

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

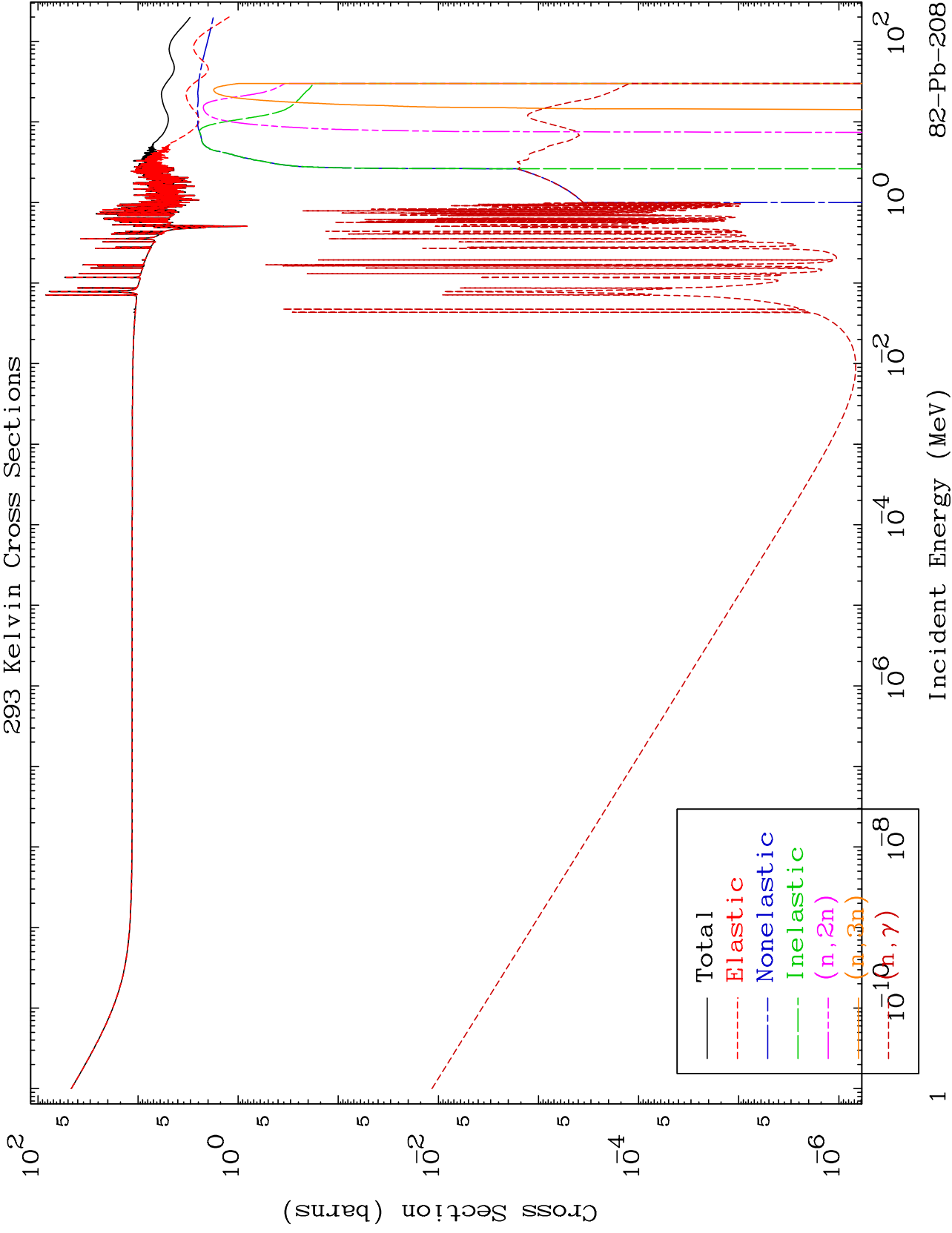
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8237

Neutron Major
293 Kelvin Cross Sections

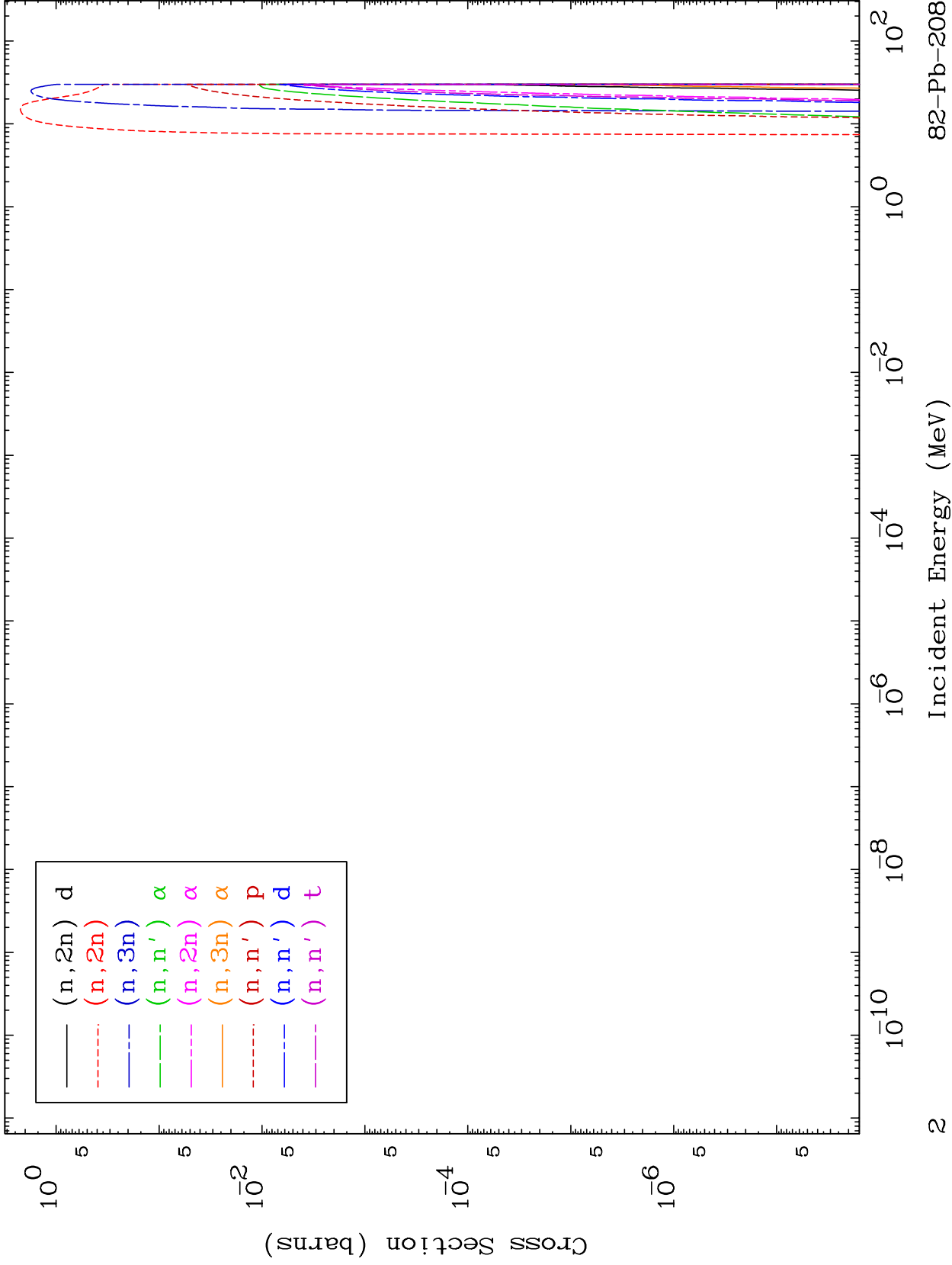
82-Pb-208



MAT 8237

Neutron Absorption
293 Kelvin Cross Sections

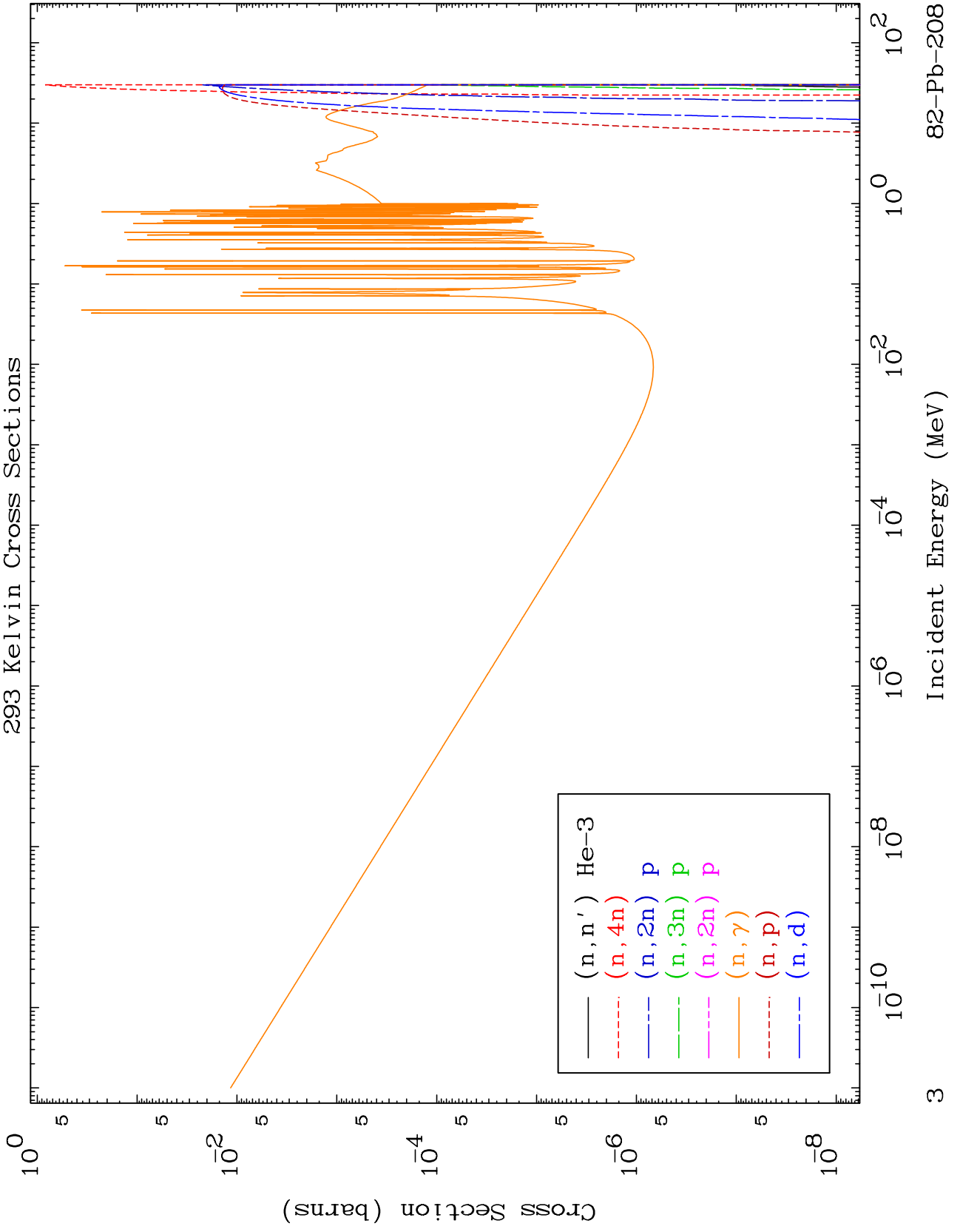
82-Pb-208



MAT 8237

Neutron Absorption
293 Kelvin Cross Sections

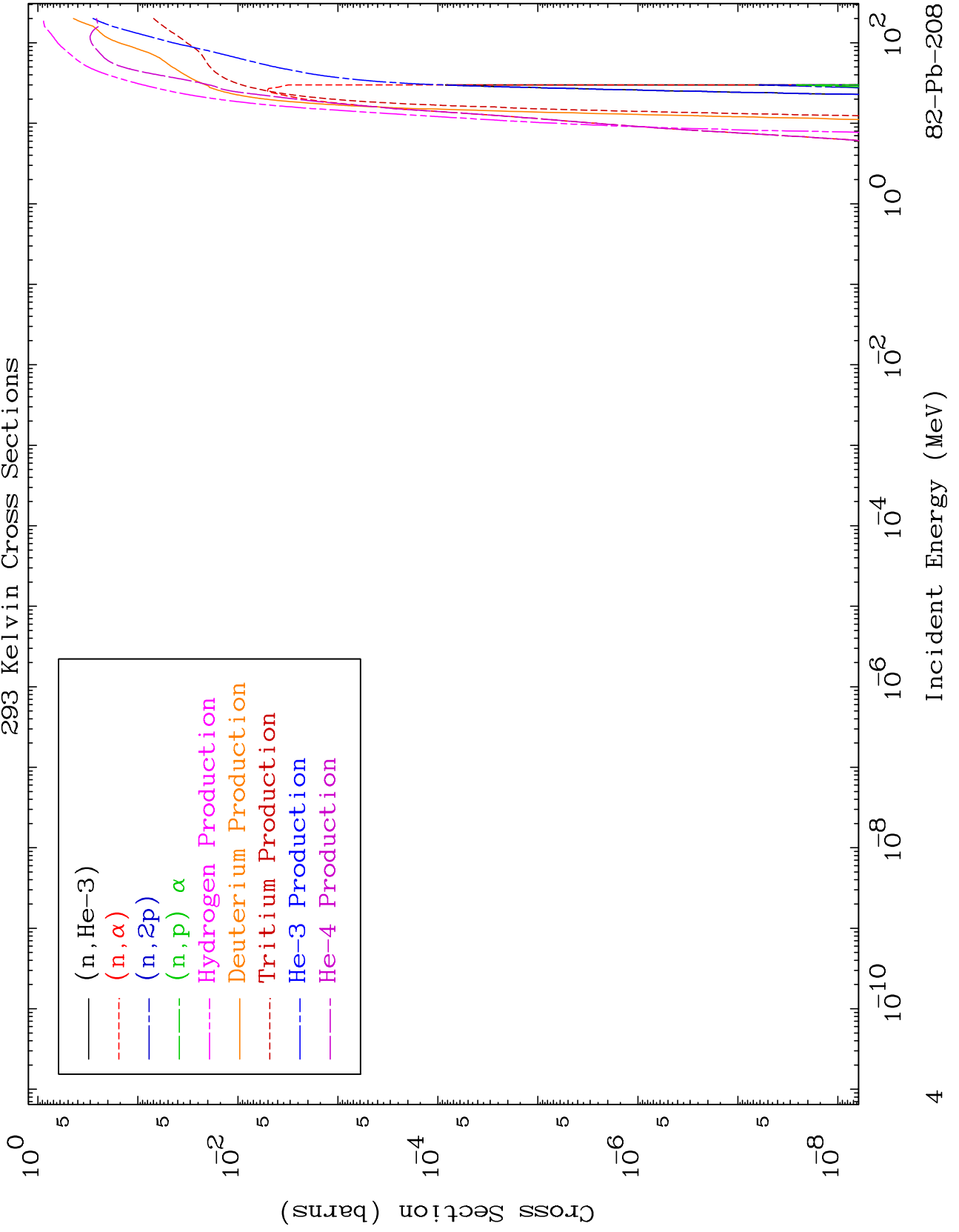
82-Pb-208



MAT 8237

Neutron Absorption
293 Kelvin Cross Sections

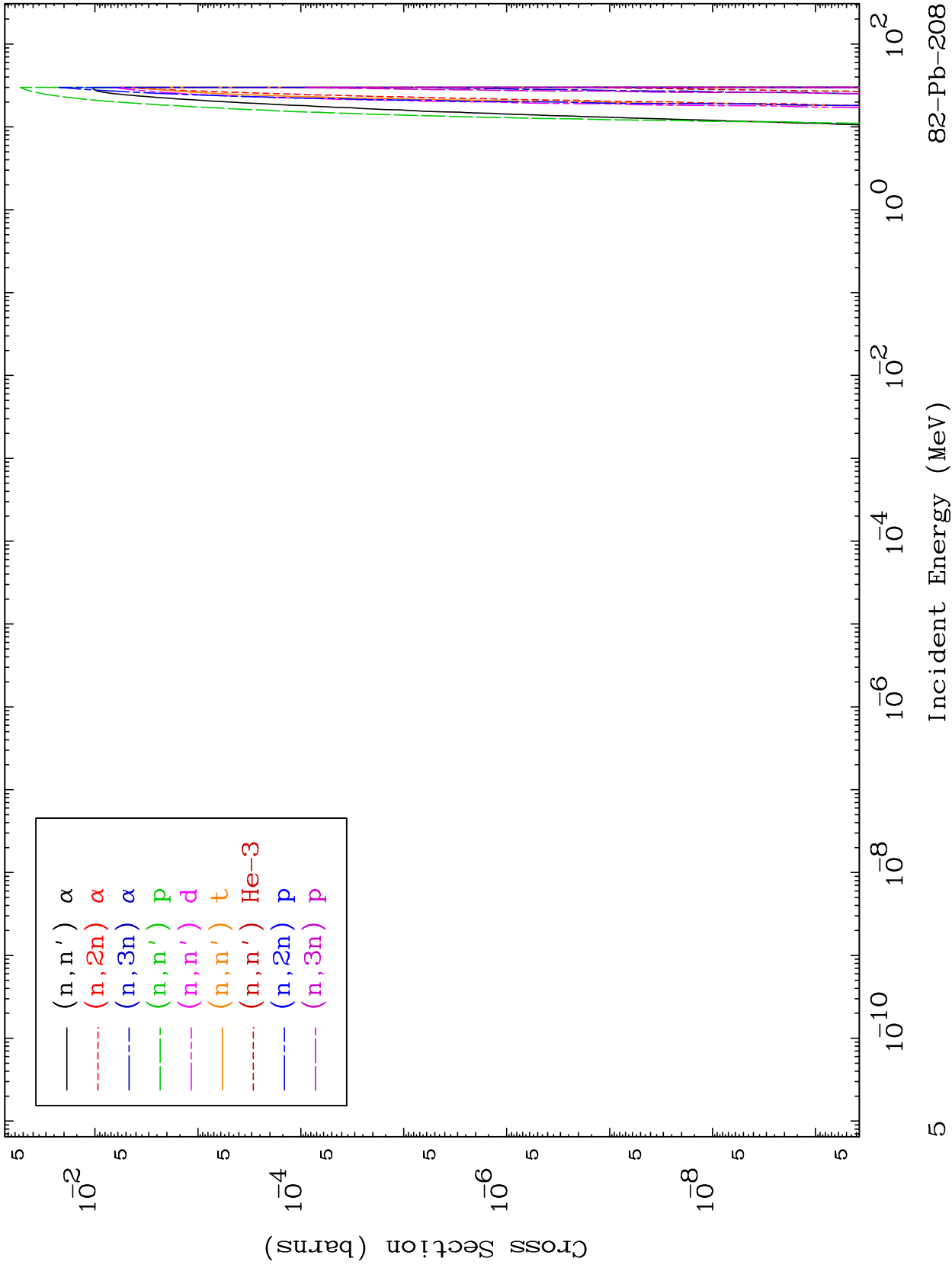
82-Pb-208



MAT 8237

Charged Particle
293 Kelvin Cross Sections

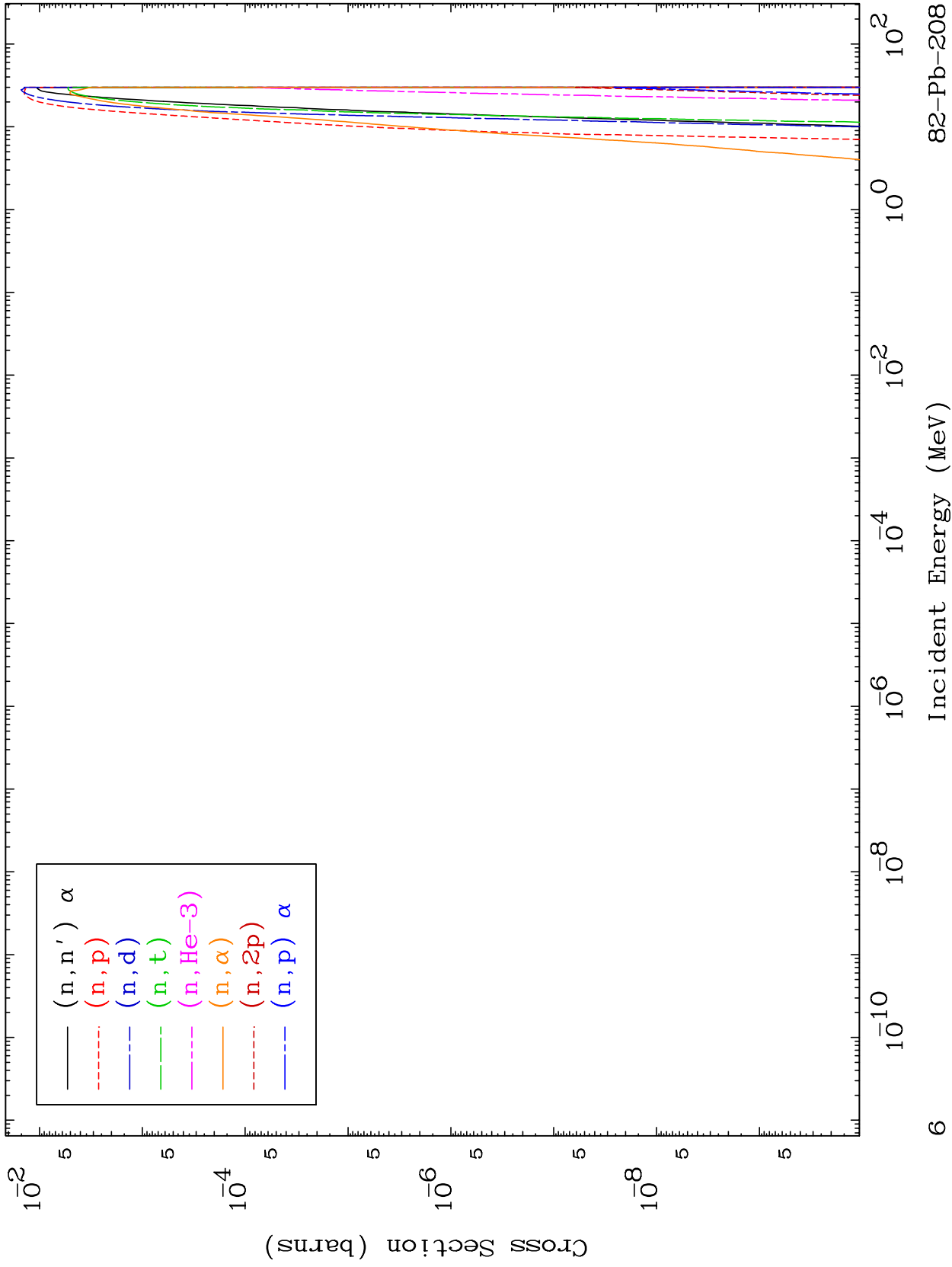
82-Pb-208



MAT 8237

Charged Particle
293 Kelvin Cross Sections

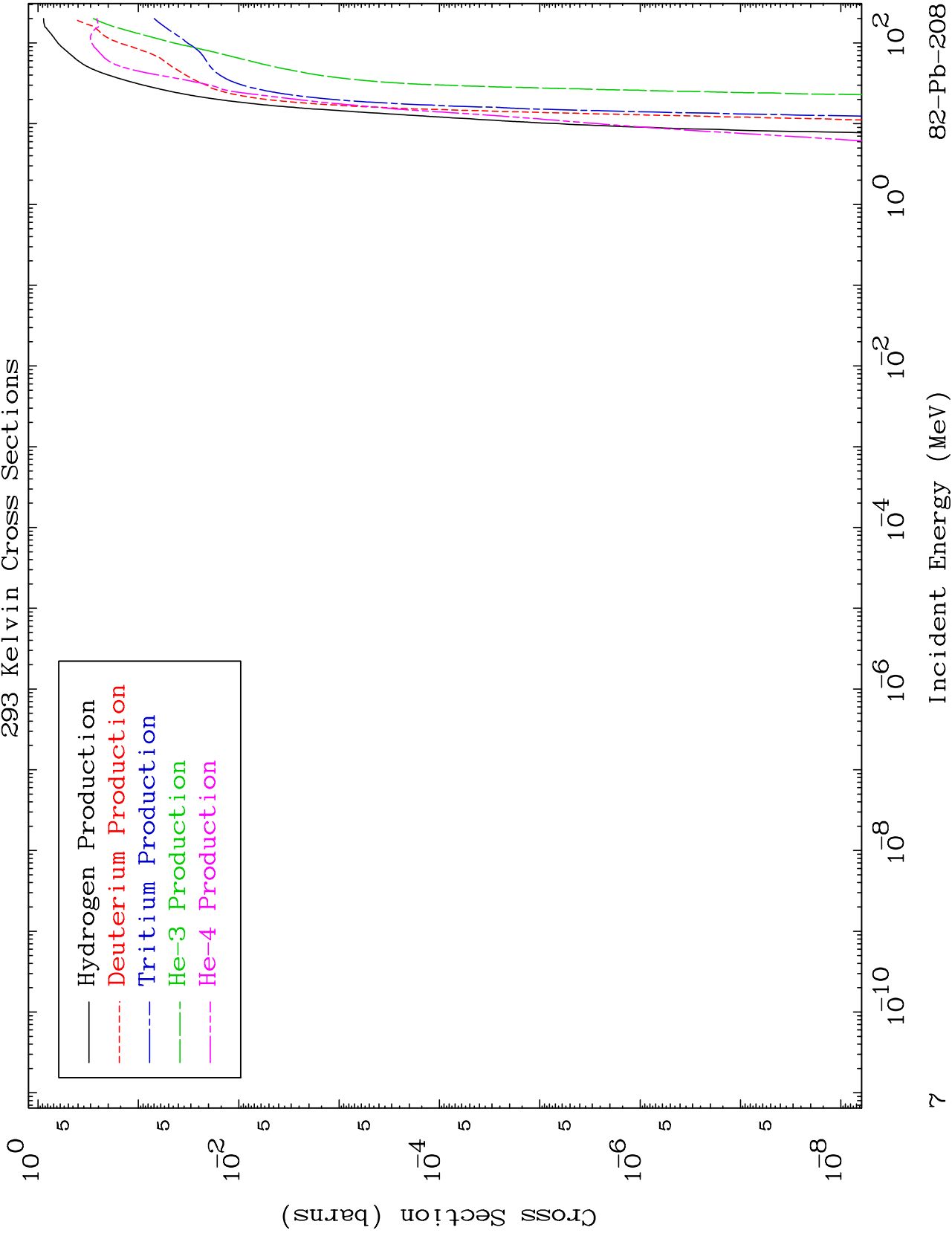
82-Pb-208



MAT 8237

Particle Production
293 Kelvin Cross Sections

82-Pb-208

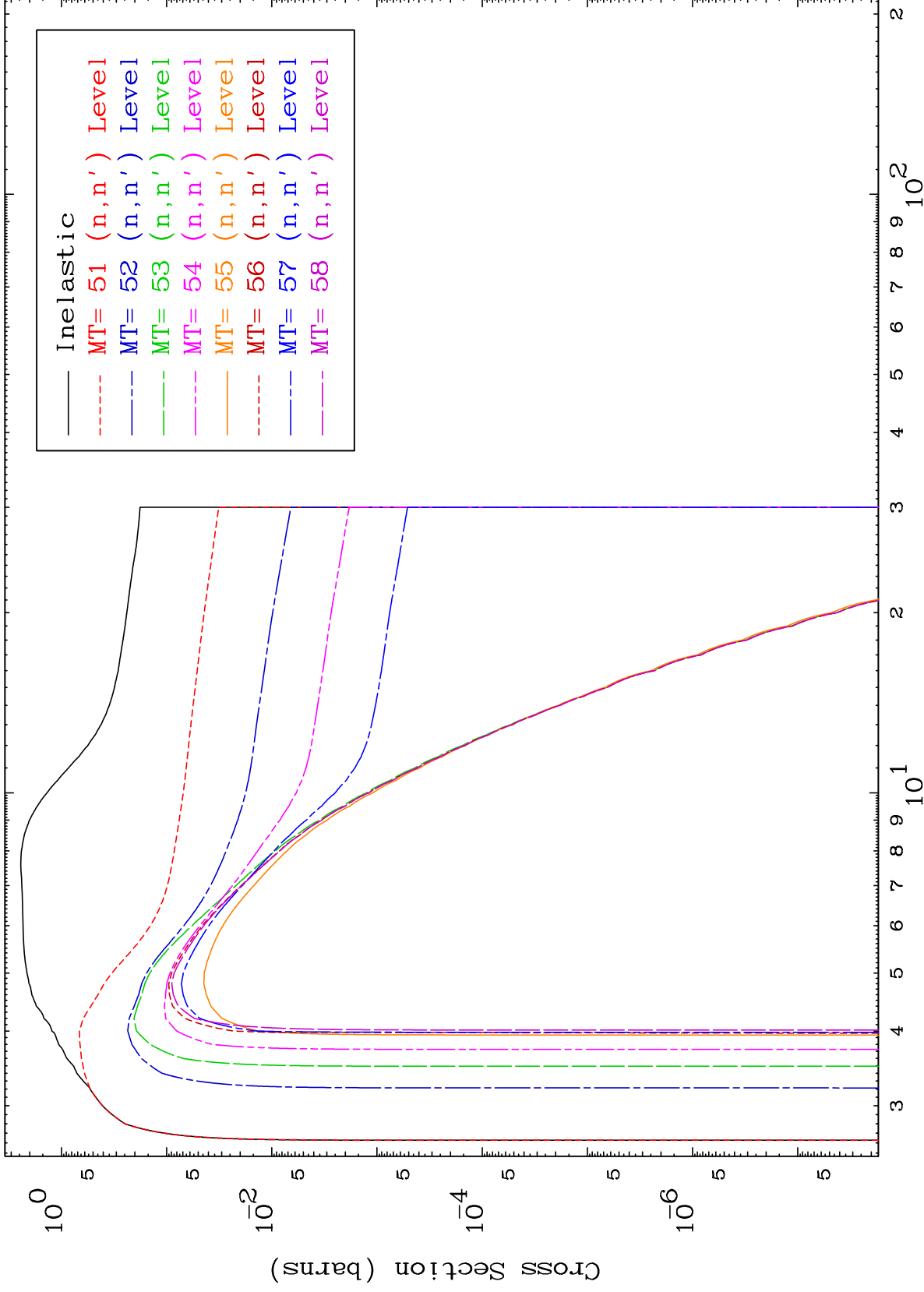


MAT 8237

(n,n') Levels

82-Pb-208

293 Kelvin Cross Sections



8

Incident Energy (MeV)

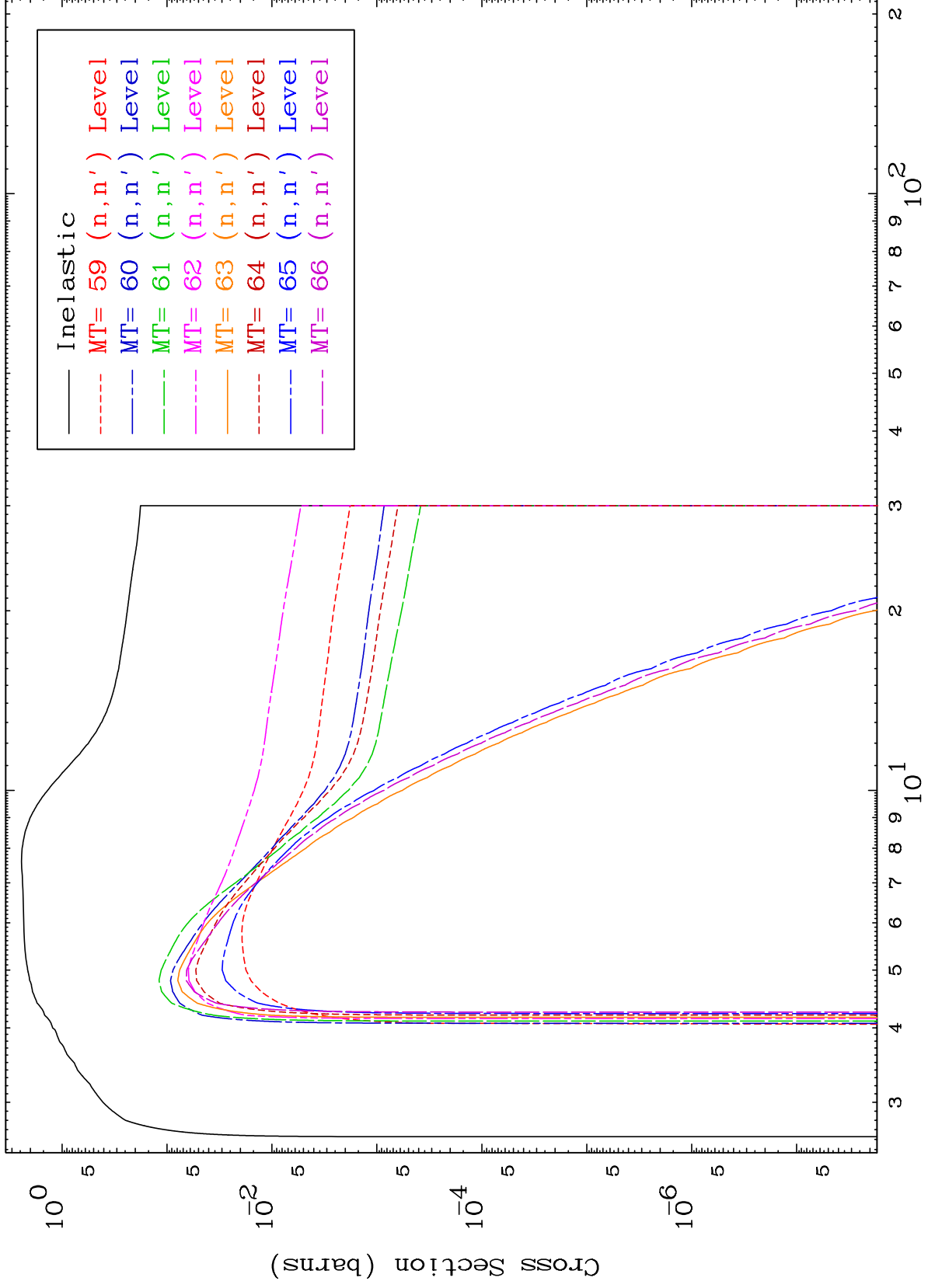
82-Pb-208

MAT 8237

(n,n') Levels

82-Pb-208

293 Kelvin Cross Sections



9

Incident Energy (MeV)

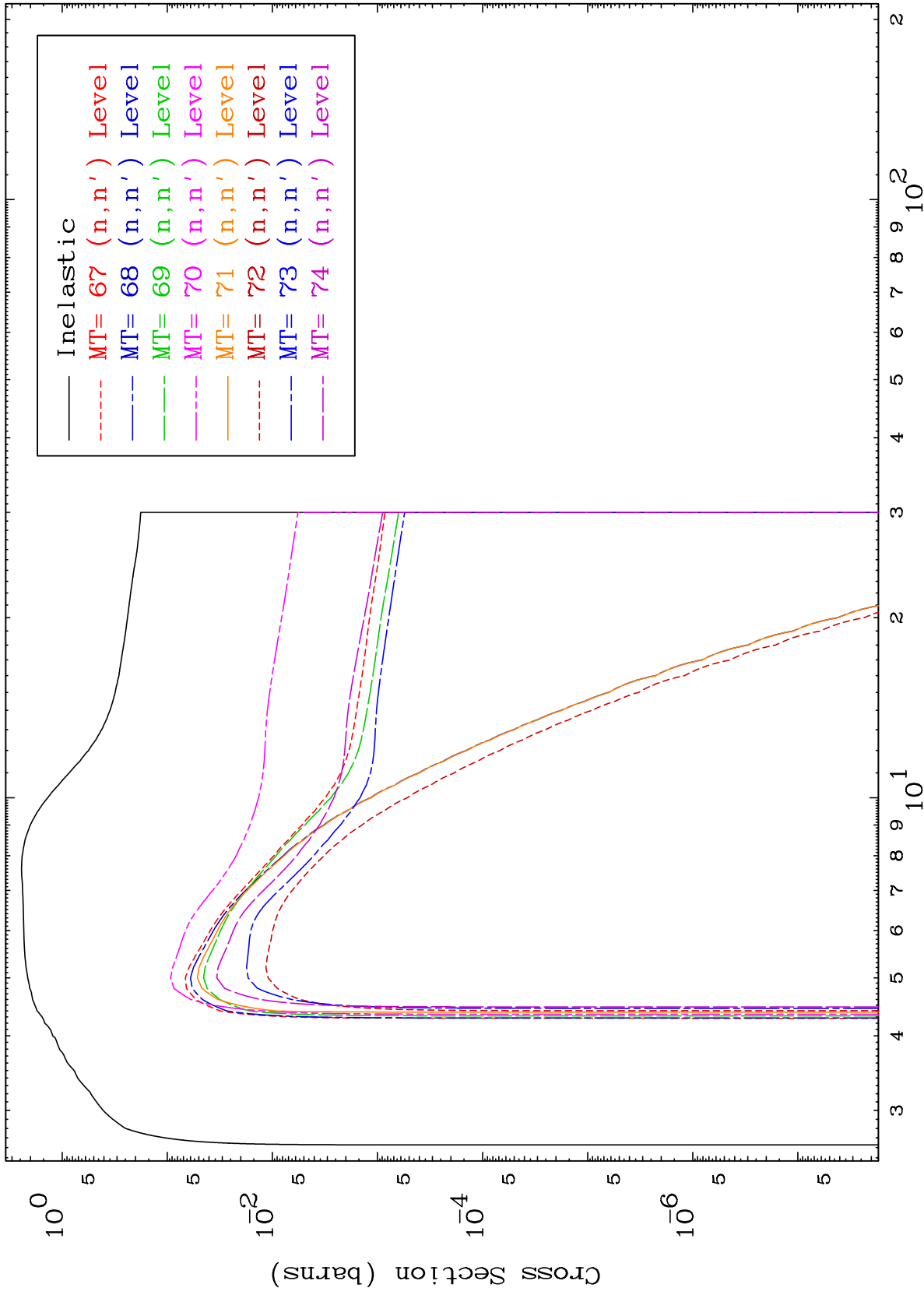
82-Pb-208

MAT 8237

(n,n') Levels

82-Pb-208

293 Kelvin Cross Sections



10

Incident Energy (MeV)

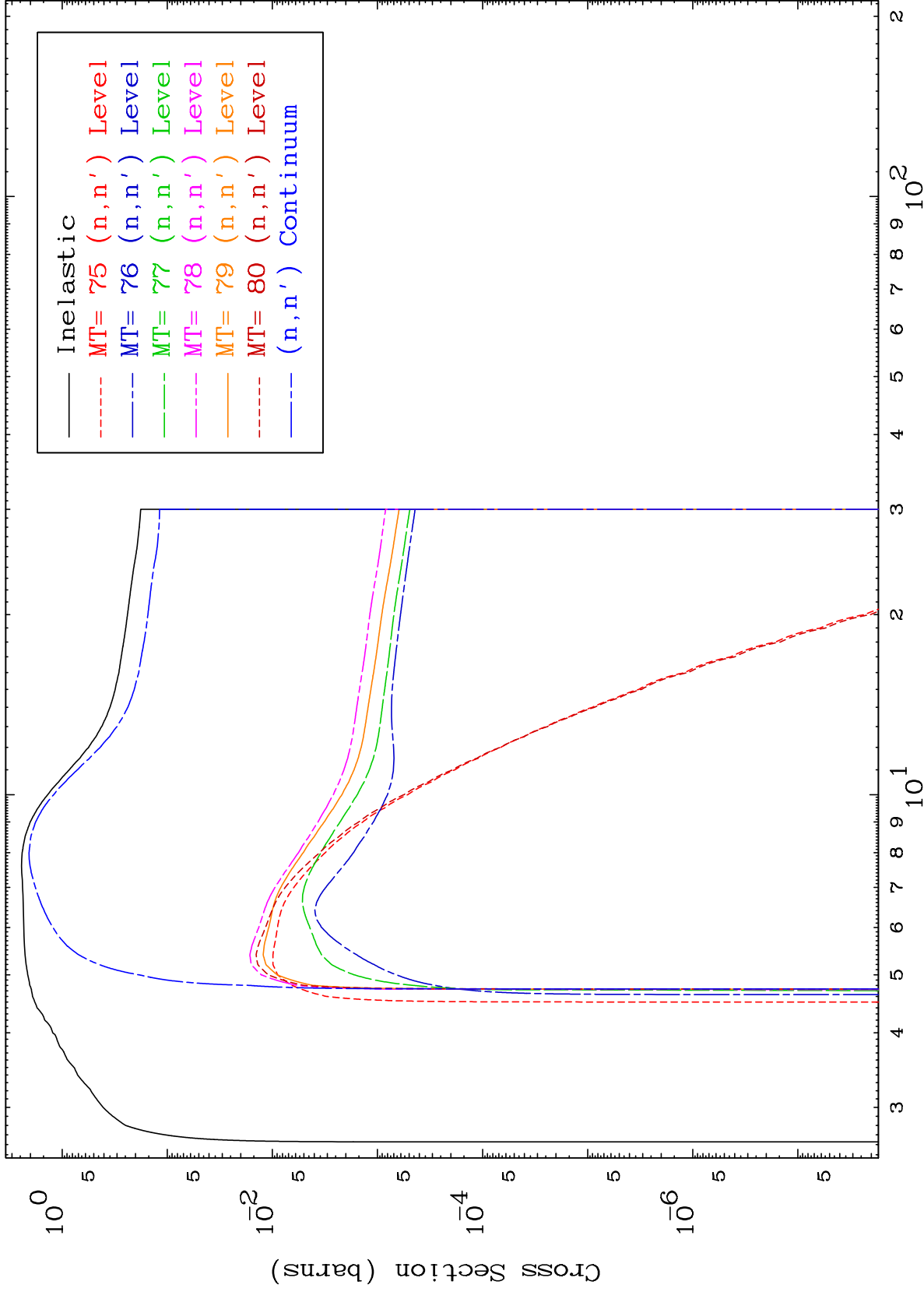
82-Pb-208

MAT 8237

(n,n') Levels

82-Pb-208

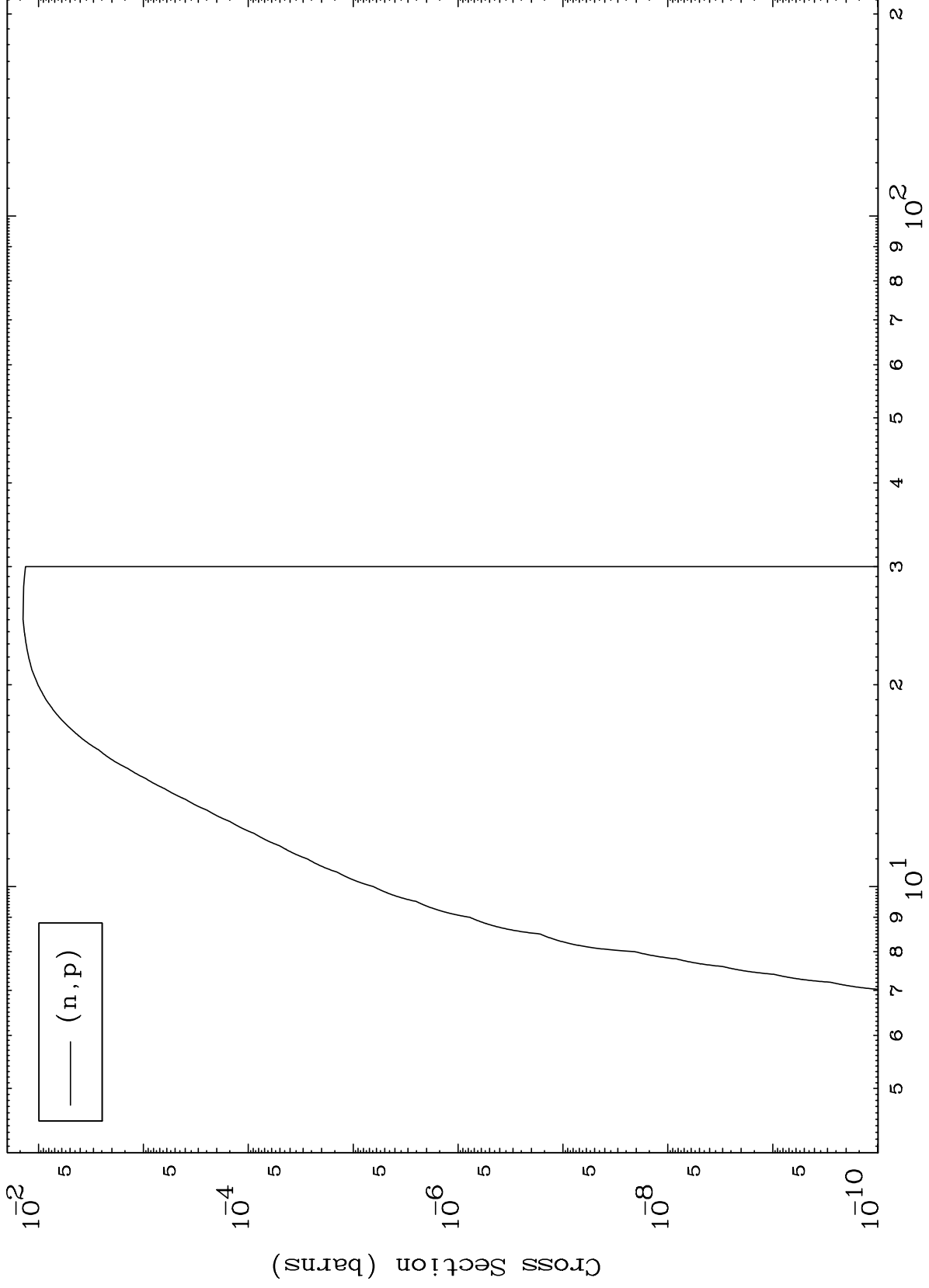
293 Kelvin Cross Sections



MAT 8237

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-208



12

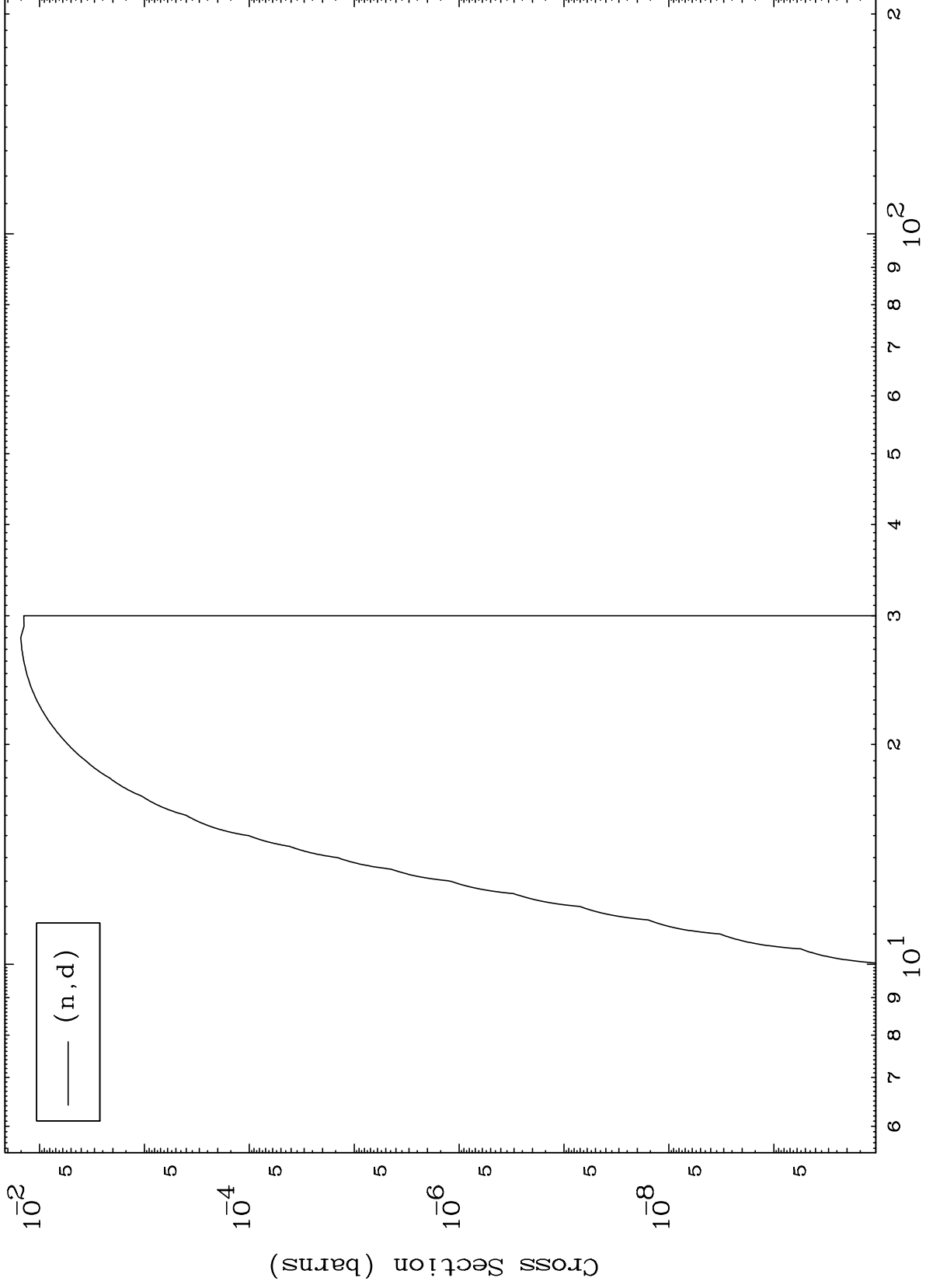
Incident Energy (MeV)

82-Pb-208

MAT 8237

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-208



13

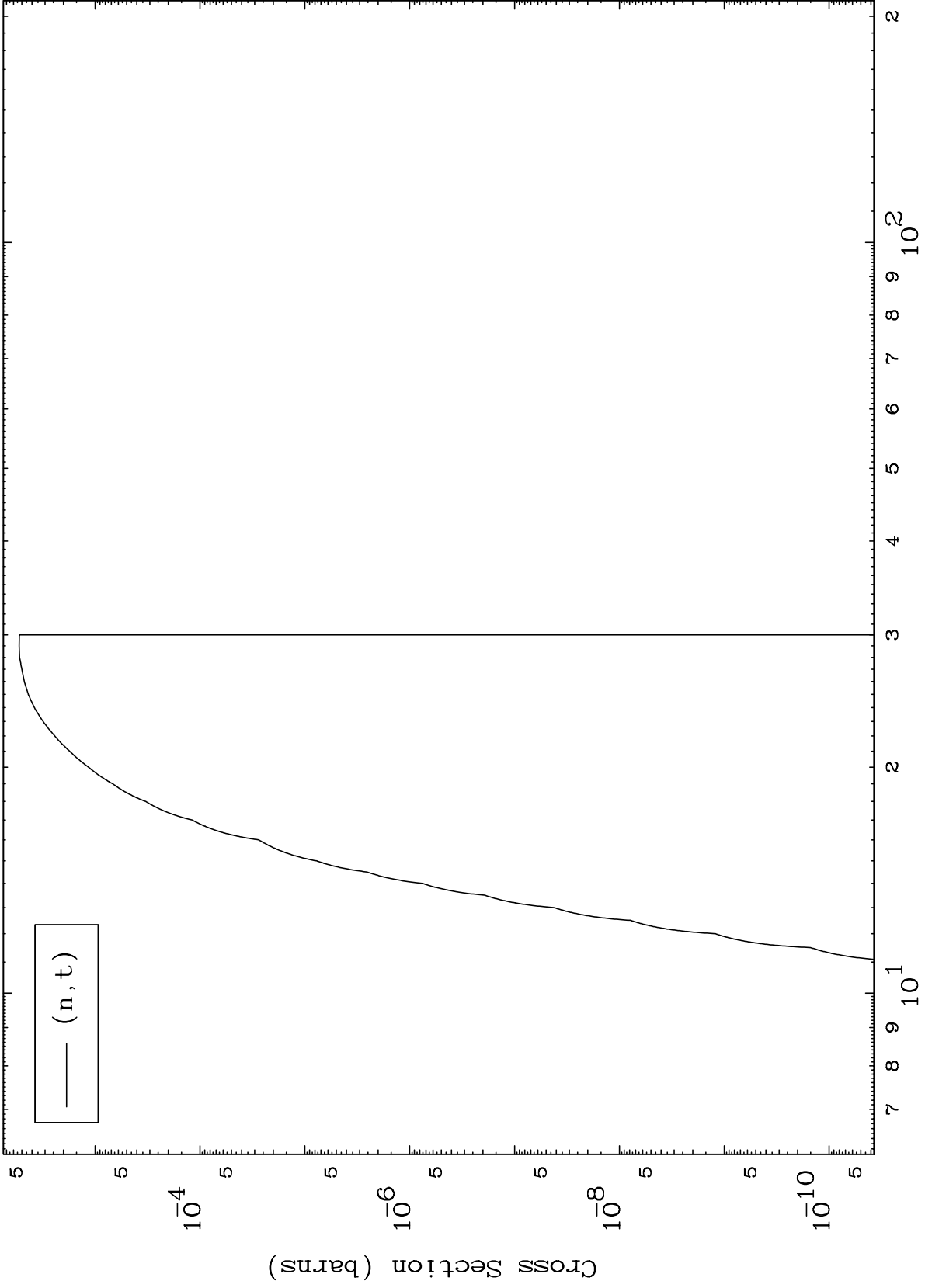
Incident Energy (MeV)

82-Pb-208

MAT 8237

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-208



14

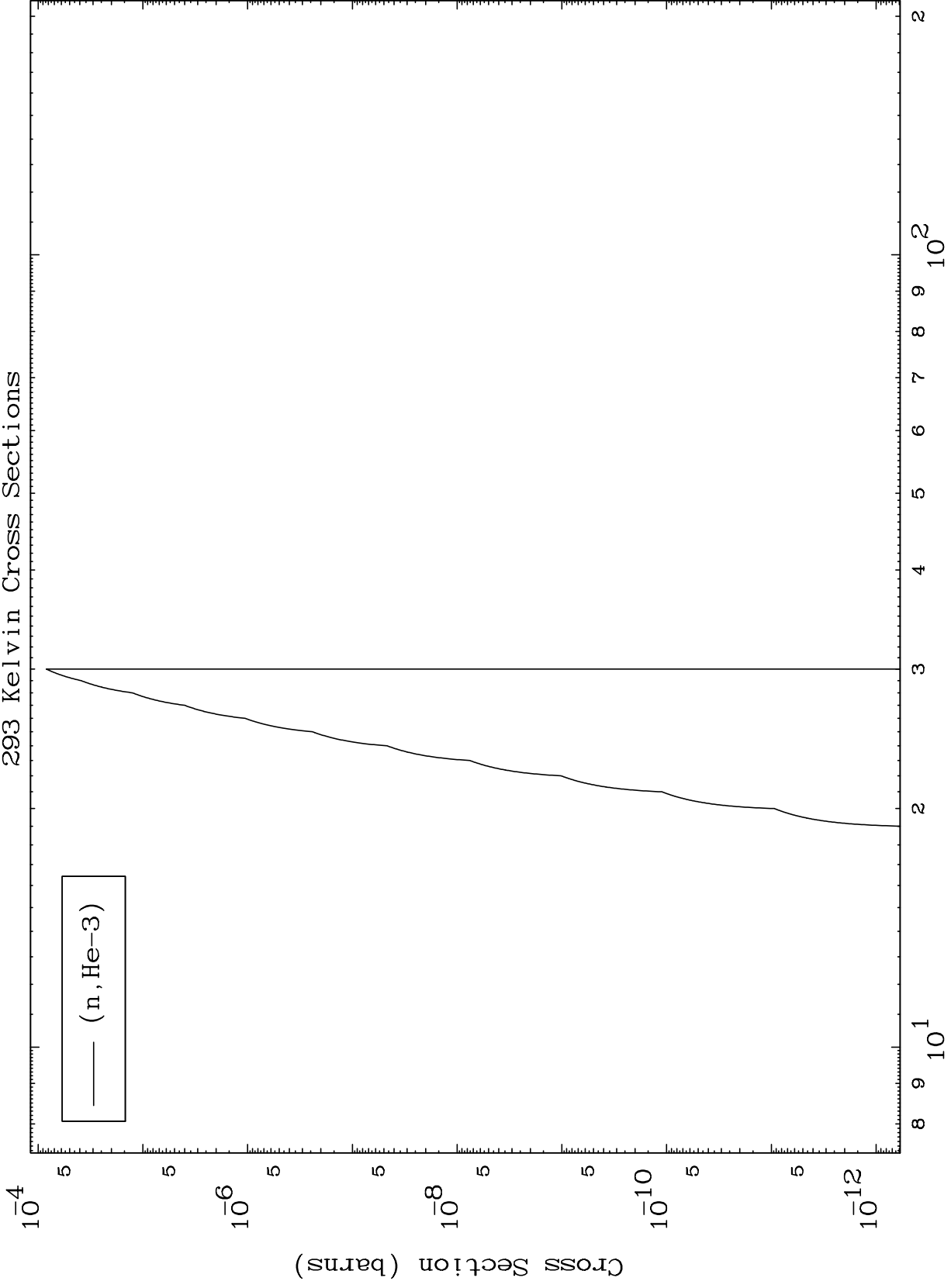
Incident Energy (MeV)

82-Pb-208

MAT 8237

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-208



15

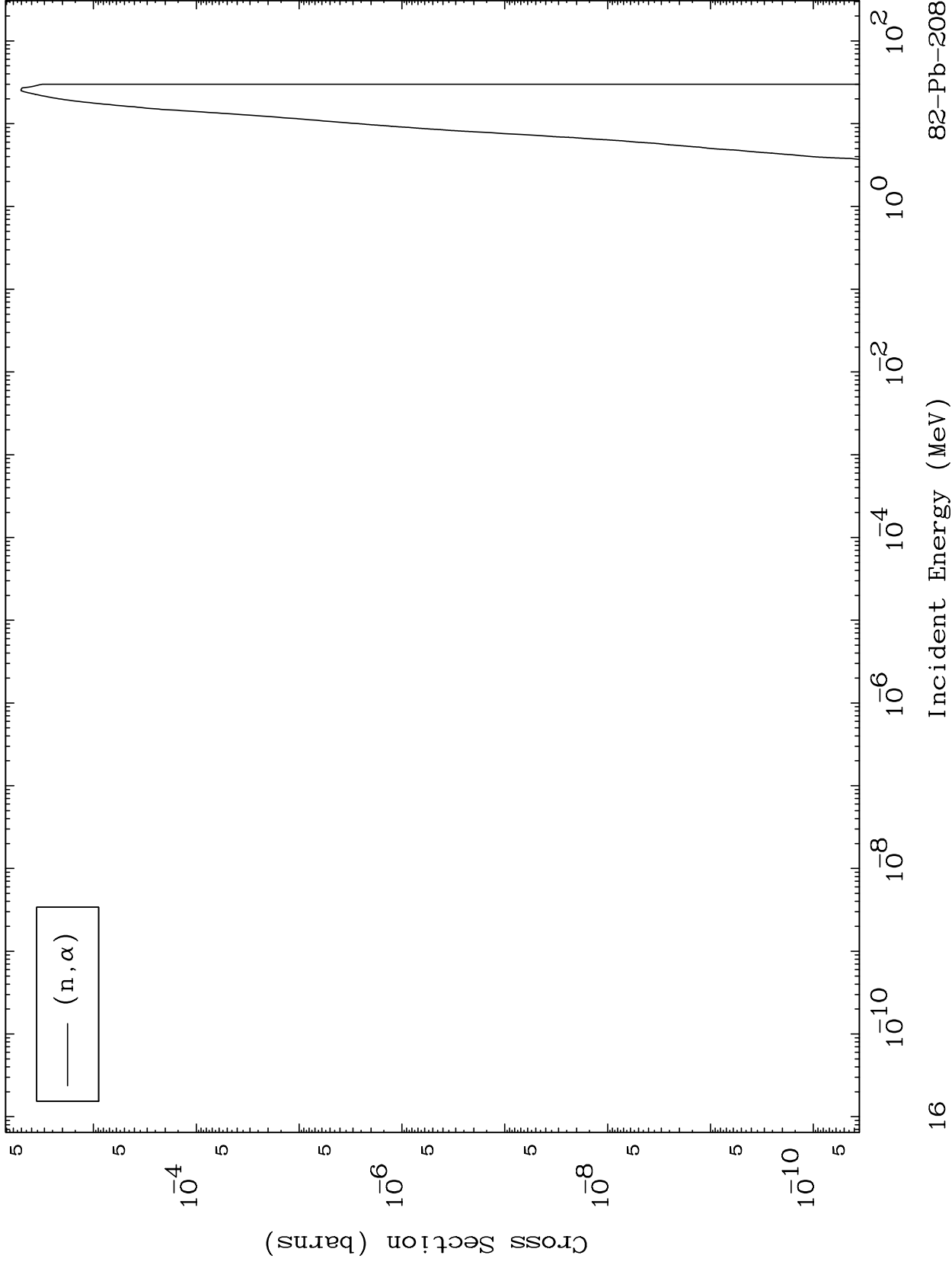
Incident Energy (MeV)

82-Pb-208

MAT 8237

(n, α) Levels
293 Kelvin Cross Sections

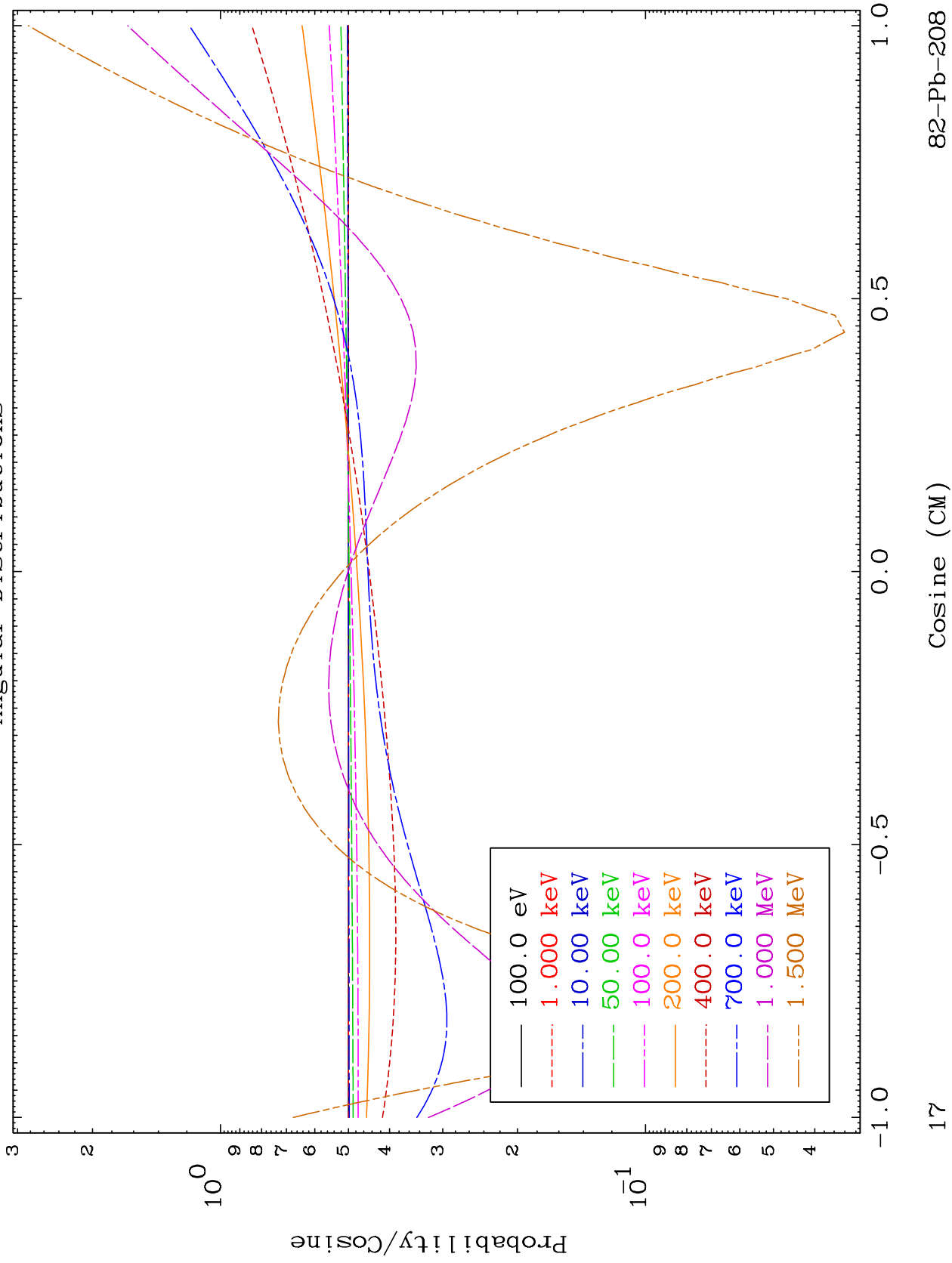
82-Pb-208



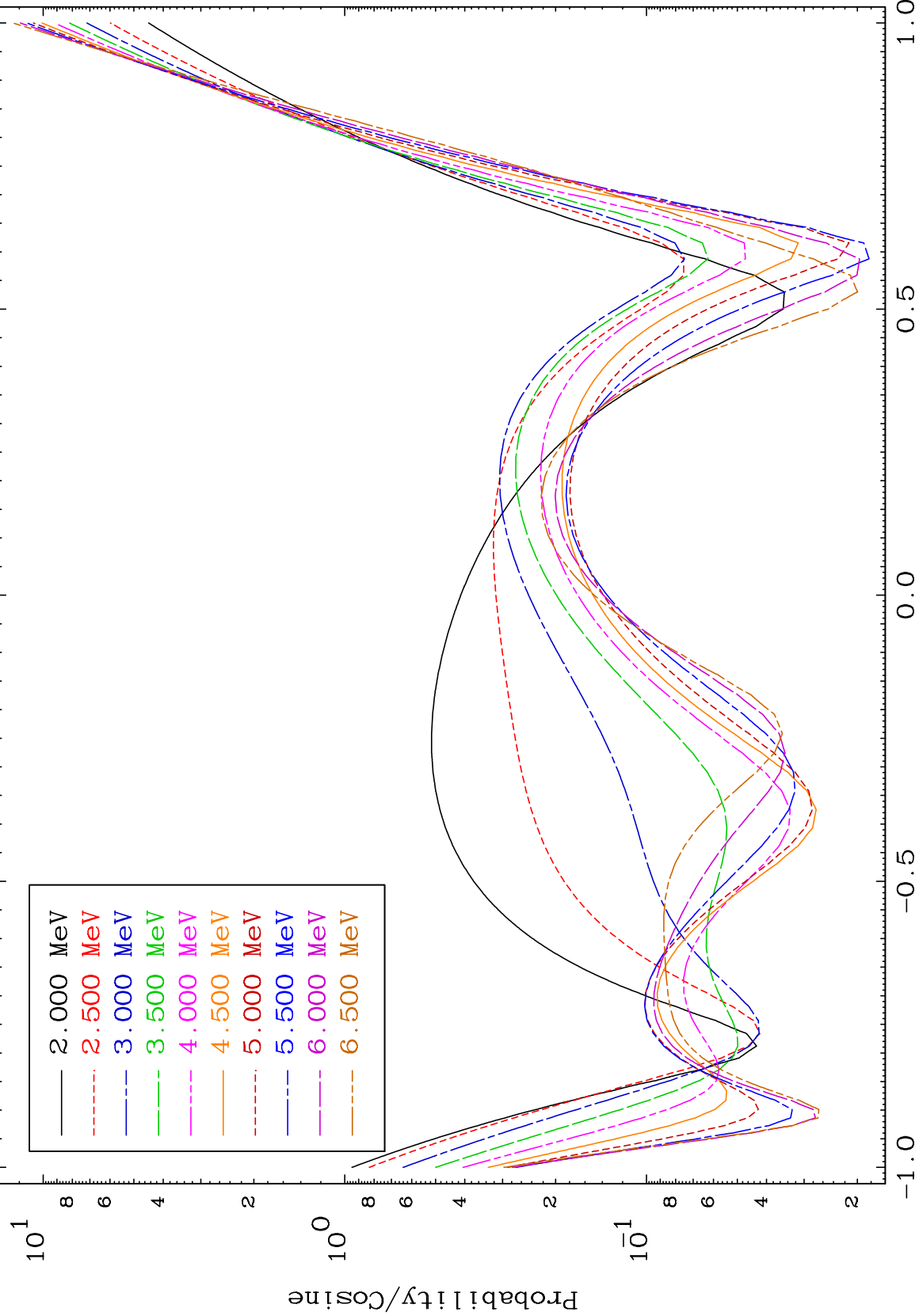
16

82-Pb-208

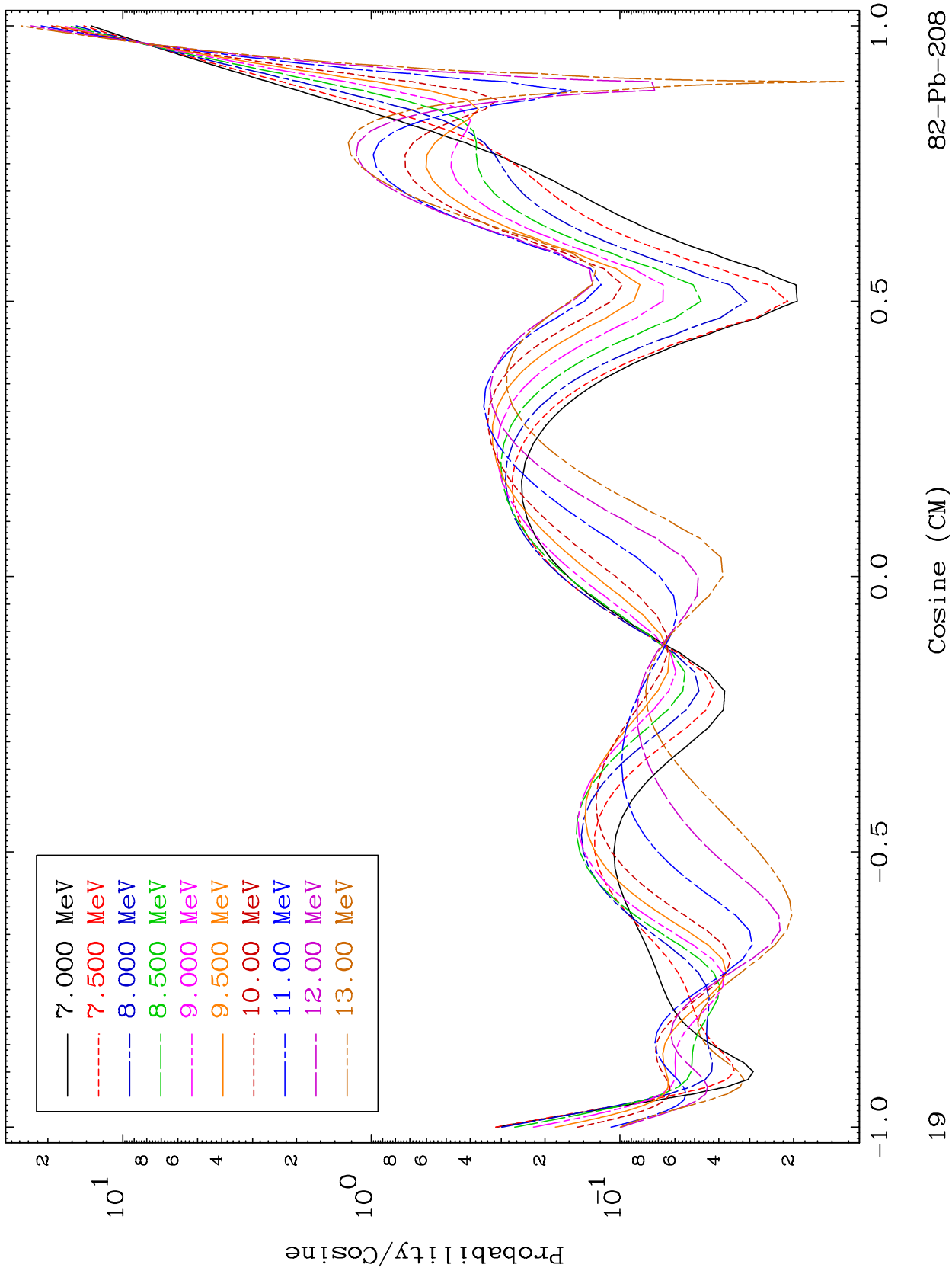
Elastic
Angular Distributions



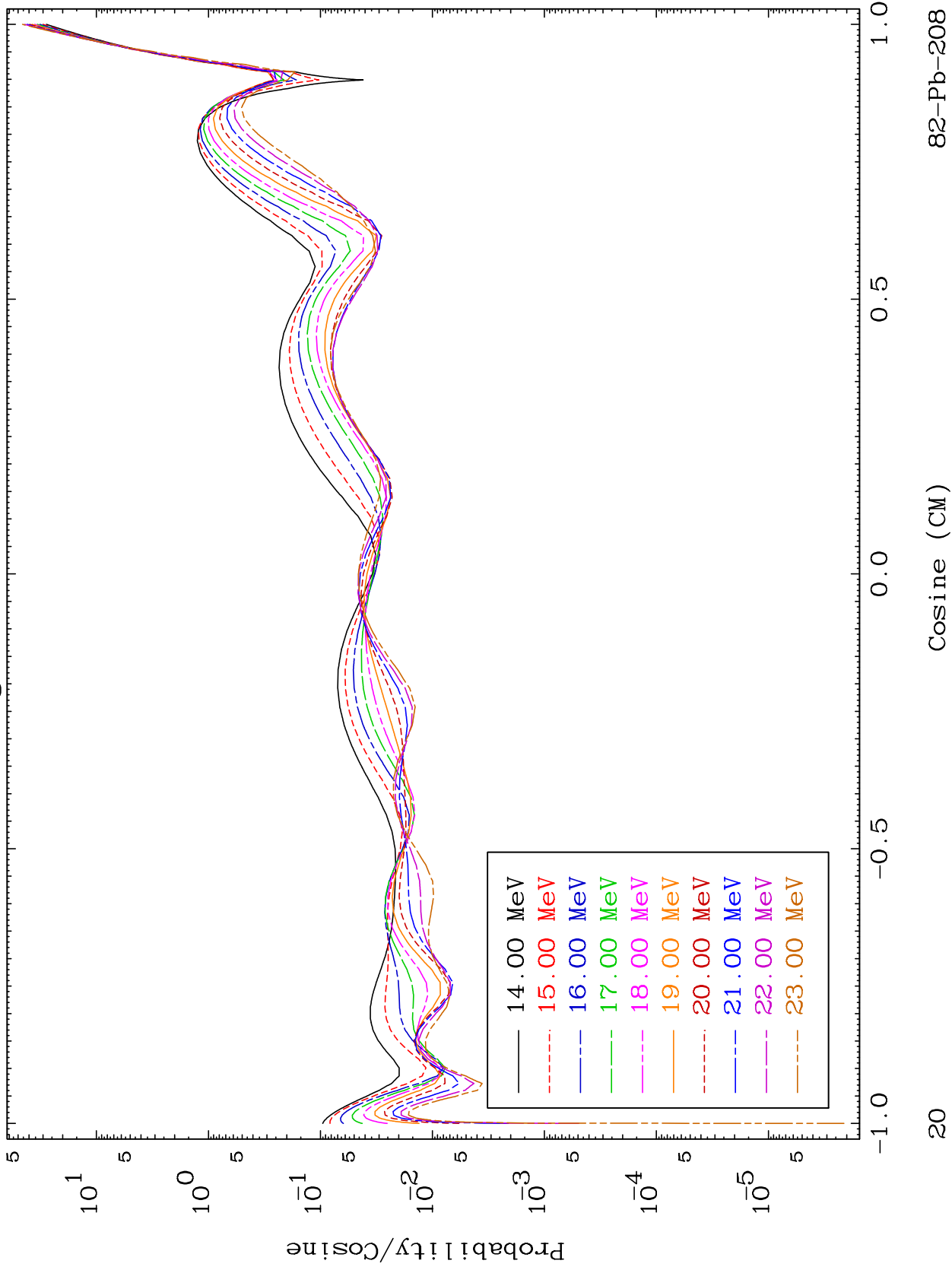
Elastic
Angular Distributions



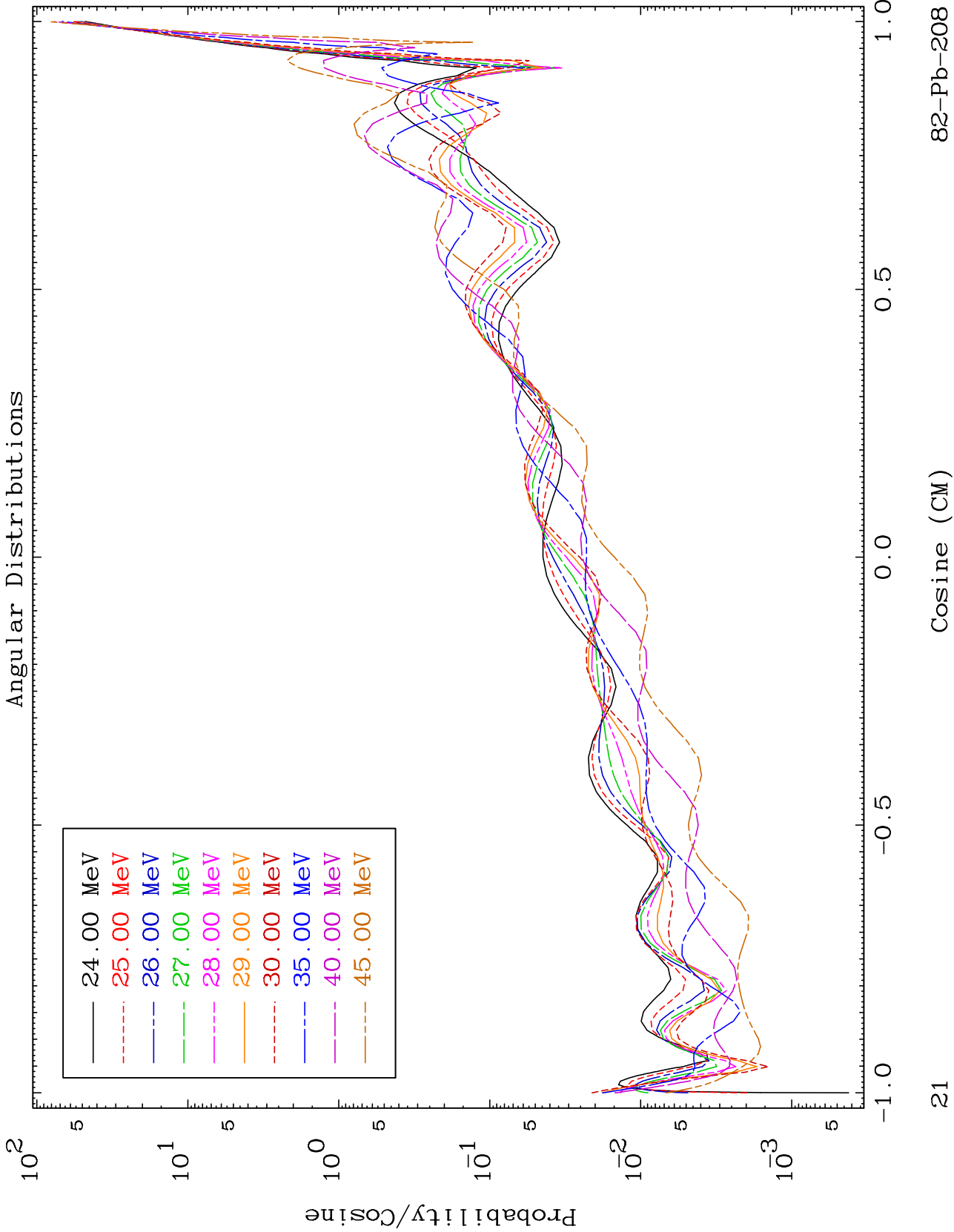
Elastic
Angular Distributions



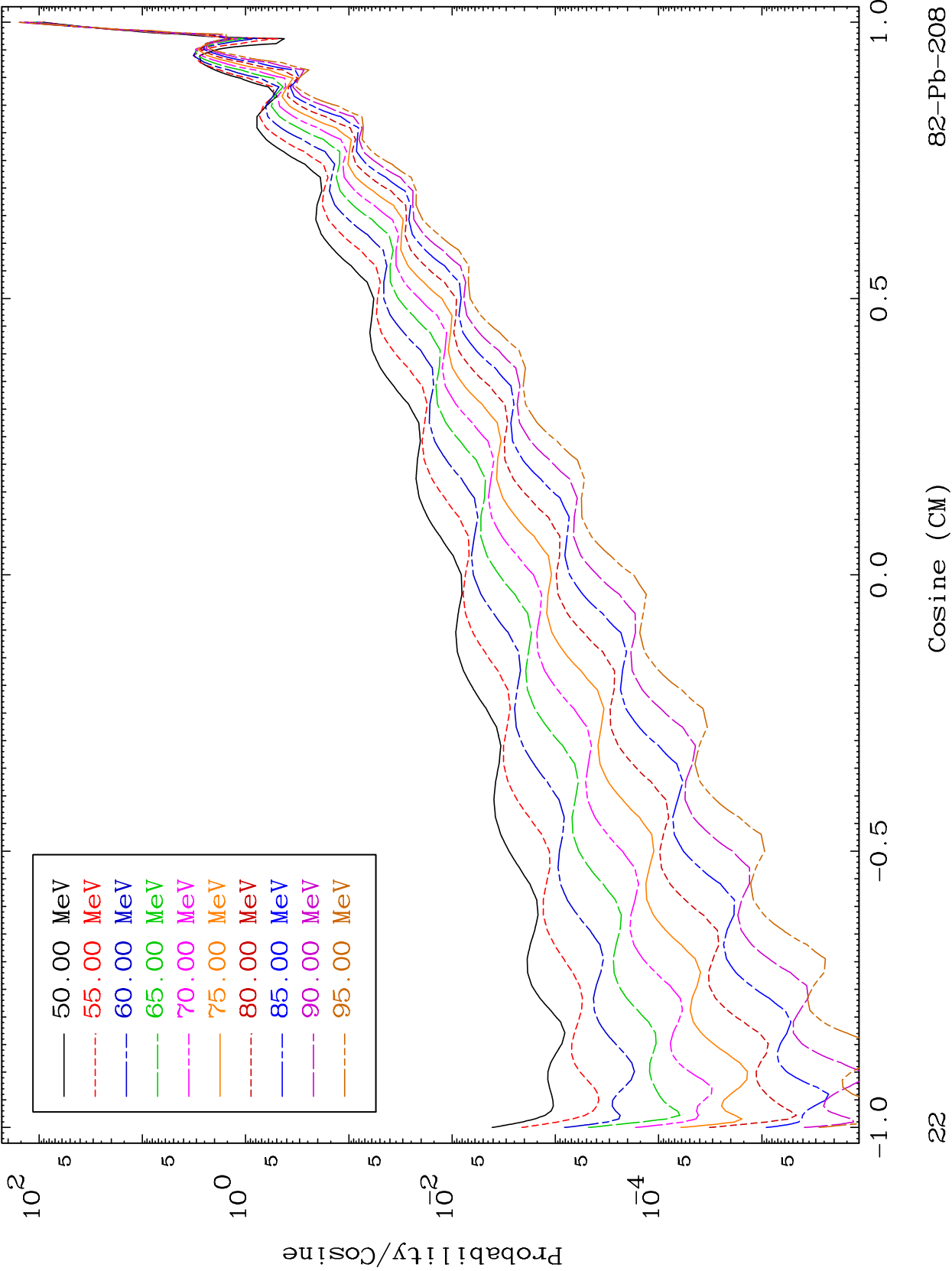
Elastic
Angular Distributions



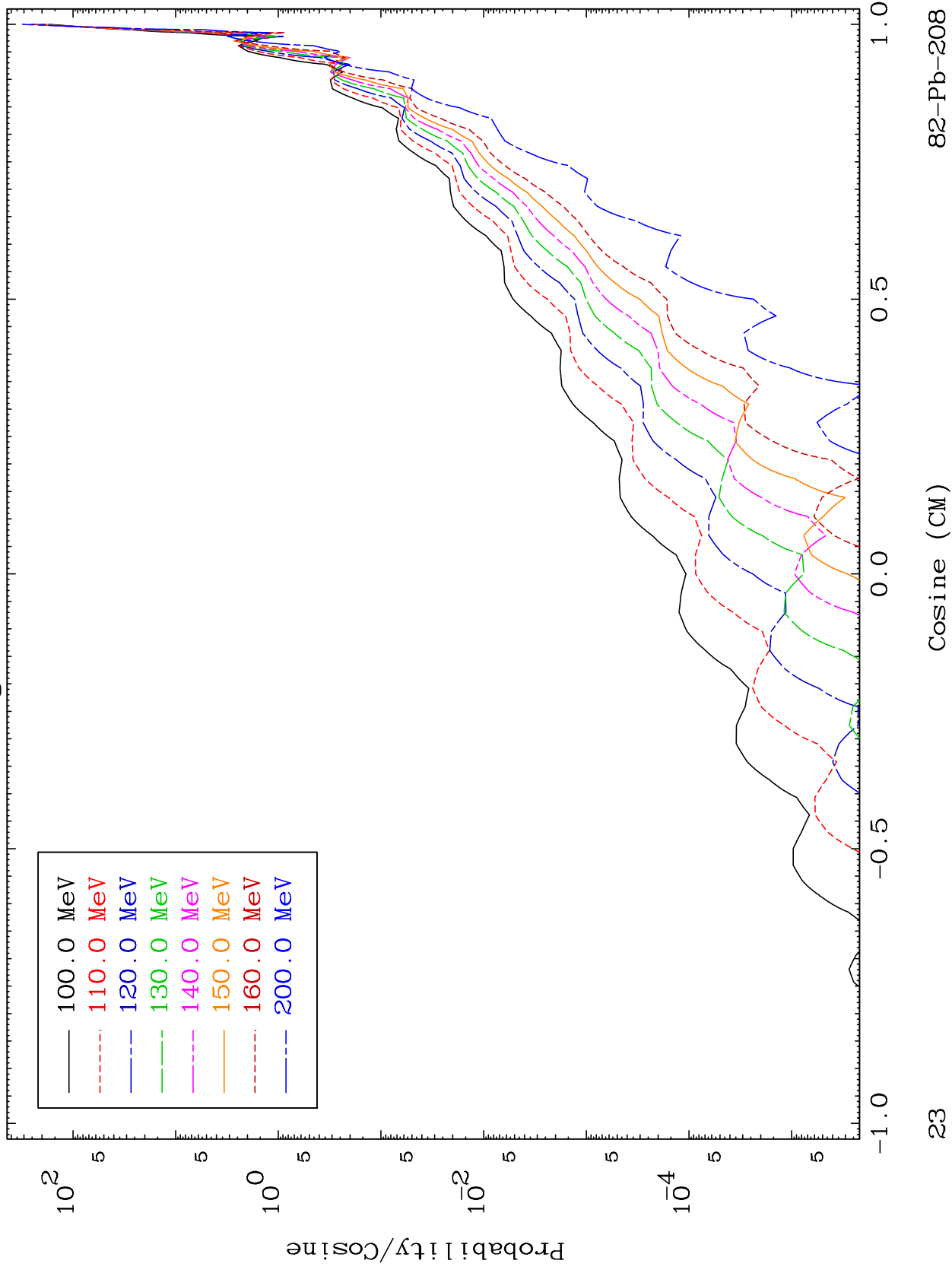
Elastic
Angular Distributions



Elastic
Angular Distributions



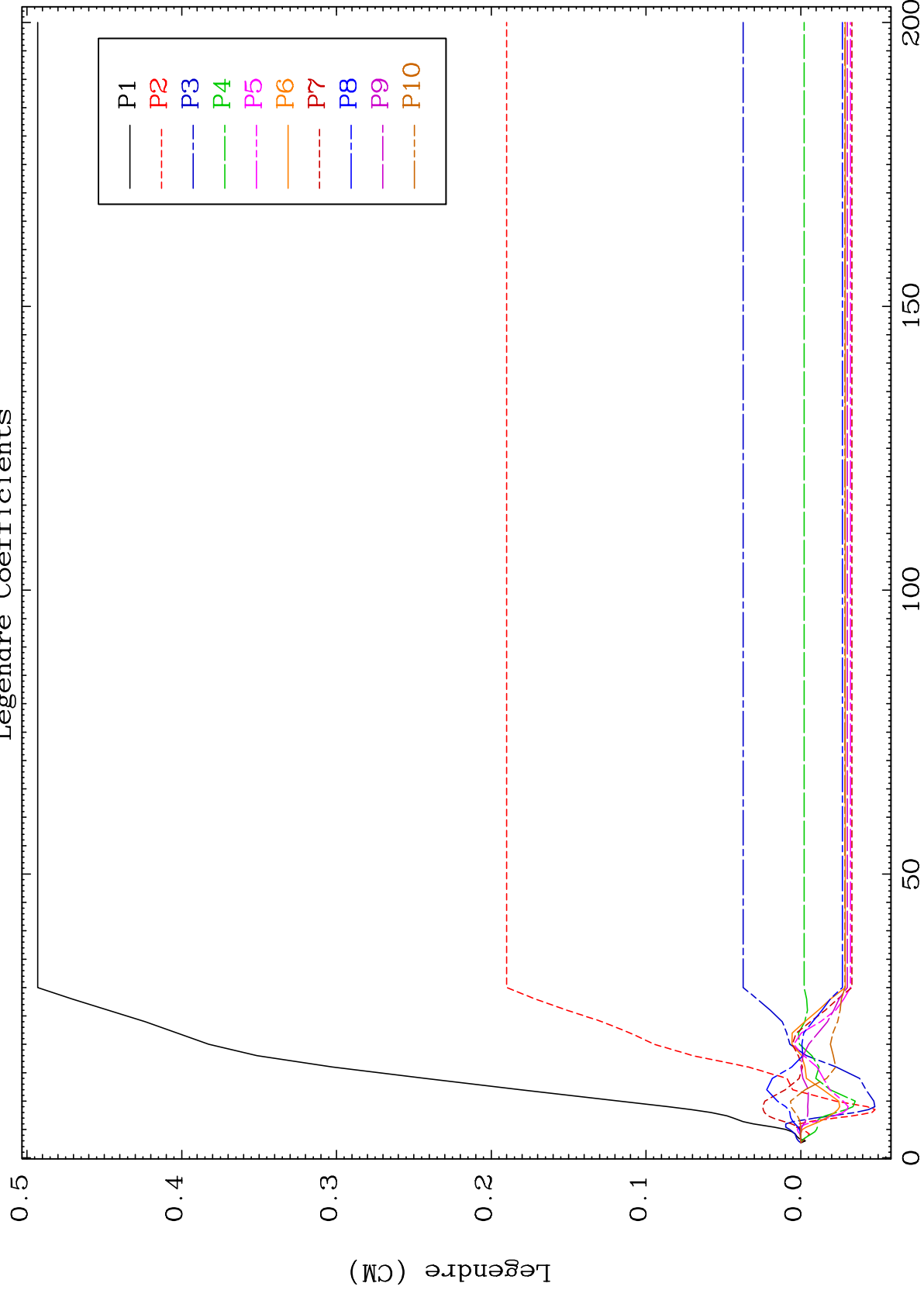
Elastic
Angular Distributions



MAT 8237

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

82-Pb-208



24

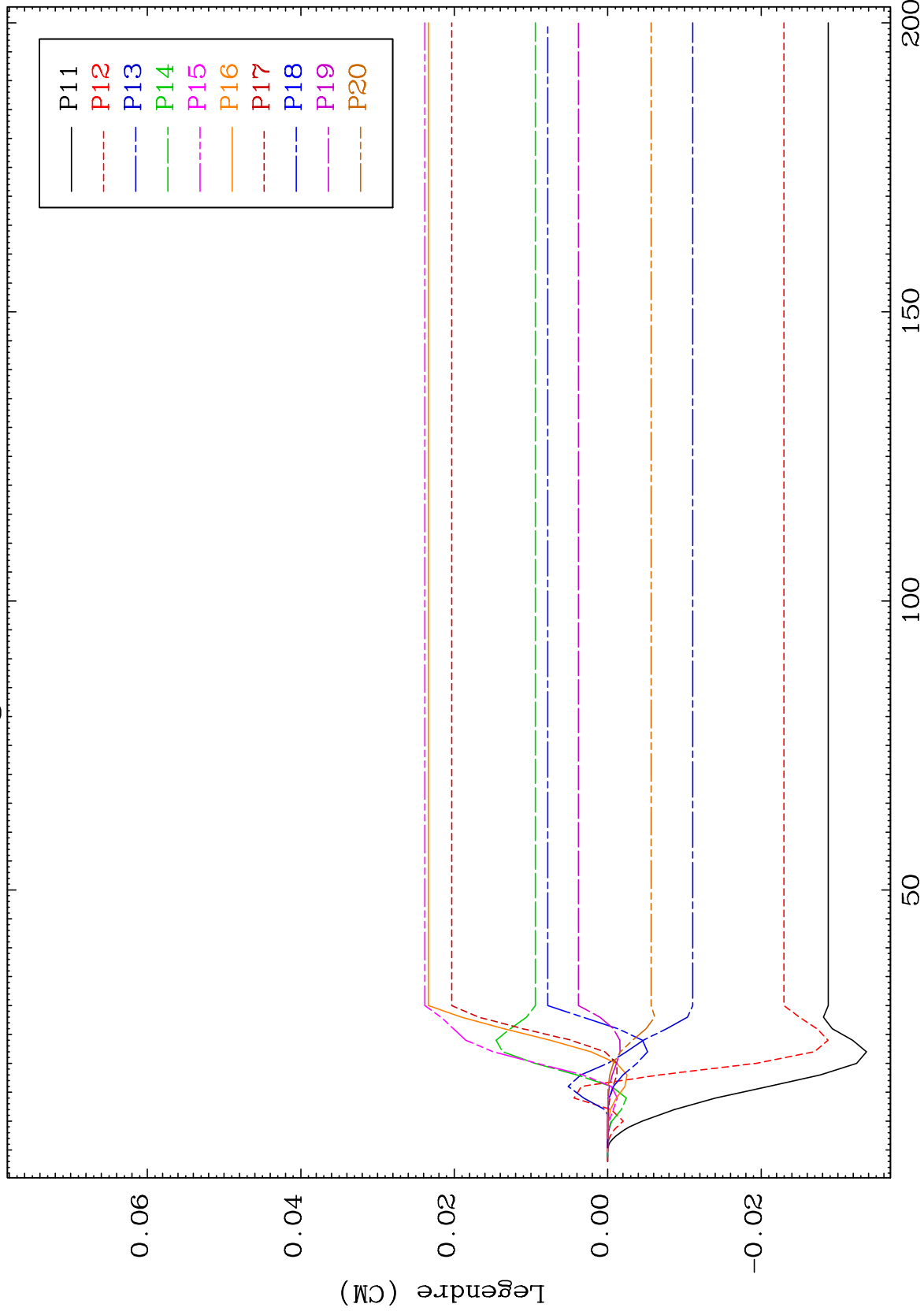
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



25

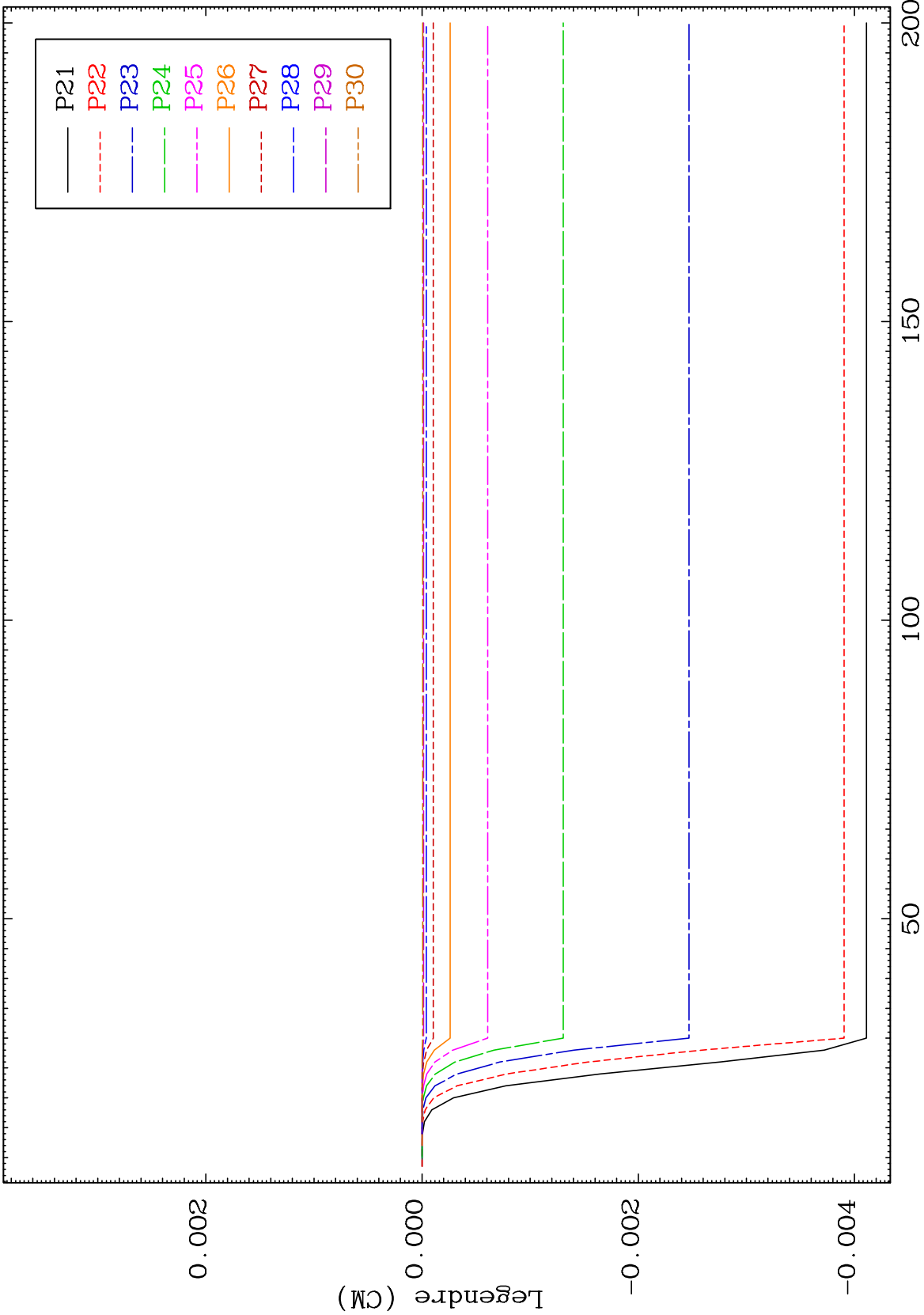
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

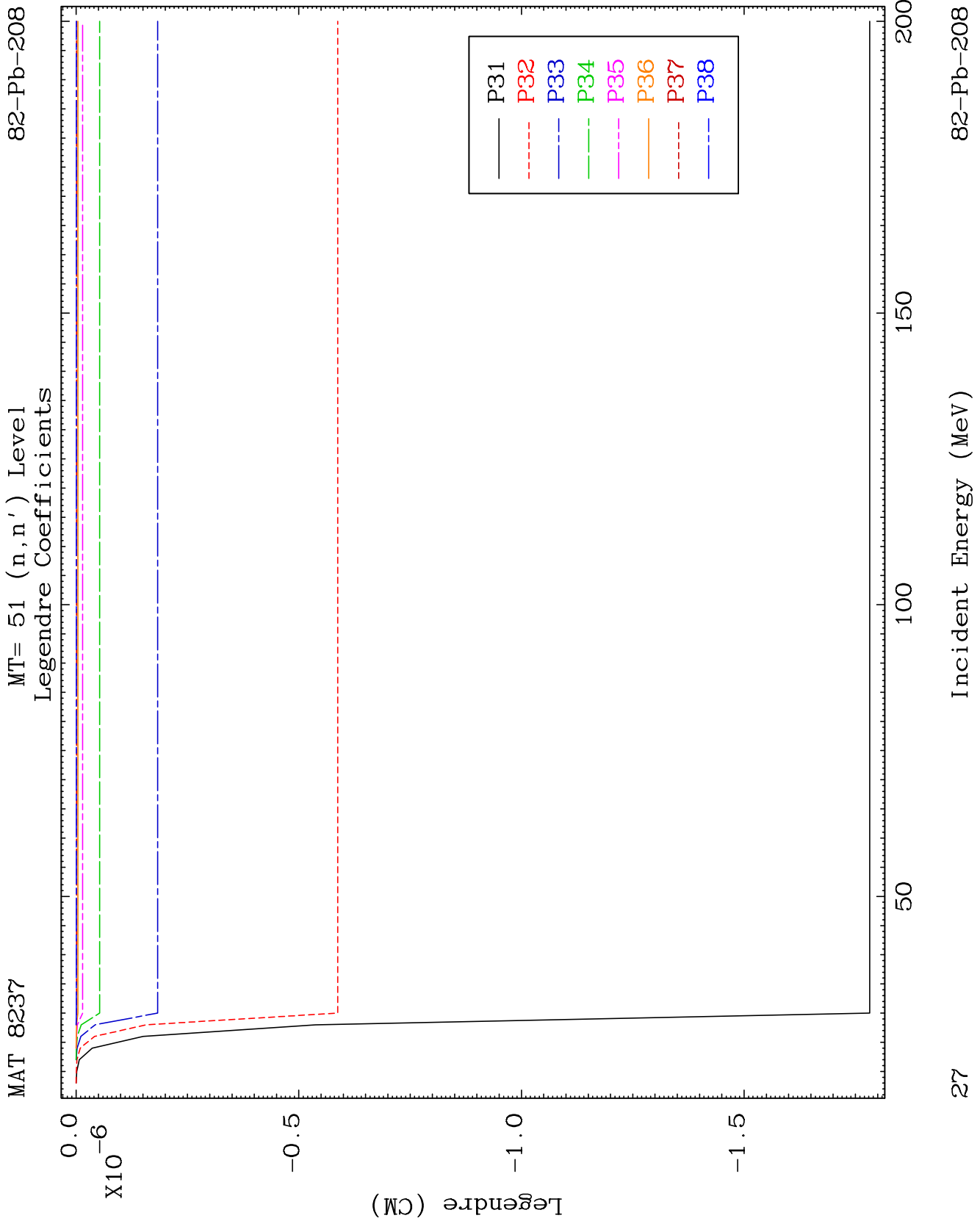
82-Pb-208



26

Incident Energy (MeV)

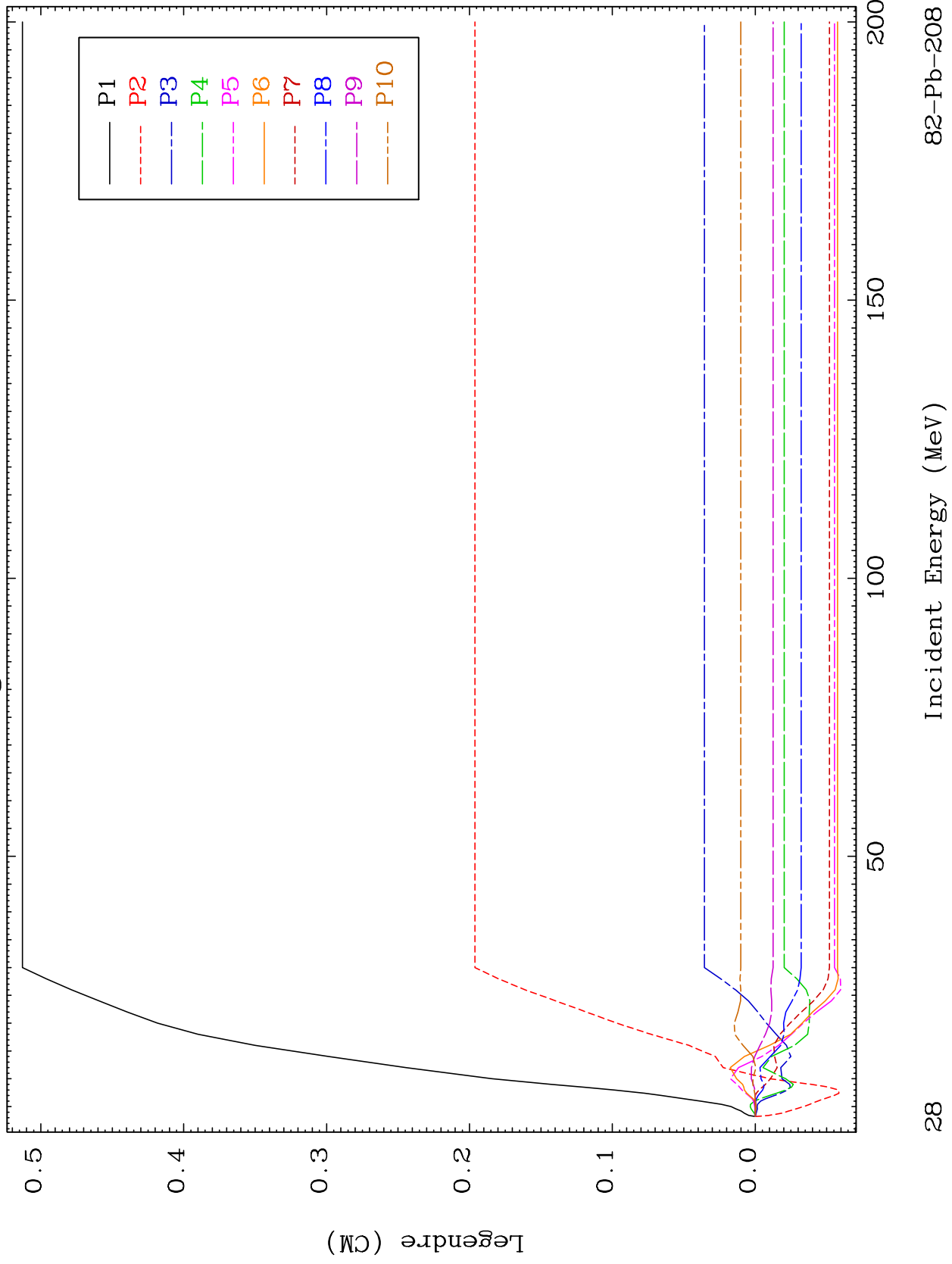
82-Pb-208



MAT 8237

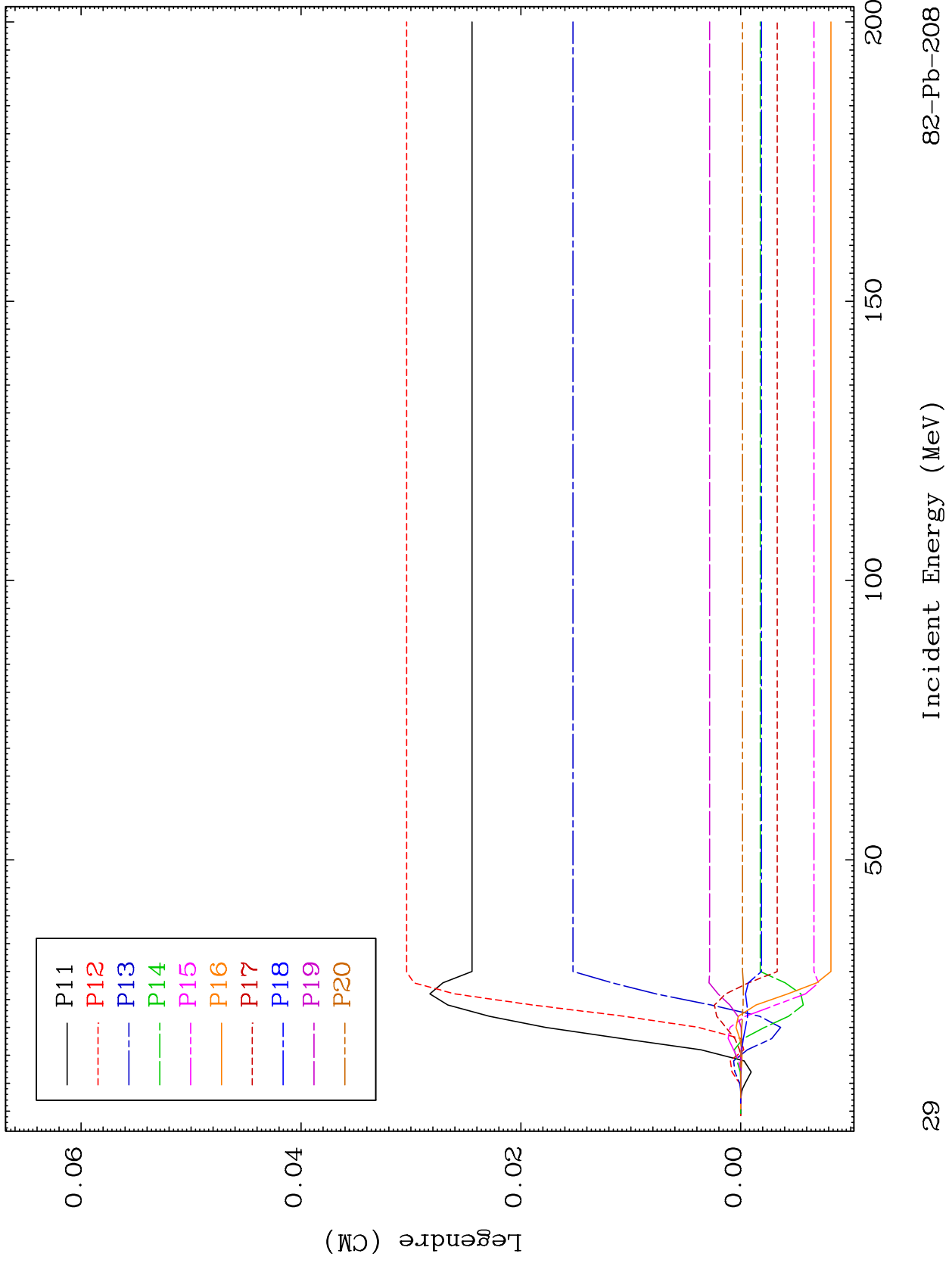
MT= 52 (n,n') Level
Legendre Coefficients

82-Pb-208



28

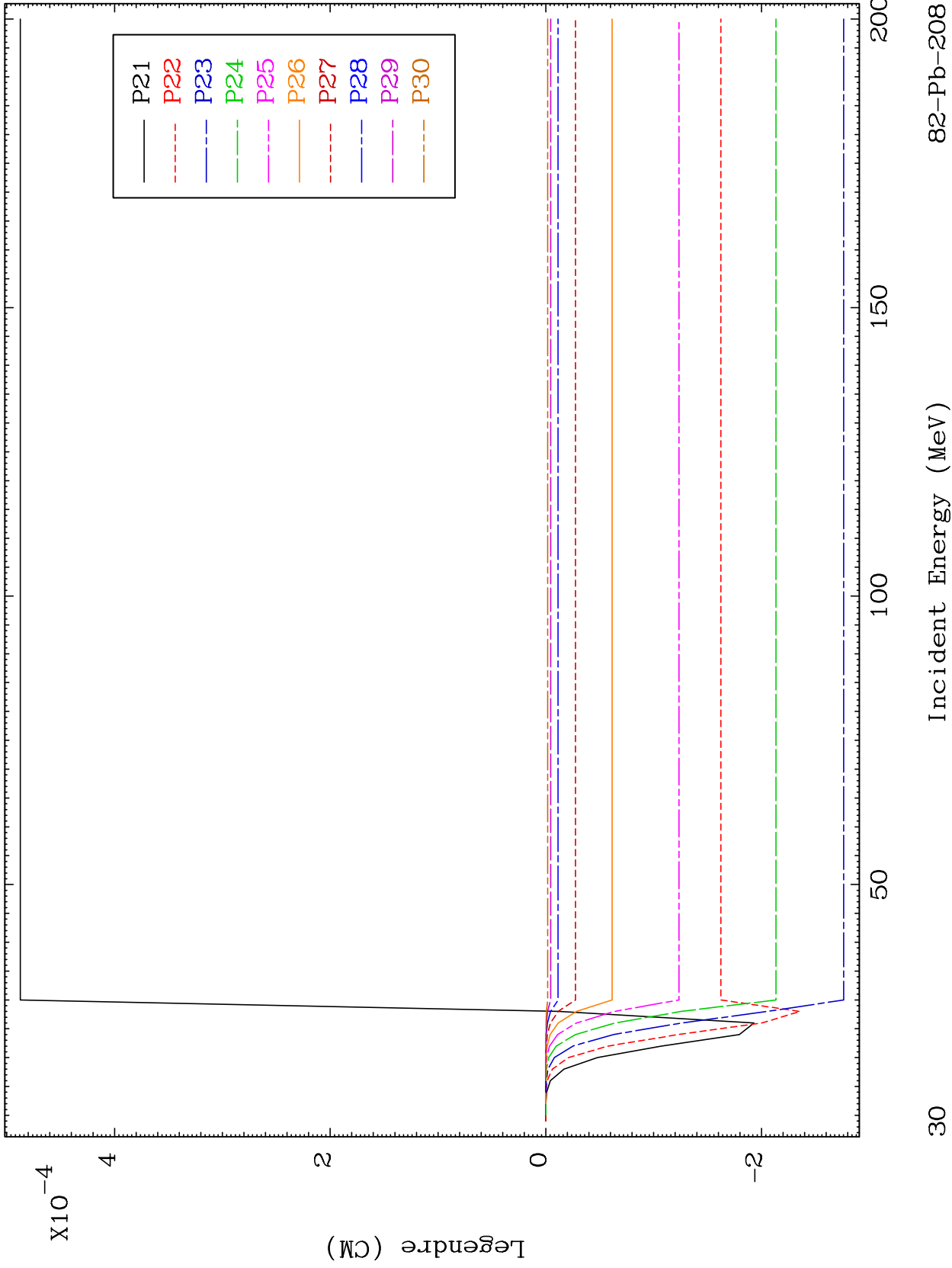
82-Pb-208

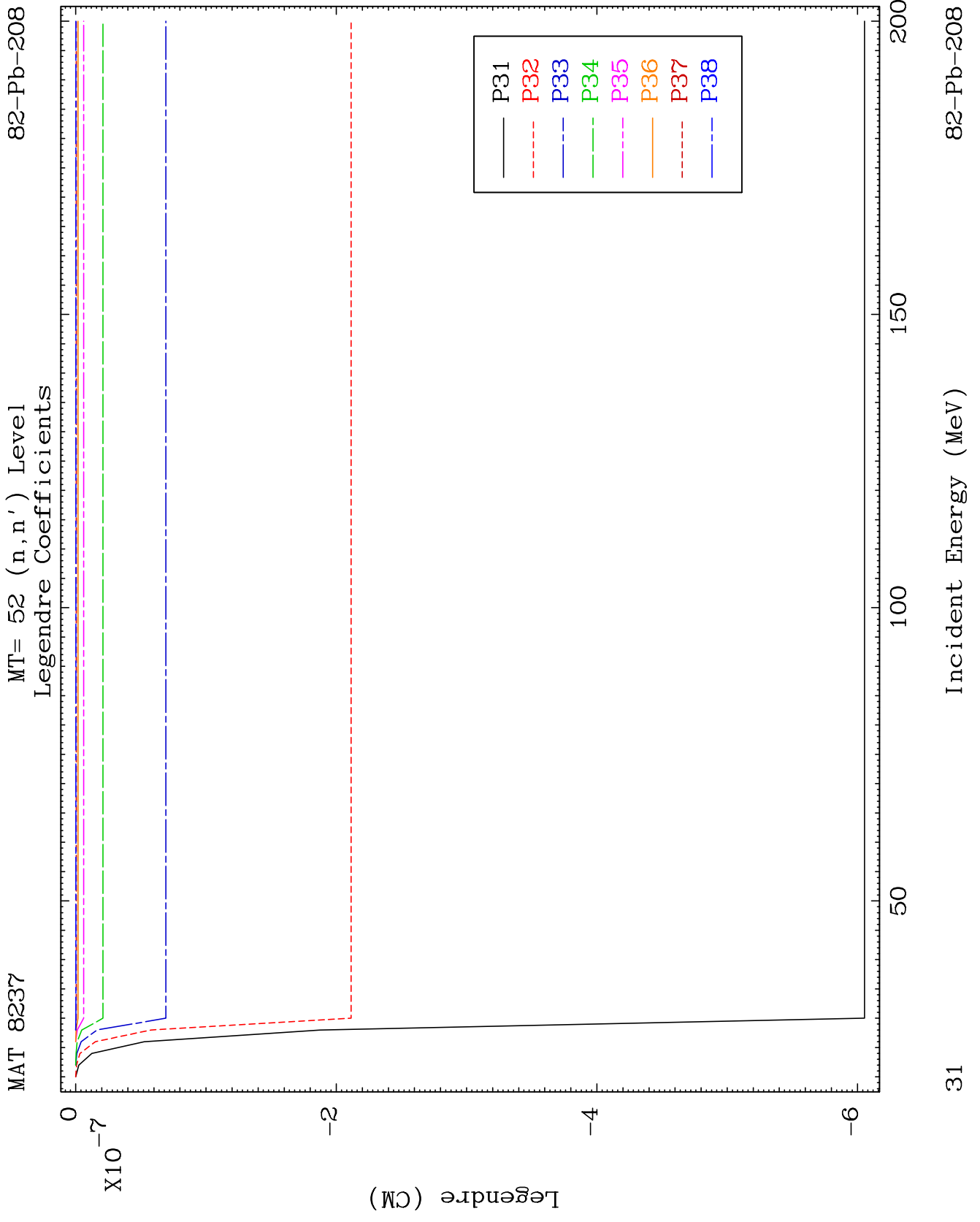


MAT 8237

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

82-Pb-208

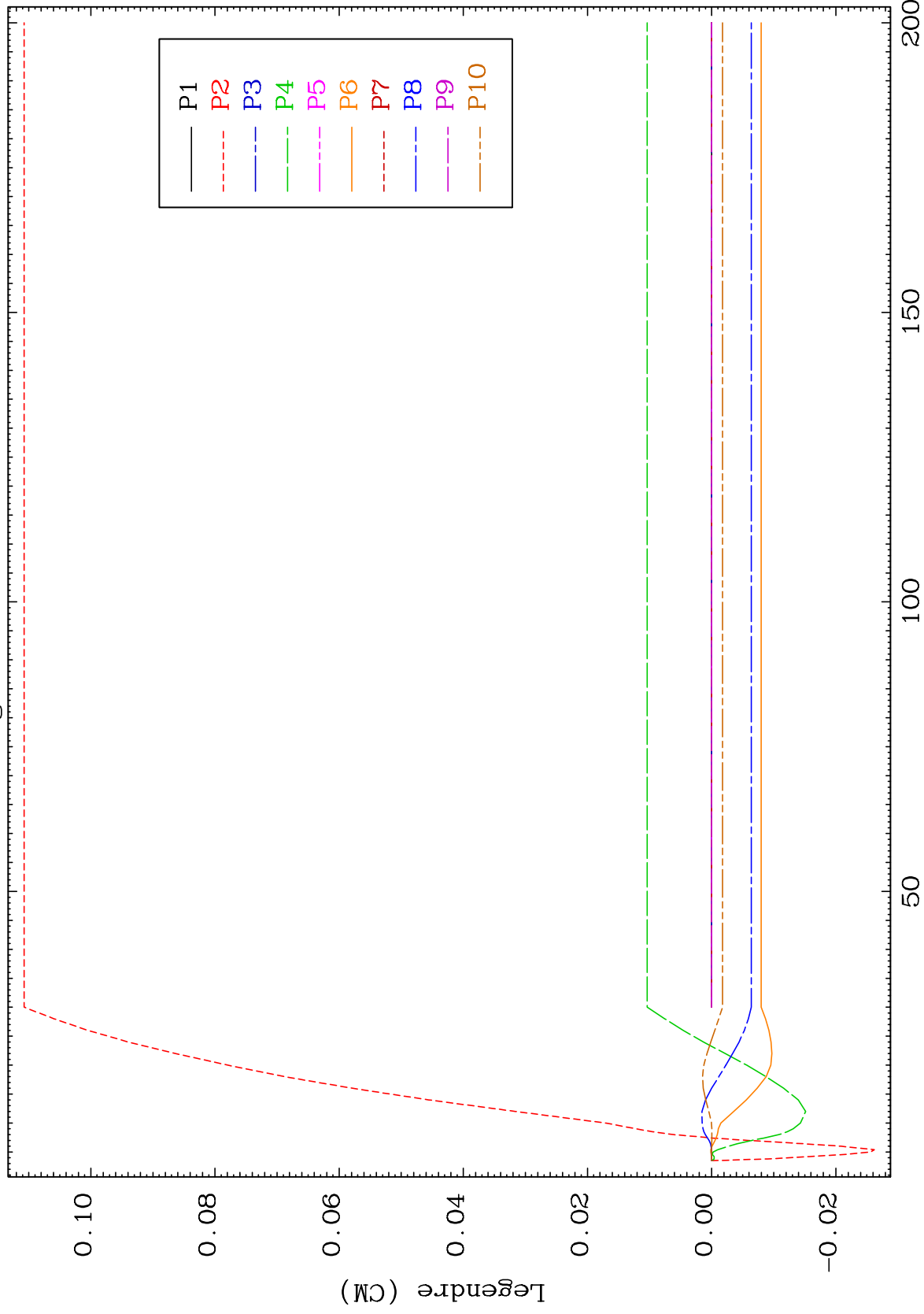




MAT 8237

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

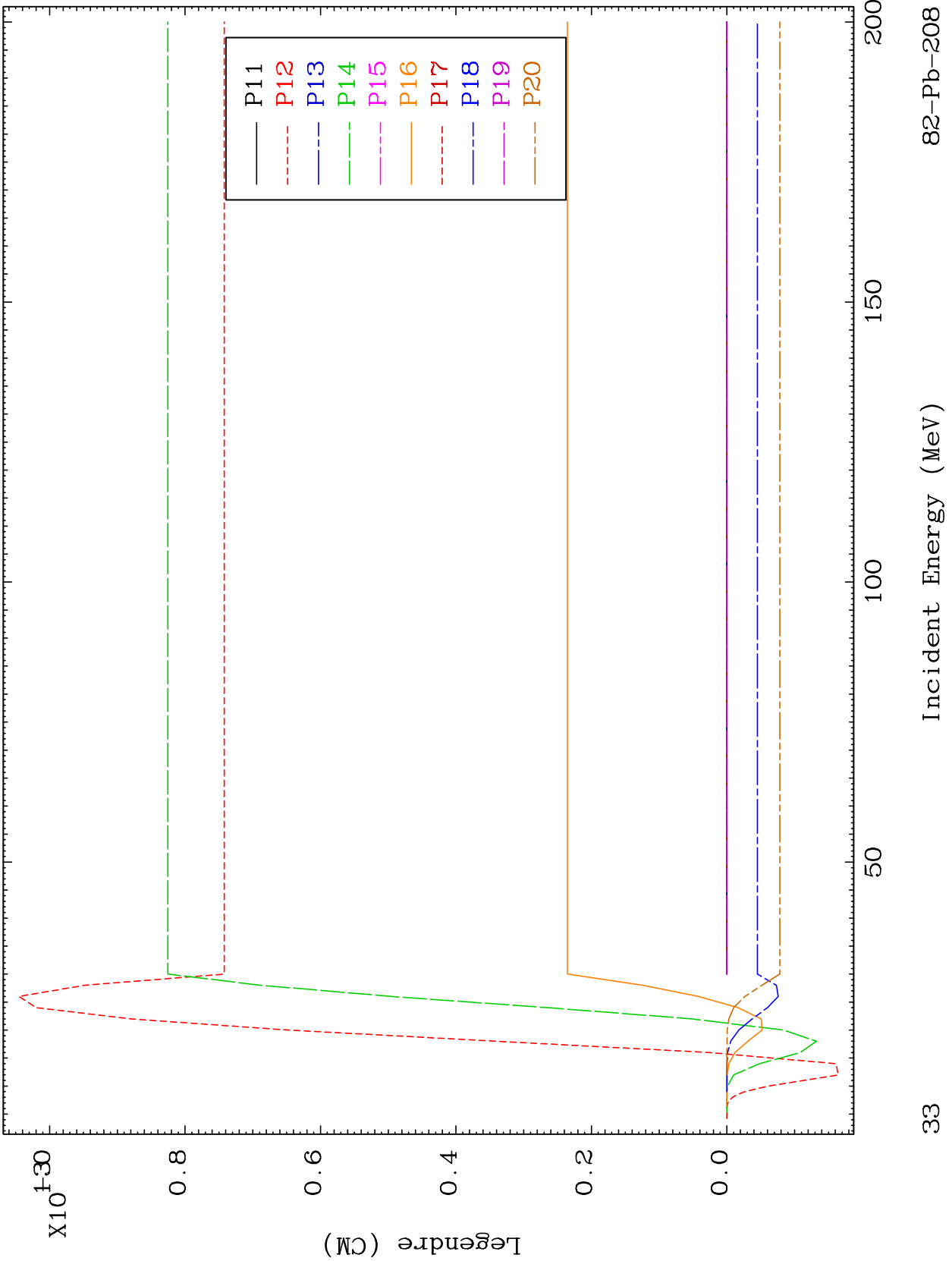
82-Pb-208



32

Incident Energy (MeV)

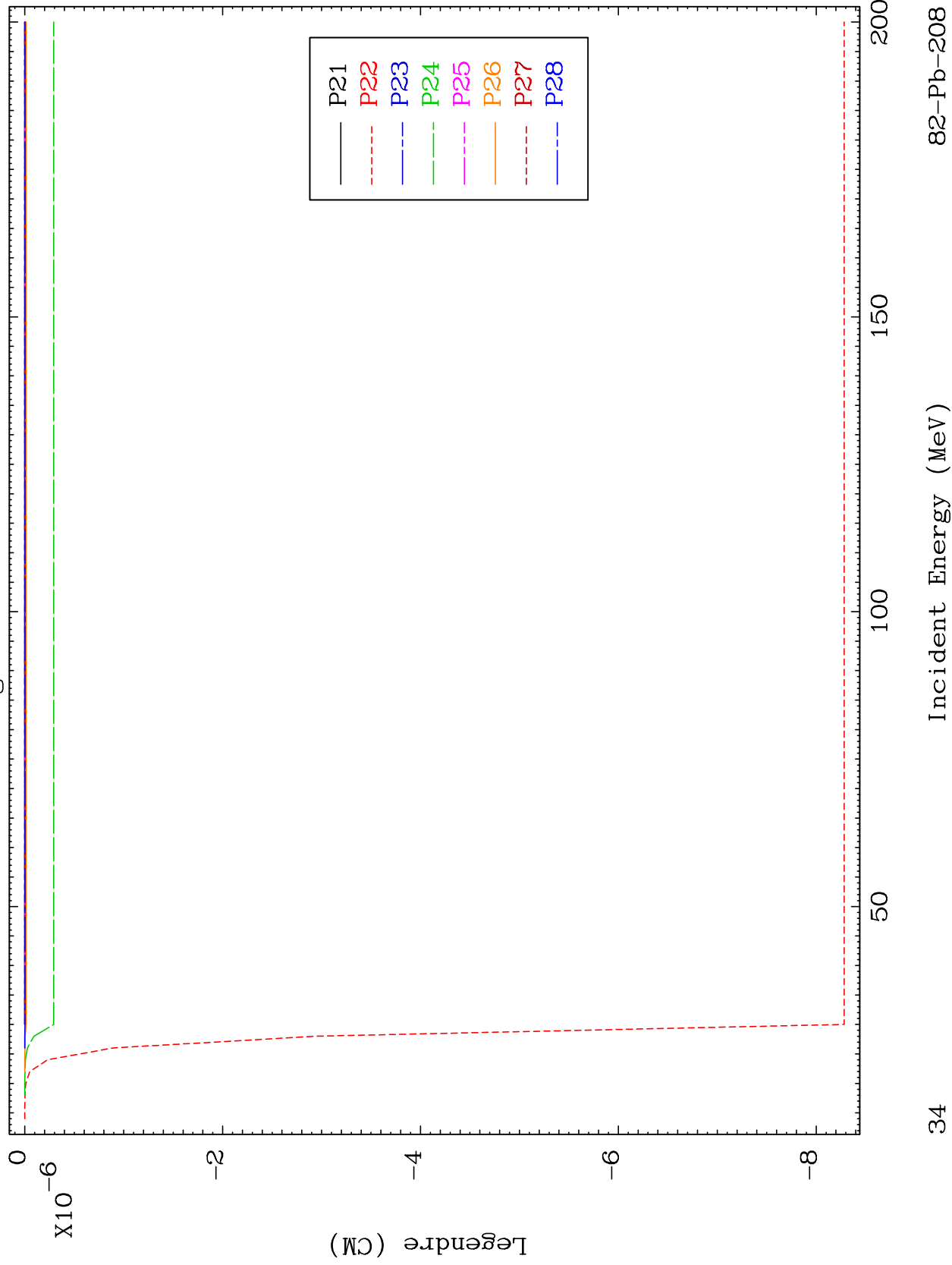
82-Pb-208



MAT 8237

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

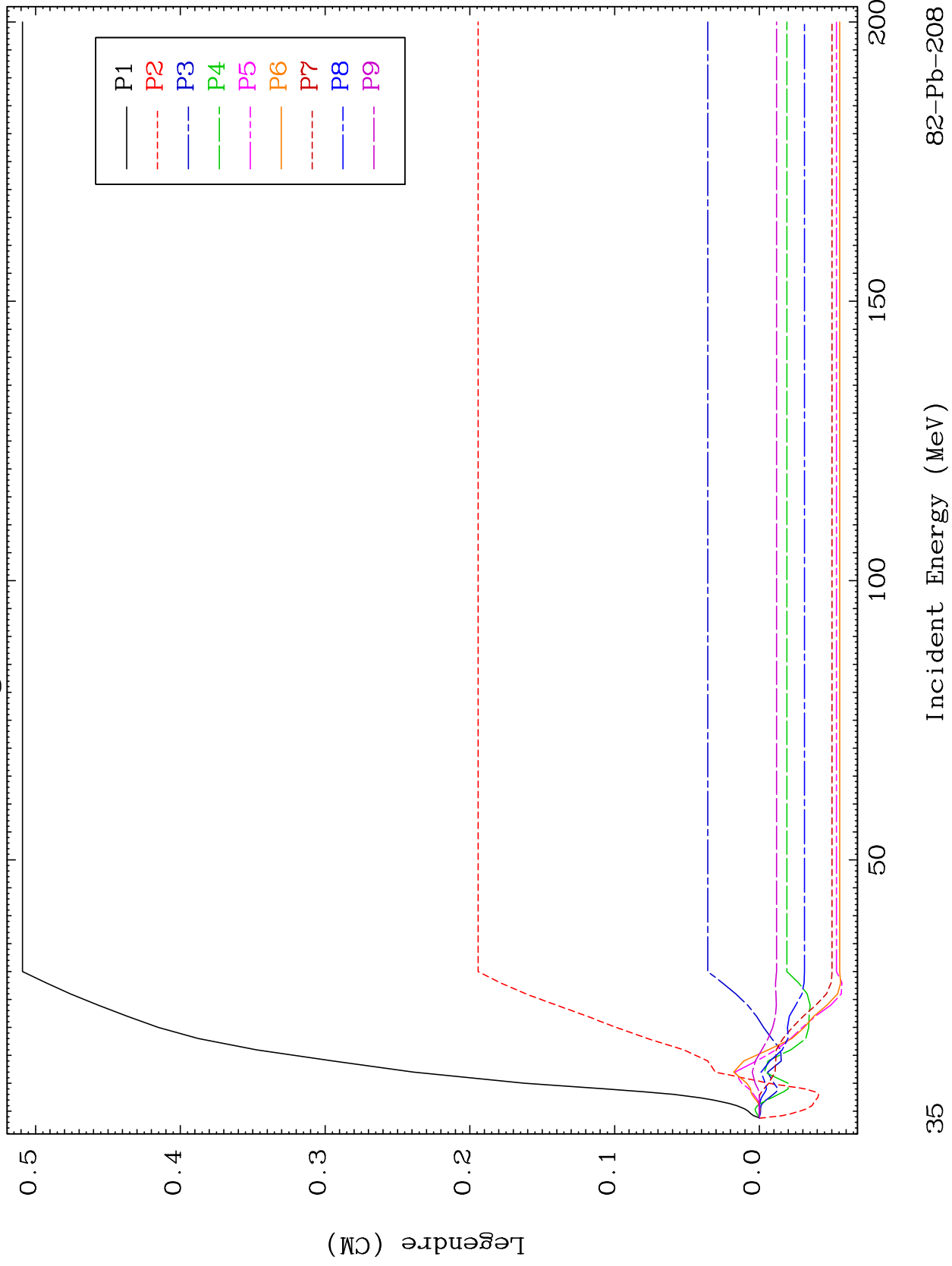
82-Pb-208



MAT 8237

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

82-Pb-208



35

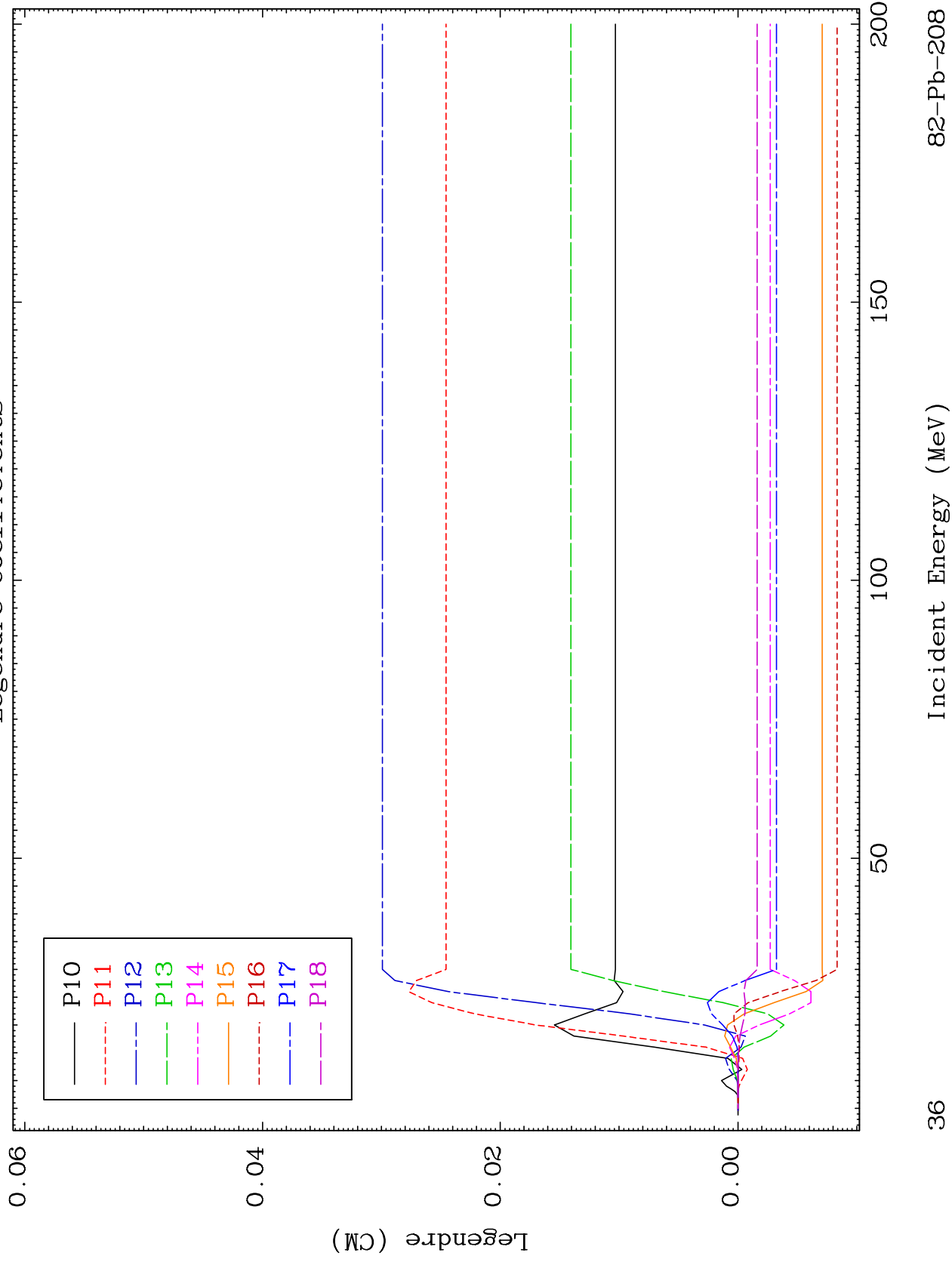
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208

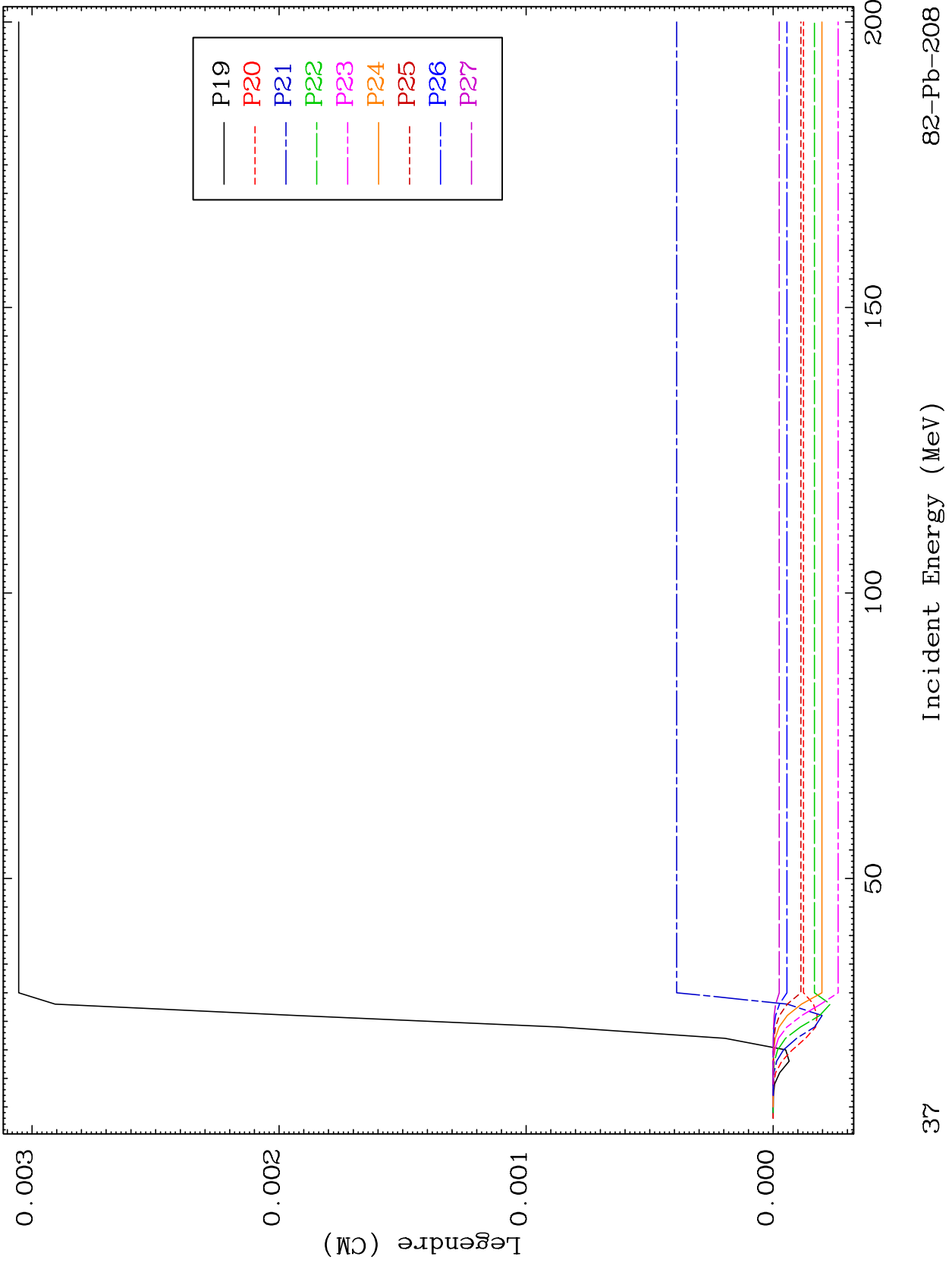


36

MAT 8237

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

82-Pb-208

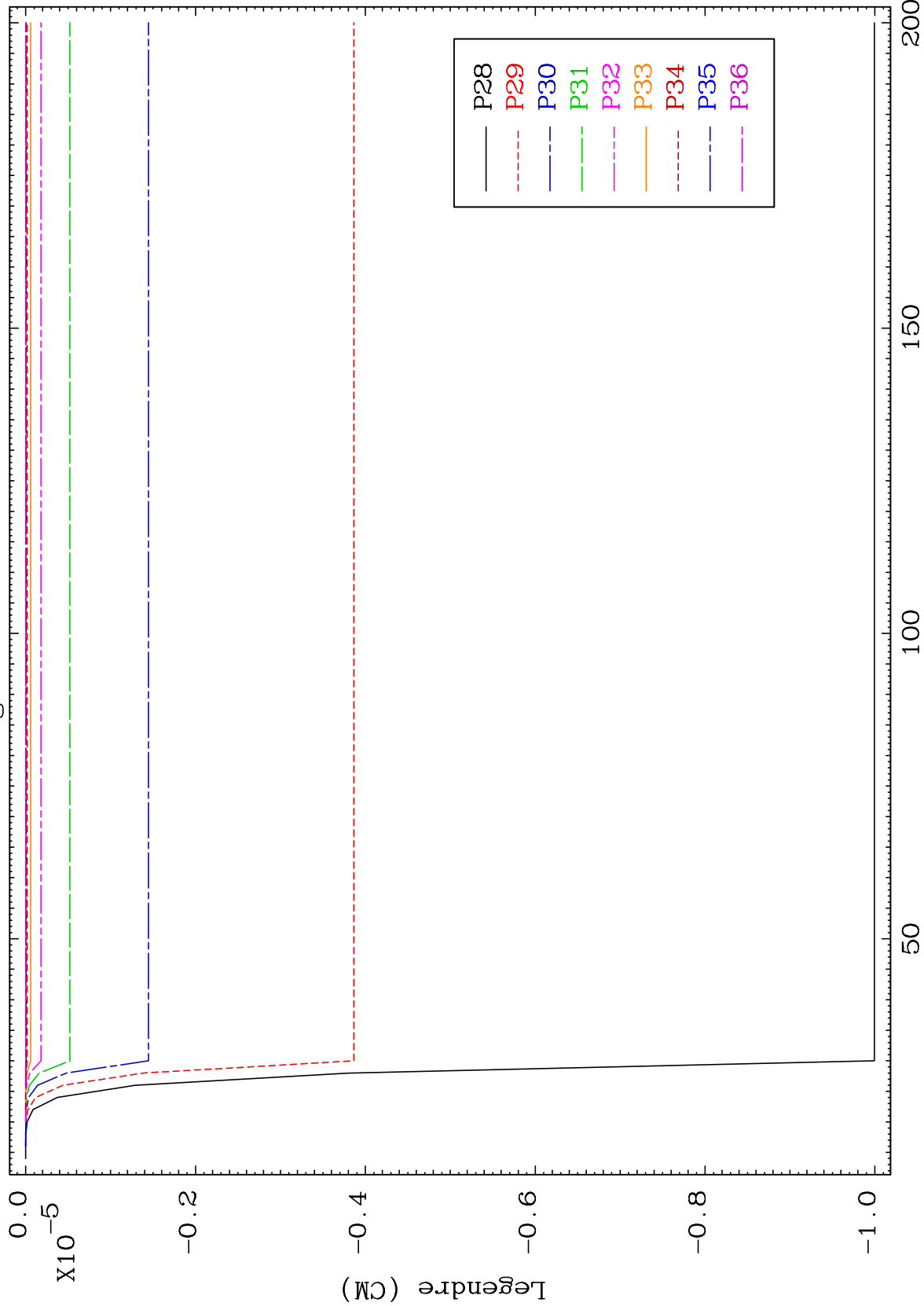


MAT 8237

MT= 54 (n,n') Level

82-Pb-208

Legendre Coefficients



38

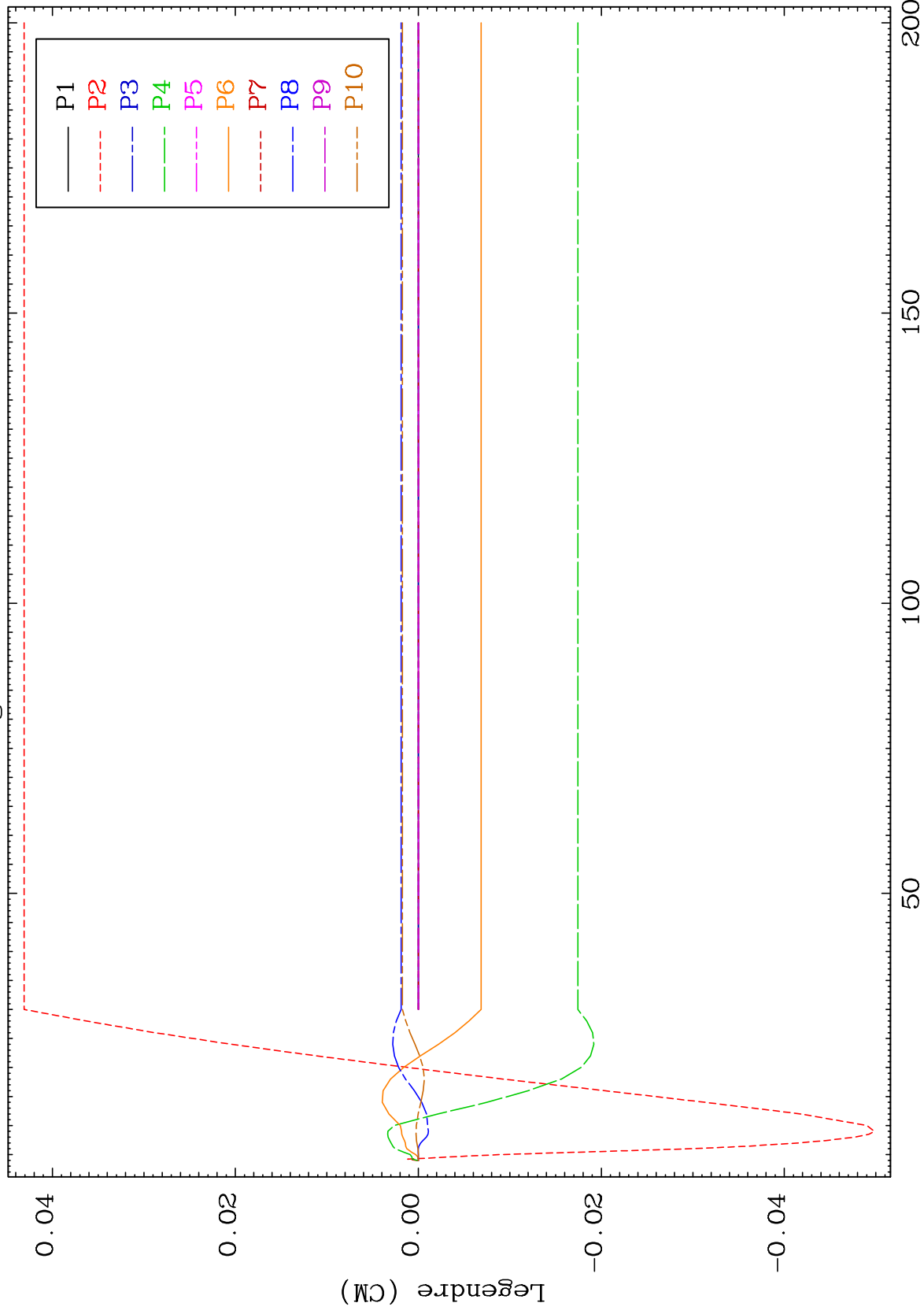
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



39

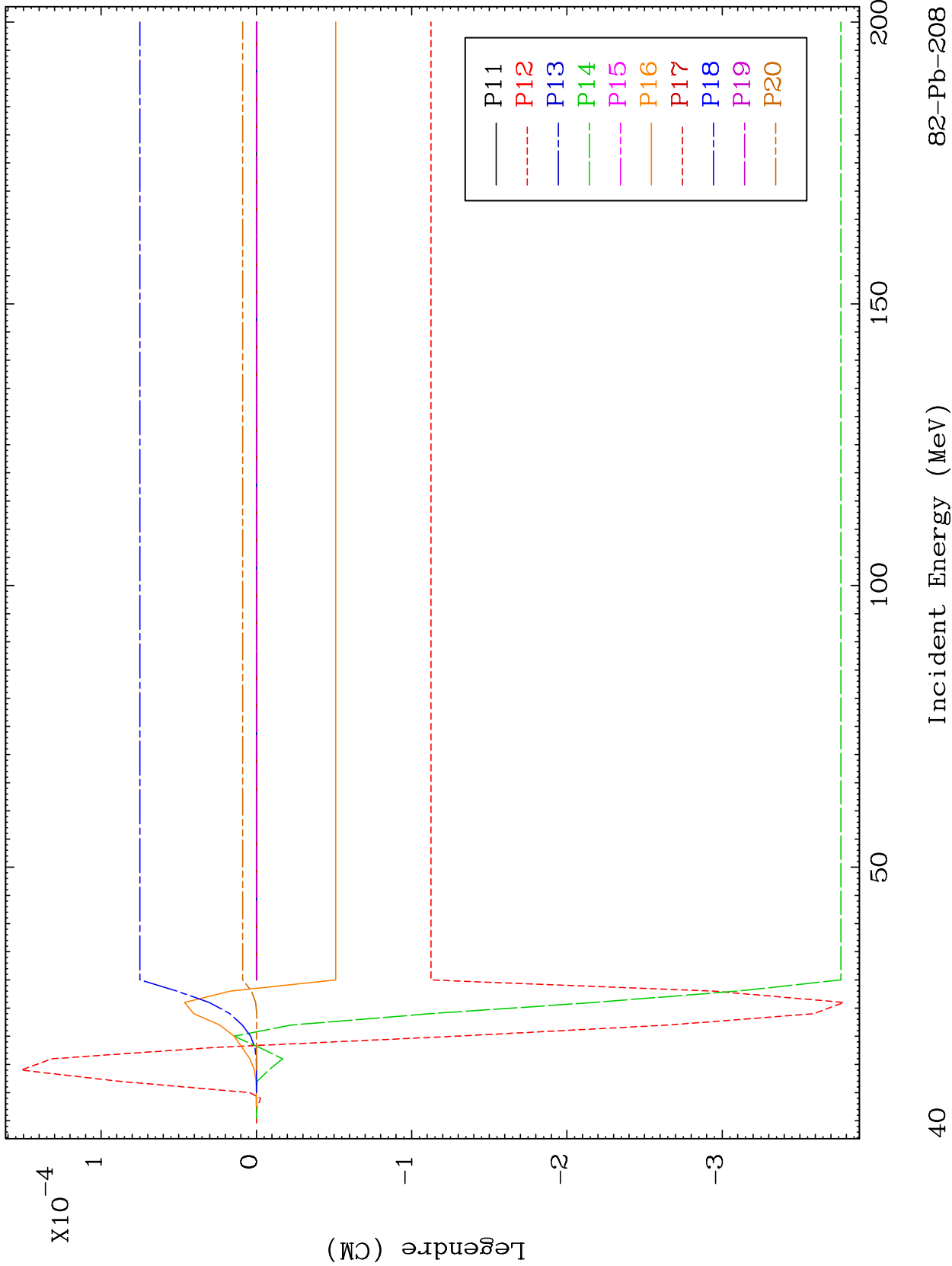
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



82-Pb-208

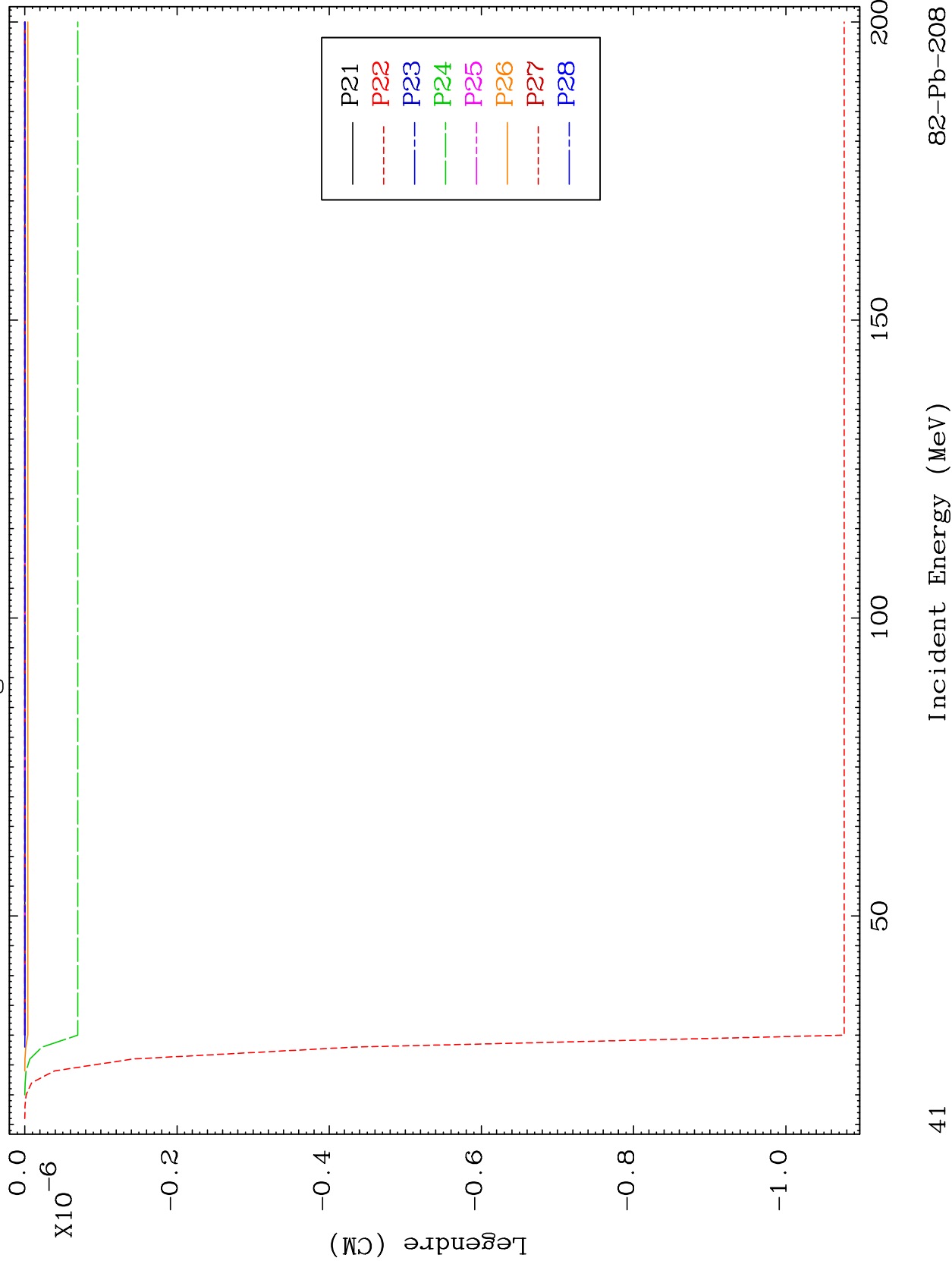
Incident Energy (MeV)

40

MAT 8237

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

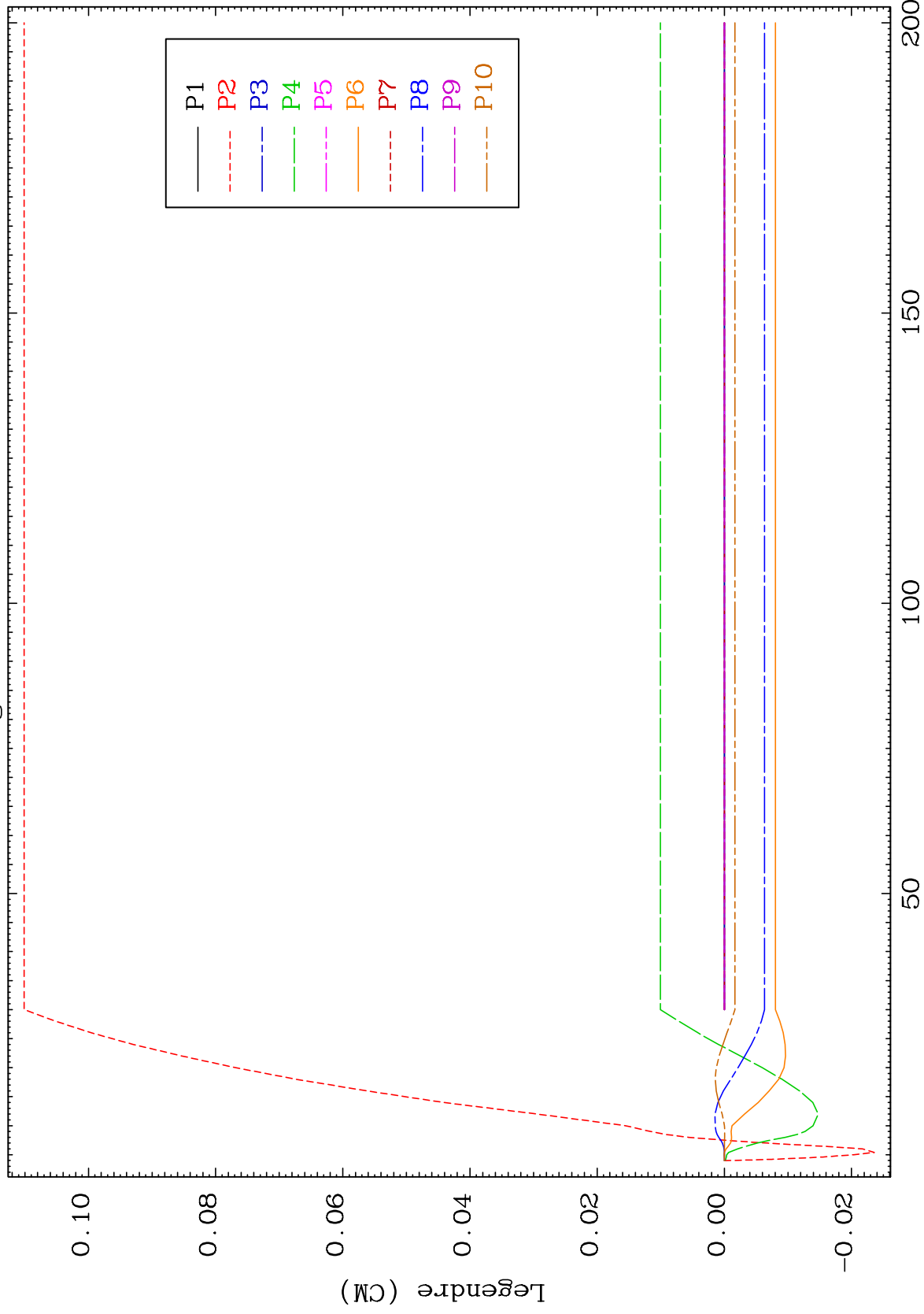
82-Pb-208



MAT 8237

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

82-Pb-208



42

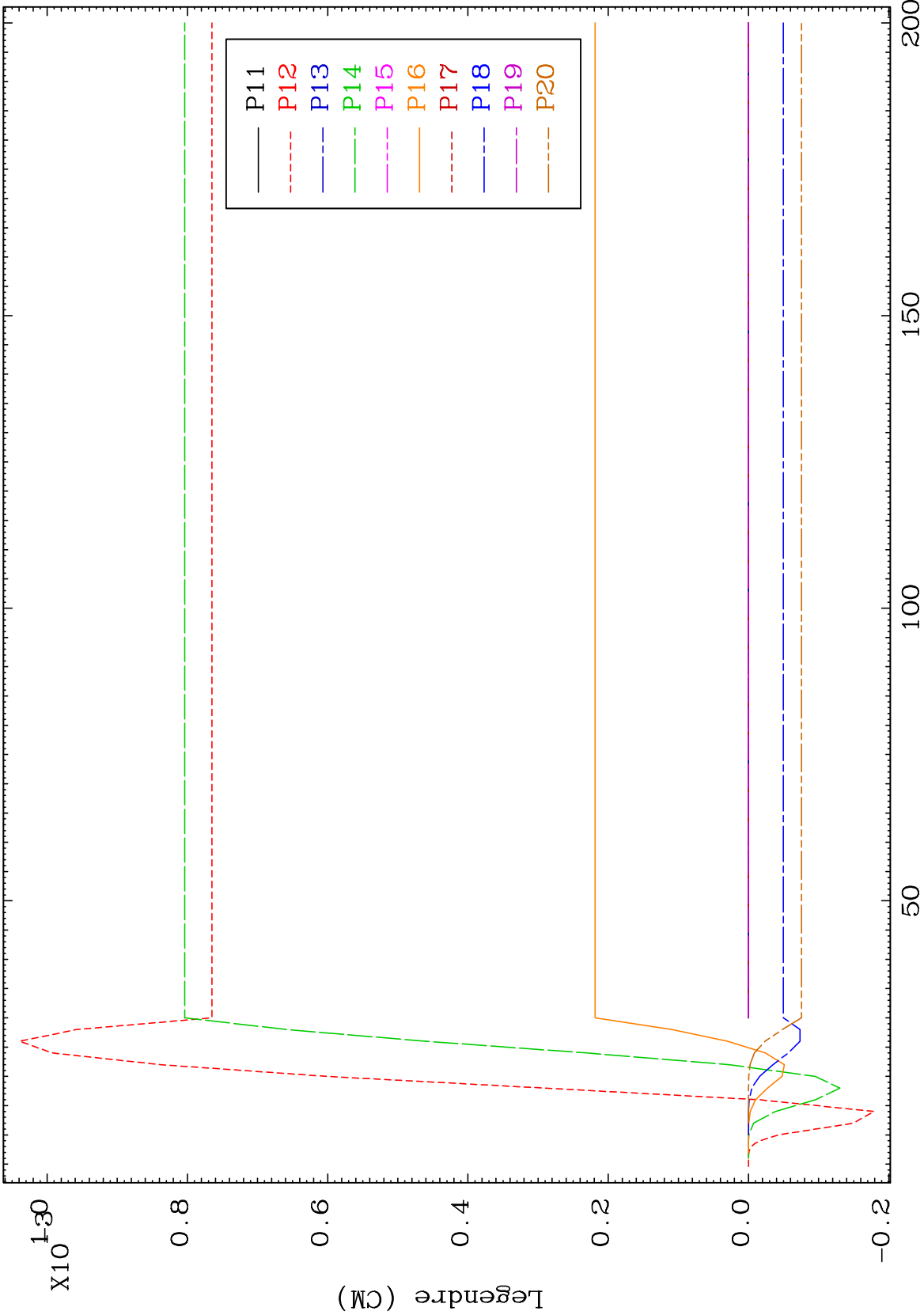
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



43

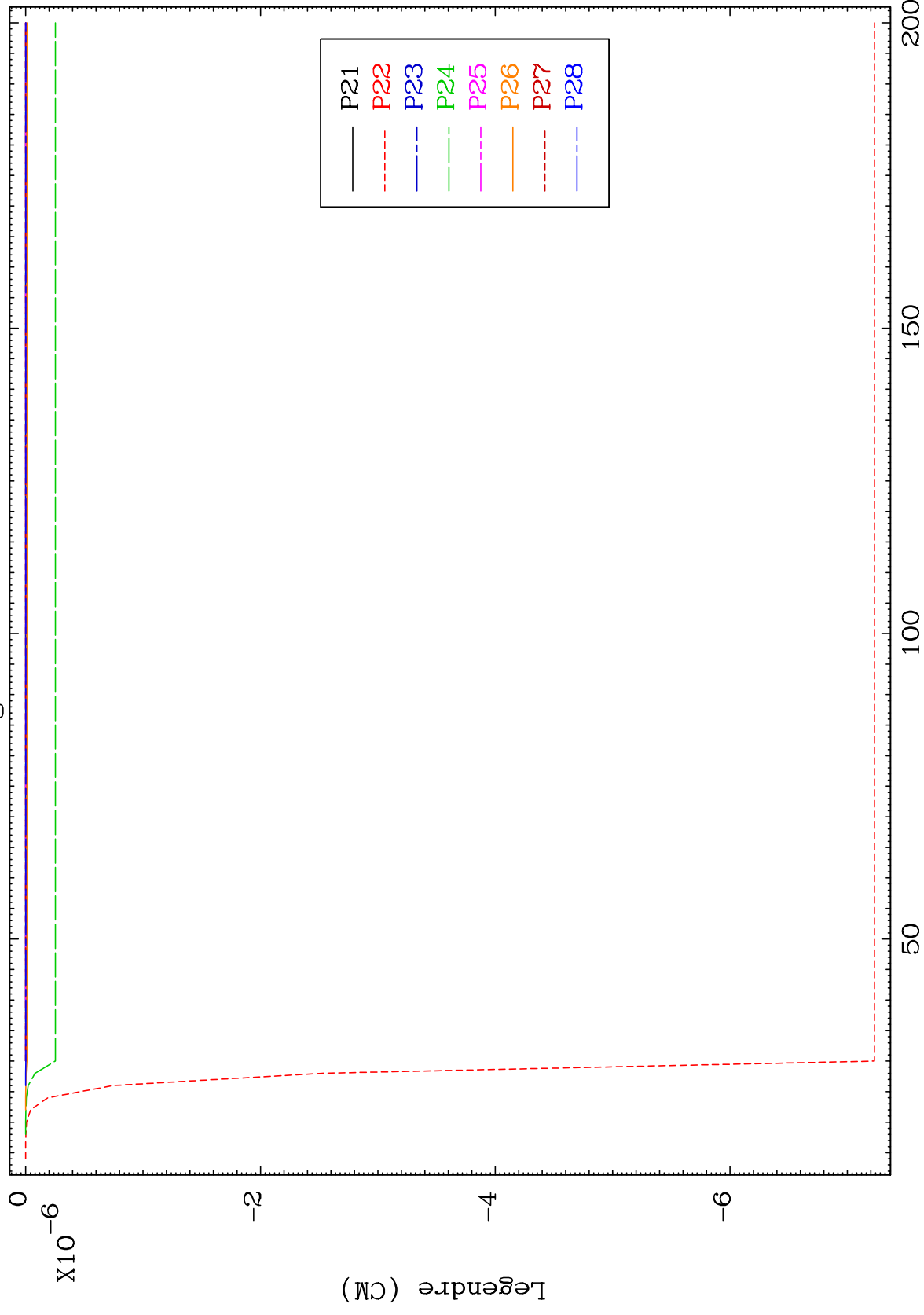
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



44

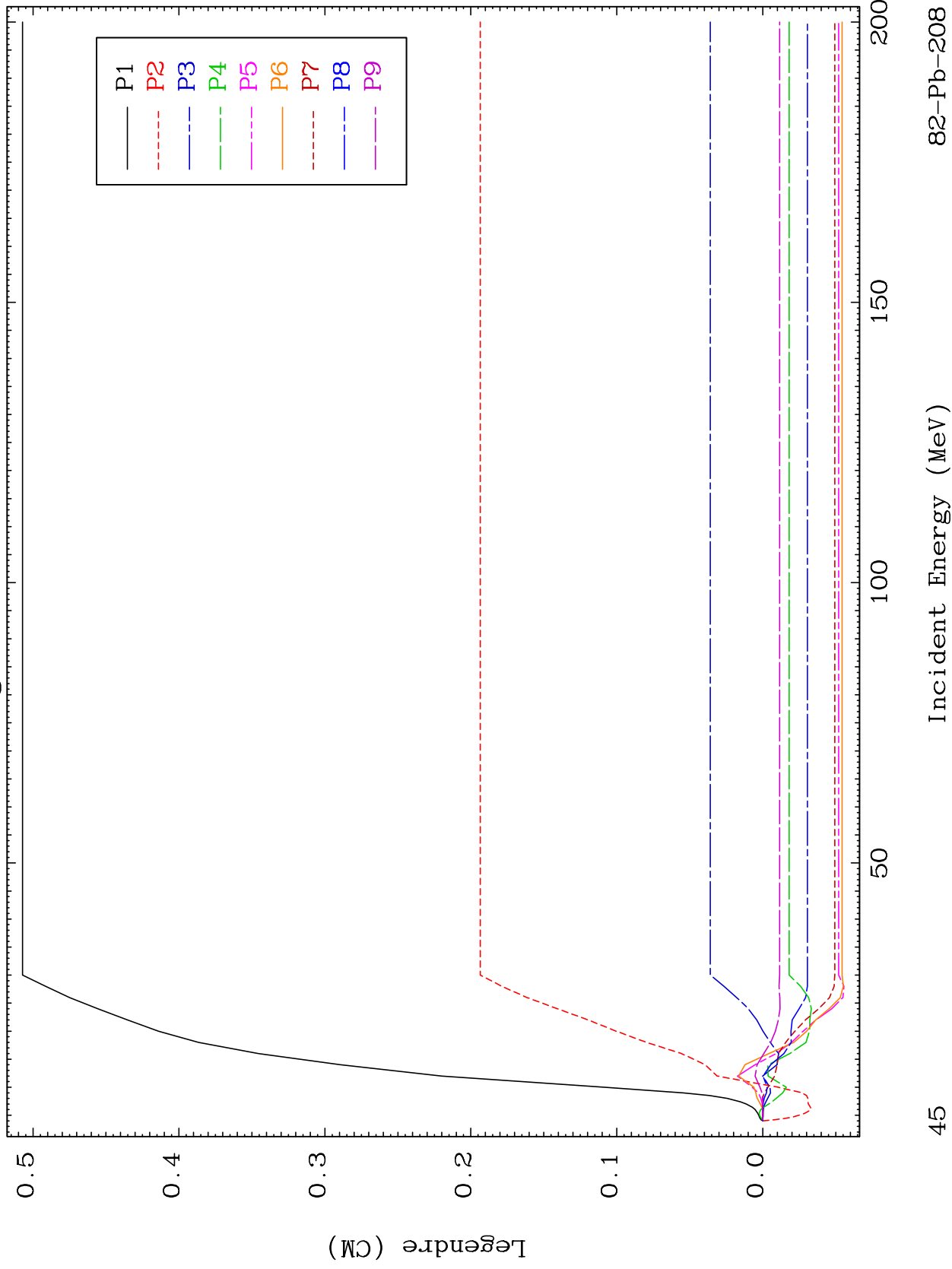
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



45

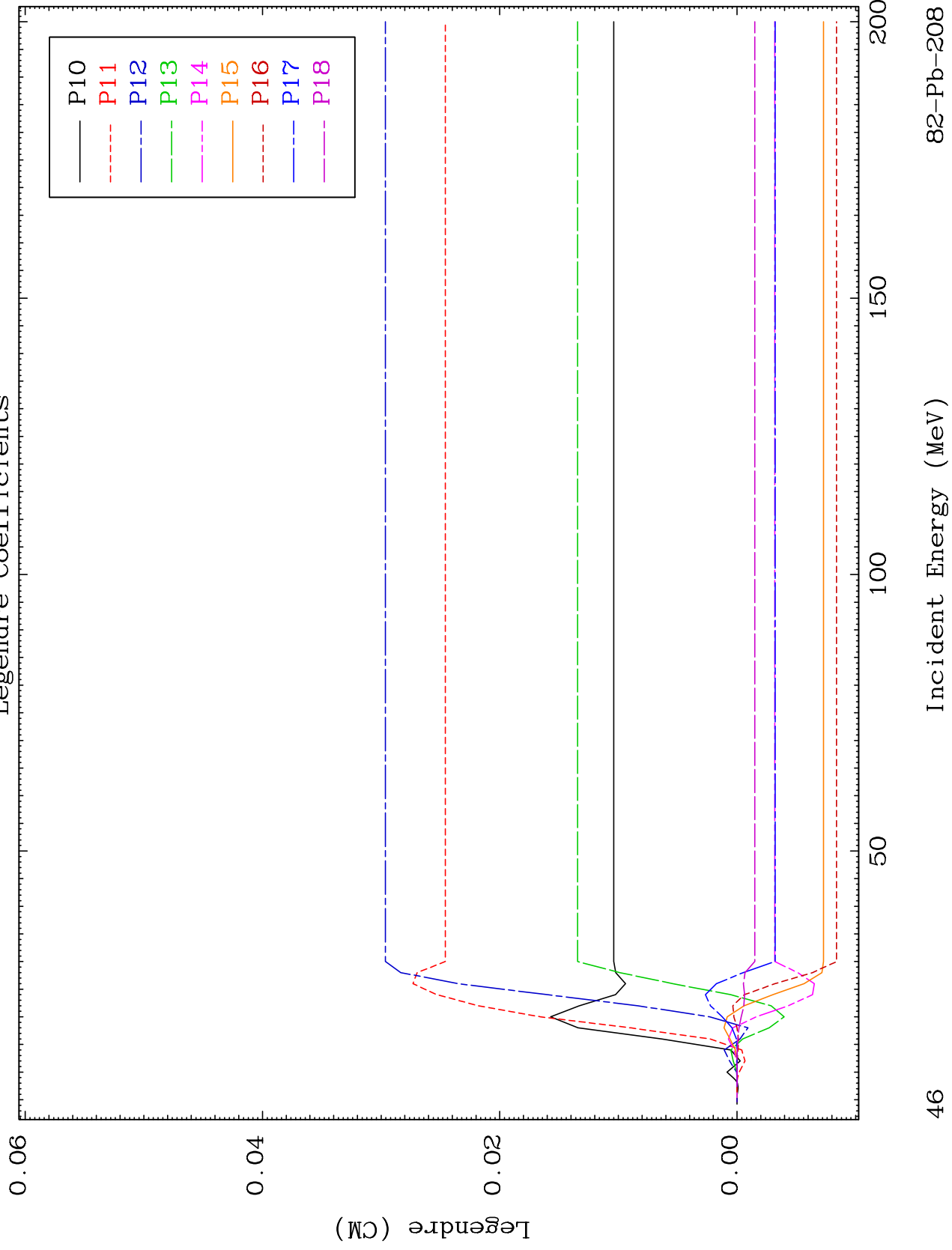
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



46

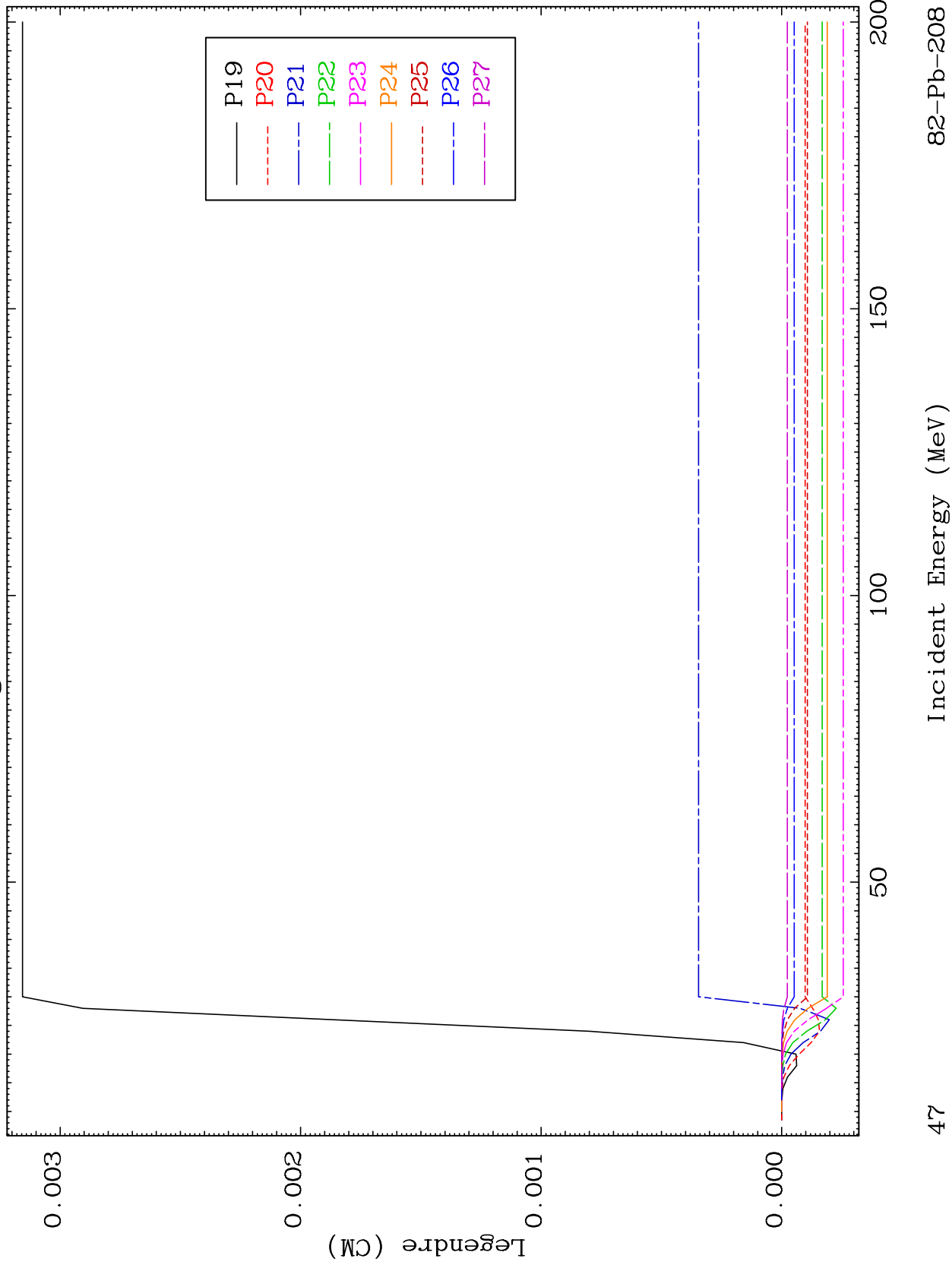
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

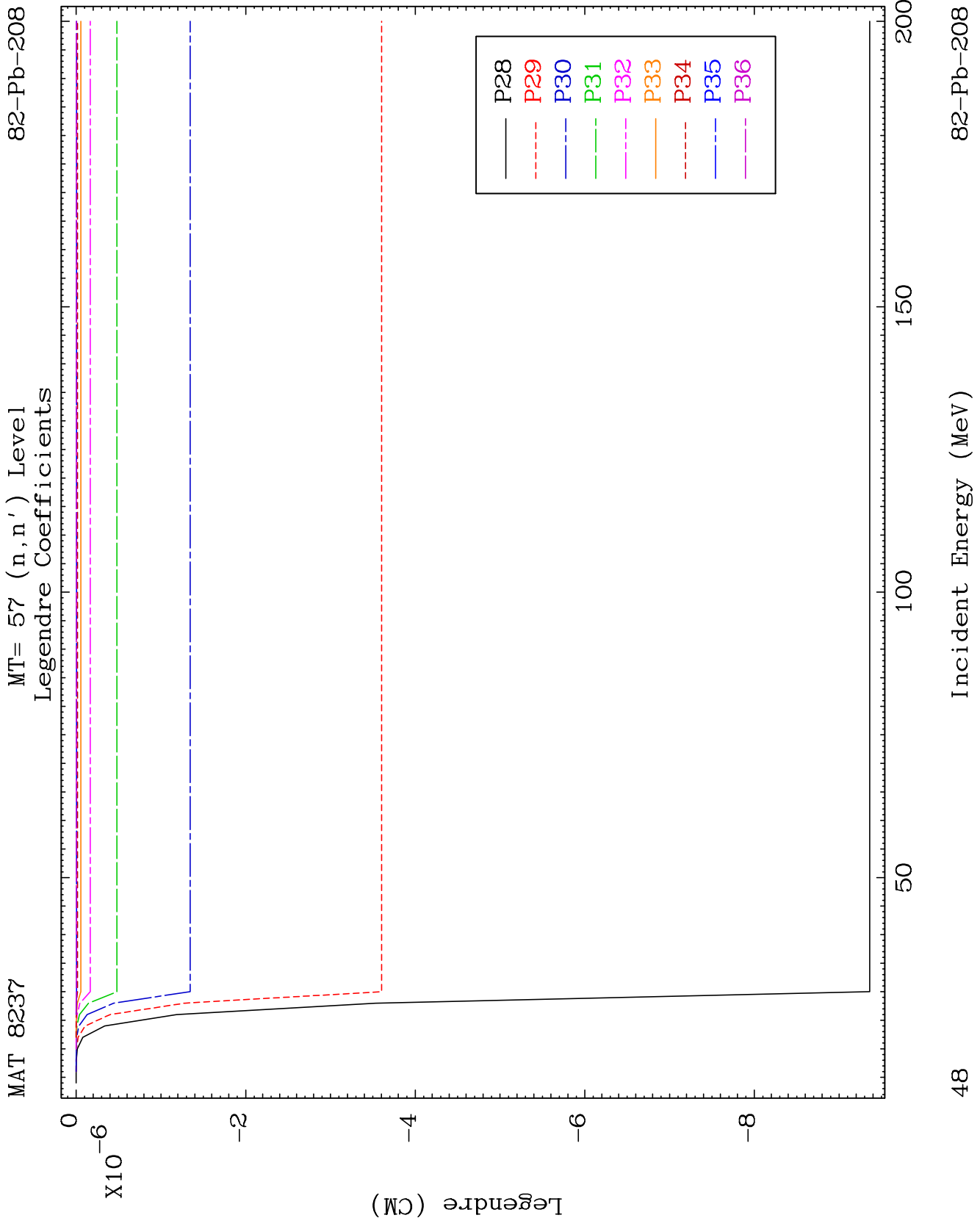
82-Pb-208



47

Incident Energy (MeV)

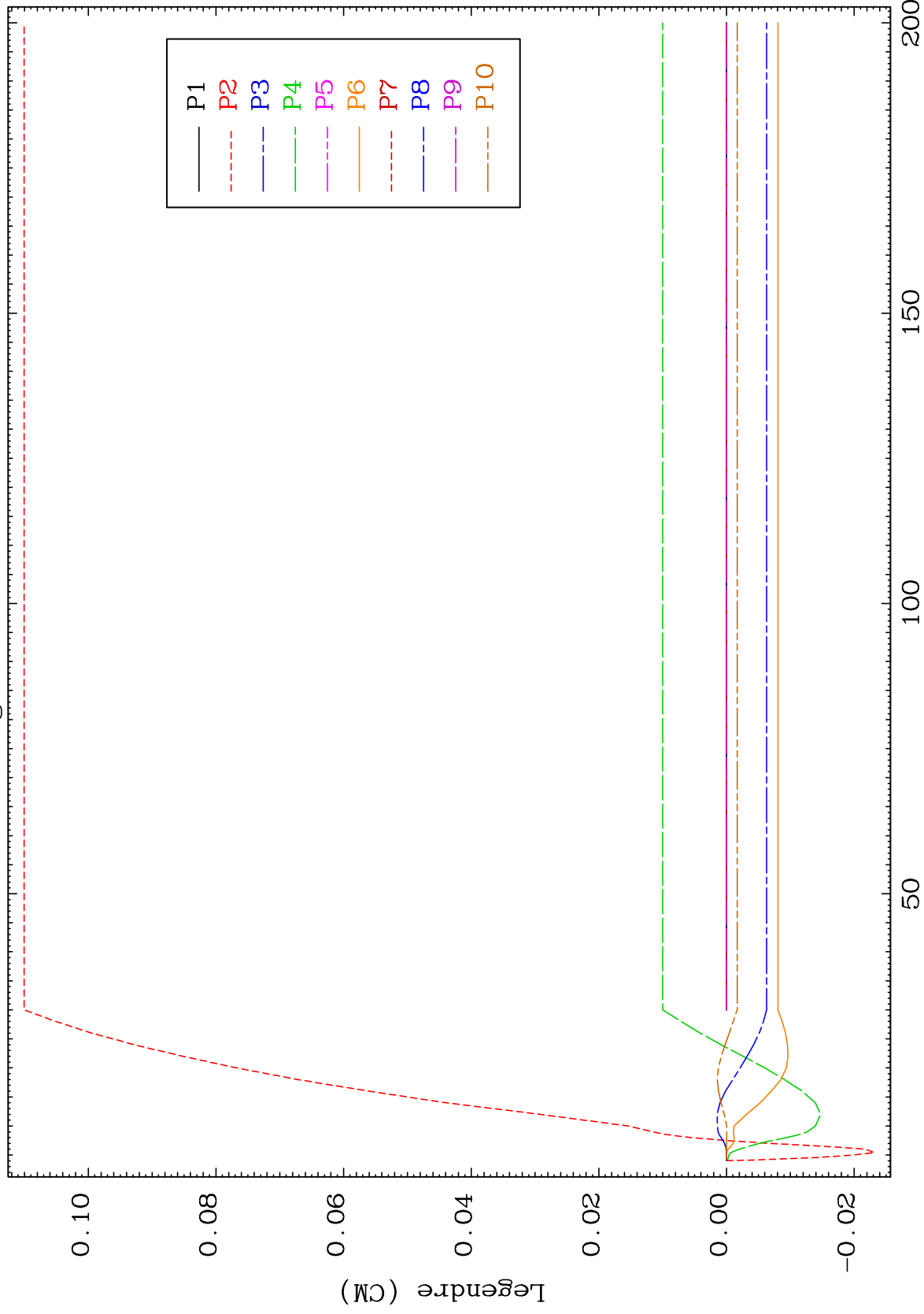
82-Pb-208



MAT 8237

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

82-Pb-208



49

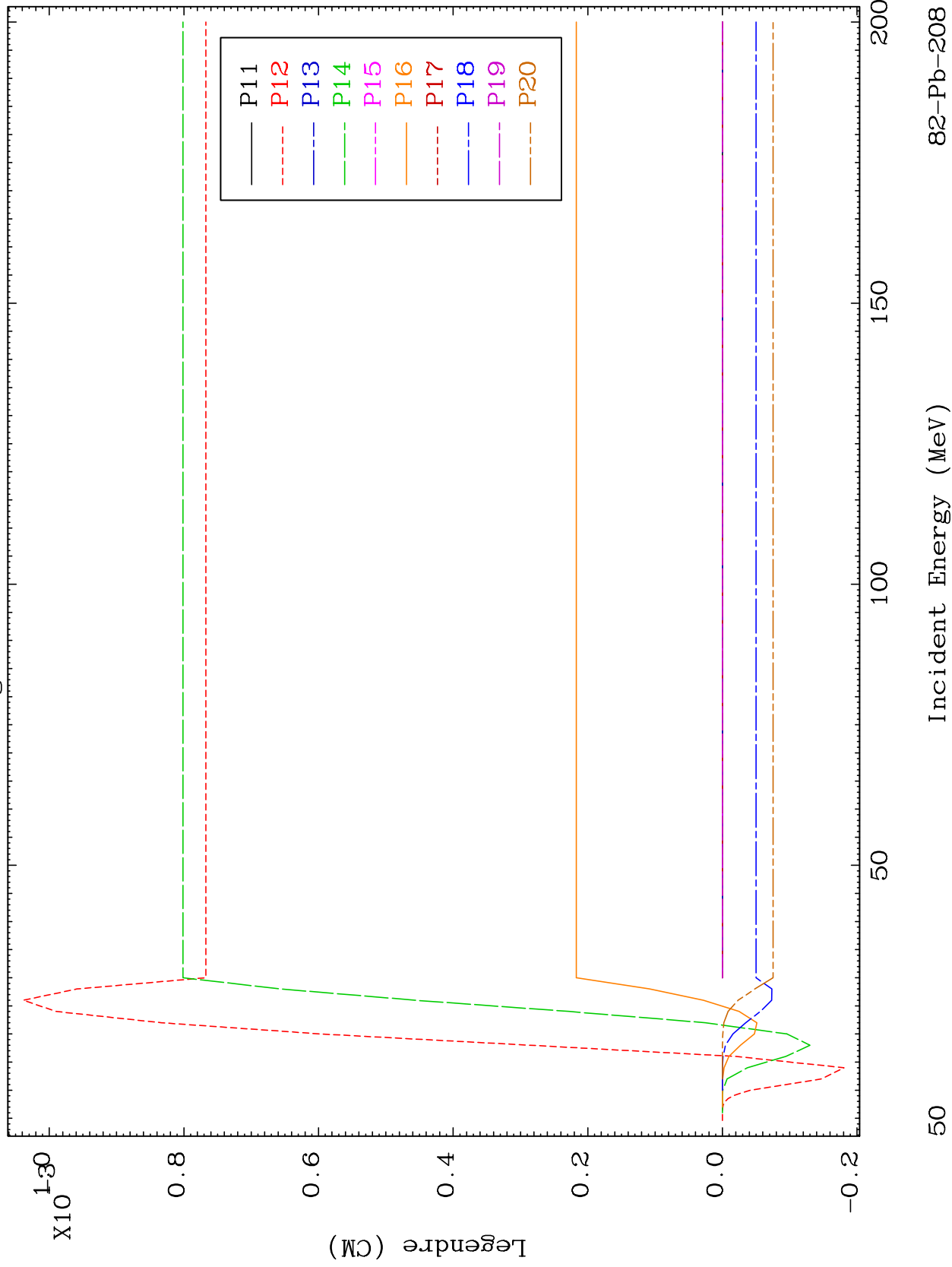
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

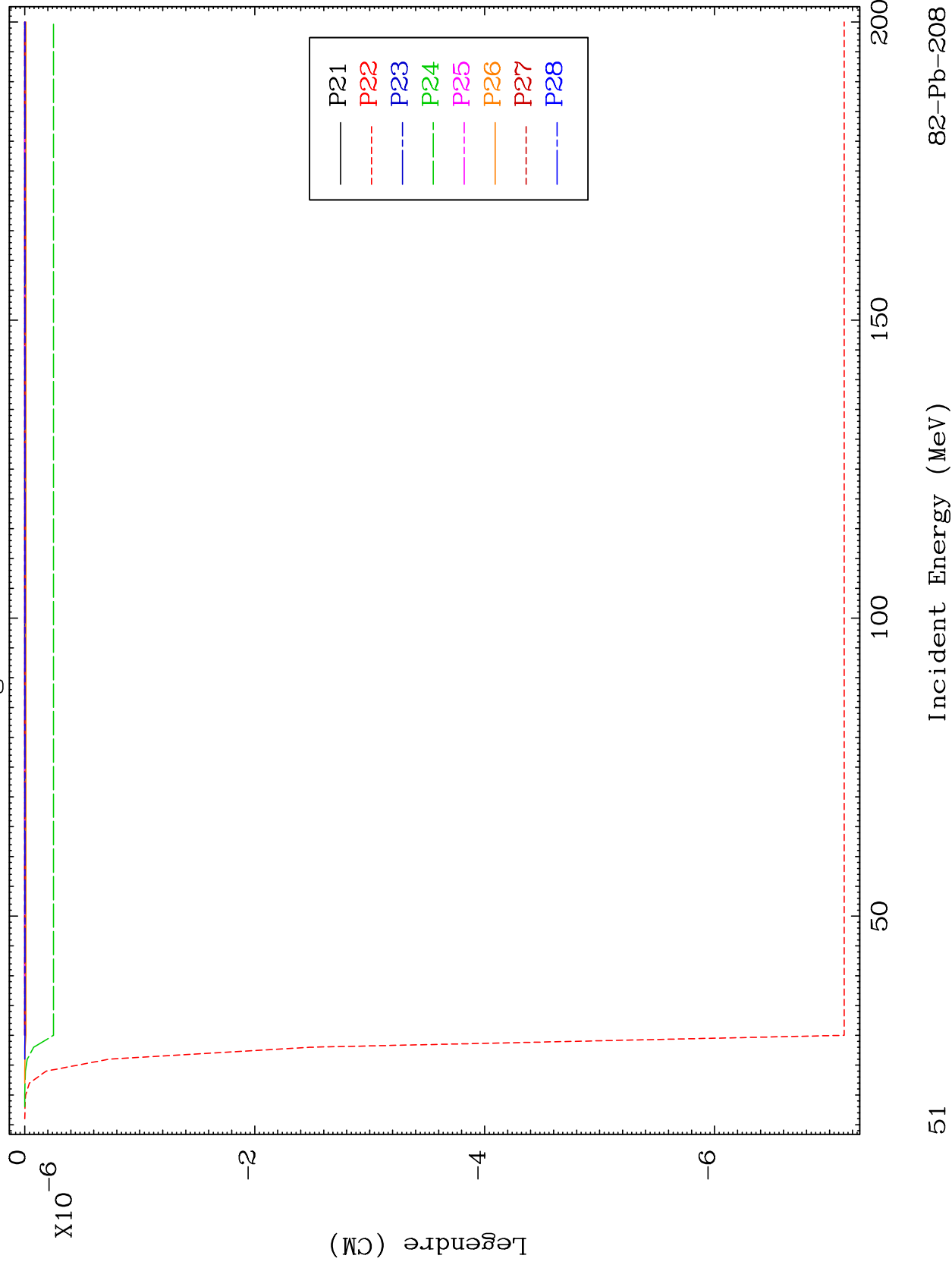
82-Pb-208



MAT 8237

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

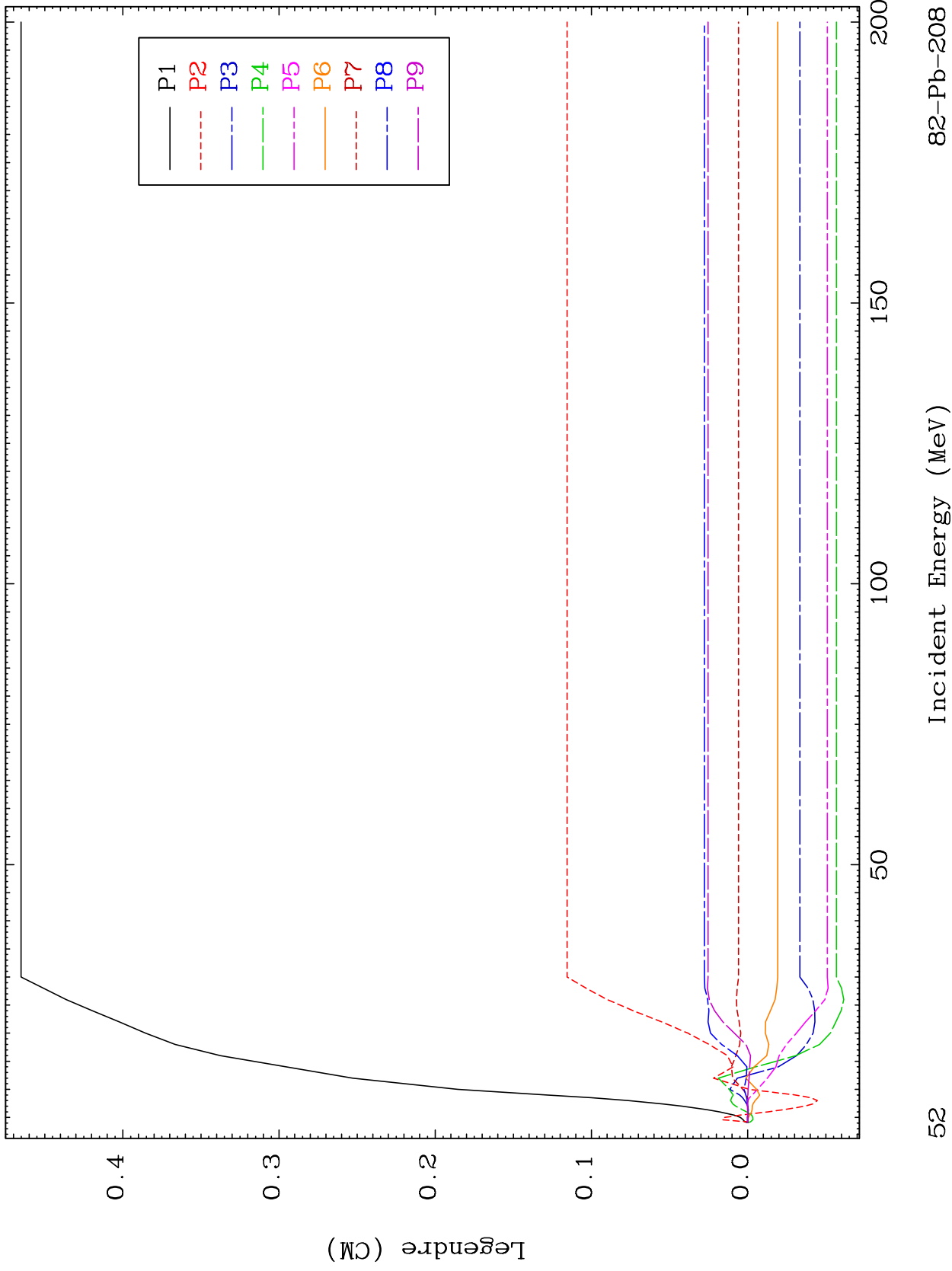
82-Pb-208



MAT 8237

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

82-Pb-208



52

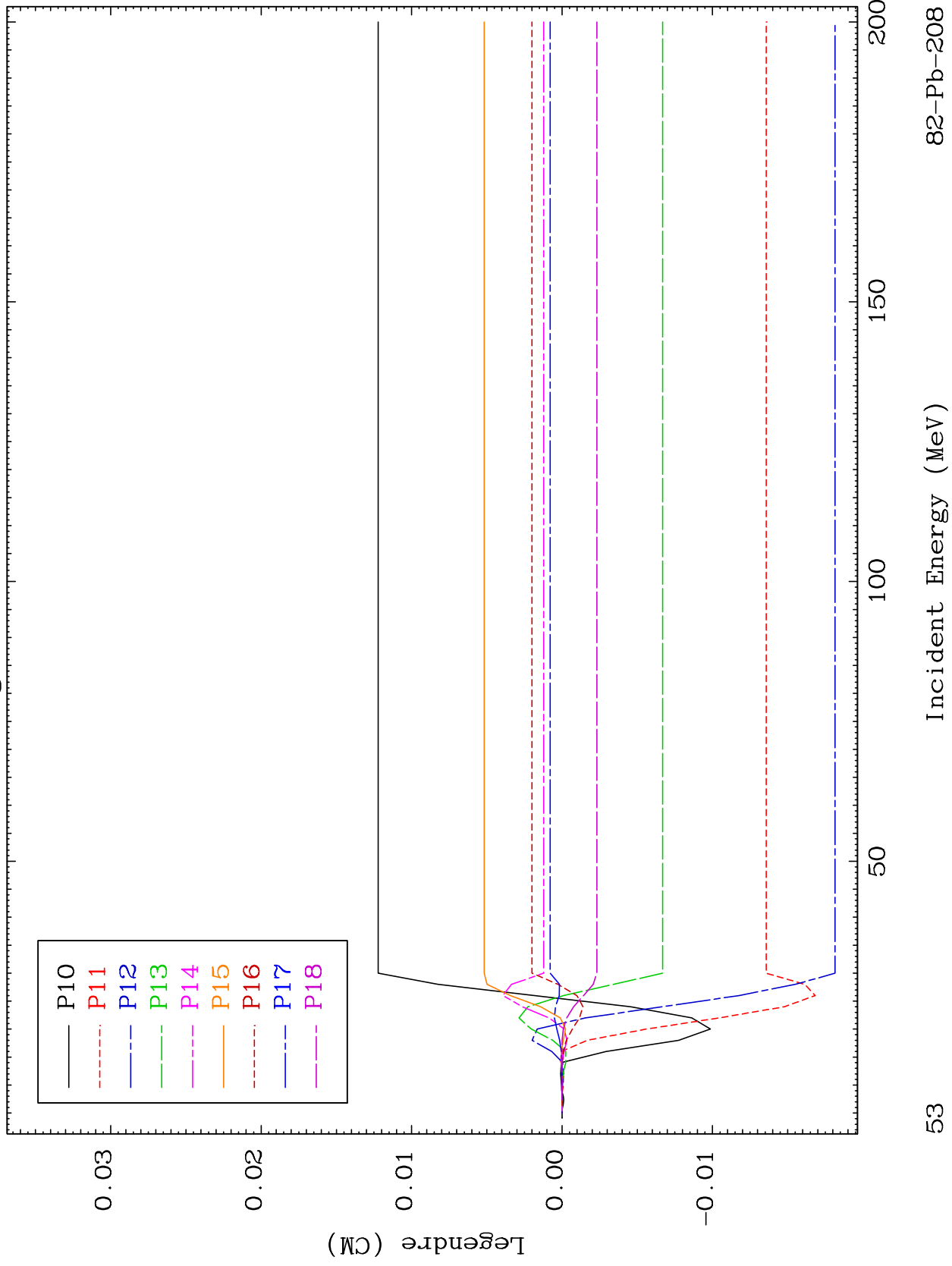
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

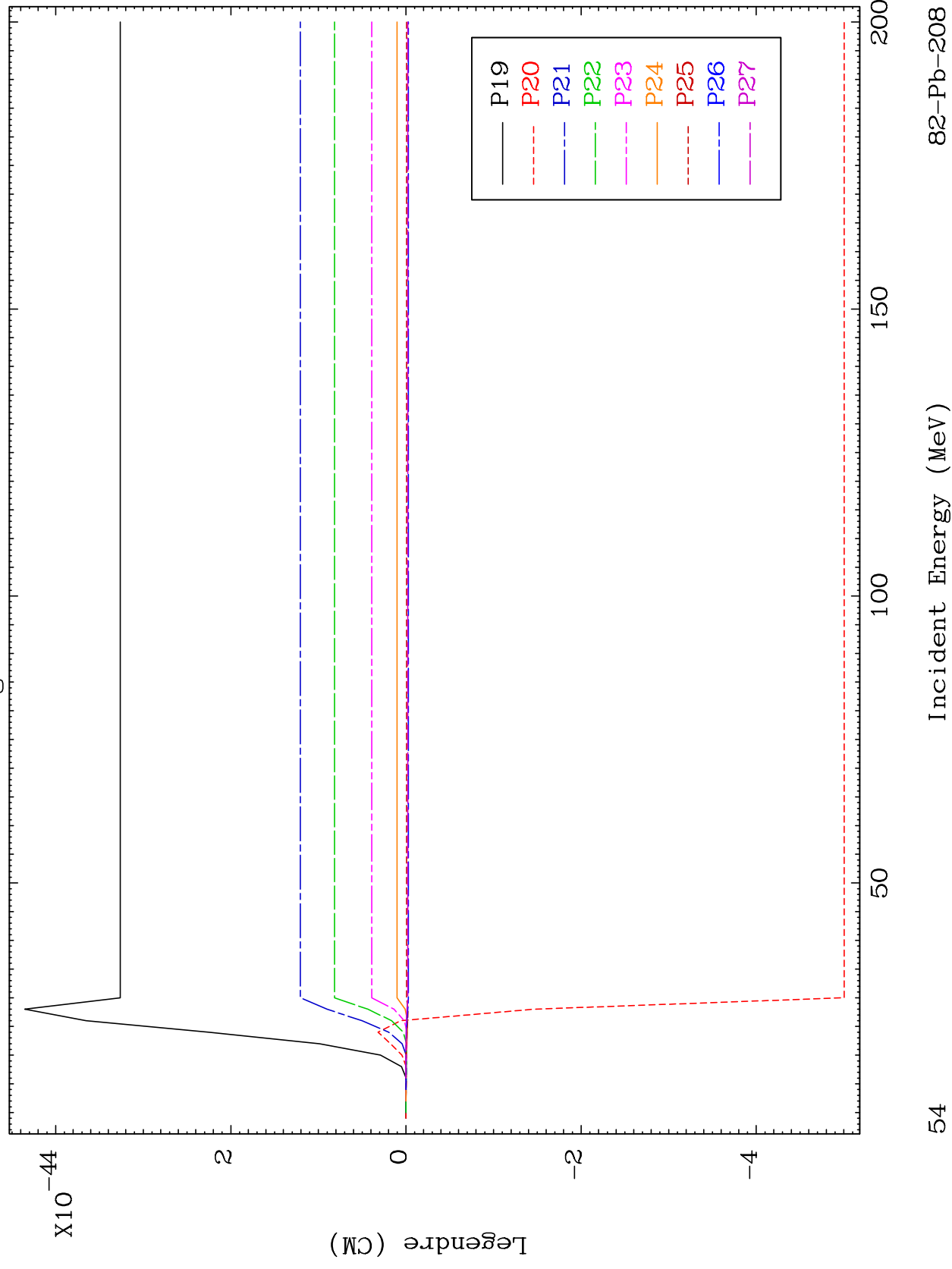
82-Pb-208



MAT 8237

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

82-Pb-208



54

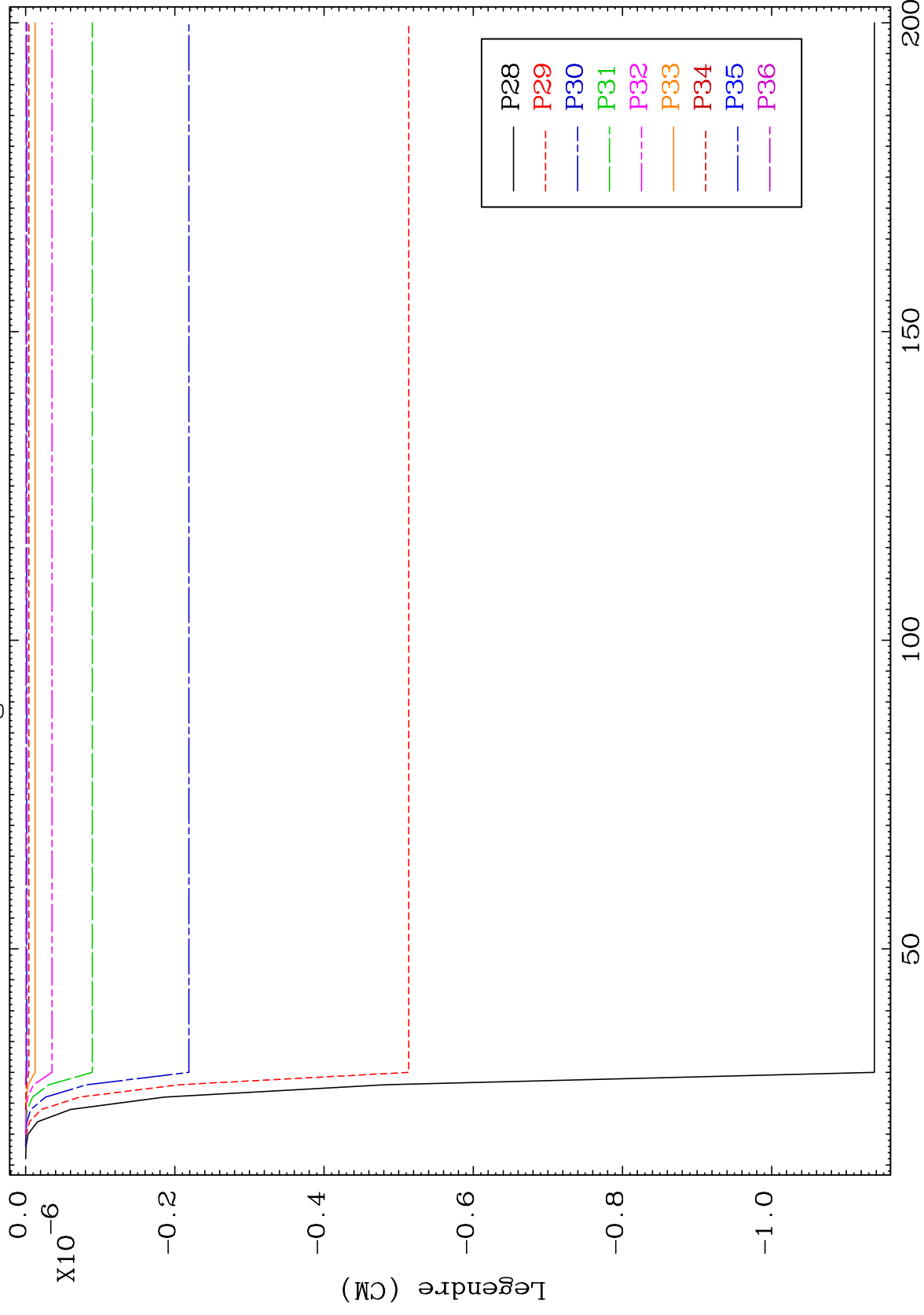
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



55

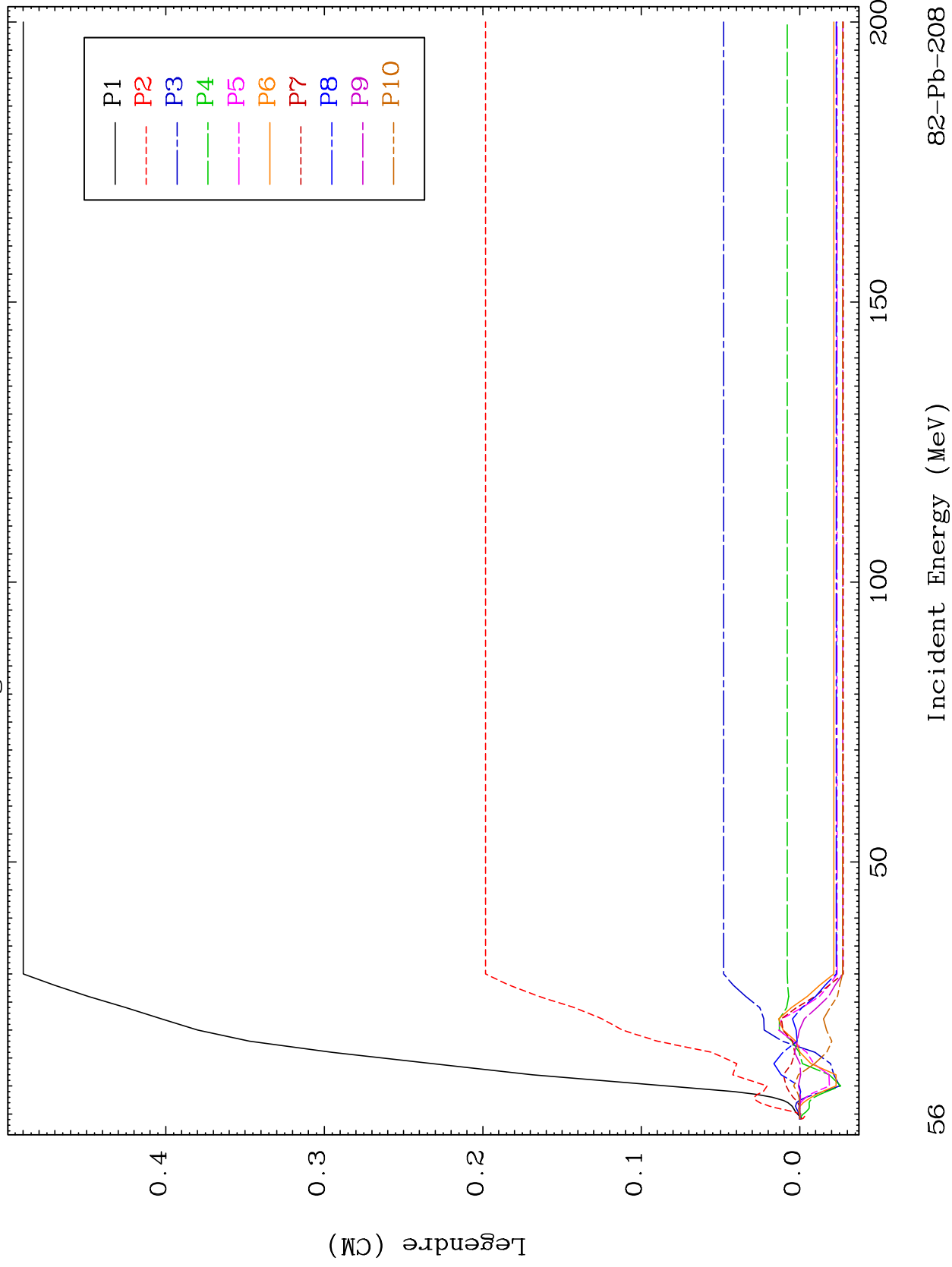
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



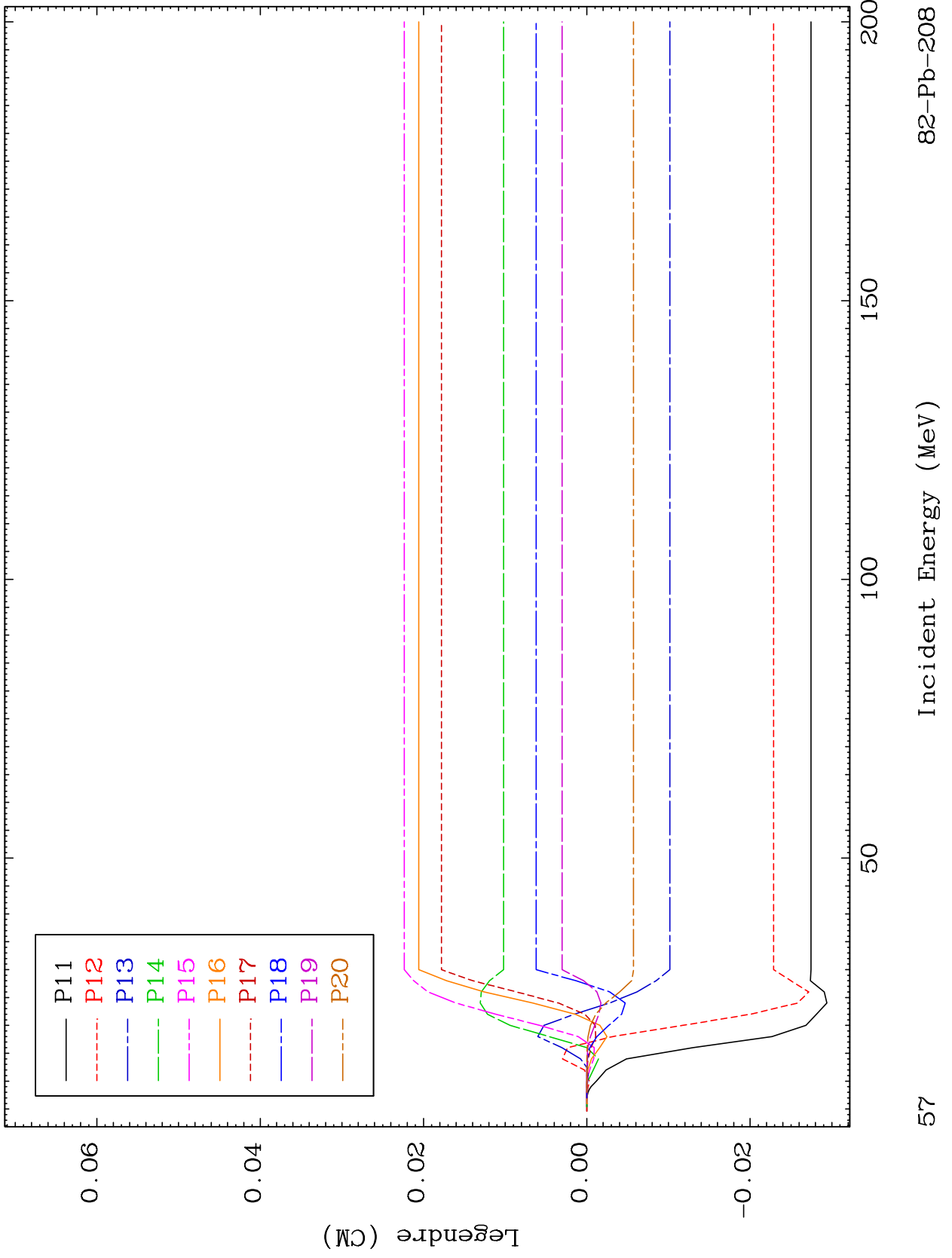
56

82-Pb-208

MAT 8237

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

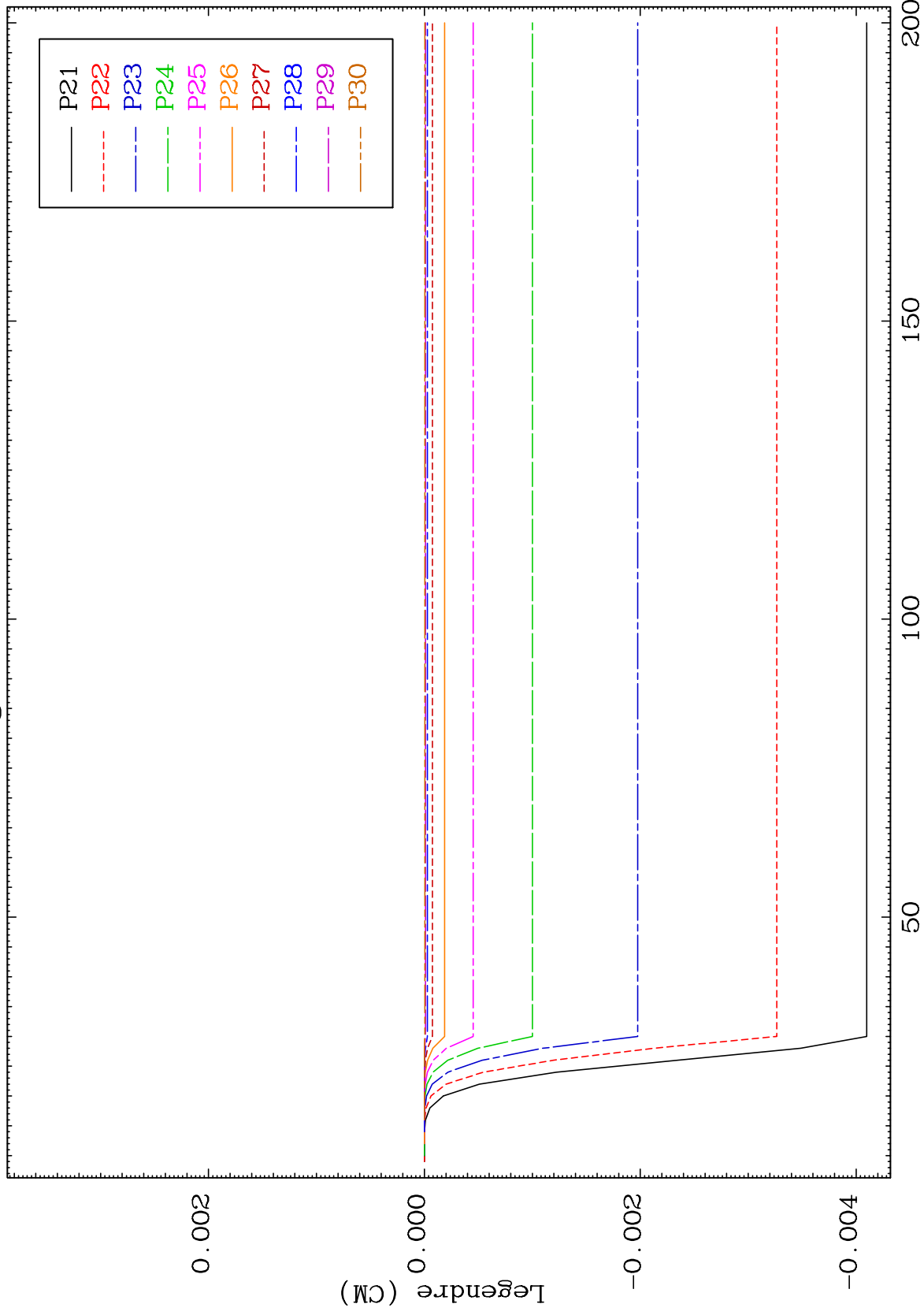
82-Pb-208



MAT 8237

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

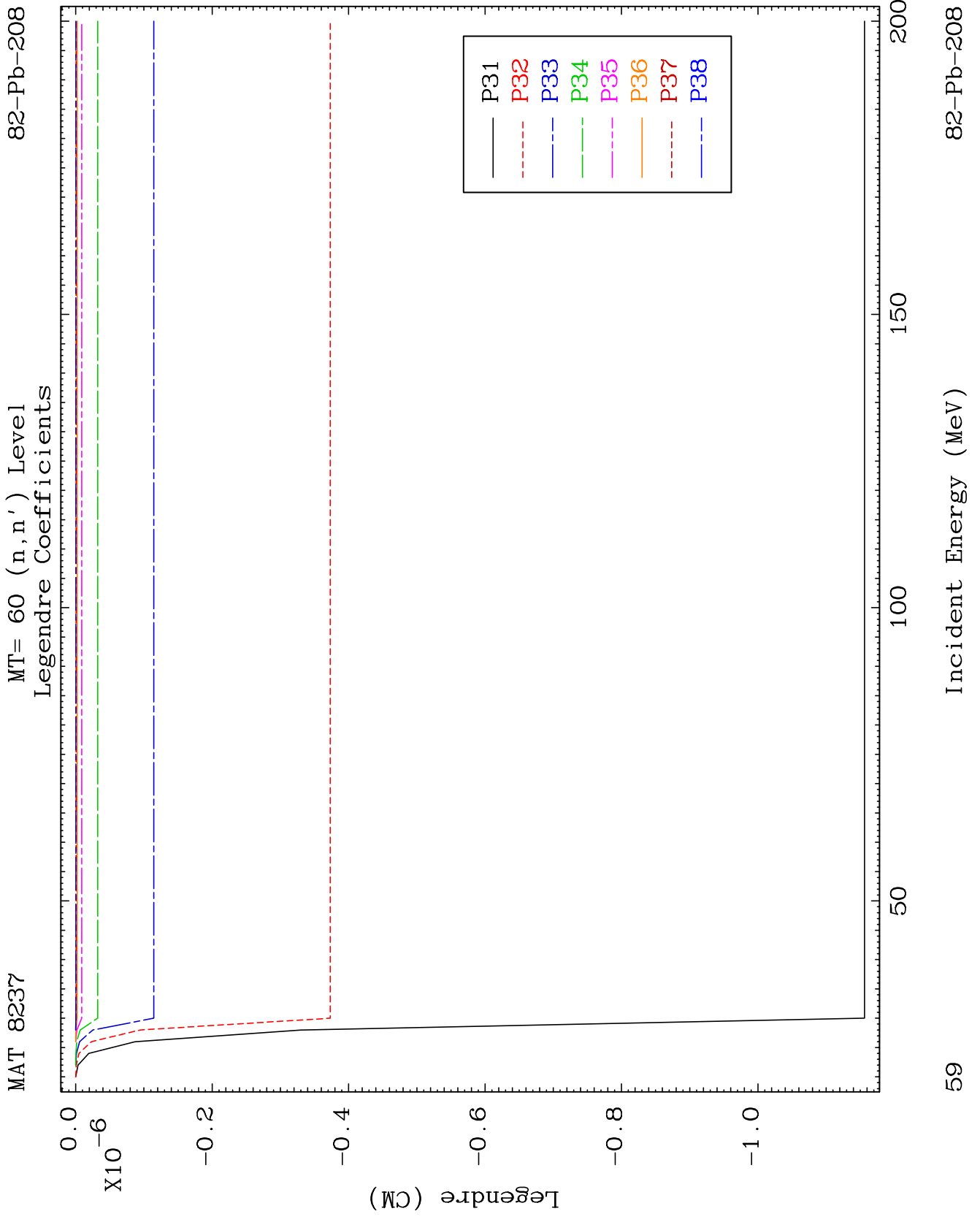
82-Pb-208



58

Incident Energy (MeV)

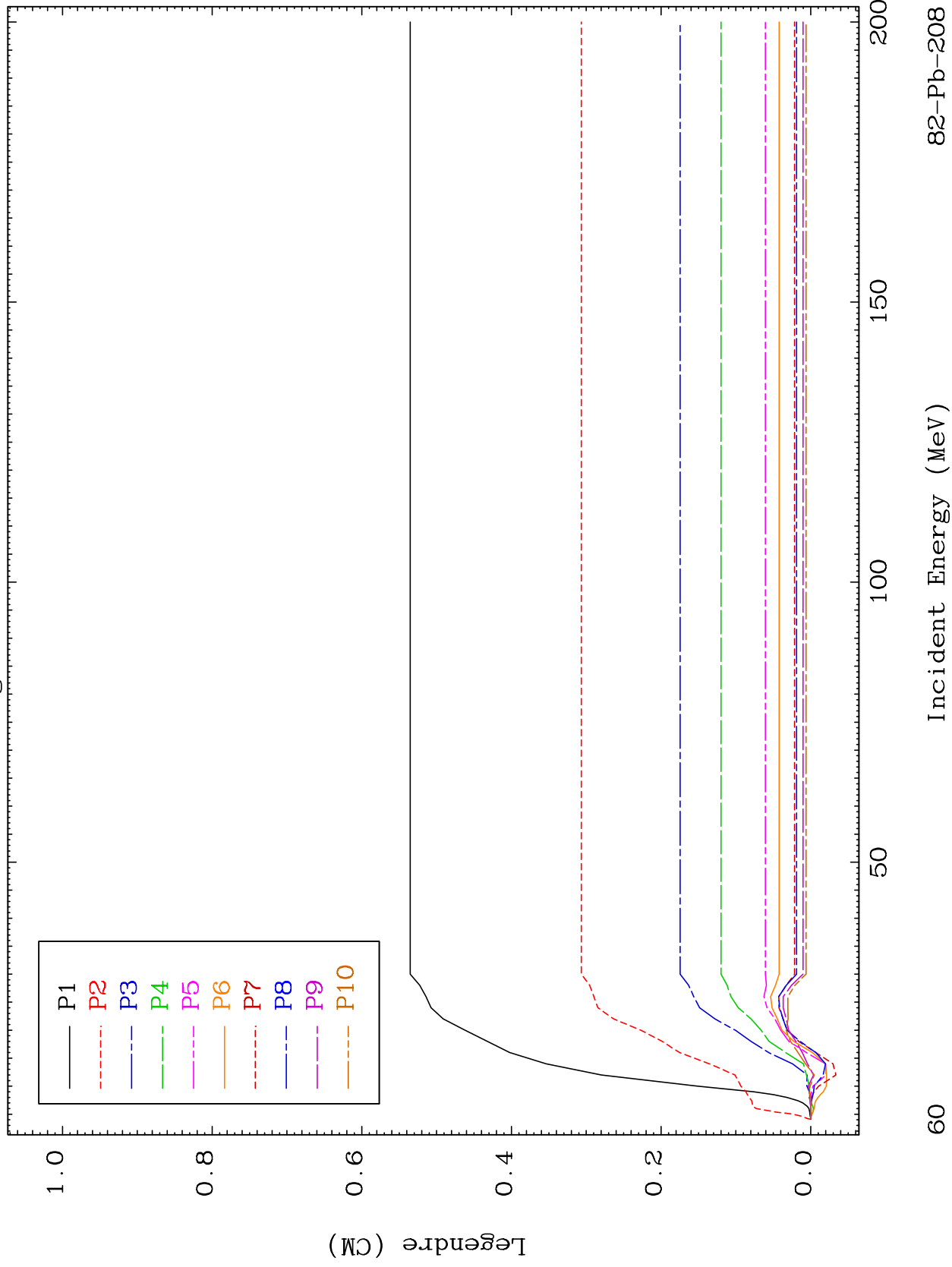
82-Pb-208



MAT 8237

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

82-Pb-208



82-Pb-208

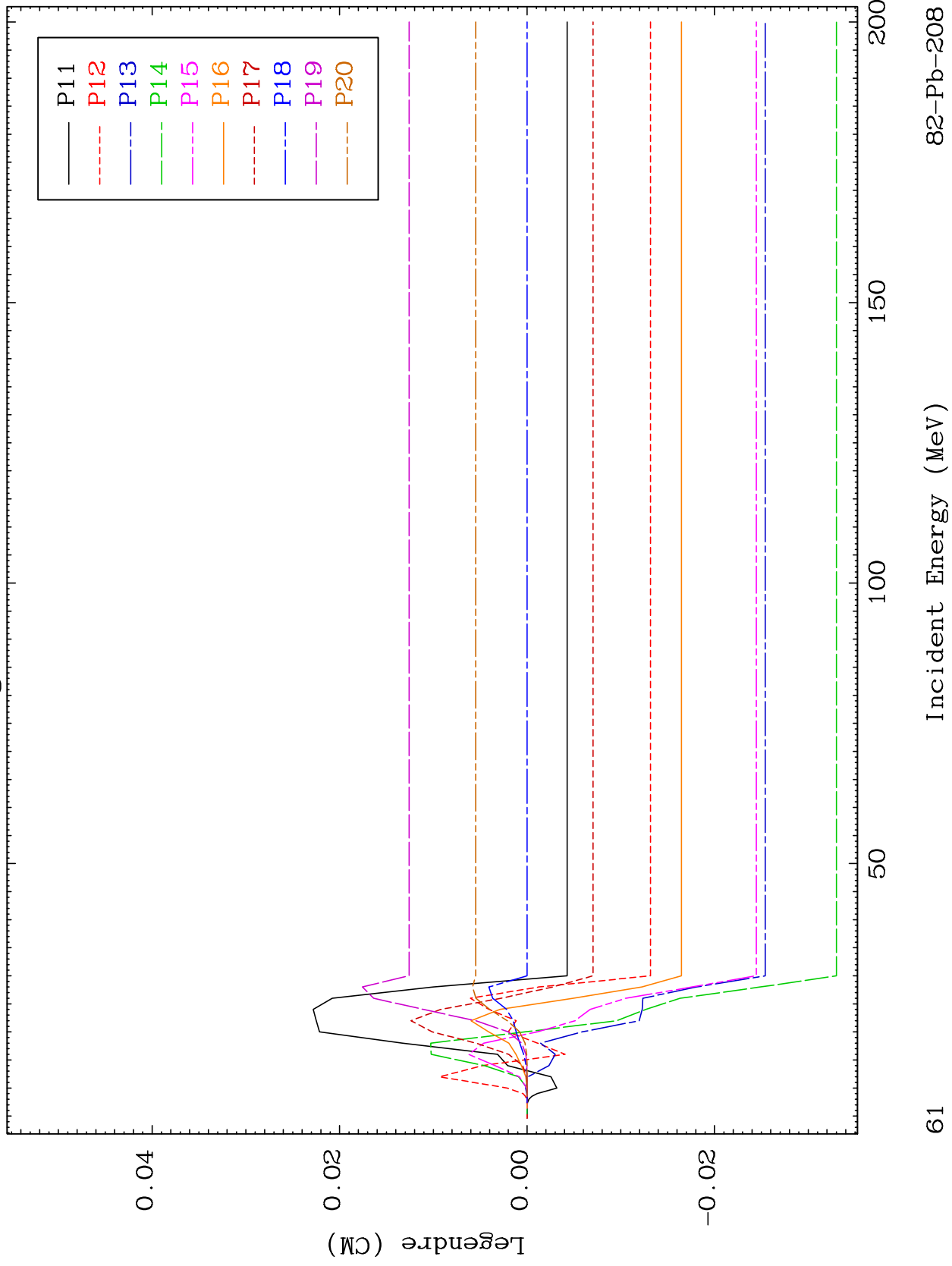
Incident Energy (MeV)

60

MAT 8237

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

82-Pb-208



61

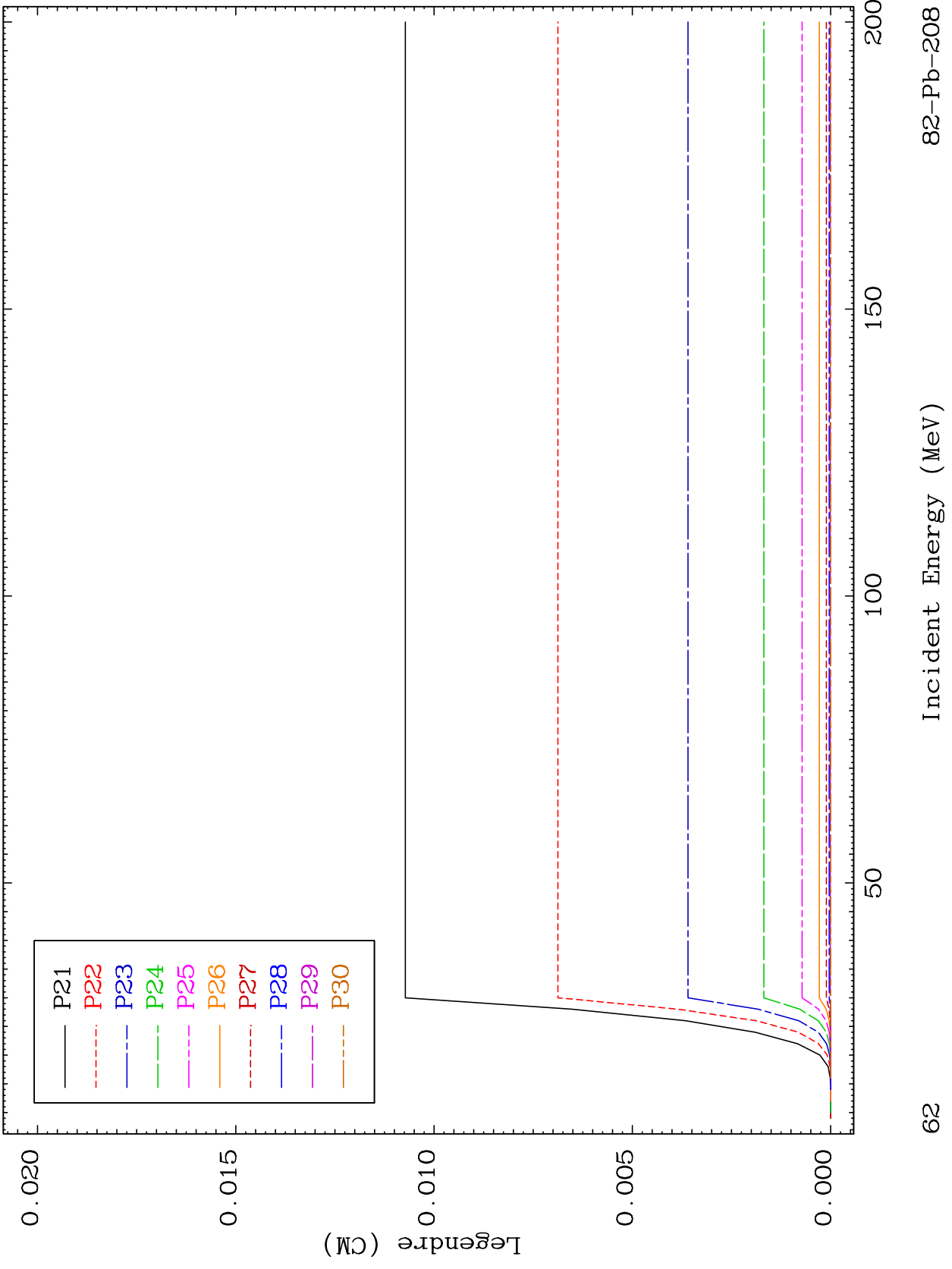
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



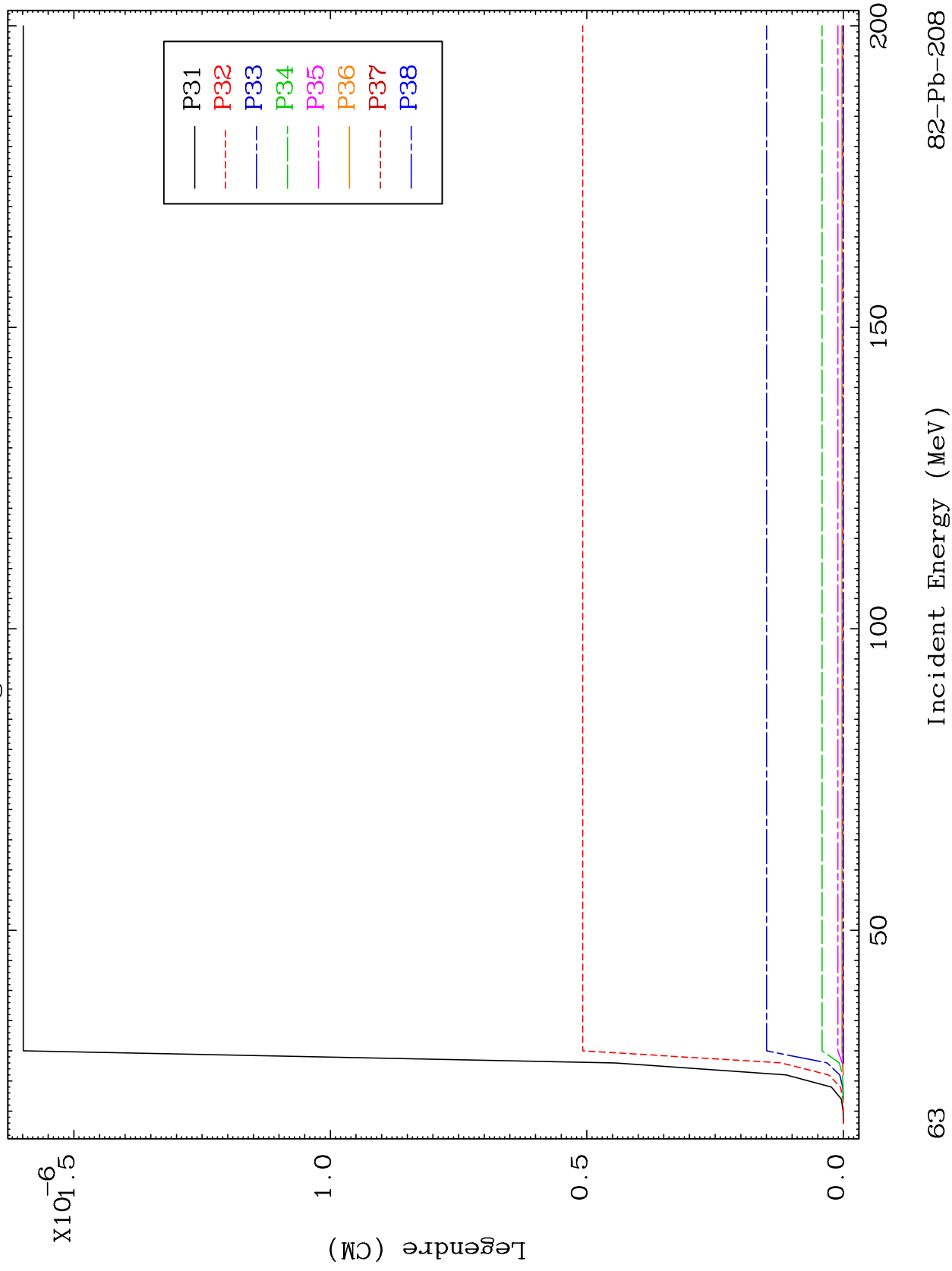
62

82-Pb-208

MAT 8237

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

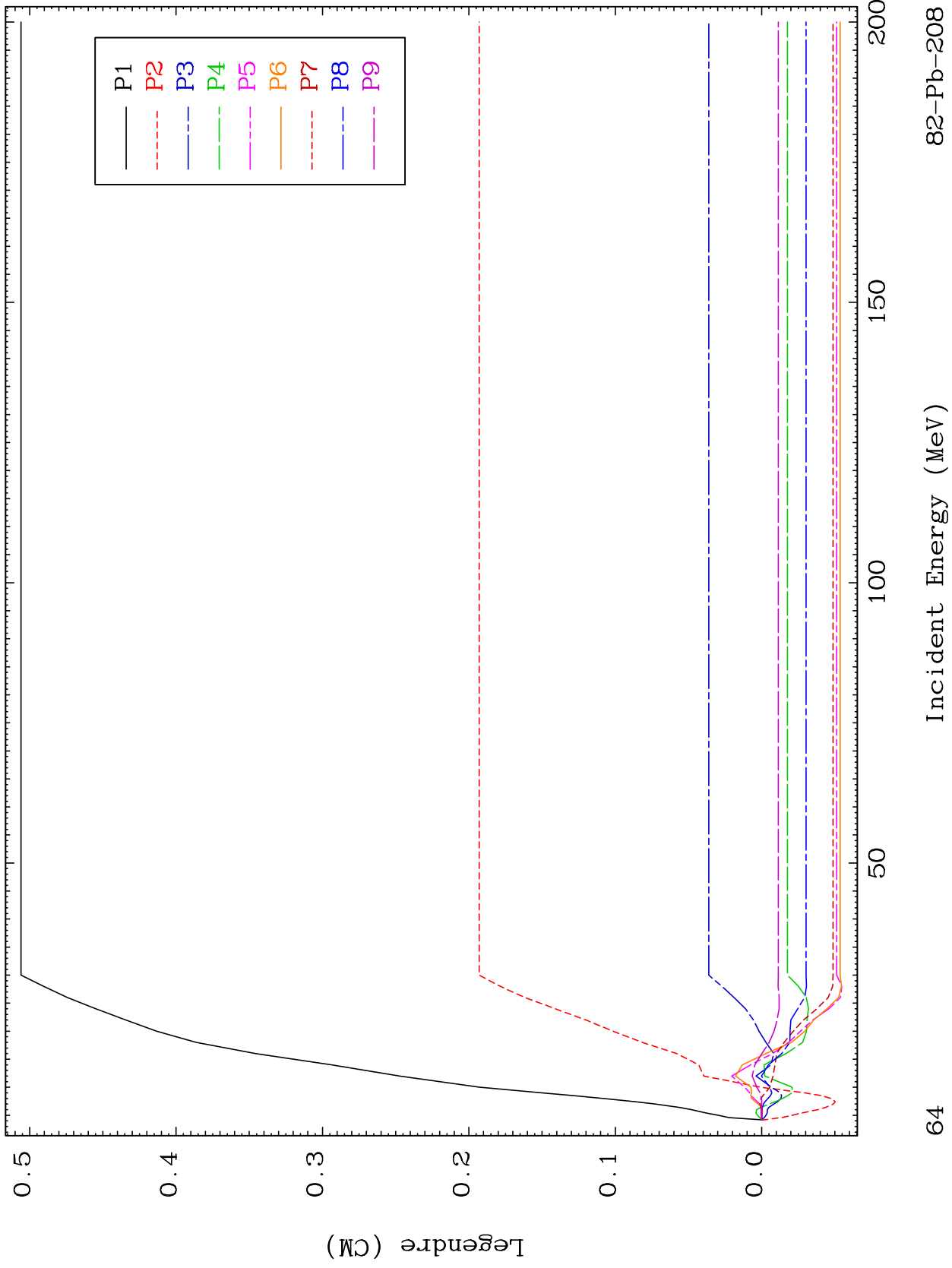
82-Pb-208



MAT 8237

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

82-Pb-208



64

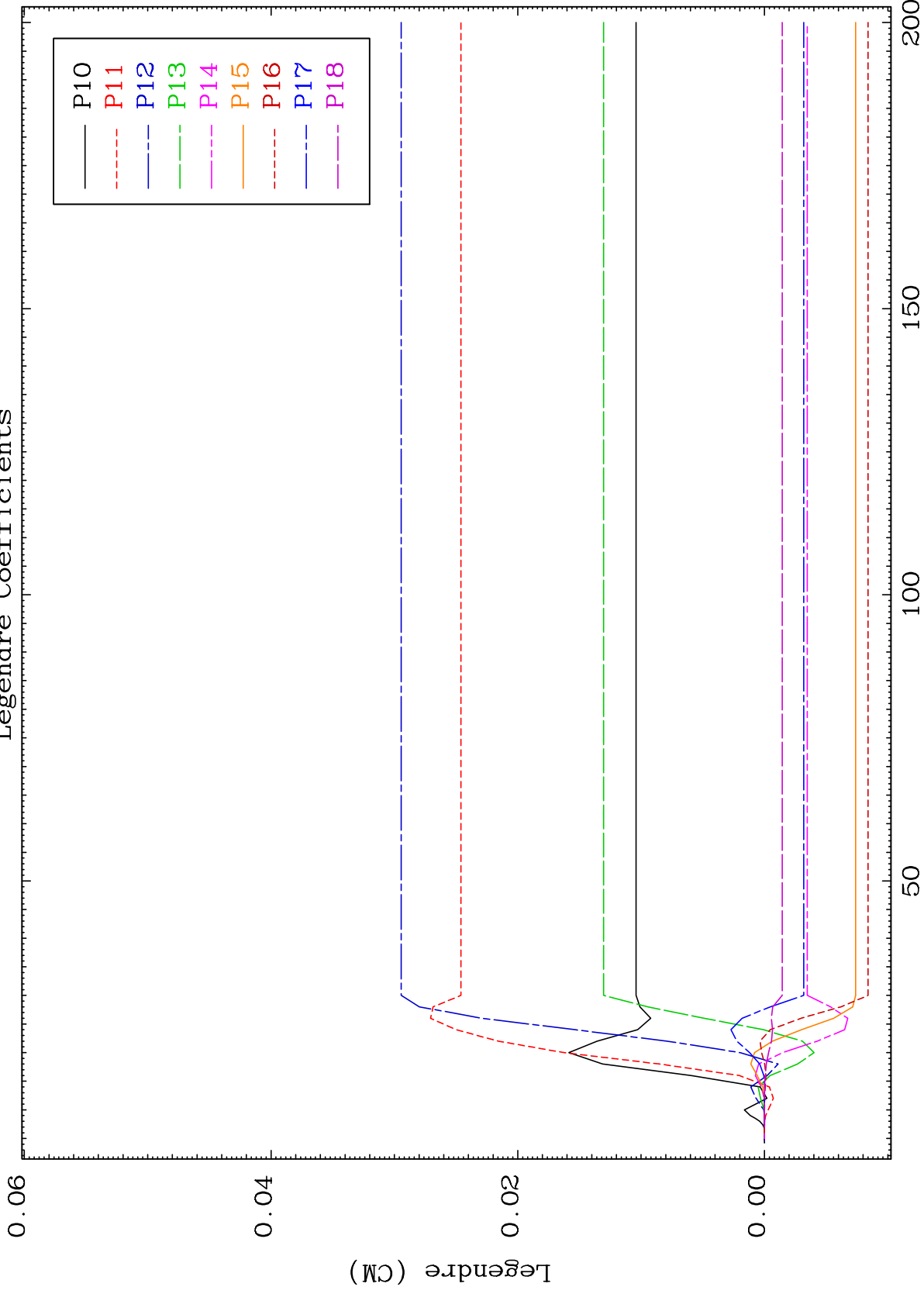
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



65

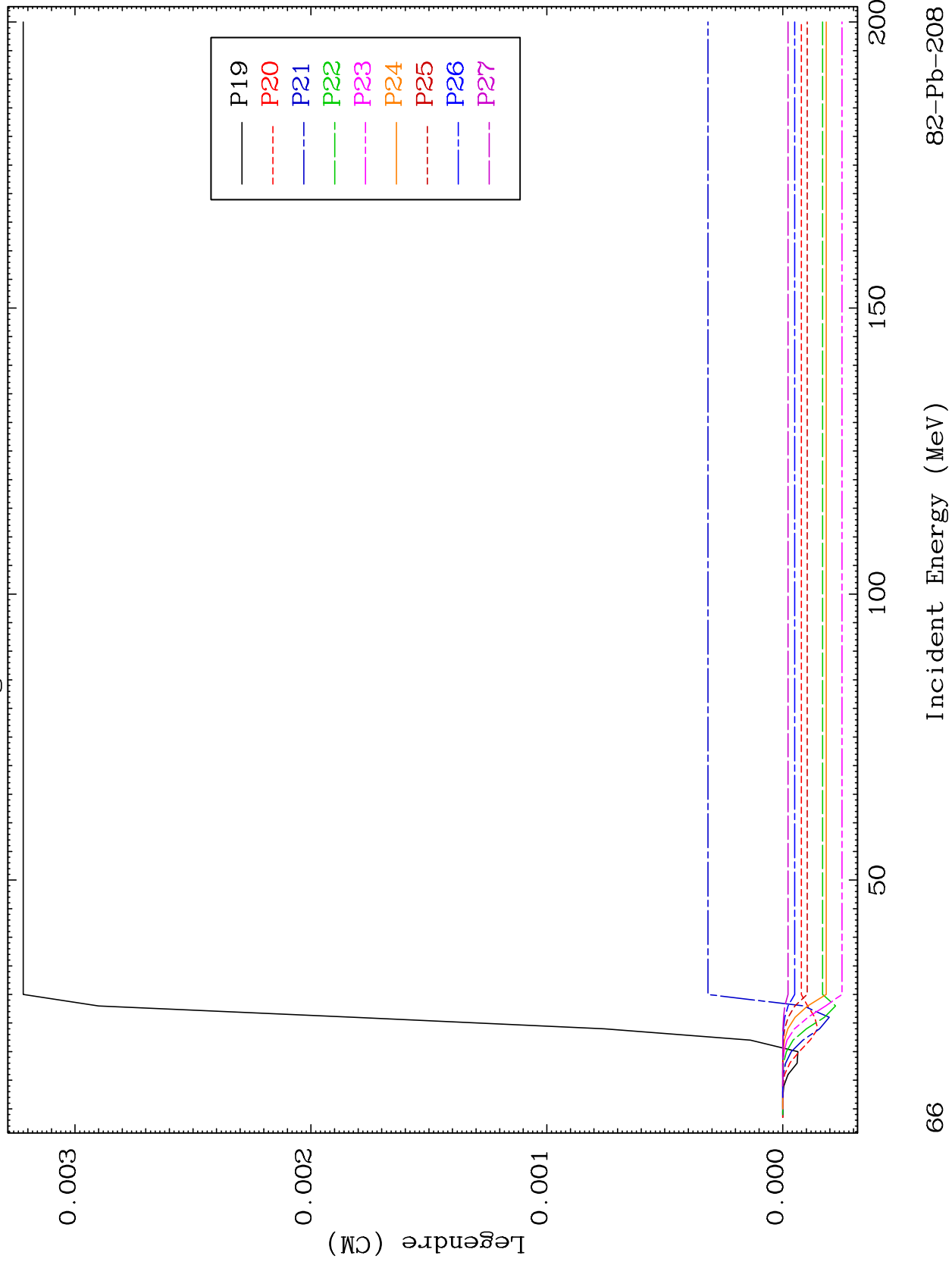
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

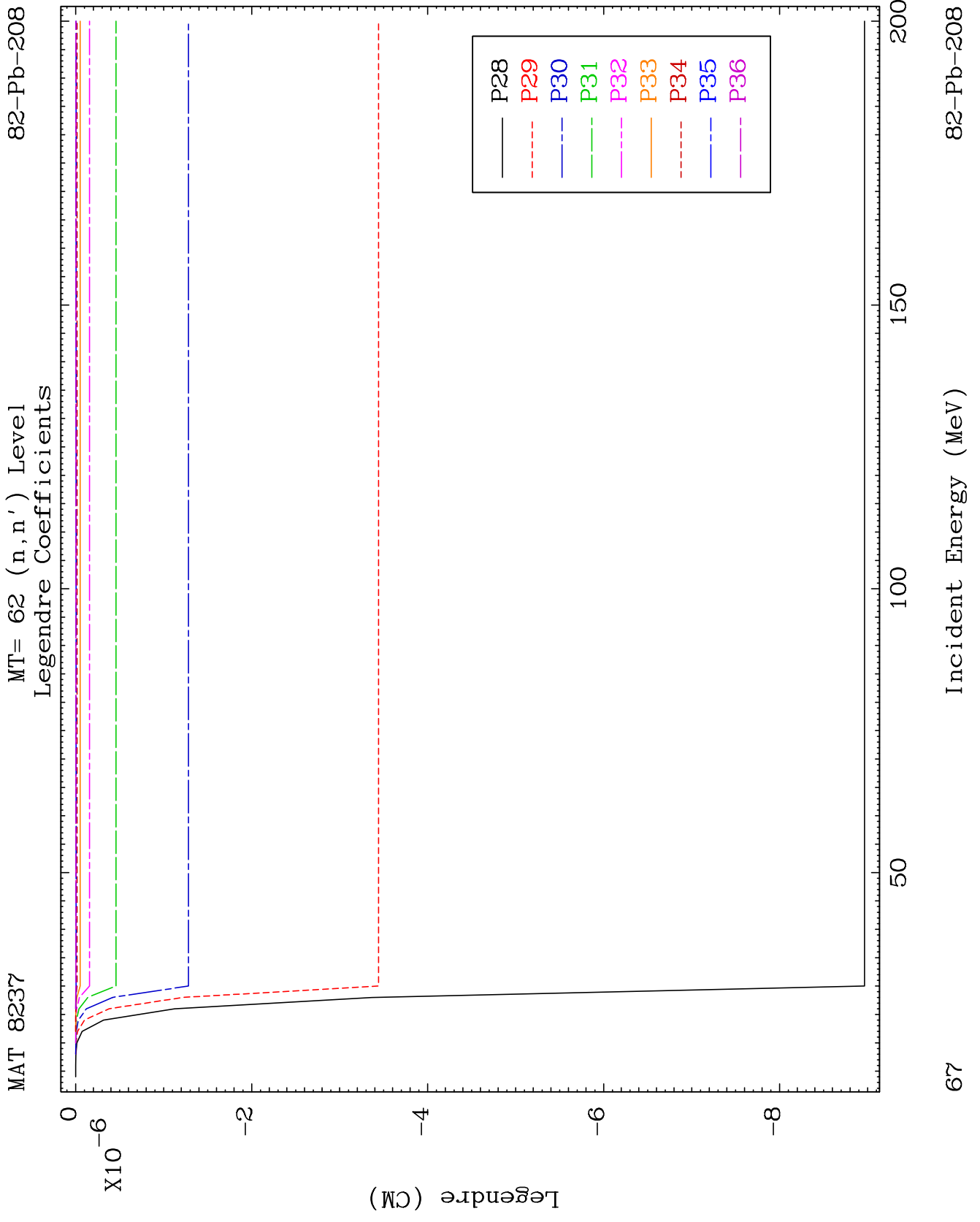
82-Pb-208



66

Incident Energy (MeV)

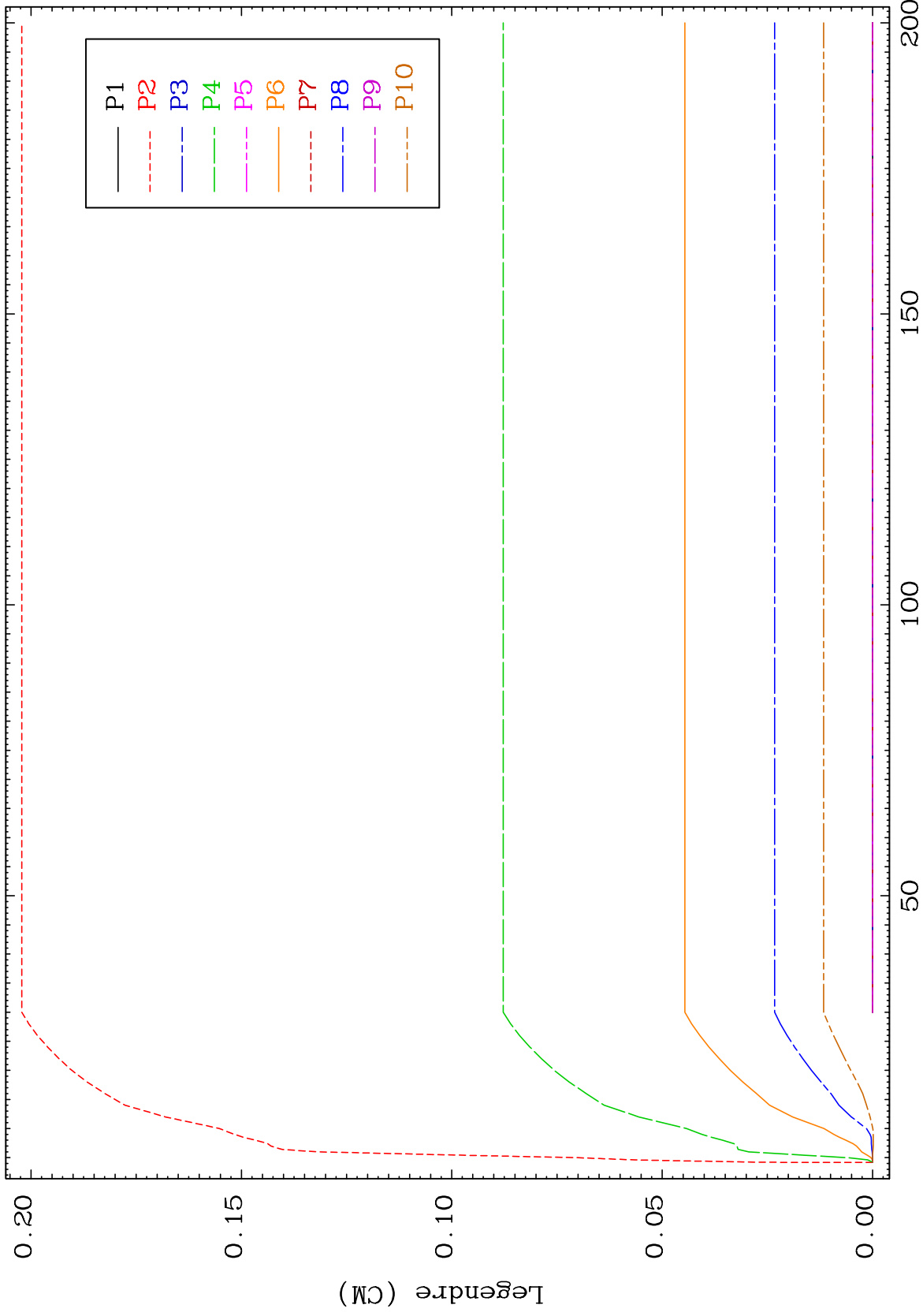
82-Pb-208



MAT 8237

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

82-Pb-208



68

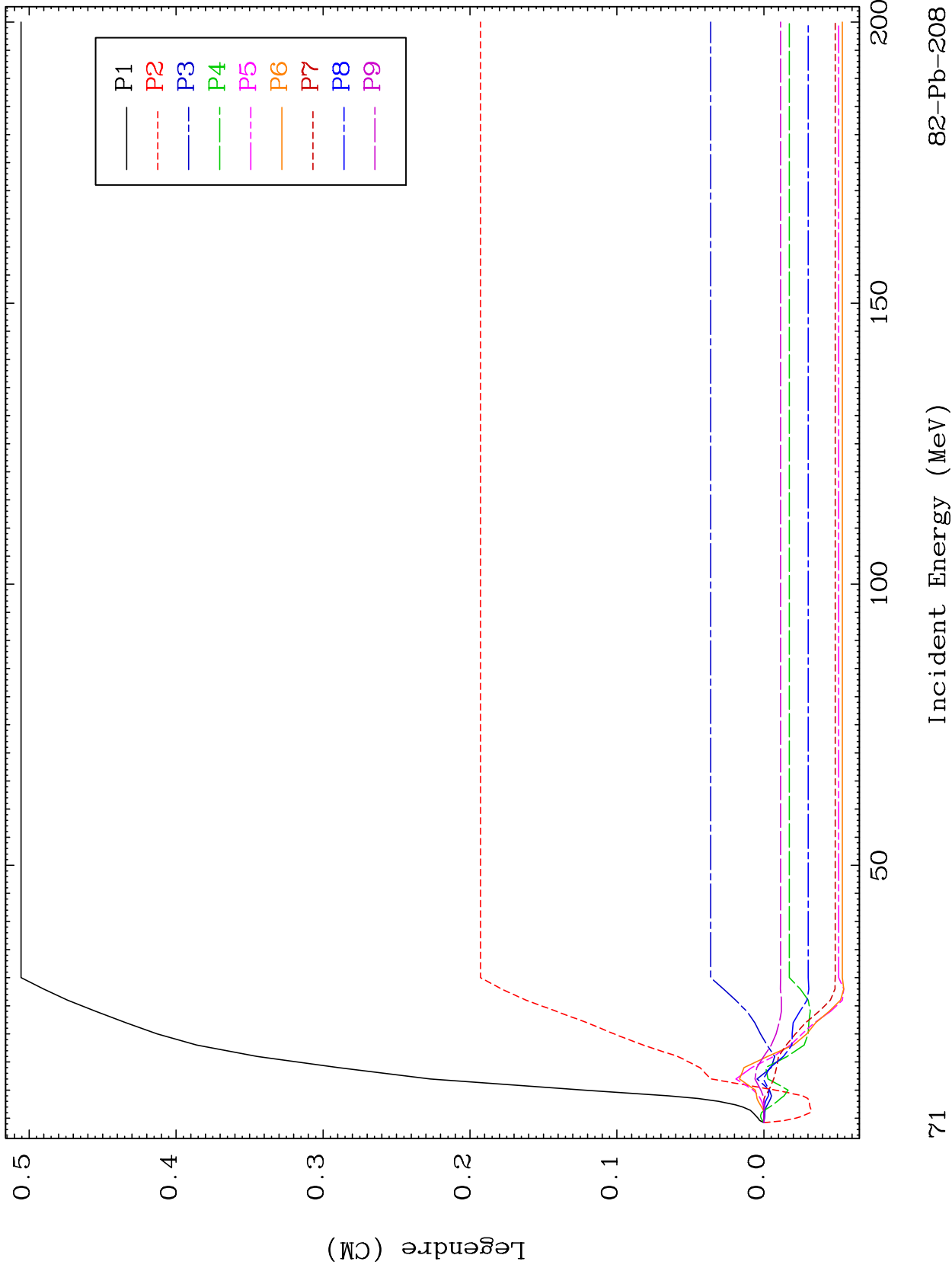
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

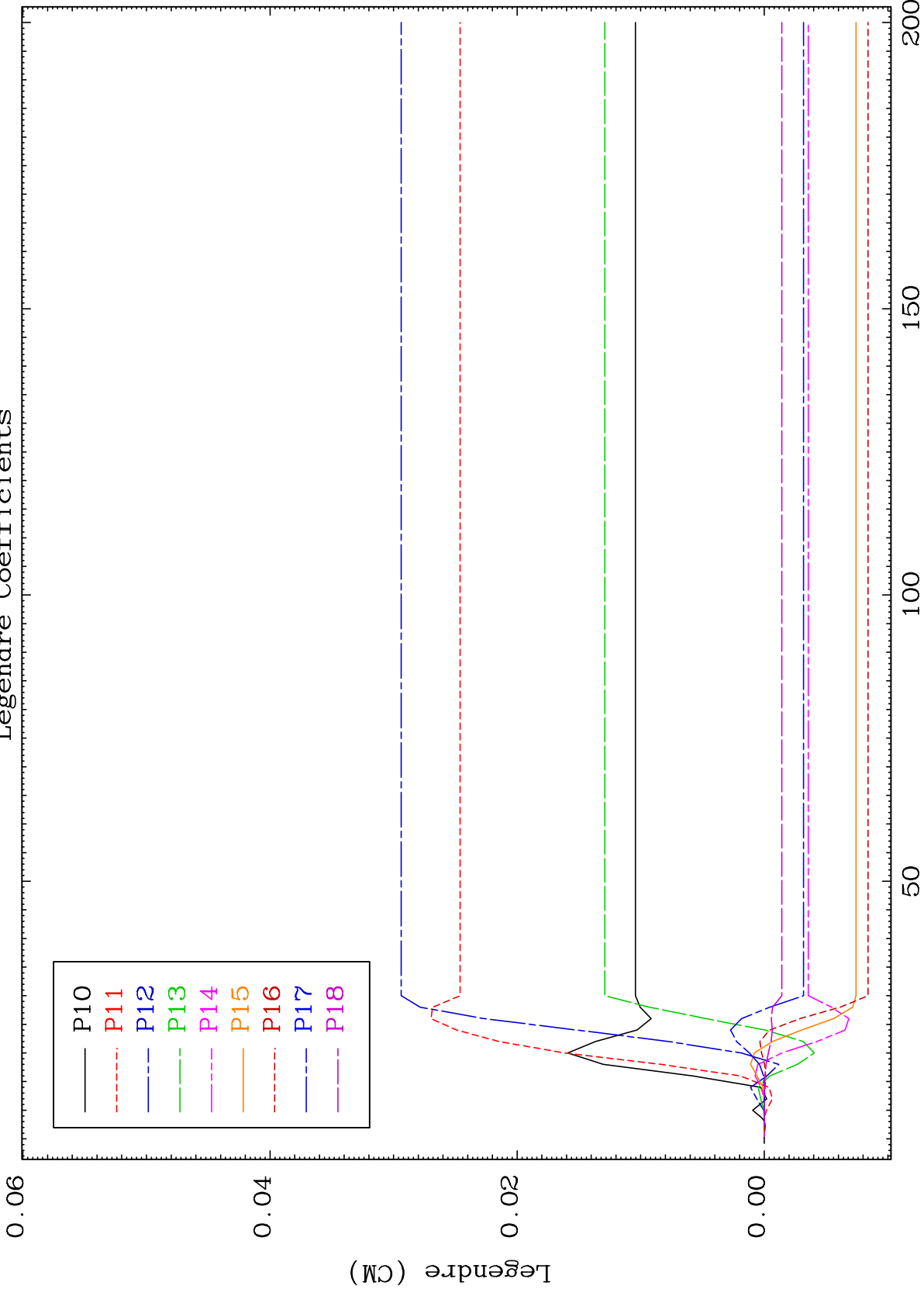
82-Pb-208



MAT 8237

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

82-Pb-208



72

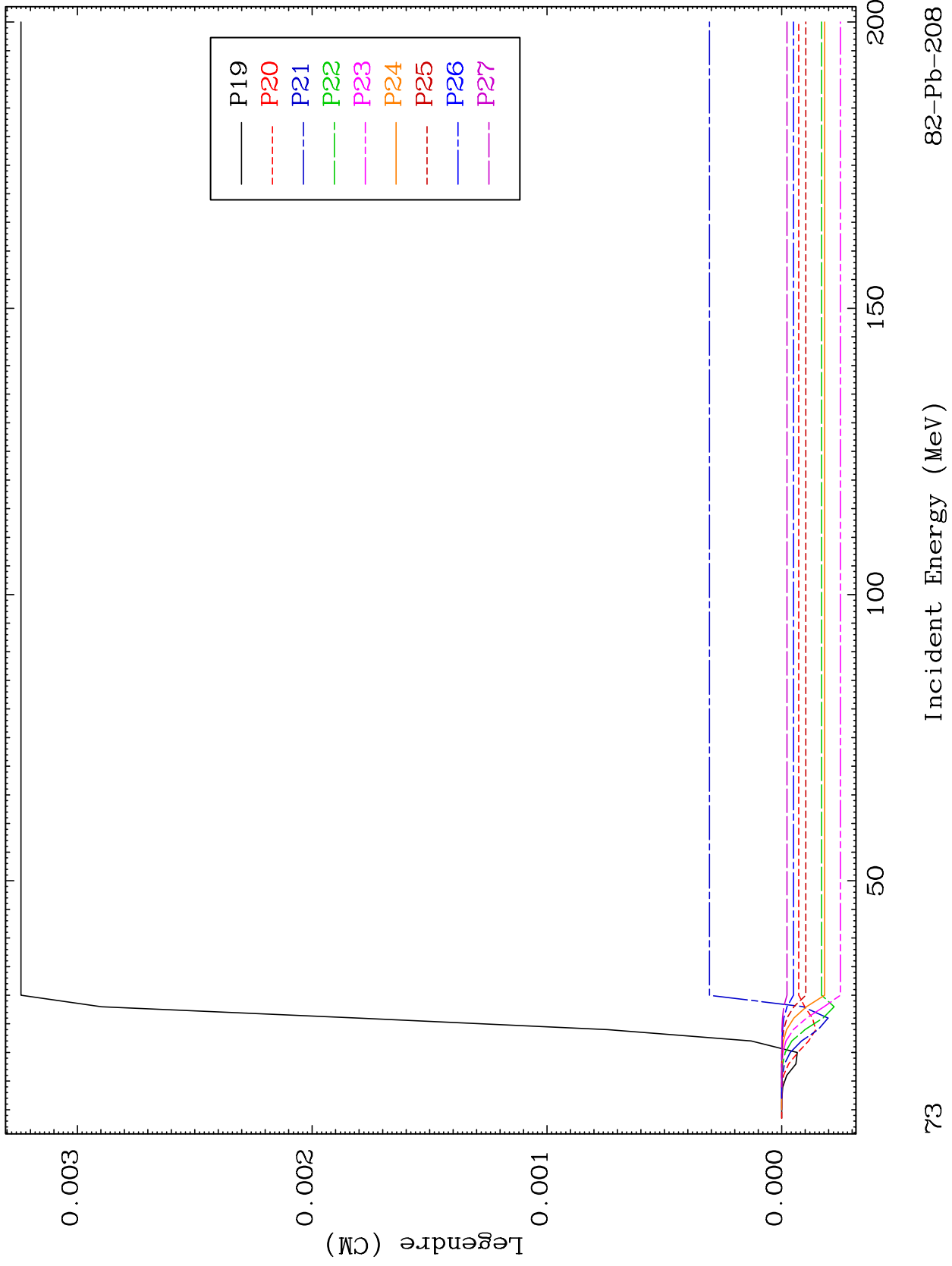
Incident Energy (MeV)

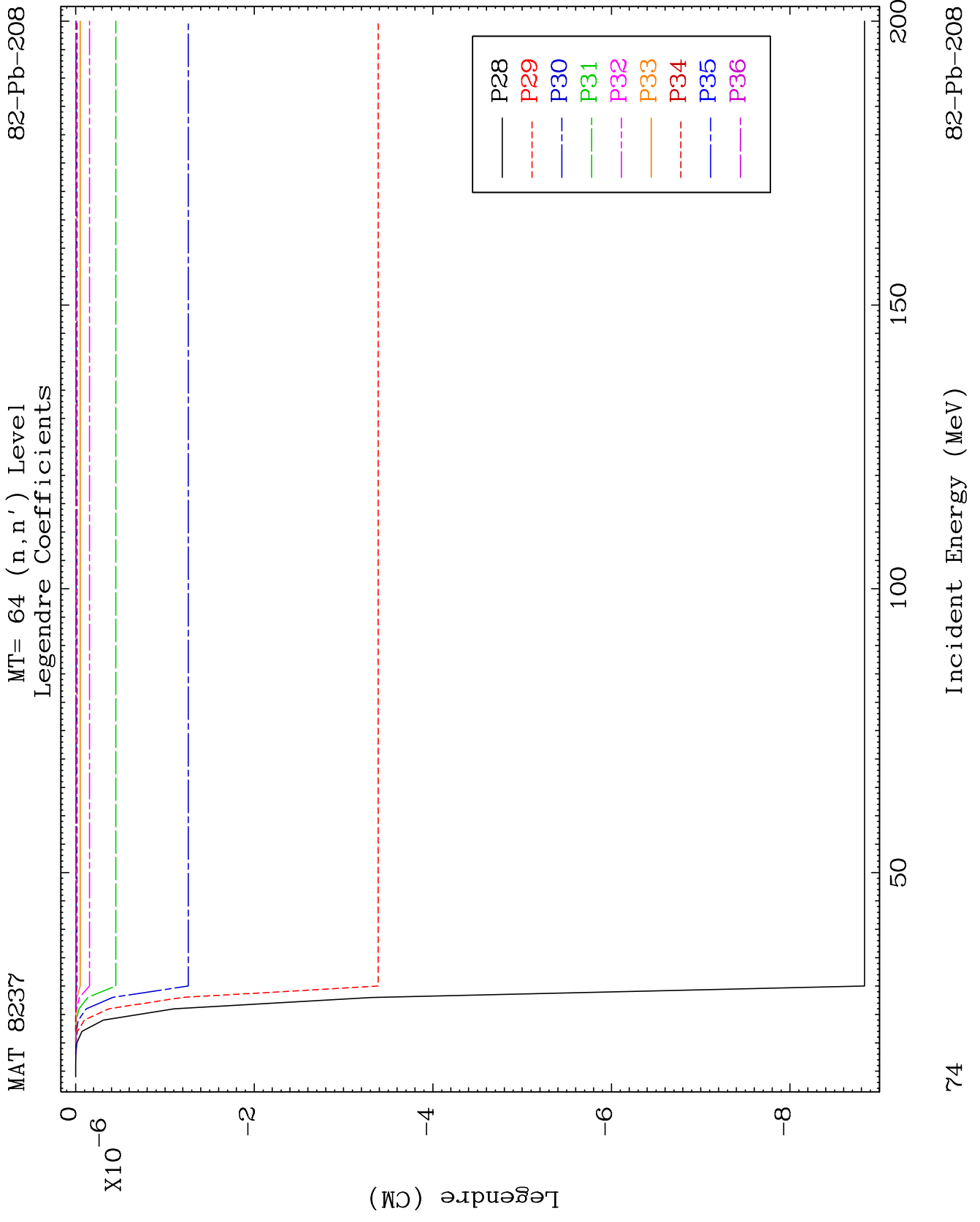
82-Pb-208

MAT 8237

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

82-Pb-208

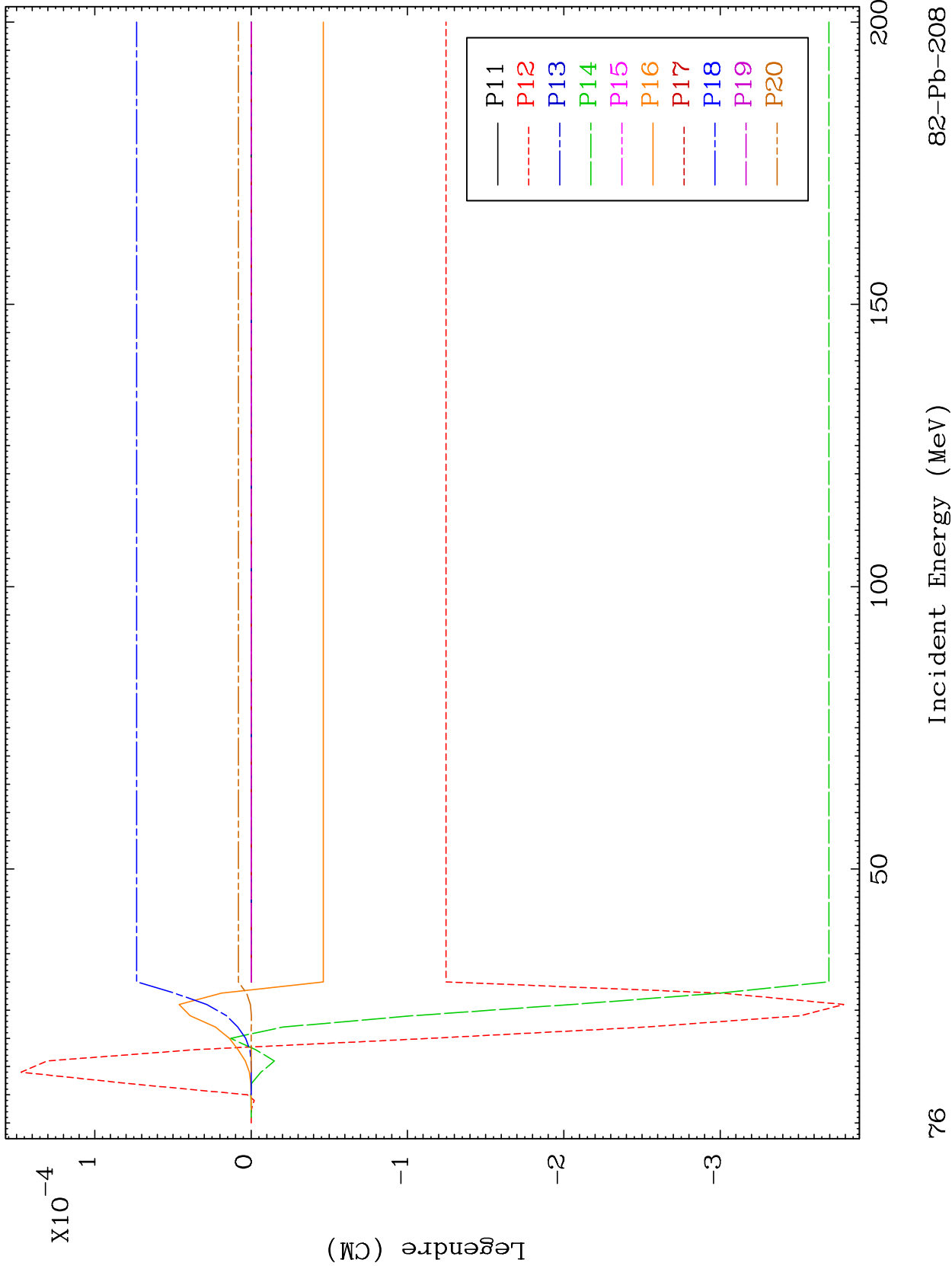




MAT 8237

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

82-Pb-208



76

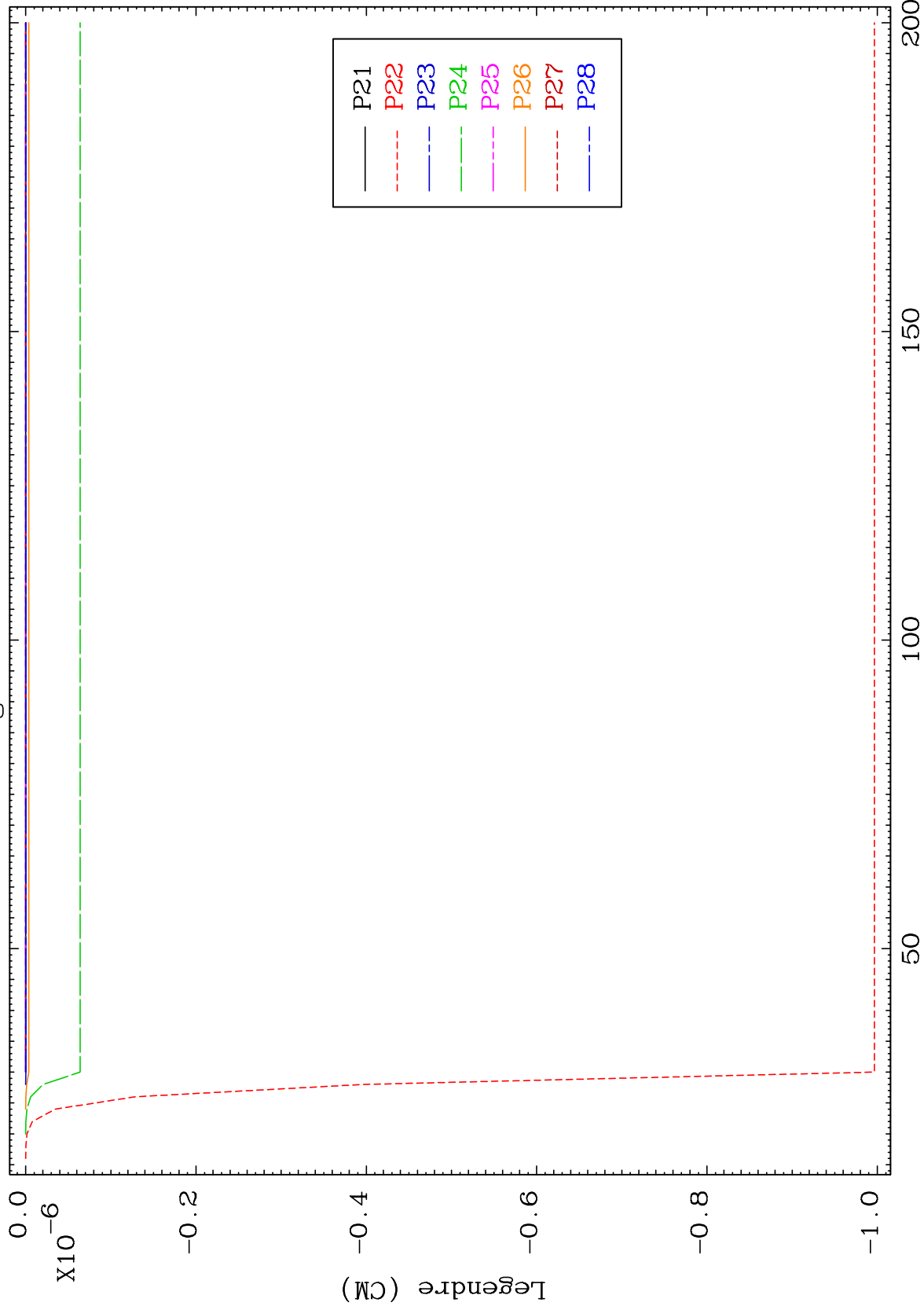
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

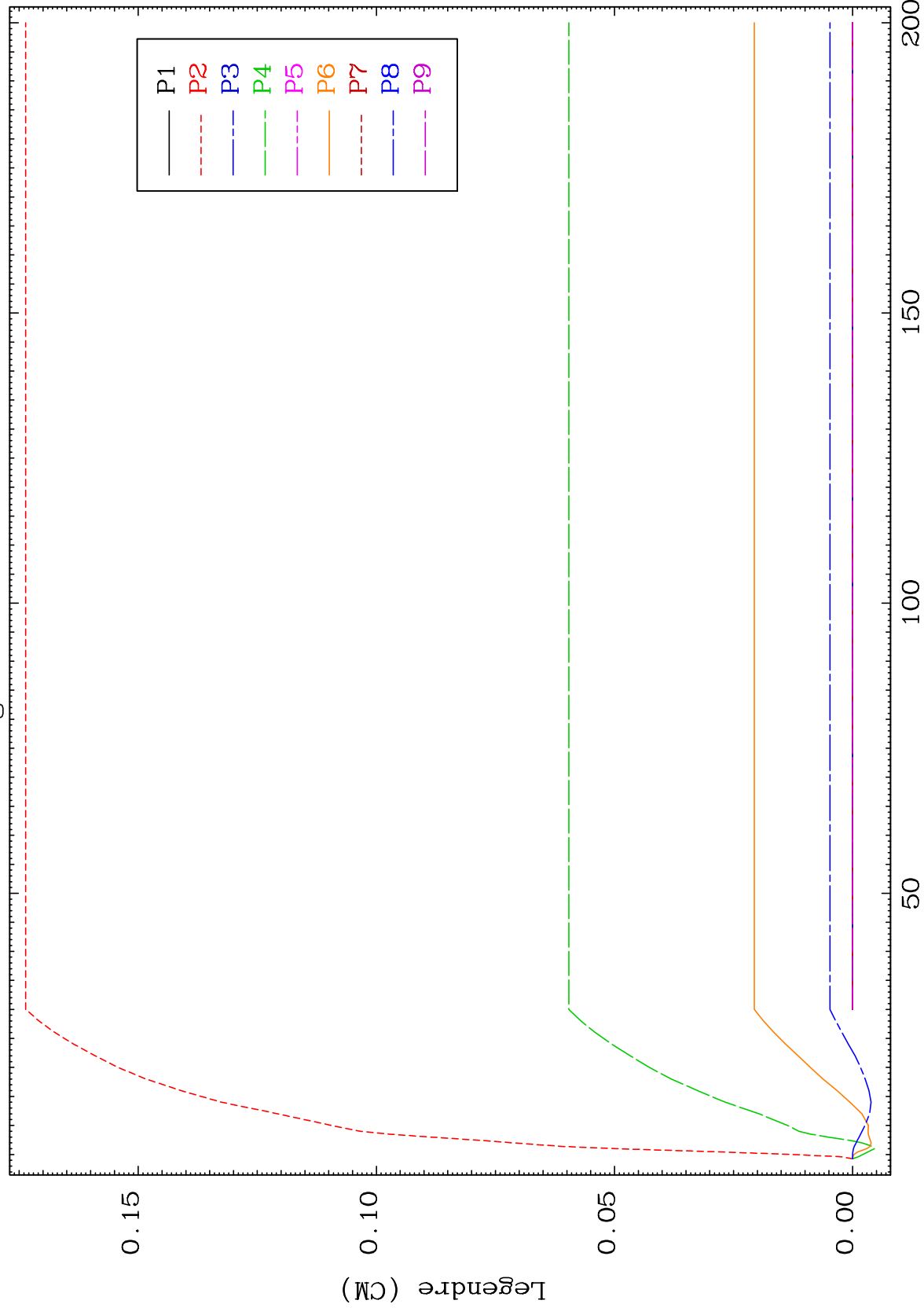
82-Pb-208



MAT 8237

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

82-Pb-208



78

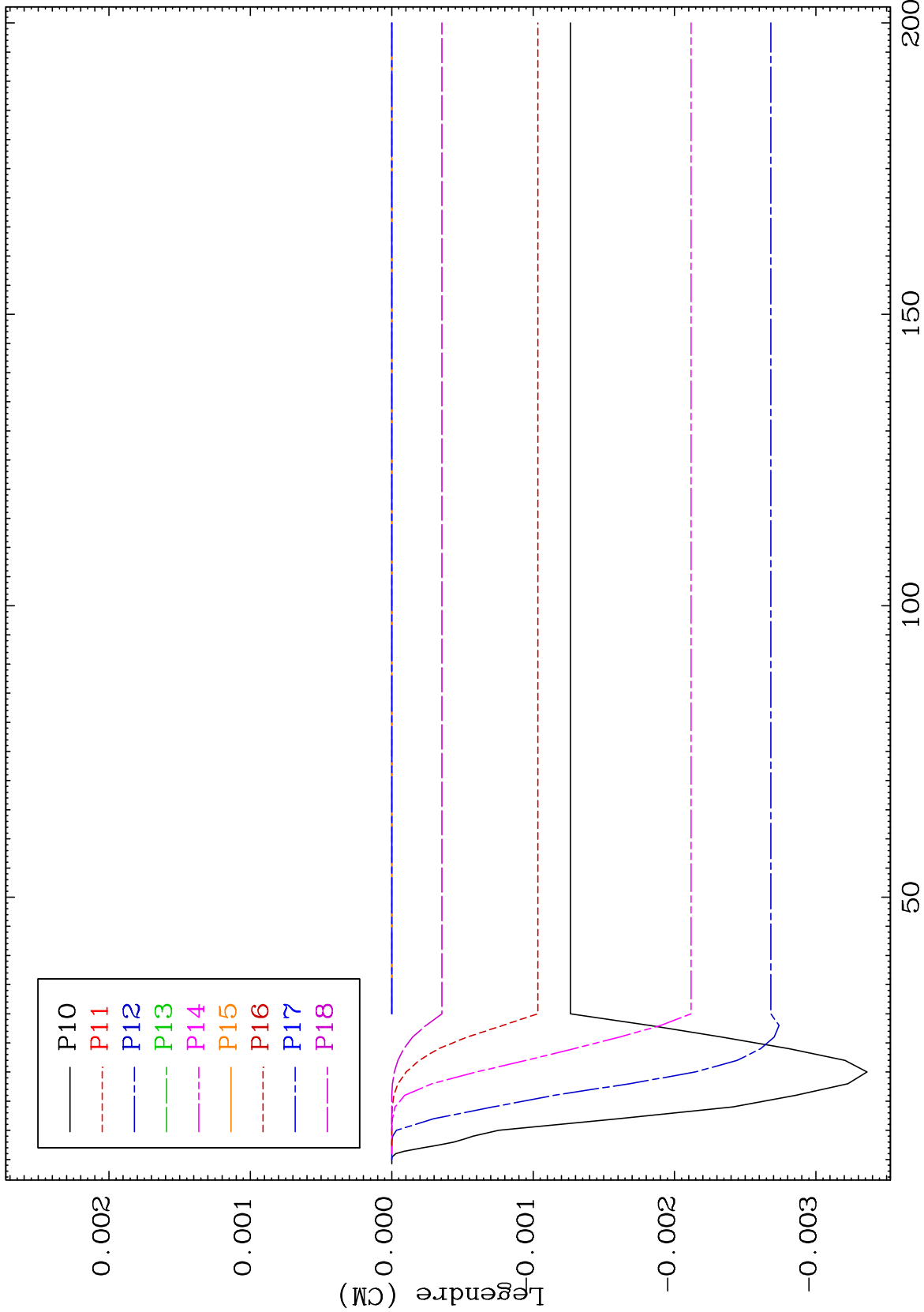
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

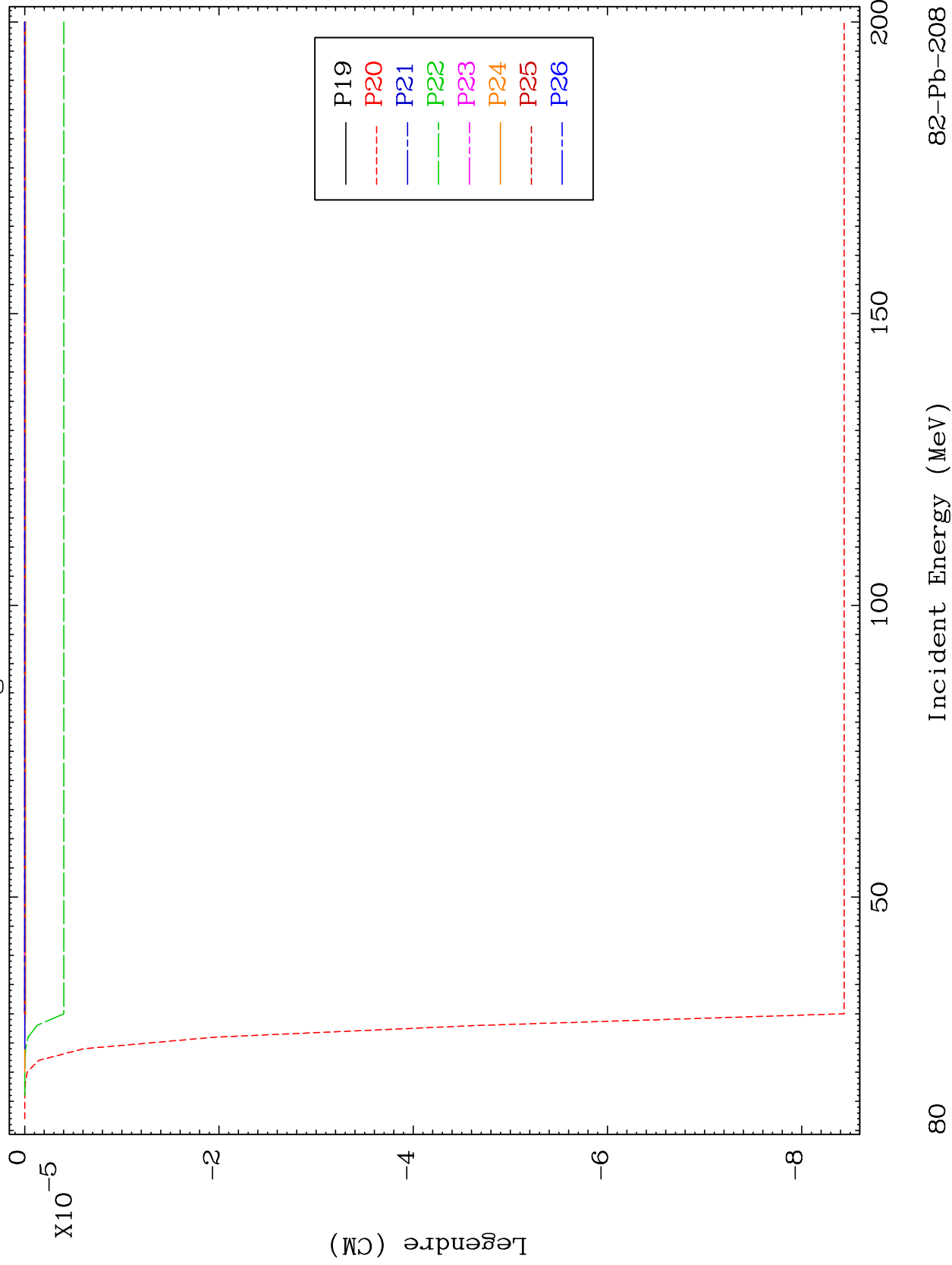
82-Pb-208



MAT 8237

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

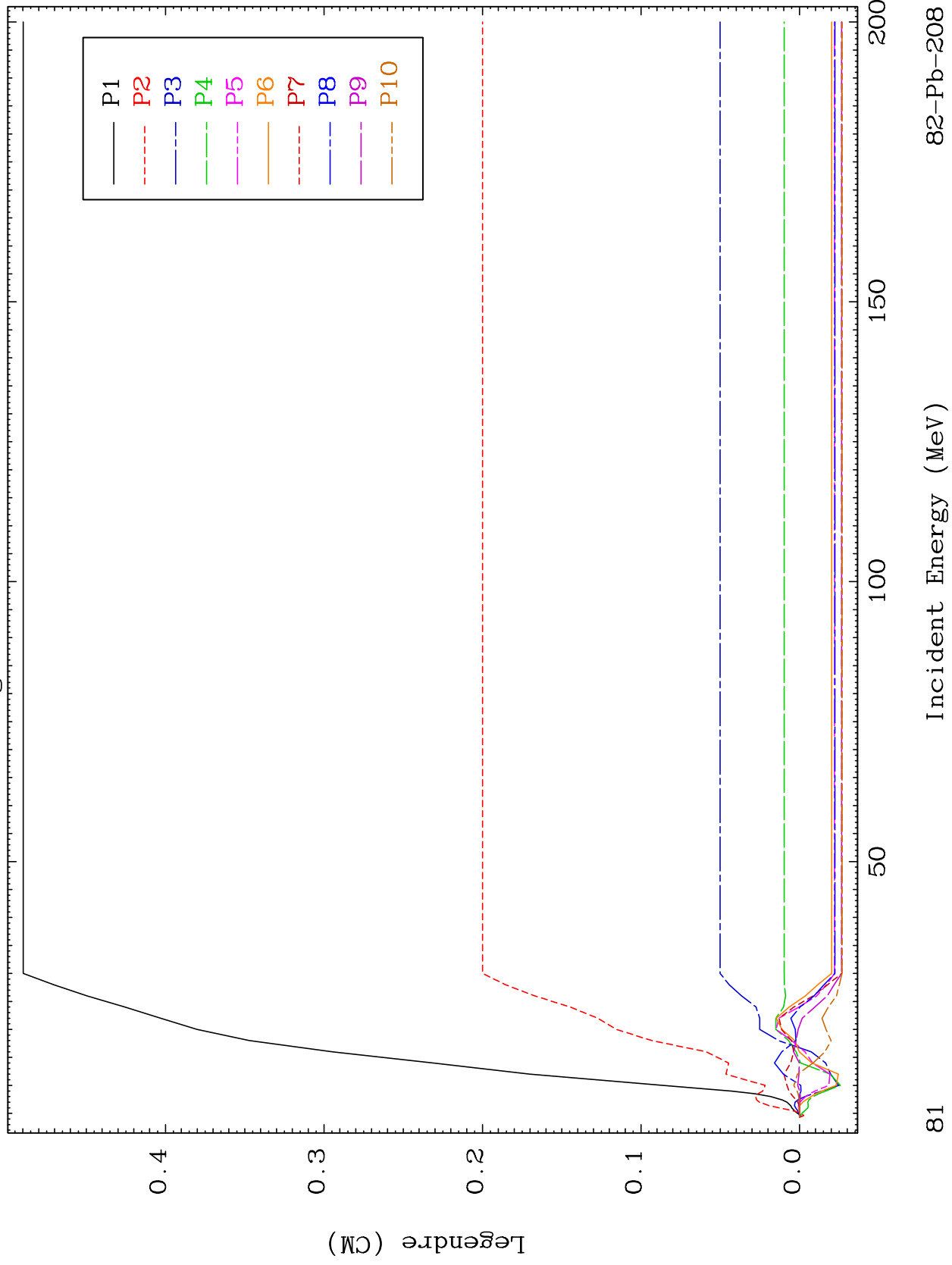
82-Pb-208



MAT 8237

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

82-Pb-208



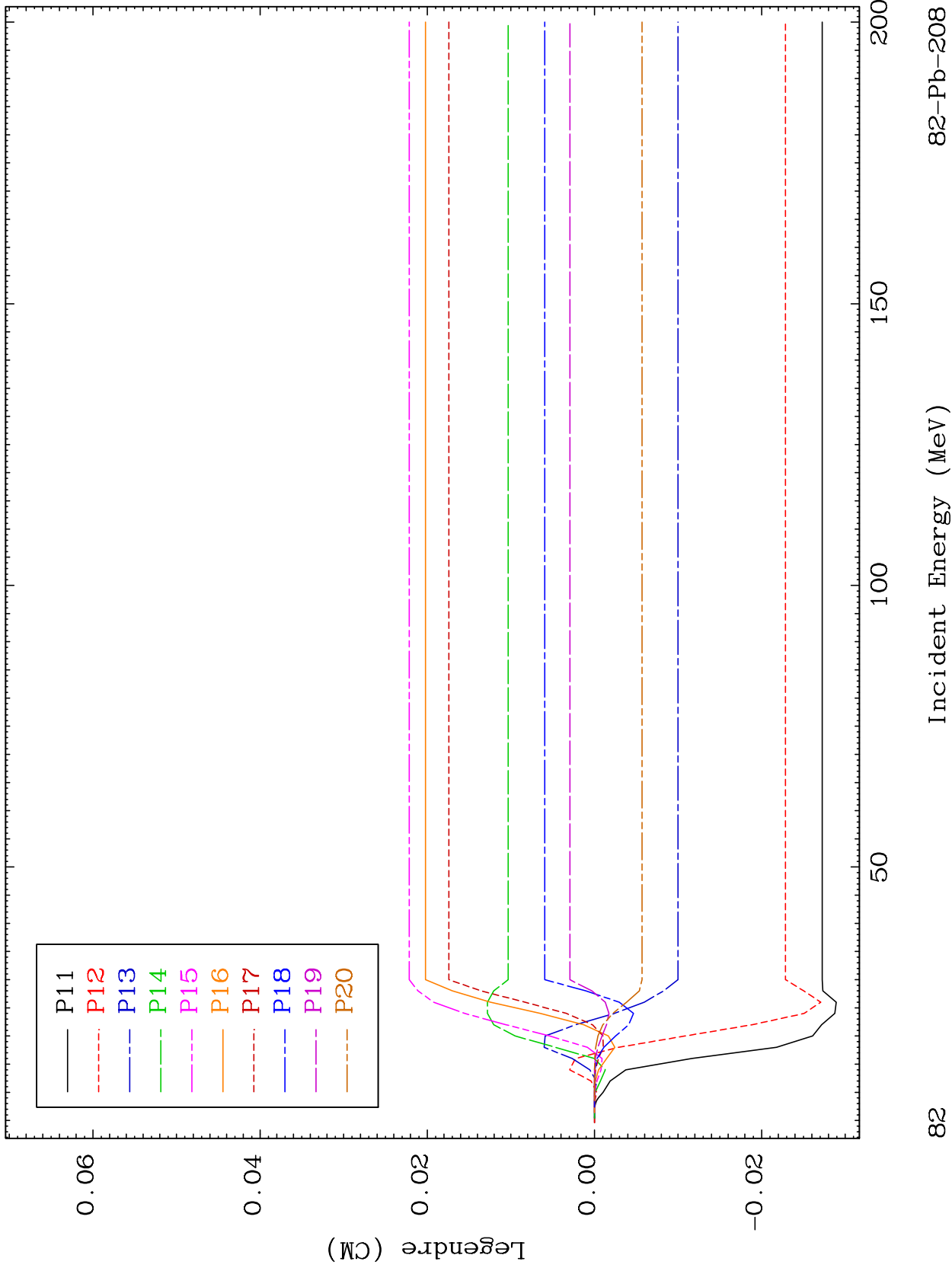
81

82-Pb-208

MAT 8237

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

82-Pb-208



82

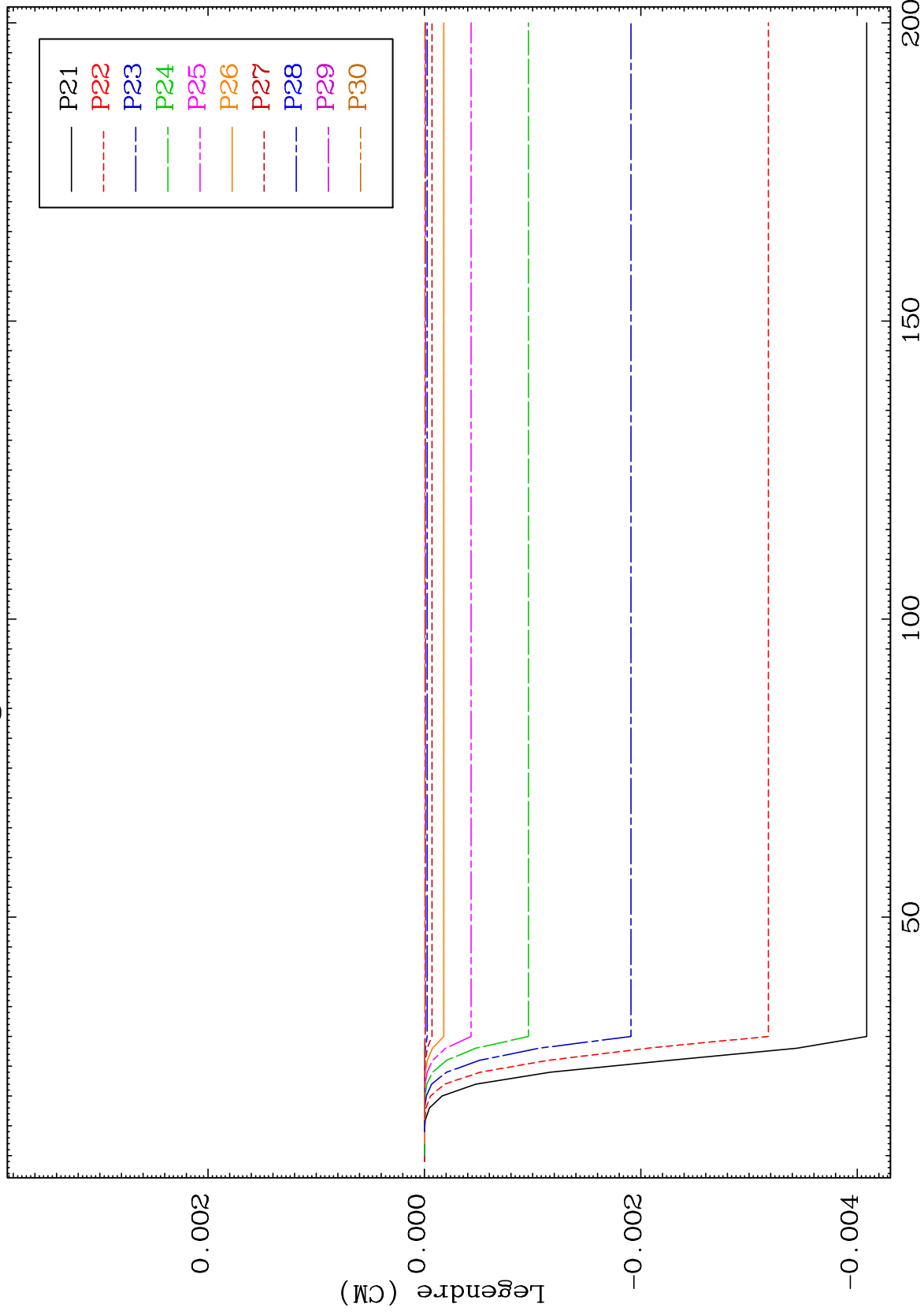
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



83

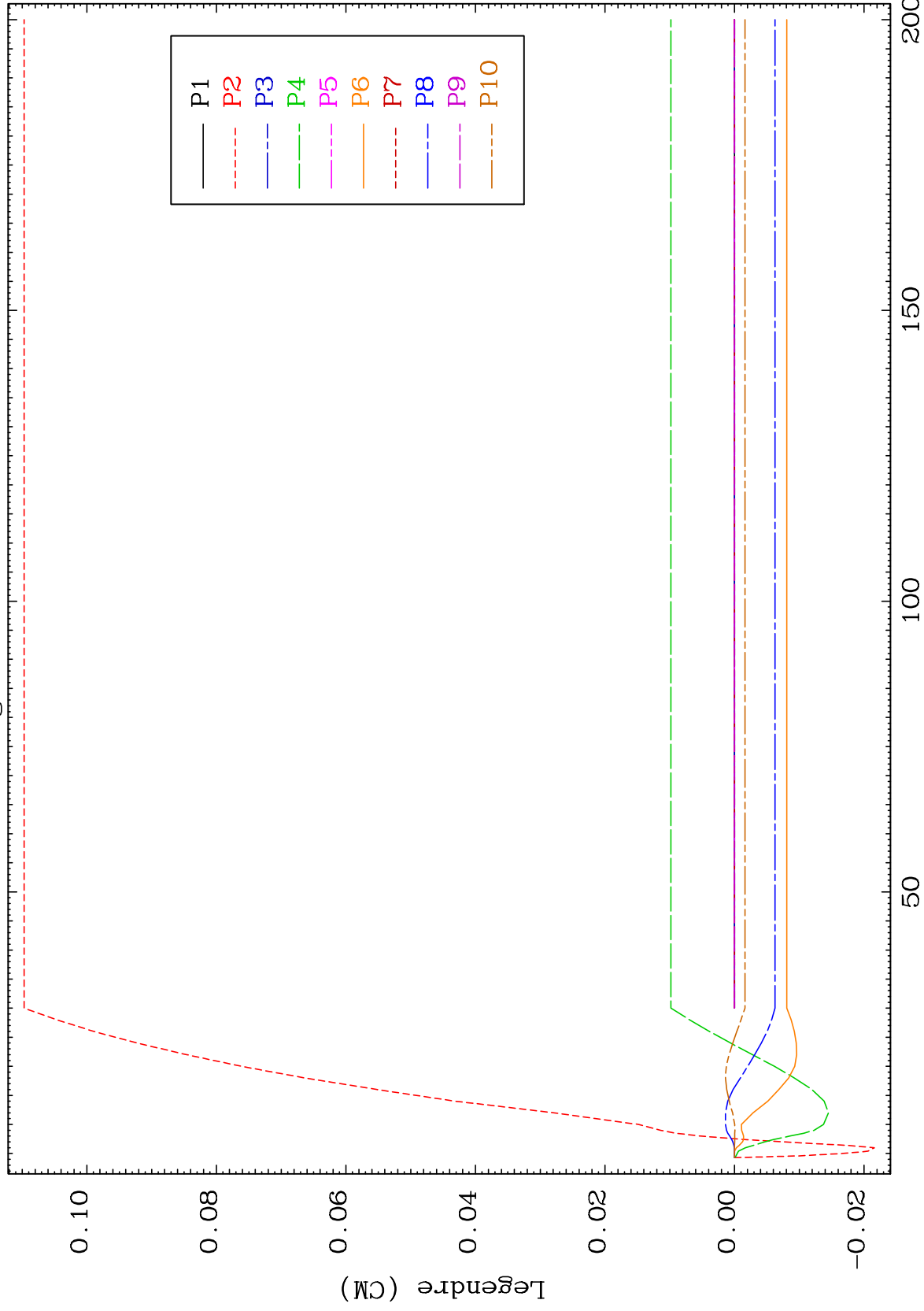
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



82-Pb-208

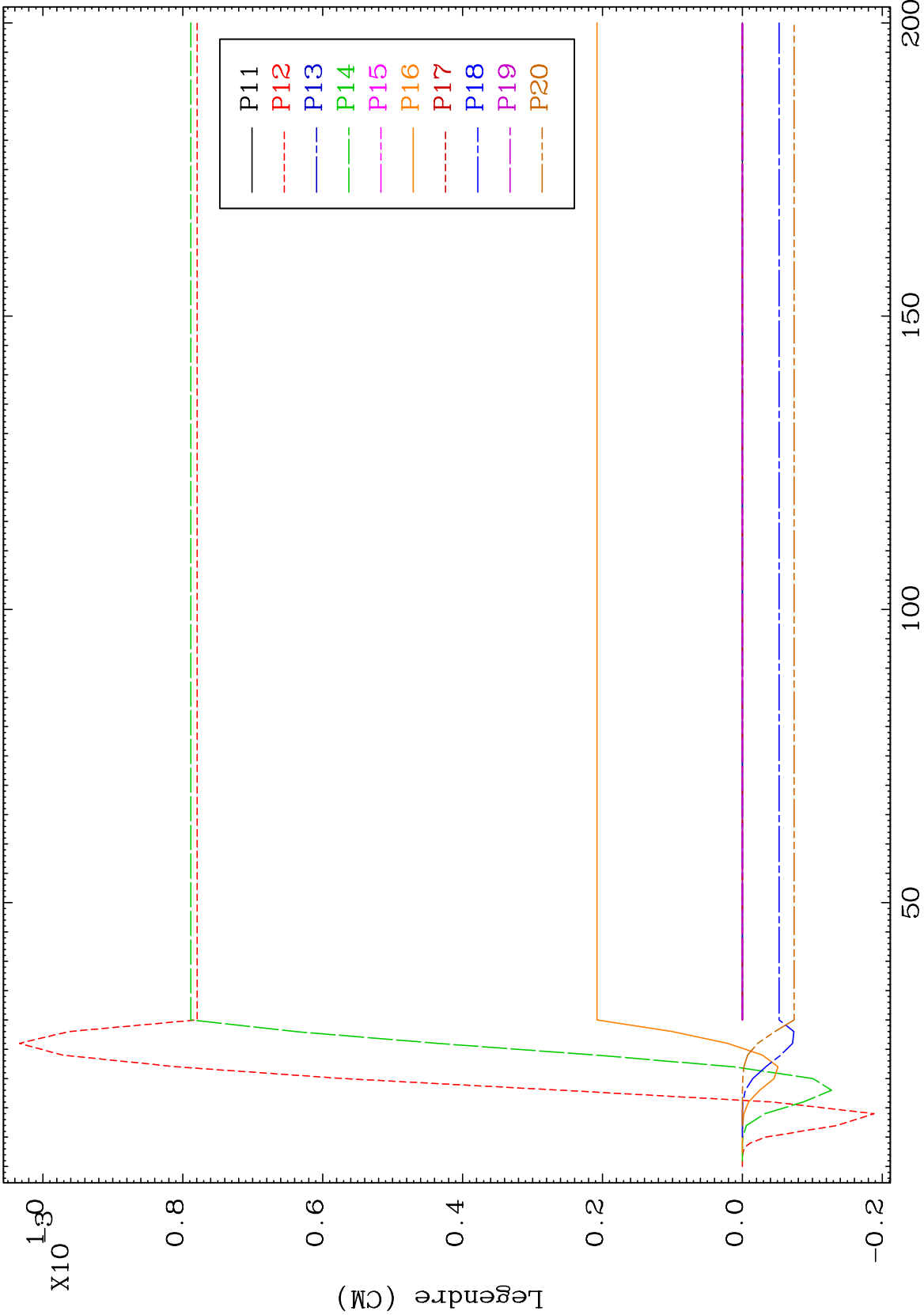
Incident Energy (MeV)

85

MAT 8237

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

82-Pb-208



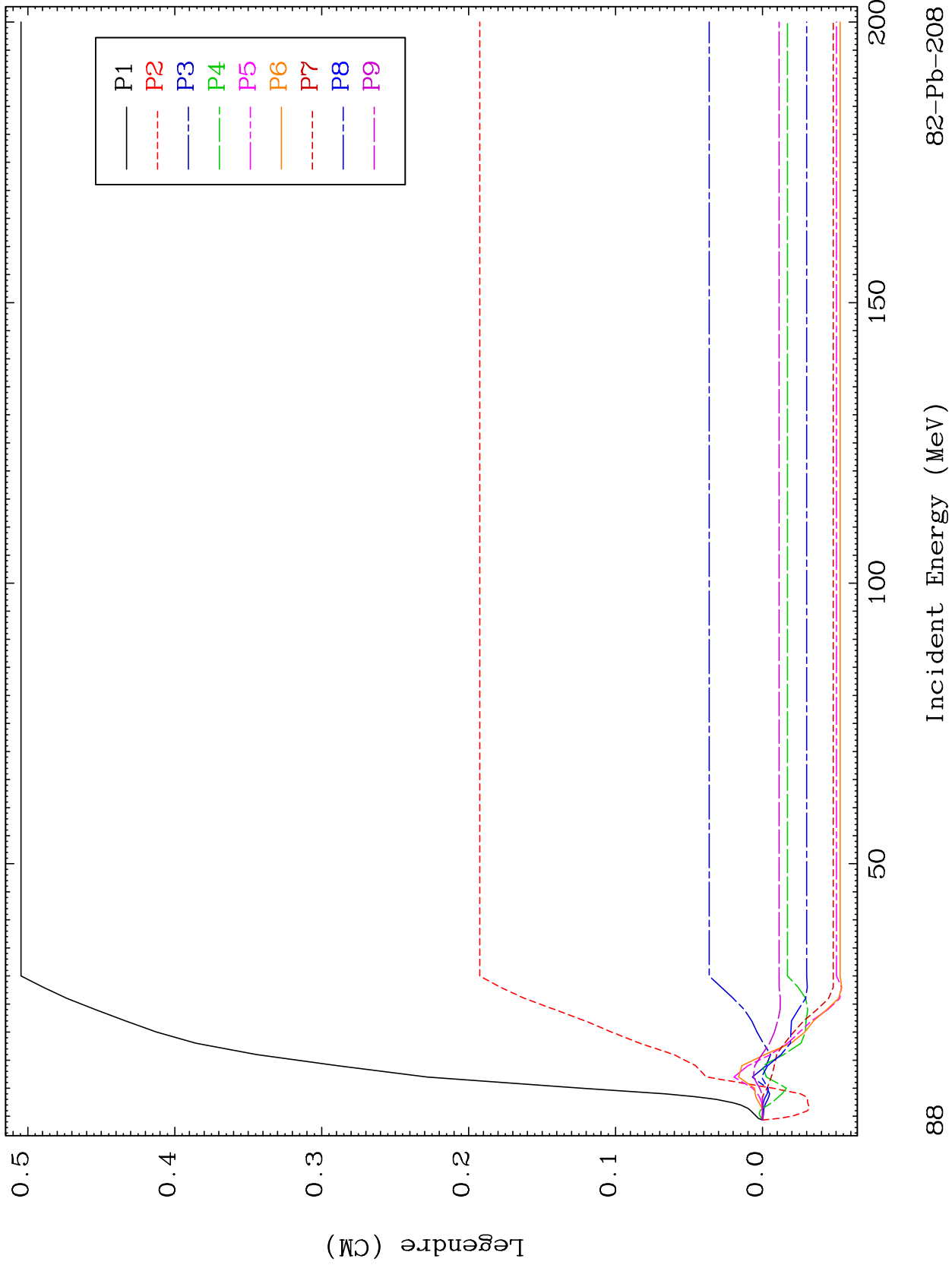
86

82-Pb-208

MAT 8237

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

82-Pb-208



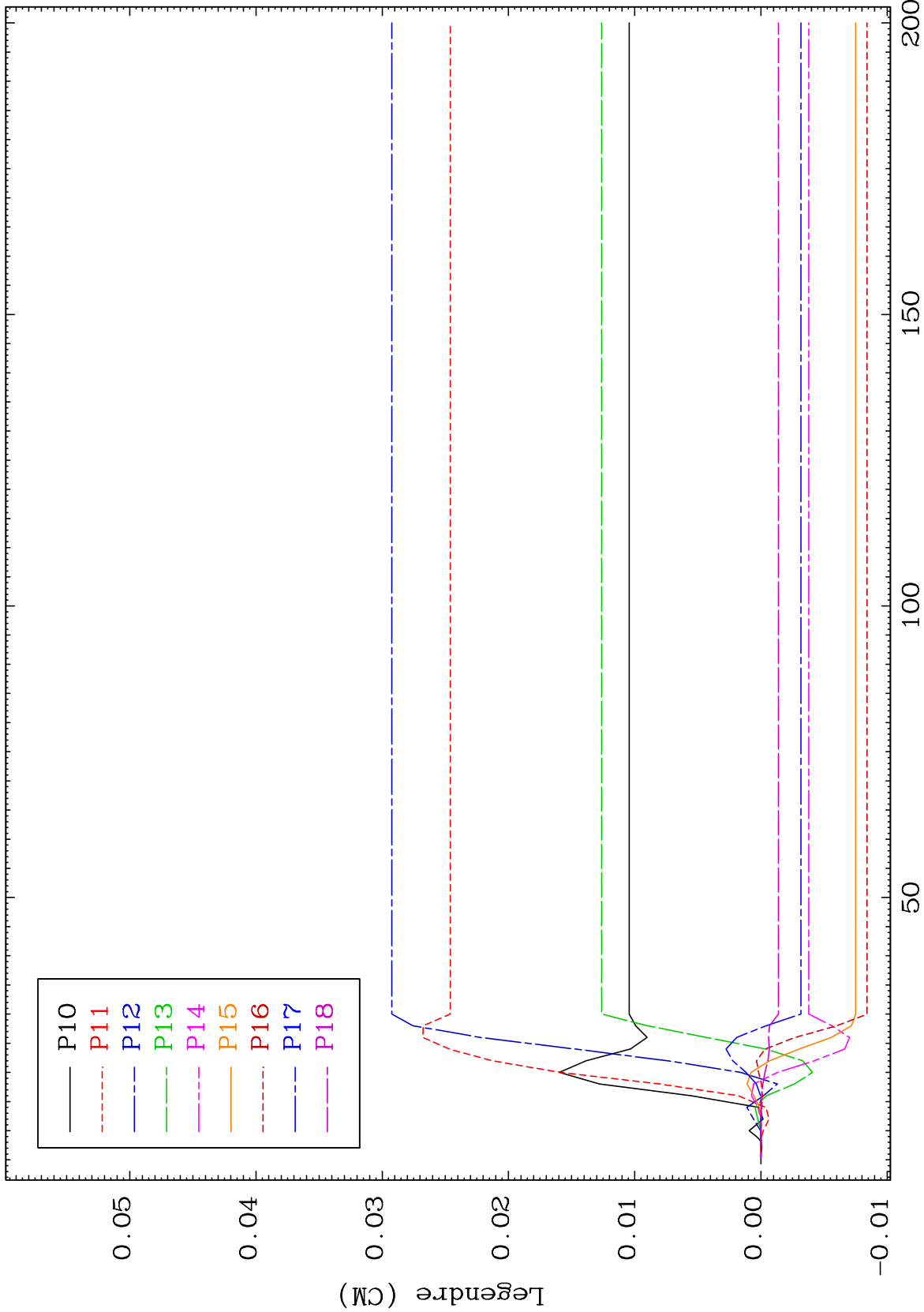
88

82-Pb-208

MAT 8237

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

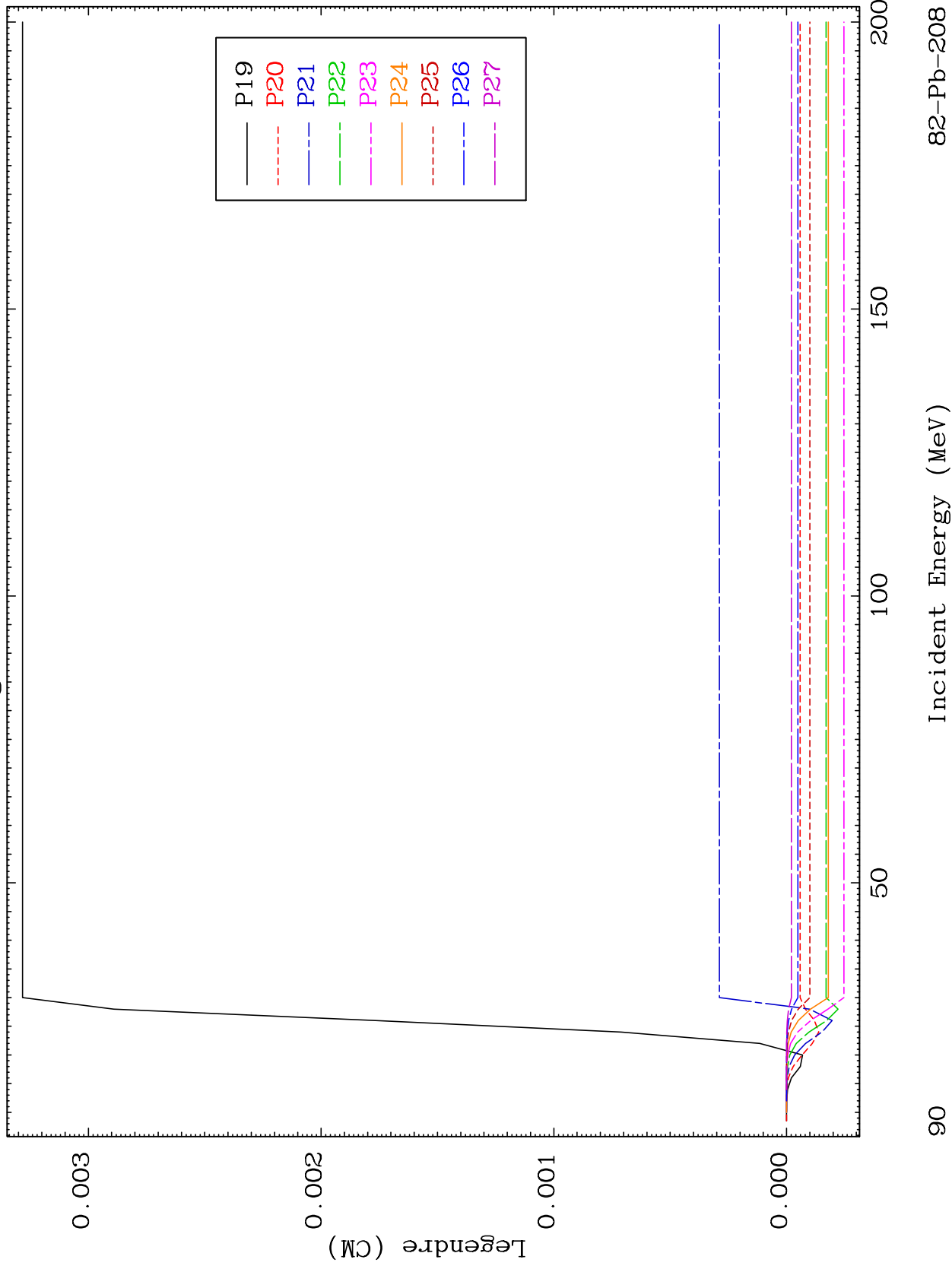
82-Pb-208



MAT 8237

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

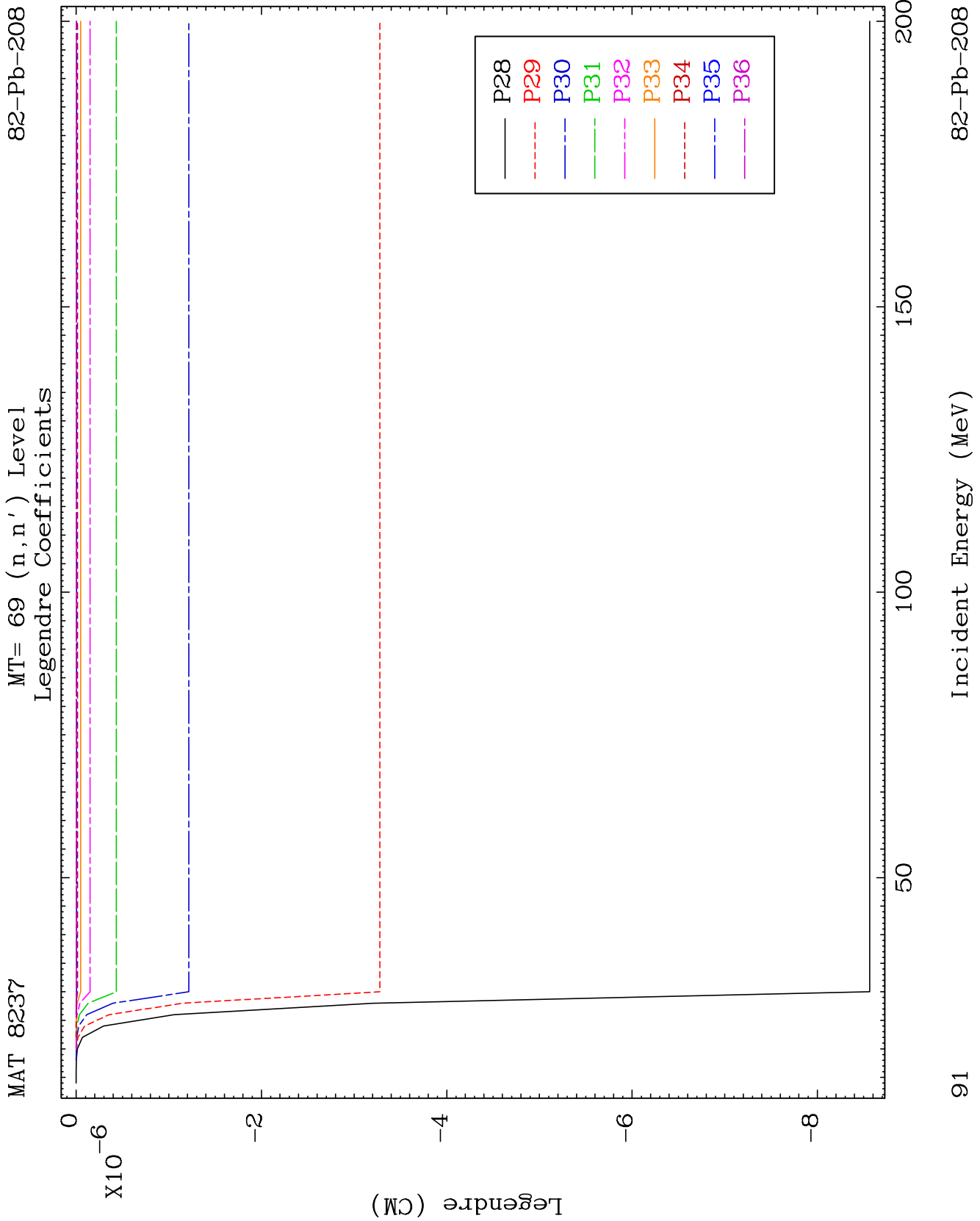
82-Pb-208



90

Incident Energy (MeV)

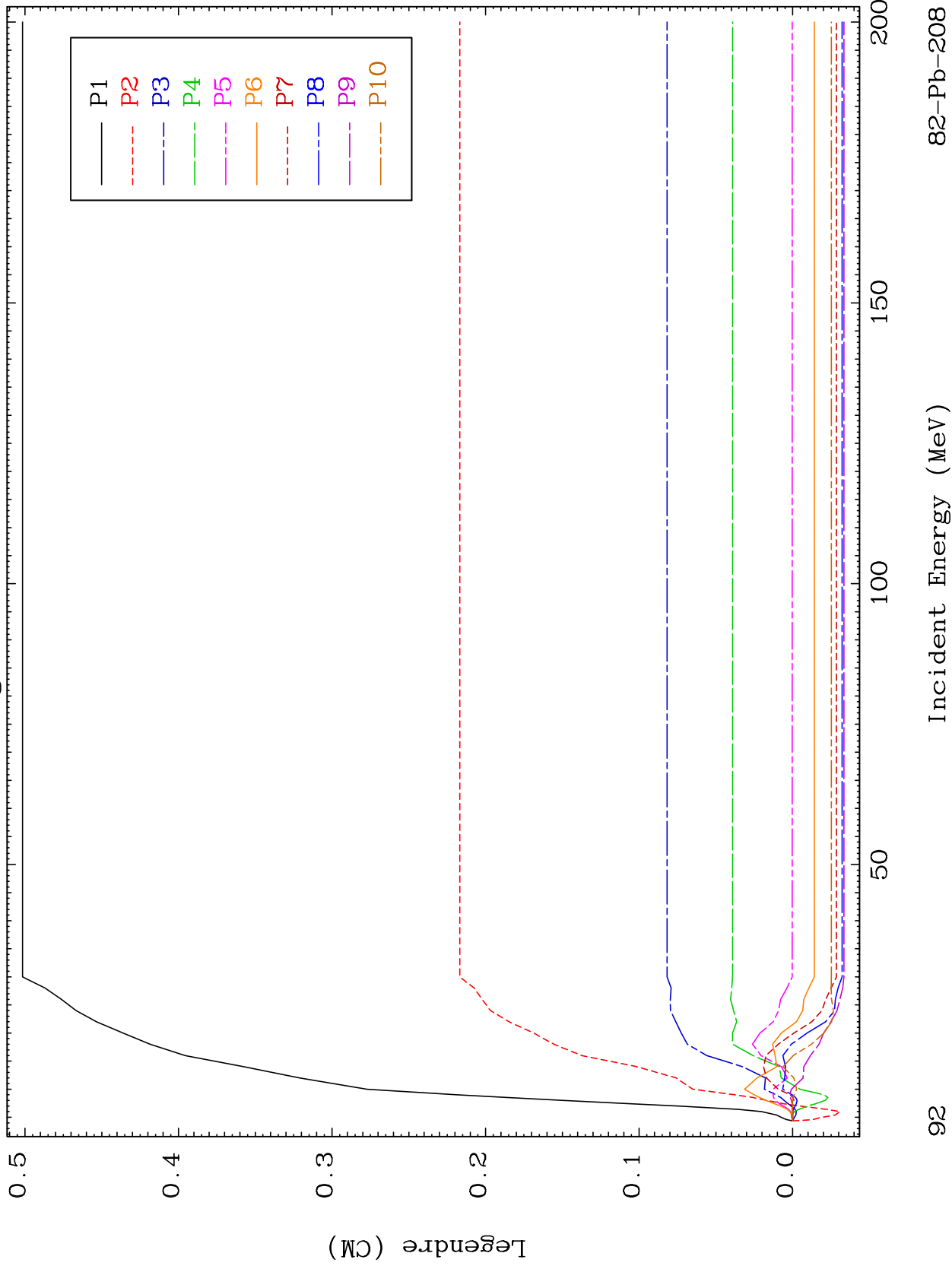
82-Pb-208



MAT 8237

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

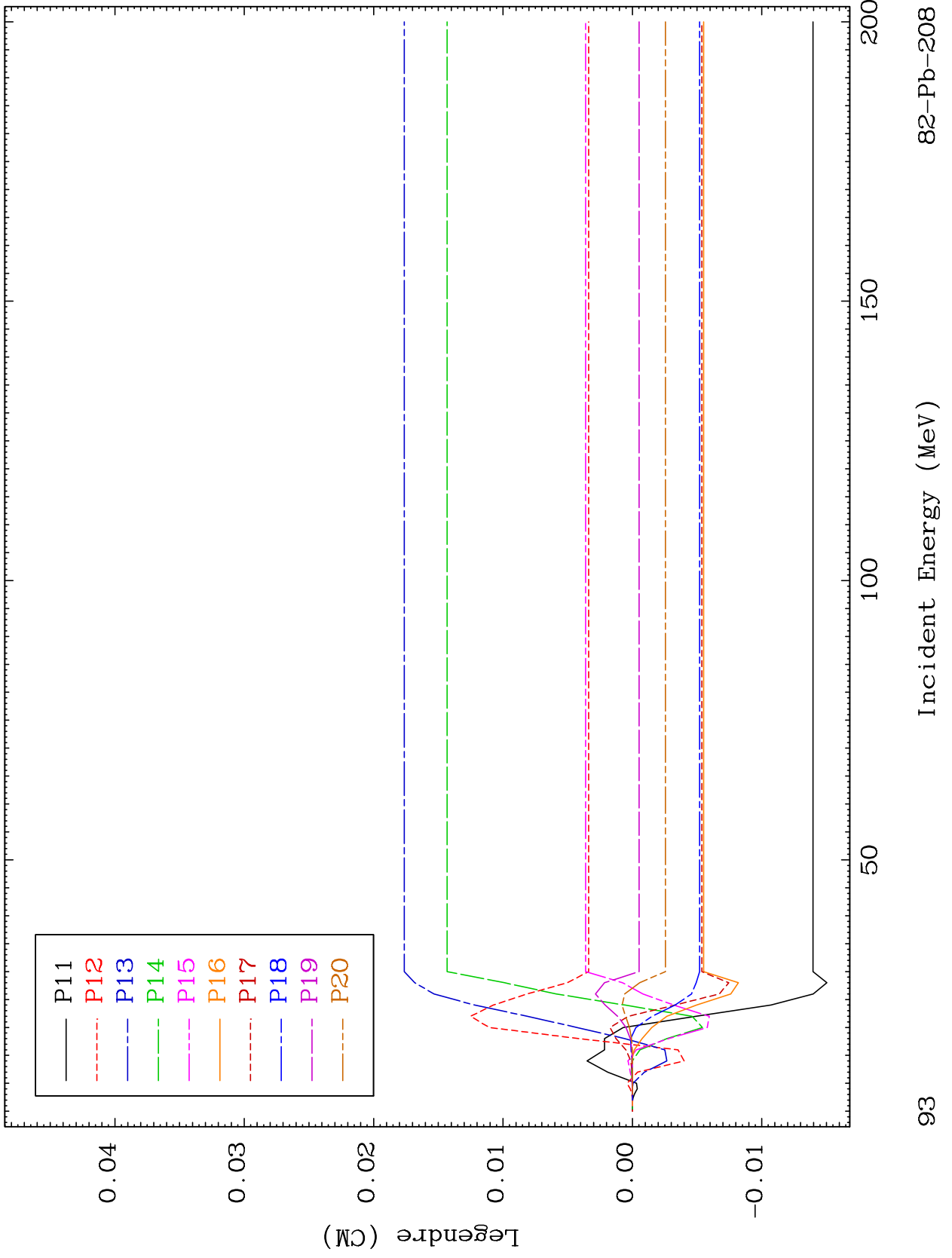
82-Pb-208



MAT 8237

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

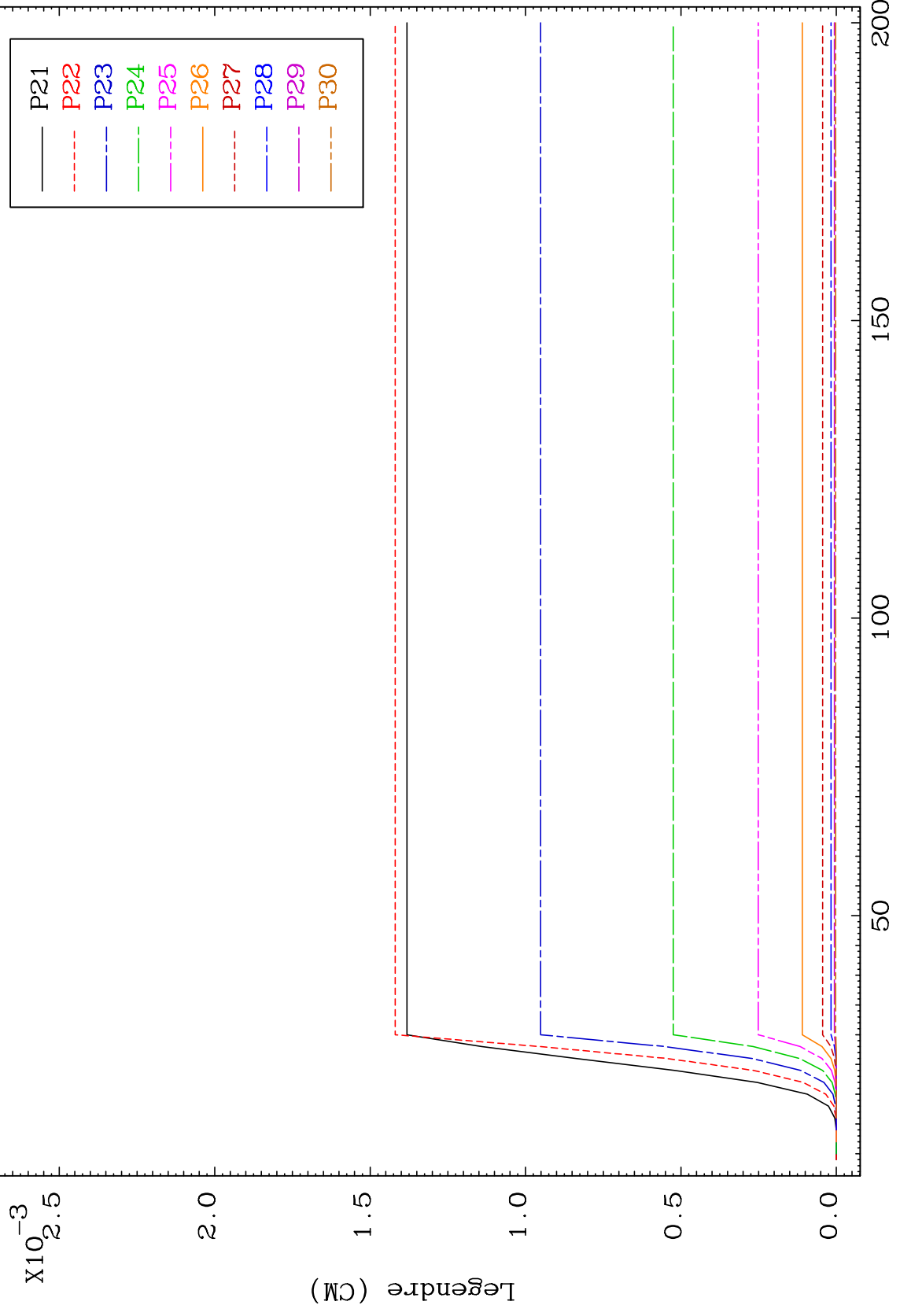
82-Pb-208



MAT 8237

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

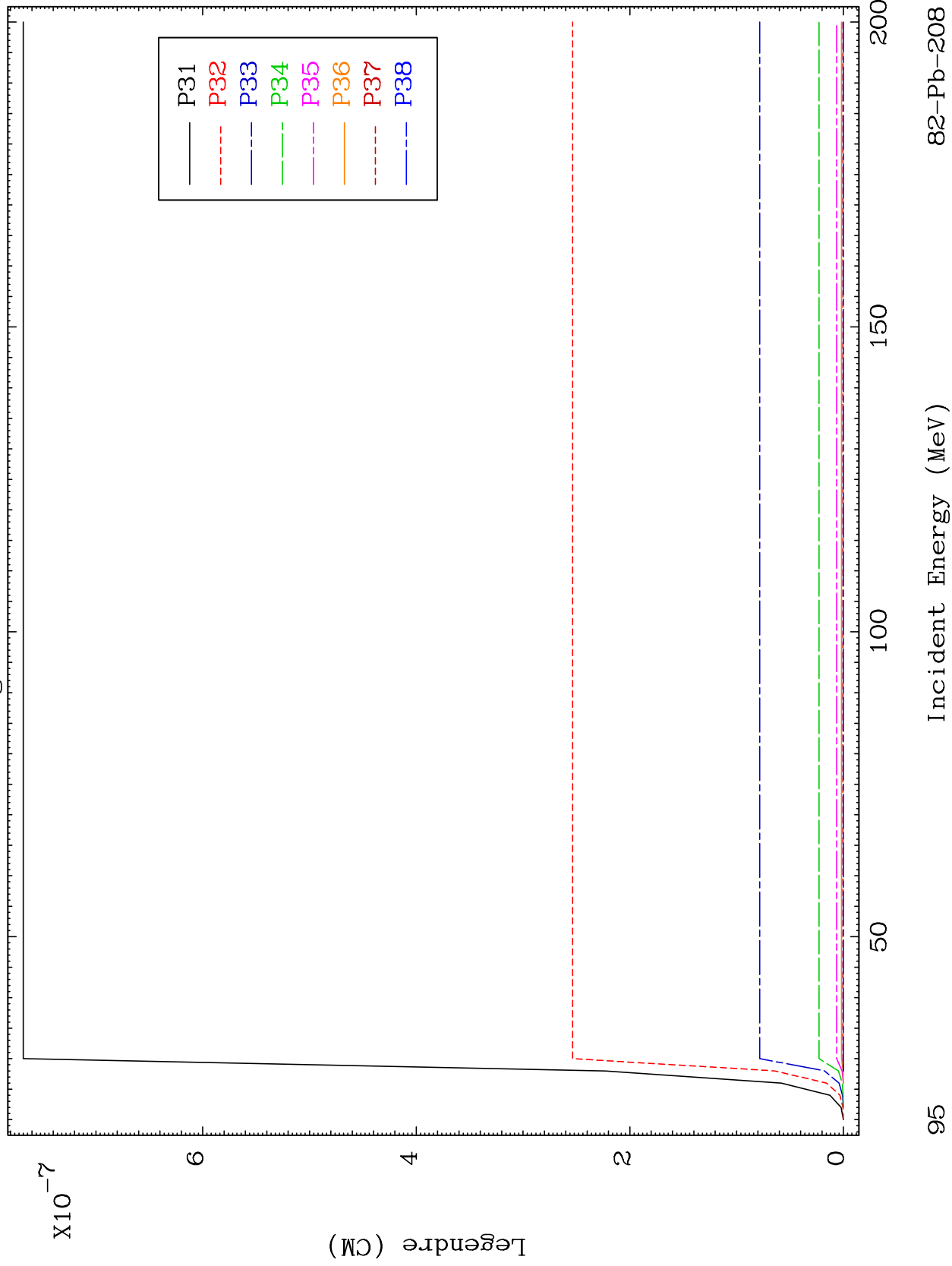
82-Pb-208



MAT 8237

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

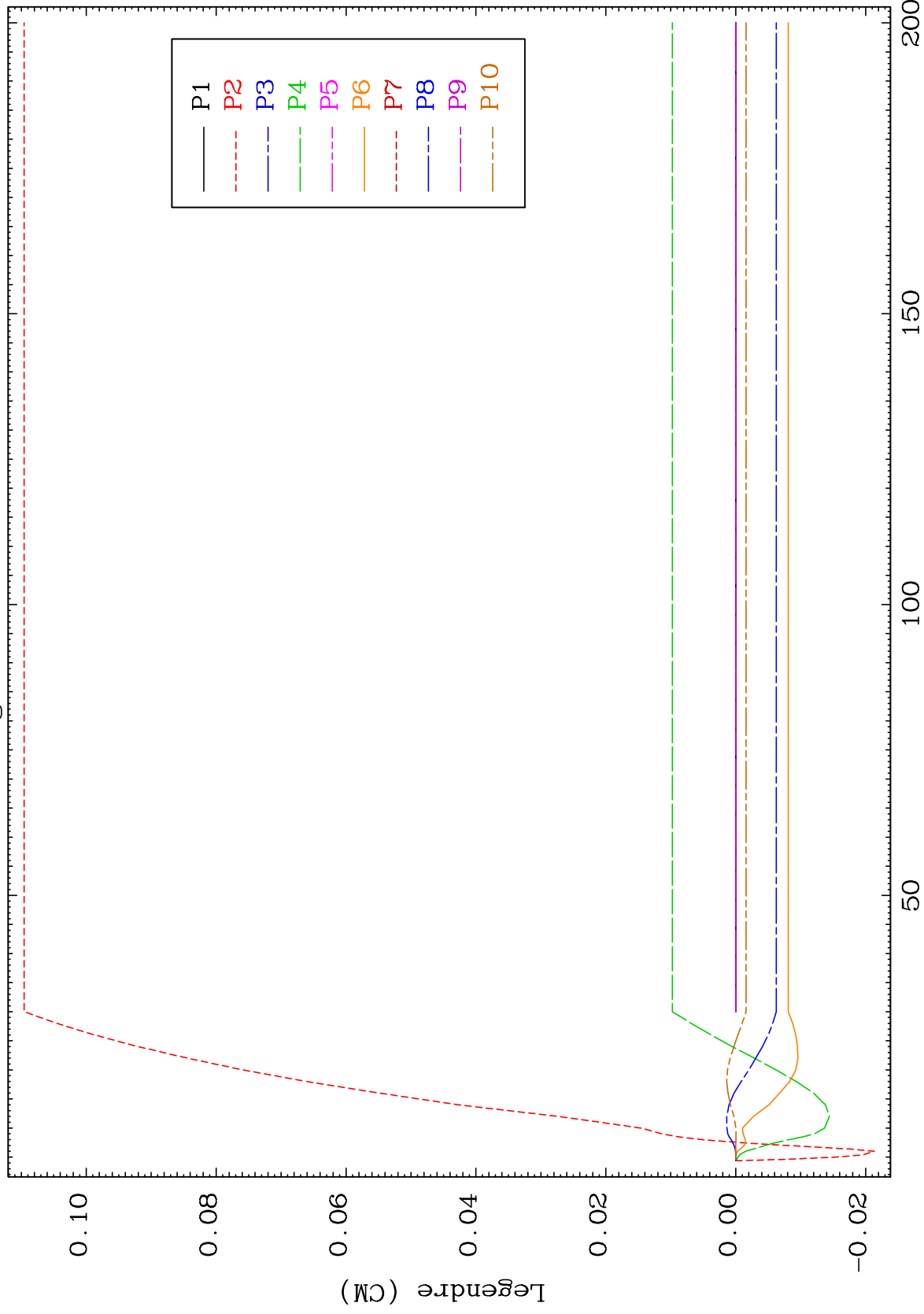
82-Pb-208



MAT 8237

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

82-Pb-208



96

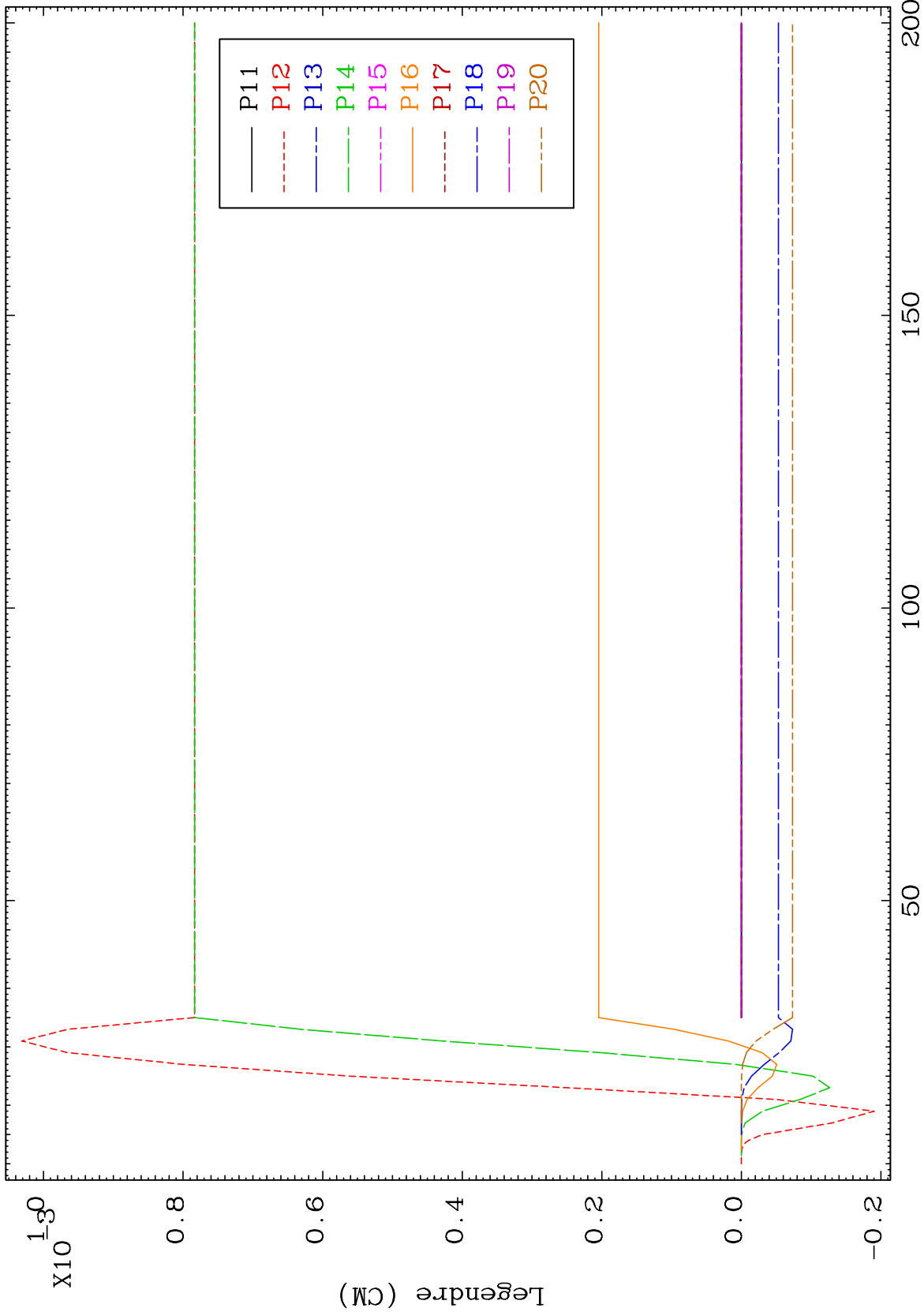
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

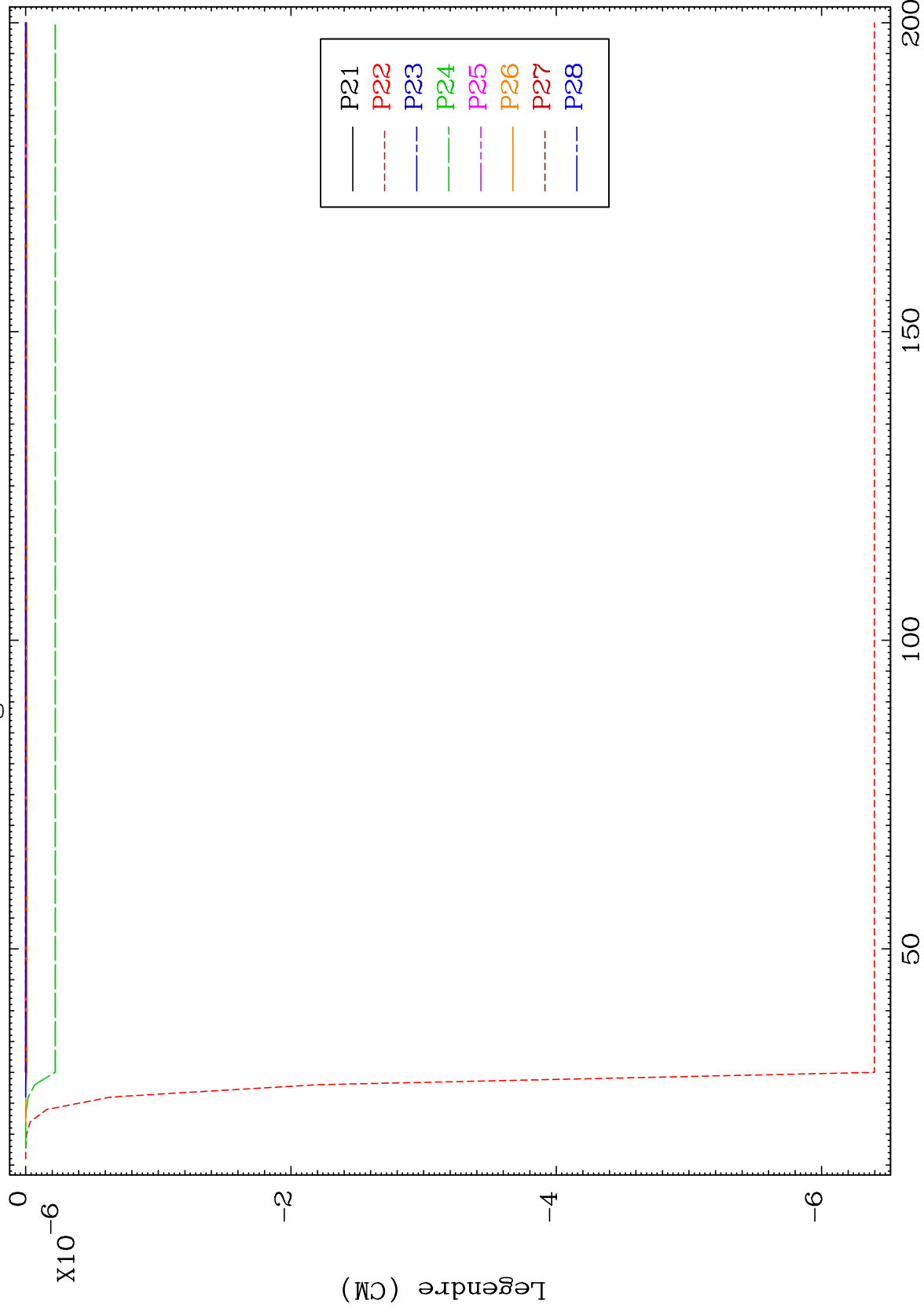
82-Pb-208



MAT 8237

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

82-Pb-208



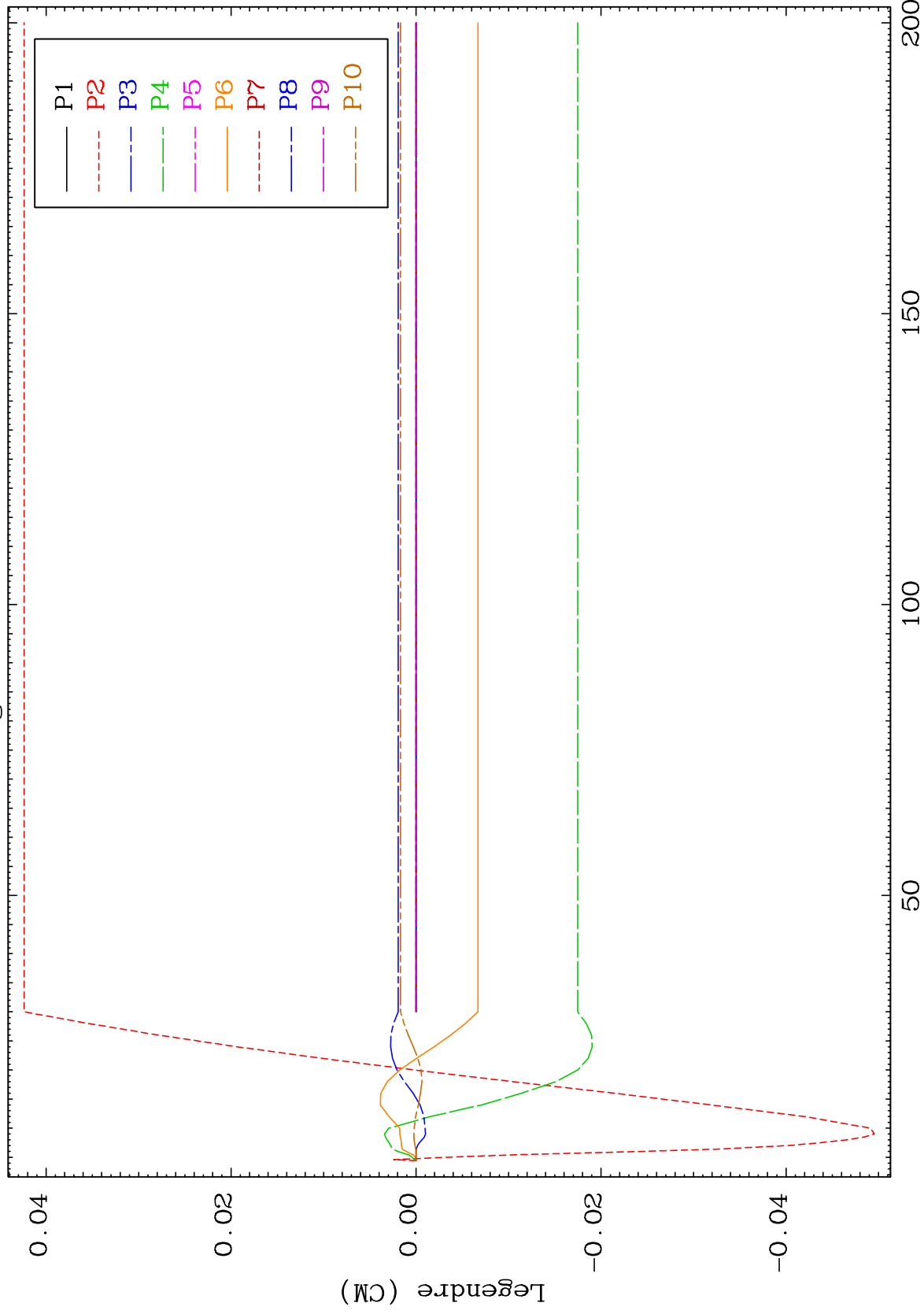
98

82-Pb-208

MAT 8237

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

82-Pb-208



99

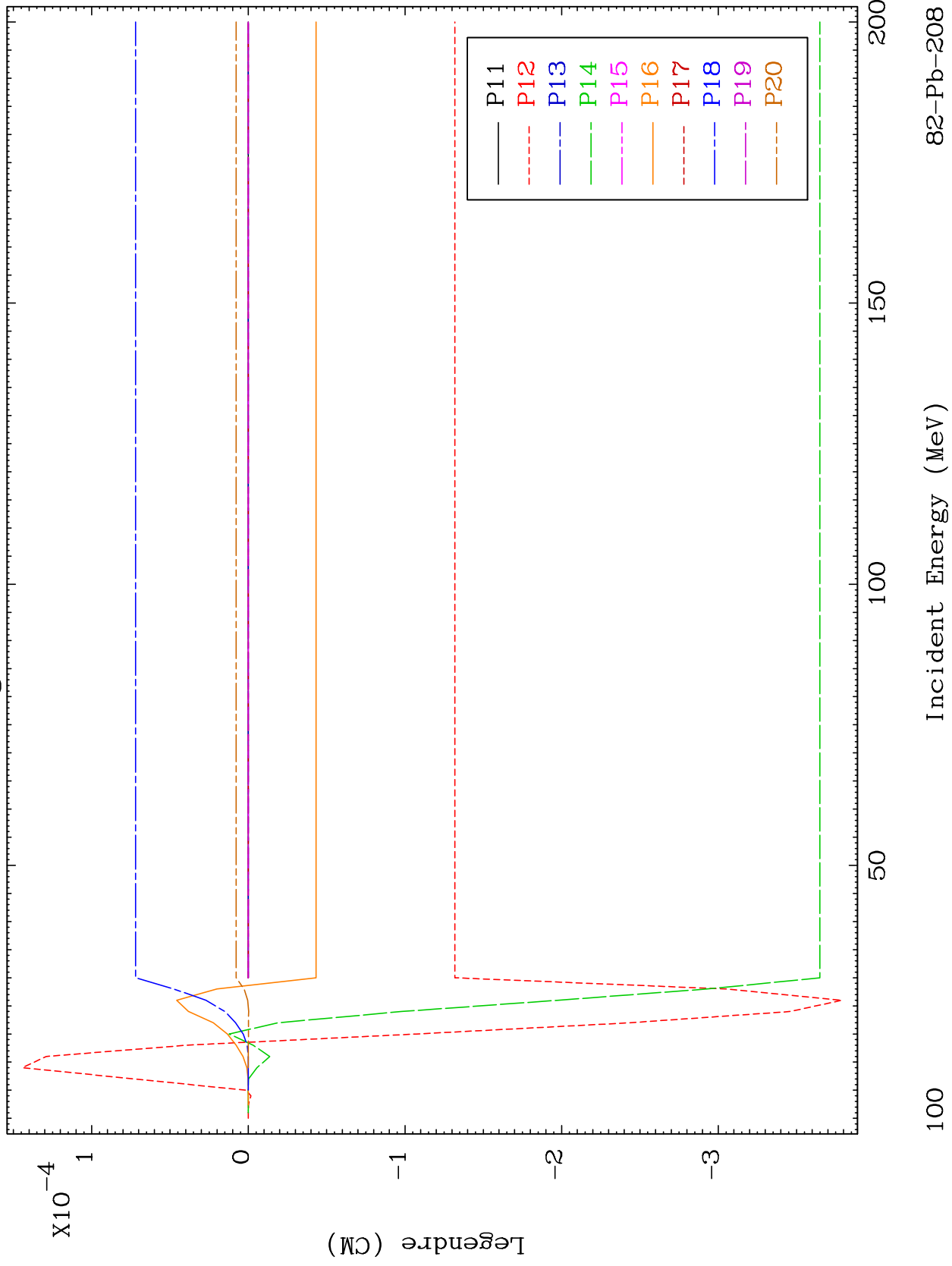
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



82-Pb-208

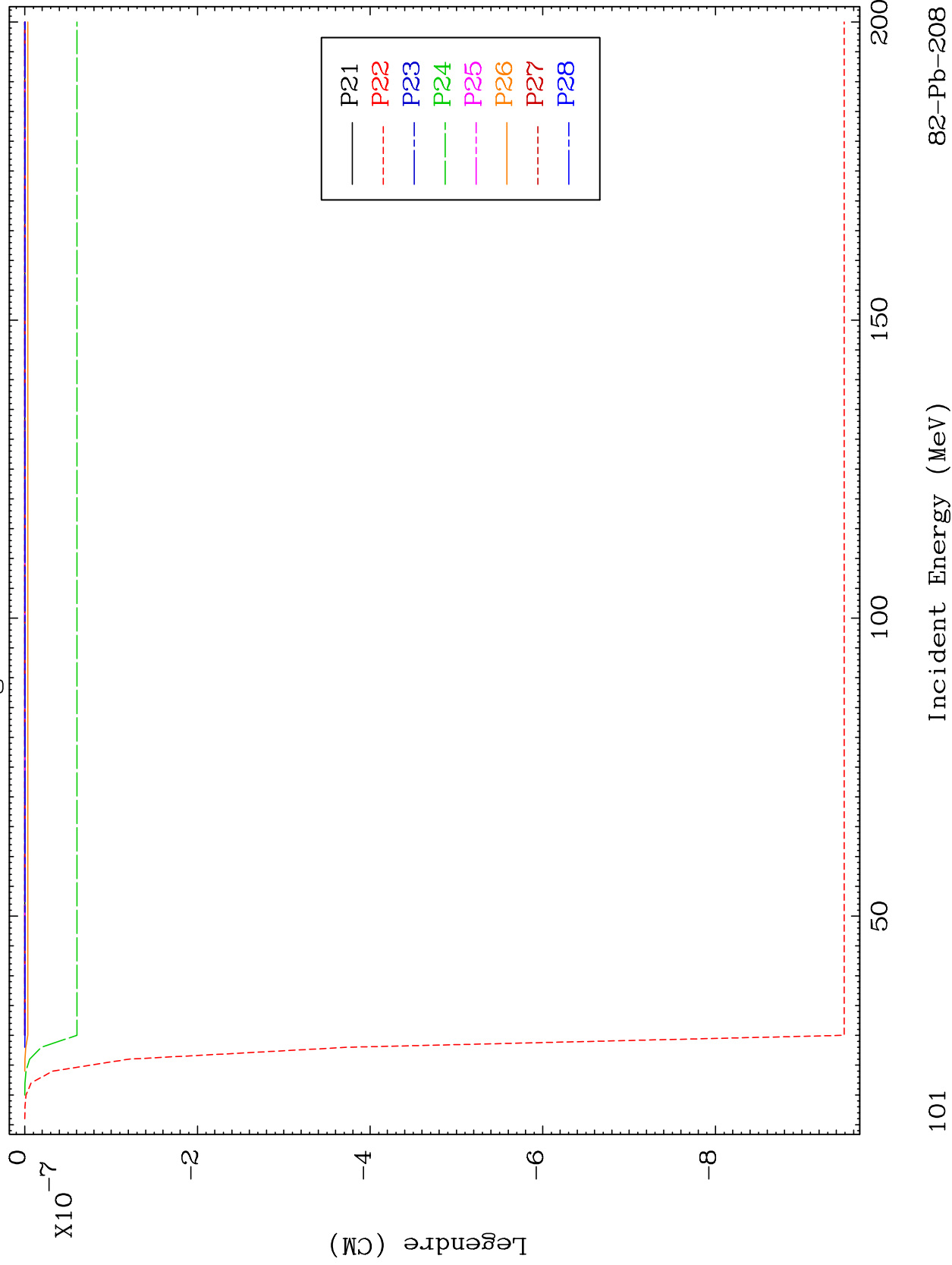
Incident Energy (MeV)

100

MAT 8237

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

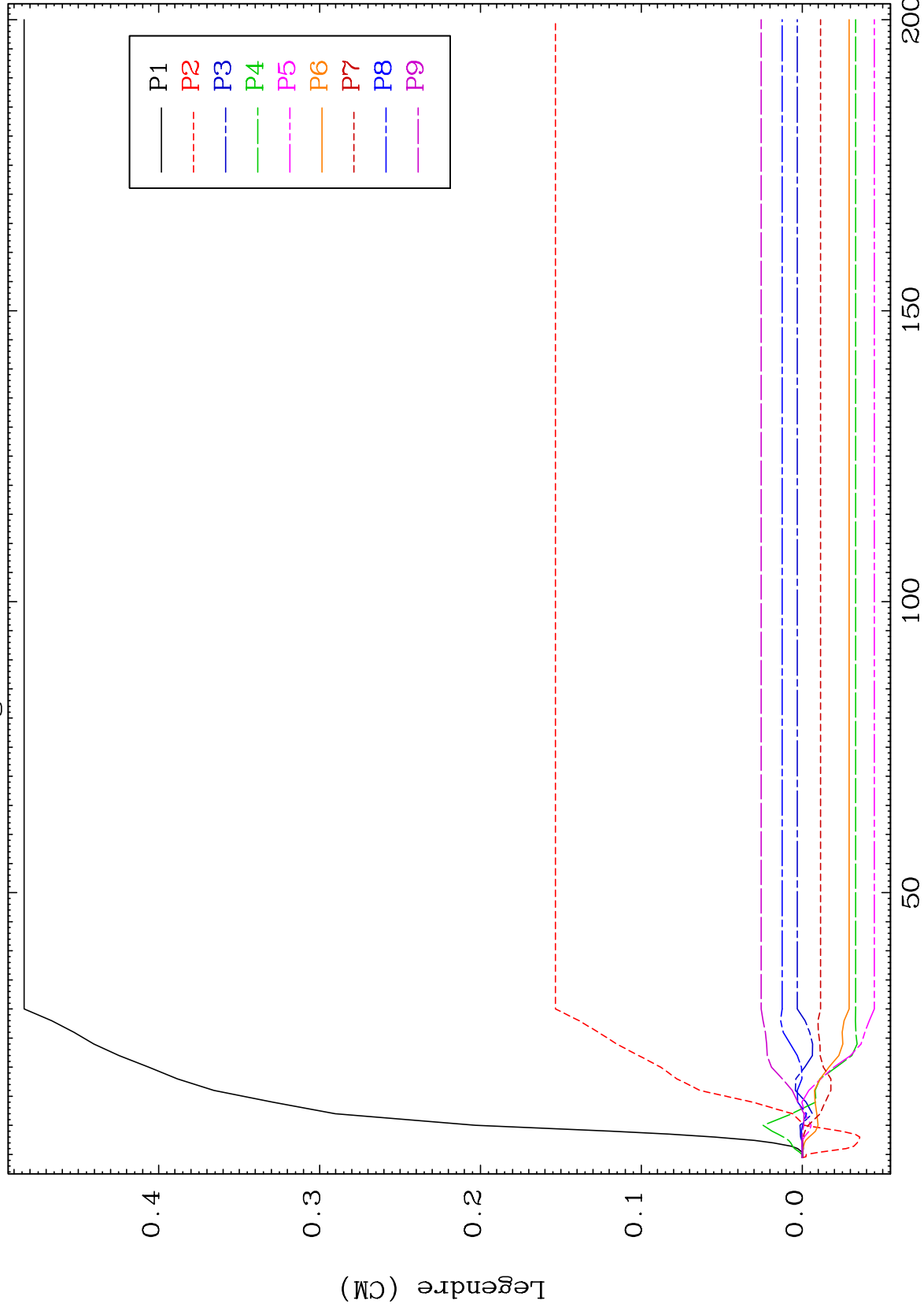
82-Pb-208



MAT 8237

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

82-Pb-208



102

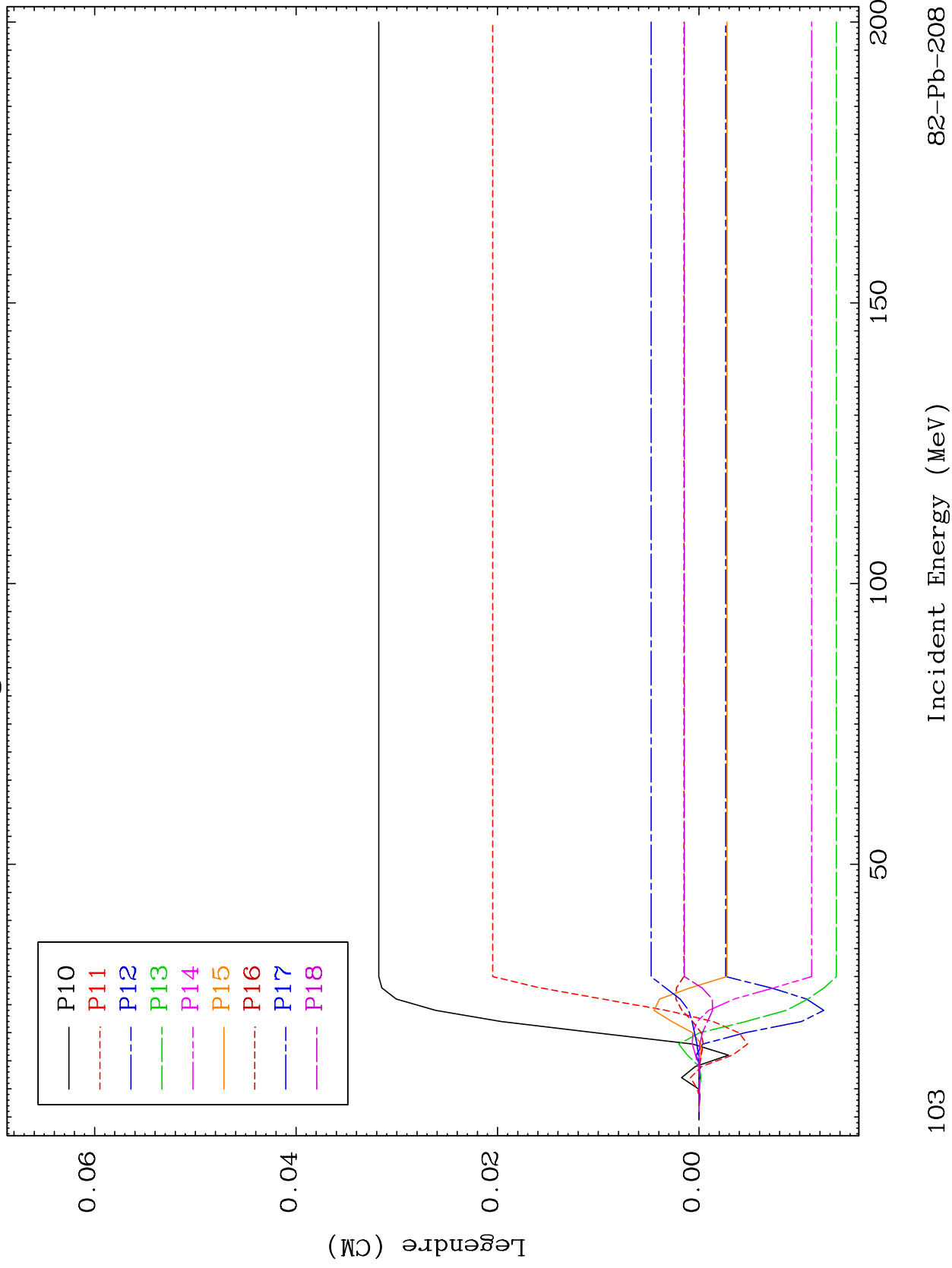
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



103

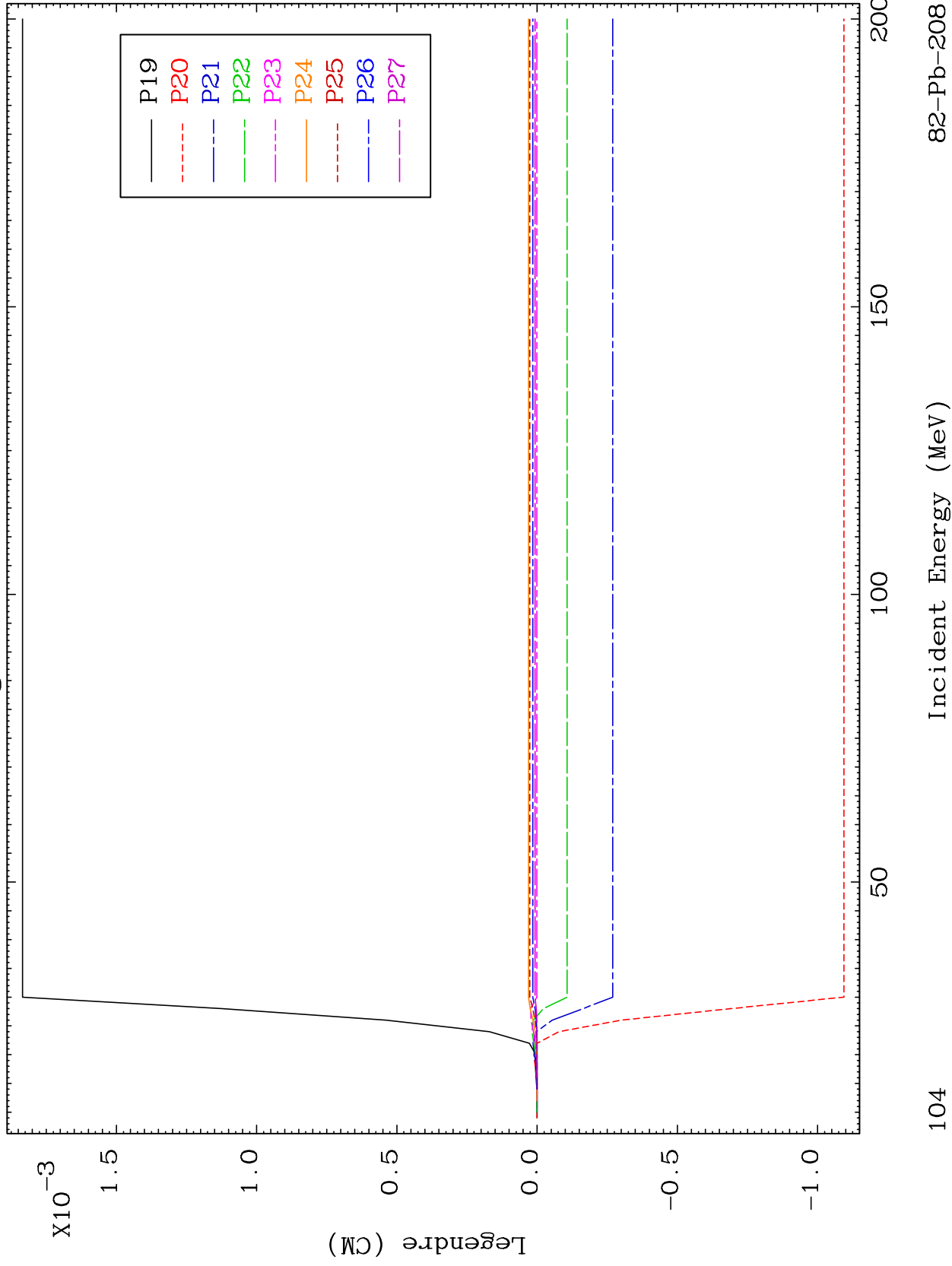
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

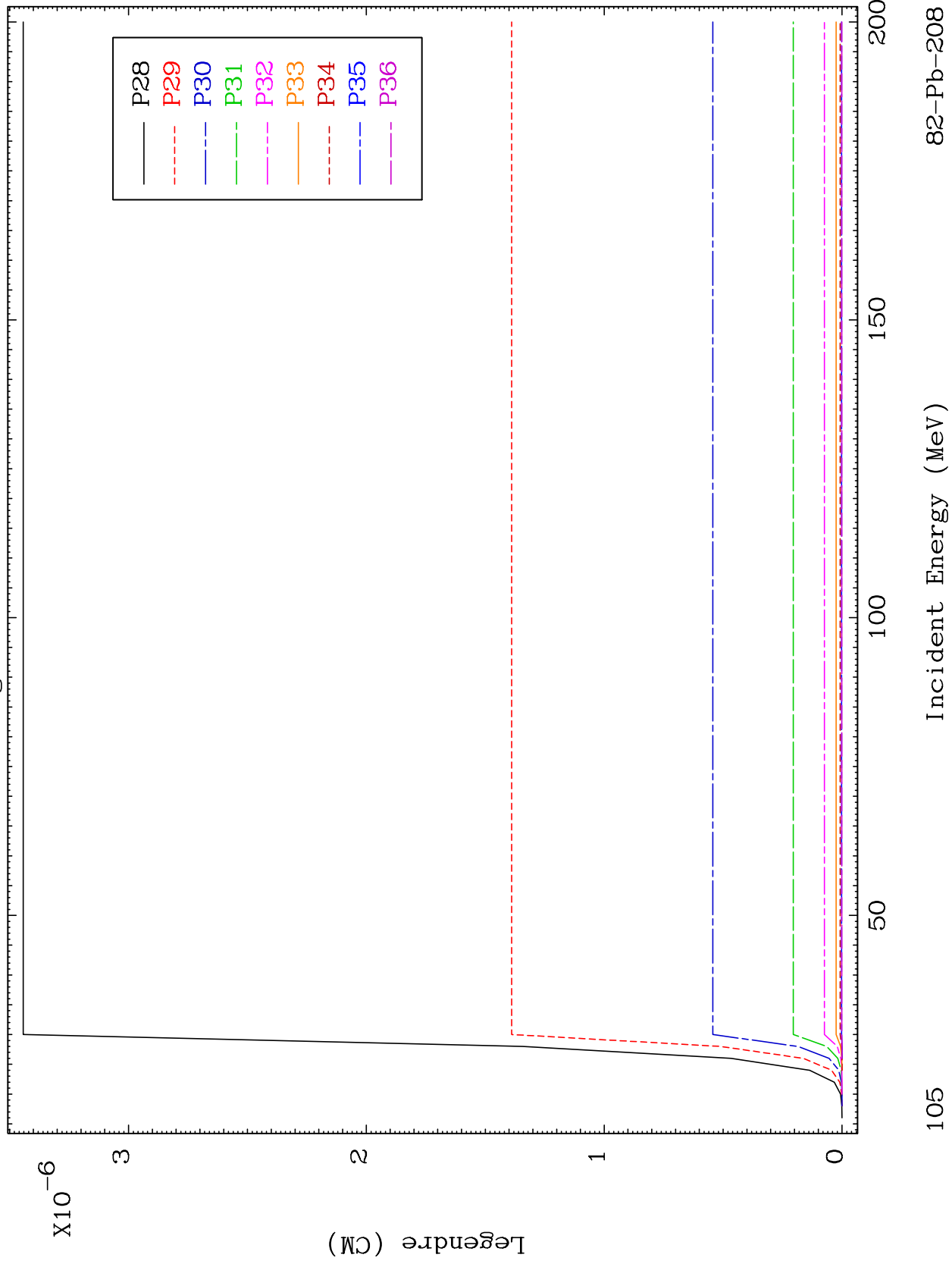
82-Pb-208

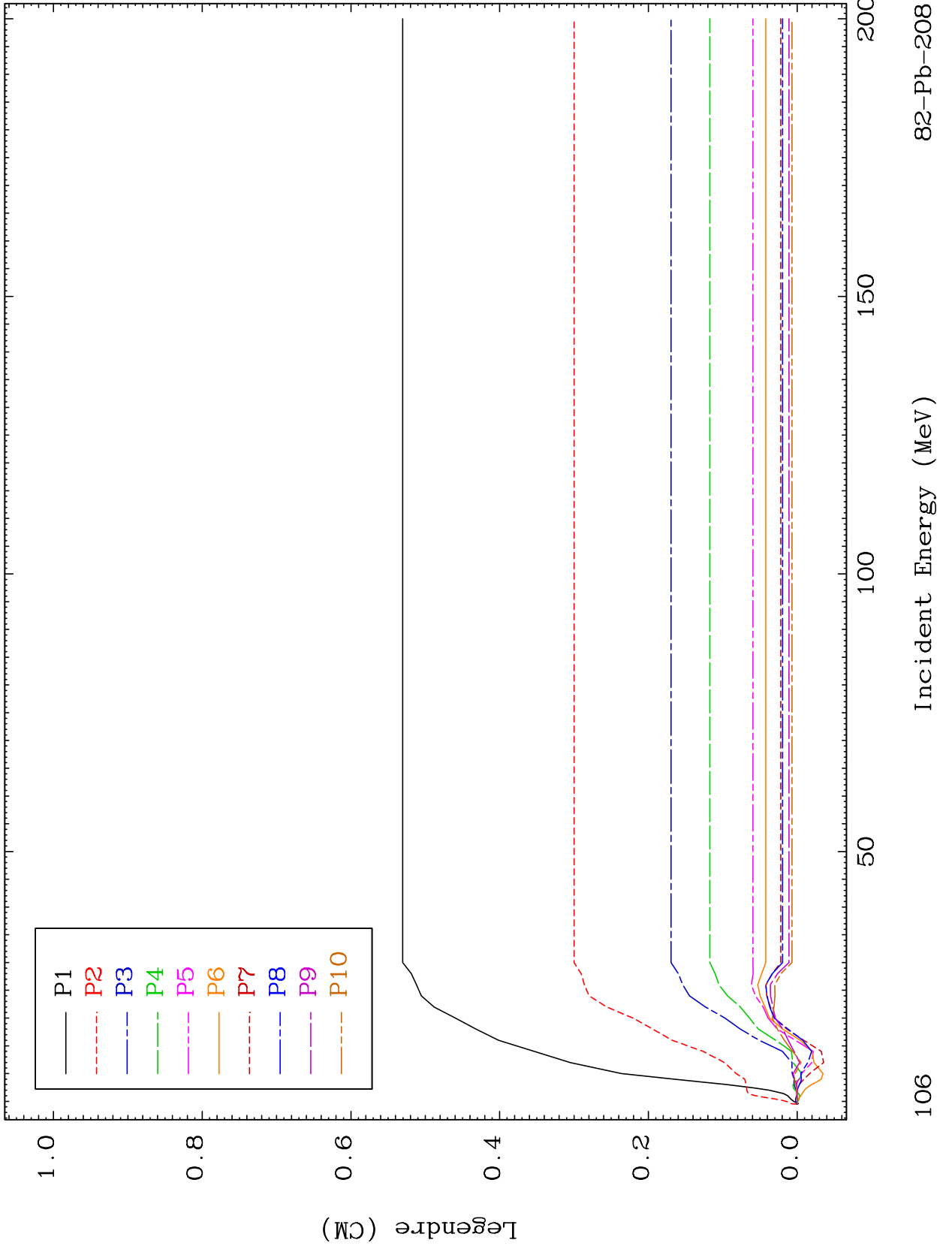


MAT 8237

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

82-Pb-208

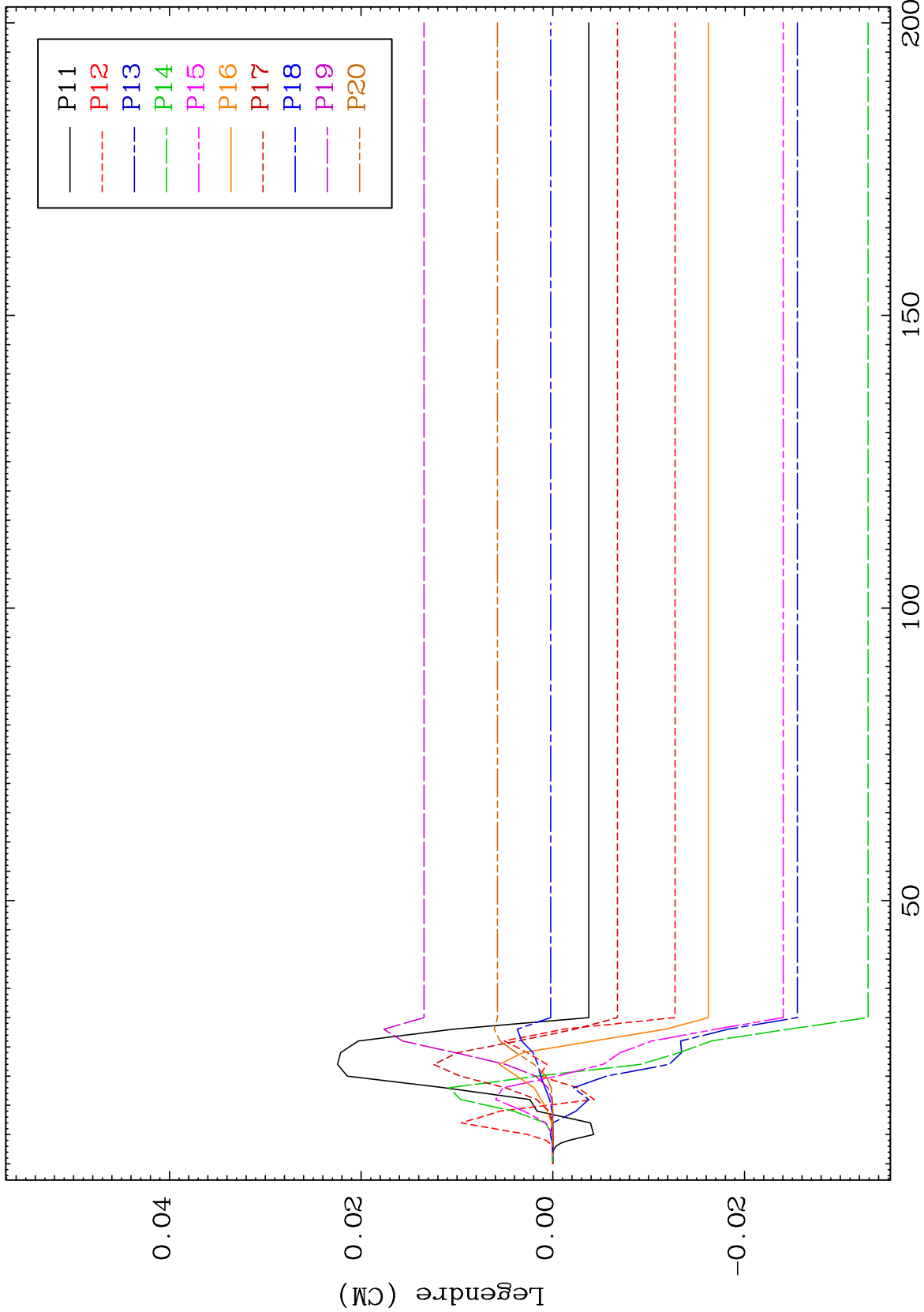




MAT 8237

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

82-Pb-208



107

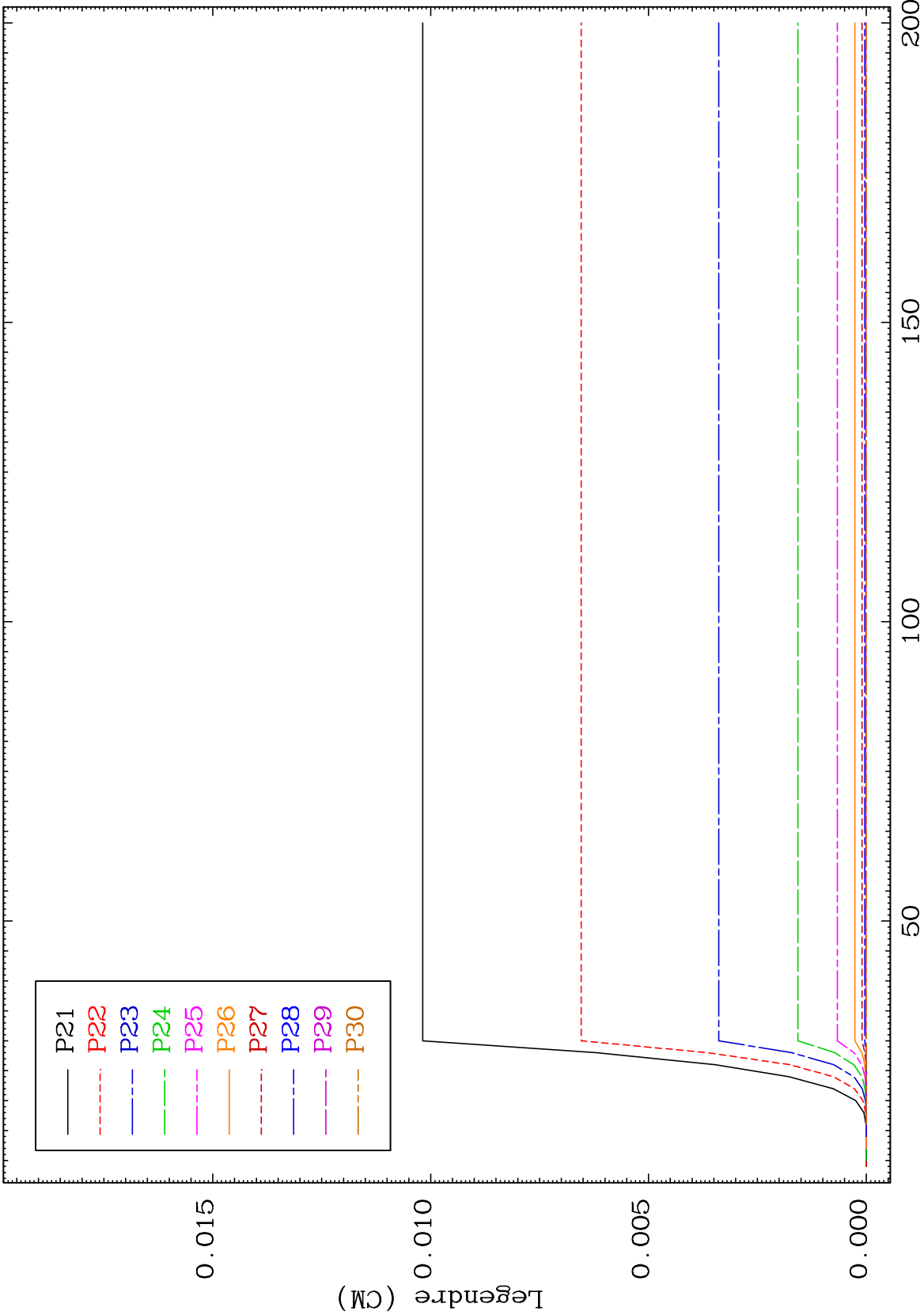
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



108

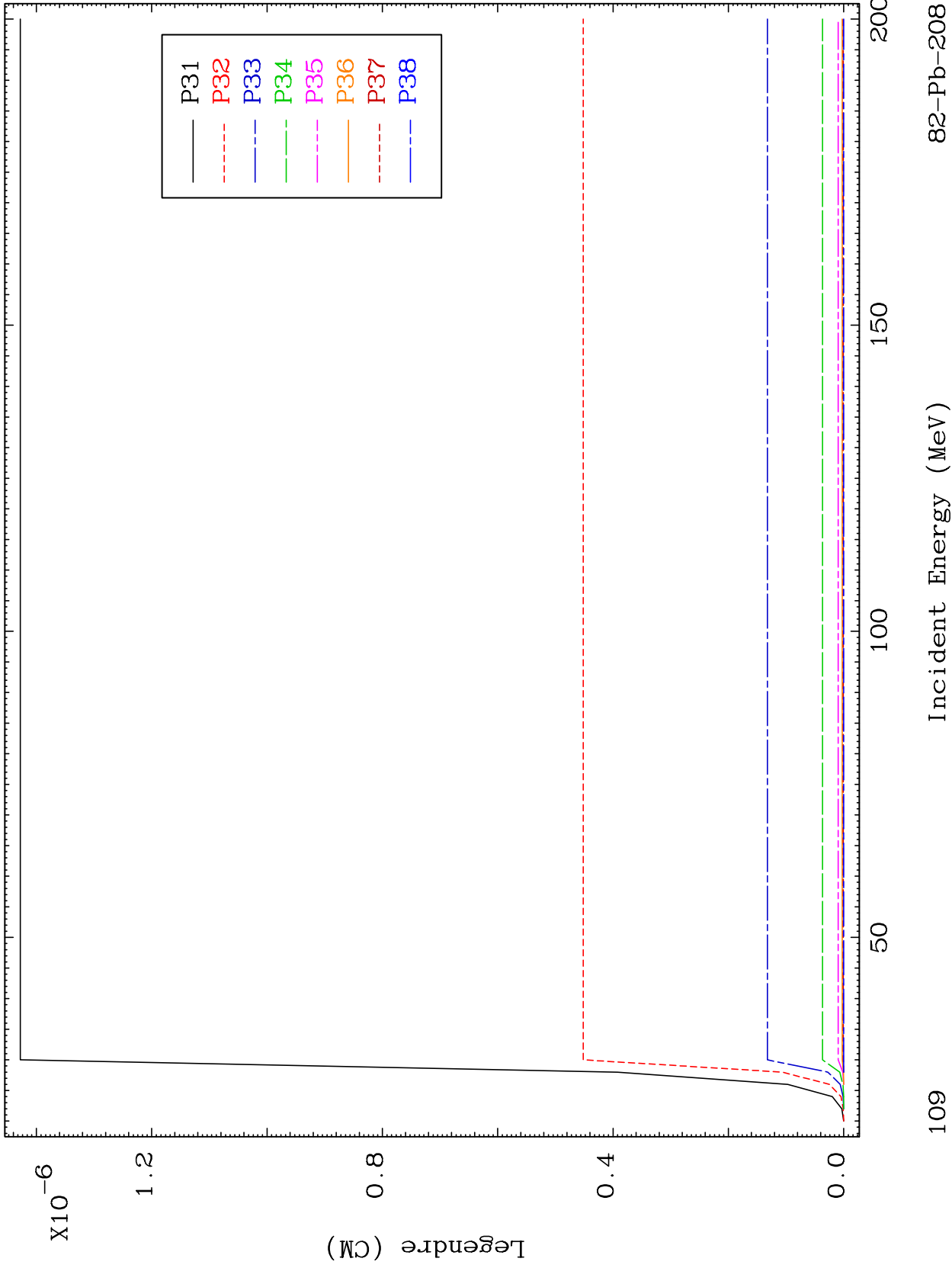
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208

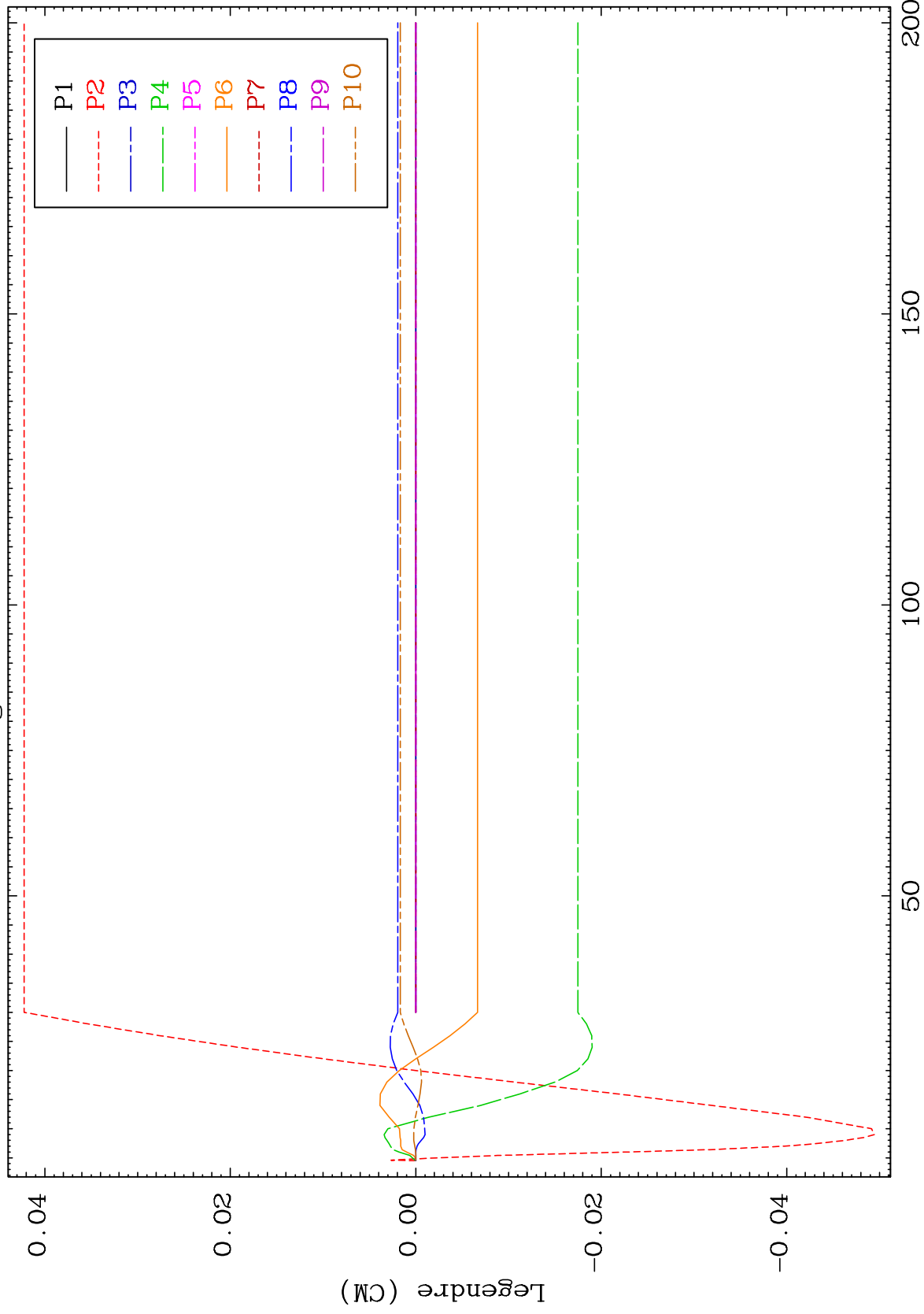


109

MAT 8237

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

82-Pb-208



82-Pb-208

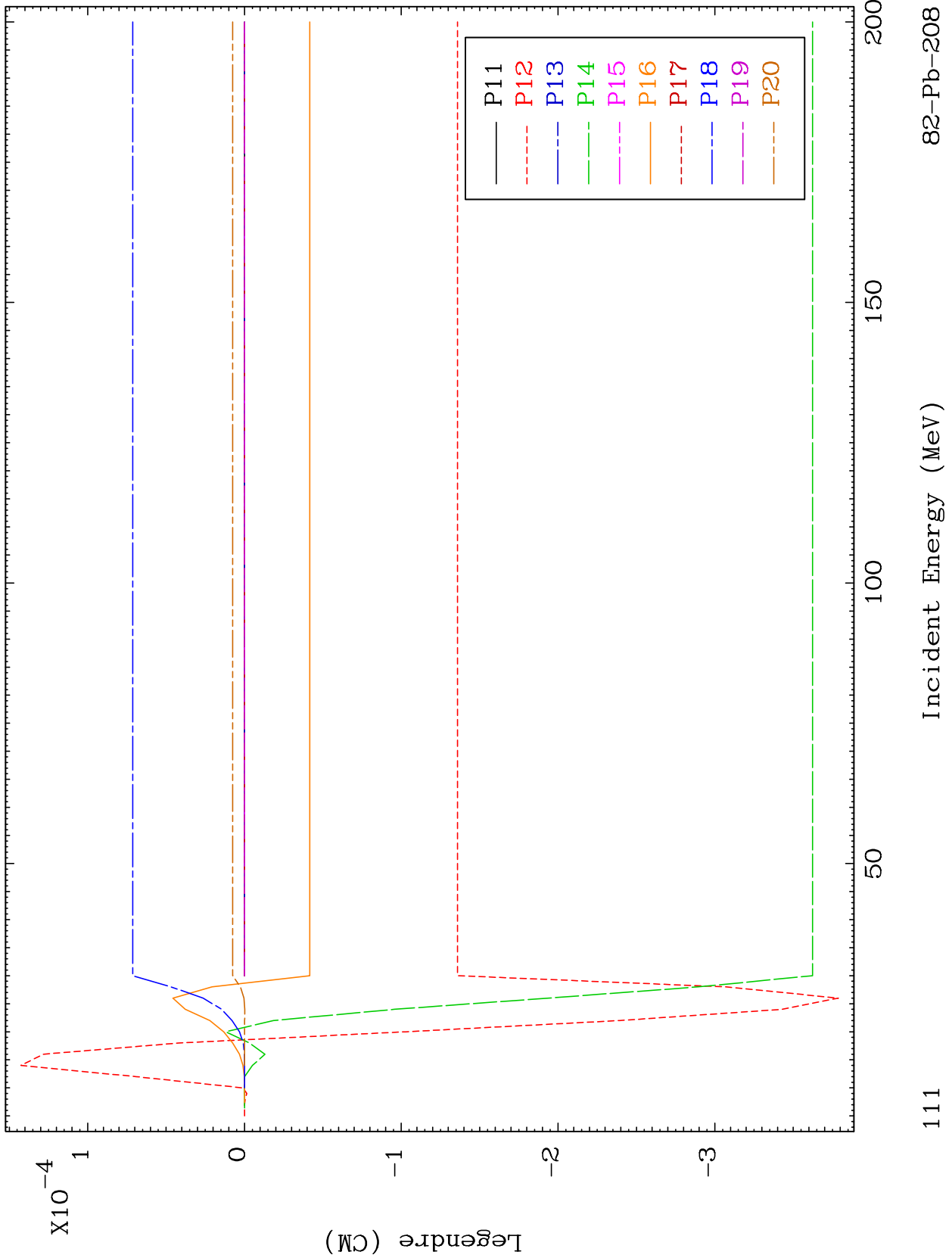
Incident Energy (MeV)

110

MAT 8237

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

82-Pb-208



111

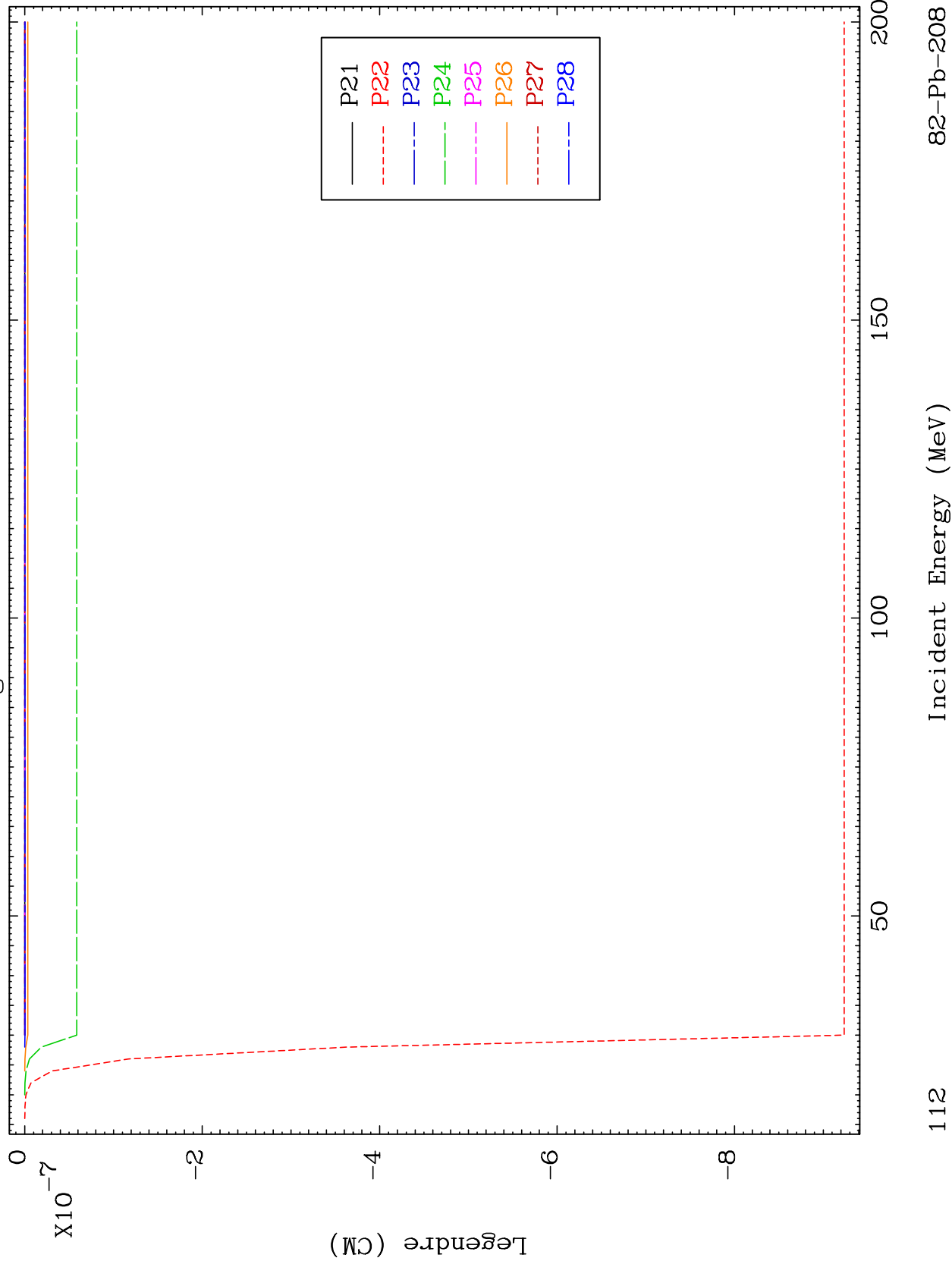
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

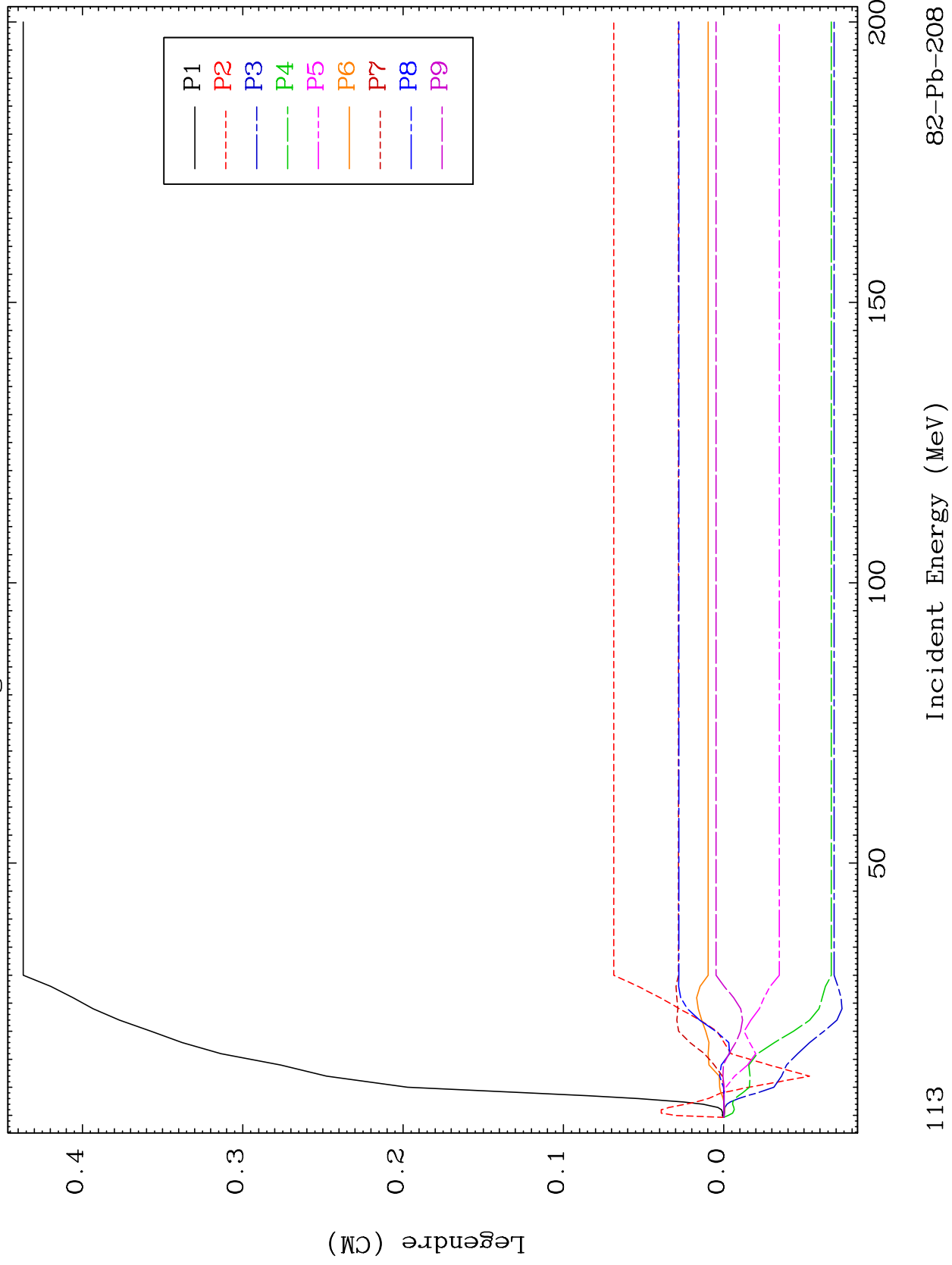
82-Pb-208



MAT 8237

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

82-Pb-208



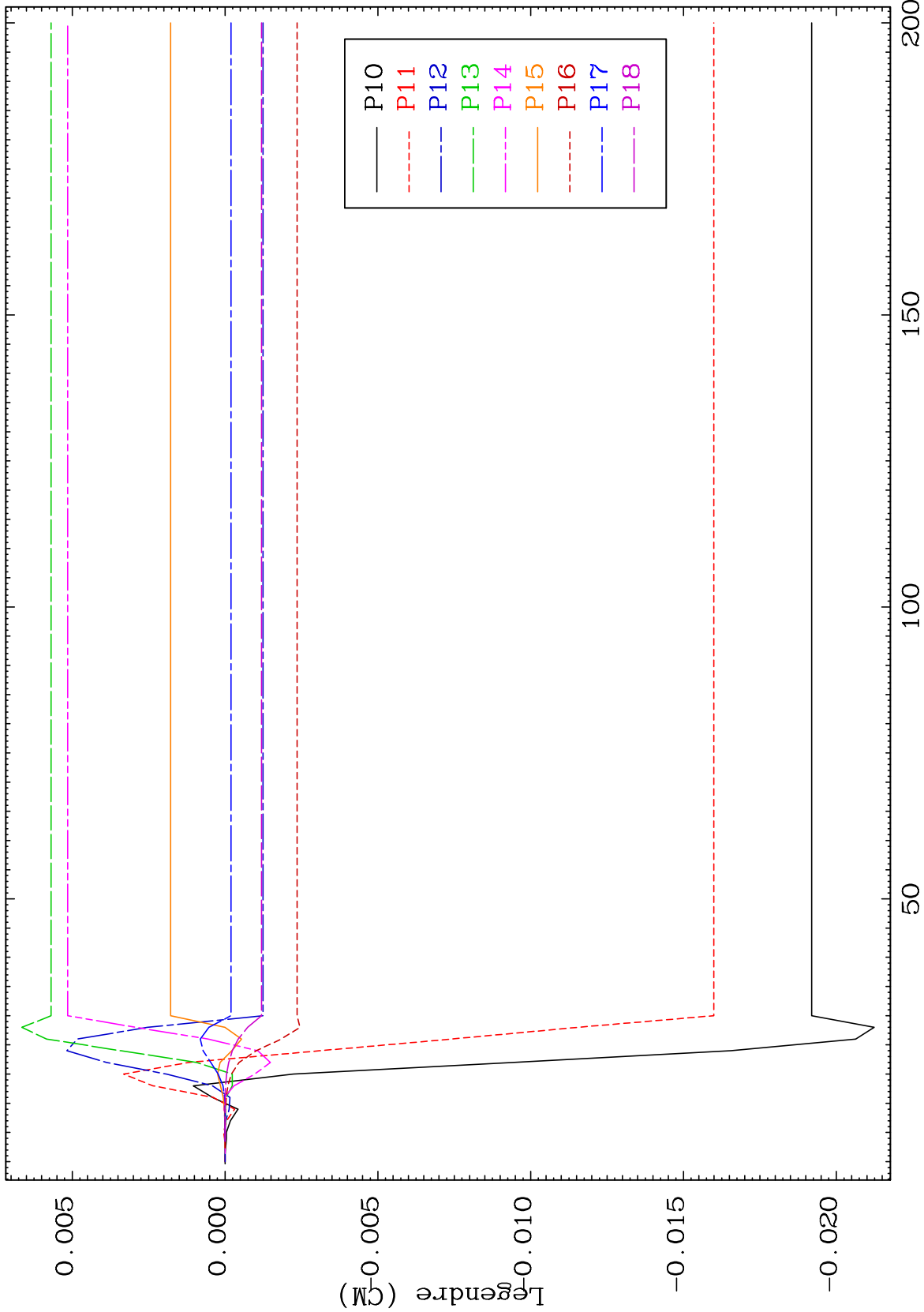
113

82-Pb-208

MAT 8237

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

82-Pb-208



114

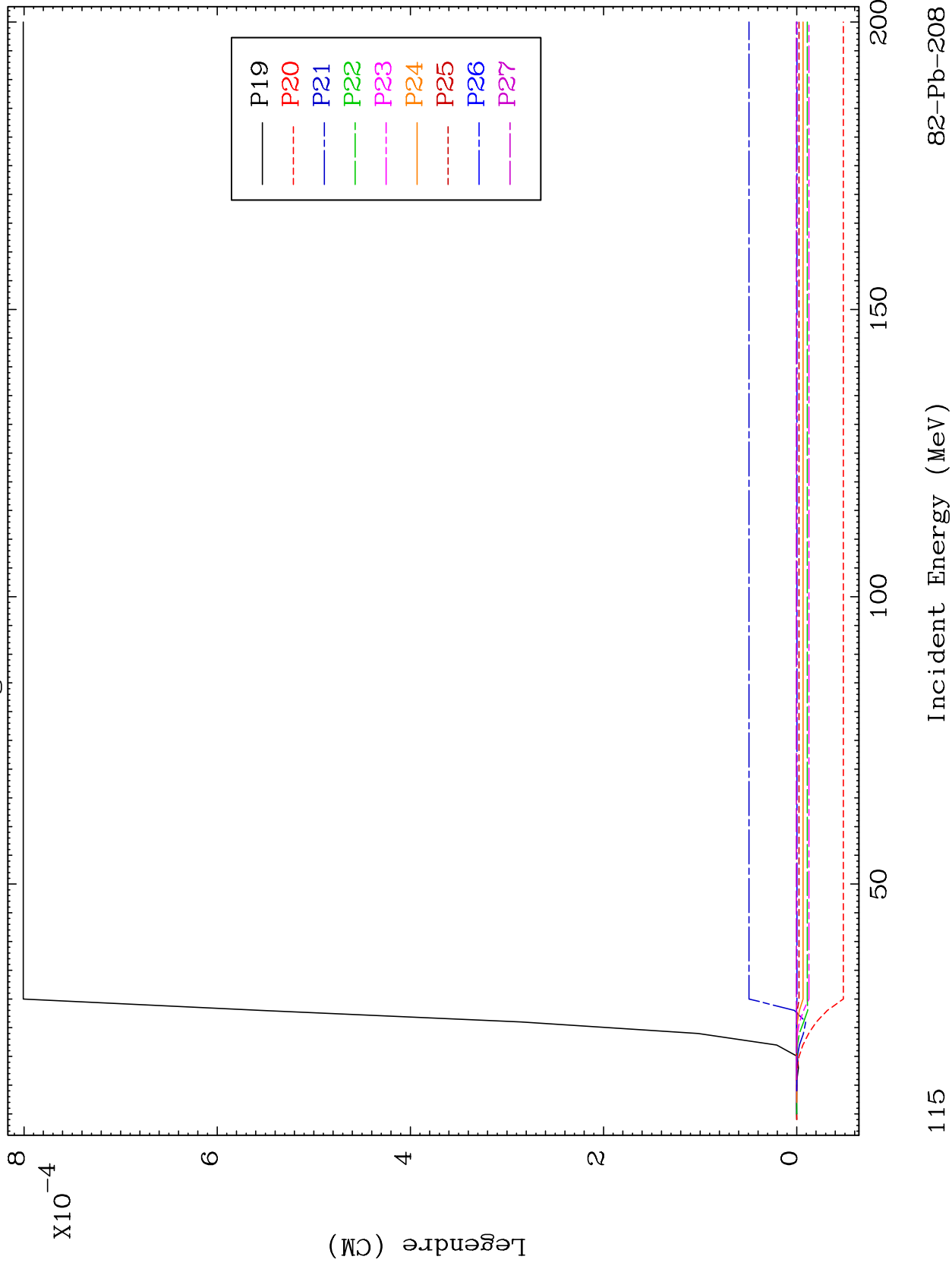
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

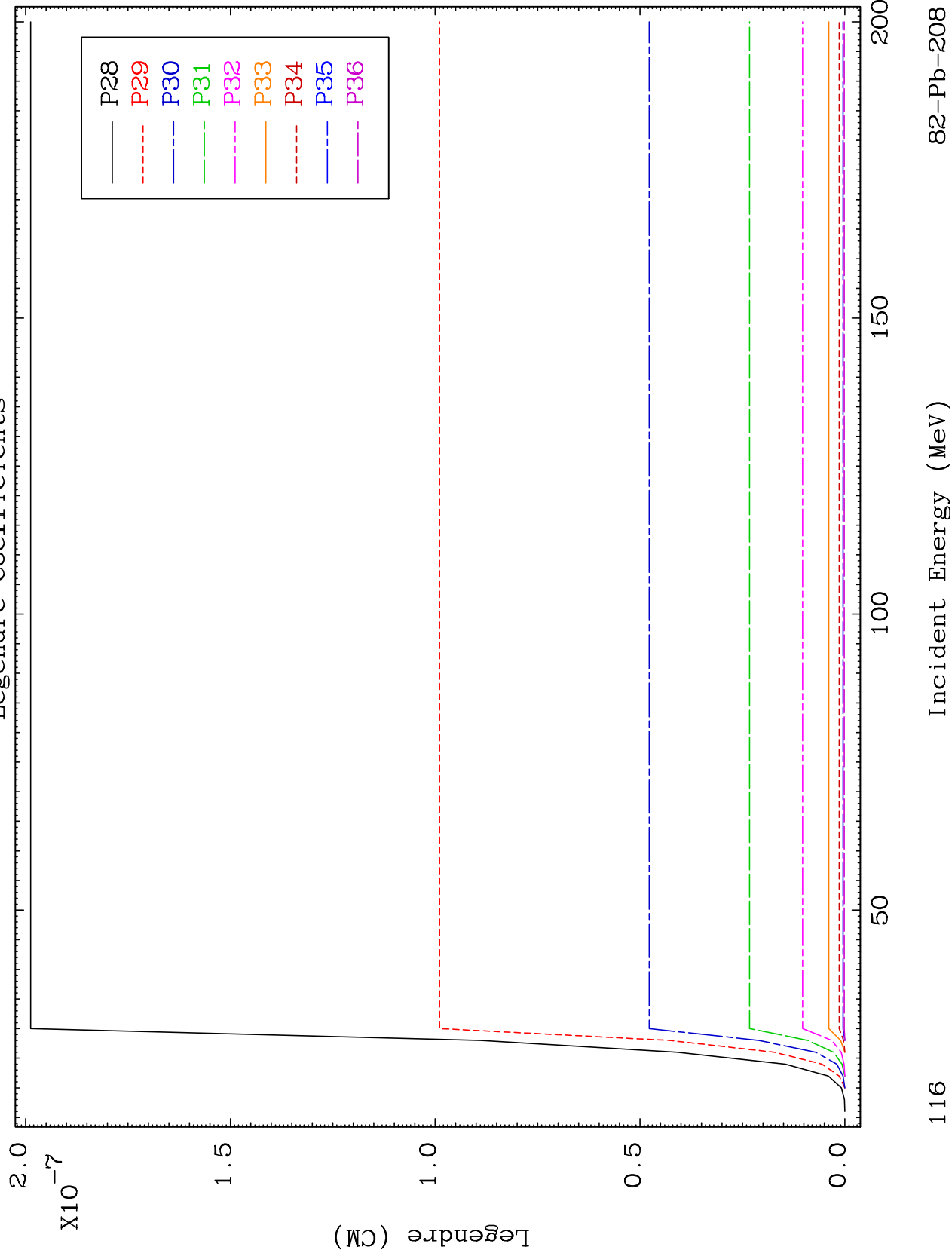
82-Pb-208



MAT 8237

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

82-Pb-208



116

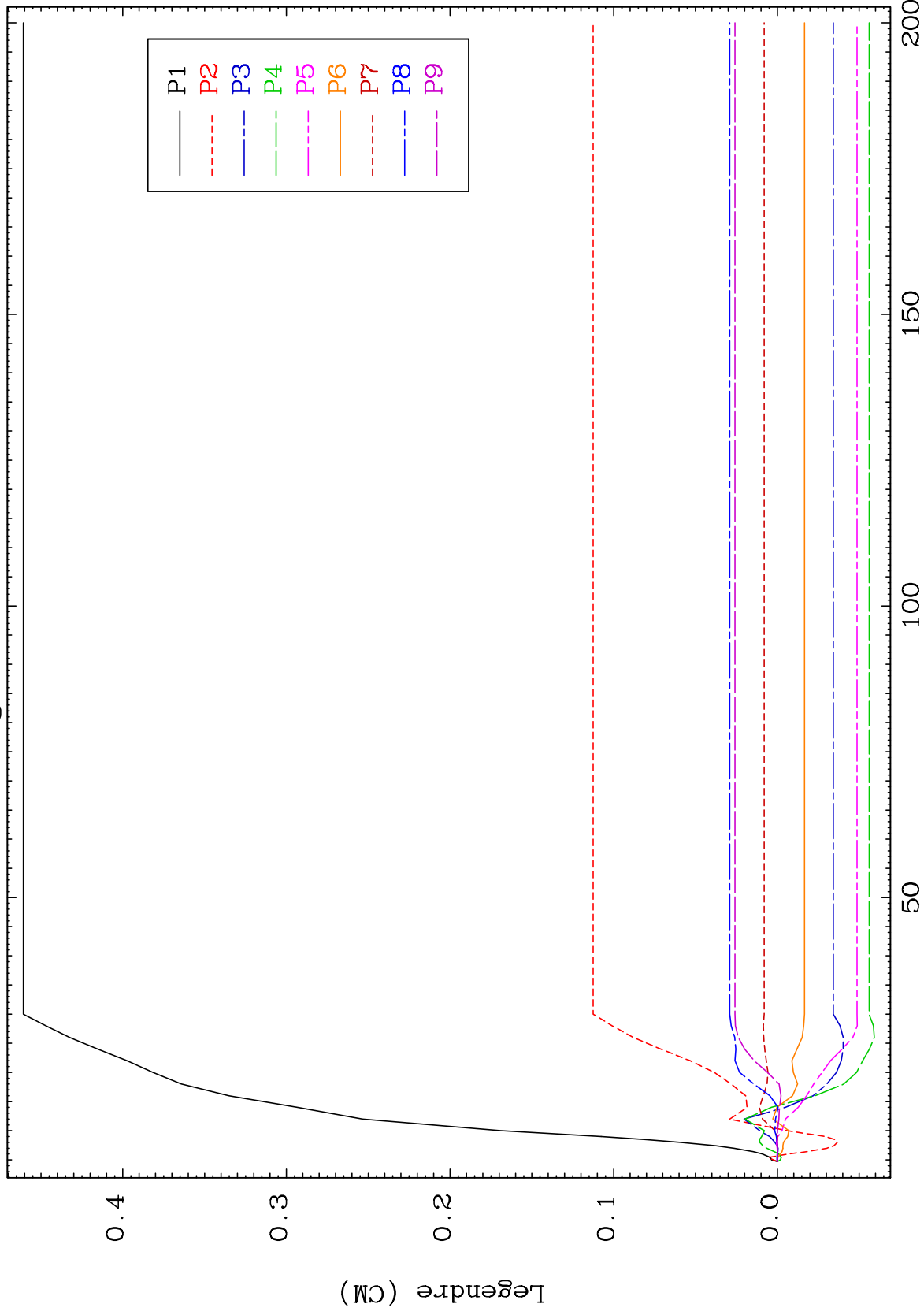
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



117

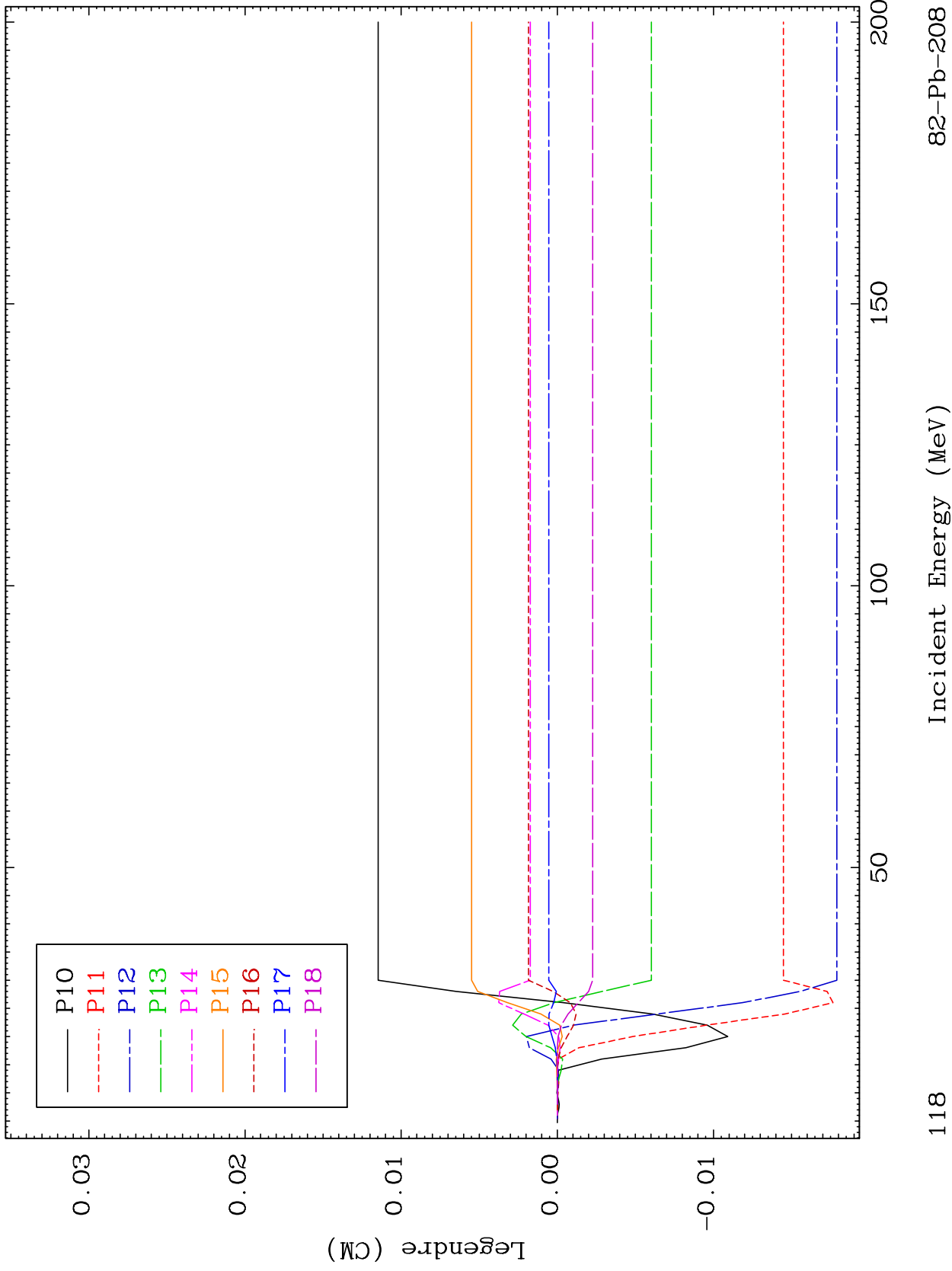
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



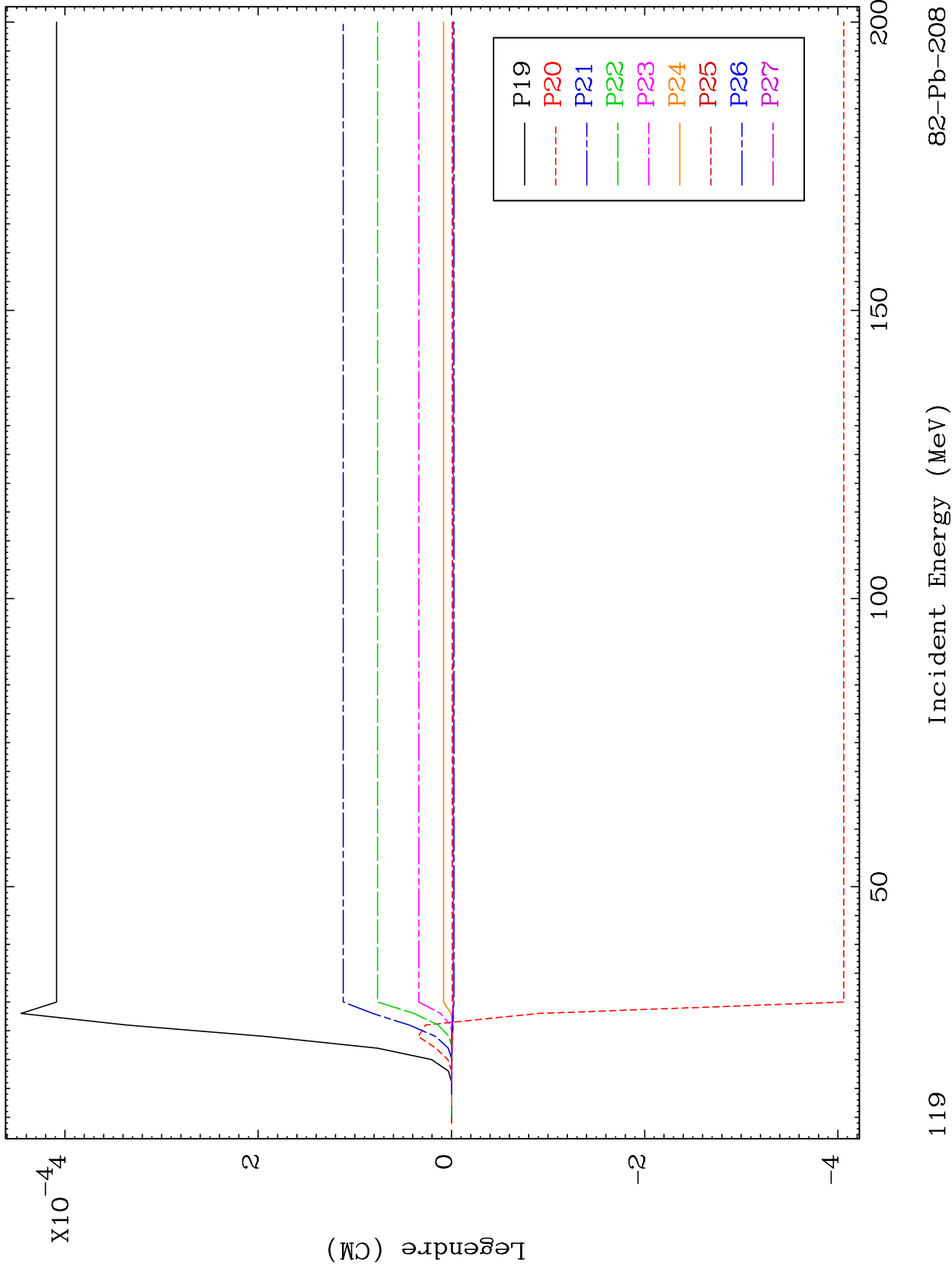
118

82-Pb-208

MAT 8237

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

82-Pb-208



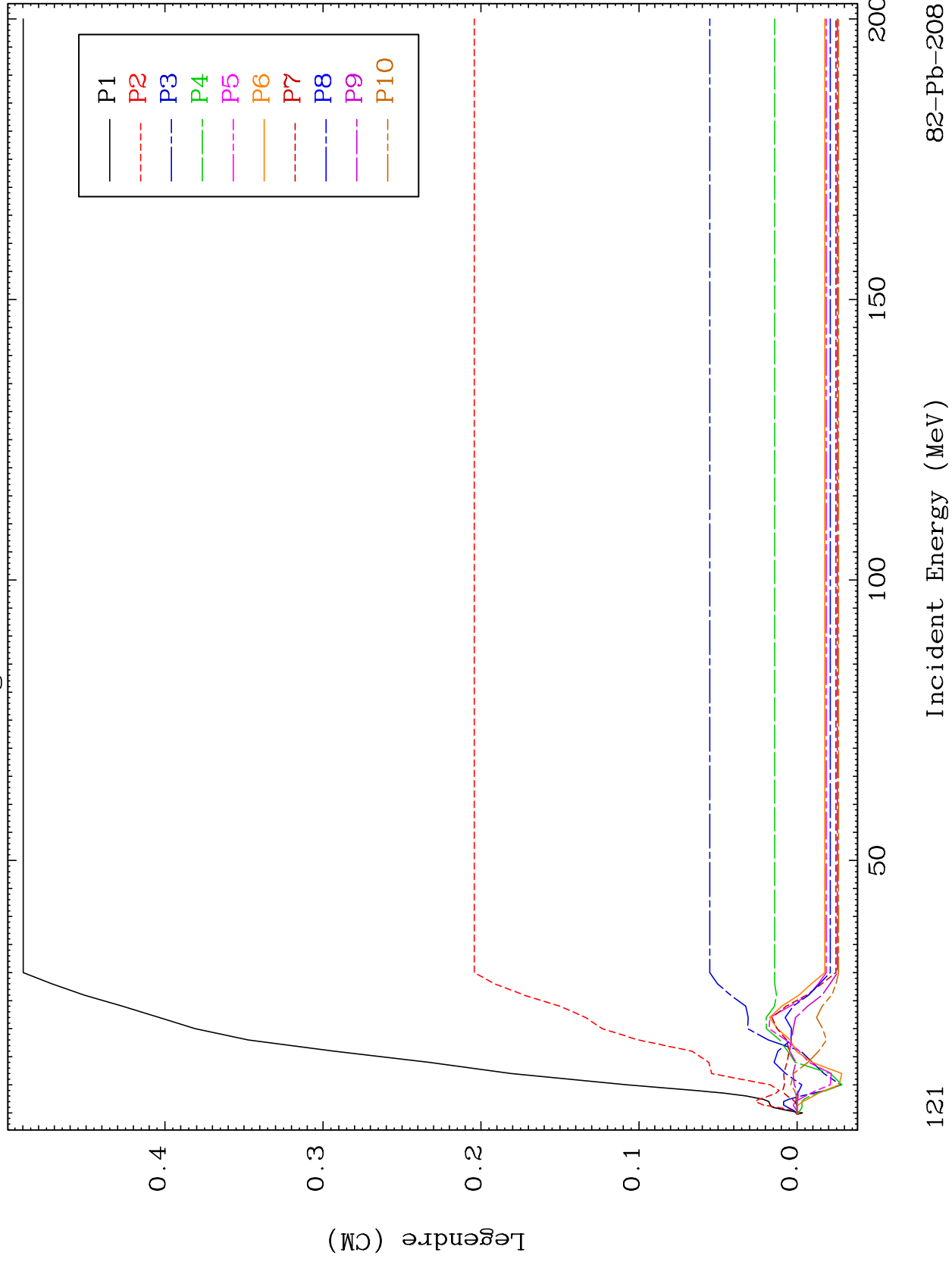
119

82-Pb-208

MAT 8237

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

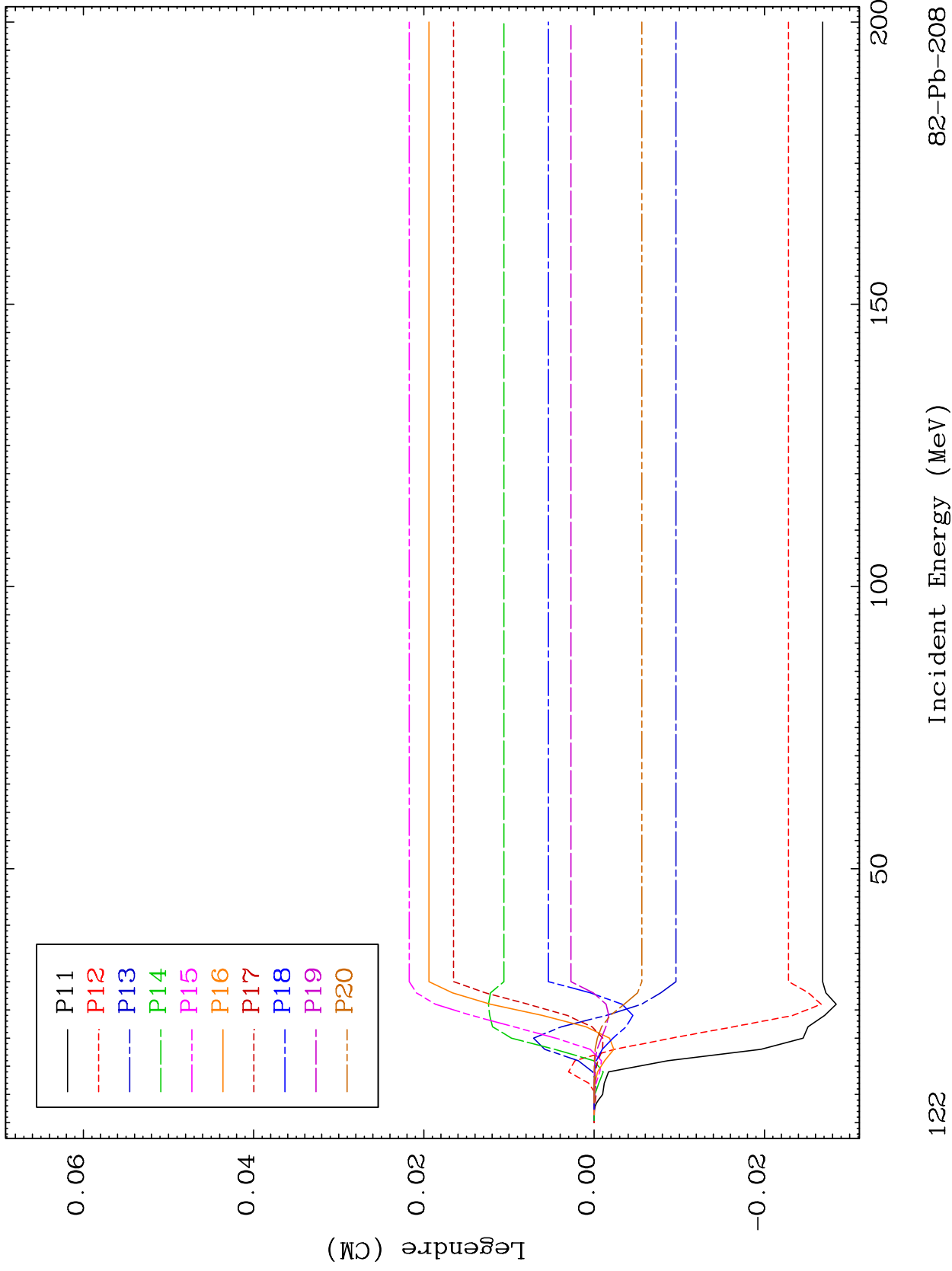
82-Pb-208



121

Incident Energy (MeV)

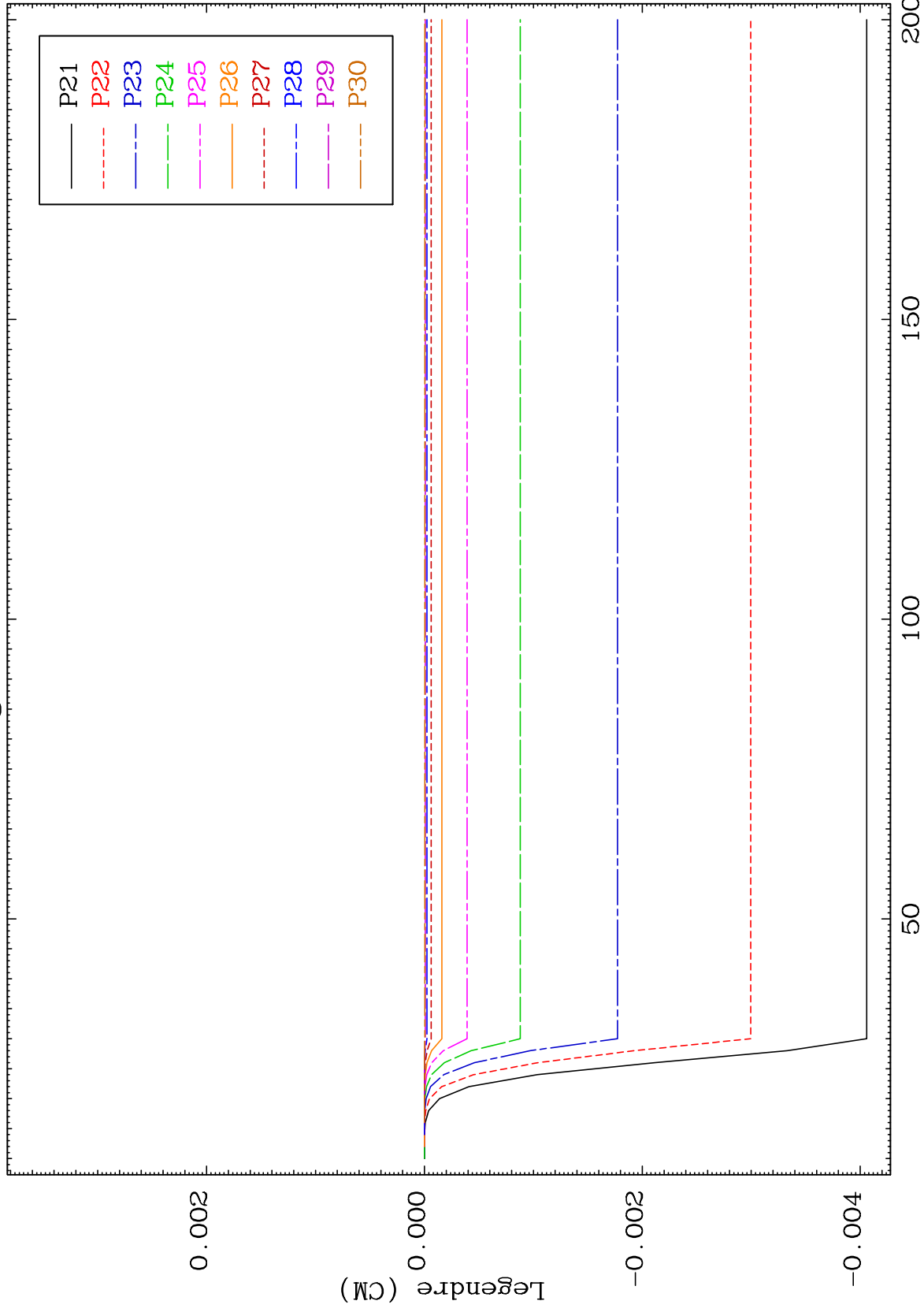
82-Pb-208



MAT 8237

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

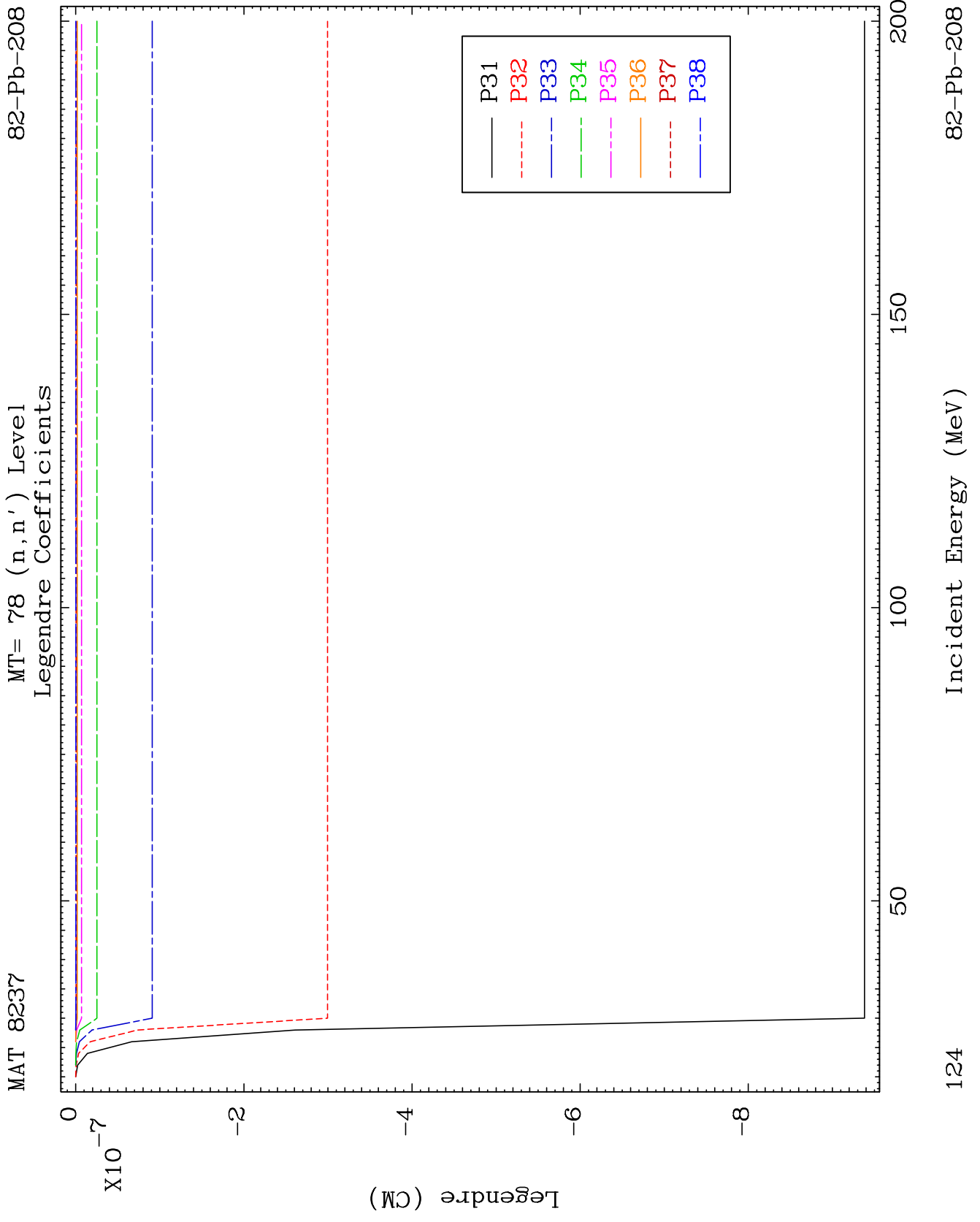
82-Pb-208



123

Incident Energy (MeV)

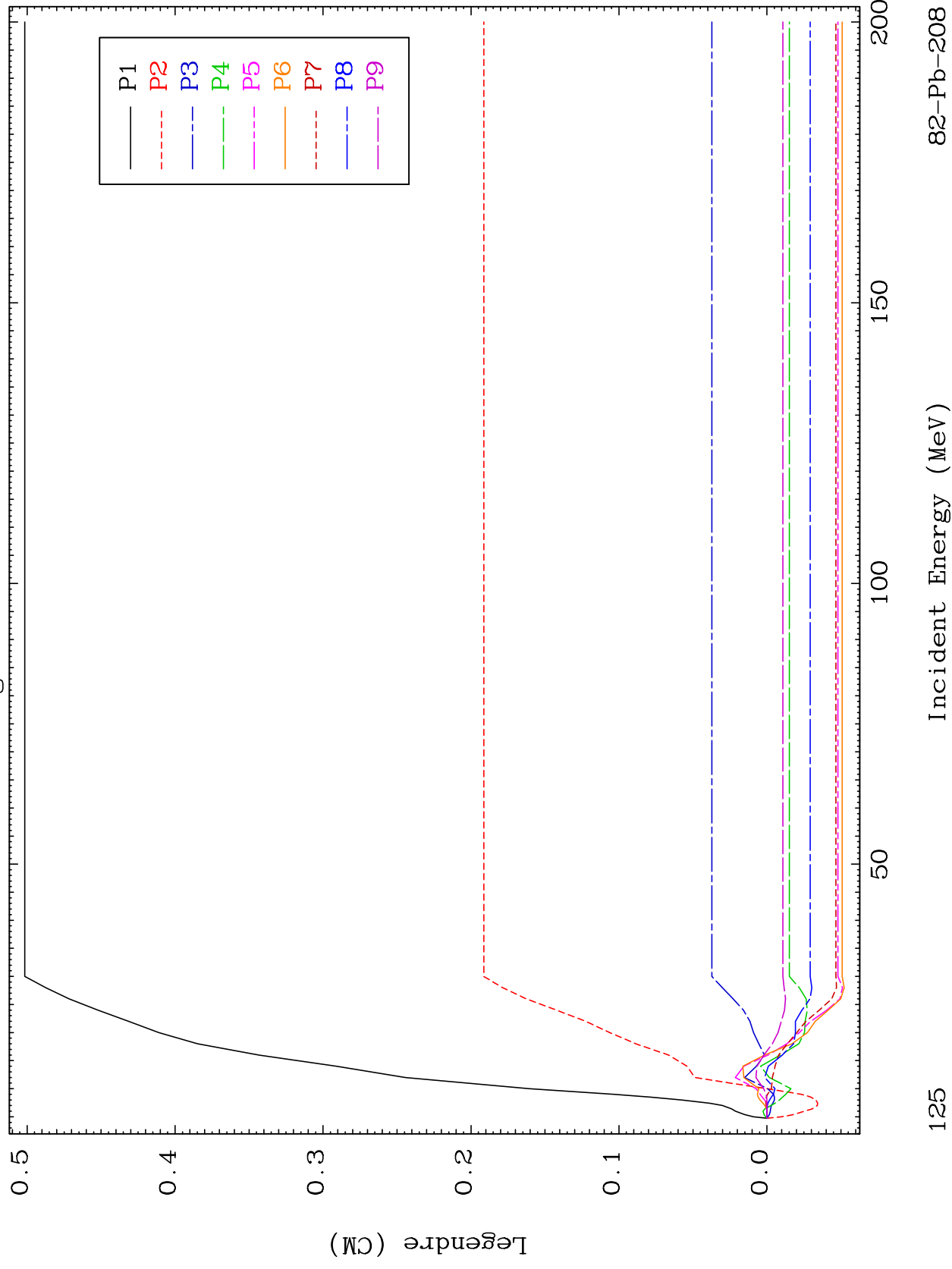
82-Pb-208



MAT 8237

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

82-Pb-208



125

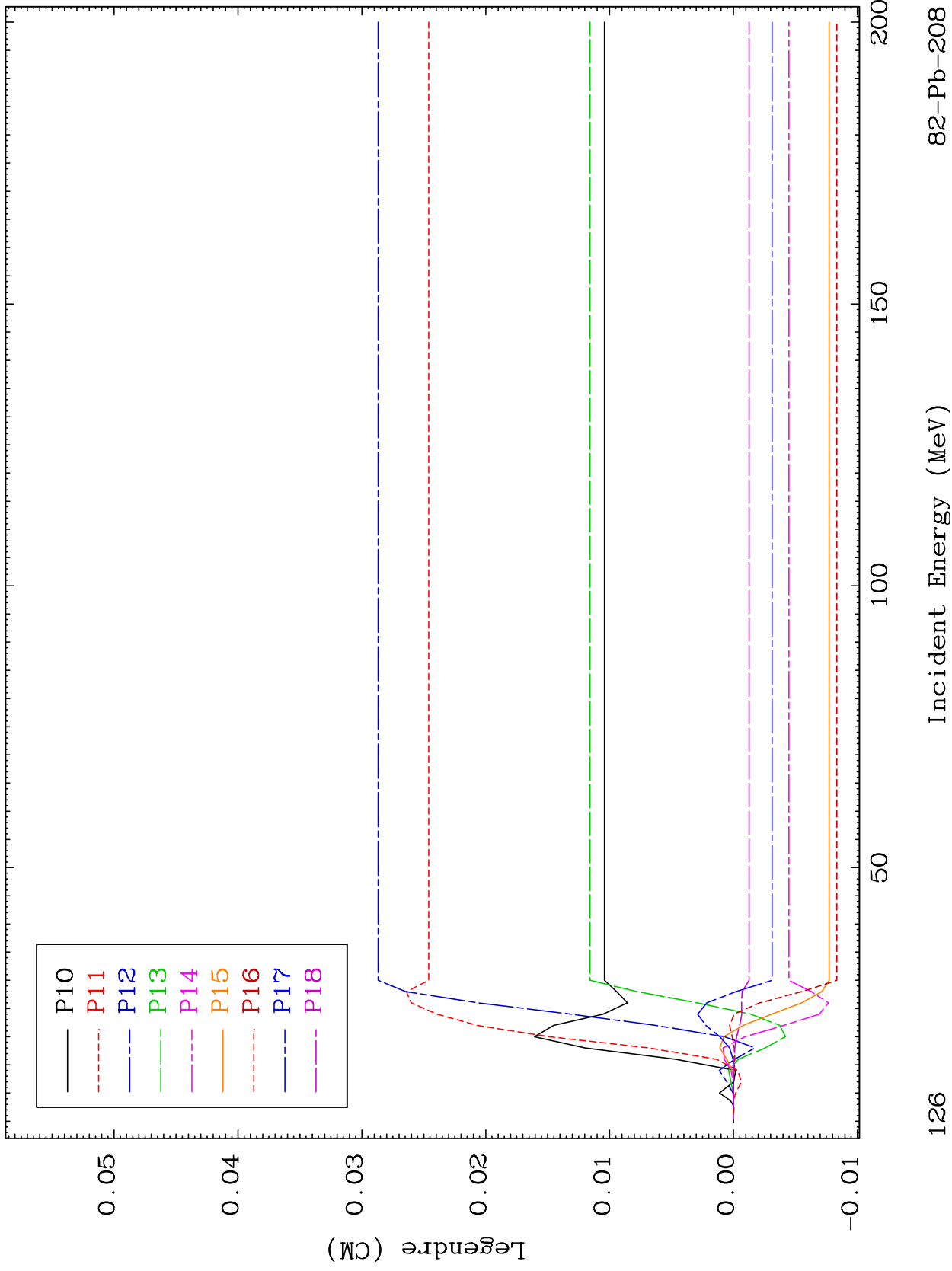
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



126

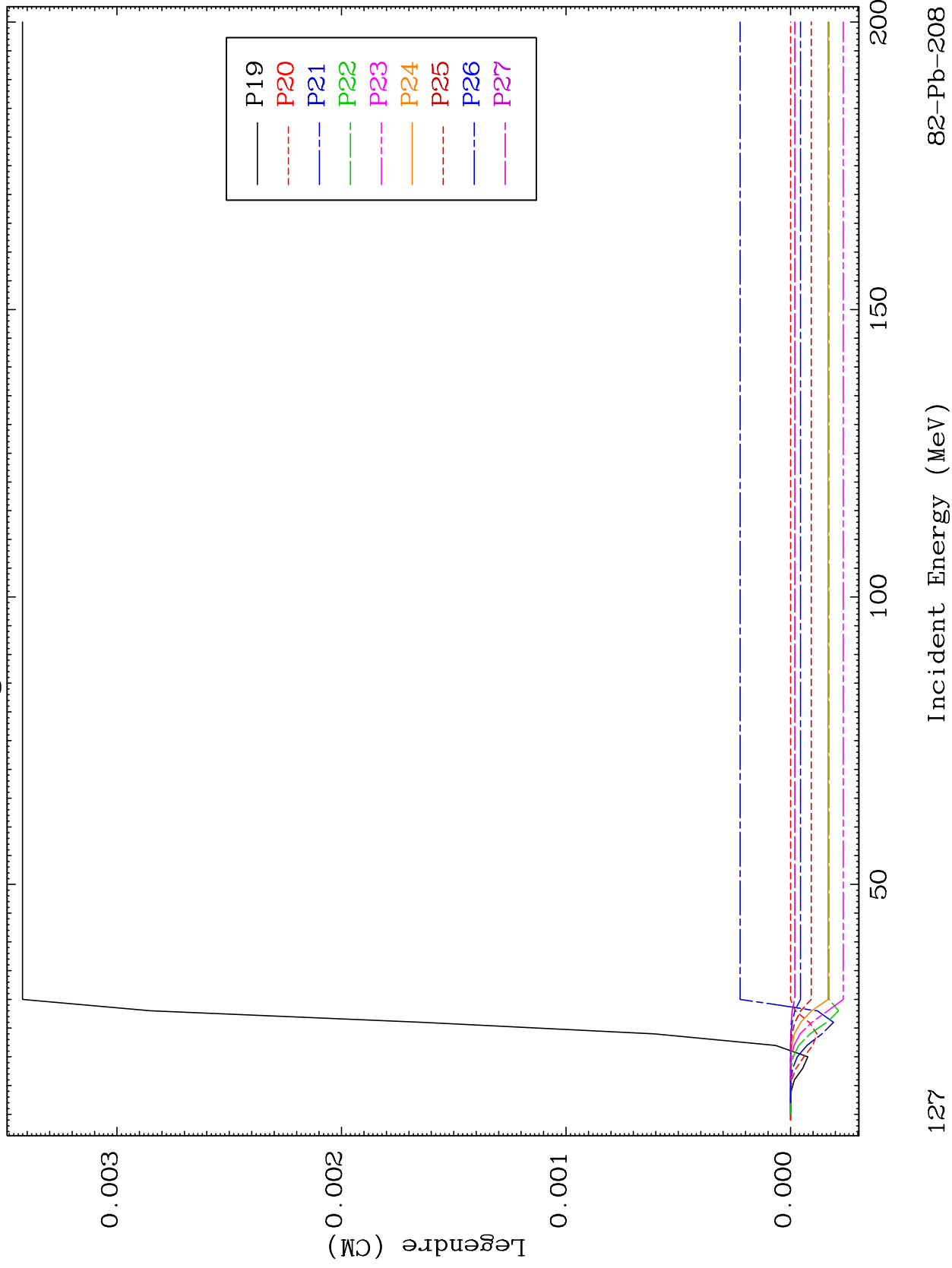
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



127

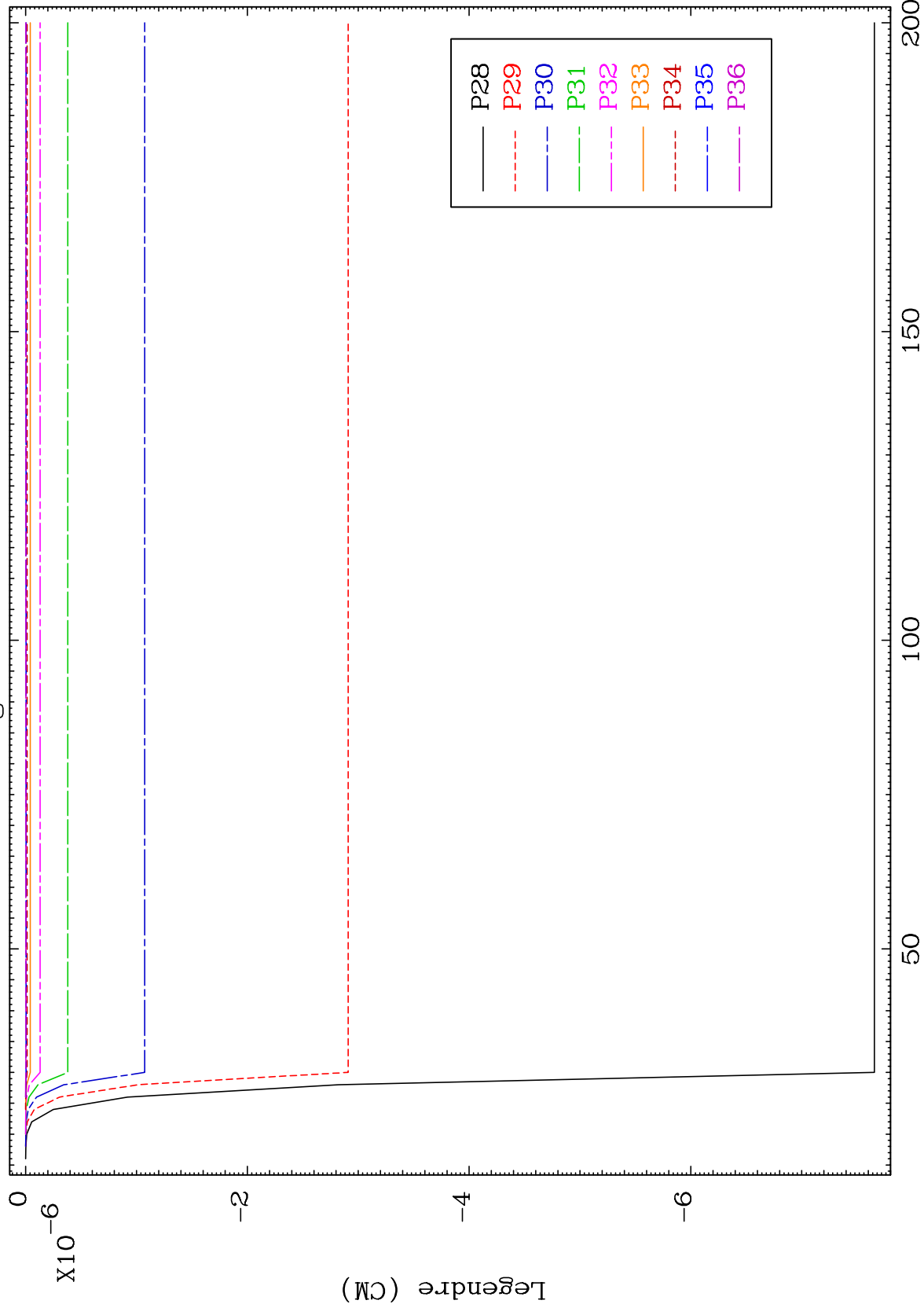
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



128

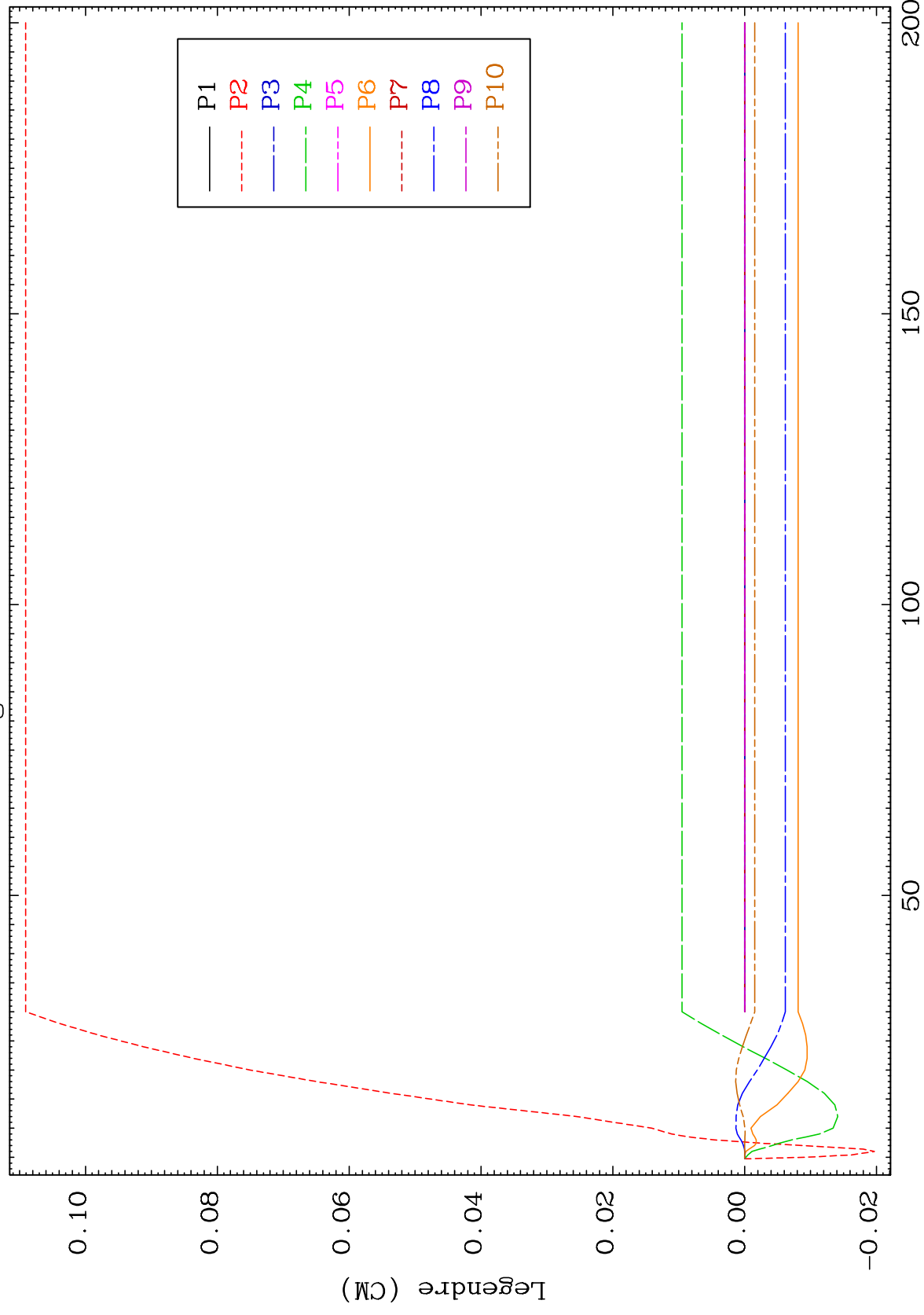
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

82-Pb-208



129

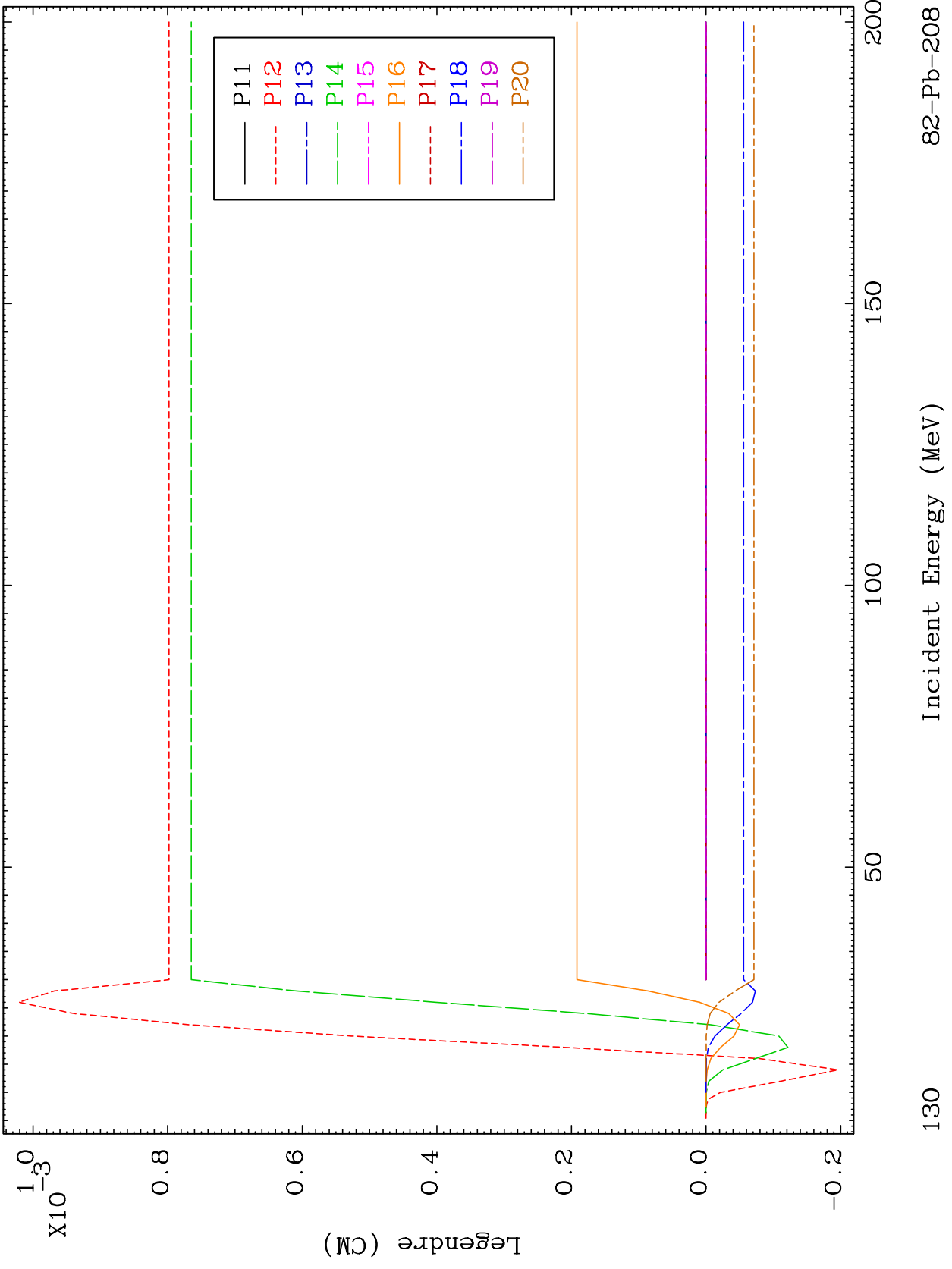
Incident Energy (MeV)

82-Pb-208

MAT 8237

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

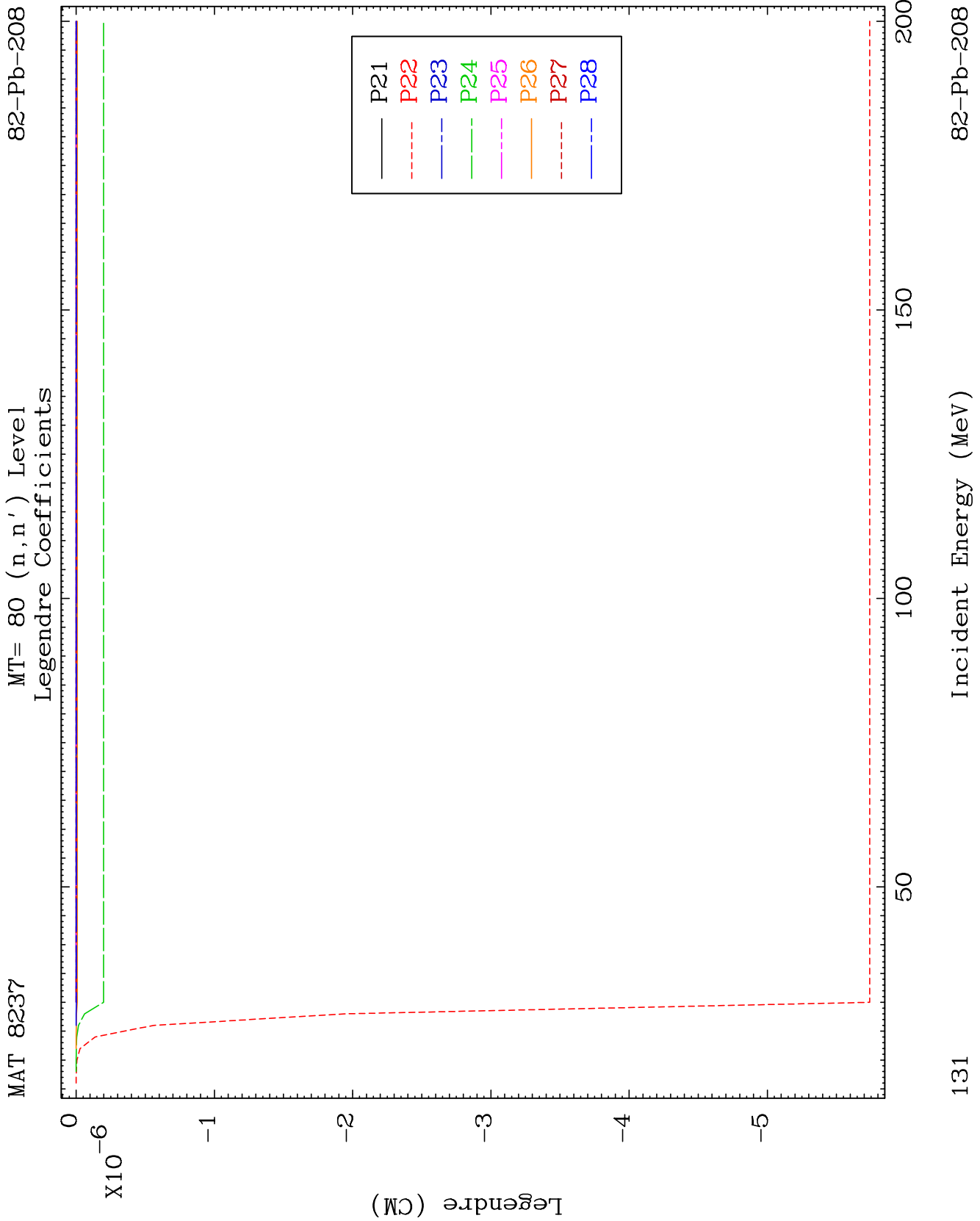
82-Pb-208



130

Incident Energy (MeV)

82-Pb-208

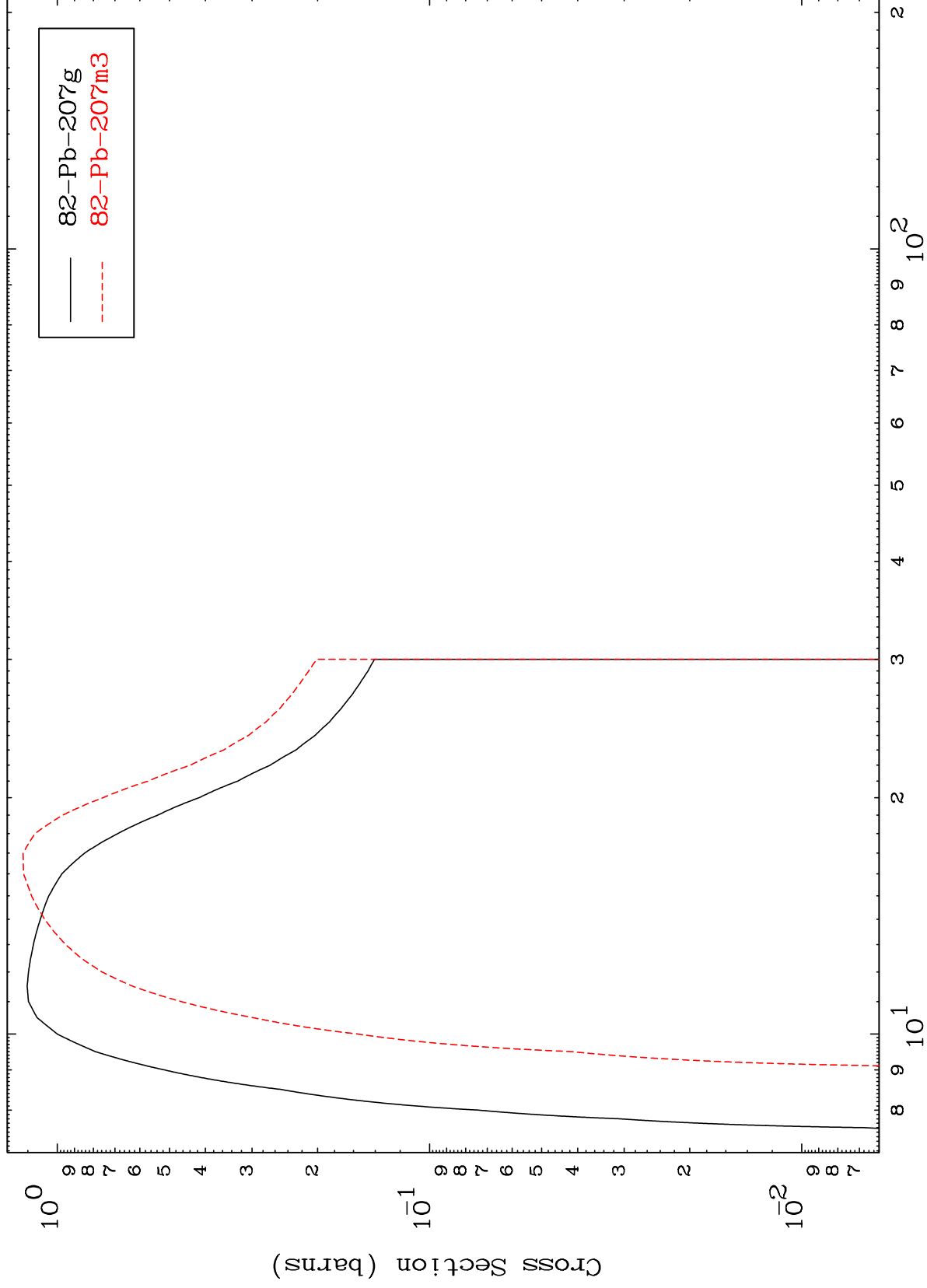


MAT 8237

(n,2n)

82-Pb-208

Radionuclide Production Cross Section



132

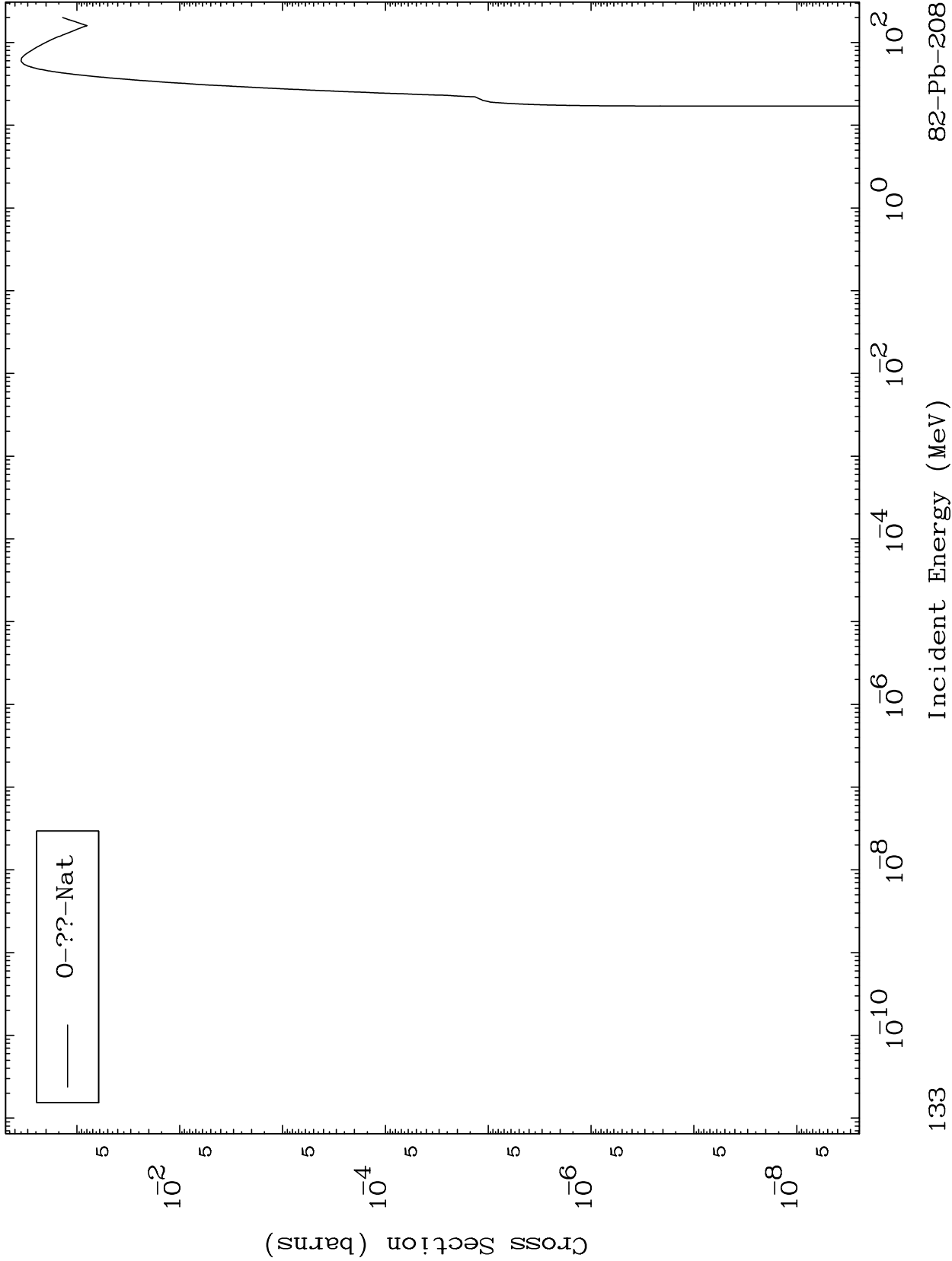
Incident Energy (MeV)

82-Pb-208

MAT 8237

Fission
Radionuclide Production Cross Section

82-Pb-208



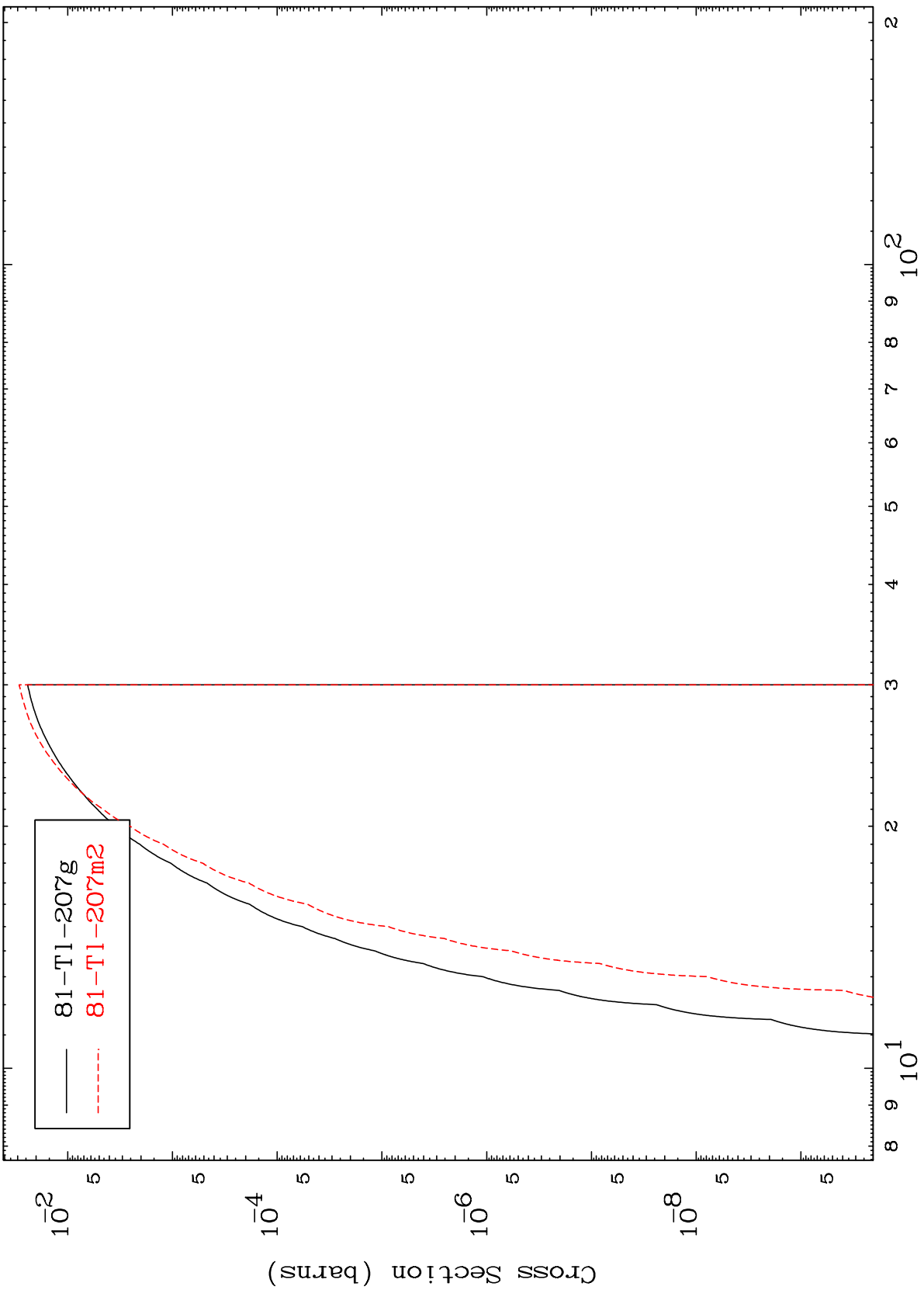
82-Pb-208

MAT 8237

(n,n') p

82-Pb-208

Radionuclide Production Cross Section



134

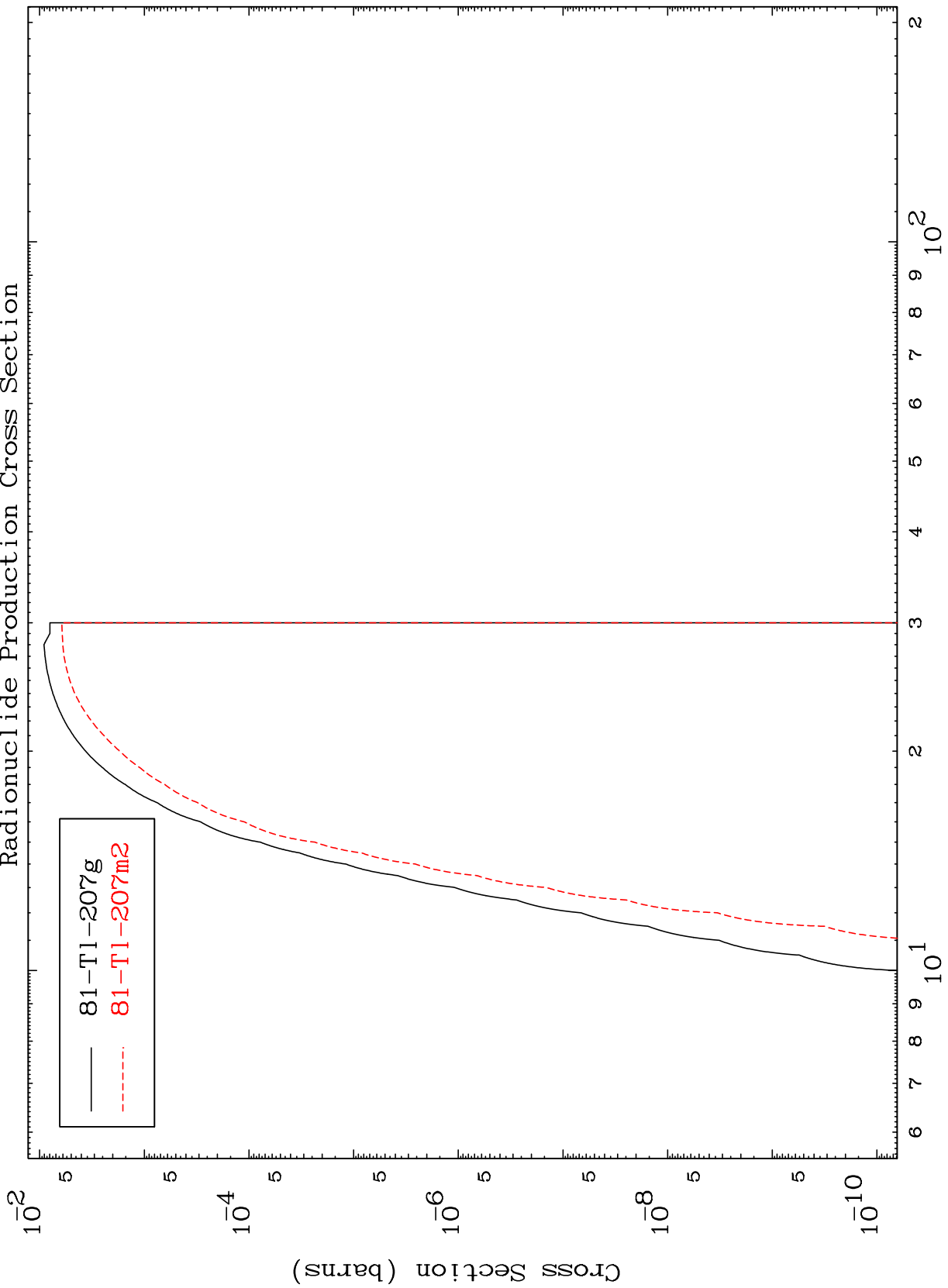
Incident Energy (MeV)

82-Pb-208

MAT 8237

82-Pb-208

(n,d)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

82-Pb-208