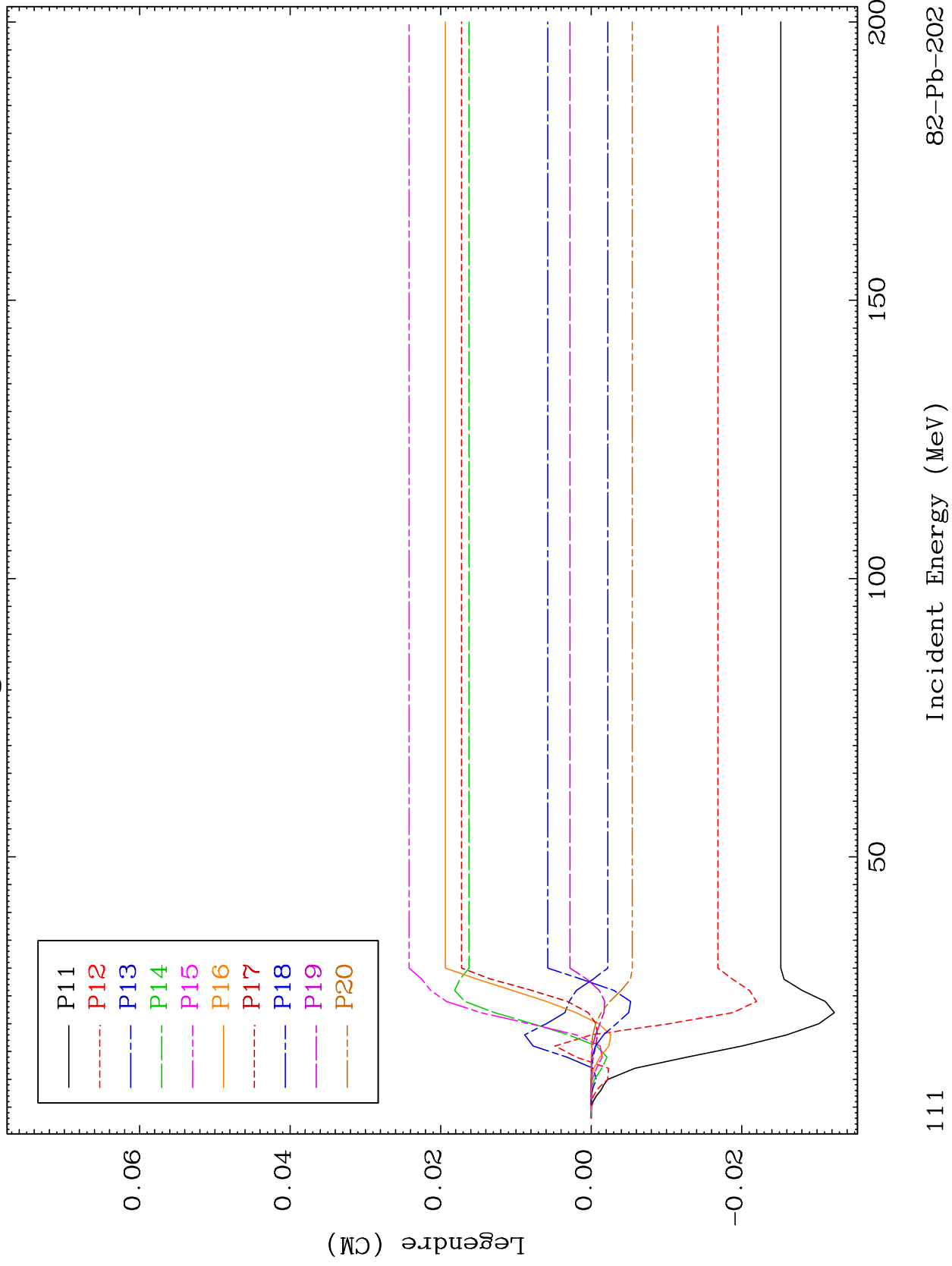


109

MAT 8219

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

82-Pb-202



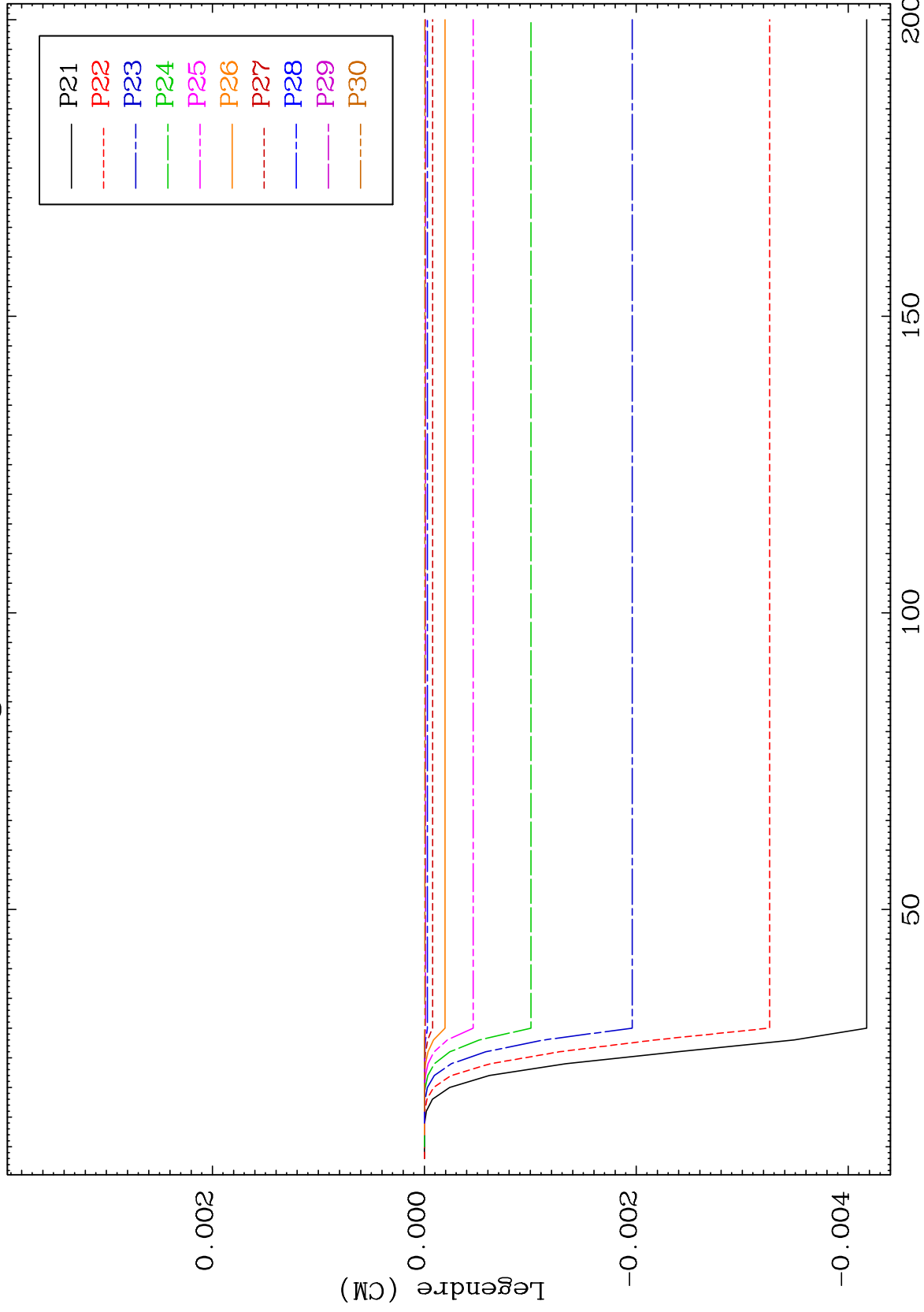
111

82-Pb-202

MAT 8219

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

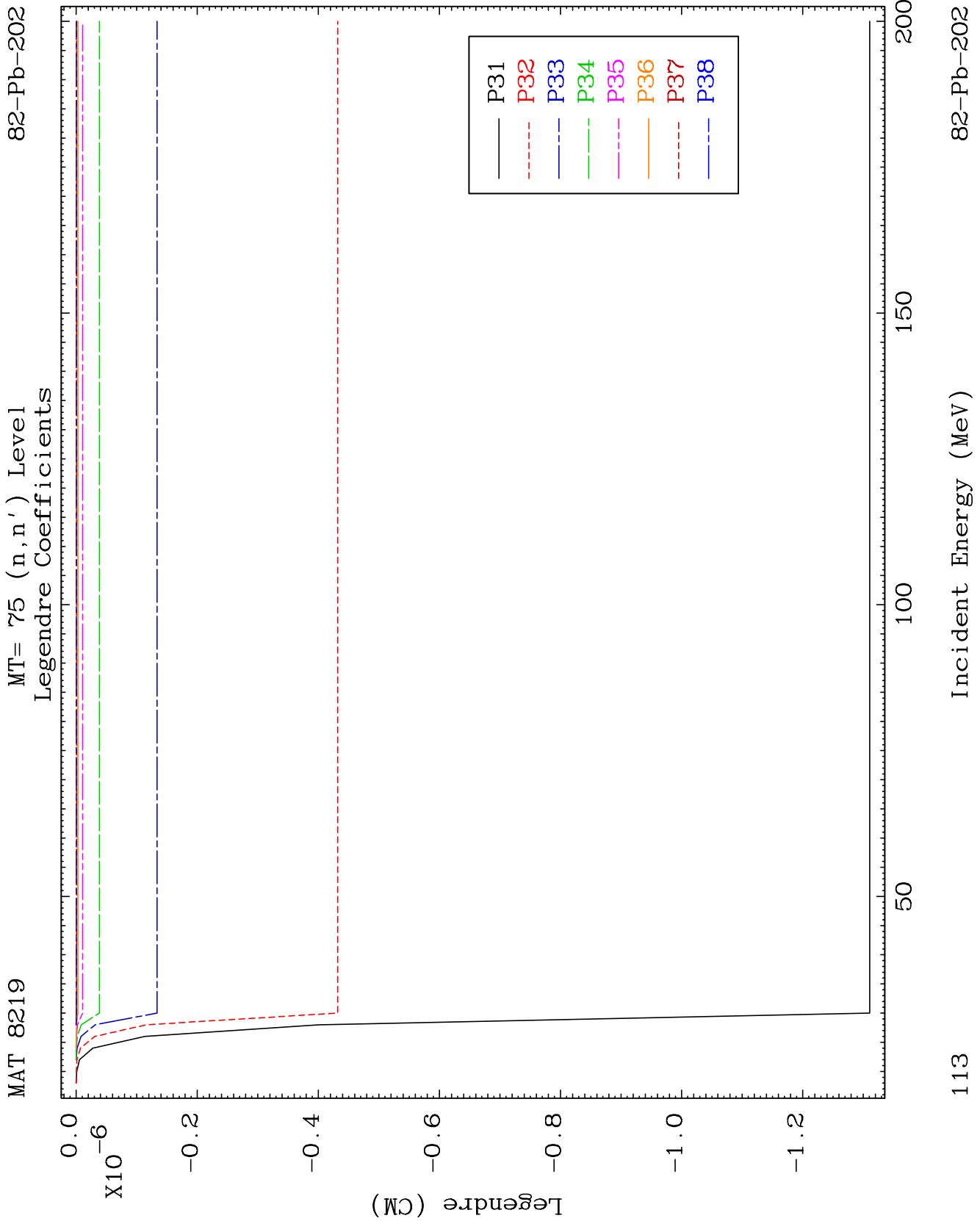
82-Pb-202



112

Incident Energy (MeV)

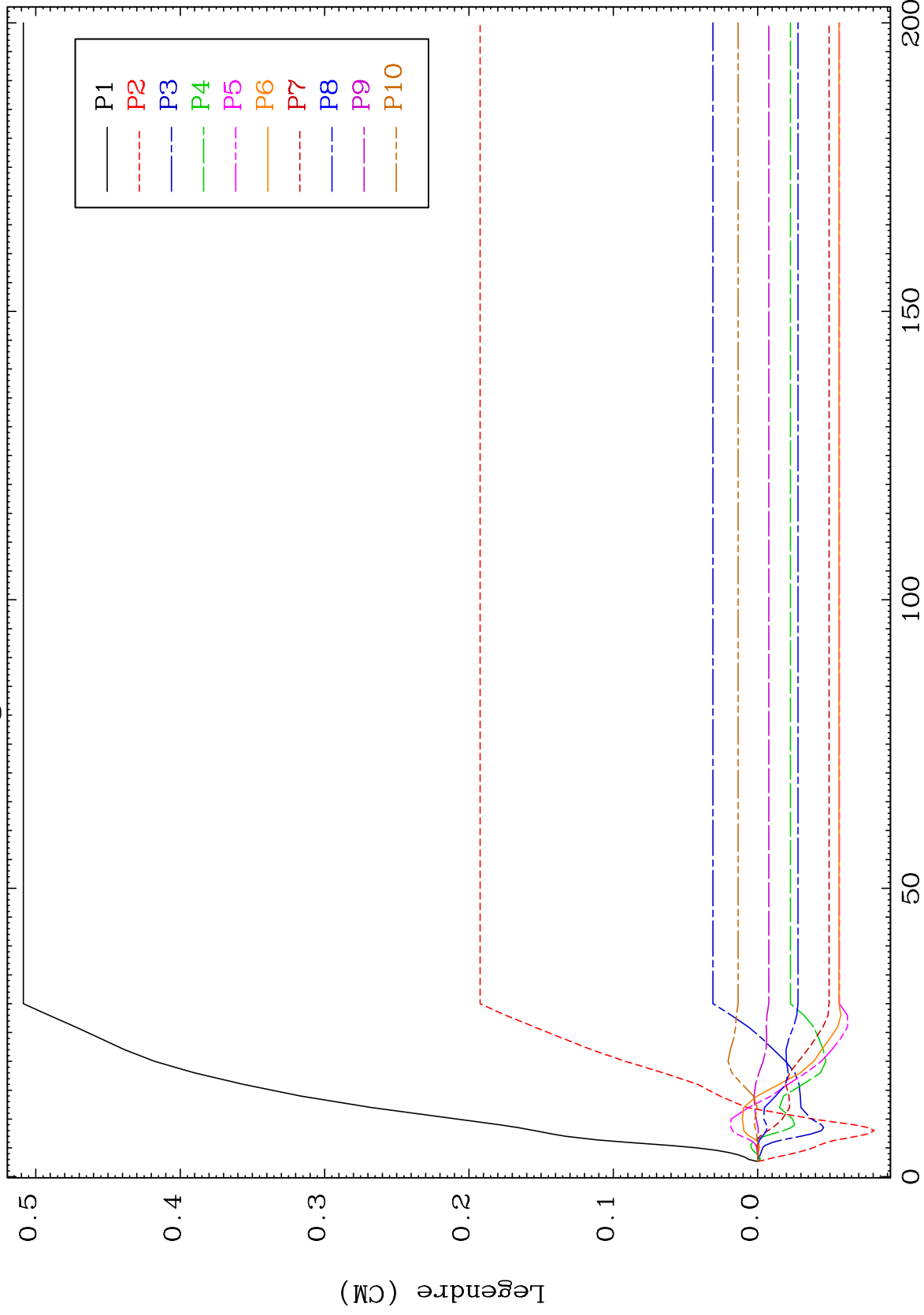
82-Pb-202



MAT 8219

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

82-Pb-202



114

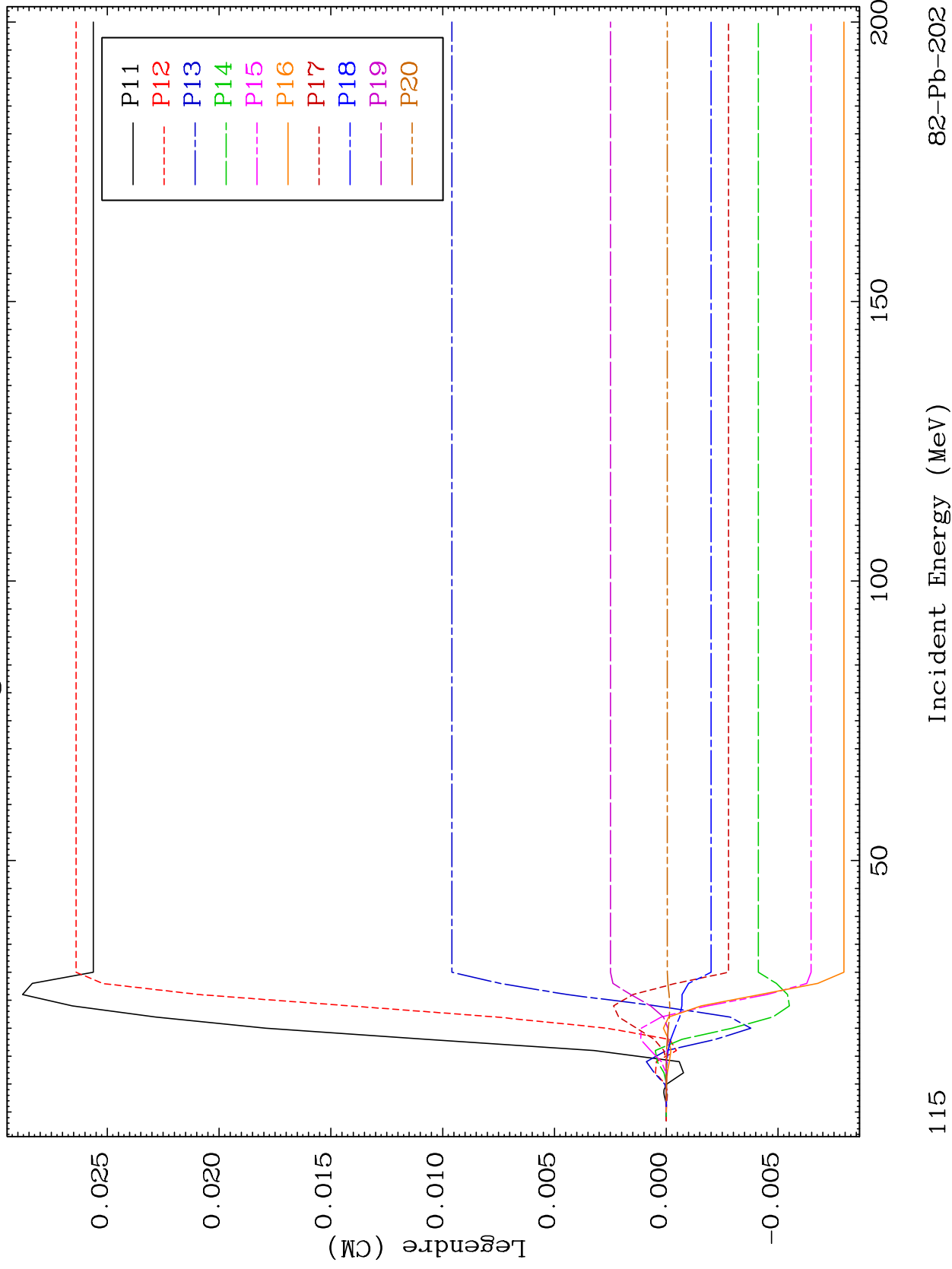
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



115

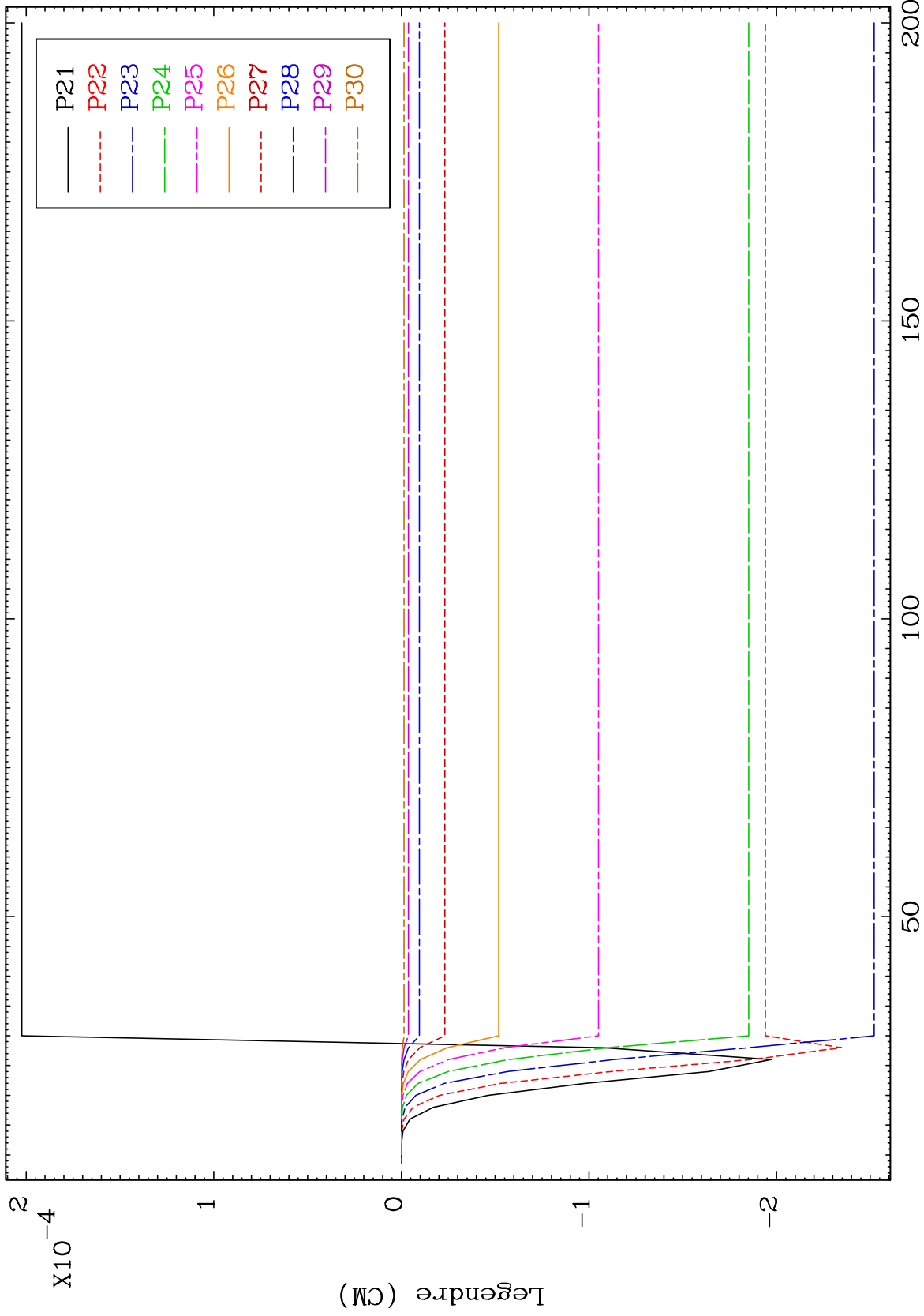
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

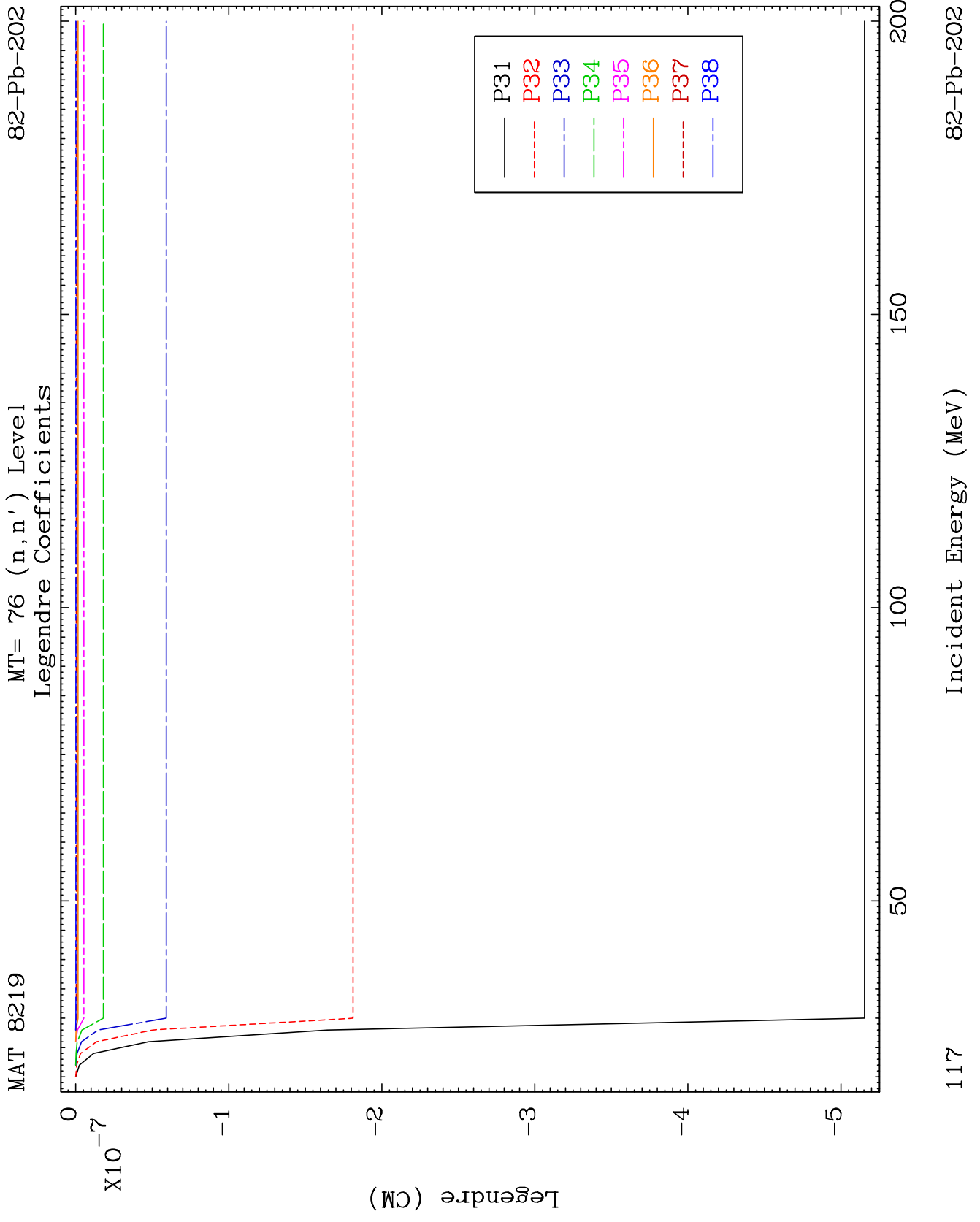
82-Pb-202



116

Incident Energy (MeV)

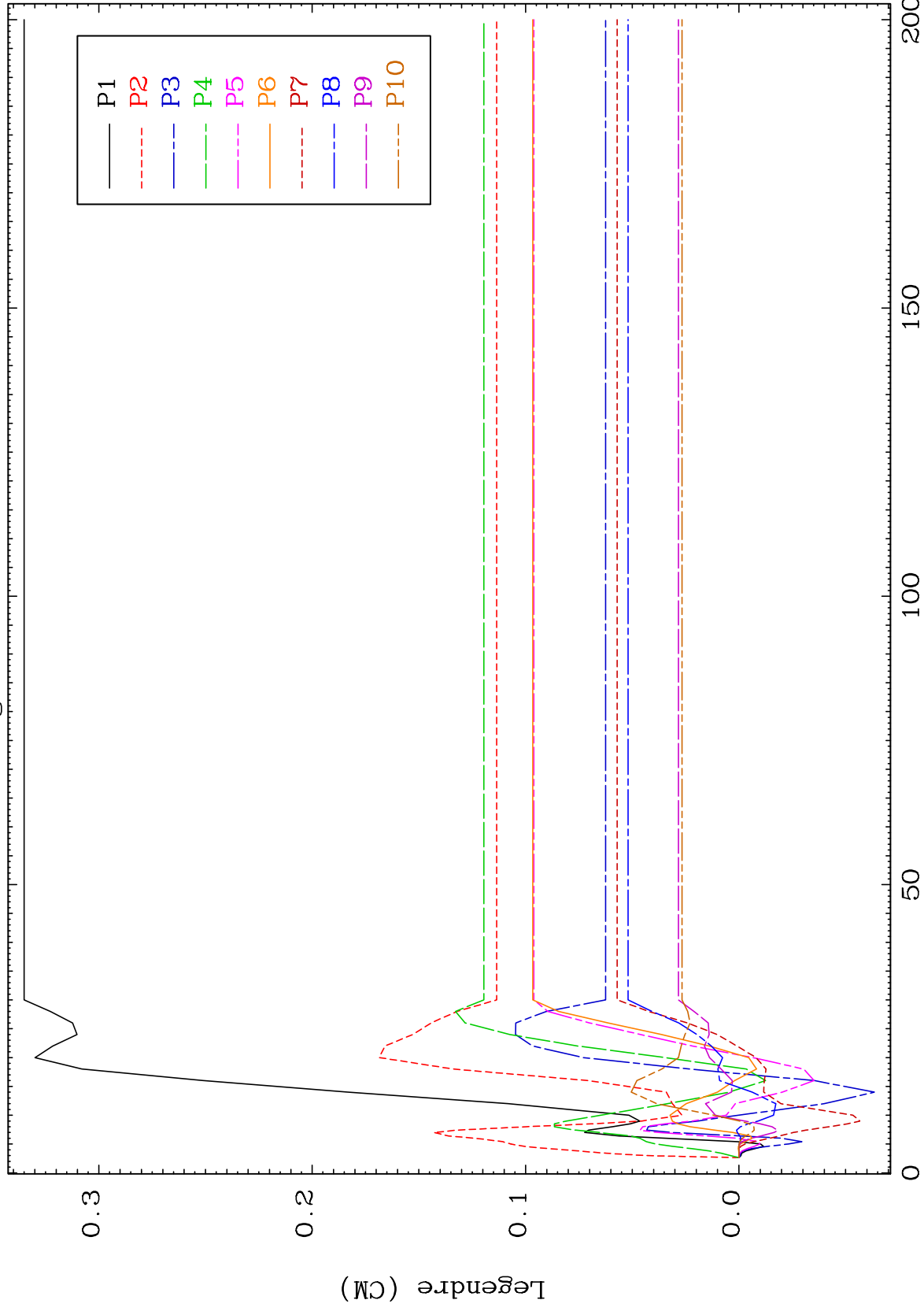
82-Pb-202



MAT 8219

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

82-Pb-202



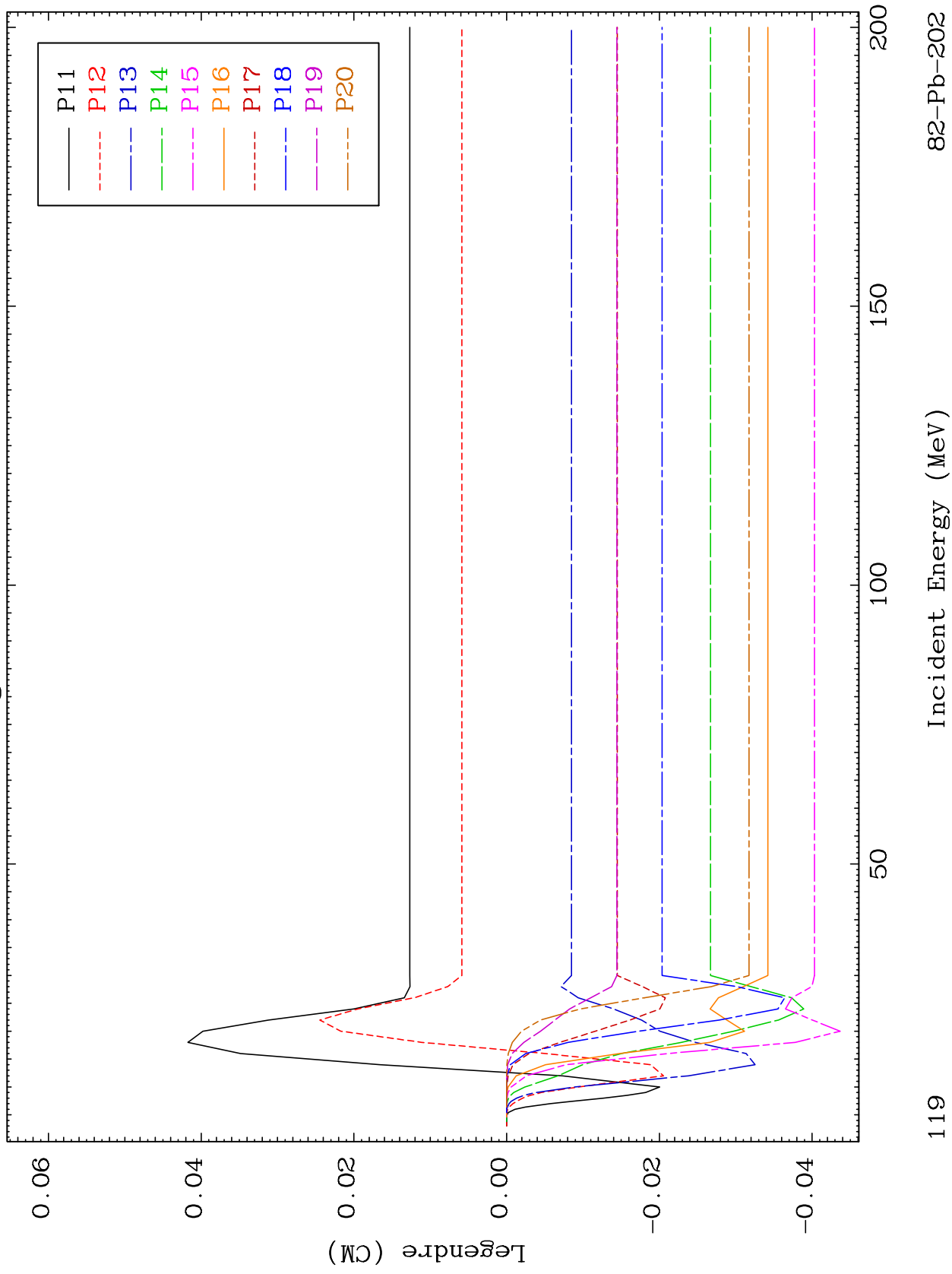
118

82-Pb-202

MAT 8219

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

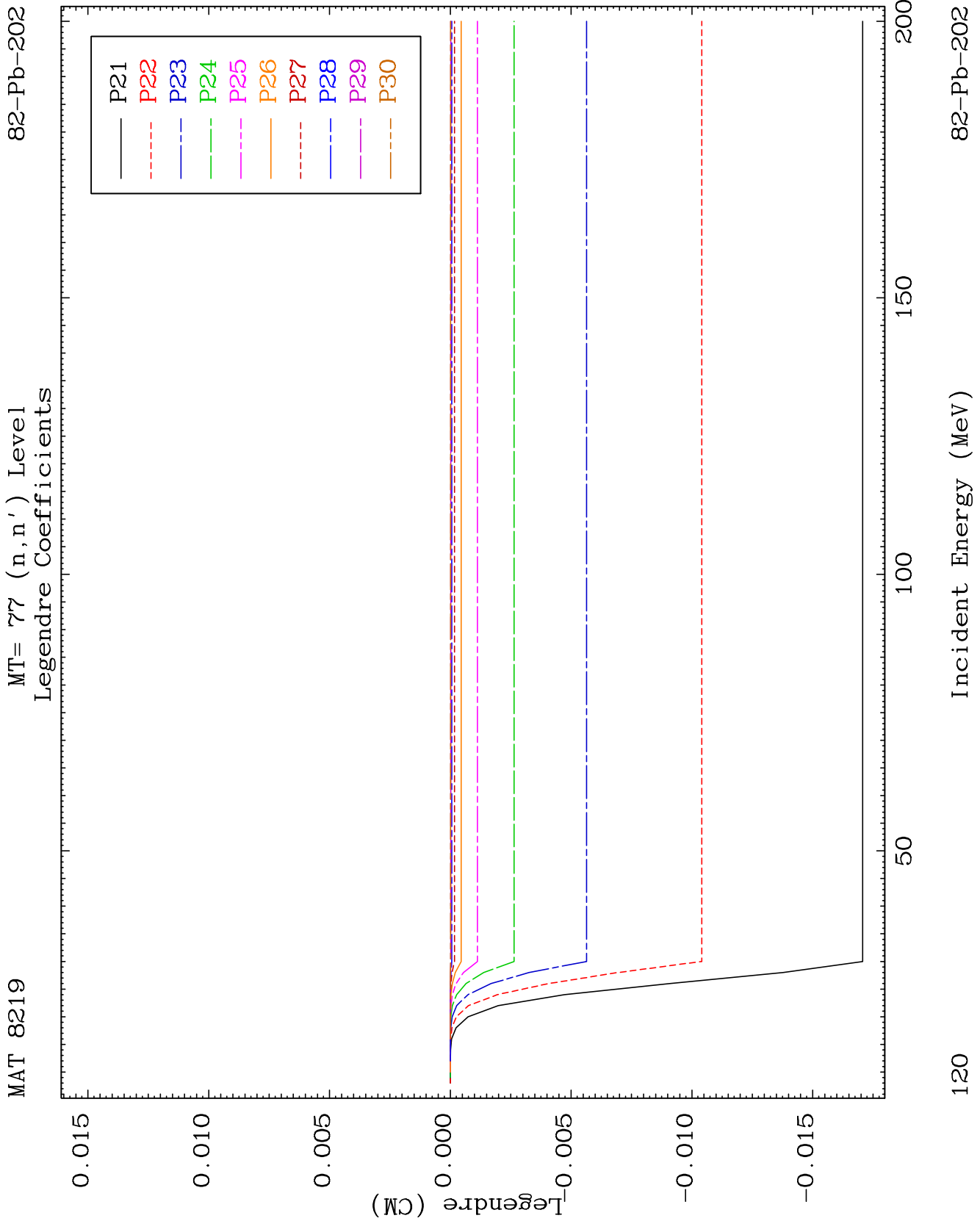
82-Pb-202

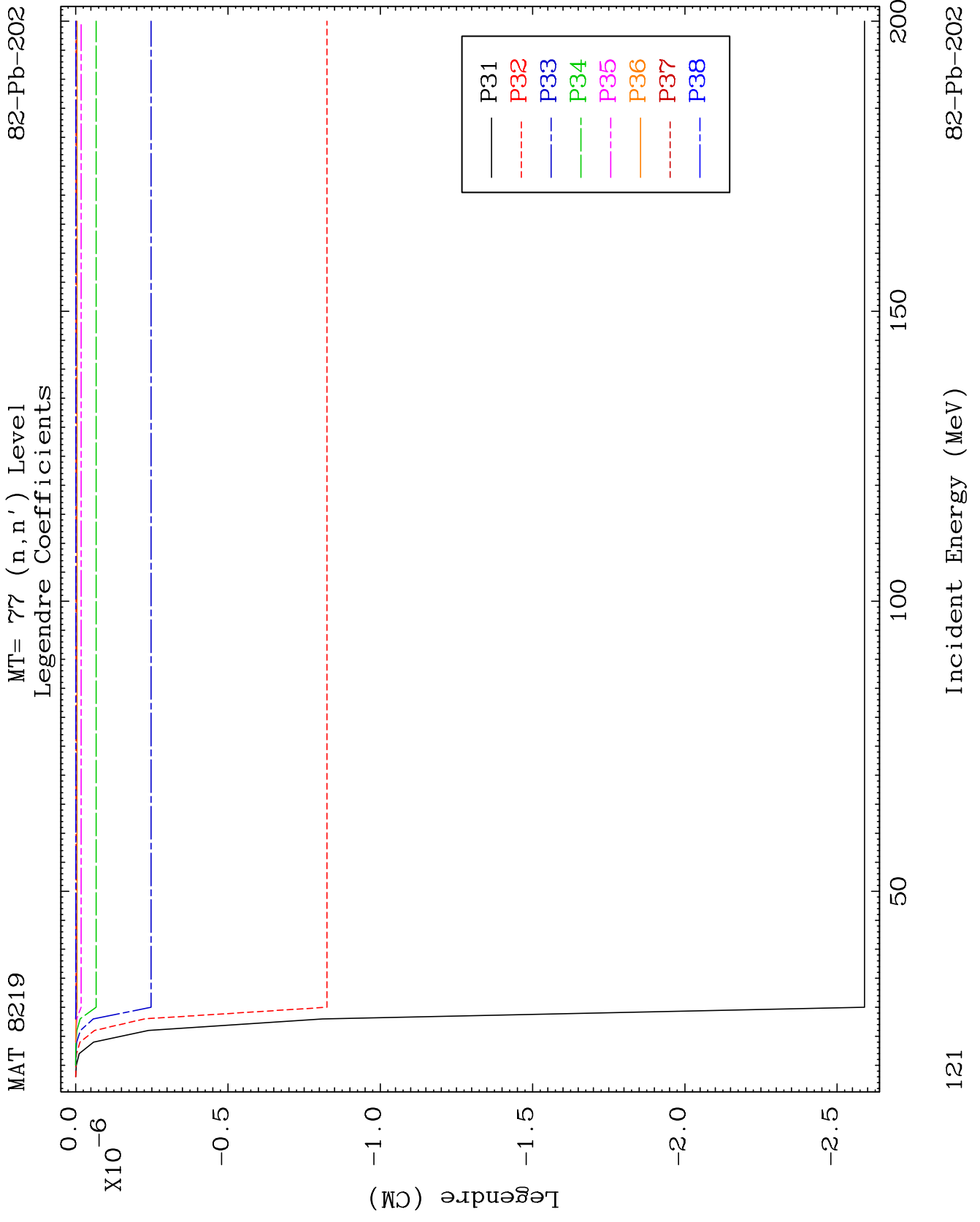


119

Incident Energy (MeV)

82-Pb-202

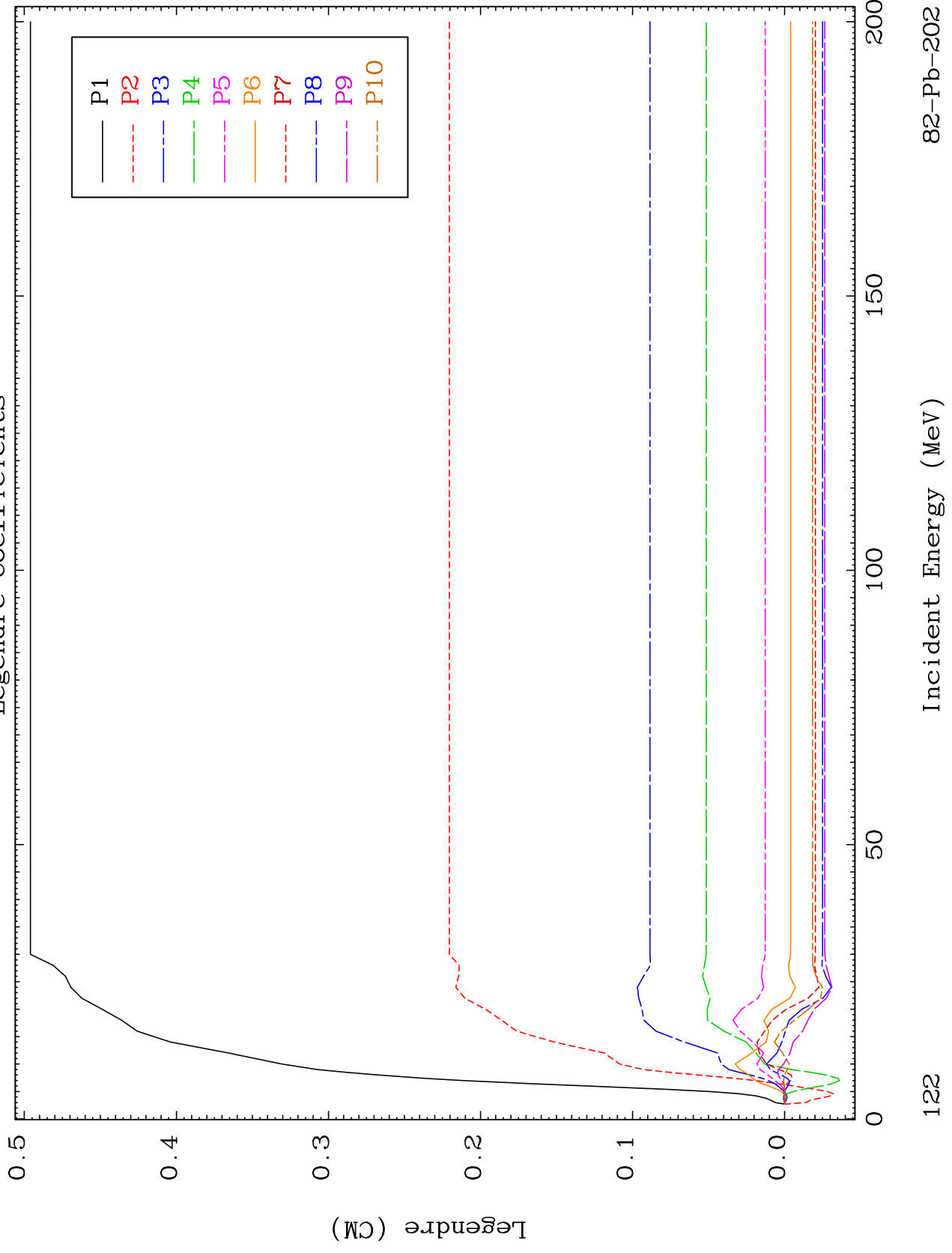




MAT 8219

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

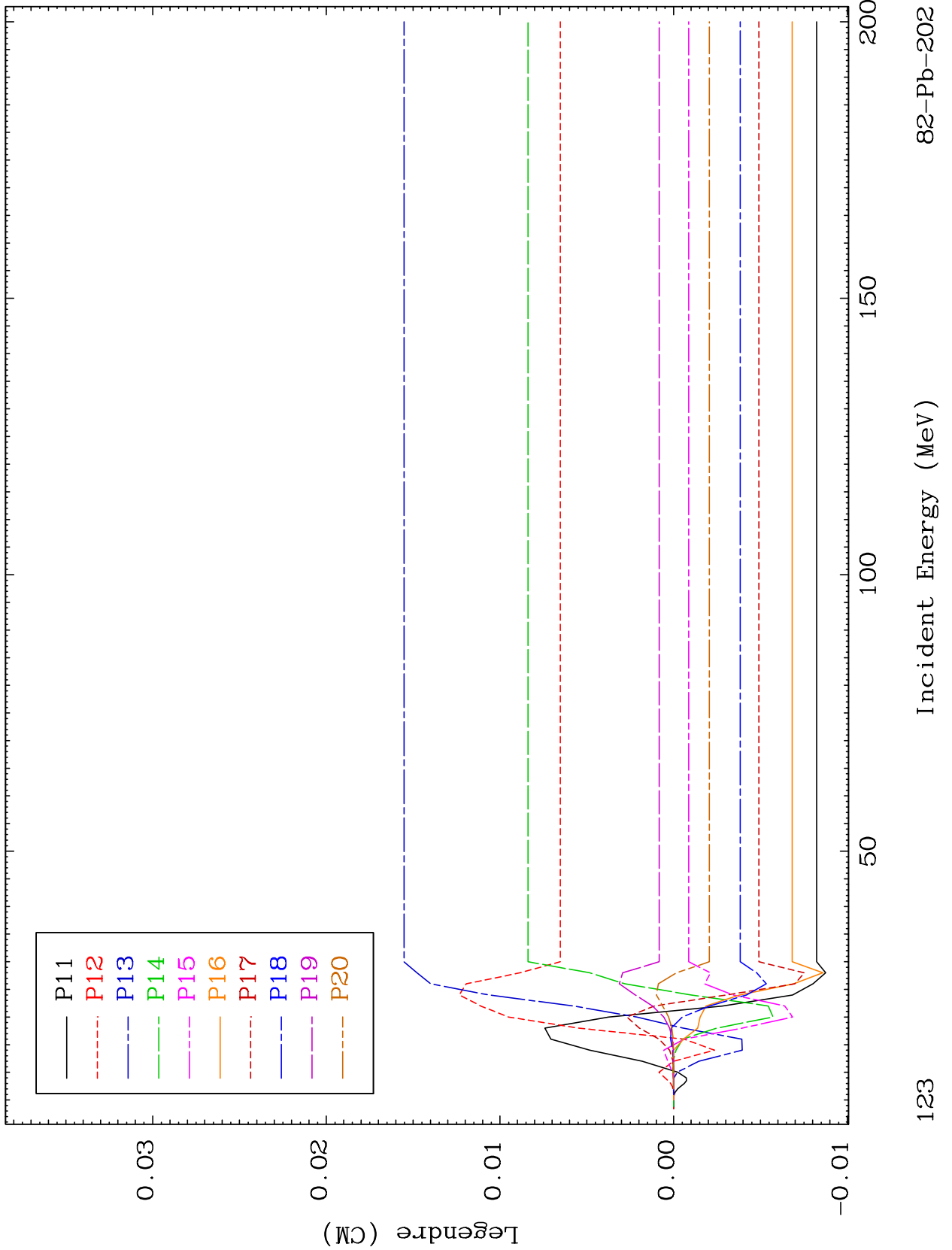
82-Pb-202



MAT 8219

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

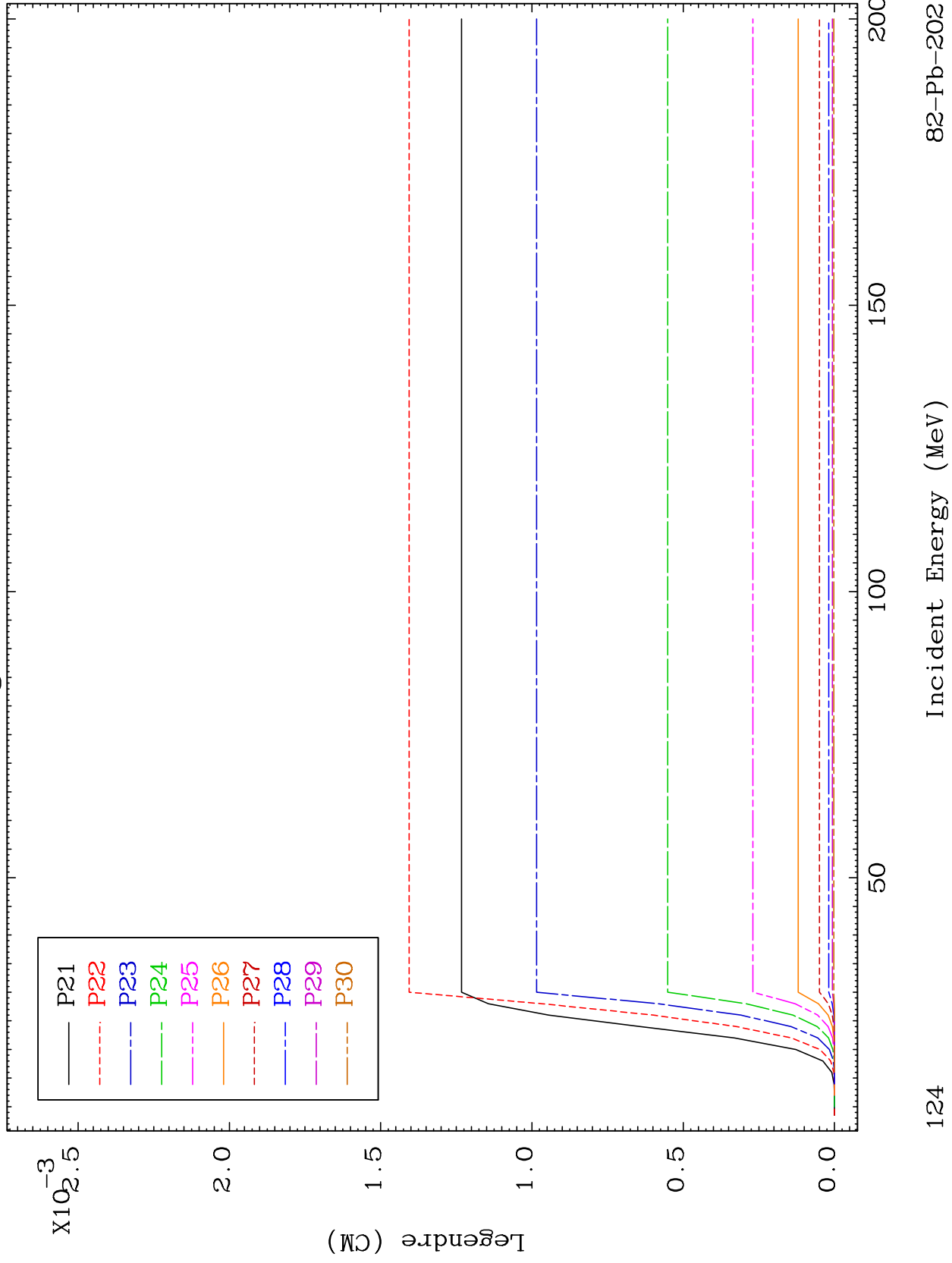
82-Pb-202



MAT 8219

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

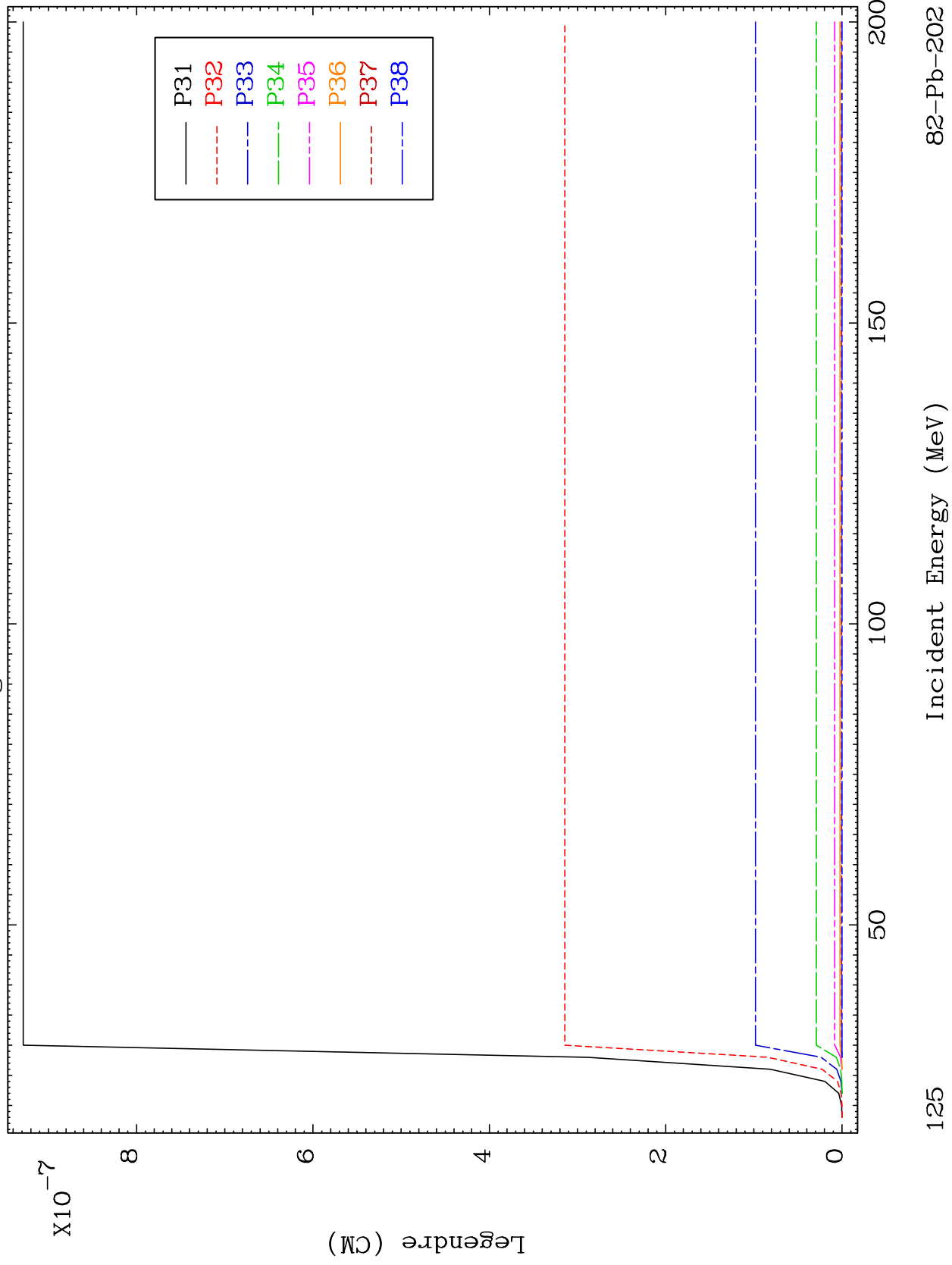
82-Pb-202



MAT 8219

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

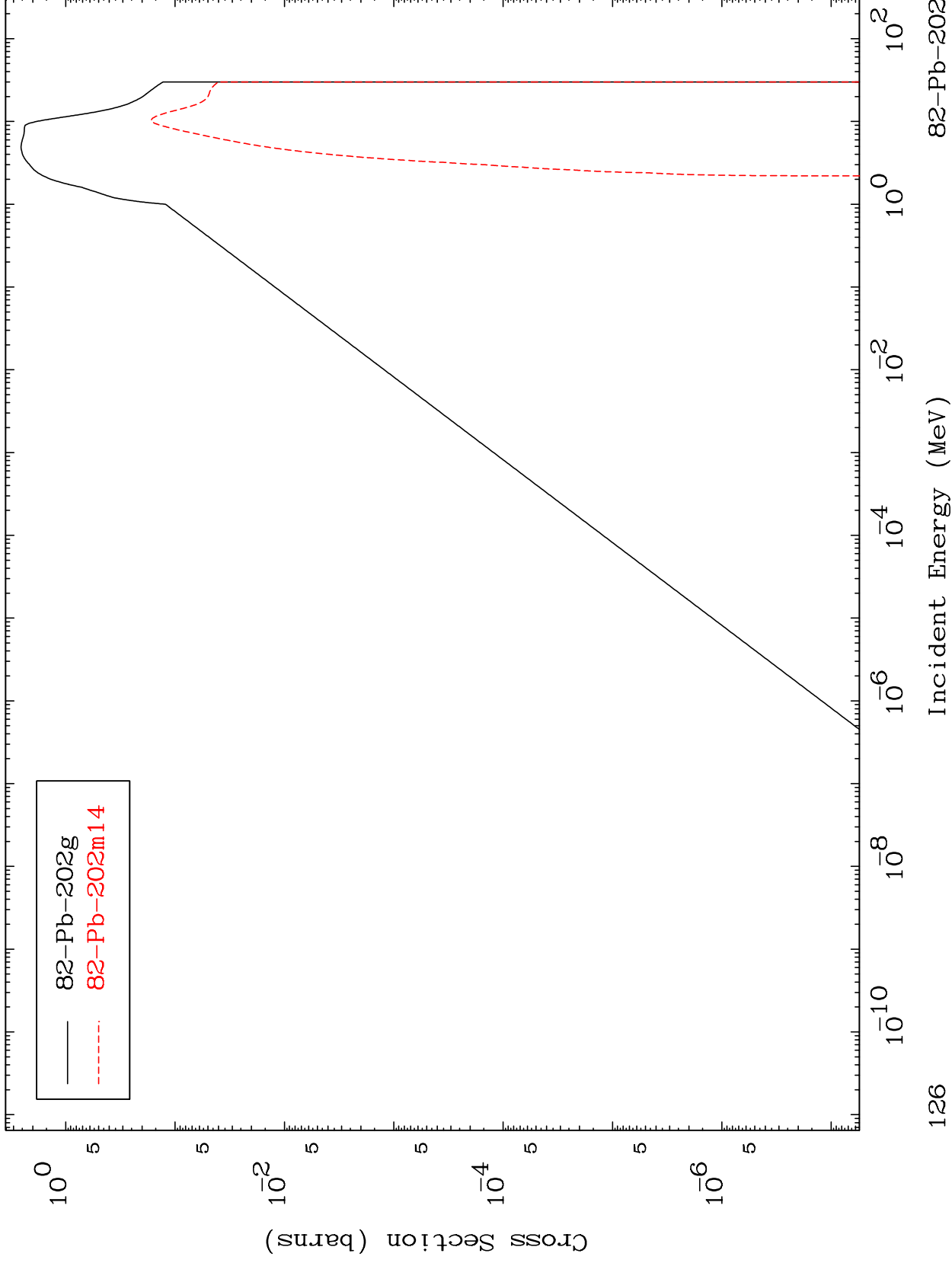
82-Pb-202



MAT 8219

Inelastic
Radionuclide Production Cross Section

82-Pb-202

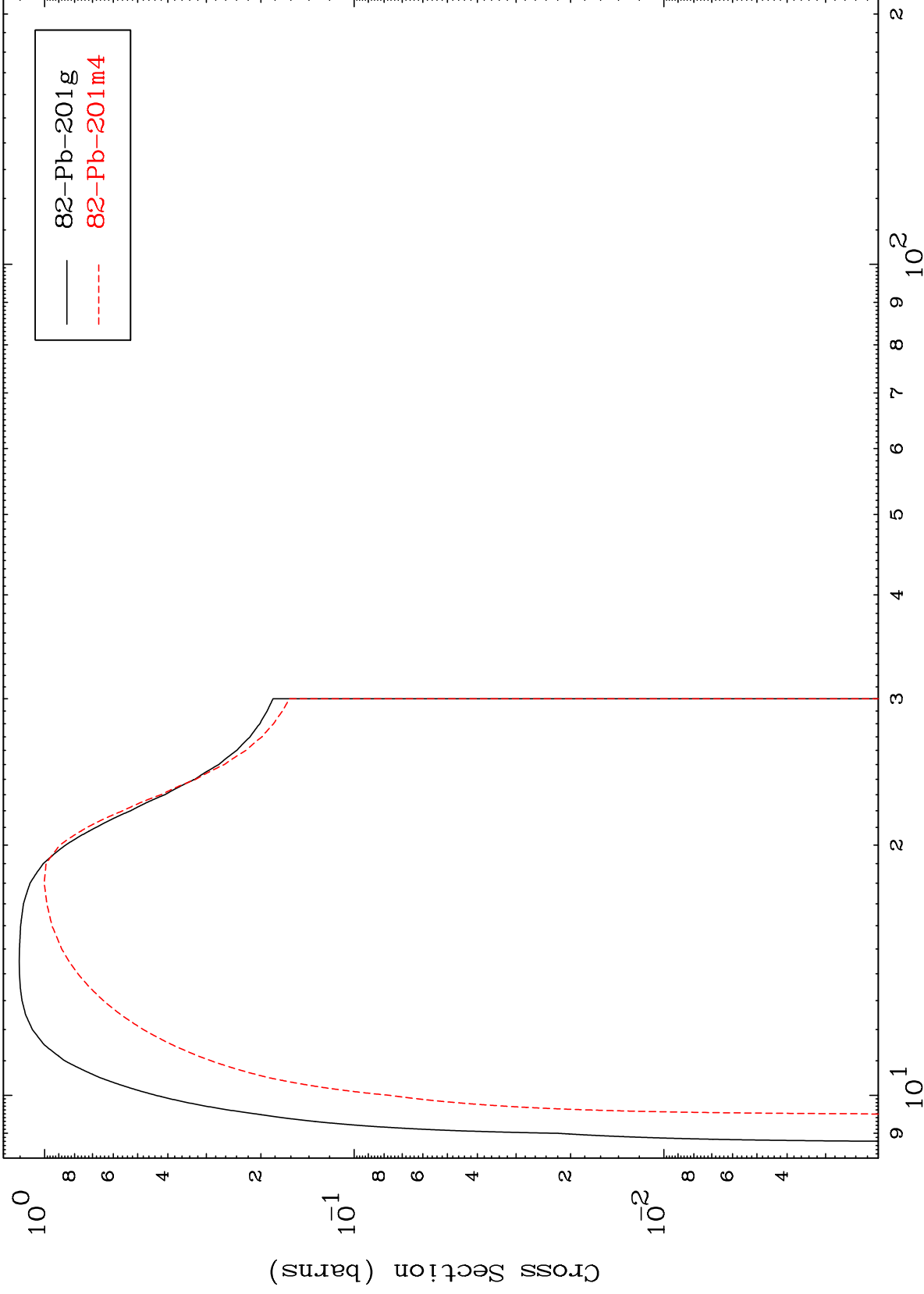


MAT 8219

(n,2n)

82-Pb-202

Radionuclide Production Cross Section



127

Incident Energy (MeV)

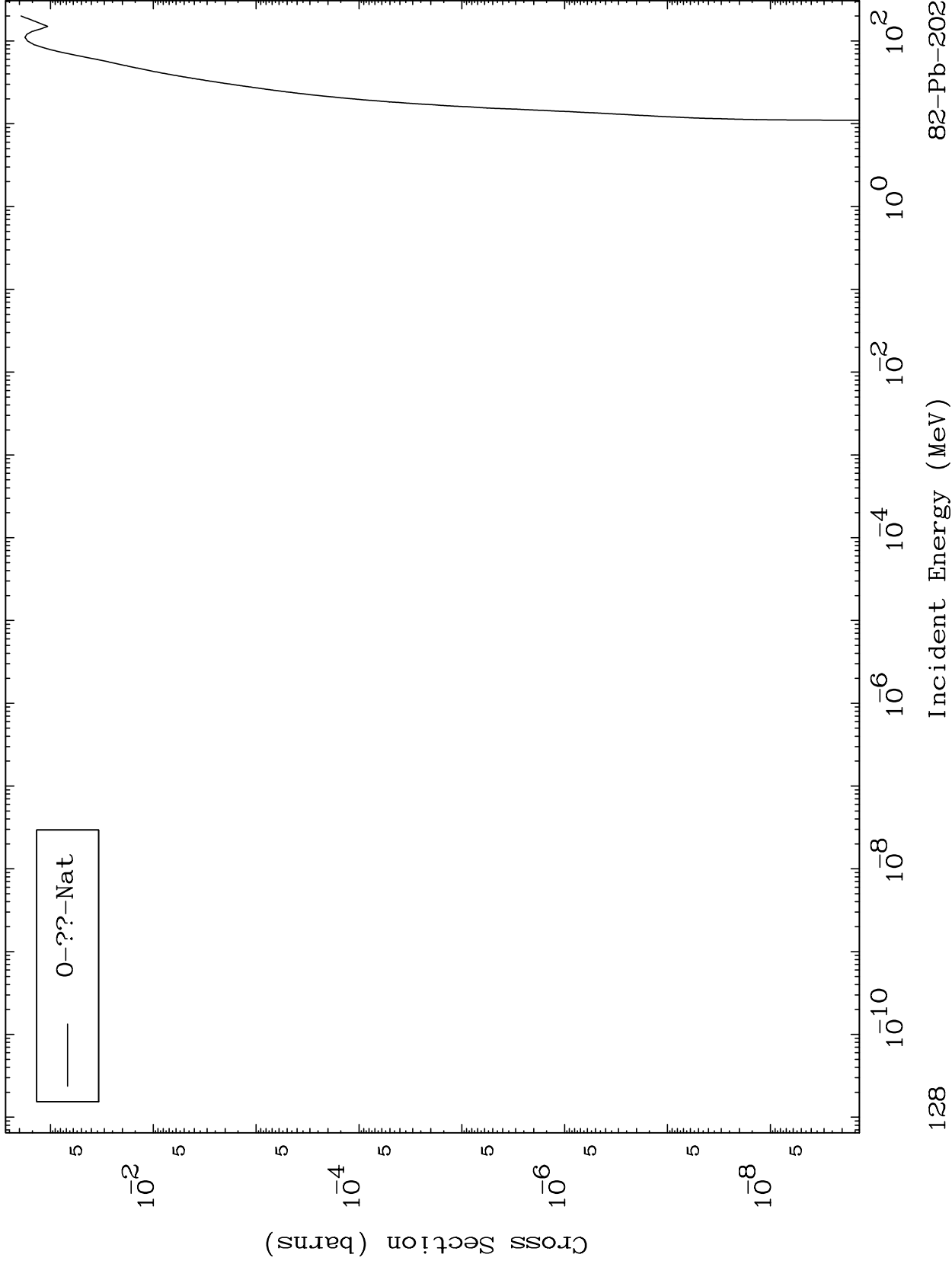
82-Pb-202

MAT 8219

Fission

82-Pb-202

Radionuclide Production Cross Section

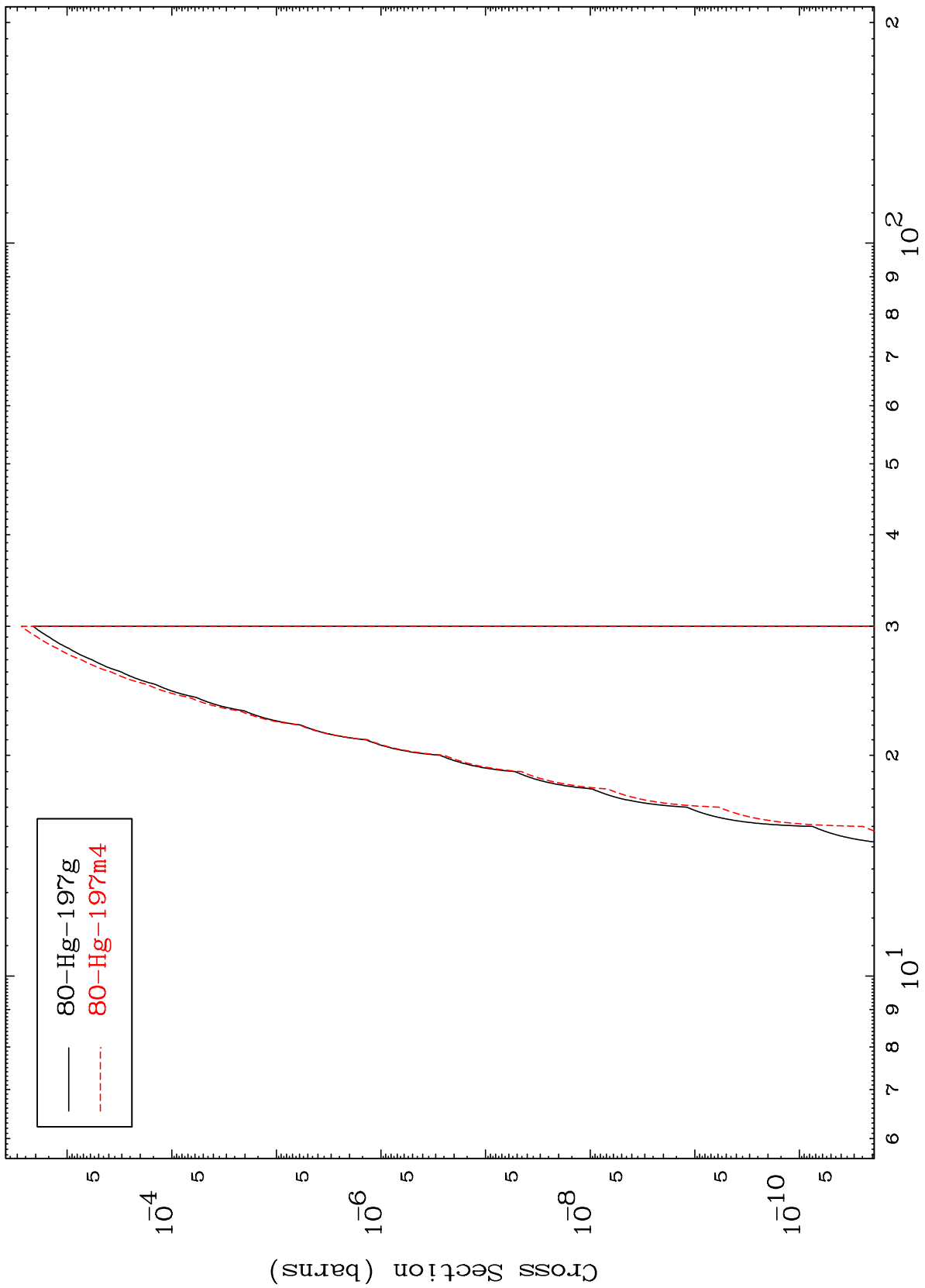


MAT 8219

(n,2n) α

82-Pb-202

Radionuclide Production Cross Section



80-Hg-197g
80-Hg-197m4

129

Incident Energy (MeV)

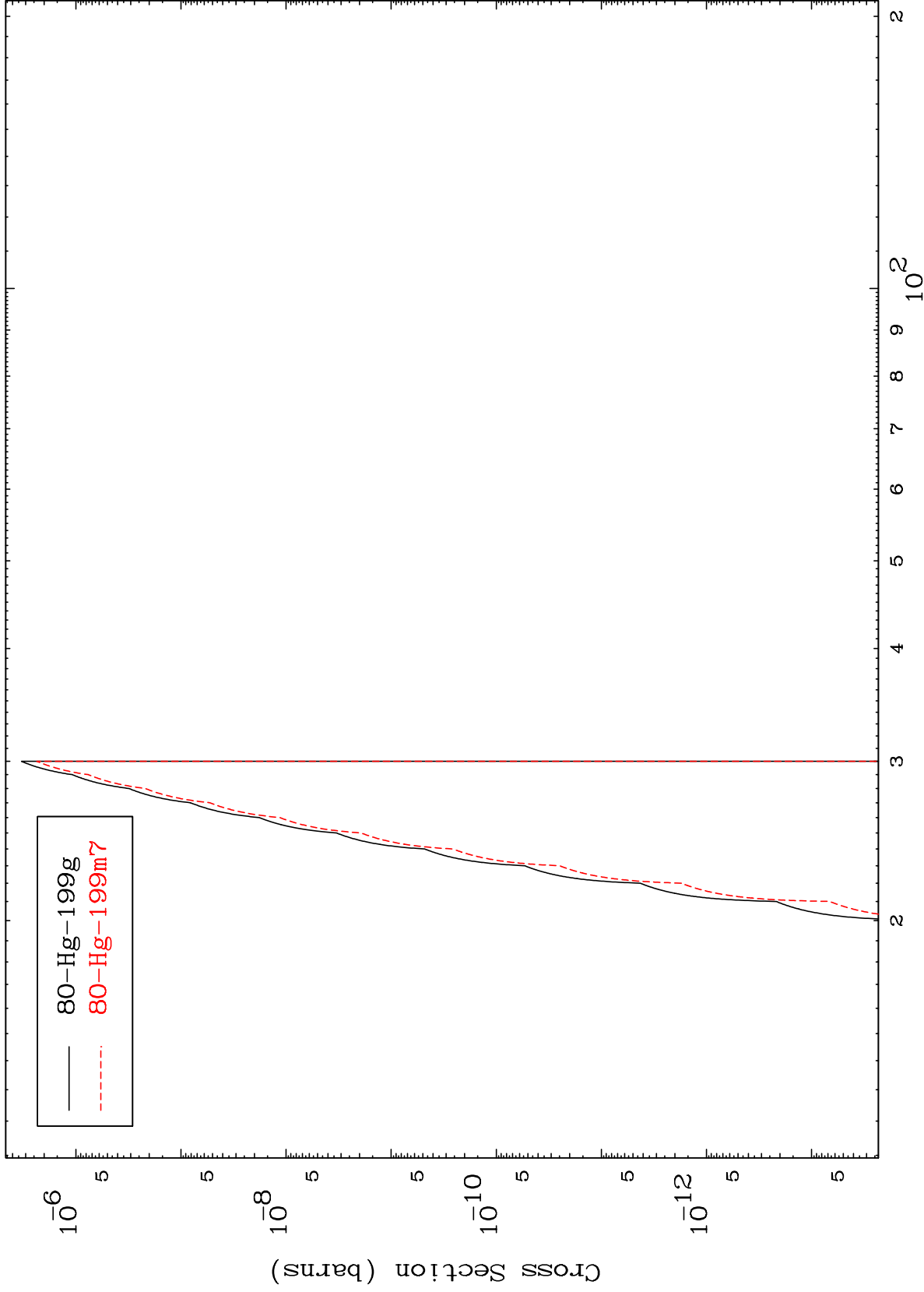
82-Pb-202

MAT 8219

(n,n') He-3

82-Pb-202

Radionuclide Production Cross Section



130

Incident Energy (MeV)

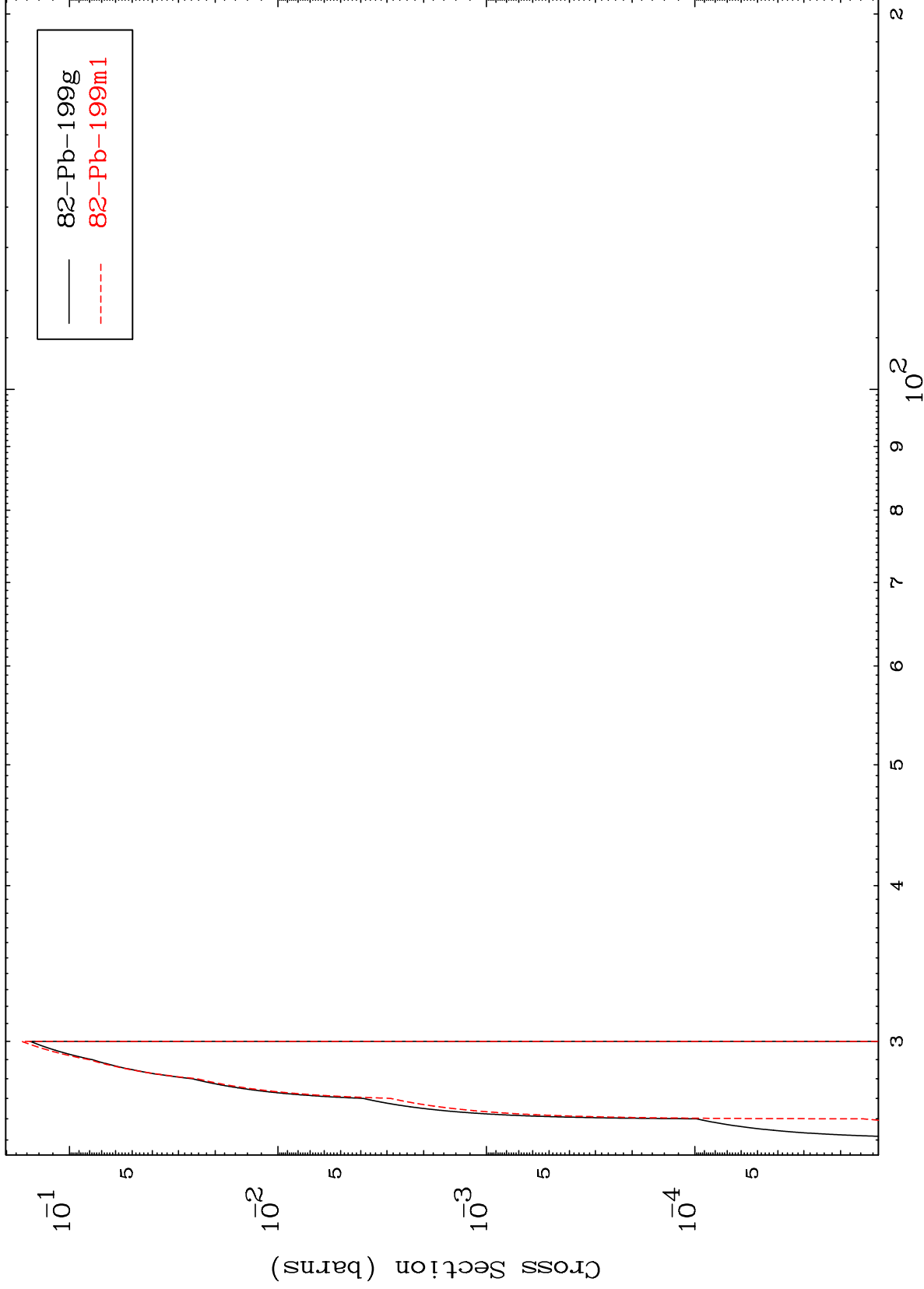
82-Pb-202

MAT 8219

(n,4n)

82-Pb-202

Radionuclide Production Cross Section



131

Incident Energy (MeV)

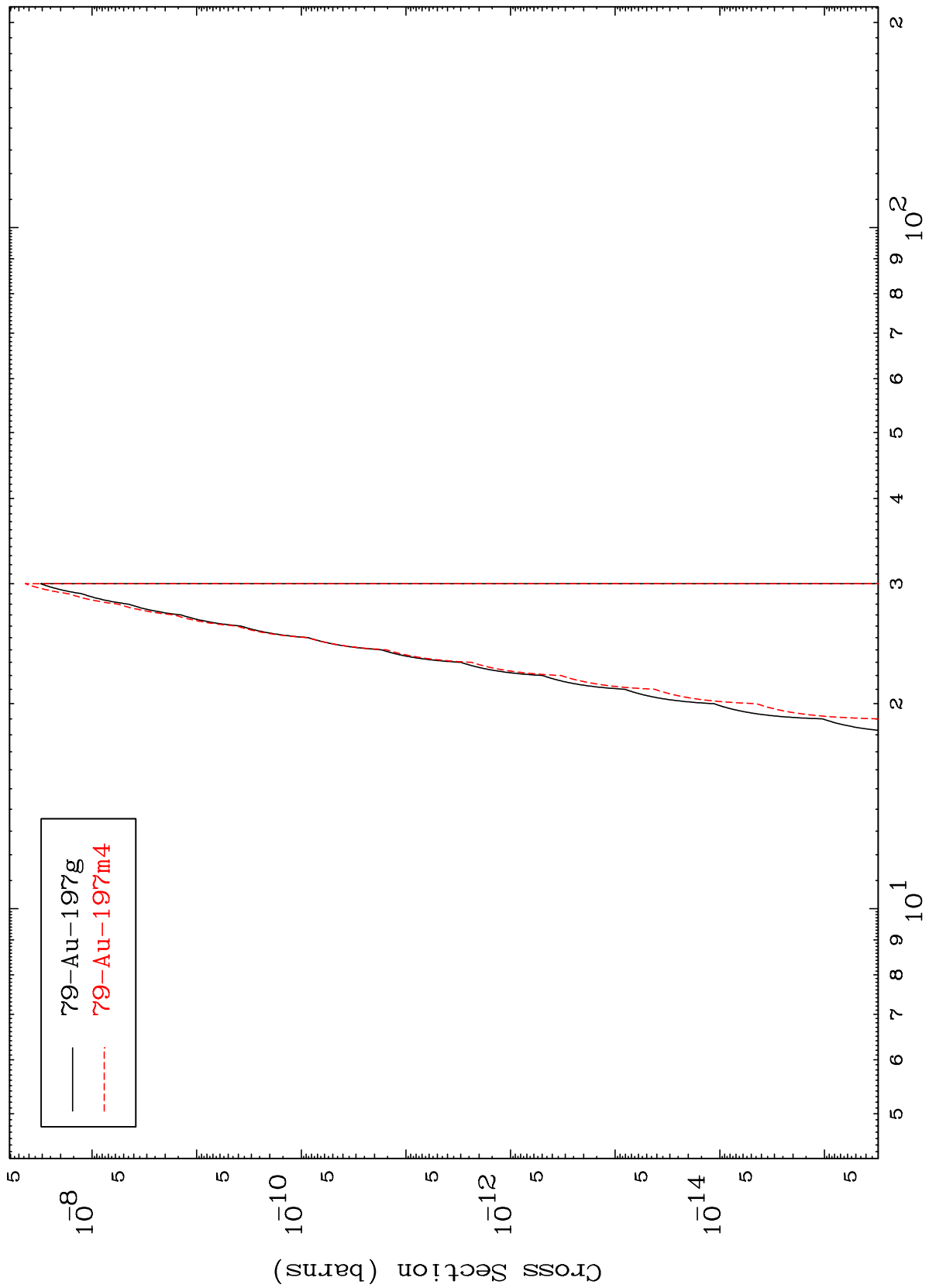
82-Pb-202

MAT 8219

(n,n') p α

82-Pb-202

Radionuclide Production Cross Section



132

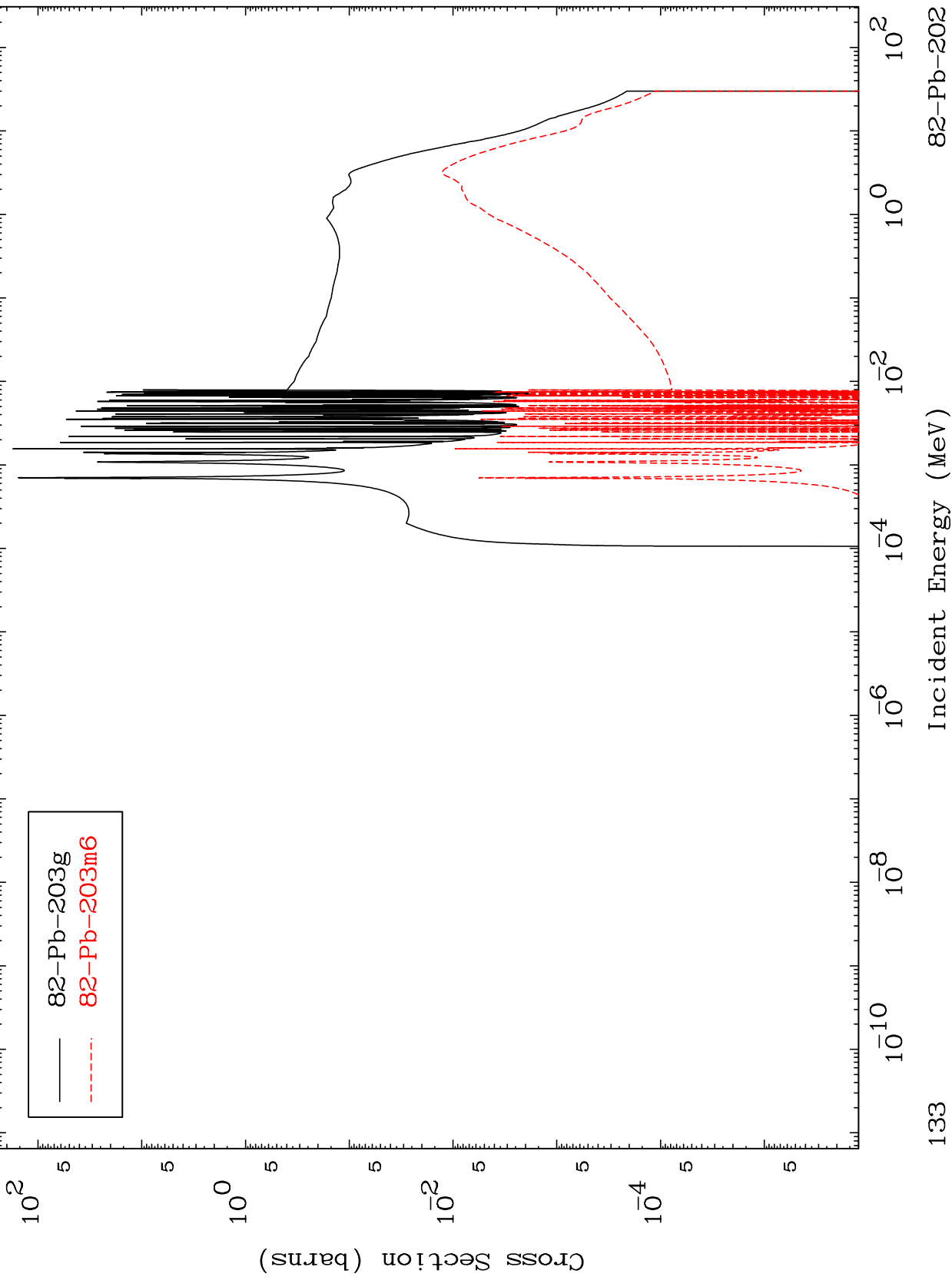
Incident Energy (MeV)

82-Pb-202

MAT 8219

82-Pb-202

(n, γ)
Radionuclide Production Cross Section

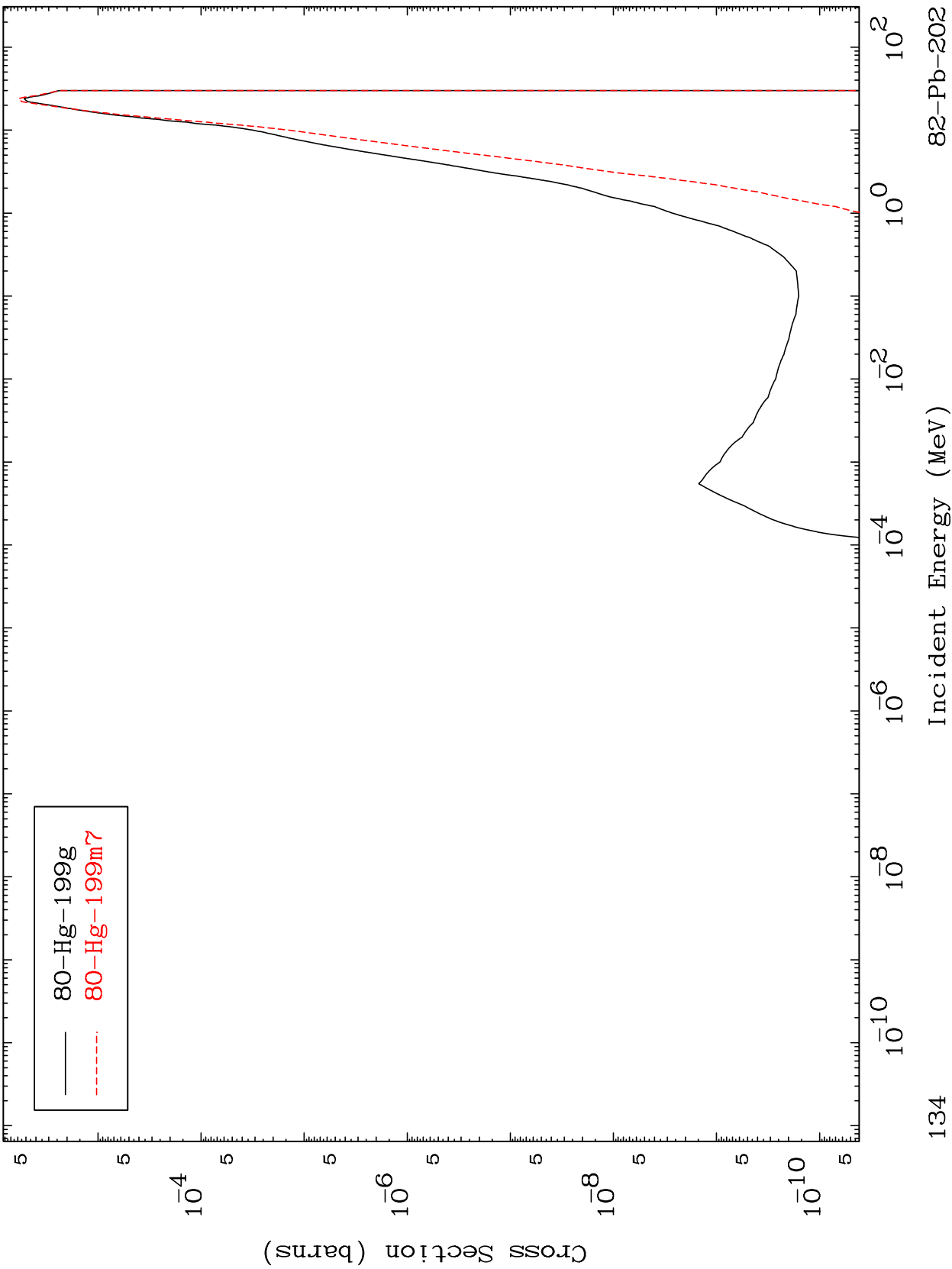


MAT 8219

(n, α)

82-Pb-202

Radionuclide Production Cross Section

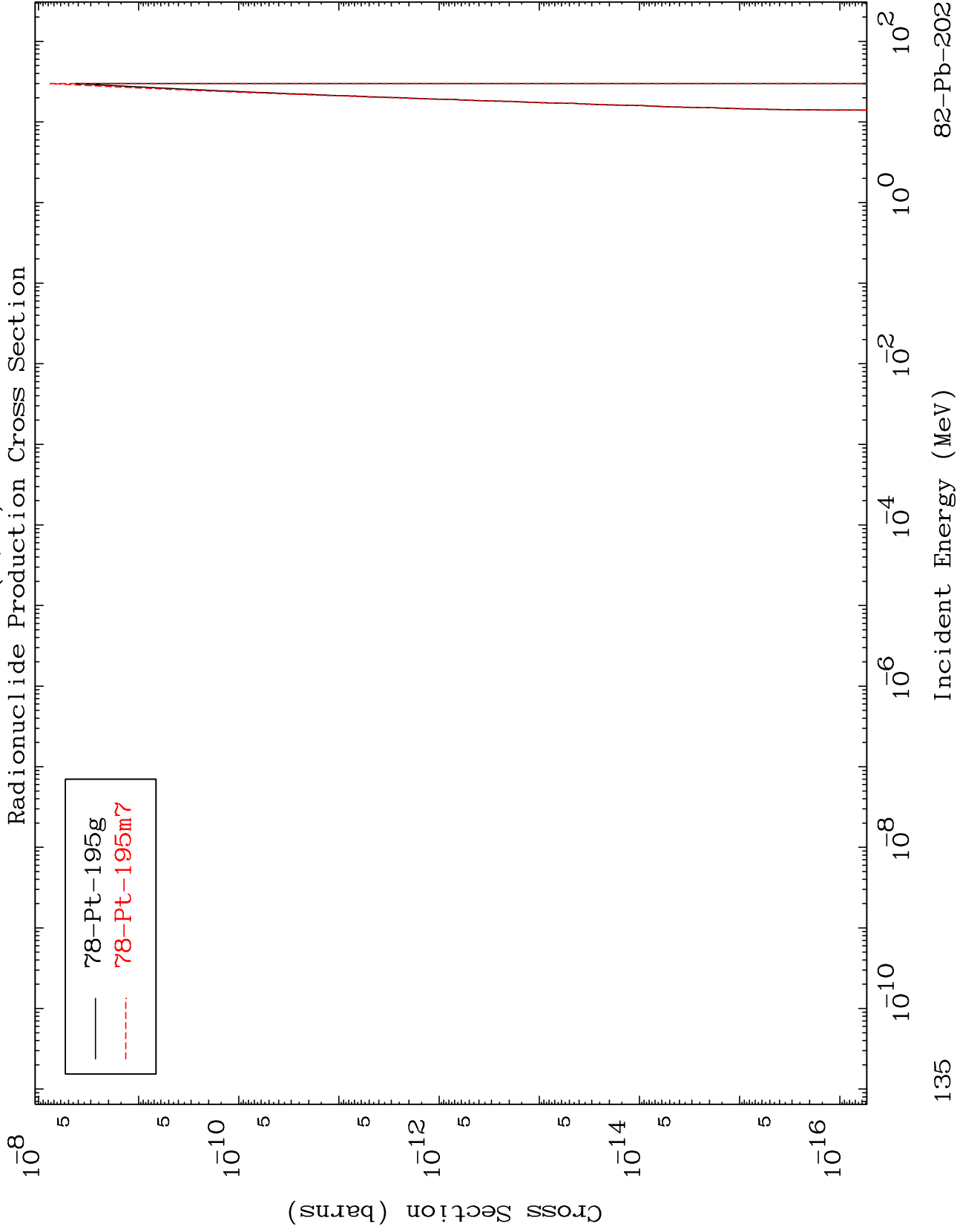


MAT 8219

(n,2α)

82-Pb-202

Radionuclide Production Cross Section



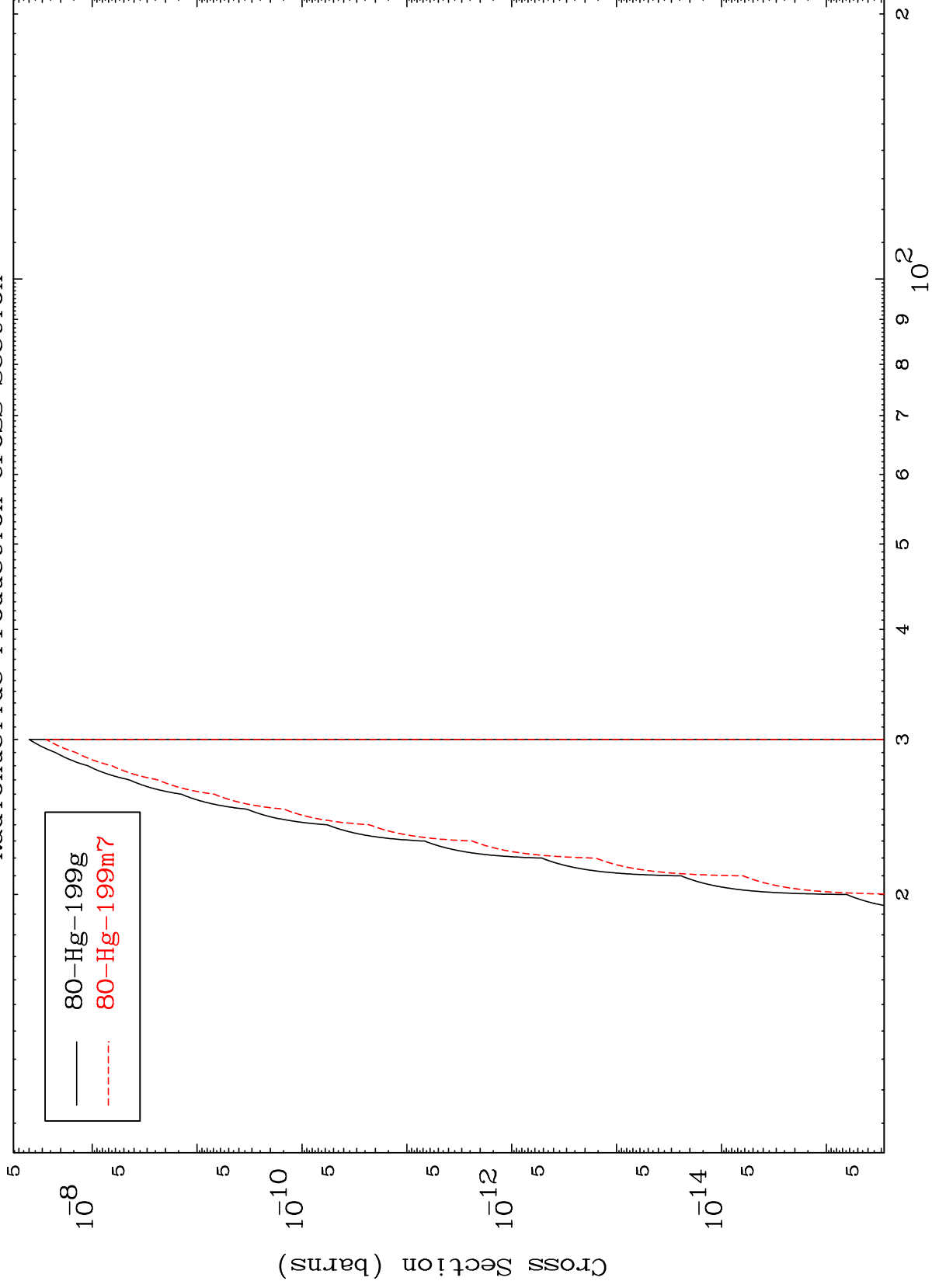
135

MAT 8219

(n,p) t

82-Pb-202

Radionuclide Production Cross Section



136

Incident Energy (MeV)

82-Pb-202