

Program EVALPLOT
(Version 2021-1)

by

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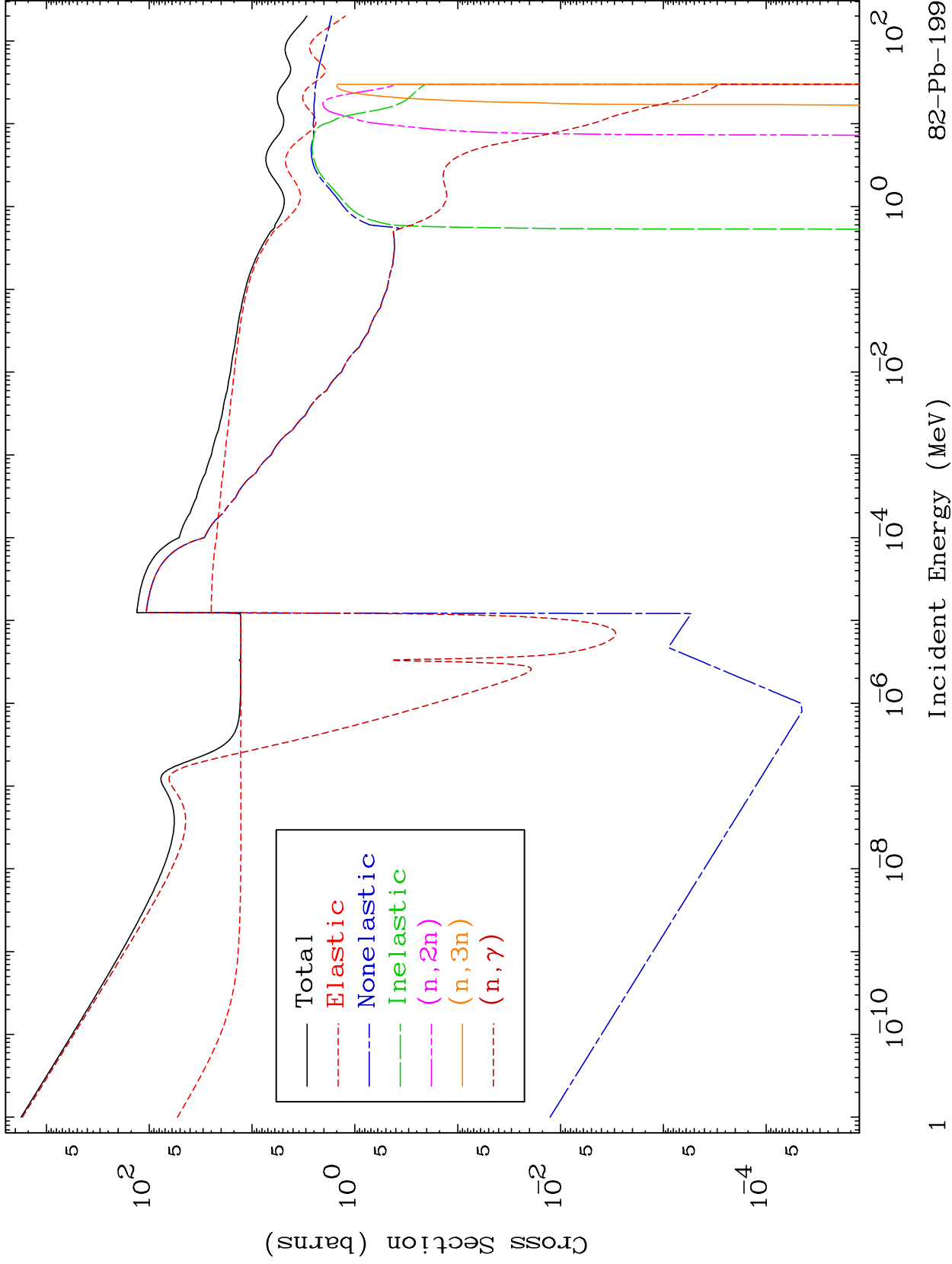
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8210

Neutron Major
293 Kelvin Cross Sections

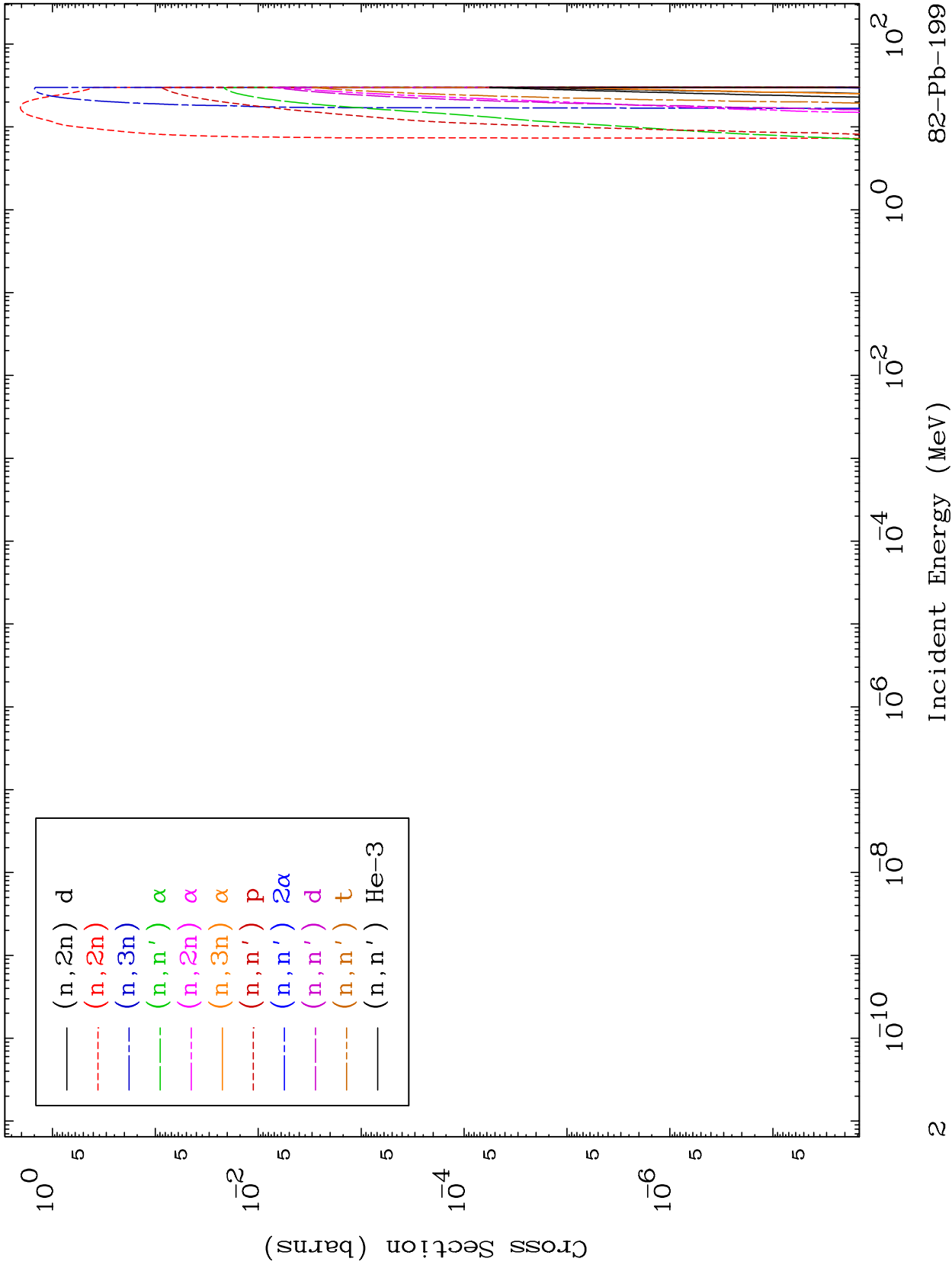
82-Pb-199



MAT 8210

Neutron Absorption
293 Kelvin Cross Sections

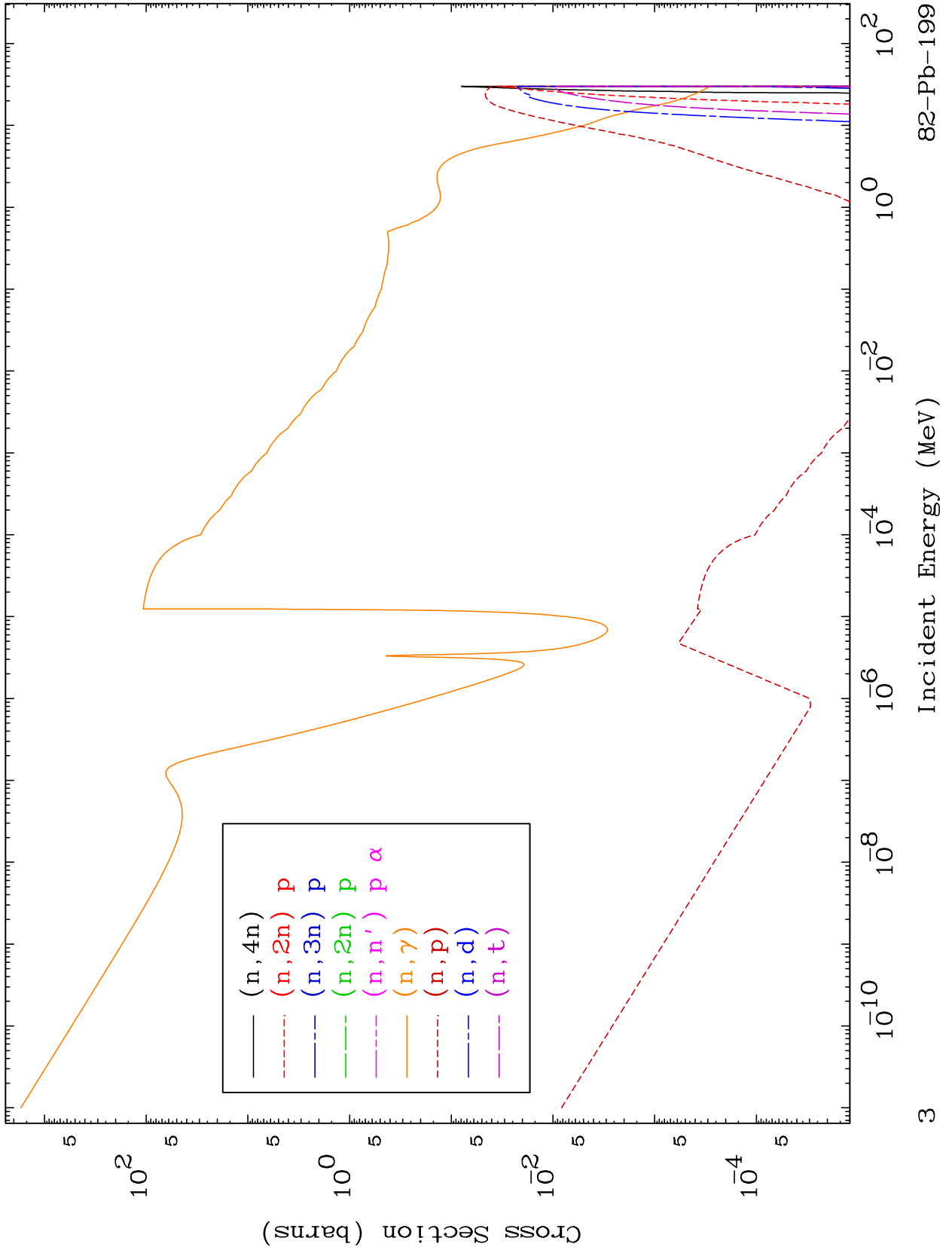
82-Pb-199



MAT 8210

Neutron Absorption
293 Kelvin Cross Sections

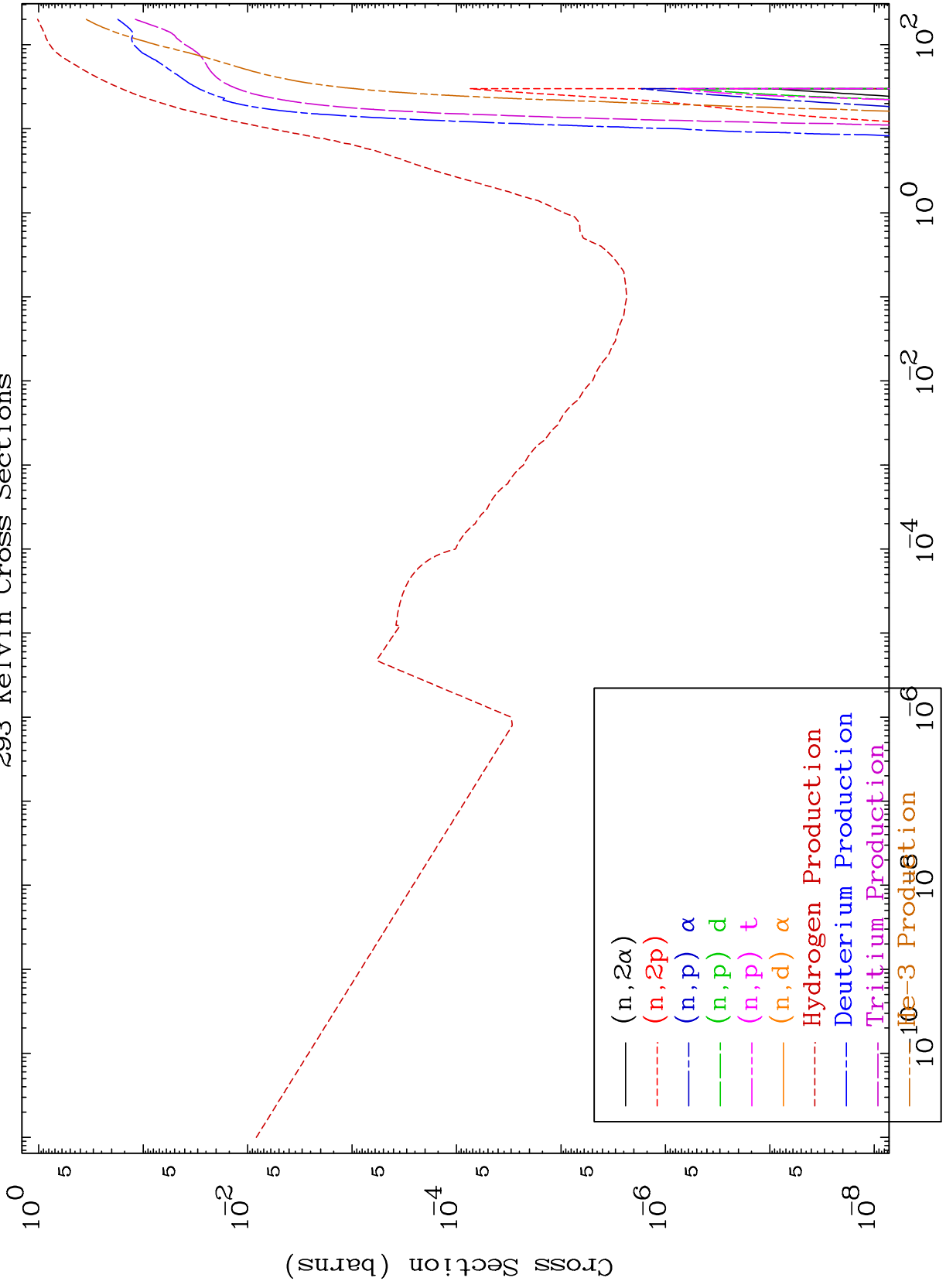
82-Pb-199



MAT 8210

Neutron Absorption
293 Kelvin Cross Sections

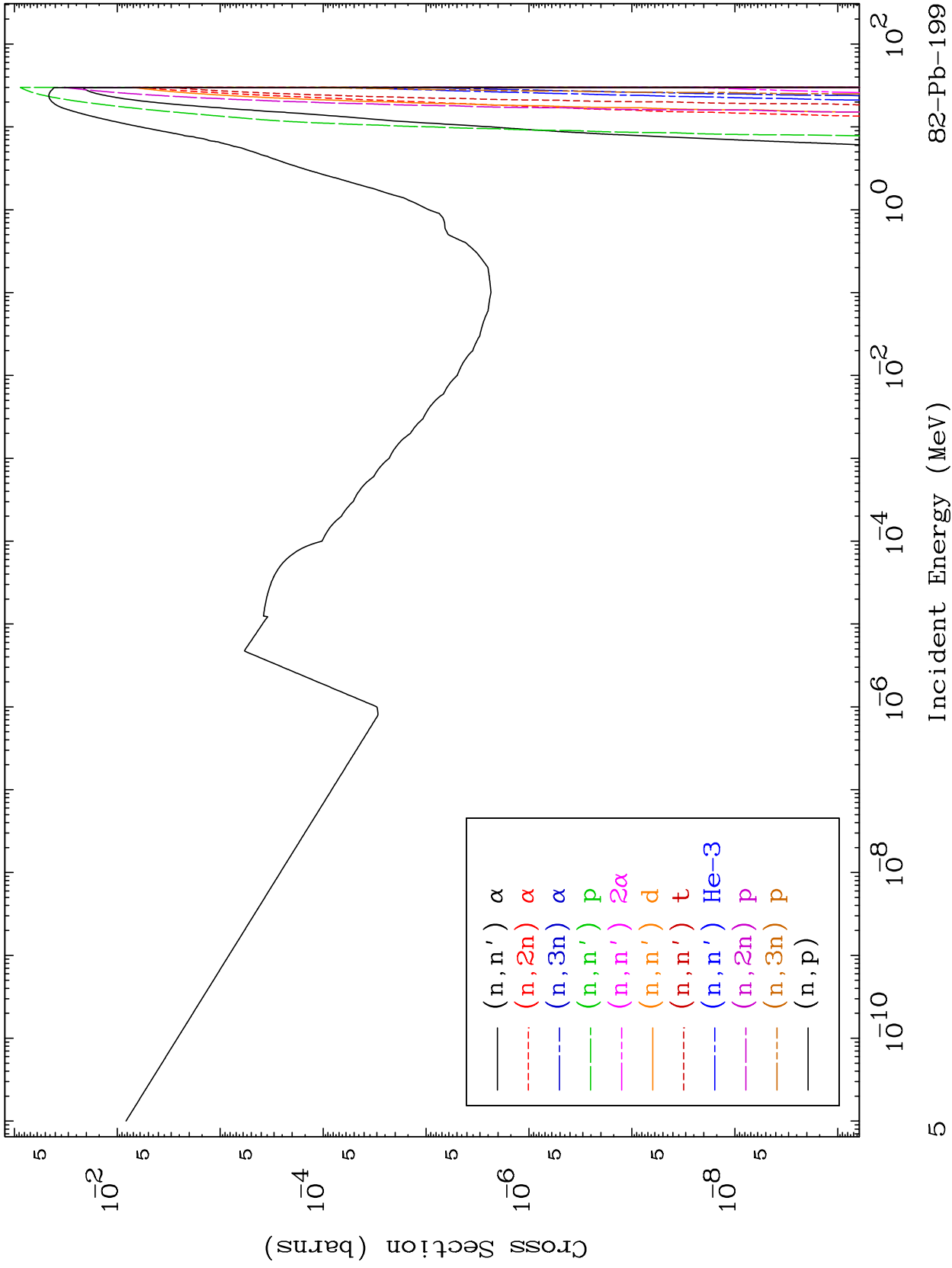
82-Pb-199



MAT 8210

Charged Particle
293 Kelvin Cross Sections

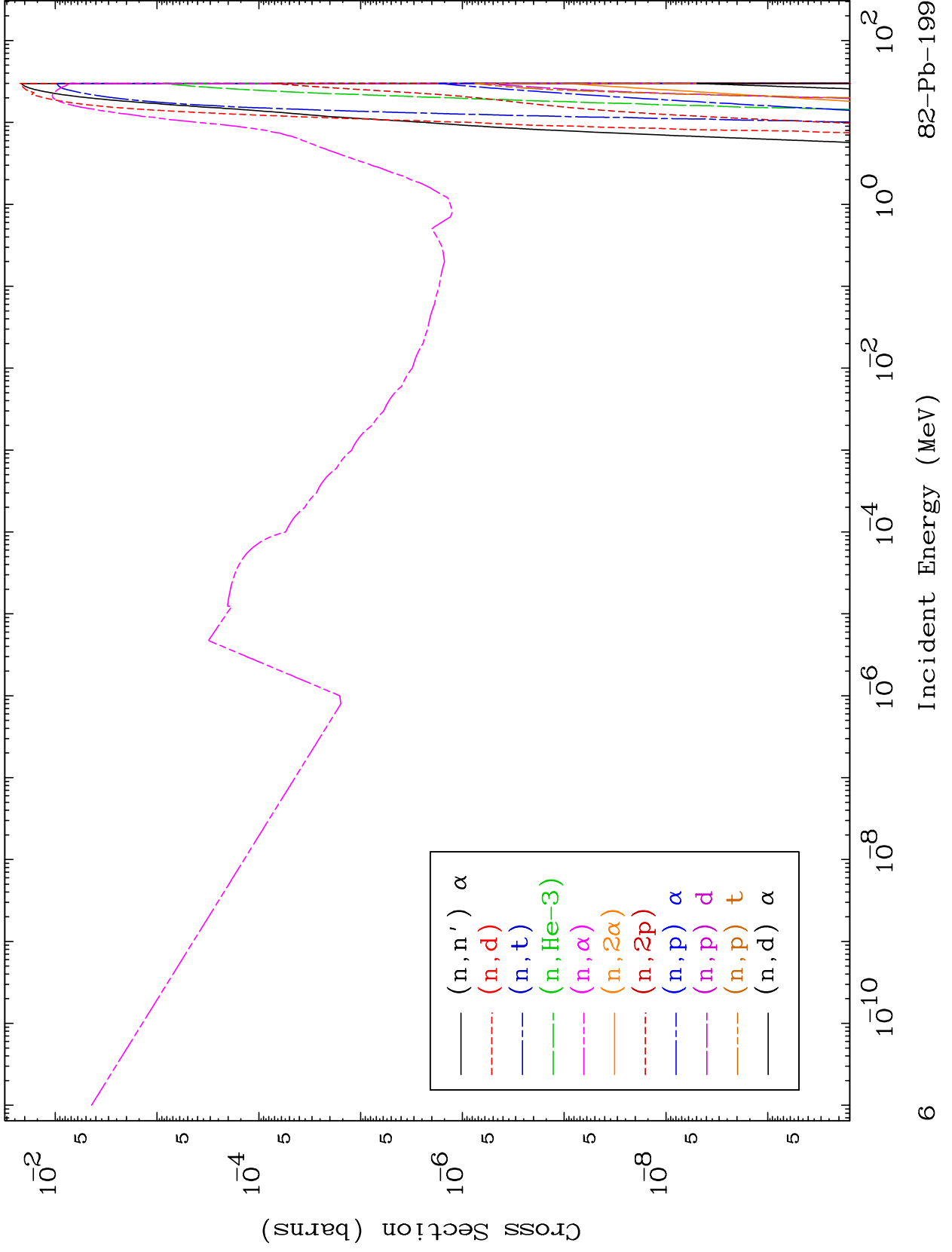
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MAT 8210

Charged Particle
293 Kelvin Cross Sections

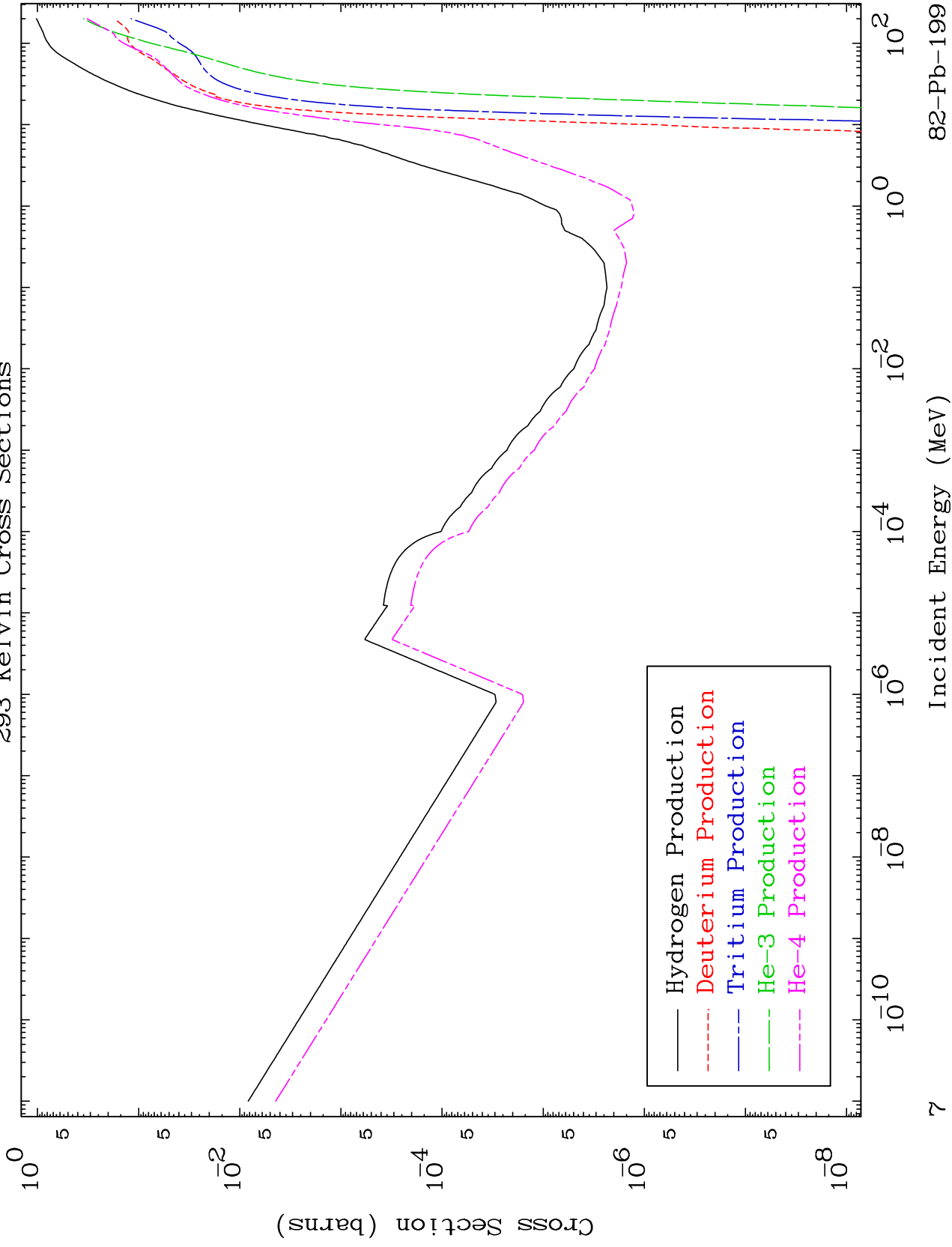
82-Pb-199



MAT 8210

Particle Production
293 Kelvin Cross Sections

82-Pb-199

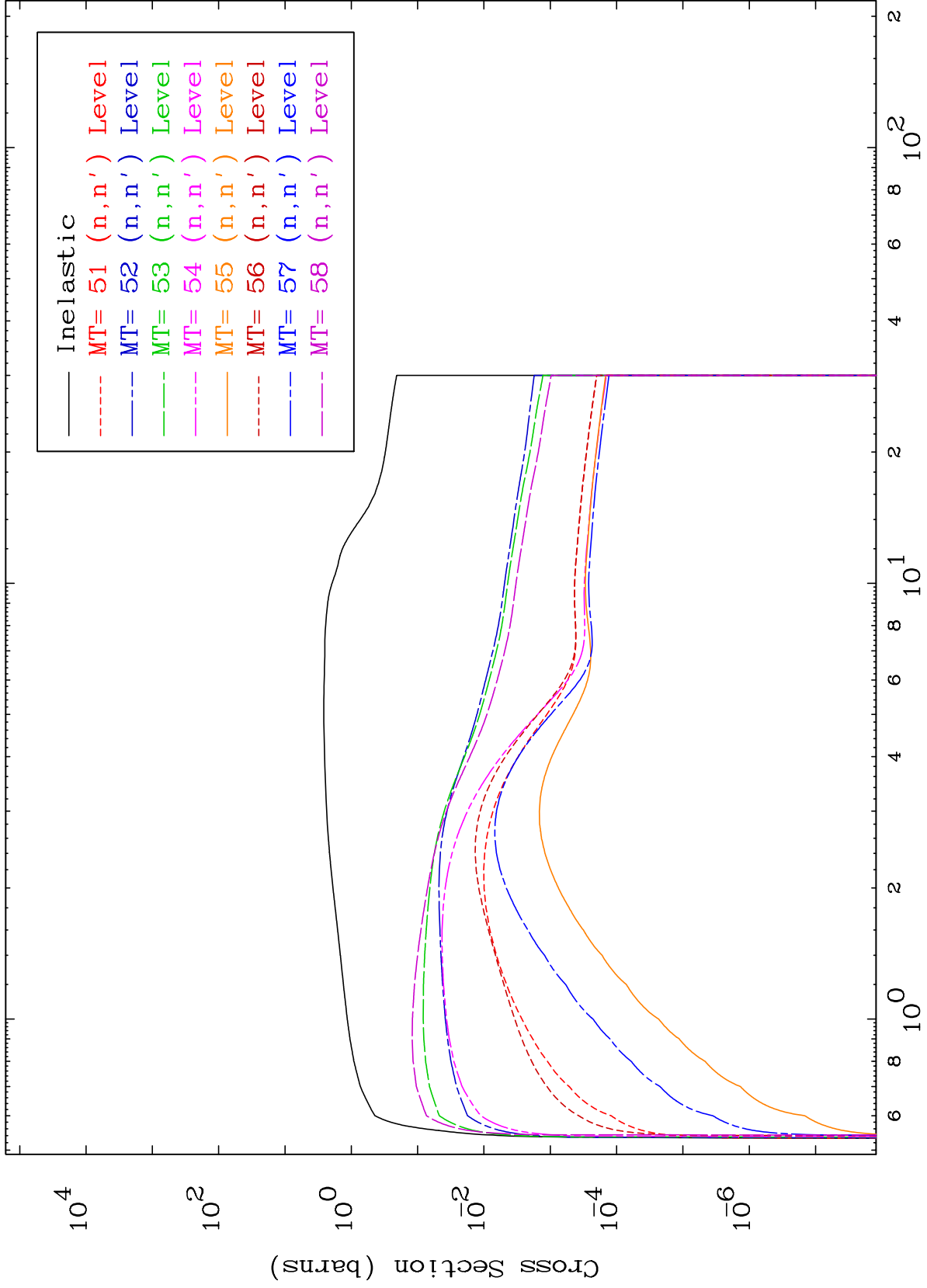


MAT 8210

(n,n') Levels

82-Pb-199

293 Kelvin Cross Sections



8

Incident Energy (MeV)

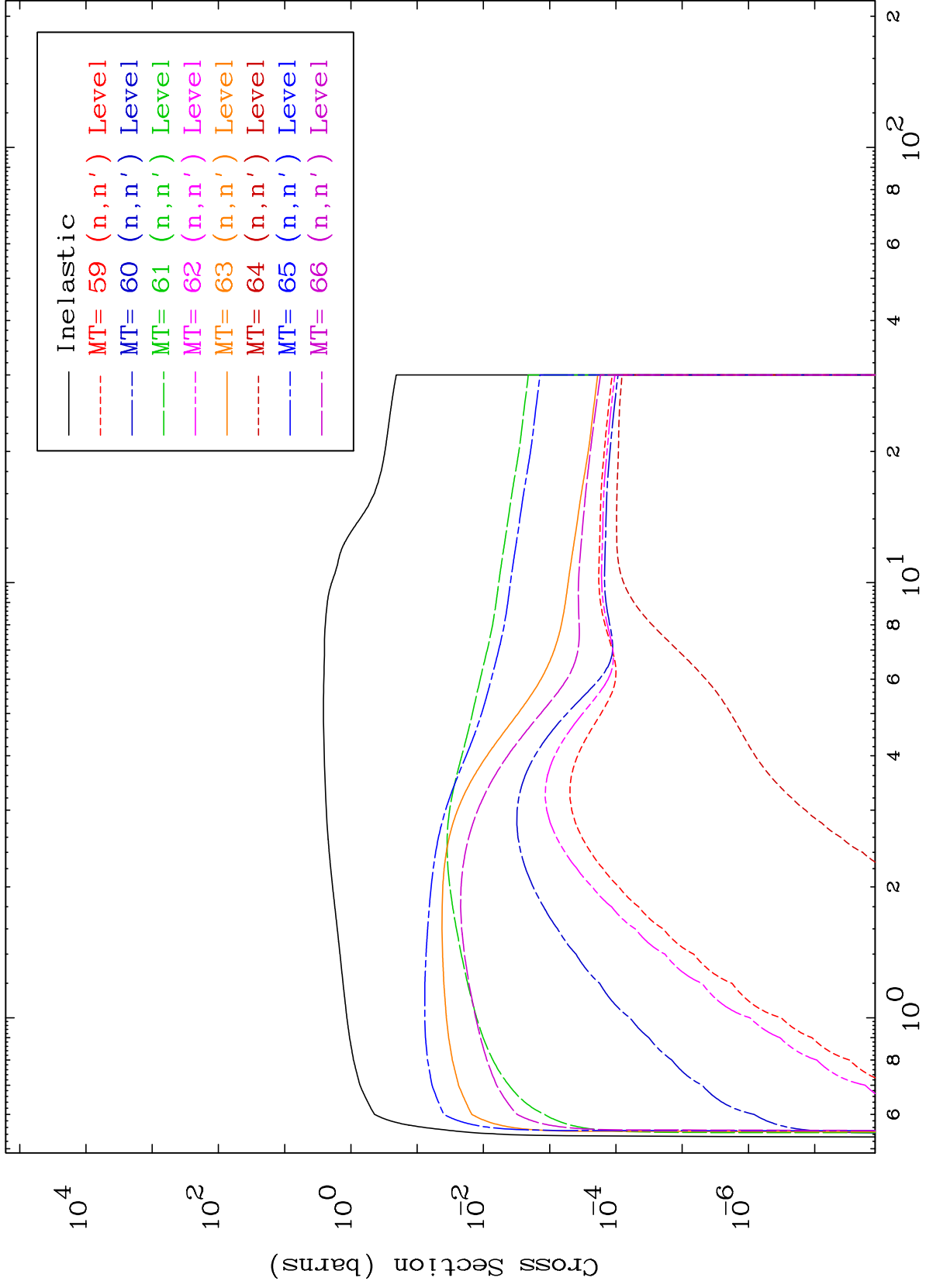
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MAT 8210

(n,n') Levels

82-Pb-199

293 Kelvin Cross Sections



9

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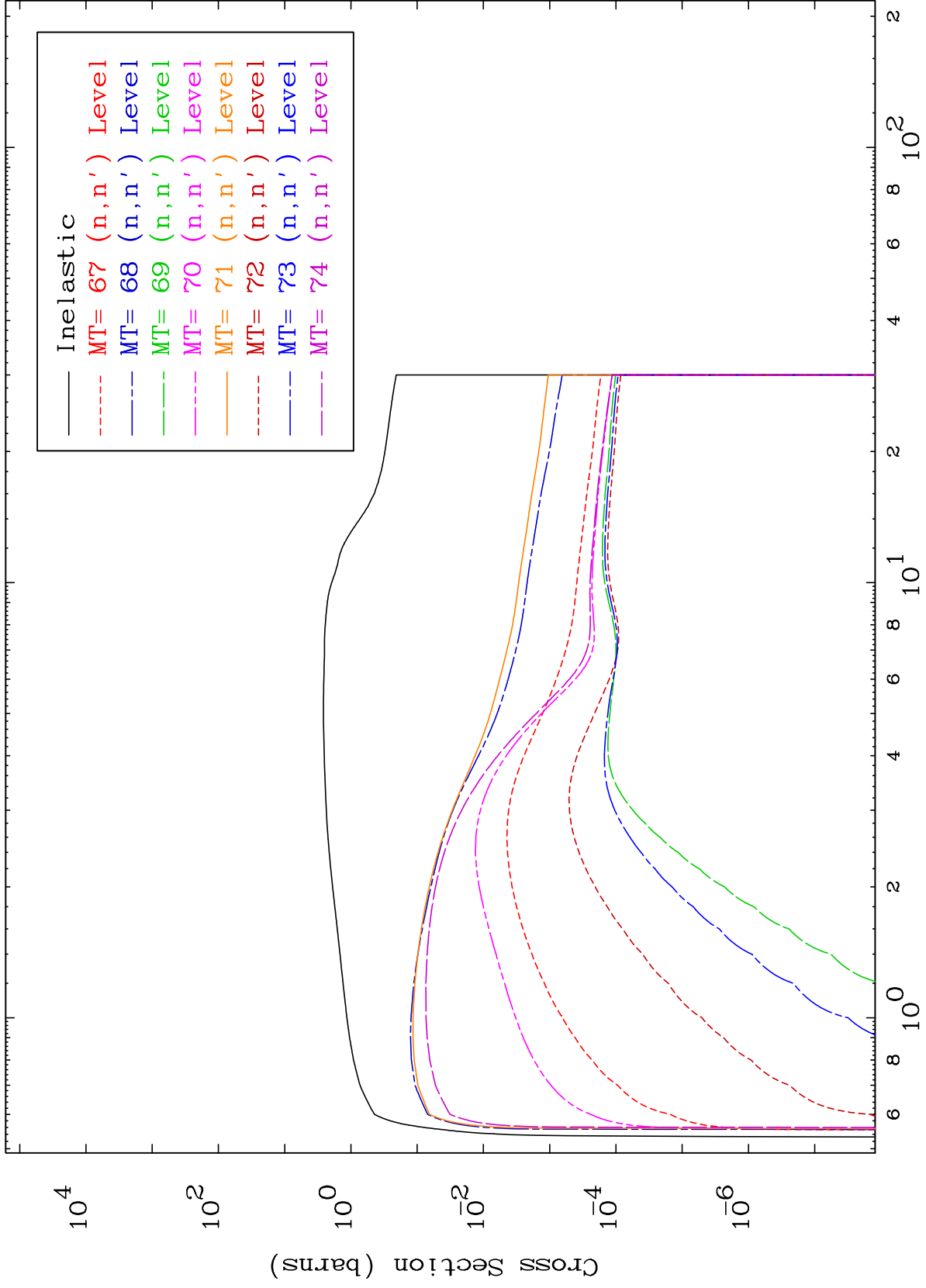
82-Pb-199

MAT 8210

(n,n') Levels

82-Pb-199

293 Kelvin Cross Sections



10

Incident Energy (MeV)

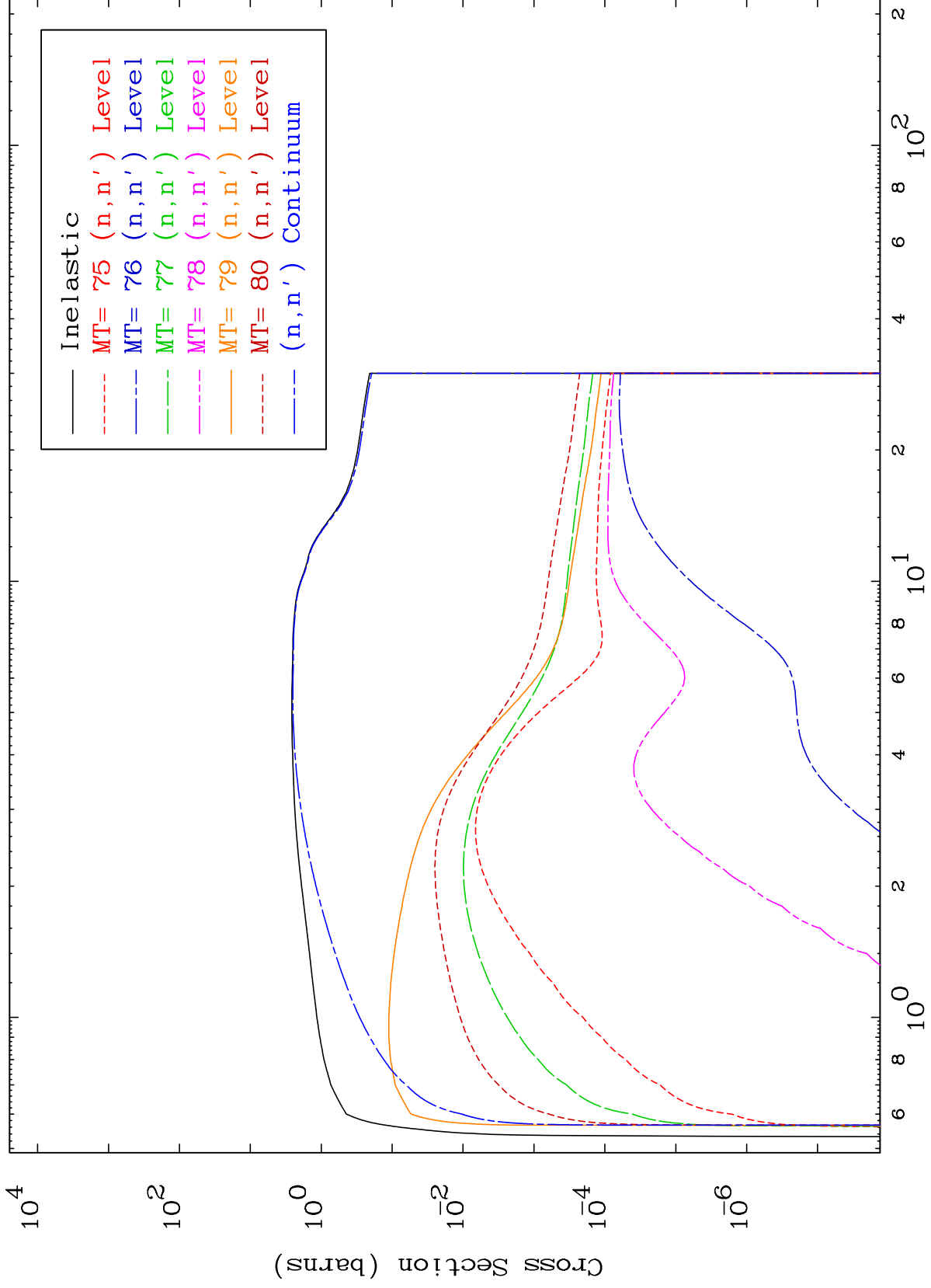
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MAT 8210

(n,n') Levels

82-Pb-199

293 Kelvin Cross Sections



11

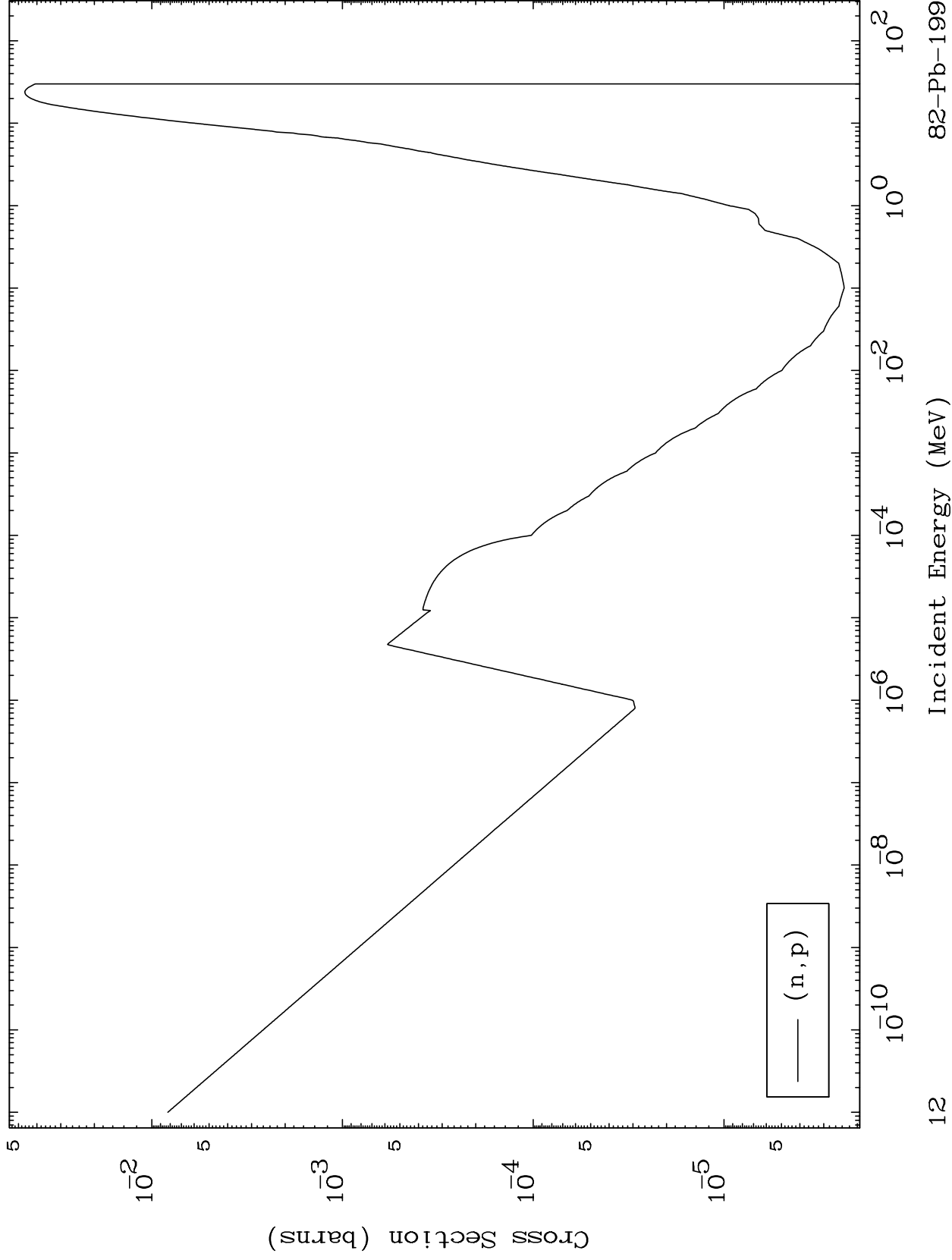
Incident Energy (MeV)

82-Pb-199

MAT 8210

(n,p) Levels
293 Kelvin Cross Sections

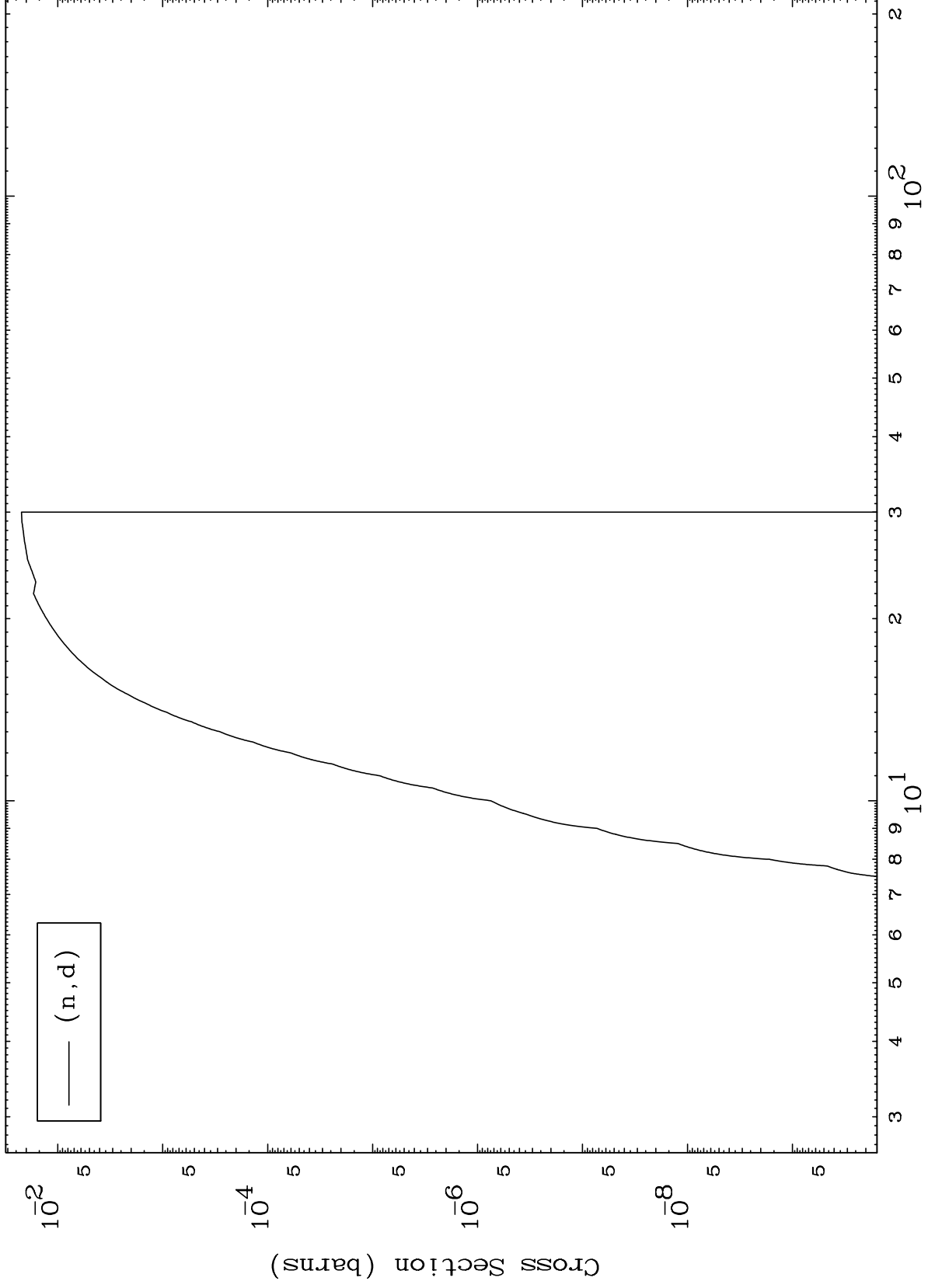
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MAT 8210

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-199



13

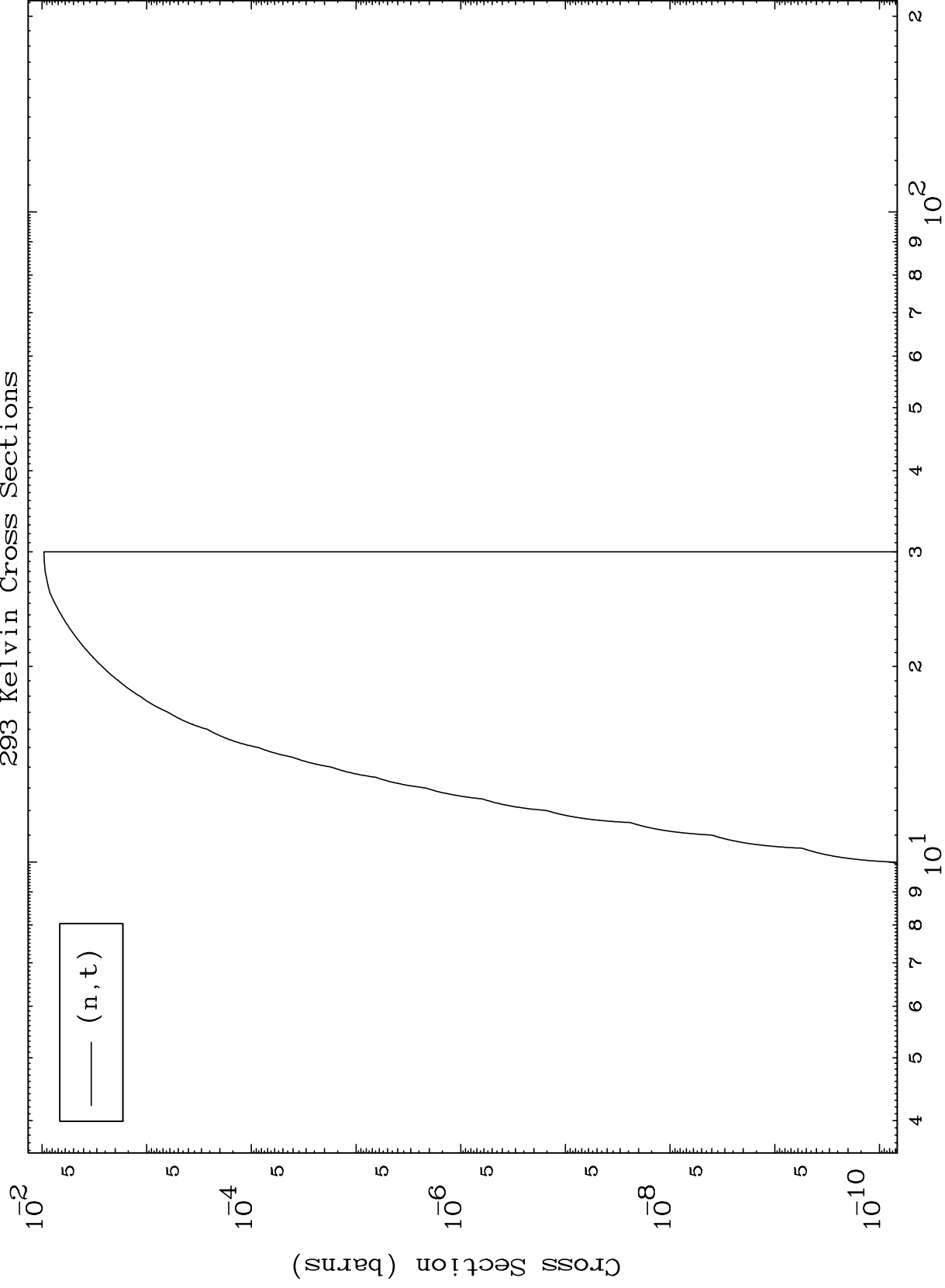
Incident Energy (MeV)

82-Pb-199

MAT 8210

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-199



14

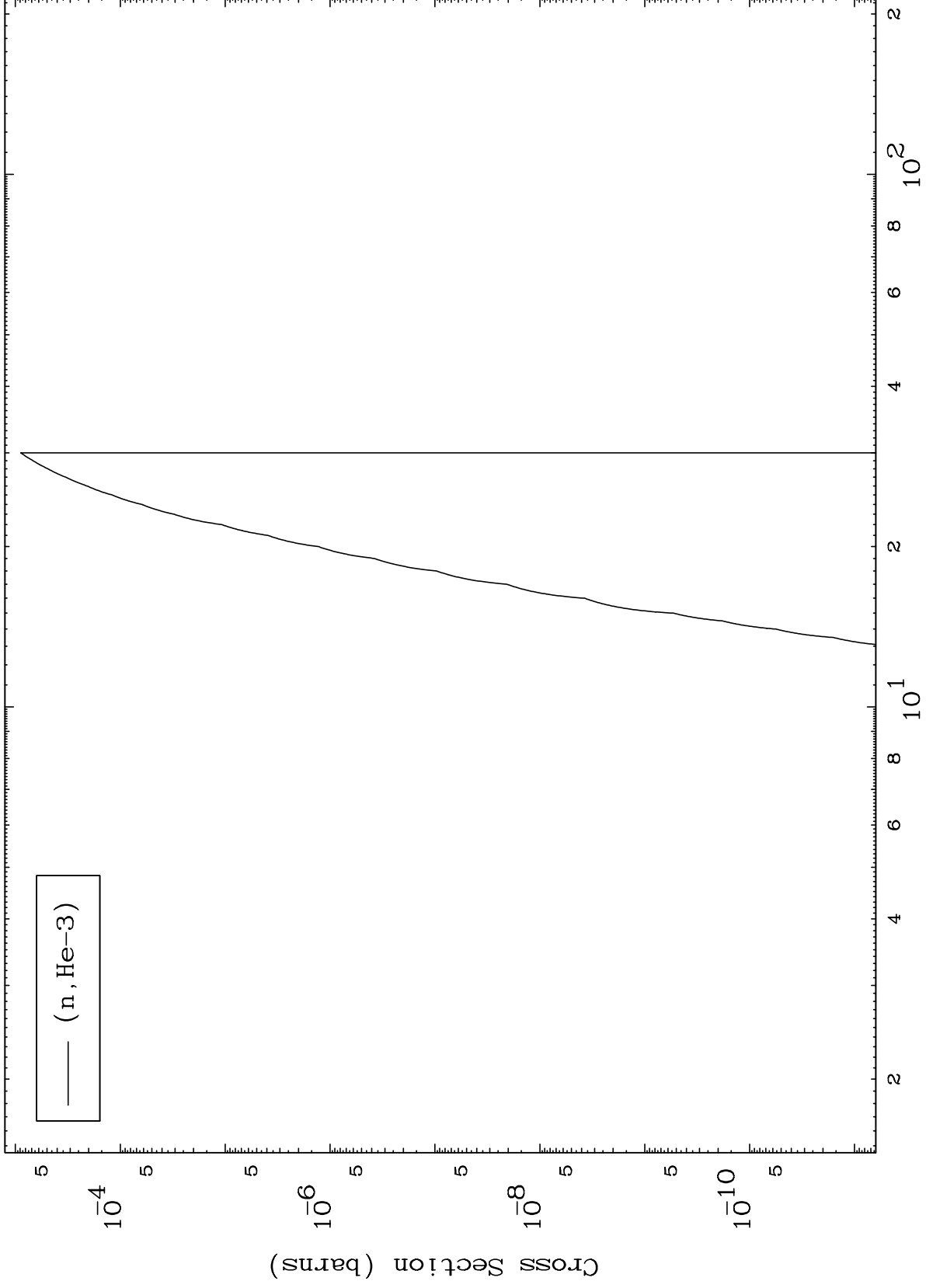
Incident Energy (MeV)

82-Pb-199

MAT 8210

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-199



15

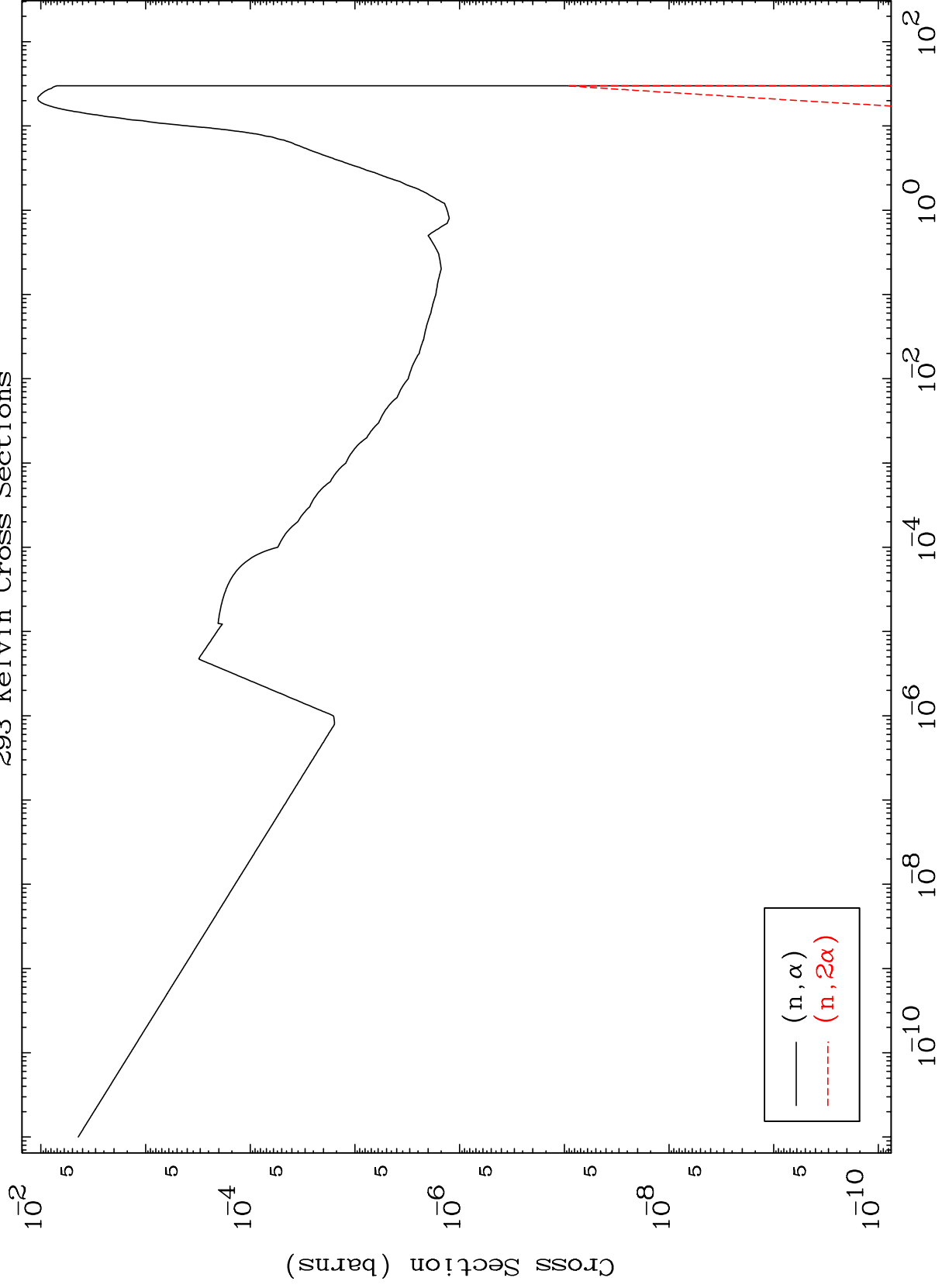
Incident Energy (MeV)

82-Pb-199

MAT 8210

(n,α) Levels
293 Kelvin Cross Sections

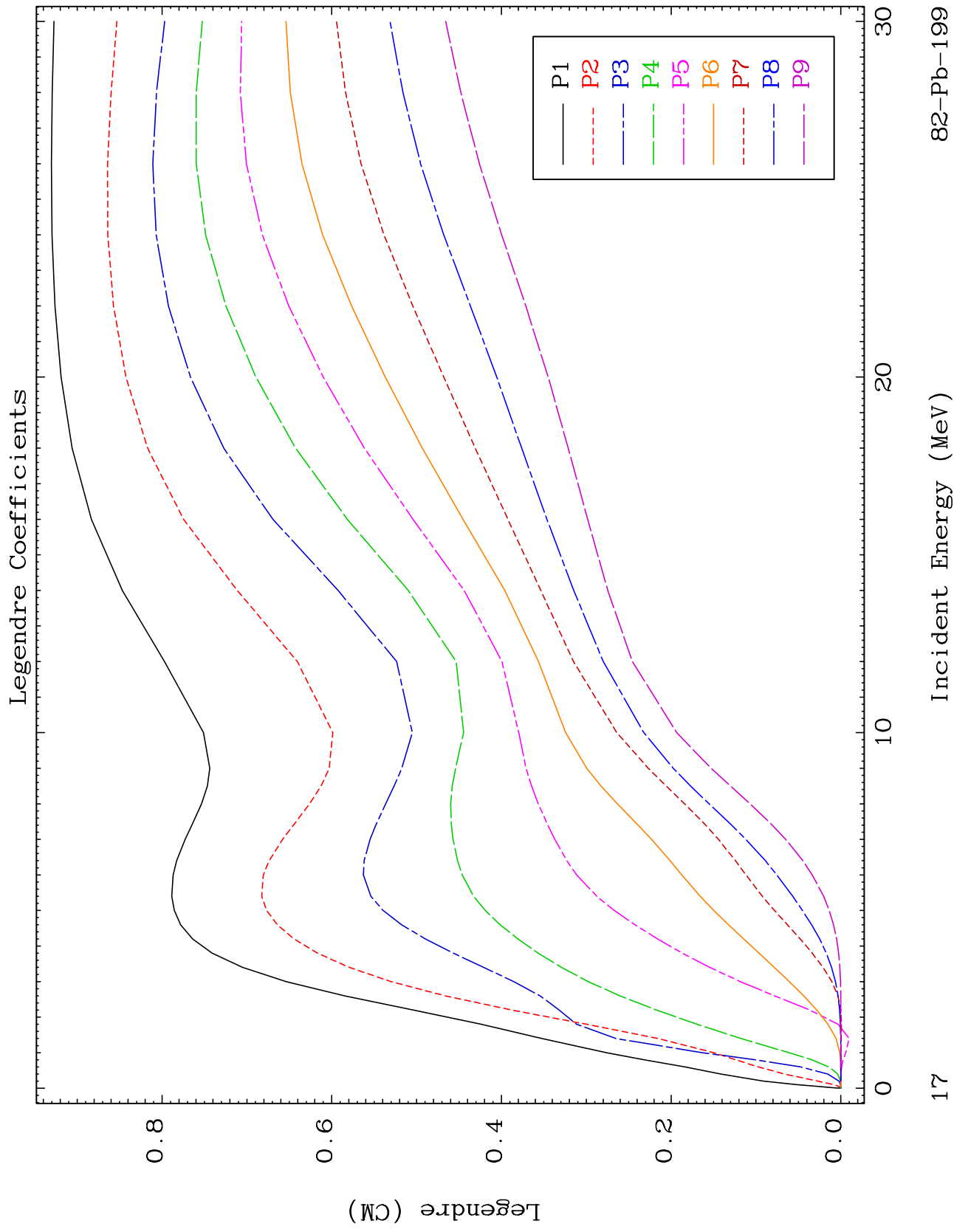
82-Pb-199



MAT 8210

Elastic Legendre Coefficients

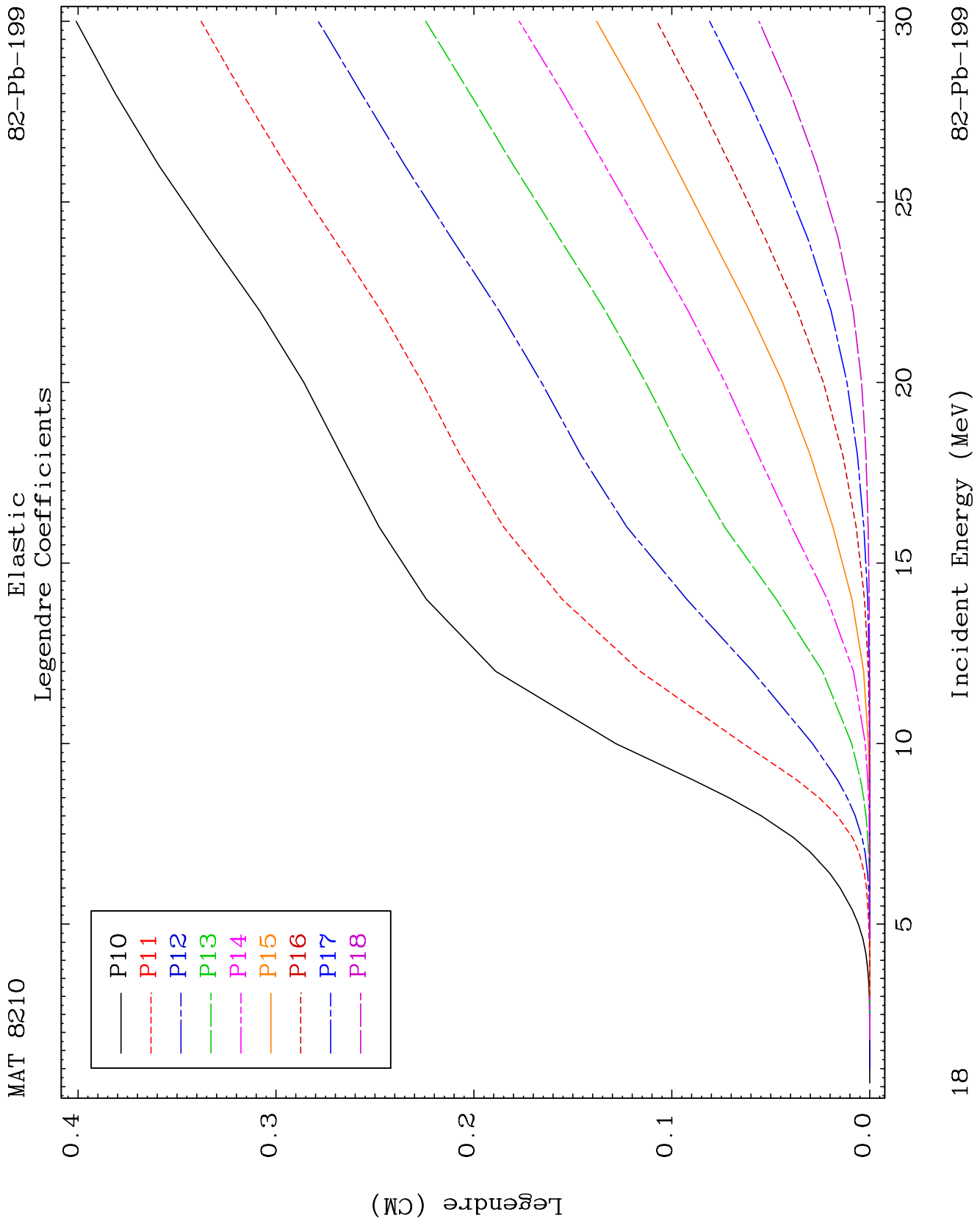
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17

Incident Energy (MeV)

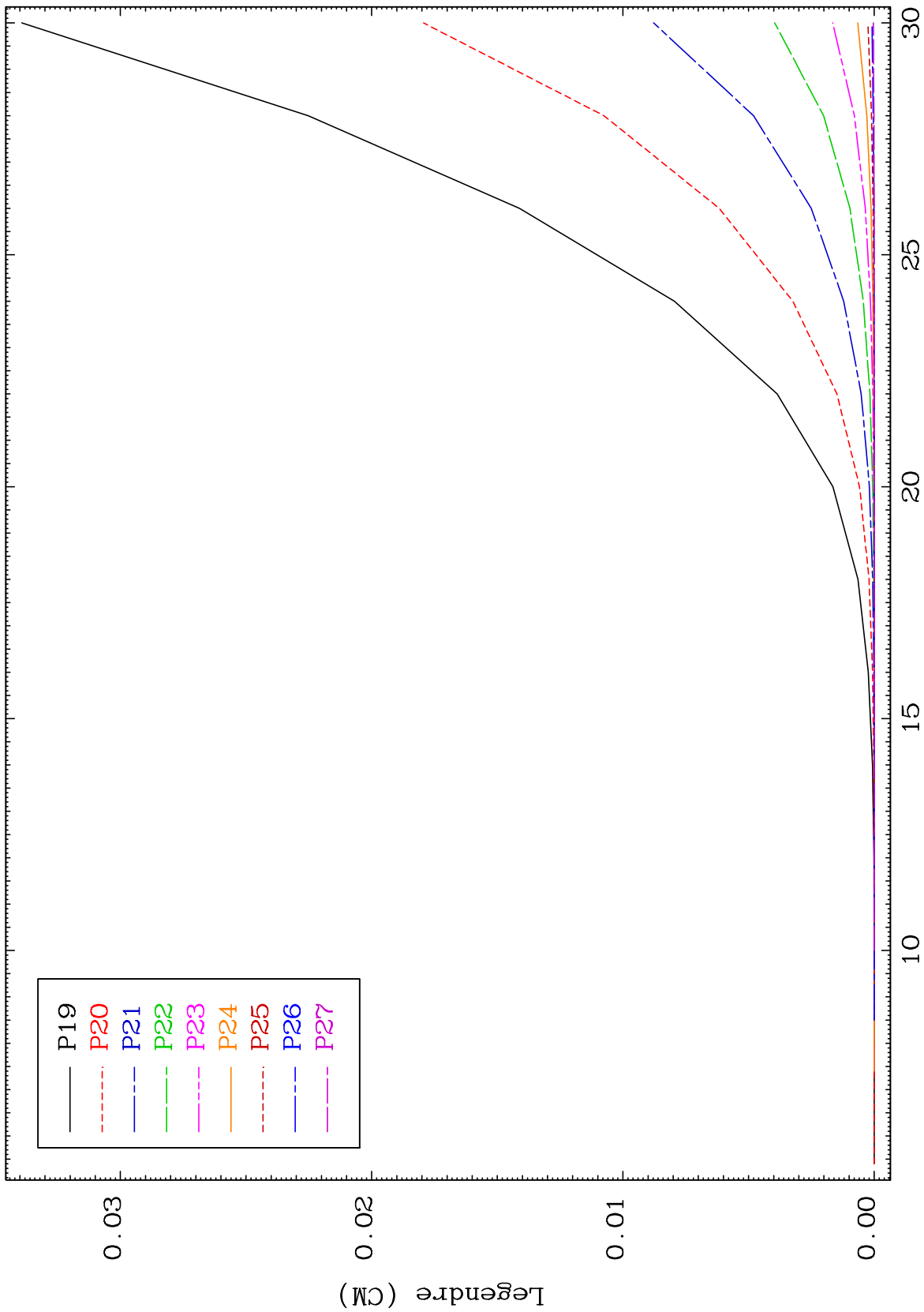
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MAT 8210

Elastic Legendre Coefficients

82-Pb-199



19

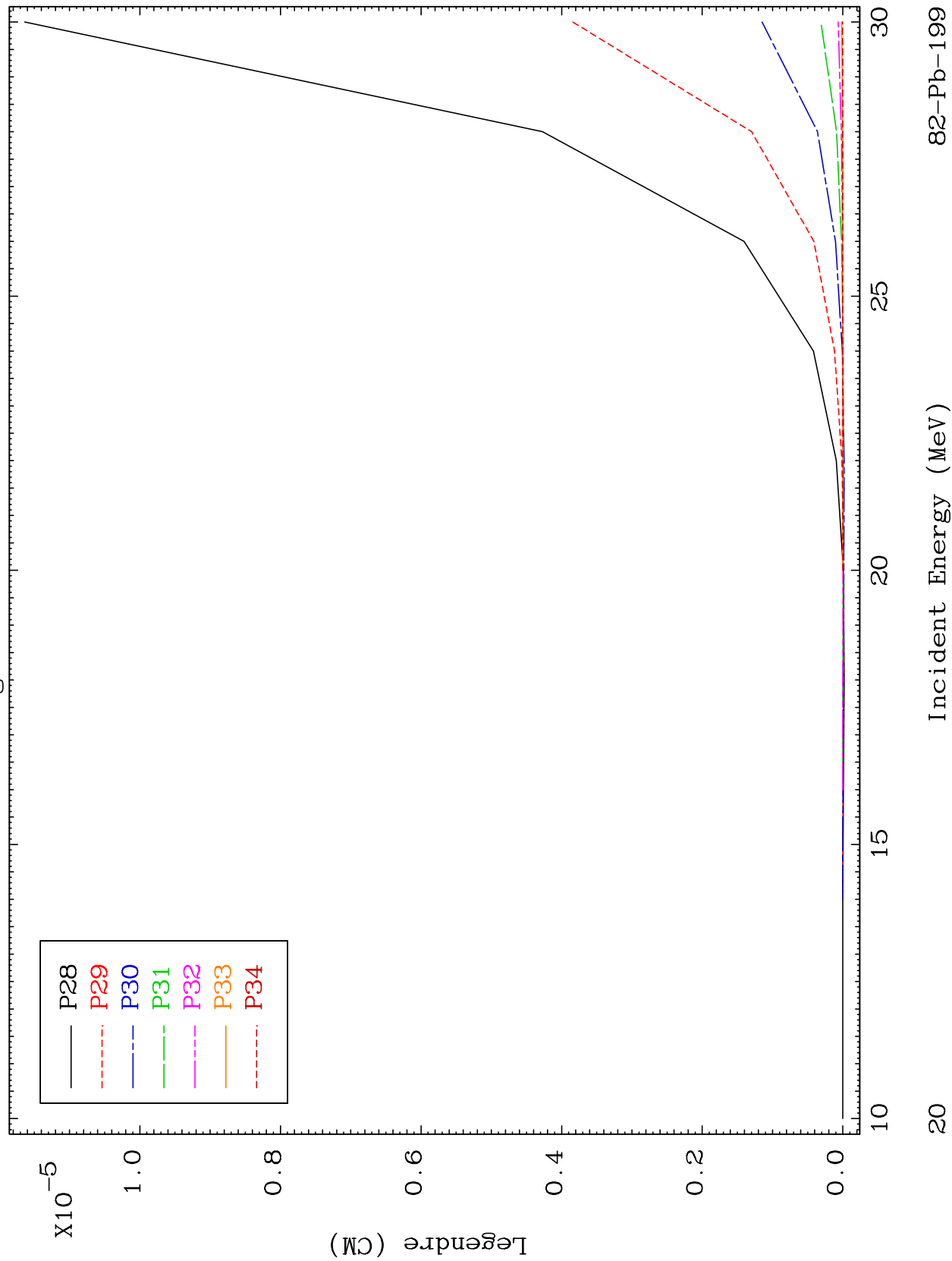
Incident Energy (MeV)

82-Pb-199

MAT 8210

Elastic Legendre Coefficients

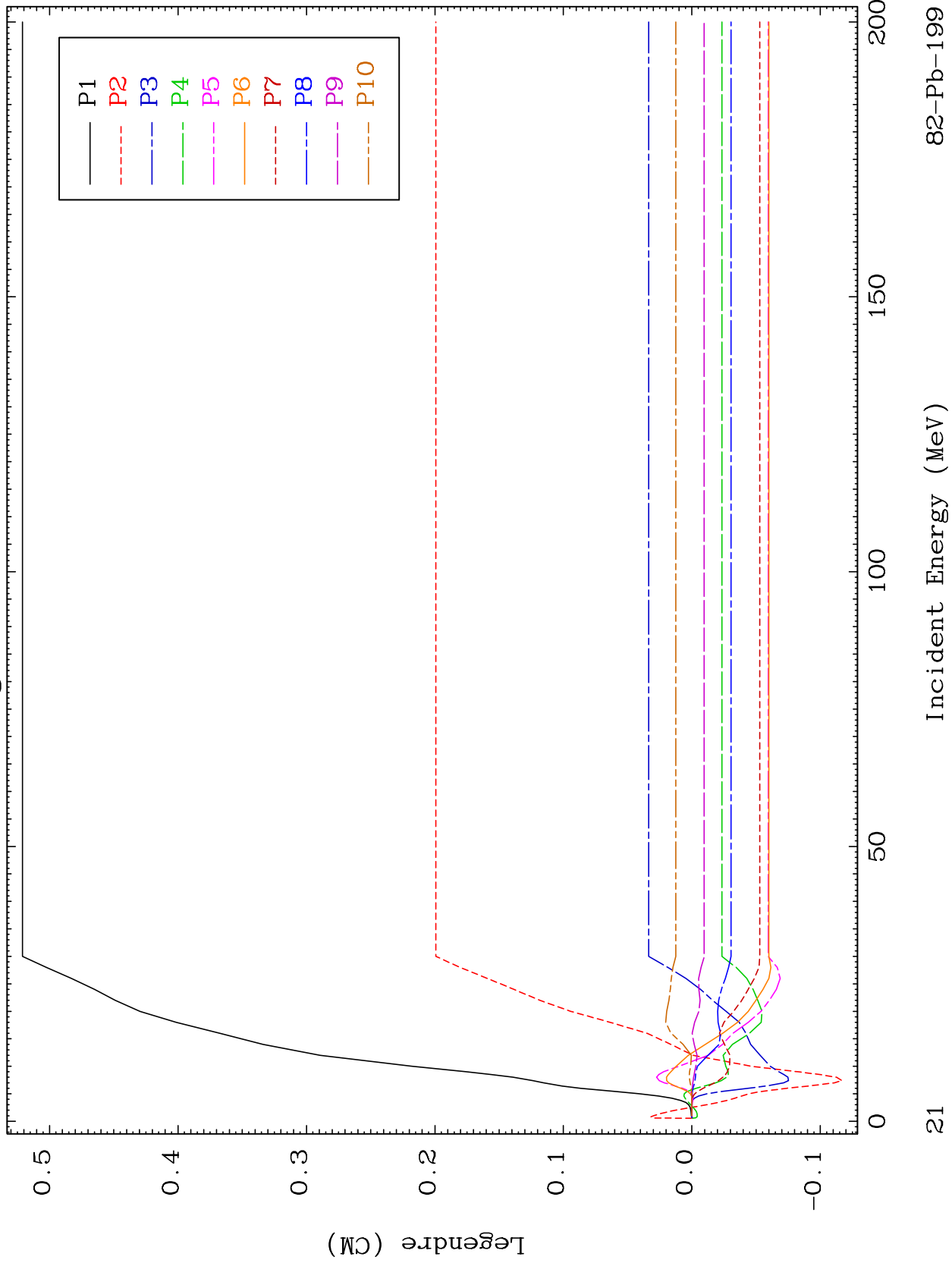
82-Pb-199



MAT 8210

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

82-Pb-199



21

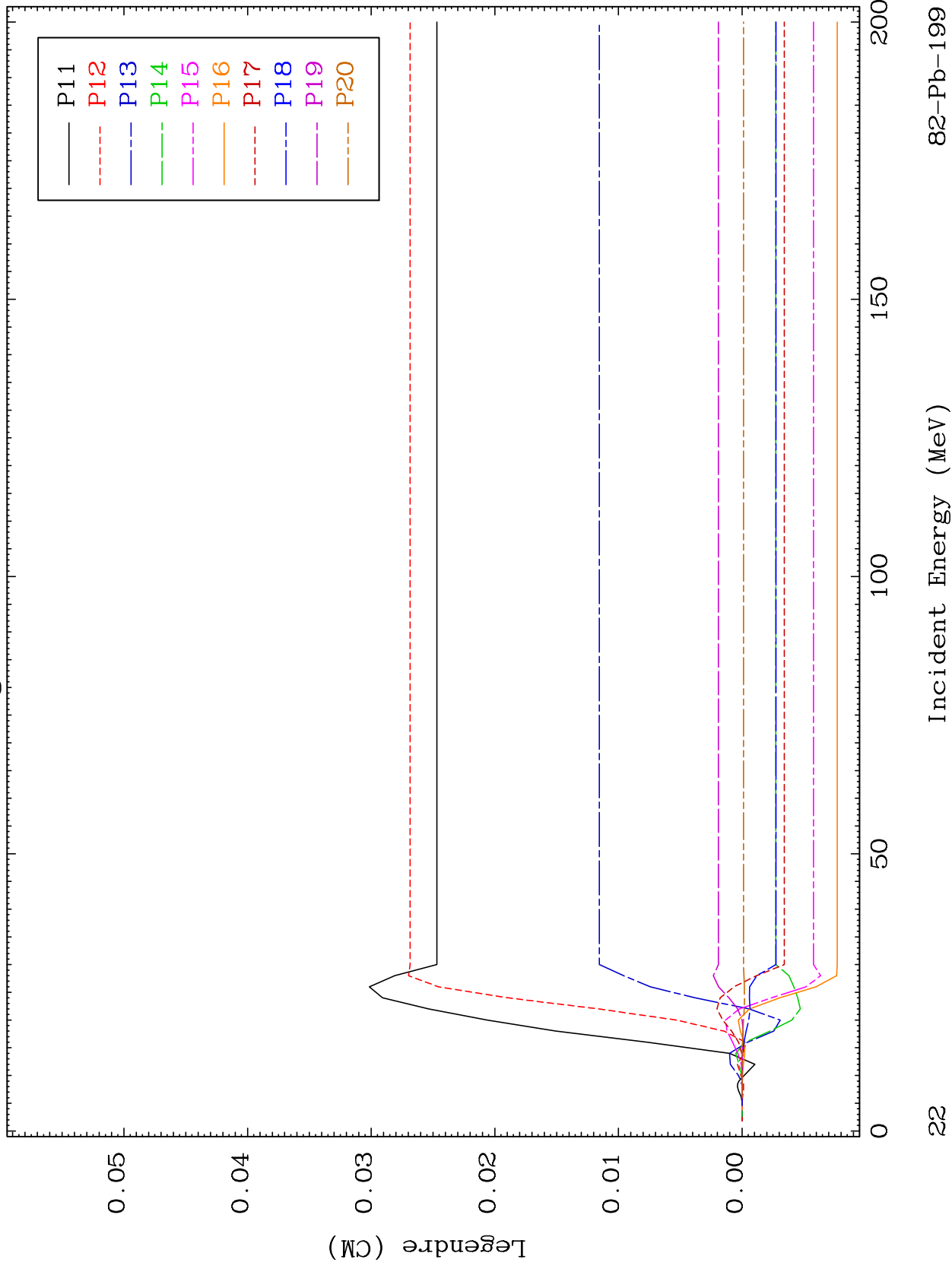
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199

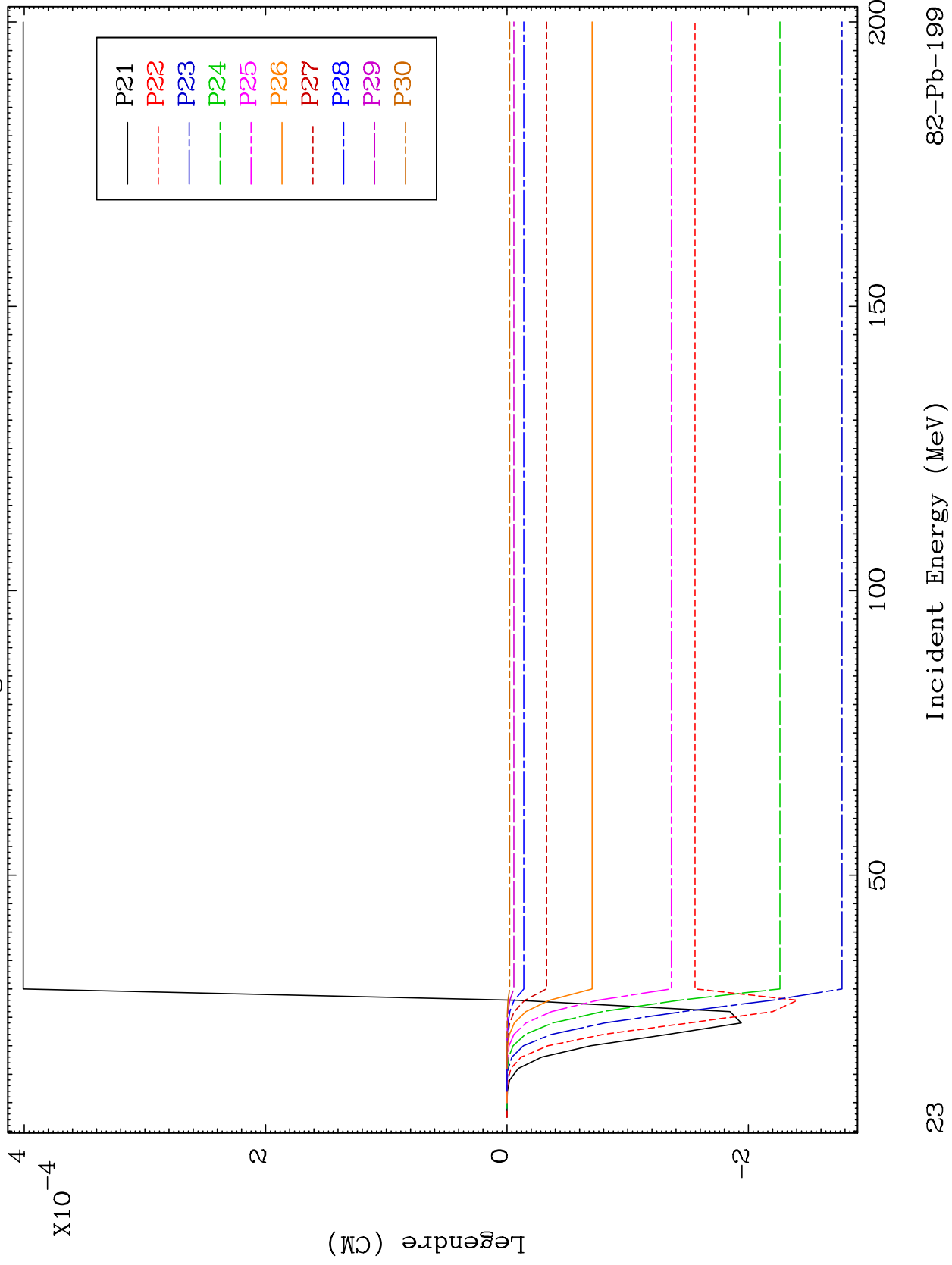


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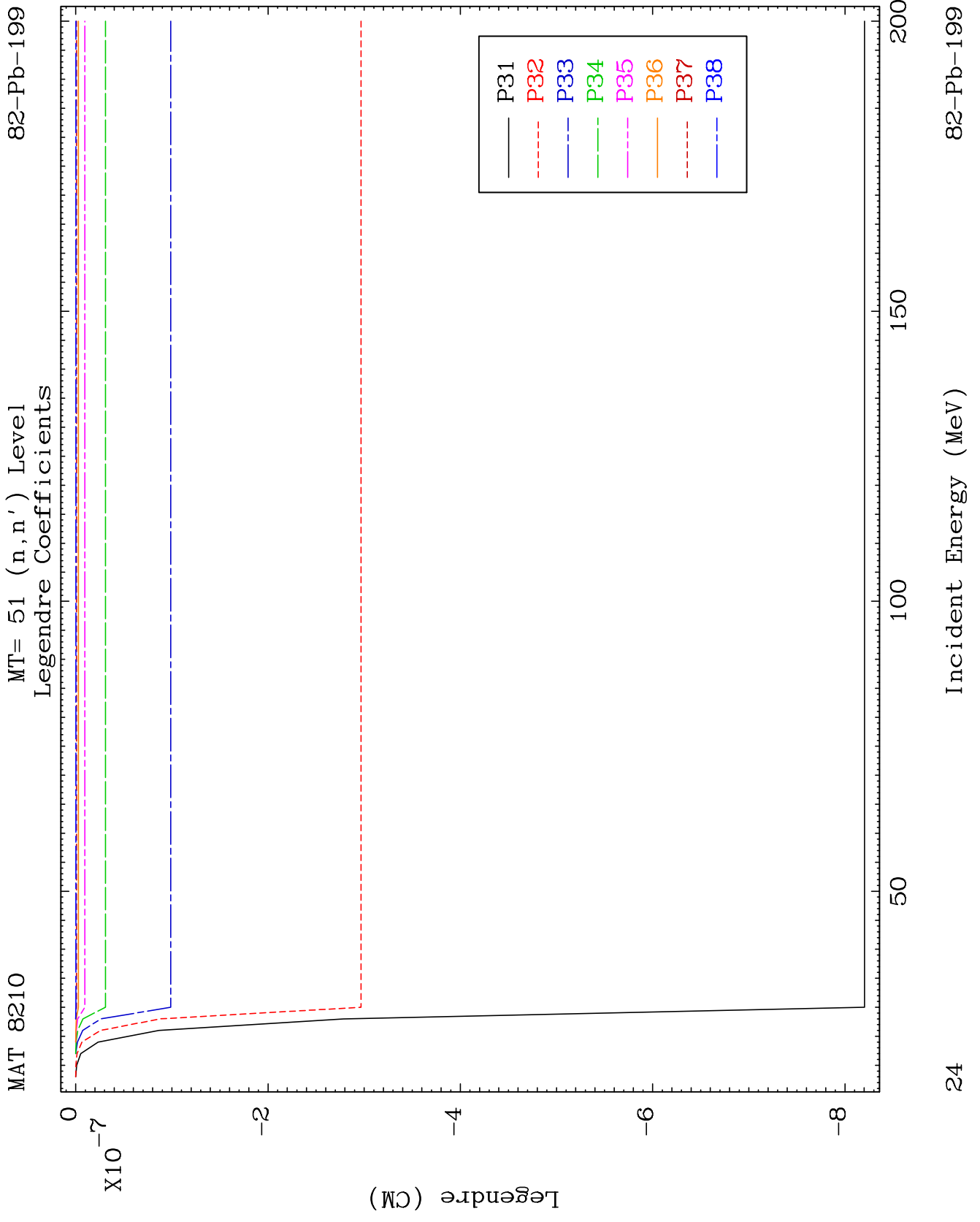
MAT 8210

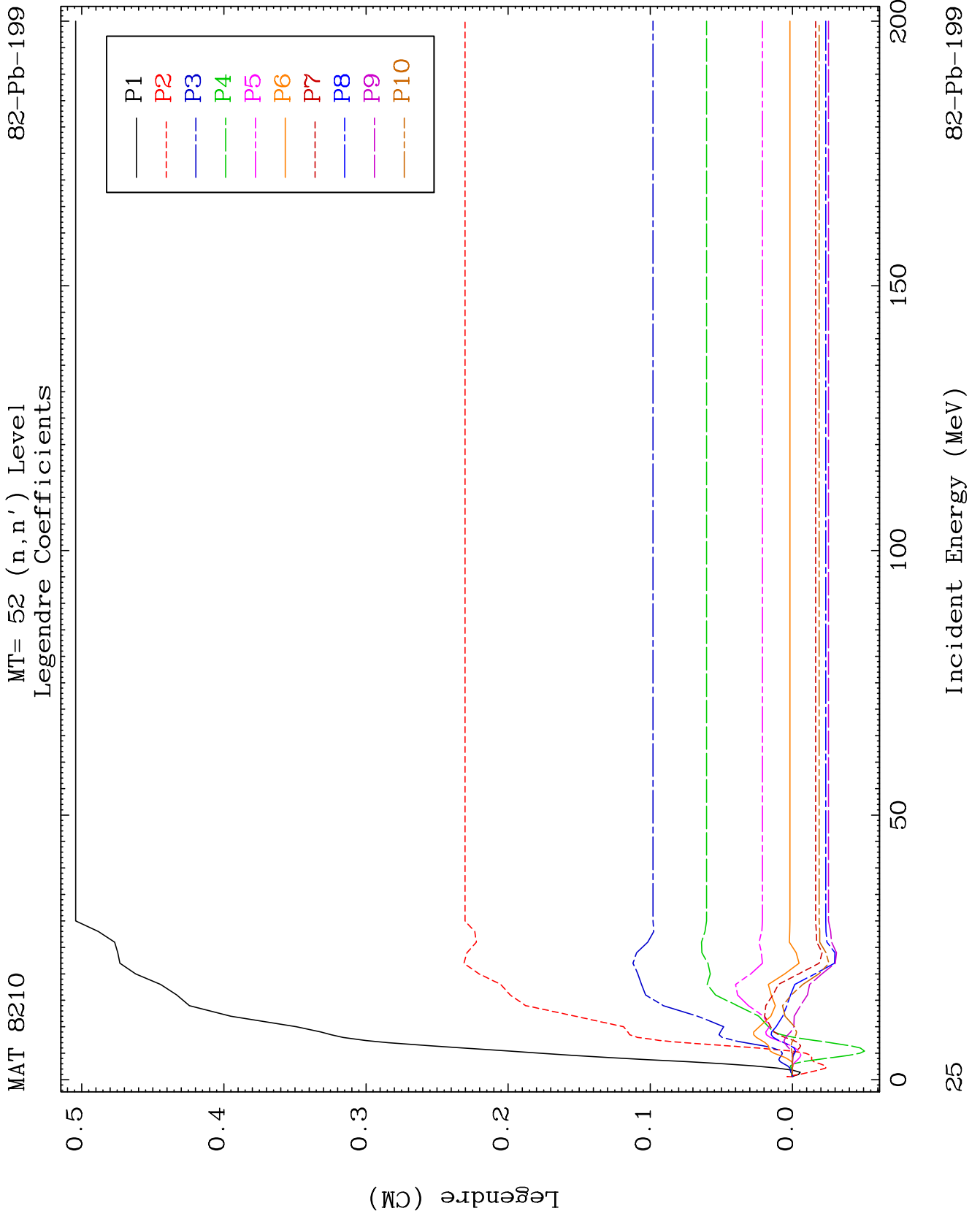
MT= 51 (n,n') Level
Legendre Coefficients

82-Pb-199



23

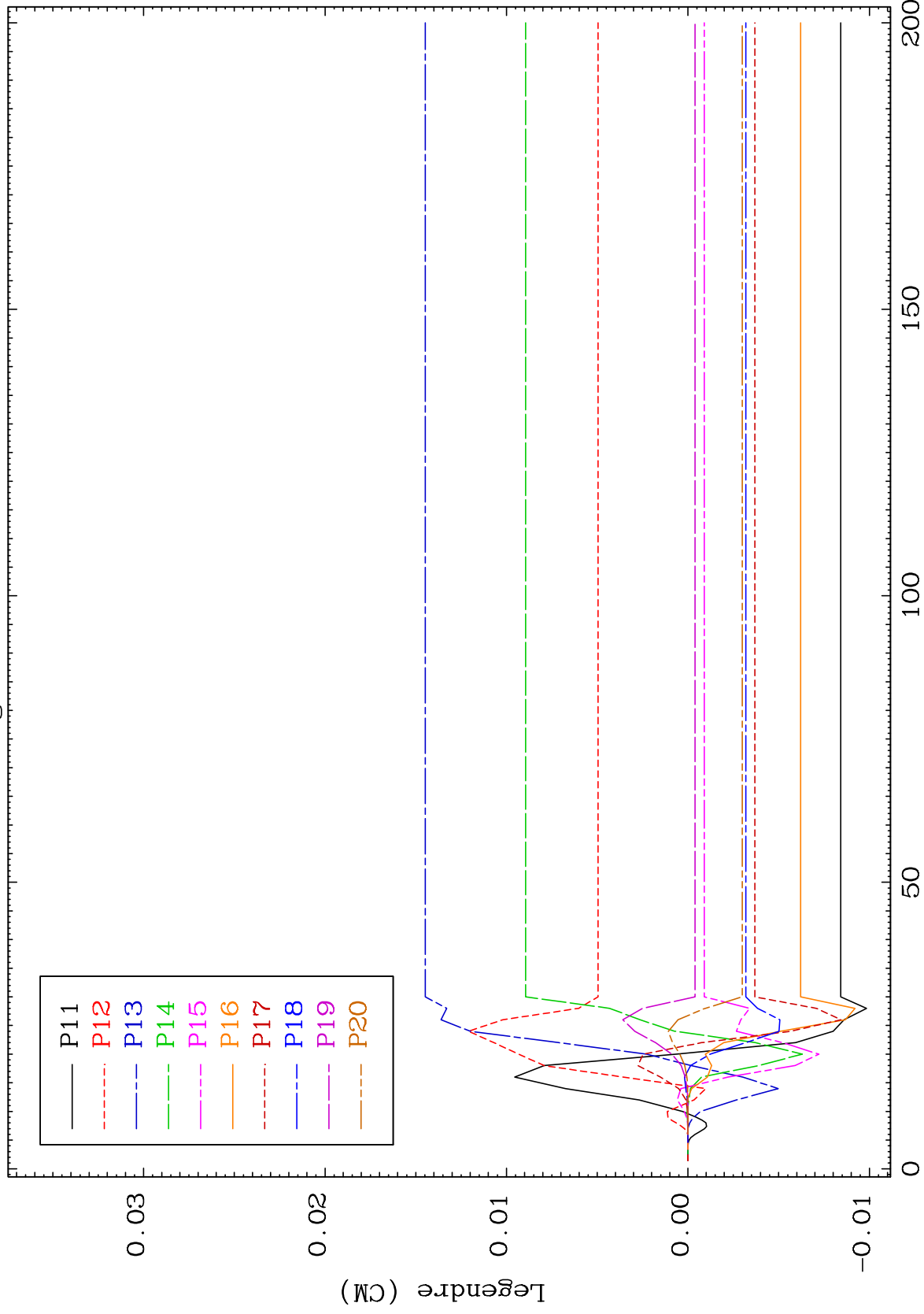




MAT 8210

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

82-Pb-199



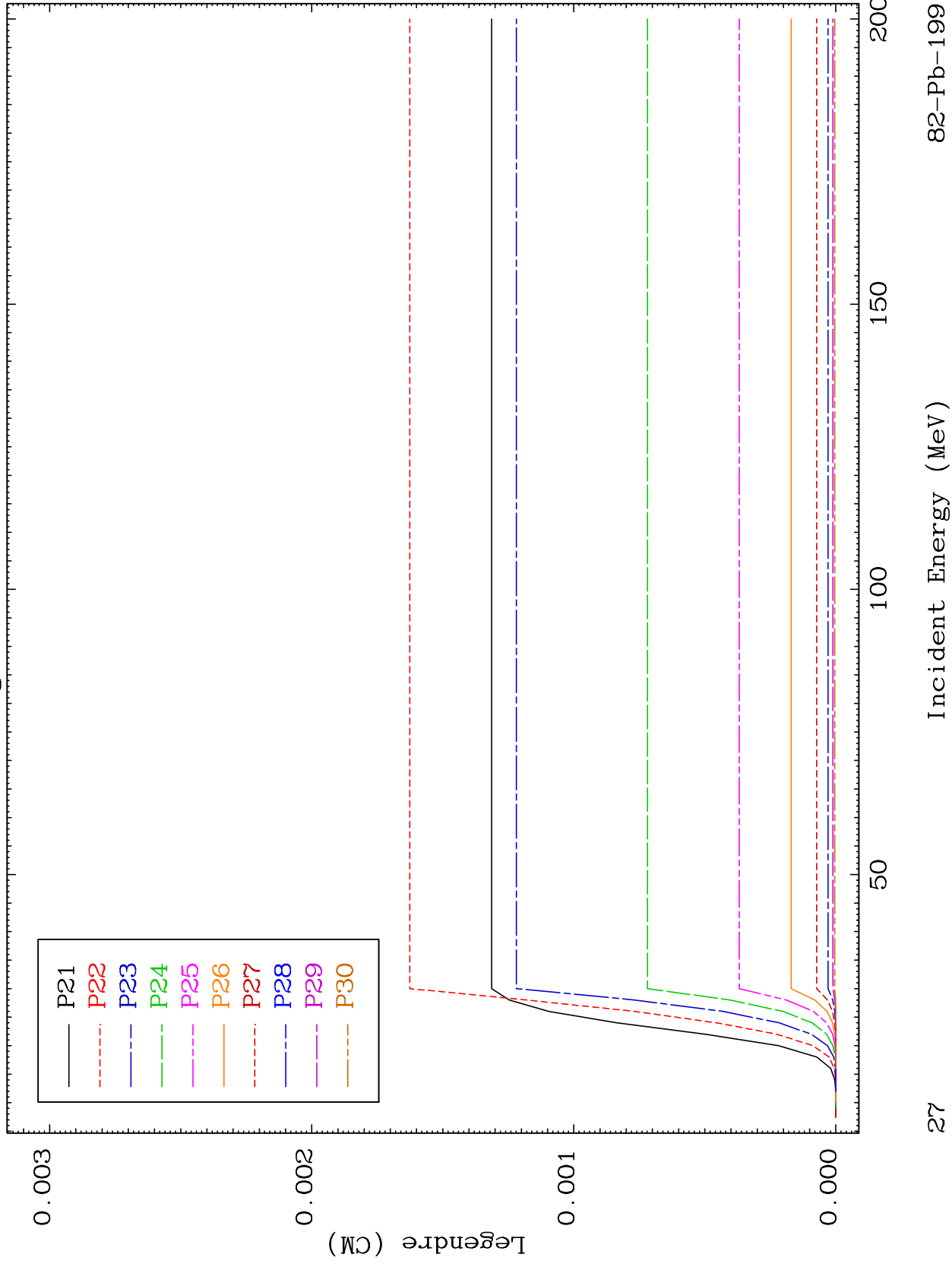
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82-Pb-199

MAT 8210

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

82-Pb-199

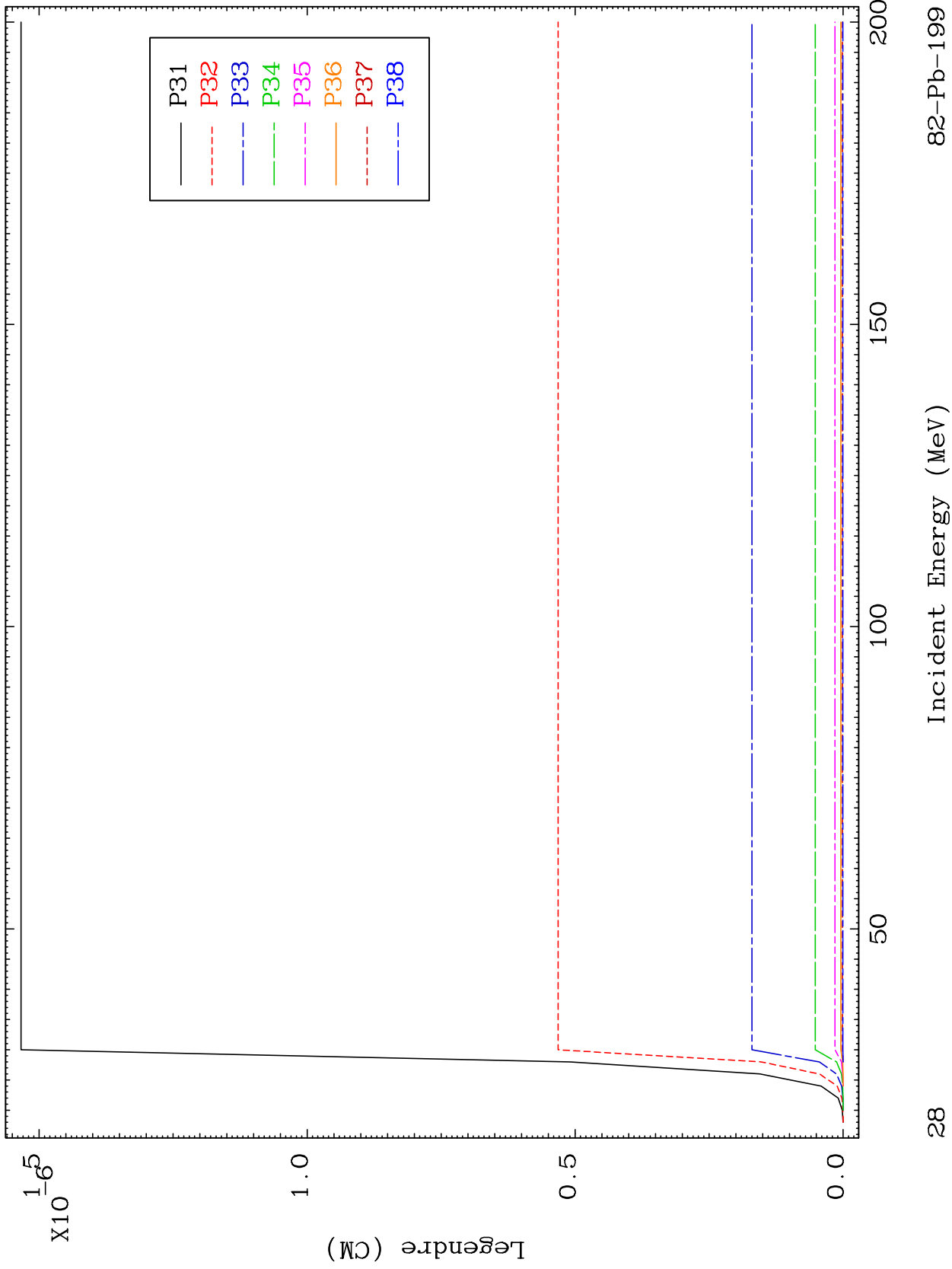


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MAT 8210

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

82-Pb-199

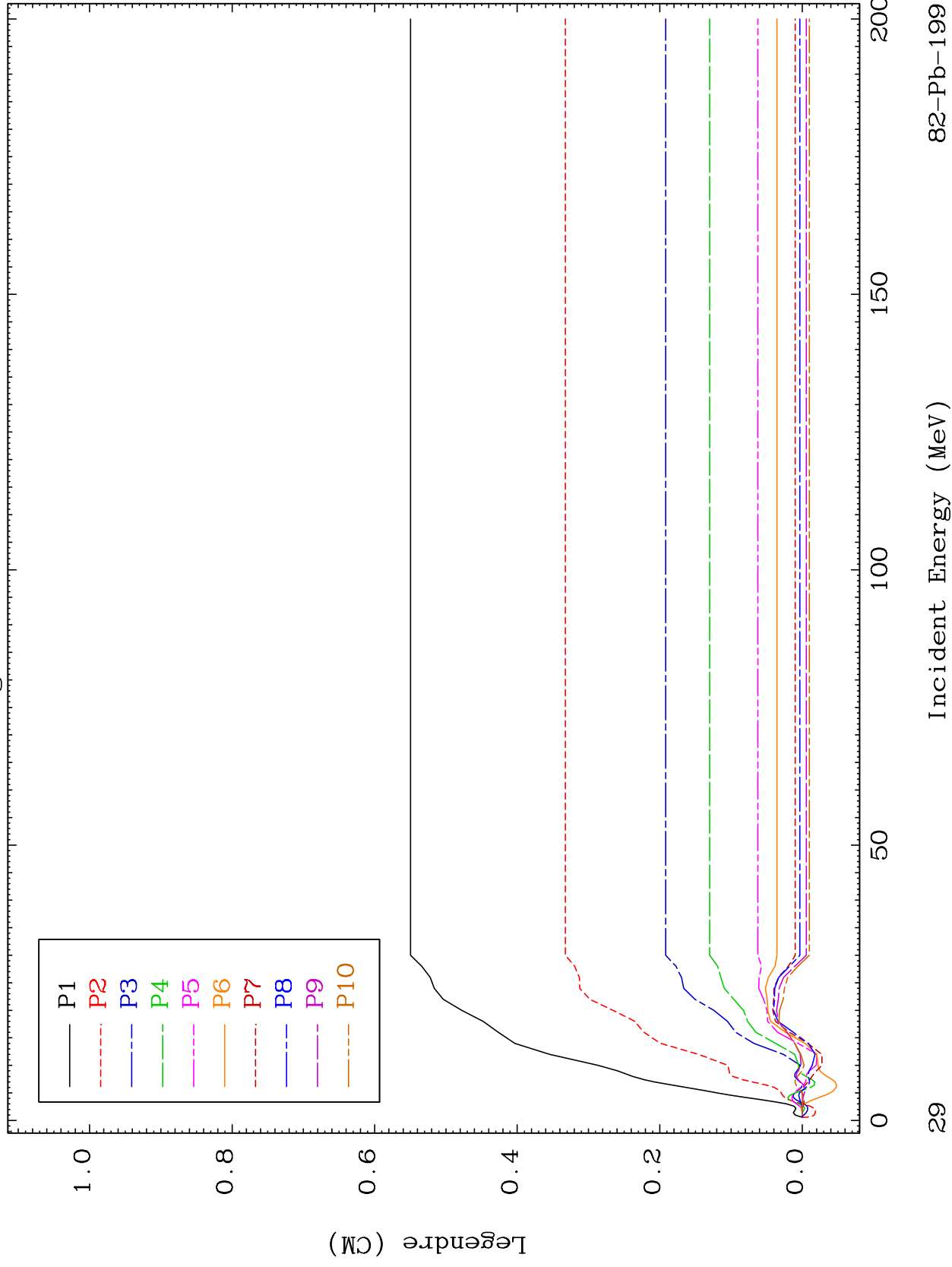


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MAT 8210

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

82-Pb-199

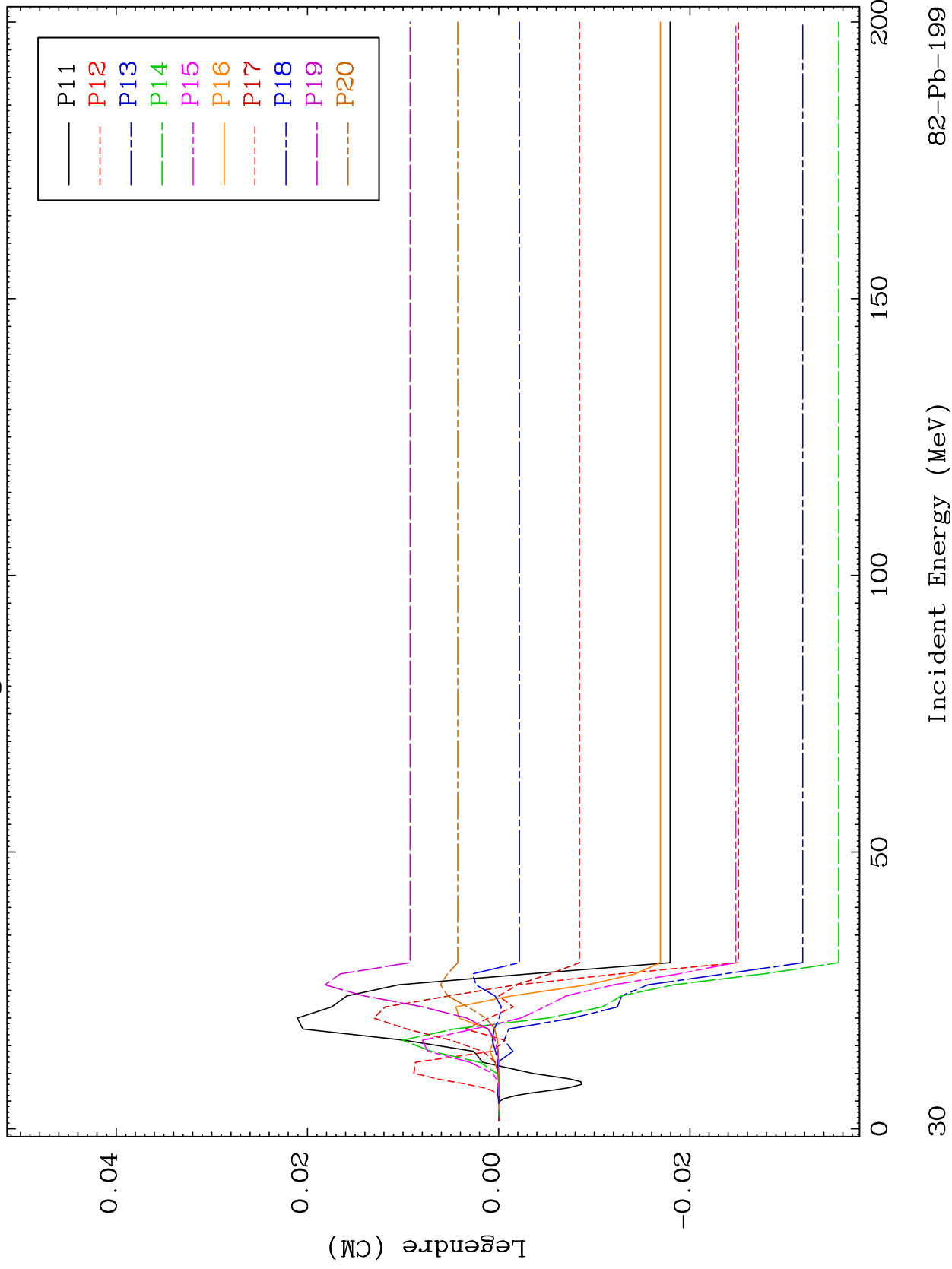


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MAT 8210

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

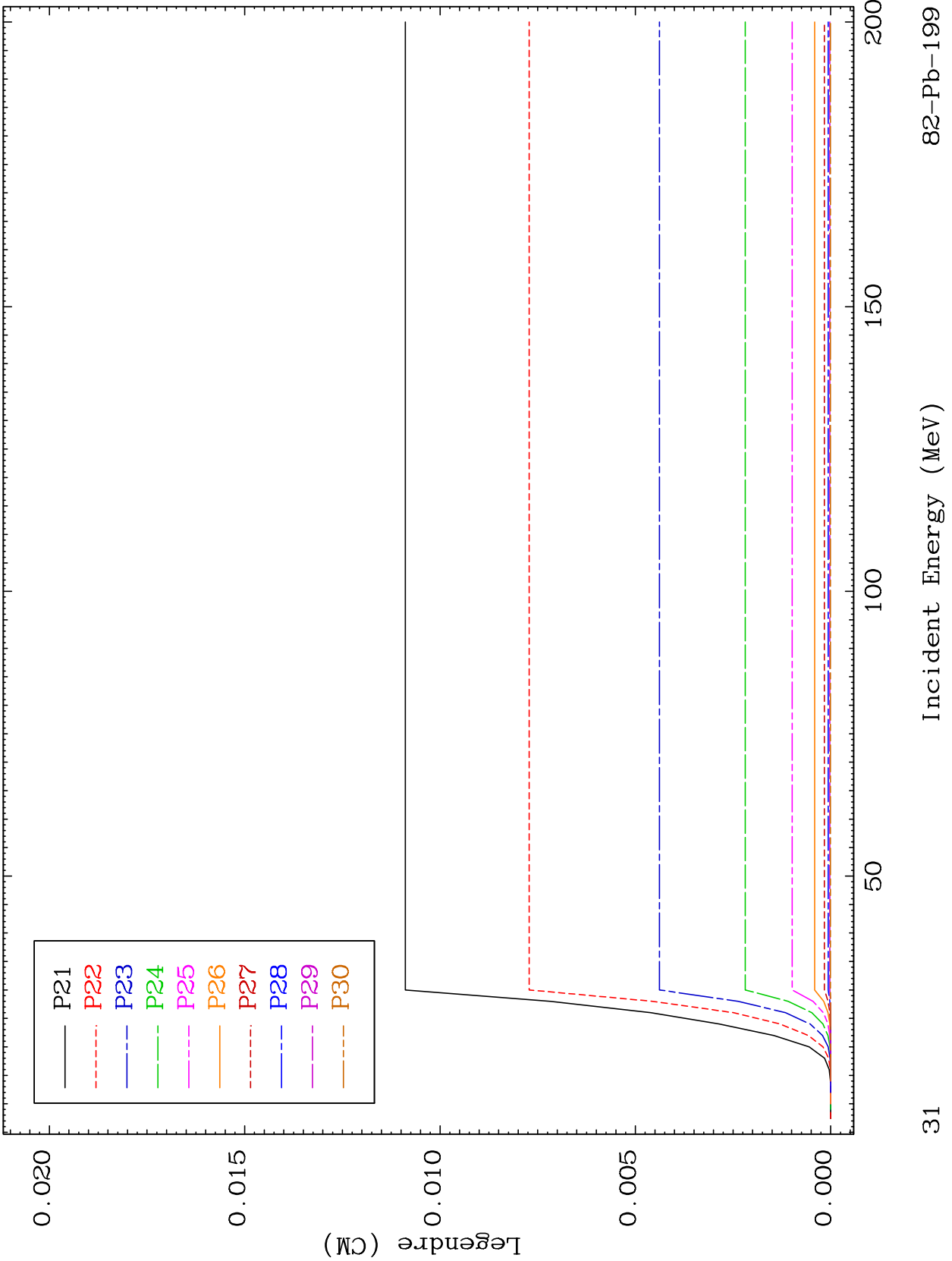
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MAT 8210

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

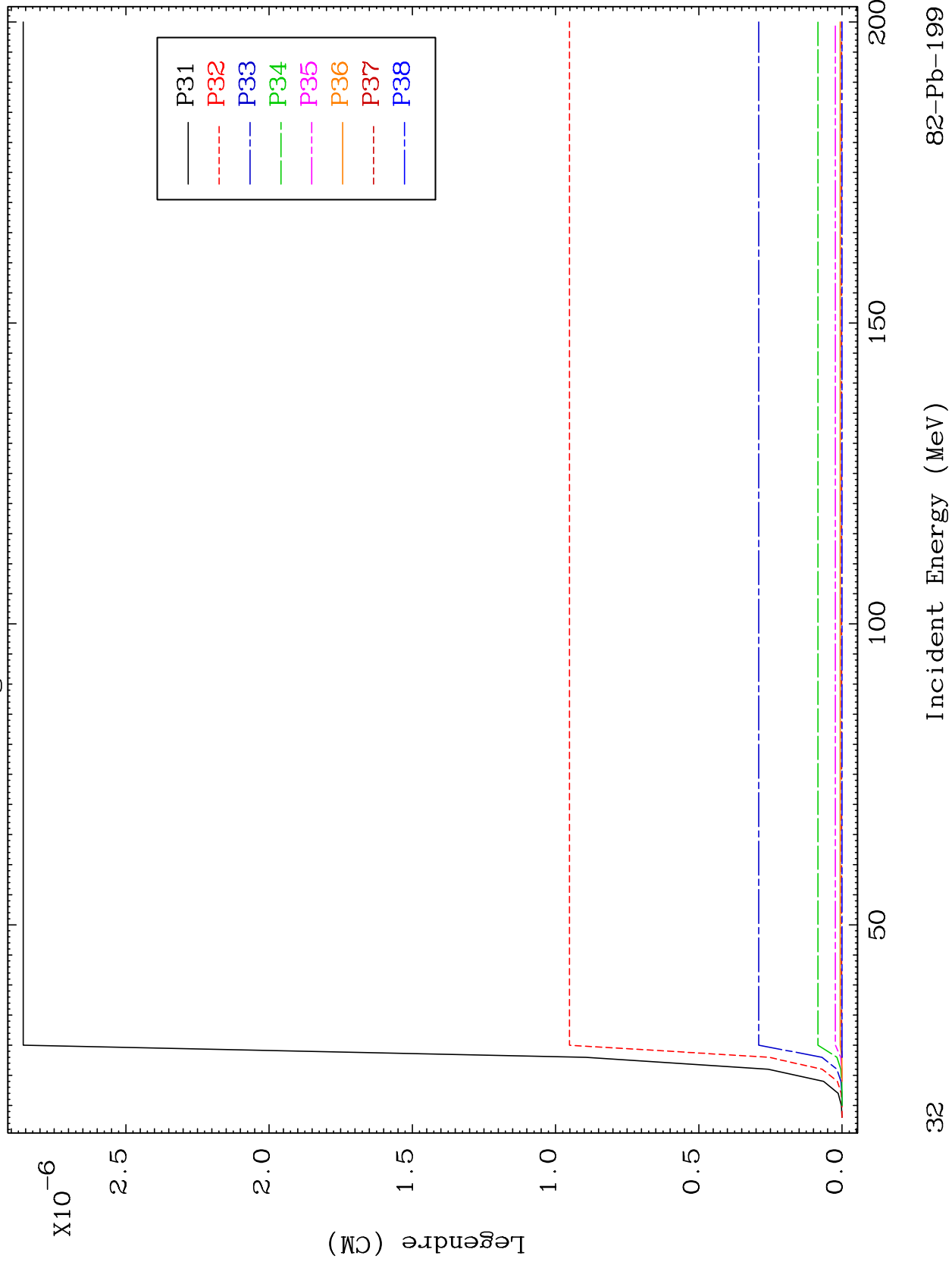
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MAT 8210

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

82-Pb-199

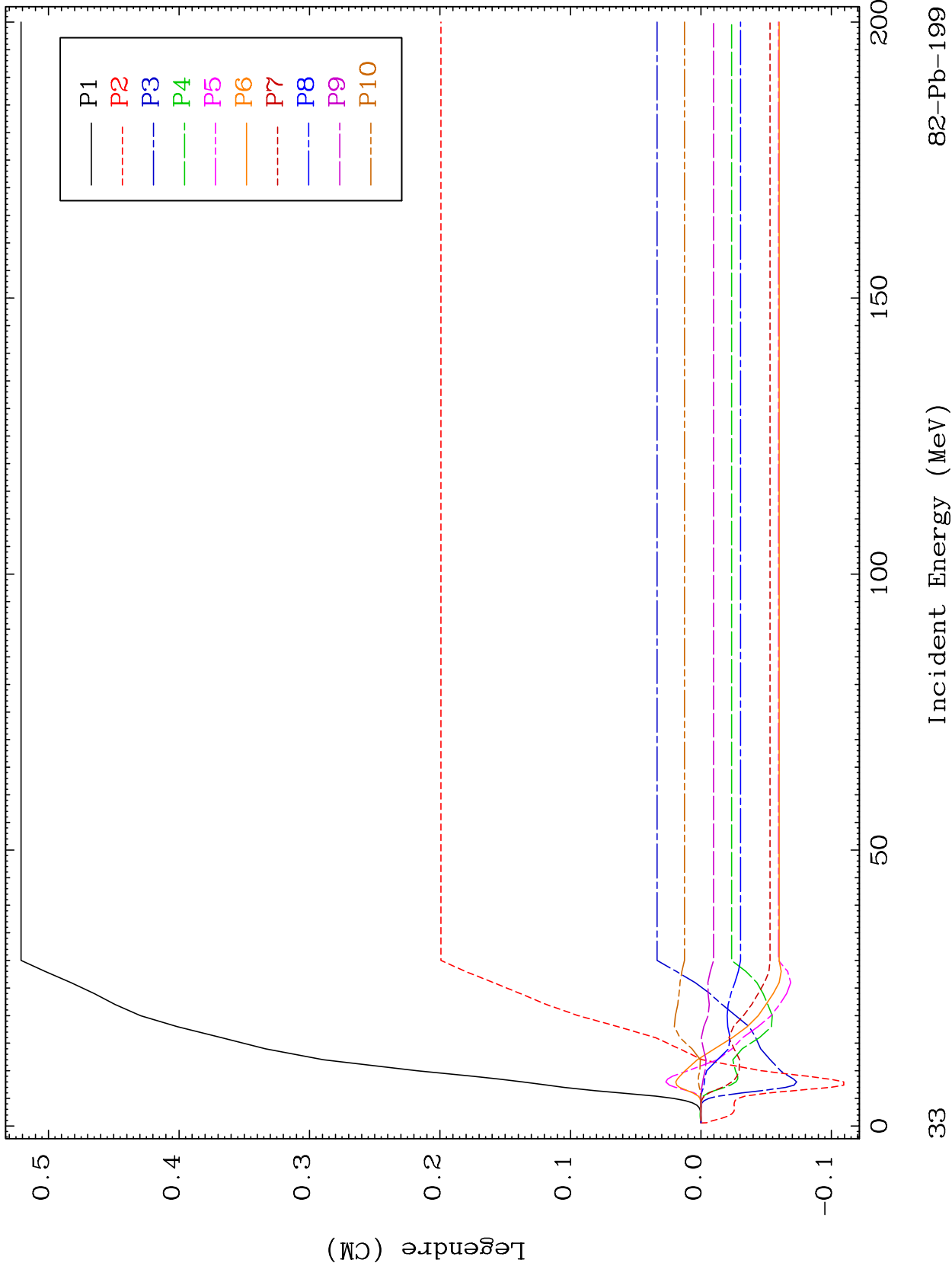


32

MAT 8210

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

82-Pb-199



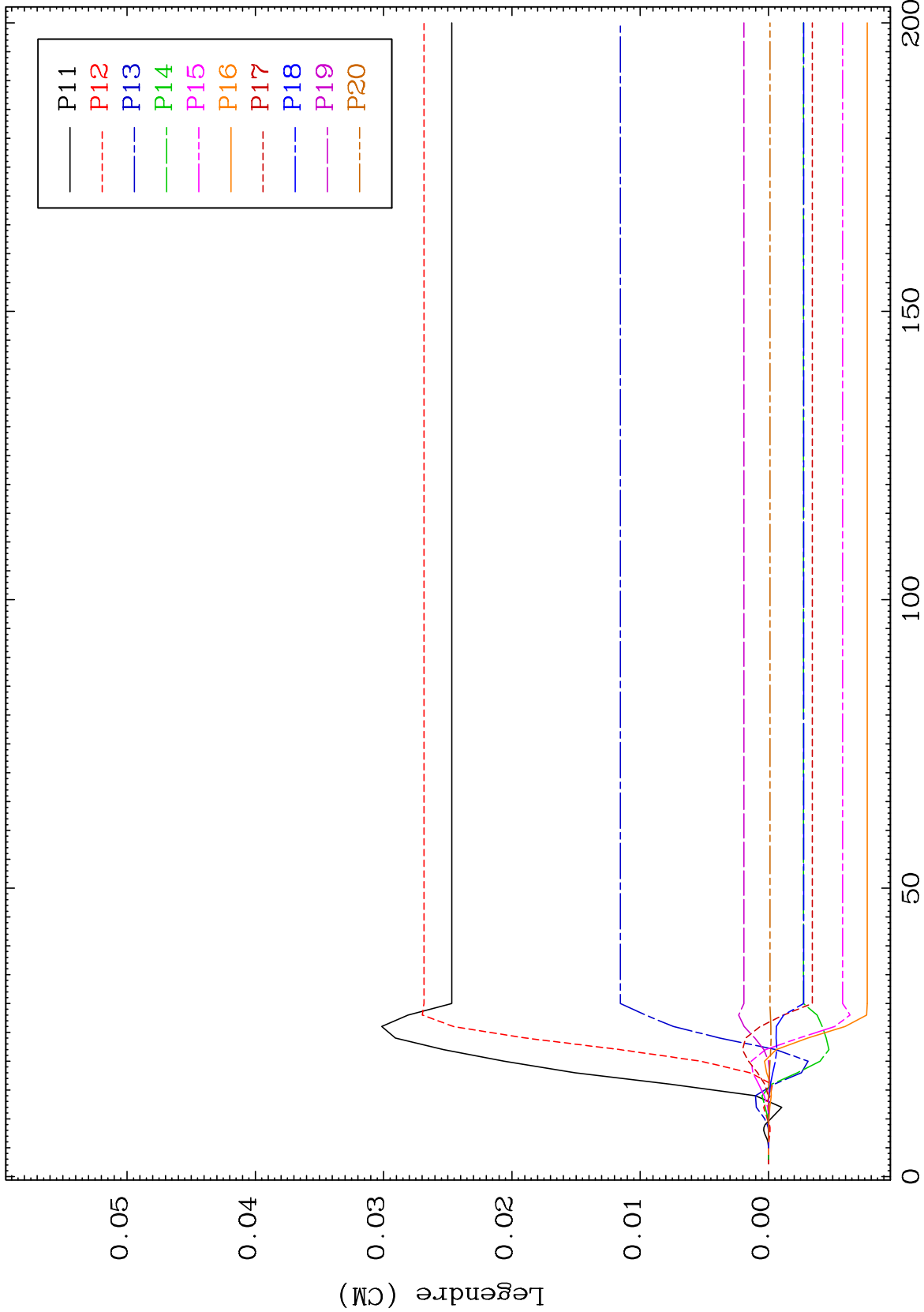
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82-Pb-199

MAT 8210

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

82-Pb-199



34

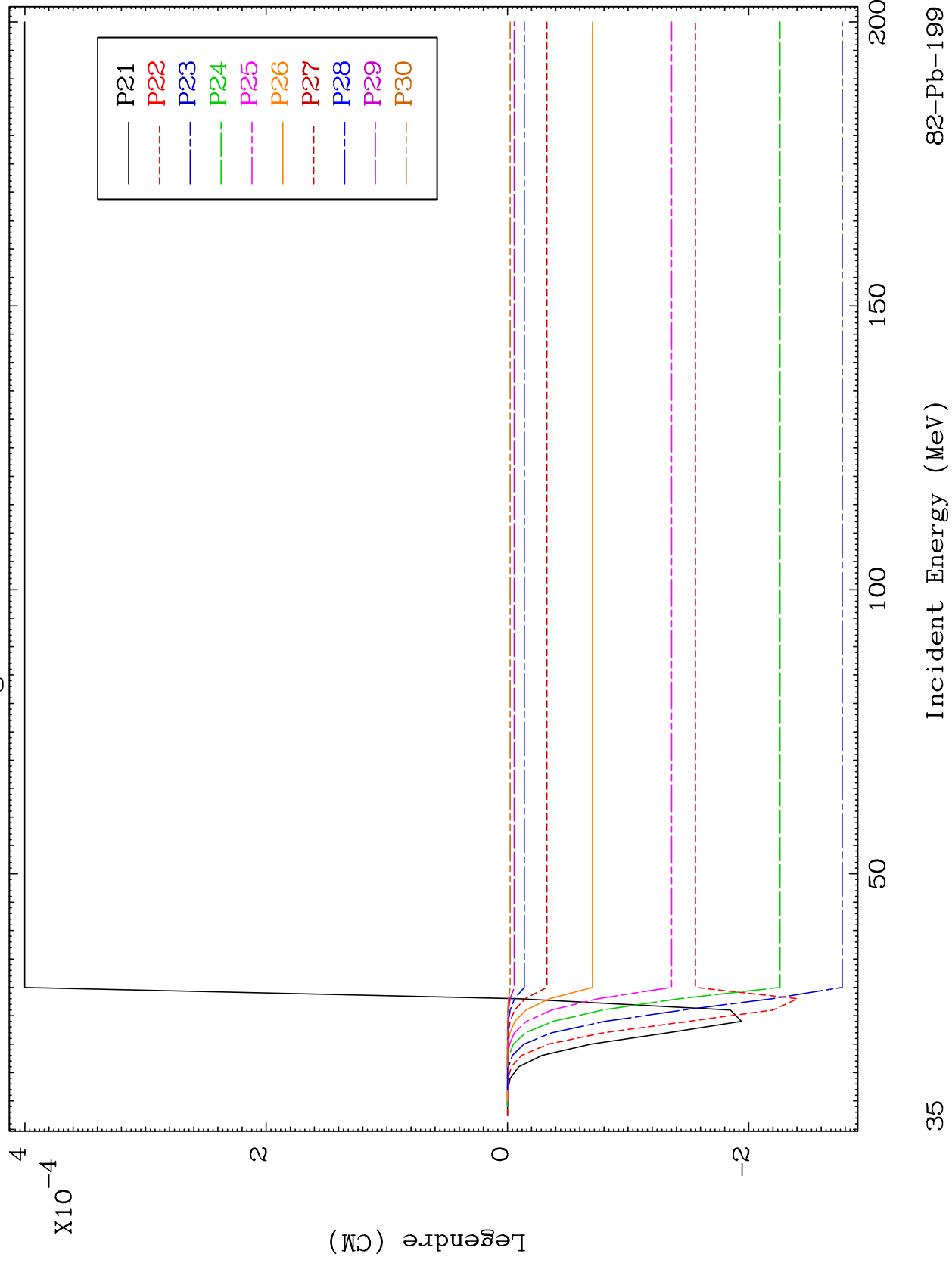
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

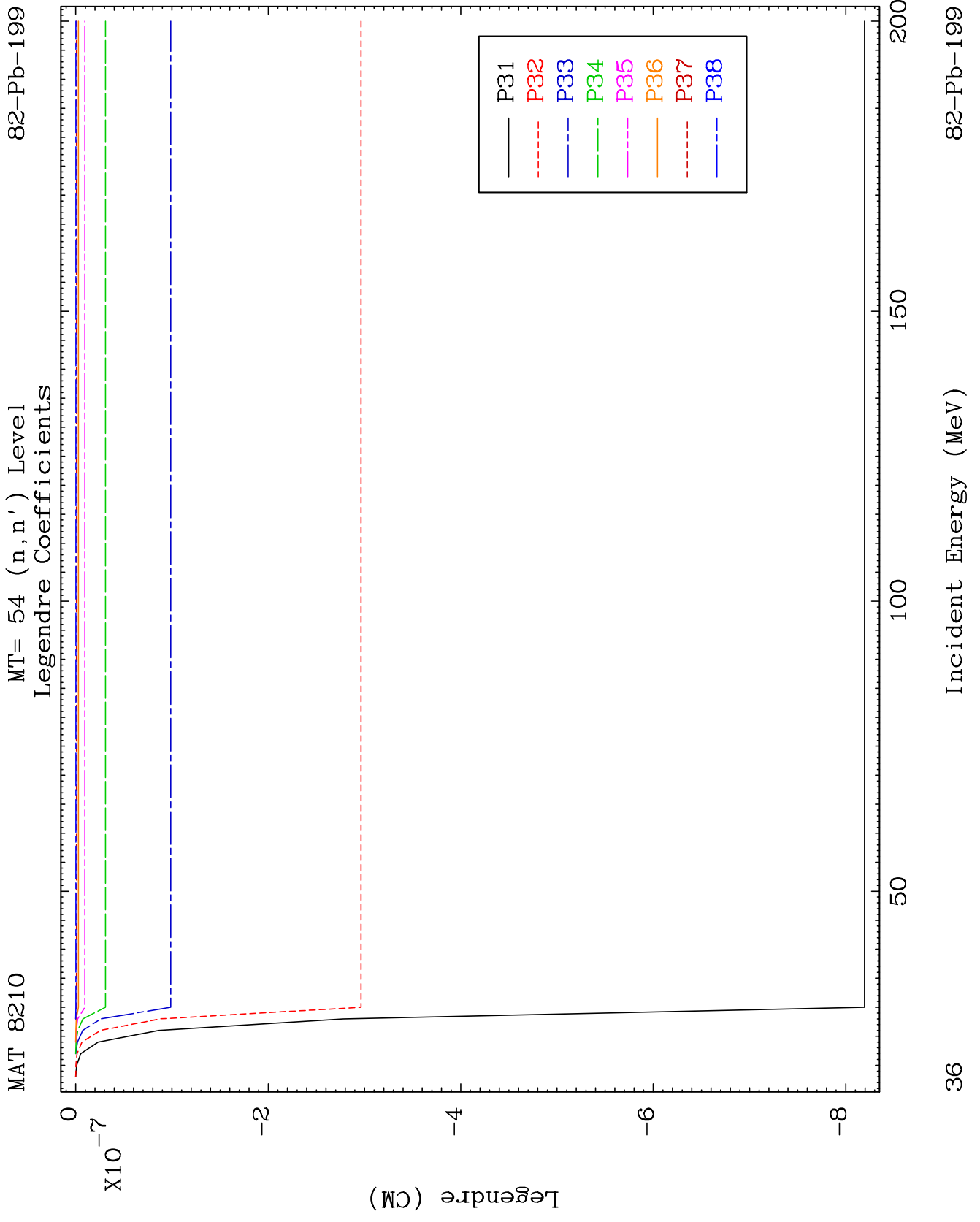
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35

Incident Energy (MeV)

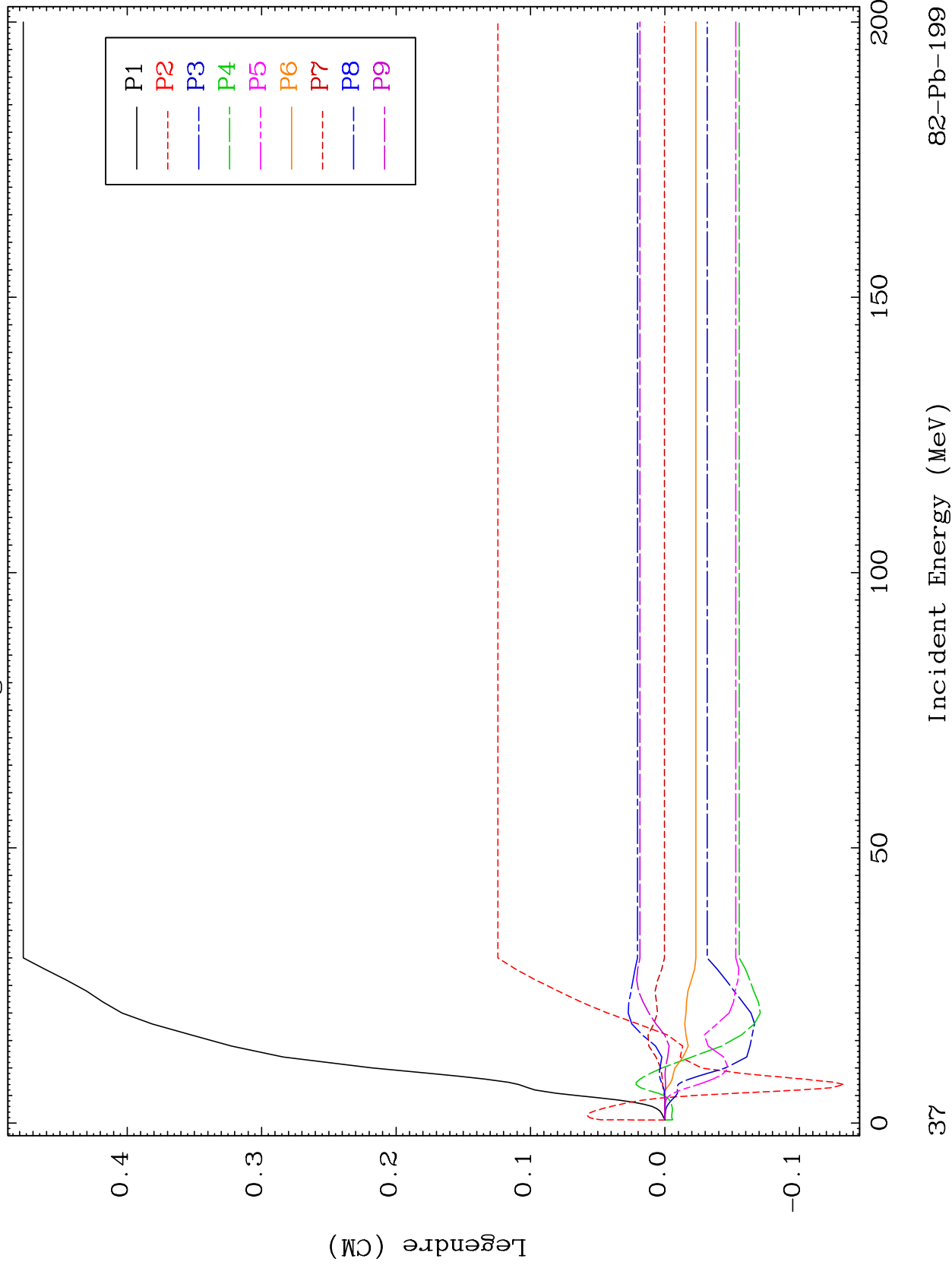
82-Pb-199



MAT 8210

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

82-Pb-199



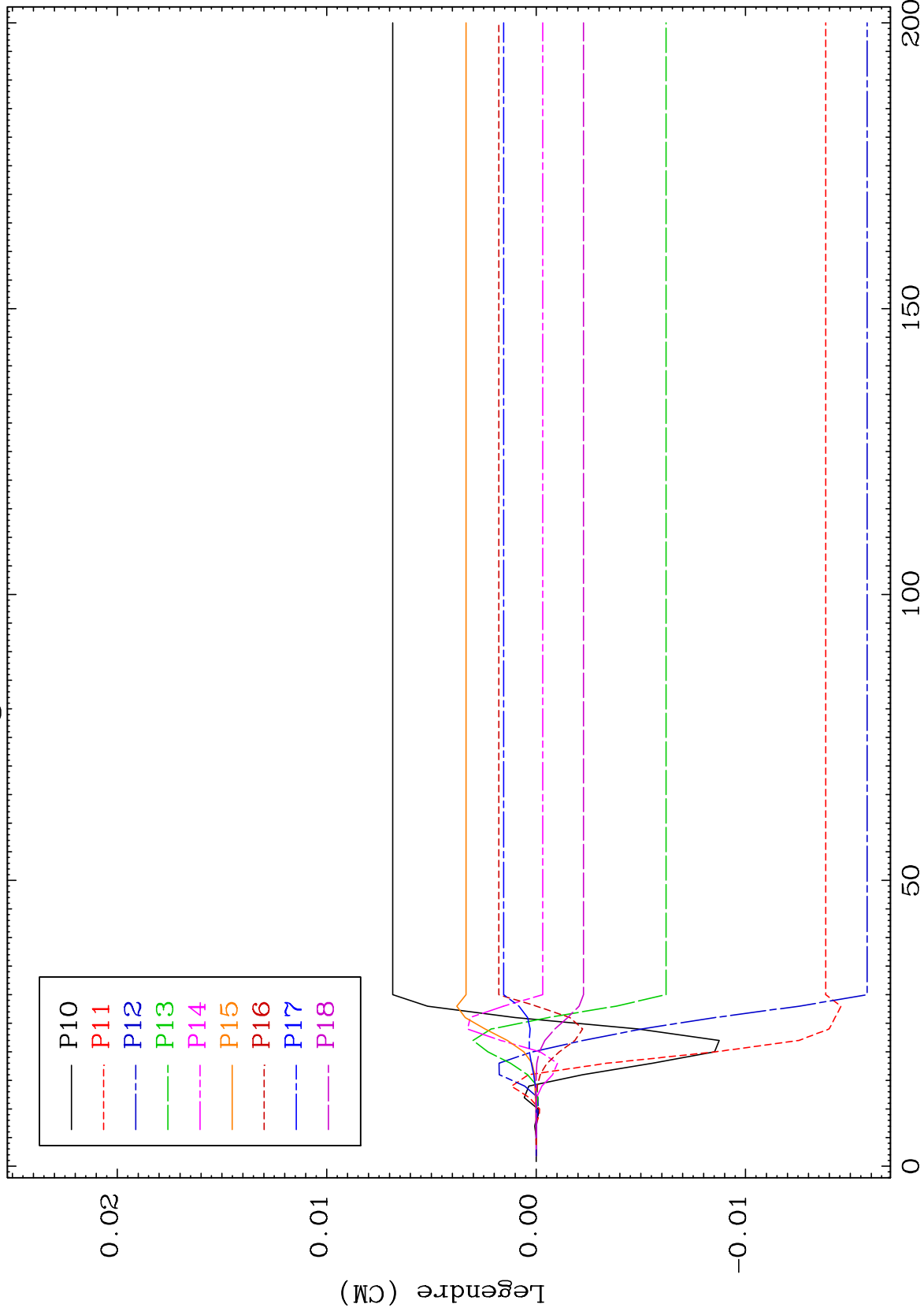
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82-Pb-199

MAT 8210

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

82-Pb-199



38

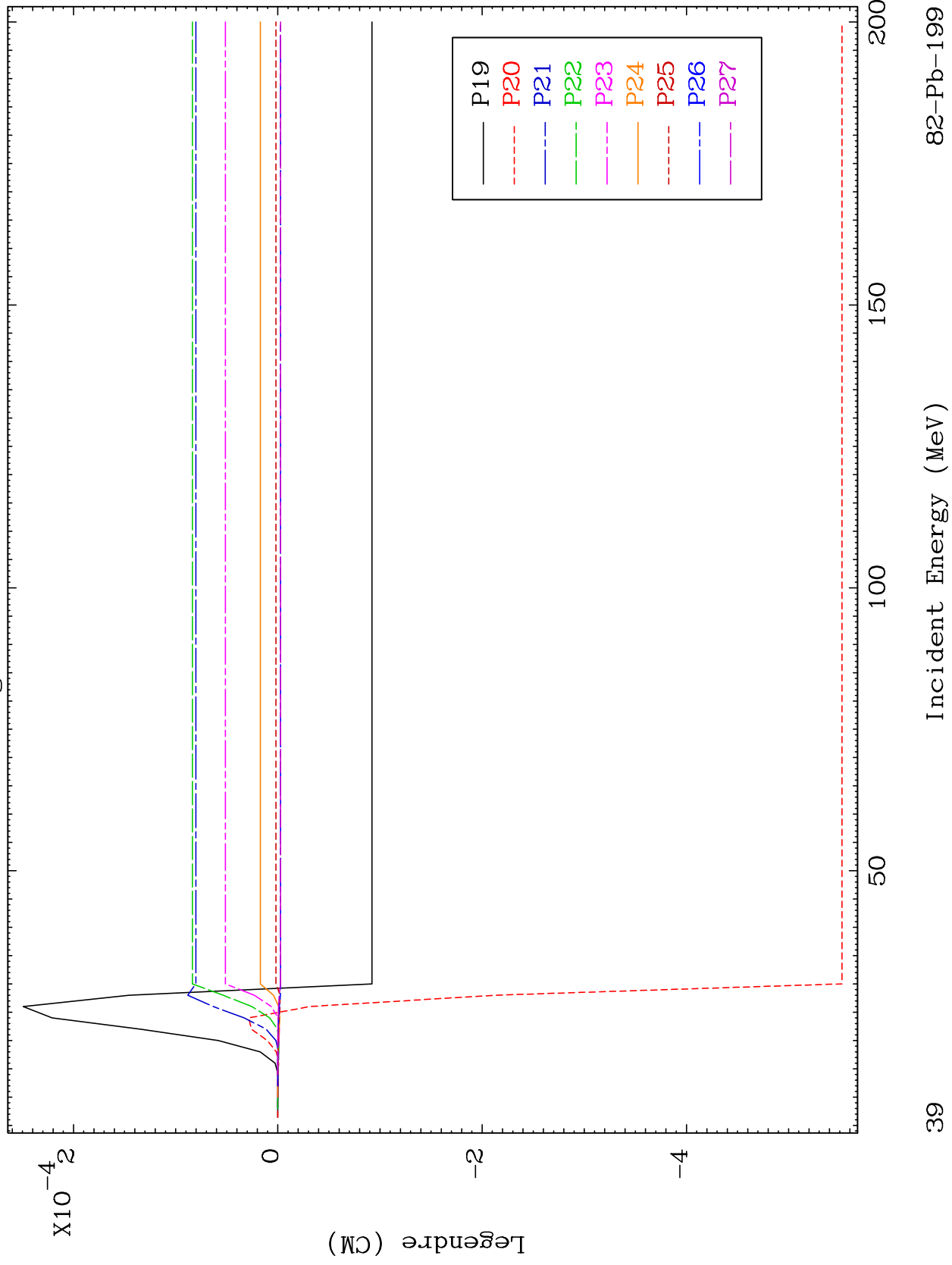
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

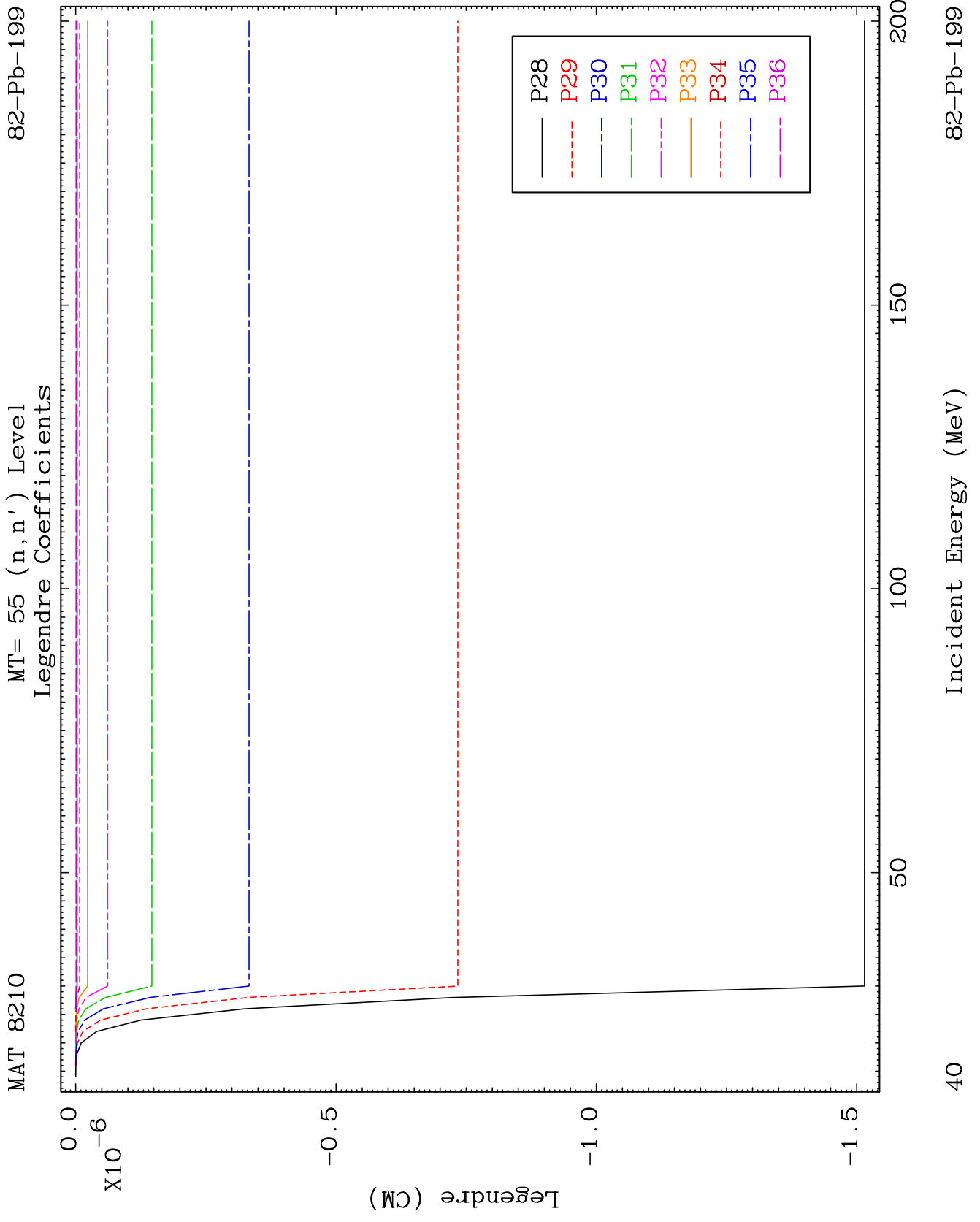
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39

Incident Energy (MeV)

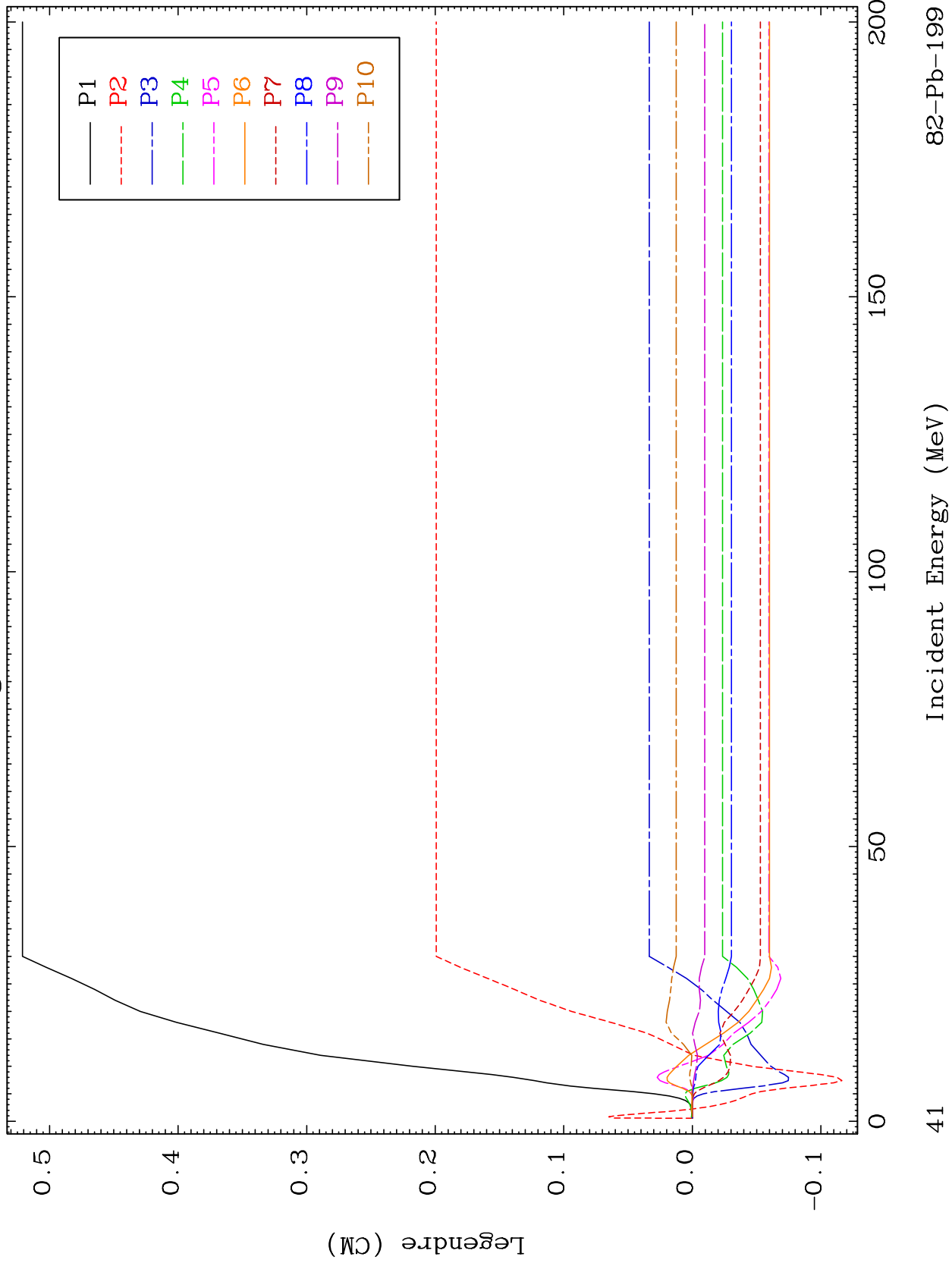
82-Pb-199



MAT 8210

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

82-Pb-199



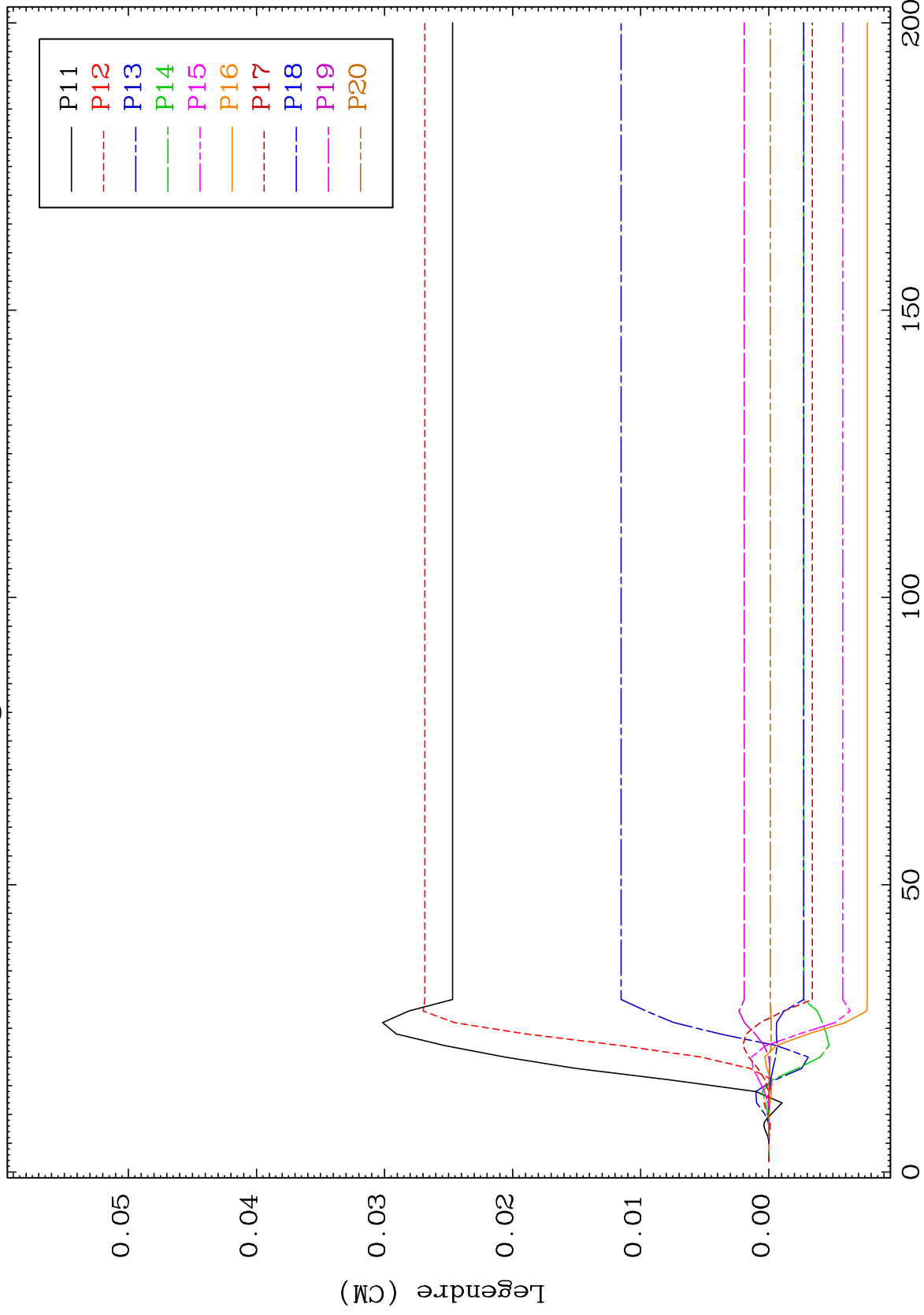
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82-Pb-199

MAT 8210

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

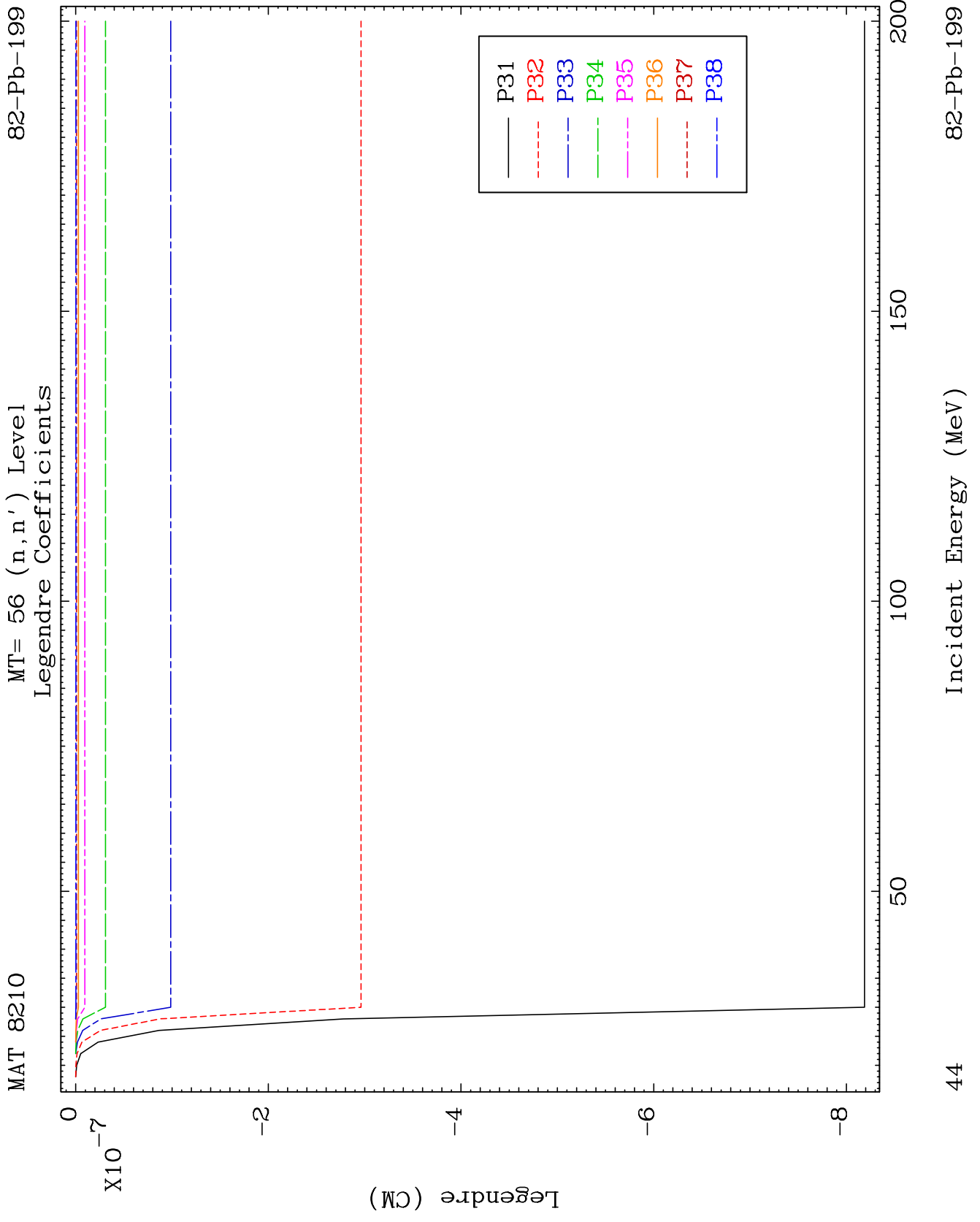
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42

Incident Energy (MeV)

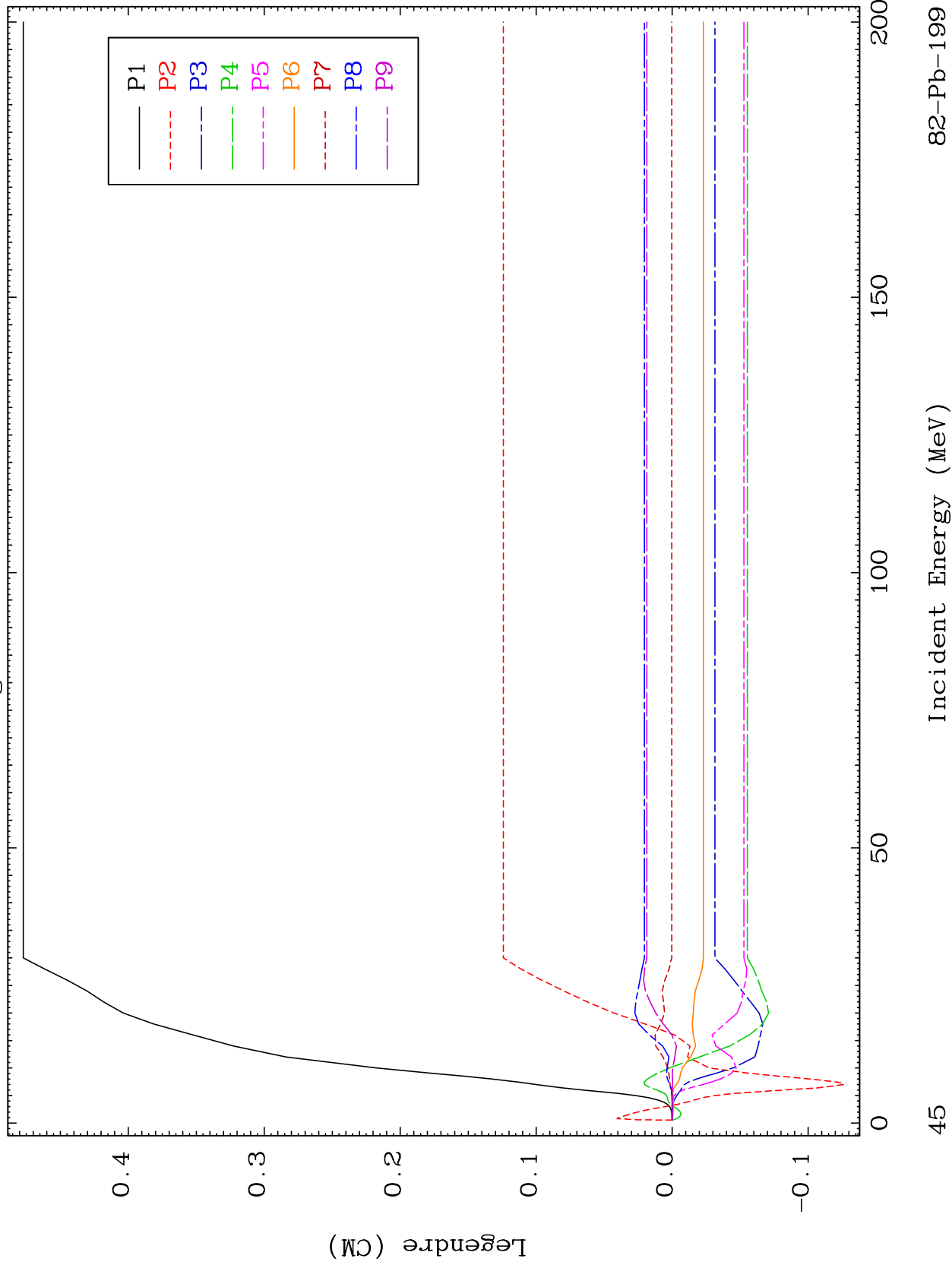
82-Pb-199



MAT 8210

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

82-Pb-199



82-Pb-199

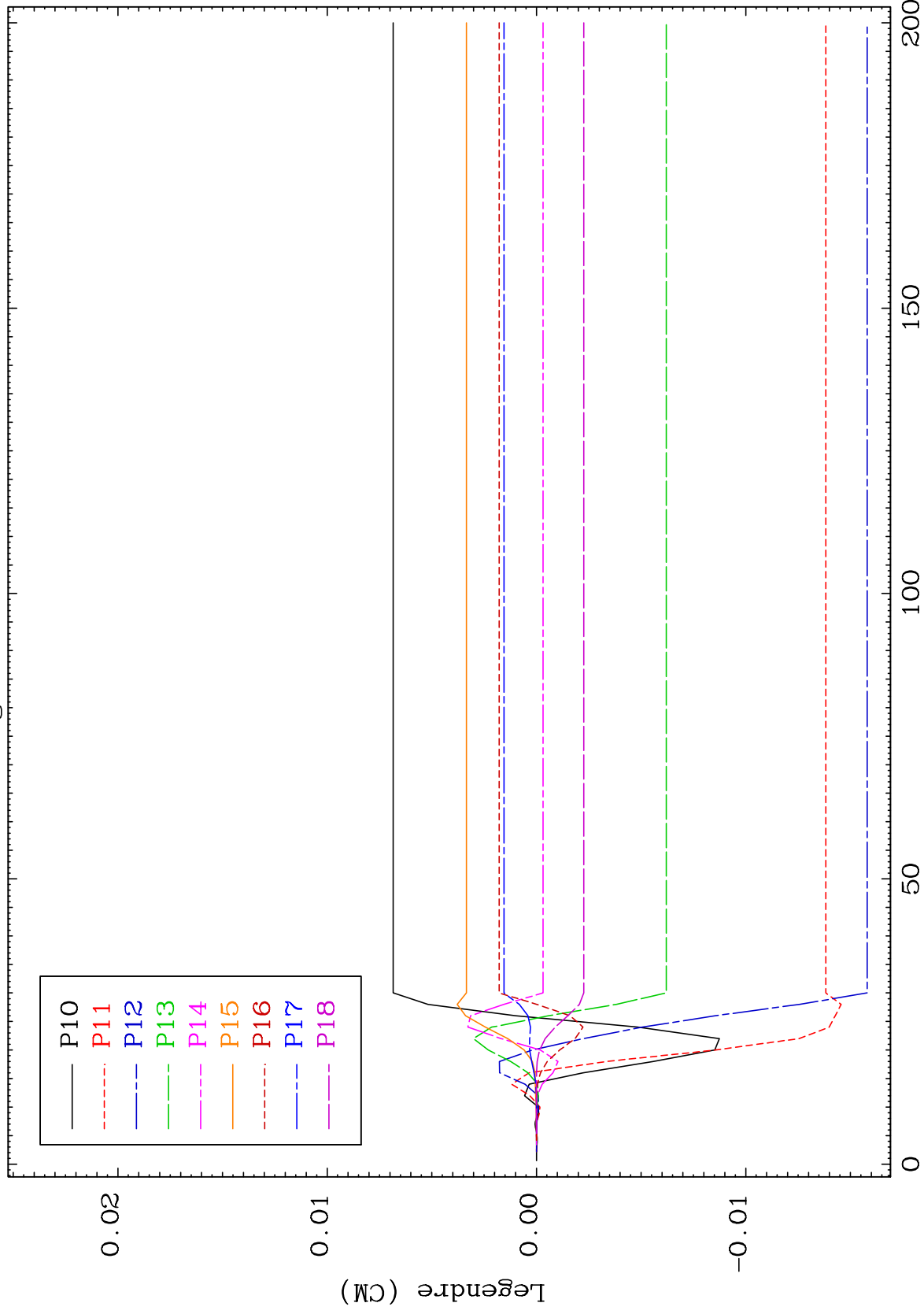
Incident Energy (MeV)

45

MAT 8210

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

82-Pb-199



46

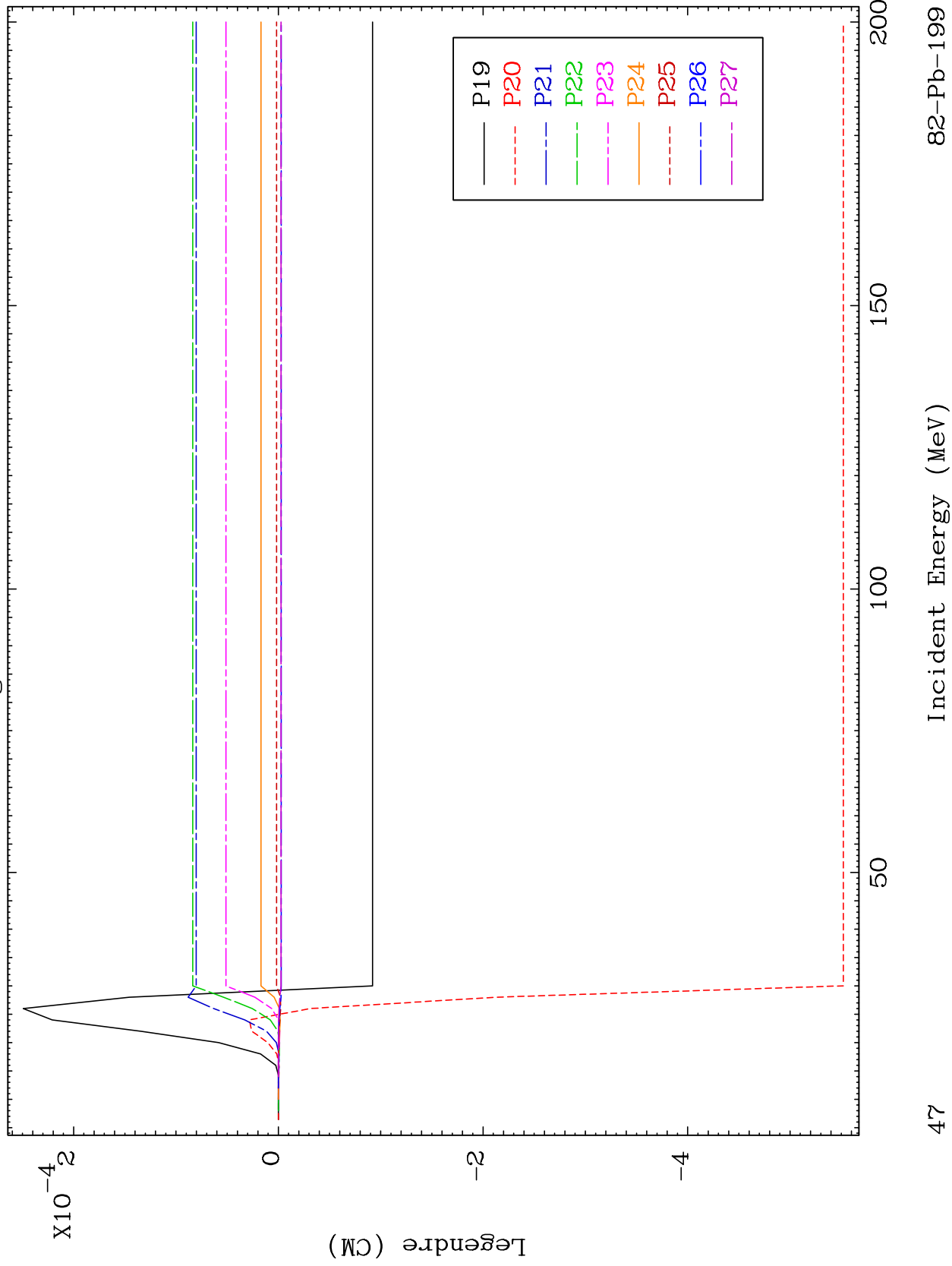
Incident Energy (MeV)

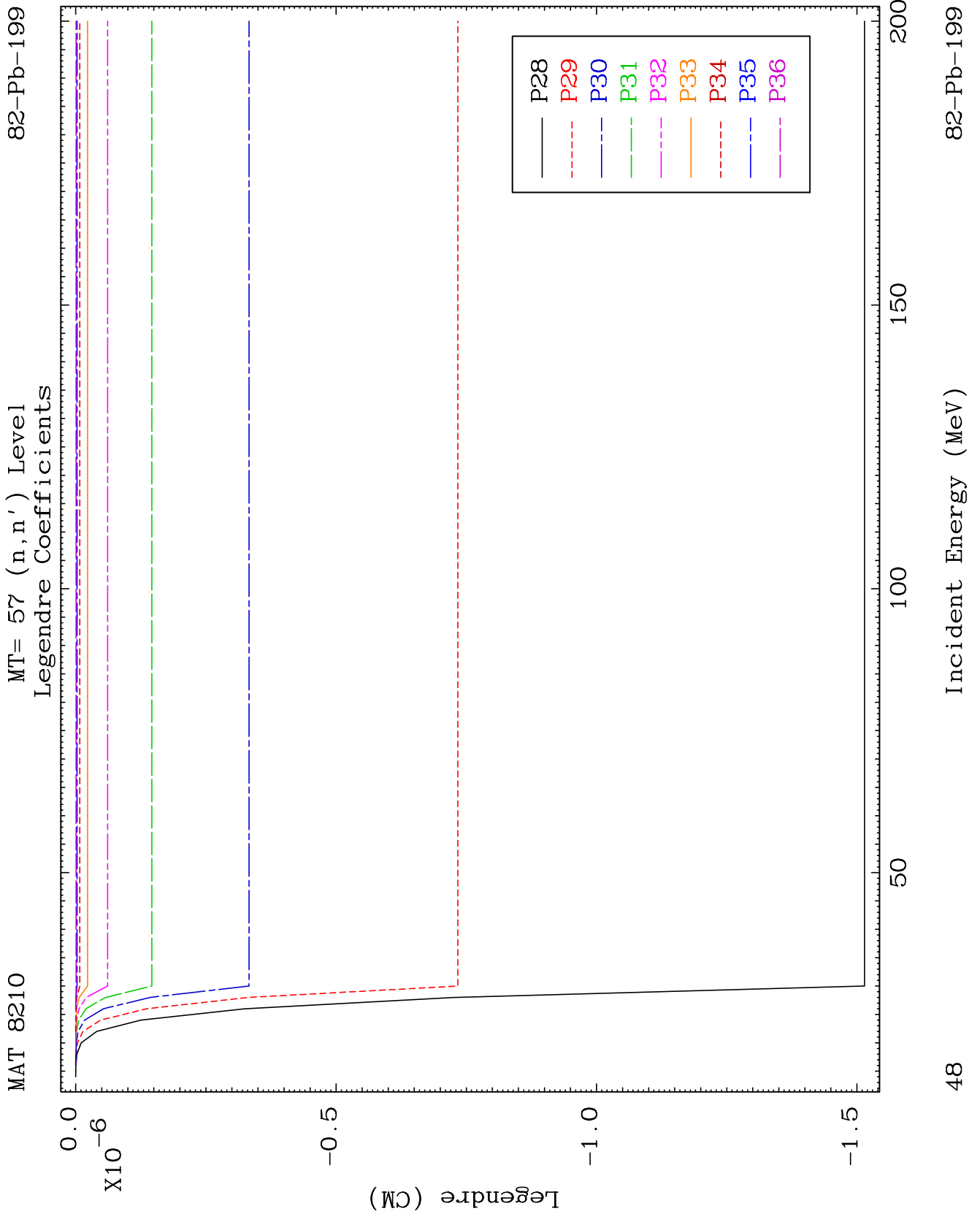
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MAT 8210

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

82-Pb-199

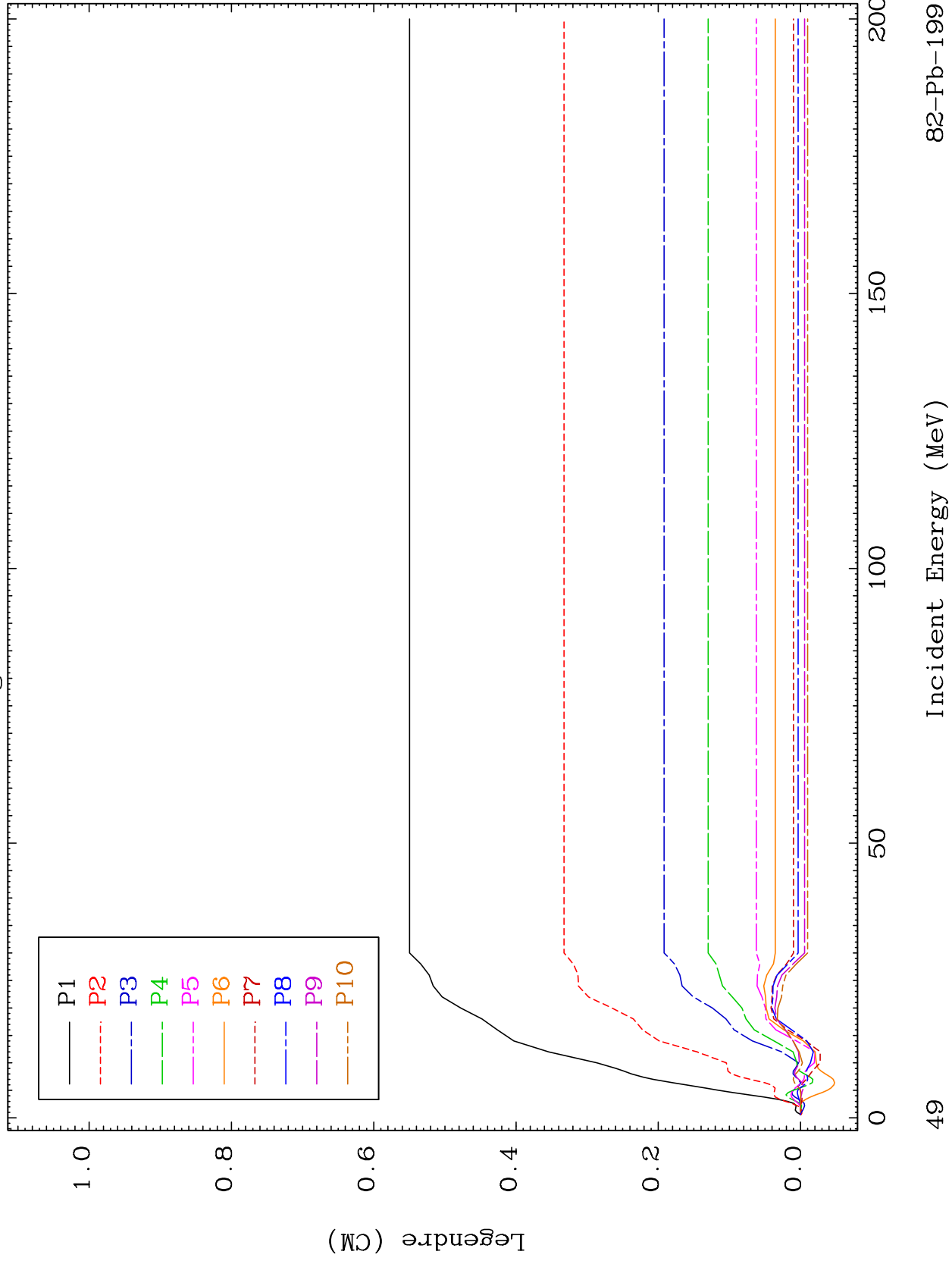




MAT 8210

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

82-Pb-199



49

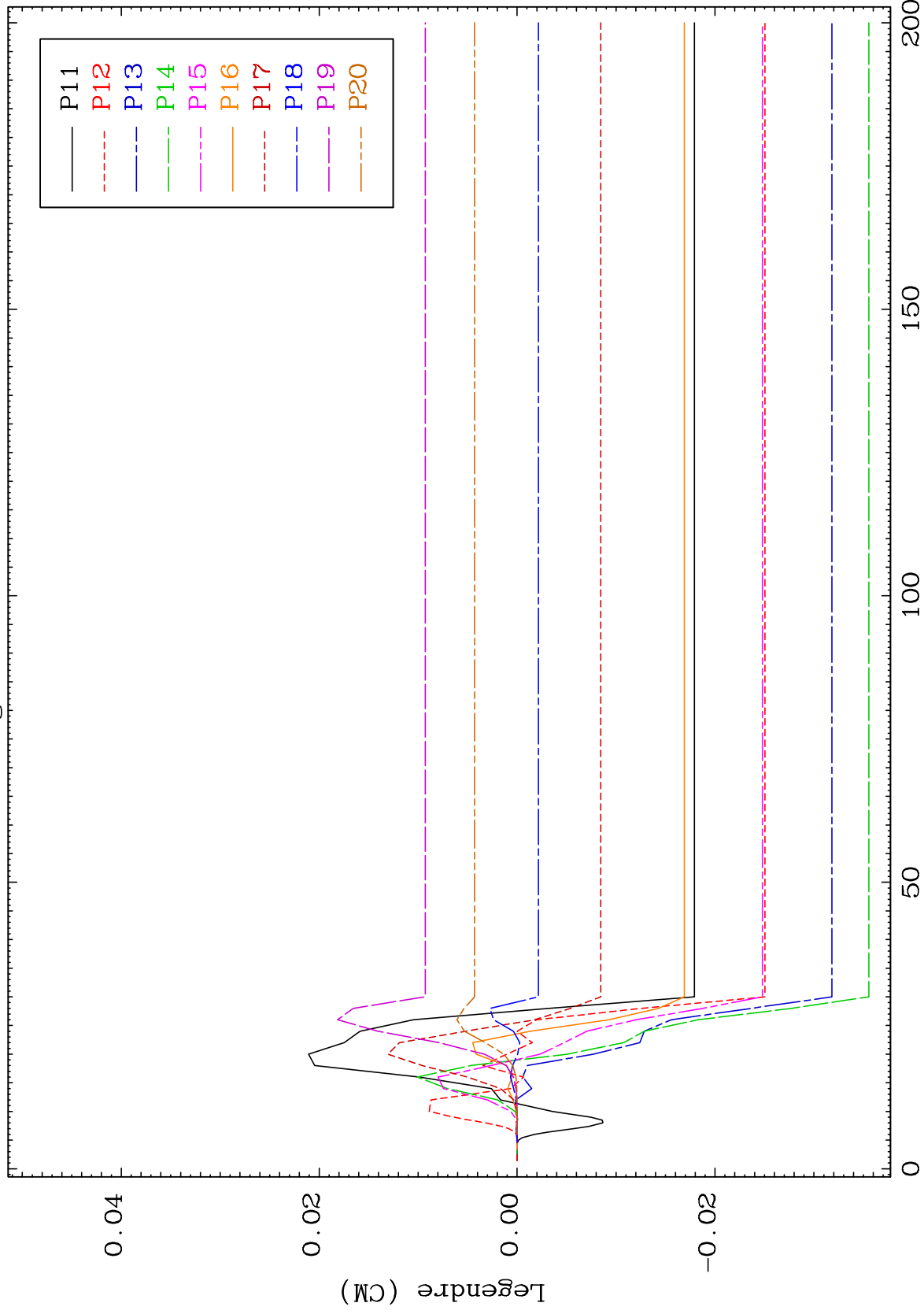
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199



82-Pb-199

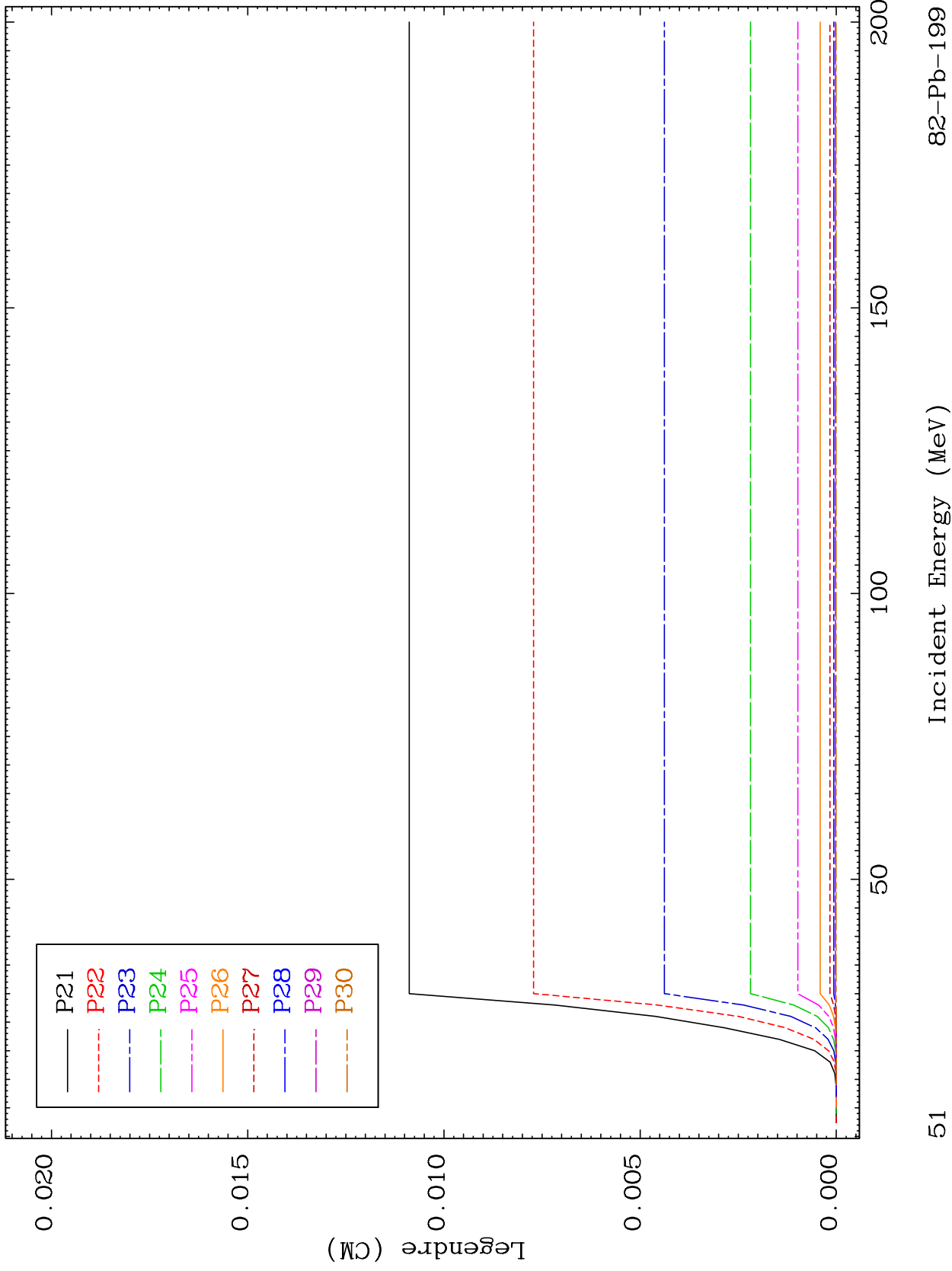
Incident Energy (MeV)

50

MAT 8210

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

82-Pb-199



51

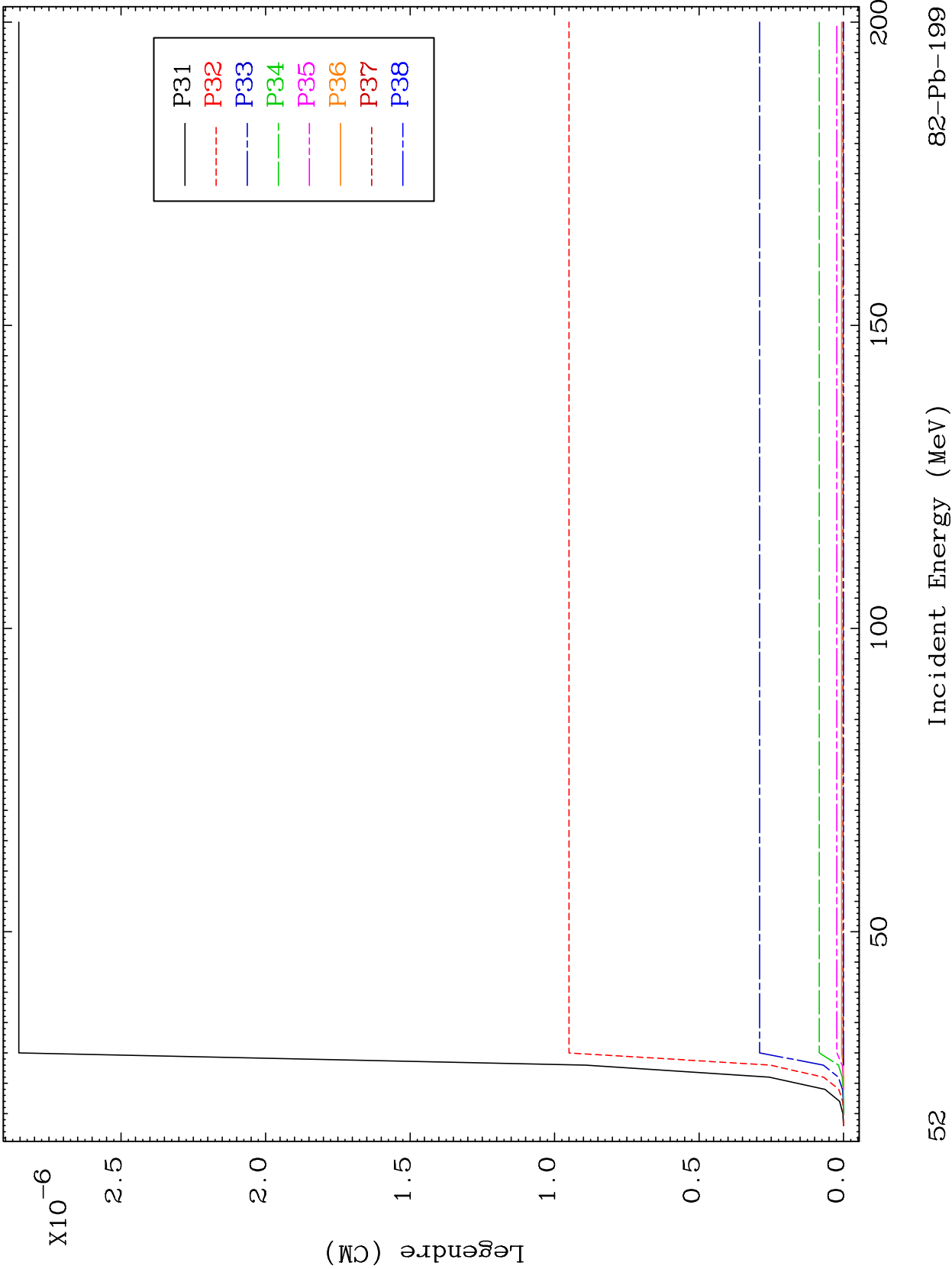
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199



52

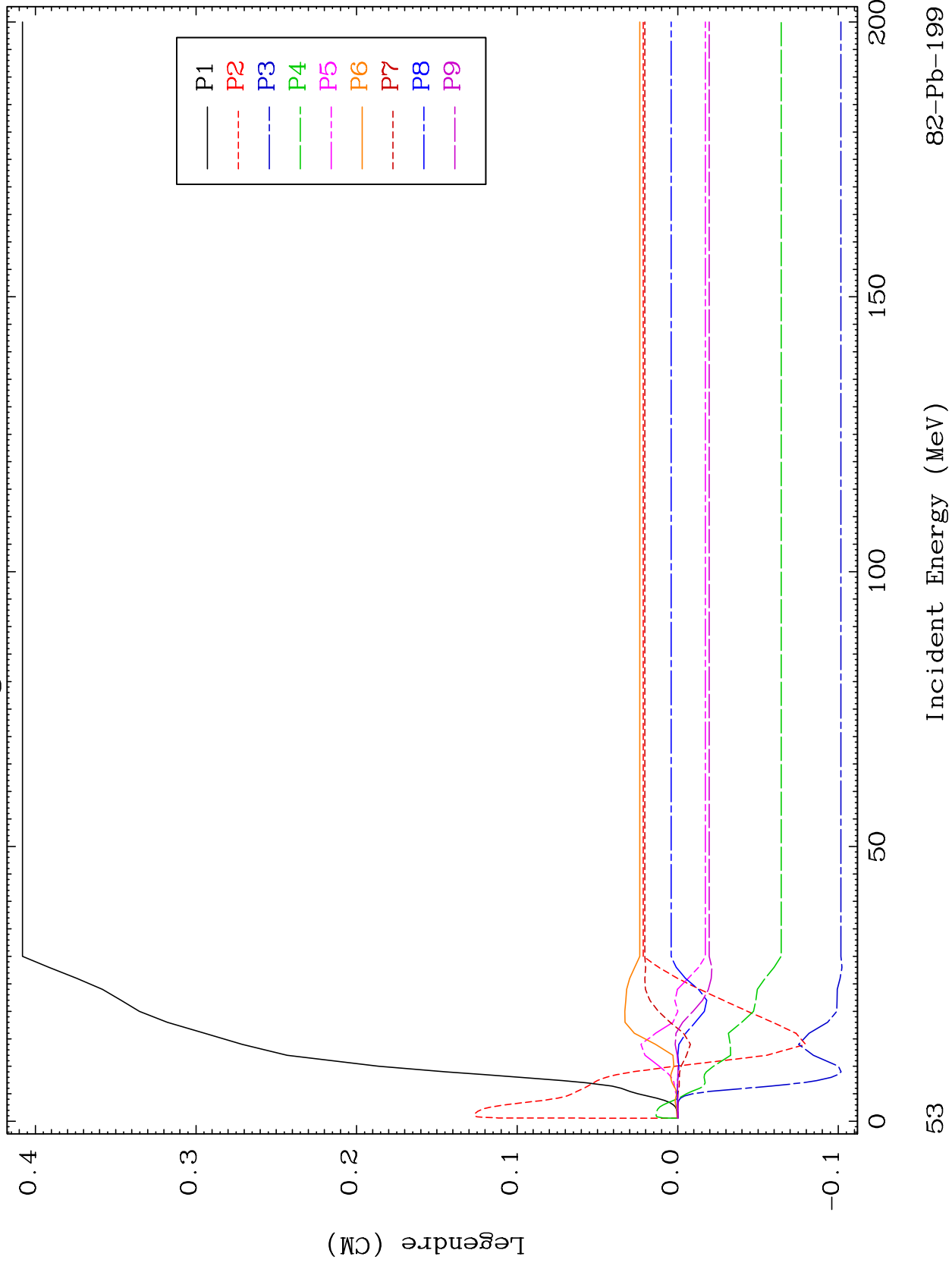
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199



82-Pb-199

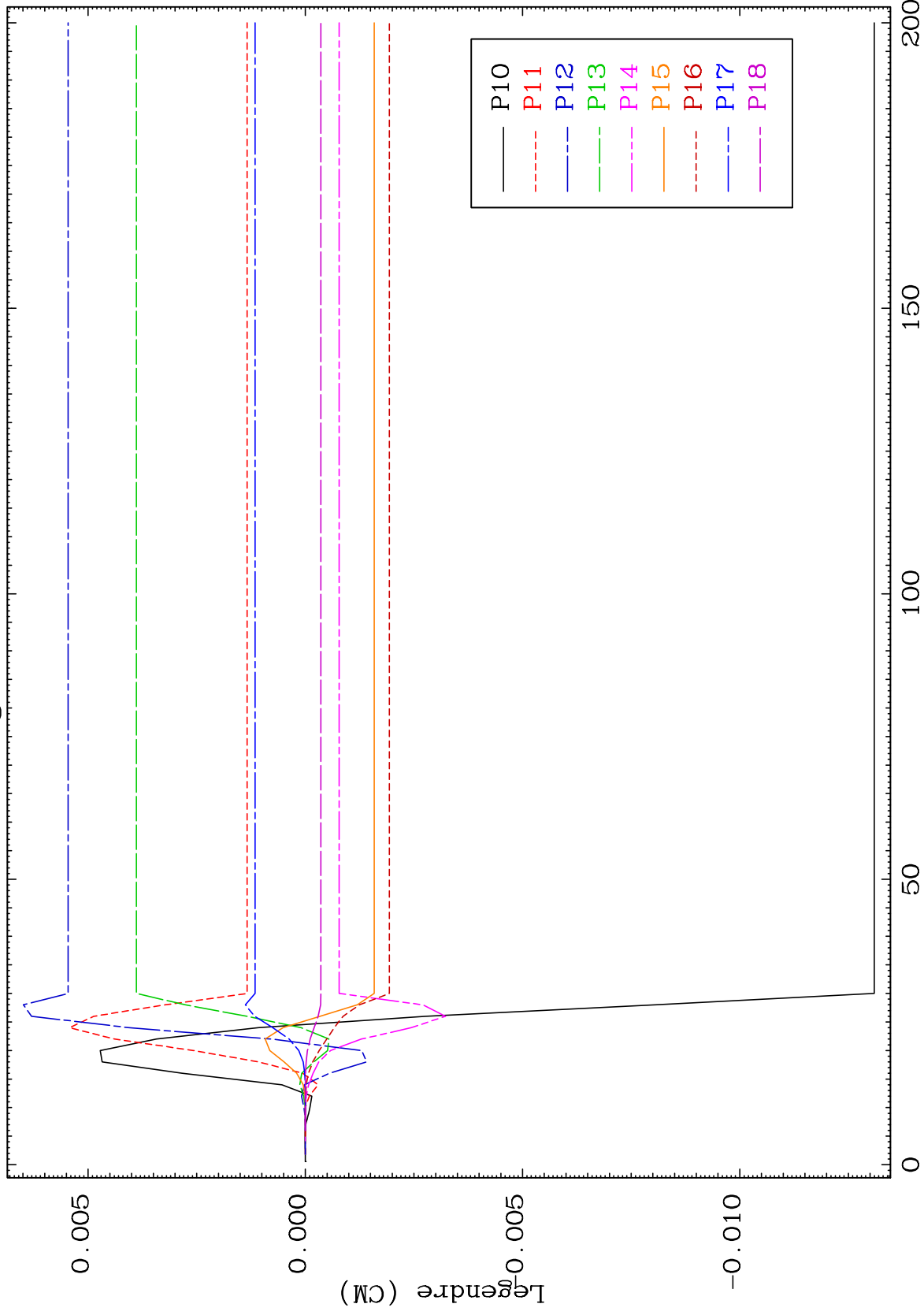
Incident Energy (MeV)

53

MAT 8210

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

82-Pb-199



54

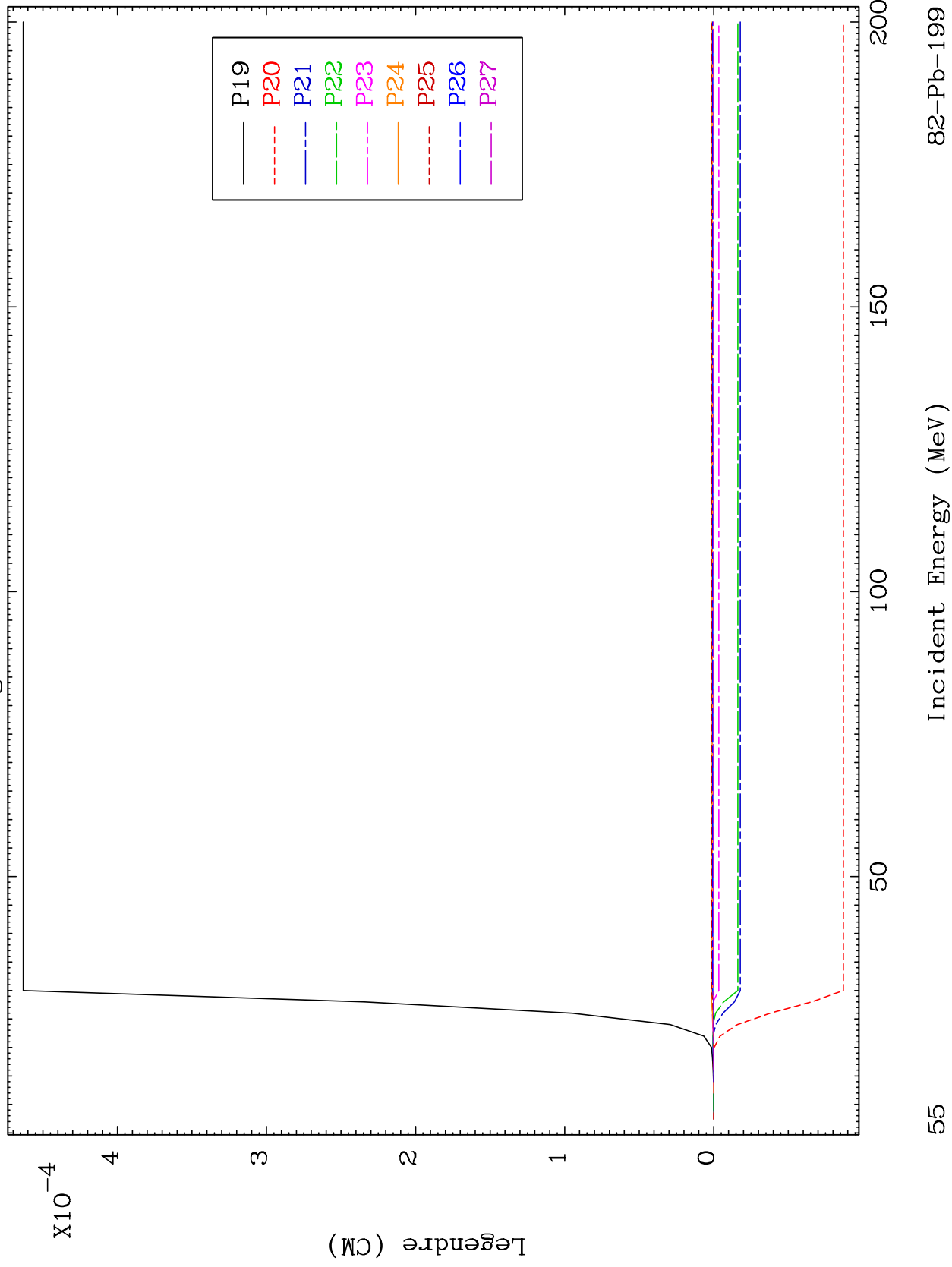
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199



55

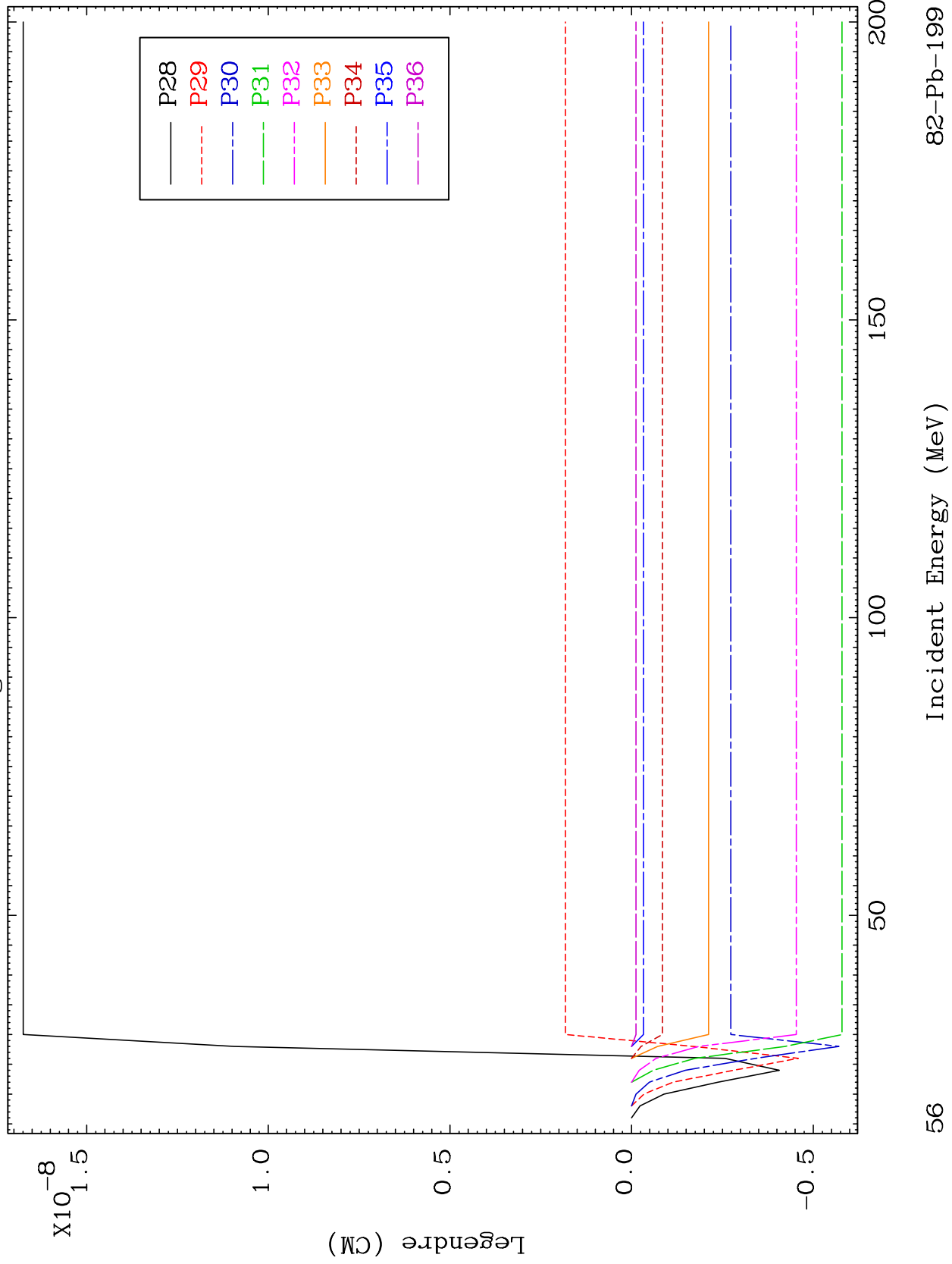
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

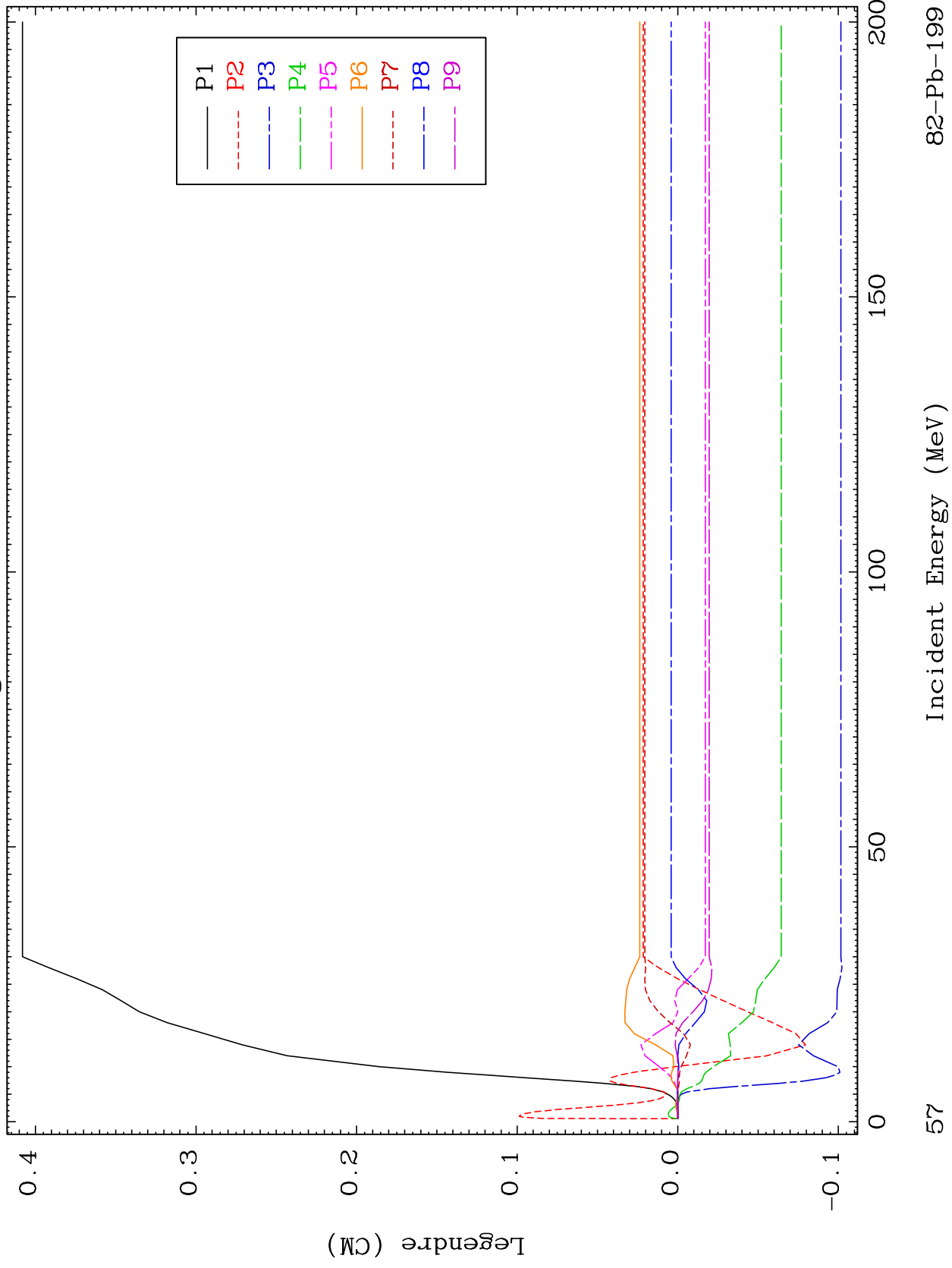
82-Pb-199



MAT 8210

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

82-Pb-199



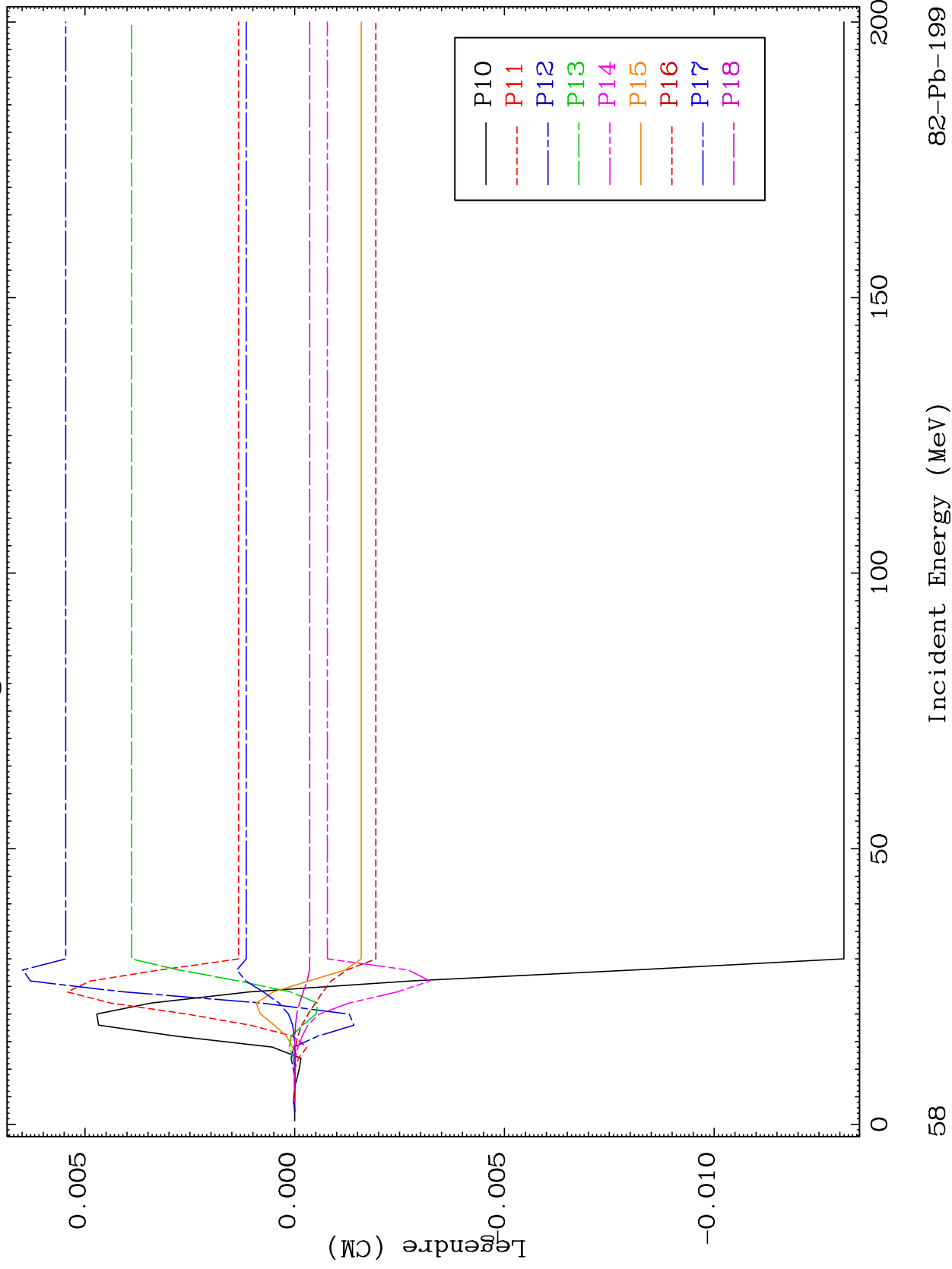
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82-Pb-199

MAT 8210

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

82-Pb-199



82-Pb-199

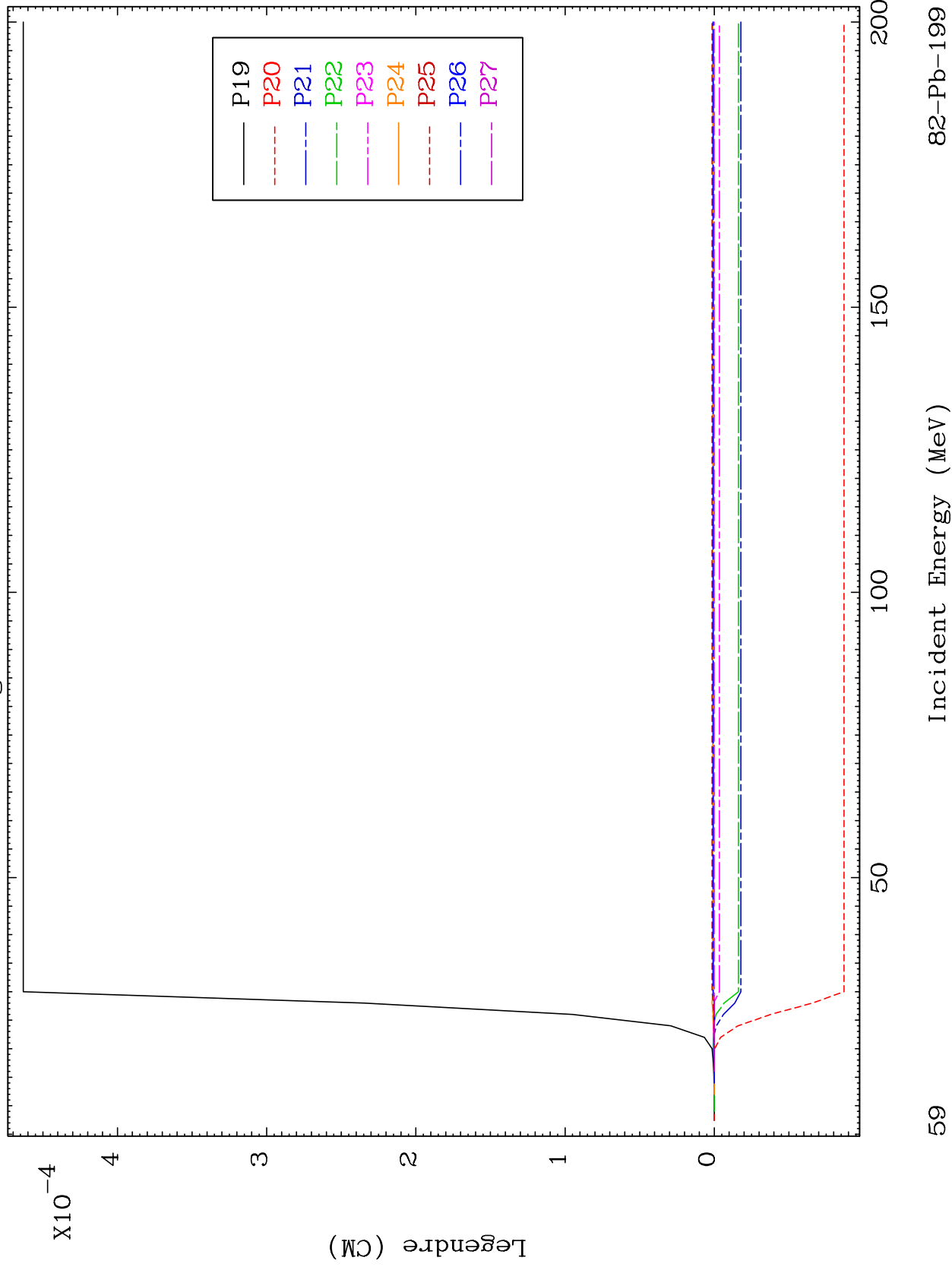
Incident Energy (MeV)

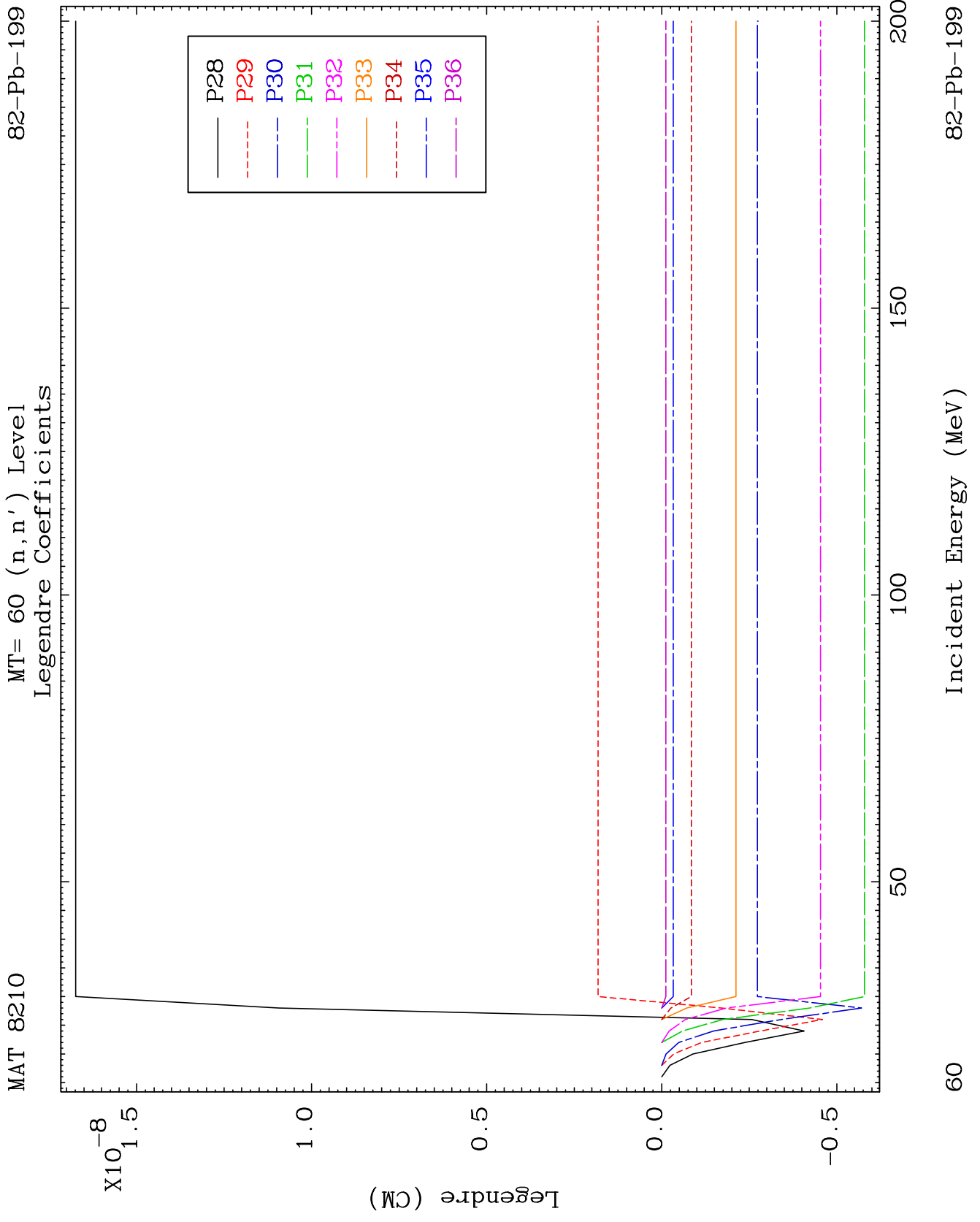
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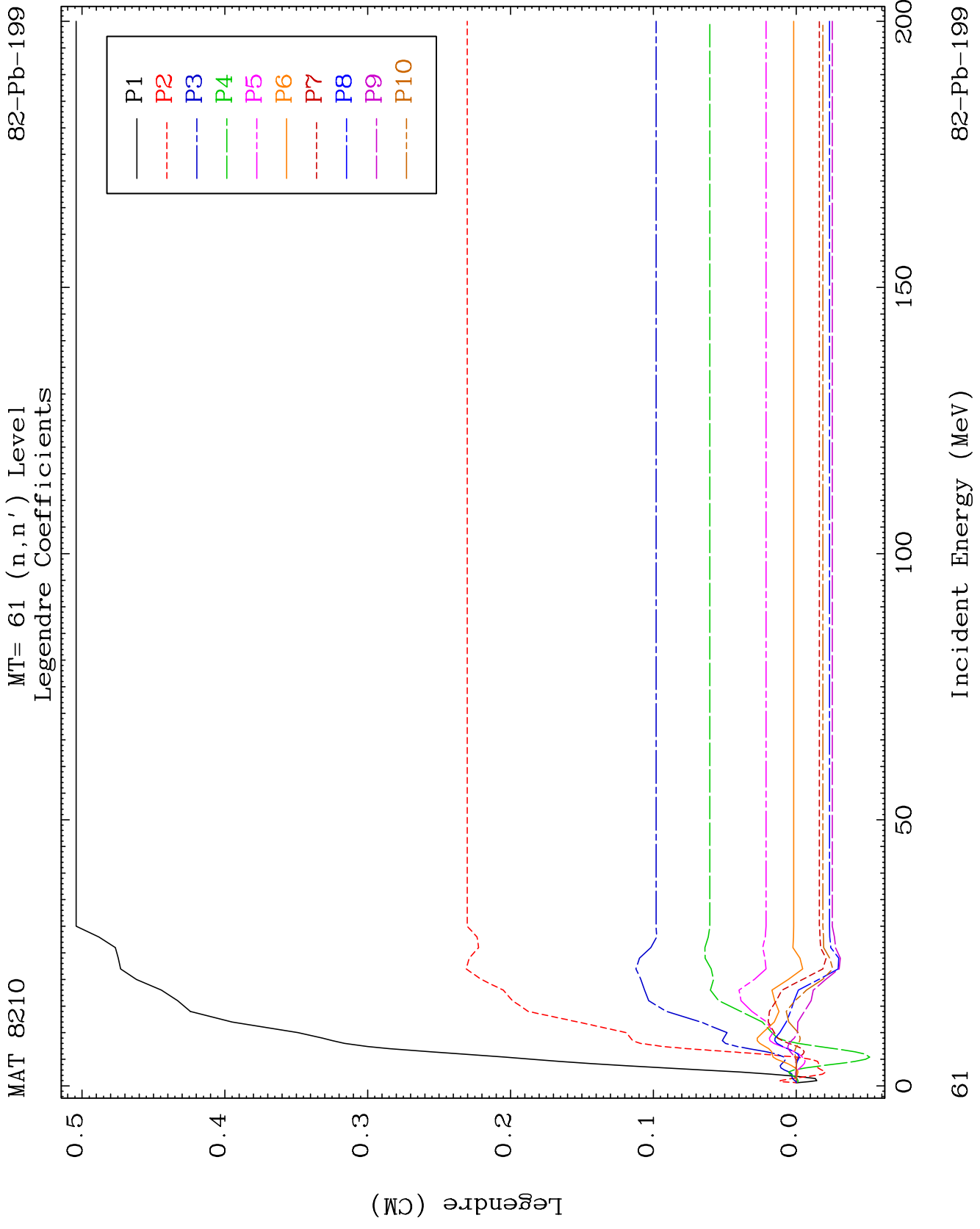
MAT 8210

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

82-Pb-199



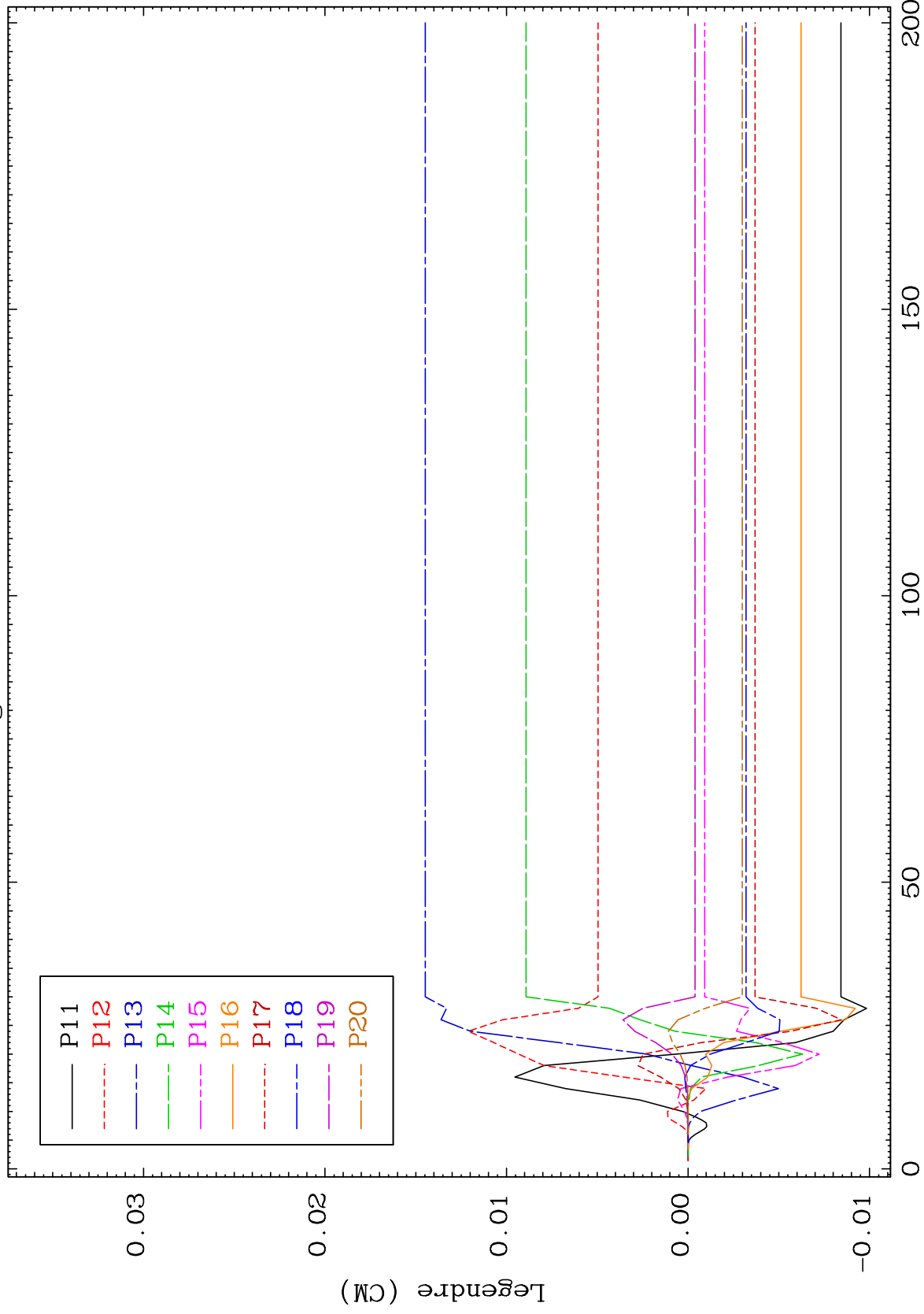




MAT 8210

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

82-Pb-199



62

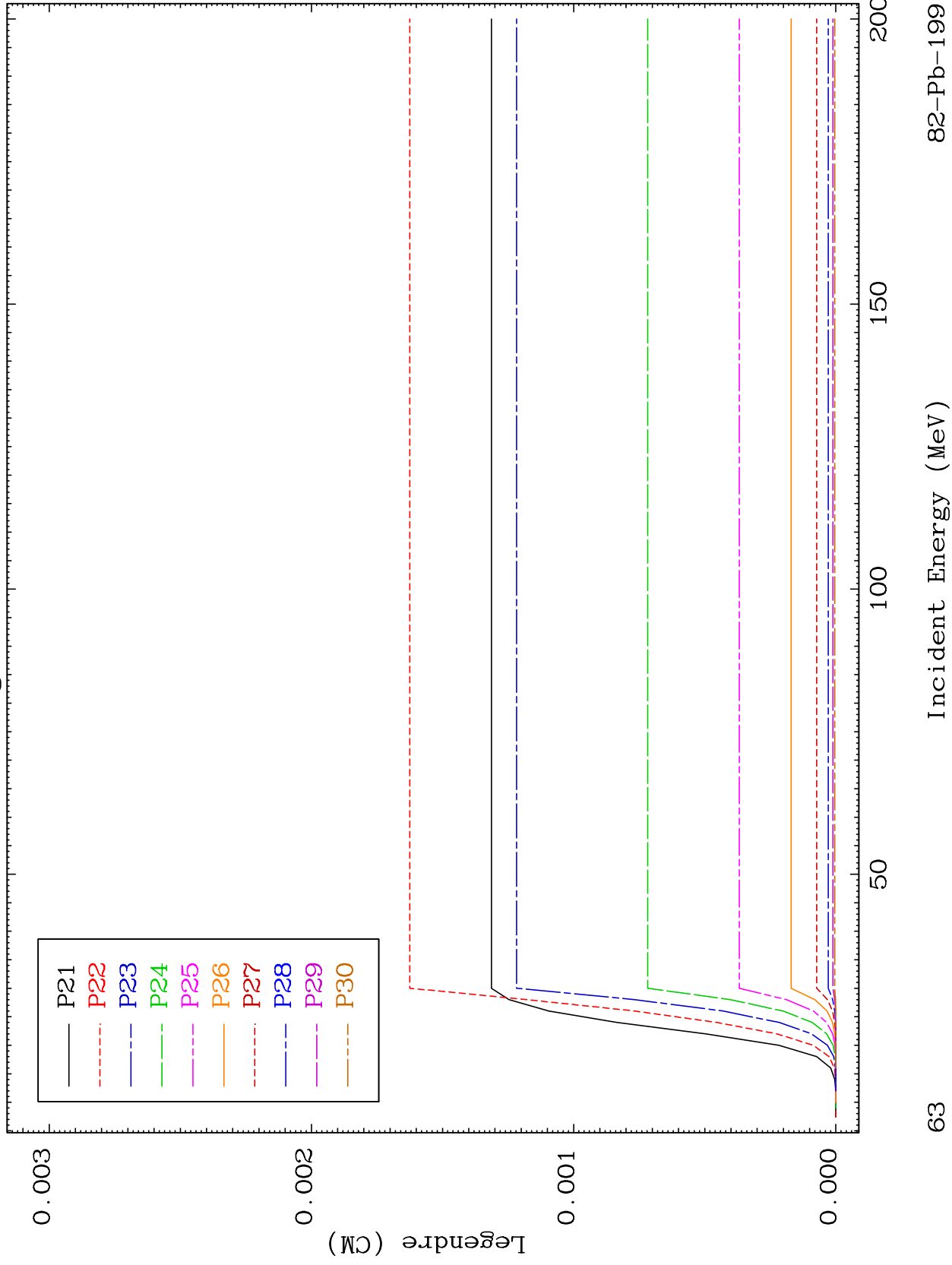
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199



63

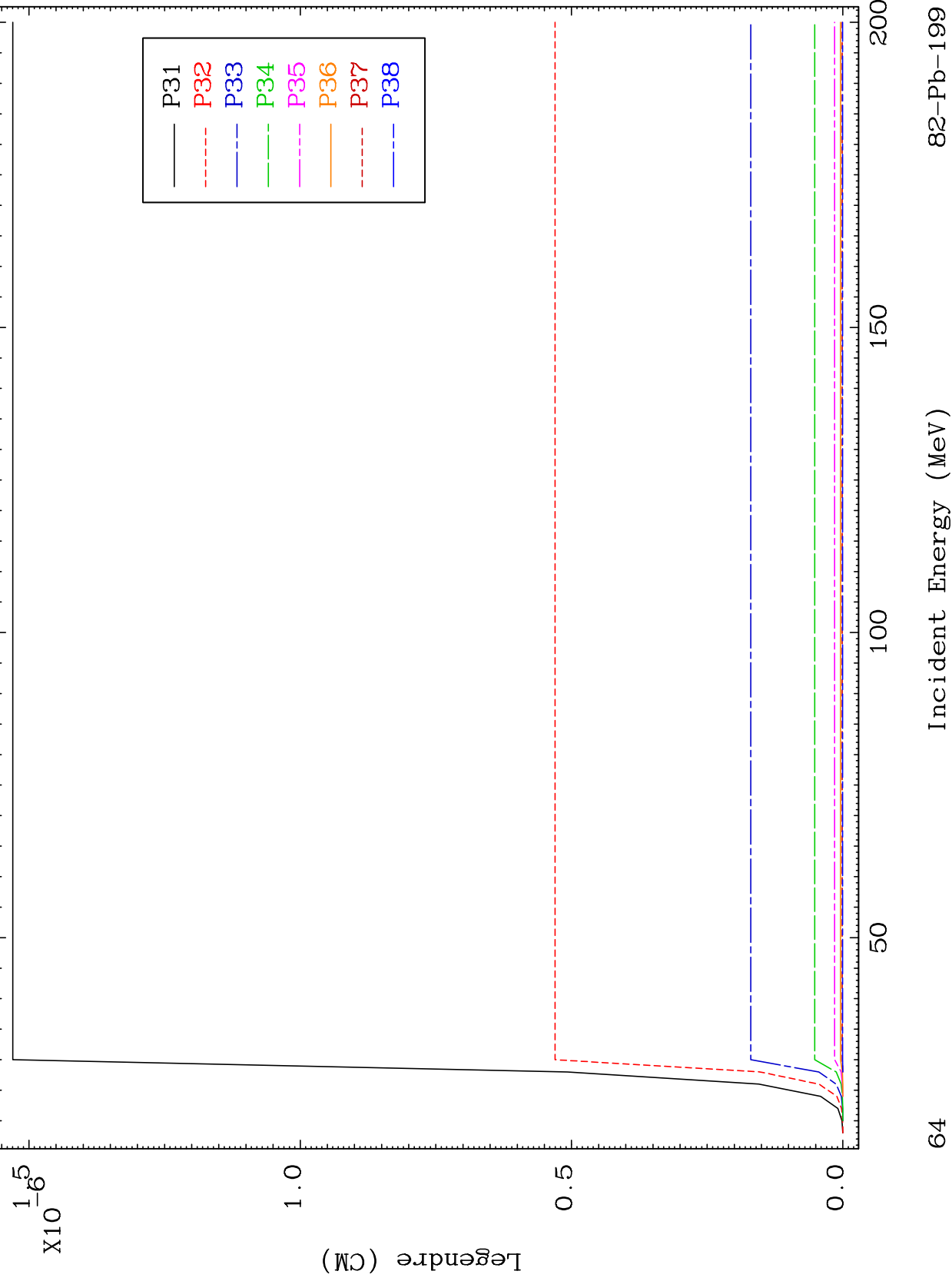
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

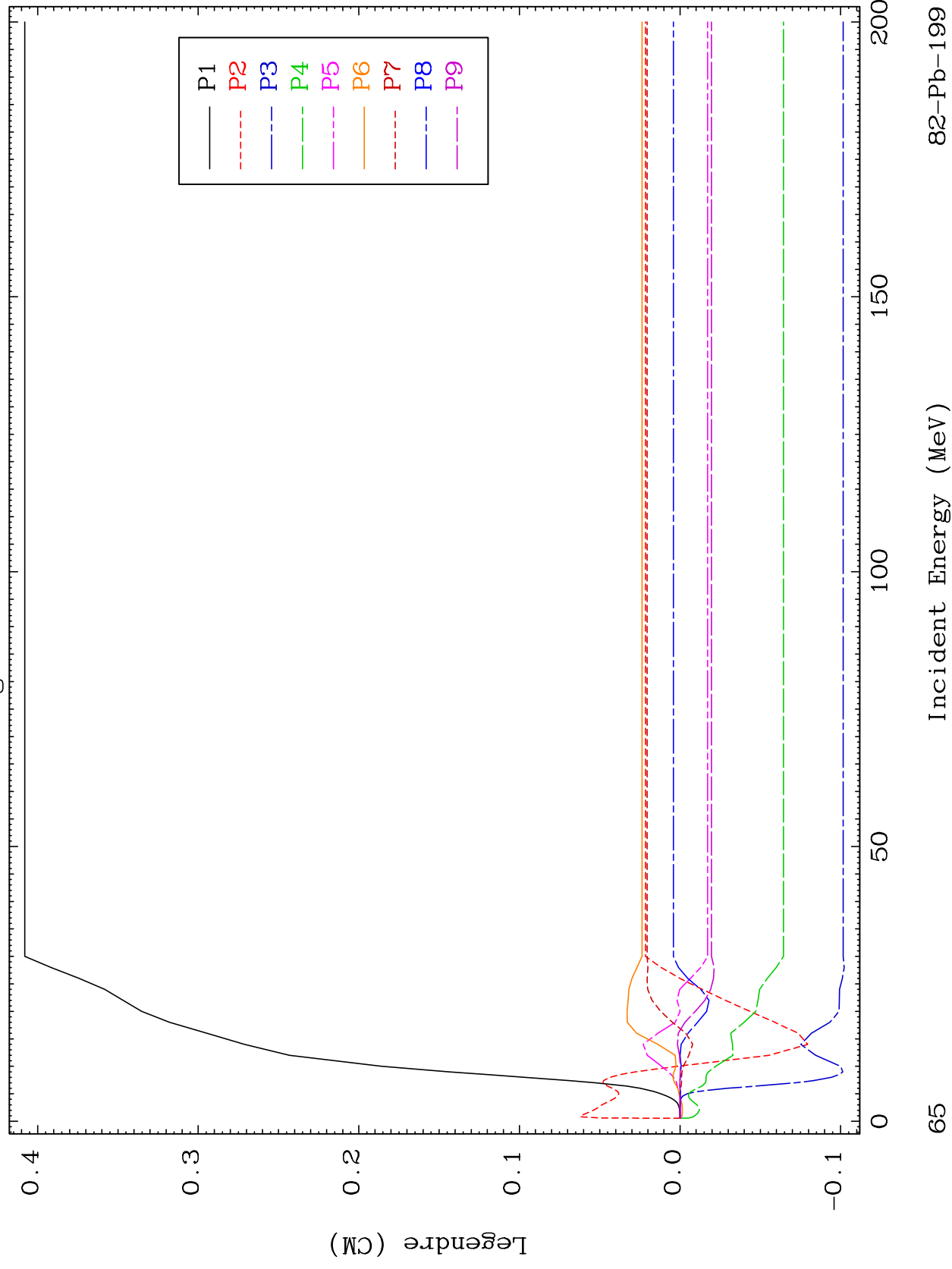
82-Pb-199



MAT 8210

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

82-Pb-199



82-Pb-199

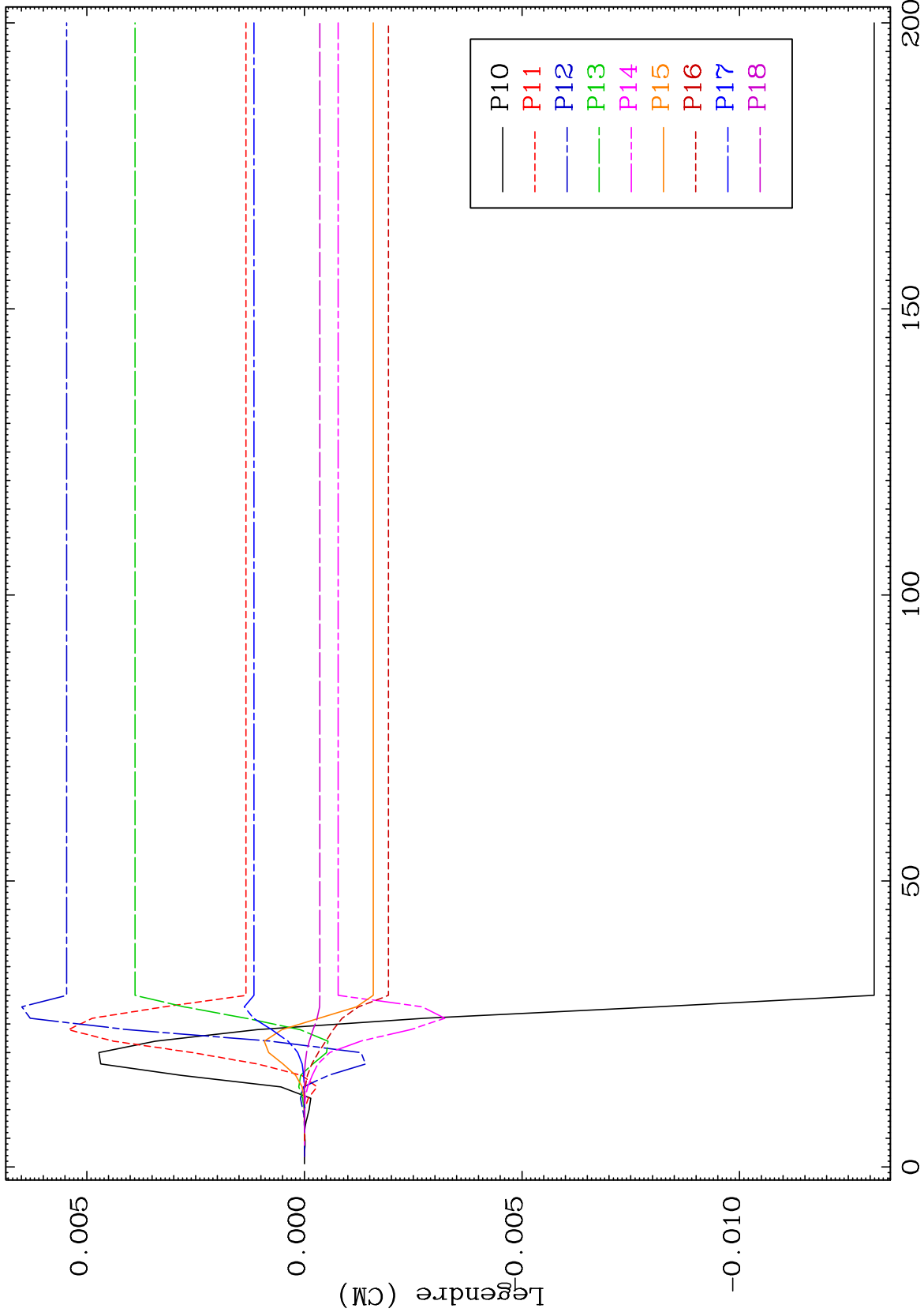
Incident Energy (MeV)

65

MAT 8210

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

82-Pb-199



66

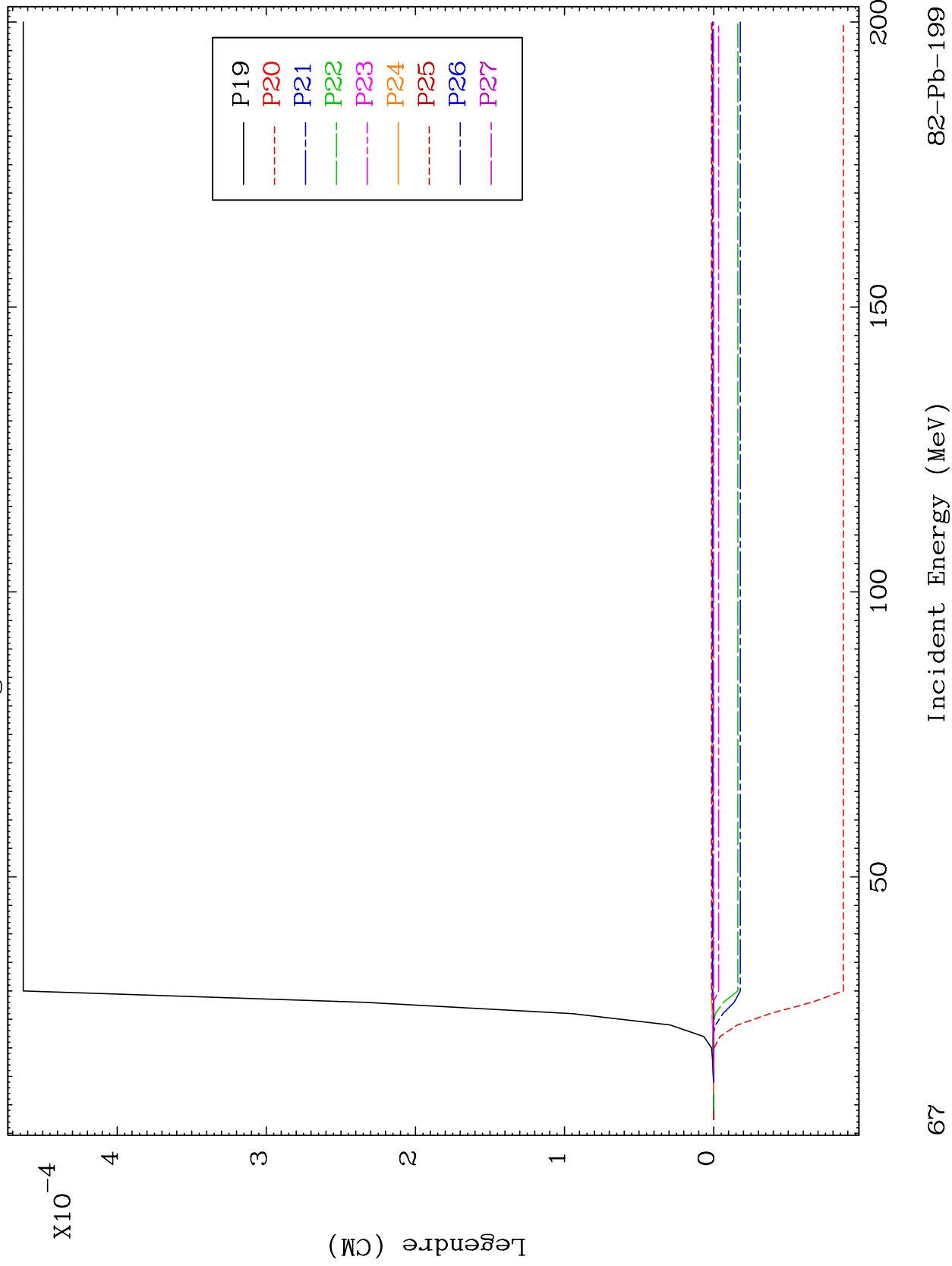
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

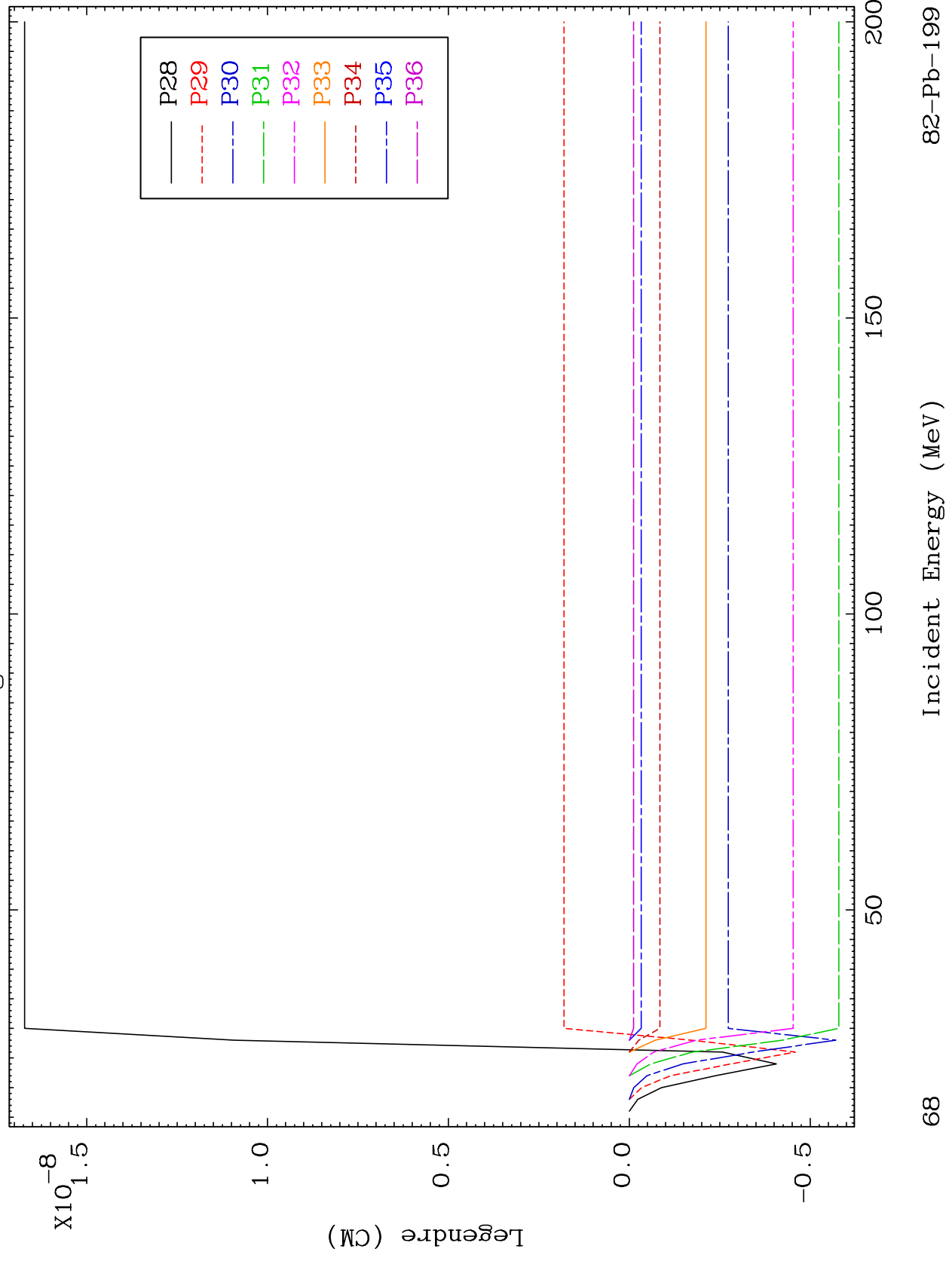
82-Pb-199



MAT 8210

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

82-Pb-199



68

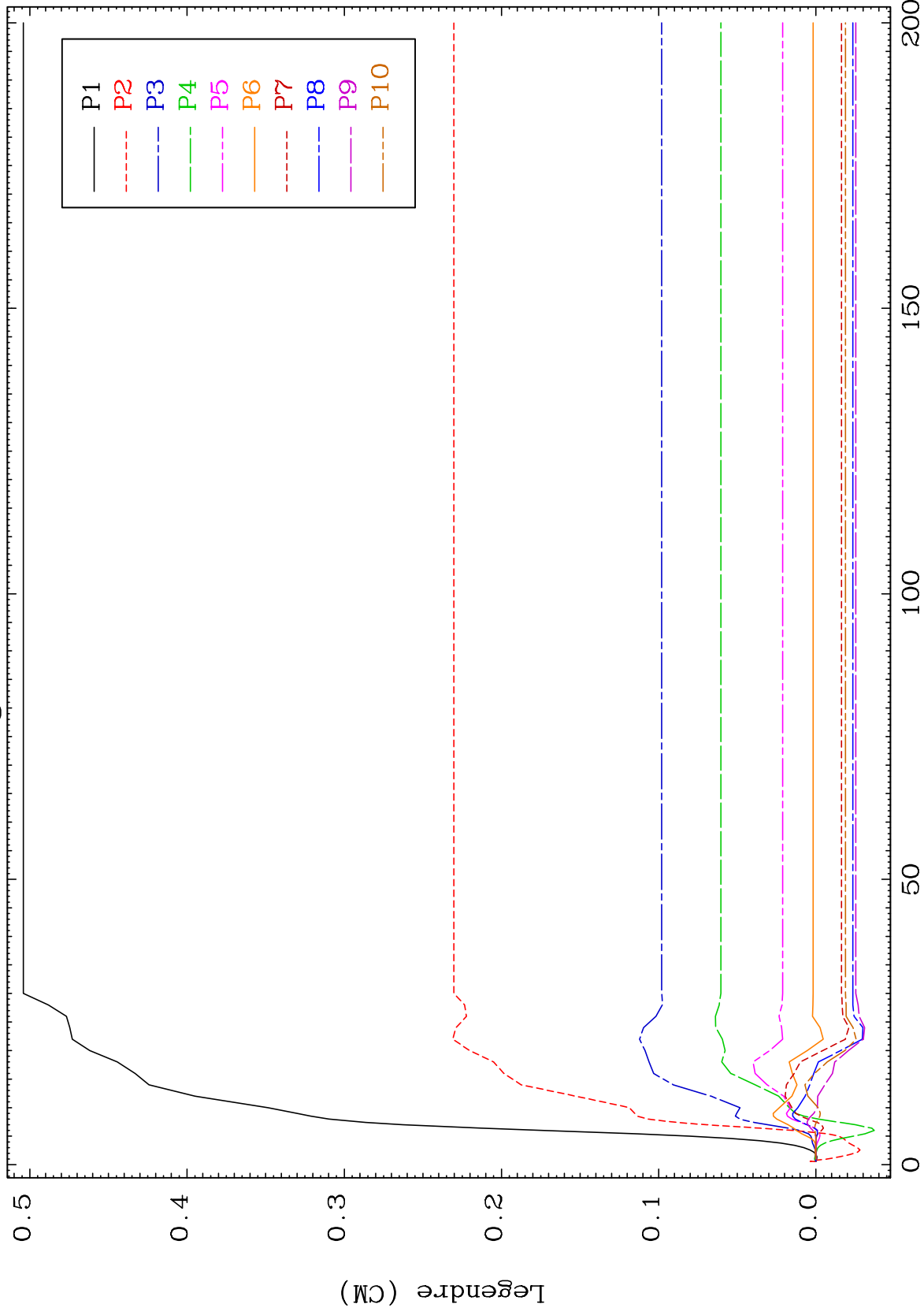
82-Pb-199

MAT 8210

MT= 63 (n,n') Level

82-Pb-199

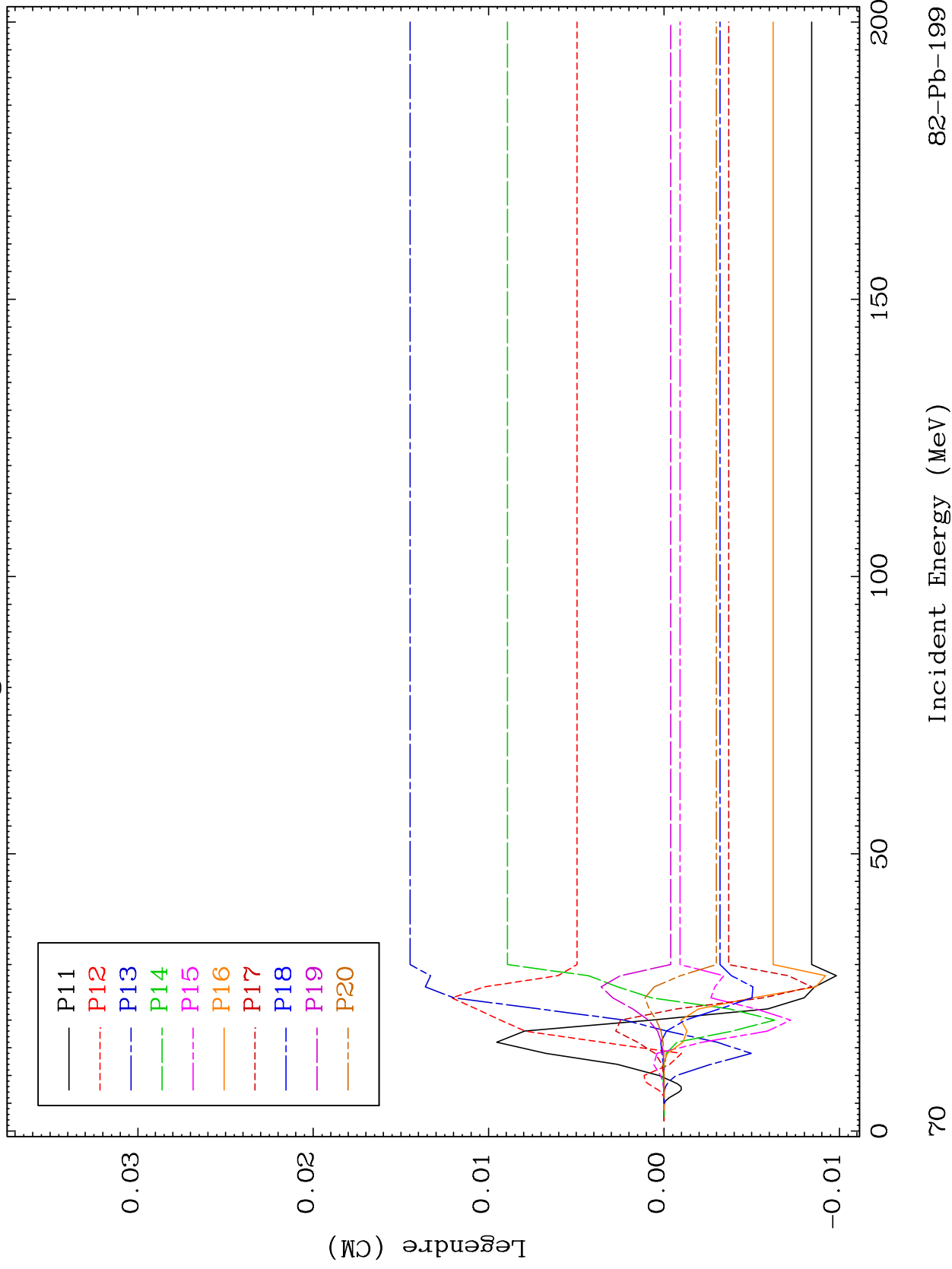
Legendre Coefficients



MAT 8210

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

82-Pb-199



82-Pb-199

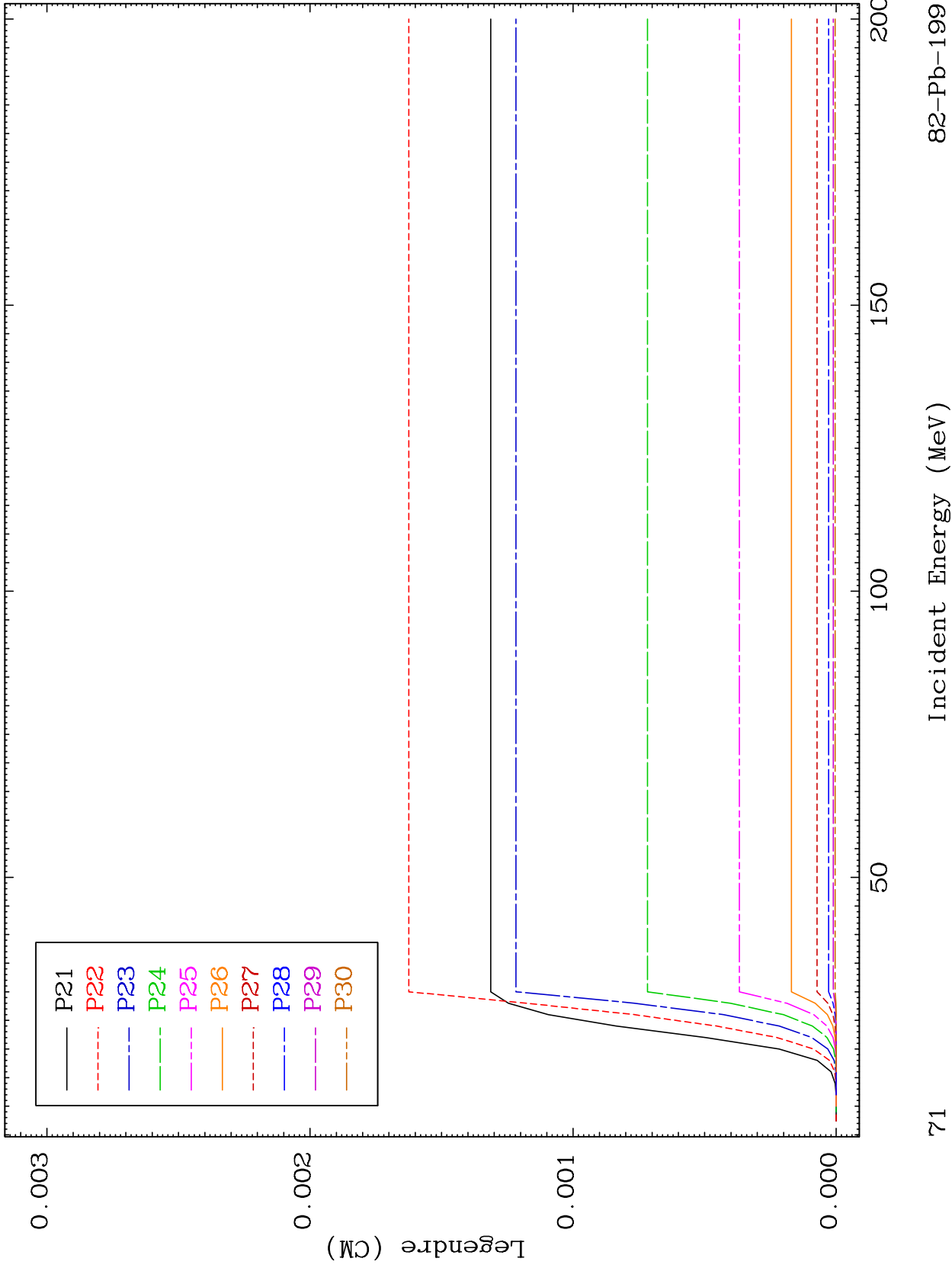
Incident Energy (MeV)

70

MAT 8210

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

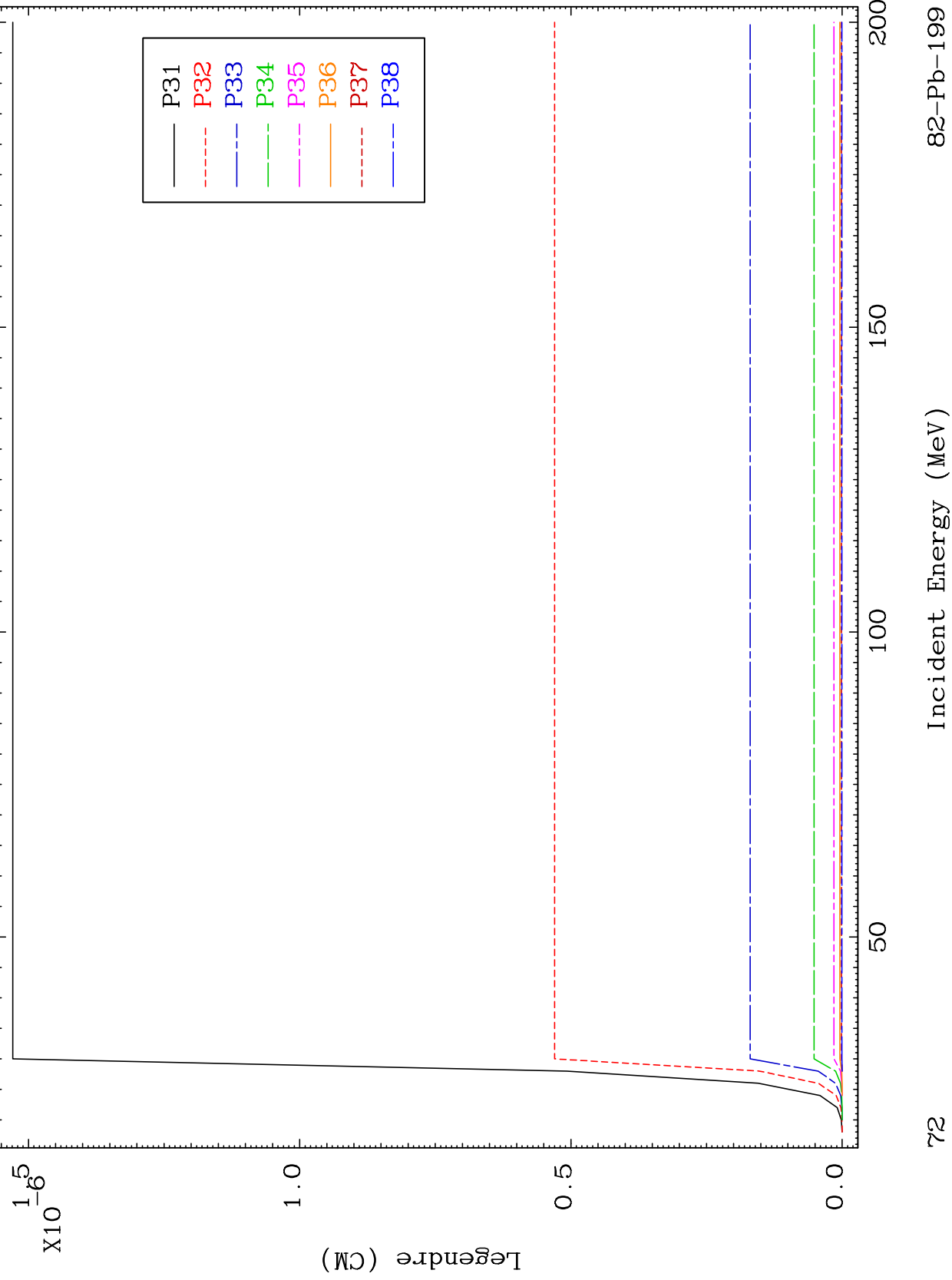
82-Pb-199



MAT 8210

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

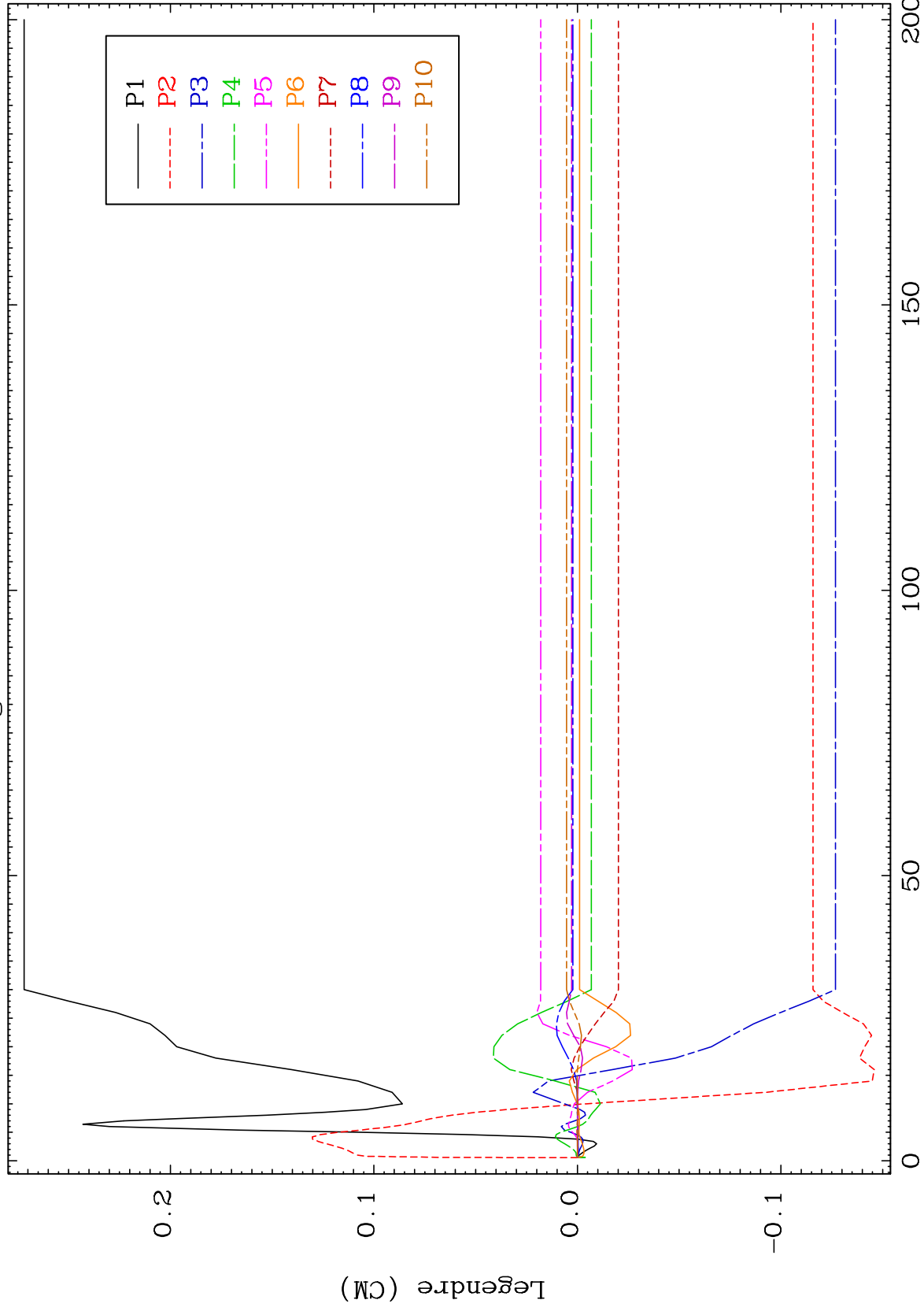
82-Pb-199



MAT 8210

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

82-Pb-199



73

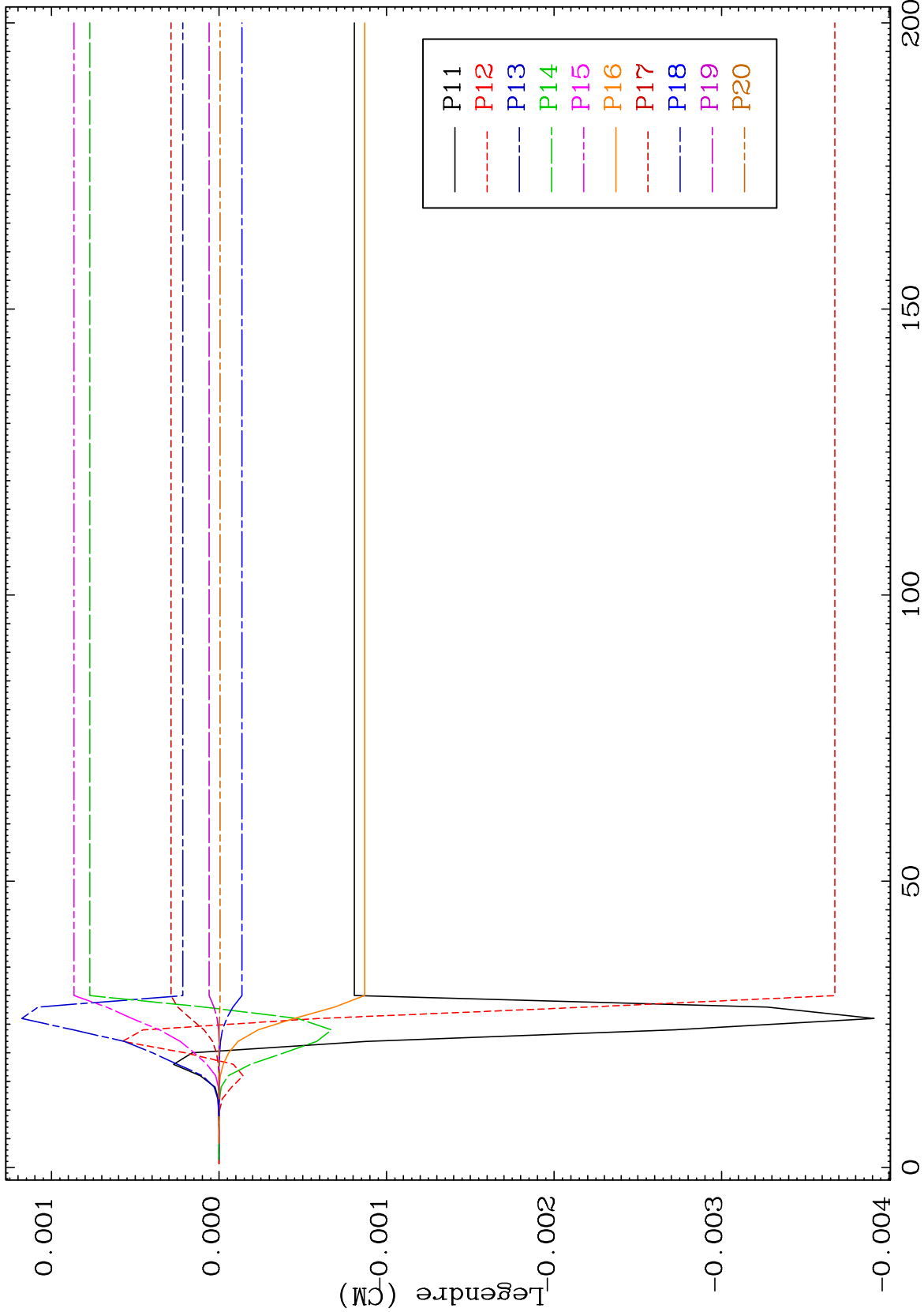
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

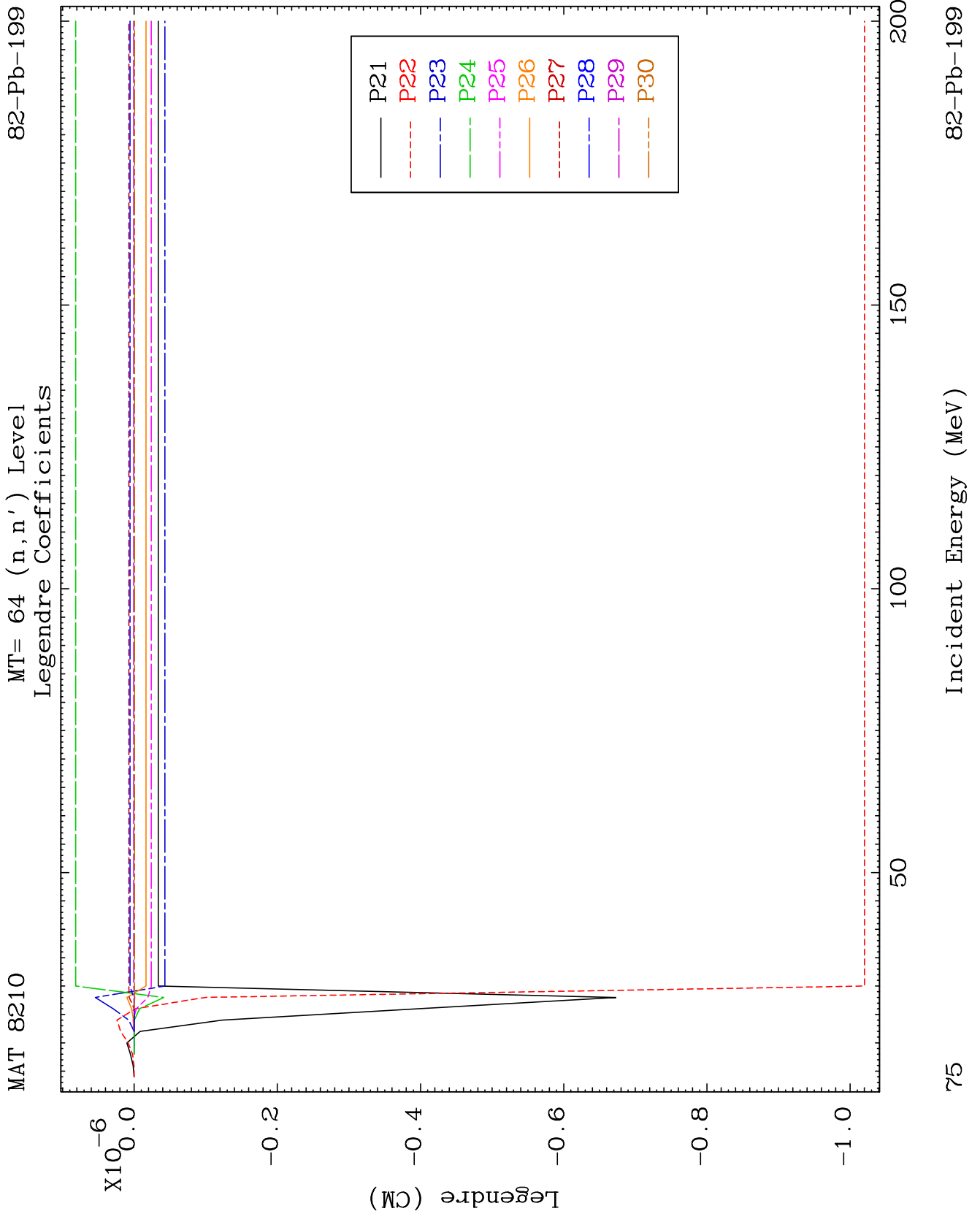
82-Pb-199

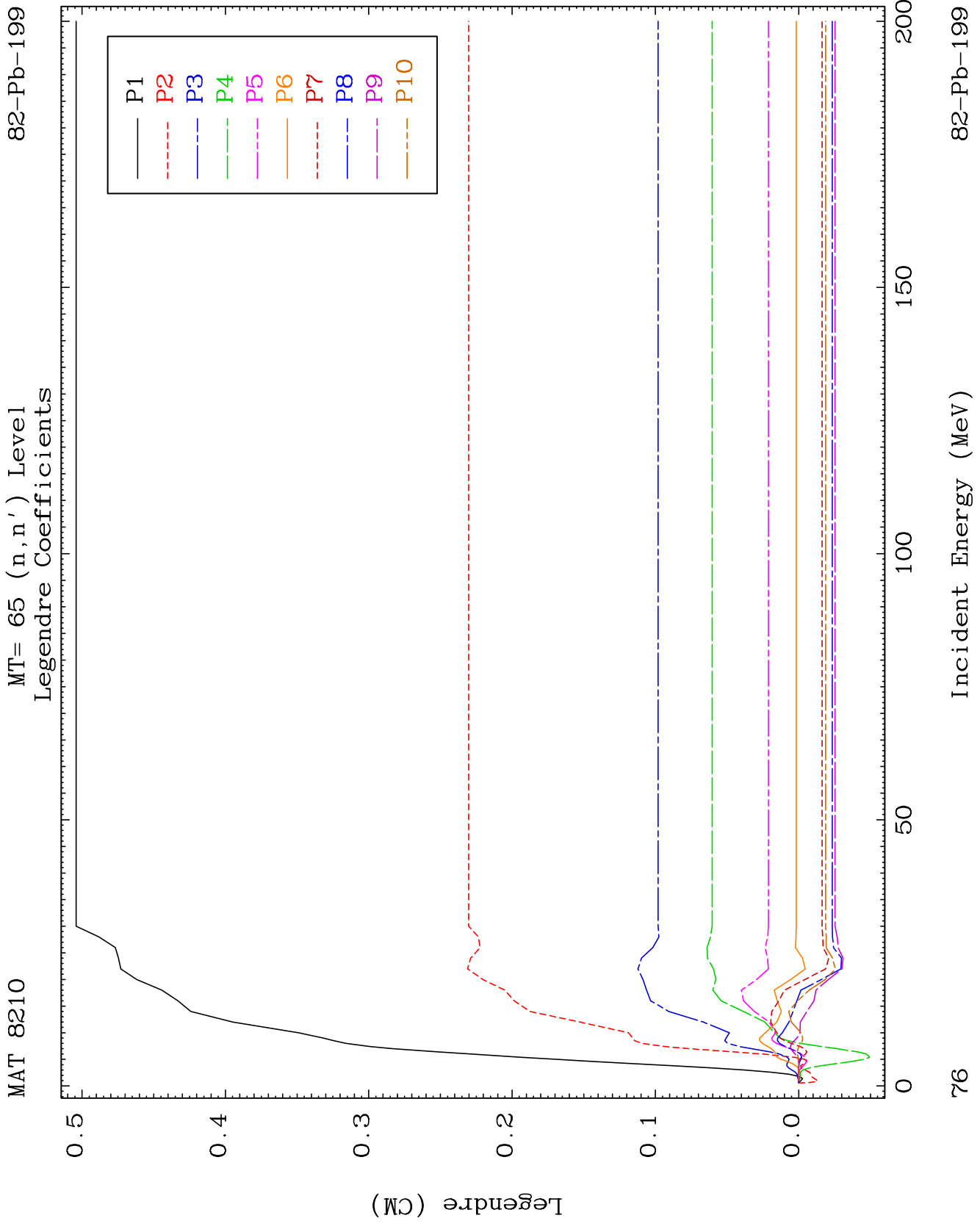


74

Incident Energy (MeV)

82-Pb-199

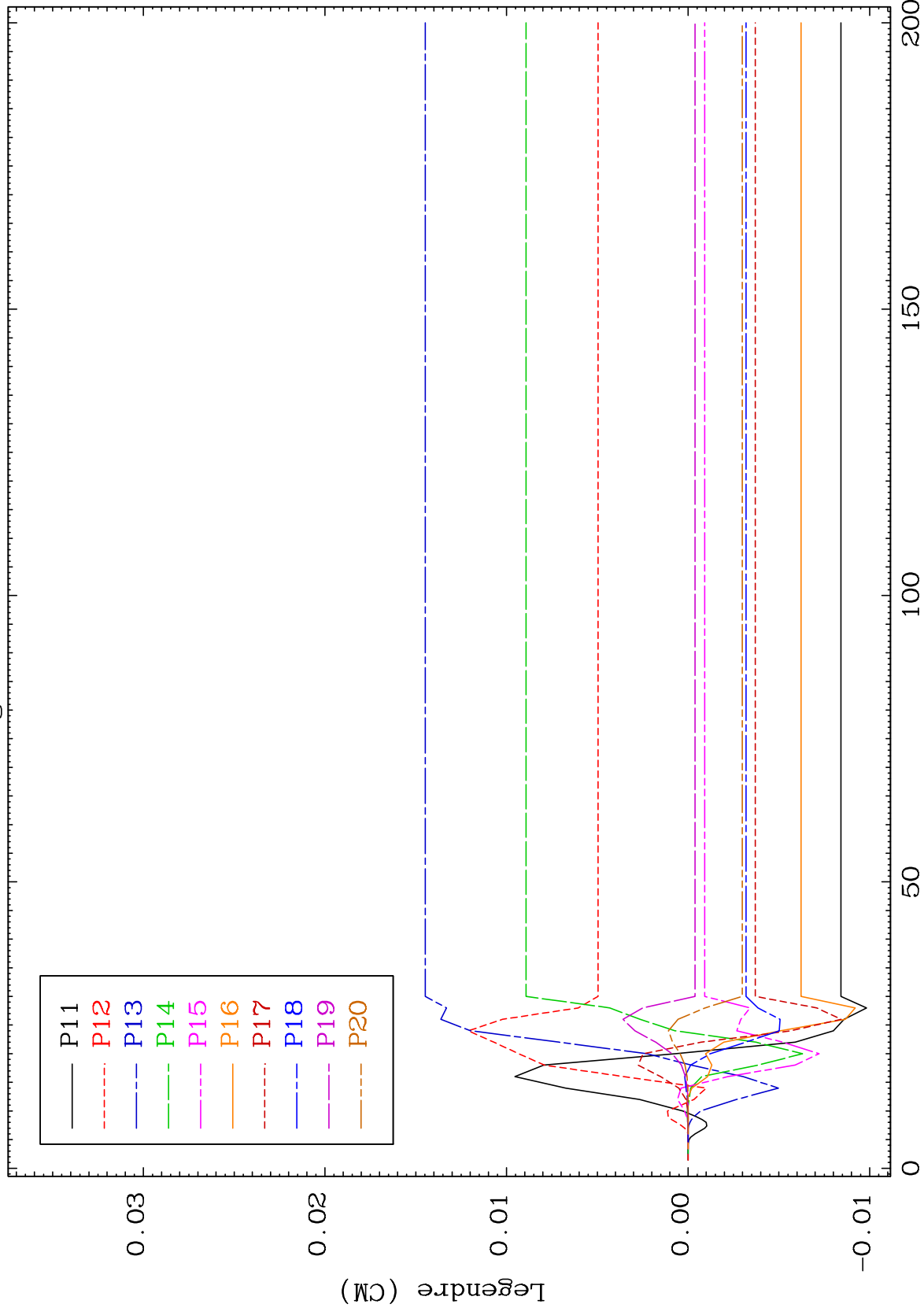




MAT 8210

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

82-Pb-199



77

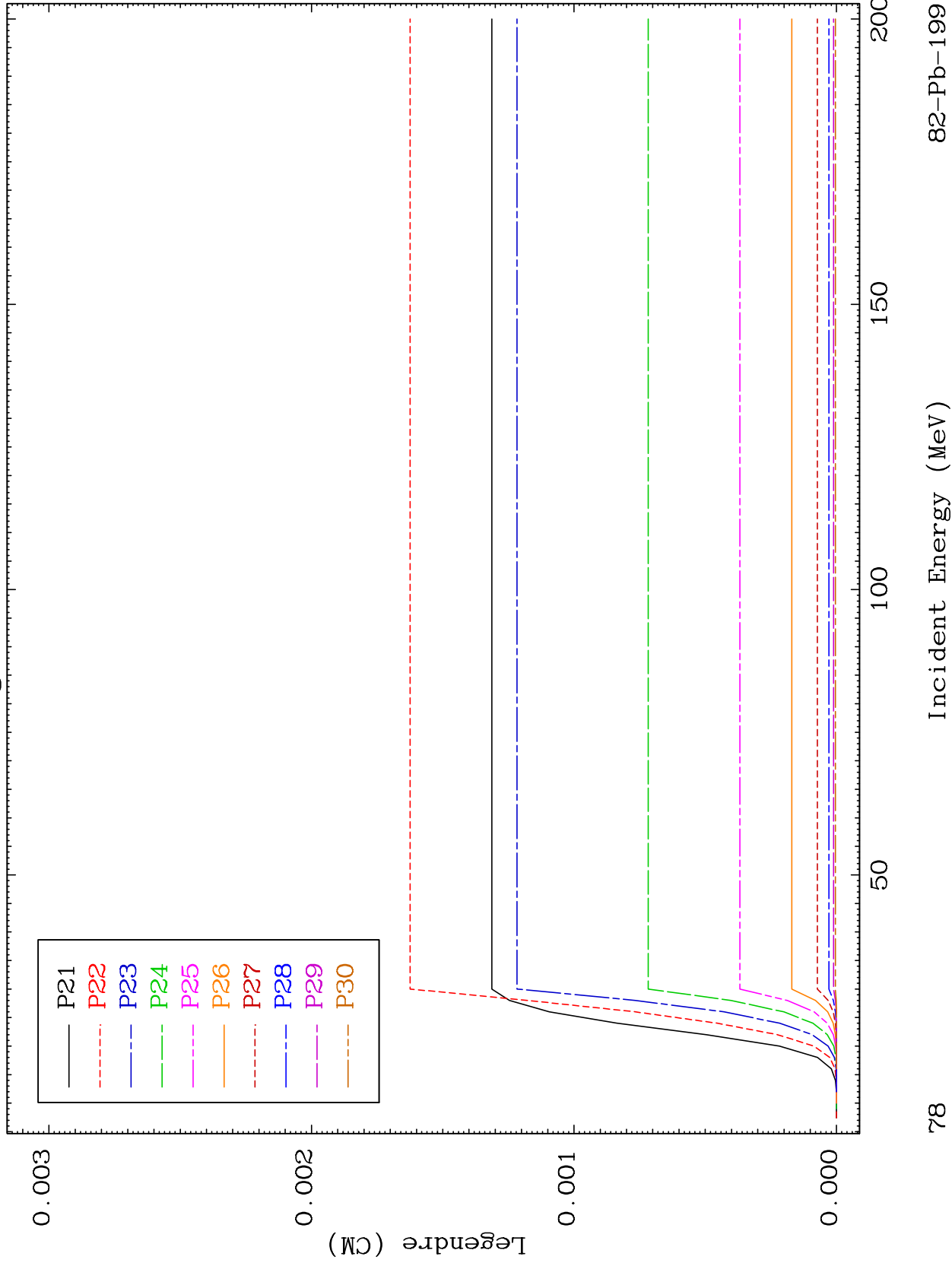
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199



78

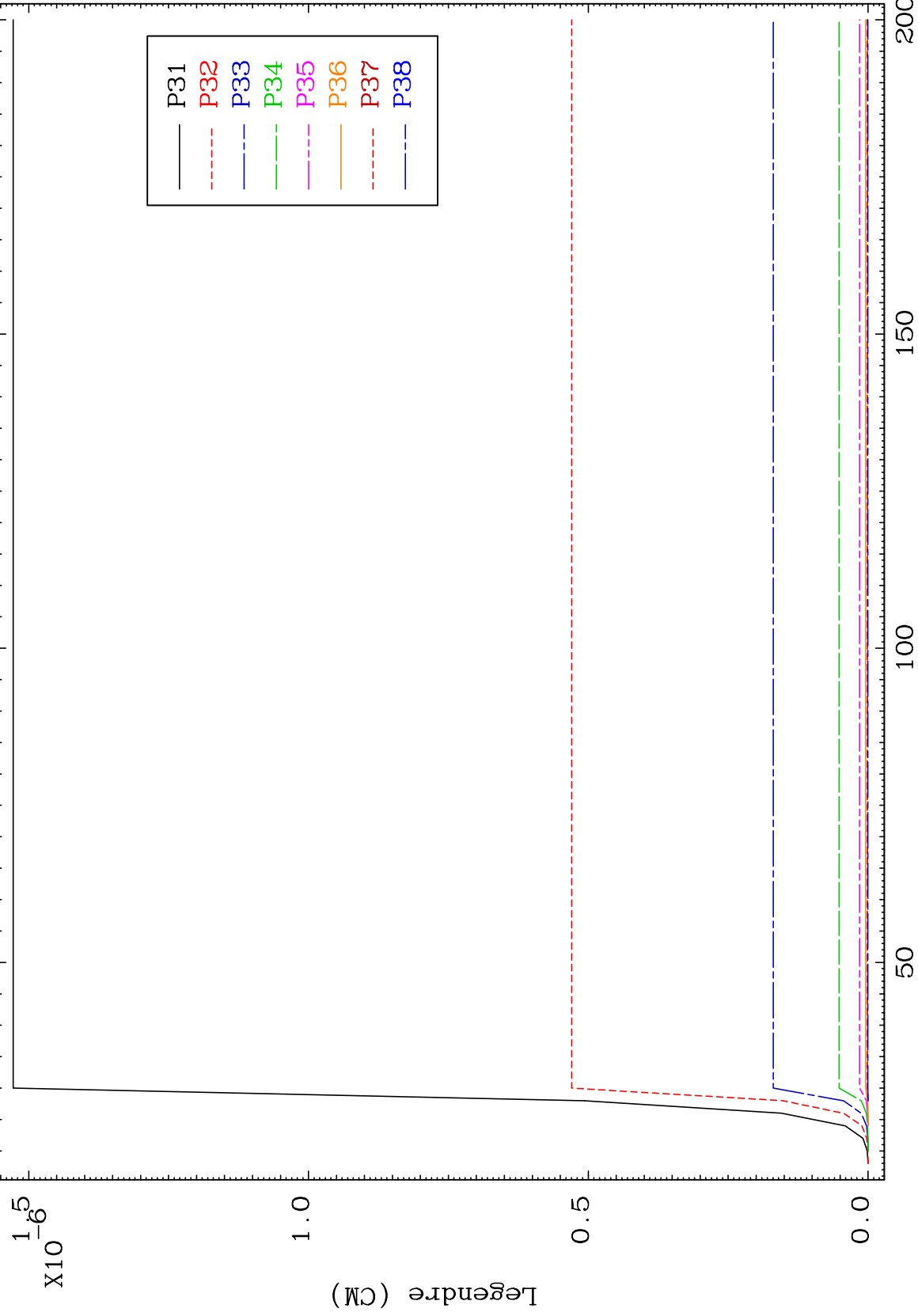
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199



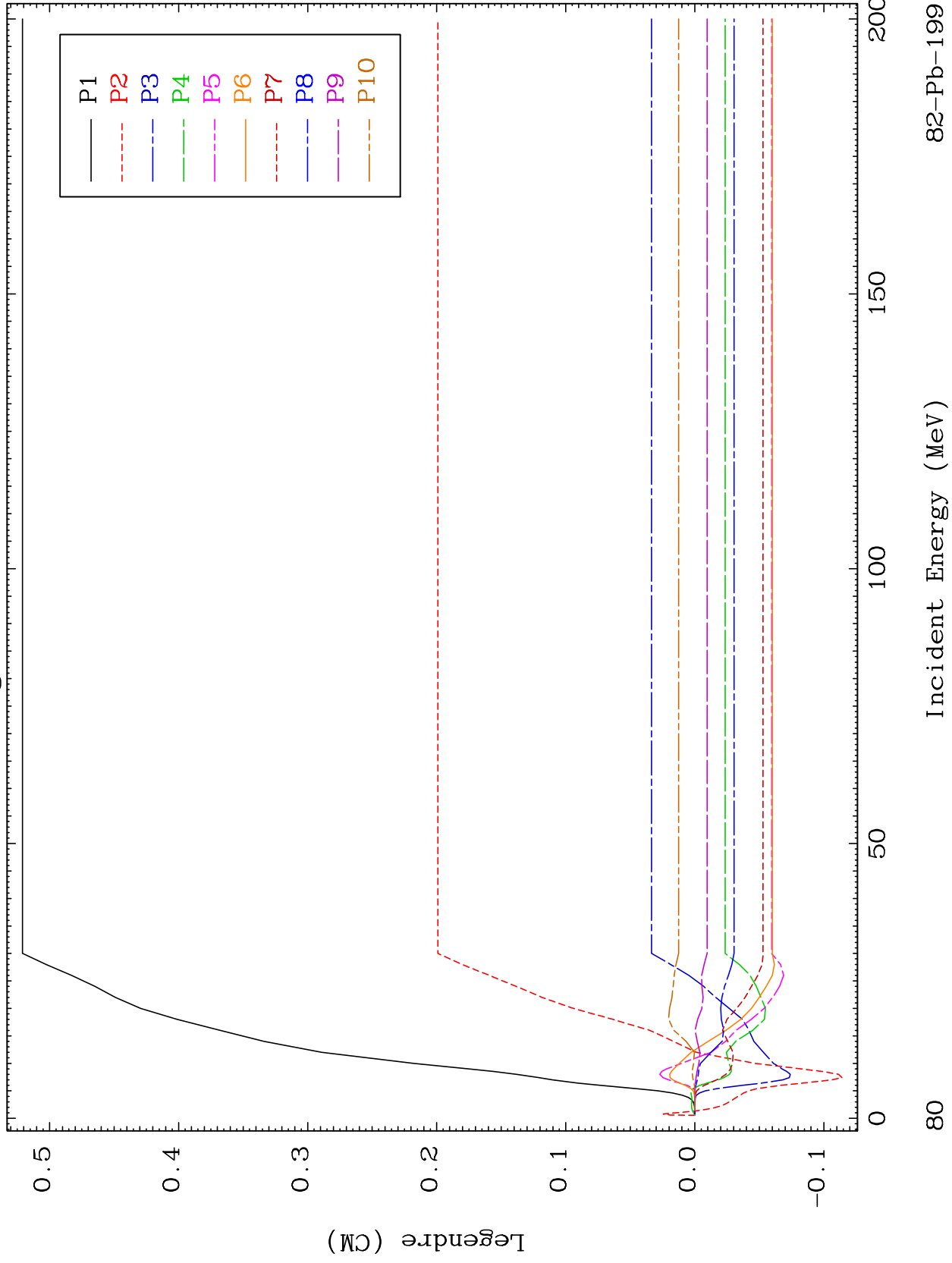
79

82-Pb-199

MAT 8210

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

82-Pb-199

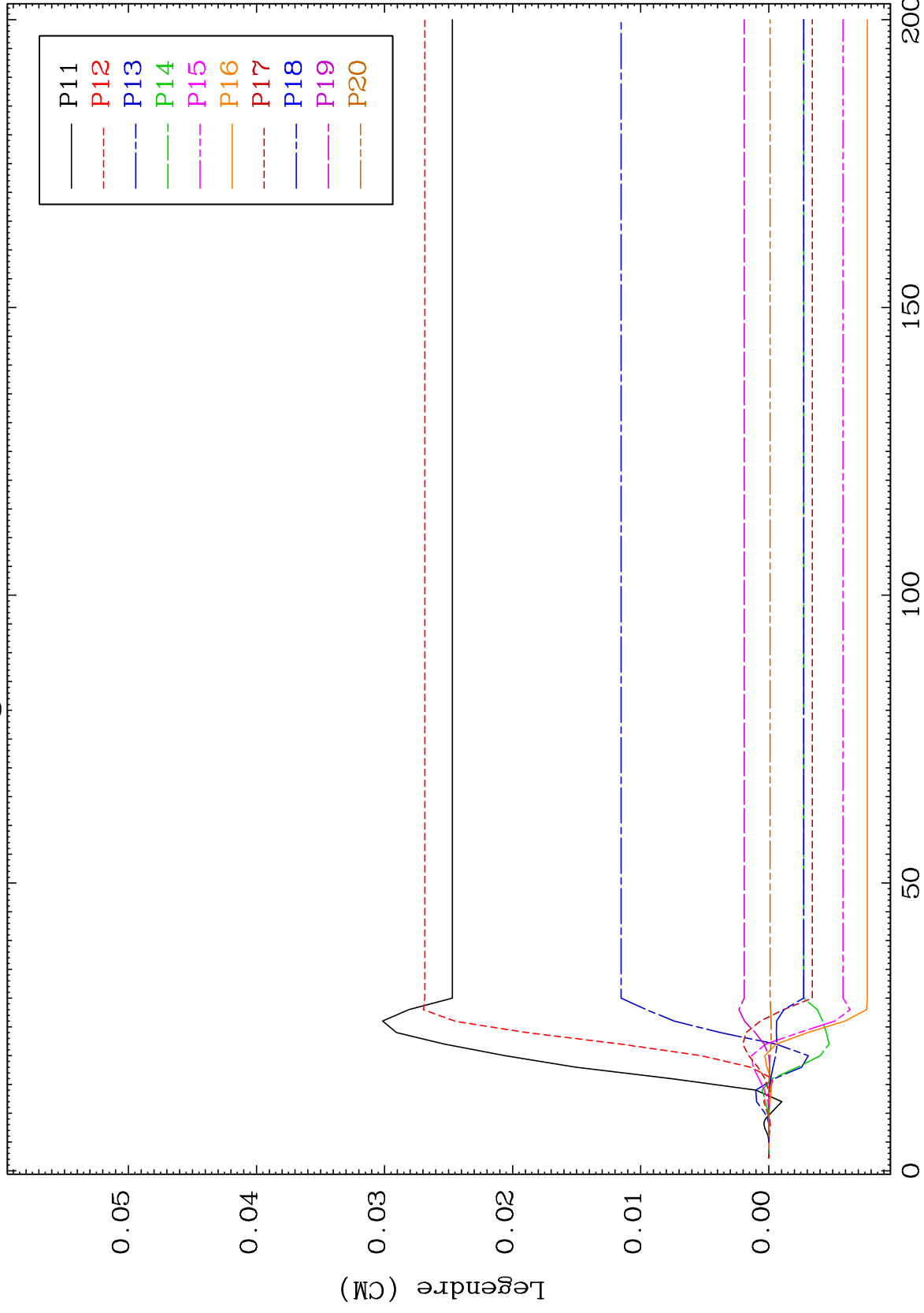


82-Pb-199

MAT 8210

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

82-Pb-199



81

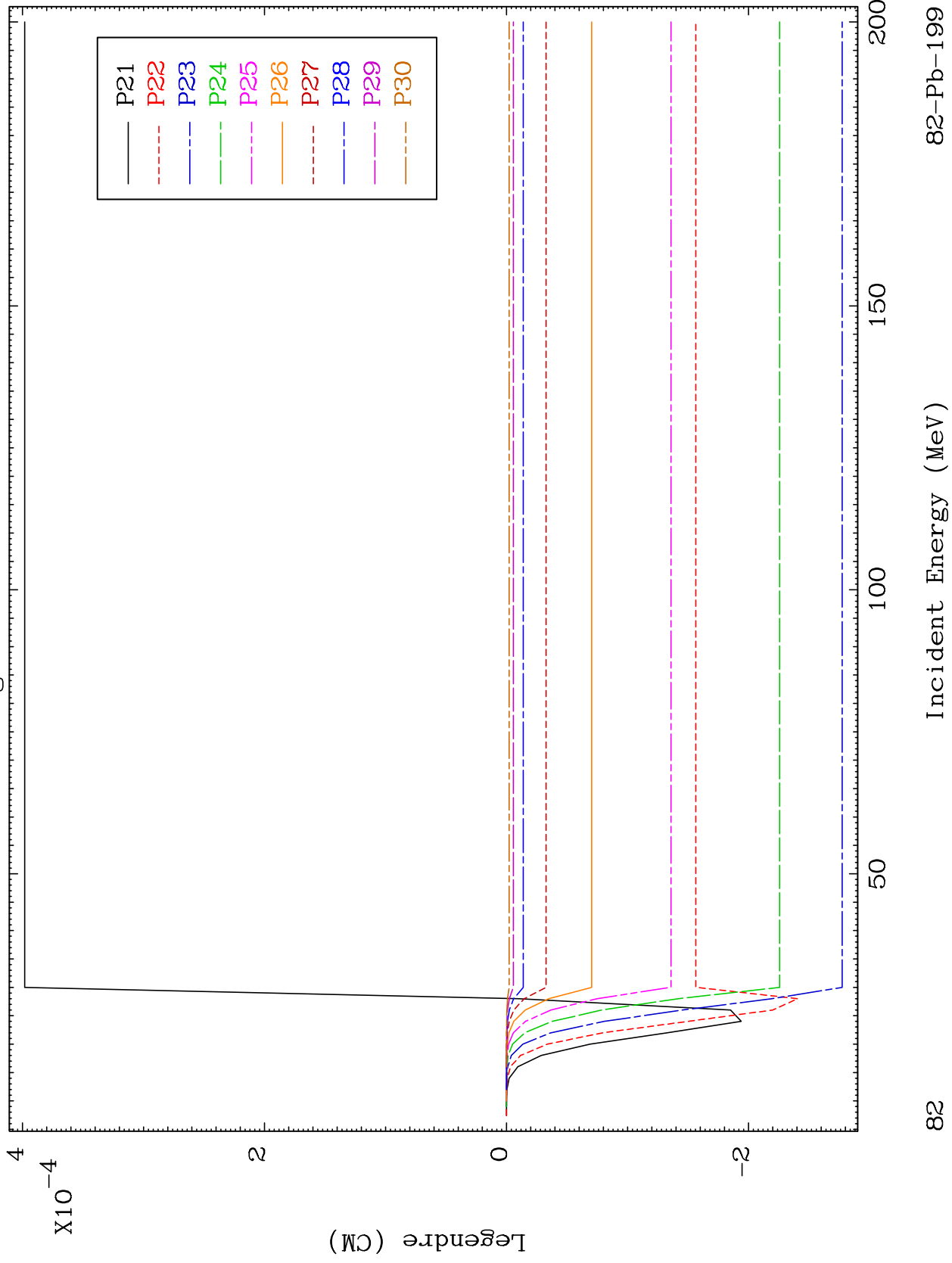
Incident Energy (MeV)

82-Pb-199

MAT 8210

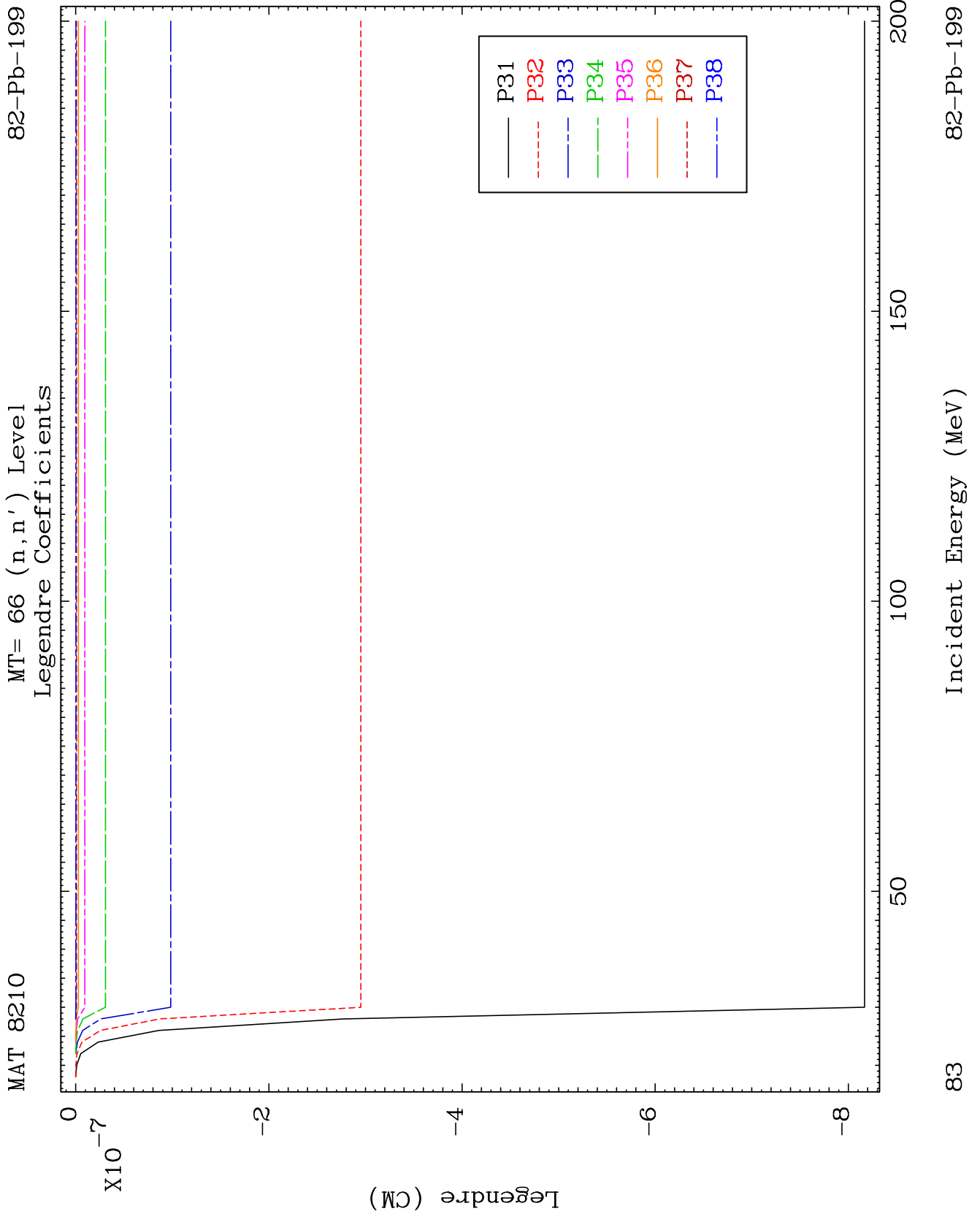
MT= 66 (n,n') Level
Legendre Coefficients

82-Pb-199



82

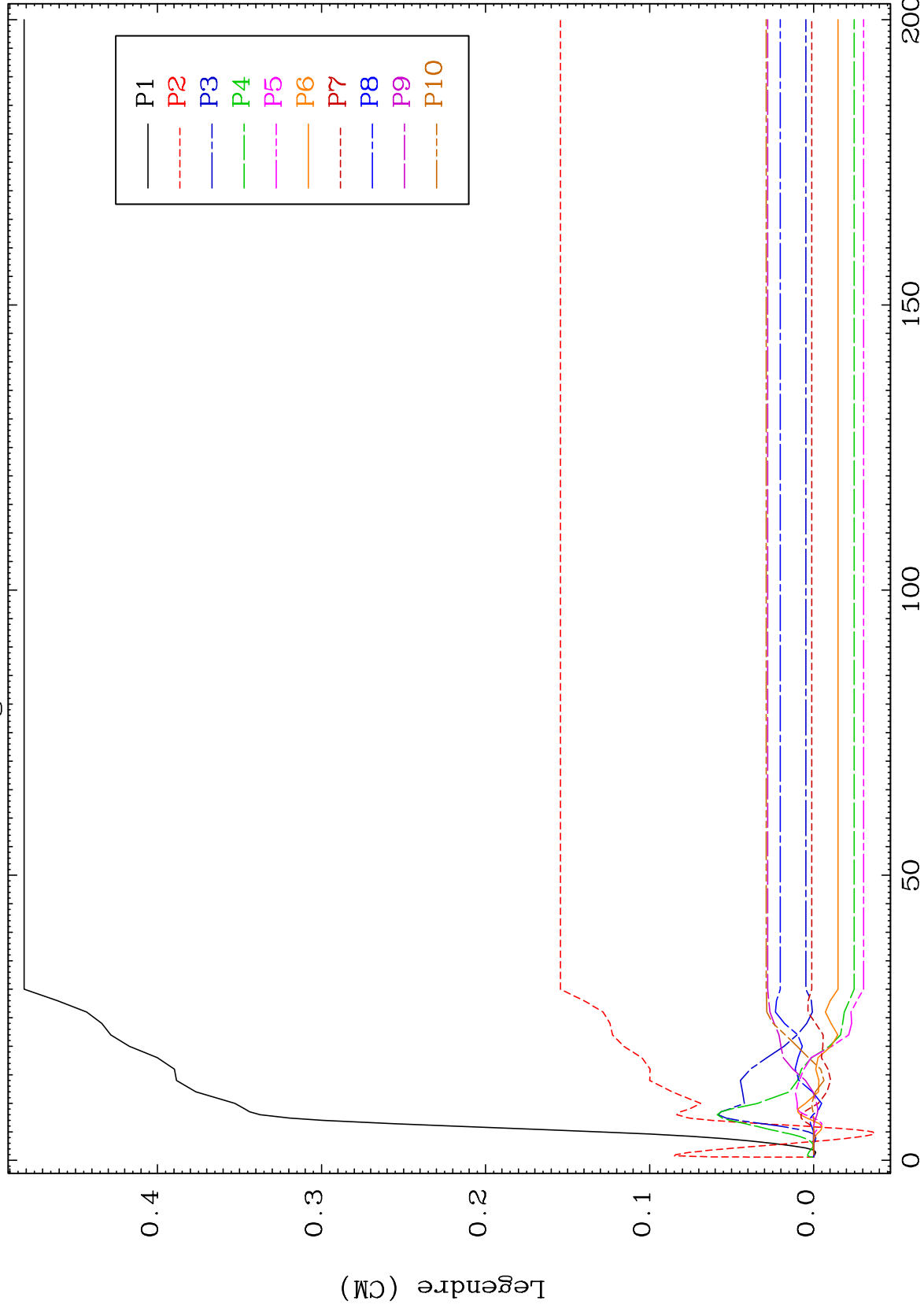
82-Pb-199



MAT 8210

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

82-Pb-199



84

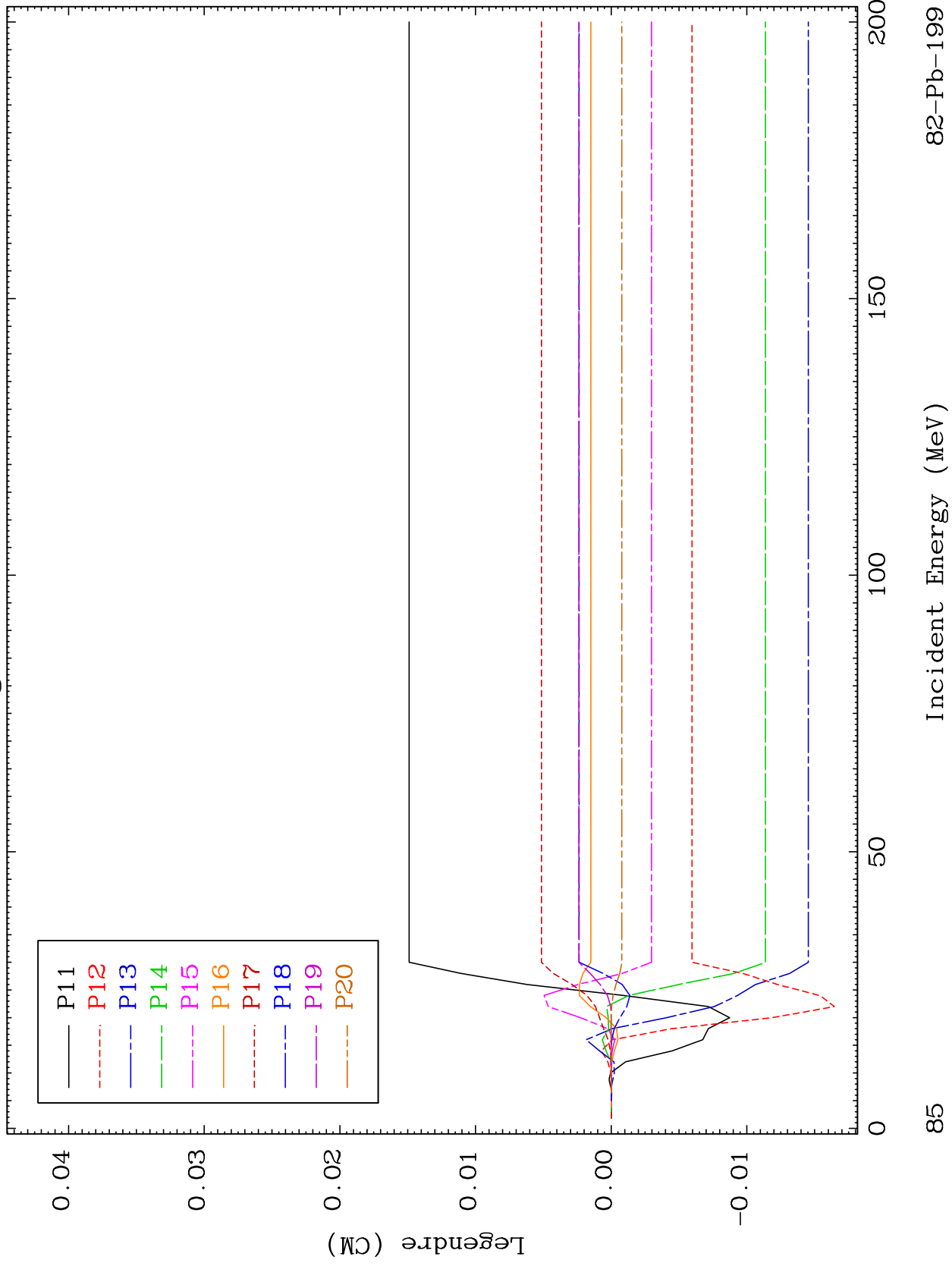
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

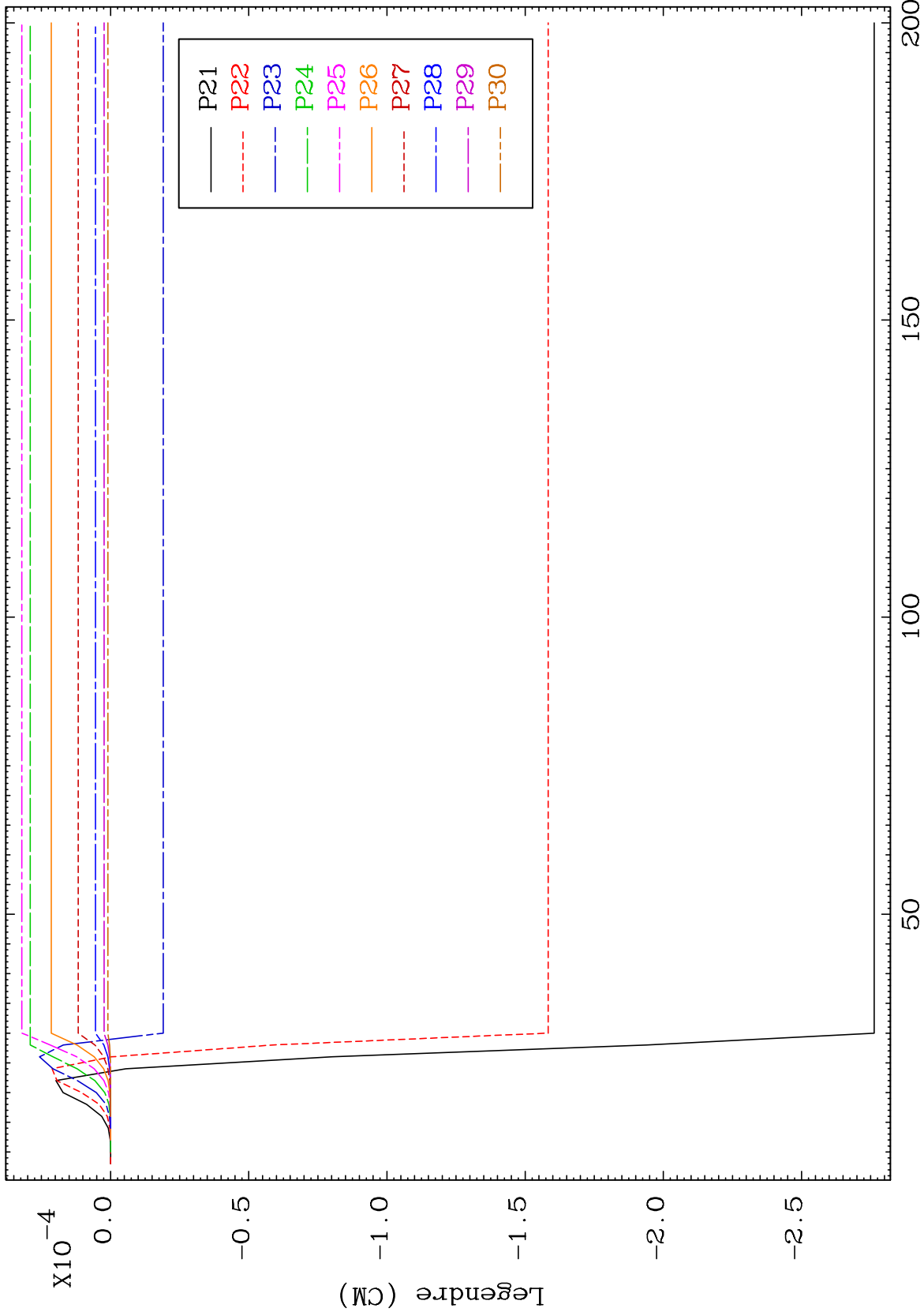
82-Pb-199



85

Incident Energy (MeV)

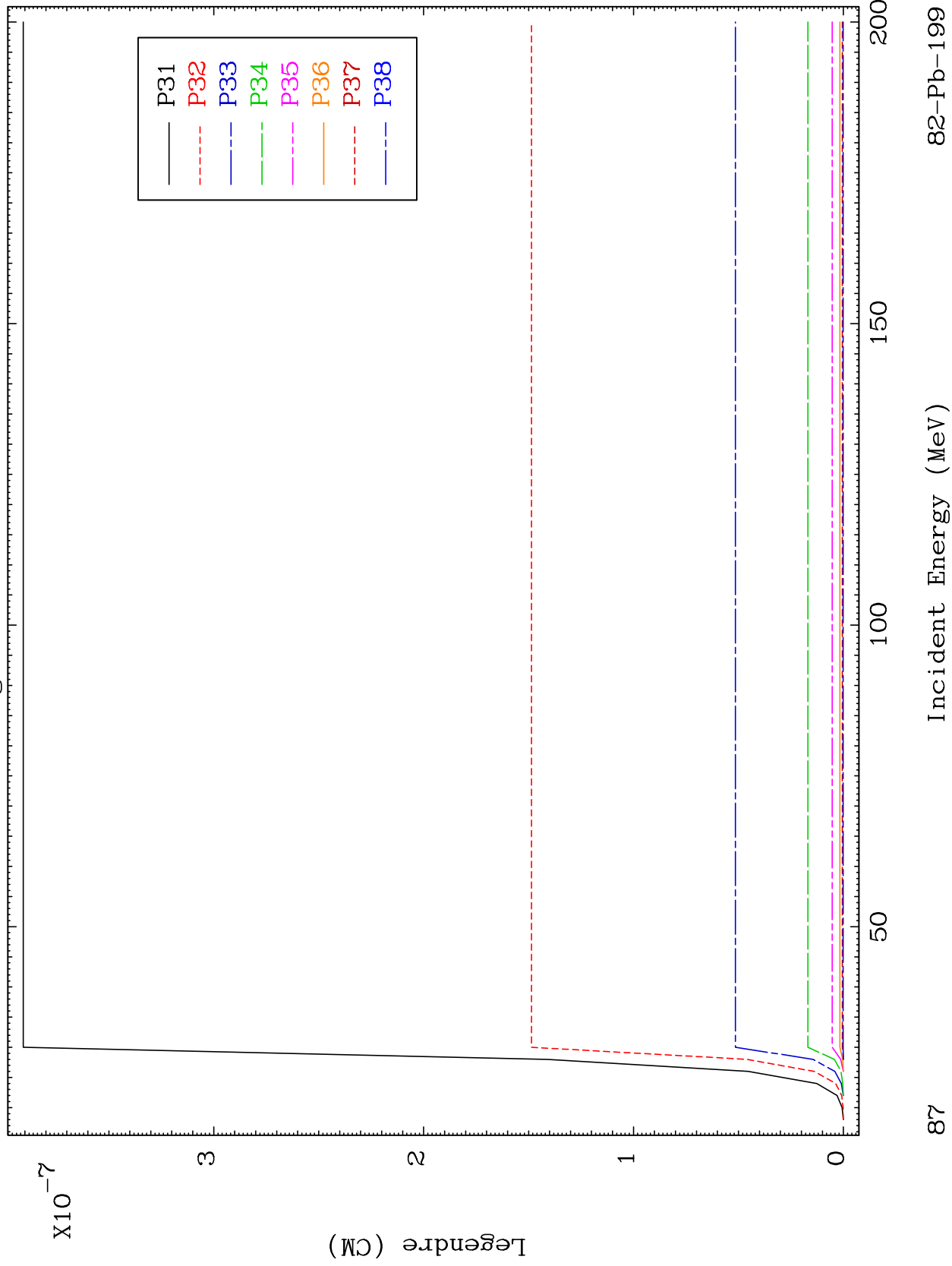
82-Pb-199



MAT 8210

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

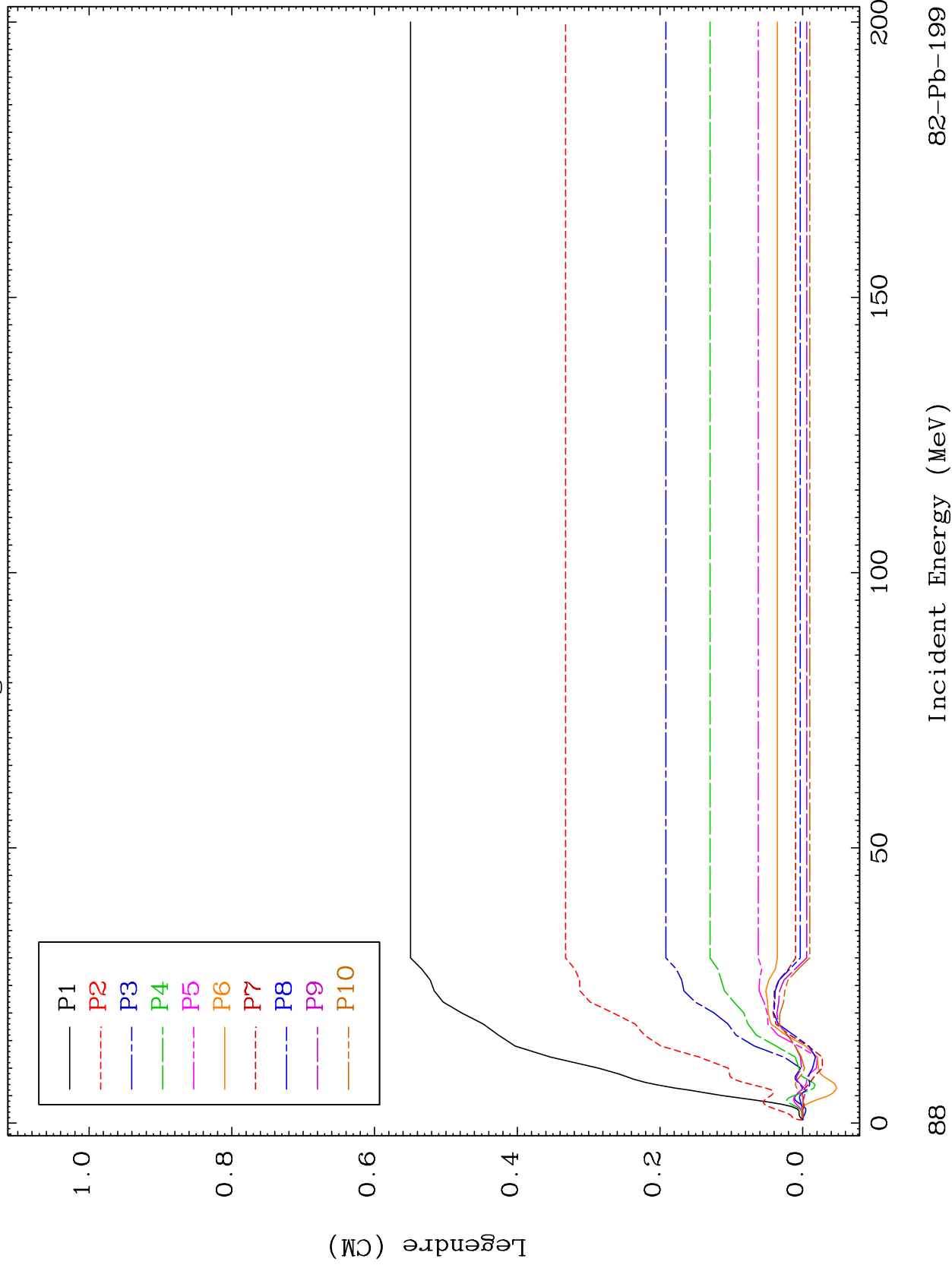
82-Pb-199



MAT 8210

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

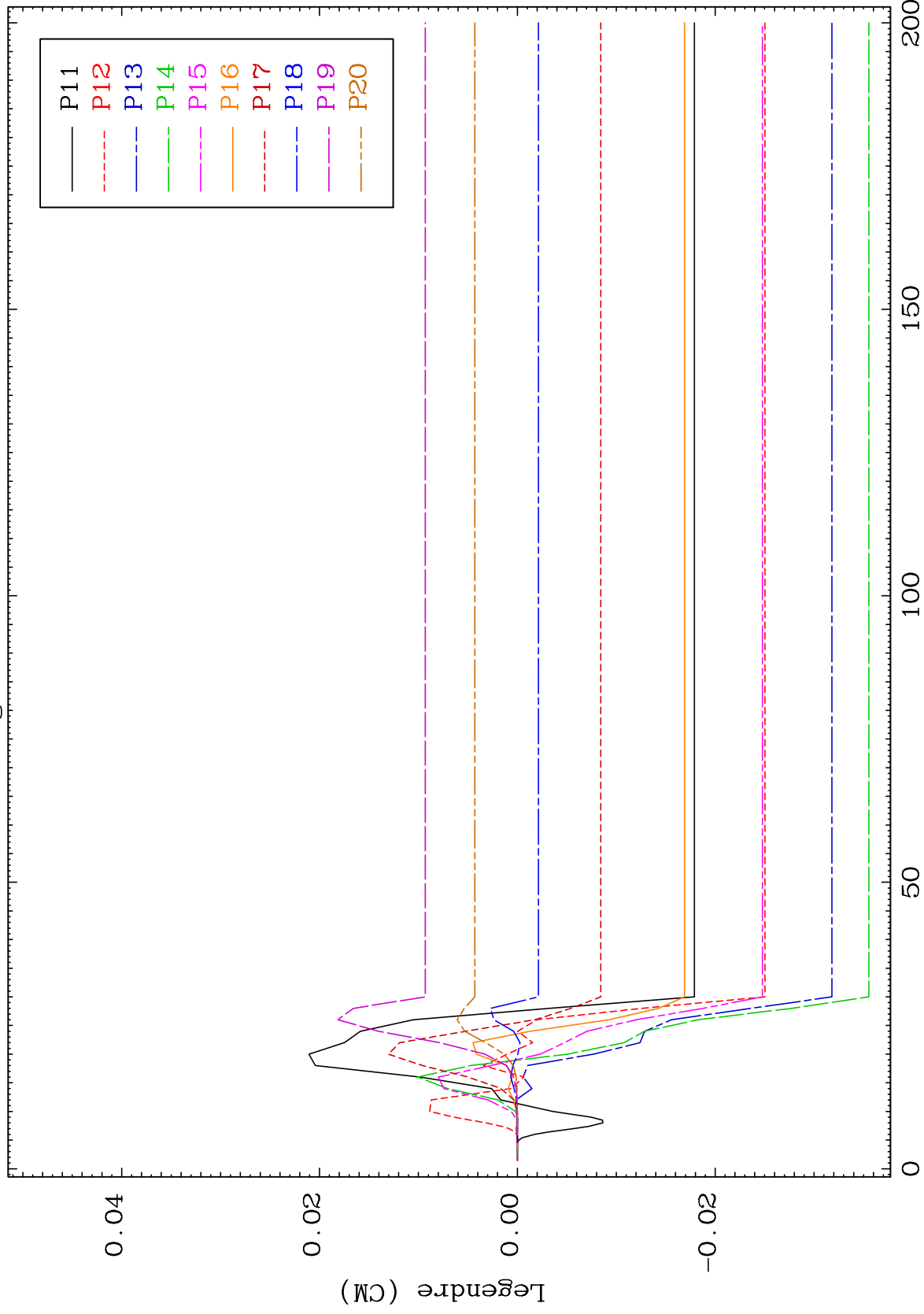
82-Pb-199



MAT 8210

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

82-Pb-199



89

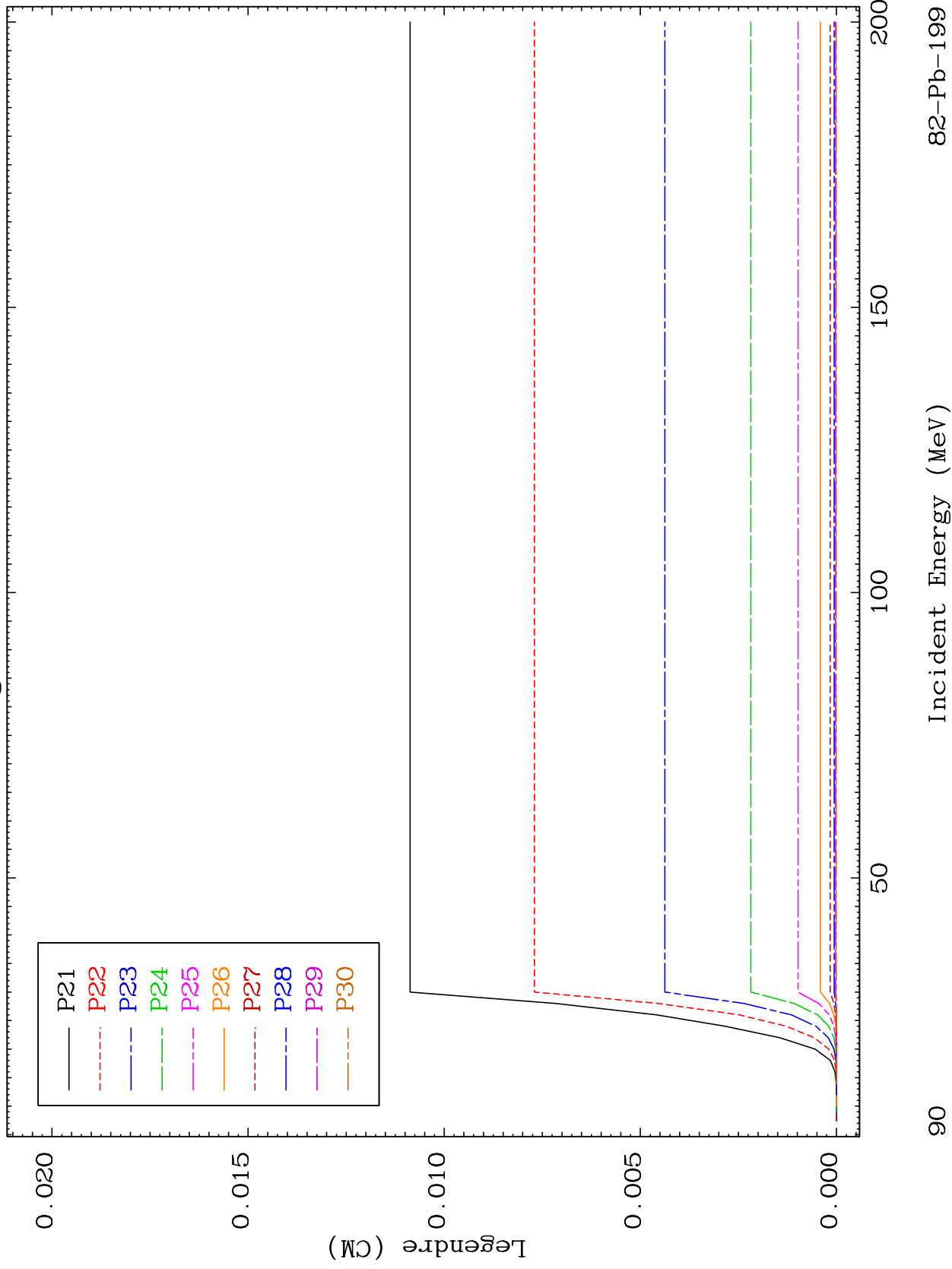
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199



90

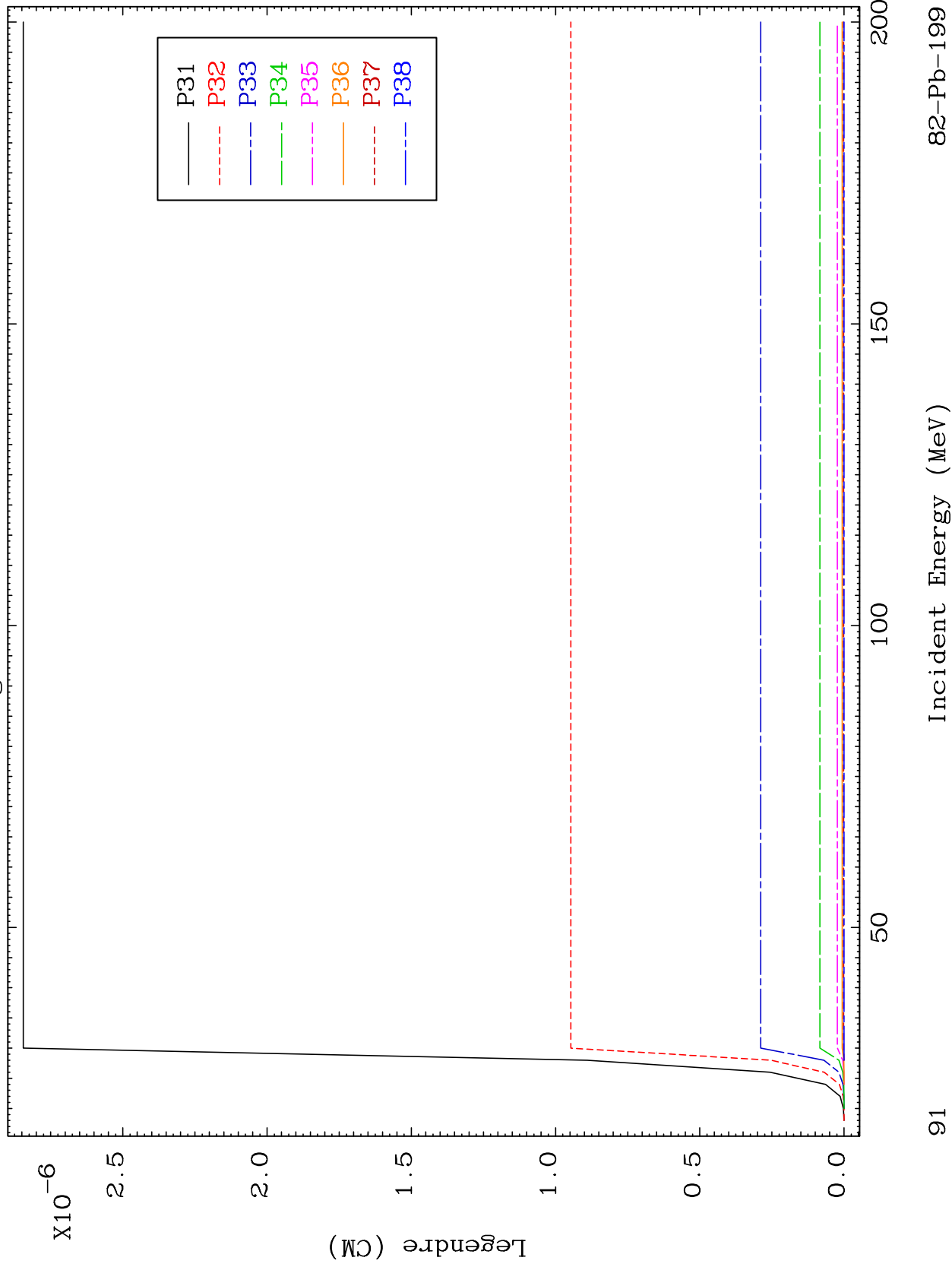
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199

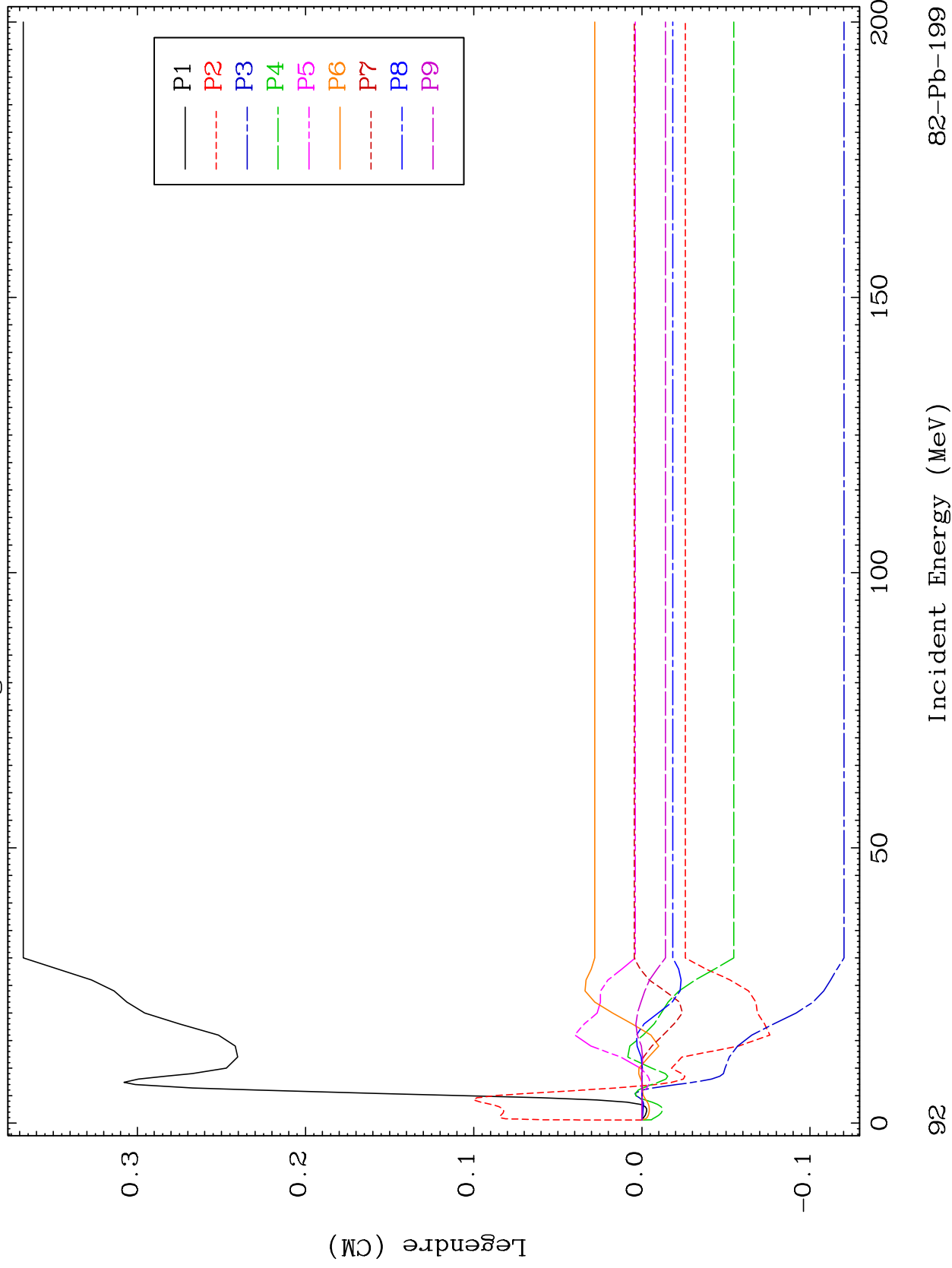


91

MAT 8210

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

82-Pb-199



82-Pb-199

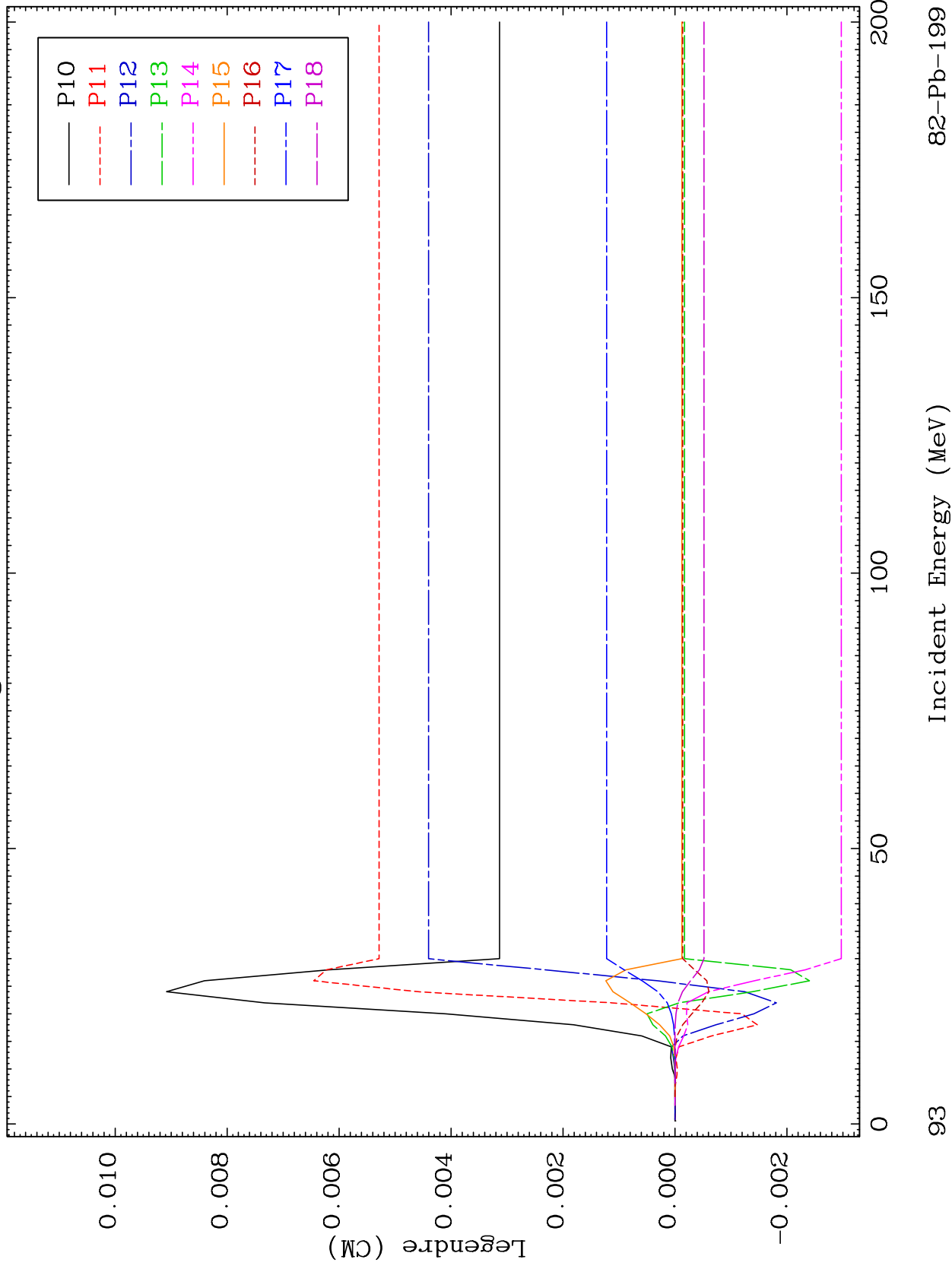
Incident Energy (MeV)

92

MAT 8210

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

82-Pb-199



93

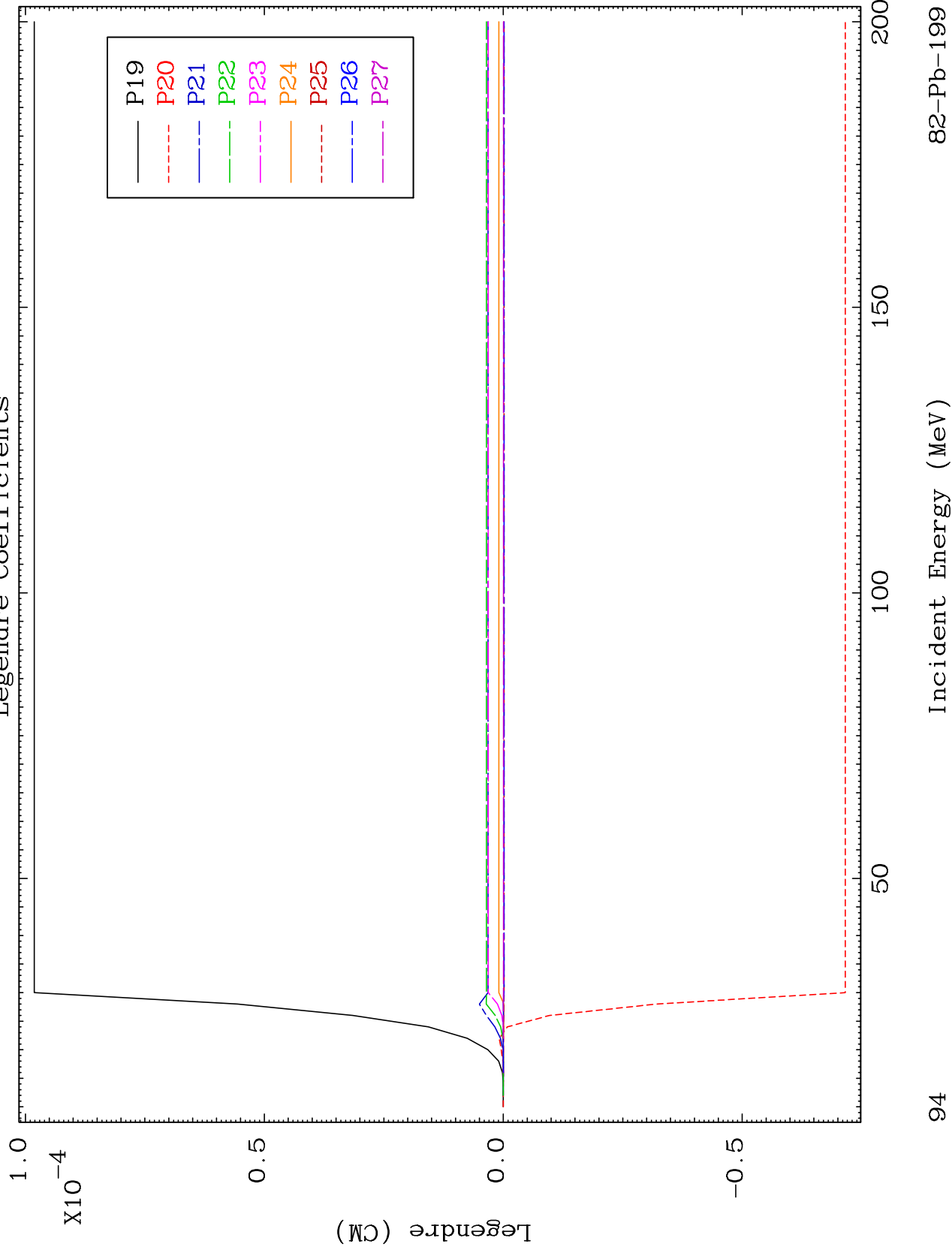
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

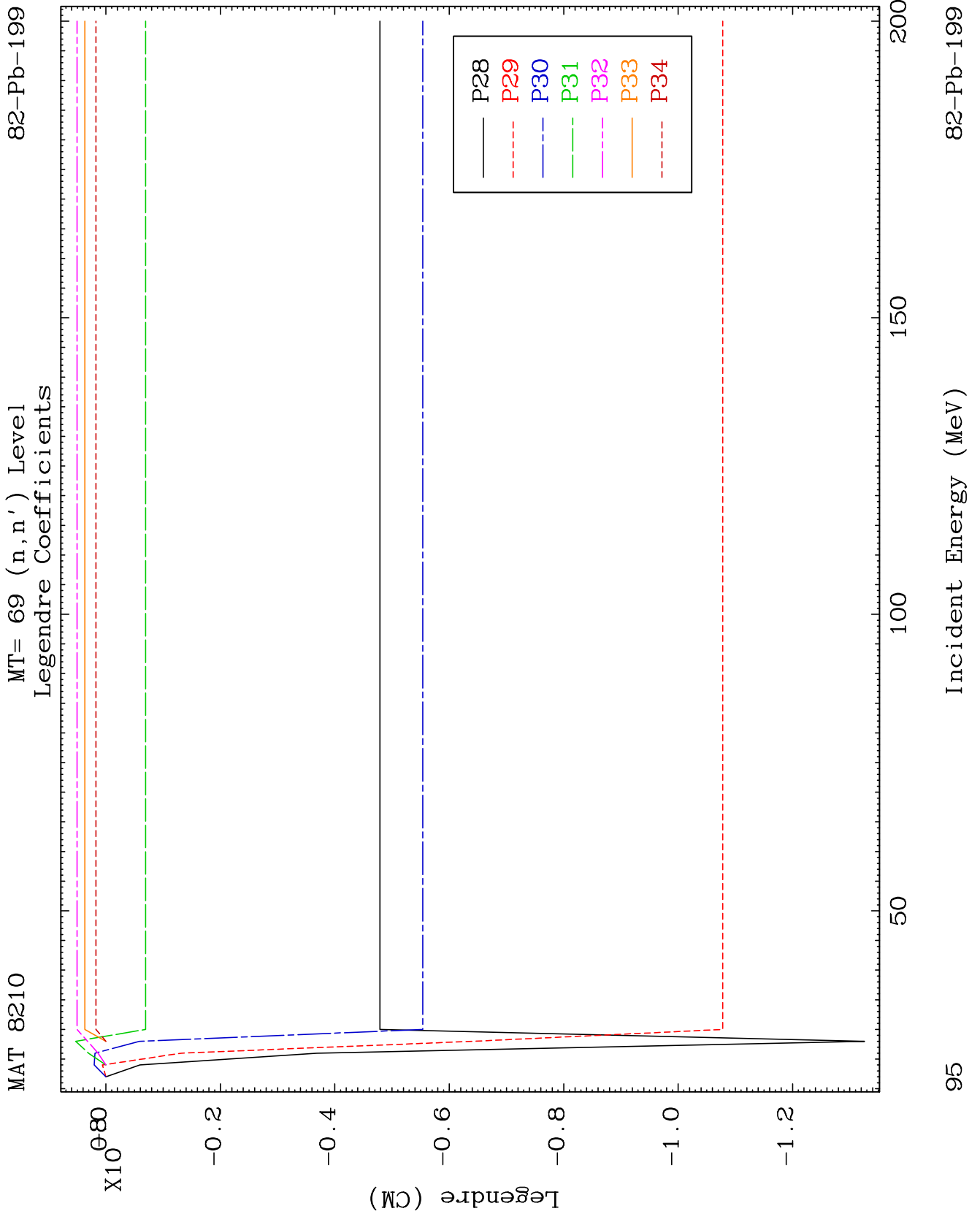
82-Pb-199

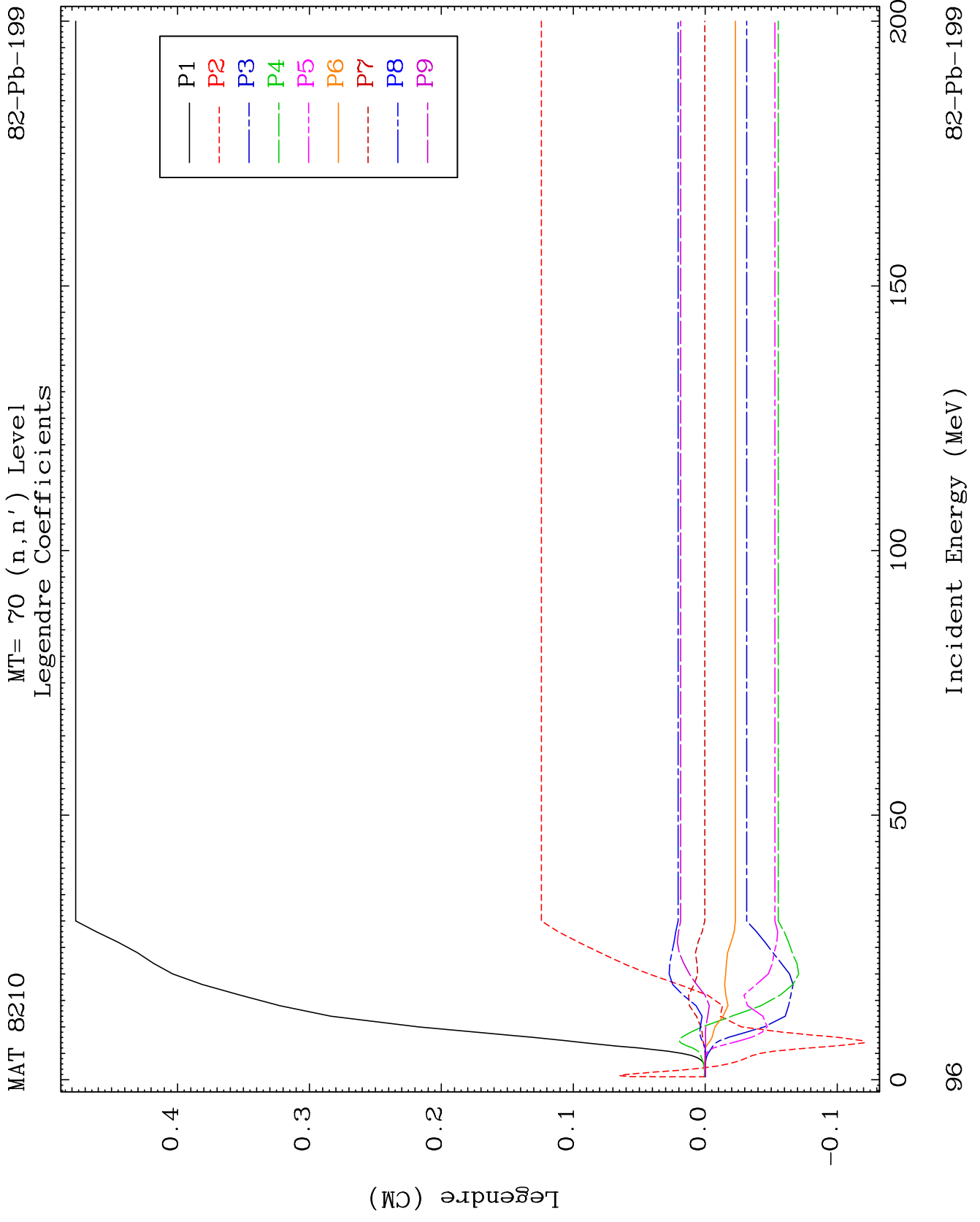


94

Incident Energy (MeV)

82-Pb-199

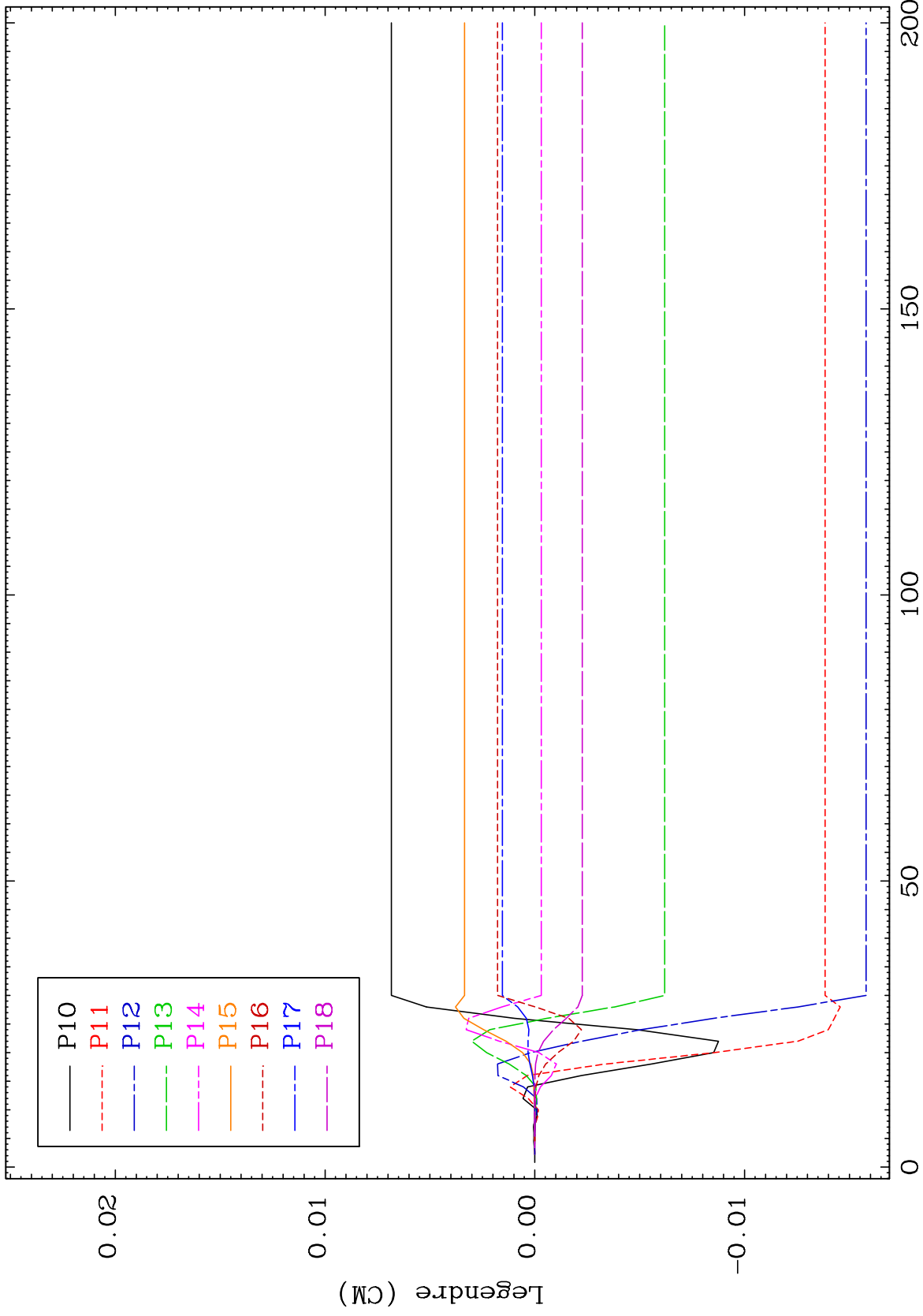




MAT 8210

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

82-Pb-199



97

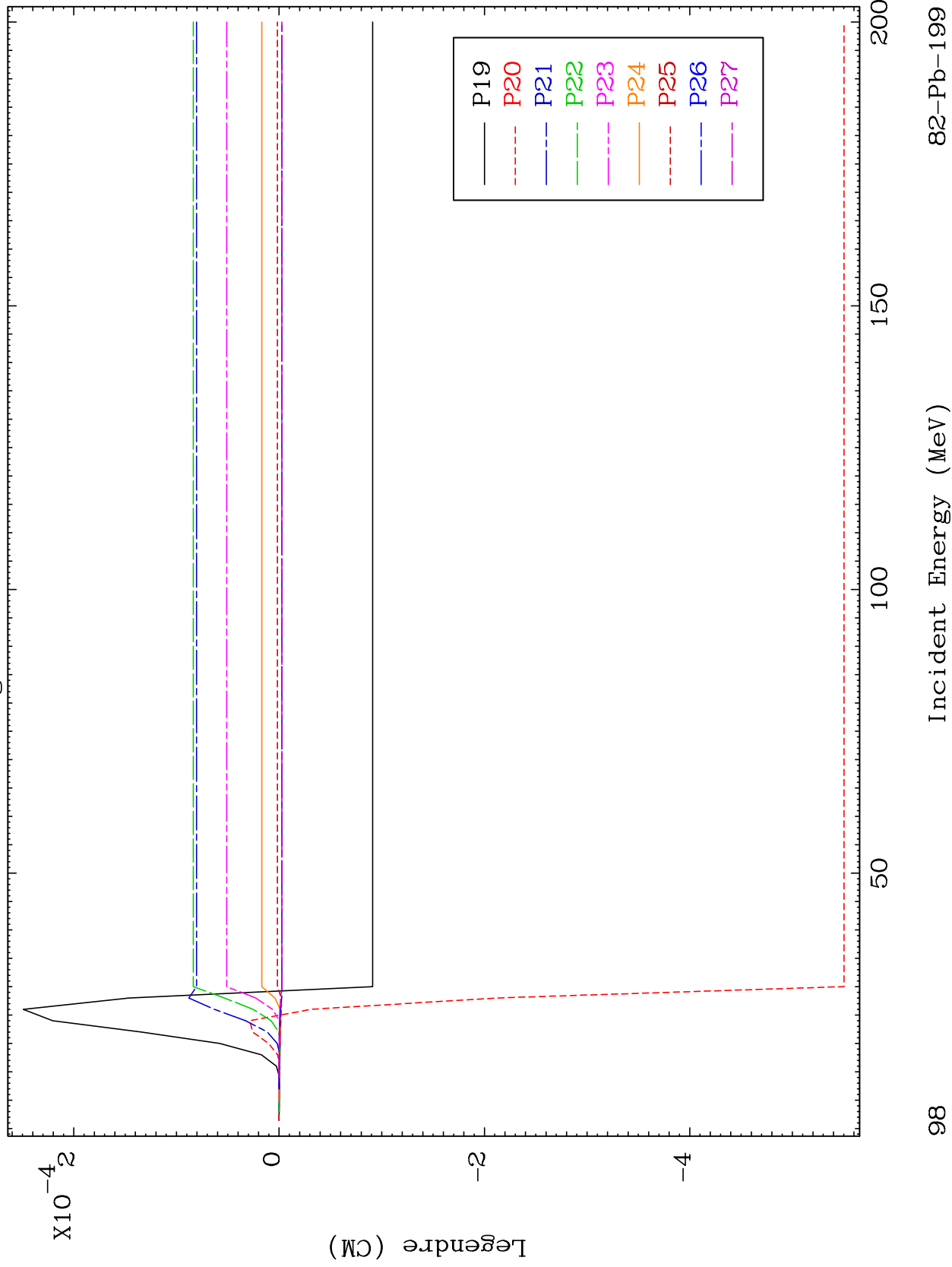
Incident Energy (MeV)

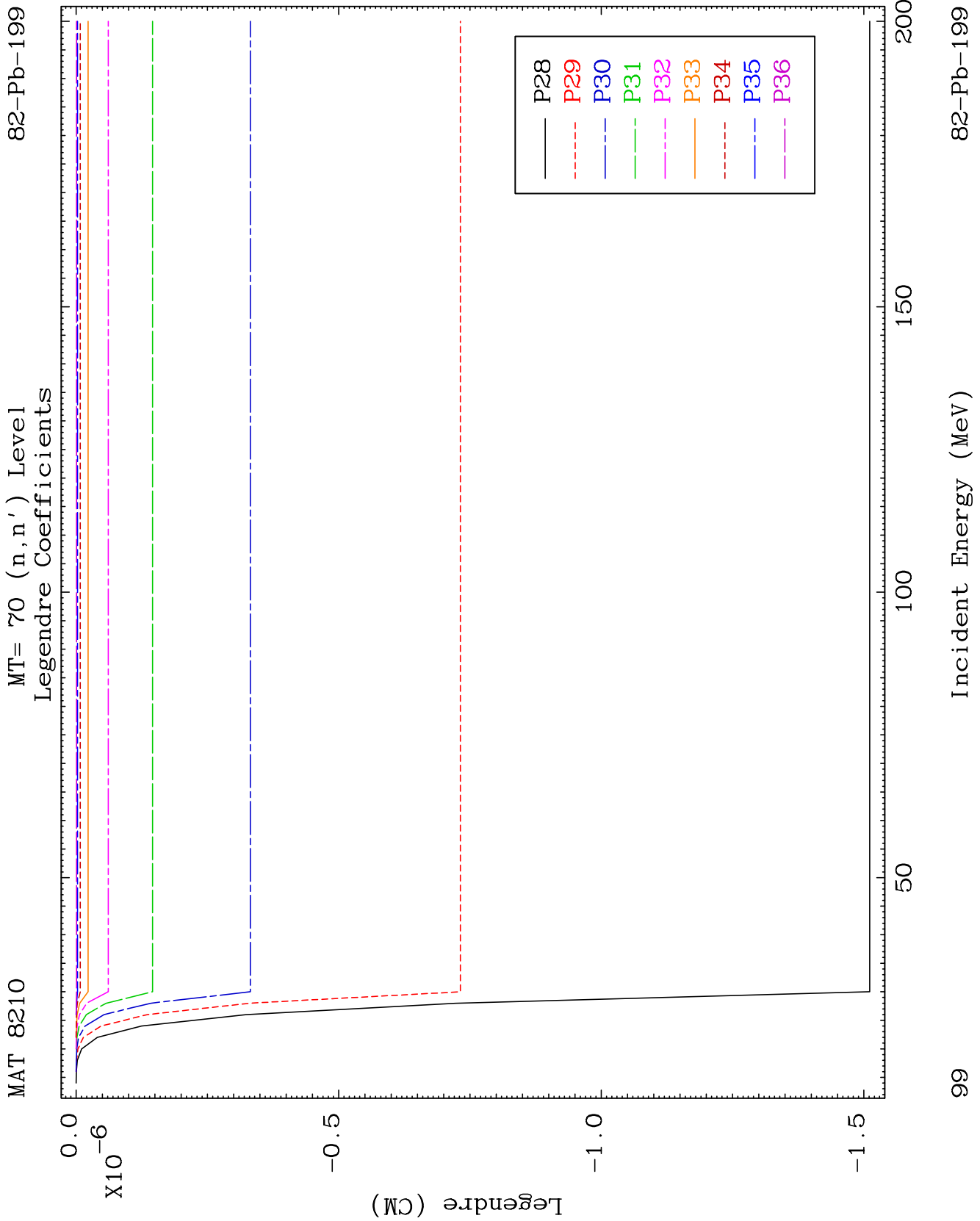
82-Pb-199

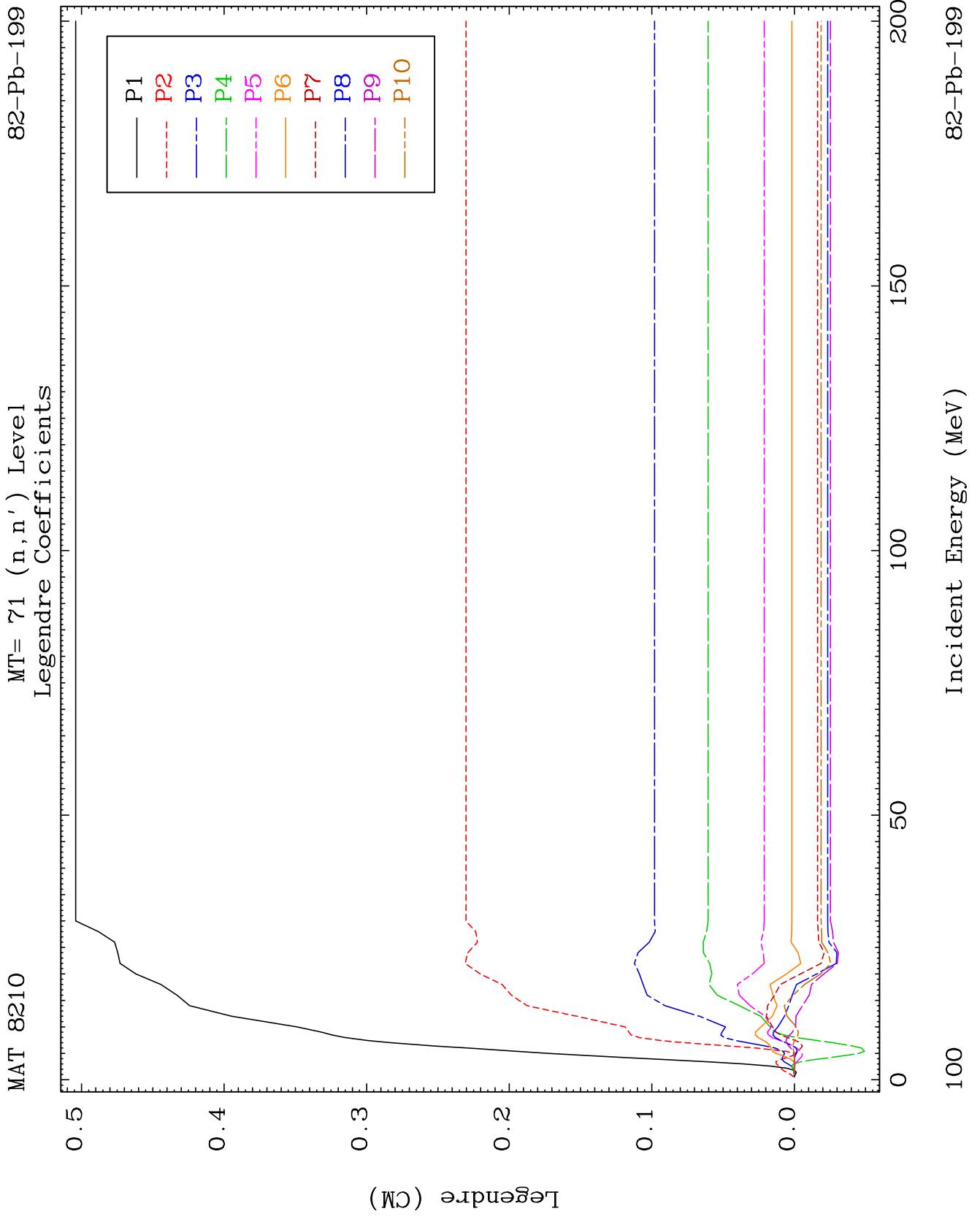
MAT 8210

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

82-Pb-199



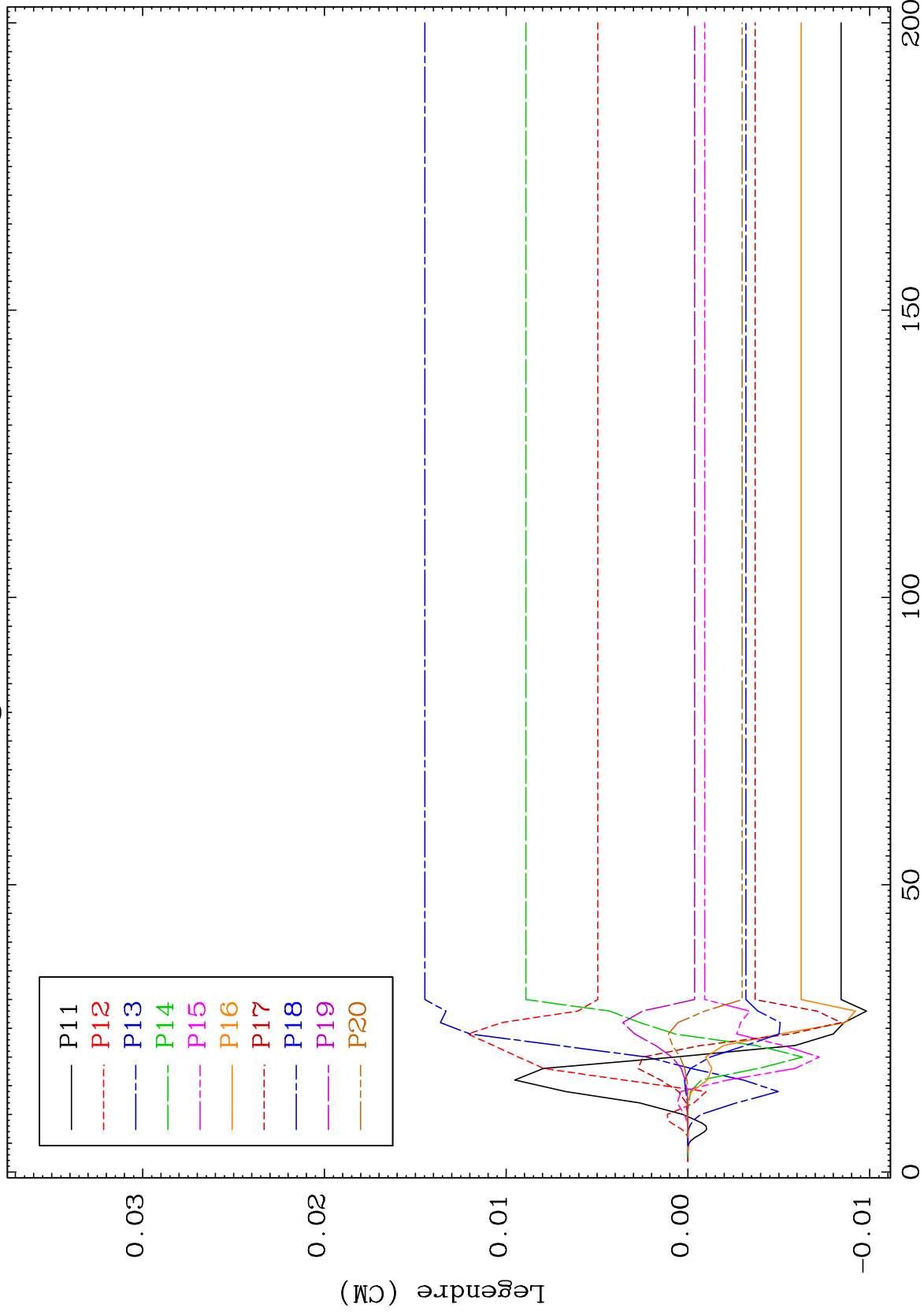




MAT 8210

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

82-Pb-199



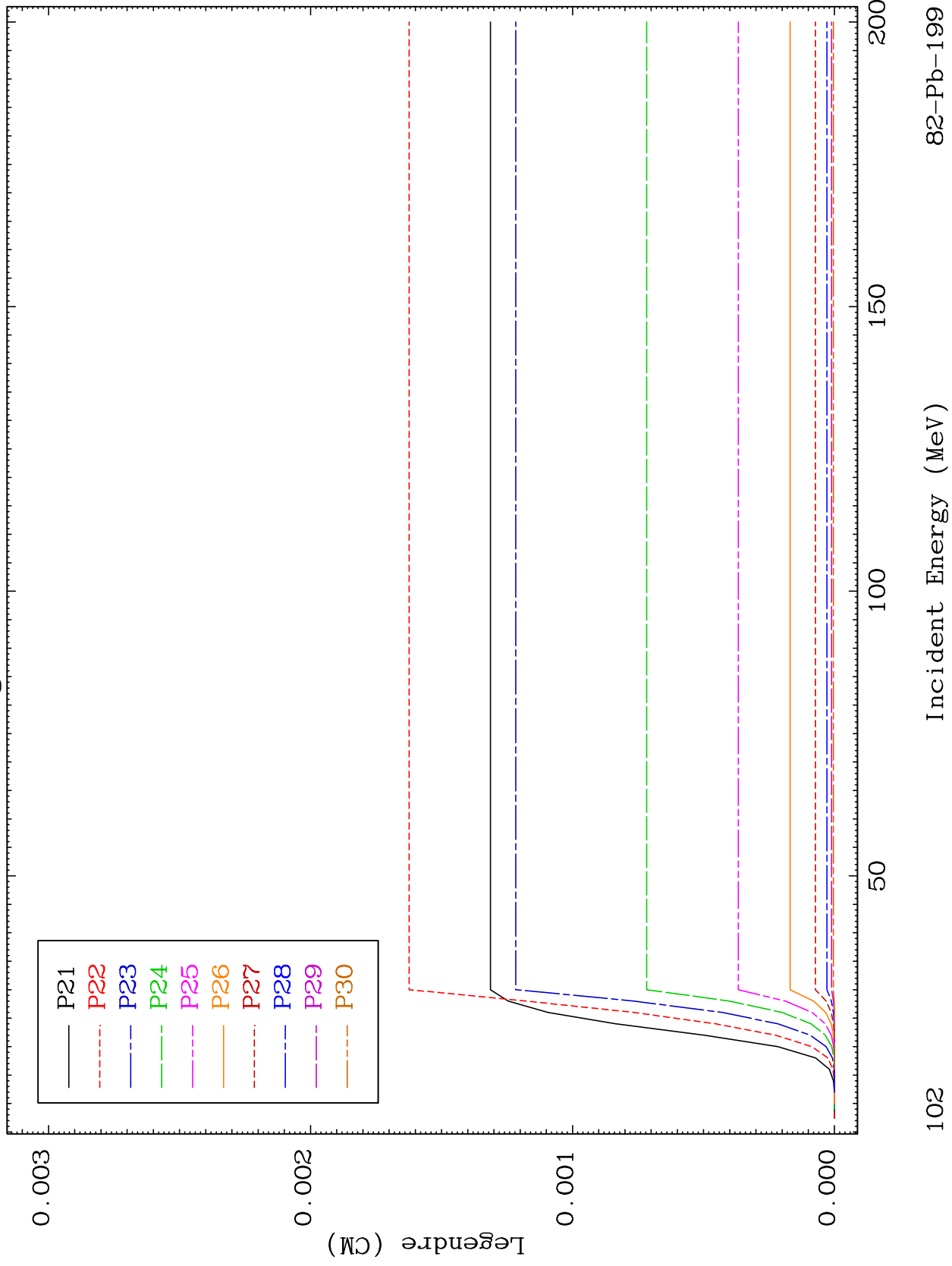
101

82-Pb-199

MAT 8210

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

82-Pb-199



102

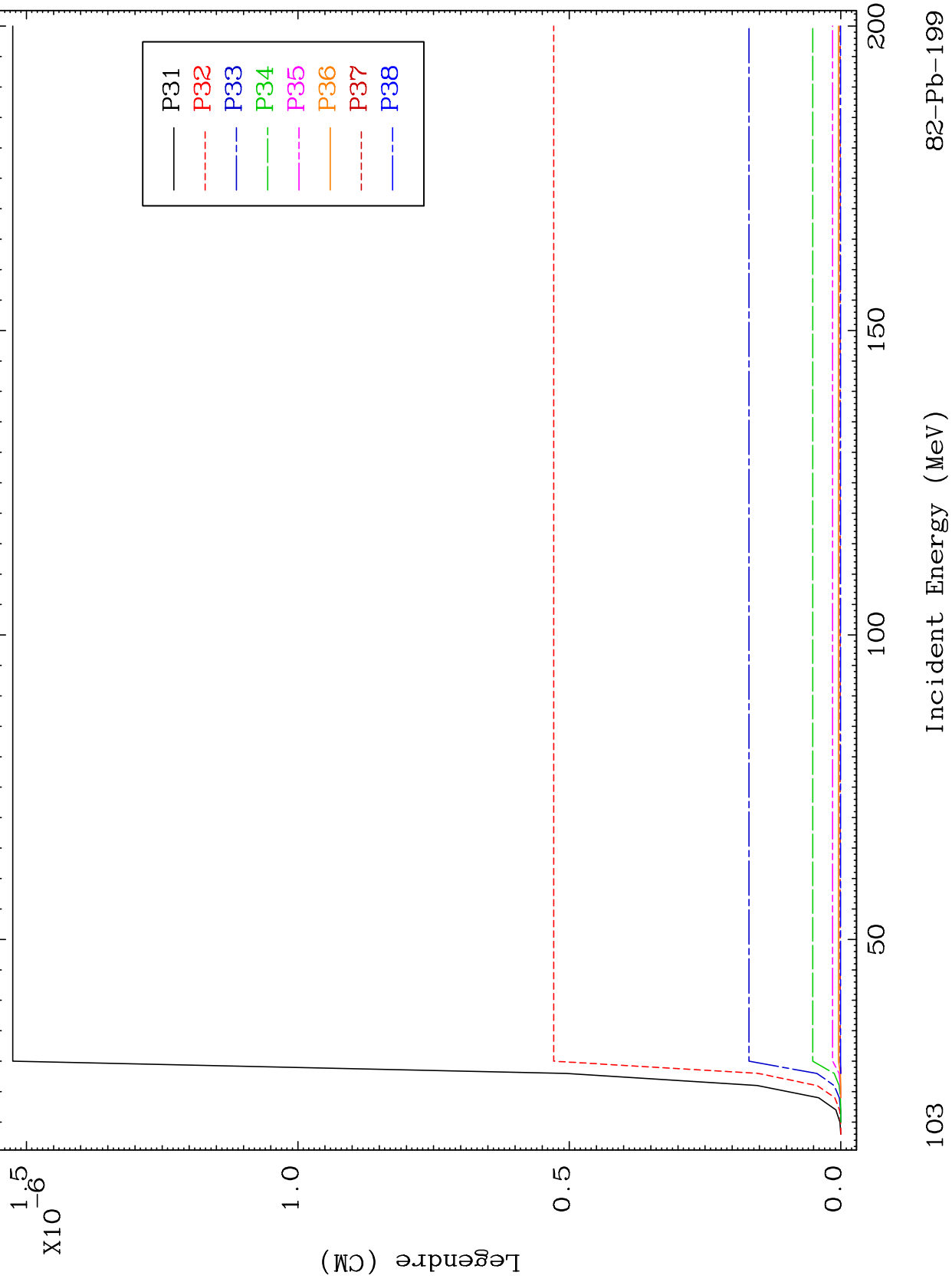
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199

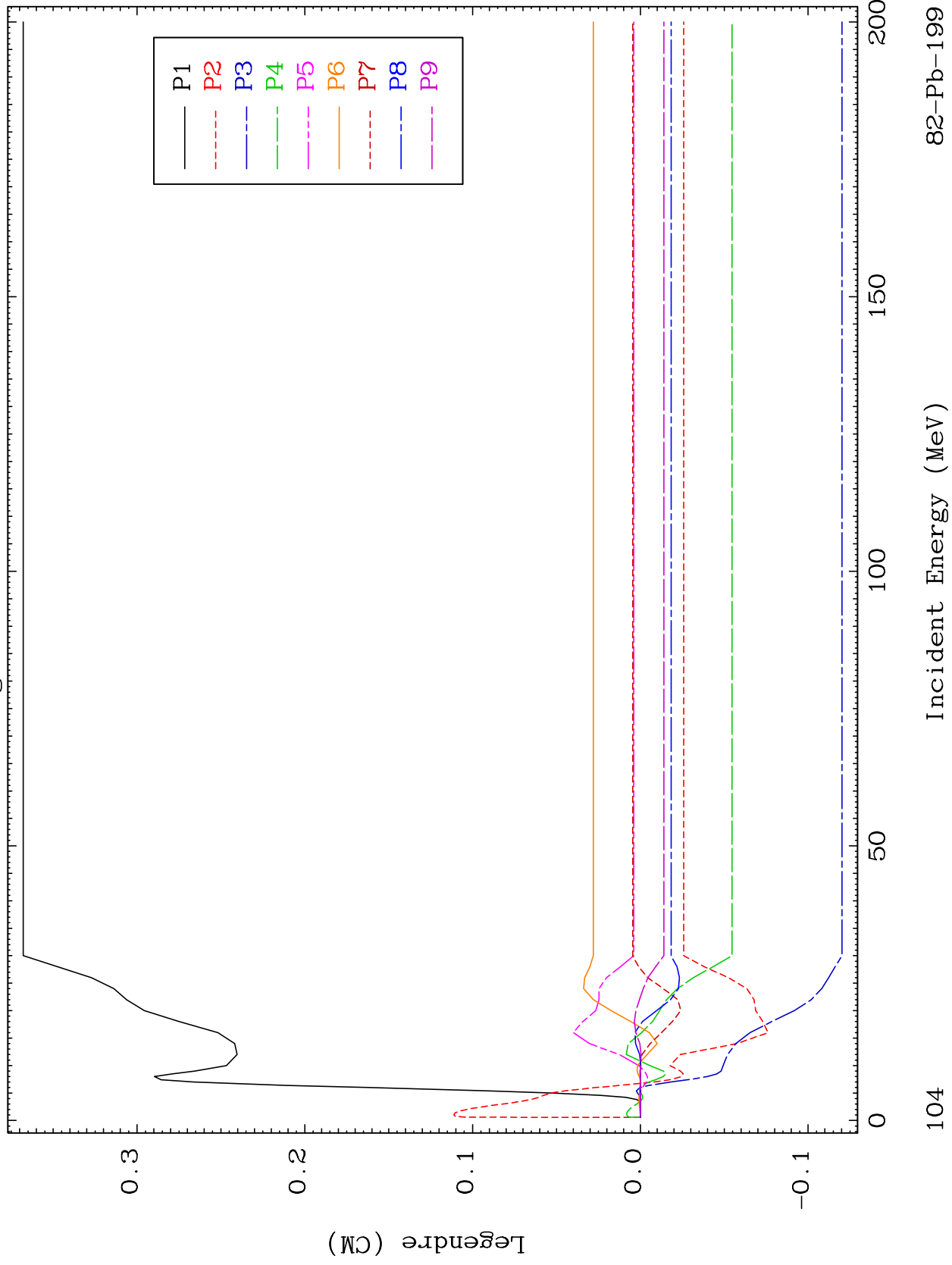


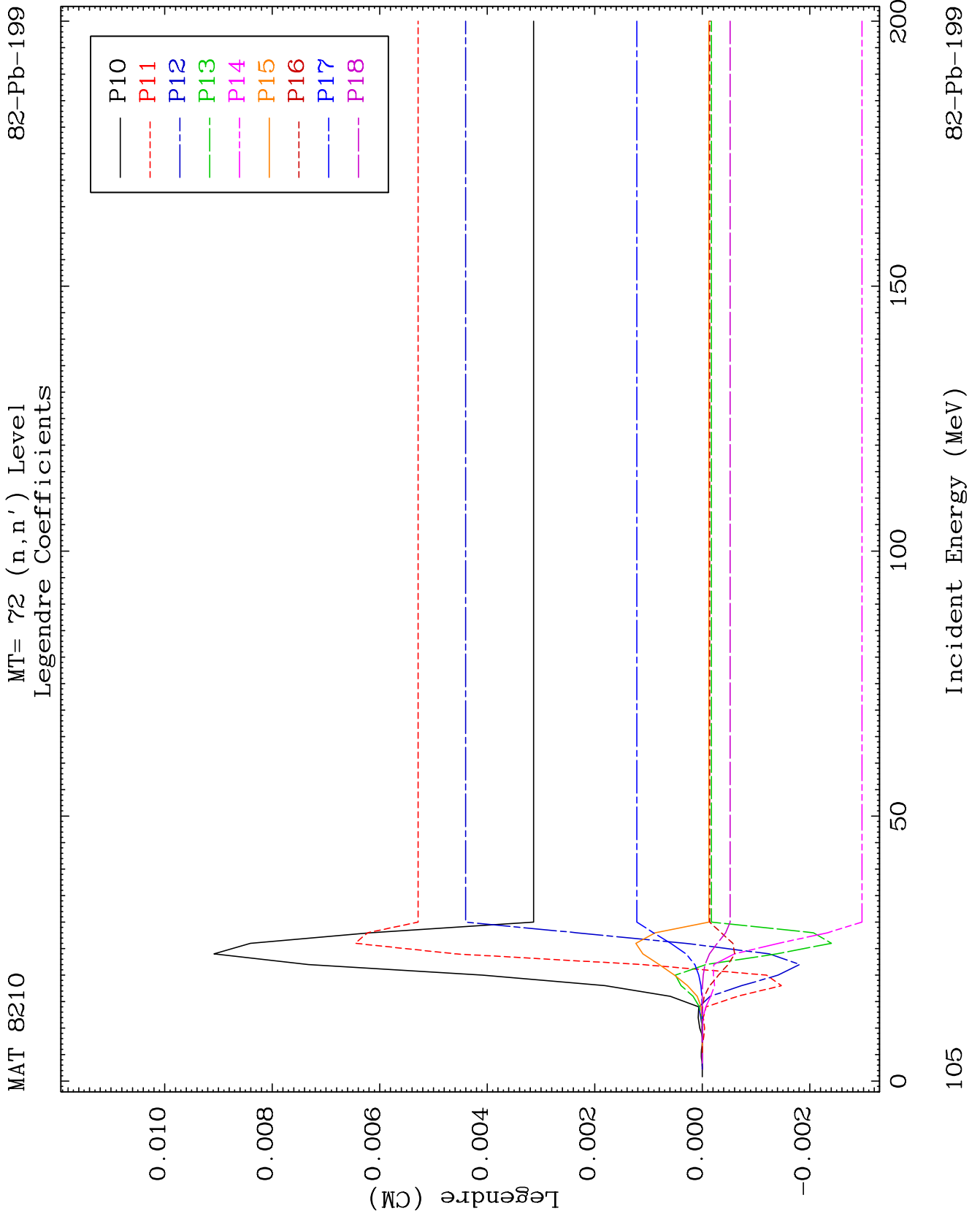
103

MAT 8210

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

82-Pb-199

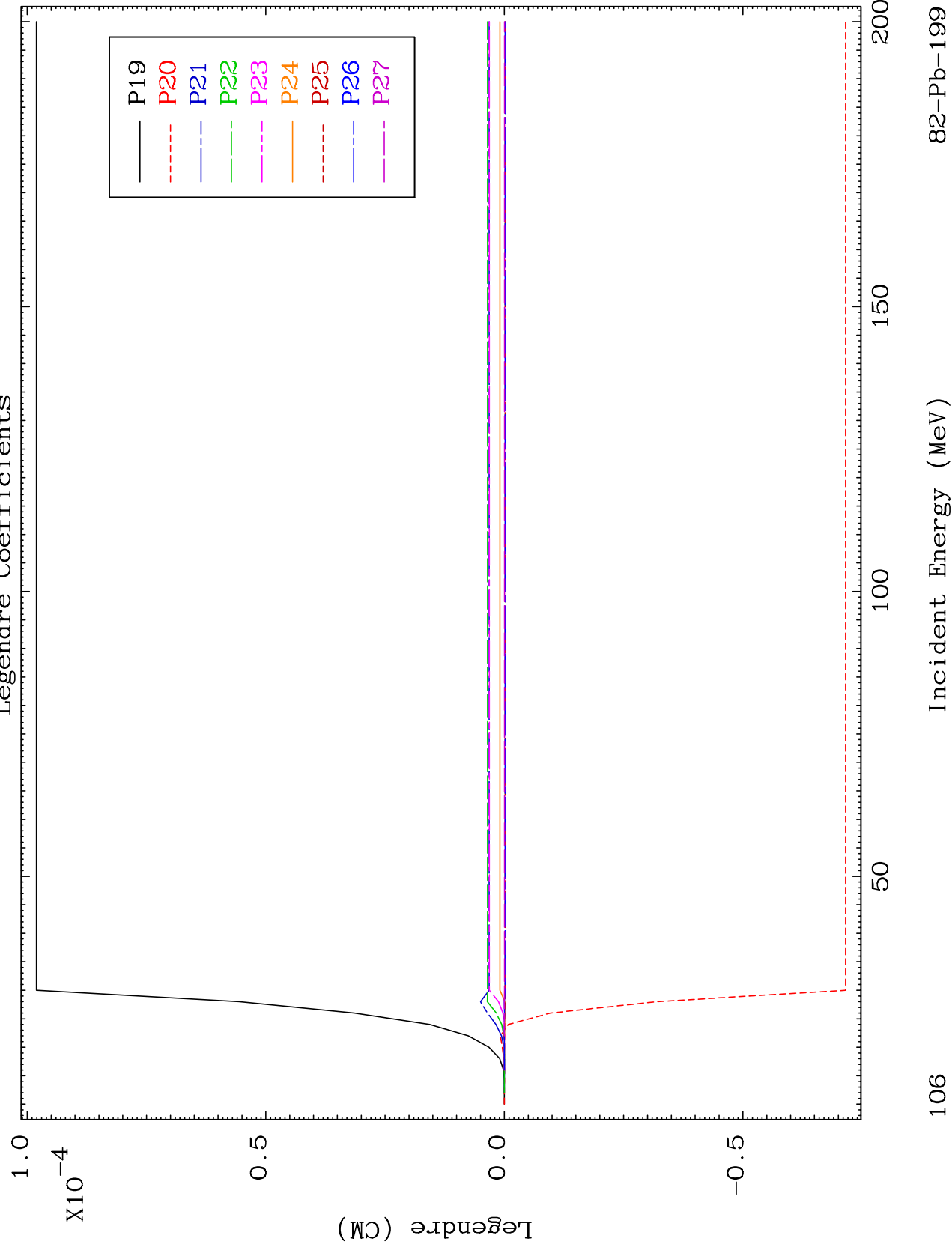




MAT 8210

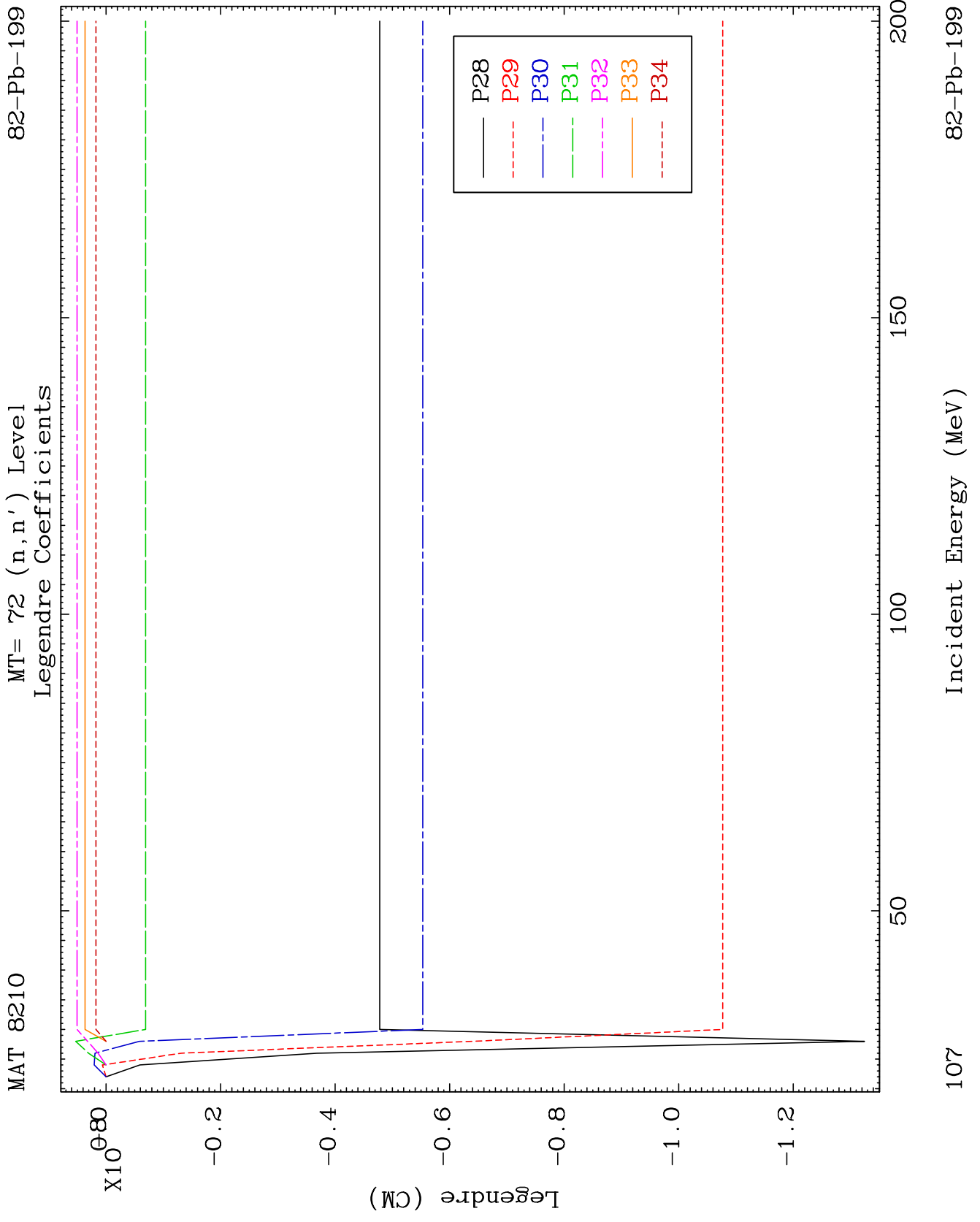
MT= 72 (n,n') Level
Legendre Coefficients

82-Pb-199



106

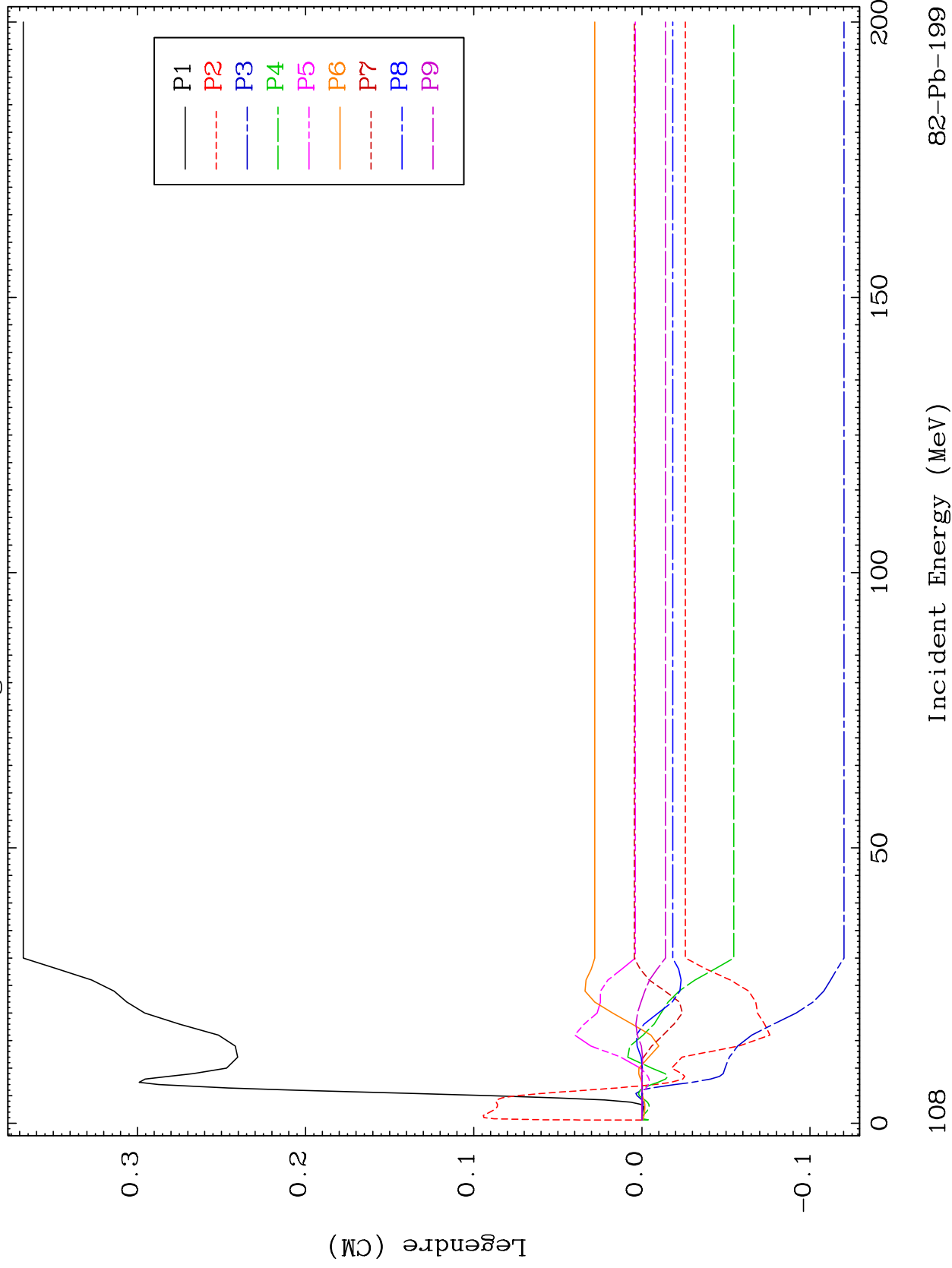
82-Pb-199



MAT 8210

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

82-Pb-199



108

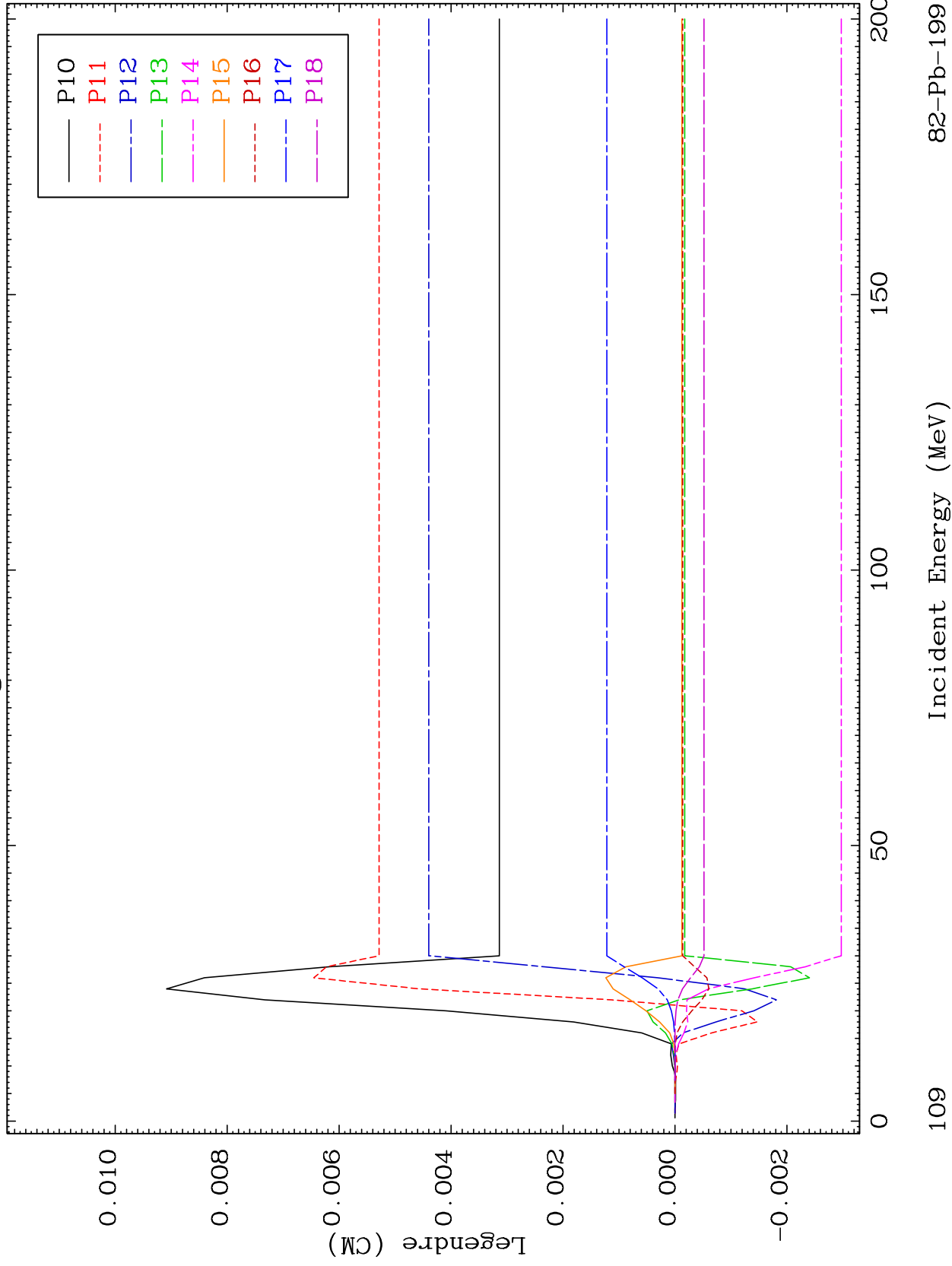
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199



82-Pb-199

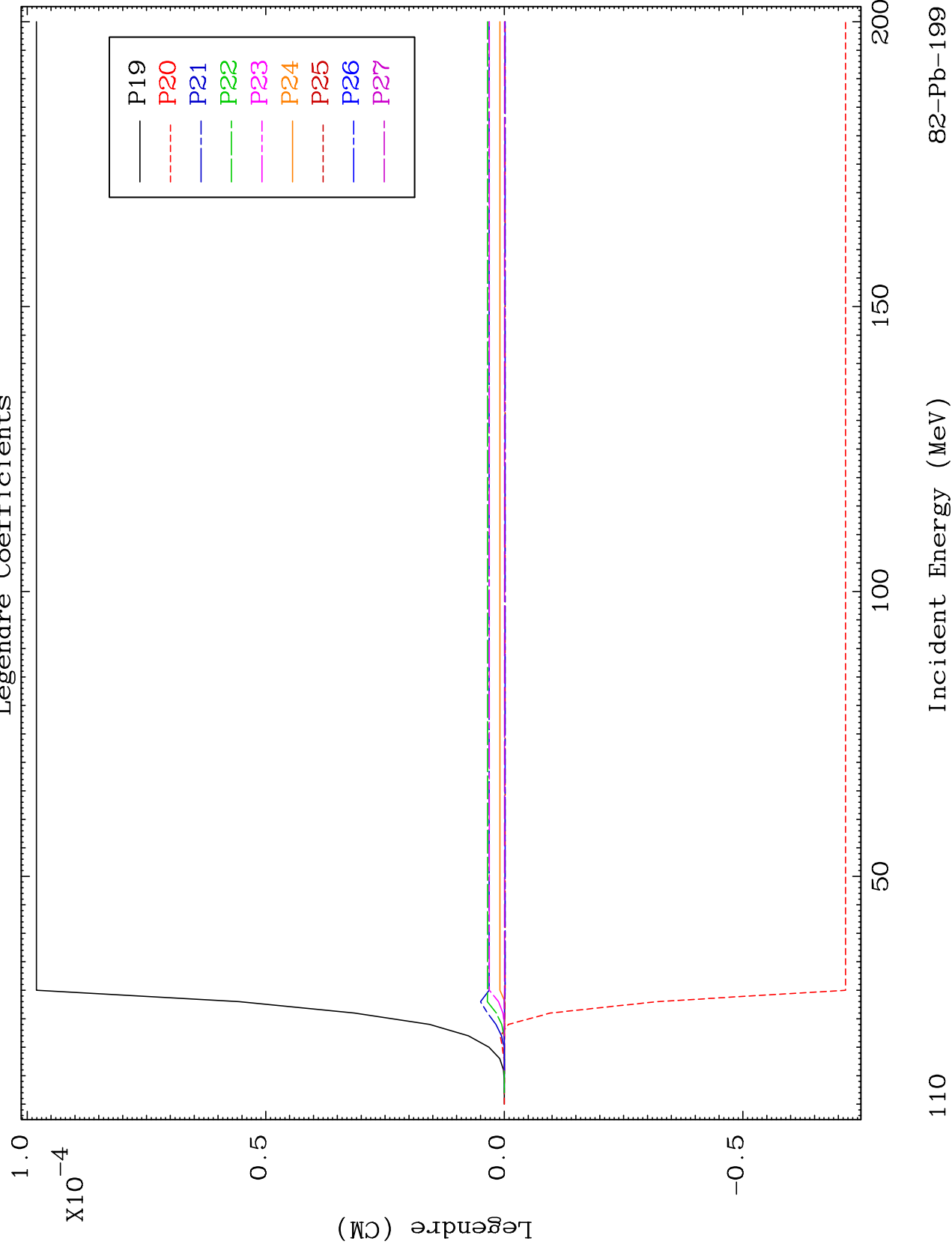
Incident Energy (MeV)

109

MAT 8210

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

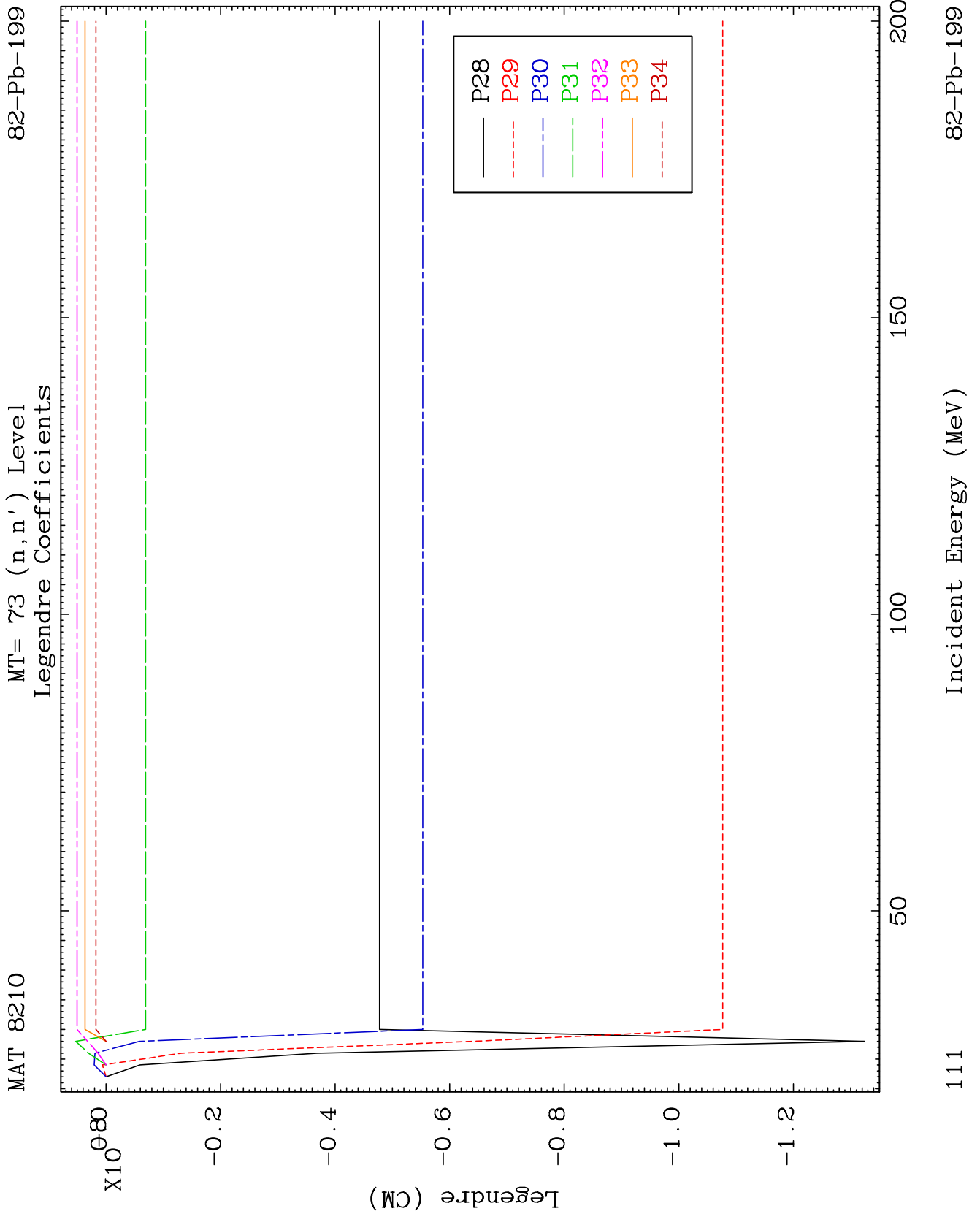
82-Pb-199



110

Incident Energy (MeV)

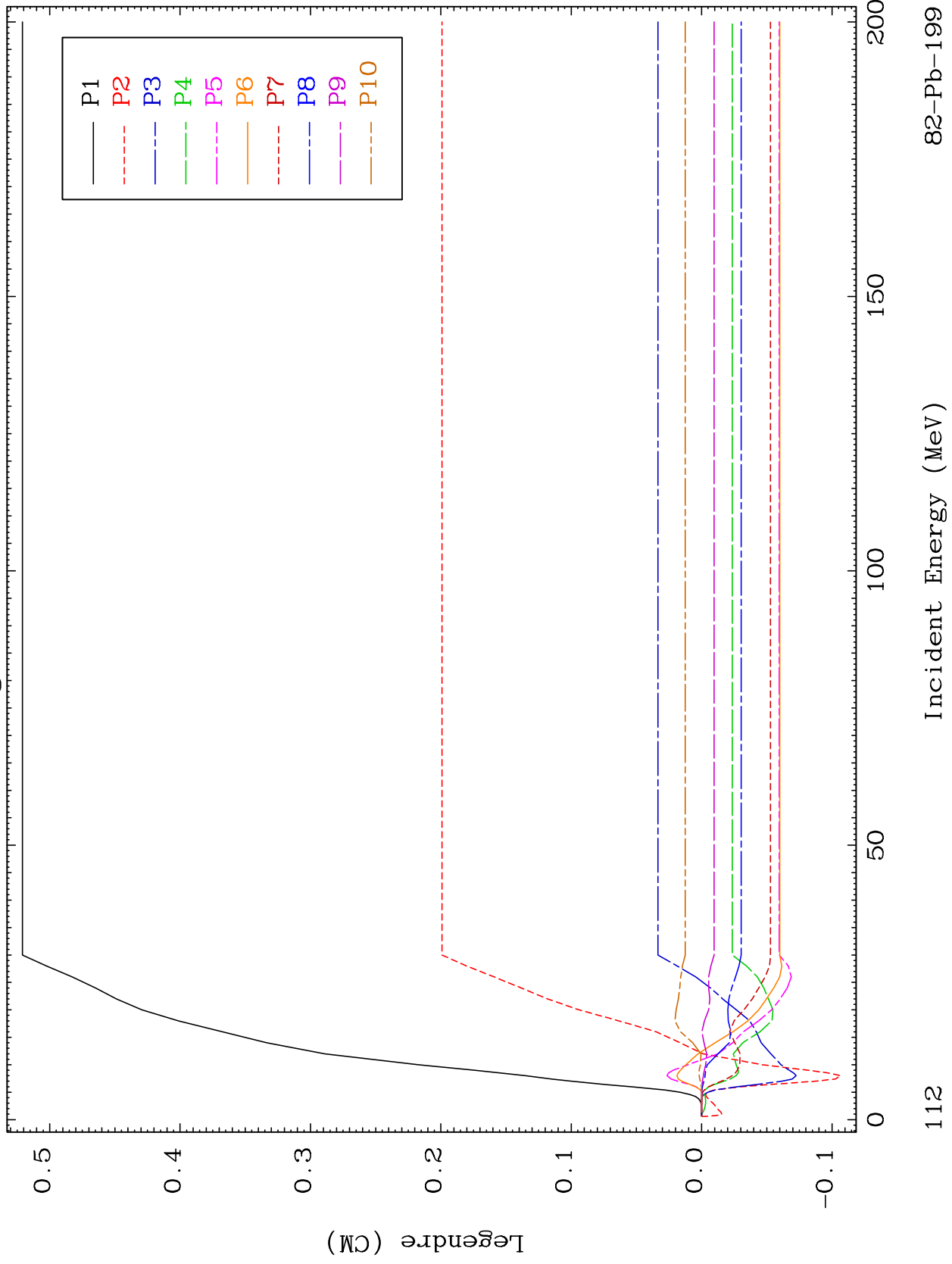
82-Pb-199



MAT 8210

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

82-Pb-199



82-Pb-199

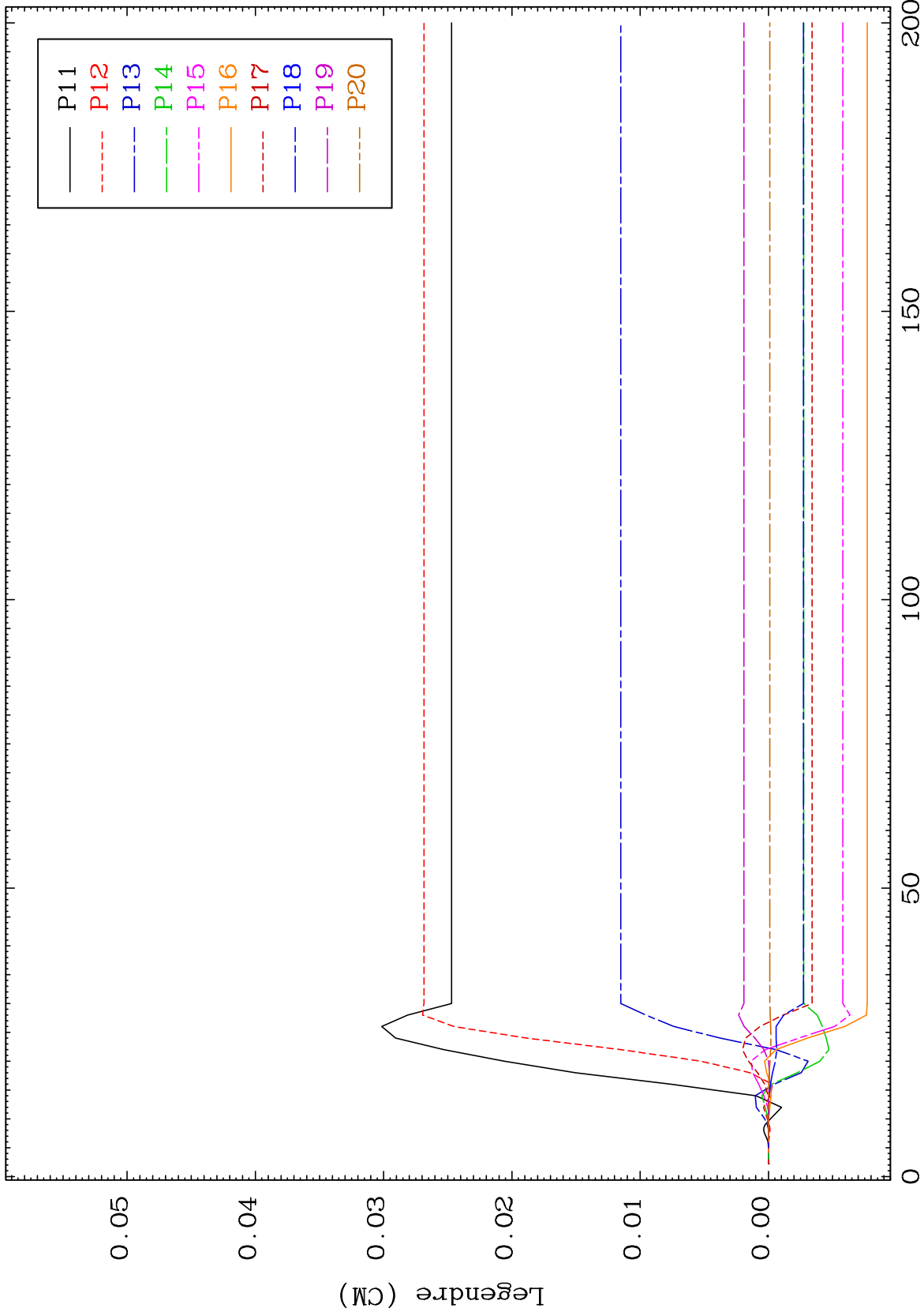
Incident Energy (MeV)

112

MAT 8210

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

82-Pb-199



113

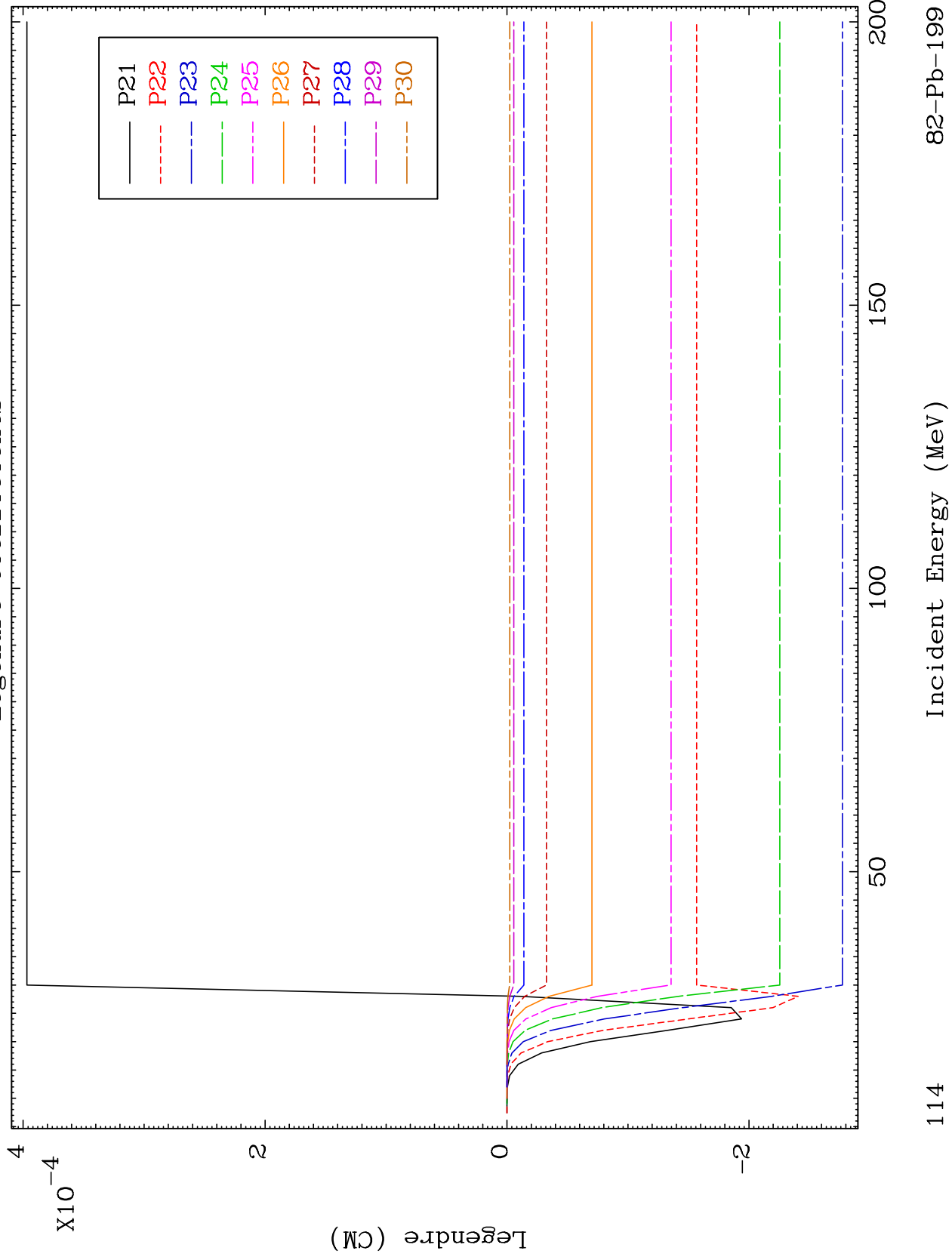
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

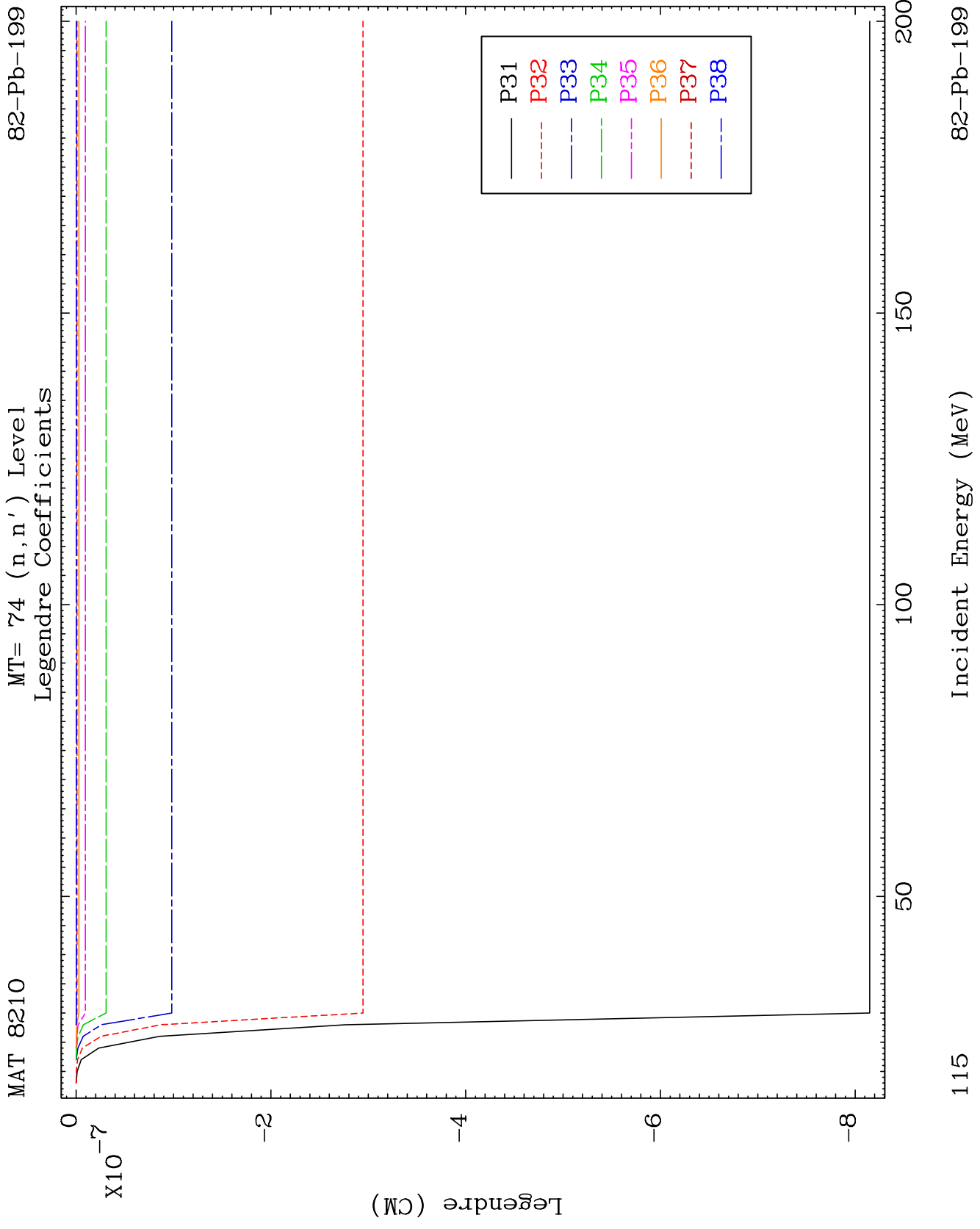
82-Pb-199



114

Incident Energy (MeV)

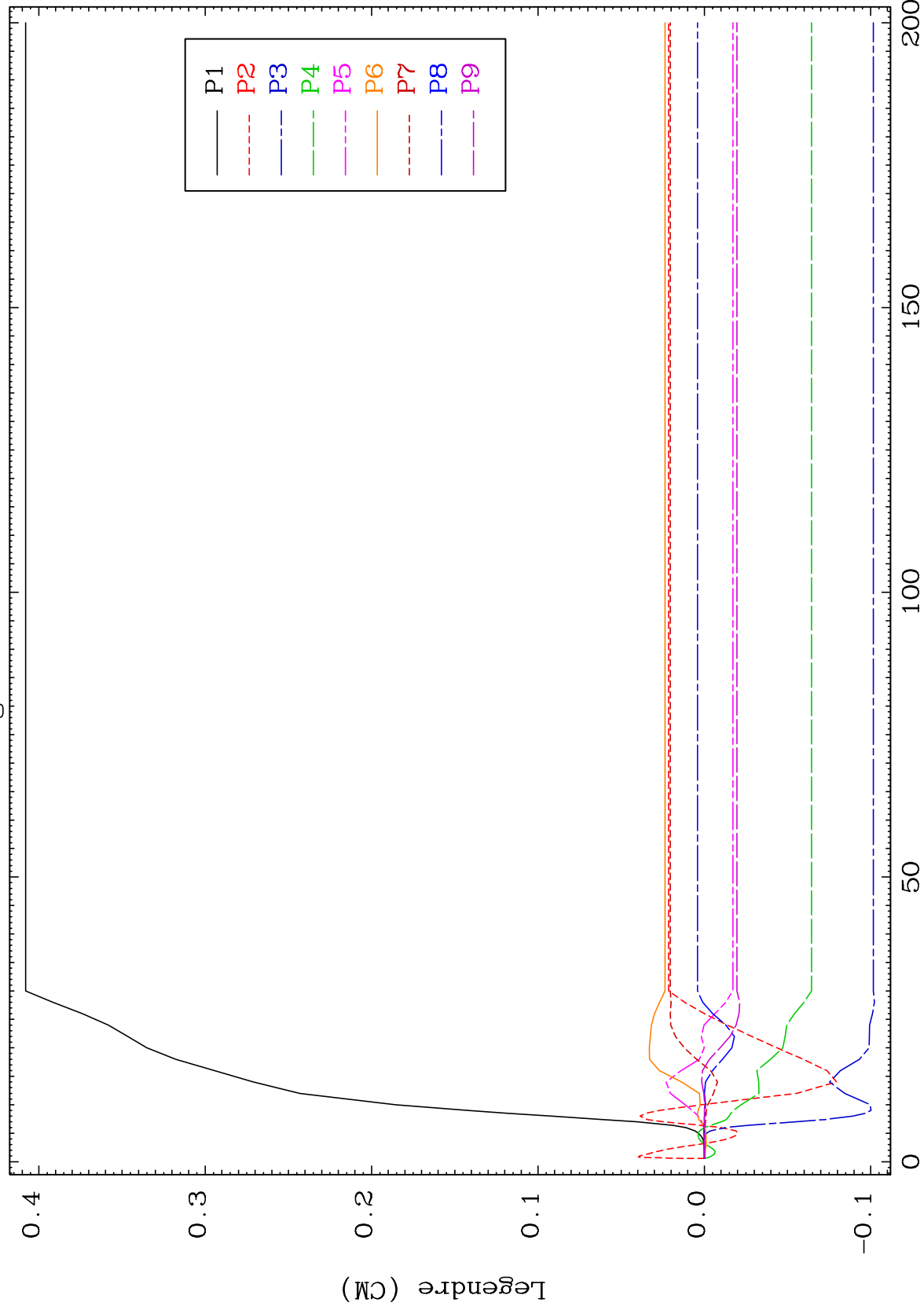
82-Pb-199



MAT 8210

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

82-Pb-199



116

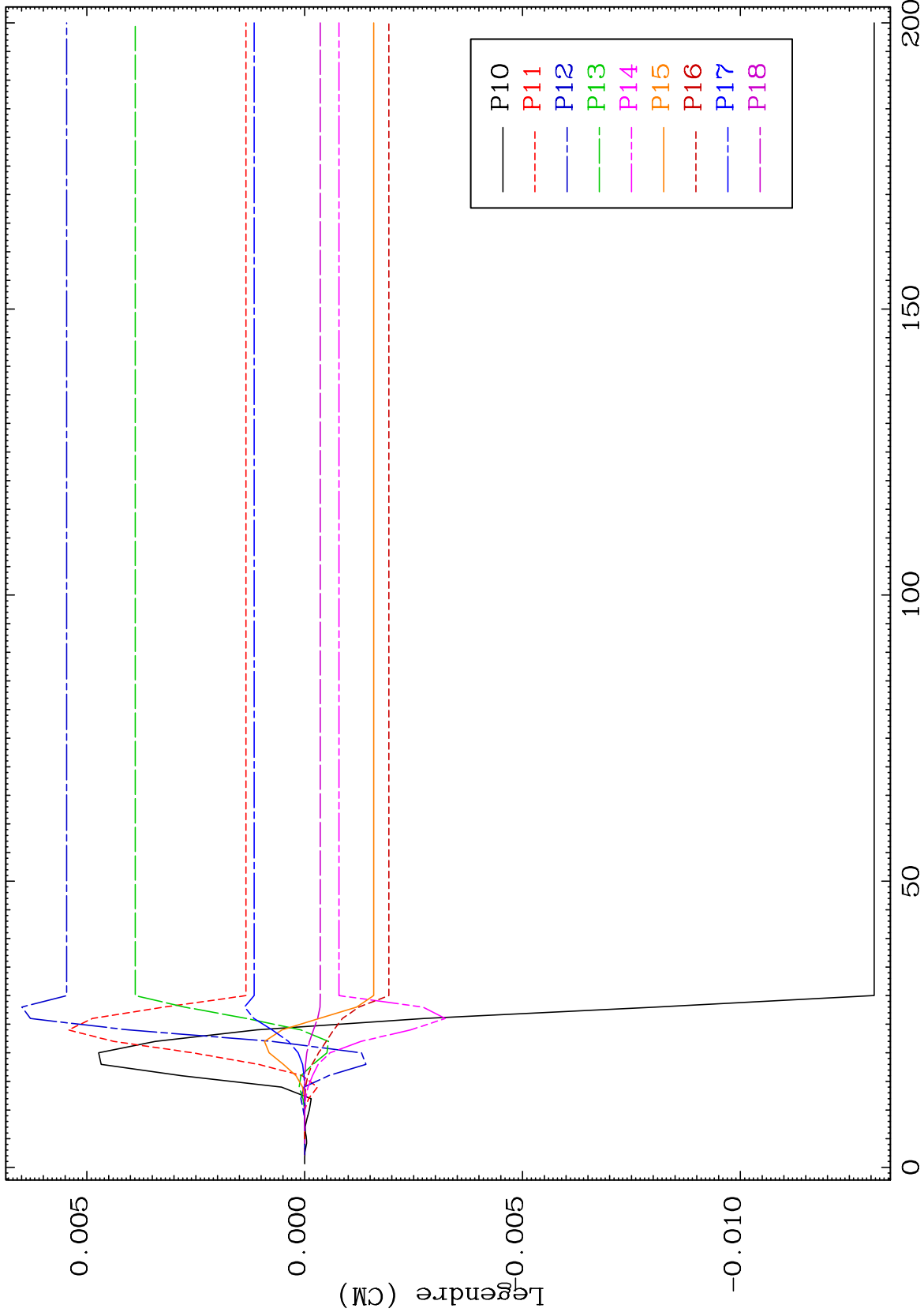
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199



117

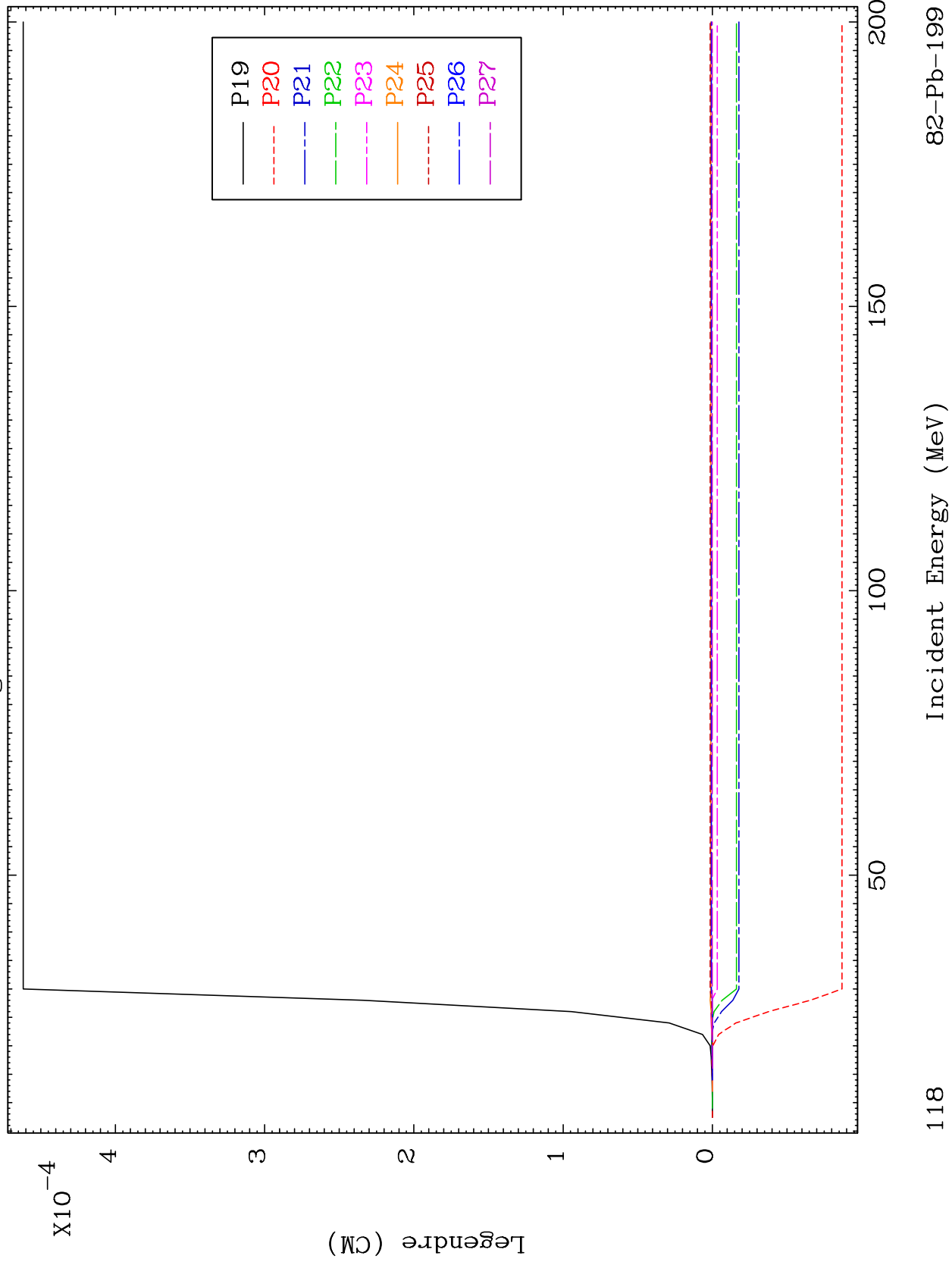
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

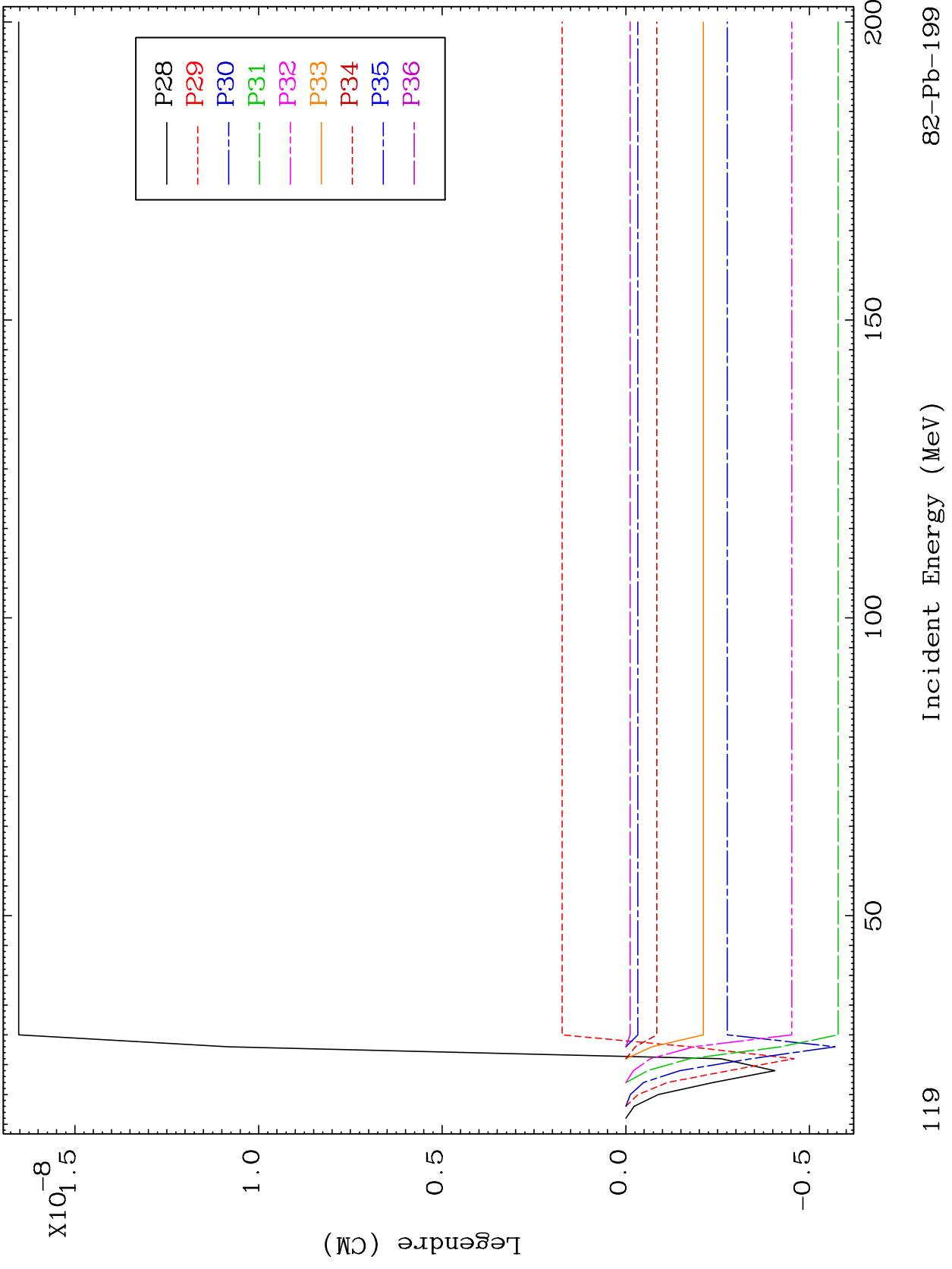
82-Pb-199



MAT 8210

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

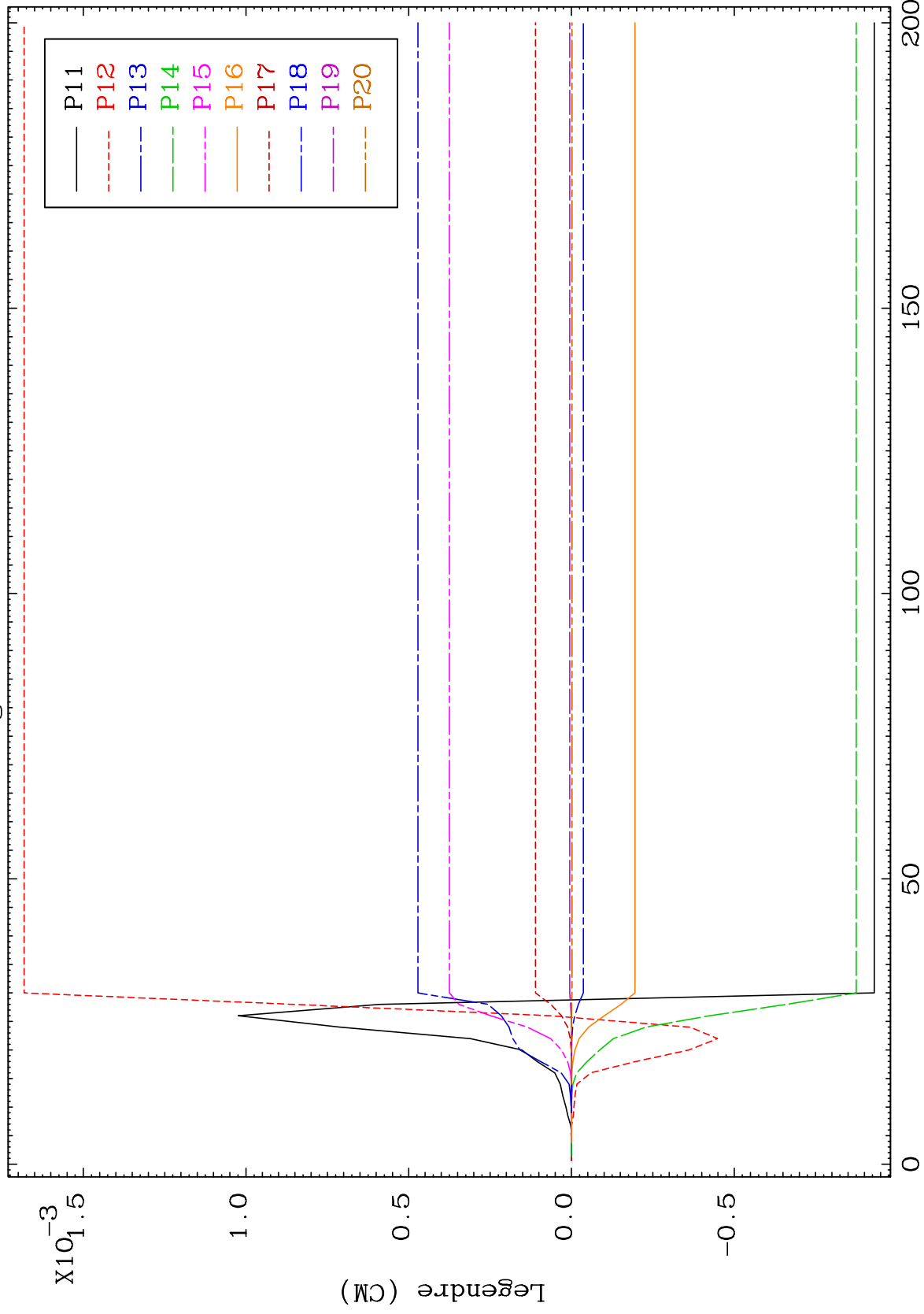
82-Pb-199



MAT 8210

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

82-Pb-199



121

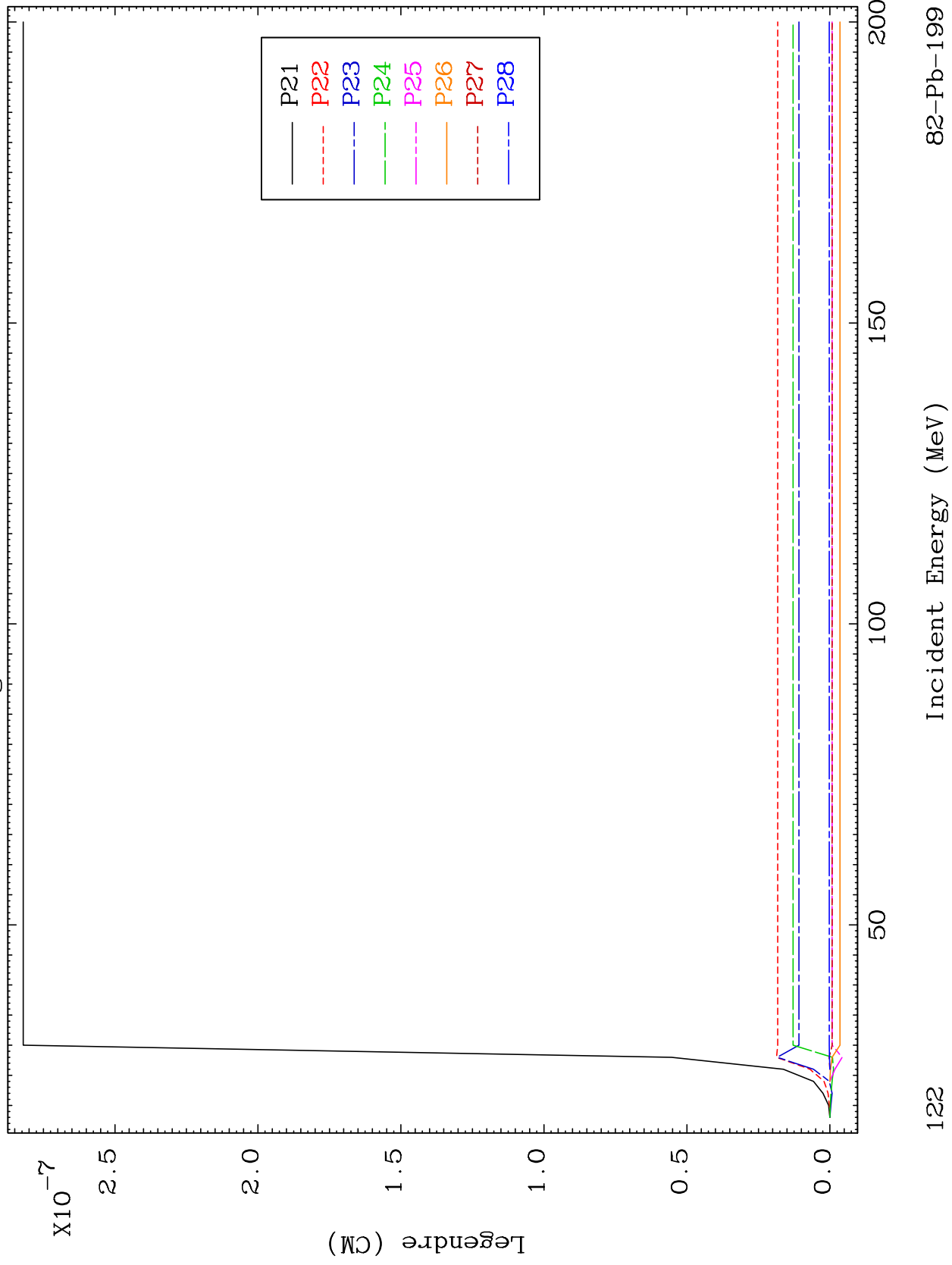
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199



122

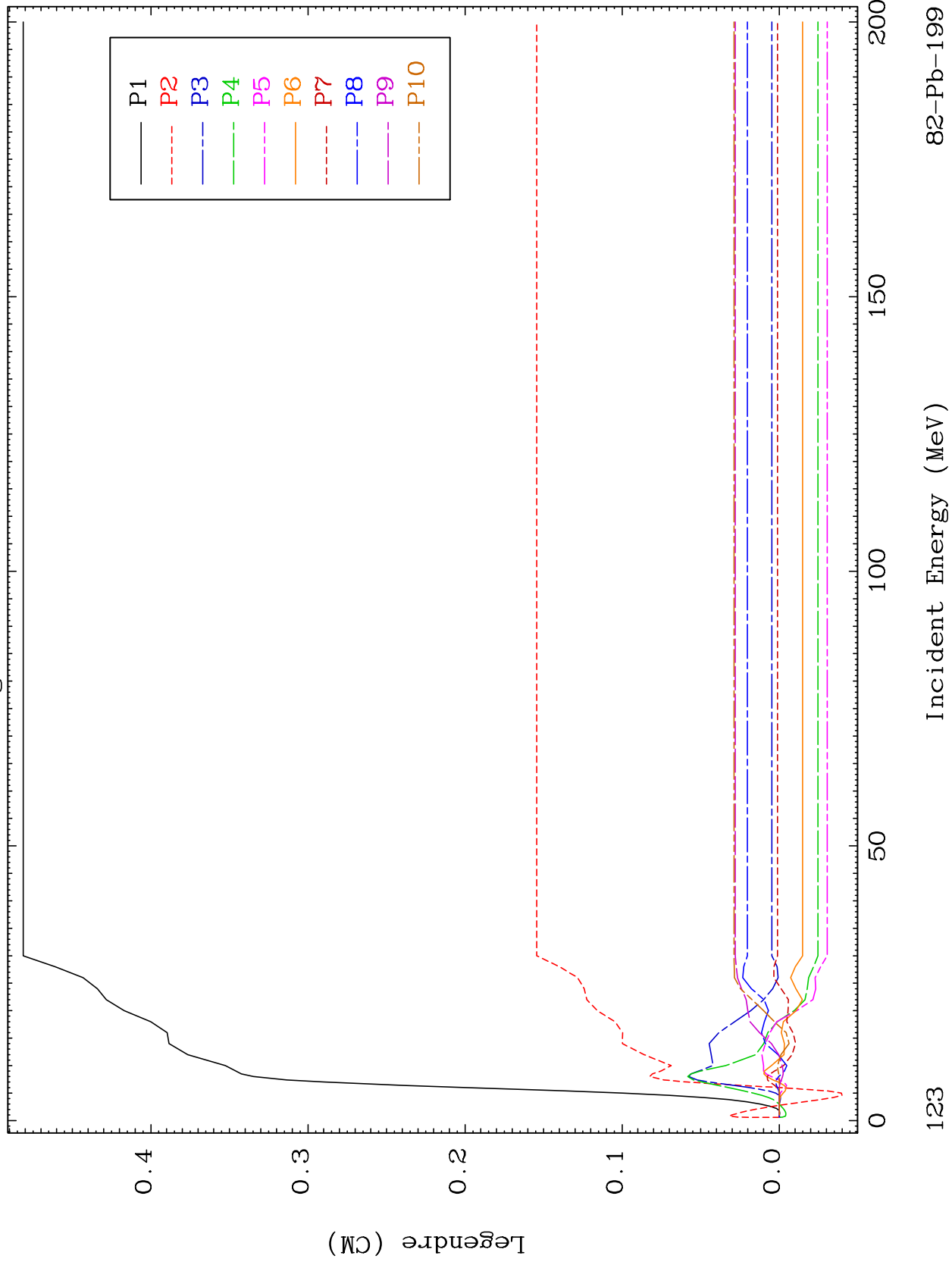
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

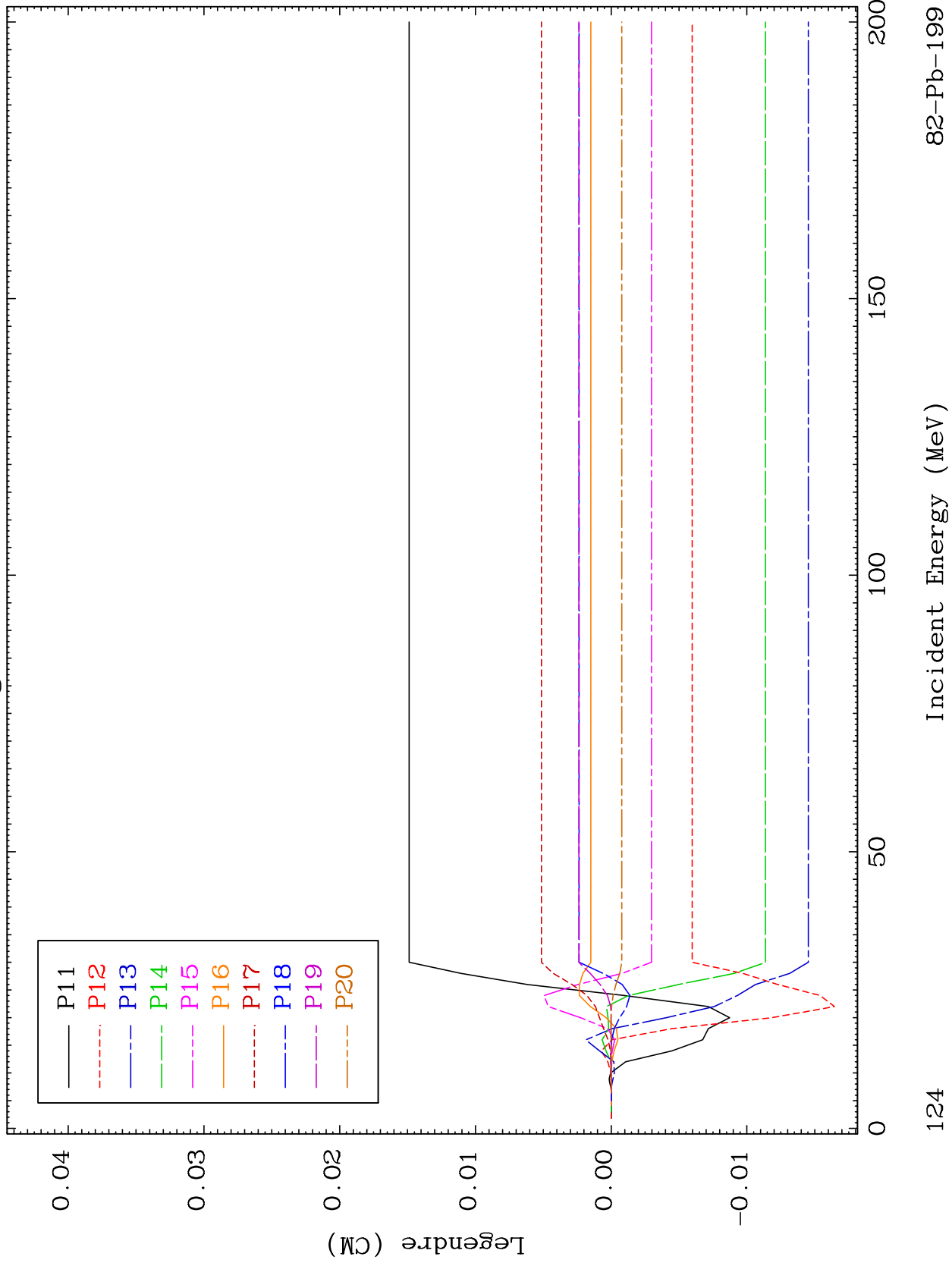
82-Pb-199



MAT 8210

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

82-Pb-199



124

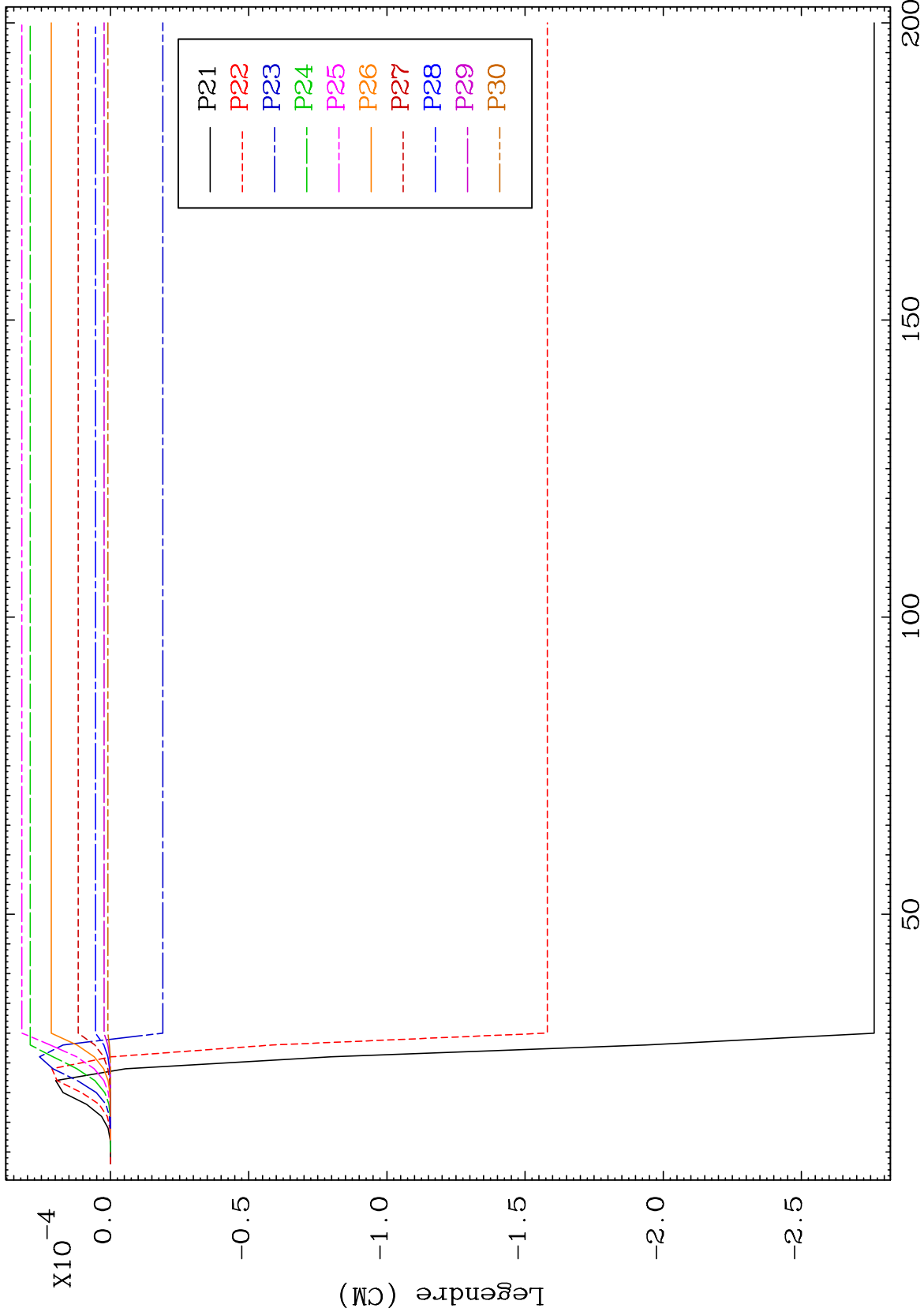
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199



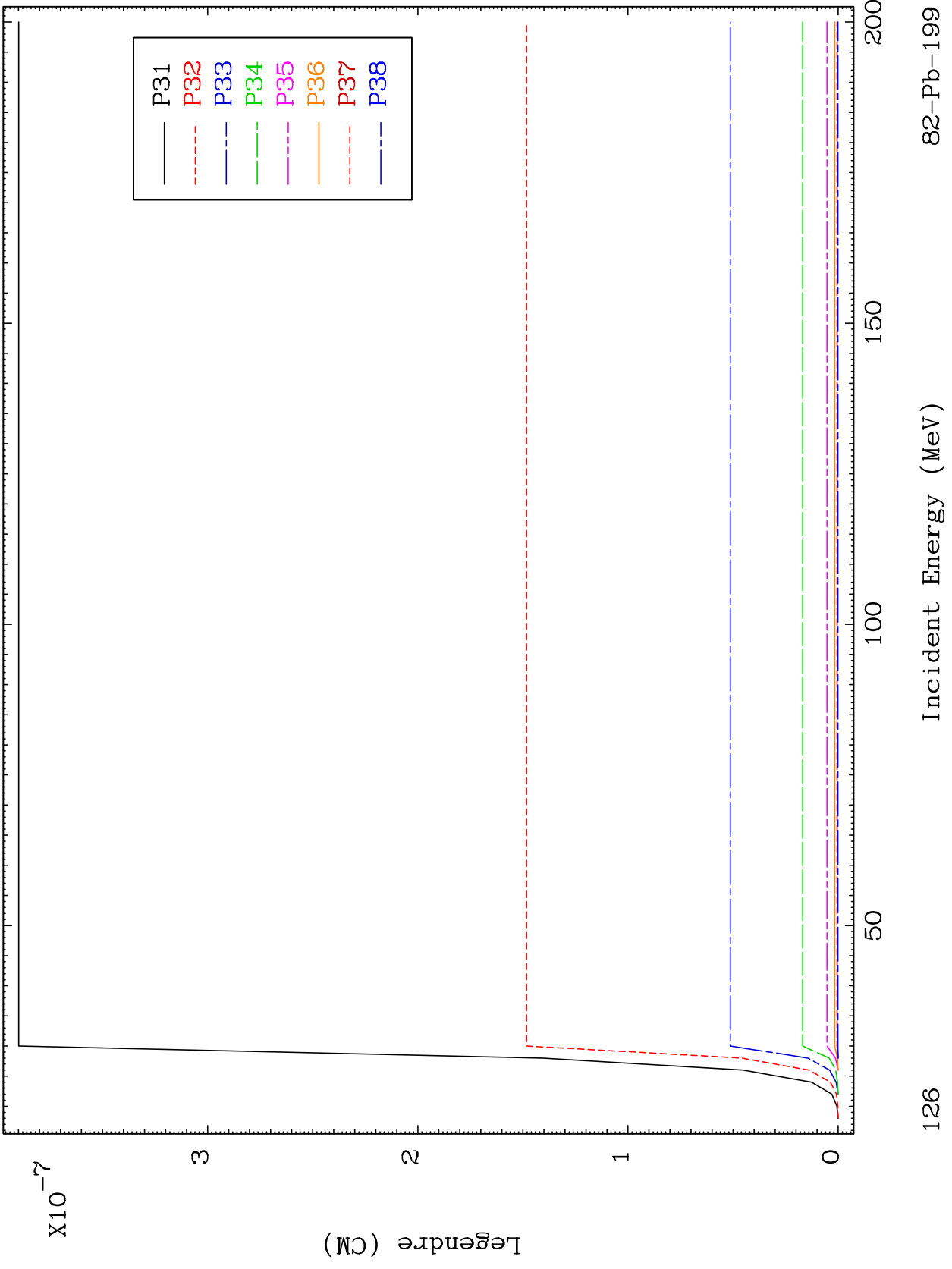
125

82-Pb-199

MAT 8210

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

82-Pb-199



126

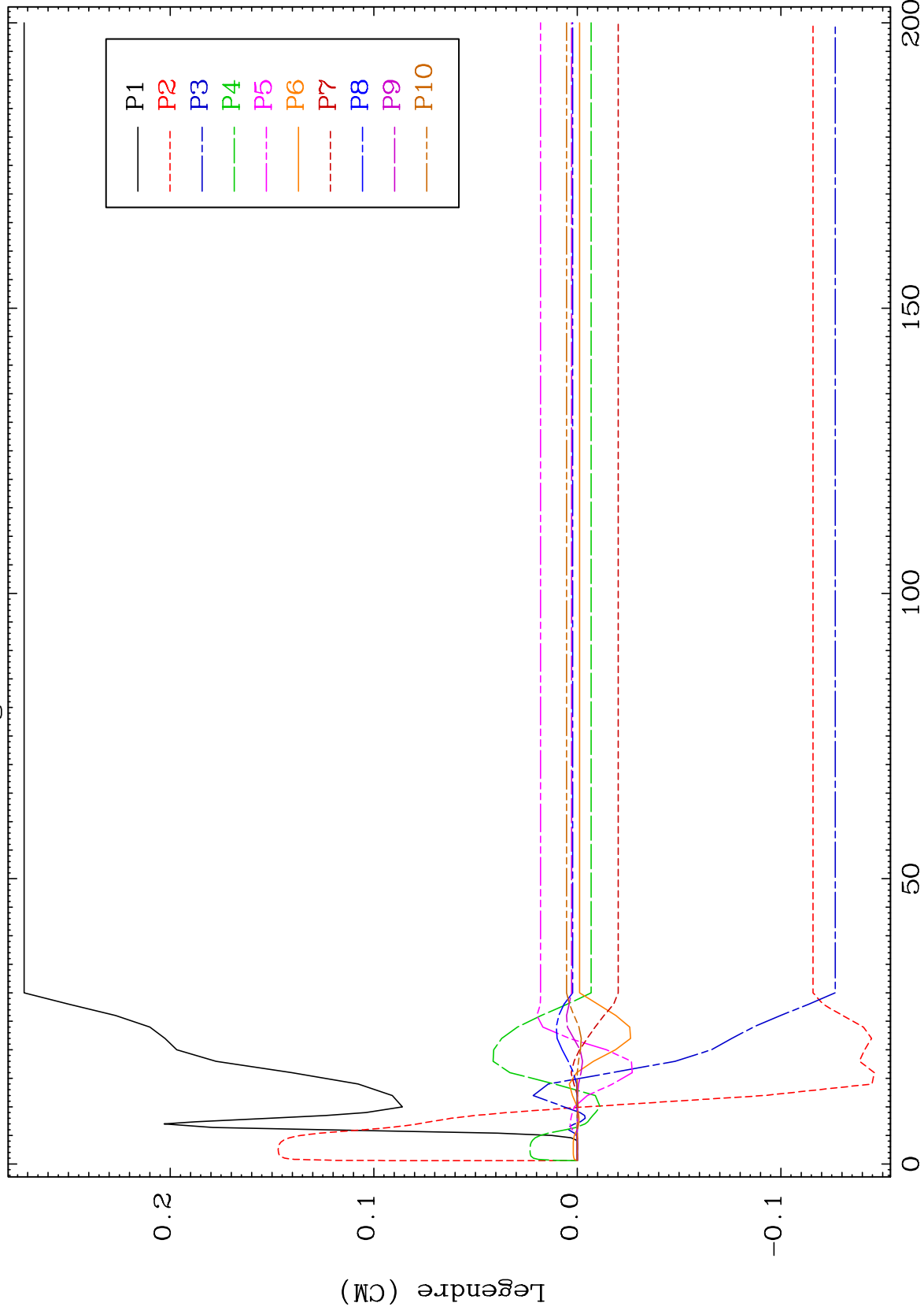
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199



127

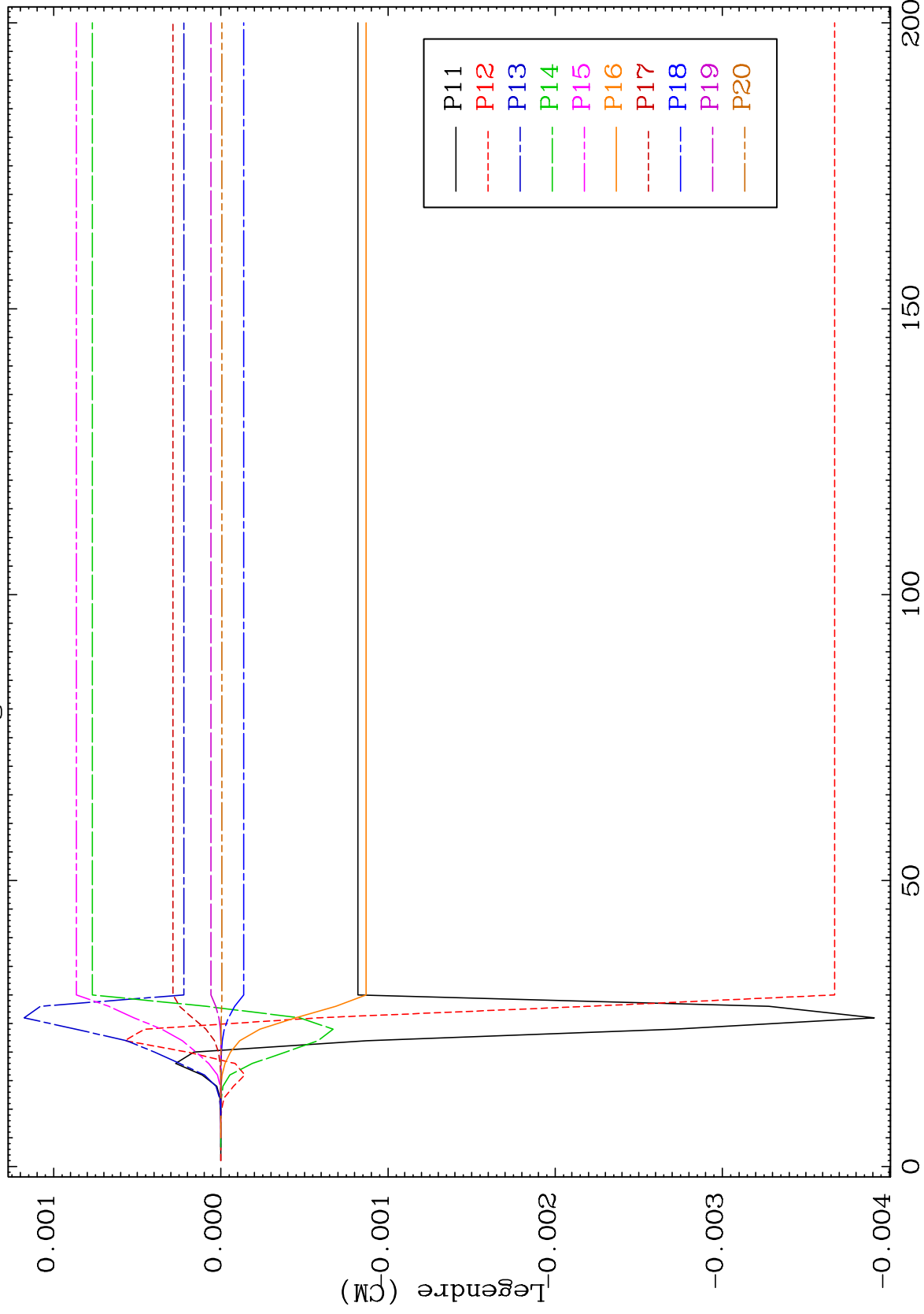
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

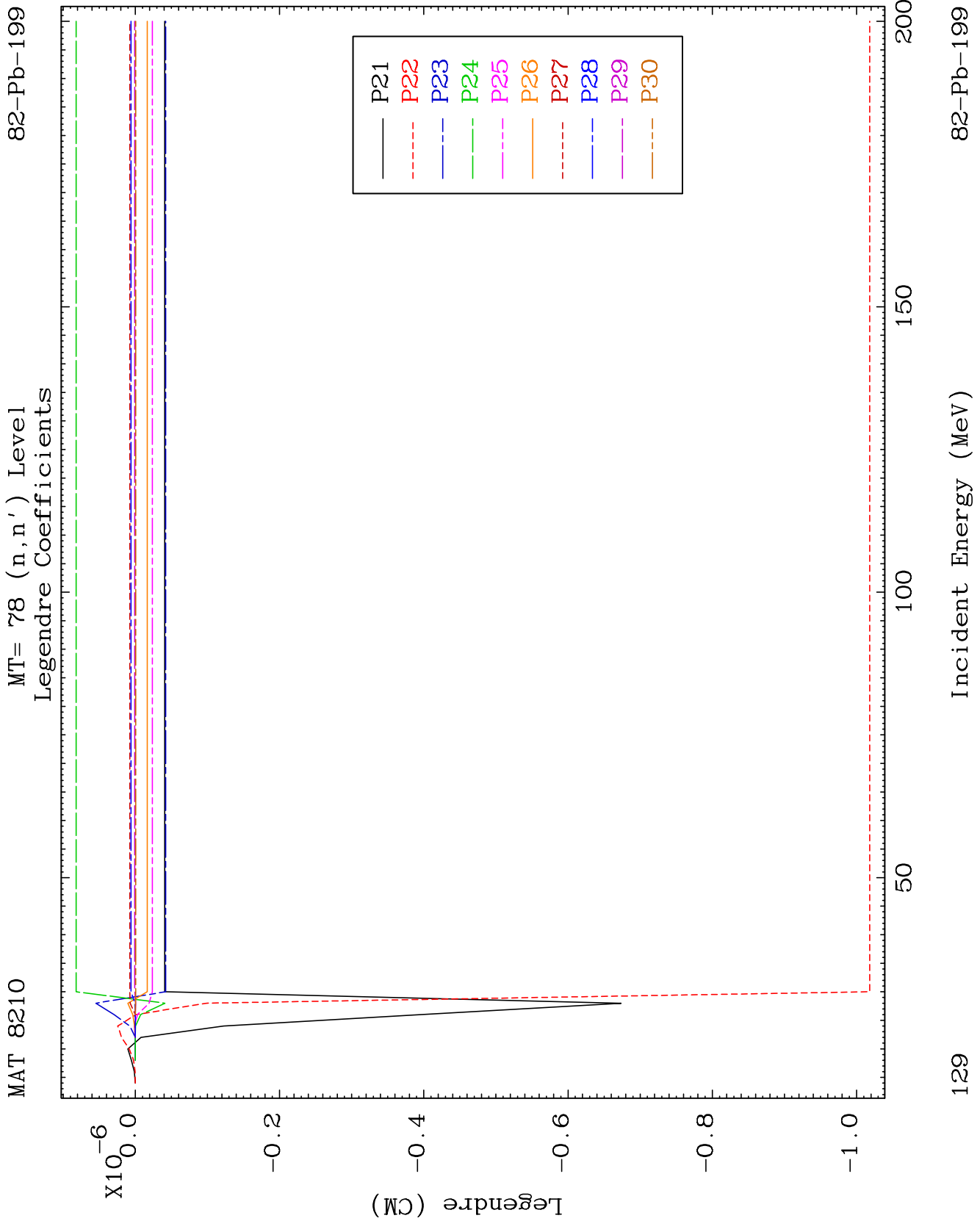
82-Pb-199

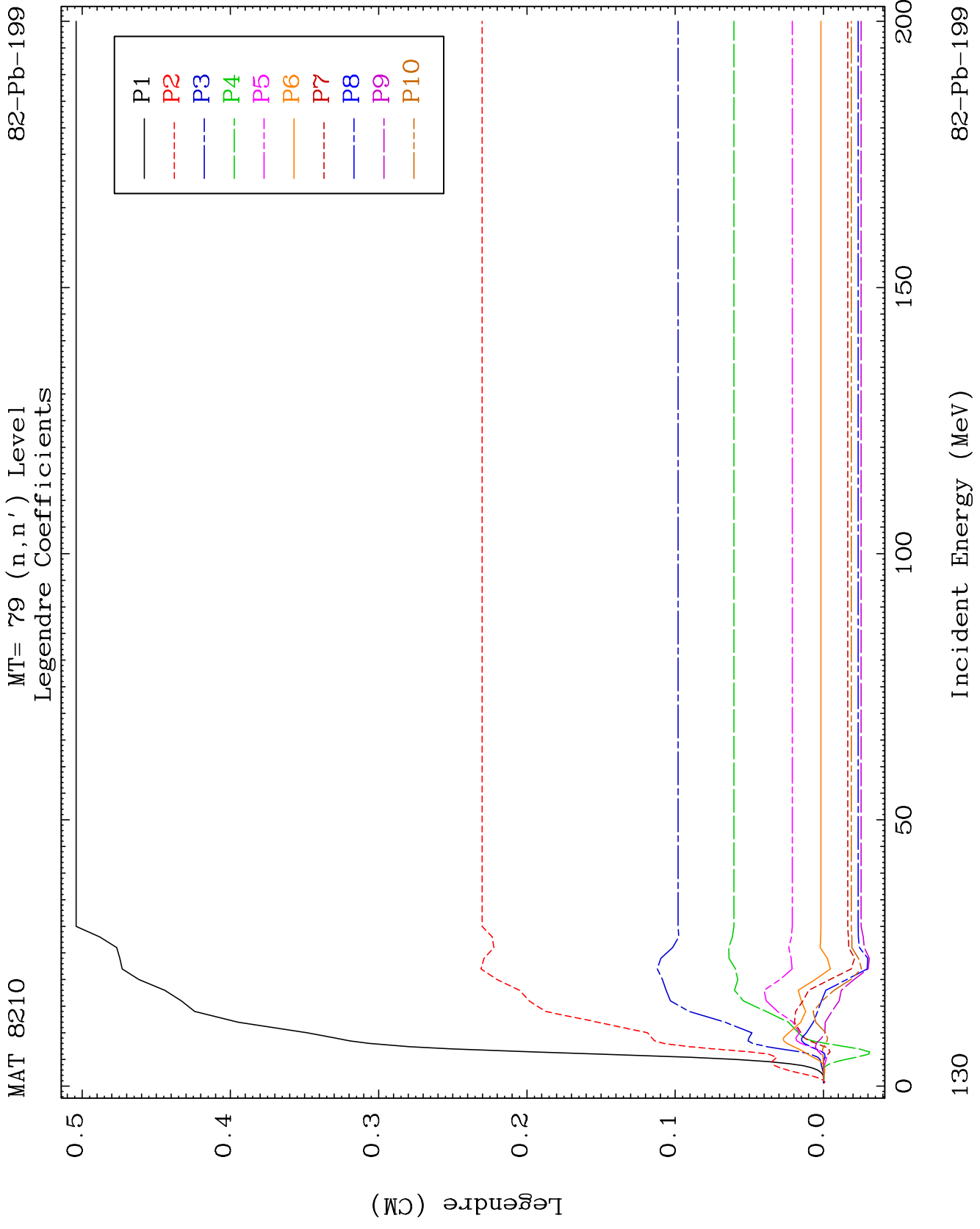


128

Incident Energy (MeV)

82-Pb-199

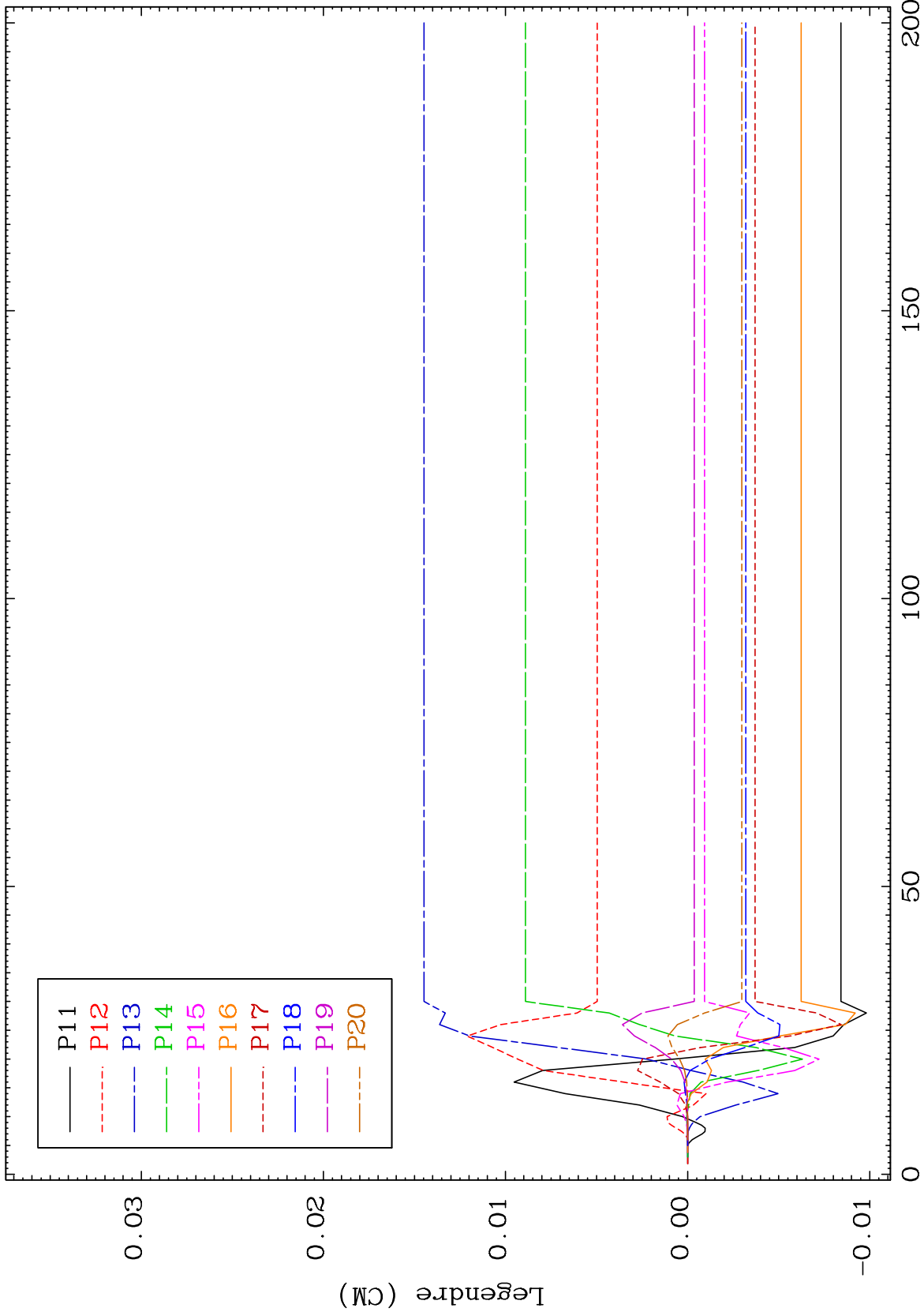




MAT 8210

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

82-Pb-199



131

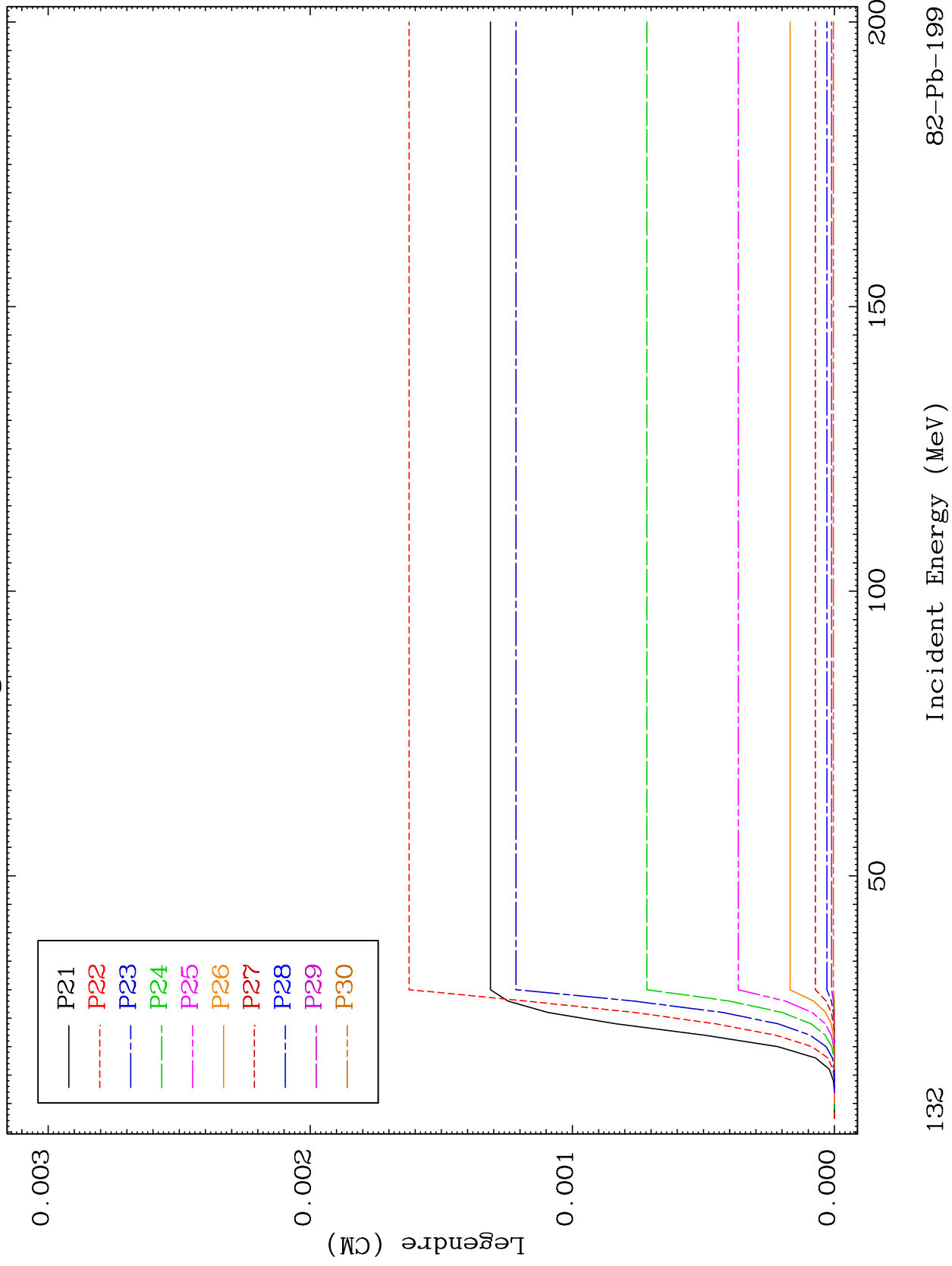
Incident Energy (MeV)

82-Pb-199

MAT 8210

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

82-Pb-199



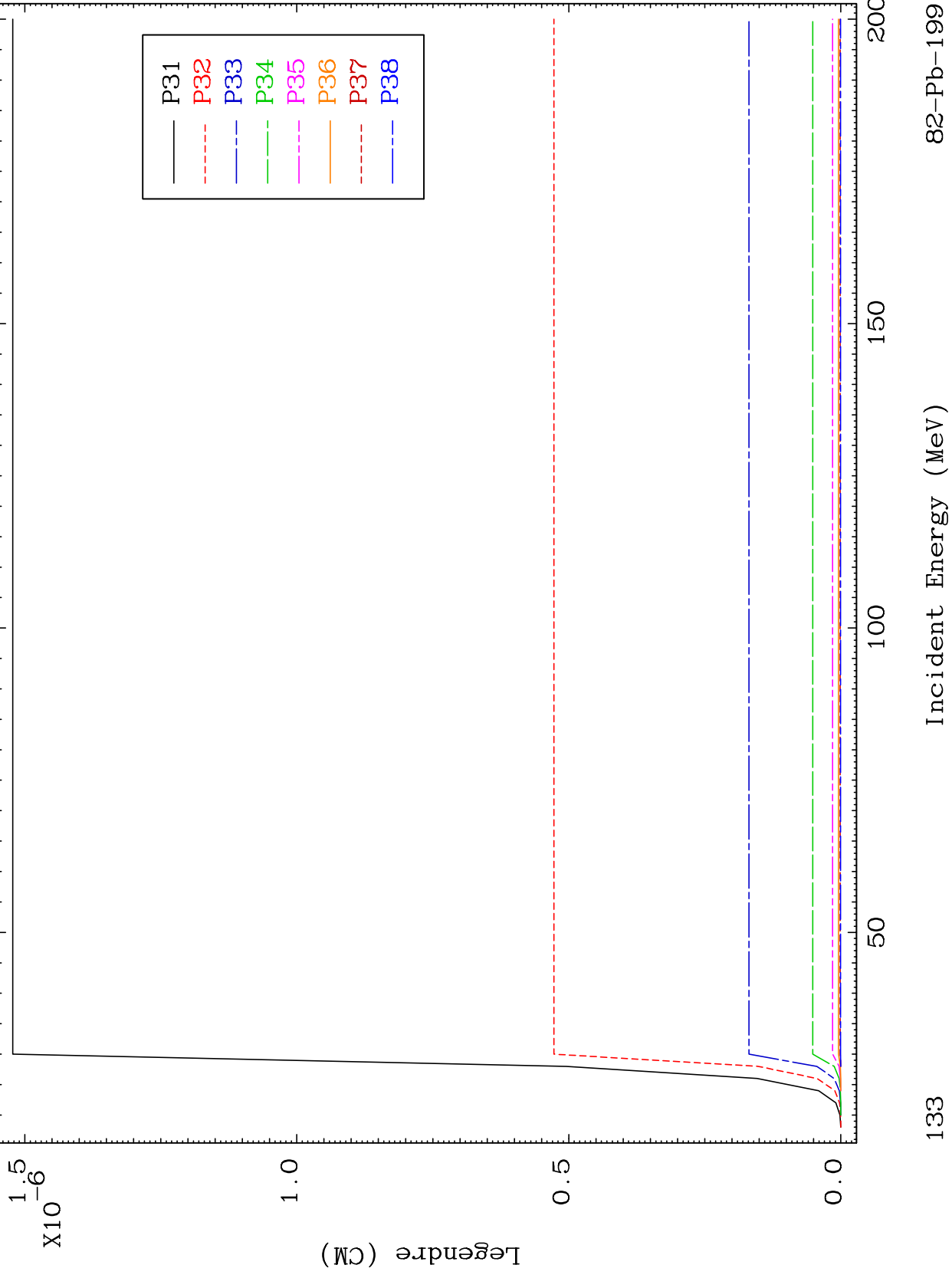
132

82-Pb-199

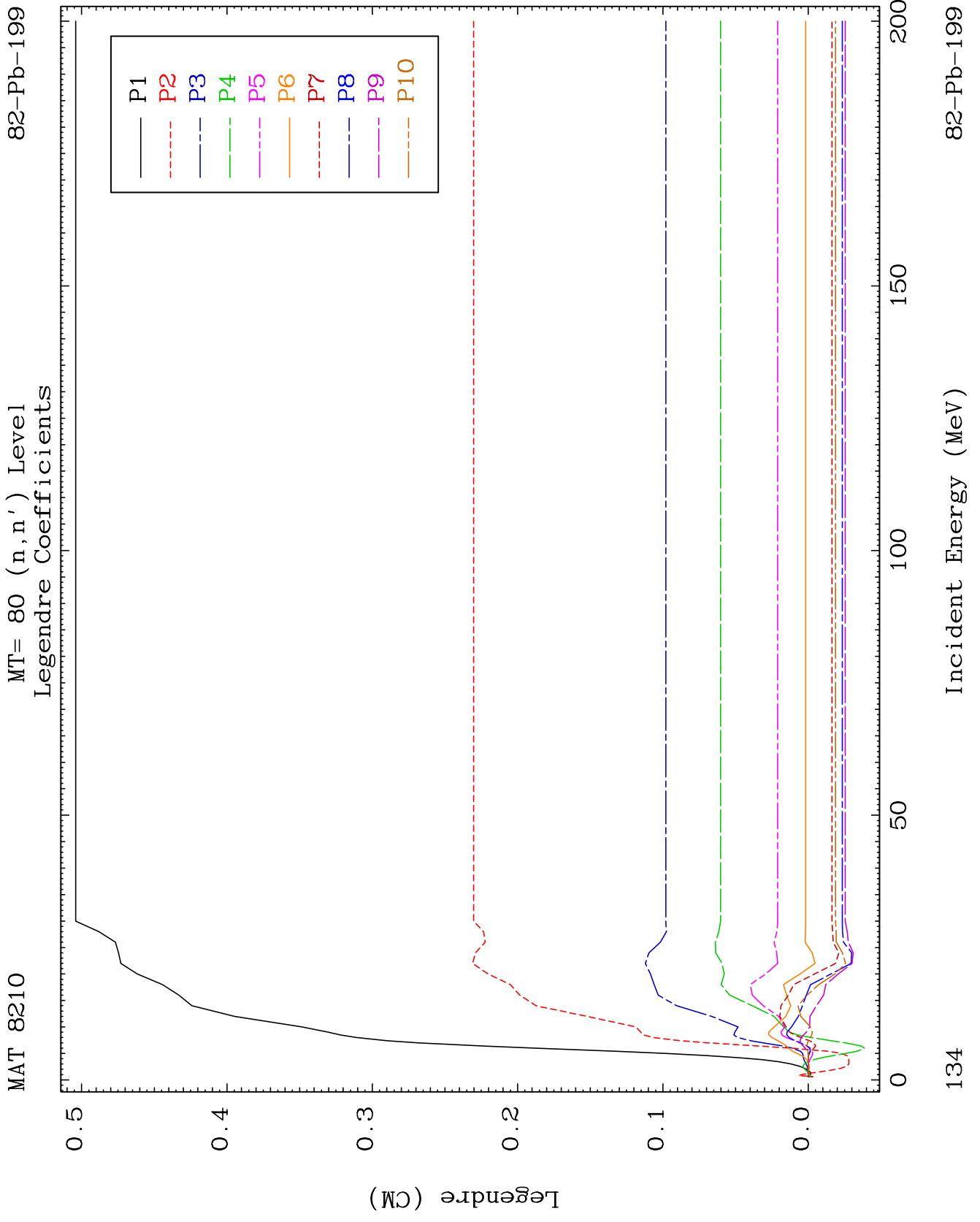
MAT 8210

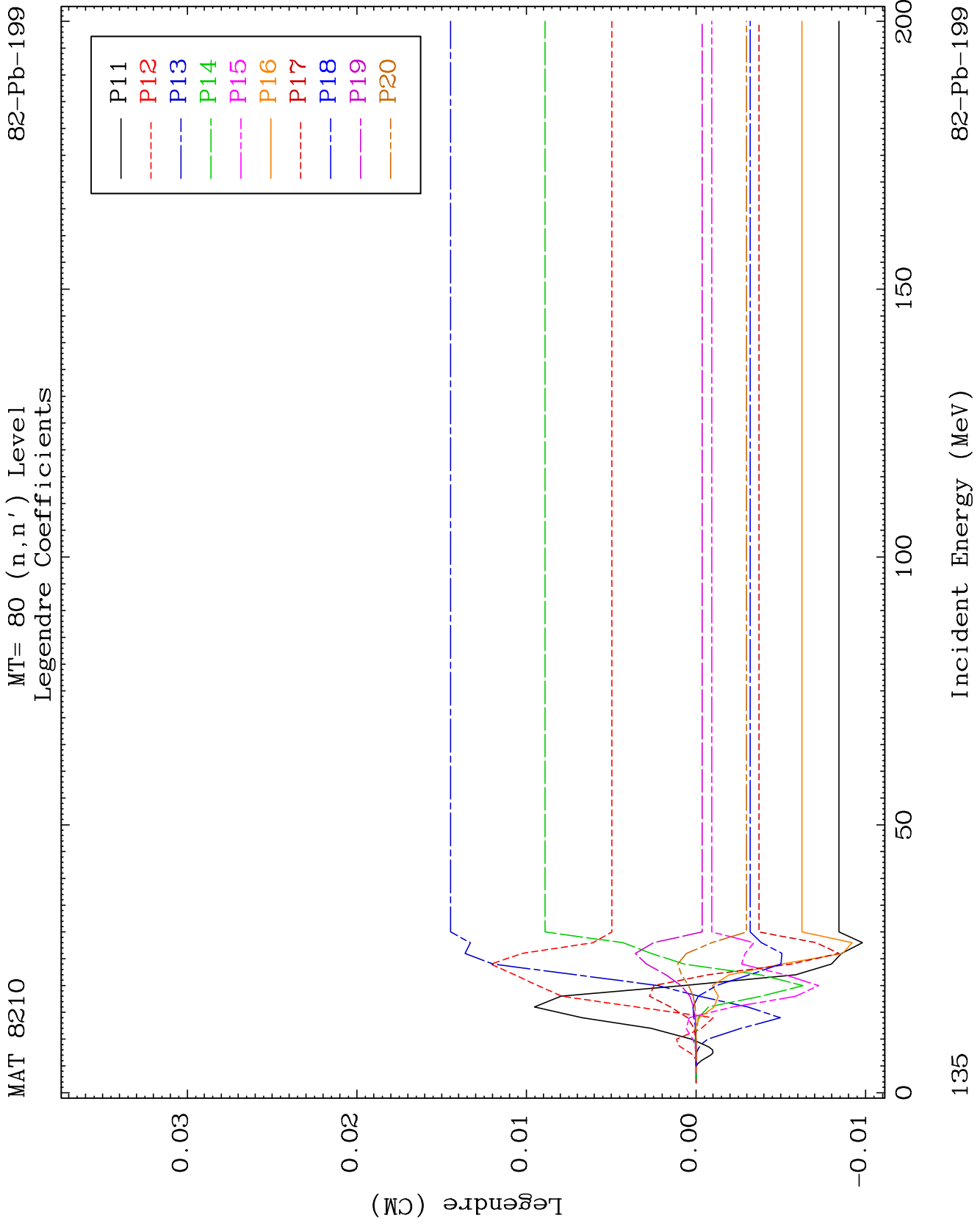
MT= 79 (n,n') Level
Legendre Coefficients

82-Pb-199



133

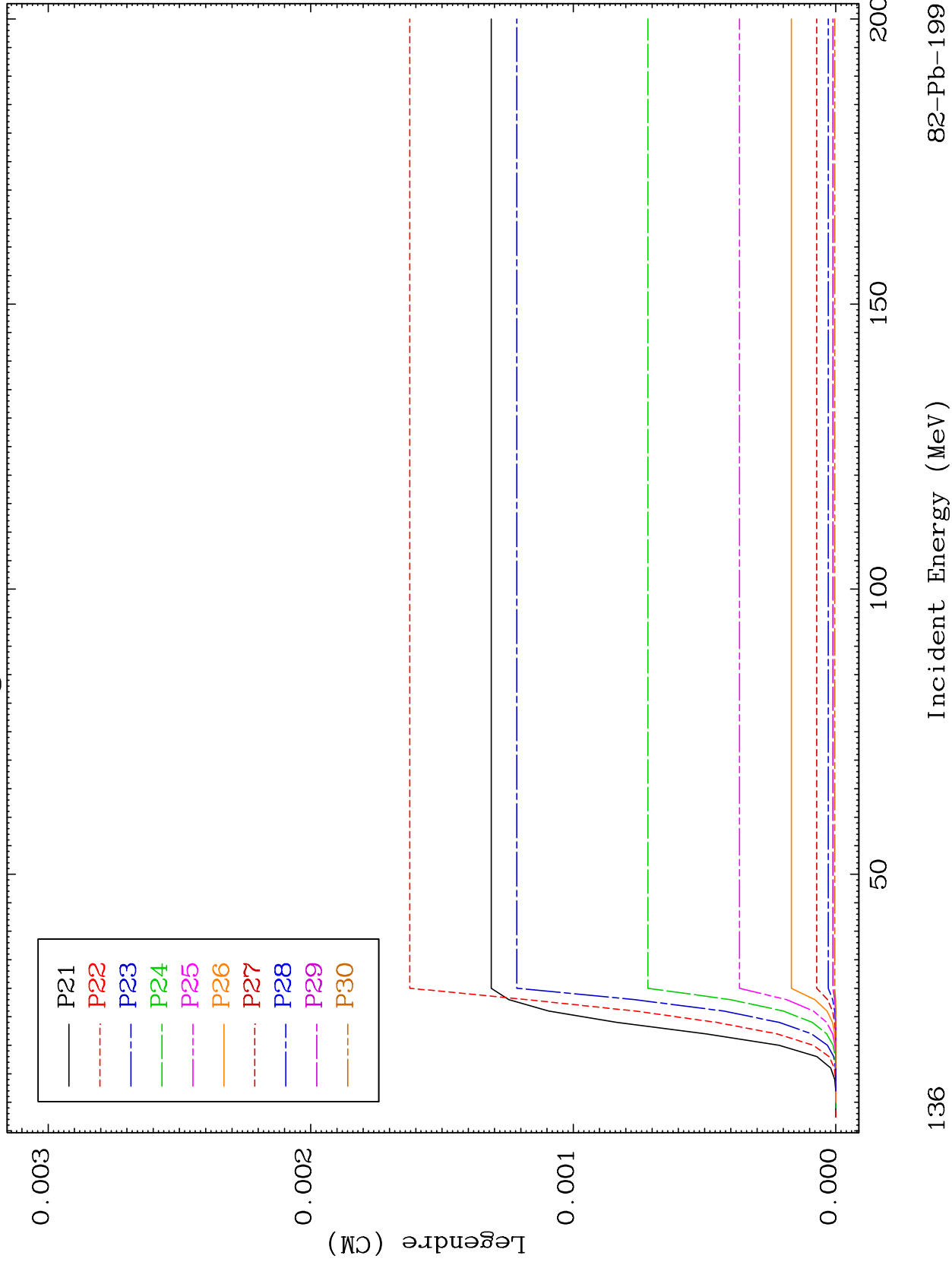




MAT 8210

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

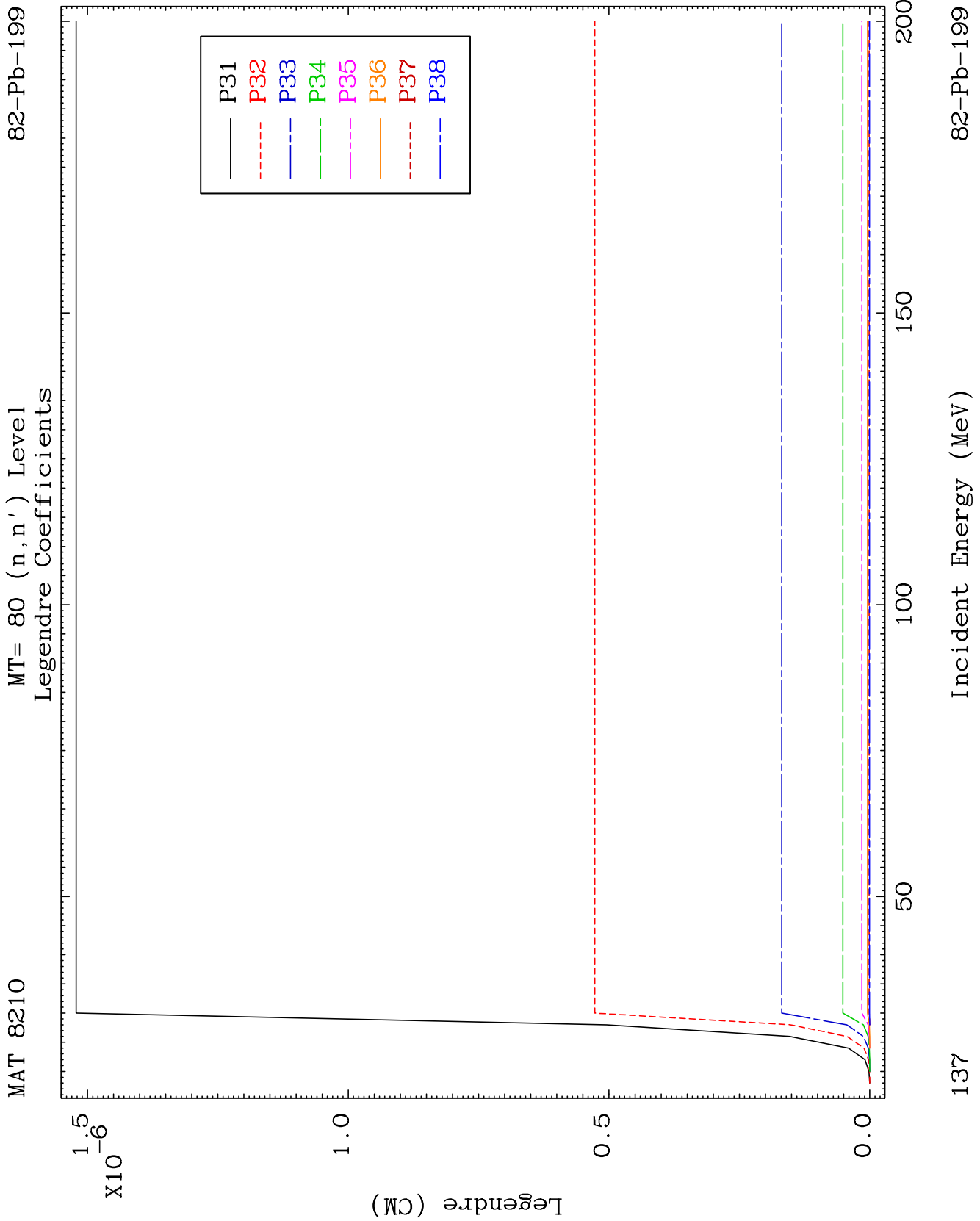
82-Pb-199



136

Incident Energy (MeV)

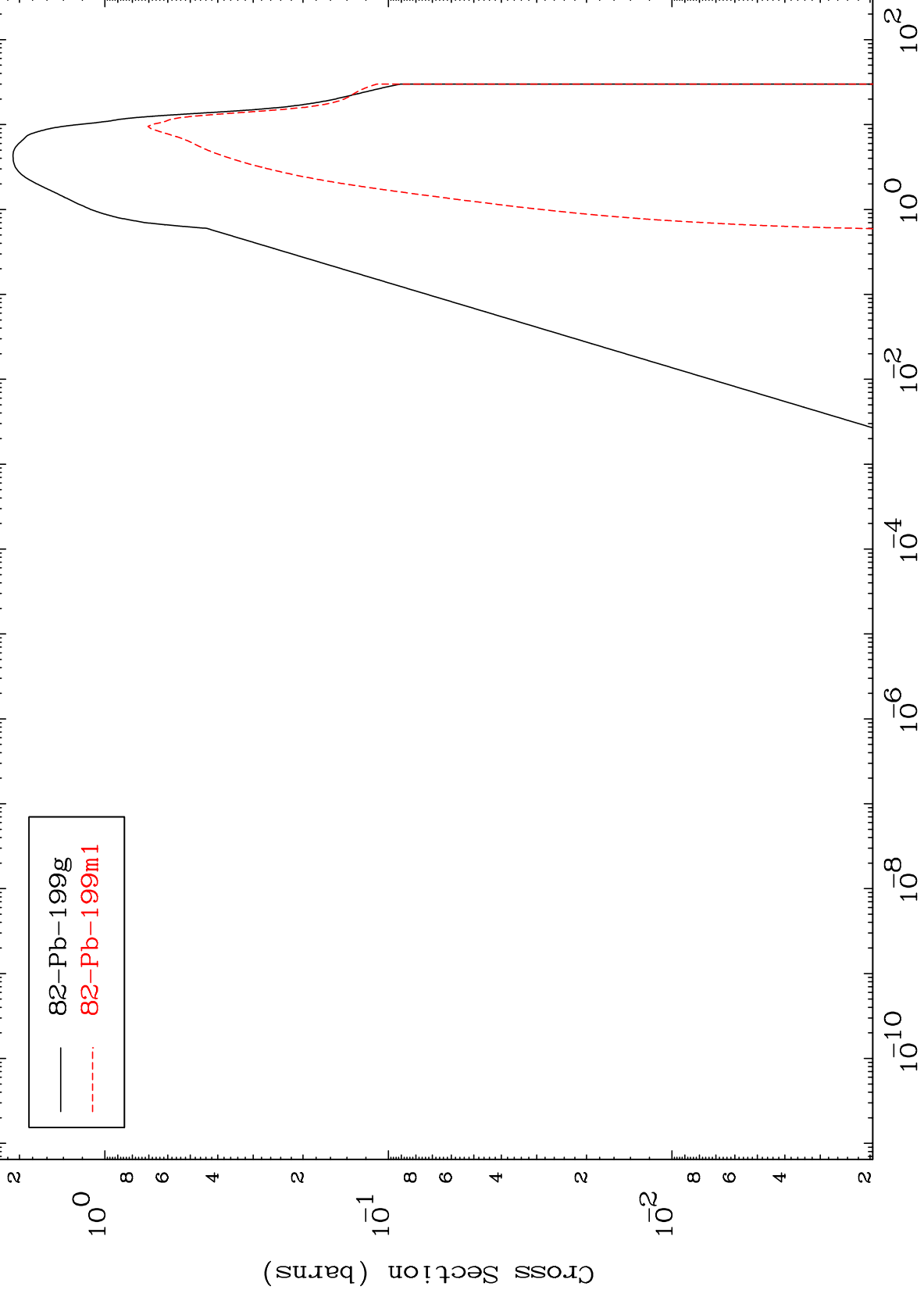
82-Pb-199



MAT 8210

Inelastic
Radionuclide Production Cross Section

82-Pb-199



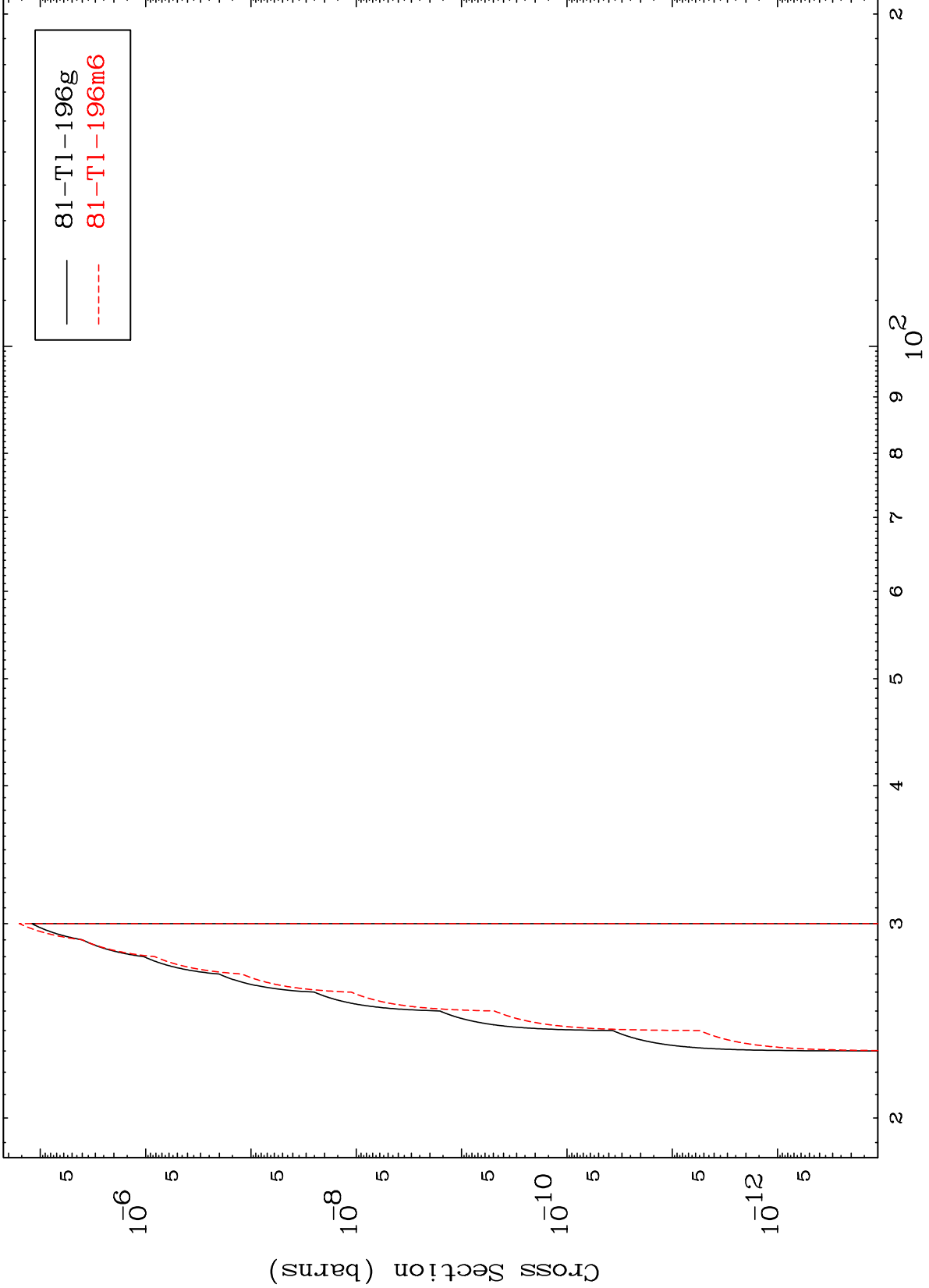
82-Pb-199

MAT 8210

(n,2n) d

82-Pb-199

Radionuclide Production Cross Section



81-Tl-196g
81-Tl-196m6

139

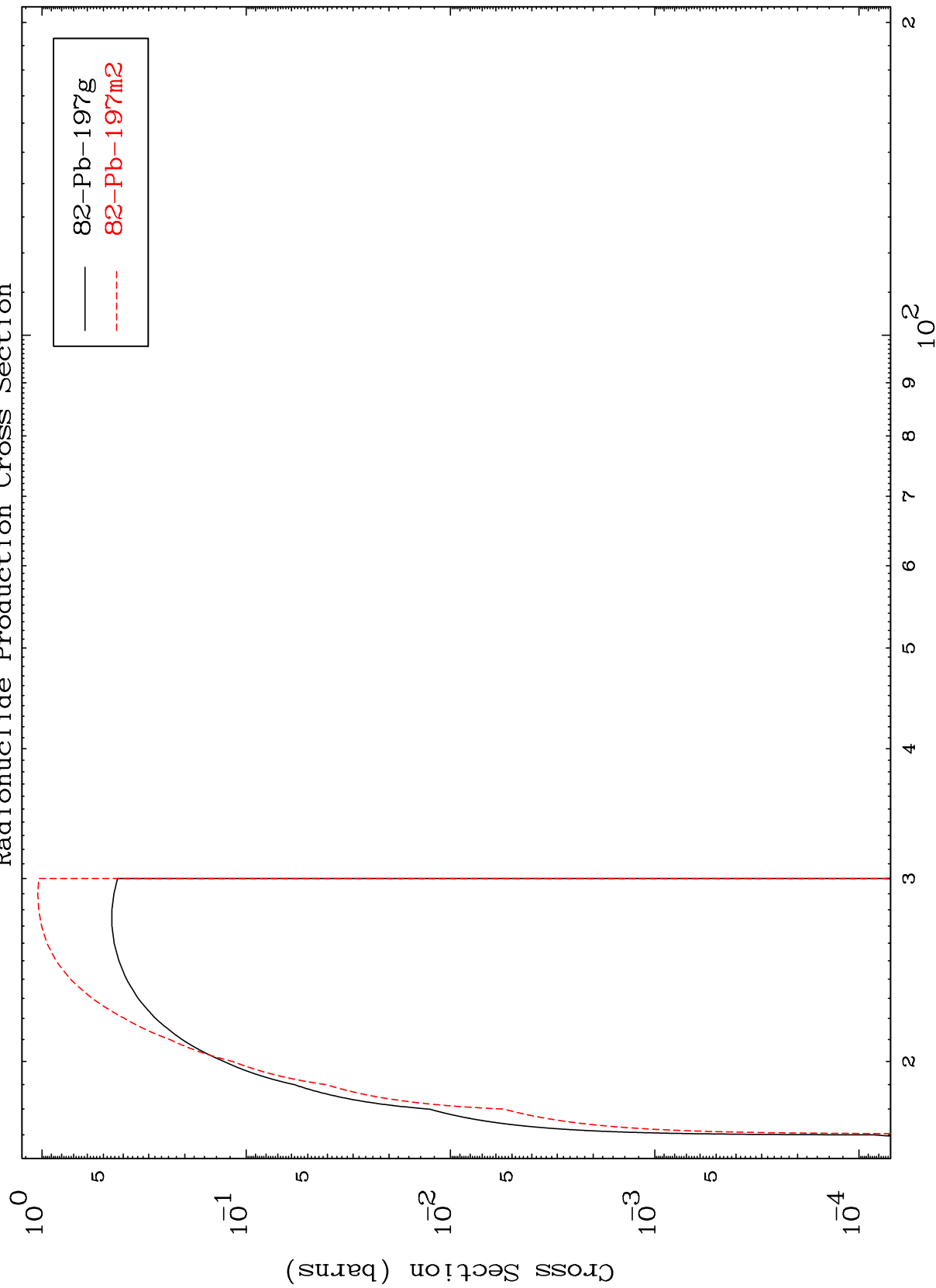
Incident Energy (MeV)

82-Pb-199

MAT 8210

82-Pb-199

(n,3n)
Radionuclide Production Cross Section



140

Incident Energy (MeV)

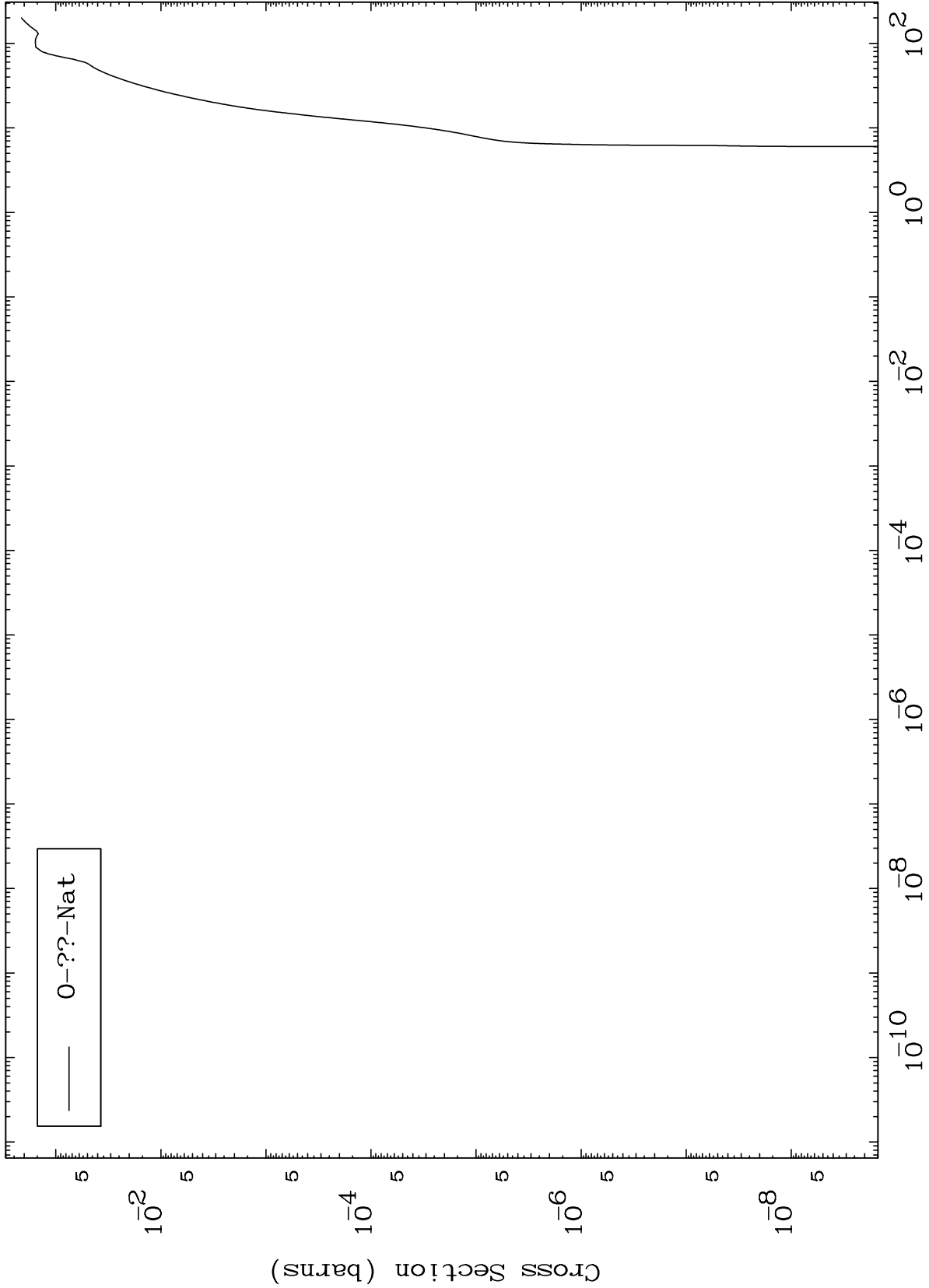
82-Pb-199

MAT 8210

Fission

82-Pb-199

Radionuclide Production Cross Section



141

Incident Energy (MeV)

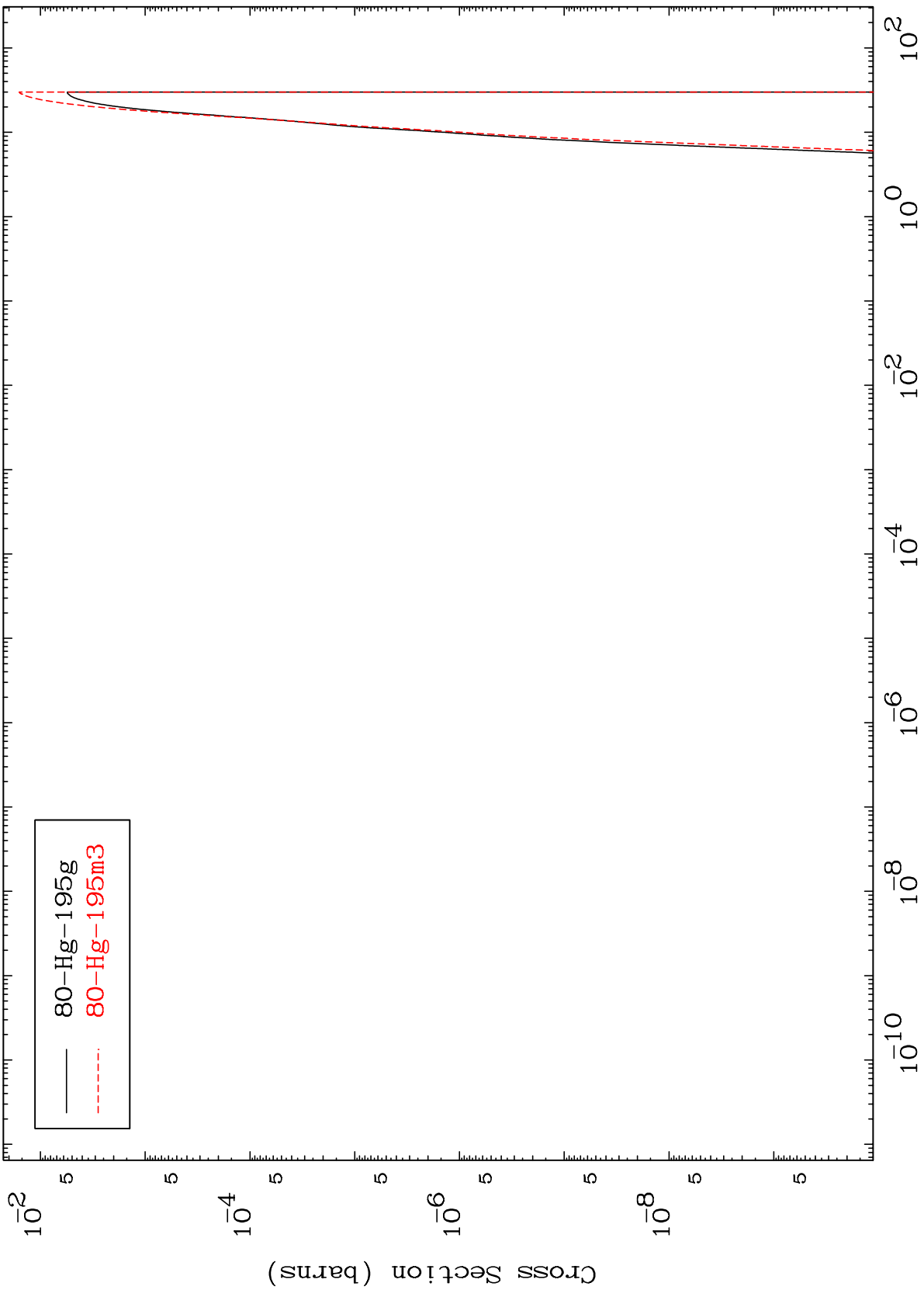
82-Pb-199

MAT 8210

$(n, n') \alpha$

82-Pb-199

Radionuclide Production Cross Section

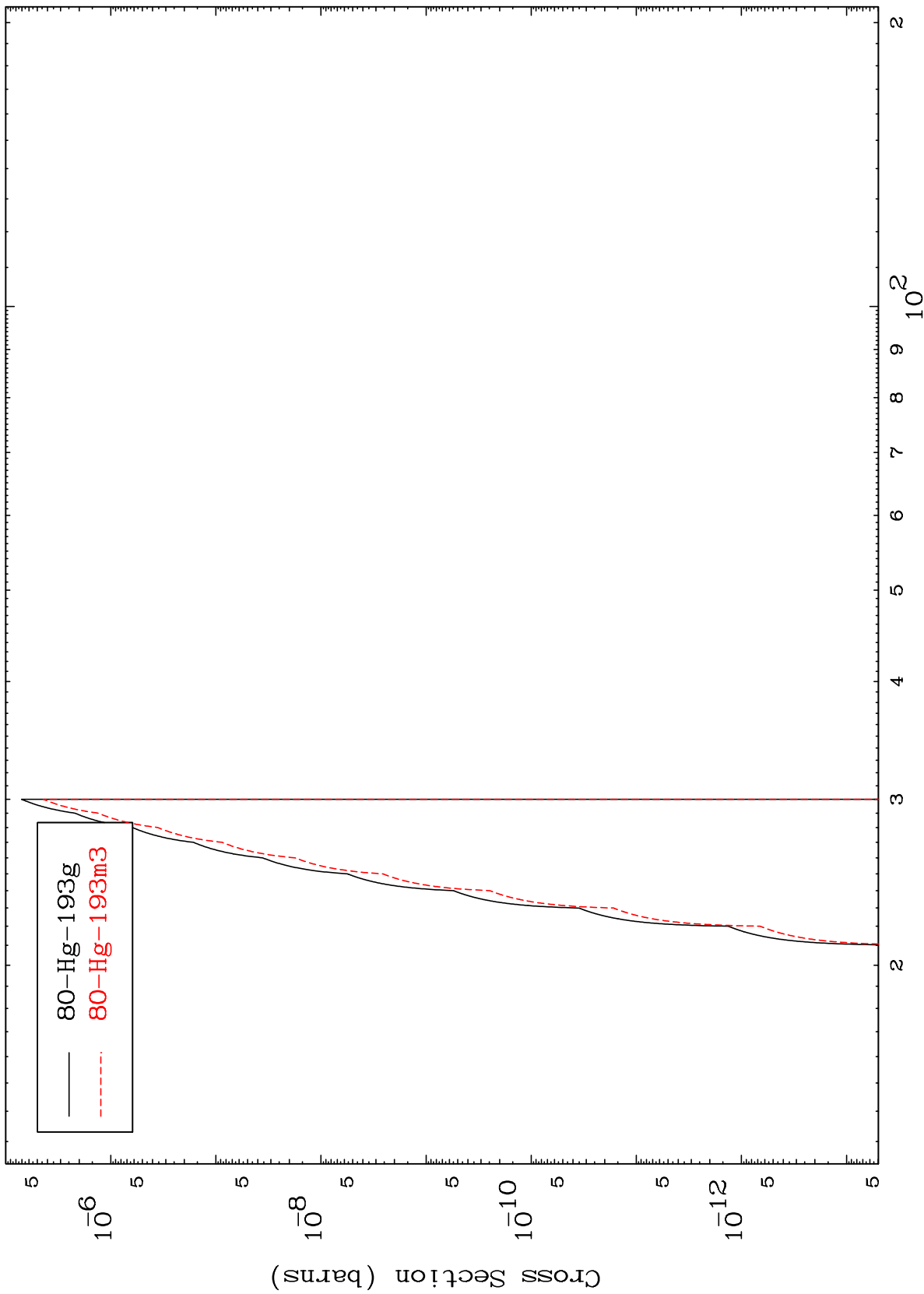


MAT 8210

(n,3n) α

82-Pb-199

Radionuclide Production Cross Section



143

Incident Energy (MeV)

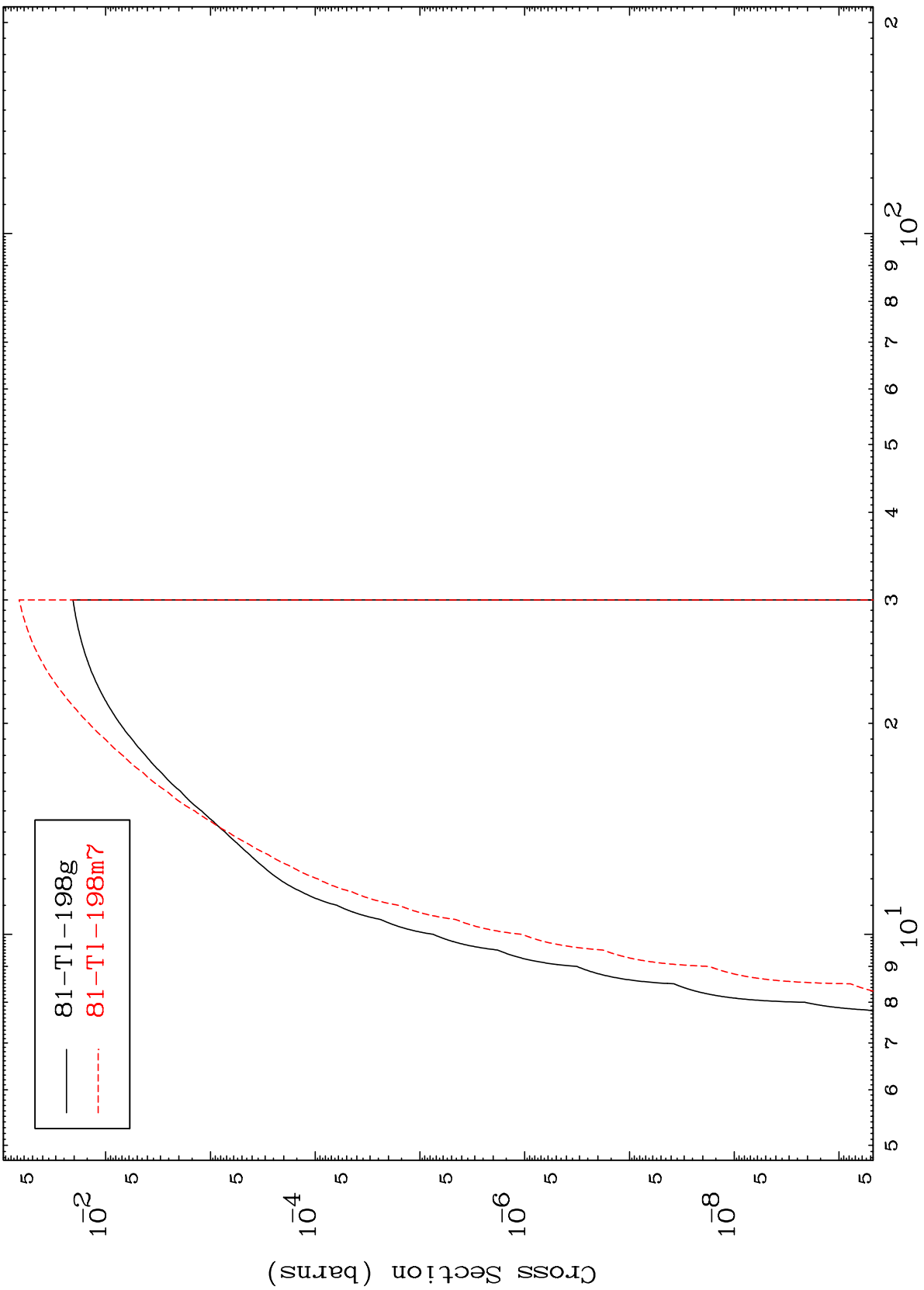
82-Pb-199

MAT 8210

(n,n') p

82-Pb-199

Radionuclide Production Cross Section



81-Tl-198g
81-Tl-198m7

144

Incident Energy (MeV)

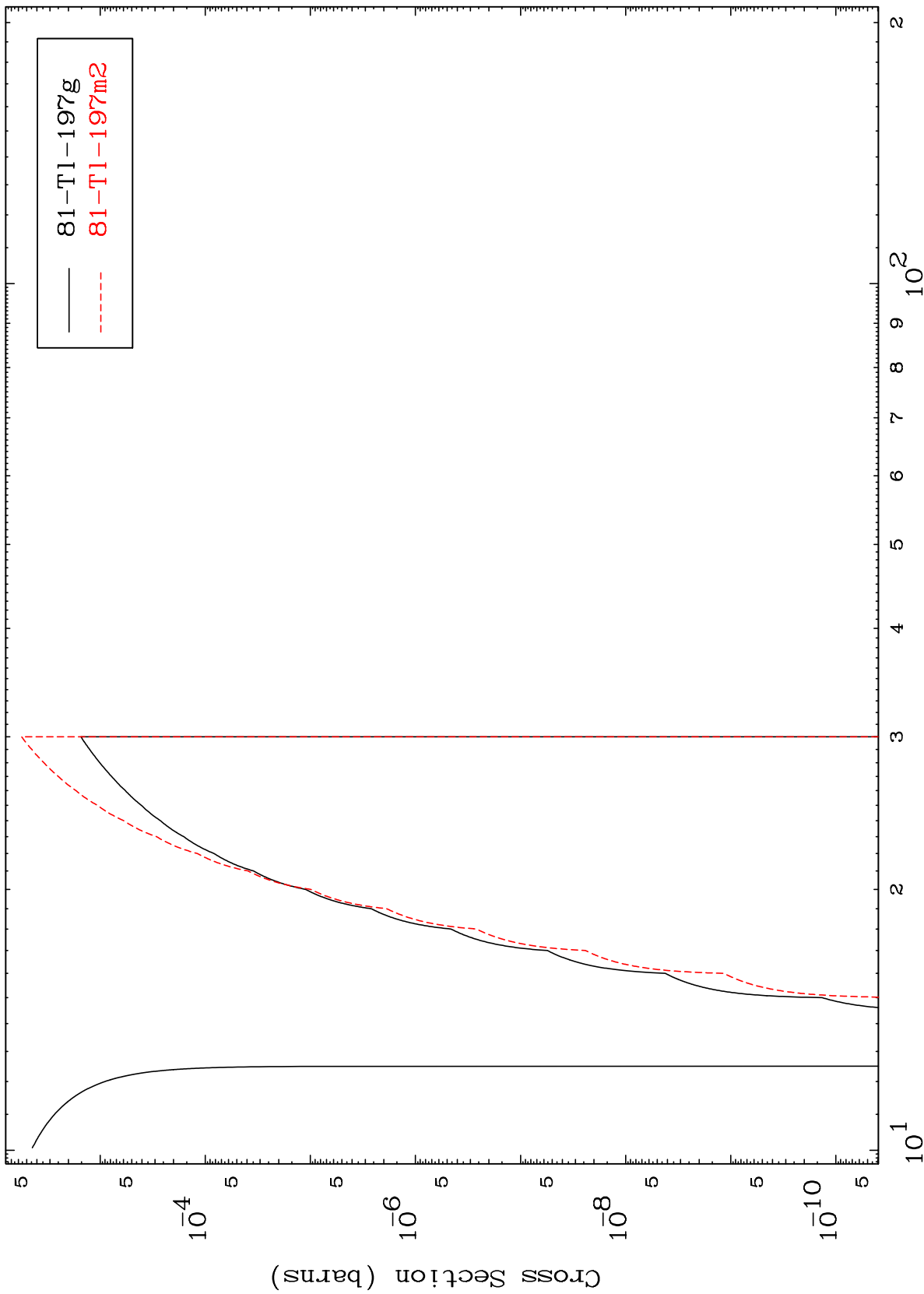
82-Pb-199

MAT 8210

(n,n') d

82-Pb-199

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-199

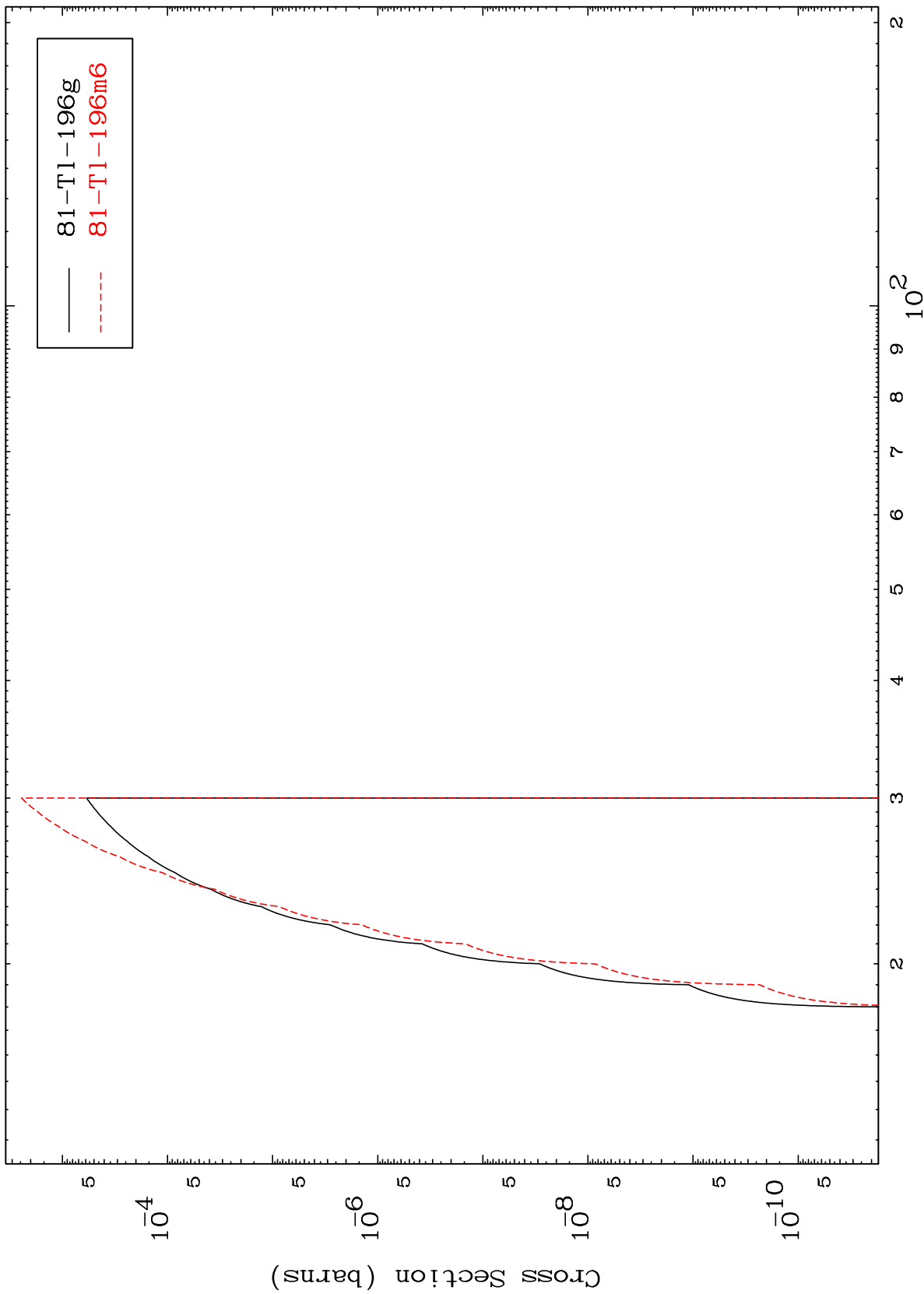
145

MAT 8210

(n,n') t

82-Pb-199

Radionuclide Production Cross Section

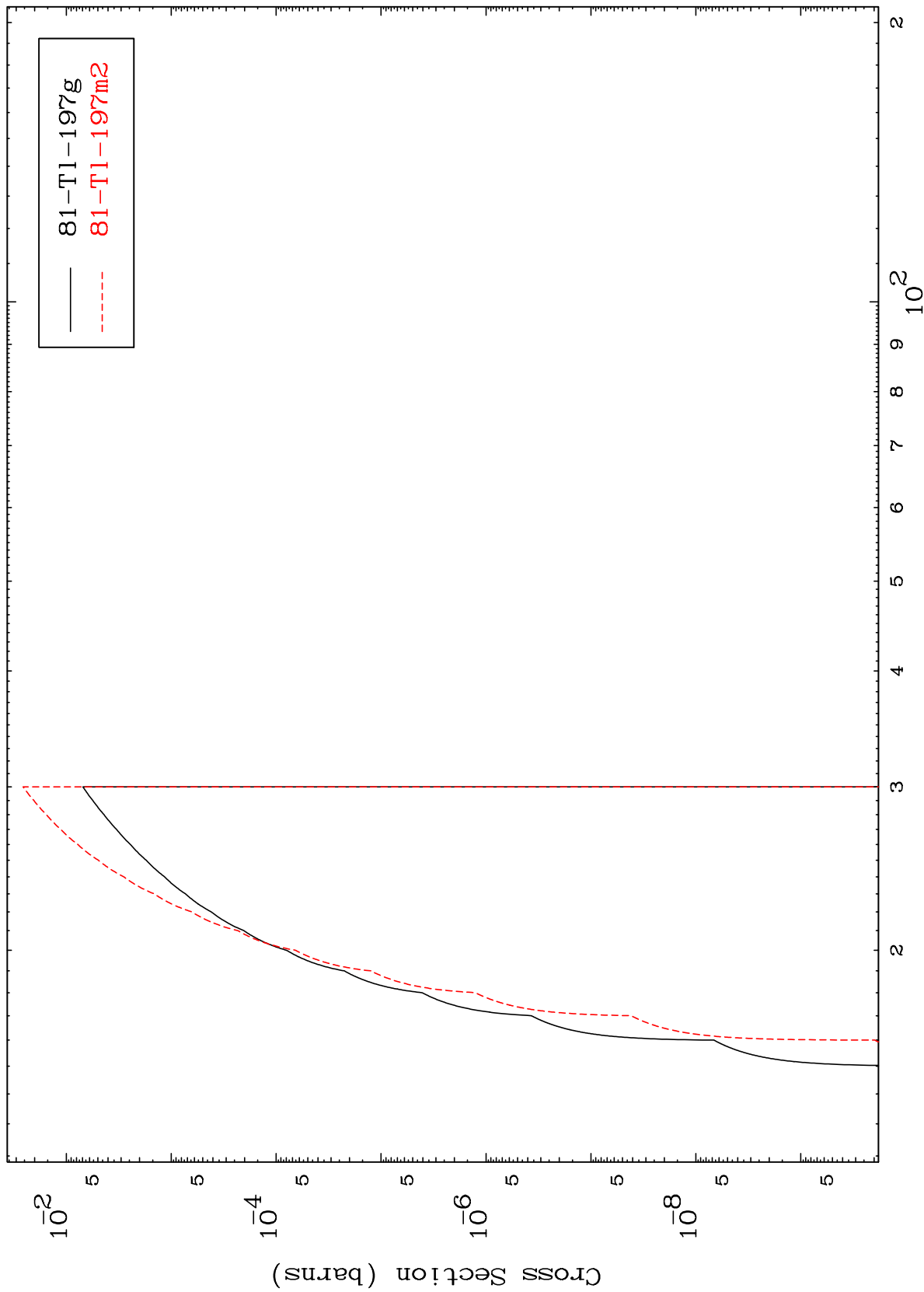


146

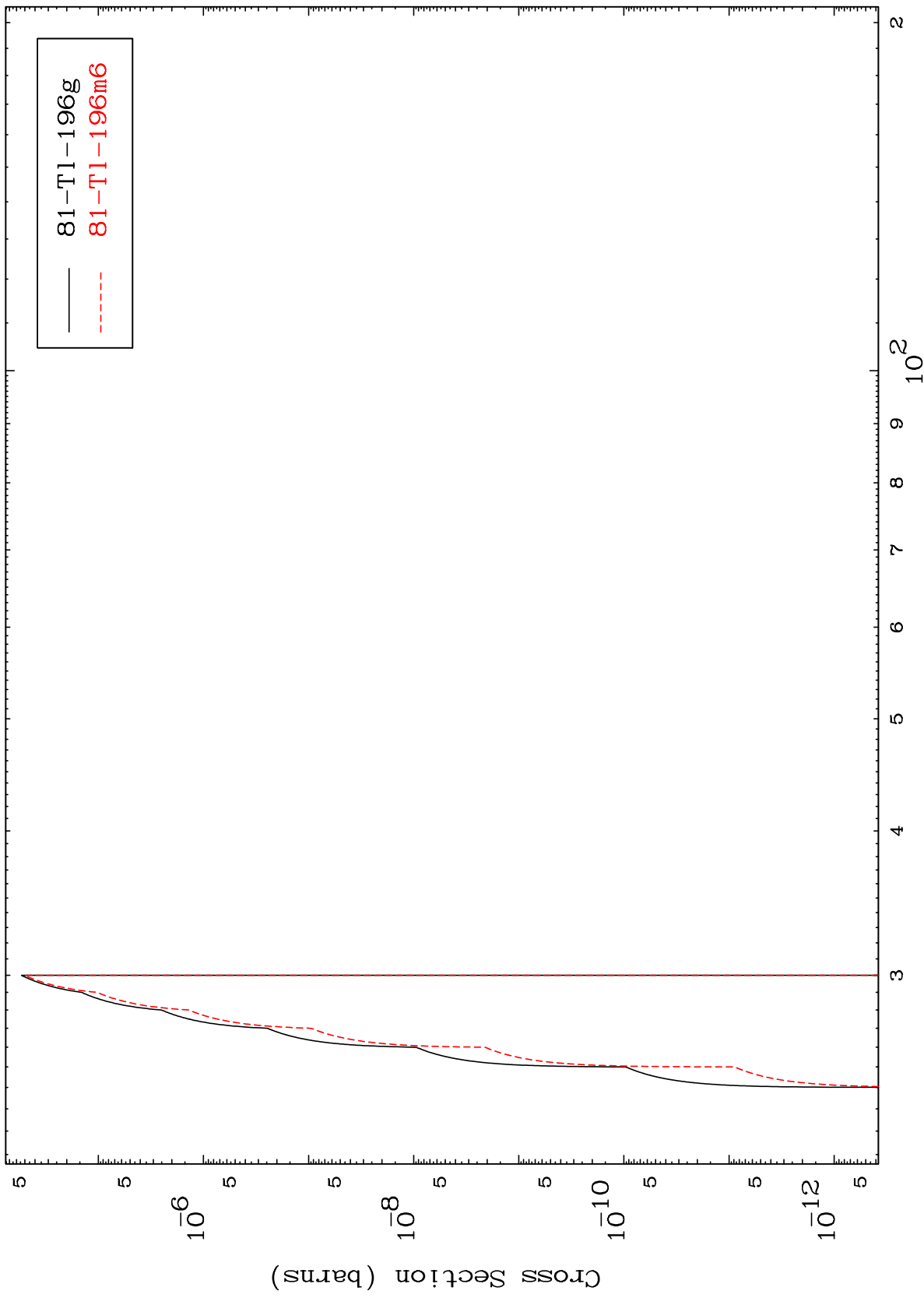
Incident Energy (MeV)

82-Pb-199

Radionuclide Production Cross Section



Radionuclide Production Cross Section

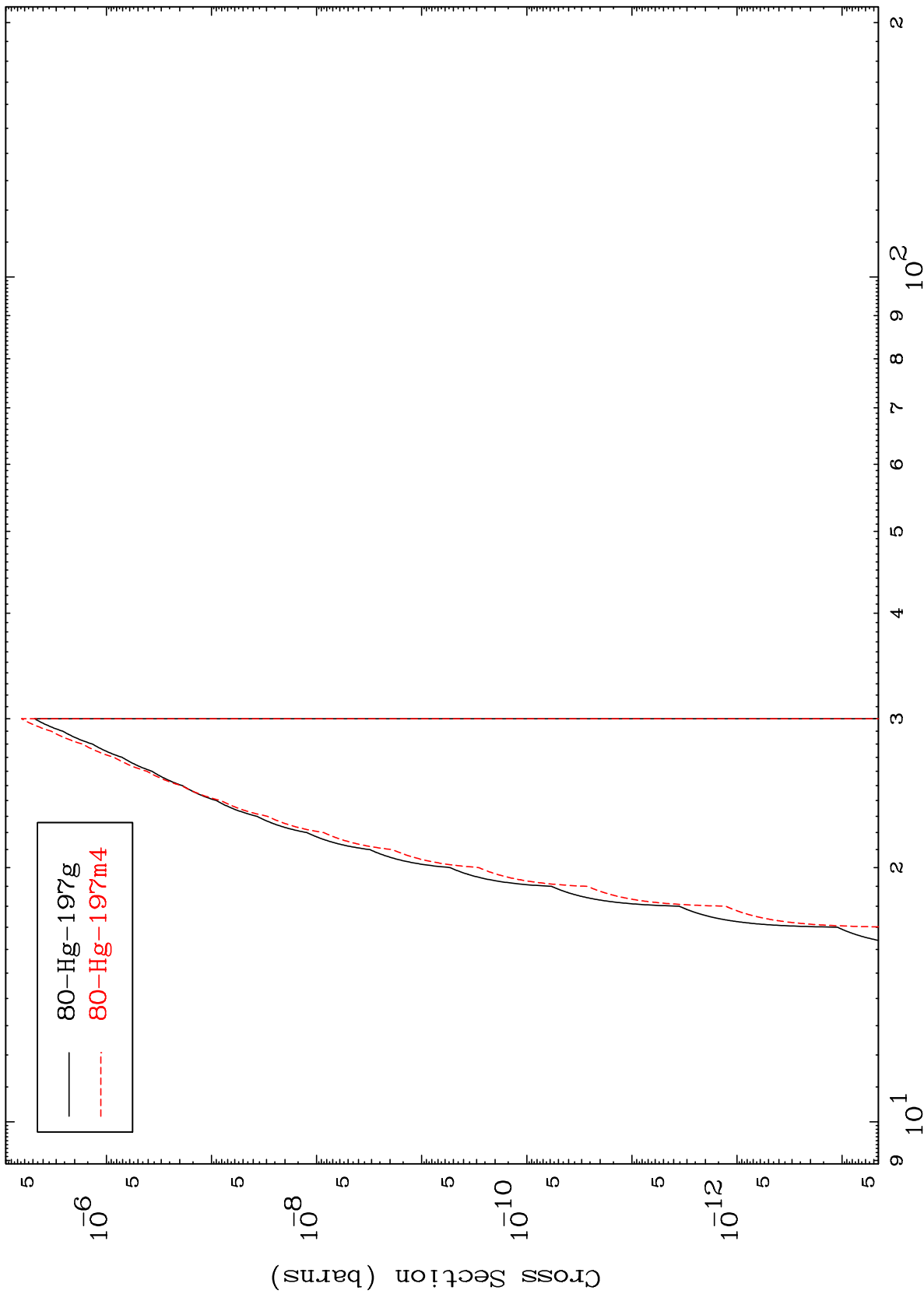


MAT 8210

(n,2n) p

82-Pb-199

Radionuclide Production Cross Section



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

149

Incident Energy (MeV)

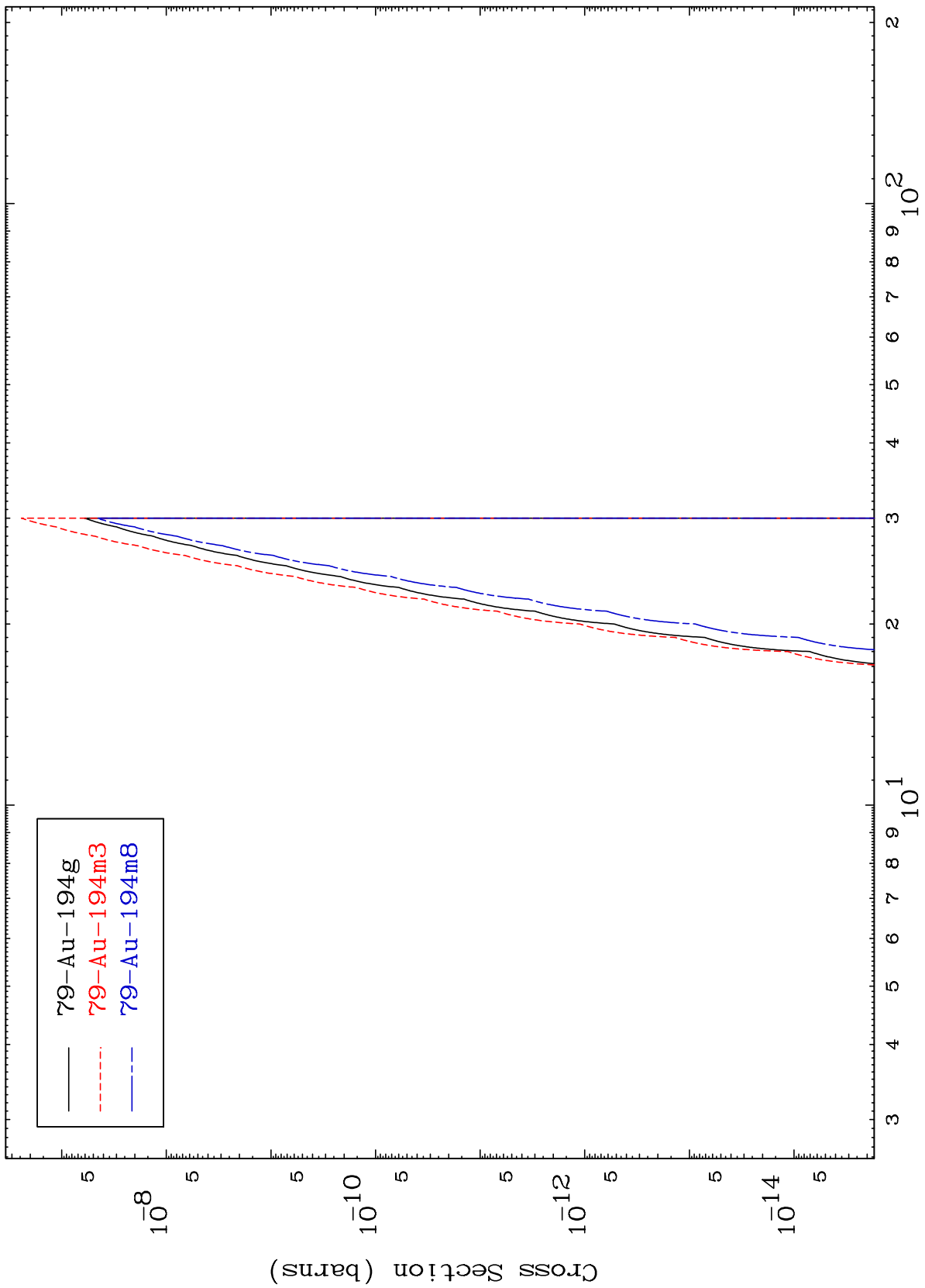
82-Pb-199

MAT 8210

(n,n') p α

82-Pb-199

Radionuclide Production Cross Section



150

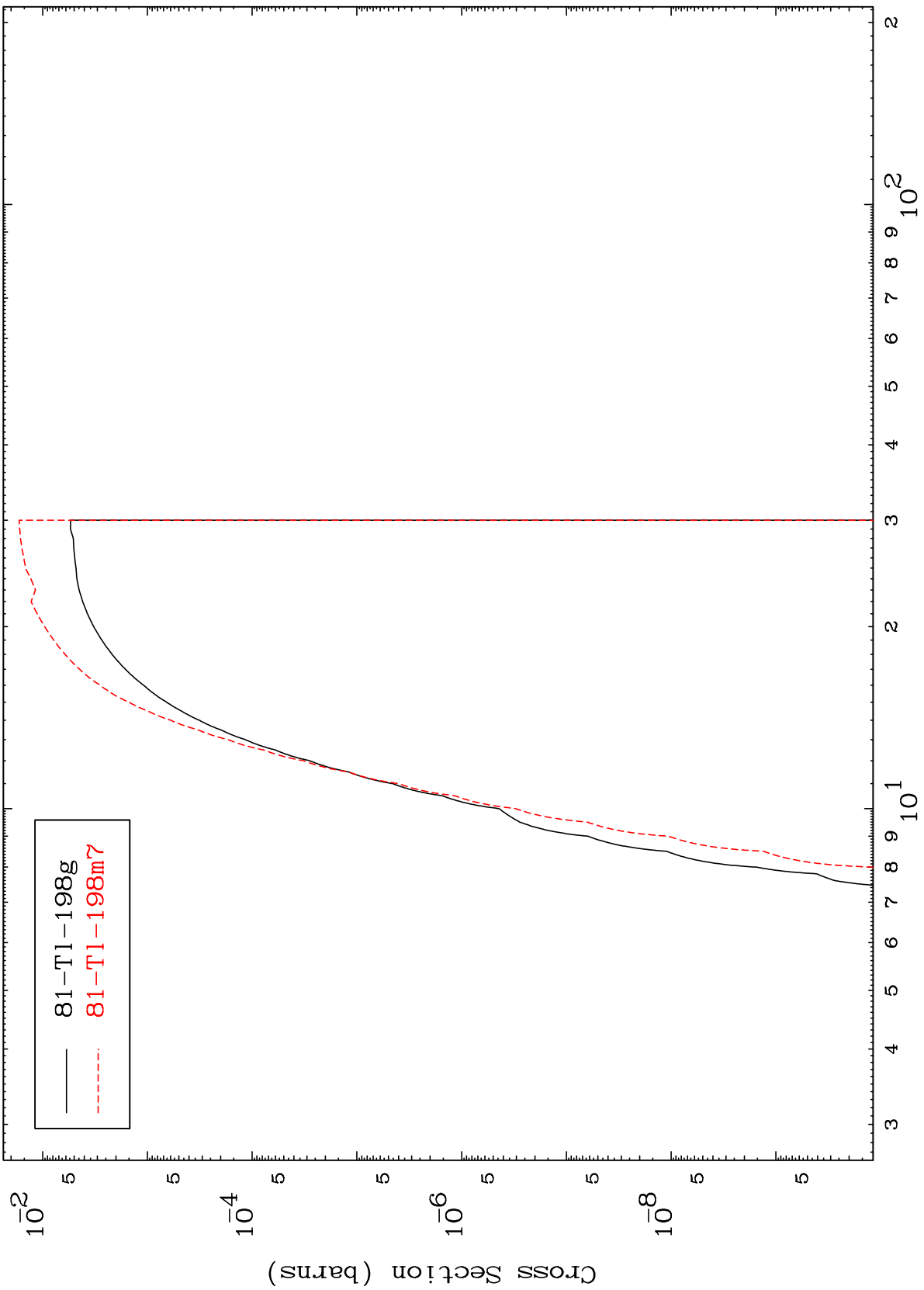
Incident Energy (MeV)

82-Pb-199

MAT 8210

82-Pb-199

(n,d)
Radionuclide Production Cross Section



151

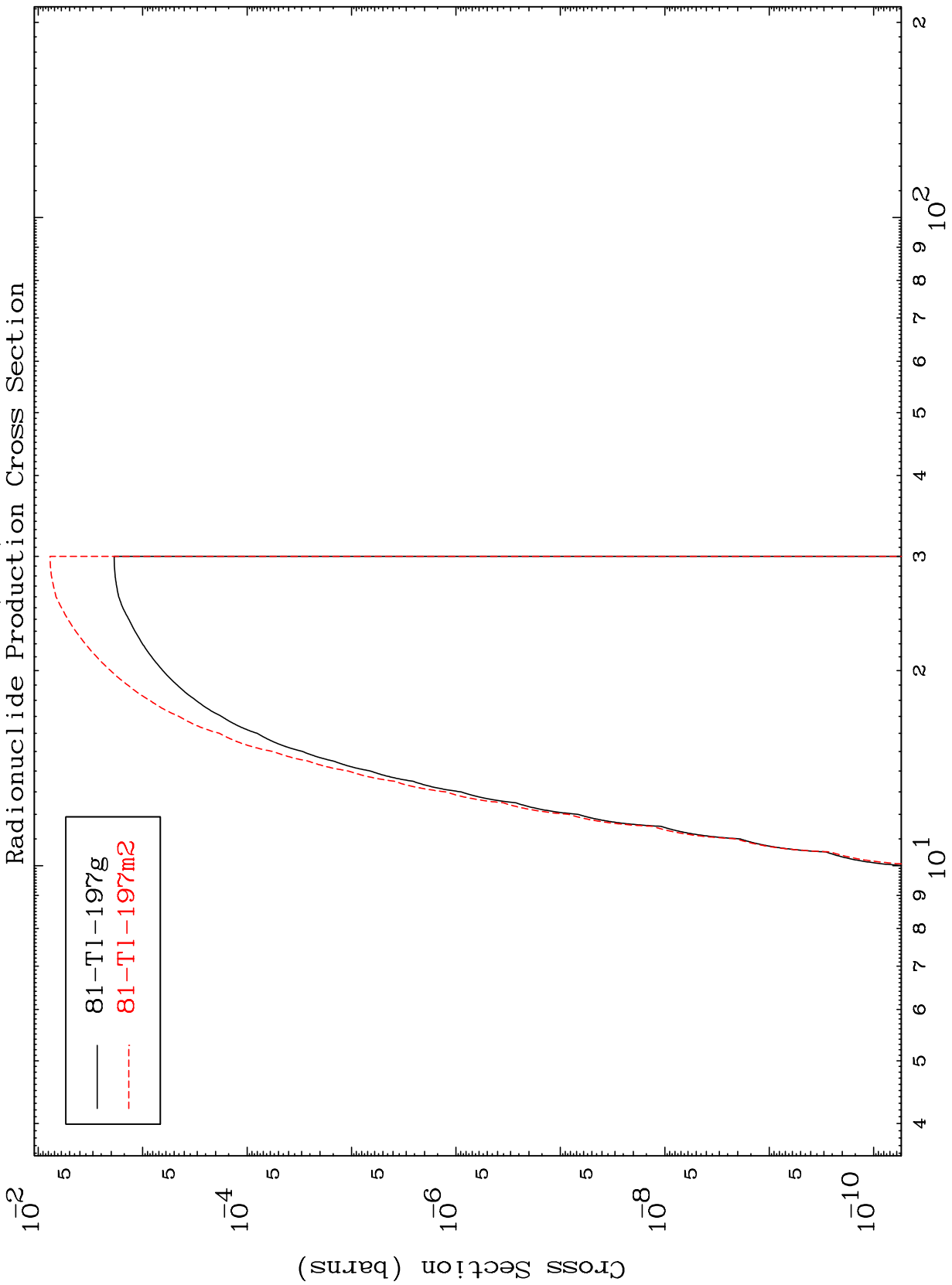
82-Pb-199

Incident Energy (MeV)

MAT 8210

82-Pb-199

Radionuclide Production Cross Section
(n, t)



152

Incident Energy (MeV)

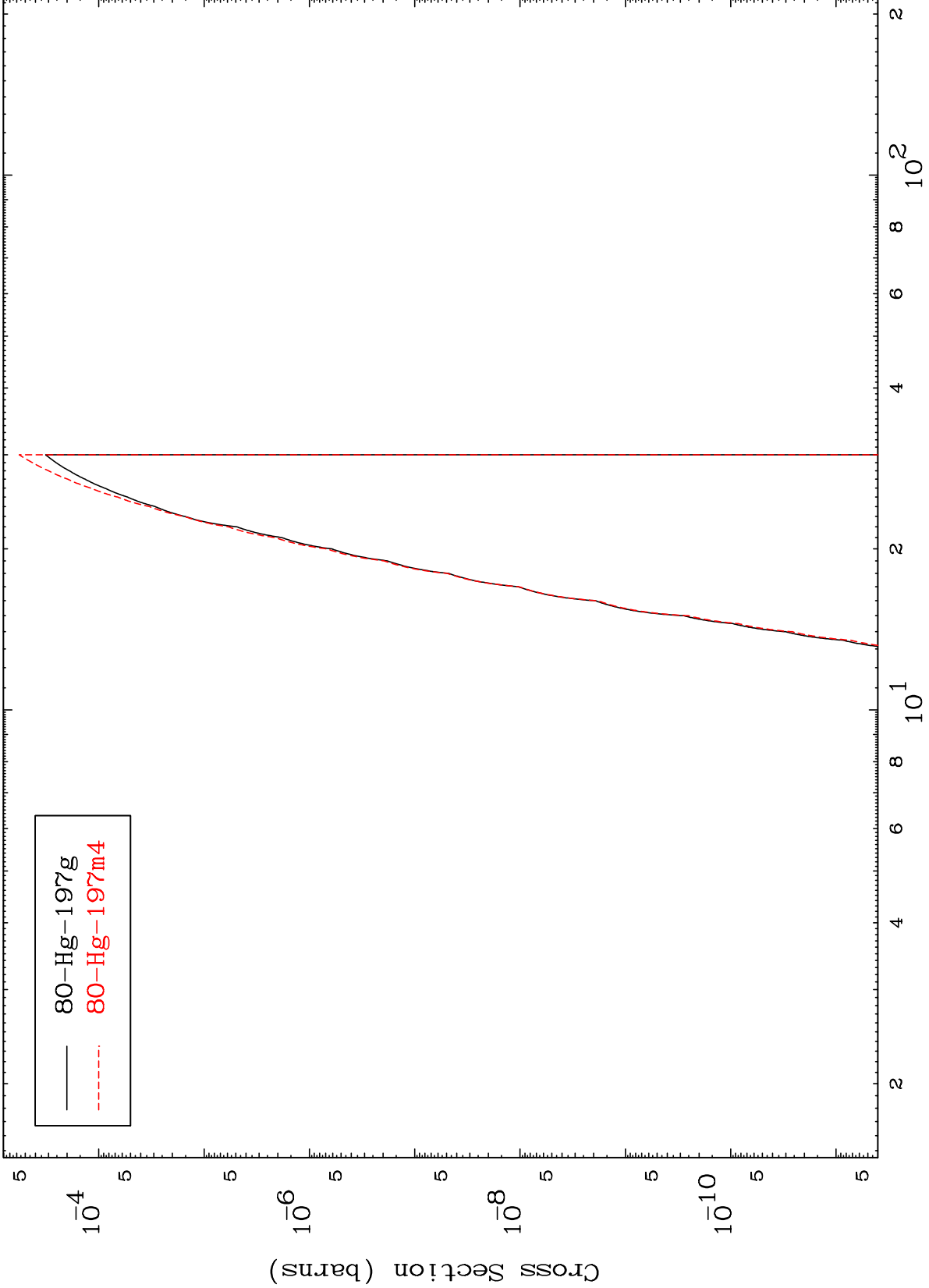
82-Pb-199

MAT 8210

(n,He-3)

82-Pb-199

Radionuclide Production Cross Section



153

Incident Energy (MeV)

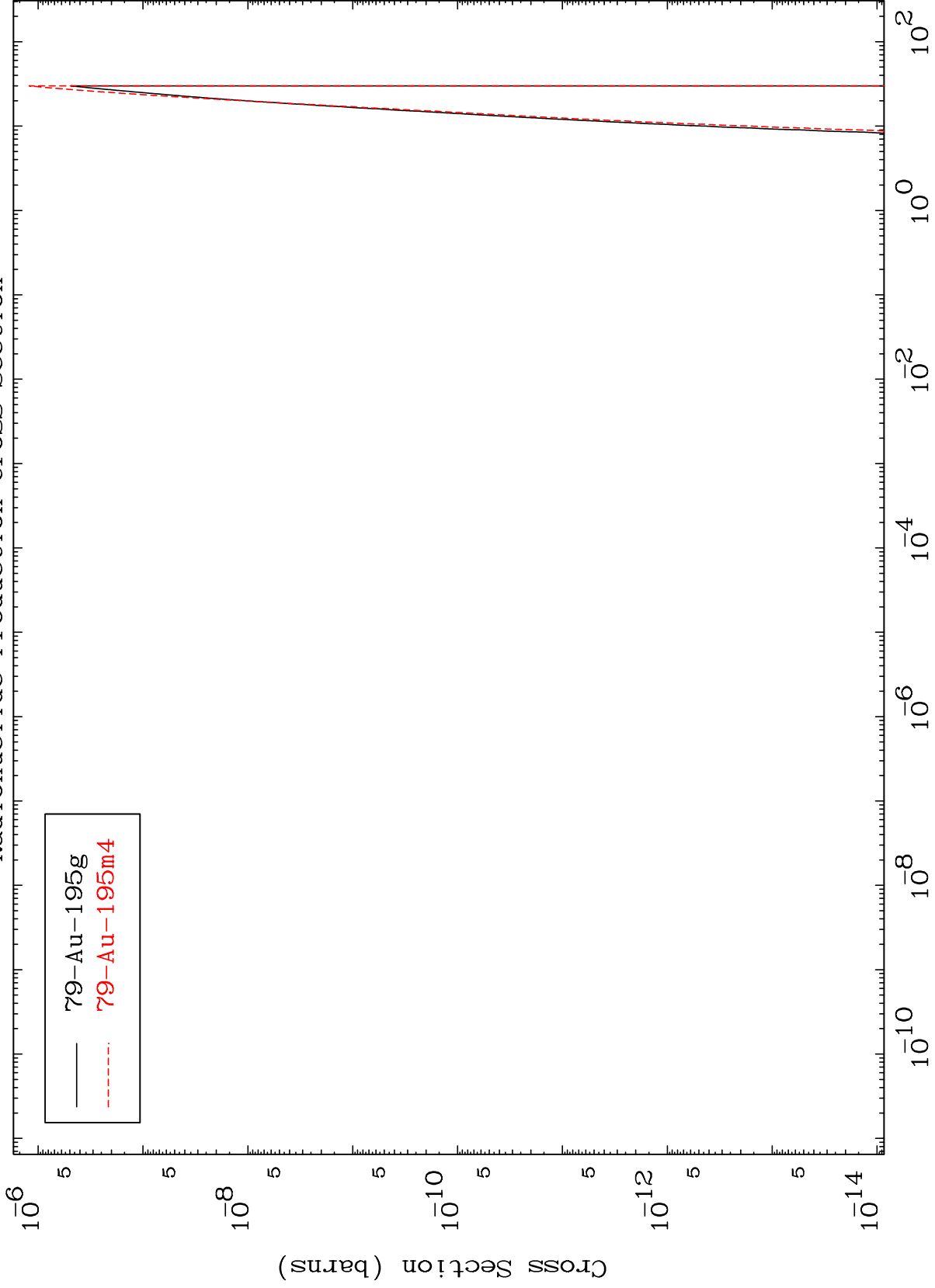
82-Pb-199

MAT 8210

(n,p) α

82-Pb-199

Radionuclide Production Cross Section



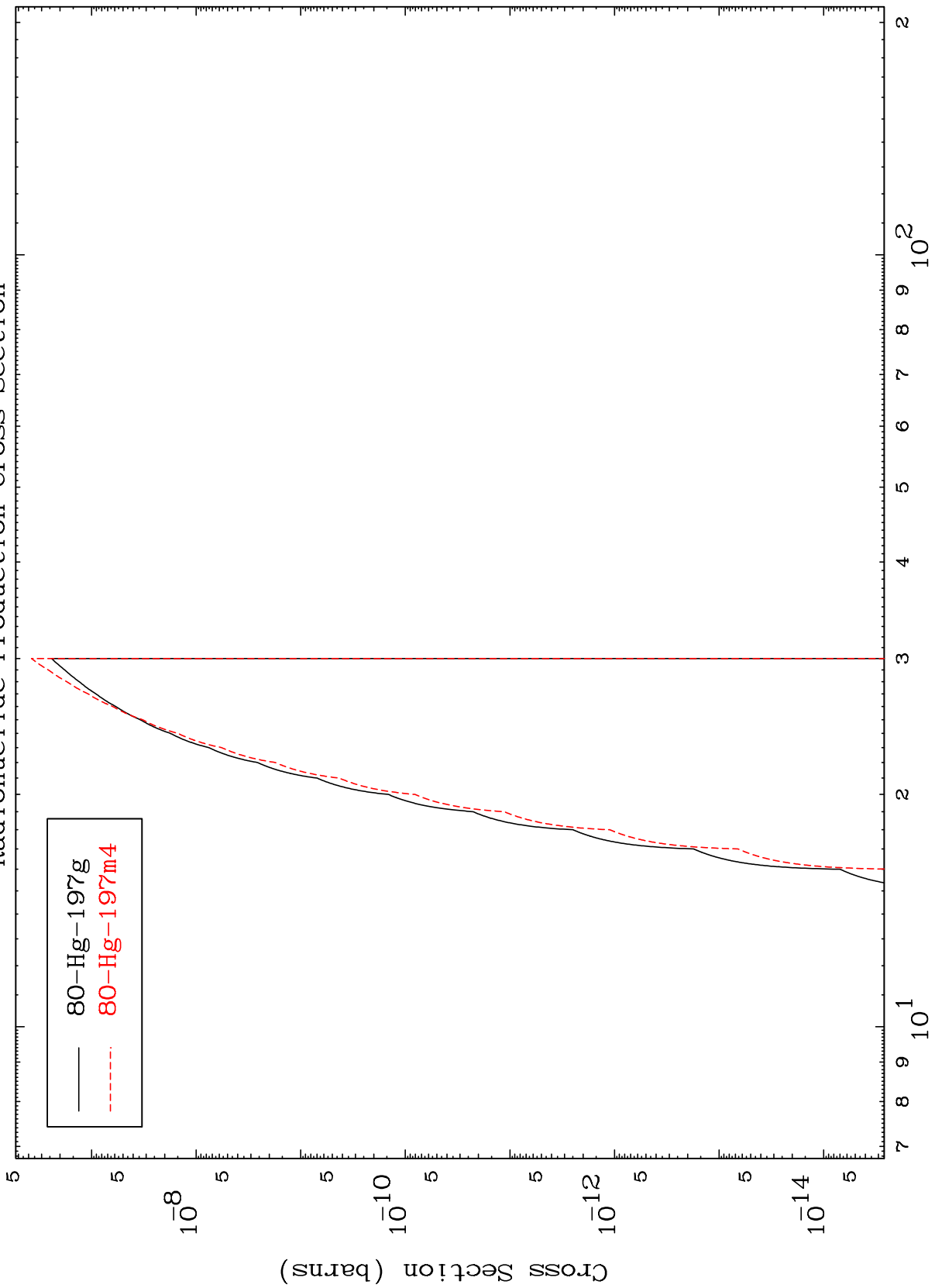
79-Au-195g
79-Au-195m4

MAT 8210

(n,p) d

82-Pb-199

Radionuclide Production Cross Section



155

Incident Energy (MeV)

82-Pb-199

