

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

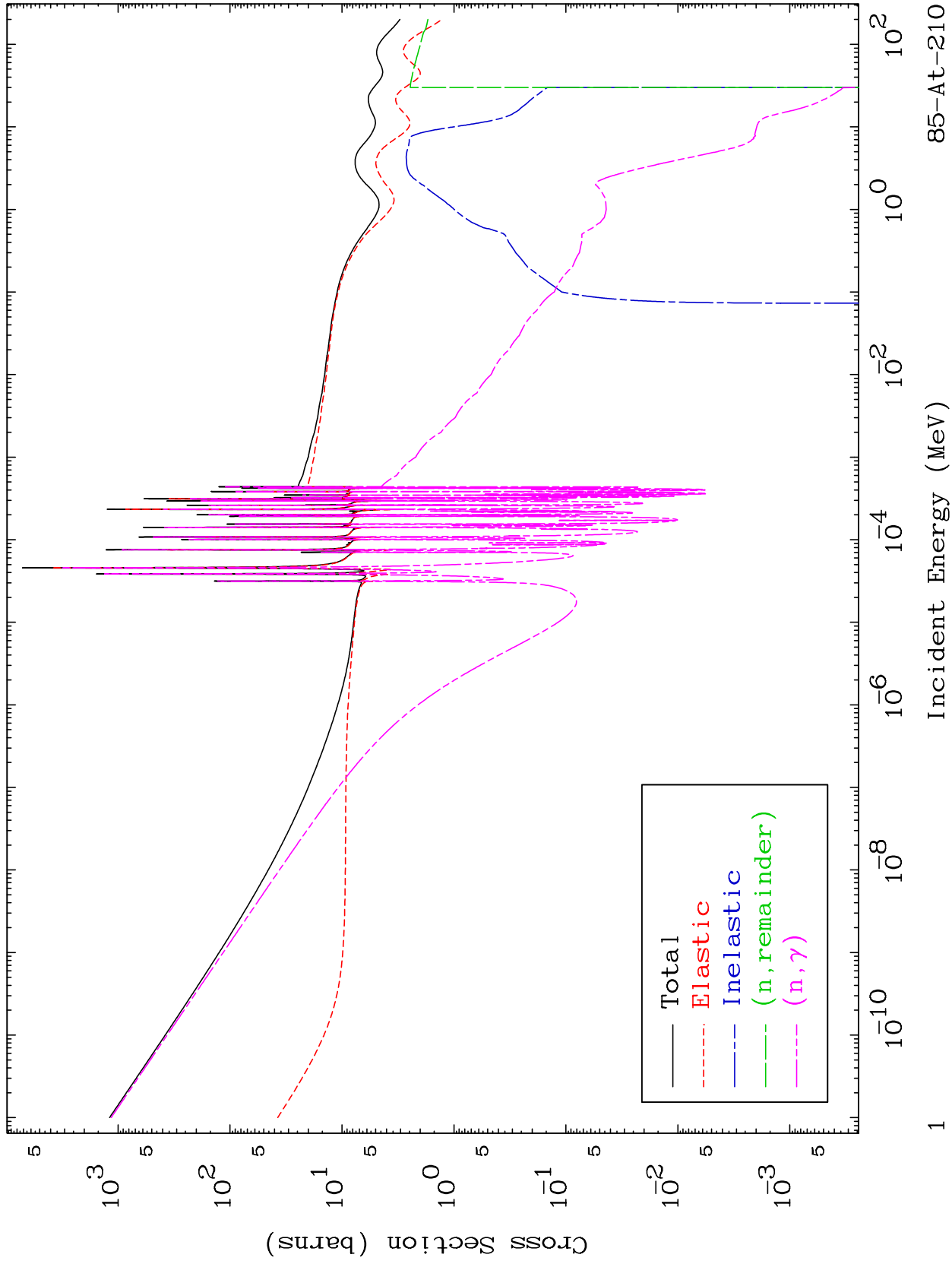
Press Mouse Button to Start

MAT 8546

Major

293 Kelvin Cross Sections

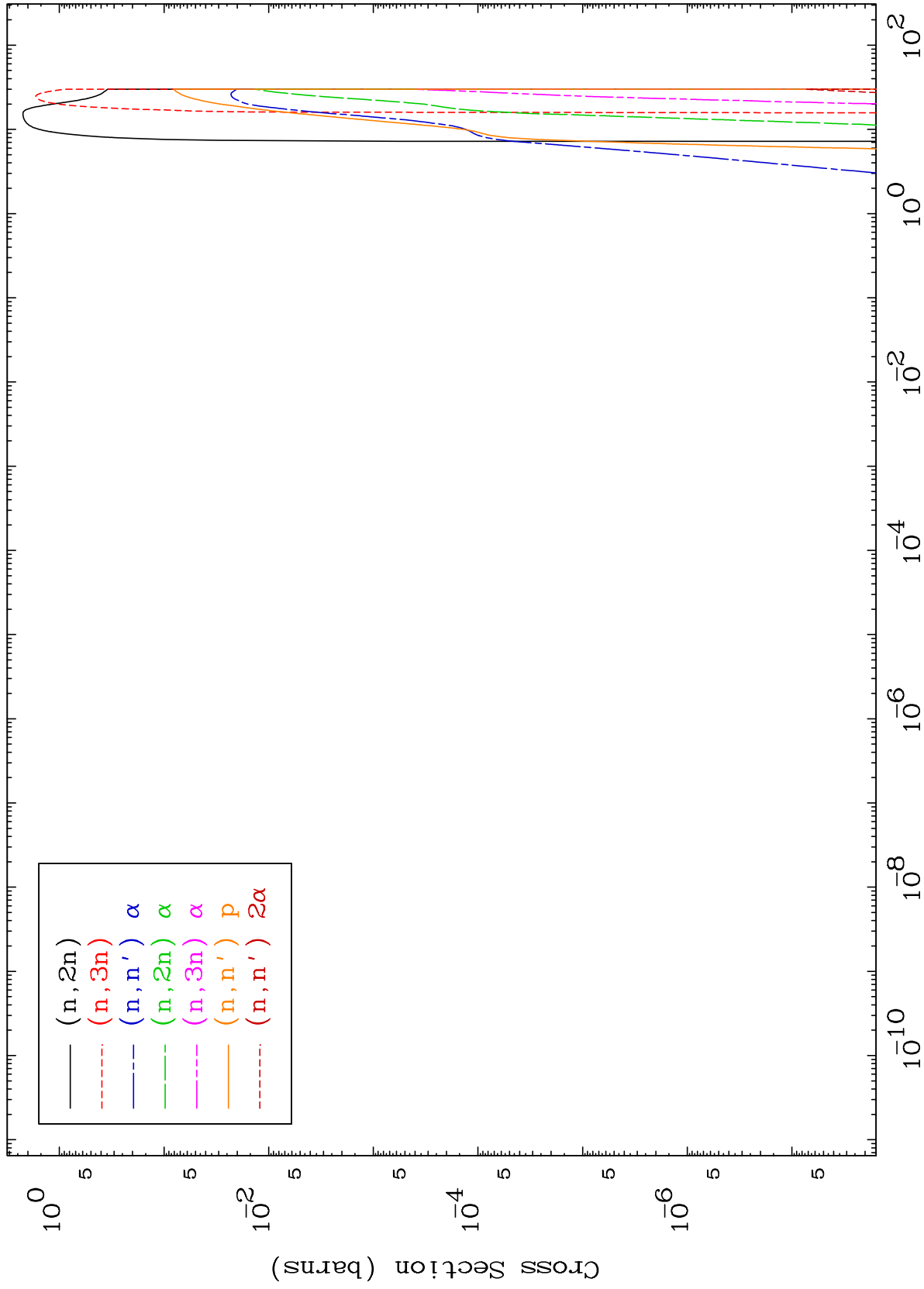
85-At-210



MAT 8546

Neutron Production
293 Kelvin Cross Sections

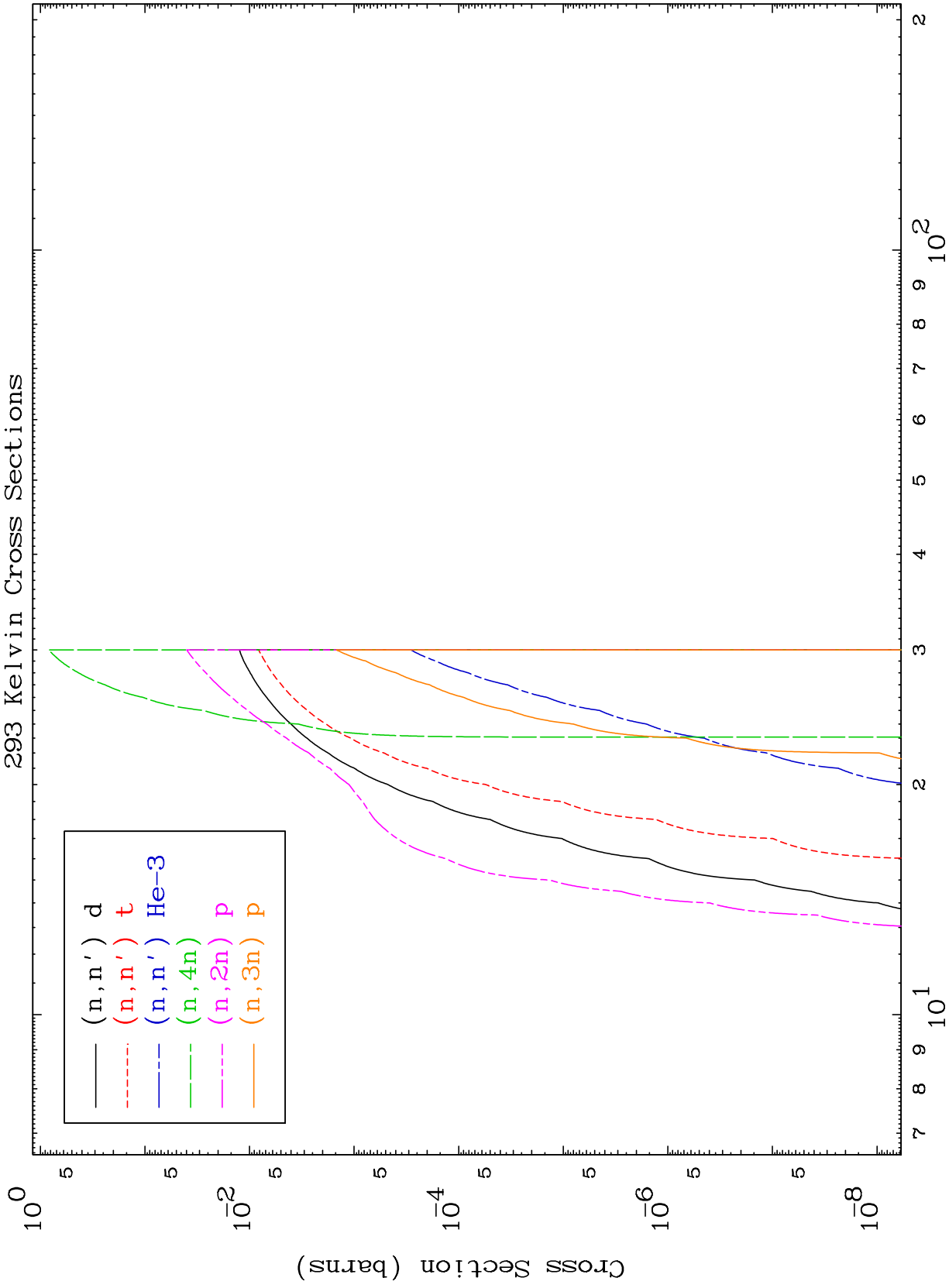
85-At-210



2

Incident Energy (MeV)

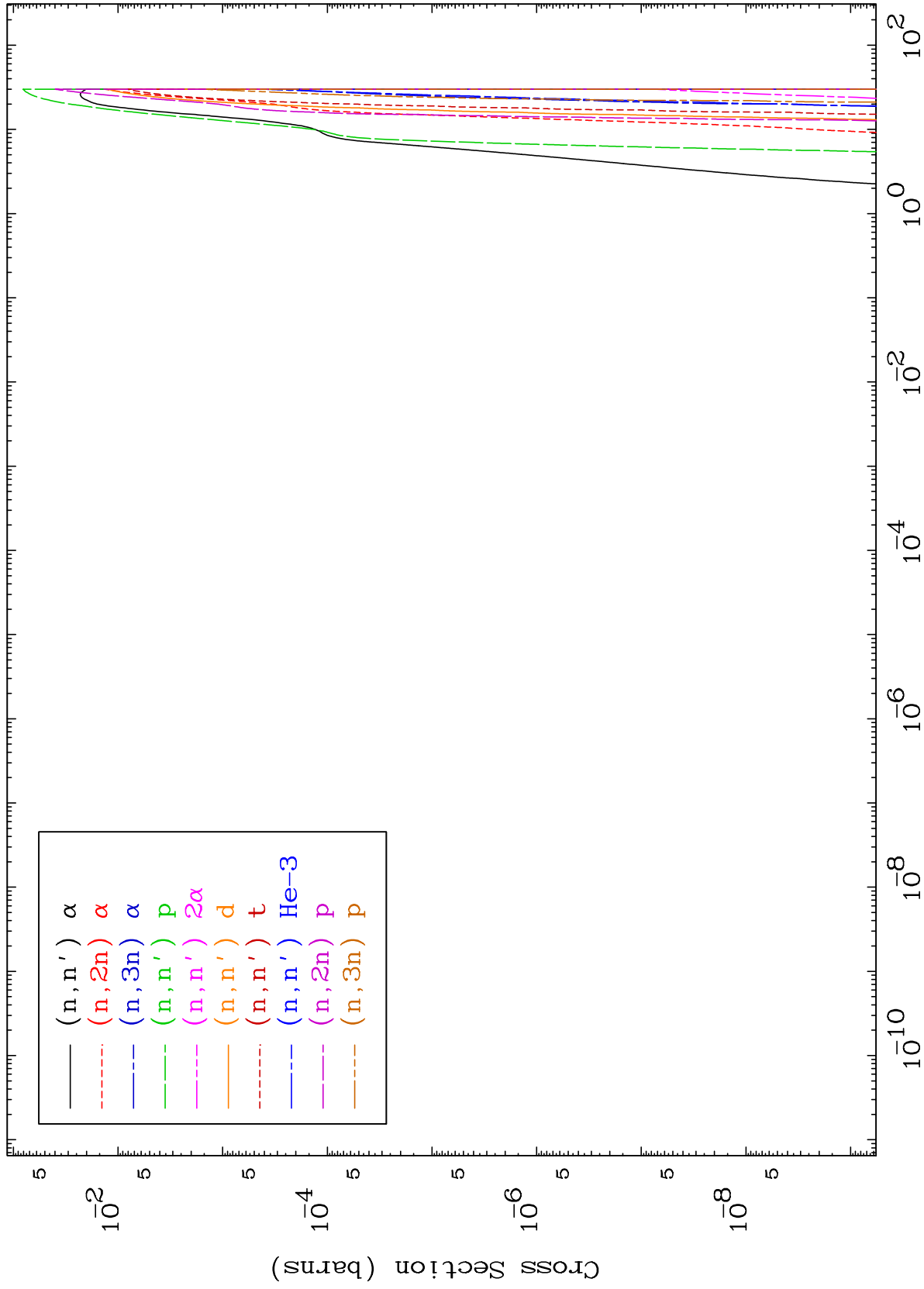
85-At-210



MAT 8546

Charged Particle
293 Kelvin Cross Sections

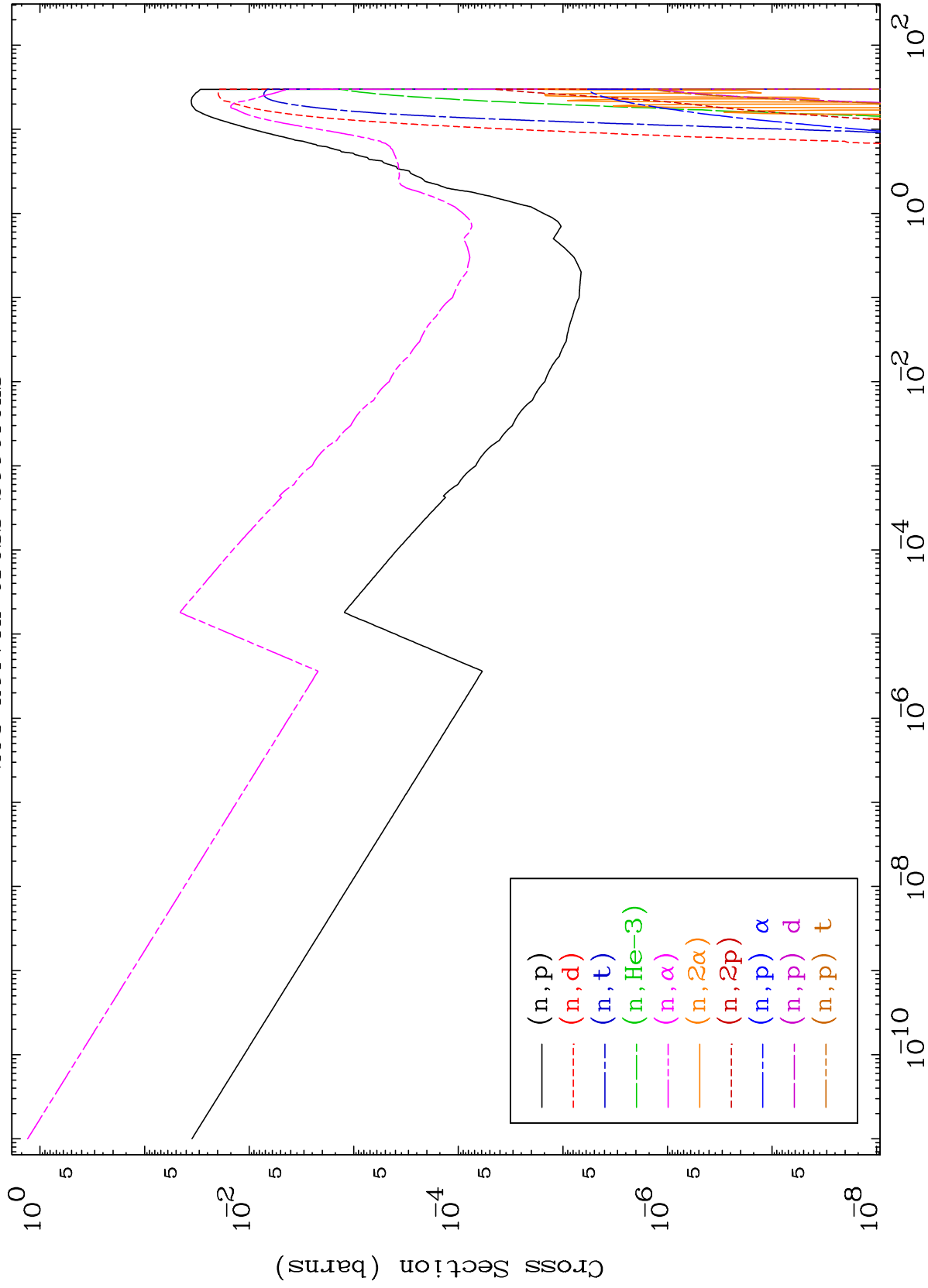
85-At-210



MAT 8546

Charged Particle
293 Kelvin Cross Sections

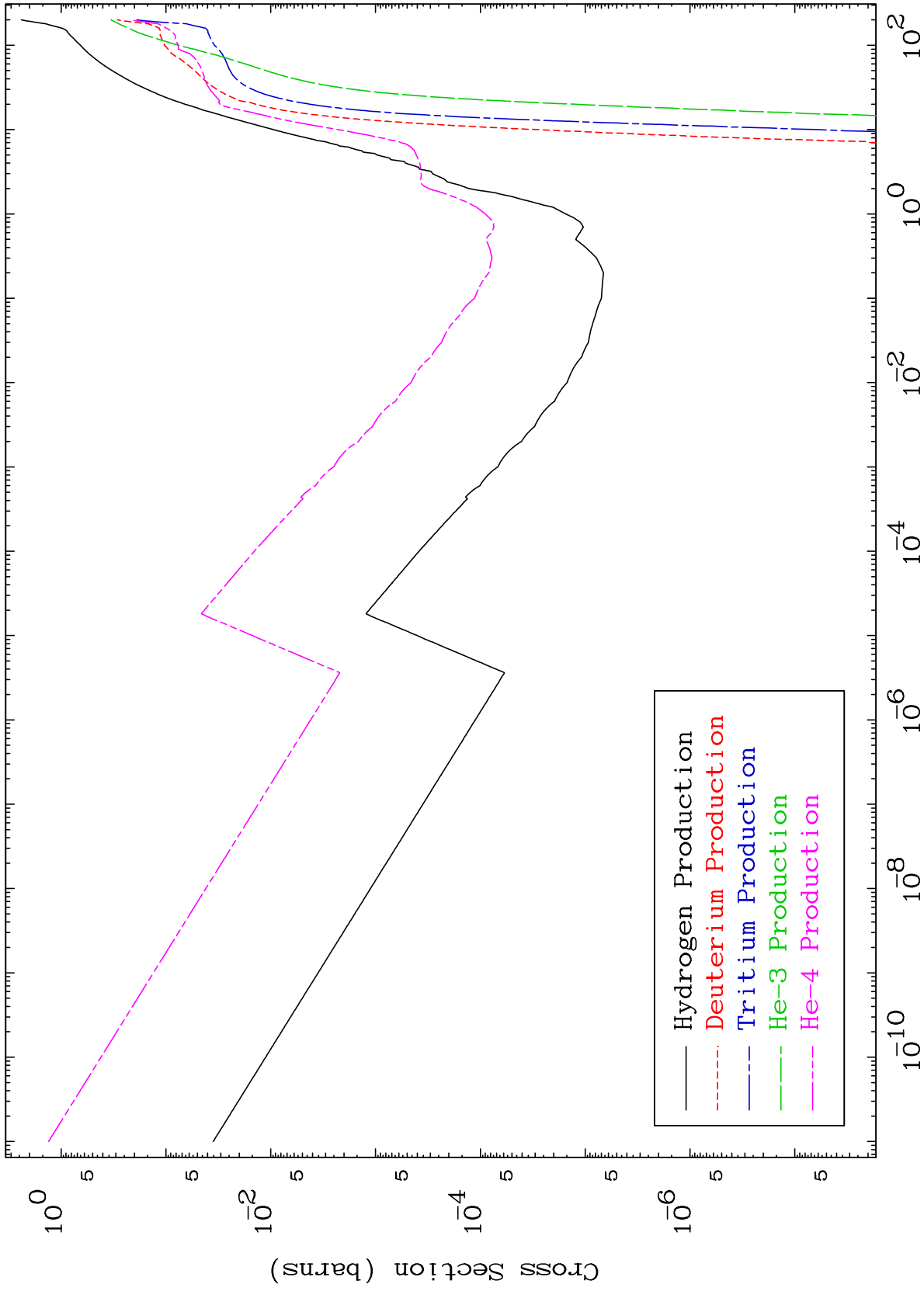
85-At-210



MAT 8546

Particle Production
293 Kelvin Cross Sections

85-At-210



6

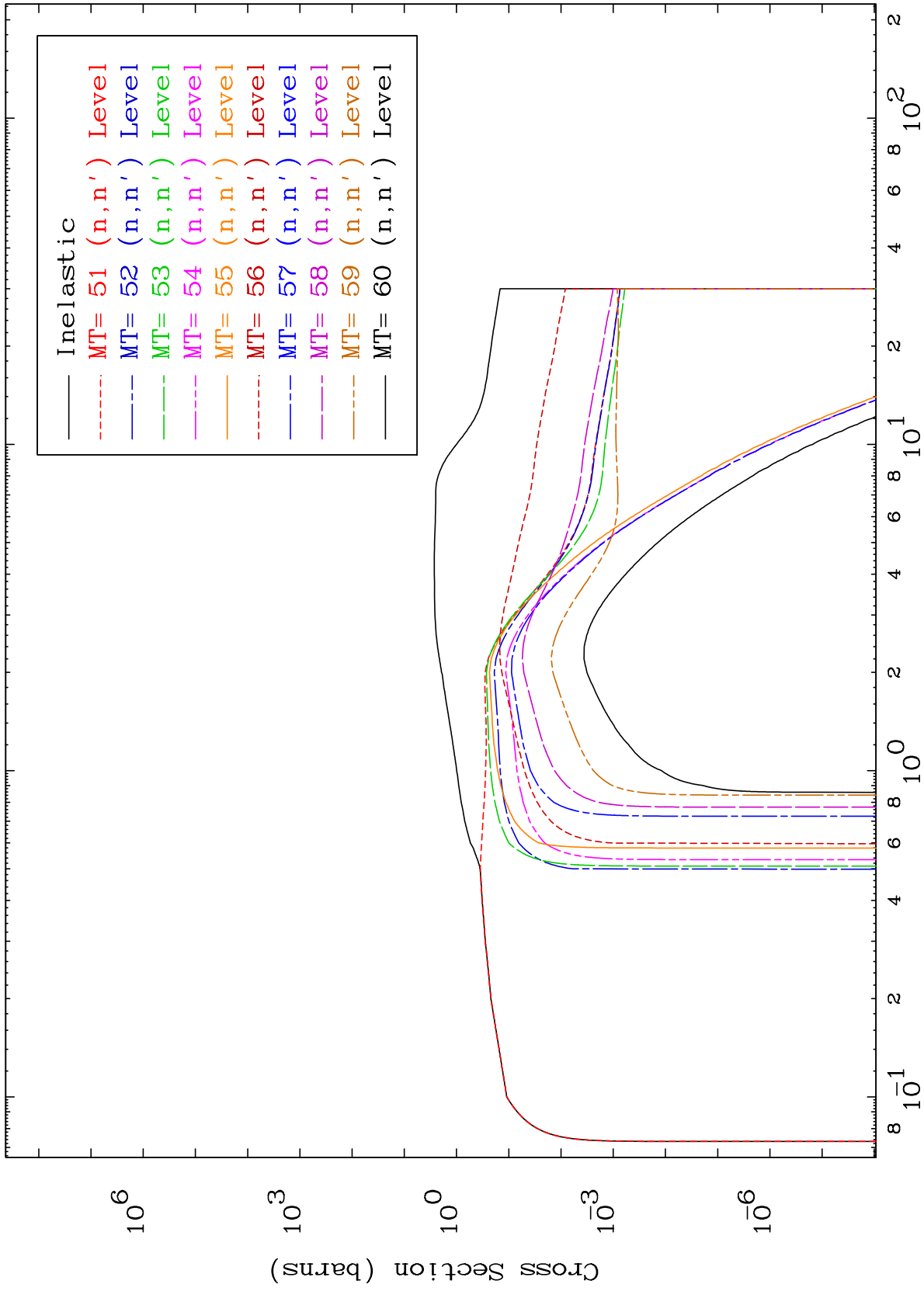
85-At-210

MAT 8546

(n,n') Level

85-At-210

293 Kelvin Cross Sections



7

Incident Energy (MeV)

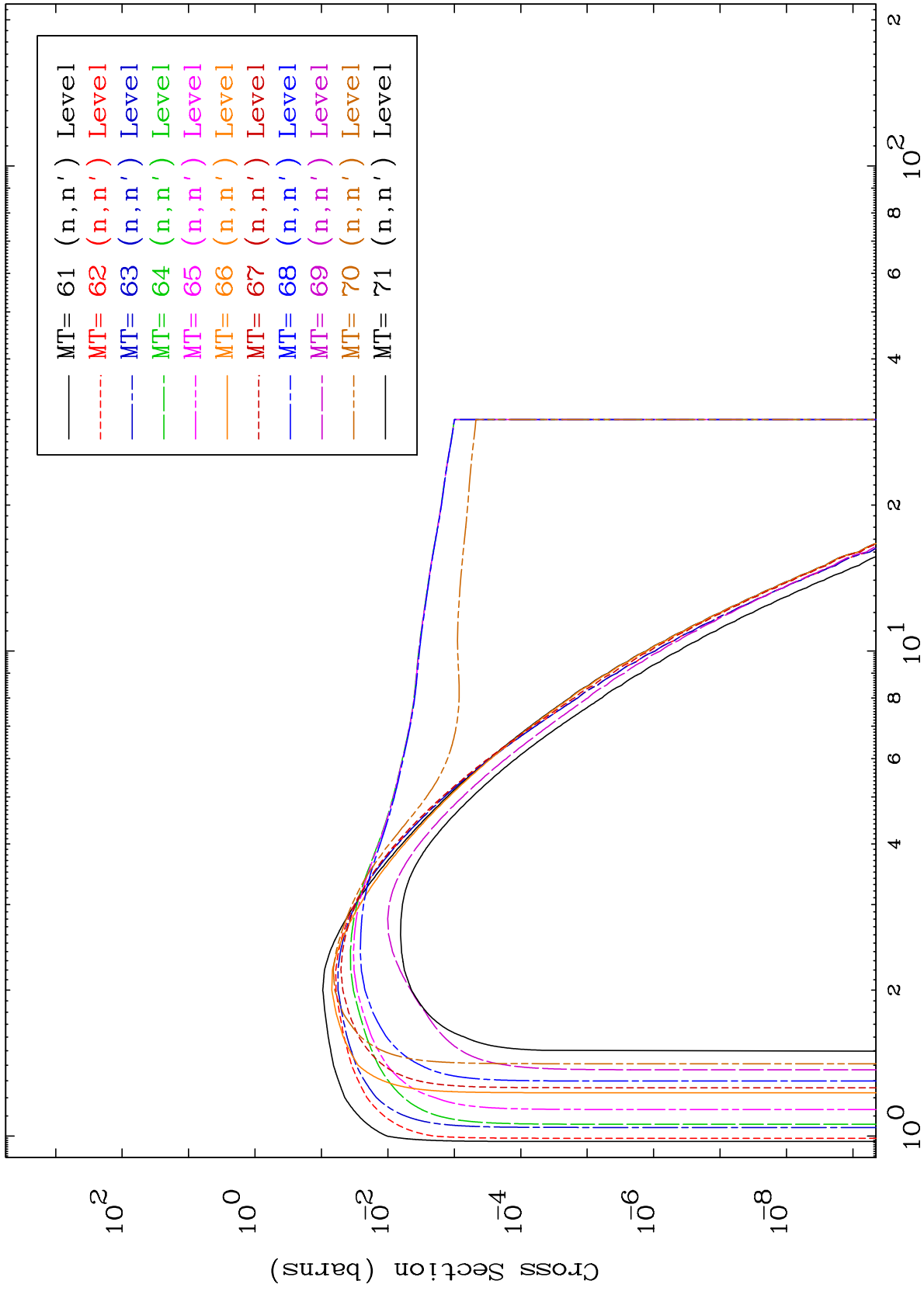
85-At-210

MAT 8546

(n,n') Level

85-At-210

293 Kelvin Cross Sections



Incident Energy (MeV)

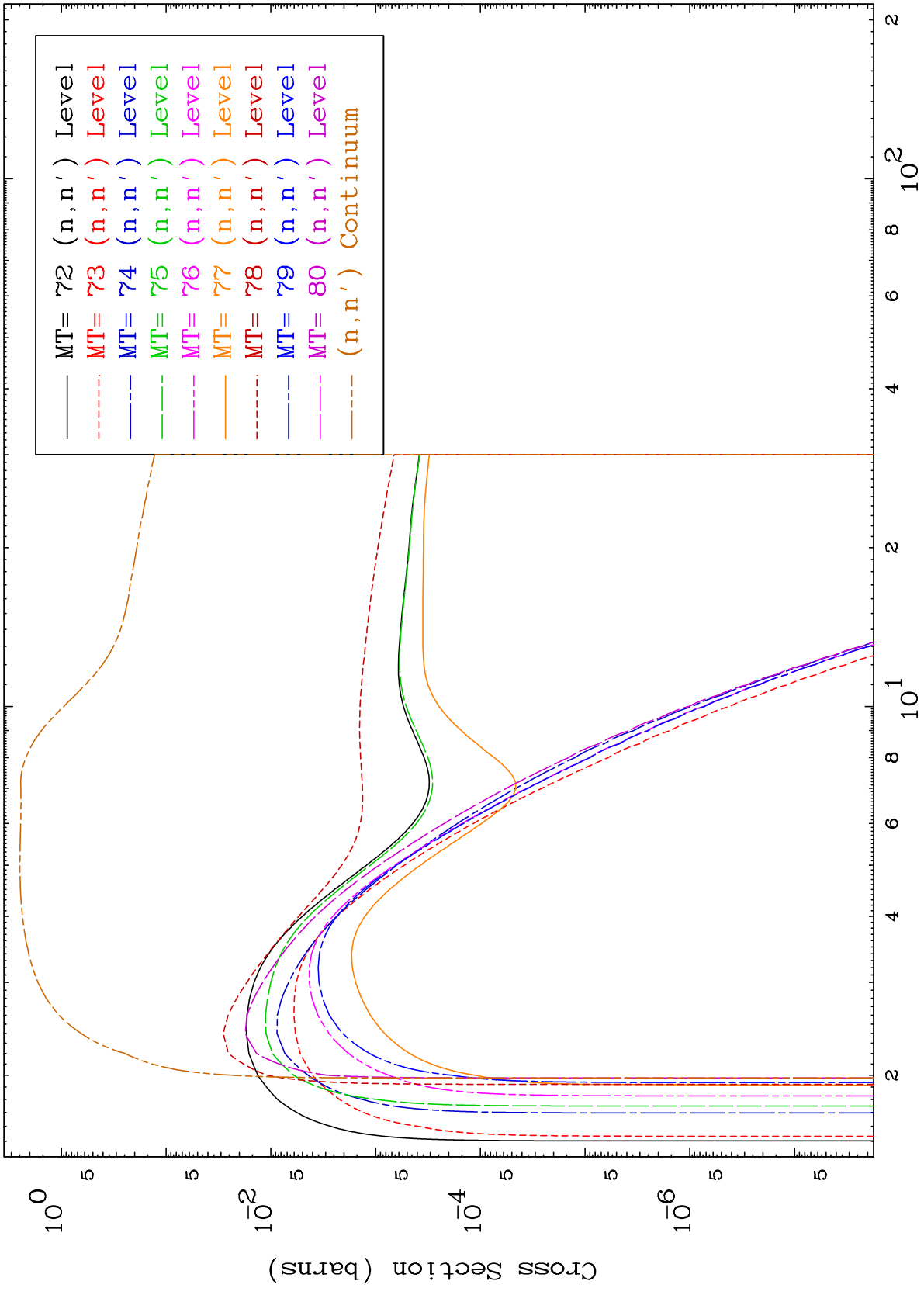
85-At-210

MAT 8546

(n,n') Level

85-At-210

293 Kelvin Cross Sections



9

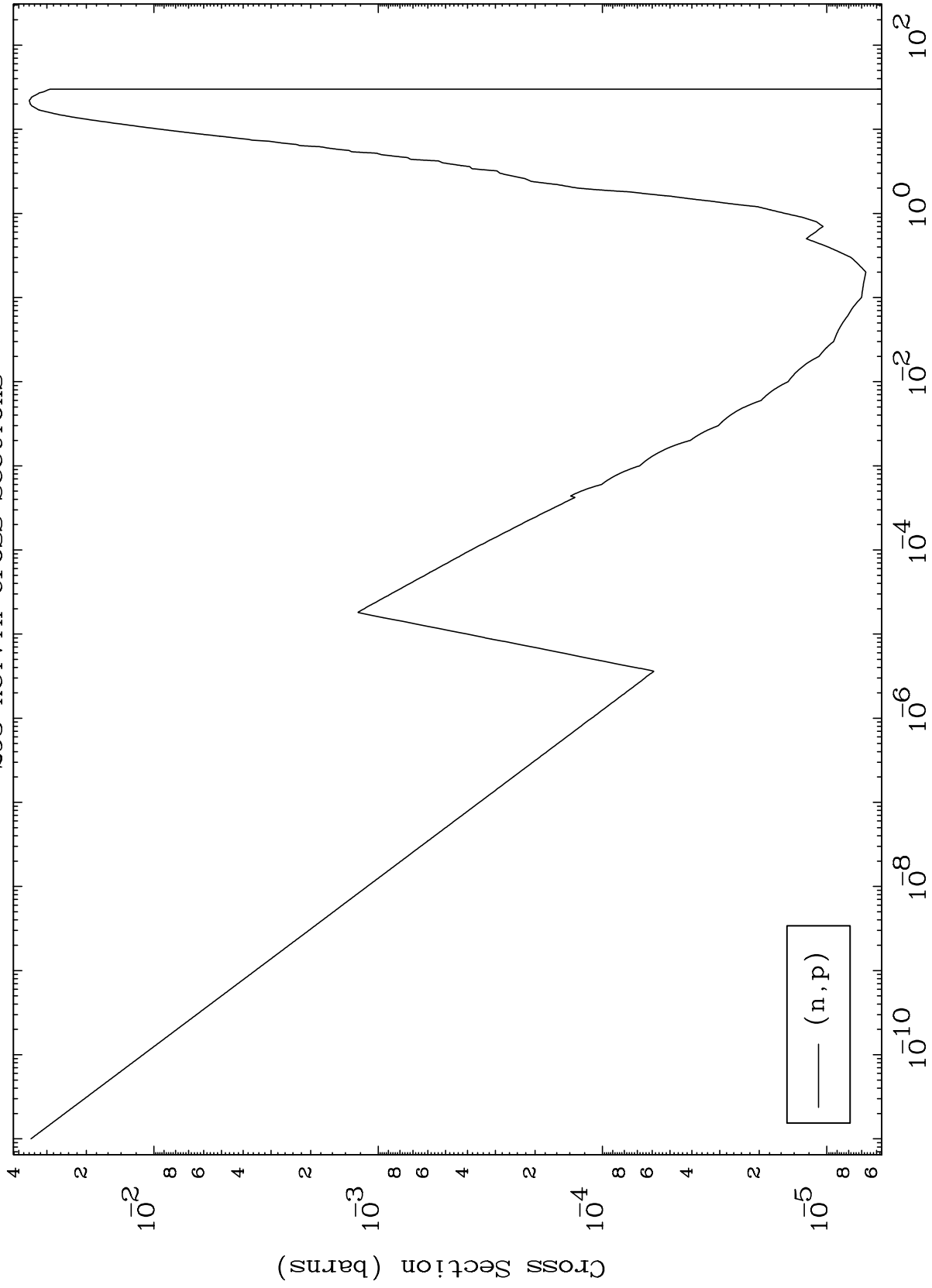
Incident Energy (MeV)

85-At-210

MAT 8546

(n,p) Levels
293 Kelvin Cross Sections

85-At-210



10

Incident Energy (MeV)

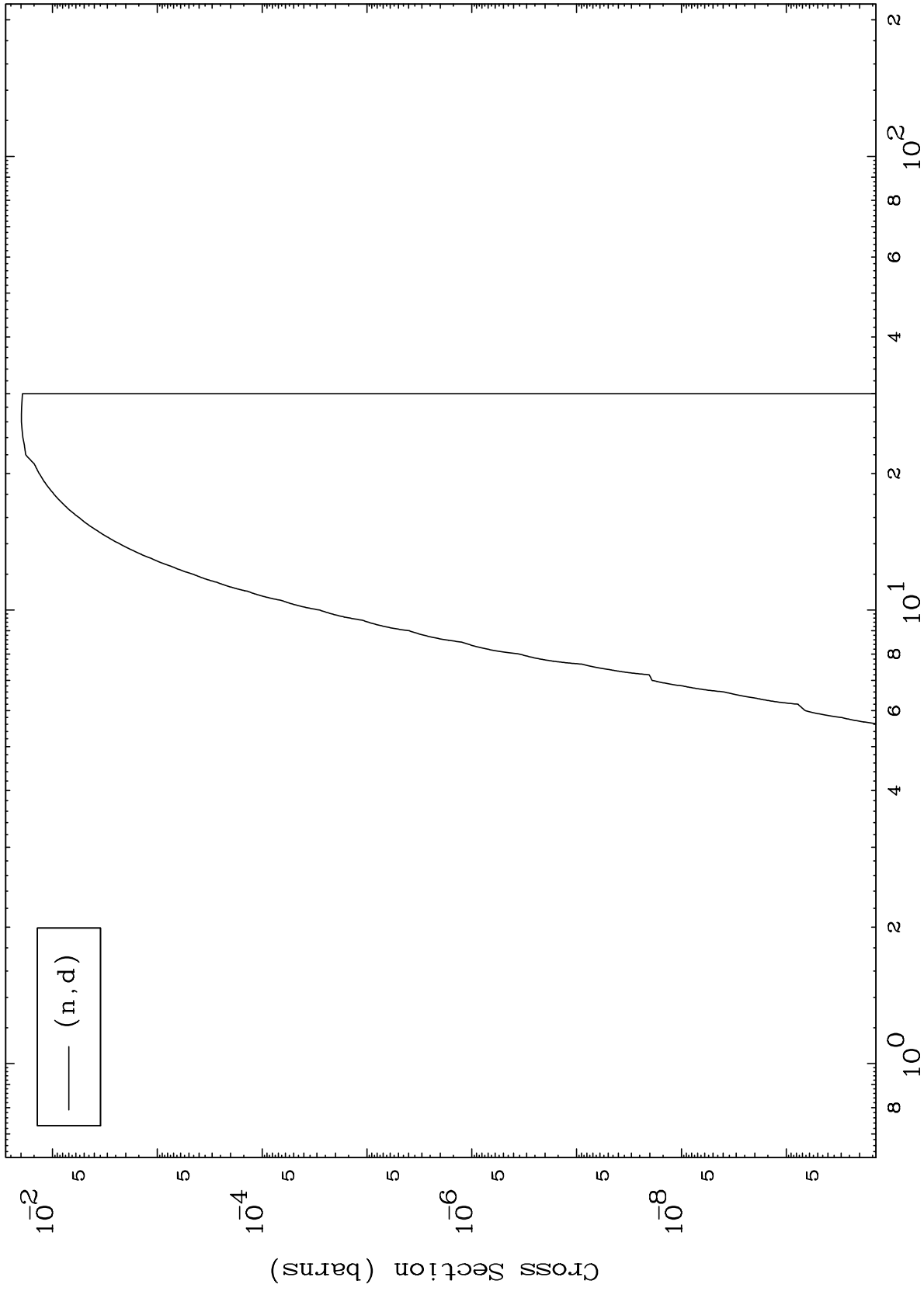
85-At-210

— (n, p)

MAT 8546

(n,d) Levels
293 Kelvin Cross Sections

85-At-210



11

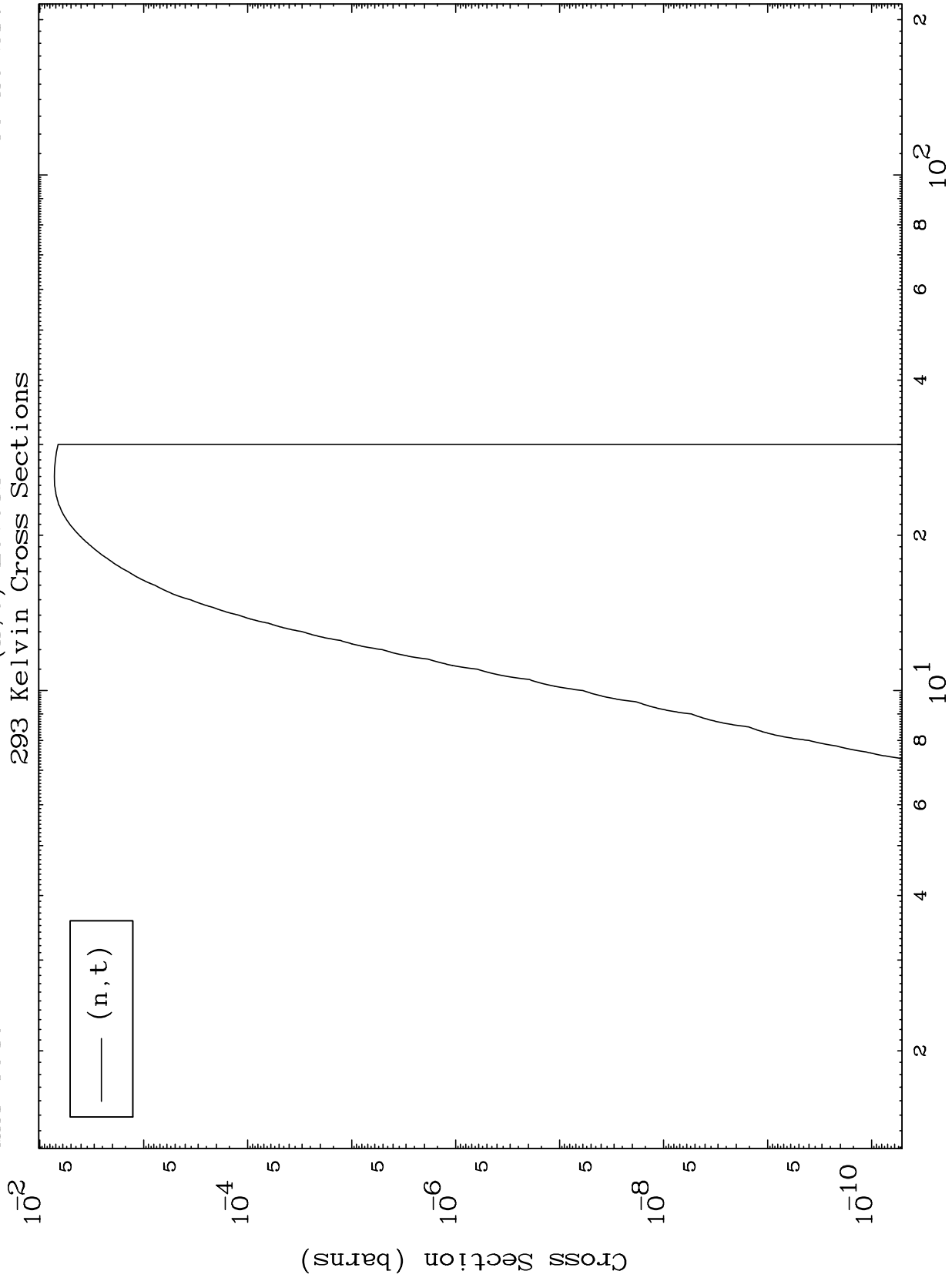
Incident Energy (MeV)

85-At-210

MAT 8546

(n,t) Levels
293 Kelvin Cross Sections

85-At-210



12

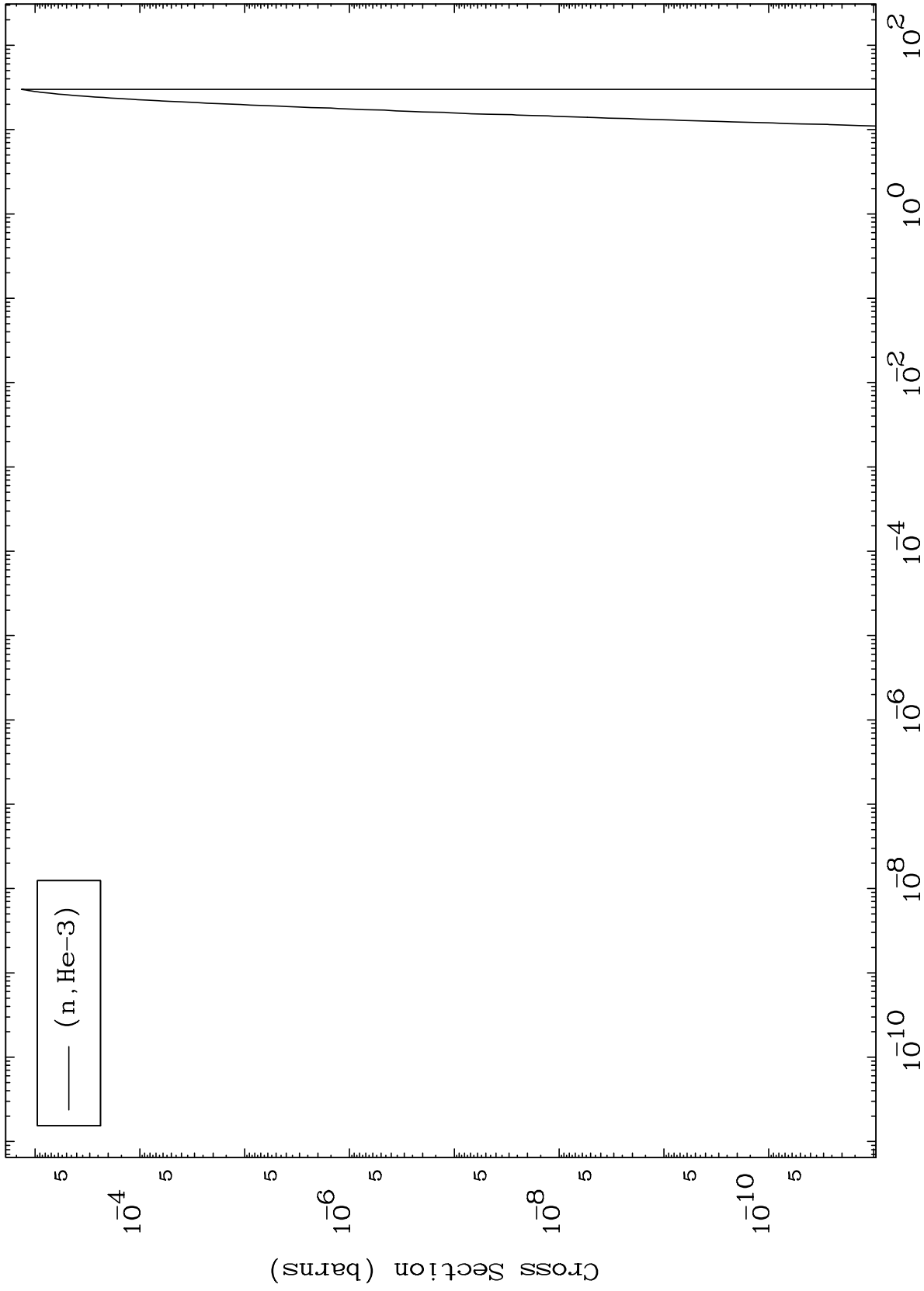
Incident Energy (MeV)

85-At-210

MAT 8546

(n,He3) Levels
293 Kelvin Cross Sections

85-At-210



13

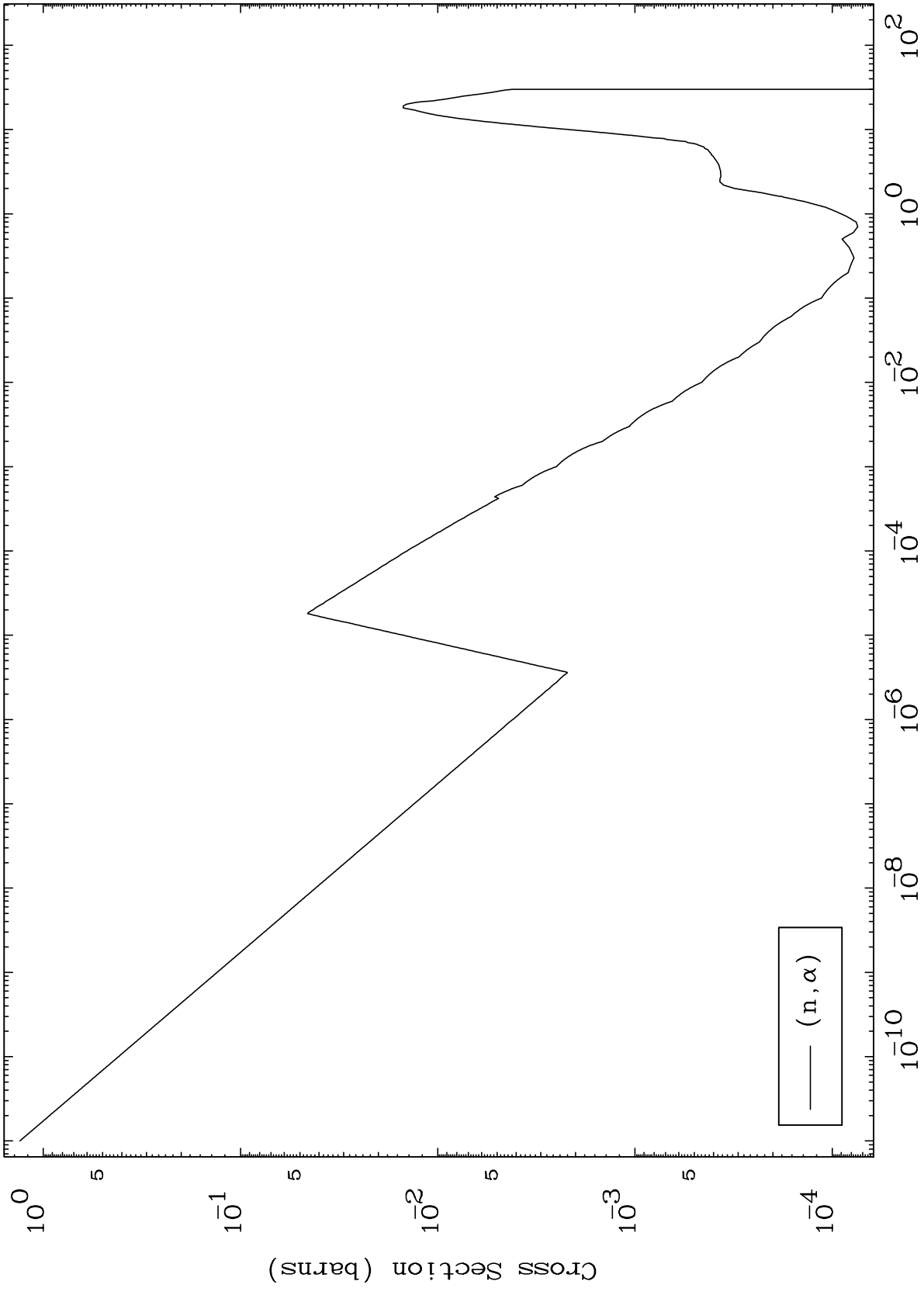
Incident Energy (MeV)

85-At-210

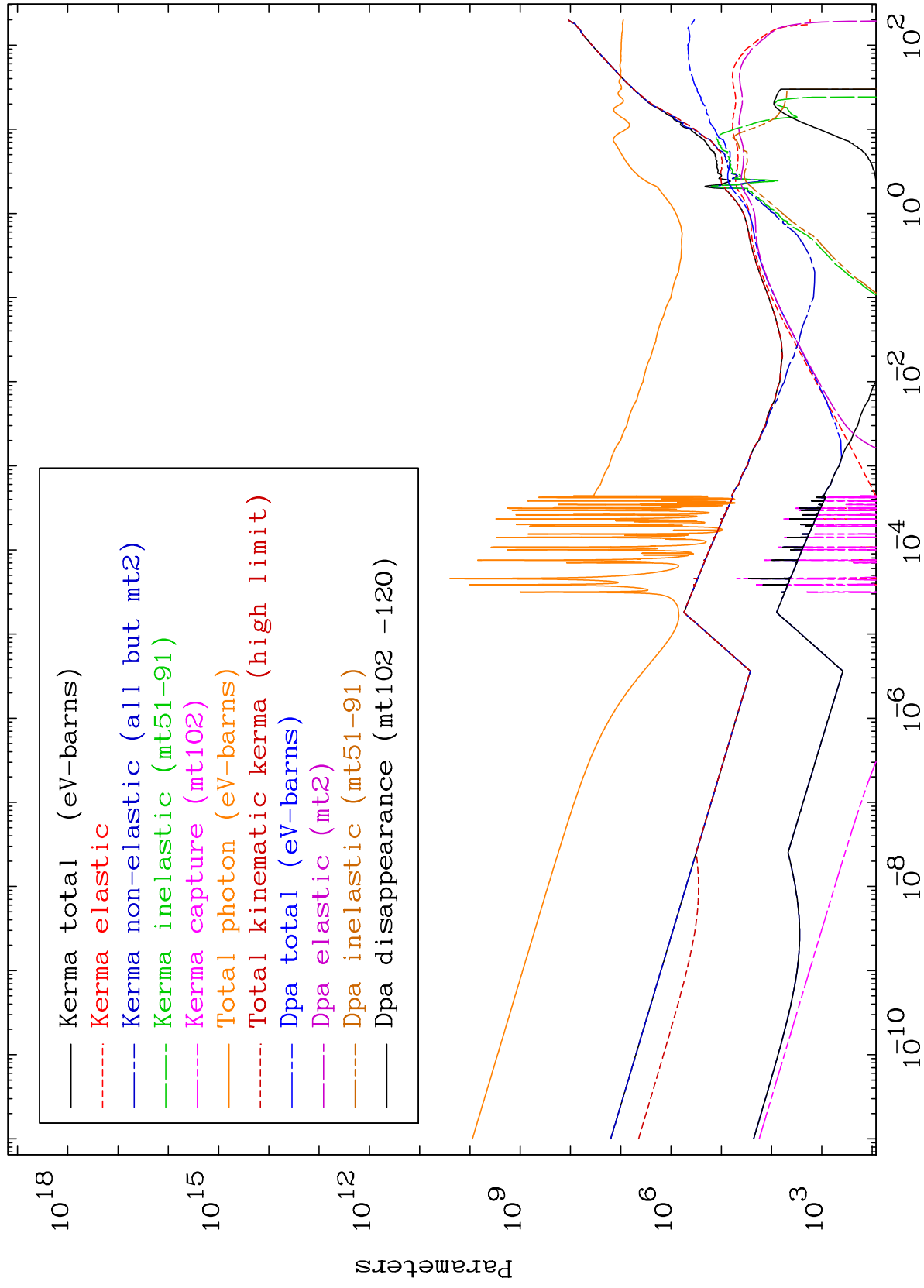
MAT 8546

(n, α) Levels
293 Kelvin Cross Sections

85-At-210



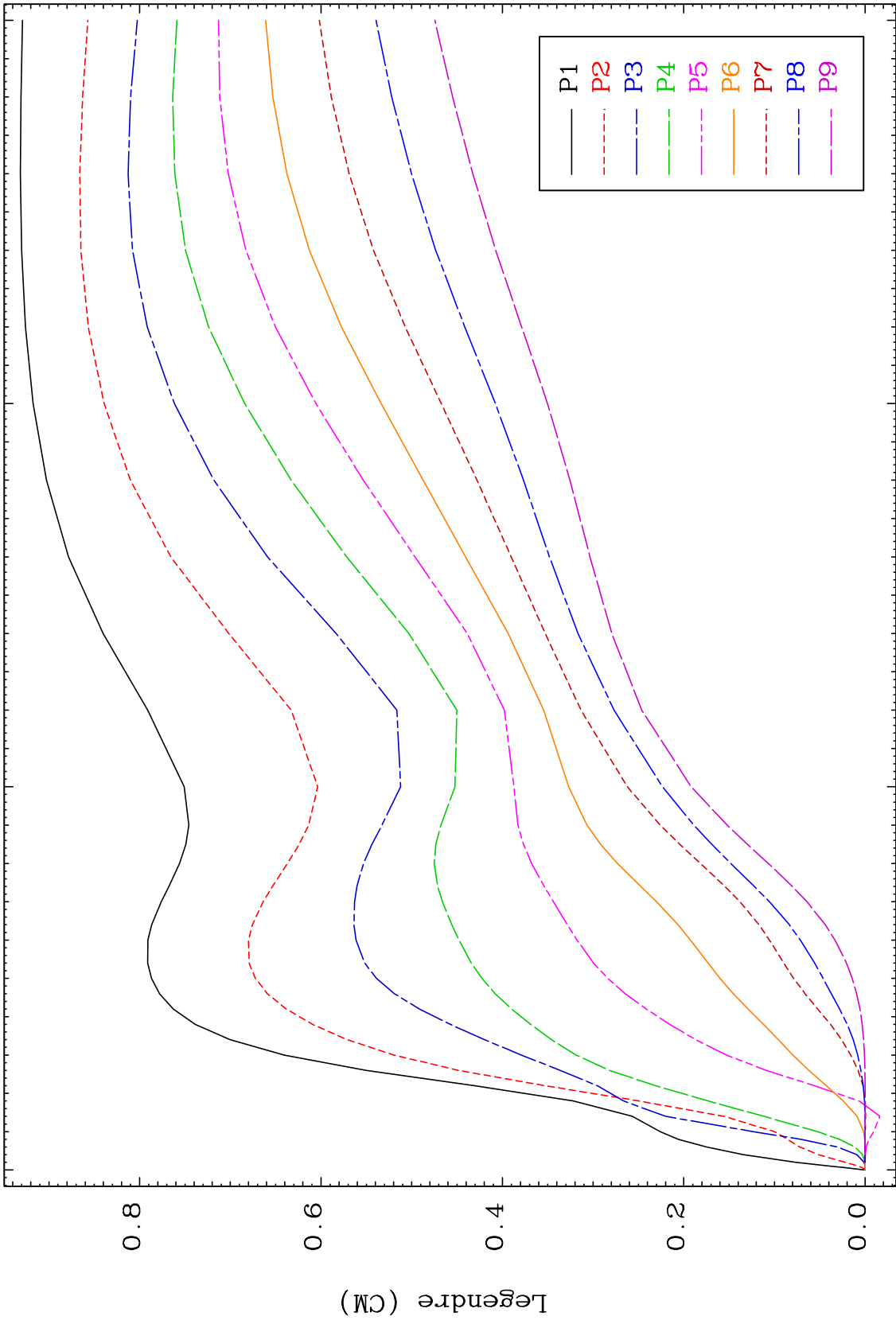
— (n, α)



MAT 8546

Elastic Legendre Coefficients

85-At-210



16

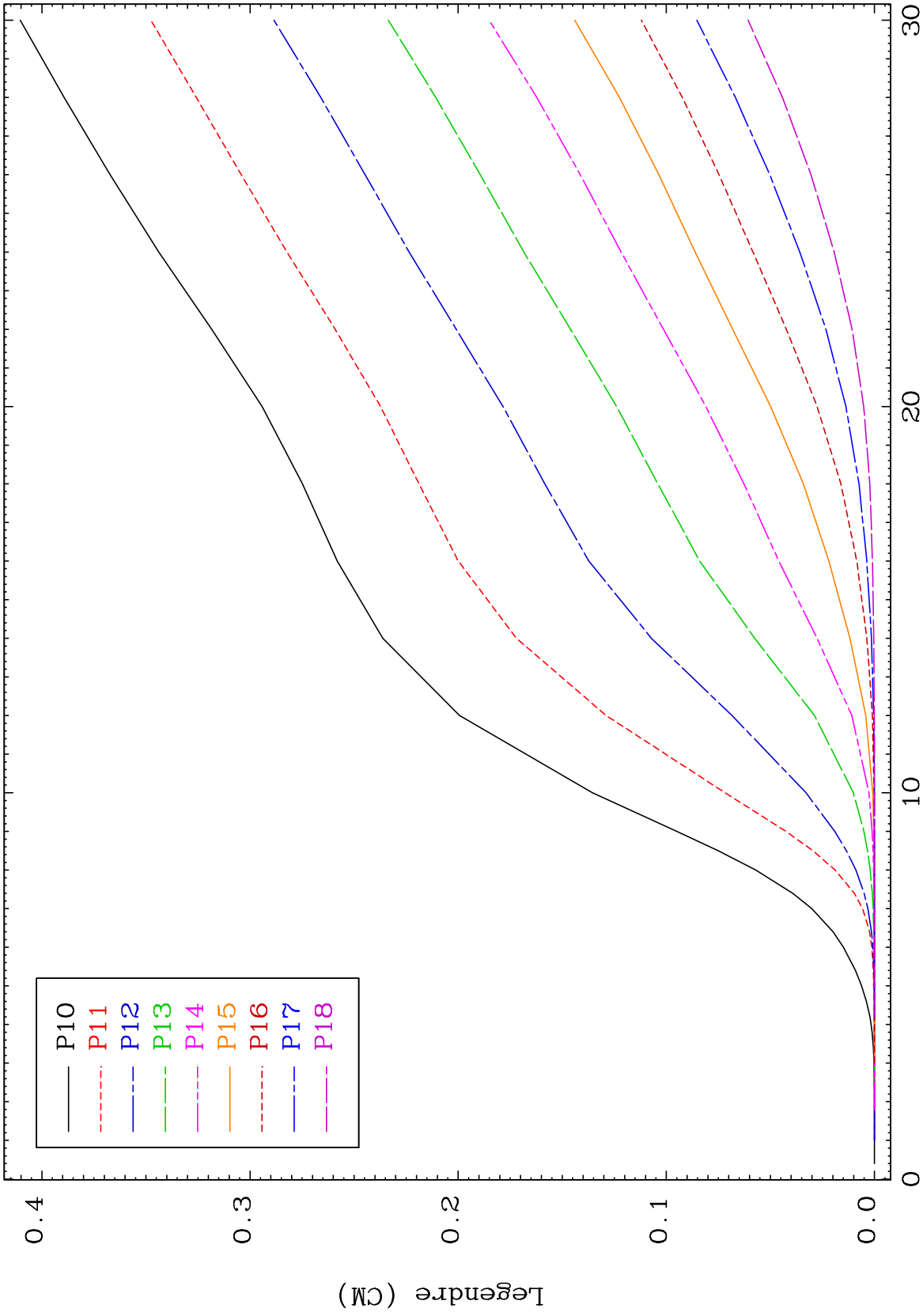
Incident Energy (MeV)

85-At-210

MAT 8546

Elastic Legendre Coefficients

85-At-210



17

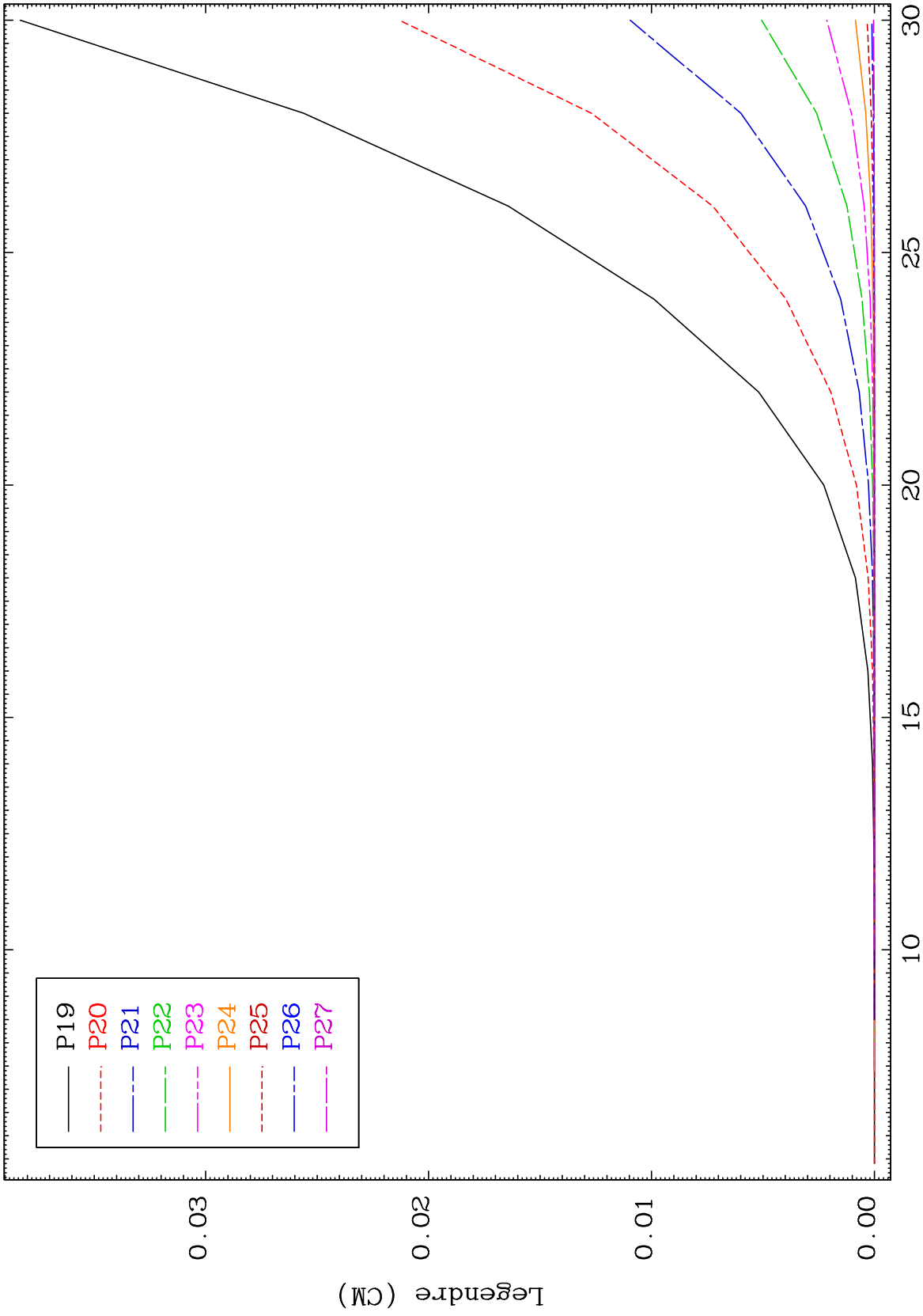
Incident Energy (MeV)

85-At-210

MAT 8546

Elastic
Legendre Coefficients

85-At-210



18

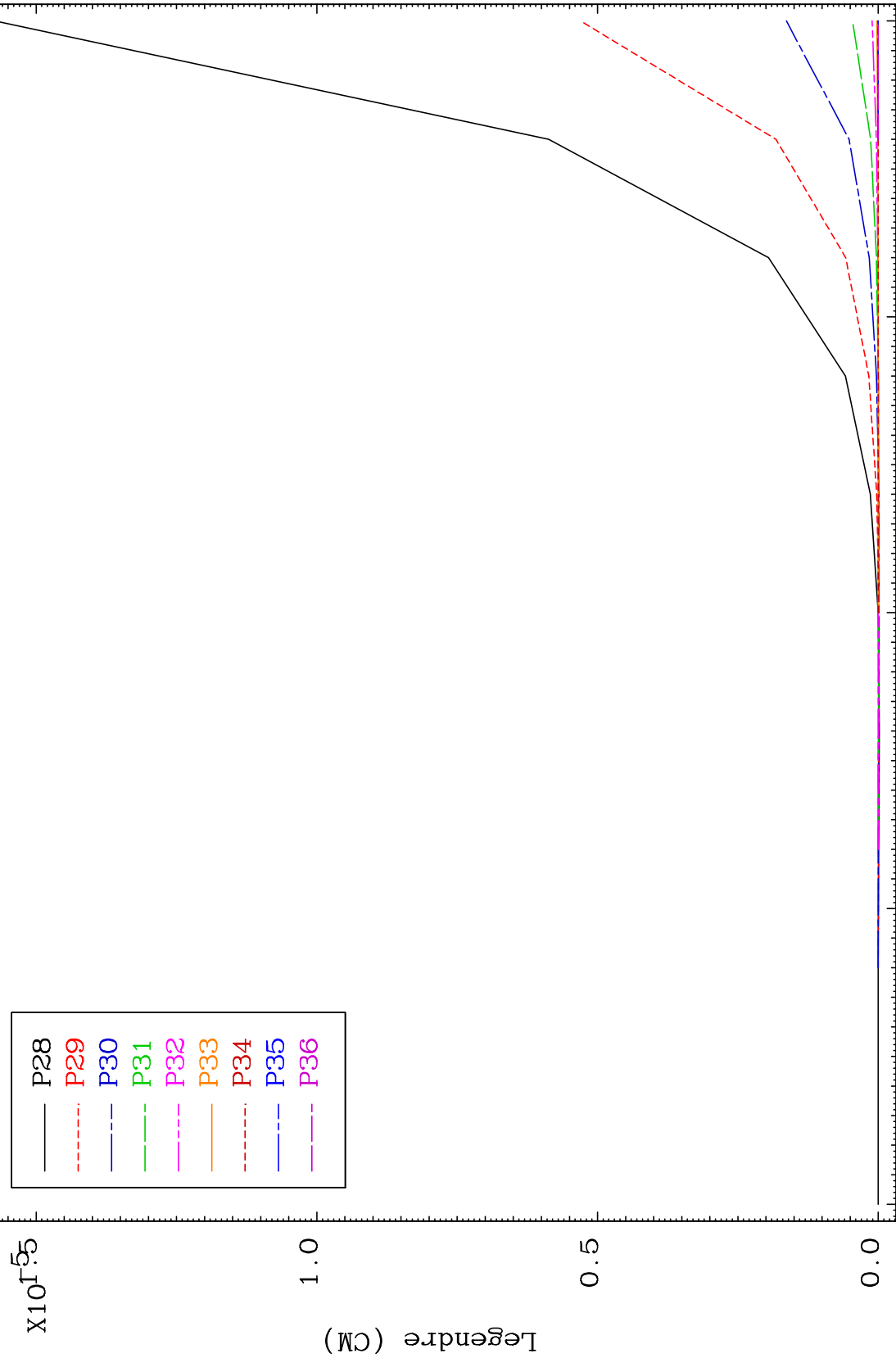
Incident Energy (MeV)

85-At-210

MAT 8546

Elastic Legendre Coefficients

85-At-210



19

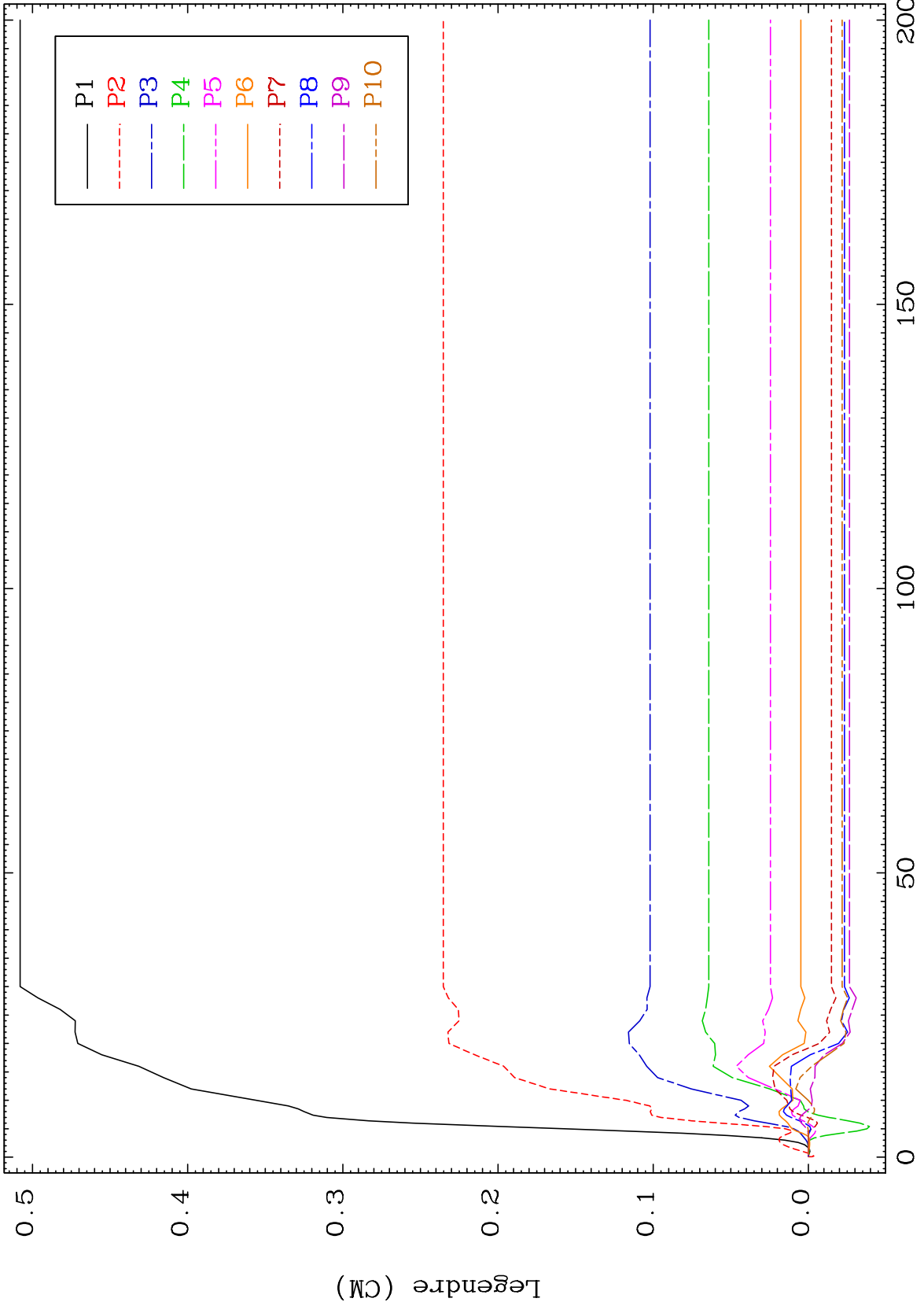
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



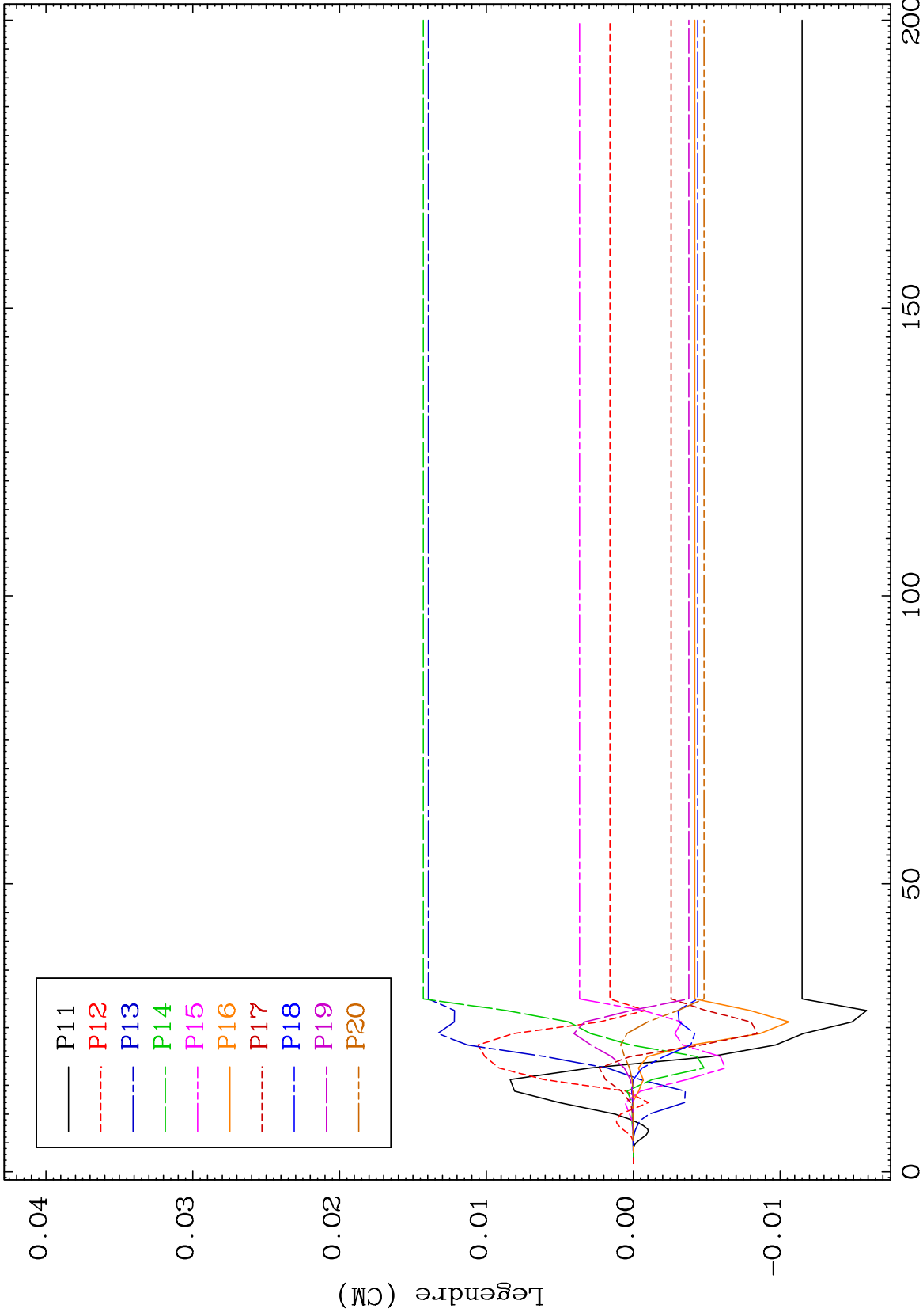
85-At-210

Incident Energy (MeV)

MAT 8546

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

85-At-210



21

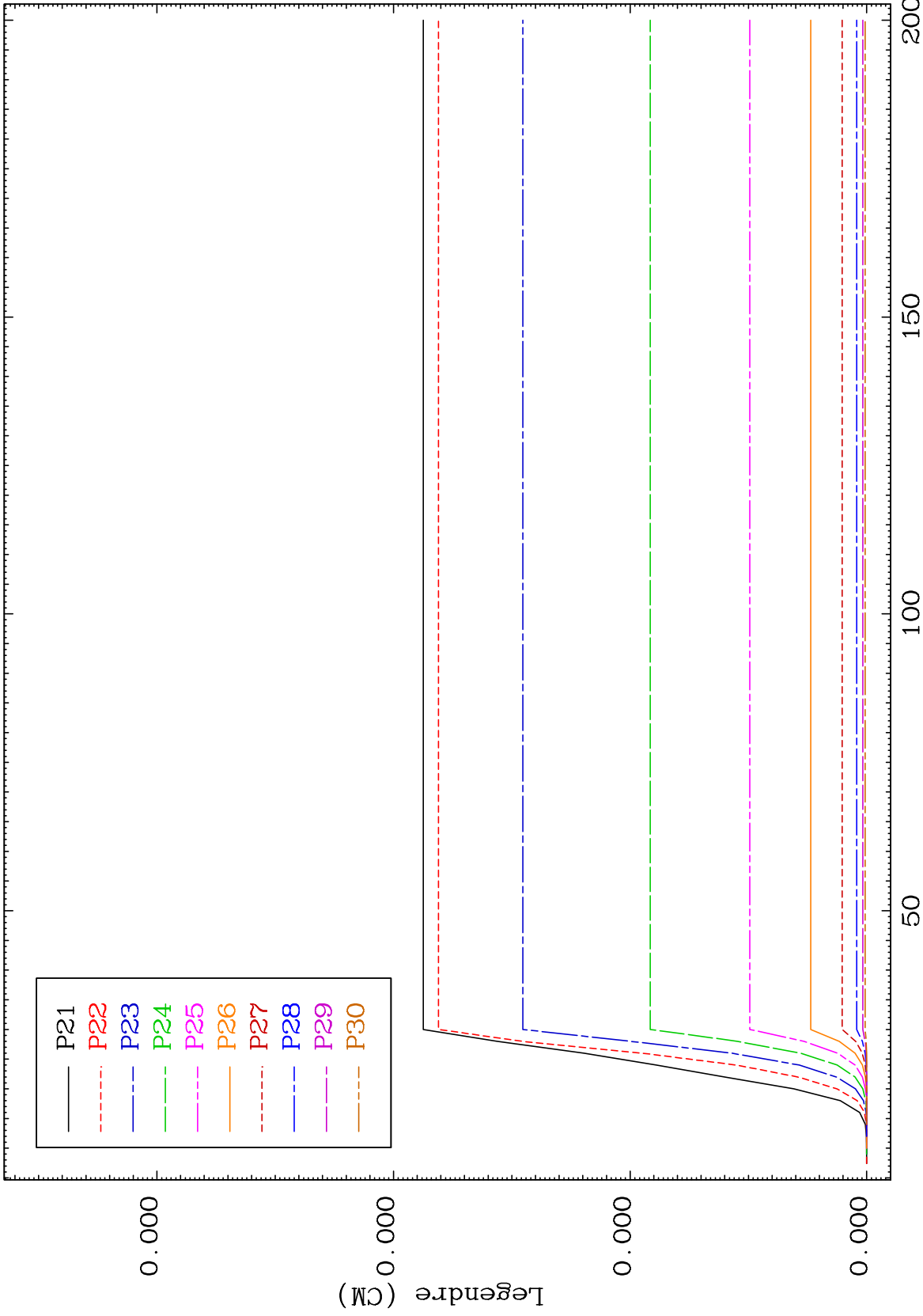
85-At-210

85-At-210

MAT 8546

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

85-At-210



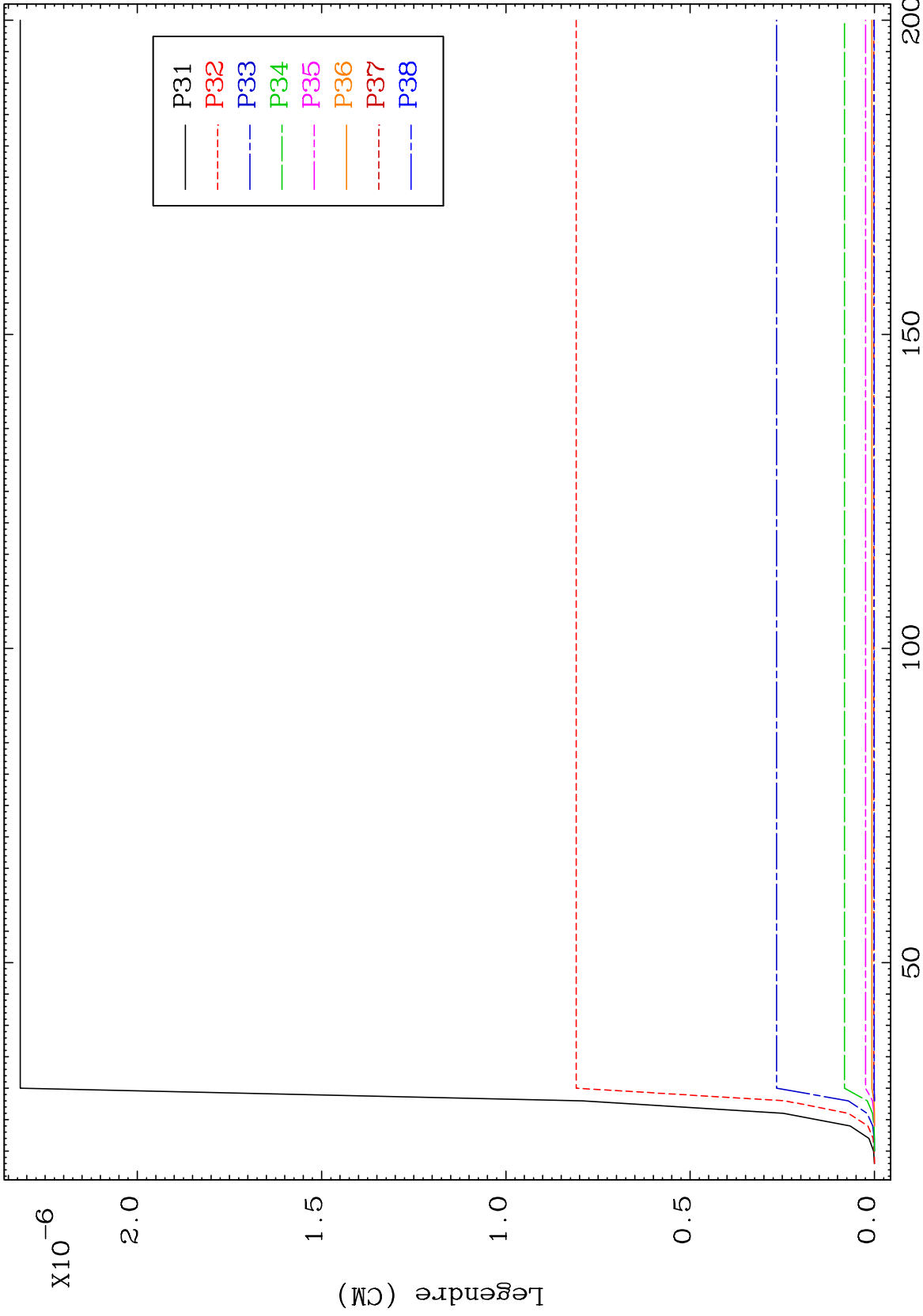
22

85-At-210

MAT 8546

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

85-At-210



23

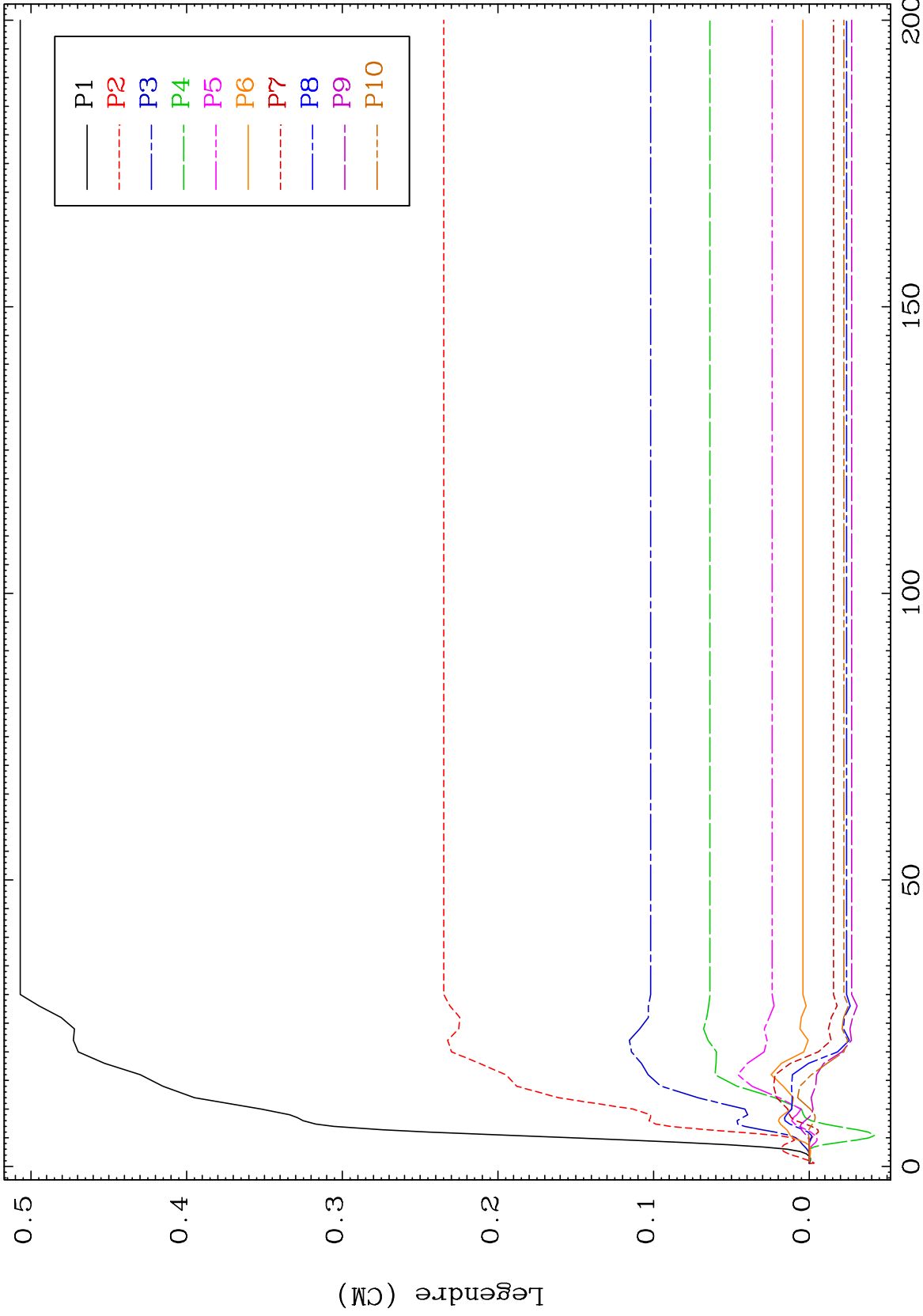
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



24

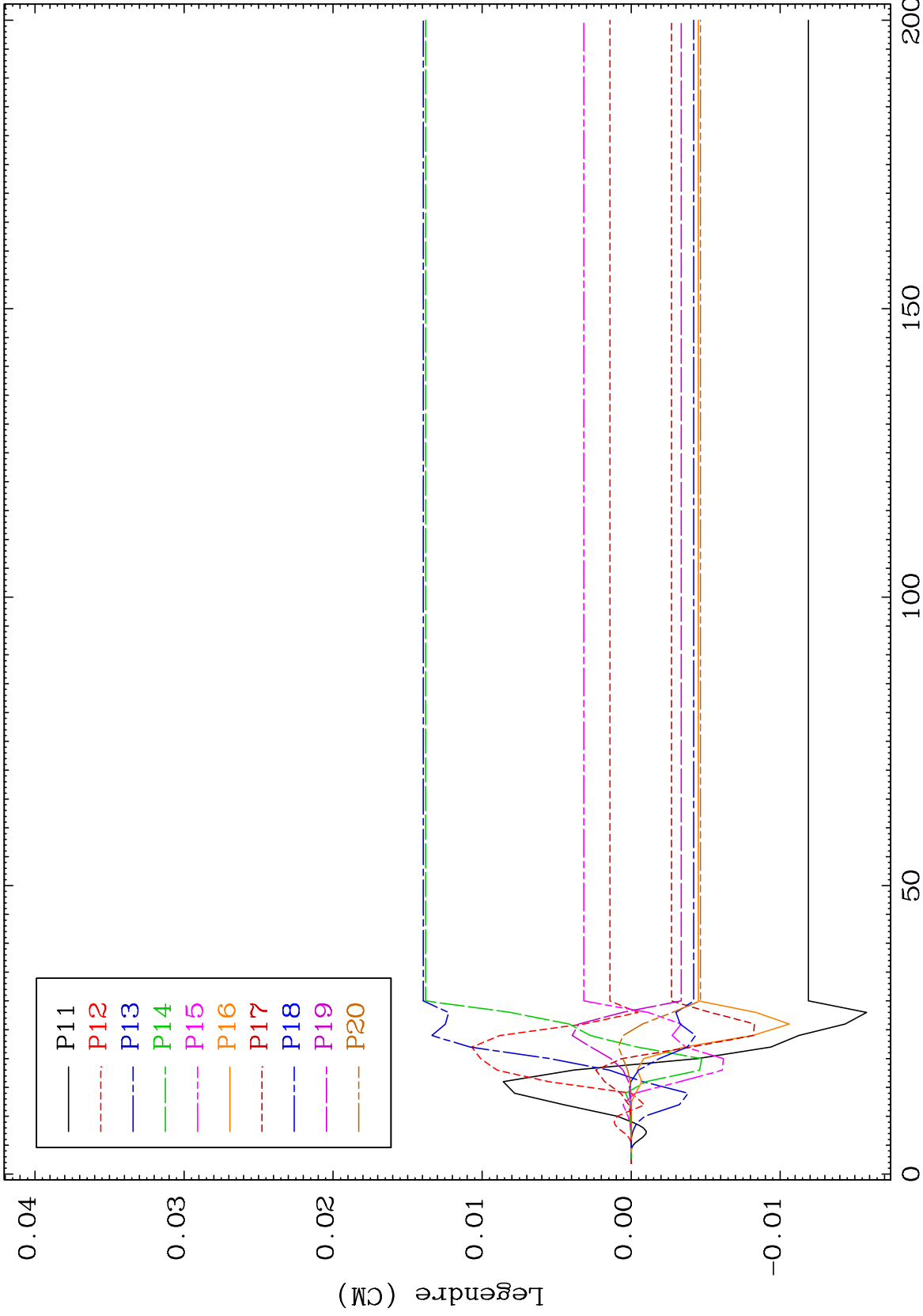
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



25

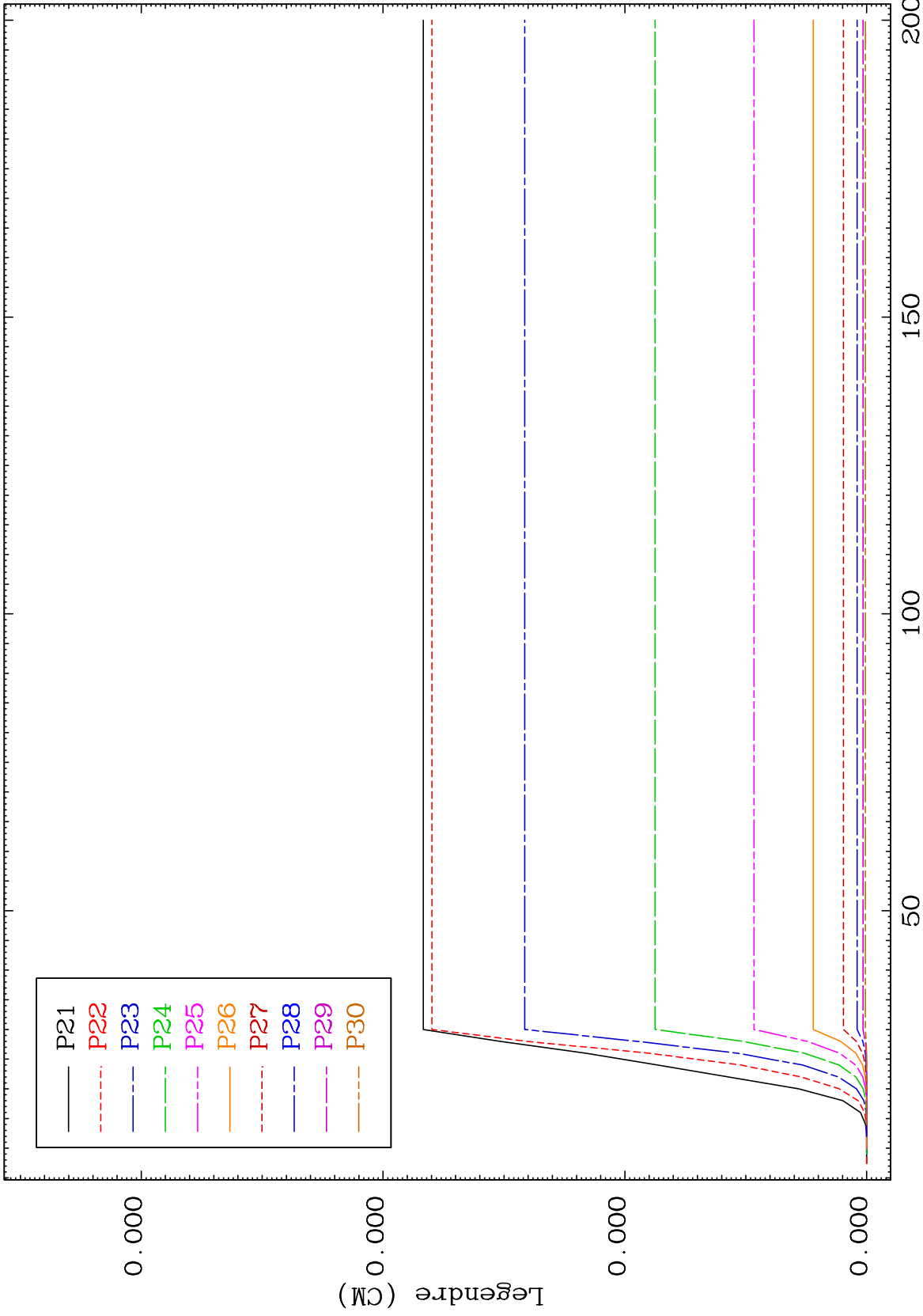
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



26

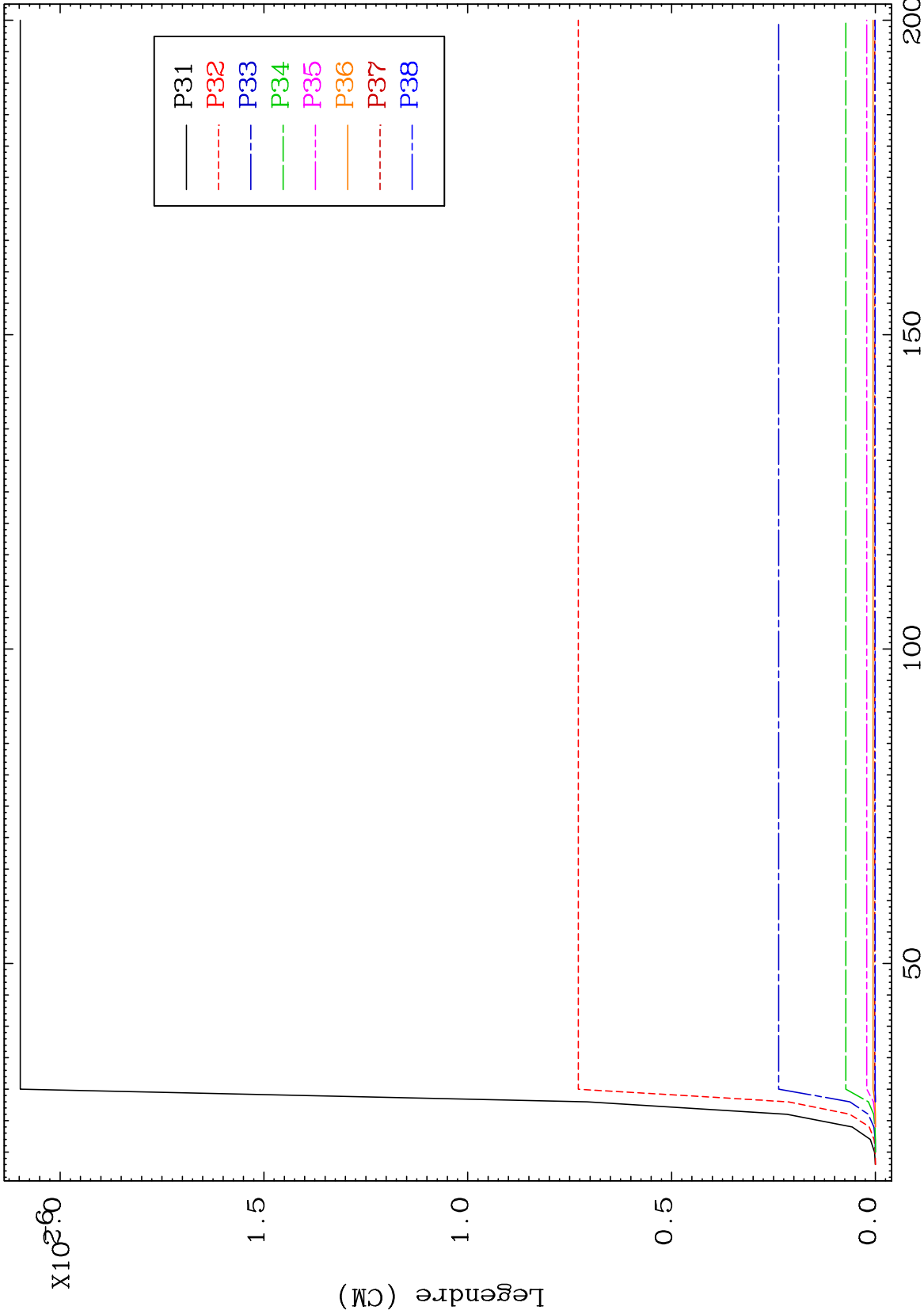
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



27

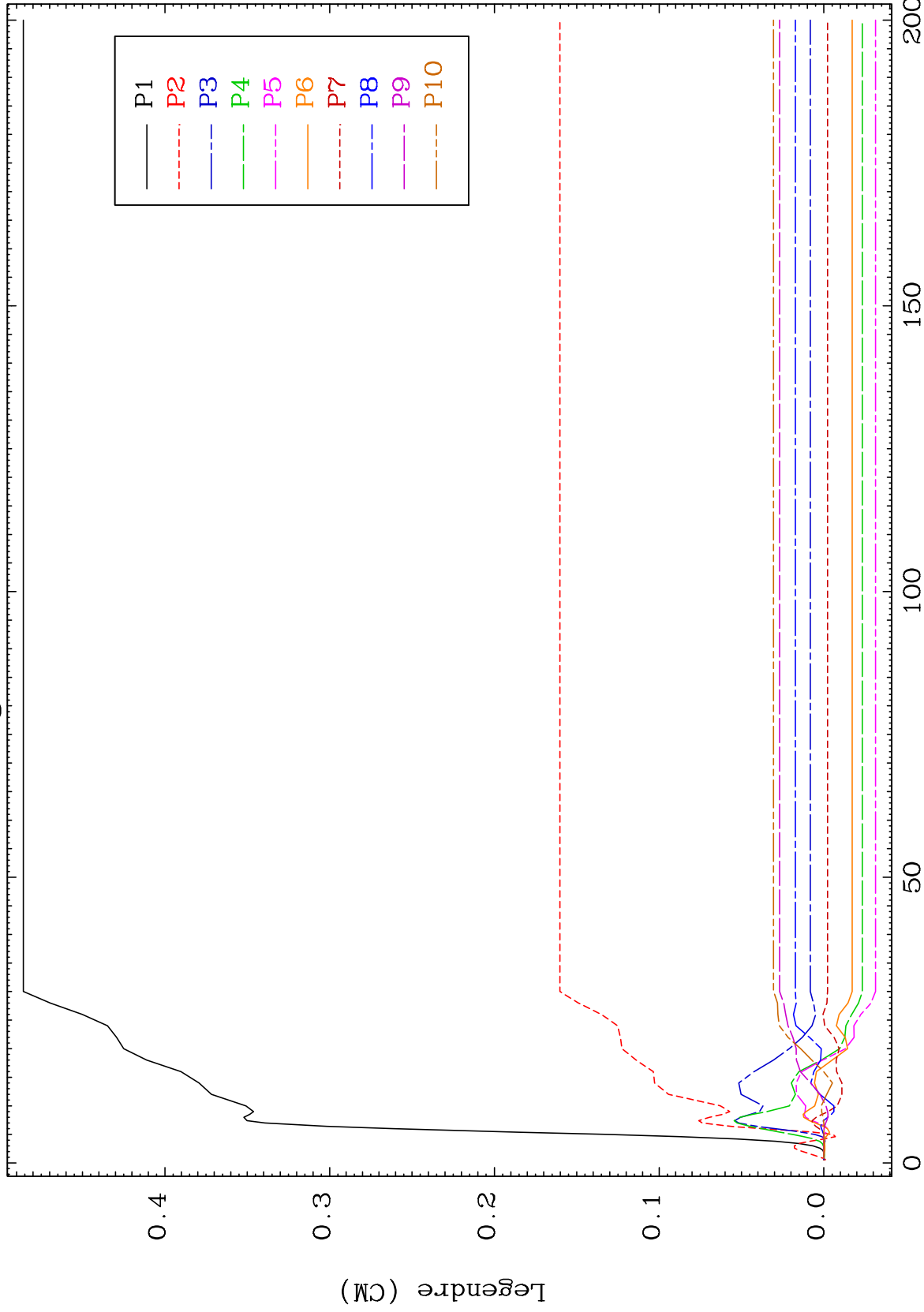
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



28

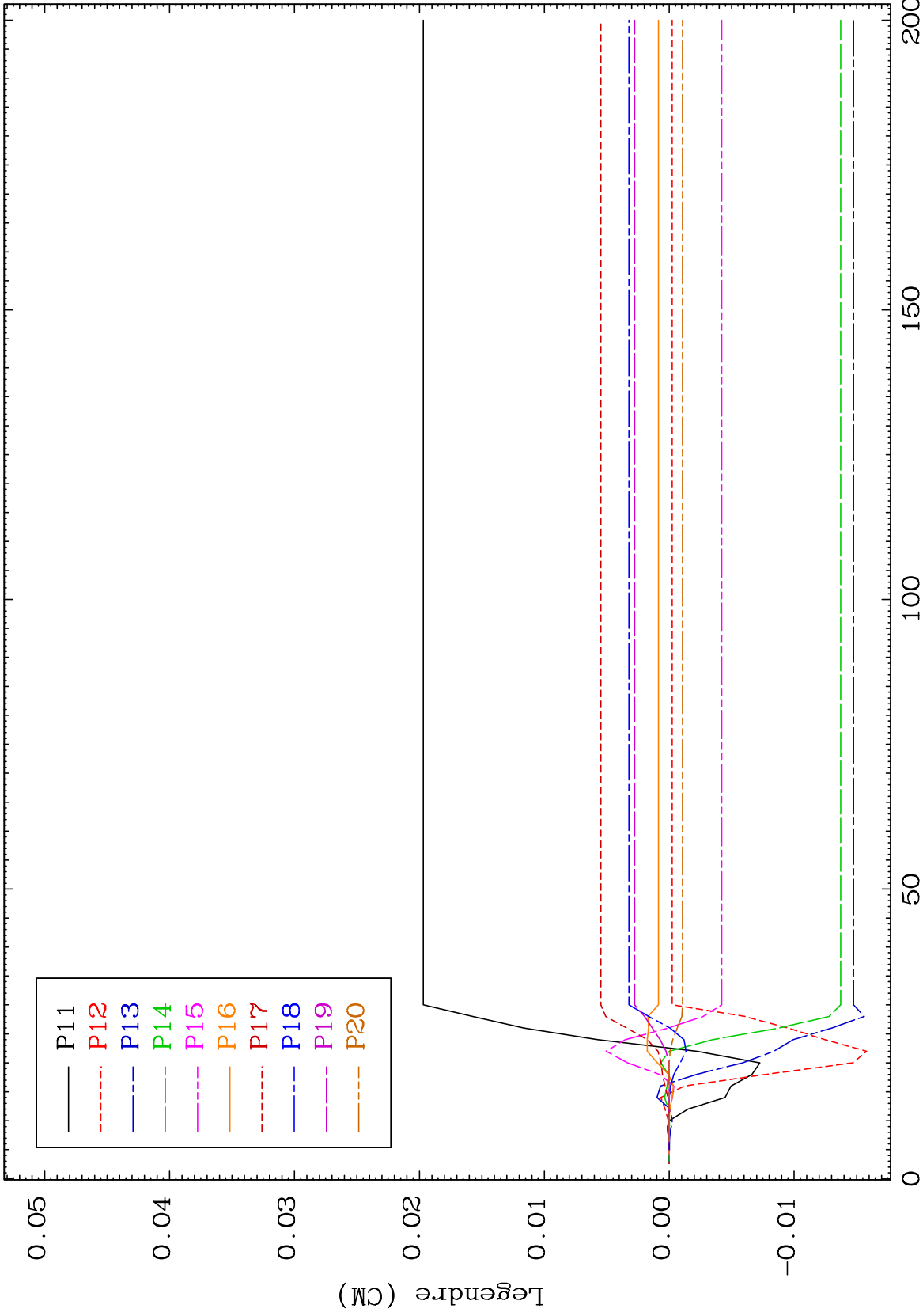
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



29

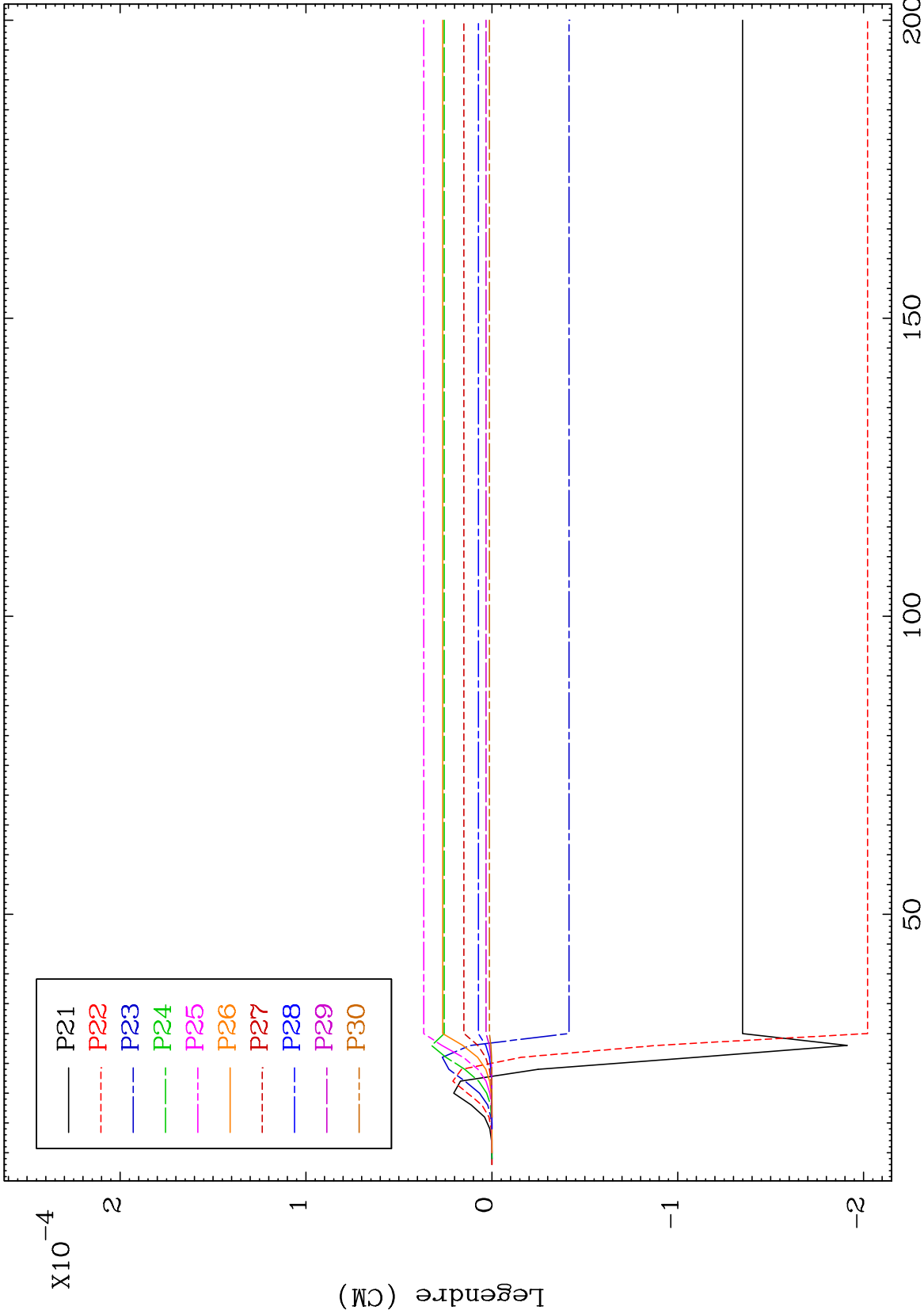
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



30

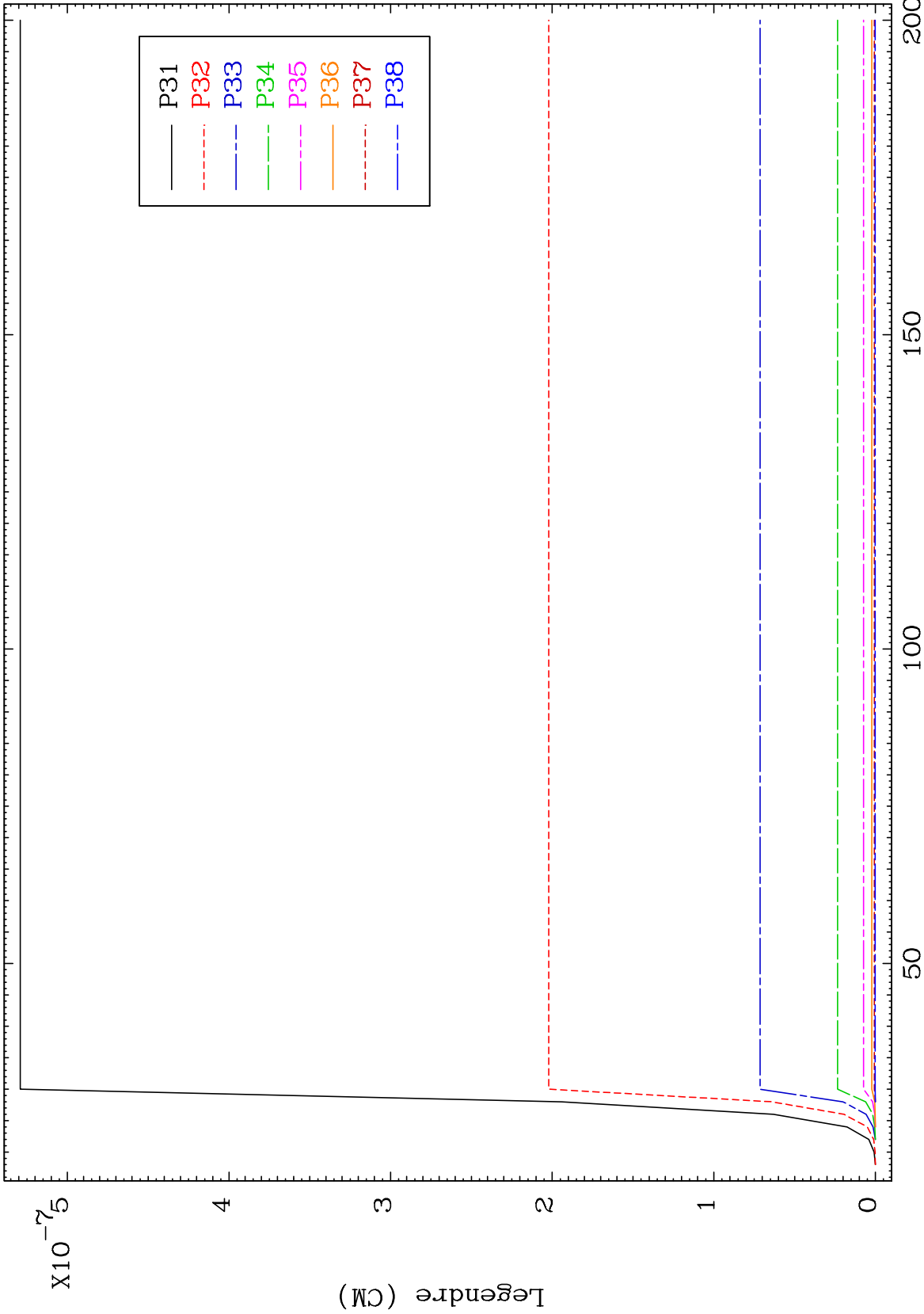
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



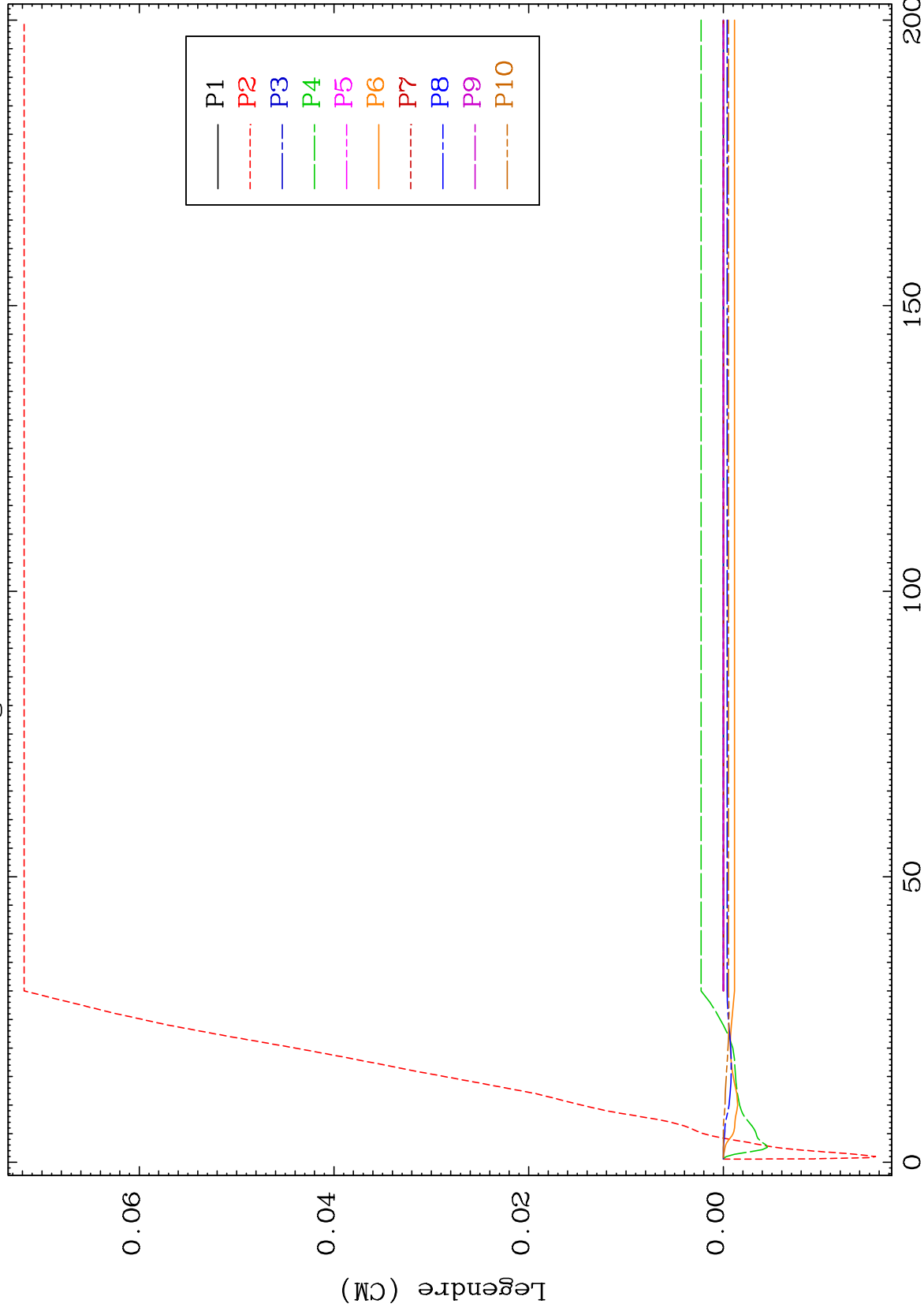
31

85-At-210

MAT 8546

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

85-At-210



32

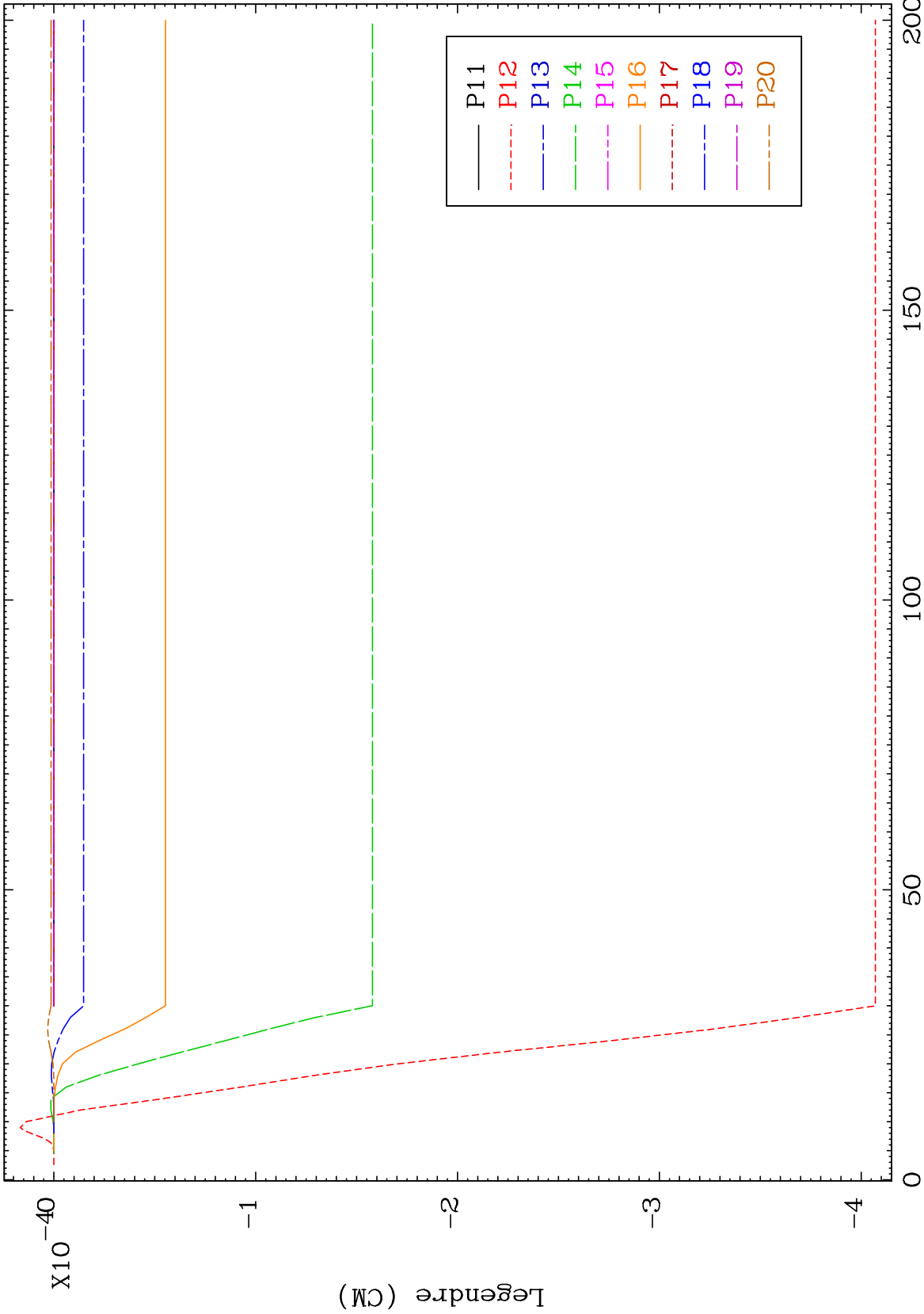
Incident Energy (MeV)

85-At-210

MAT 8546

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

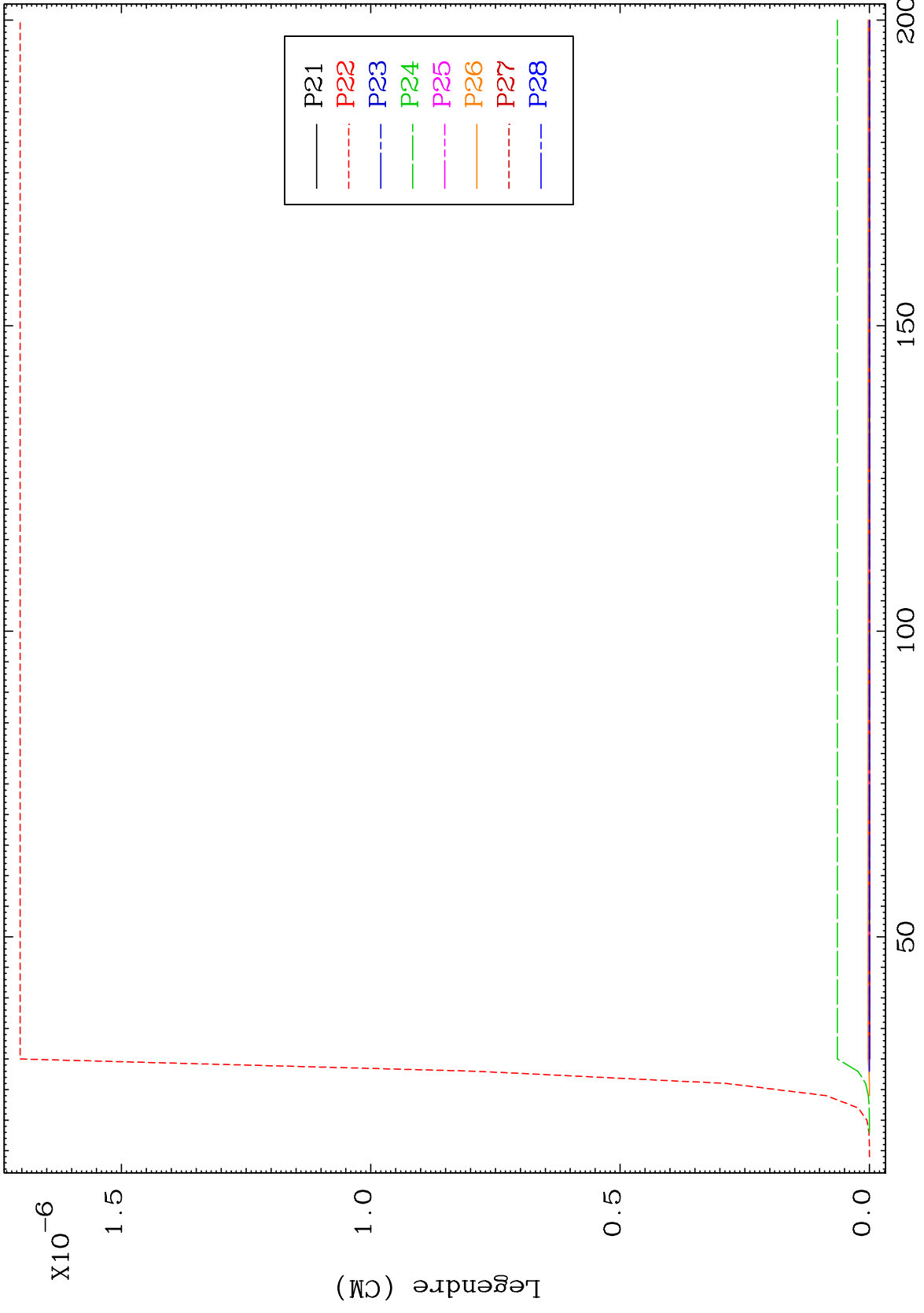
85-At-210



33

85-At-210

MAT 8546 MT= 54 (n,n') Level Legendre Coefficients 85-At-210

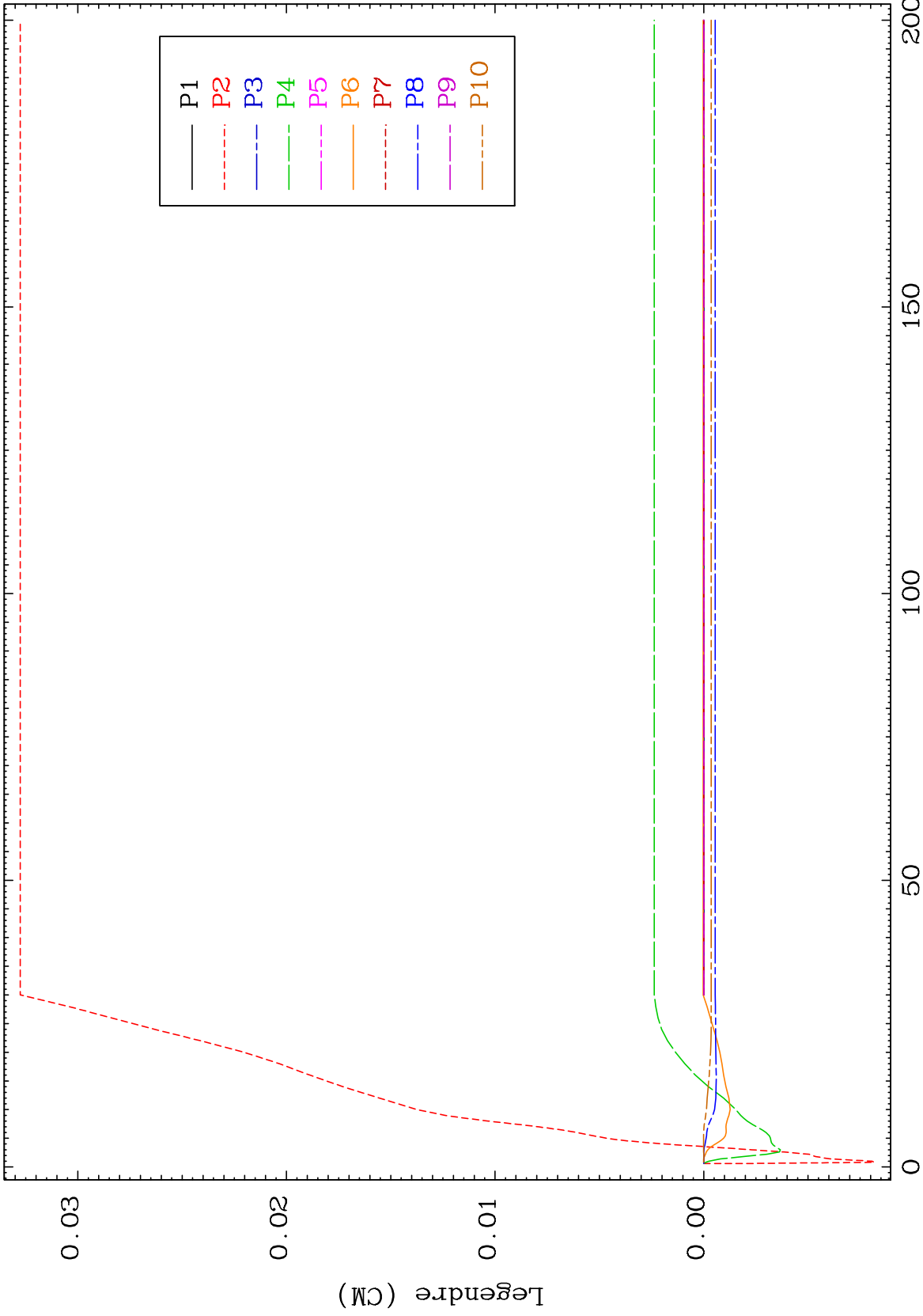


34 85-At-210

MAT 8546

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

85-At-210



35

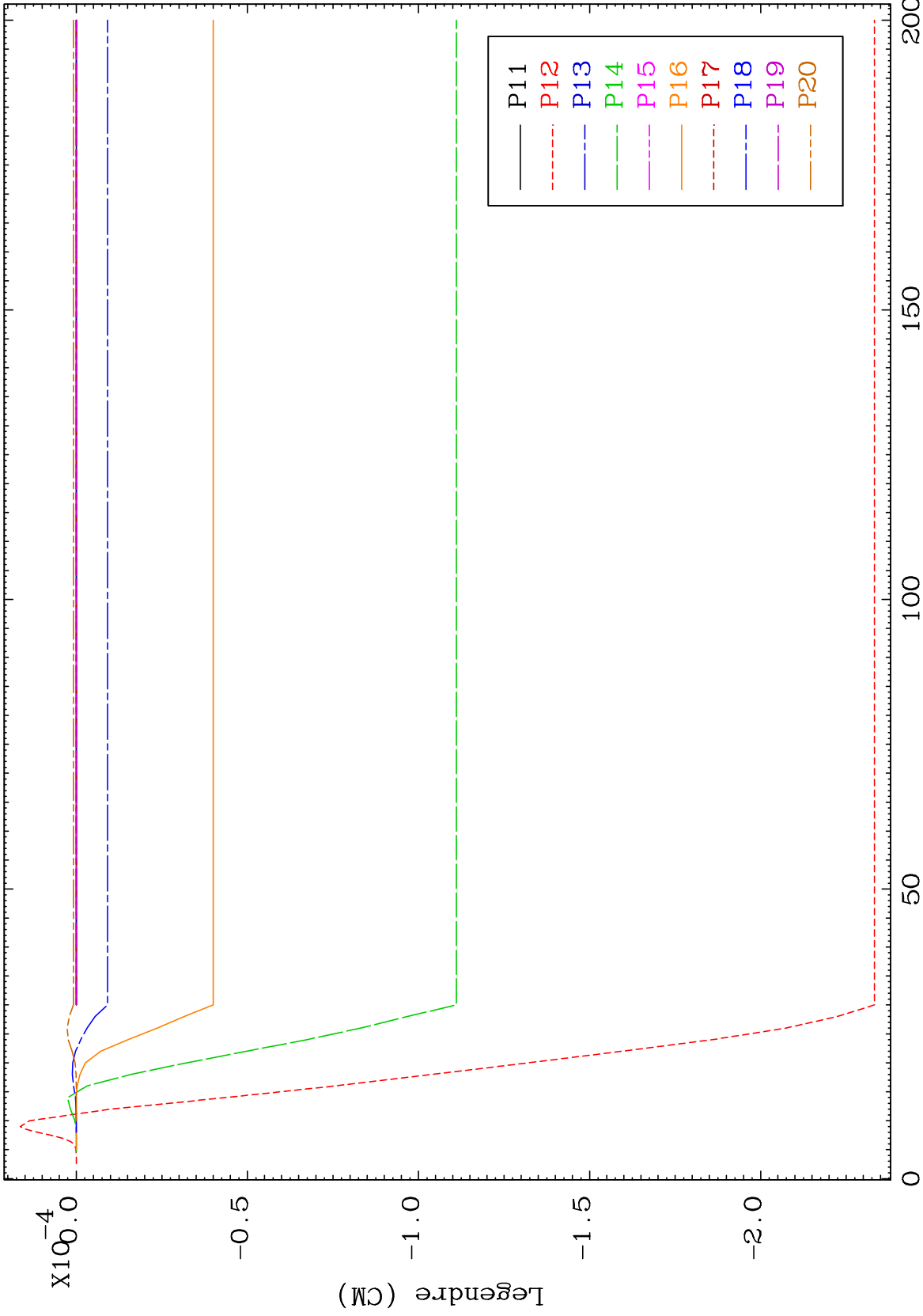
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



36

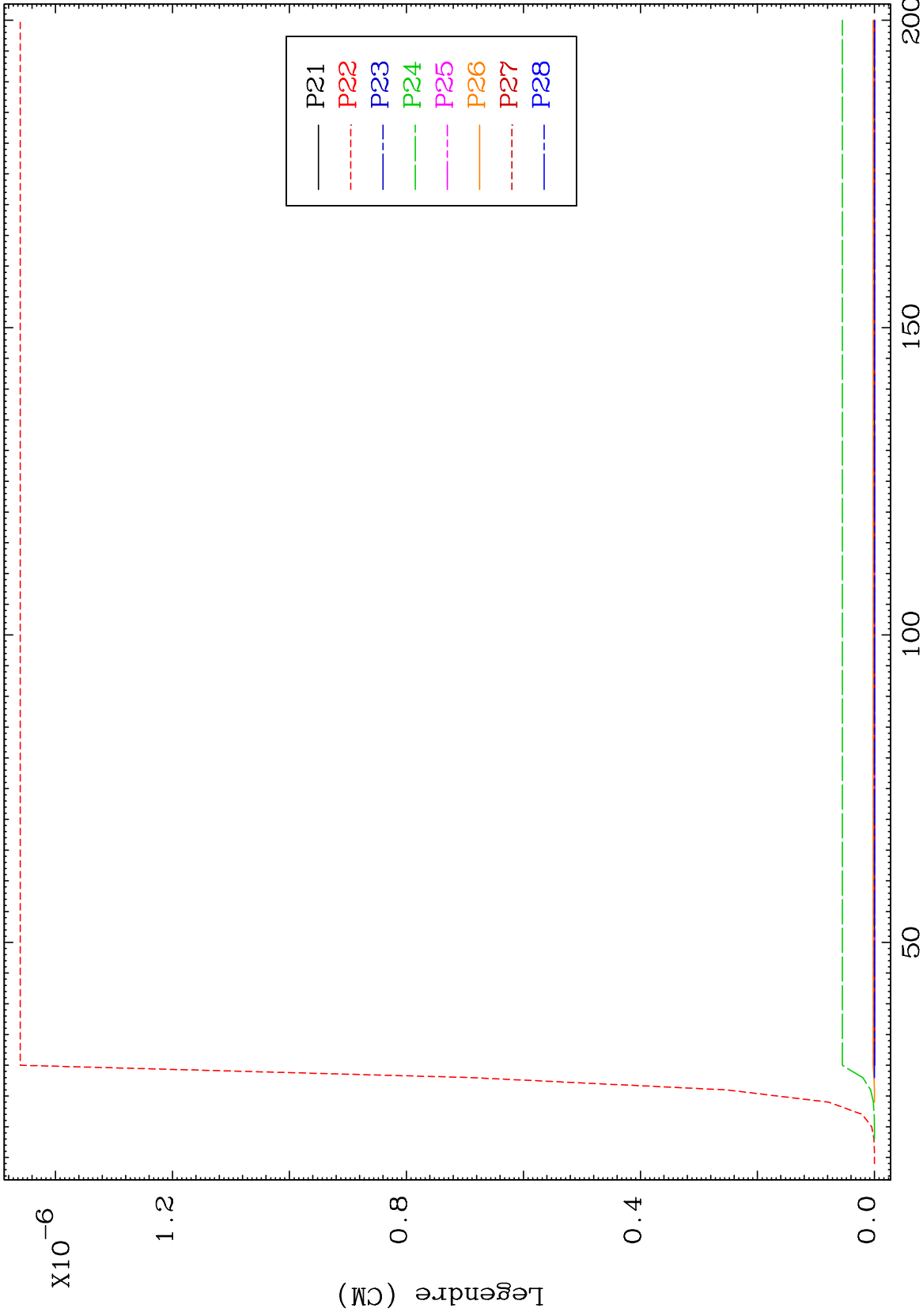
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



37

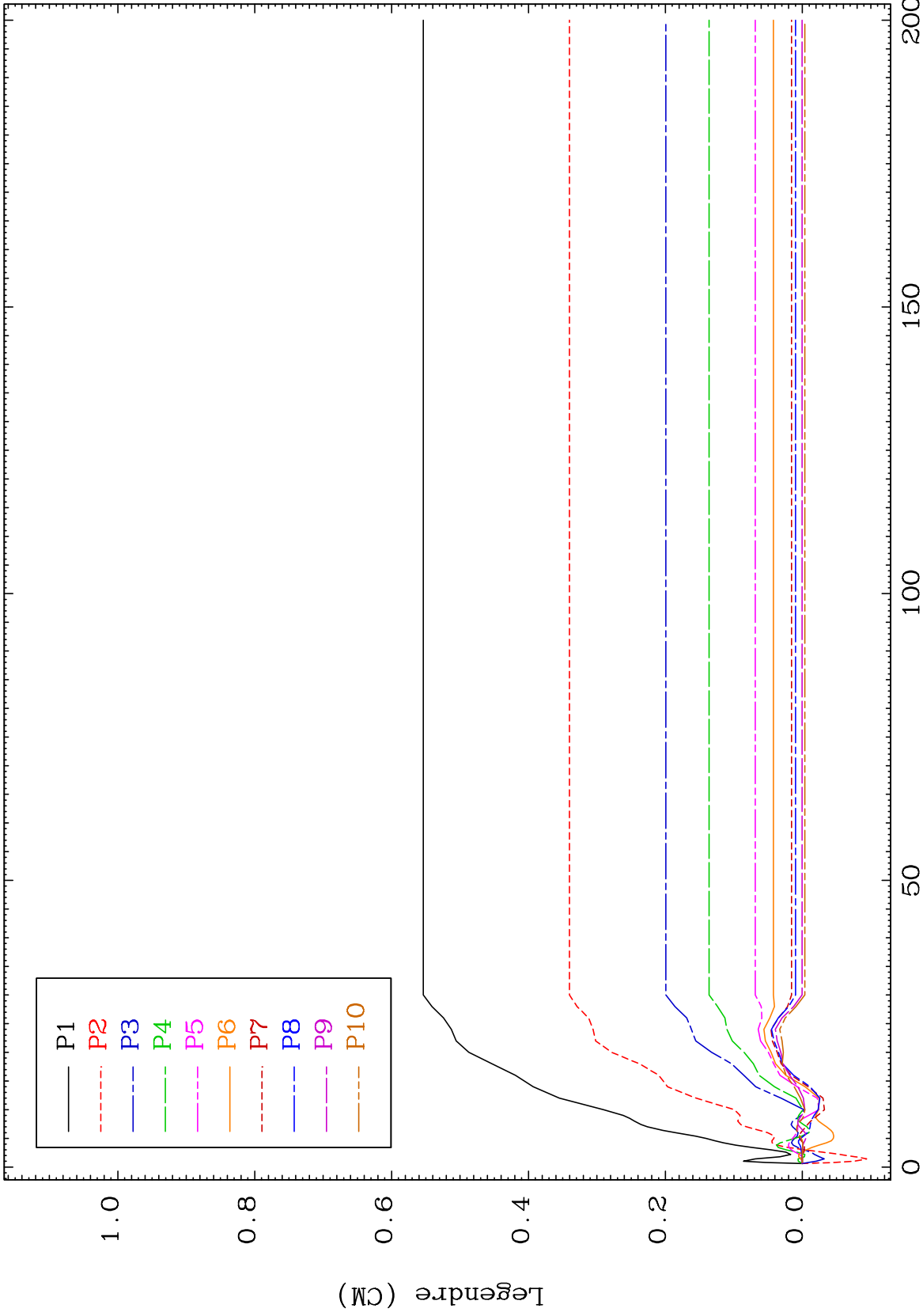
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



38

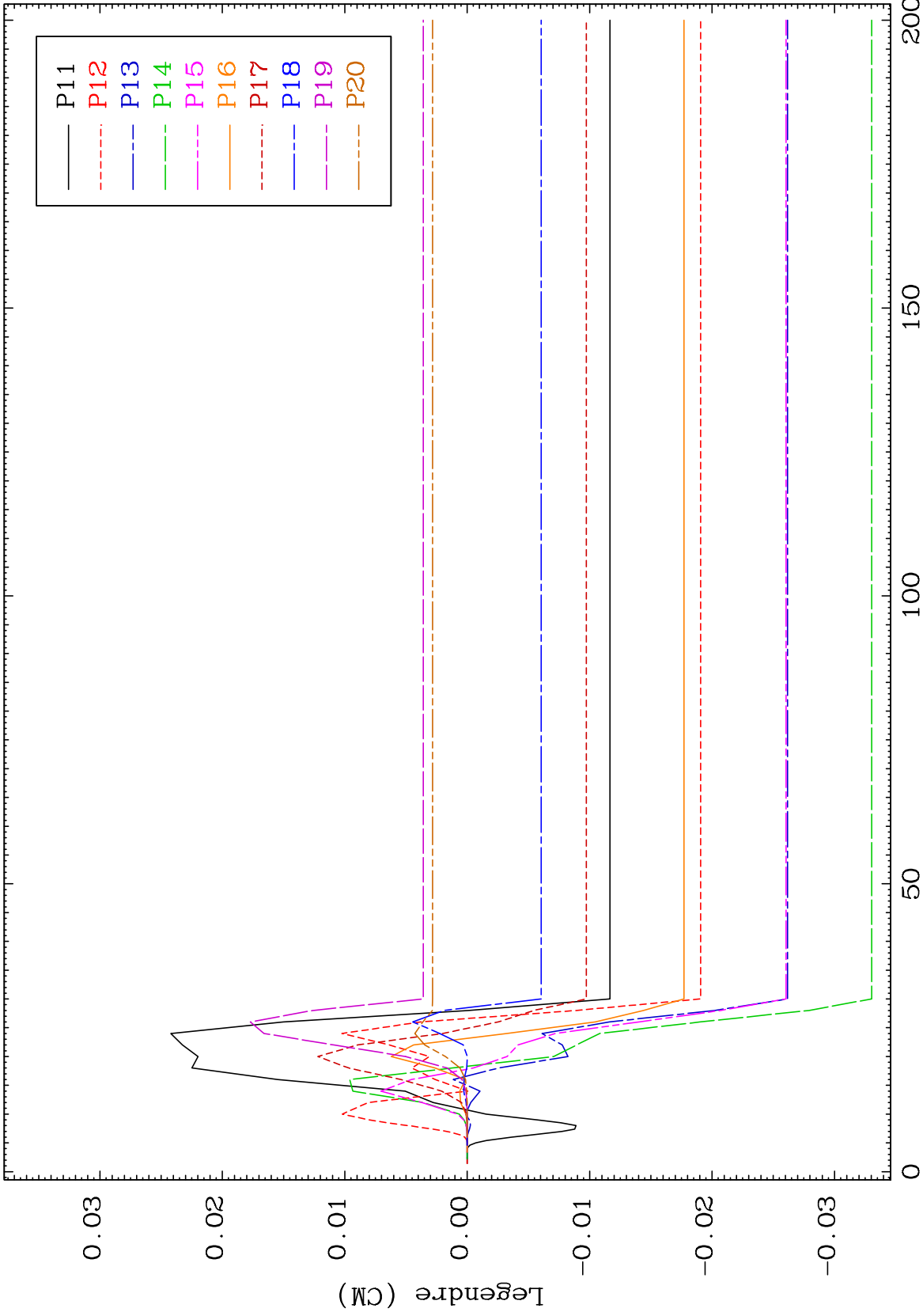
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



39

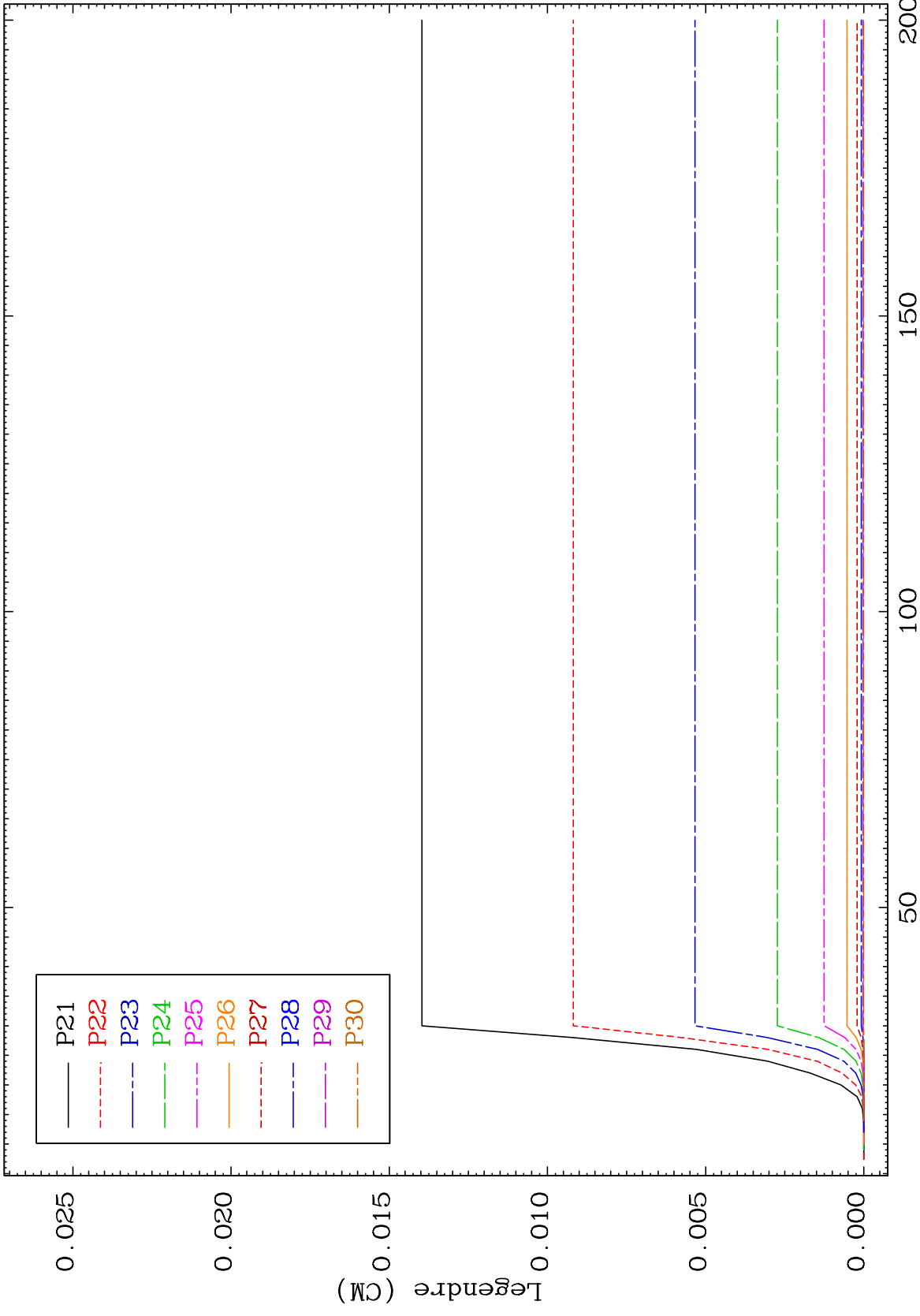
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



40

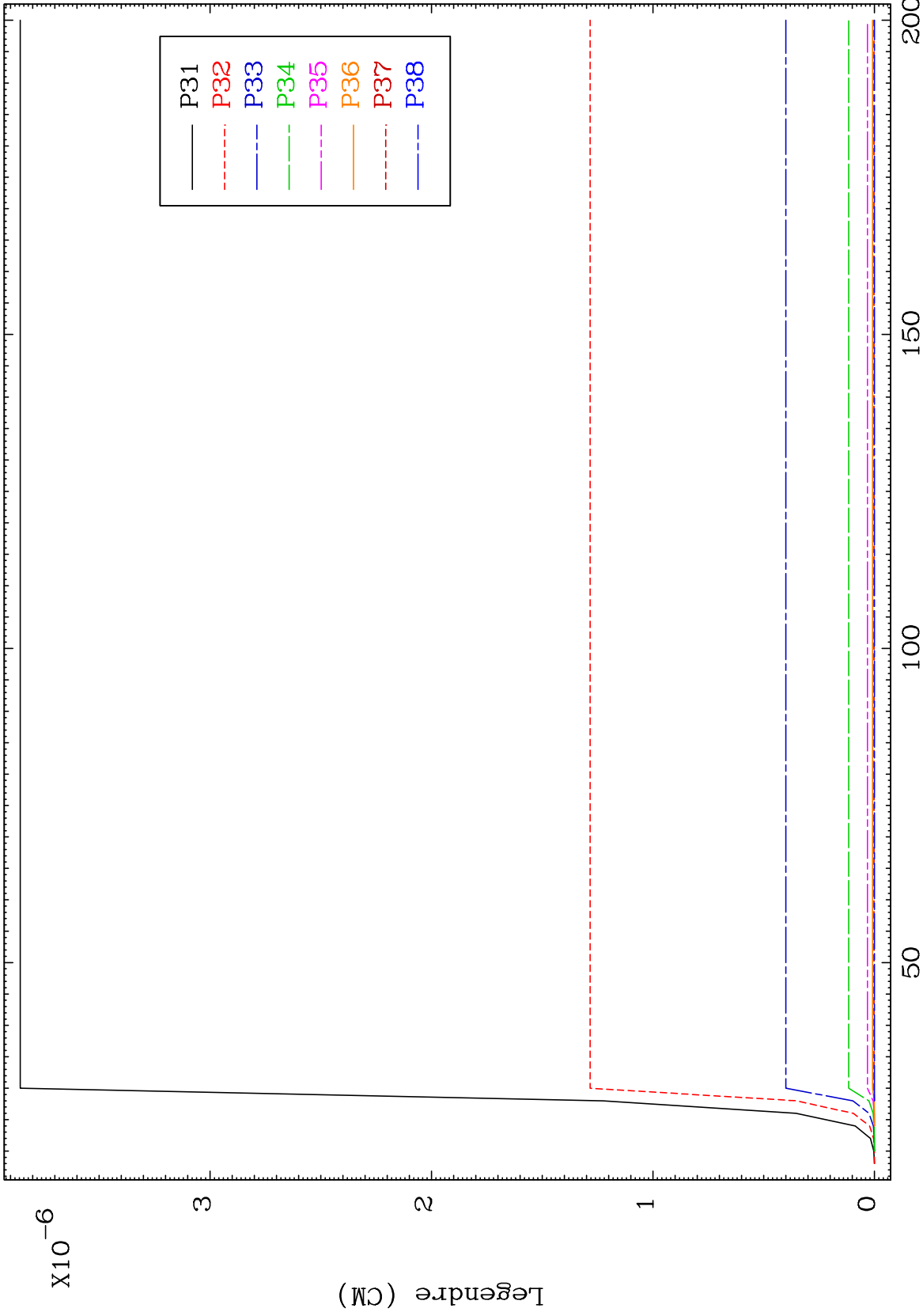
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



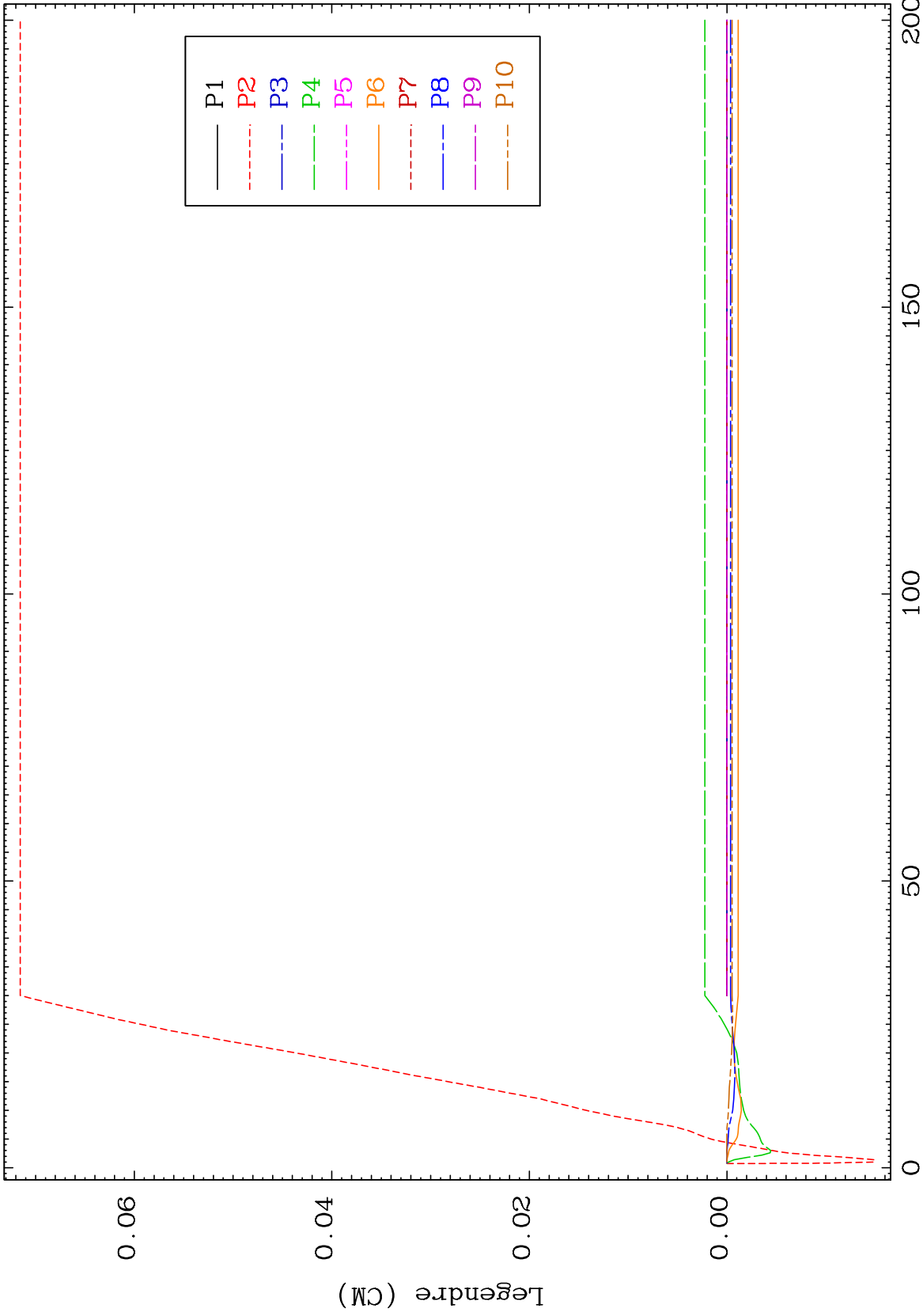
41

85-At-210

MAT 8546

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

85-At-210



42

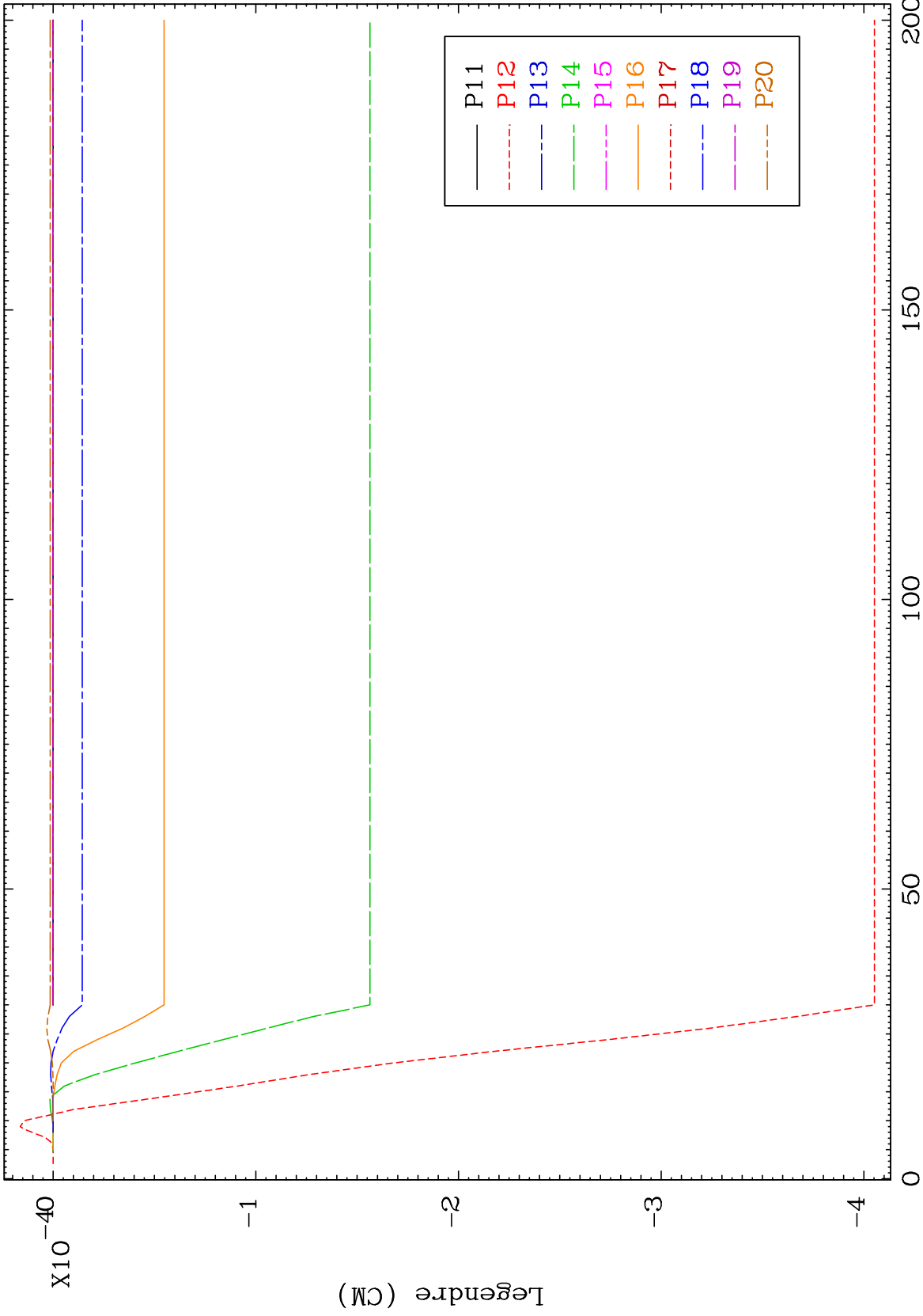
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



43

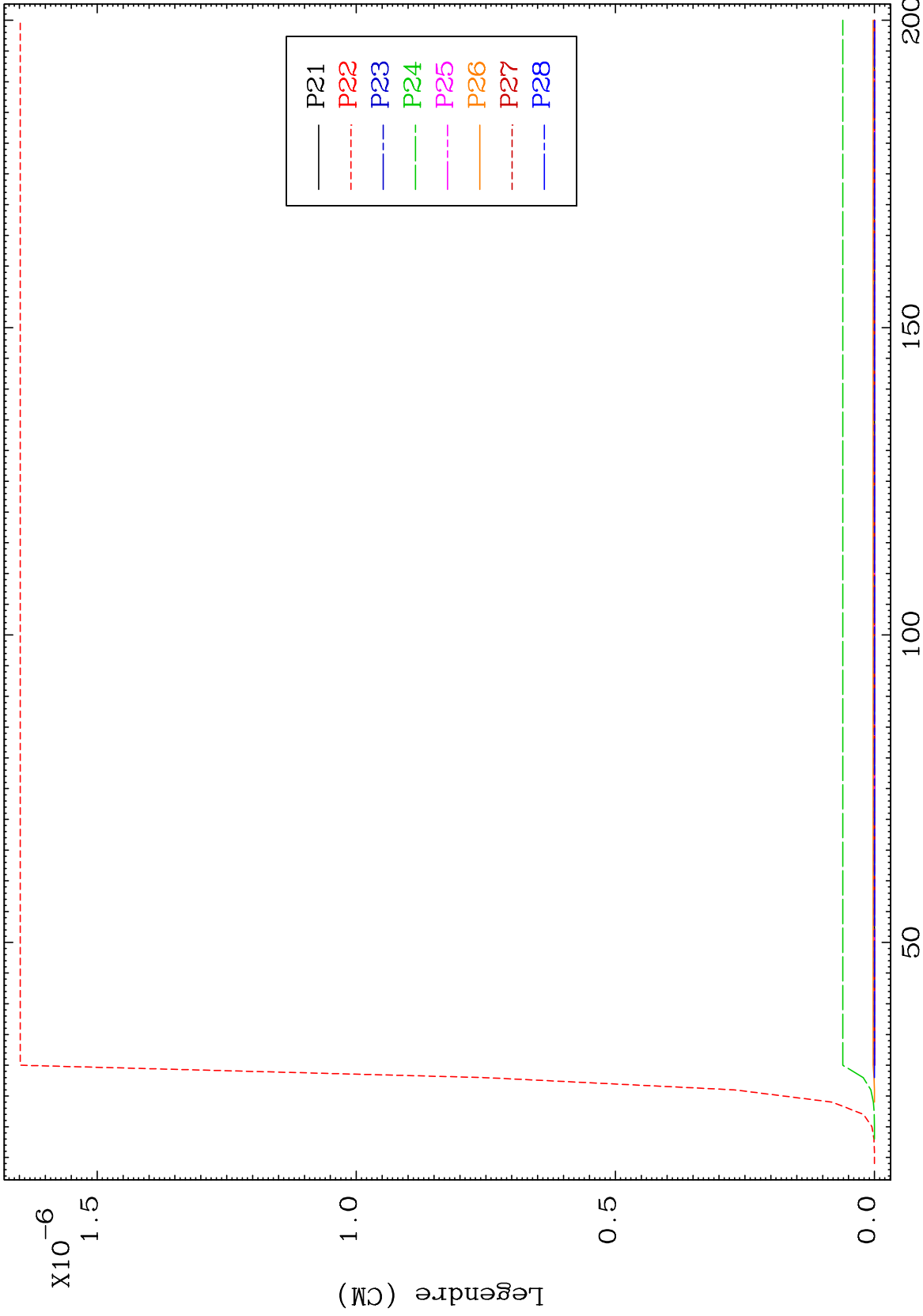
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



44

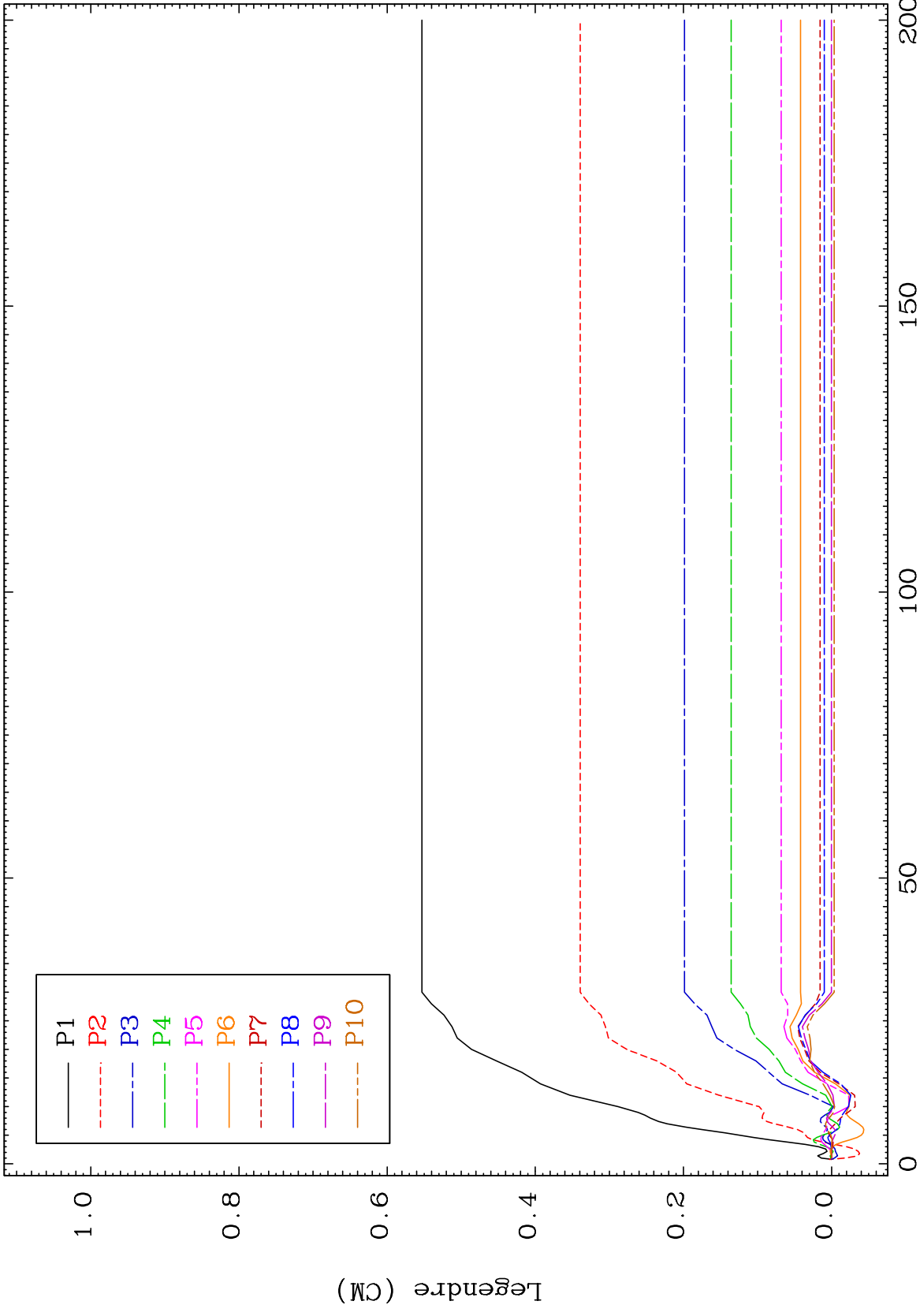
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



45

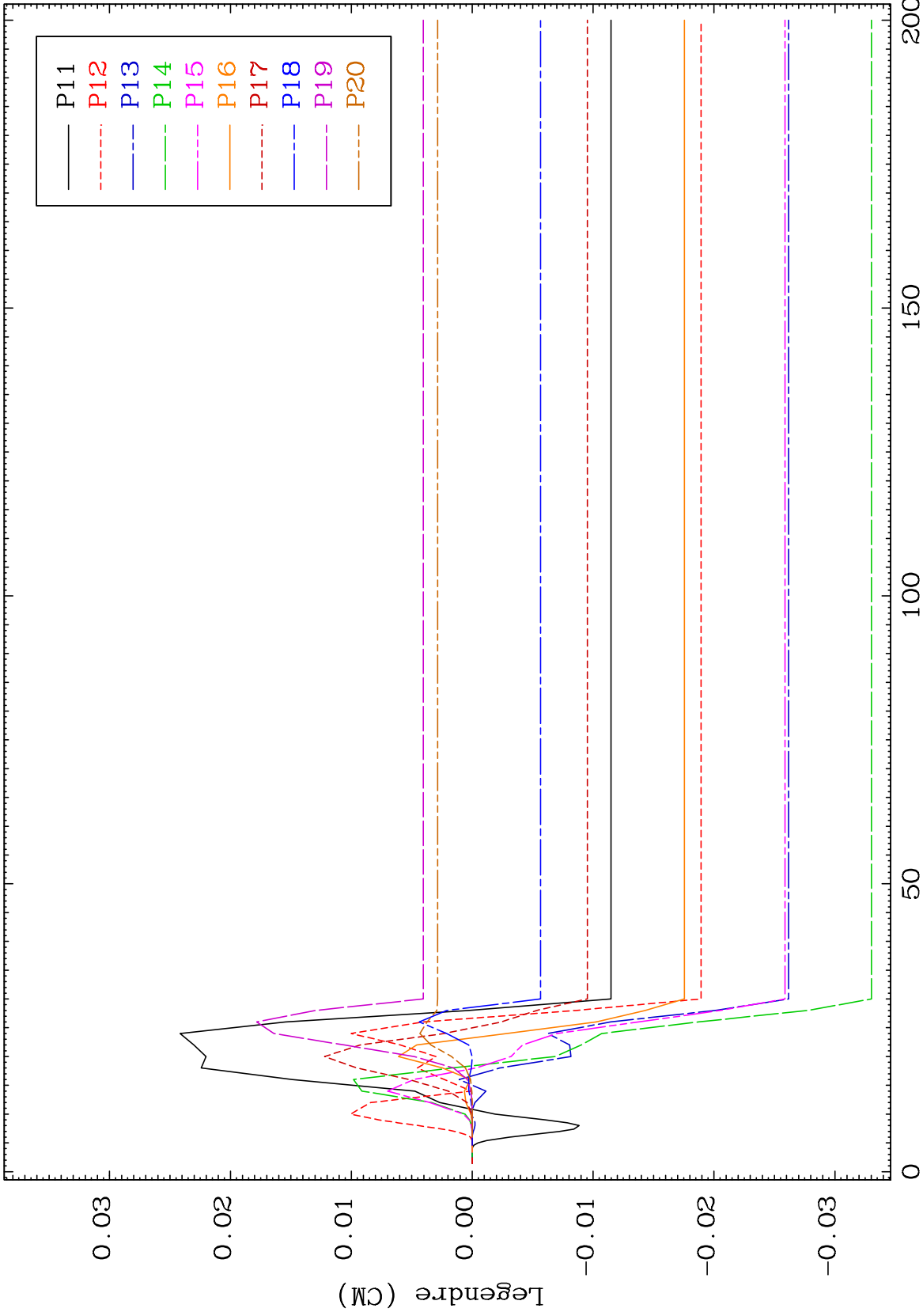
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



46

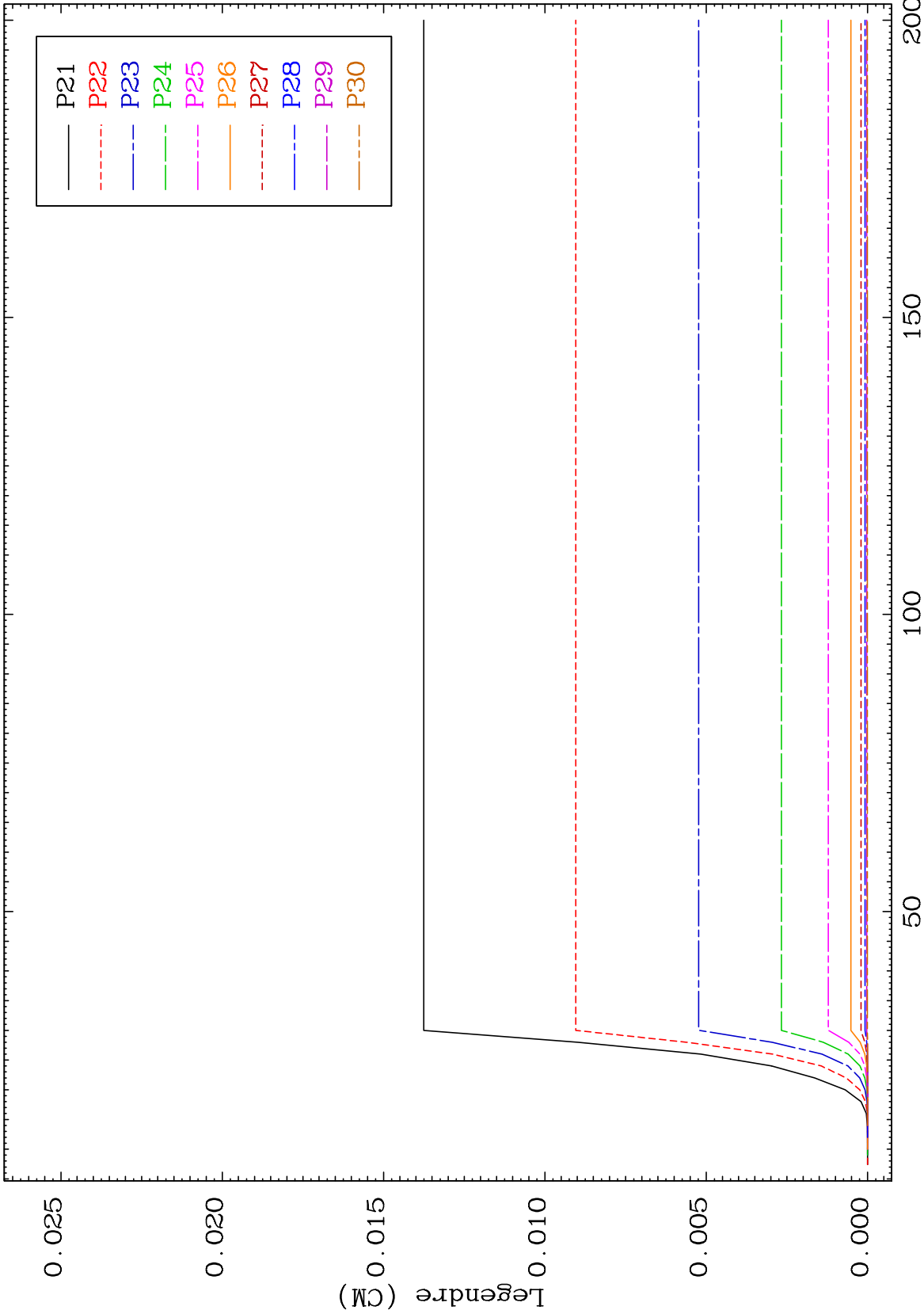
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



47

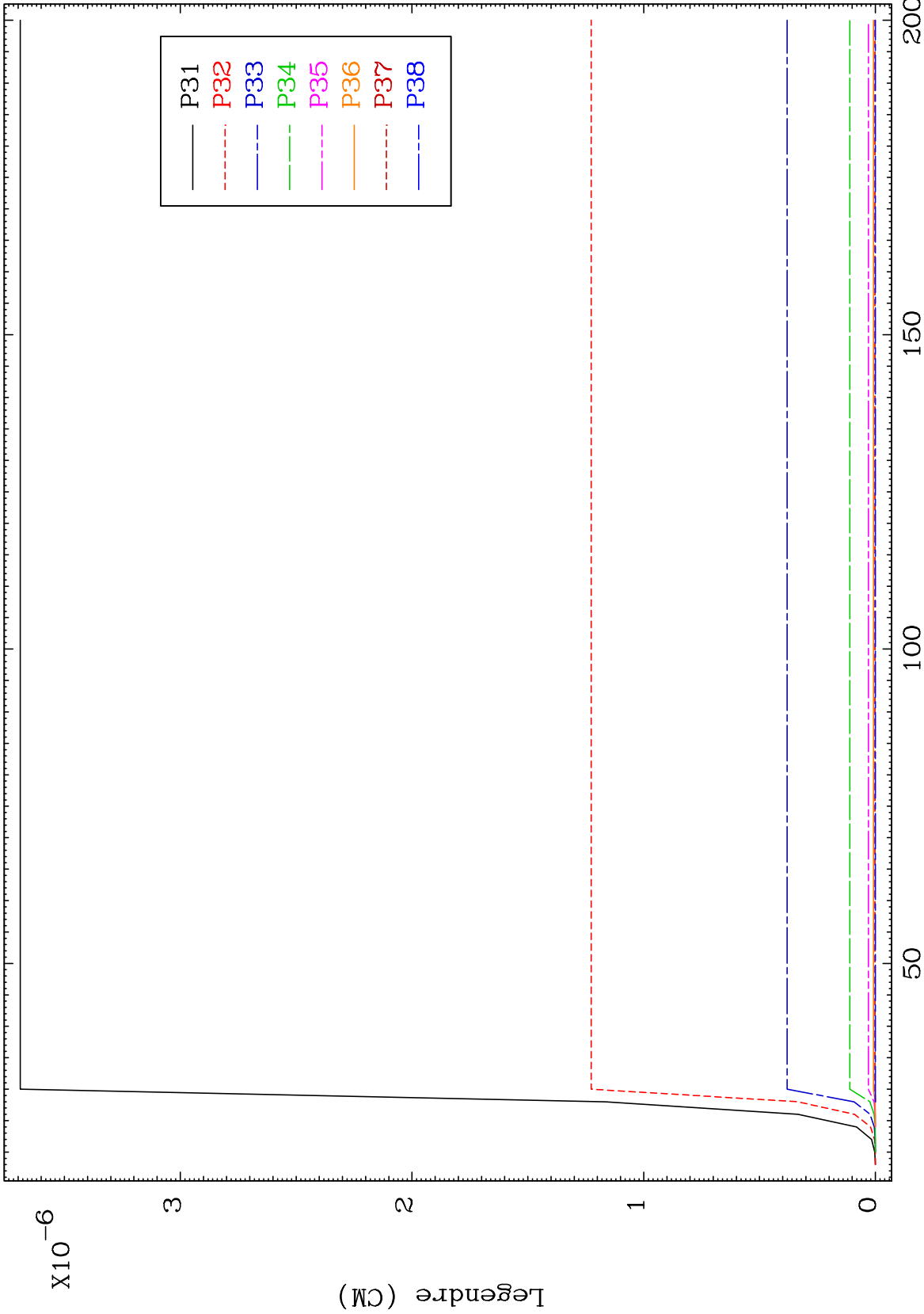
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



48

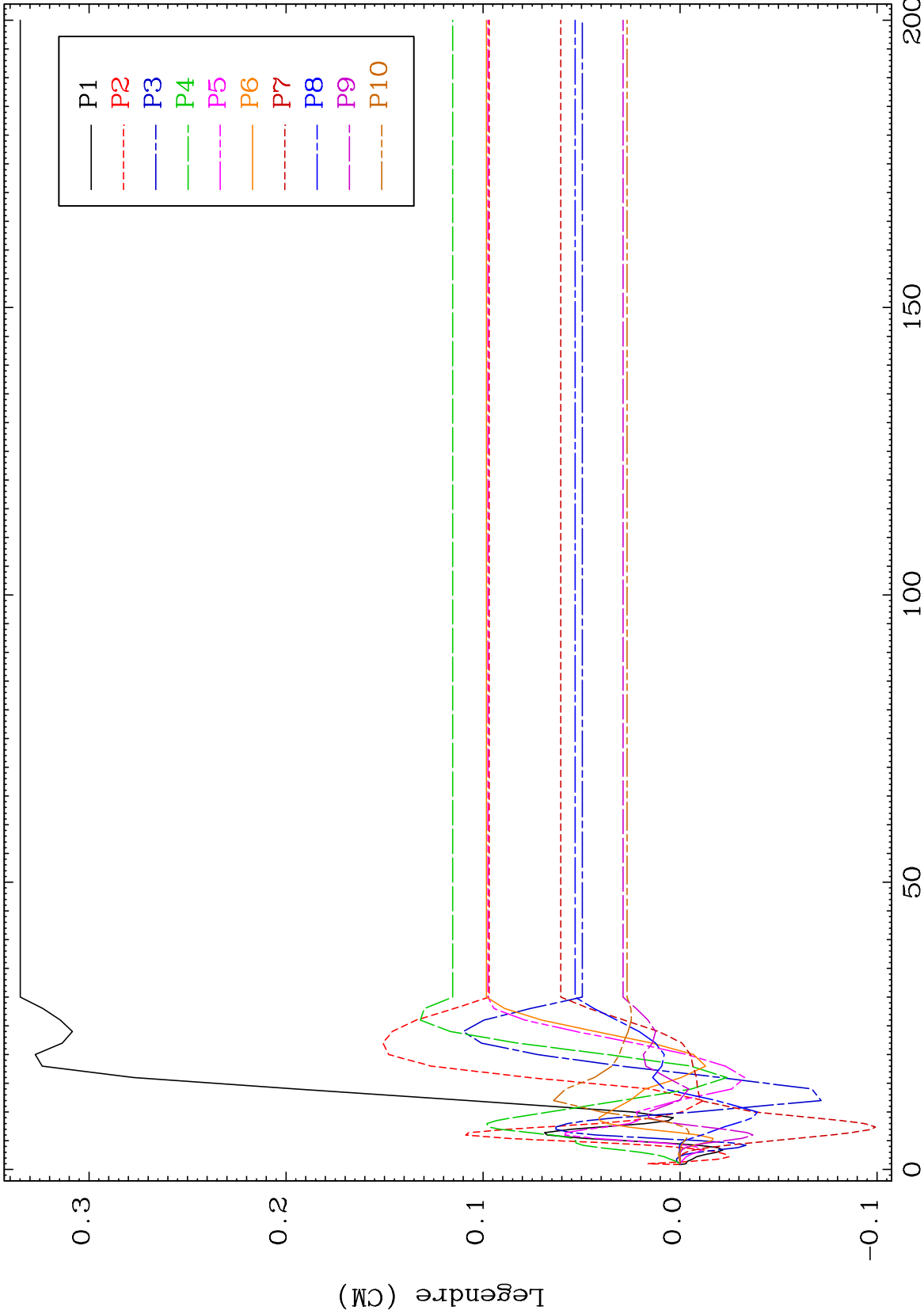
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



49

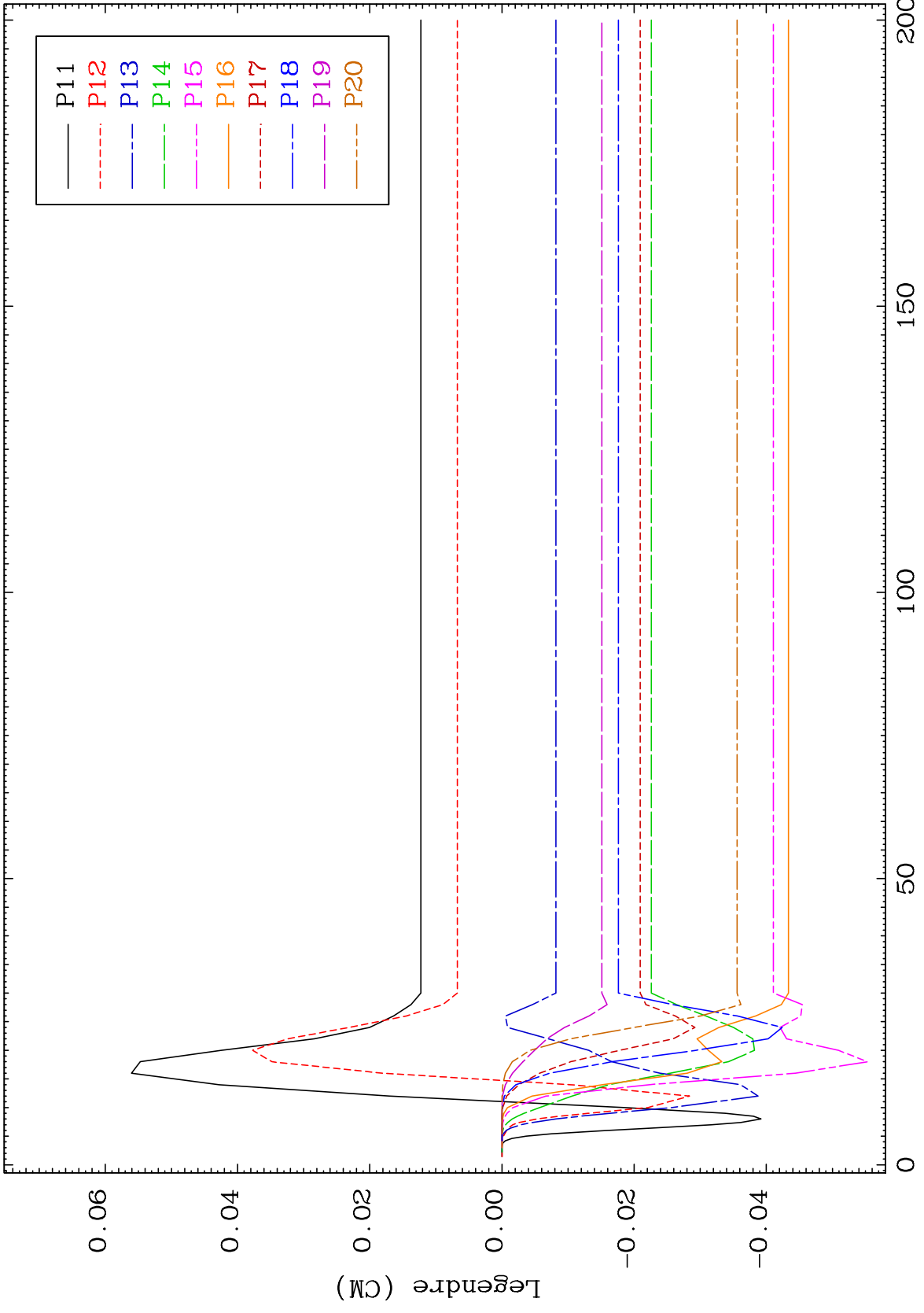
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



50

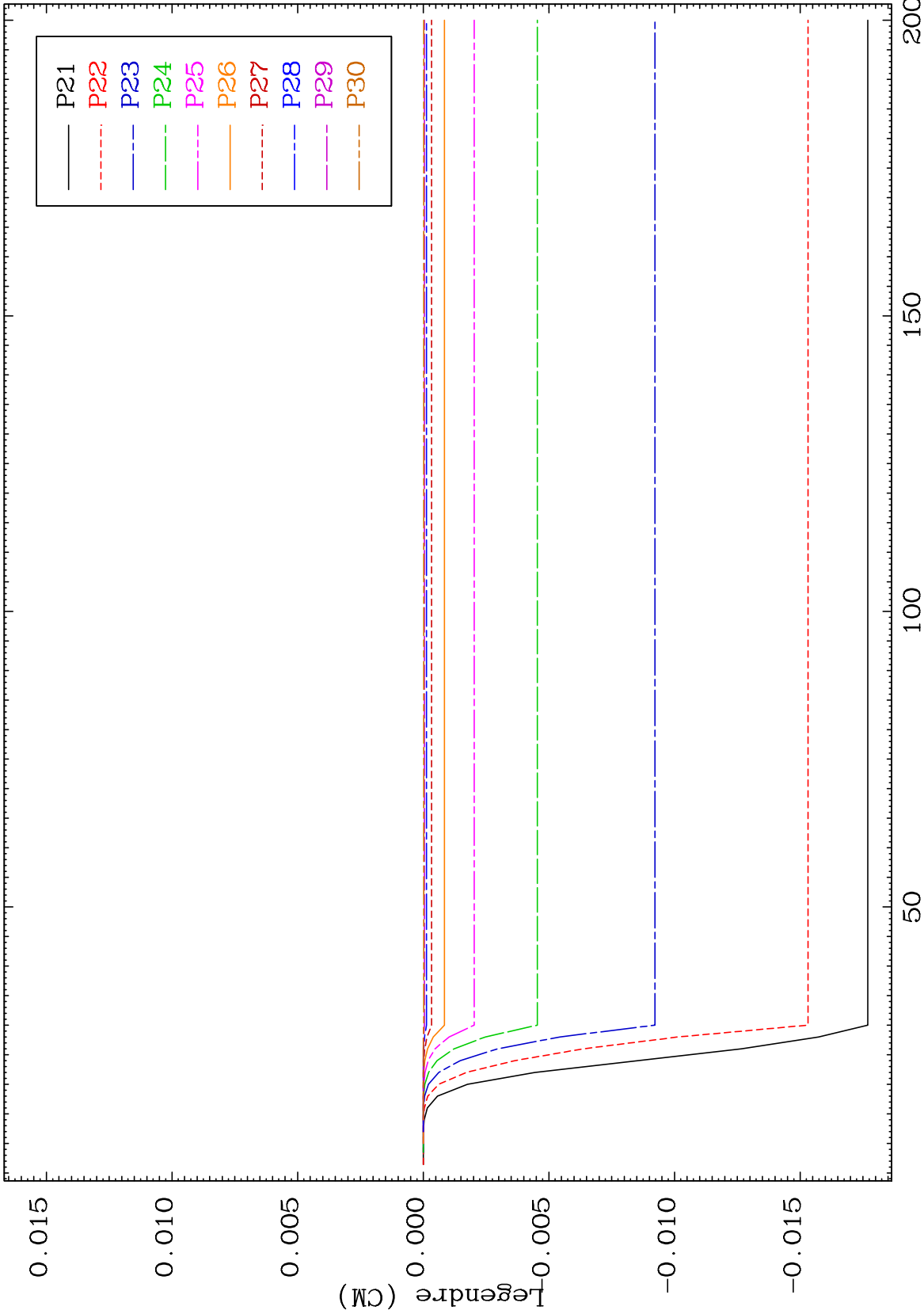
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210

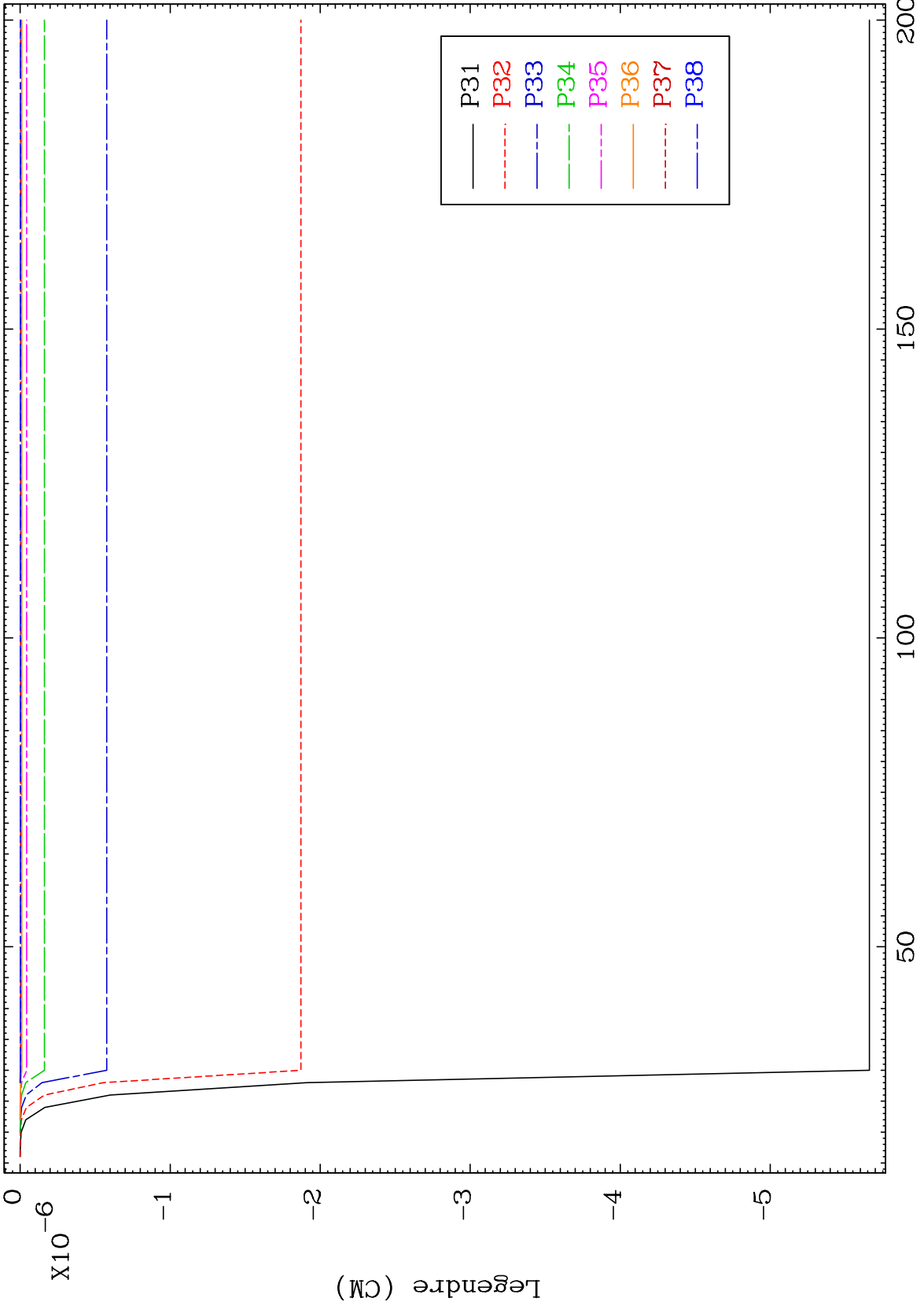


51

Incident Energy (MeV)

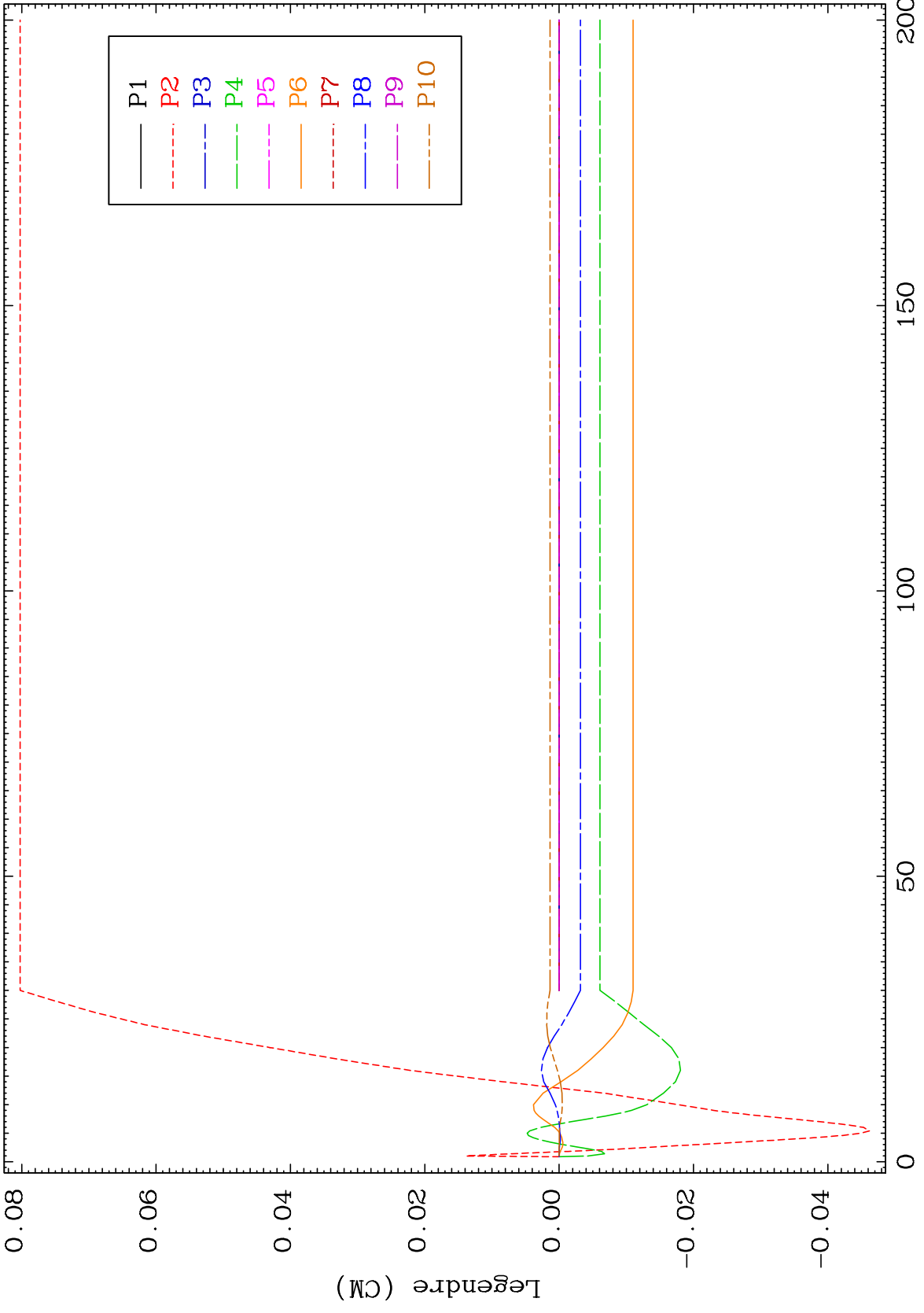
85-At-210

MAT 8546 MT= 59 (n,n') Level Legendre Coefficients 85-At-210



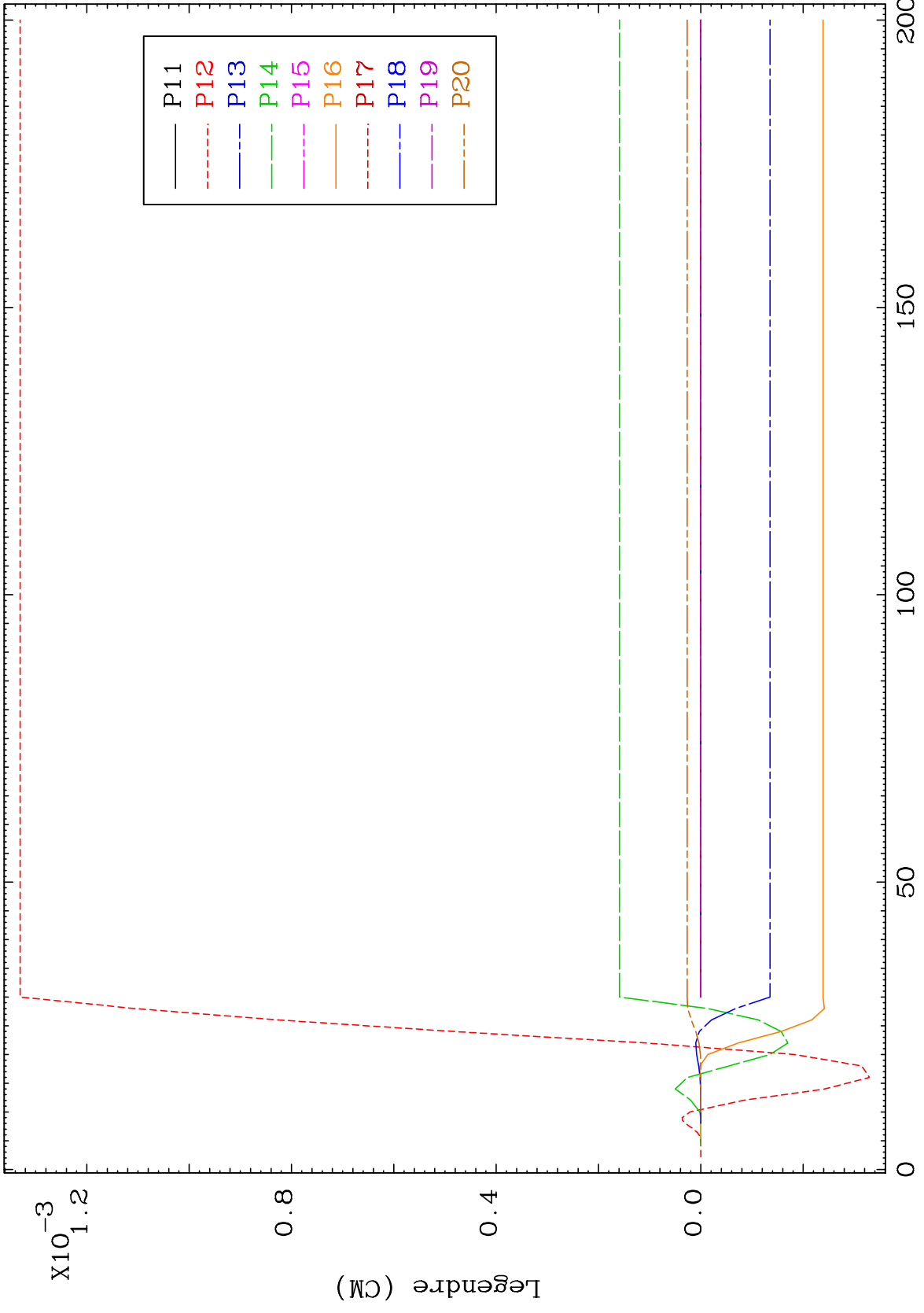
52 Incident Energy (MeV) 85-At-210

MAT 8546 MT= 60 (n,n') Level Legendre Coefficients 85-At-210



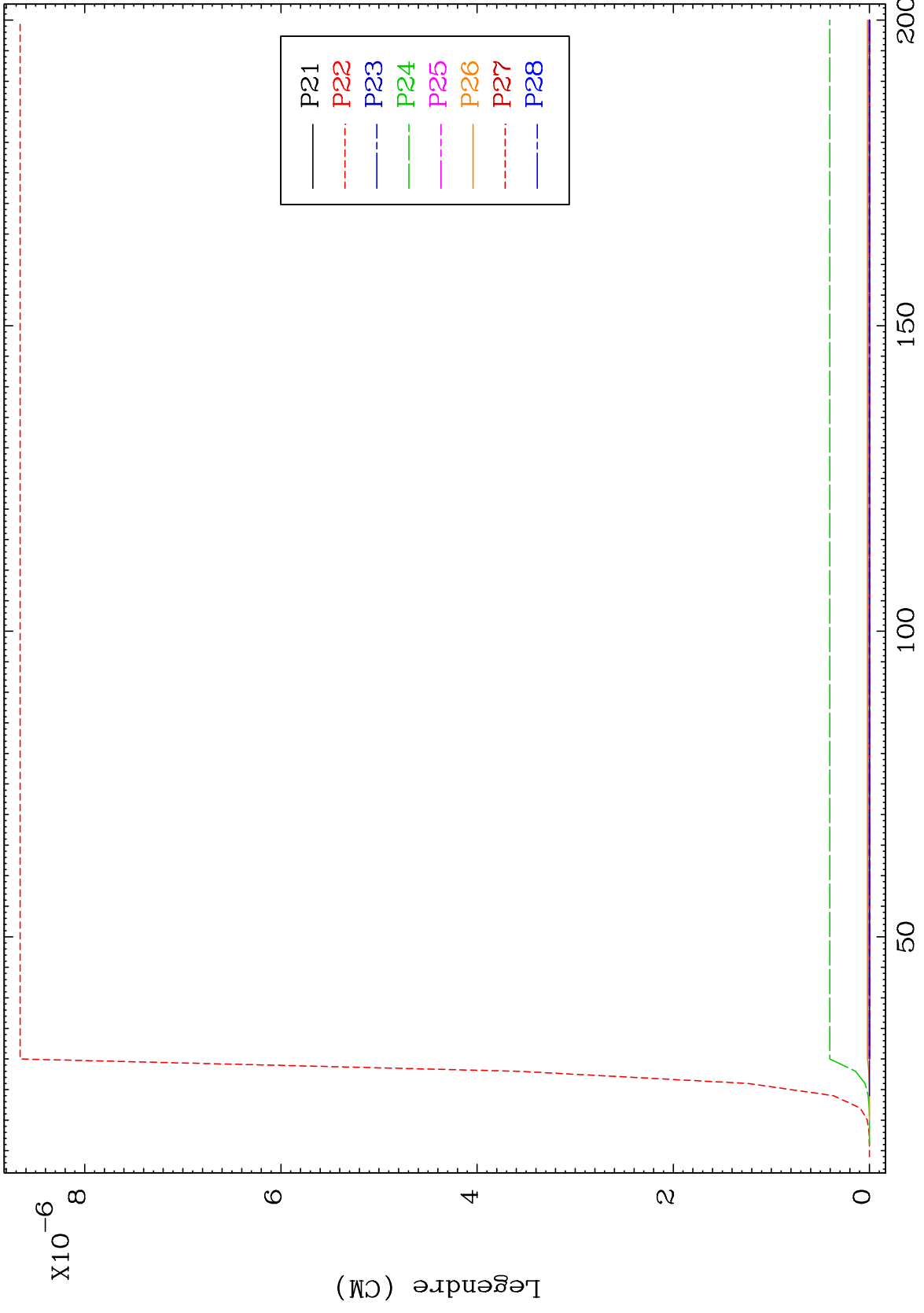
53 85-At-210

MAT 8546 MT= 60 (n,n') Level Legendre Coefficients 85-At-210



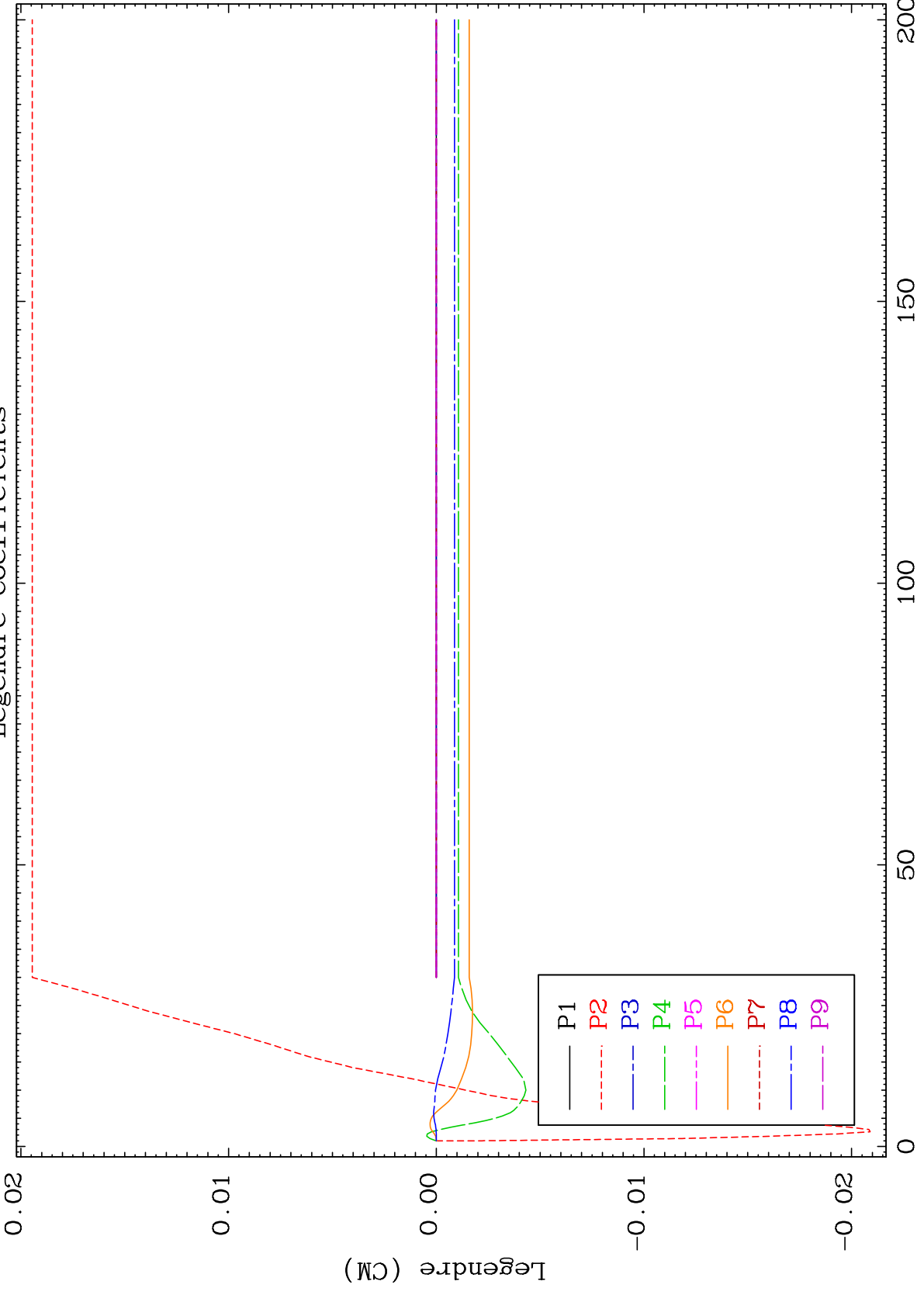
54 85-At-210

MAT 8546 MT= 60 (n,n') Level Legendre Coefficients 85-At-210



85-At-210

MAT 8546 MT= 61 (n,n') Level Legendre Coefficients 85-At-210

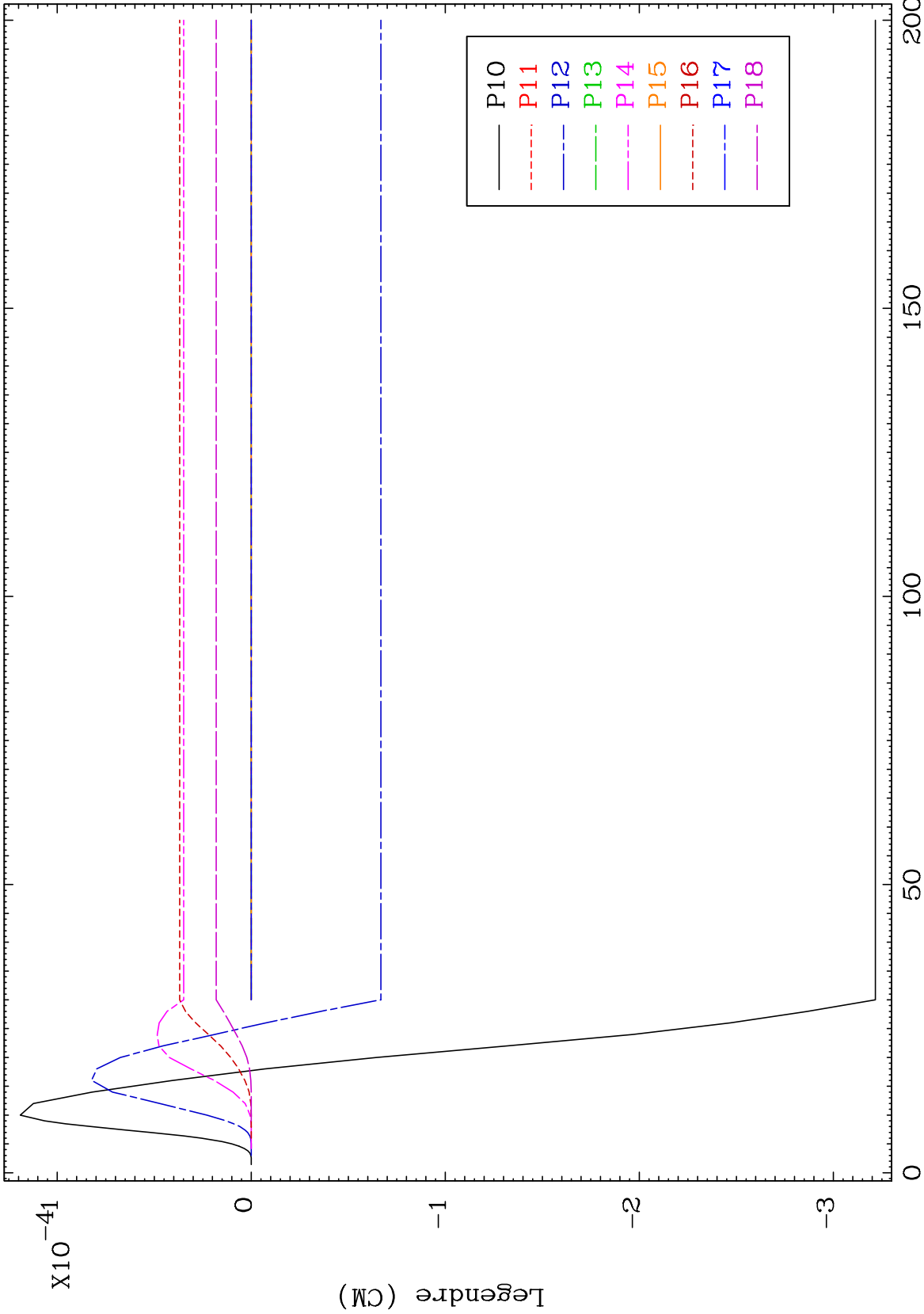


56 85-At-210

MAT 8546

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

85-At-210

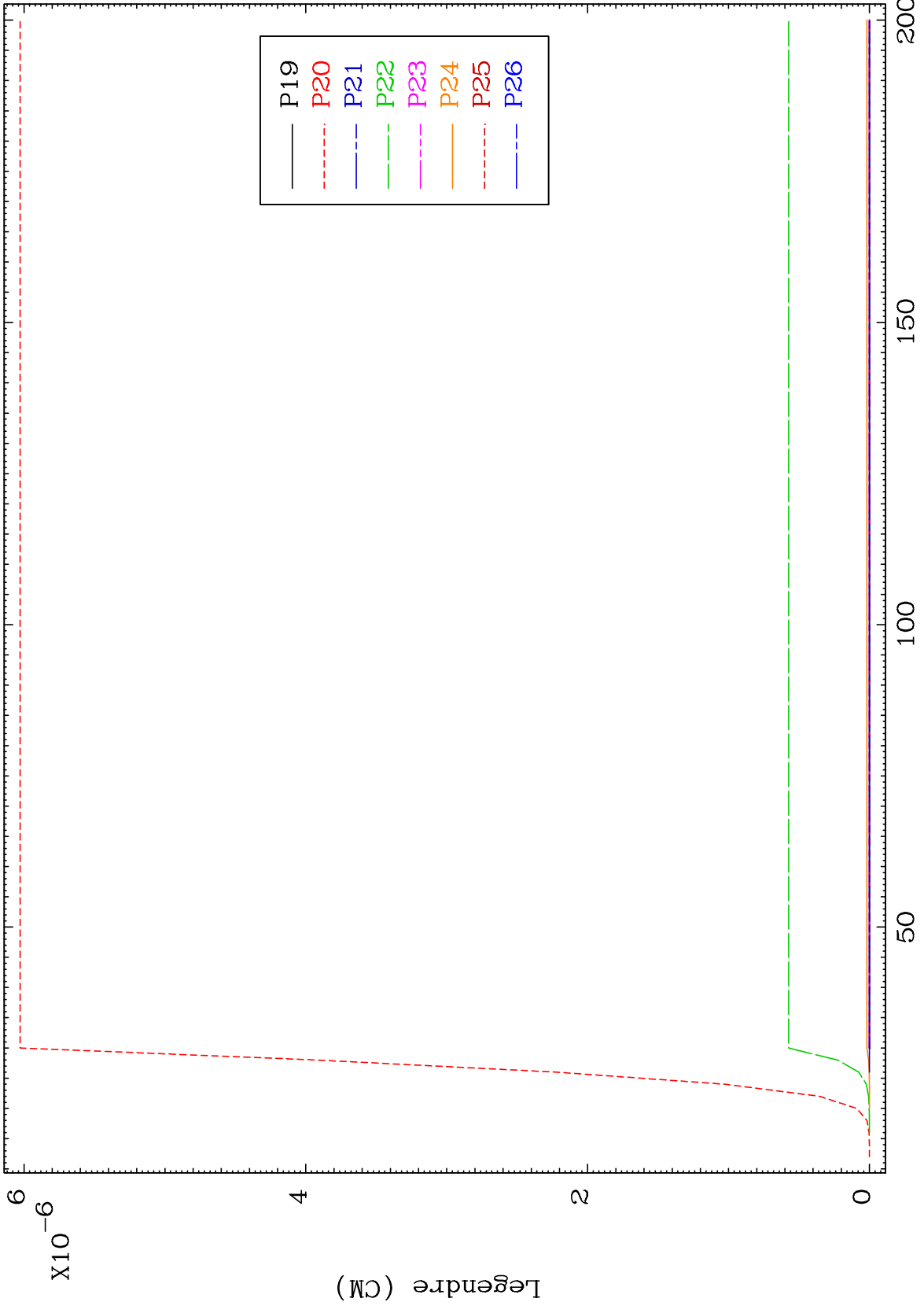


57

Incident Energy (MeV)

85-At-210

MAT 8546 MT= 61 (n,n') Level Legendre Coefficients 85-At-210

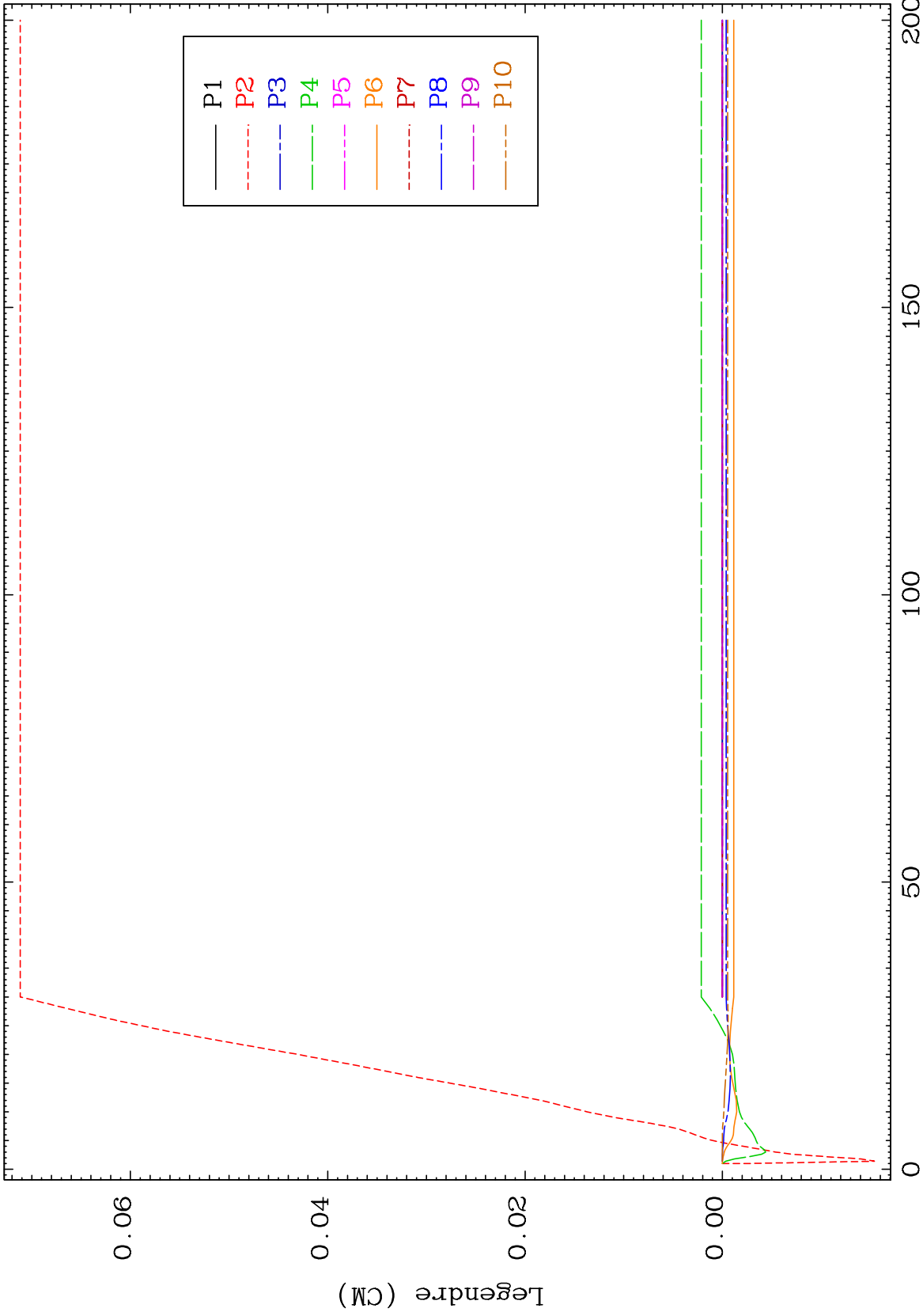


58 85-At-210

MAT 8546

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

85-At-210

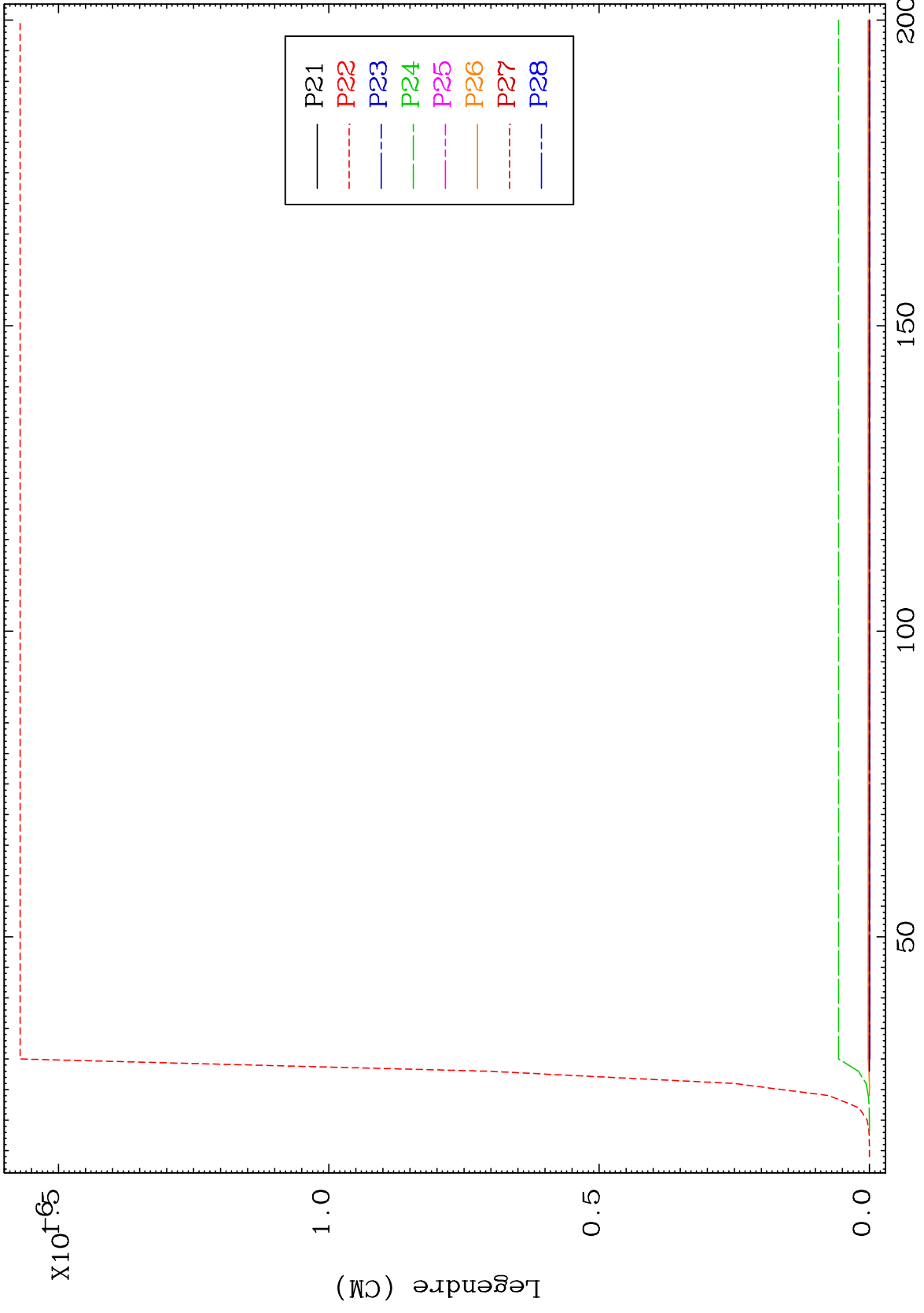


59

Incident Energy (MeV)

85-At-210

MAT 8546 MT= 62 (n,n') Level Legendre Coefficients 85-At-210

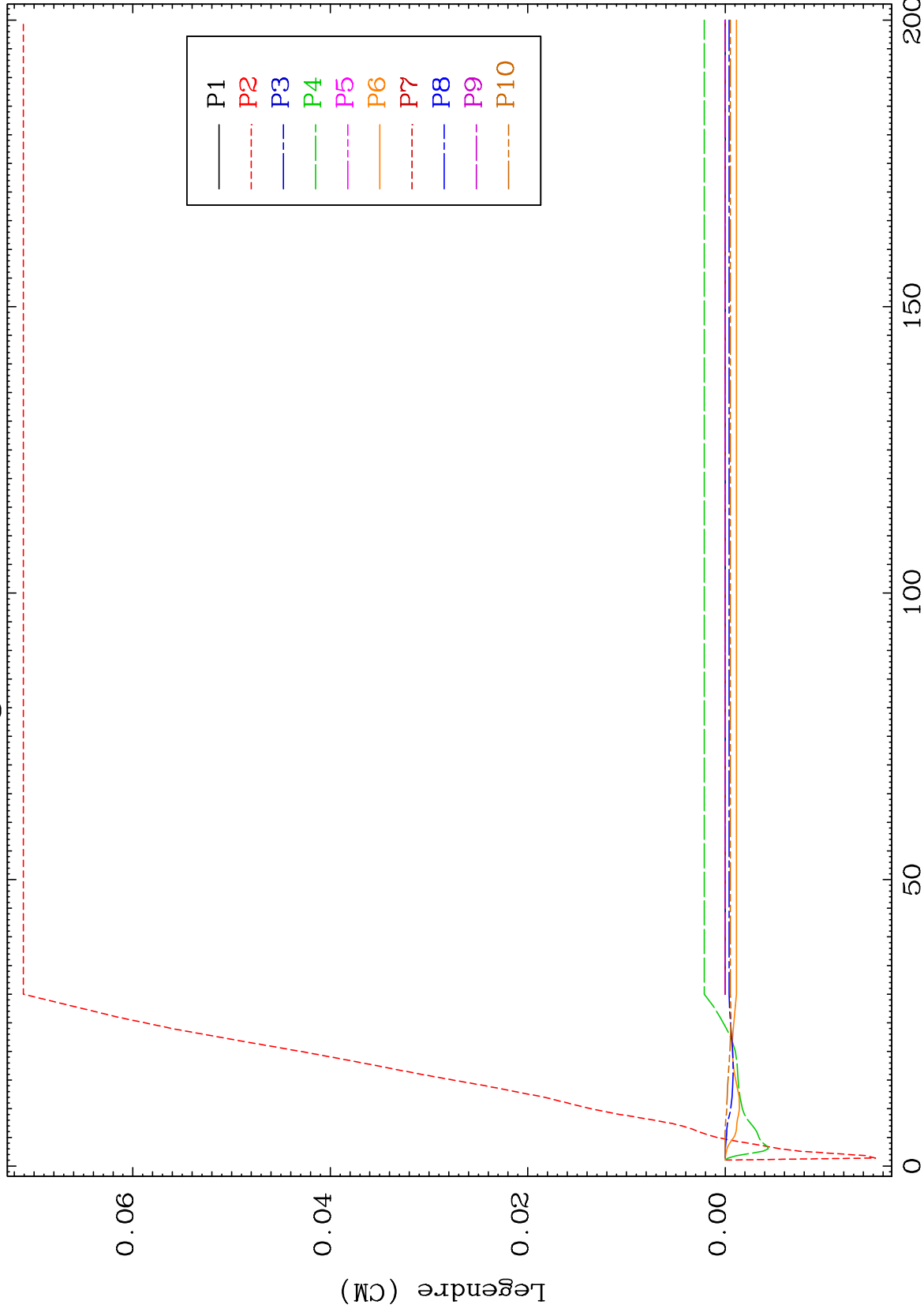


61 85-At-210

MAT 8546

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

85-At-210



62

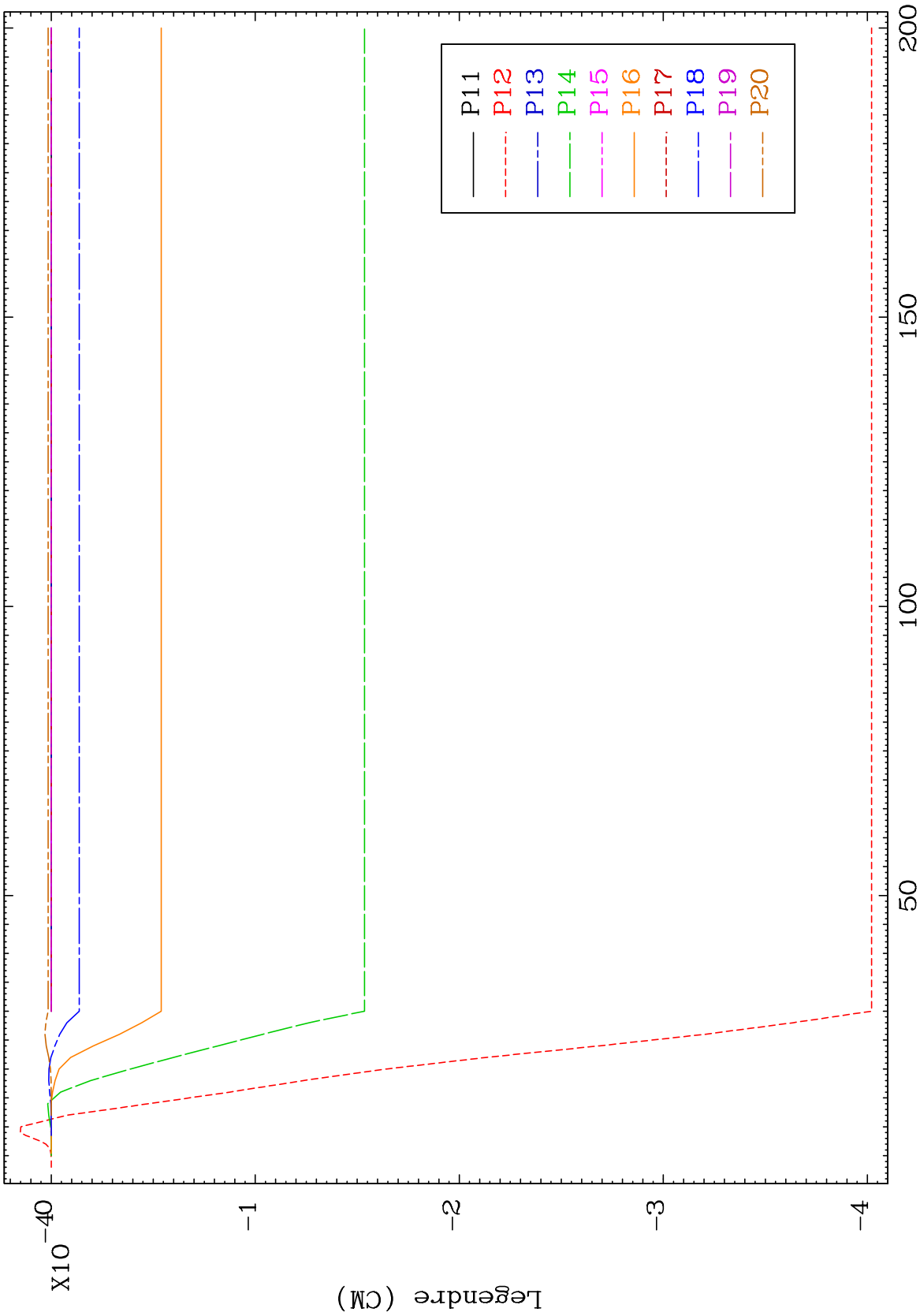
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210

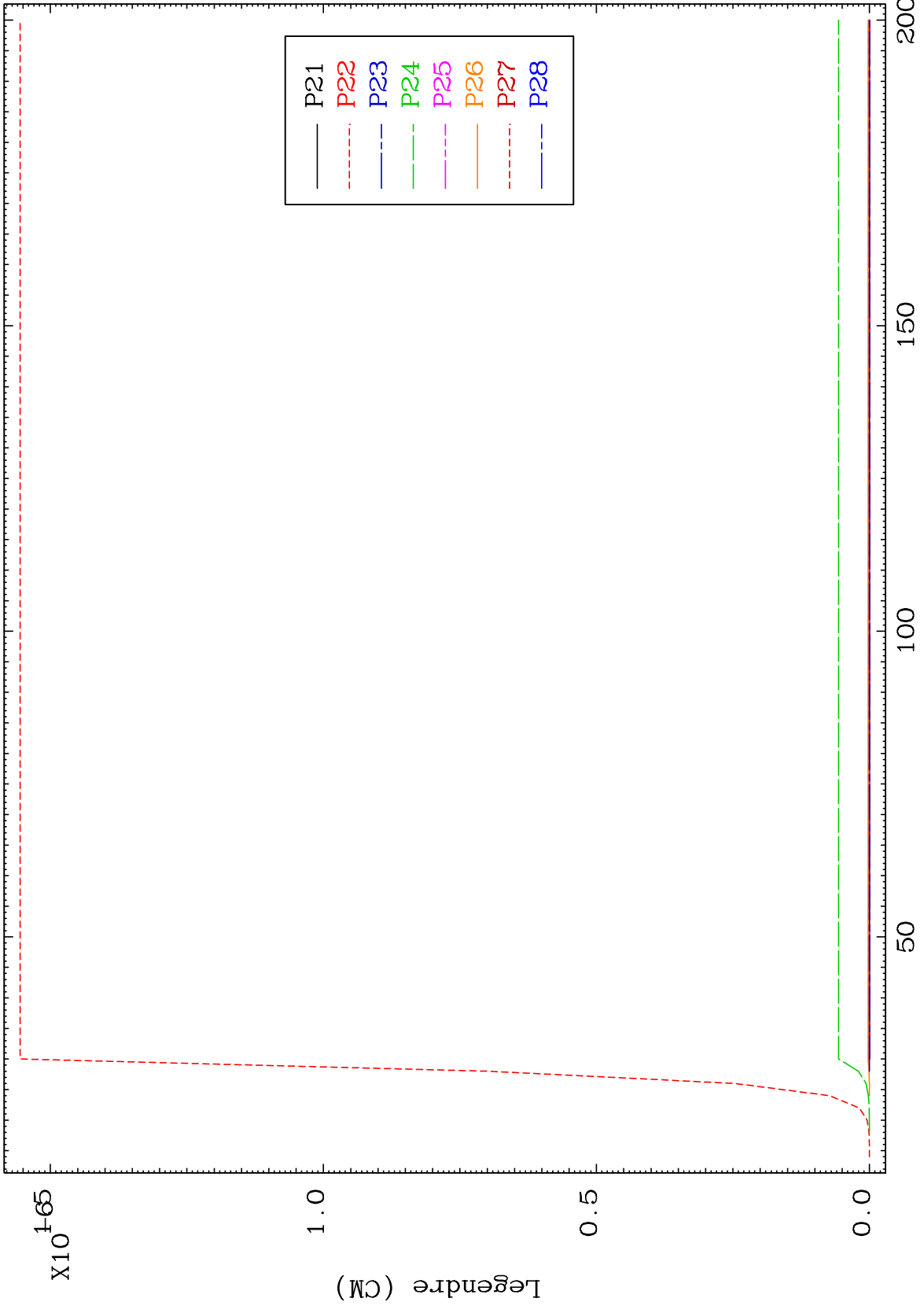


63

Incident Energy (MeV)

85-At-210

MAT 8546 MT= 63 (n,n') Level Legendre Coefficients 85-At-210

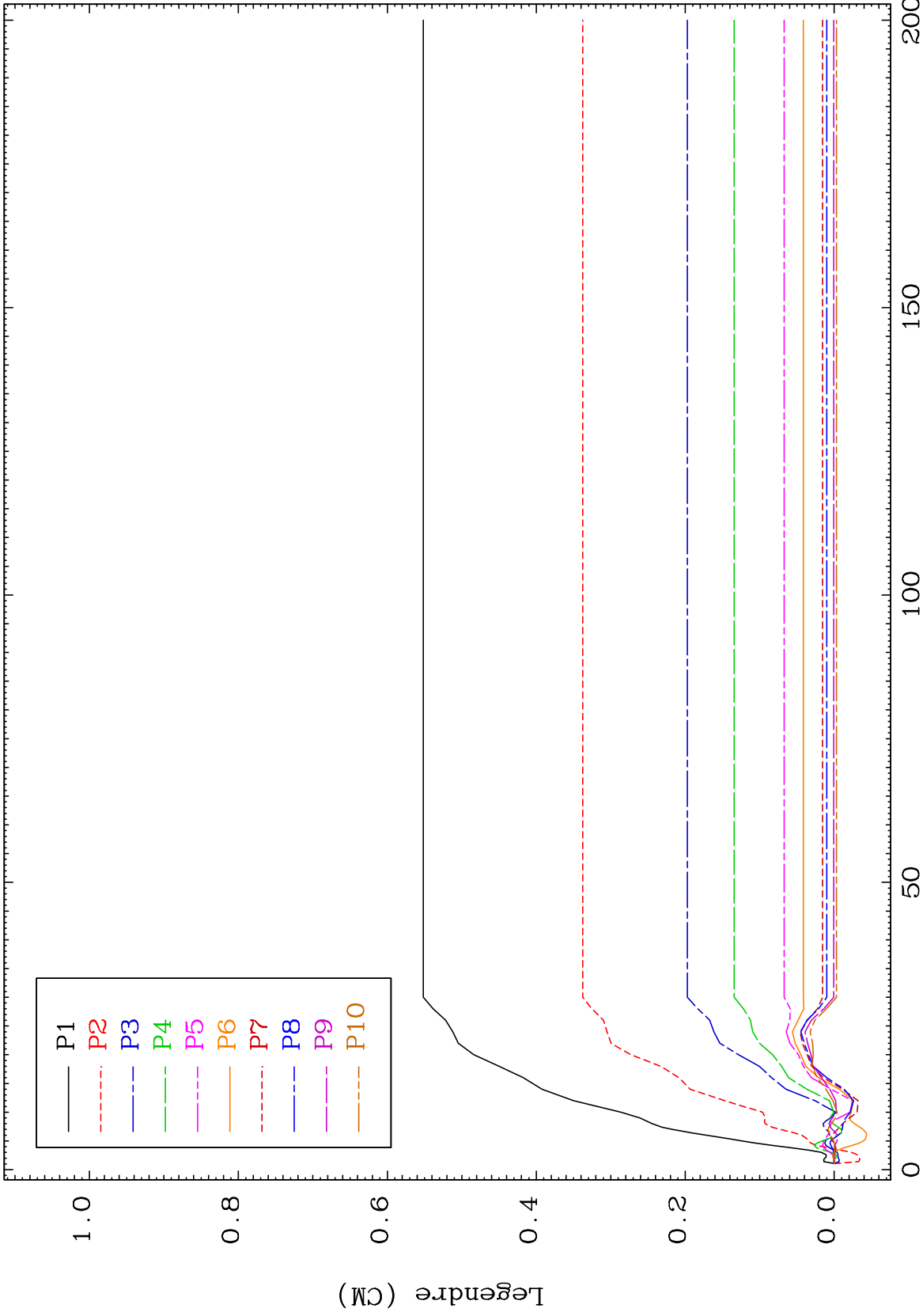


64 85-At-210

MAT 8546

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

85-At-210

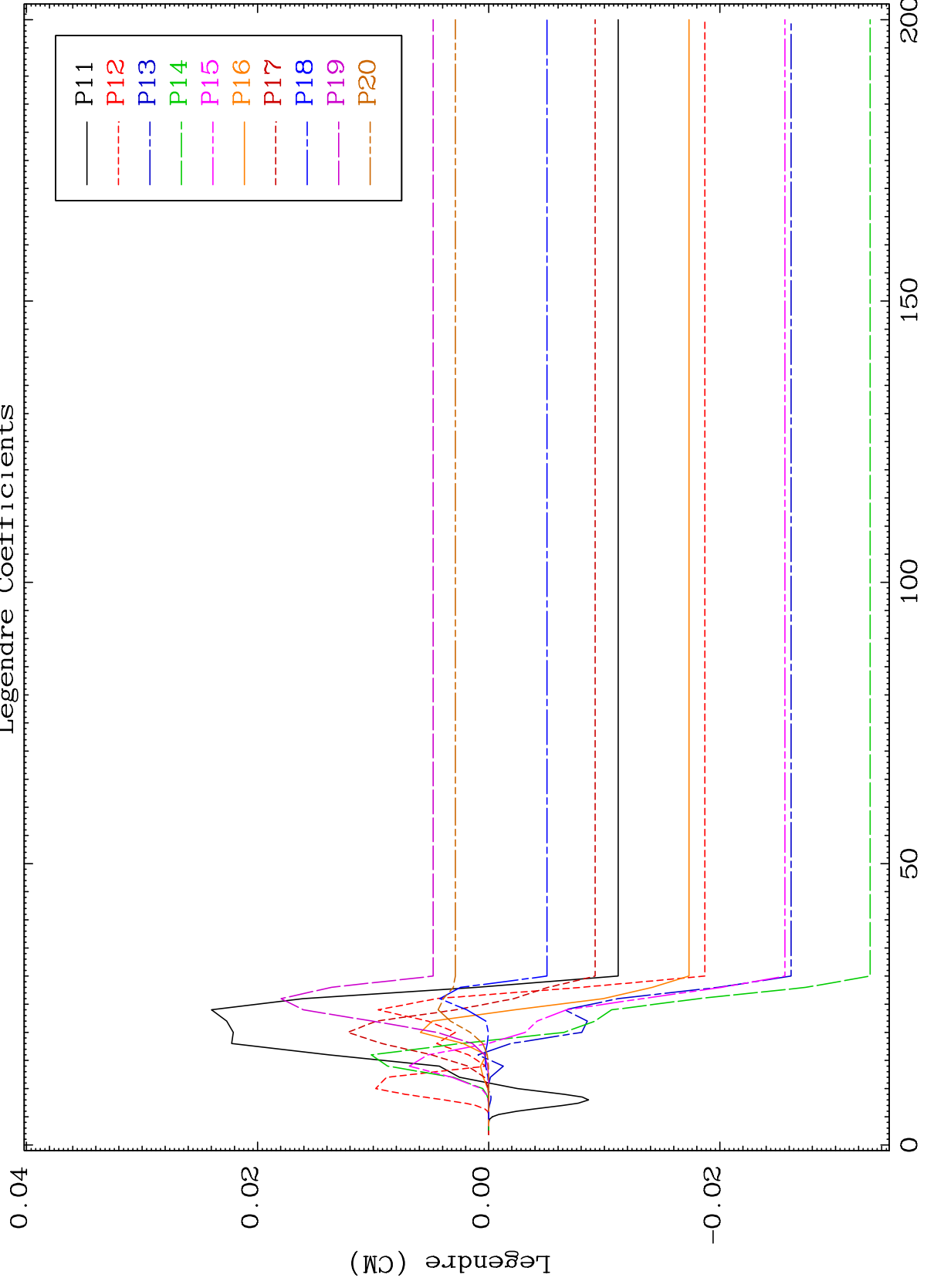


65

Incident Energy (MeV)

85-At-210

MAT 8546 MT= 64 (n,n') Level Legendre Coefficients 85-At-210

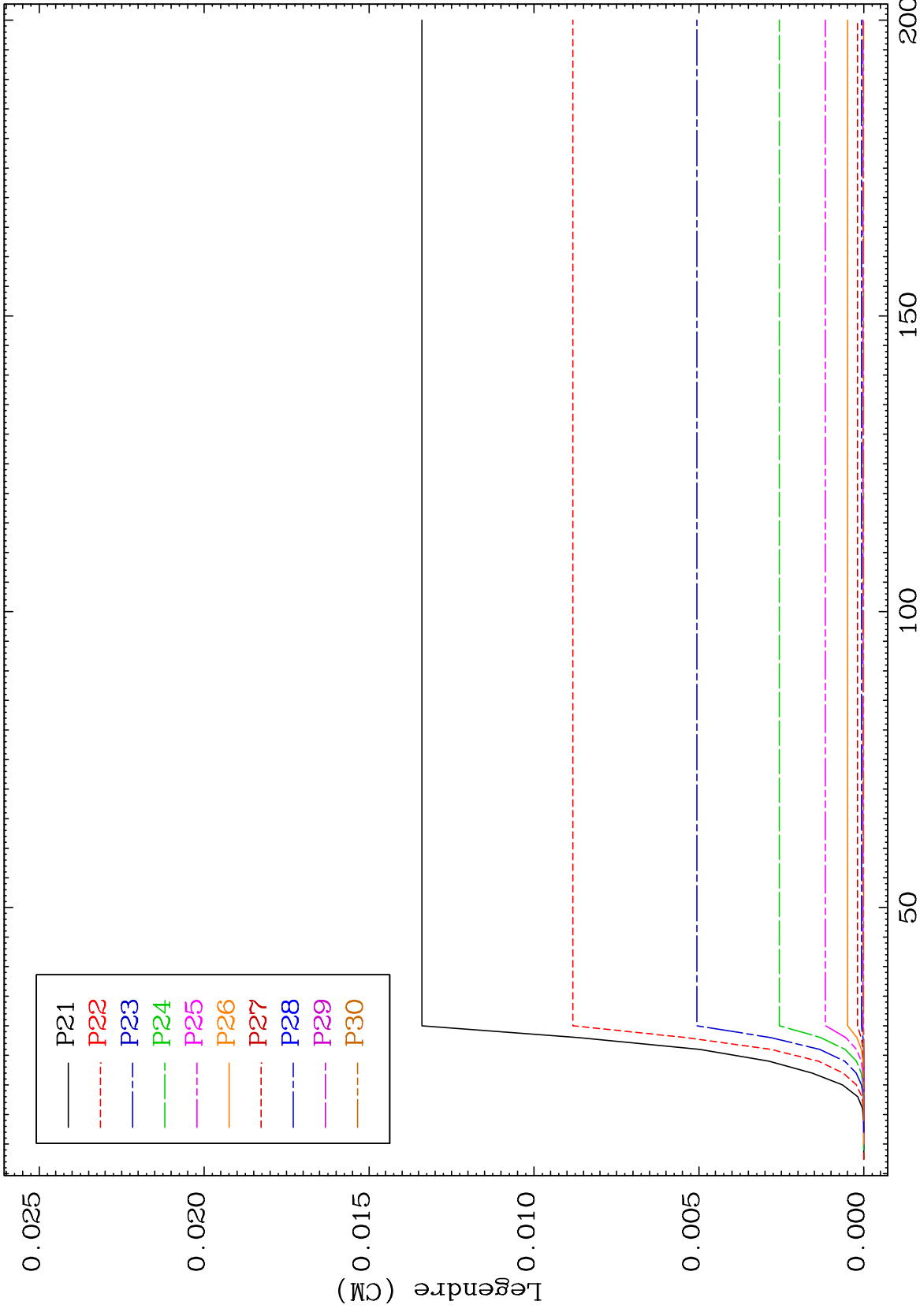


66 85-At-210

MAT 8546

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

85-At-210



67

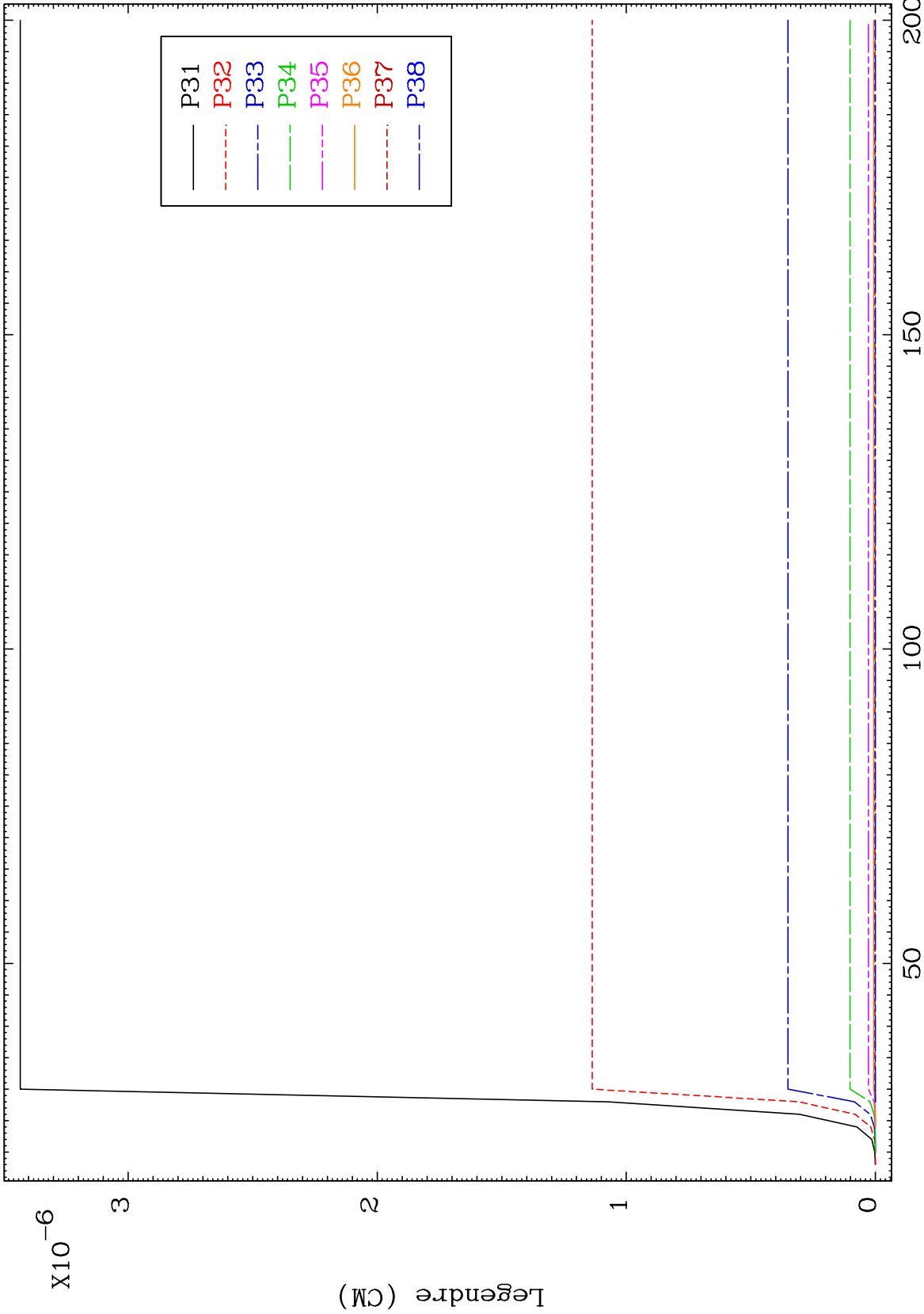
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



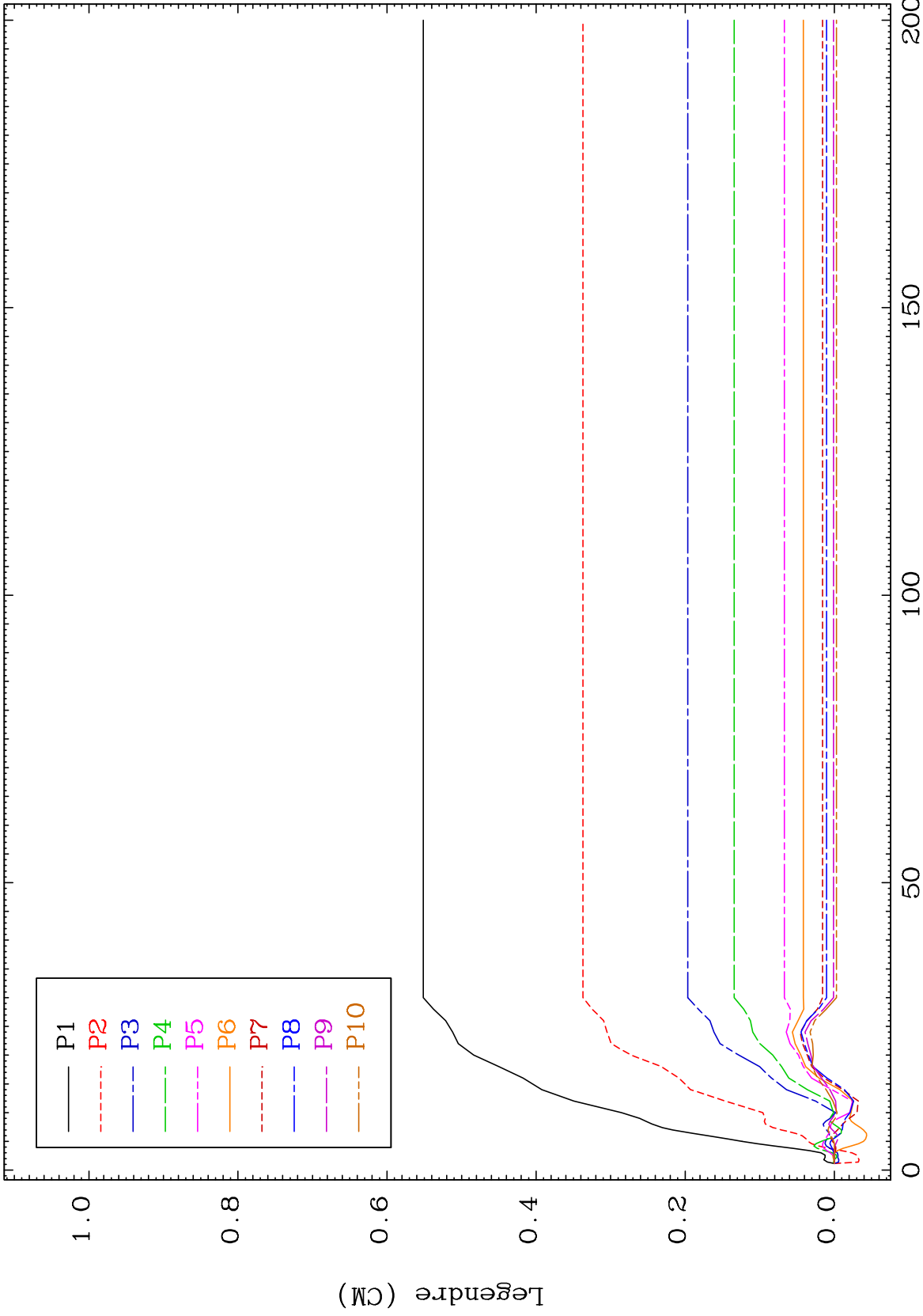
68

85-At-210

MAT 8546

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

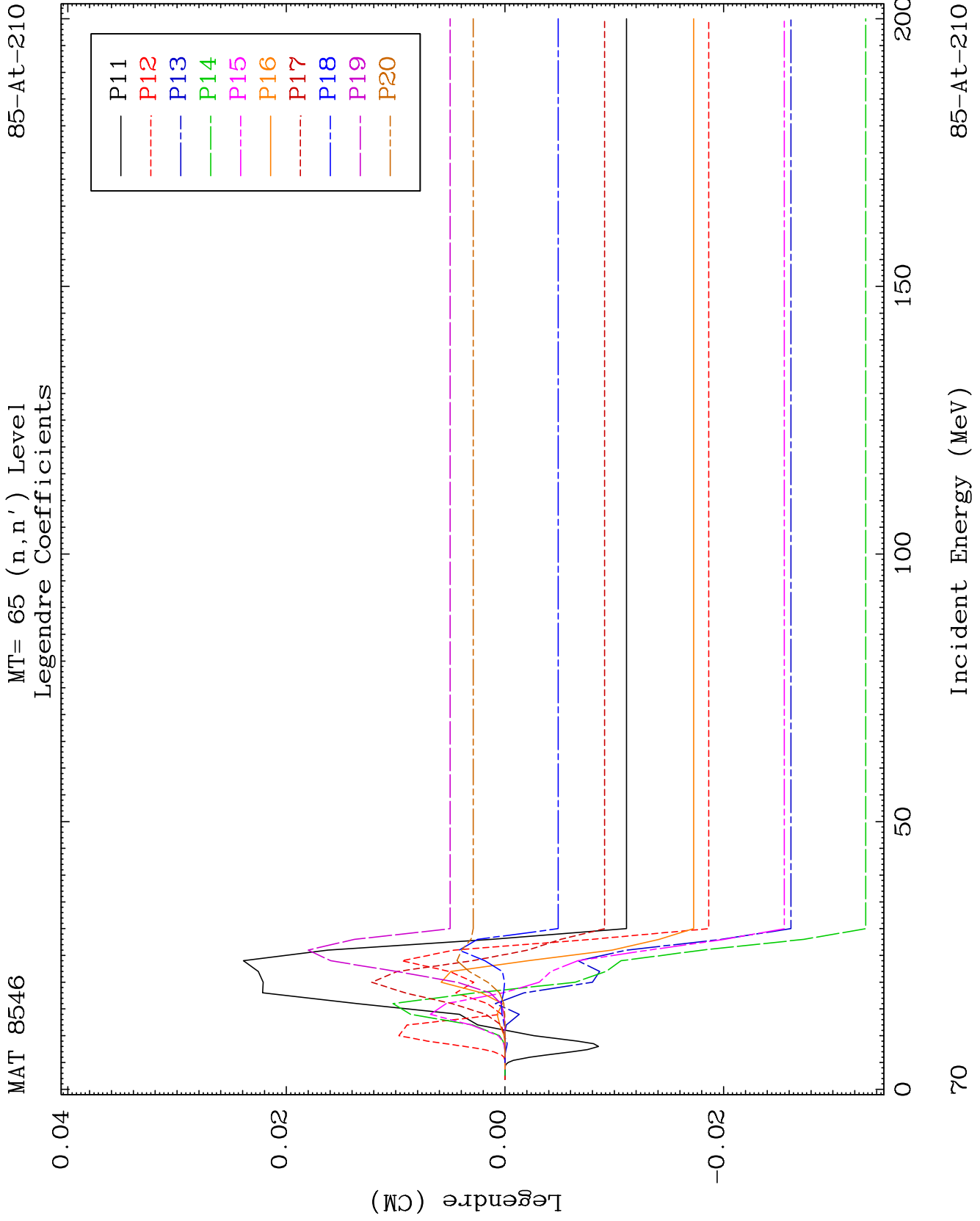
85-At-210

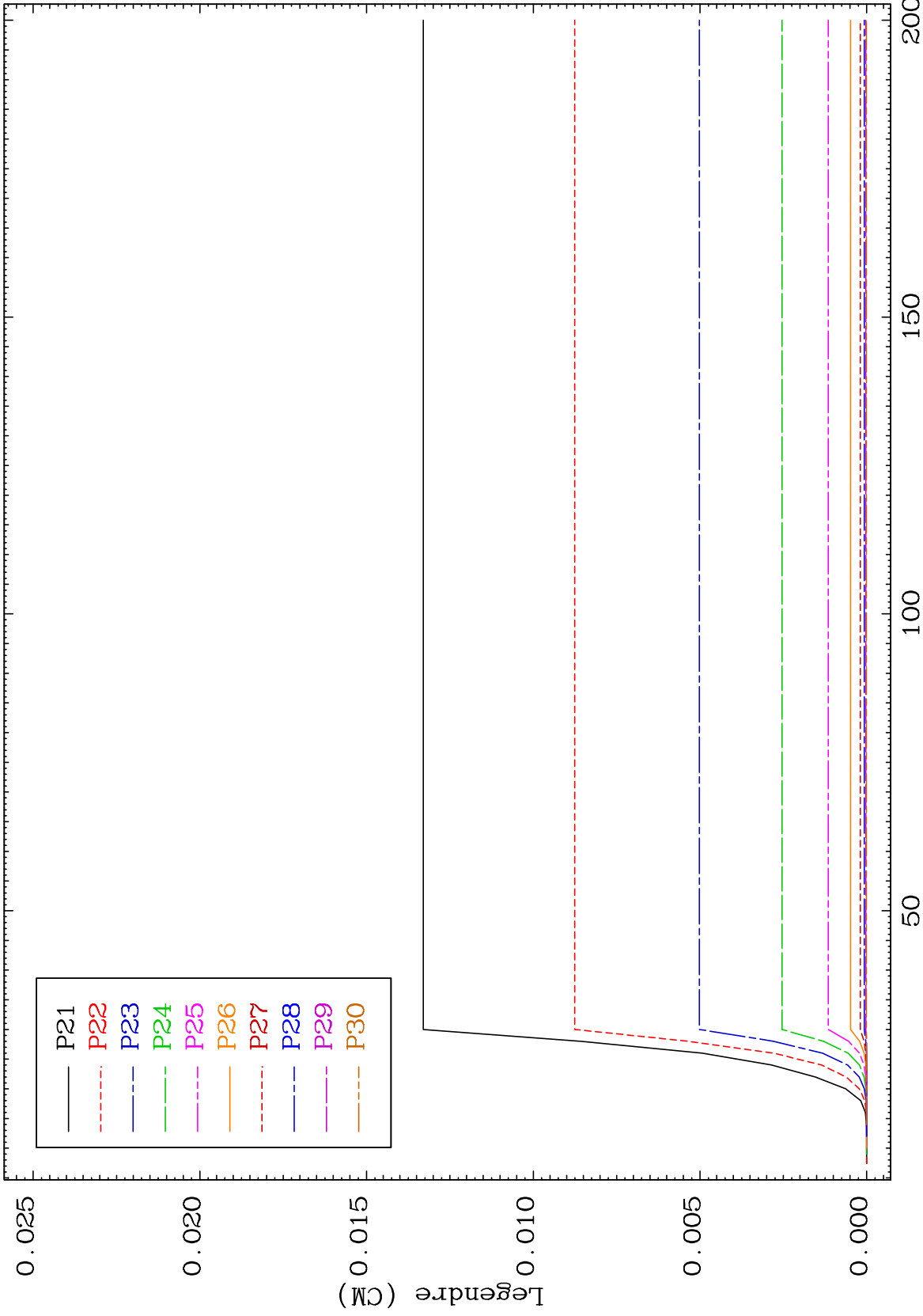


69

Incident Energy (MeV)

85-At-210

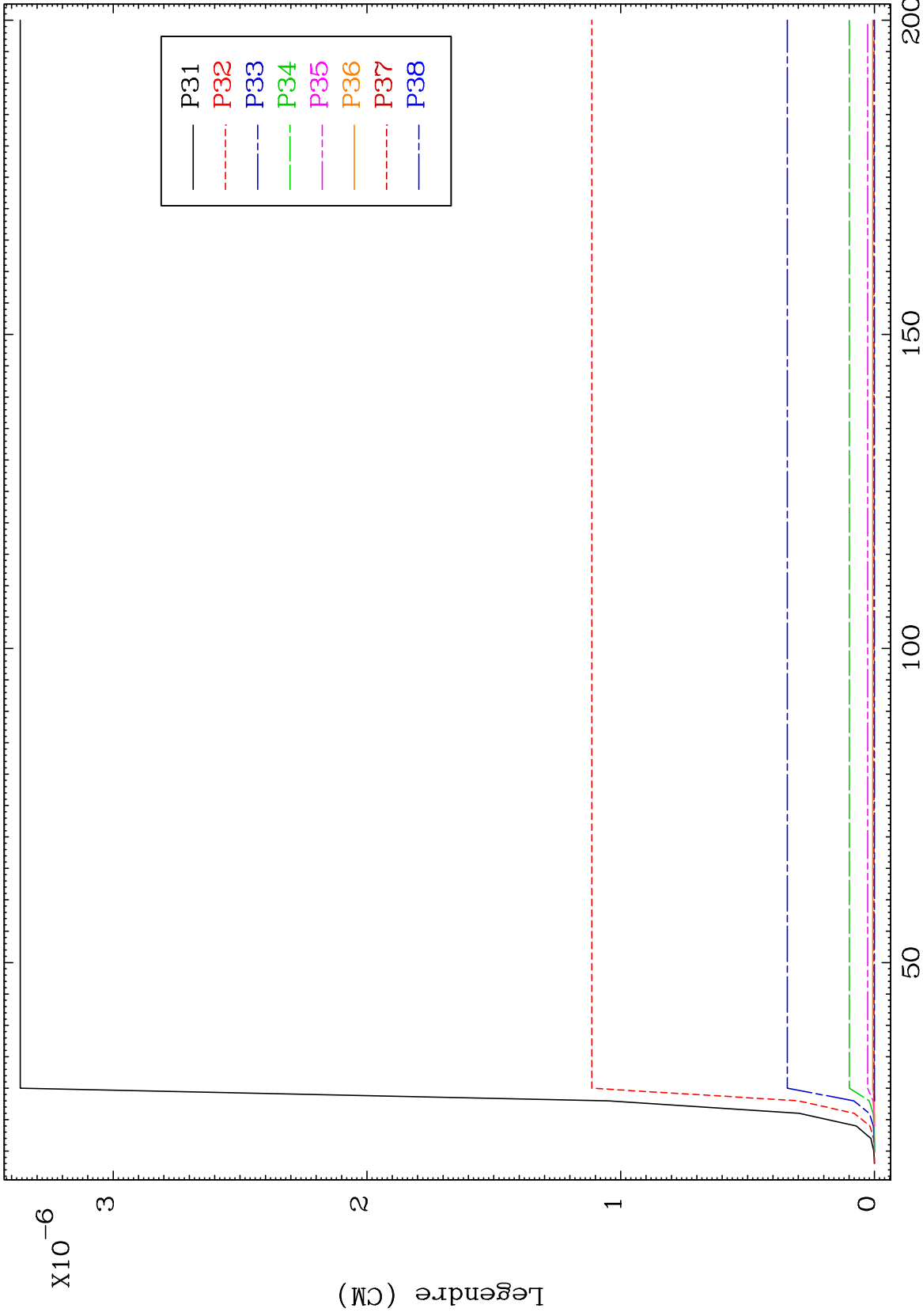




MAT 8546

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

85-At-210

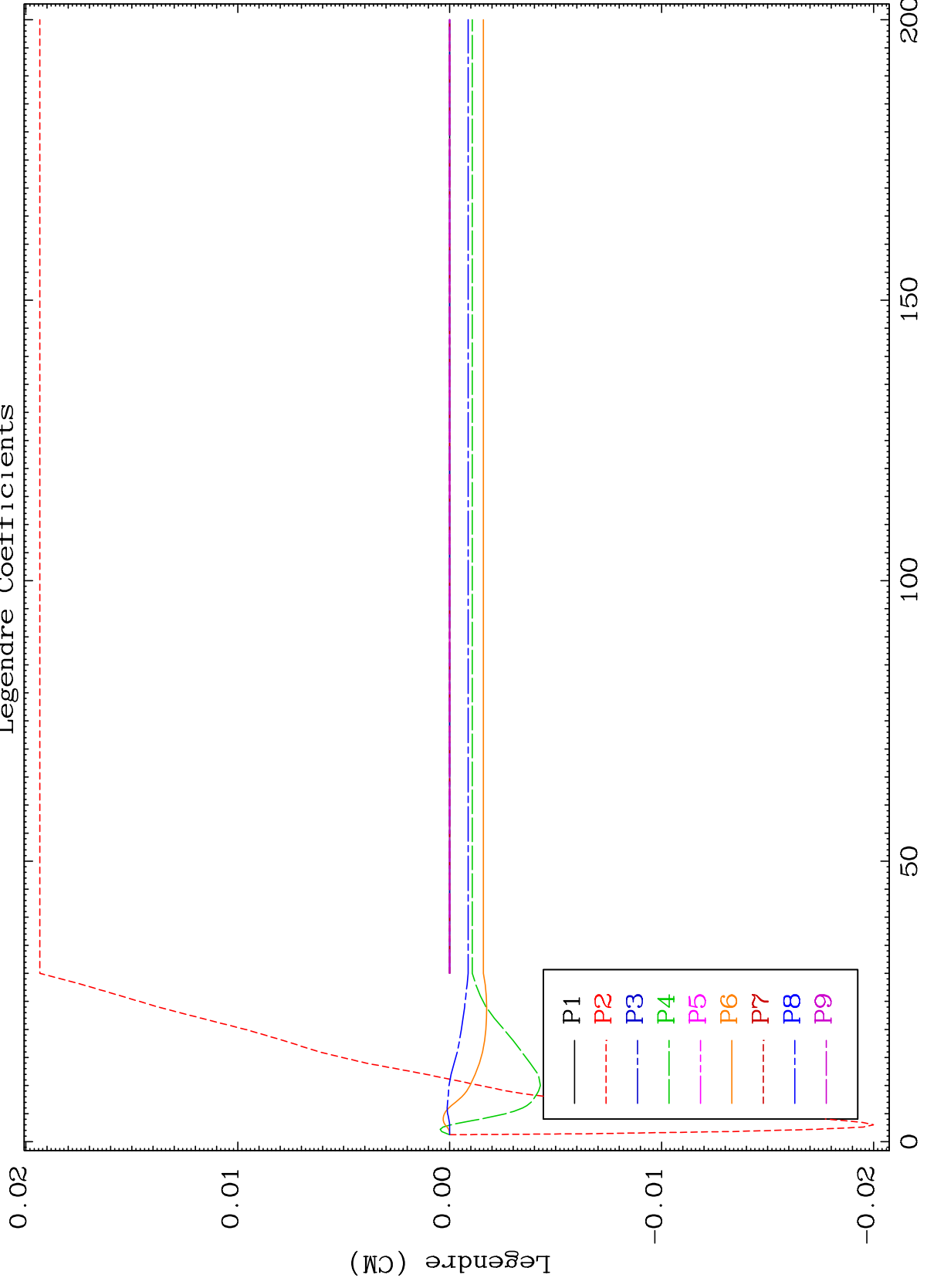


72

Incident Energy (MeV)

85-At-210

MAT 8546 MT= 66 (n,n') Level Legendre Coefficients 85-At-210

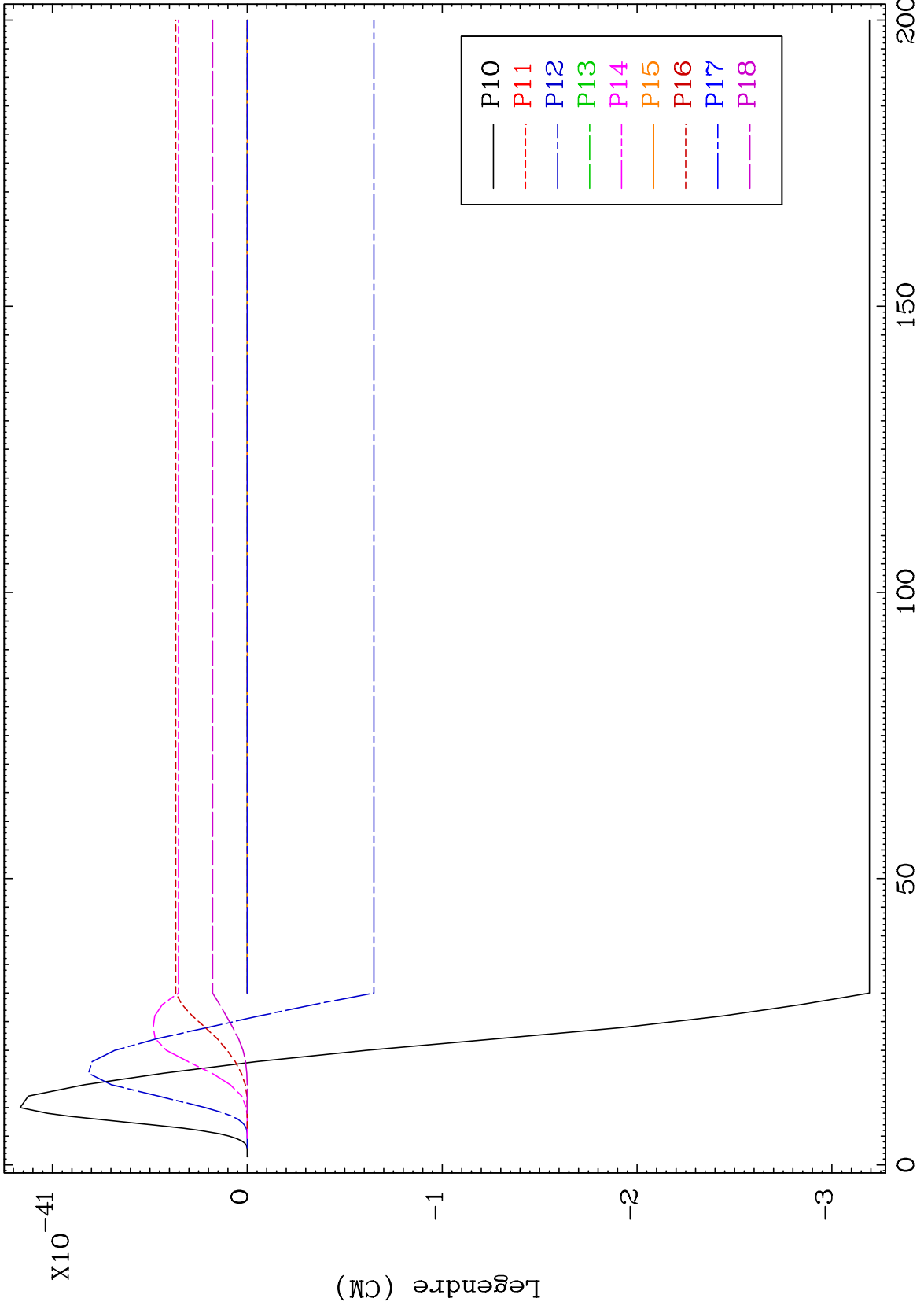


73 85-At-210

MAT 8546

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

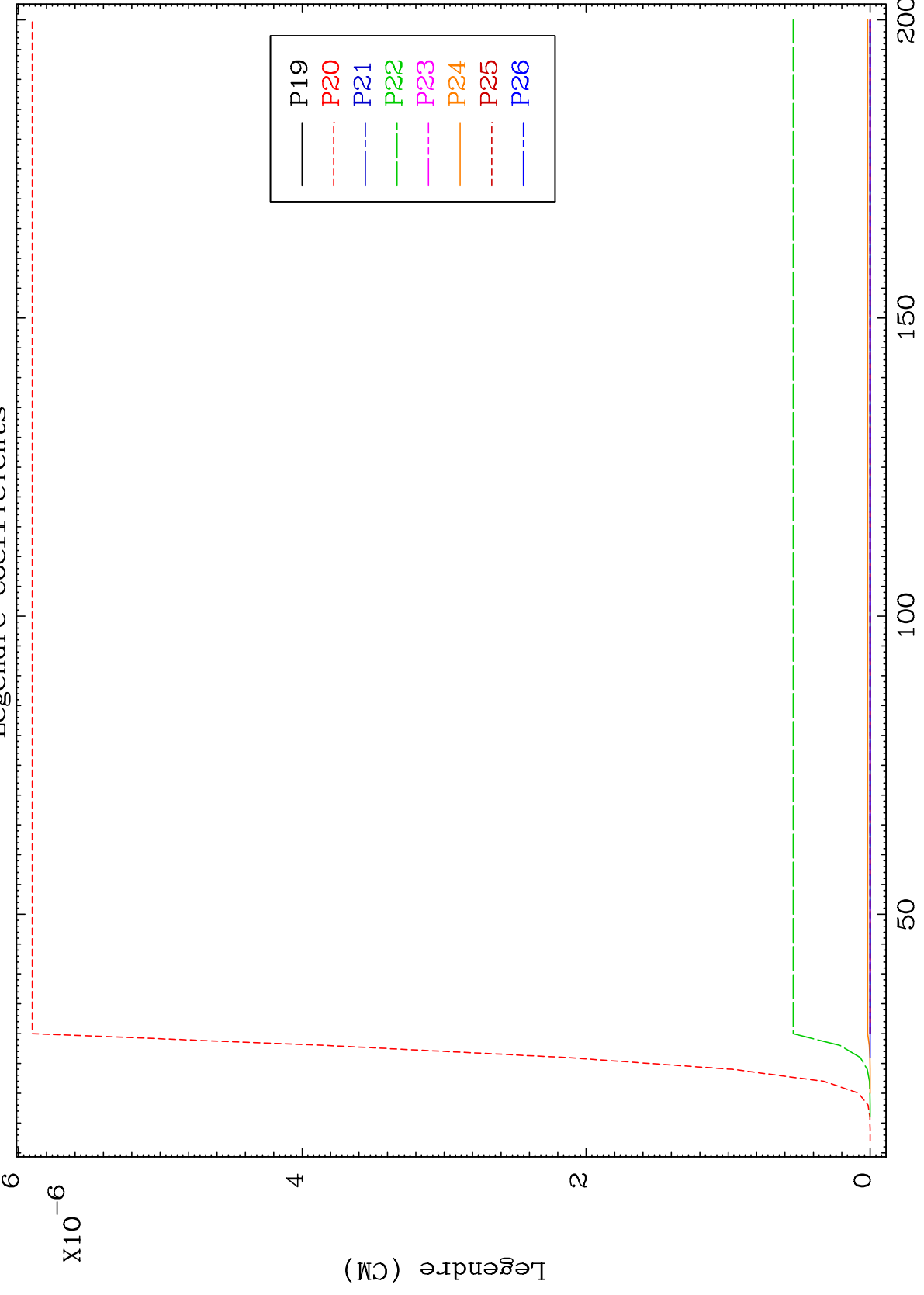
85-At-210



74

85-At-210

MAT 8546 MT= 66 (n,n') Level Legendre Coefficients 85-At-210

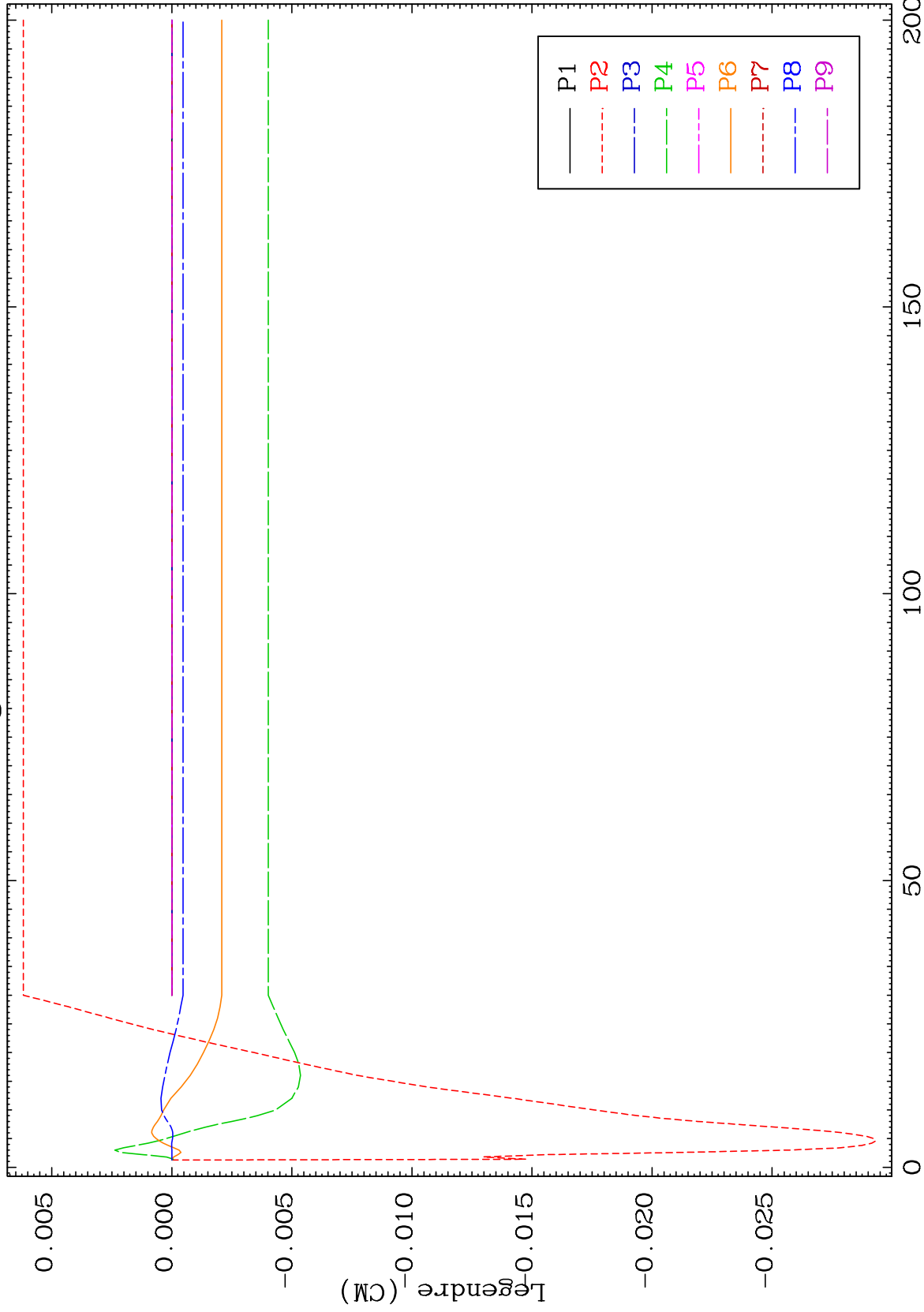


75 Incident Energy (MeV) 85-At-210

MAT 8546

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

85-At-210



76

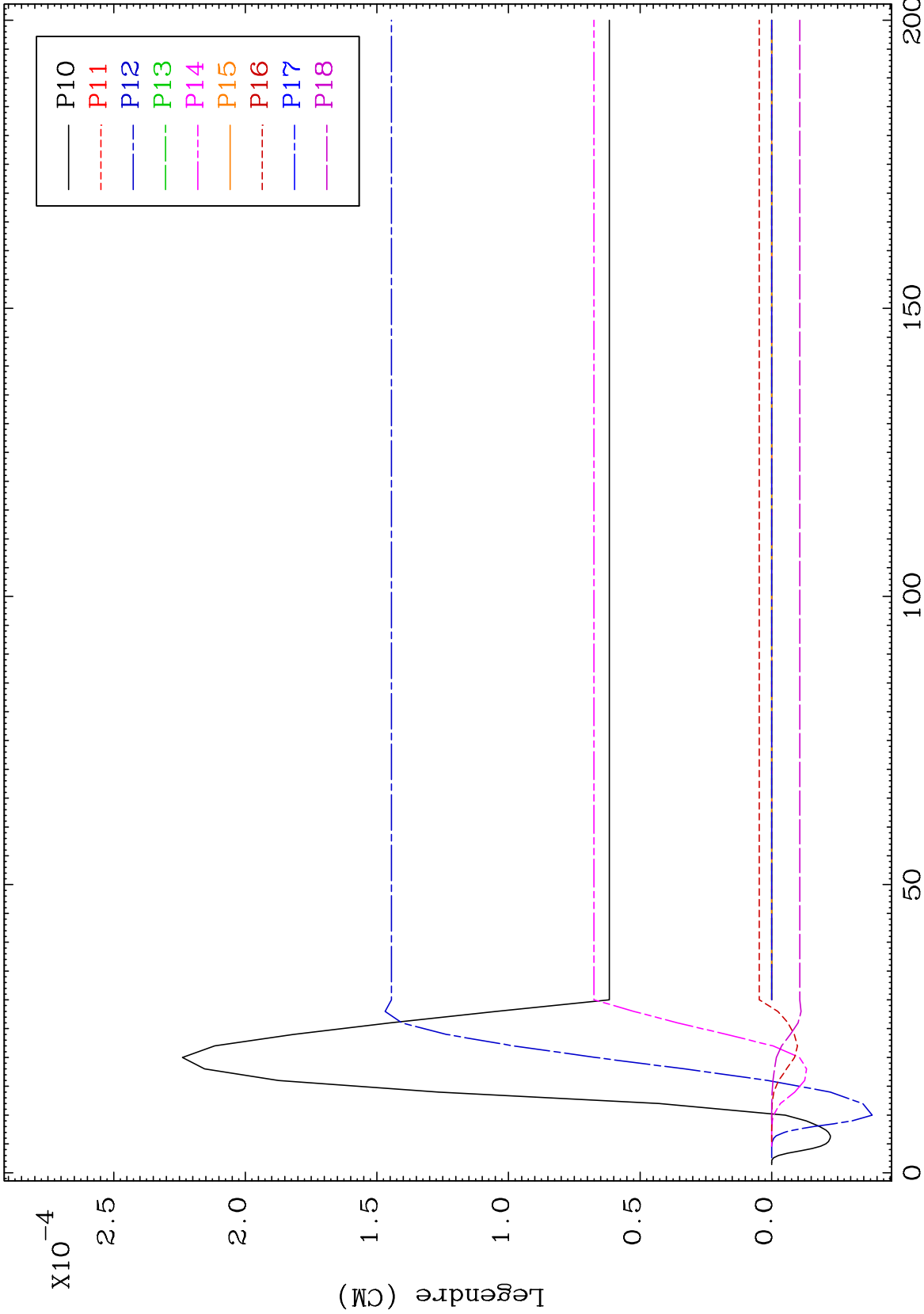
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210

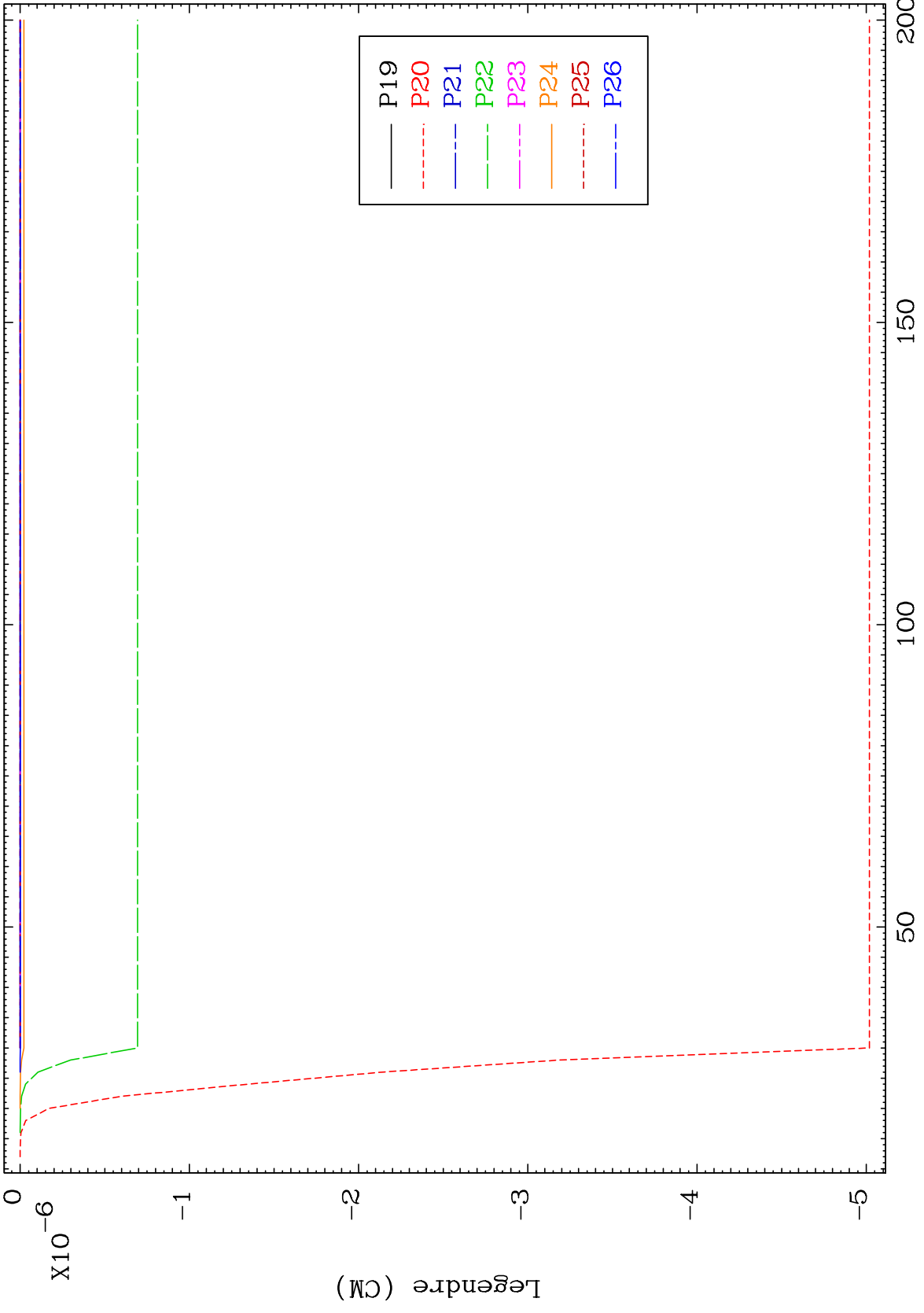


77

Incident Energy (MeV)

85-At-210

MAT 8546 MT= 67 (n,n') Level Legendre Coefficients 85-At-210

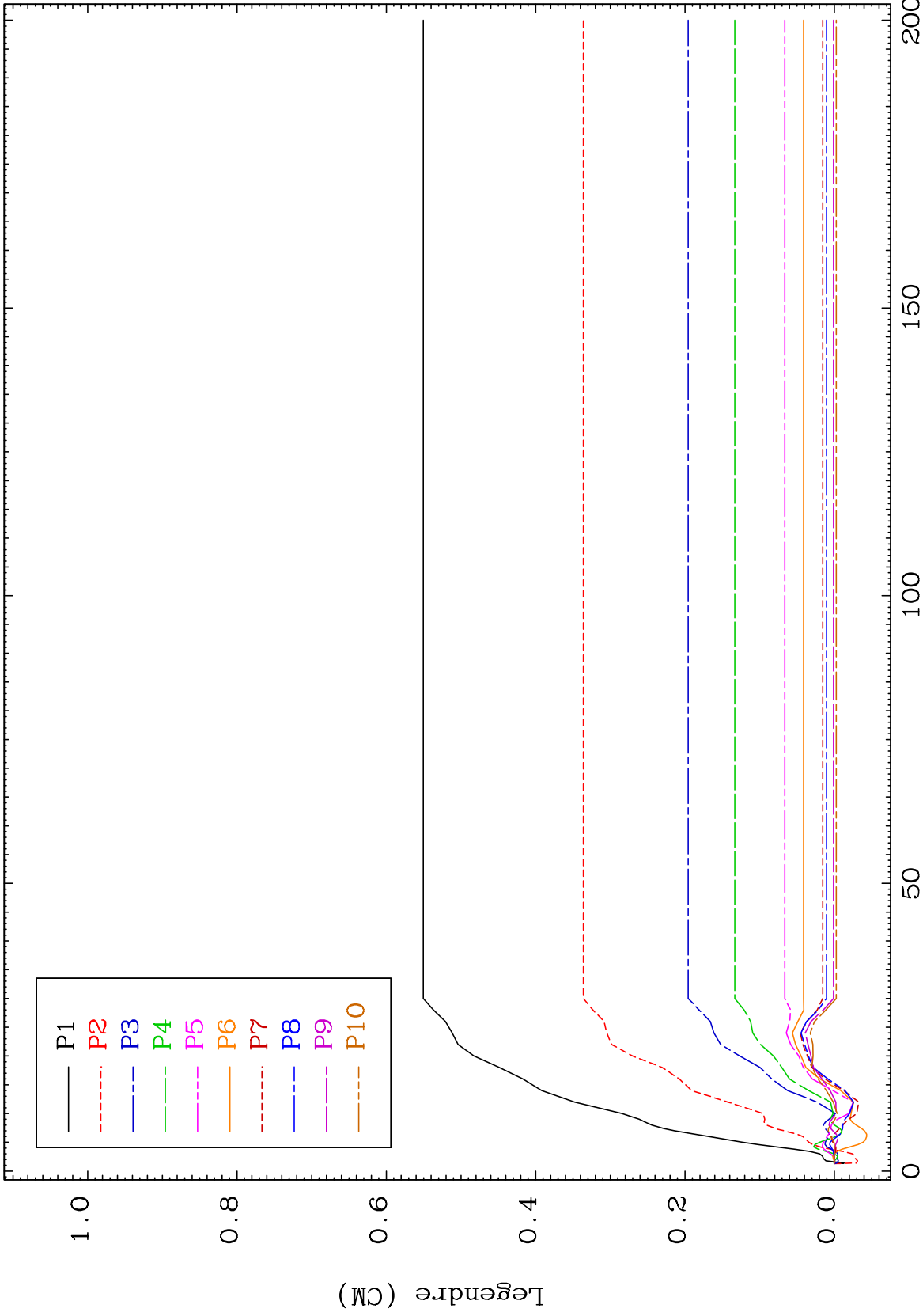


78 85-At-210

MAT 8546

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

85-At-210



79

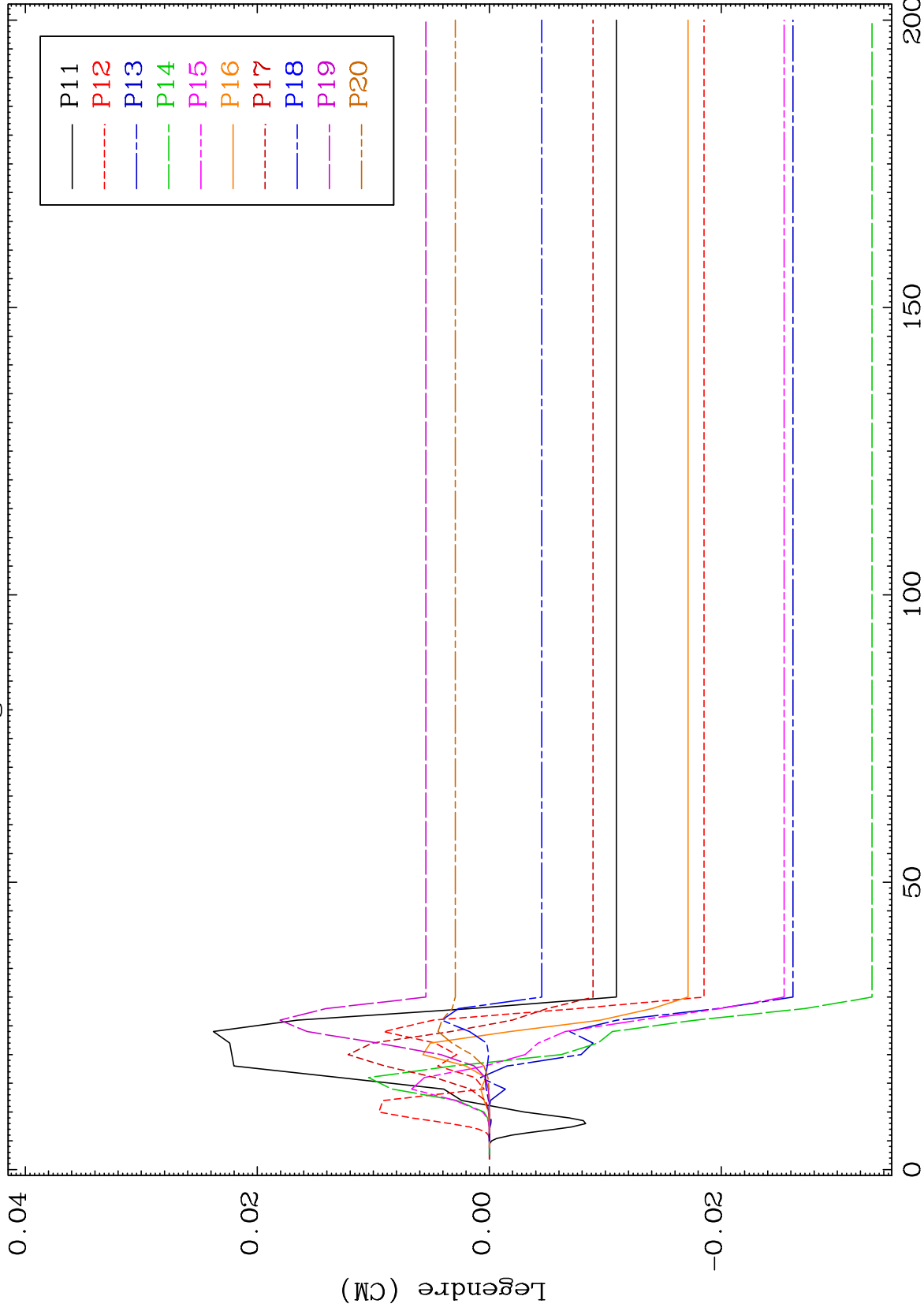
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



80

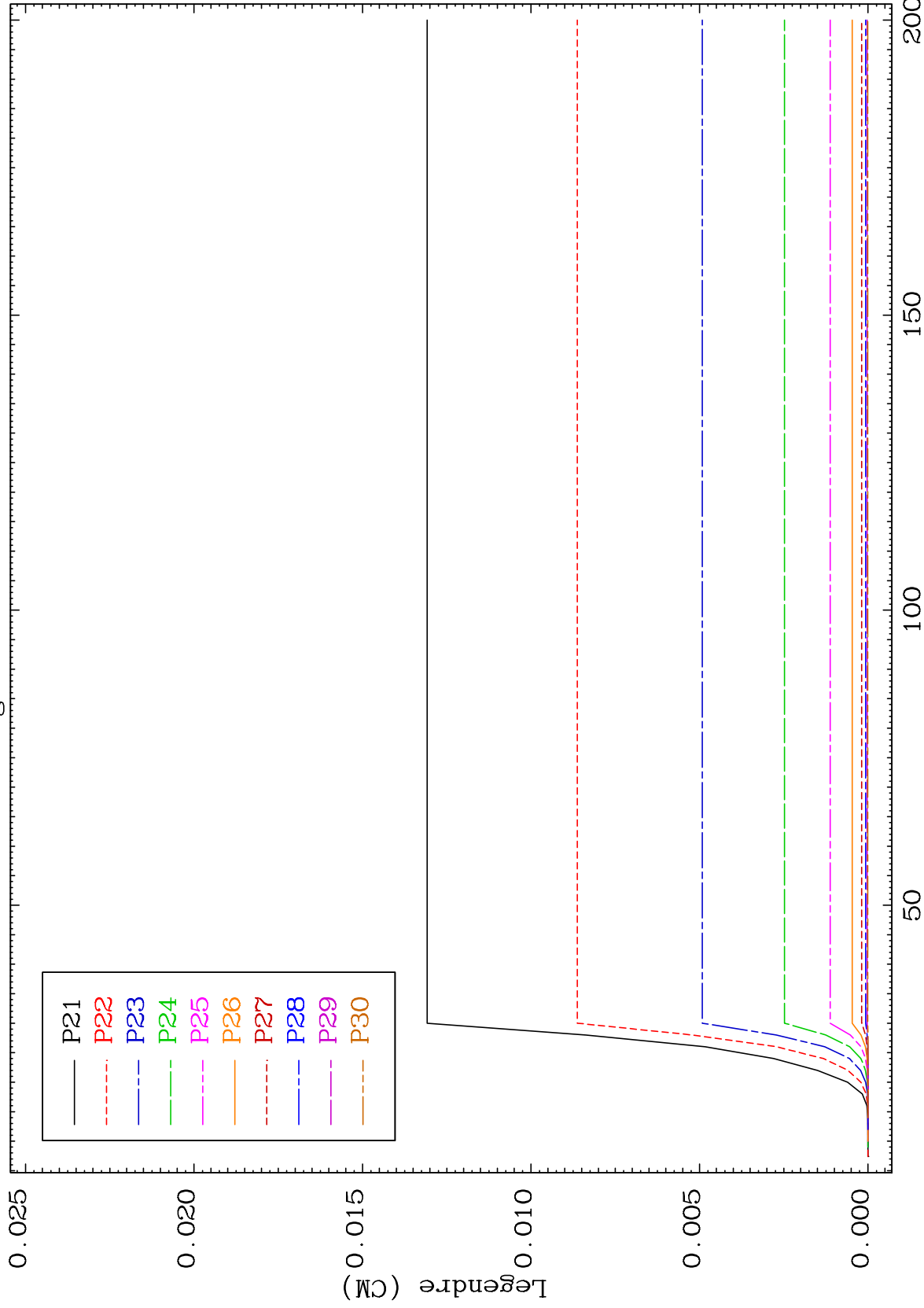
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



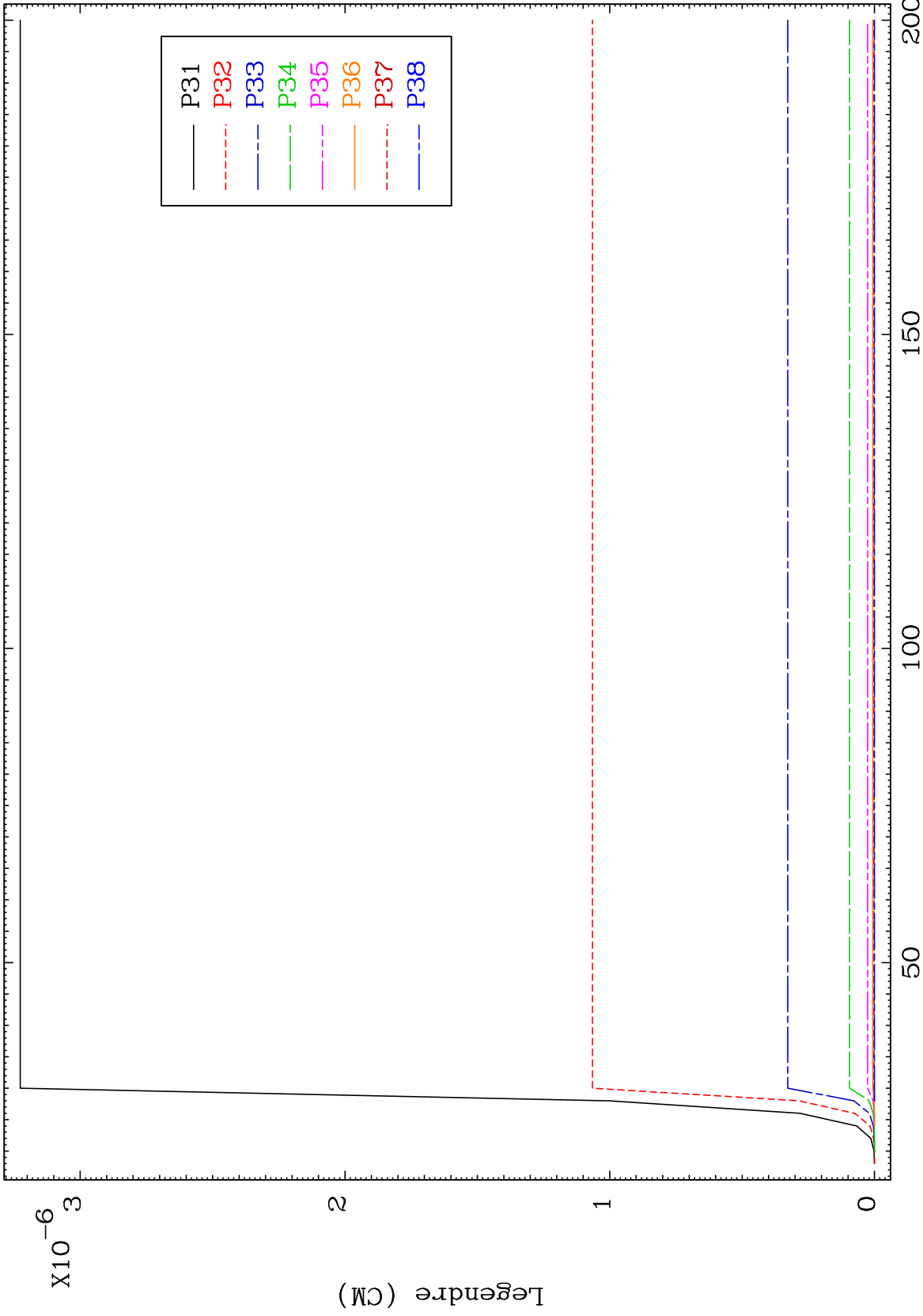
81

85-At-210

MAT 8546

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

85-At-210



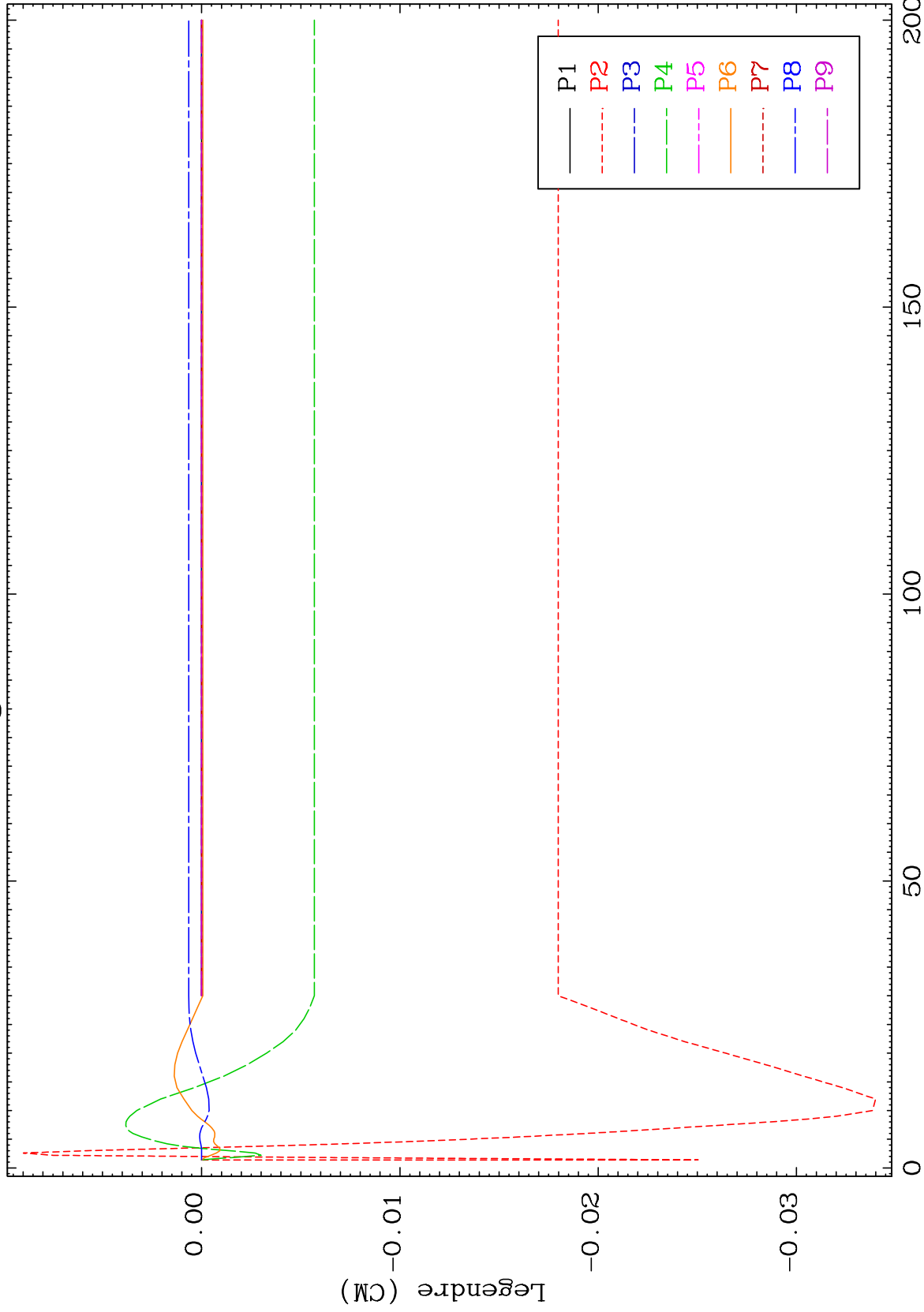
82

85-At-210

MAT 8546

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

85-At-210



83

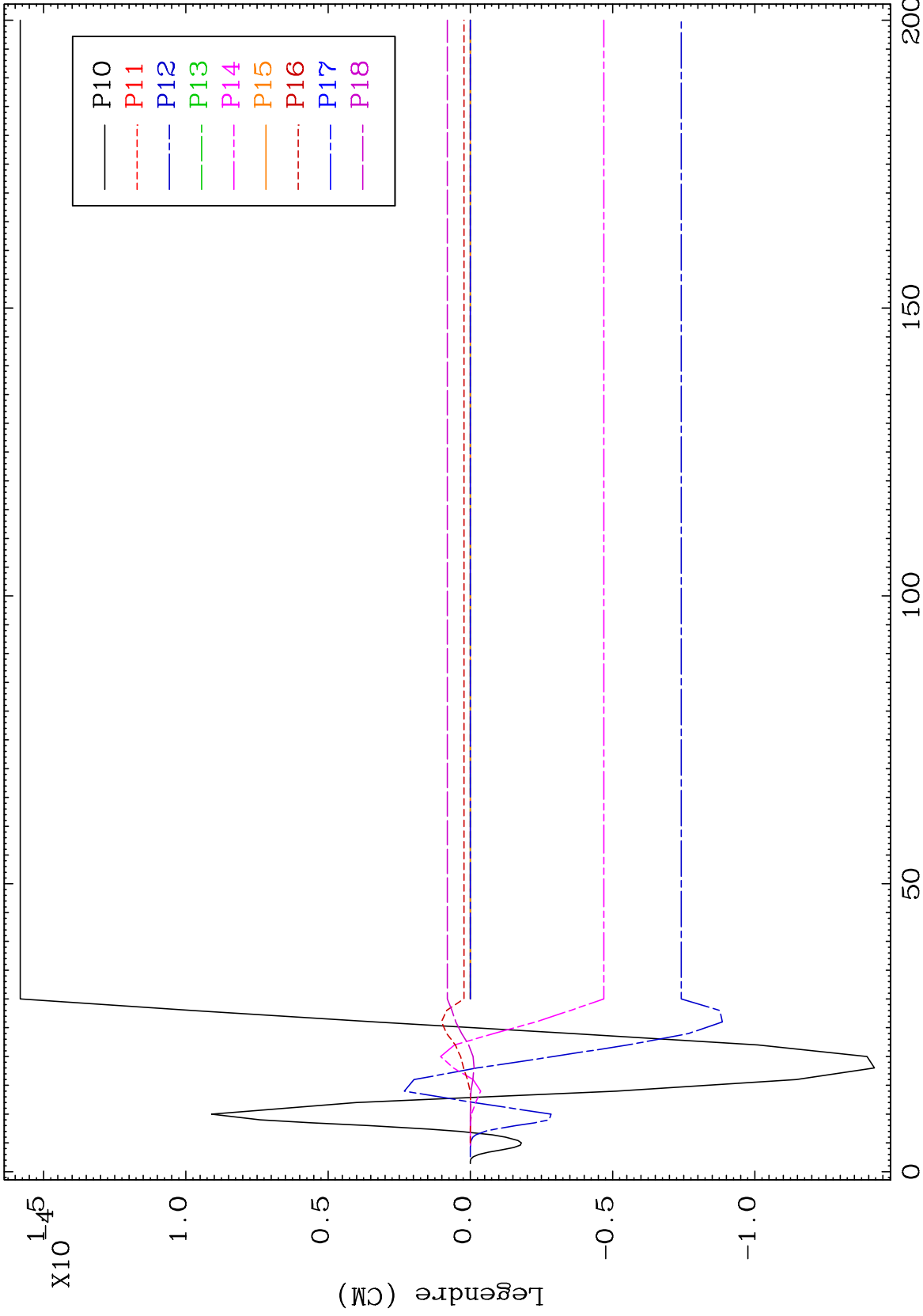
Incident Energy (MeV)

85-At-210

MAT 8546

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

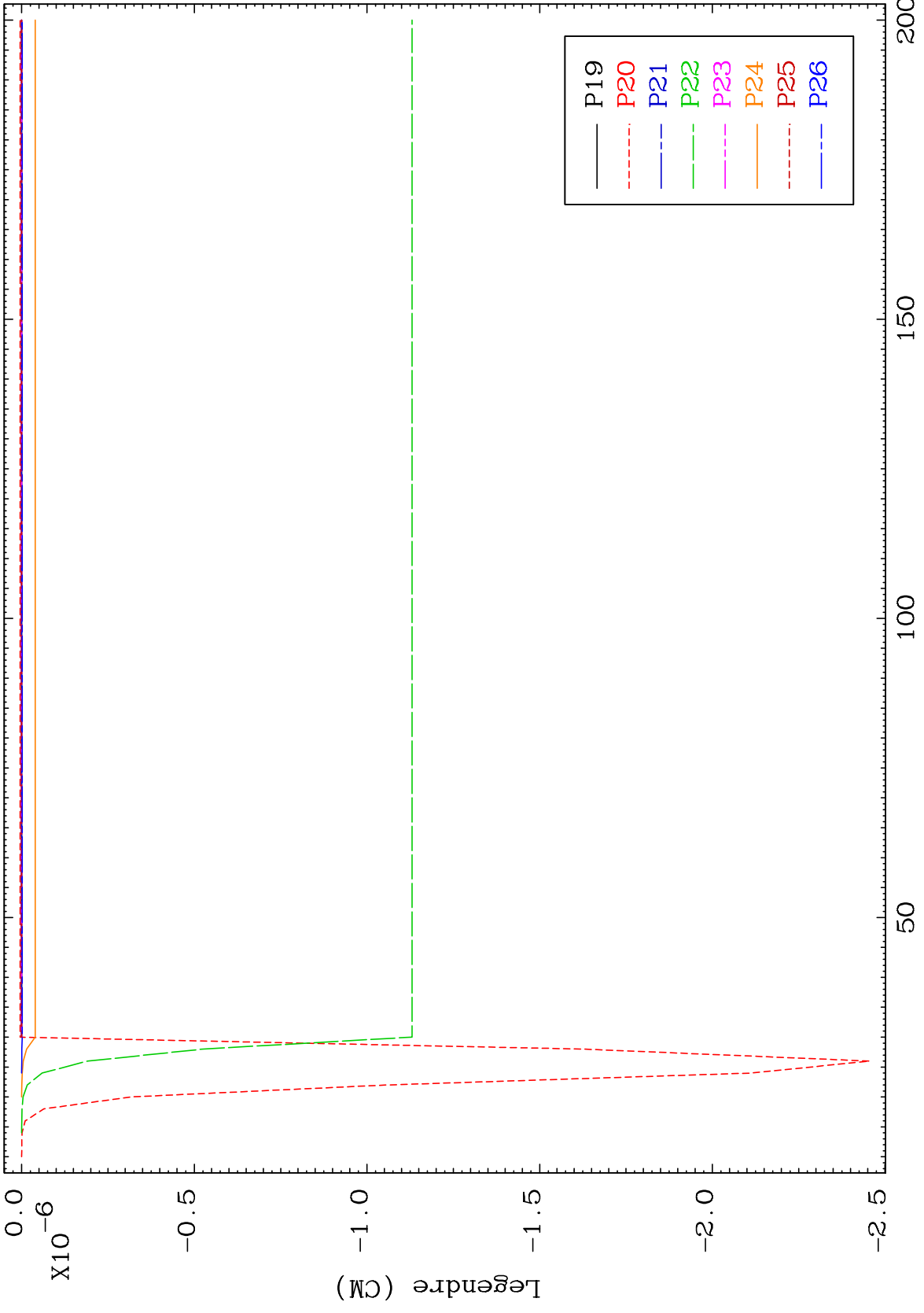
85-At-210



84

85-At-210

MAT 8546 MT= 69 (n,n') Level Legendre Coefficients 85-At-210

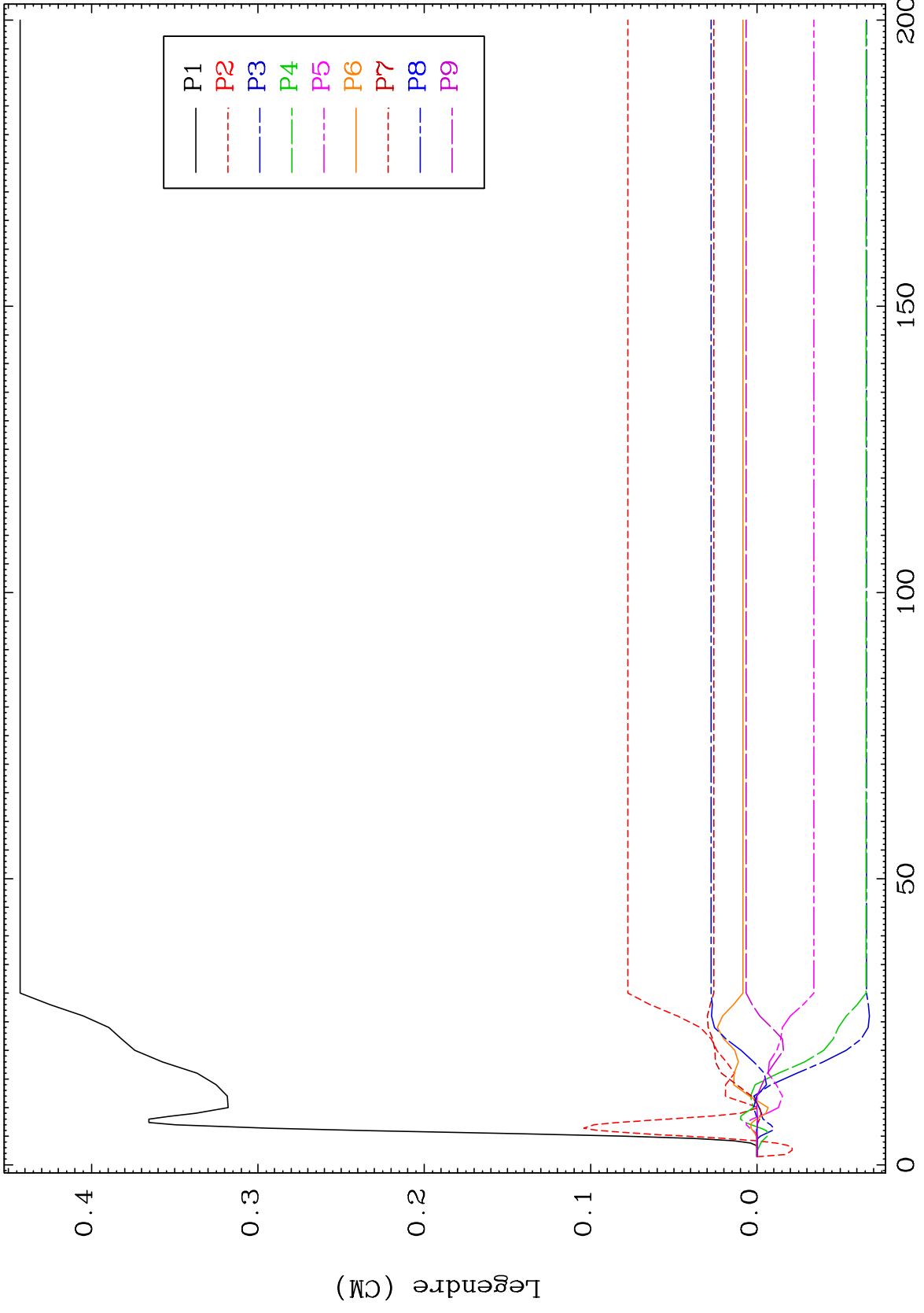


85 85-At-210 Incident Energy (MeV)

MAT 8546

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

85-At-210

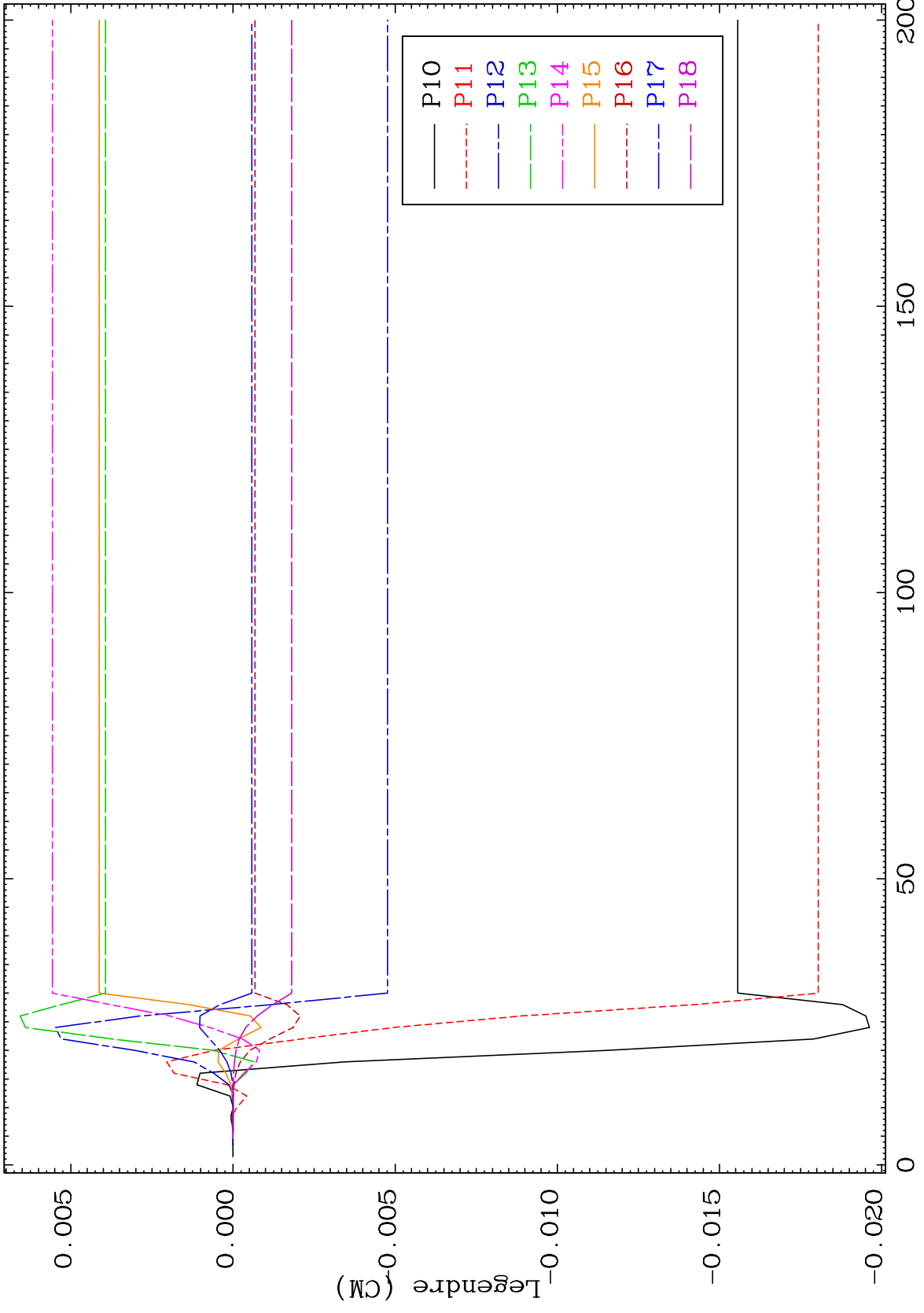


86

Incident Energy (MeV)

85-At-210

MAT 8546 MT= 70 (n,n') Level Legendre Coefficients 85-At-210

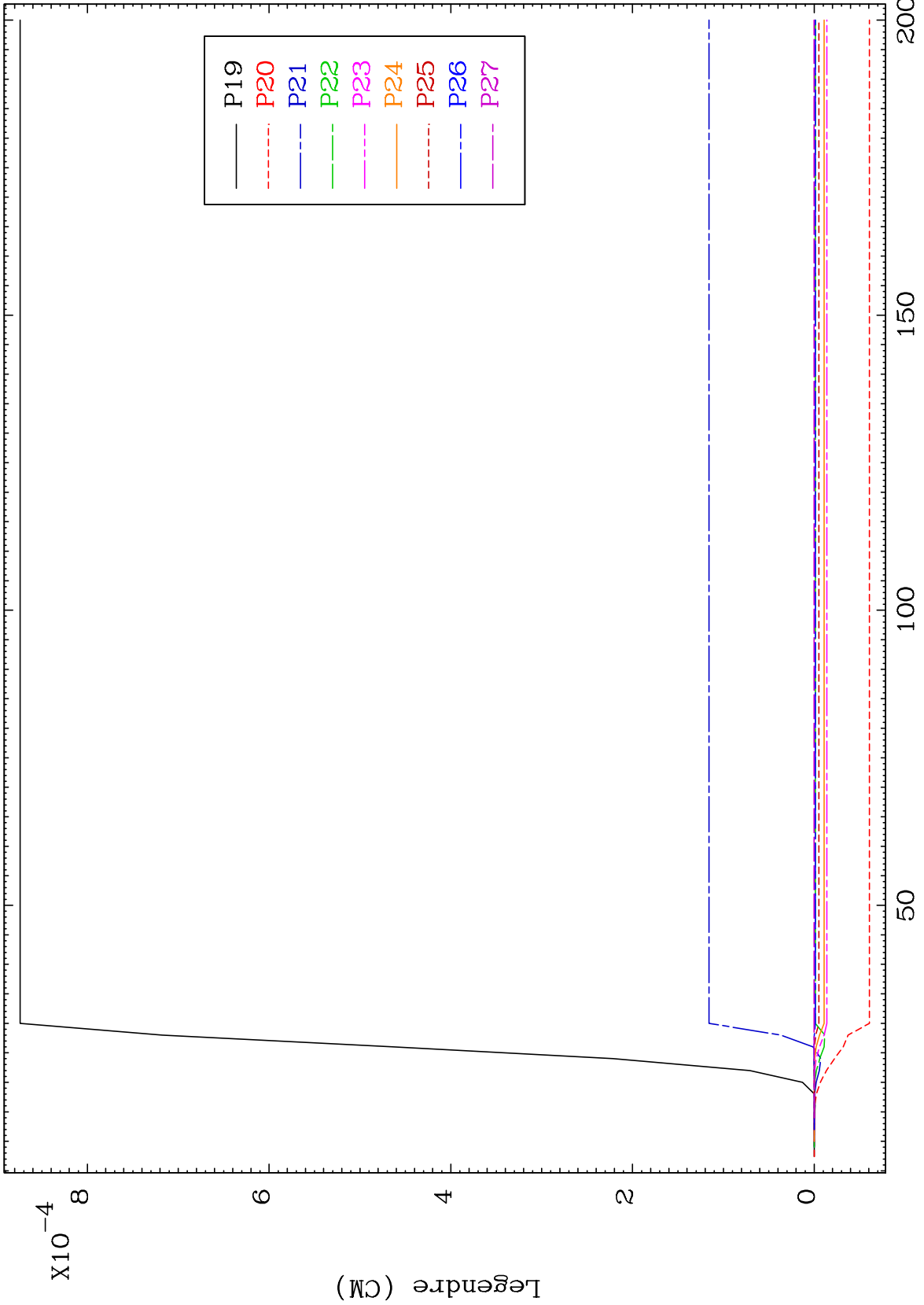


87 85-At-210

MAT 8546

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

85-At-210



88

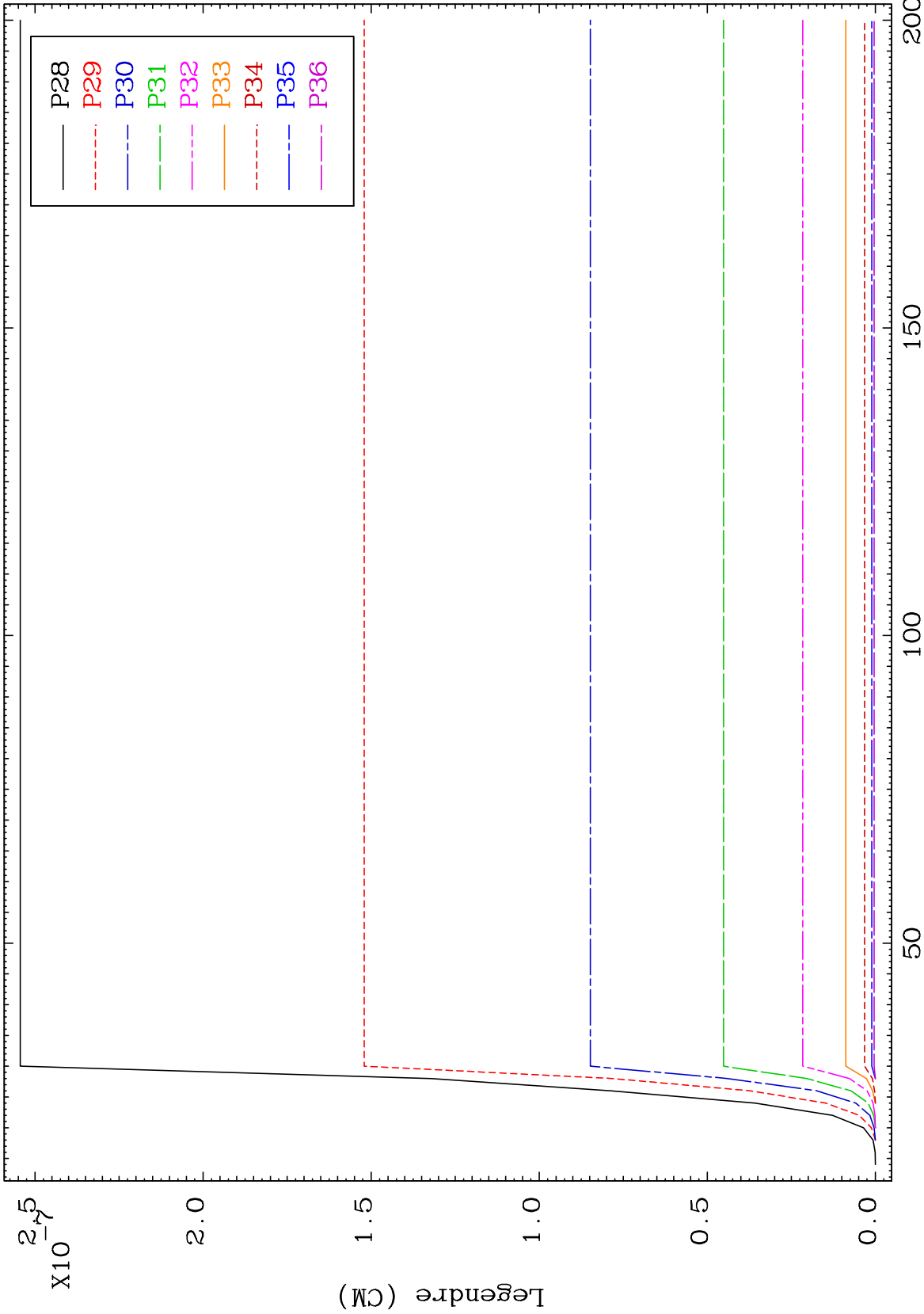
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



89

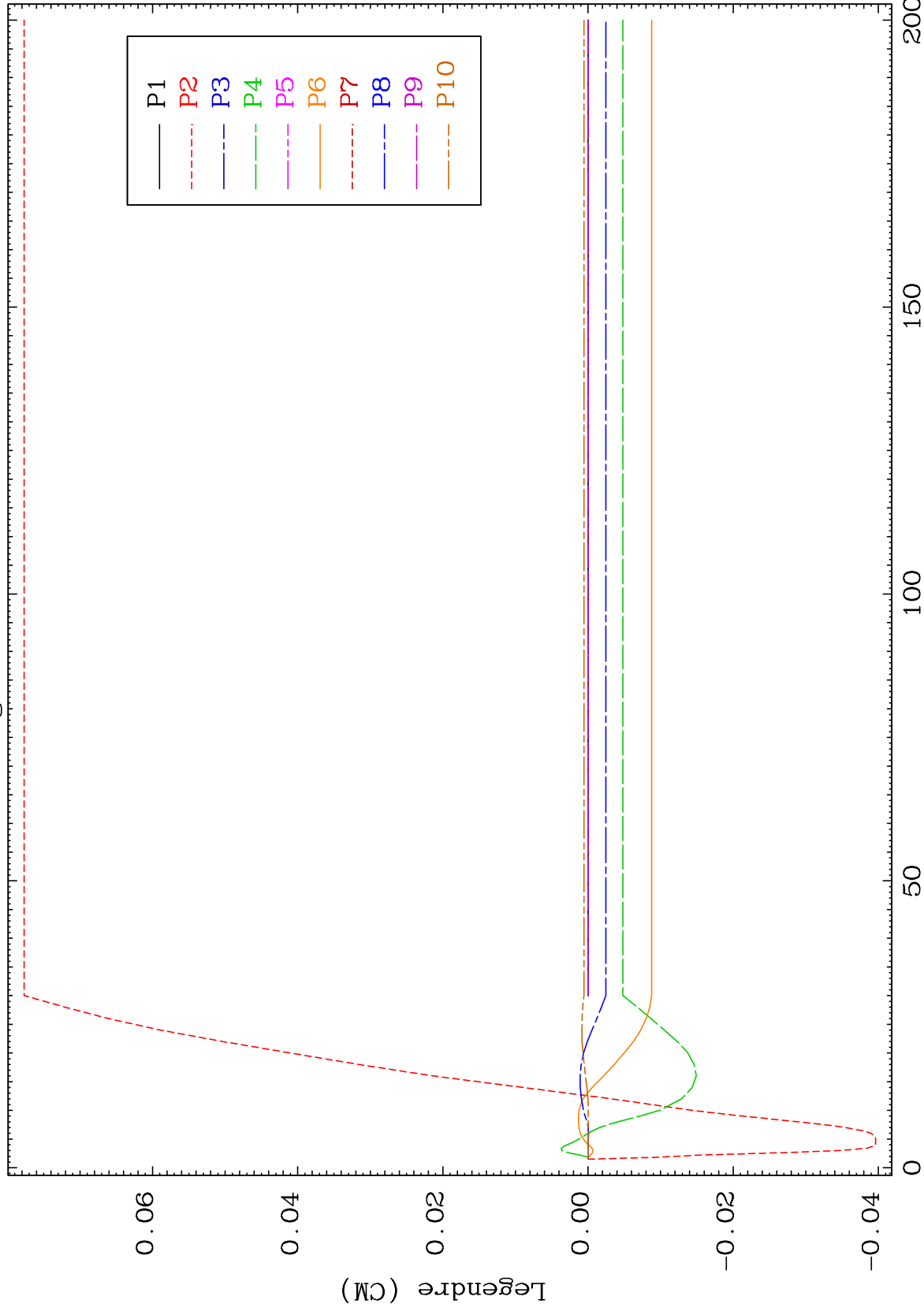
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



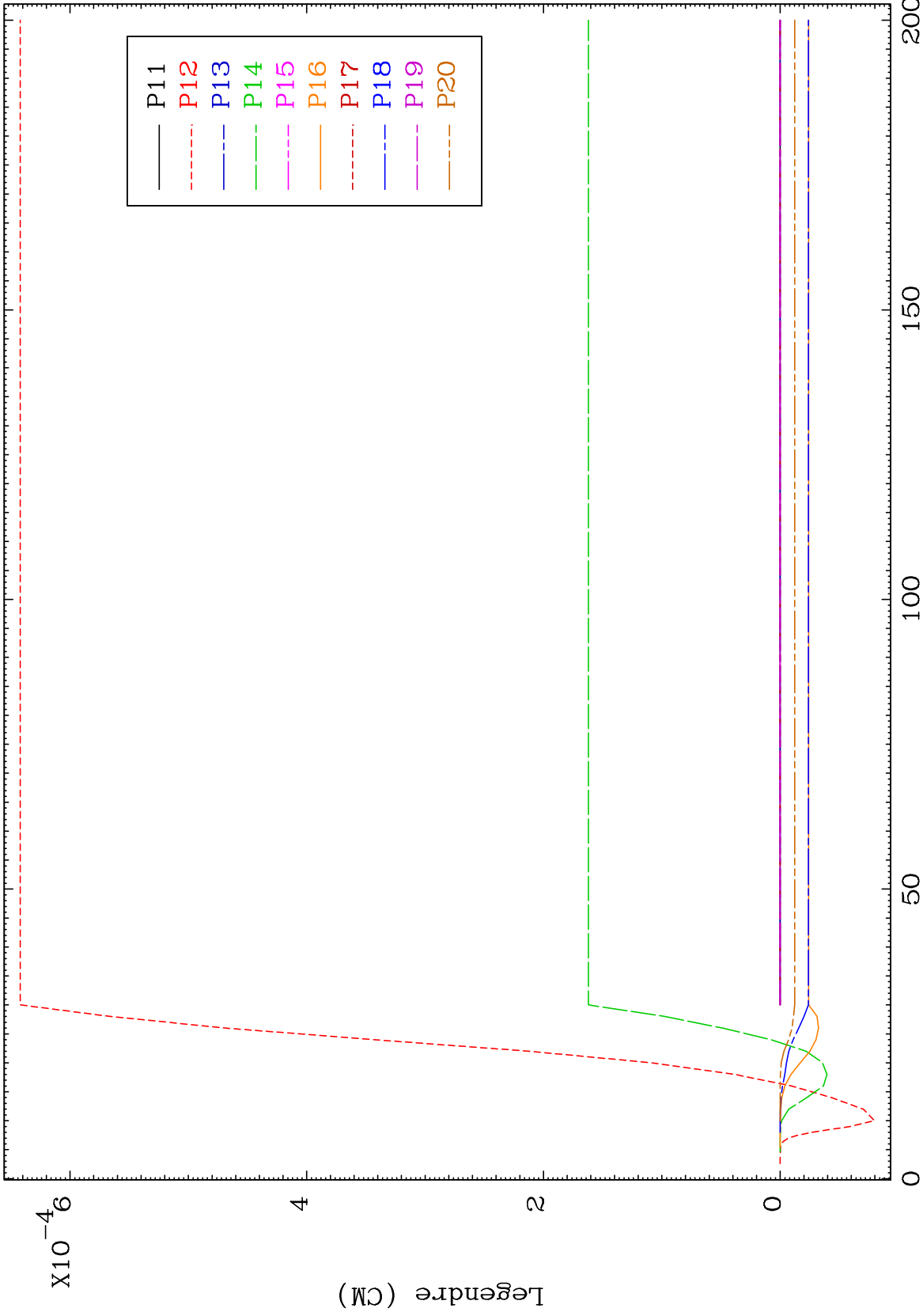
85-At-210

Incident Energy (MeV)

MAT 8546

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

85-At-210

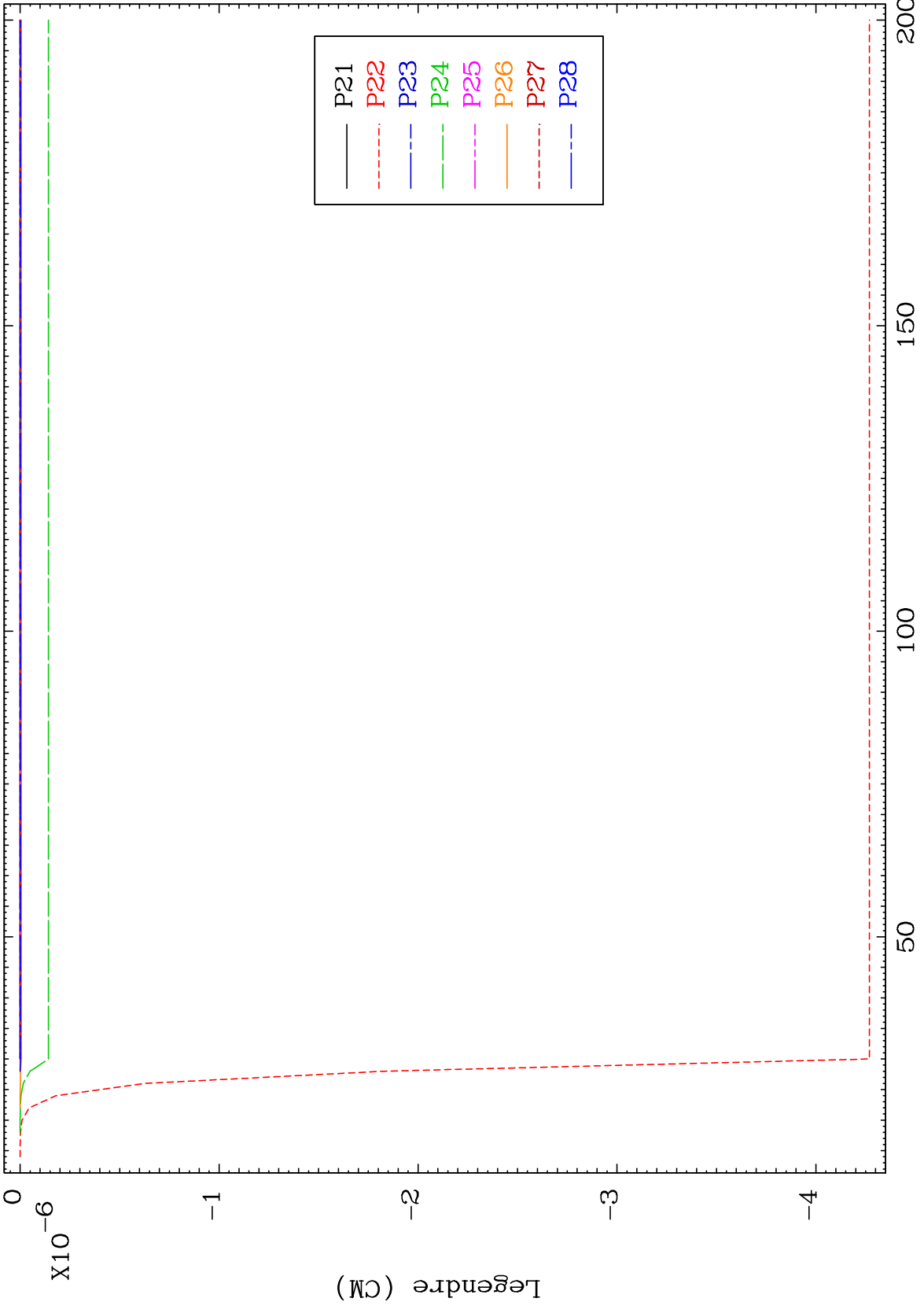


91

Incident Energy (MeV)

85-At-210

MAT 8546 MT= 71 (n,n') Level Legendre Coefficients 85-At-210

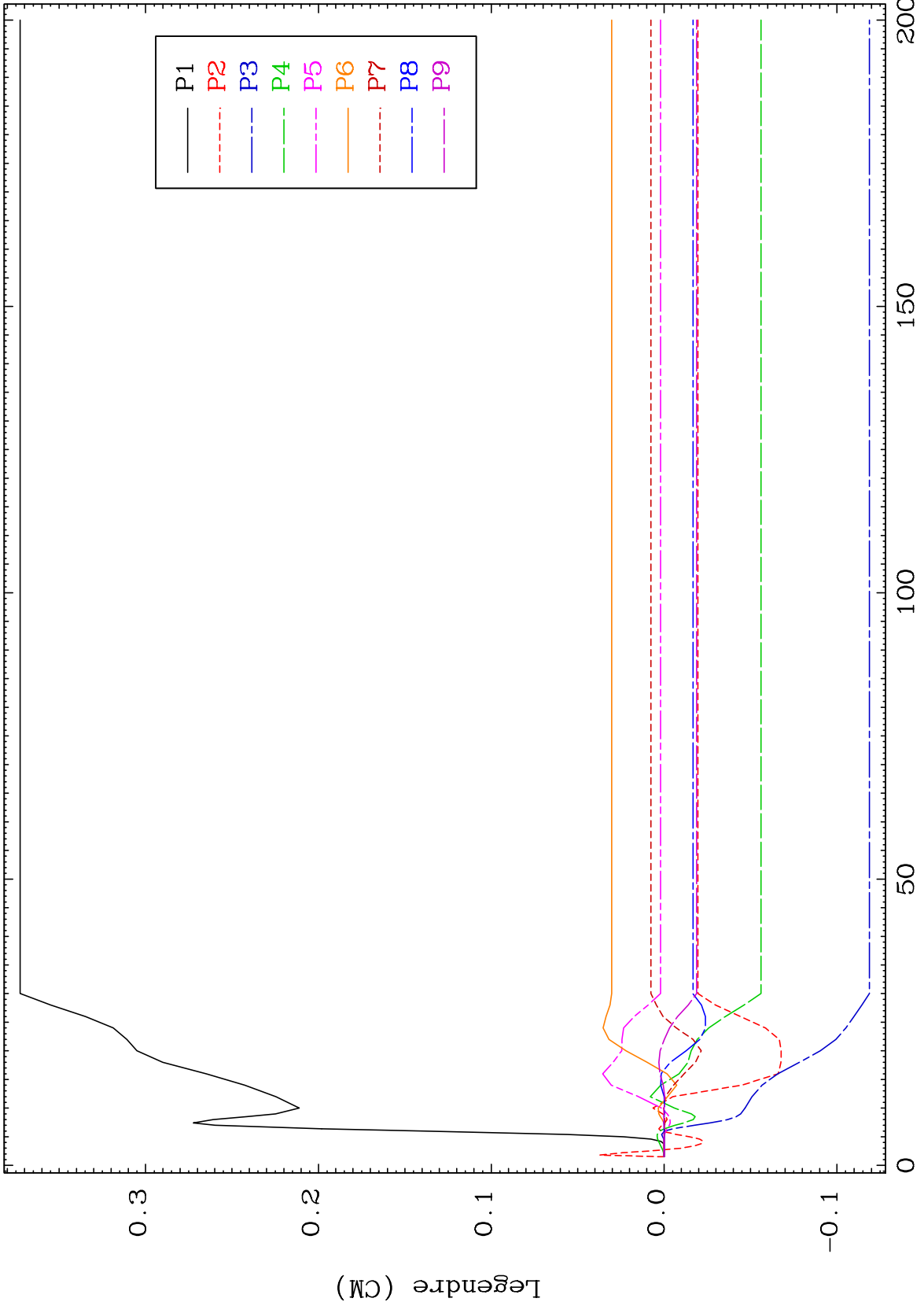


92 85-At-210

MAT 8546

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

85-At-210



93

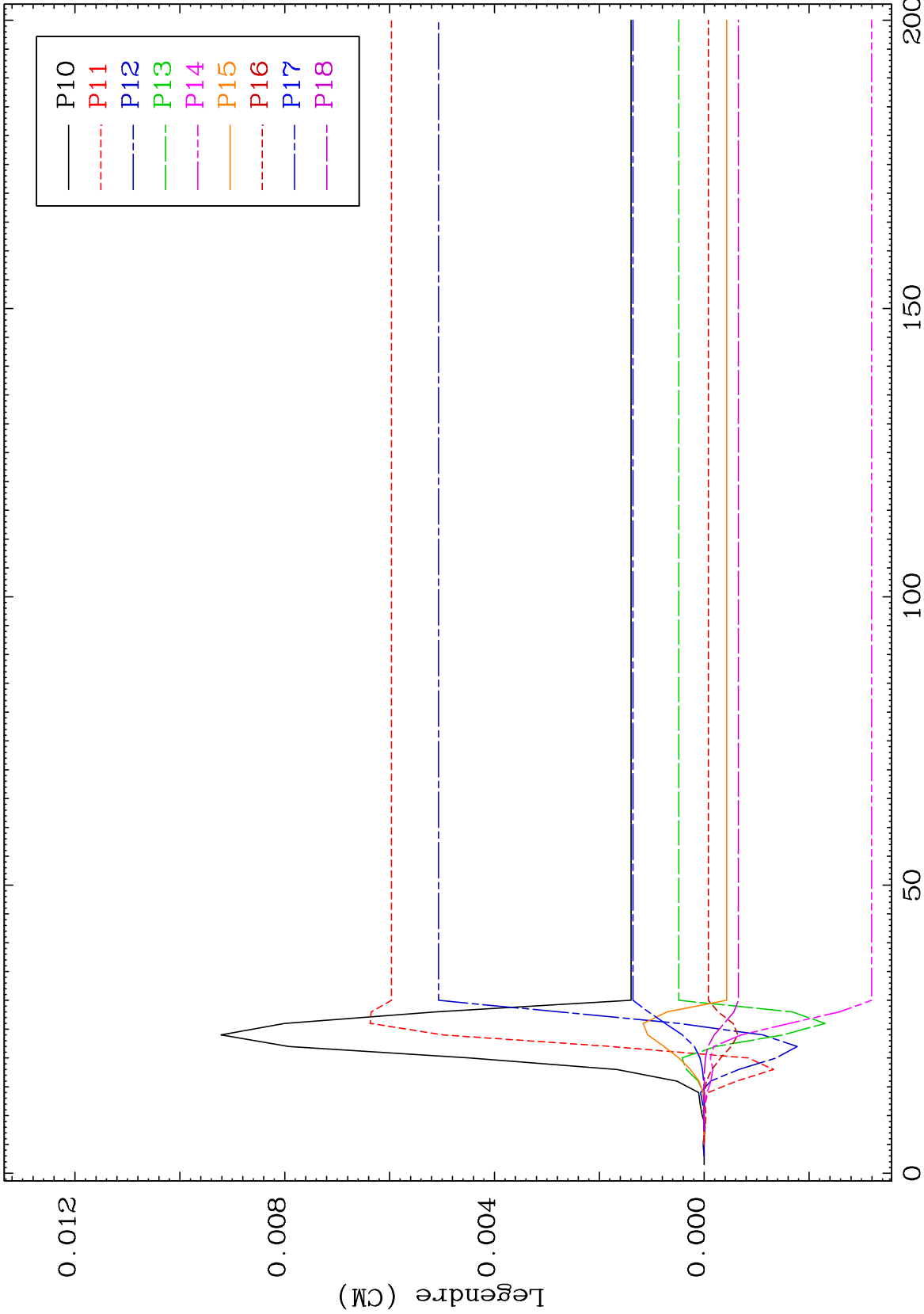
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



94

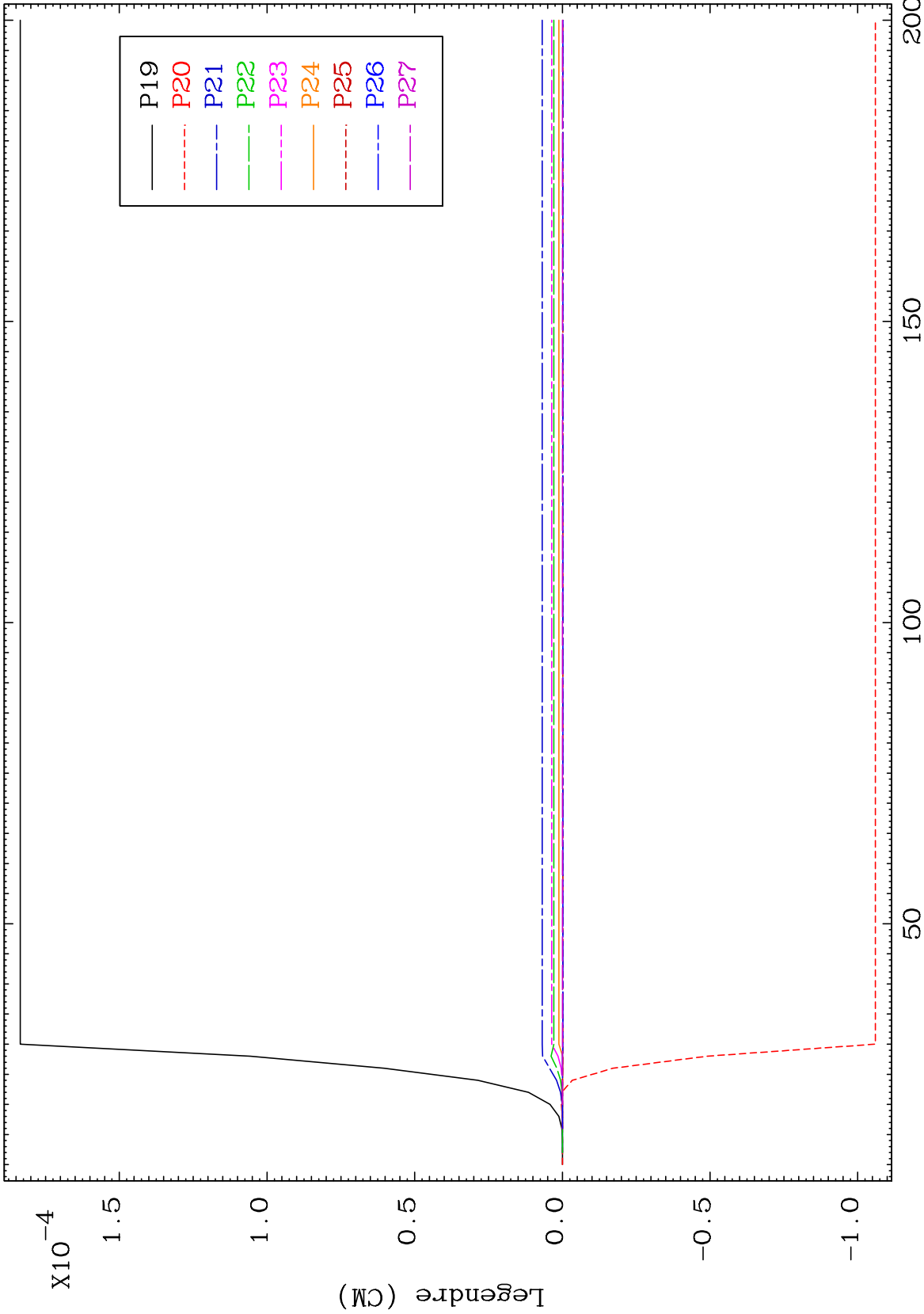
Incident Energy (MeV)

85-At-210

MAT 8546

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

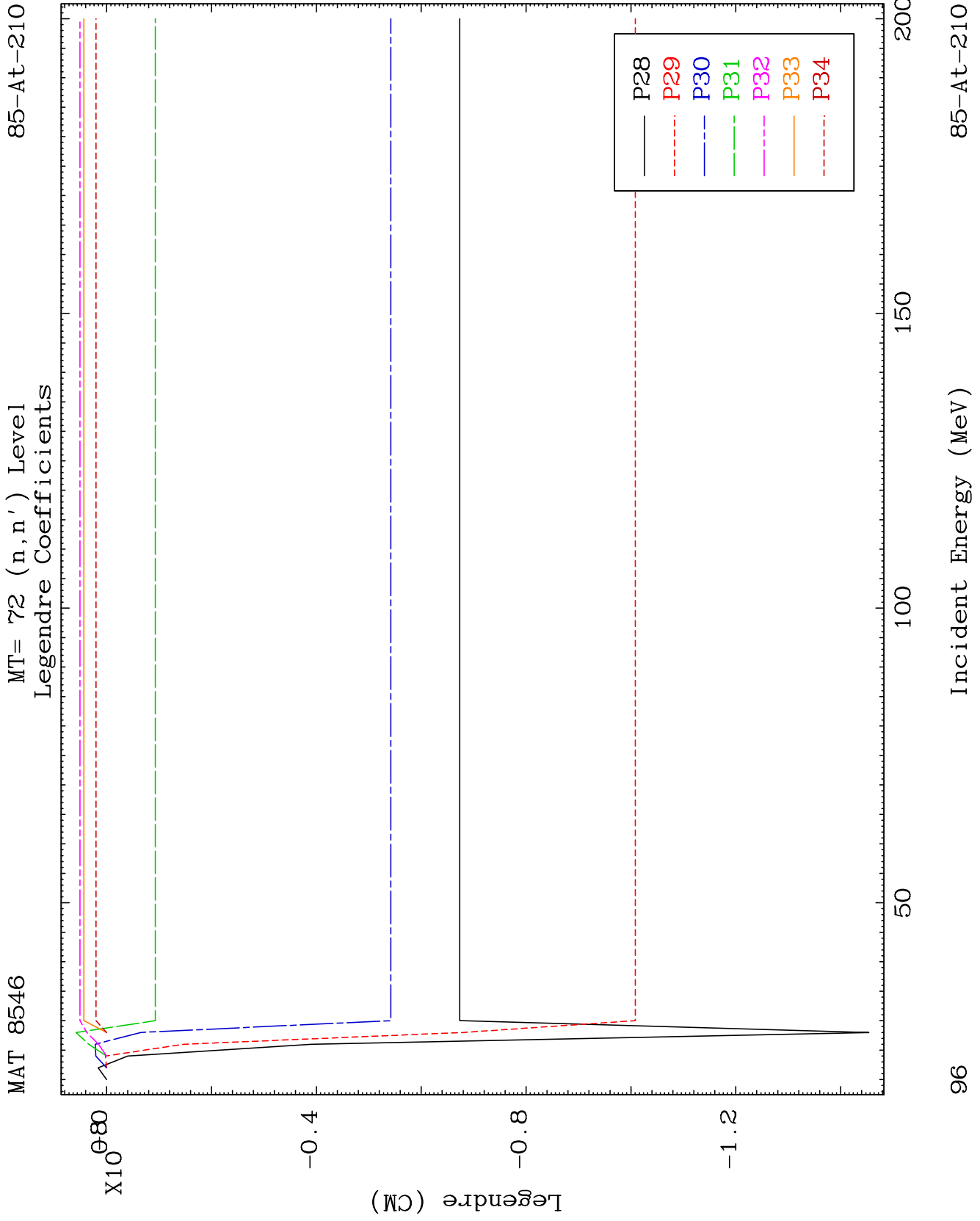
85-At-210



95

Incident Energy (MeV)

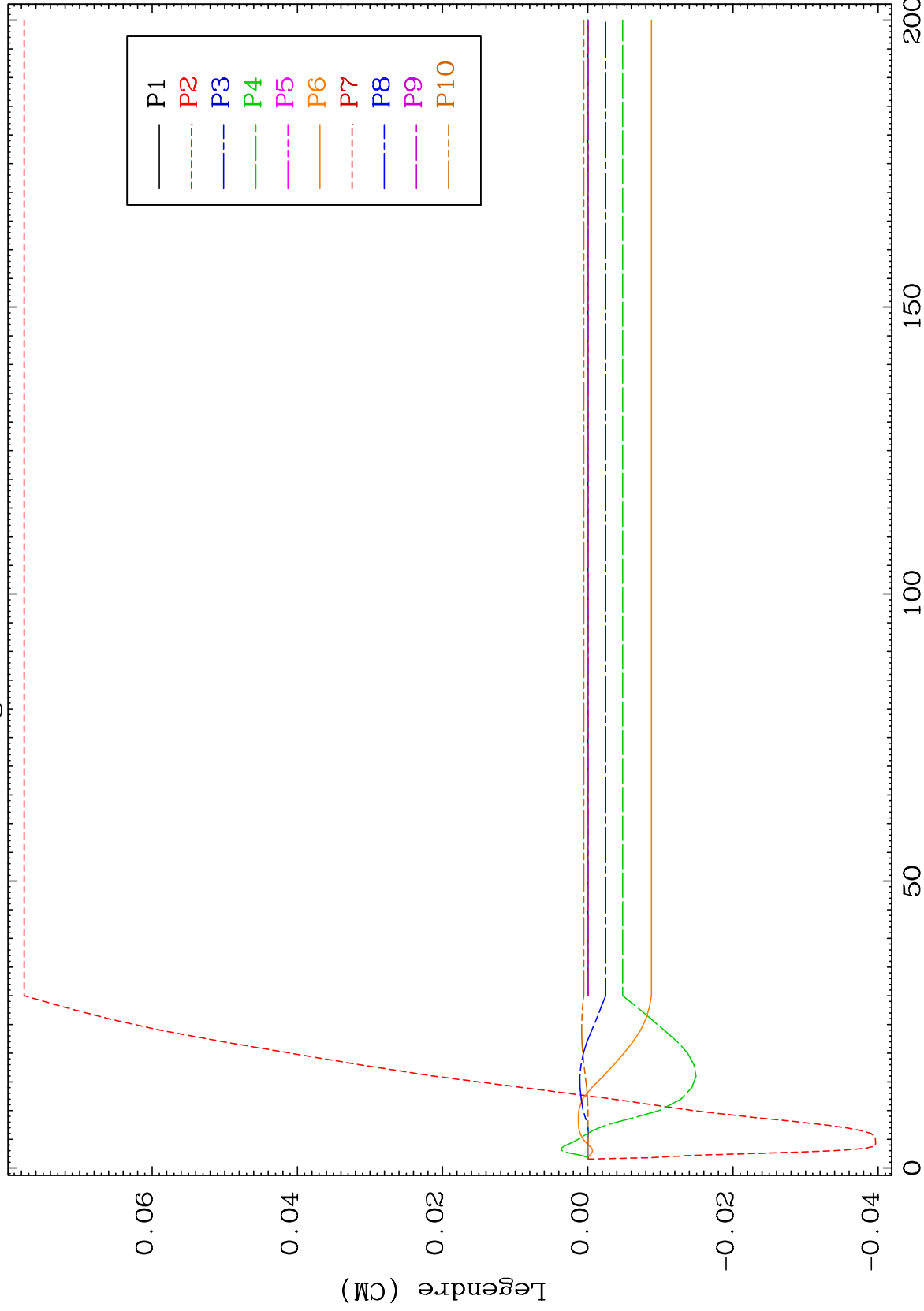
85-At-210



MAT 8546

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

85-At-210



97

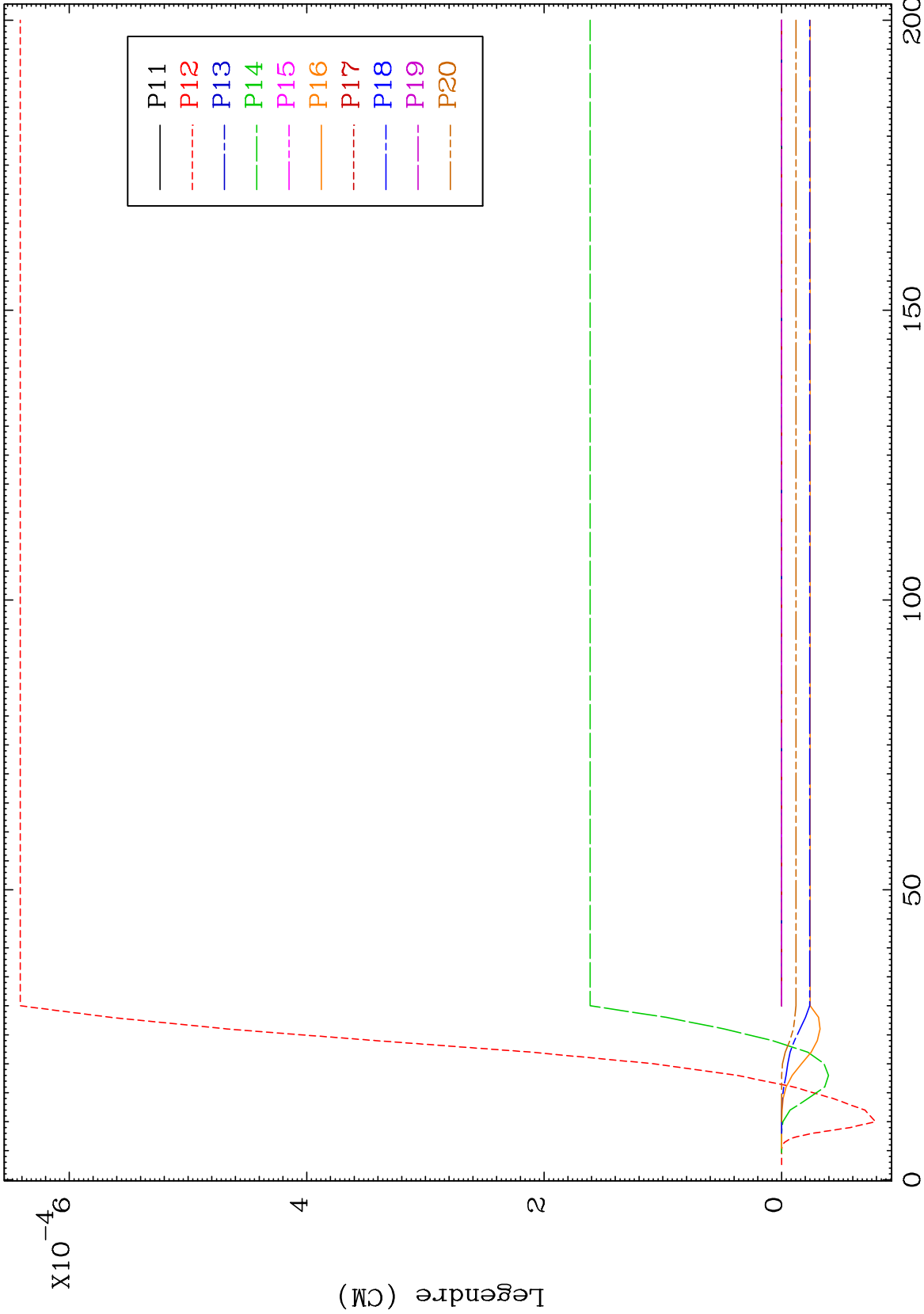
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



98

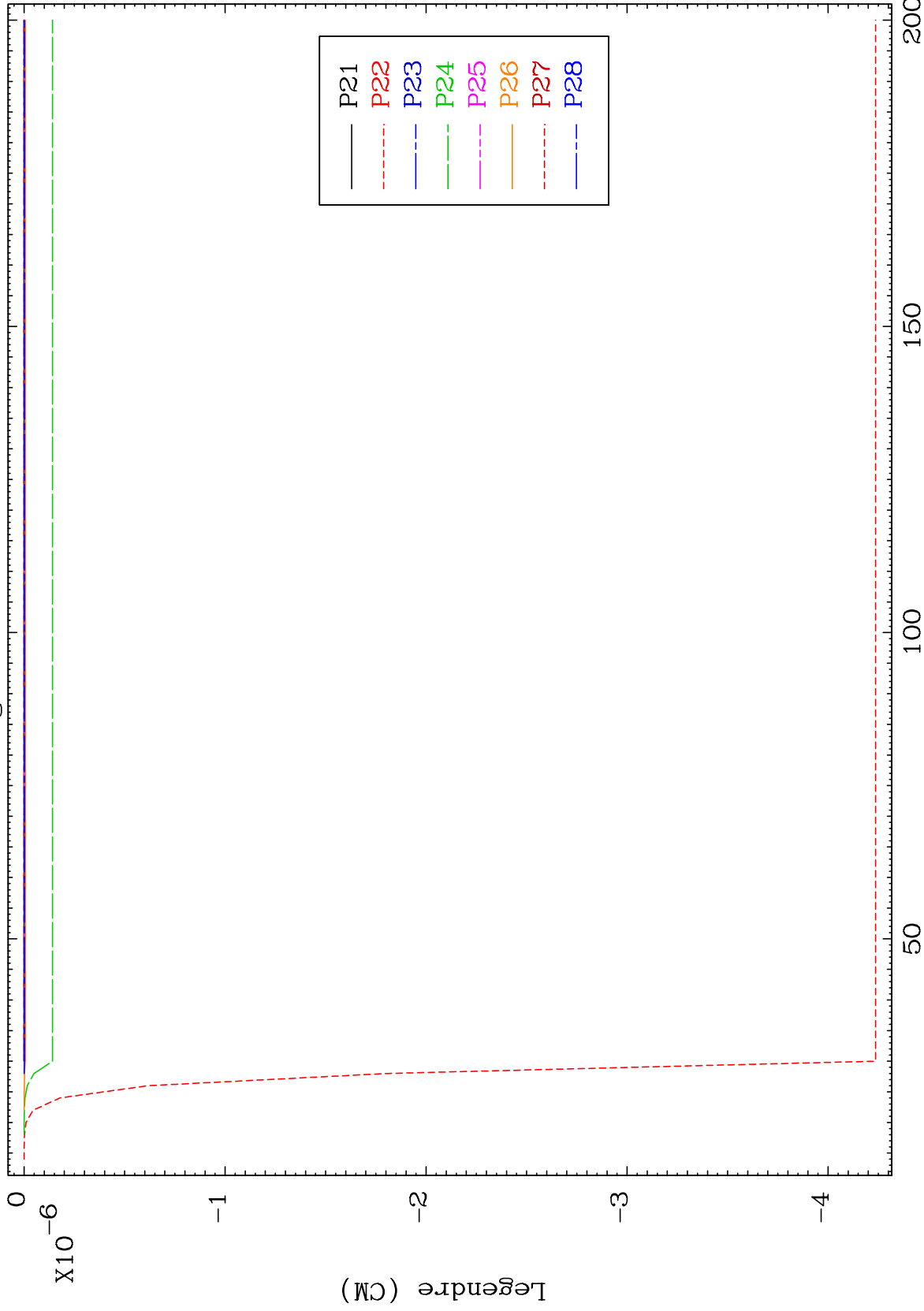
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



99

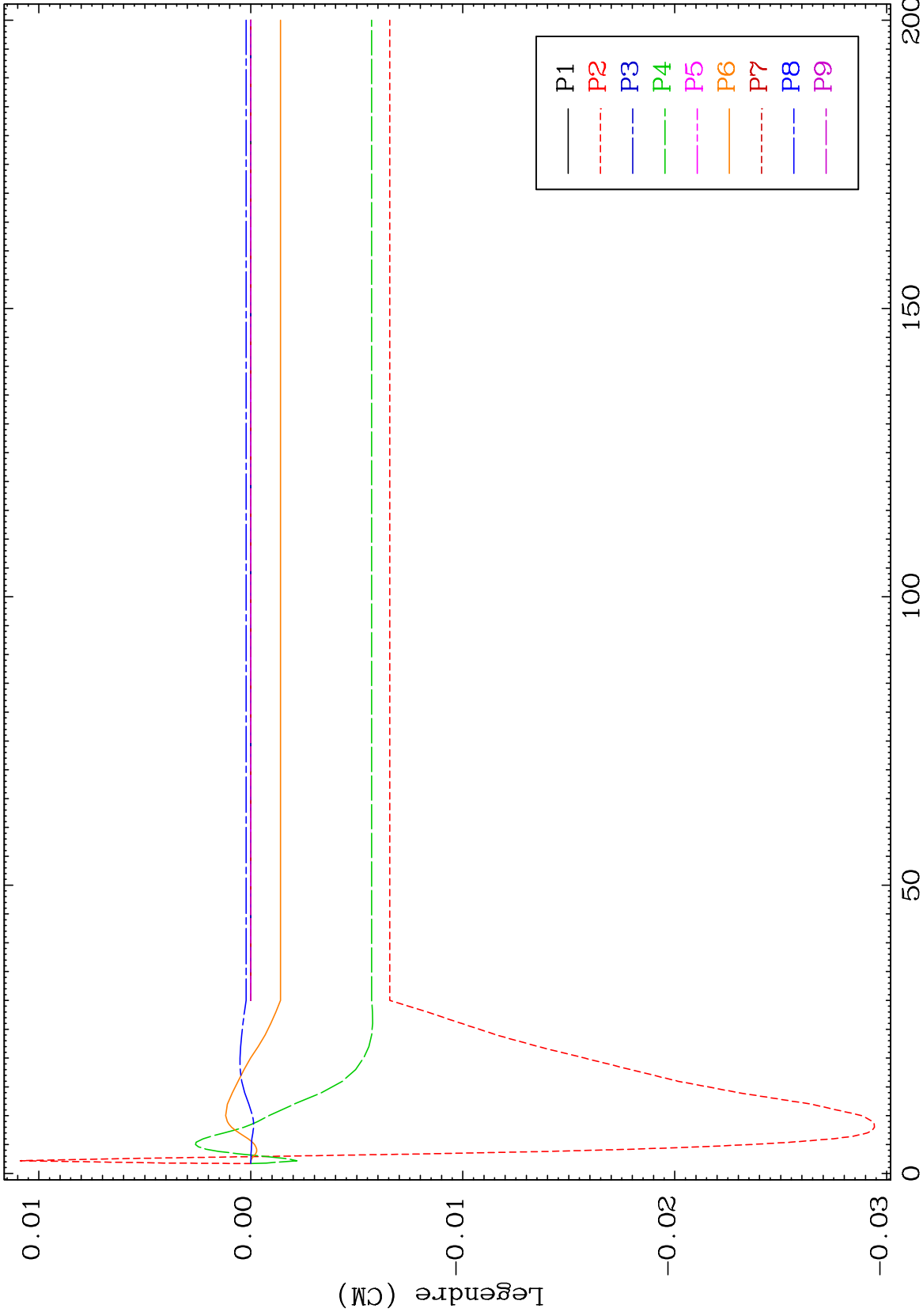
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



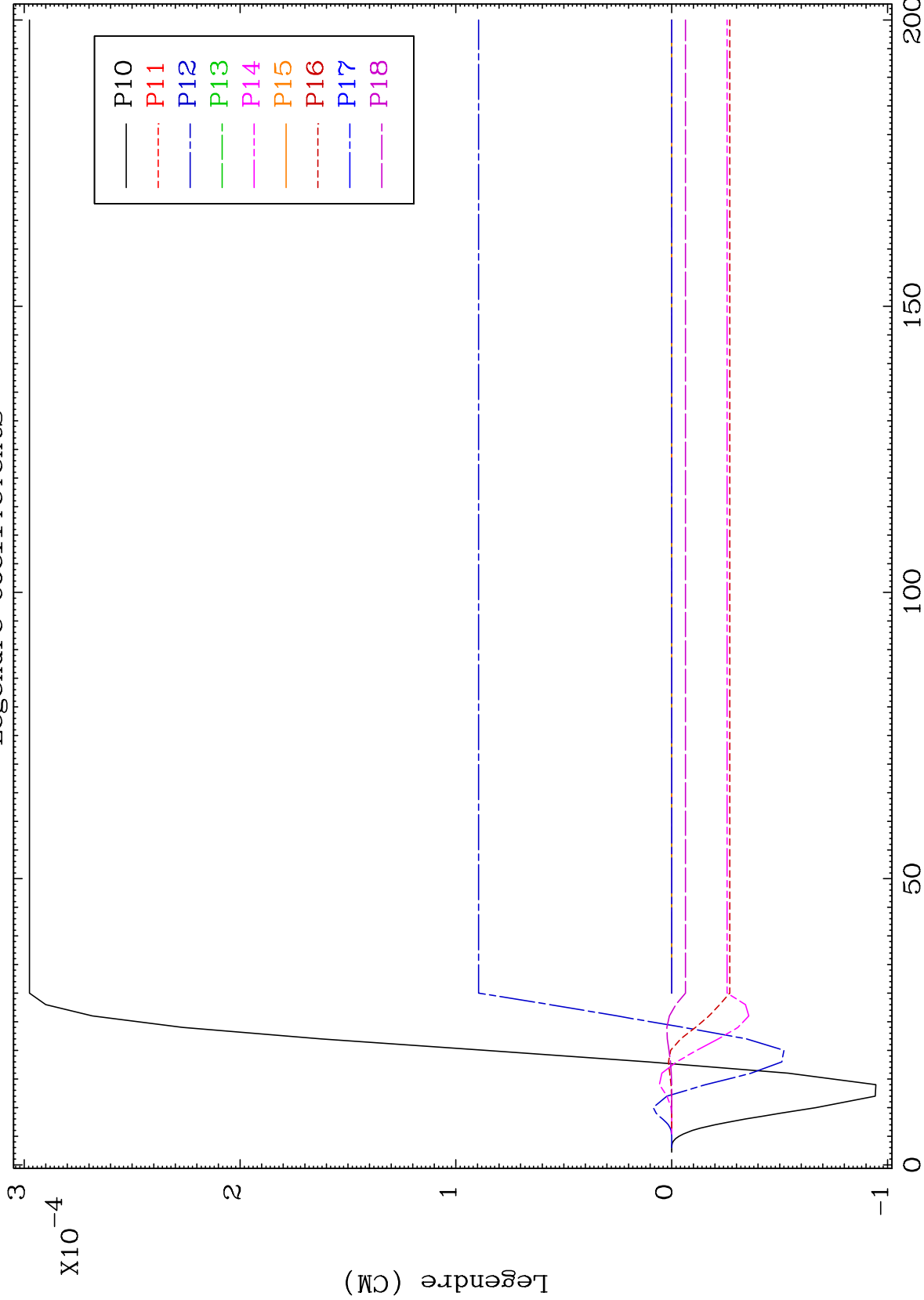
85-At-210

Incident Energy (MeV)

MAT 8546

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

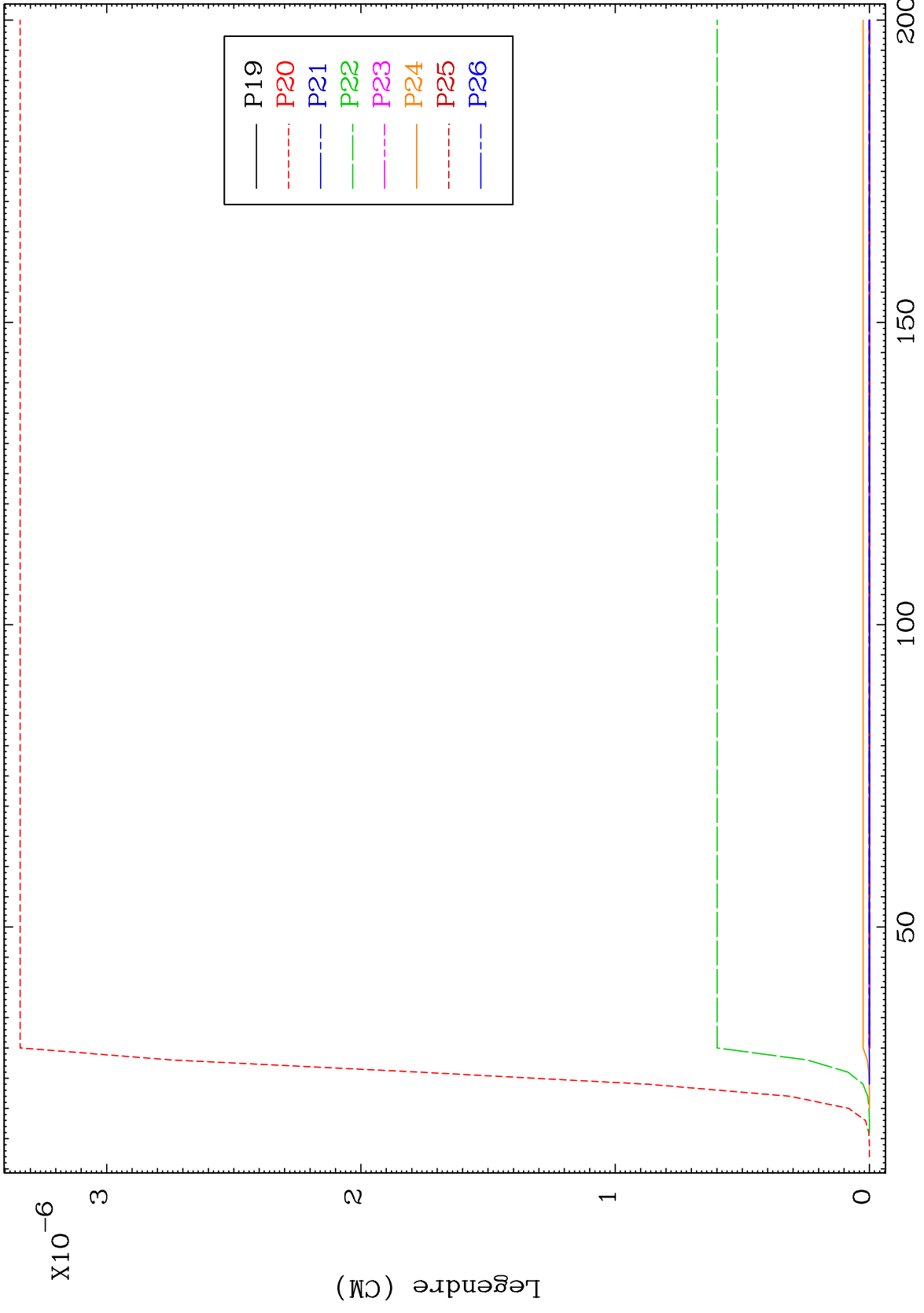
85-At-210



101

85-At-210

MAT 8546 MT= 74 (n,n') Level Legendre Coefficients 85-At-210

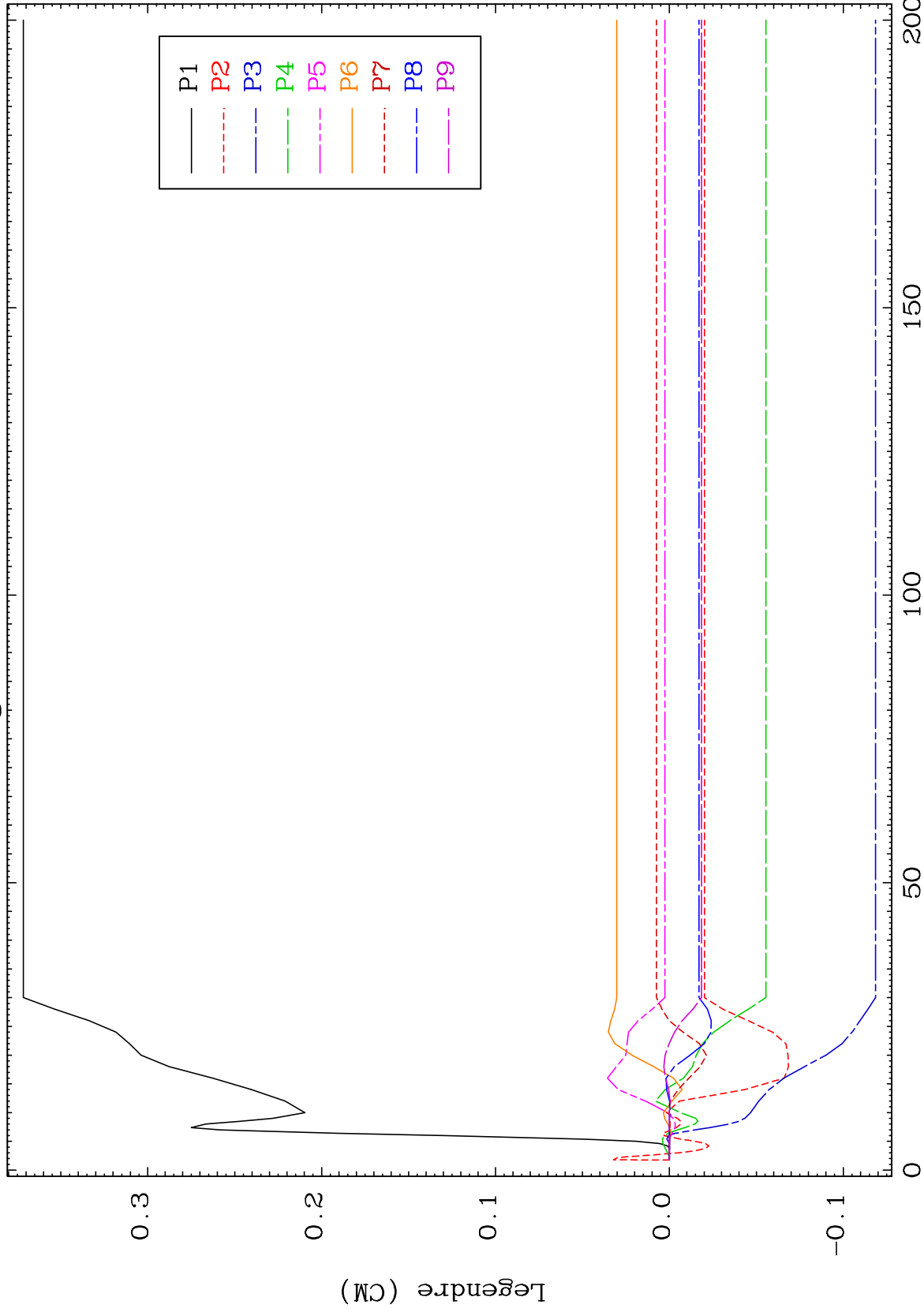


85-At-210

MAT 8546

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

85-At-210



103

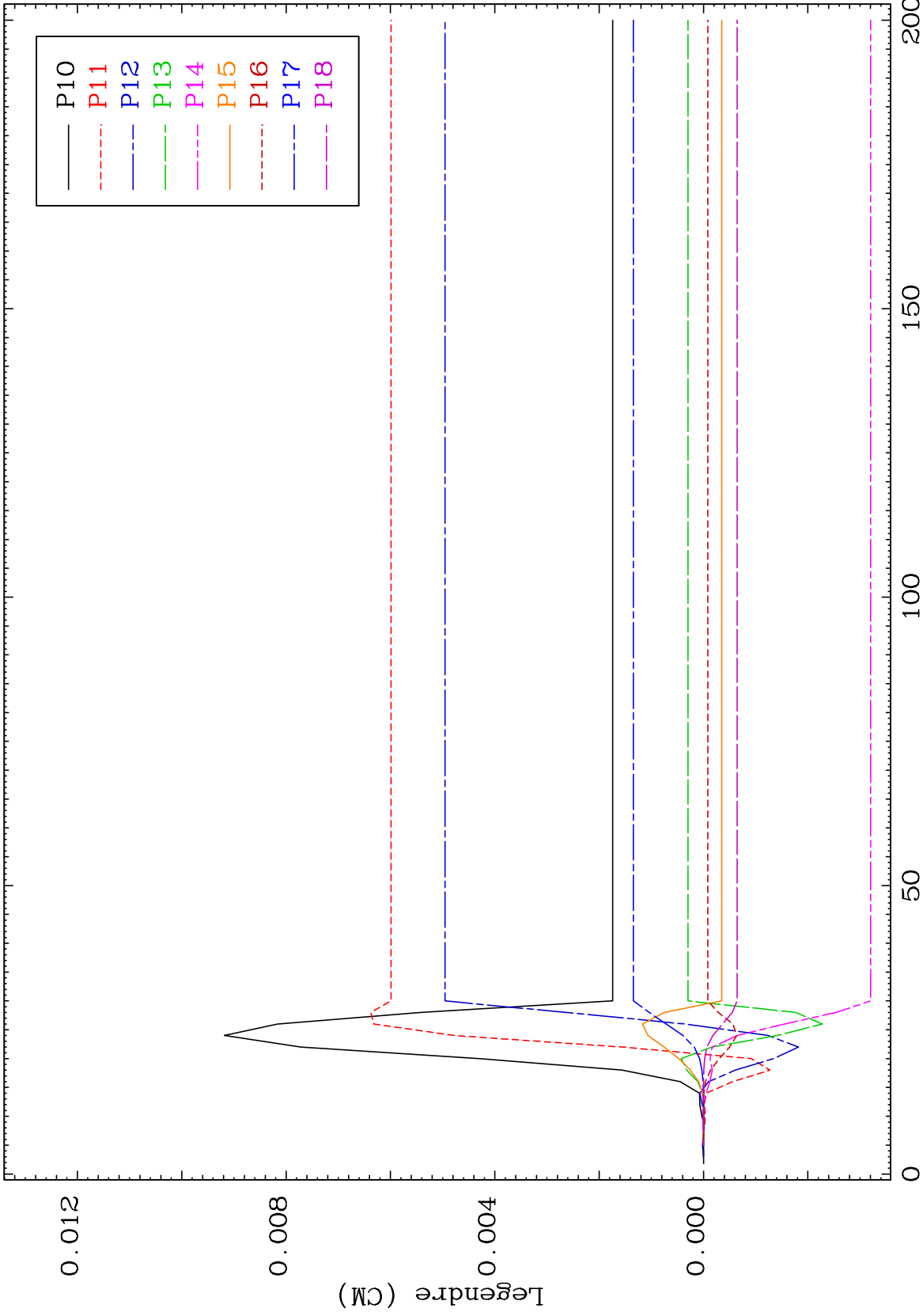
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



104

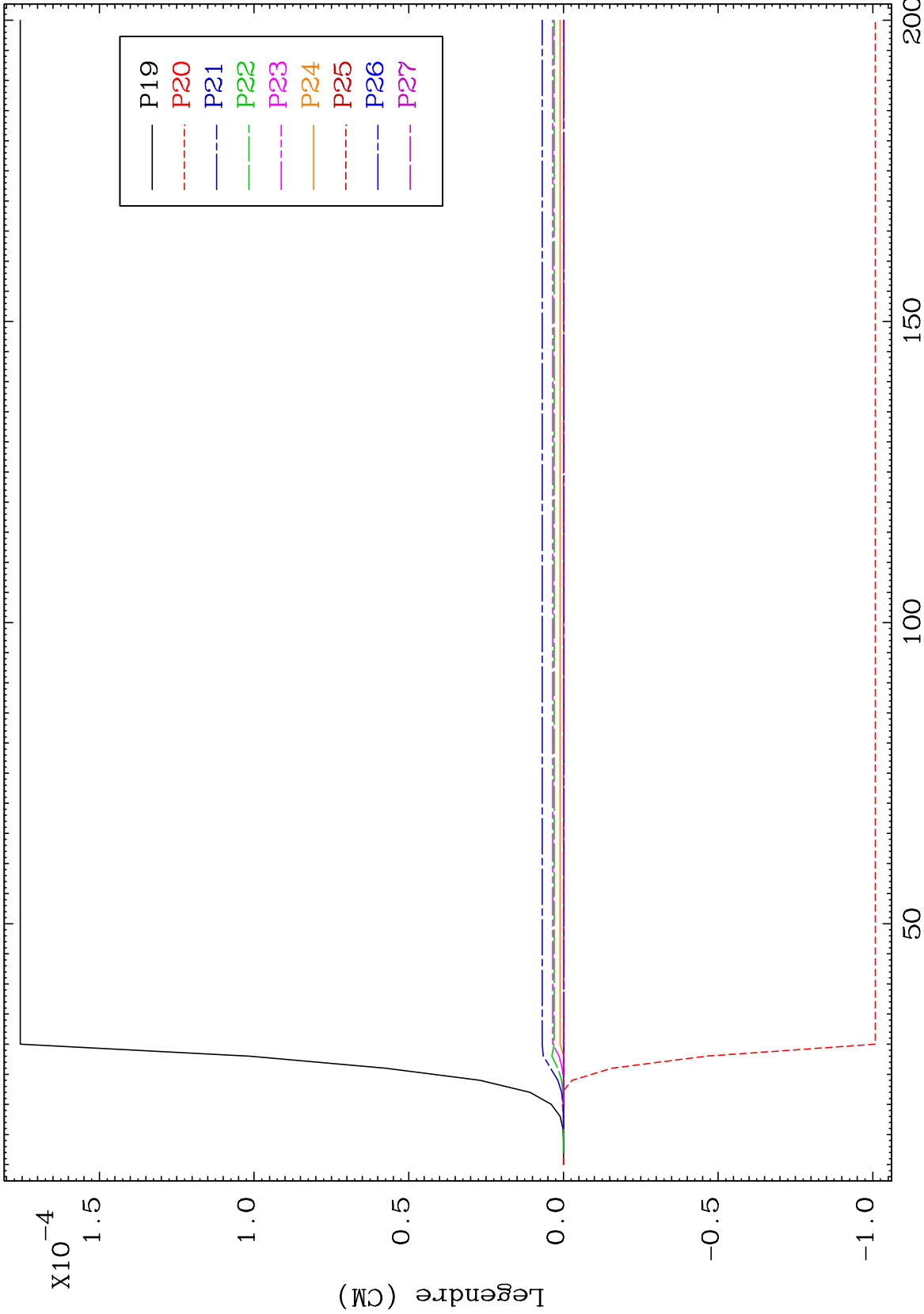
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210

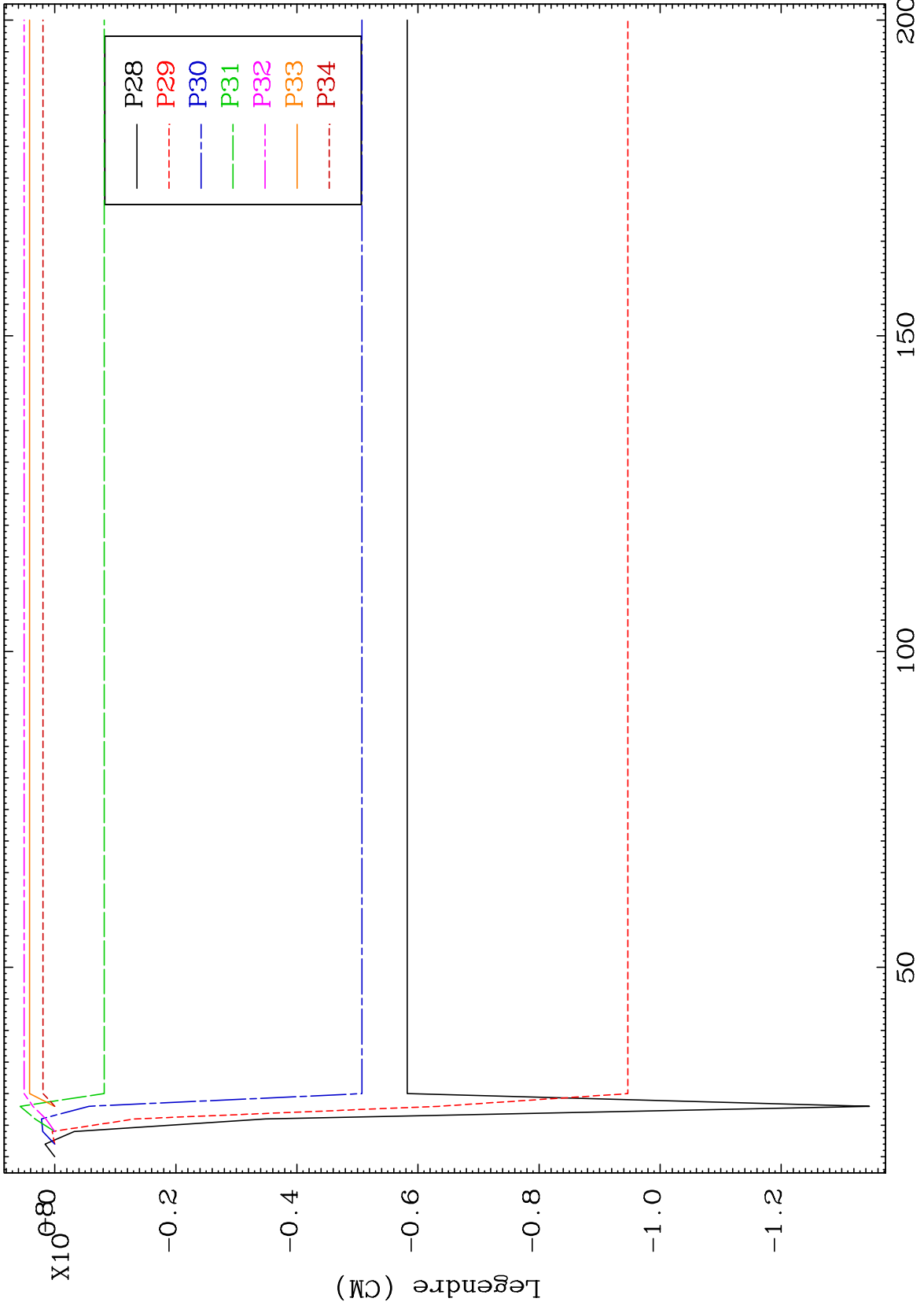


105

Incident Energy (MeV)

85-At-210

MAT 8546 MT= 75 (n,n') Level Legendre Coefficients 85-At-210

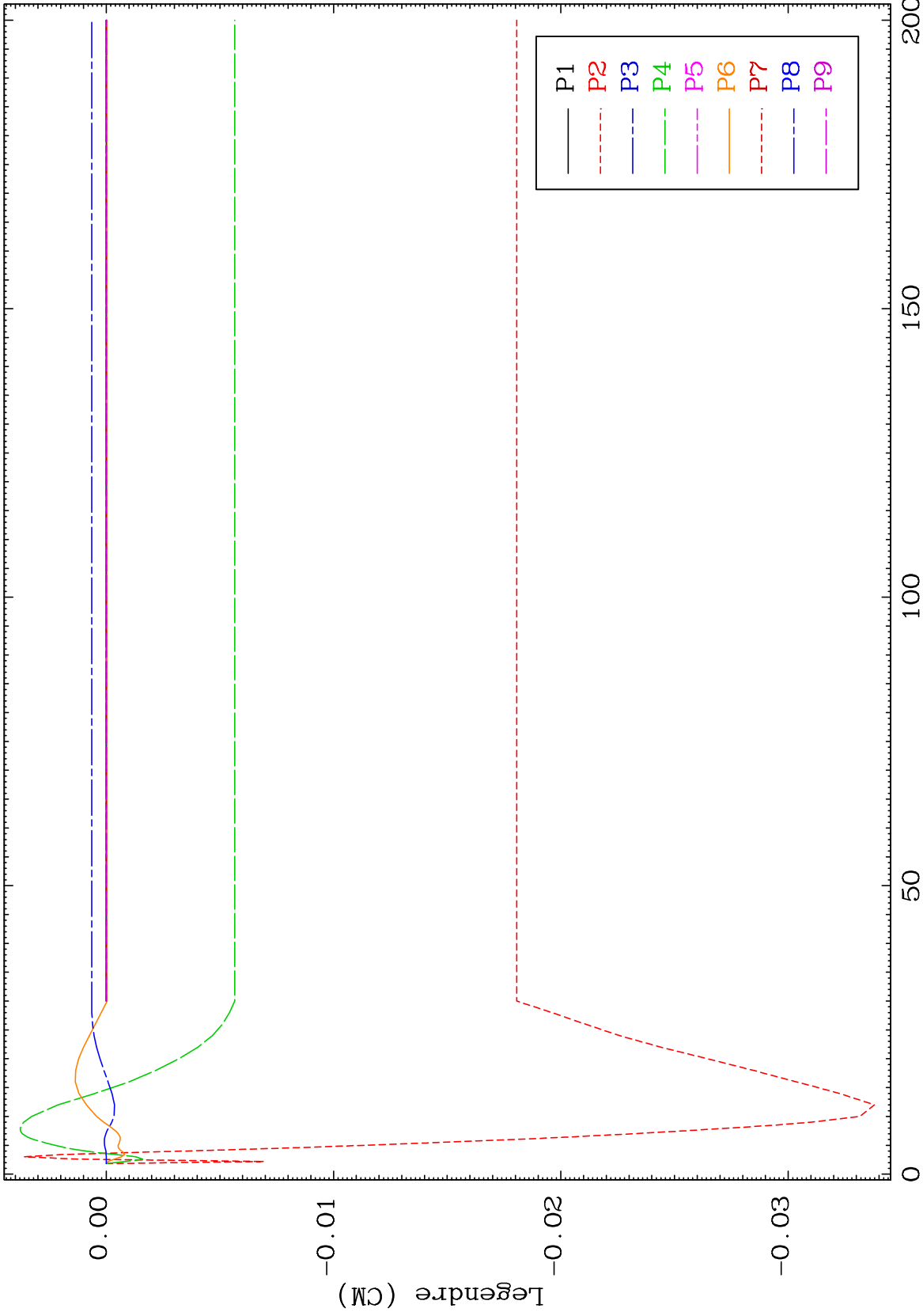


106 85-At-210

MAT 8546

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

85-At-210



107

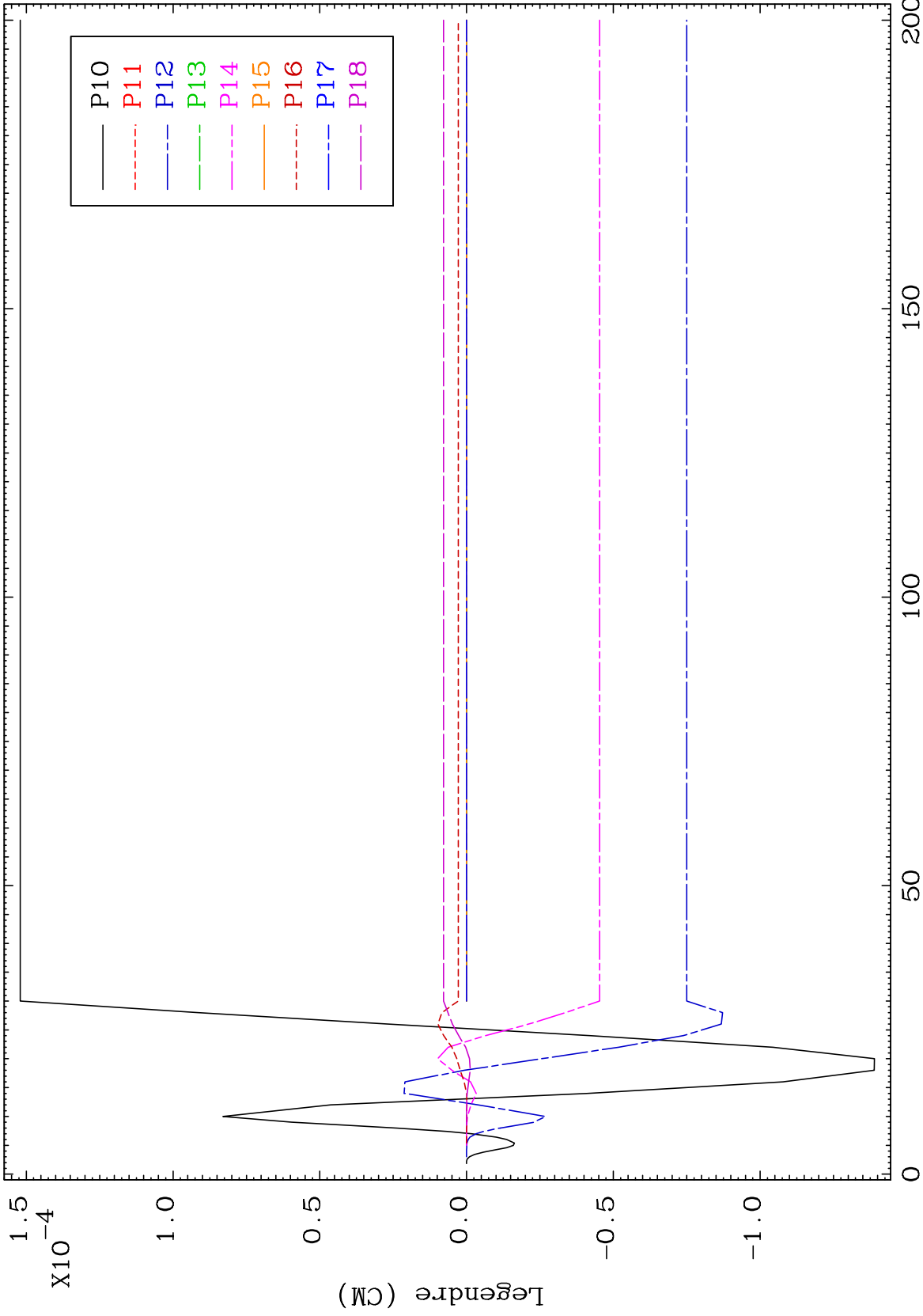
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



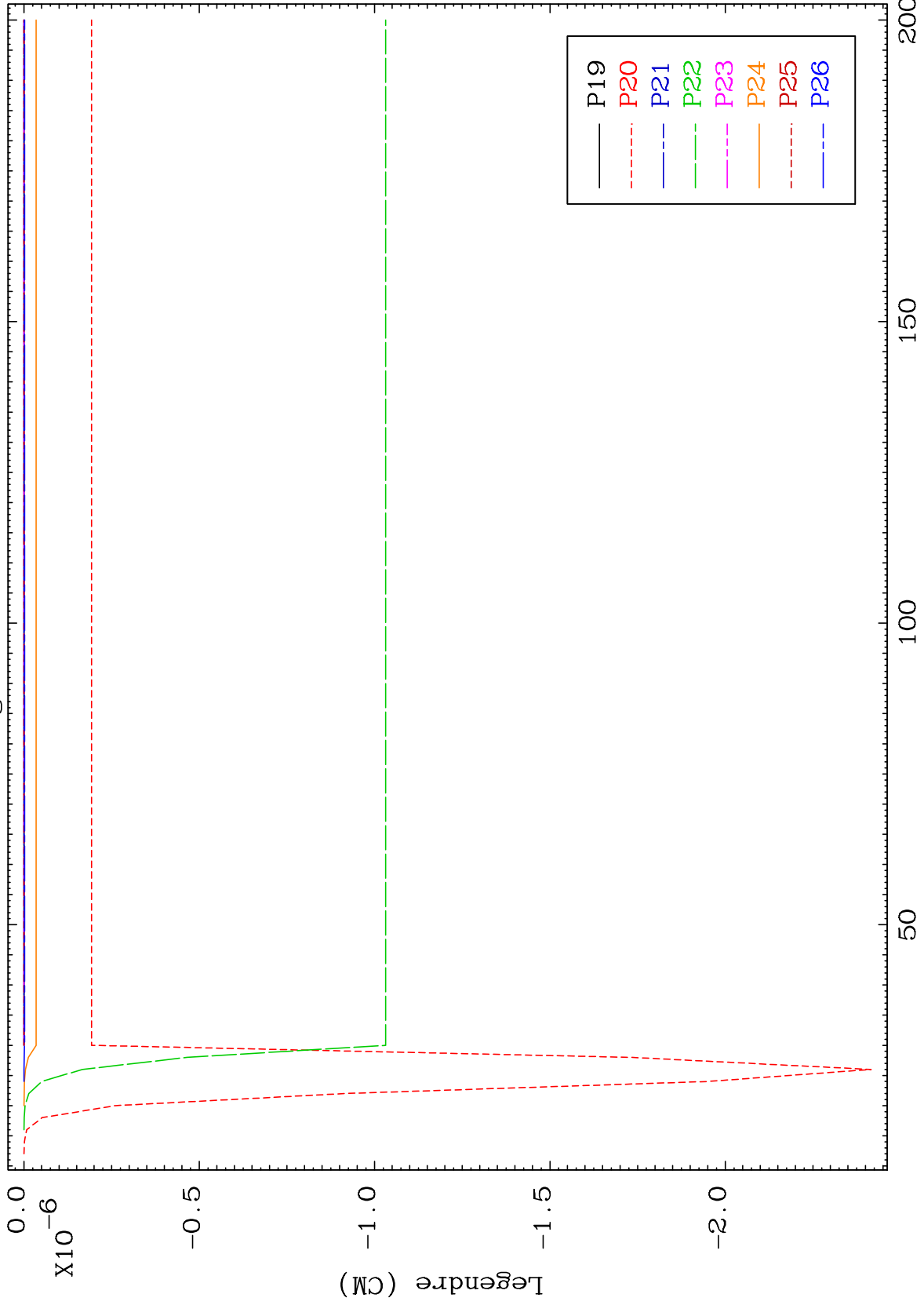
108

85-At-210

MAT 8546

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

85-At-210



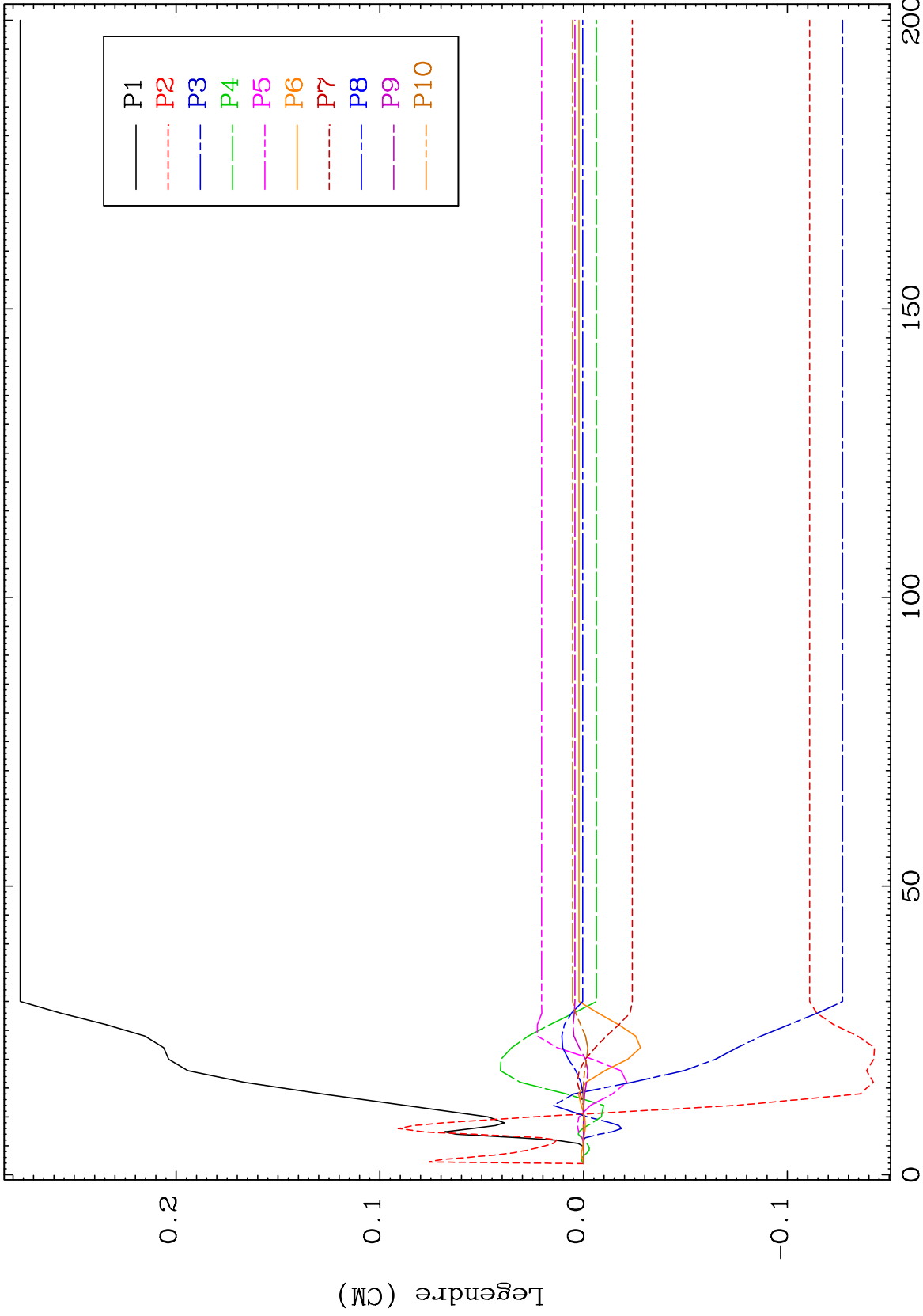
109

85-At-210

MAT 8546

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

85-At-210



85-At-210

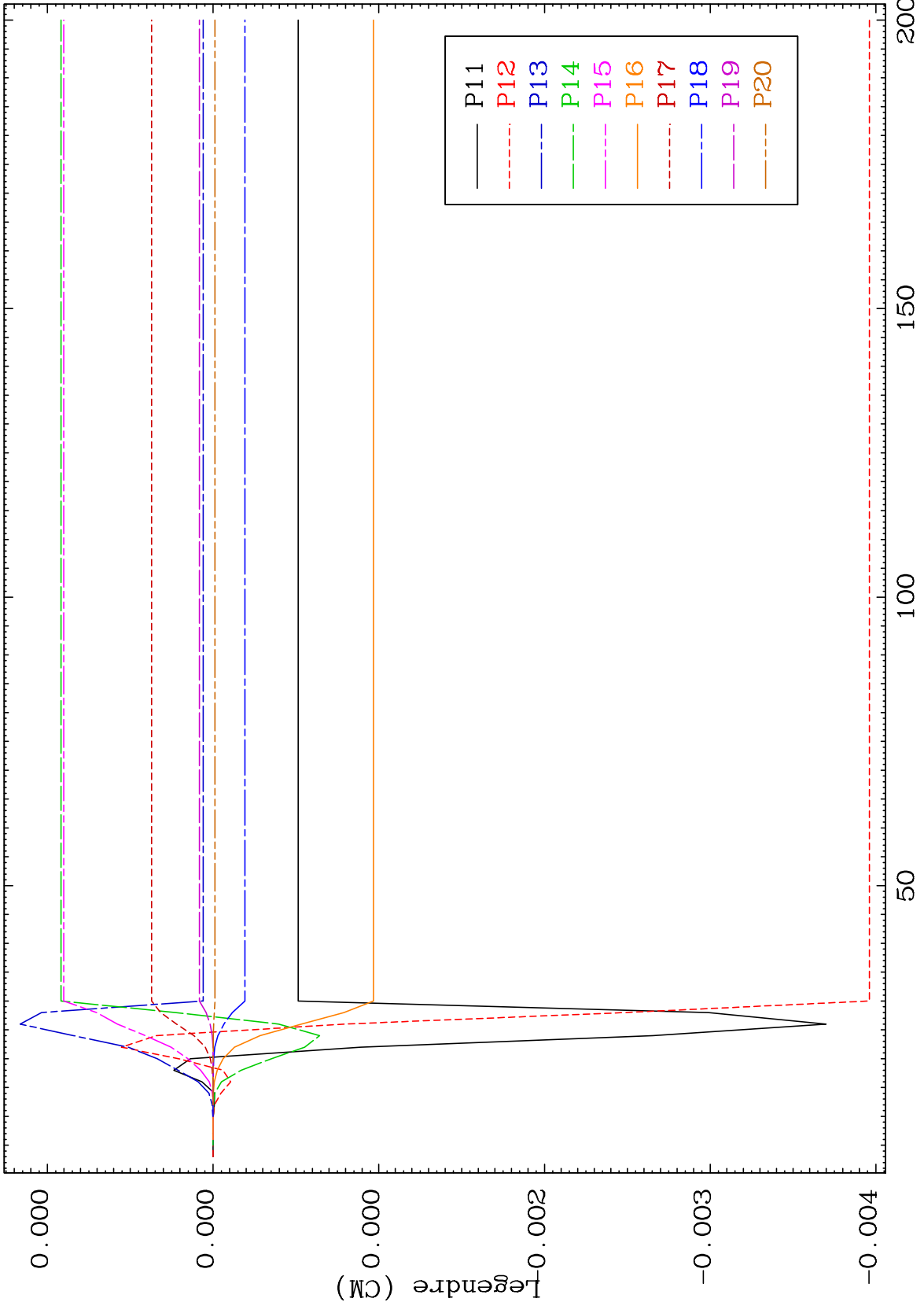
Incident Energy (MeV)

110

MAT 8546

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

85-At-210



111

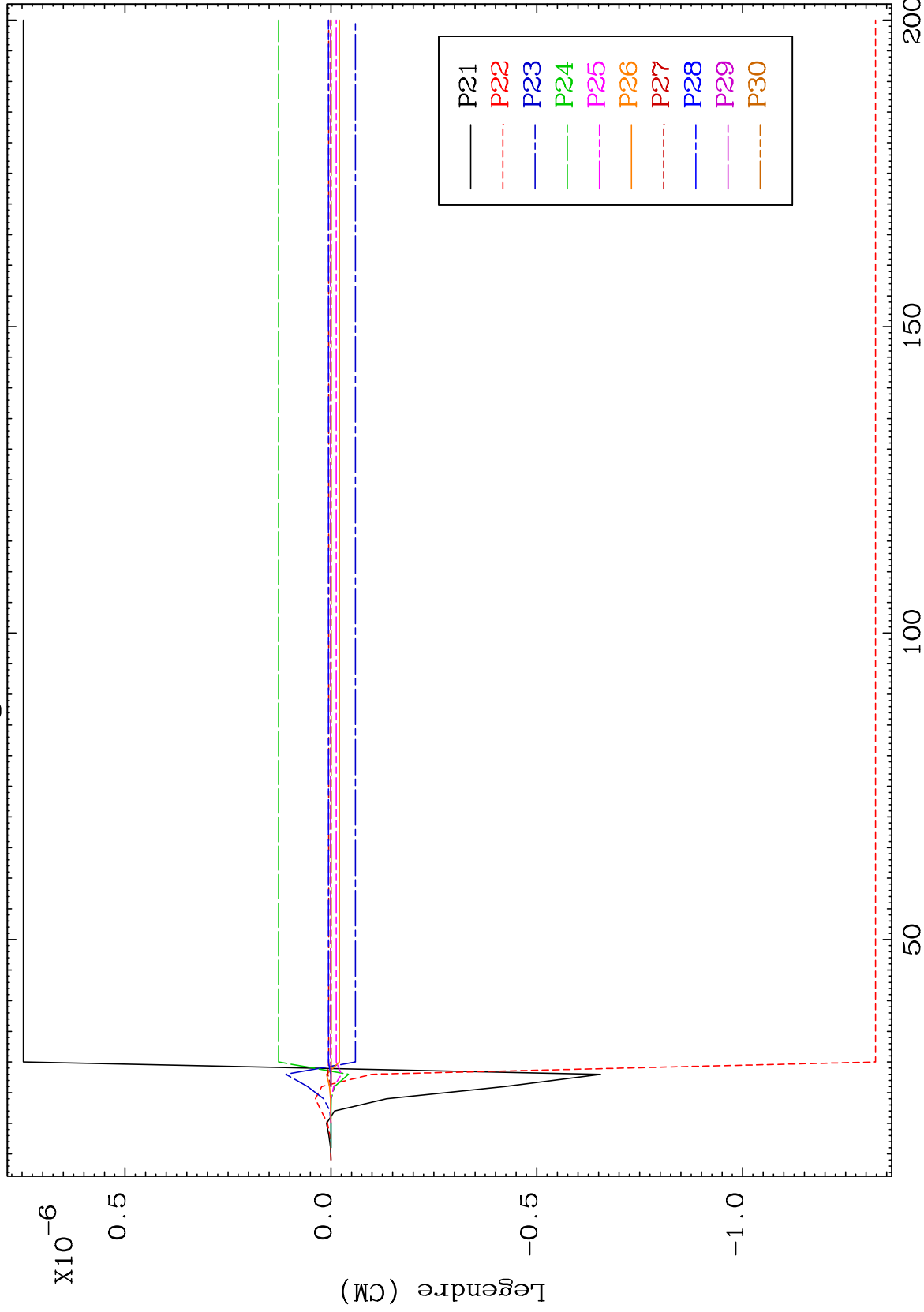
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



112

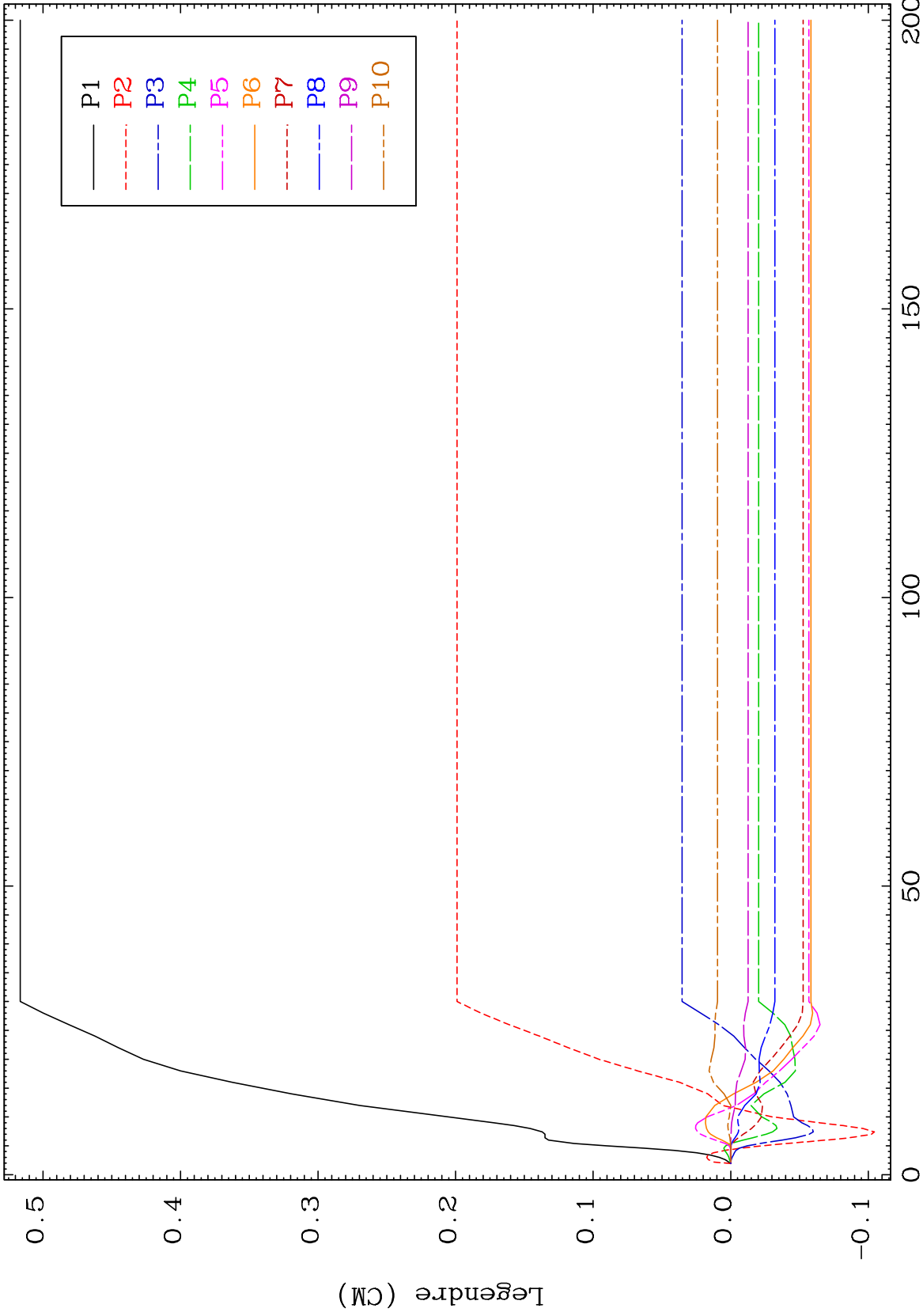
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



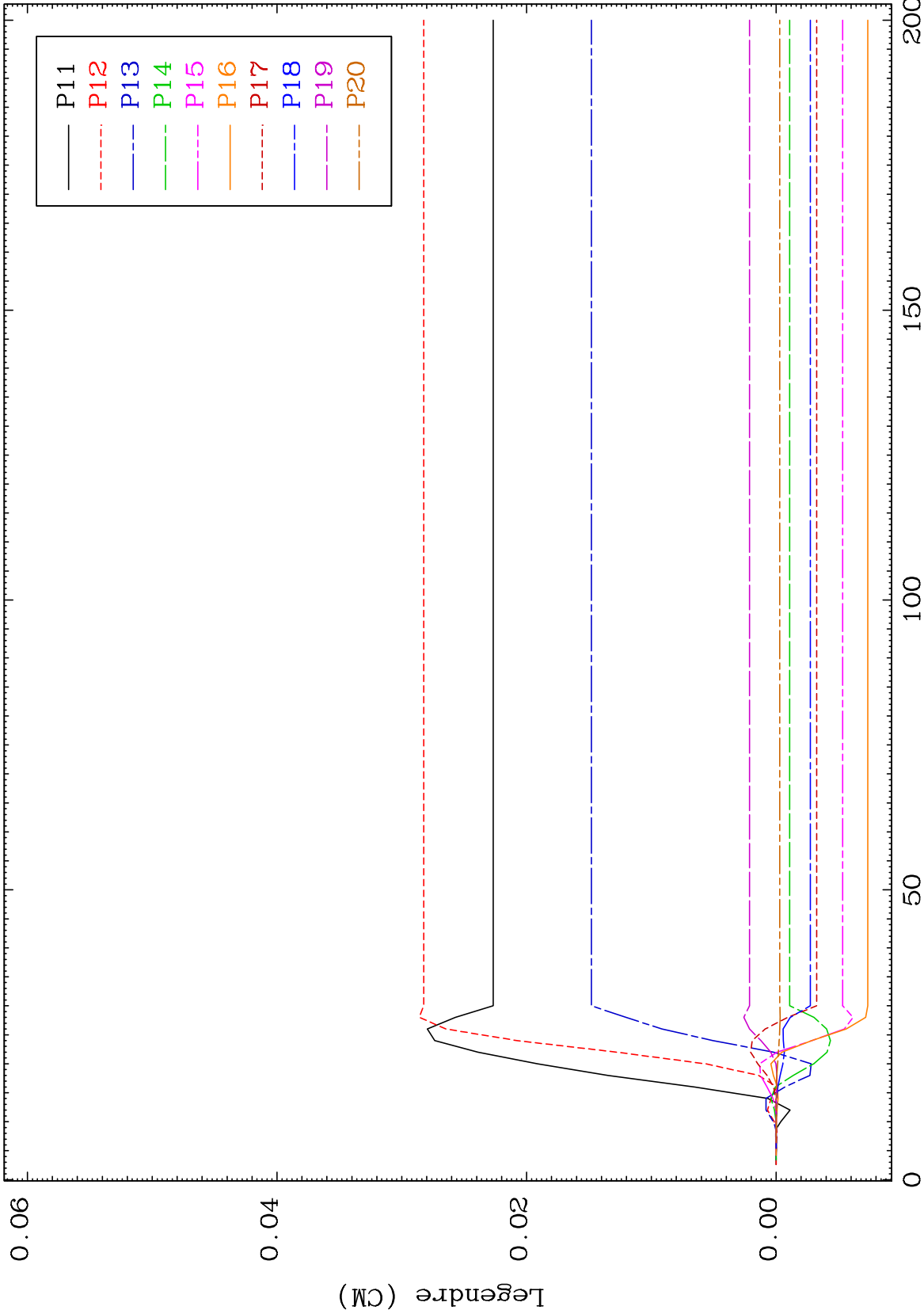
113

85-At-210

MAT 8546

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

85-At-210



114

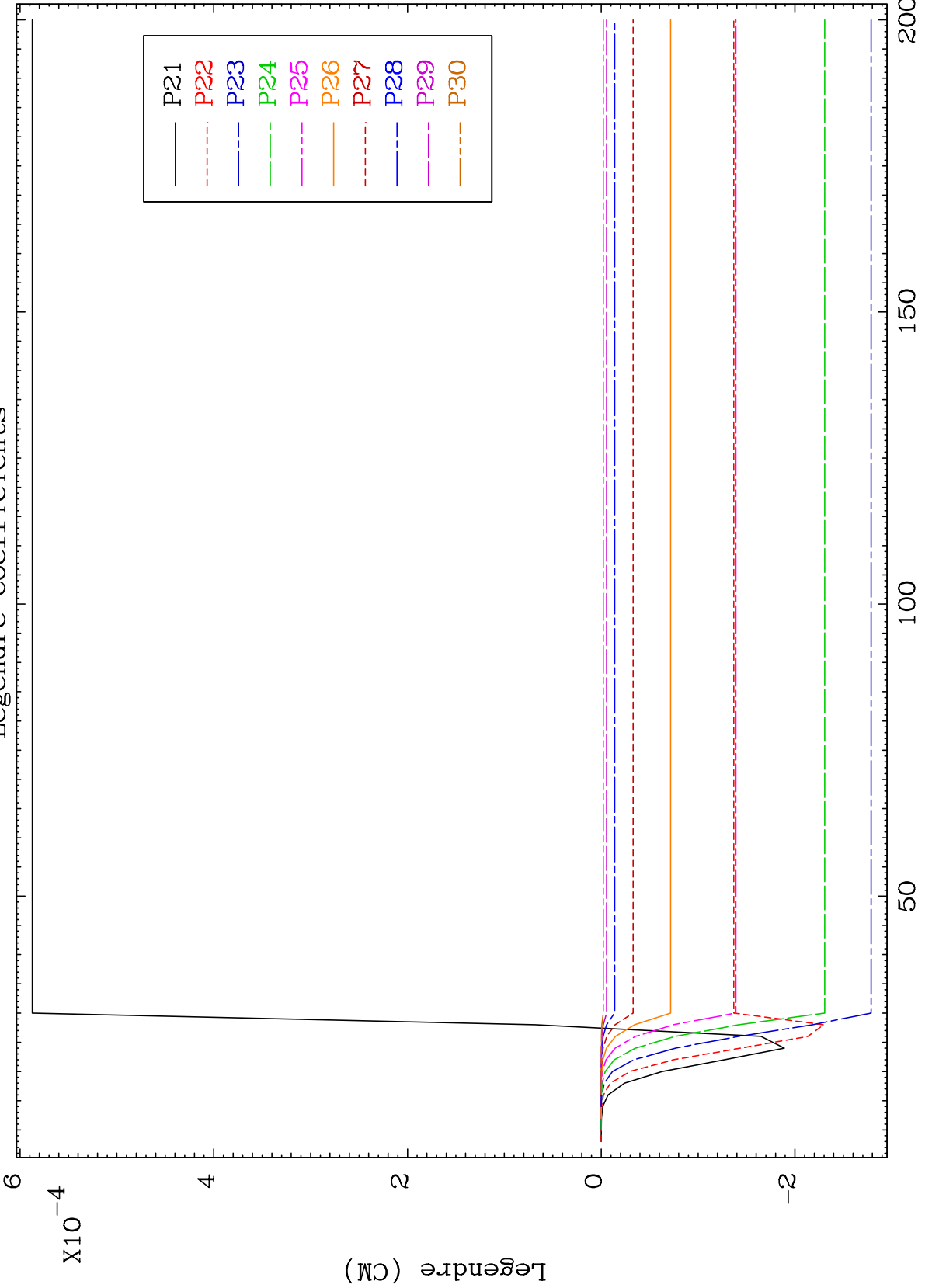
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210

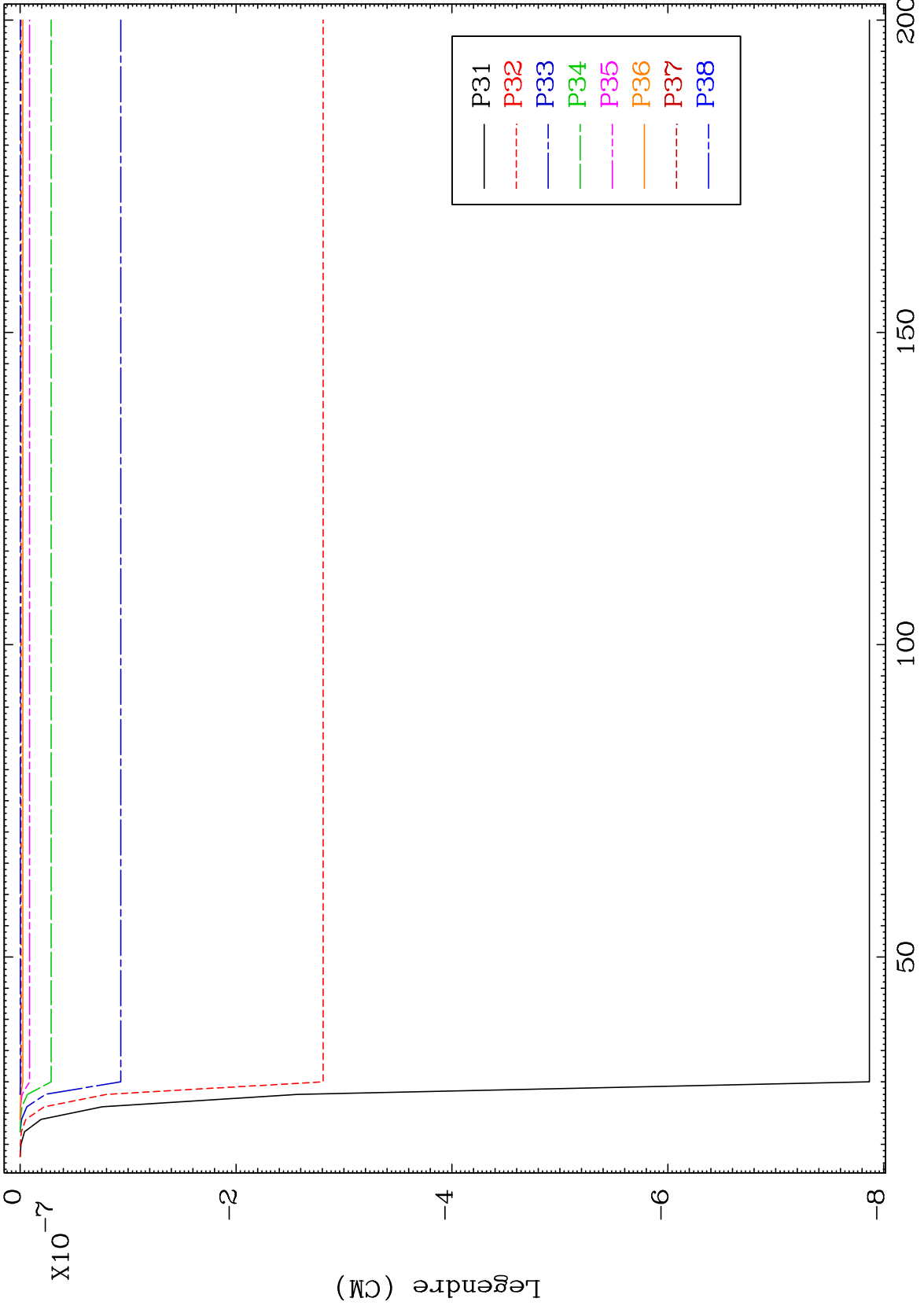


115

85-At-210

MAT 8546 MT= 78 (n,n') Level 85-At-210

Legendre Coefficients

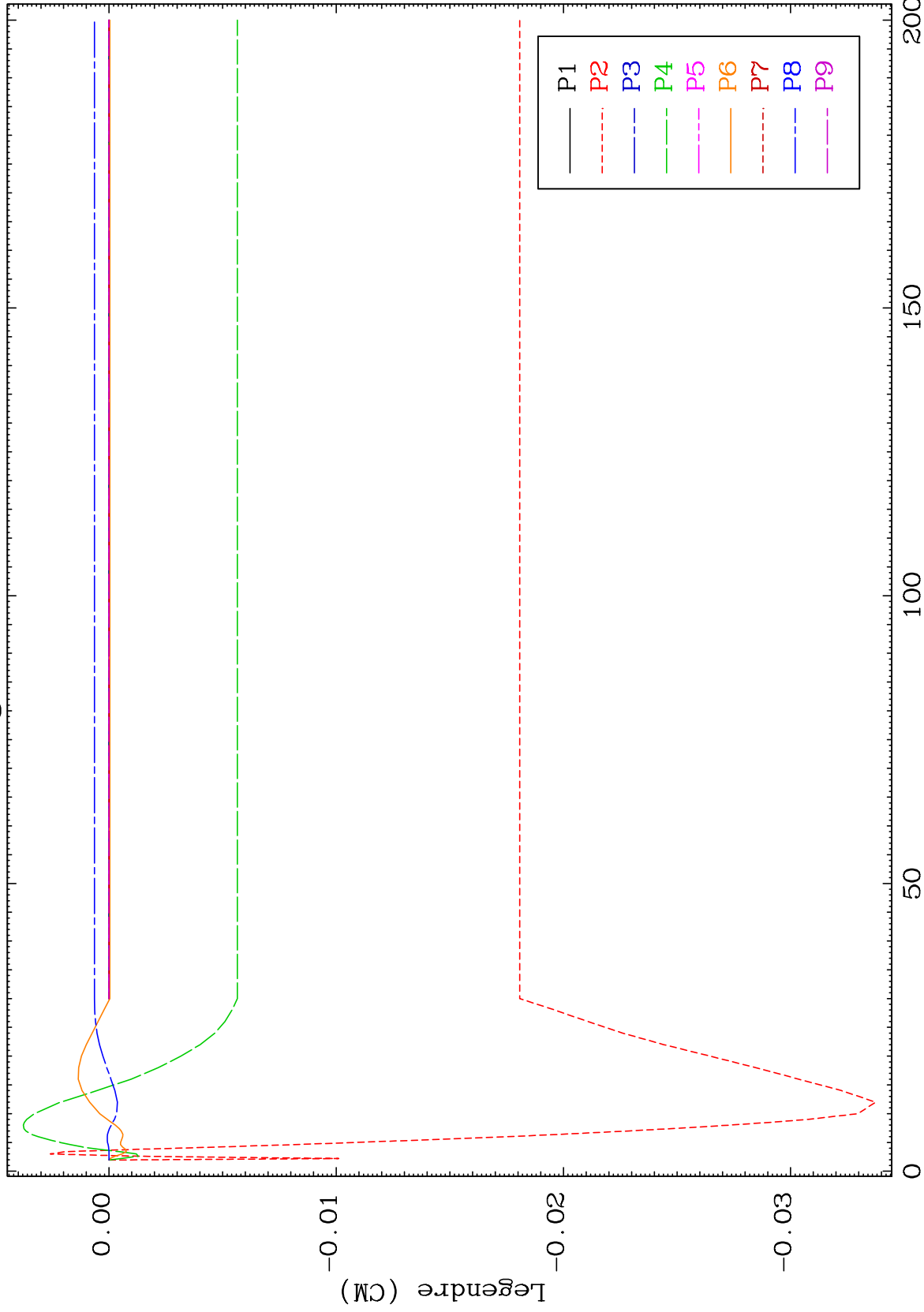


116 85-At-210

MAT 8546

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

85-At-210



117

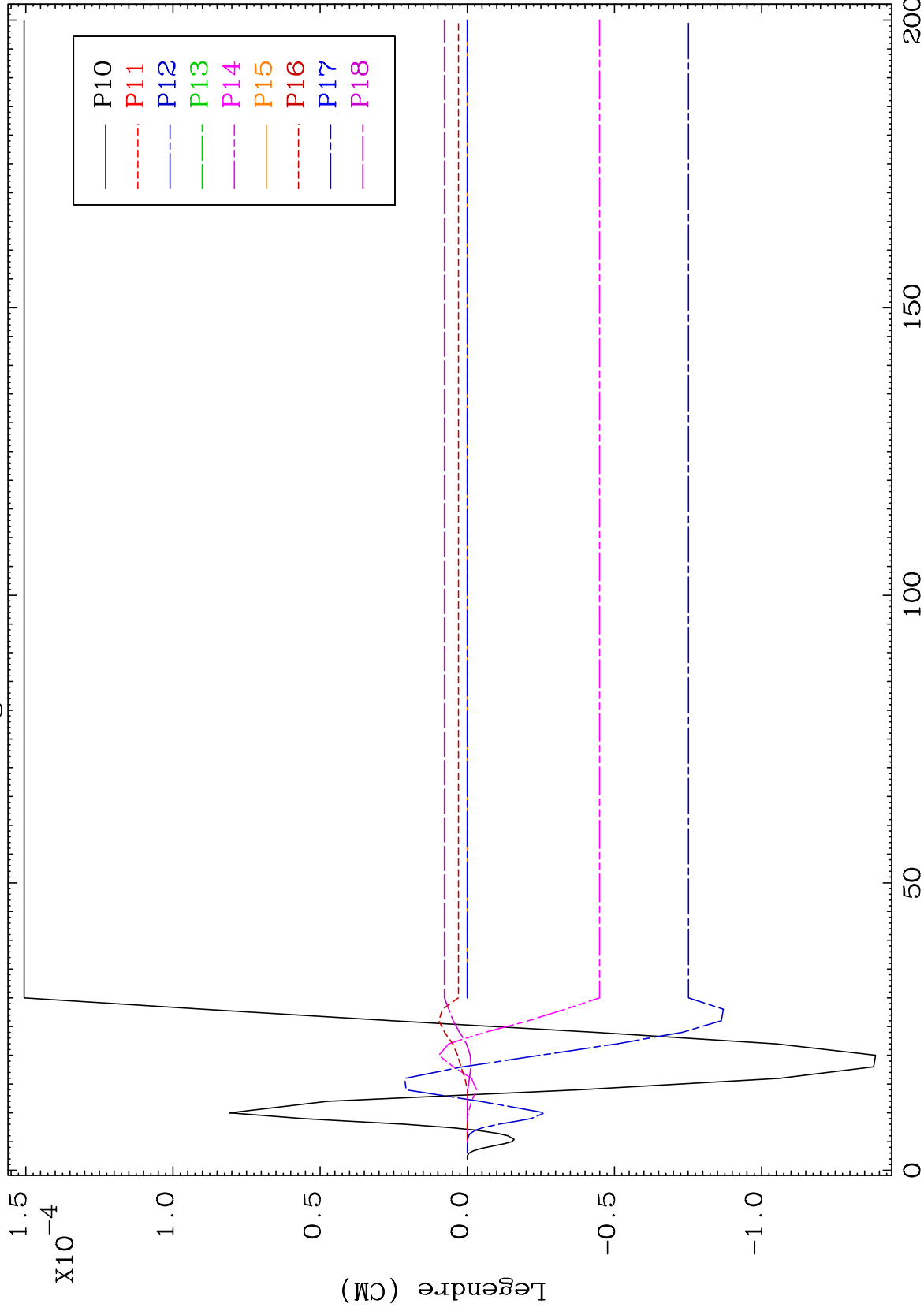
Incident Energy (MeV)

85-At-210

MAT 8546

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

85-At-210



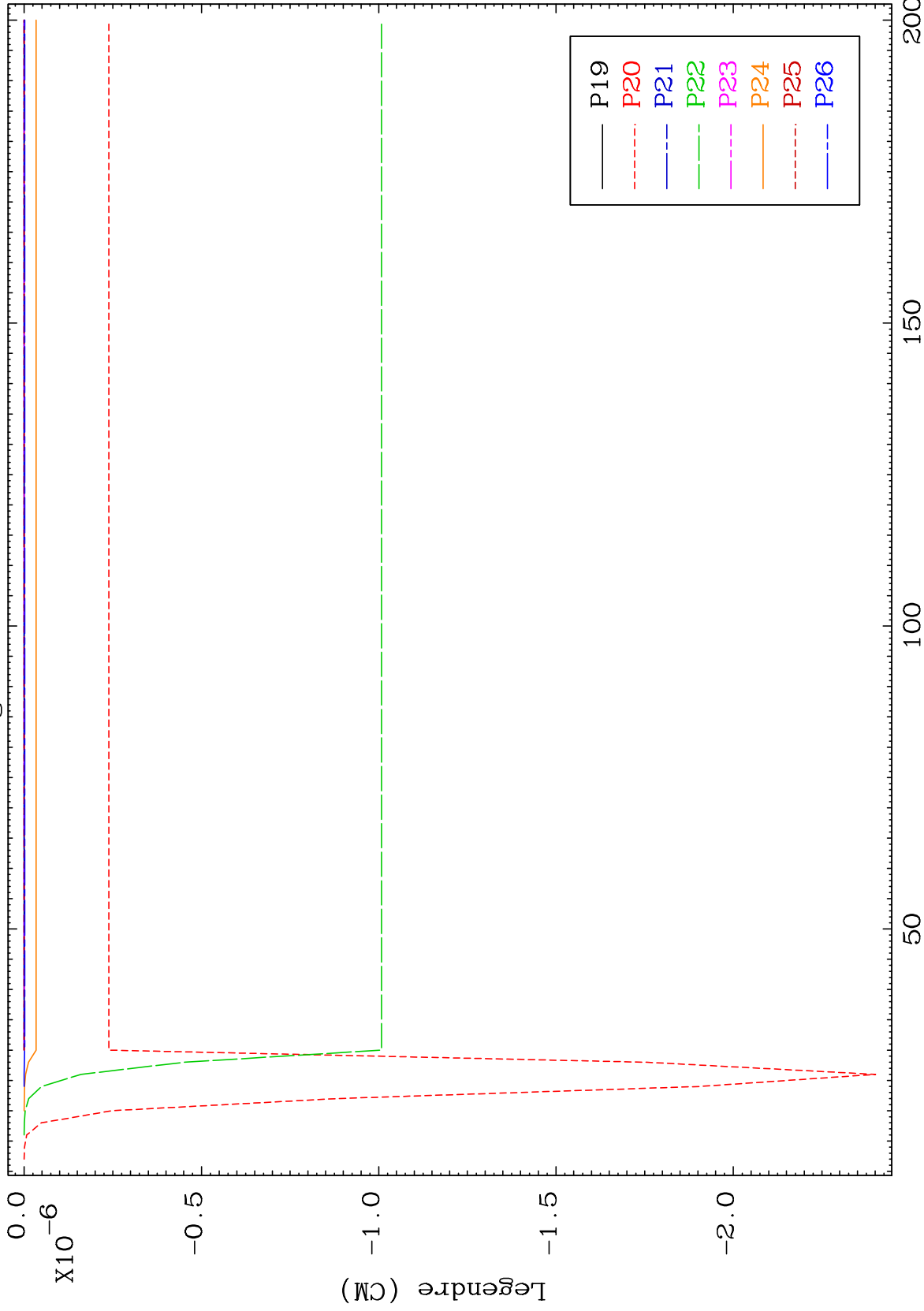
118

85-At-210

MAT 8546

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

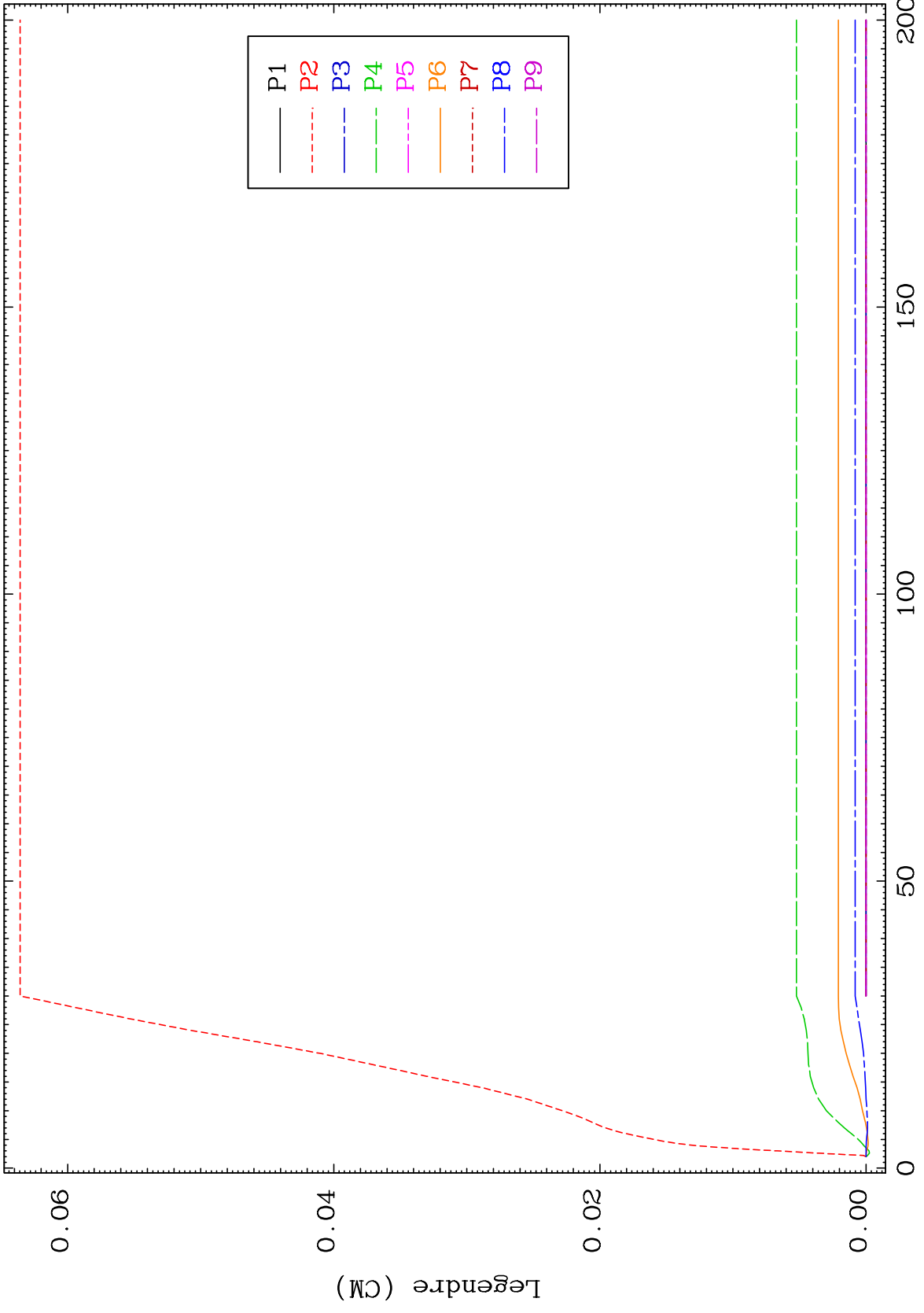
85-At-210



119

85-At-210

MAT 8546 MT= 80 (n,n') Level Legendre Coefficients 85-At-210

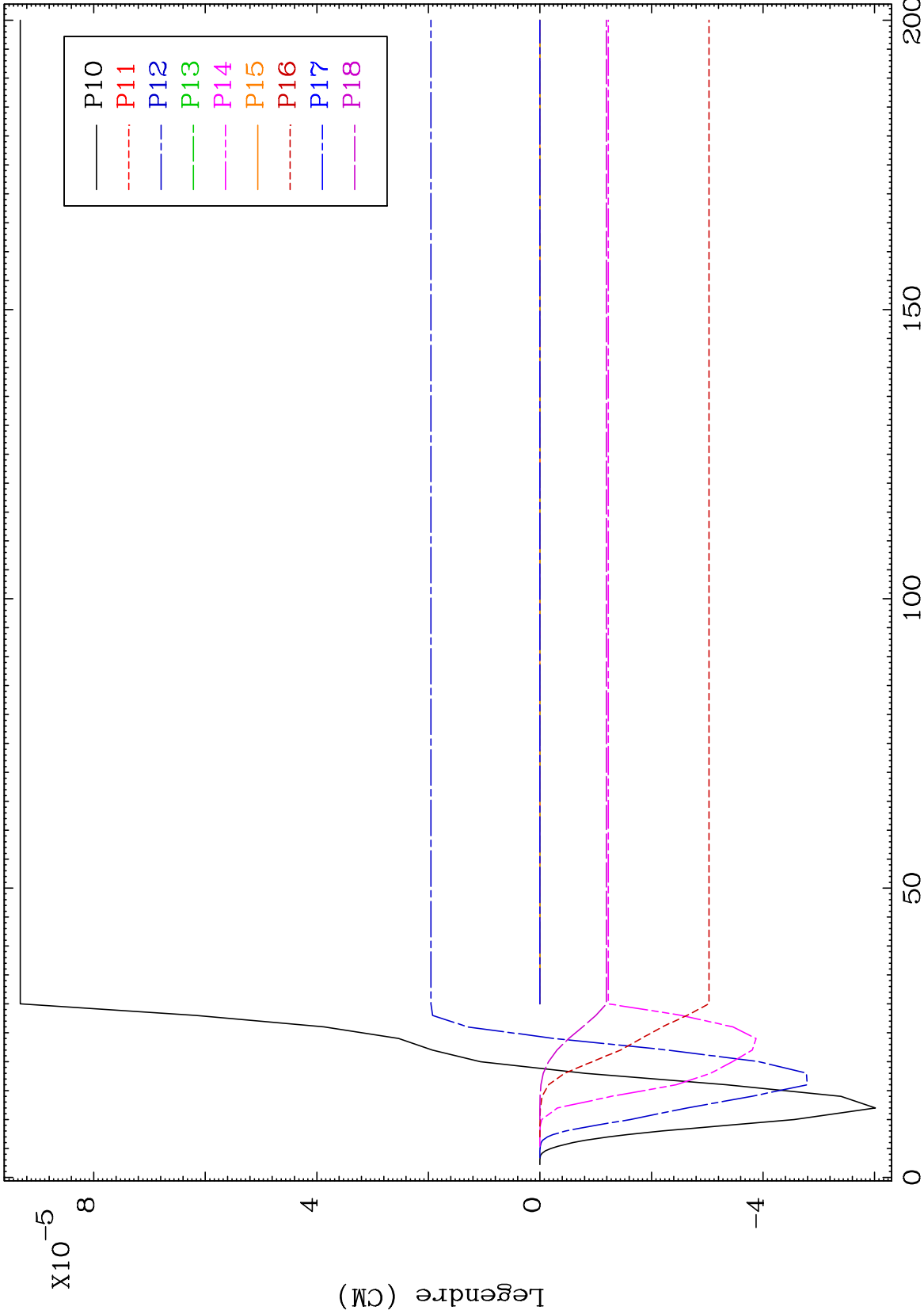


Legendre (CM) Incident Energy (MeV) 85-At-210

MAT 8546

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

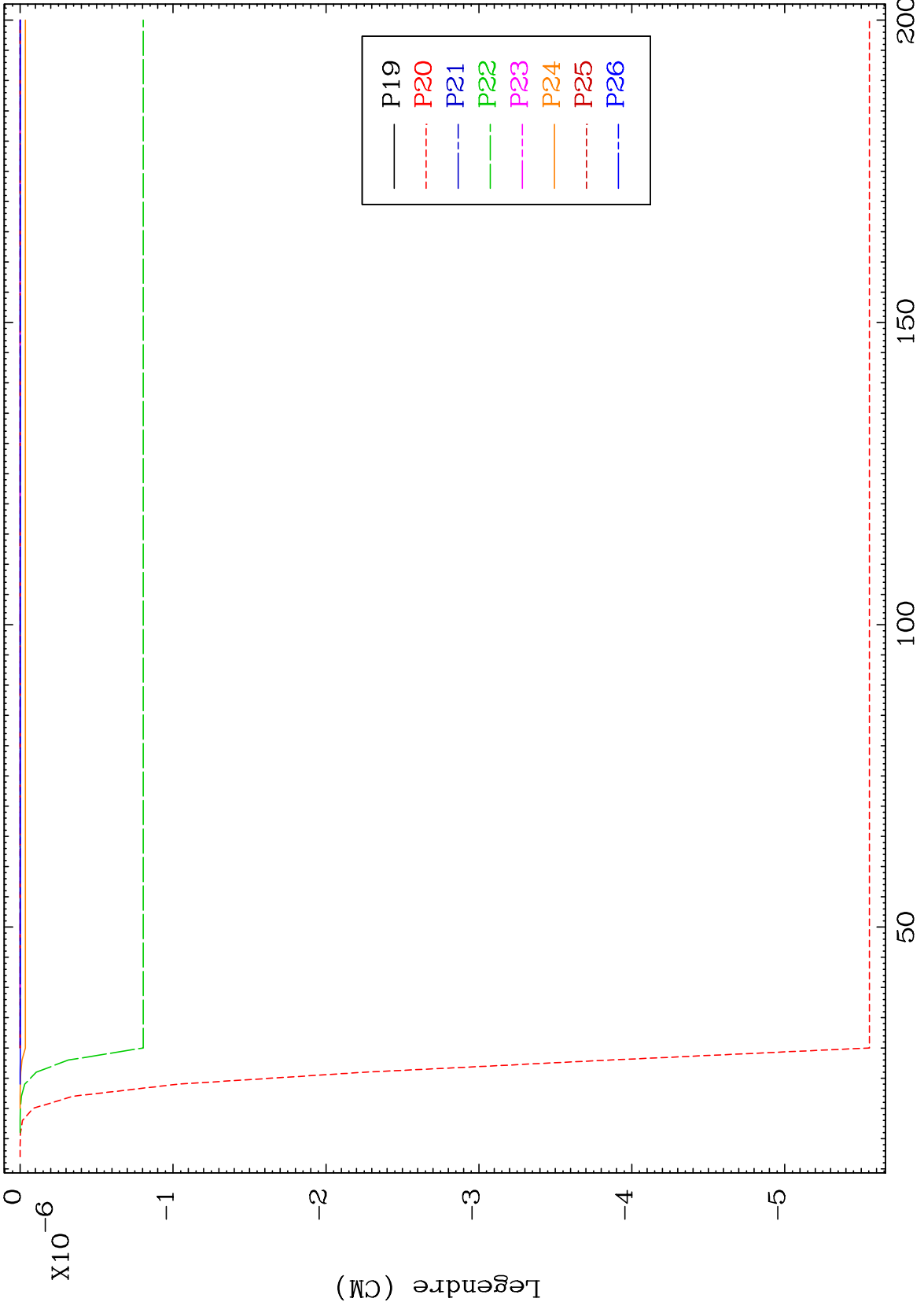
85-At-210



121

85-At-210

MAT 8546 MT= 80 (n,n') Level Legendre Coefficients 85-At-210



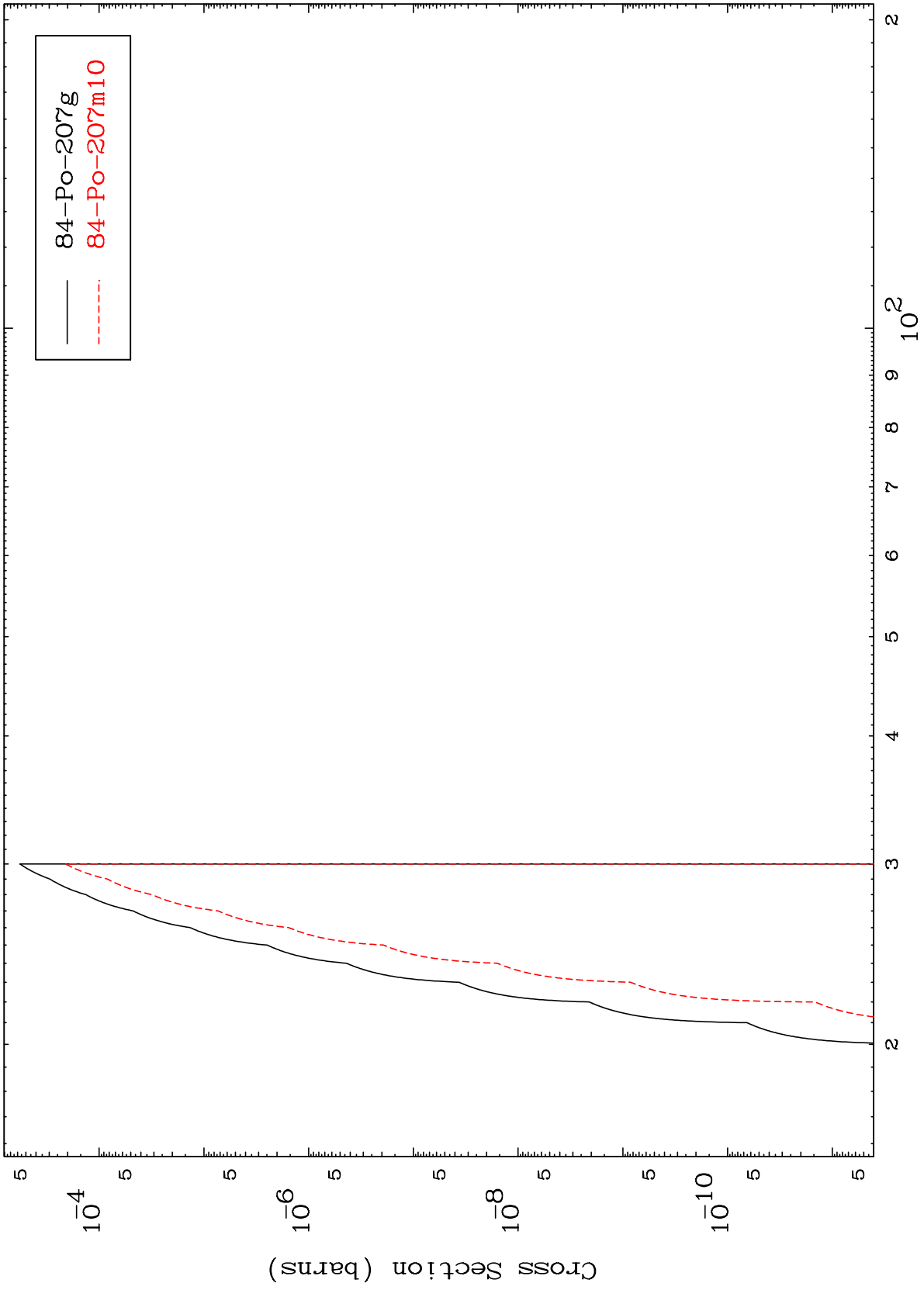
122 85-At-210

MAT 8546

(n,2n) d

85-At-210

Radionuclide Production Cross Section



123

Incident Energy (MeV)

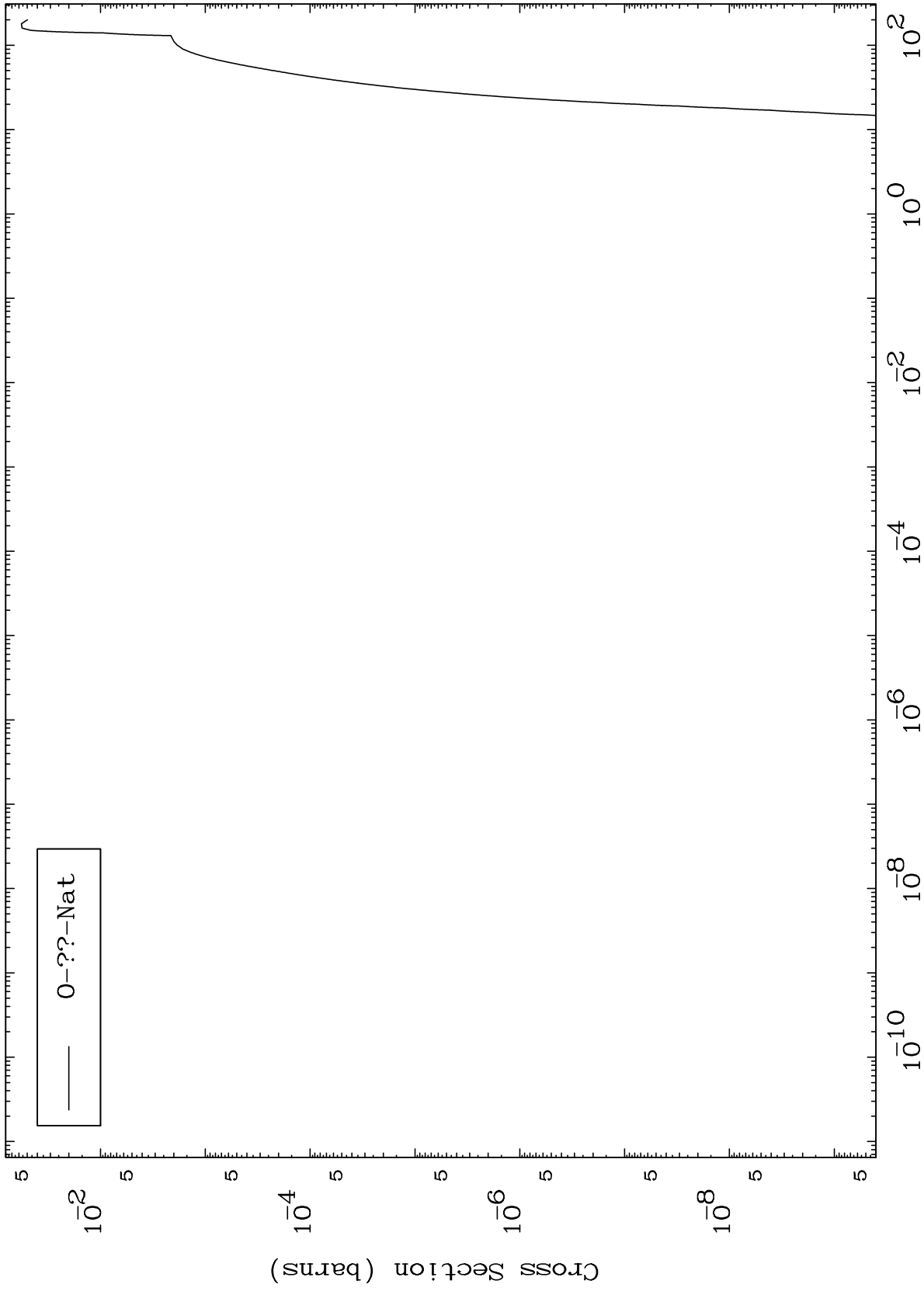
85-At-210

MAT 8546

Fission

85-At-210

Radionuclide Production Cross Section



124

Incident Energy (MeV)

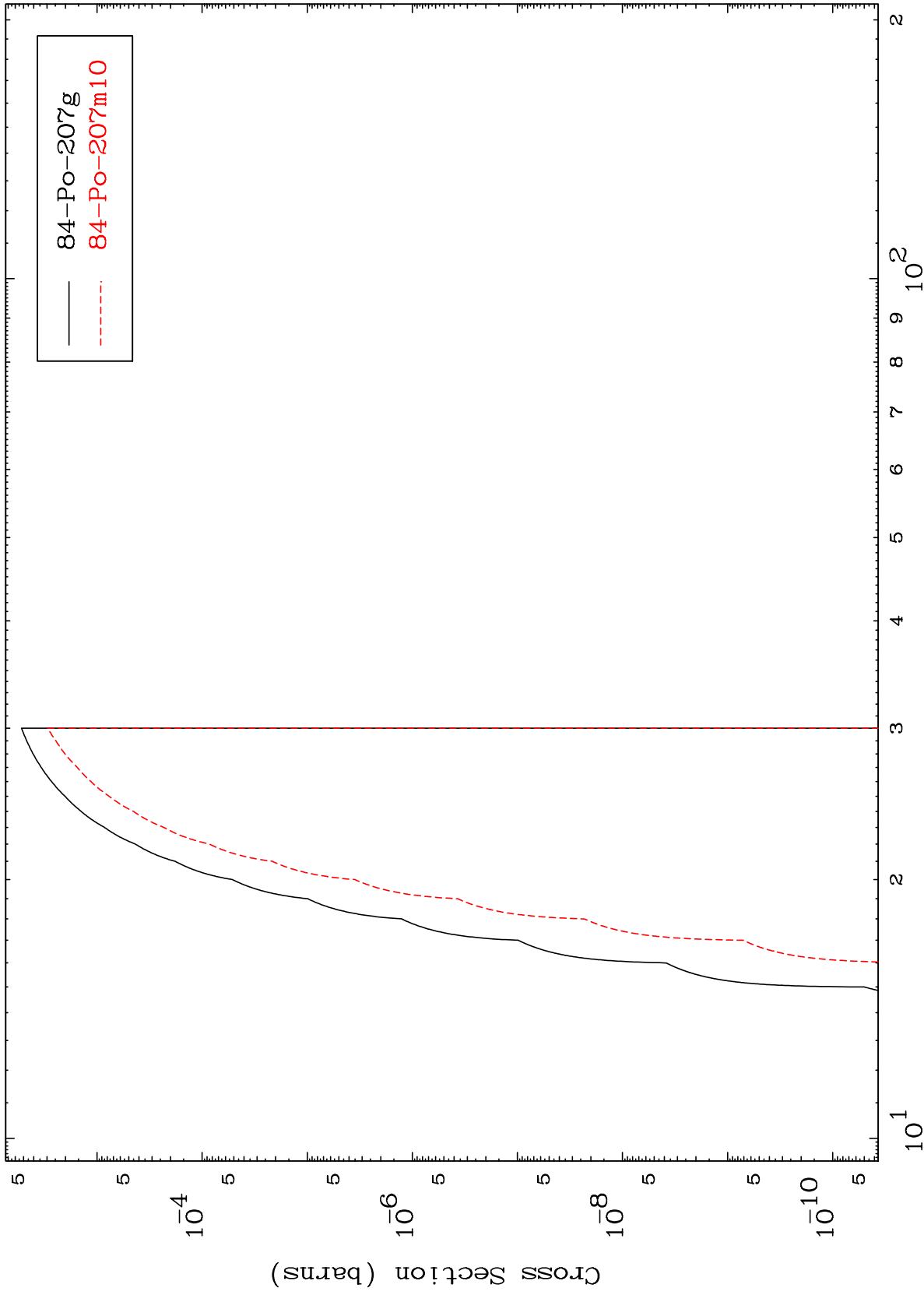
85-At-210

MAT 8546

(n,n') t

85-At-210

Radionuclide Production Cross Section



Incident Energy (MeV)

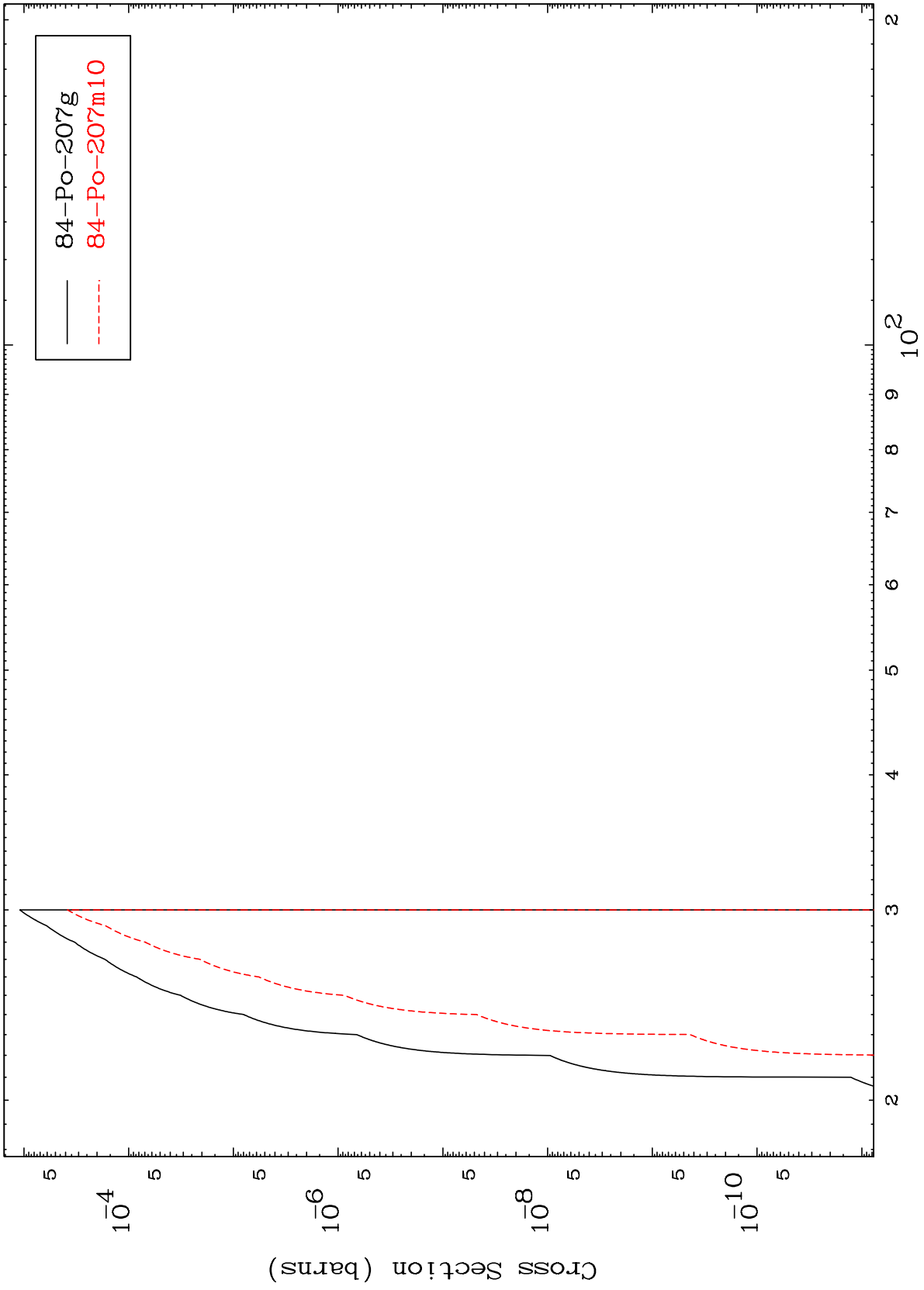
85-At-210

MAT 8546

(n,3n) p

85-At-210

Radionuclide Production Cross Section



126

Incident Energy (MeV)

85-At-210