

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

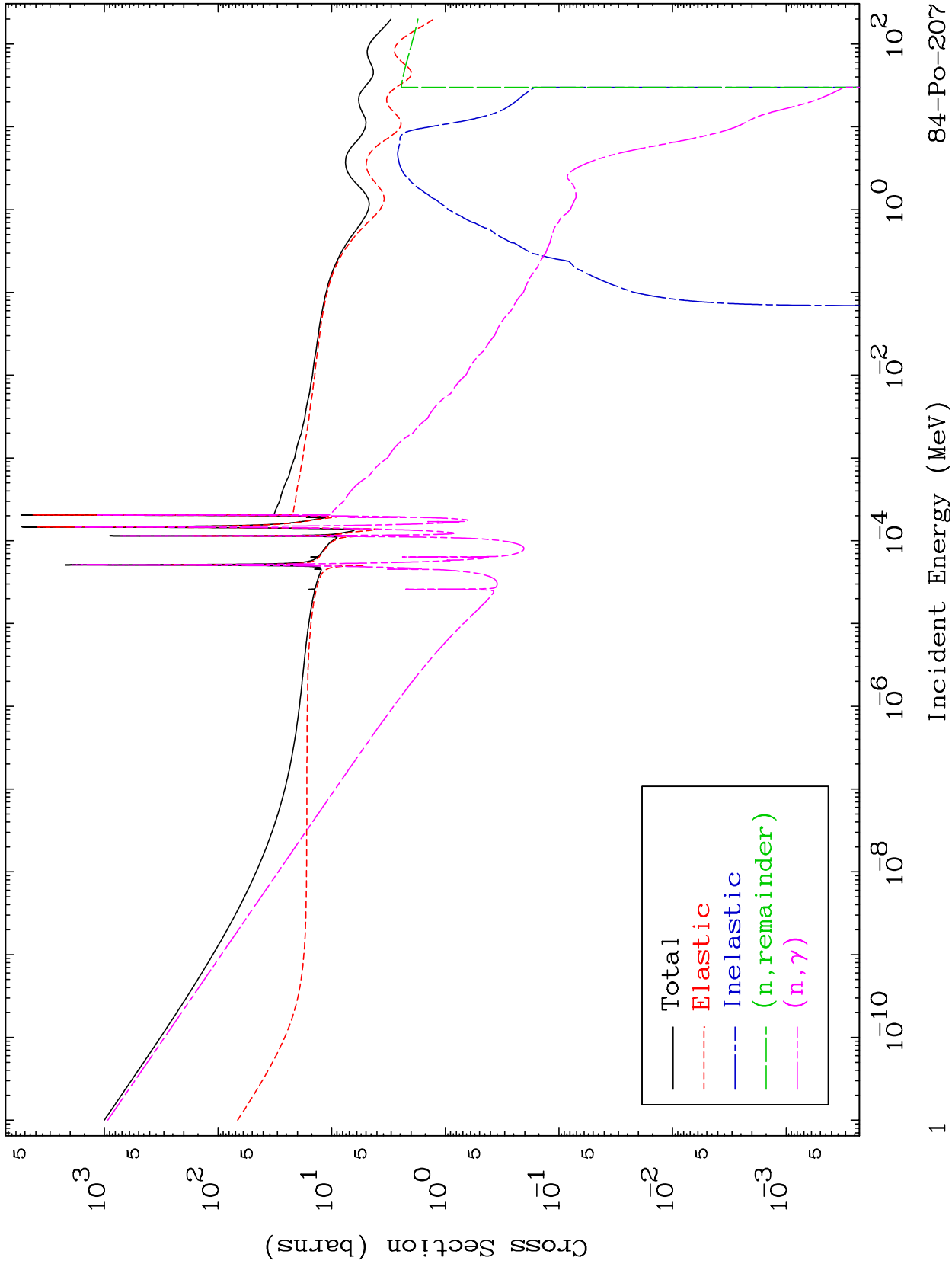
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8428

Major
293 Kelvin Cross Sections

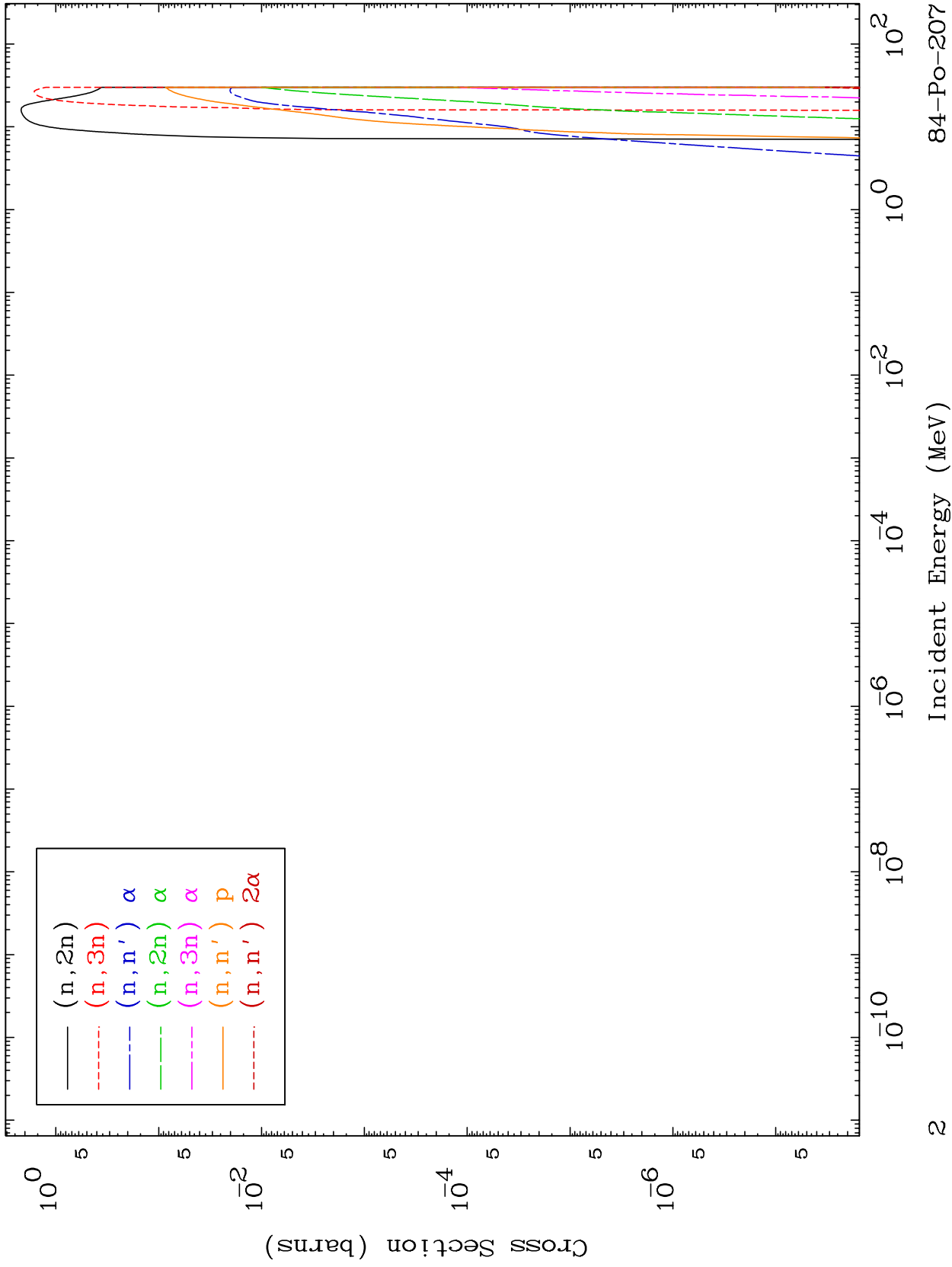
84-Po-207

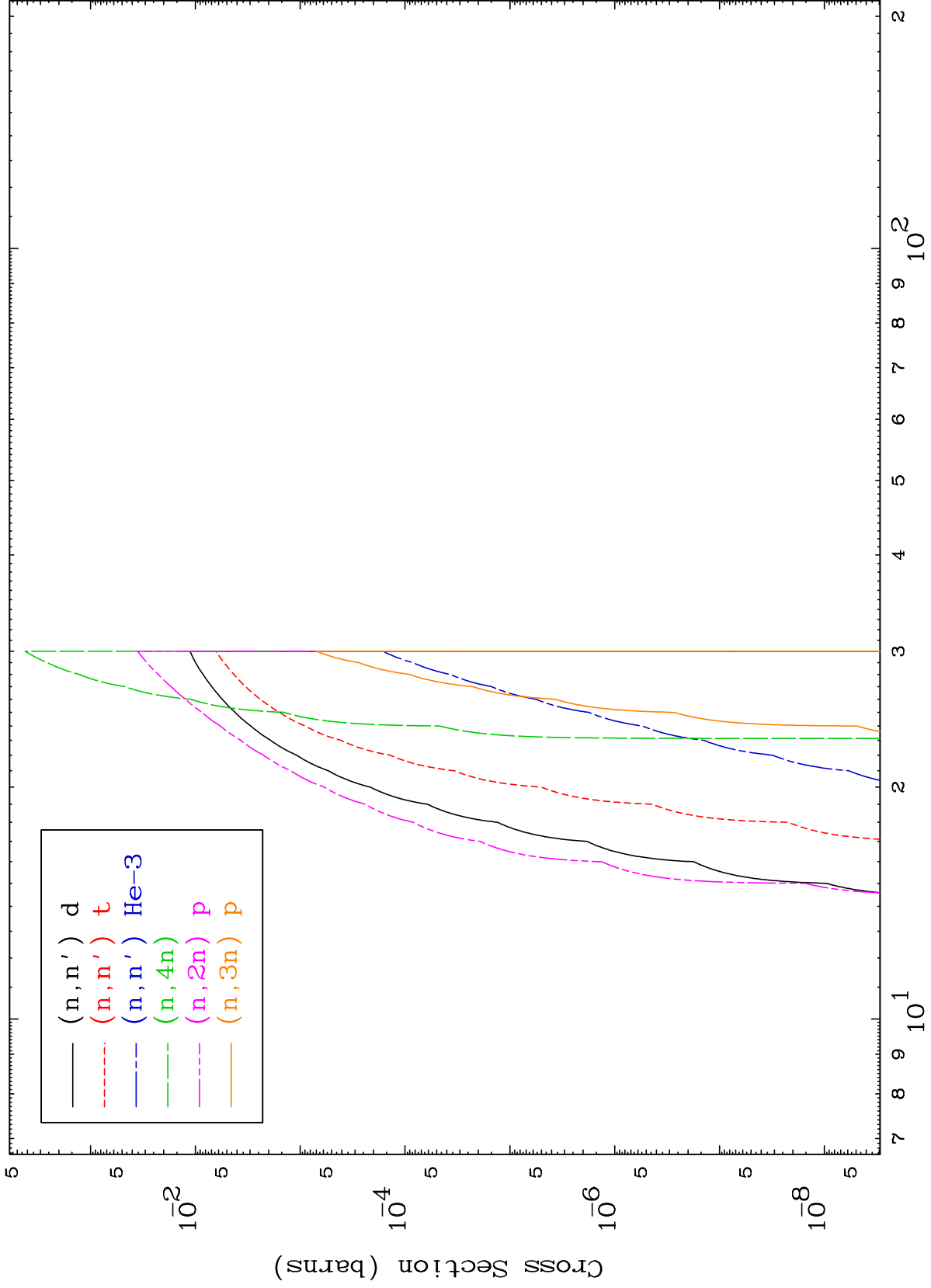


MAT 8428

Neutron Production
293 Kelvin Cross Sections

84-Po-207

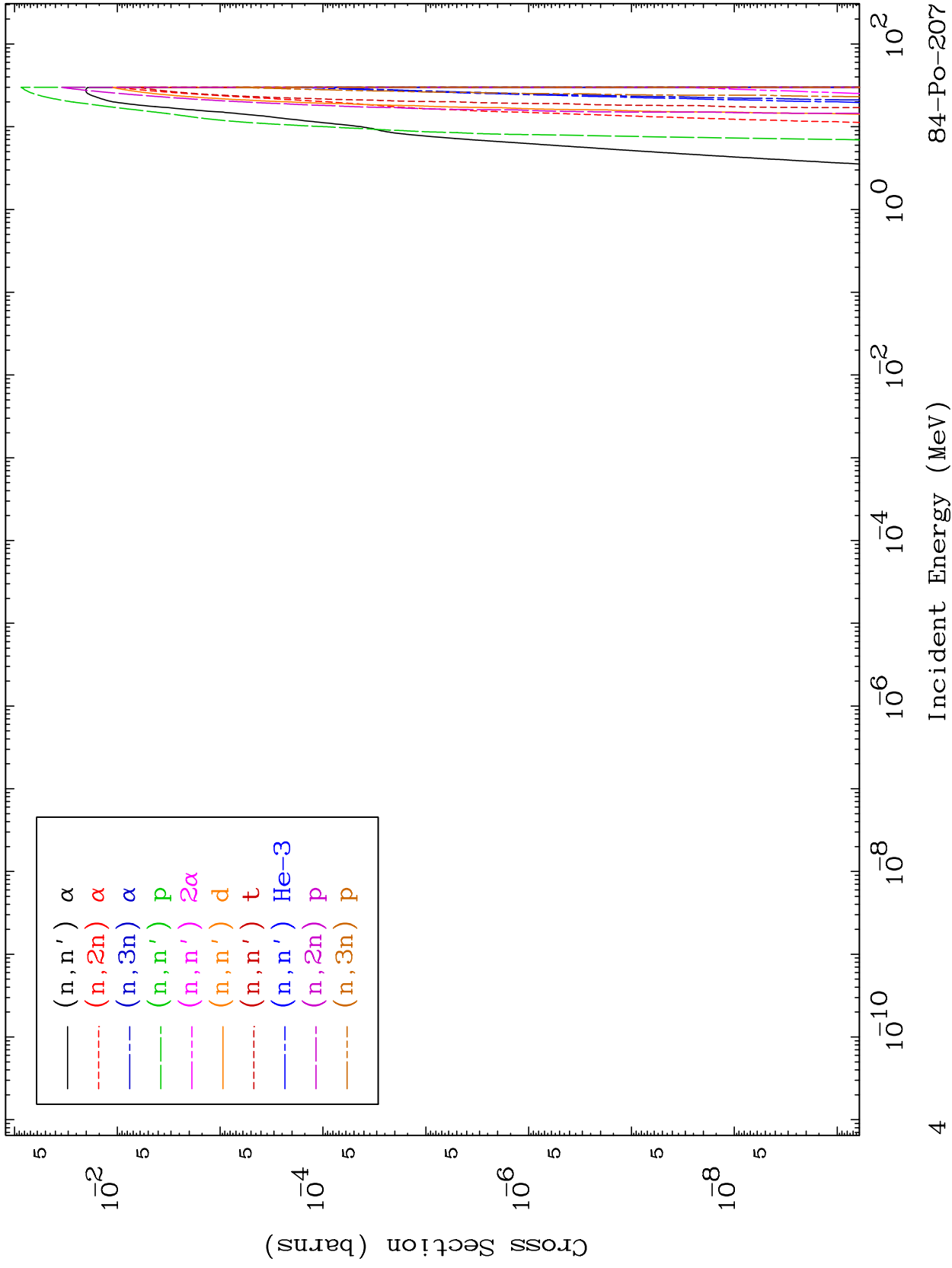




MAT 8428

Charged Particle
293 Kelvin Cross Sections

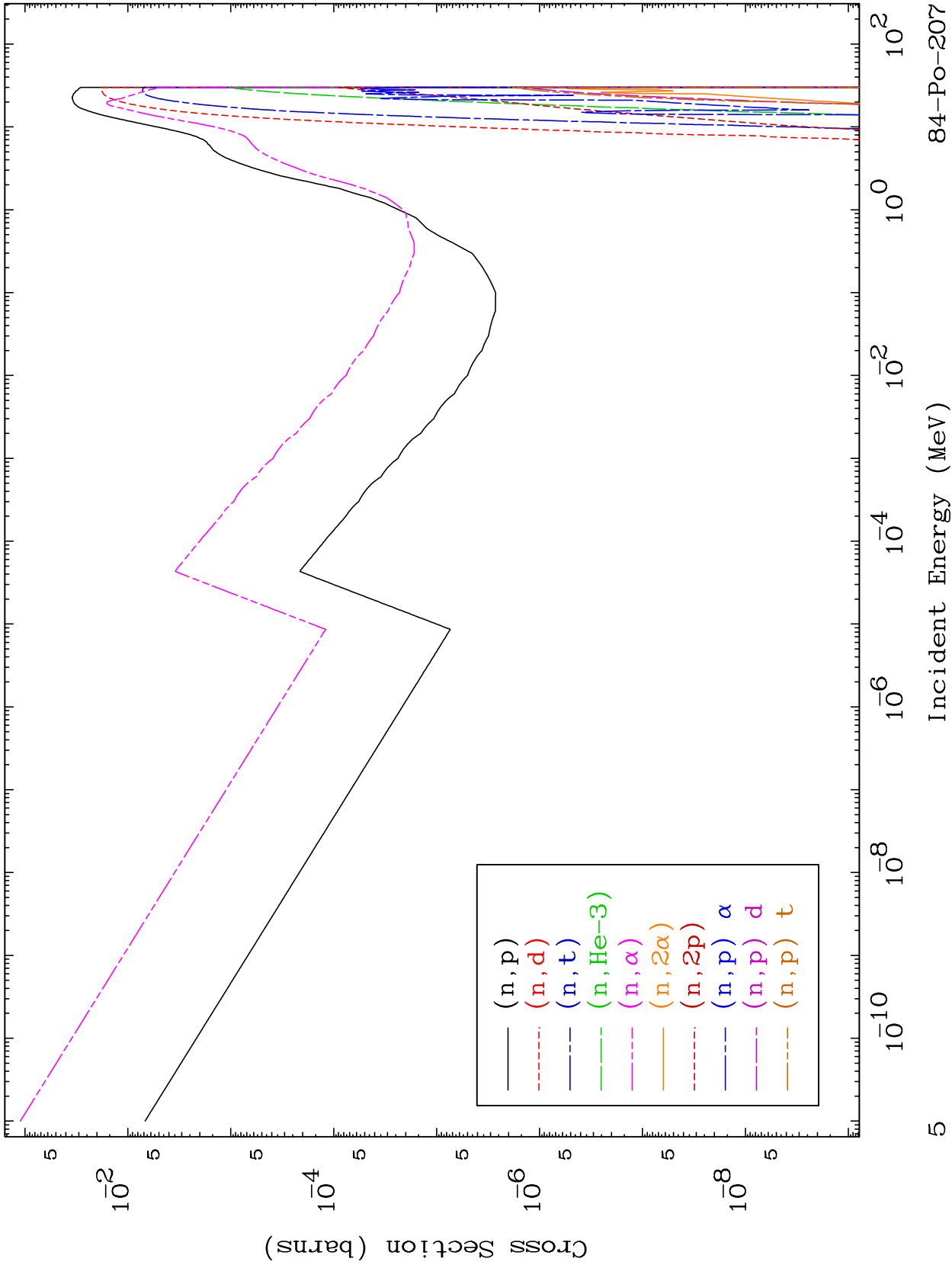
84-Po-207



MAT 8428

Charged Particle
293 Kelvin Cross Sections

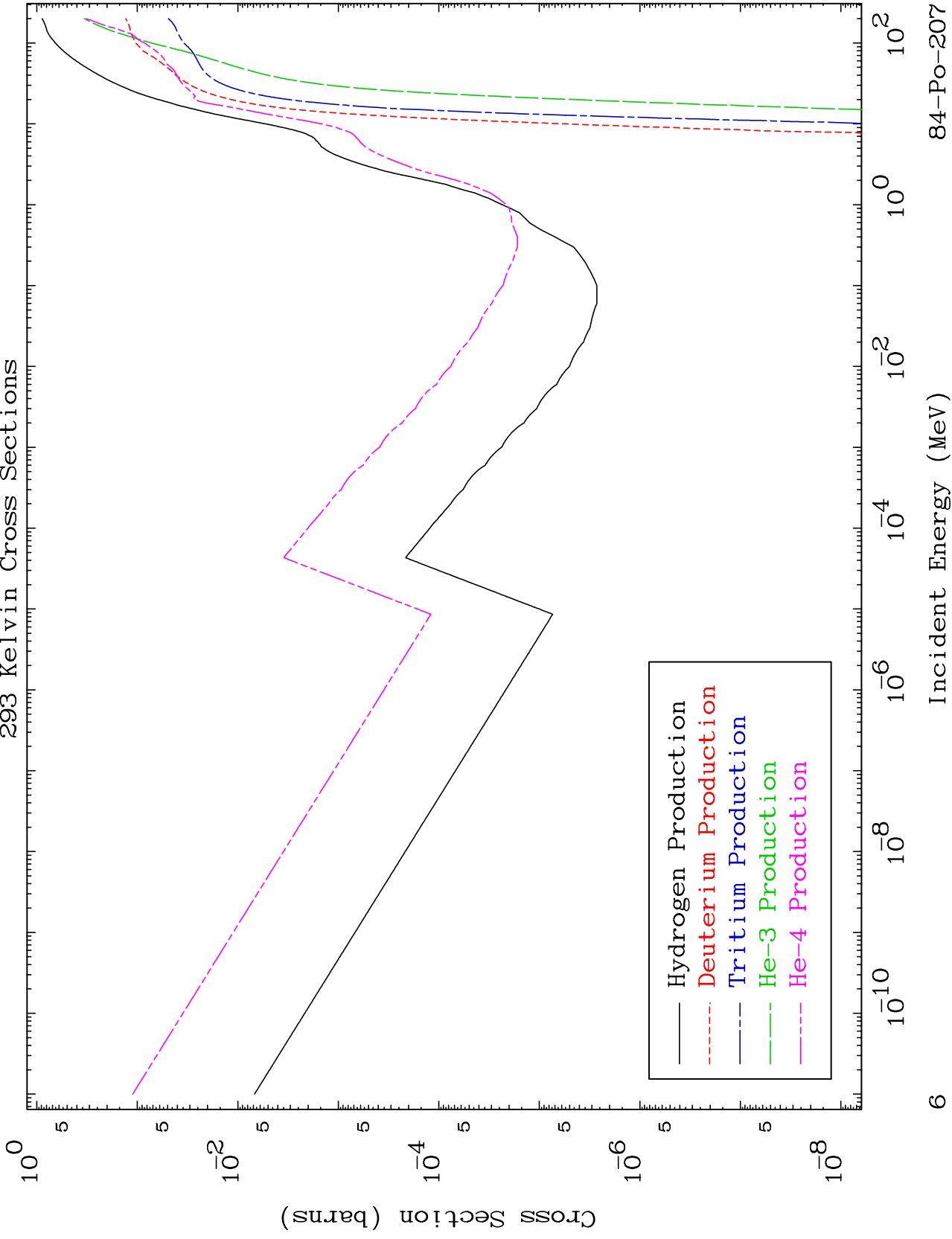
84-Po-207



MAT 8428

Particle Production
293 Kelvin Cross Sections

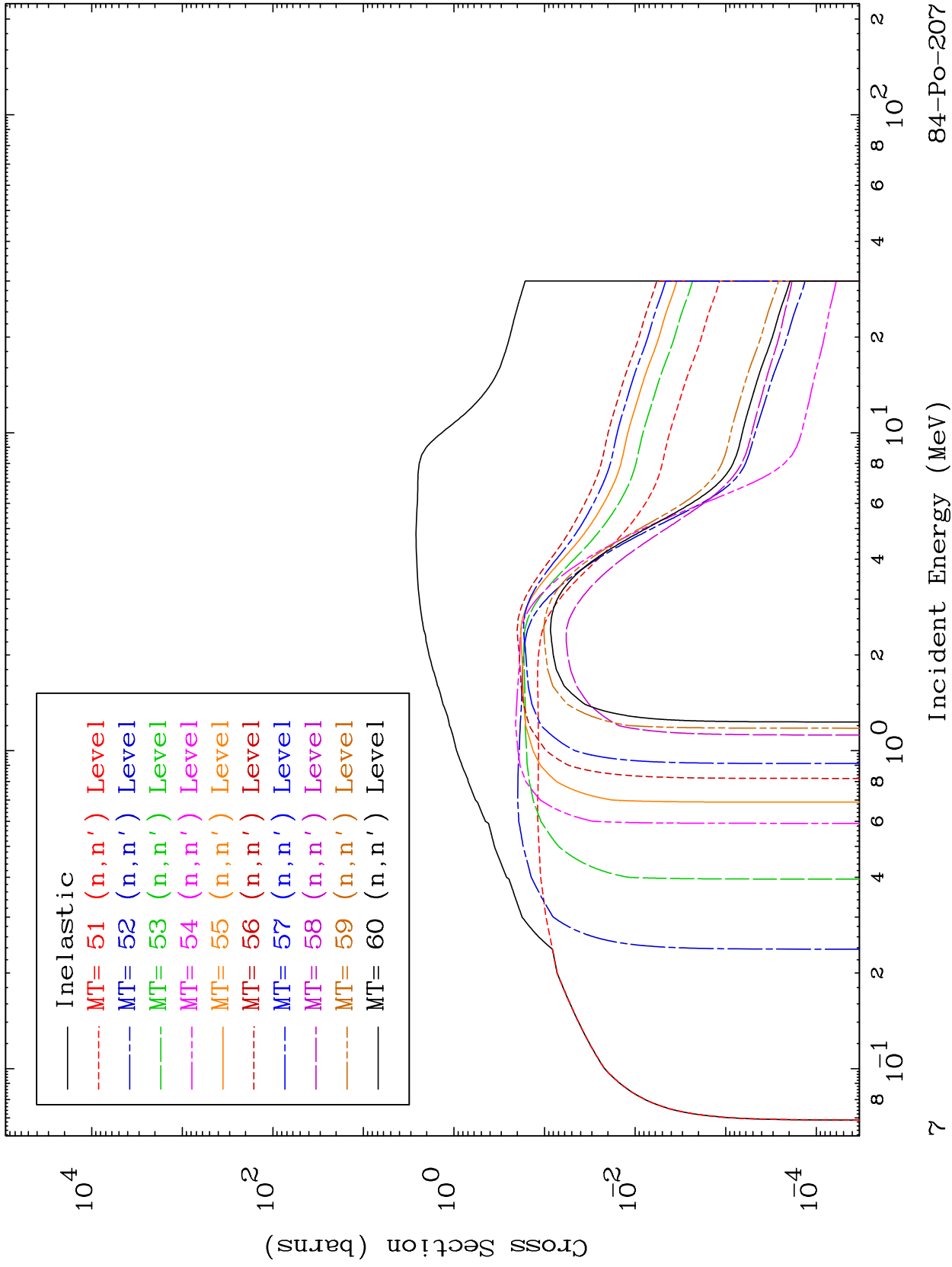
84-Po-207

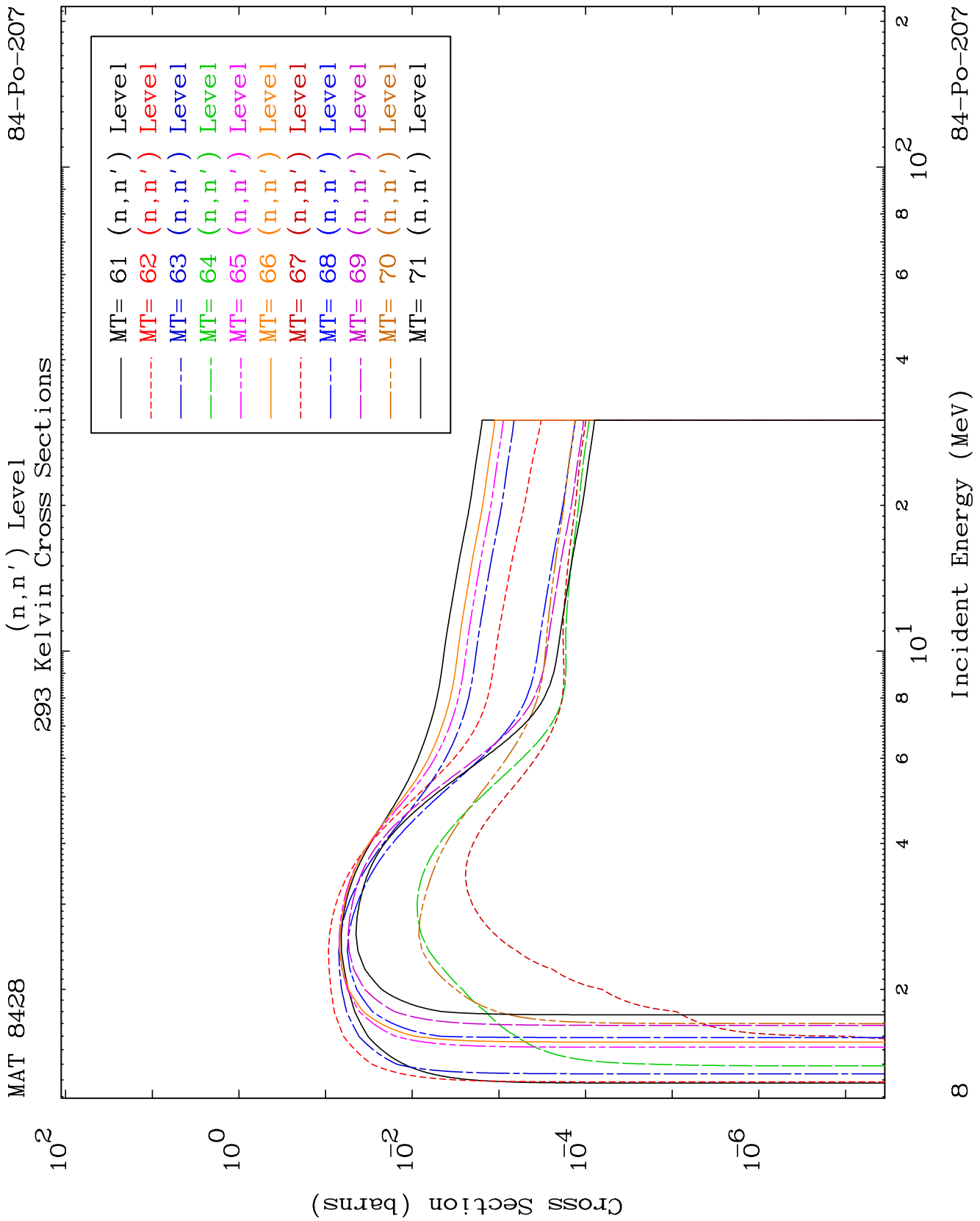


MAT 8428

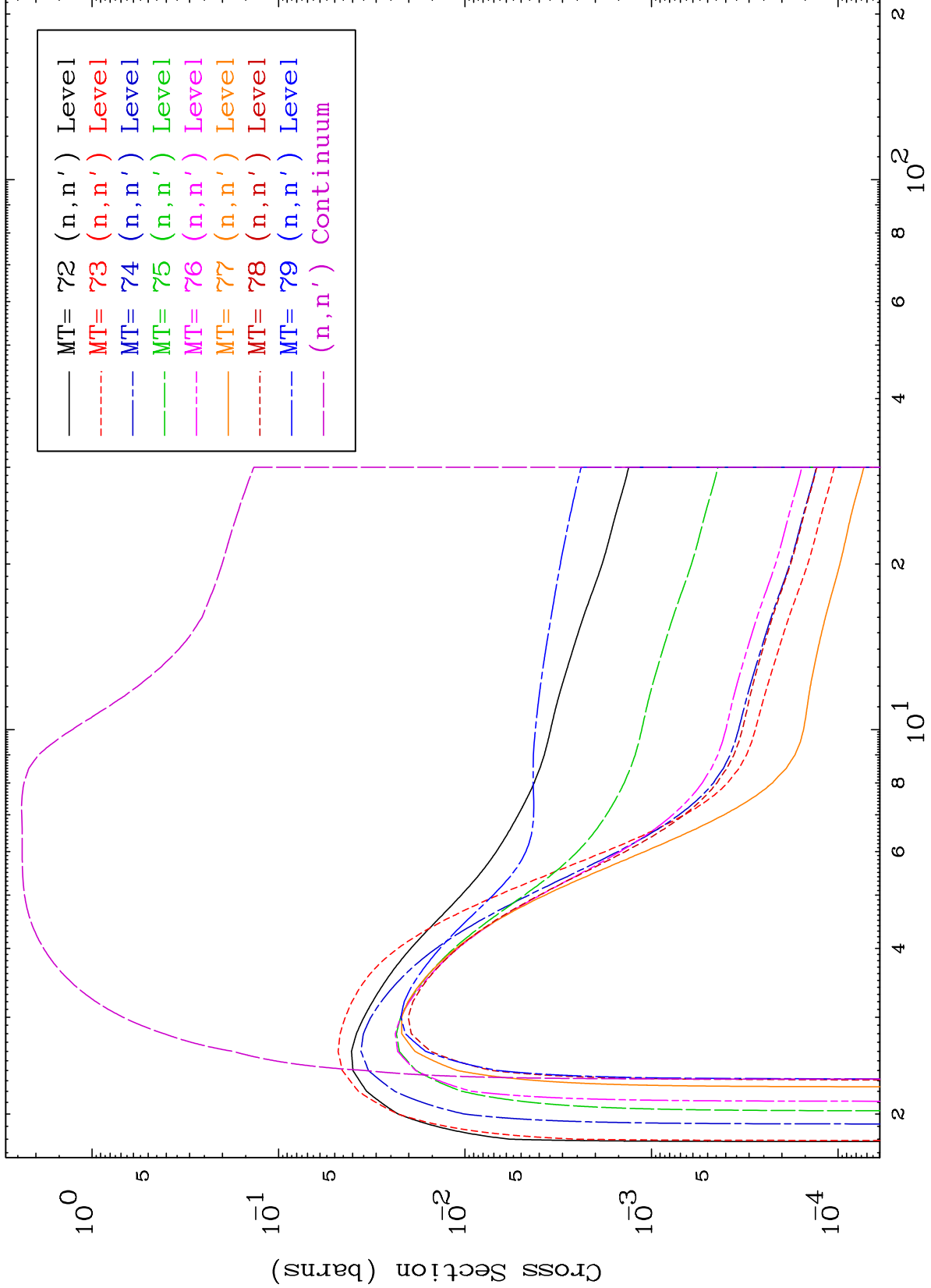
(n,n') Level
293 Kelvin Cross Sections

84-Po-207





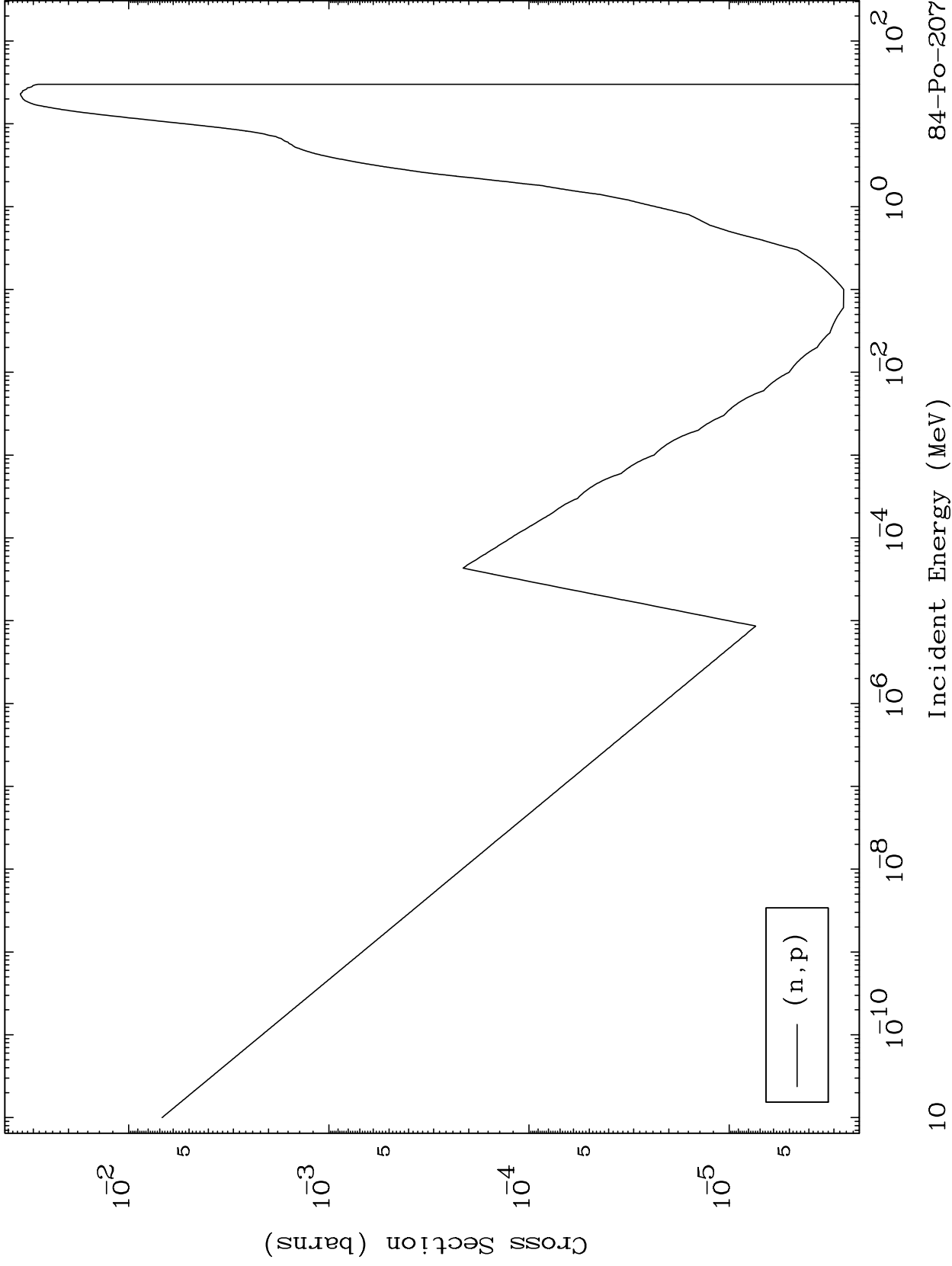
293 Kelvin Cross Sections



MAT 8428

(n,p) Levels
293 Kelvin Cross Sections

84-Po-207



10

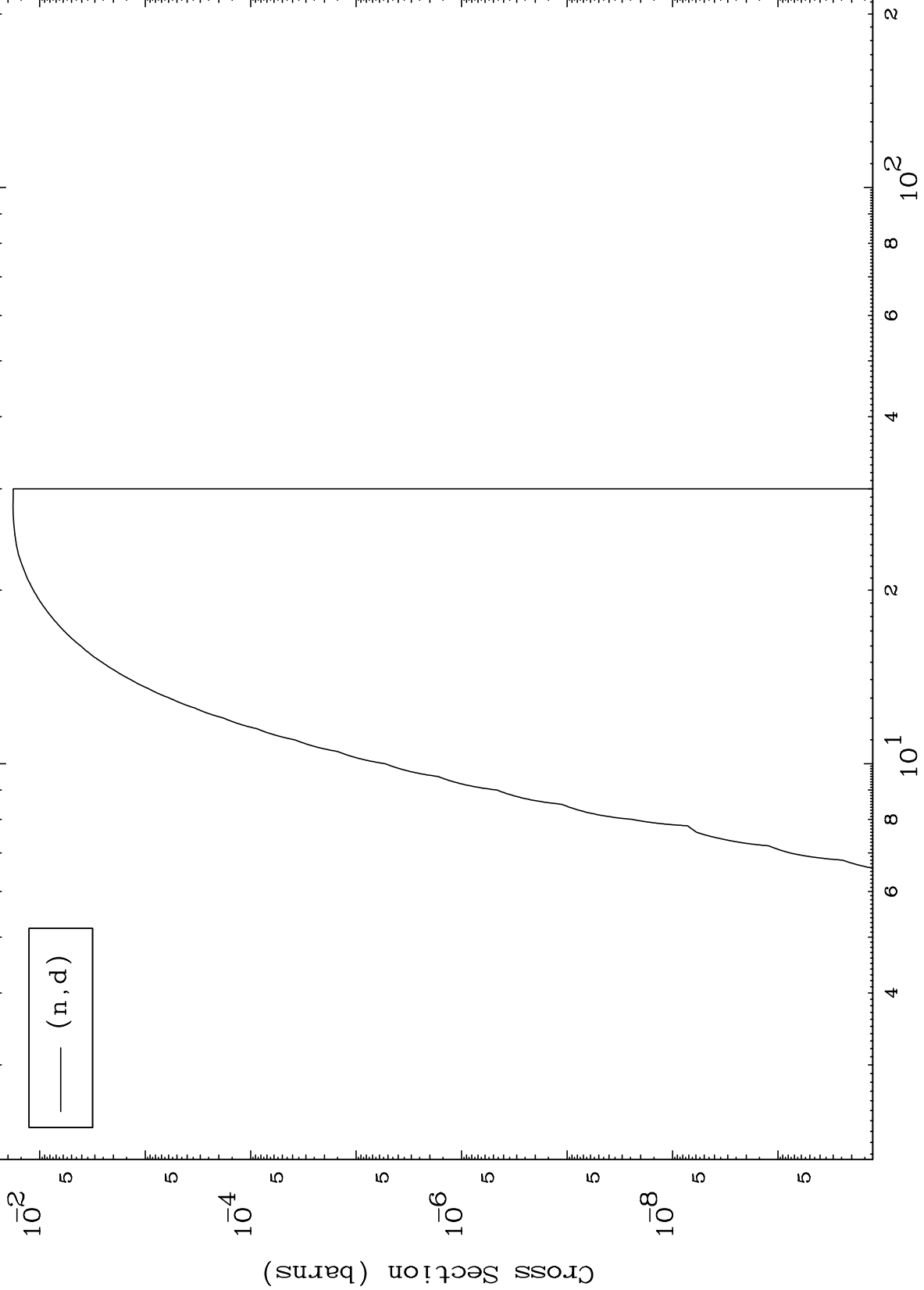
Incident Energy (MeV)

84-Po-207

MAT 8428

(n,d) Levels
293 Kelvin Cross Sections

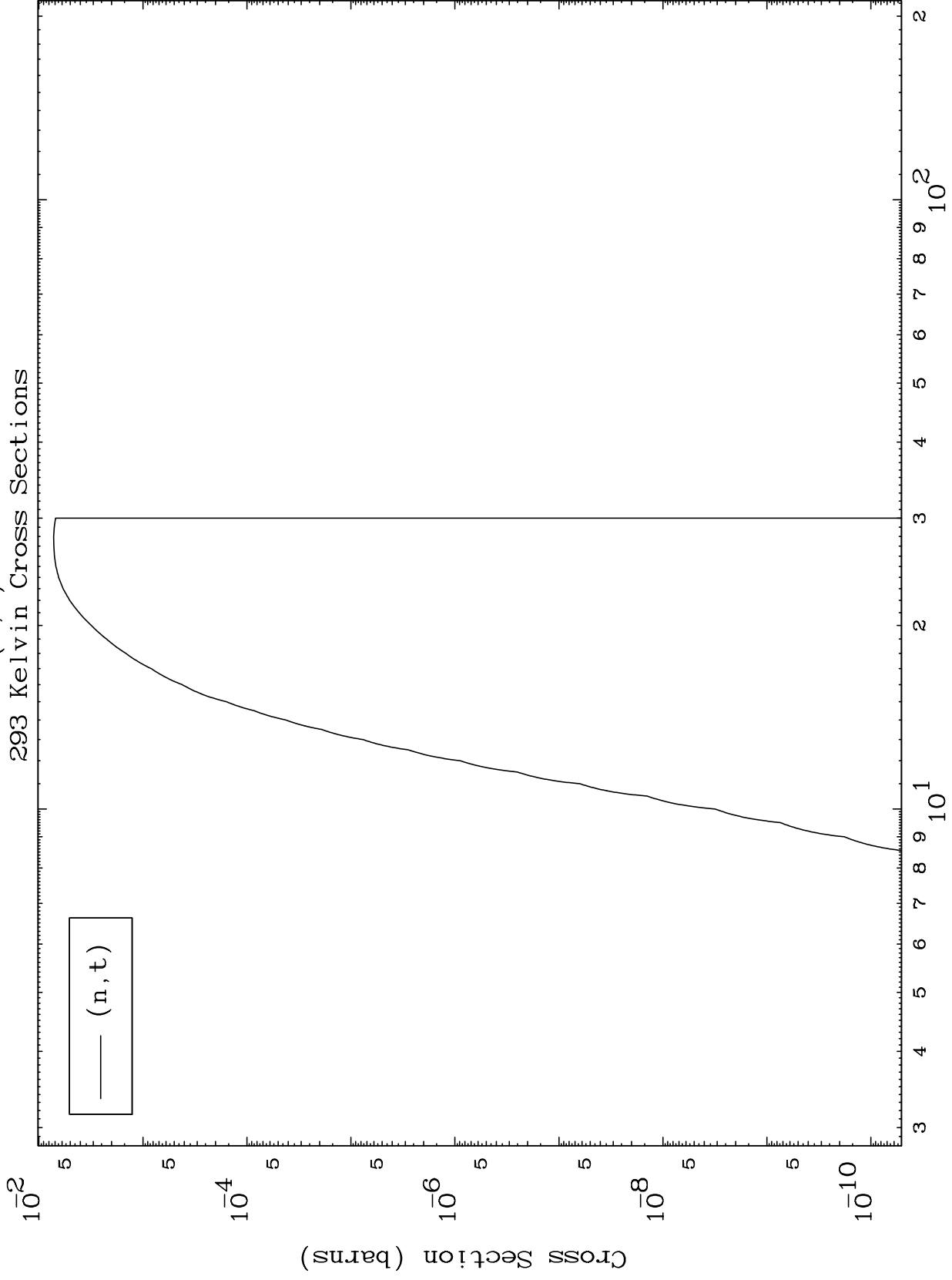
84-Po-207



MAT 8428

(n,t) Levels
293 Kelvin Cross Sections

84-Po-207



12

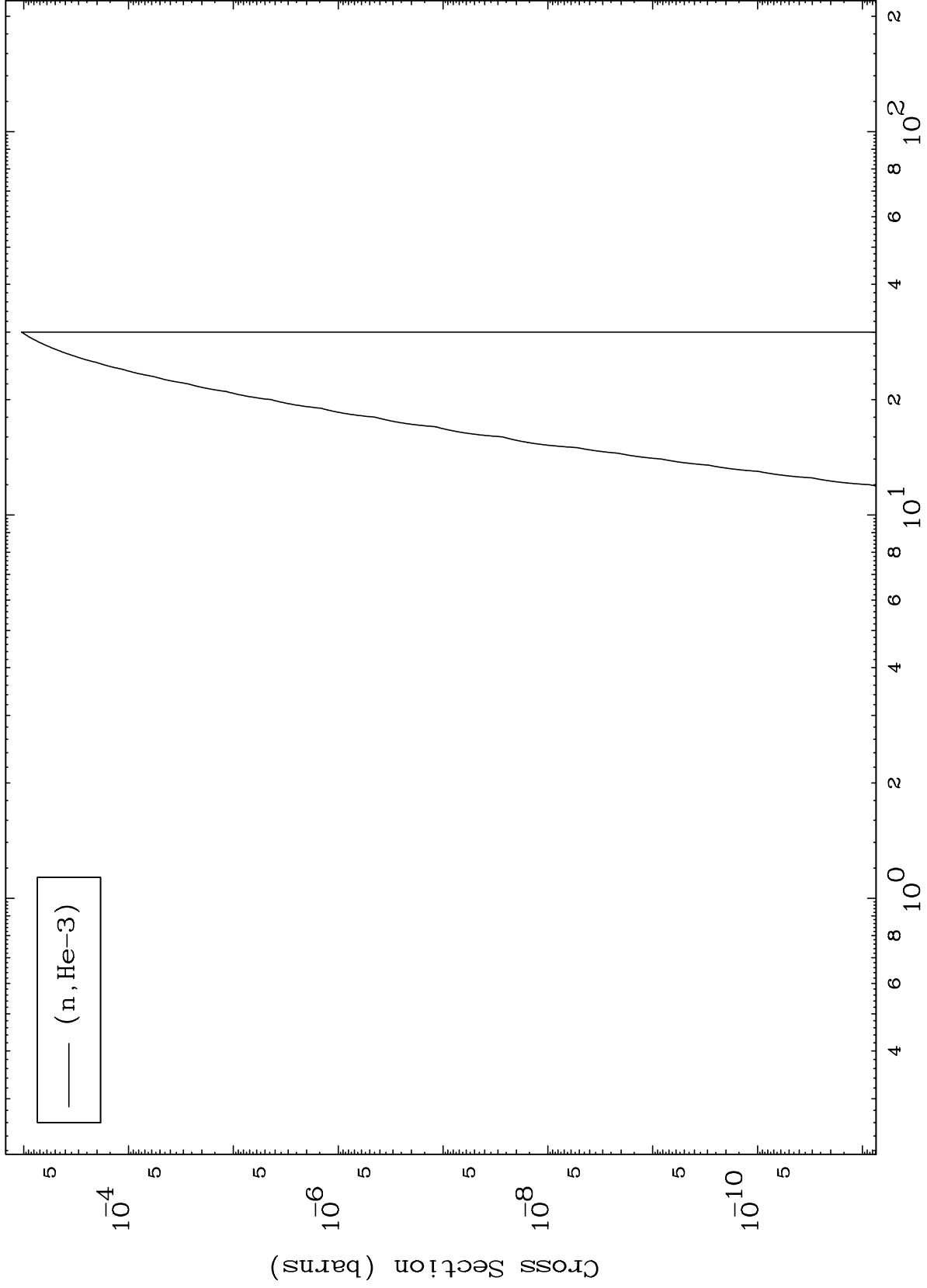
Incident Energy (MeV)

84-Po-207

MAT 8428

(n,He3) Levels
293 Kelvin Cross Sections

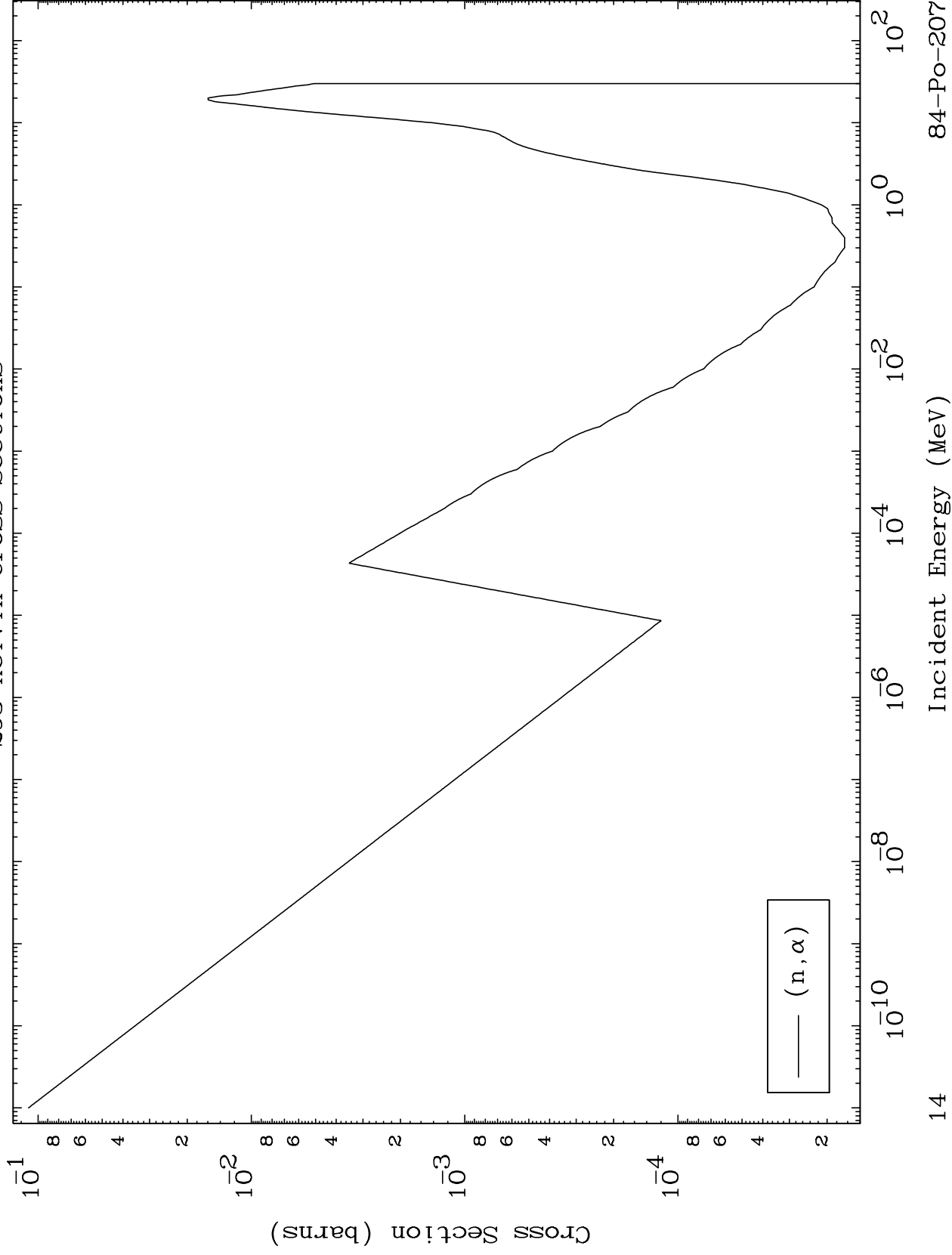
84-Po-207

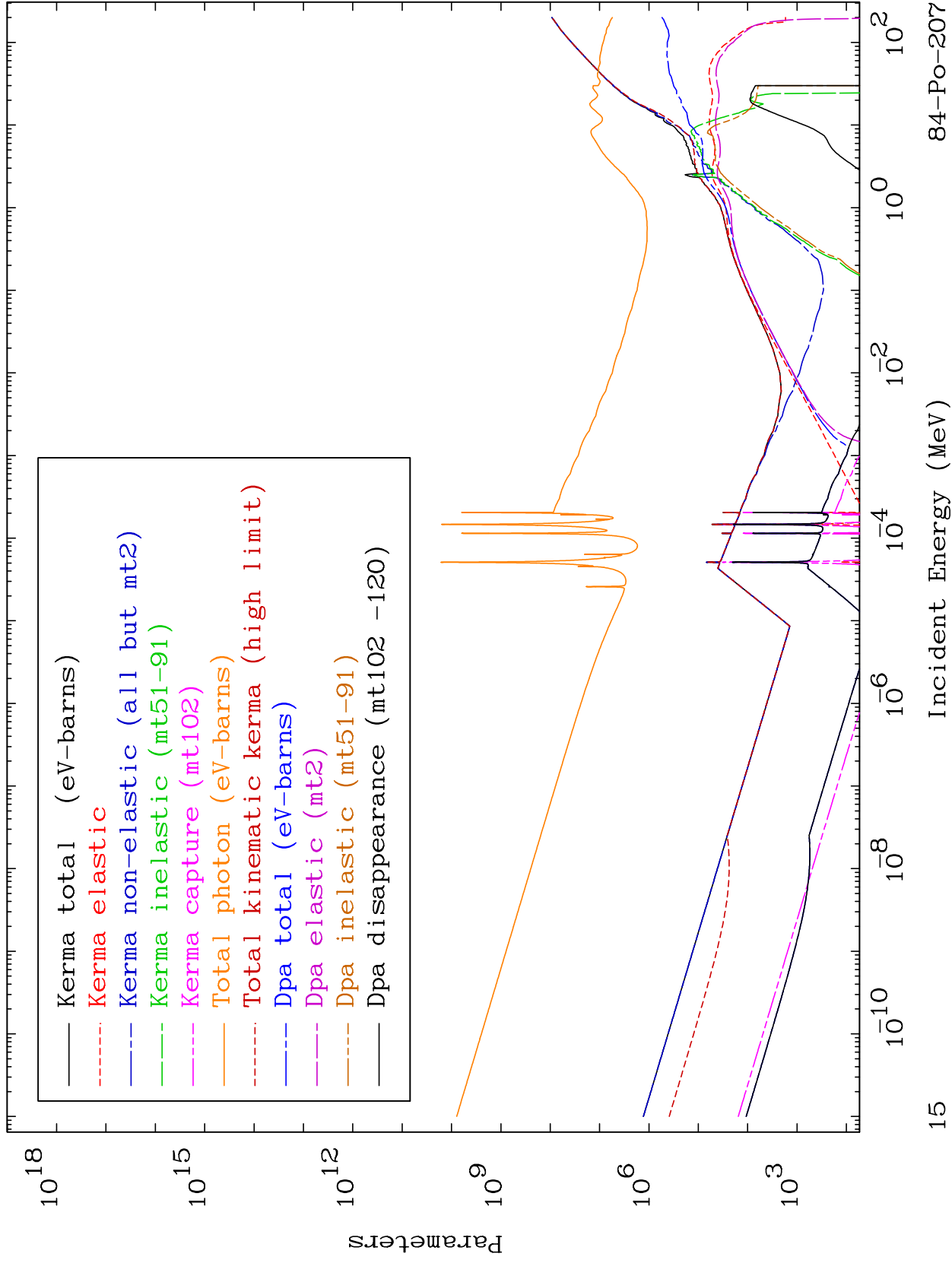


MAT 8428

(n,α) Levels
293 Kelvin Cross Sections

84-Po-207

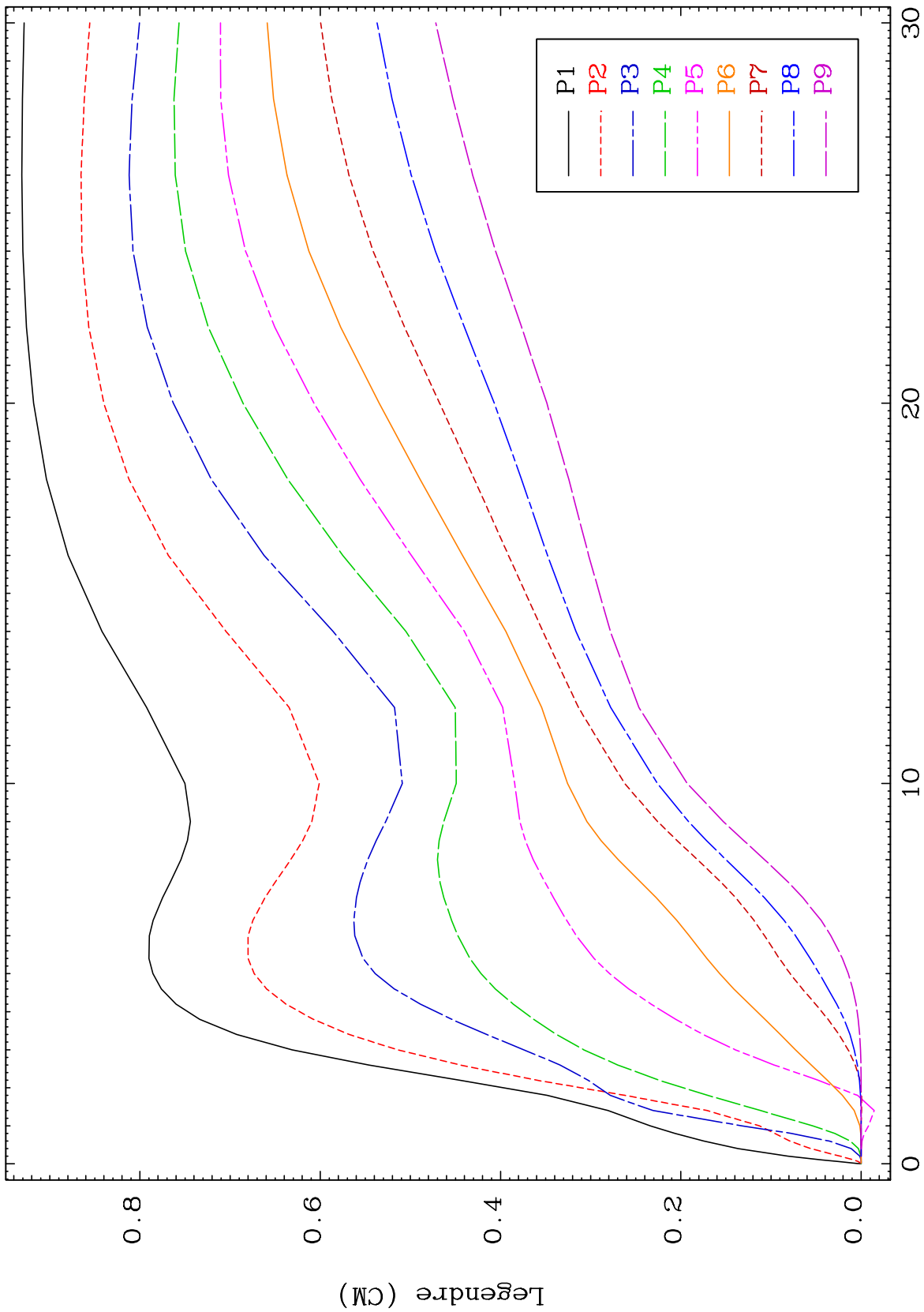




MAT 8428

84-Po-207

Elastic Legendre Coefficients



16

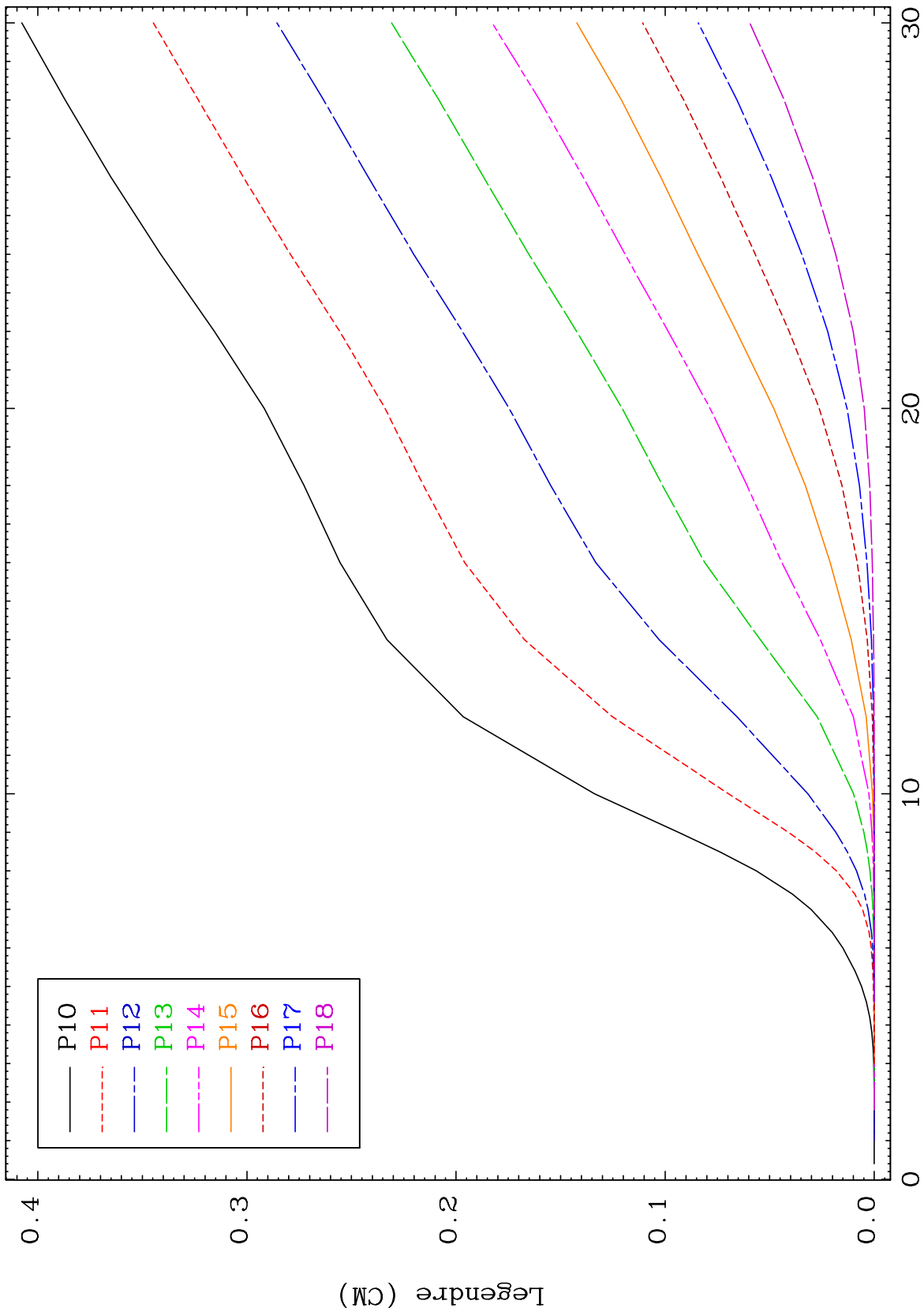
Incident Energy (MeV)

84-Po-207

MAT 8428

Elastic Legendre Coefficients

84-Po-207



17

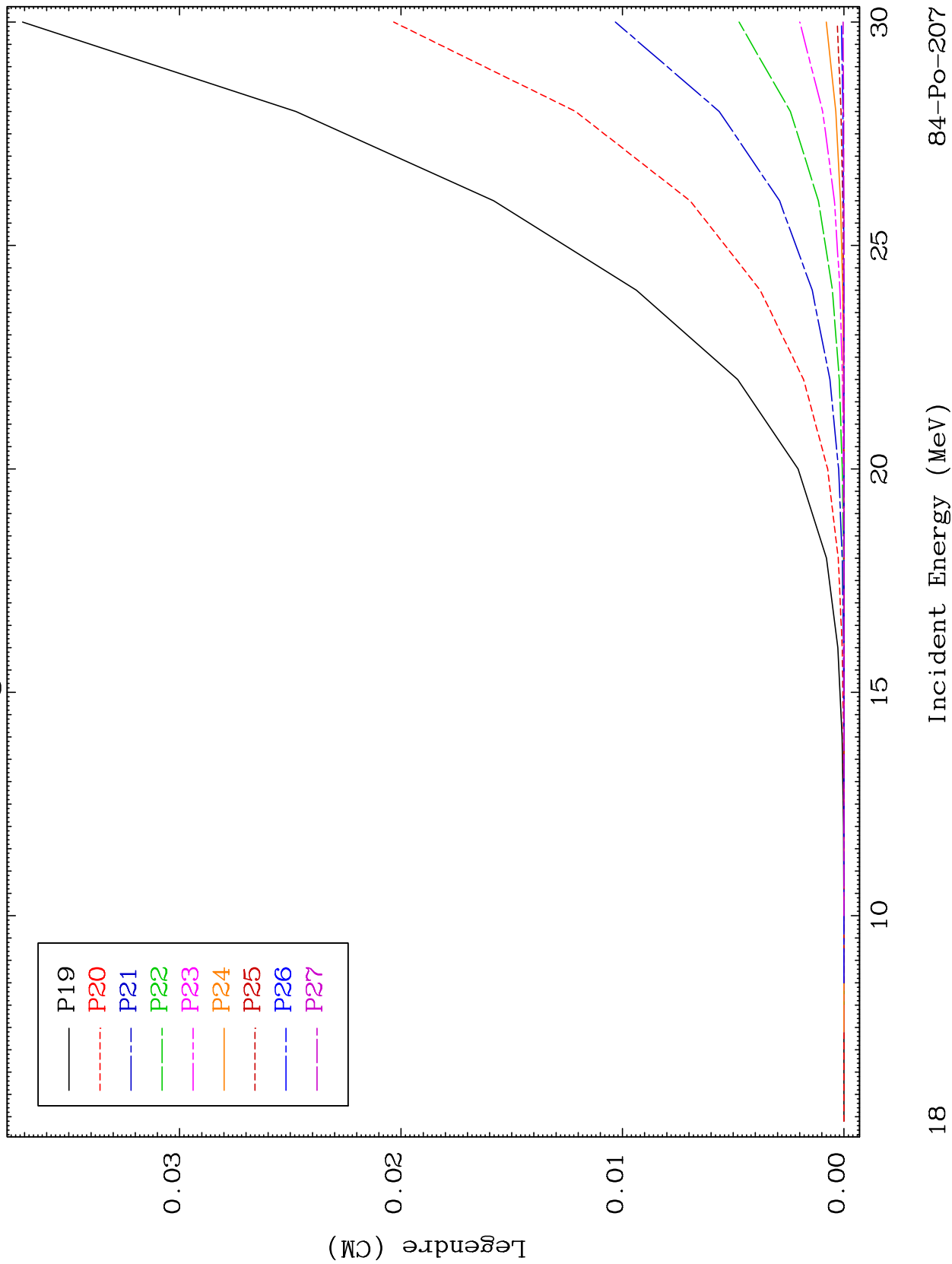
Incident Energy (MeV)

84-Po-207

MAT 8428

Elastic Legendre Coefficients

84-Po-207



18

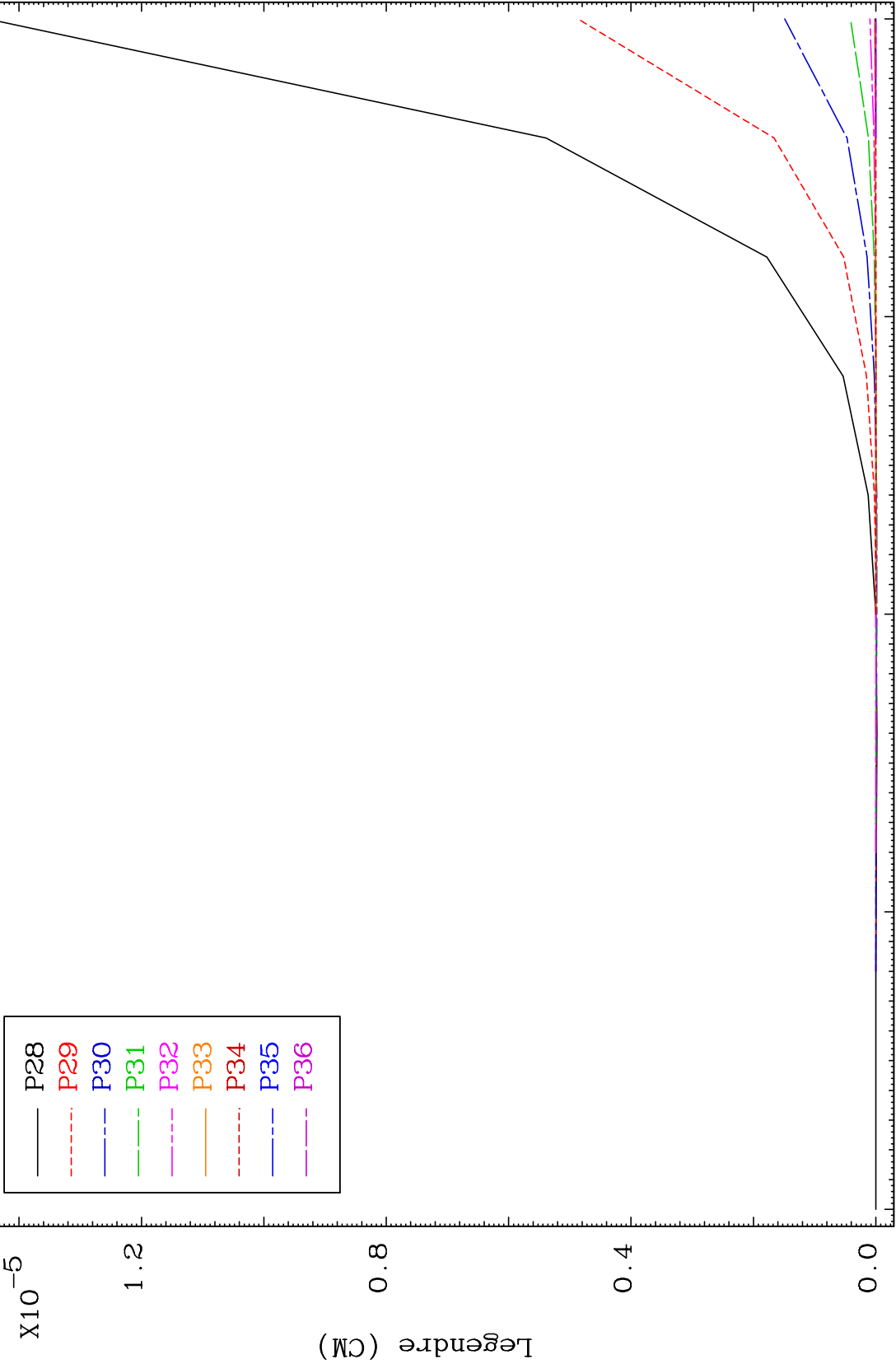
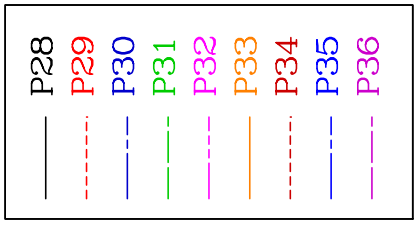
Incident Energy (MeV)

84-Po-207

MAT 8428

Elastic Legendre Coefficients

84-Po-207



30

25

20

15

10

Incident Energy (MeV)

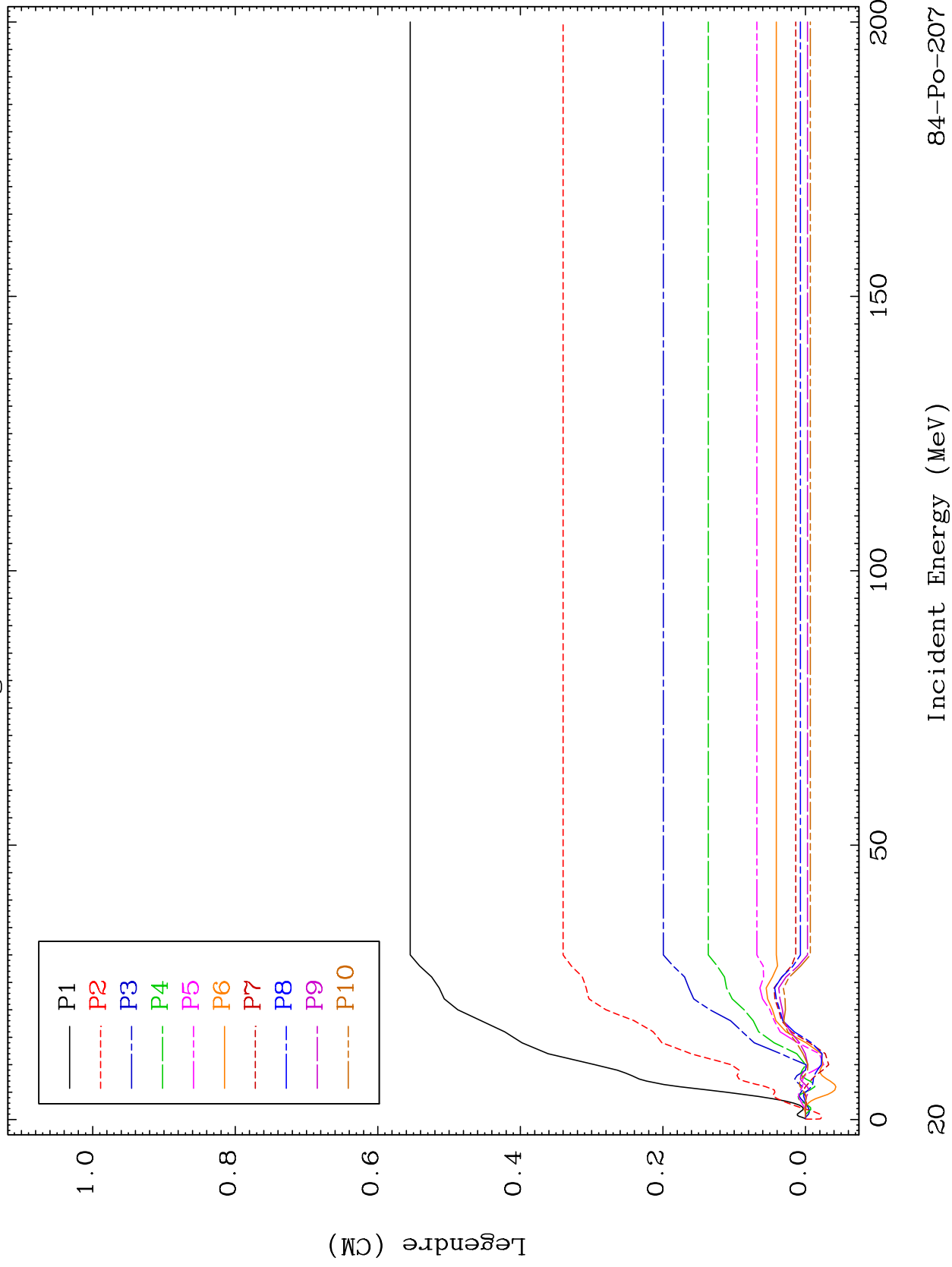
84-Po-207

19

MAT 8428

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

84-Po-207



84-Po-207

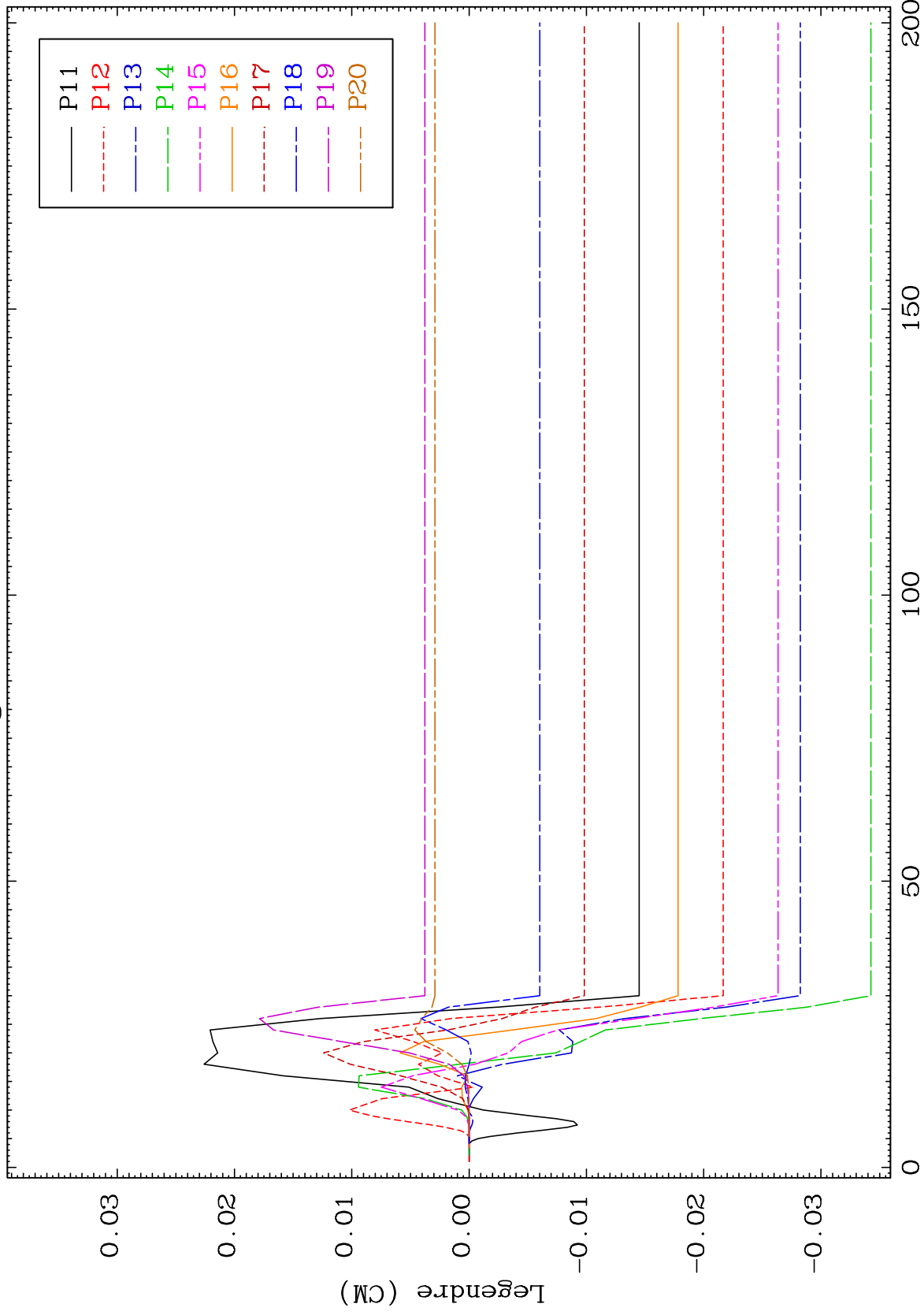
Incident Energy (MeV)

20

MAT 8428

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

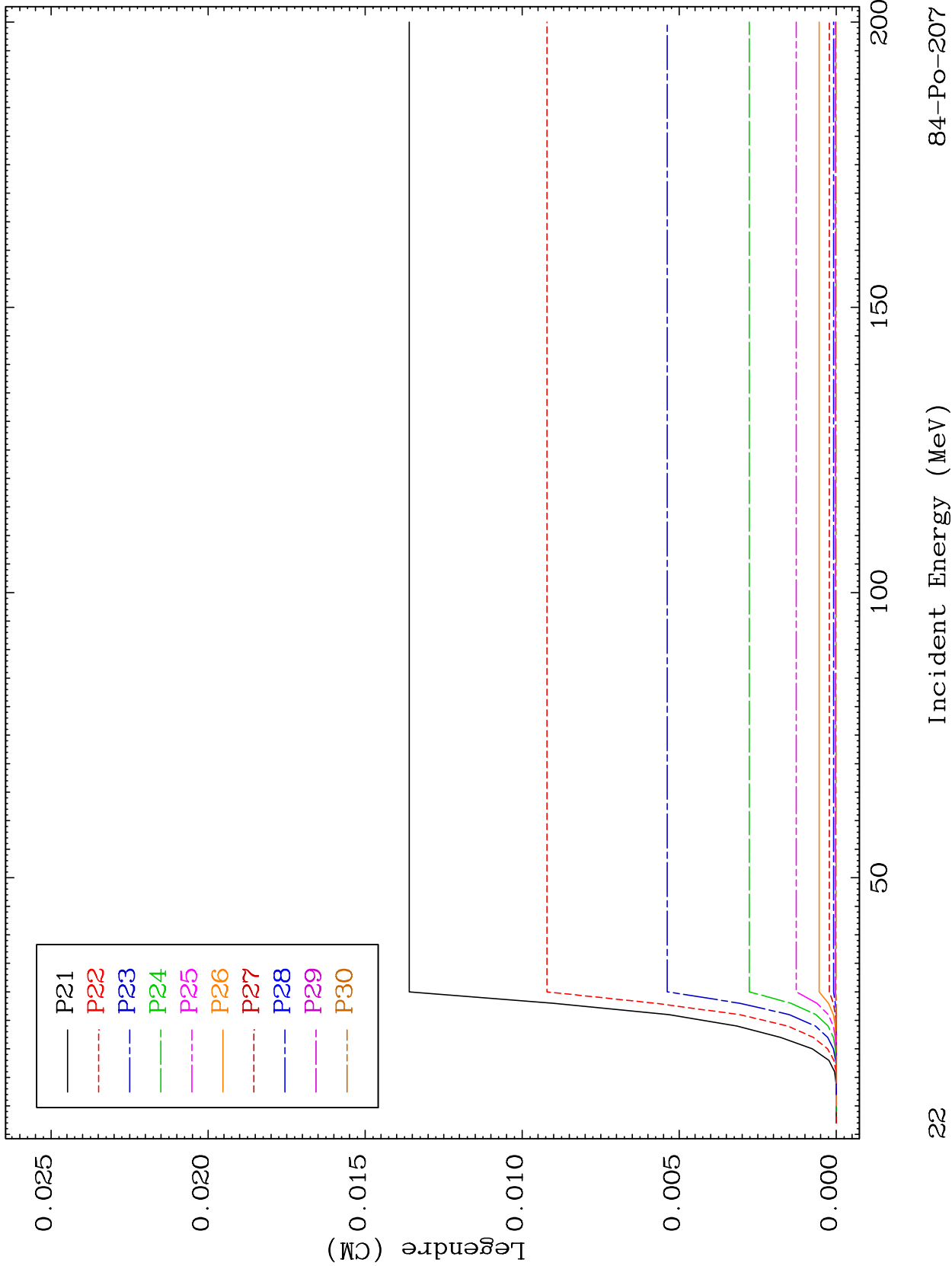
84-Po-207



21

Incident Energy (MeV)

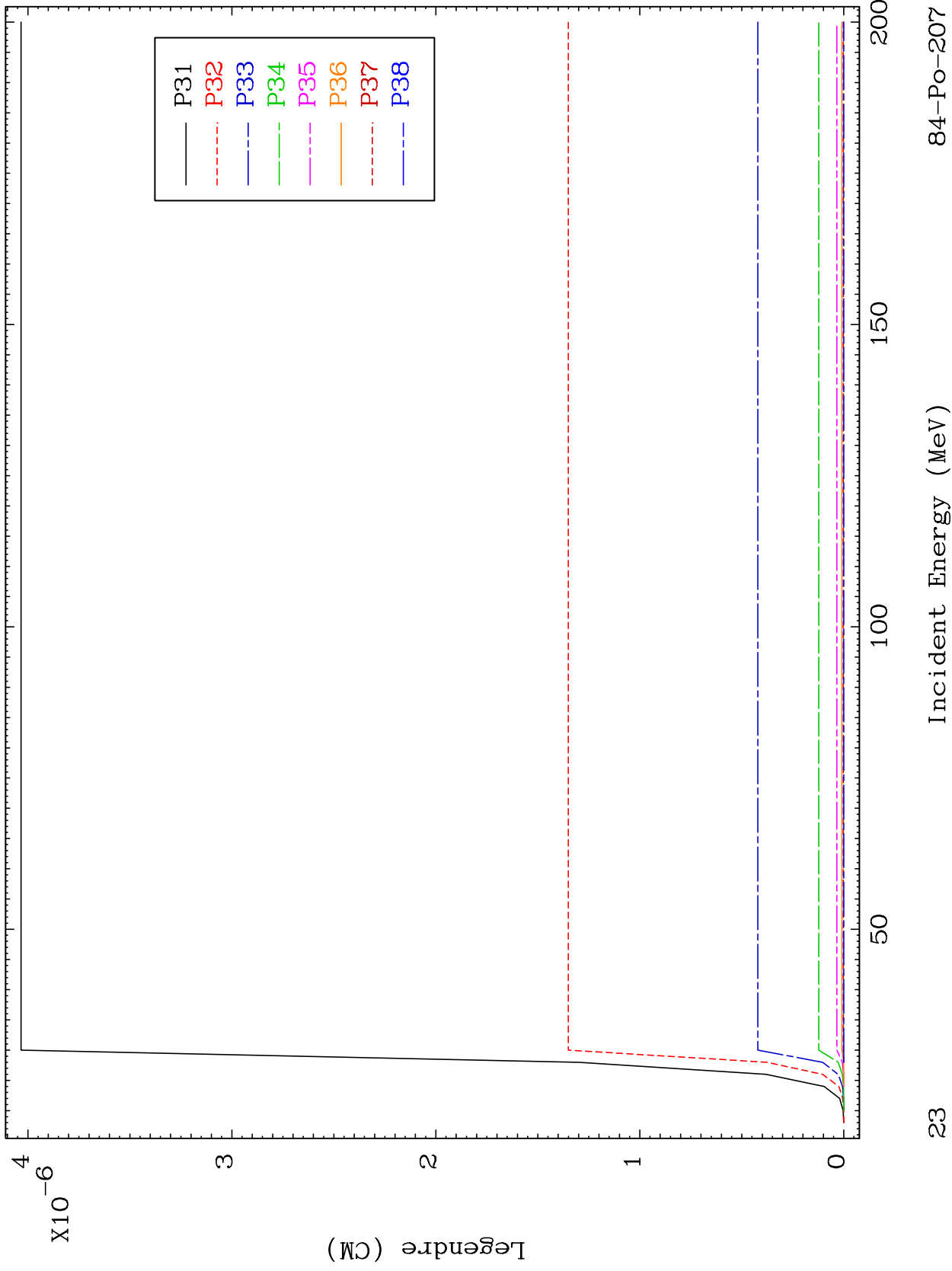
84-Po-207



MAT 8428

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

84-Po-207



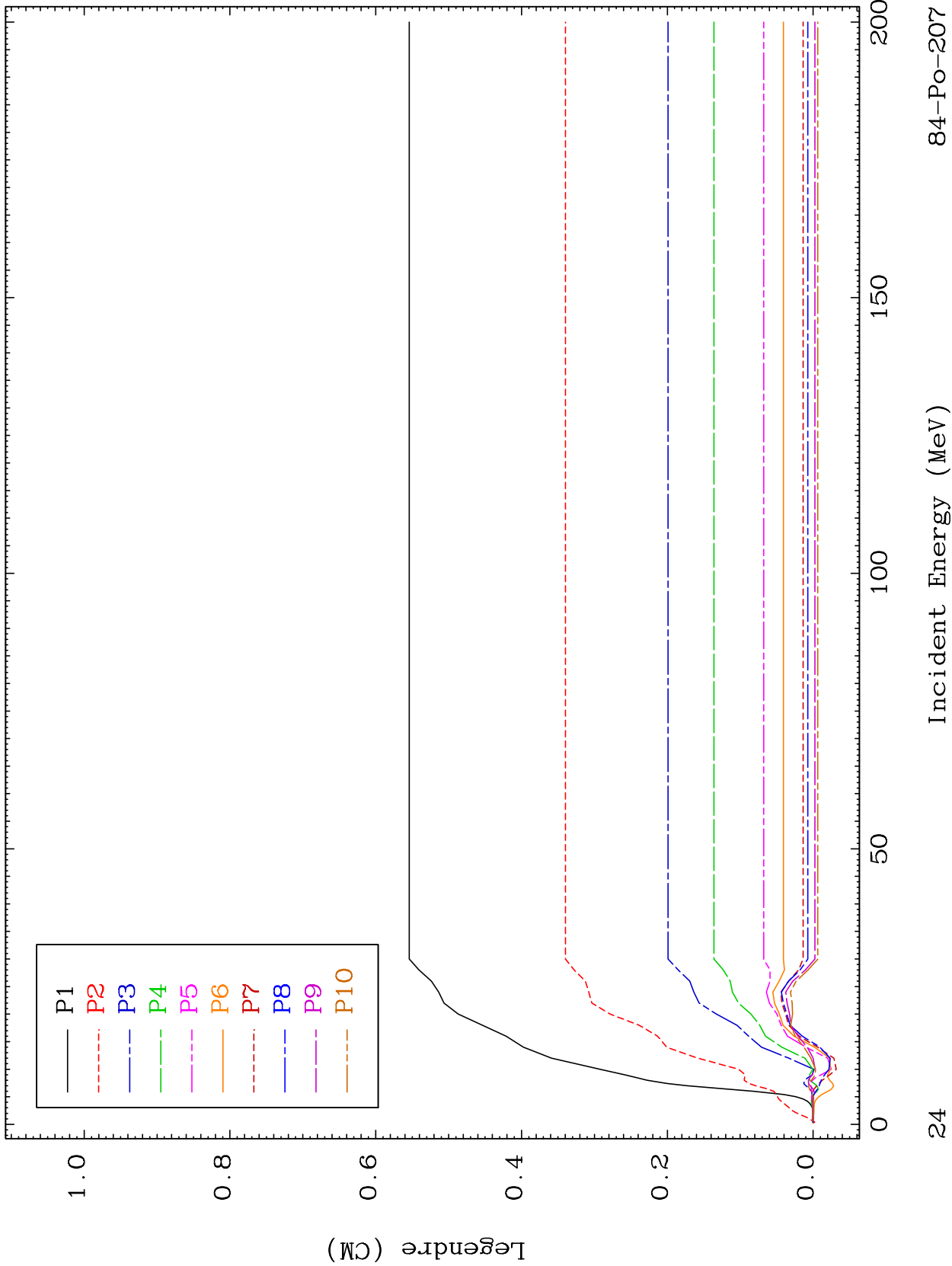
23

84-Po-207

MAT 8428

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

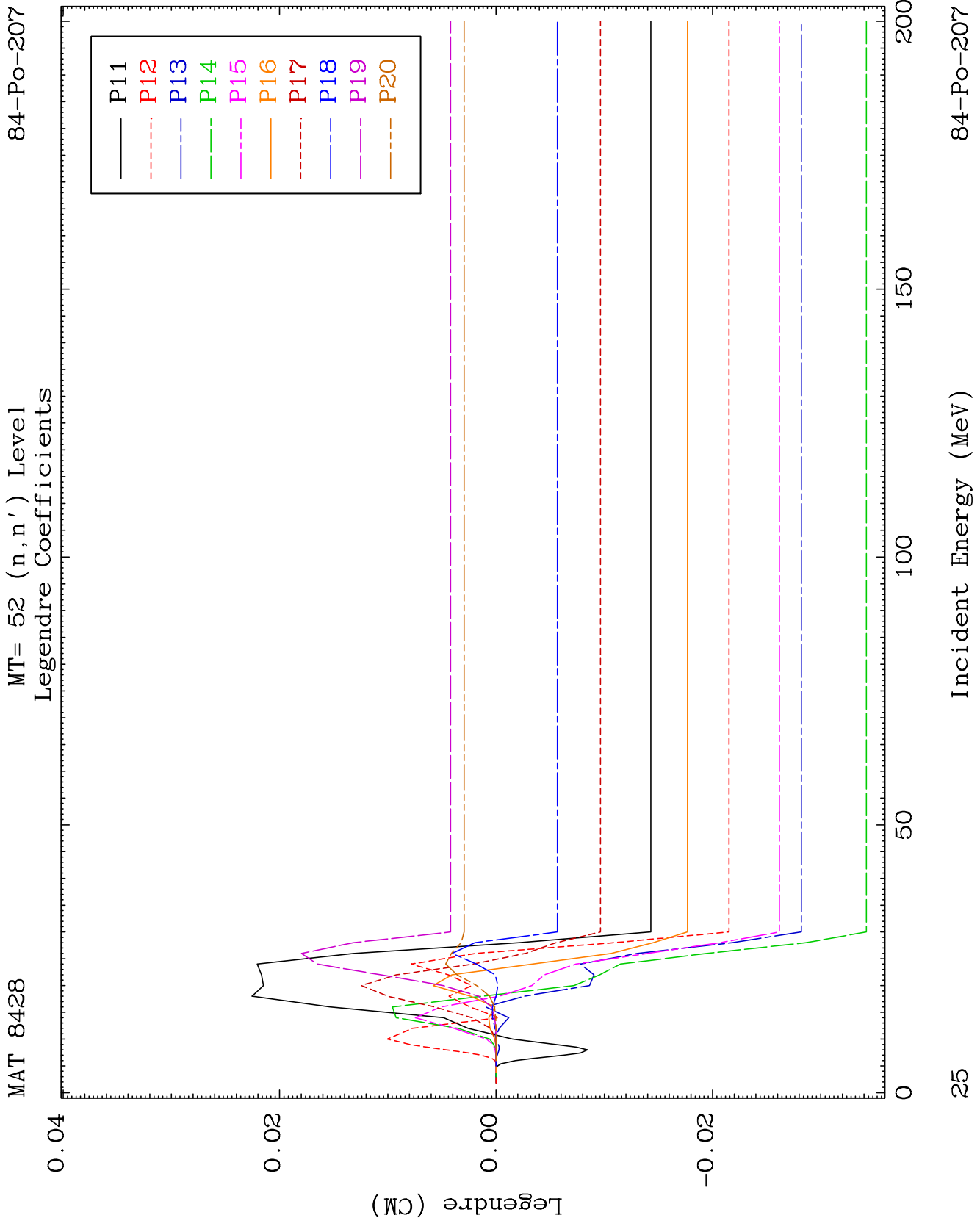
84-Po-207

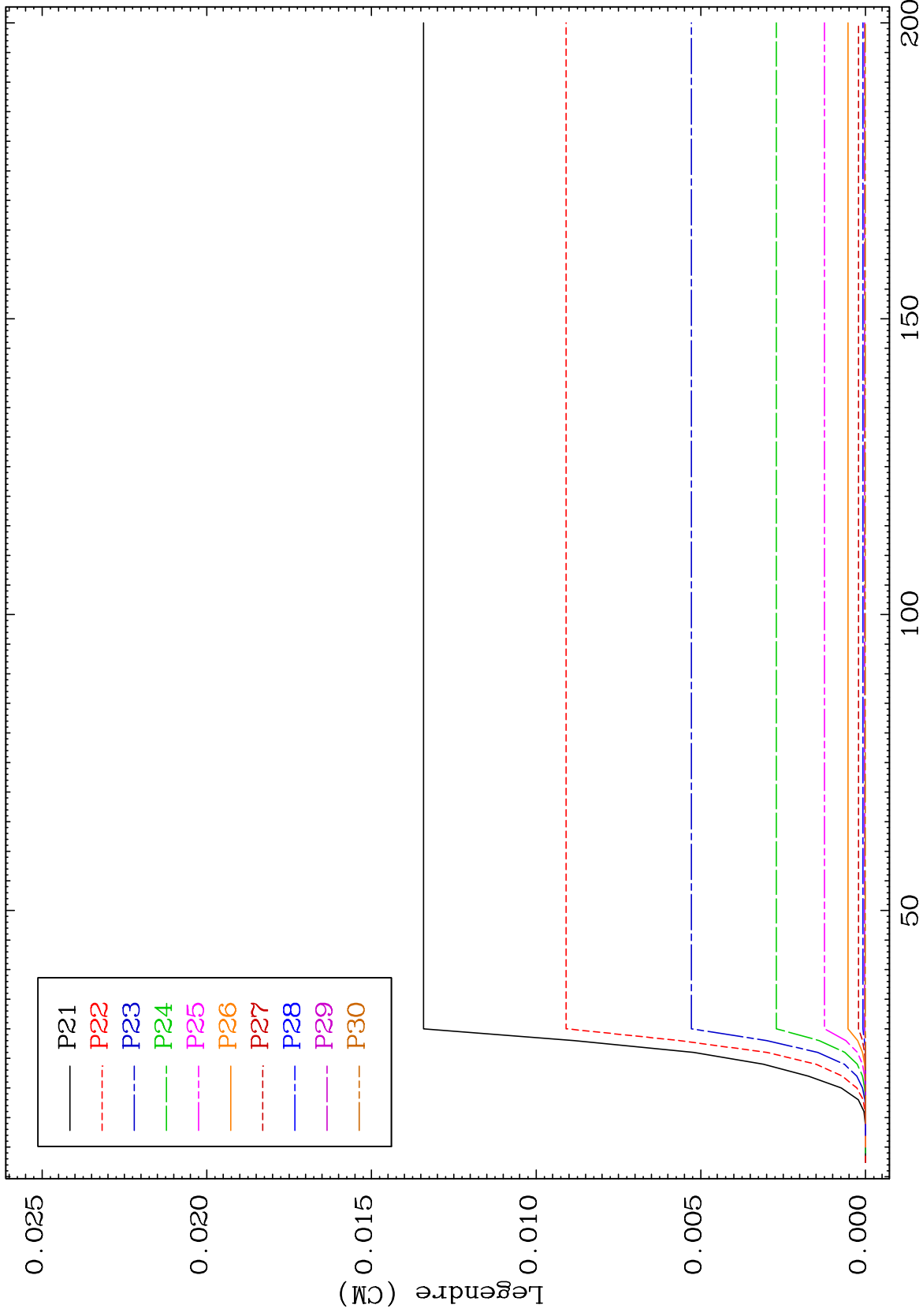


24

Incident Energy (MeV)

84-Po-207

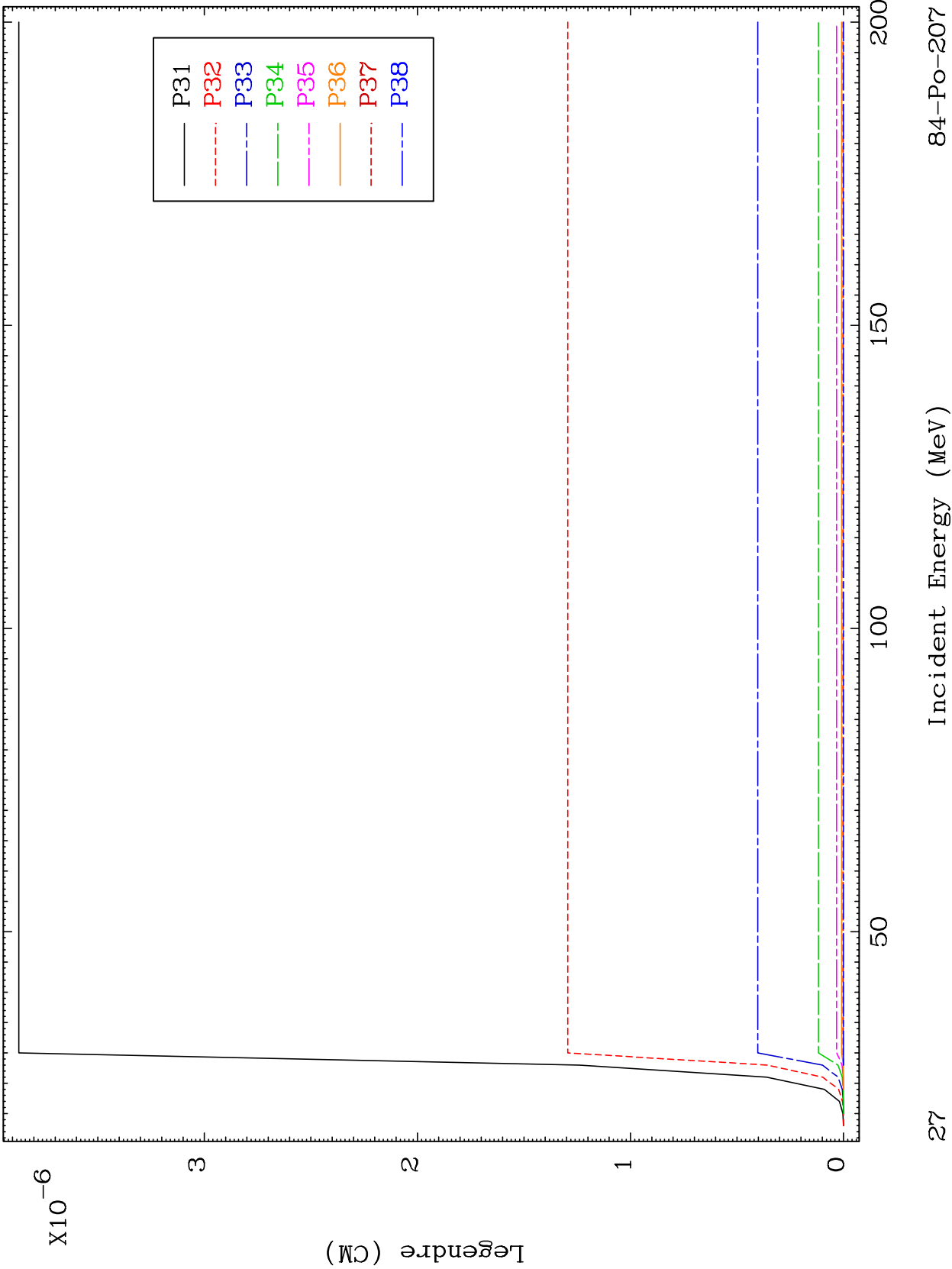




MAT 8428

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

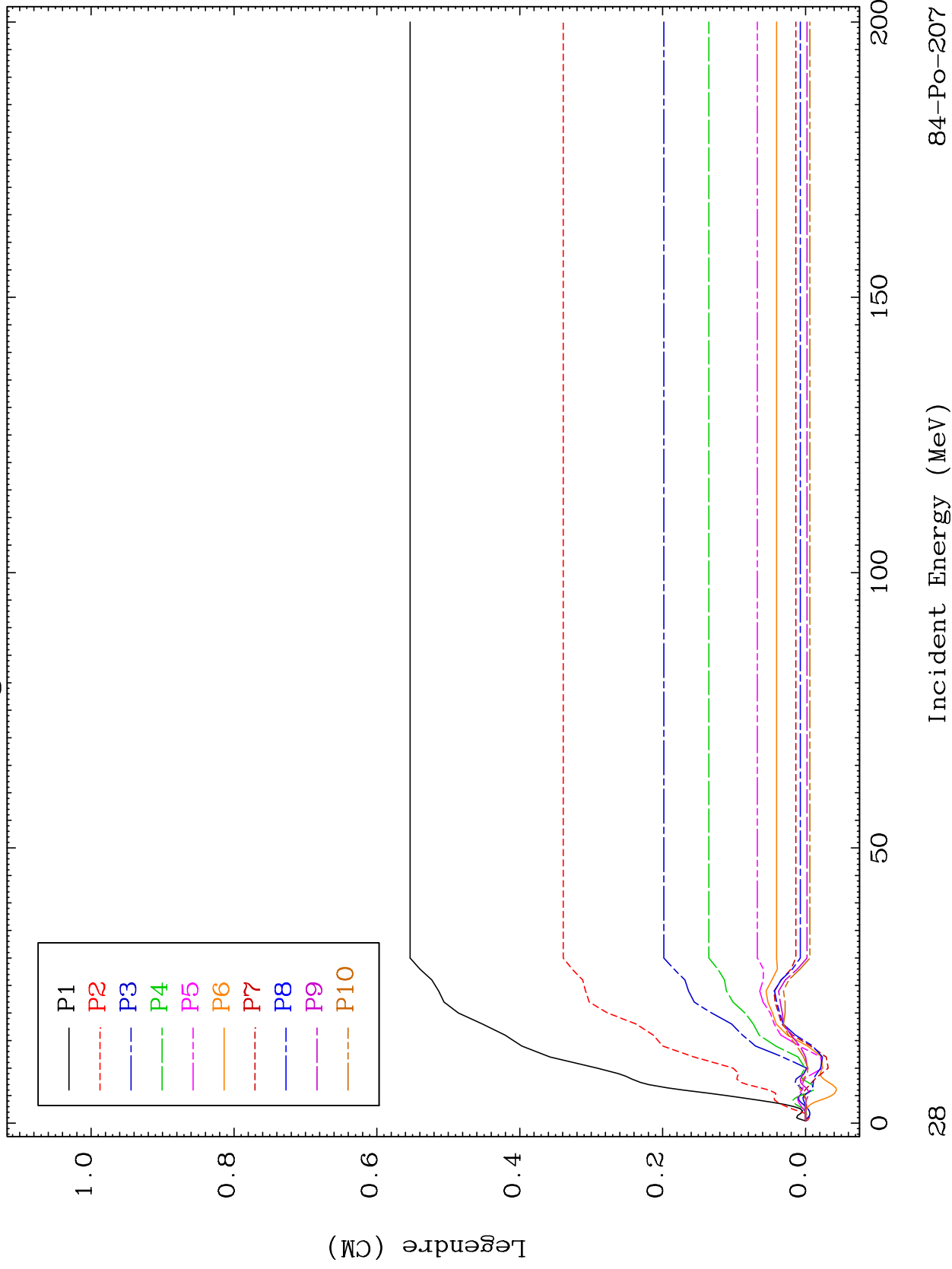
84-Po-207



MAT 8428

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

84-Po-207

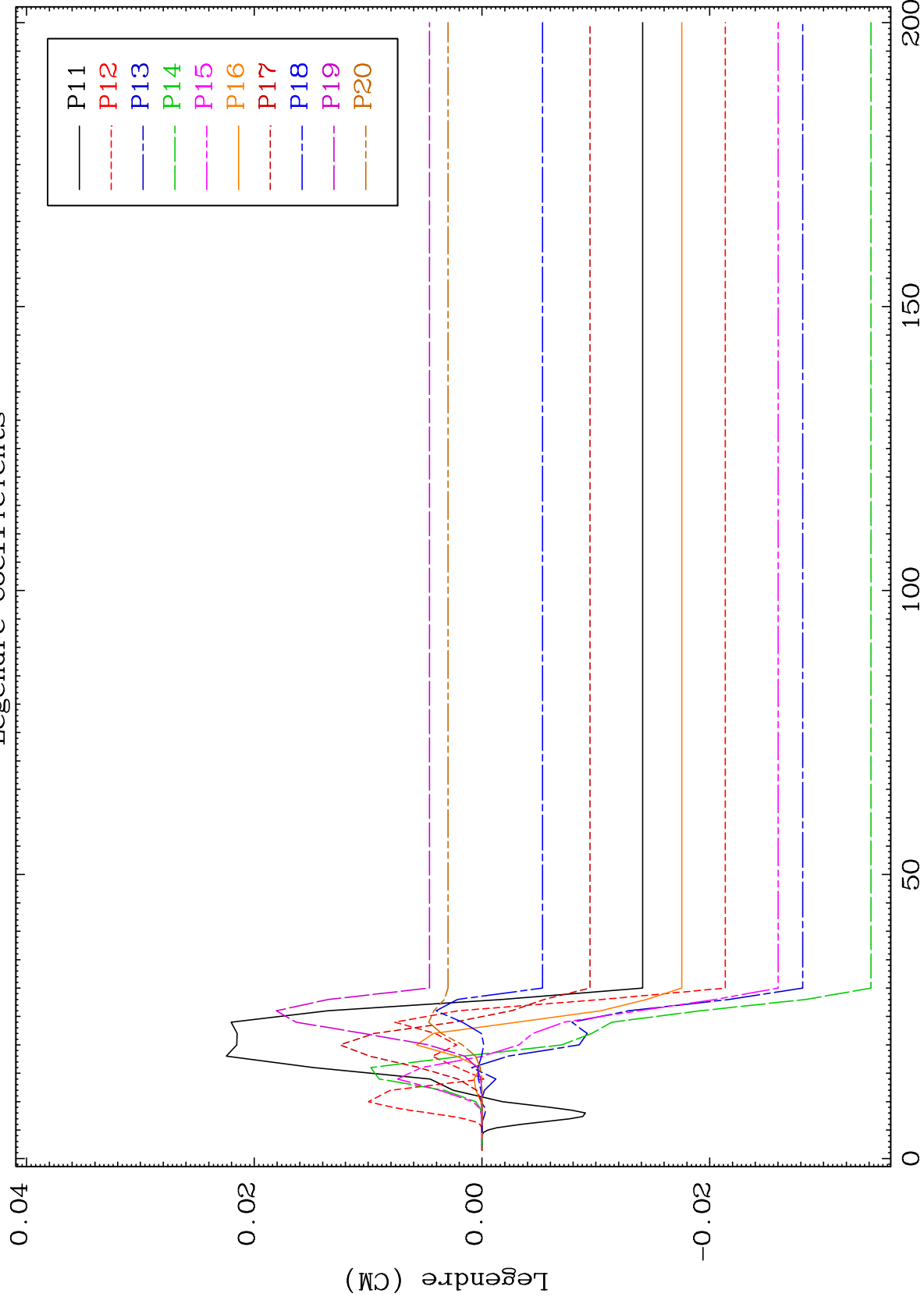


28

MAT 8428

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

84-Po-207



29

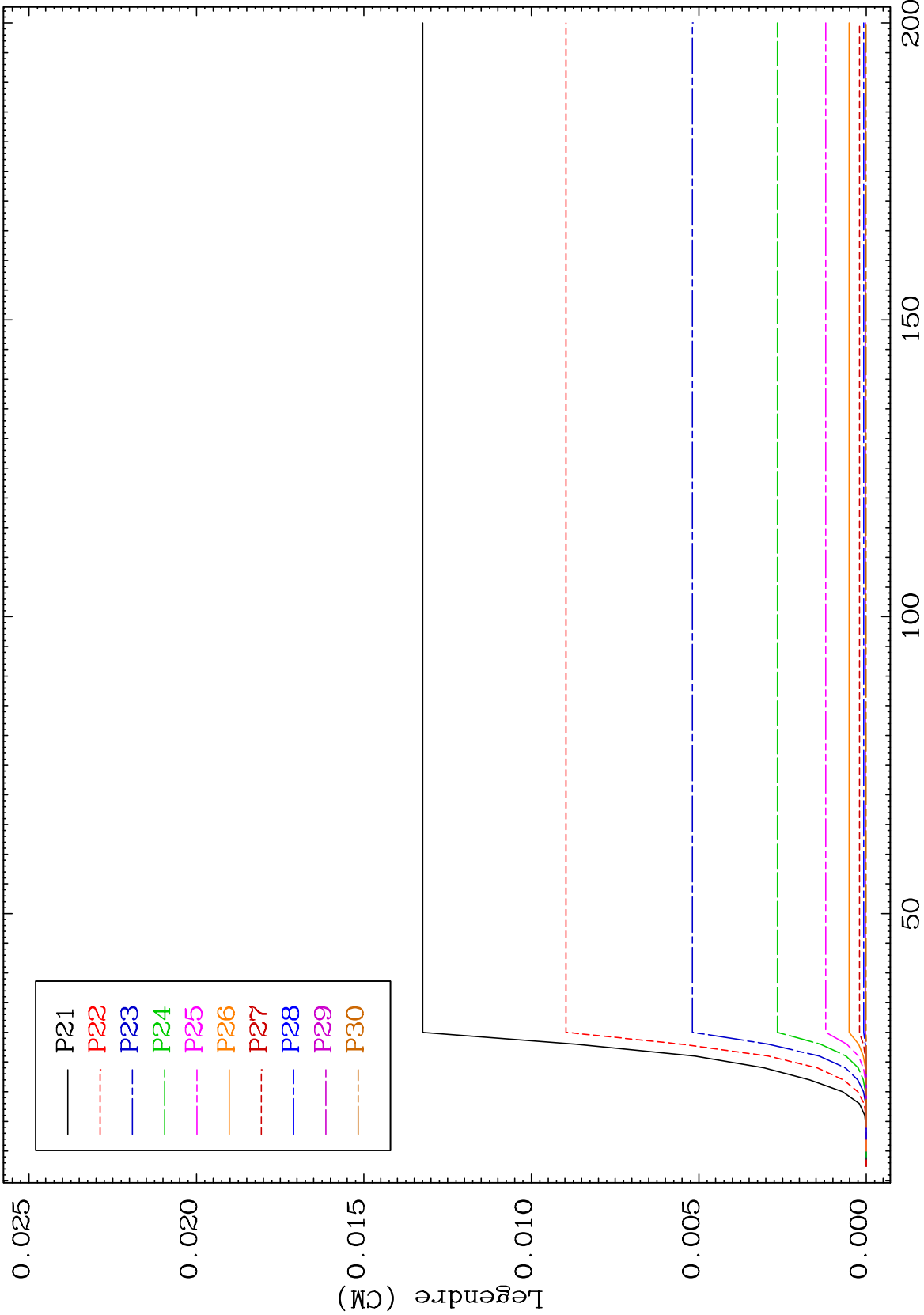
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



30

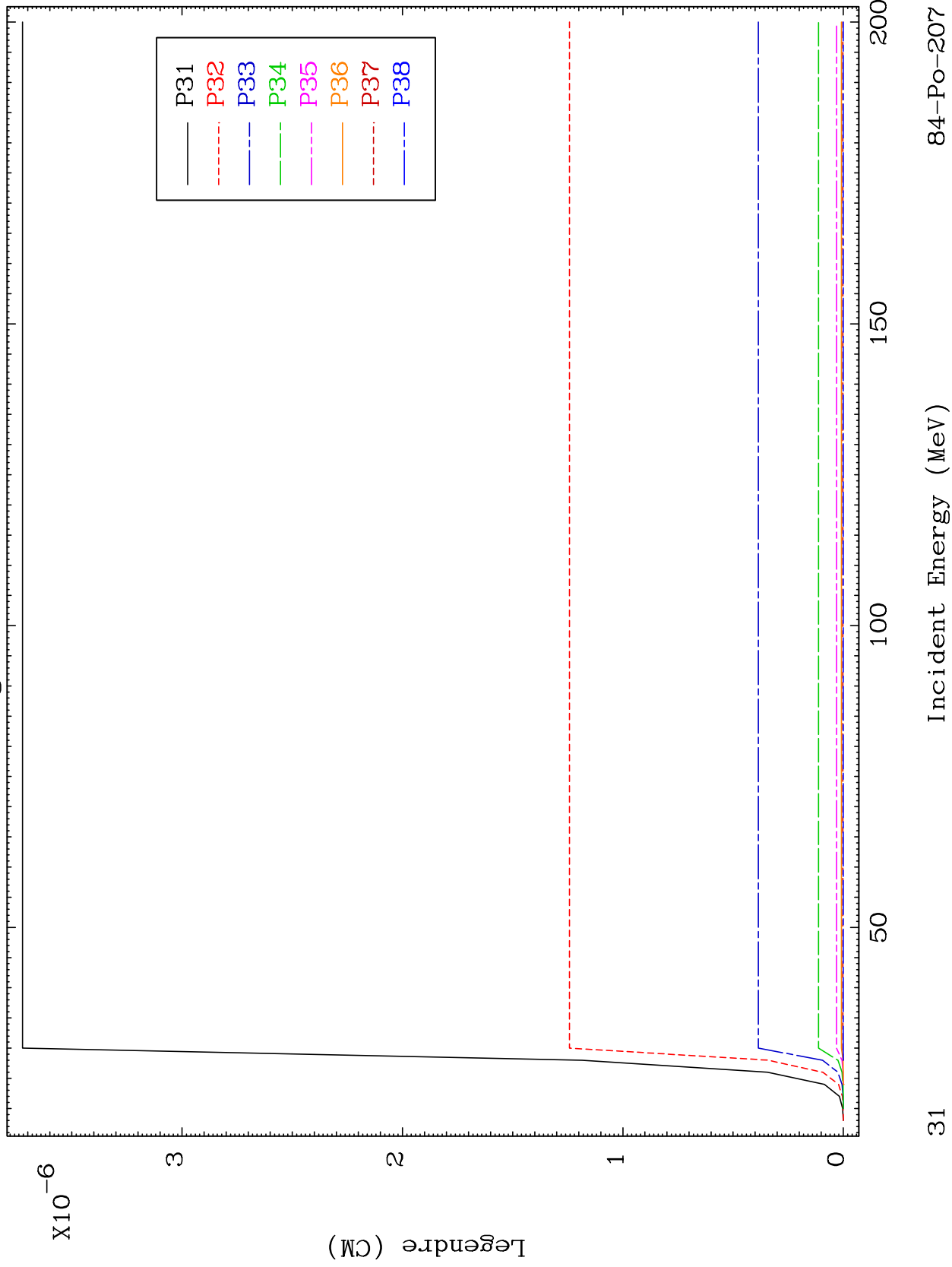
Incident Energy (MeV)

84-Po-207

MAT 8428

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

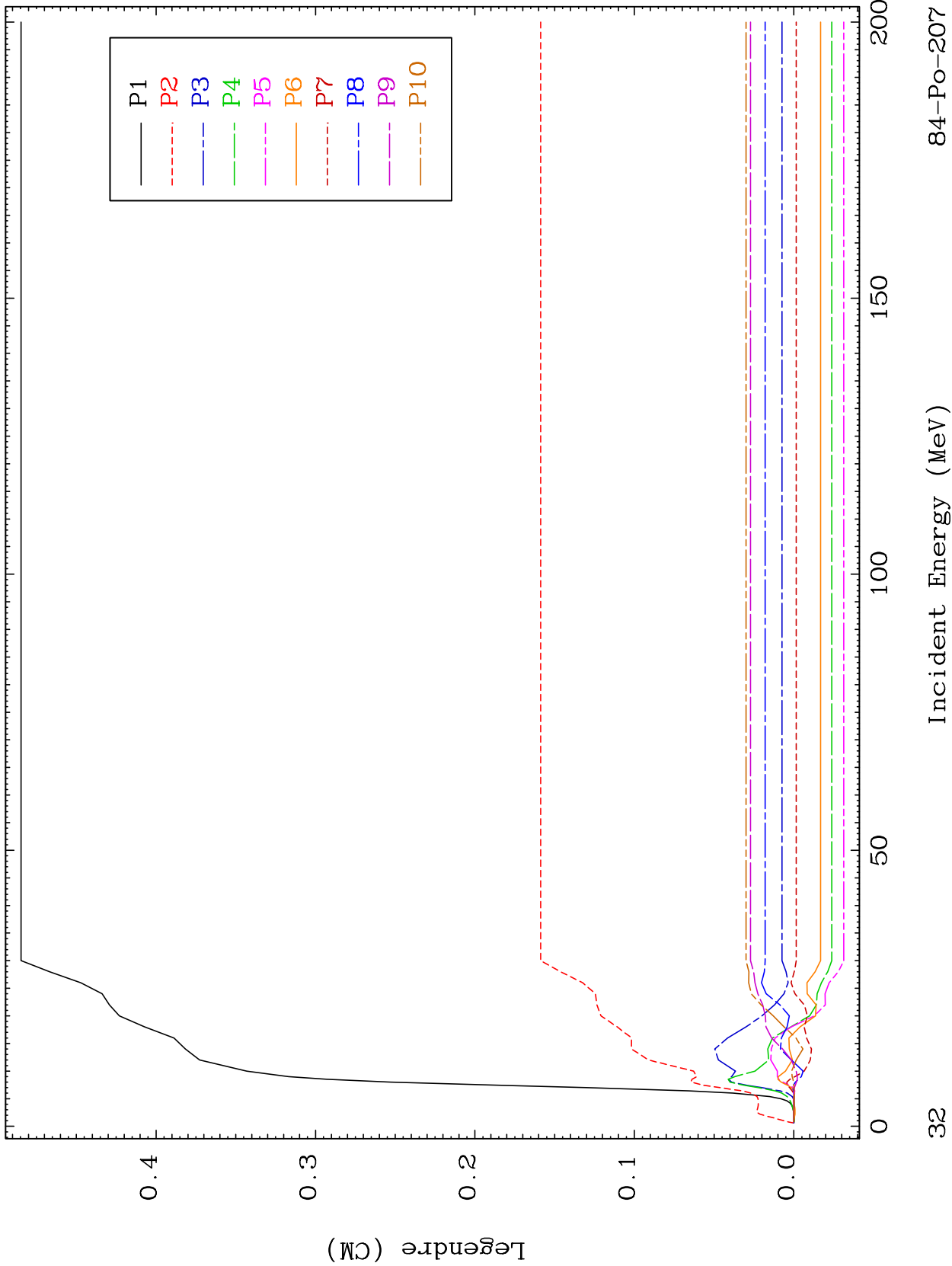
84-Po-207



MAT 8428

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

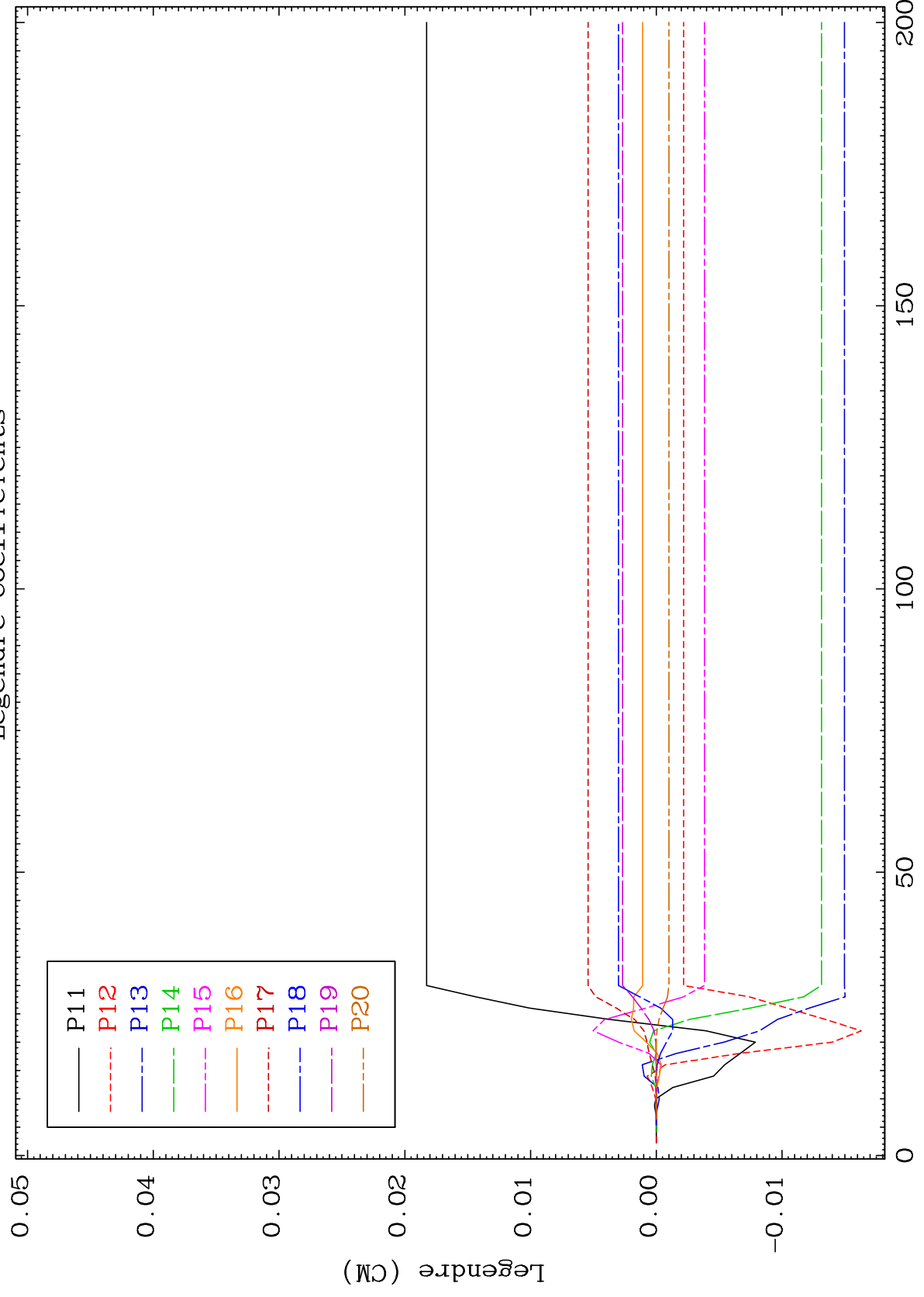
84-Po-207

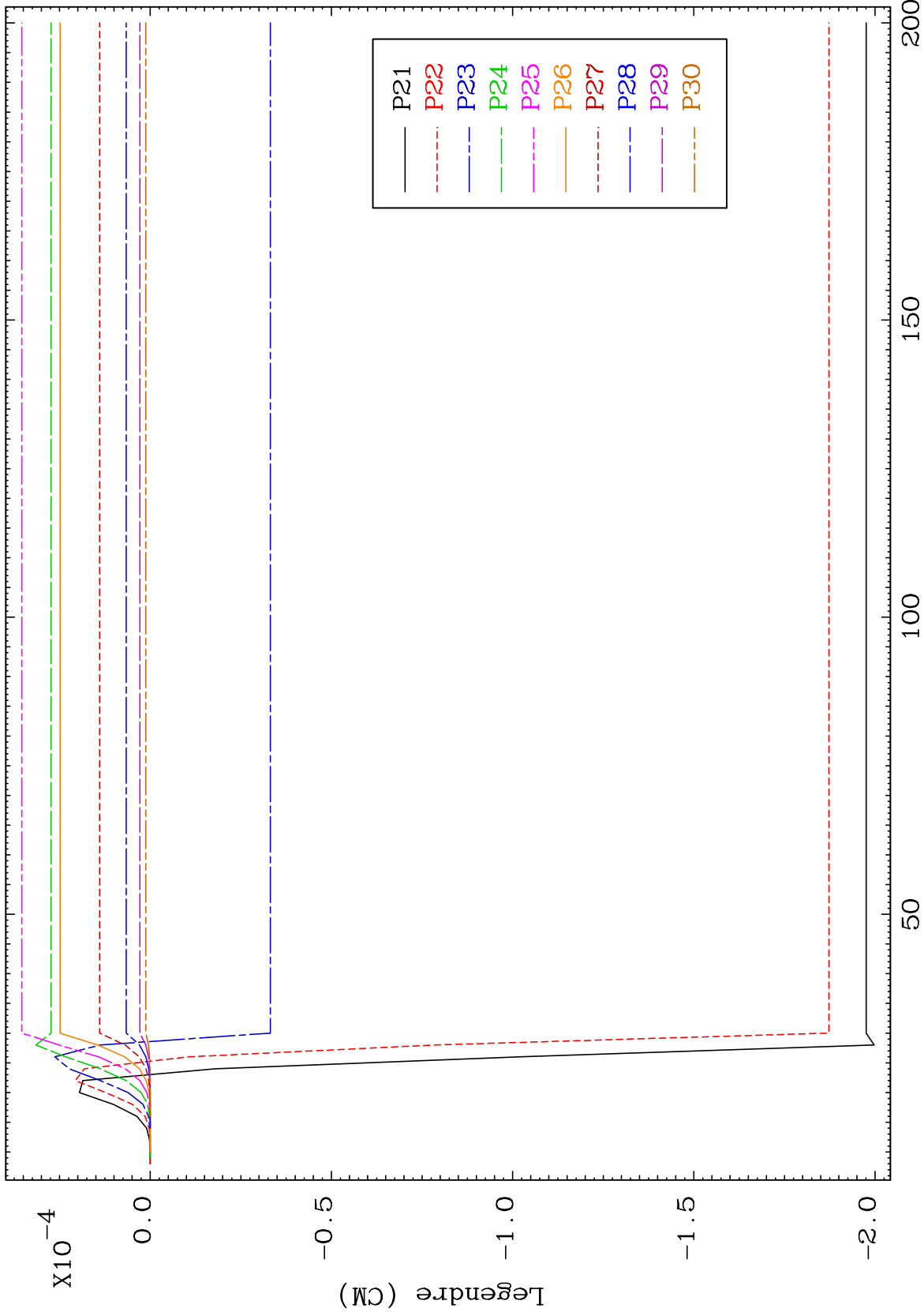


84-Po-207

Incident Energy (MeV)

32

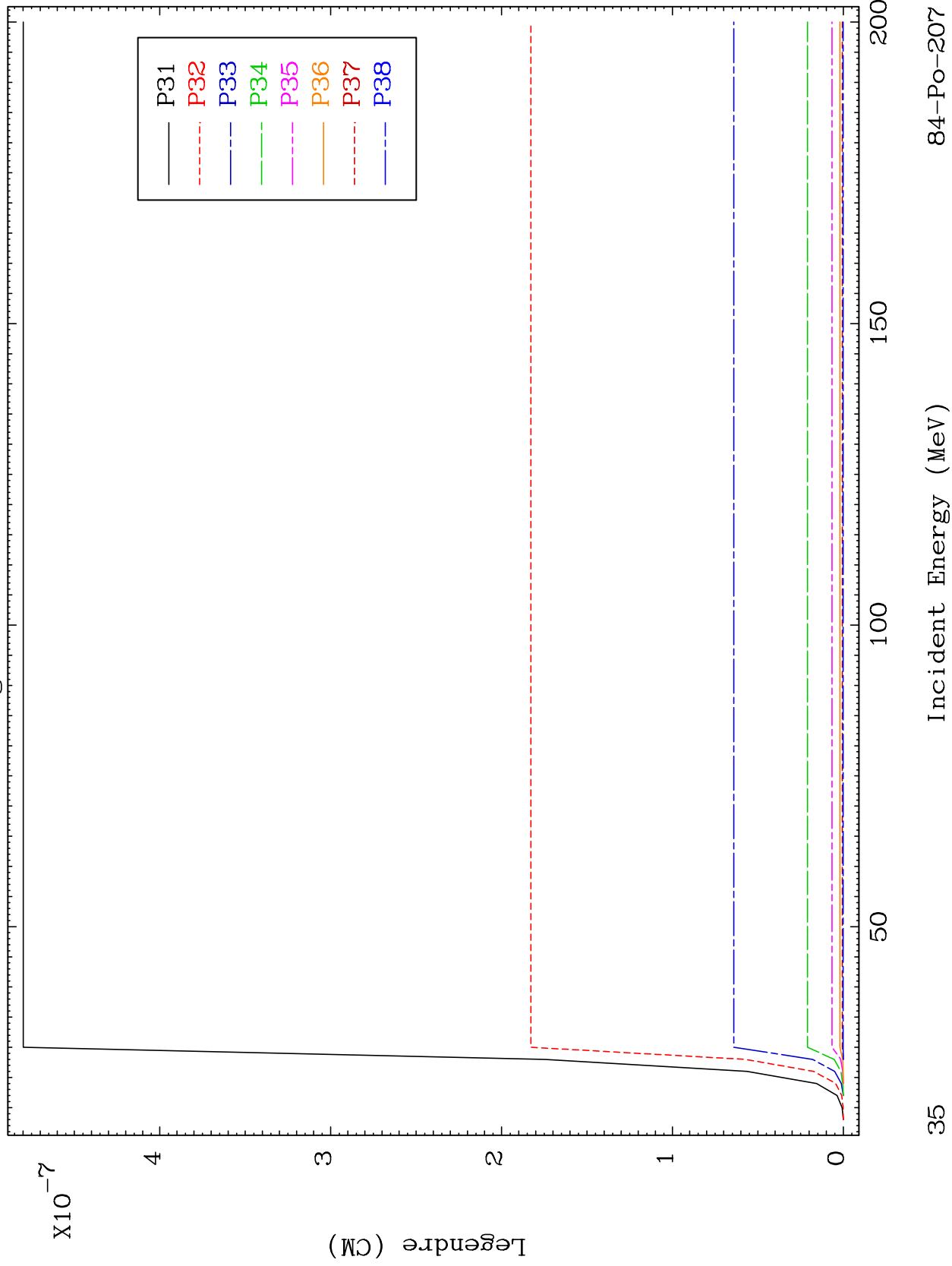




MAT 8428

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

84-Po-207



35

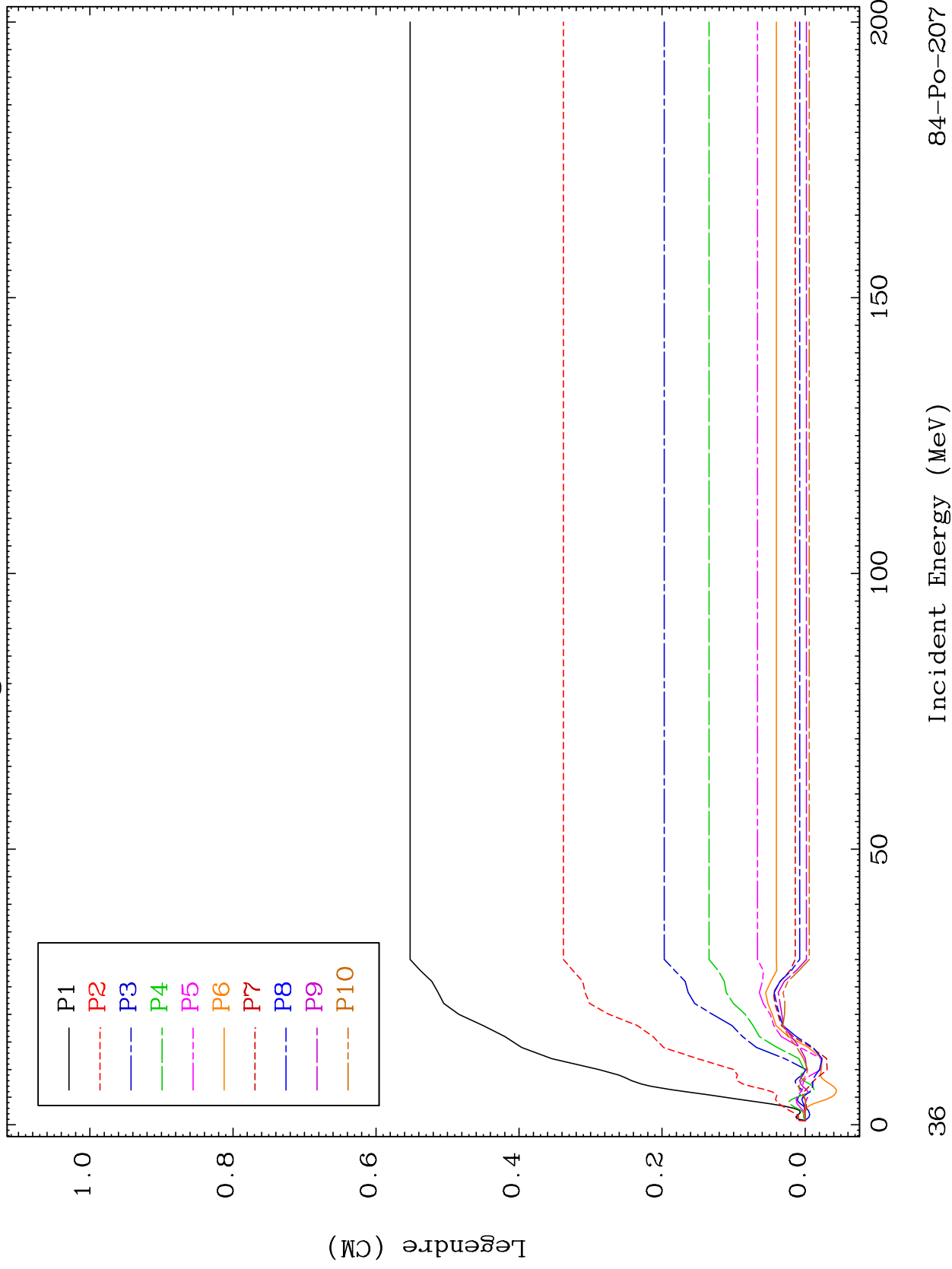
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207

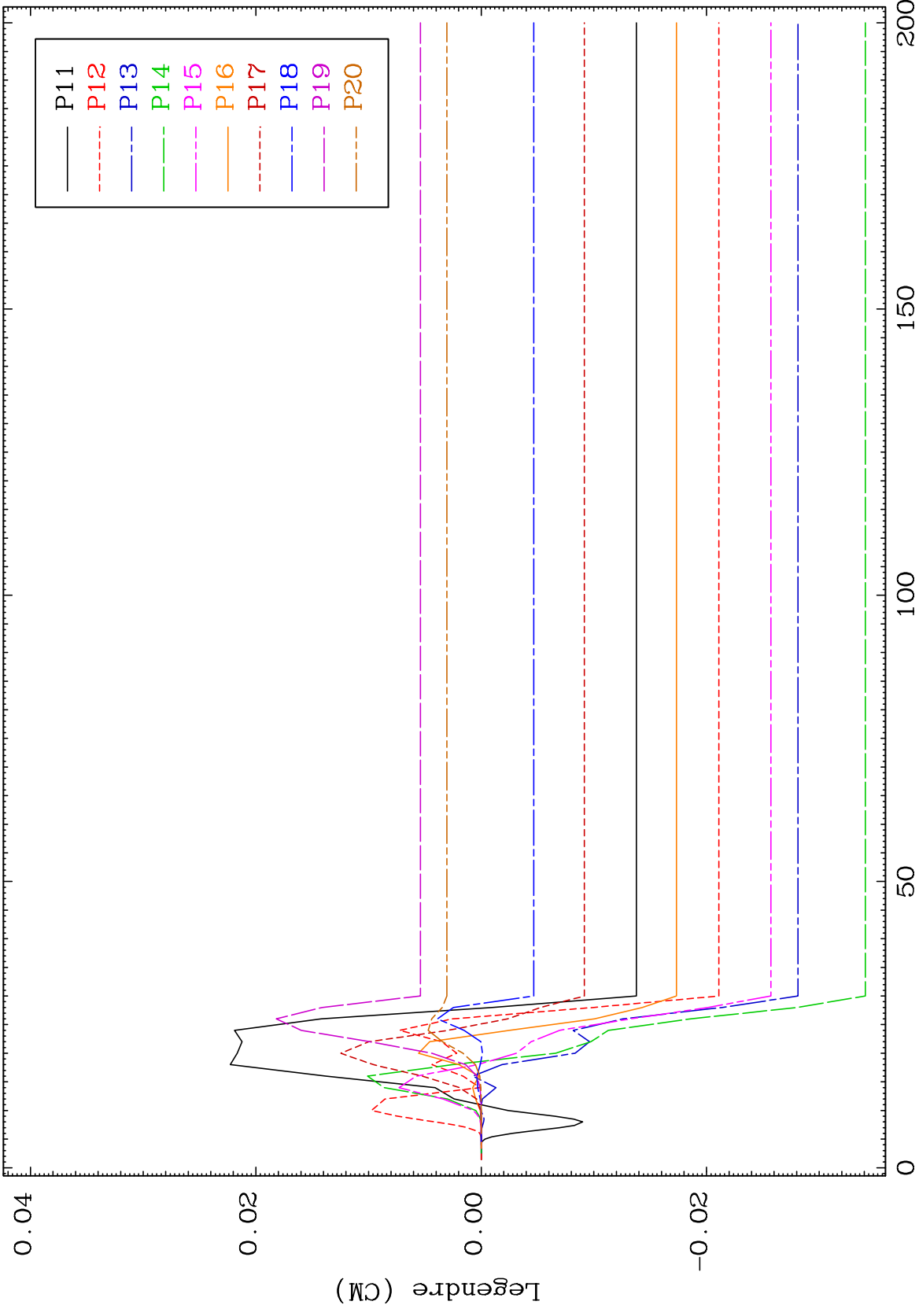


36

MAT 8428

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

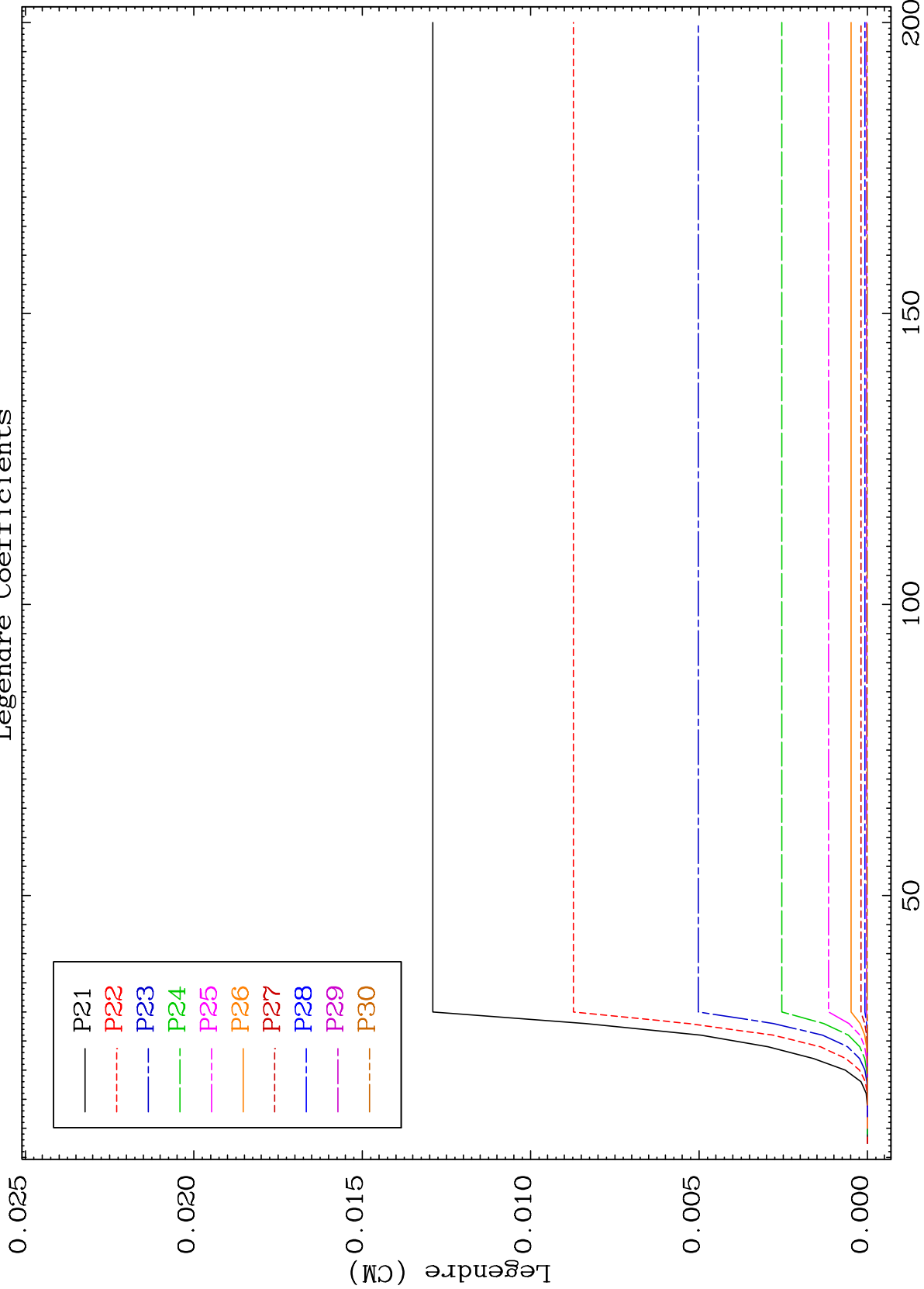
84-Po-207



37

Incident Energy (MeV)

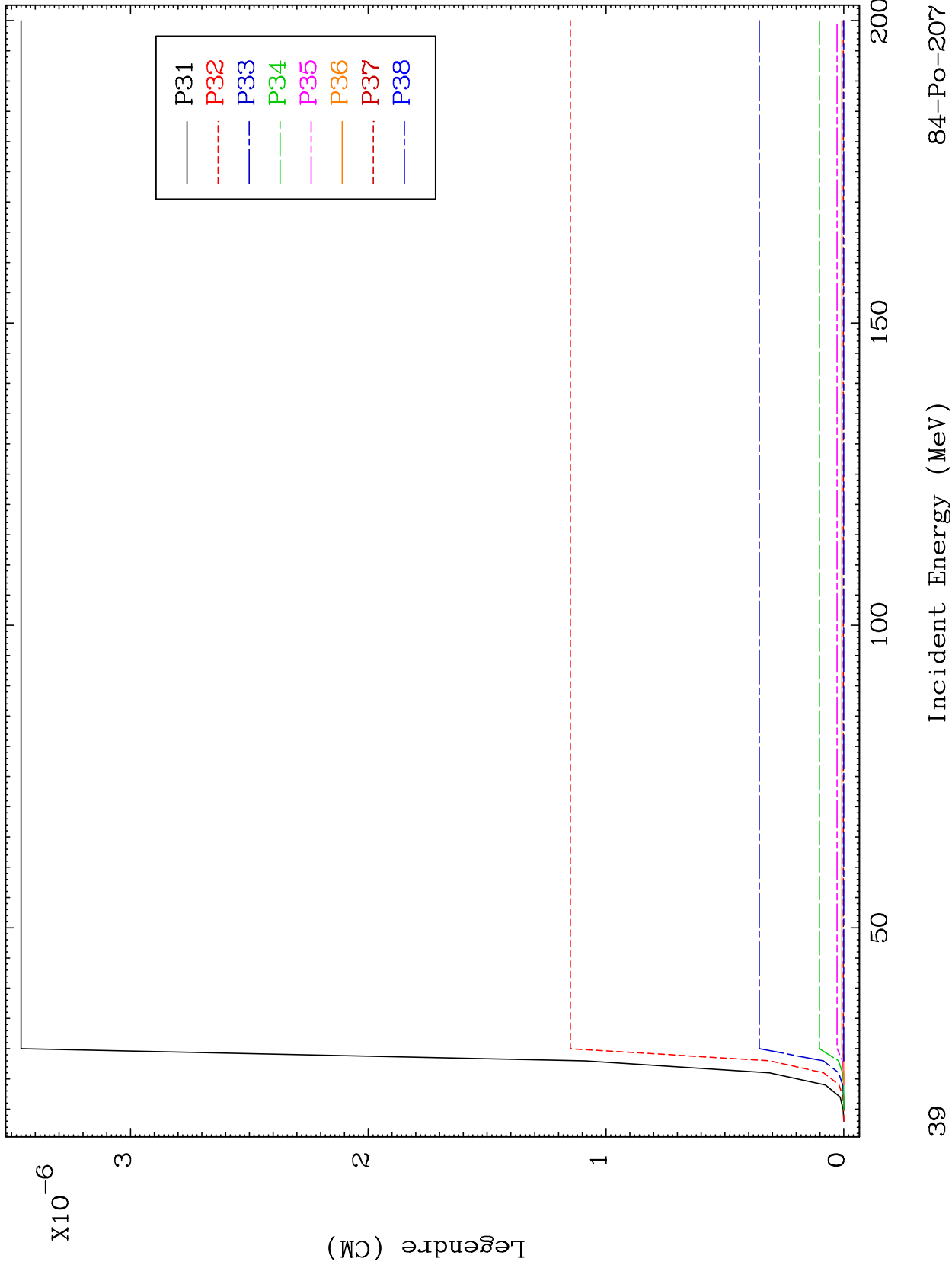
84-Po-207



MAT 8428

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

84-Po-207



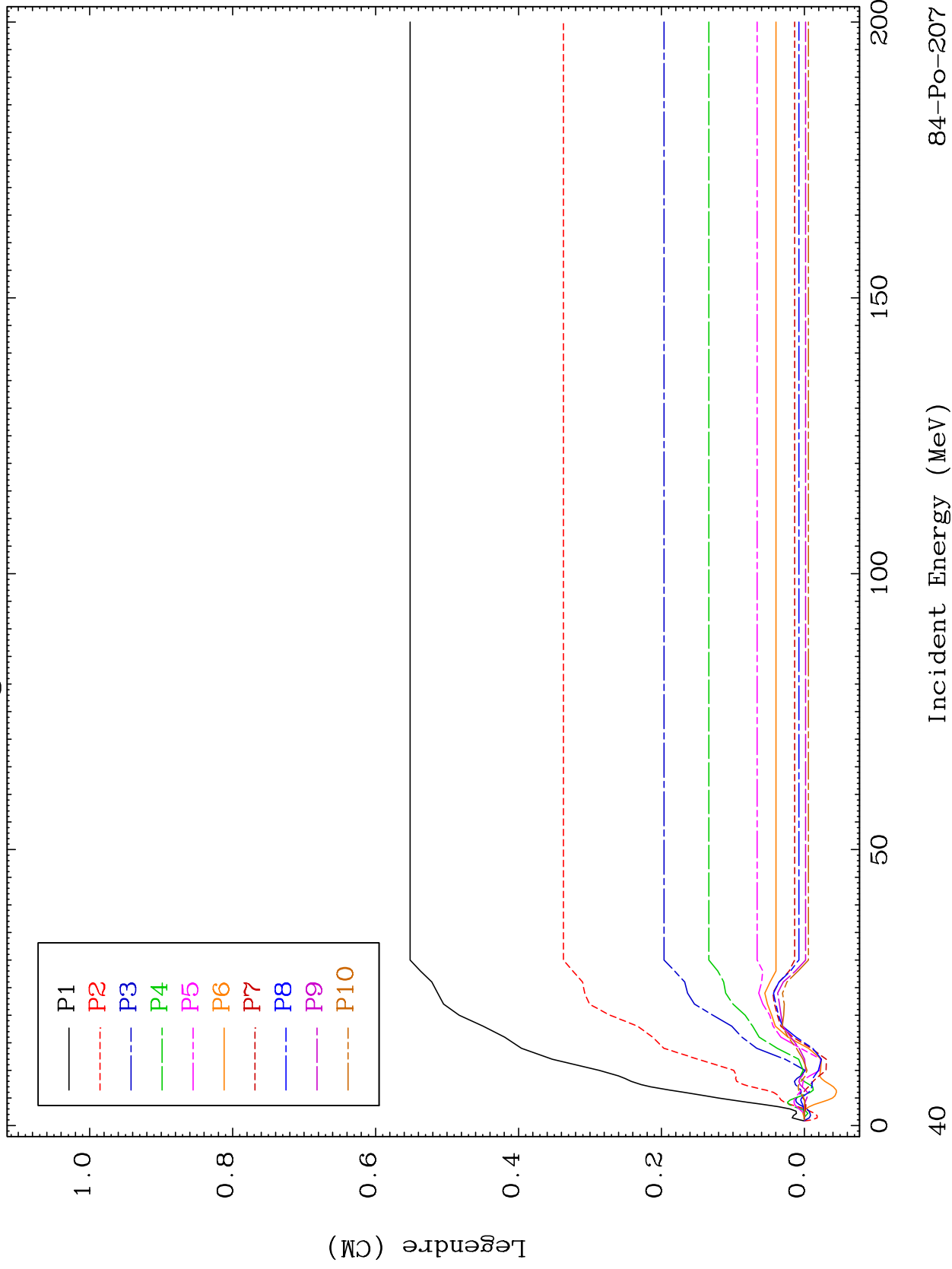
39

84-Po-207

MAT 8428

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

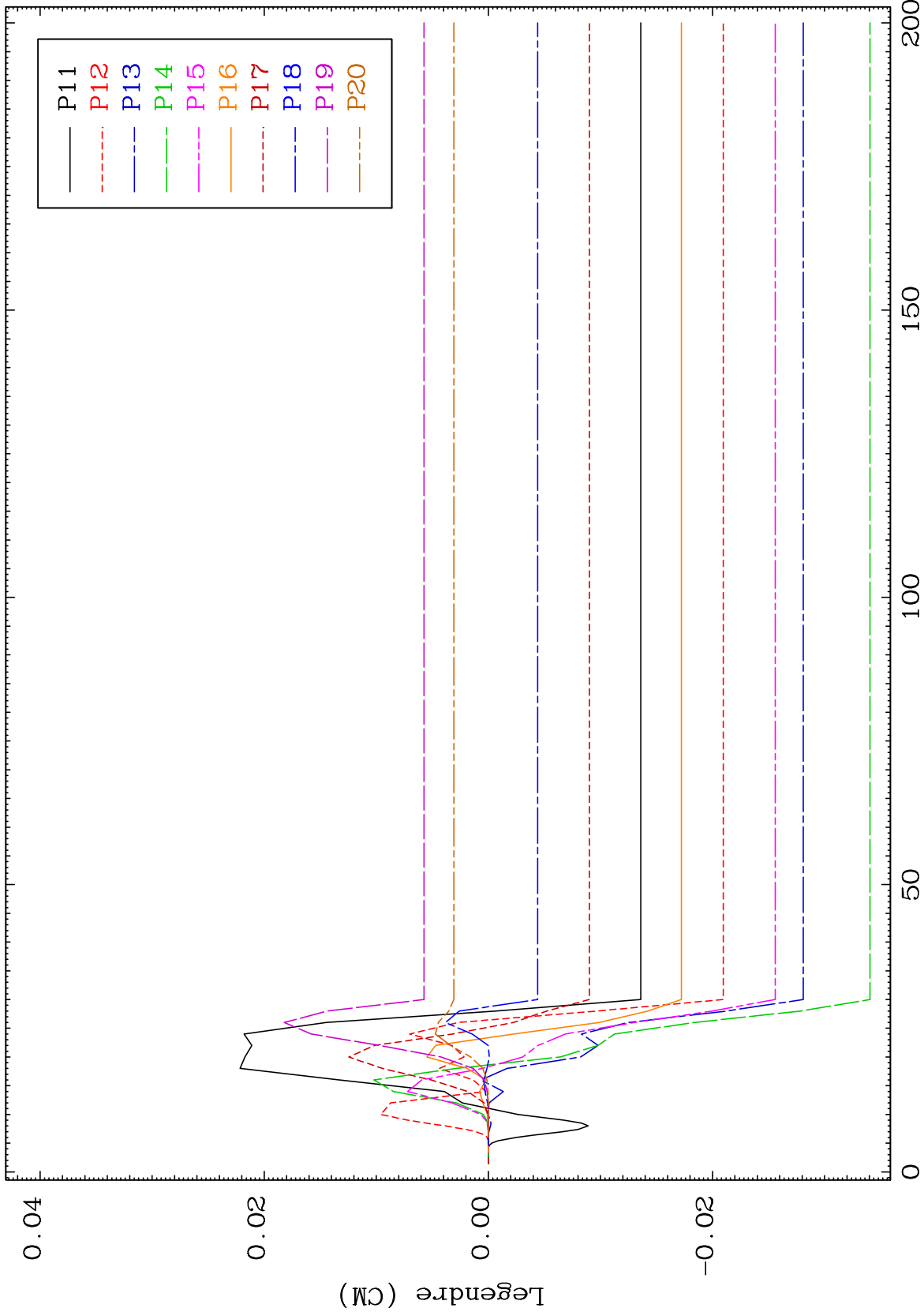
84-Po-207



MAT 8428

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

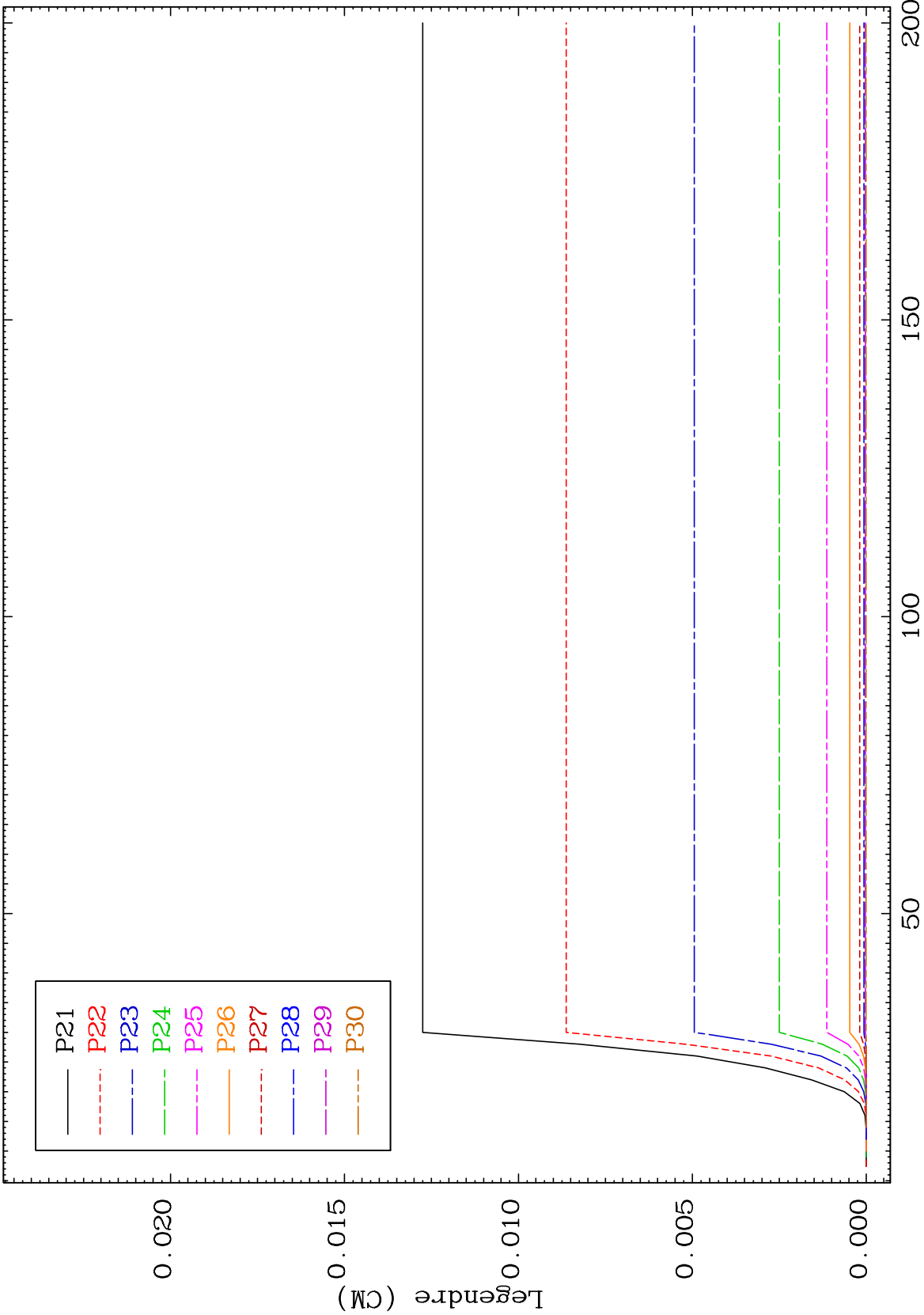
84-Po-207



41

Incident Energy (MeV)

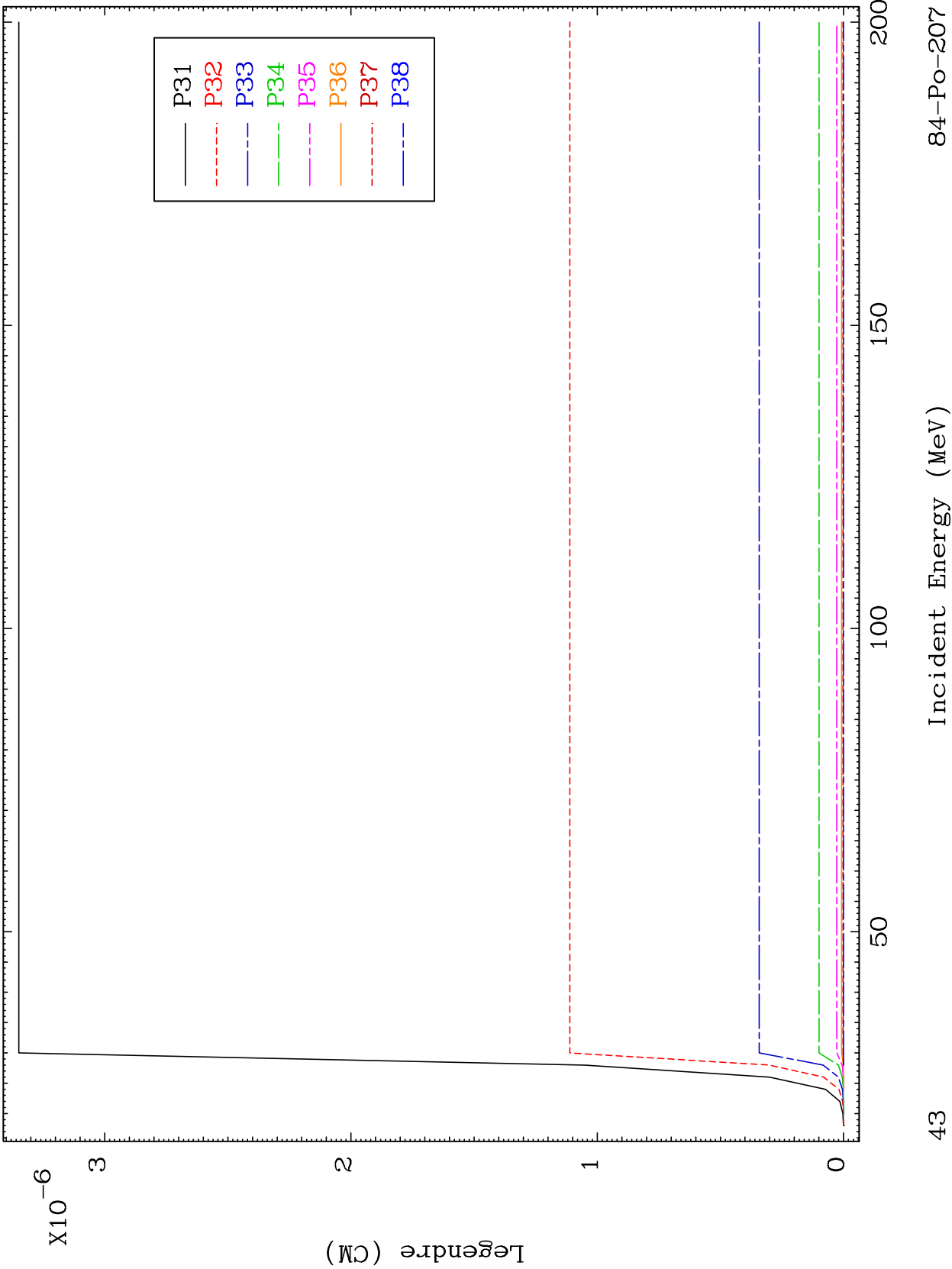
84-Po-207

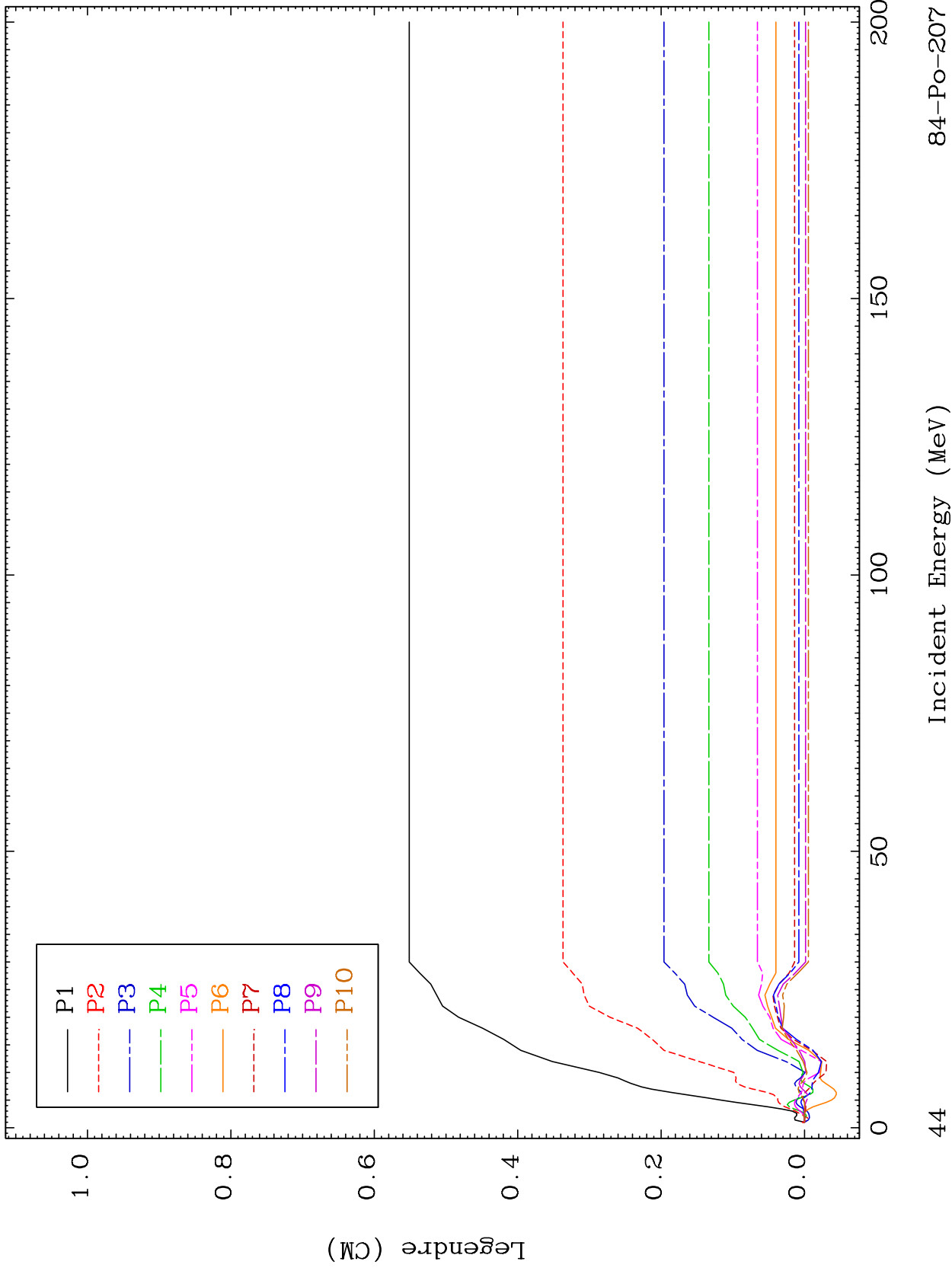


MAT 8428

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

84-Po-207

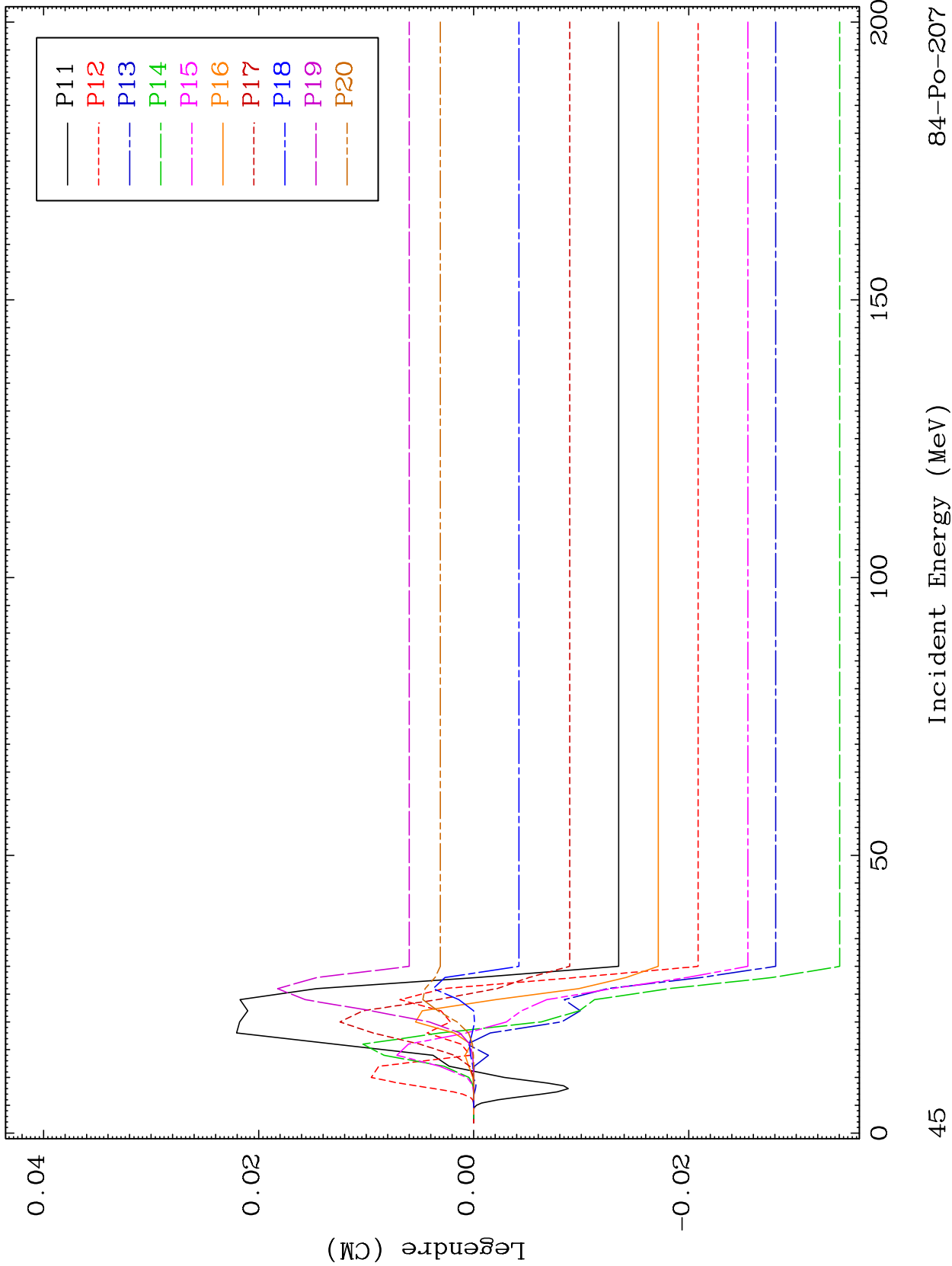




MAT 8428

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

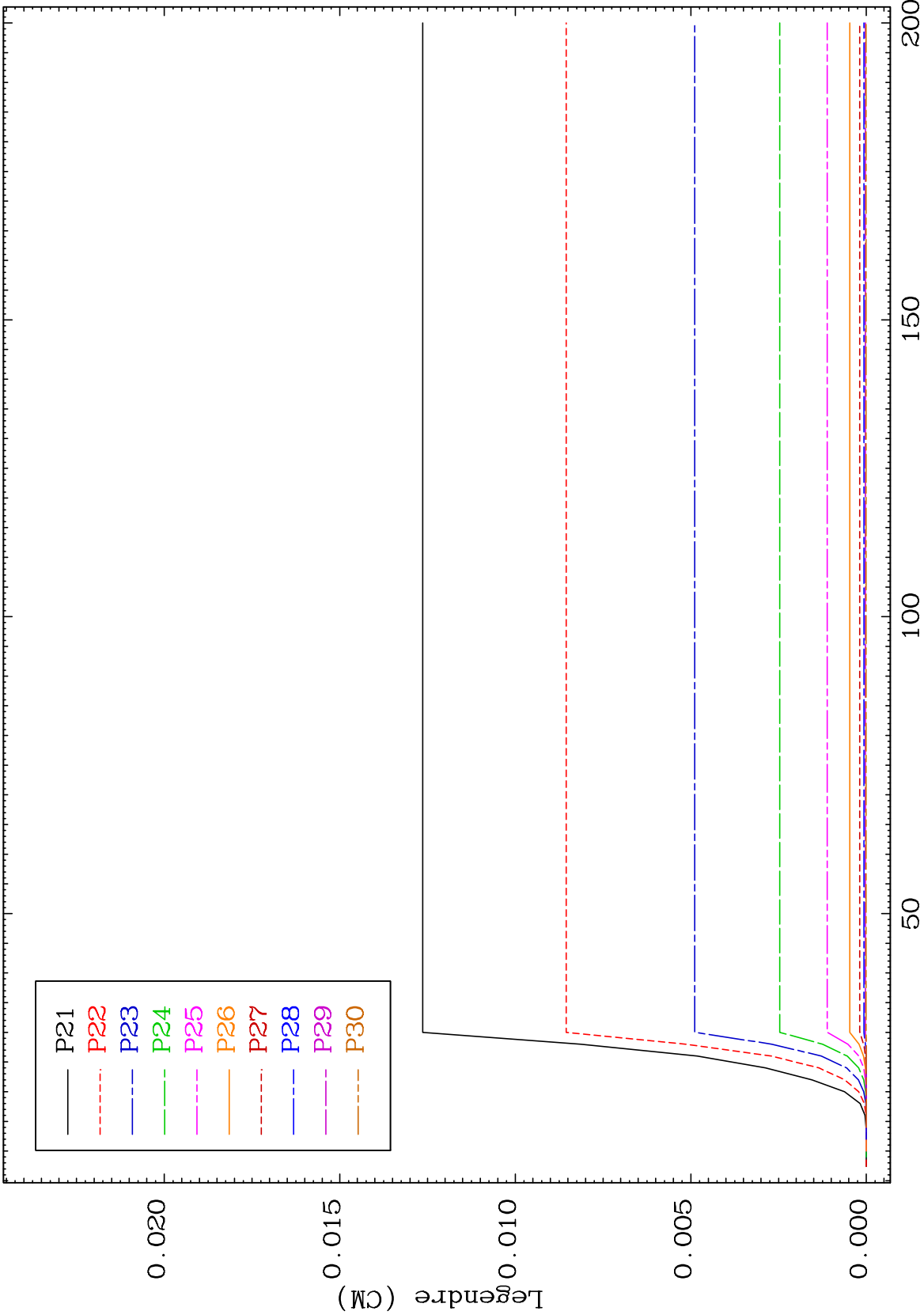
84-Po-207



84-Po-207

Incident Energy (MeV)

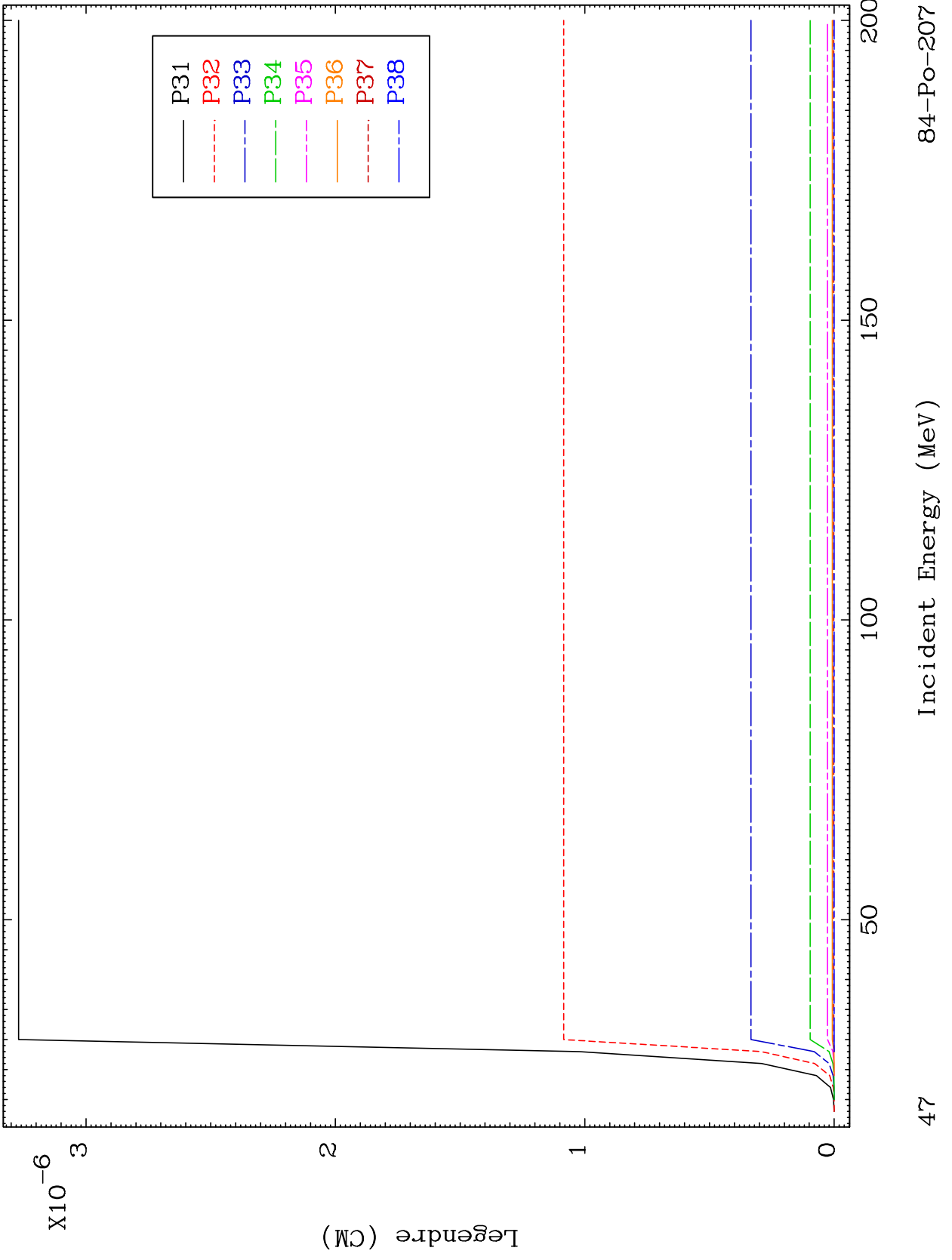
45



MAT 8428

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

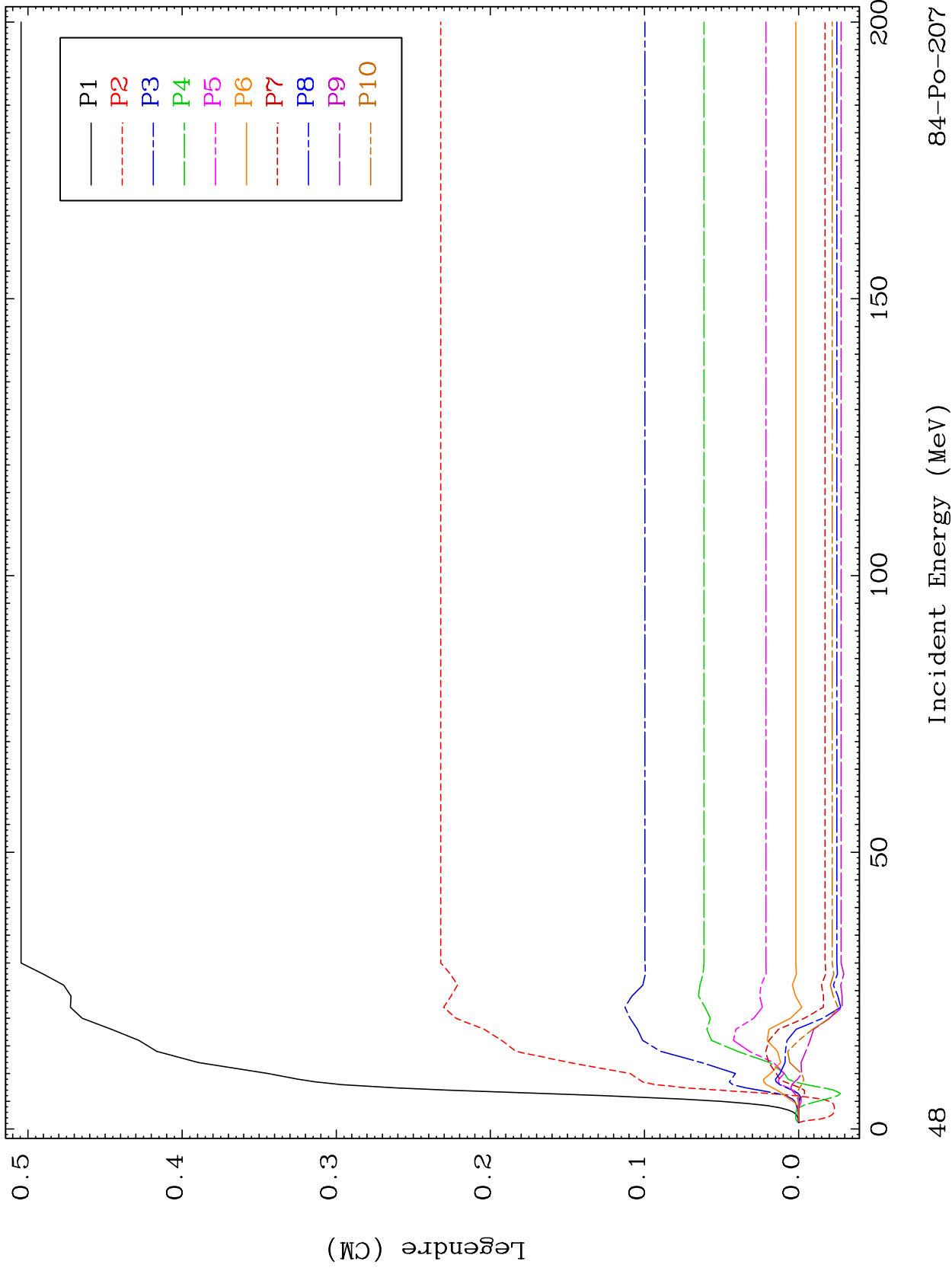
84-Po-207



MAT 8428

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

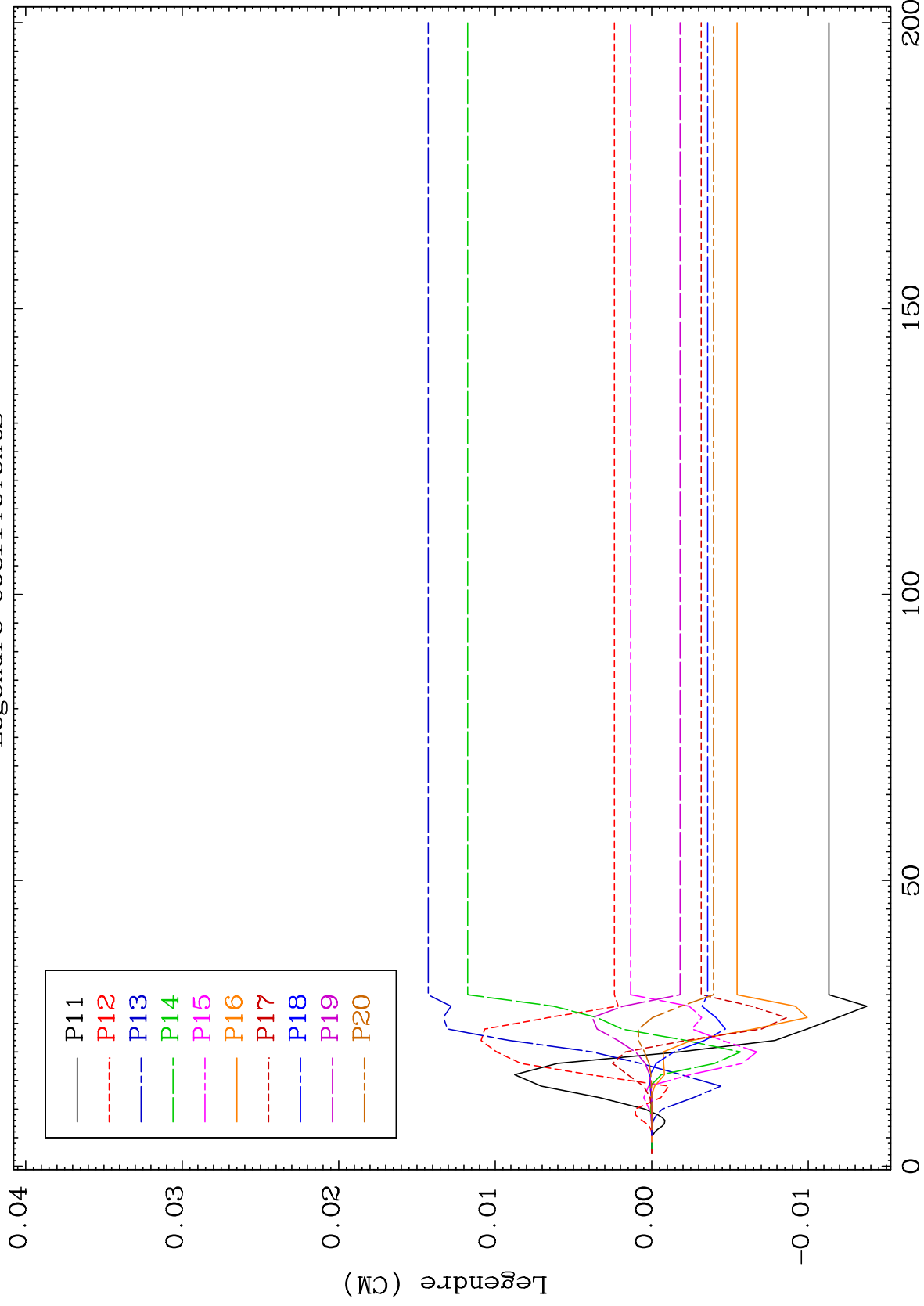
84-Po-207



MAT 8428

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

84-Po-207



49

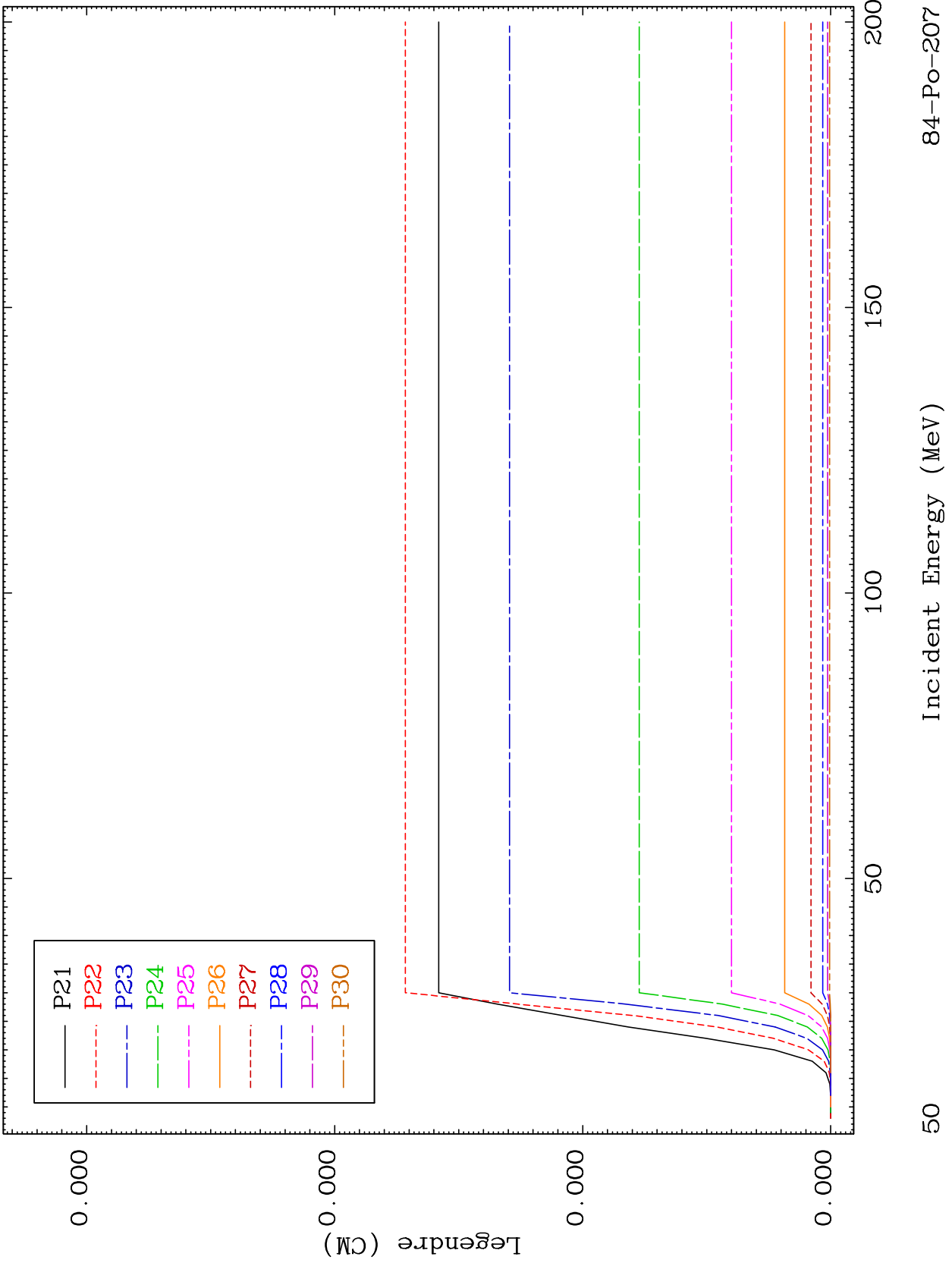
Incident Energy (MeV)

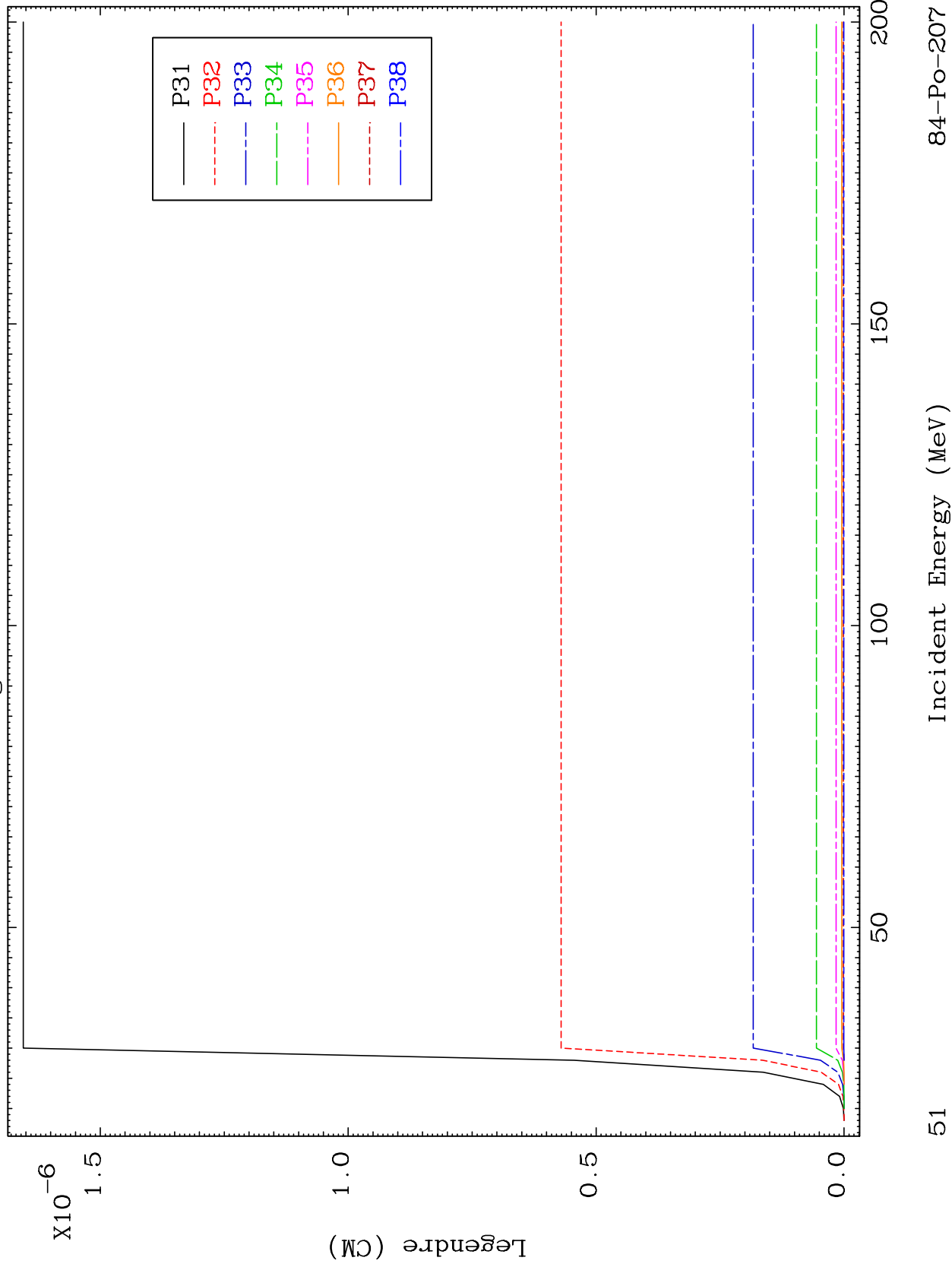
84-Po-207

MAT 8428

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

84-Po-207

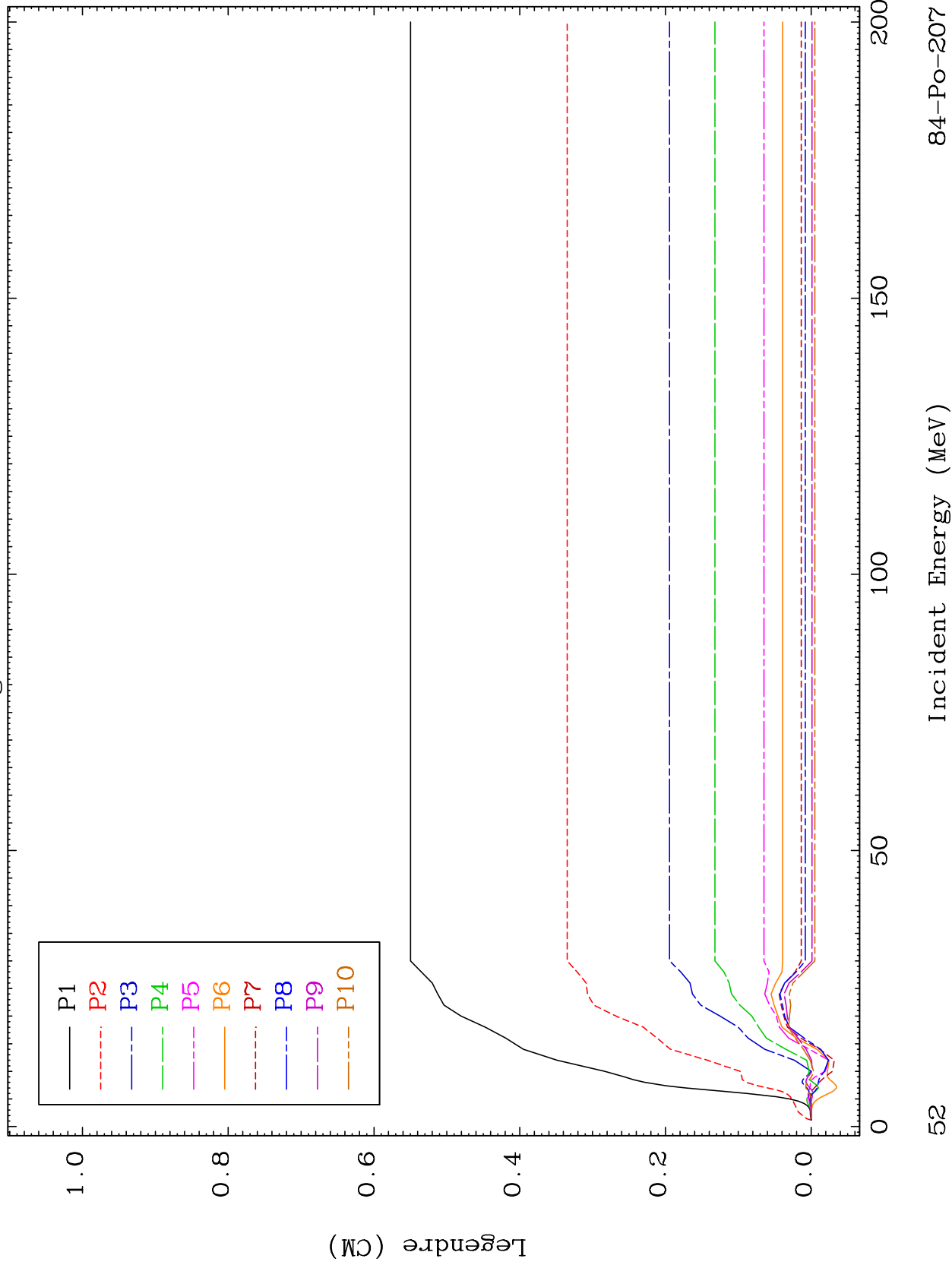




MAT 8428

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

84-Po-207

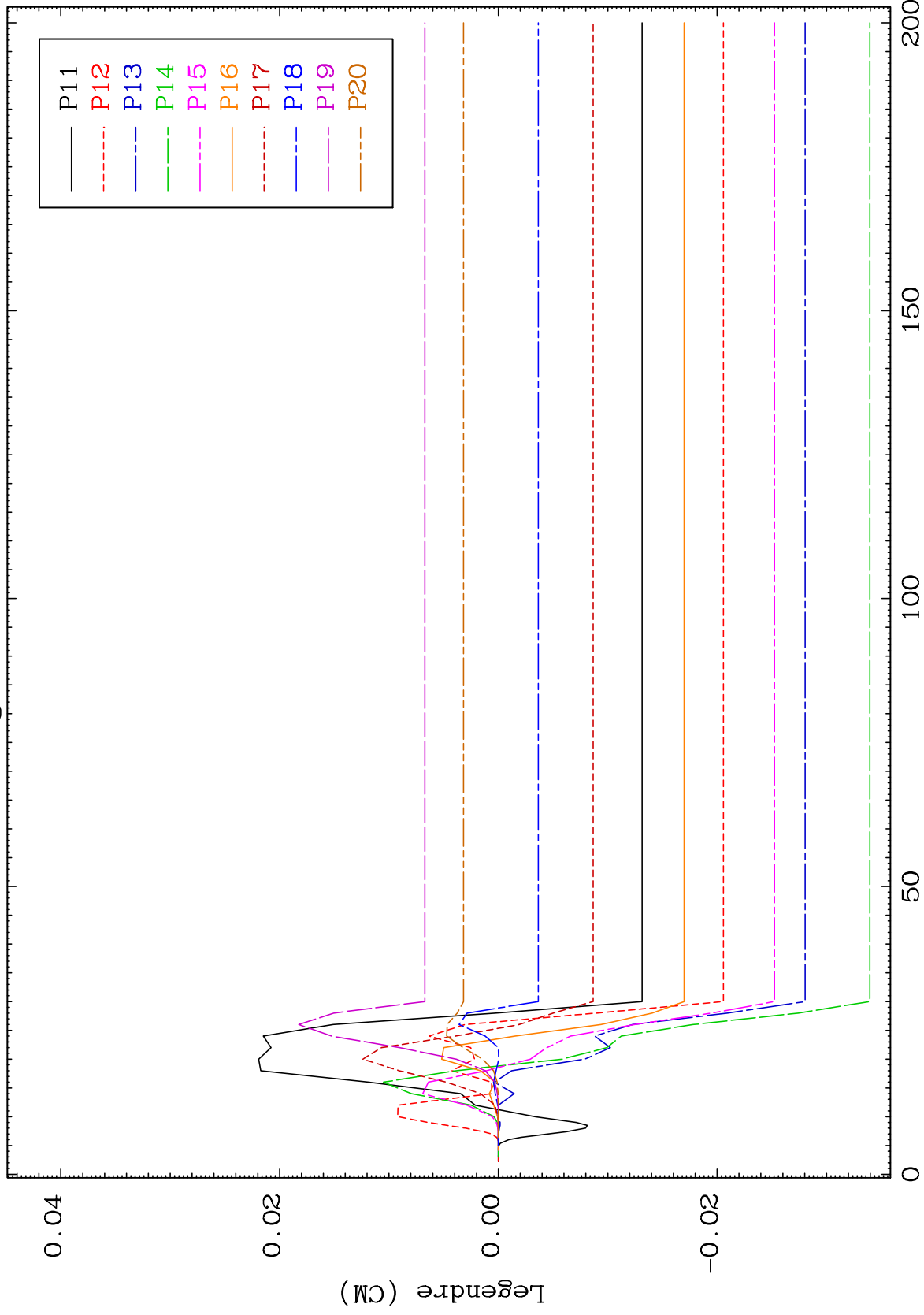


52

MAT 8428

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

84-Po-207



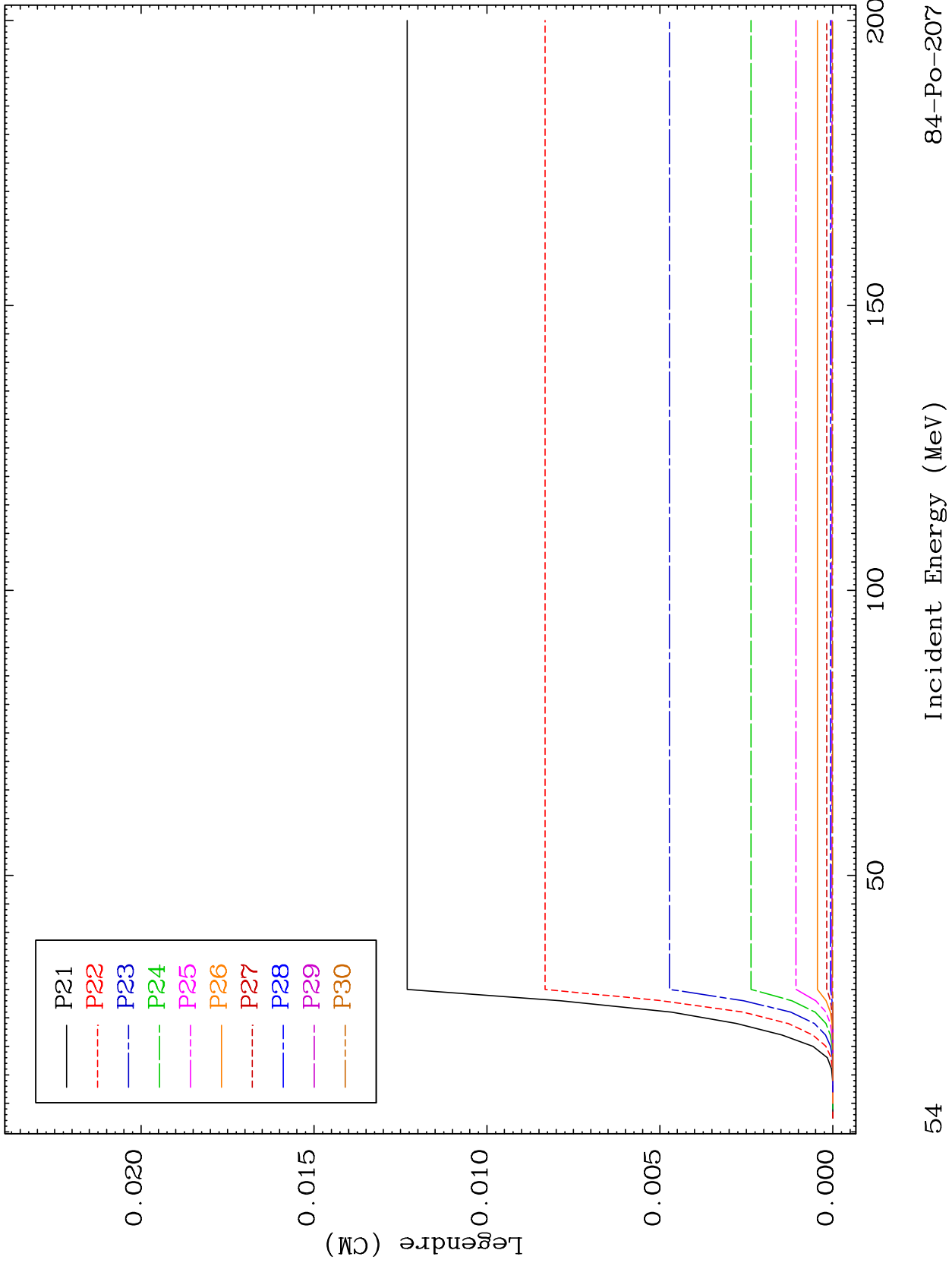
53

84-Po-207

MAT 8428

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

84-Po-207



54

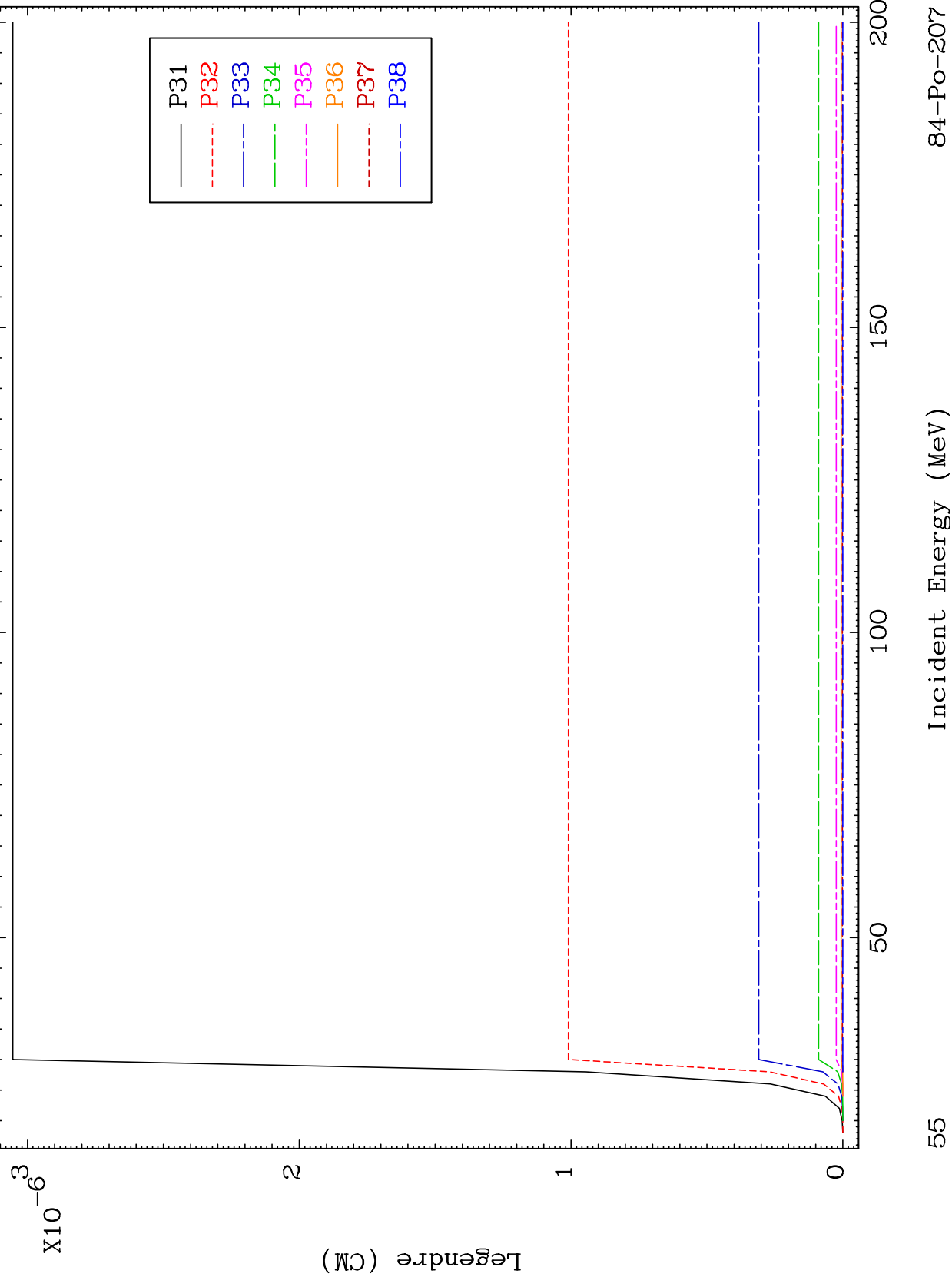
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



84-Po-207

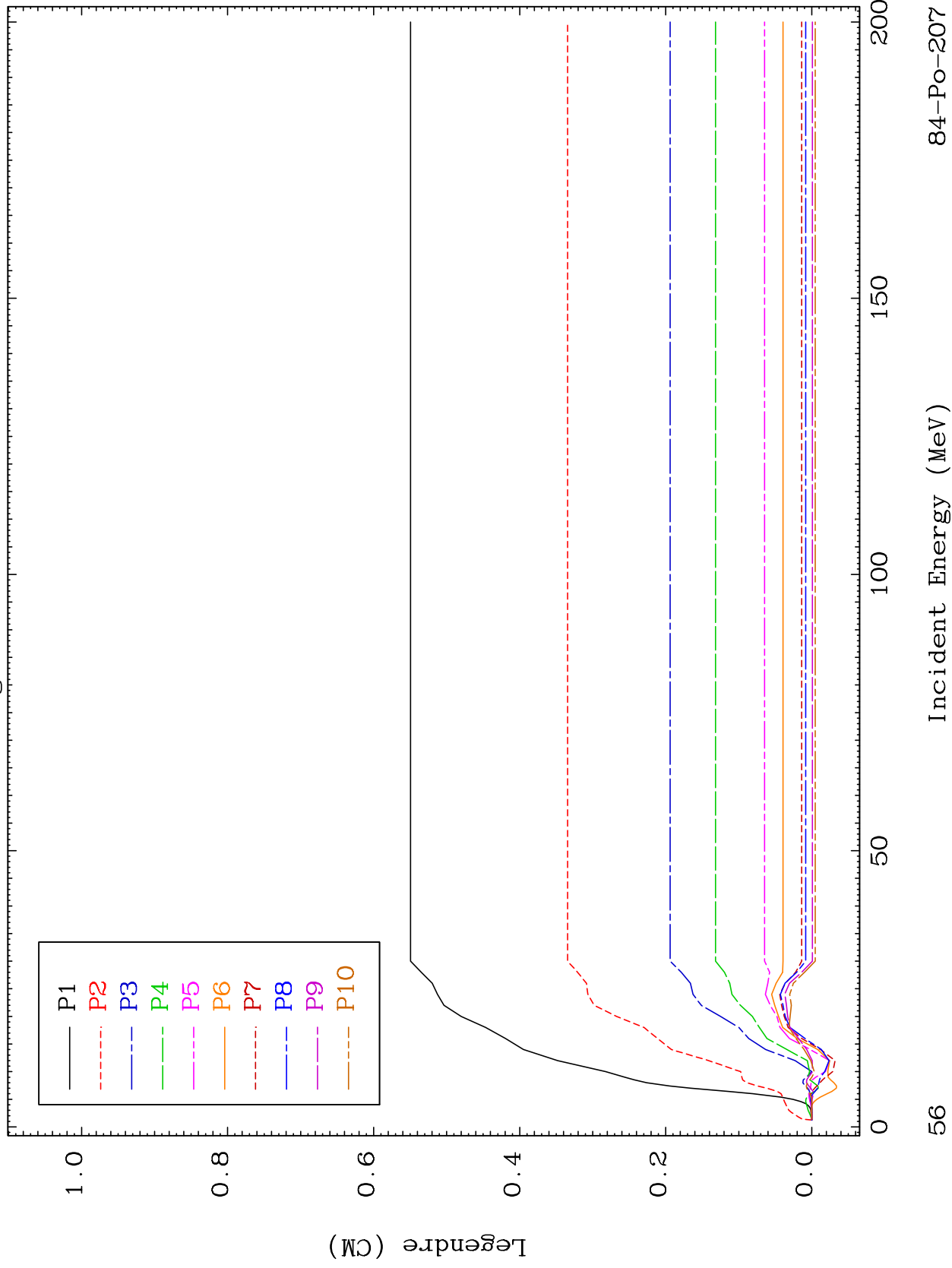
Incident Energy (MeV)

55

MAT 8428

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

84-Po-207

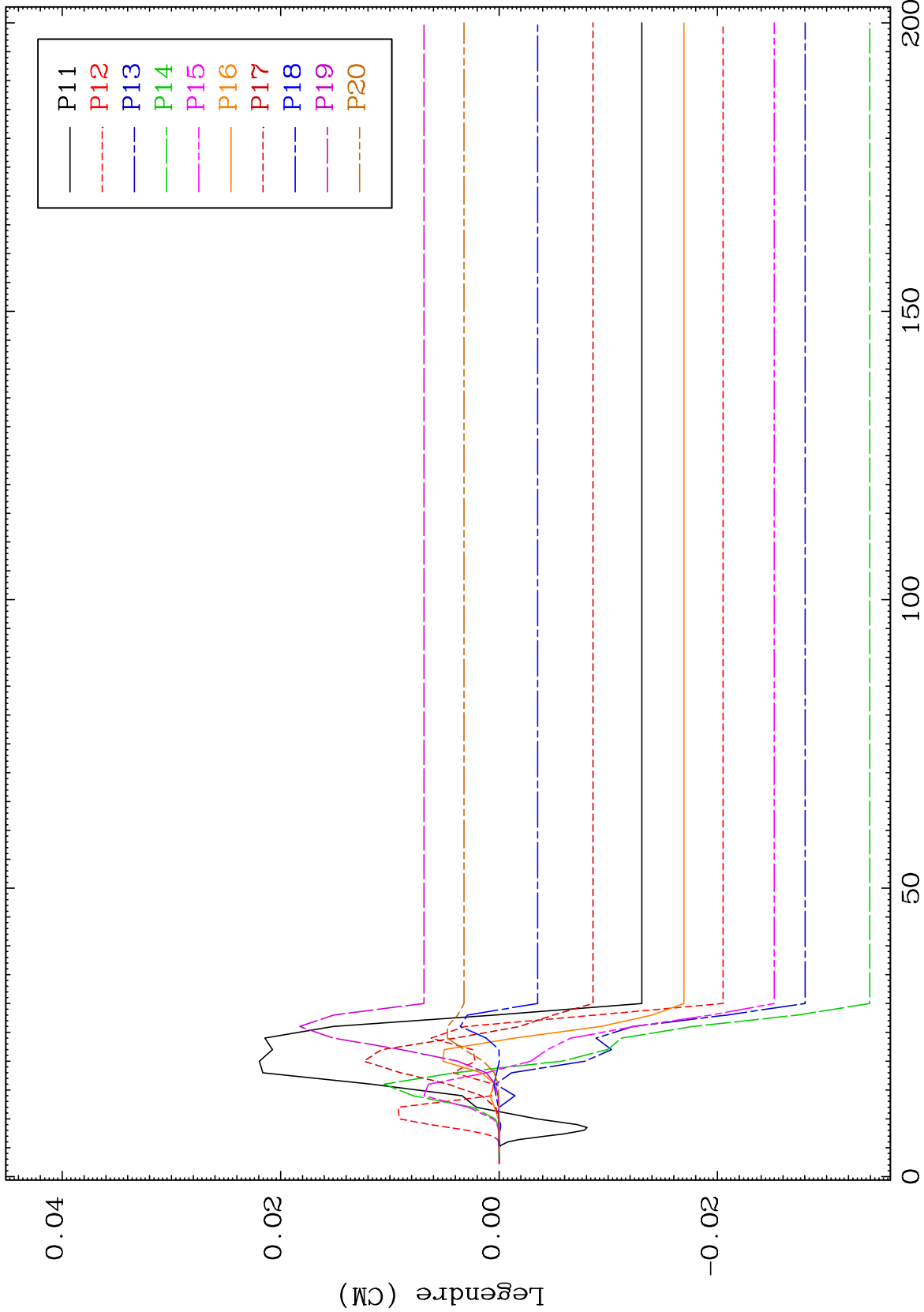


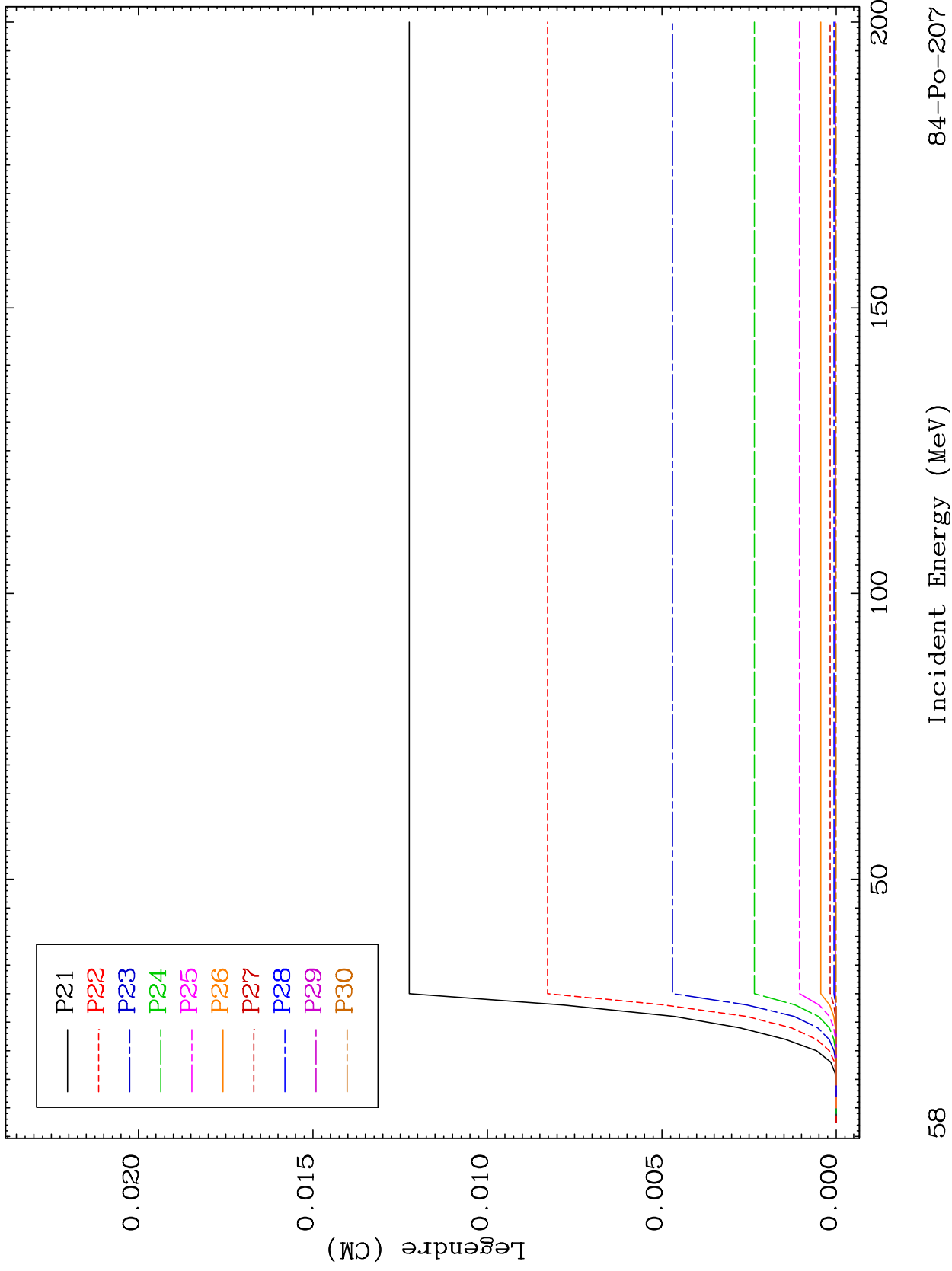
56

MAT 8428

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

84-Po-207

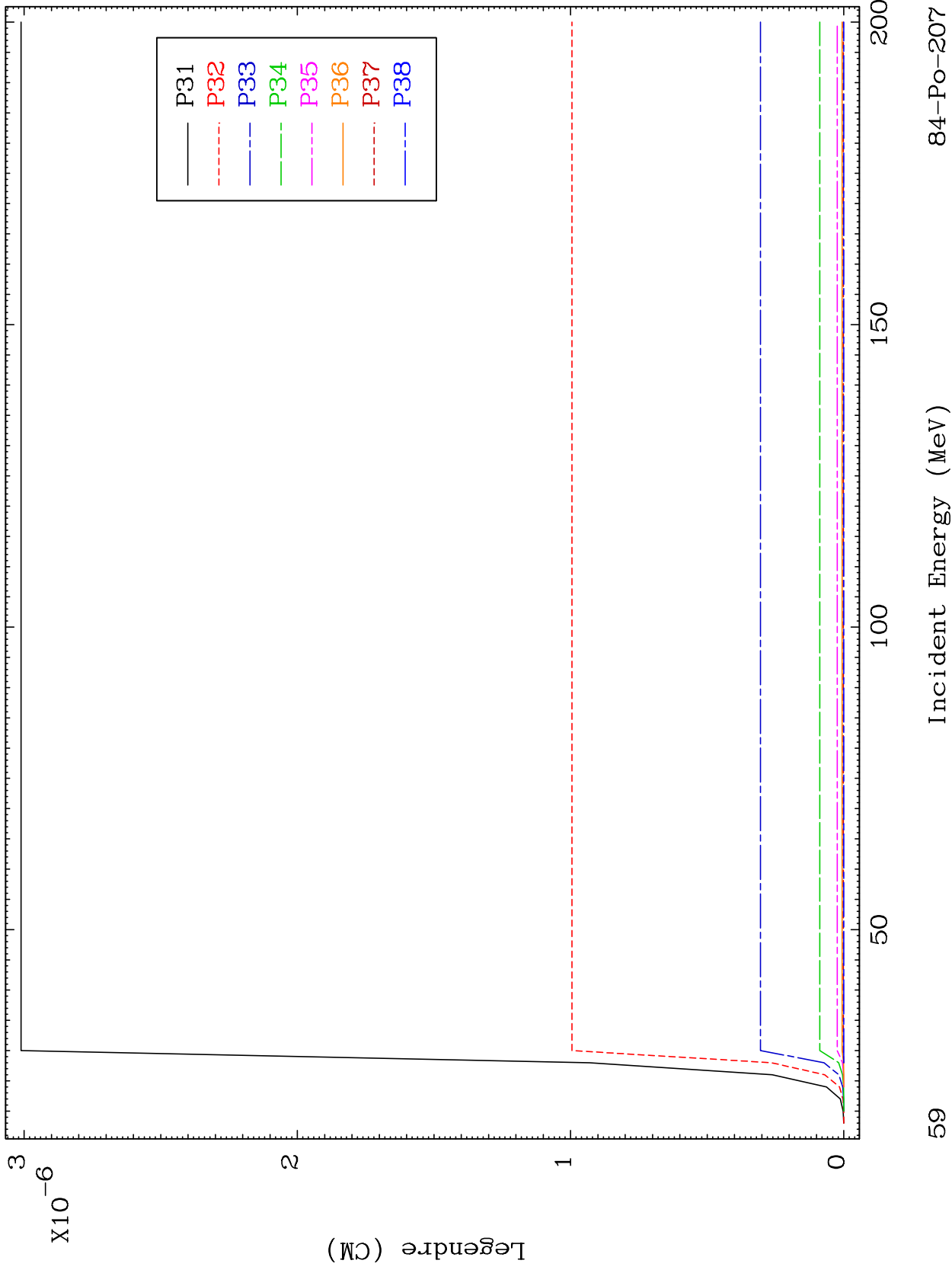




MAT 8428

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

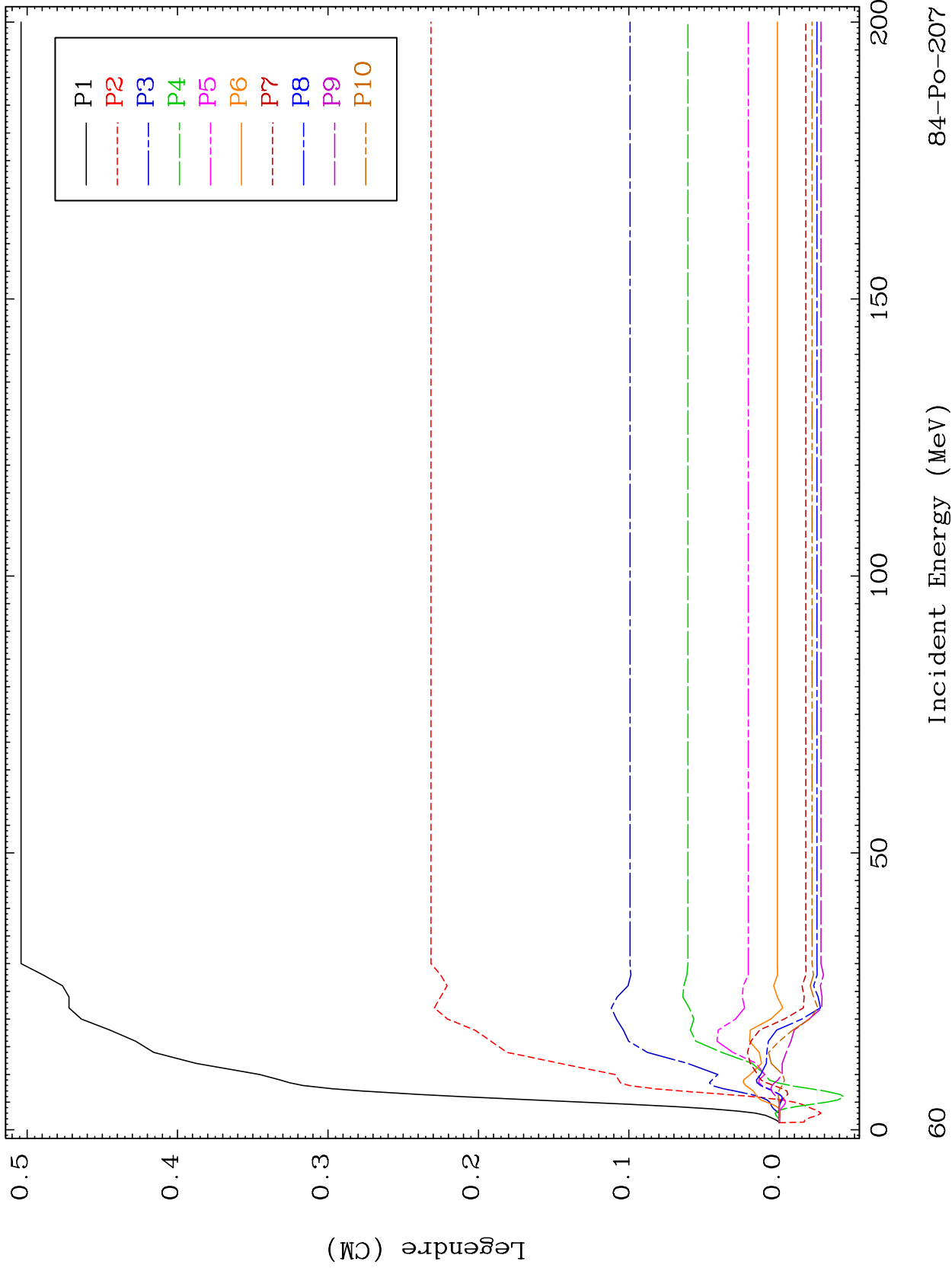
84-Po-207



MAT 8428

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

84-Po-207

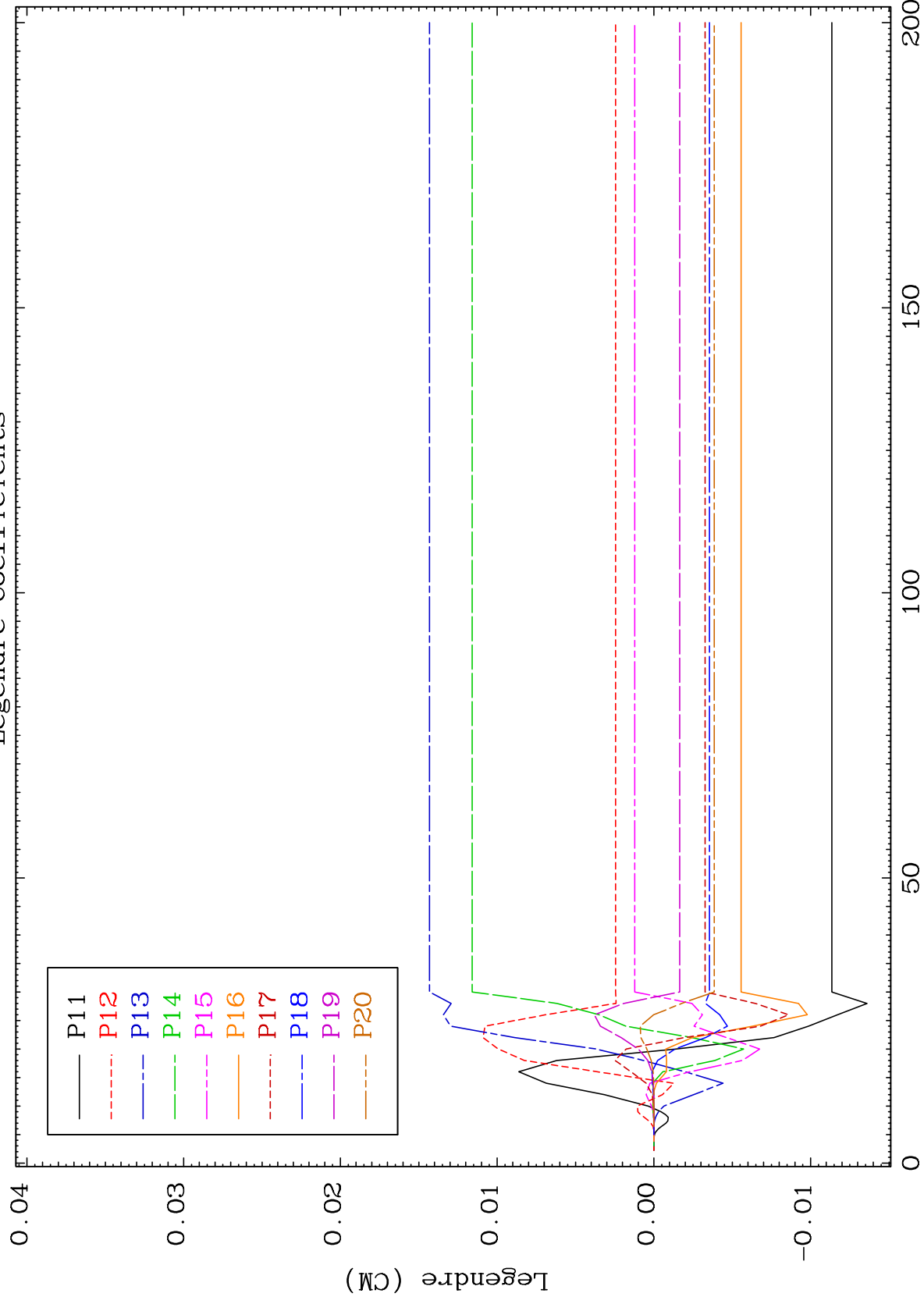


84-Po-207

MAT 8428

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

84-Po-207



61

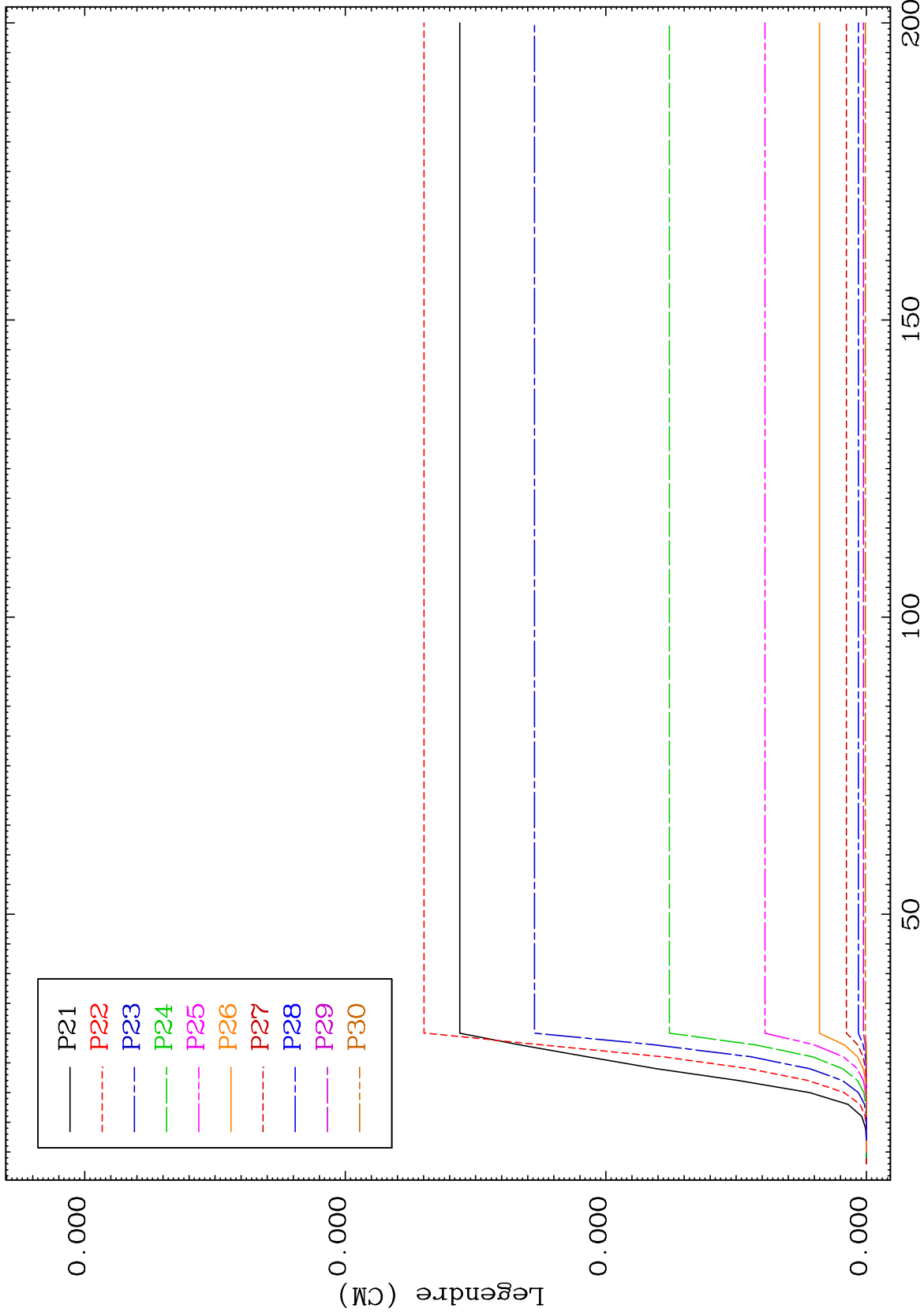
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



62

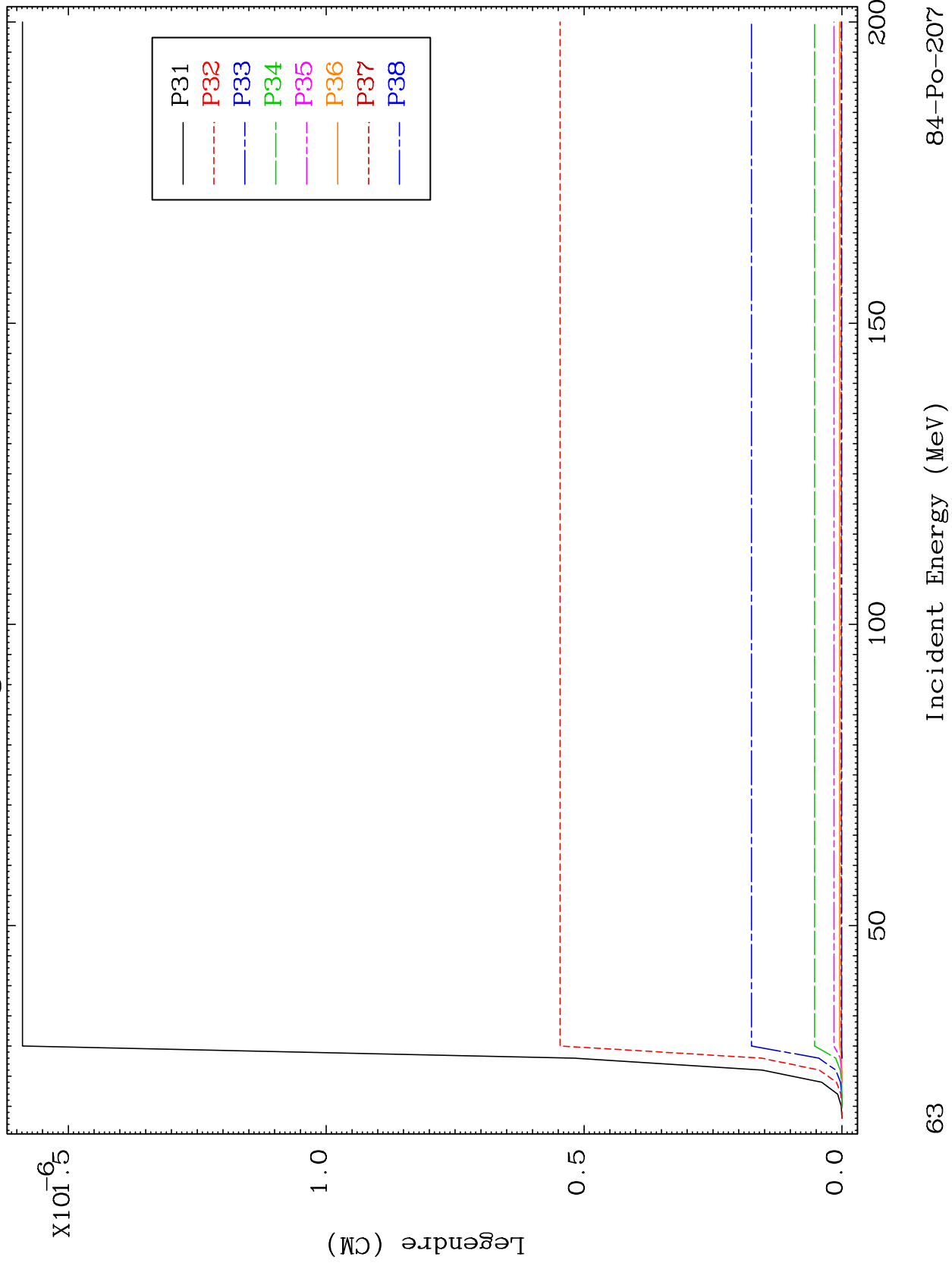
Incident Energy (MeV)

84-Po-207

MAT 8428

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

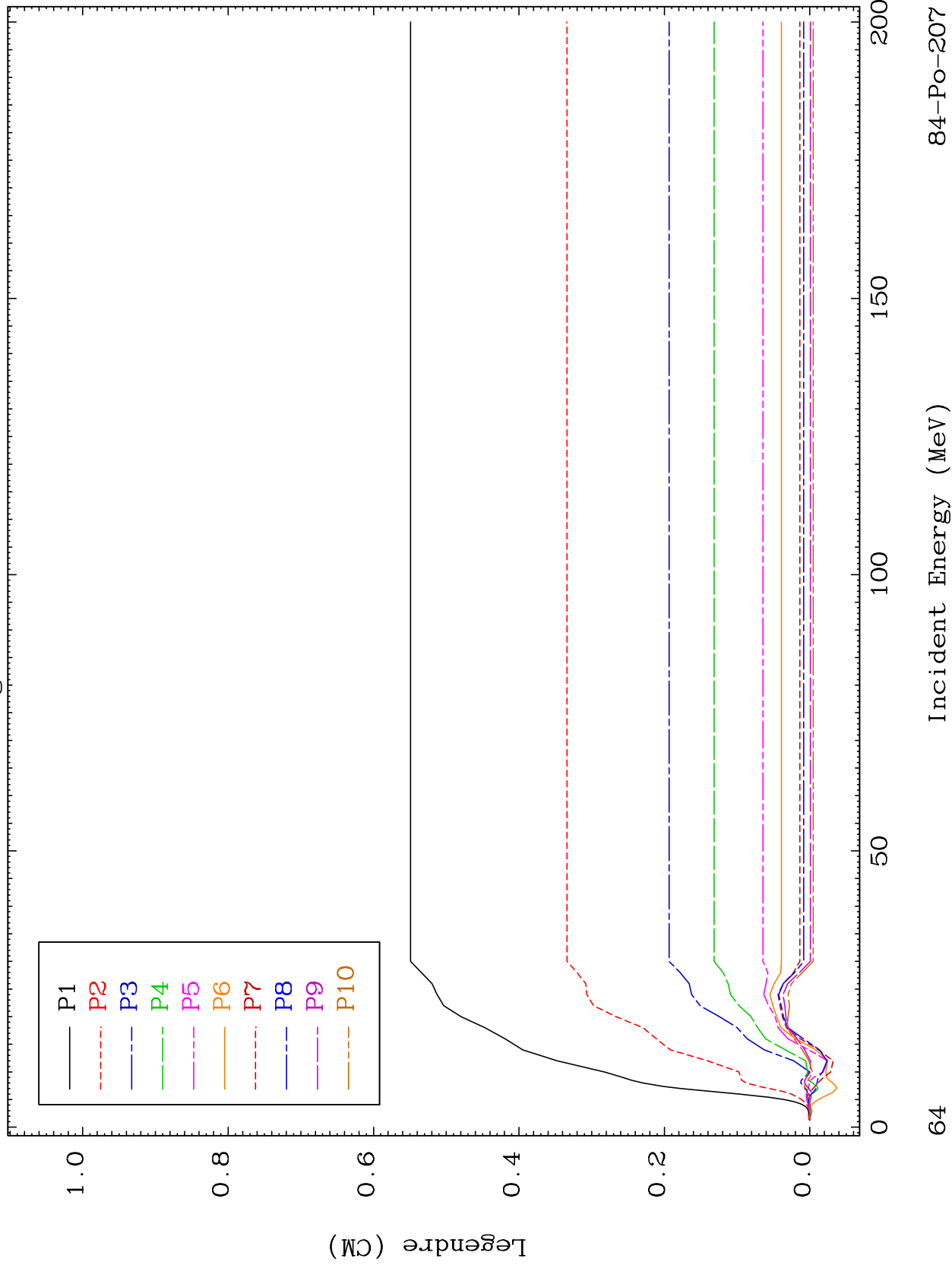
84-Po-207



MAT 8428

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

84-Po-207

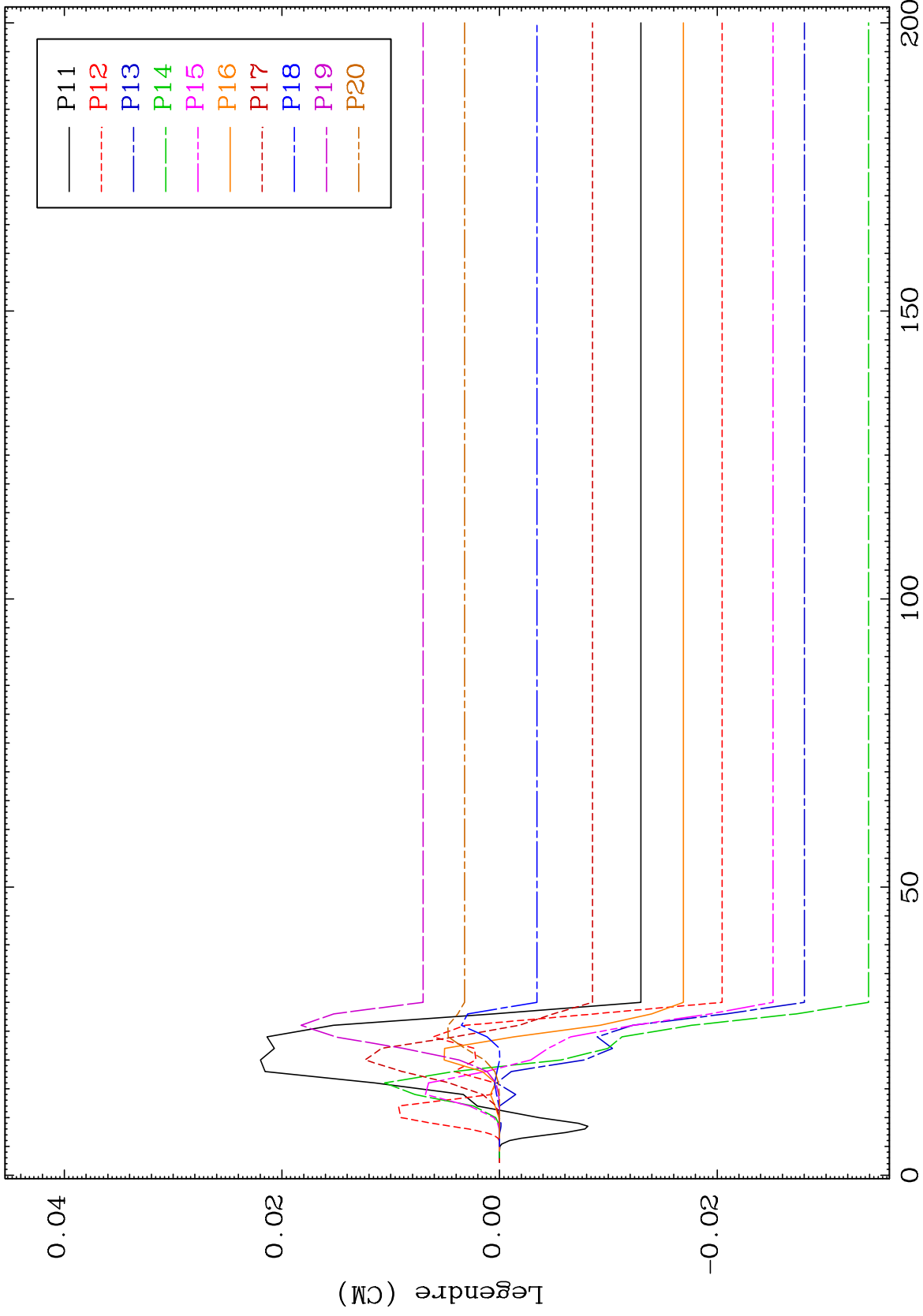


64

MAT 8428

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

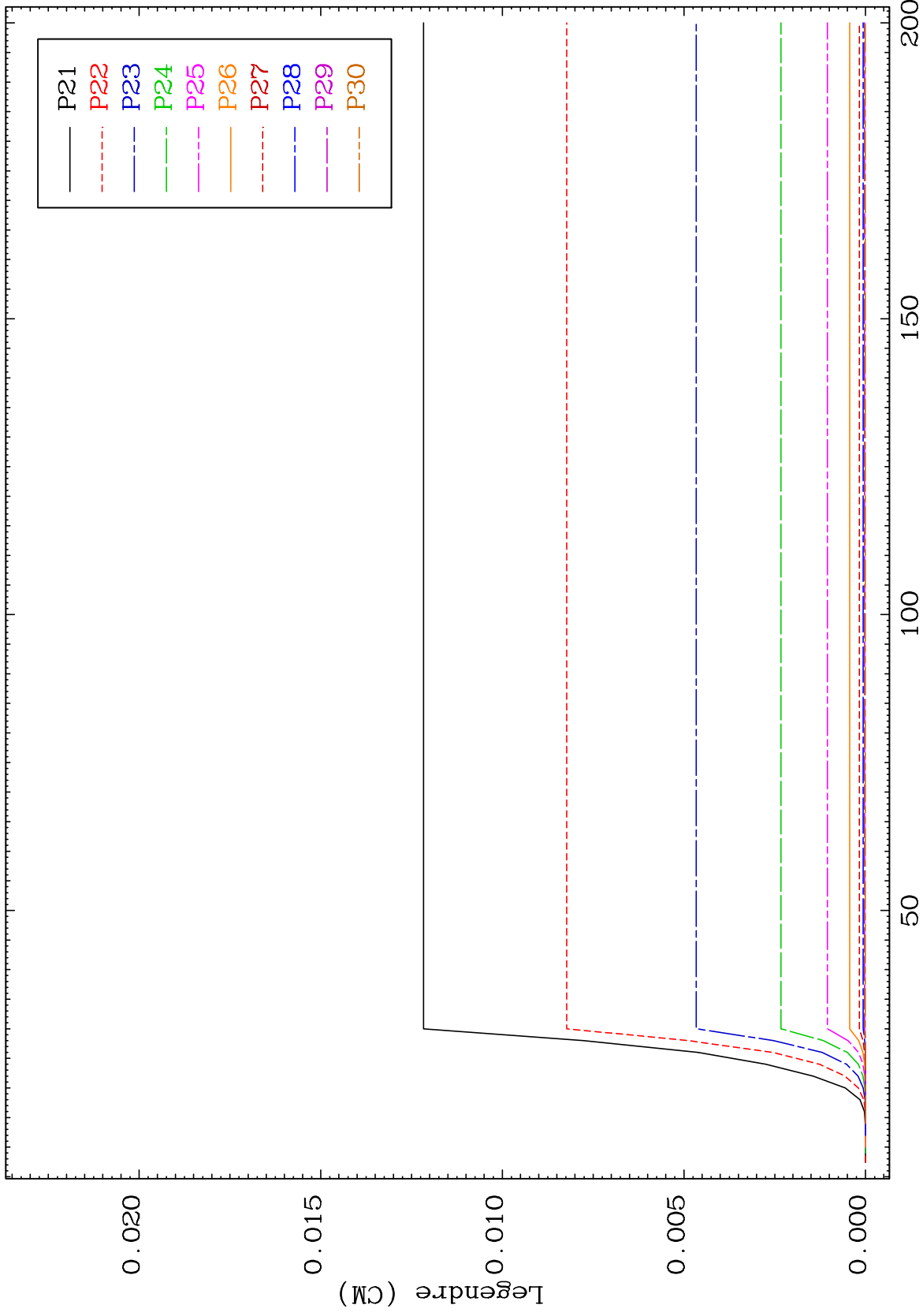
84-Po-207



65

Incident Energy (MeV)

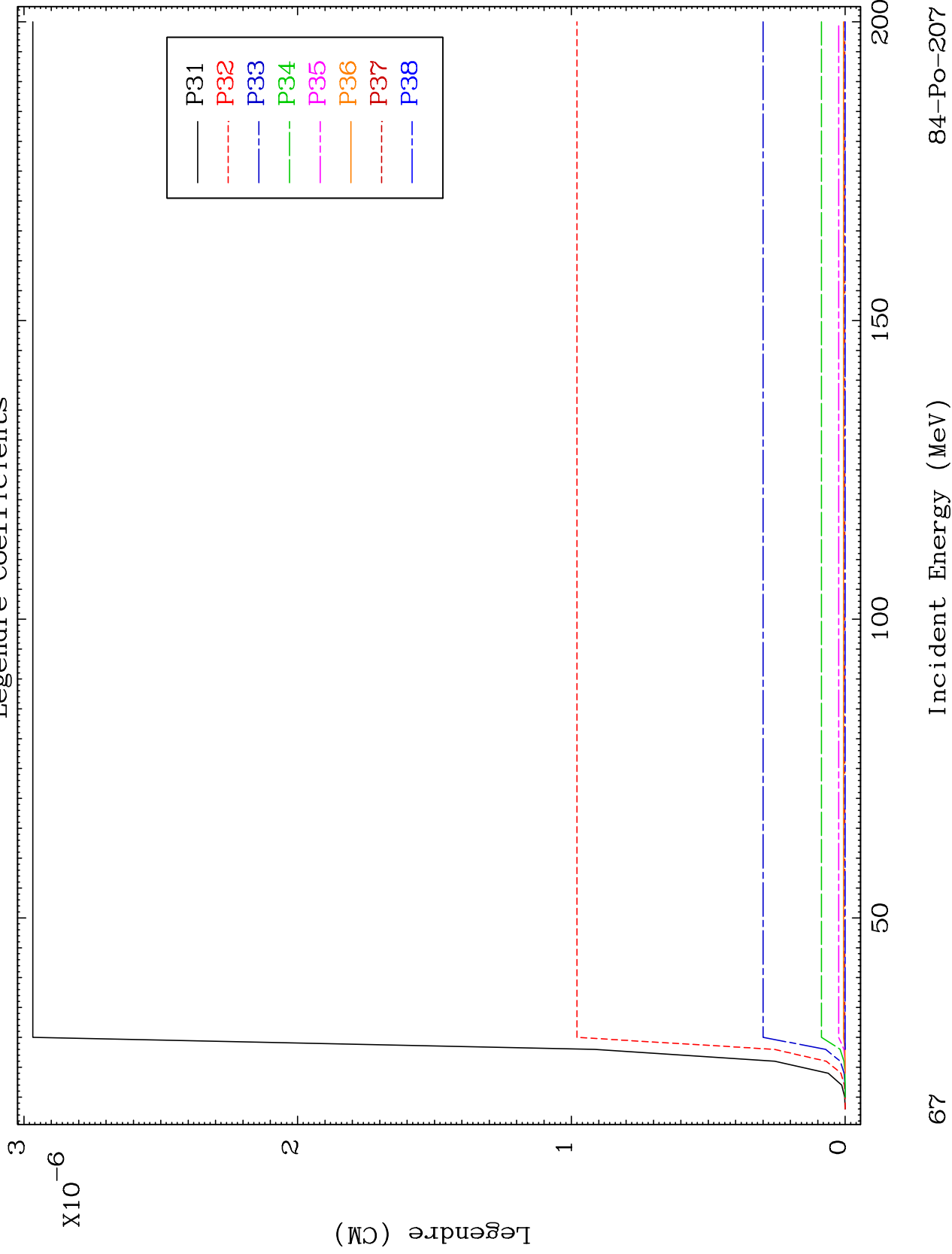
84-Po-207



MAT 8428

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

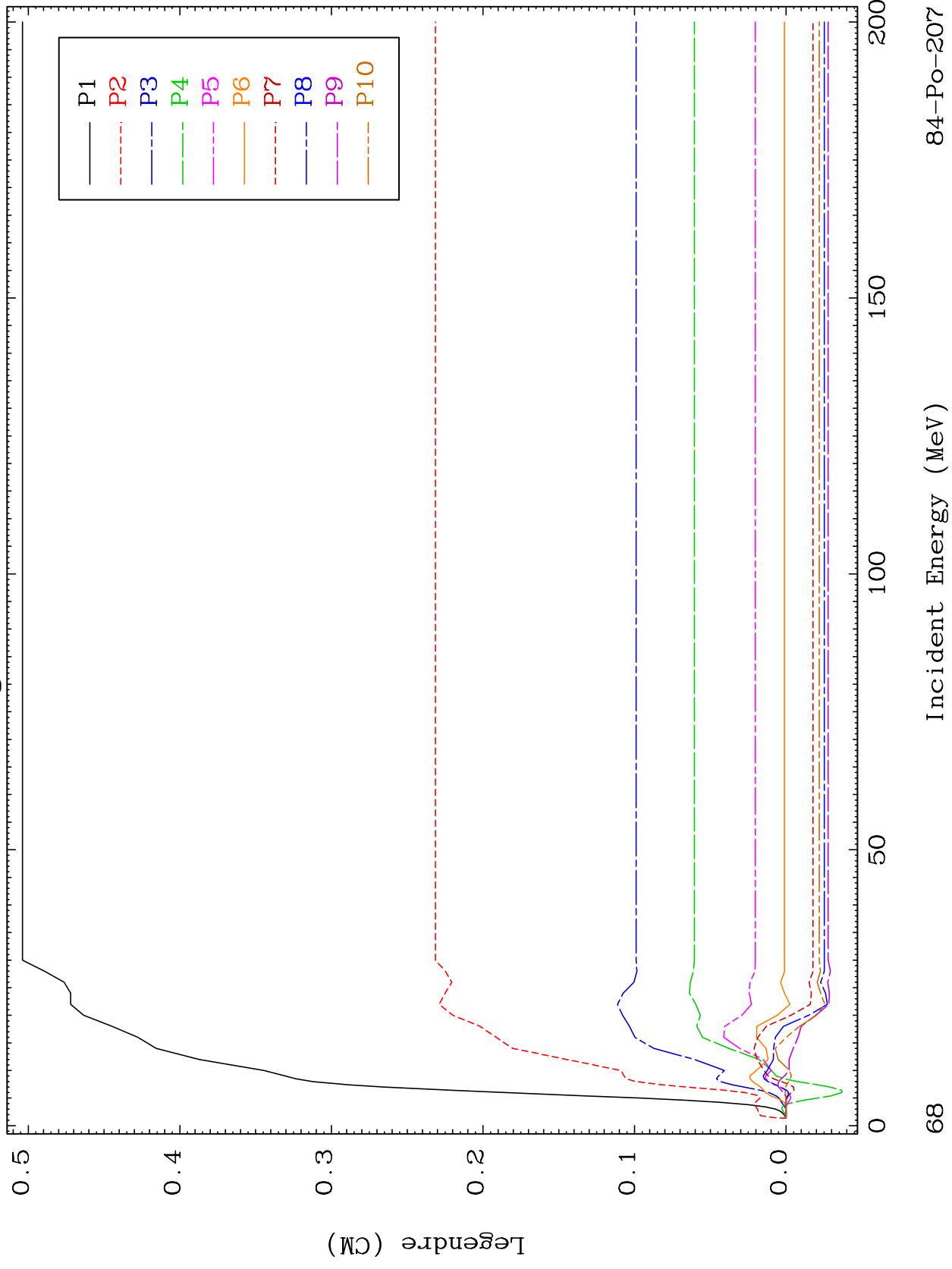
84-Po-207



MAT 8428

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

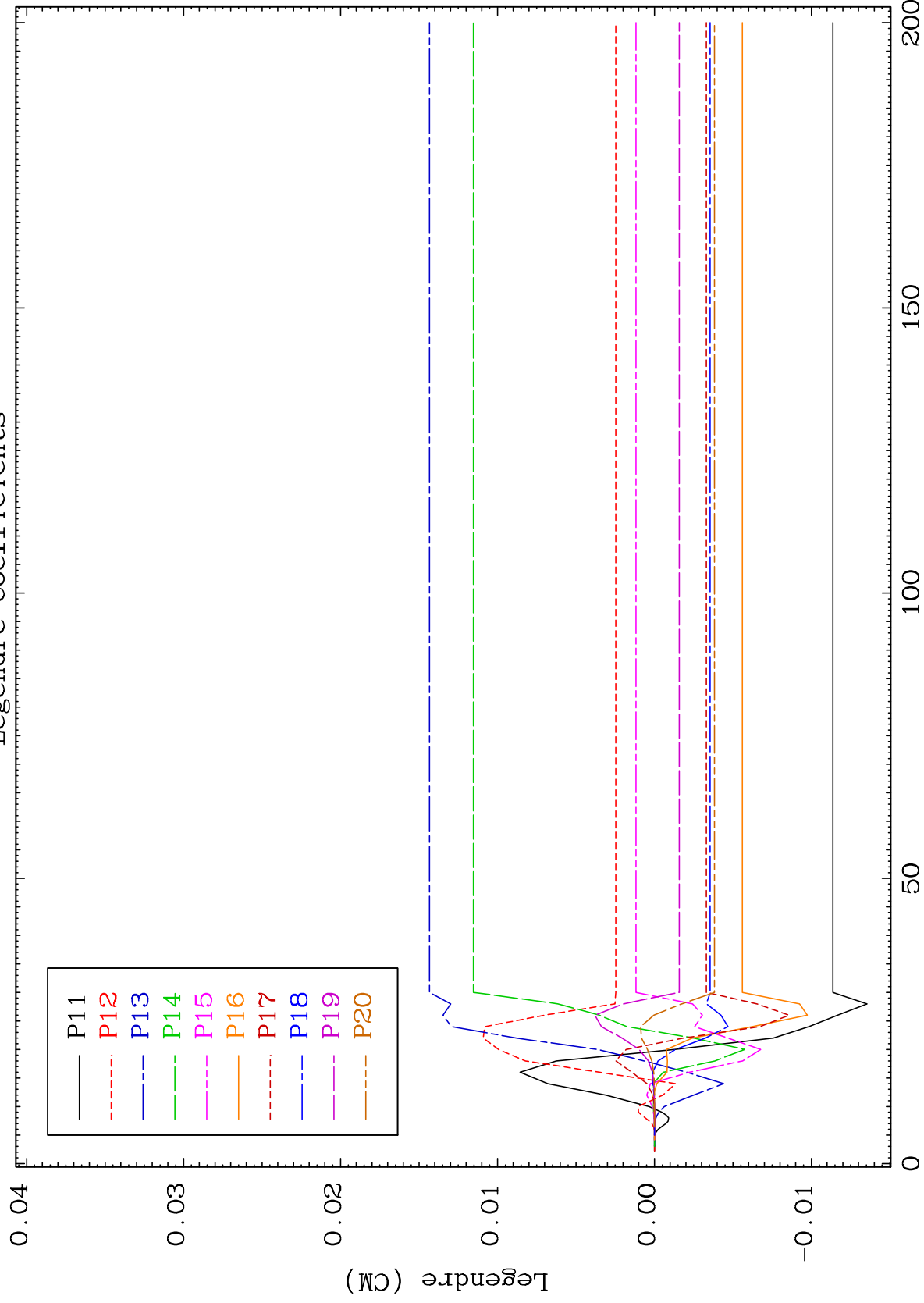
84-Po-207



MAT 8428

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

84-Po-207



69

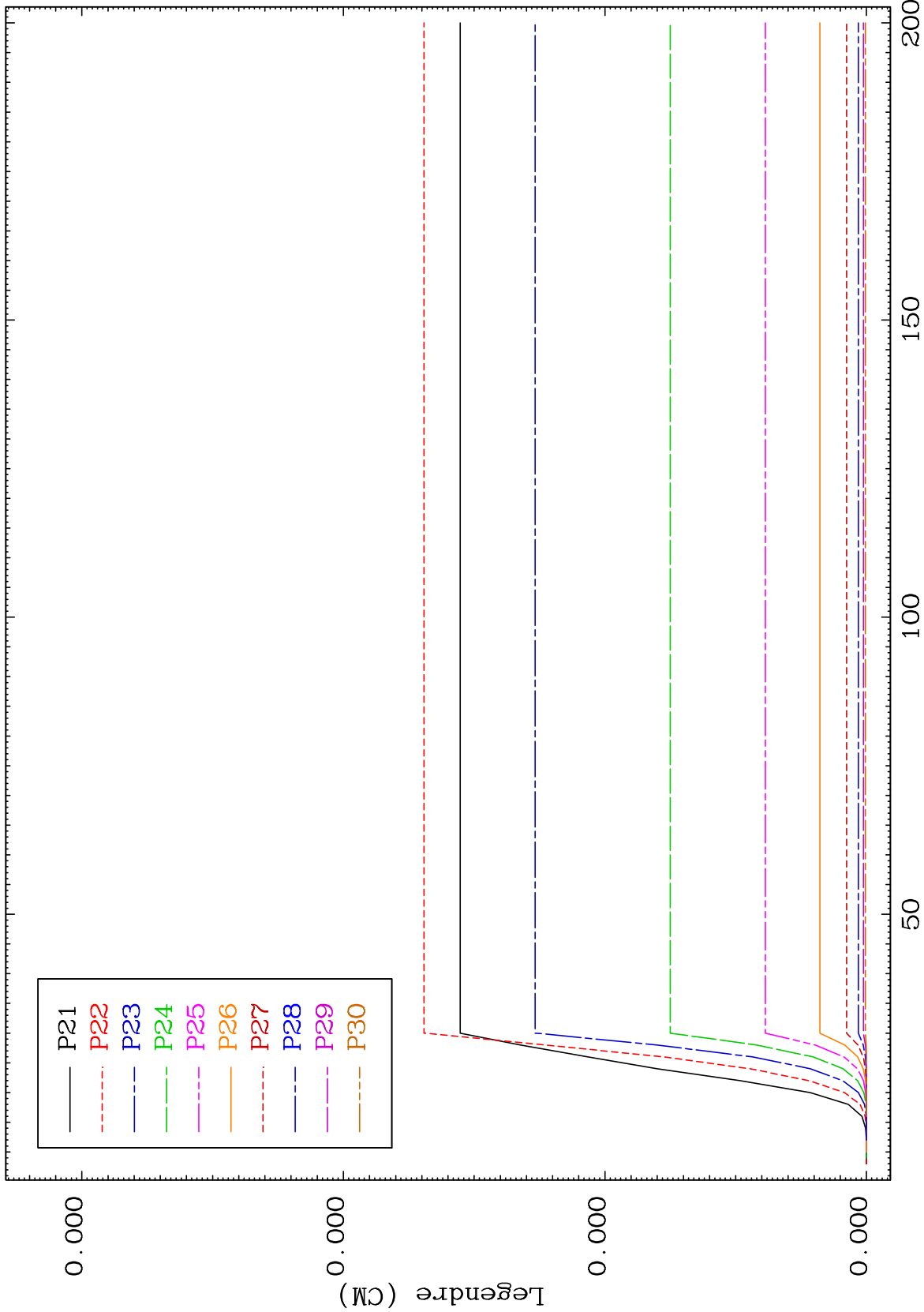
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



70

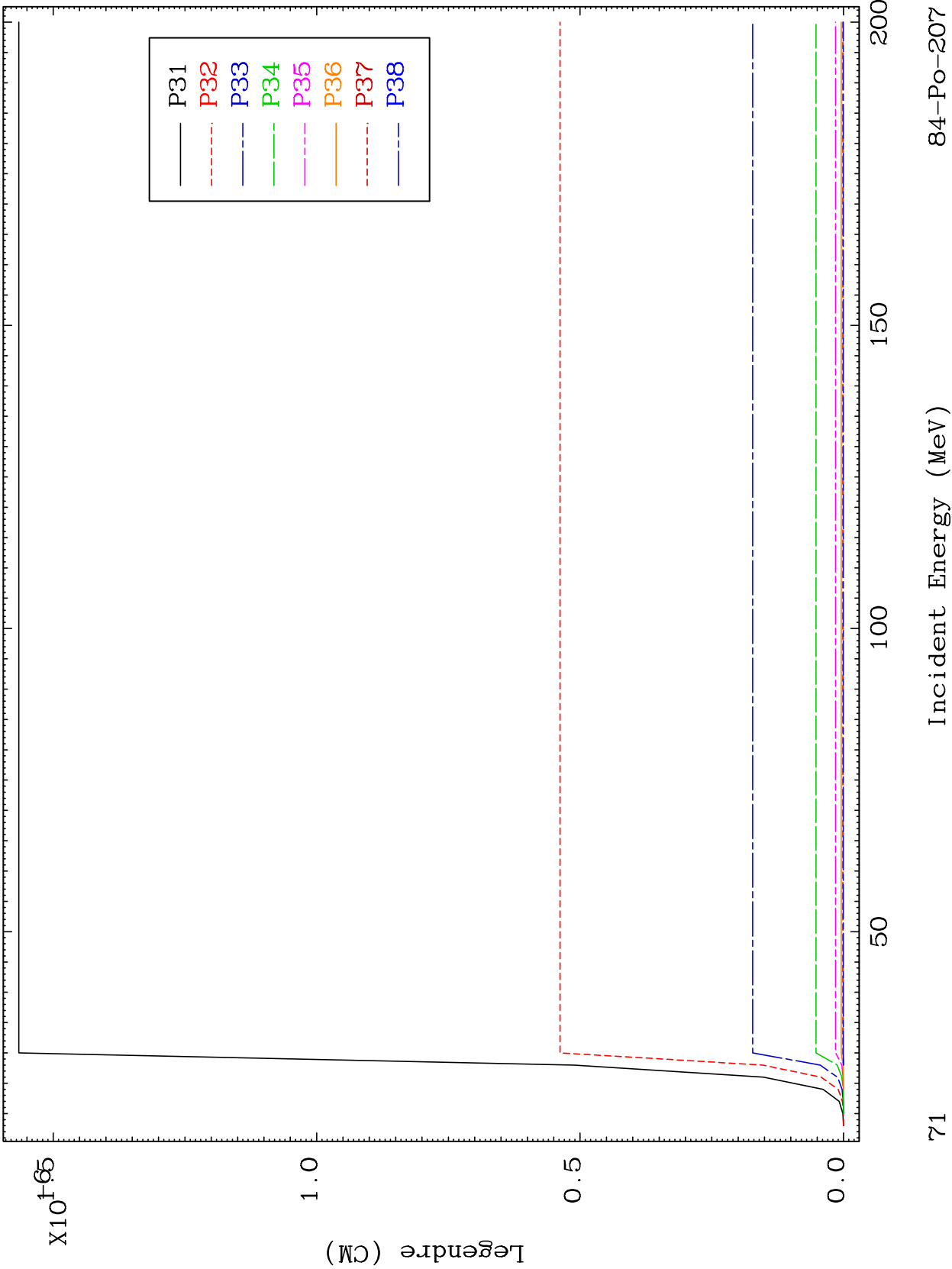
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



71

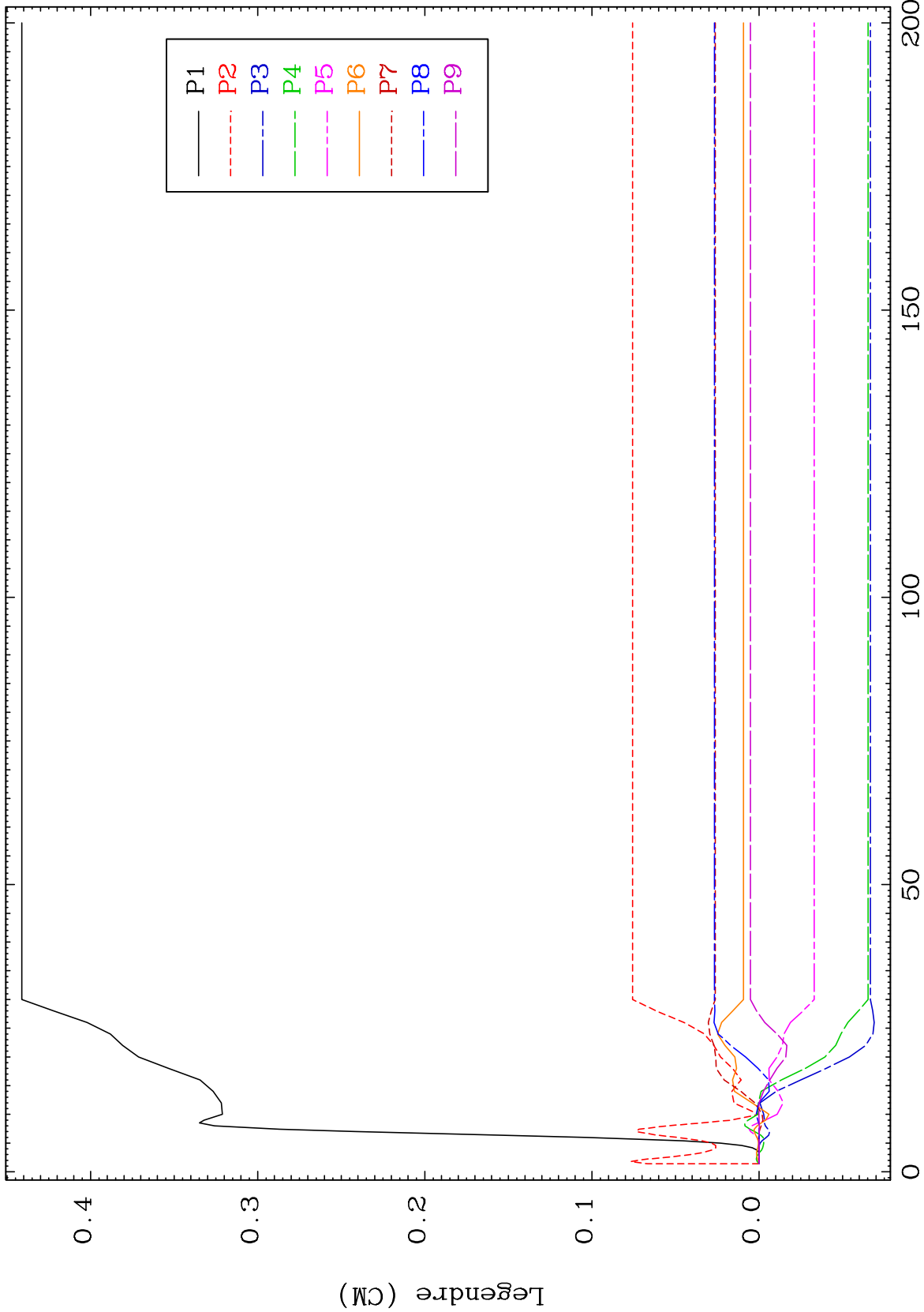
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



72

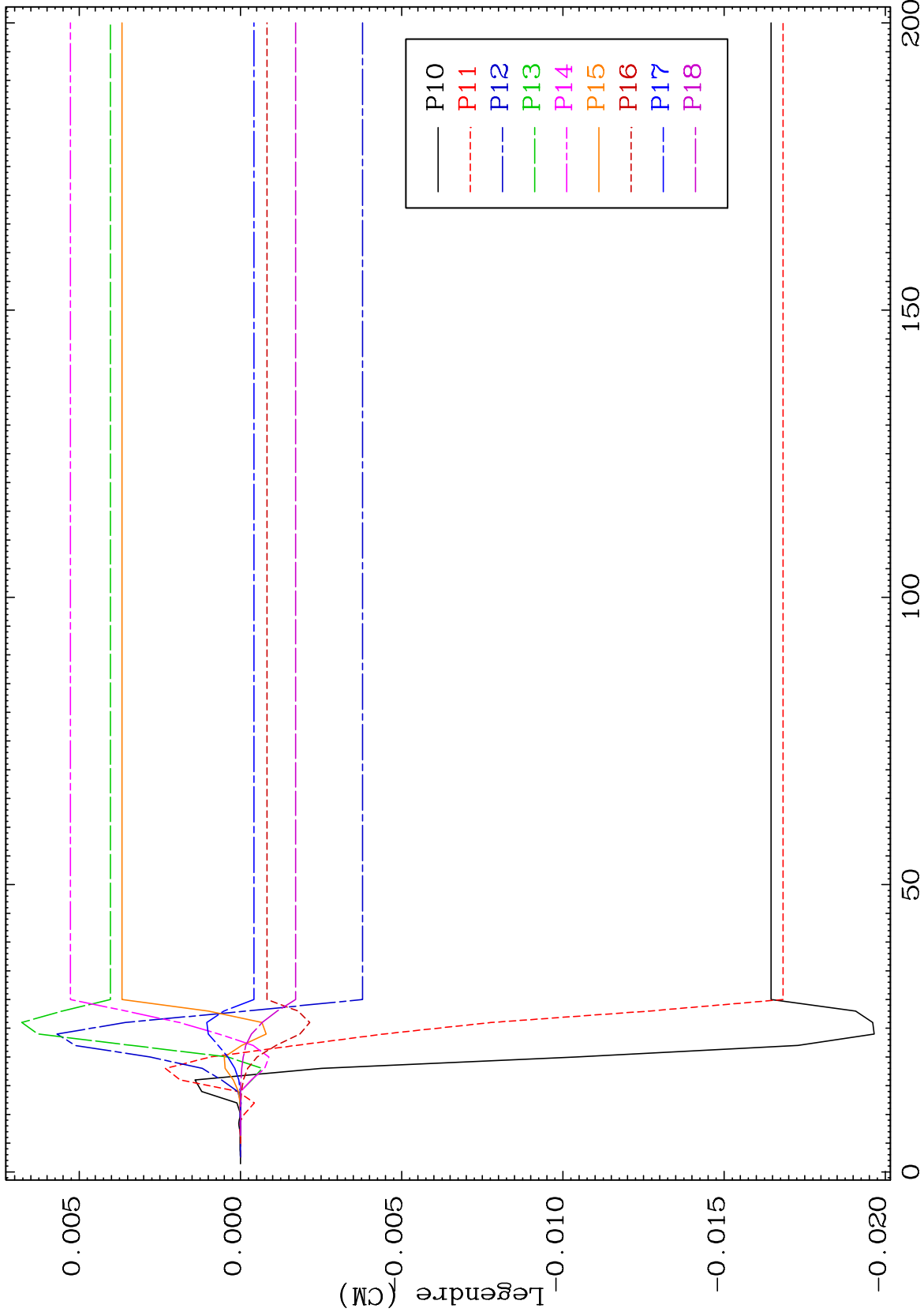
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



73

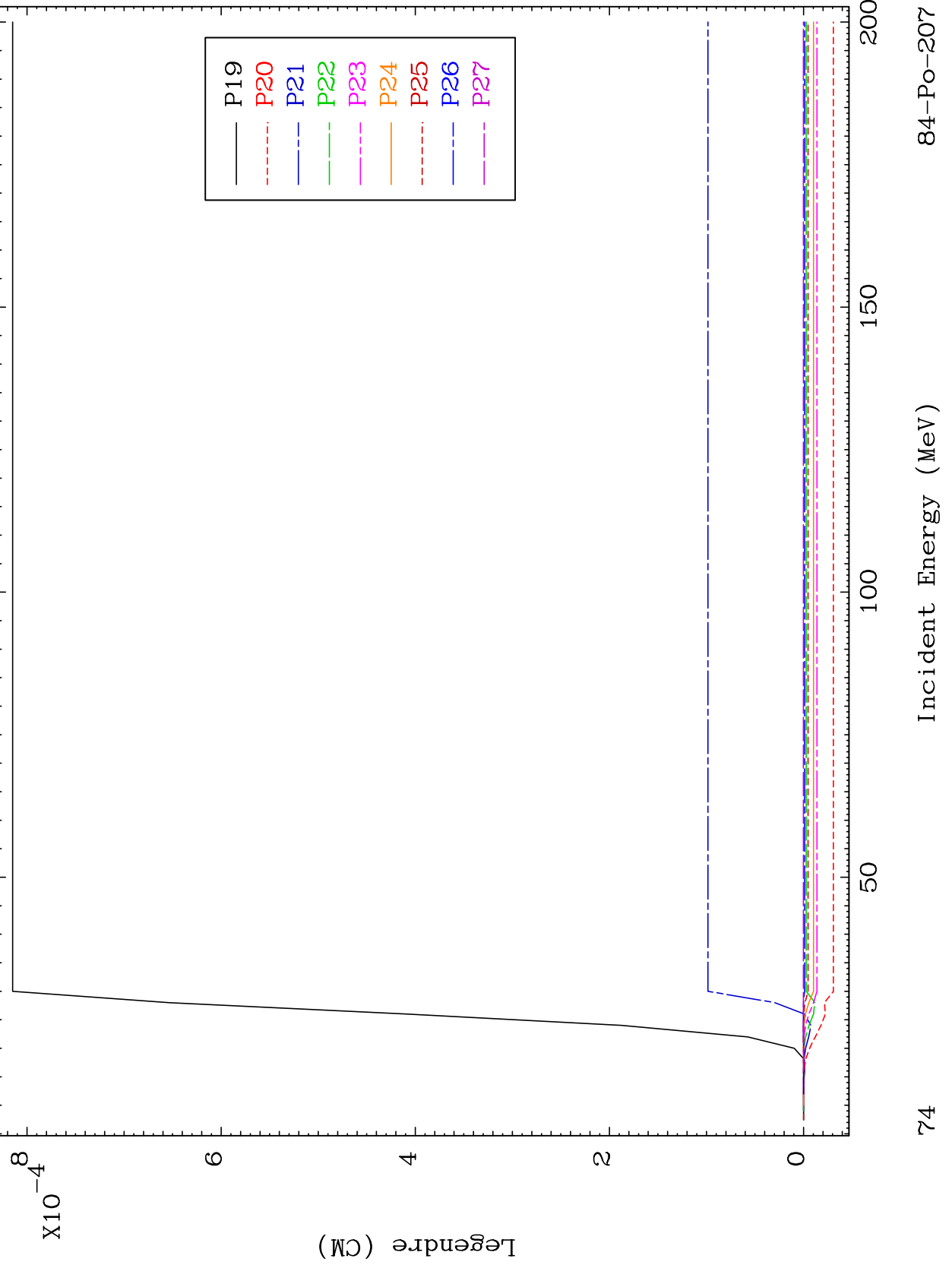
Incident Energy (MeV)

84-Po-207

MAT 8428

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

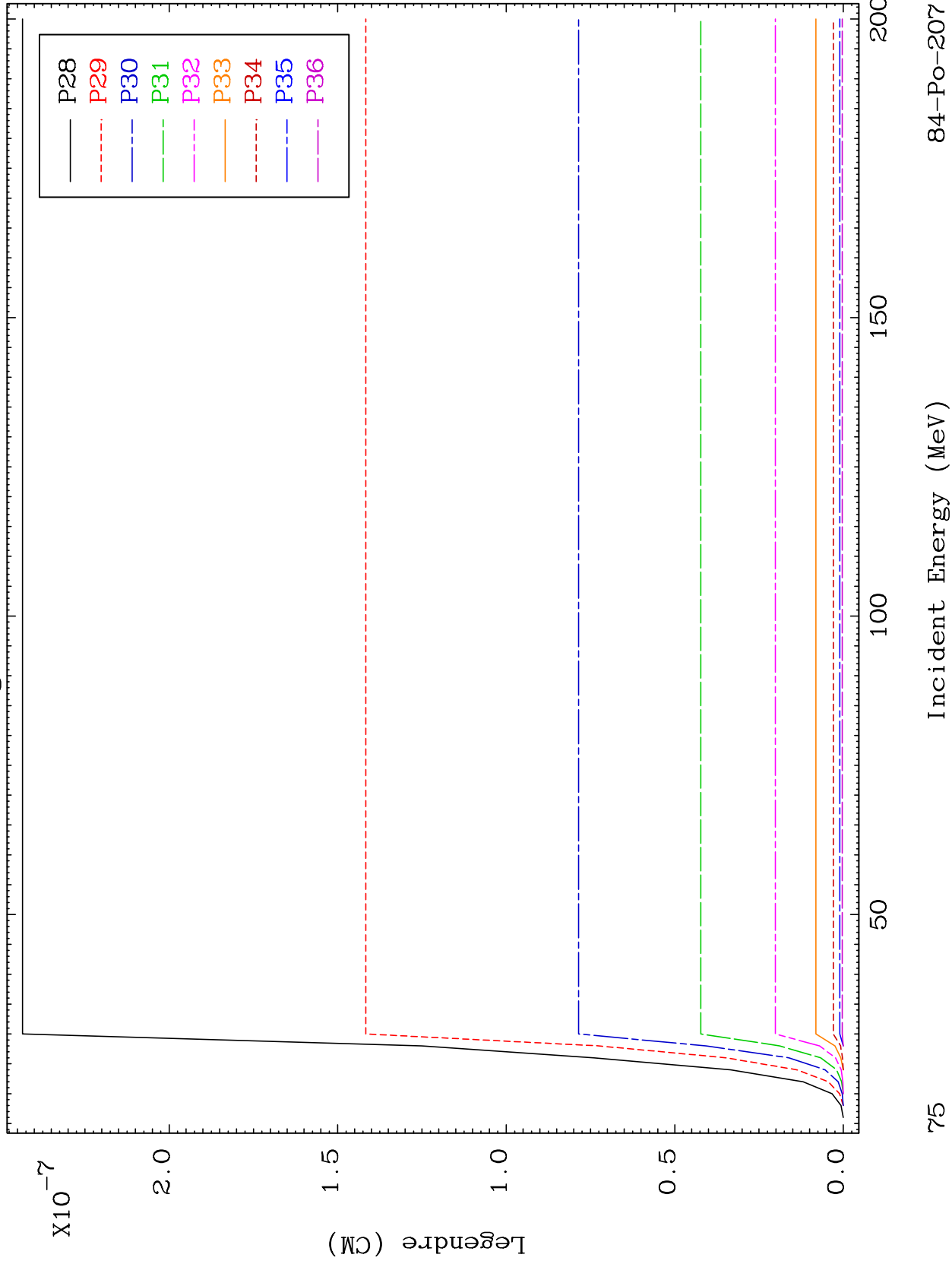
84-Po-207



MAT 8428

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

84-Po-207



75

Incident Energy (MeV)

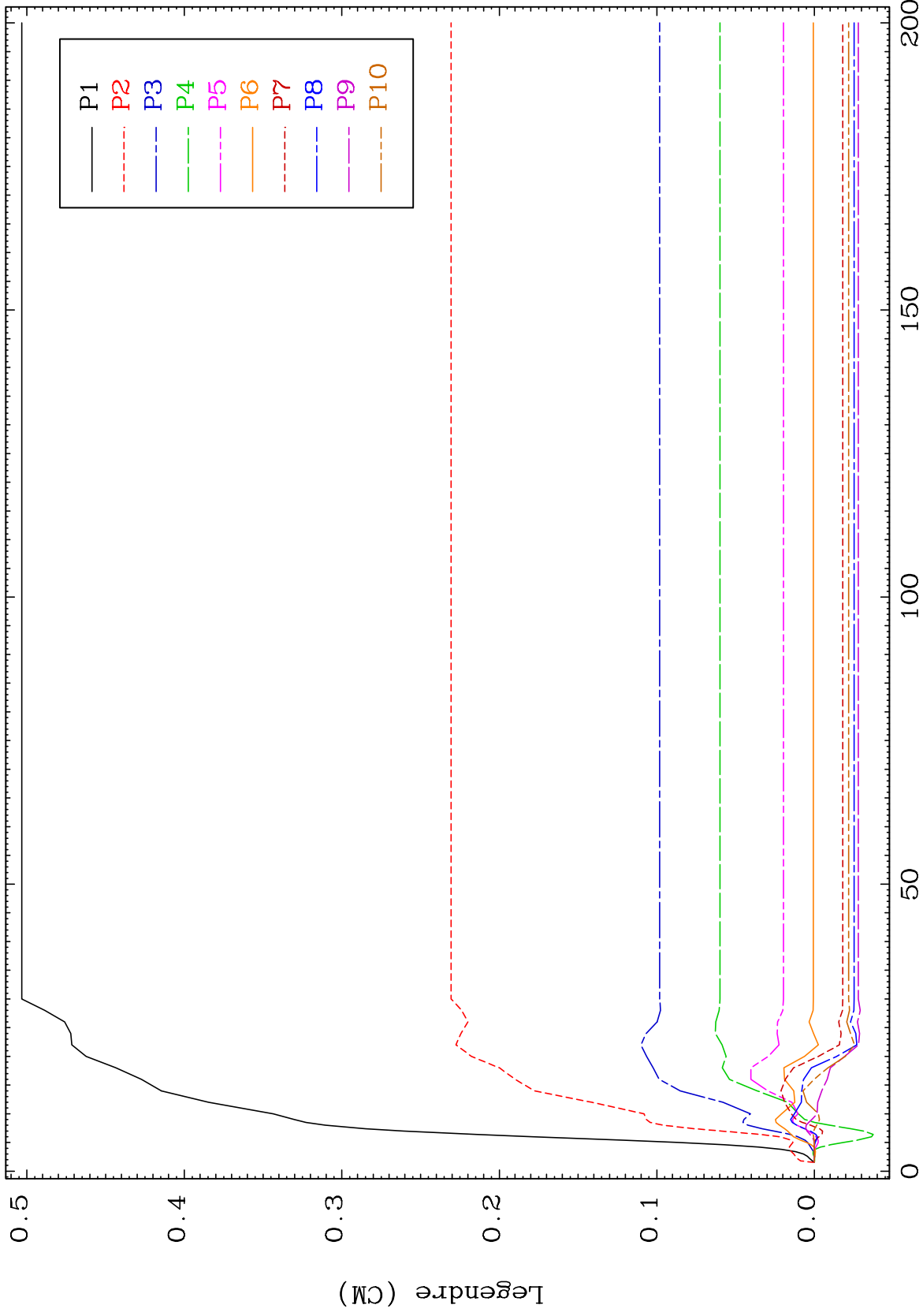
84-Po-207

MAT 8428

MT= 65 (n,n') Level

84-Po-207

Legendre Coefficients



76

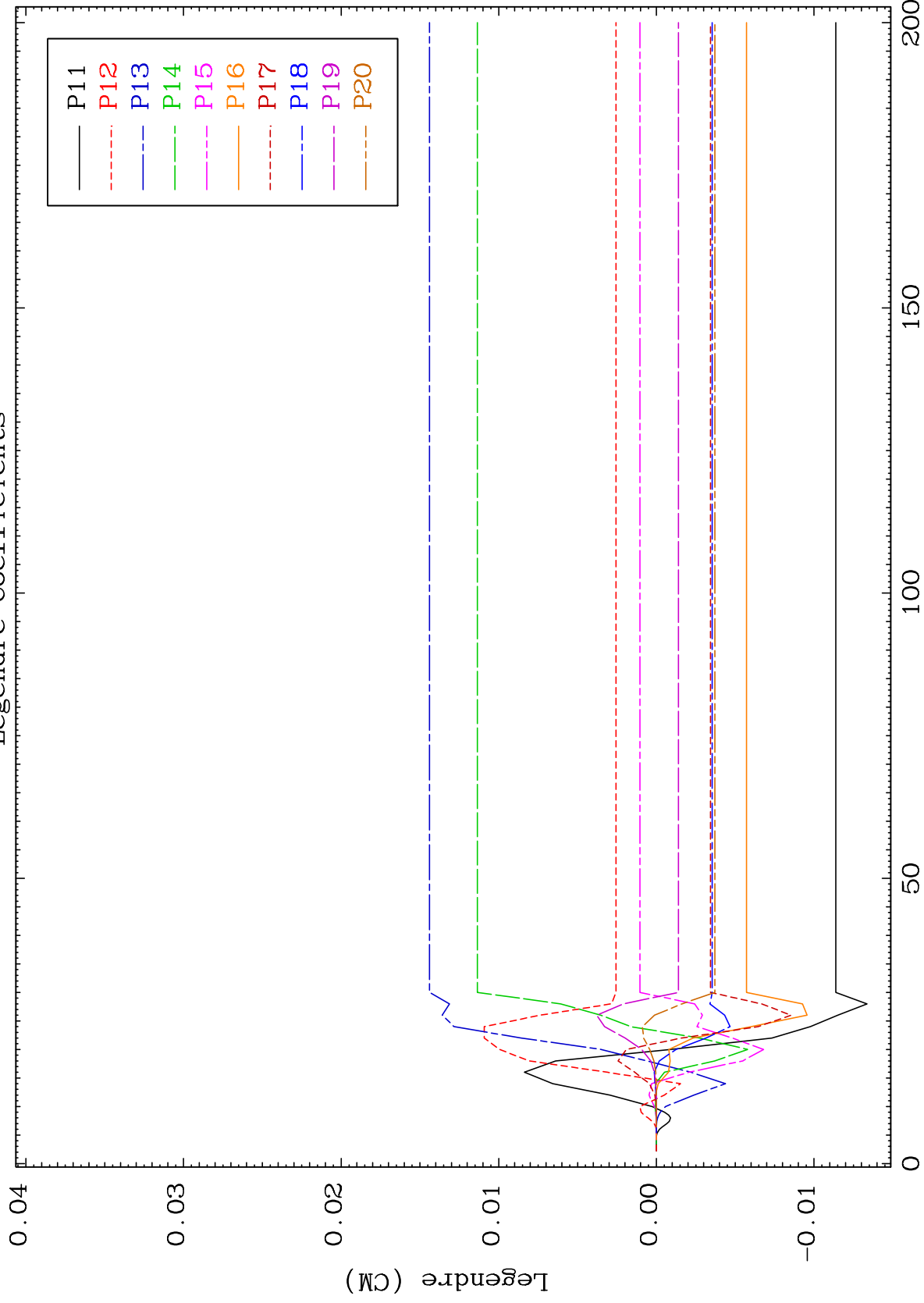
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



77

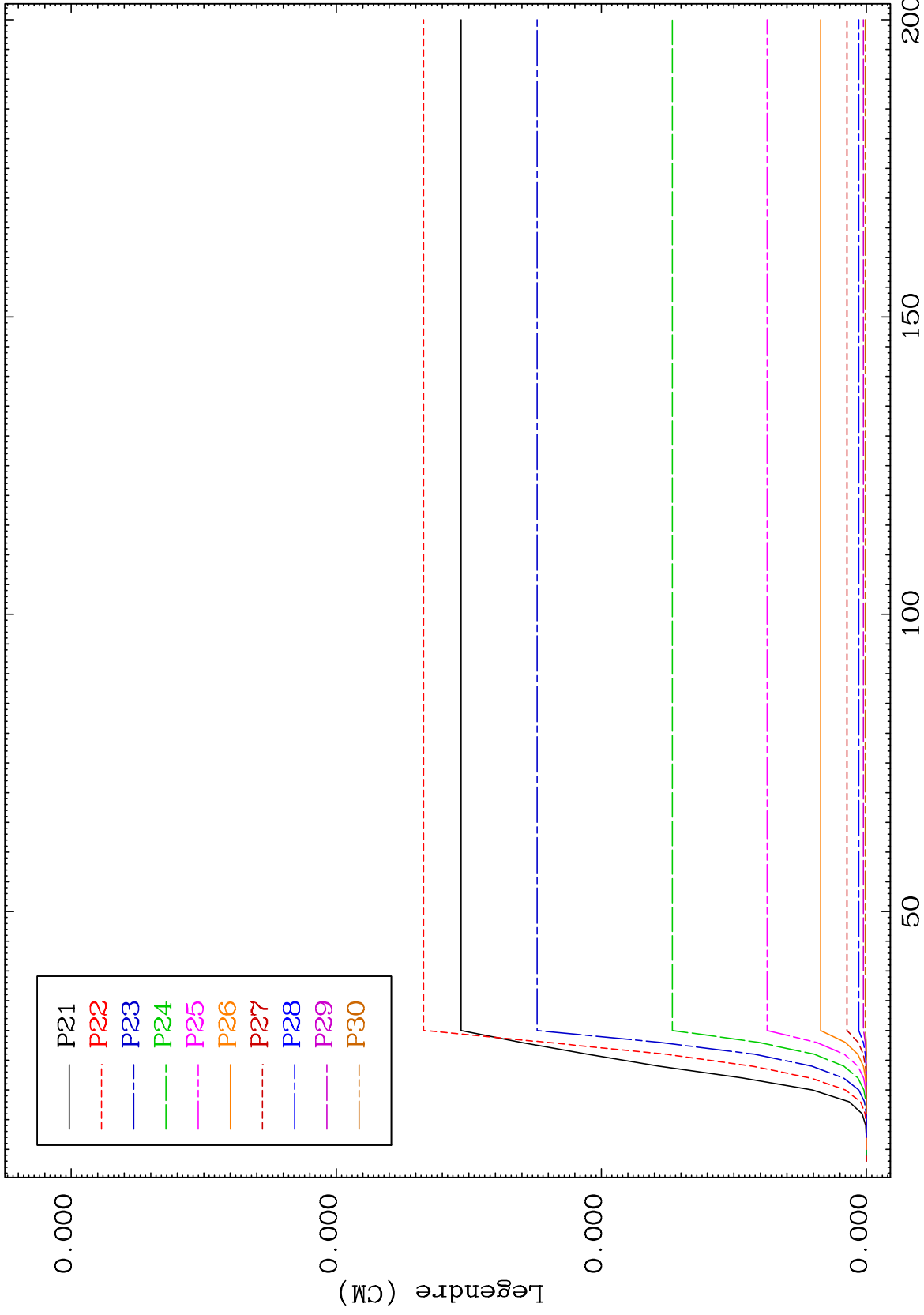
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



78

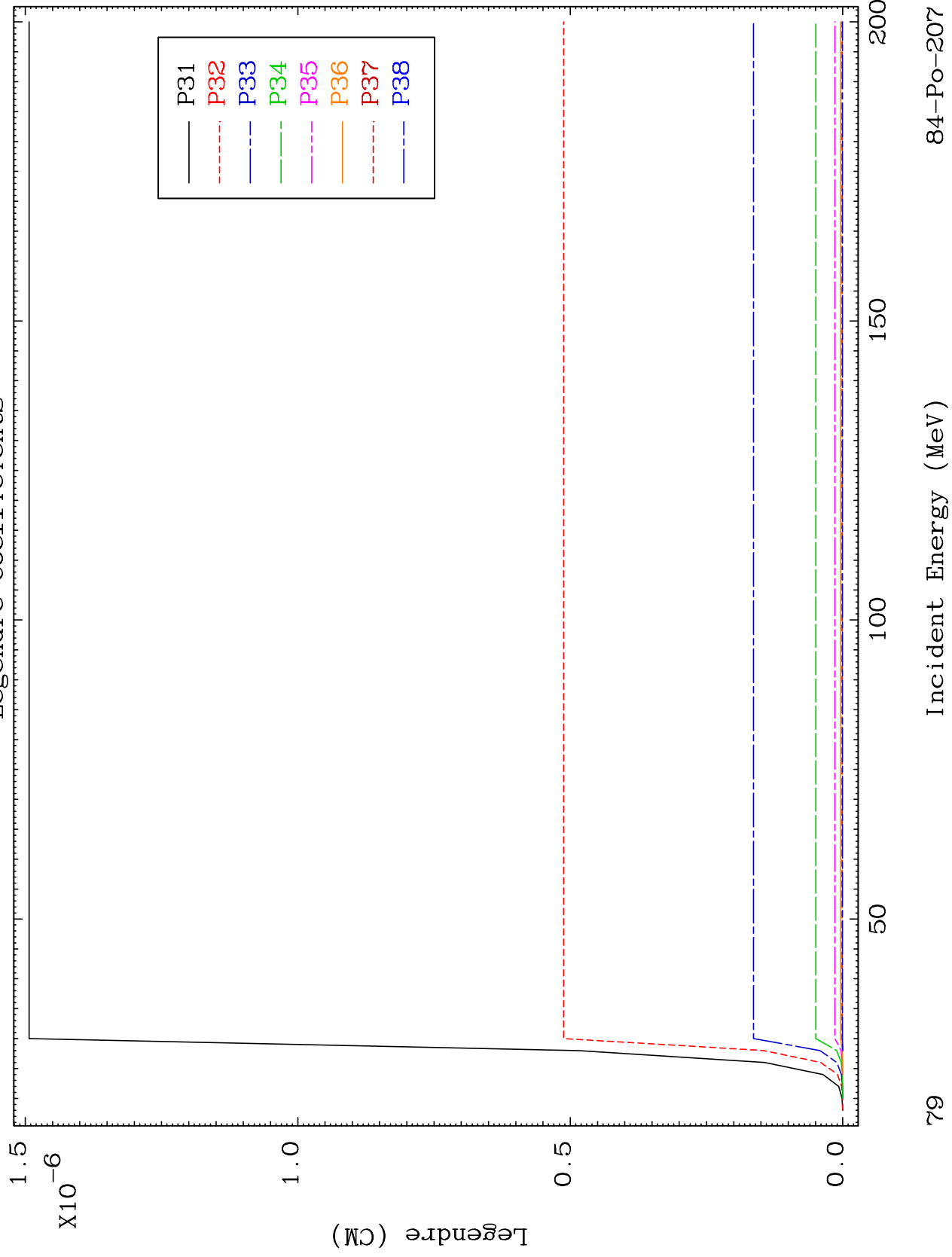
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



79

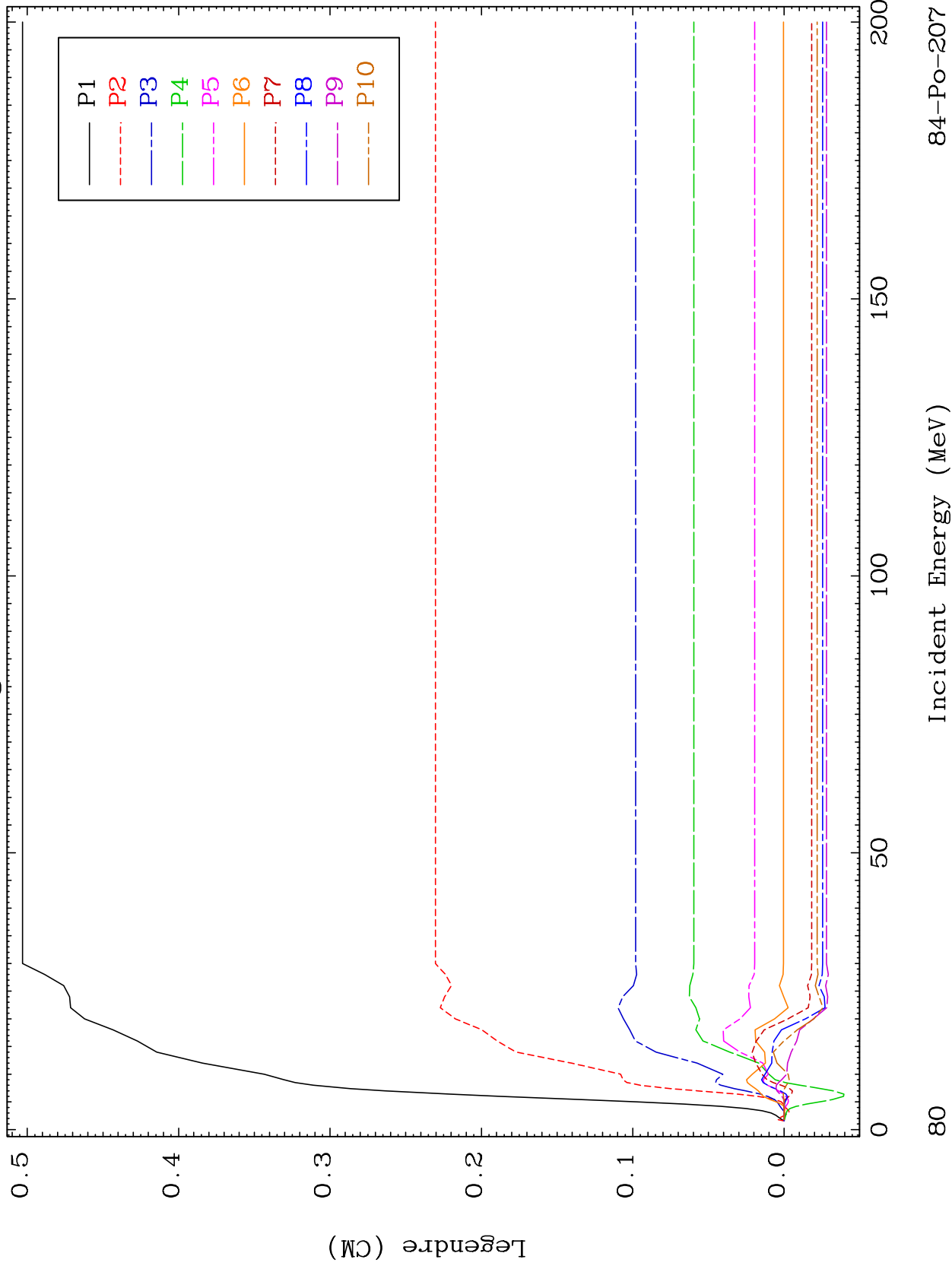
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207

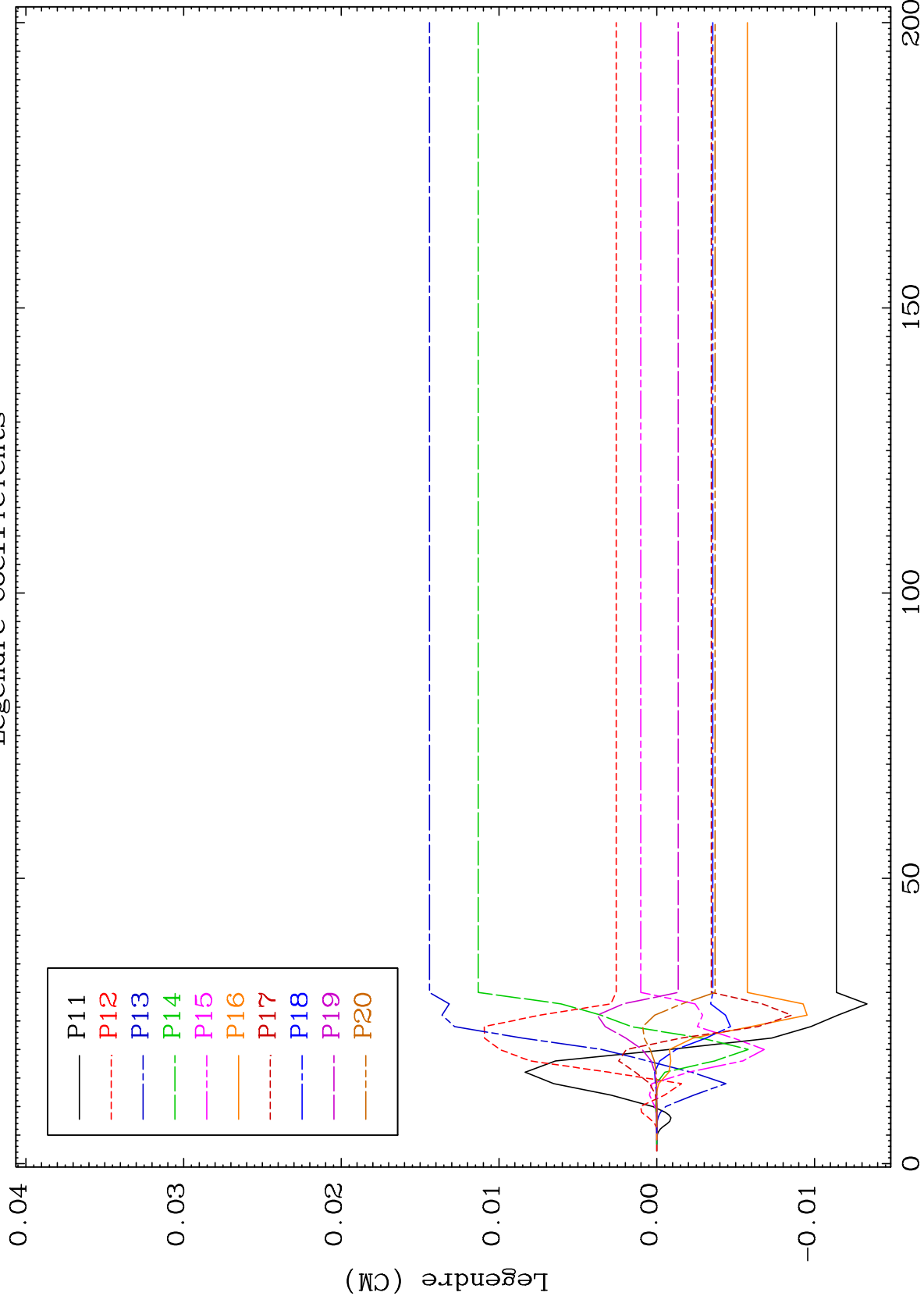


84-Po-207

MAT 8428

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

84-Po-207



81

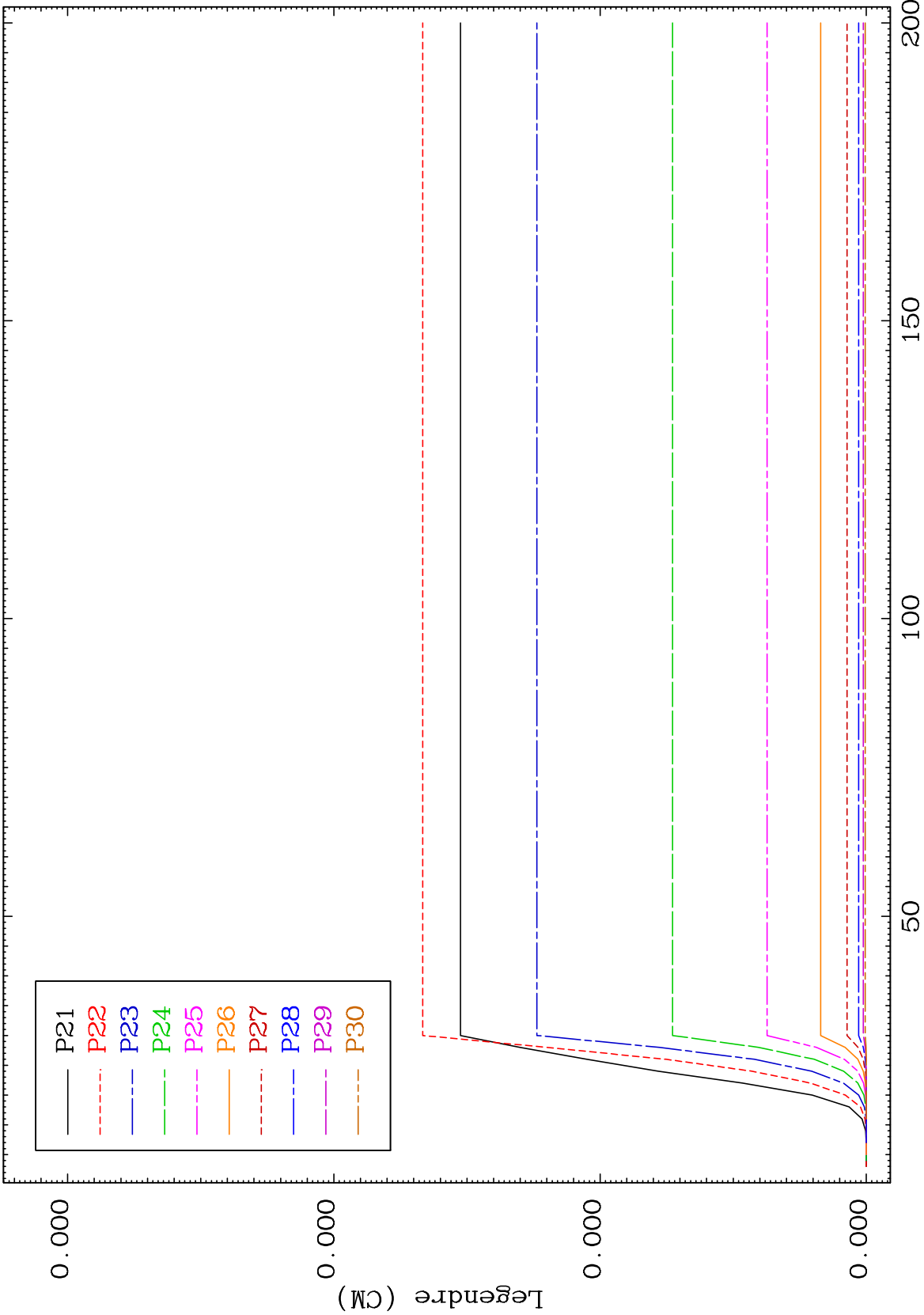
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



82

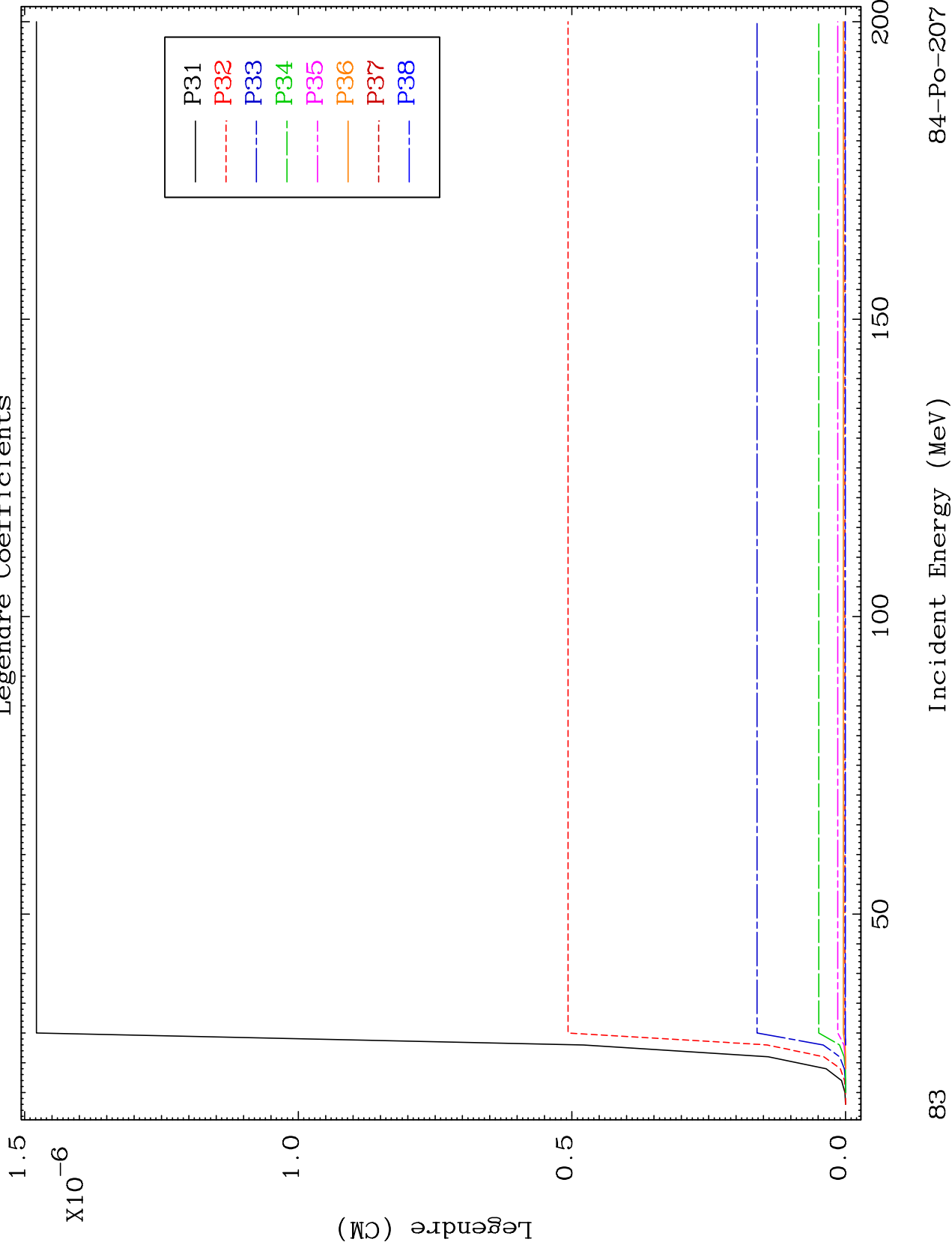
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



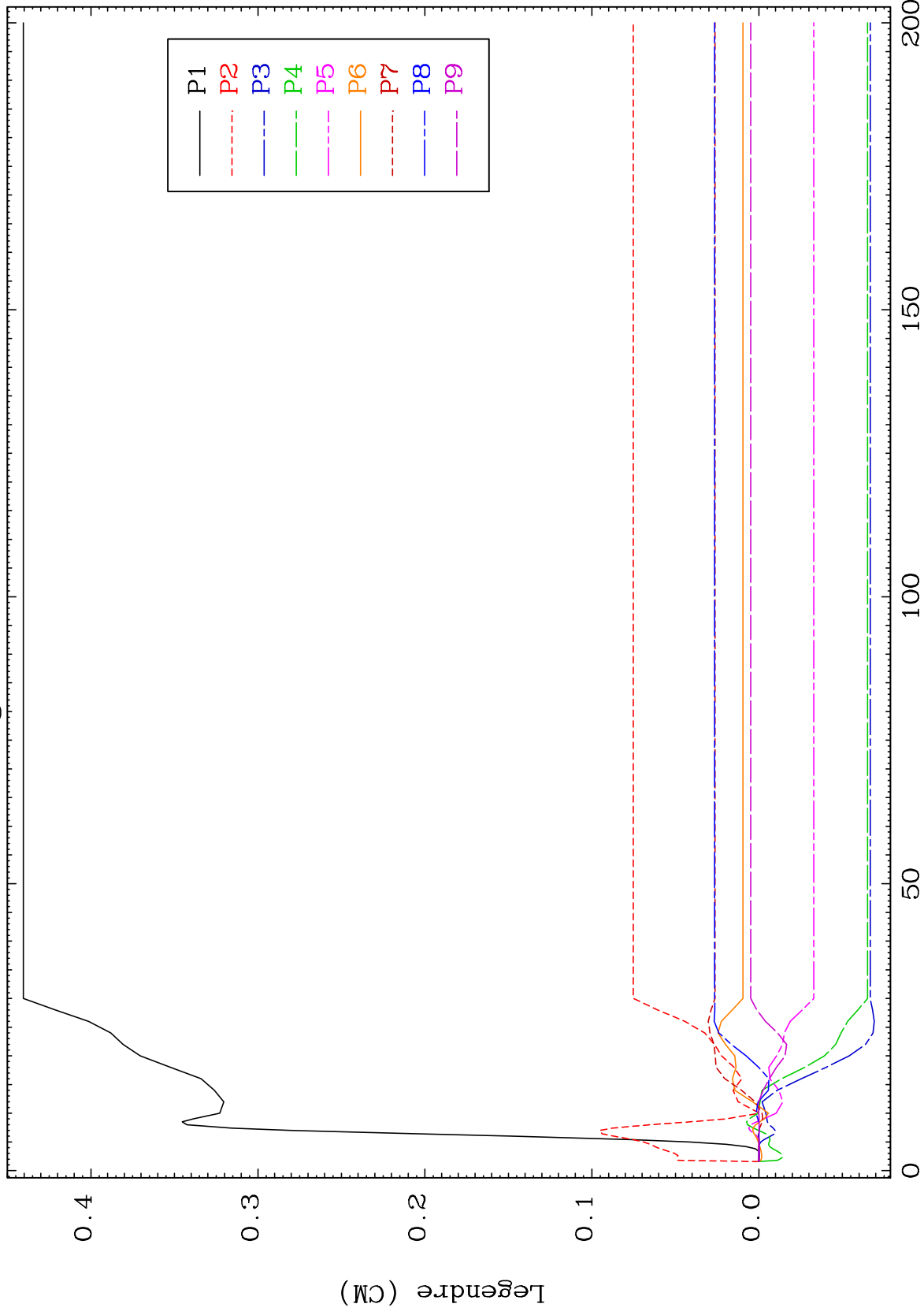
83

84-Po-207

MAT 8428

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

84-Po-207



84

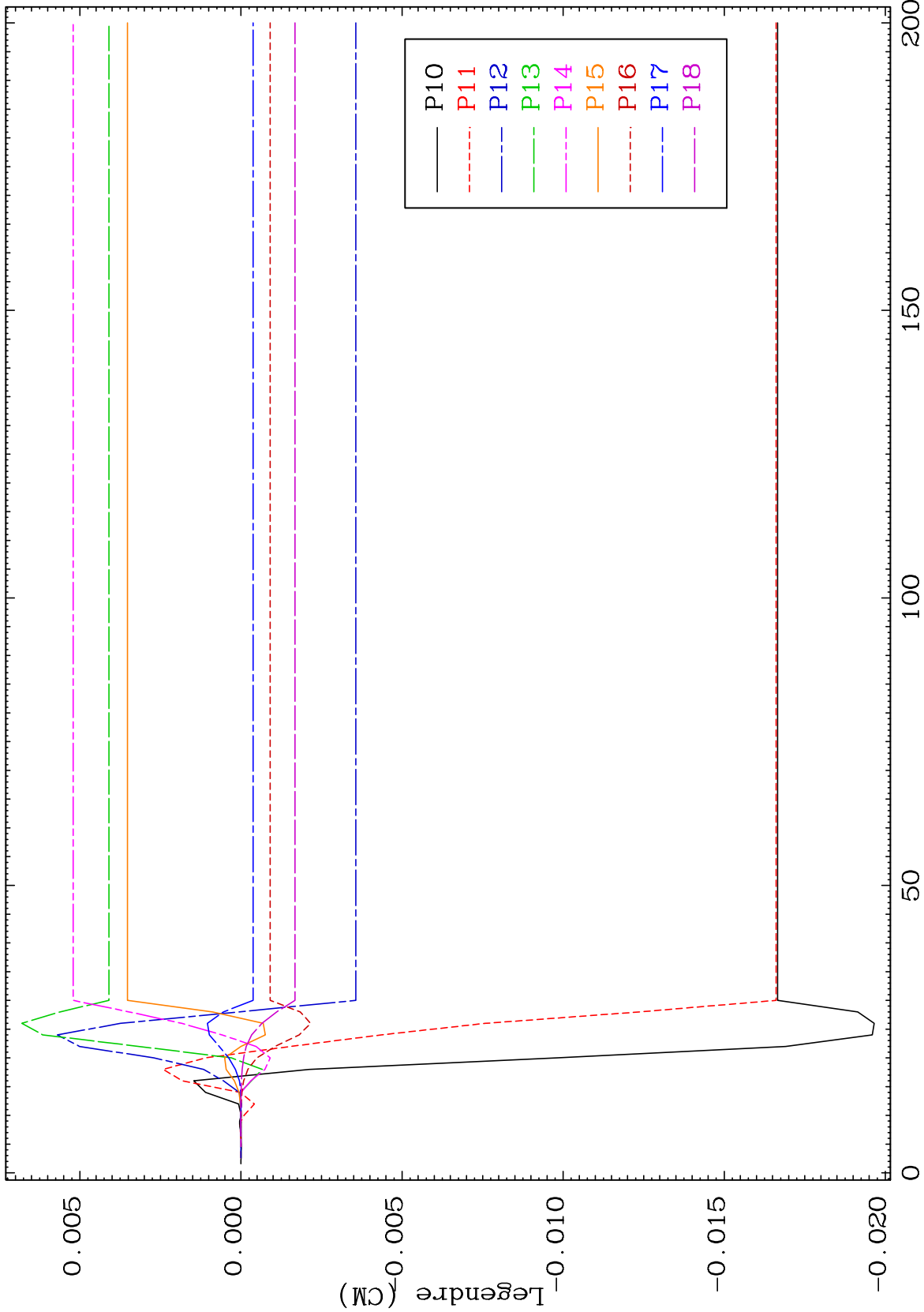
Incident Energy (MeV)

84-Po-207

MAT 8428

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

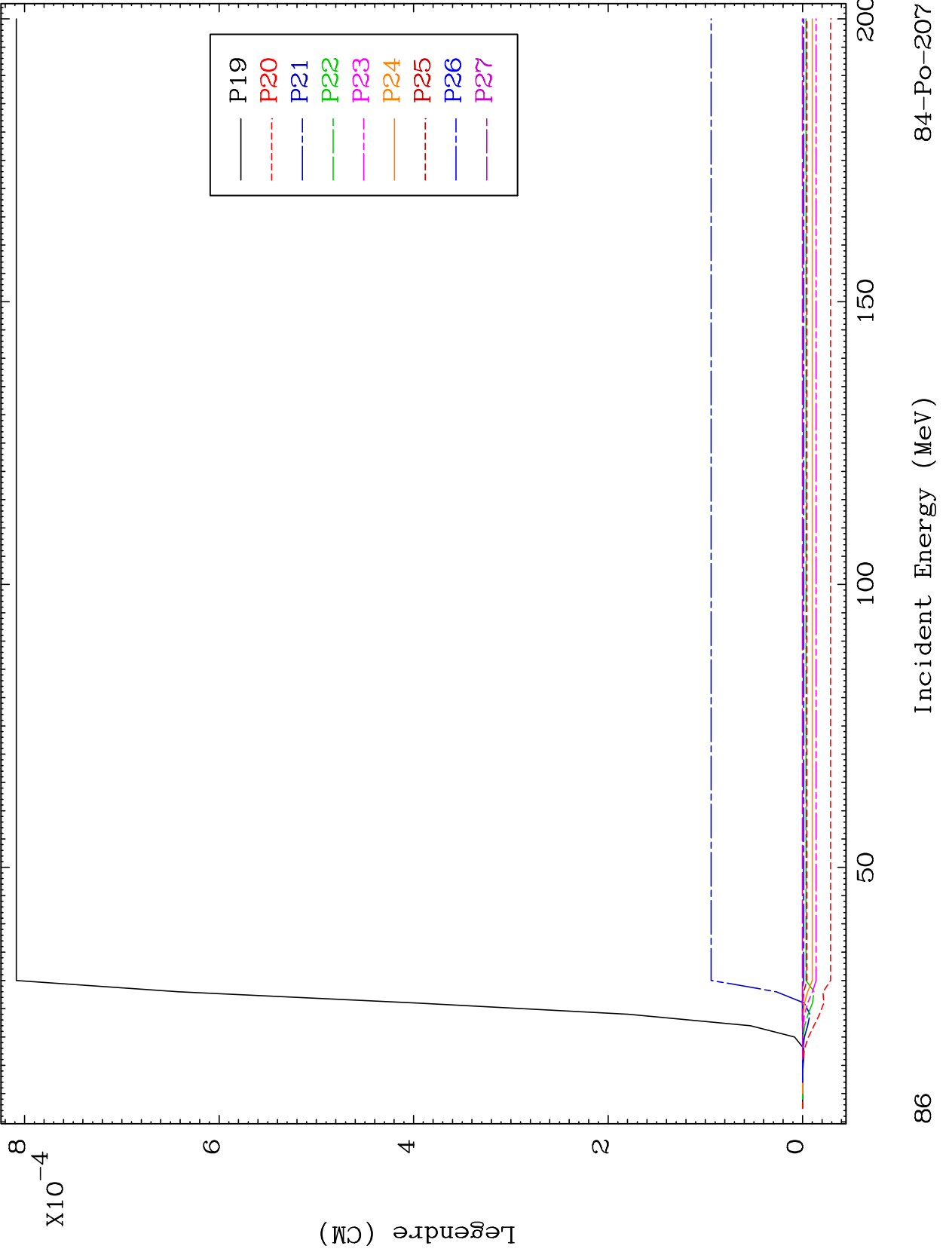
84-Po-207



85

Incident Energy (MeV)

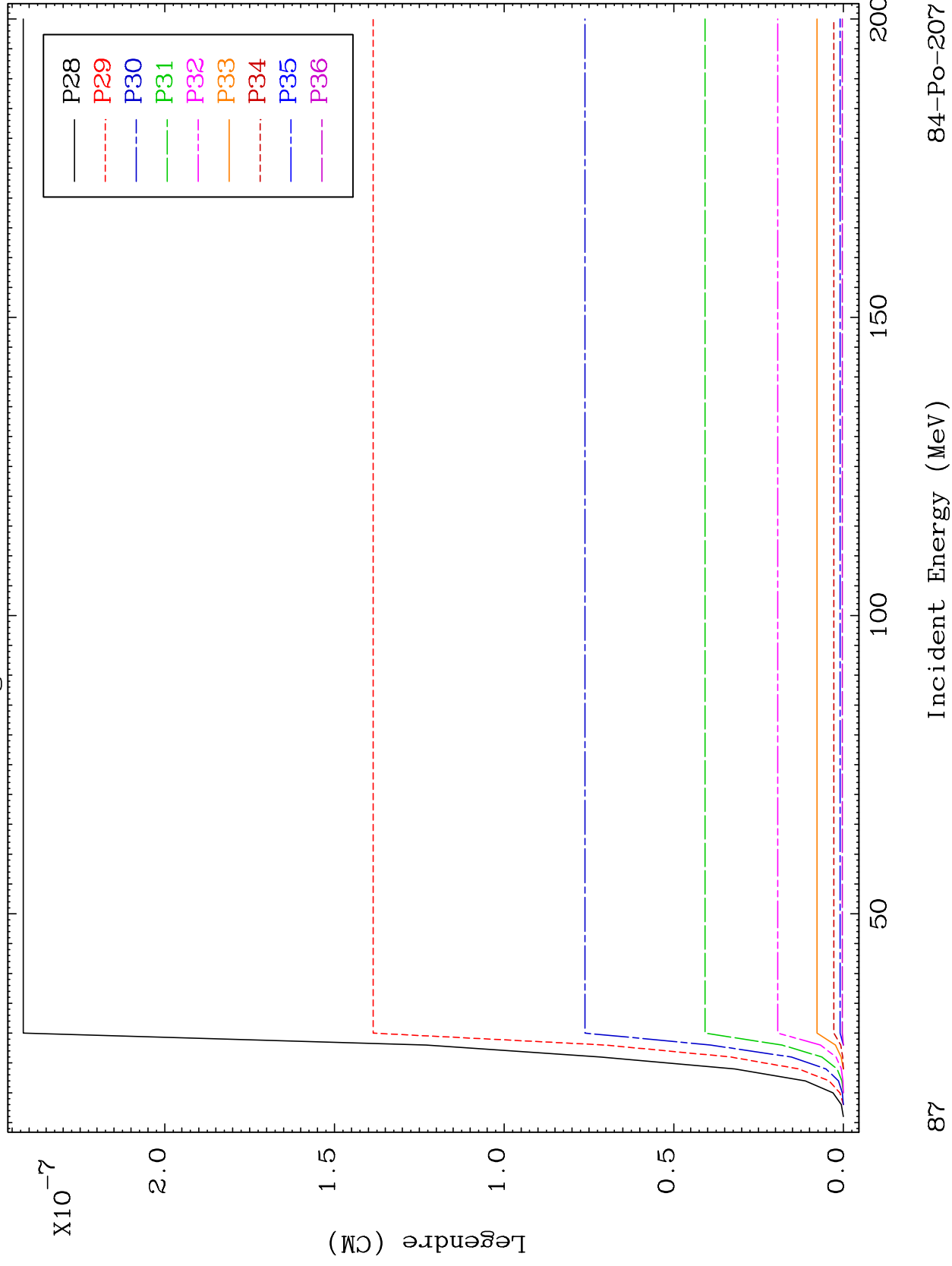
84-Po-207



MAT 8428

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

84-Po-207



87

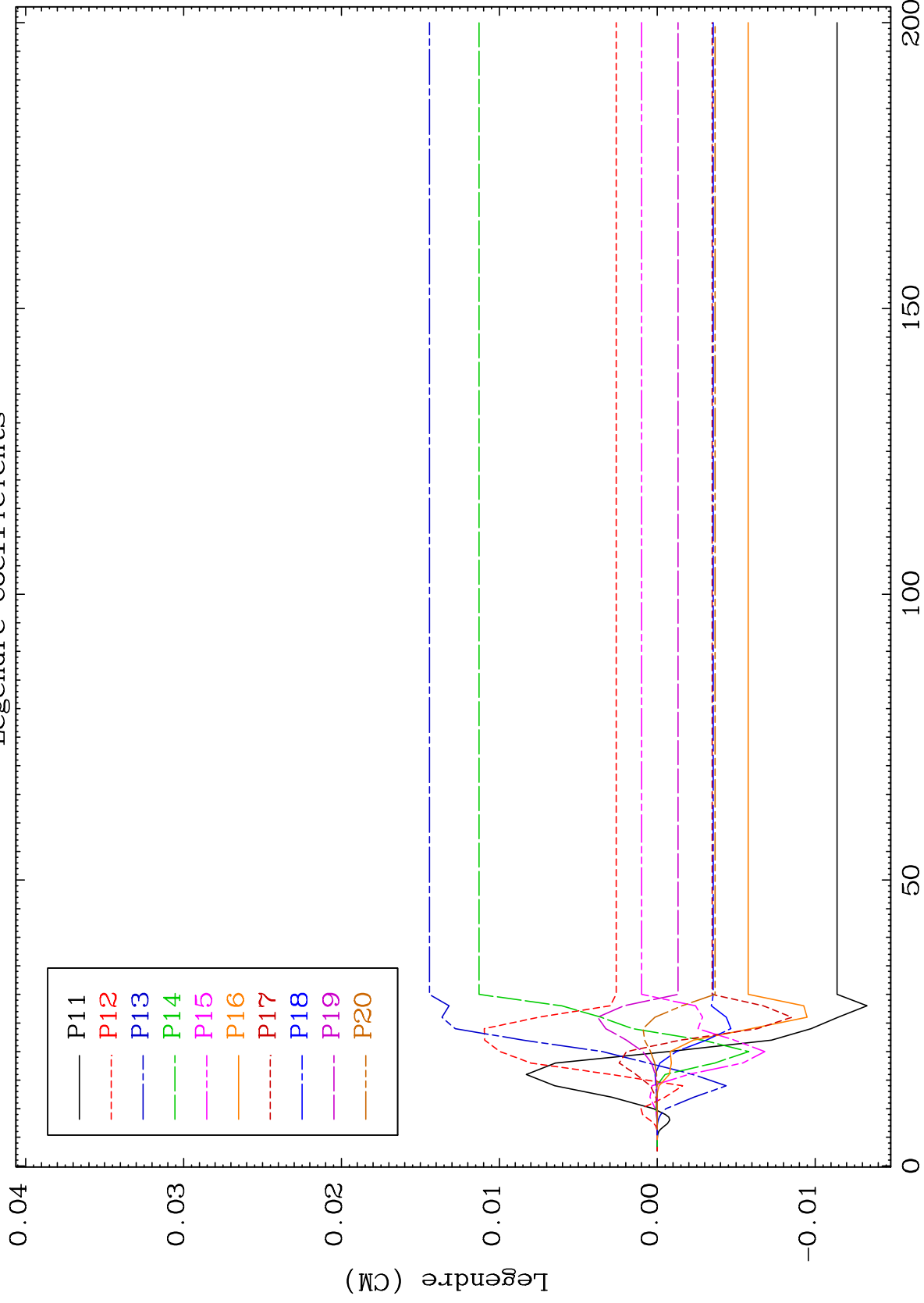
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



89

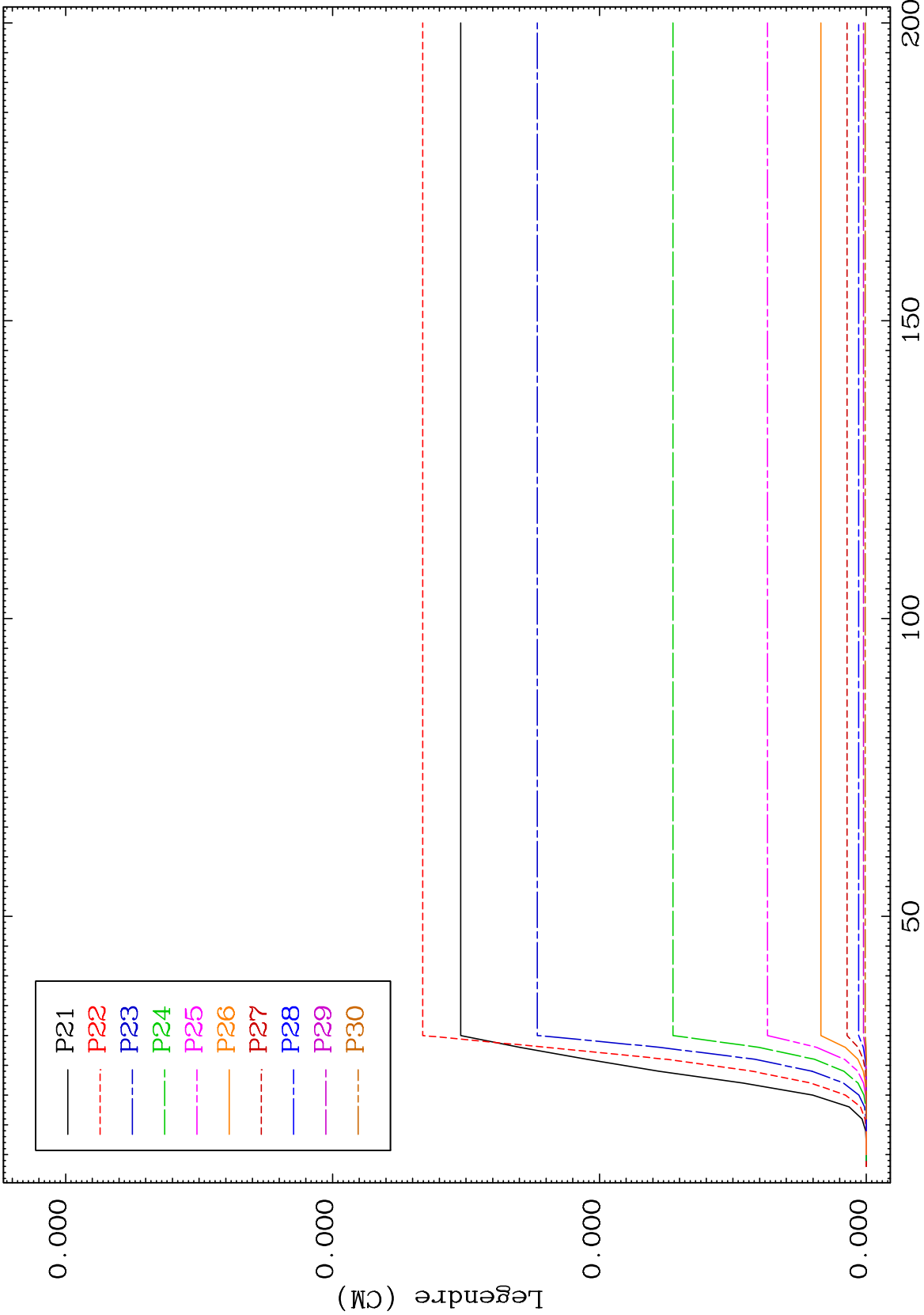
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



90

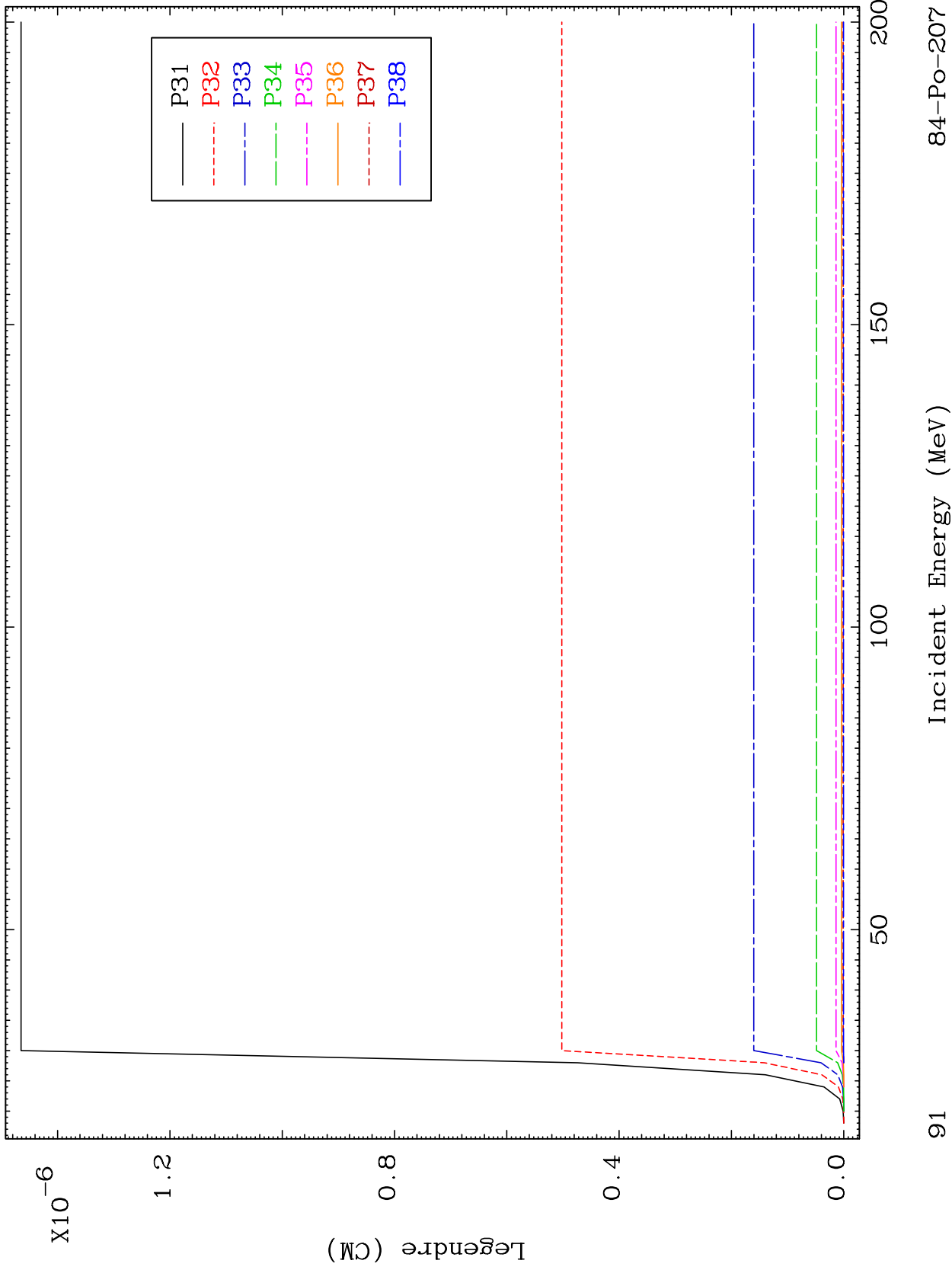
Incident Energy (MeV)

84-Po-207

MAT 8428

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

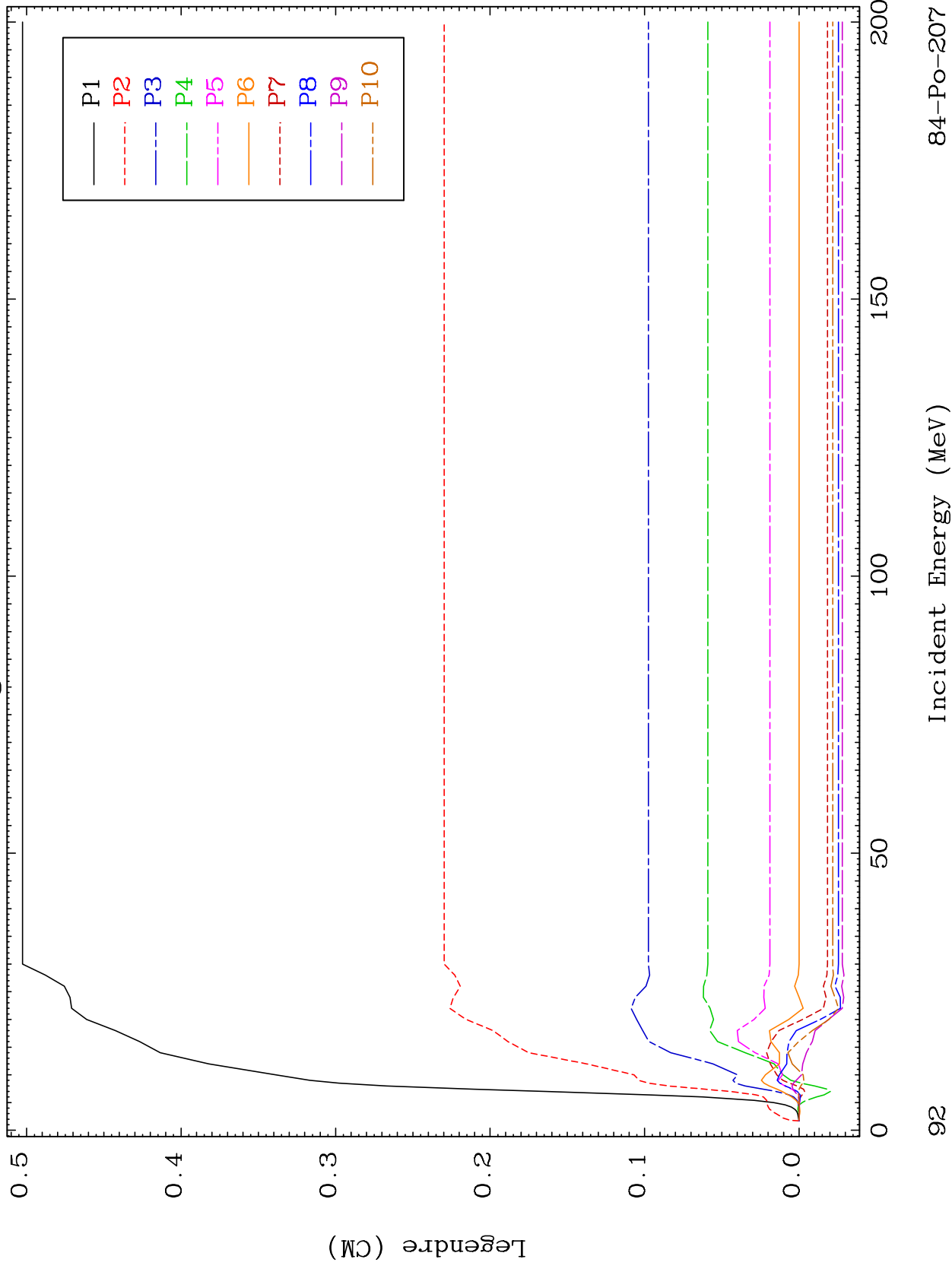
84-Po-207



MAT 8428

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

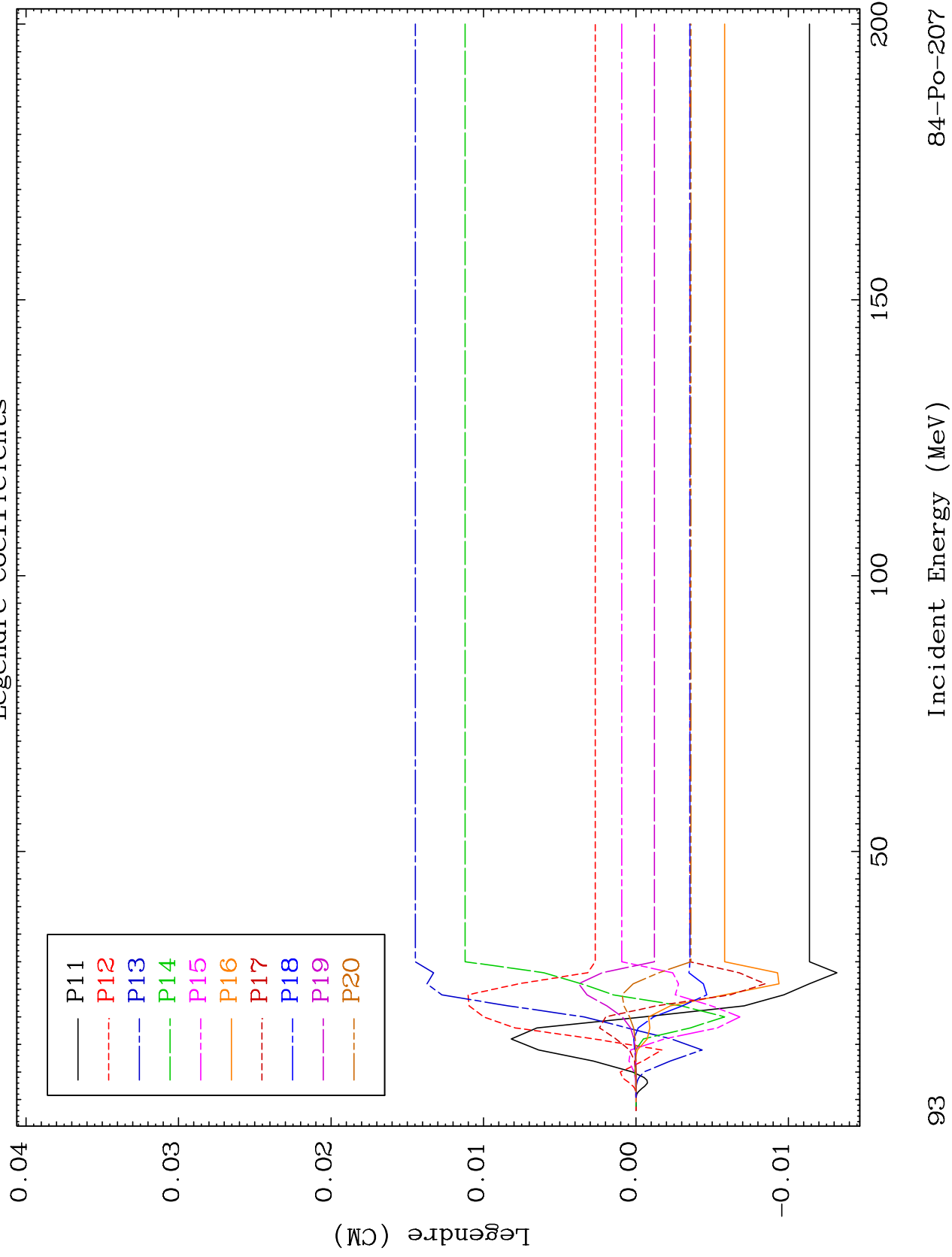
84-Po-207



MAT 8428

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

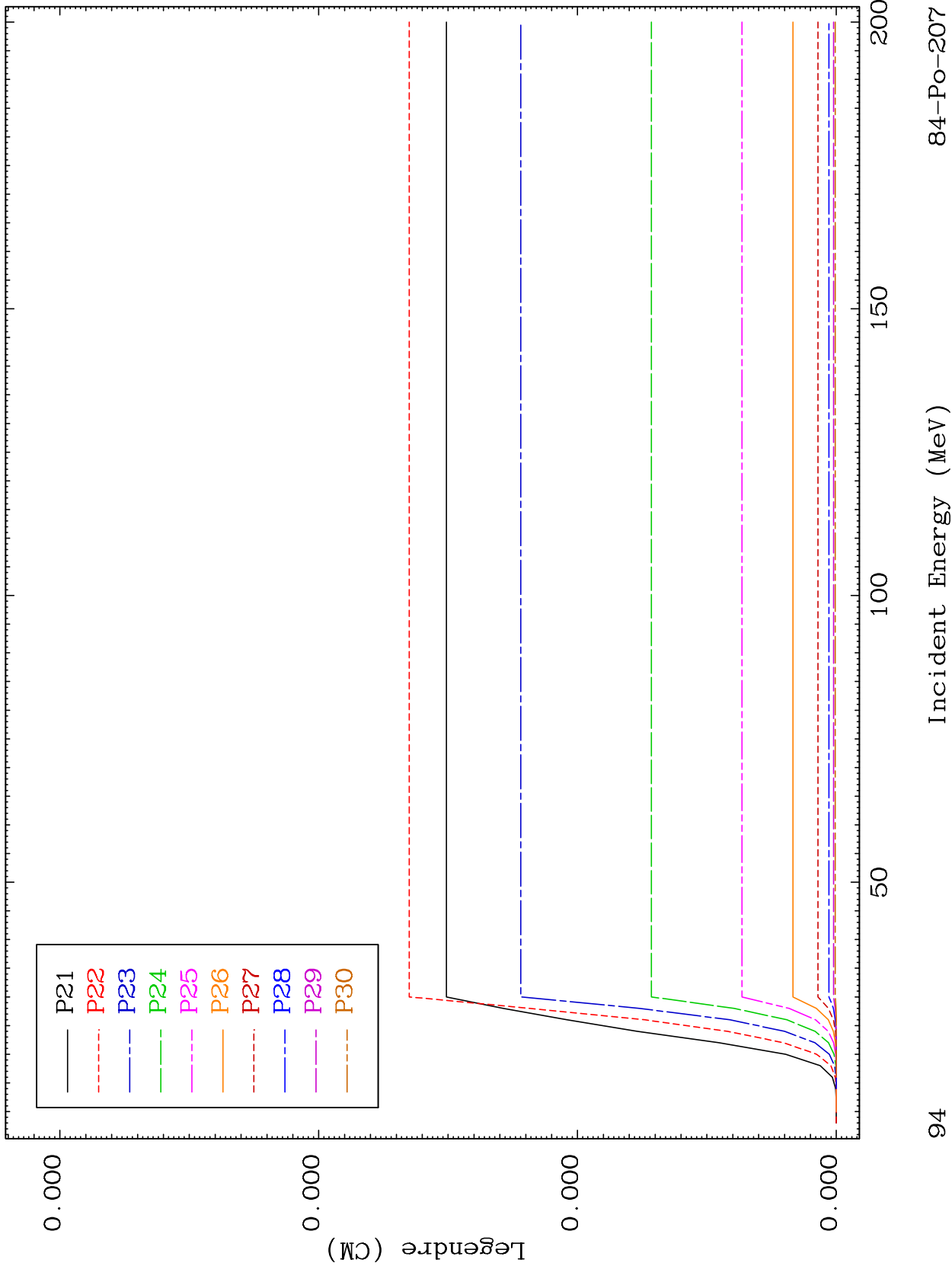
84-Po-207



MAT 8428

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

84-Po-207



94

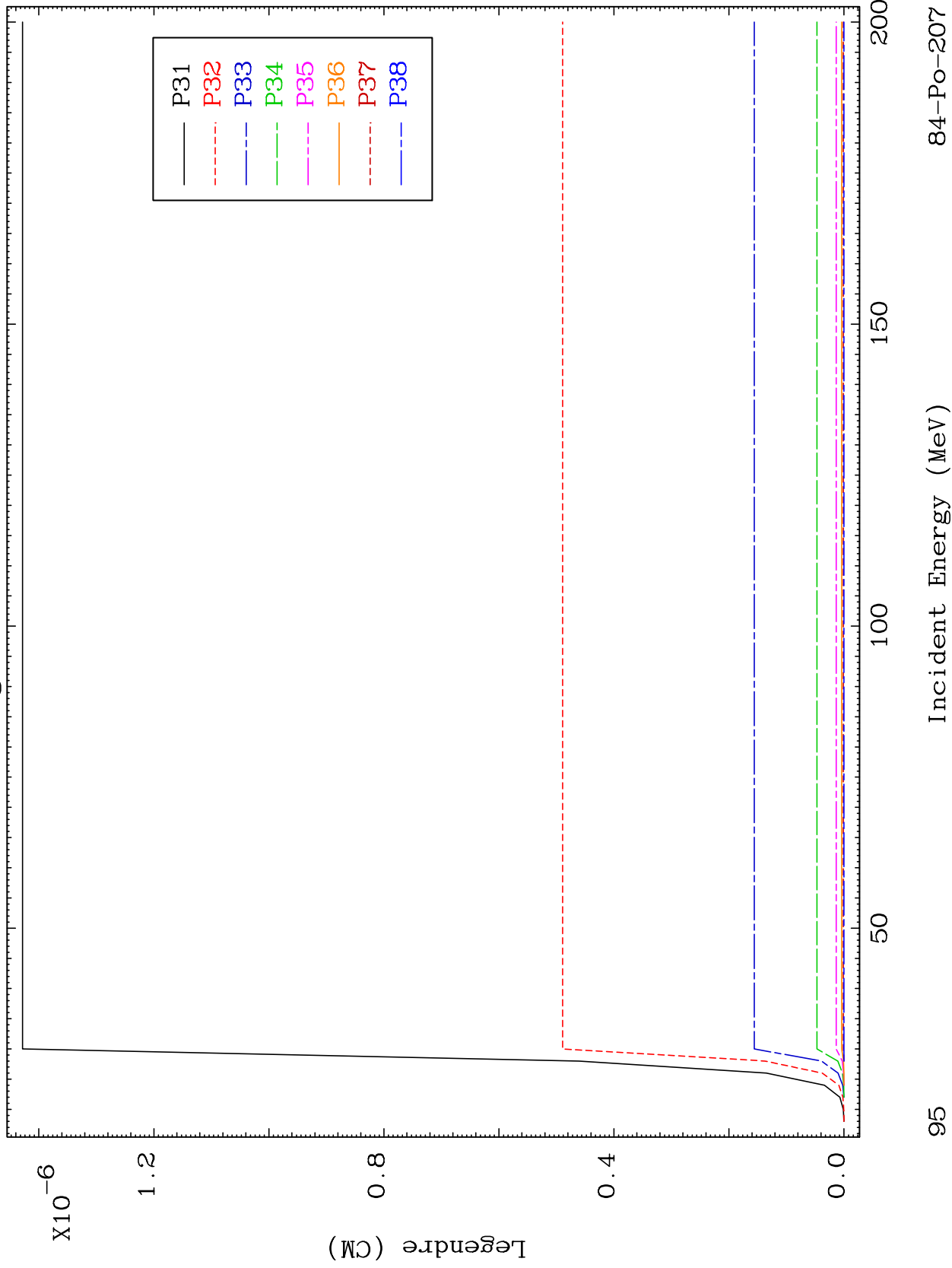
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



95

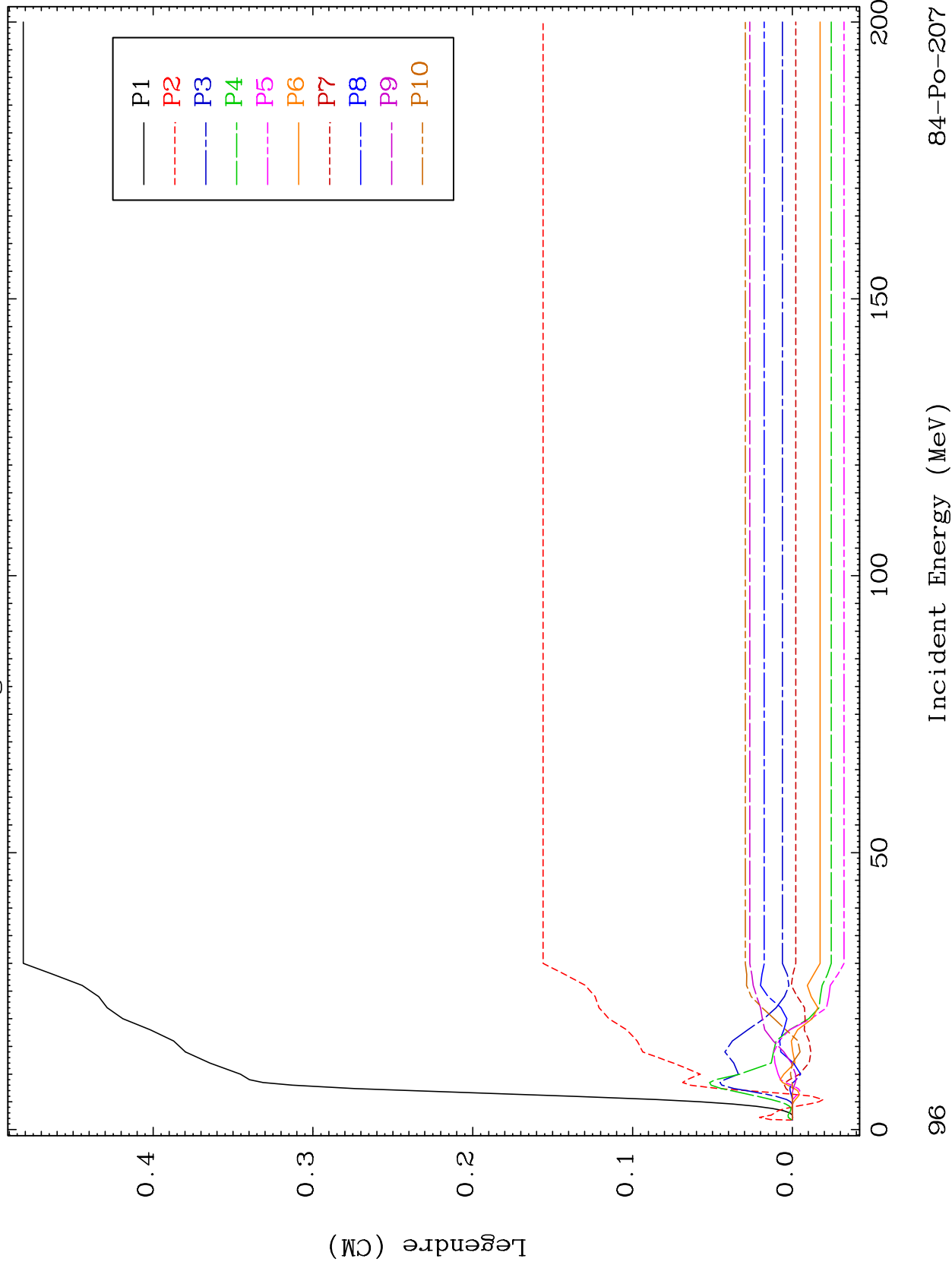
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



84-Po-207

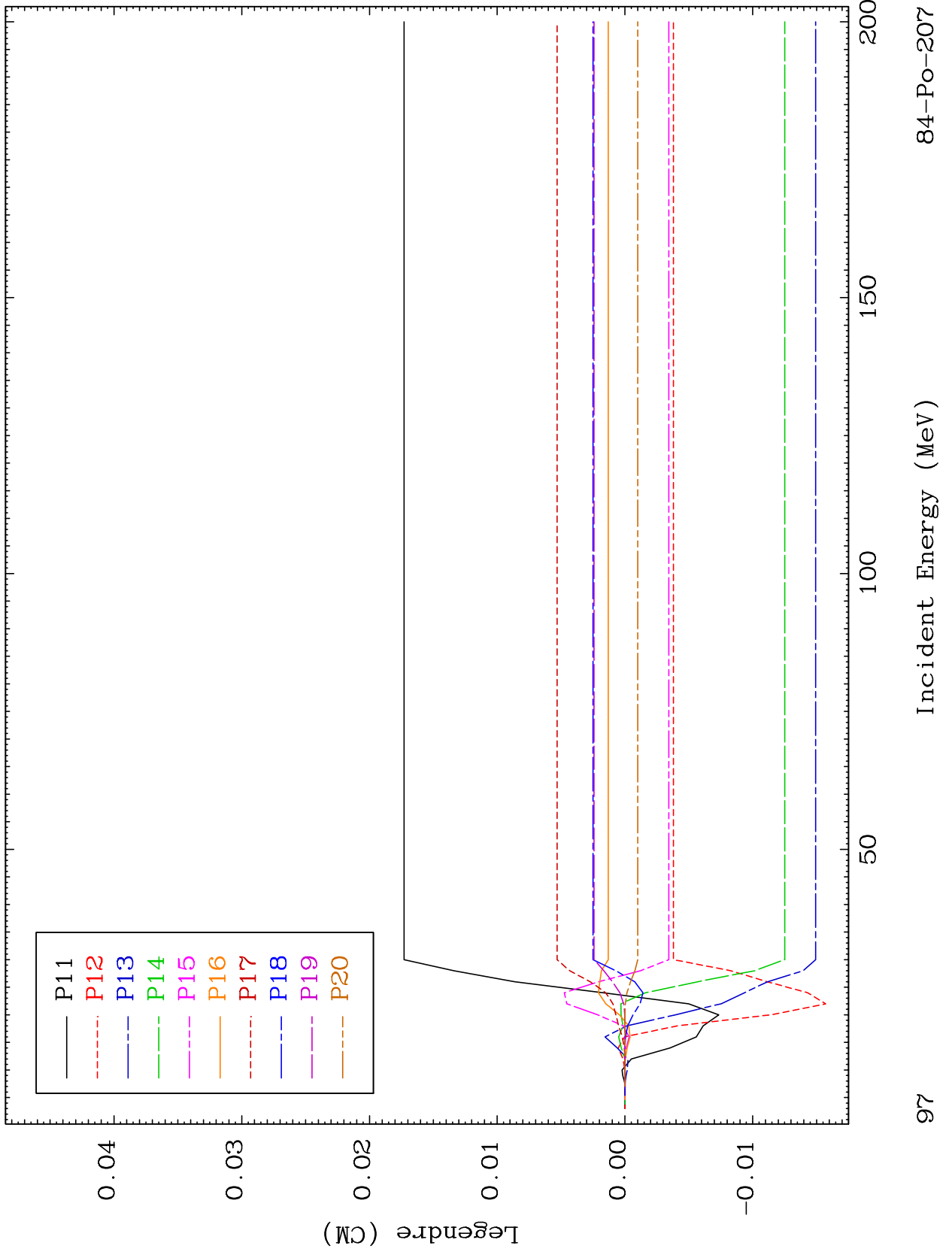
Incident Energy (MeV)

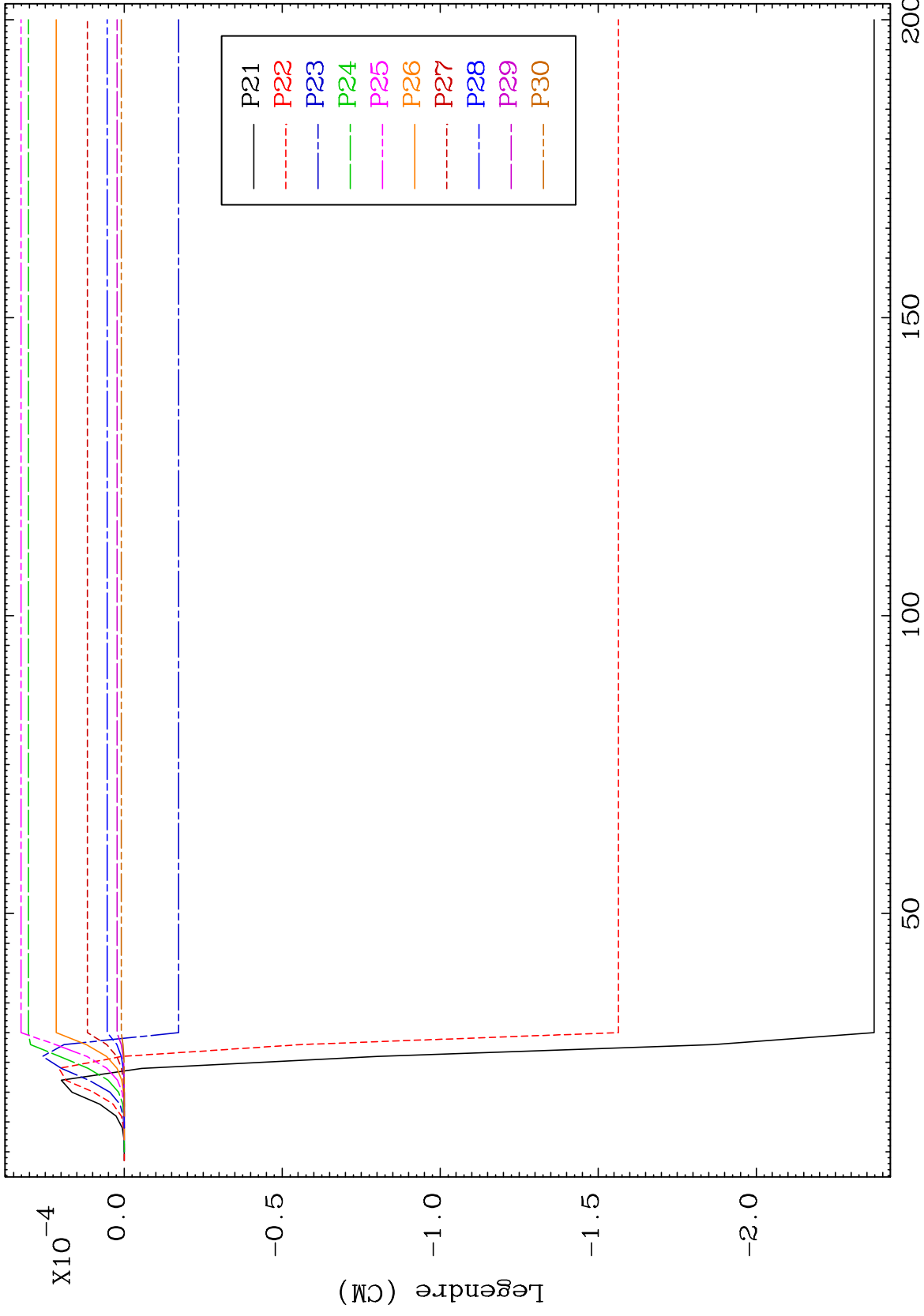
96

MAT 8428

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

84-Po-207

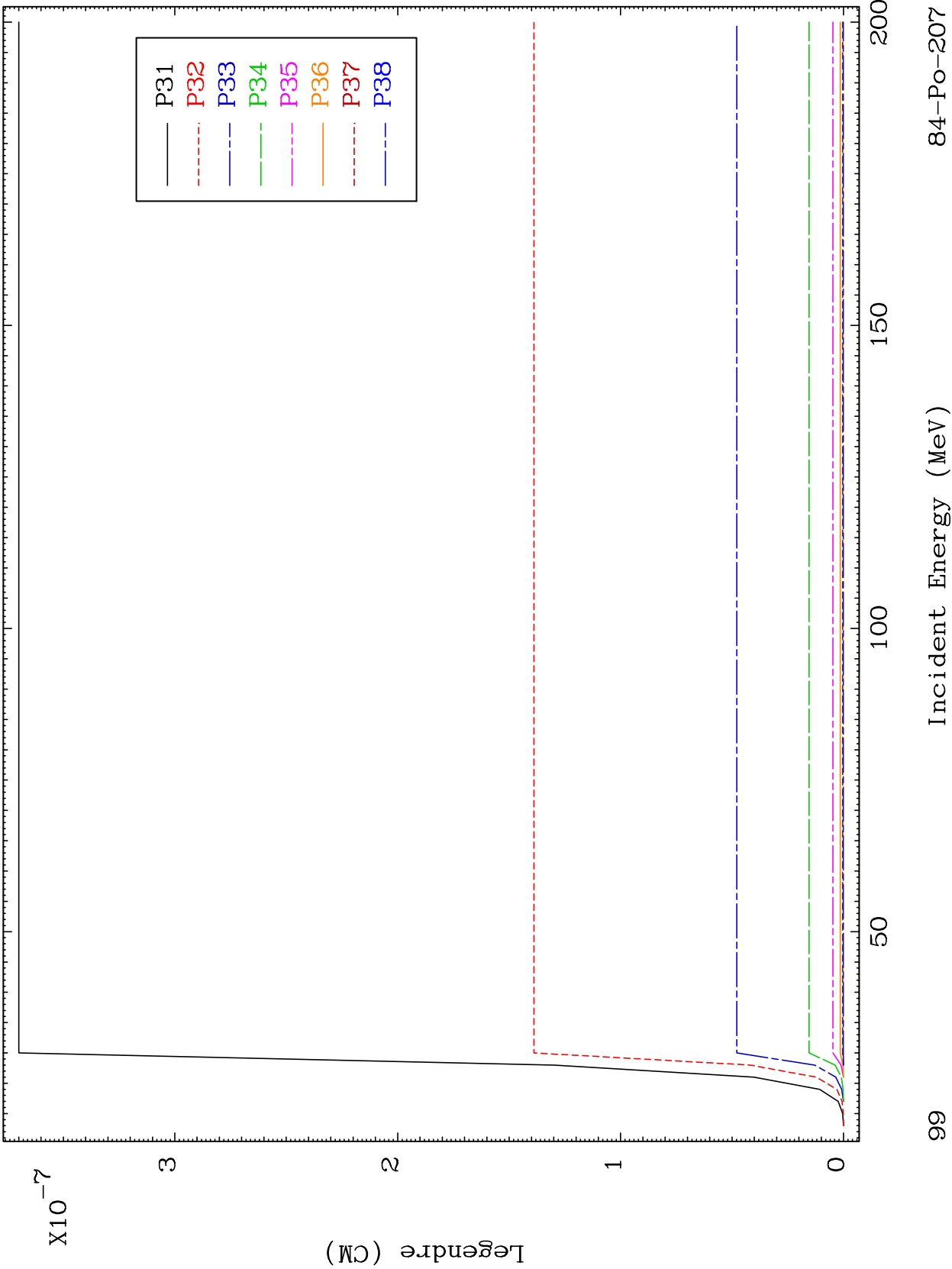




MAT 8428

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

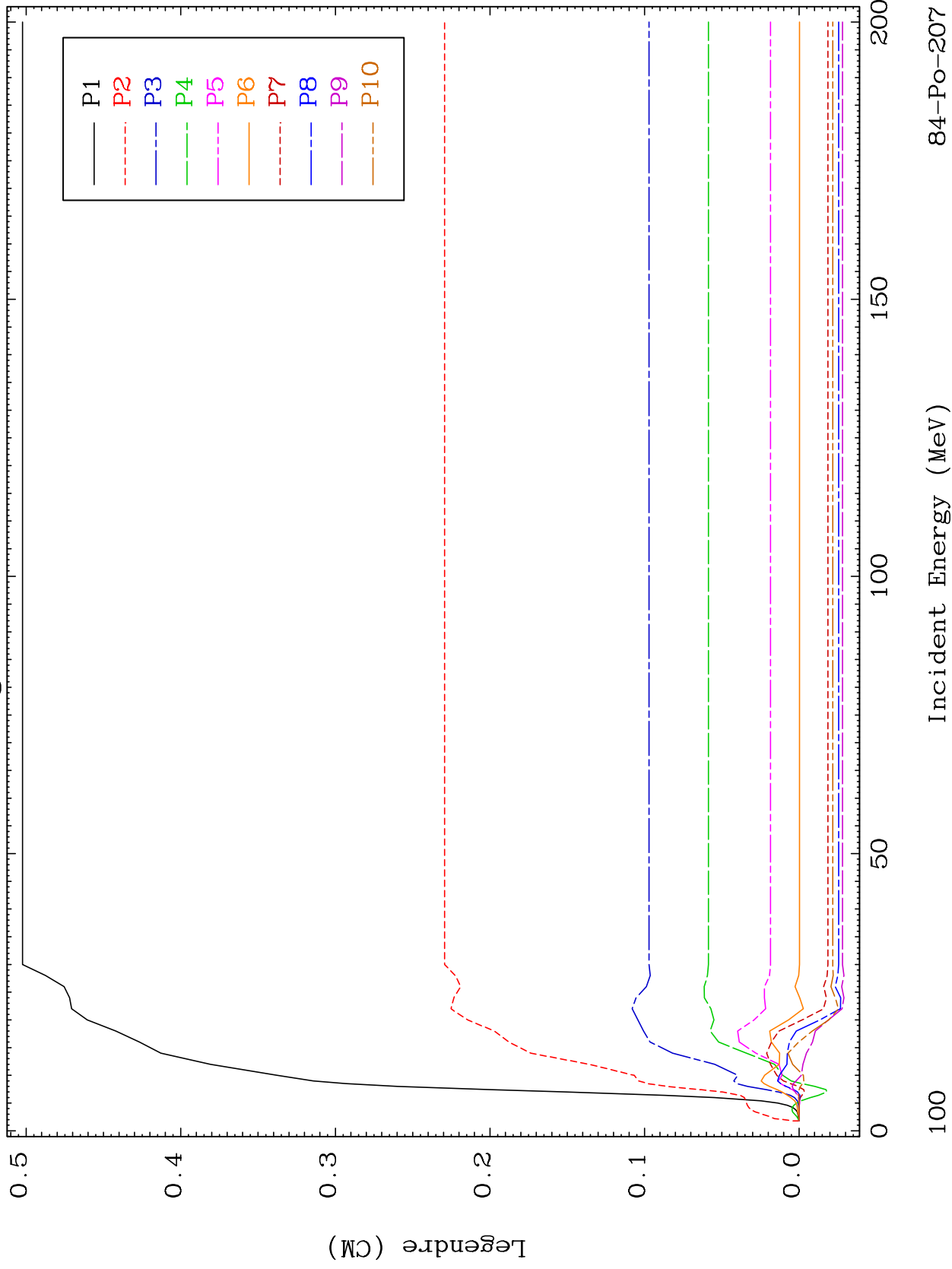
84-Po-207



MAT 8428

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

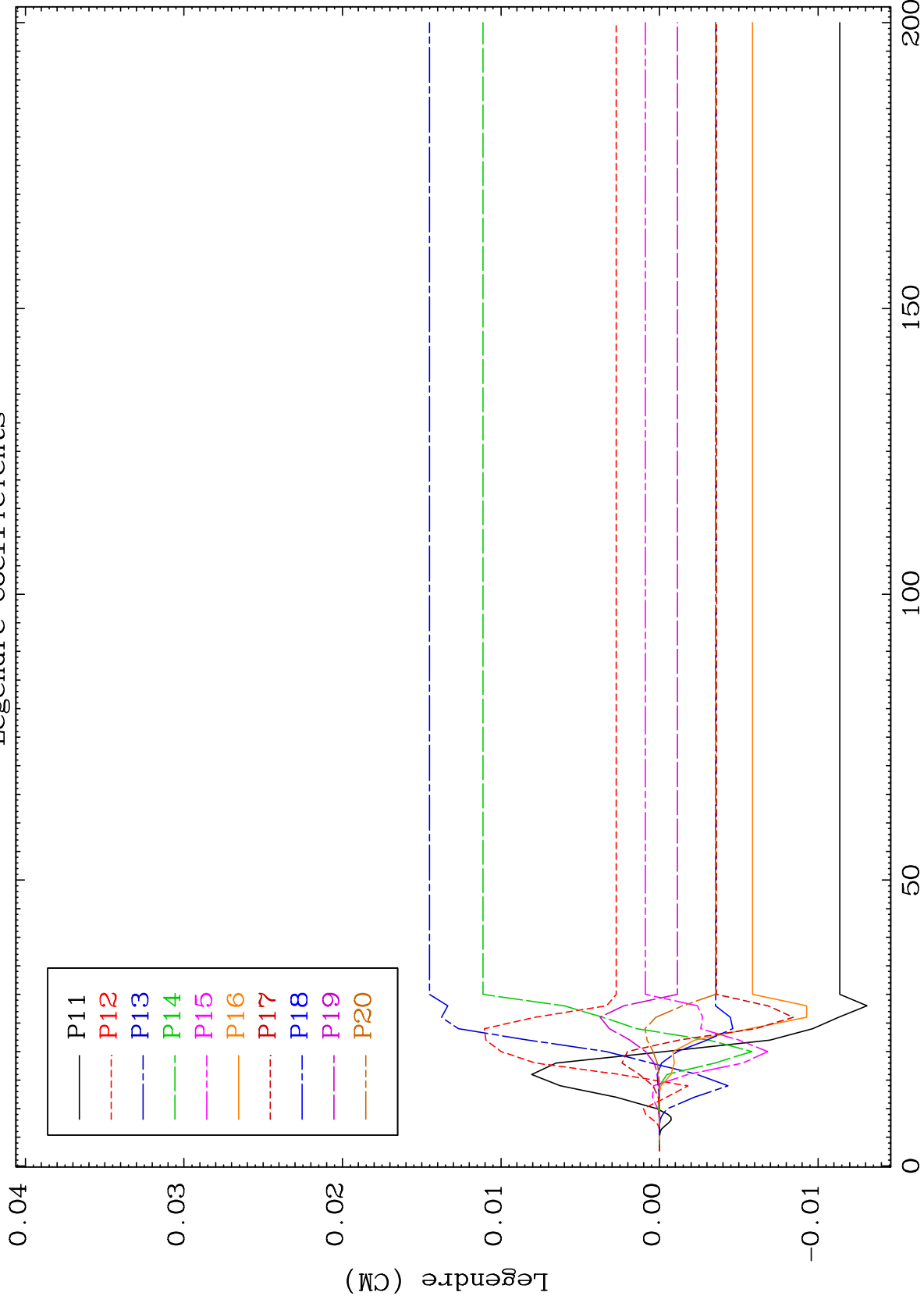
84-Po-207



MAT 8428

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

84-Po-207



101

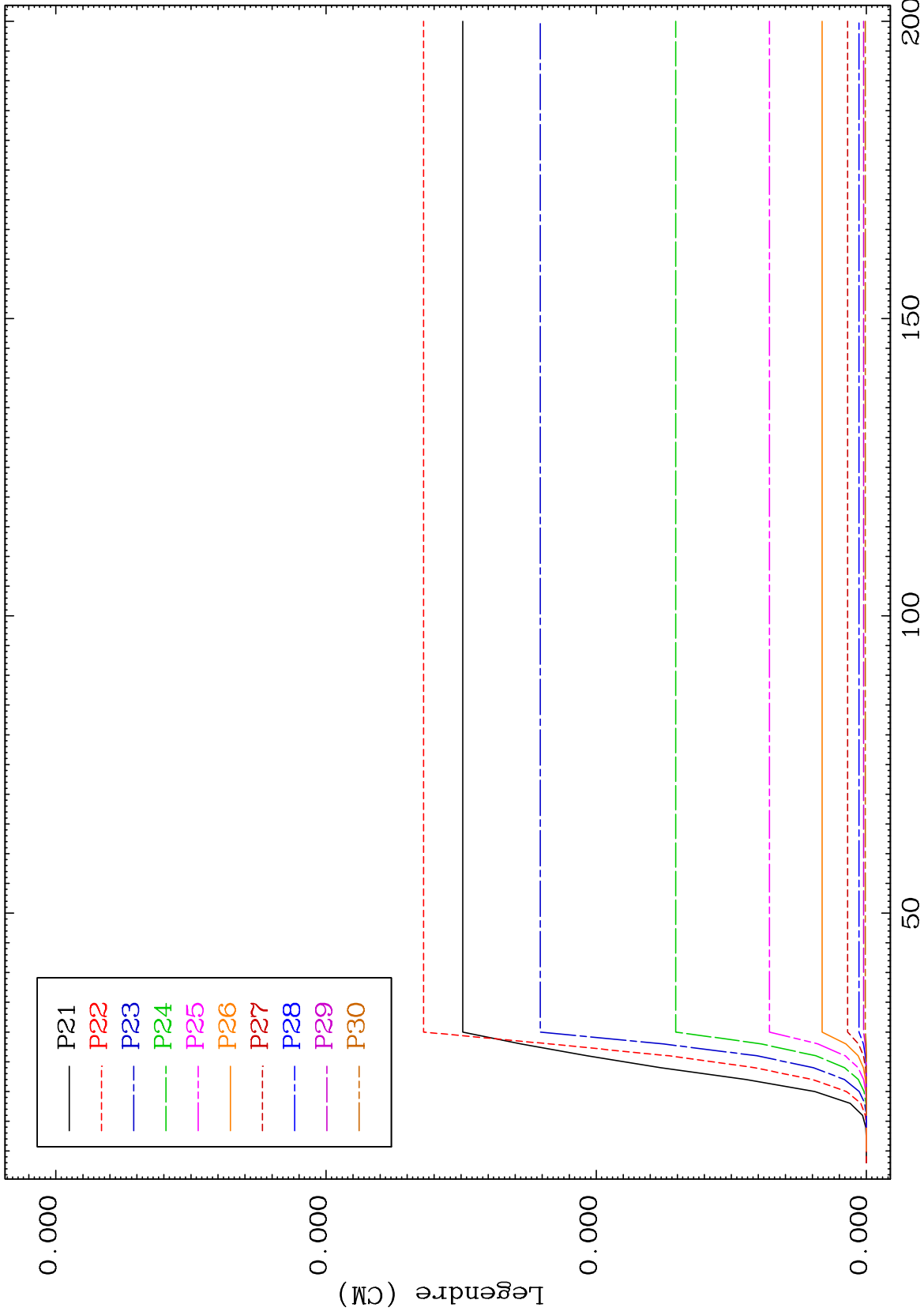
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



102

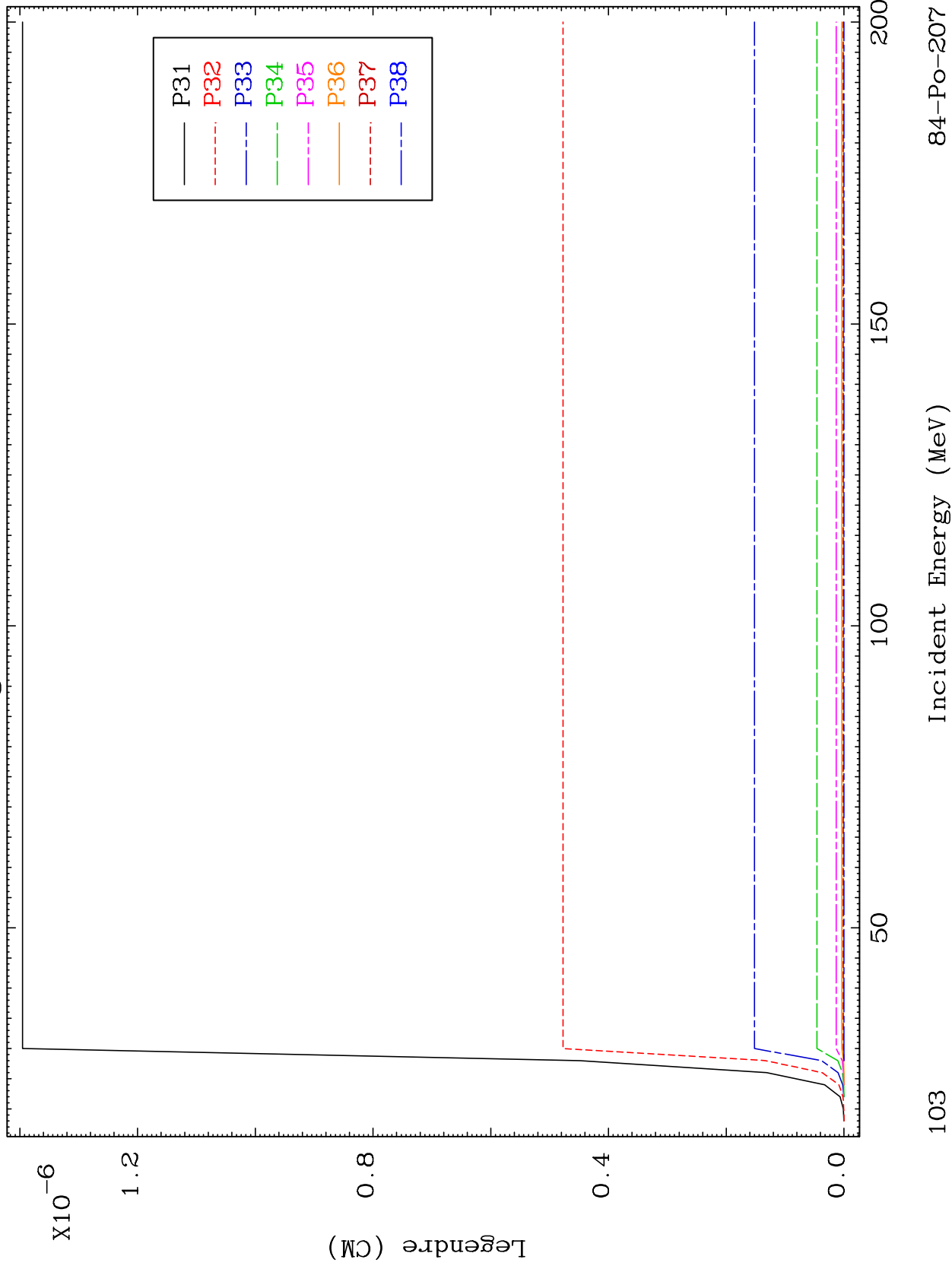
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207

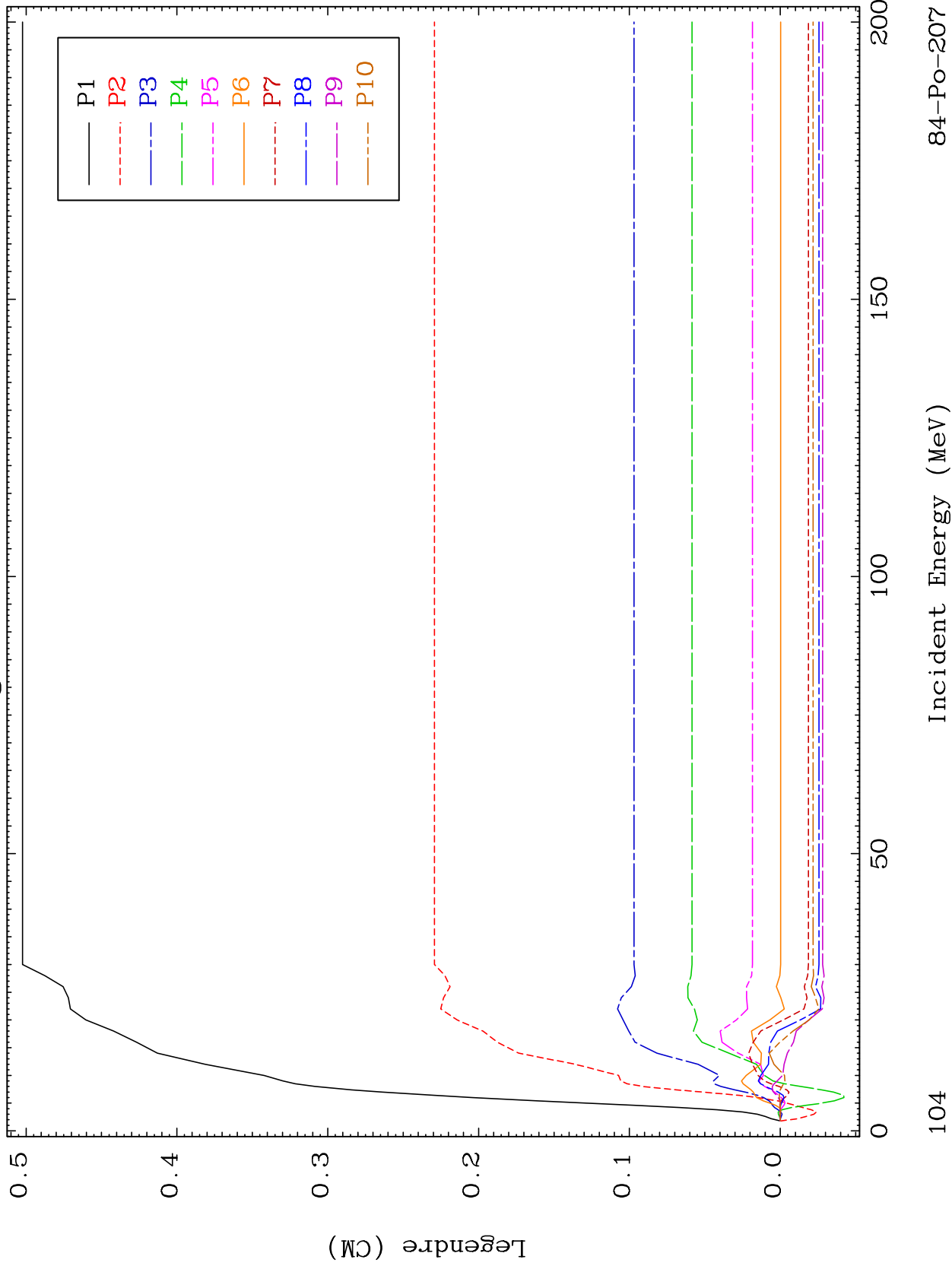


103

MAT 8428

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

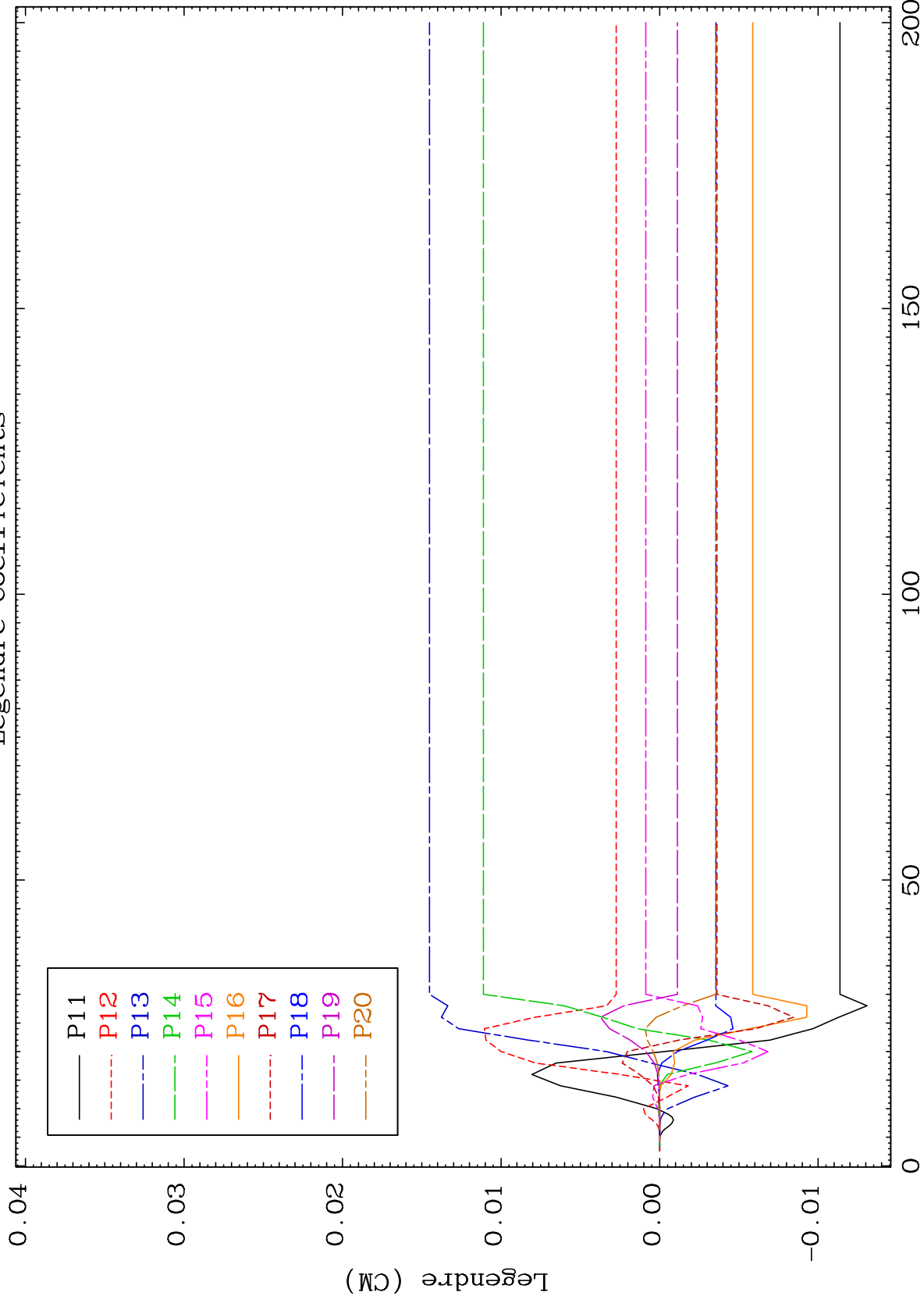
84-Po-207



MAT 8428

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

84-Po-207



105

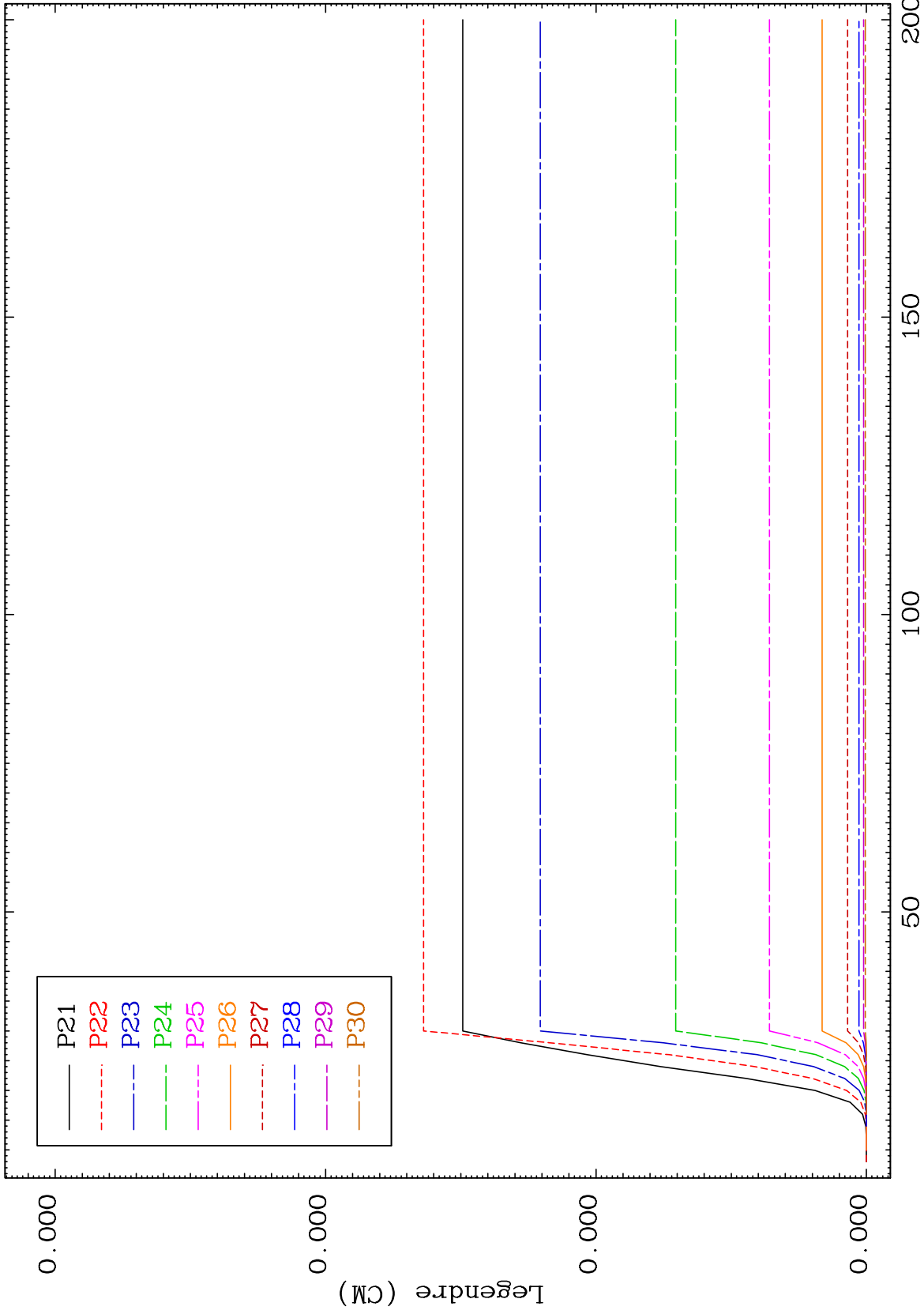
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



106

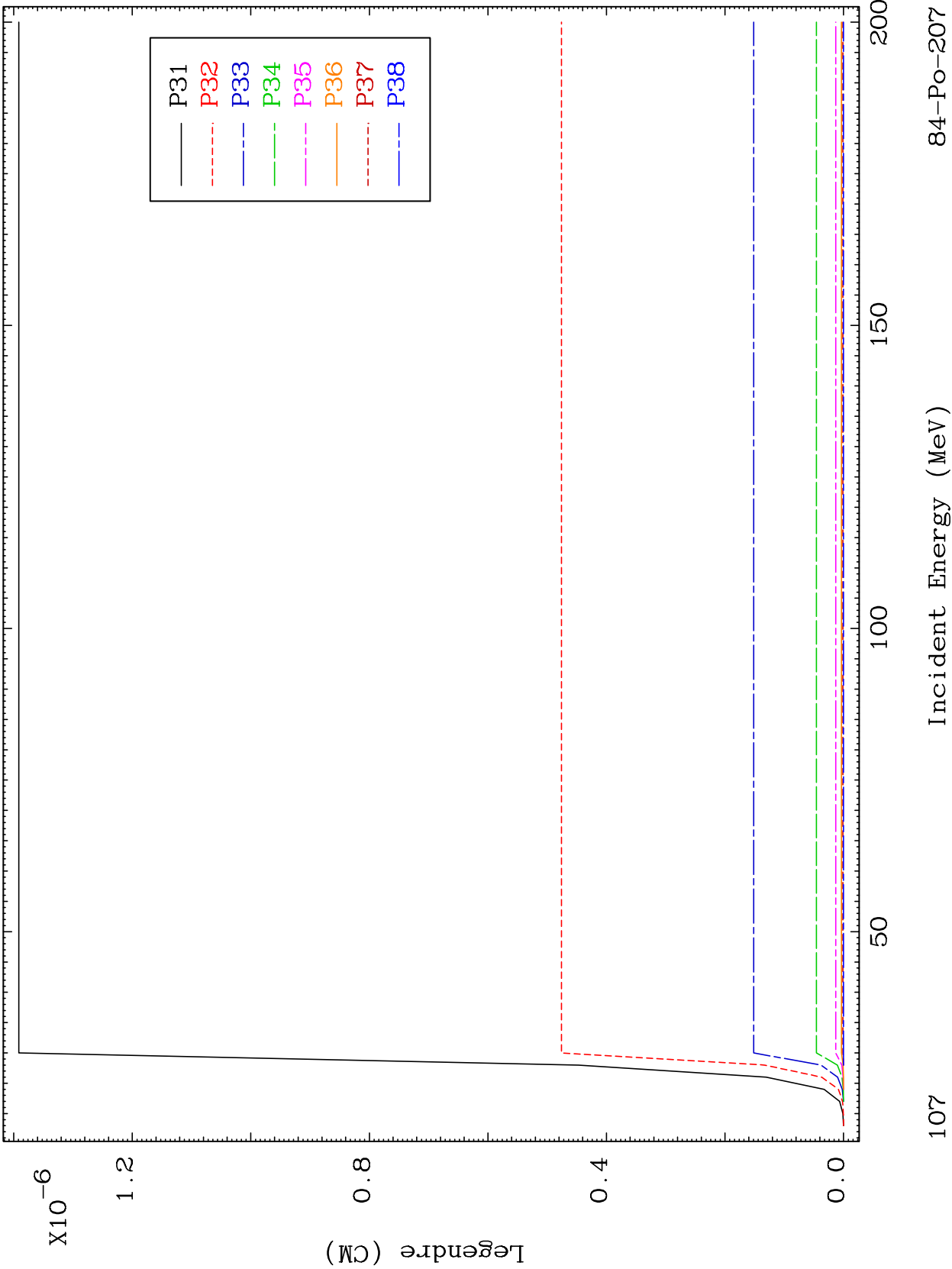
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207

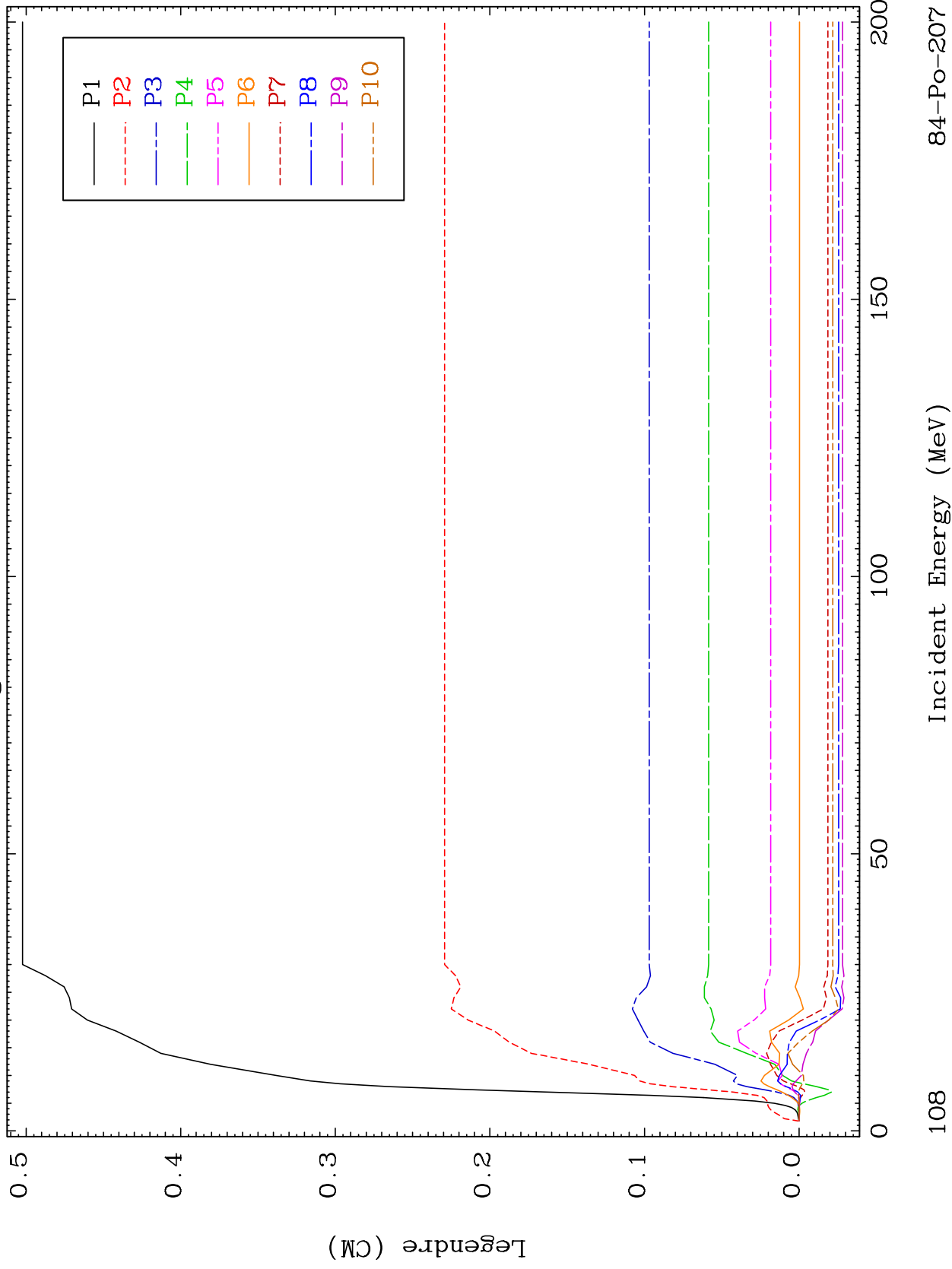


107

MAT 8428

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

84-Po-207



108

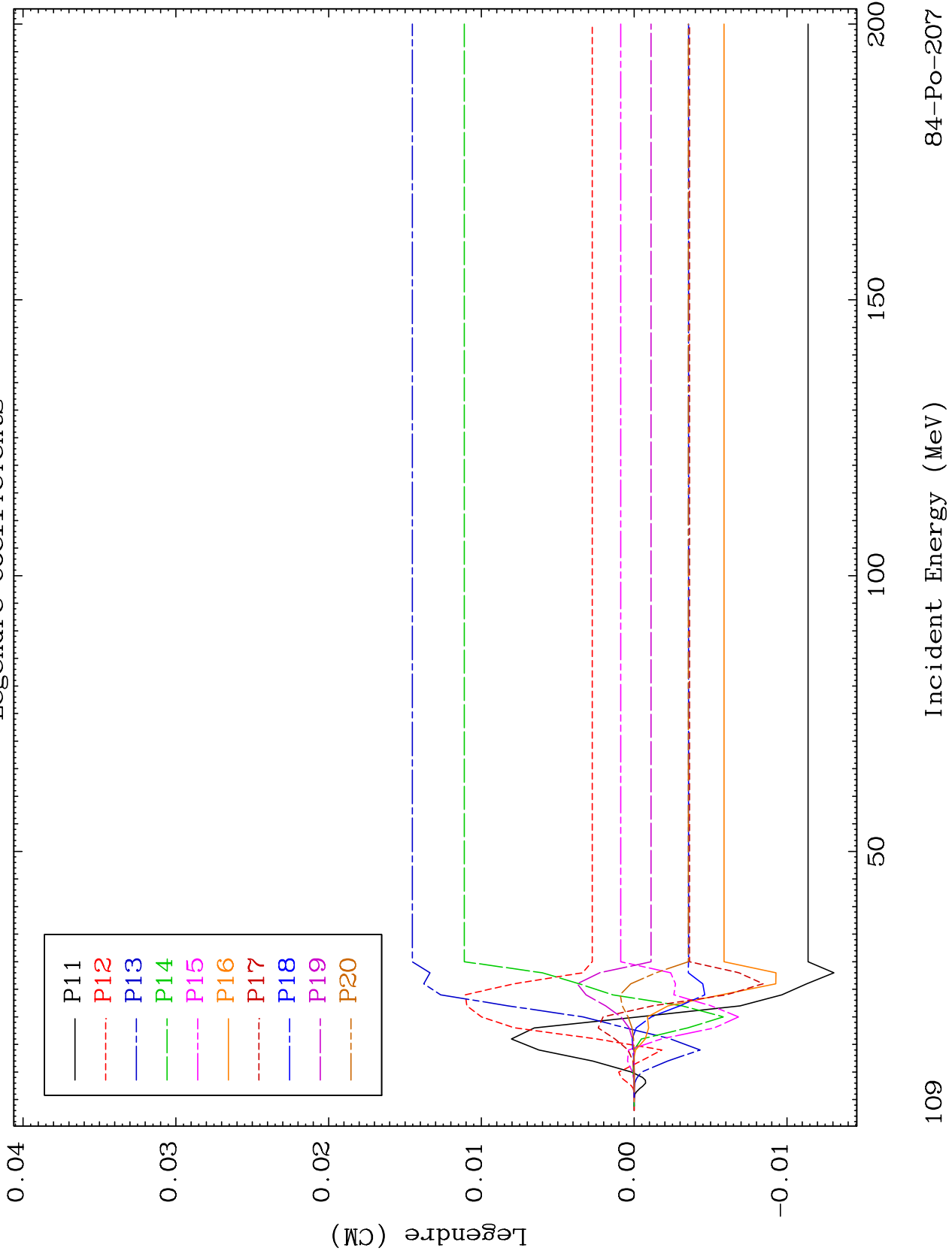
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



109

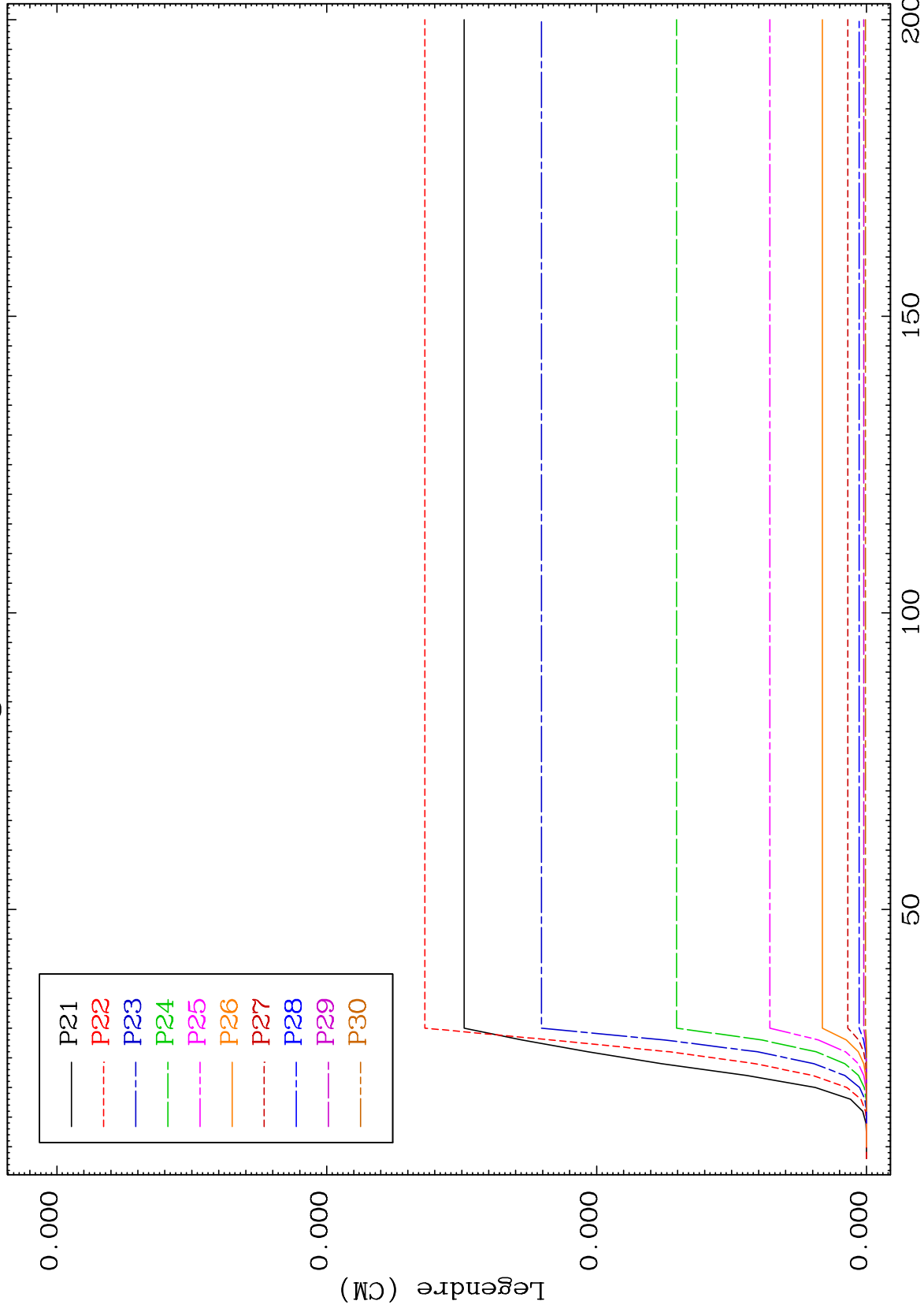
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



110

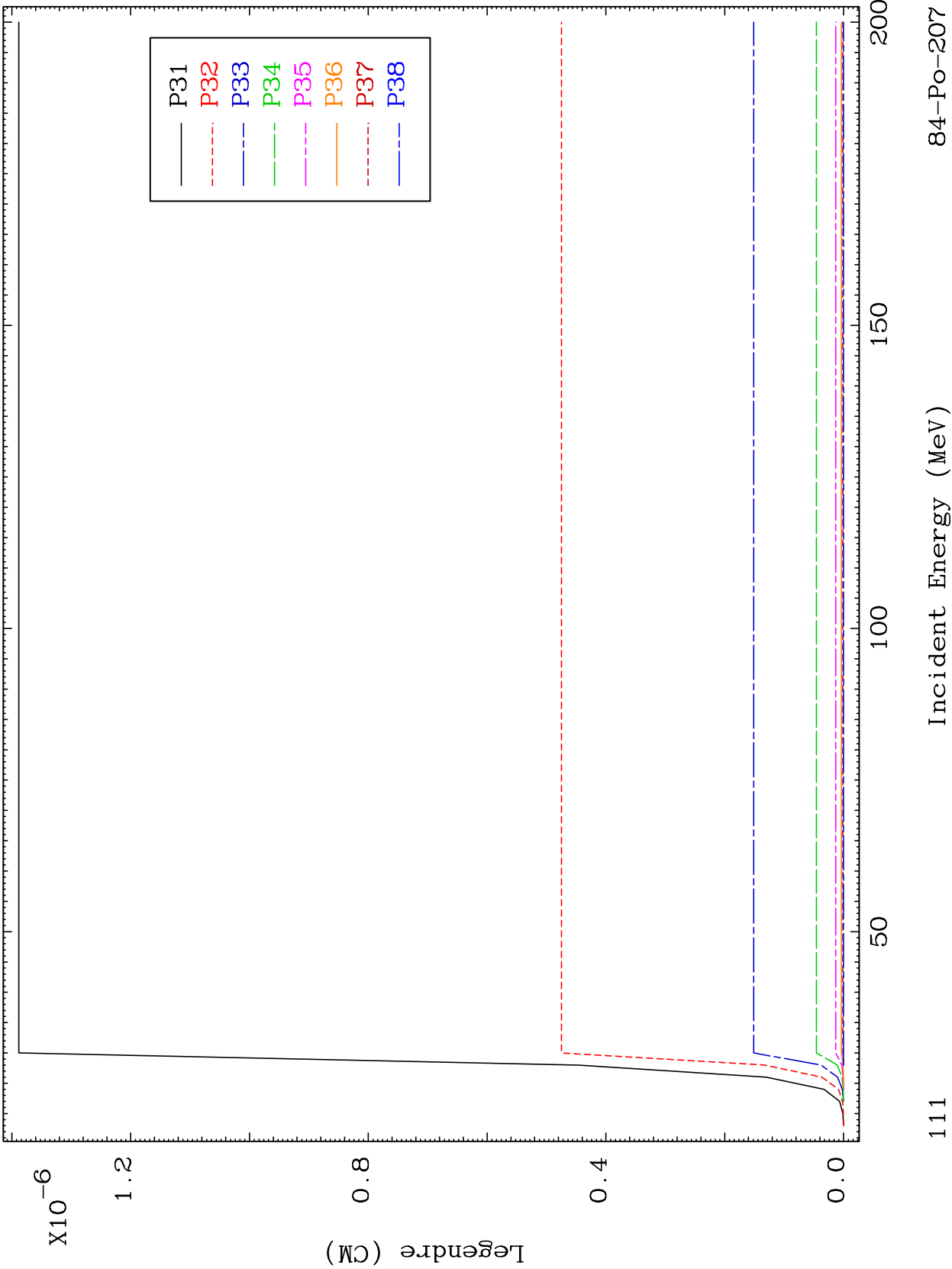
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



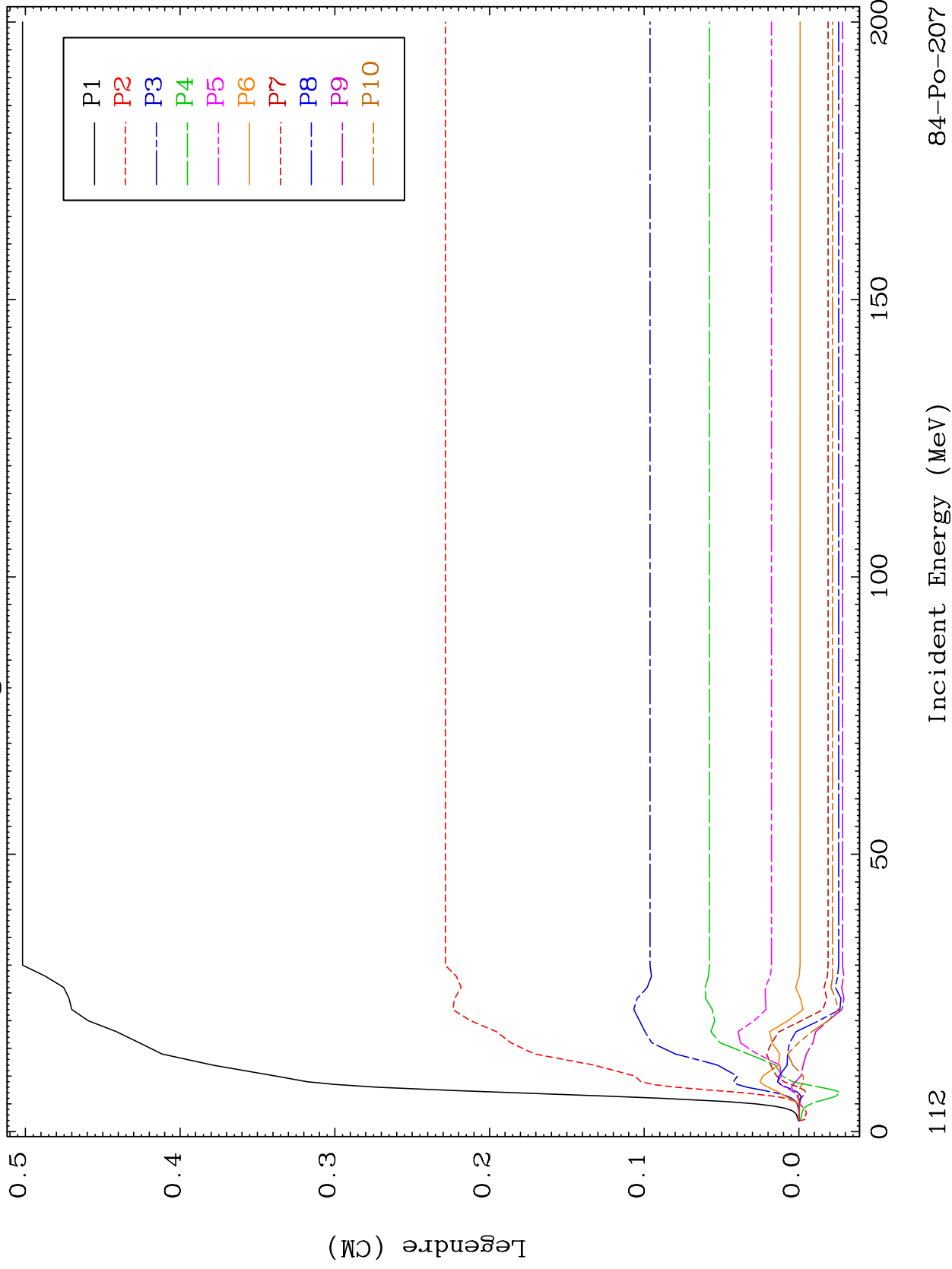
111

84-Po-207

MAT 8428

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

84-Po-207



112

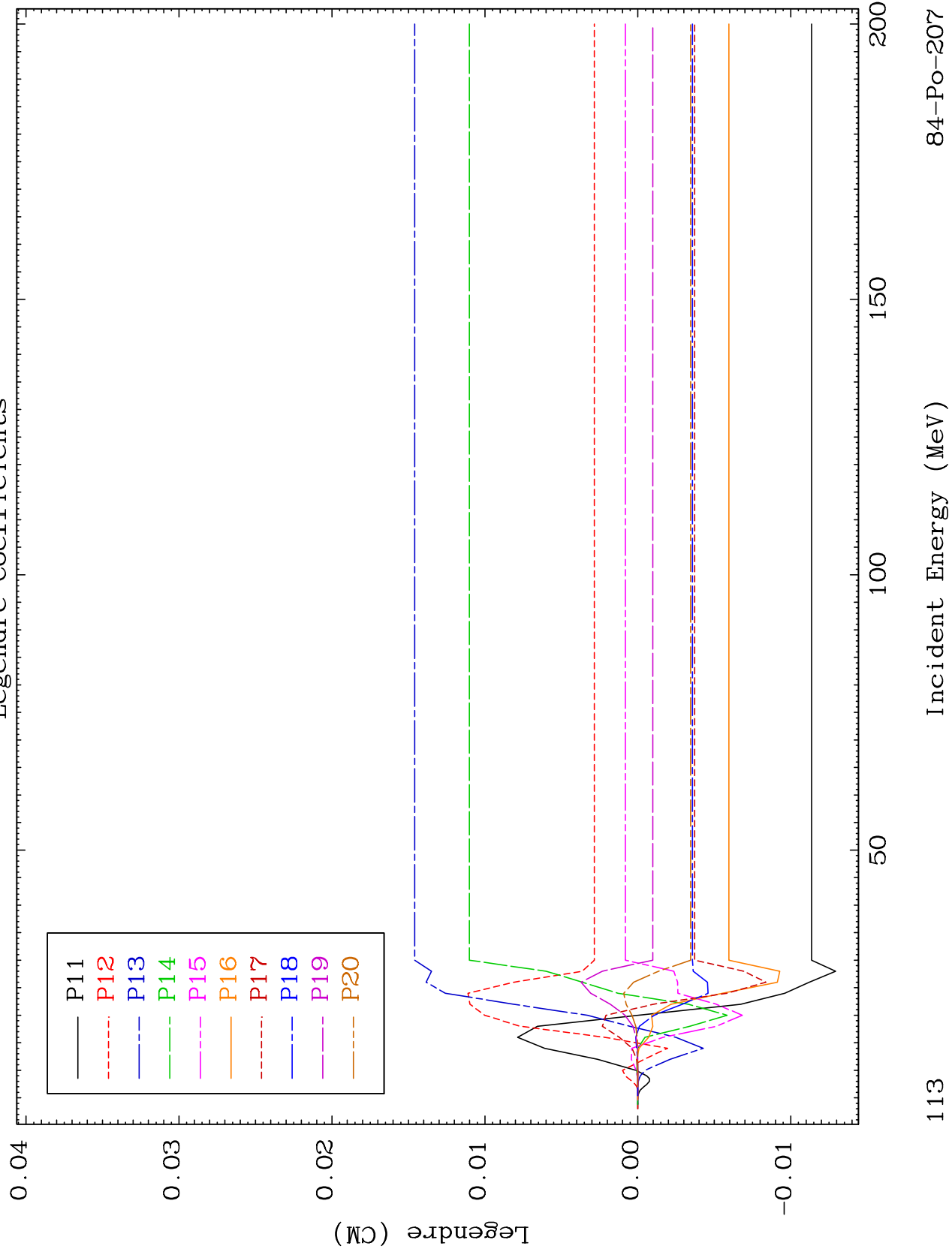
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



113

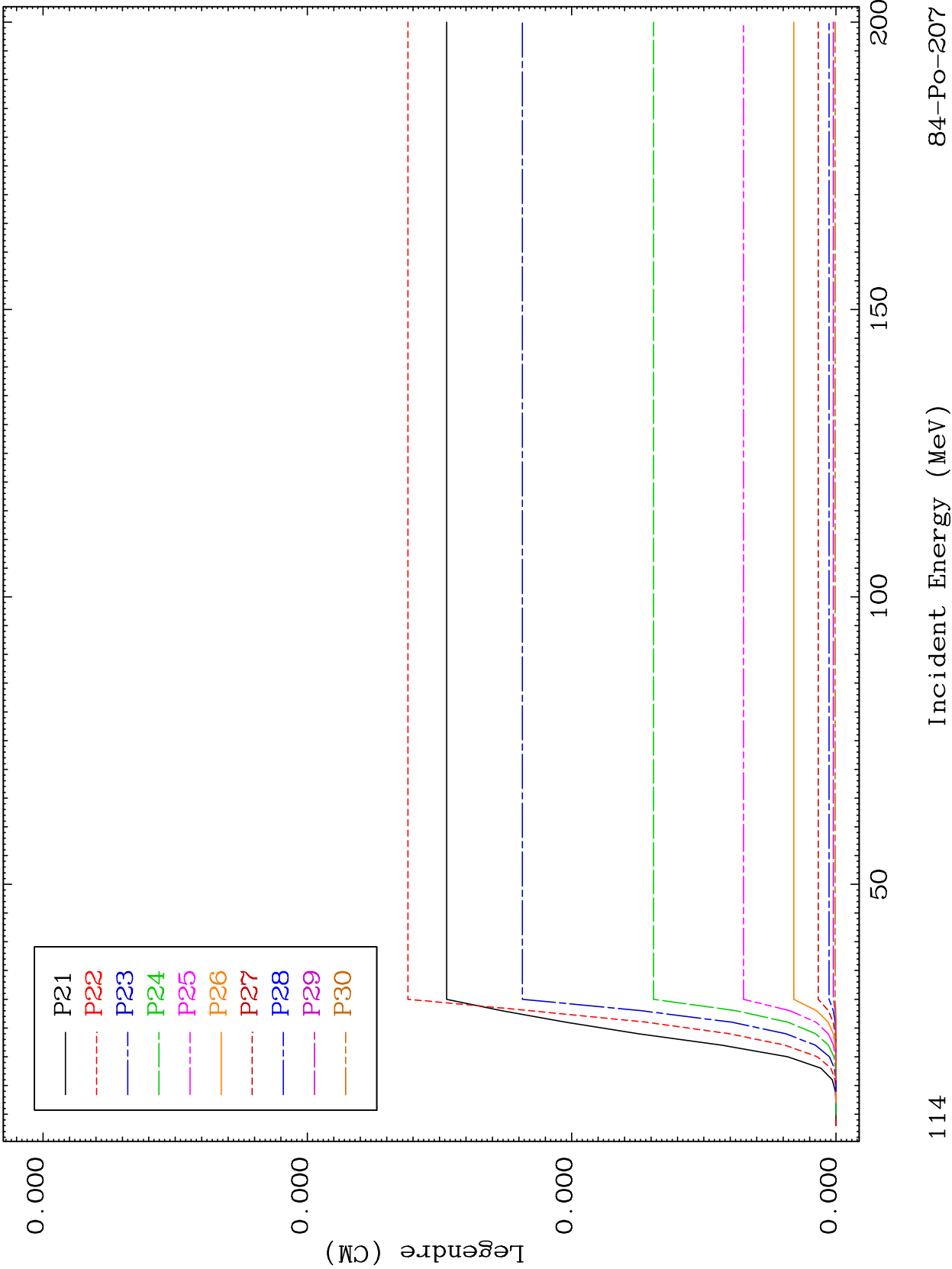
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



114

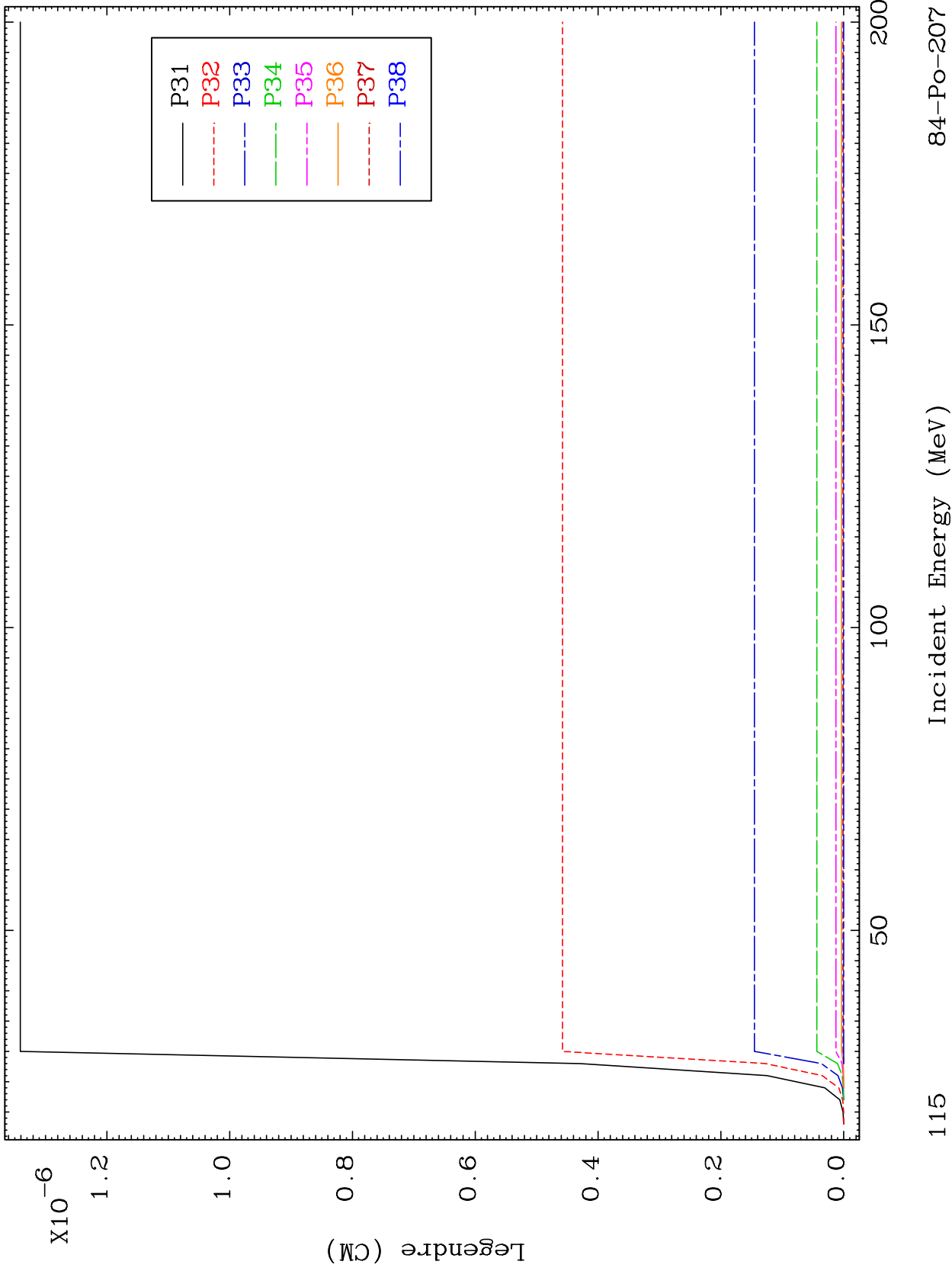
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



115

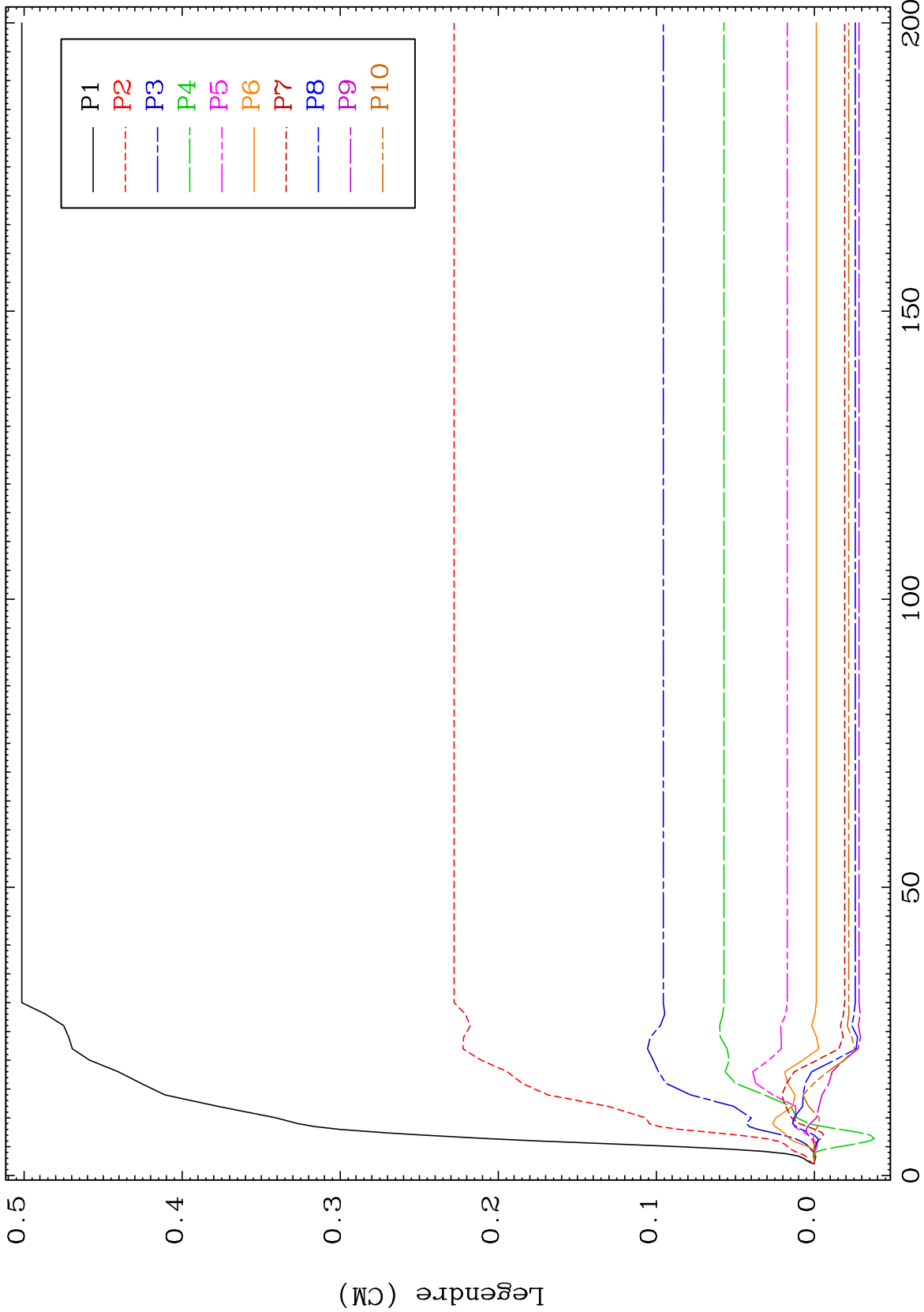
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



116

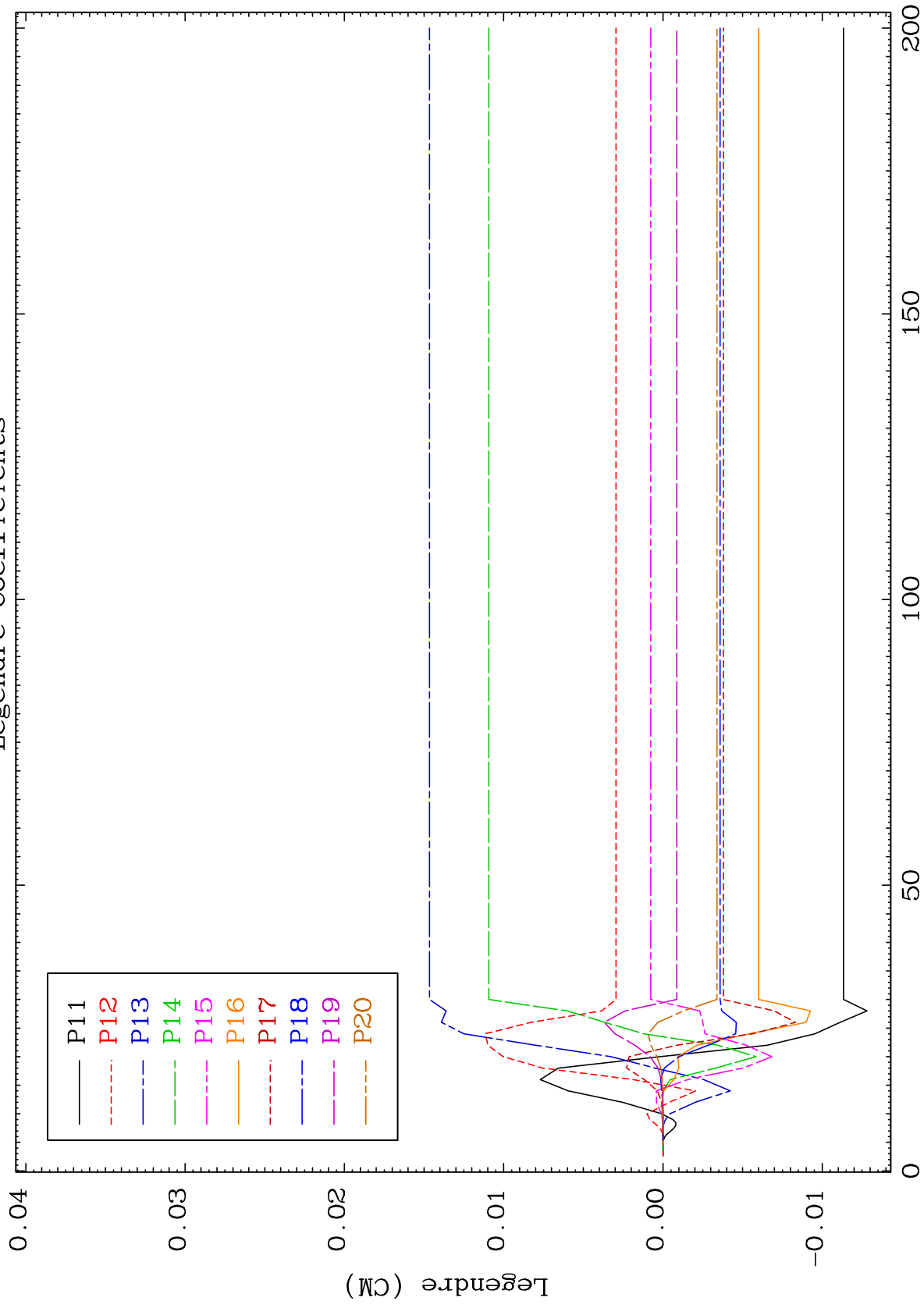
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



117

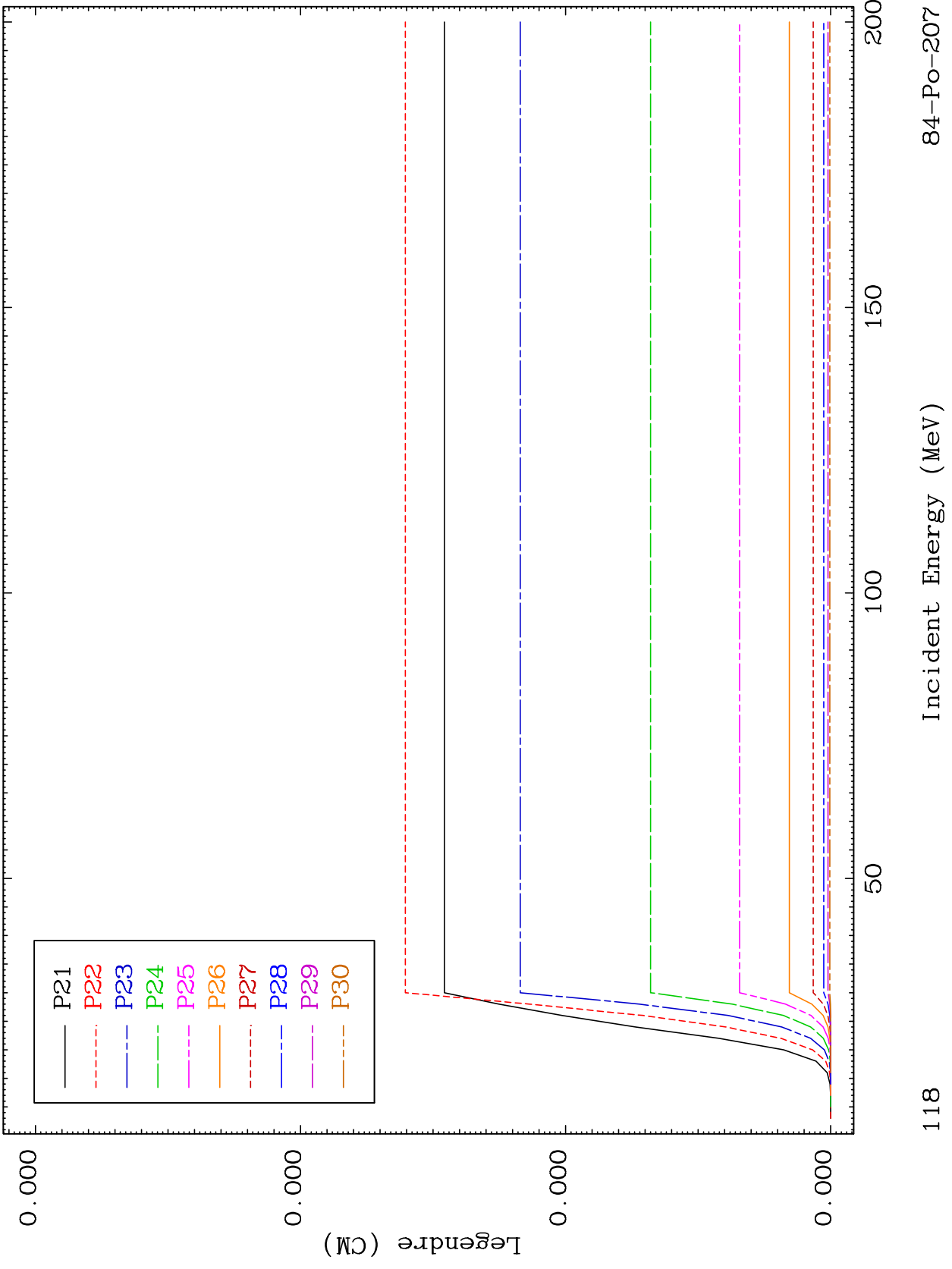
Incident Energy (MeV)

84-Po-207

MAT 8428

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

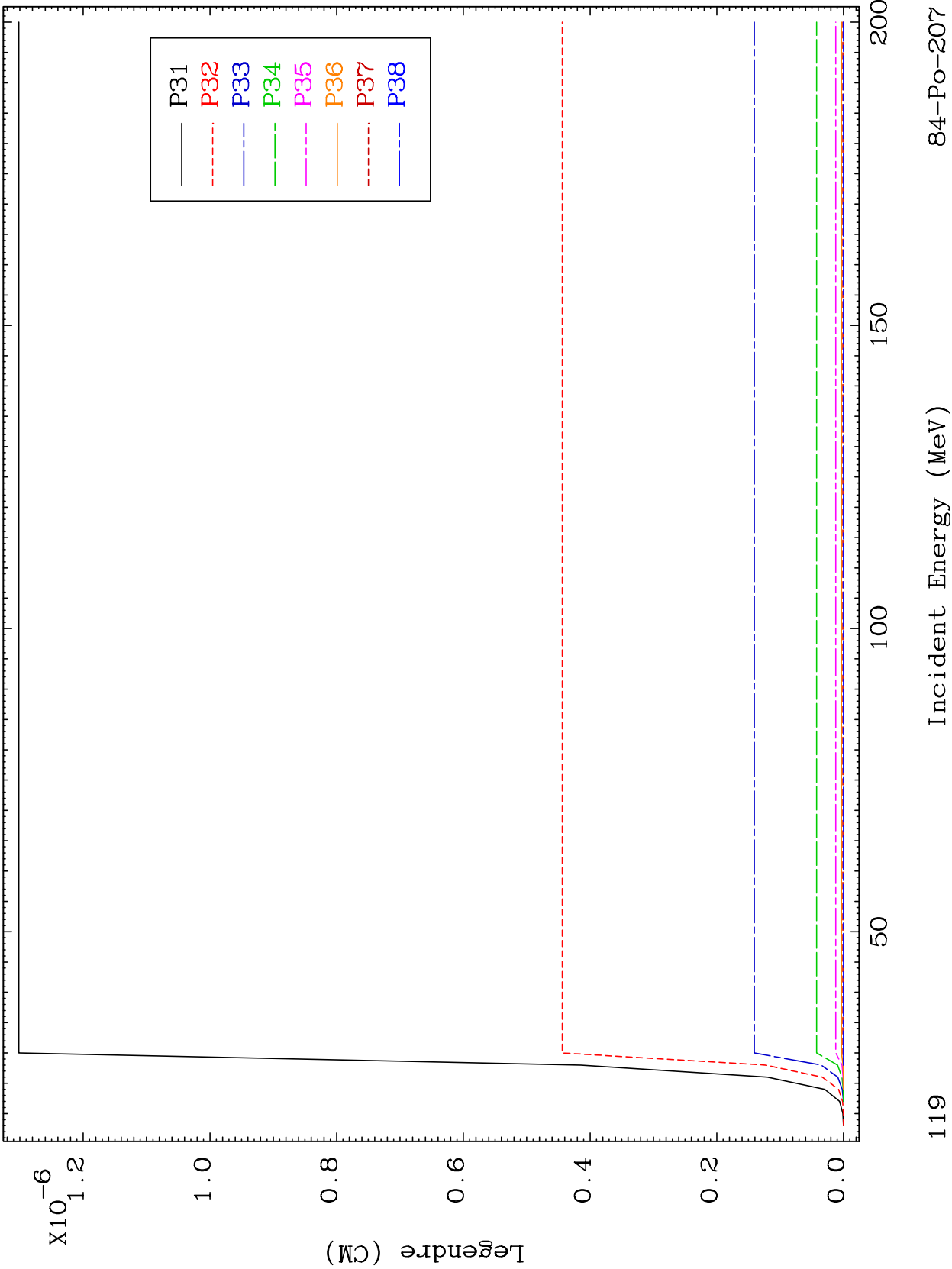
84-Po-207



MAT 8428

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

84-Po-207



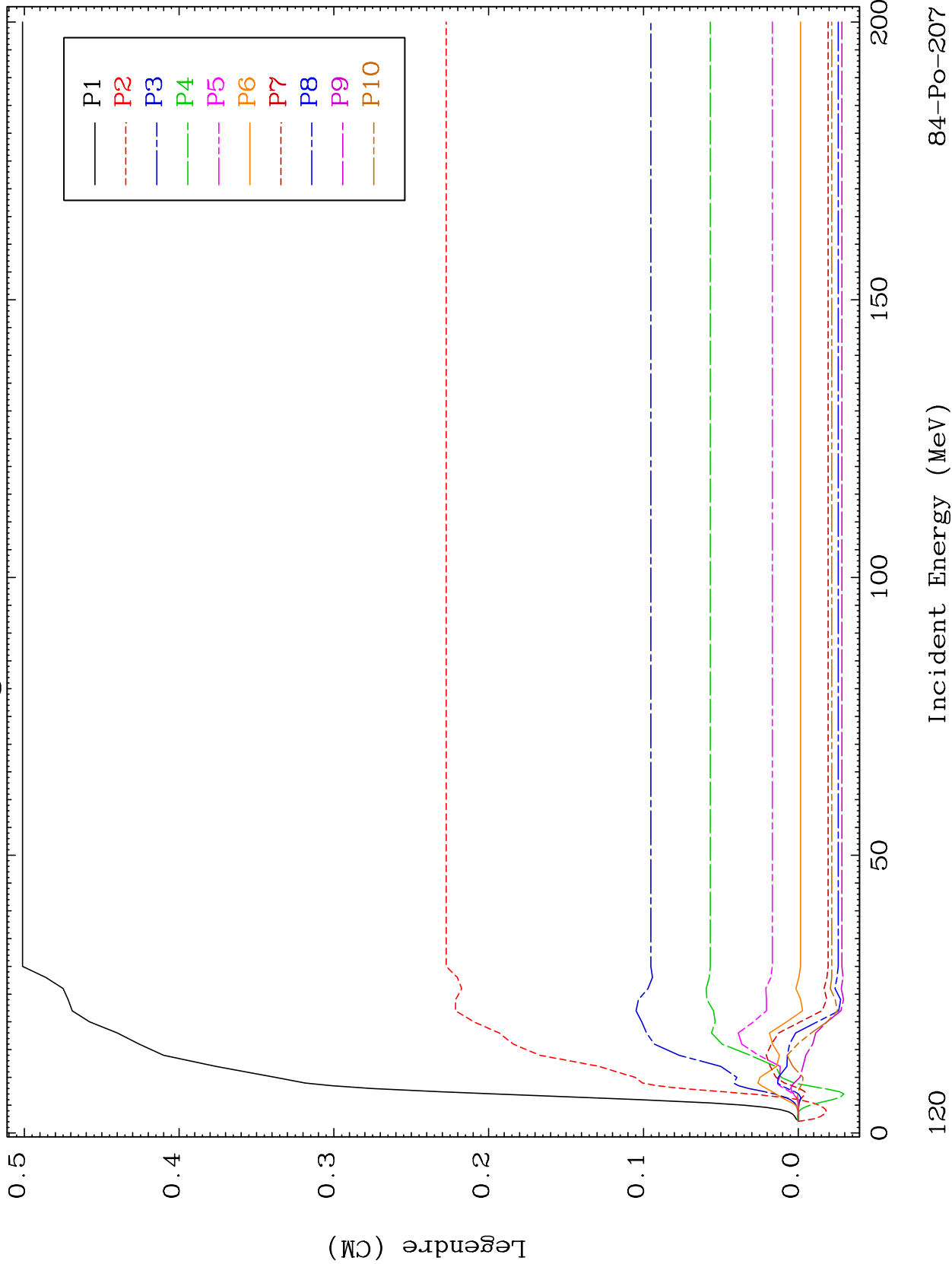
119

MAT 8428

MT= 76 (n,n') Level

84-Po-207

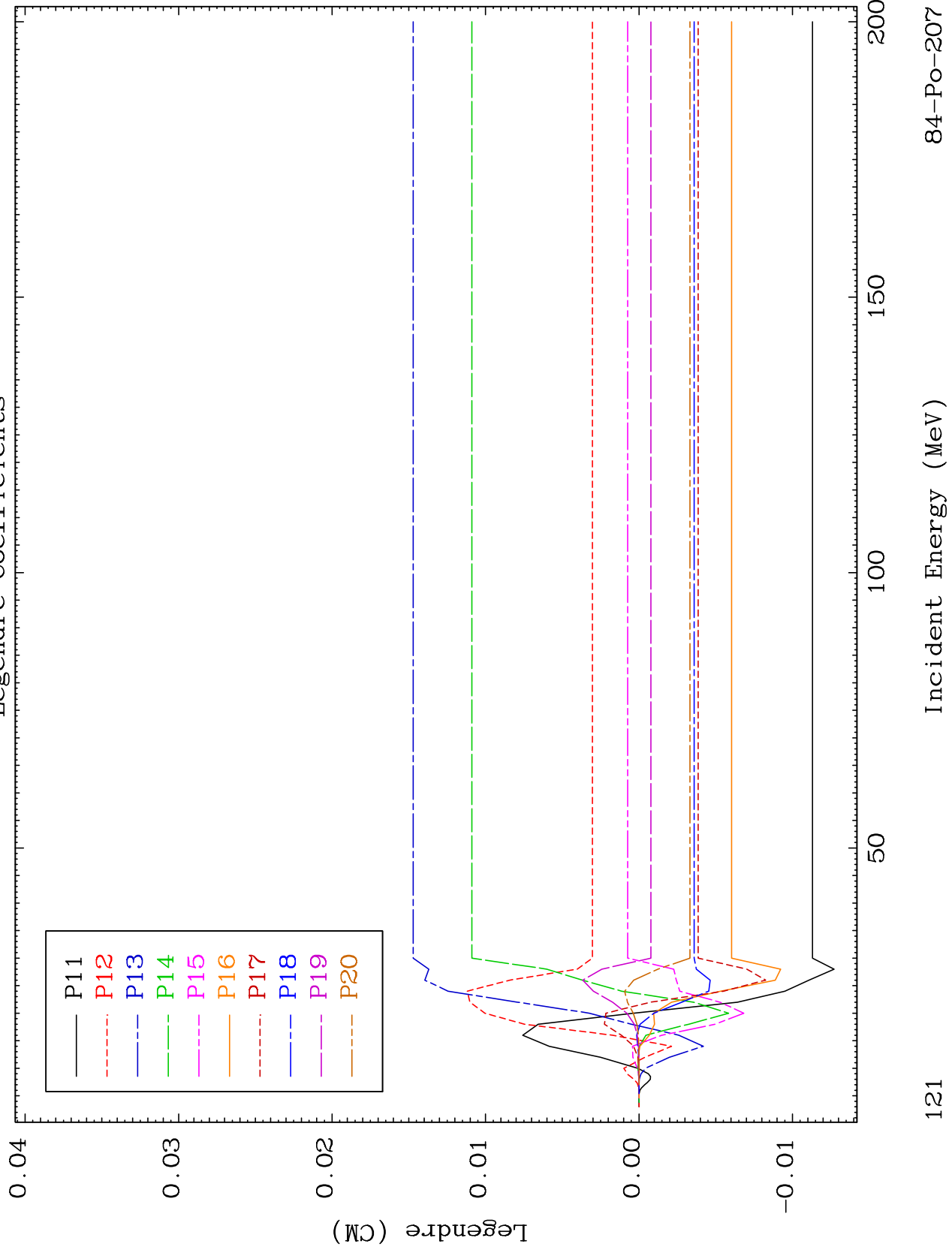
Legendre Coefficients



MAT 8428

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

84-Po-207



121

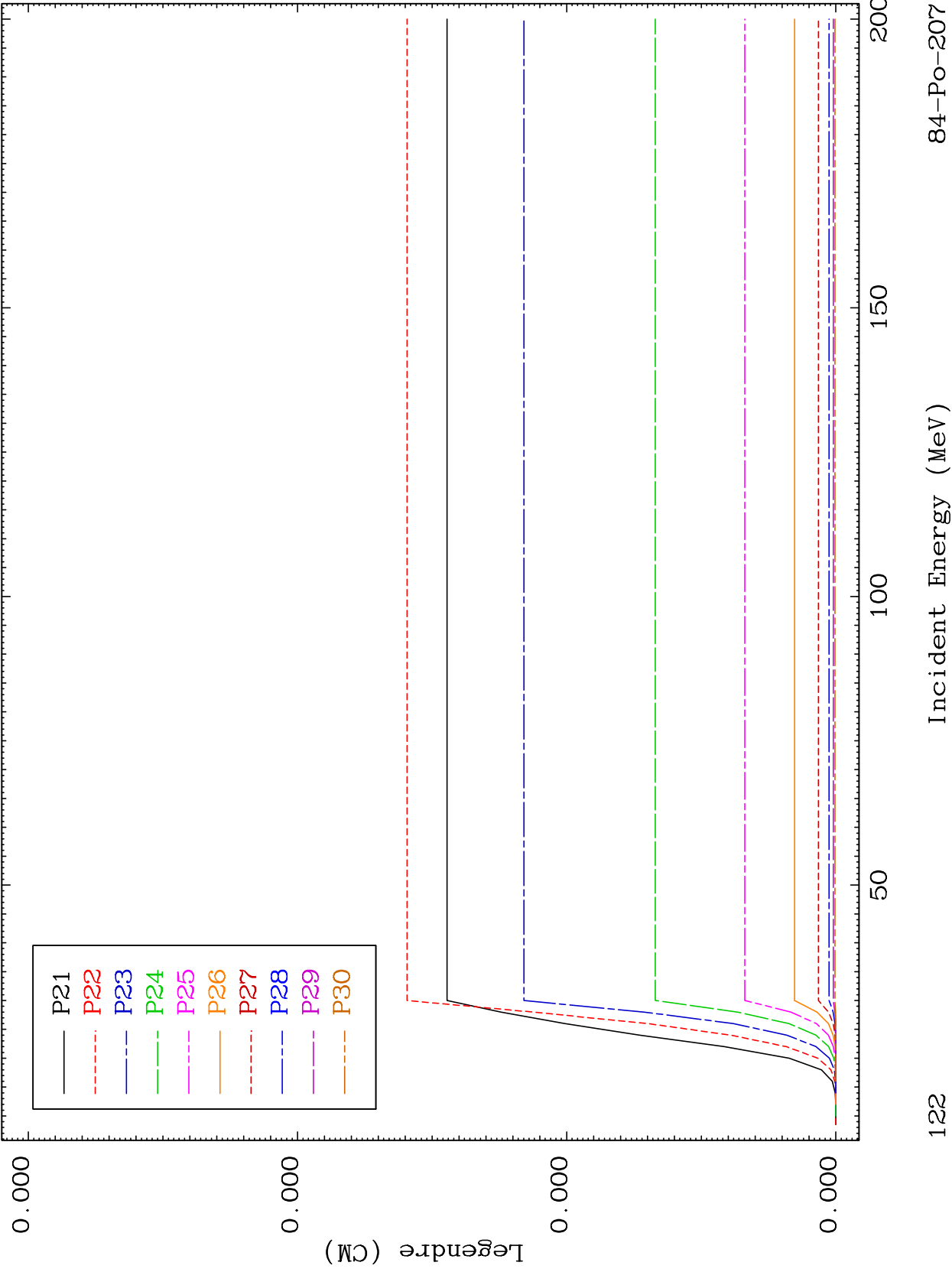
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207

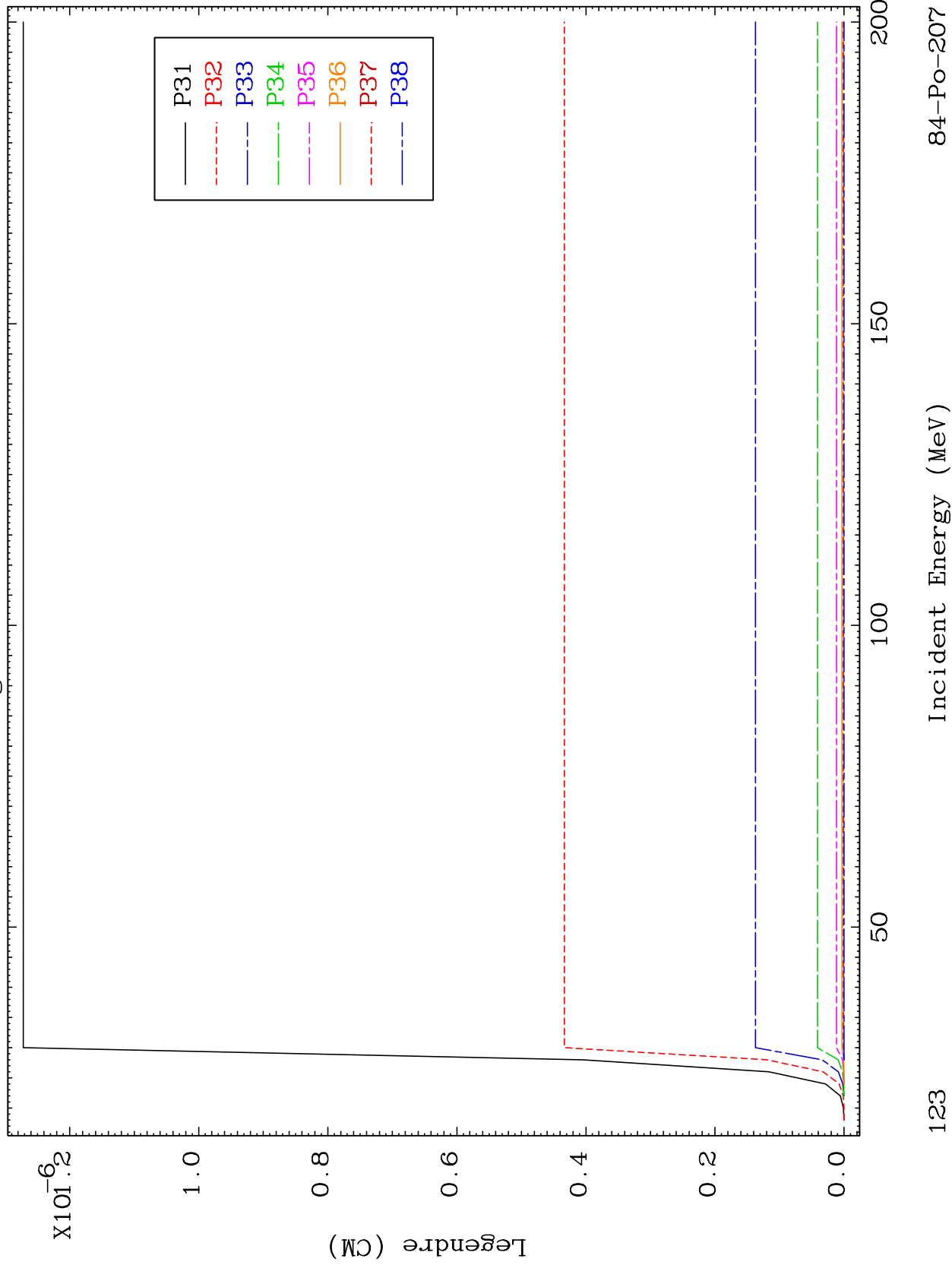


122

MAT 8428

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

84-Po-207

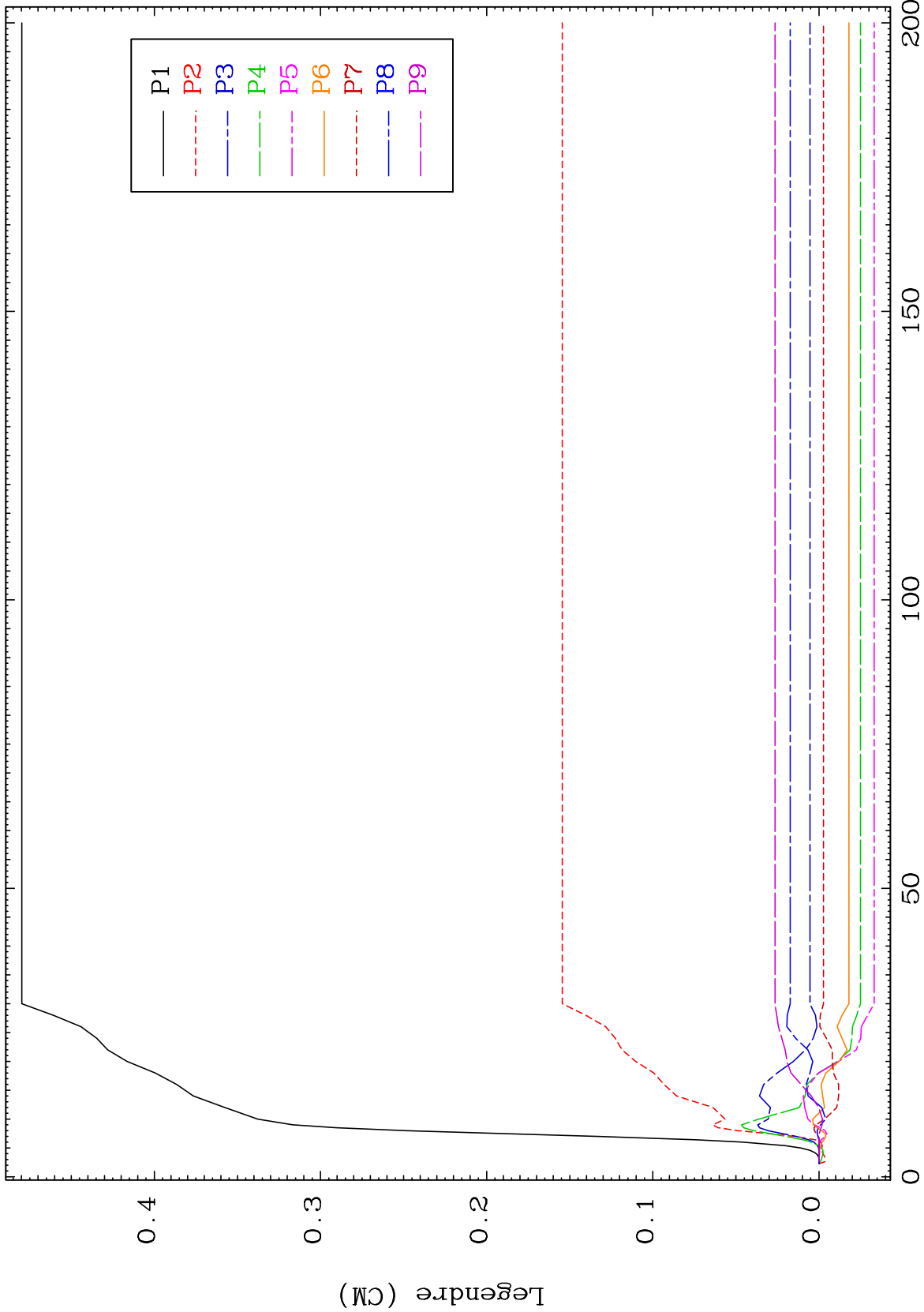


123

MAT 8428

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

84-Po-207



124

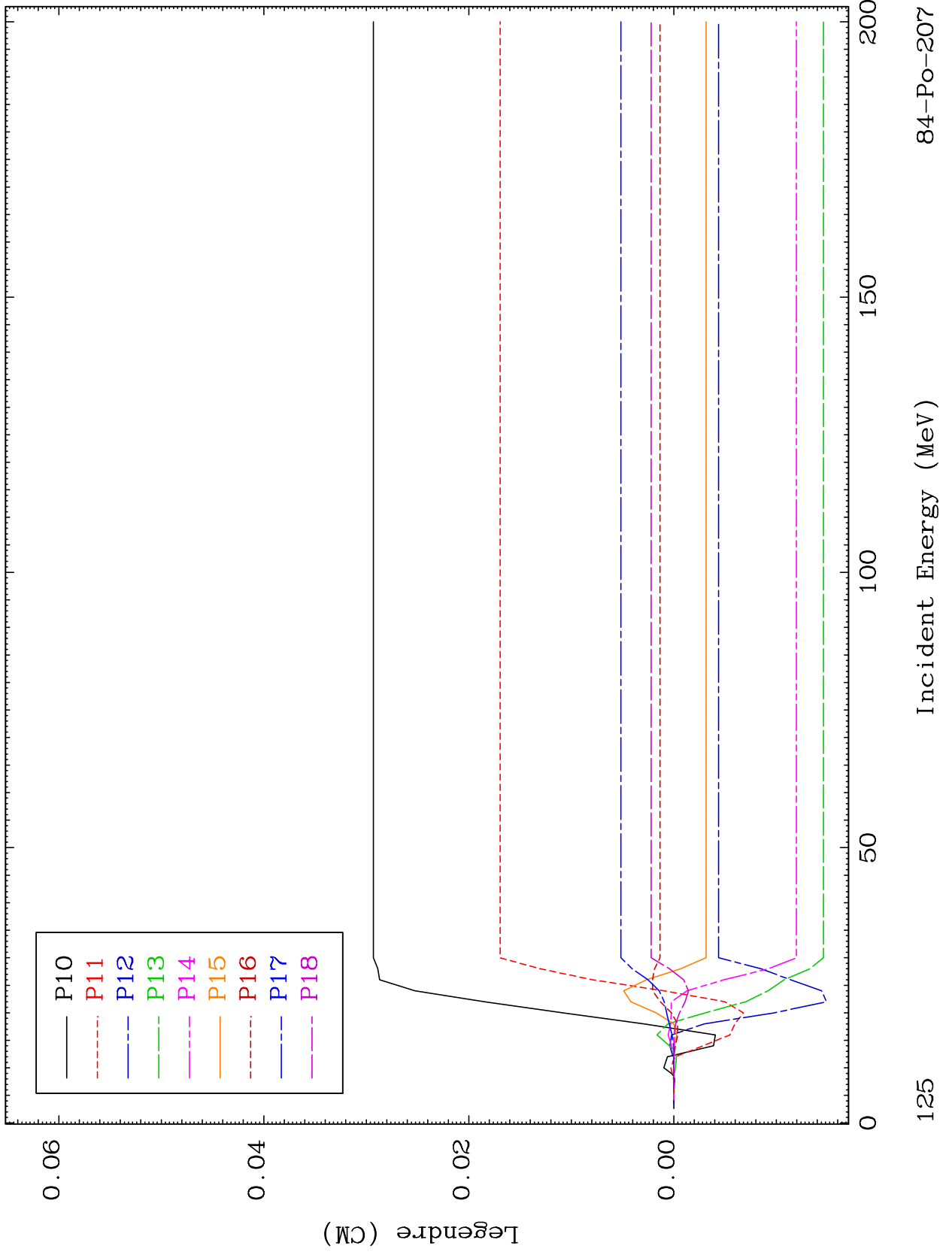
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



84-Po-207

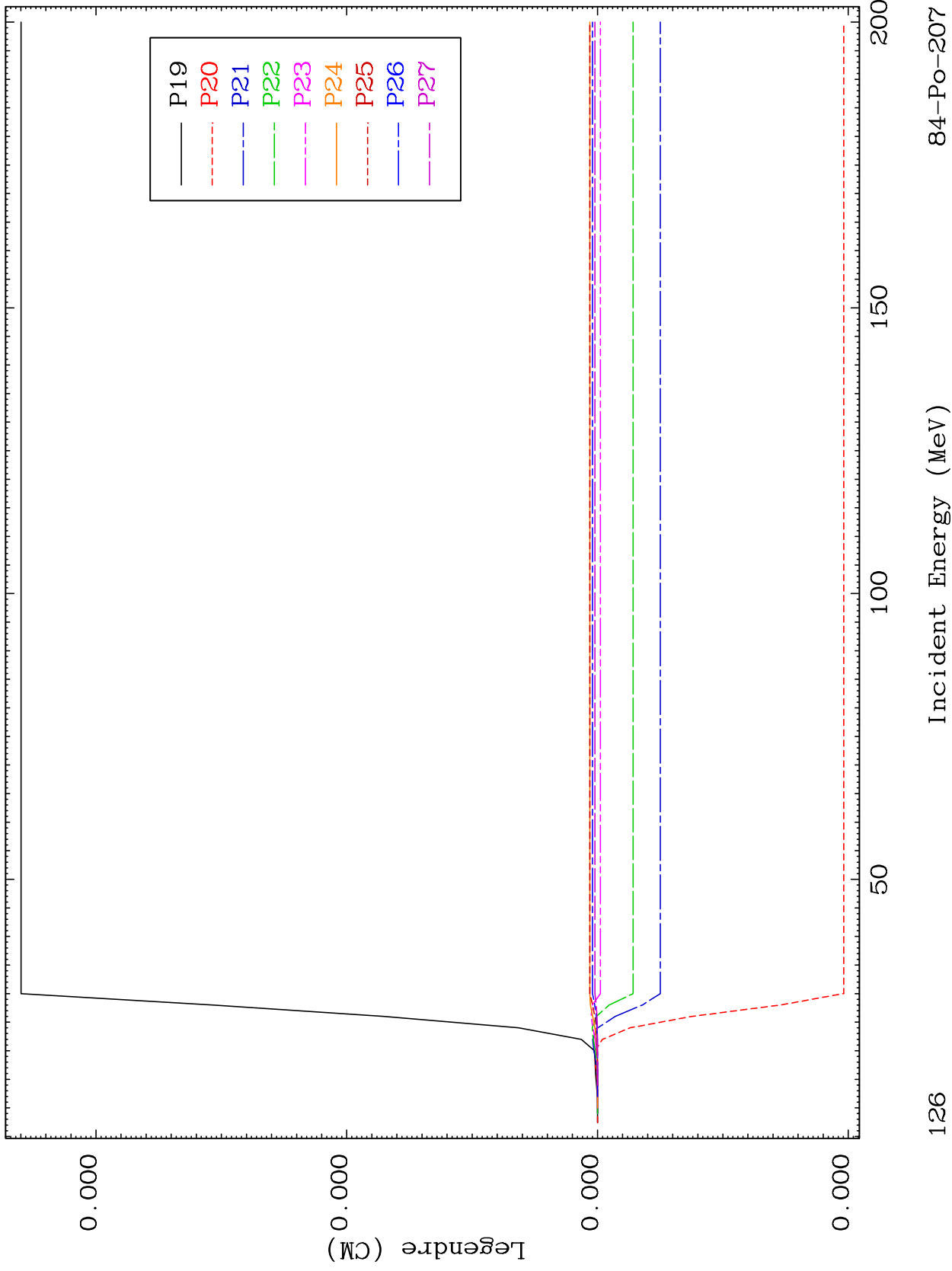
Incident Energy (MeV)

125

MAT 8428

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

84-Po-207



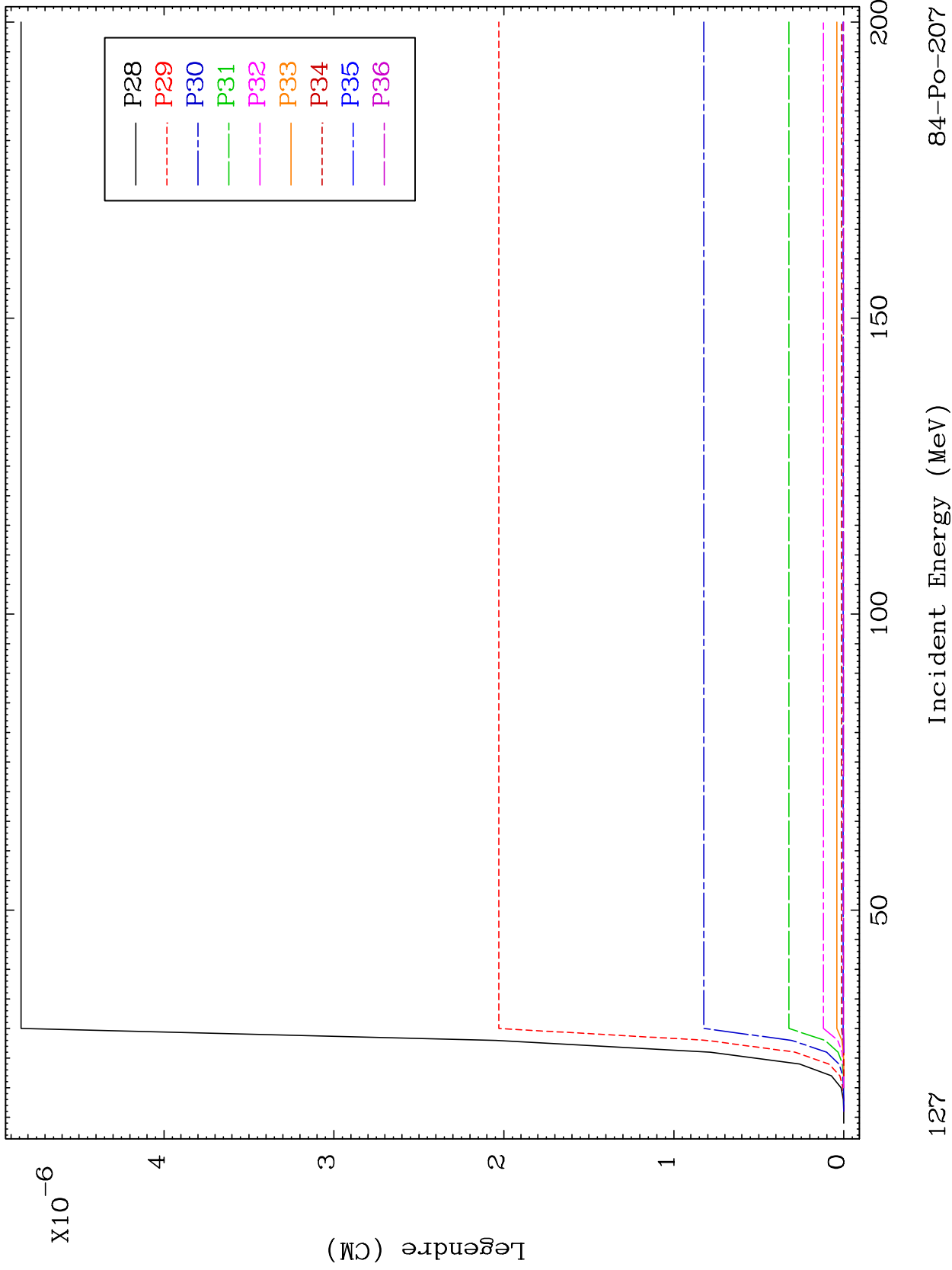
126

84-Po-207

MAT 8428

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

84-Po-207



127

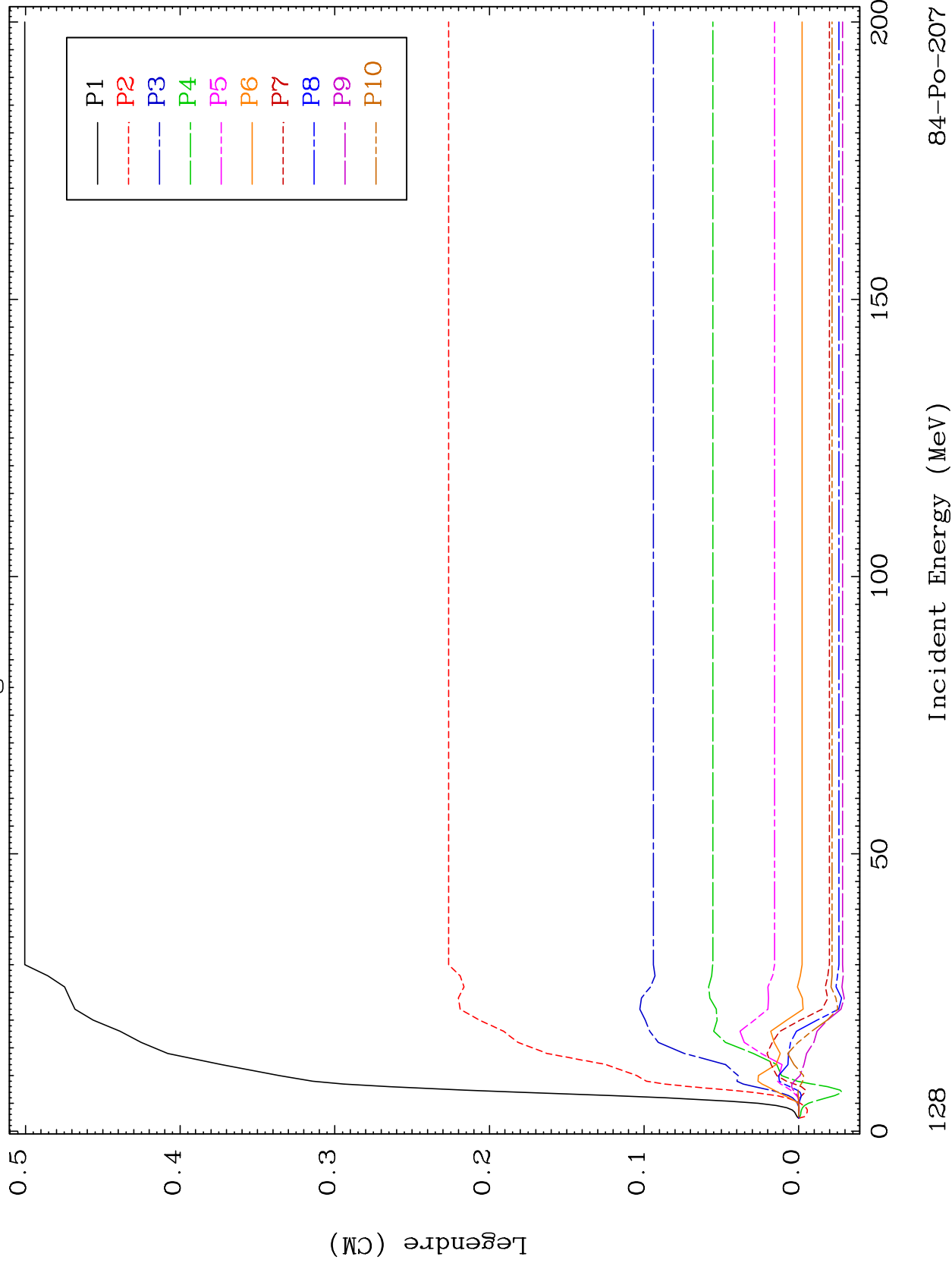
Incident Energy (MeV)

84-Po-207

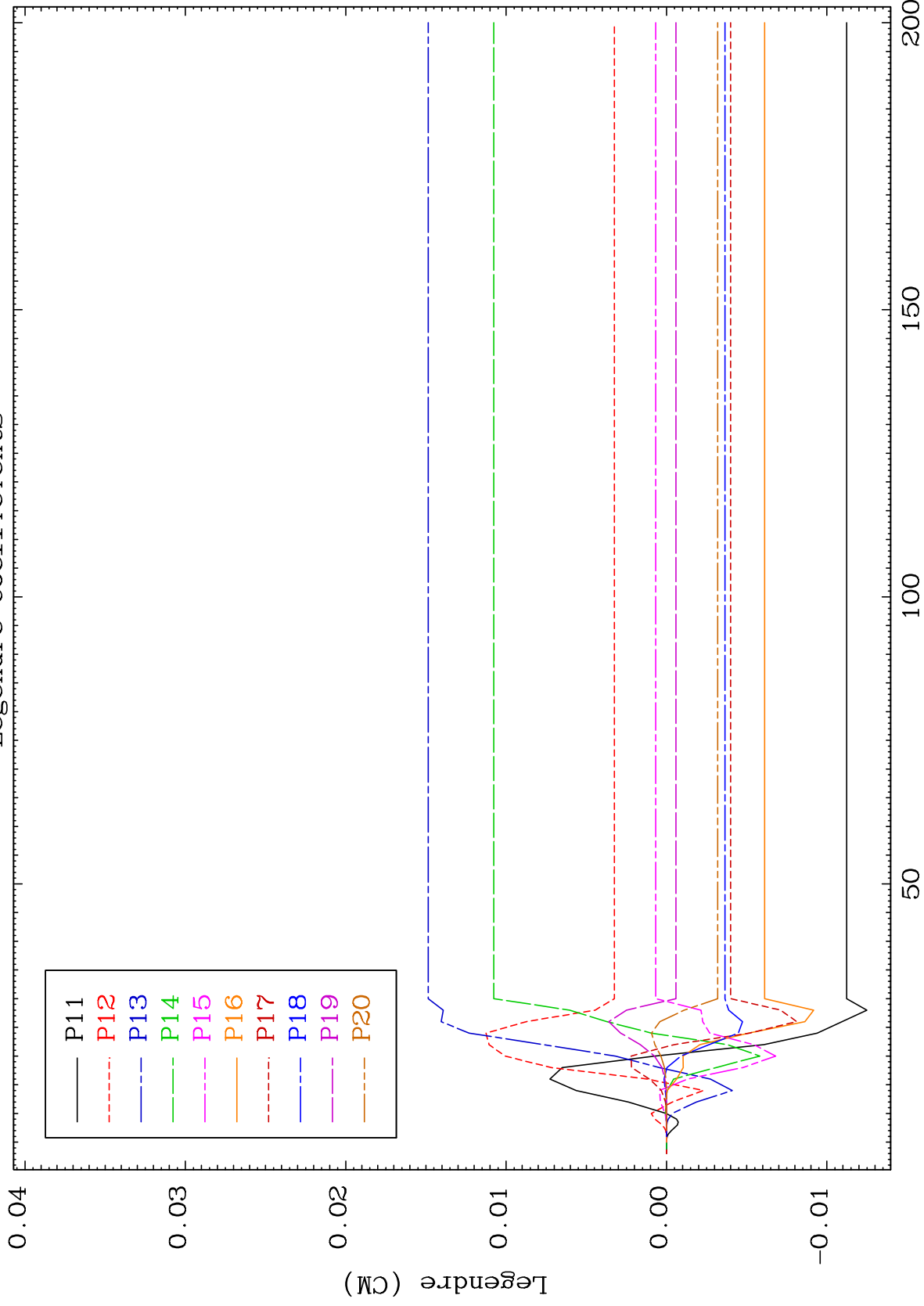
MAT 8428

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

84-Po-207



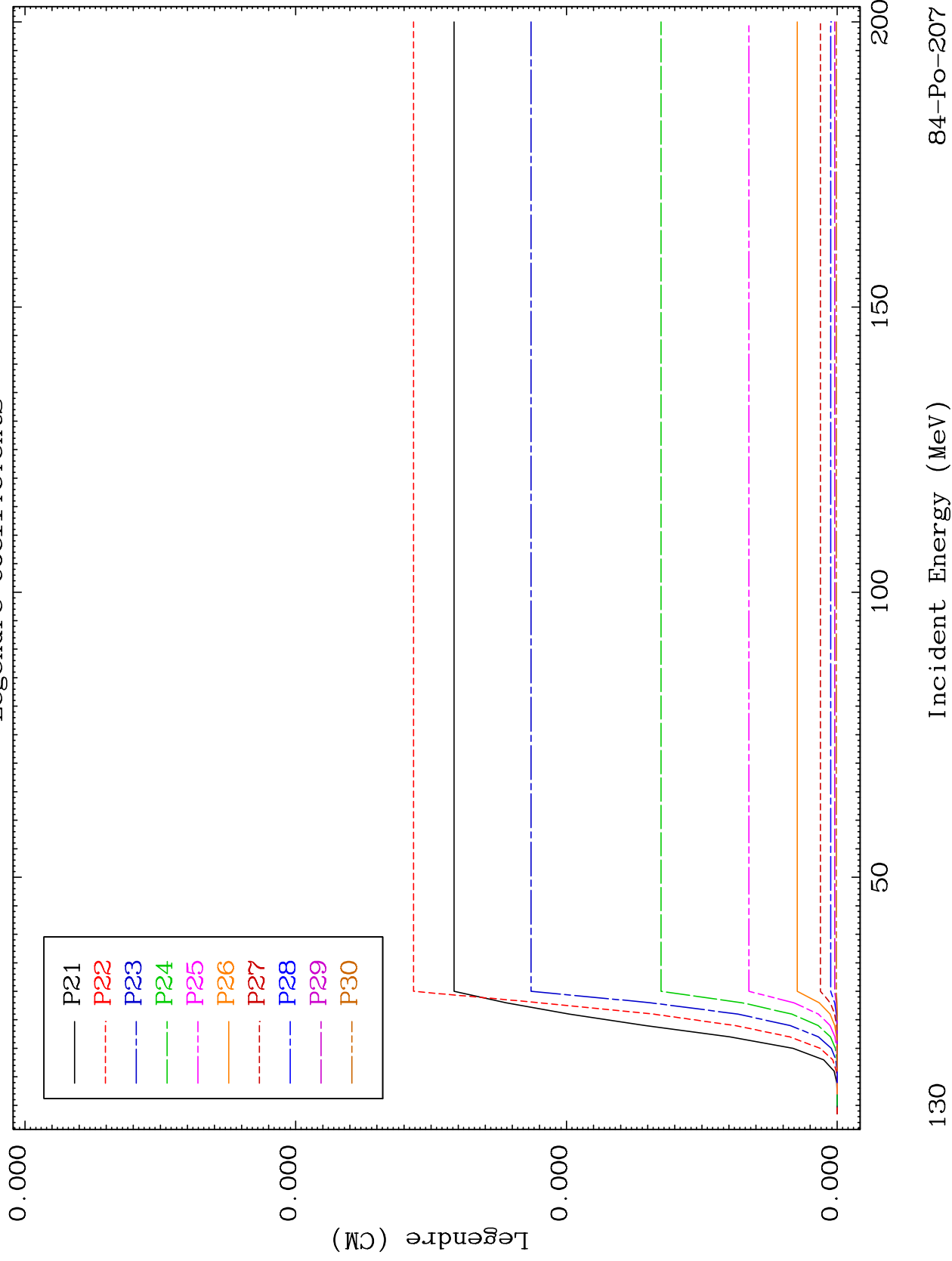
128



MAT 8428

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

84-Po-207



130

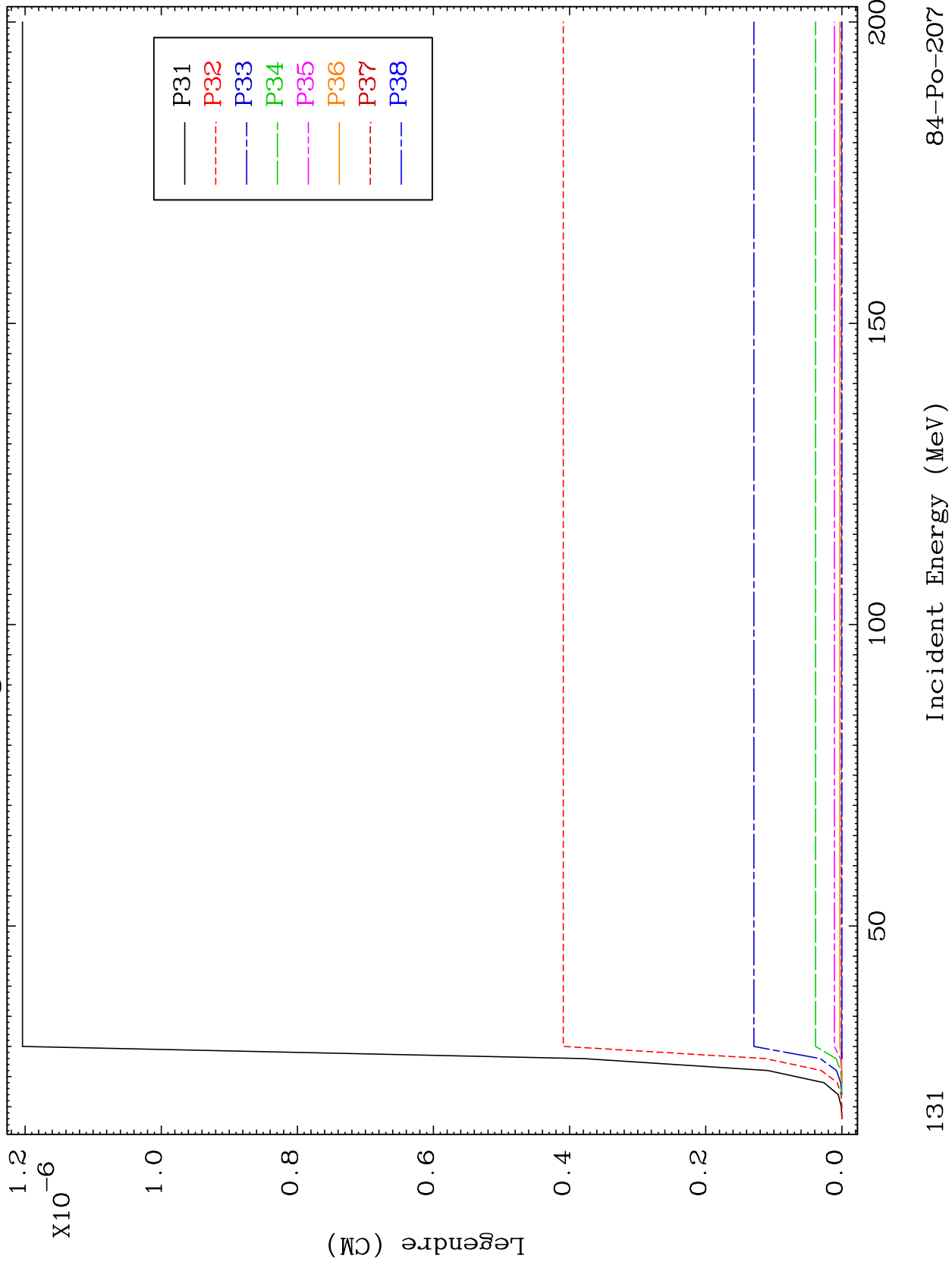
Incident Energy (MeV)

84-Po-207

MAT 8428

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

84-Po-207



131

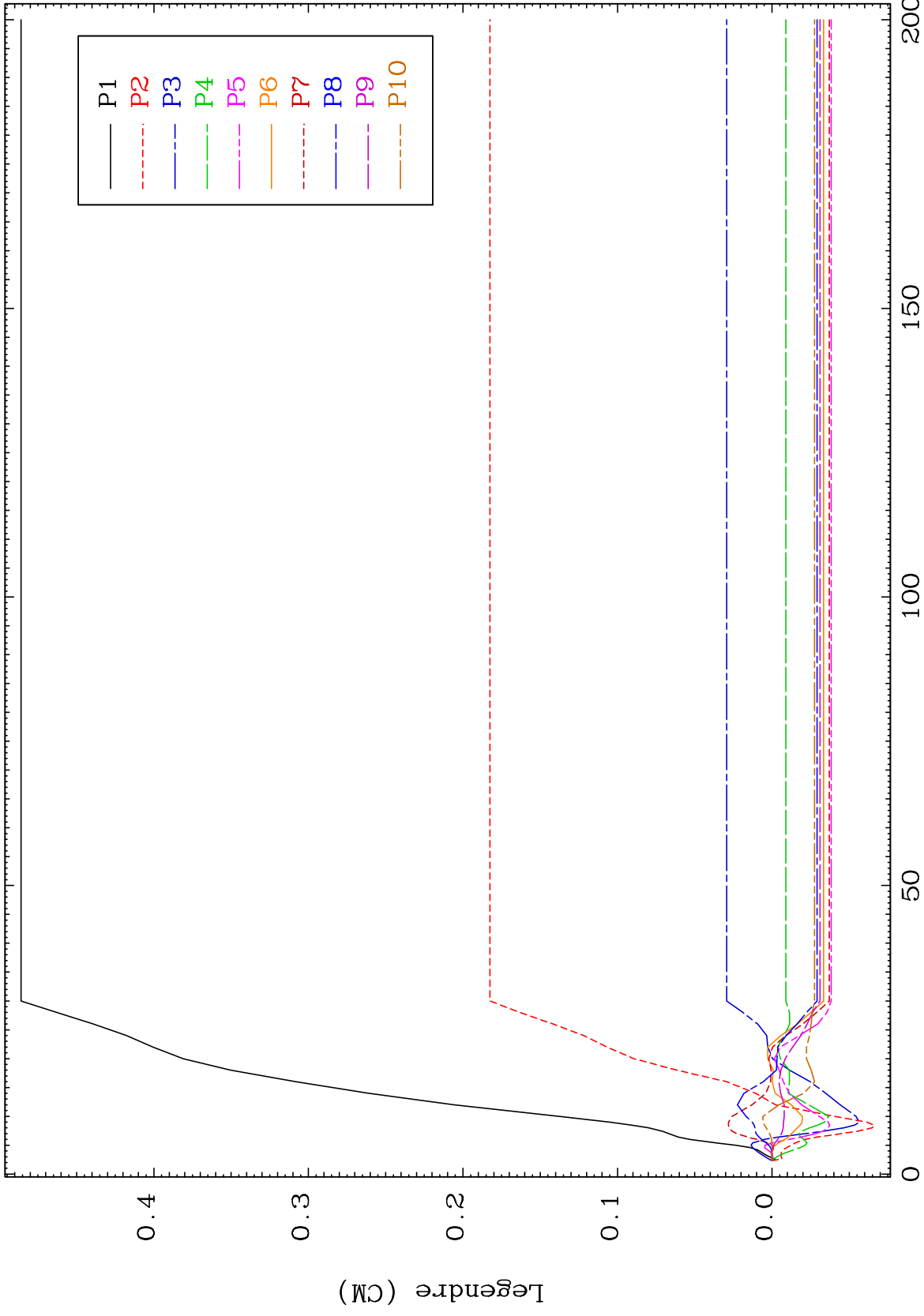
Incident Energy (MeV)

84-Po-207

MAT 8428

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

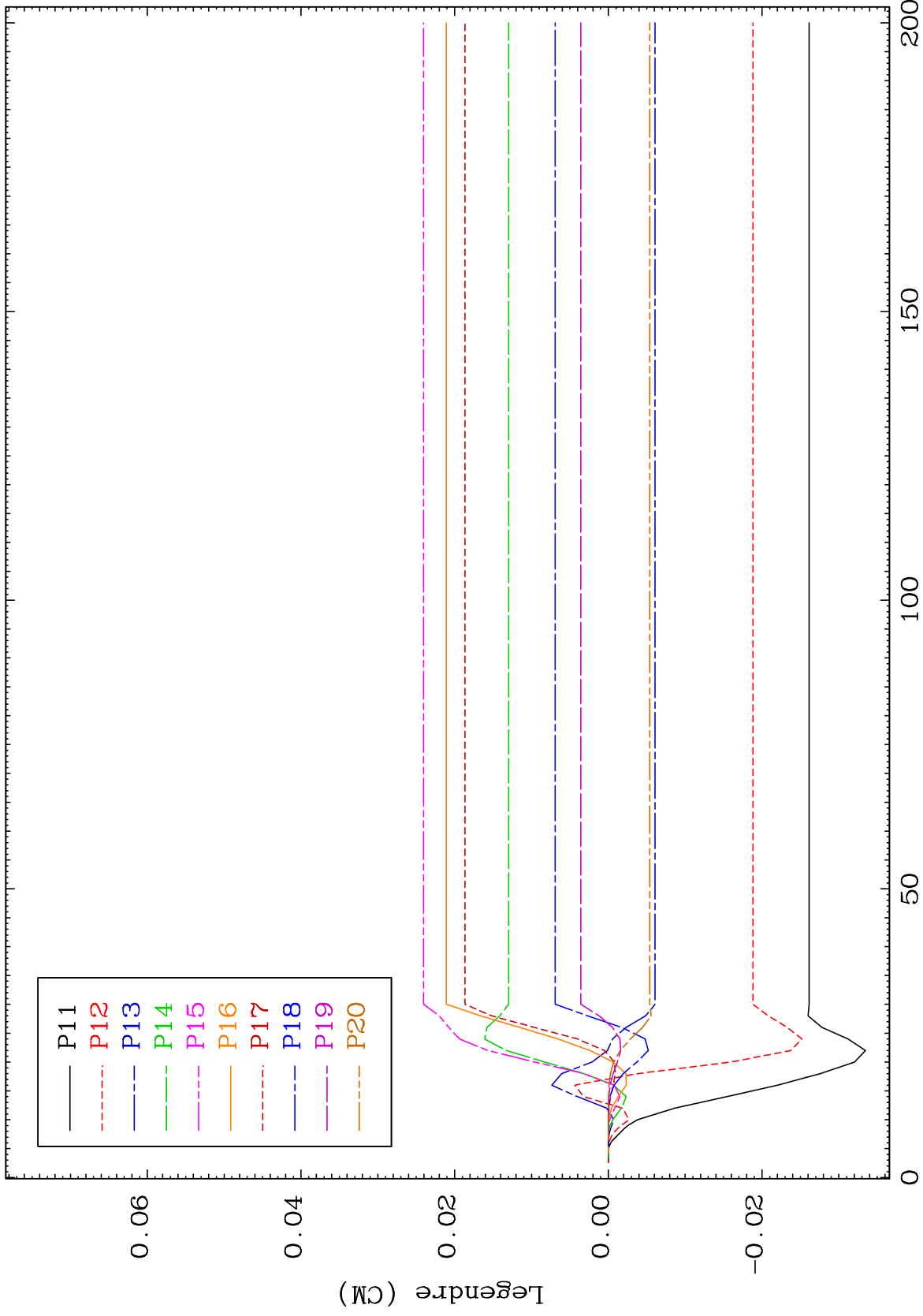
84-Po-207



132

Incident Energy (MeV)

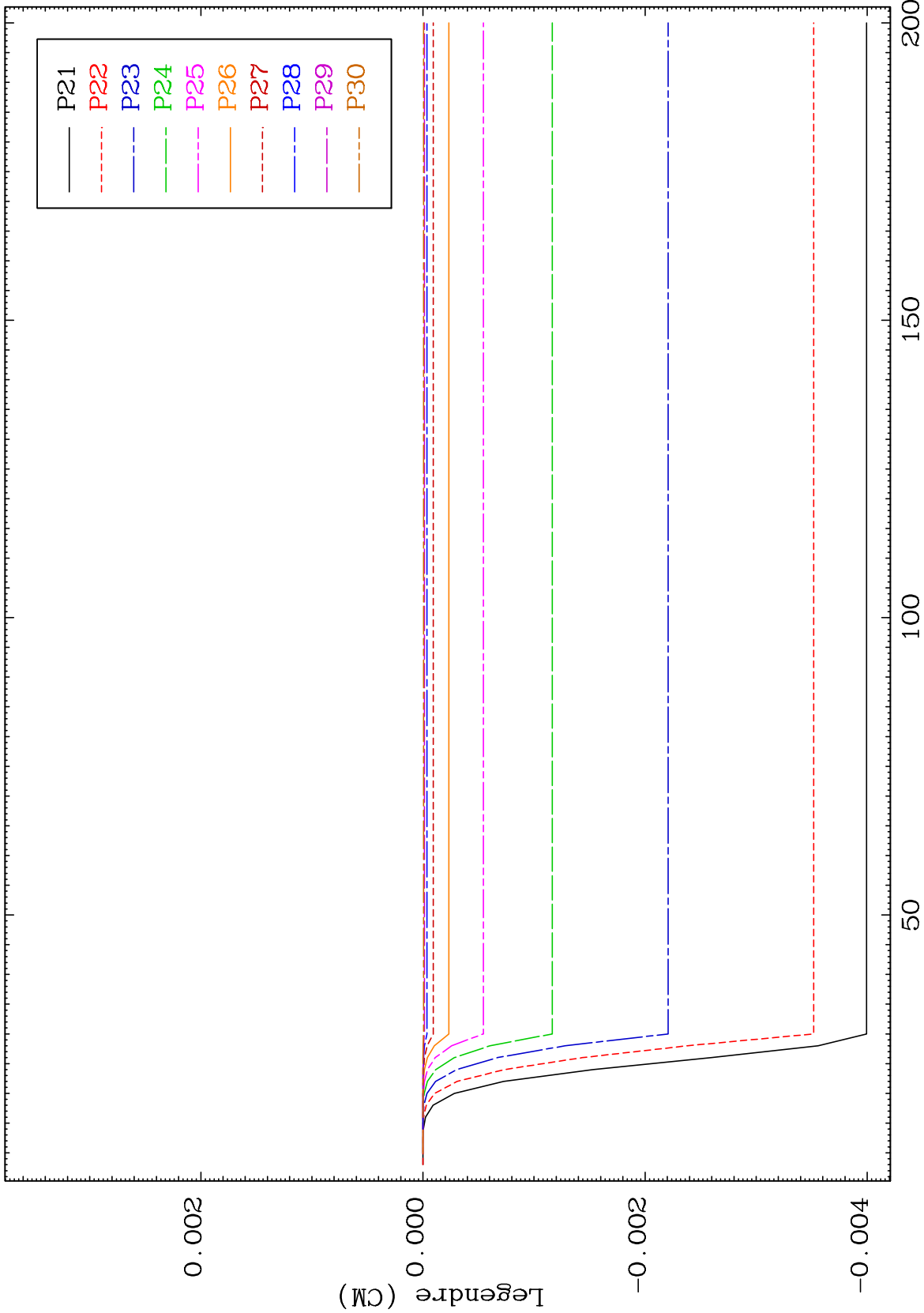
84-Po-207



MAT 8428

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

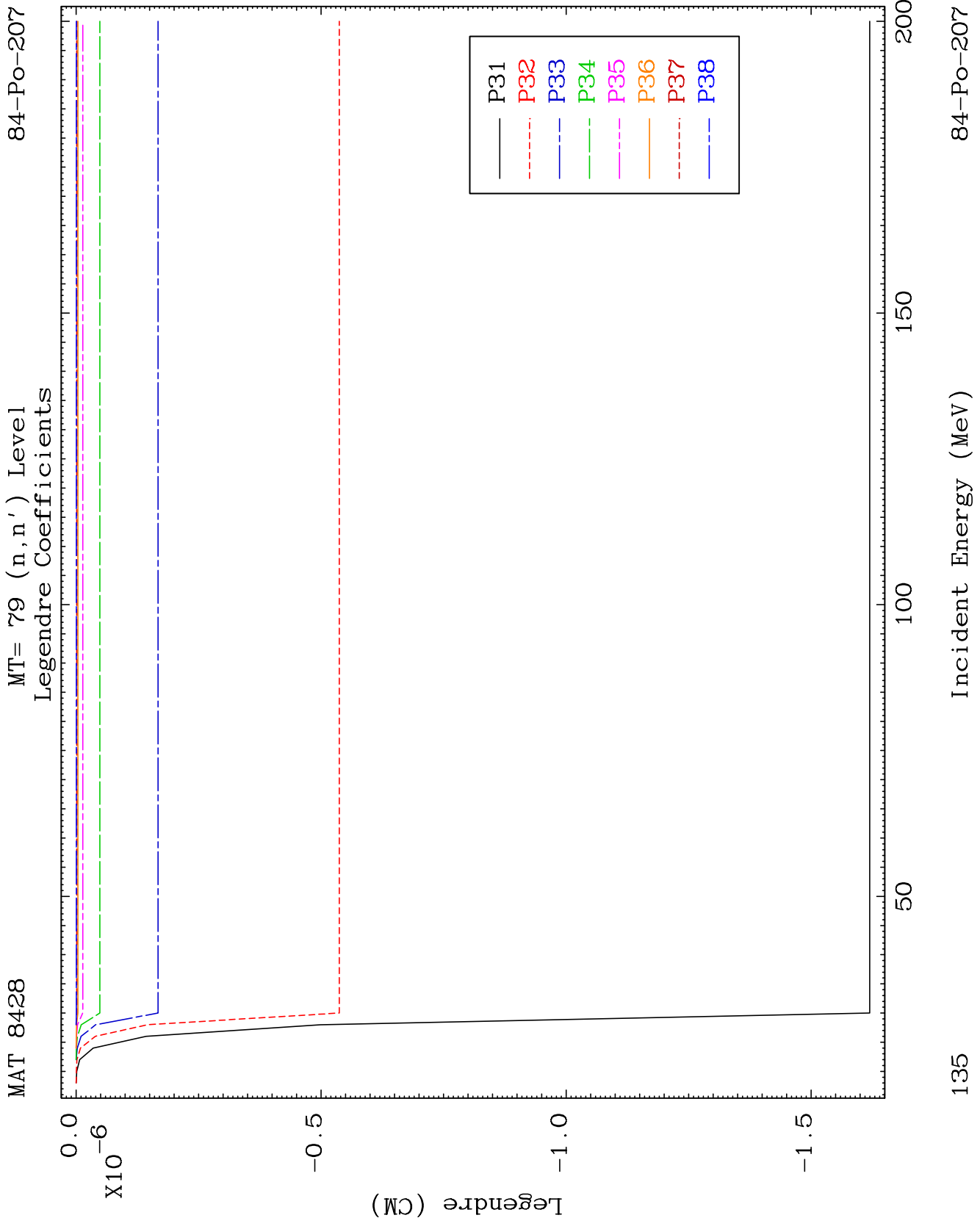
84-Po-207



134

Incident Energy (MeV)

84-Po-207



84-Po-207

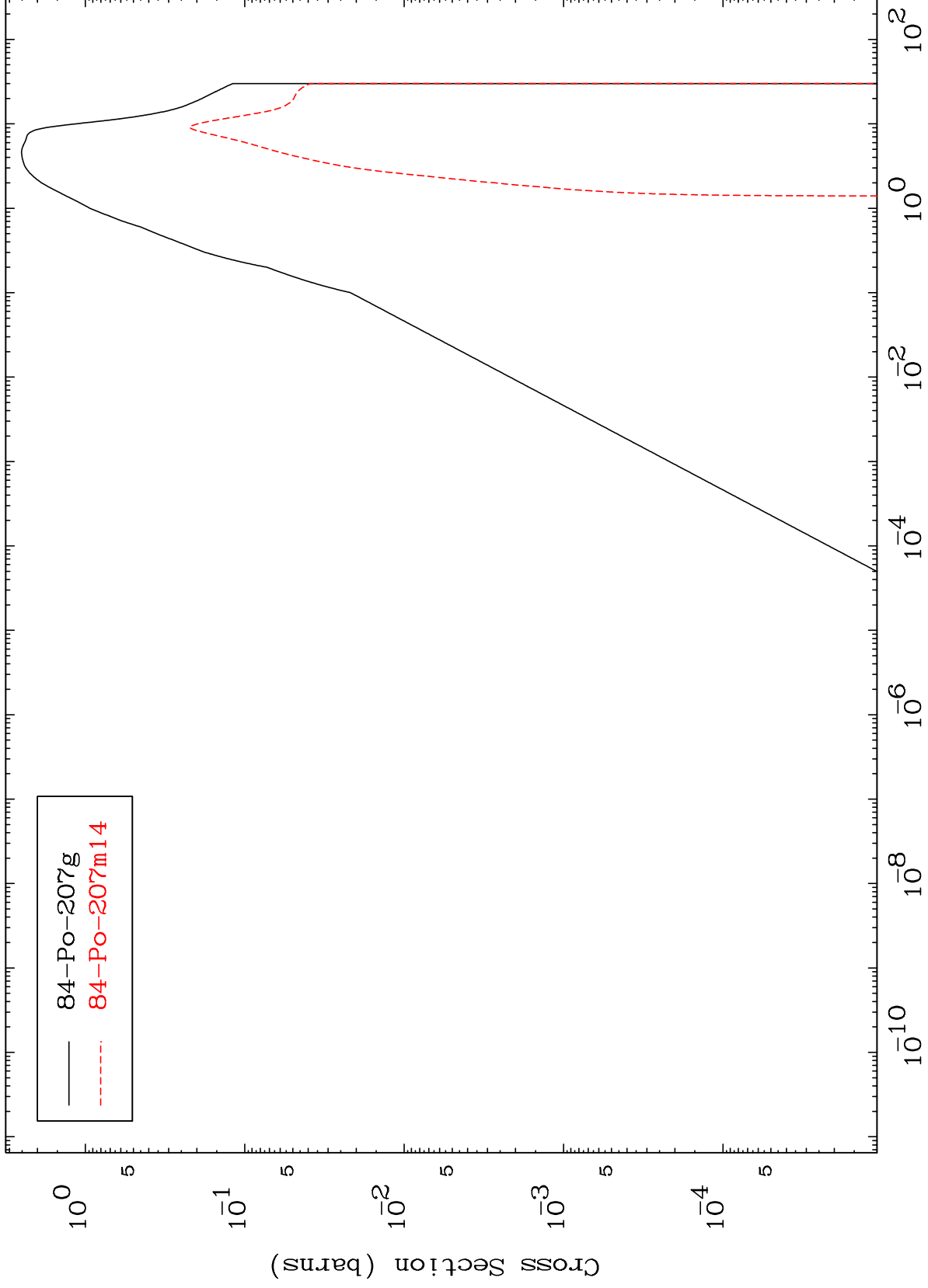
Incident Energy (MeV)

135

MAT 8428

Inelastic
Radionuclide Production Cross Section

84-Po-207



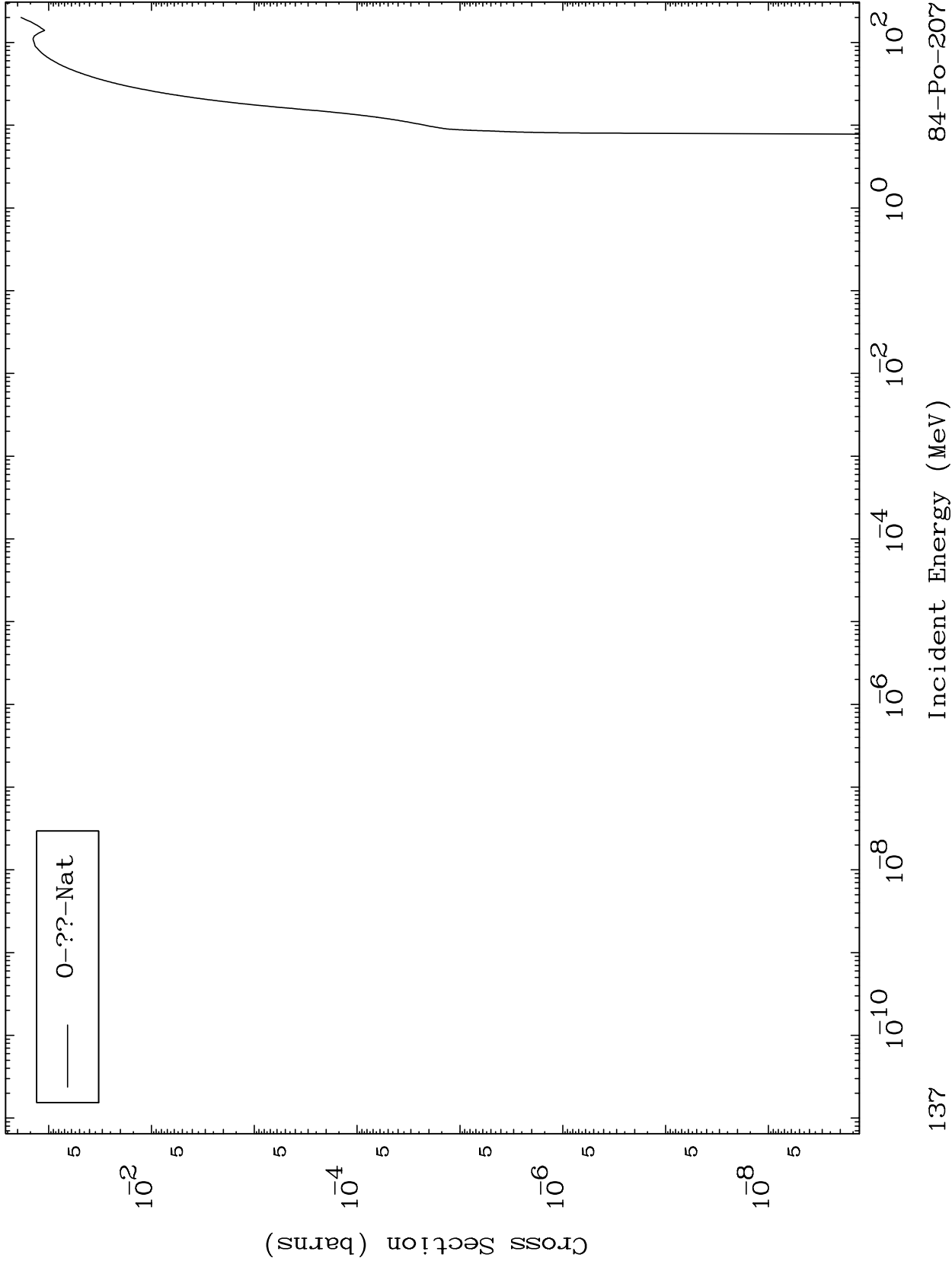
84-Po-207g
84-Po-207m14

84-Po-207

MAT 8428

Fission
Radionuclide Production Cross Section

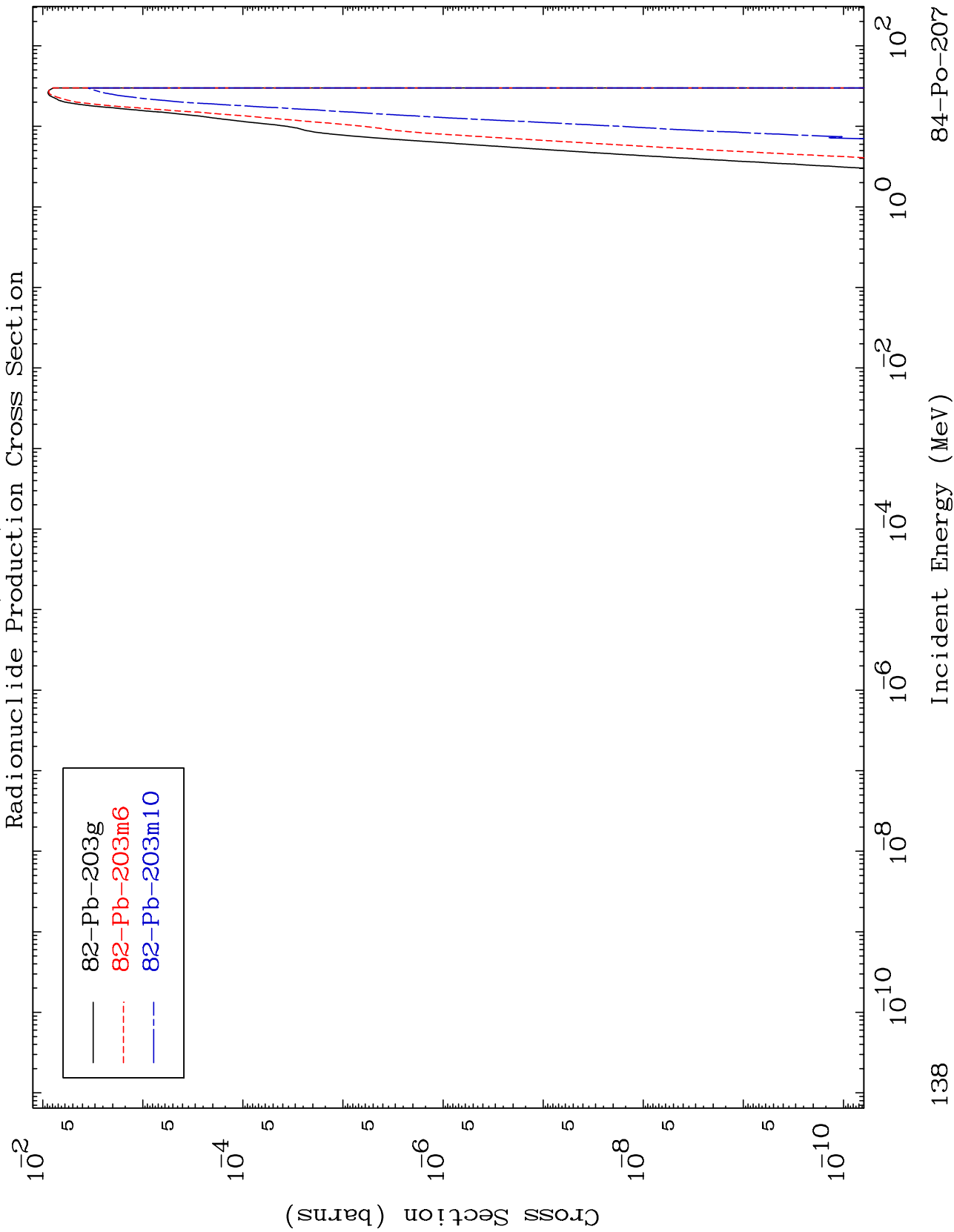
84-Po-207



MAT 8428

$(n, n') \alpha$

84-Po-207



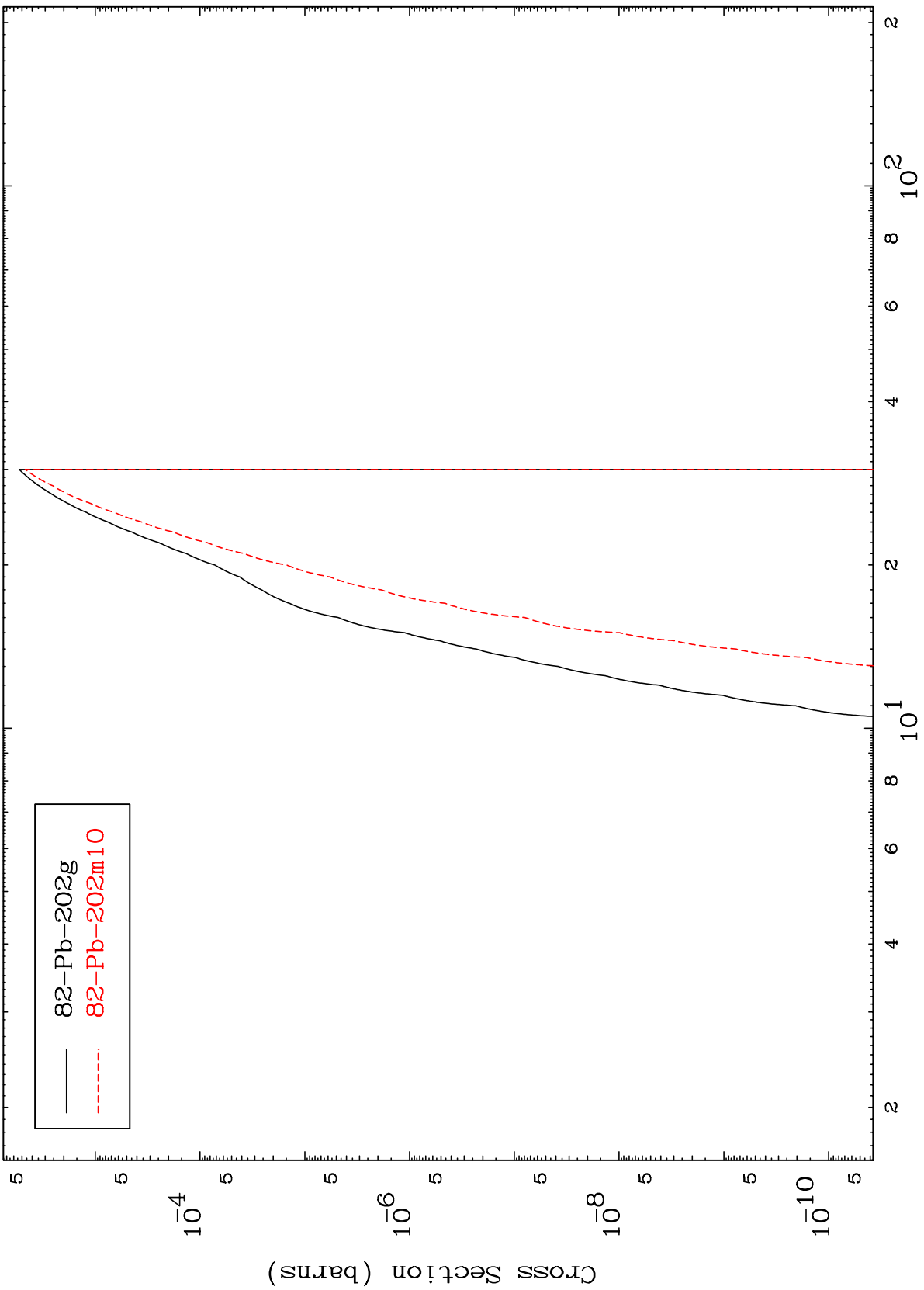
82-Pb-203g
82-Pb-203m6
82-Pb-203m10

MAT 8428

(n,2n) α

84-Po-207

Radionuclide Production Cross Section



139

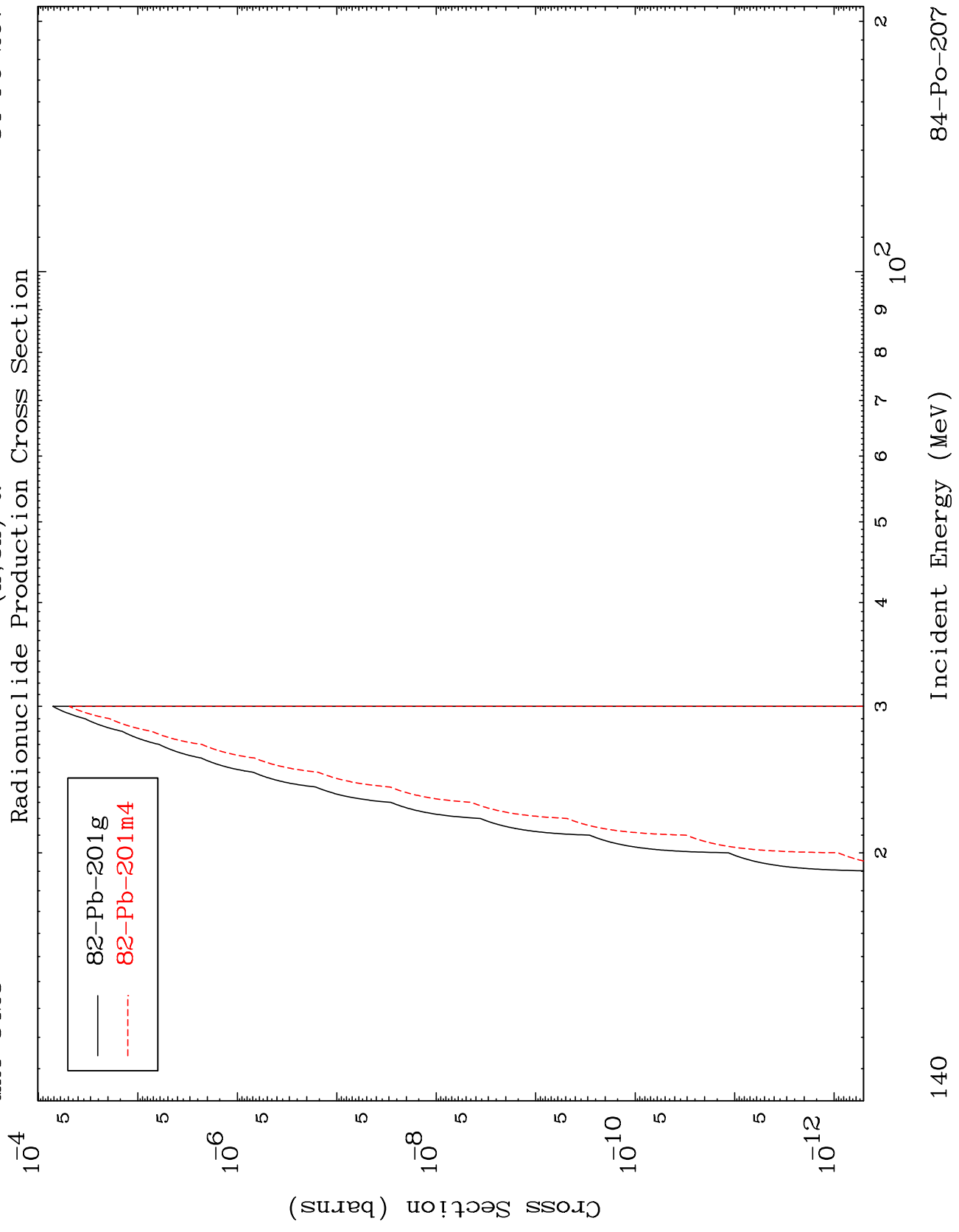
Incident Energy (MeV)

84-Po-207

MAT 8428

(n,3n) α

84-Po-207

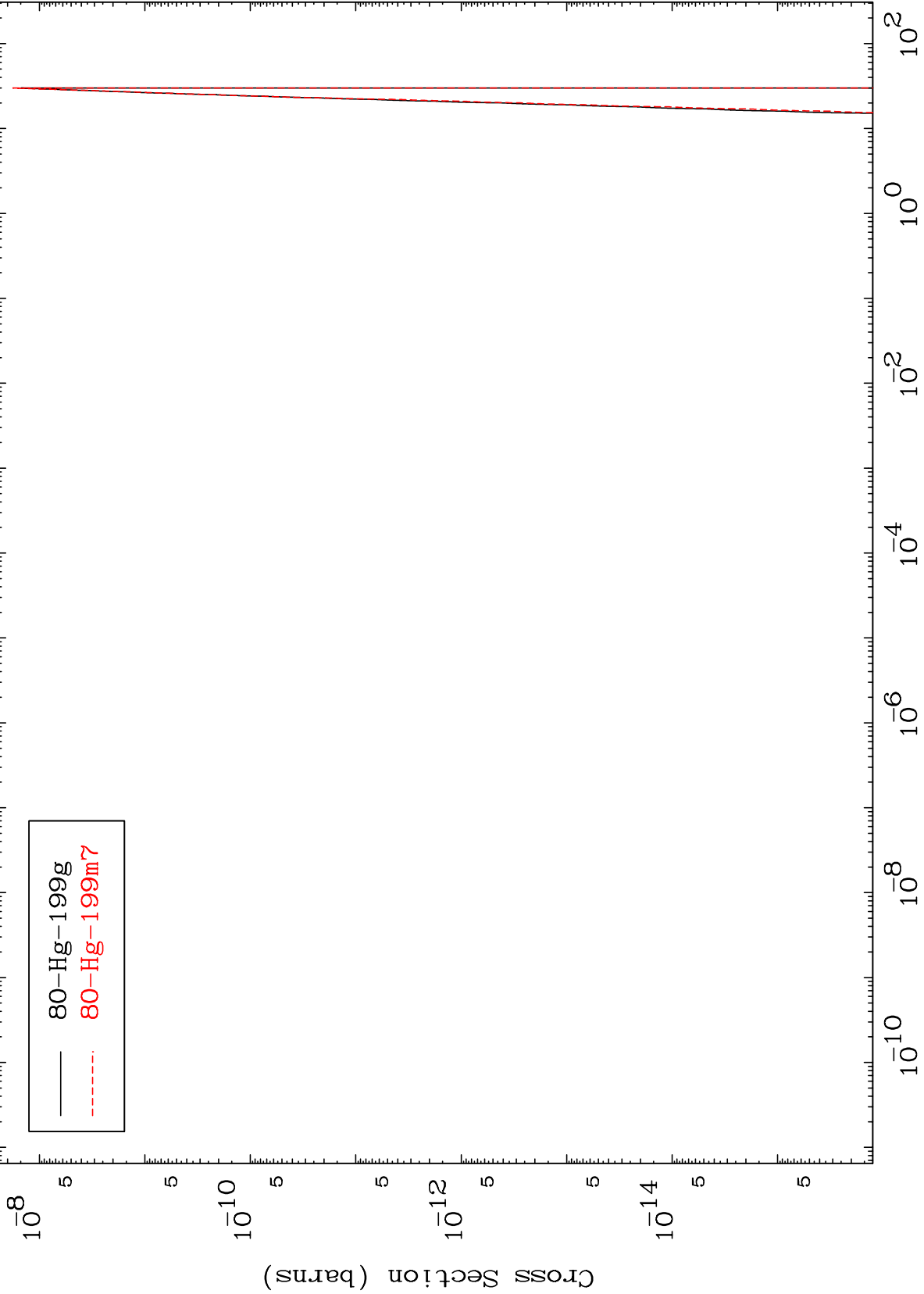


MAT 8428

(n,n') 2α

84-Po-207

Radionuclide Production Cross Section



141

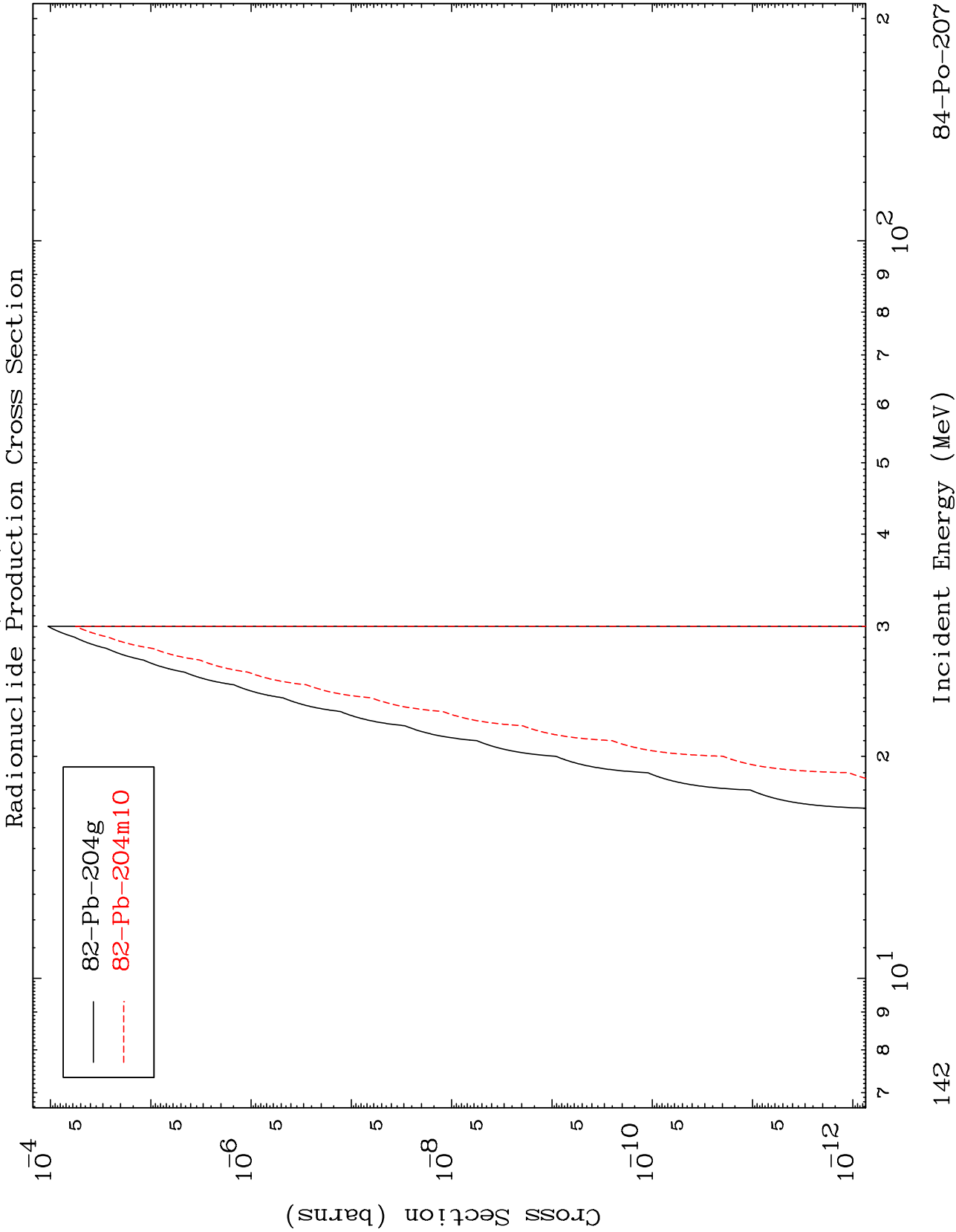
Incident Energy (MeV)

84-Po-207

MAT 8428

(n,n') He-3

84-Po-207

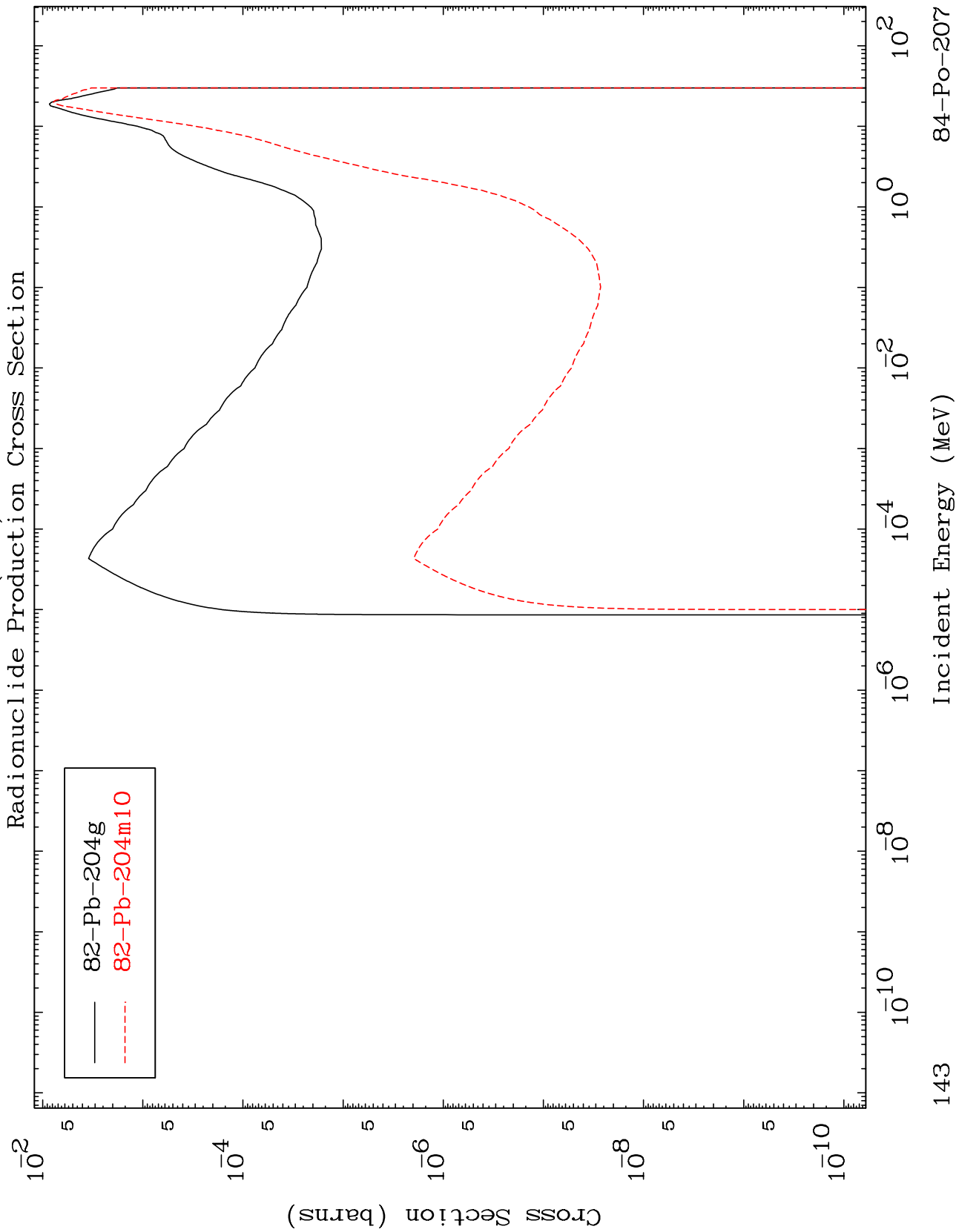


142

84-Po-207

MAT 8428

84-Po-207

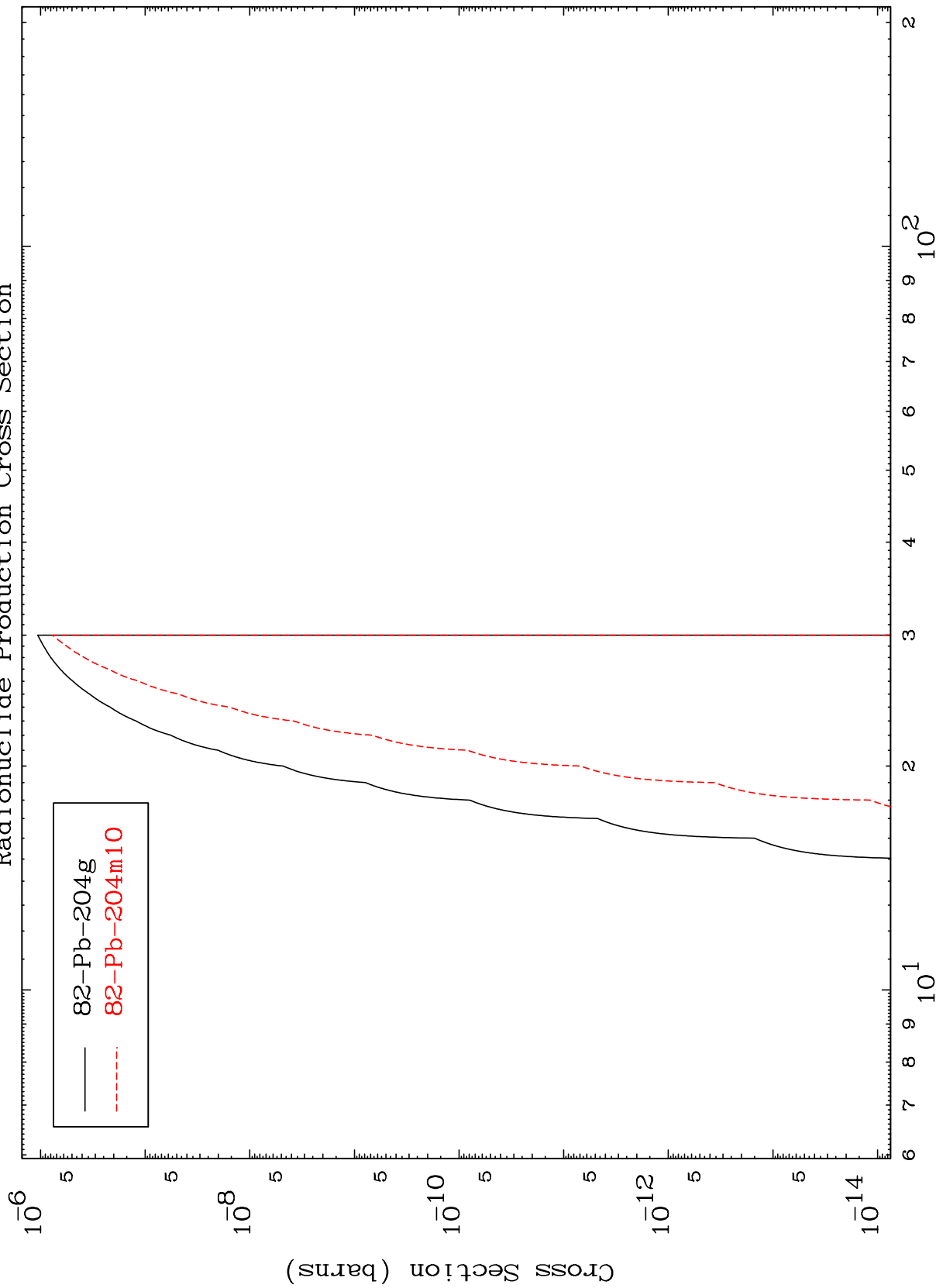


MAT 8428

(n,p) t

84-Po-207

Radionuclide Production Cross Section



144

Incident Energy (MeV)

84-Po-207