

Program EVALPLOT
(Version 2018-1)

by

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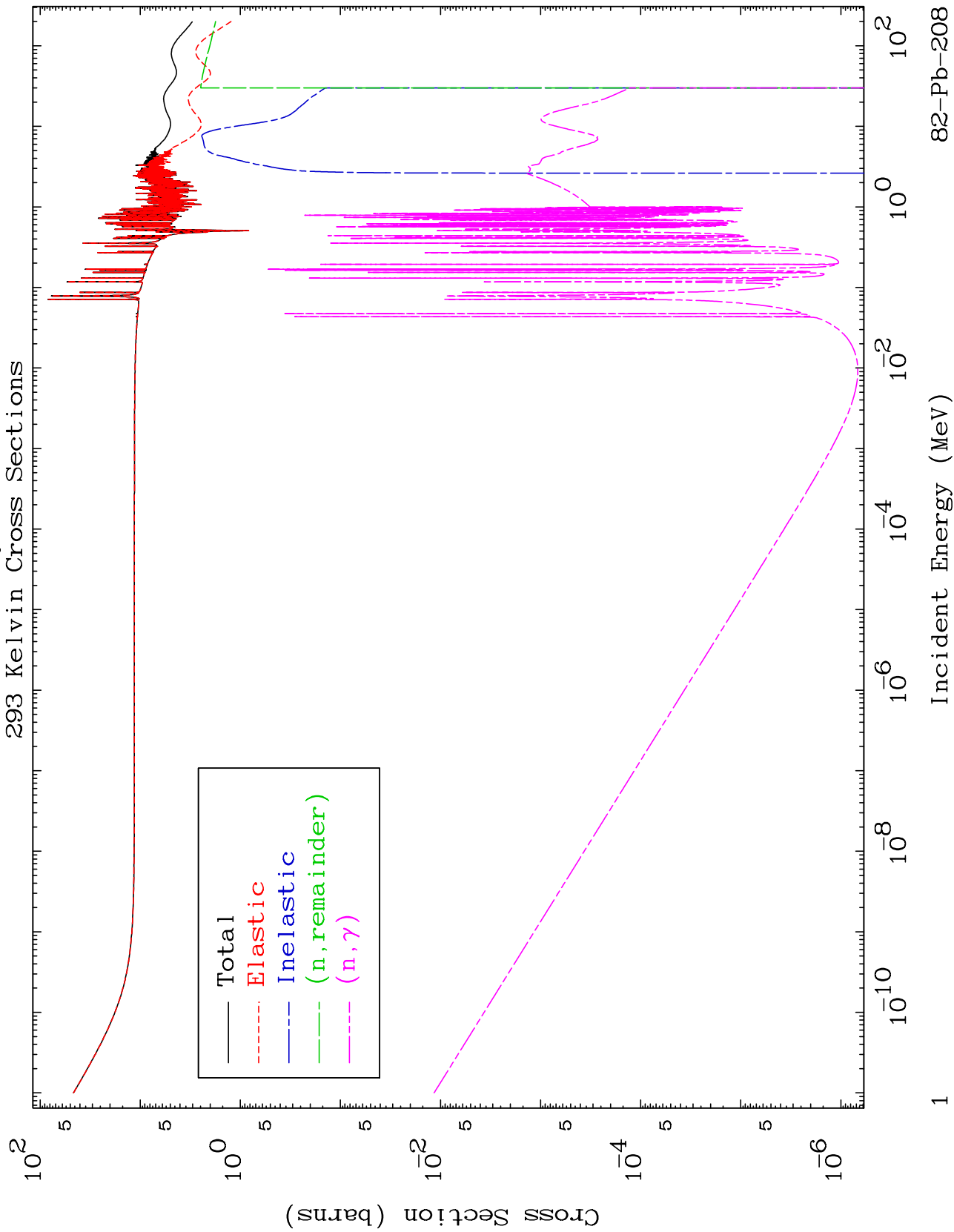
Press Mouse Button to Start

MAT 8237

Major

293 Kelvin Cross Sections

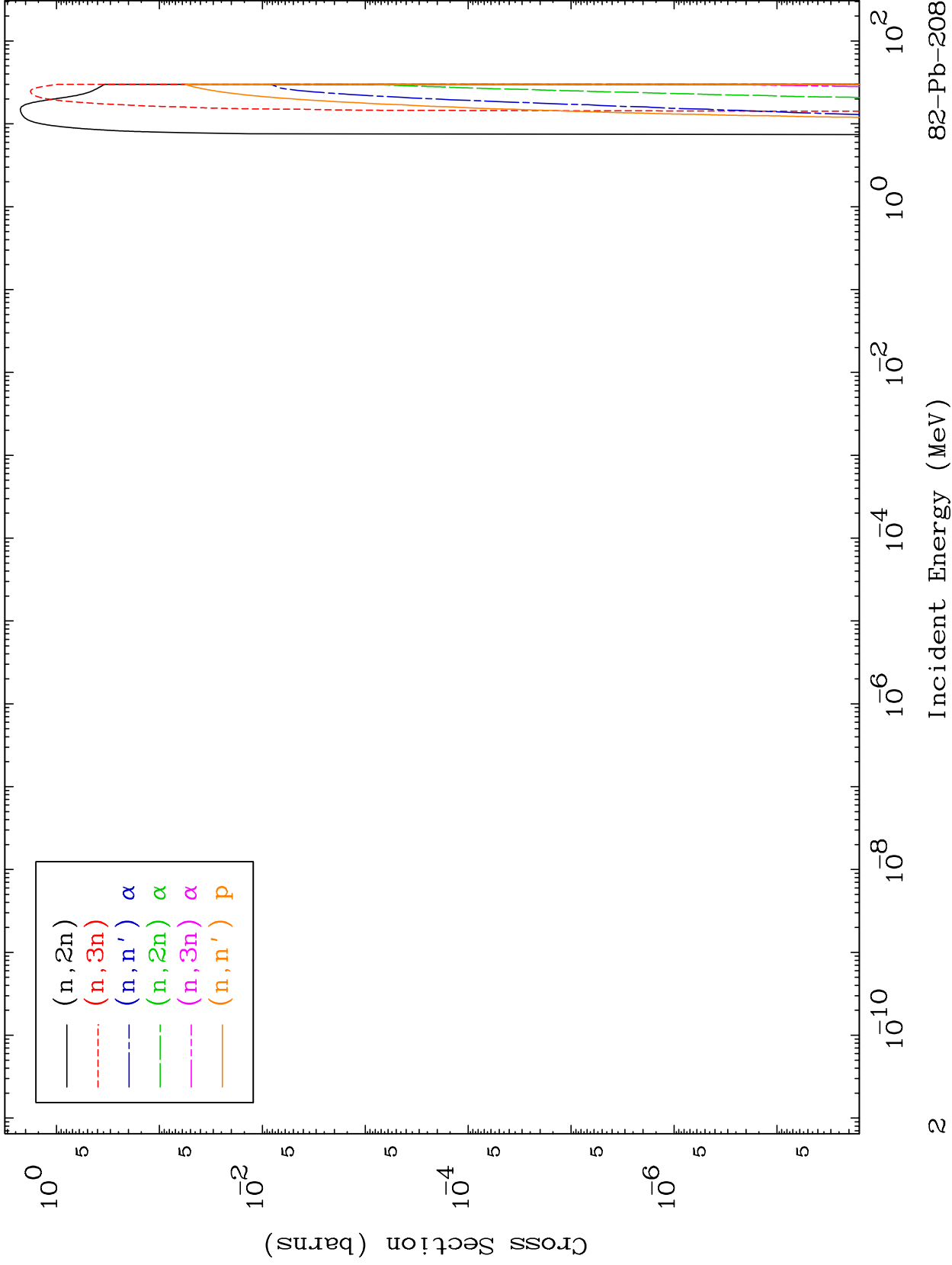
82-Pb-208

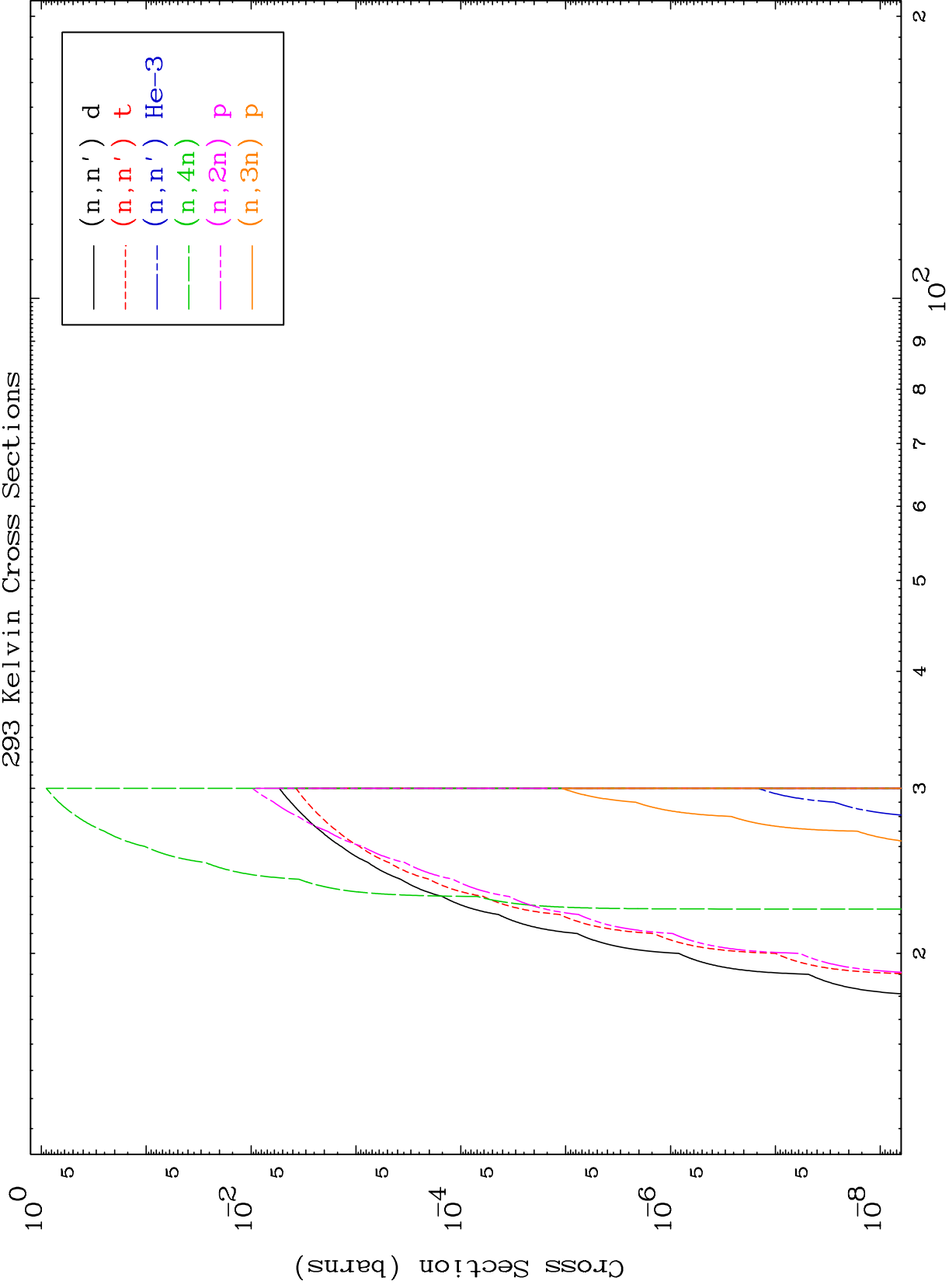


MAT 8237

Neutron Production
293 Kelvin Cross Sections

82-Pb-208

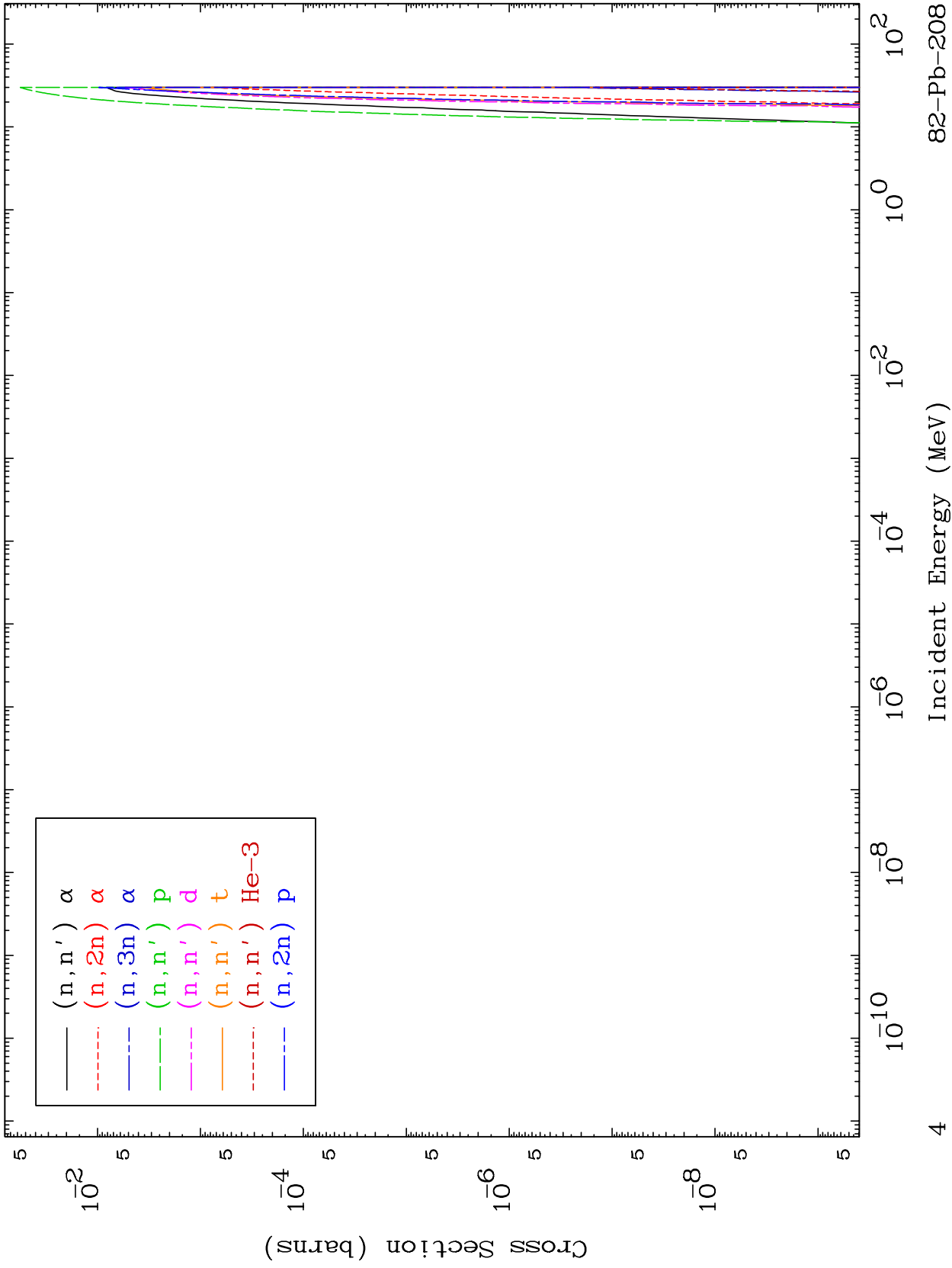




MAT 8237

Charged Particle
293 Kelvin Cross Sections

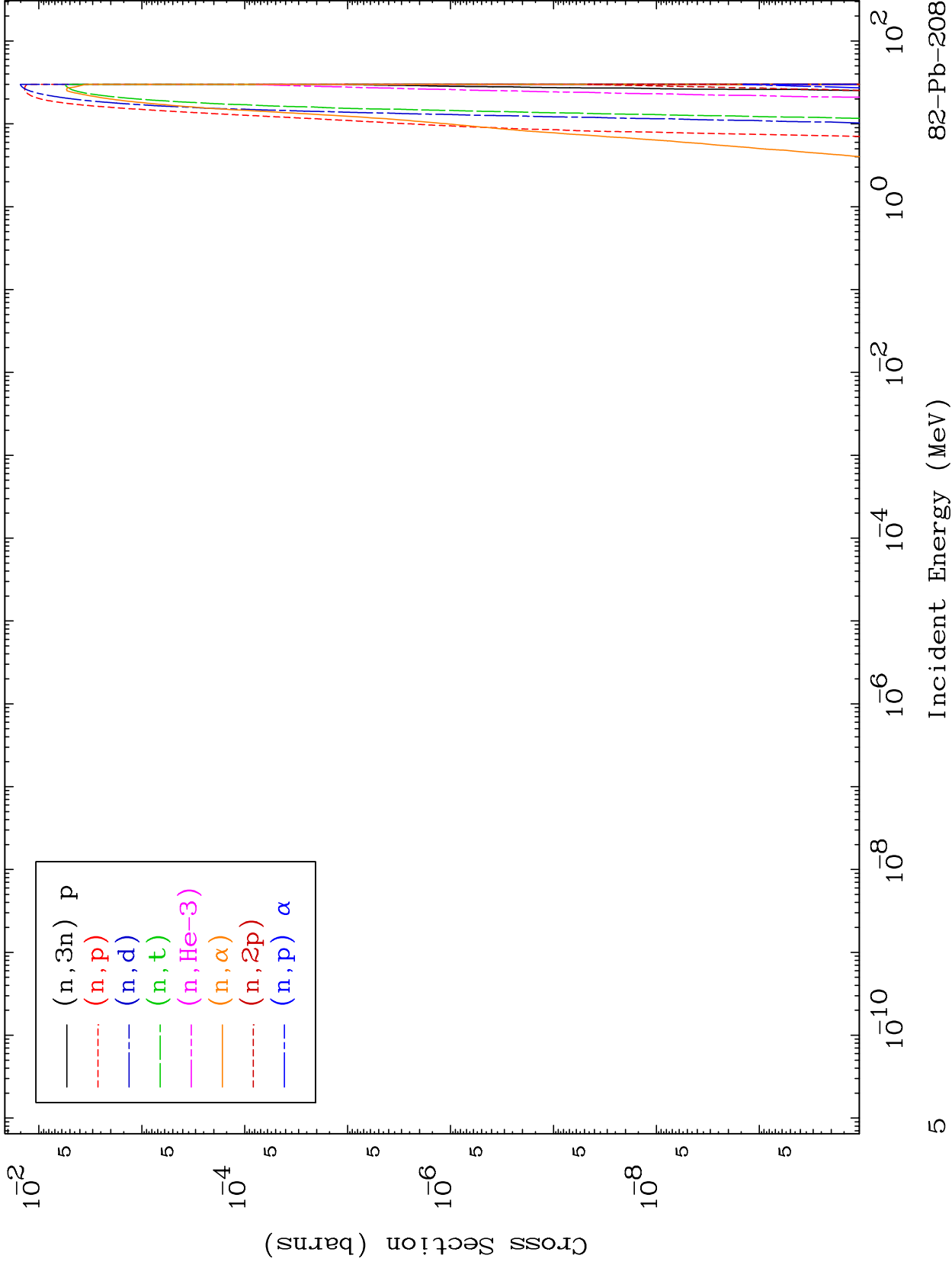
82-Pb-208



MAT 8237

Charged Particle
293 Kelvin Cross Sections

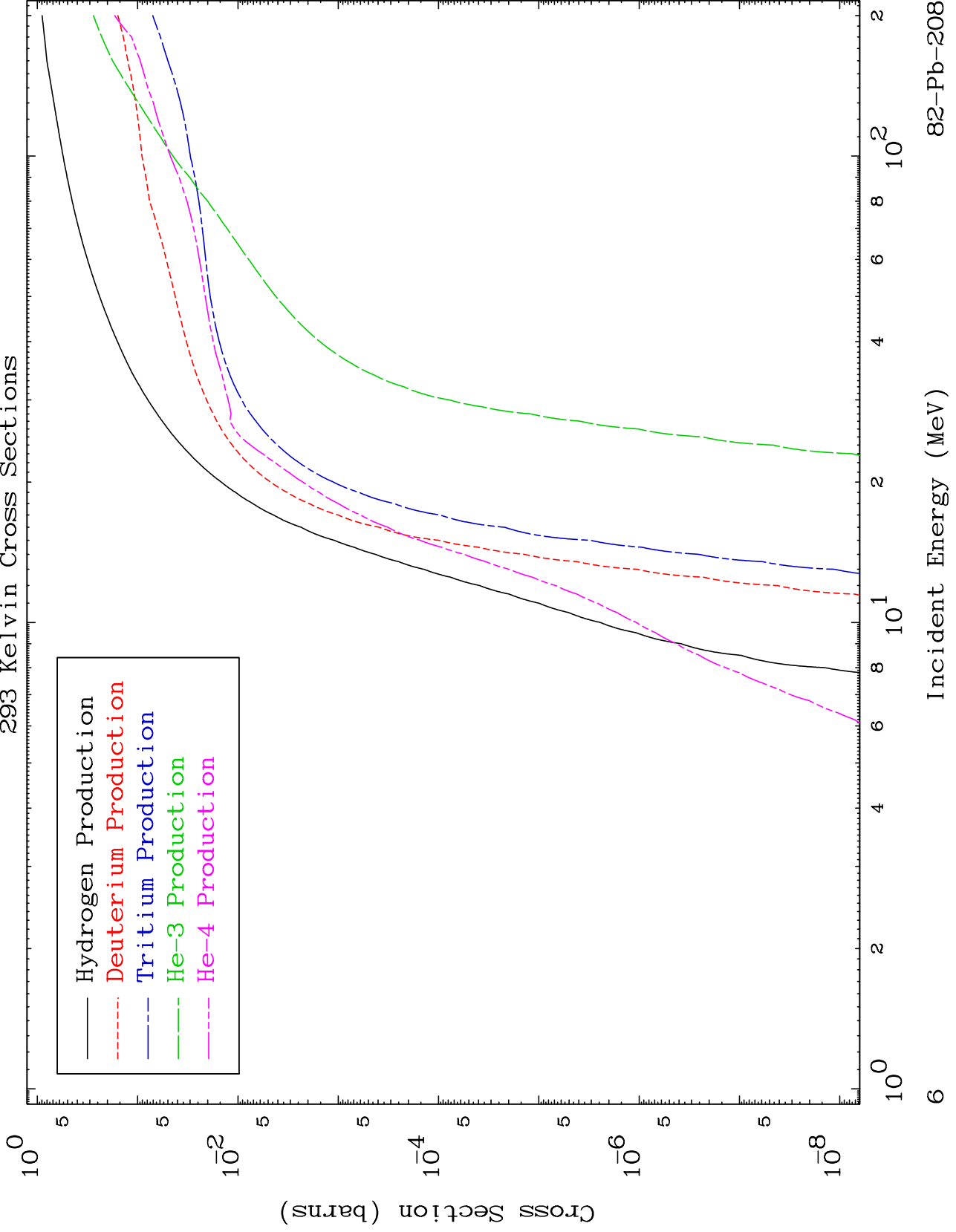
82-Pb-208



MAT 8237

Particle Production
293 Kelvin Cross Sections

82-Pb-208



82-Pb-208

Incident Energy (MeV)

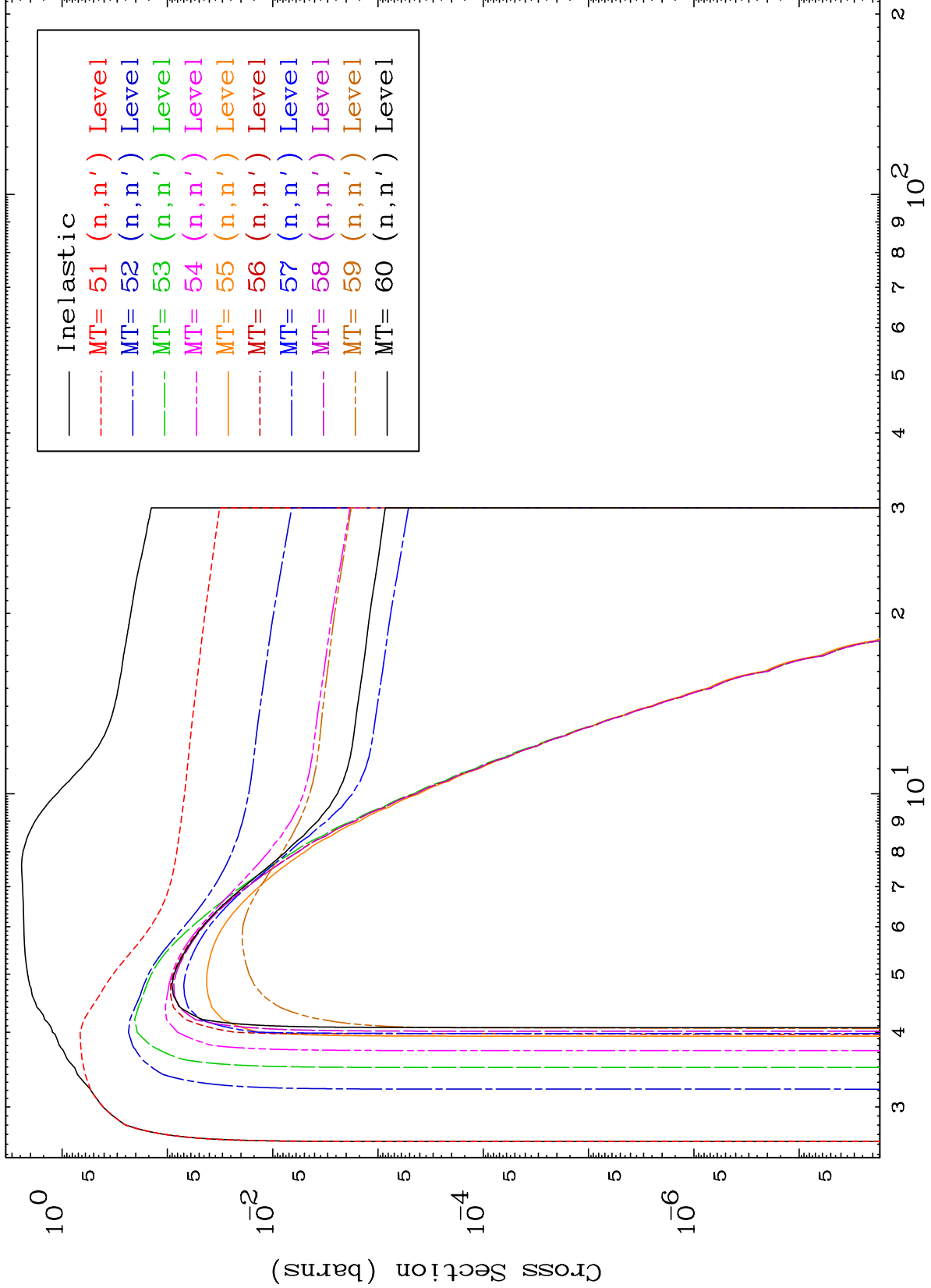
6

MAT 8237

(n,n') Level

82-Pb-208

293 Kelvin Cross Sections

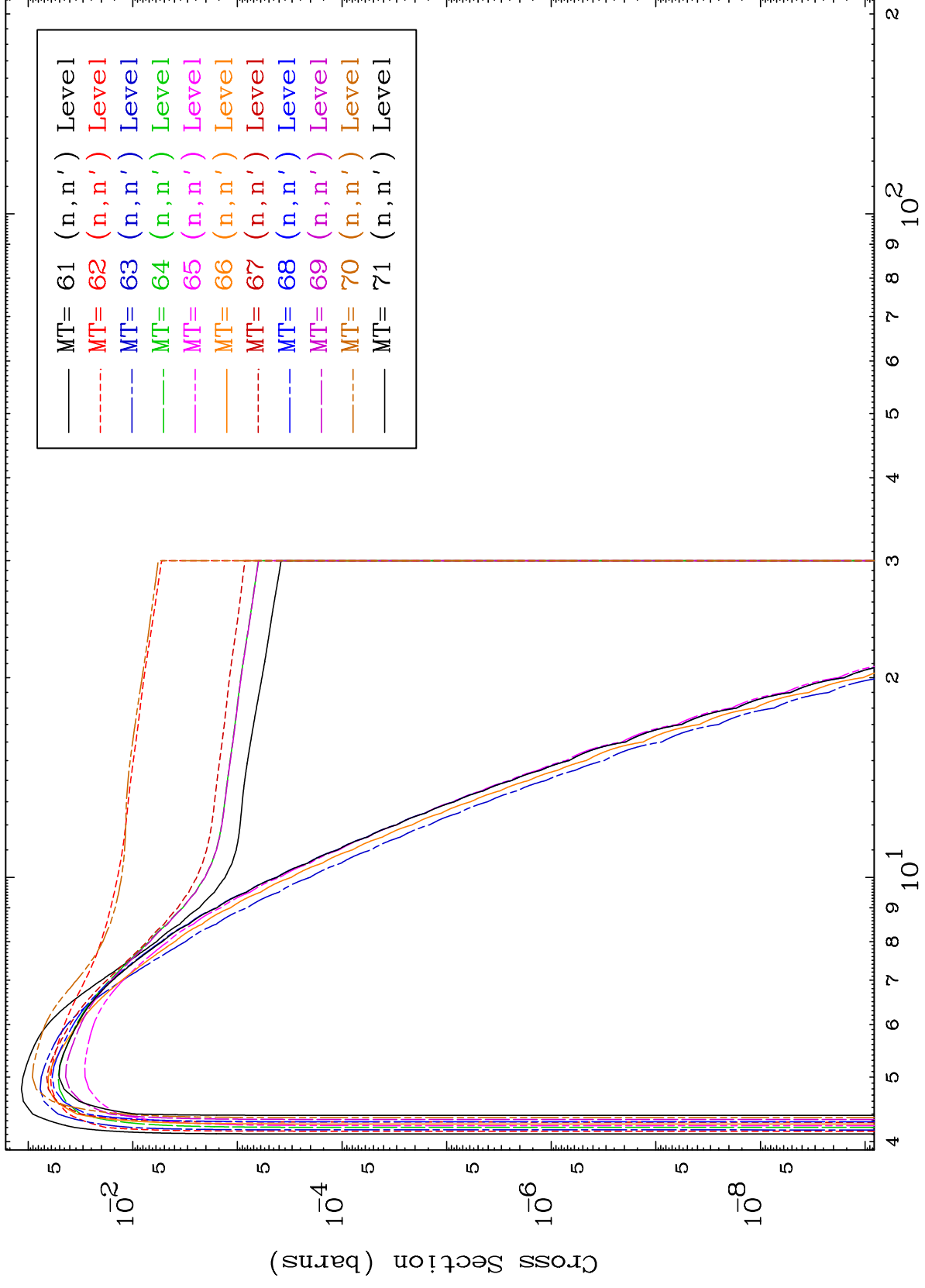


MAT 8237

(n,n') Level

82-Pb-208

293 Kelvin Cross Sections



Incident Energy (MeV)

82-Pb-208

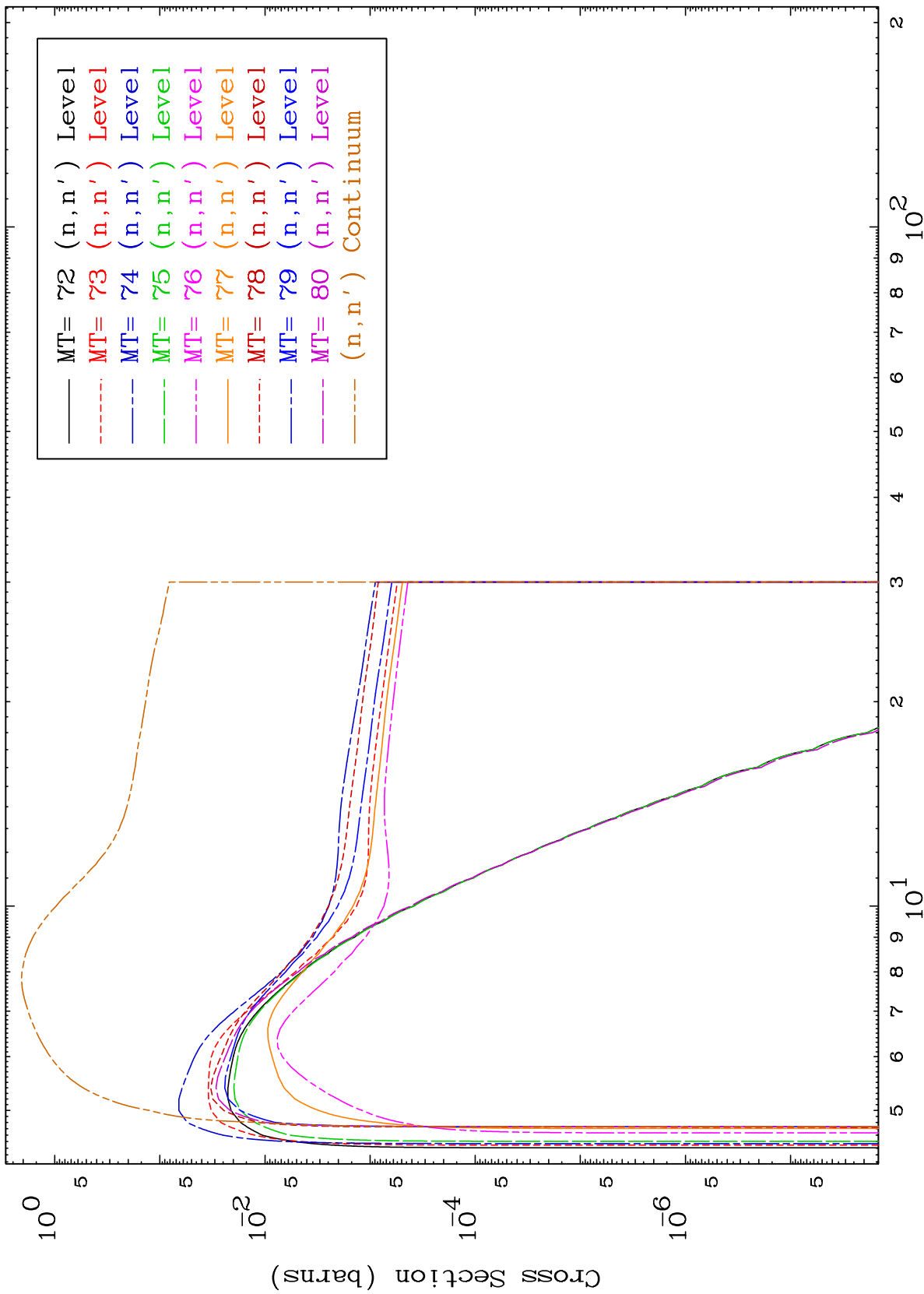
8

MAT 8237

(n,n') Level

82-Pb-208

293 Kelvin Cross Sections



9

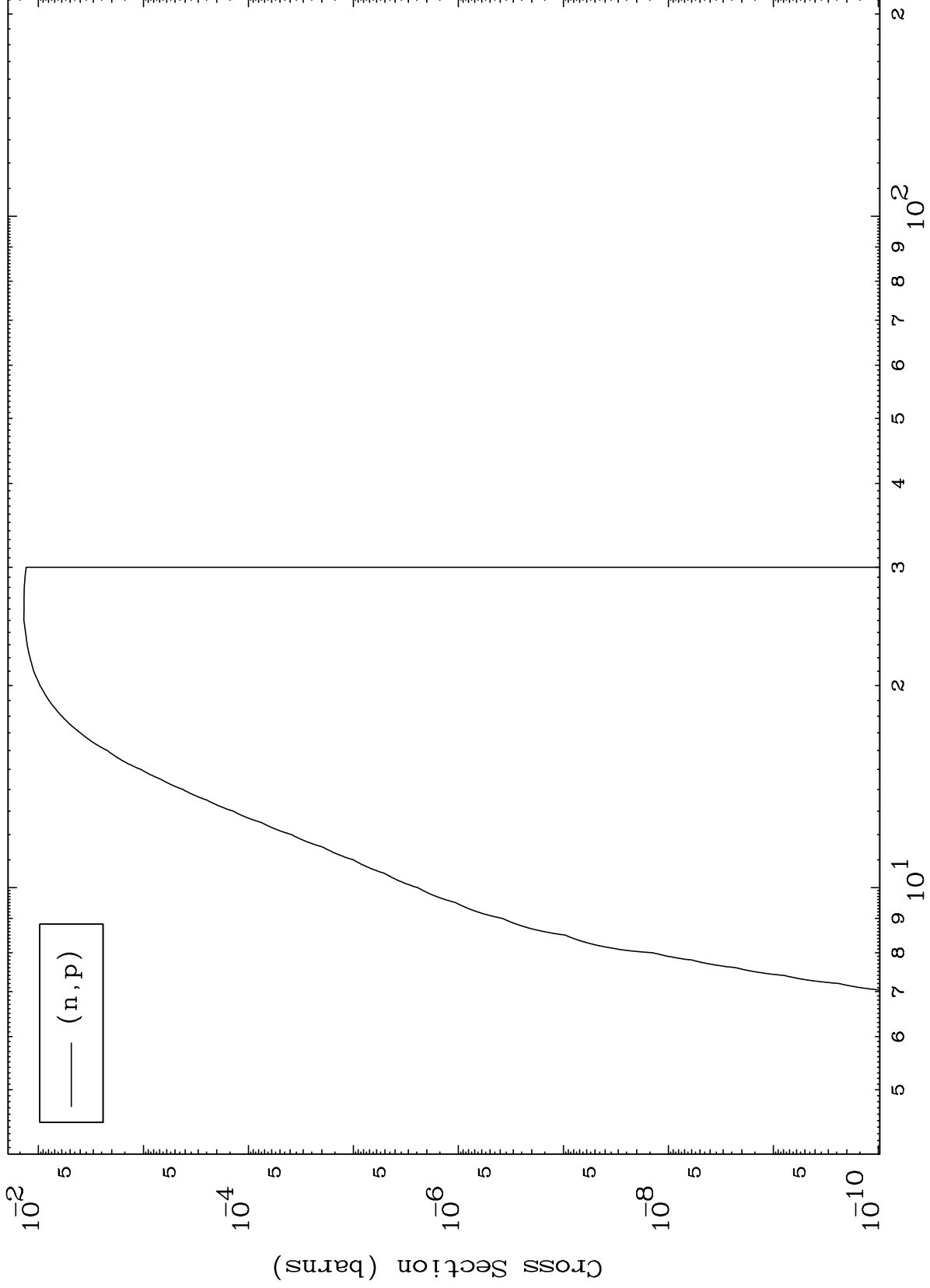
Incident Energy (MeV)

82-Pb-208

MAT 8237

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-208



10

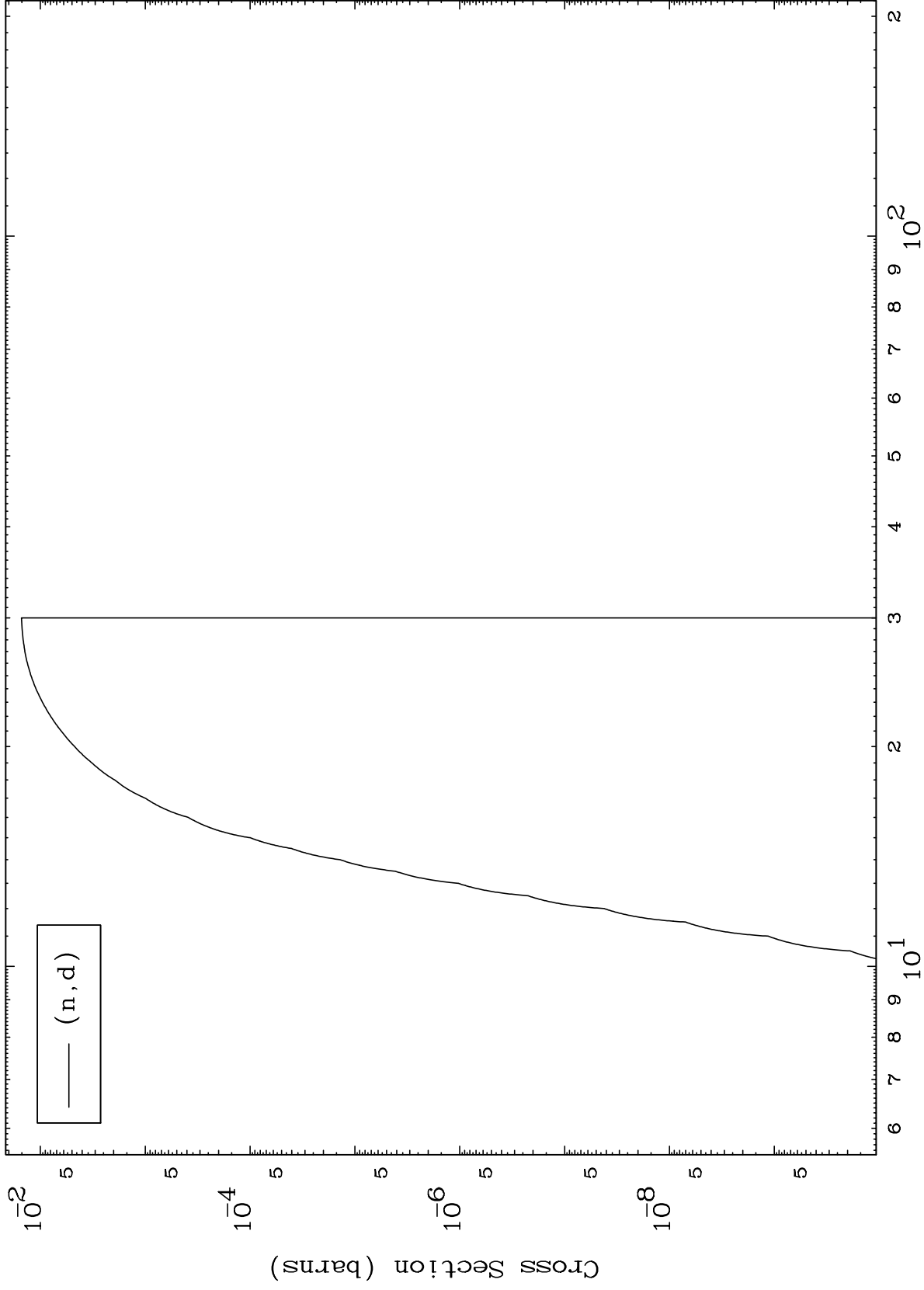
Incident Energy (MeV)

82-Pb-208

MAT 8237

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-208



11

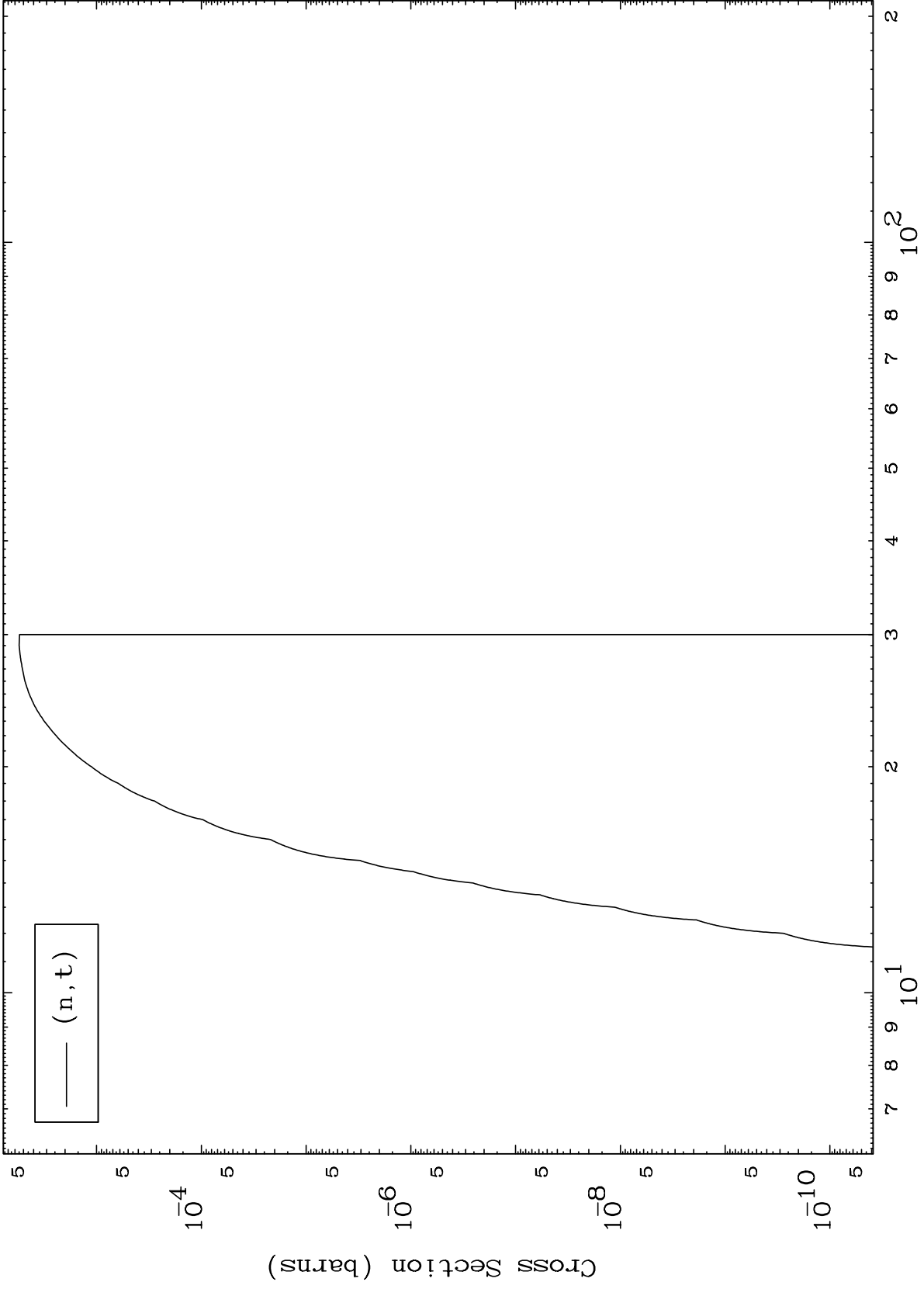
Incident Energy (MeV)

82-Pb-208

MAT 8237

(n, t) Levels
293 Kelvin Cross Sections

82-Pb-208



12

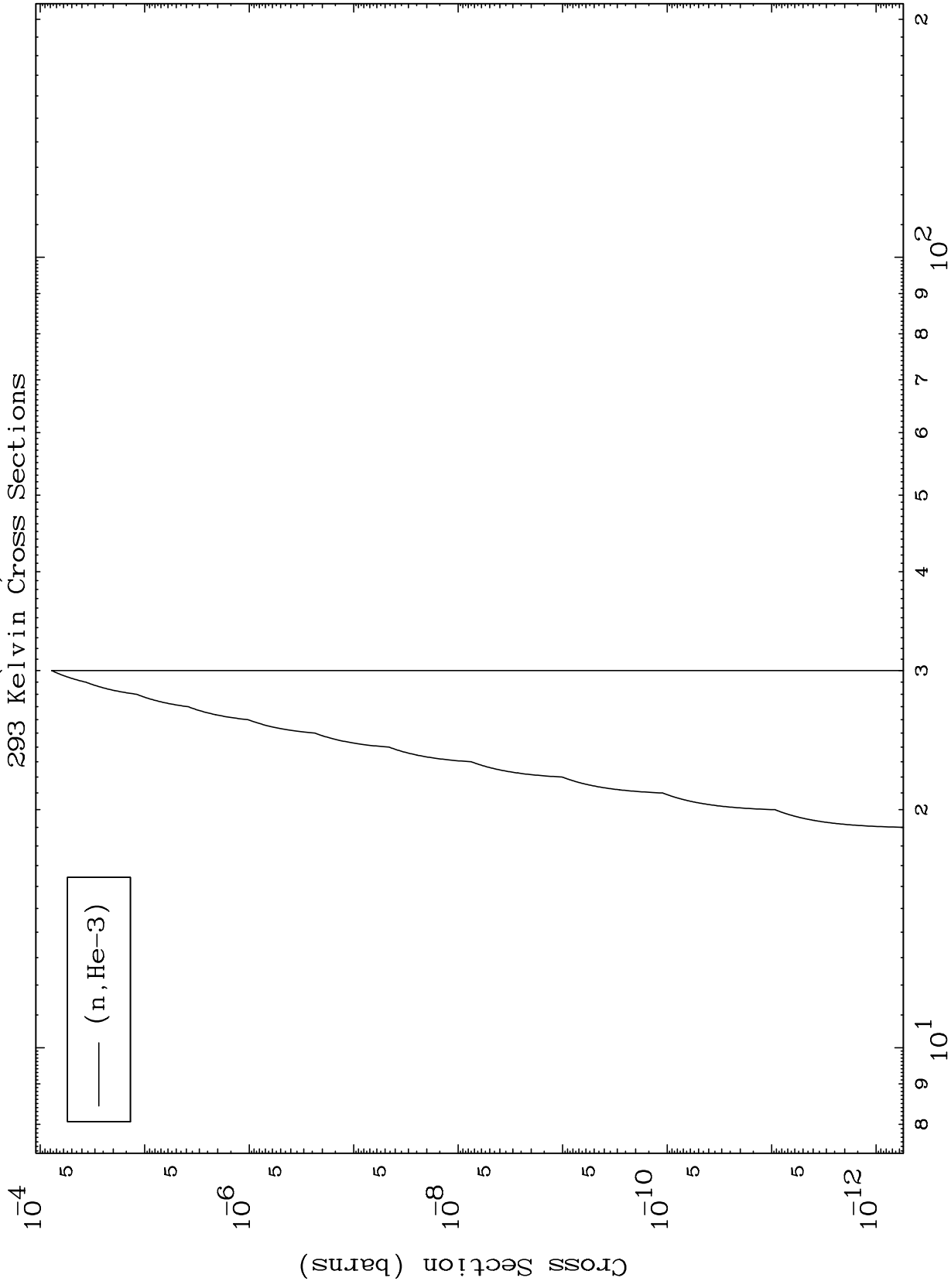
Incident Energy (MeV)

82-Pb-208

MAT 8237

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-208



13

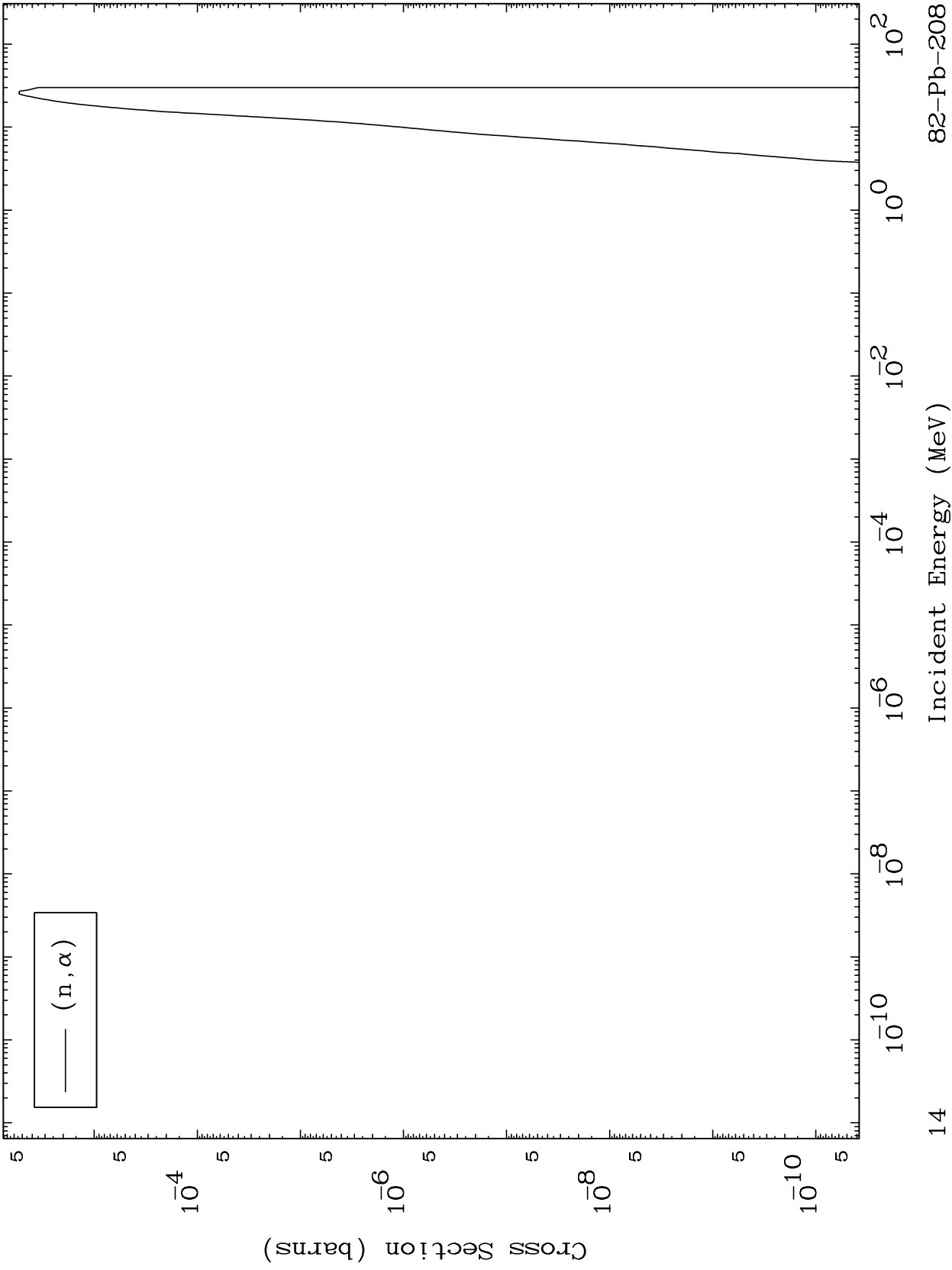
Incident Energy (MeV)

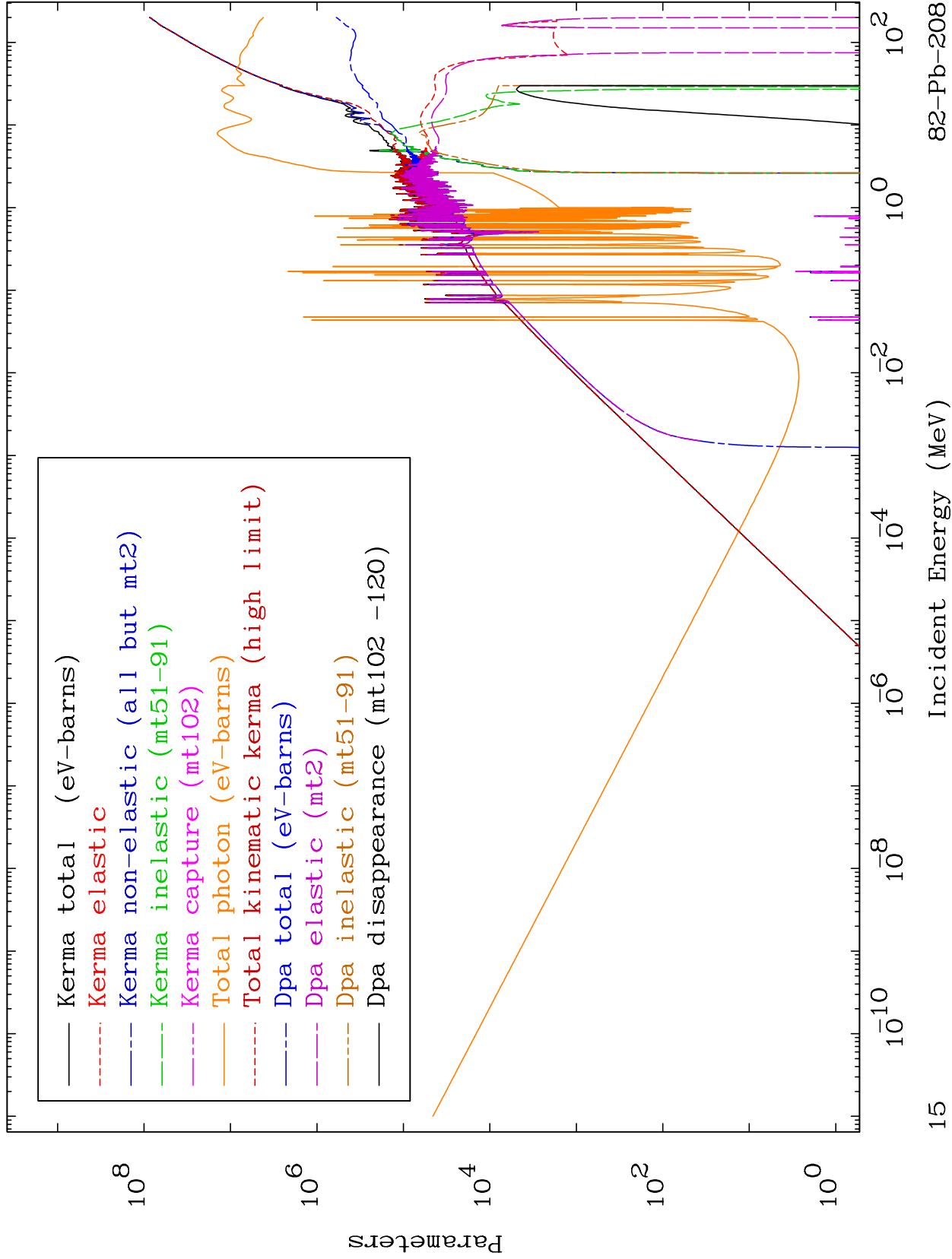
82-Pb-208

MAT 8237

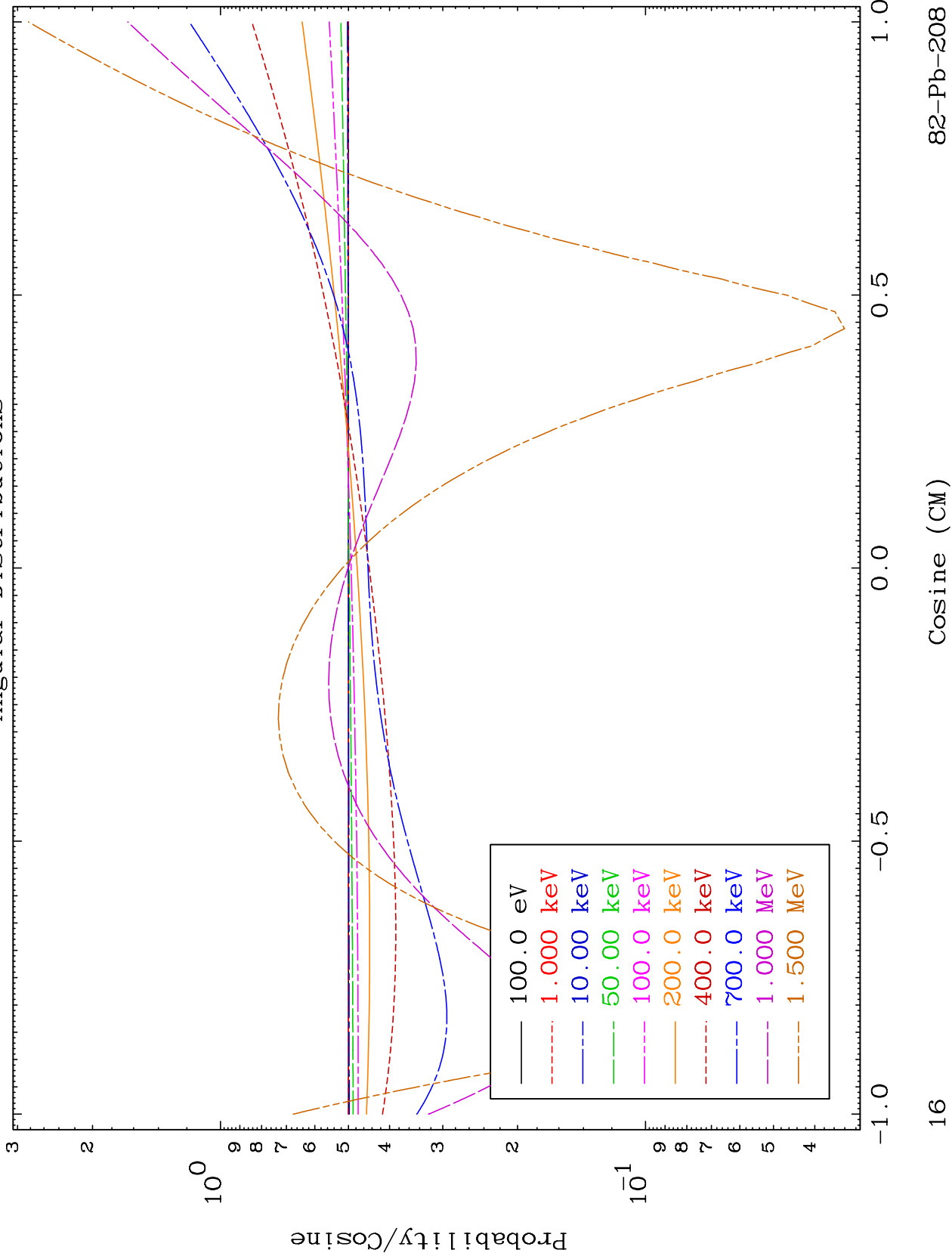
(n, α) Levels
293 Kelvin Cross Sections

82-Pb-208

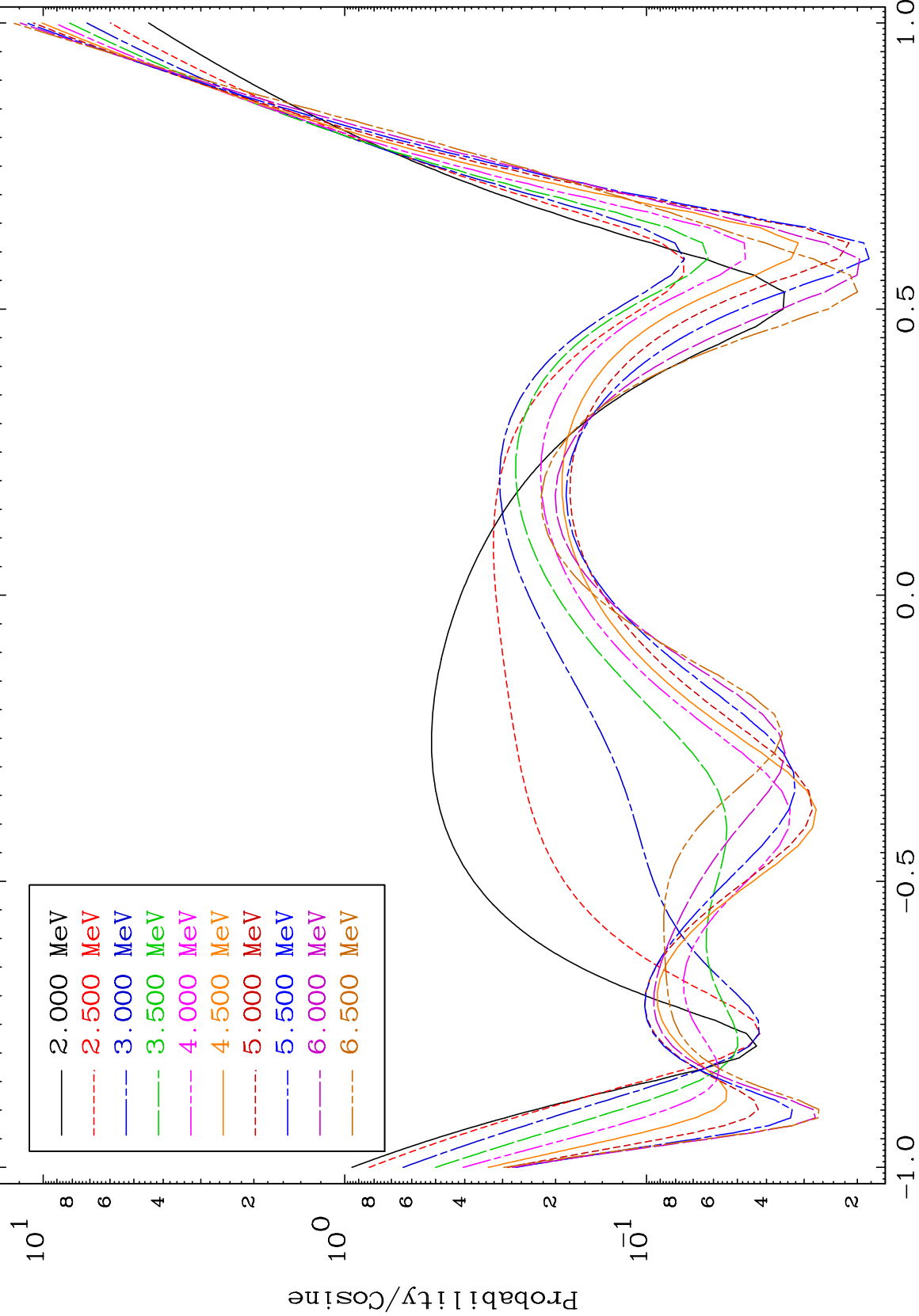




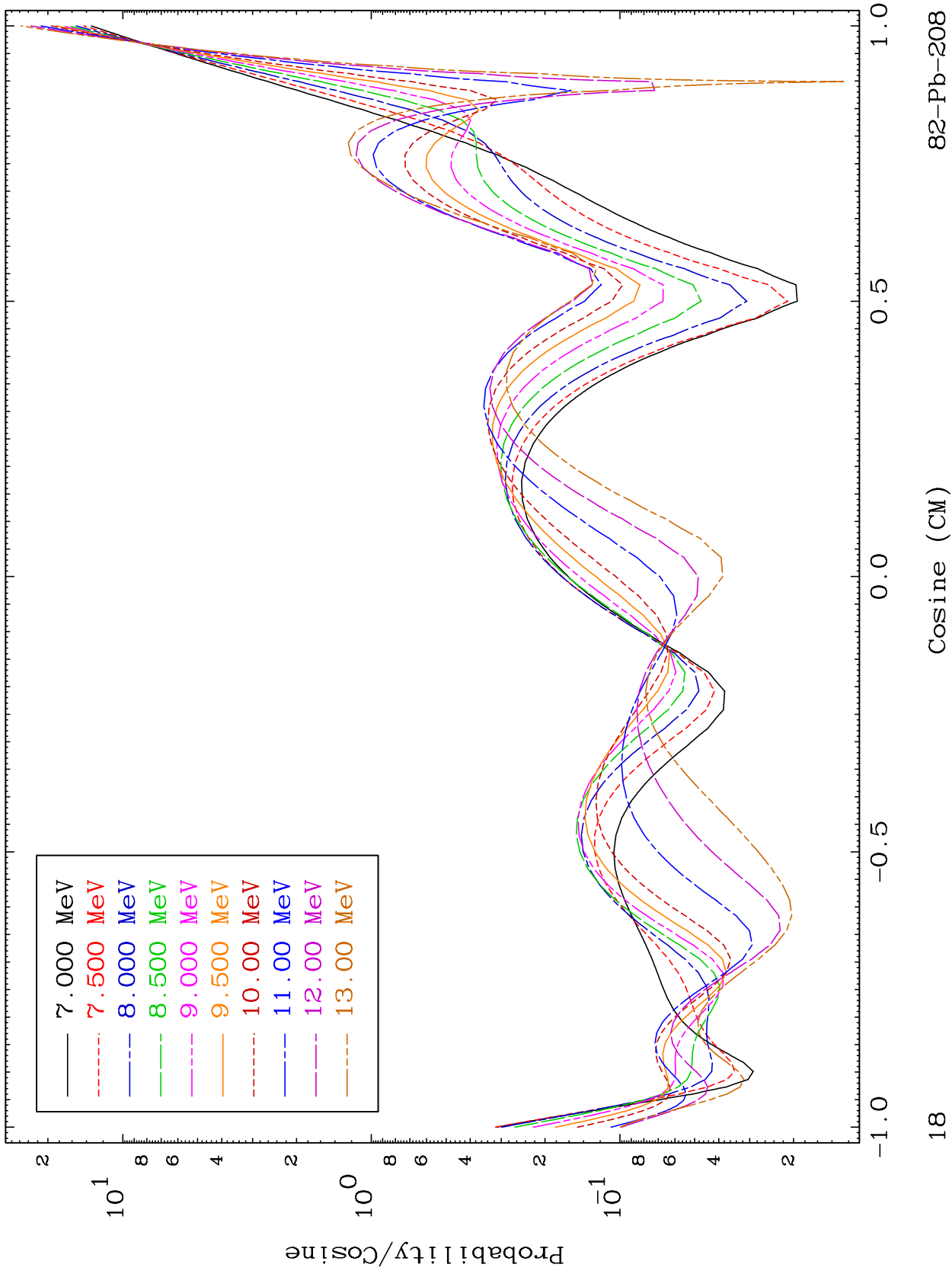
Elastic
Angular Distributions



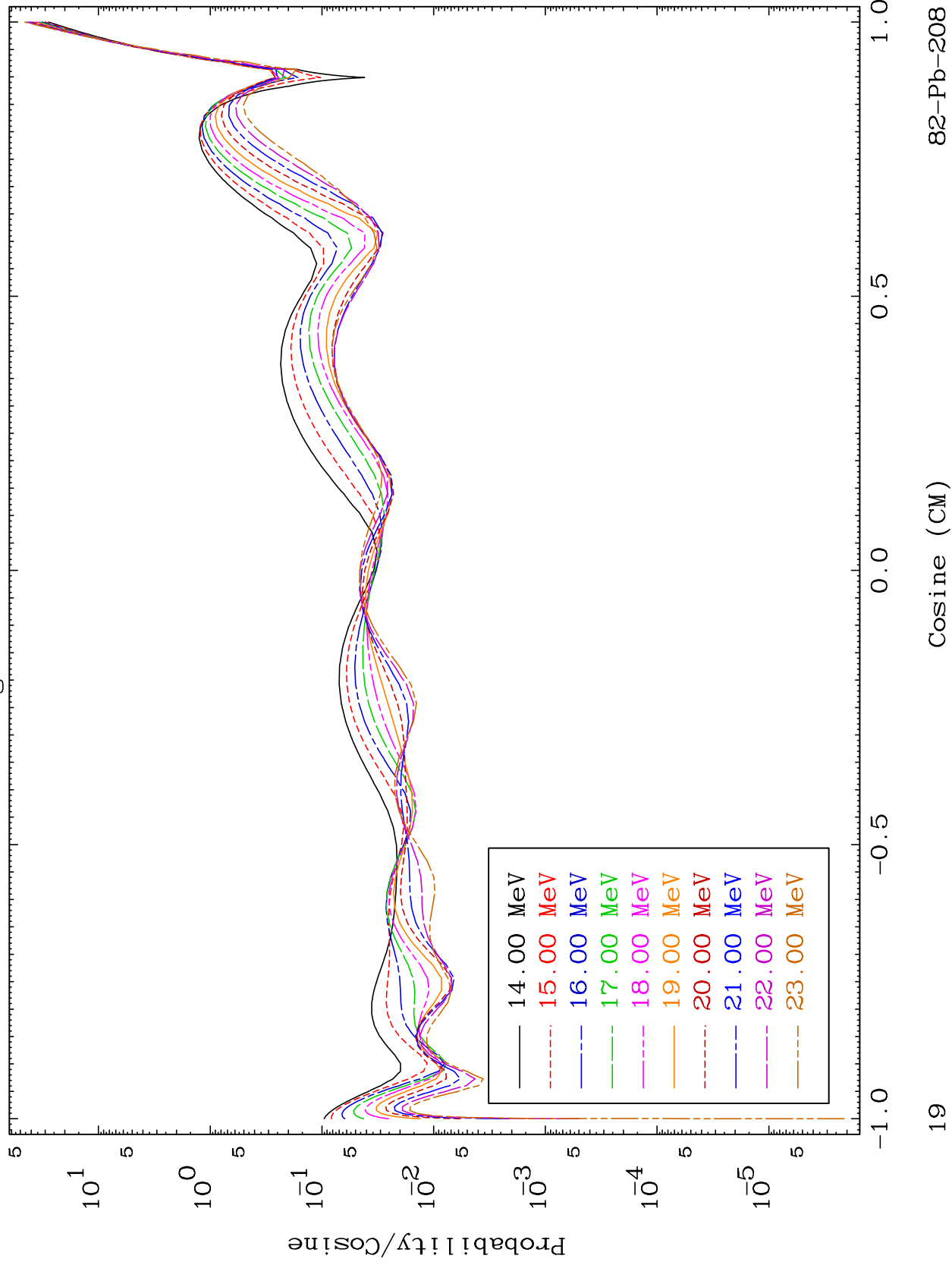
Elastic
Angular Distributions



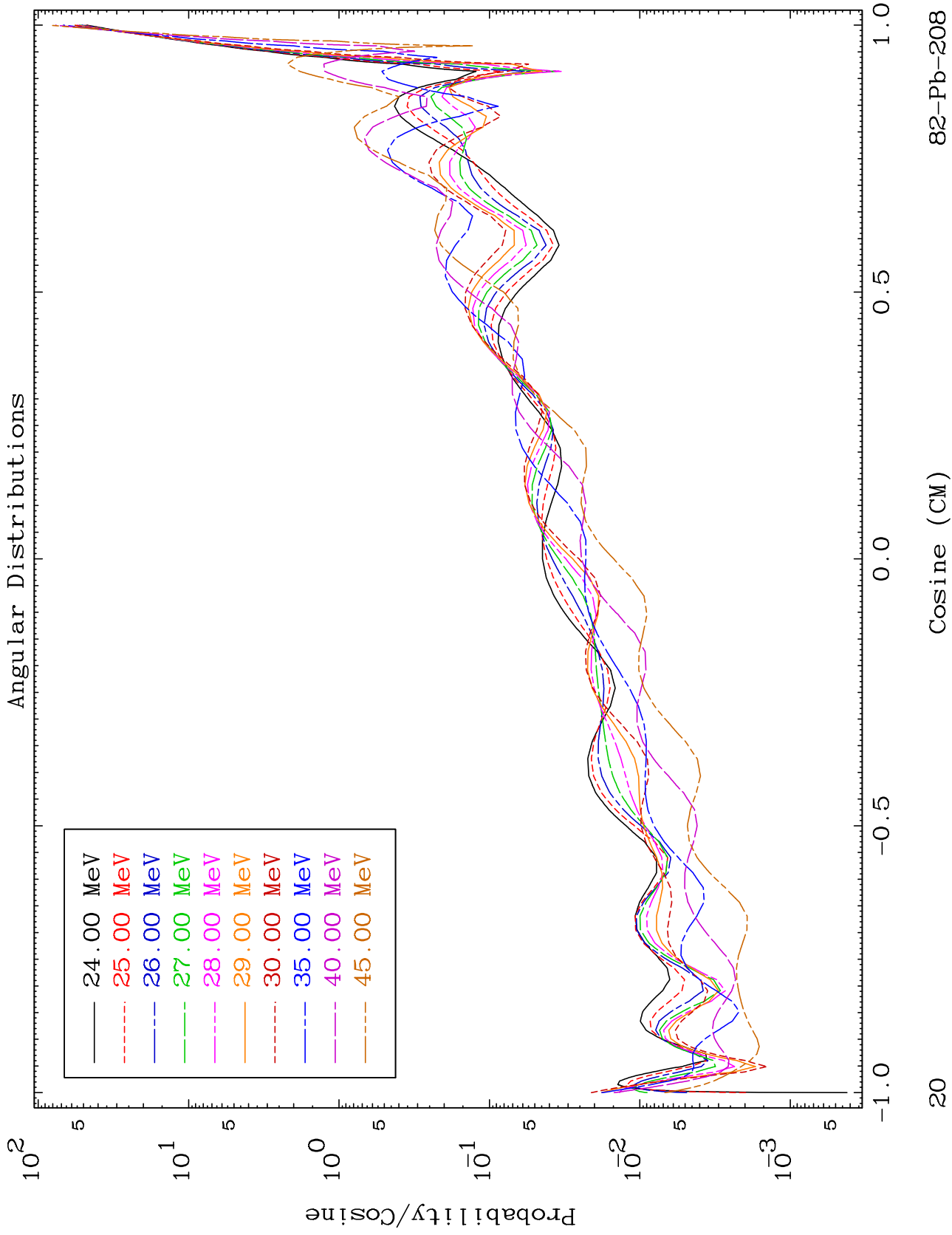
Elastic
Angular Distributions



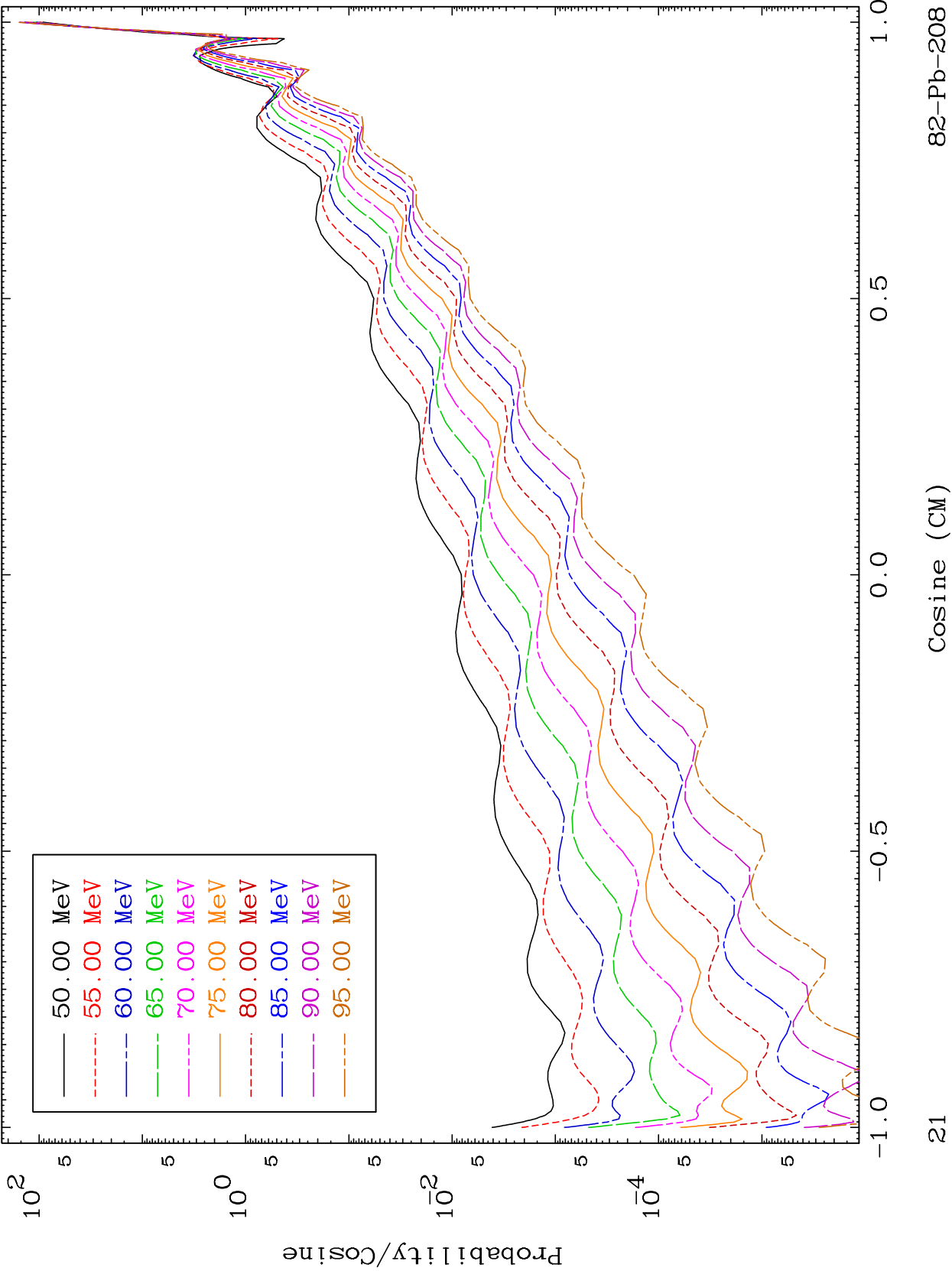
Elastic
Angular Distributions



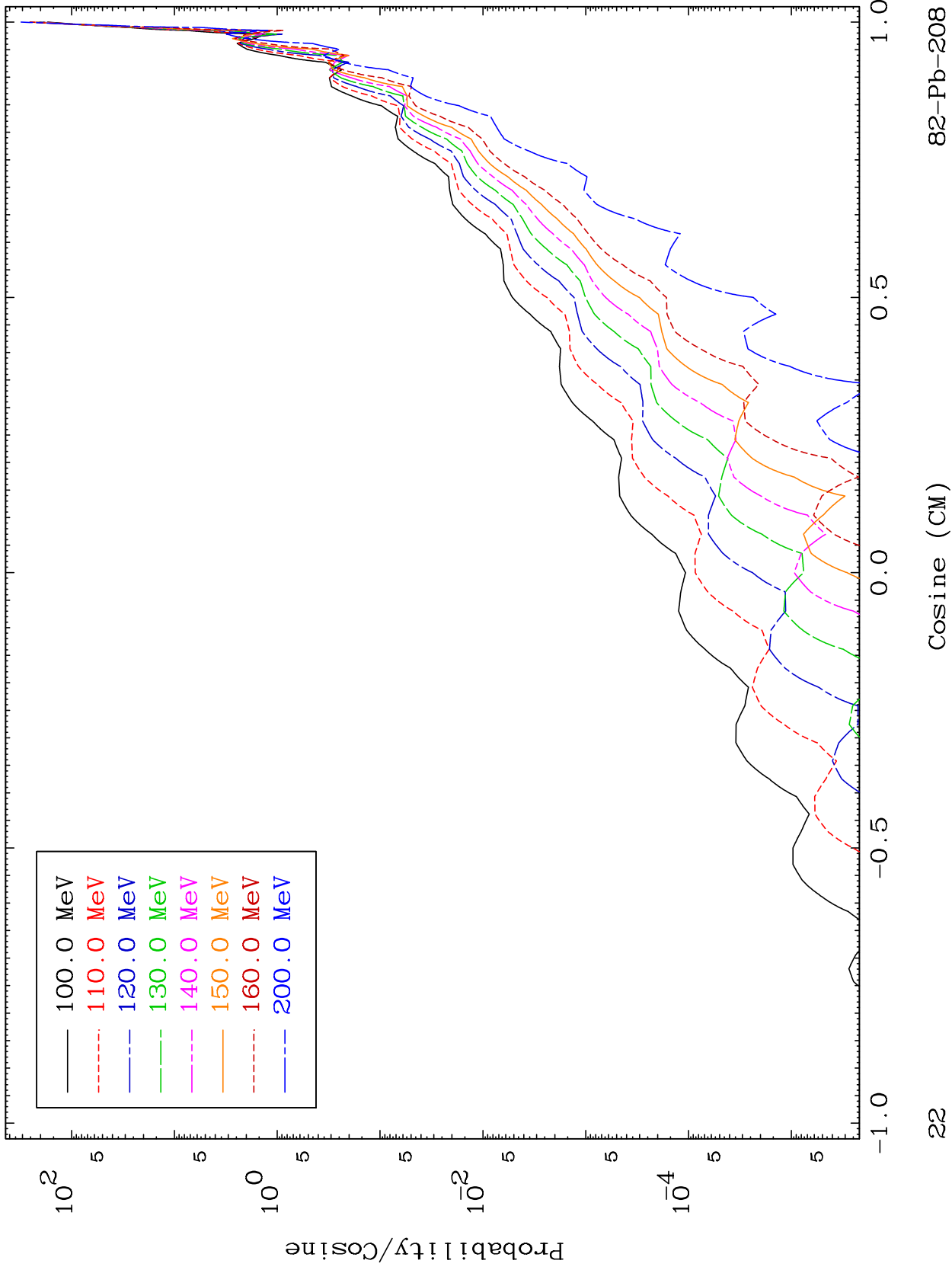
Elastic
Angular Distributions



Elastic
Angular Distributions



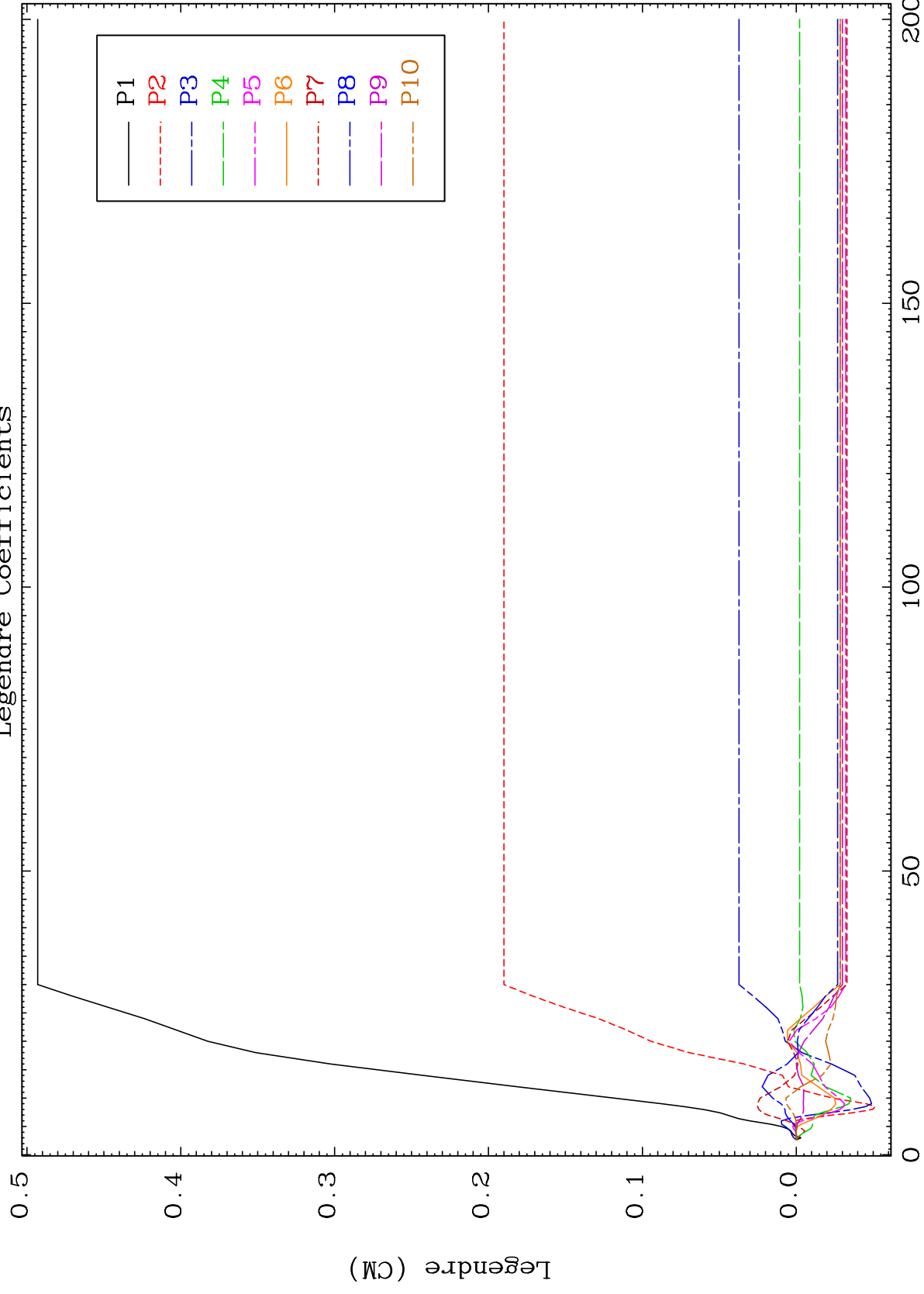
Elastic
Angular Distributions



MAT 8237

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

82-Pb-208



23

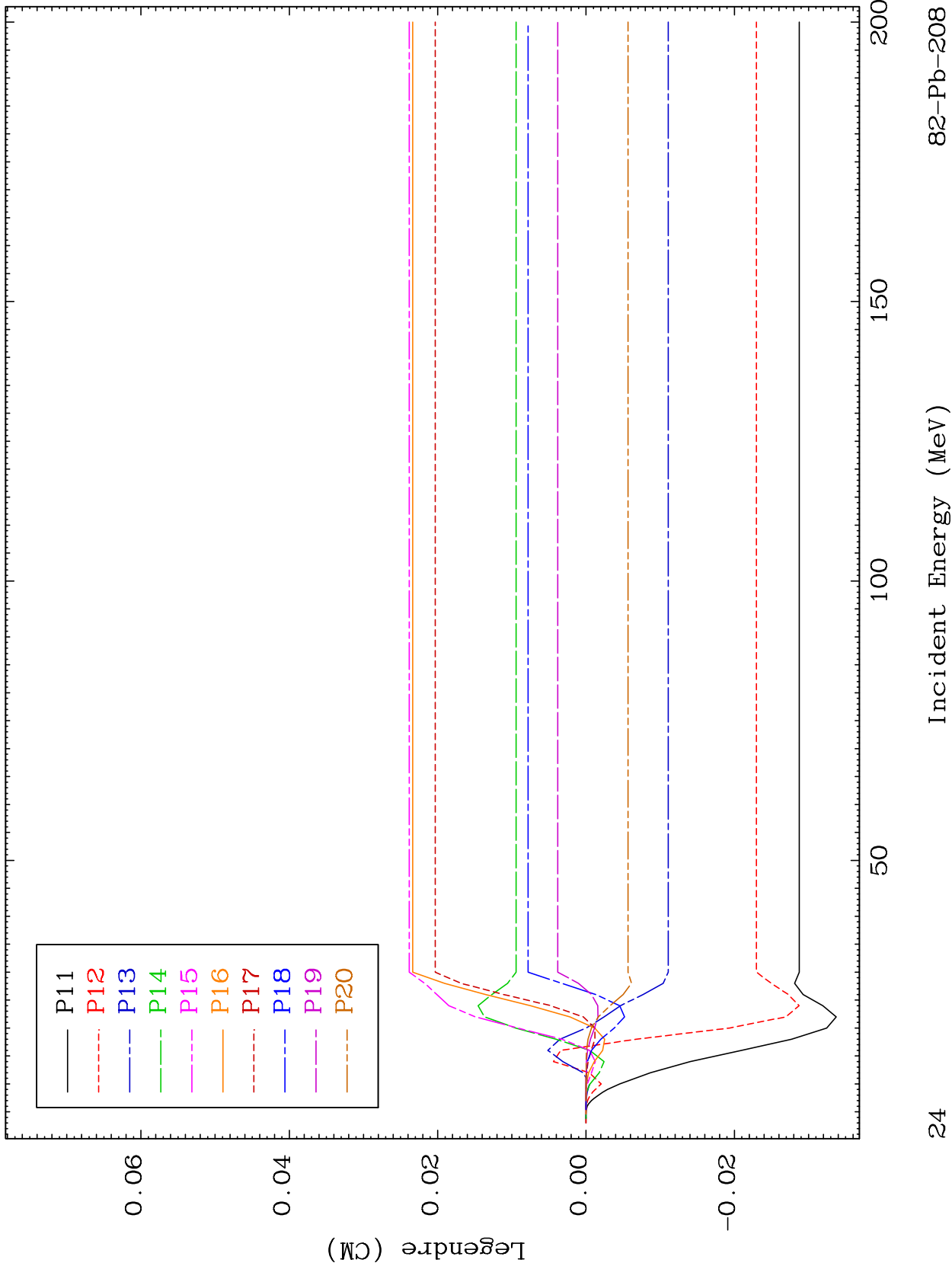
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

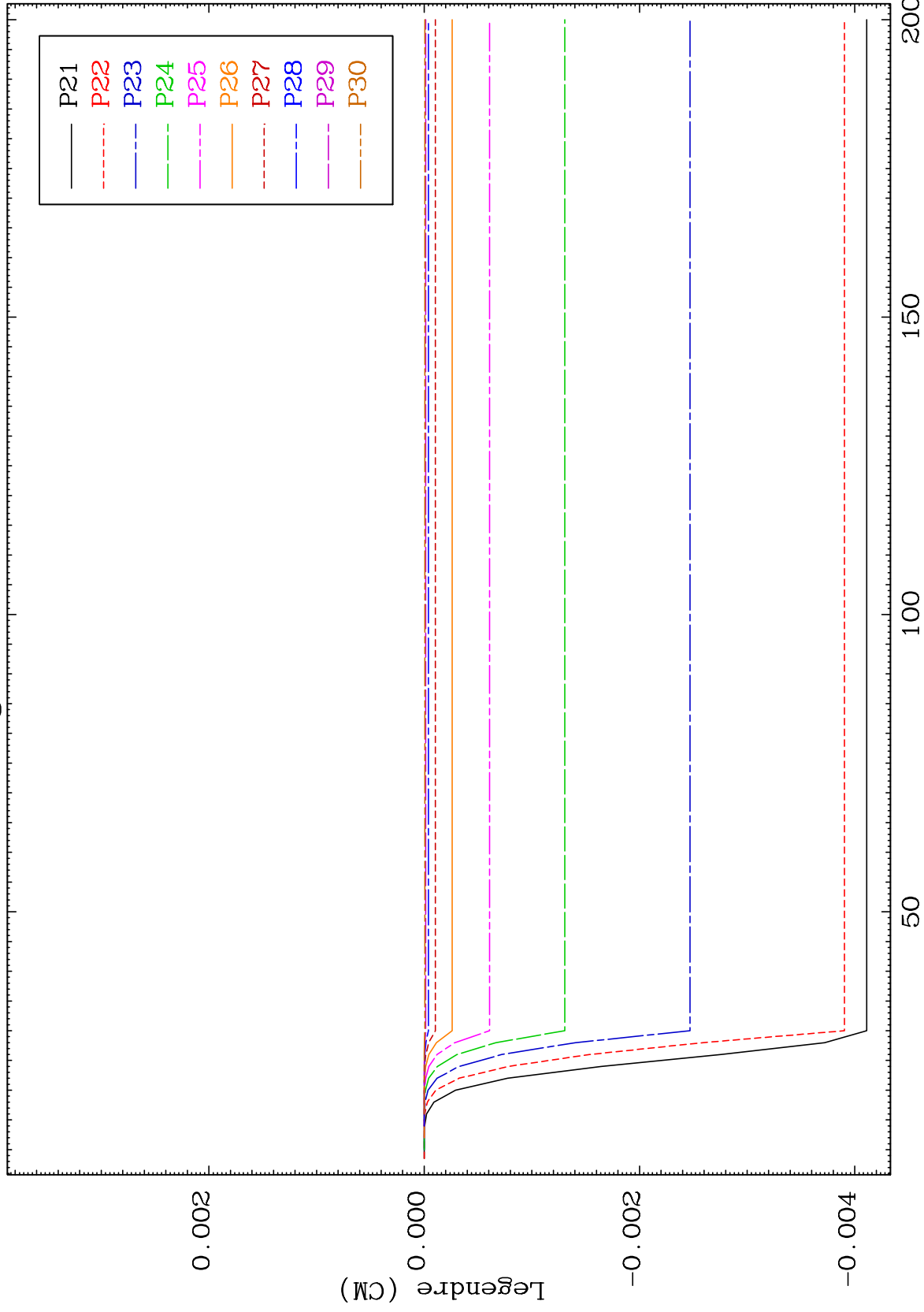
82-Pb-208



MAT 8237

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

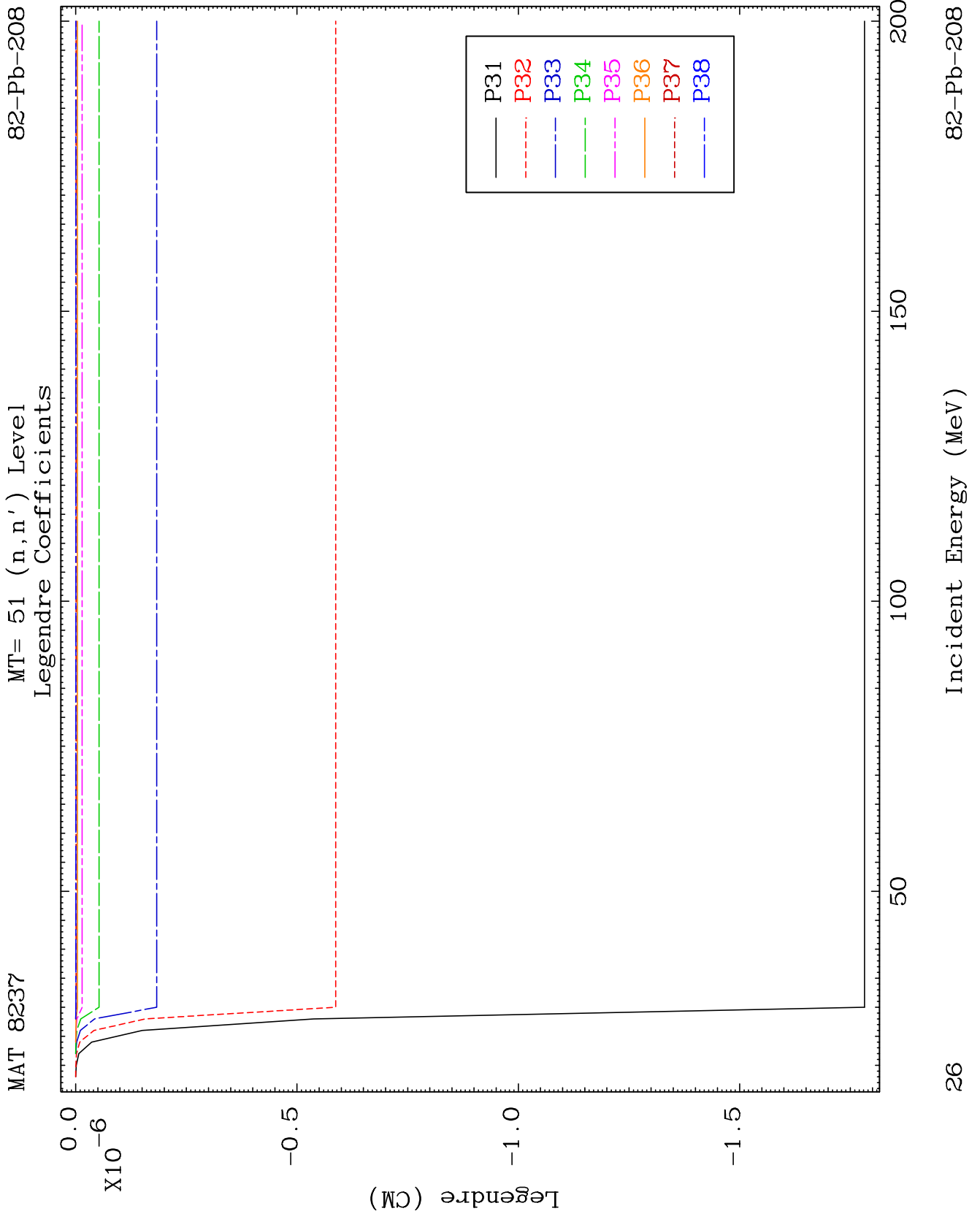
82-Pb-208



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Incident Energy (MeV)

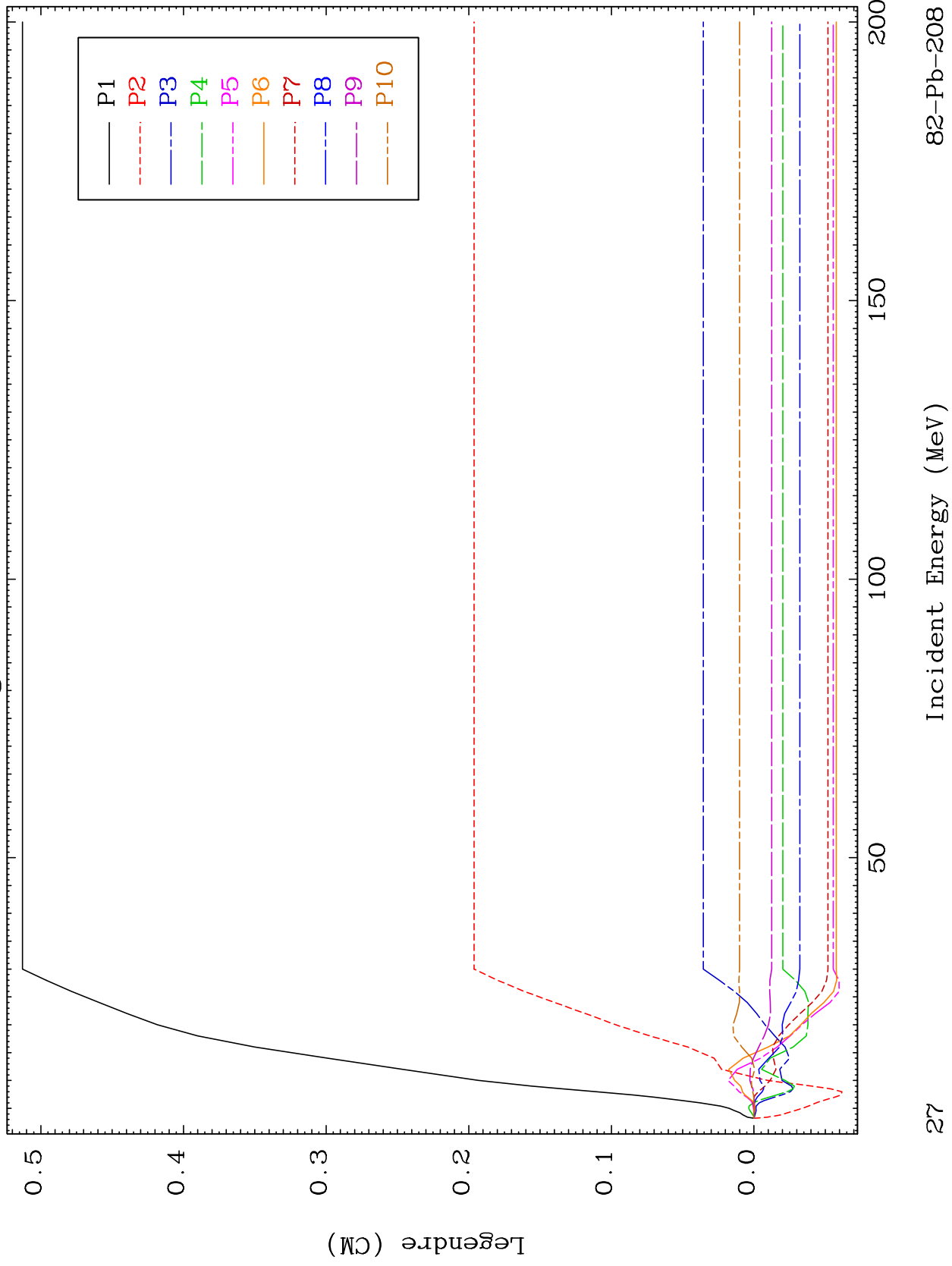
82-Pb-208

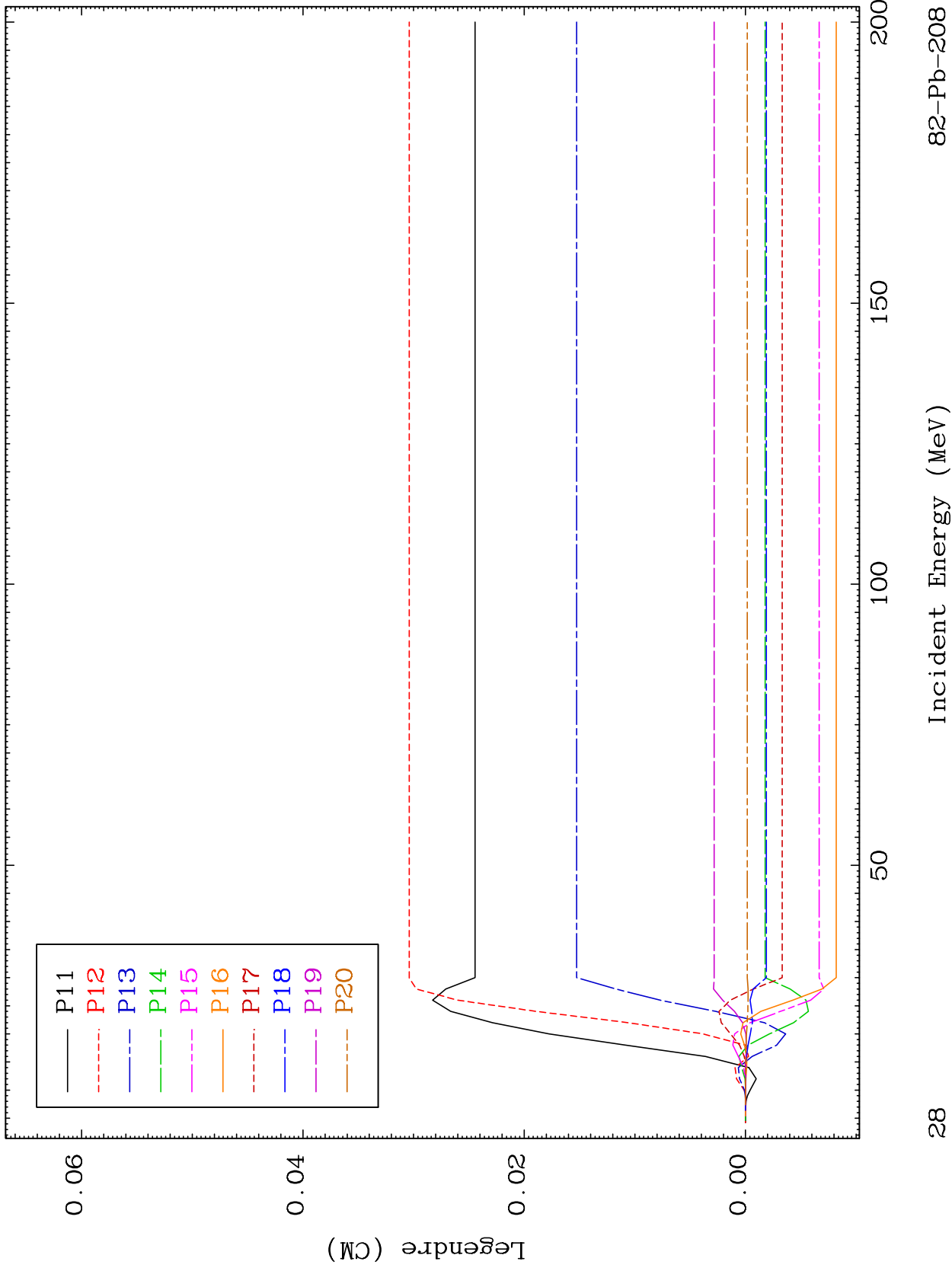


MAT 8237

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

82-Pb-208

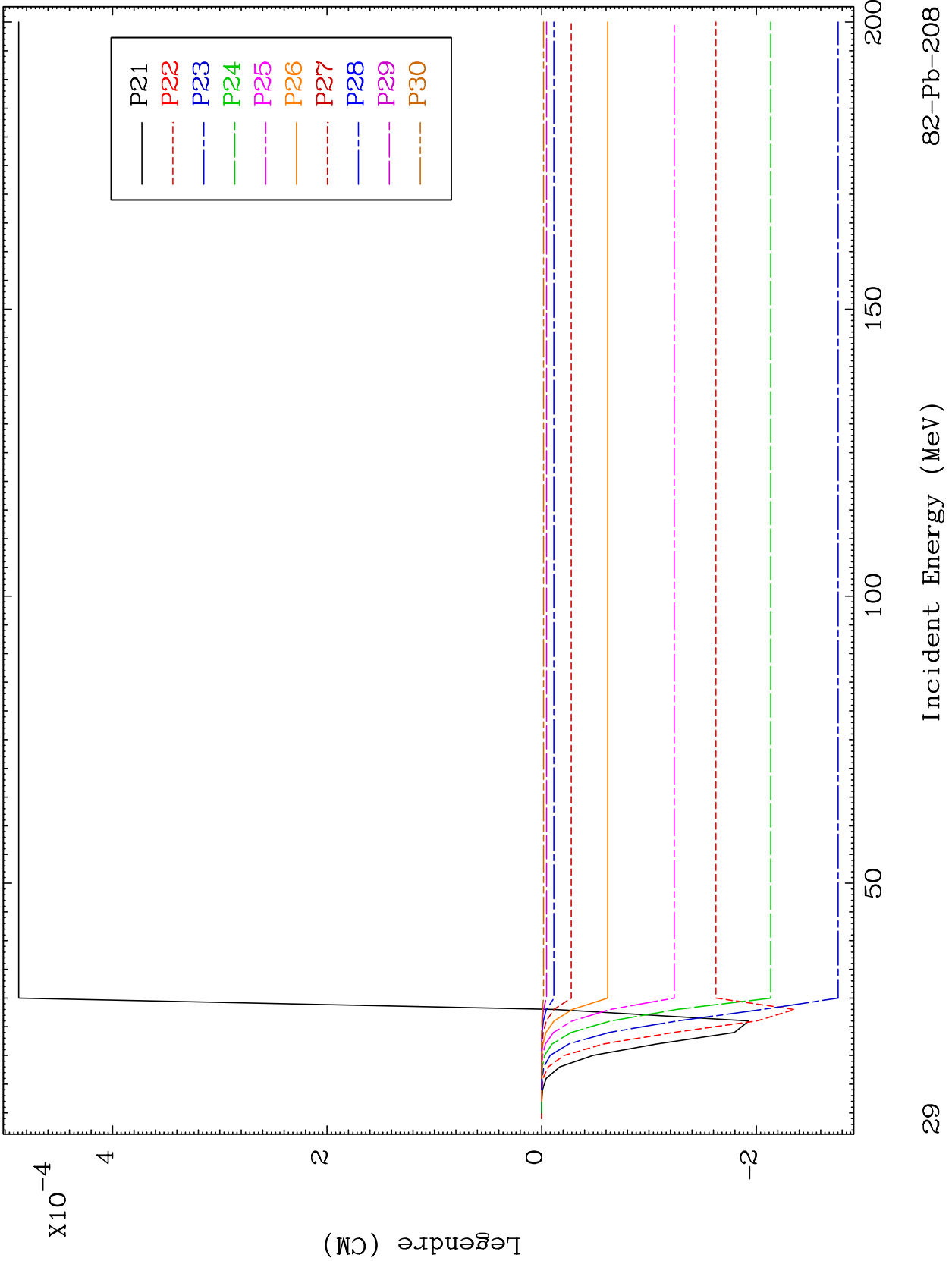


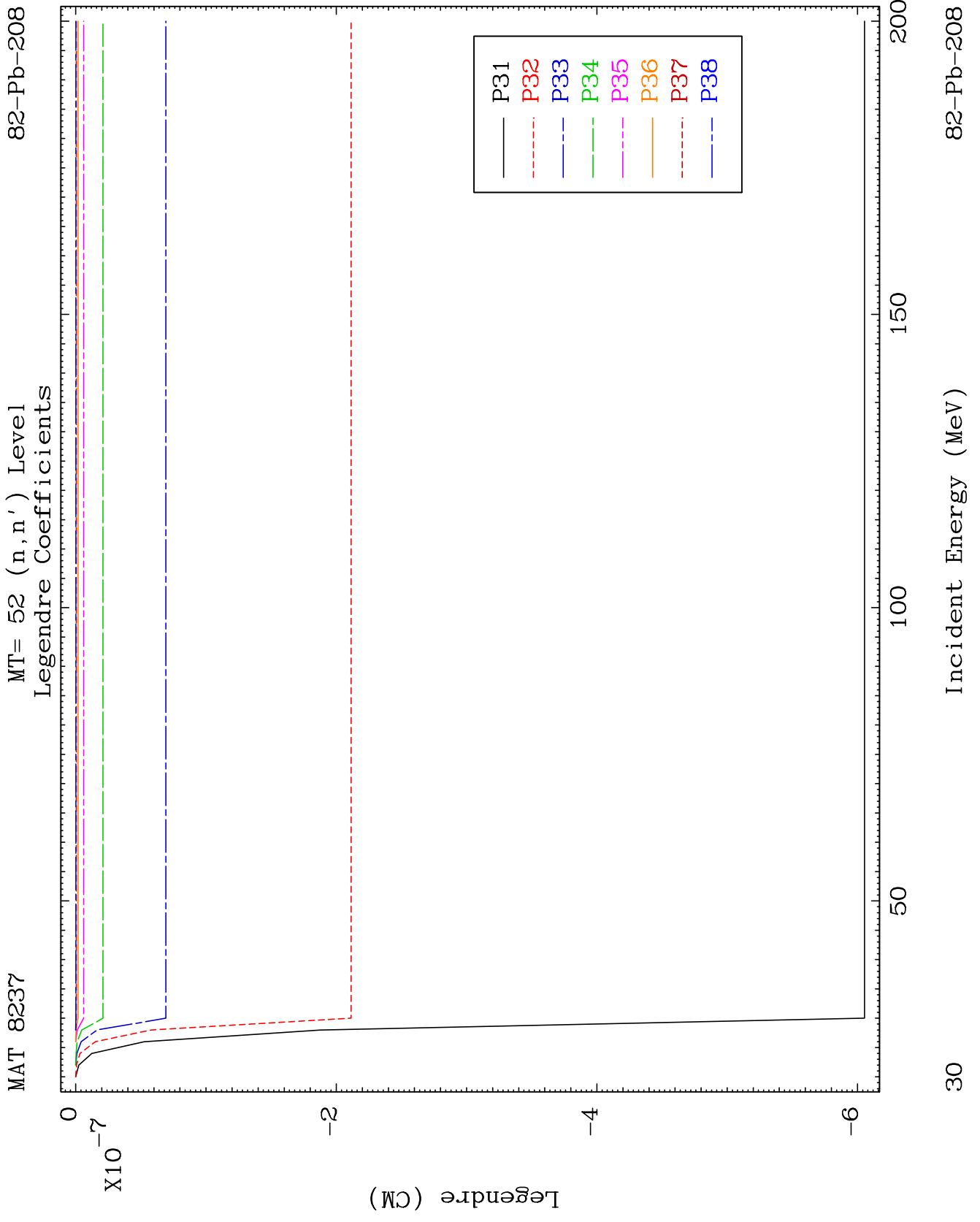


MAT 8237

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

82-Pb-208

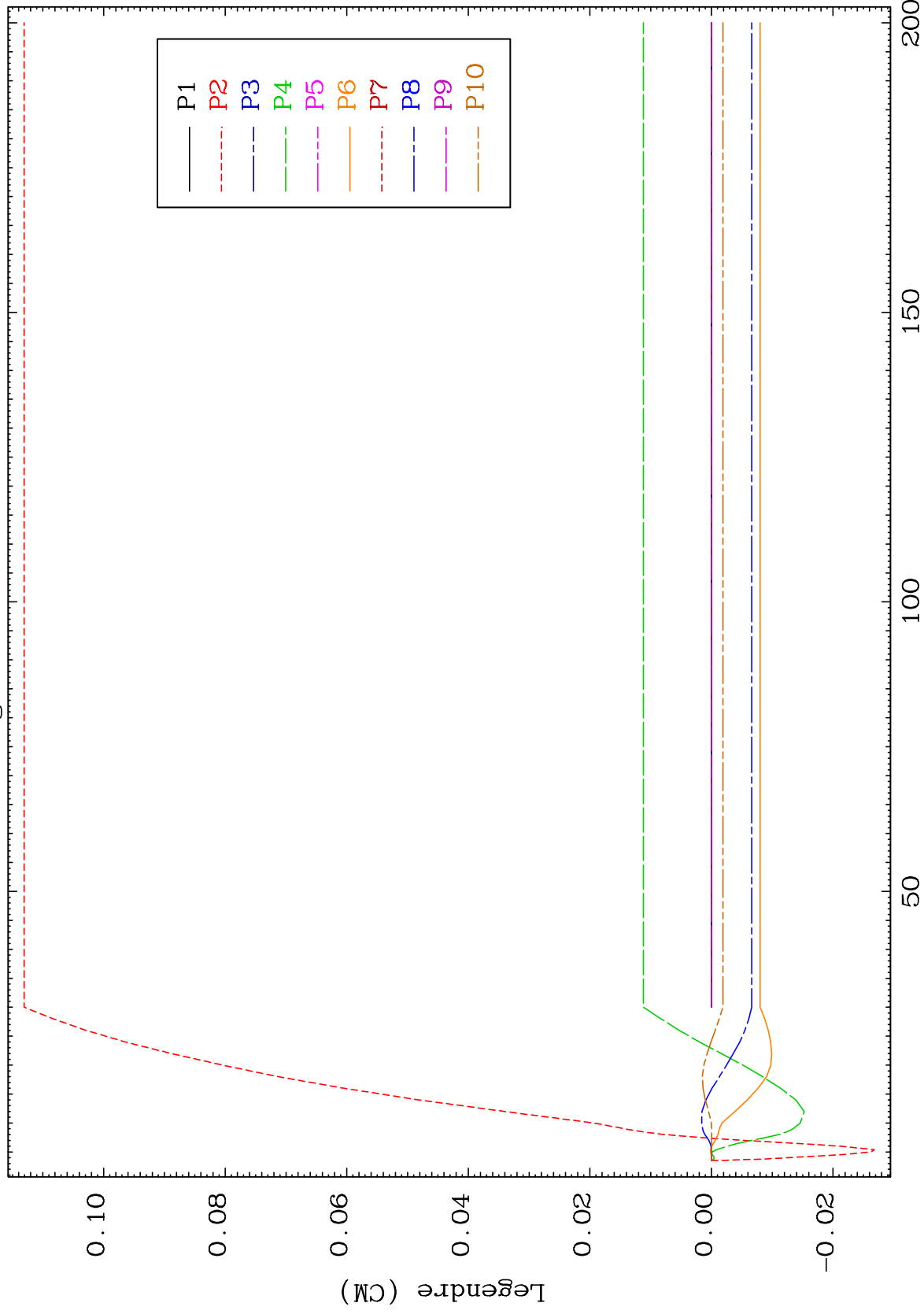




MAT 8237

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

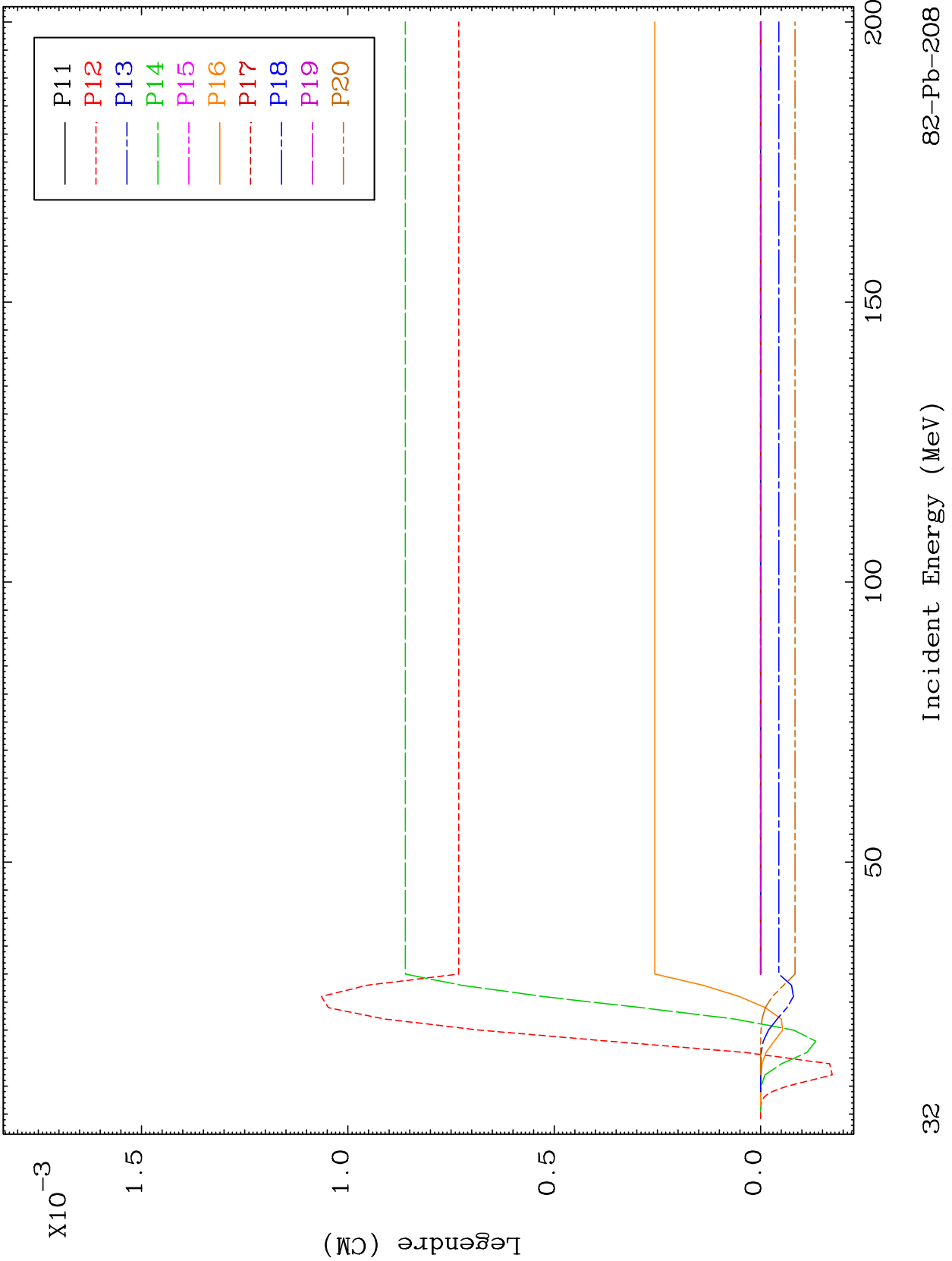
82-Pb-208



MAT 8237

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

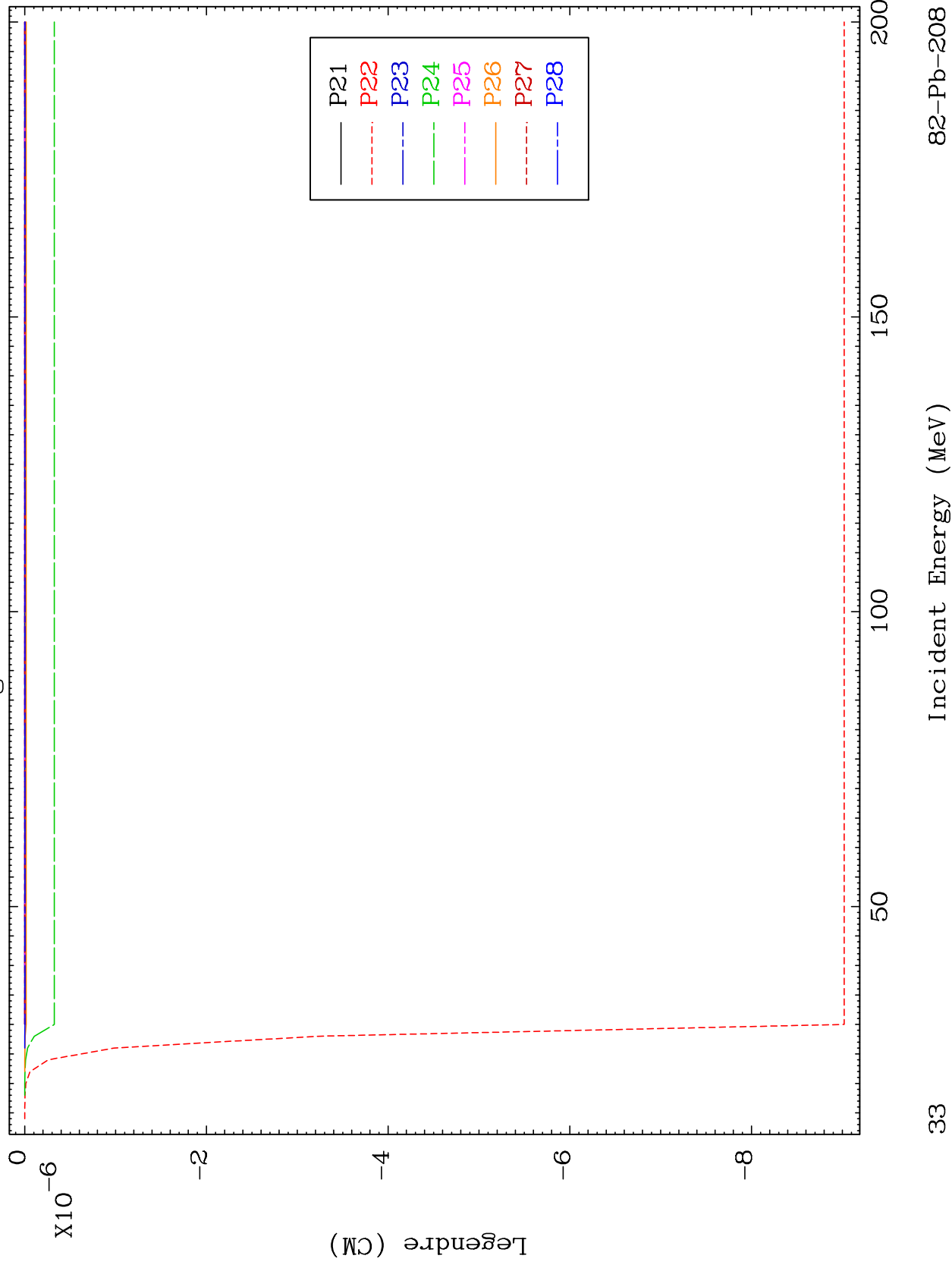
82-Pb-208



MAT 8237

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

82-Pb-208



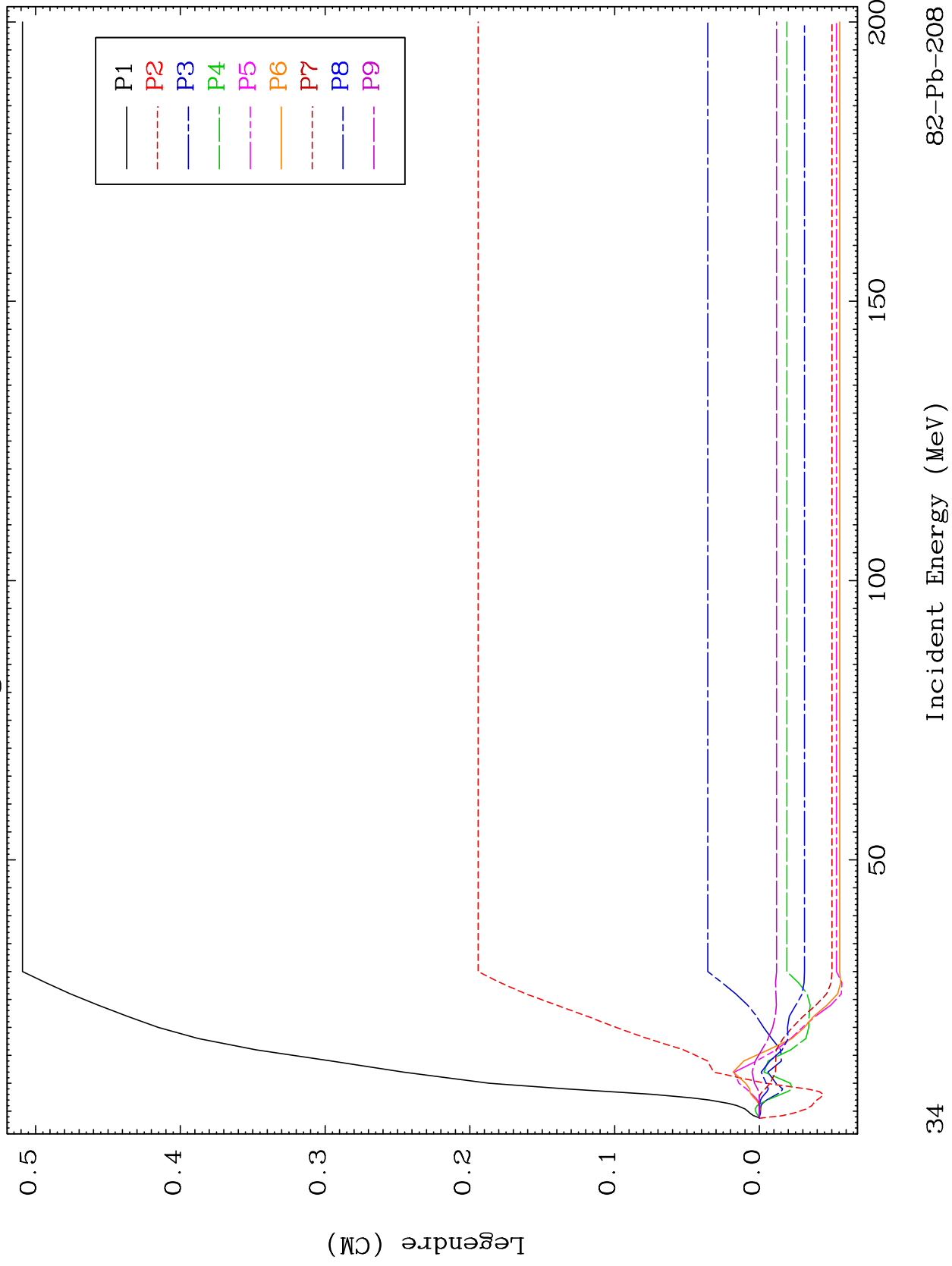
33

82-Pb-208

MAT 8237

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

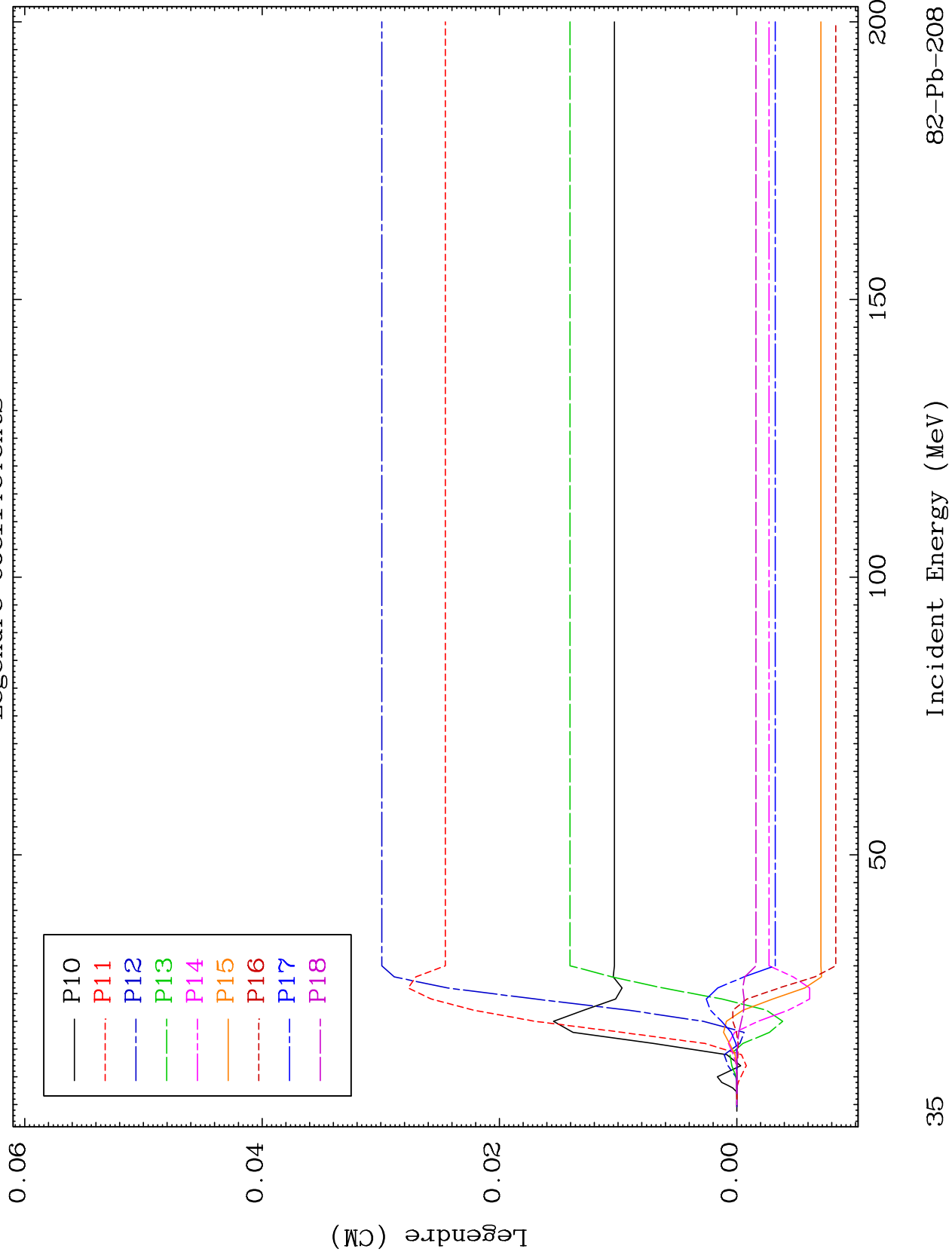
82-Pb-208



MAT 8237

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

82-Pb-208

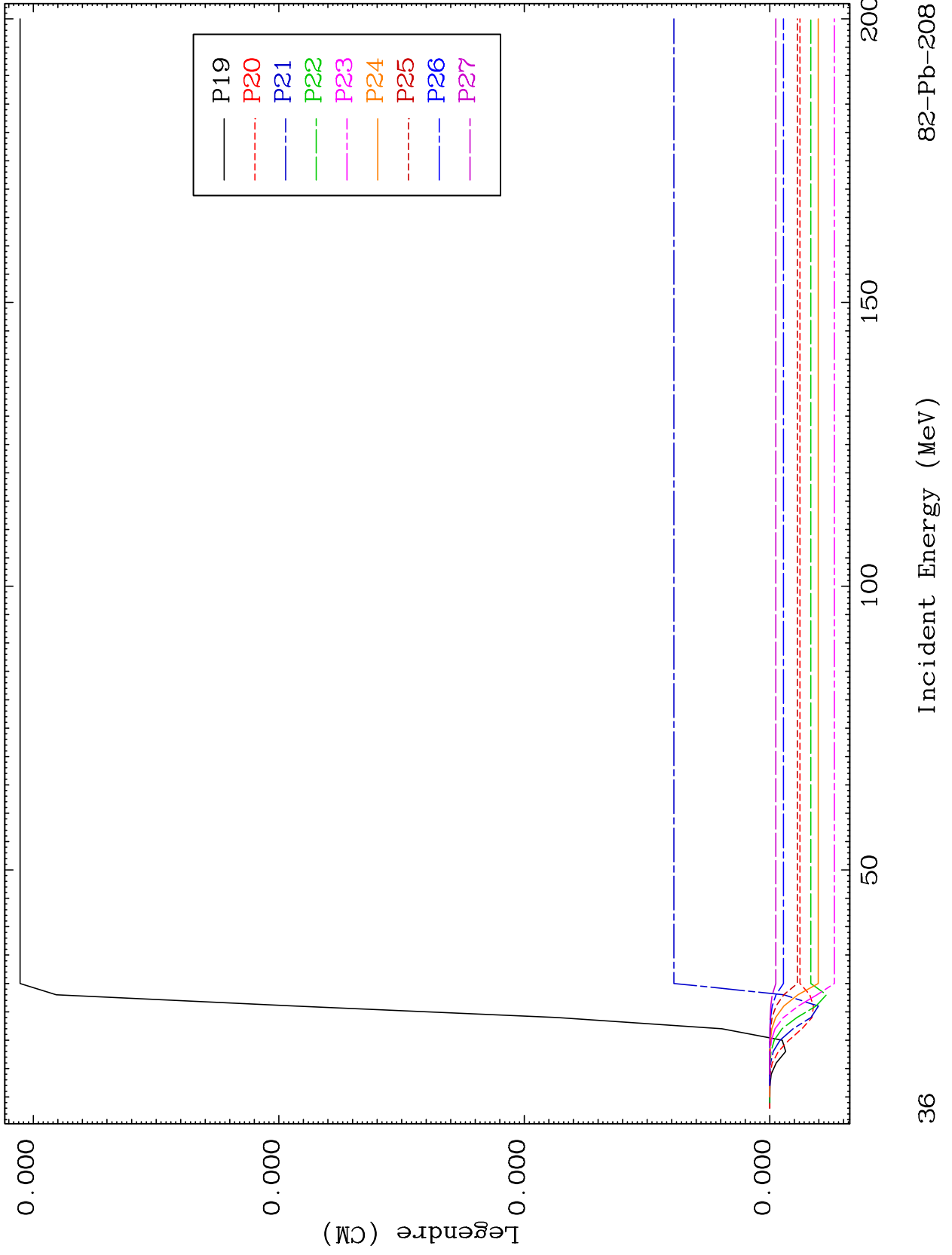


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MAT 8237

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

82-Pb-208

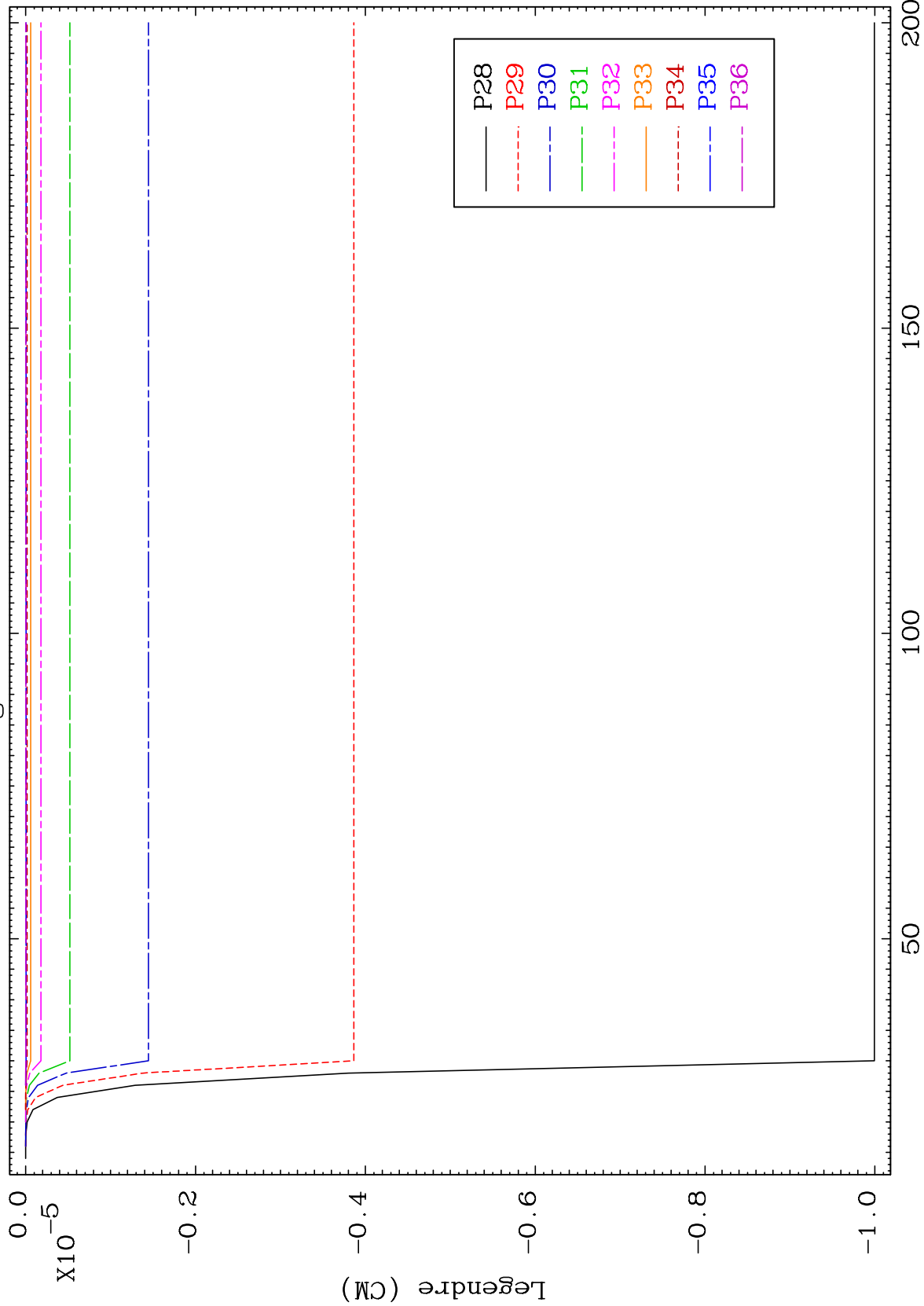


MAT 8237

MT= 54 (n,n') Level

82-Pb-208

Legendre Coefficients



37

Incident Energy (MeV)

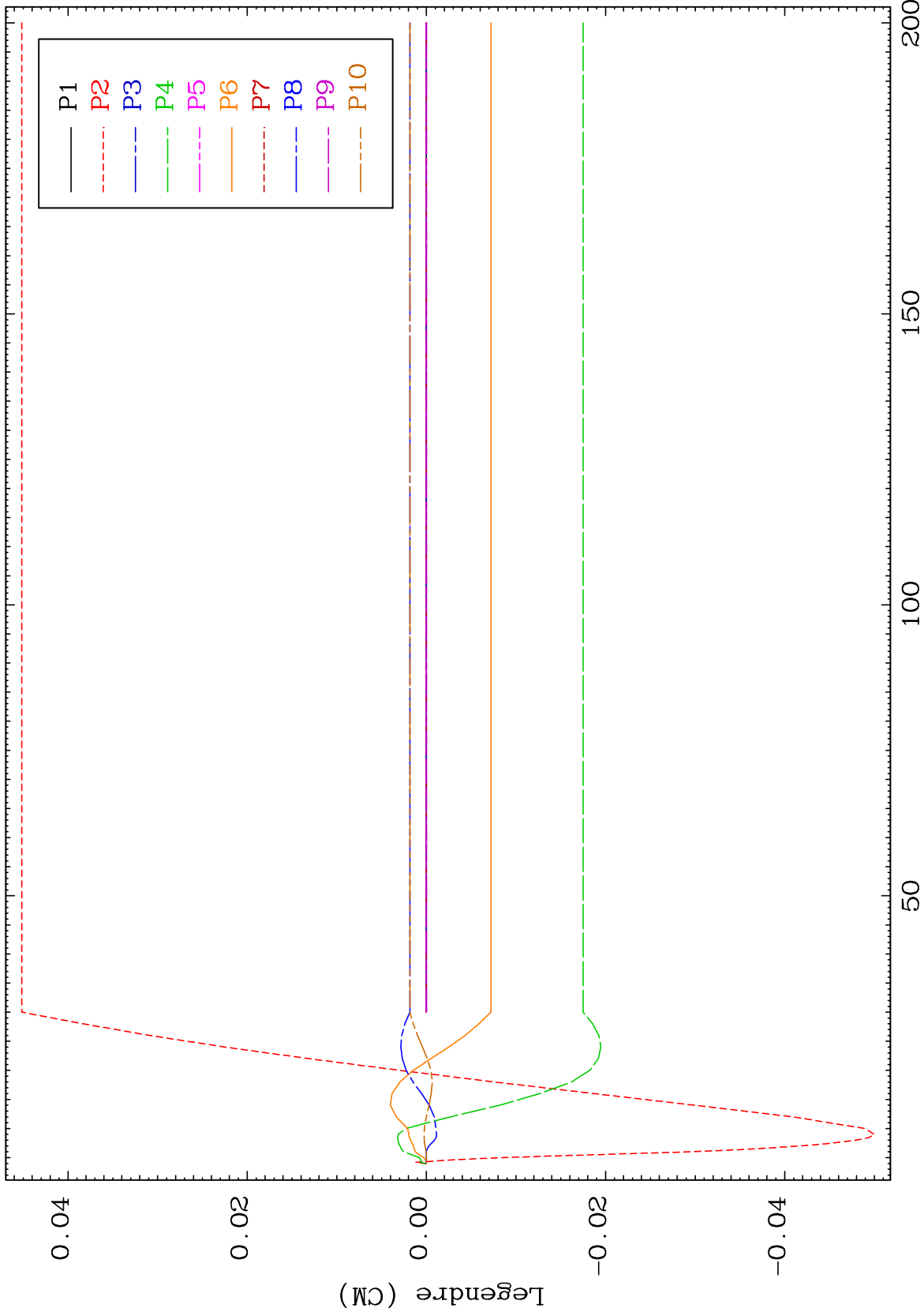
82-Pb-208

MAT 8237

MT= 55 (n,n') Level

82-Pb-208

Legendre Coefficients



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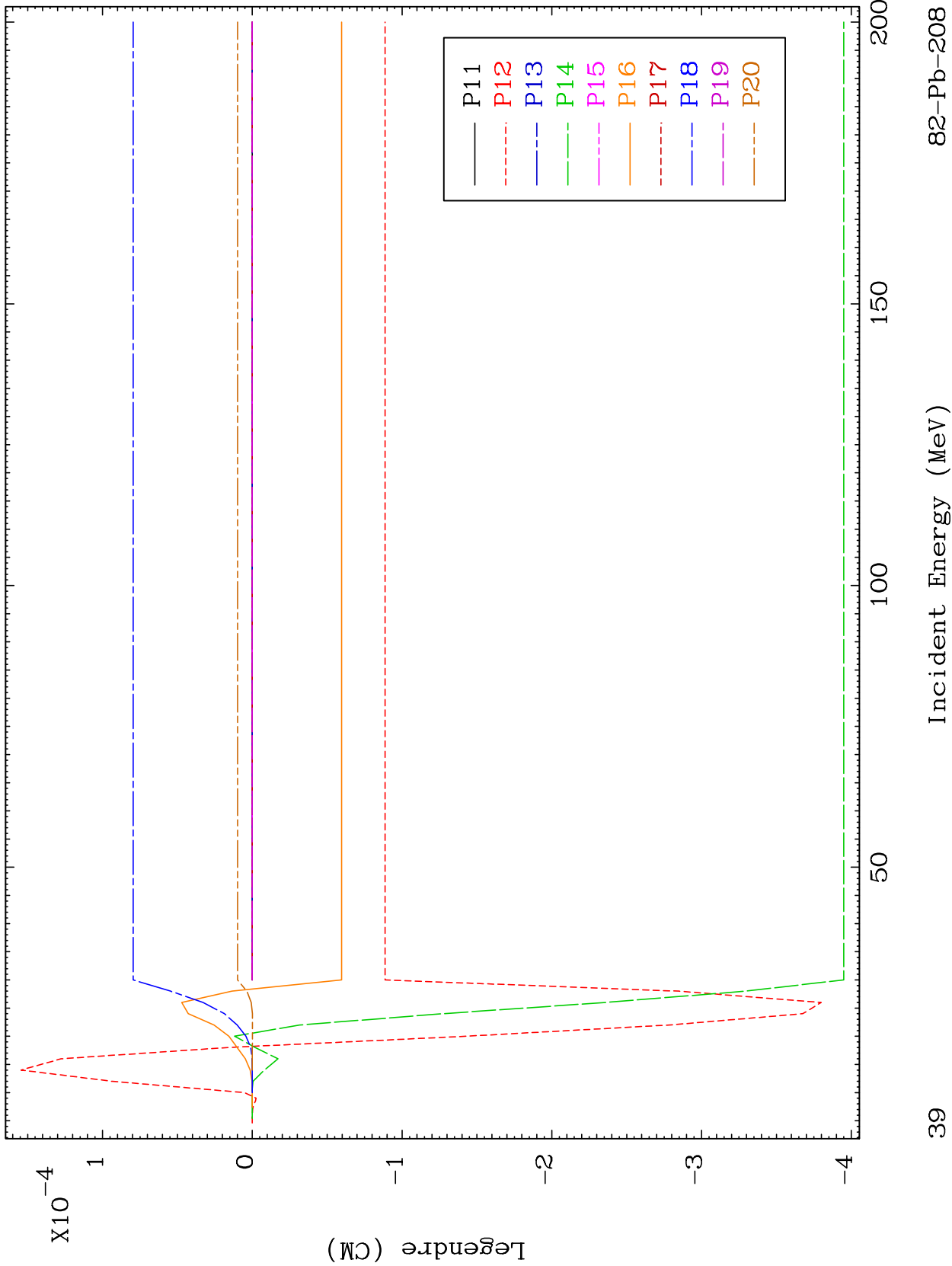
Incident Energy (MeV)

82-Pb-208

MAT 8237

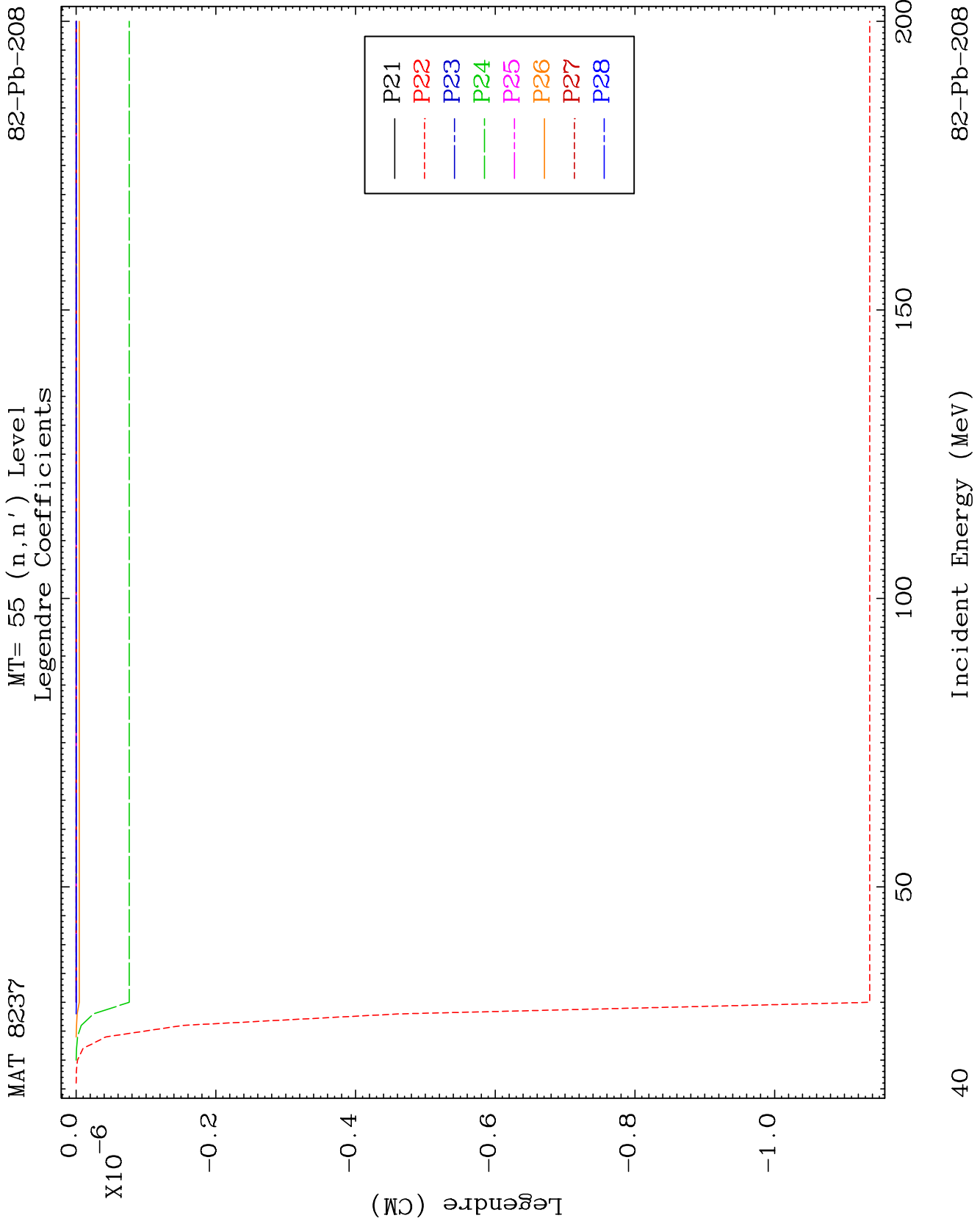
MT= 55 (n,n') Level
Legendre Coefficients

82-Pb-208



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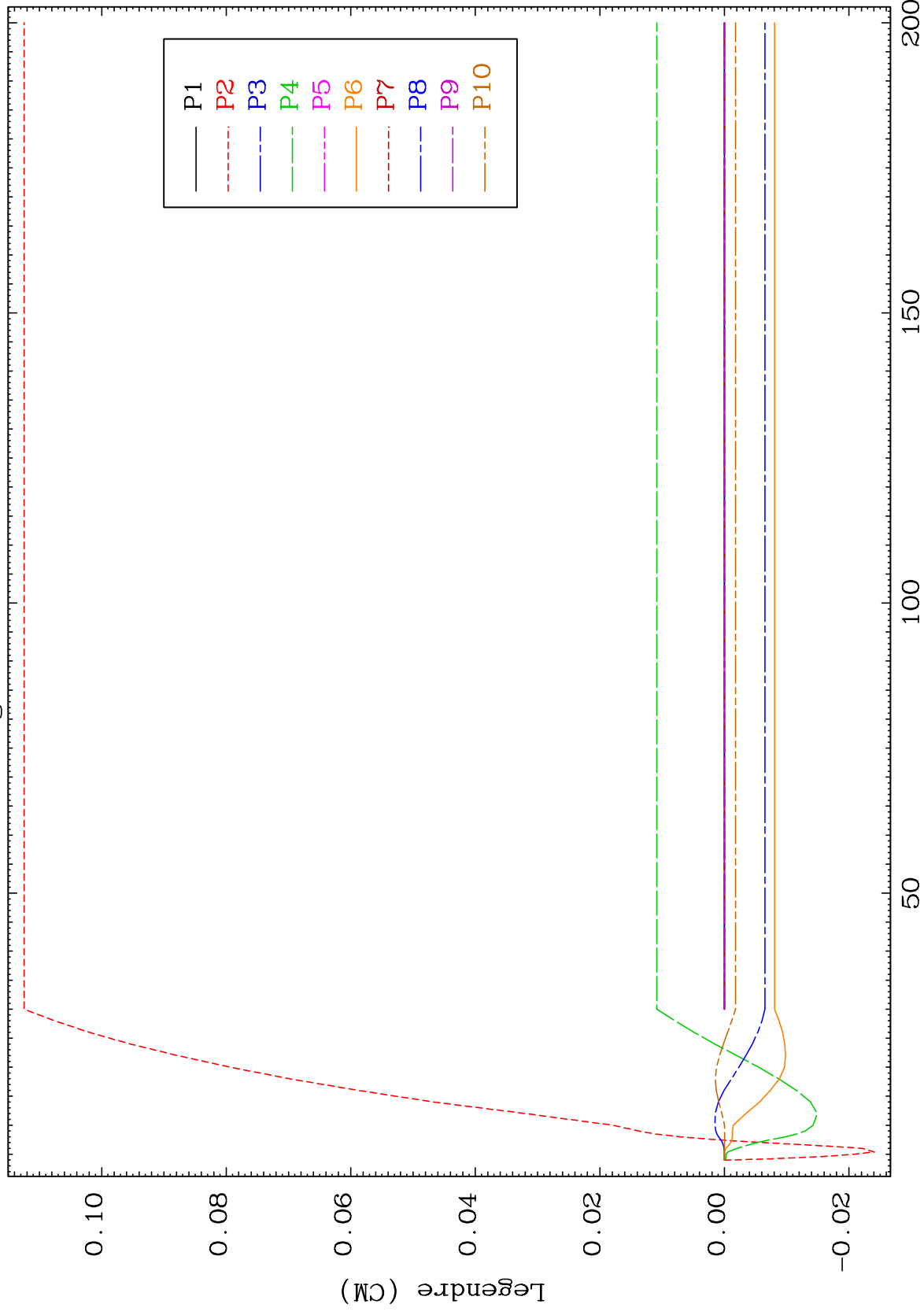
82-Pb-208



MAT 8237

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

82-Pb-208



41

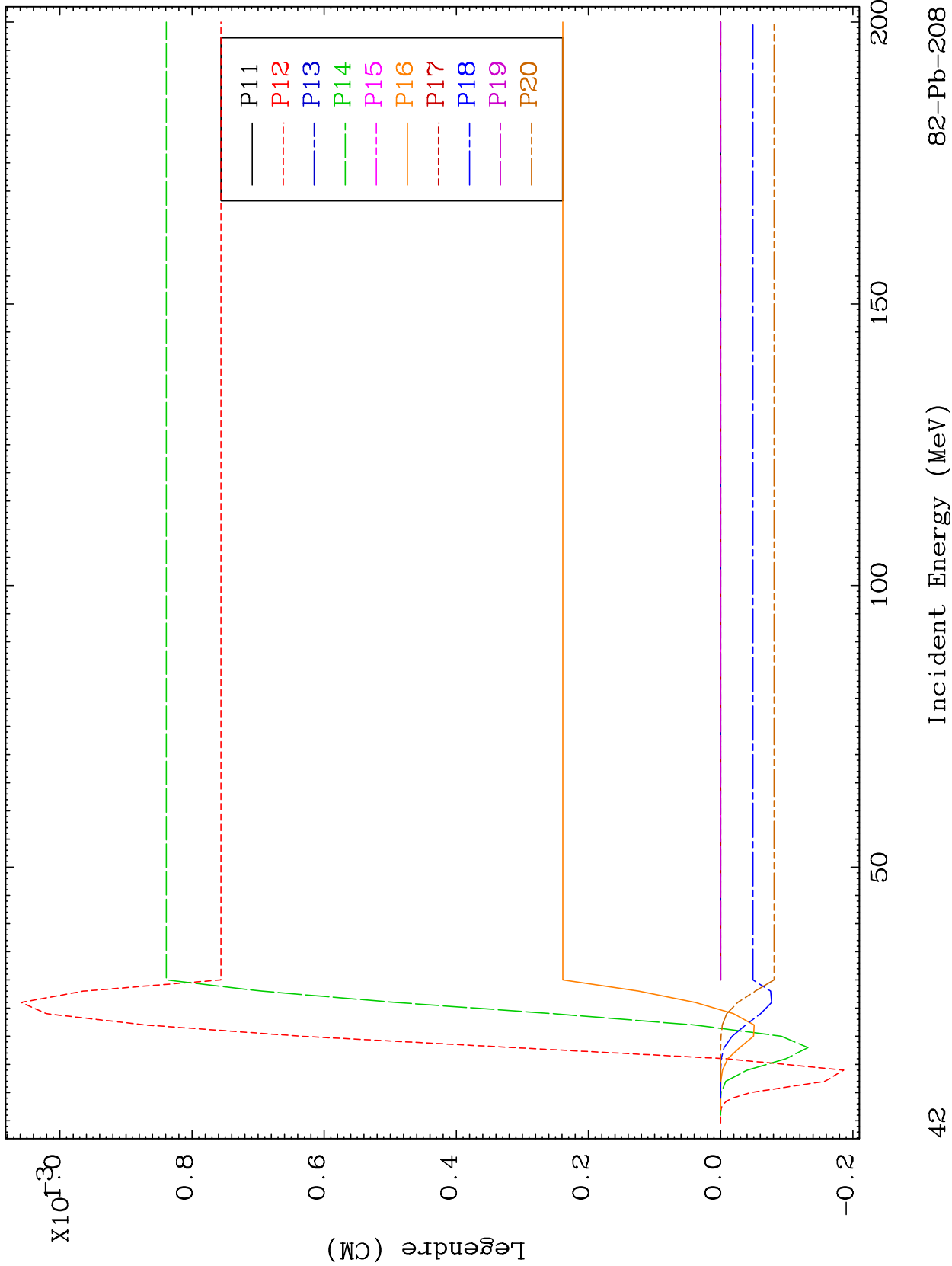
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

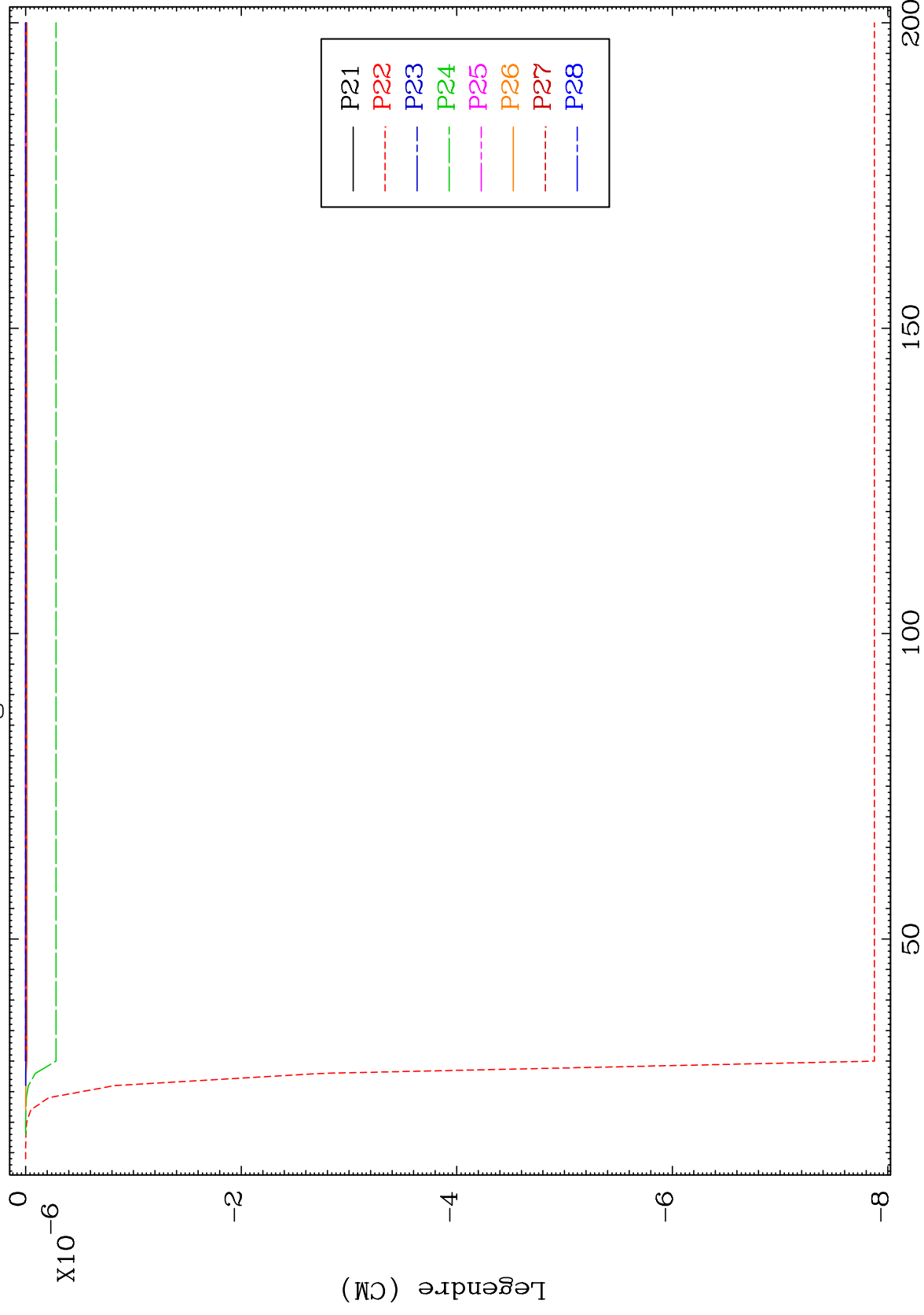
82-Pb-208



MAT 8237

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

82-Pb-208



43

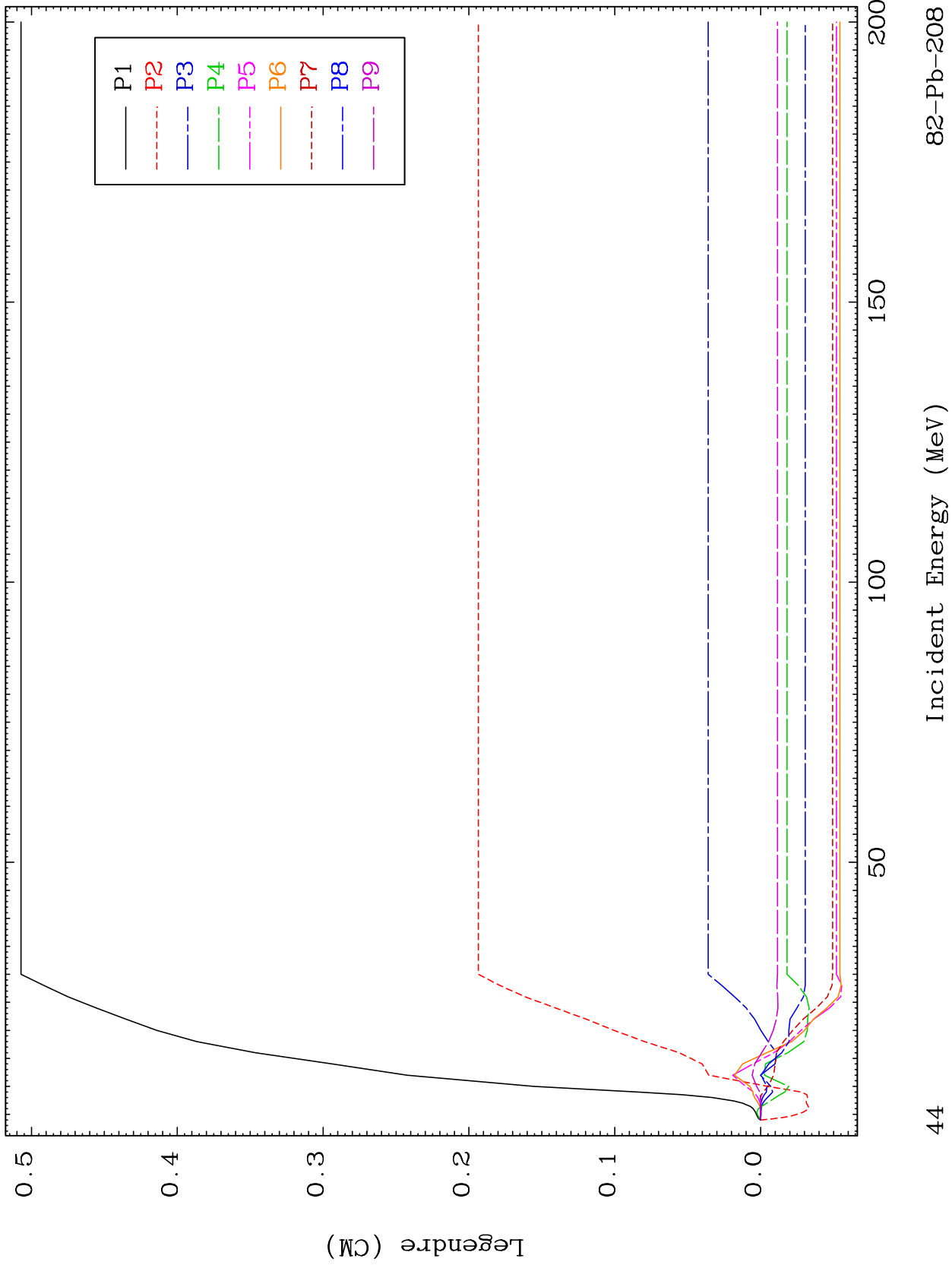
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

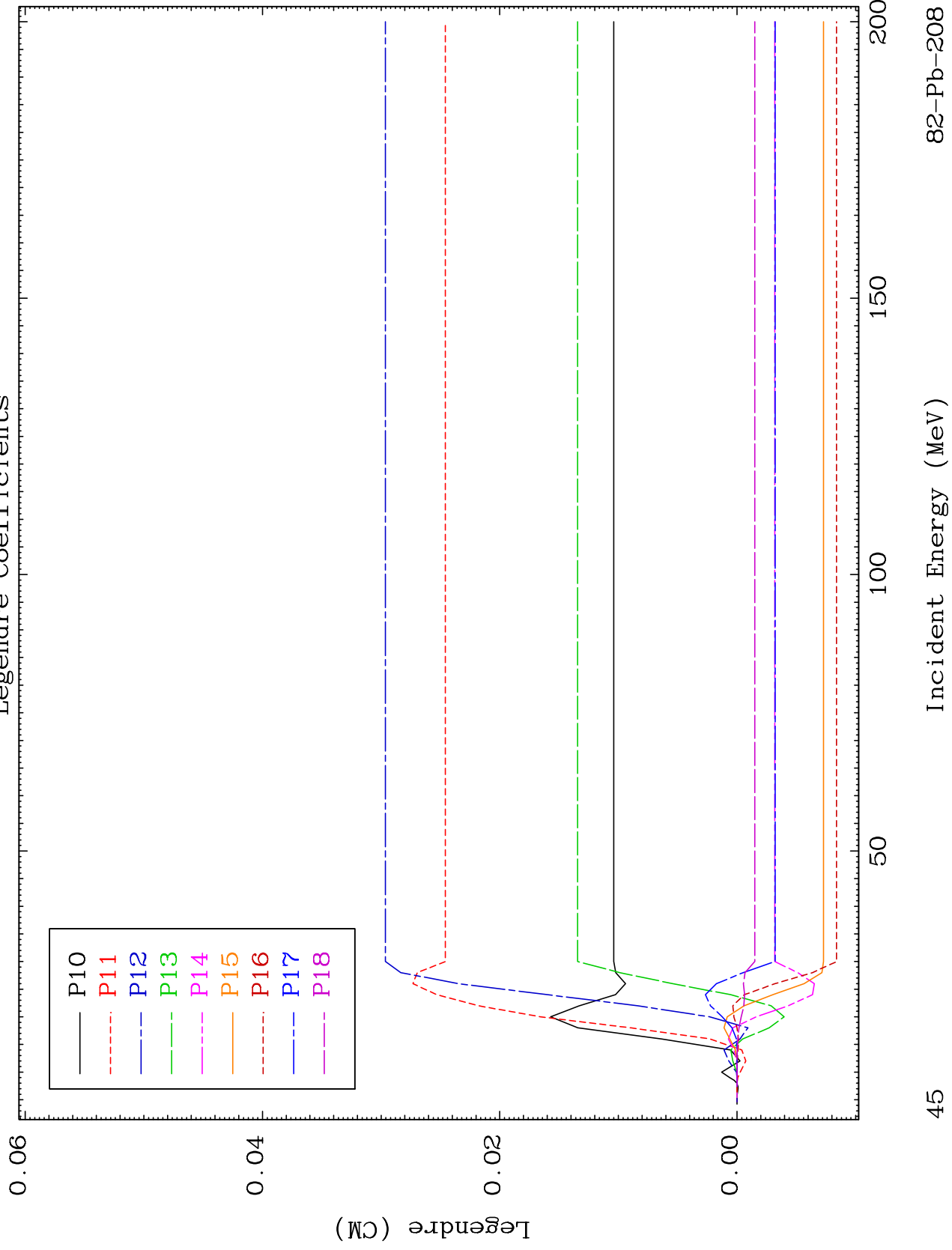
82-Pb-208



MAT 8237

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

82-Pb-208



45

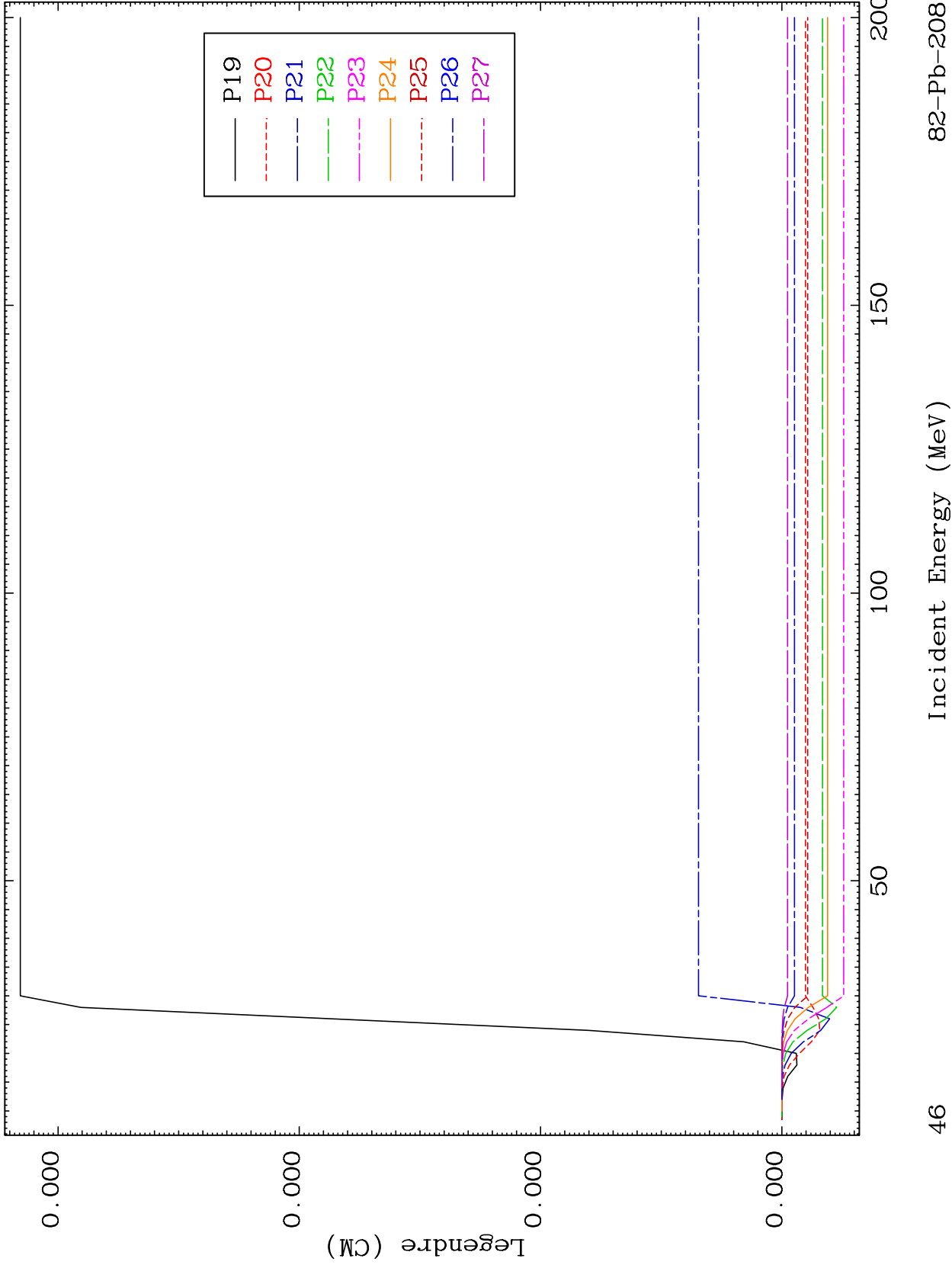
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

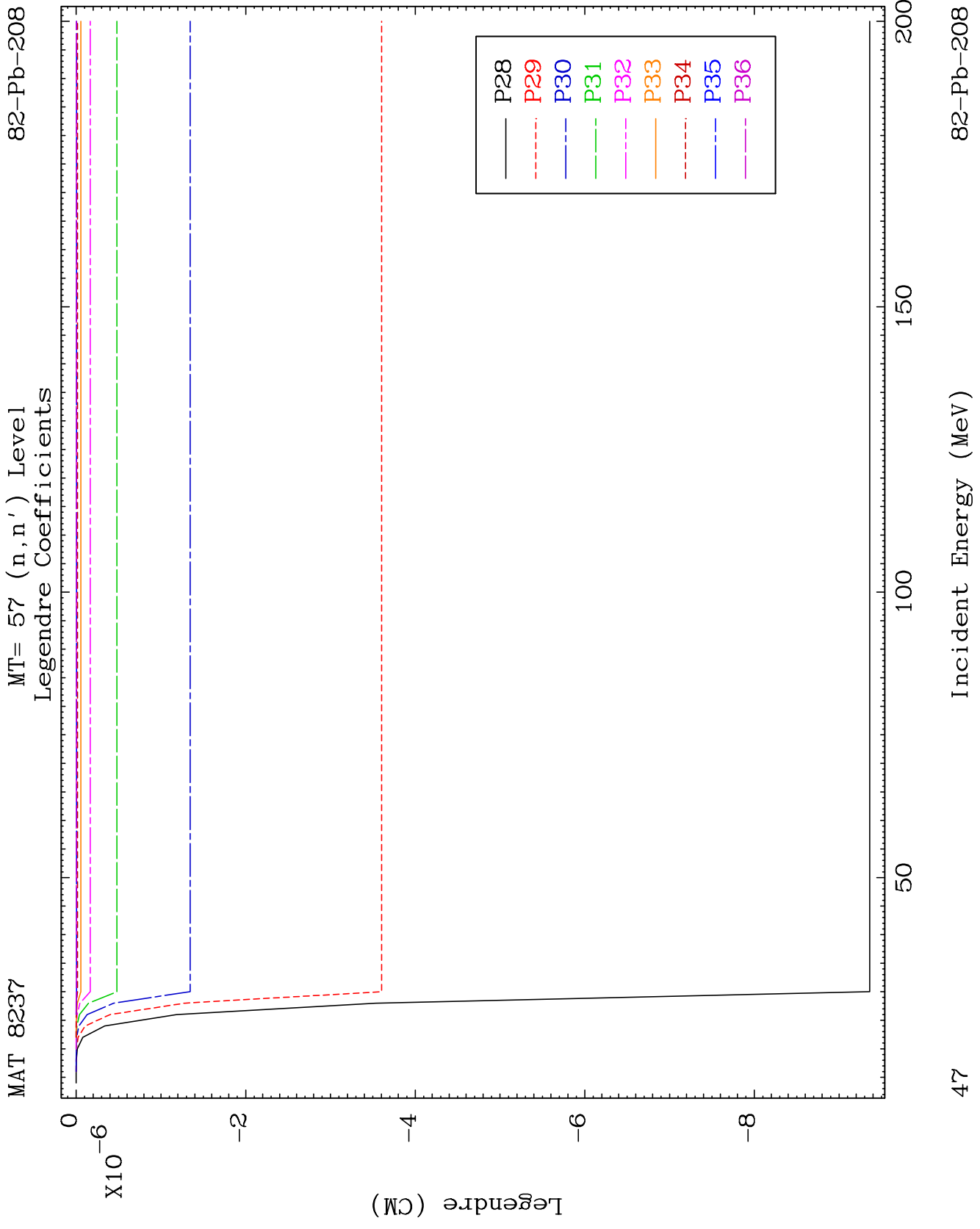
82-Pb-208



46

Incident Energy (MeV)

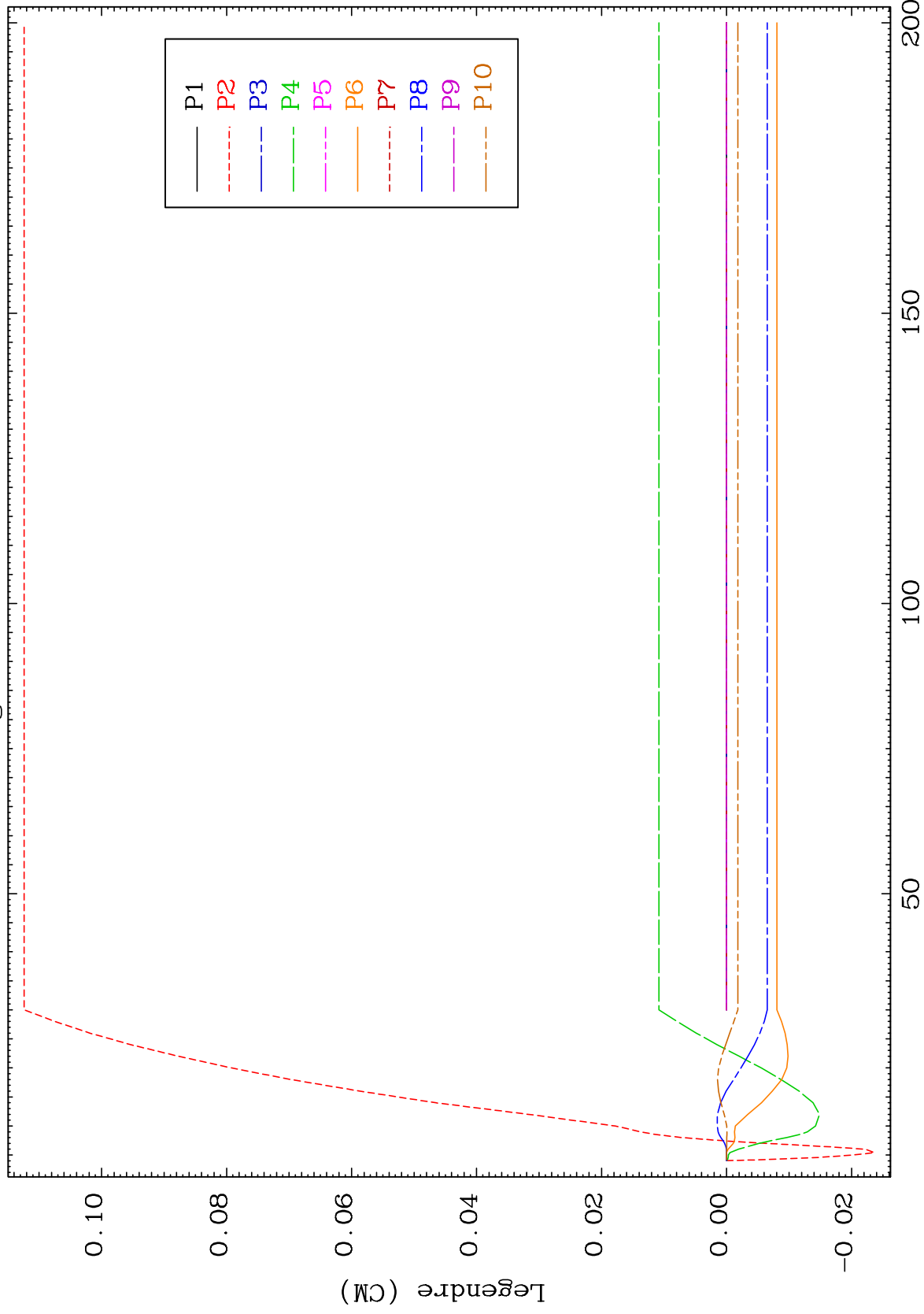
82-Pb-208



MAT 8237

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

82-Pb-208



48

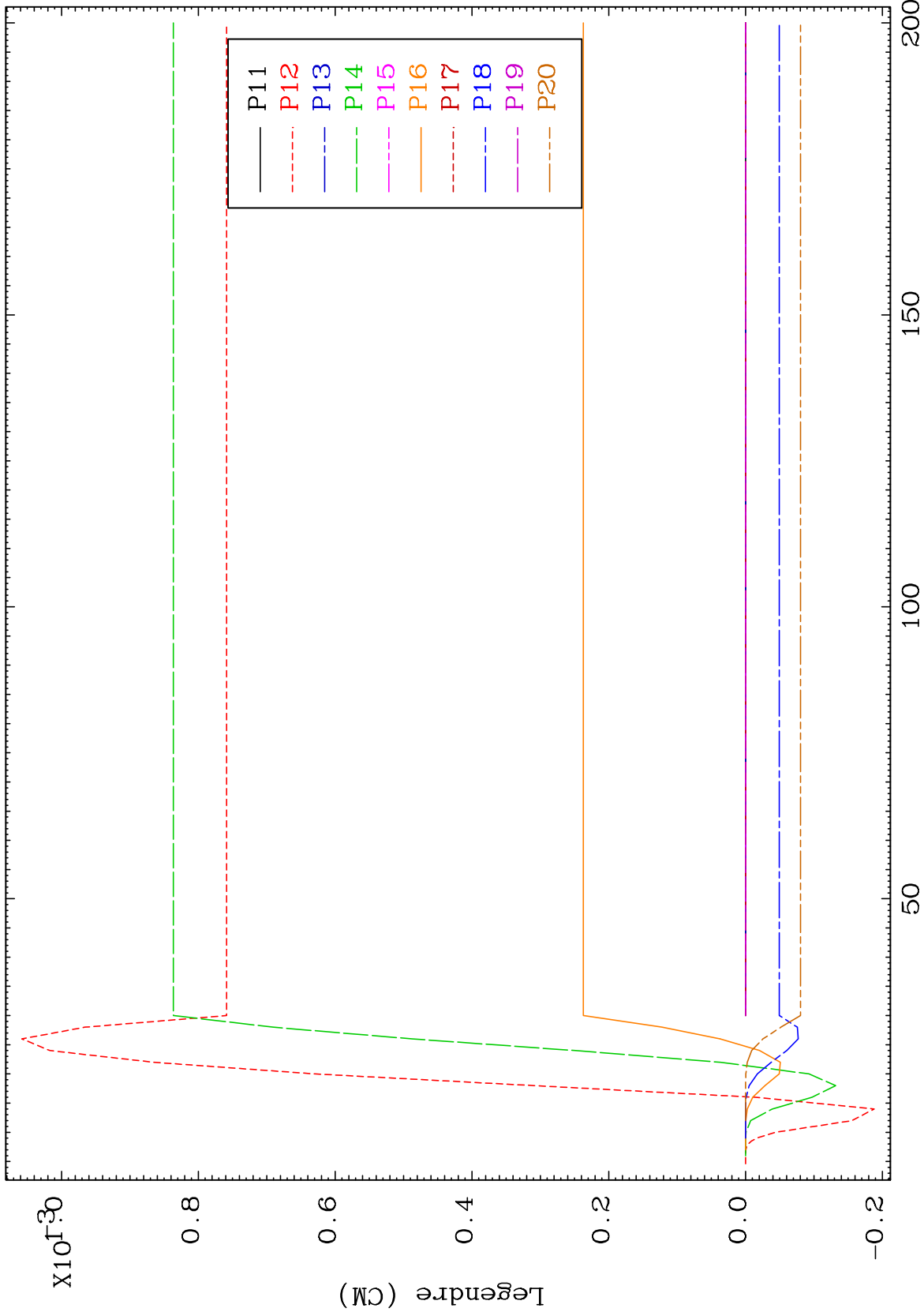
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

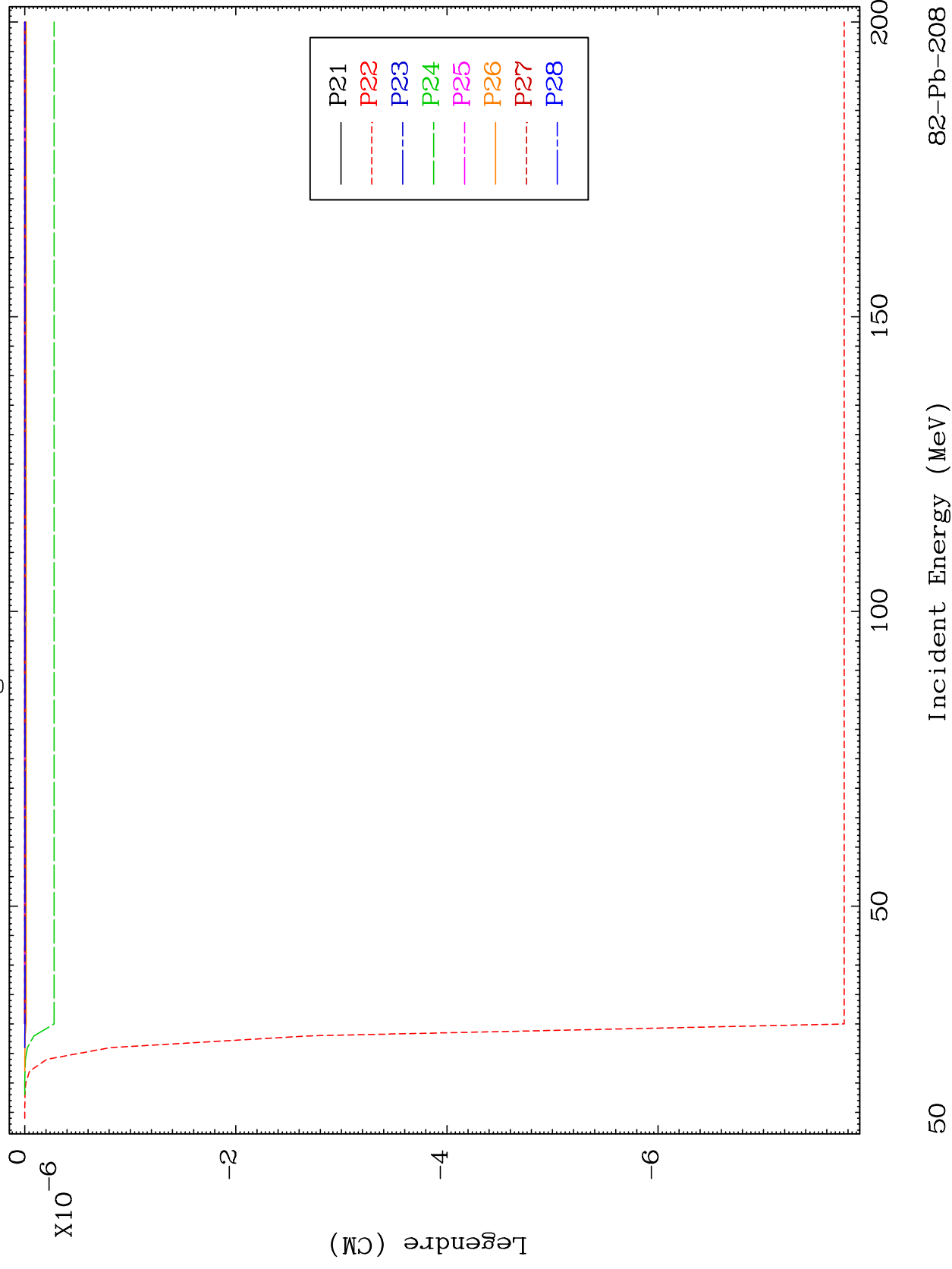
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MAT 8237

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

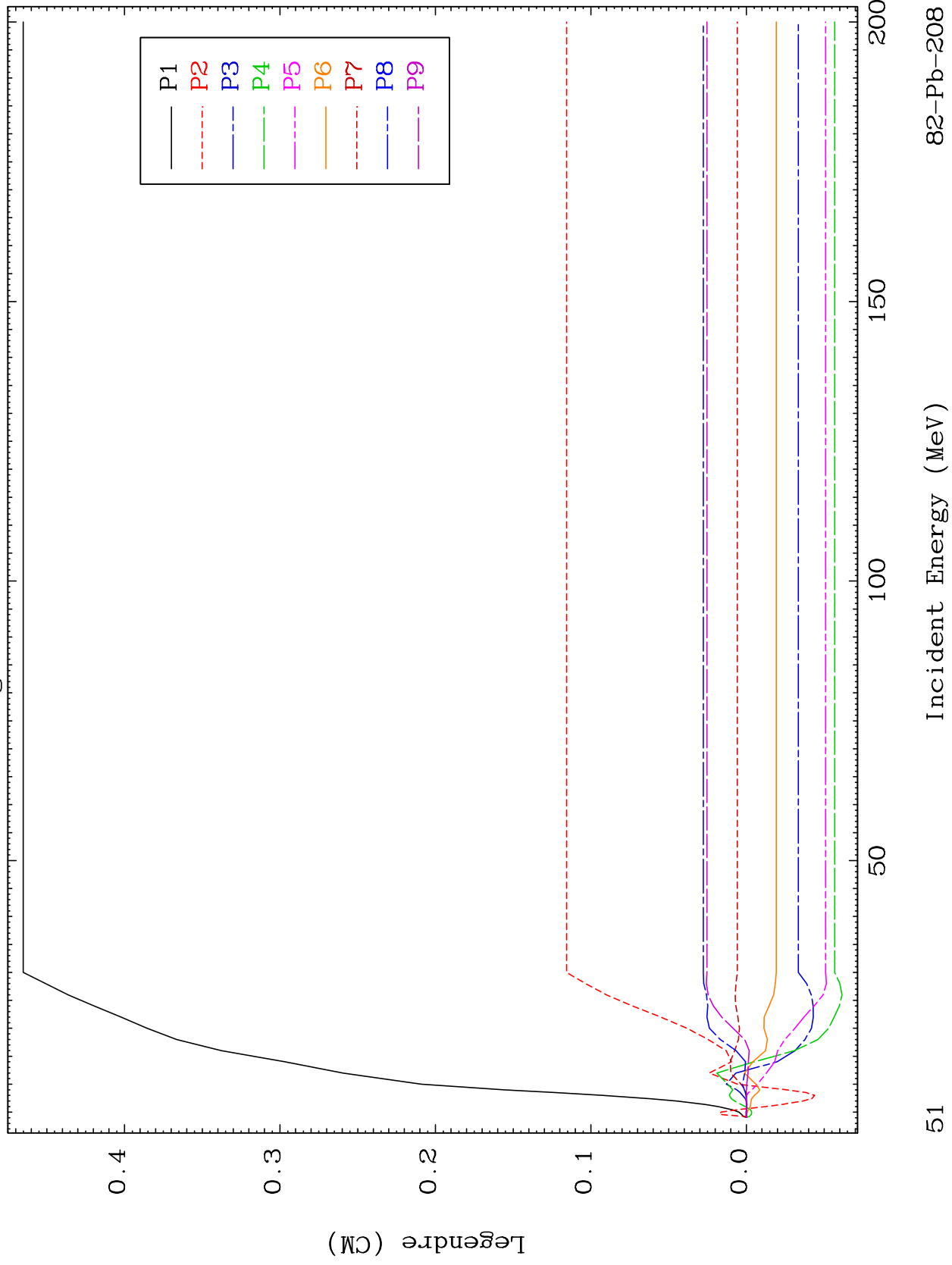
82-Pb-208



MAT 8237

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

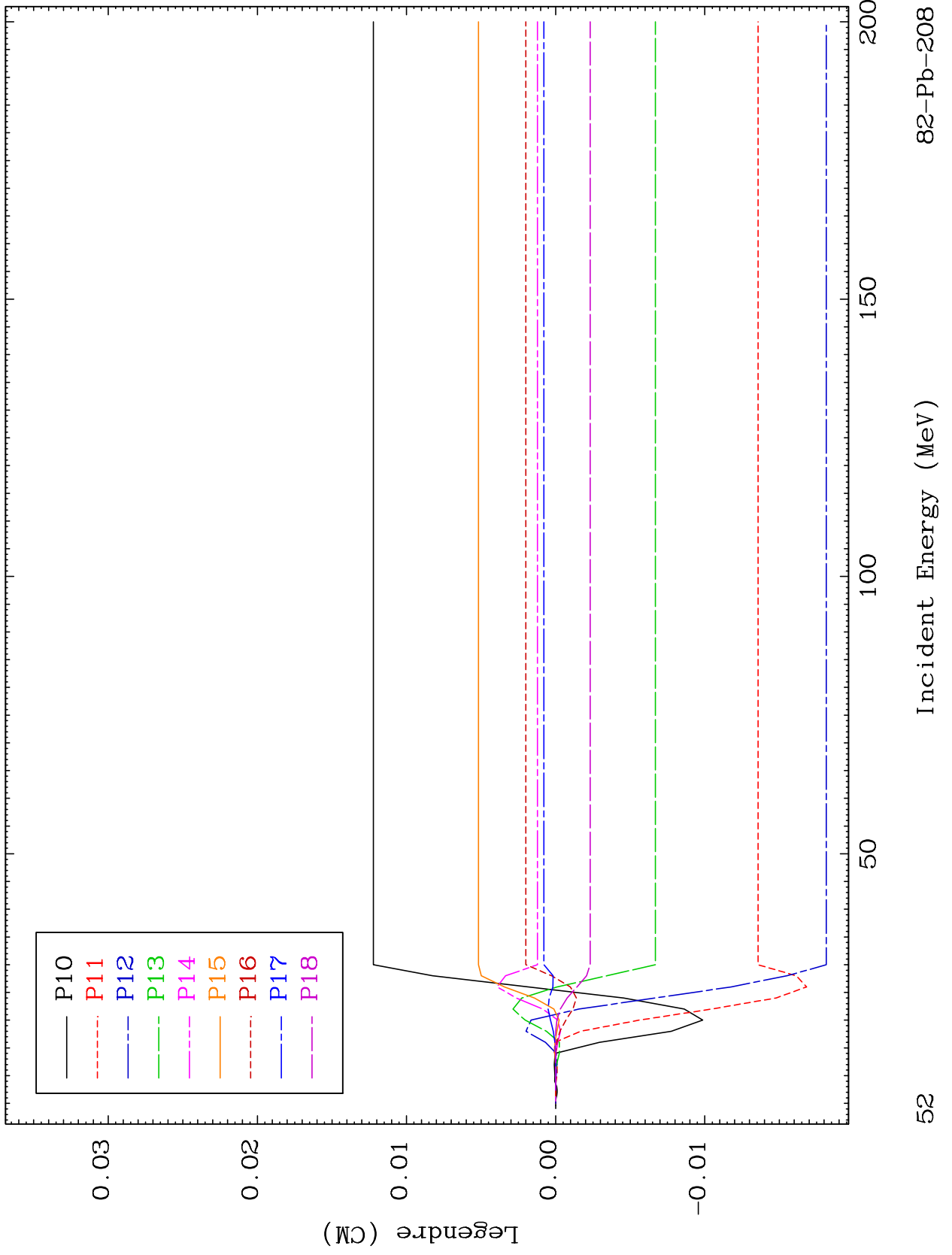
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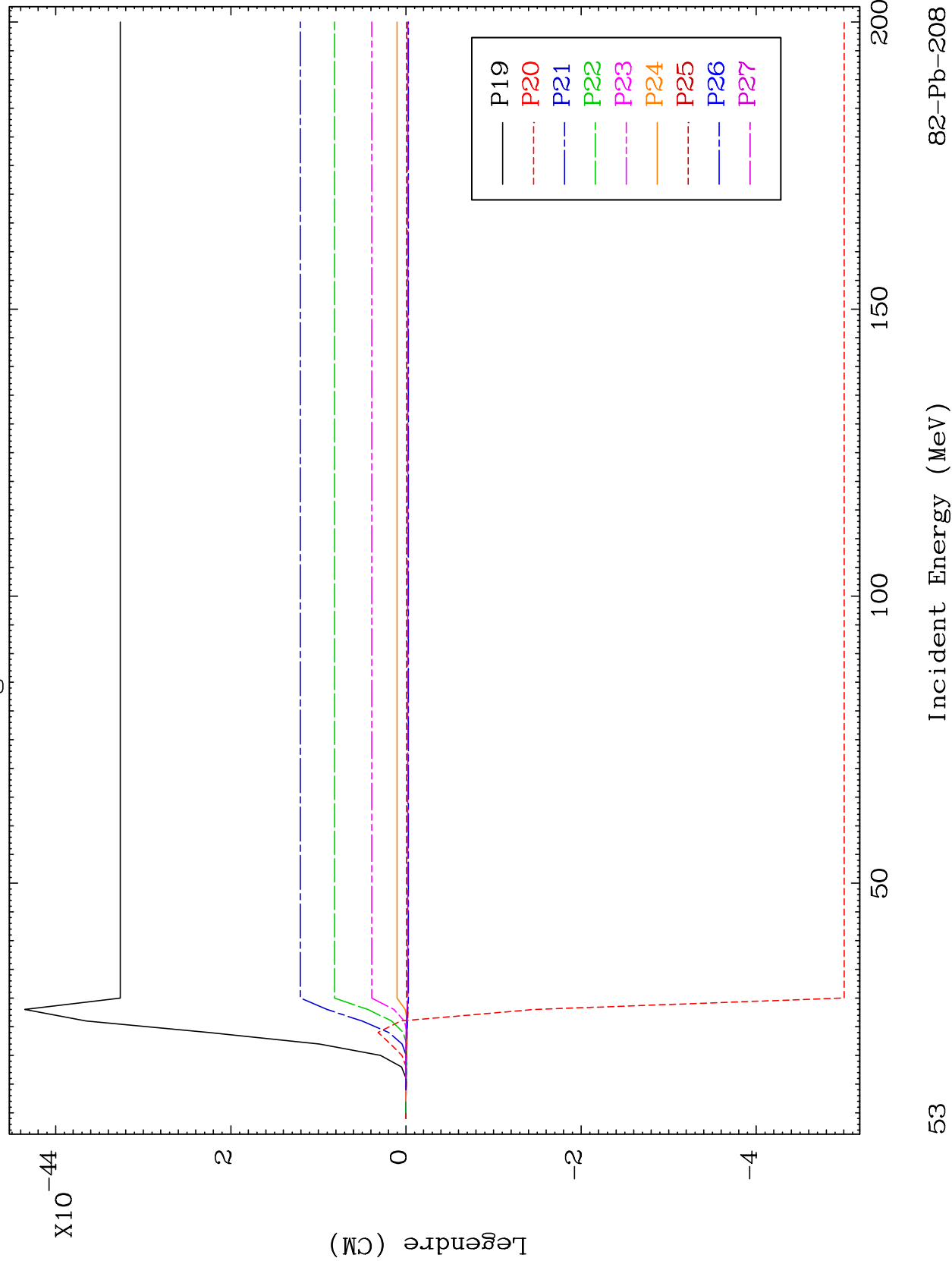


MAT 8237

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

82-Pb-208

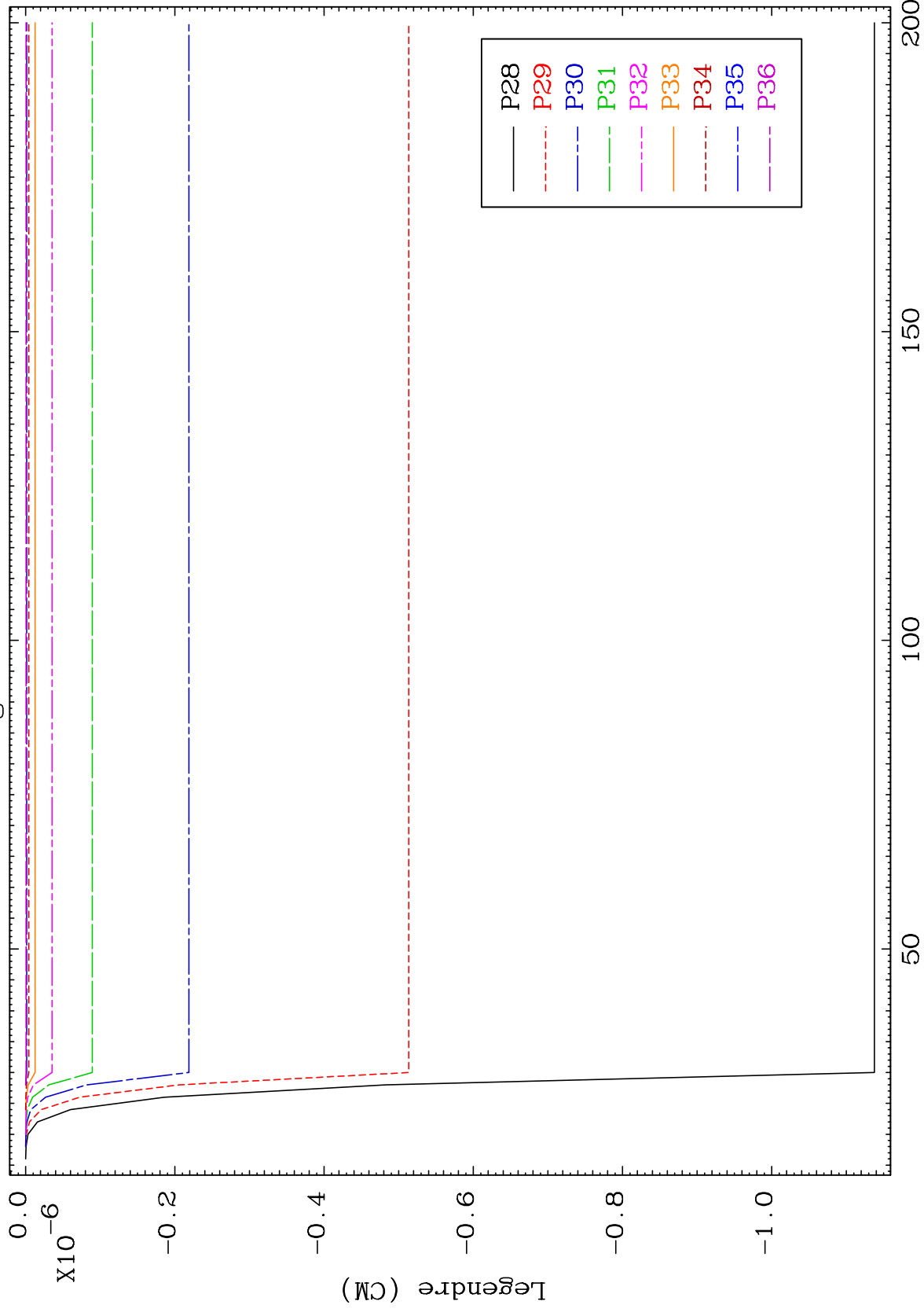




MAT 8237

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

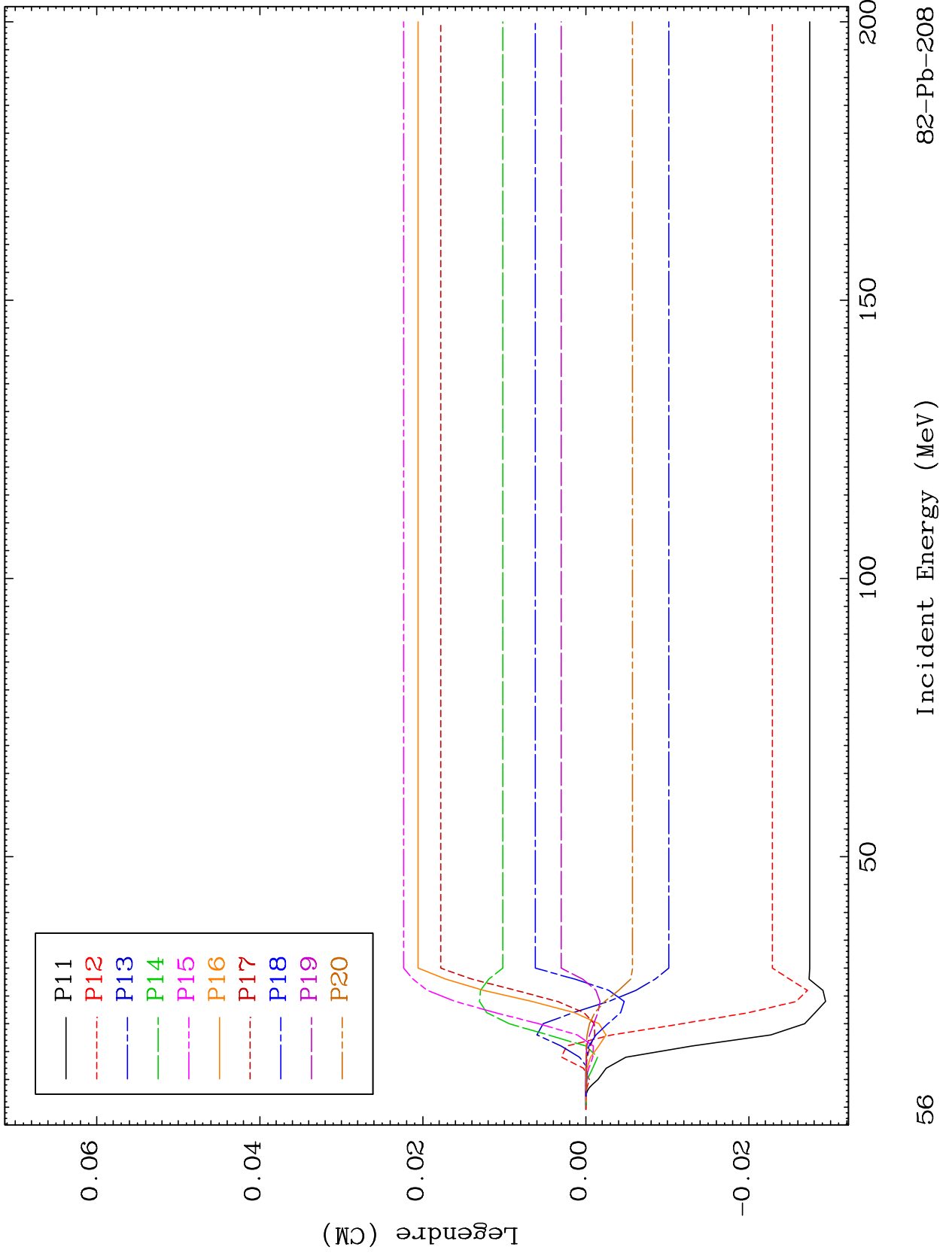
82-Pb-208



54

Incident Energy (MeV)

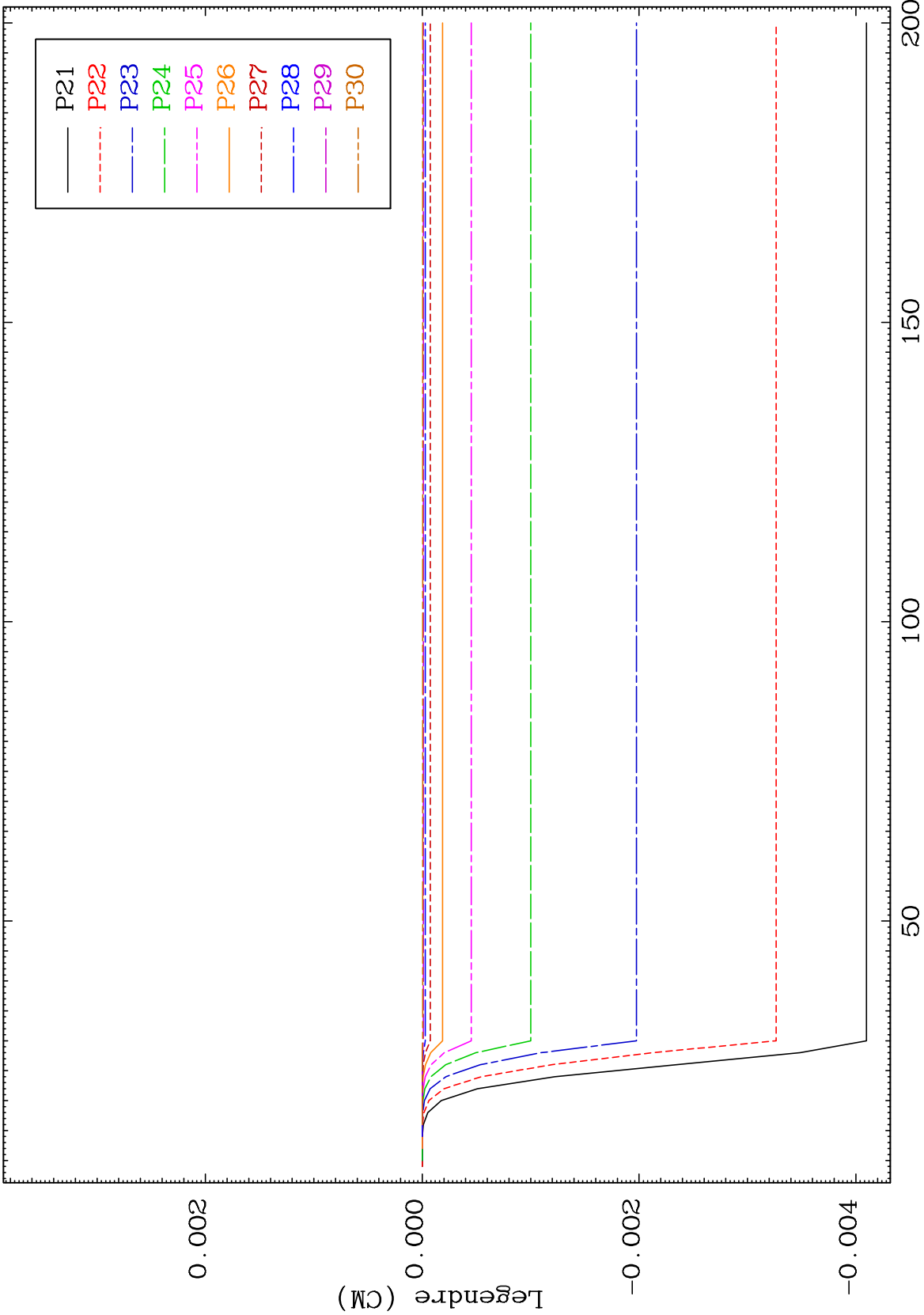
82-Pb-208

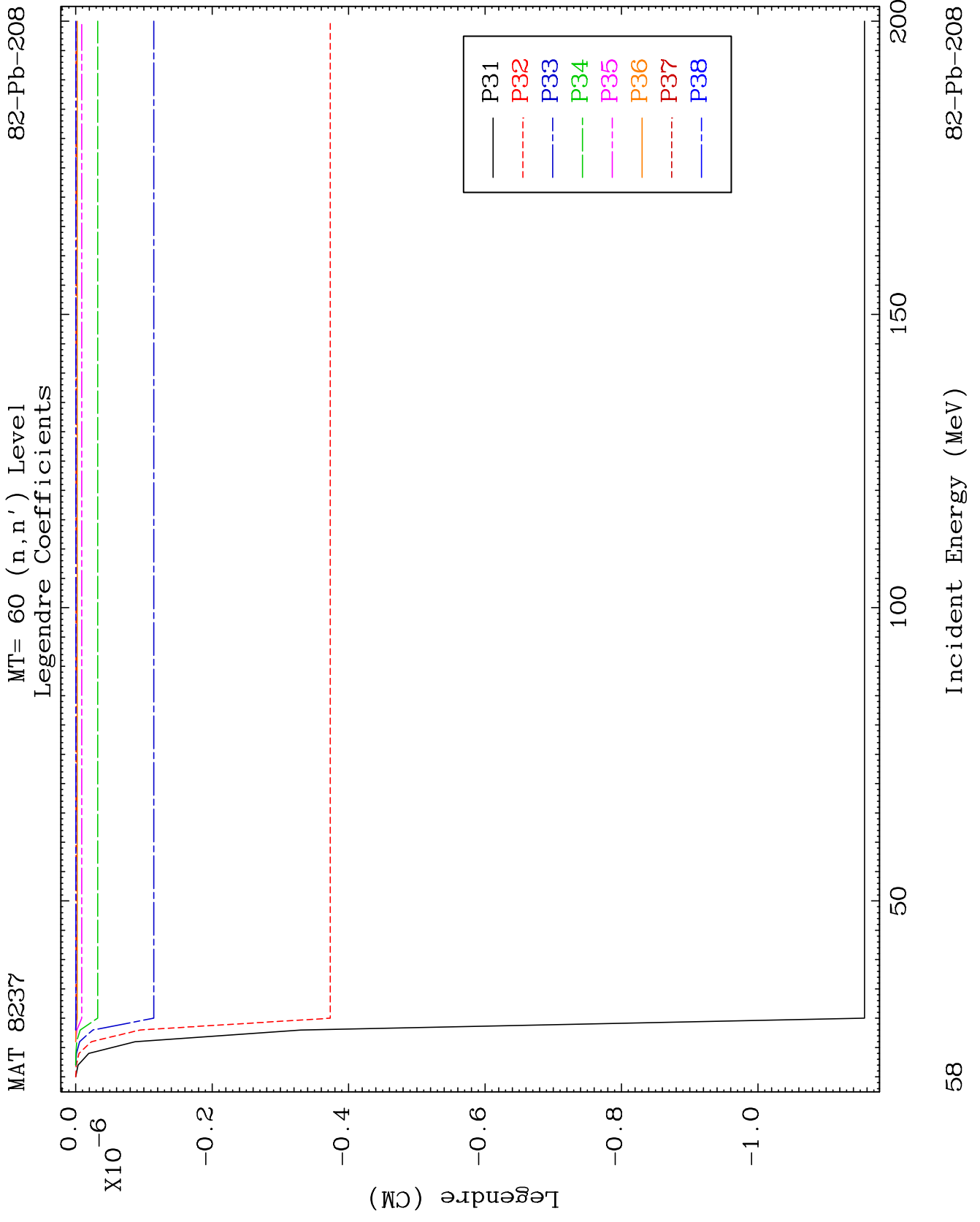


MAT 8237

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

82-Pb-208

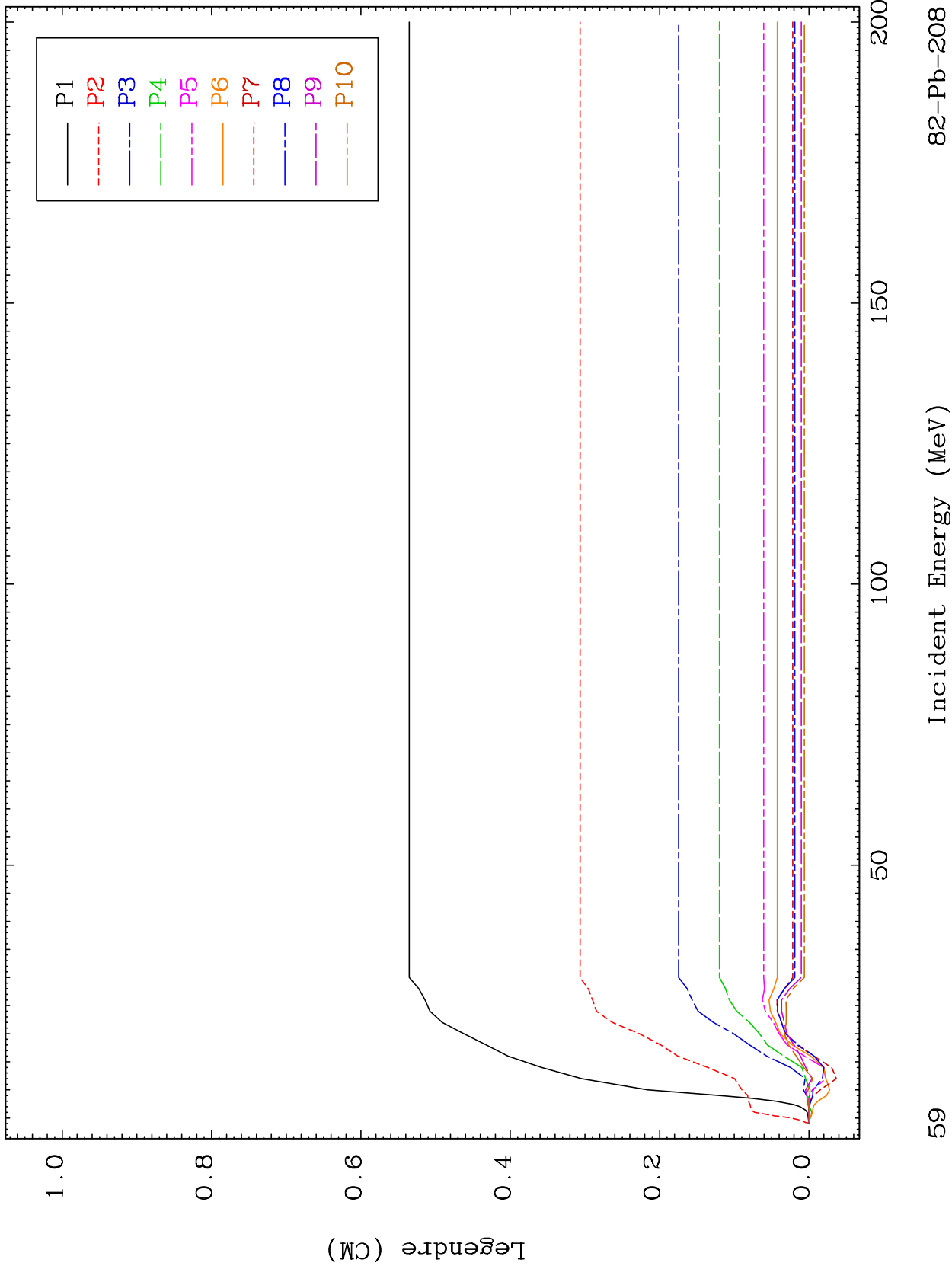




MAT 8237

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

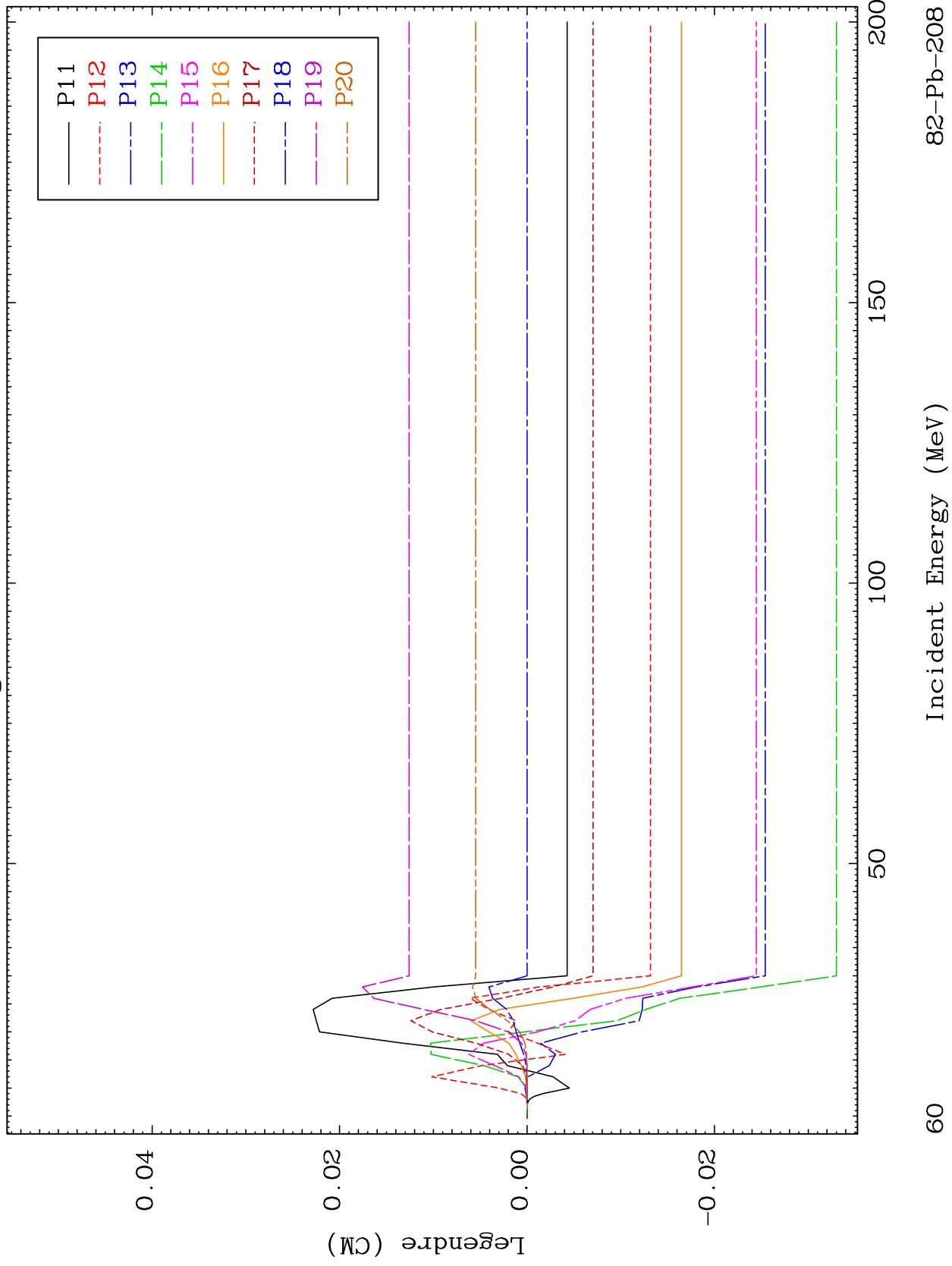
82-Pb-208



MAT 8237

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

82-Pb-208



82-Pb-208

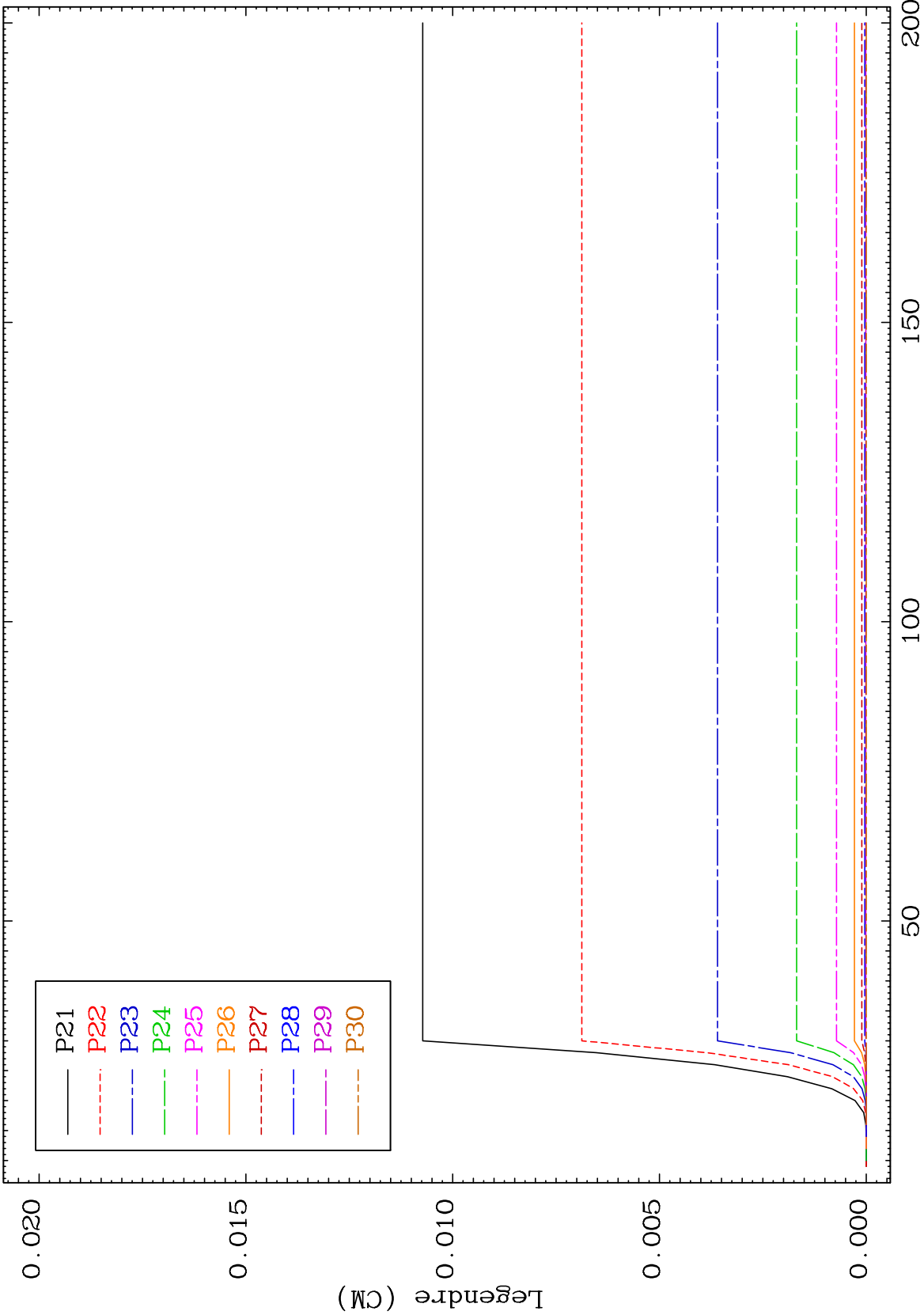
Incident Energy (MeV)

60

MAT 8237

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

82-Pb-208



61

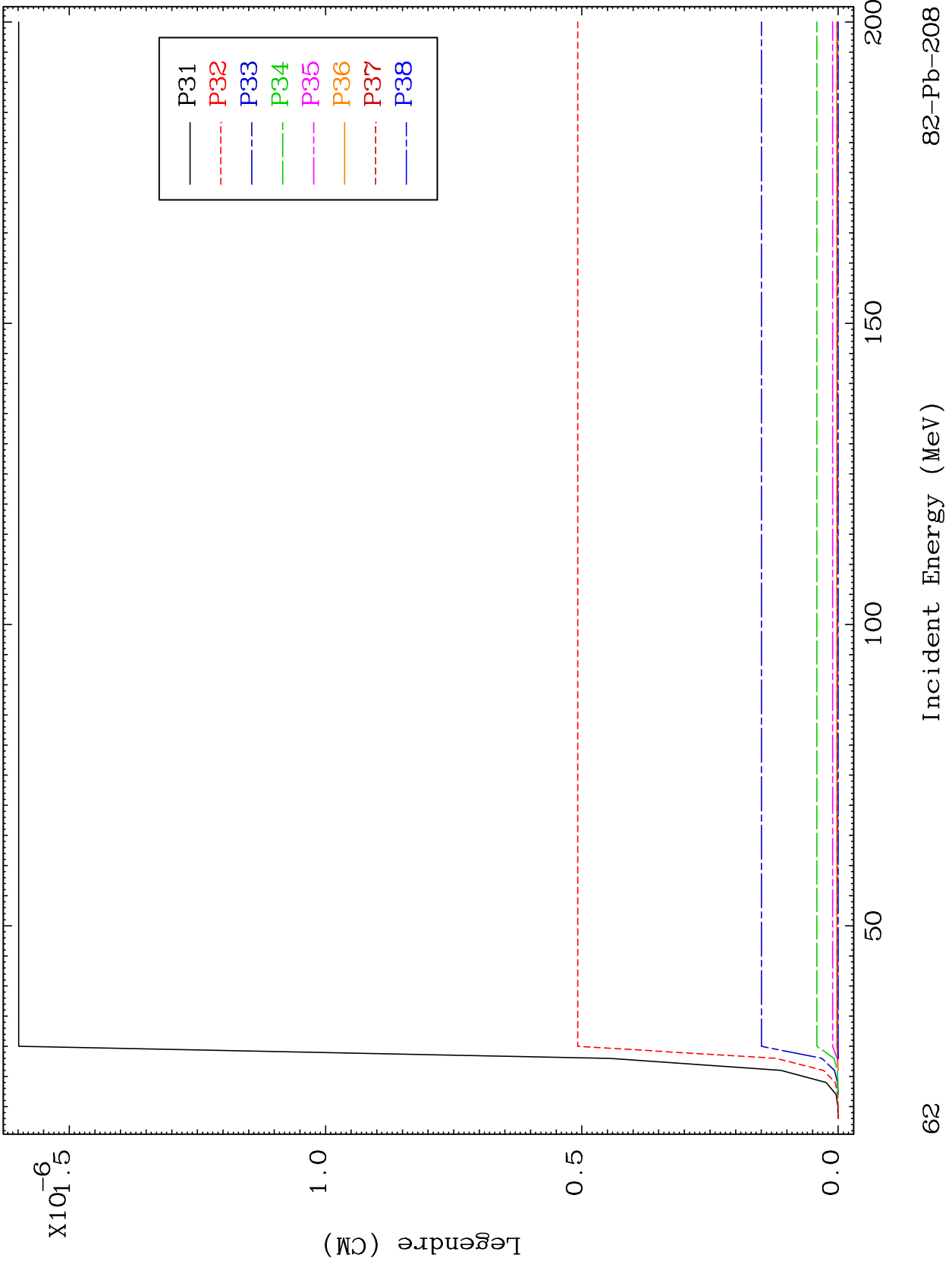
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



62

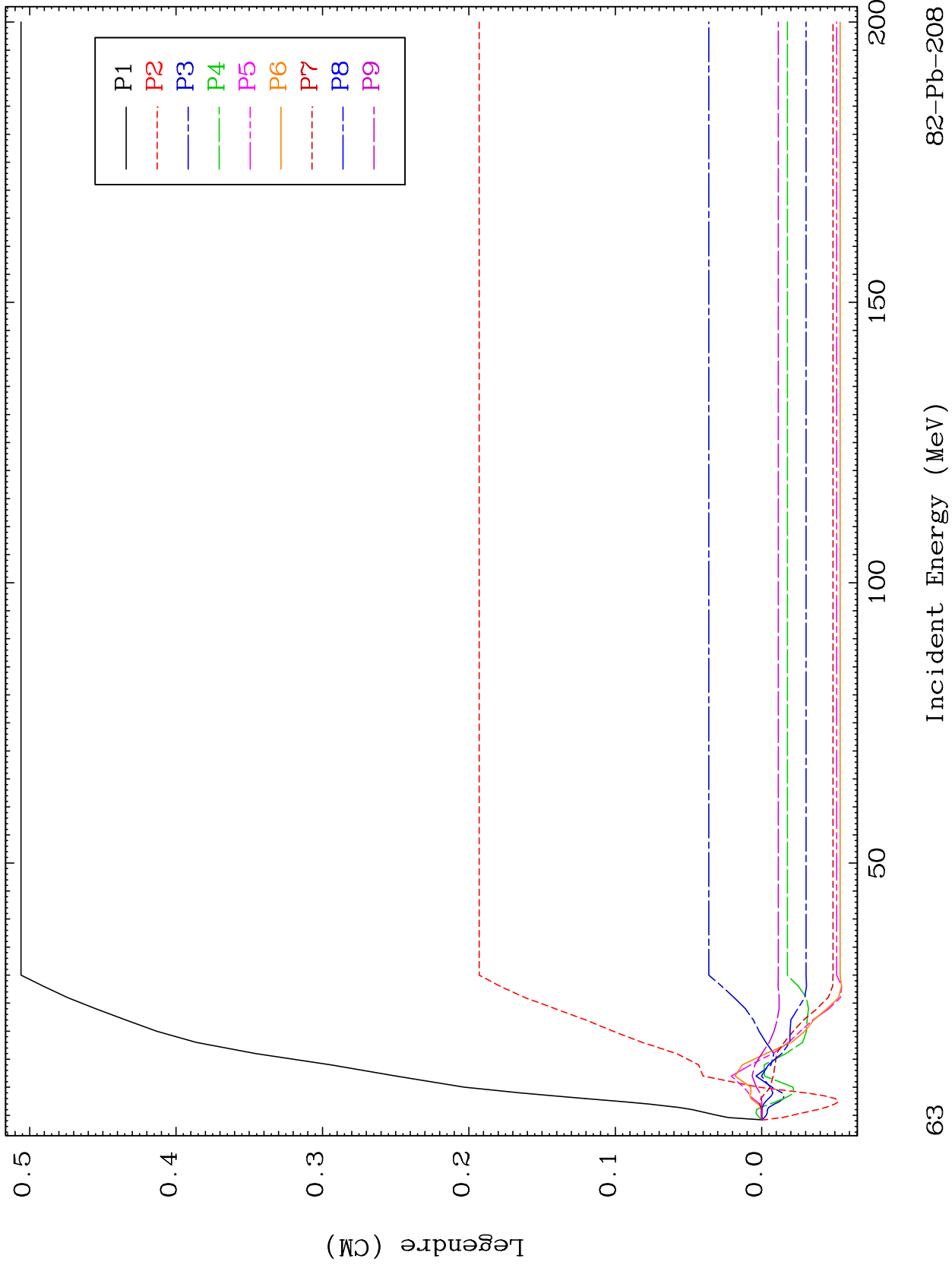
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



63

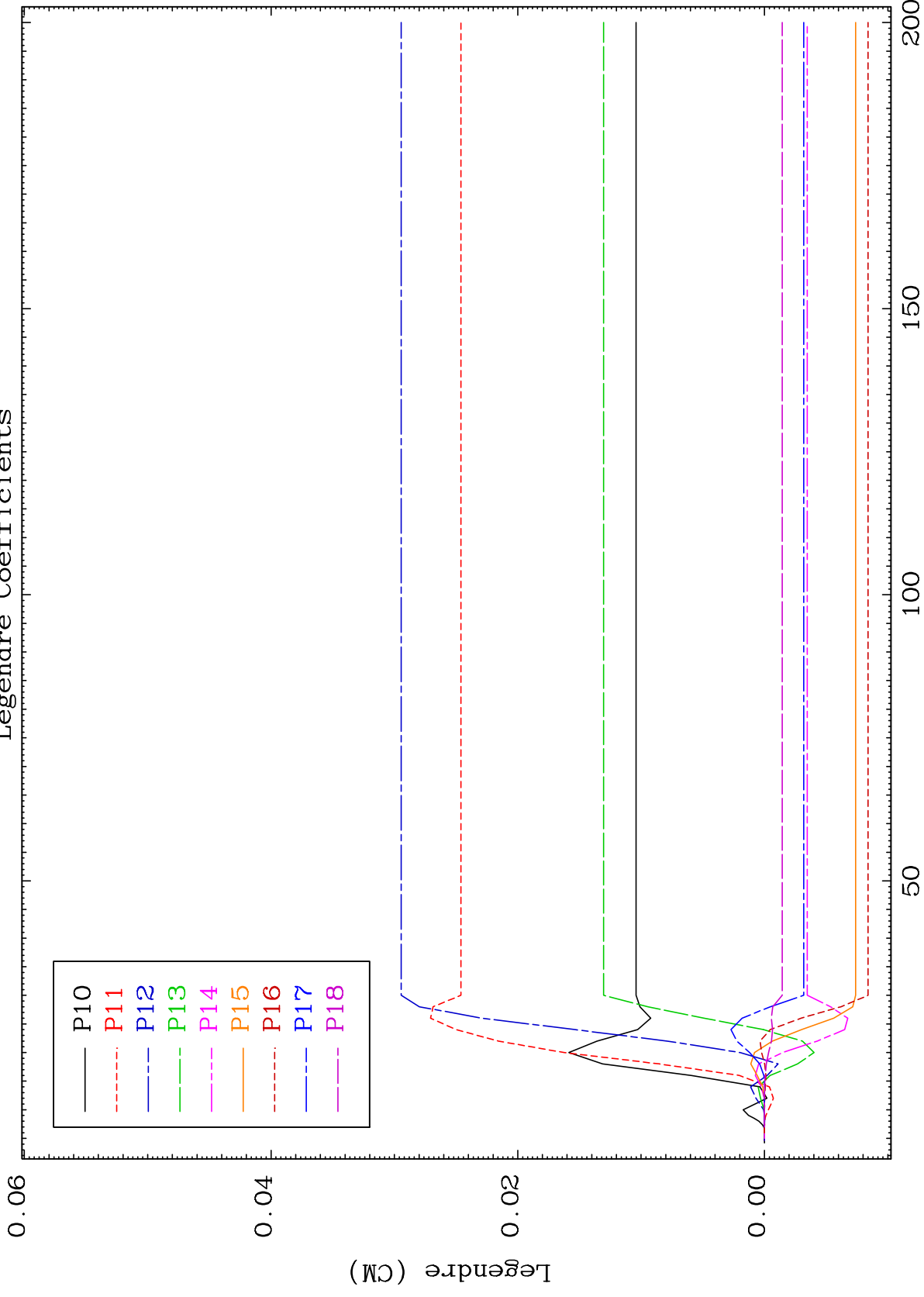
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



64

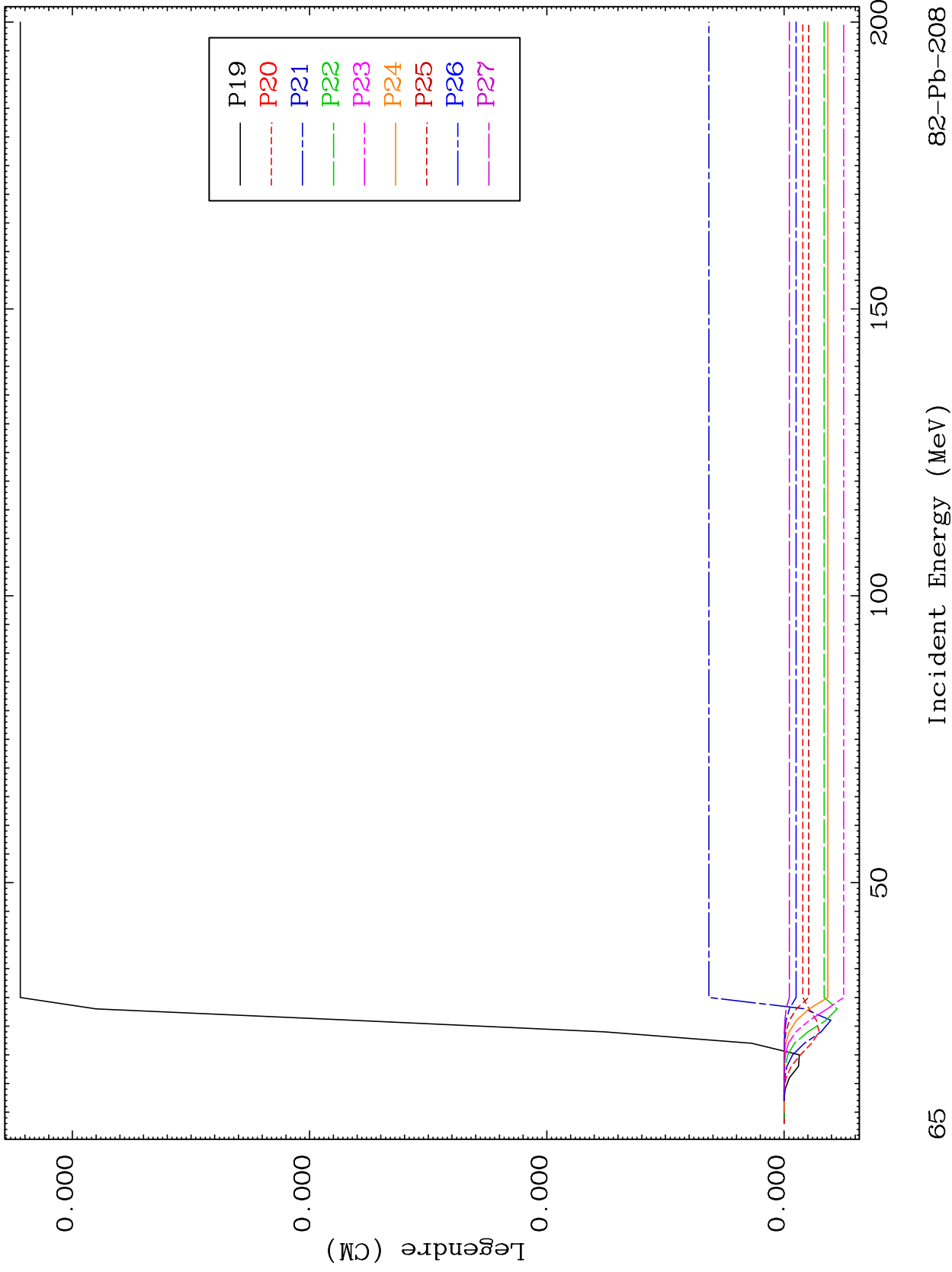
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

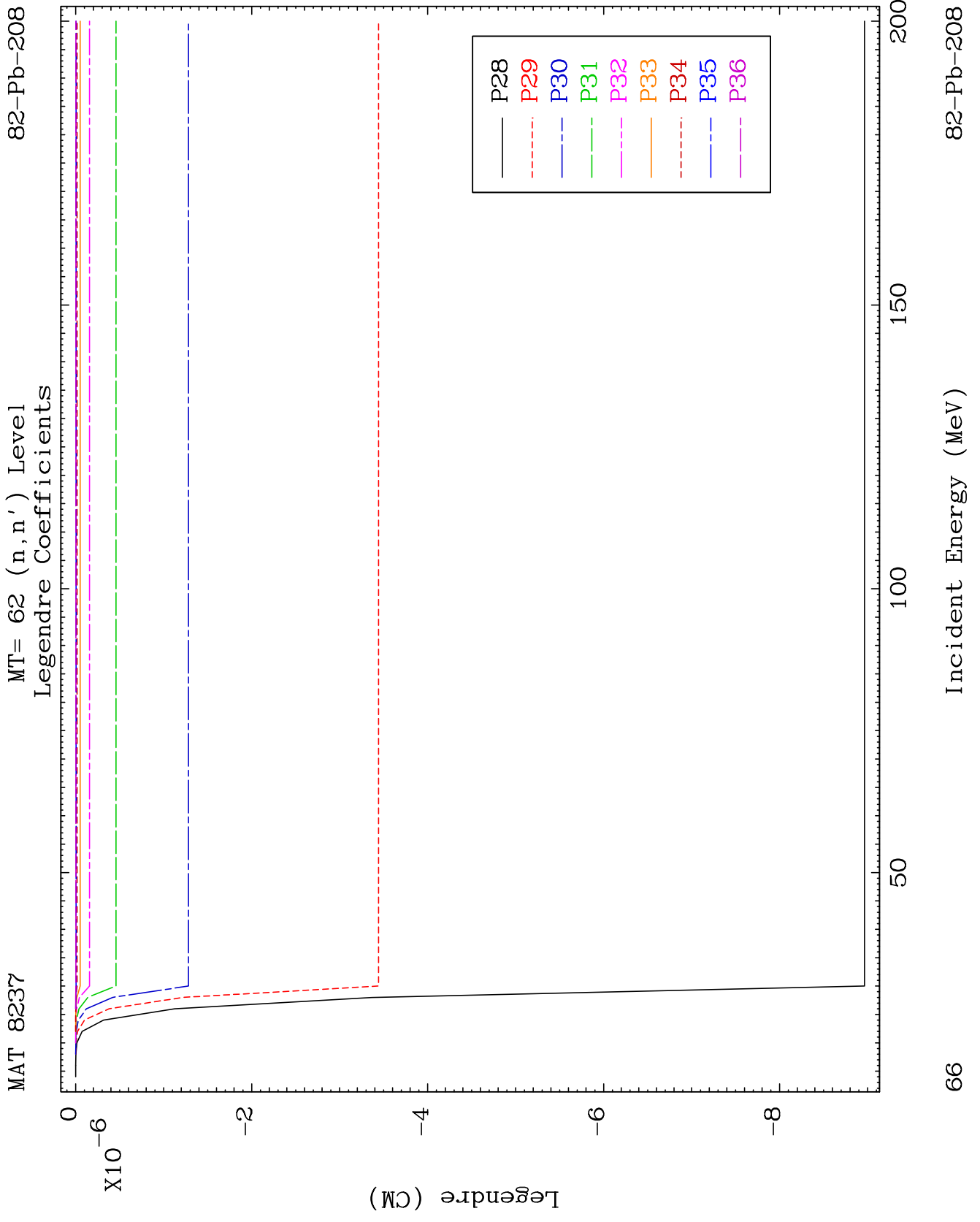
82-Pb-208



65

Incident Energy (MeV)

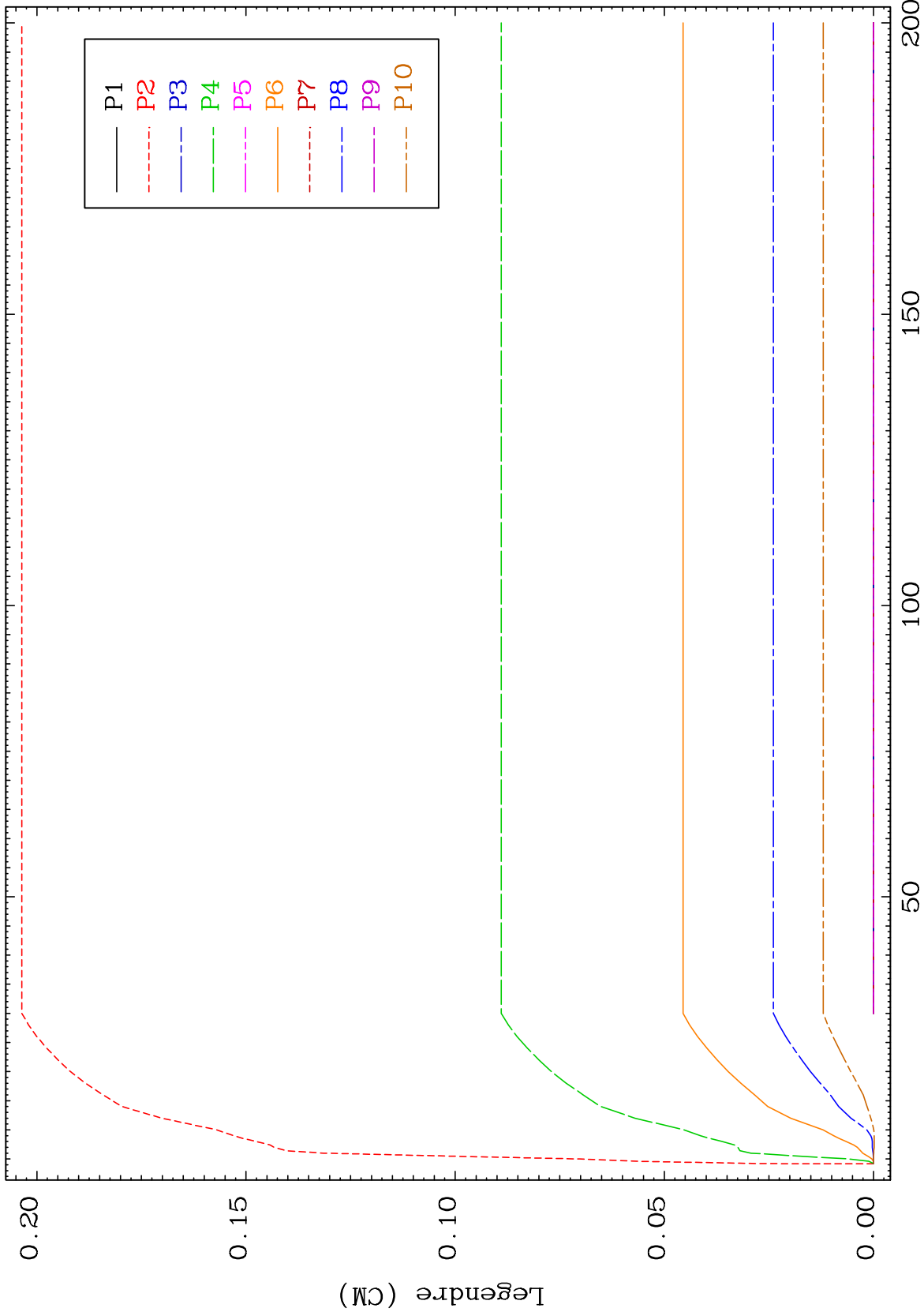
82-Pb-208



MAT 8237

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

82-Pb-208



67

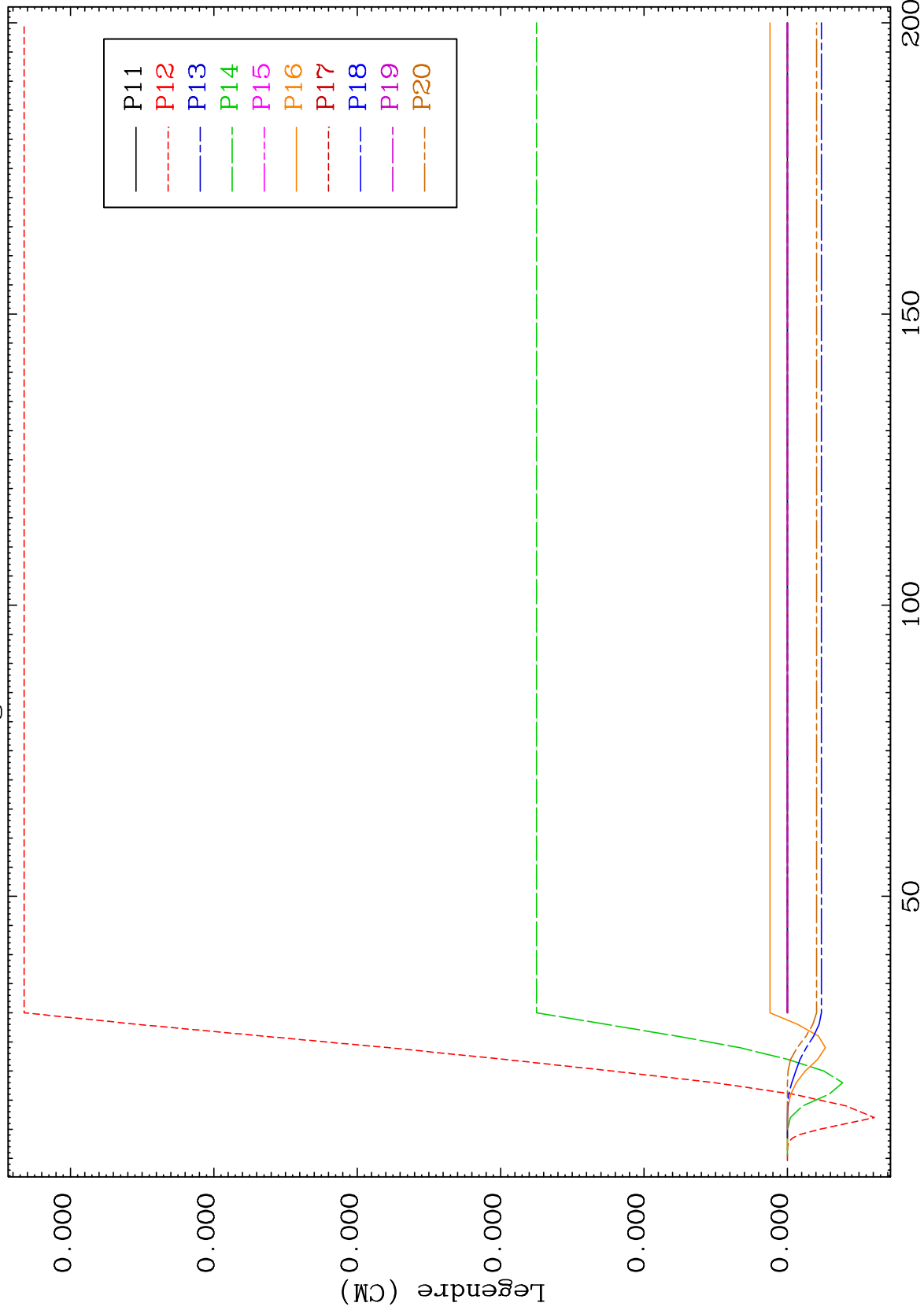
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



68

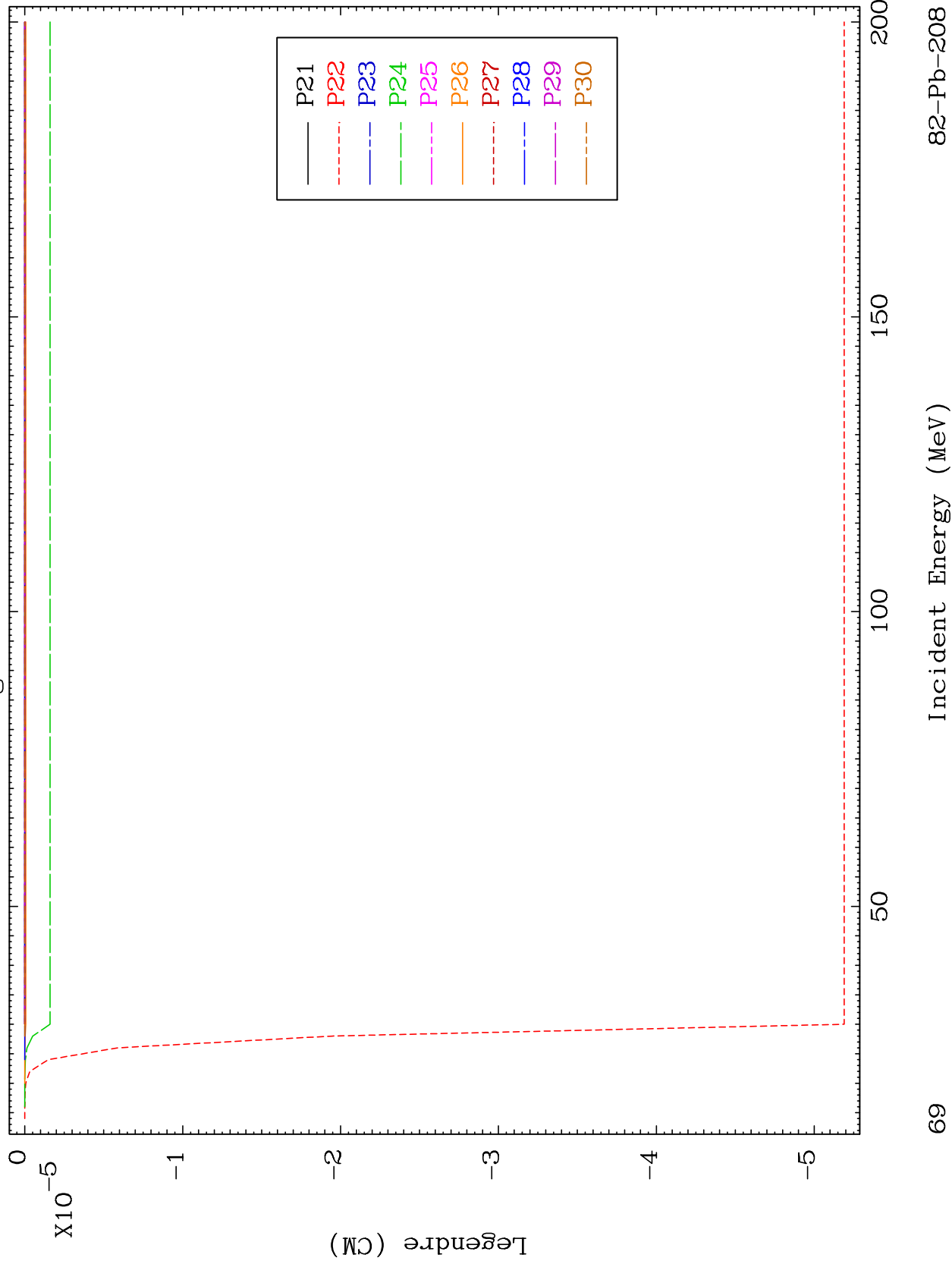
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



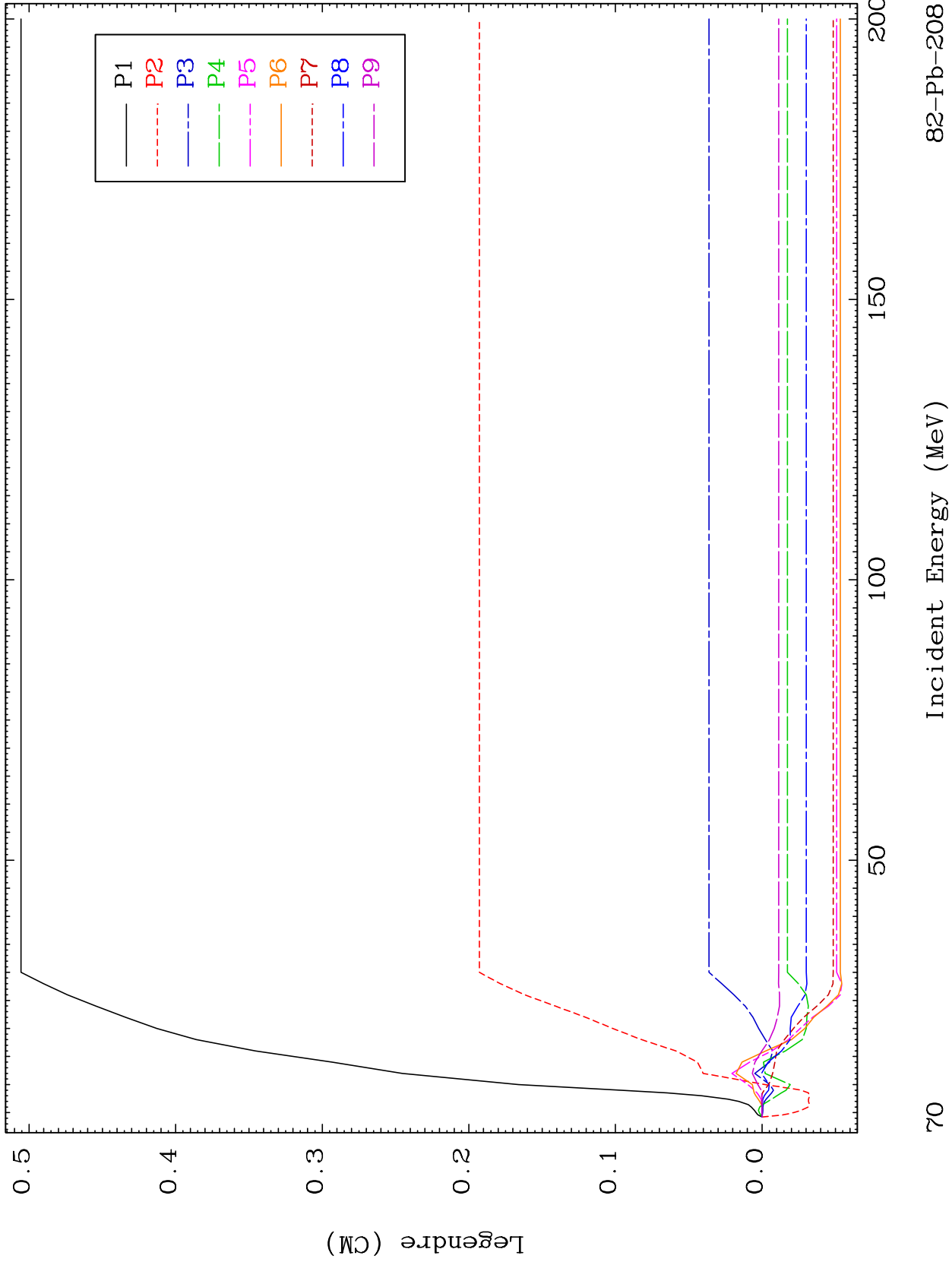
69

82-Pb-208

MAT 8237

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

82-Pb-208



70

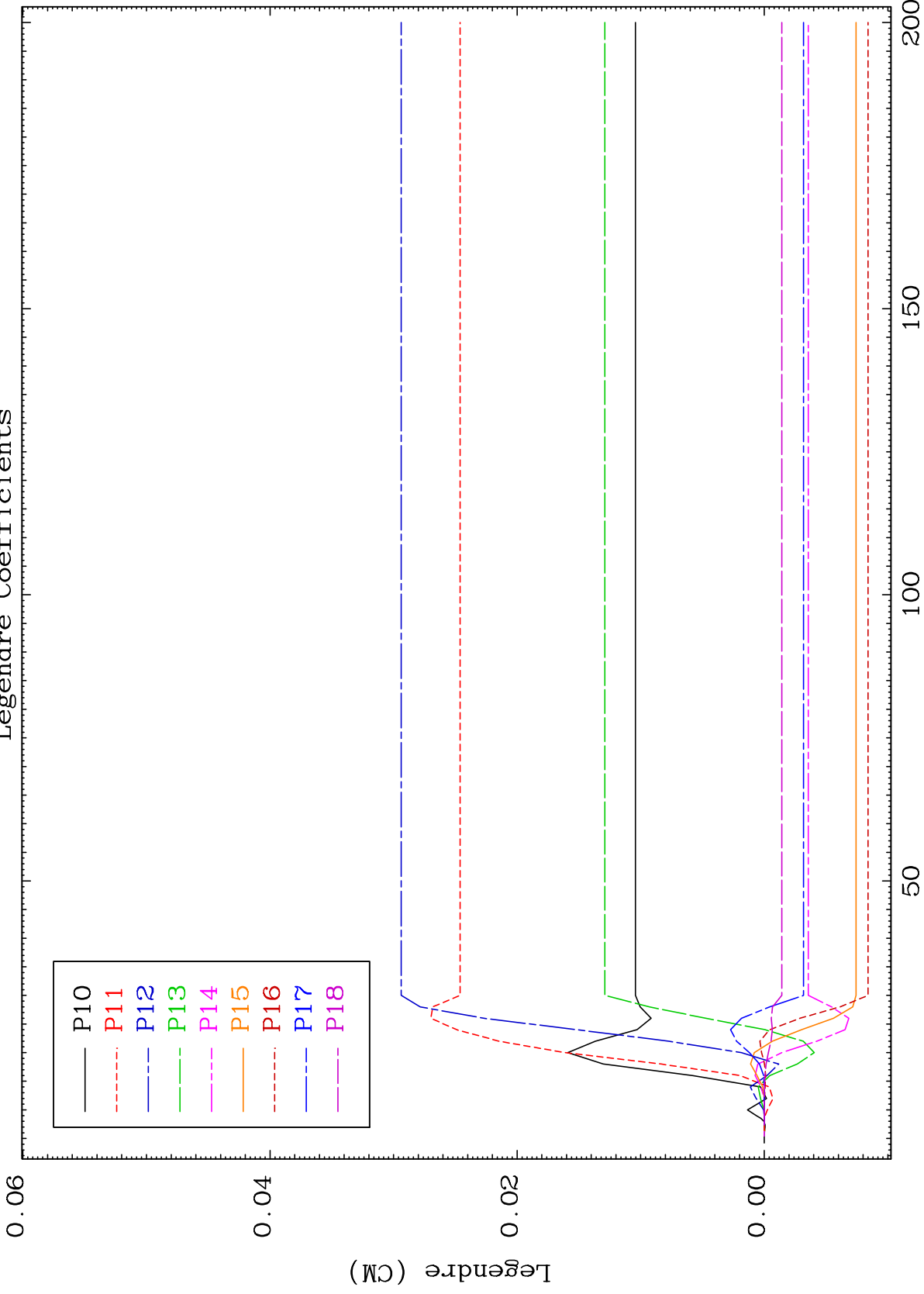
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

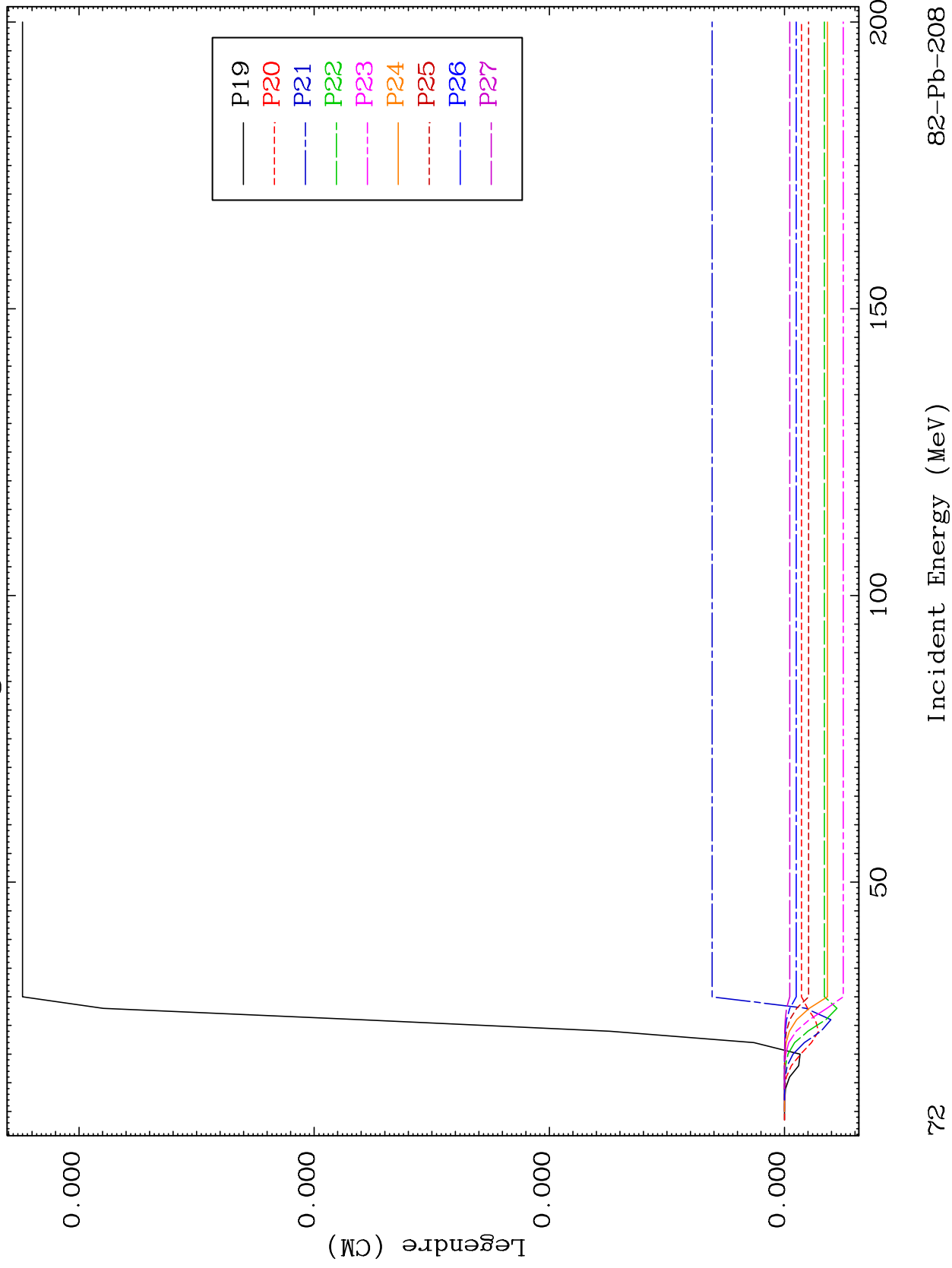
82-Pb-208



MAT 8237

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

82-Pb-208



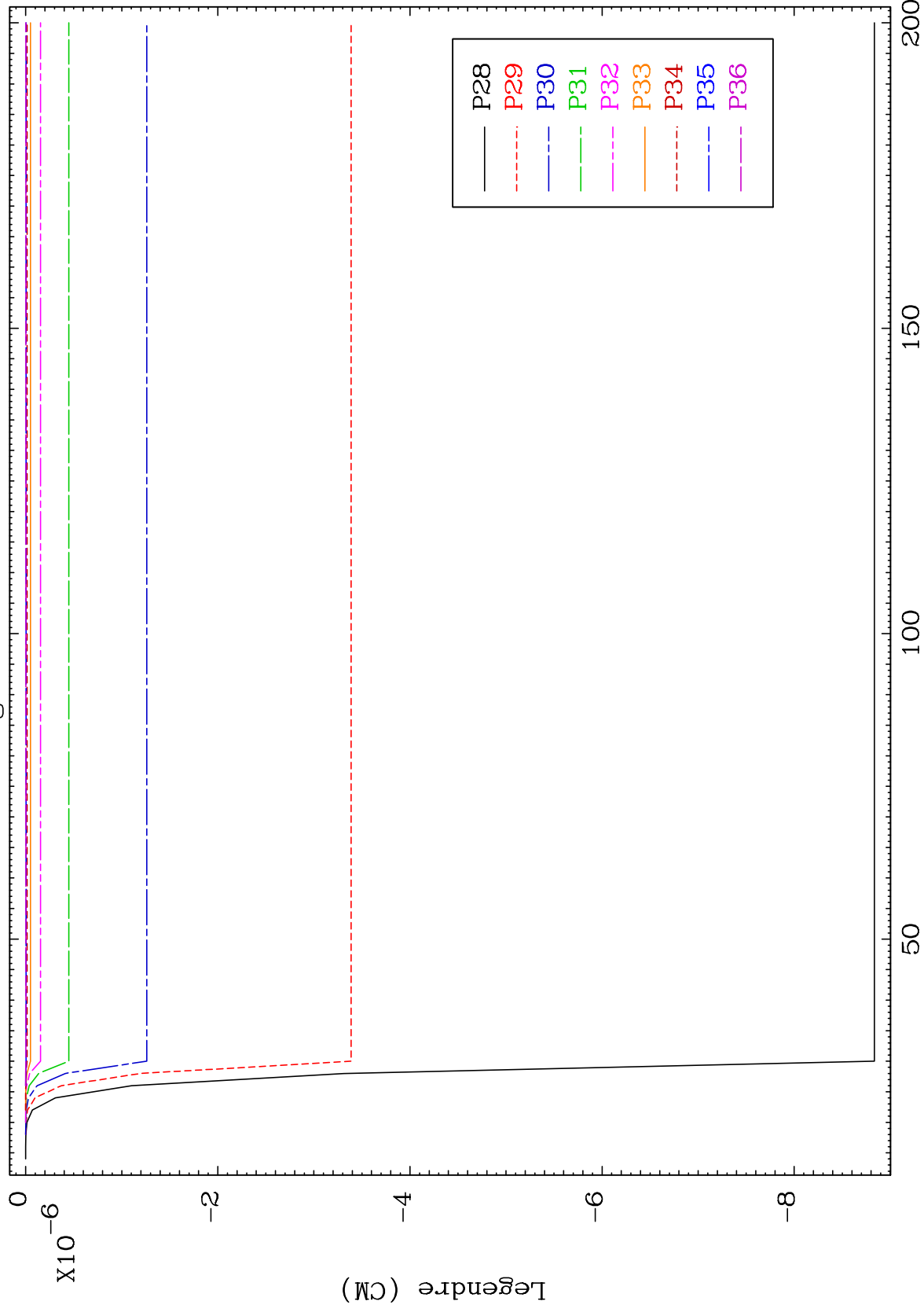
72

82-Pb-208

MAT 8237

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

82-Pb-208



73

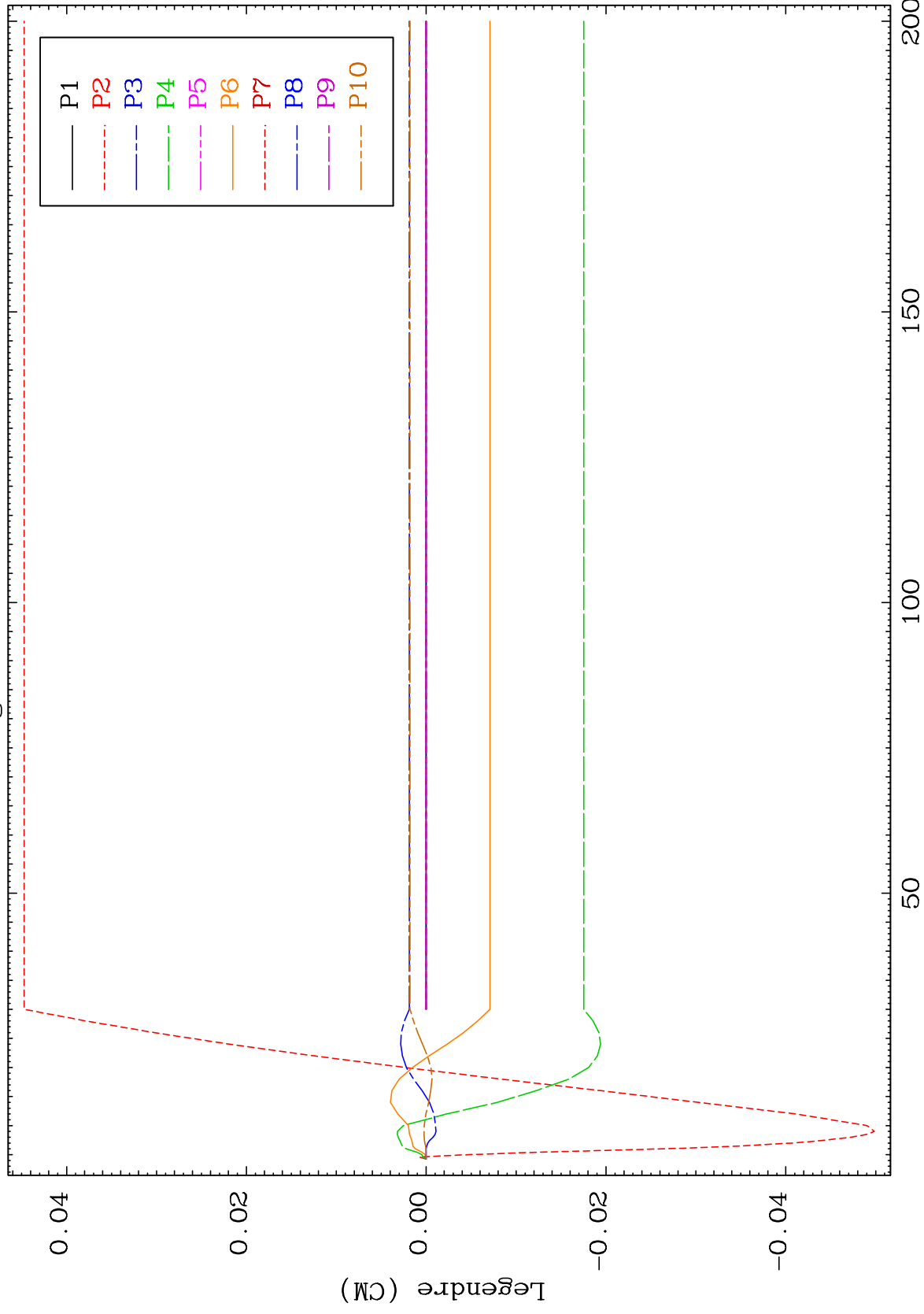
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



74

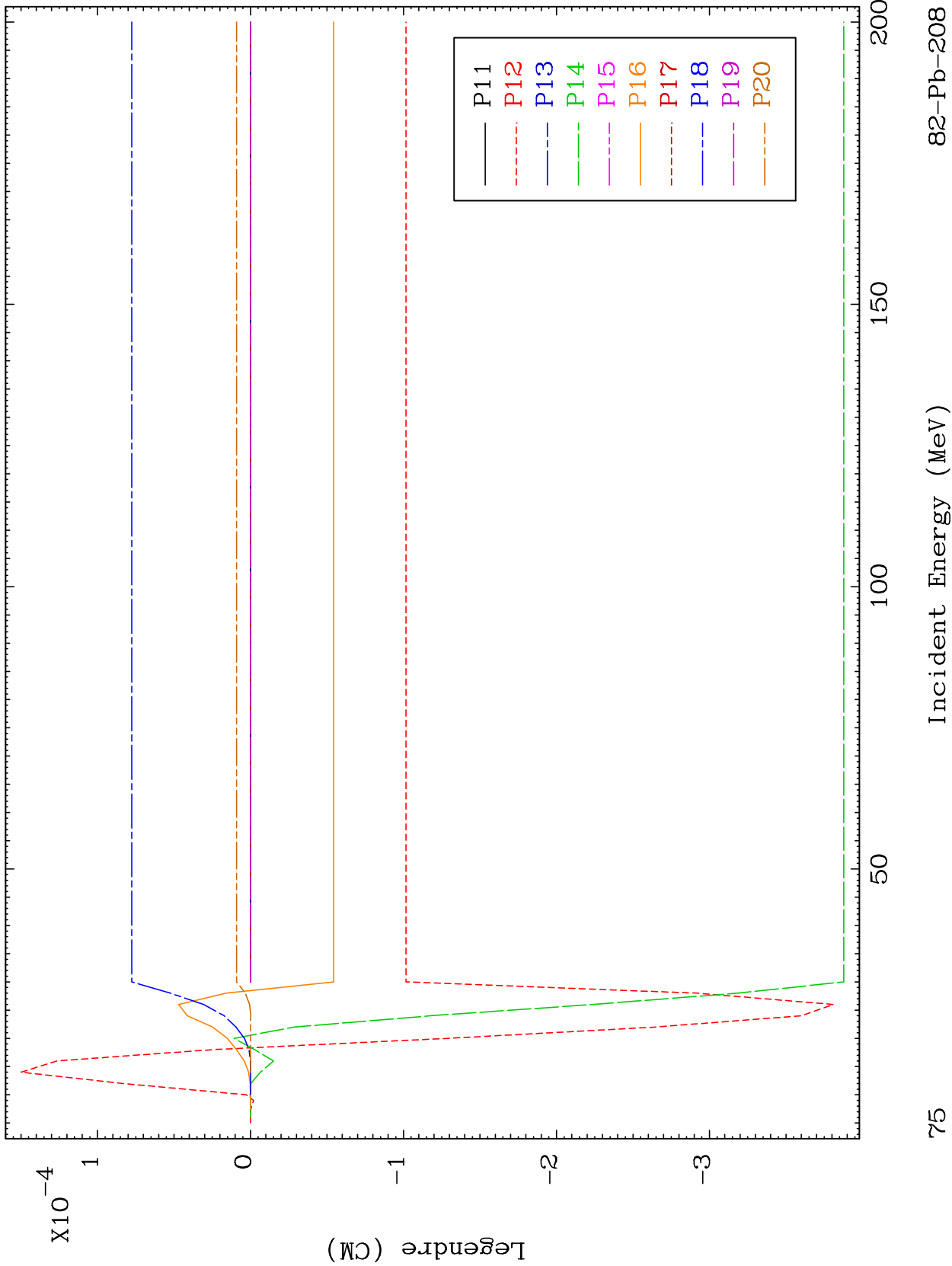
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



75

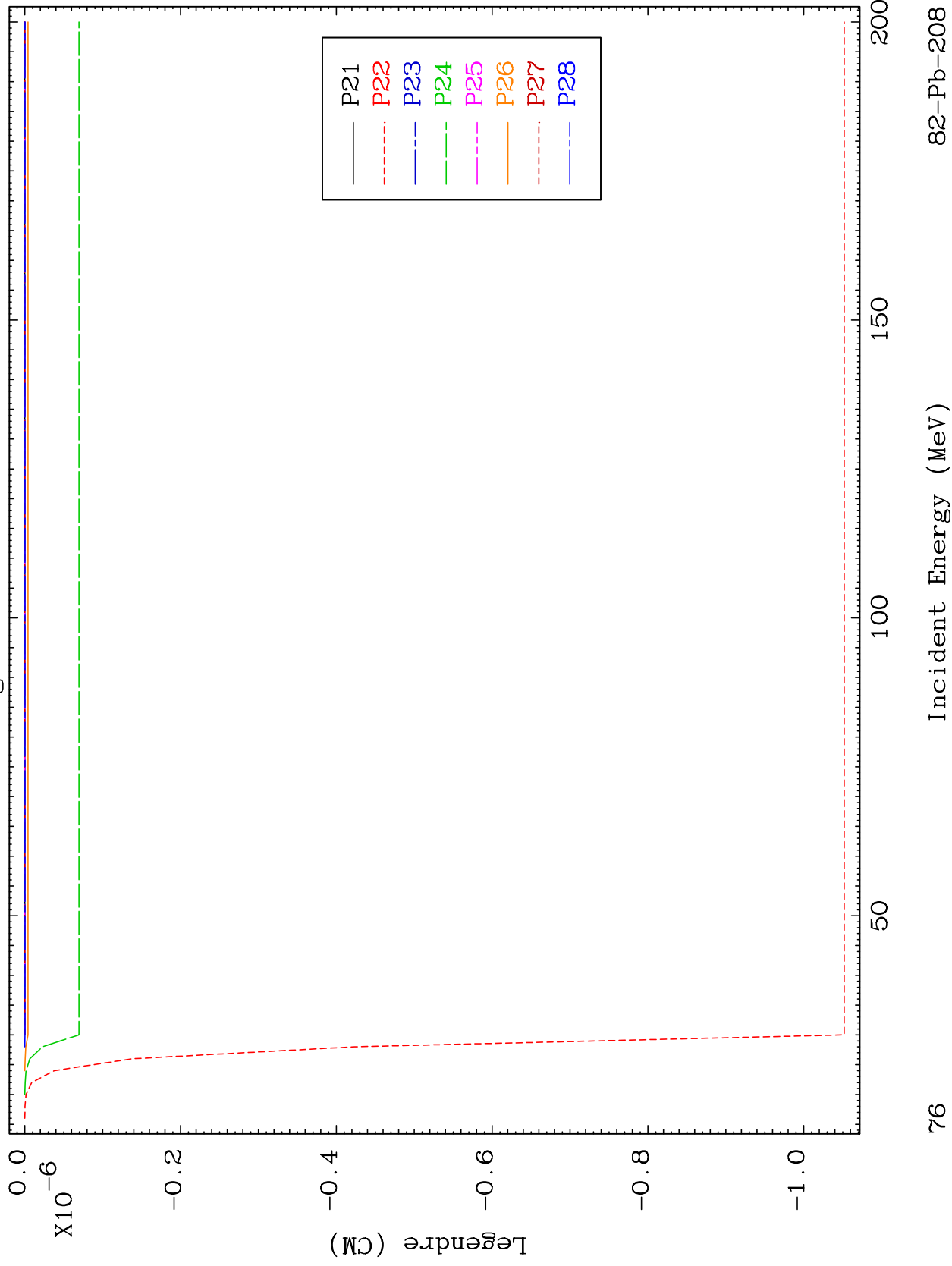
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



76

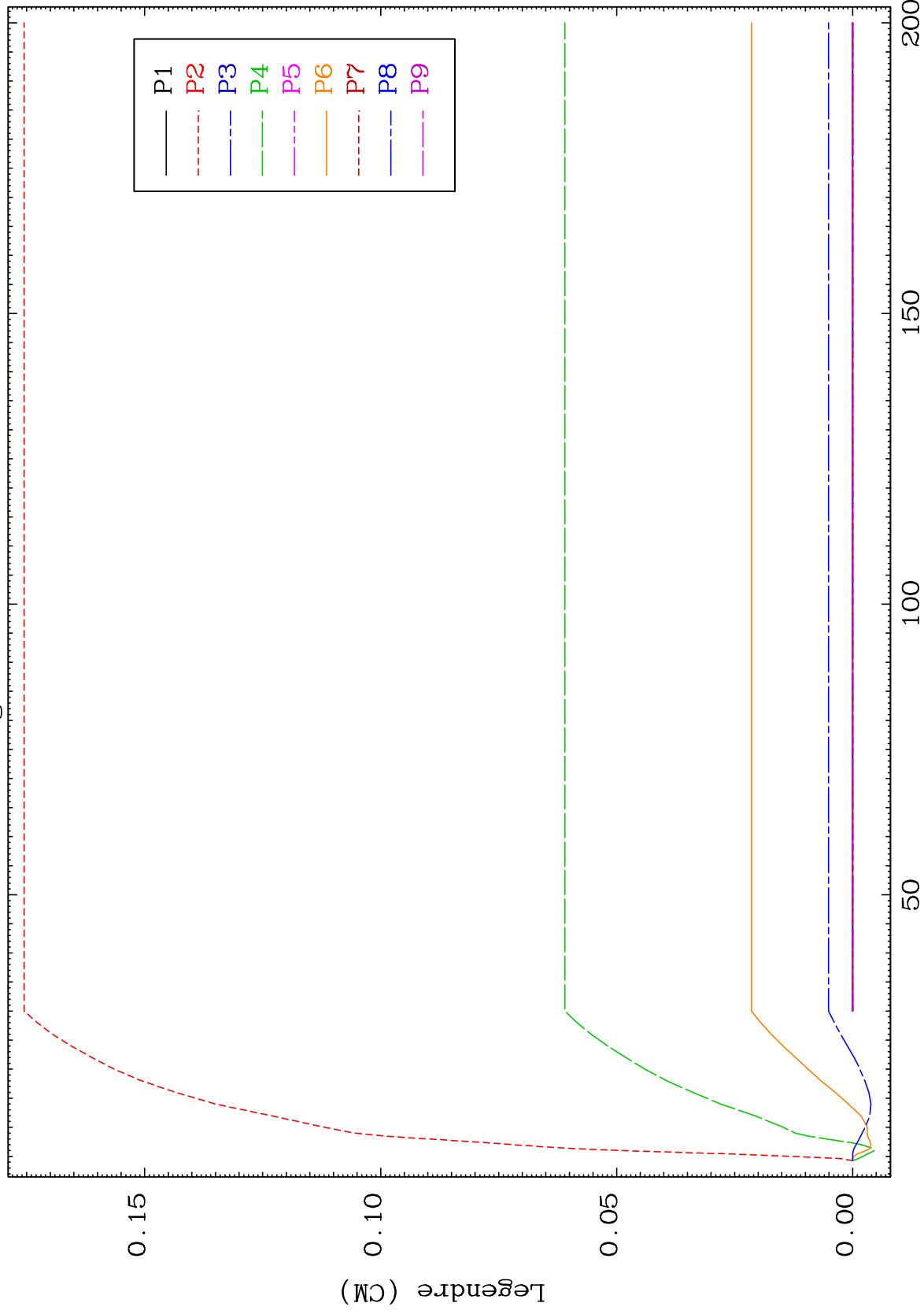
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



77

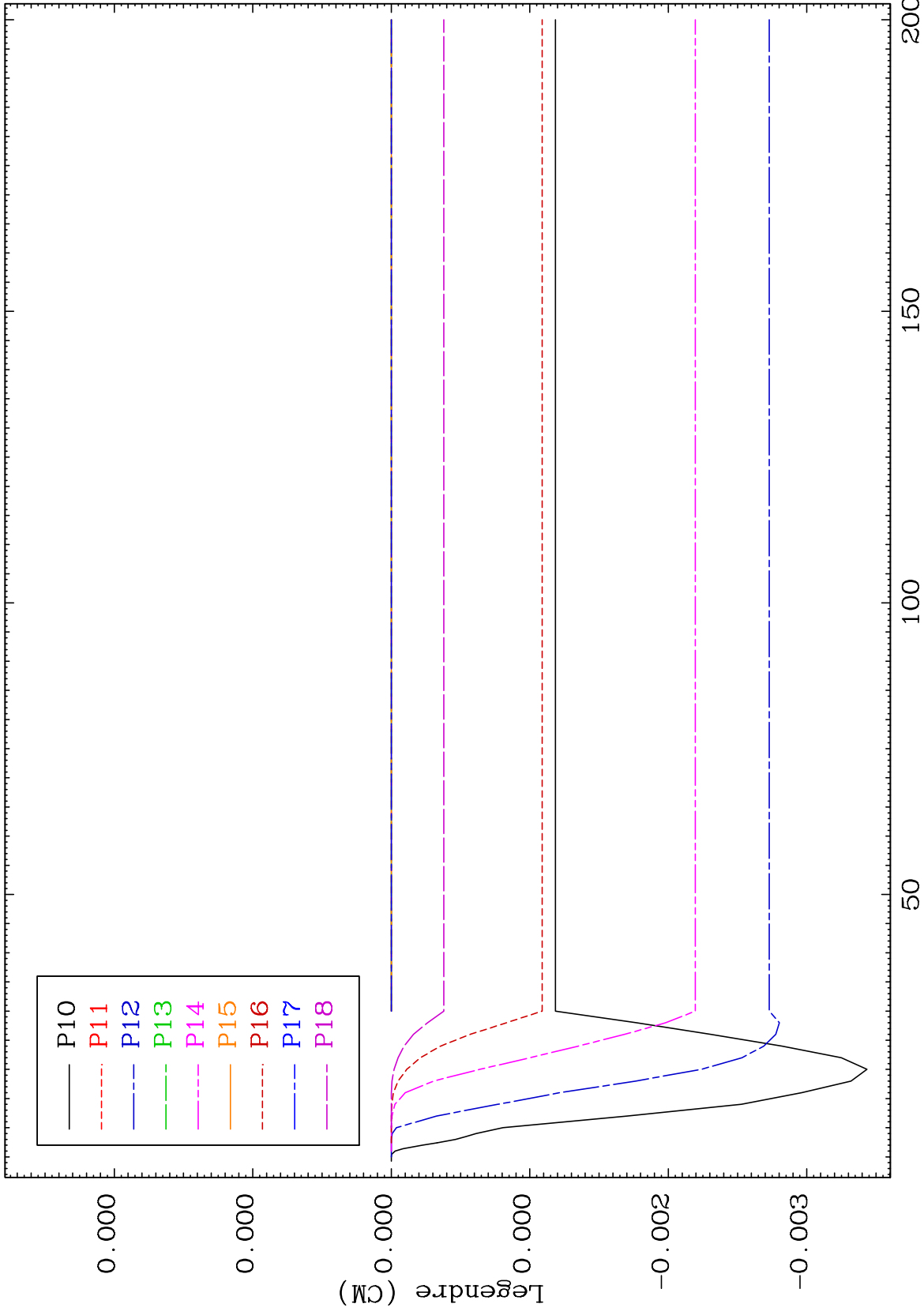
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



78

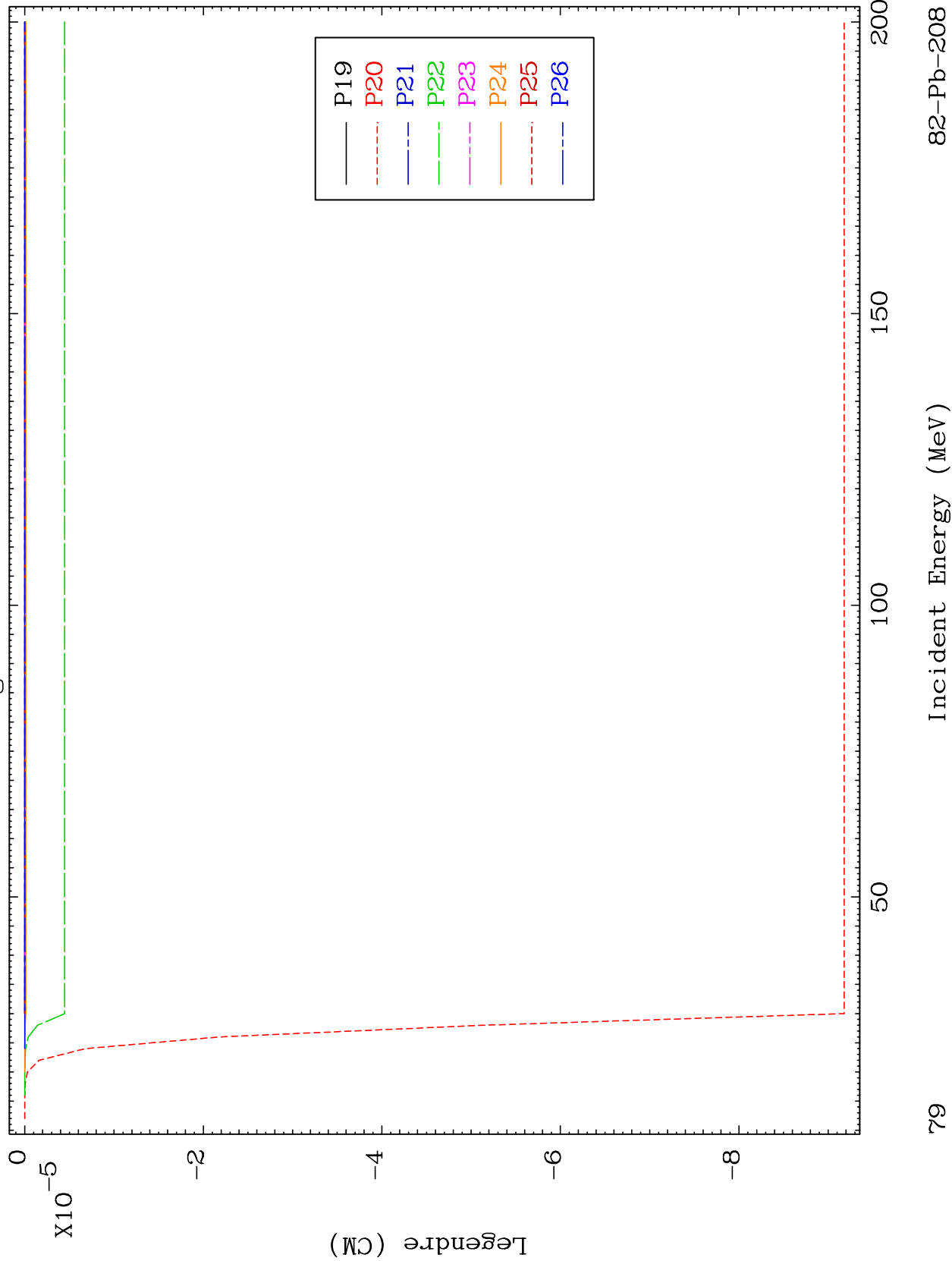
Incident Energy (MeV)

82-Pb-208

MAT 8237

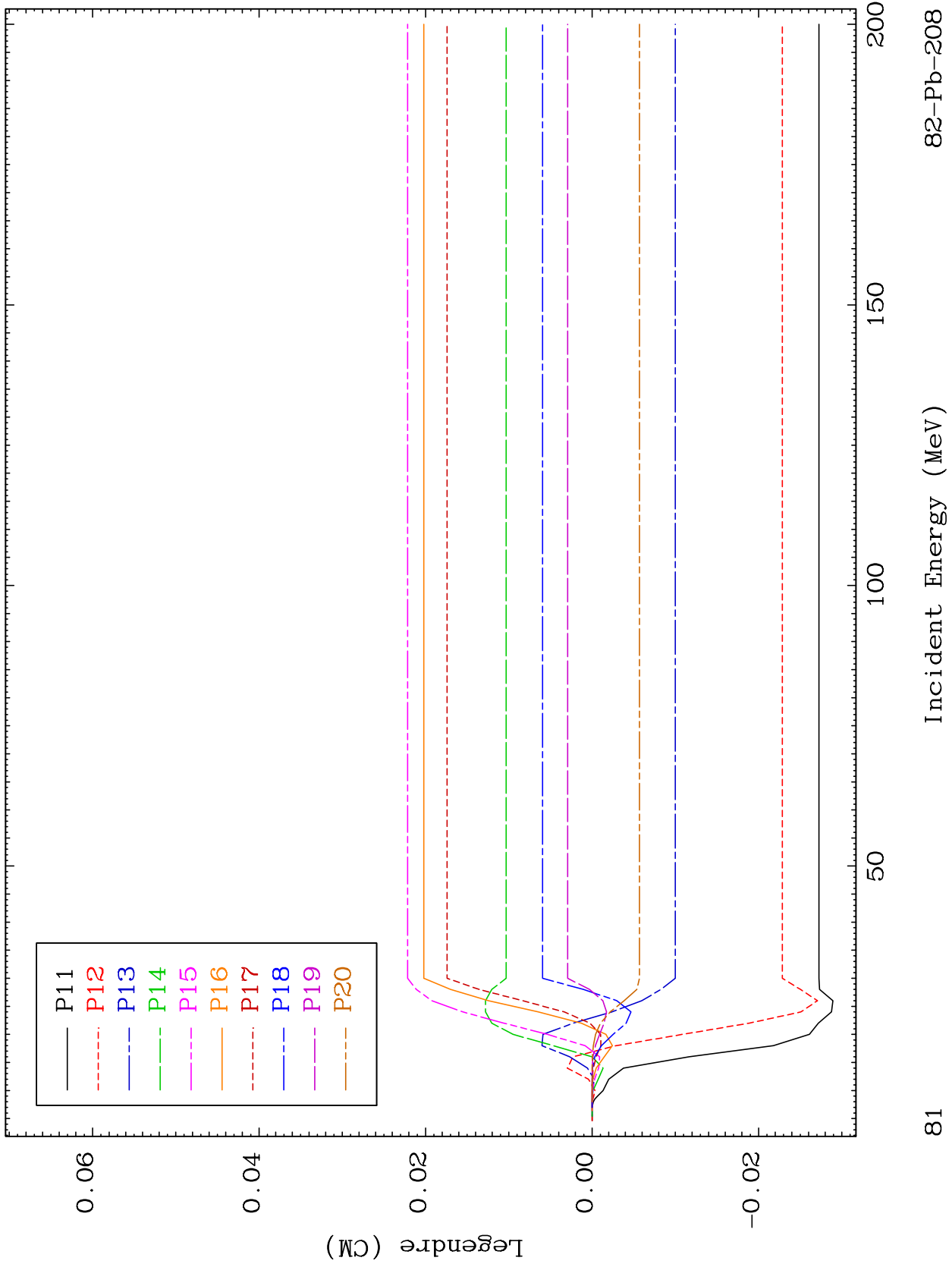
MT= 66 (n,n') Level
Legendre Coefficients

82-Pb-208



79

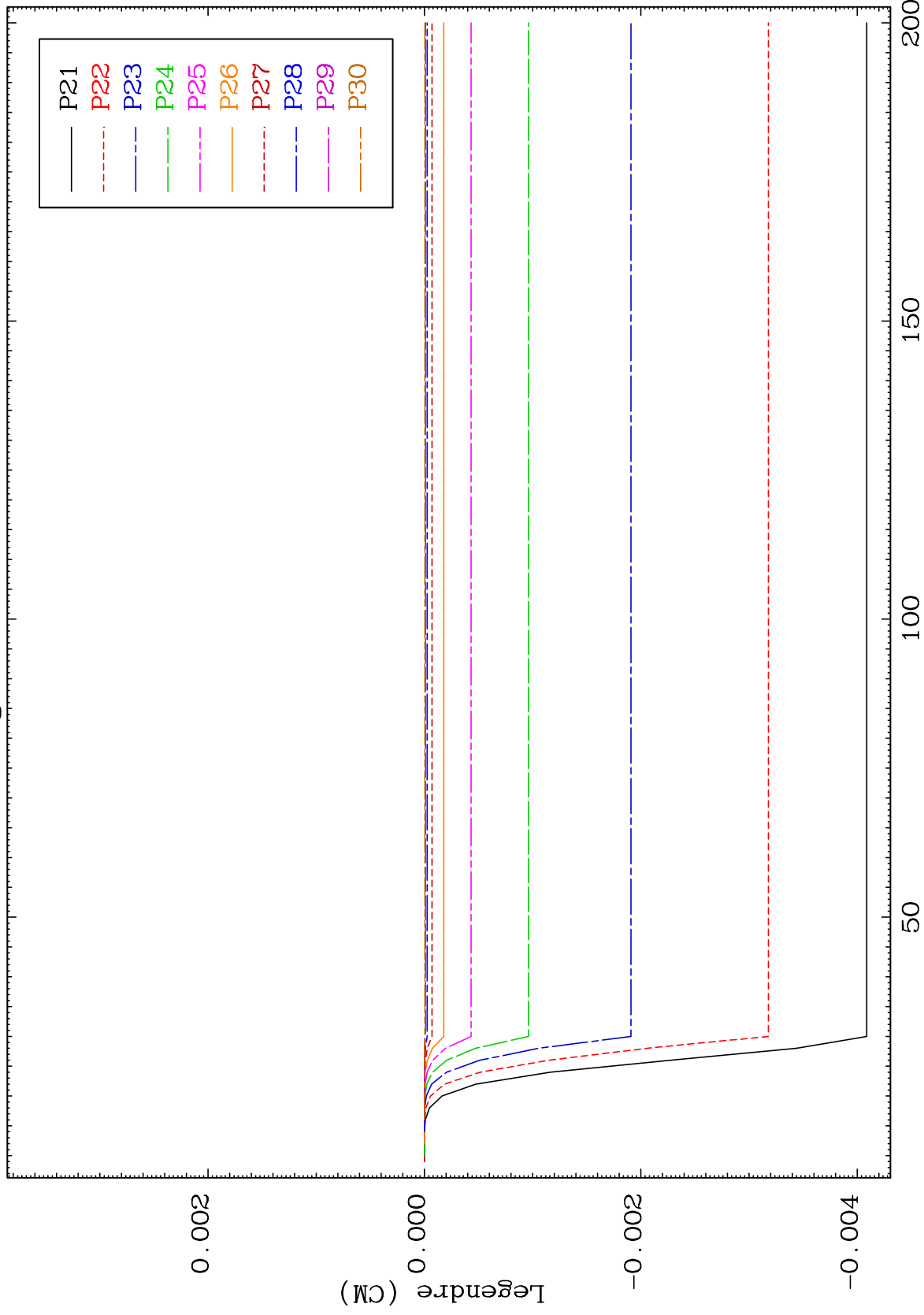
82-Pb-208



MAT 8237

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

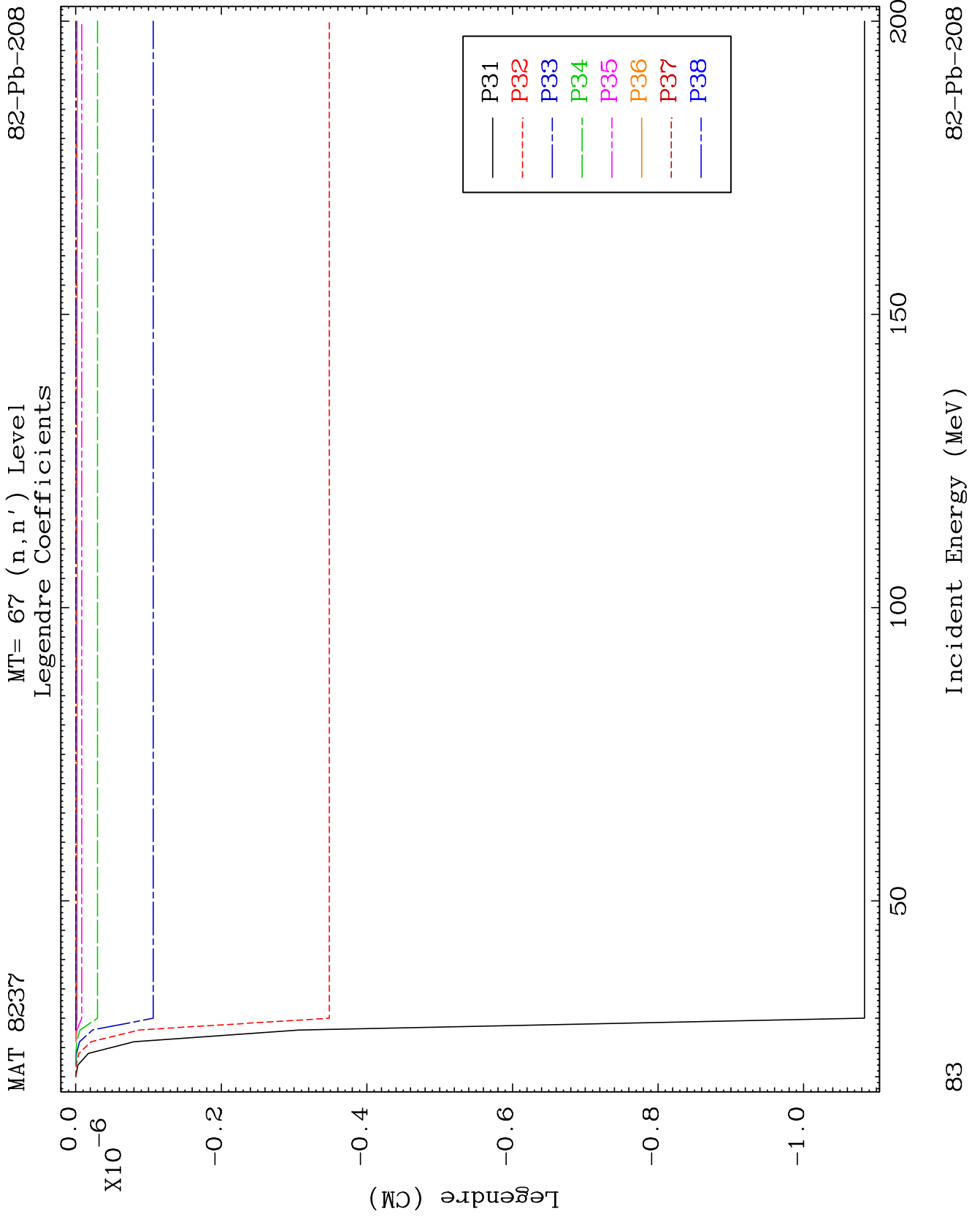
82-Pb-208



82

Incident Energy (MeV)

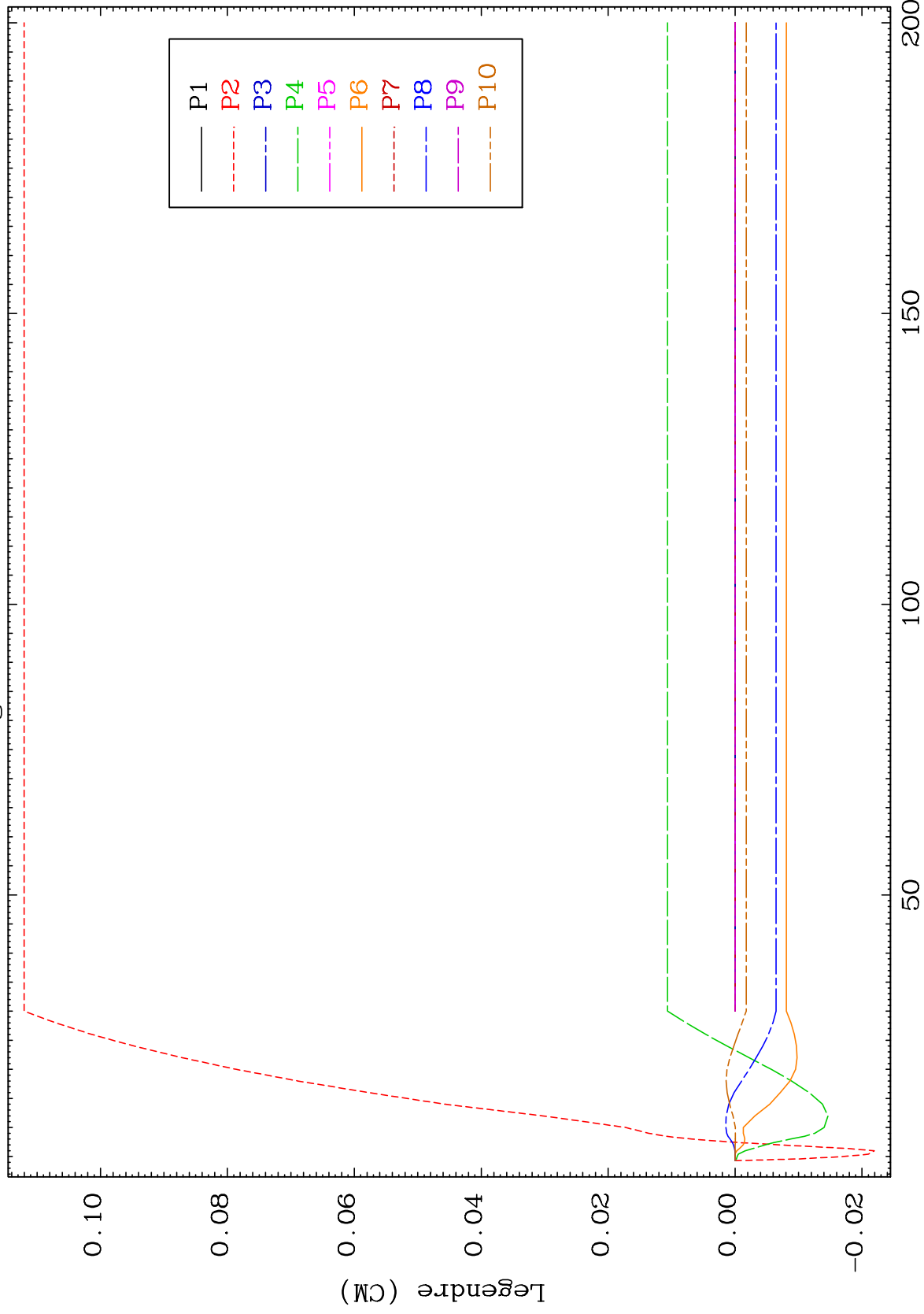
82-Pb-208



MAT 8237

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

82-Pb-208



84

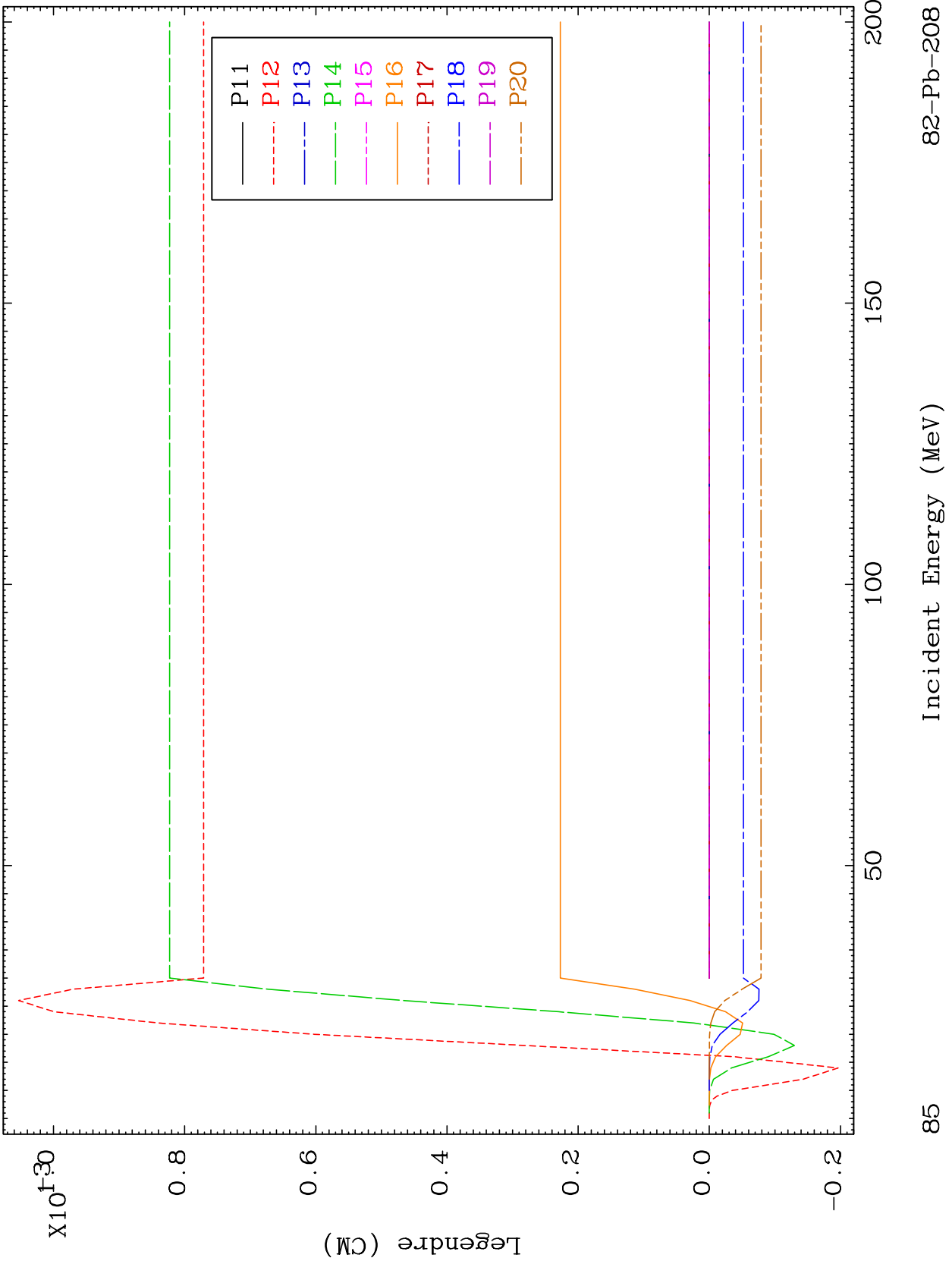
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



85

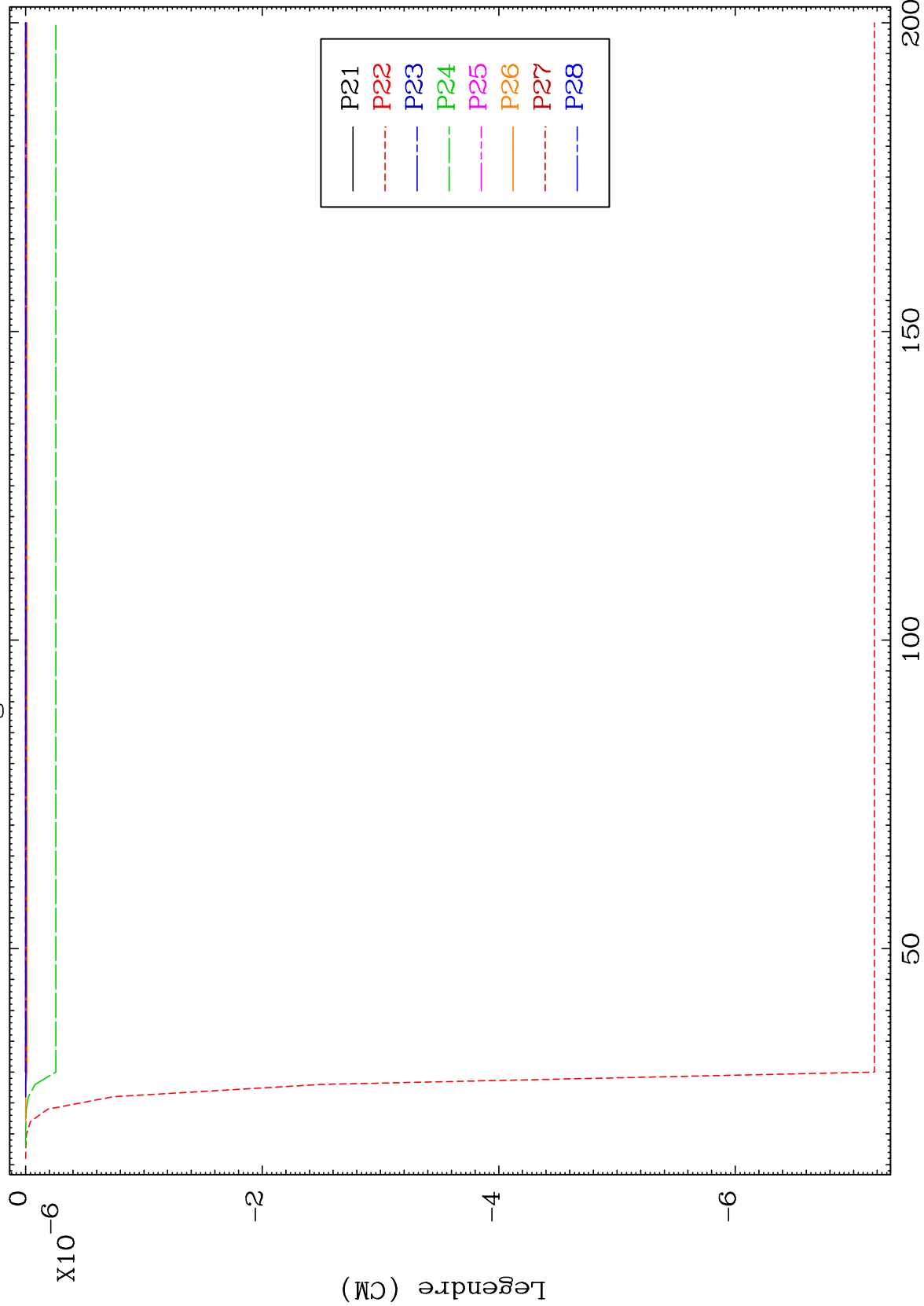
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



86

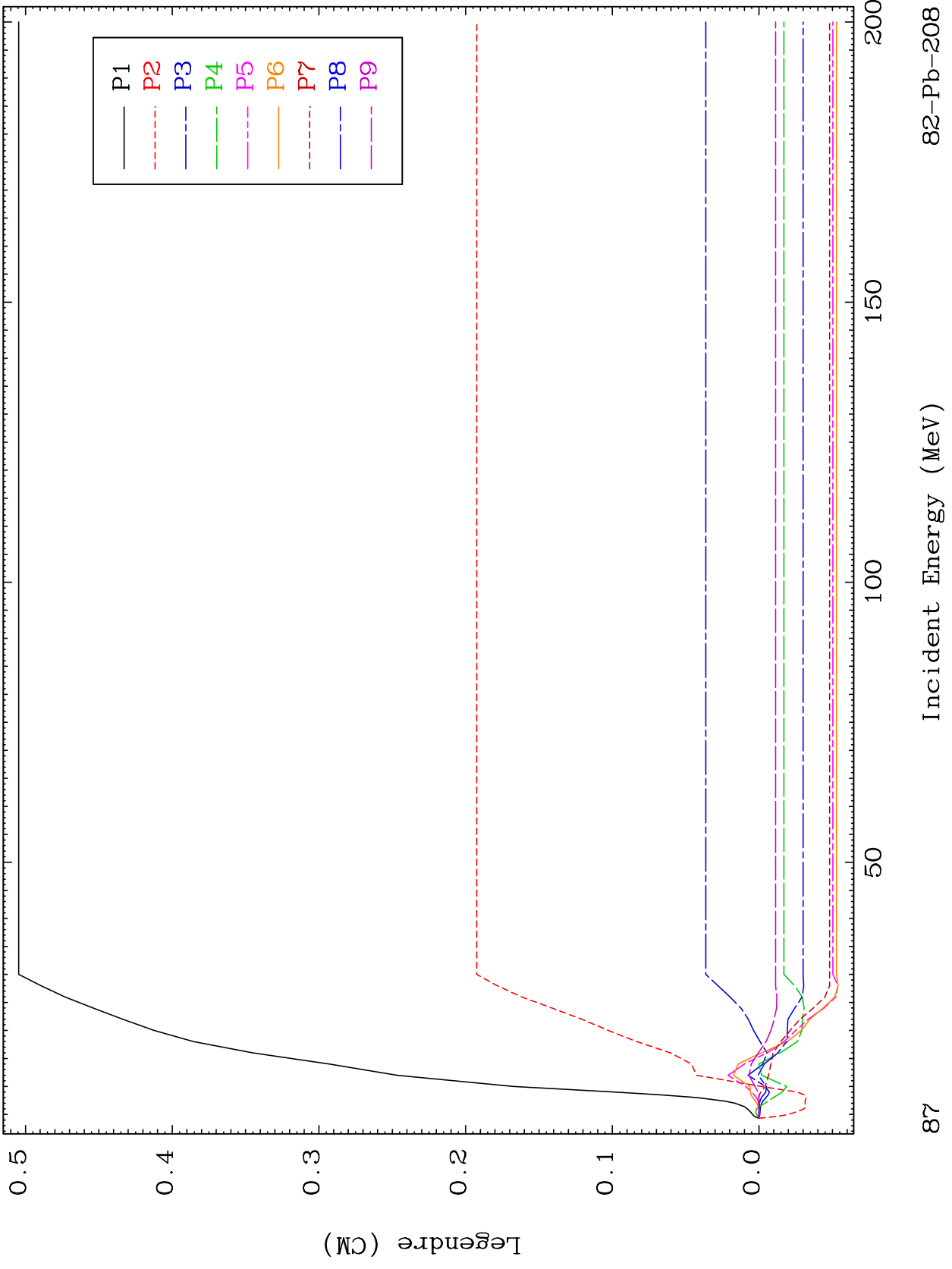
Incident Energy (MeV)

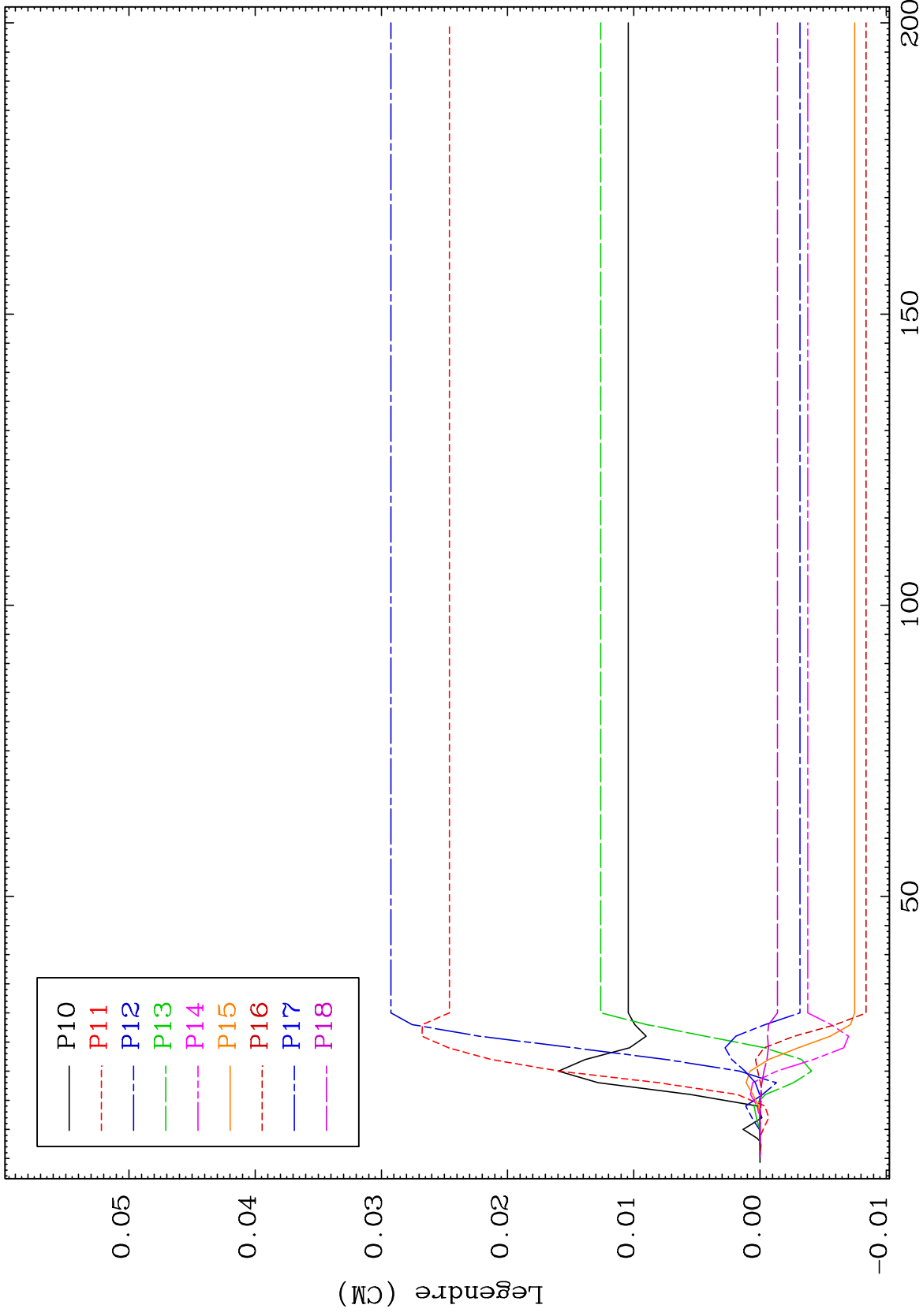
82-Pb-208

MAT 8237

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

82-Pb-208

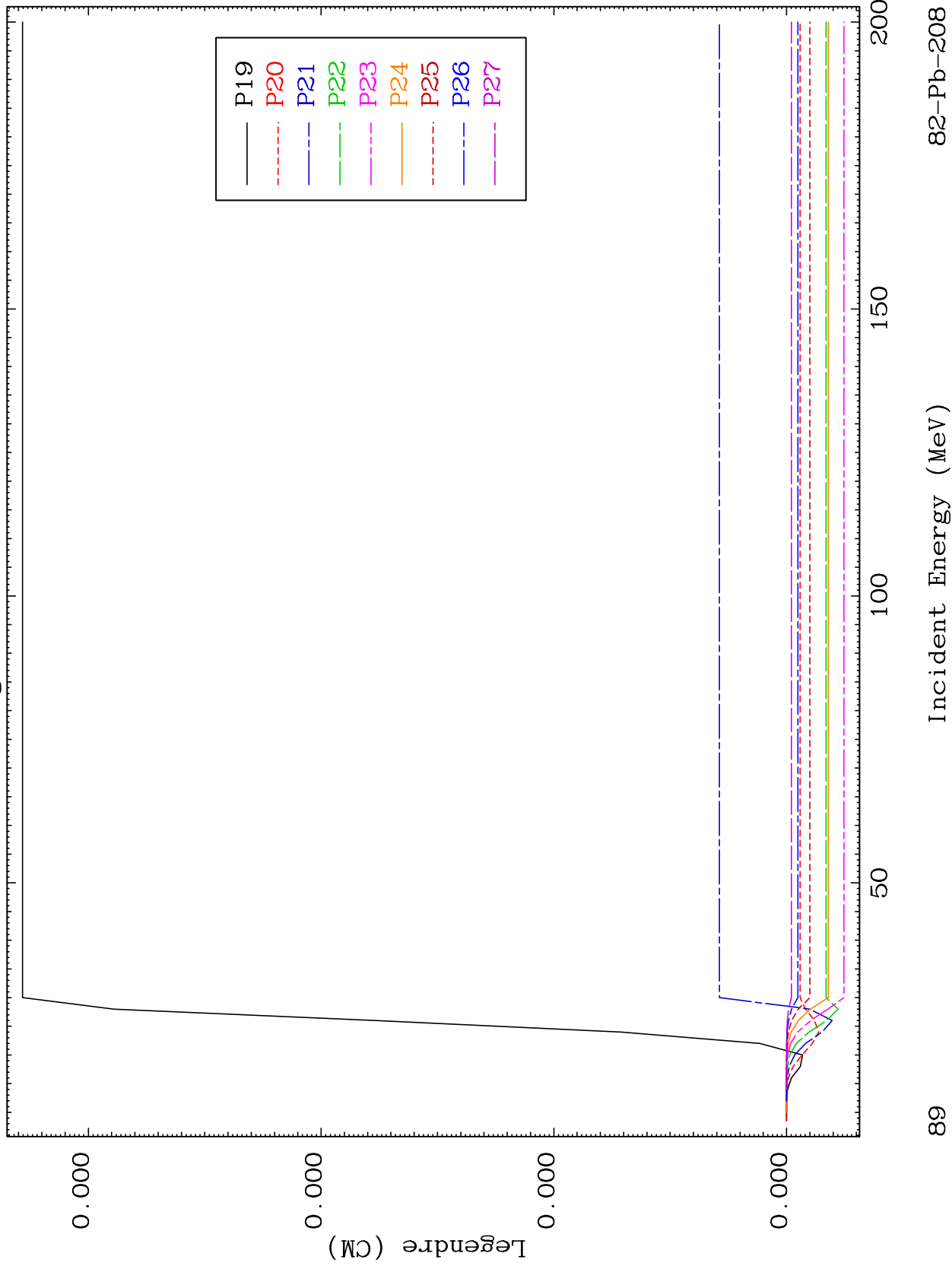




MAT 8237

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

82-Pb-208



89

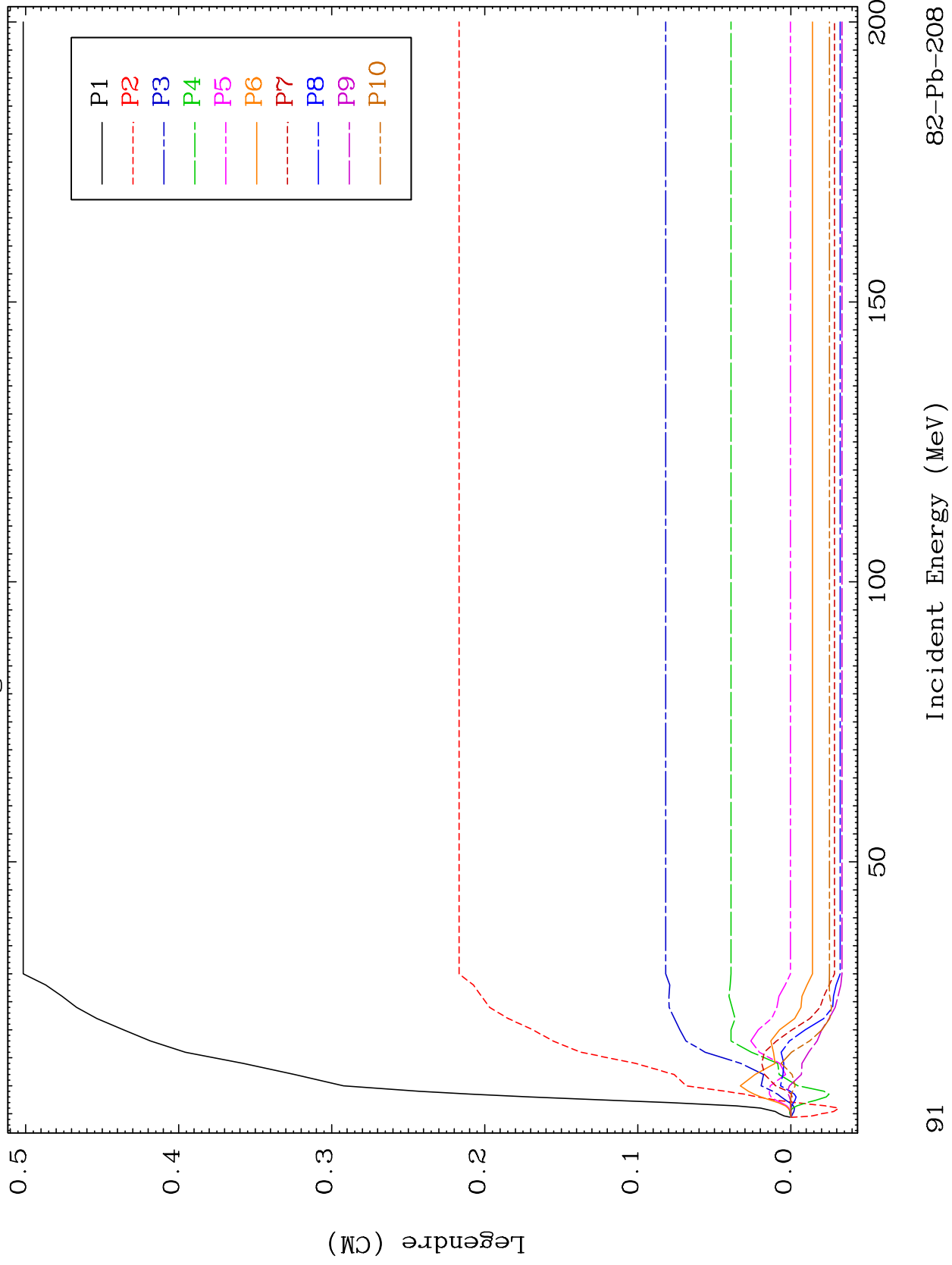
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



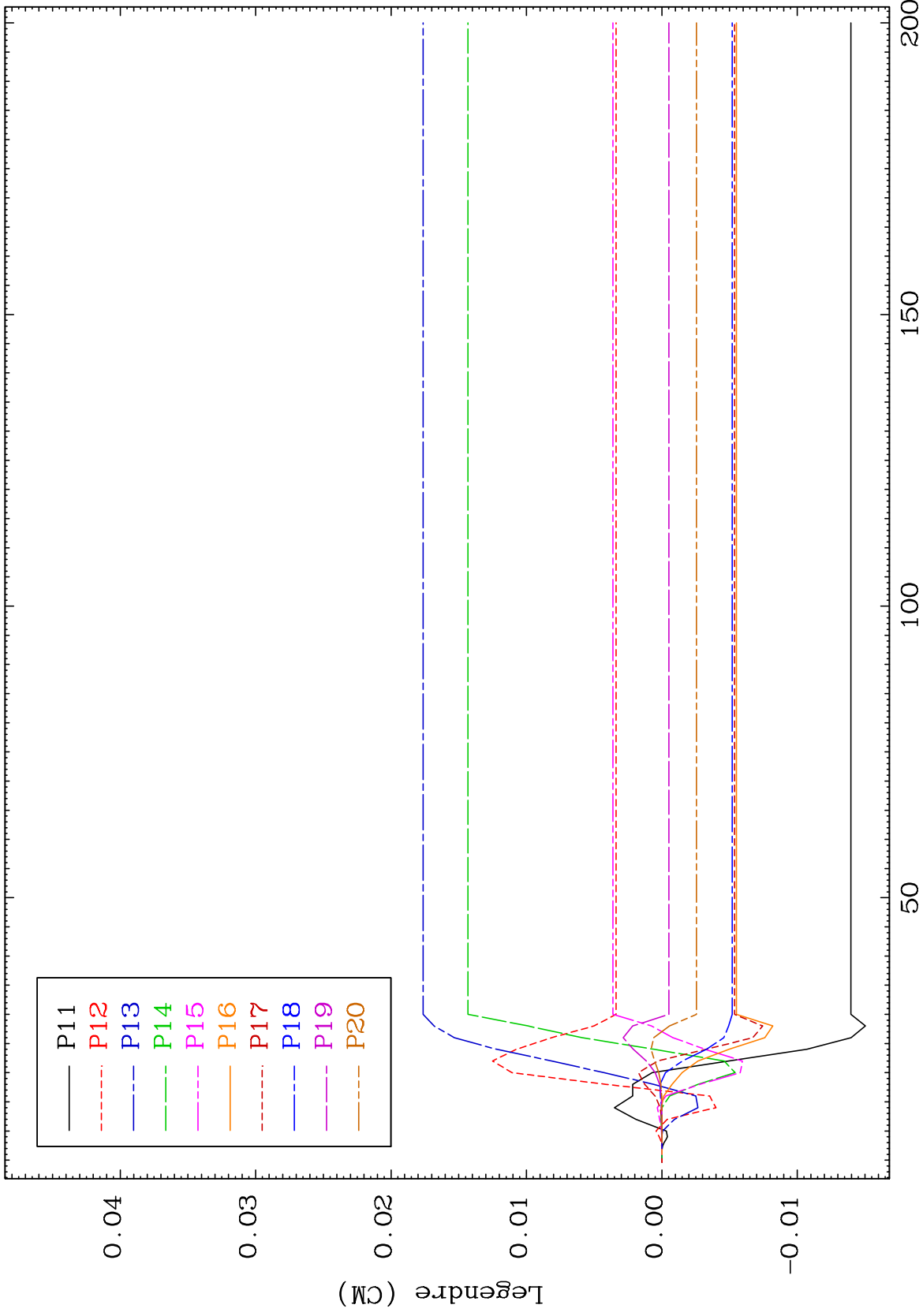
91

82-Pb-208

MAT 8237

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

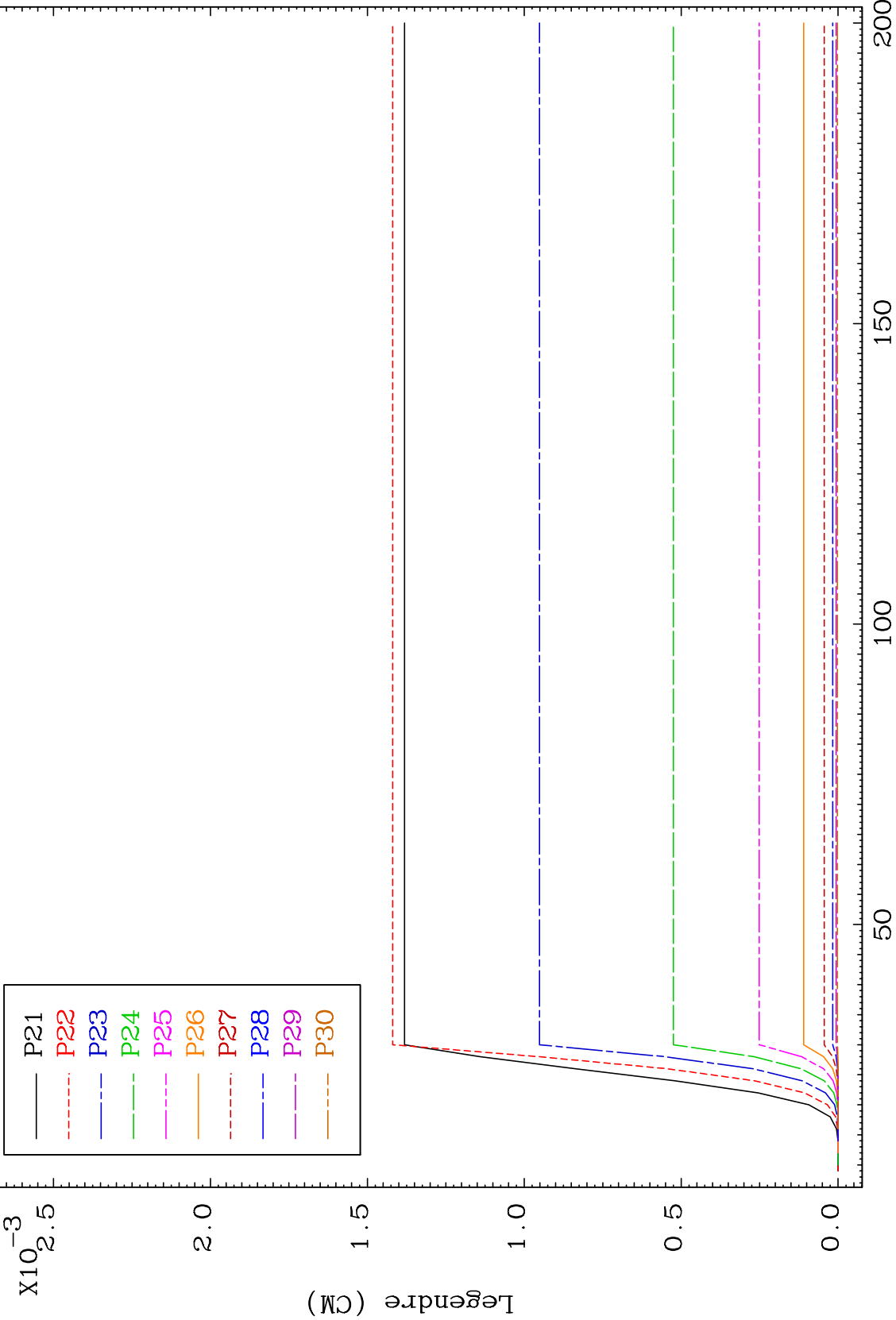
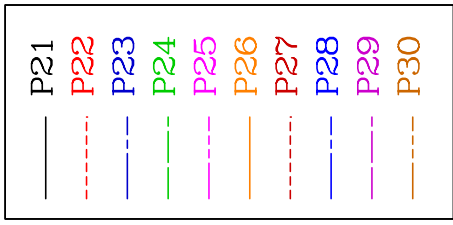
82-Pb-208



MAT 8237

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

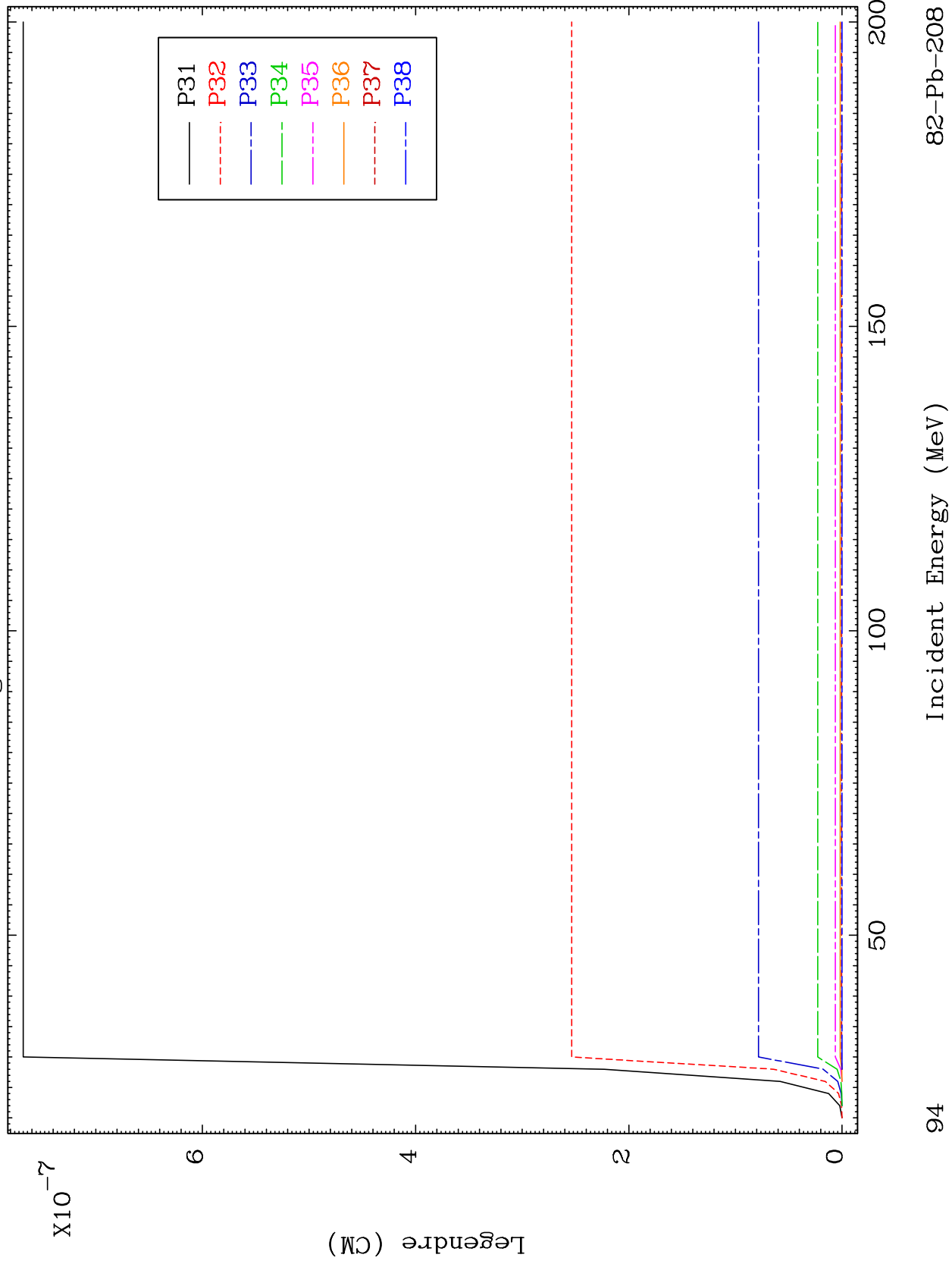
82-Pb-208



MAT 8237

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

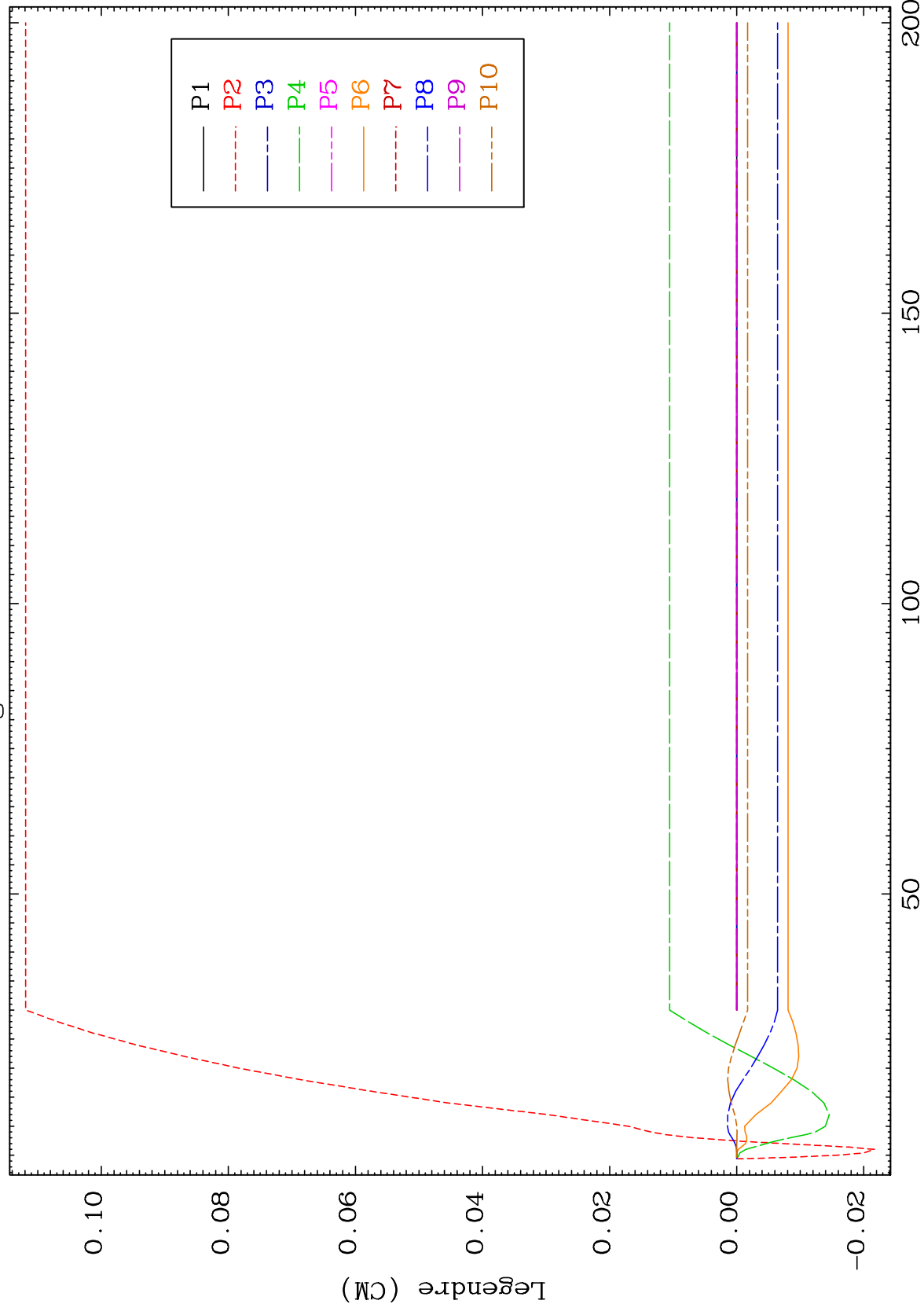
82-Pb-208



MAT 8237

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

82-Pb-208



82-Pb-208

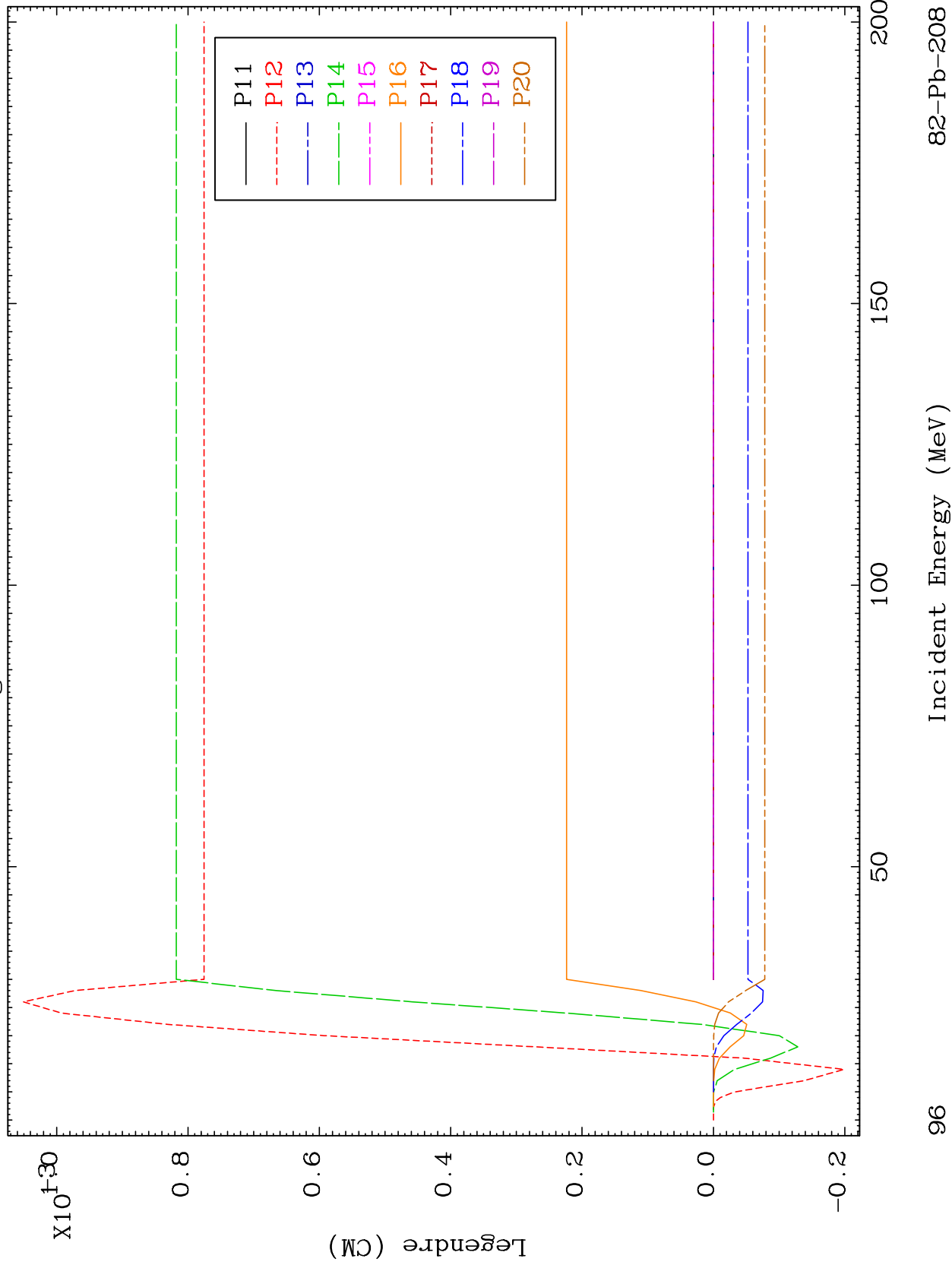
Incident Energy (MeV)

95

MAT 8237

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

82-Pb-208



96

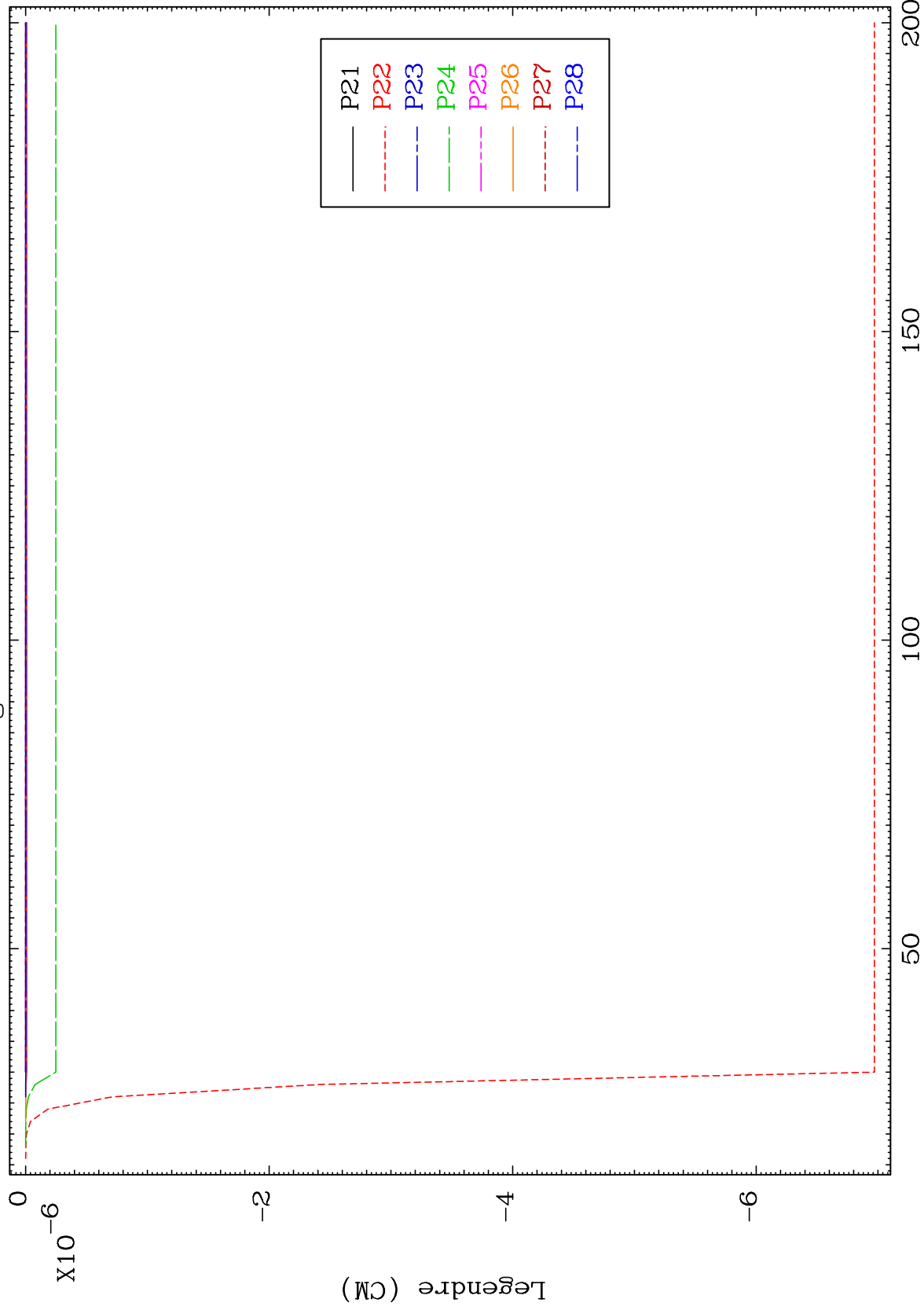
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

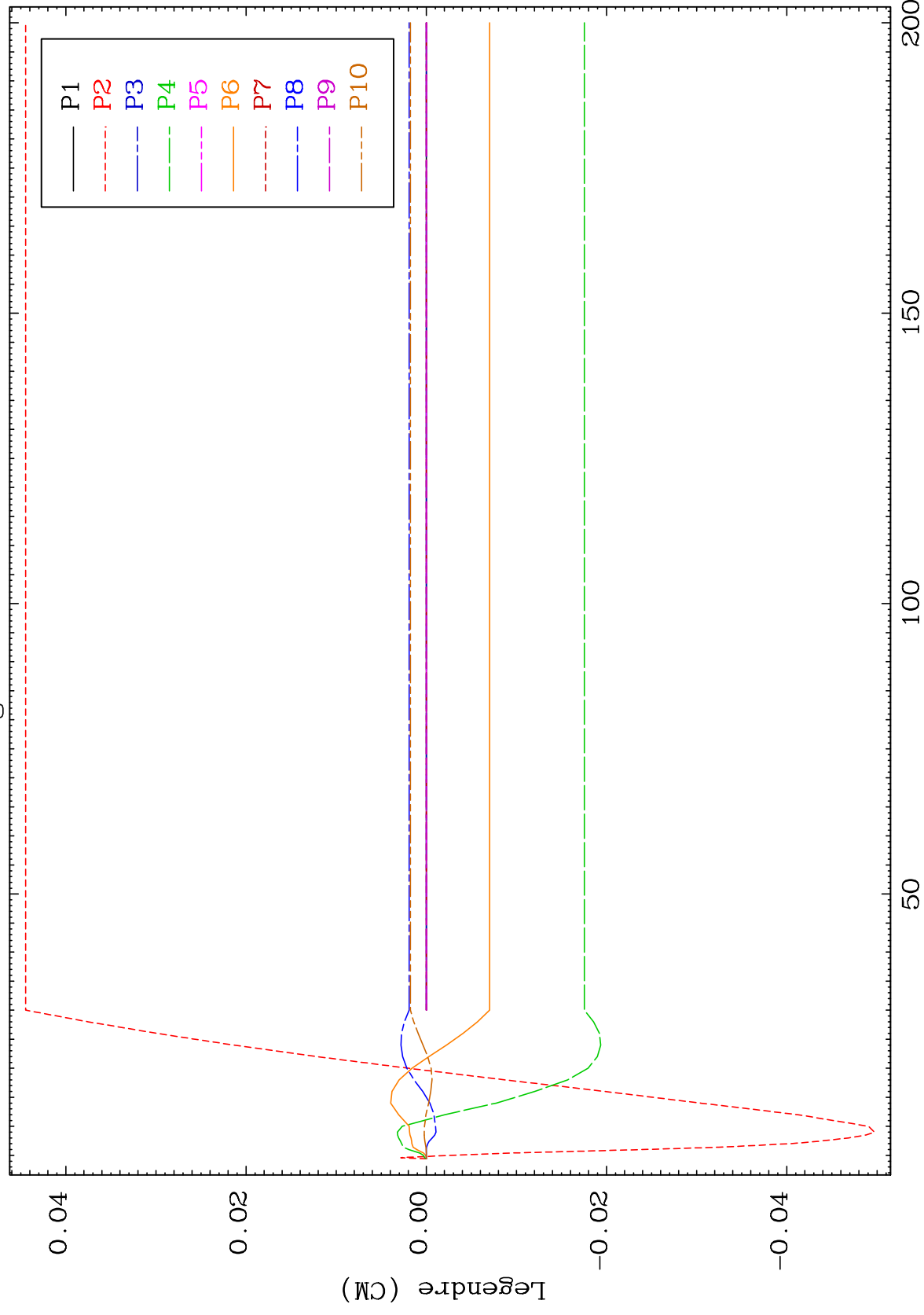
82-Pb-208



MAT 8237

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

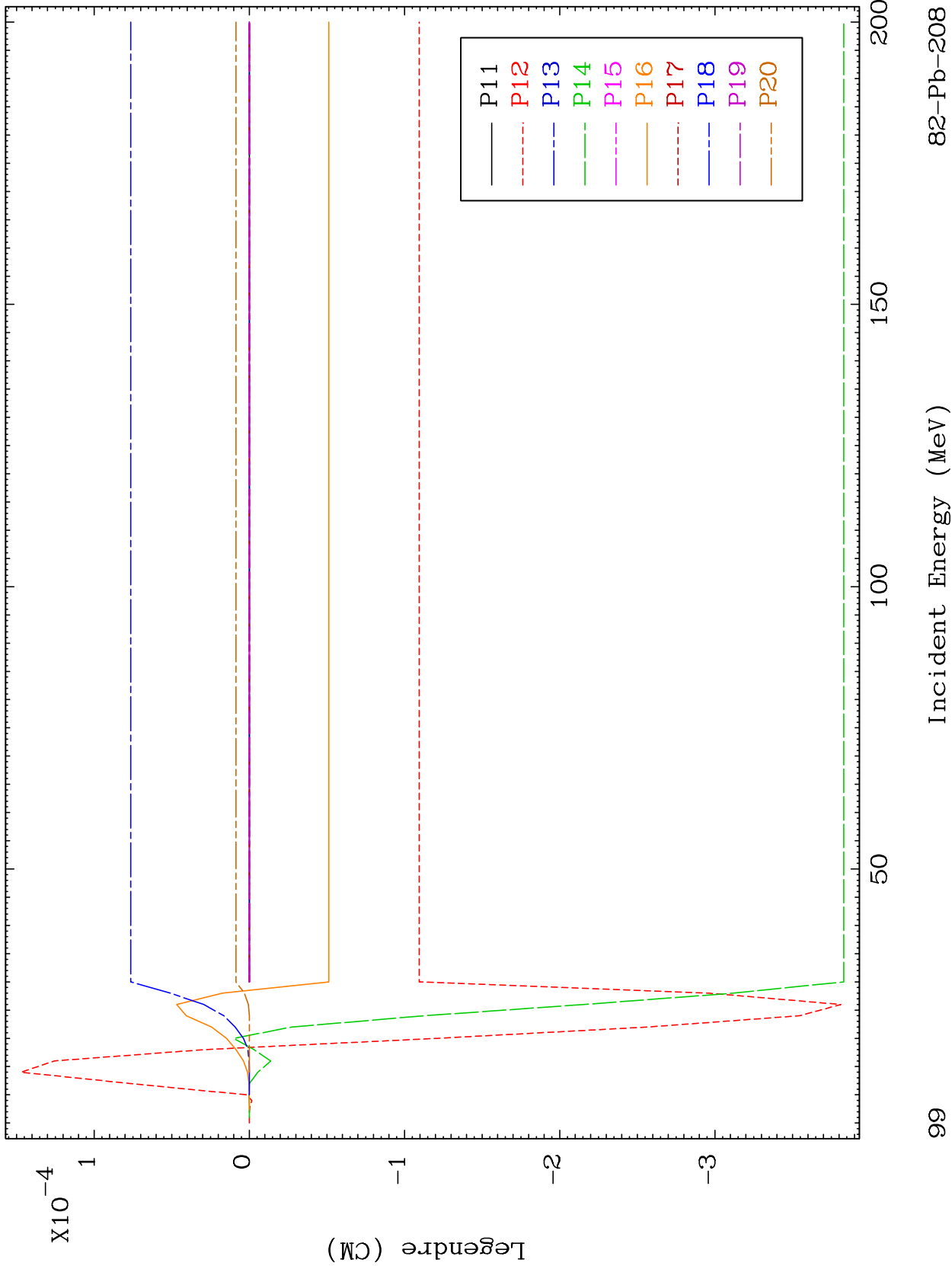
82-Pb-208



98

Incident Energy (MeV)

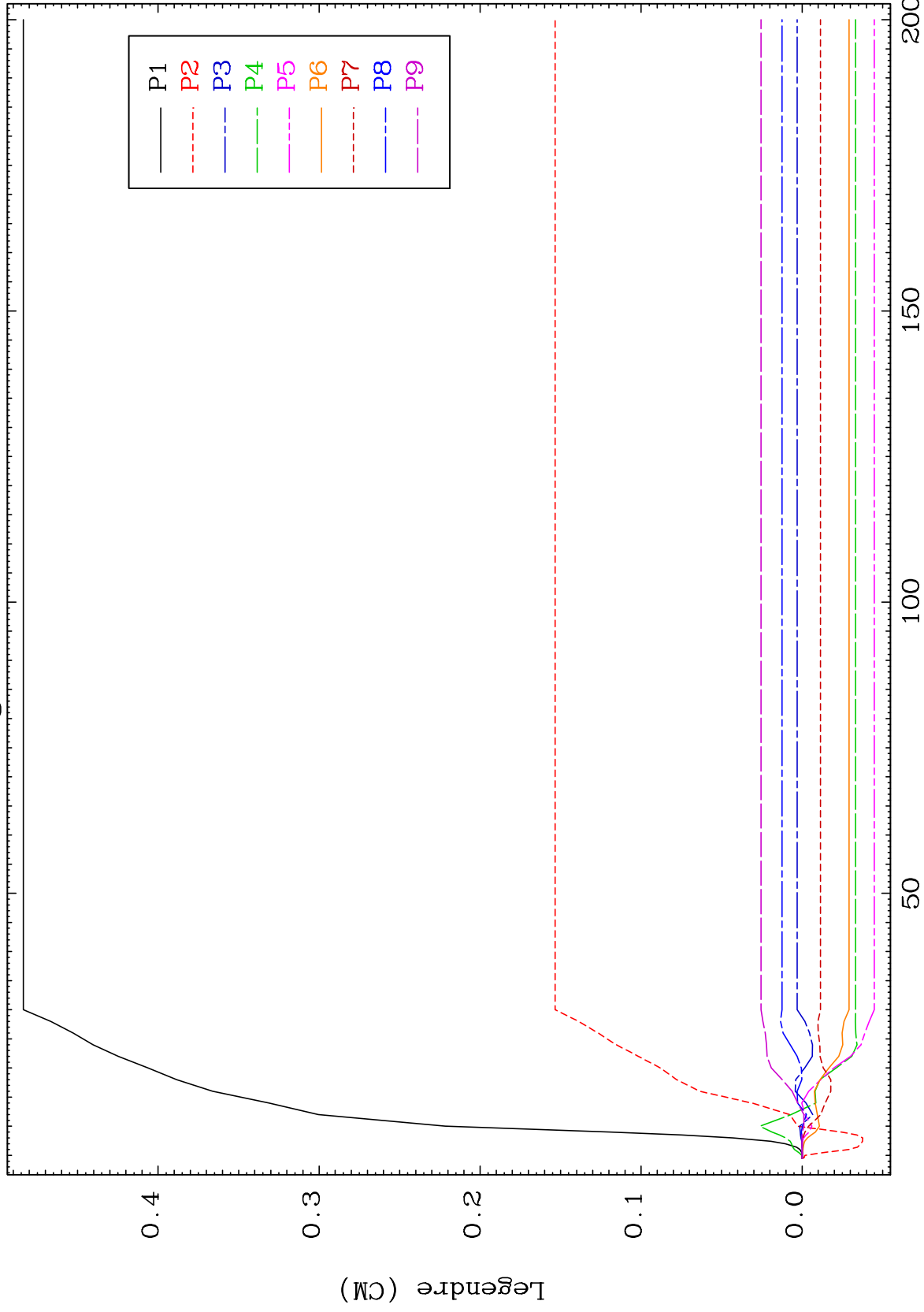
82-Pb-208



MAT 8237

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

82-Pb-208



101

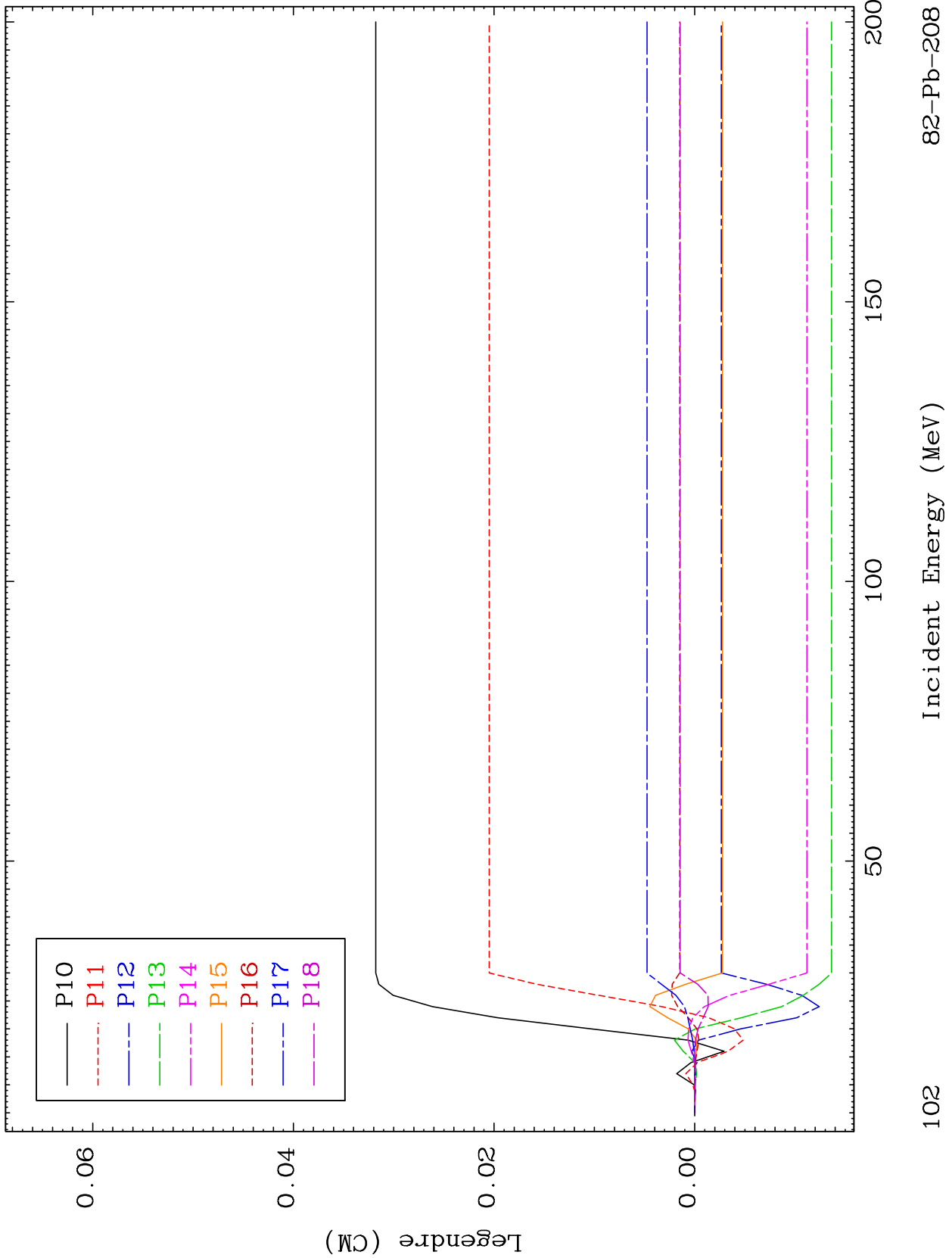
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

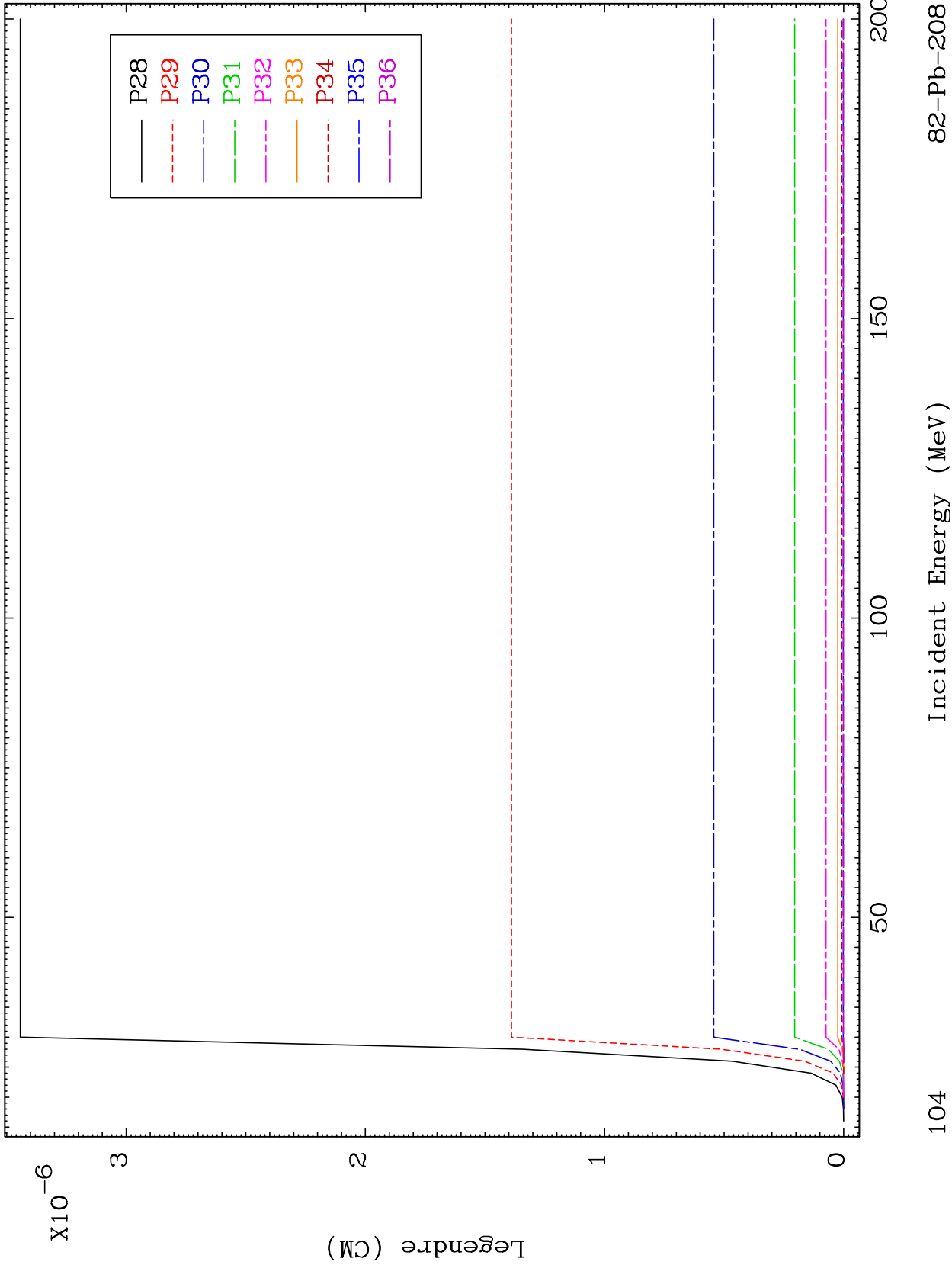
82-Pb-208



MAT 8237

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

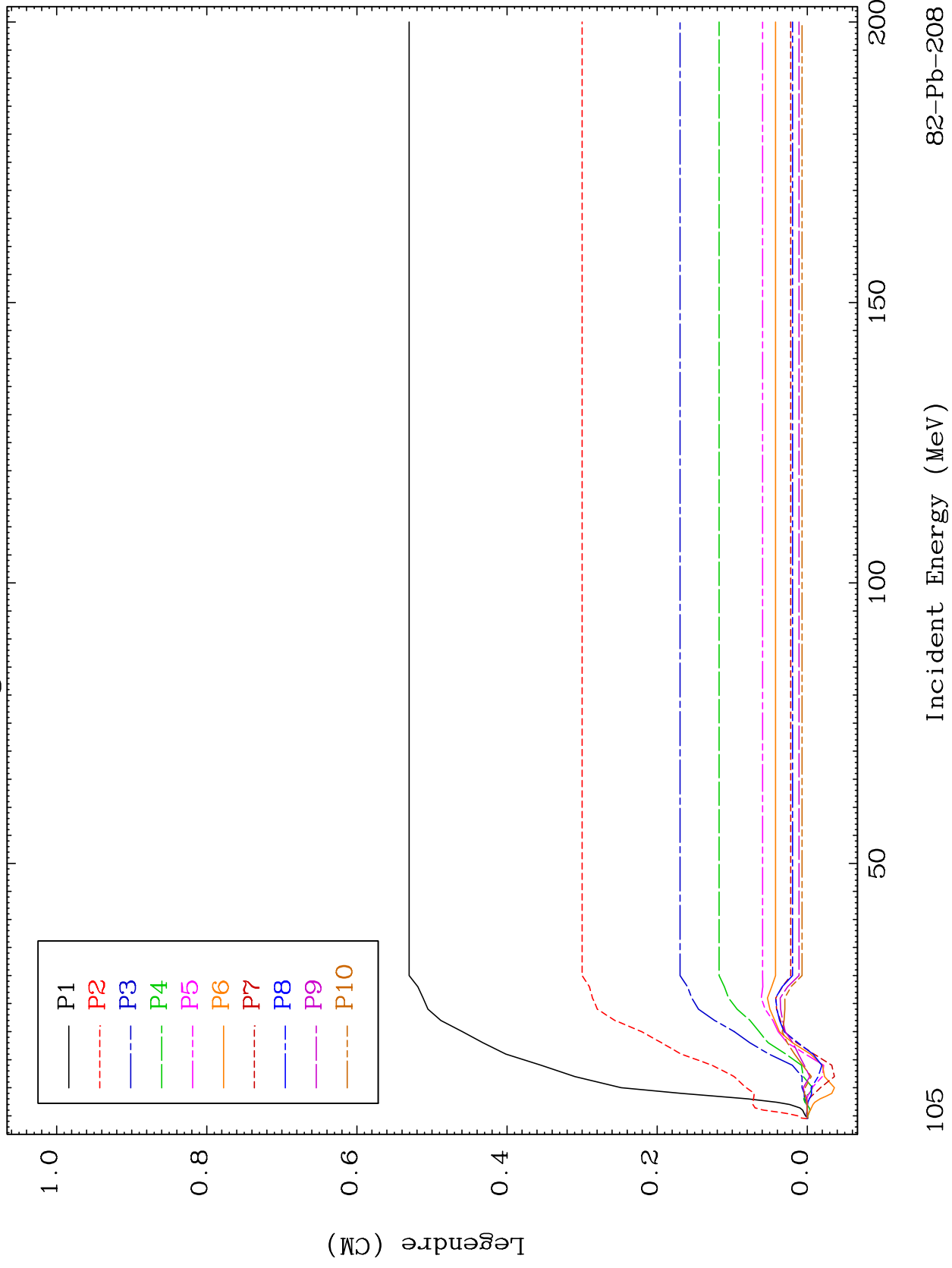
82-Pb-208



MAT 8237

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

82-Pb-208



82-Pb-208

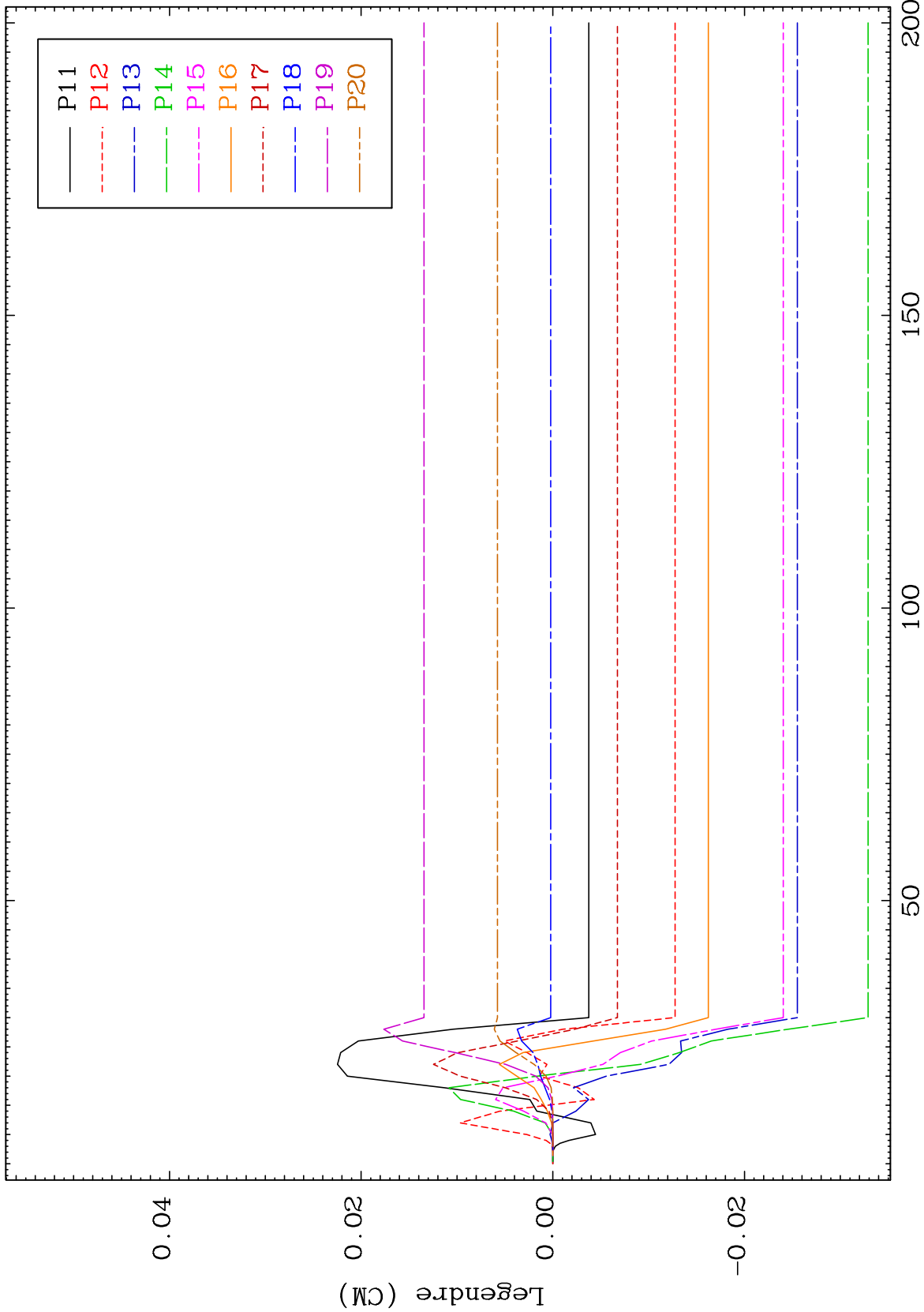
Incident Energy (MeV)

105

MAT 8237

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

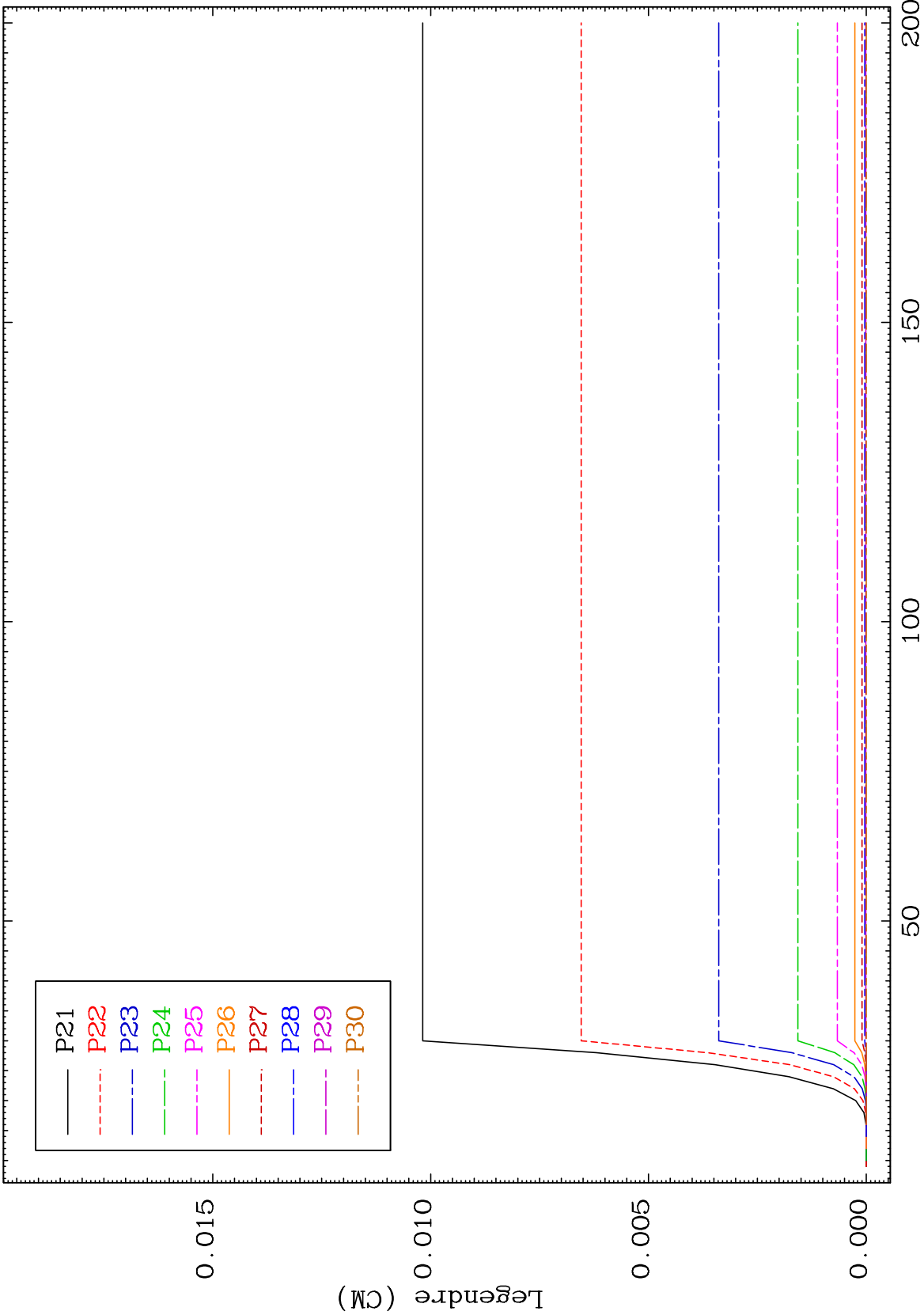
82-Pb-208



MAT 8237

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

82-Pb-208



107

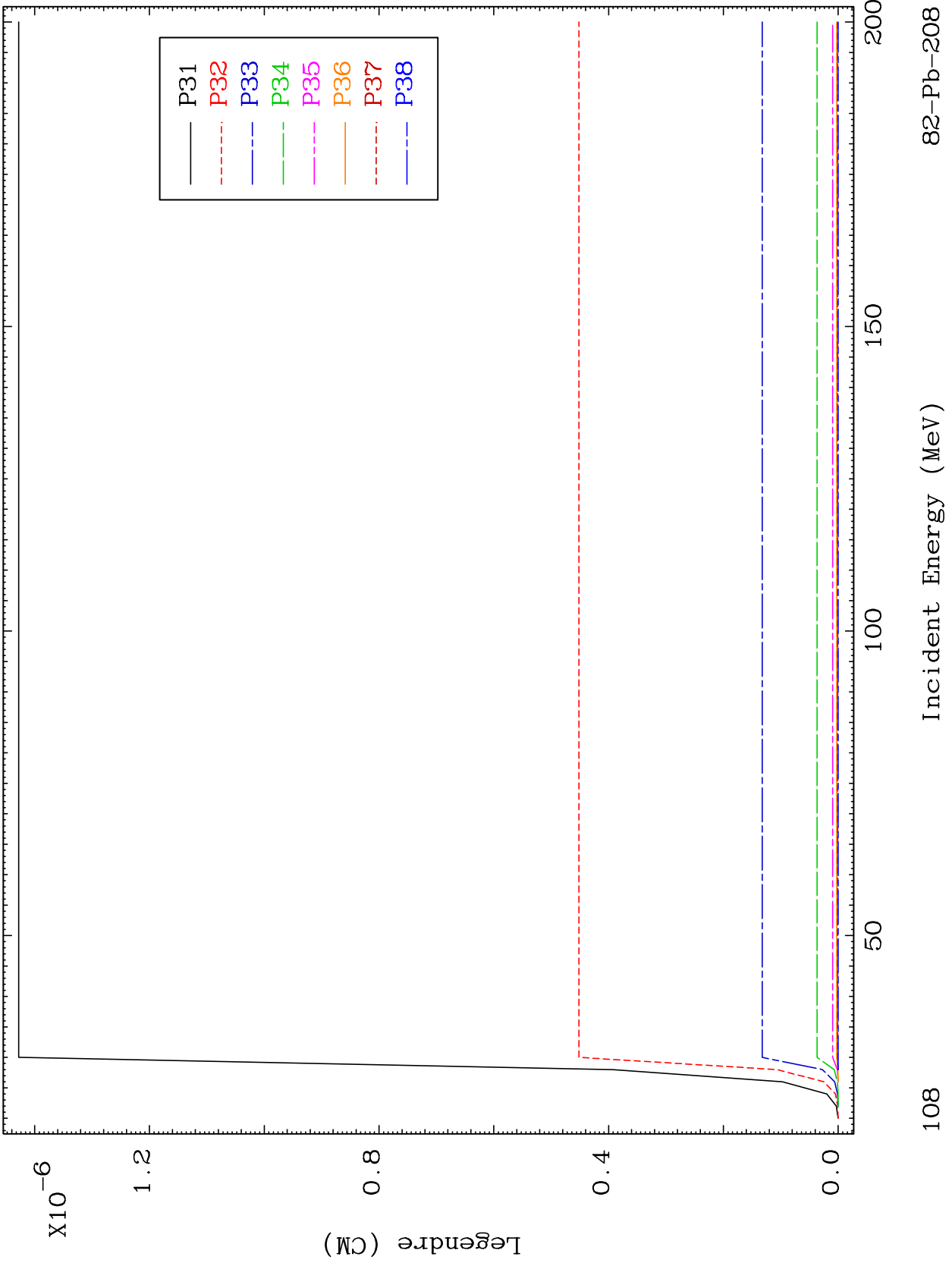
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



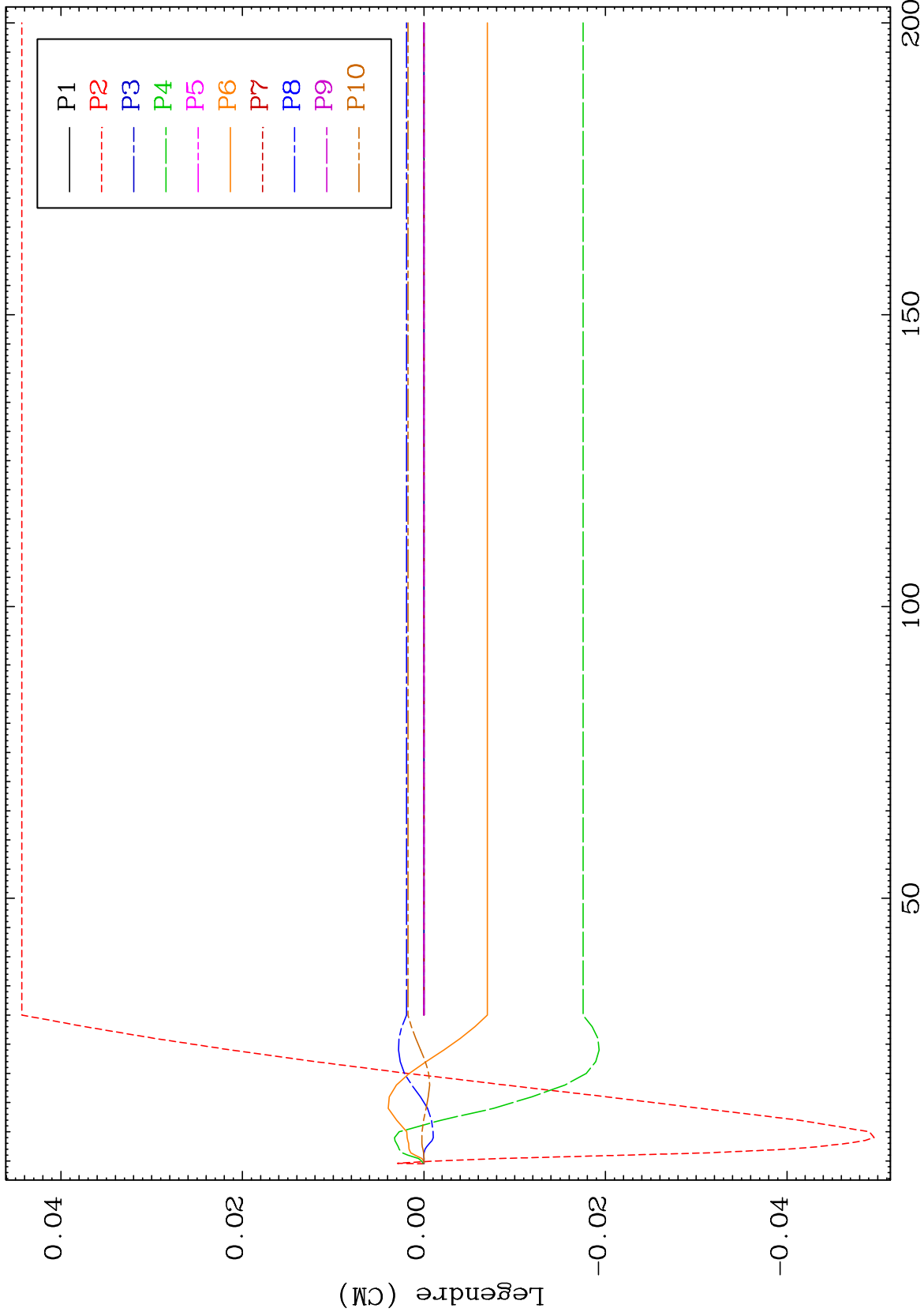
108

MAT 8237

MT= 75 (n,n') Level

82-Pb-208

Legendre Coefficients



109

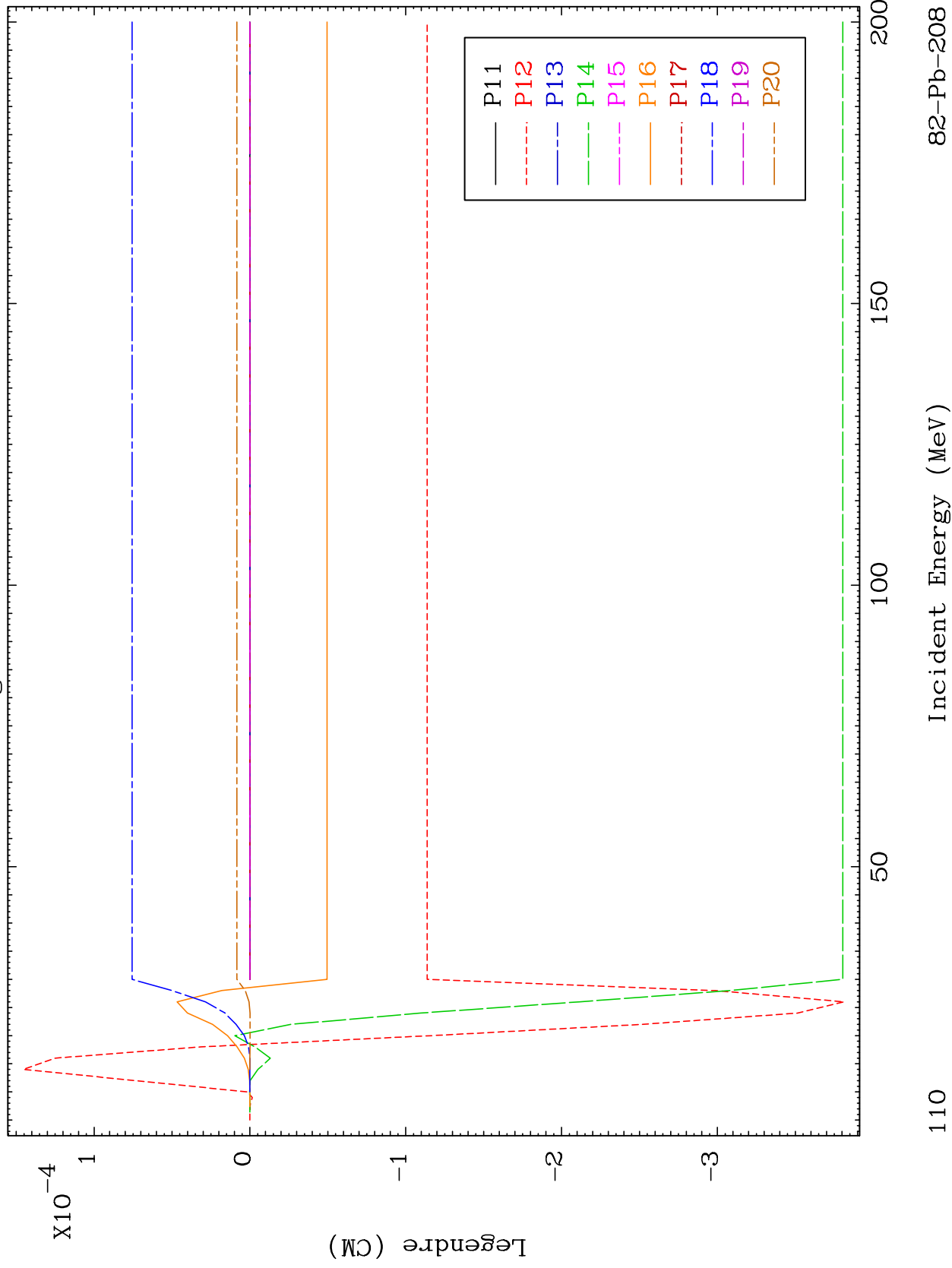
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

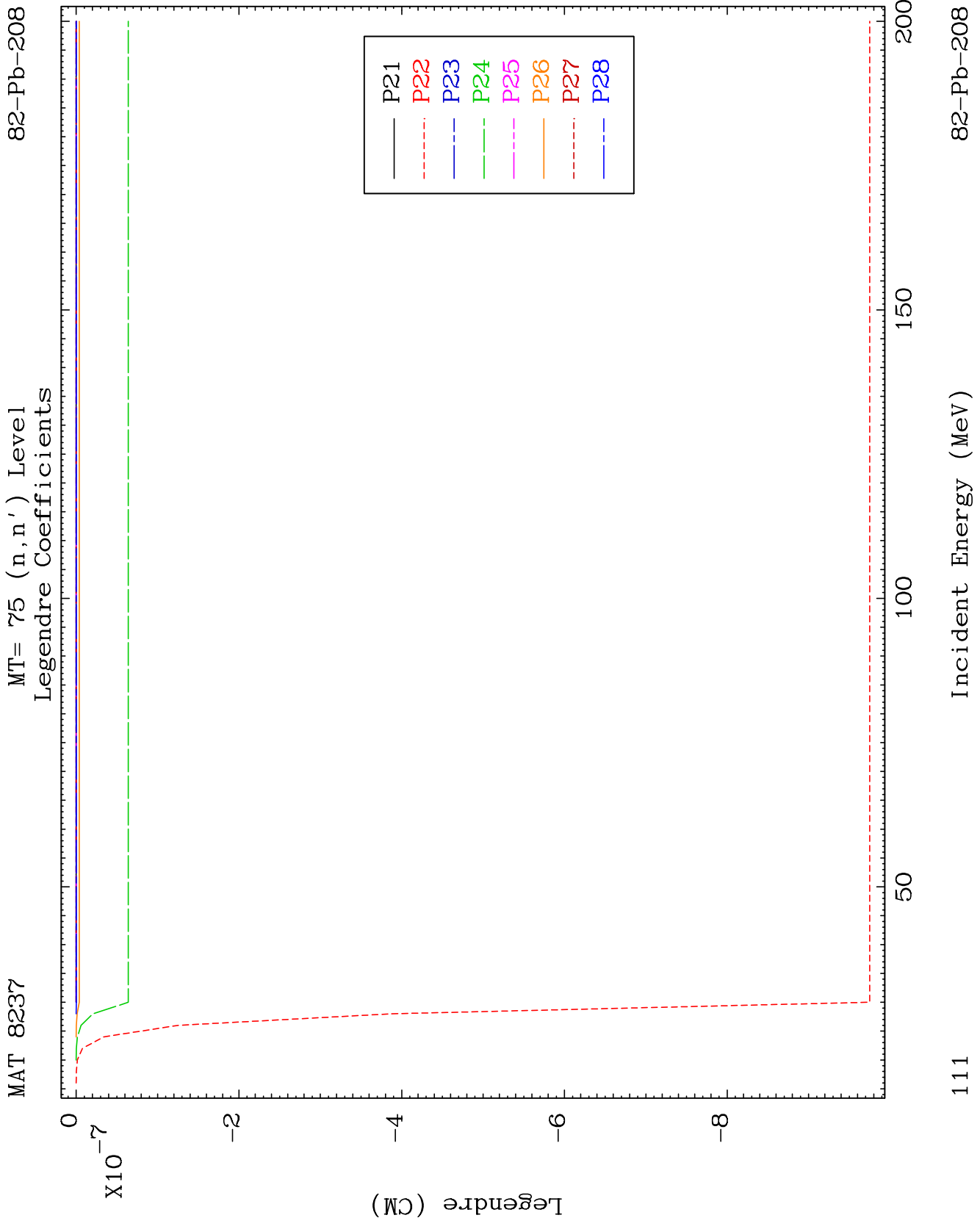
82-Pb-208



110

Incident Energy (MeV)

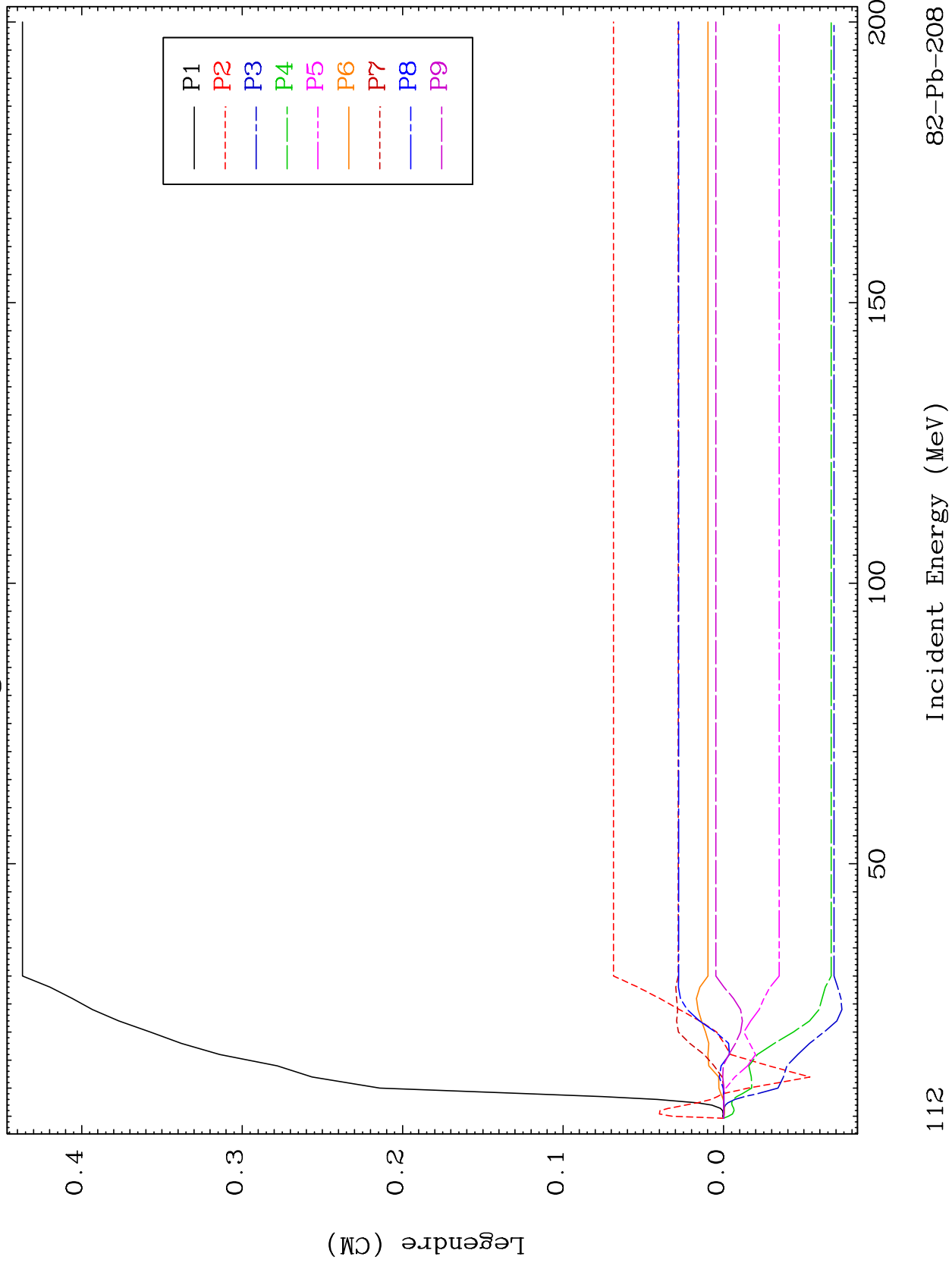
82-Pb-208



MAT 8237

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

82-Pb-208



112

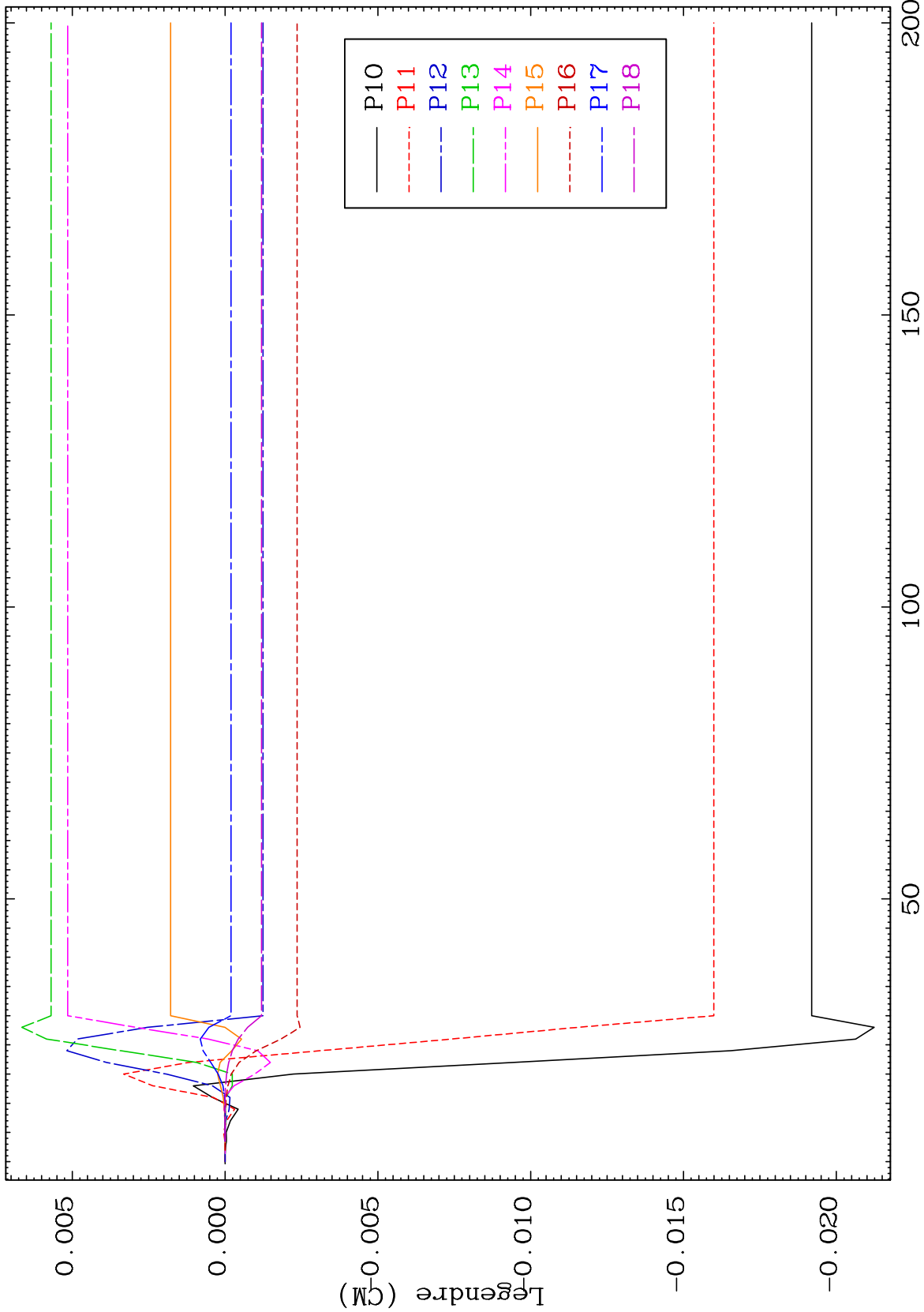
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



113

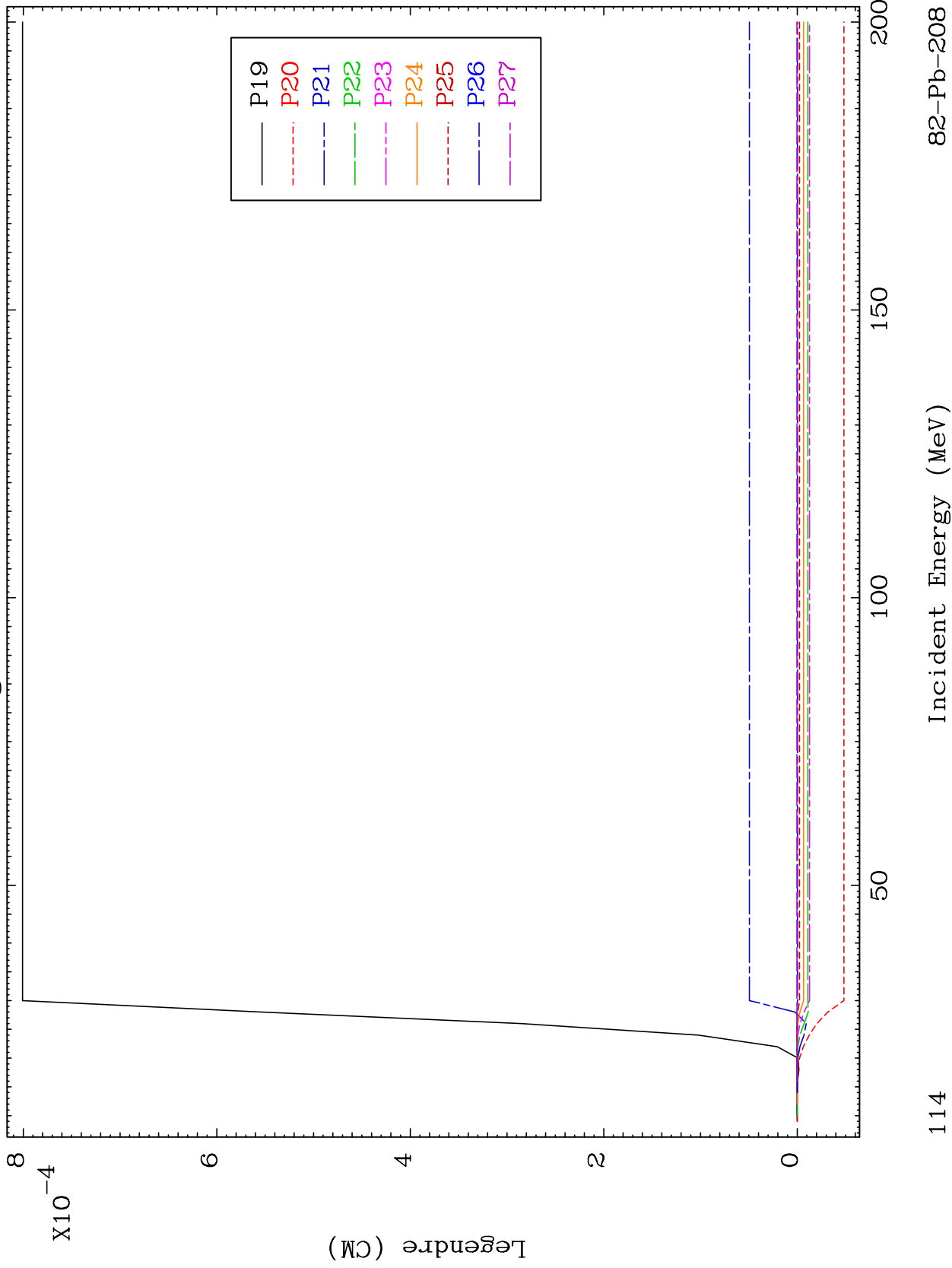
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

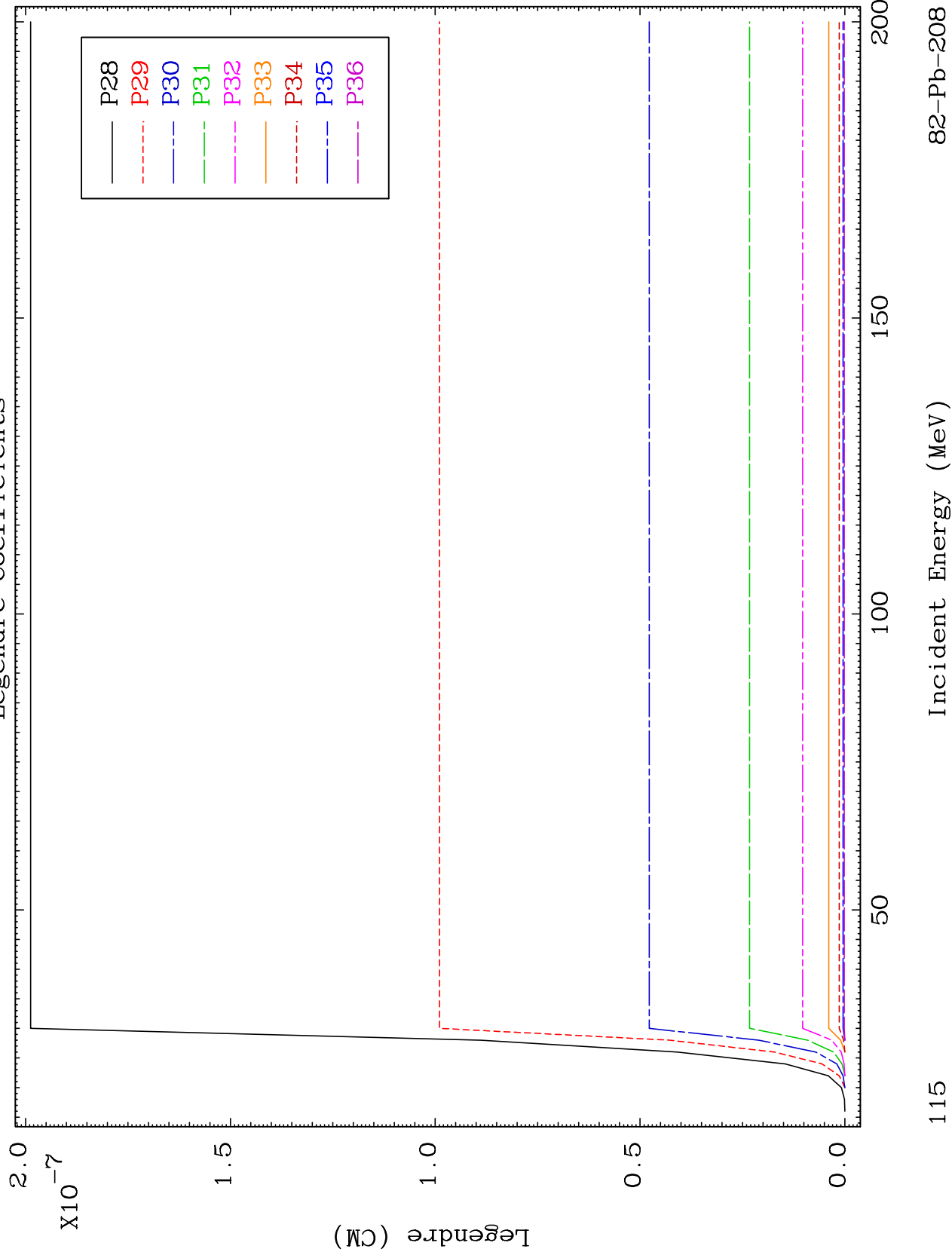
82-Pb-208



MAT 8237

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

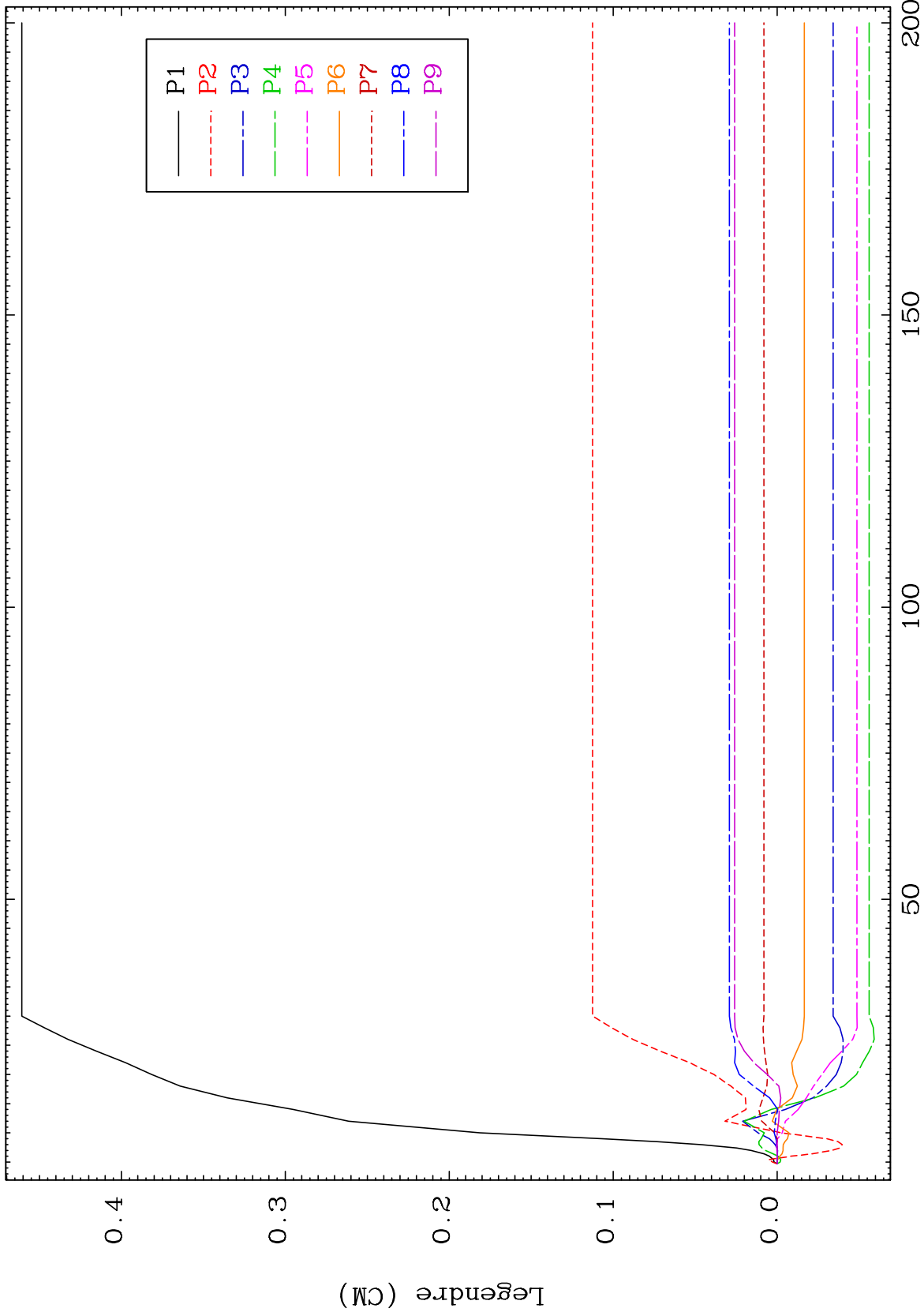
82-Pb-208



MAT 8237

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

82-Pb-208



116

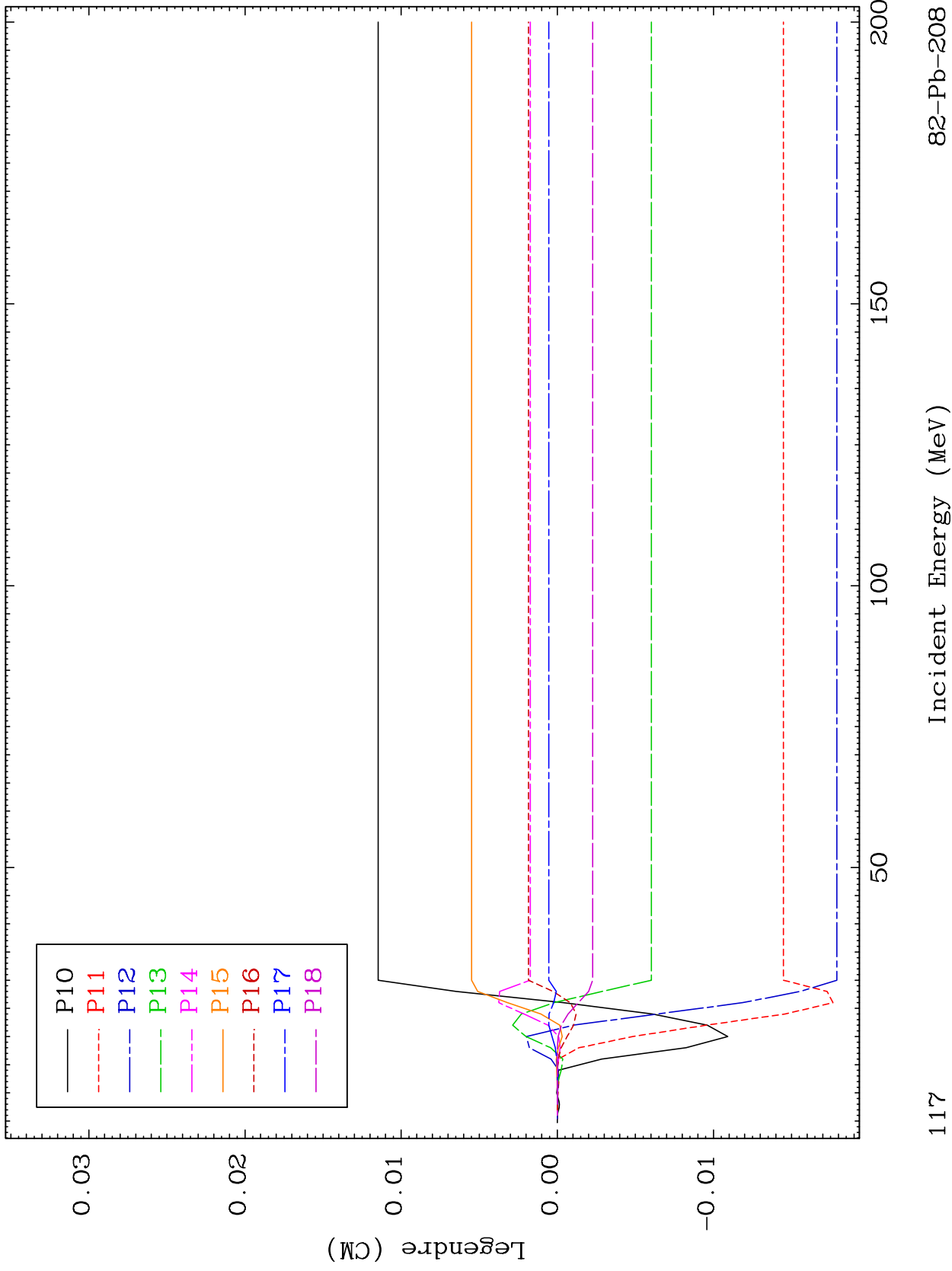
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



117

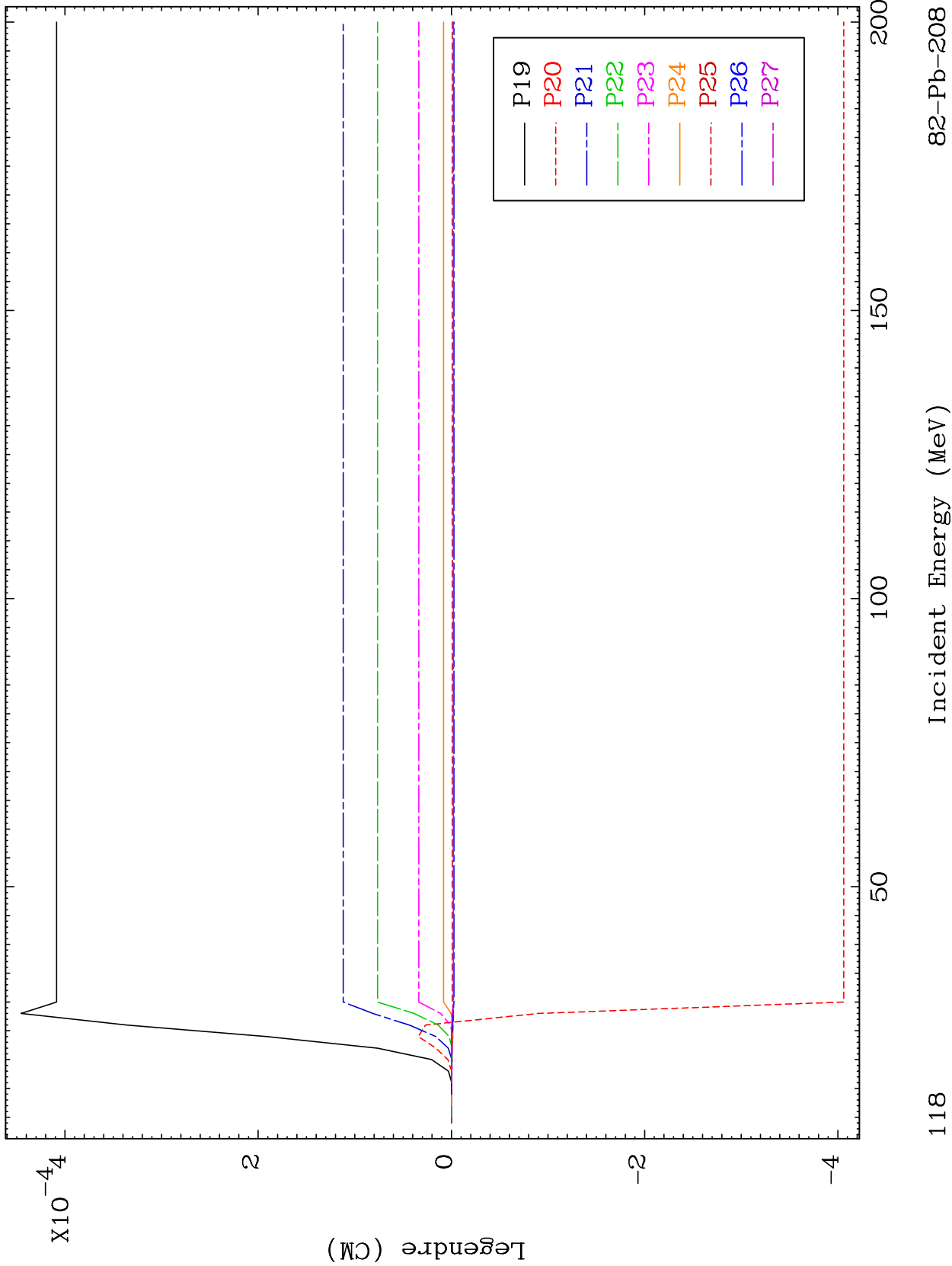
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



118

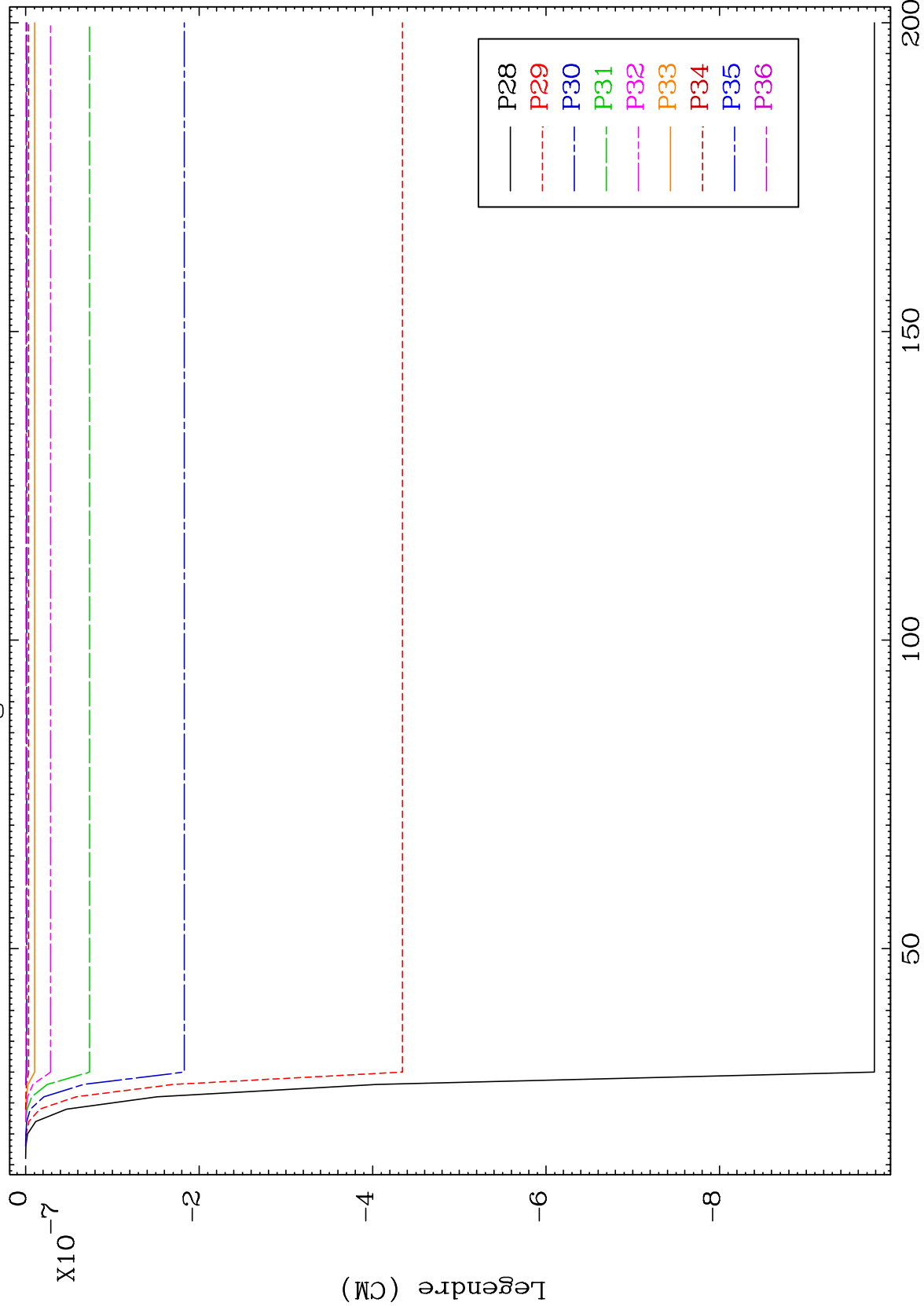
82-Pb-208

MAT 8237

MT= 77 (n,n') Level

82-Pb-208

Legendre Coefficients



119

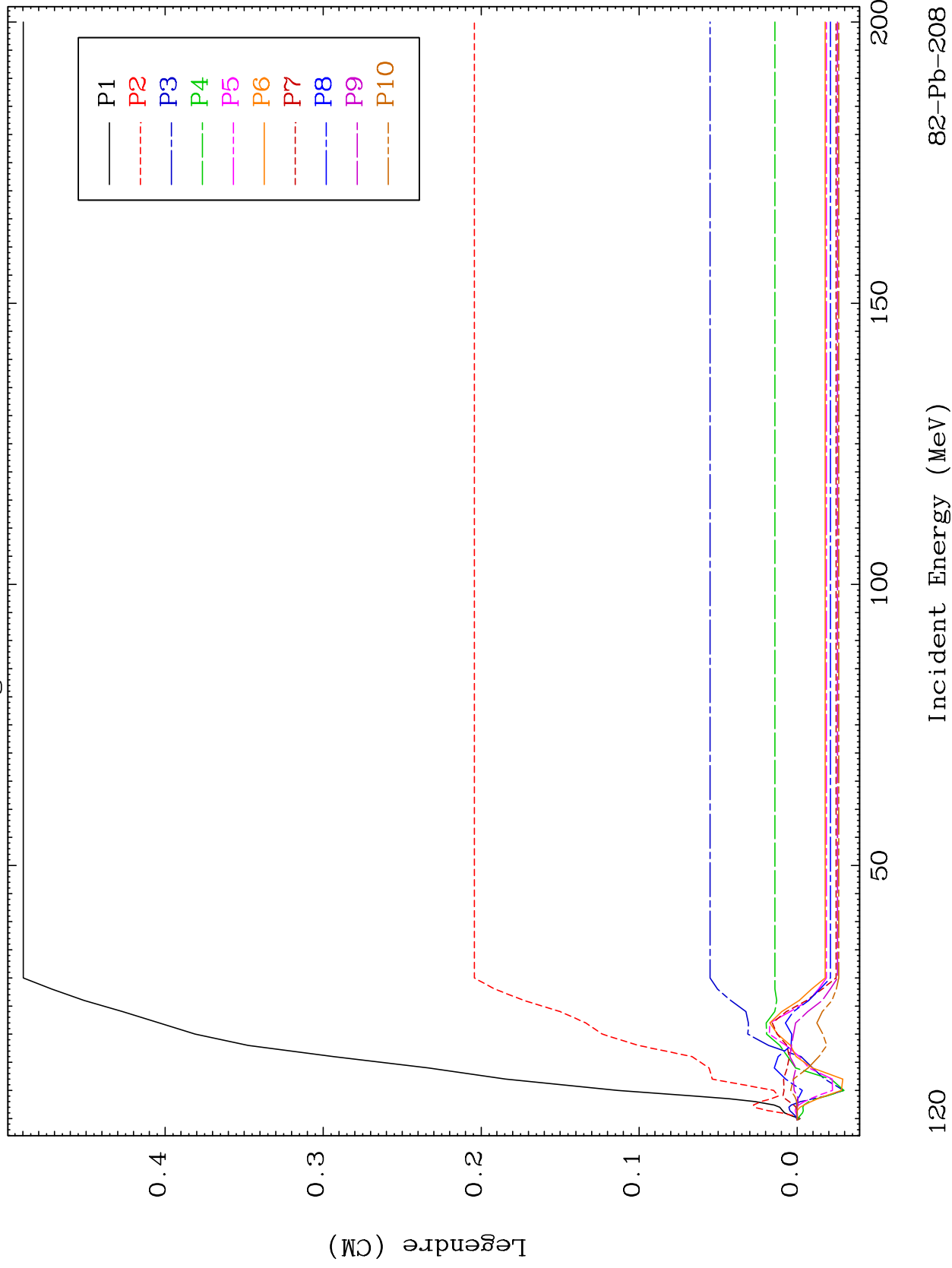
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

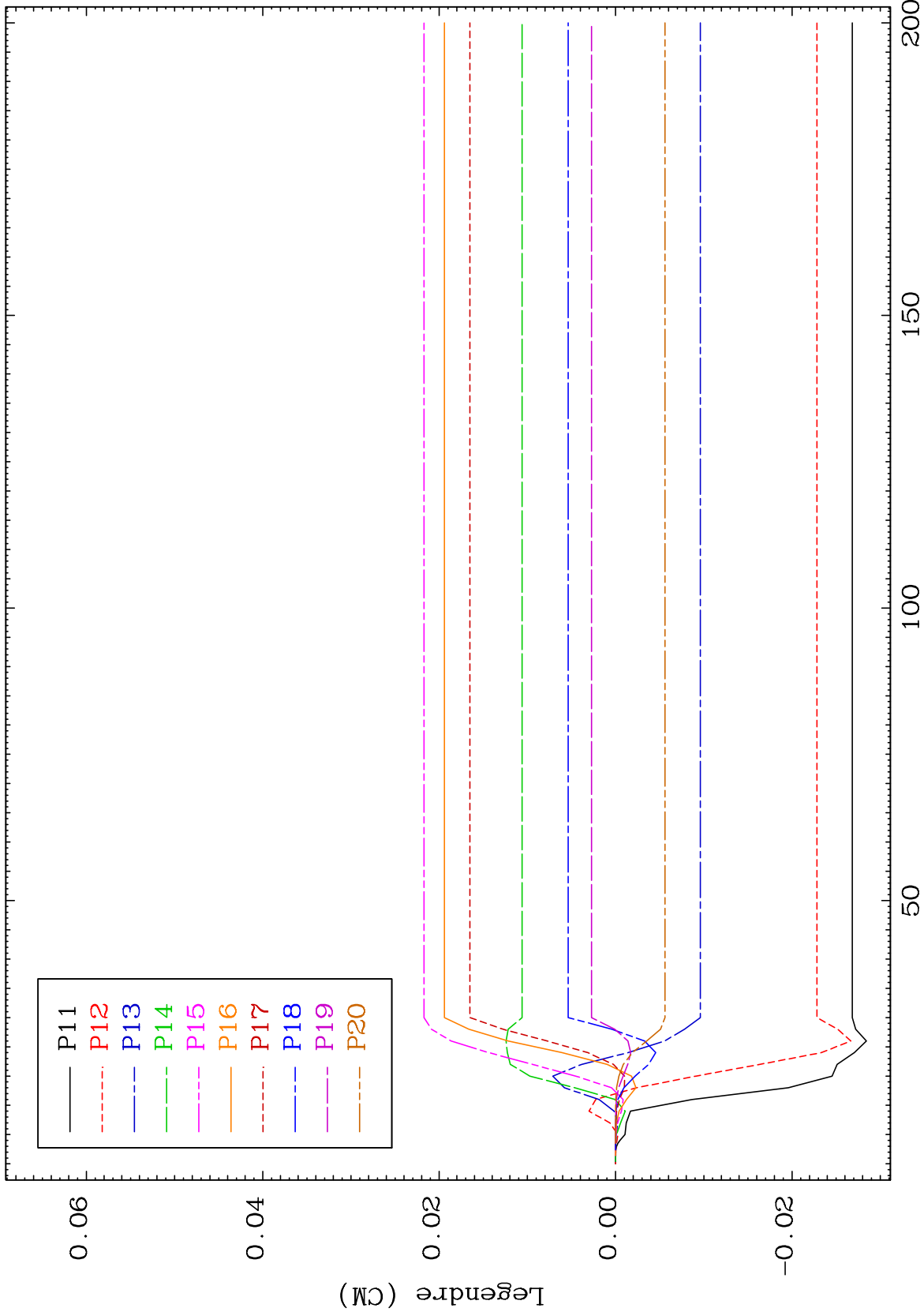
82-Pb-208



MAT 8237

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

82-Pb-208



121

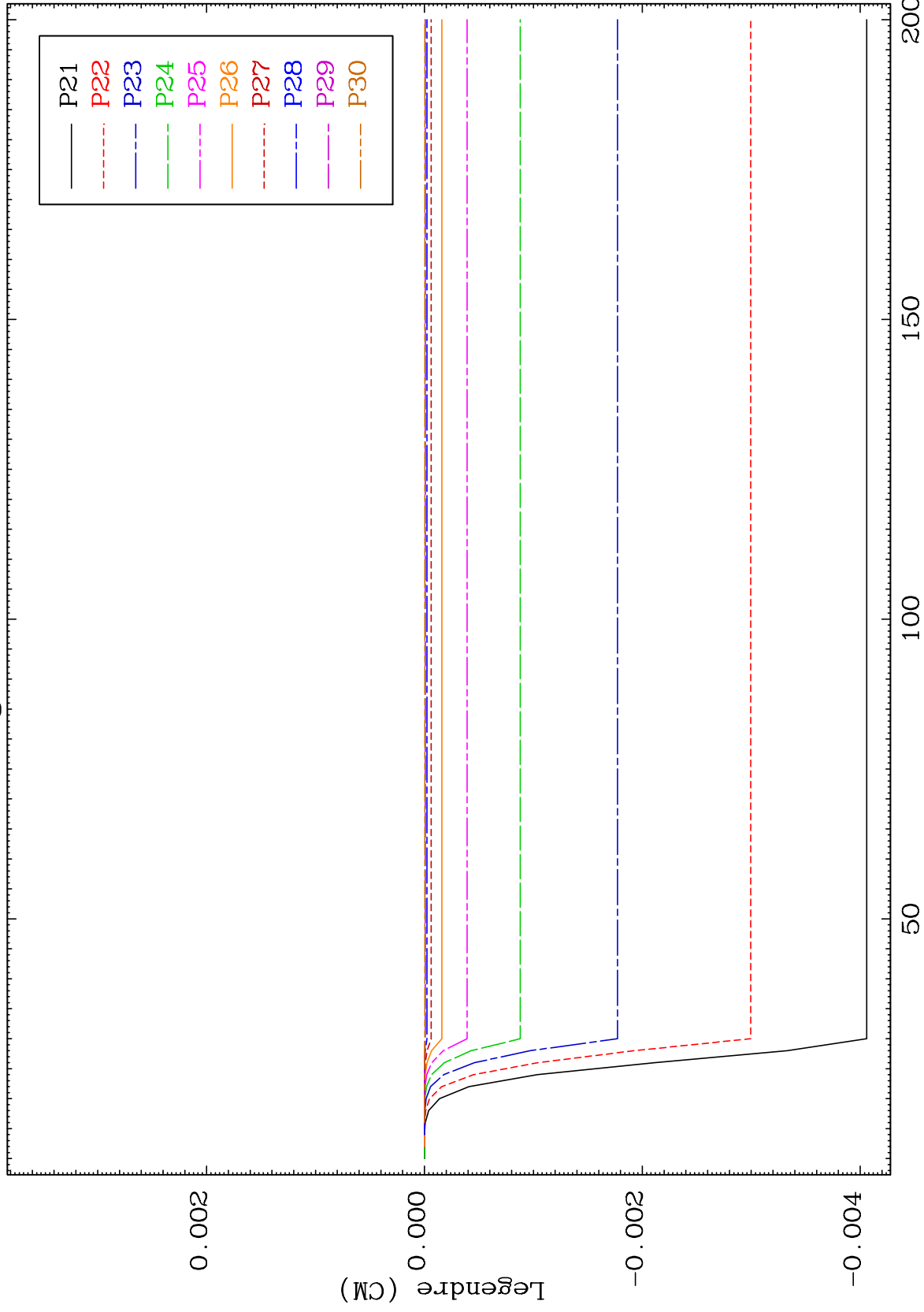
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

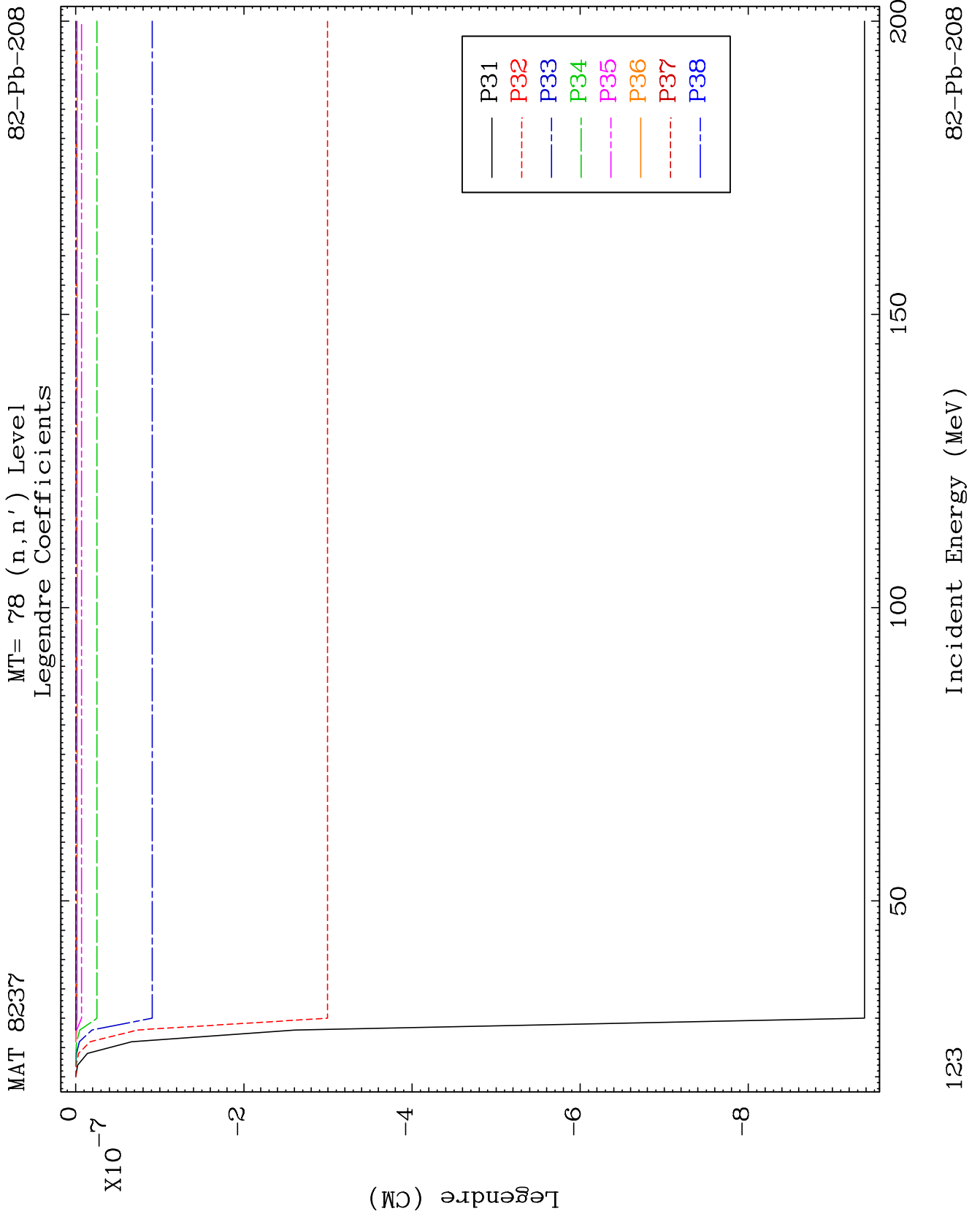
82-Pb-208



122

Incident Energy (MeV)

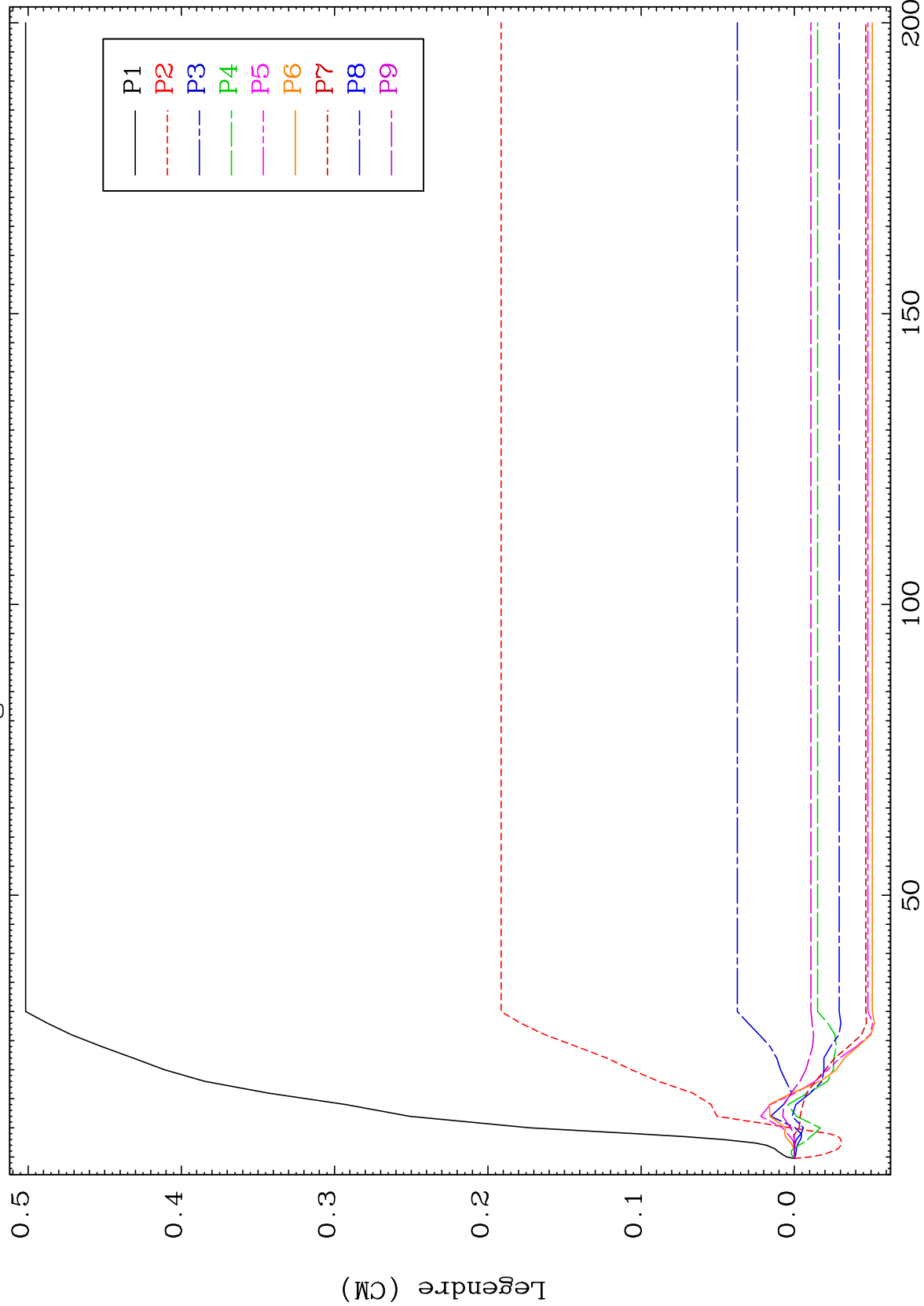
82-Pb-208



MAT 8237

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

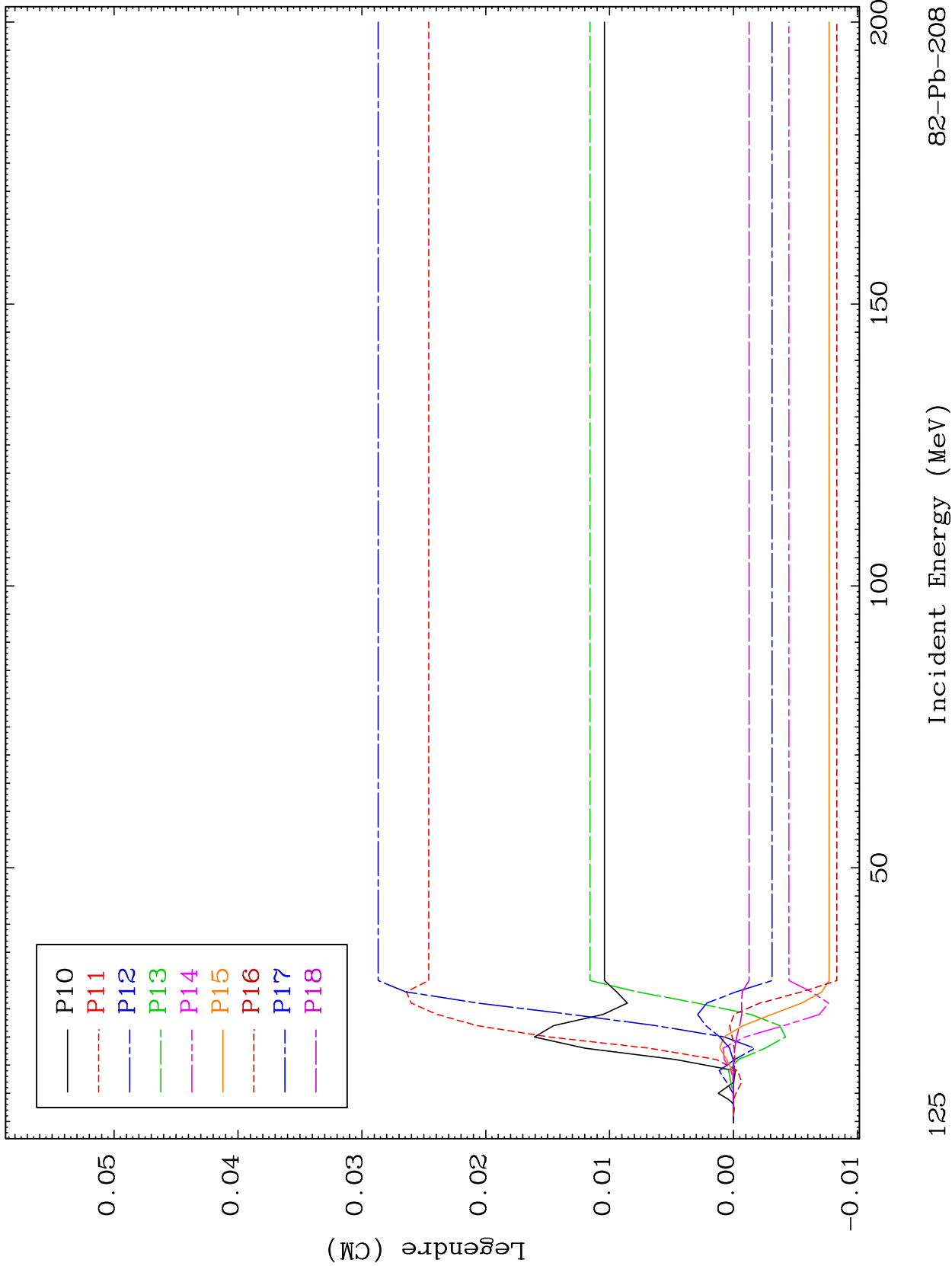
82-Pb-208



MAT 8237

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

82-Pb-208



125

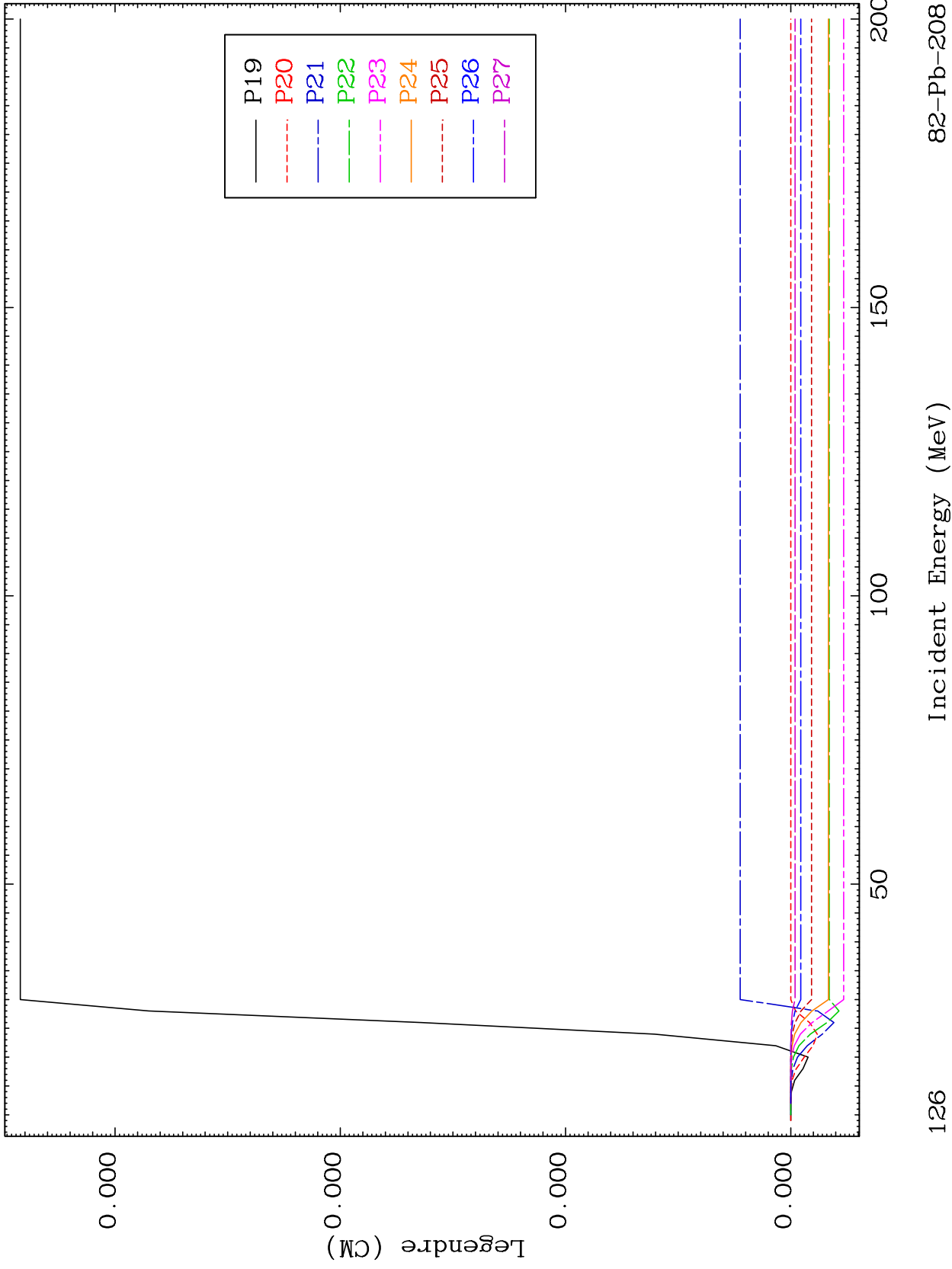
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



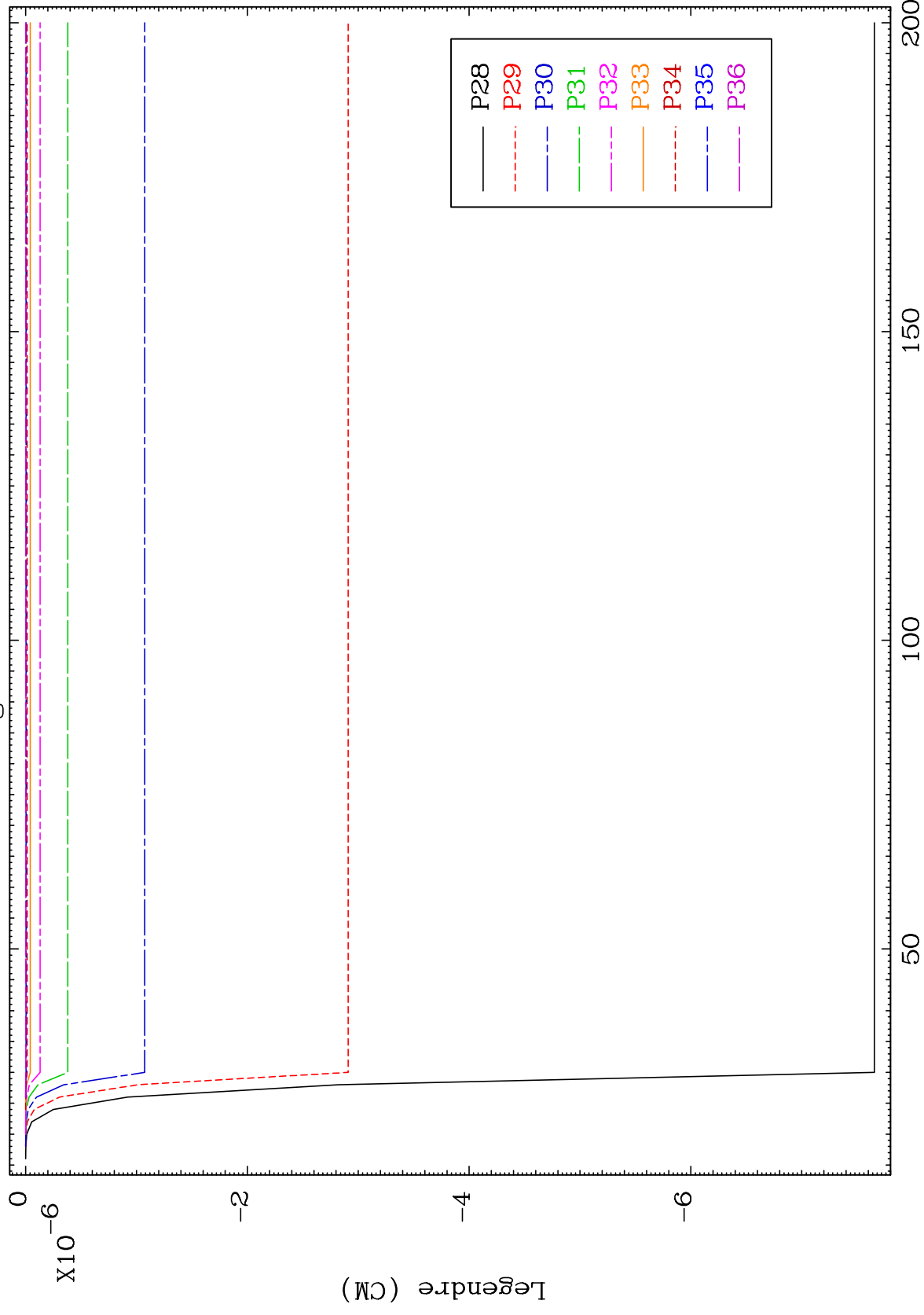
126

82-Pb-208

MAT 8237

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

82-Pb-208



127

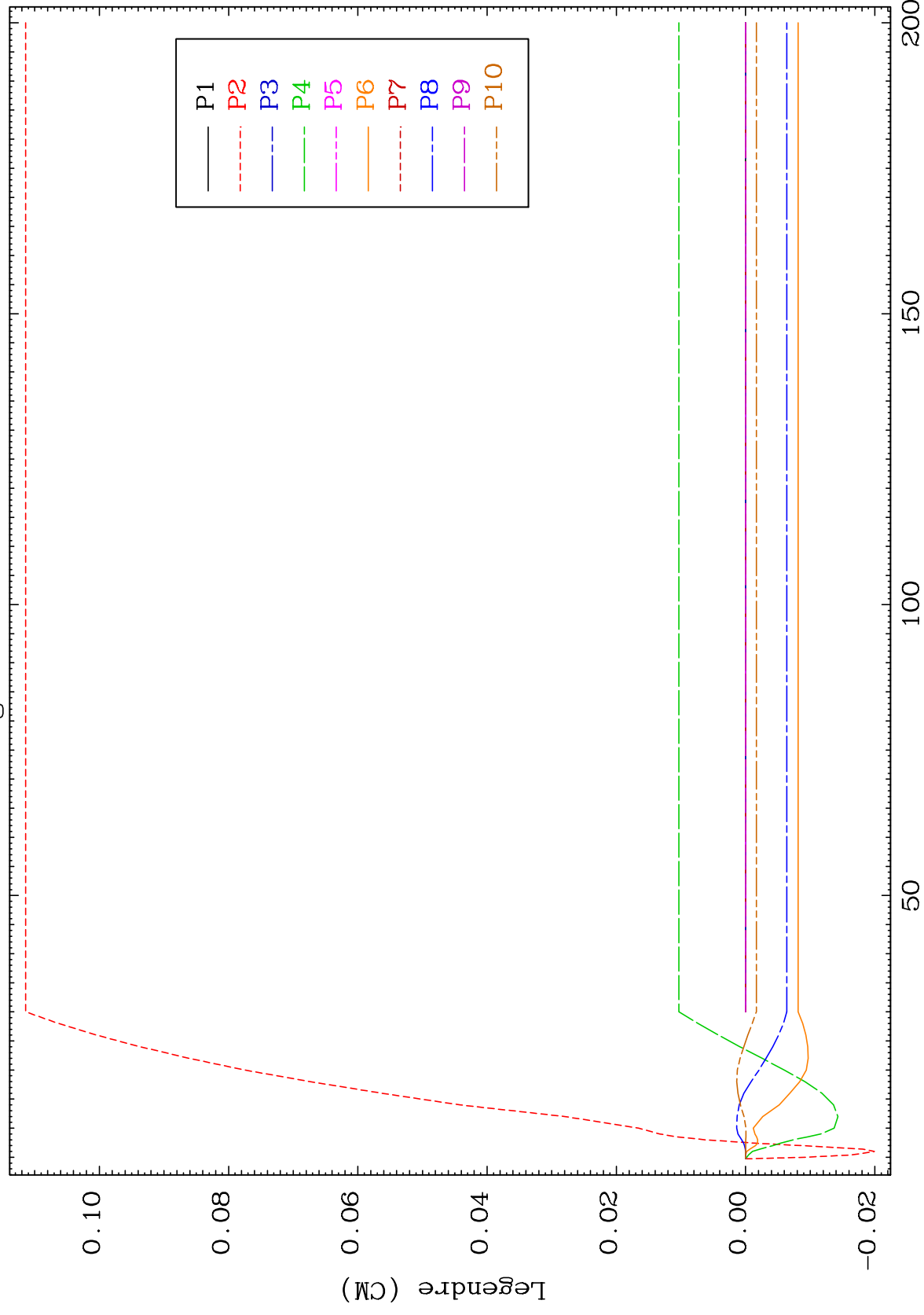
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



128

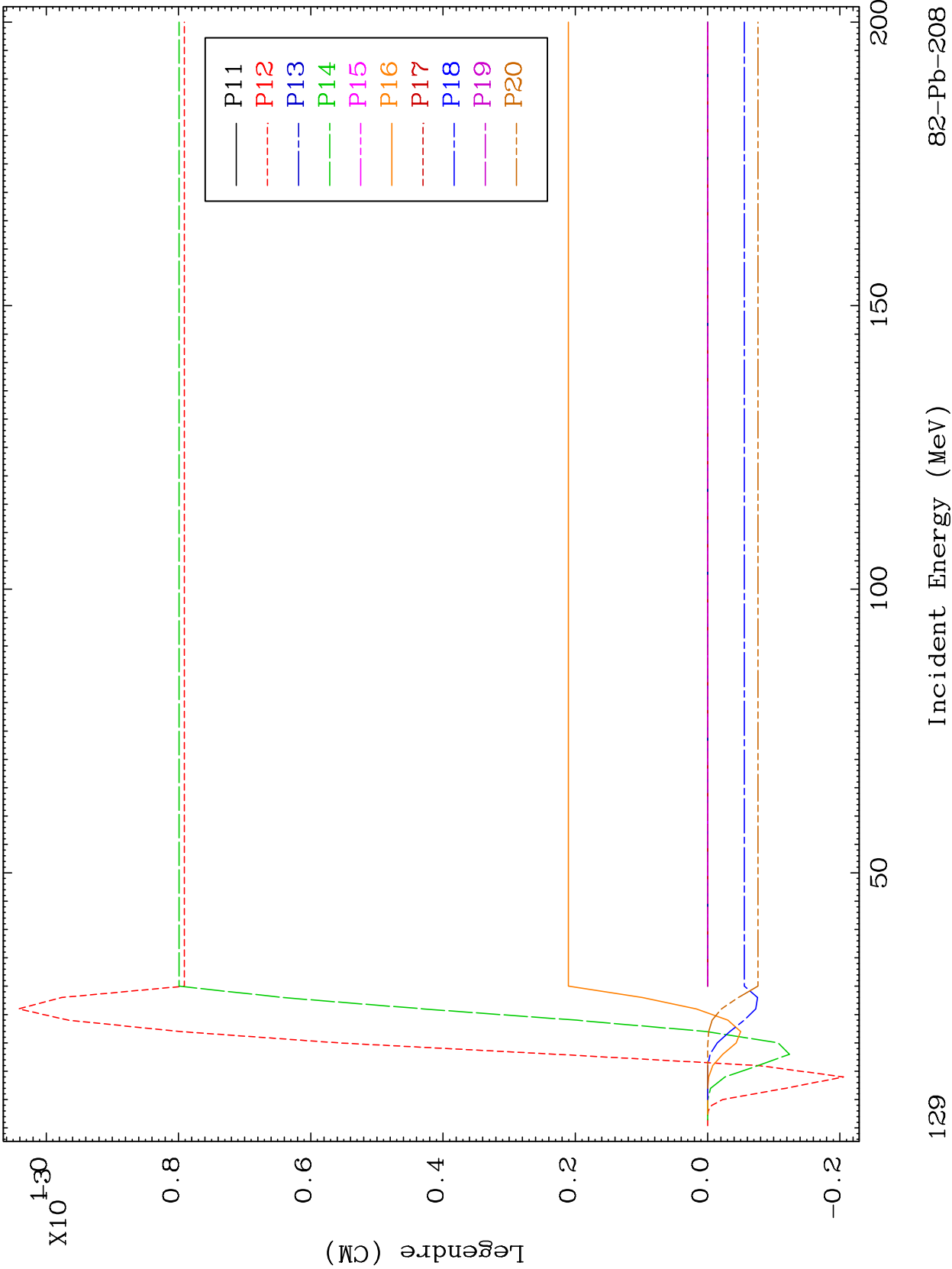
Incident Energy (MeV)

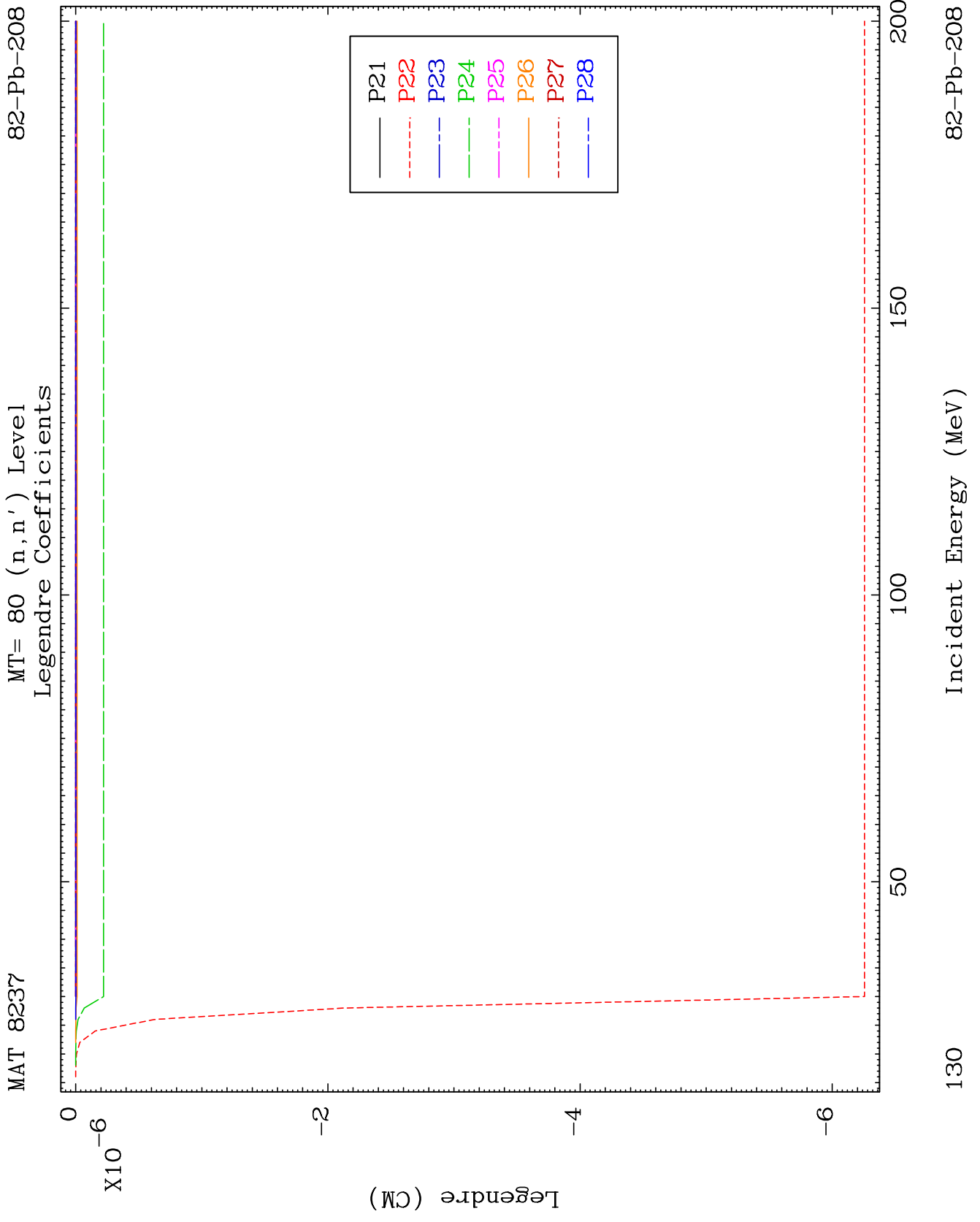
82-Pb-208

MAT 8237

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

82-Pb-208



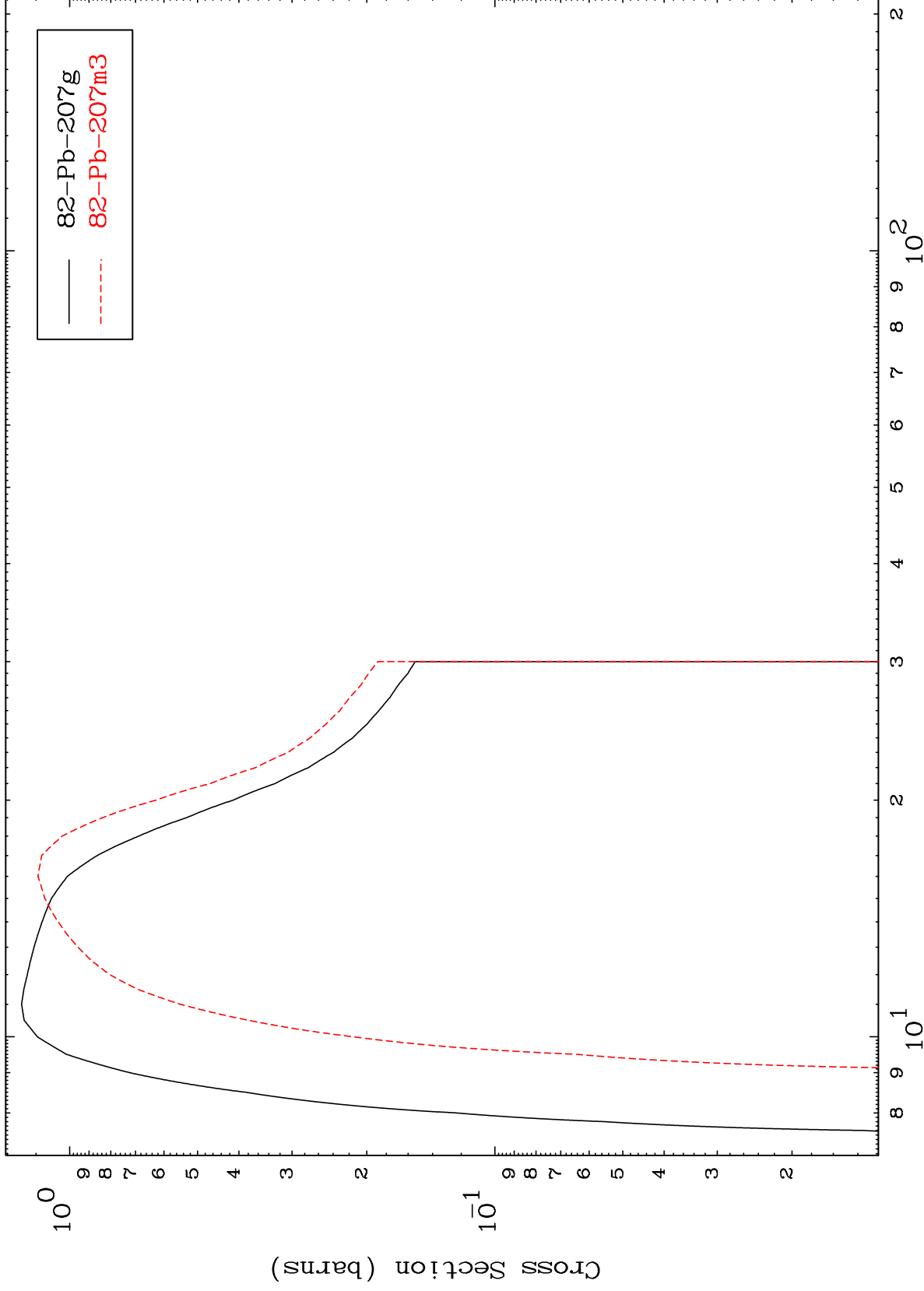


MAT 8237

(n,2n)

82-Pb-208

Radionuclide Production Cross Section



10⁰

10⁻¹

10¹

10²

82-Pb-207g
82-Pb-207m3

131

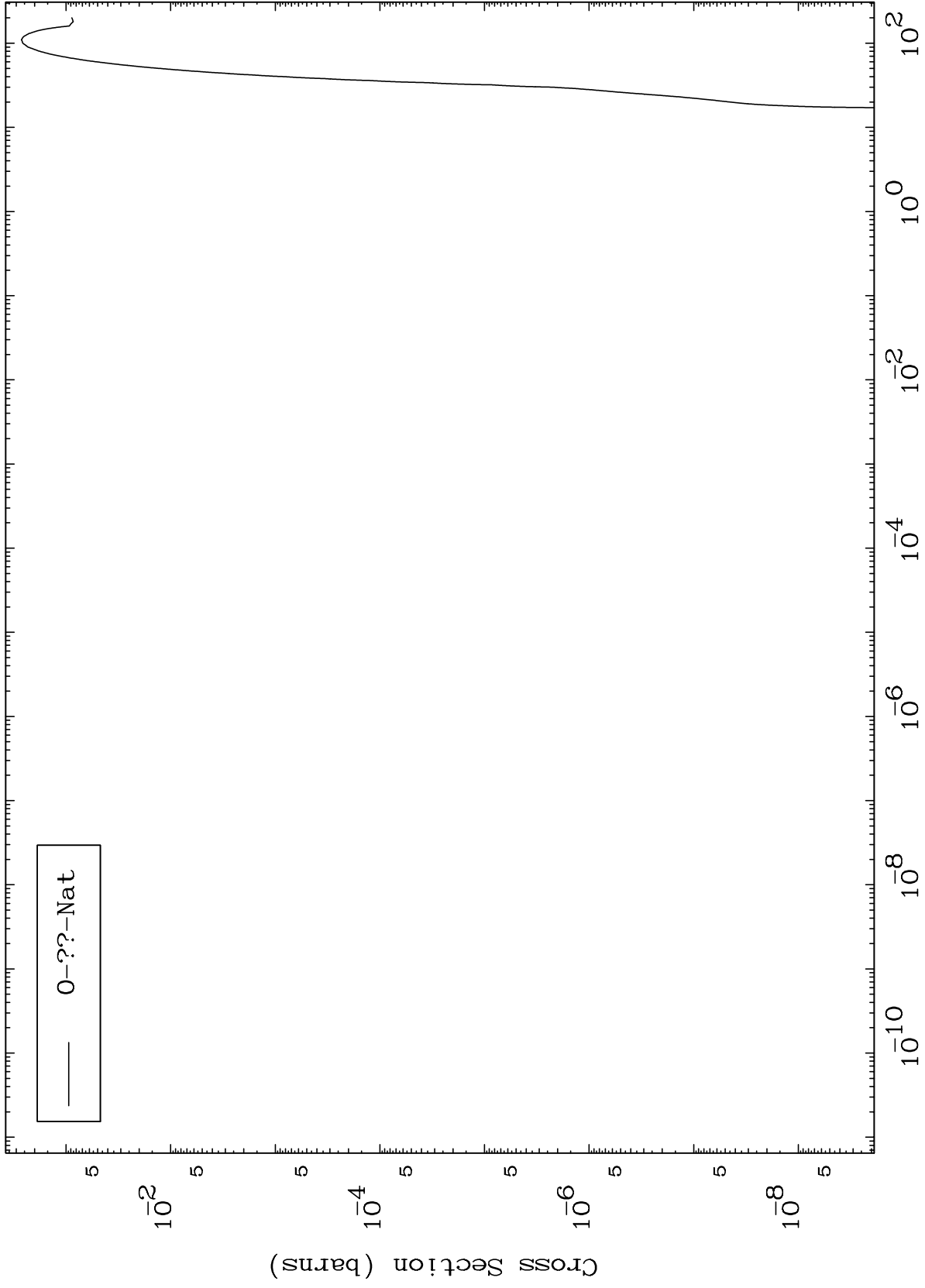
Incident Energy (MeV)

82-Pb-208

MAT 8237

Fission
Radionuclide Production Cross Section

82-Pb-208



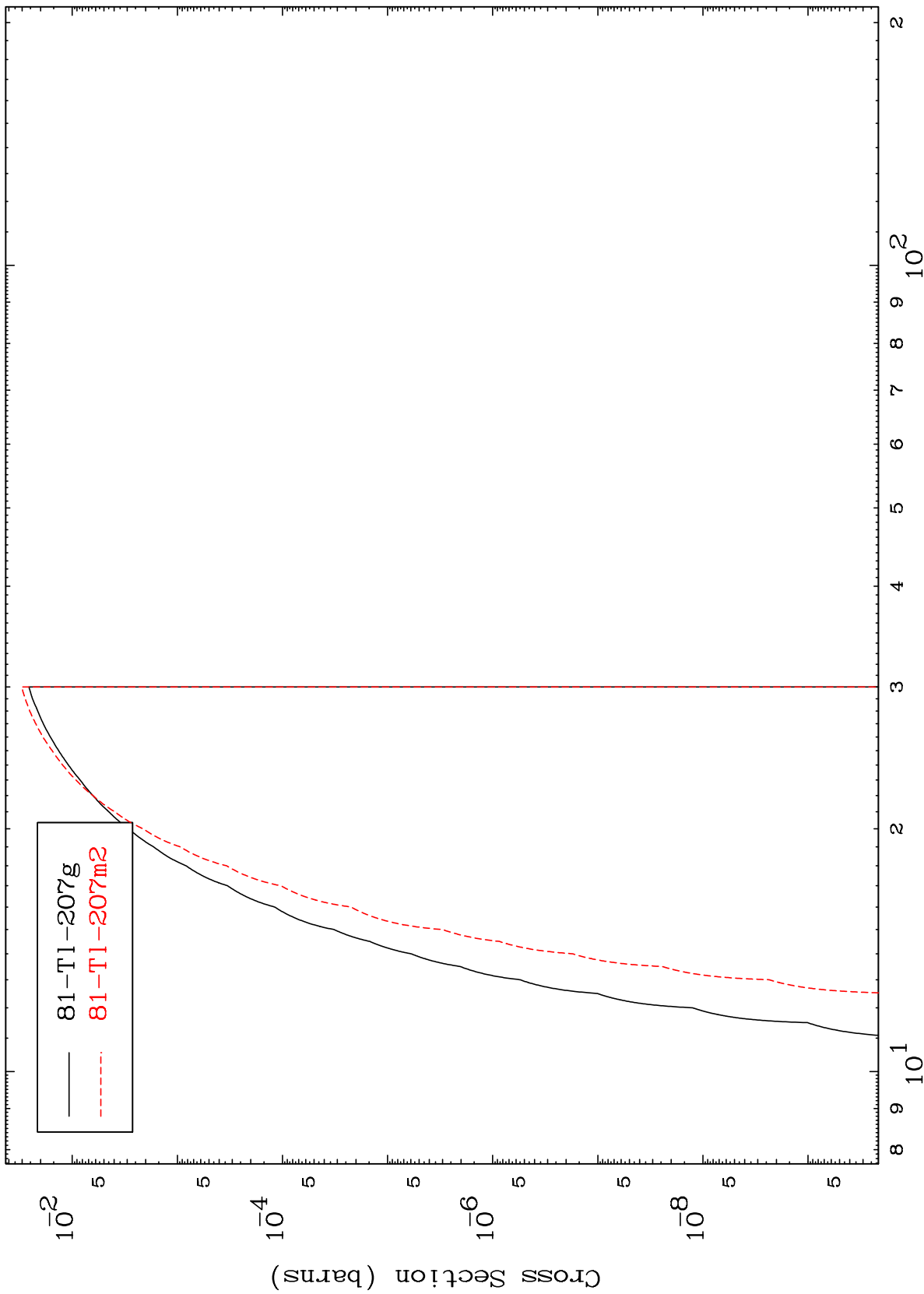
82-Pb-208

MAT 8237

(n,n') p

82-Pb-208

Radionuclide Production Cross Section

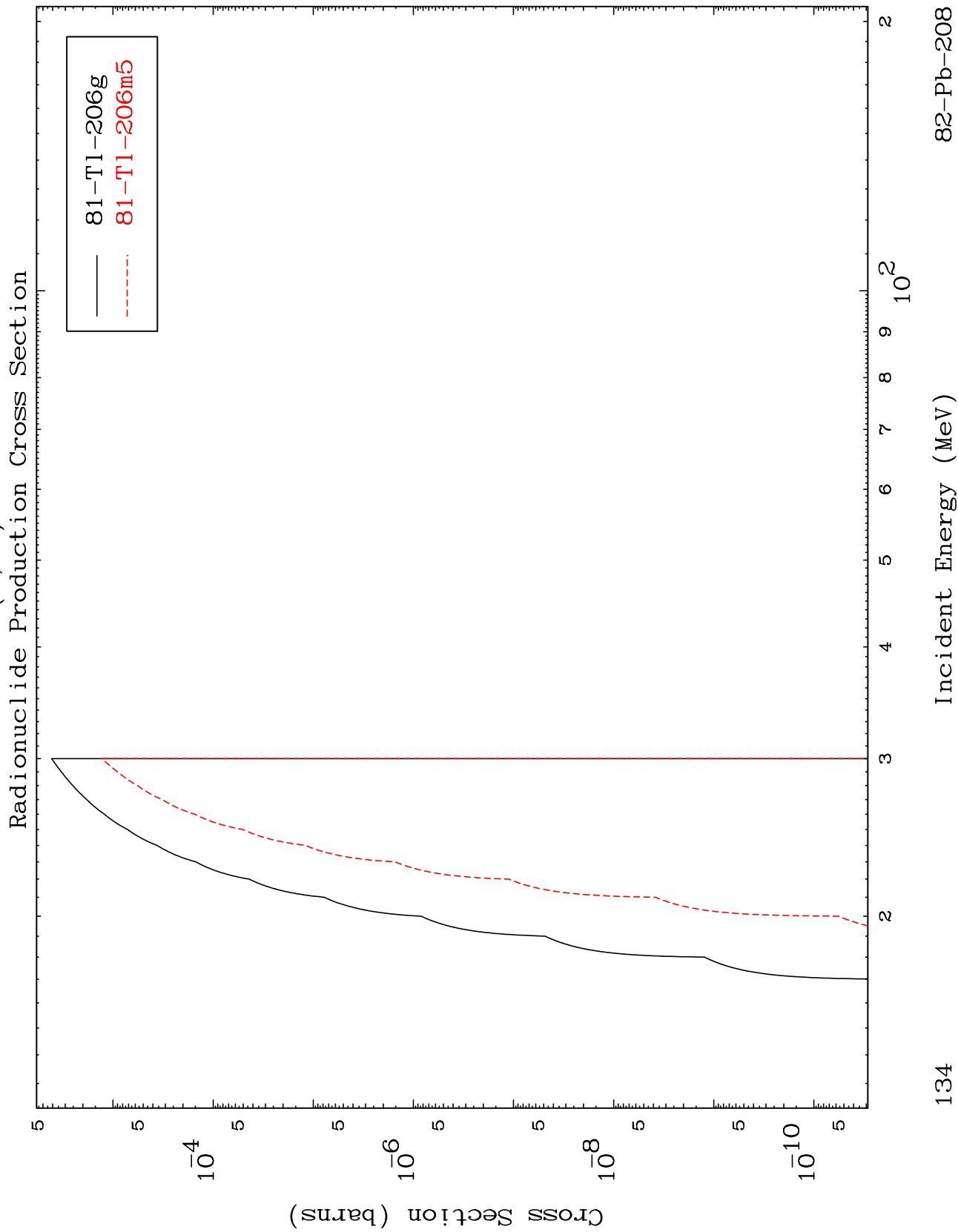


81-Tl-207g
81-Tl-207m2

133

Incident Energy (MeV)

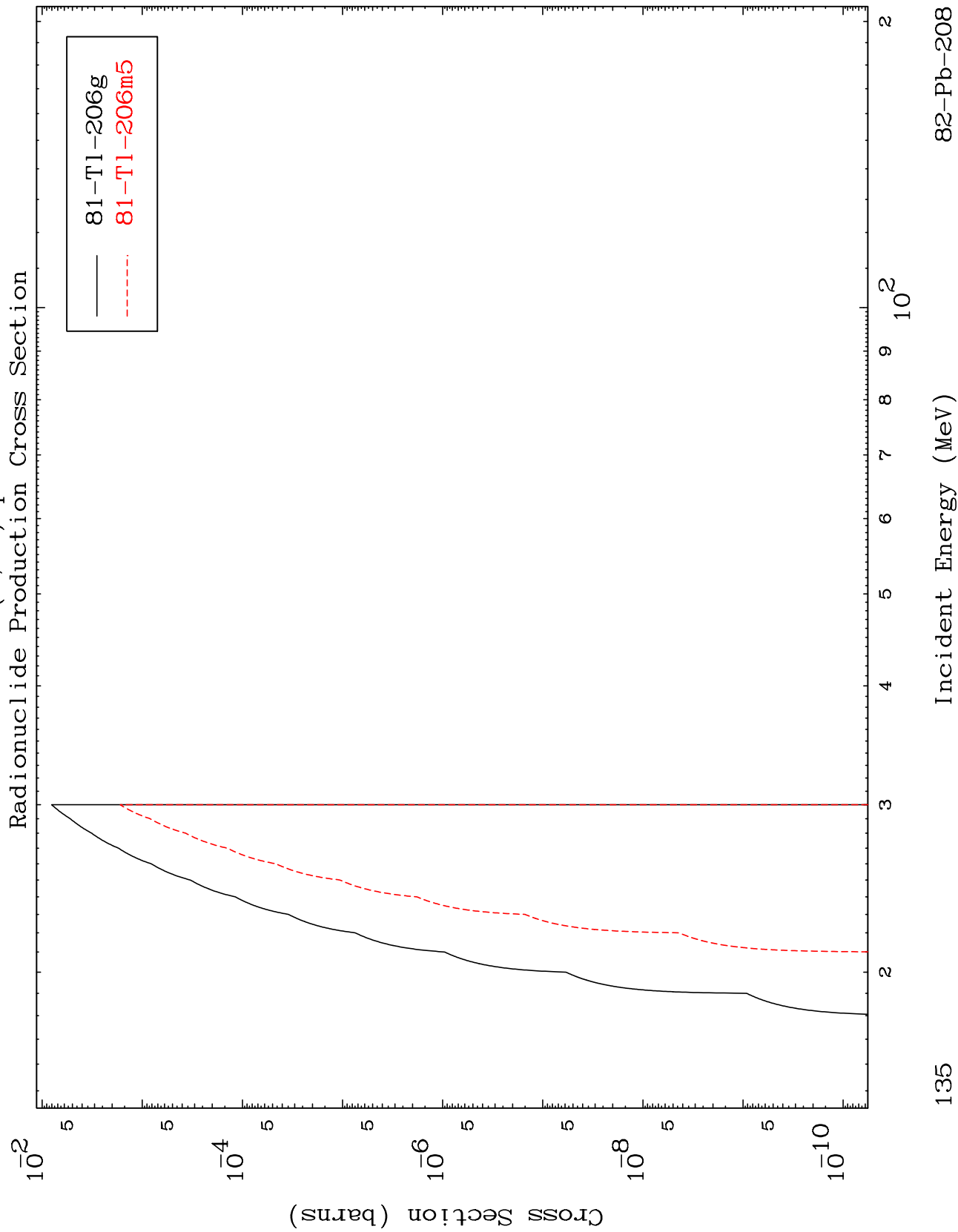
82-Pb-208



MAT 8237

(n,2n) p

82-Pb-208



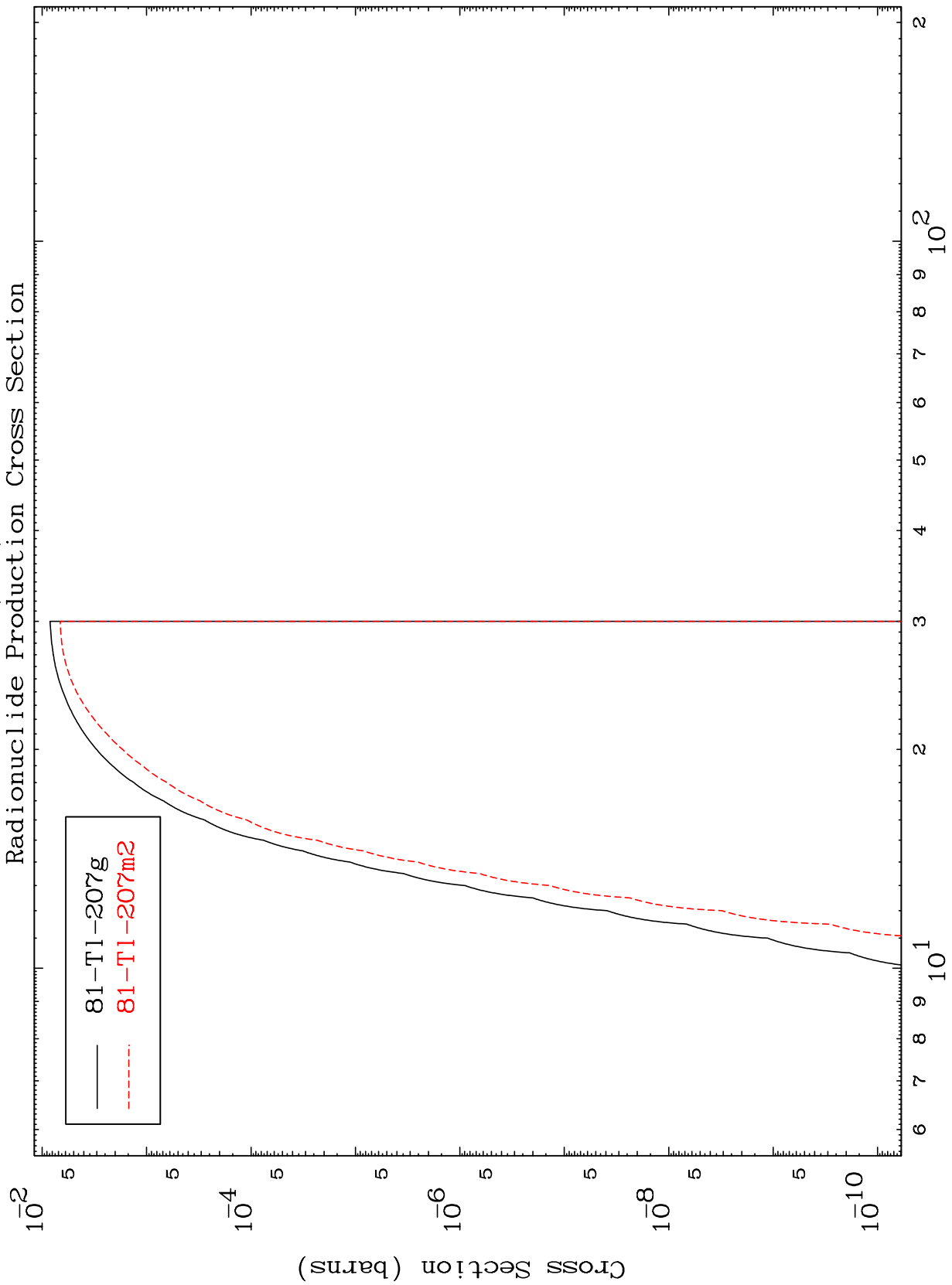
135

82-Pb-208

MAT 8237

82-Pb-208

(n,d)
Radionuclide Production Cross Section



136

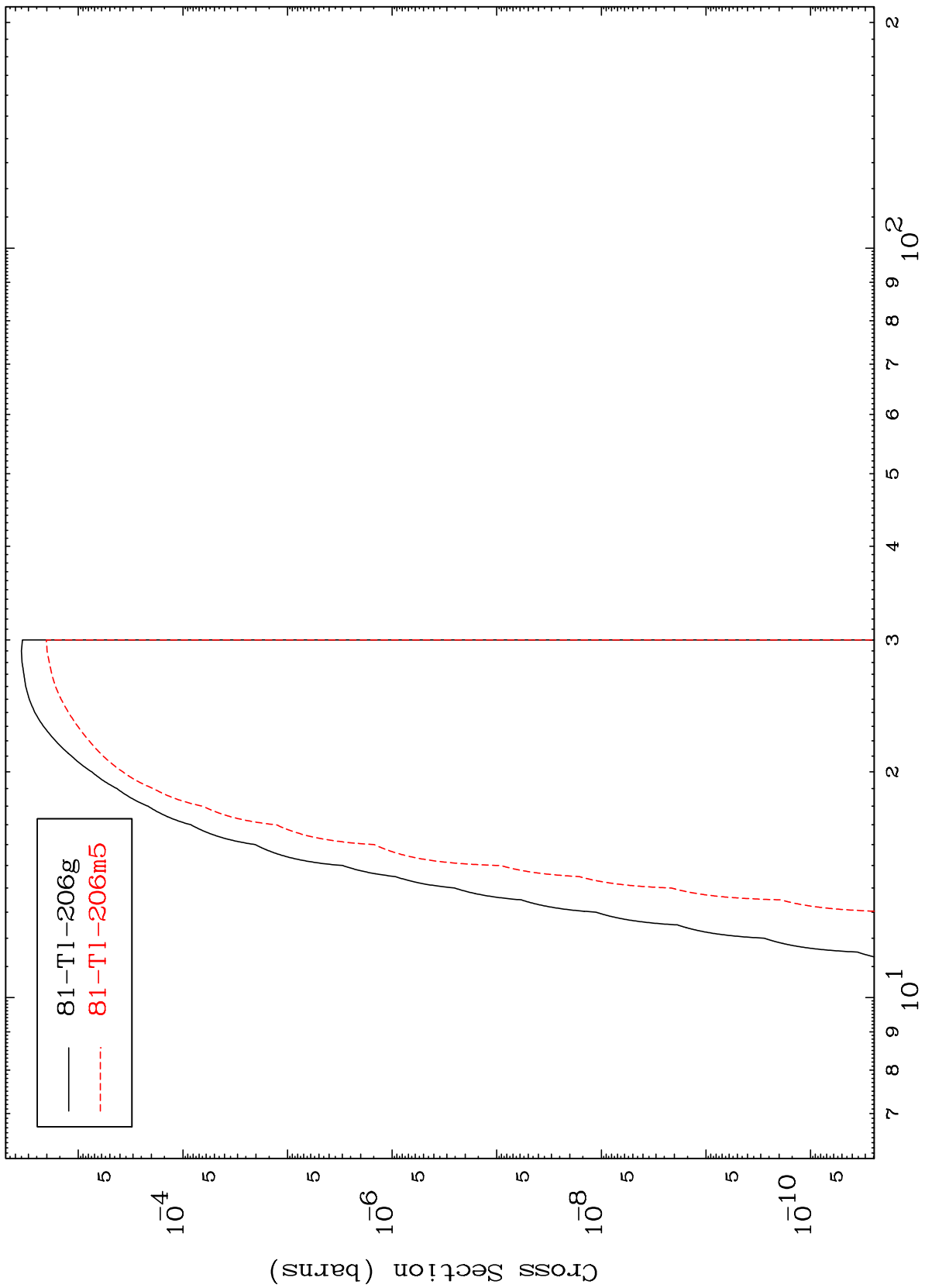
Incident Energy (MeV)

82-Pb-208

MAT 8237

82-Pb-208

(n, t)
Radionuclide Production Cross Section



— 81-Tl-206g
- - - 81-Tl-206m5

137

Incident Energy (MeV)

82-Pb-208