

Program EVALPLOT
(Version 2018-1)

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

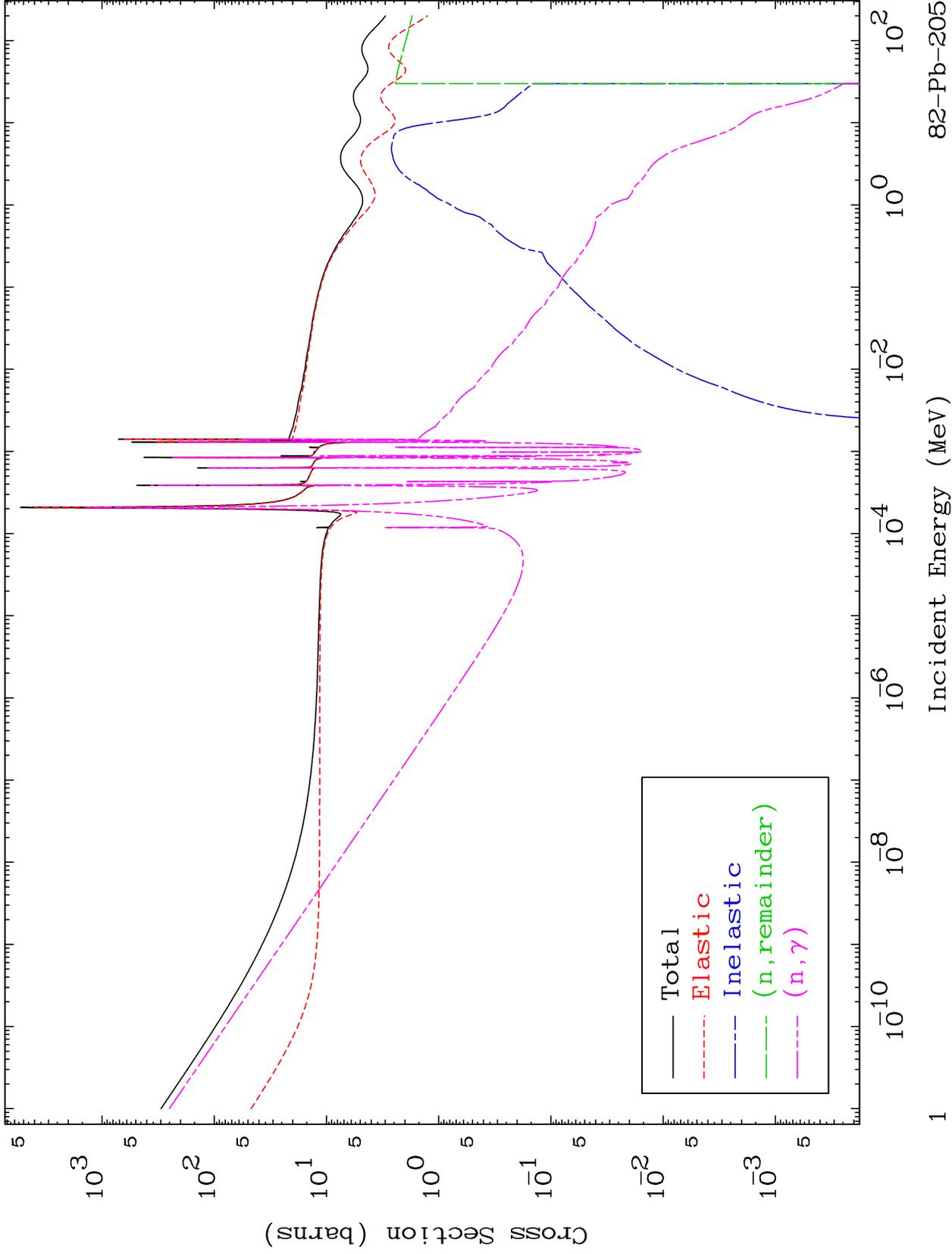
Press Mouse Button to Start

MAT 8228

Major

293 Kelvin Cross Sections

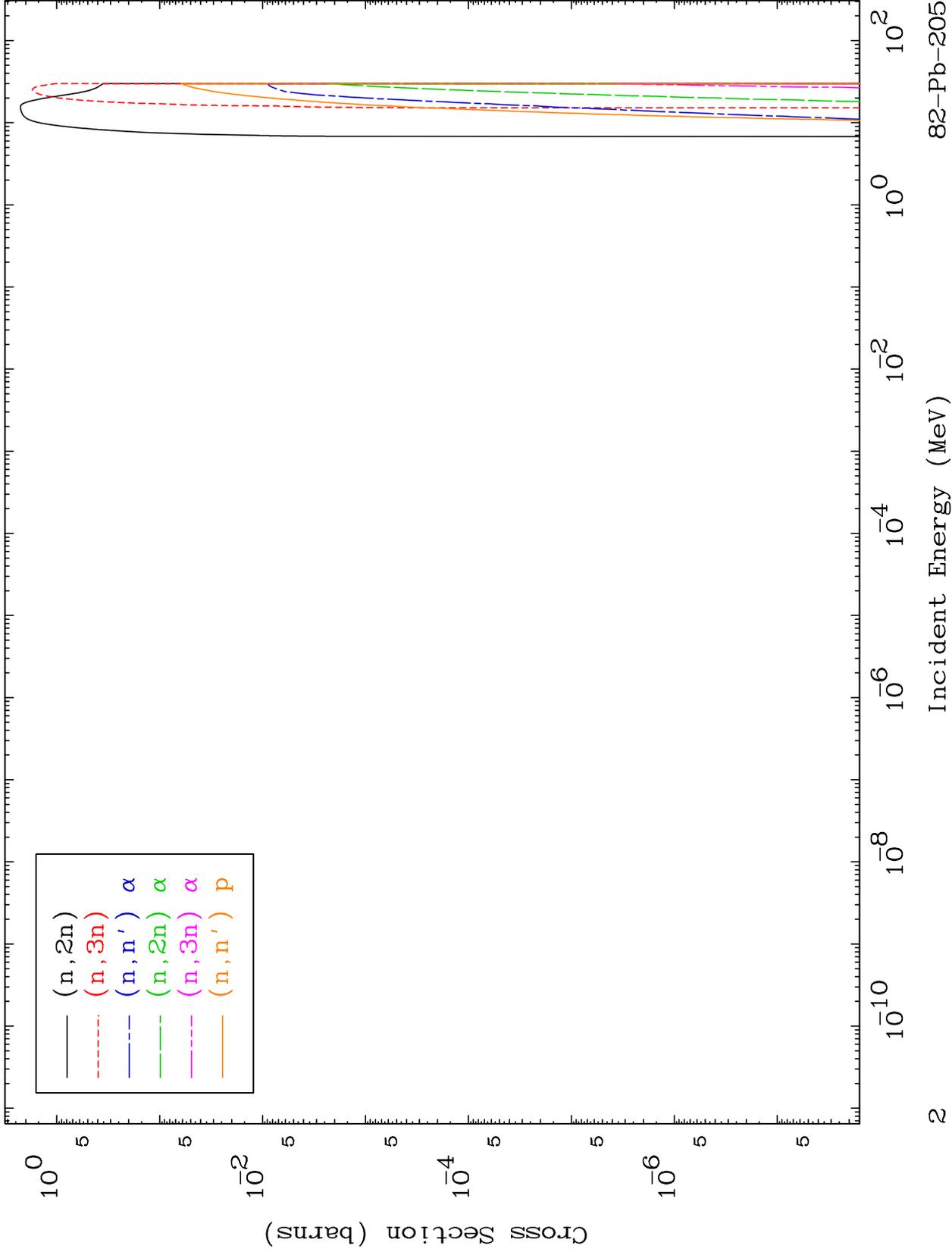
82-Pb-205

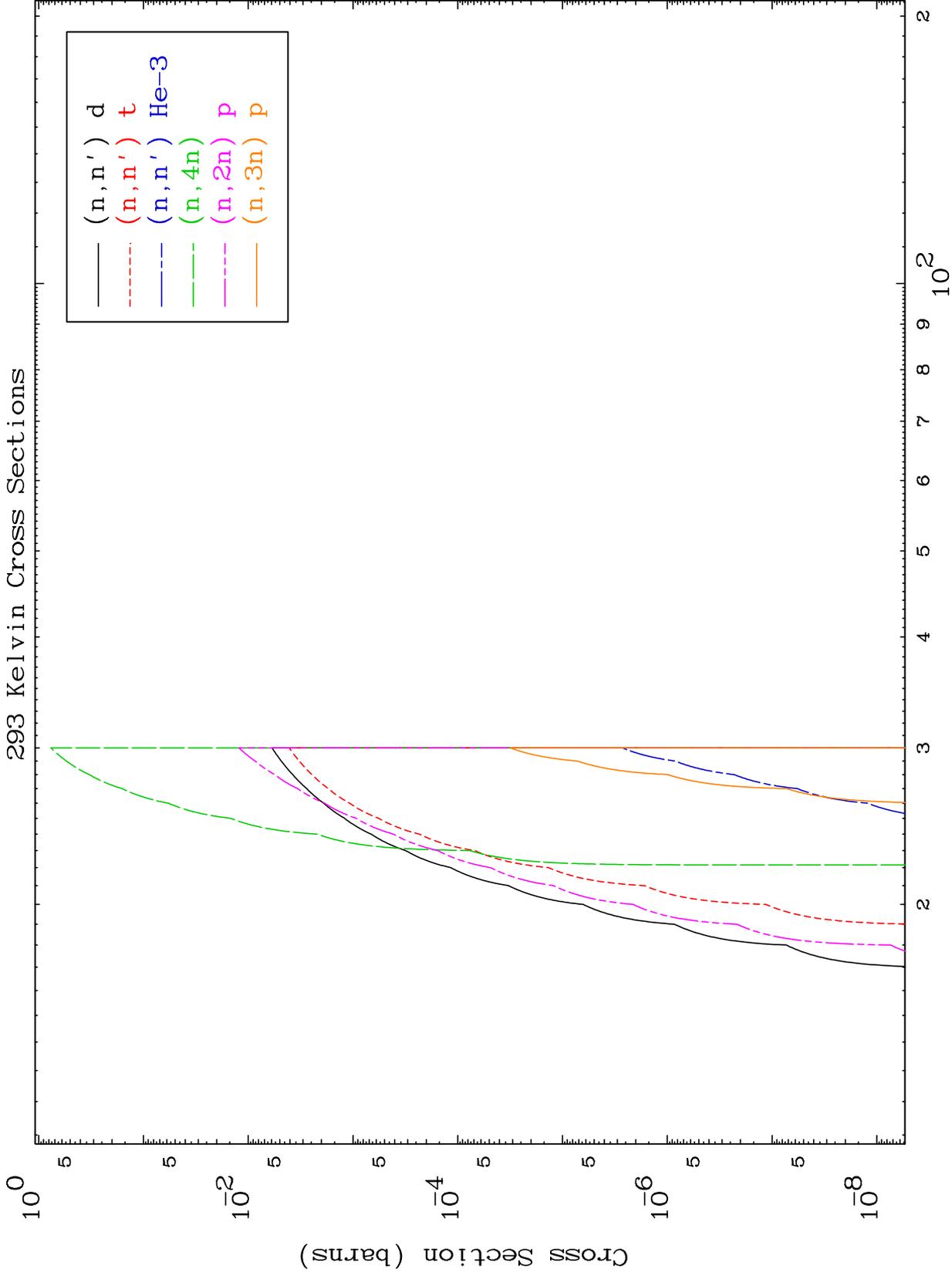


MAT 8228

Neutron Production
293 Kelvin Cross Sections

82-Pb-205

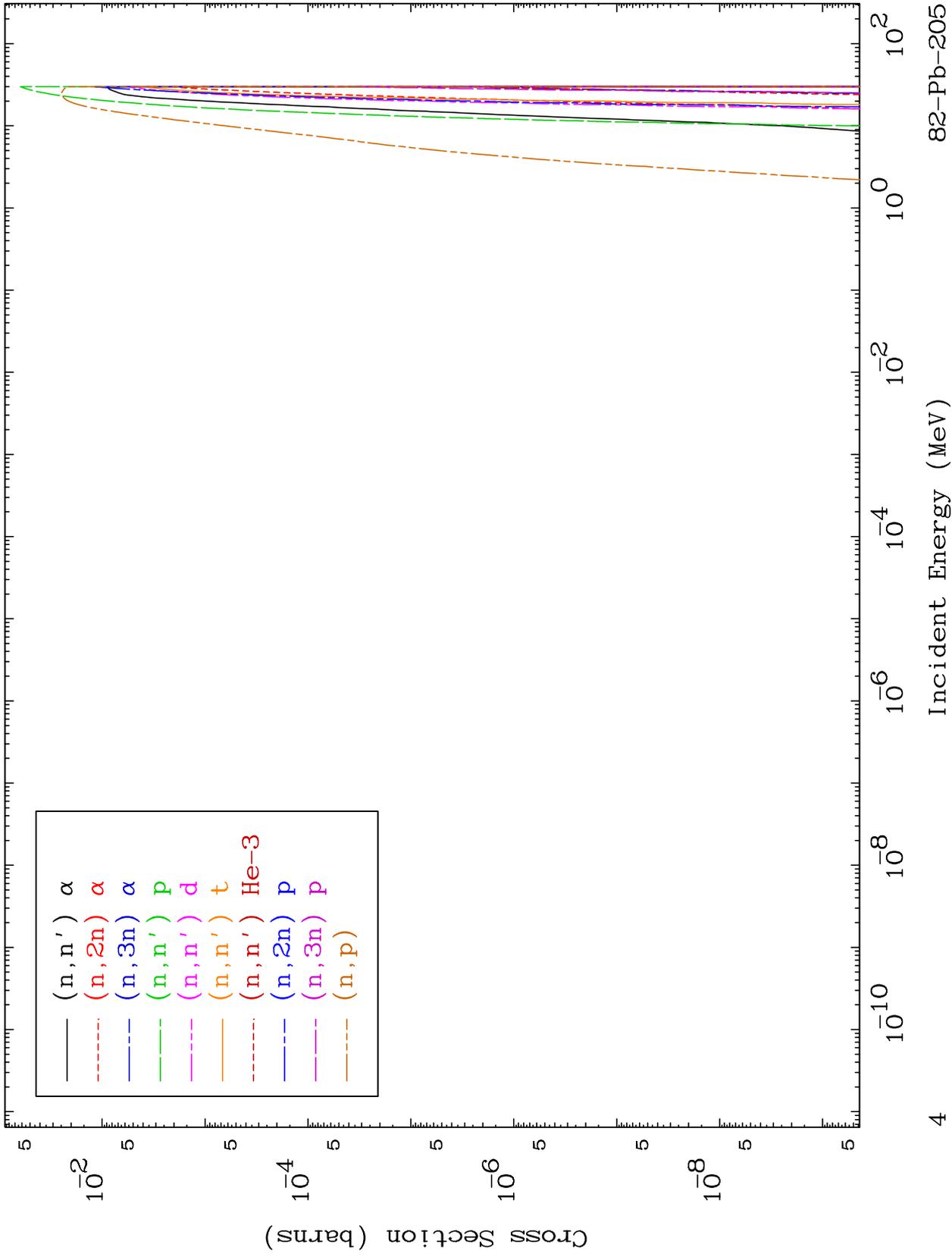




MAT 8228

Charged Particle
293 Kelvin Cross Sections

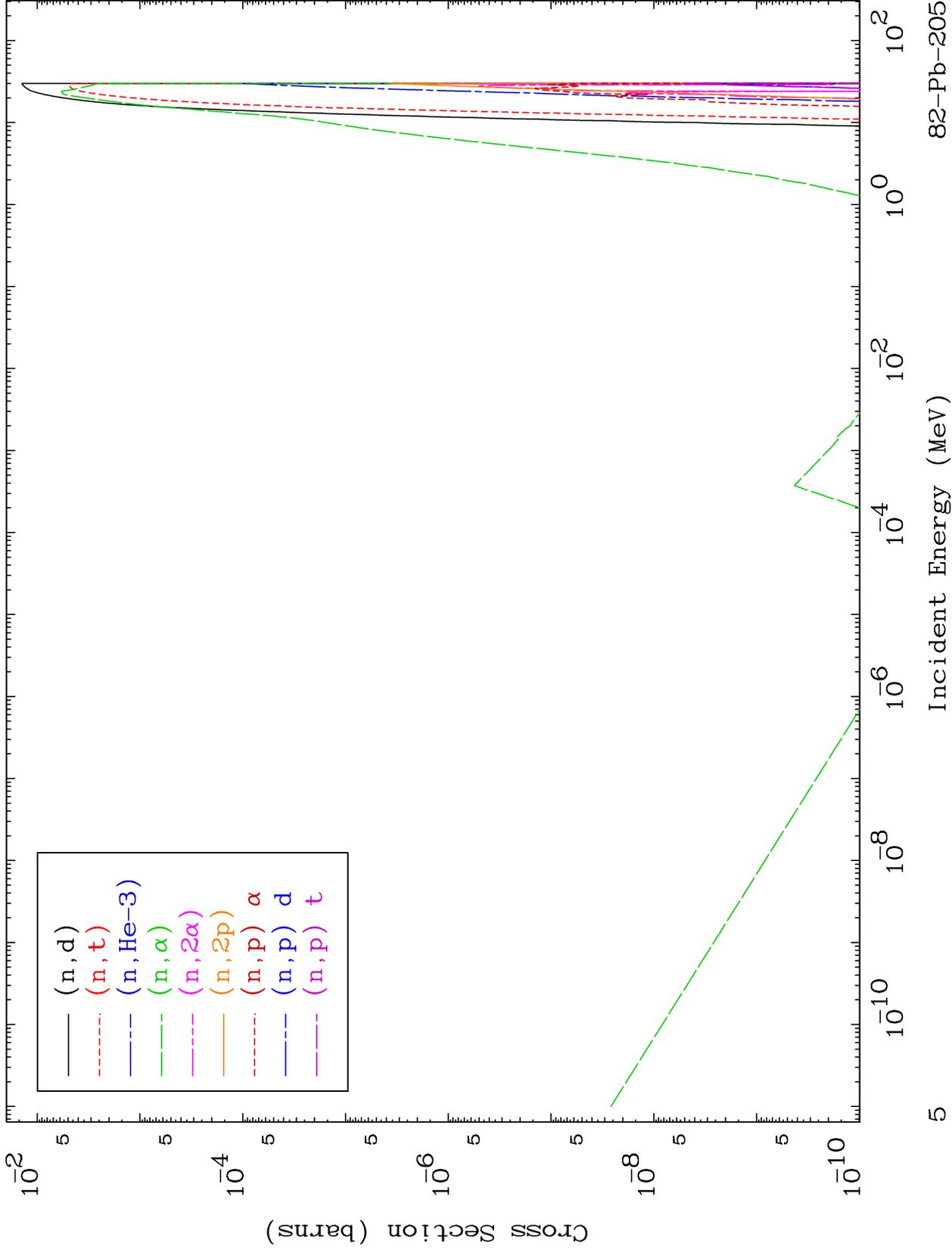
82-Pb-205



MAT 8228

Charged Particle
293 Kelvin Cross Sections

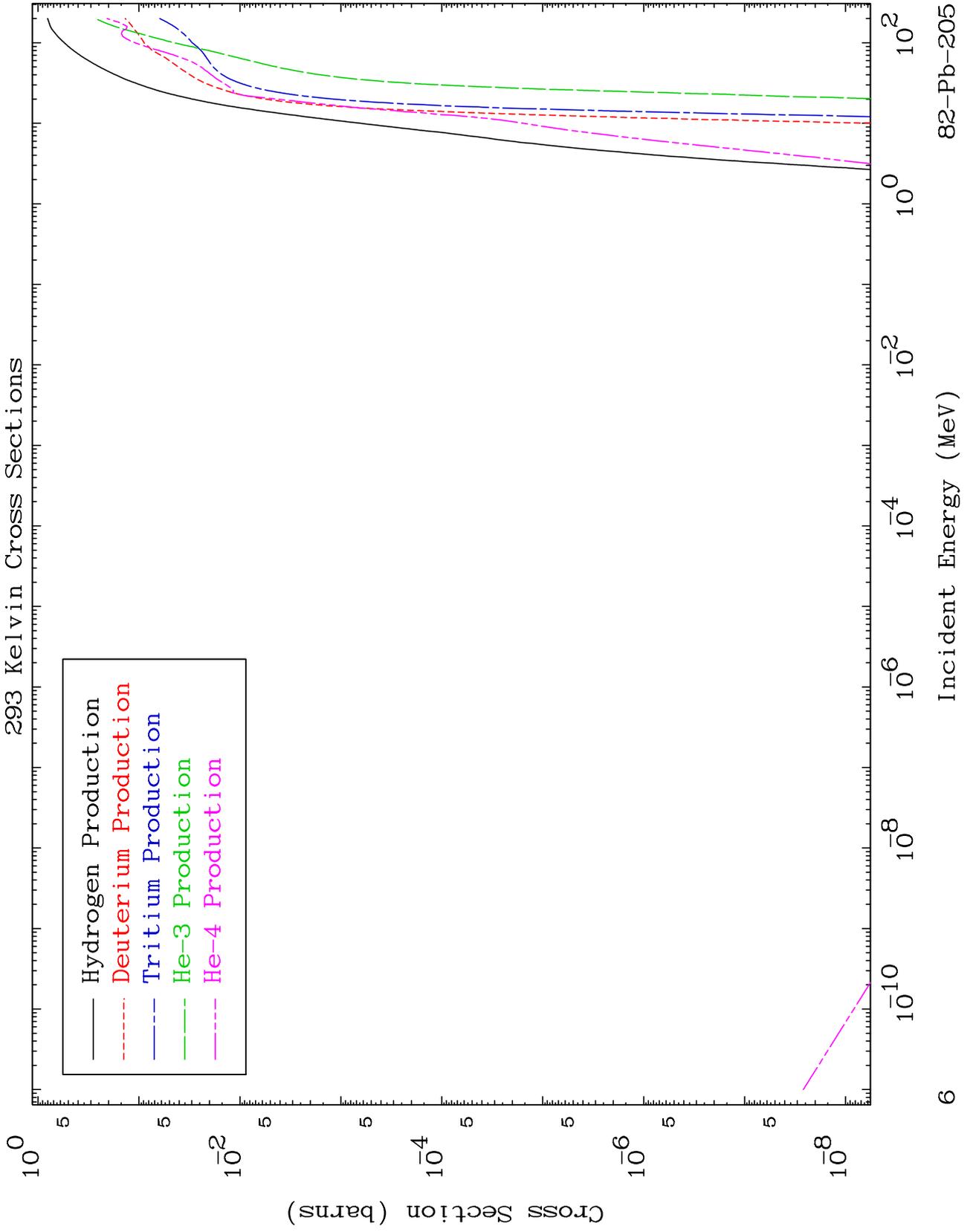
82-Pb-205



MAT 8228

Particle Production
293 Kelvin Cross Sections

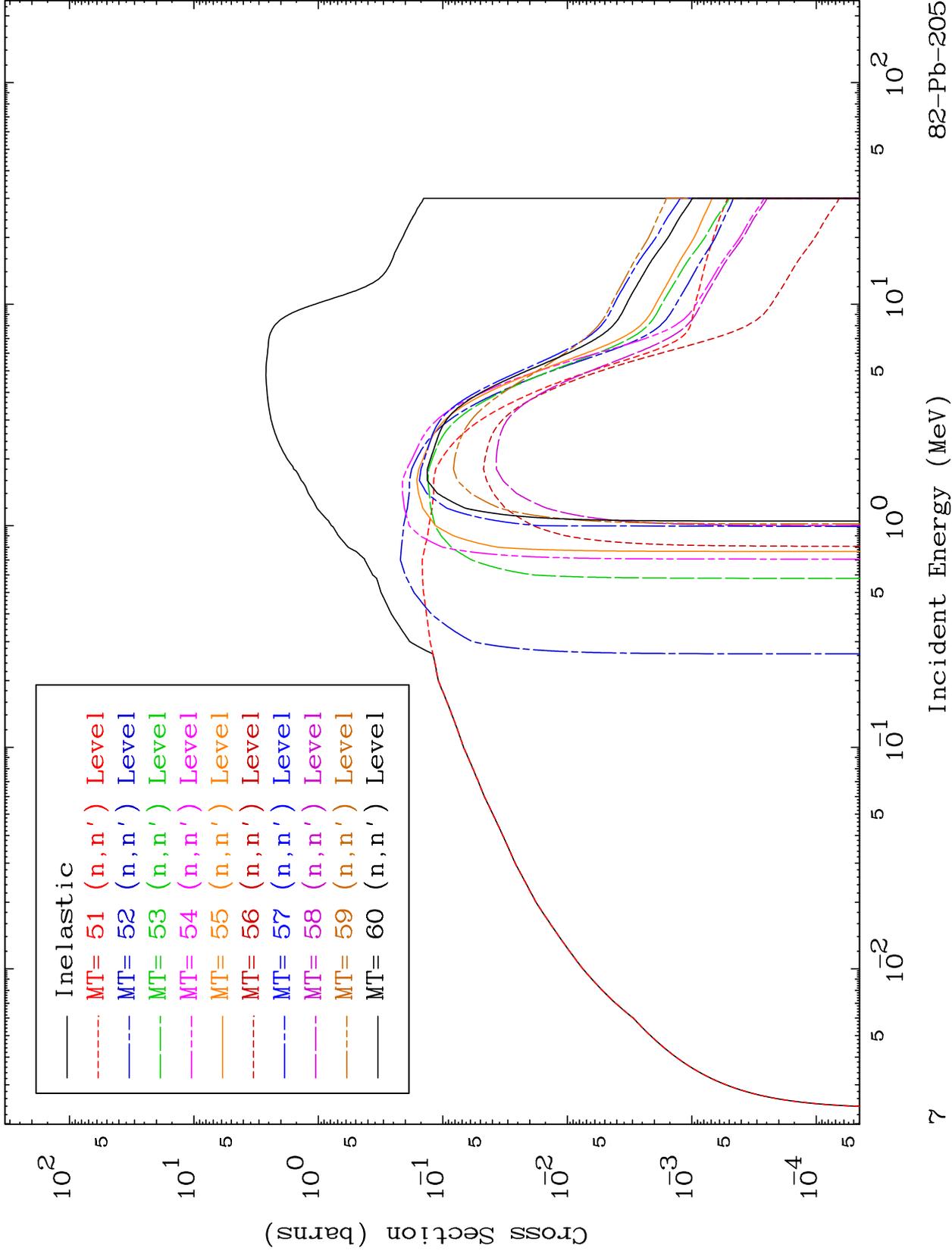
82-Pb-205



MAT 8228

(n,n') Level
293 Kelvin Cross Sections

82-Pb-205

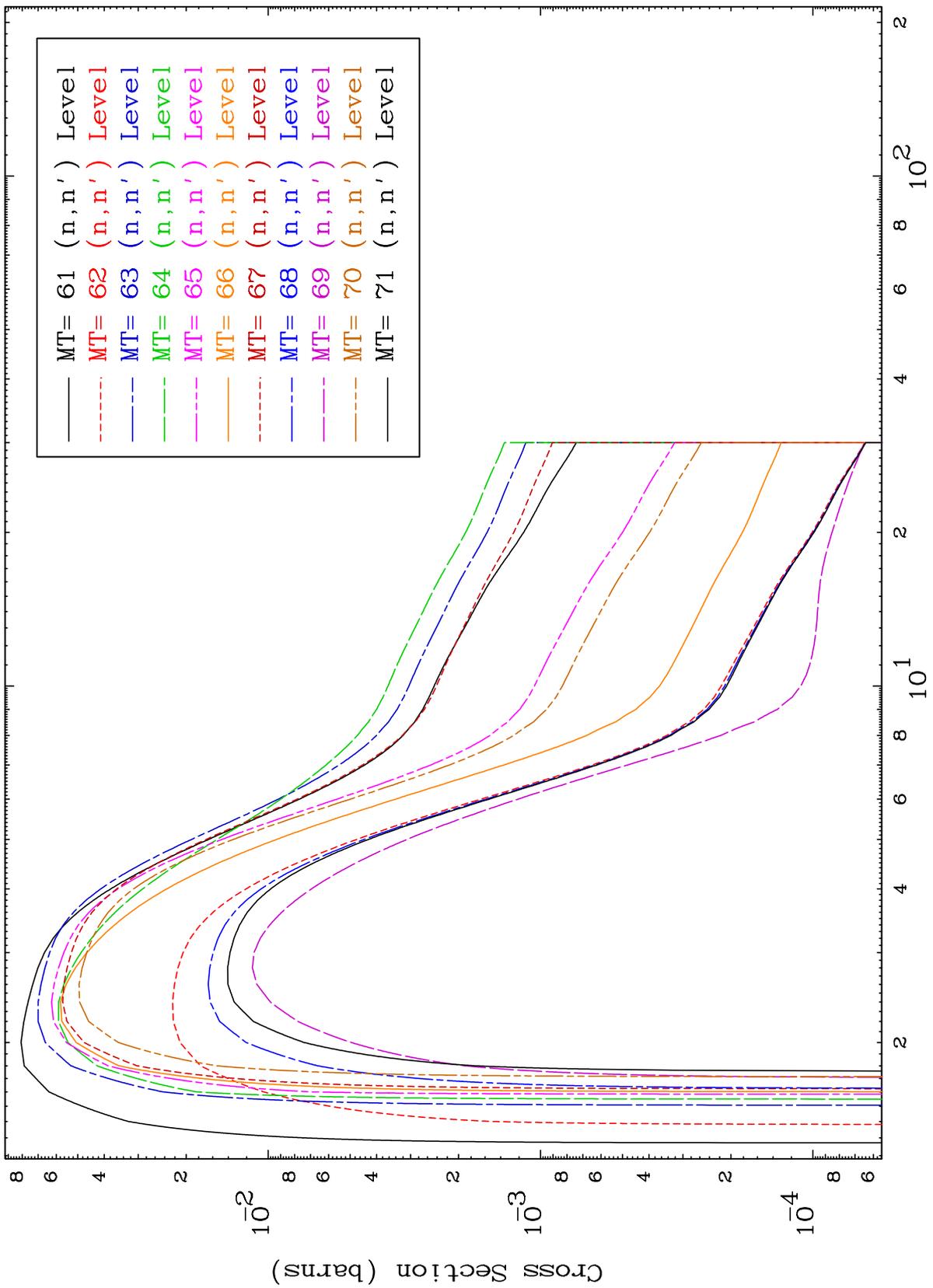


MAT 8228

(n,n') Level

82-Pb-205

293 Kelvin Cross Sections



8

Incident Energy (MeV)

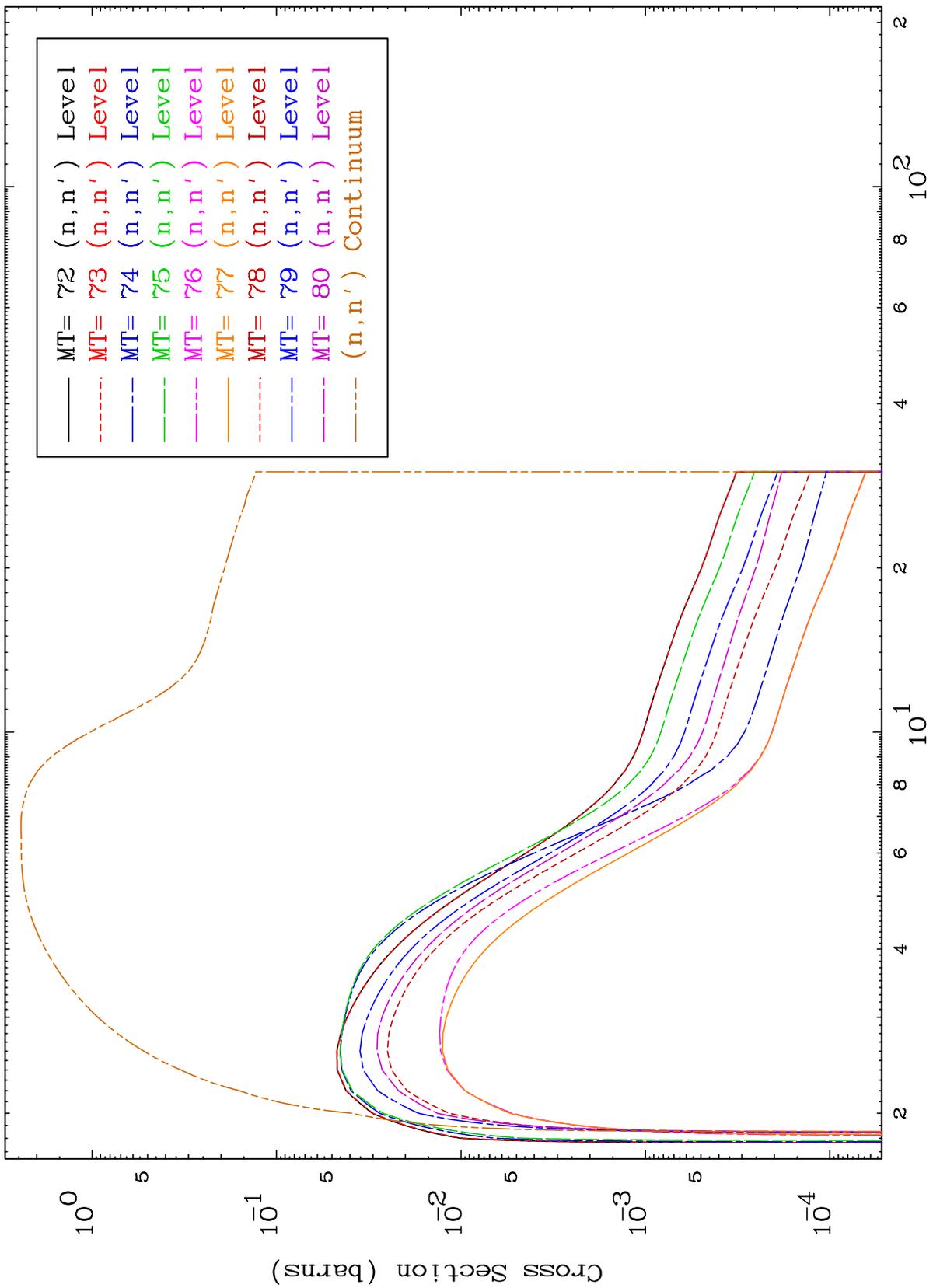
82-Pb-205

MAT 8228

(n,n') Level

82-Pb-205

293 Kelvin Cross Sections



9

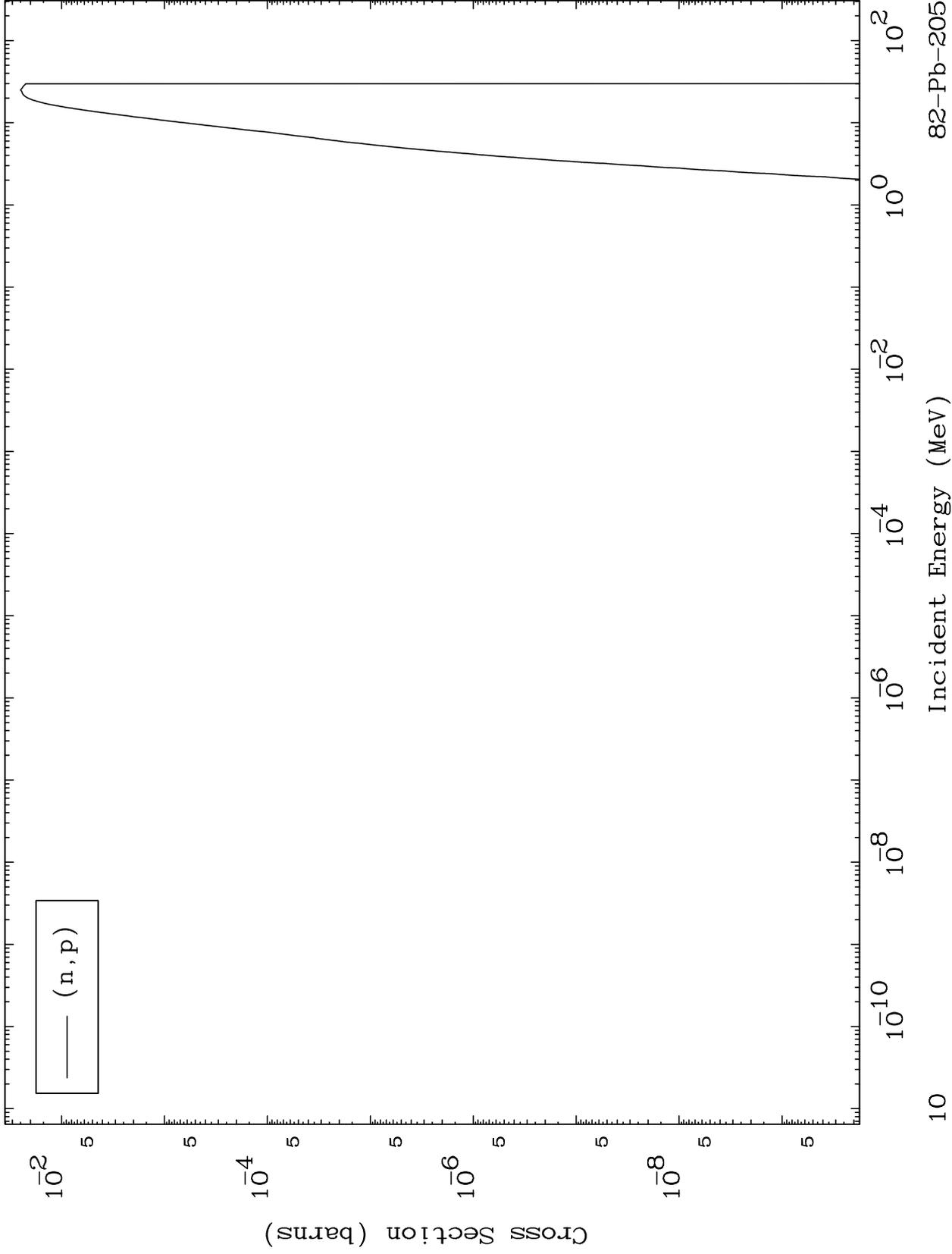
Incident Energy (MeV)

82-Pb-205

MAT 8228

(n,p) Levels
293 Kelvin Cross Sections

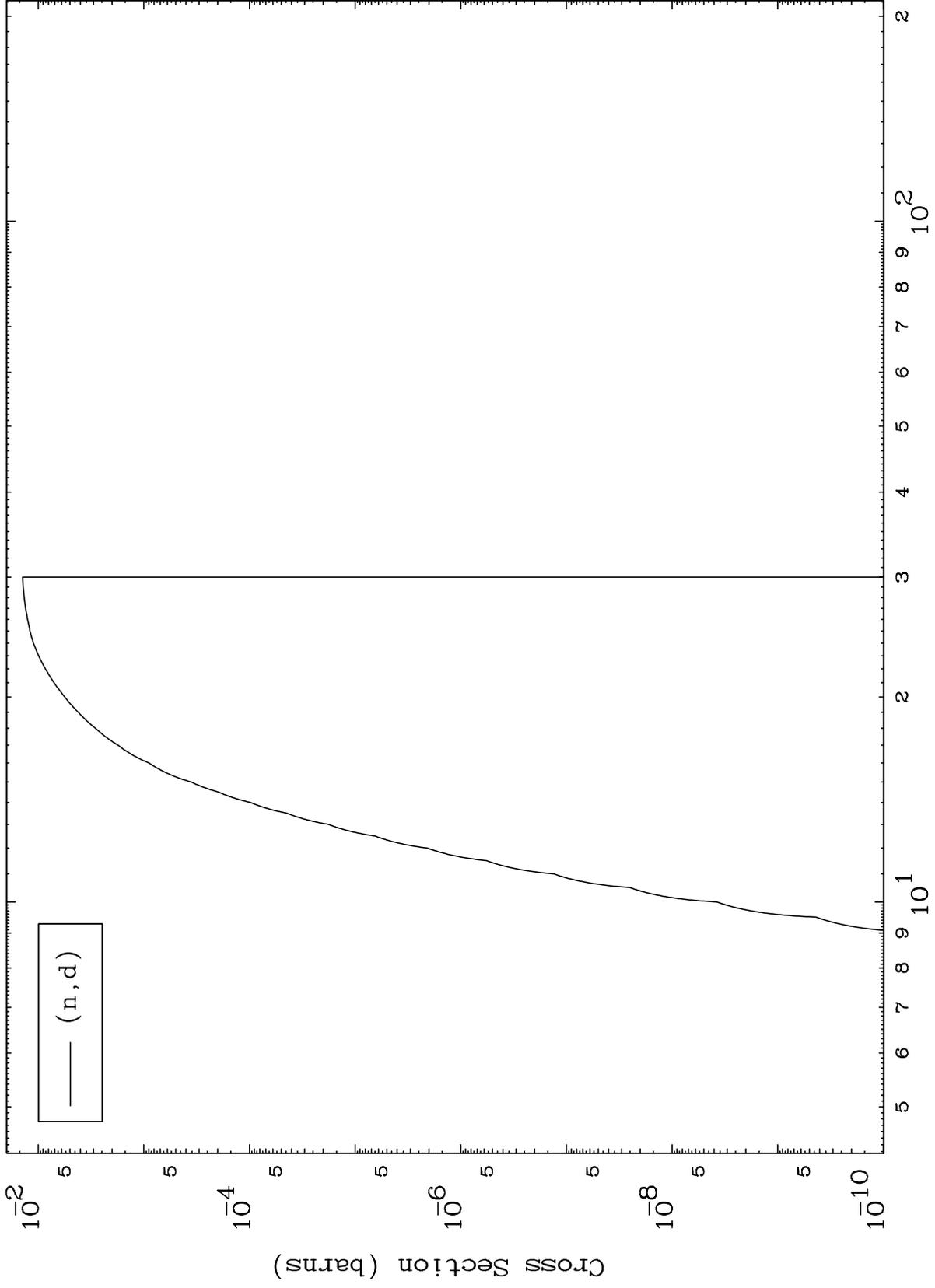
82-Pb-205



MAT 8228

(n,d) Levels
293 Kelvin Cross Sections

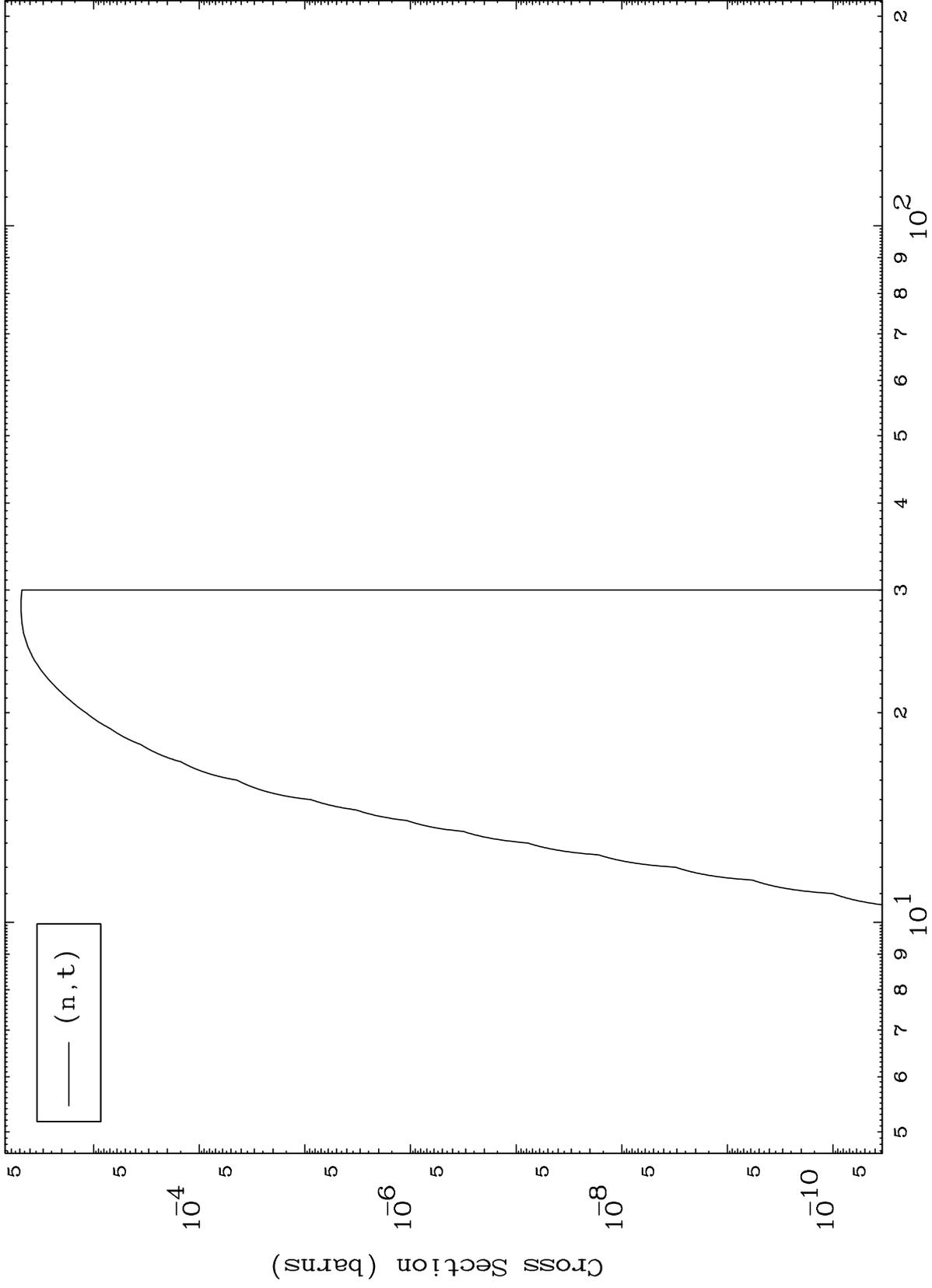
82-Pb-205



MAT 8228

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-205



12

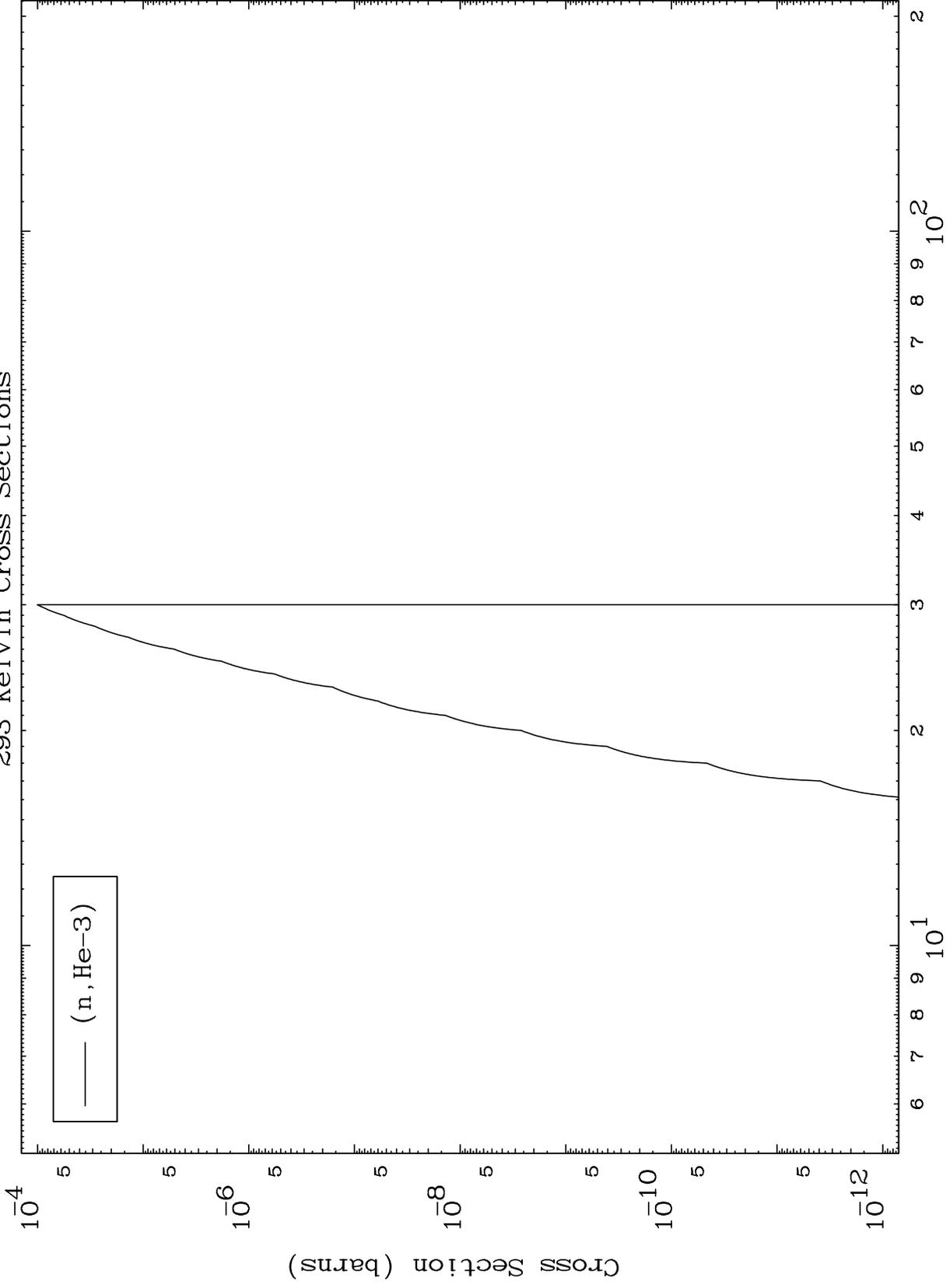
Incident Energy (MeV)

82-Pb-205

MAT 8228

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-205



13

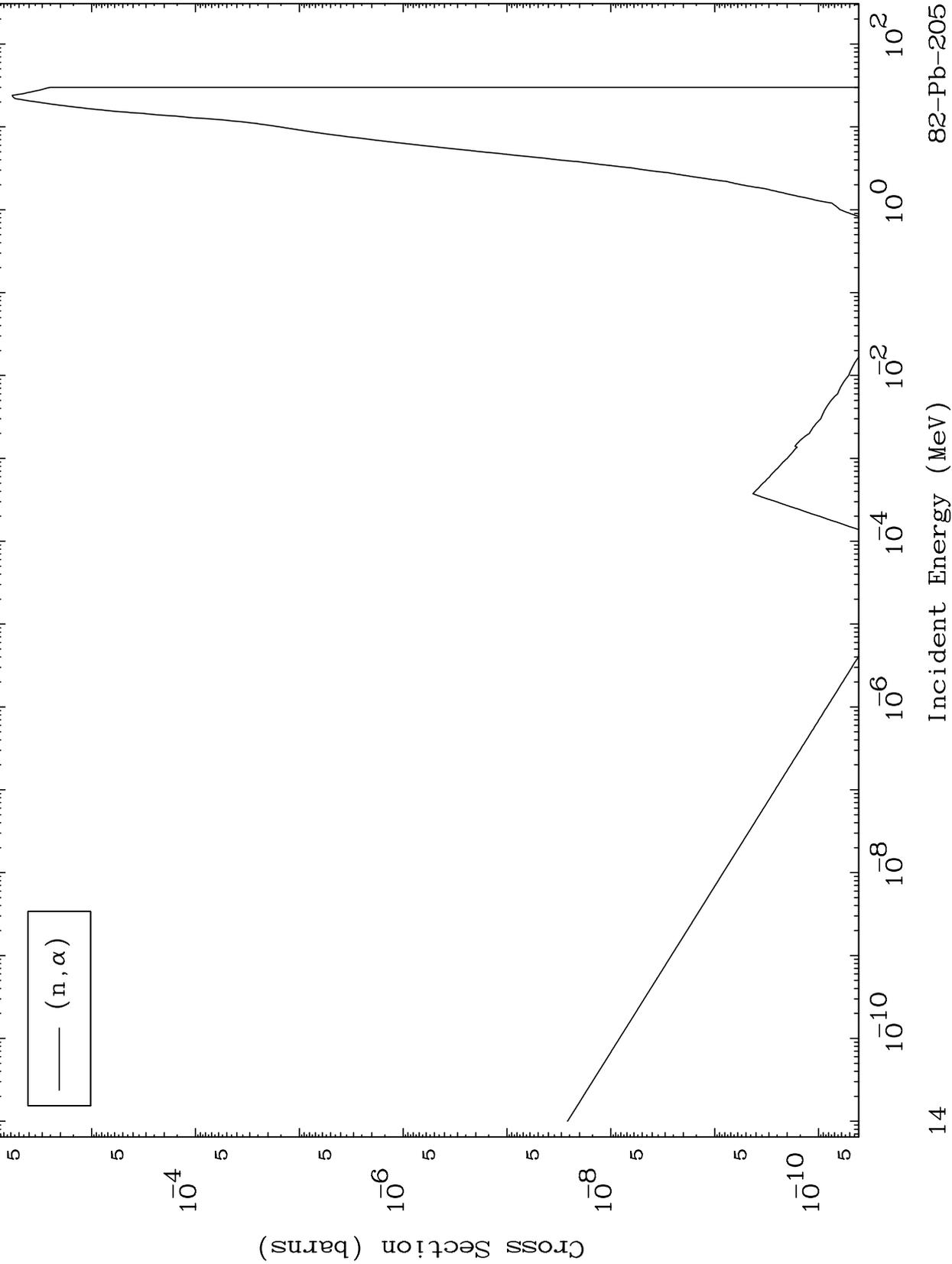
Incident Energy (MeV)

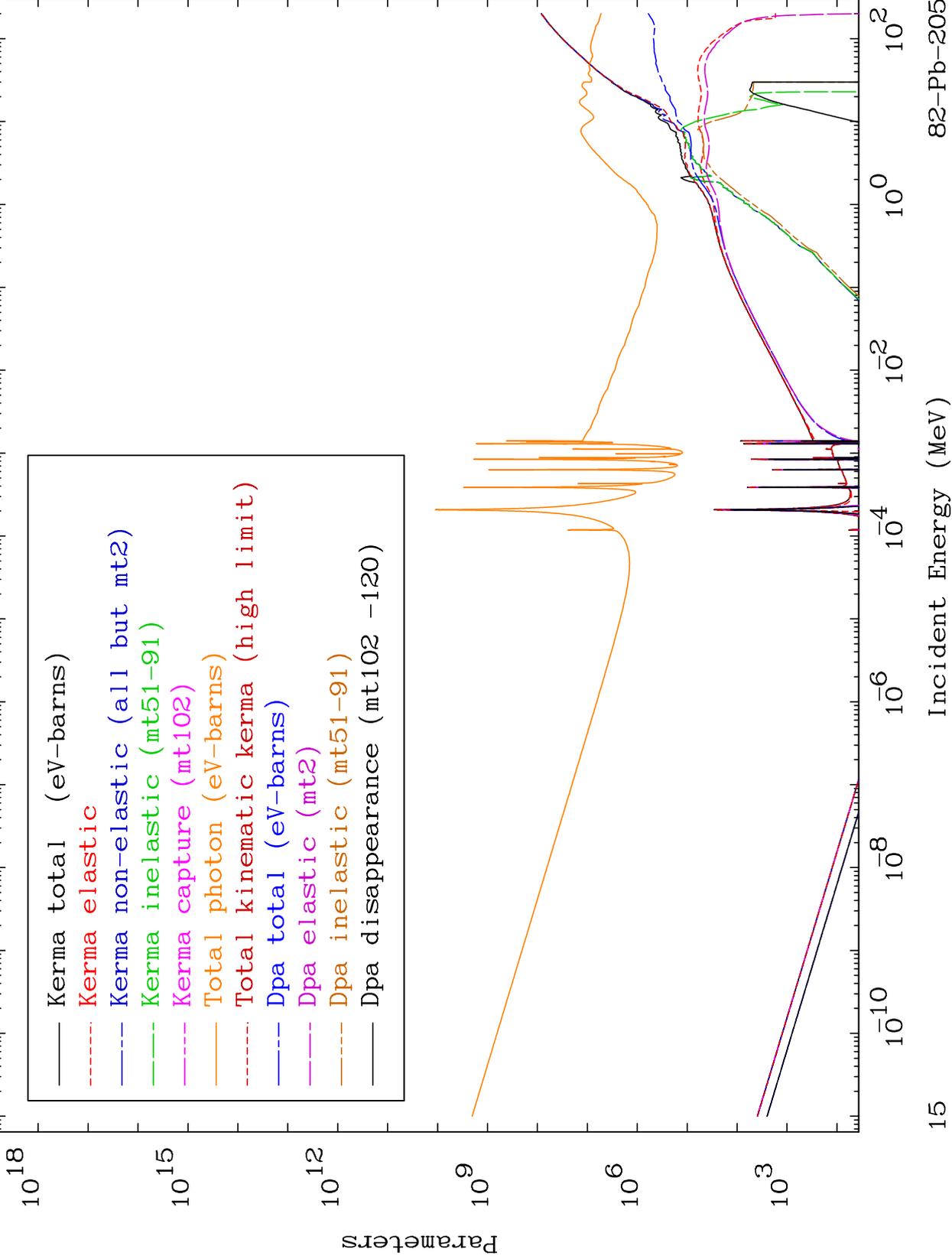
82-Pb-205

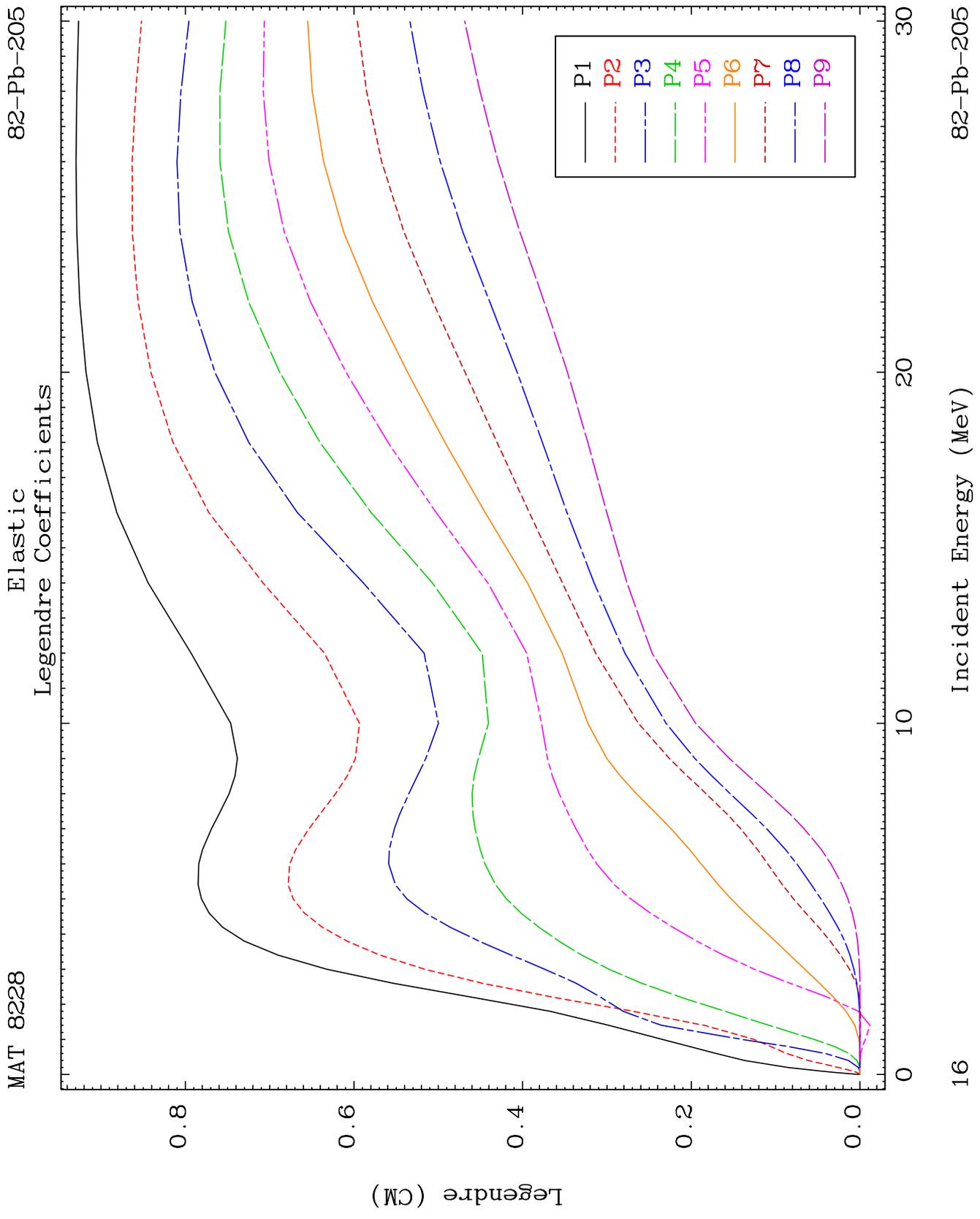
MAT 8228

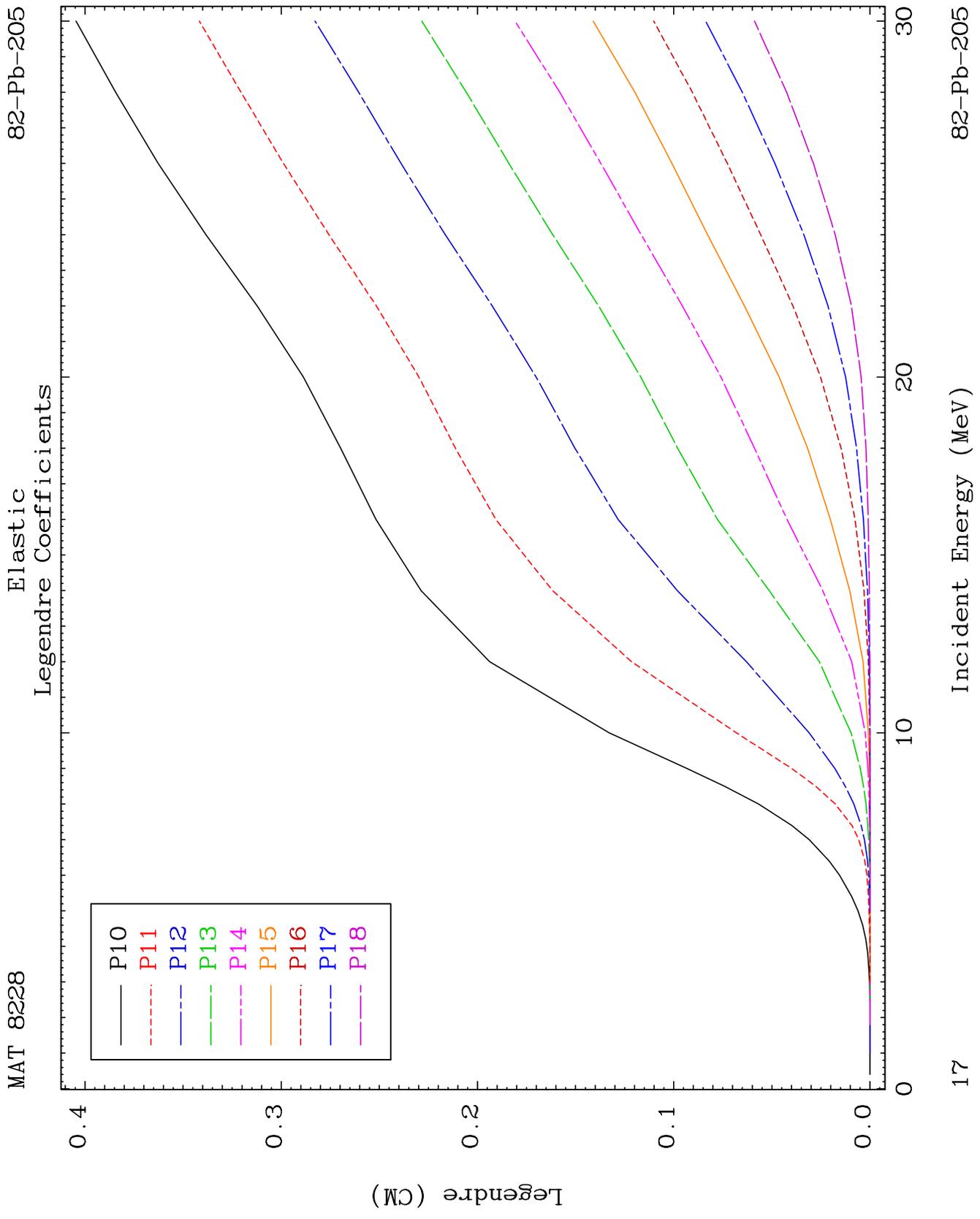
(n, α) Levels
293 Kelvin Cross Sections

82-Pb-205





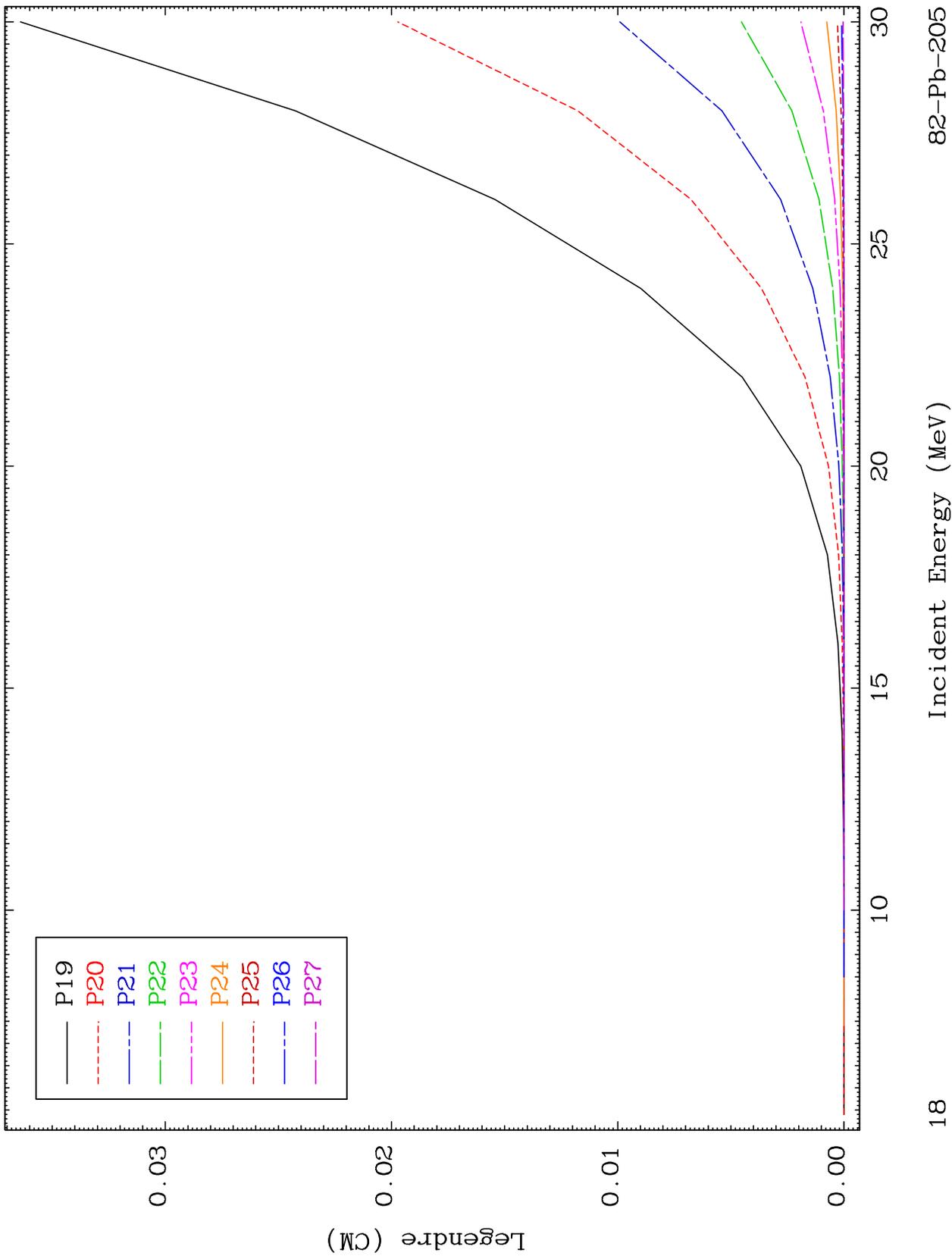




MAT 8228

Elastic Legendre Coefficients

82-Pb-205



18

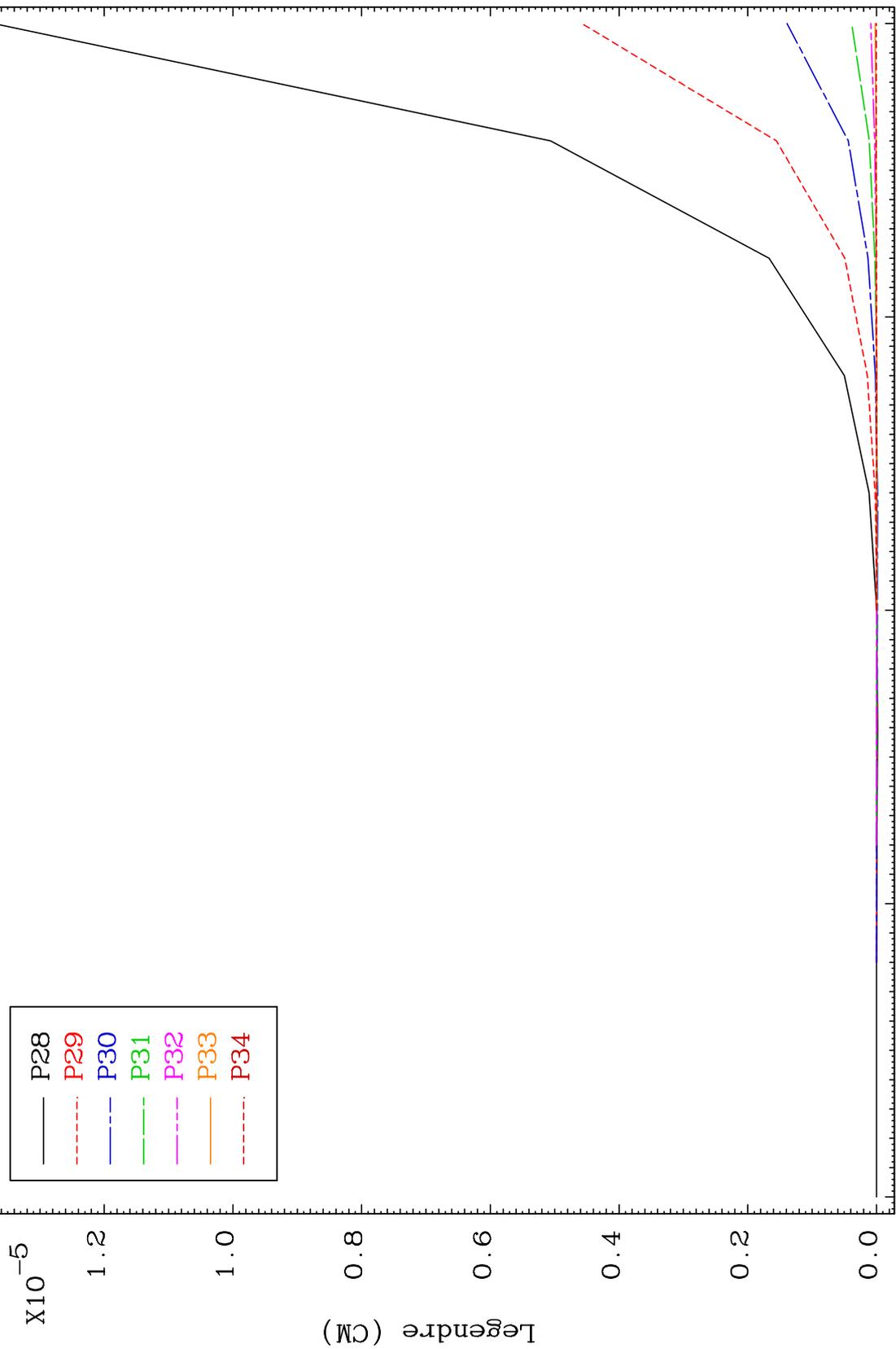
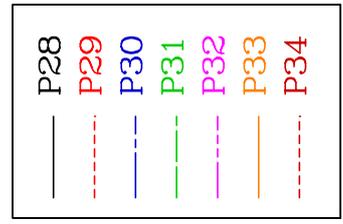
Incident Energy (MeV)

82-Pb-205

MAT 8228

Elastic Legendre Coefficients

82-Pb-205



19

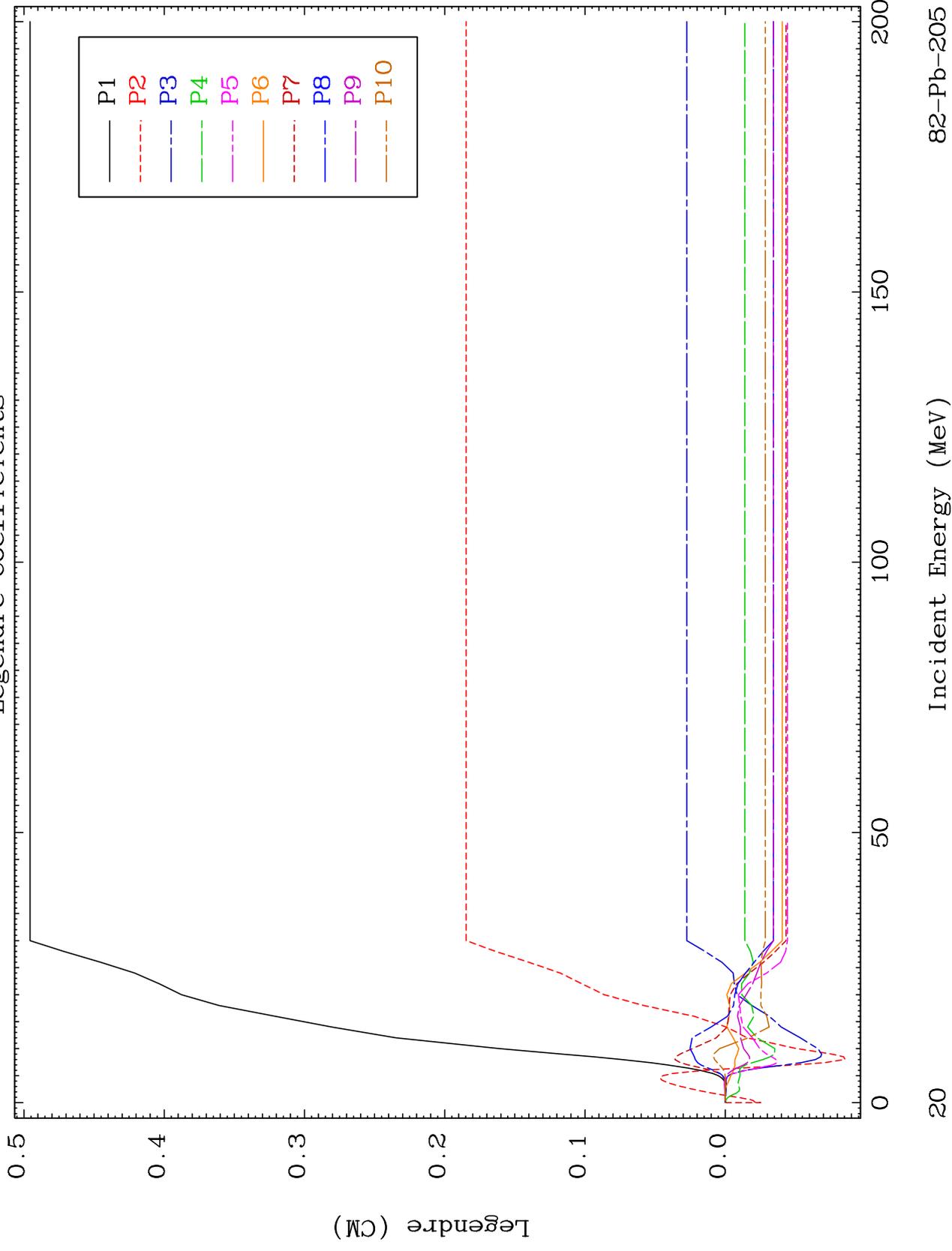
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205

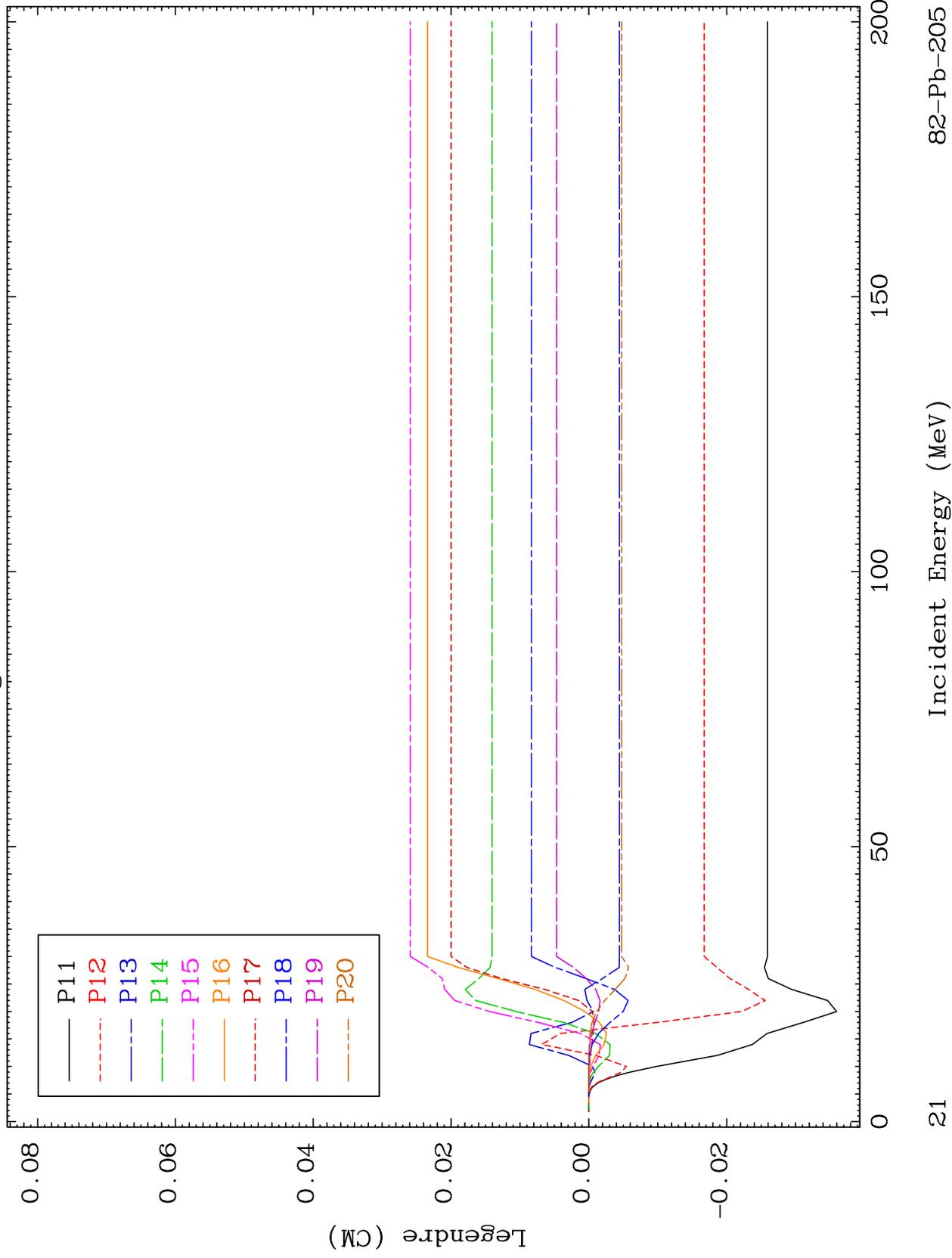


82-Pb-205

MAT 8228

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

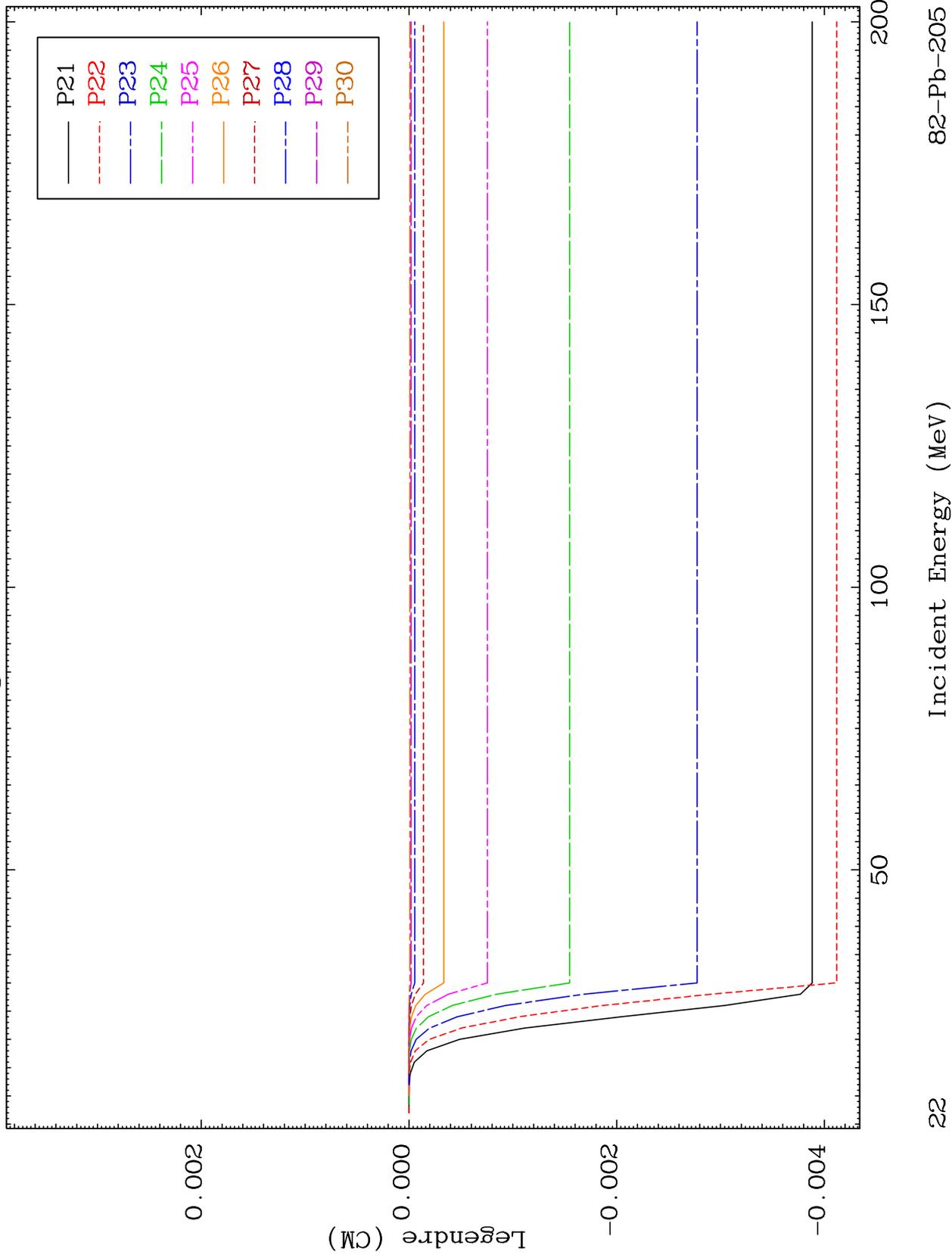
82-Pb-205



MAT 8228

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

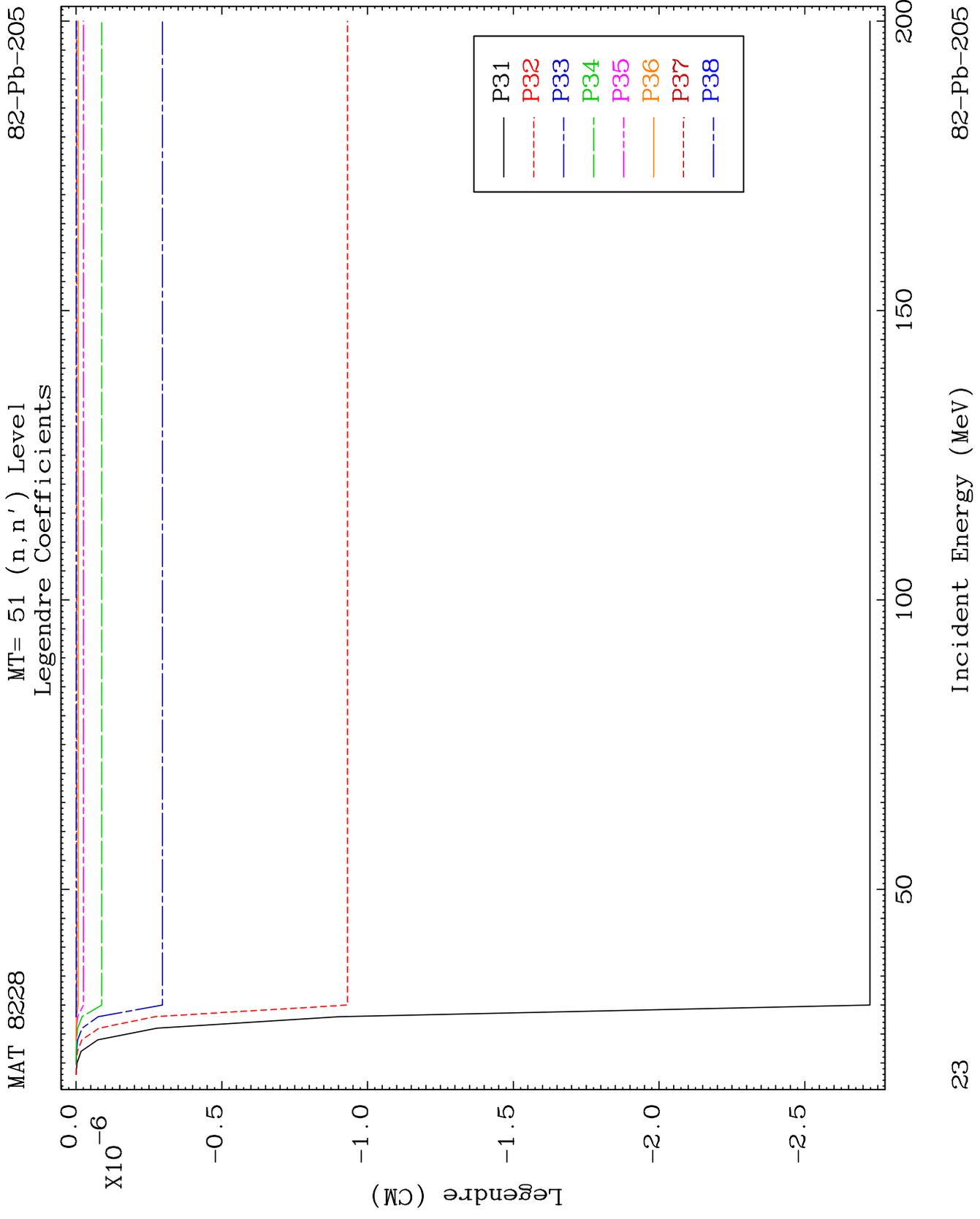
82-Pb-205



22

Incident Energy (MeV)

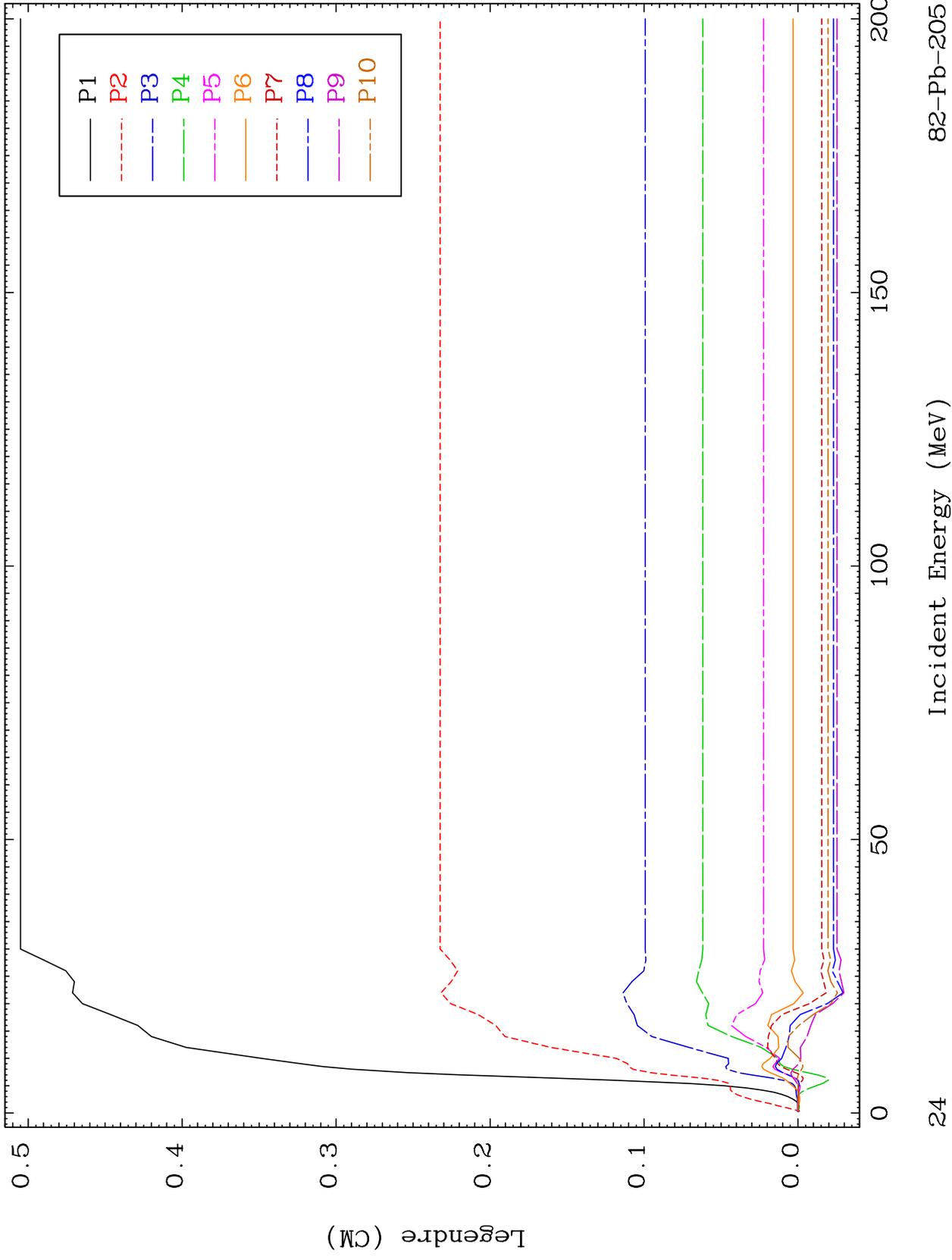
82-Pb-205



MAT 8228

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

82-Pb-205

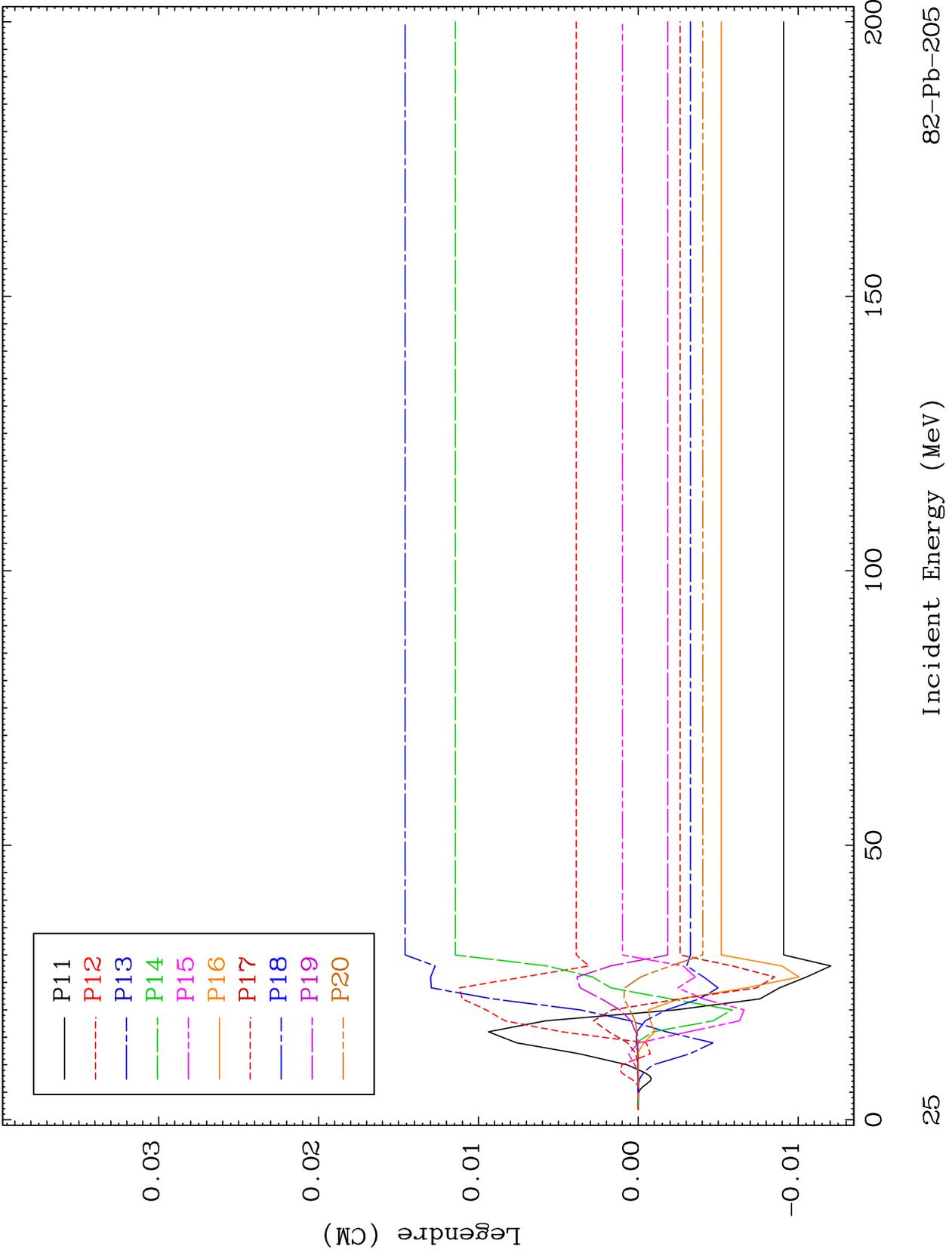


24

MAT 8228

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

82-Pb-205



25

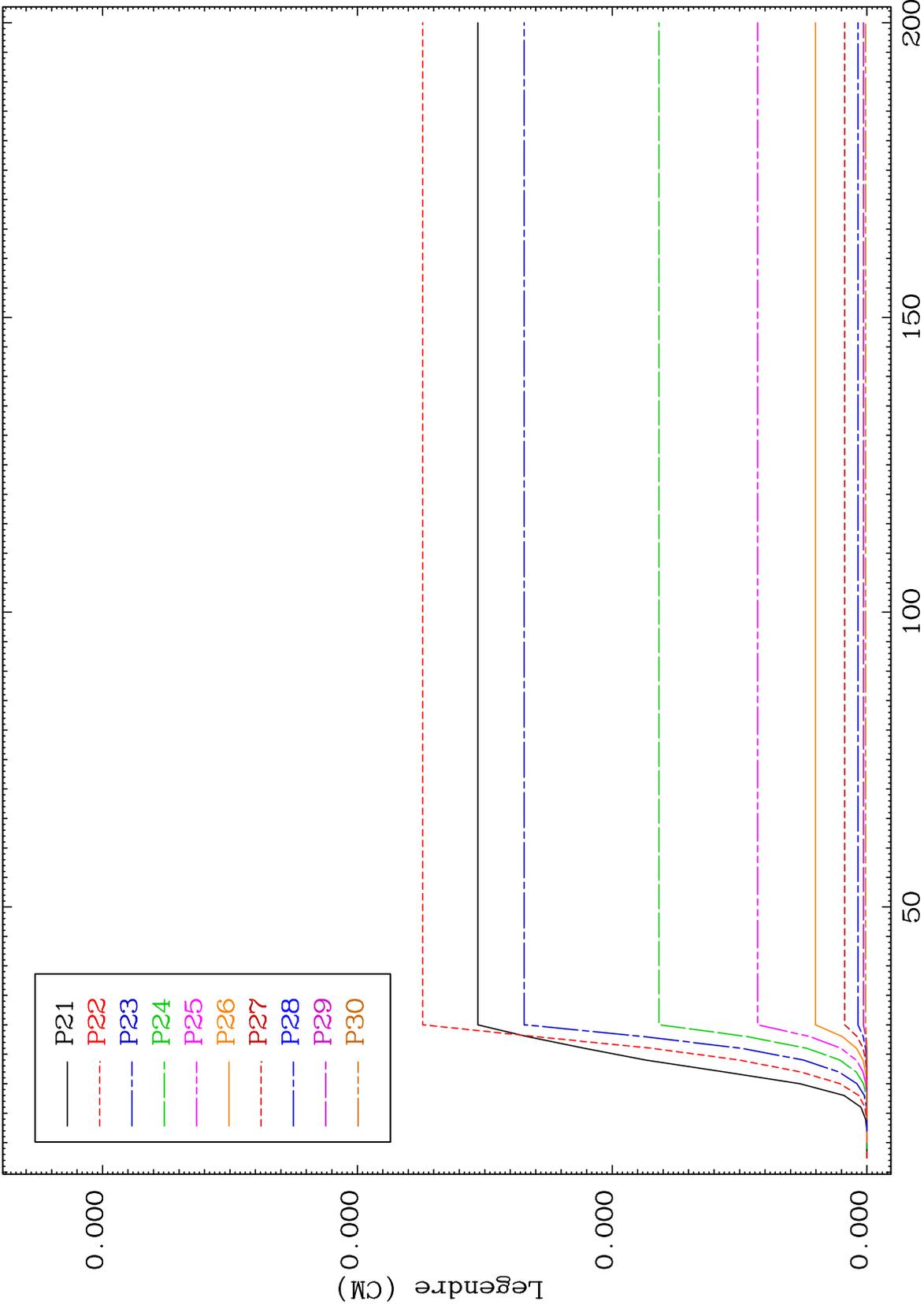
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



26

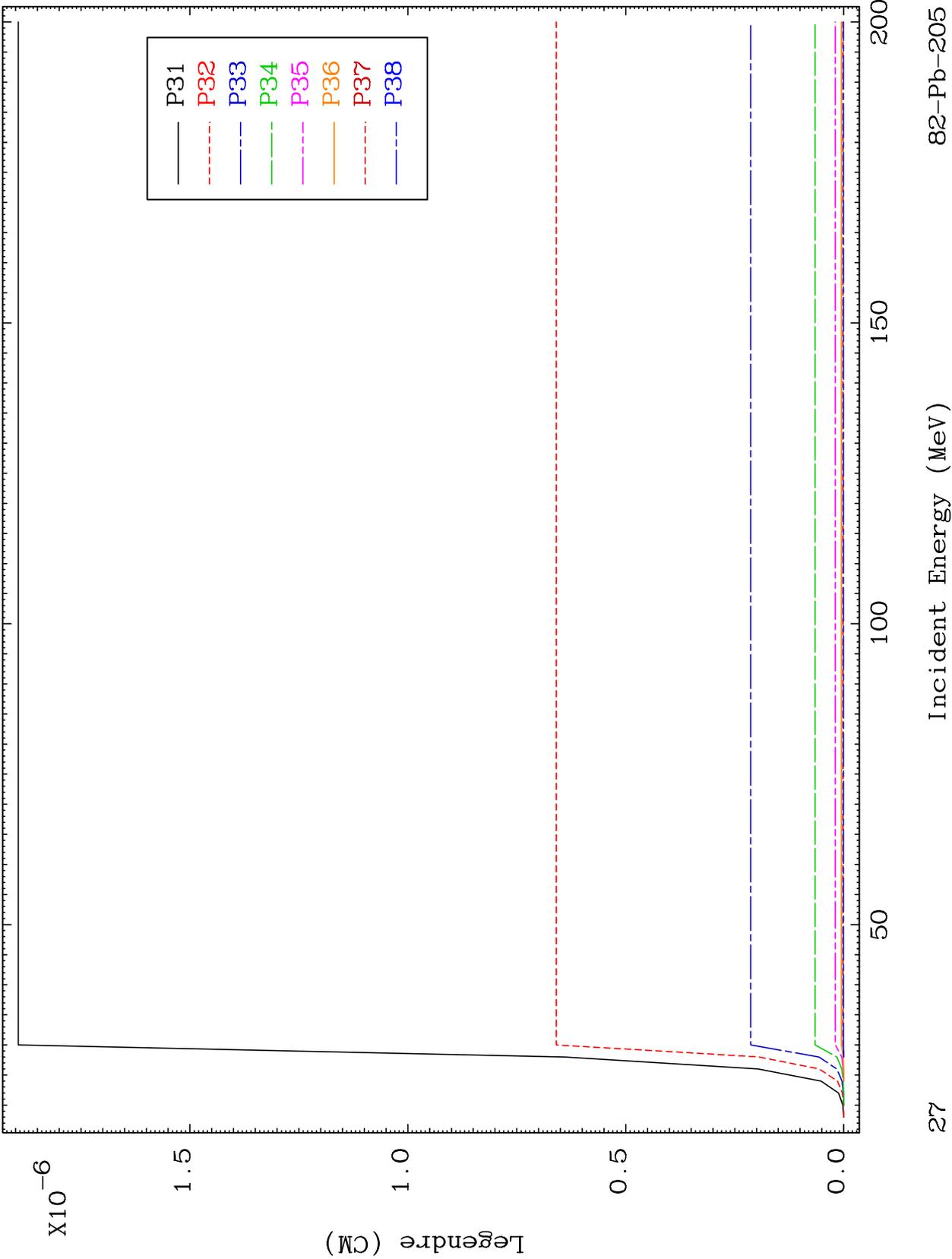
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

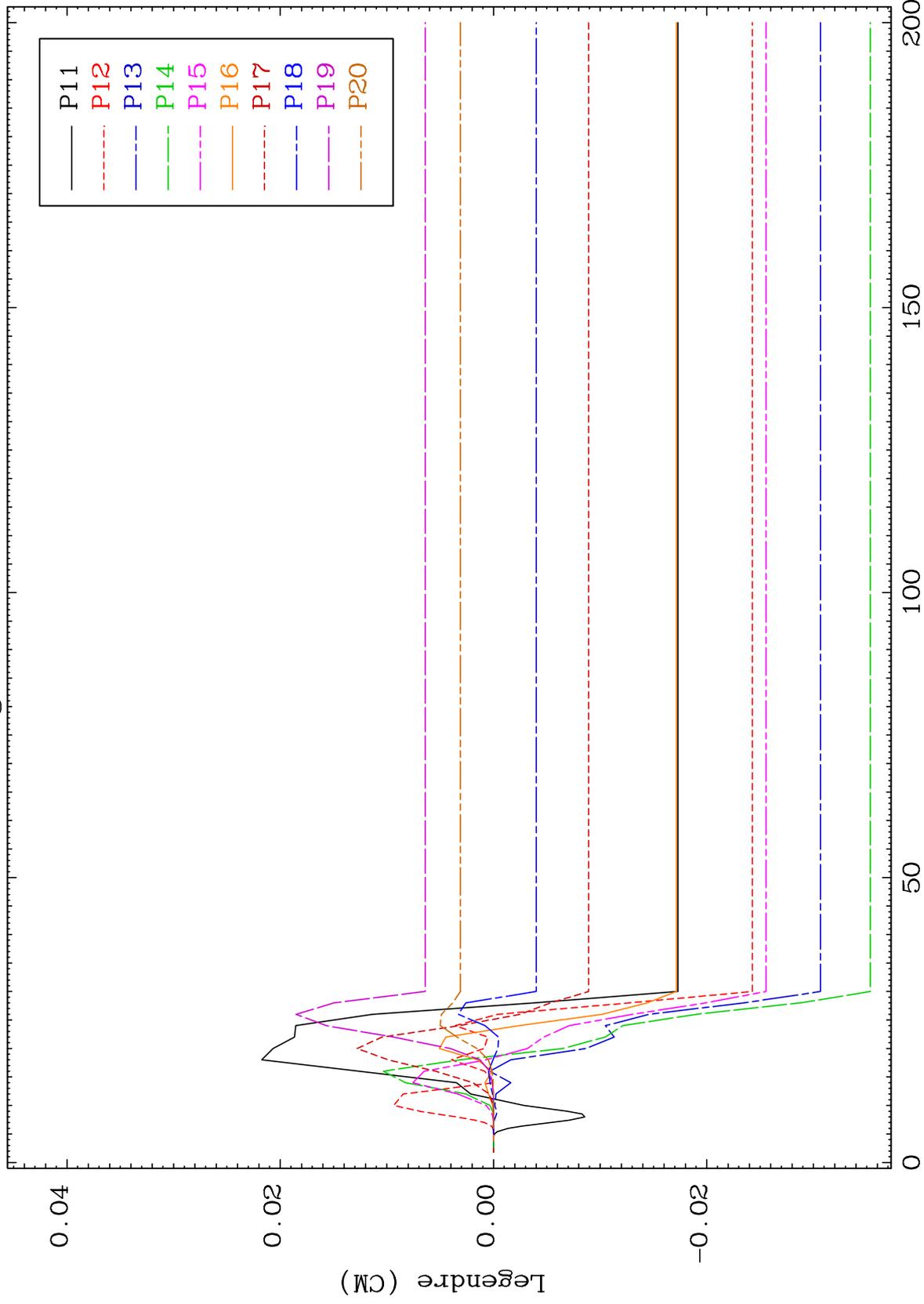
82-Pb-205



MAT 8228

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

82-Pb-205



29

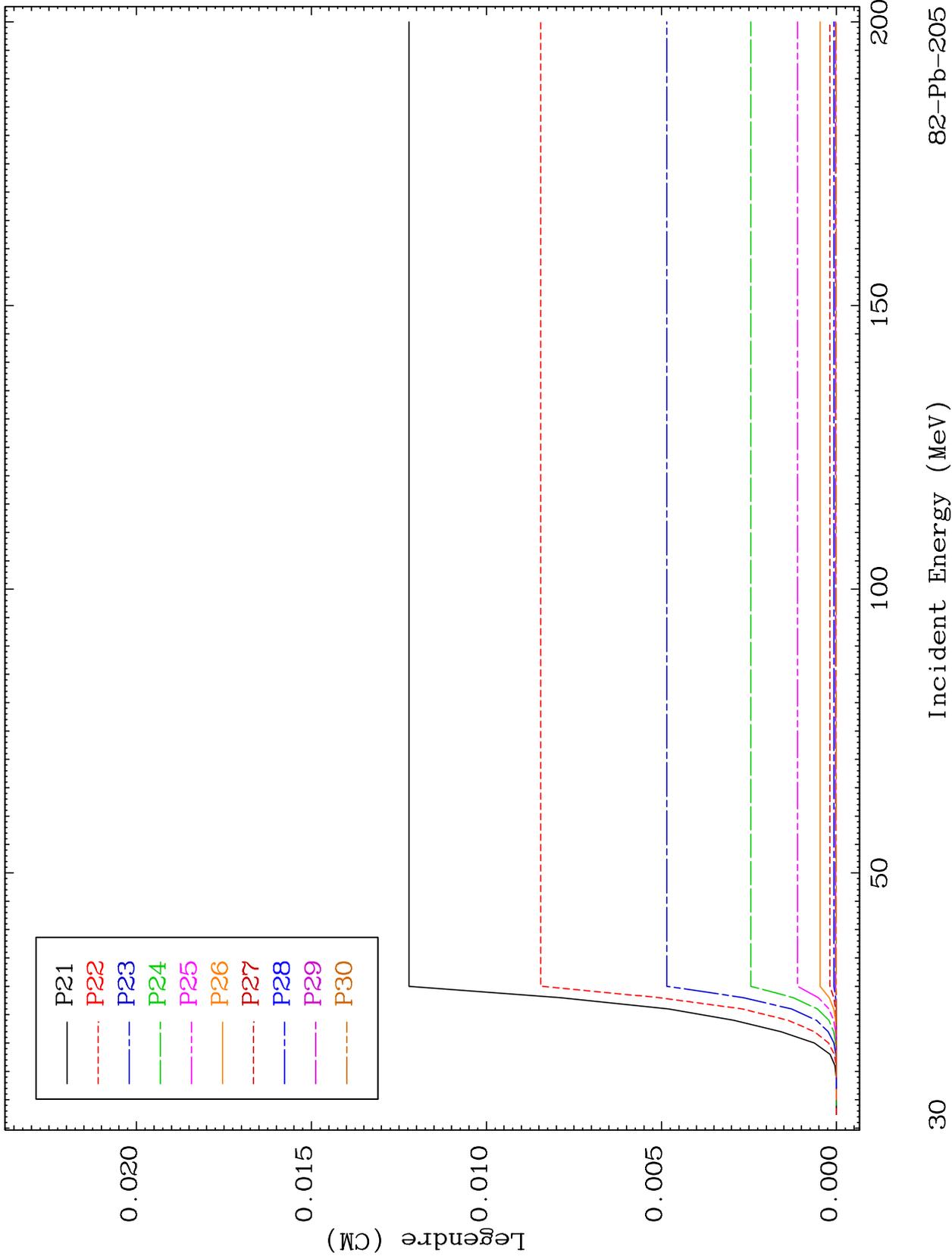
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



30

Incident Energy (MeV)

82-Pb-205

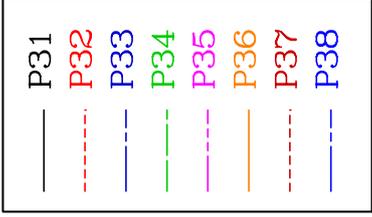
MAT 8228

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

82-Pb-205

$\times 10^{-6}$
3

Legendre (CM)



0

50

100

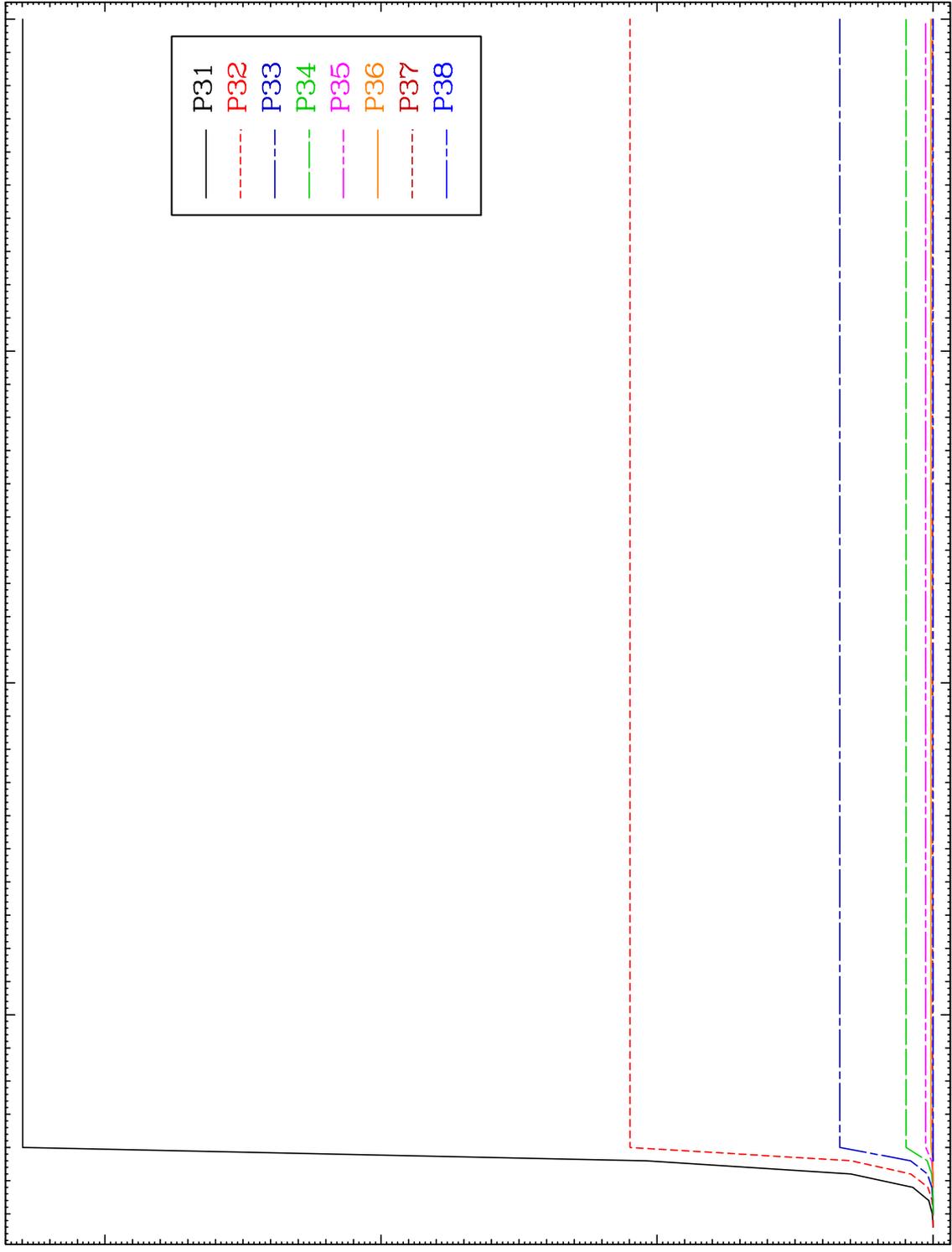
150

200

31

Incident Energy (MeV)

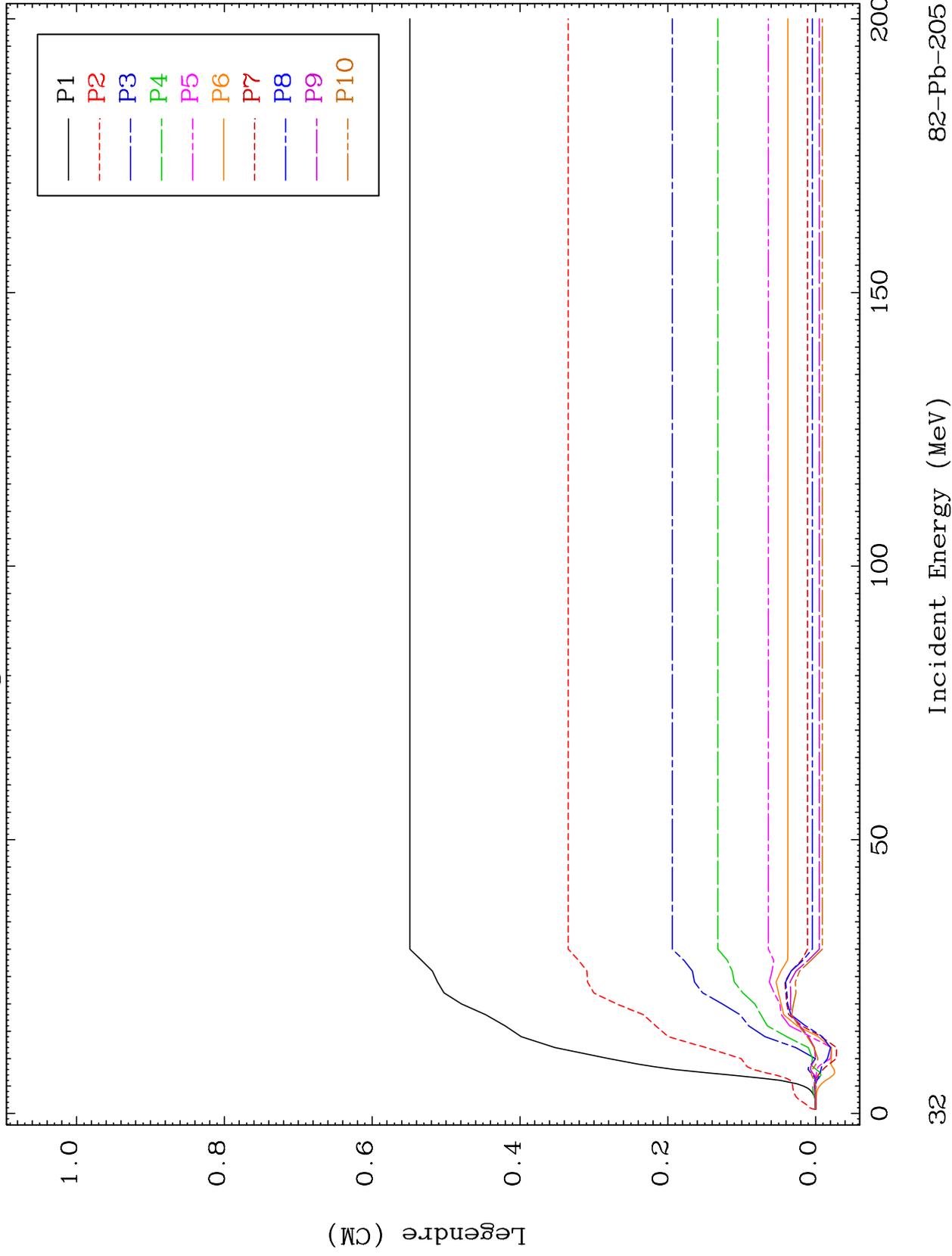
82-Pb-205



MAT 8228

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

82-Pb-205



82-Pb-205

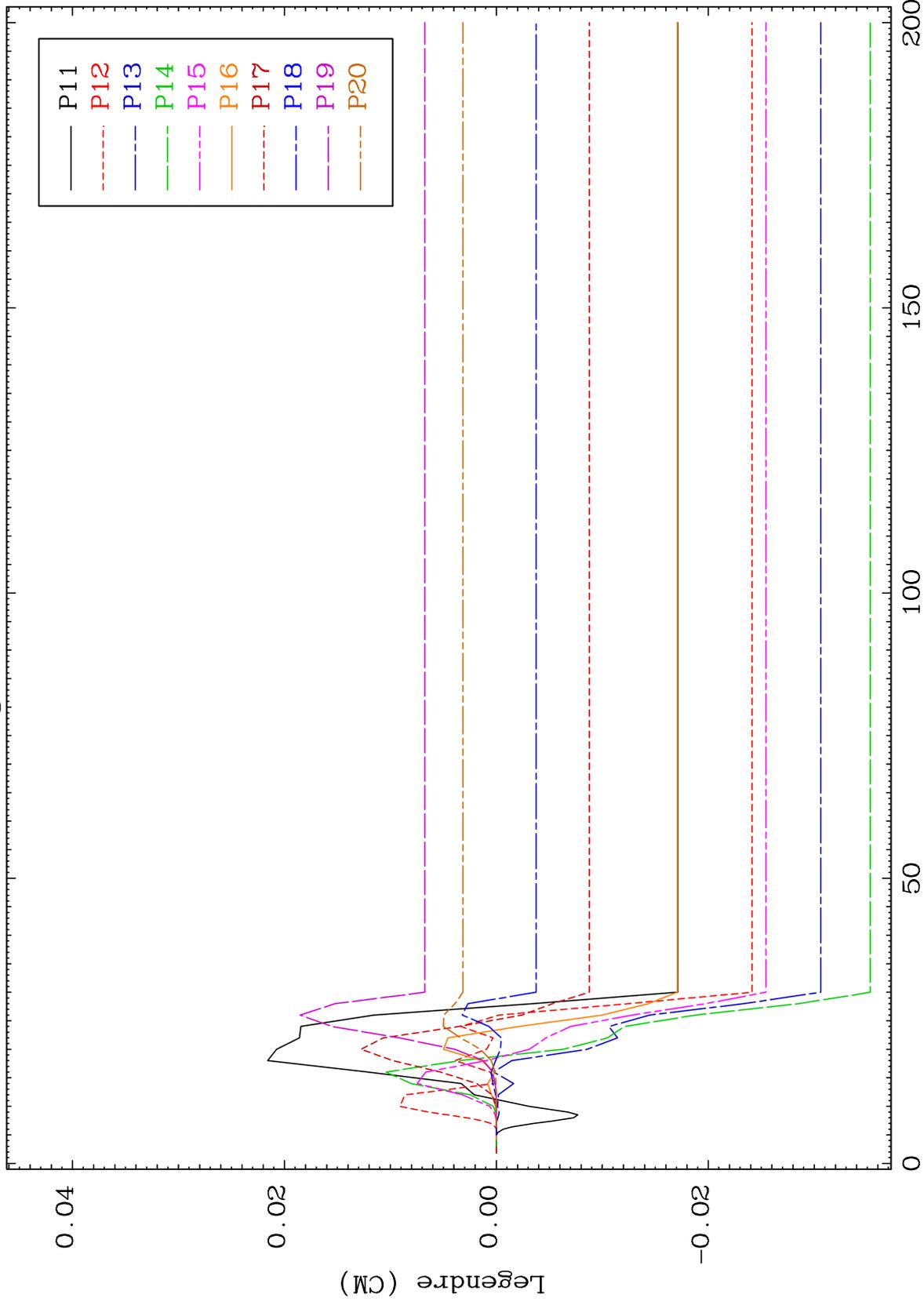
Incident Energy (MeV)

32

MAT 8228

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

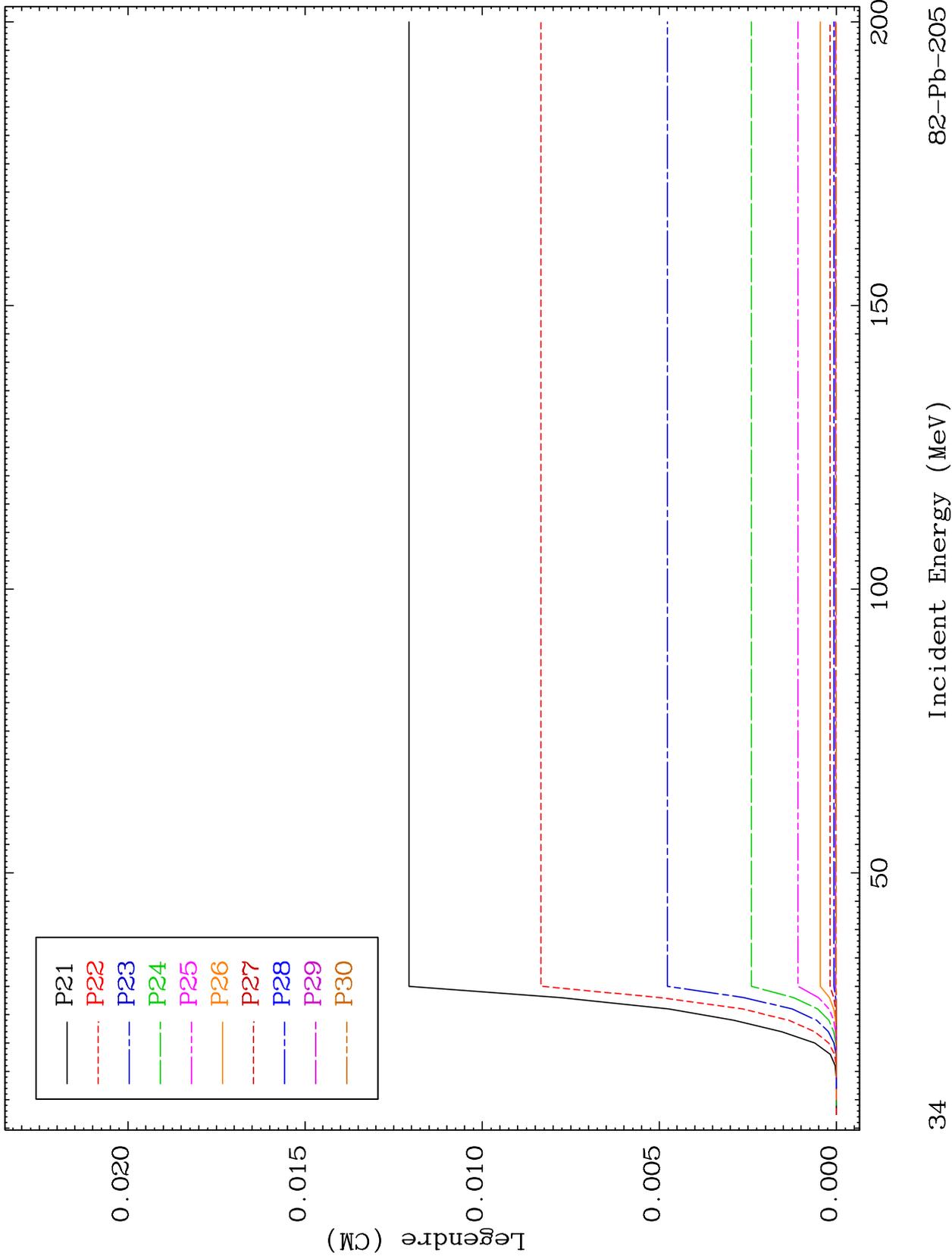
82-Pb-205



33

Incident Energy (MeV)

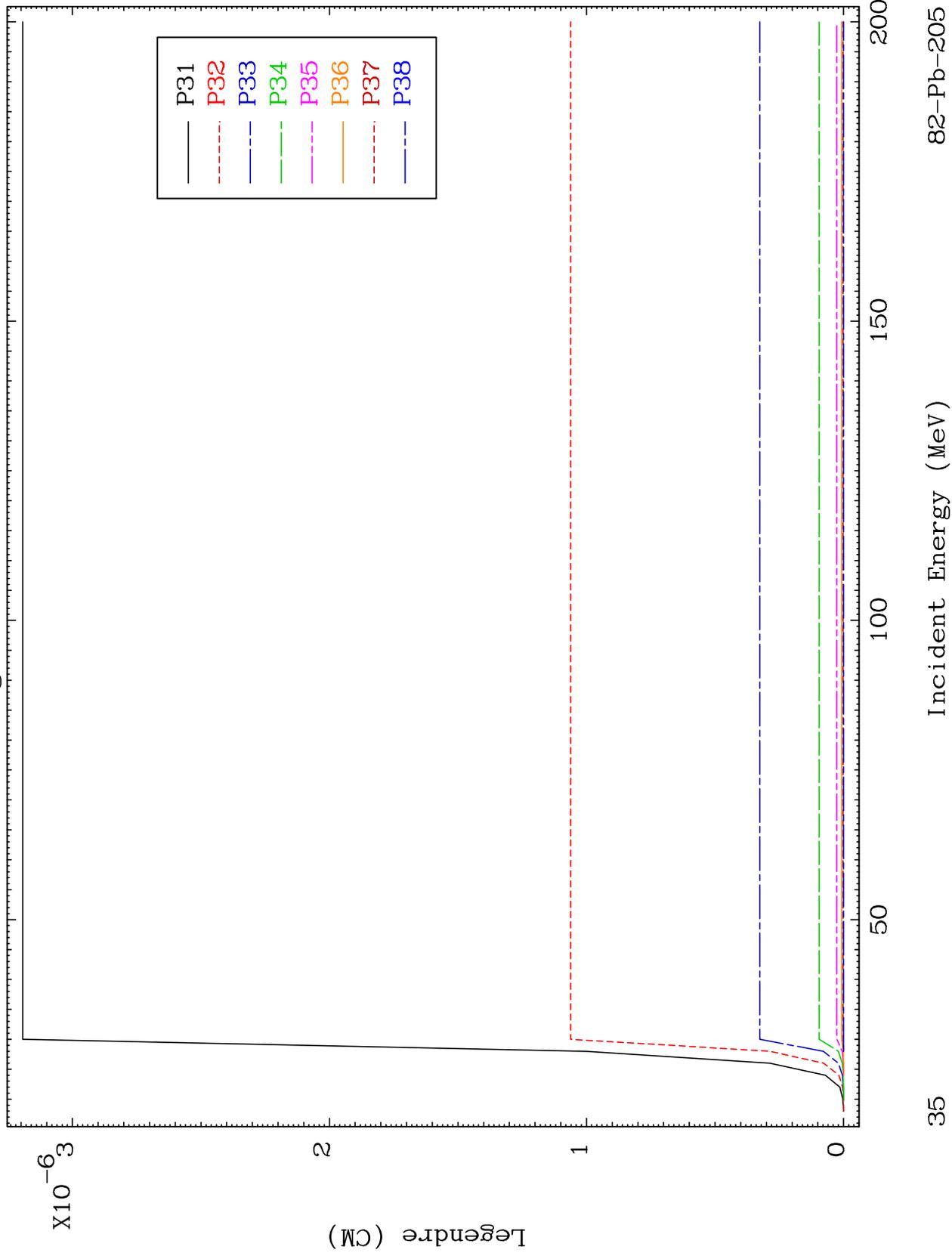
82-Pb-205

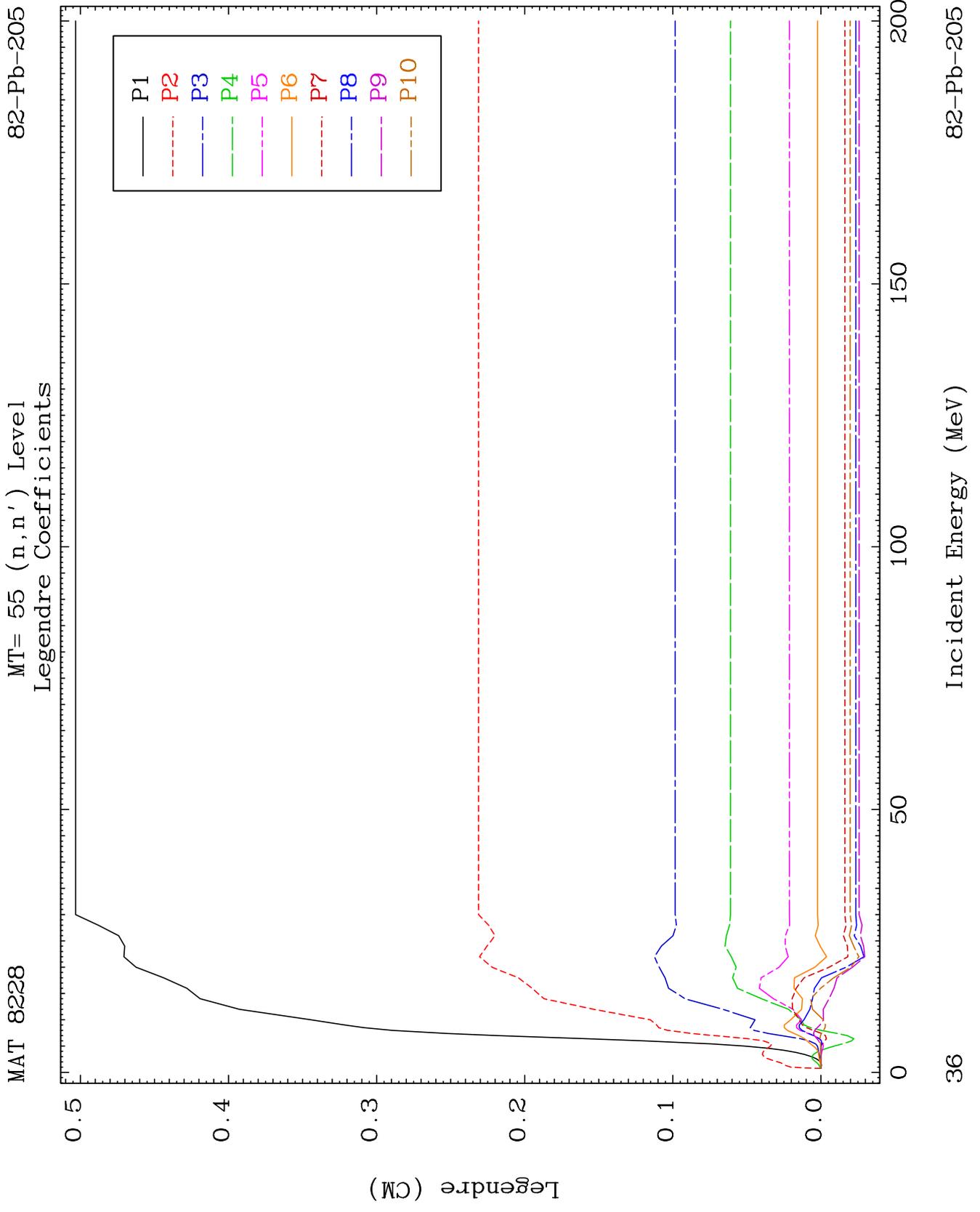


MAT 8228

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

82-Pb-205

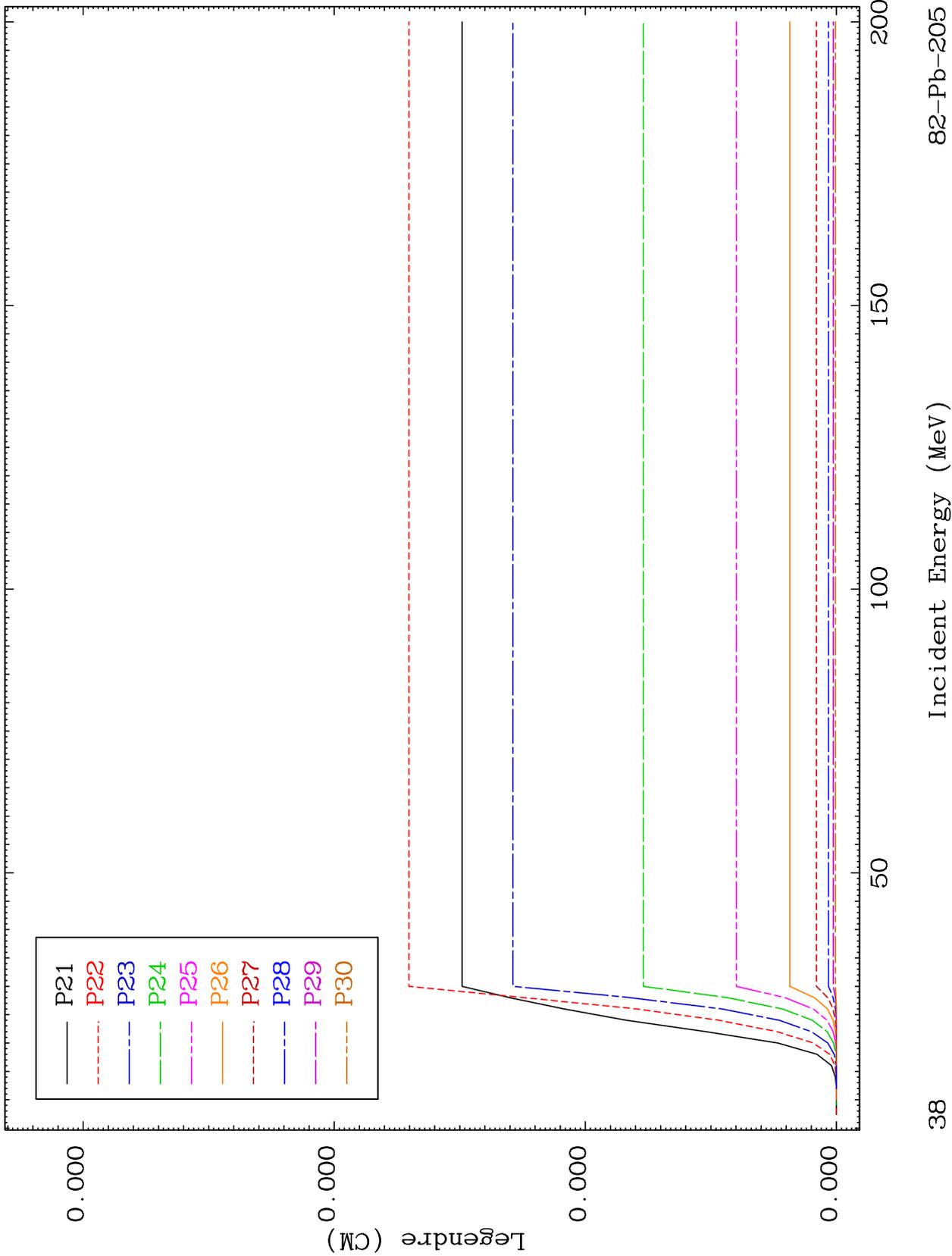




MAT 8228

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

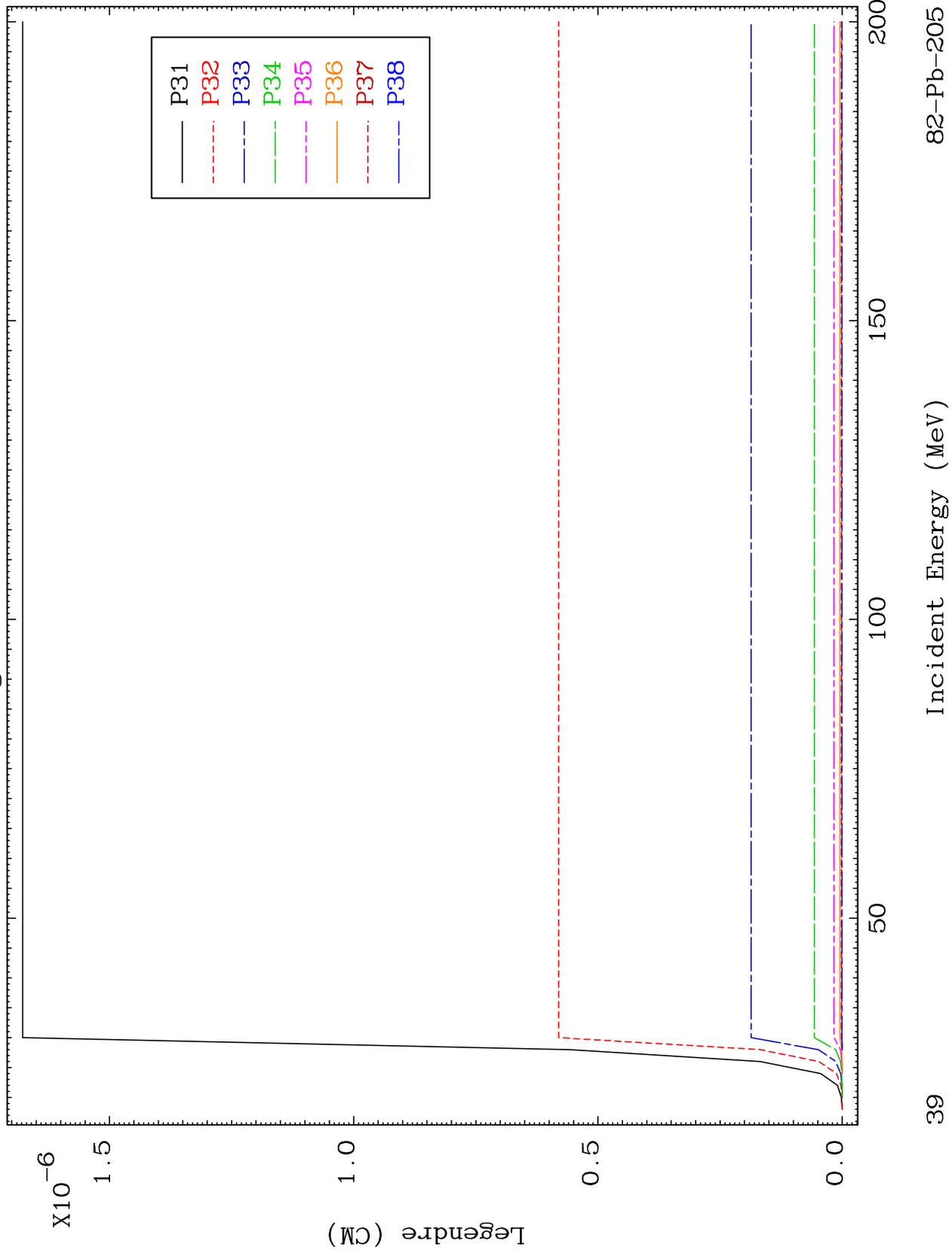
82-Pb-205



MAT 8228

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

82-Pb-205



39

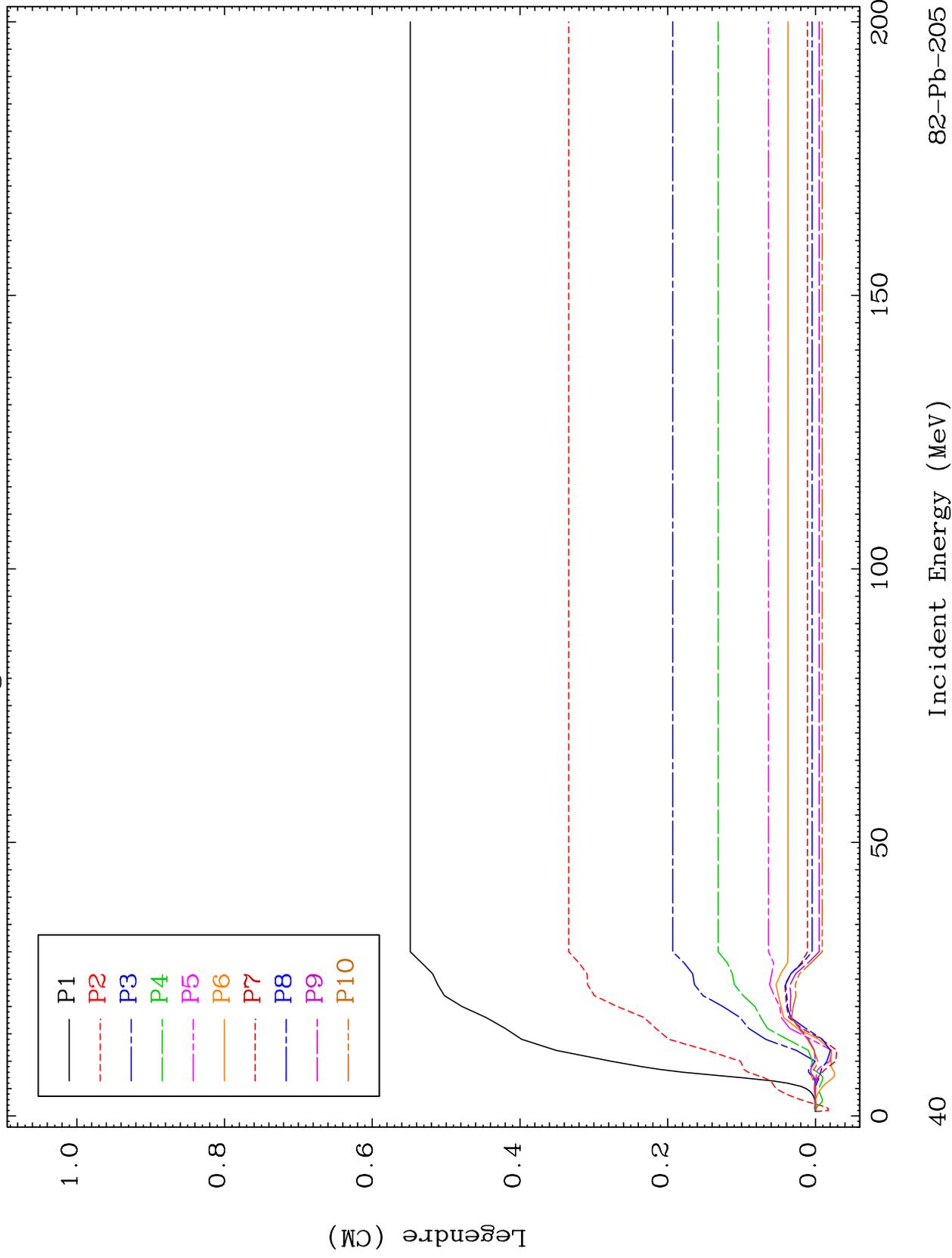
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

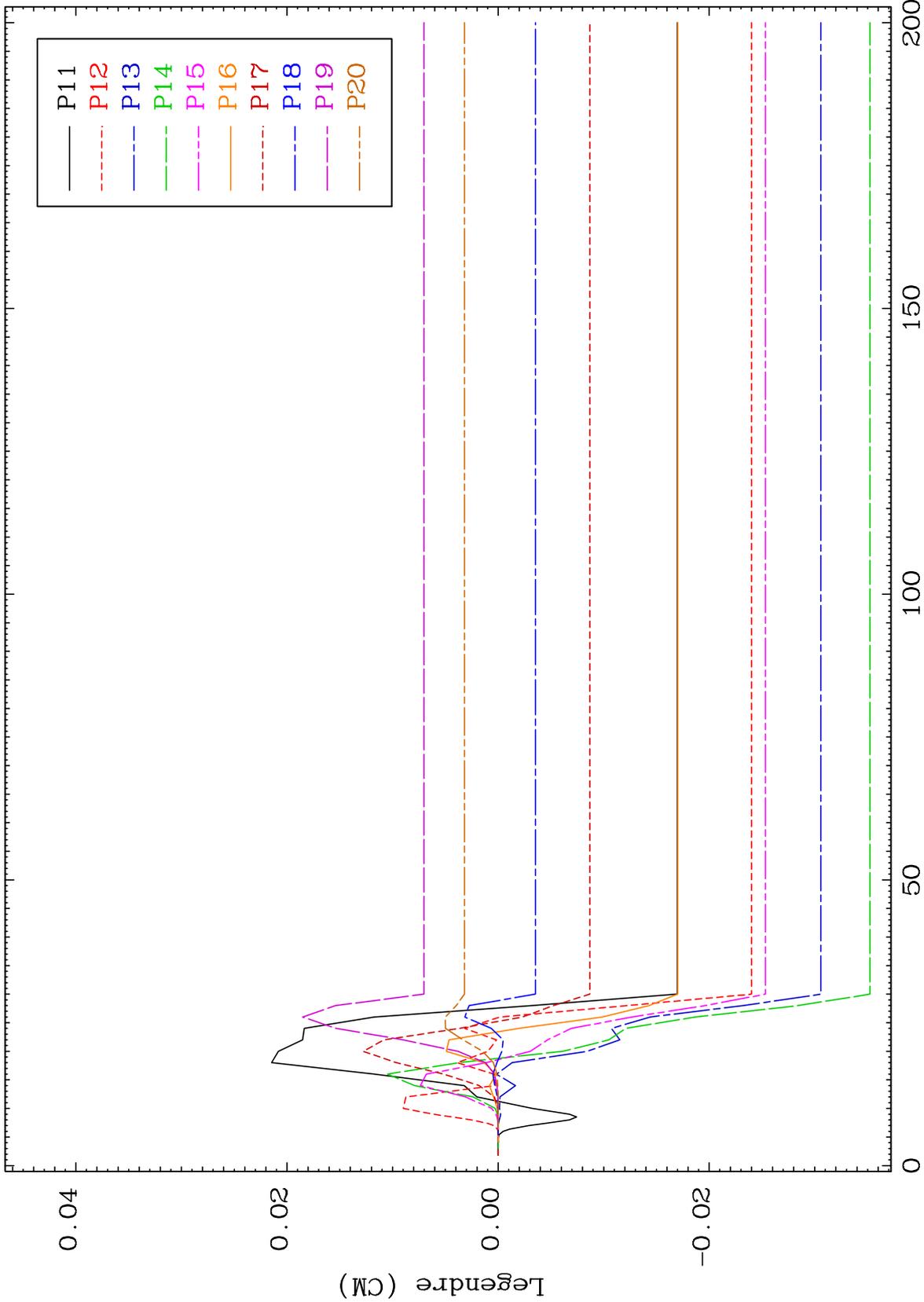
82-Pb-205



MAT 8228

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

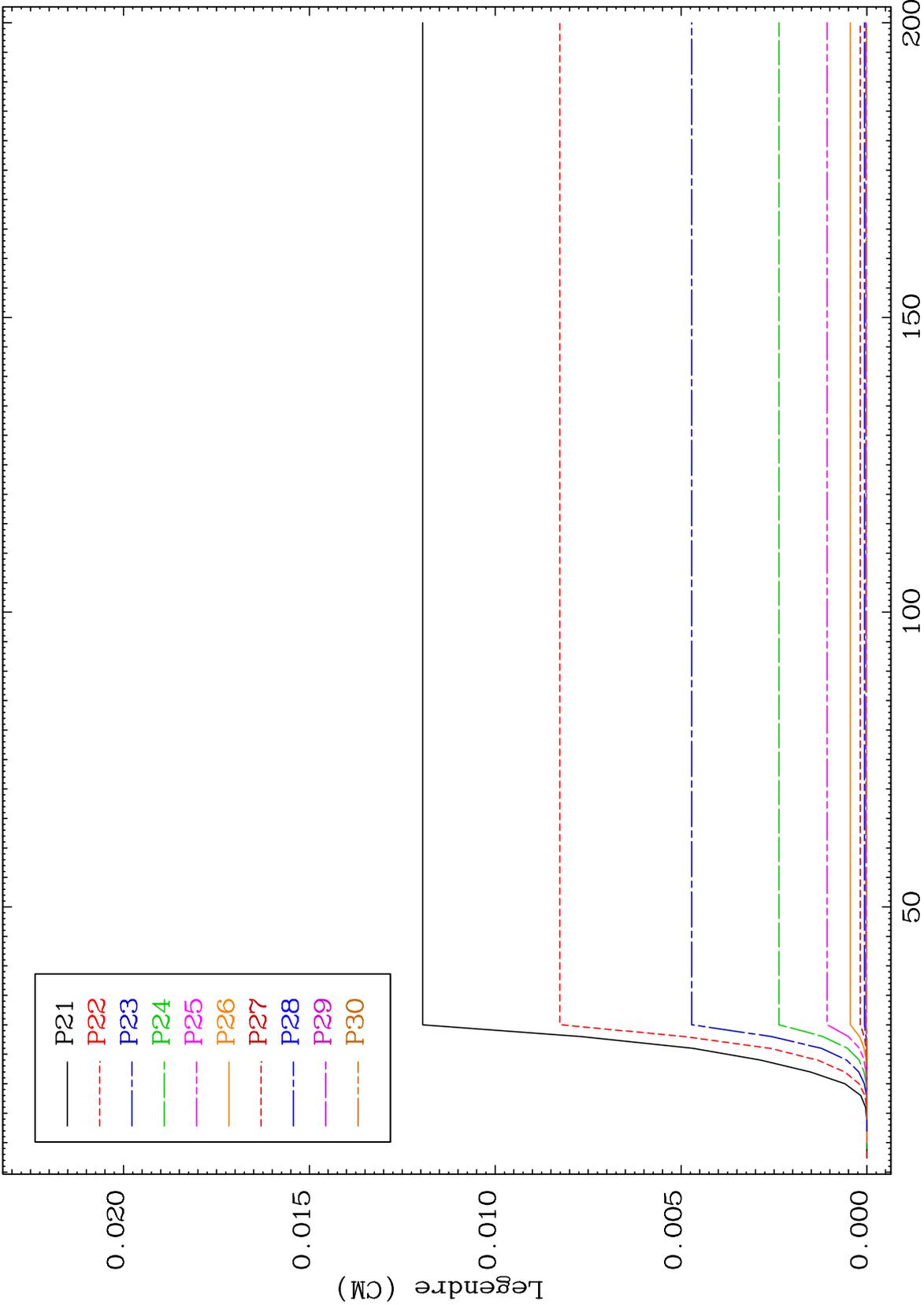
82-Pb-205



MAT 8228

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

82-Pb-205



42

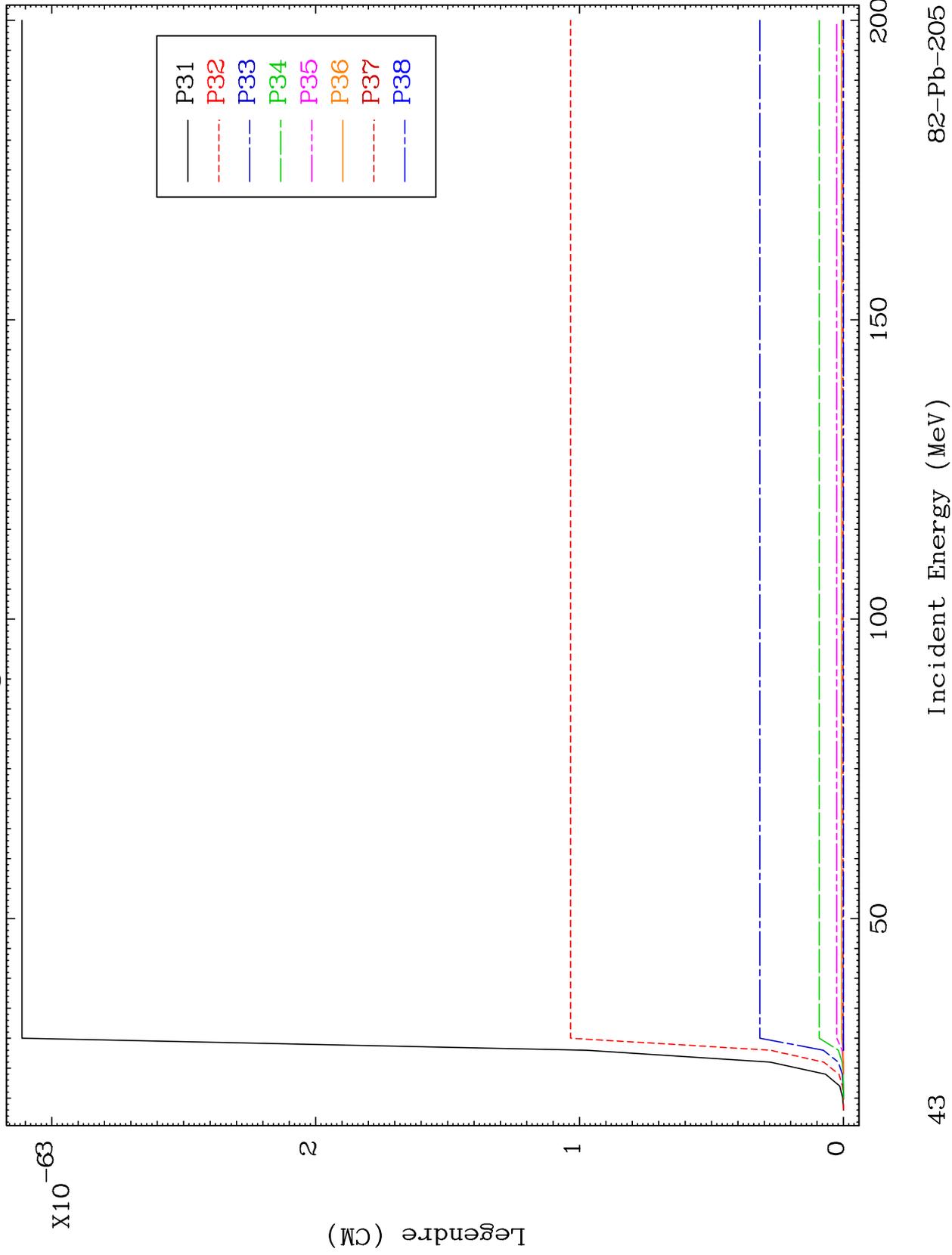
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



43

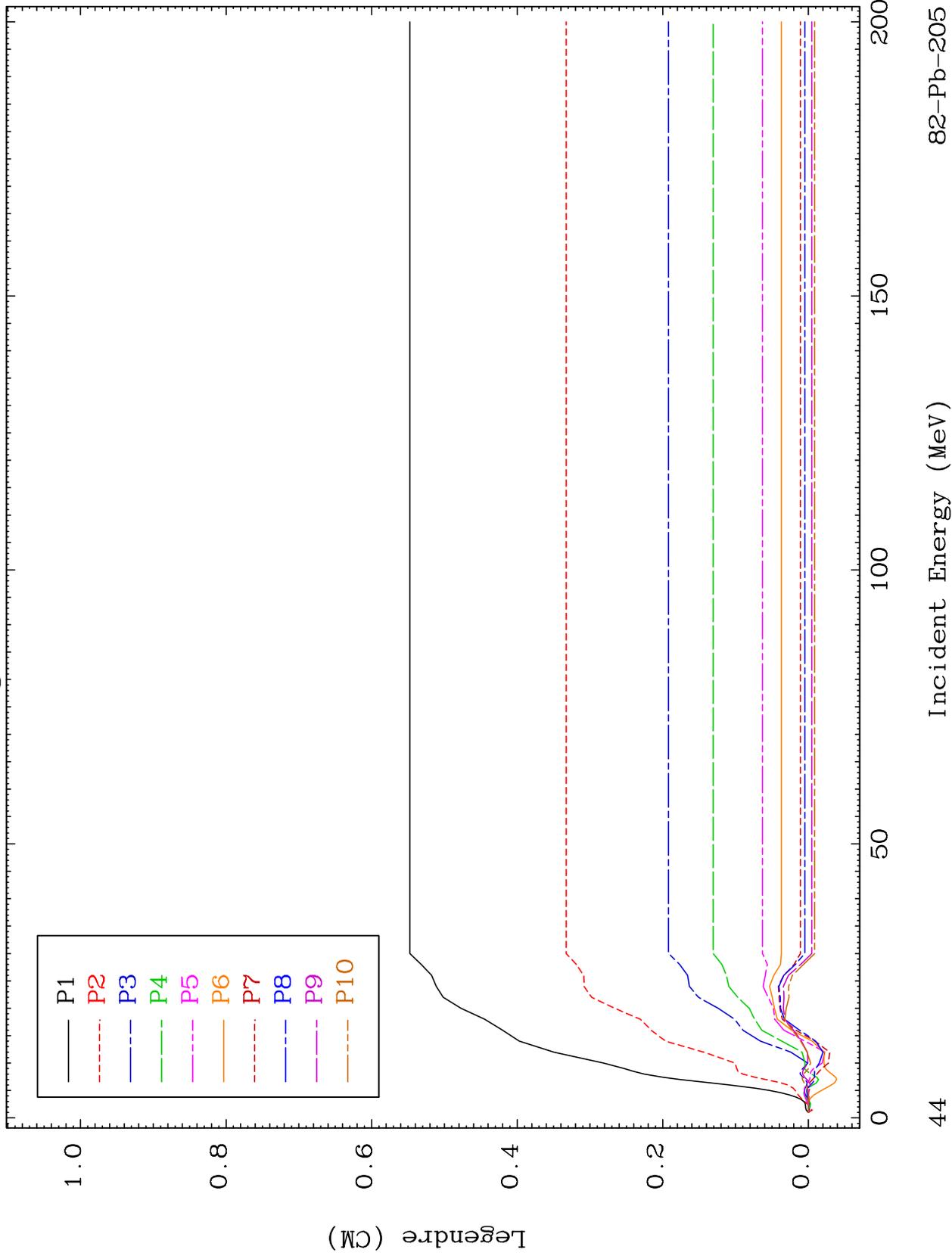
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205

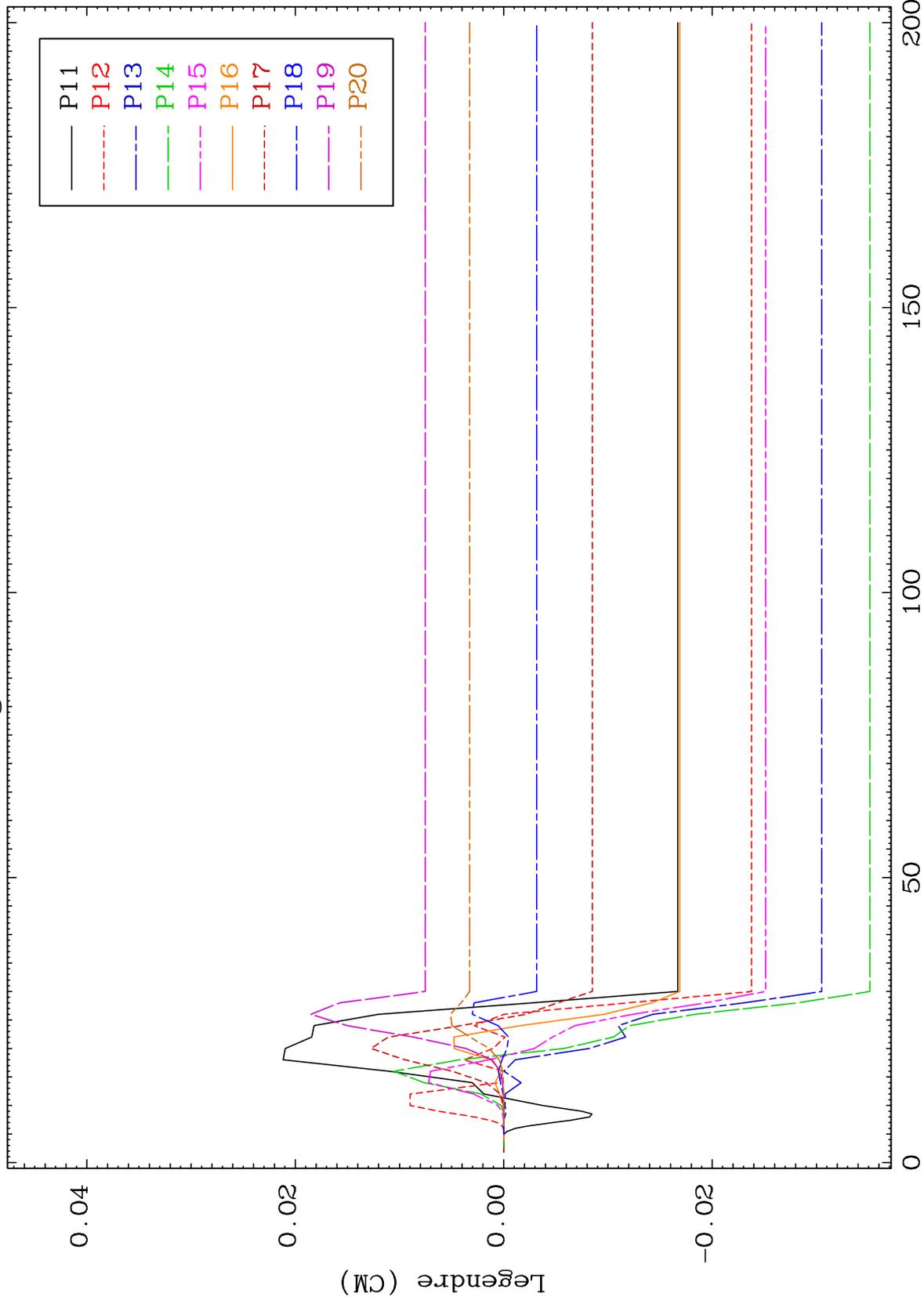


44

MAT 8228

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

82-Pb-205



82-Pb-205

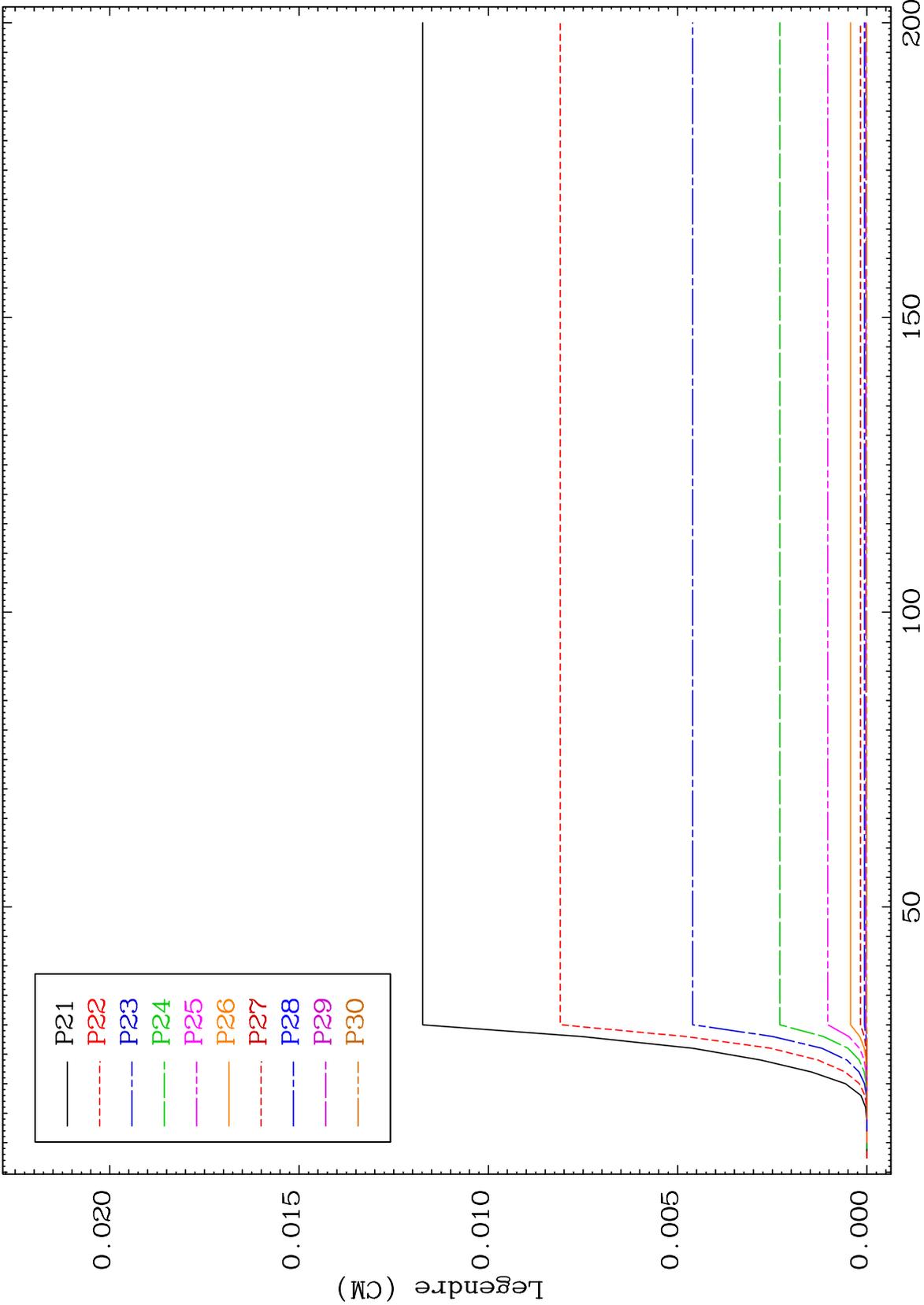
Incident Energy (MeV)

45

MAT 8228

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

82-Pb-205



46

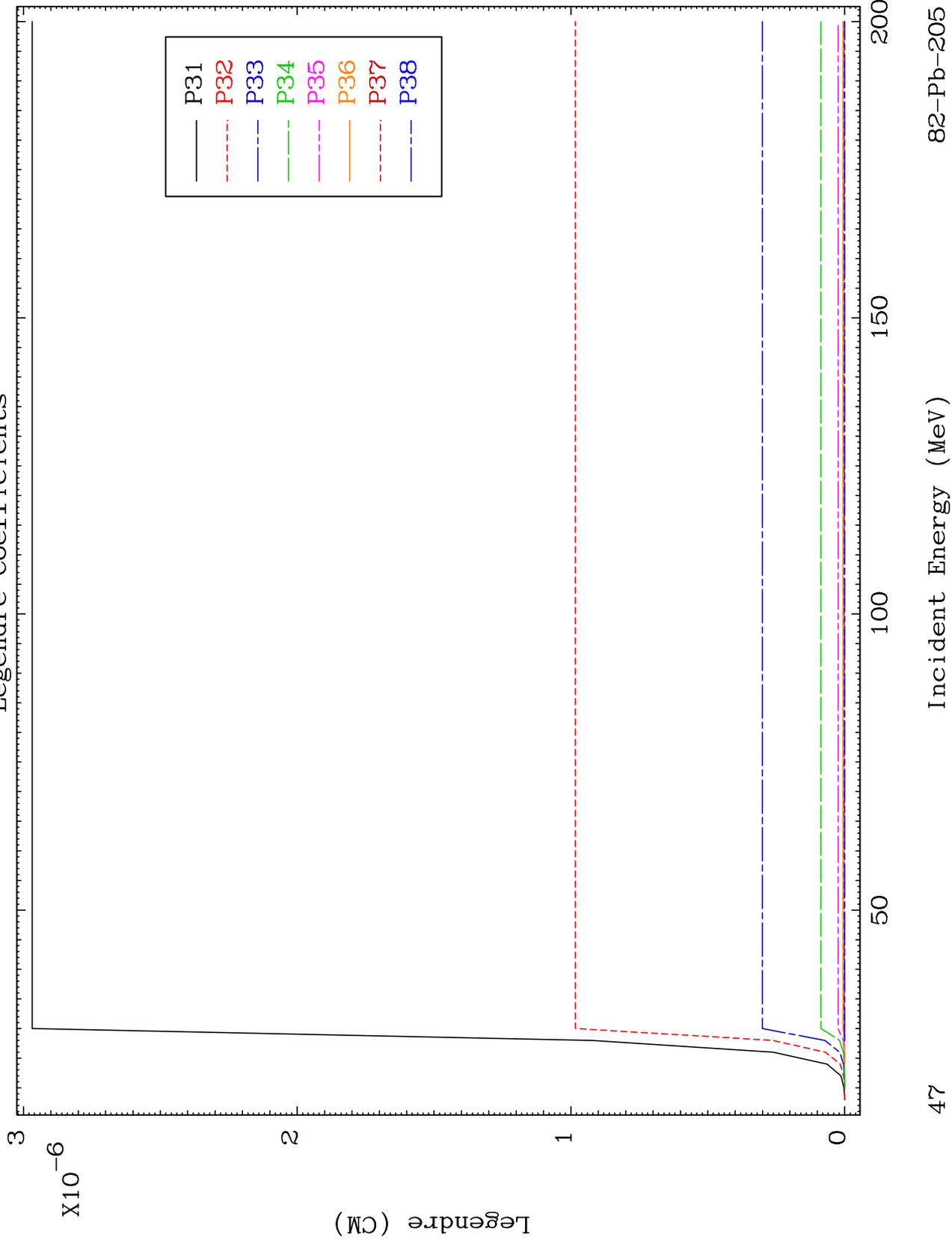
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

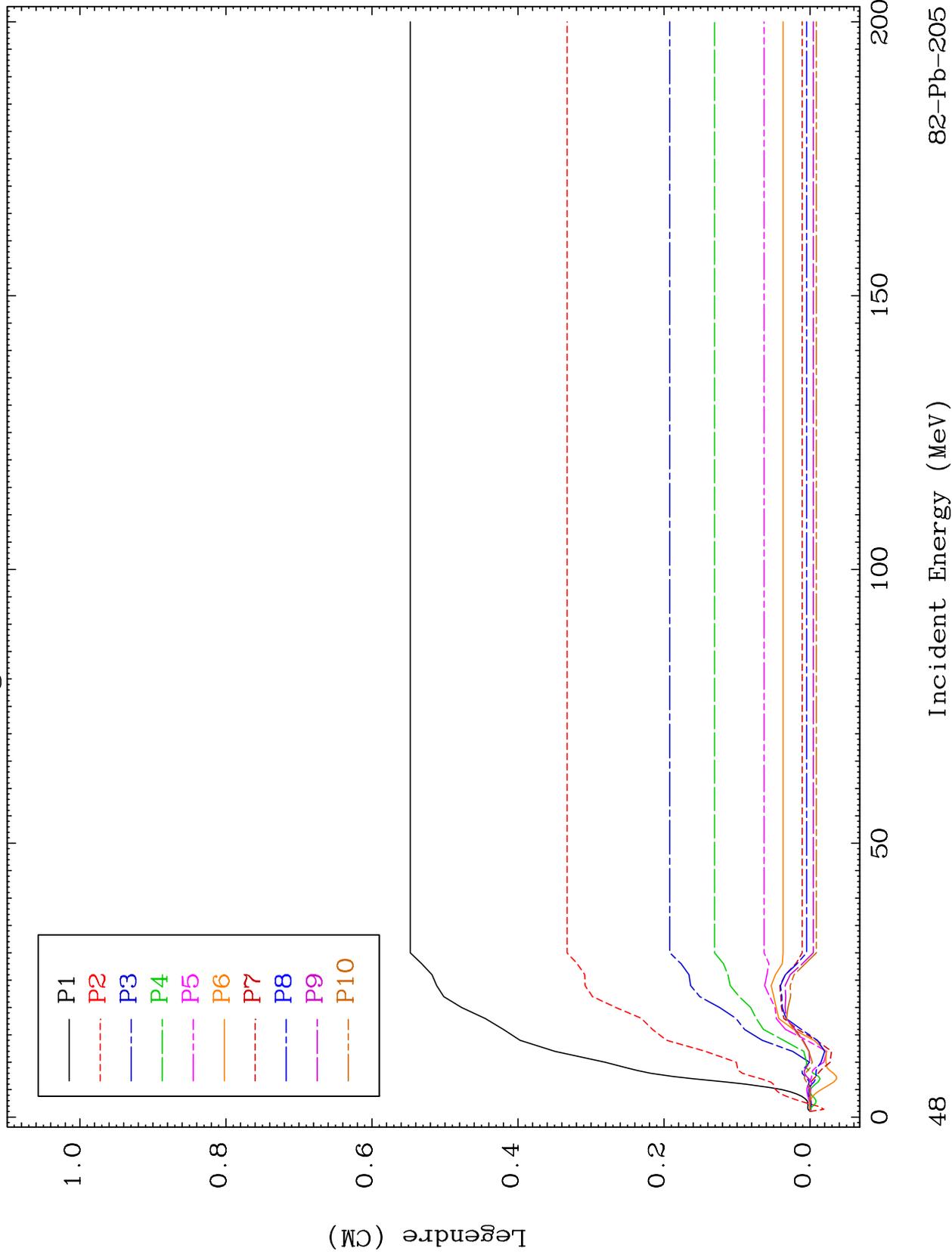
82-Pb-205



MAT 8228

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

82-Pb-205



48

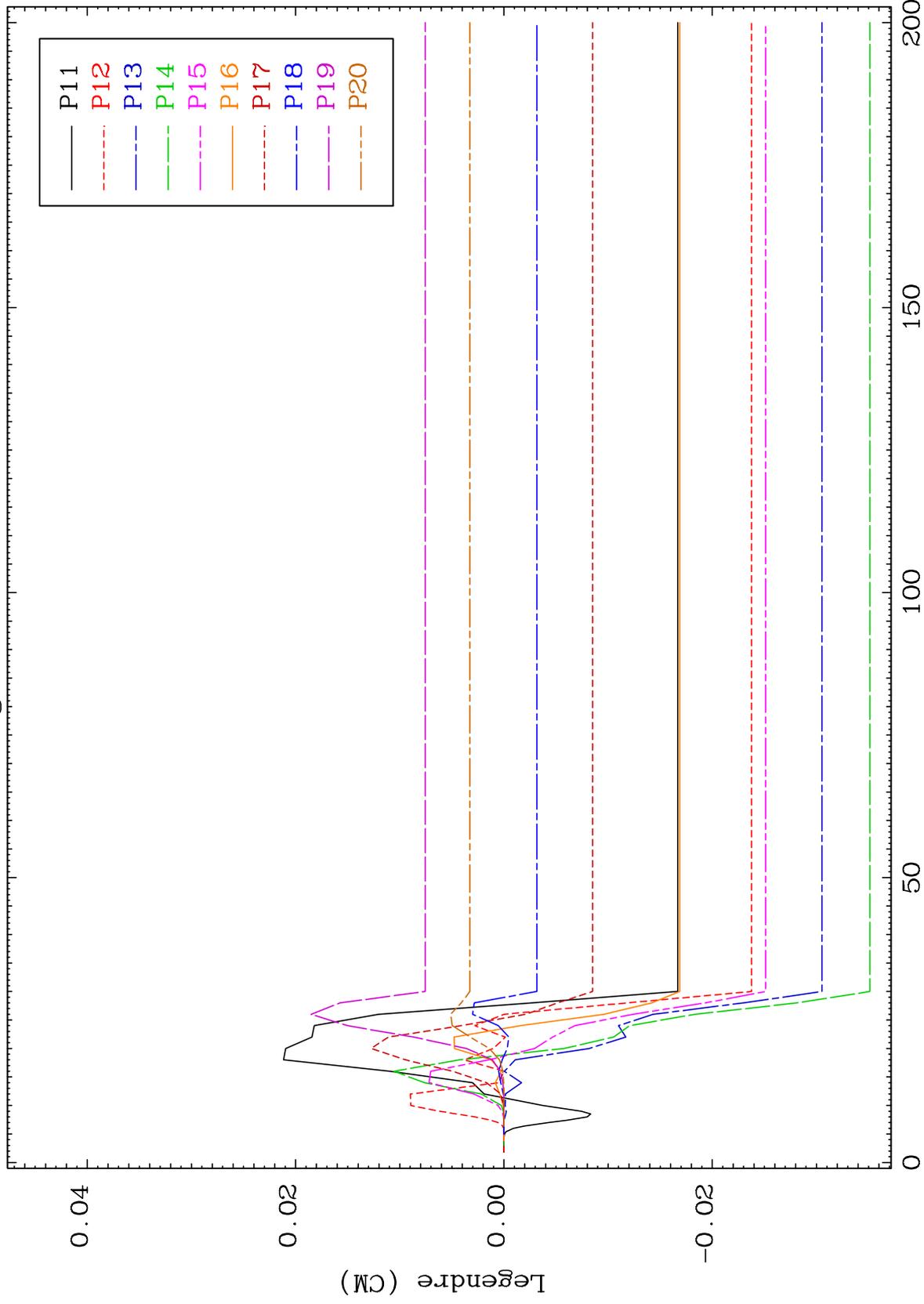
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



49

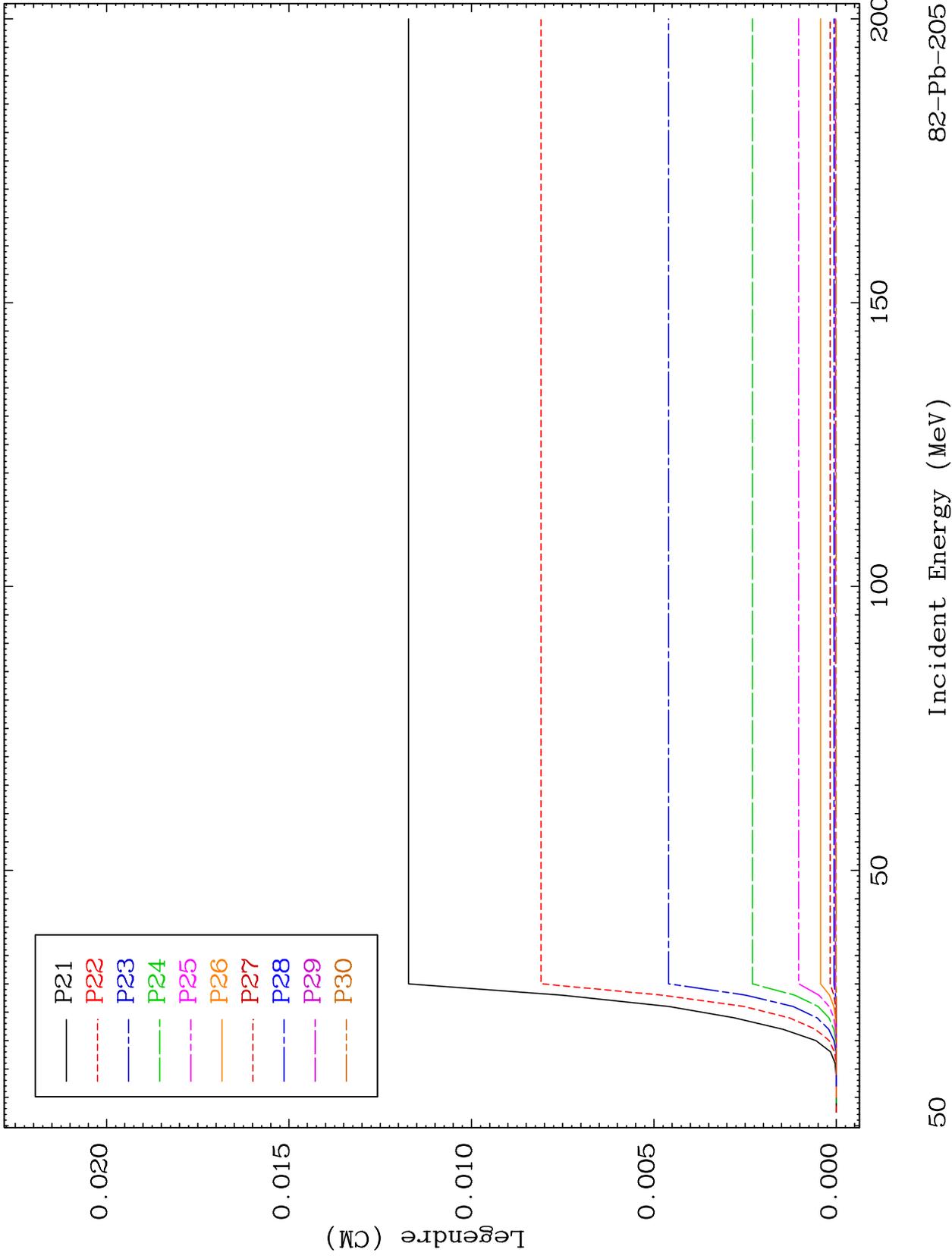
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

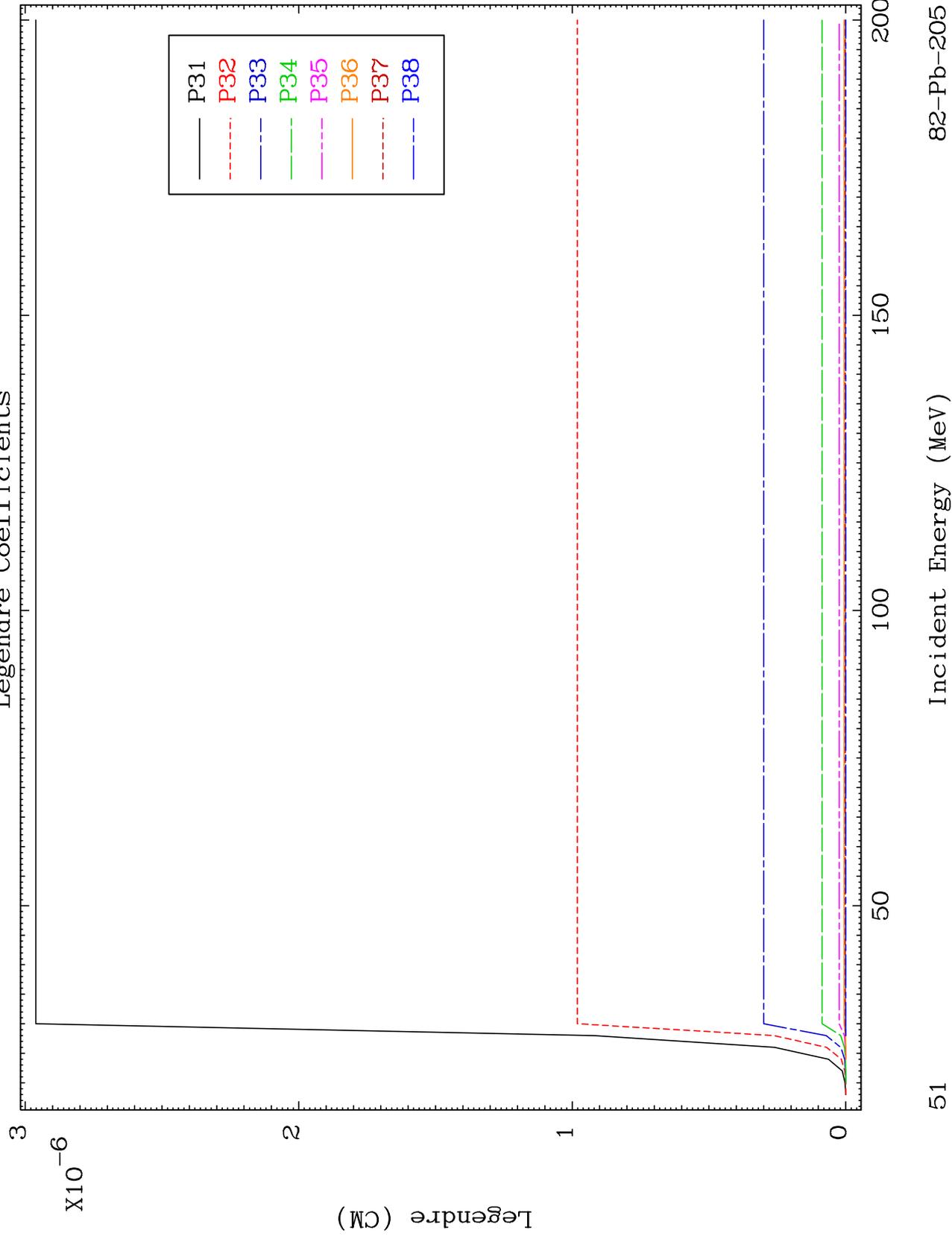
82-Pb-205



MAT 8228

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

82-Pb-205



51

Incident Energy (MeV)

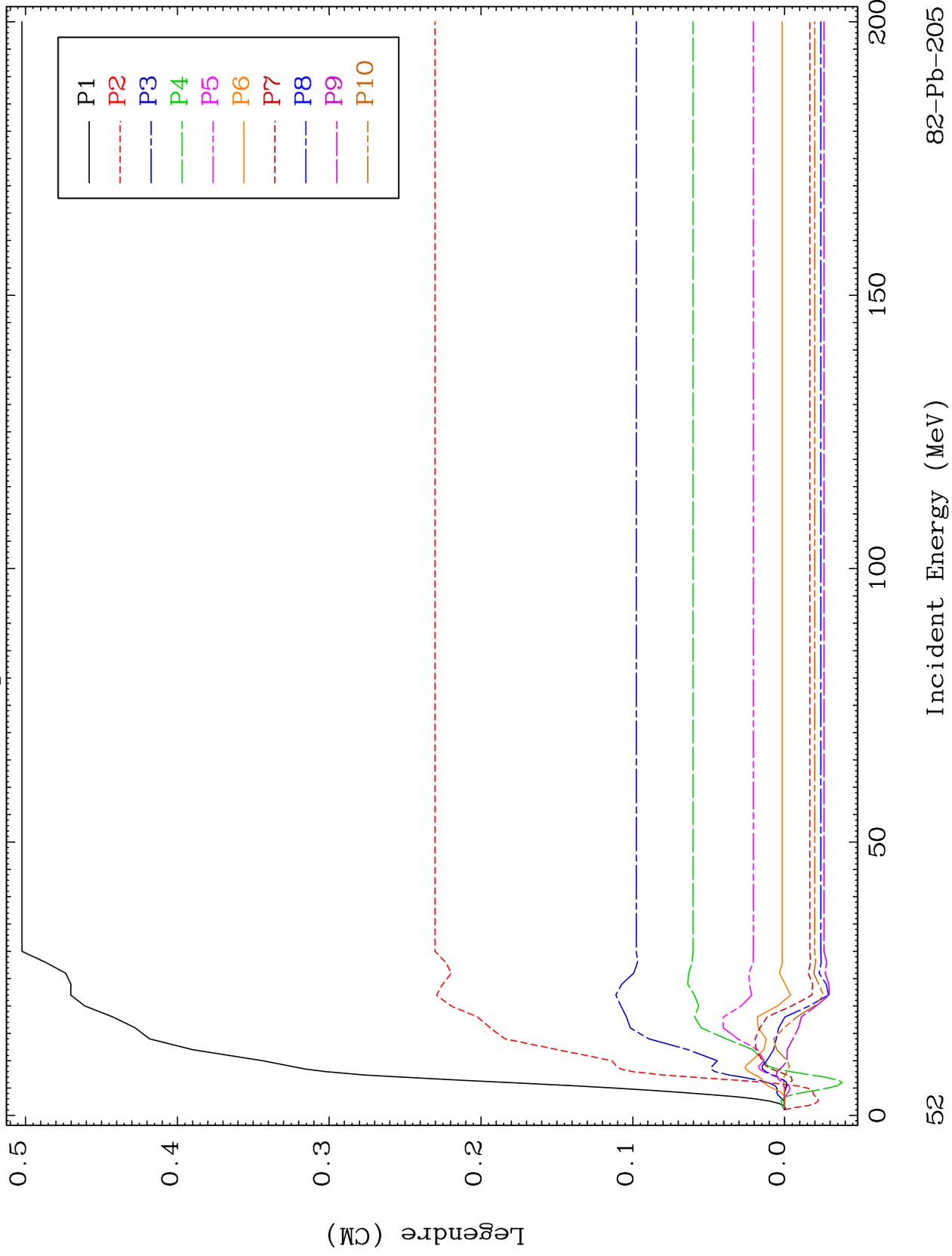
82-Pb-205

MAT 8228

MT= 59 (n,n') Level

82-Pb-205

Legendre Coefficients

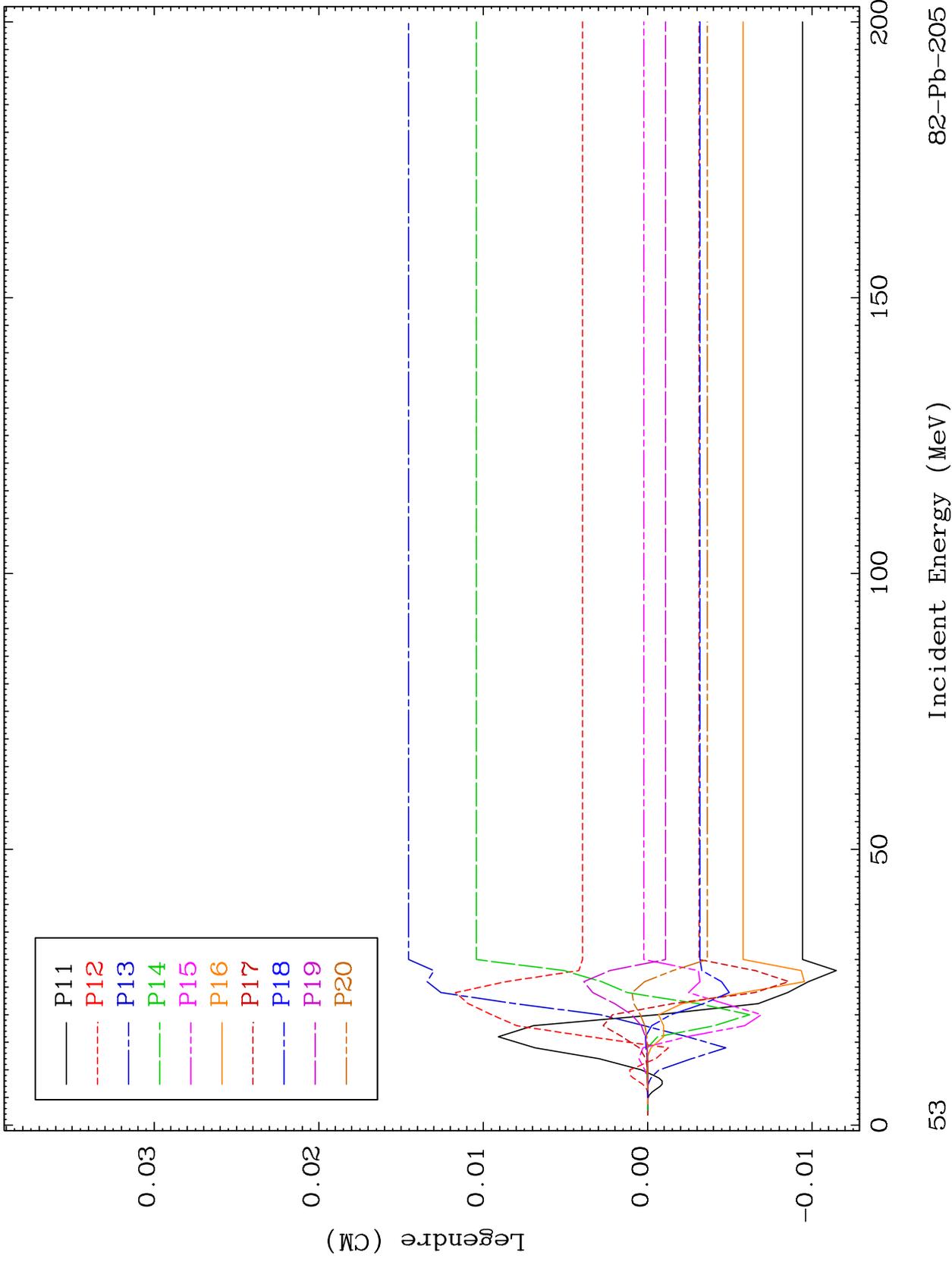


52

MAT 8228

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

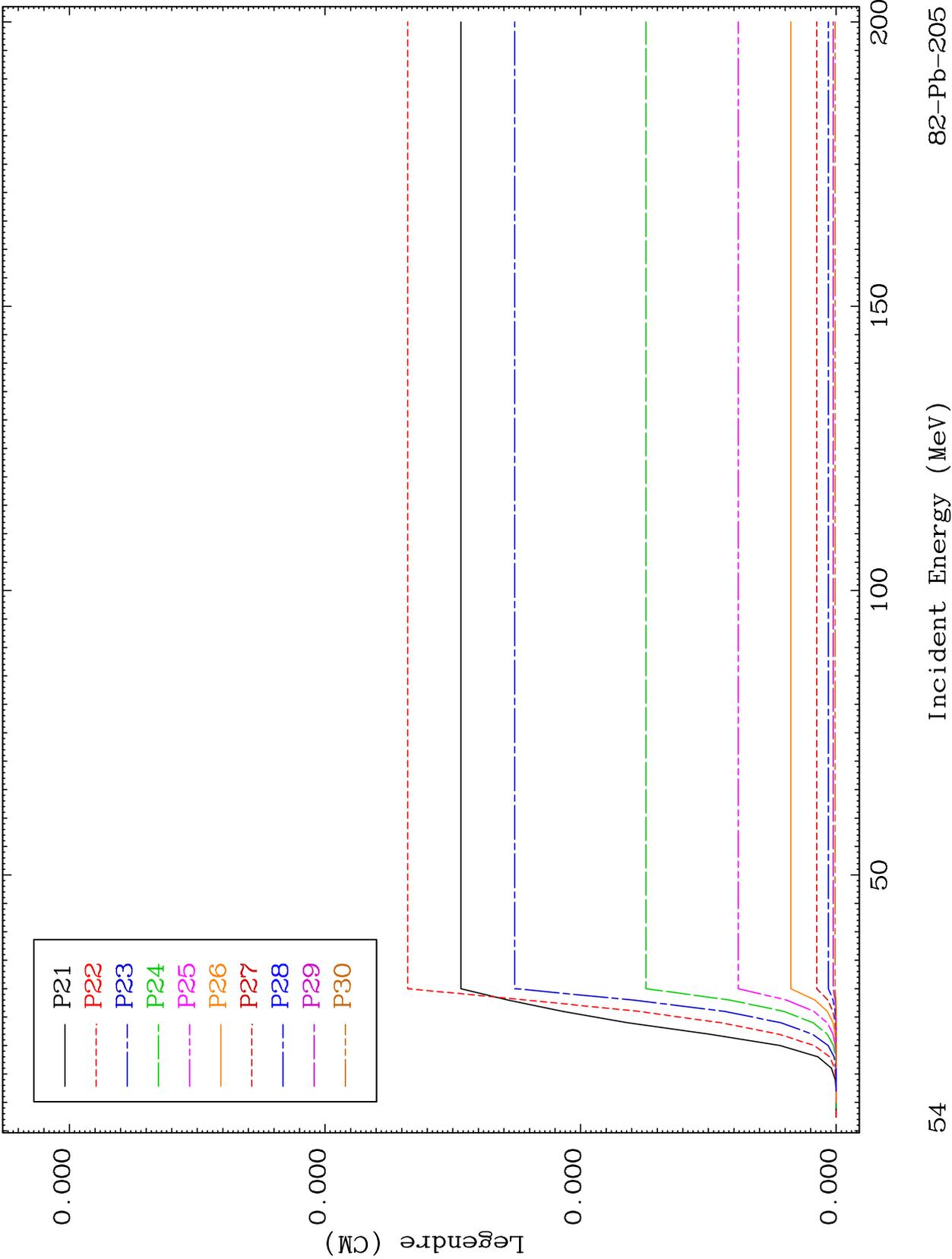
82-Pb-205



MAT 8228

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

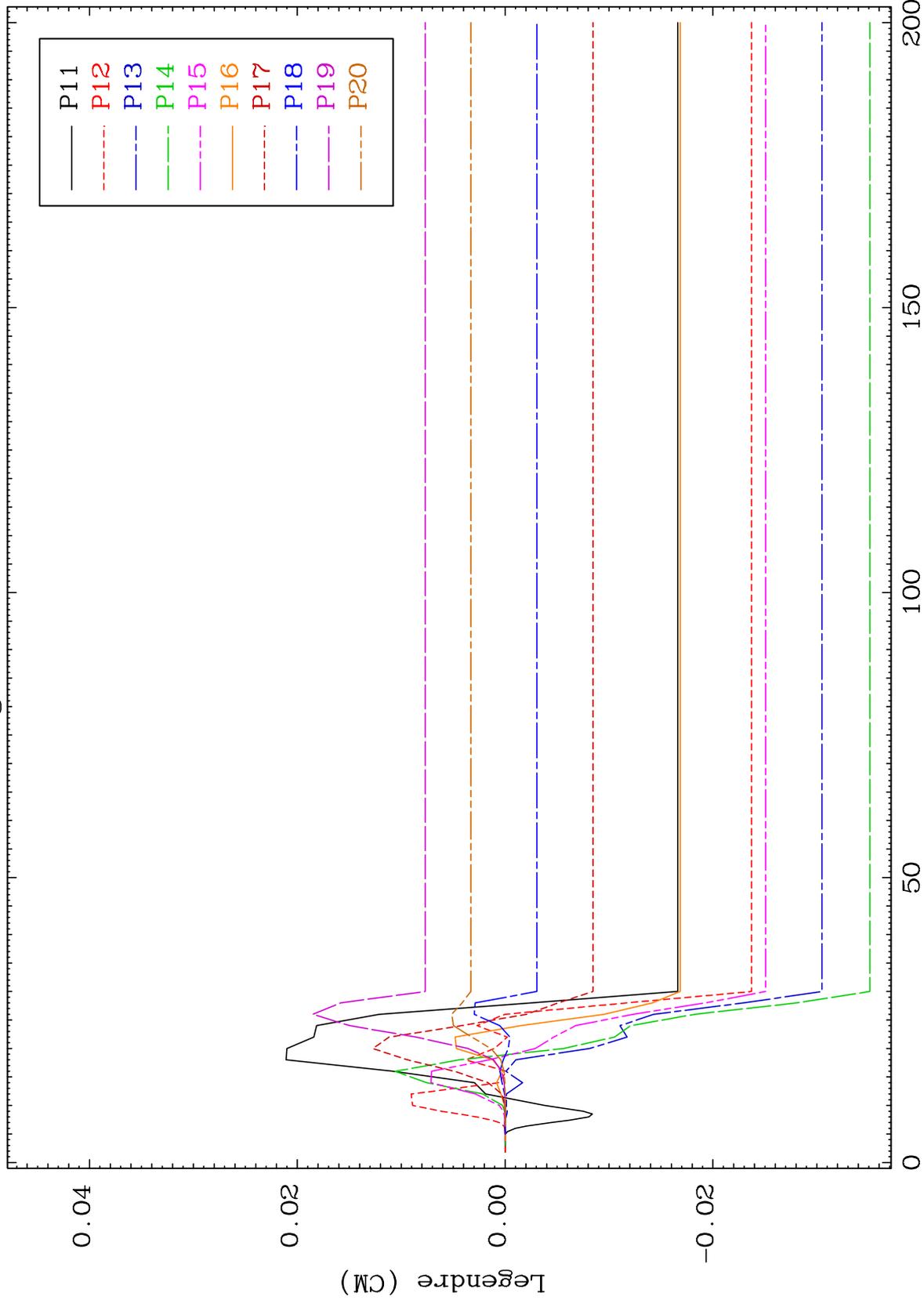
82-Pb-205



MAT 8228

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

82-Pb-205



57

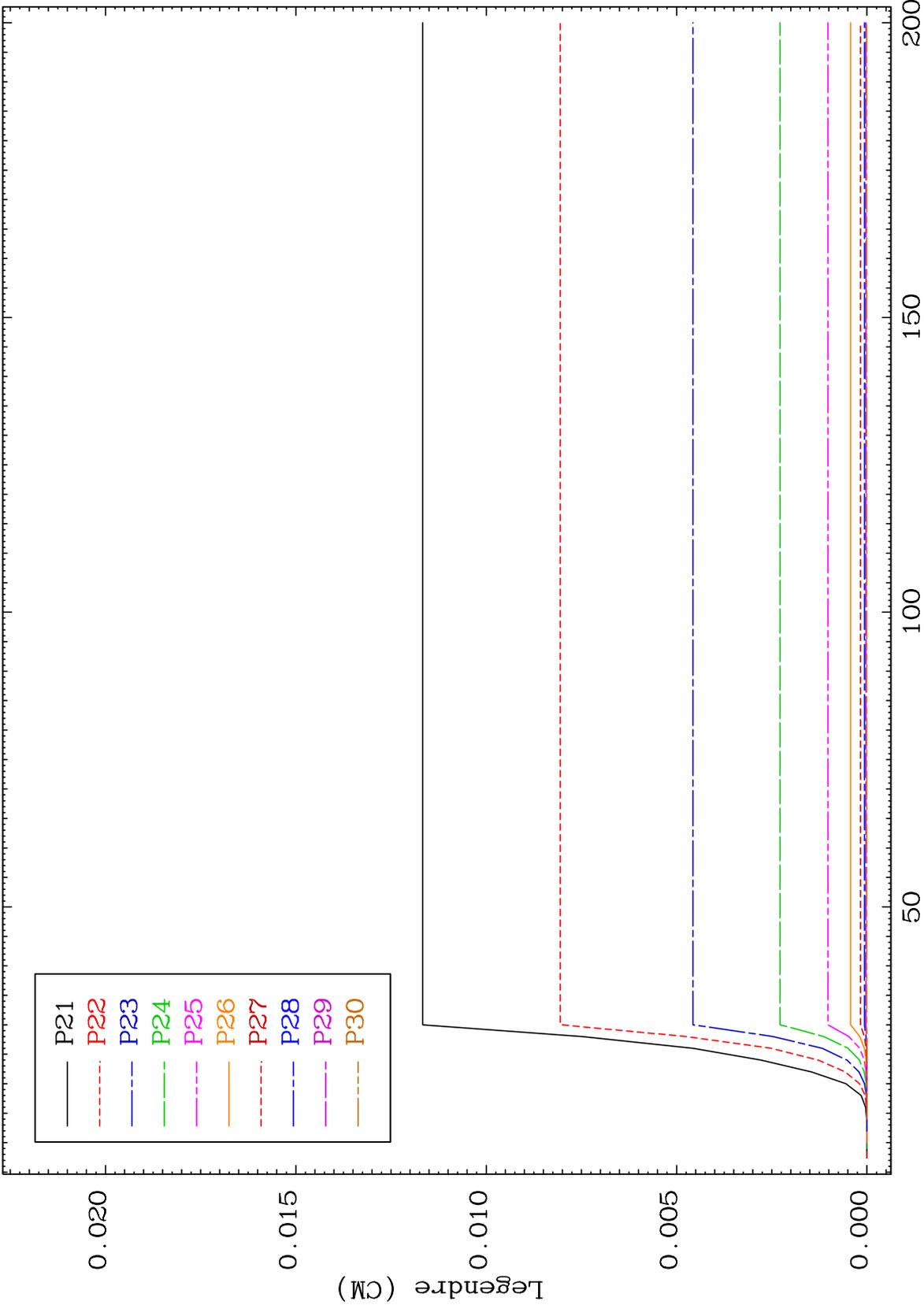
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



58

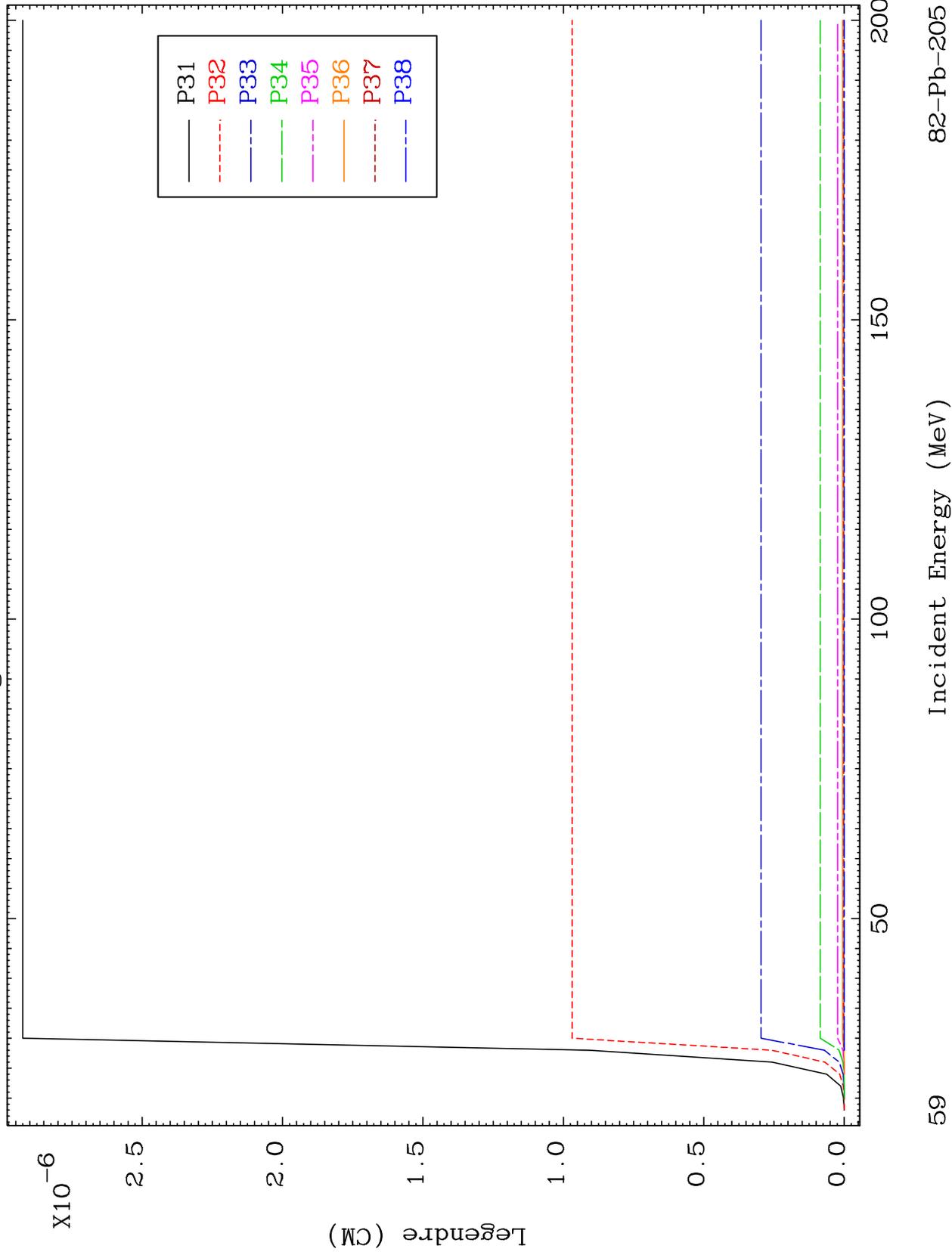
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



59

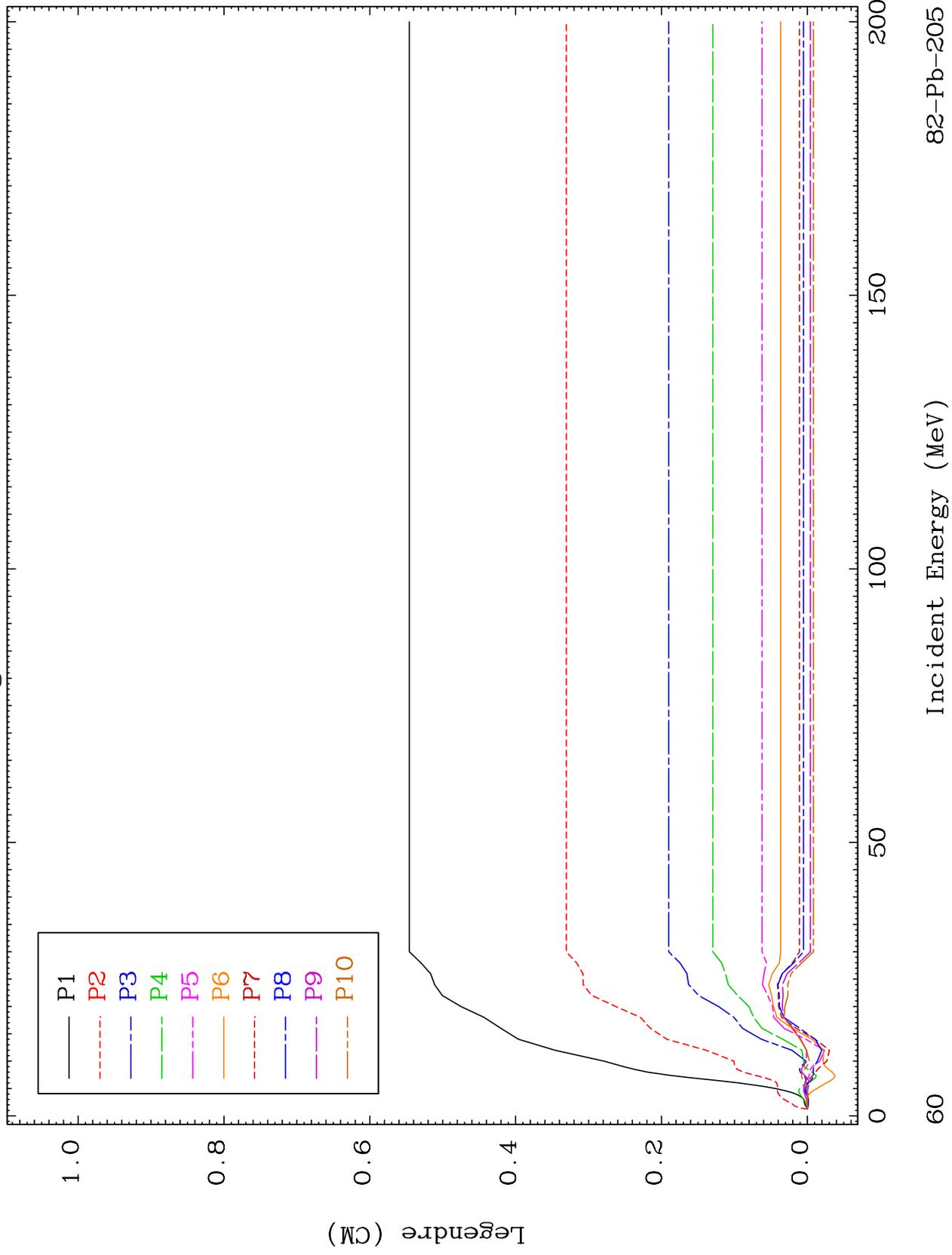
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

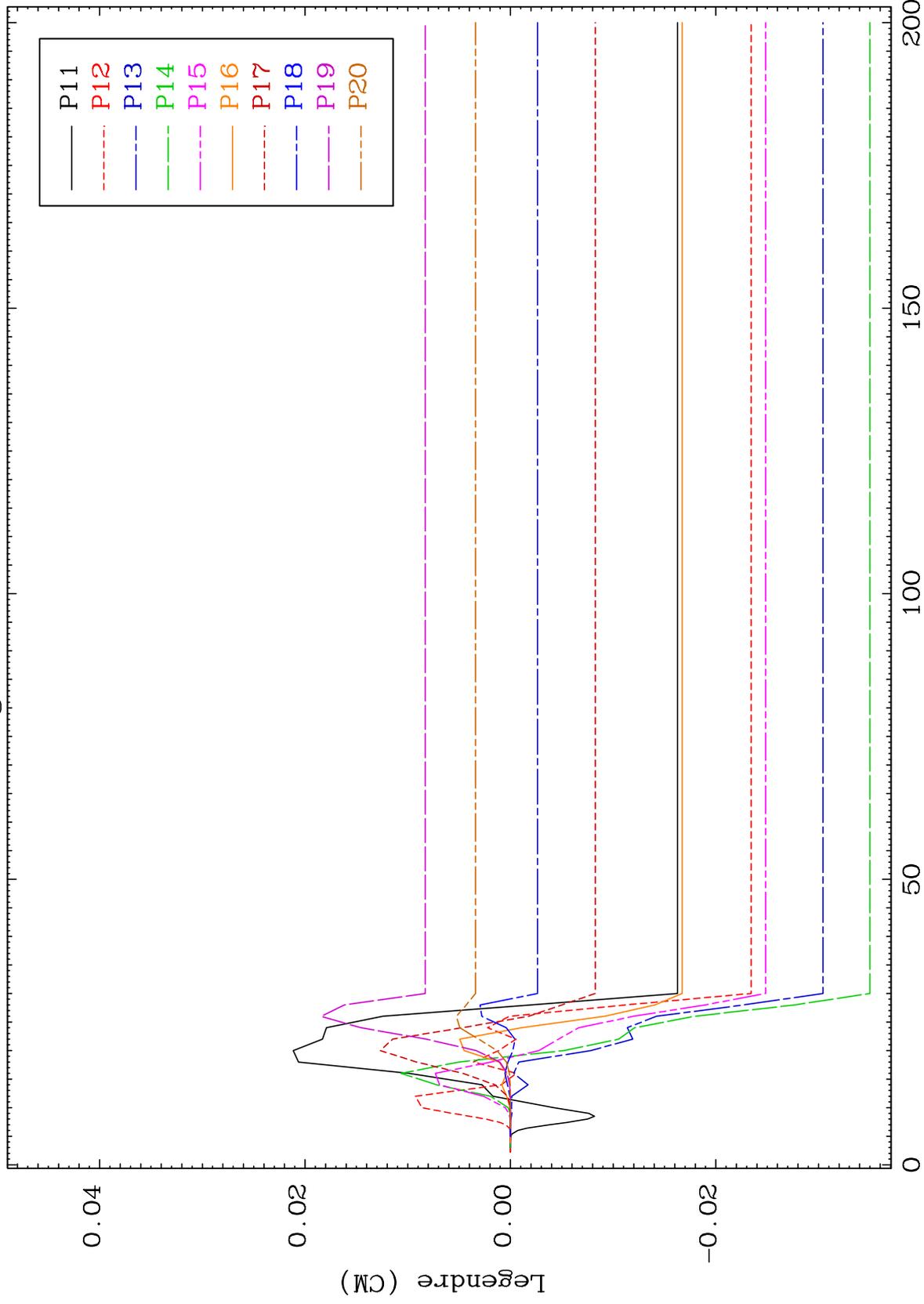
82-Pb-205



MAT 8228

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

82-Pb-205



61

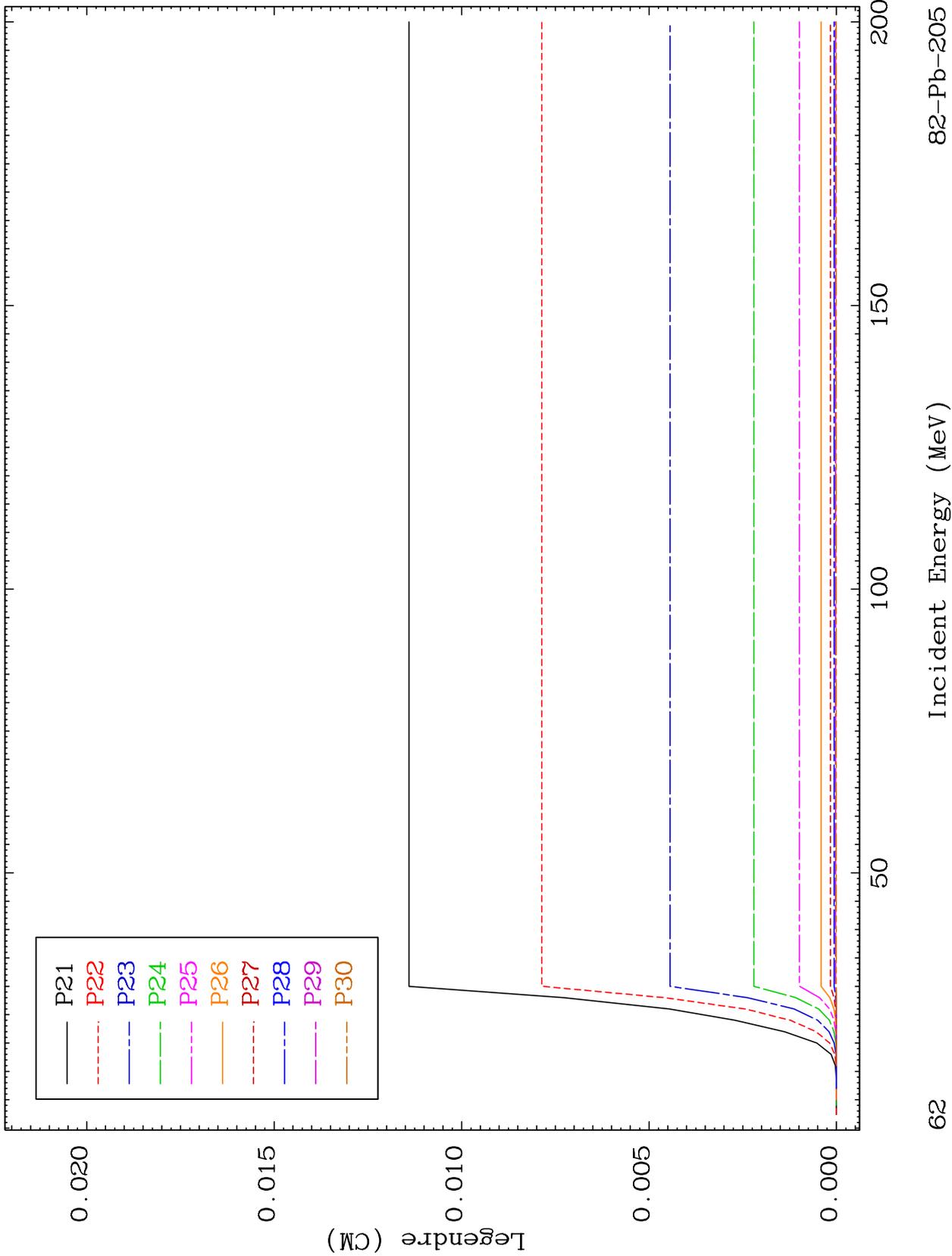
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



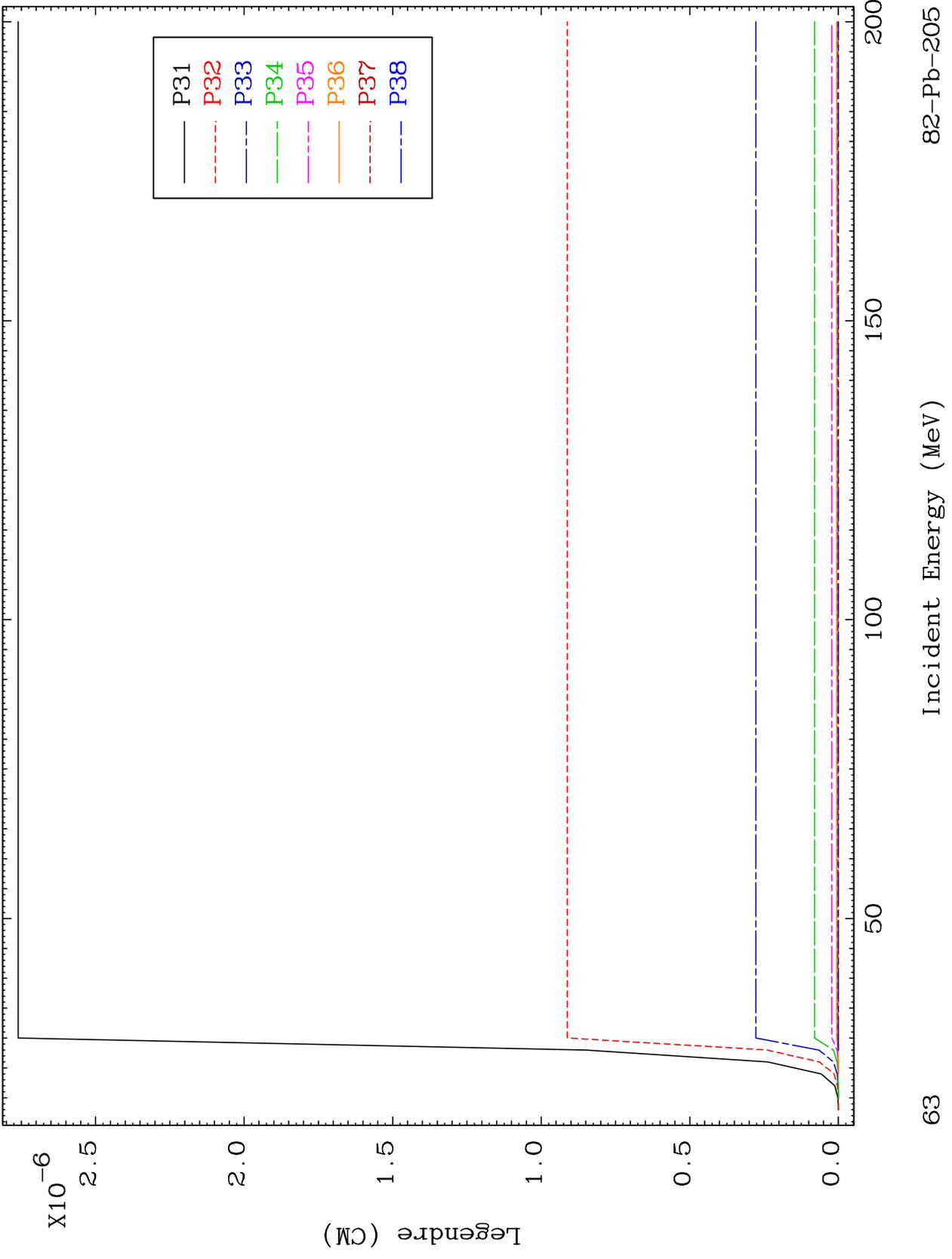
62

82-Pb-205

MAT 8228

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

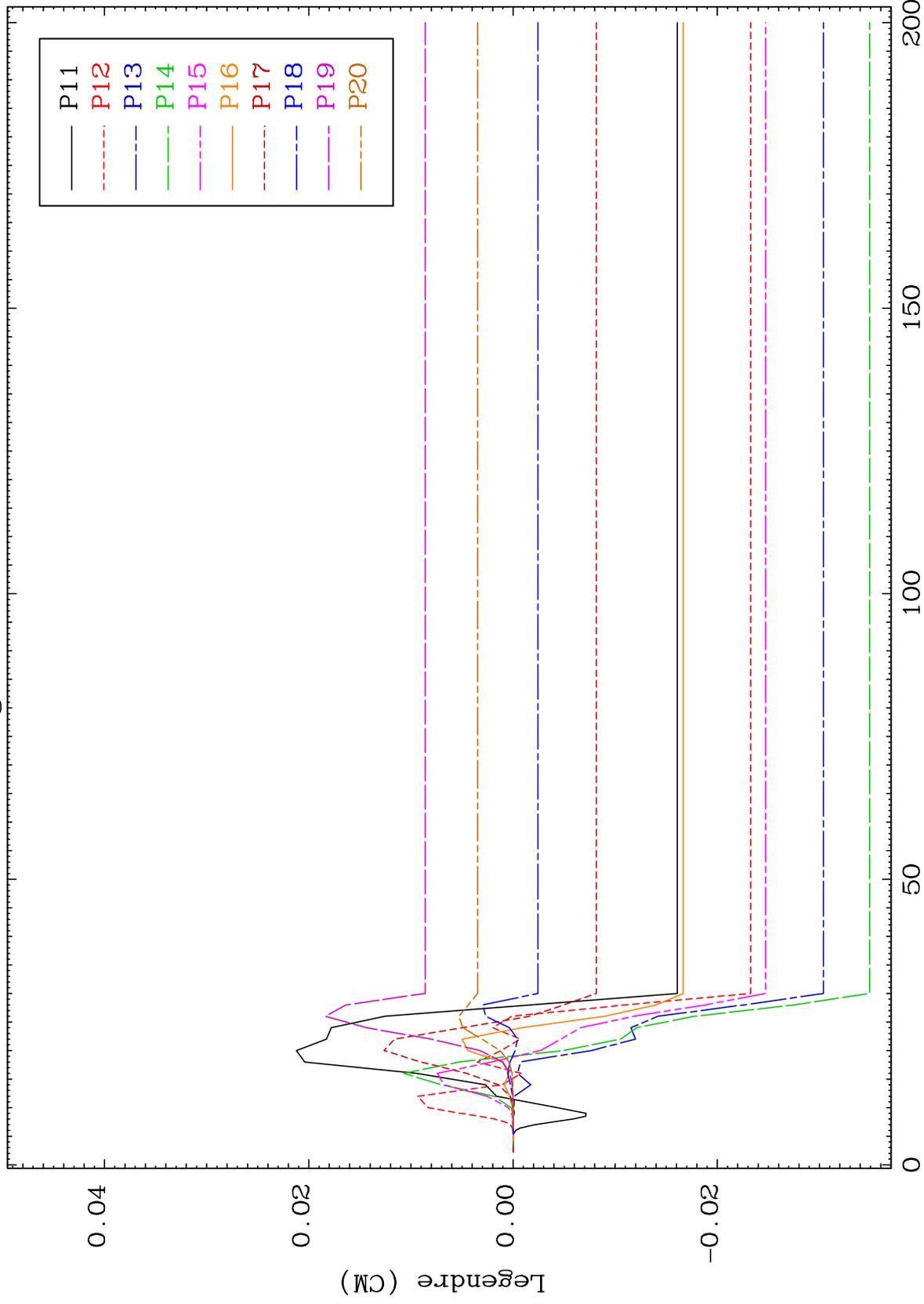
82-Pb-205



MAT 8228

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

82-Pb-205



65

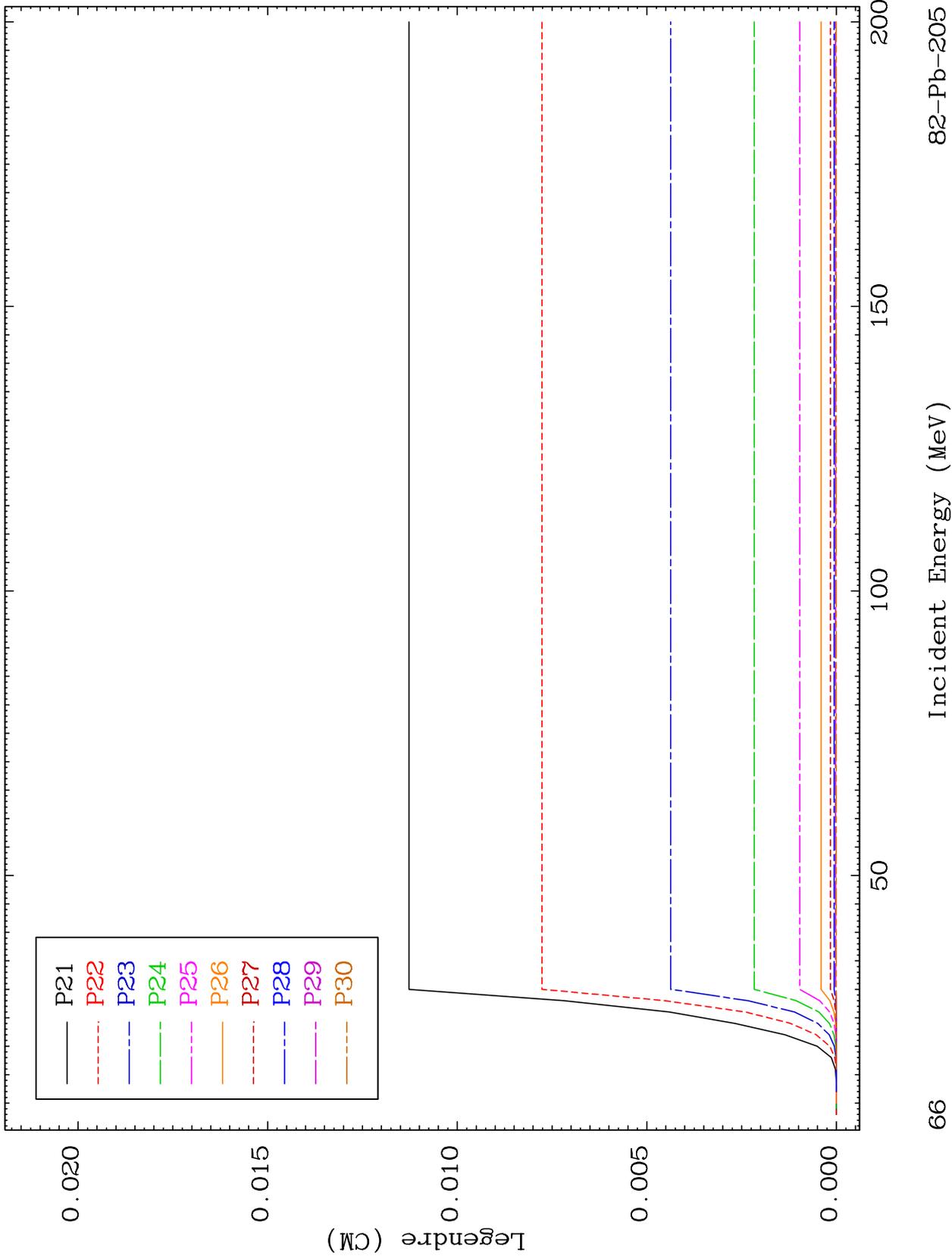
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

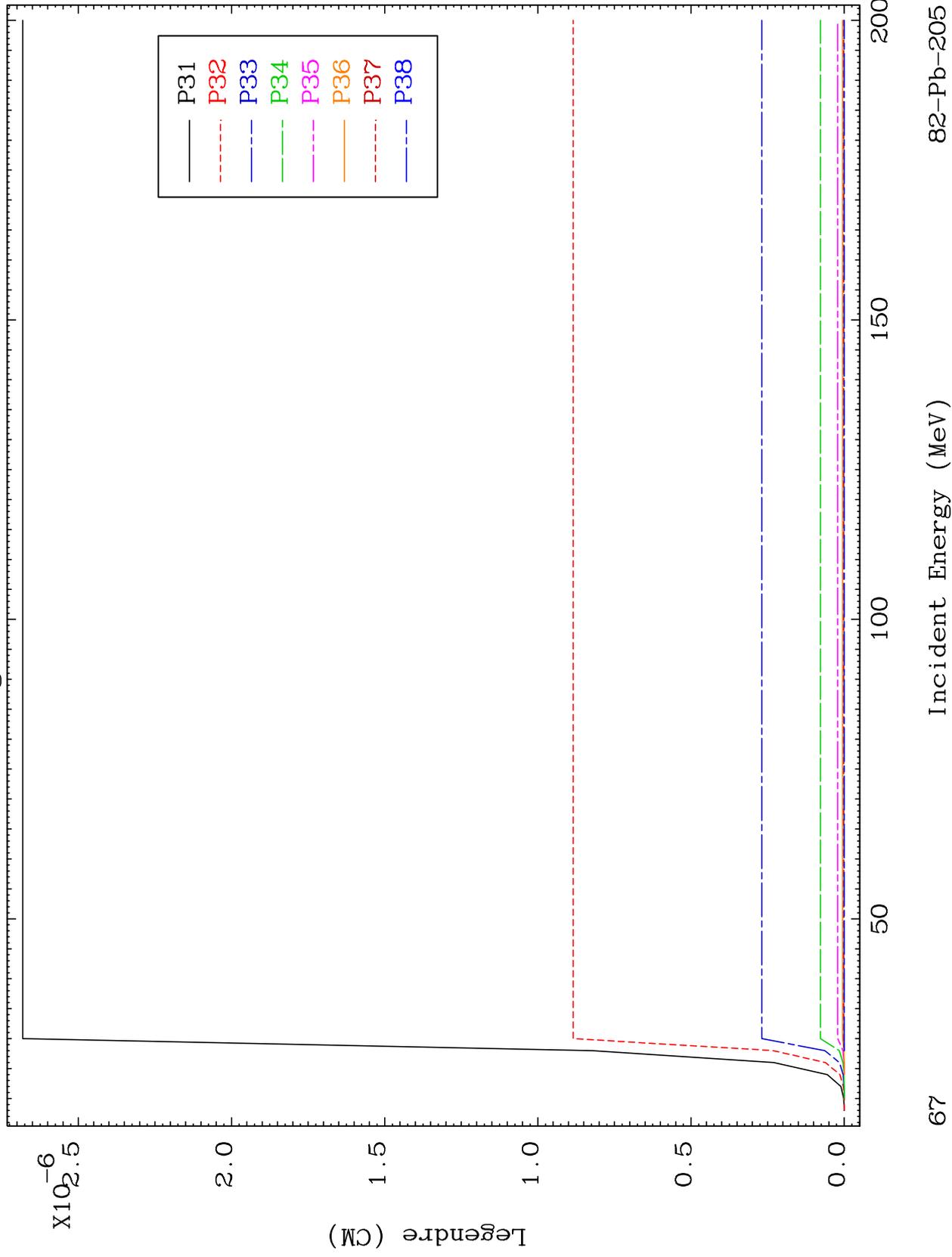
82-Pb-205

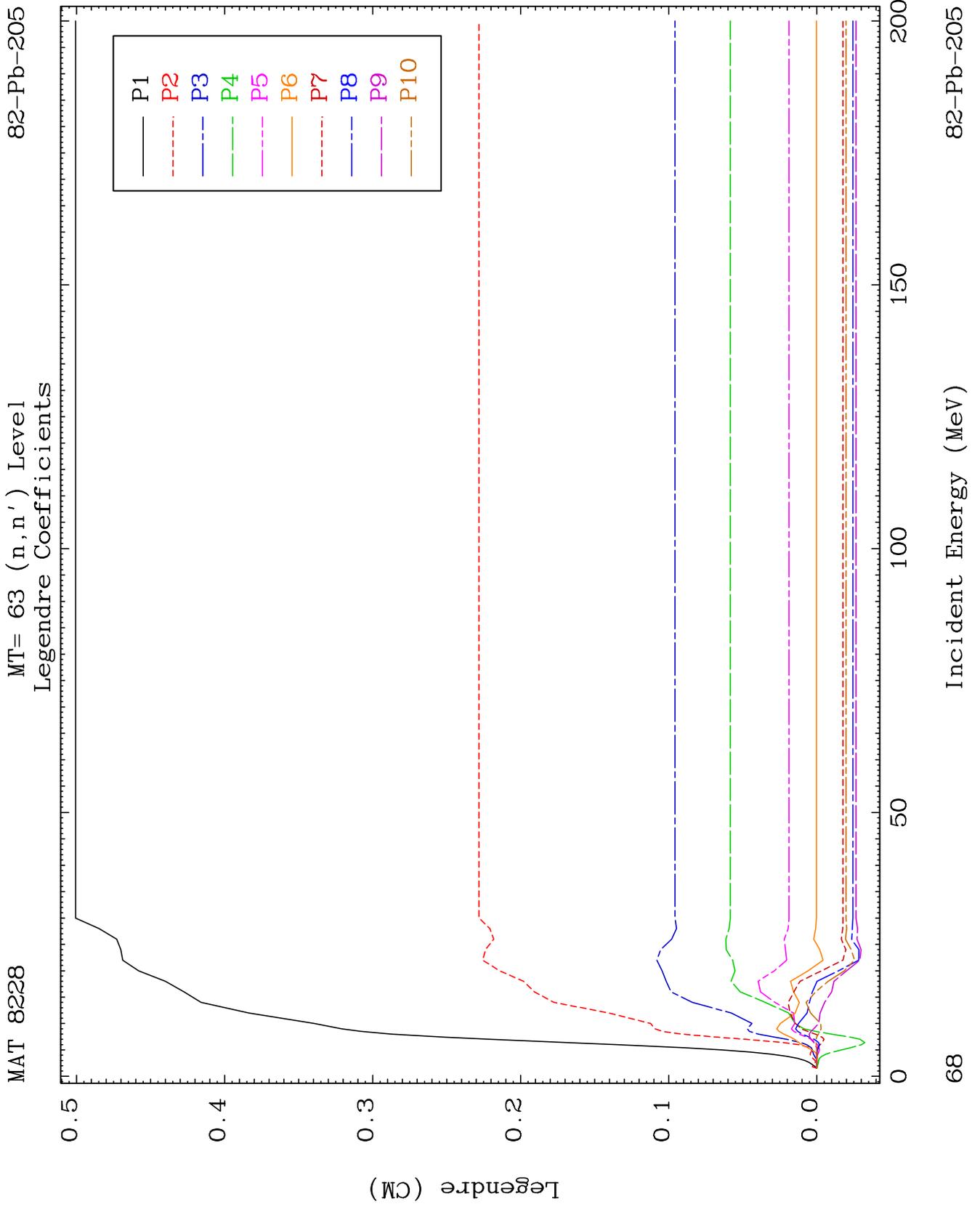


MAT 8228

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

82-Pb-205

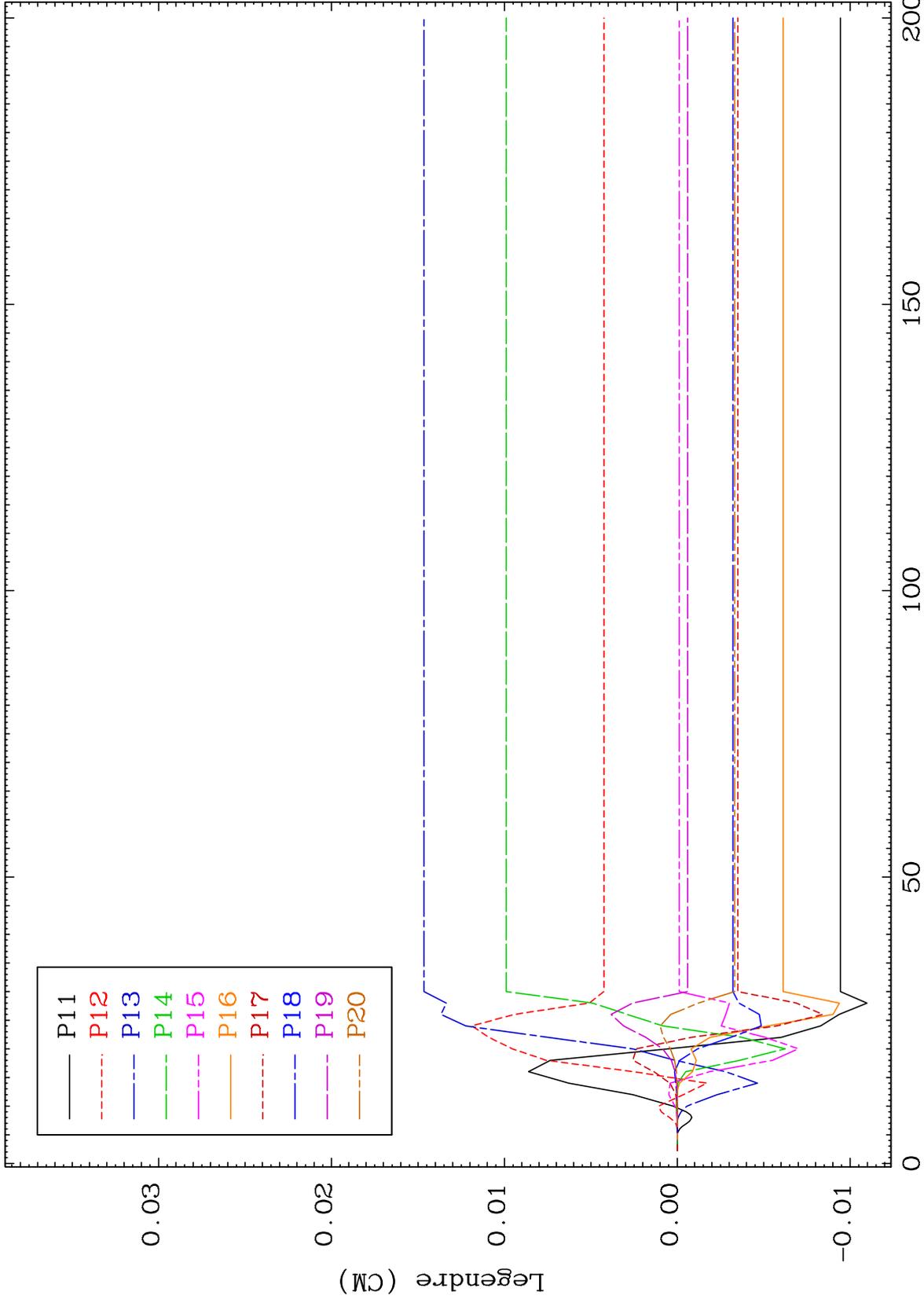




MAT 8228

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

82-Pb-205



69

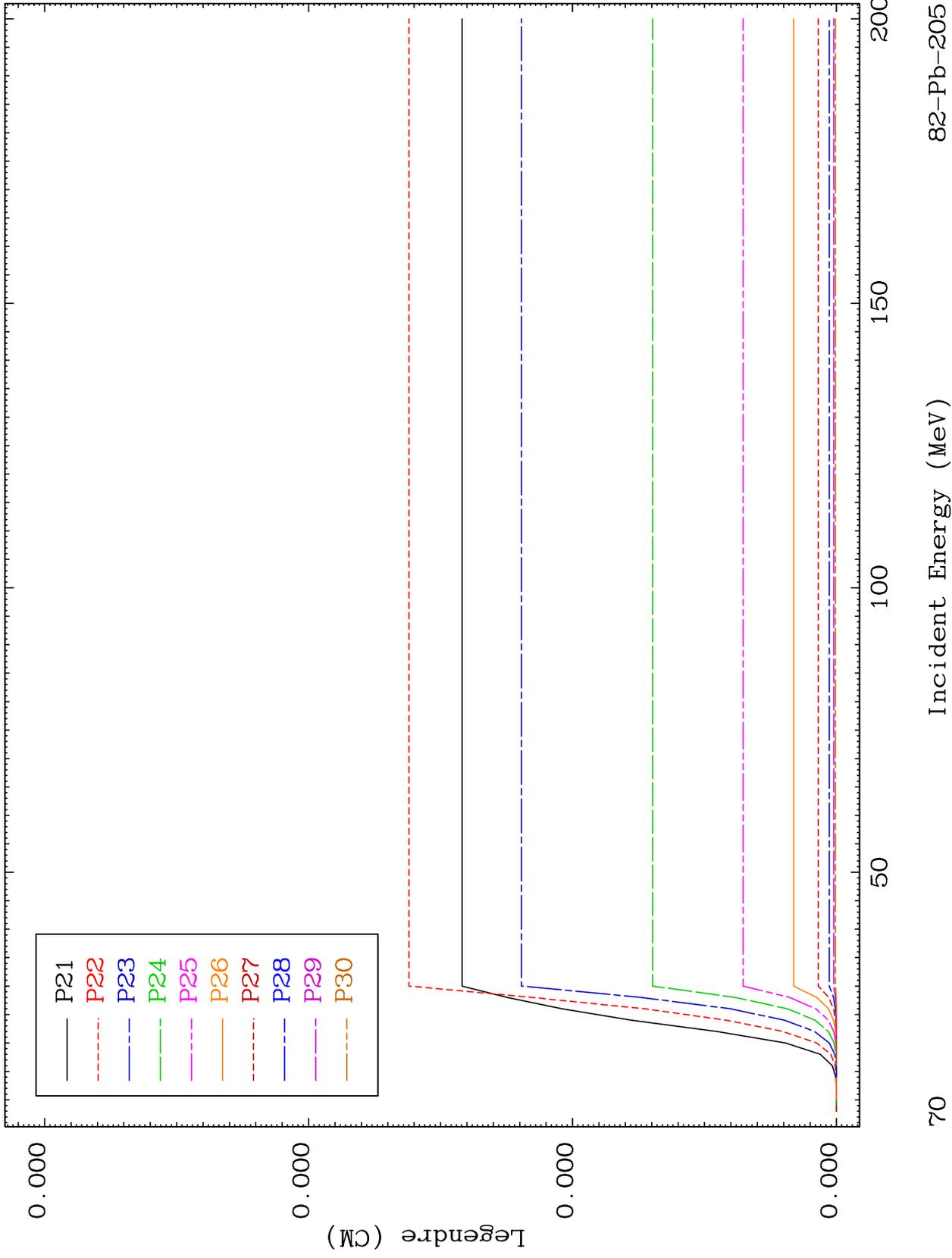
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



70

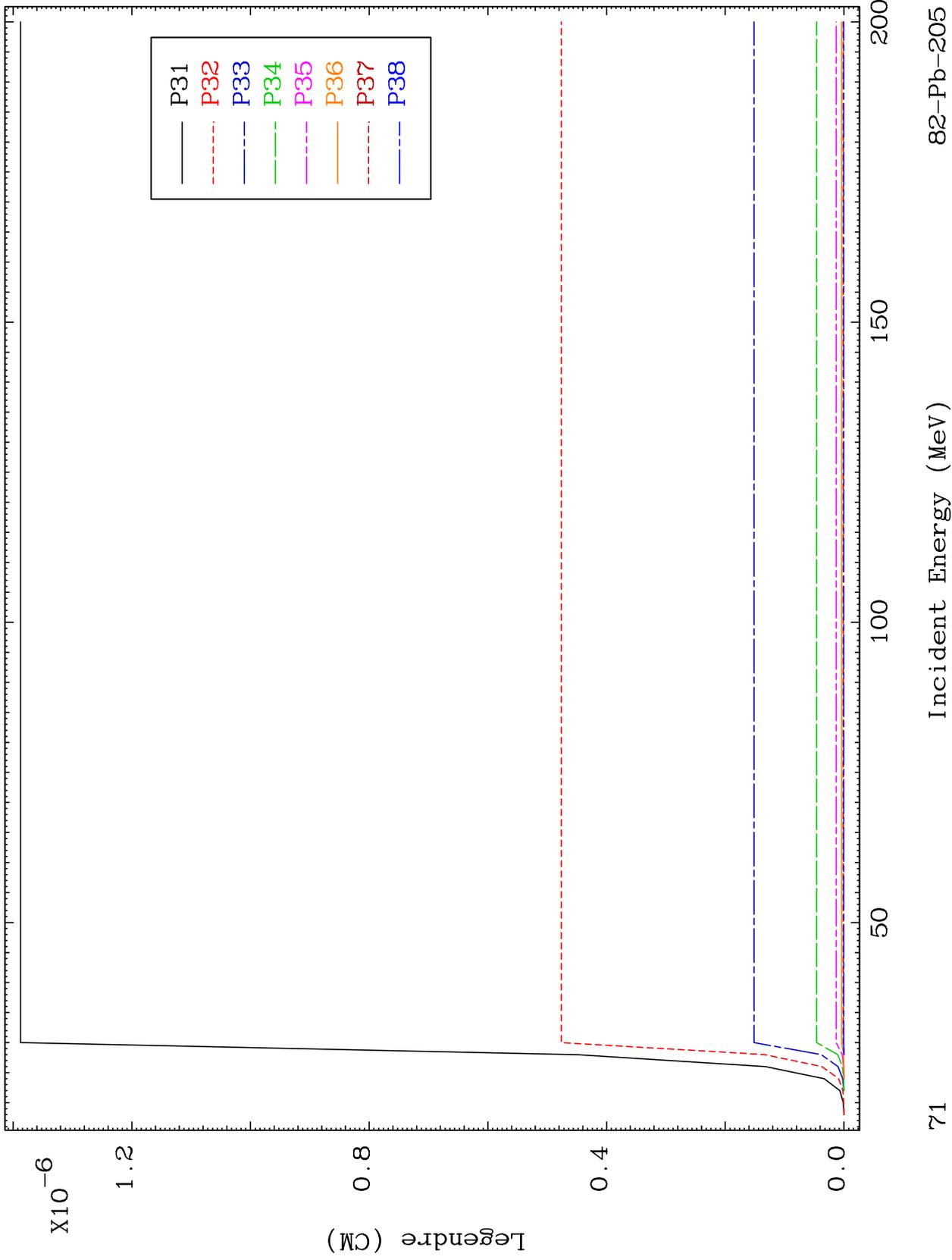
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

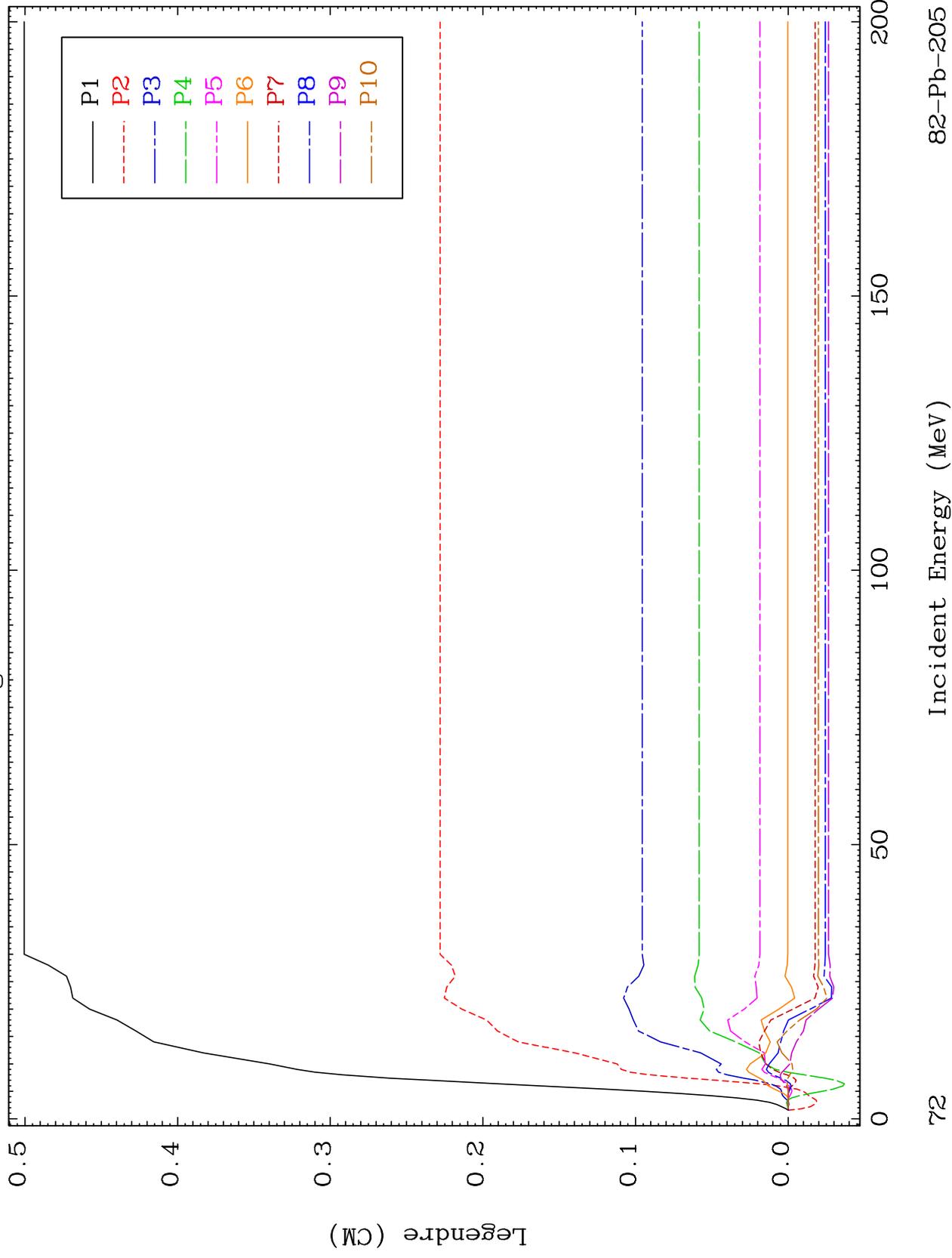
82-Pb-205



MAT 8228

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

82-Pb-205

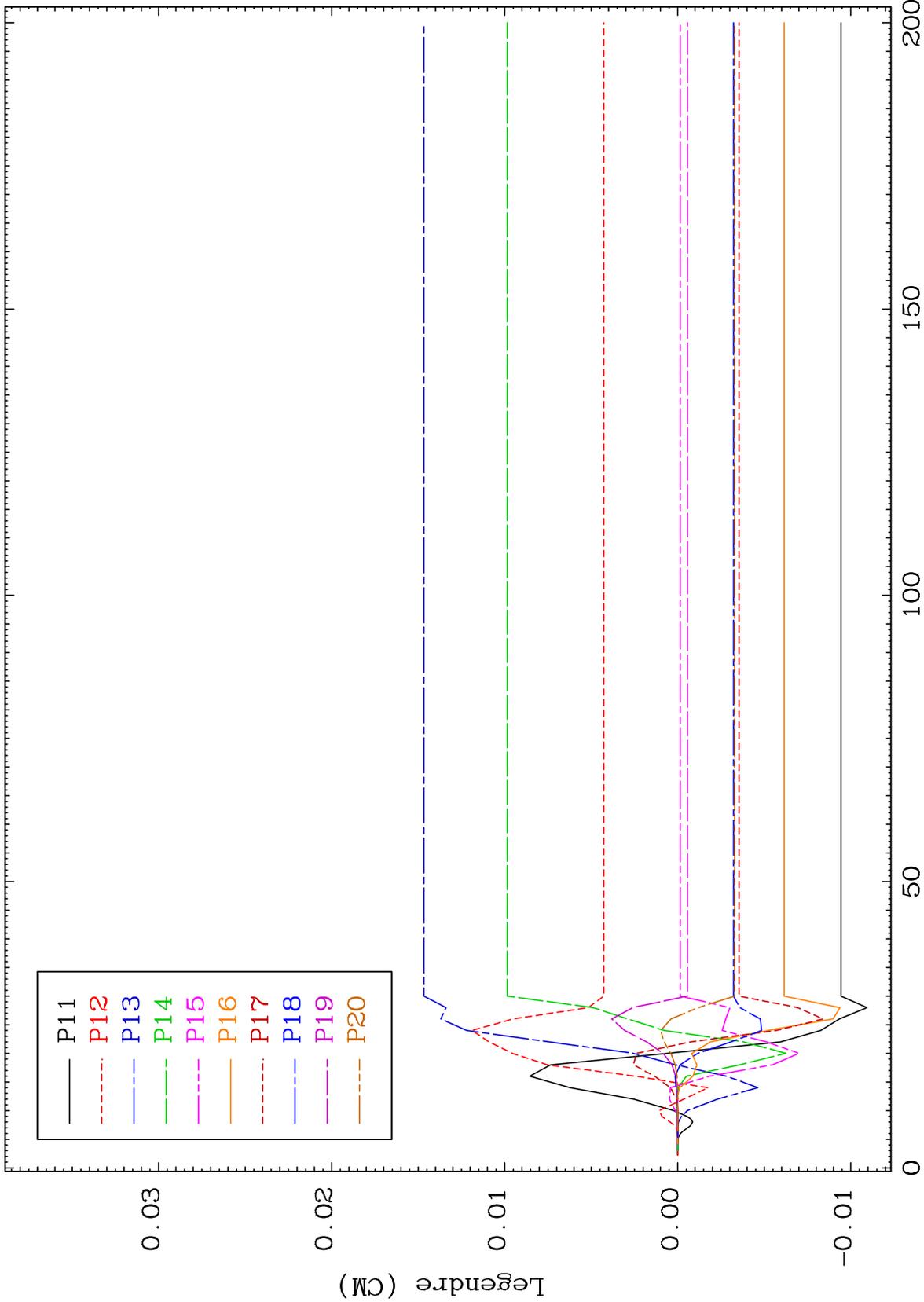


82-Pb-205

MAT 8228

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

82-Pb-205



73

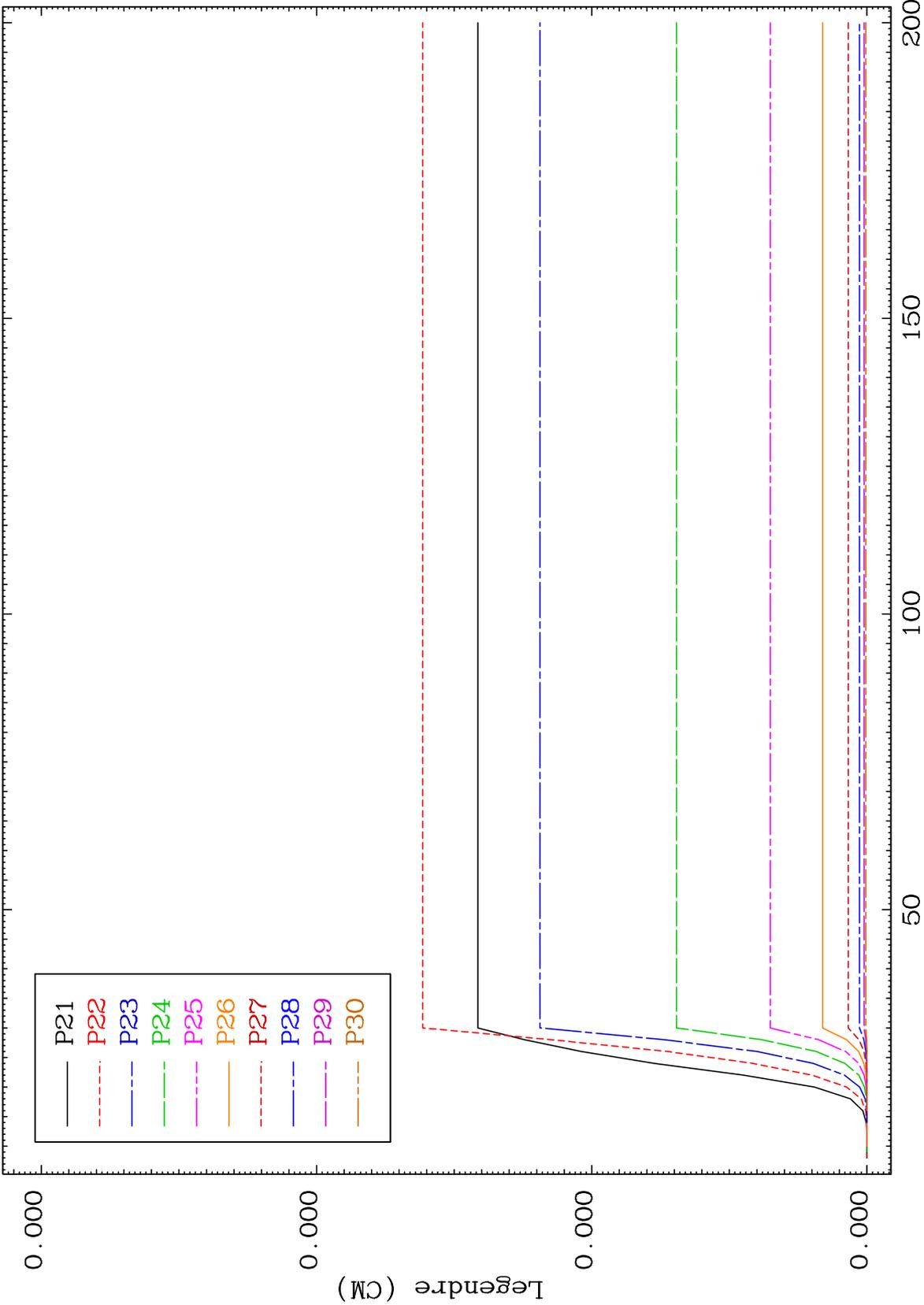
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



74

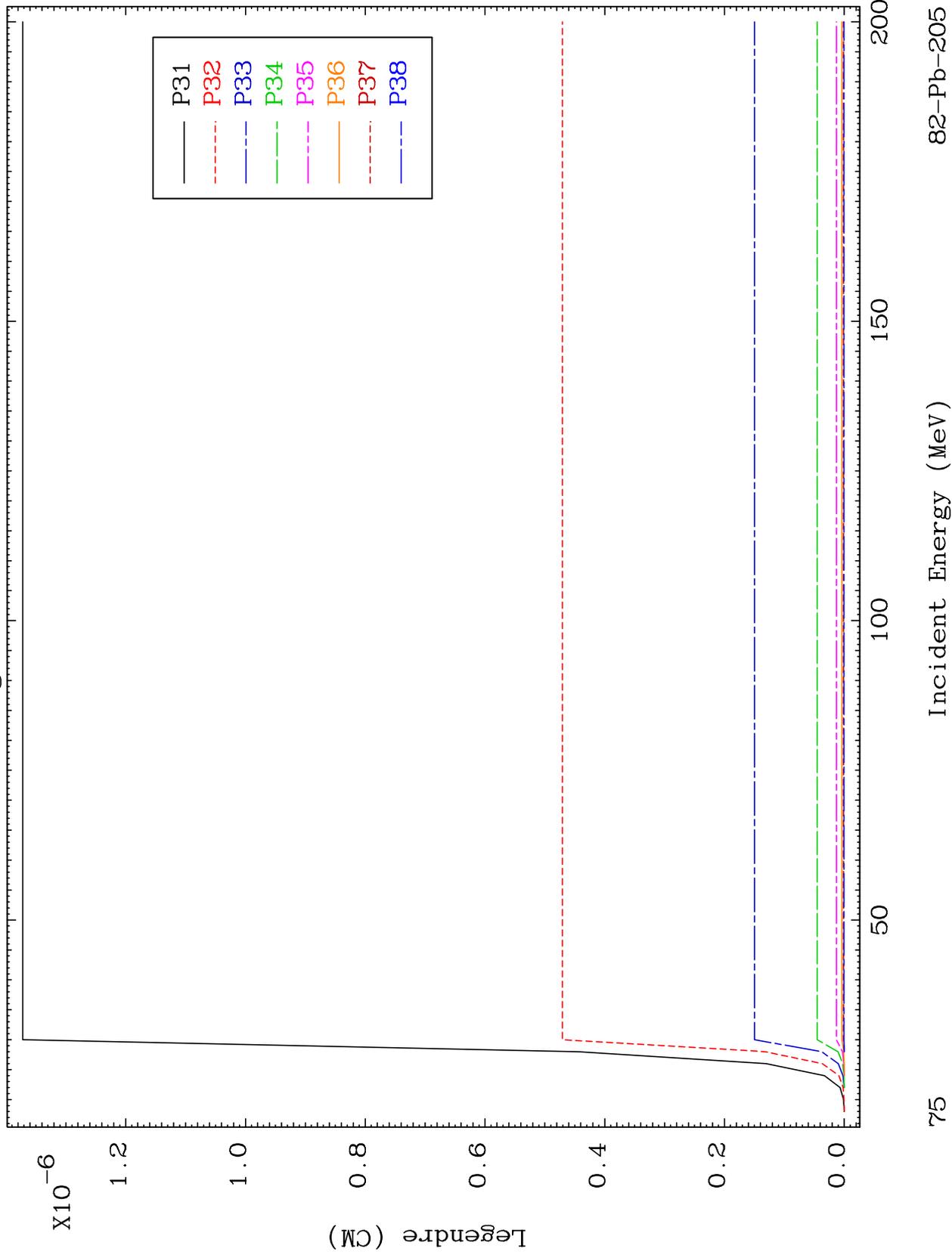
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



75

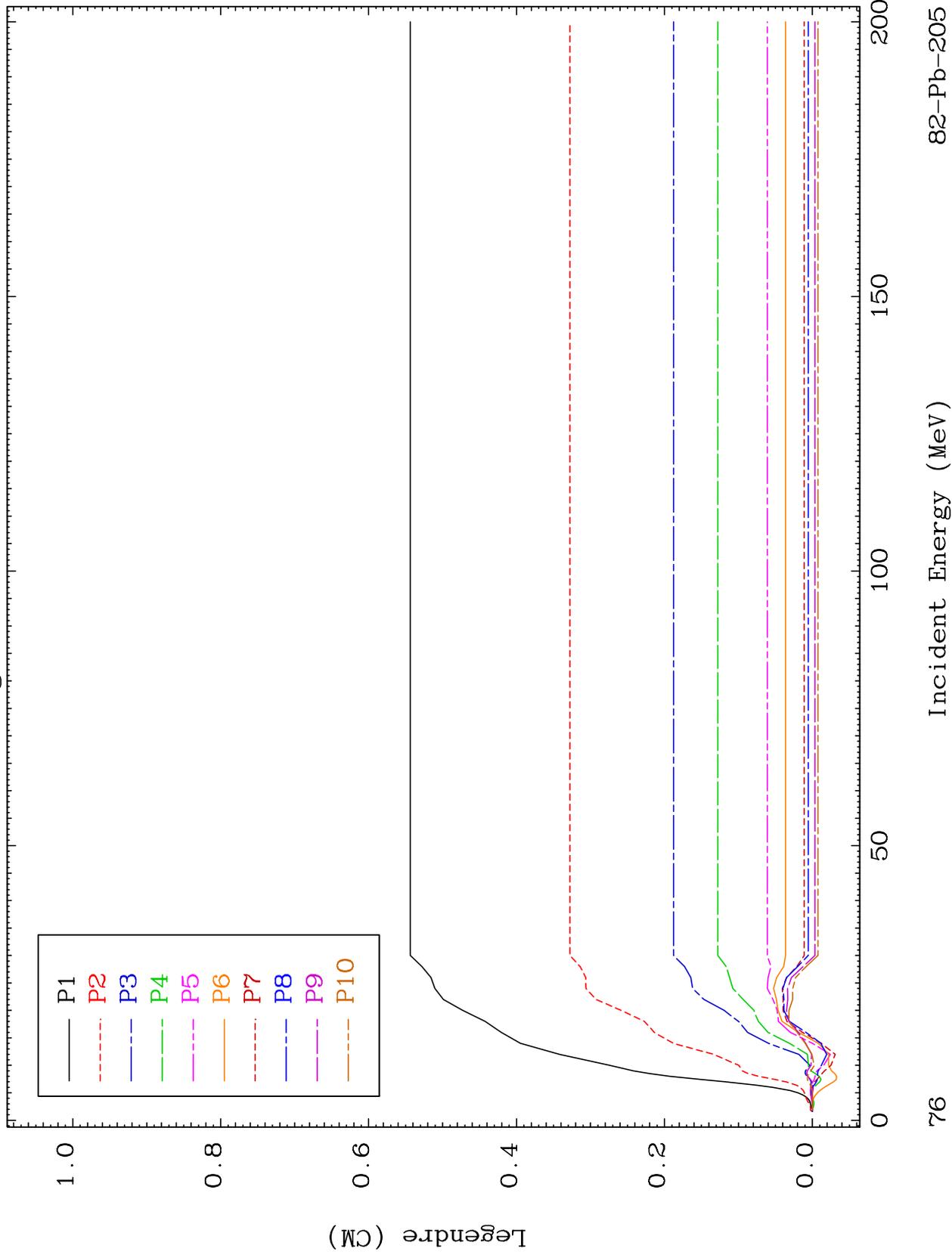
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205

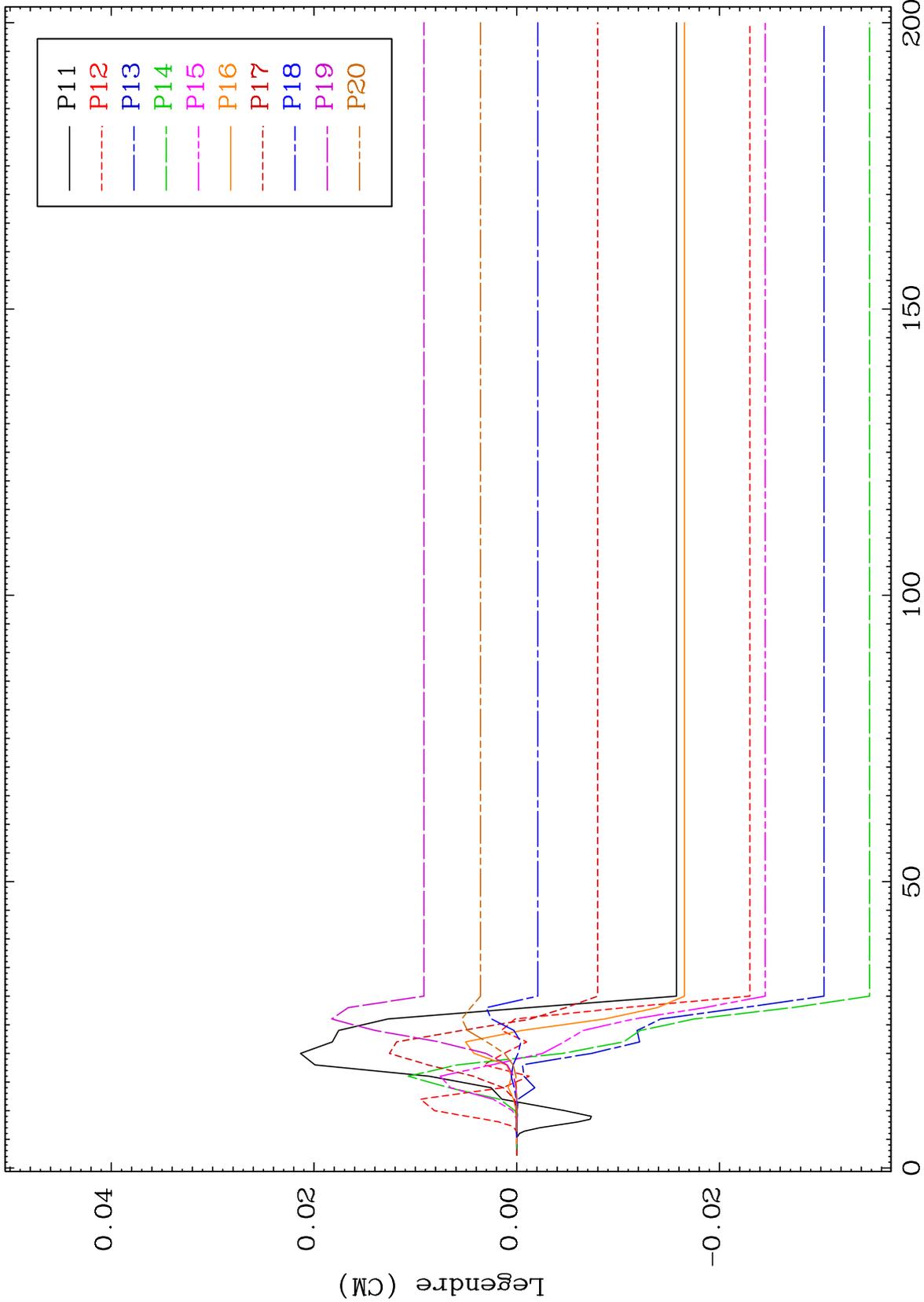


76

MAT 8228

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

82-Pb-205



77

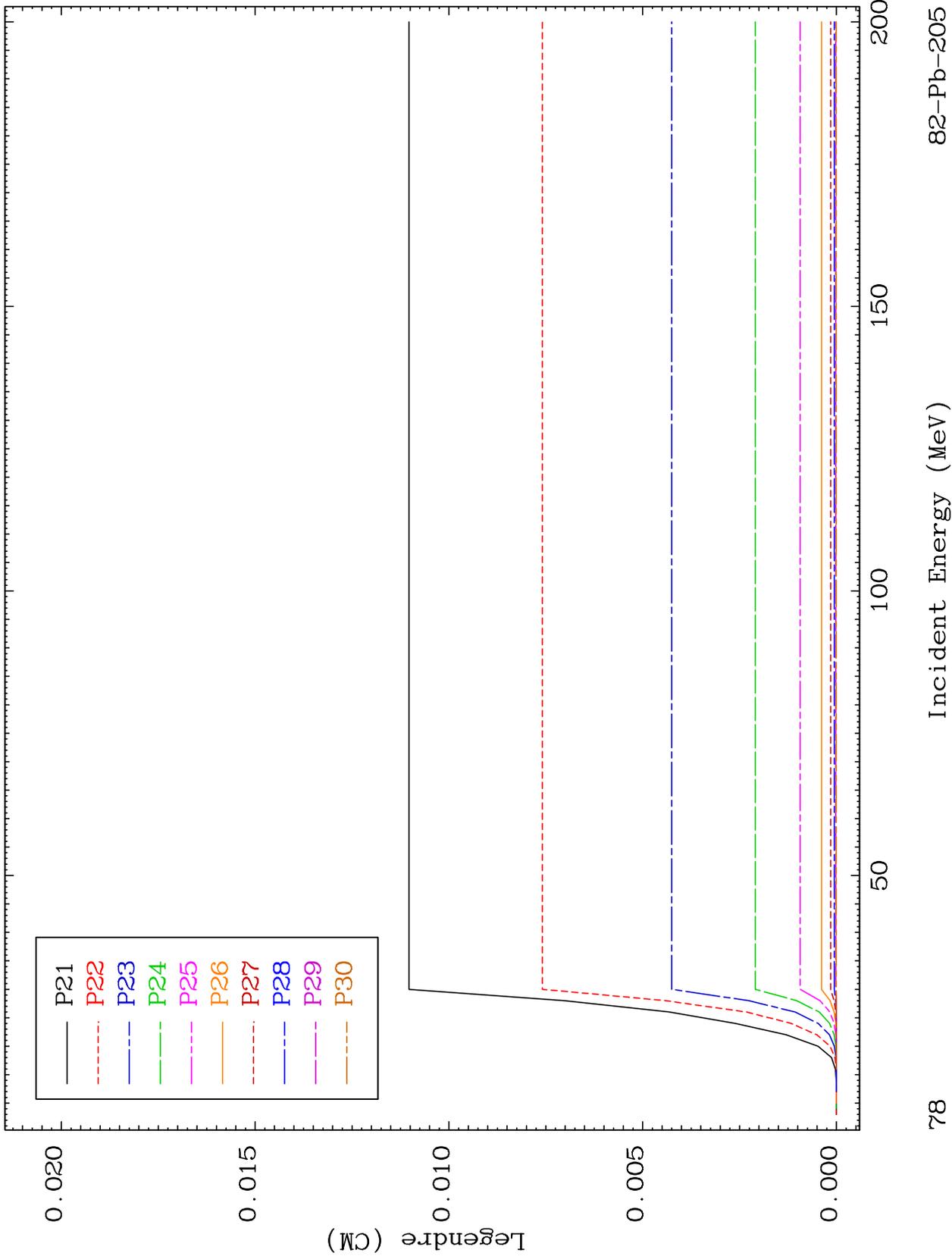
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



78

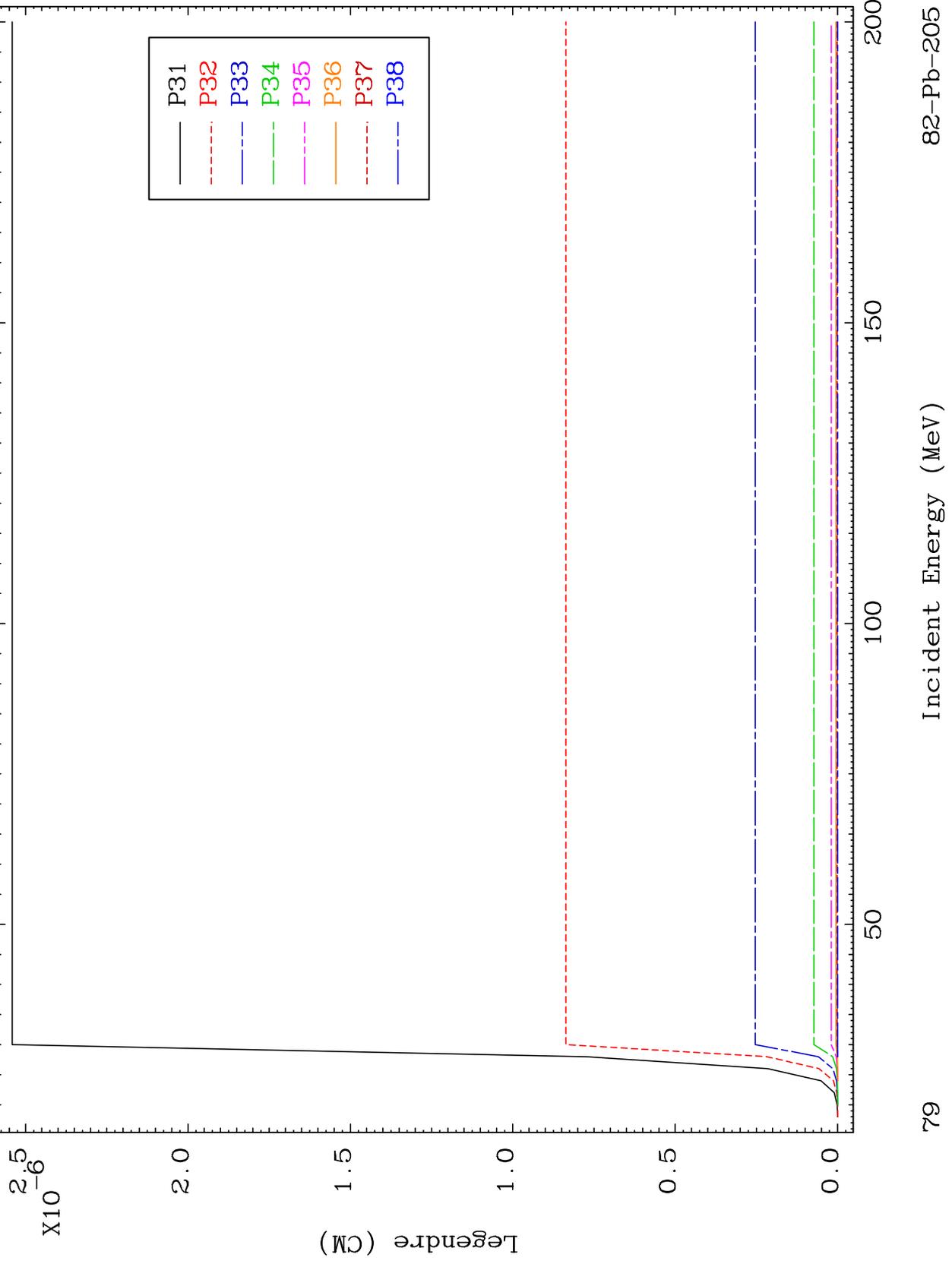
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

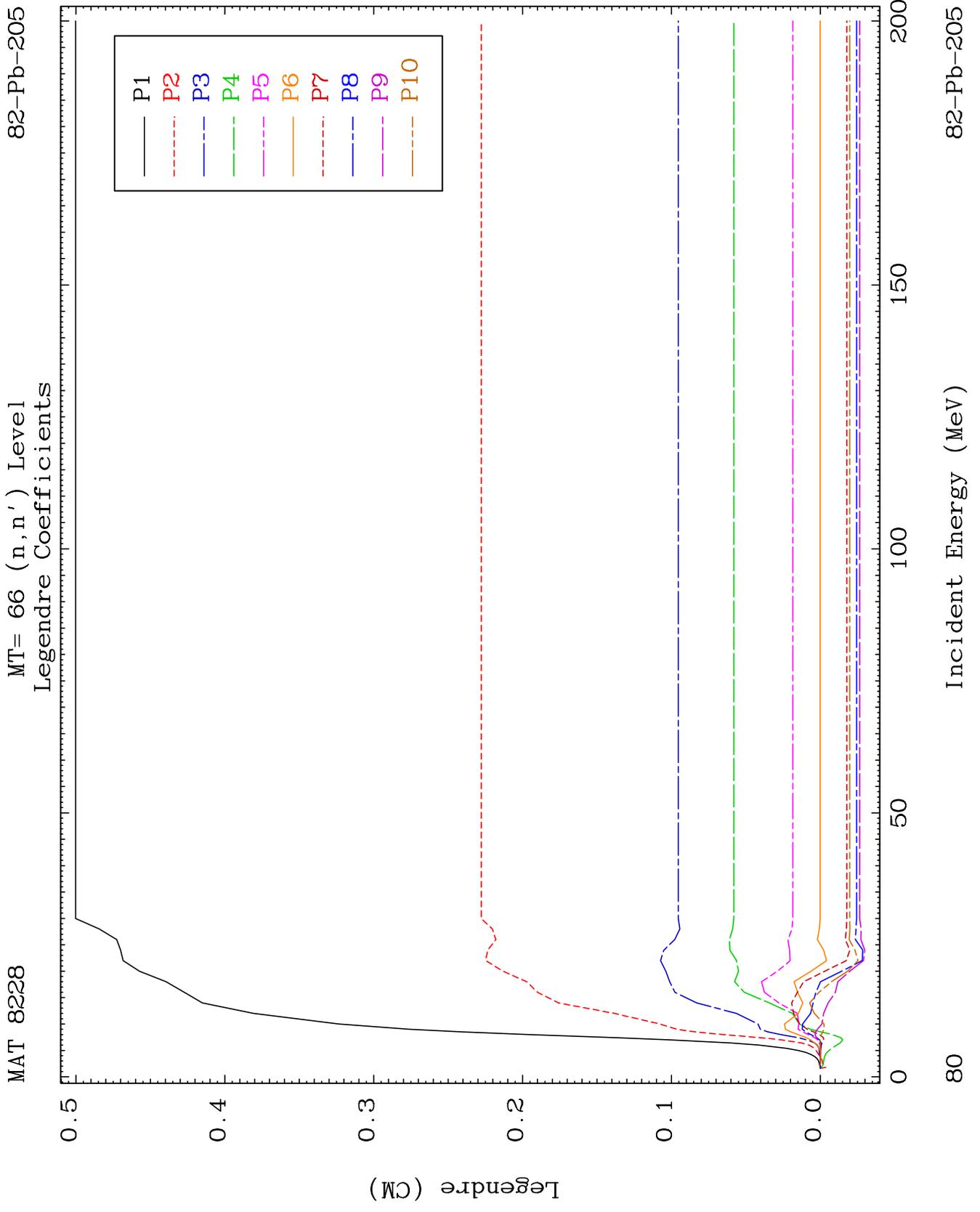
82-Pb-205



79

Incident Energy (MeV)

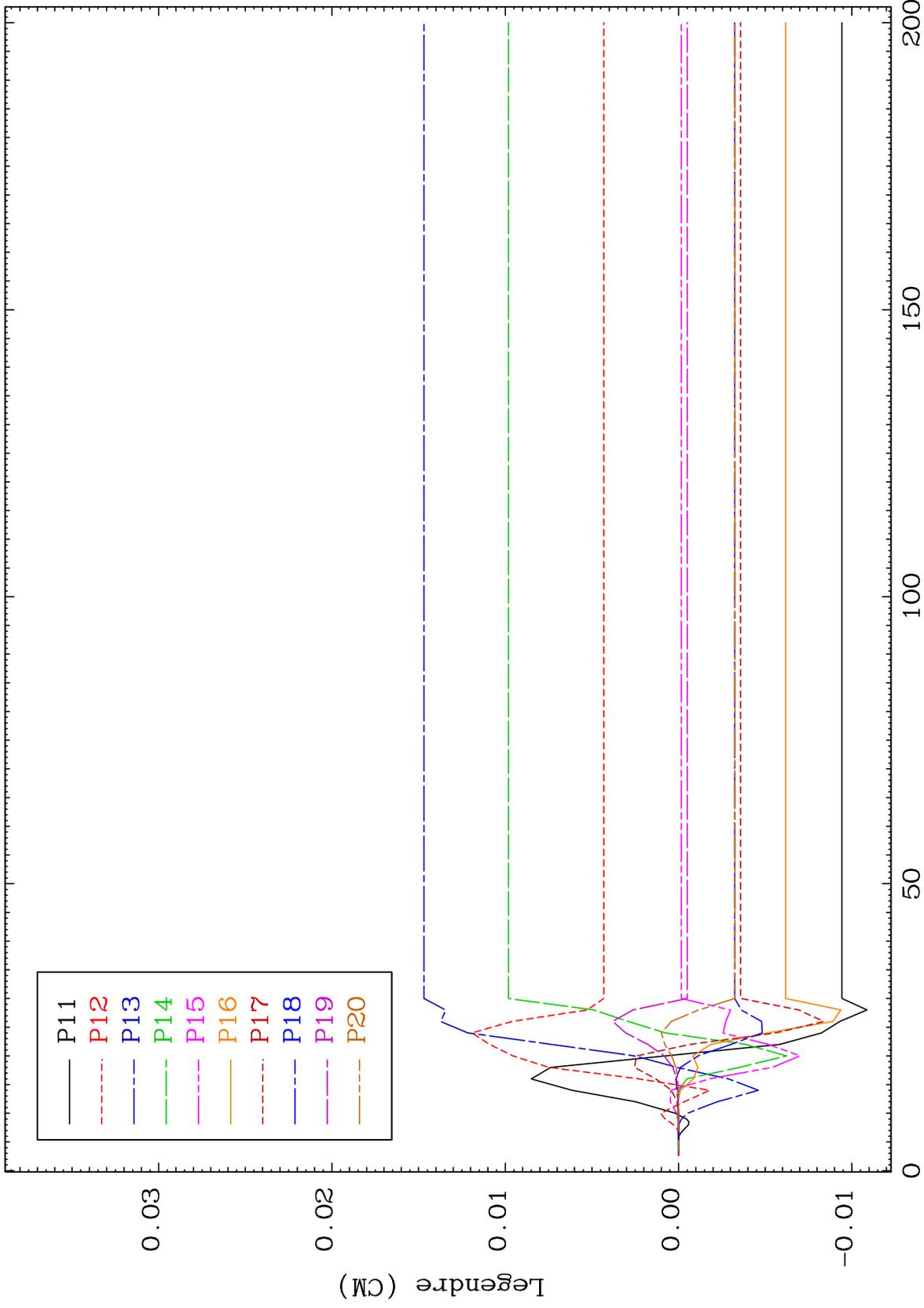
82-Pb-205



MAT 8228

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

82-Pb-205



81

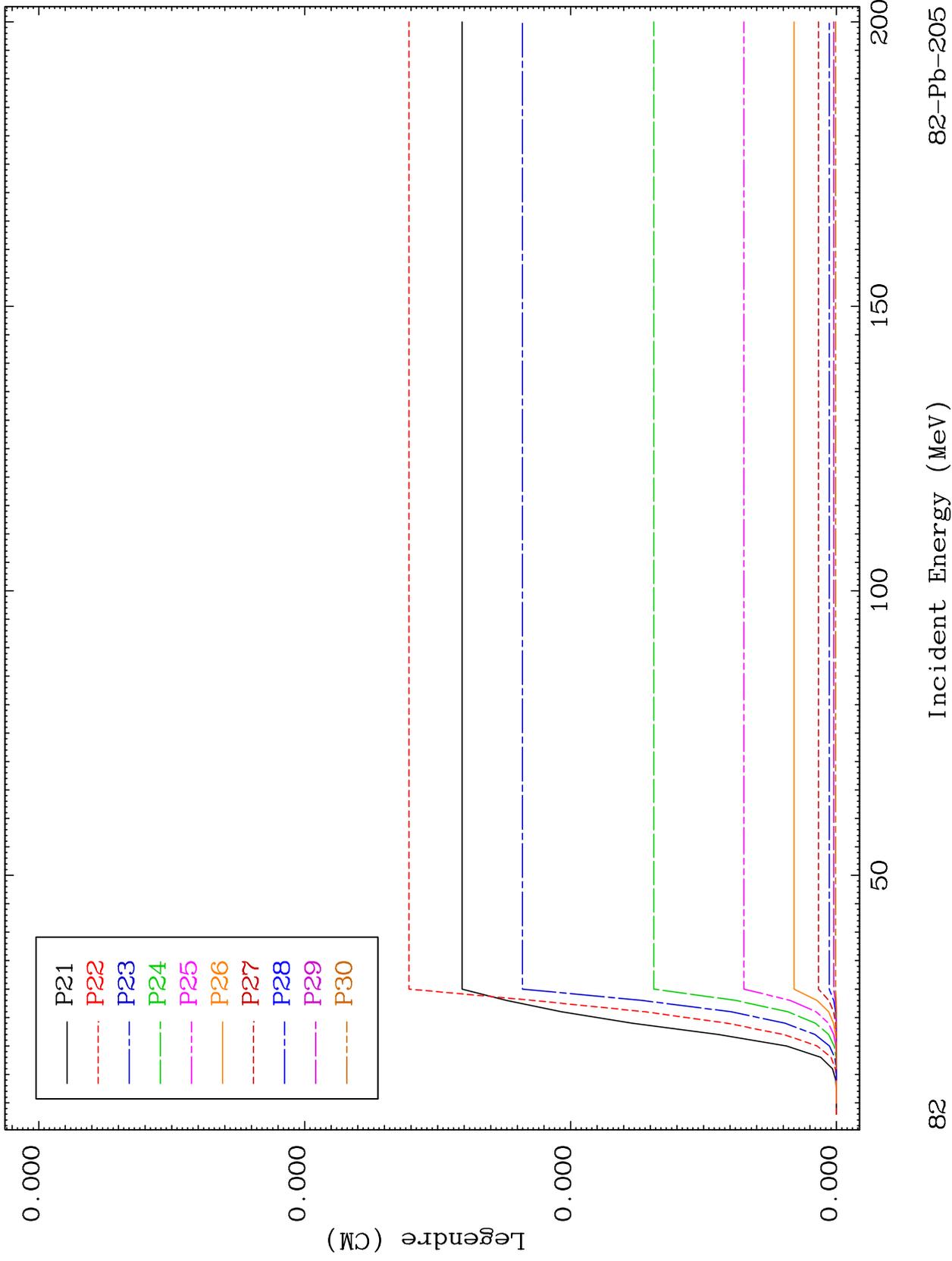
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



82

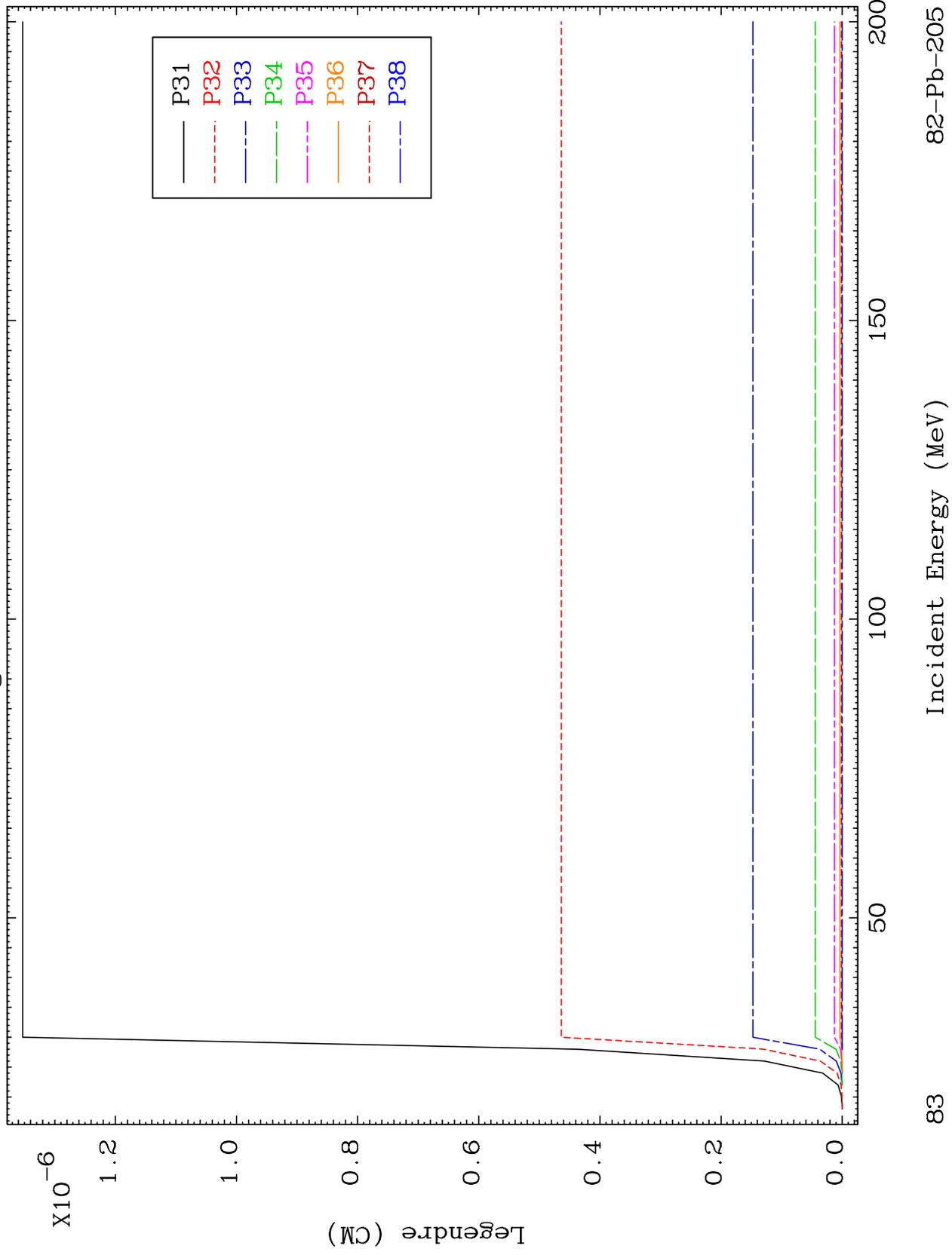
Incident Energy (MeV)

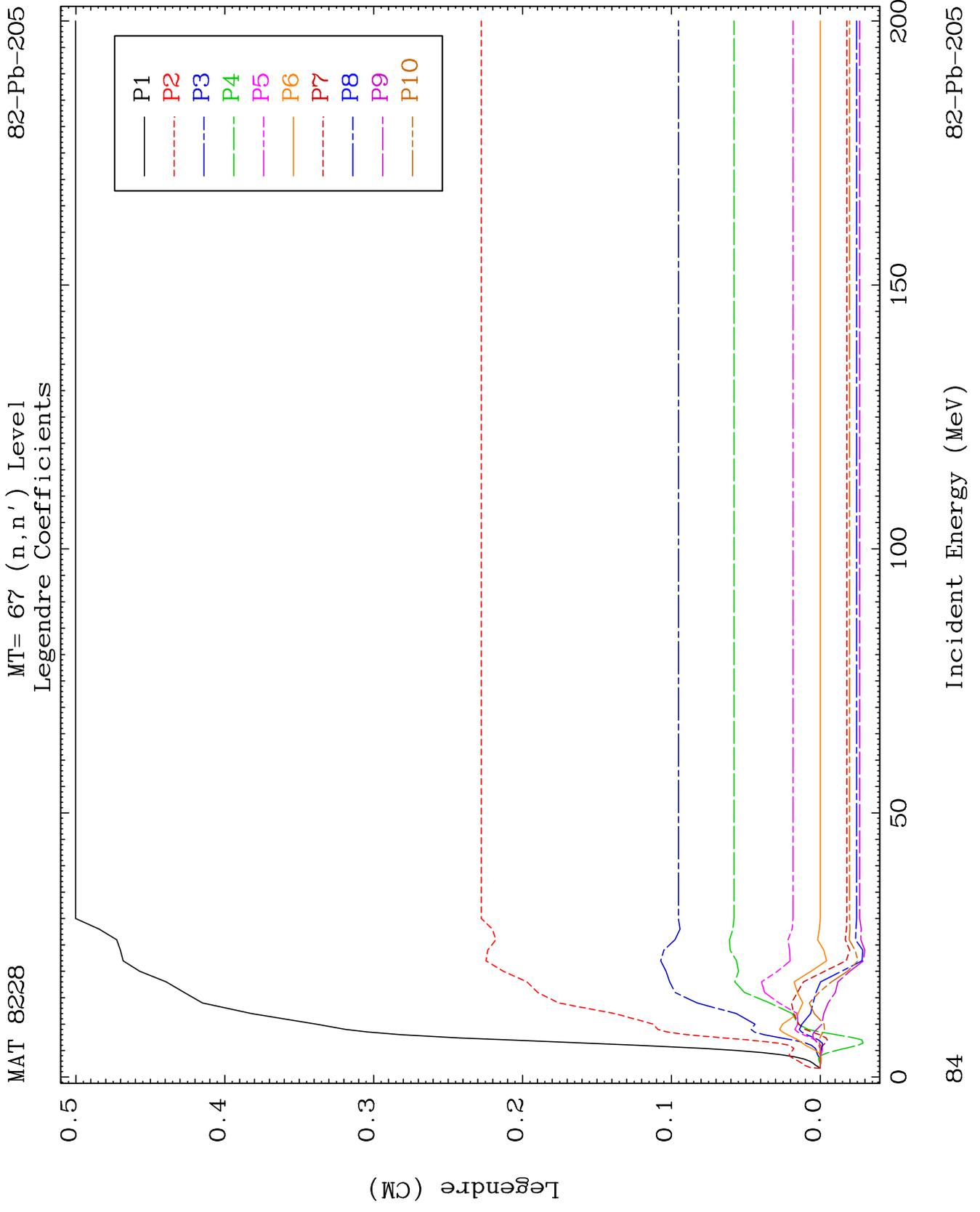
82-Pb-205

MAT 8228

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

82-Pb-205

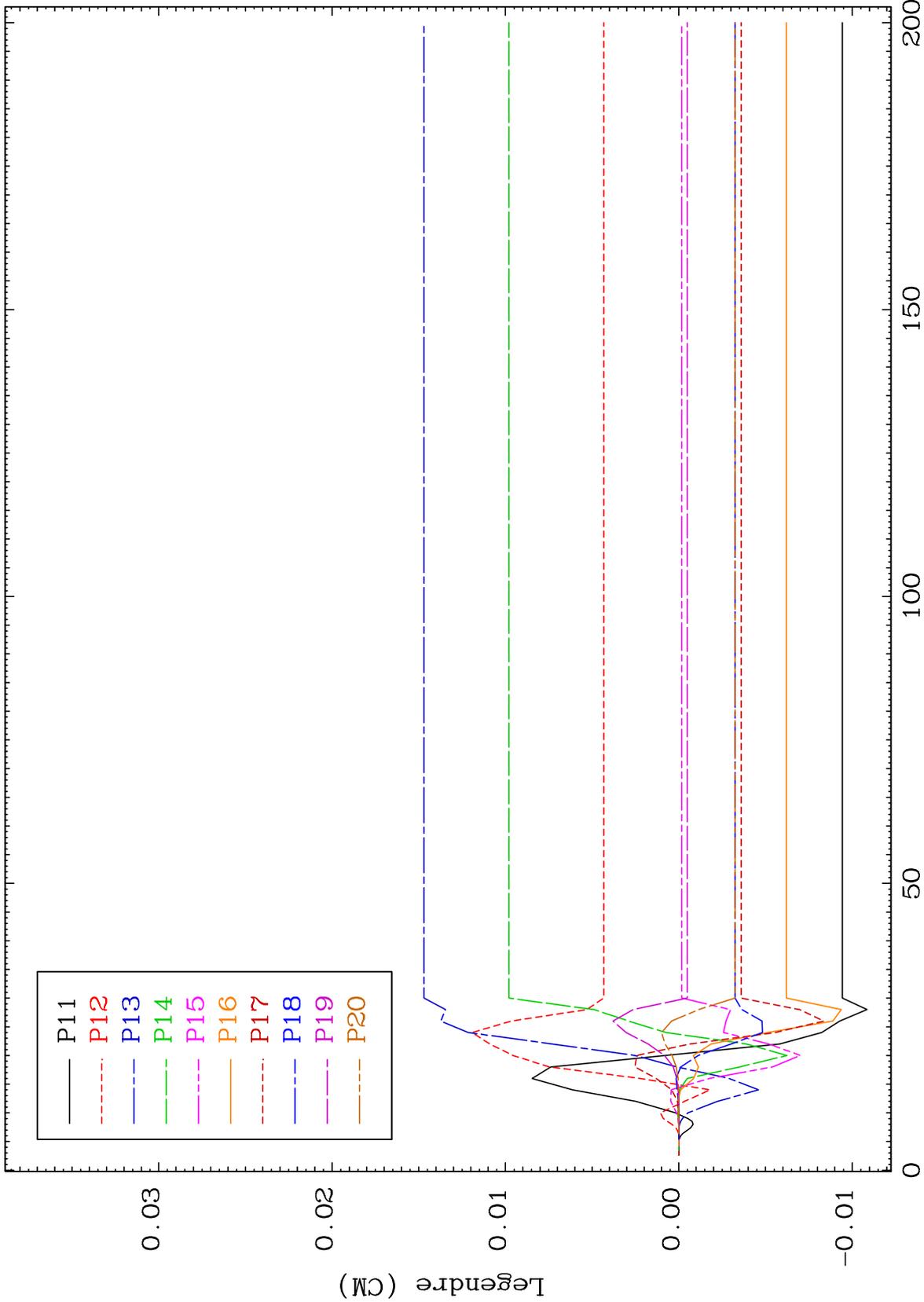




MAT 8228

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

82-Pb-205



85

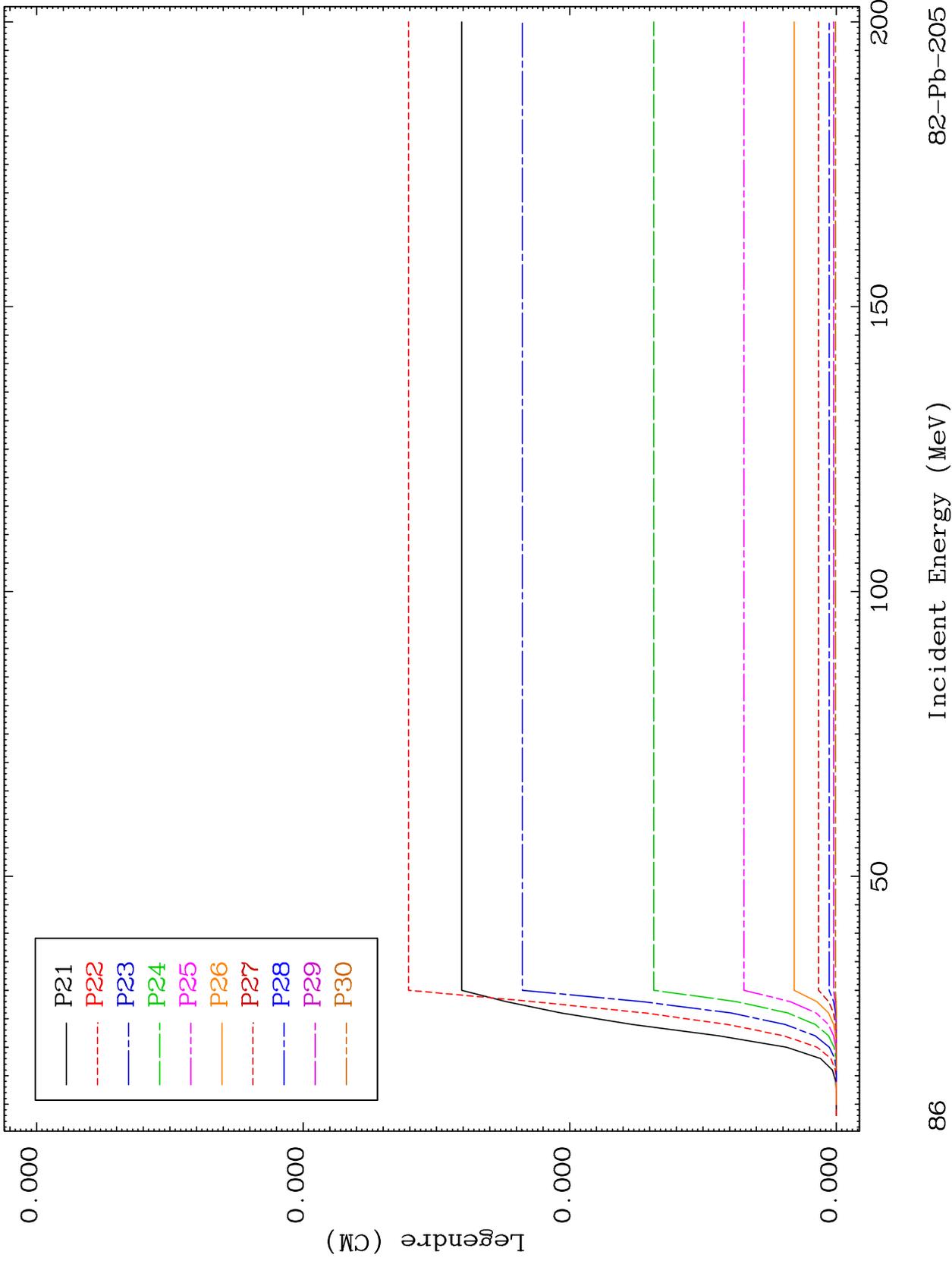
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

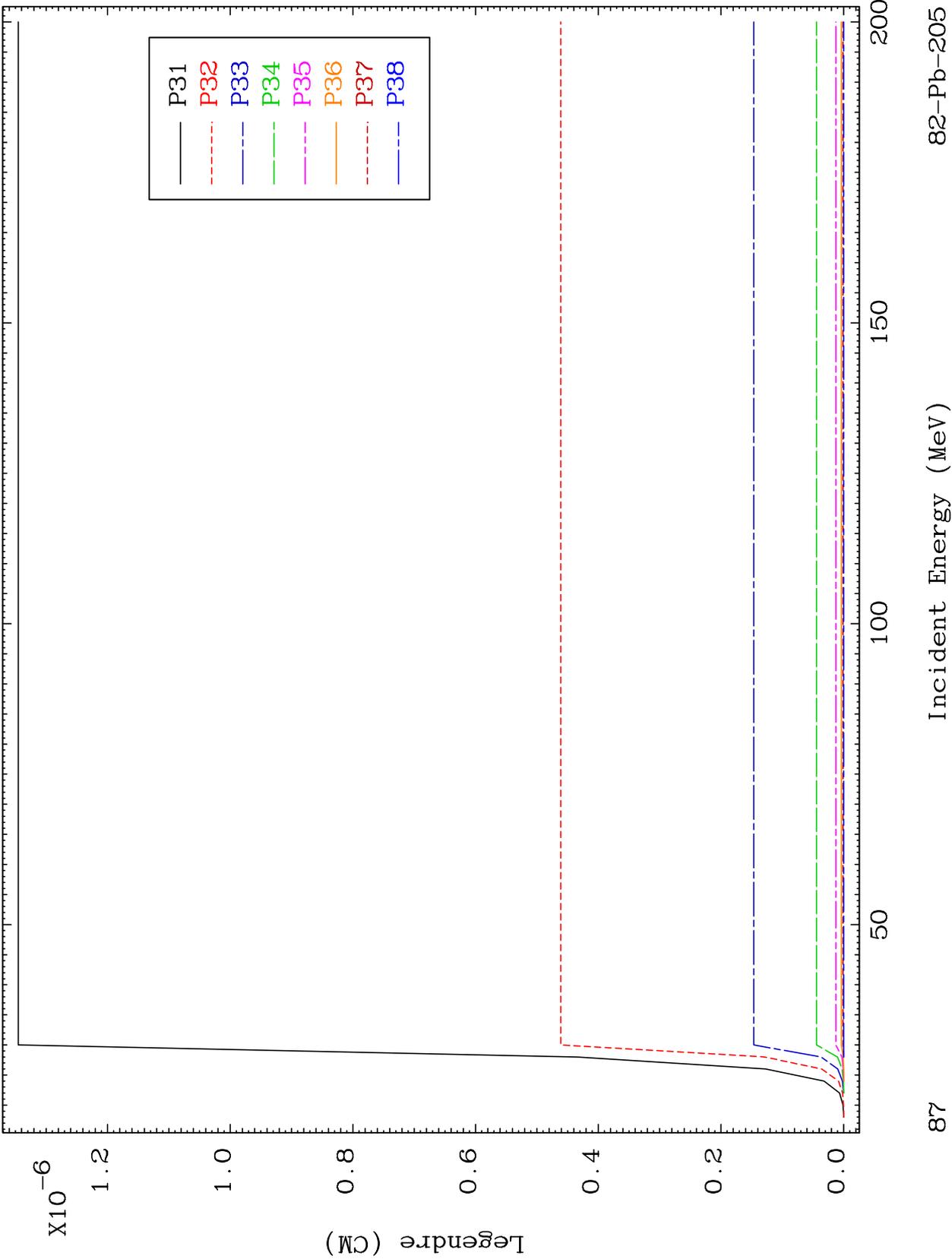
82-Pb-205



MAT 8228

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

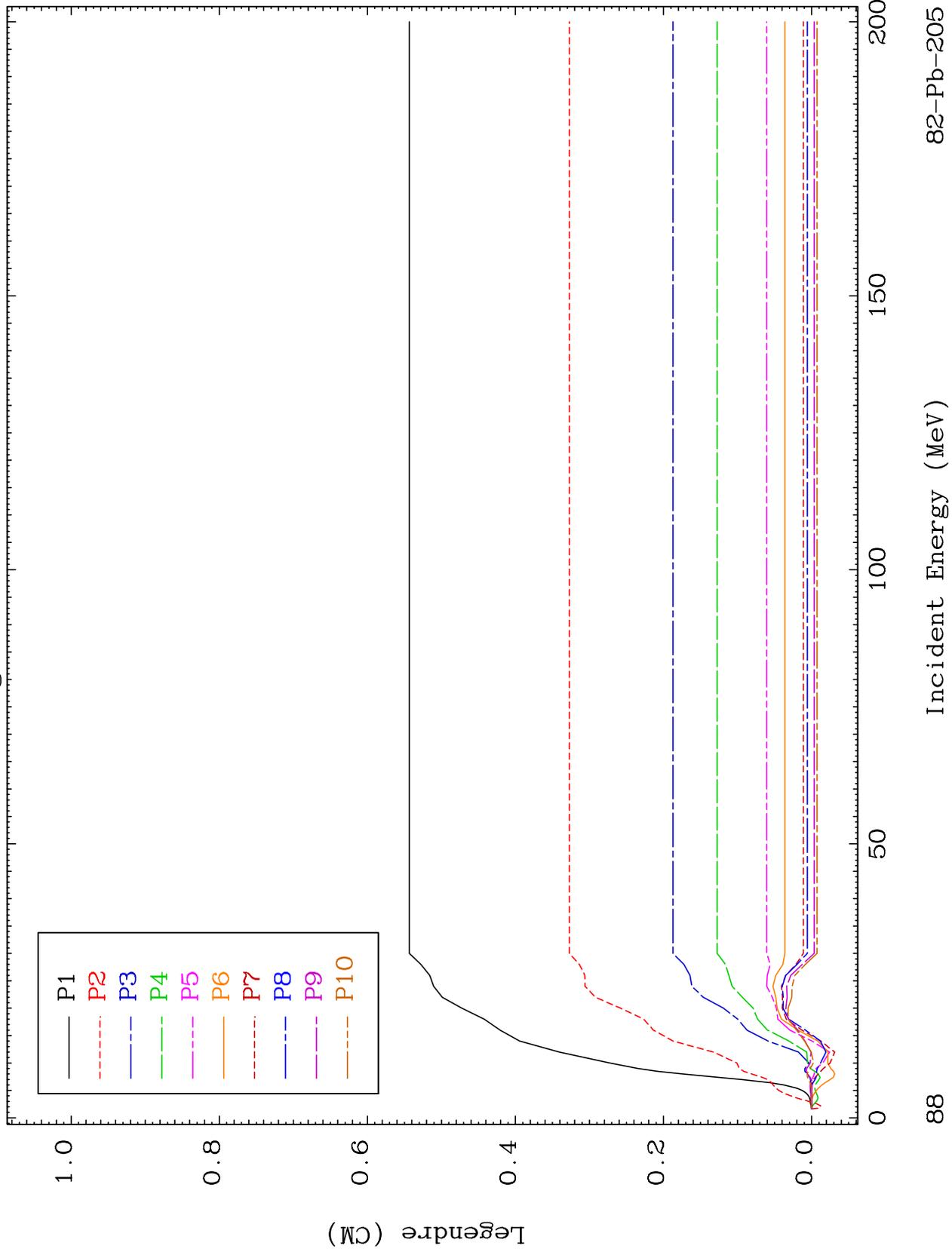
82-Pb-205



MAT 8228

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

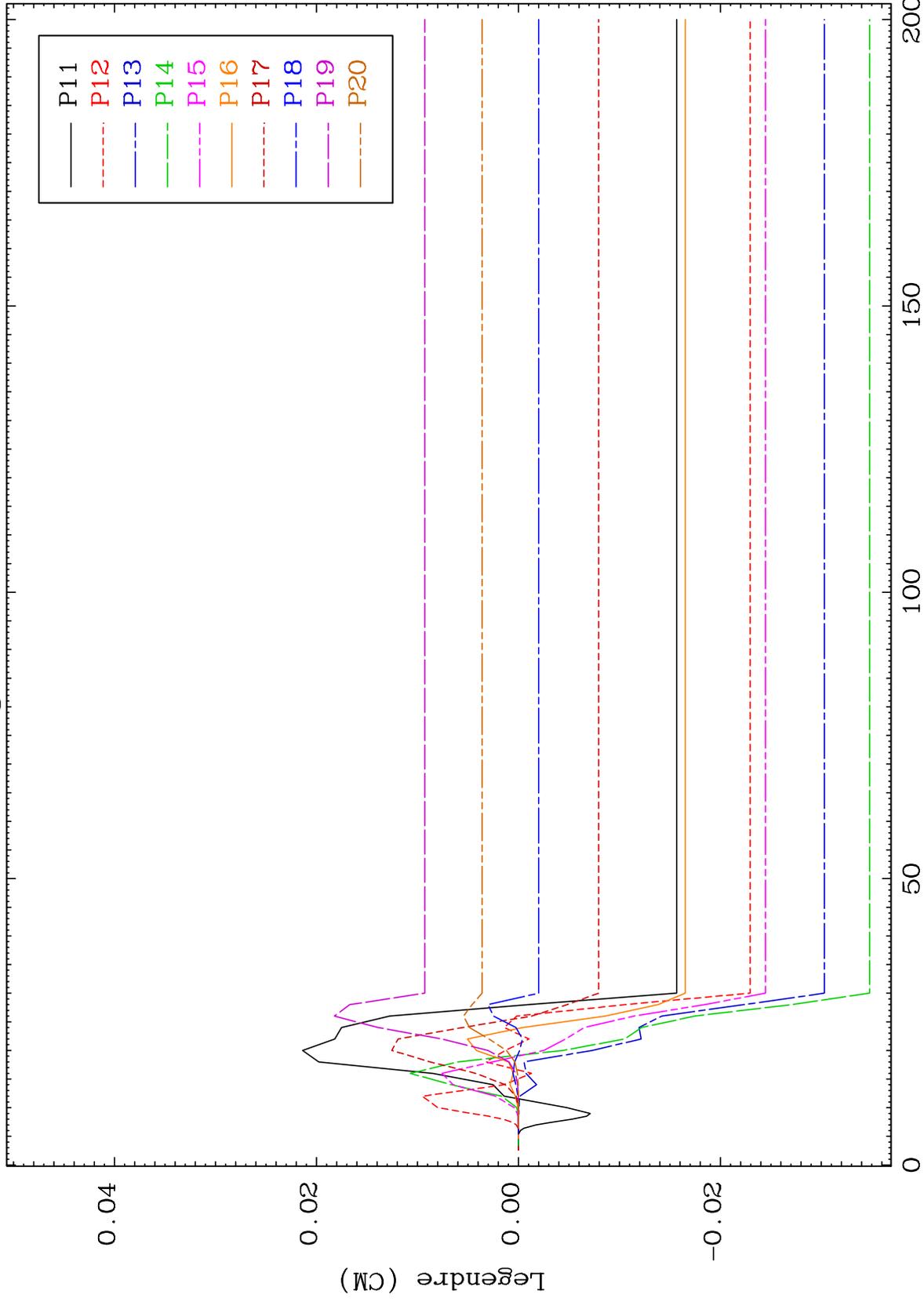
82-Pb-205



MAT 8228

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

82-Pb-205



89

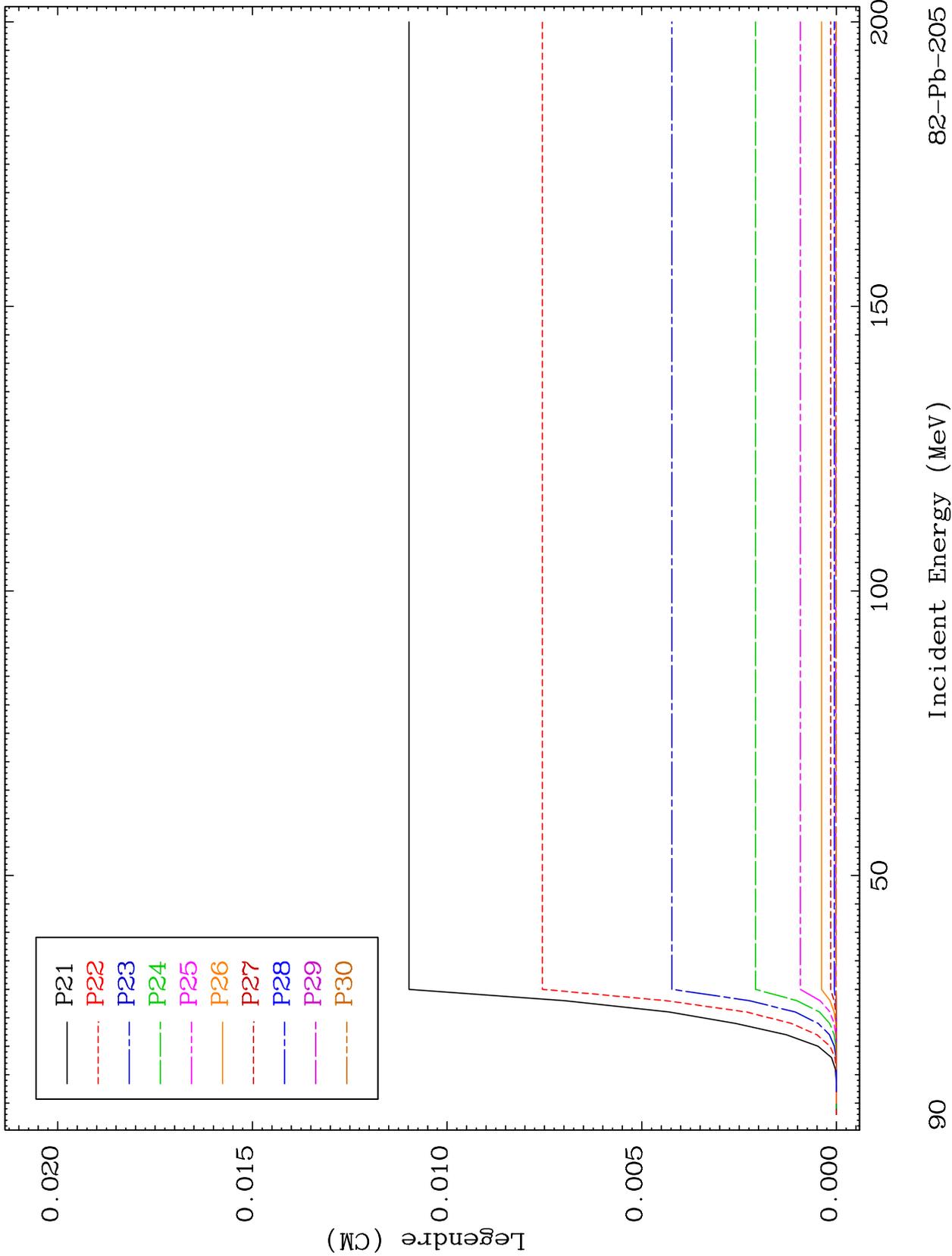
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



90

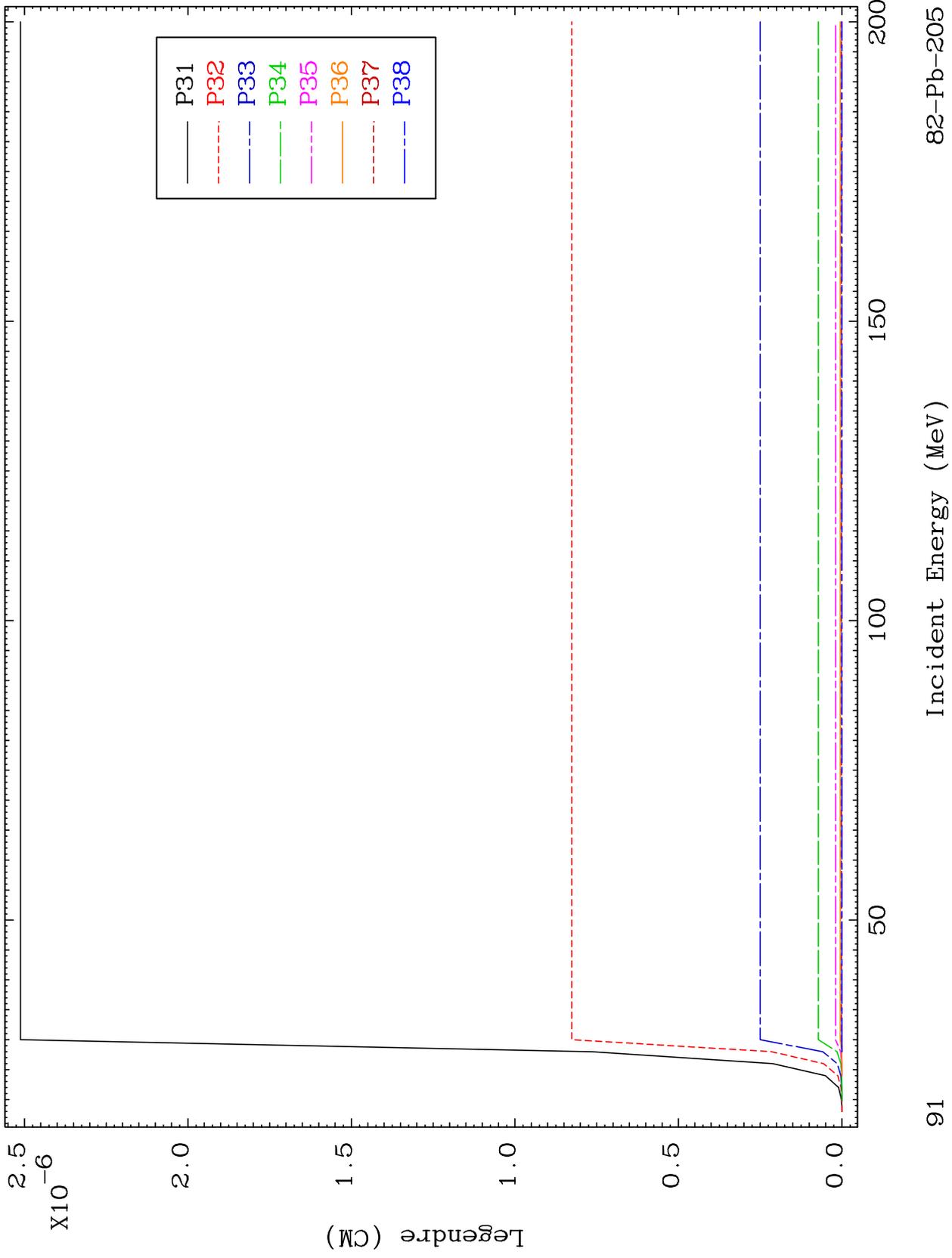
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

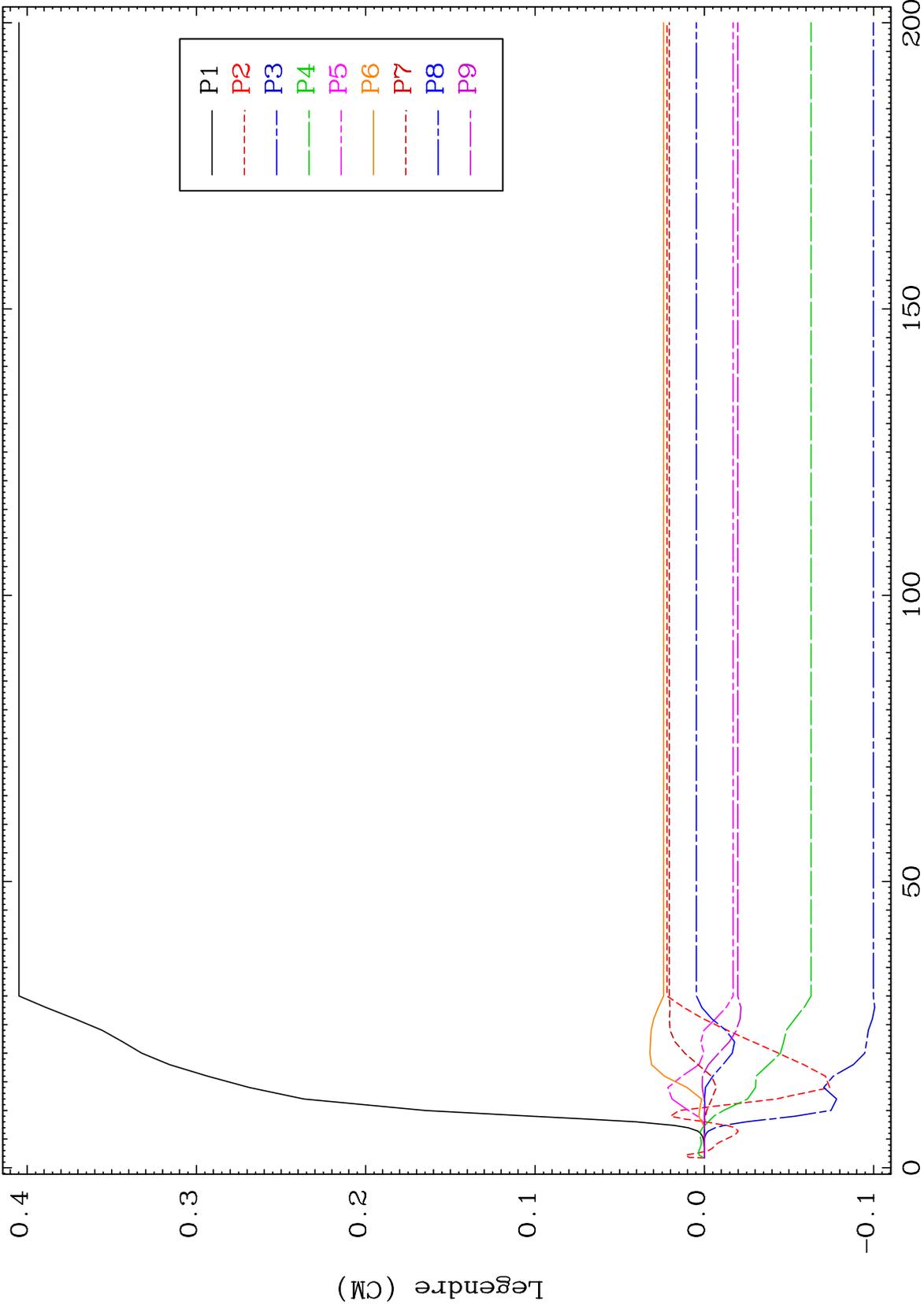
82-Pb-205



MAT 8228

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

82-Pb-205



92

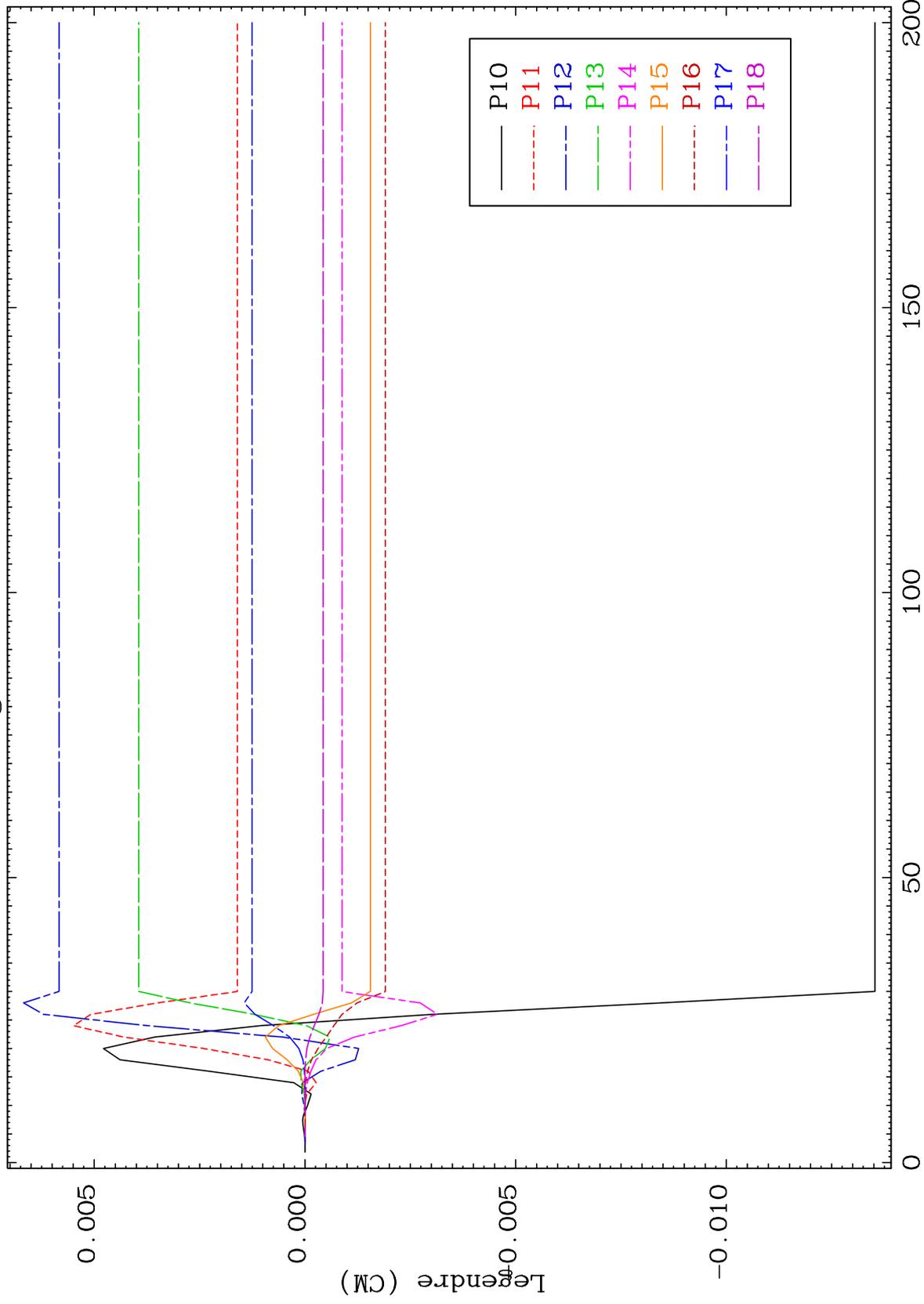
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



93

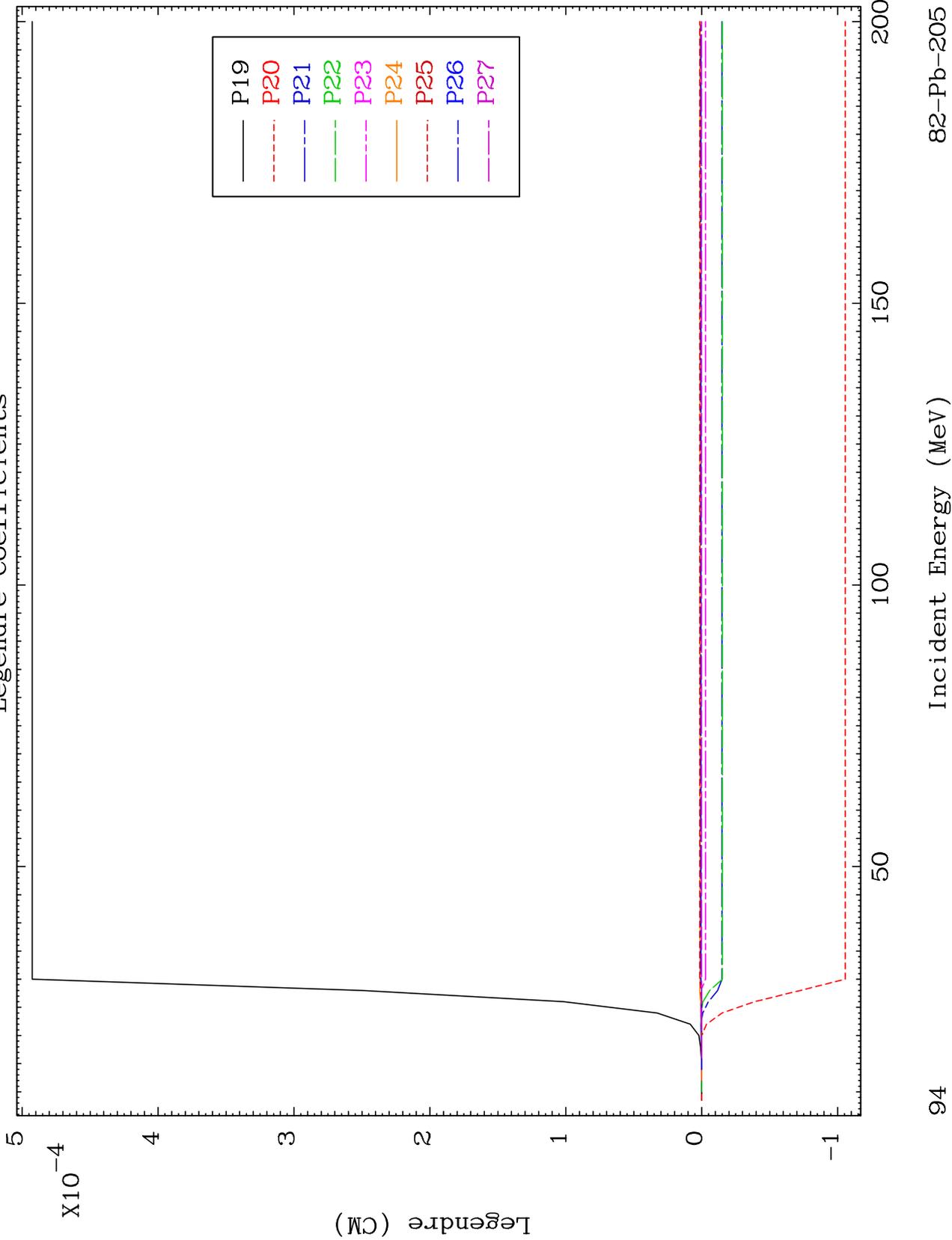
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



94

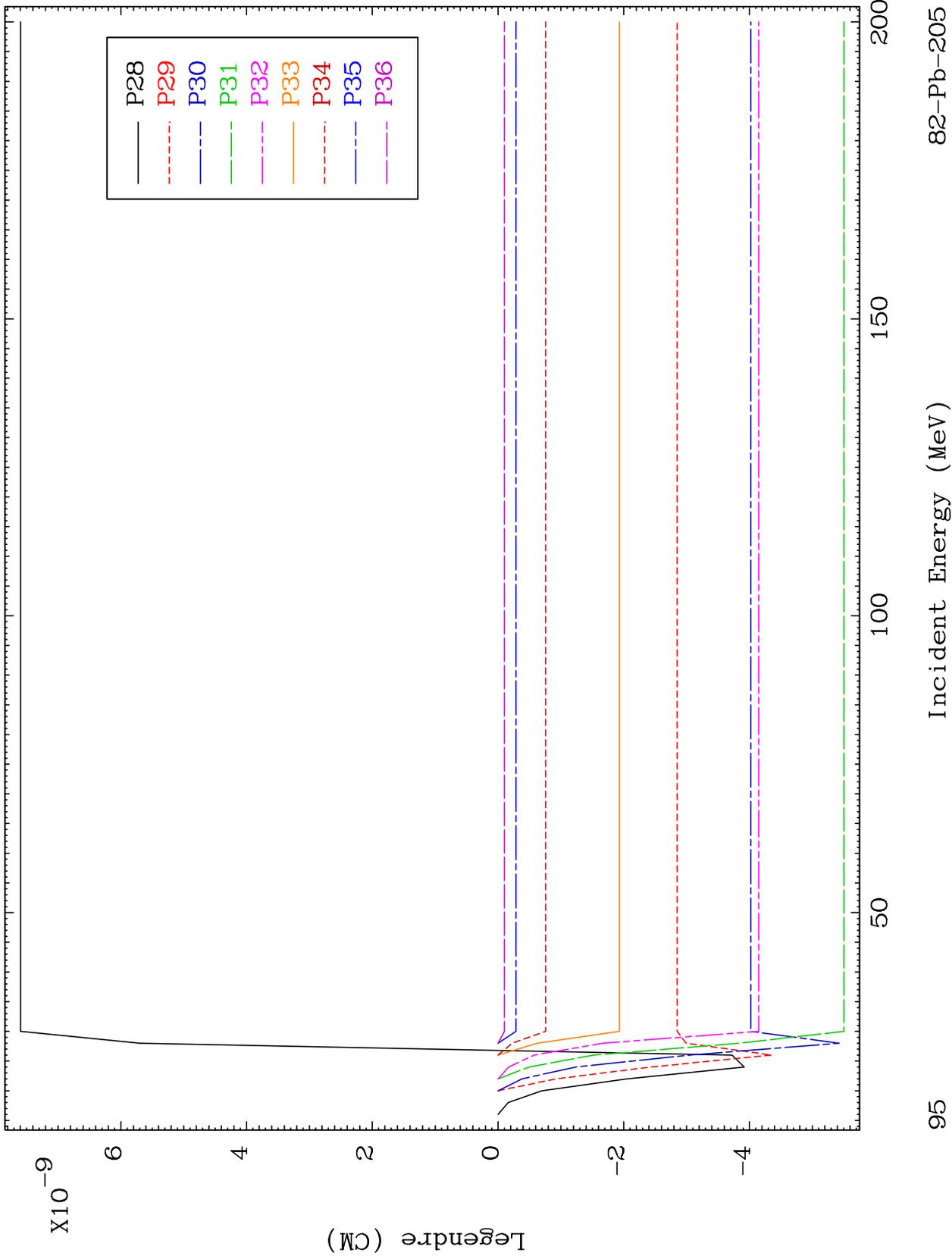
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



95

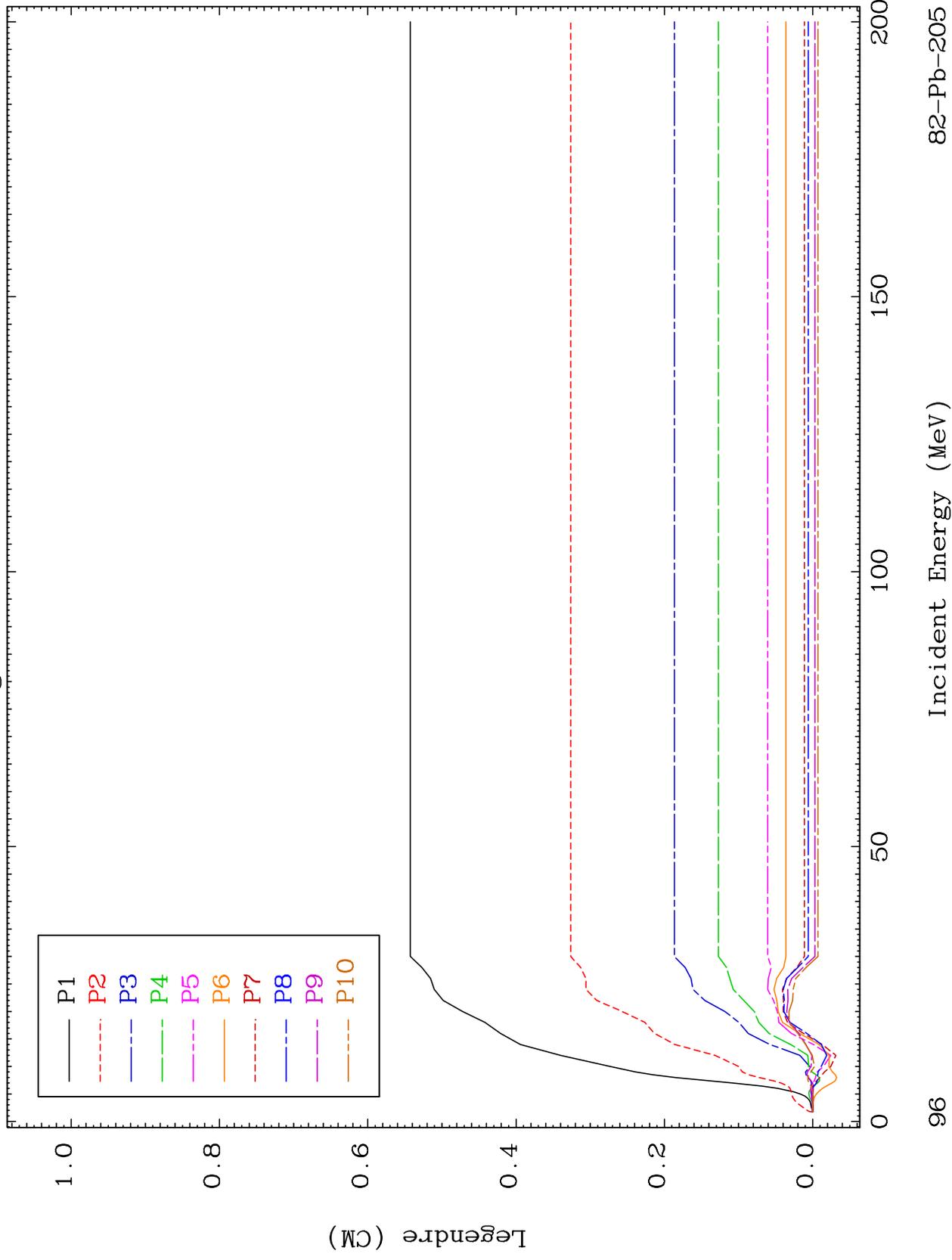
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

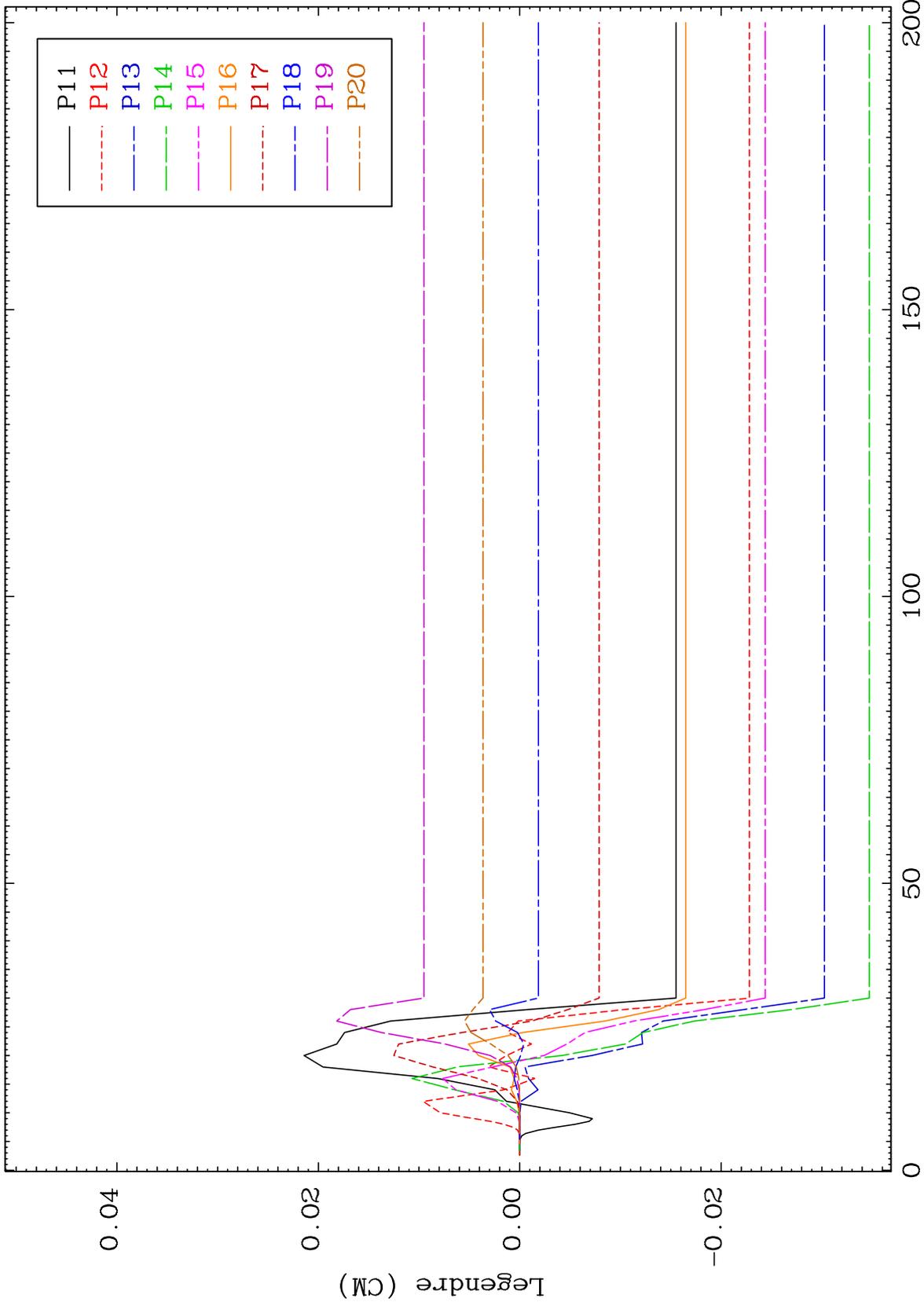
82-Pb-205



MAT 8228

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

82-Pb-205



97

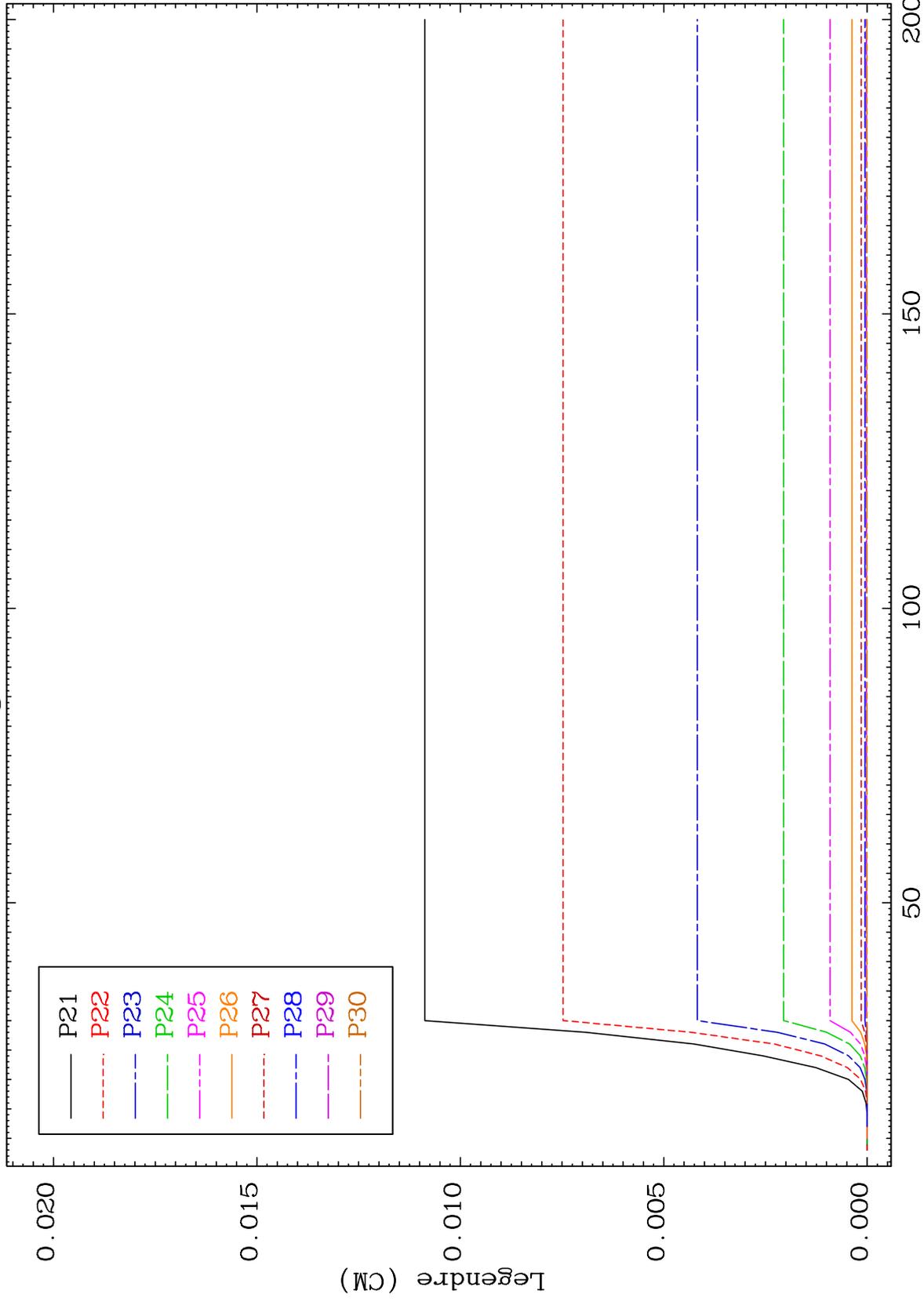
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



98

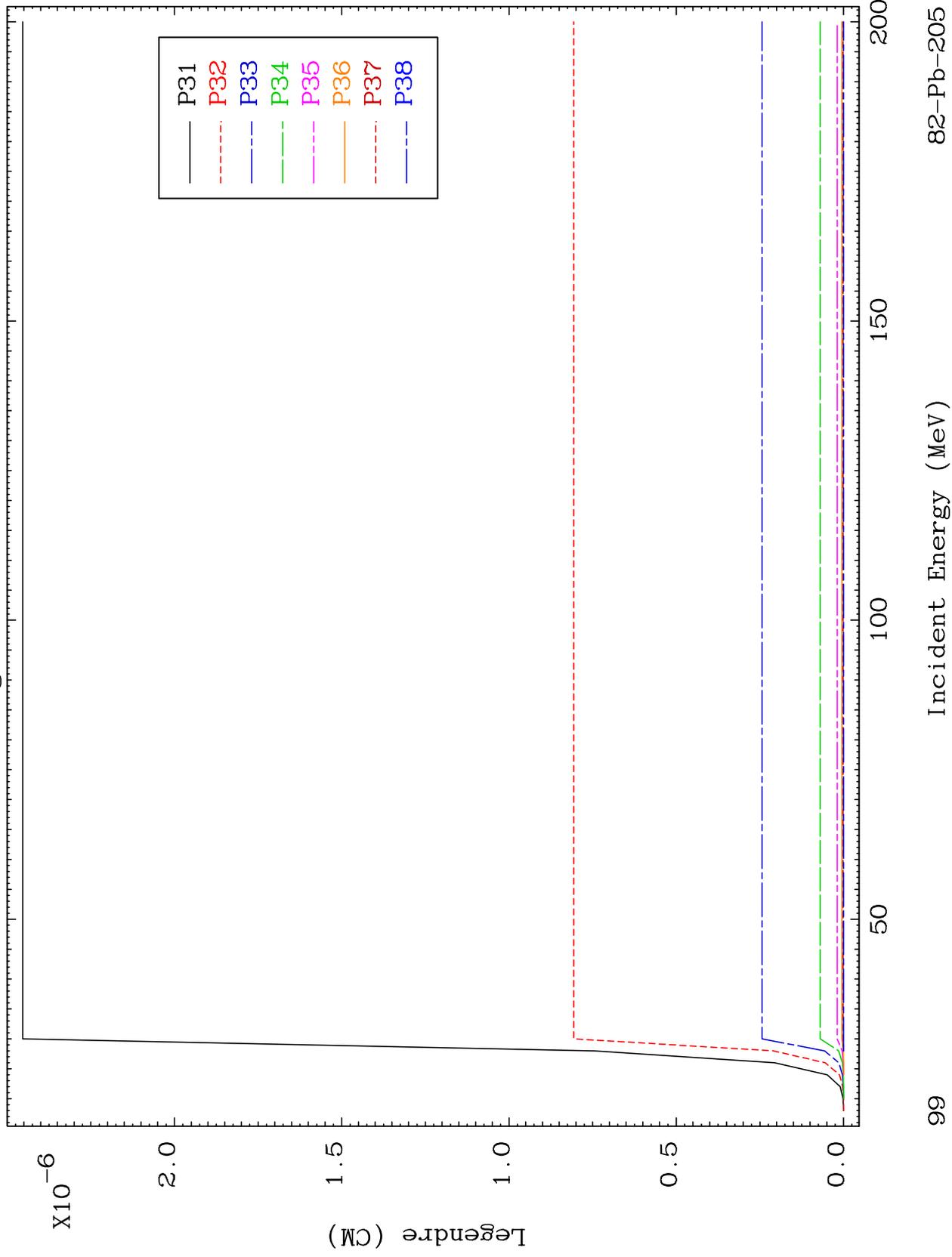
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205

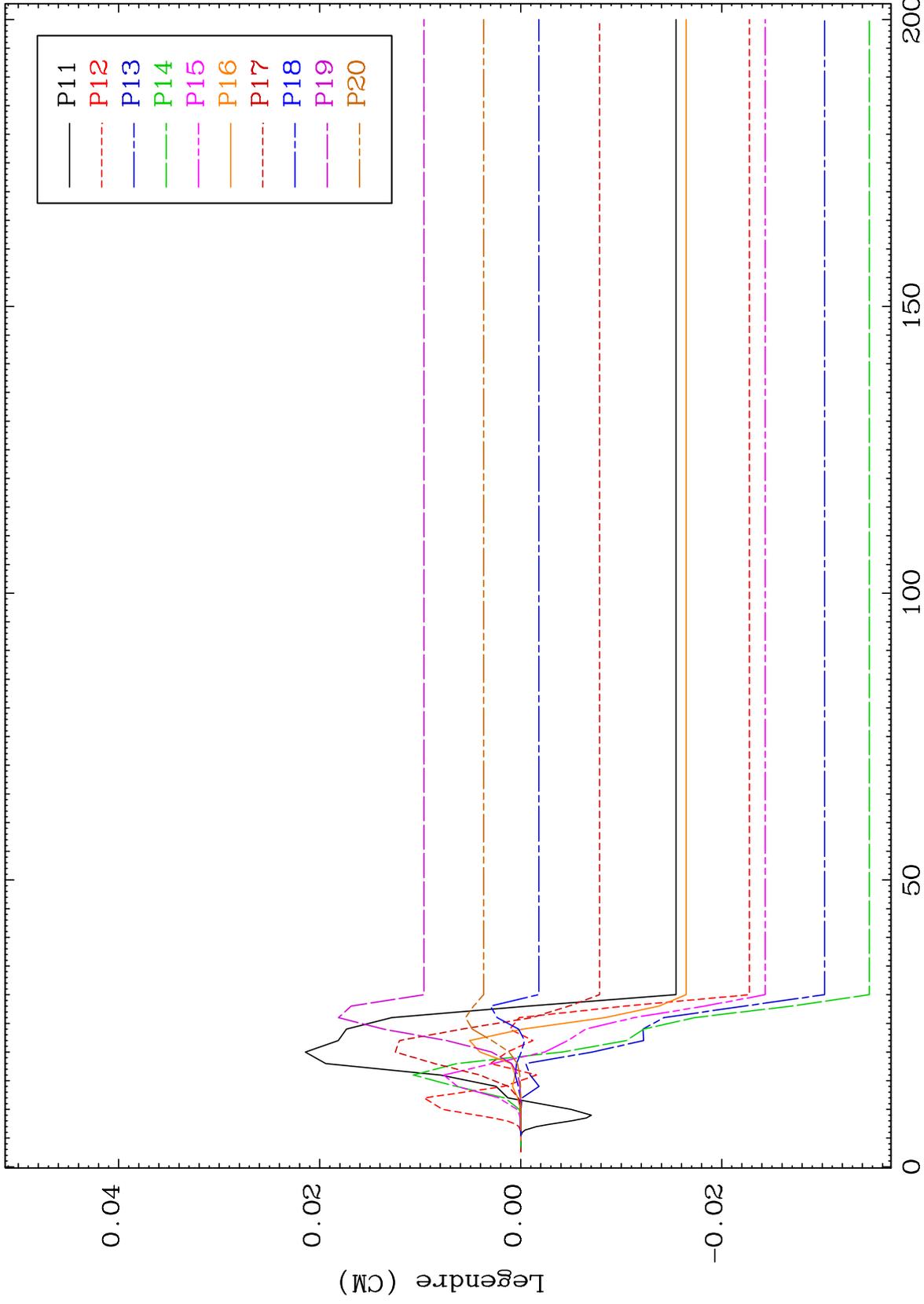


99

MAT 8228

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

82-Pb-205



101

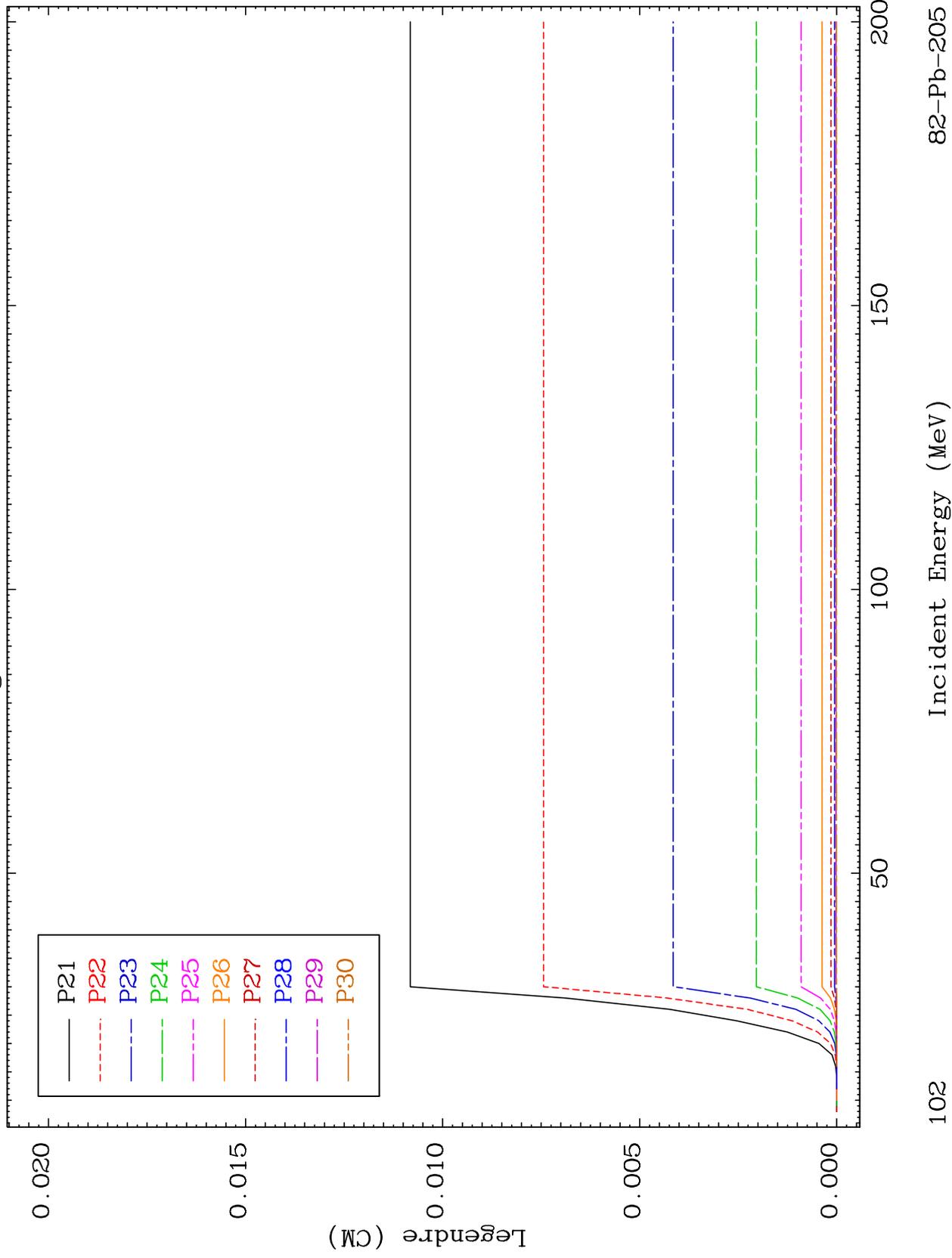
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



102

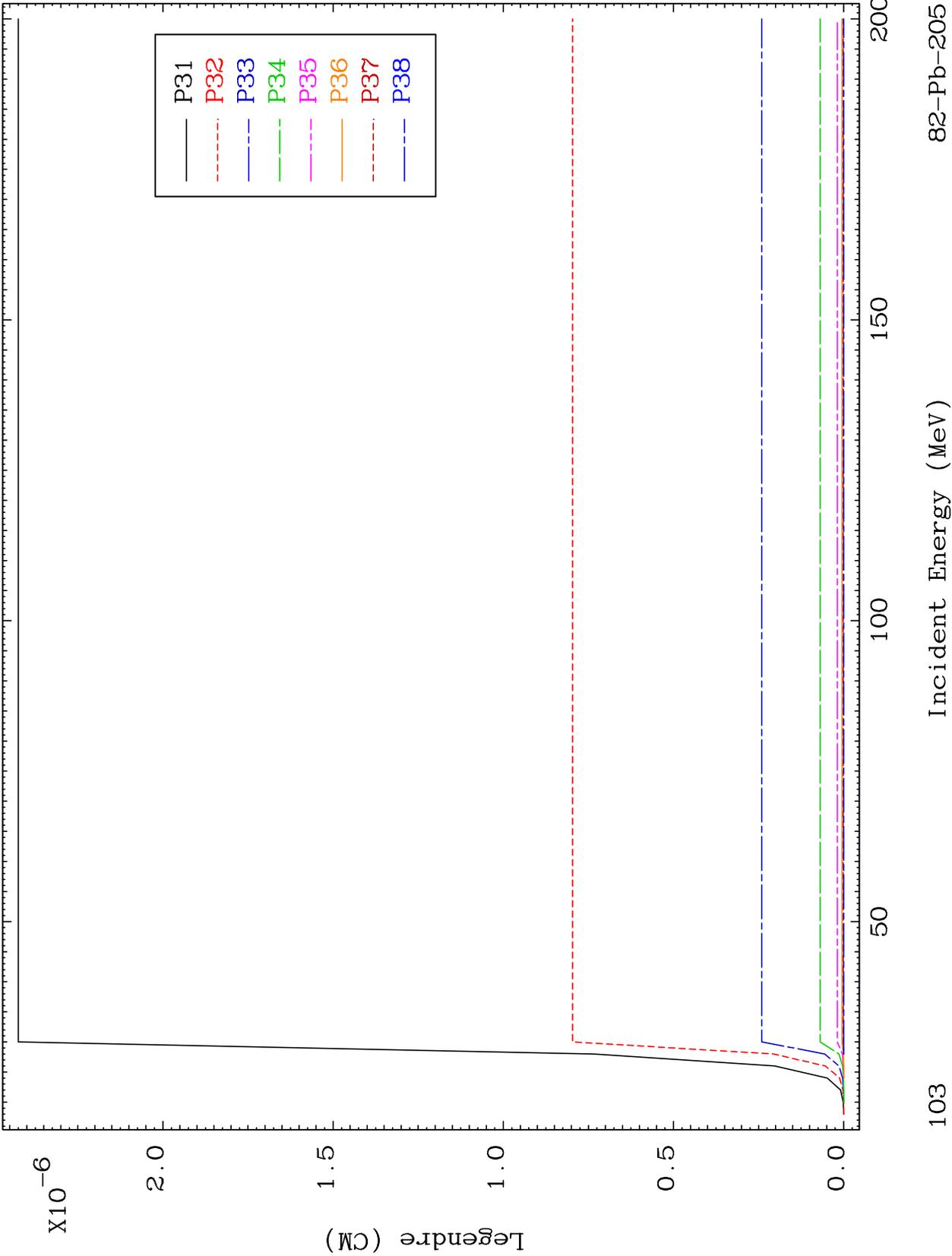
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



103

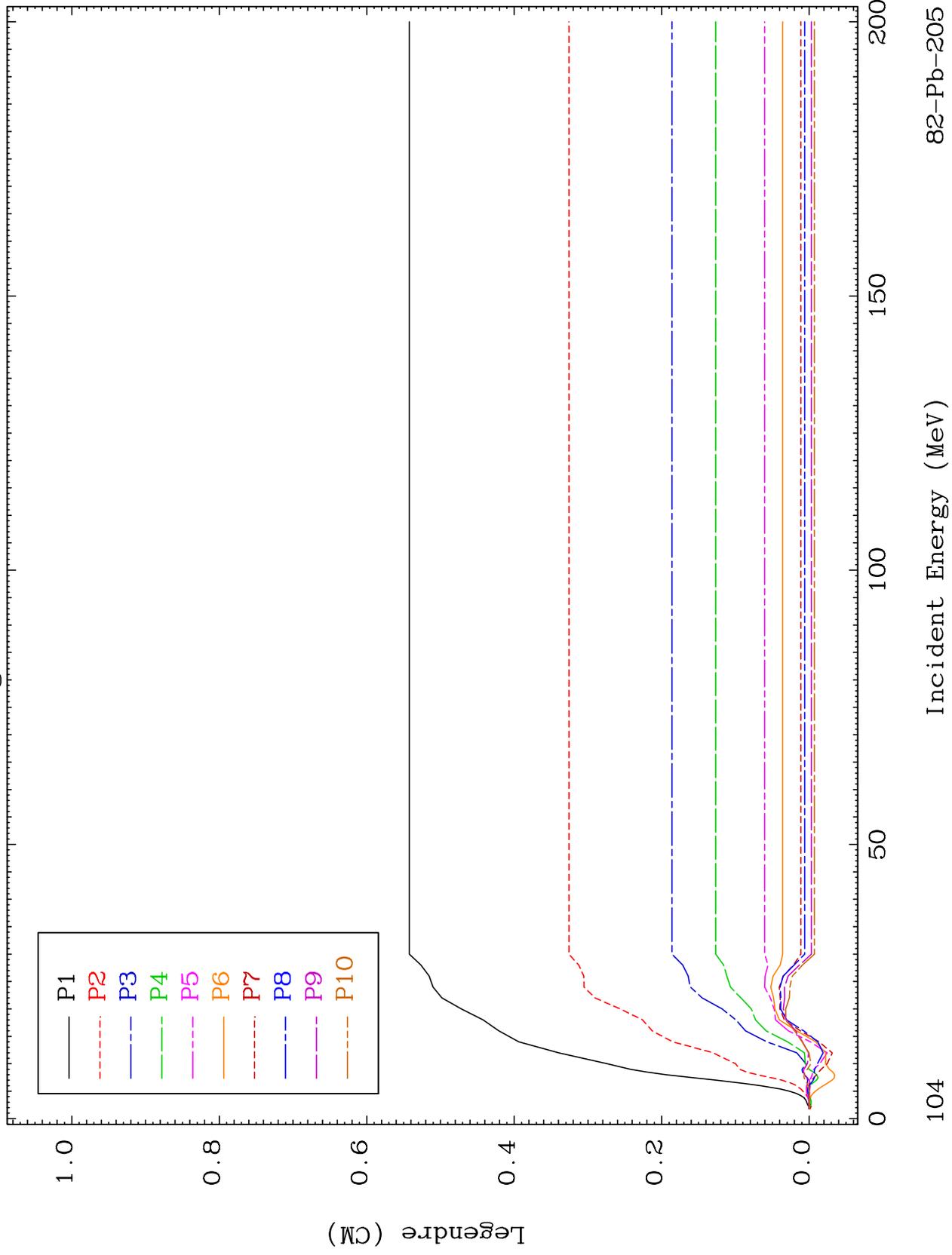
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

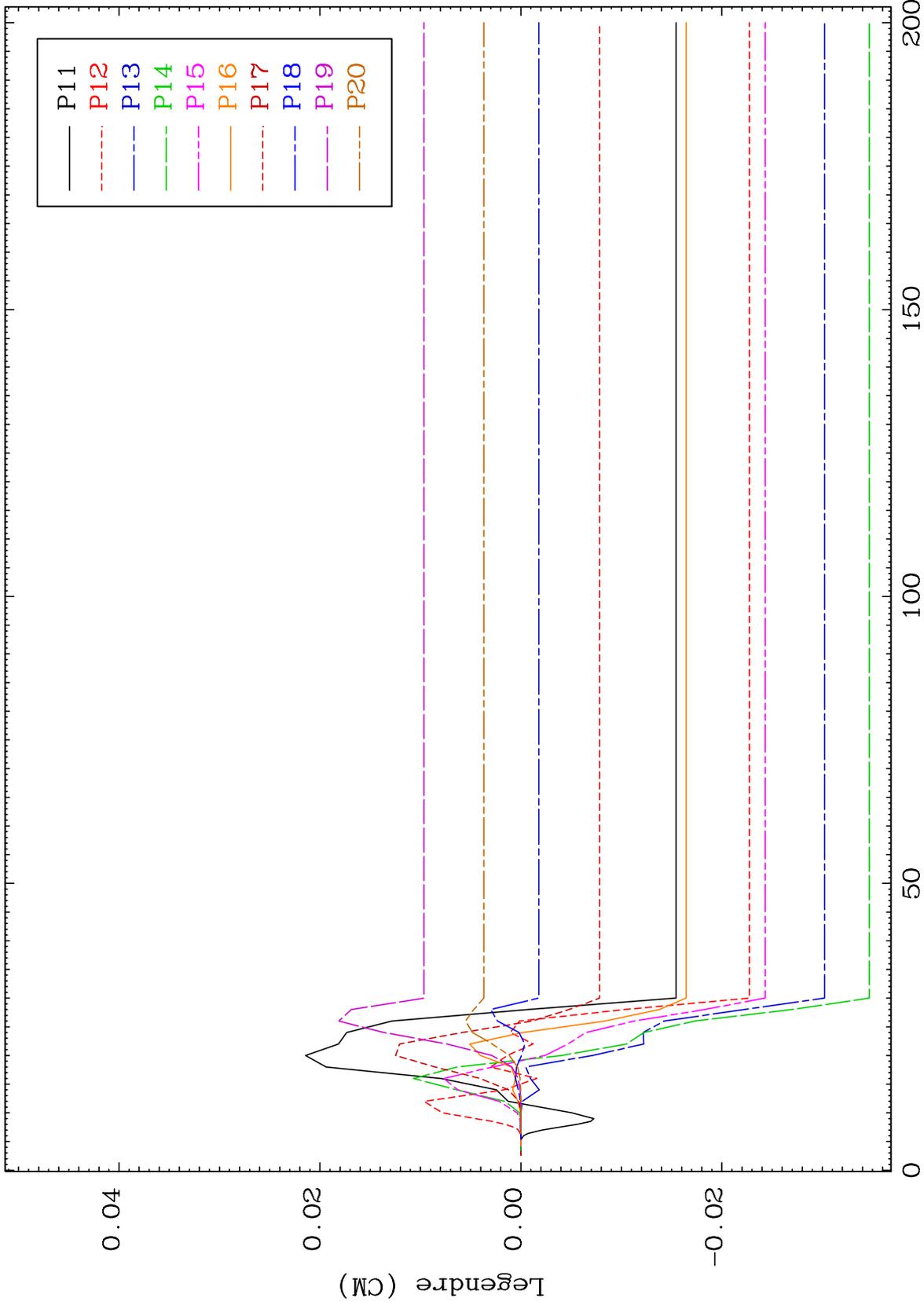
82-Pb-205



MAT 8228

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

82-Pb-205



105

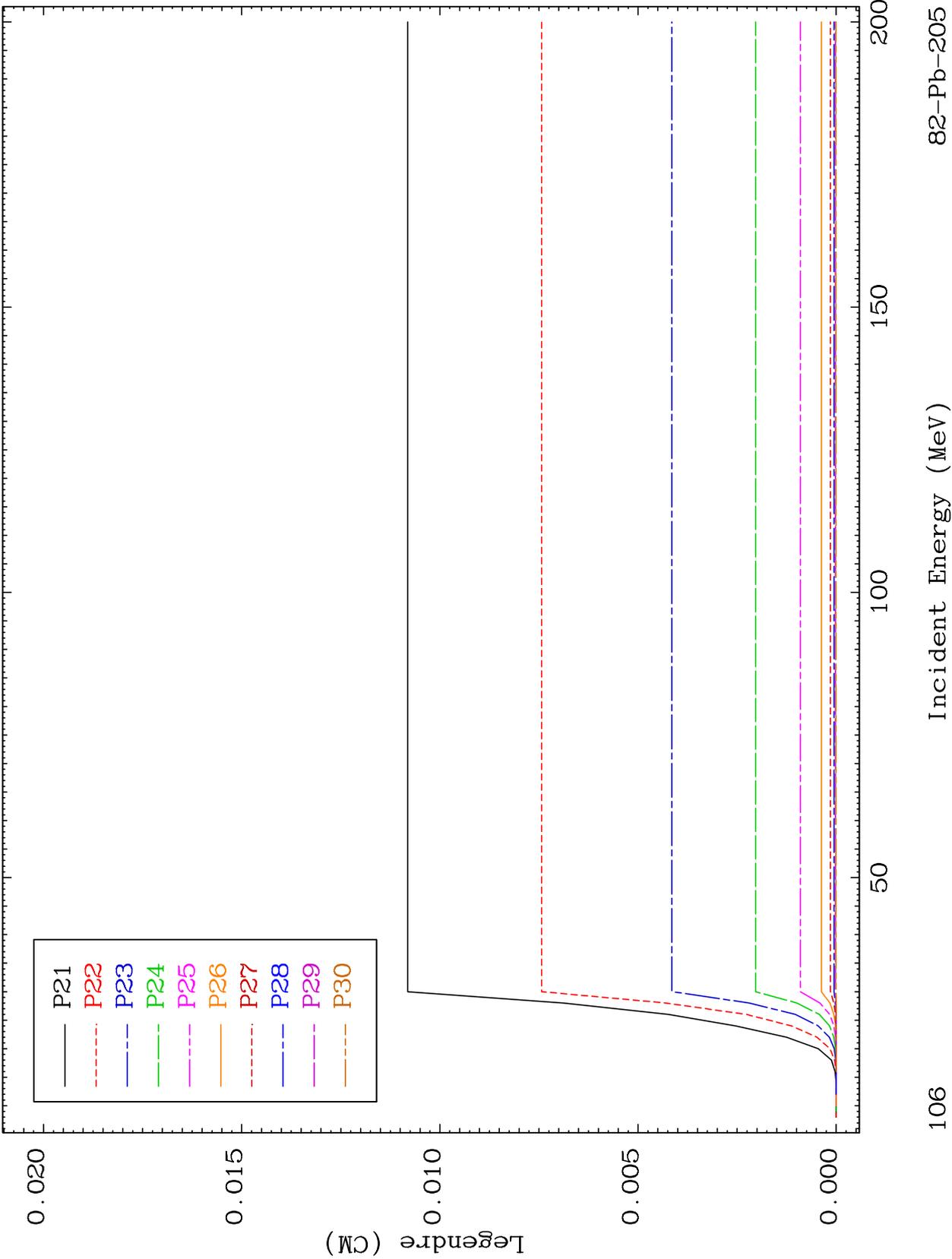
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



106

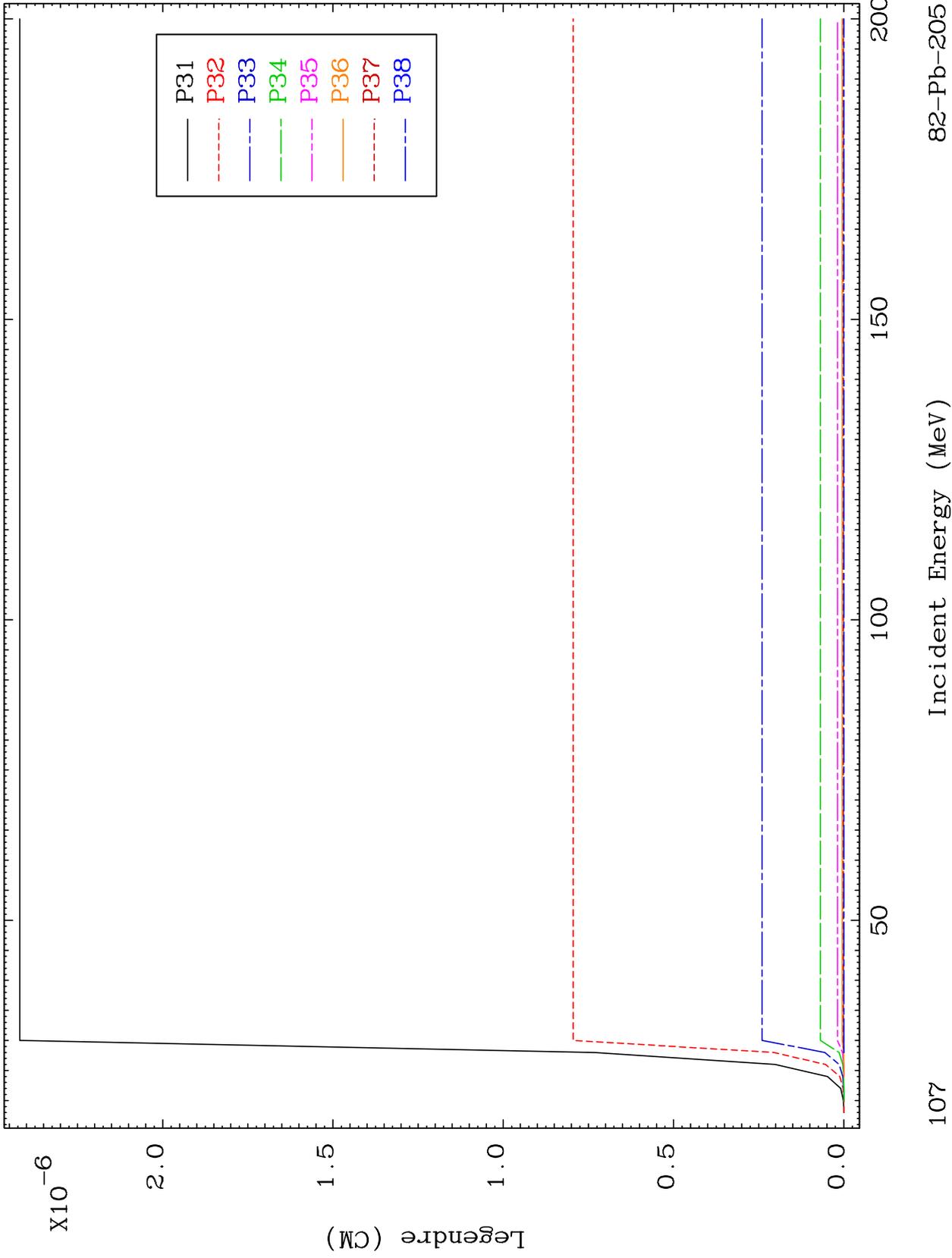
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205

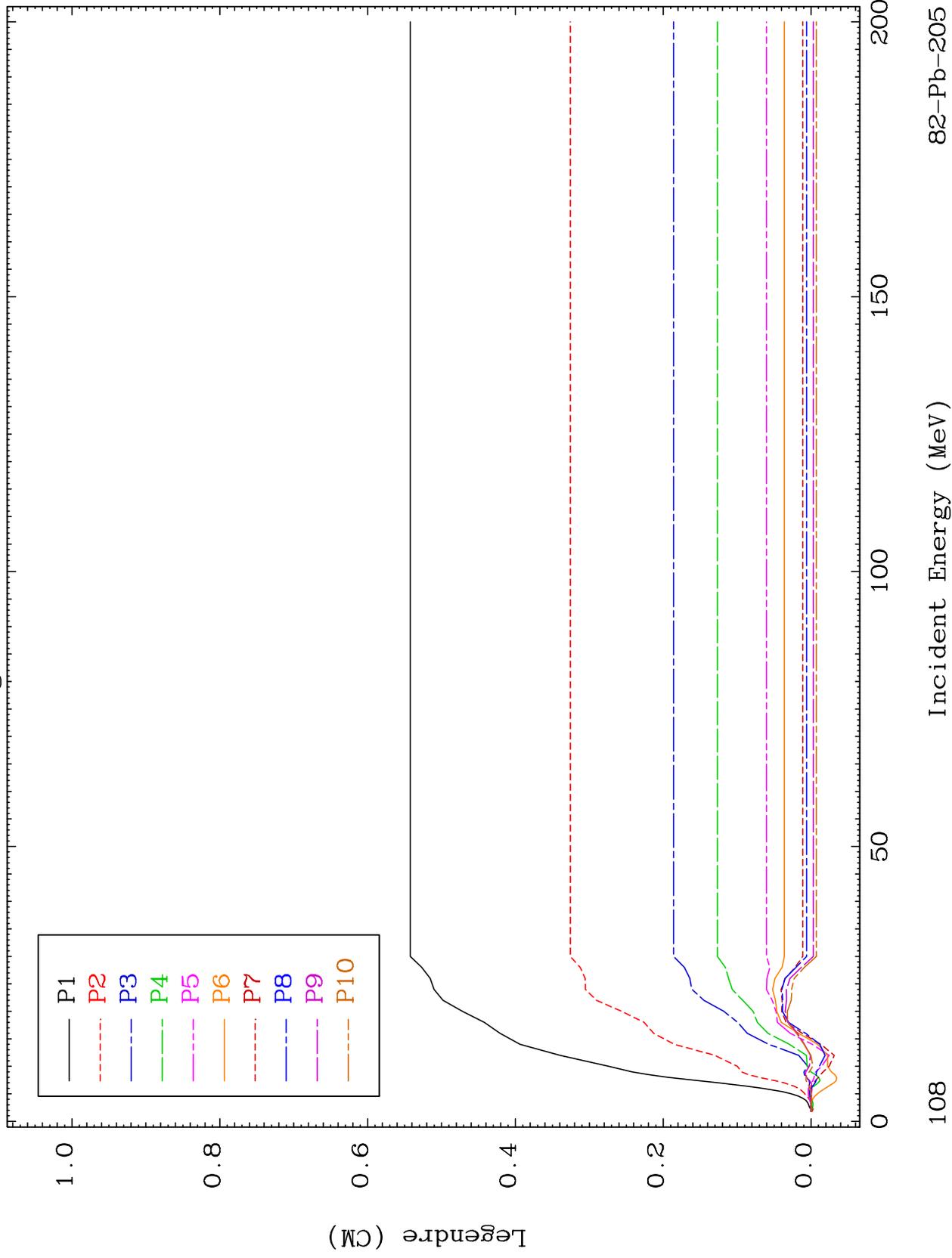


107

MAT 8228

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

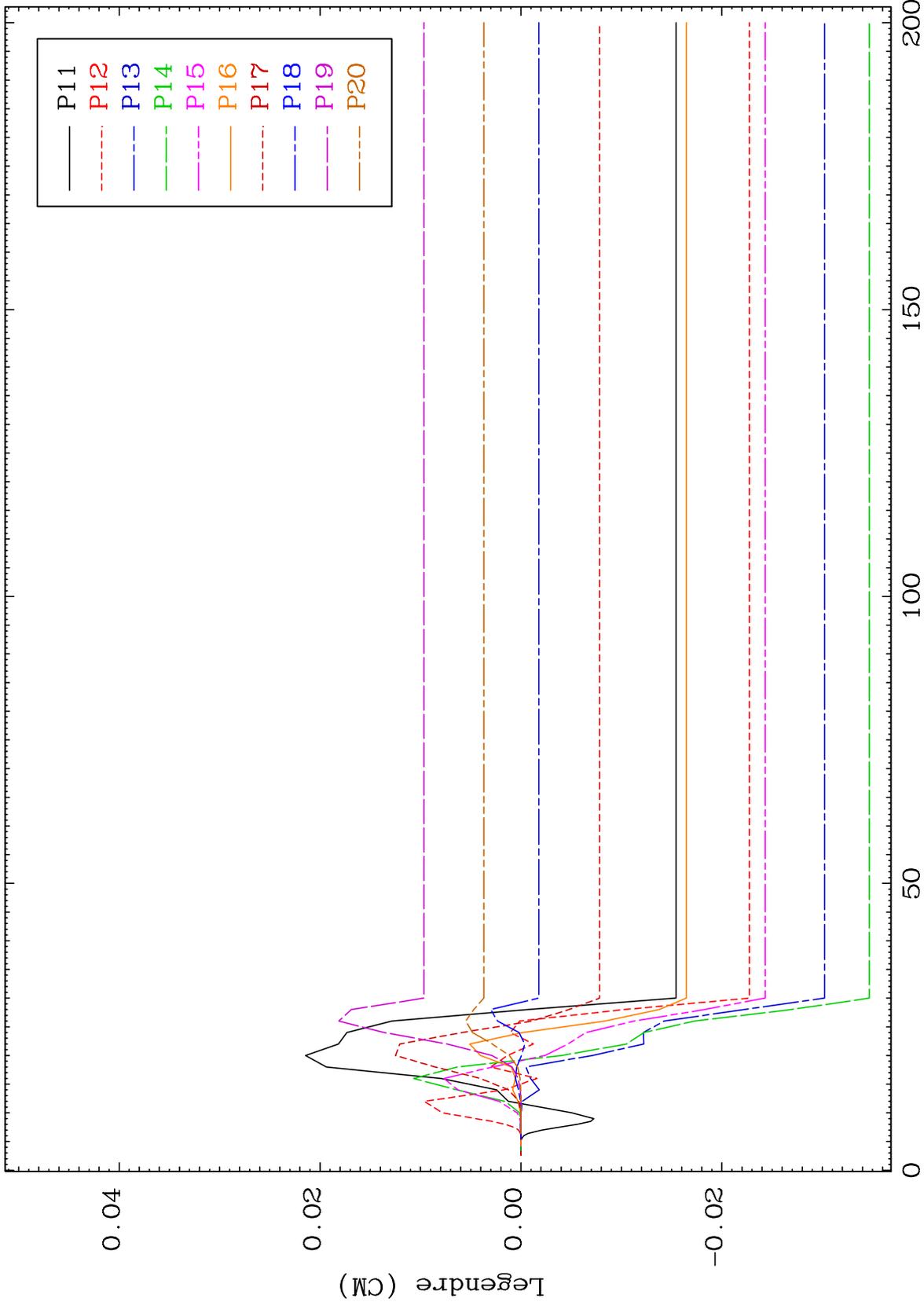
82-Pb-205



MAT 8228

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

82-Pb-205



109

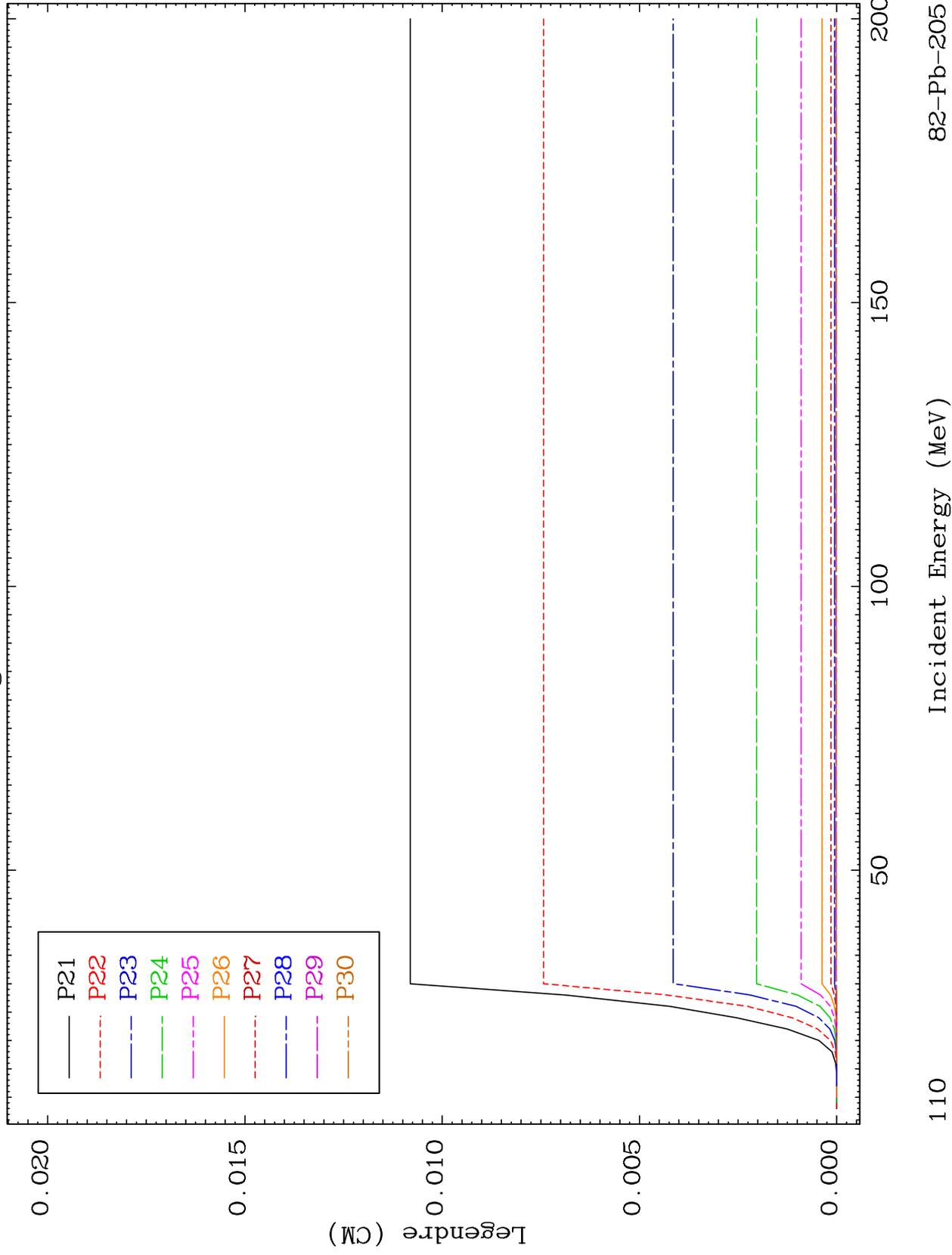
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



110

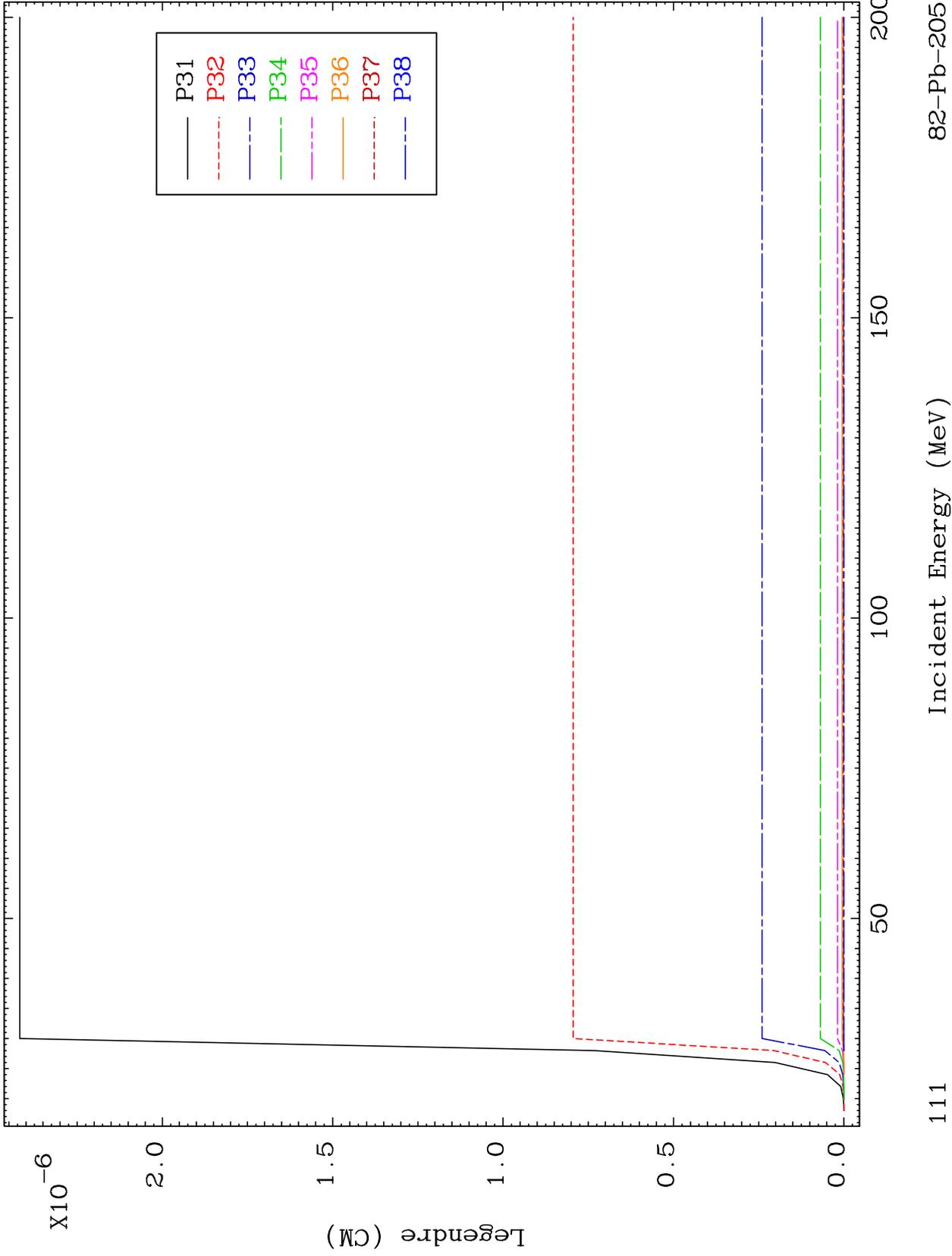
Incident Energy (MeV)

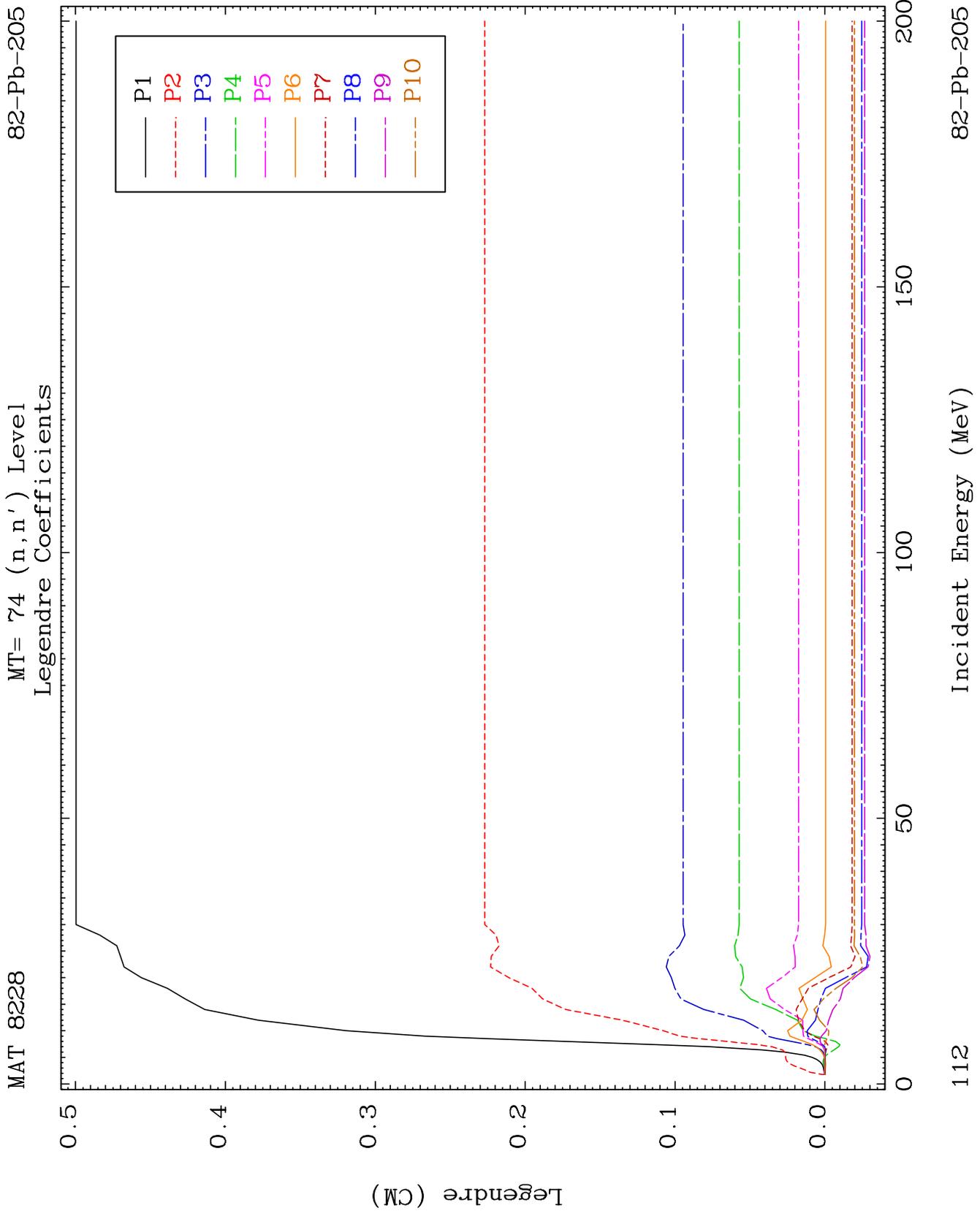
82-Pb-205

MAT 8228

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

82-Pb-205





82-Pb-205

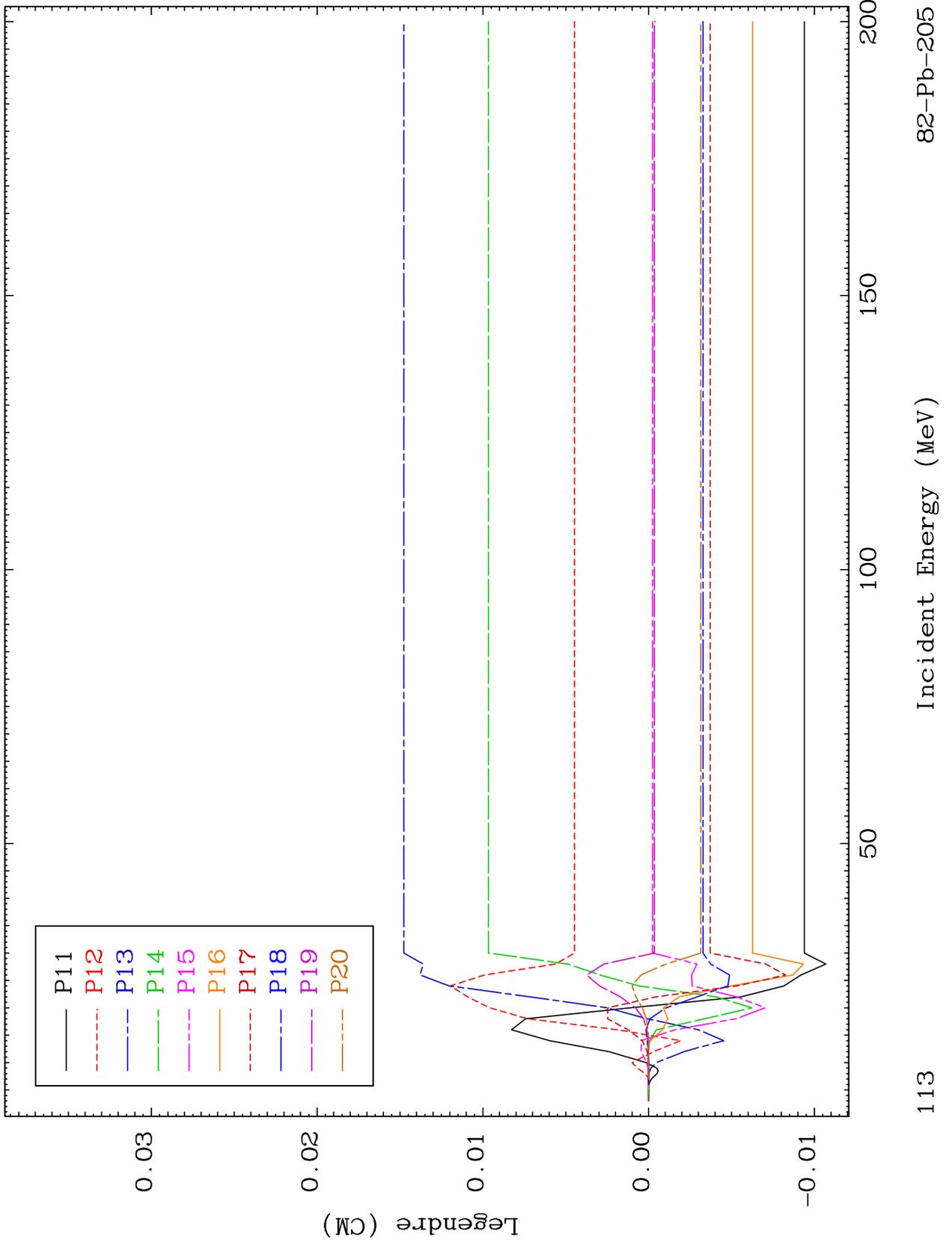
Incident Energy (MeV)

112

MAT 8228

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

82-Pb-205



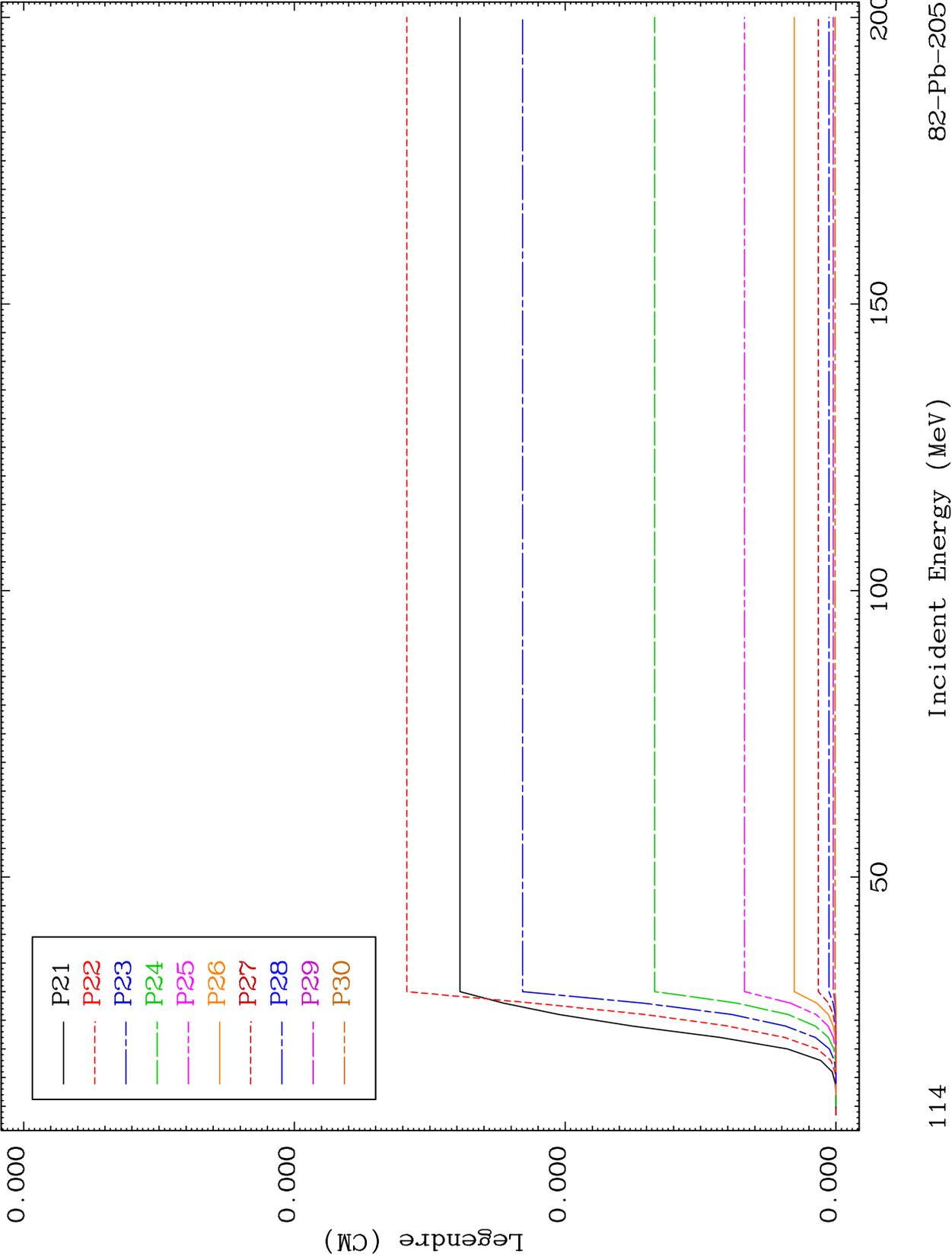
113

82-Pb-205

MAT 8228

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

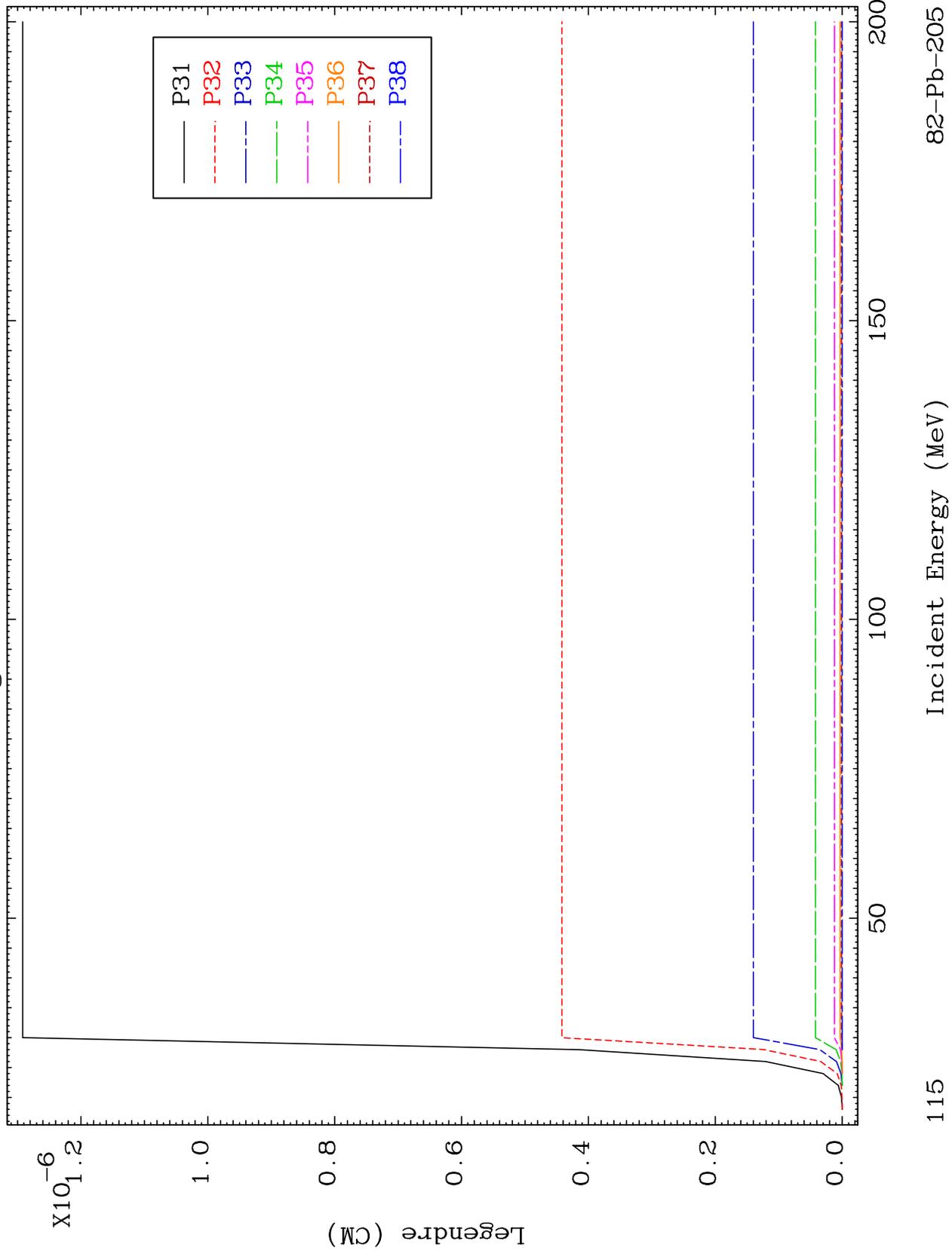
82-Pb-205



MAT 8228

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

82-Pb-205



115

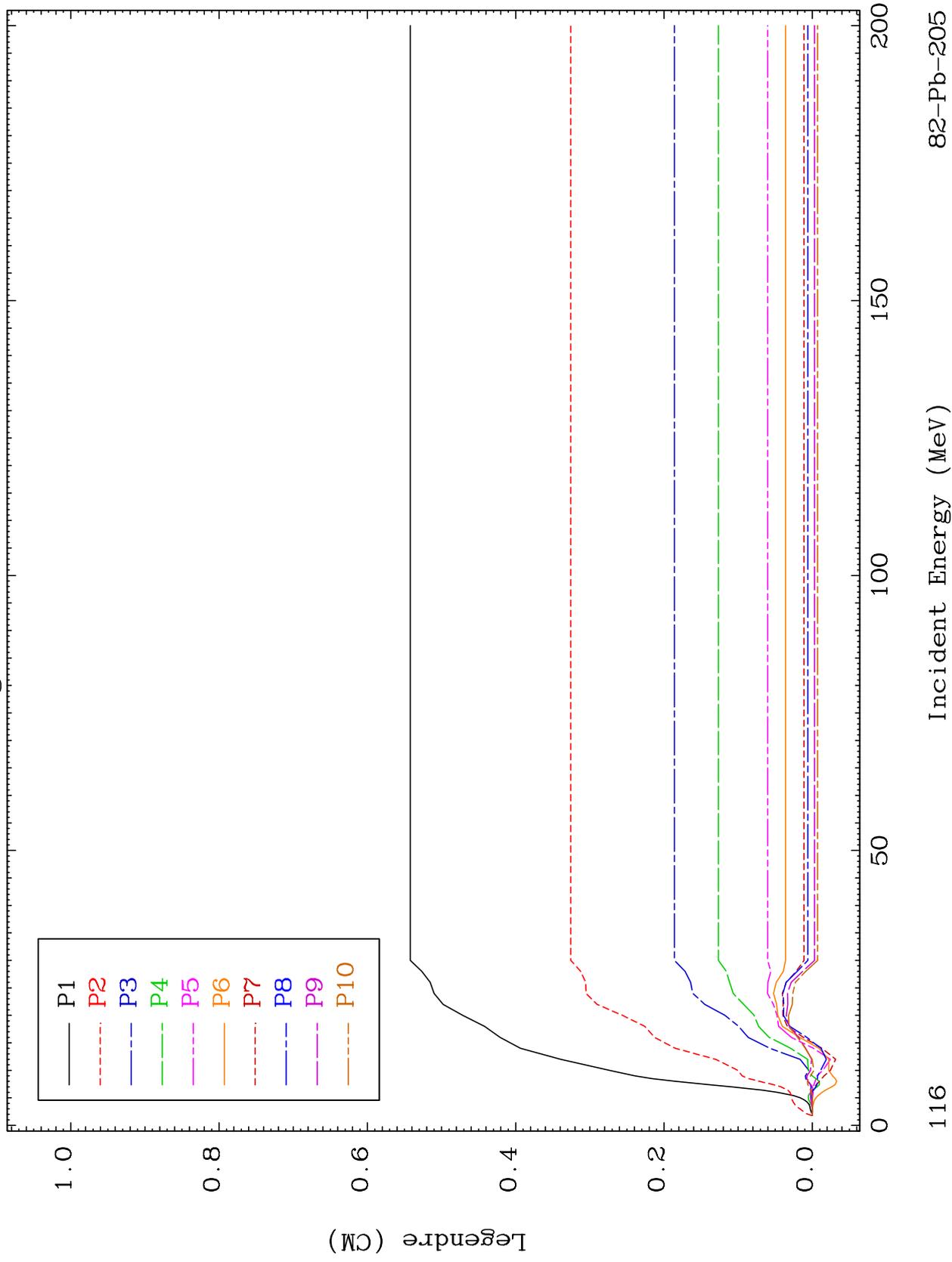
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

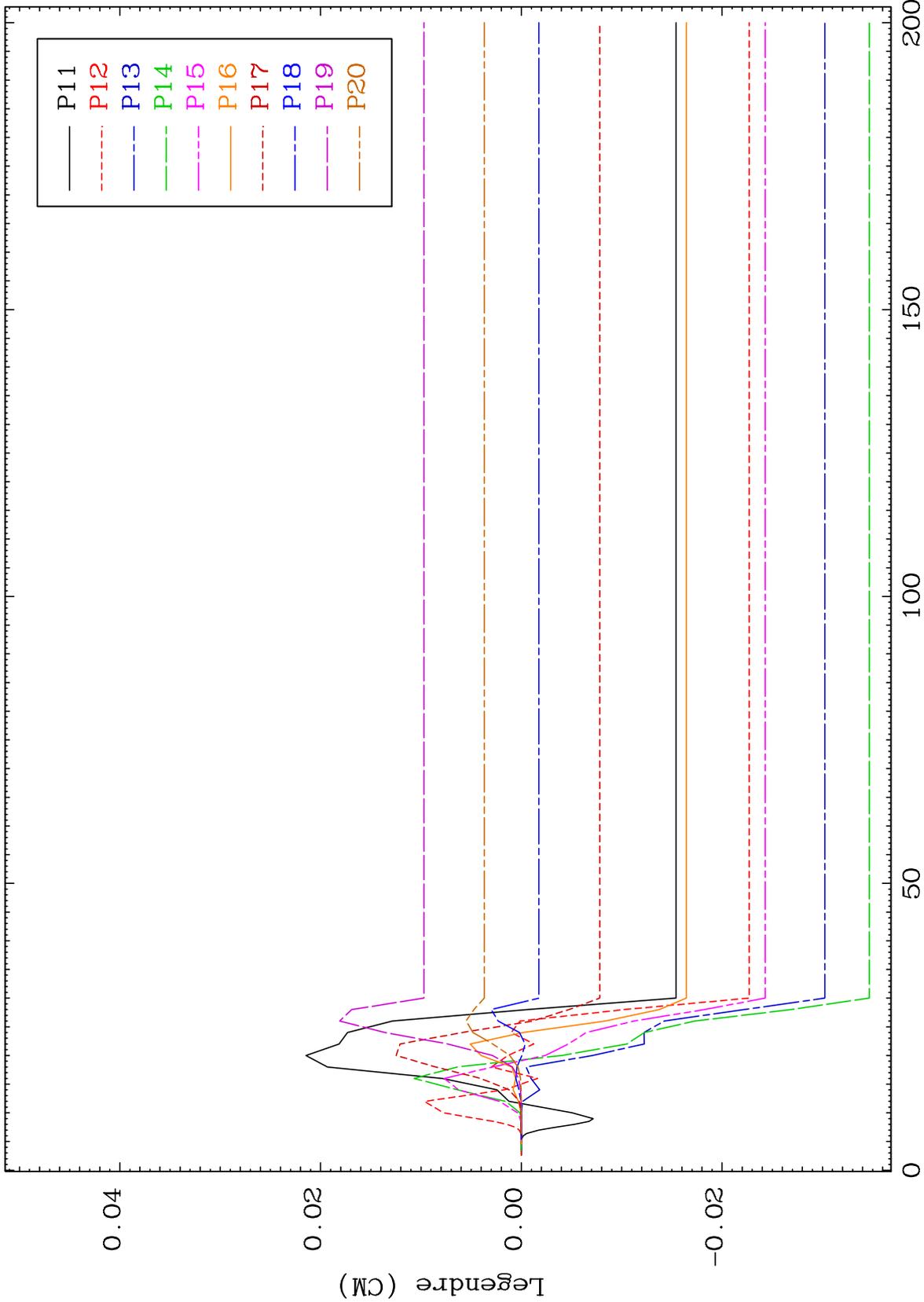
82-Pb-205



MAT 8228

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

82-Pb-205



117

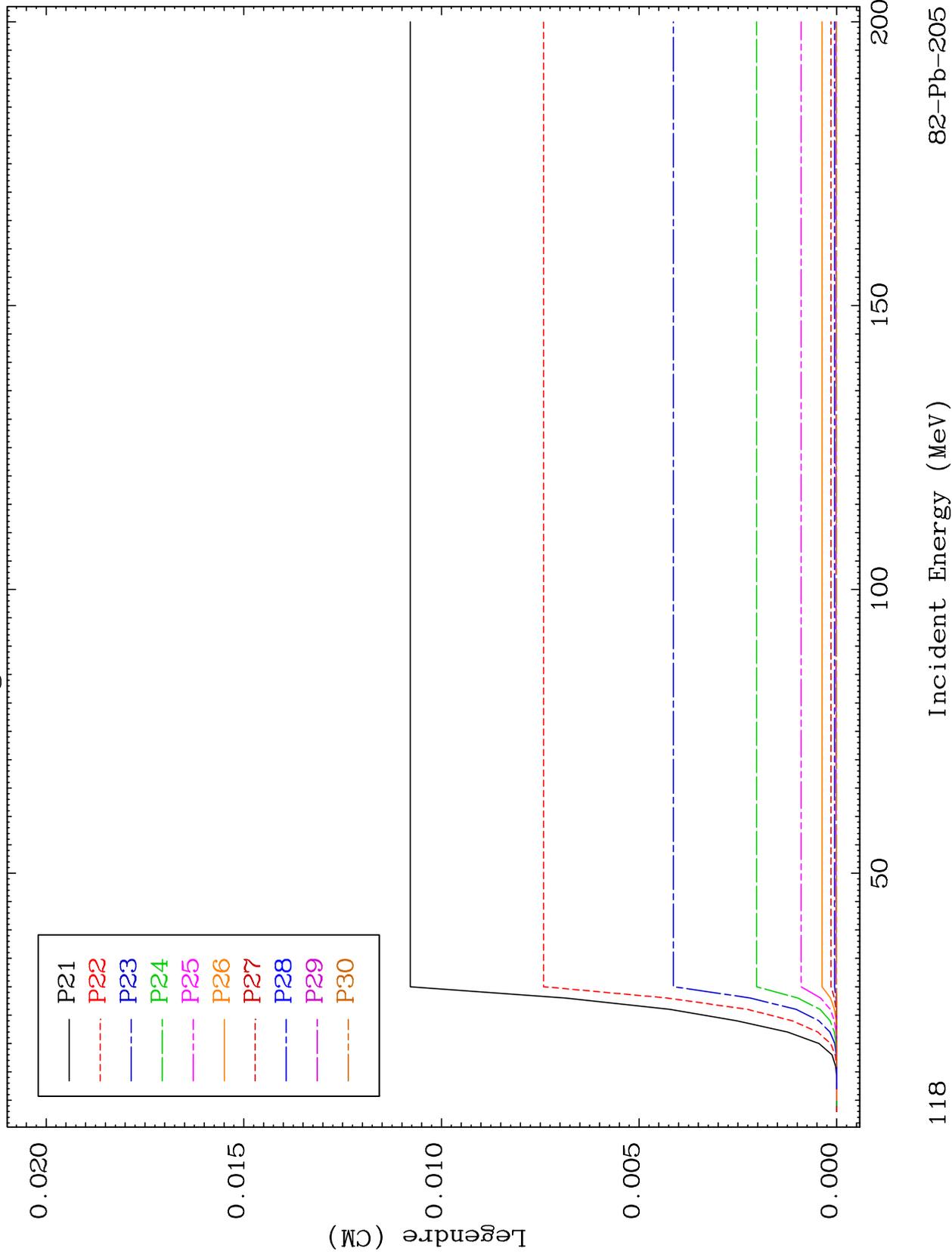
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



118

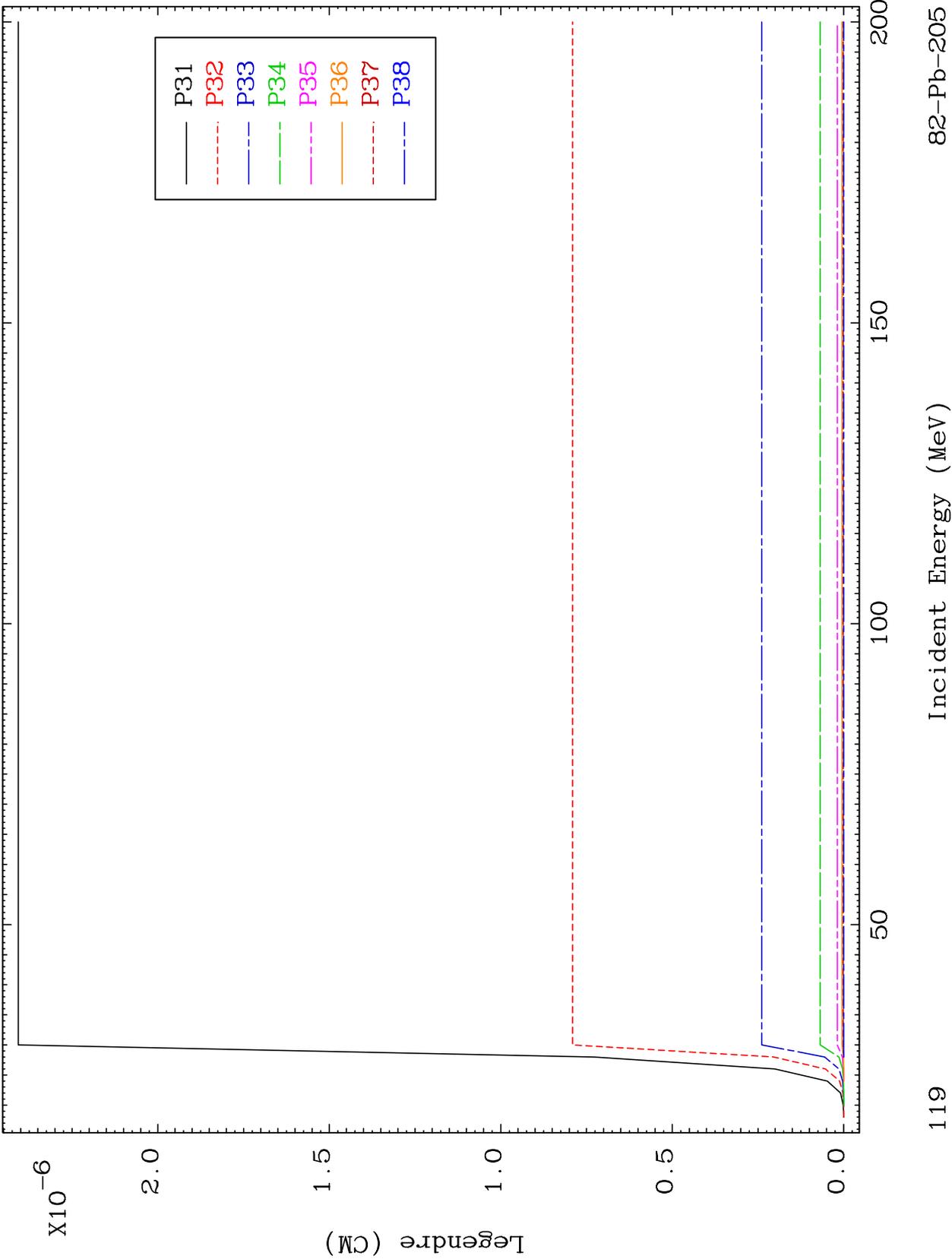
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205

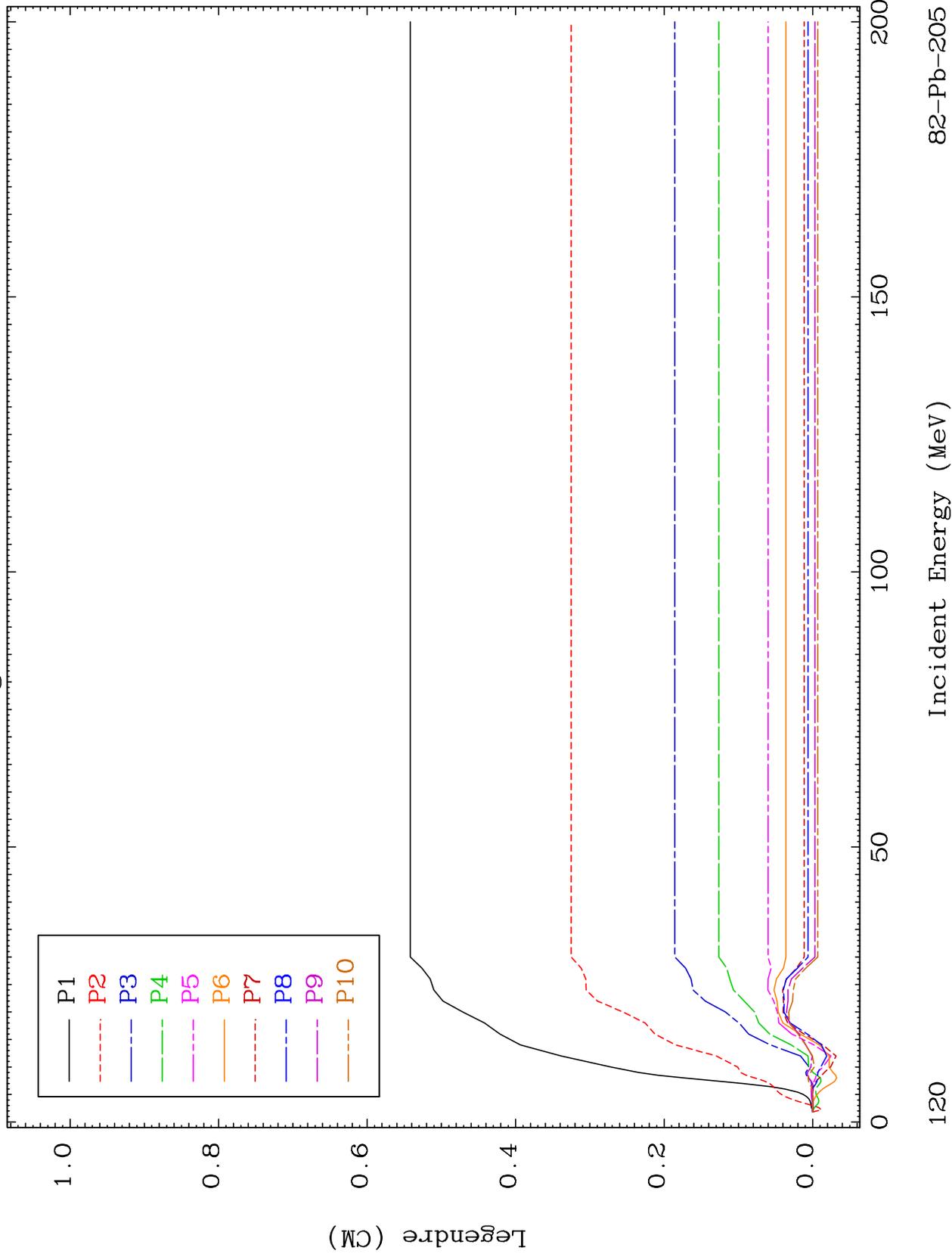


119

MAT 8228

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

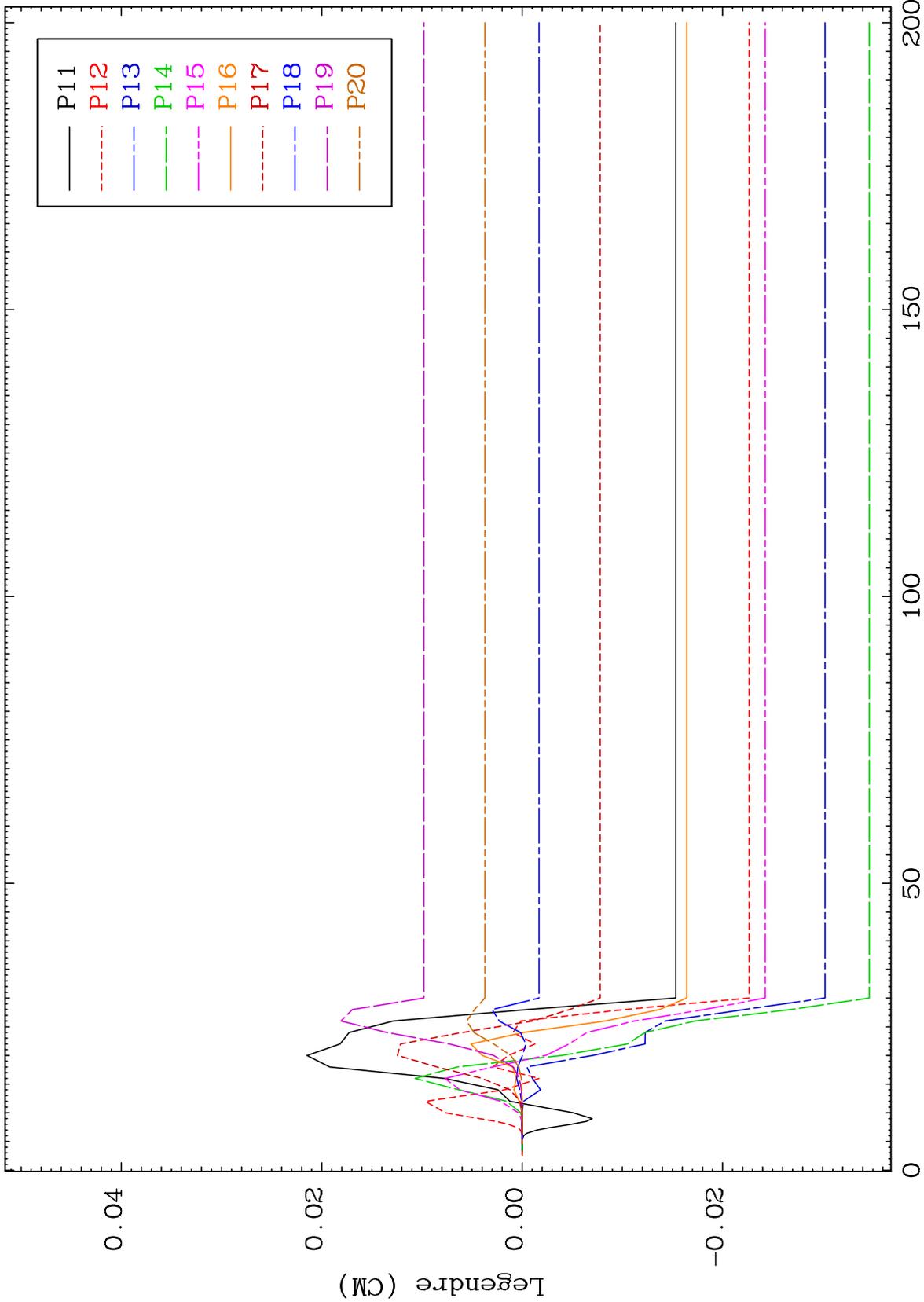
82-Pb-205



MAT 8228

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

82-Pb-205



121

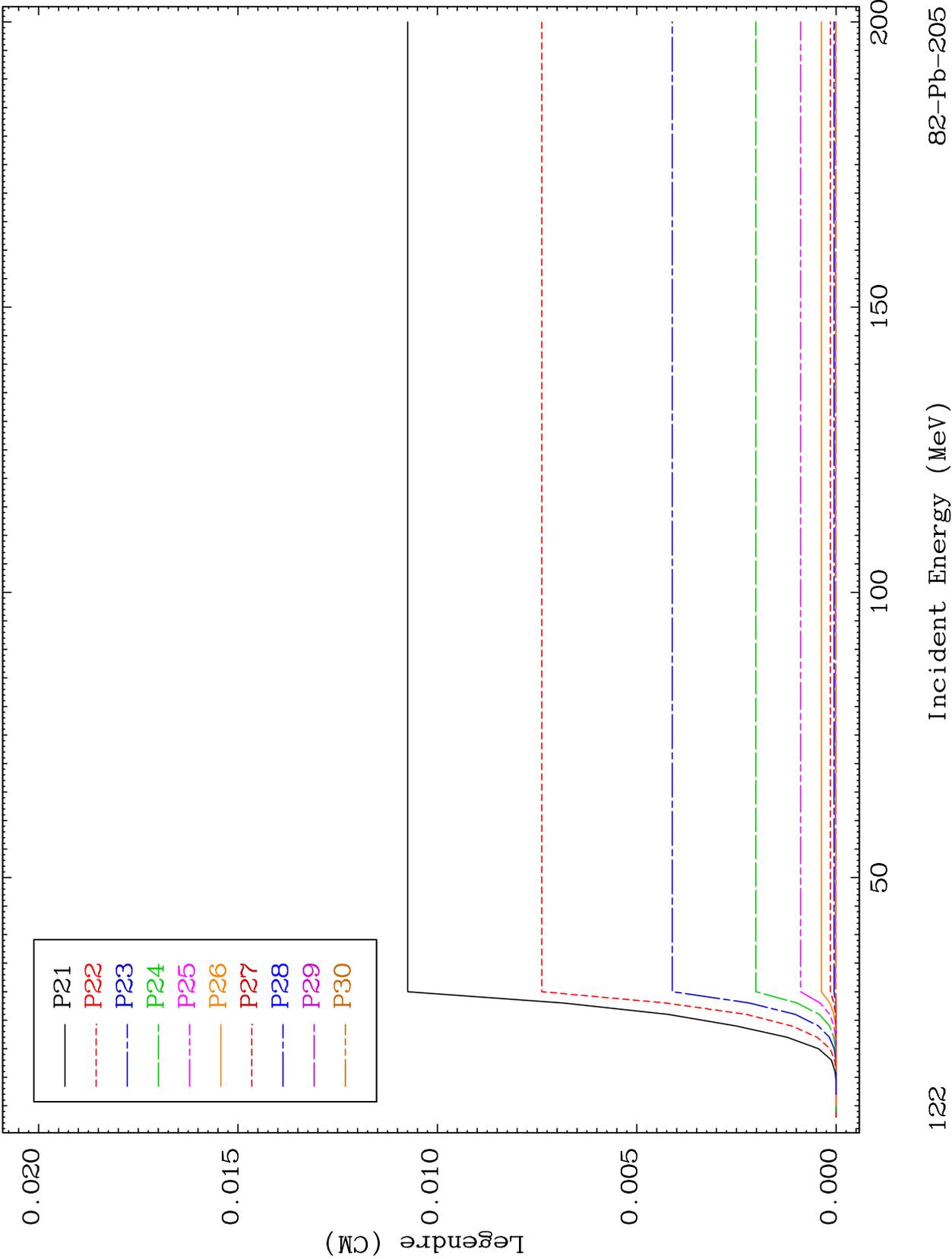
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



122

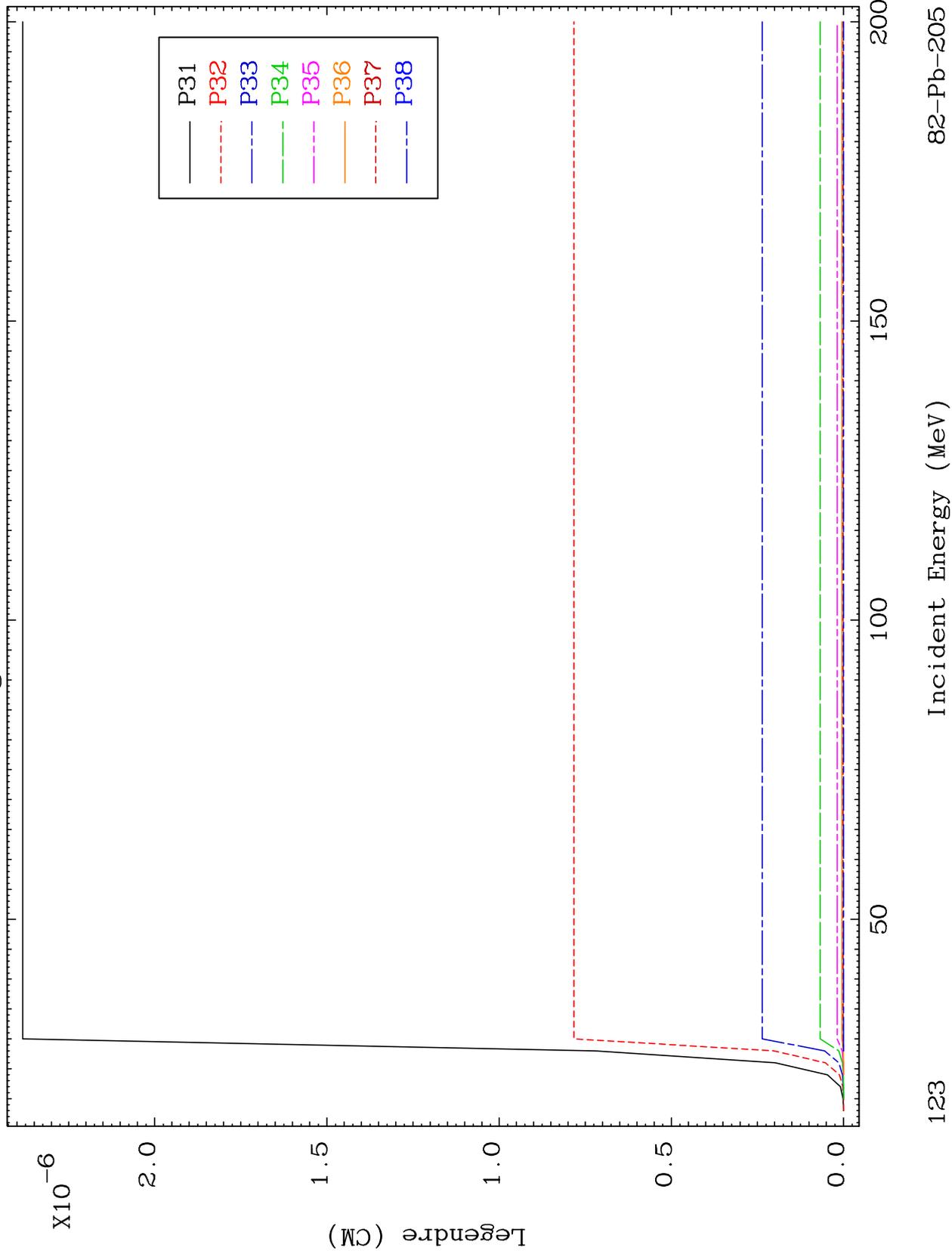
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205

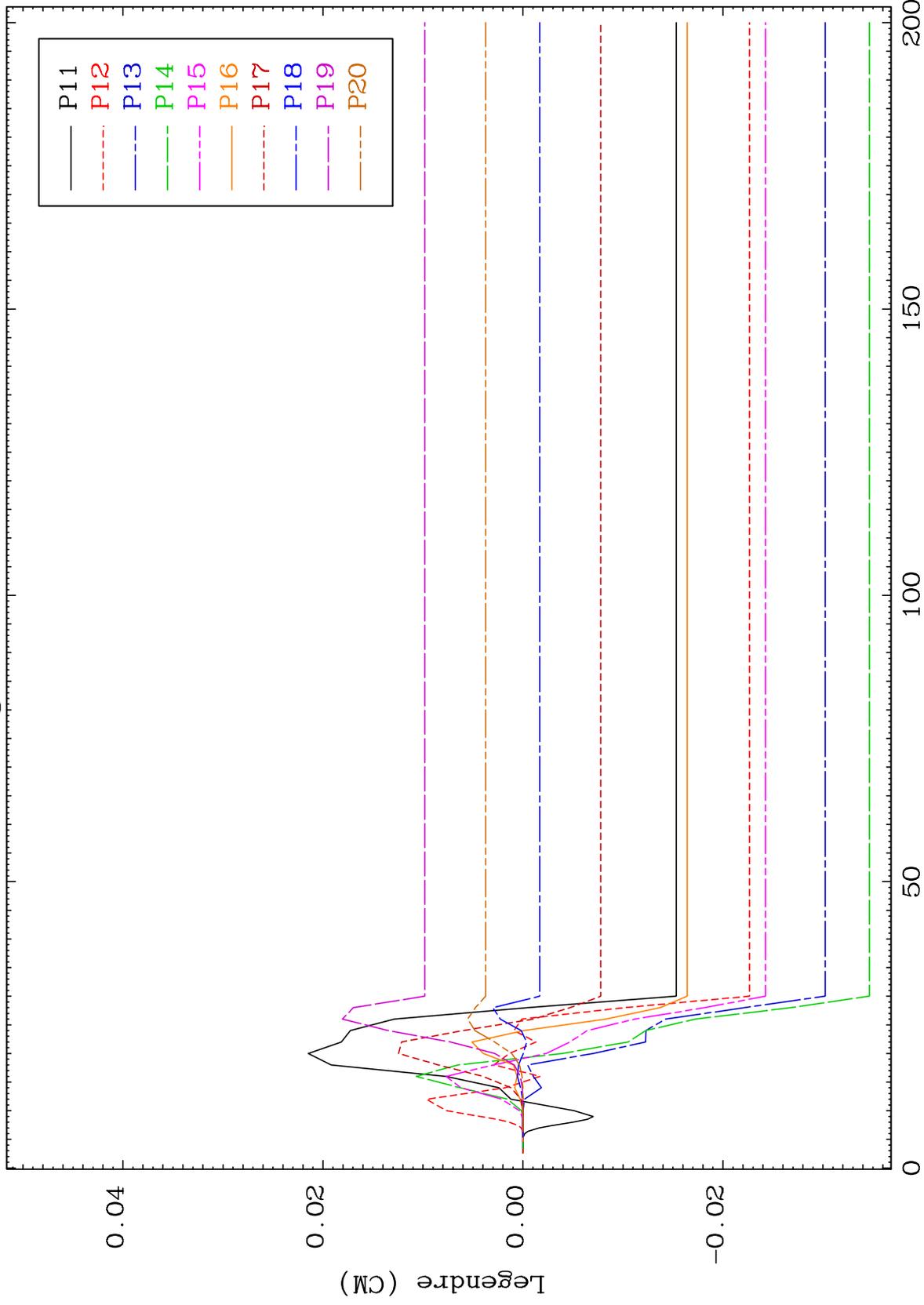


123

MAT 8228

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

82-Pb-205



125

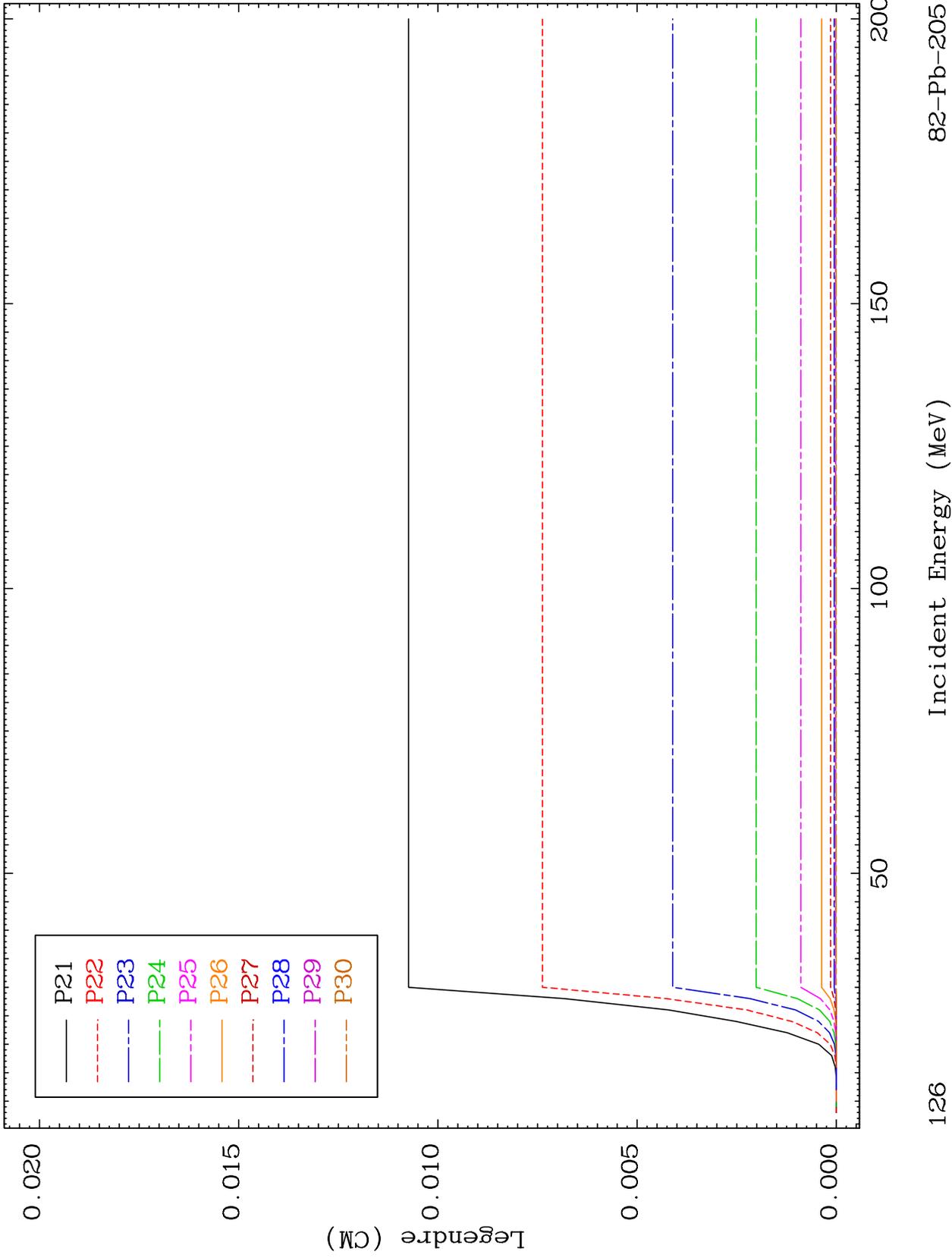
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



126

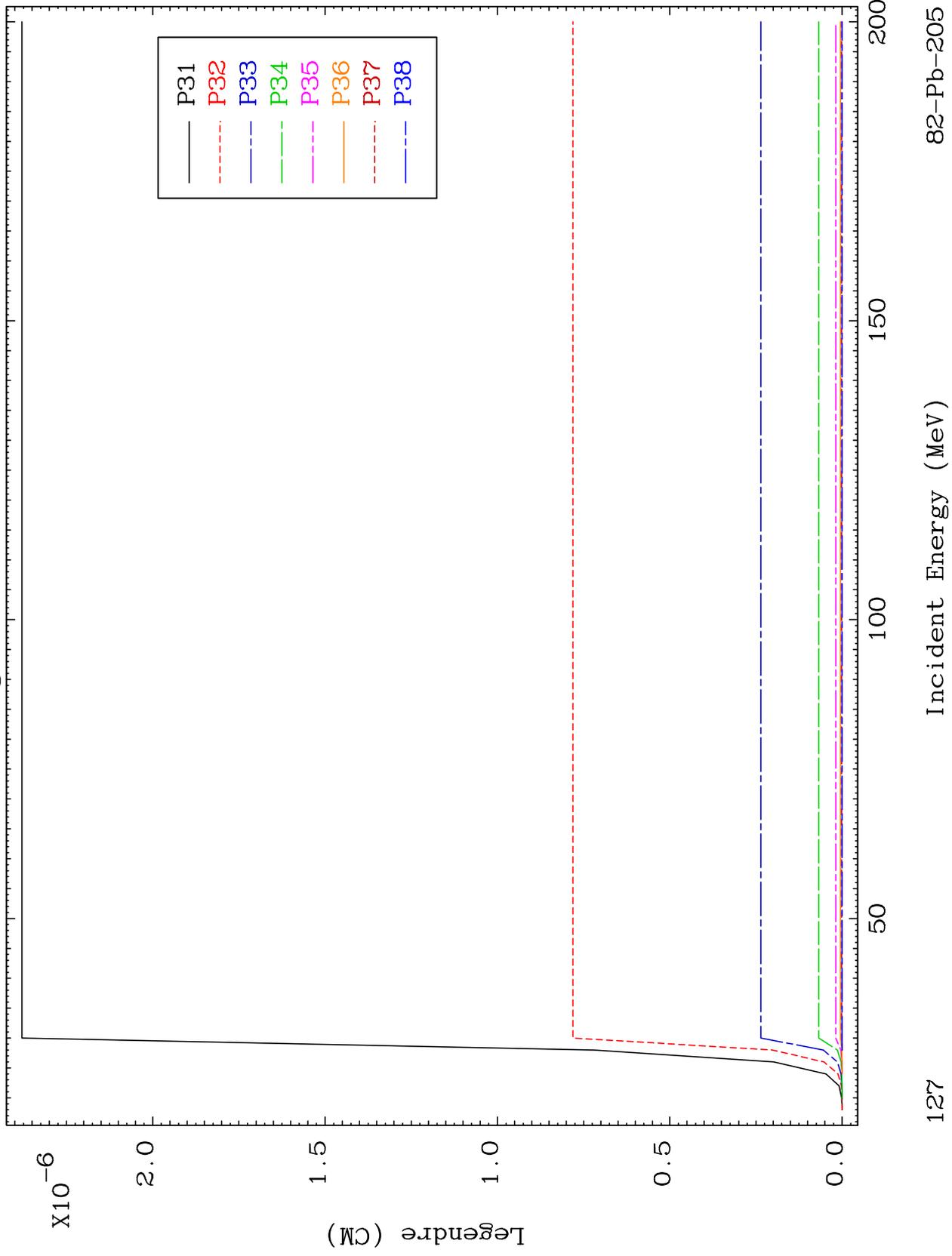
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205

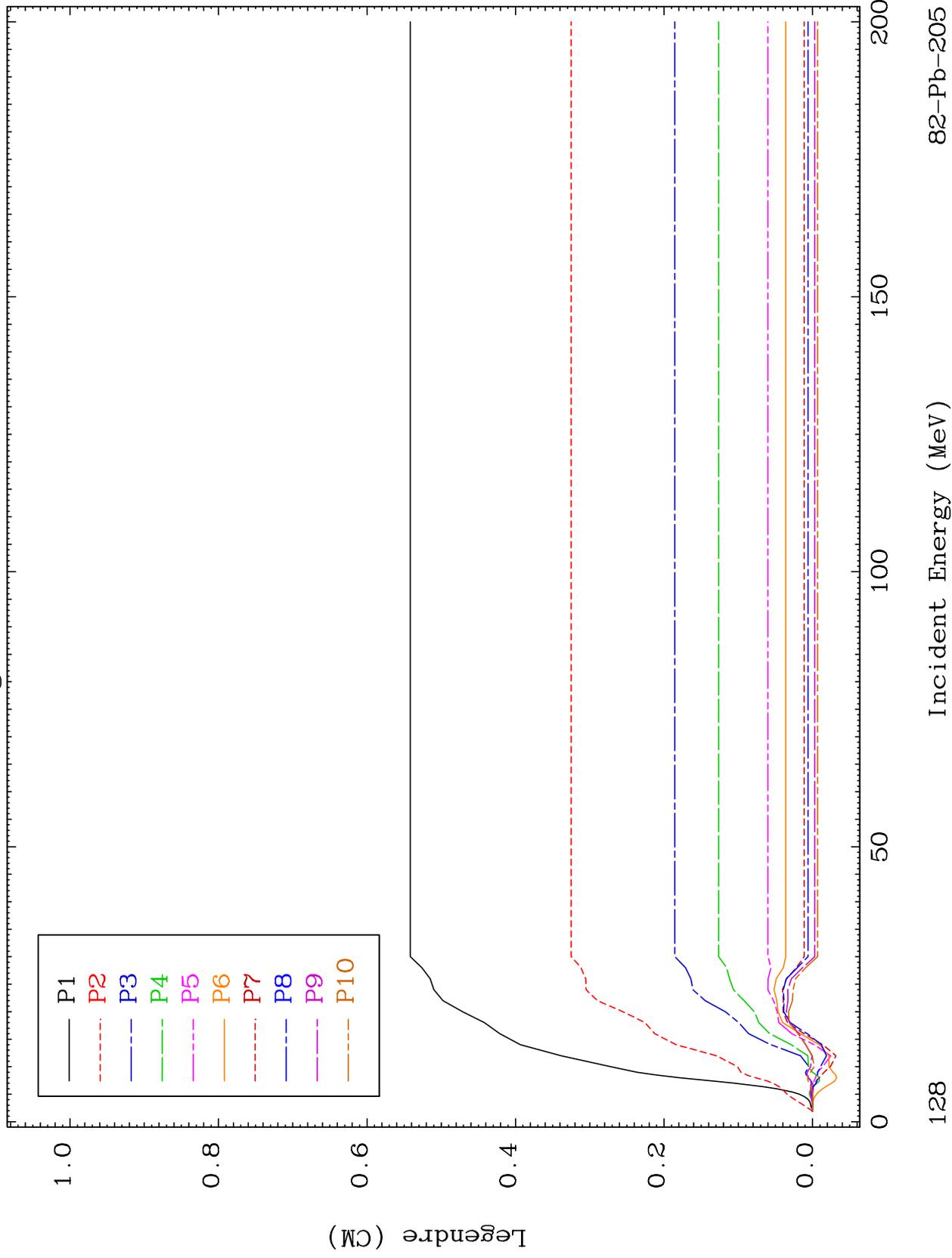


127

MAT 8228

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

82-Pb-205



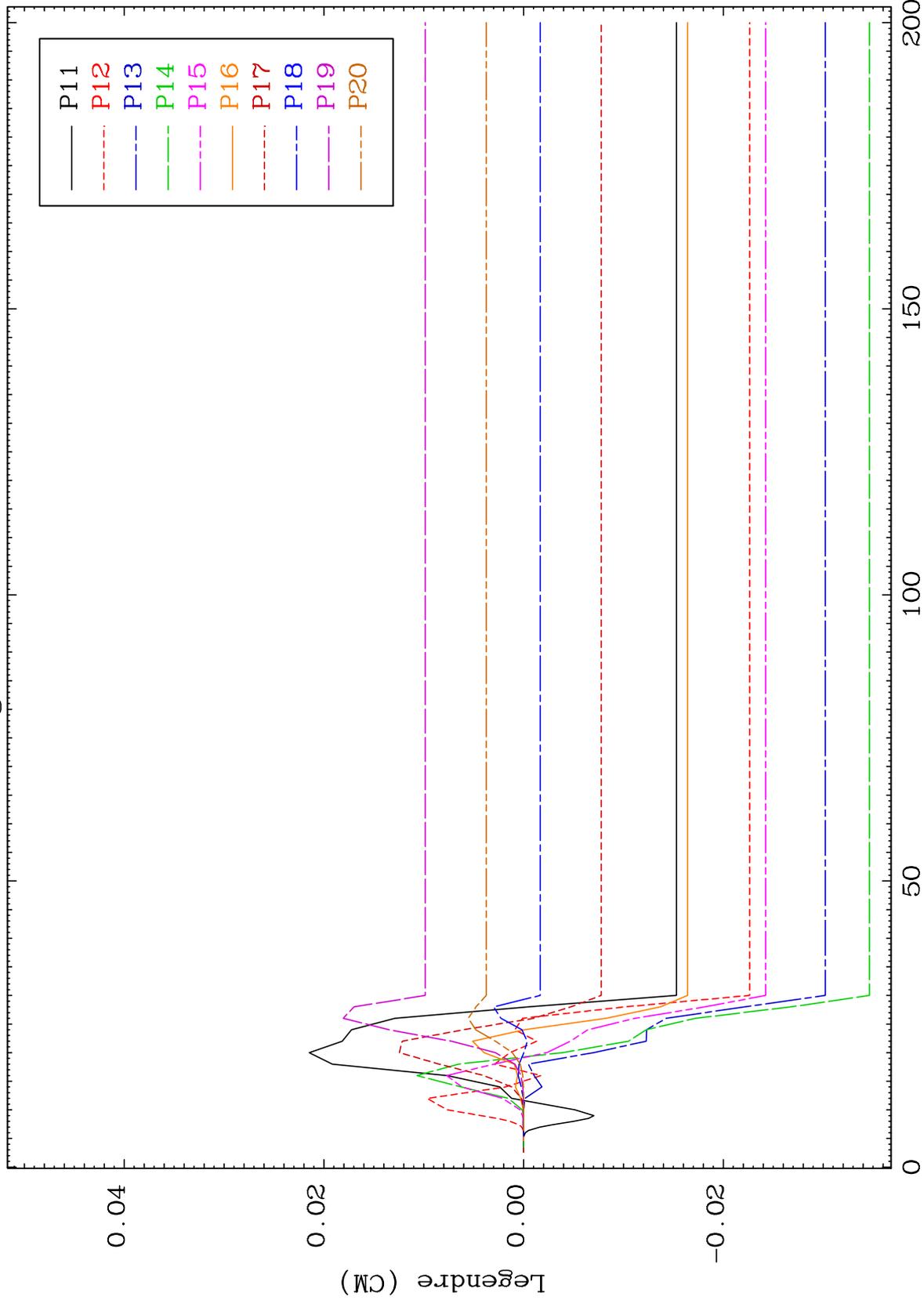
128

82-Pb-205

MAT 8228

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

82-Pb-205



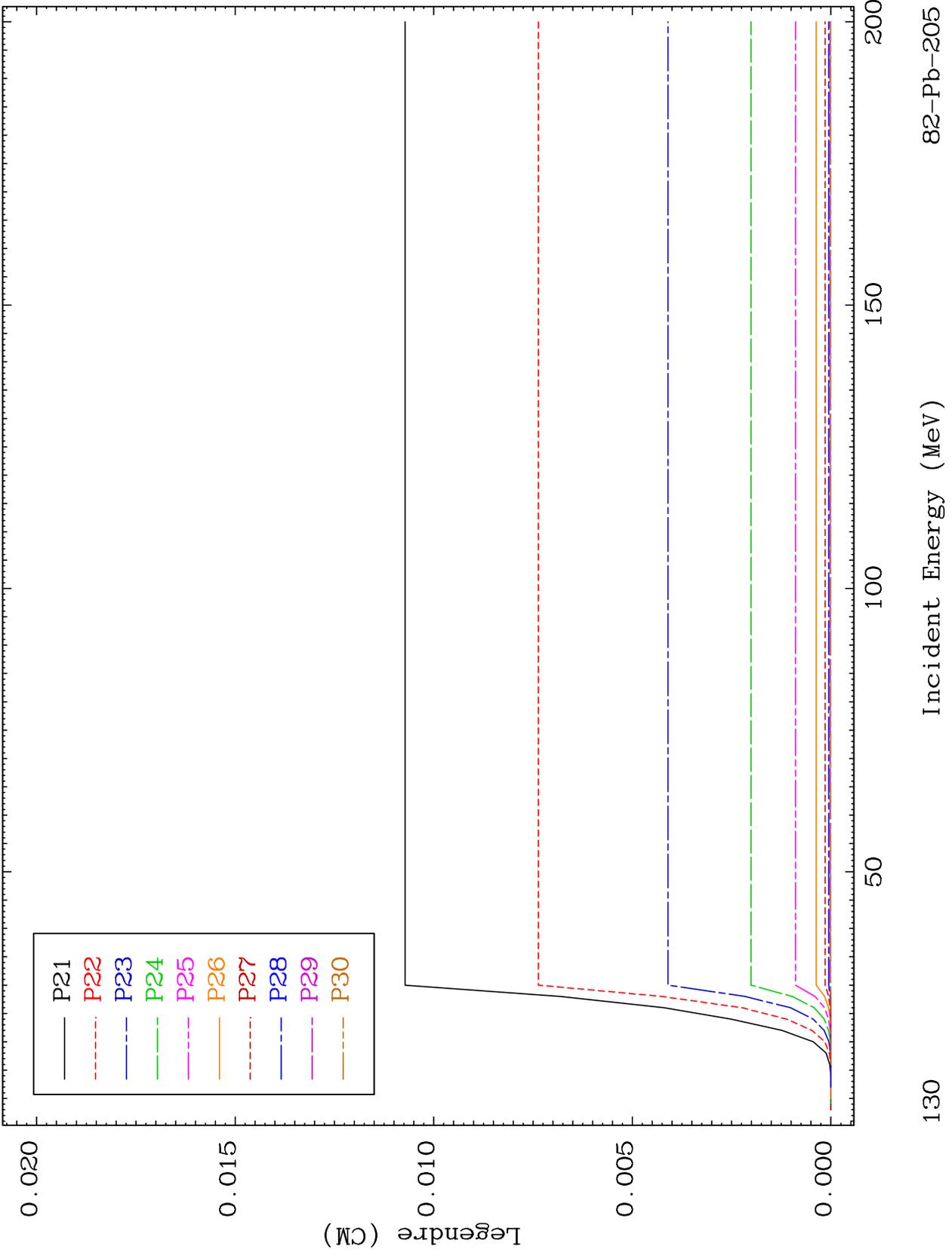
129

82-Pb-205

MAT 8228

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

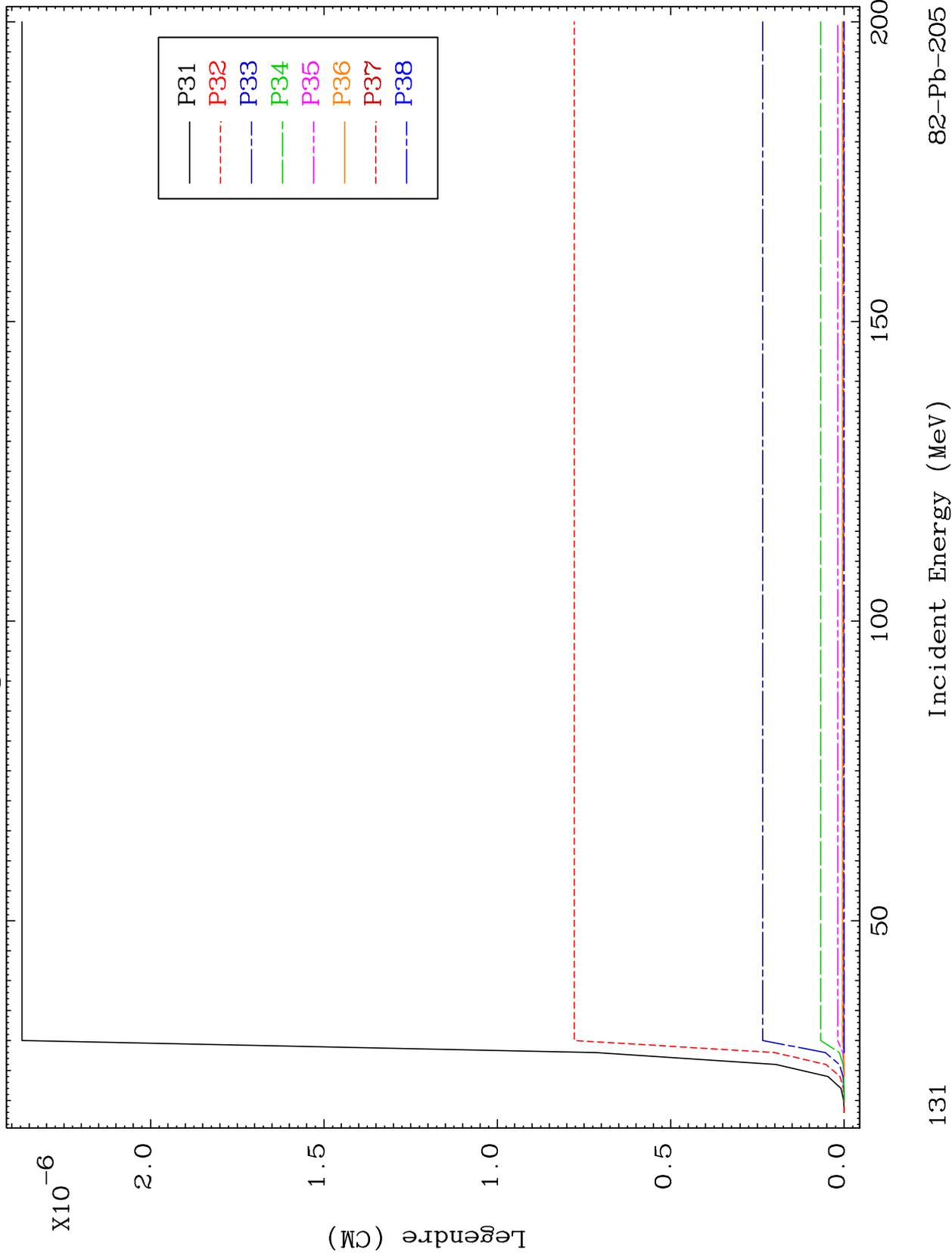
82-Pb-205



MAT 8228

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

82-Pb-205



131

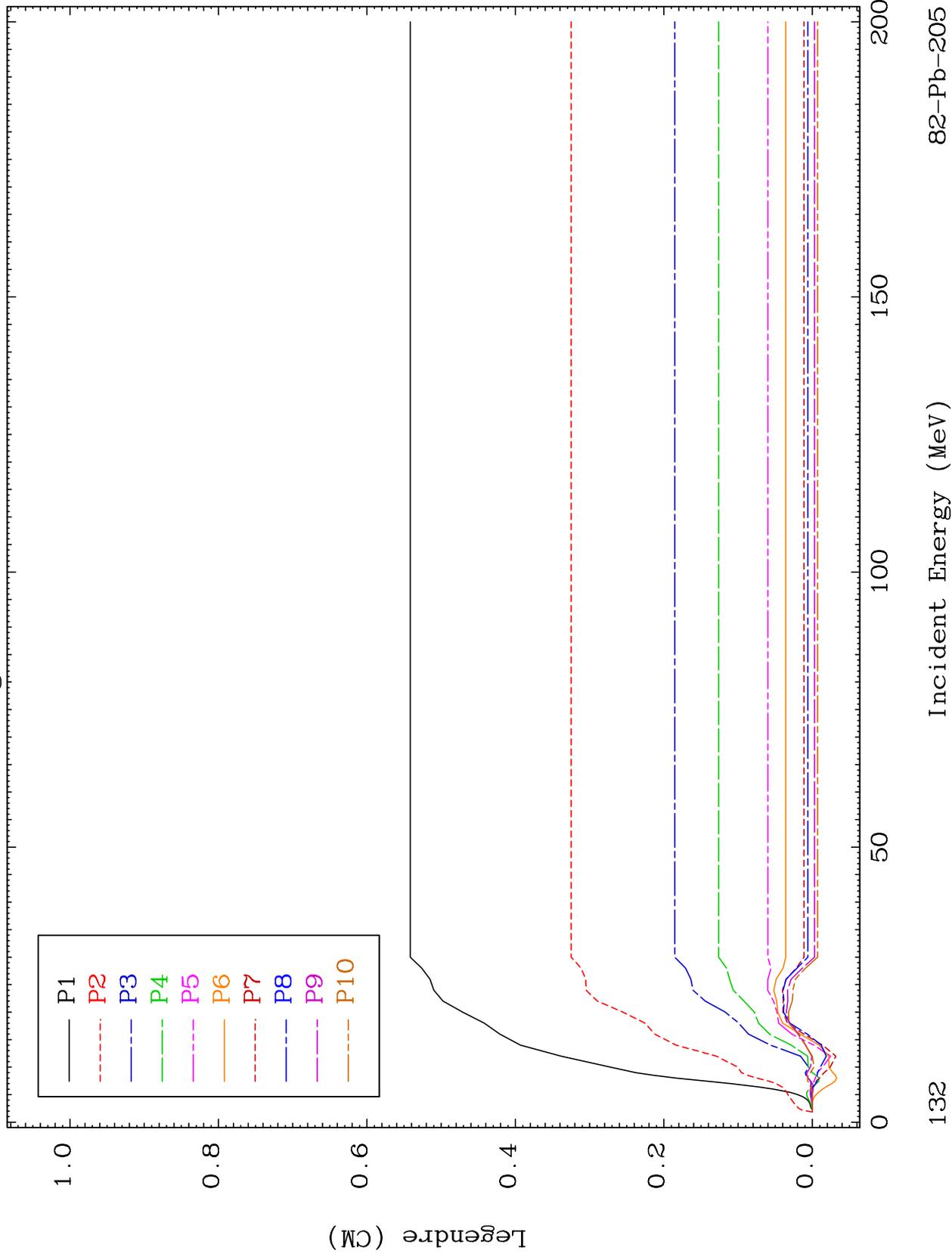
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

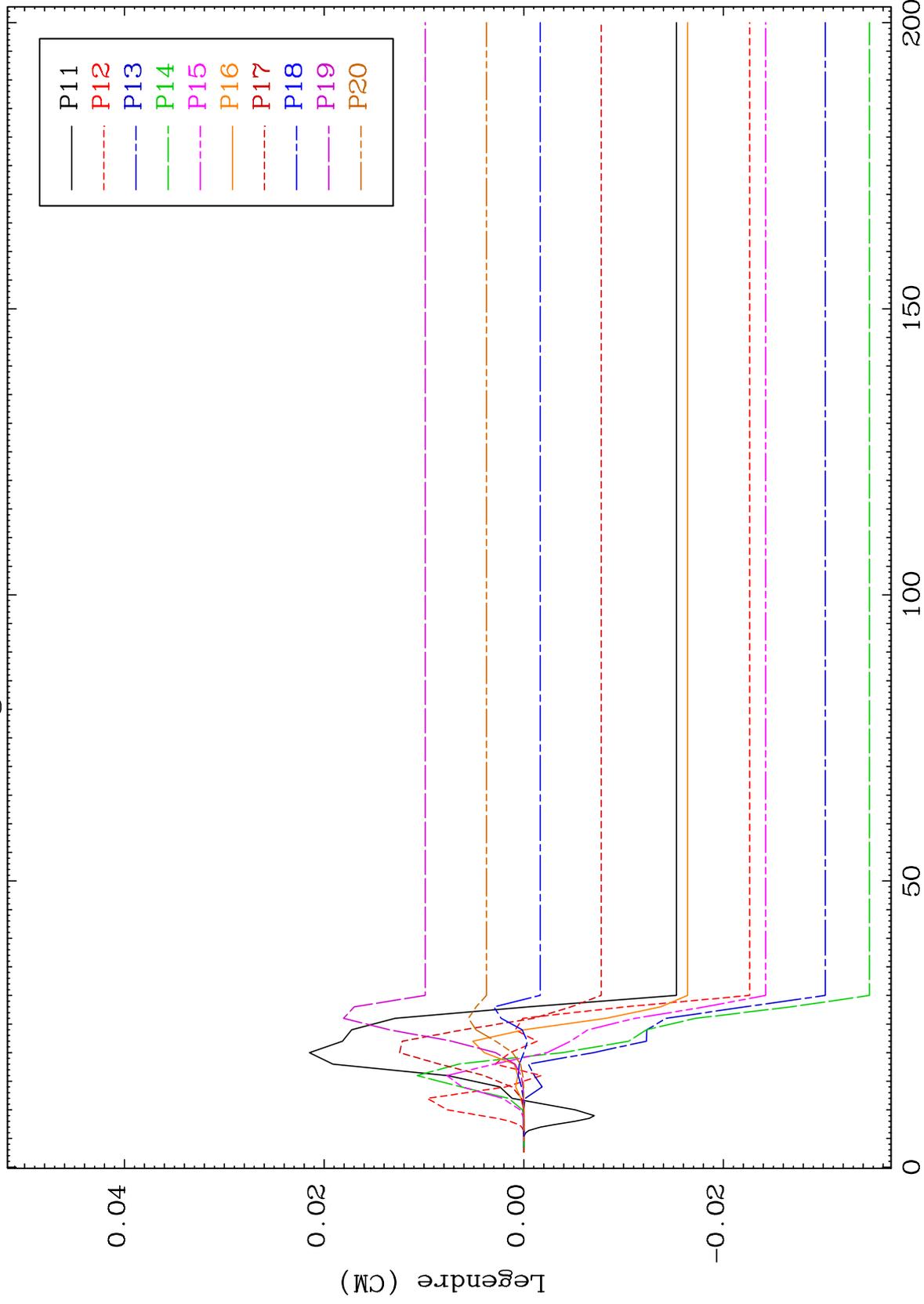
82-Pb-205



MAT 8228

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

82-Pb-205



133

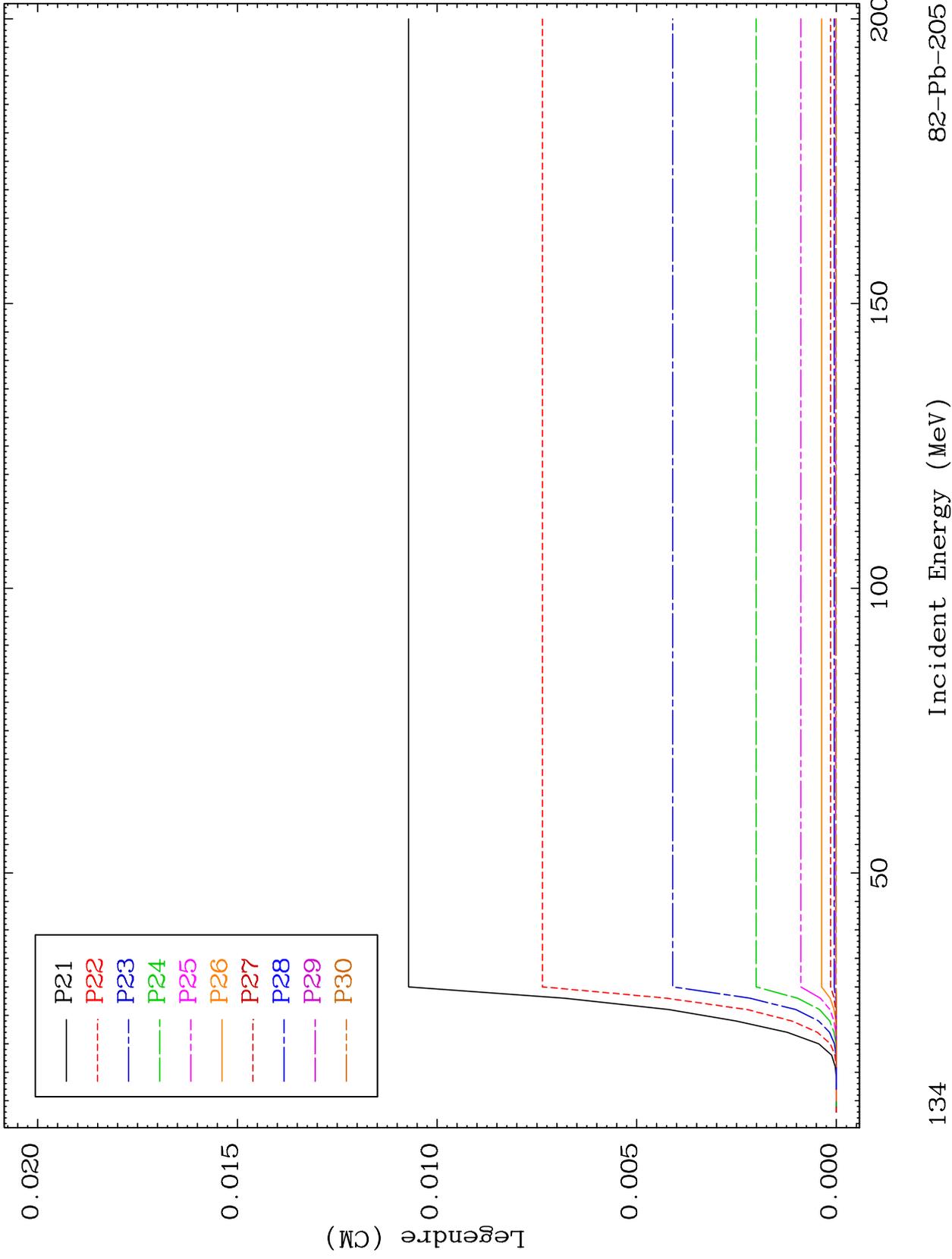
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



134

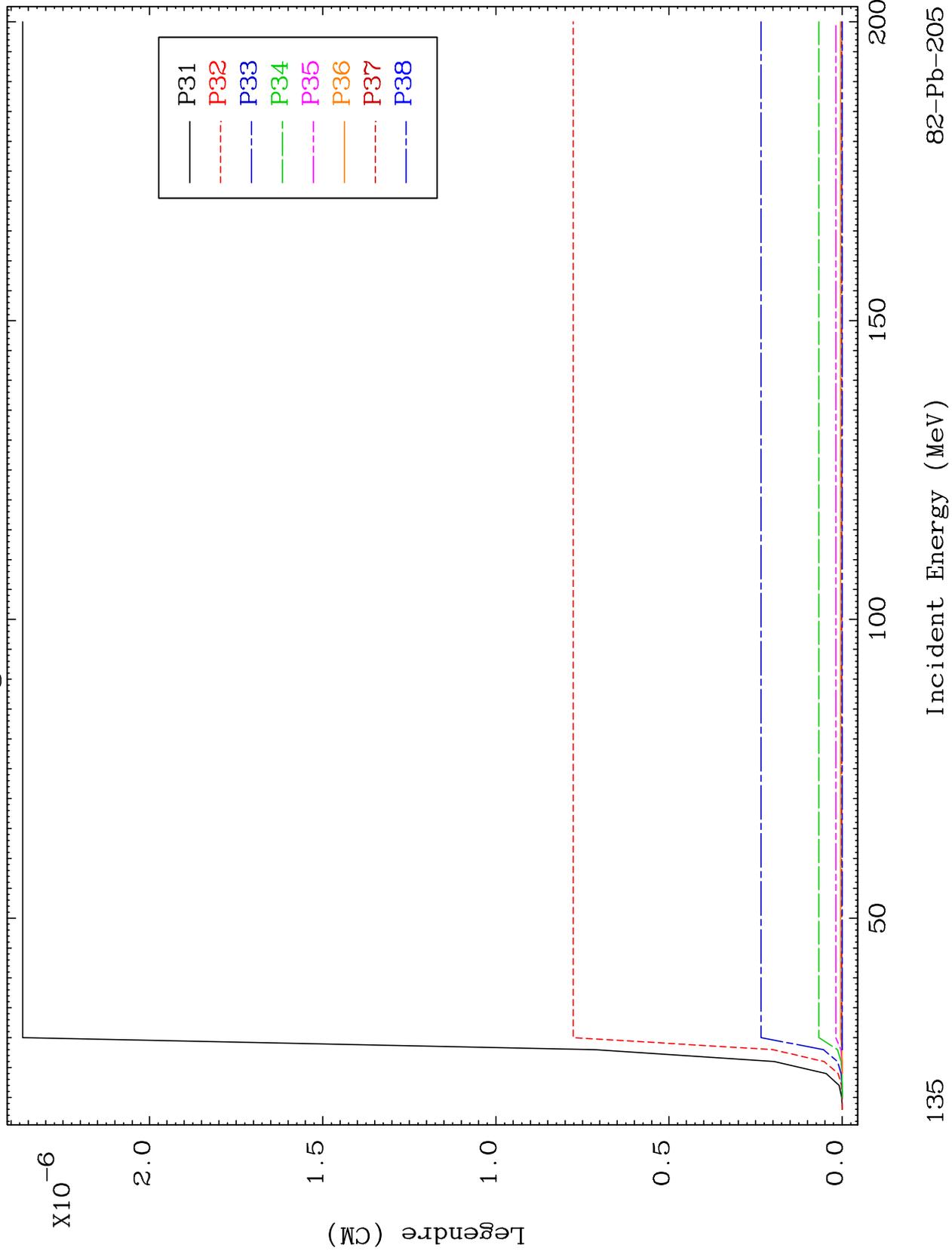
Incident Energy (MeV)

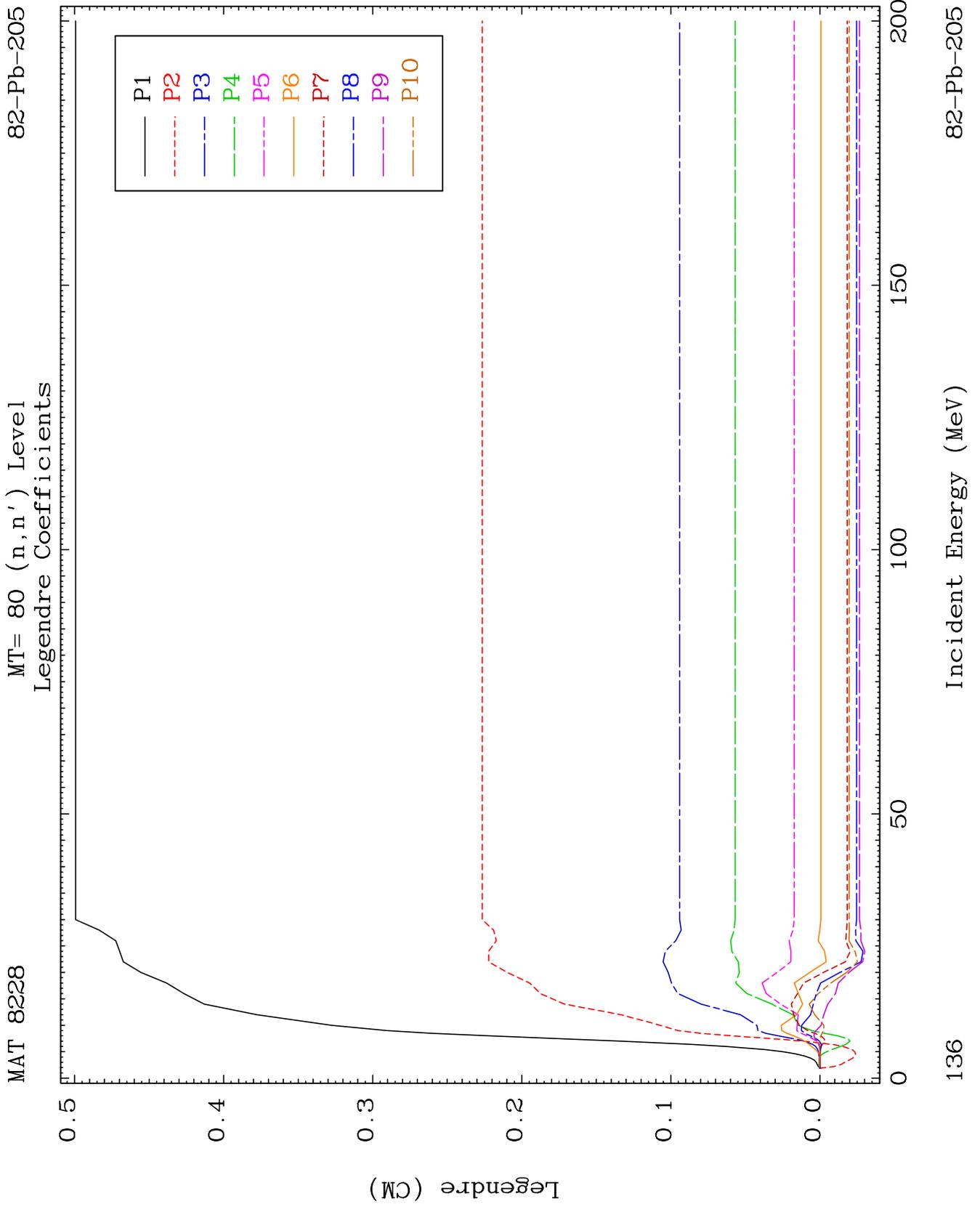
82-Pb-205

MAT 8228

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

82-Pb-205

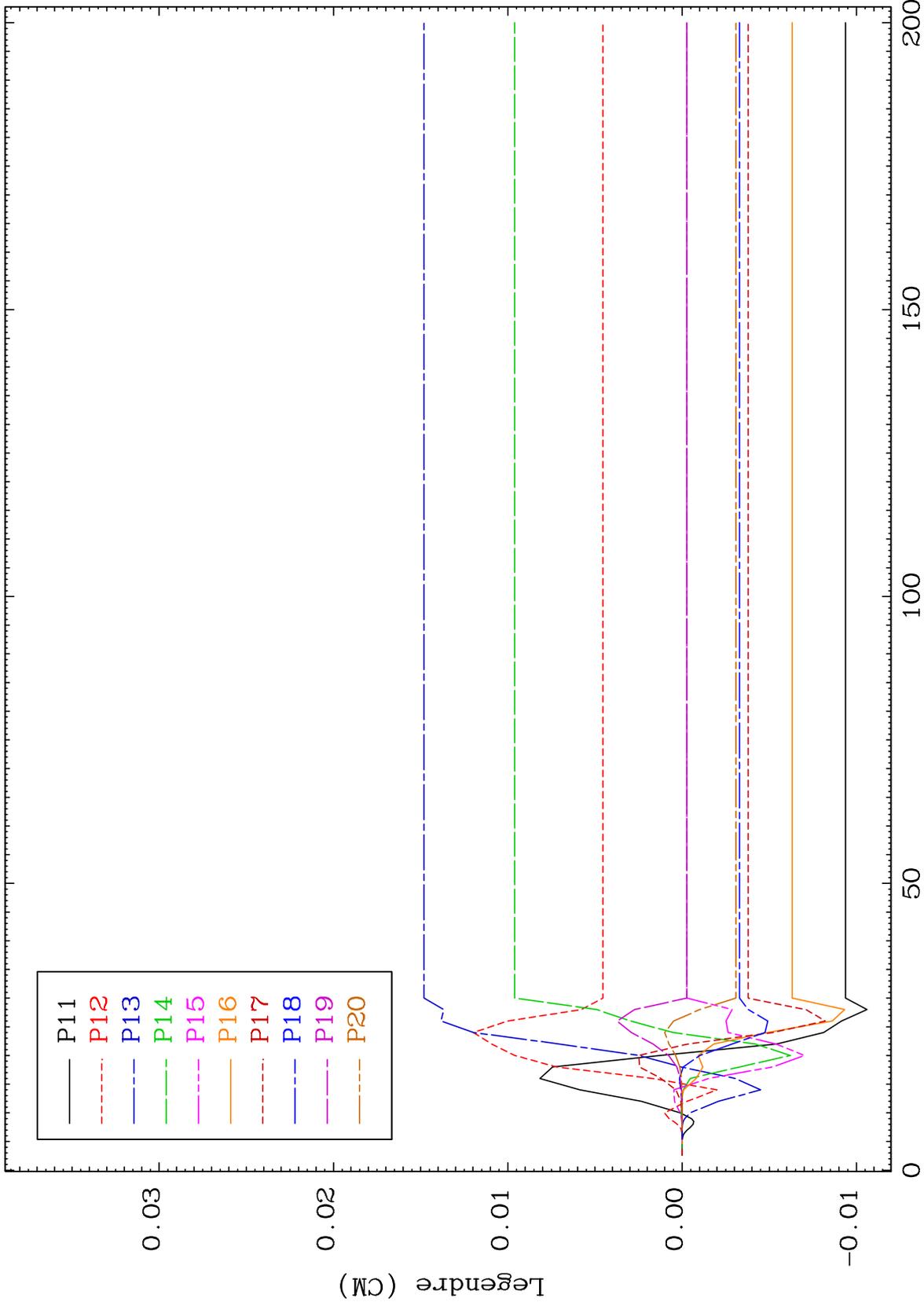




MAT 8228

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

82-Pb-205



137

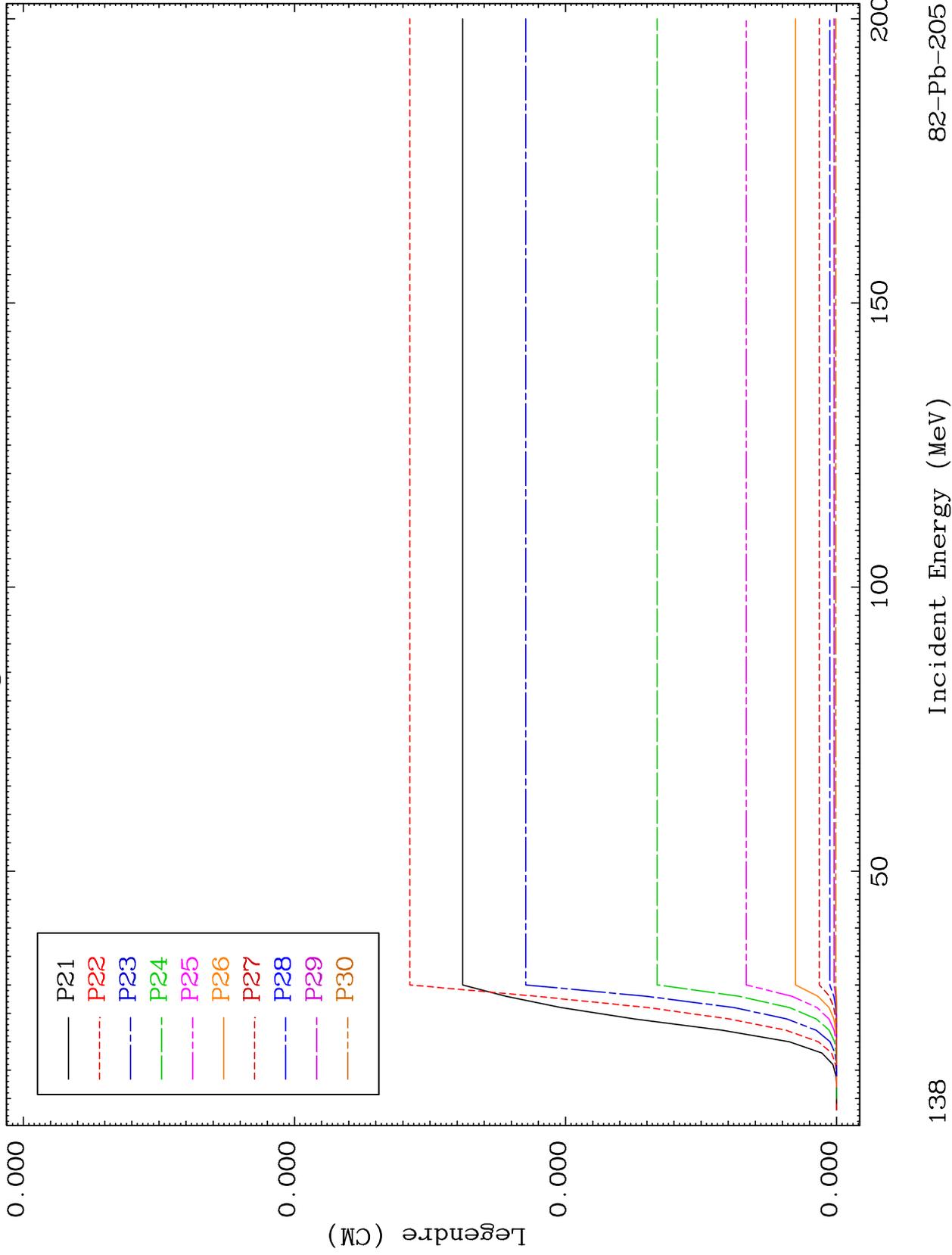
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



138

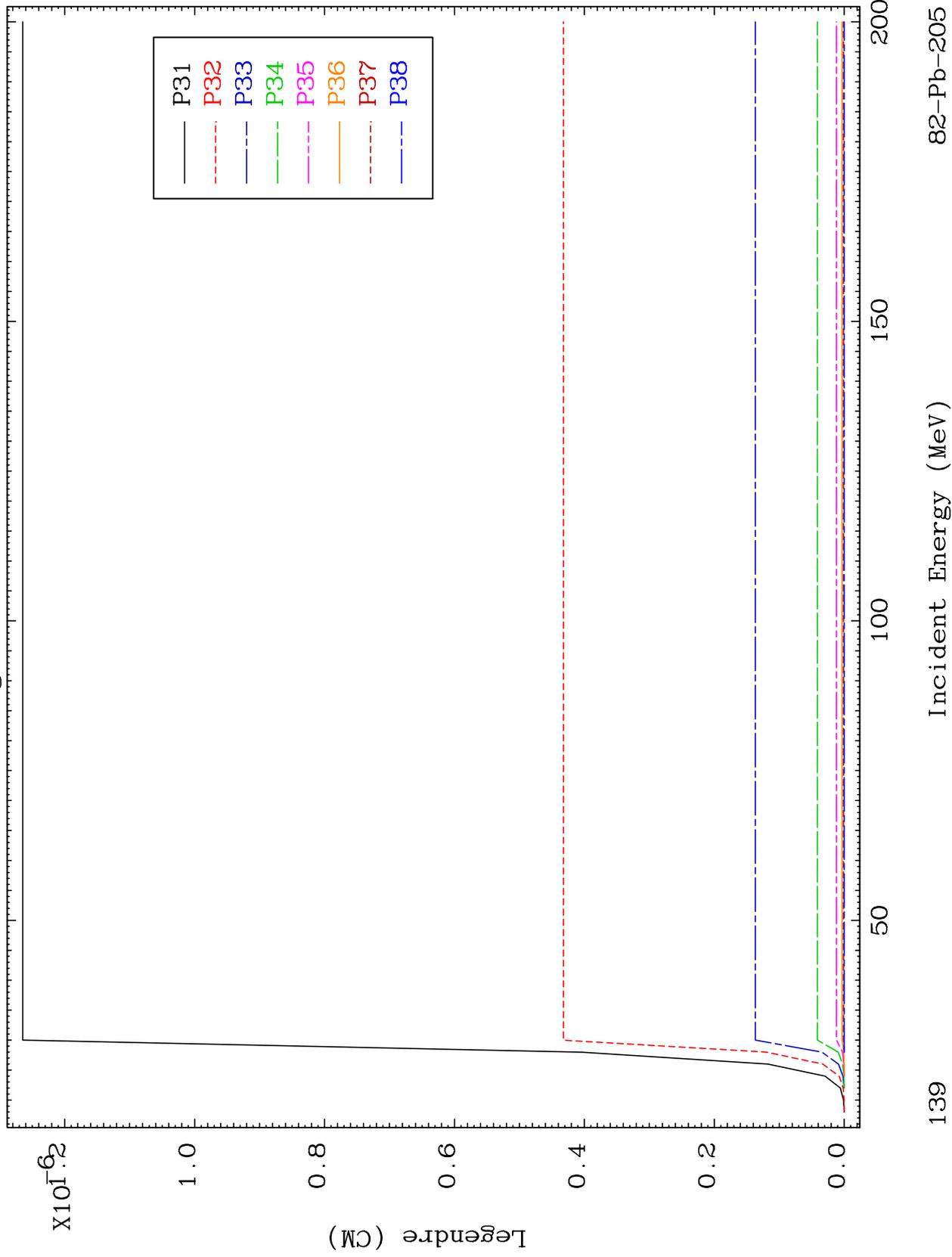
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



139

Incident Energy (MeV)

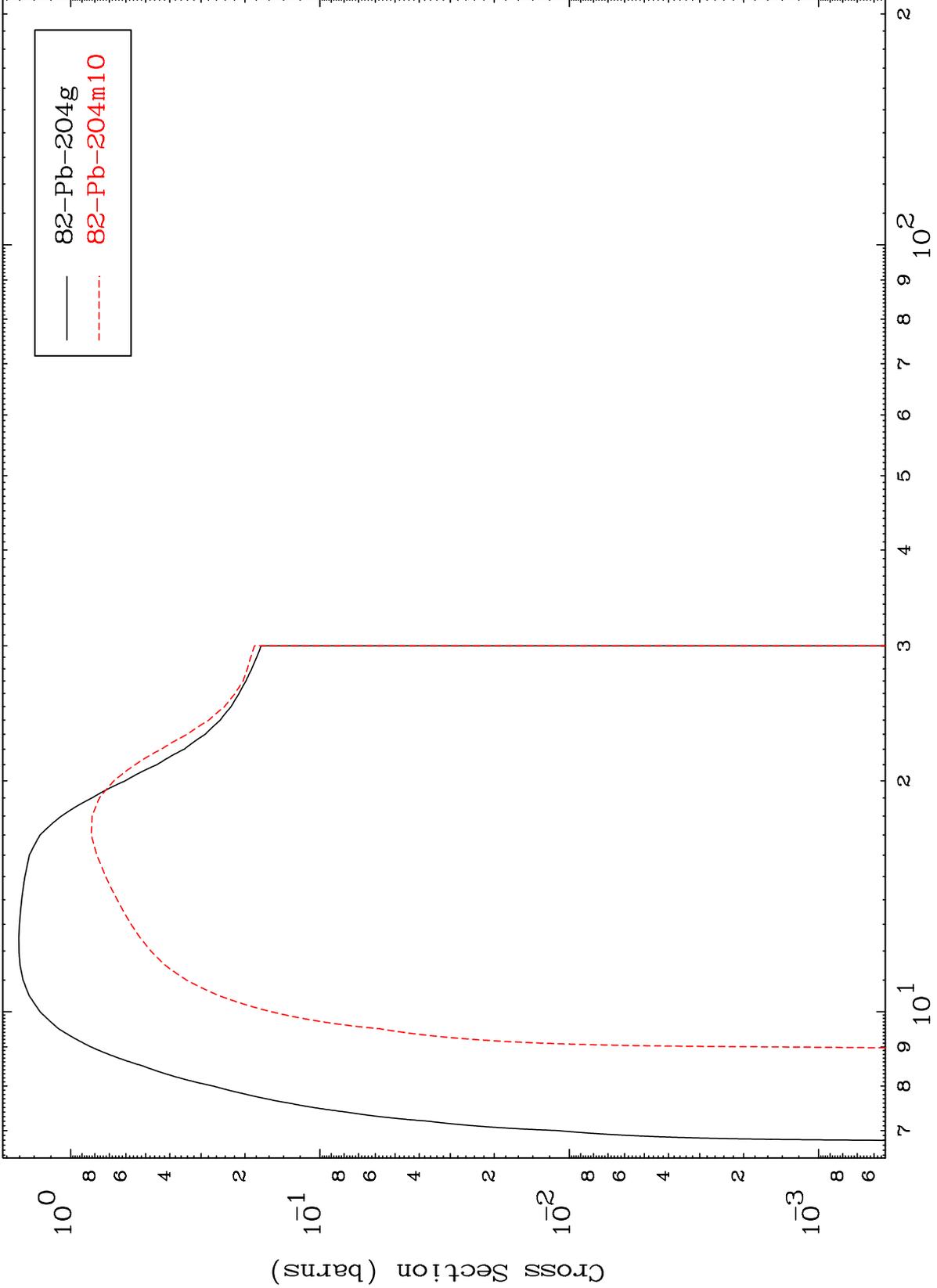
82-Pb-205

MAT 8228

(n,2n)

82-Pb-205

Radionuclide Production Cross Section



140

Incident Energy (MeV)

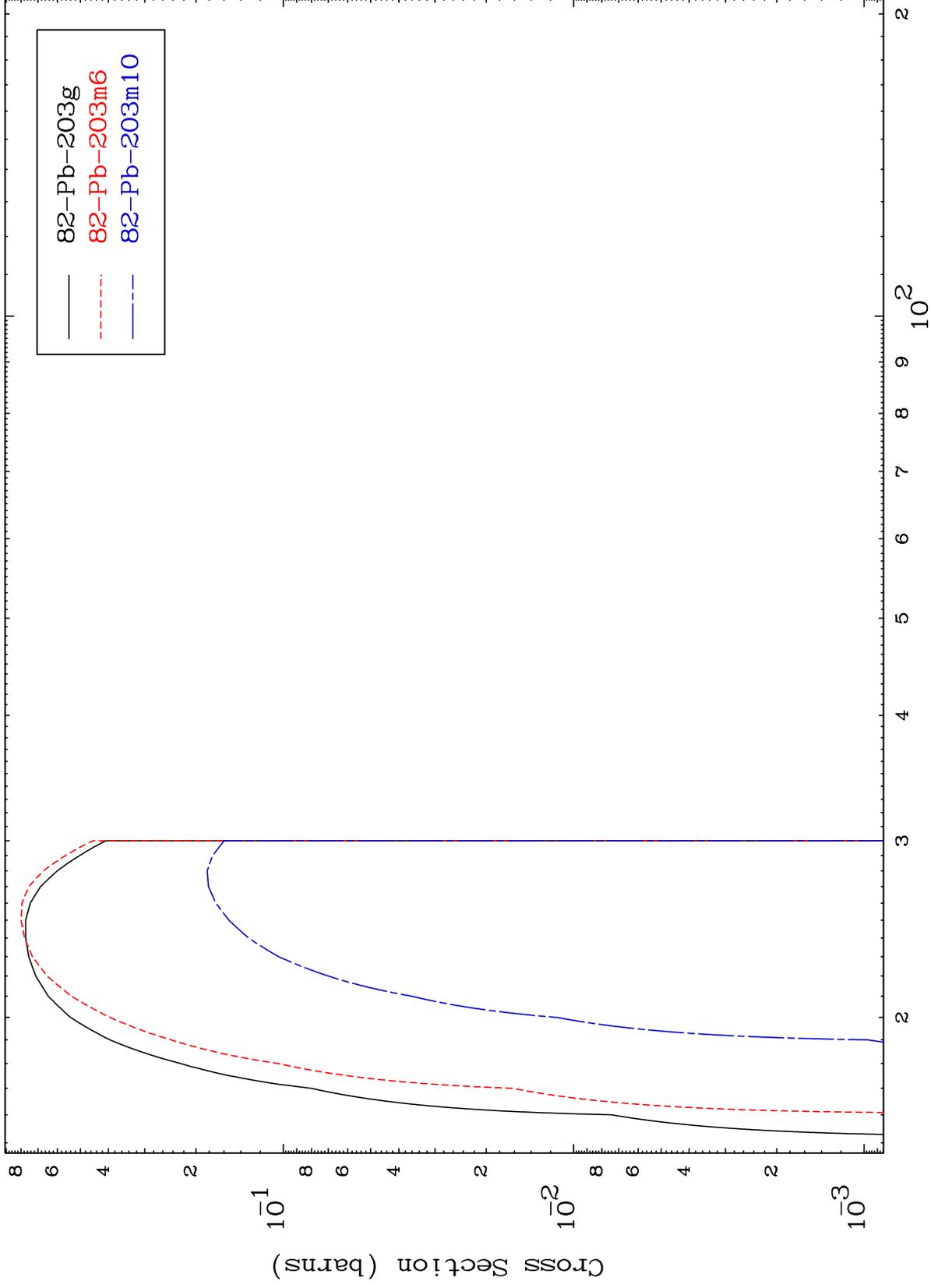
82-Pb-205

MAT 8228

(n,3n)

82-Pb-205

Radionuclide Production Cross Section



141

Incident Energy (MeV)

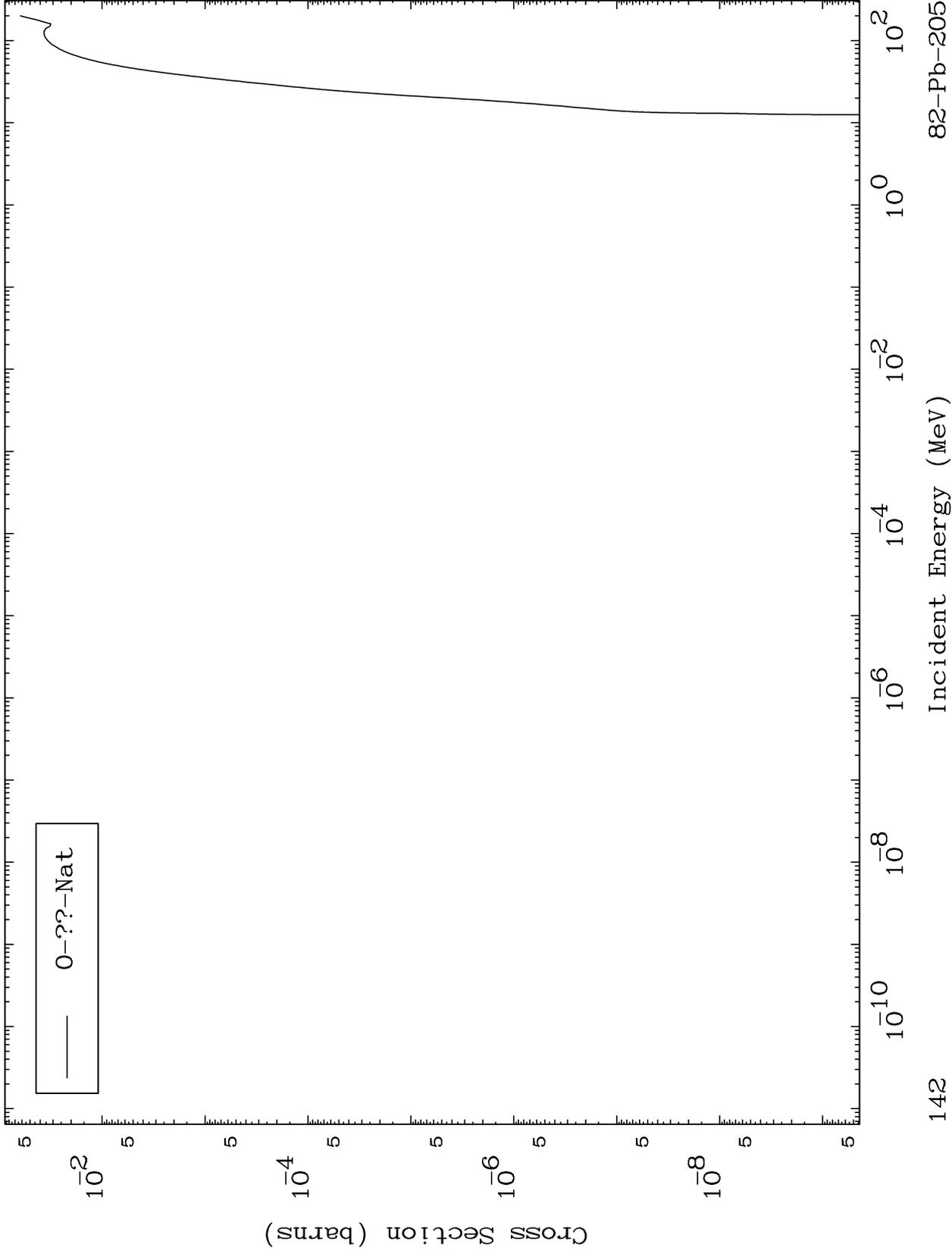
82-Pb-205

MAT 8228

Fission

82-Pb-205

Radionuclide Production Cross Section

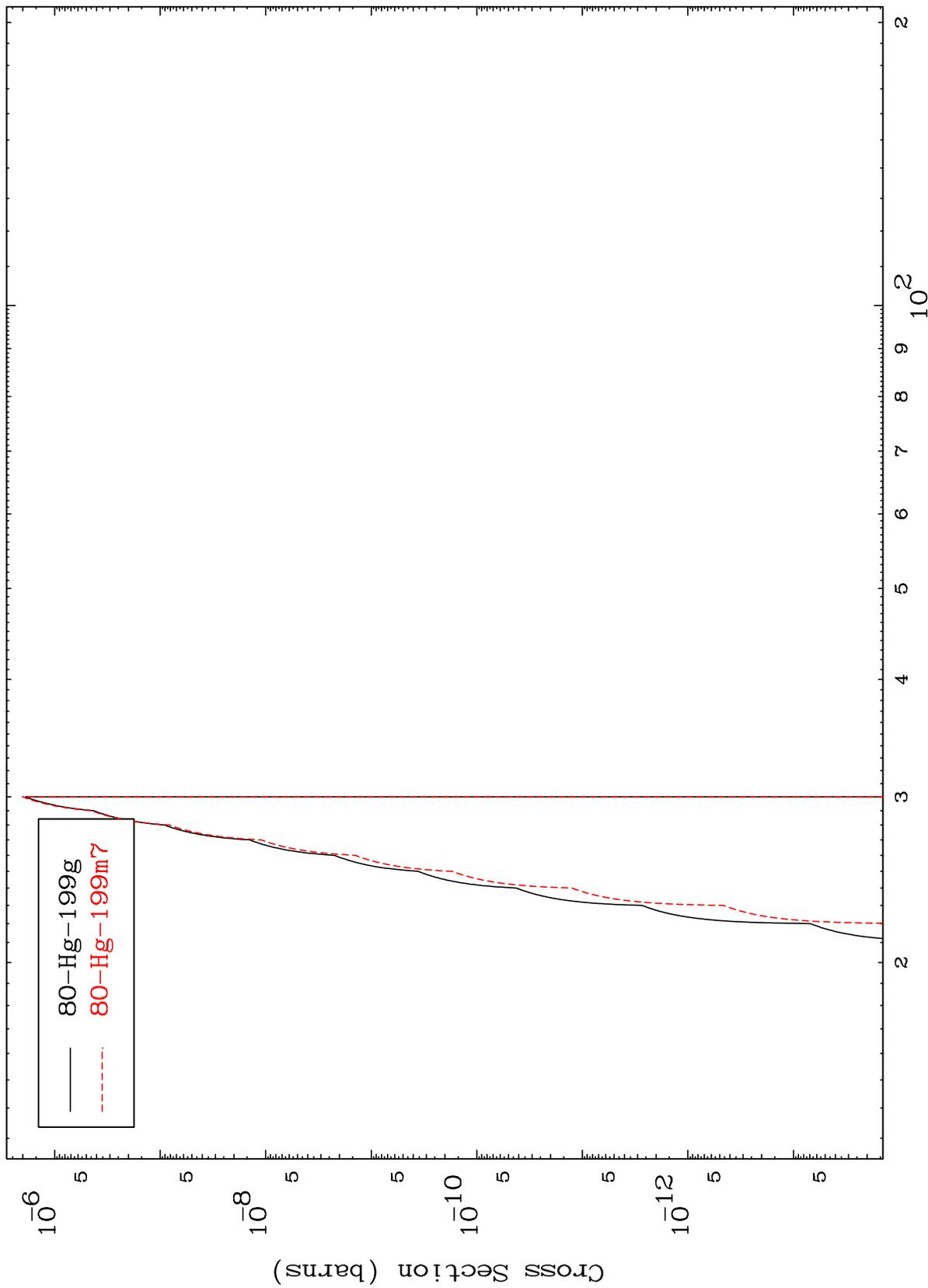


MAT 8228

(n,3n) α

82-Pb-205

Radionuclide Production Cross Section



143

Incident Energy (MeV)

82-Pb-205

Radionuclide Production Cross Section

