

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
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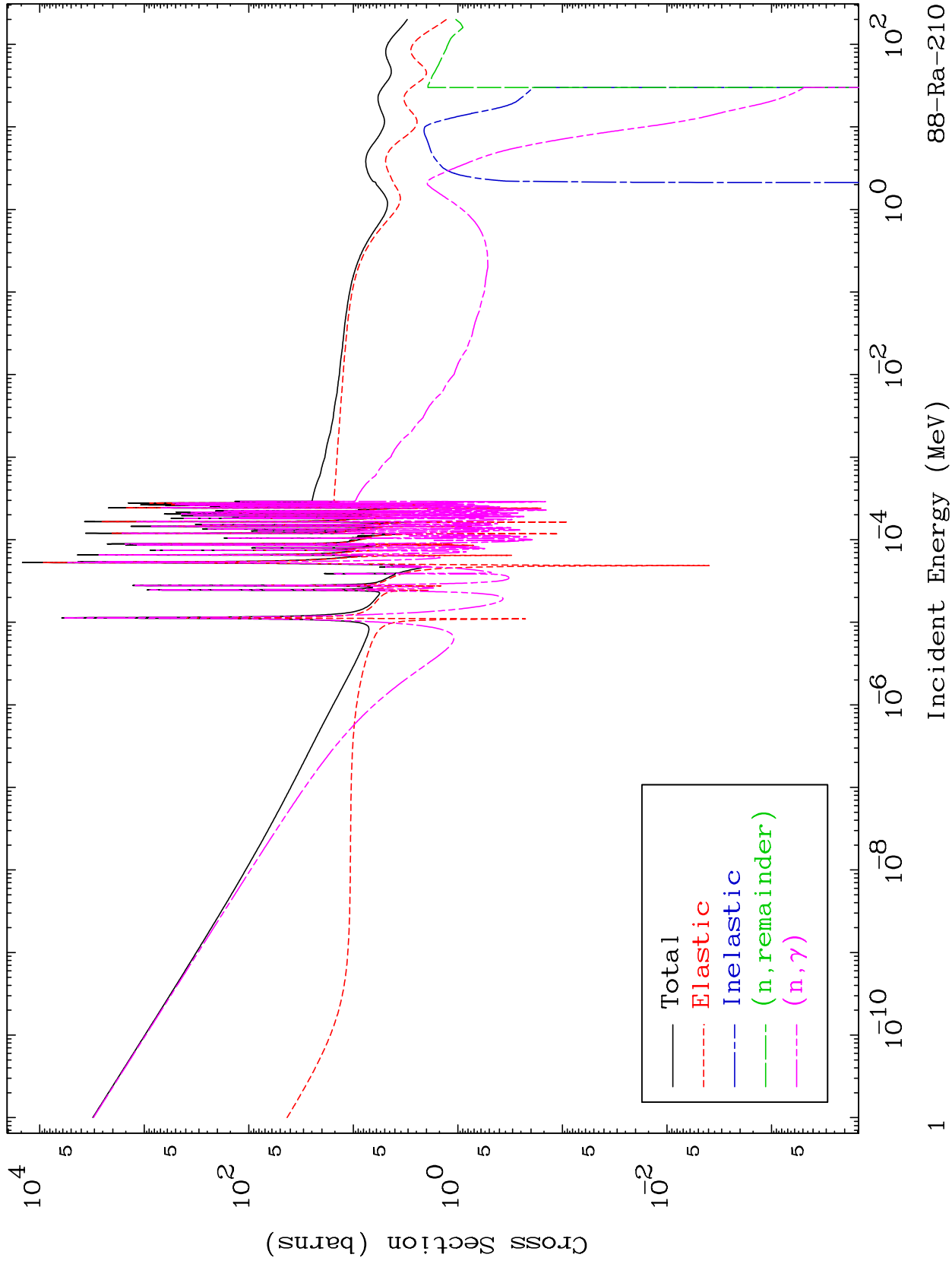
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8786

Major
293 Kelvin Cross Sections

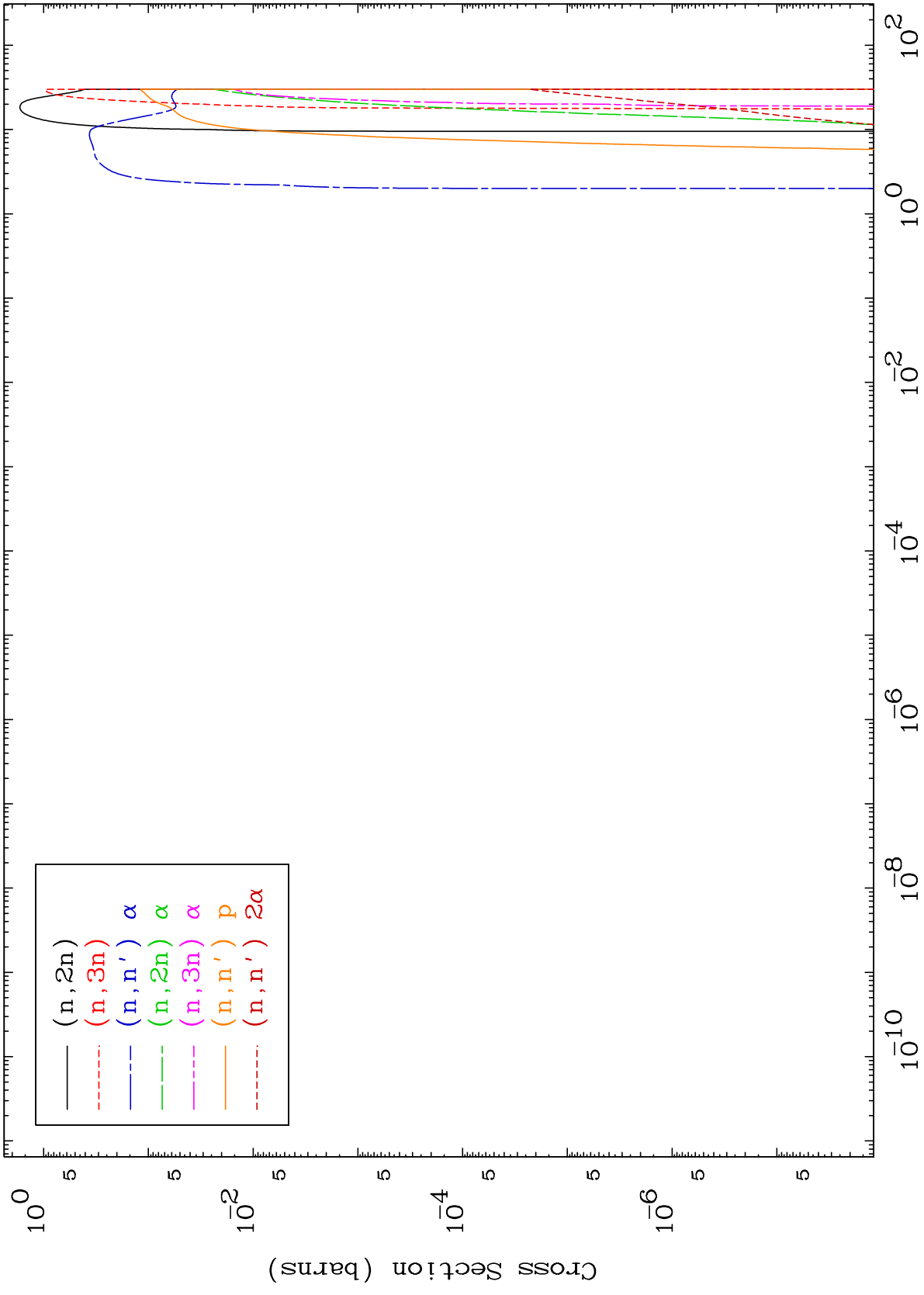
88-Ra-210



MAT 8786

Neutron Production
293 Kelvin Cross Sections

88-Ra-210

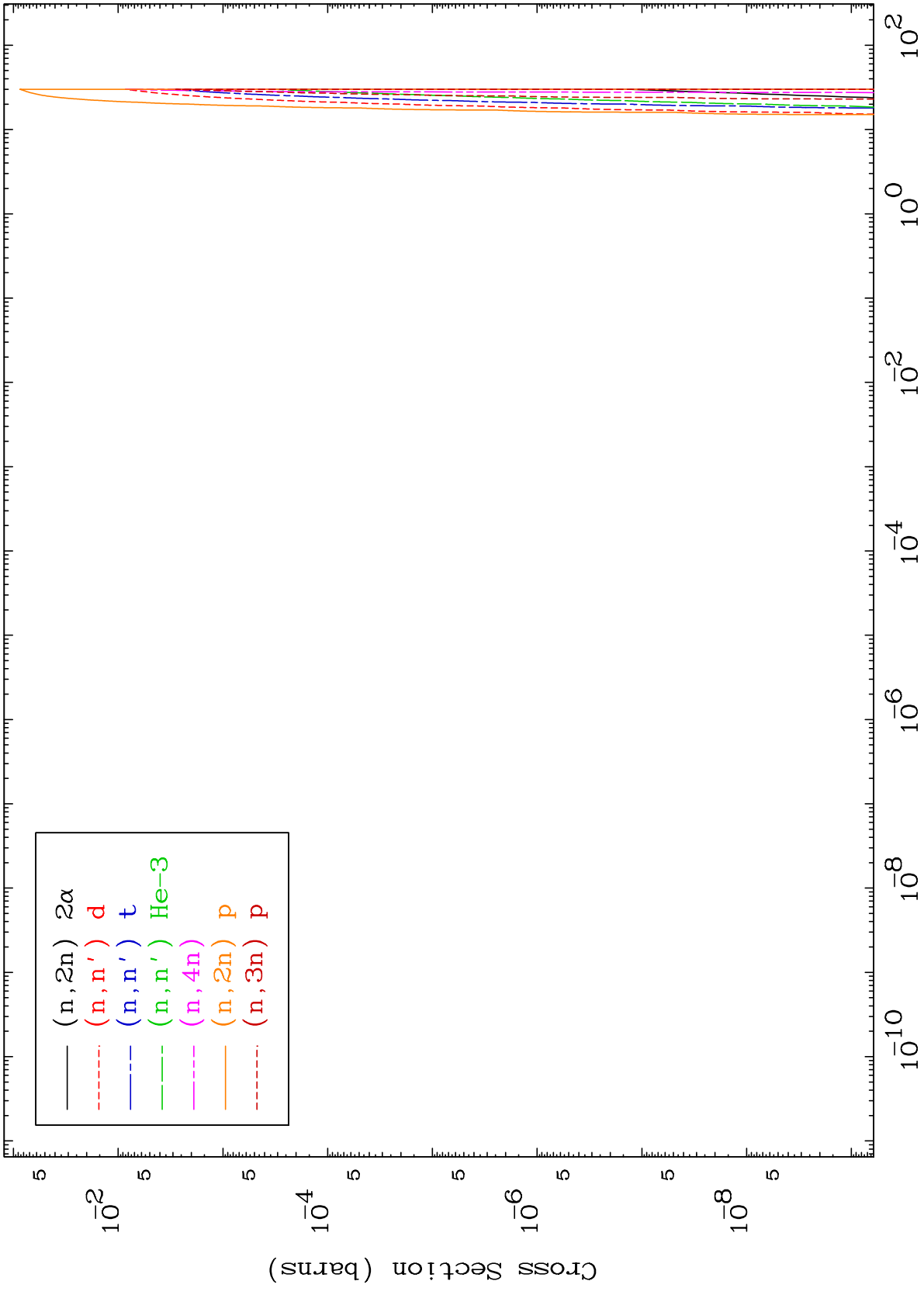


88-Ra-210

MAT 8786

Neutron Production
293 Kelvin Cross Sections

88-Ra-210

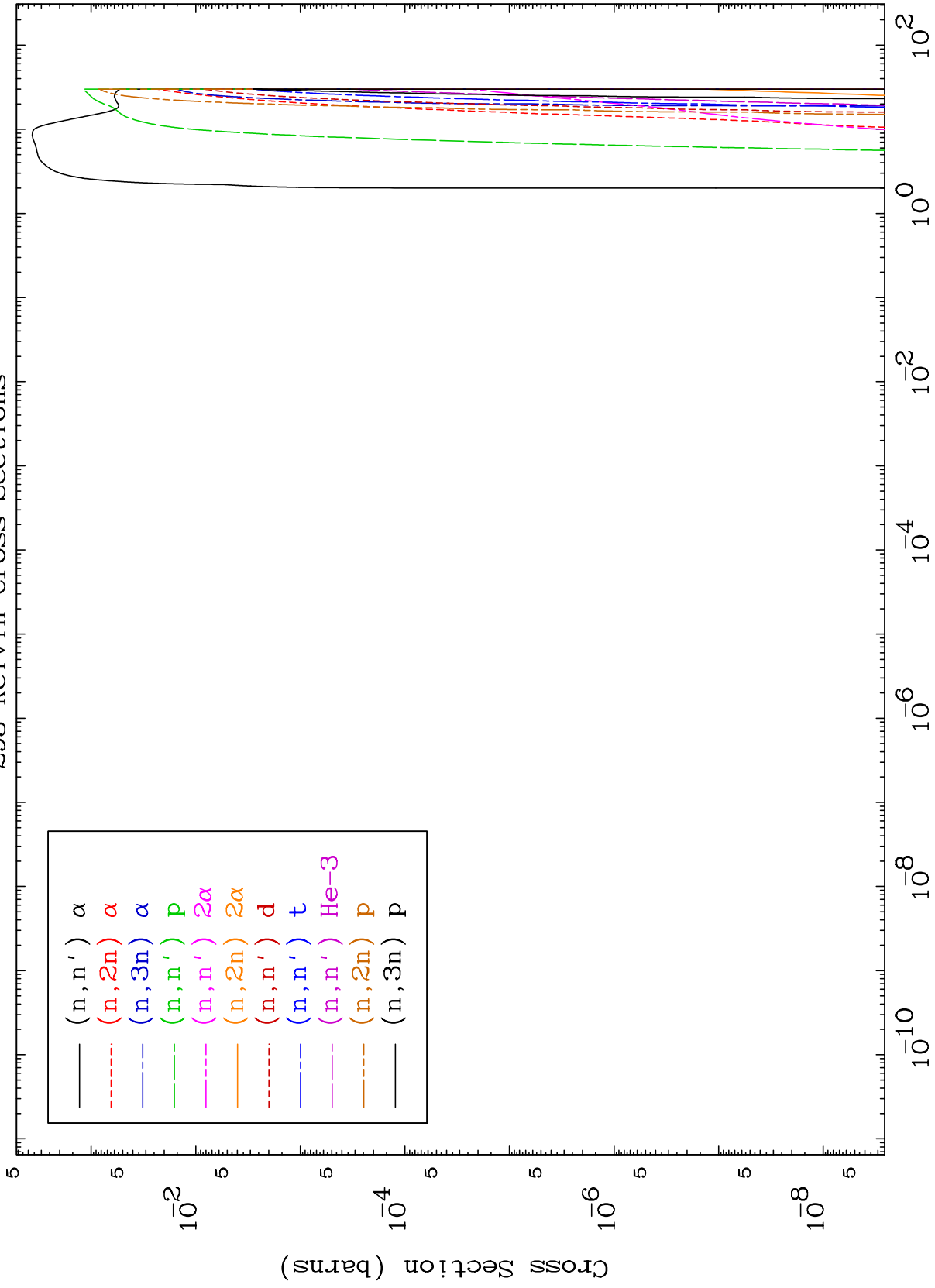


88-Ra-210

MAT 8786

Charged Particle
293 Kelvin Cross Sections

88-Ra-210



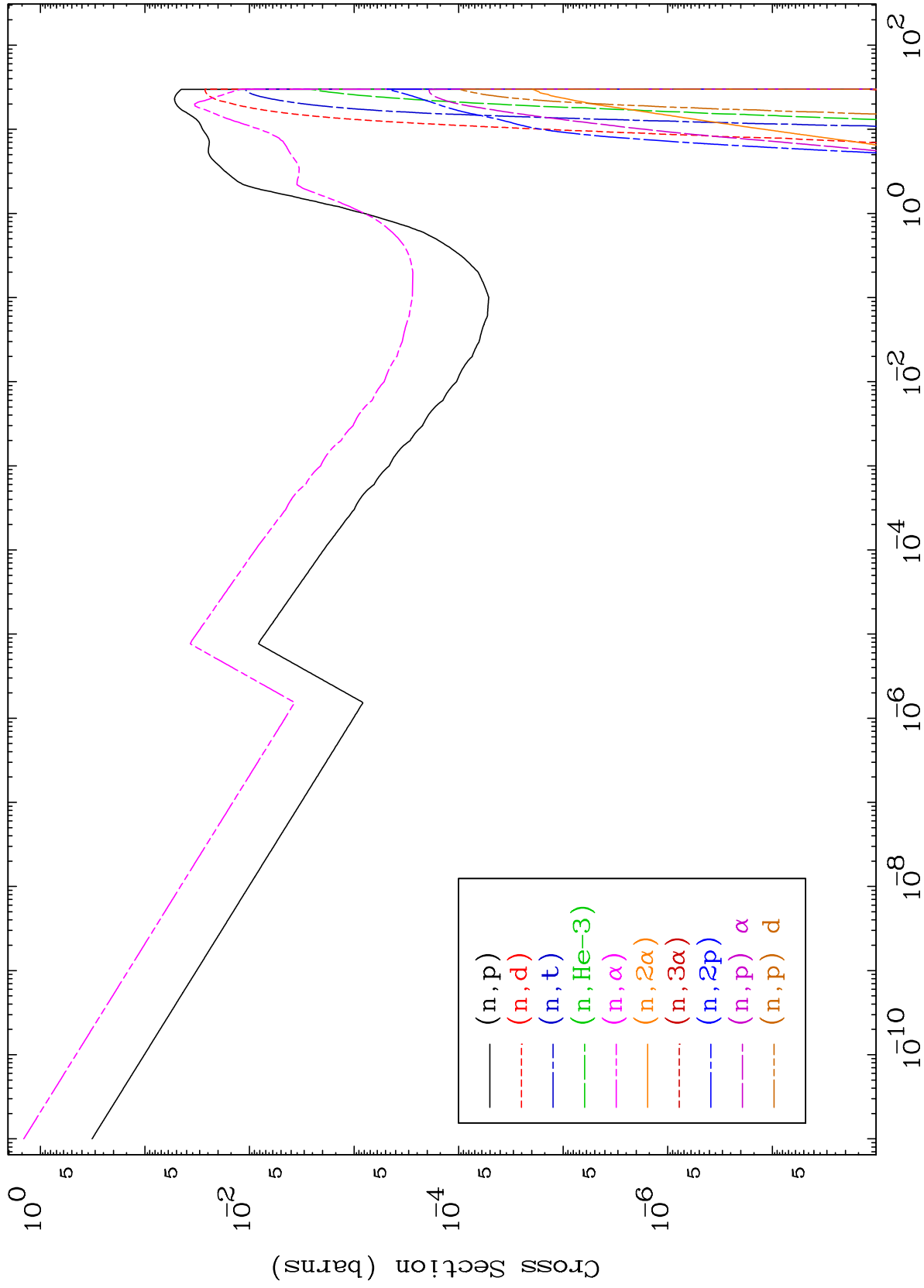
88-Ra-210

Incident Energy (MeV)

MAT 8786

Charged Particle
293 Kelvin Cross Sections

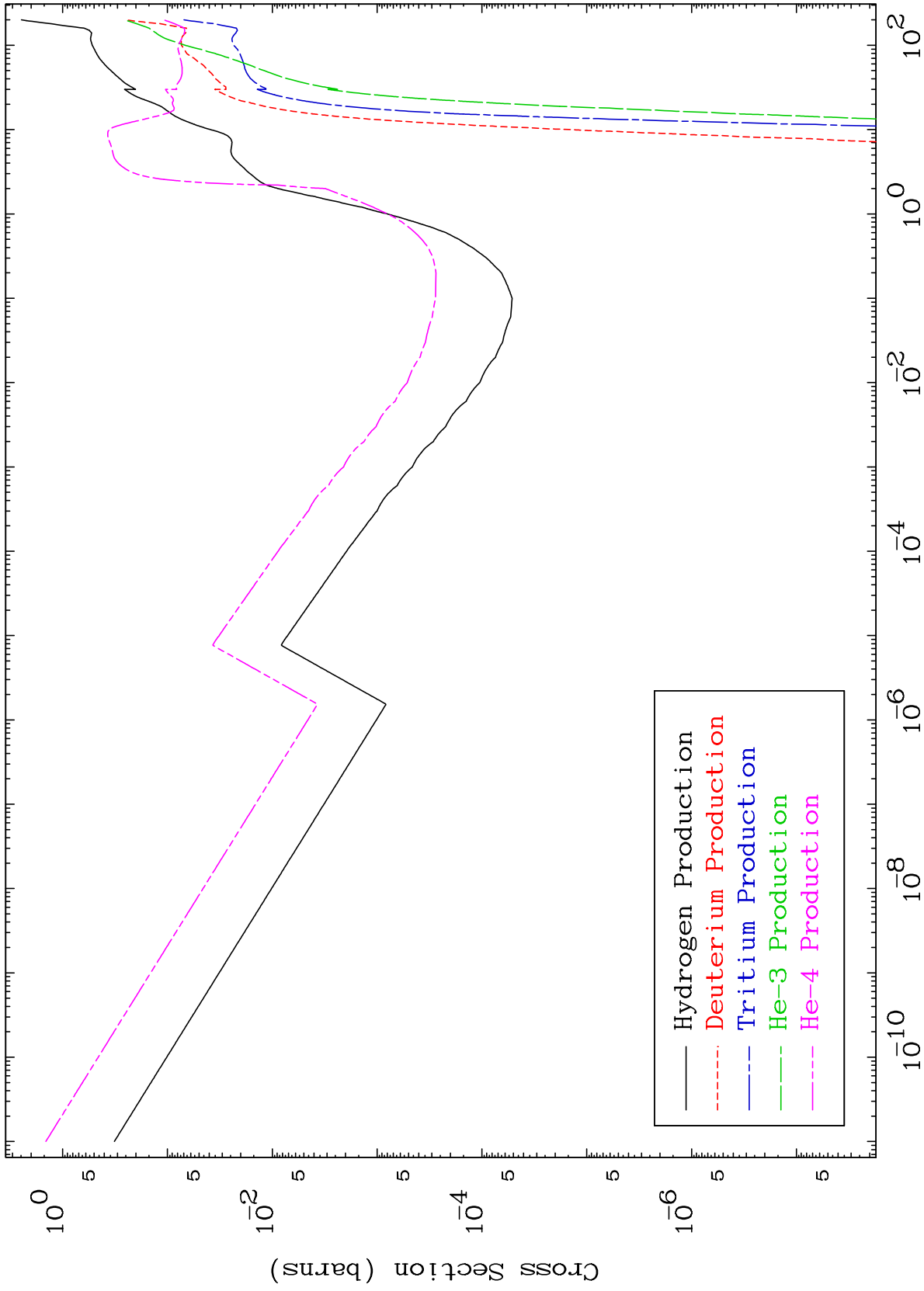
88-Ra-210



MAT 8786

Particle Production
293 Kelvin Cross Sections

88-Ra-210

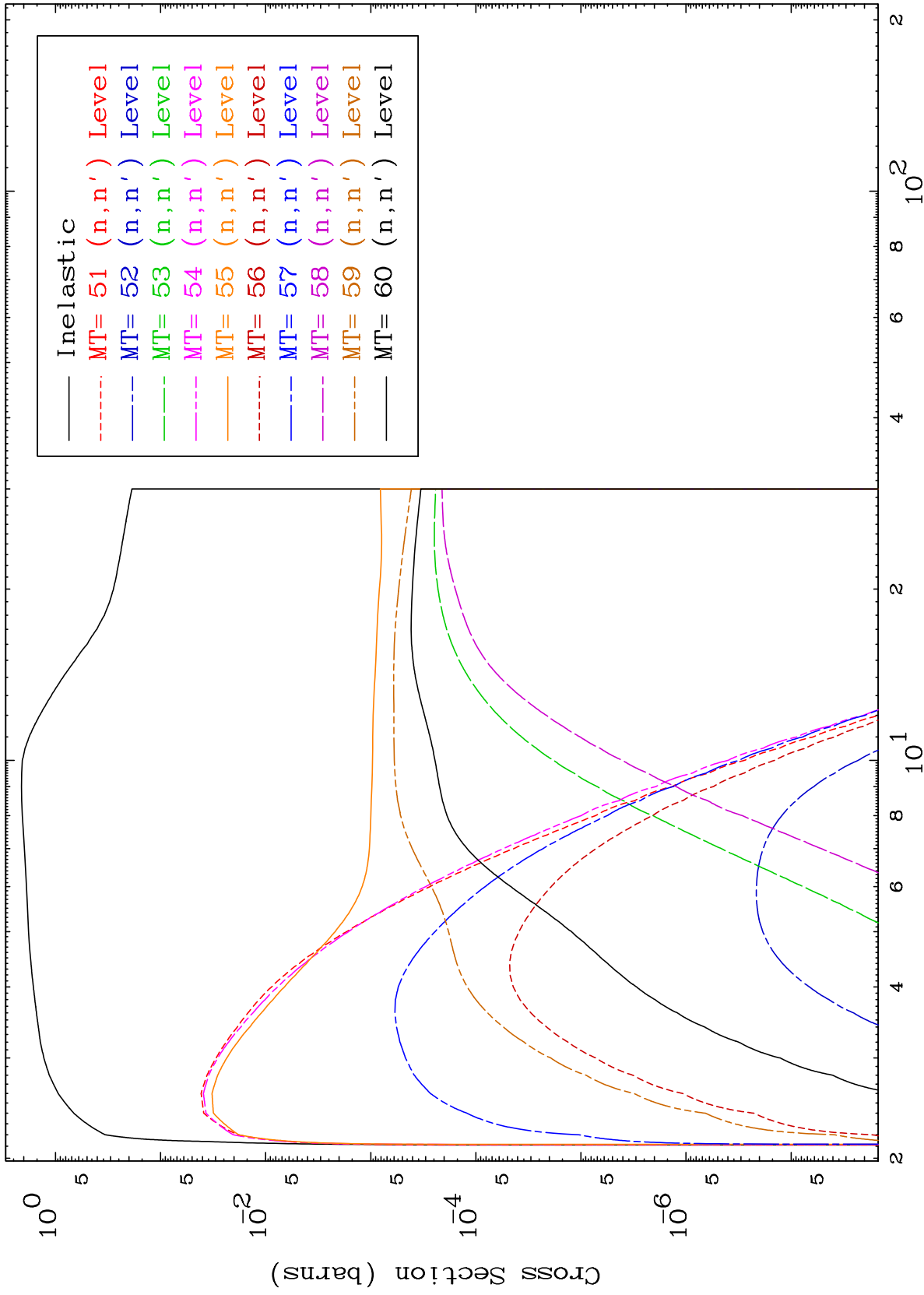


MAT 8786

(n,n') Level

88-Ra-210

293 Kelvin Cross Sections



7

Incident Energy (MeV)

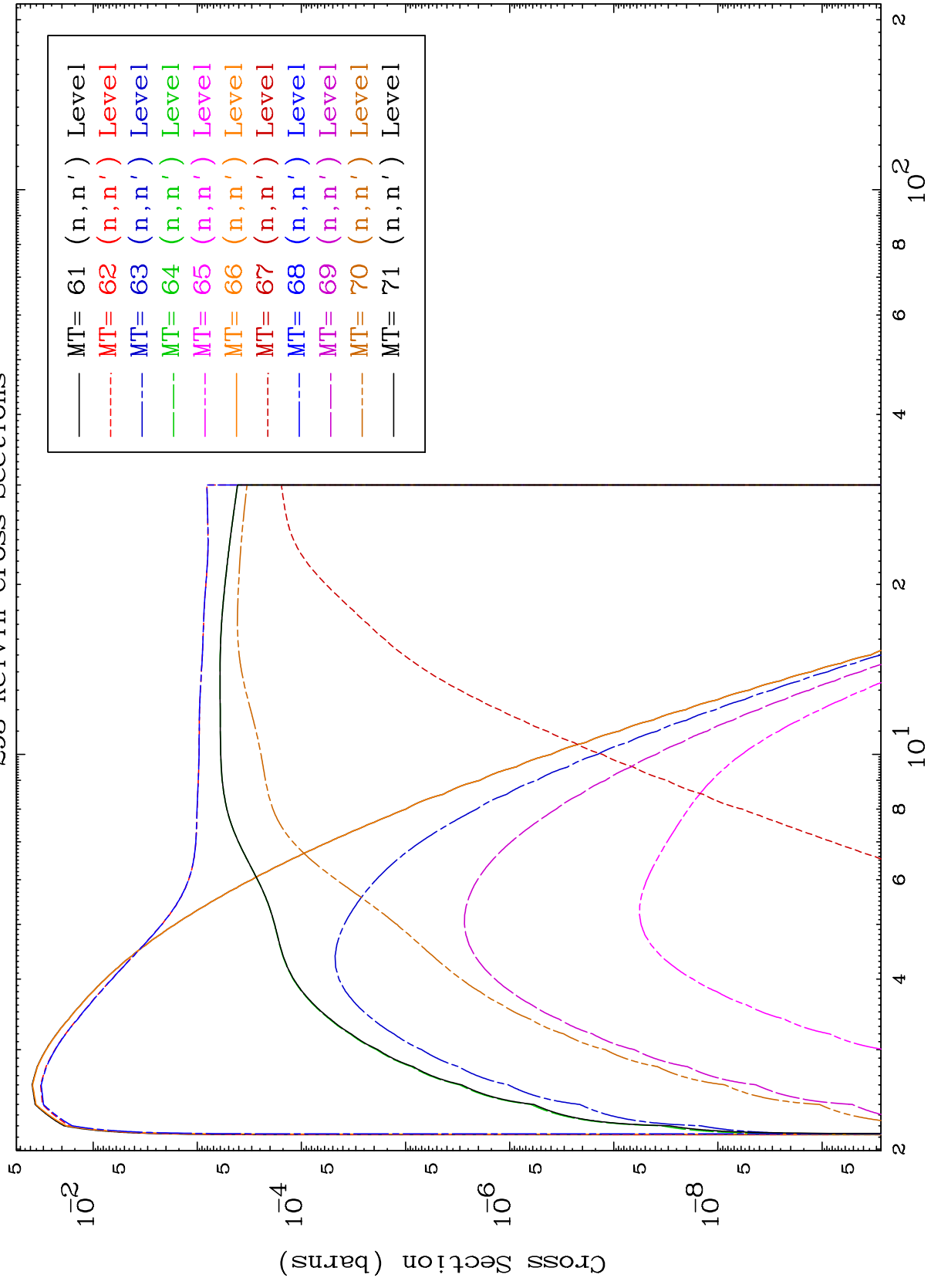
88-Ra-210

MAT 8786

(n,n') Level

88-Ra-210

293 Kelvin Cross Sections



8

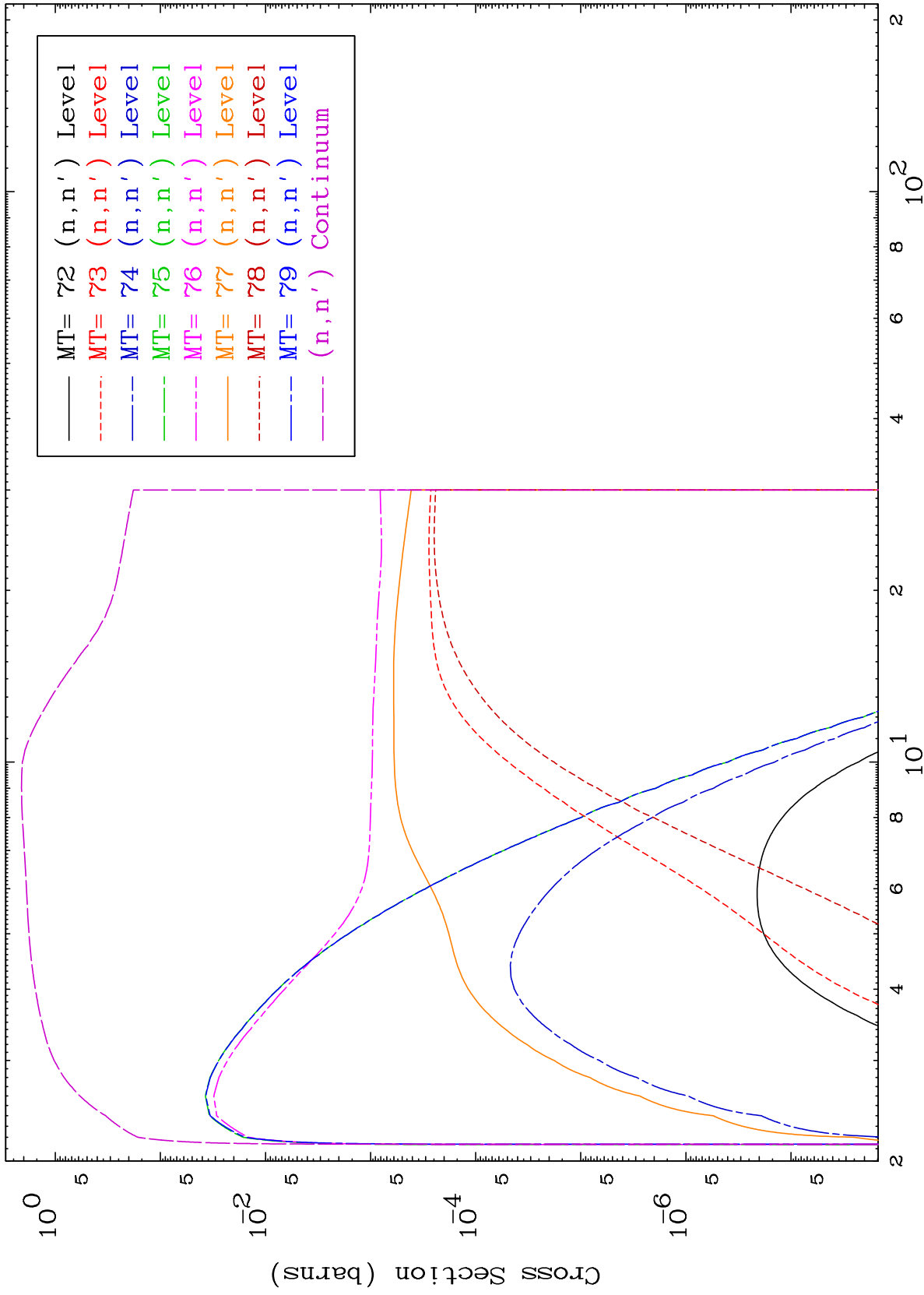
Incident Energy (MeV)

88-Ra-210

MAT 8786

(n,n') Level
293 Kelvin Cross Sections

88-Ra-210



9

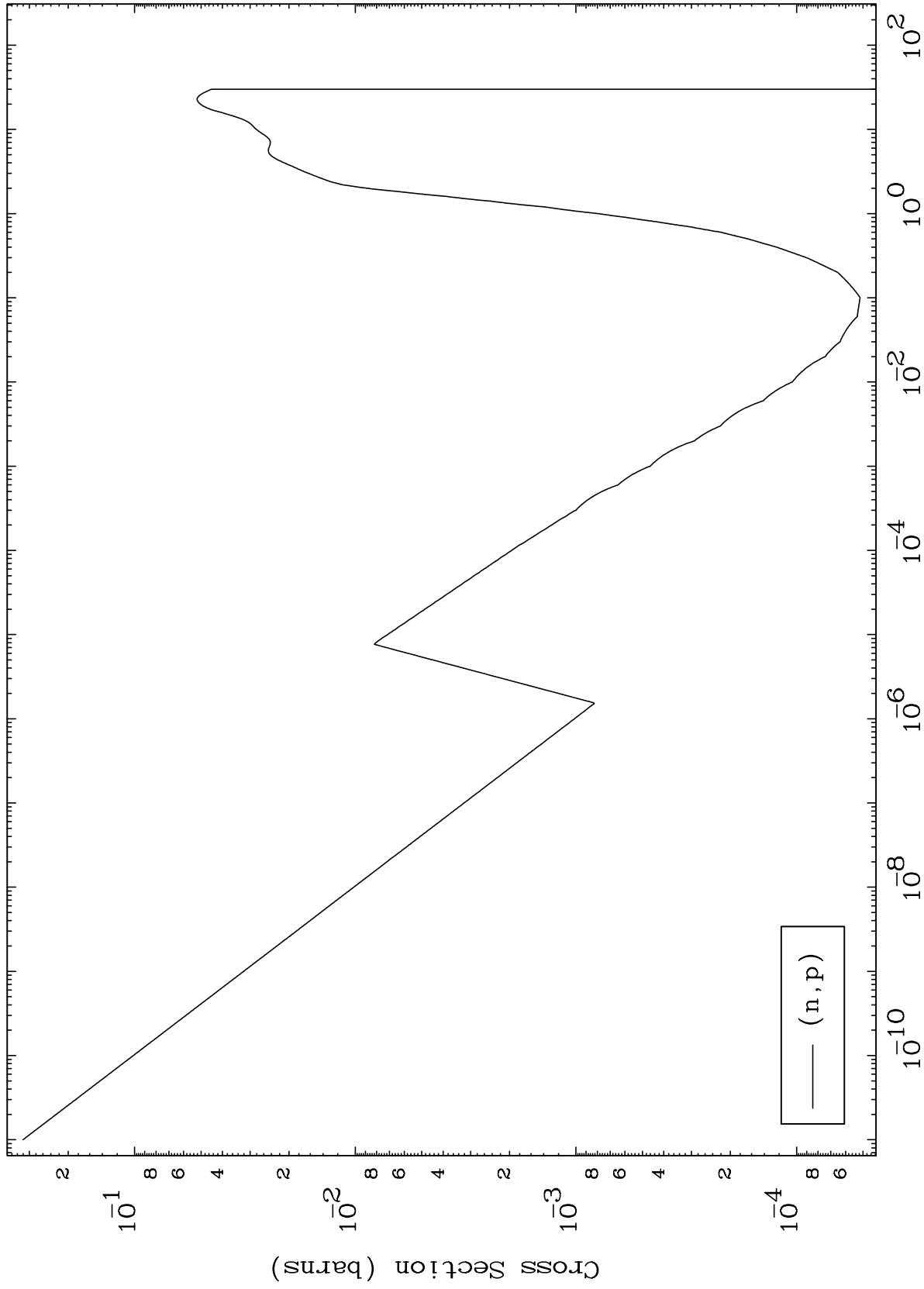
Incident Energy (MeV)

88-Ra-210

MAT 8786

(n,p) Levels
293 Kelvin Cross Sections

88-Ra-210



10

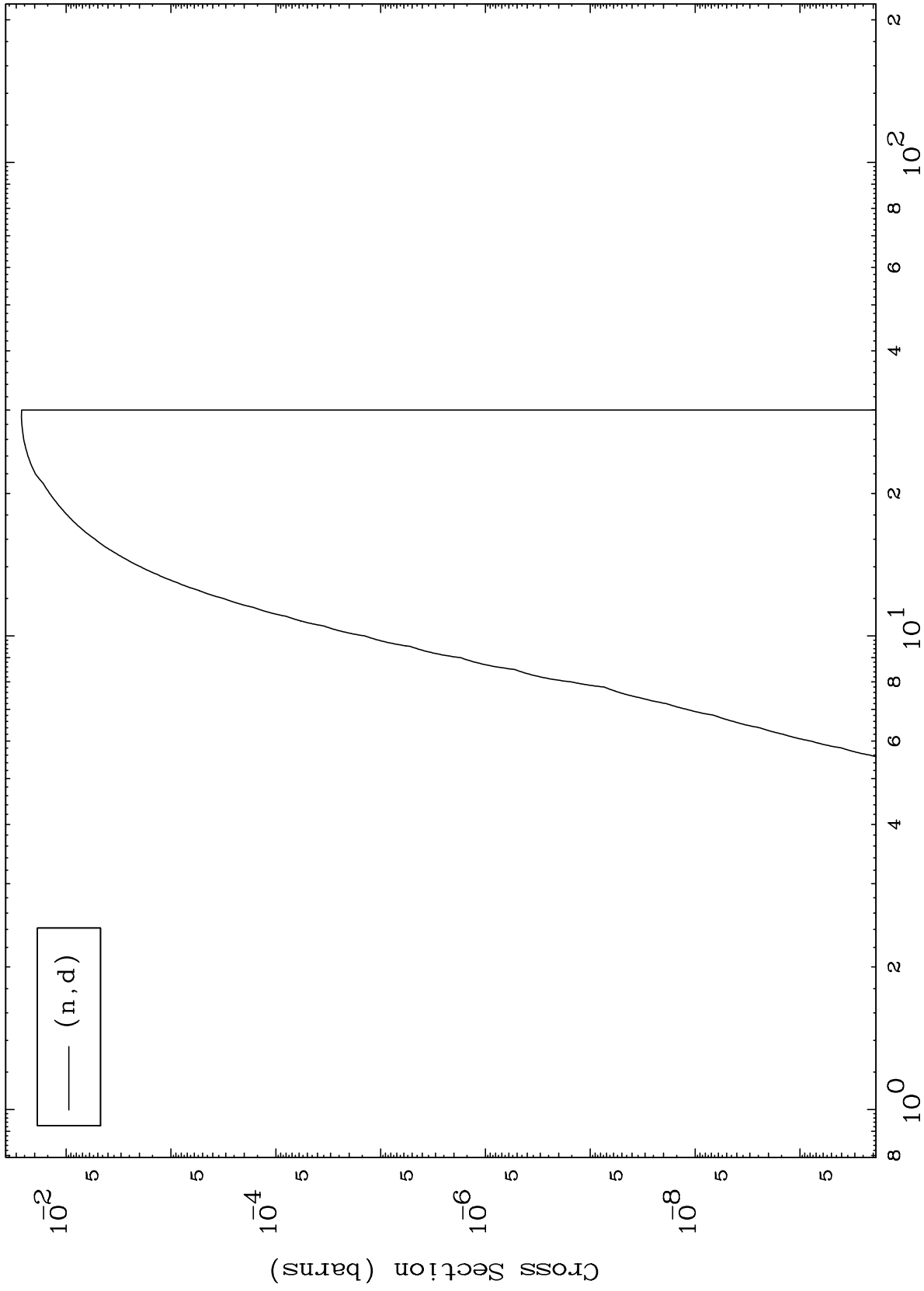
Incident Energy (MeV)

88-Ra-210

MAT 8786

(n,d) Levels
293 Kelvin Cross Sections

88-Ra-210



11

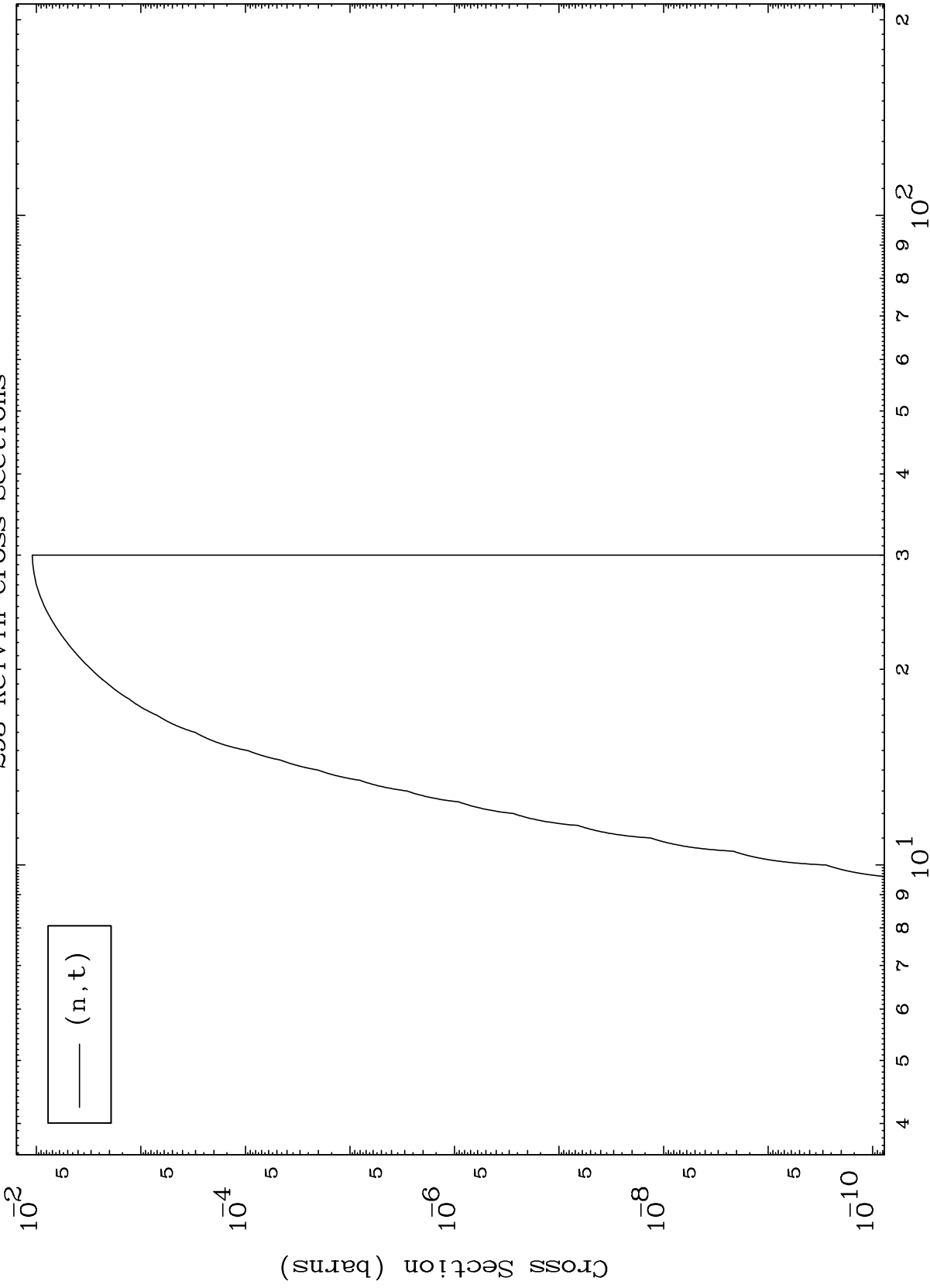
Incident Energy (MeV)

88-Ra-210

MAT 8786

88-Ra-210

(n,t) Levels
293 Kelvin Cross Sections



12

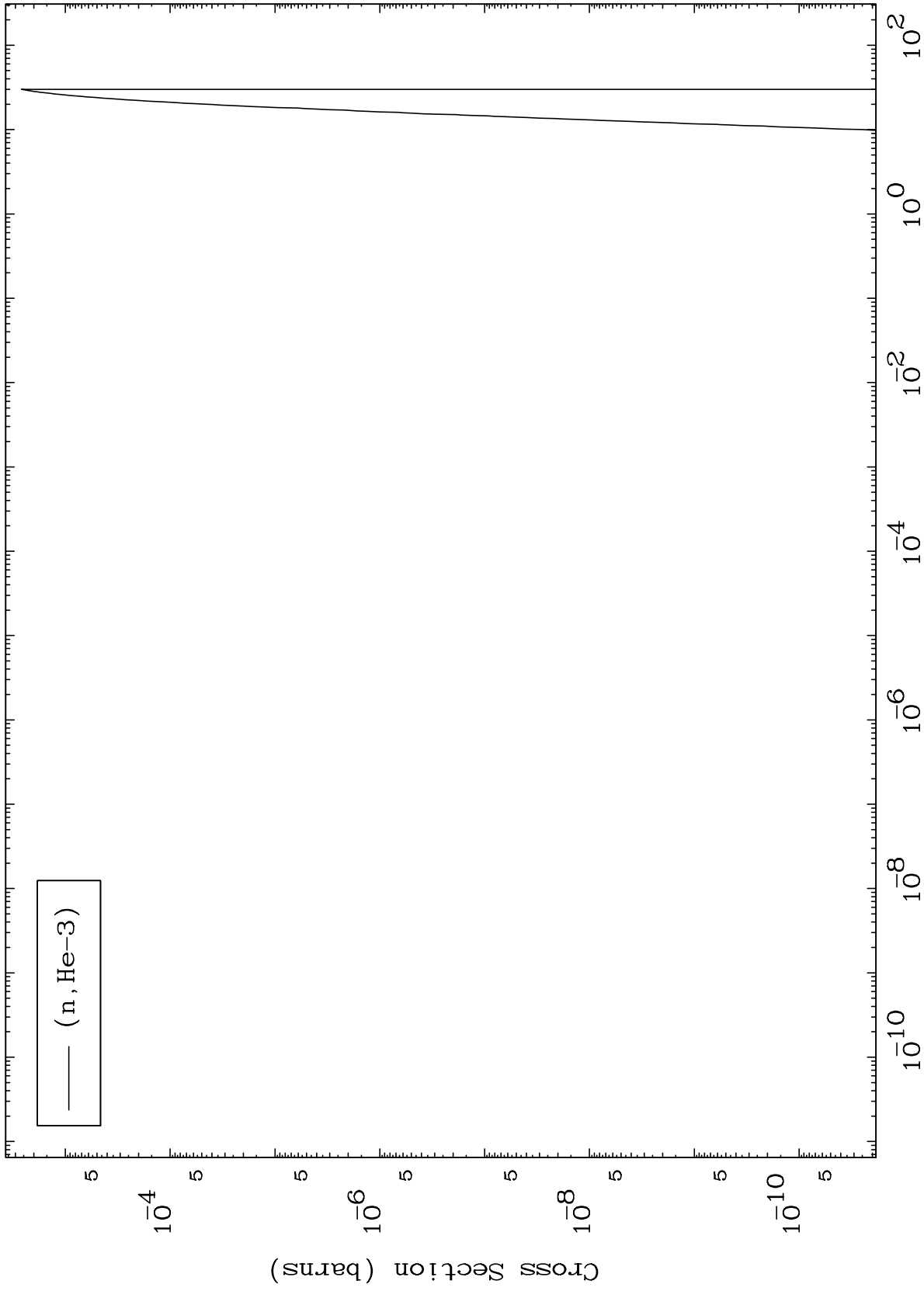
Incident Energy (MeV)

88-Ra-210

MAT 8786

(n,He3) Levels
293 Kelvin Cross Sections

88-Ra-210



13

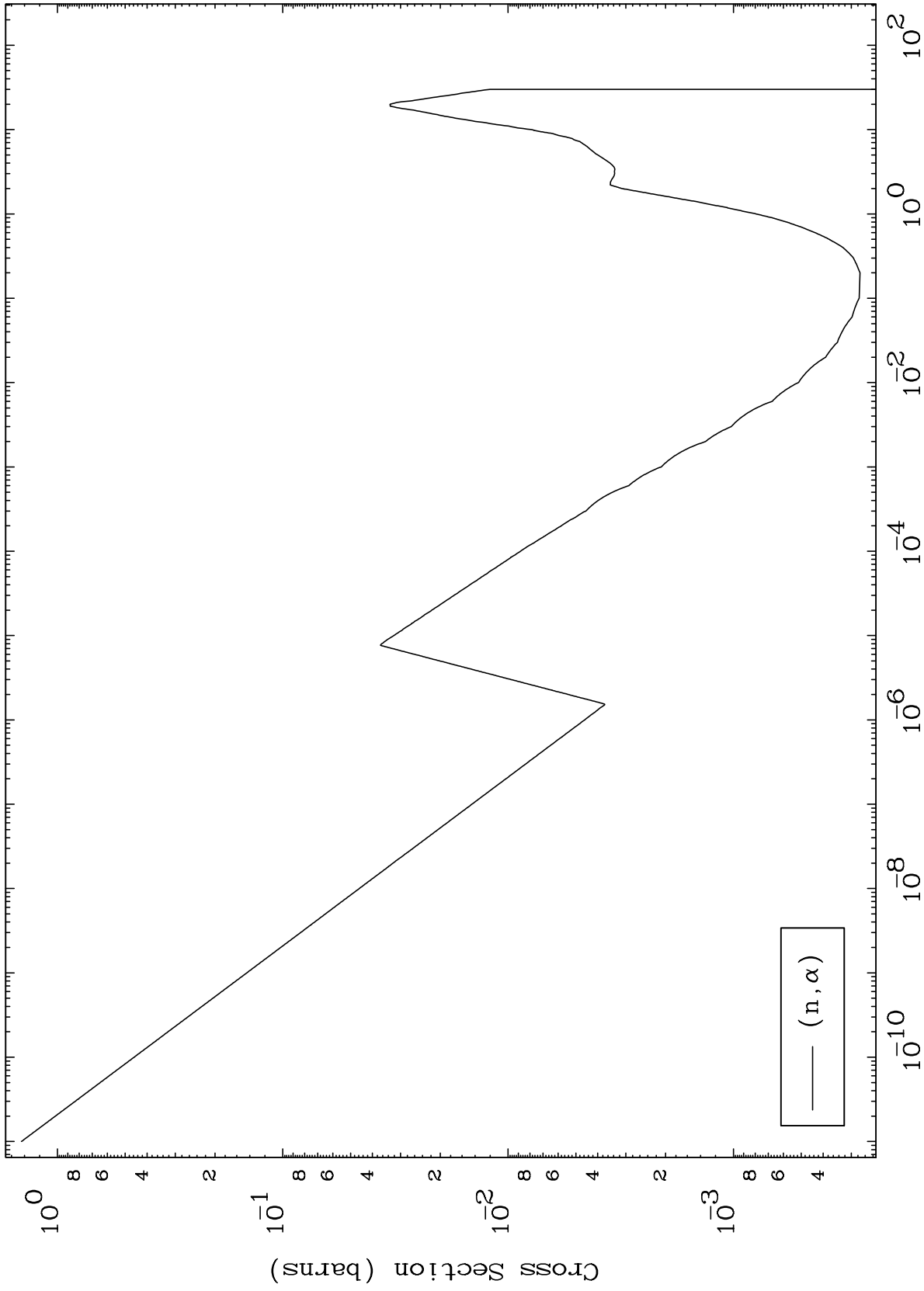
Incident Energy (MeV)

88-Ra-210

MAT 8786

(n,α) Levels
293 Kelvin Cross Sections

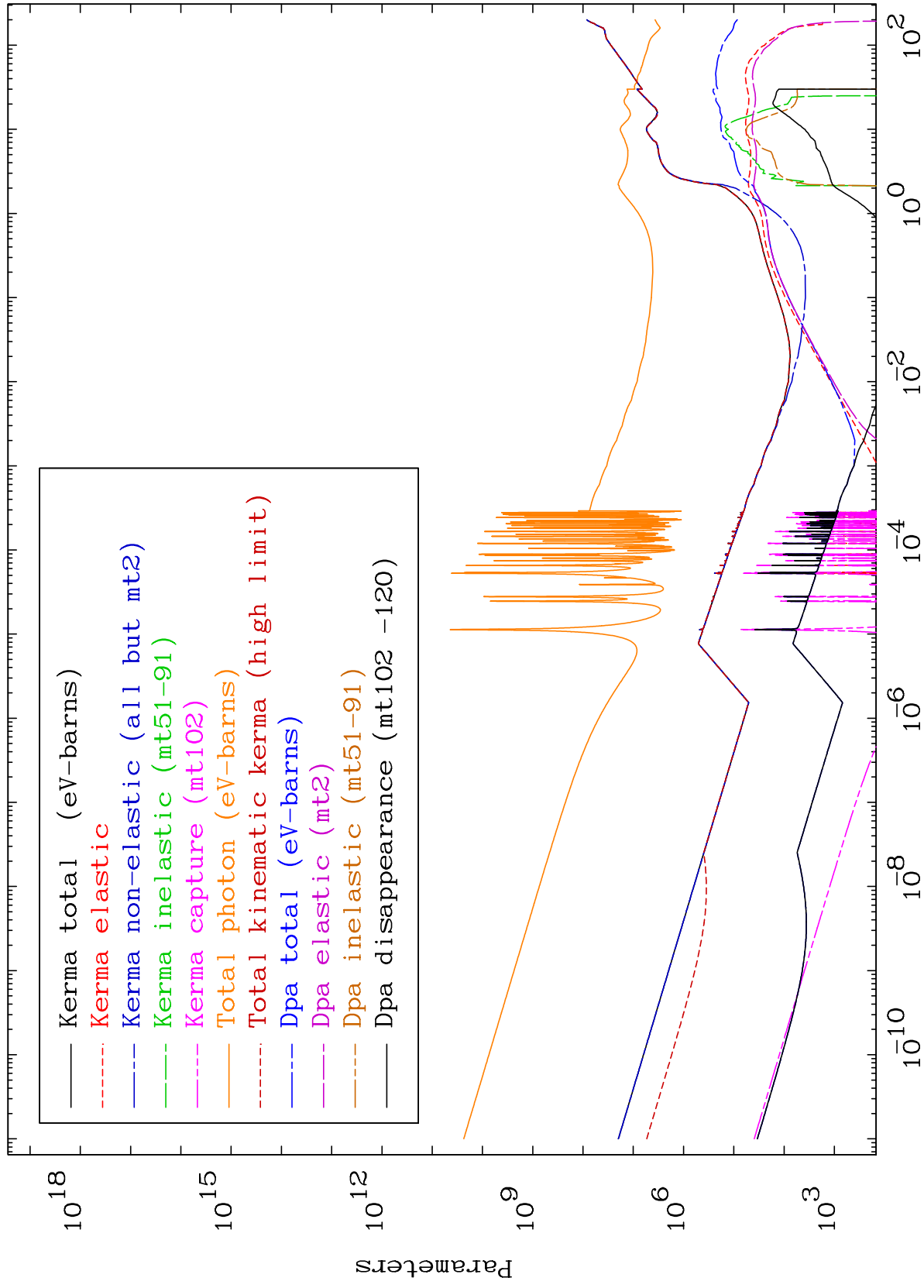
88-Ra-210

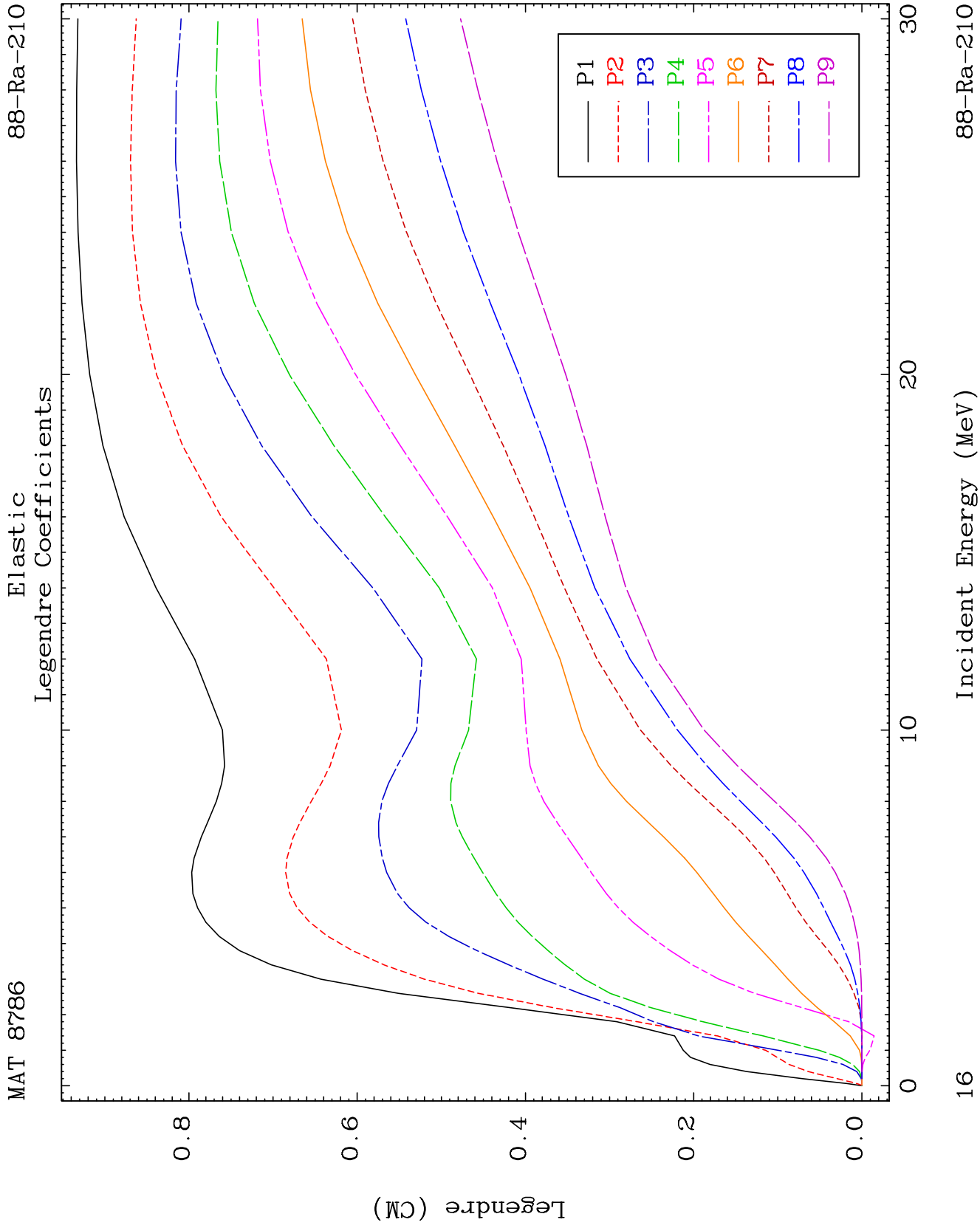


14

Incident Energy (MeV)

88-Ra-210

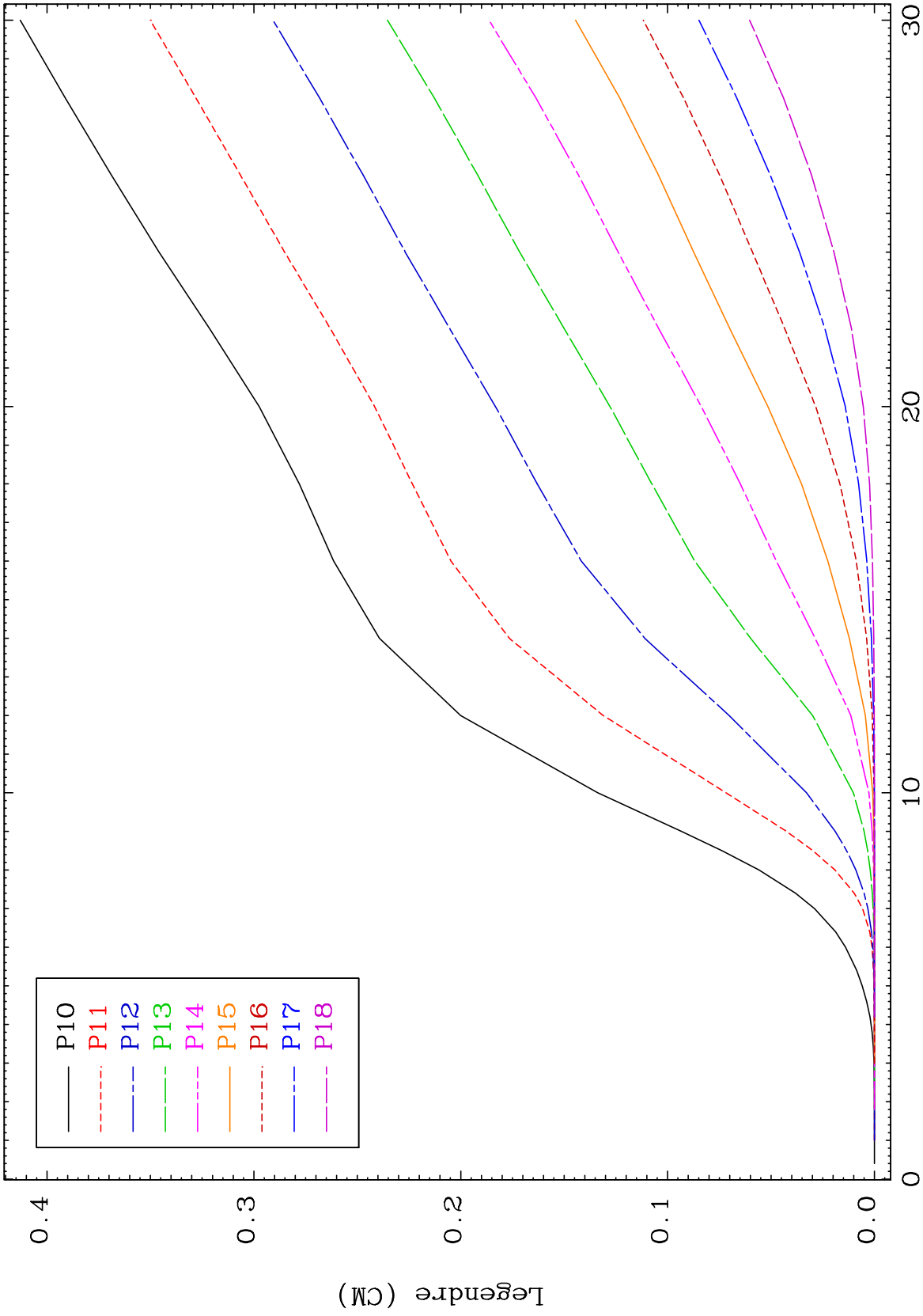




MAT 8786

Elastic Legendre Coefficients

88-Ra-210



17

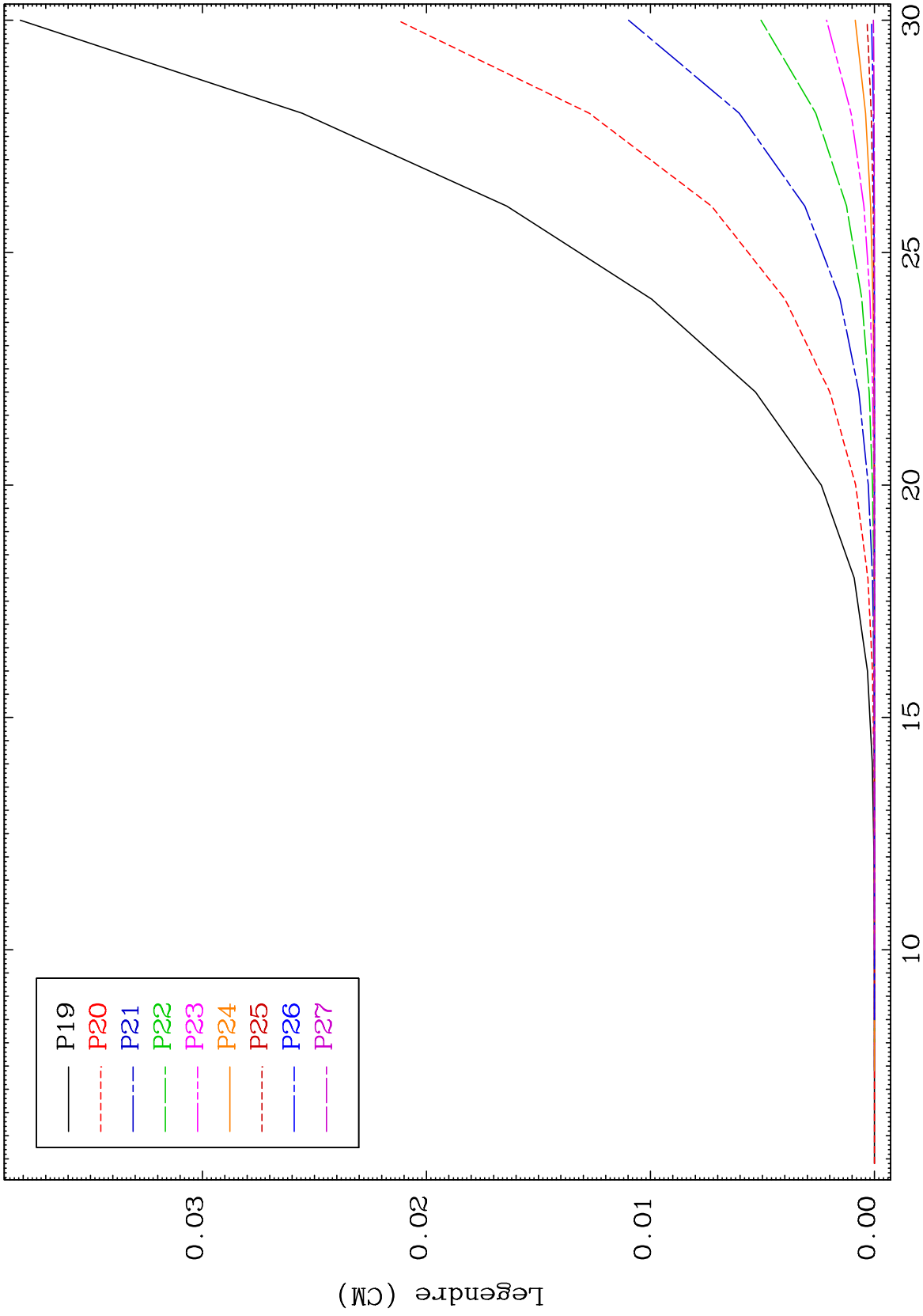
Incident Energy (MeV)

88-Ra-210

MAT 8786

Elastic Legendre Coefficients

88-Ra-210



18

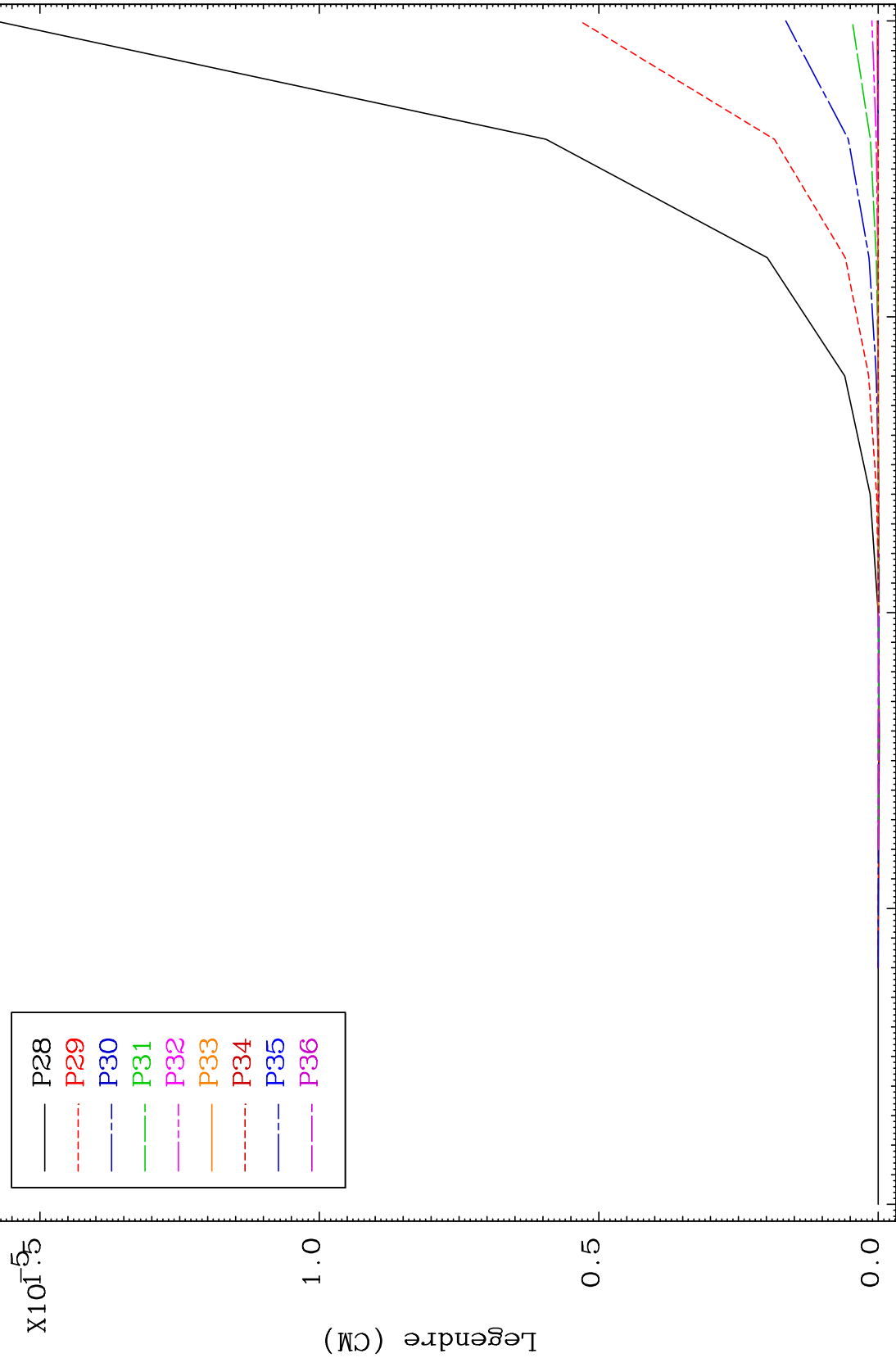
Incident Energy (MeV)

88-Ra-210

MAT 8786

Elastic Legendre Coefficients

88-Ra-210



$\times 10^5$

Legendre (CM)

0.5

0.0

15

20

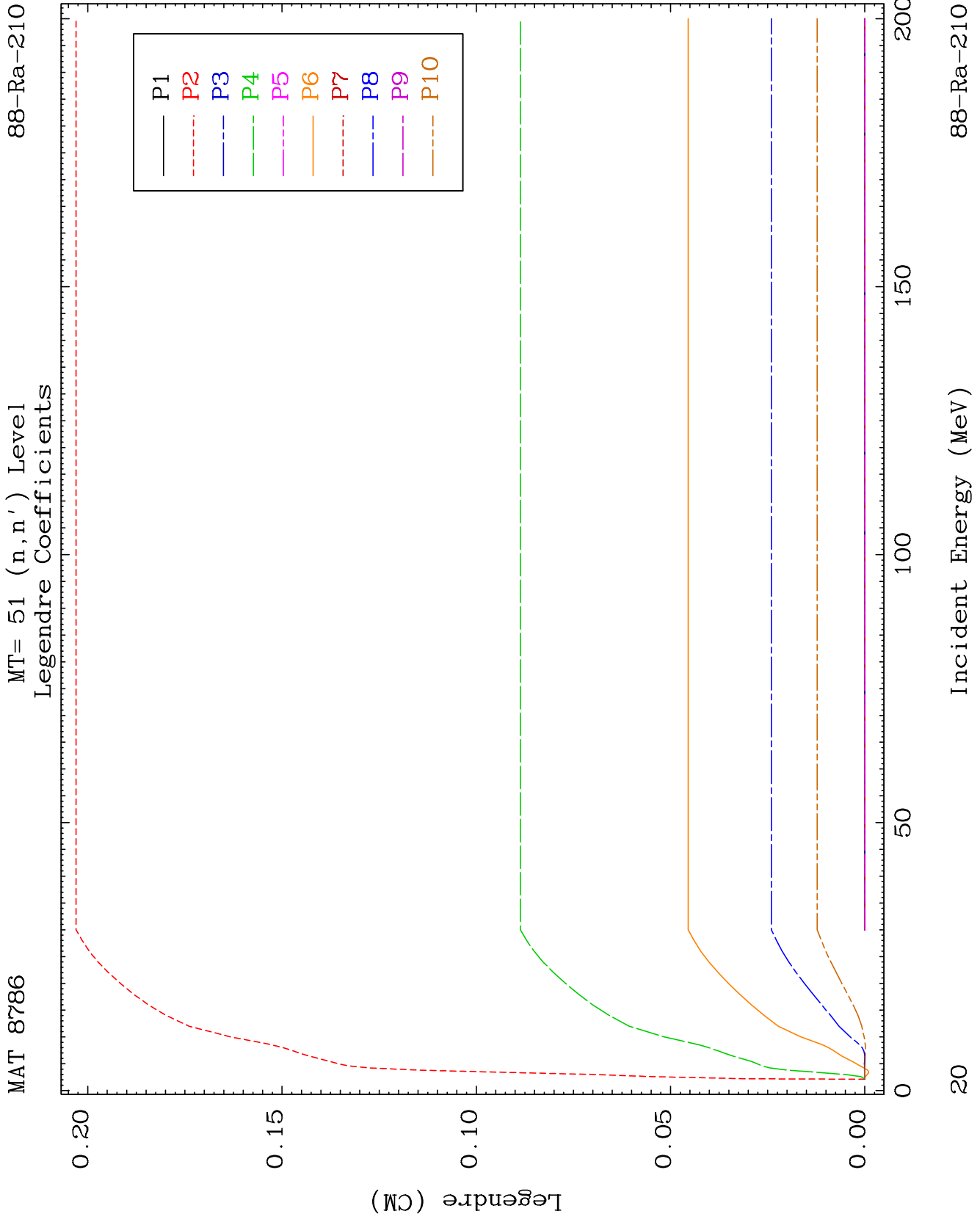
25

30

19

Incident Energy (MeV)

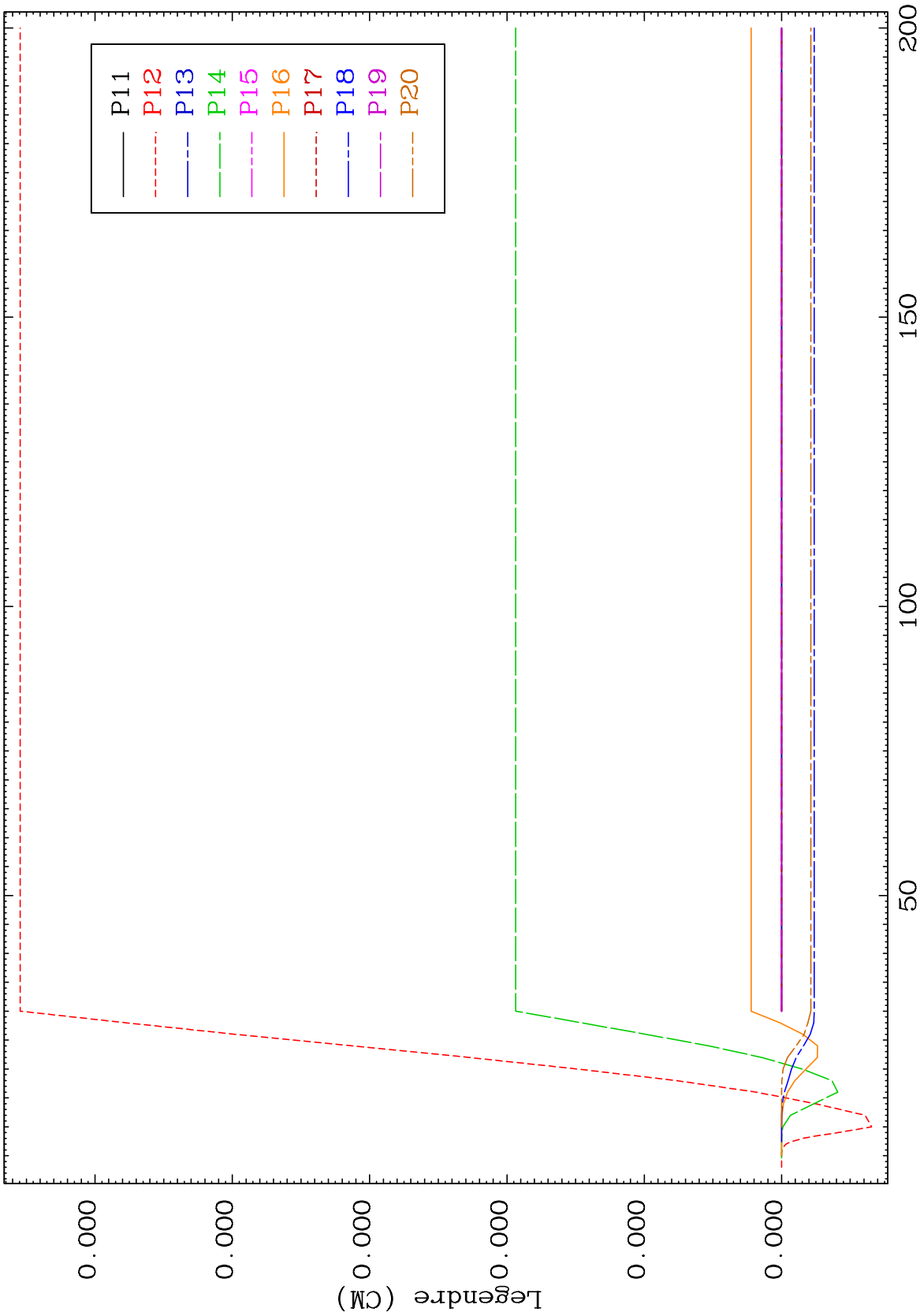
88-Ra-210



MAT 8786

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

88-Ra-210



21

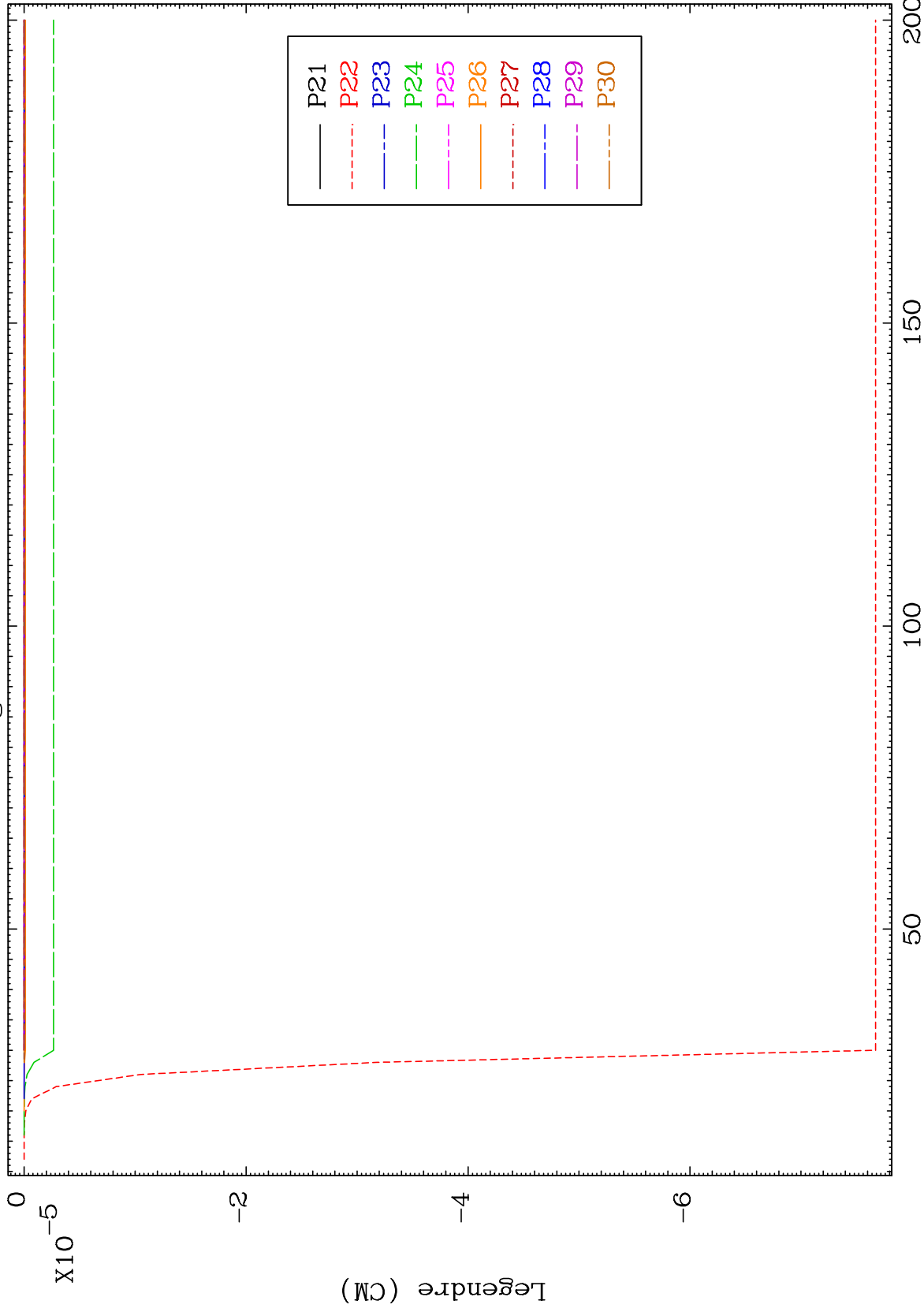
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



22

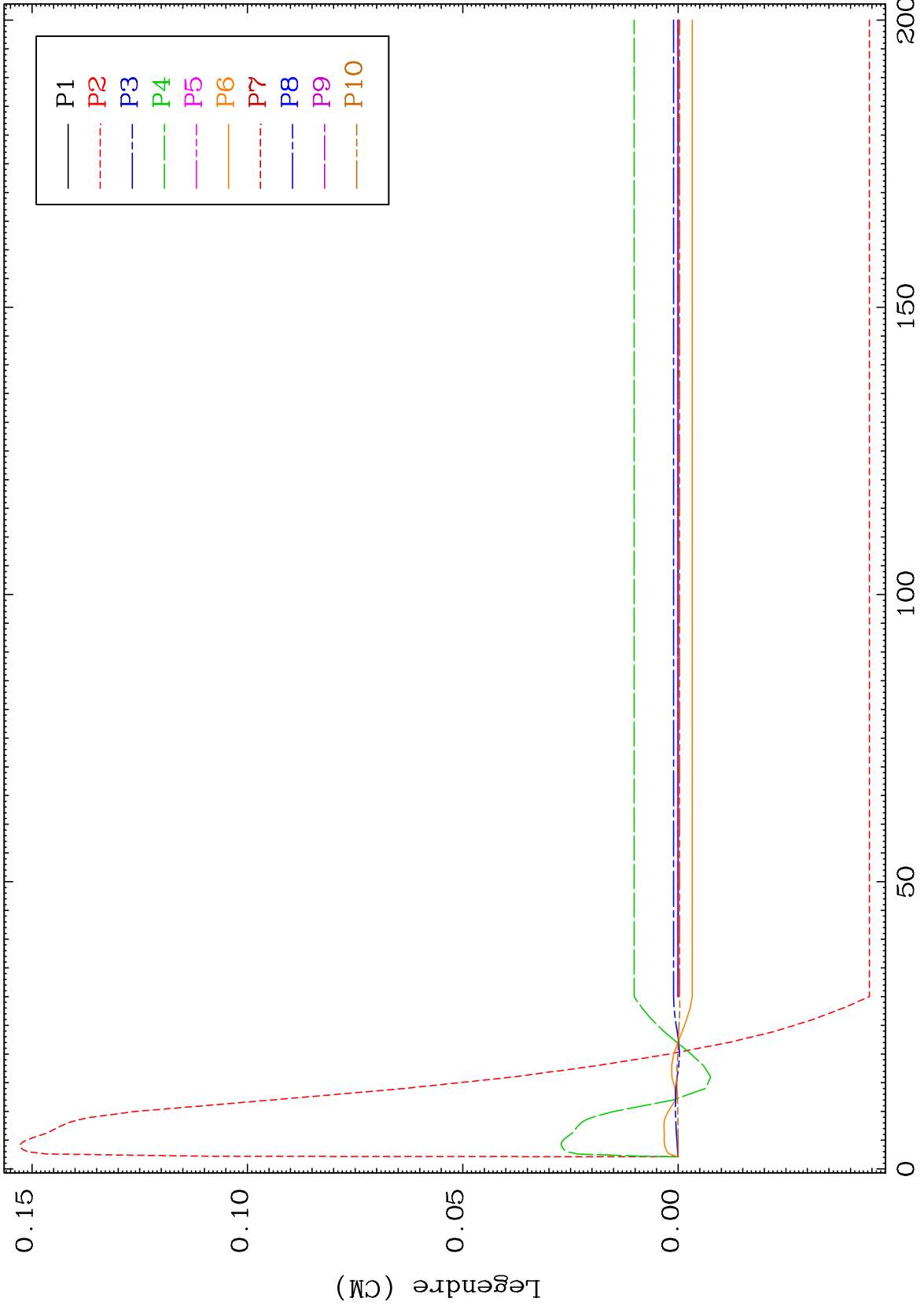
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



23

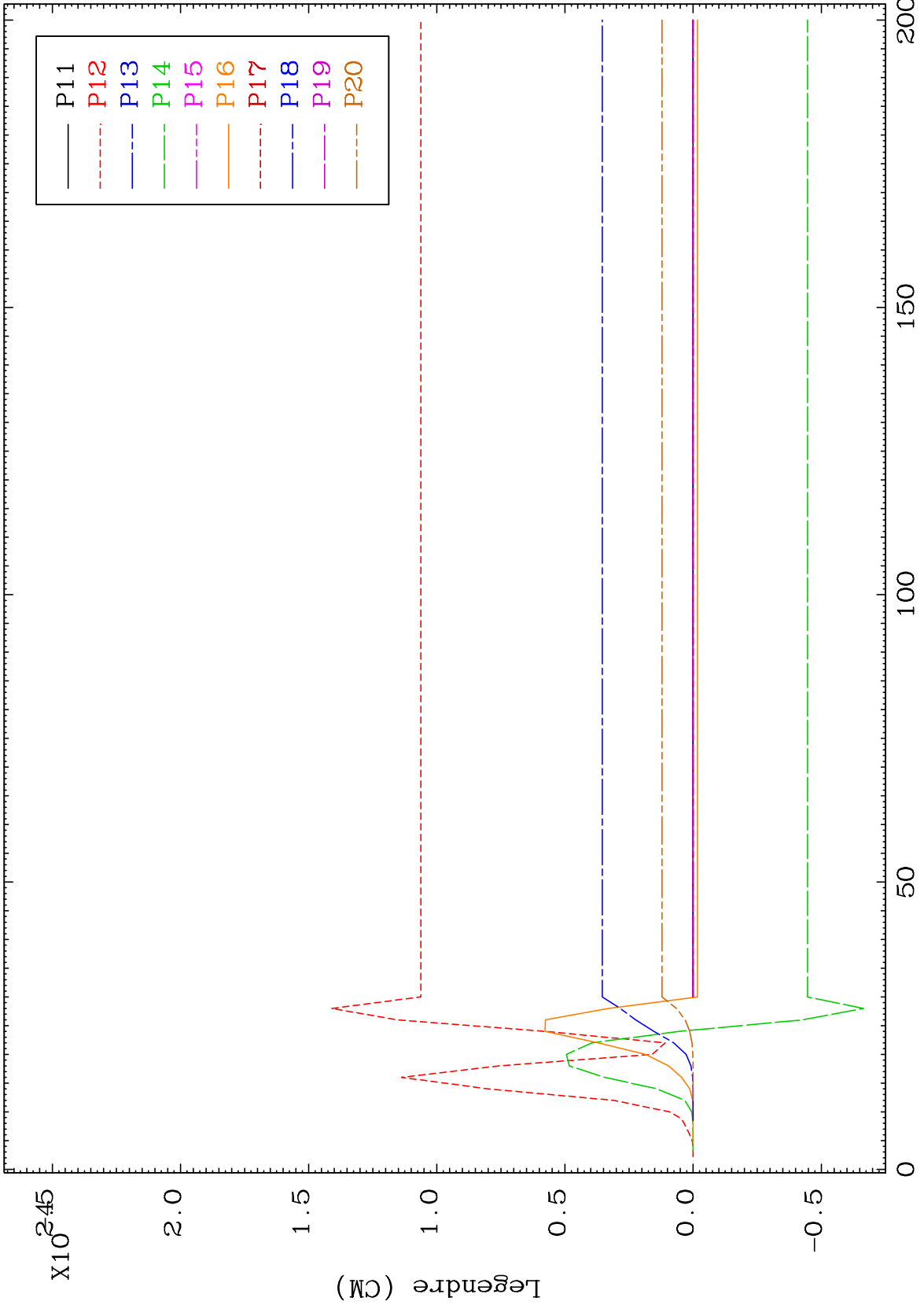
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210

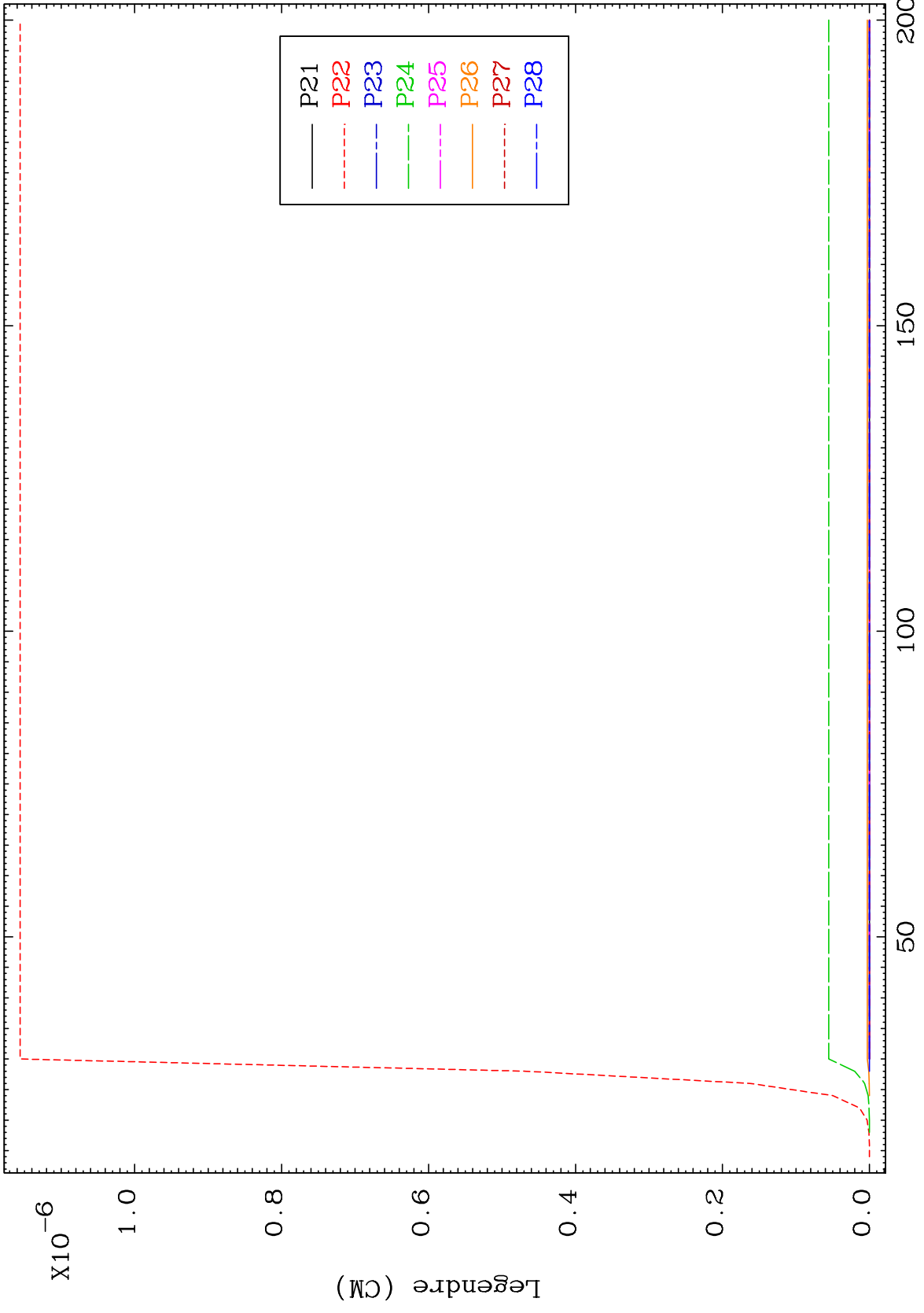


24

Incident Energy (MeV)

88-Ra-210

MAT 8786 MT= 52 (n,n') Level Legendre Coefficients 88-Ra-210

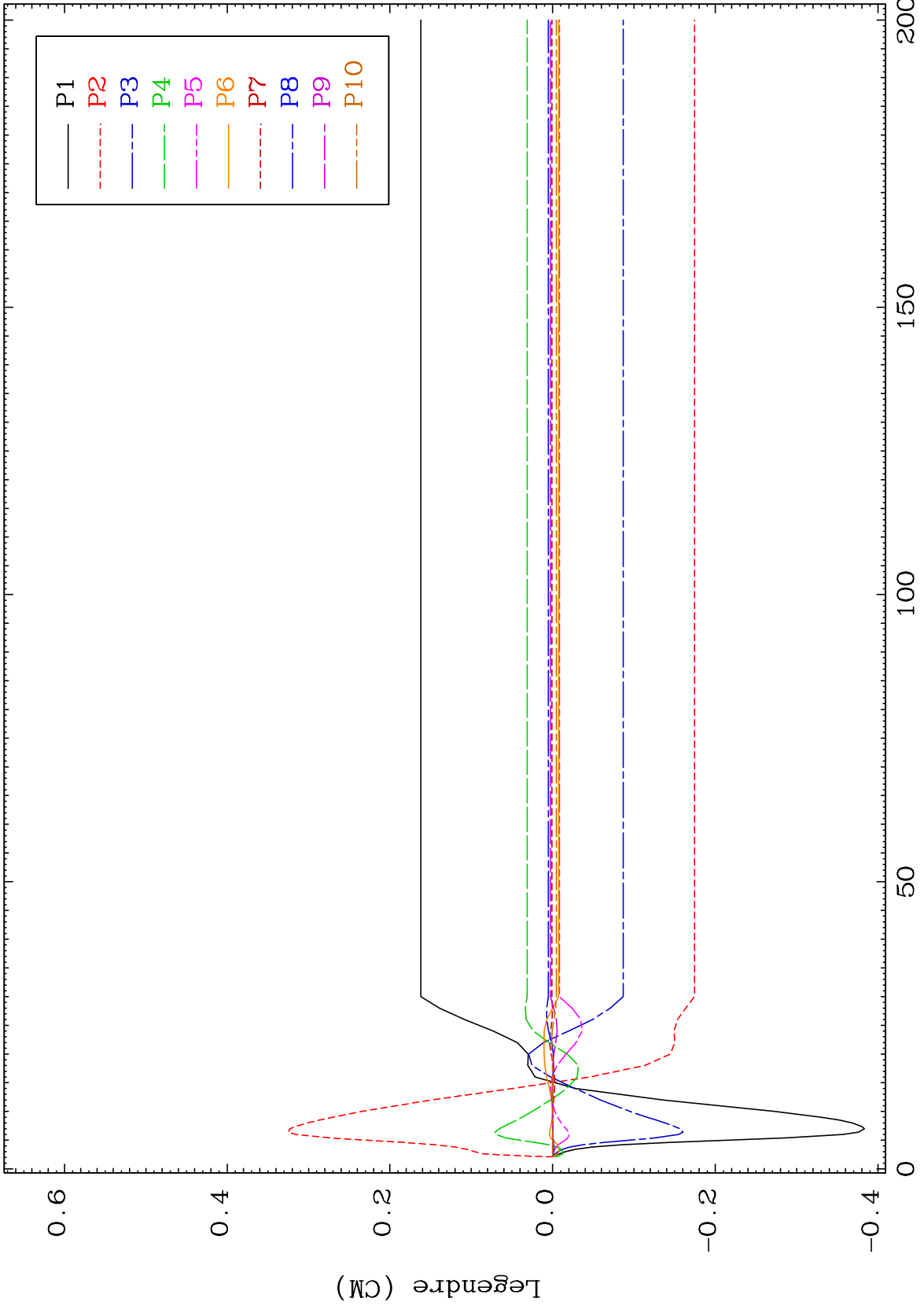


88-Ra-210

MAT 8786

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

88-Ra-210



26

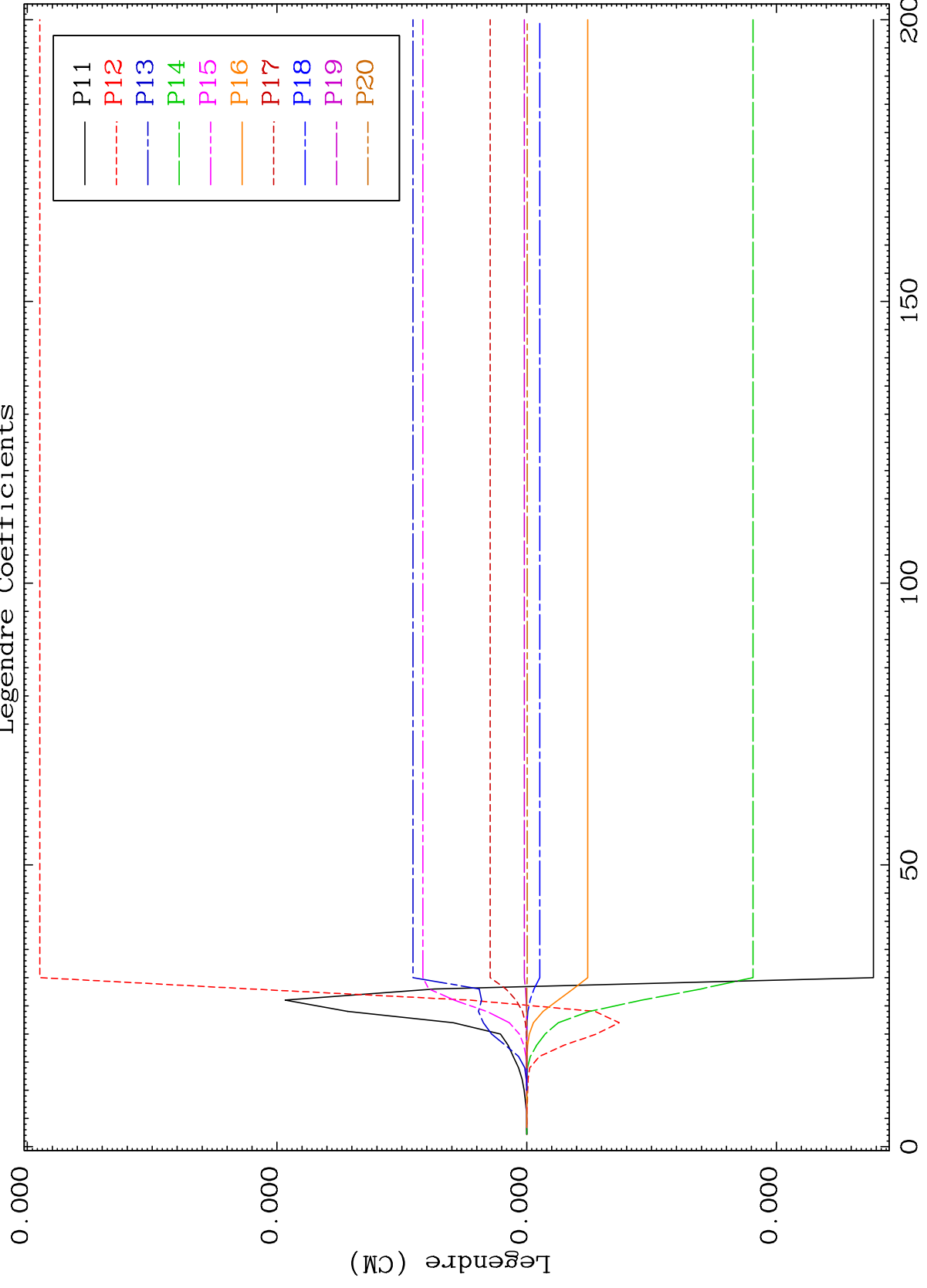
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88-Ra-210

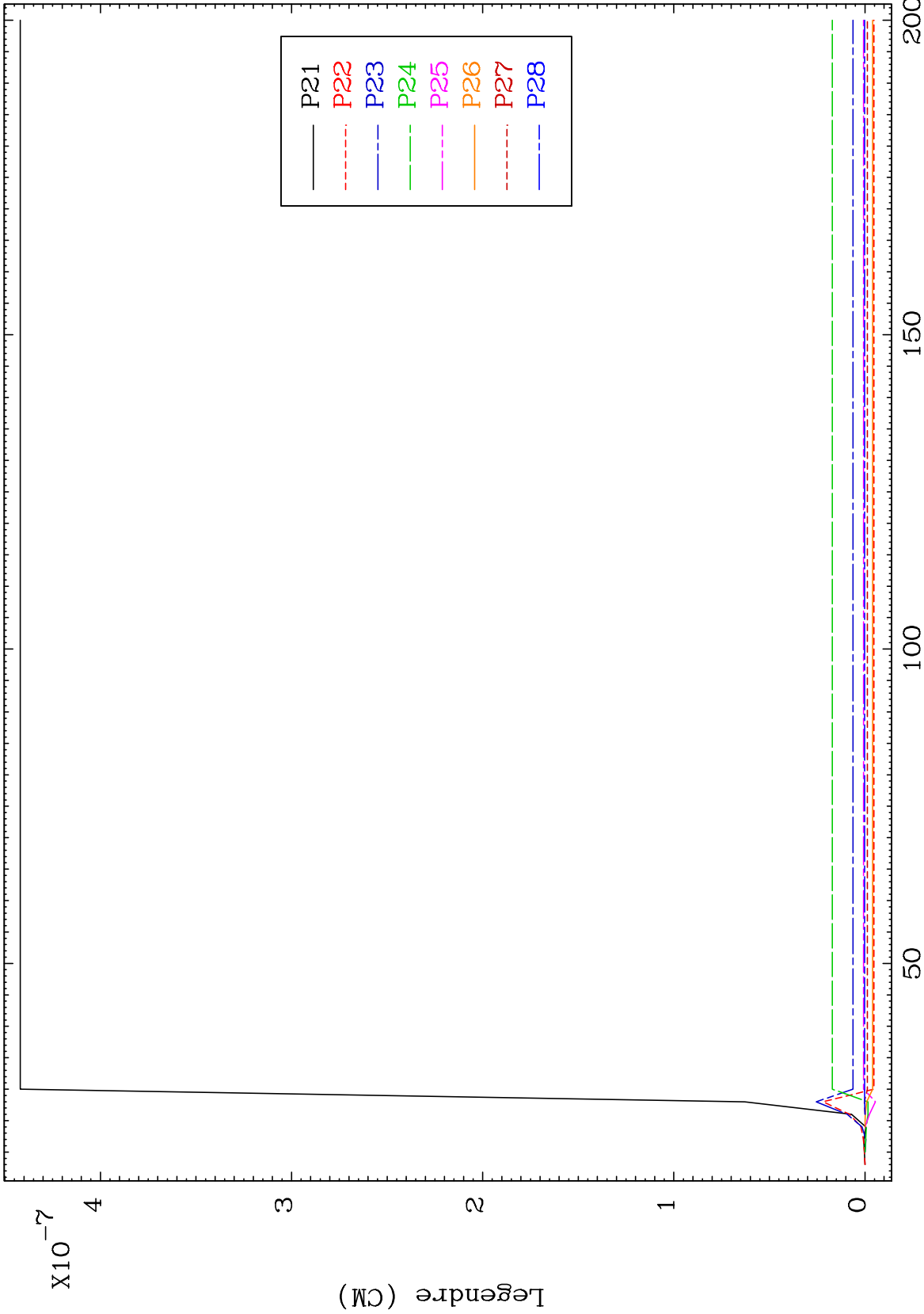
Incident Energy (MeV)

27

MAT 8786

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

88-Ra-210



28

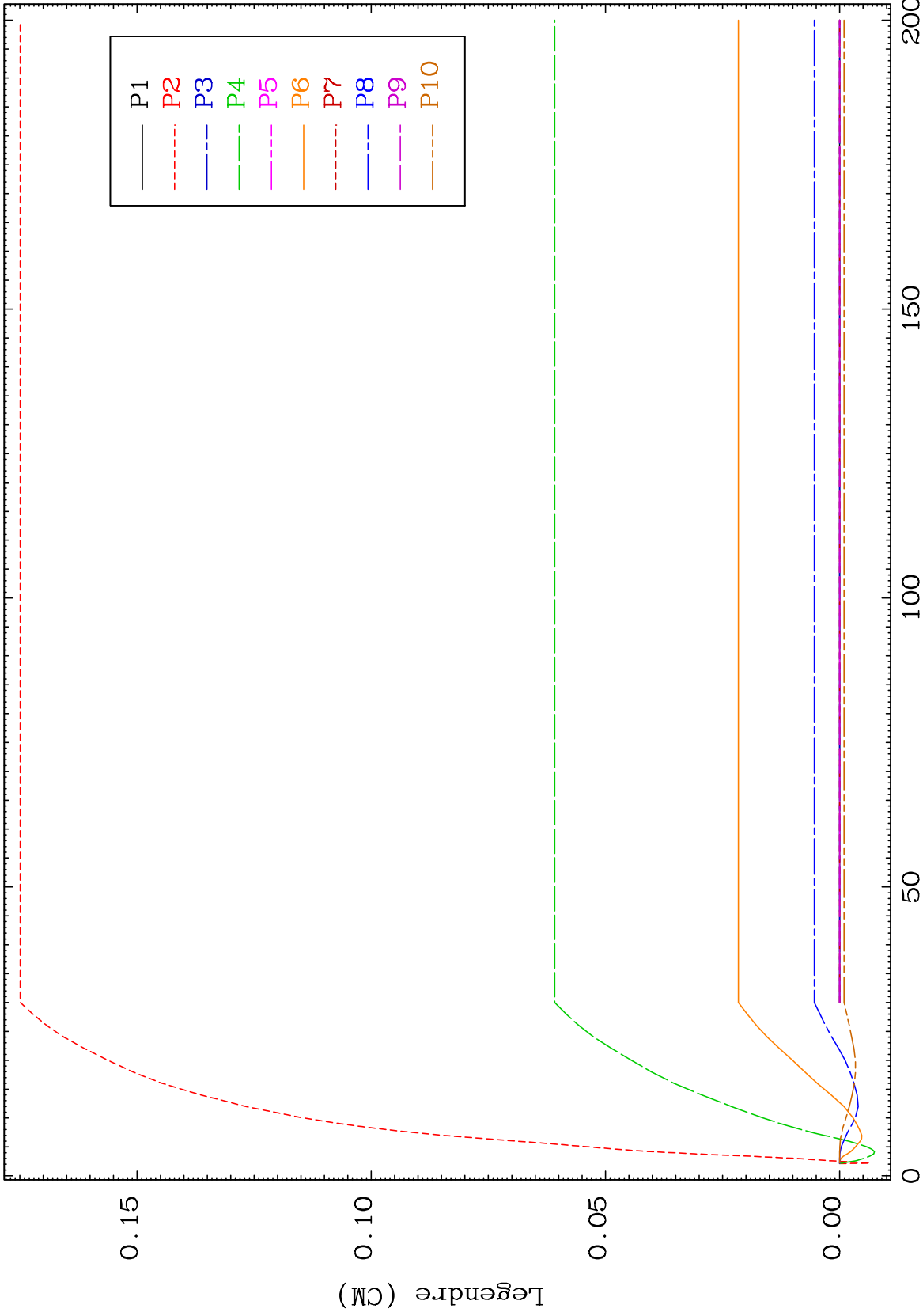
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



29

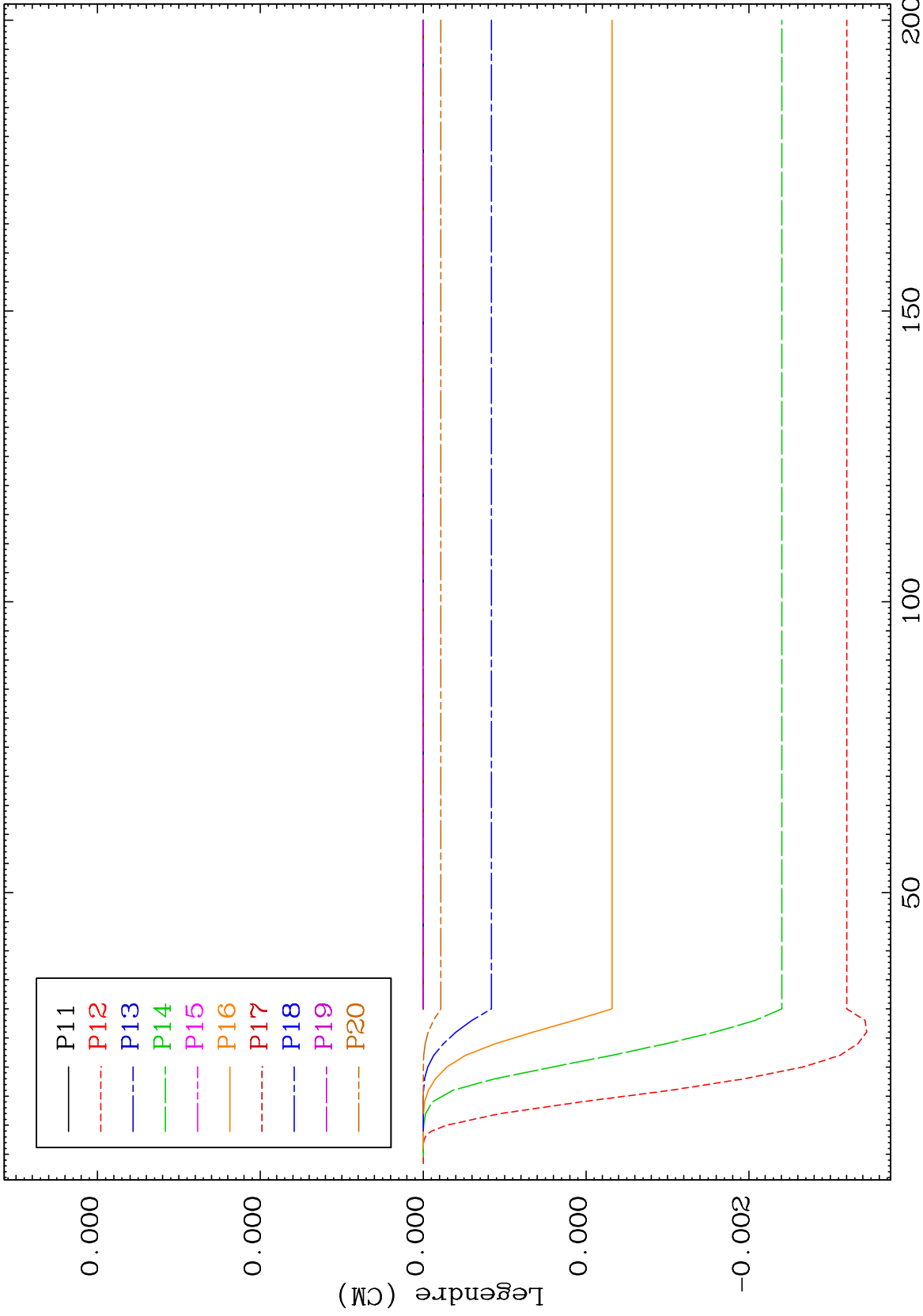
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



30

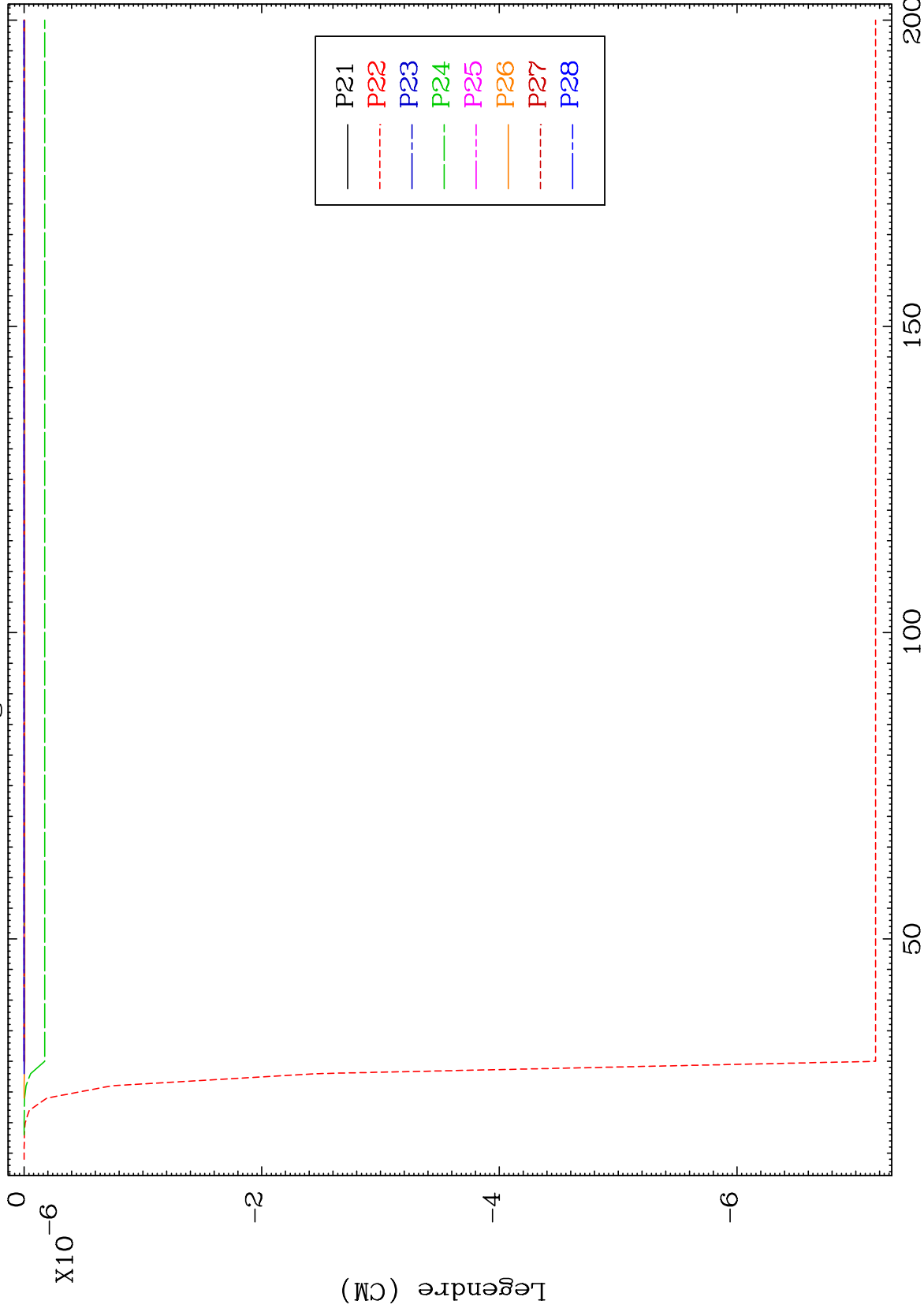
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



31

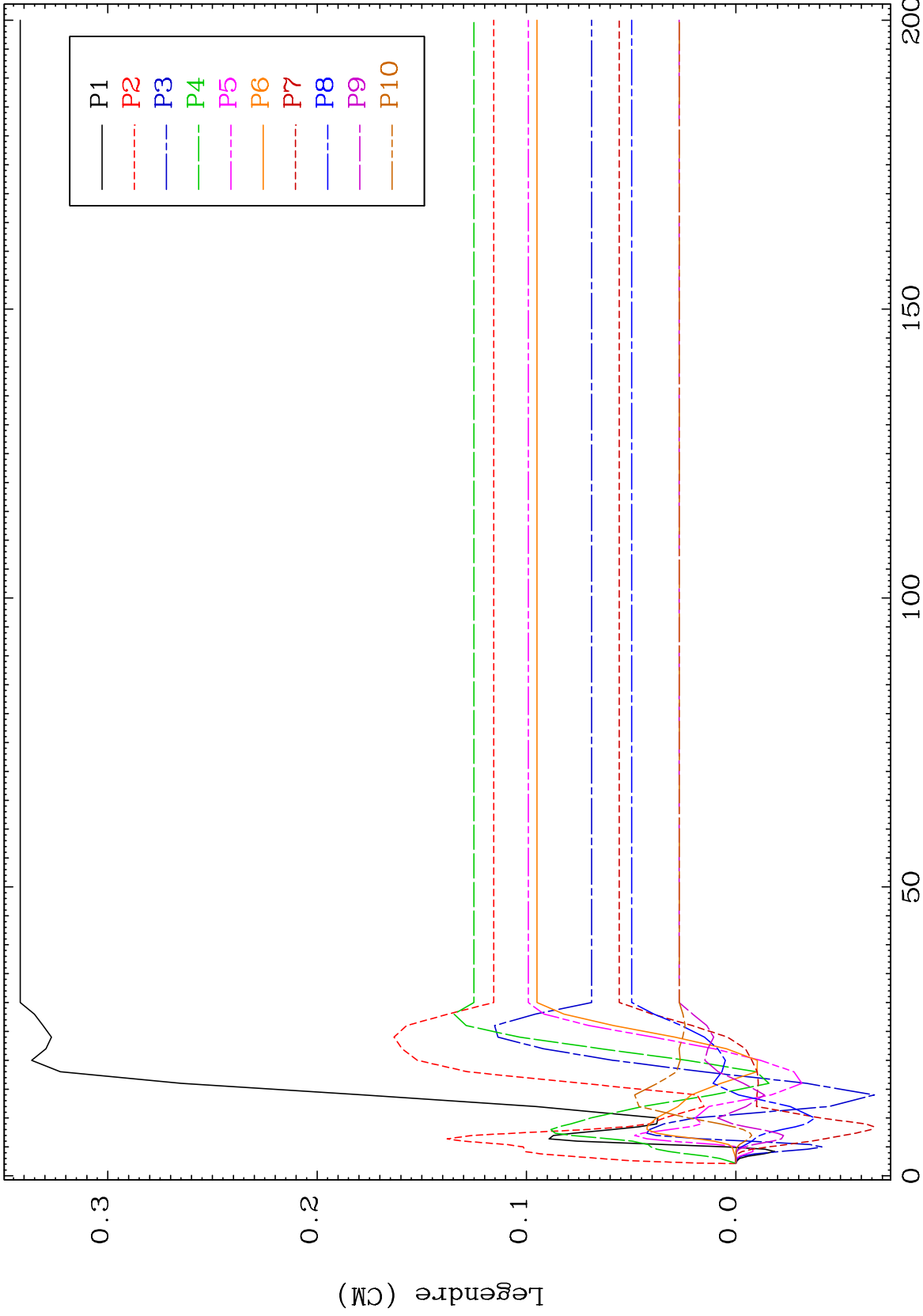
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



32

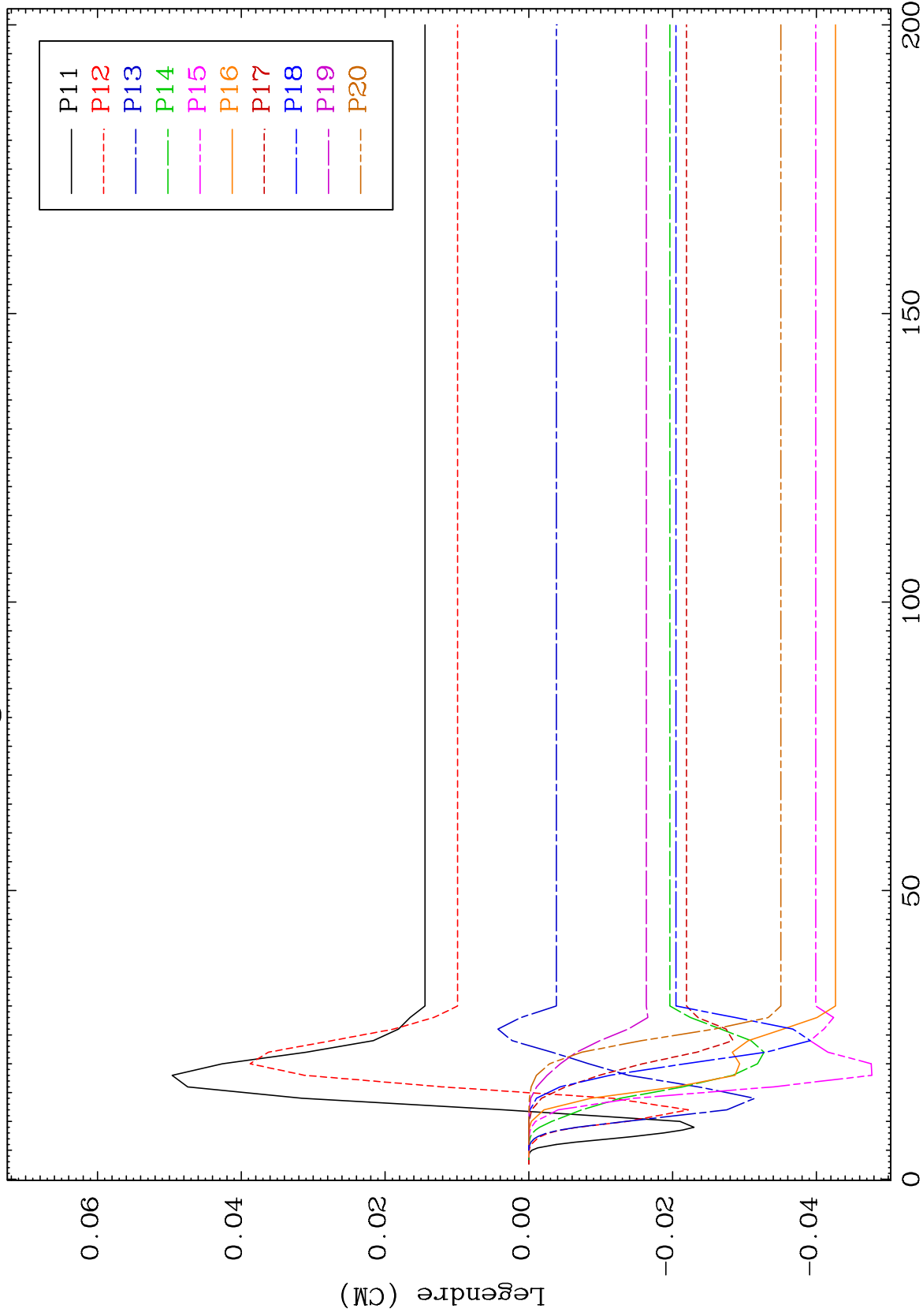
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



33

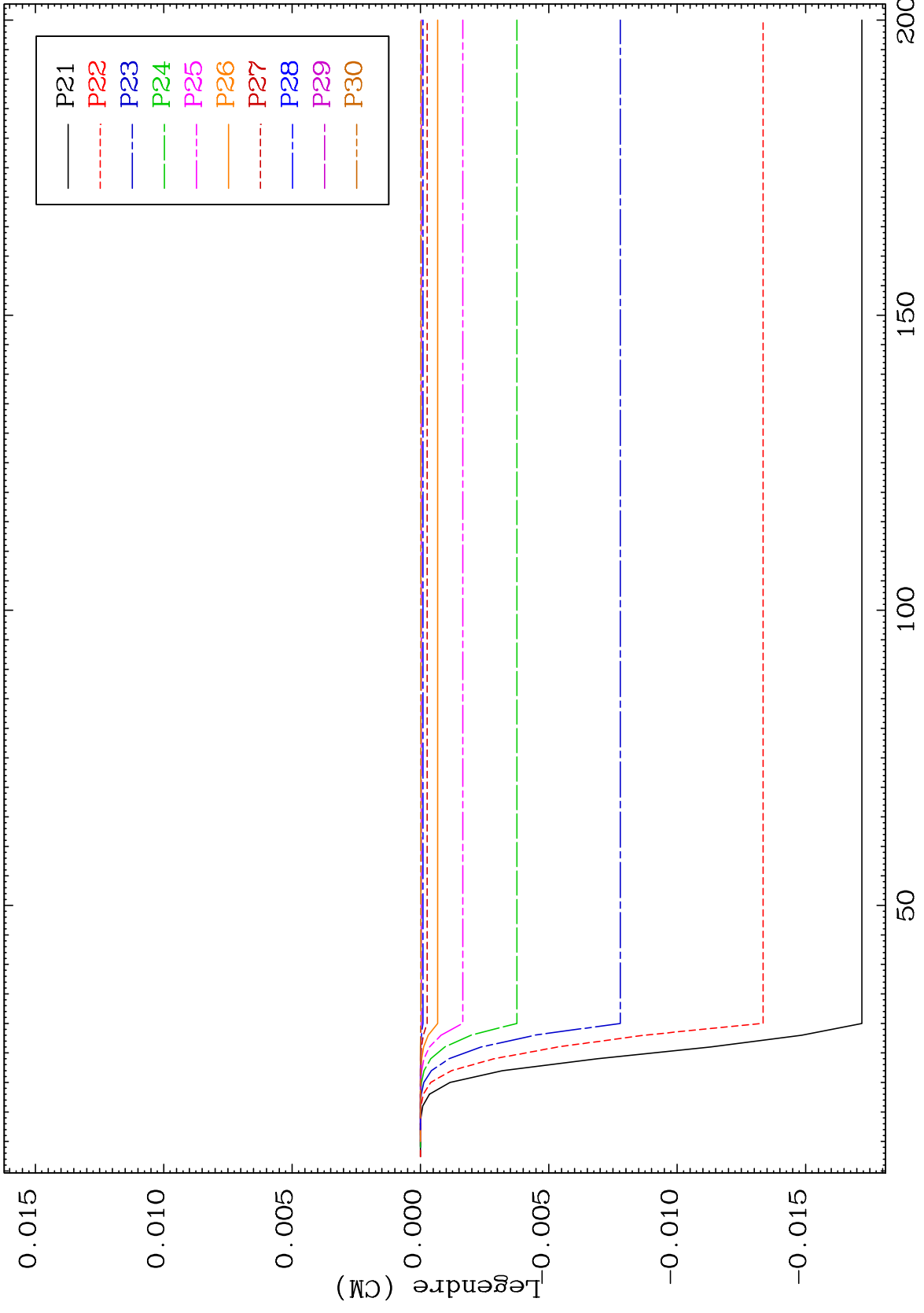
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



34

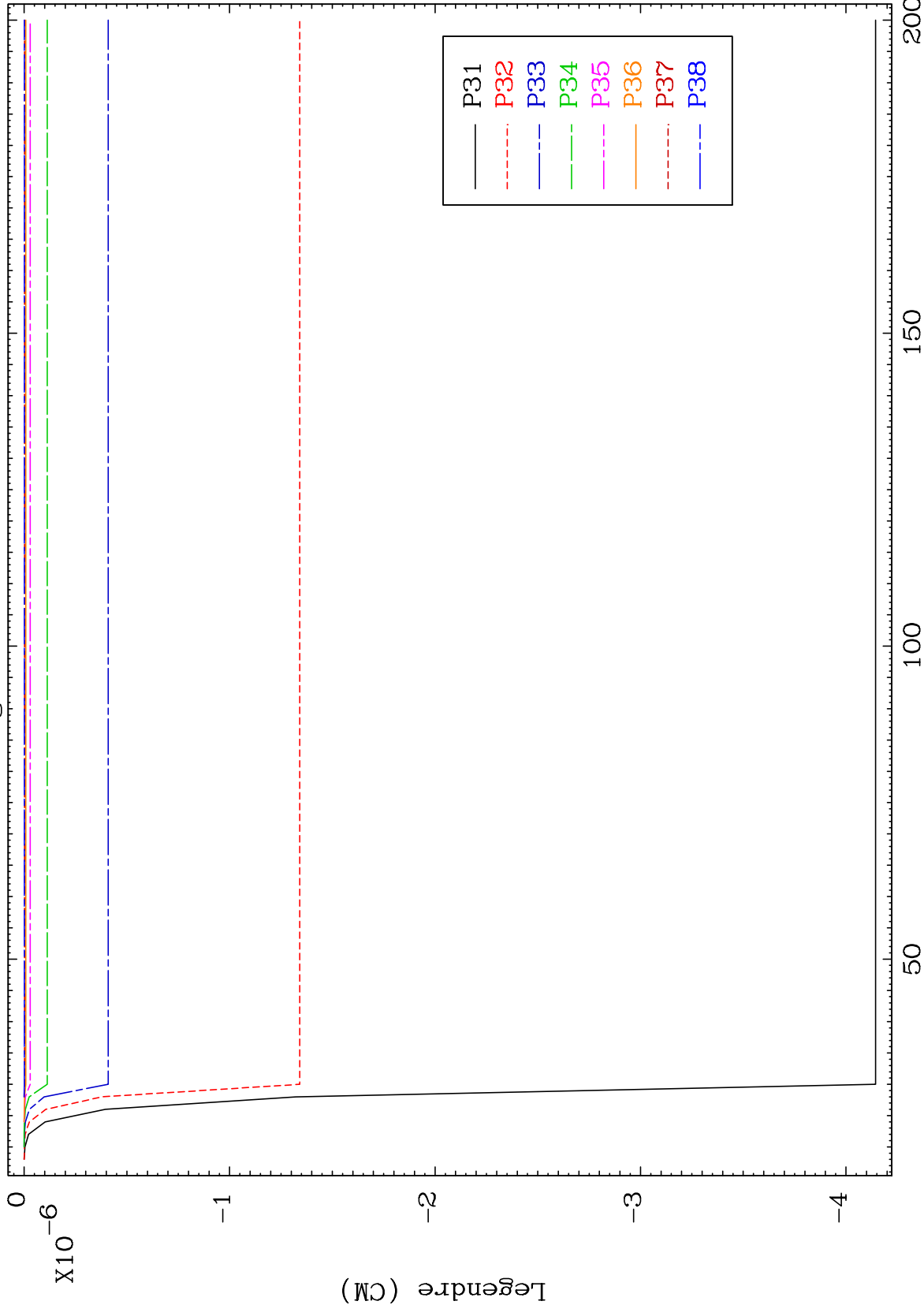
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88-Ra-210

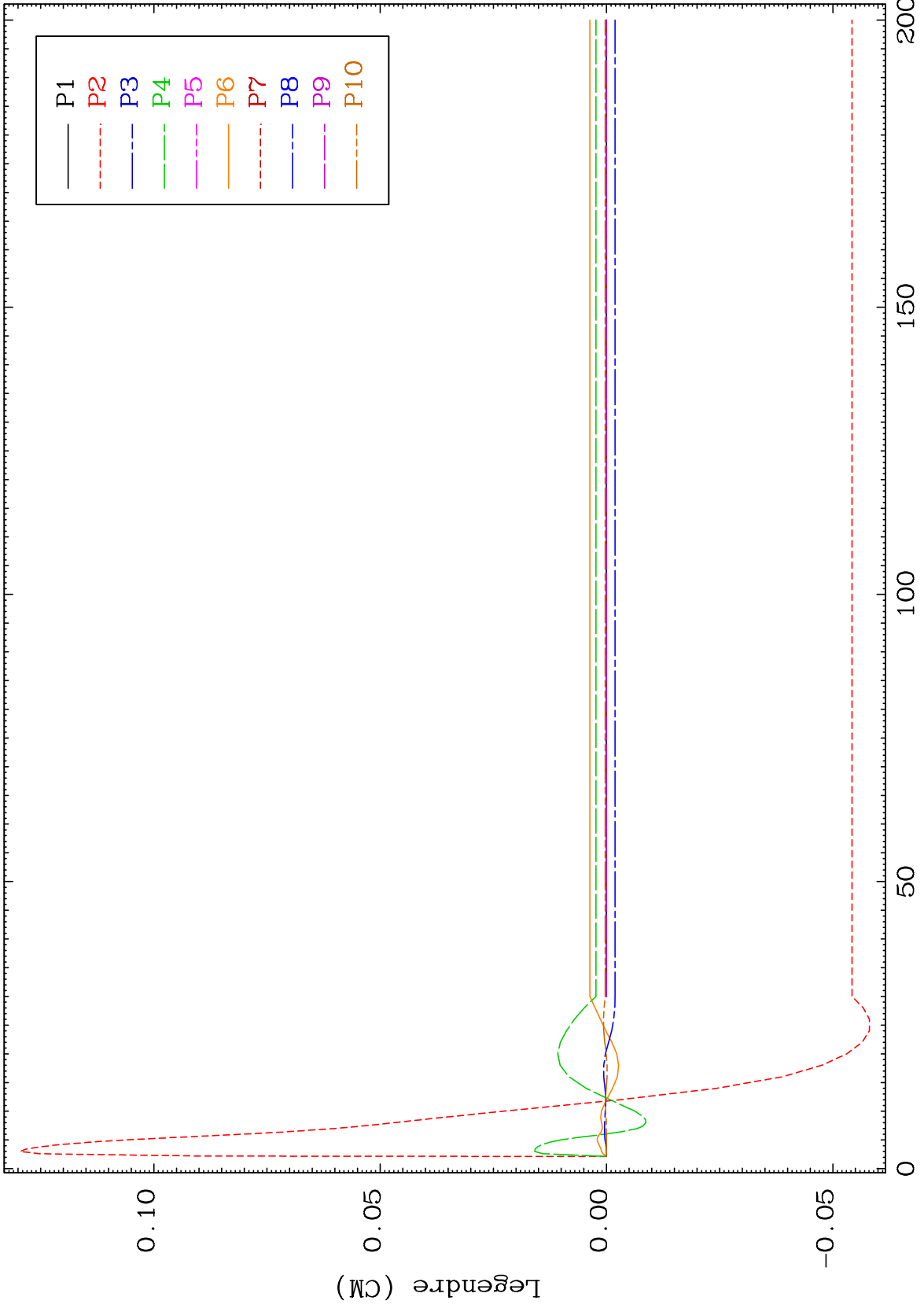
Incident Energy (MeV)

35

MAT 8786

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

88-Ra-210



36

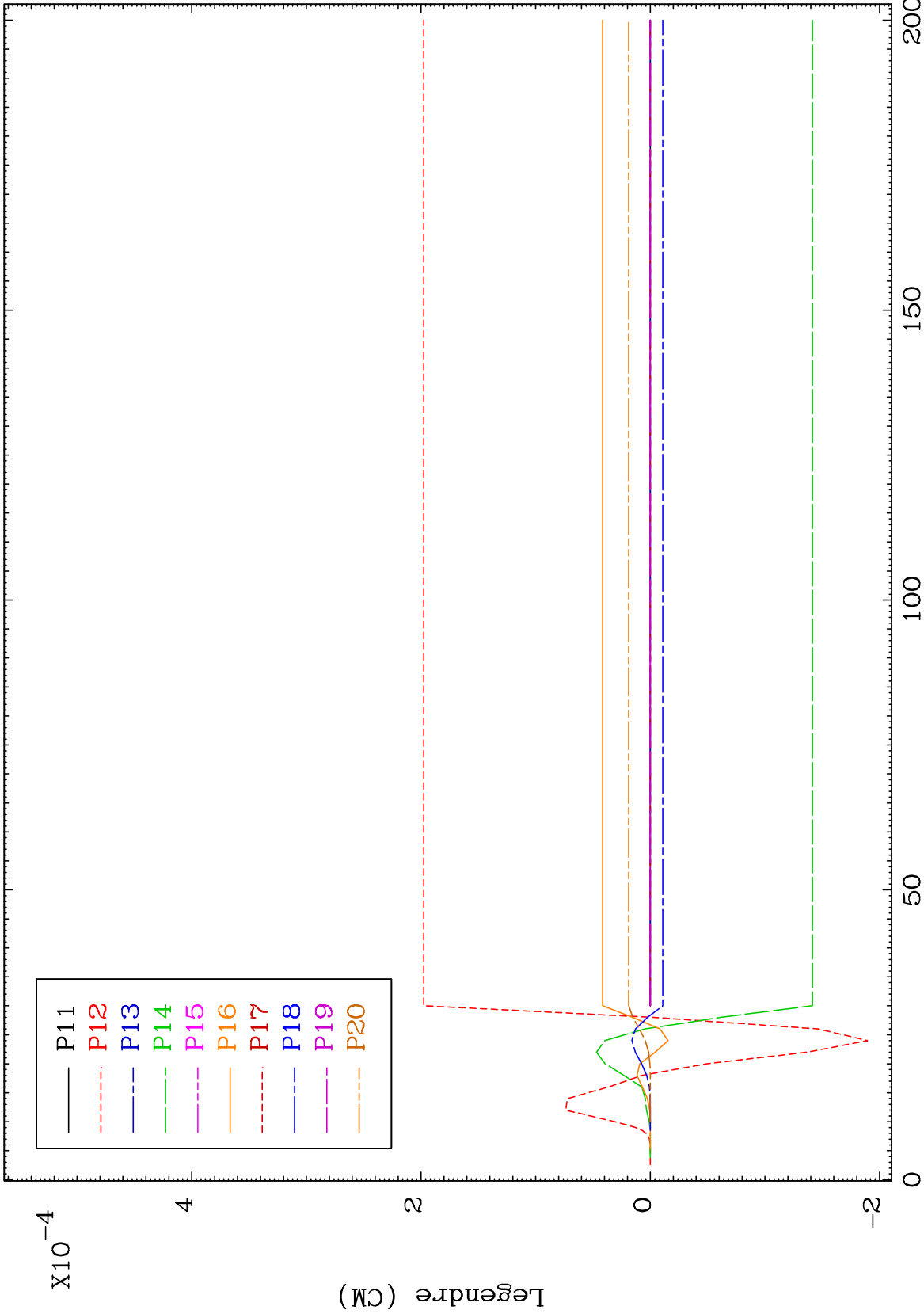
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210

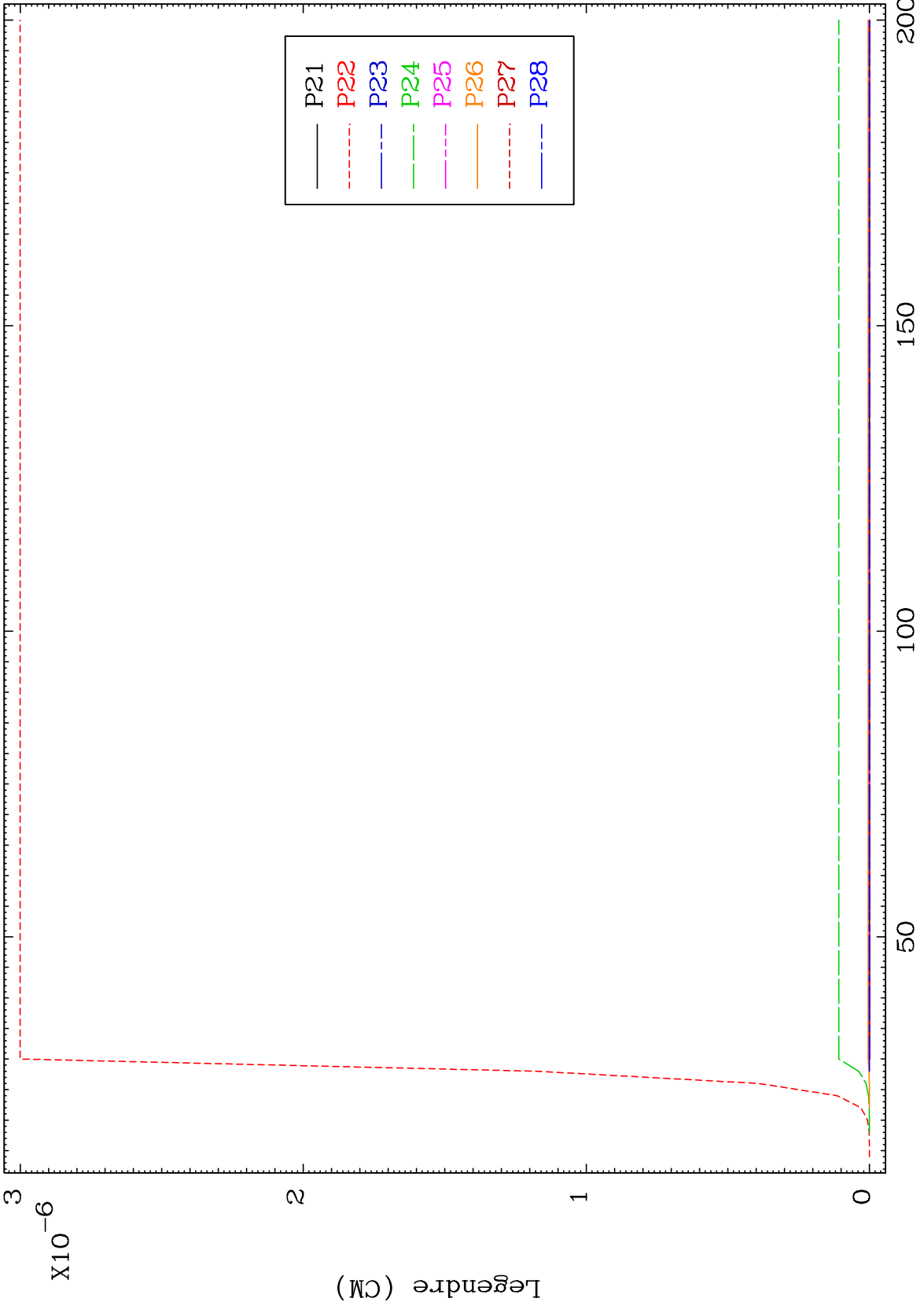


37

Incident Energy (MeV)

88-Ra-210

MAT 8786 MT= 56 (n,n') Level Legendre Coefficients 88-Ra-210

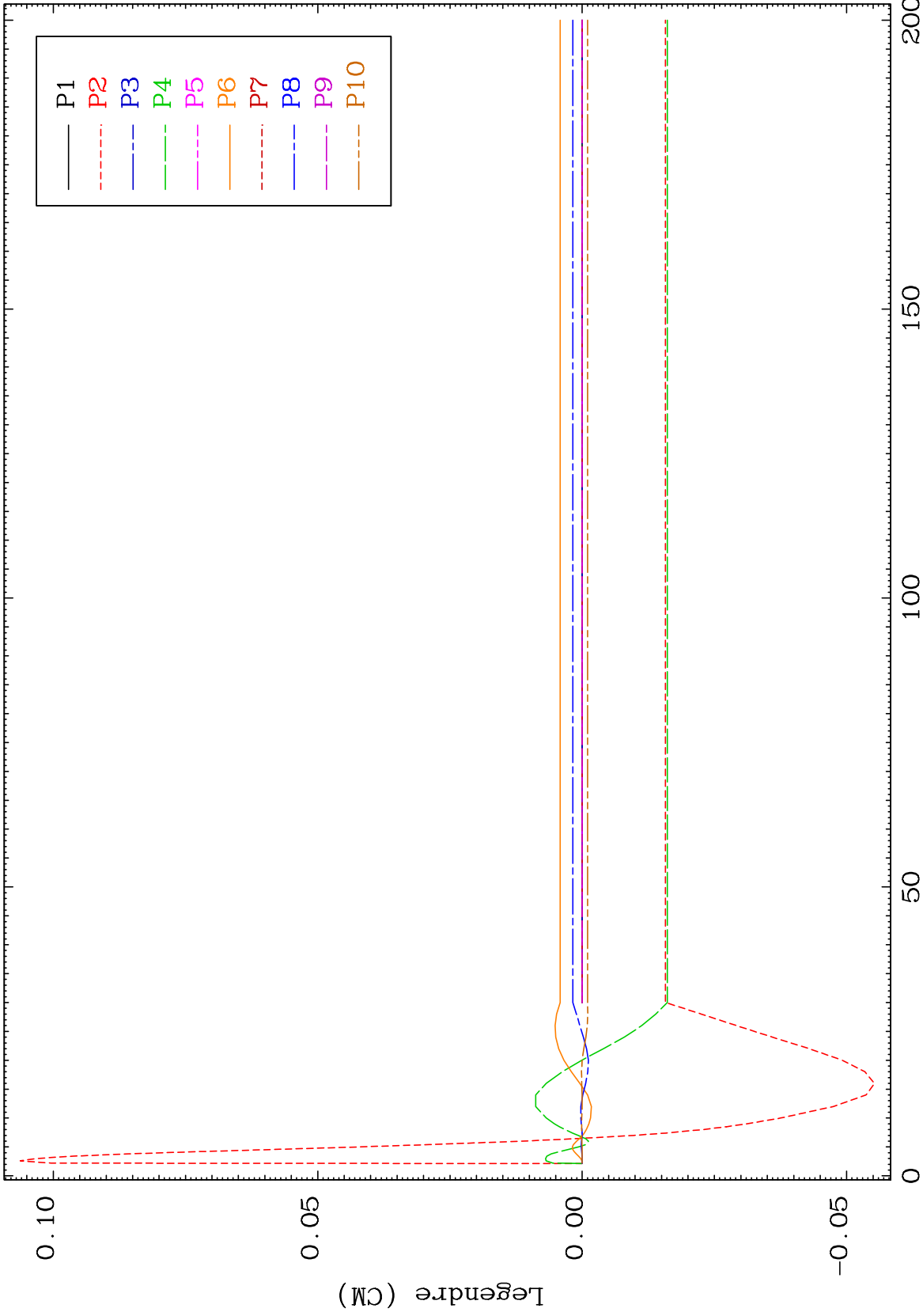


38 88-Ra-210

MAT 8786

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

88-Ra-210



39

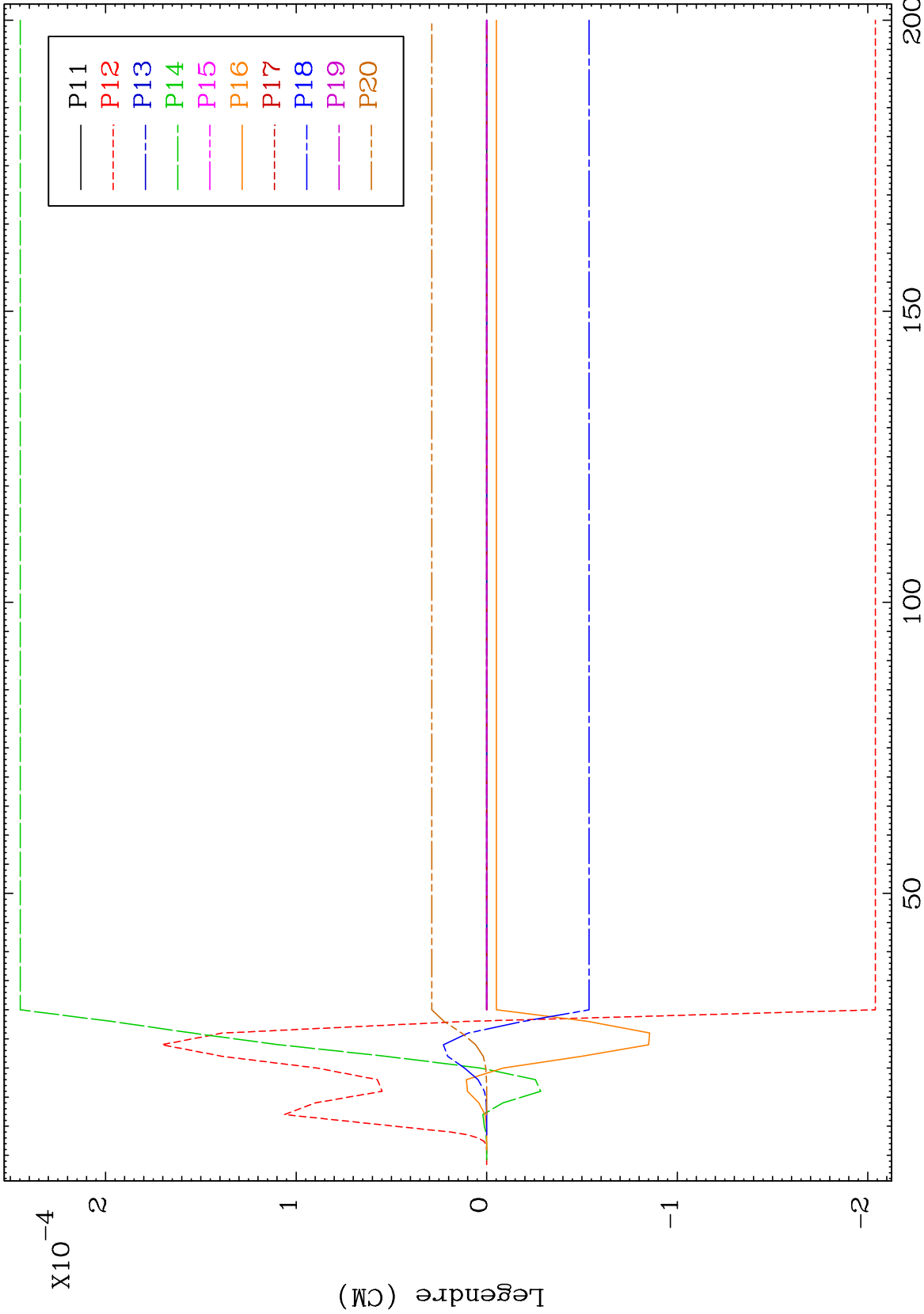
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



40

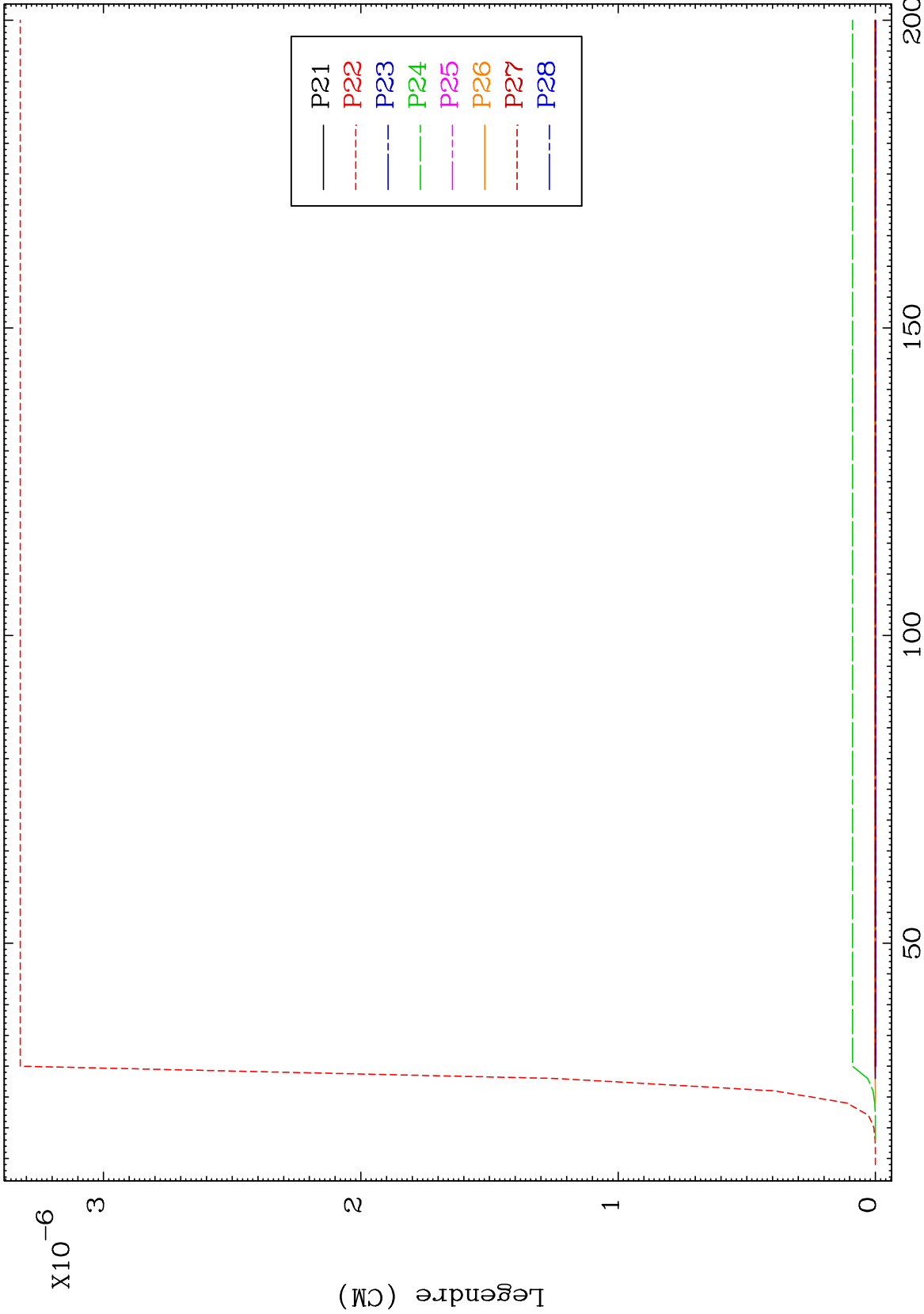
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



41

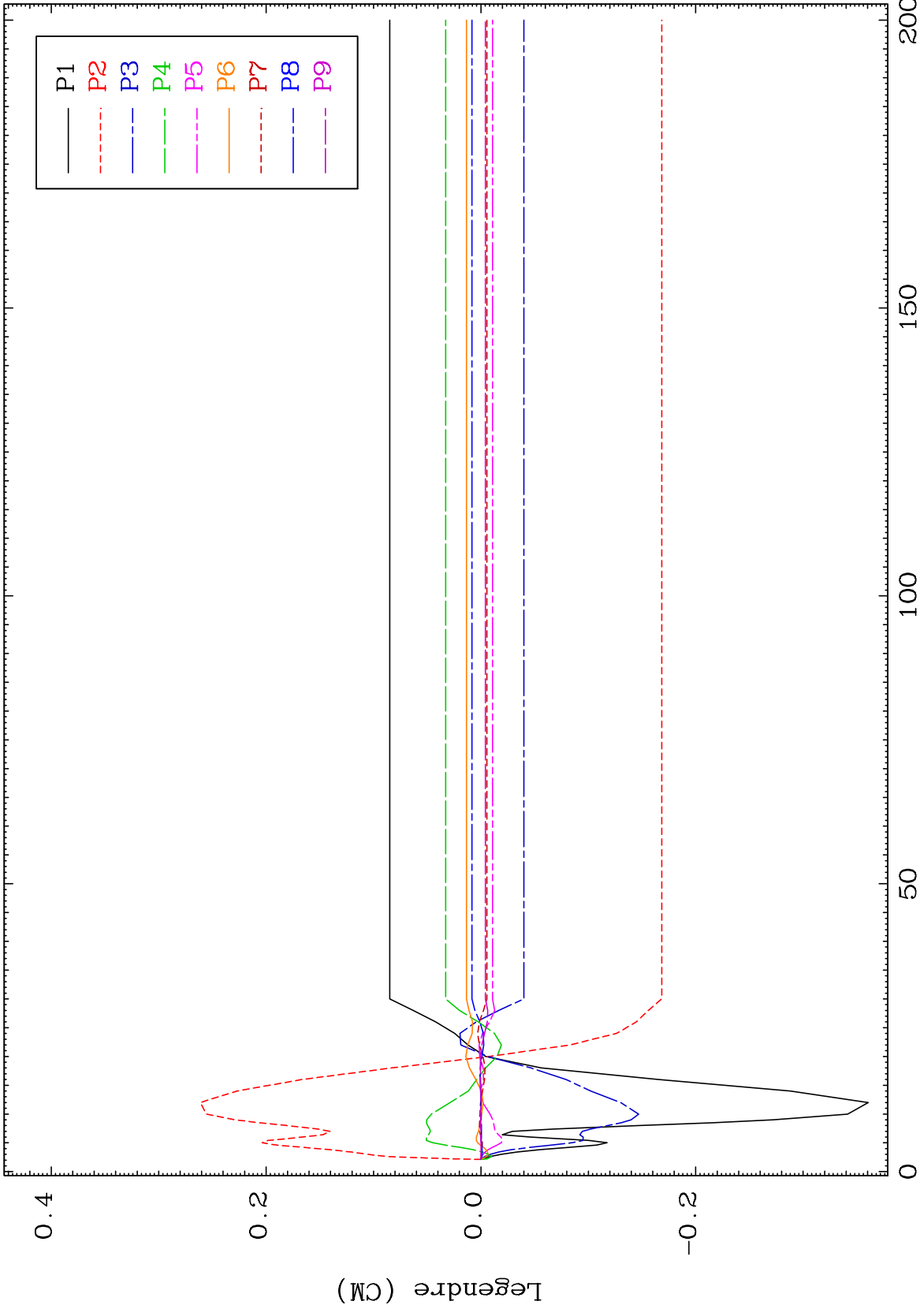
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



42

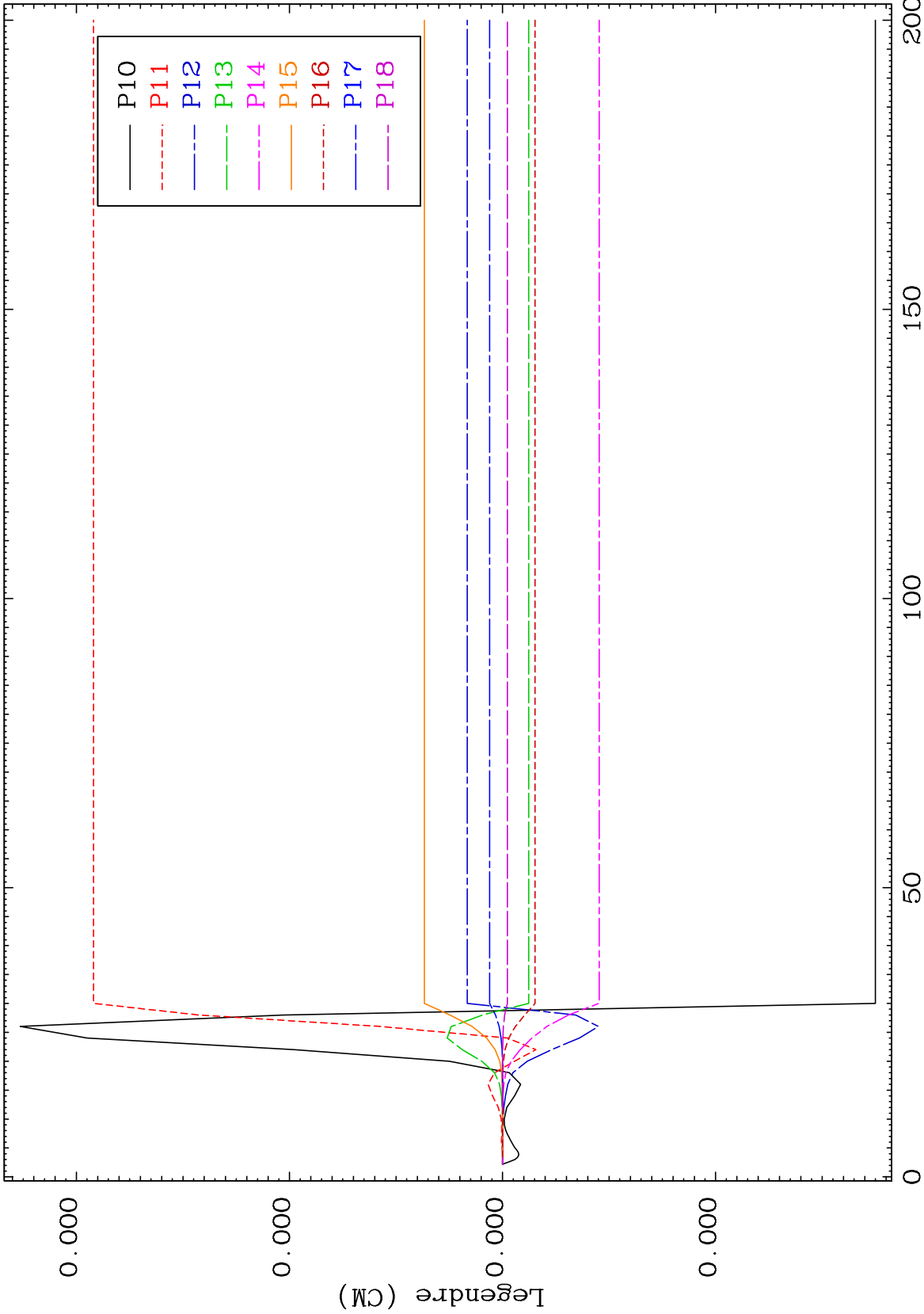
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



43

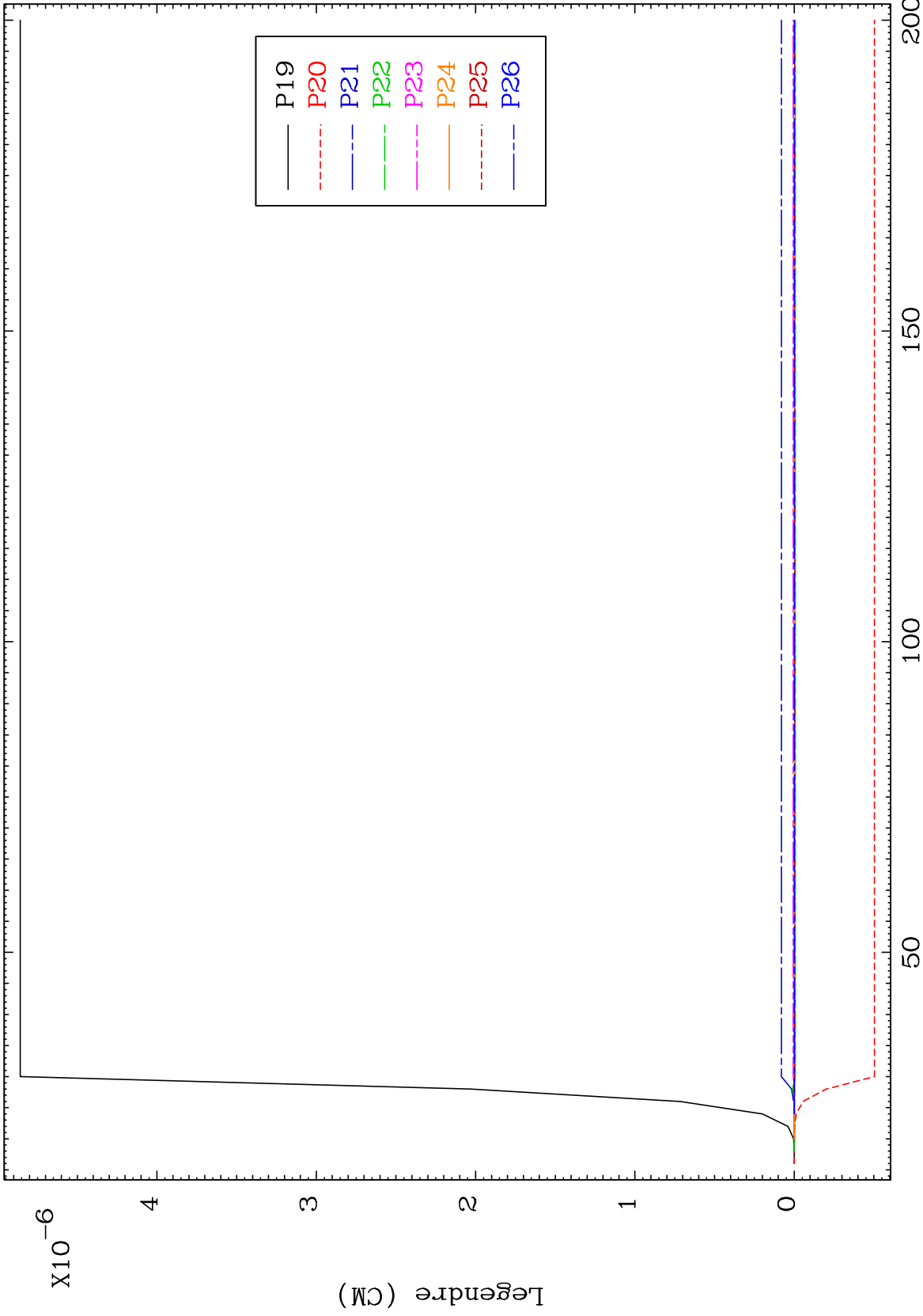
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



44

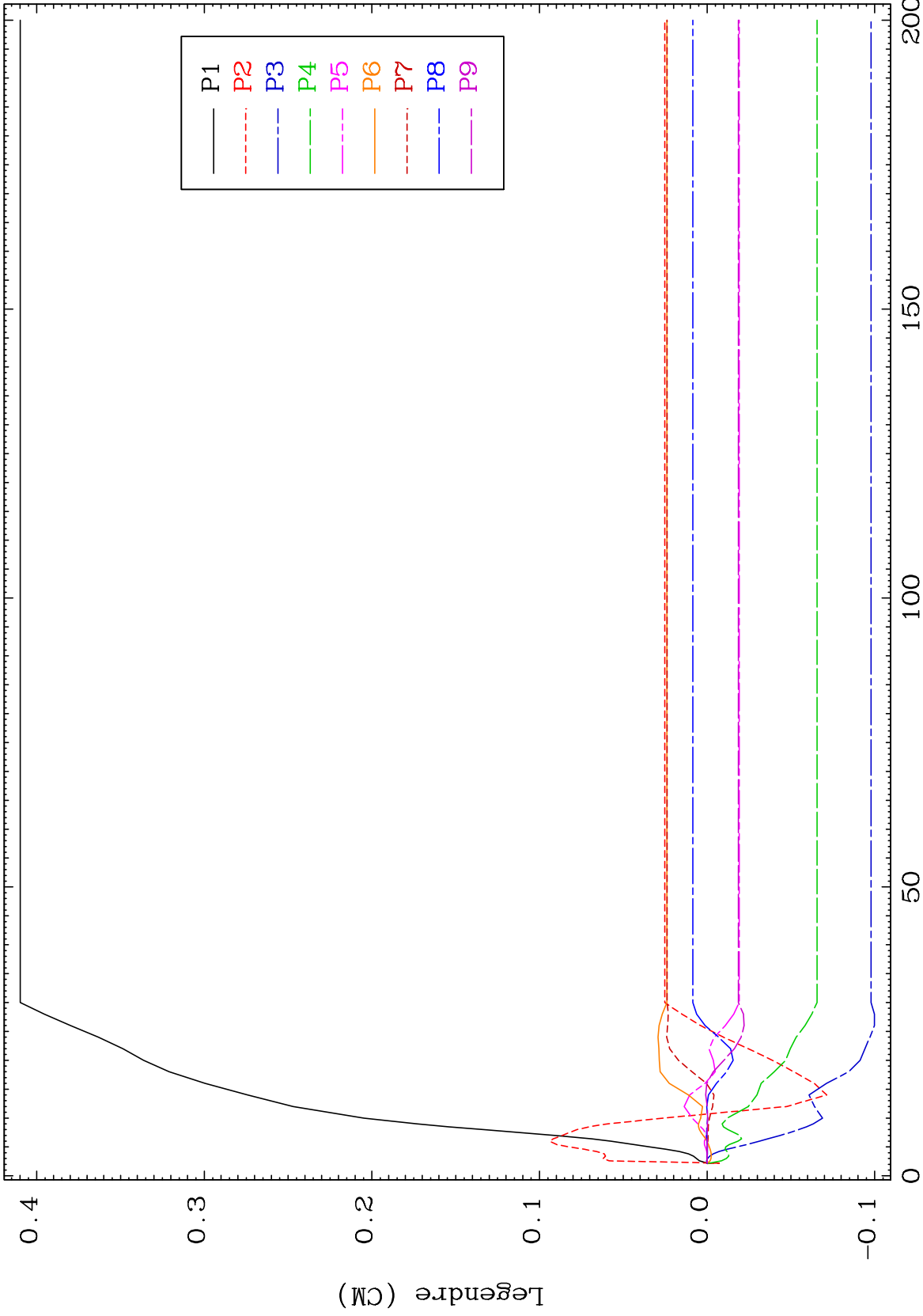
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



45

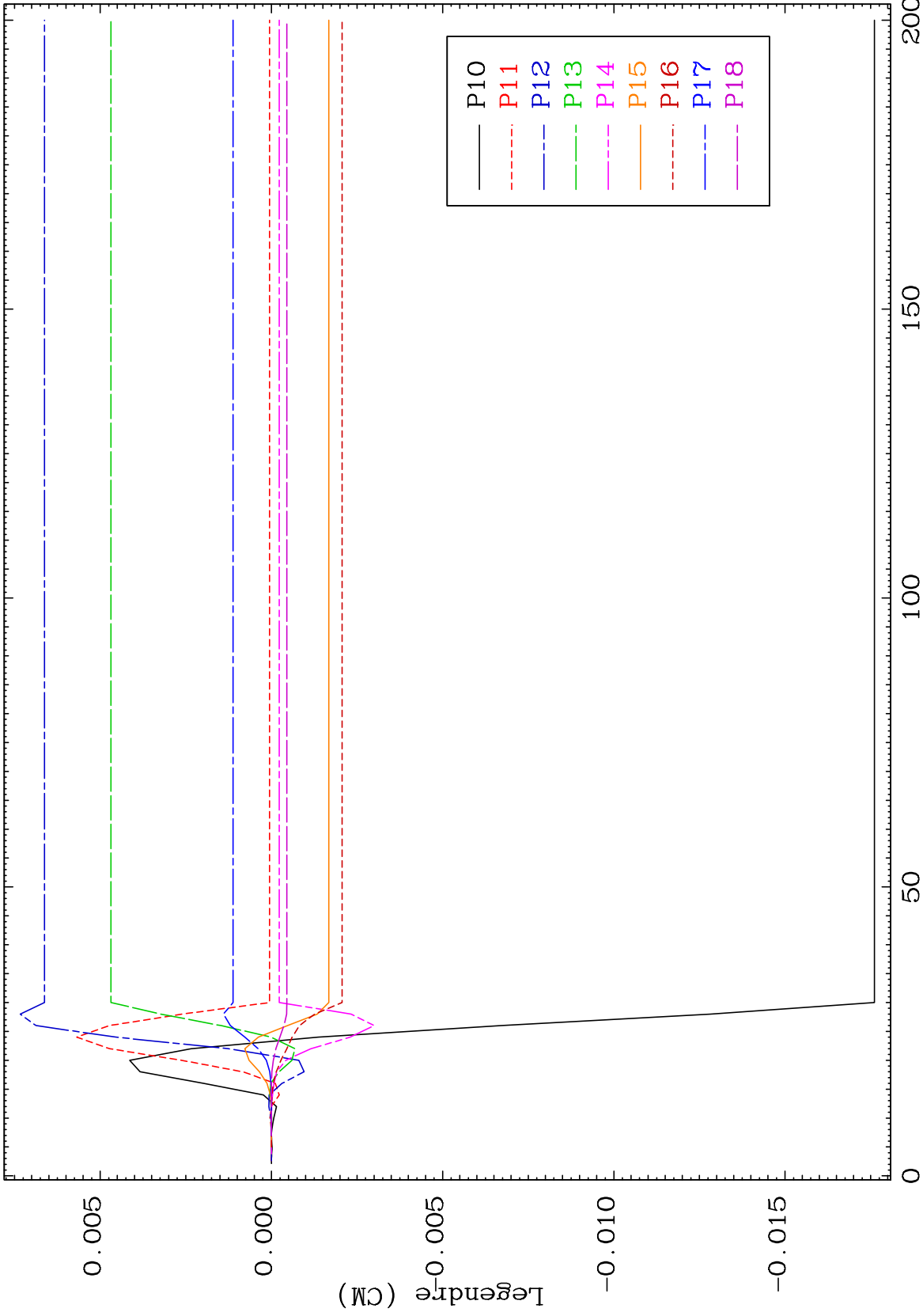
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



46

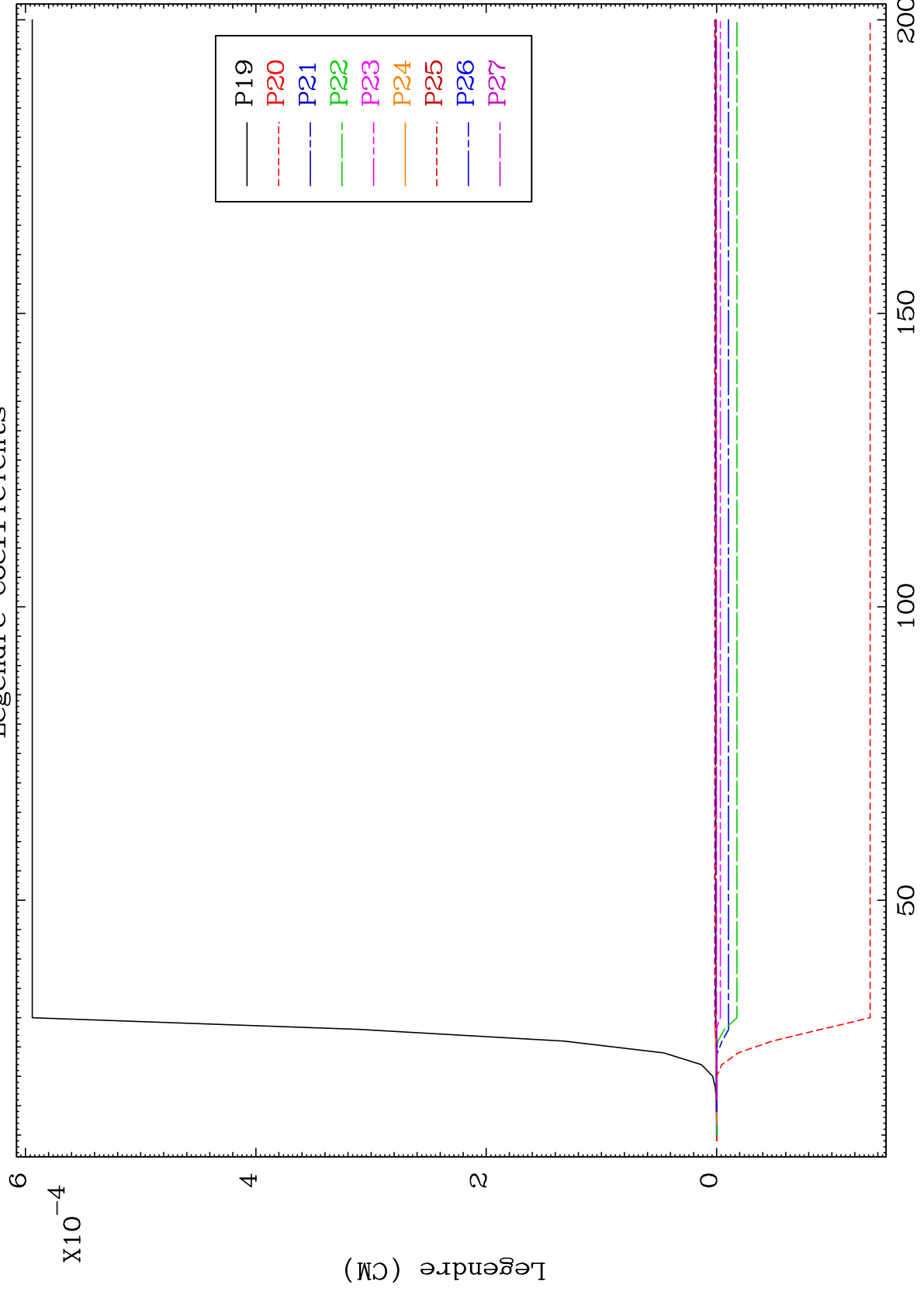
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



47

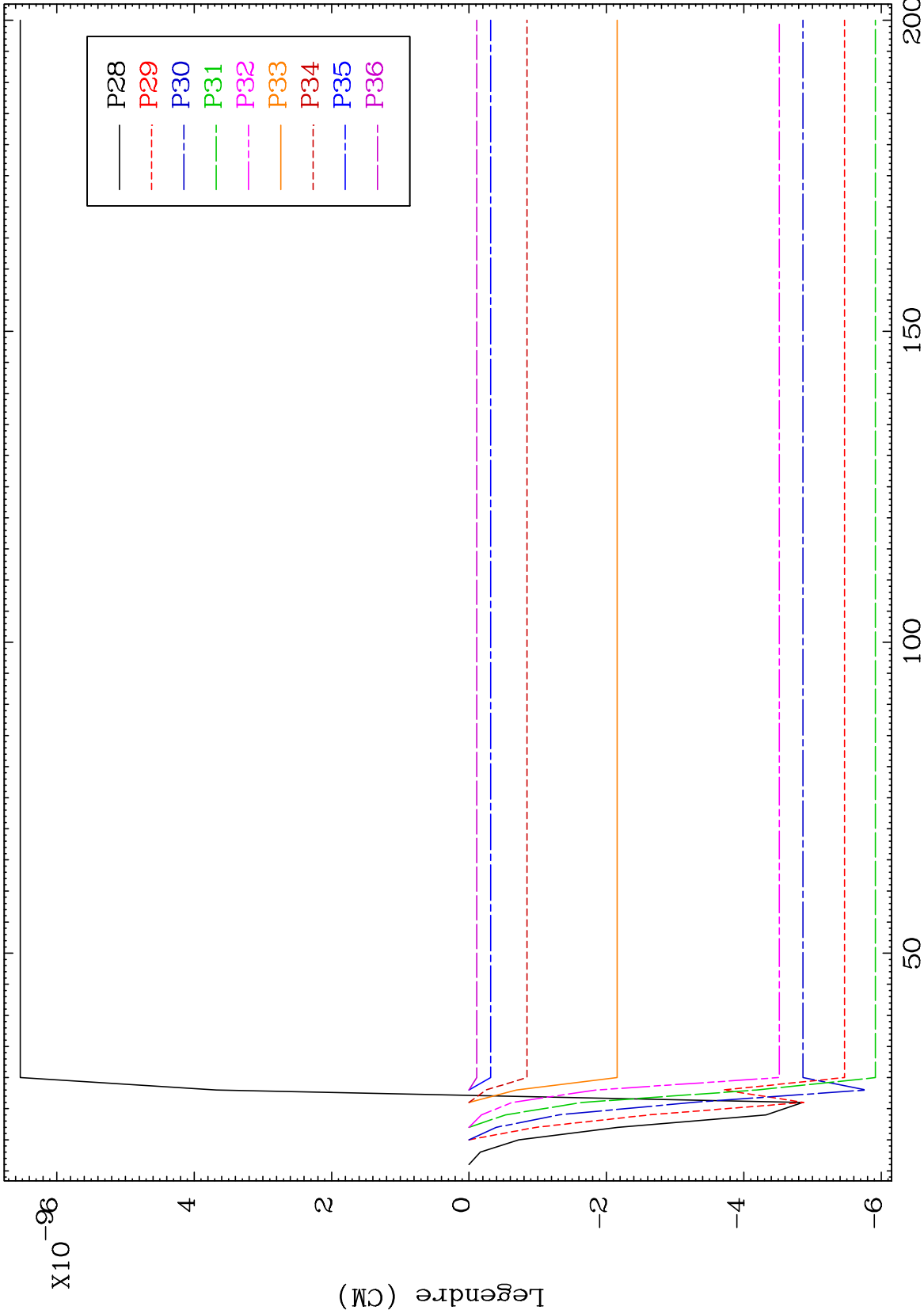
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



48

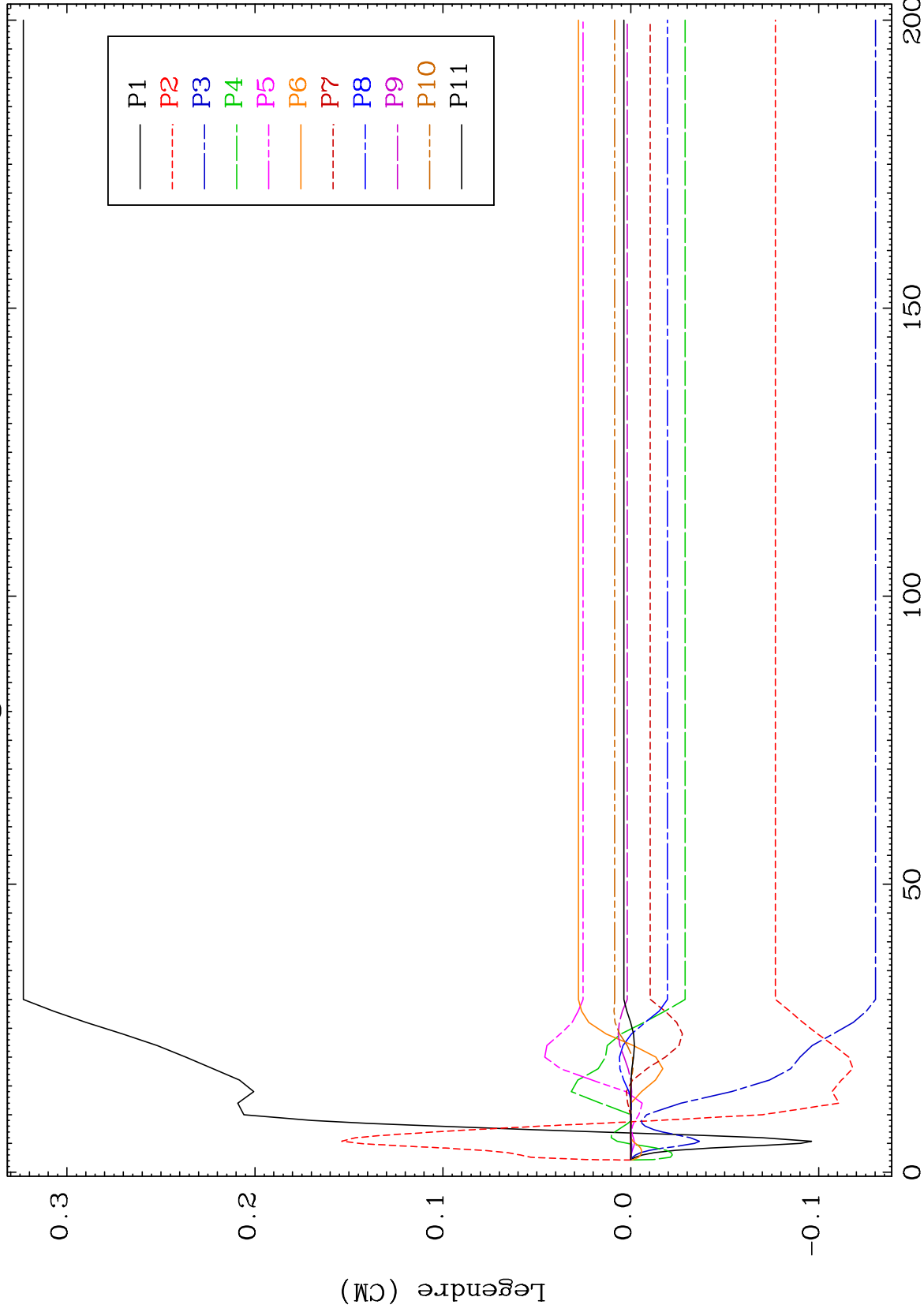
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



49

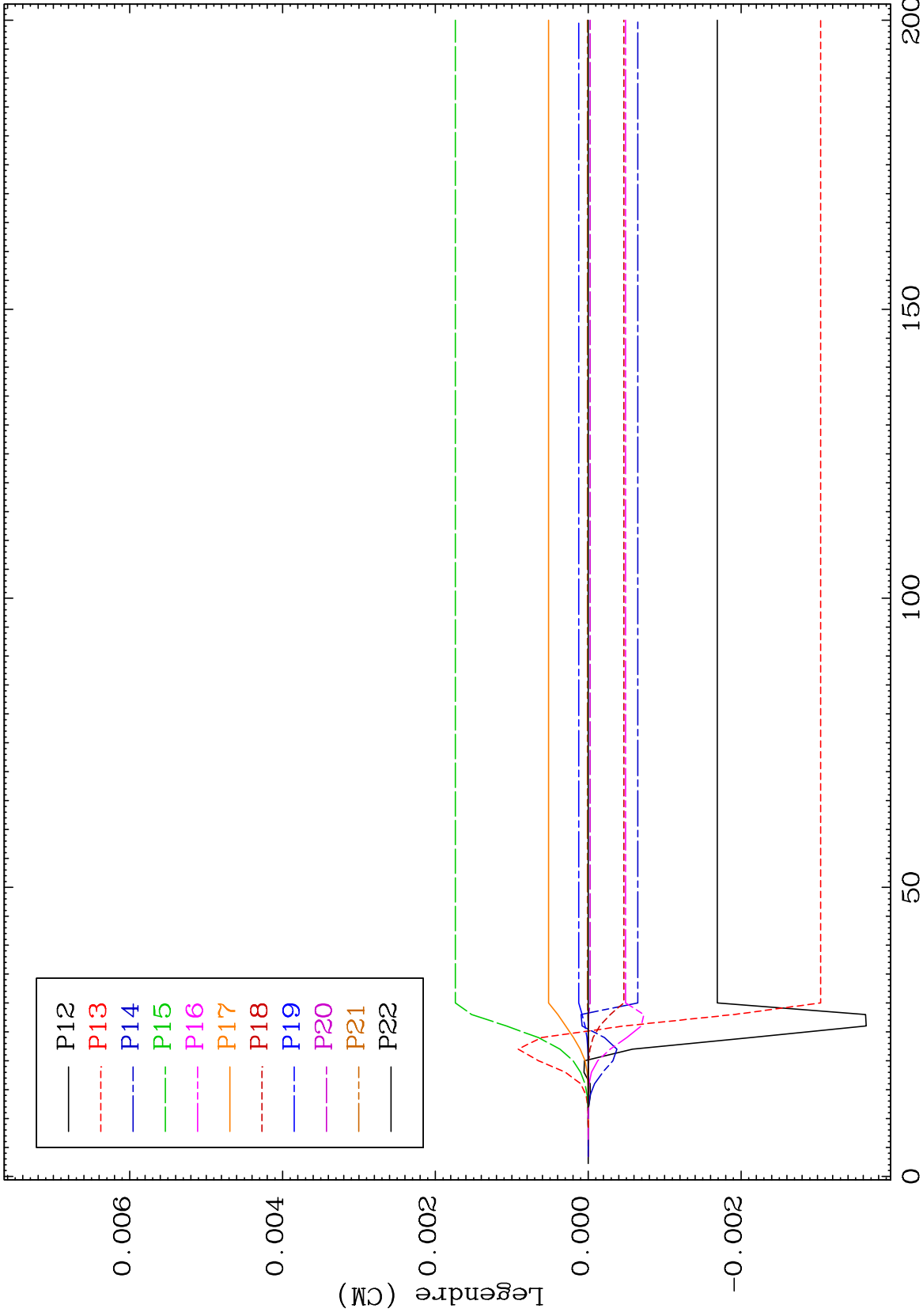
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



50

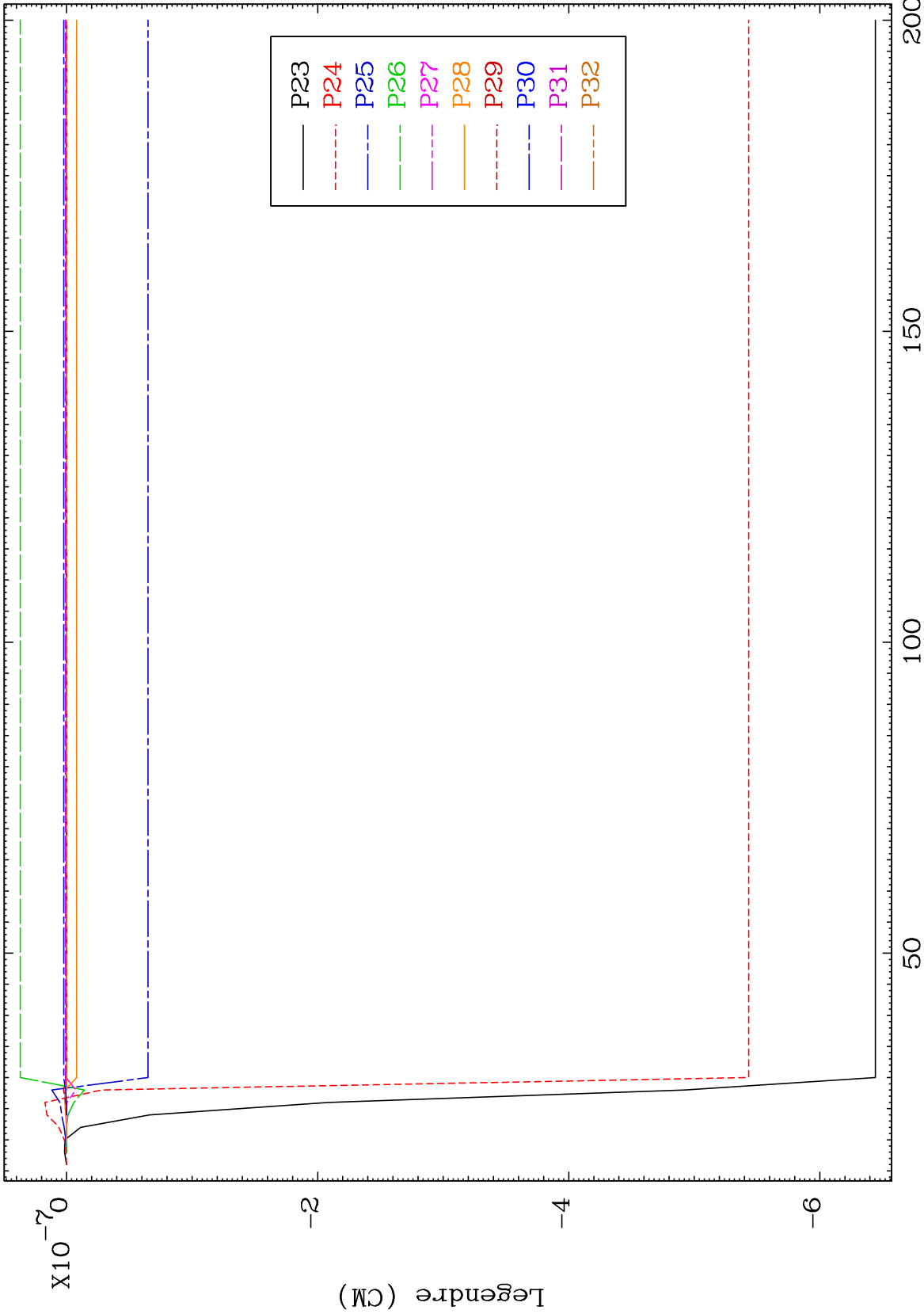
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210

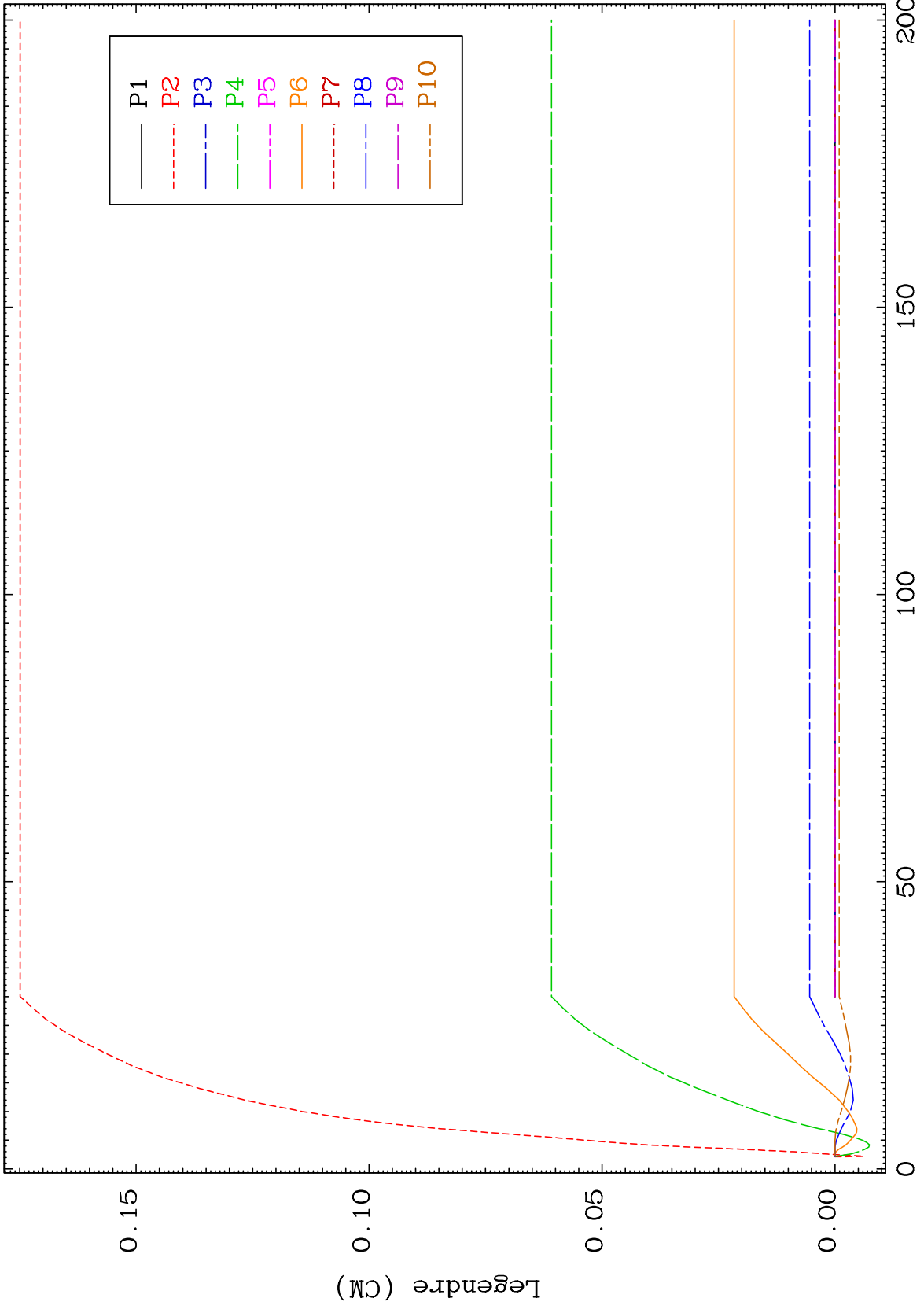


51

Incident Energy (MeV)

88-Ra-210

MAT 8786 MT= 61 (n,n') Level Legendre Coefficients 88-Ra-210

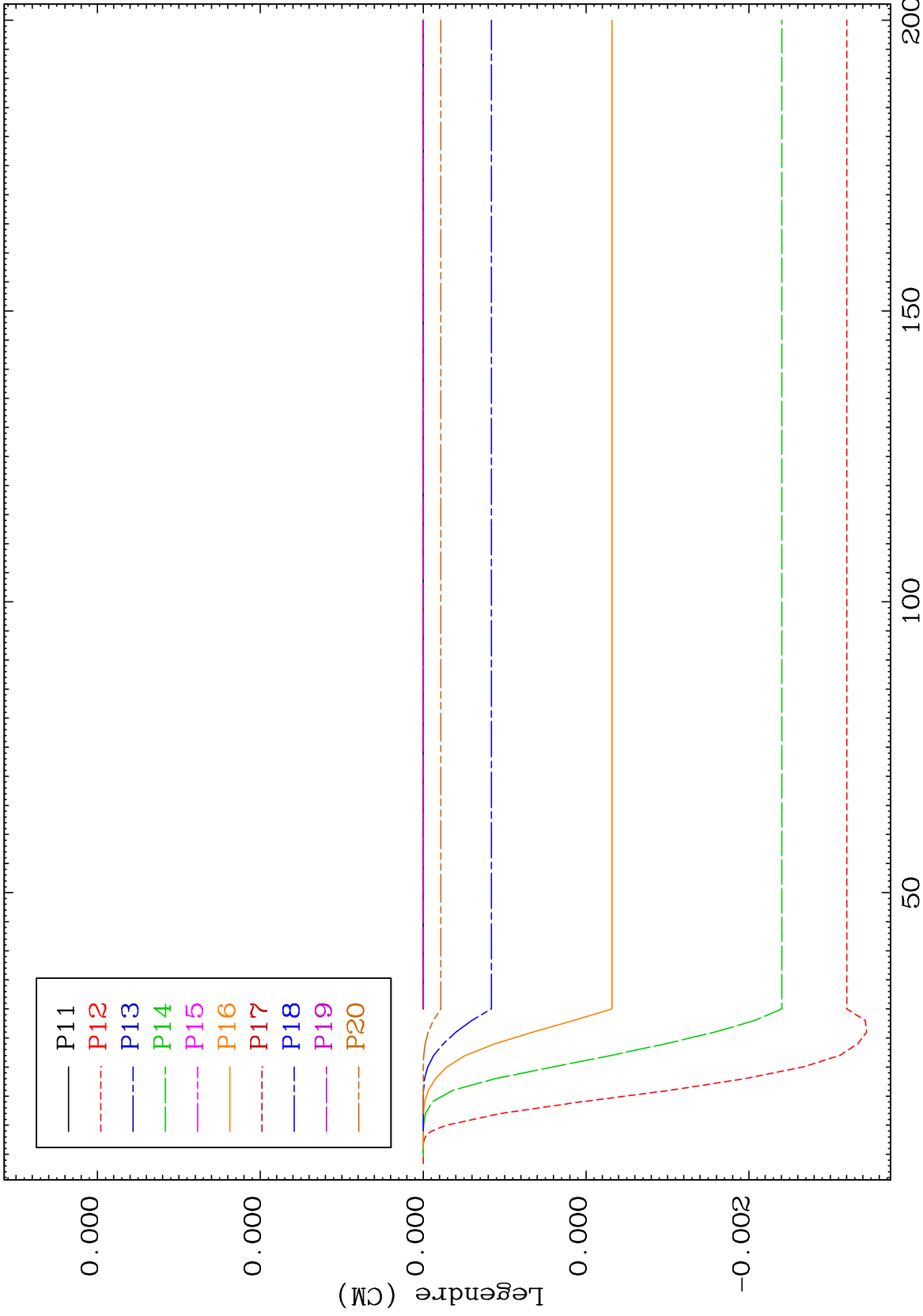


52 Incident Energy (MeV) 88-Ra-210

MAT 8786

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

88-Ra-210



53

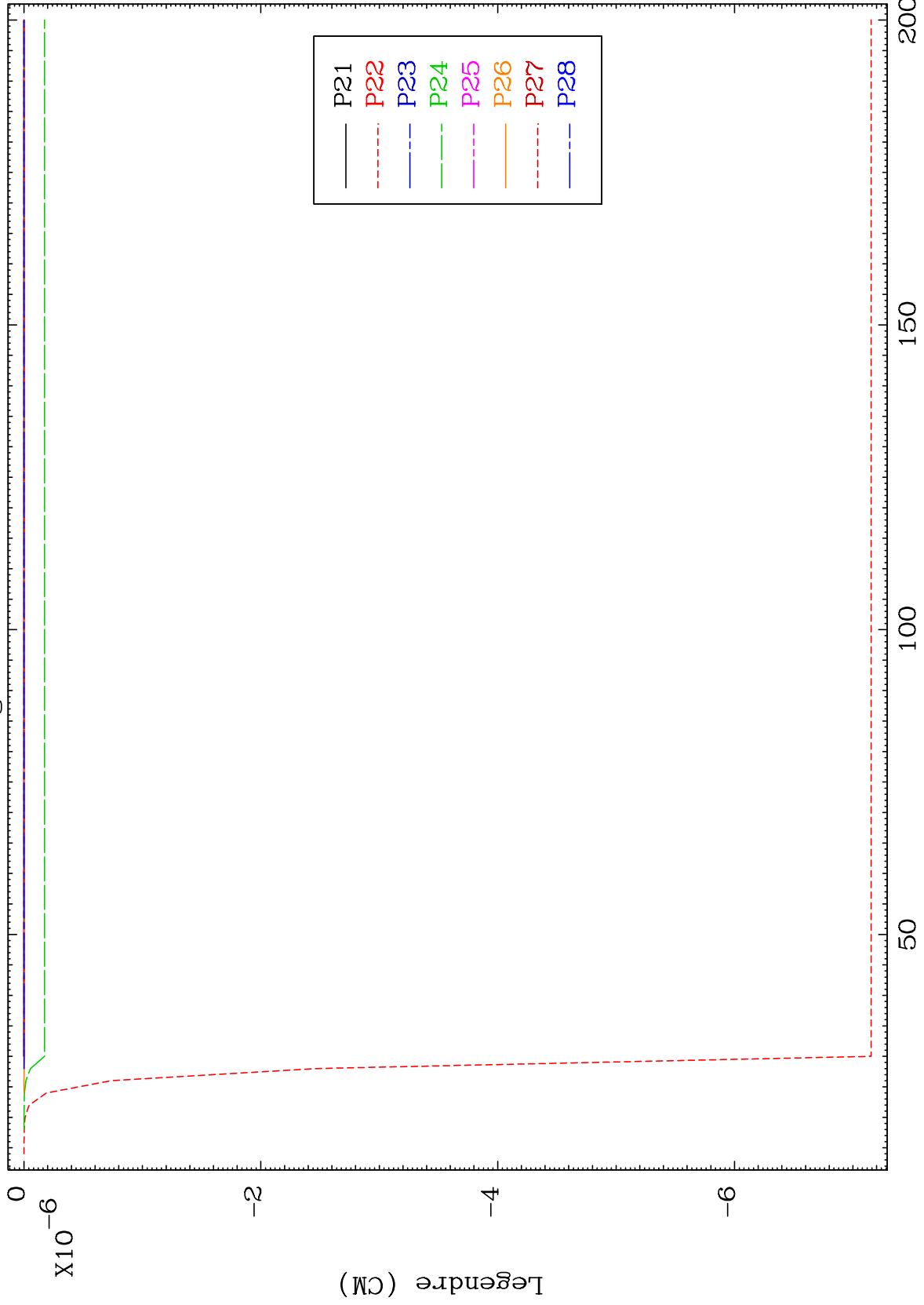
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88-Ra-210

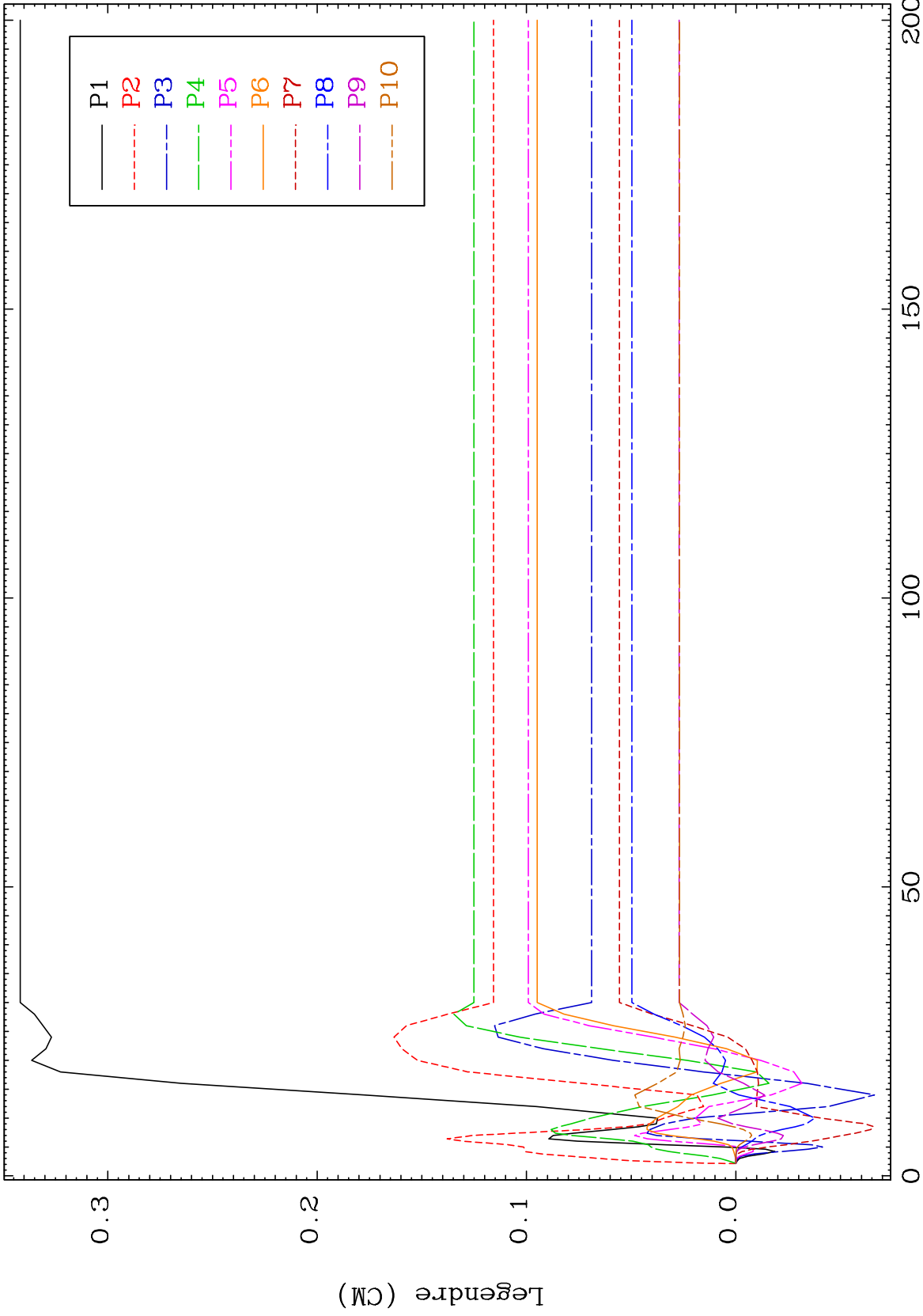
Incident Energy (MeV)

54

MAT 8786

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

88-Ra-210



55

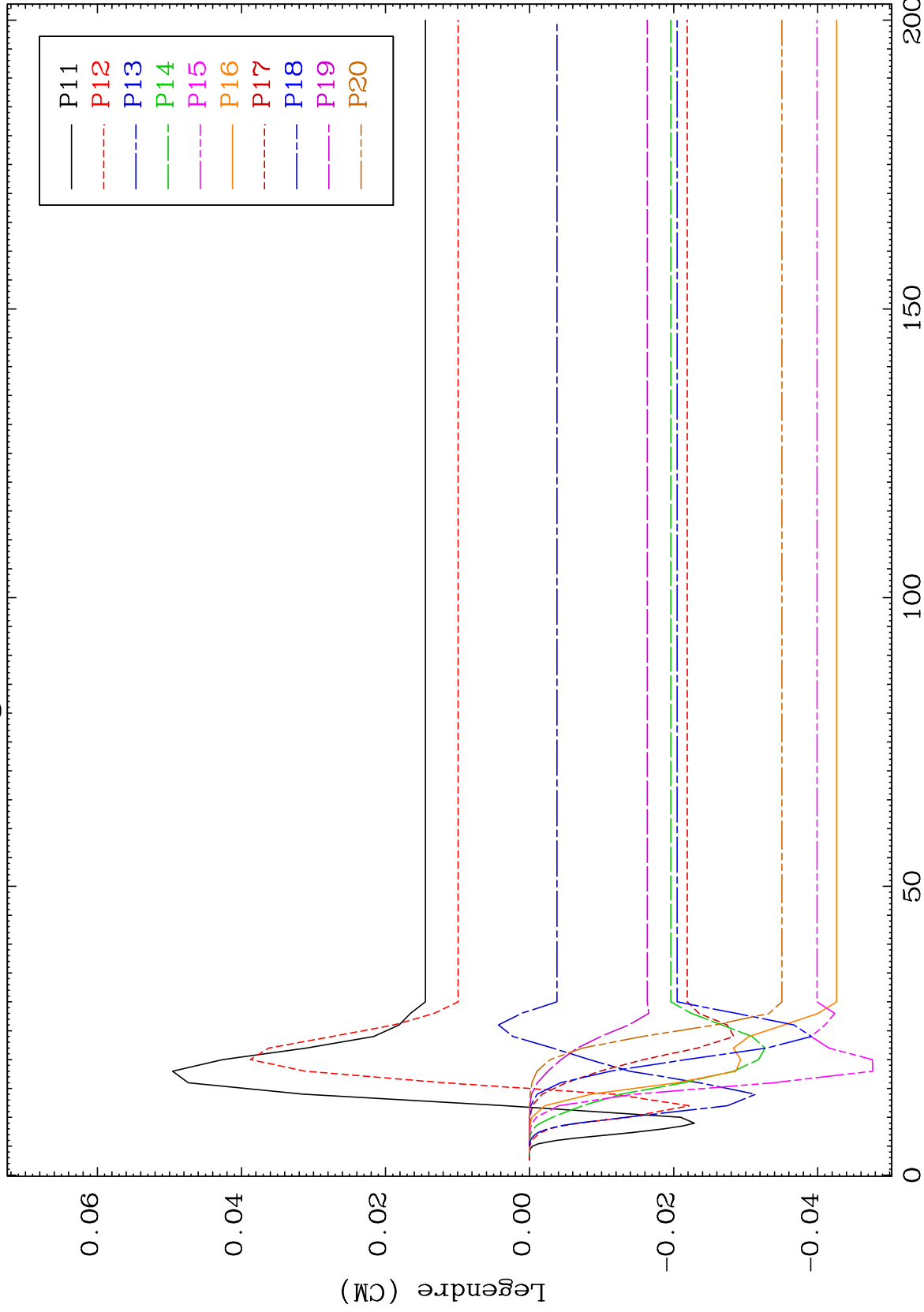
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



56

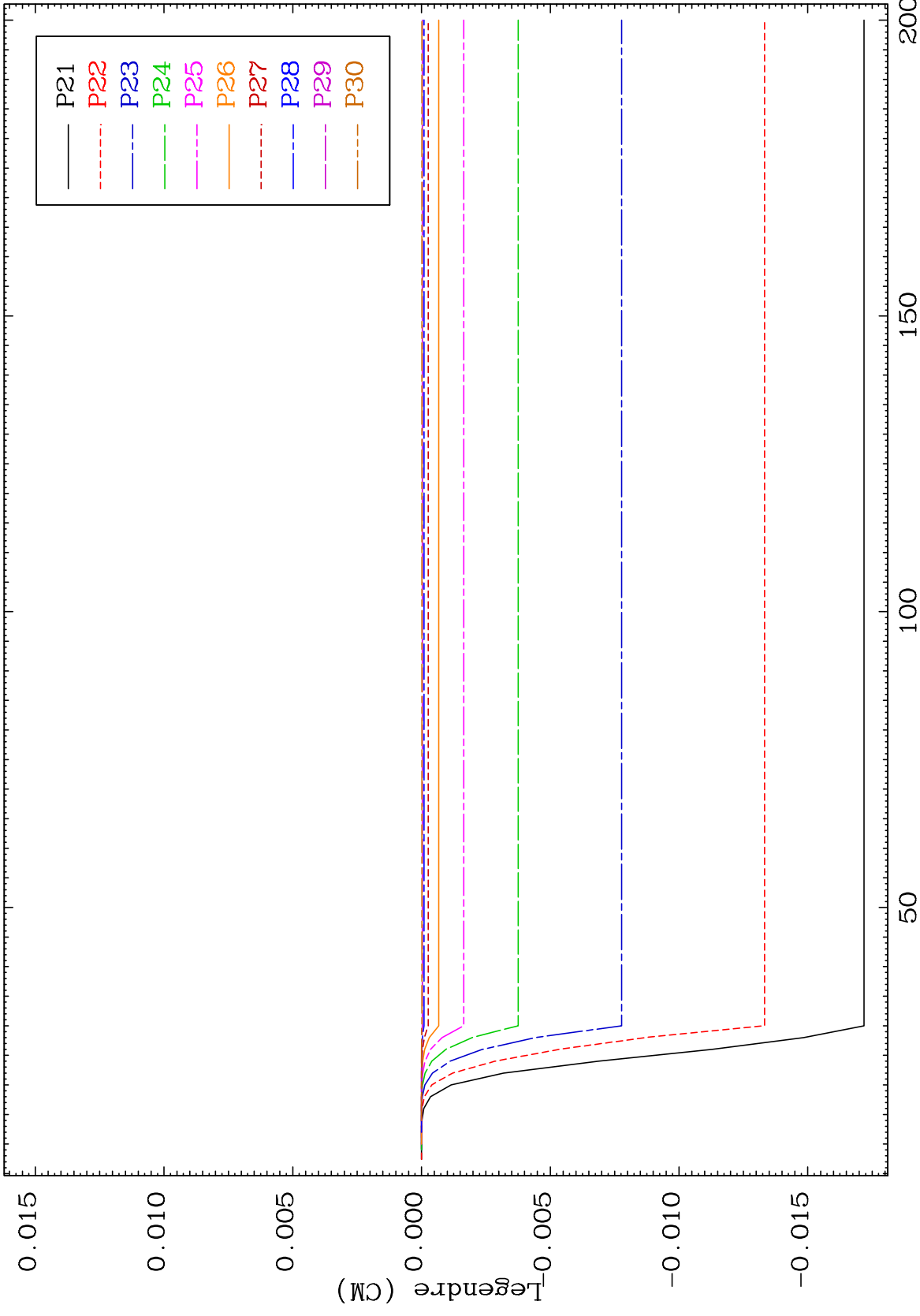
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



57

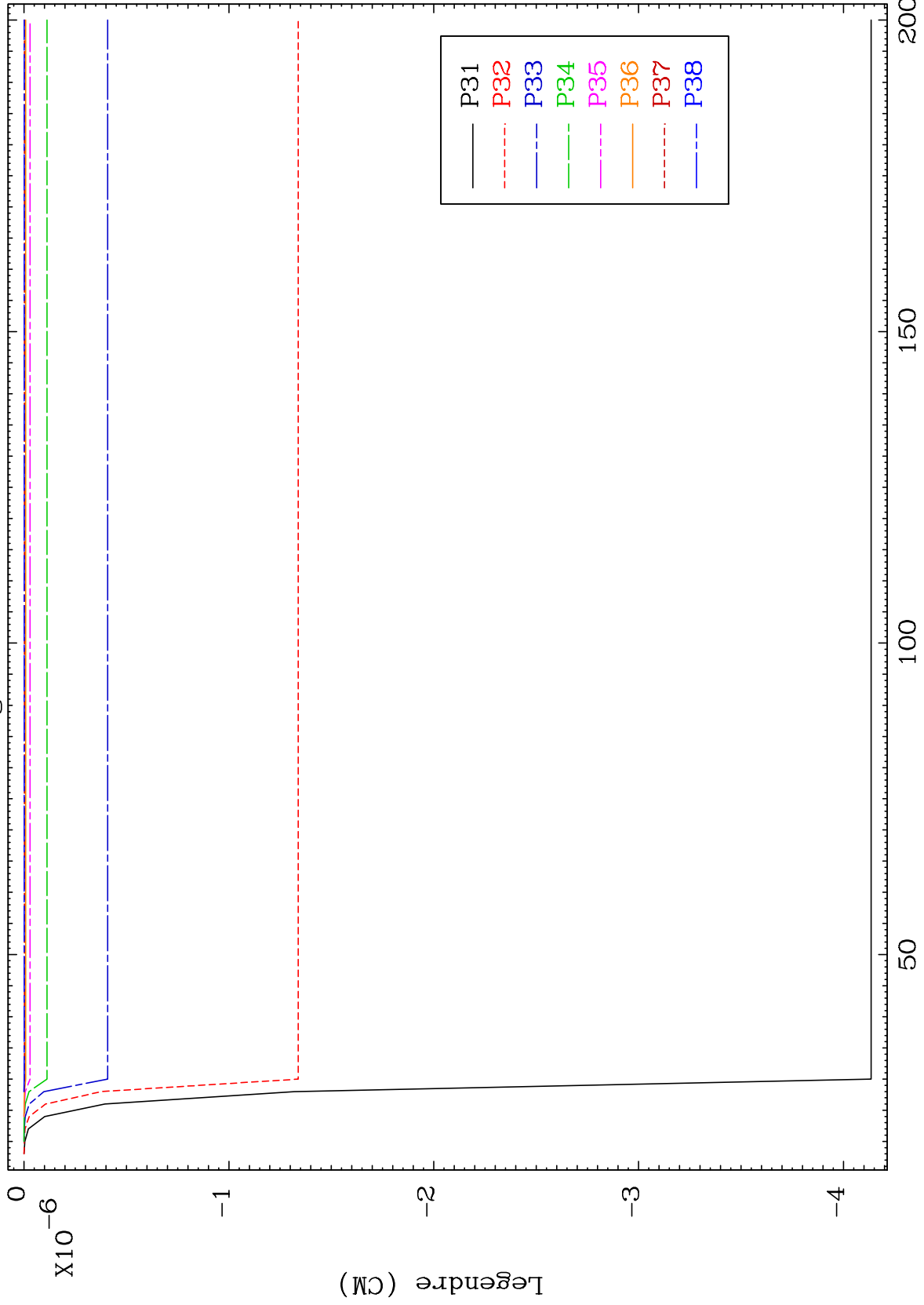
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88-Ra-210

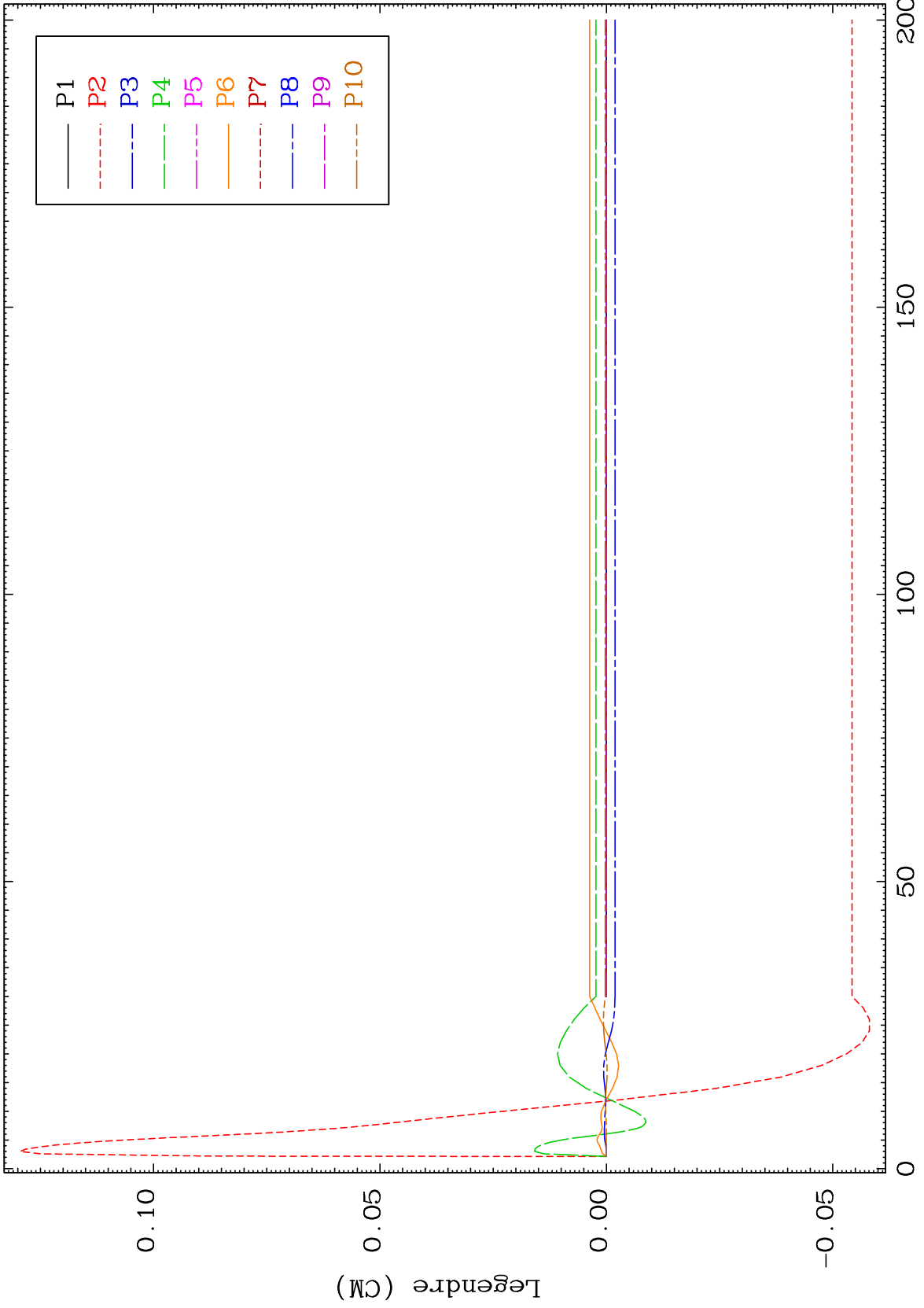
Incident Energy (MeV)

58

MAT 8786

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

88-Ra-210



59

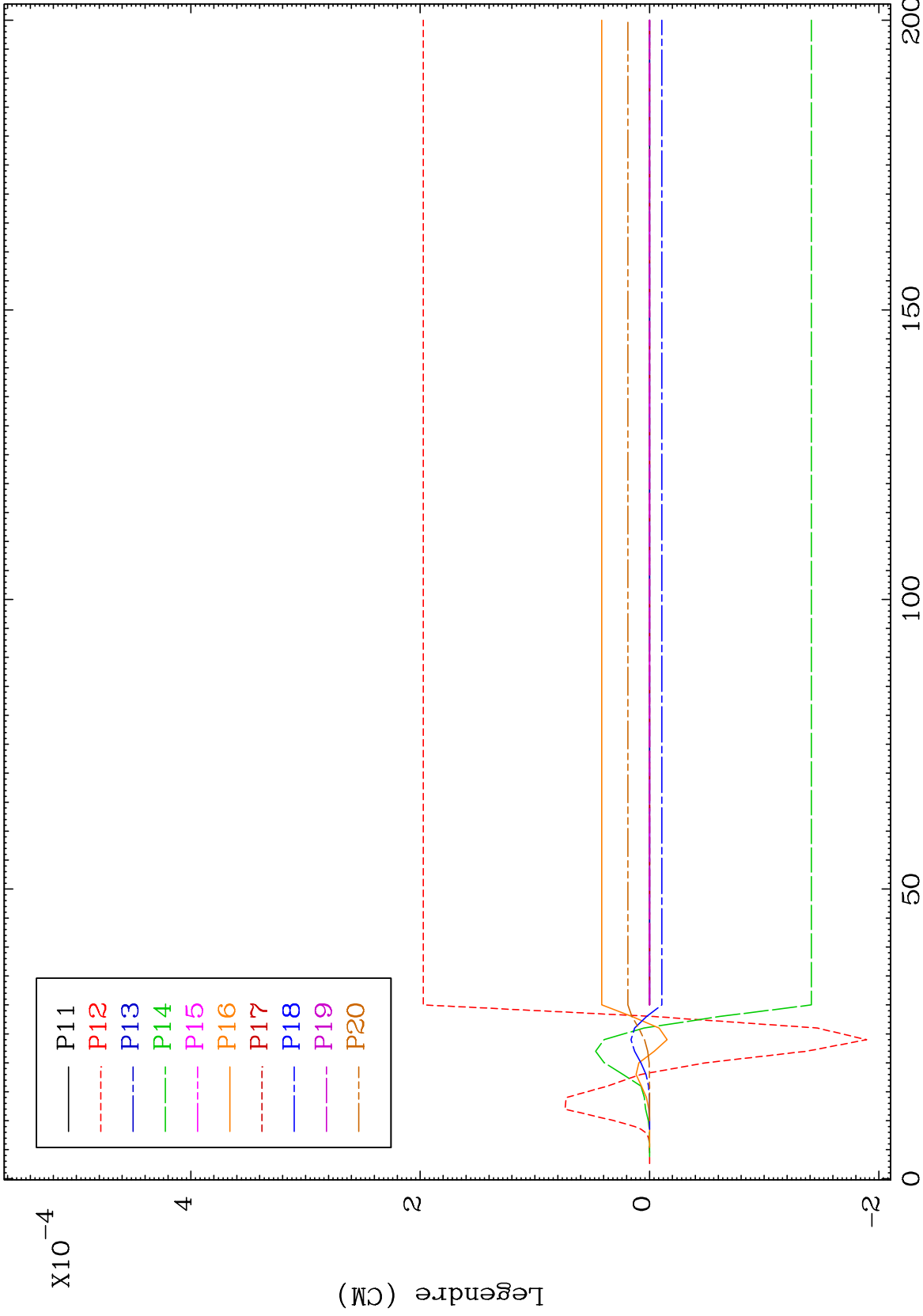
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



60

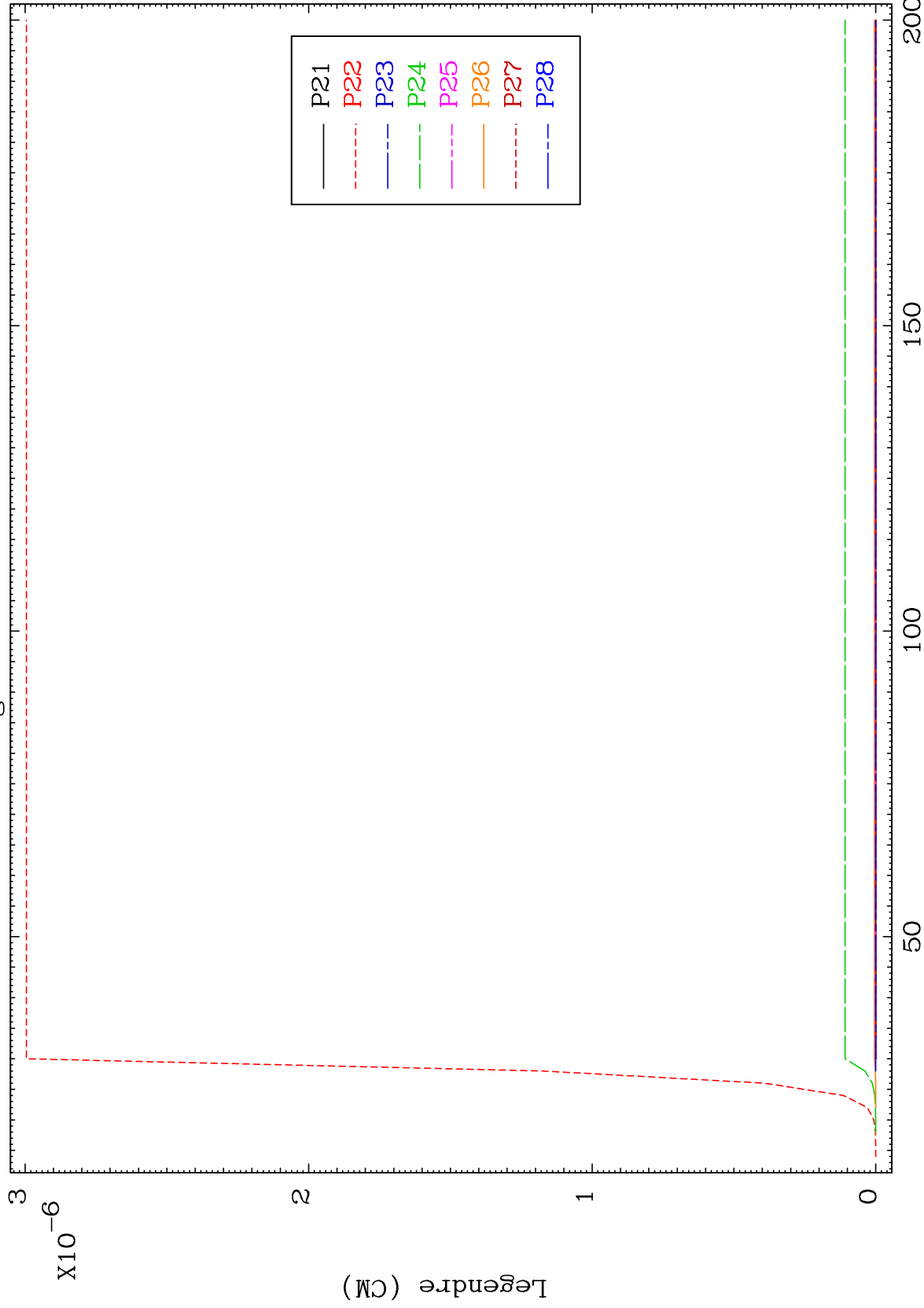
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



61

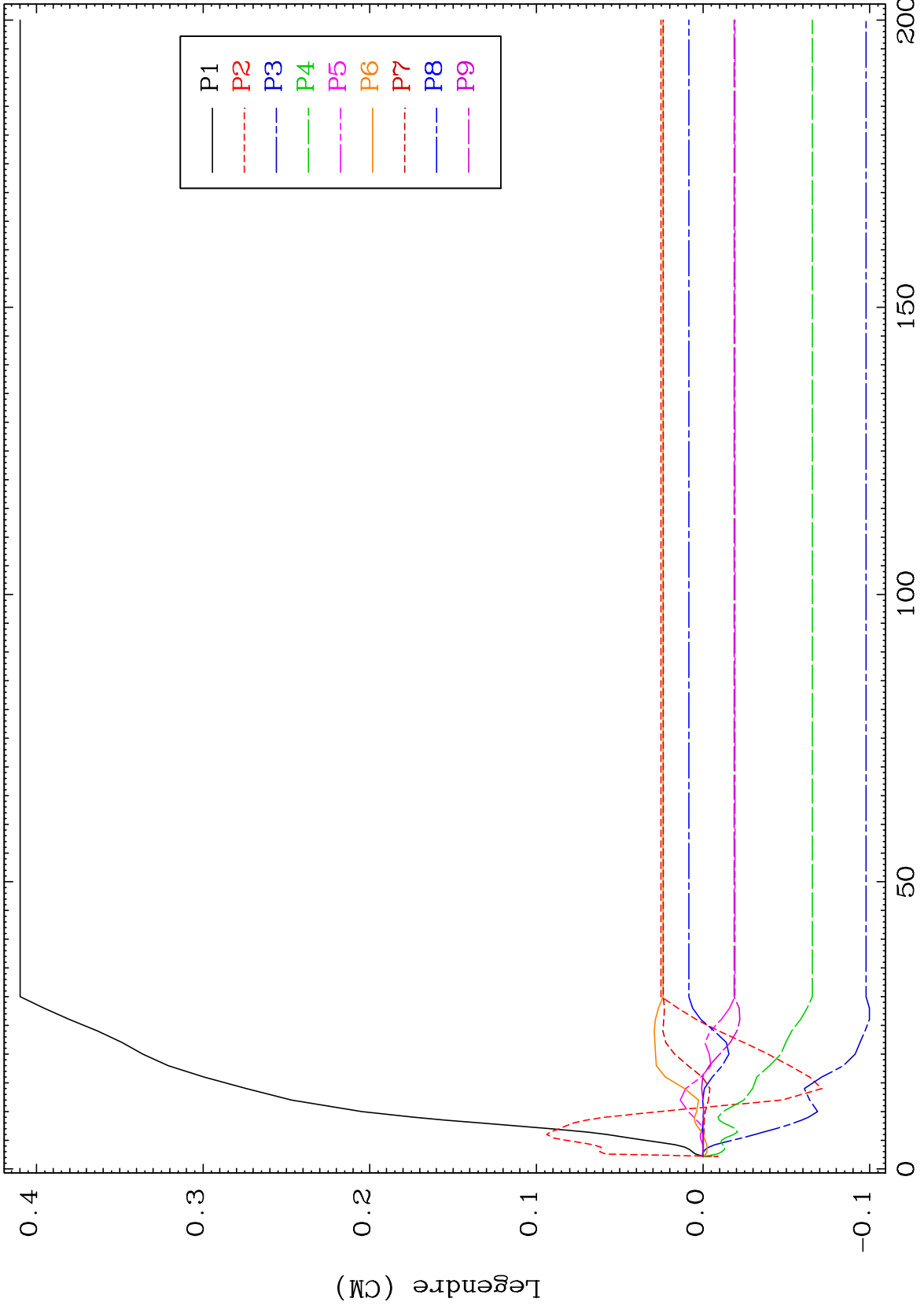
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



62

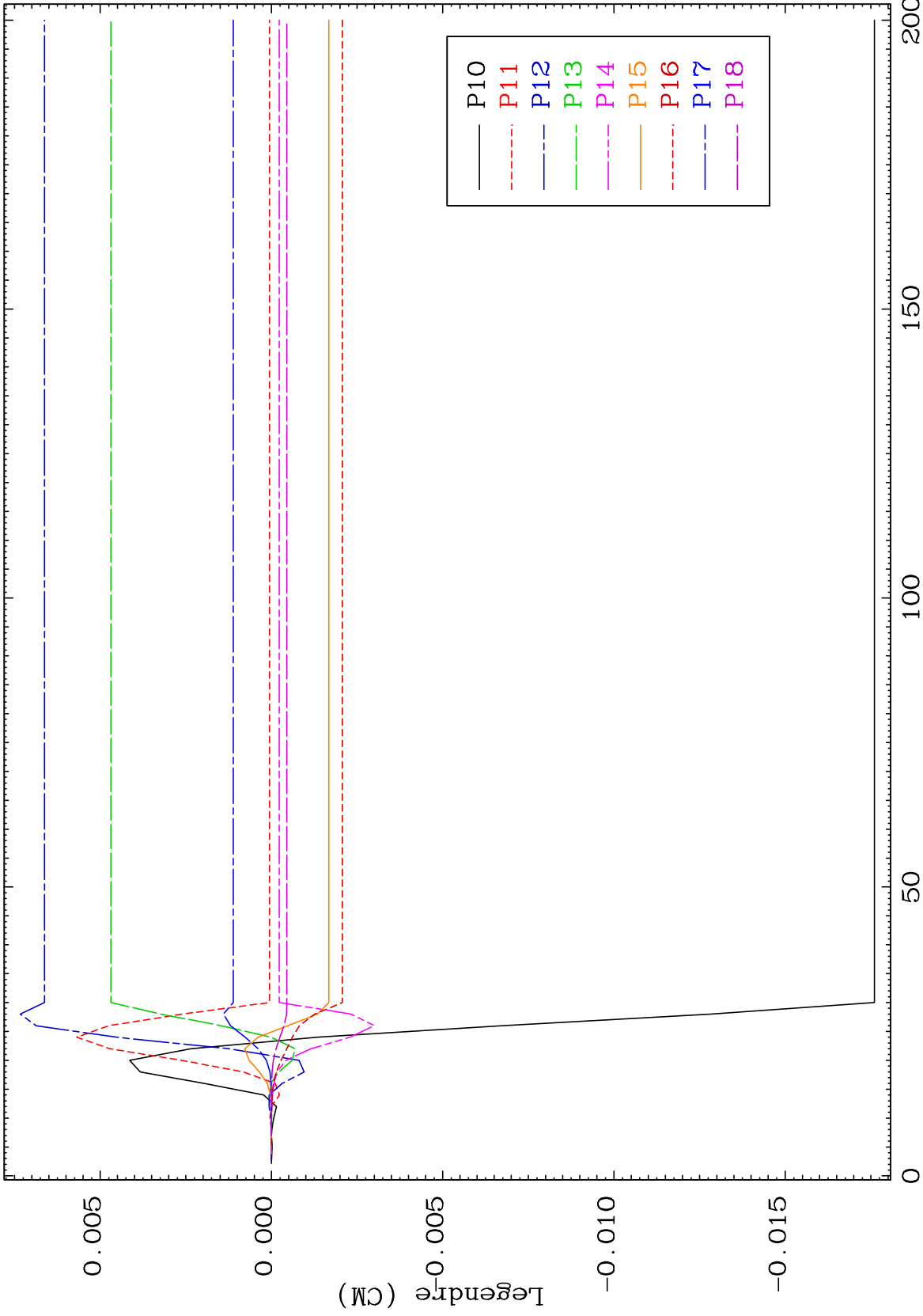
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



63

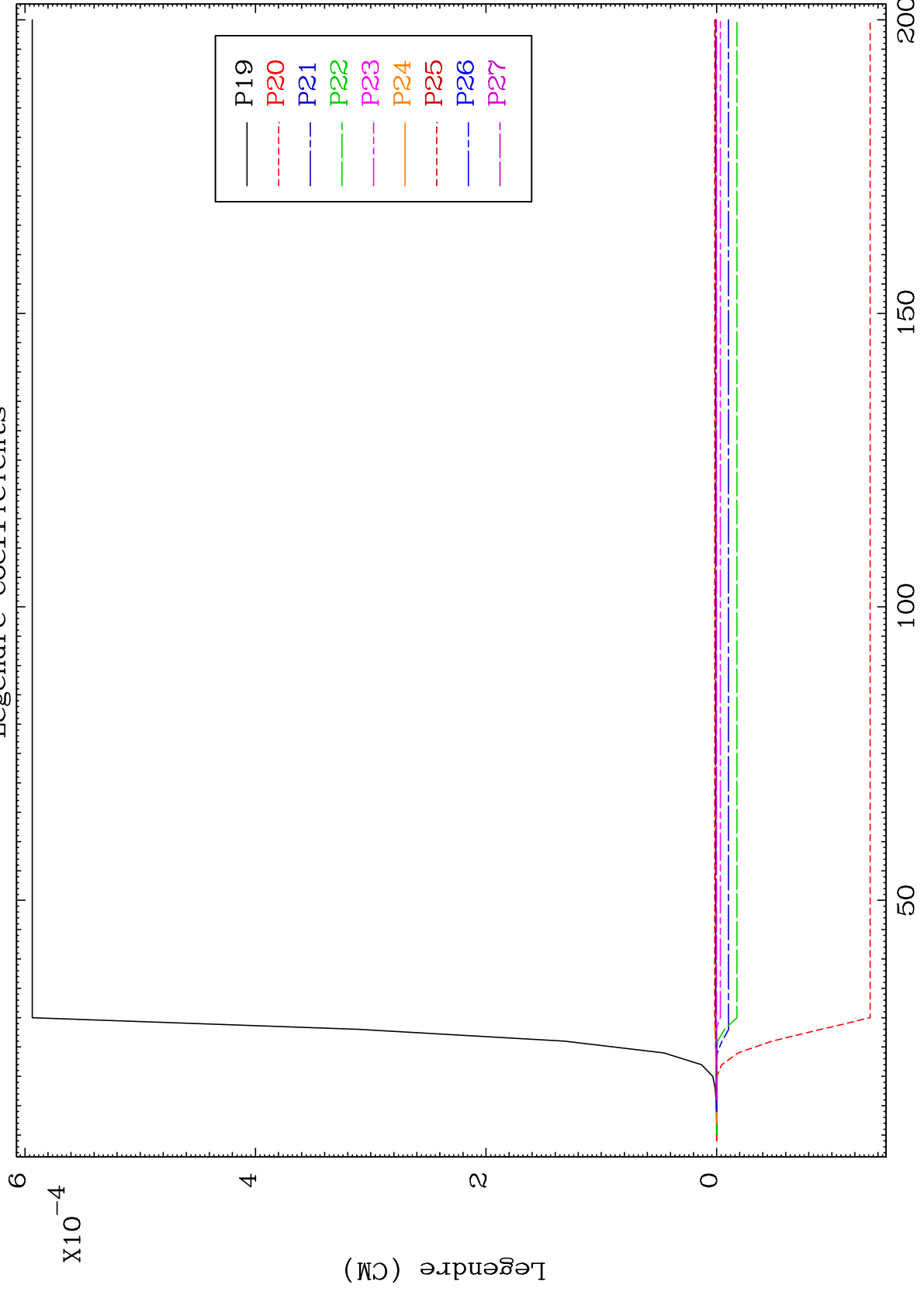
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



64

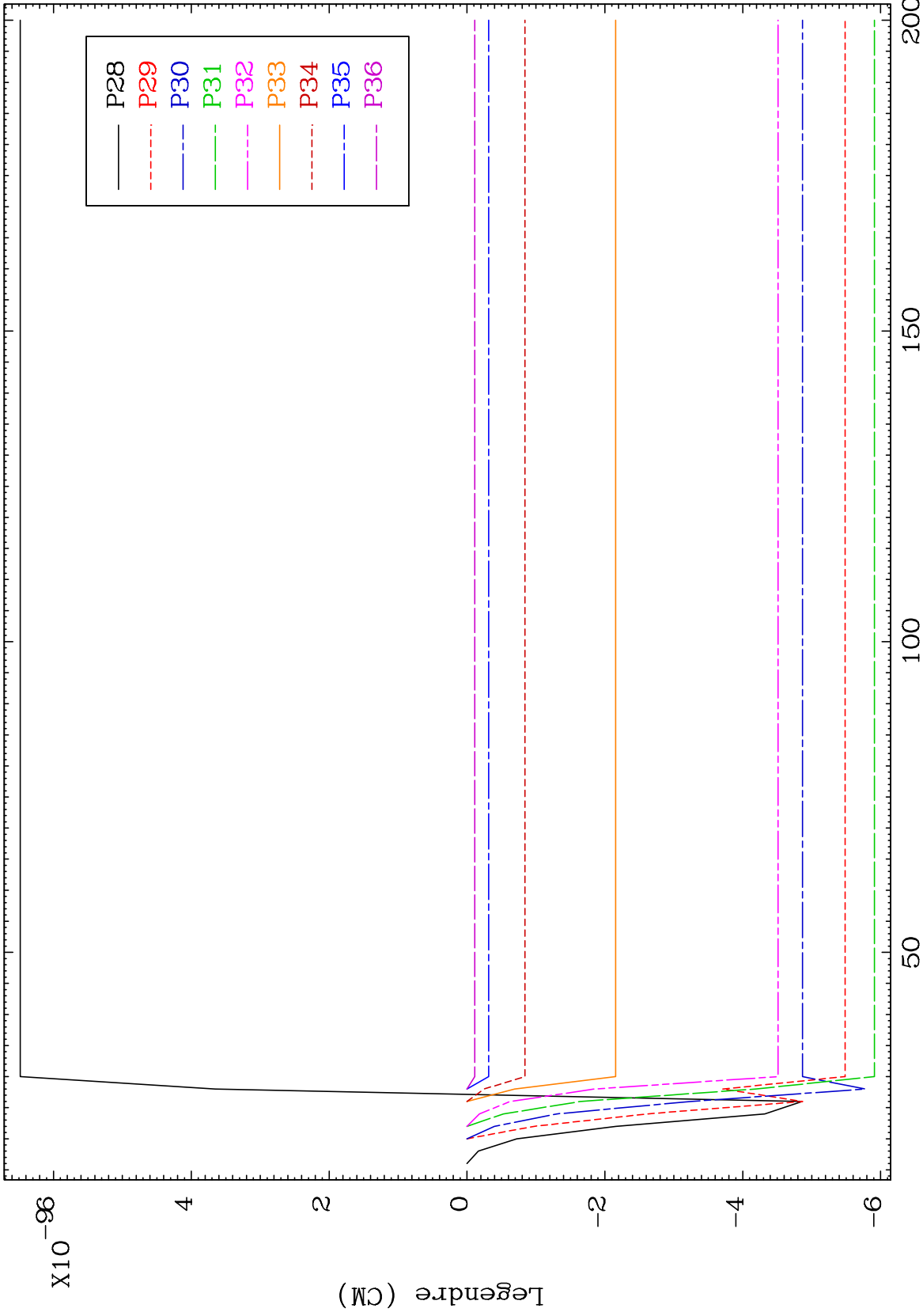
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



65

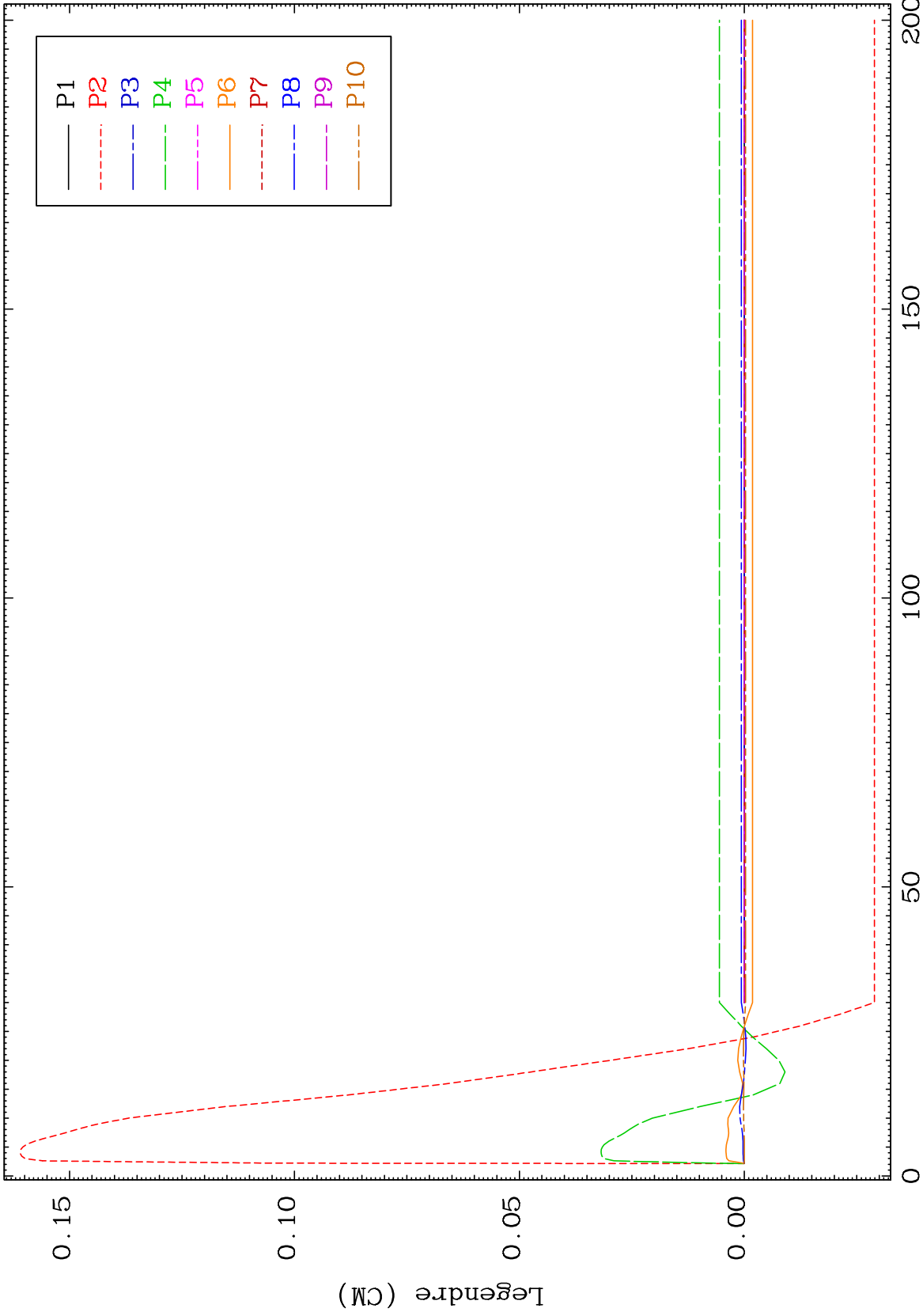
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



66

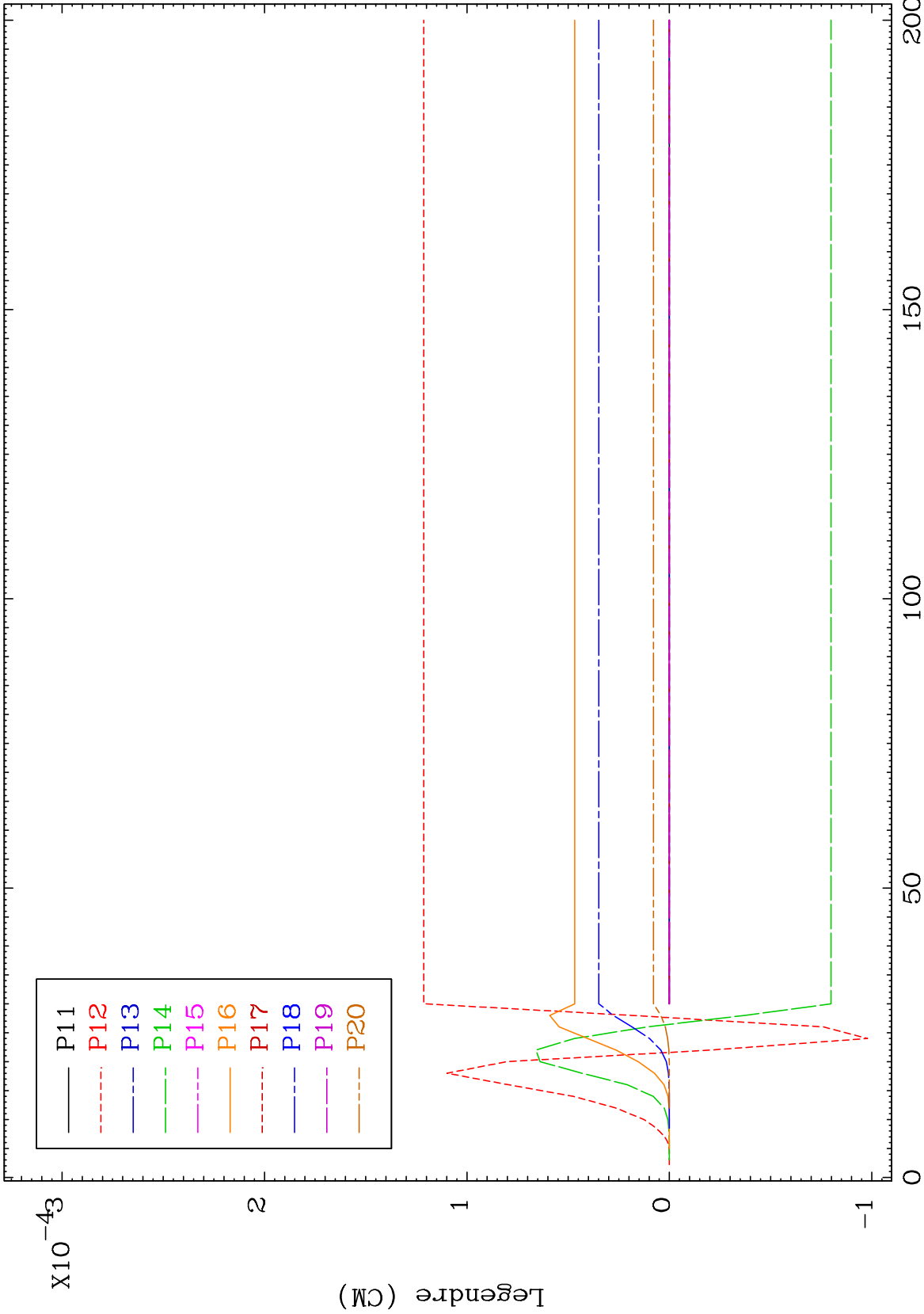
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

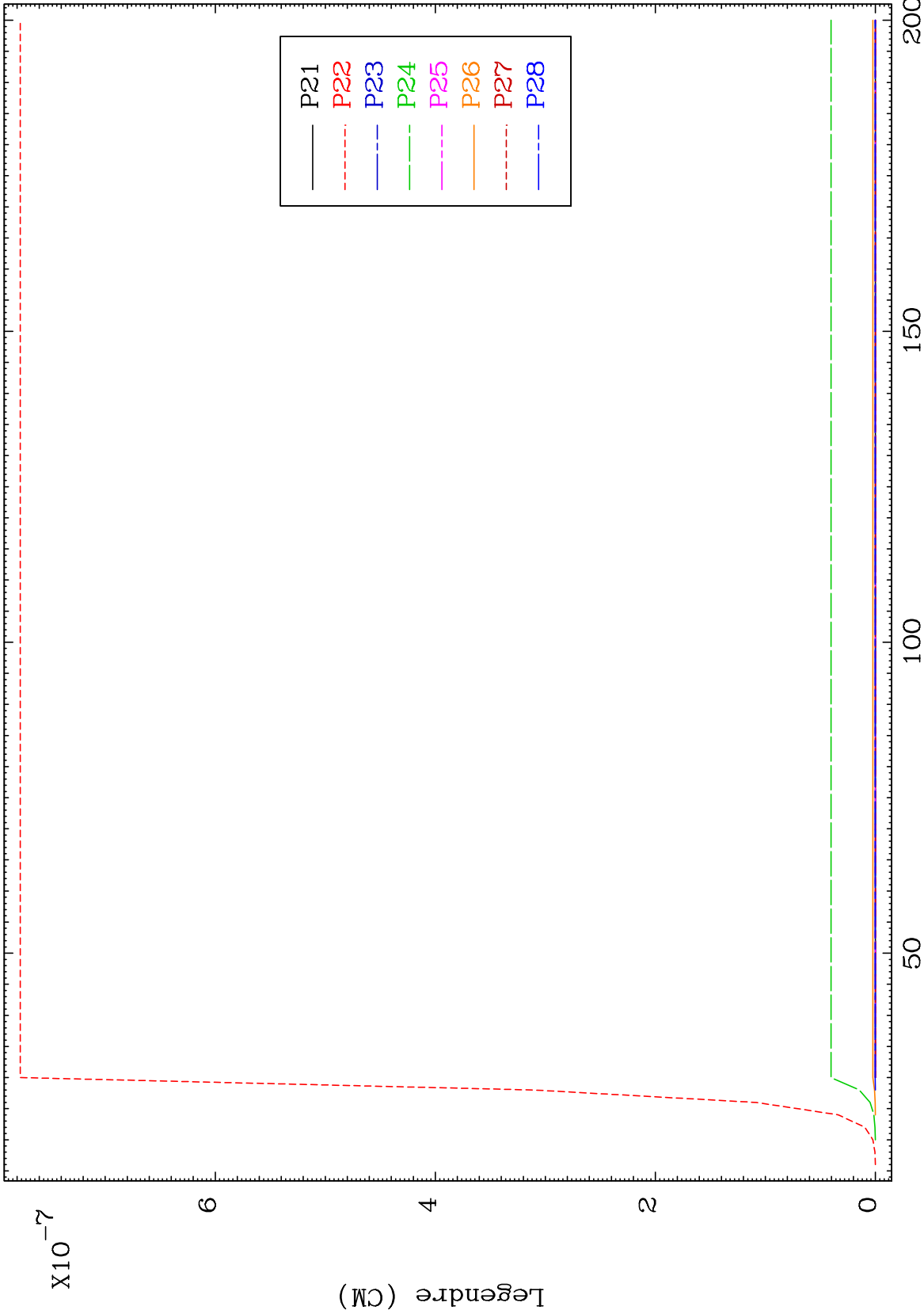
88-Ra-210



MAT 8786

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

88-Ra-210



68

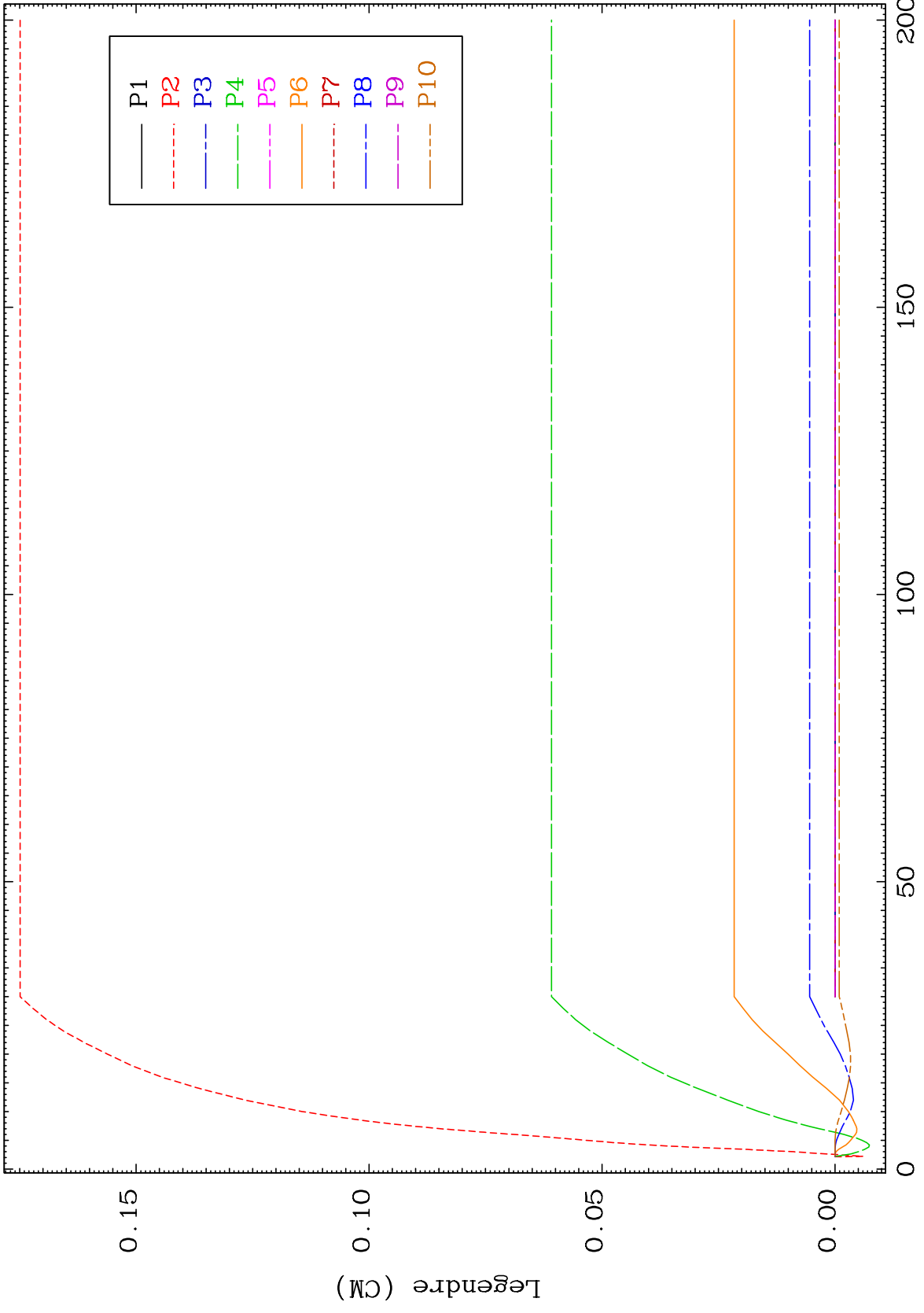
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



69

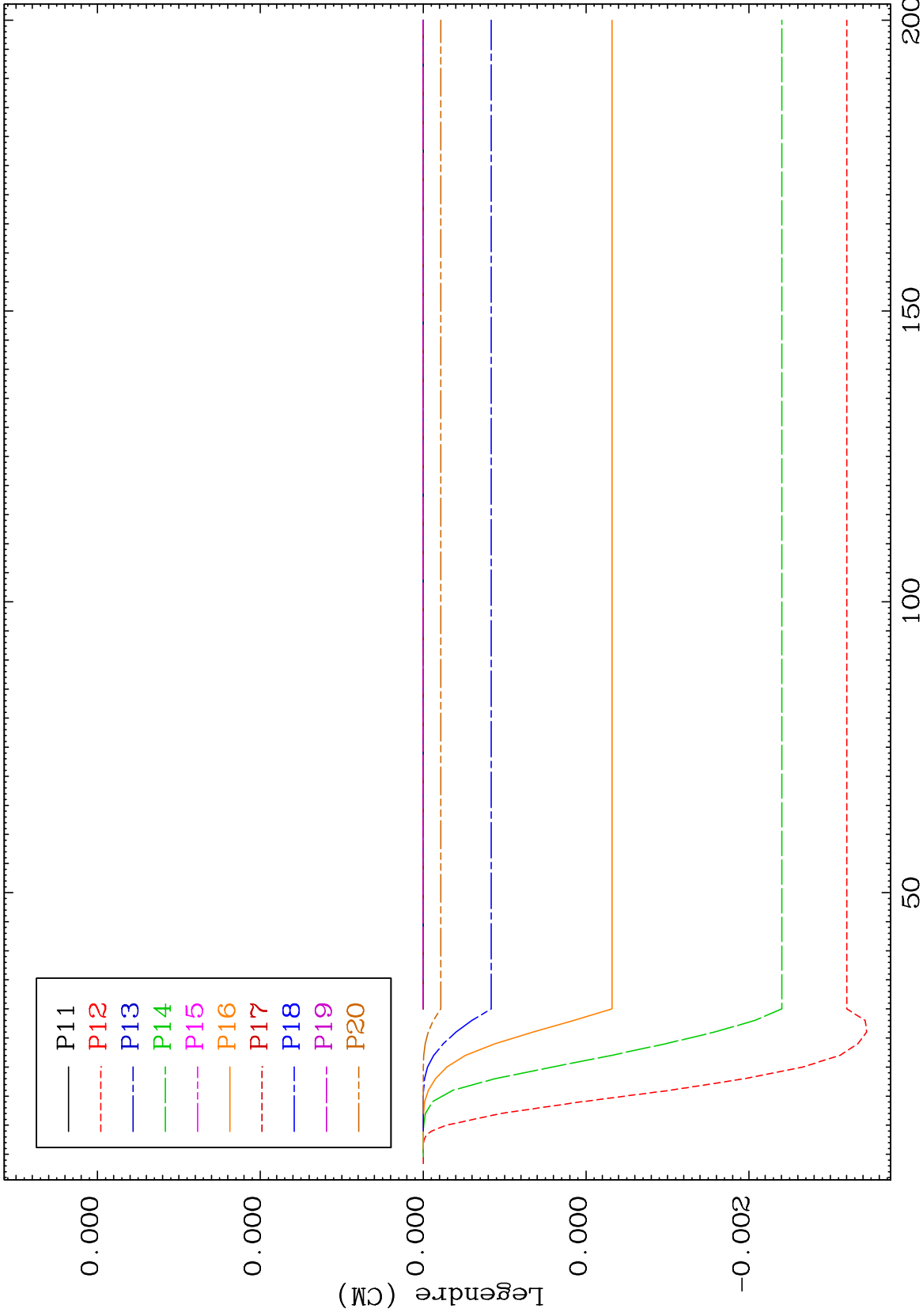
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



70

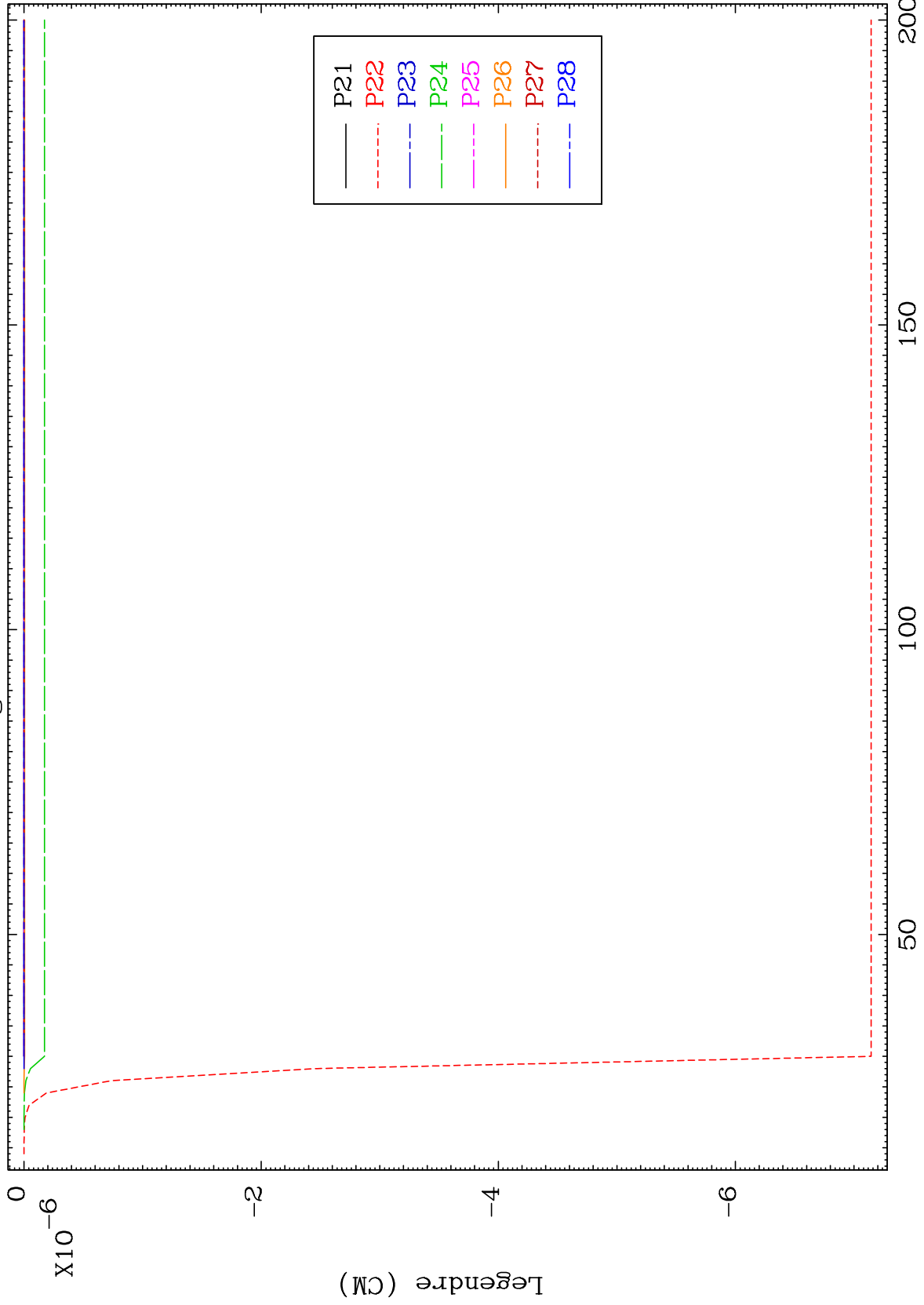
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



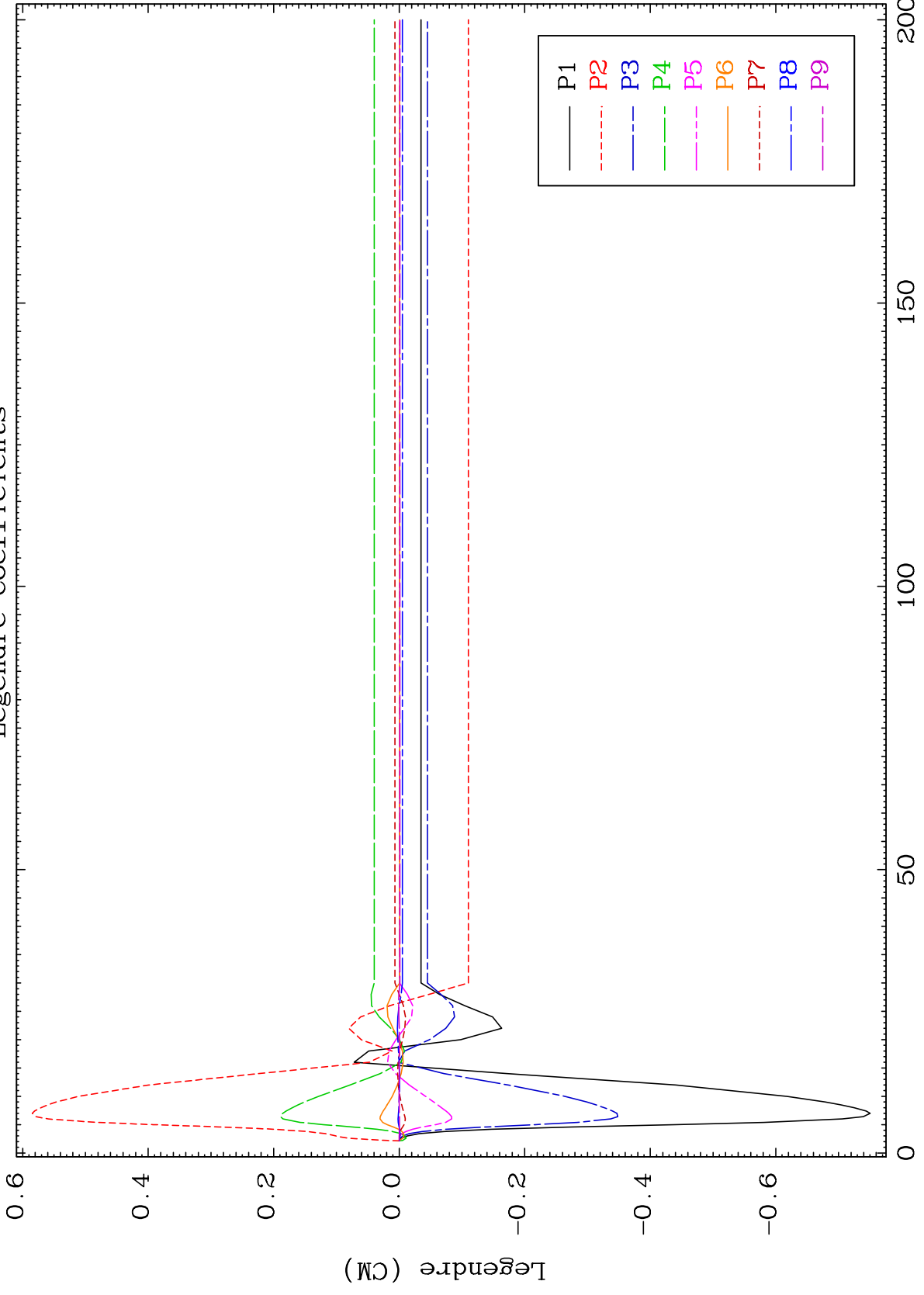
88-Ra-210

Incident Energy (MeV)

71

MAT 8786 MT= 67 (n,n') Level Legendre Coefficients

88-Ra-210



88-Ra-210

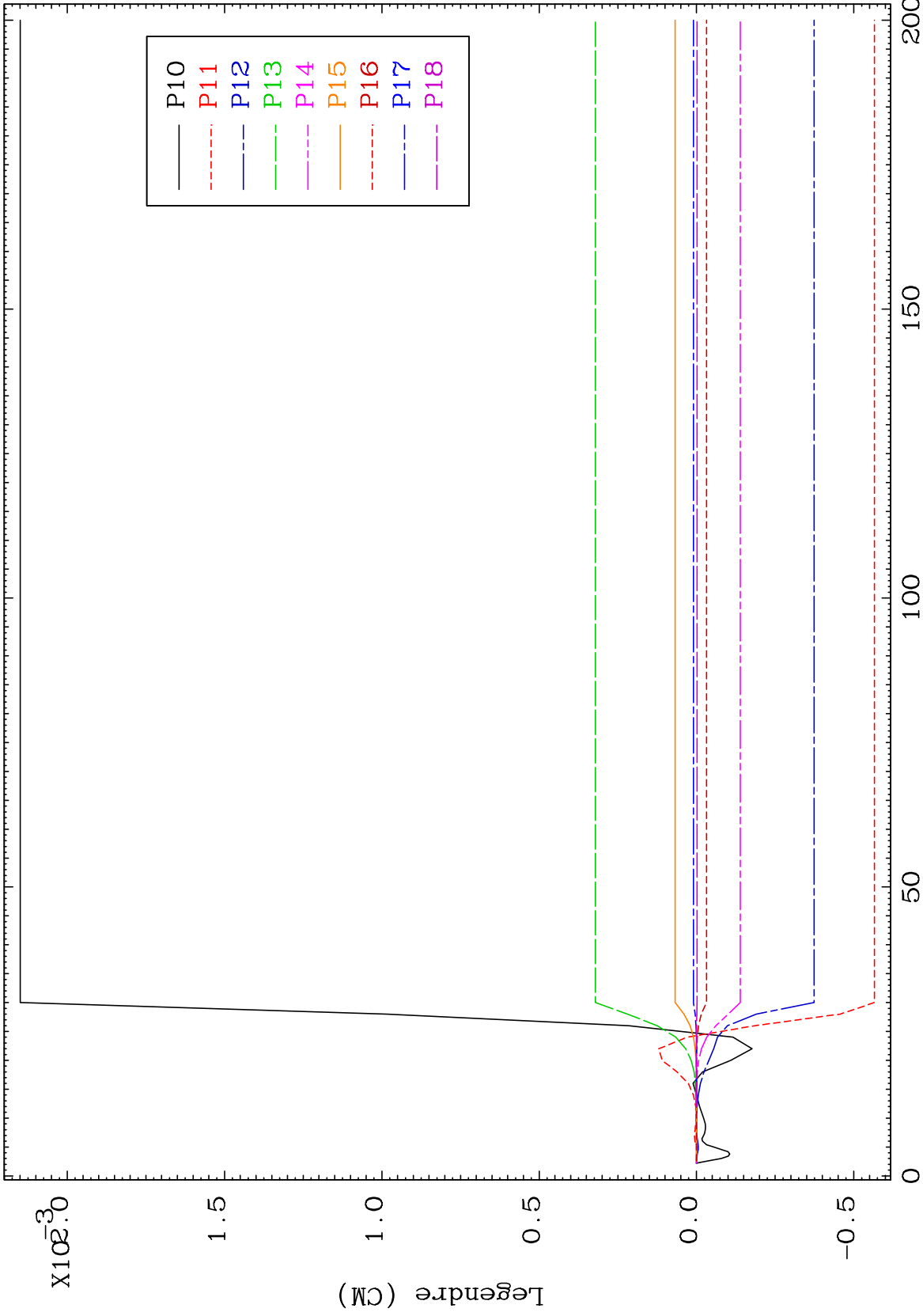
Incident Energy (MeV)

72

MAT 8786

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

88-Ra-210



73

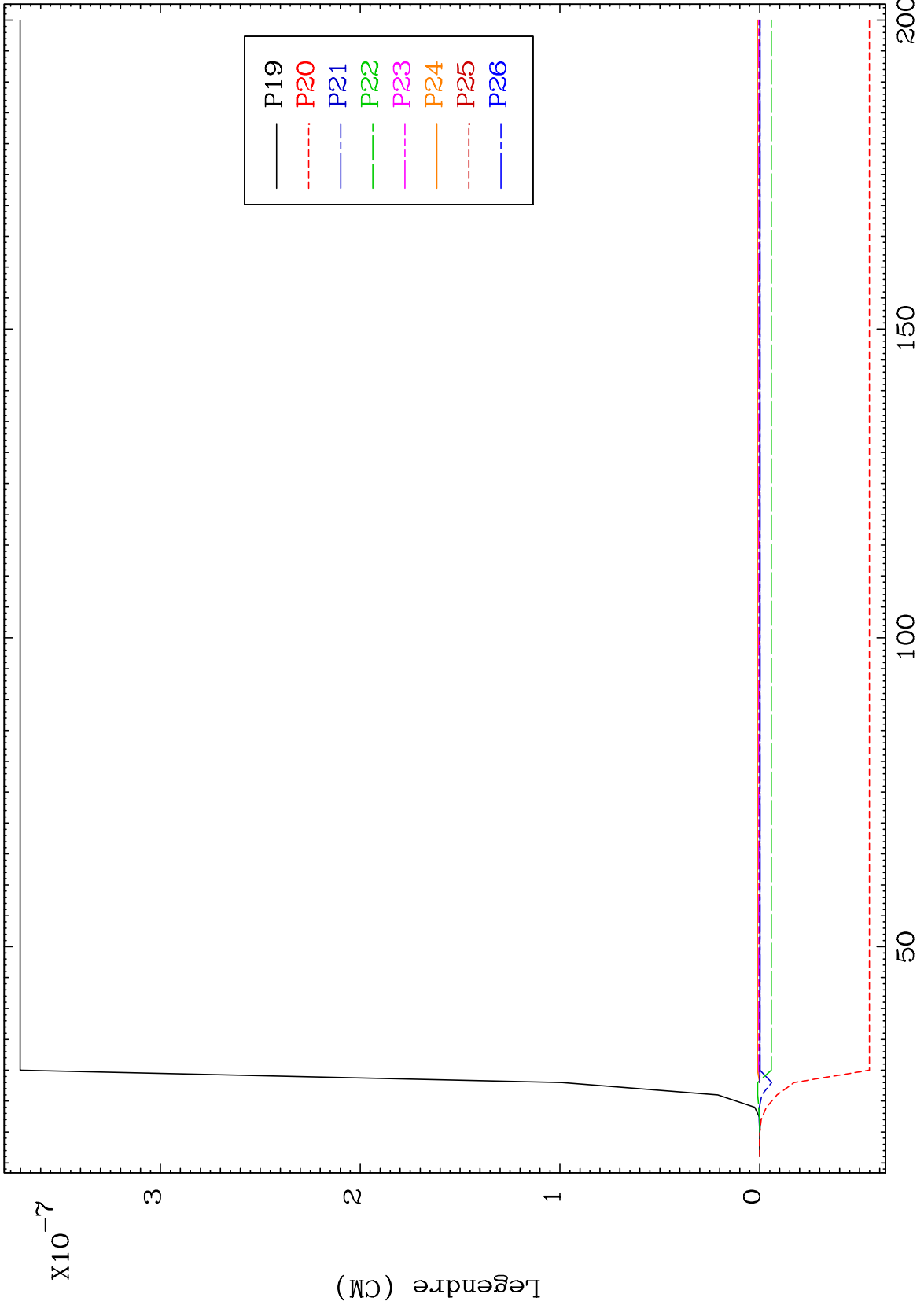
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



74

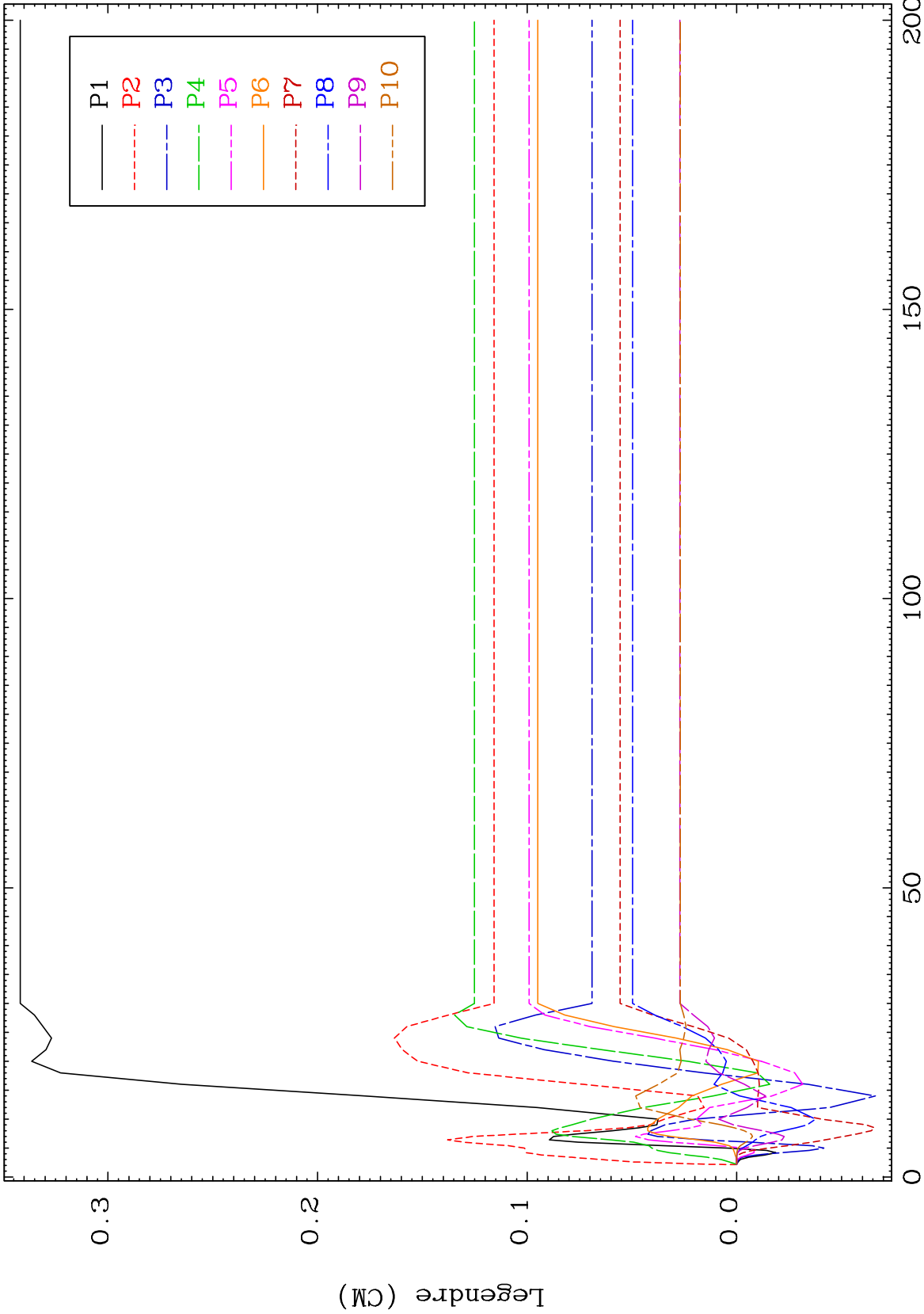
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



75

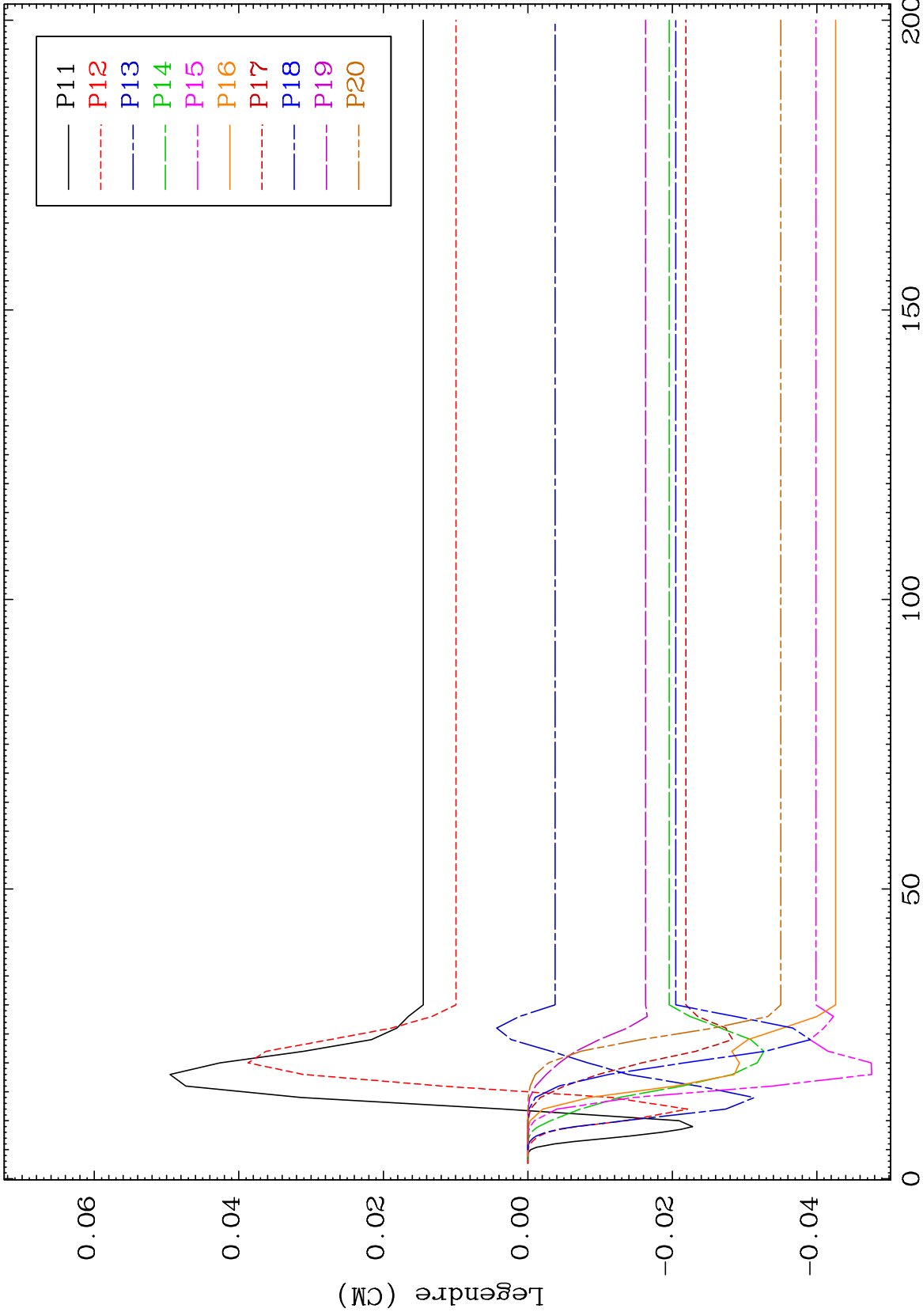
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



76

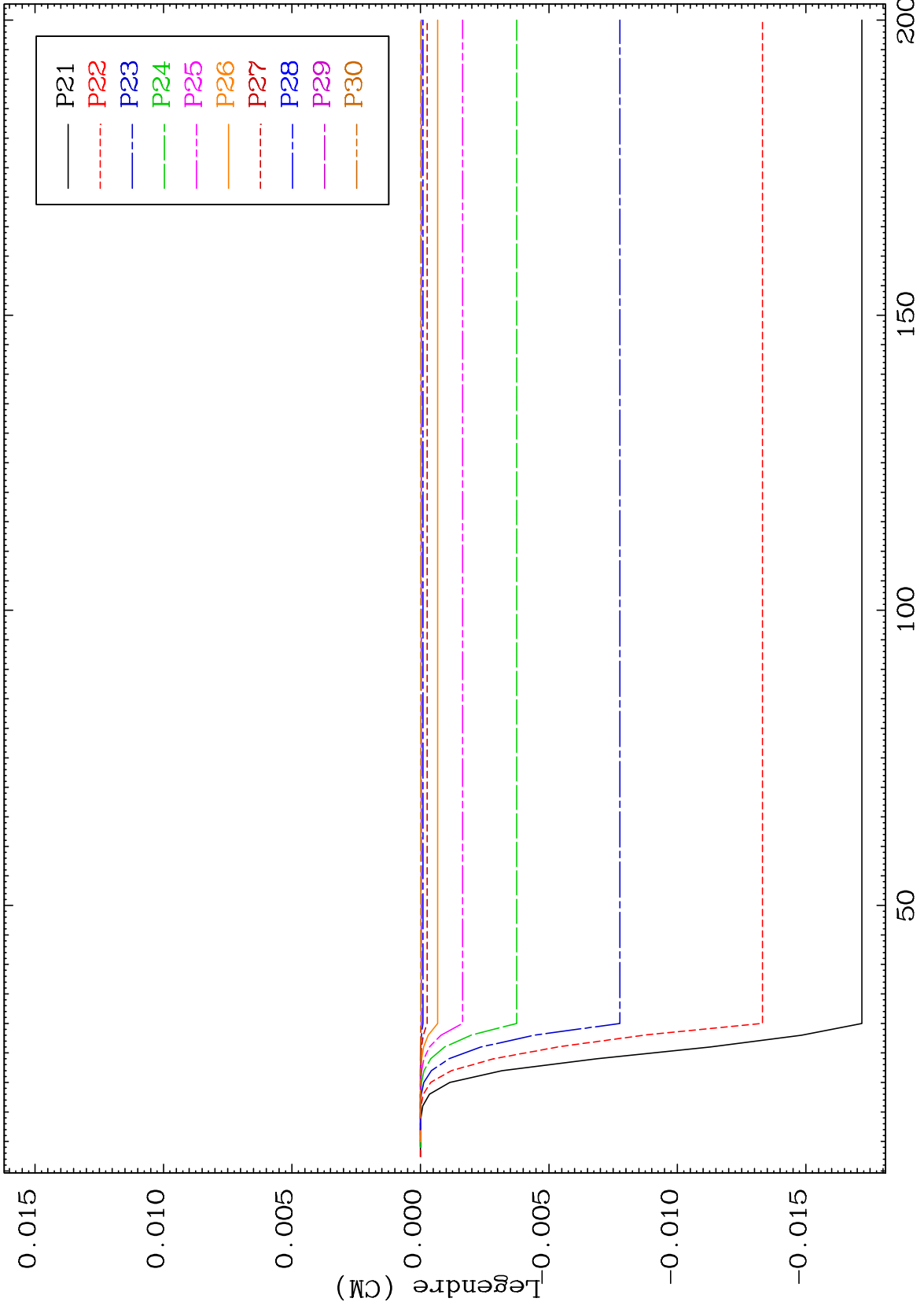
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210

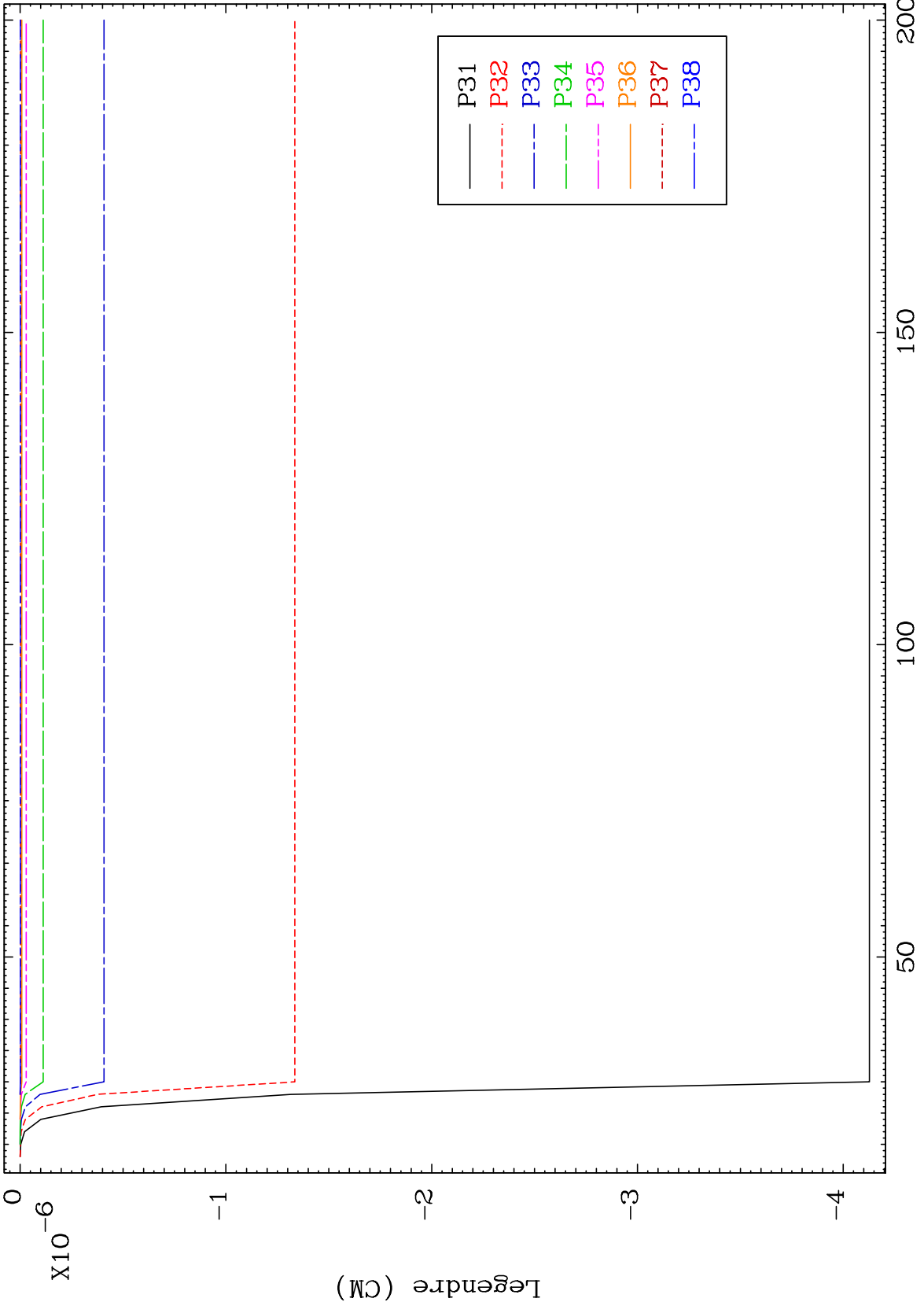


77

Incident Energy (MeV)

88-Ra-210

MAT 8786 MT= 68 (n,n') Level Legendre Coefficients 88-Ra-210

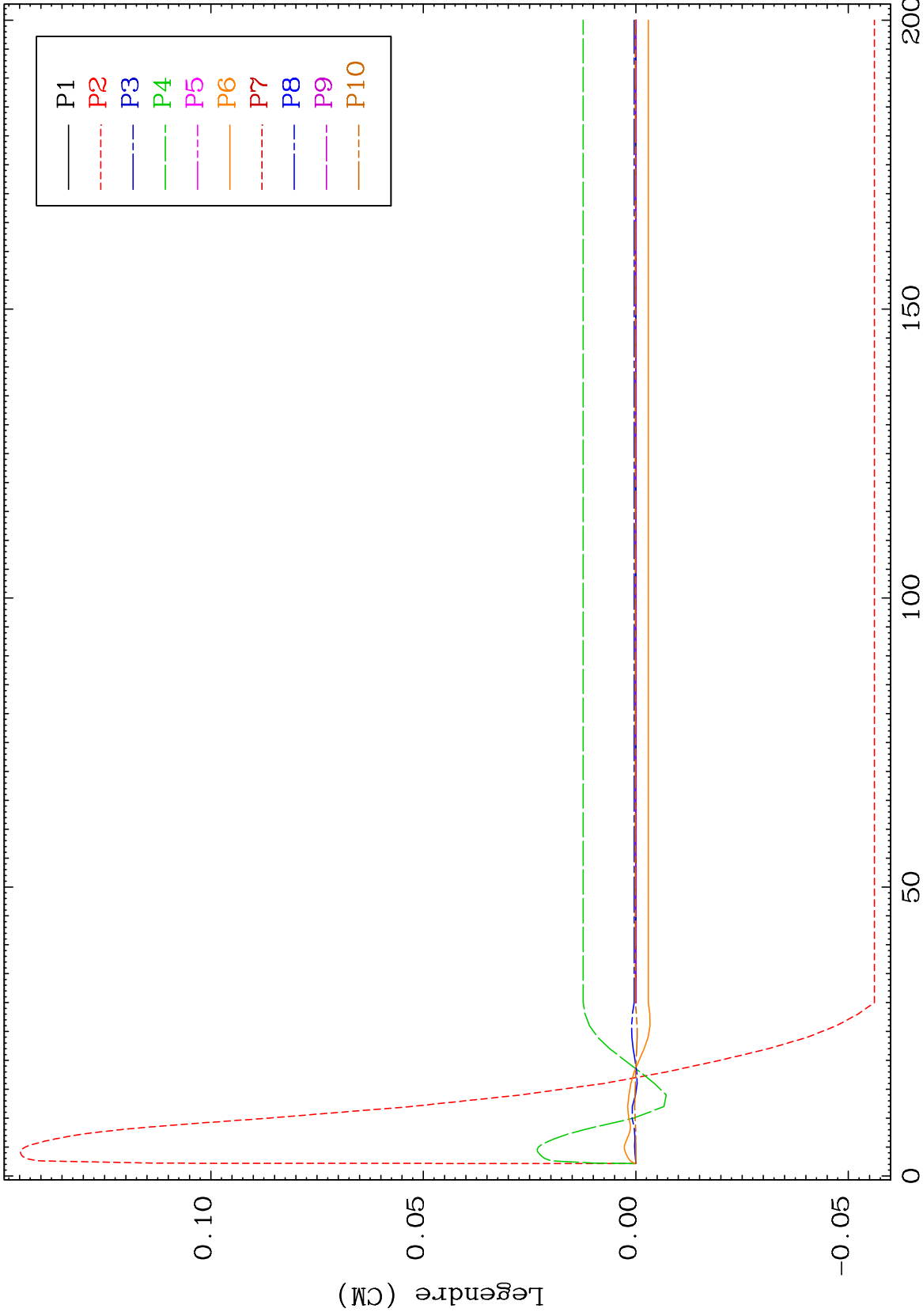


78 Incident Energy (MeV) 88-Ra-210

MAT 8786

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

88-Ra-210



79

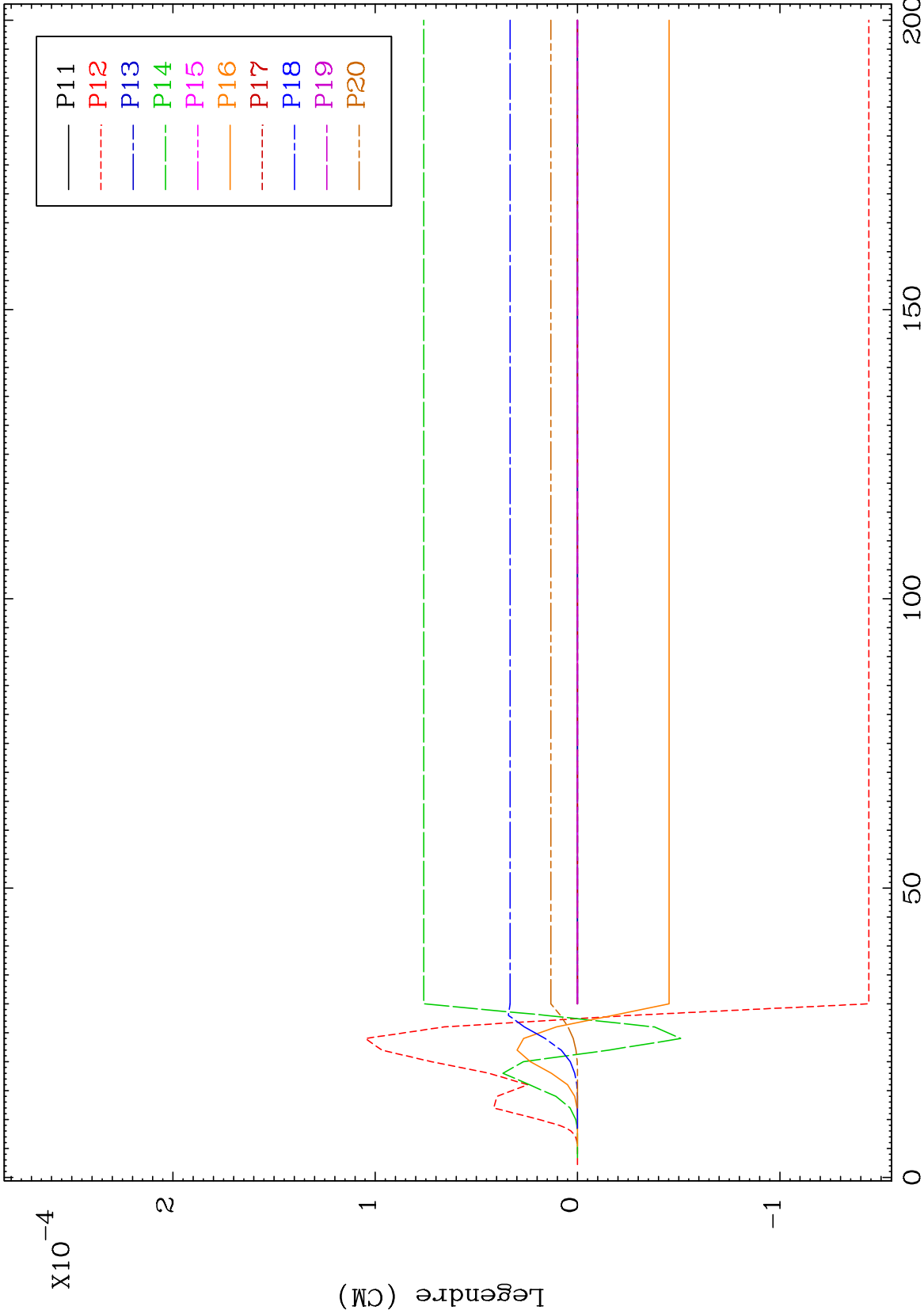
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210

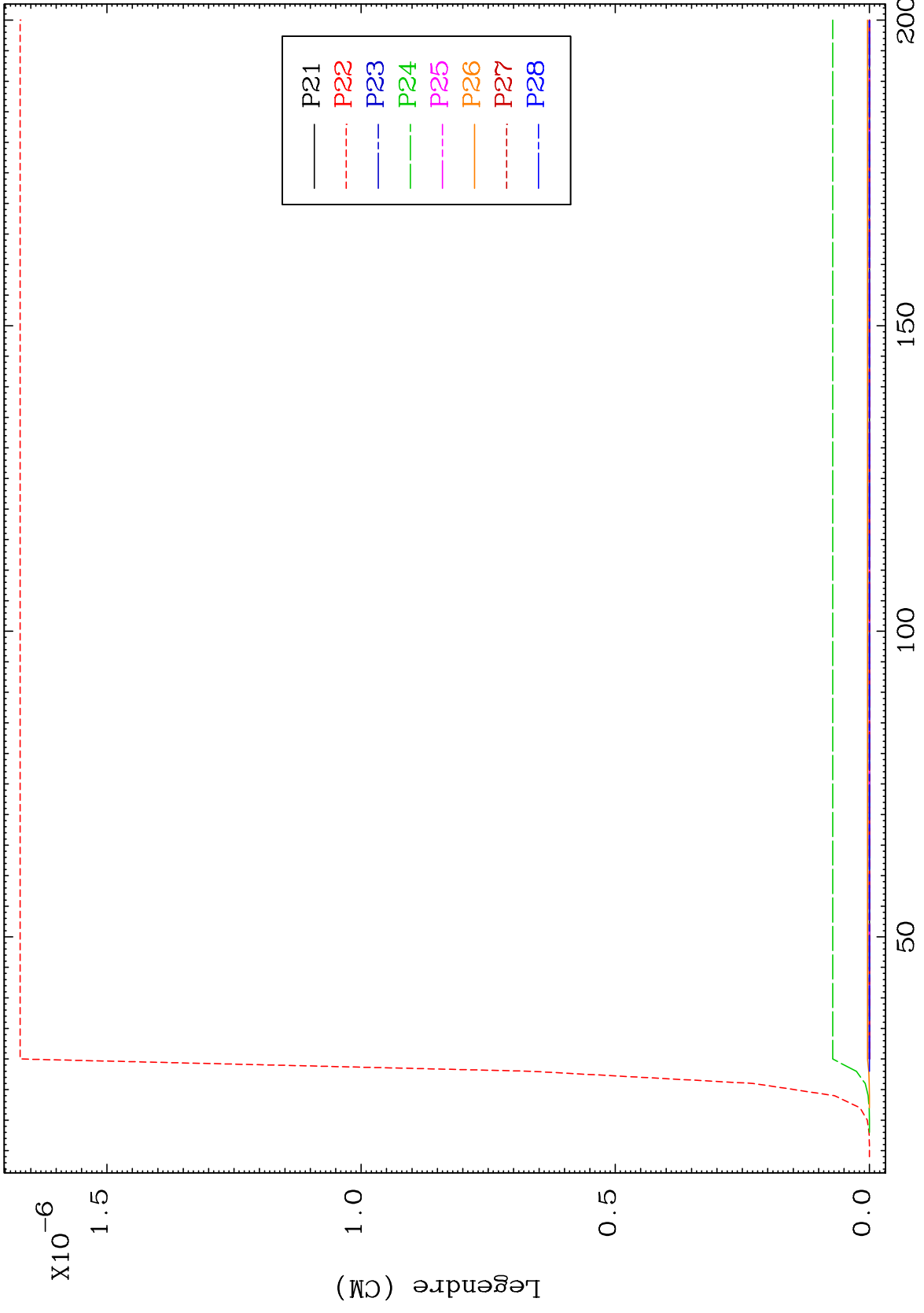


80

Incident Energy (MeV)

88-Ra-210

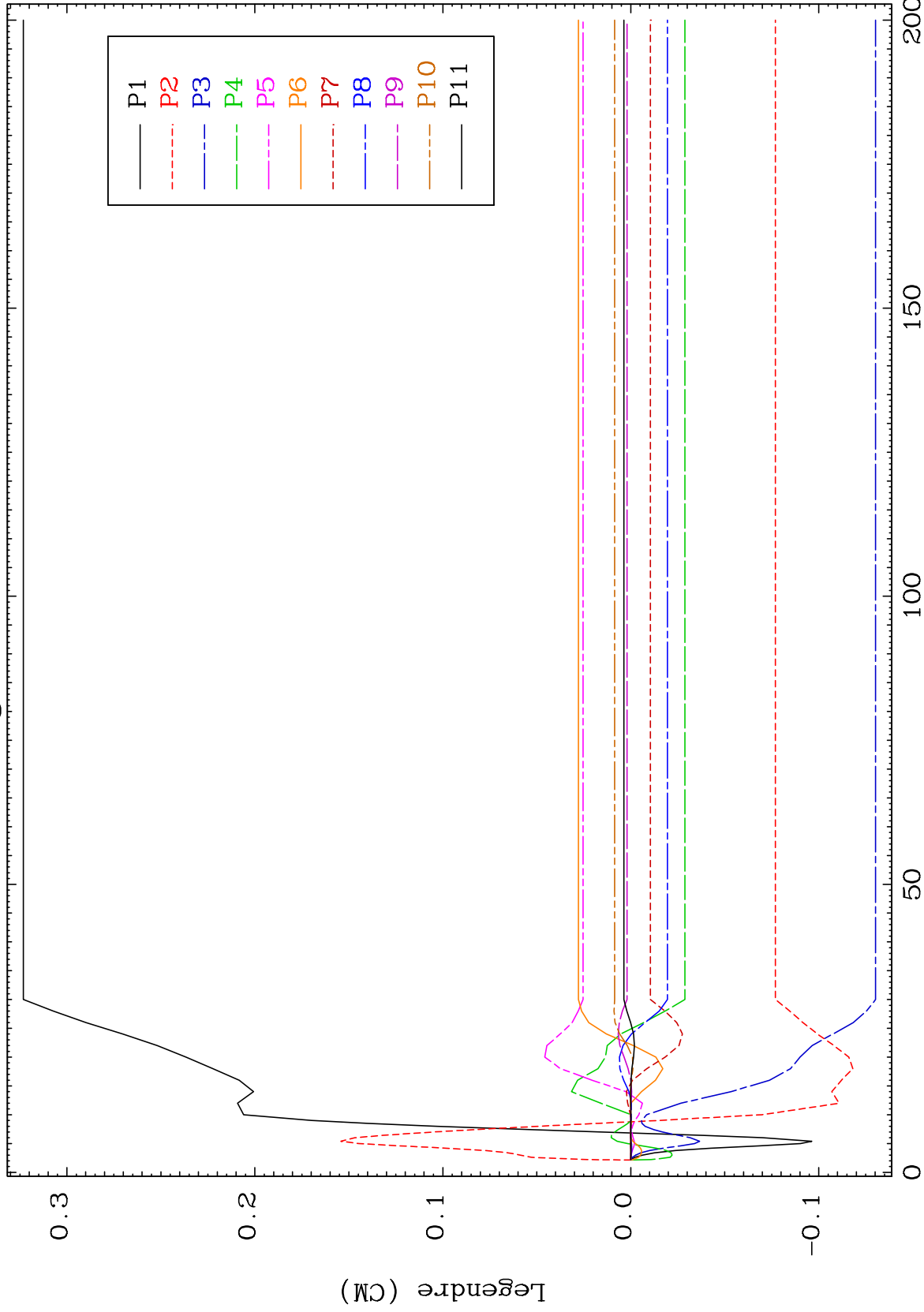
MAT 8786 MT= 69 (n,n') Level Legendre Coefficients 88-Ra-210



MAT 8786

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

88-Ra-210



82

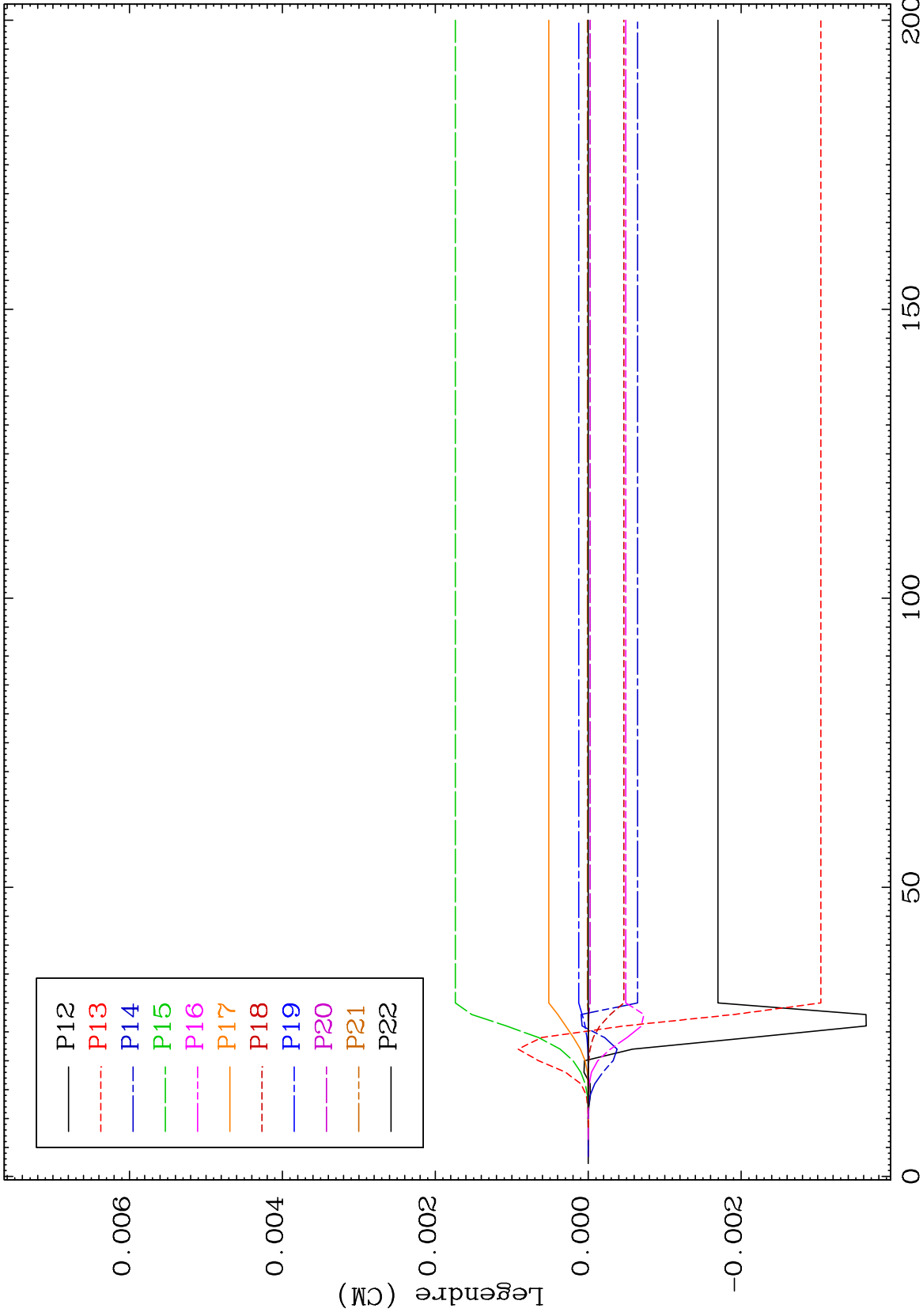
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



83

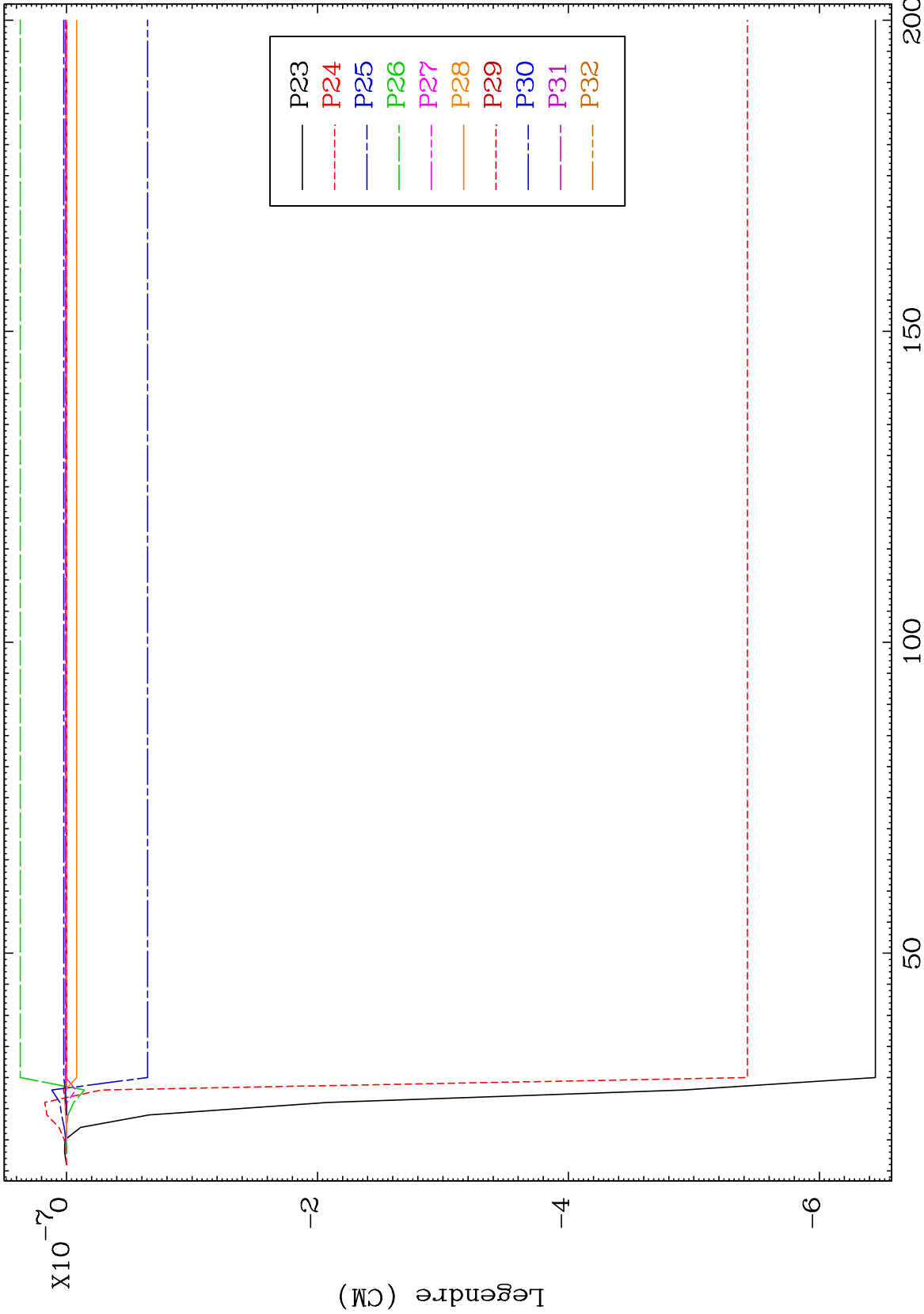
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210

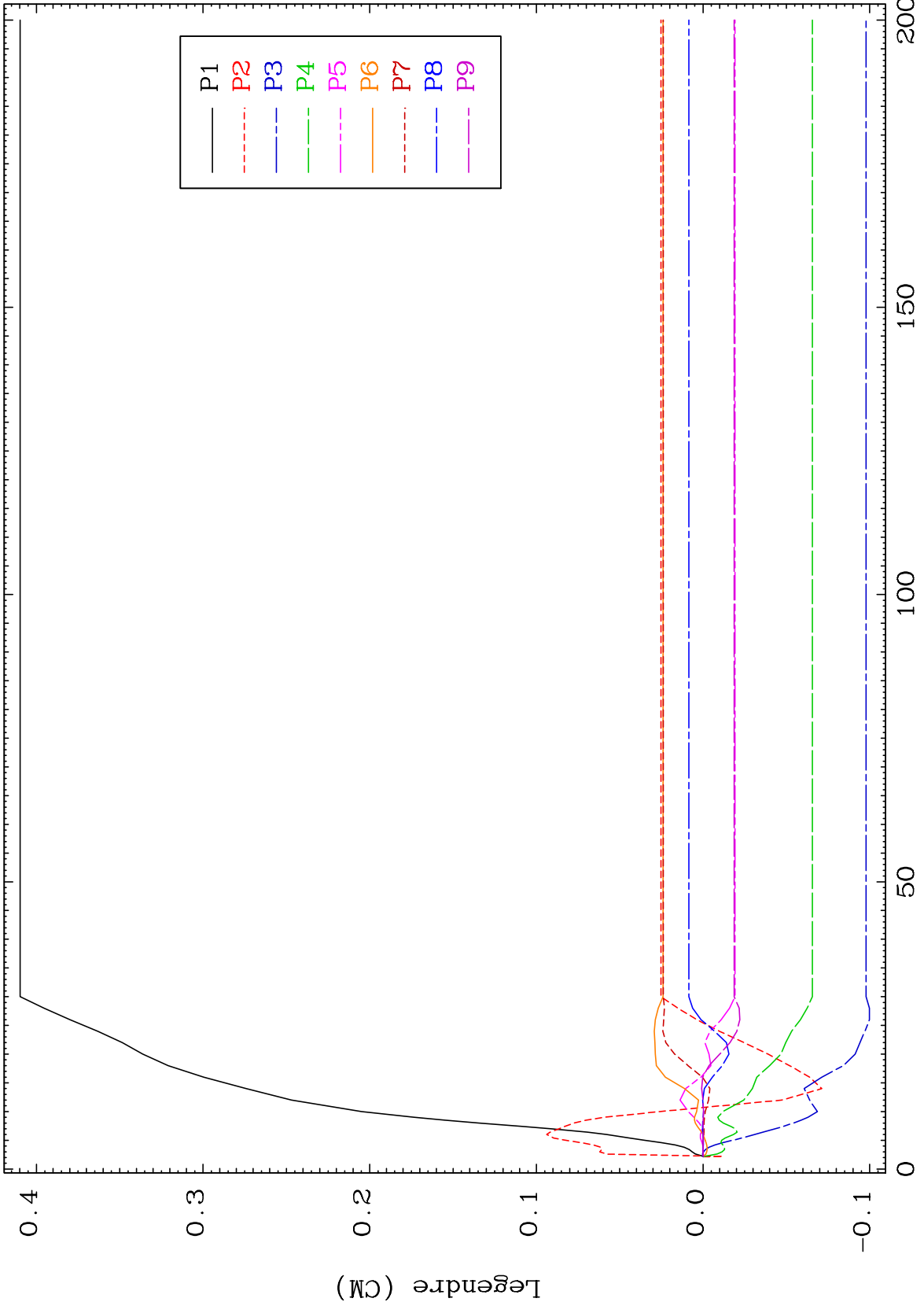


84

Incident Energy (MeV)

88-Ra-210

MAT 8786 MT= 71 (n,n') Level Legendre Coefficients 88-Ra-210

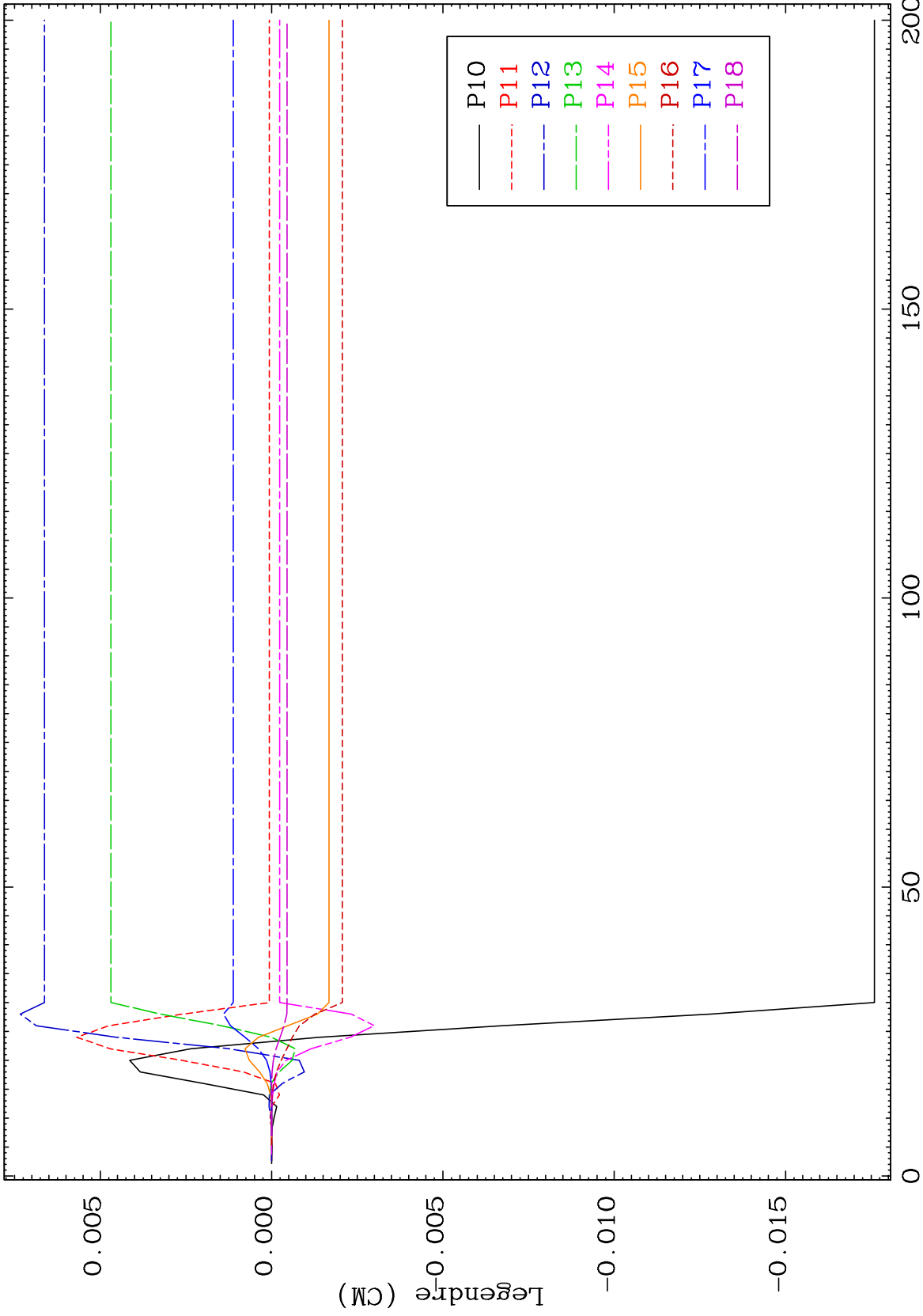


85 88-Ra-210

MAT 8786

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

88-Ra-210



86

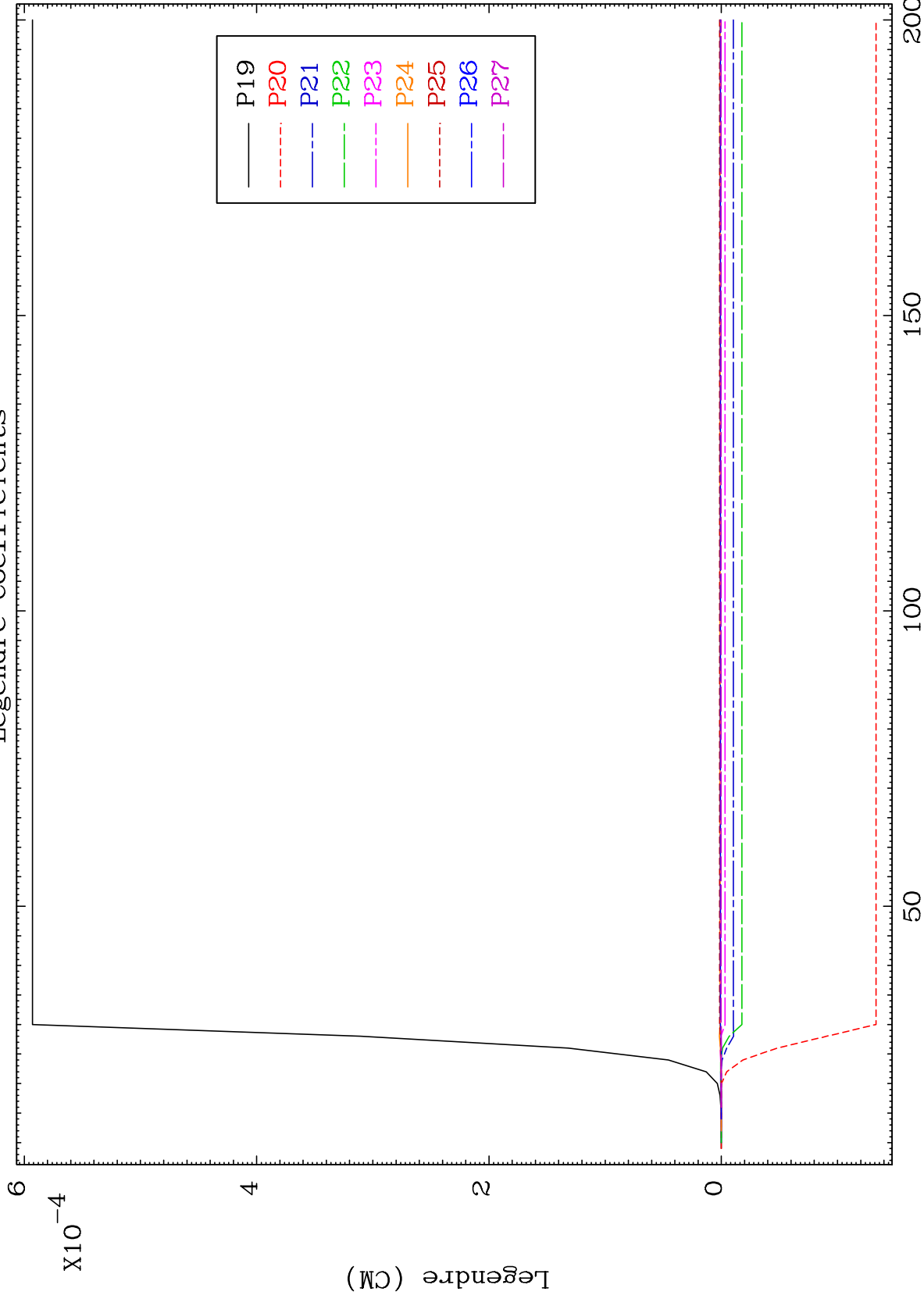
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



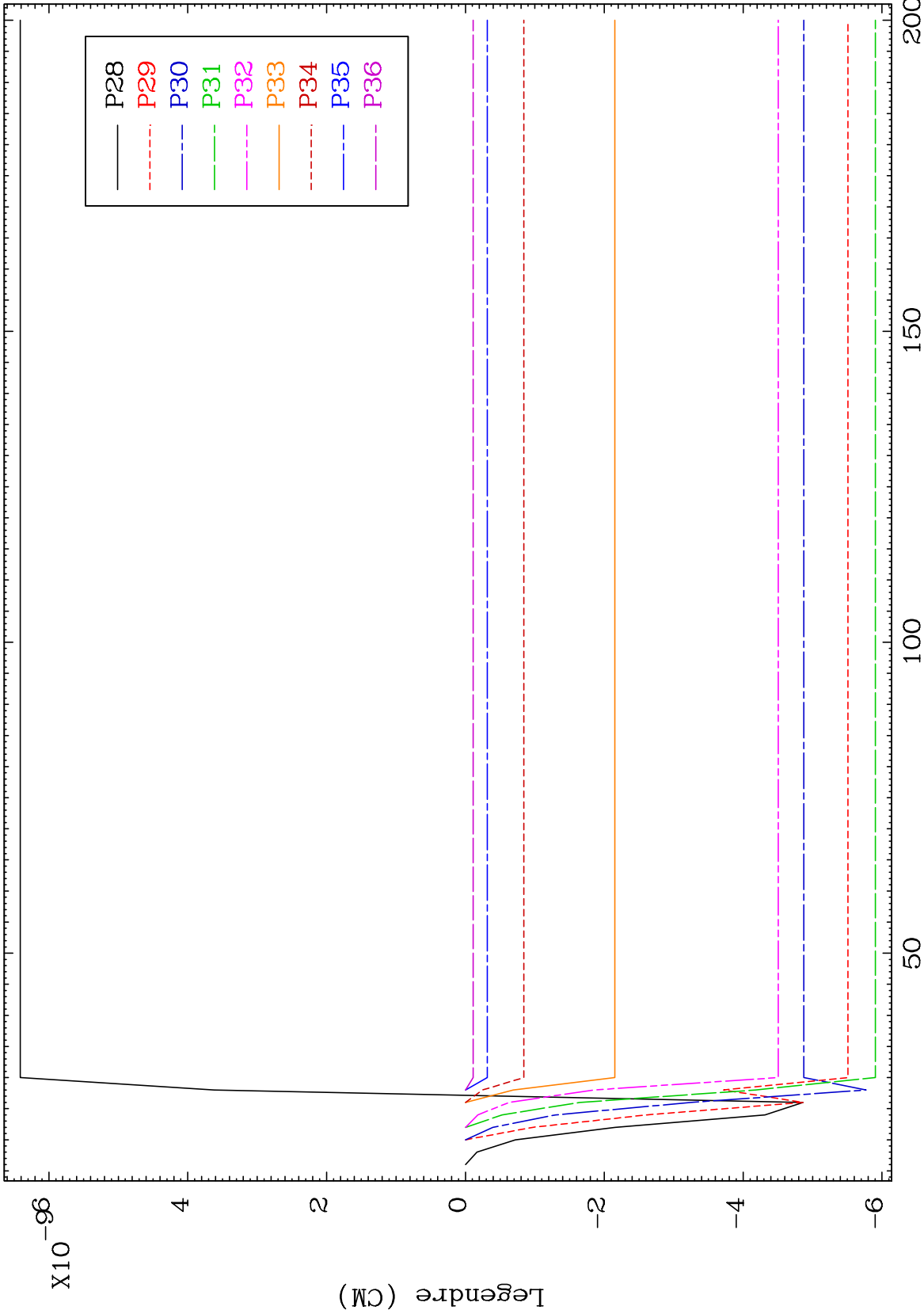
87

88-Ra-210

MAT 8786

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

88-Ra-210



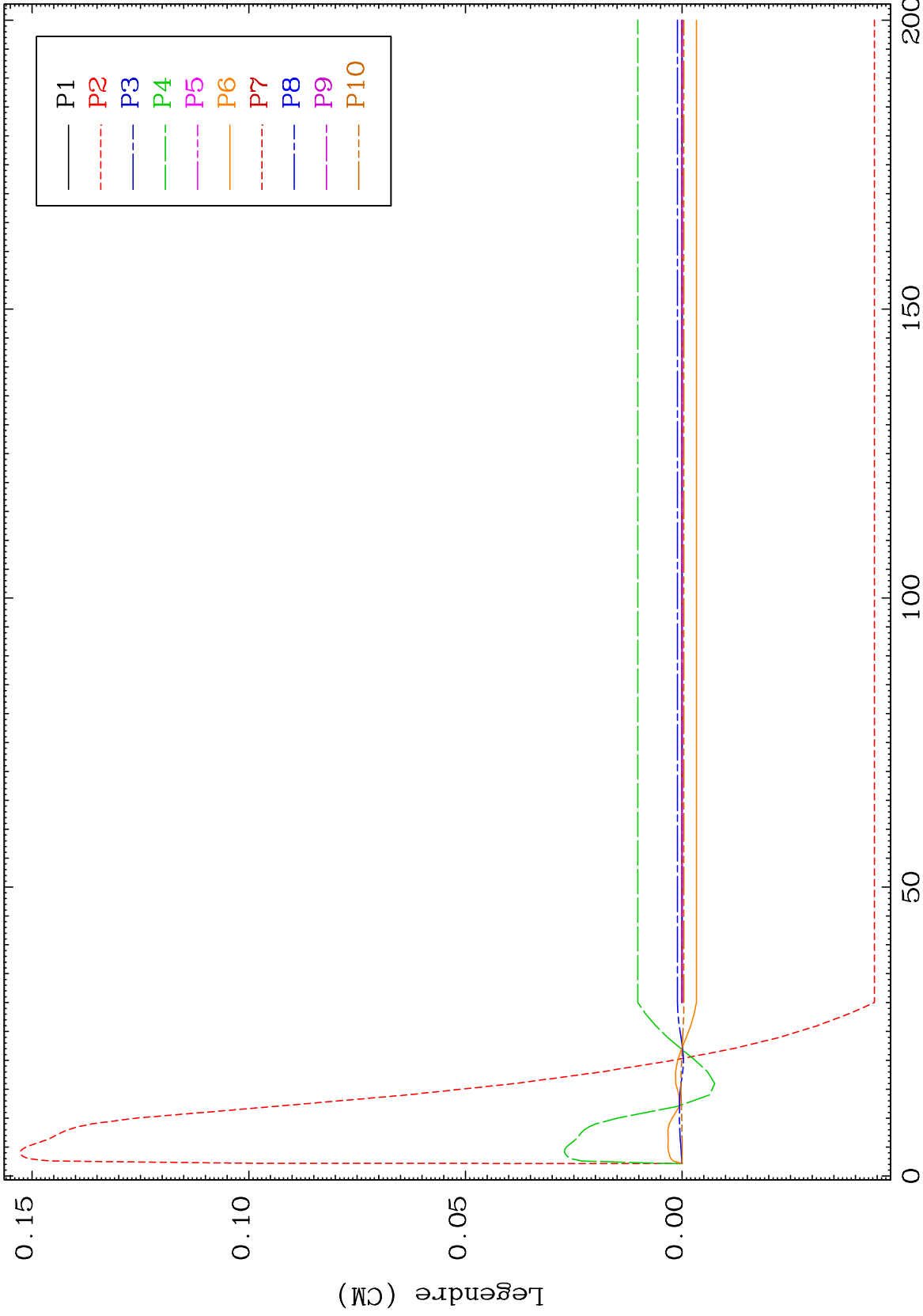
88

88-Ra-210

MAT 8786

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

88-Ra-210



89

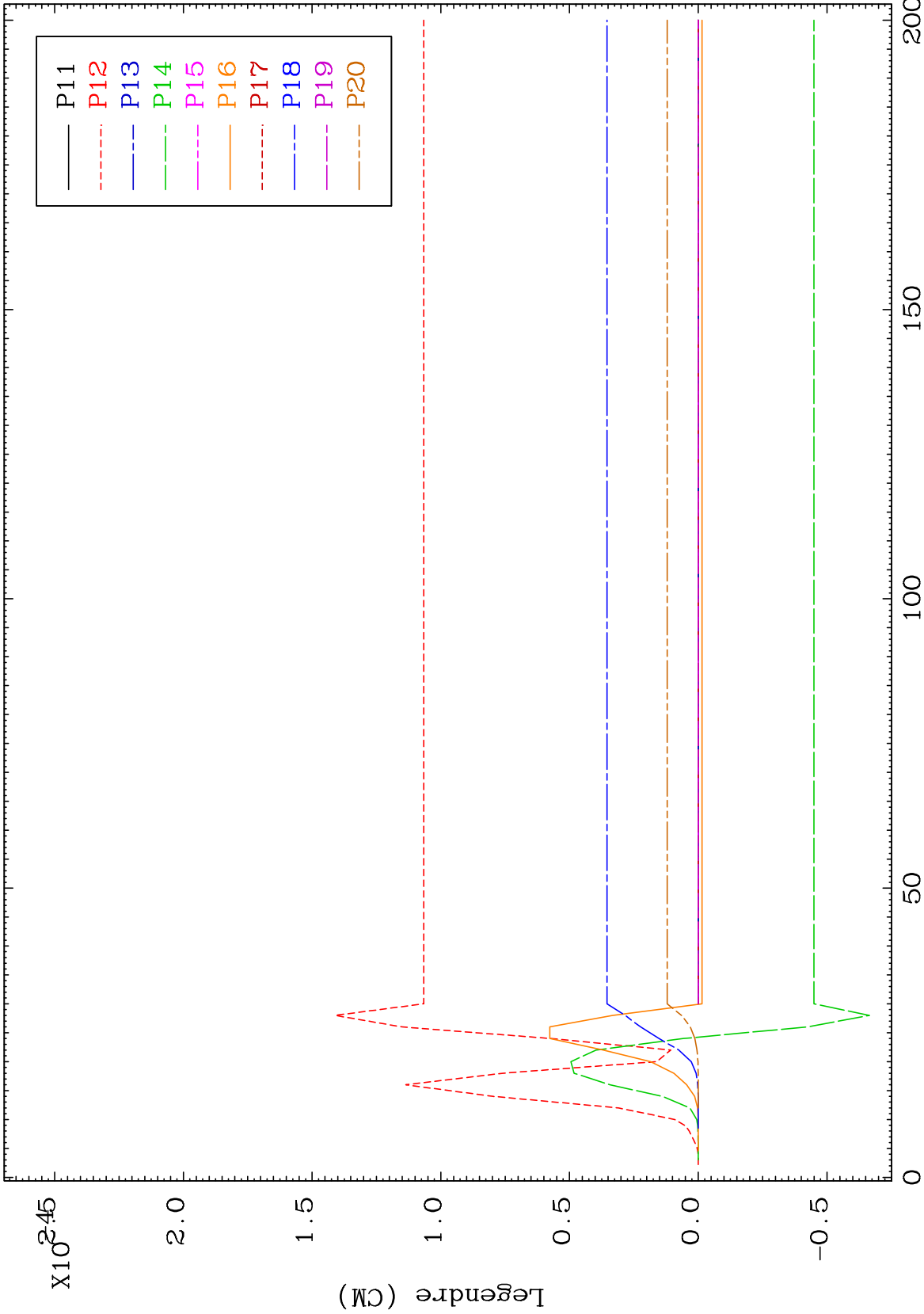
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



90

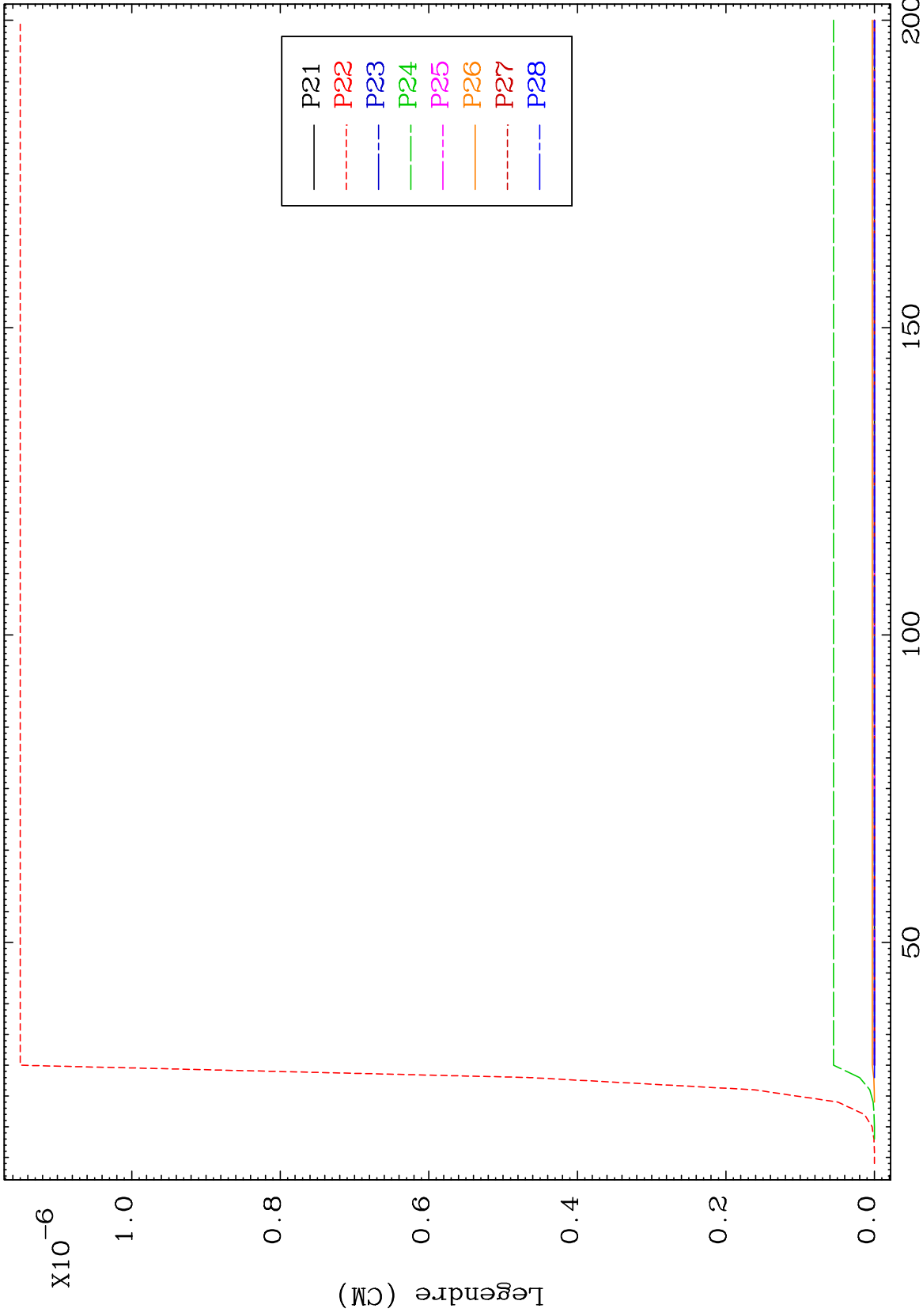
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



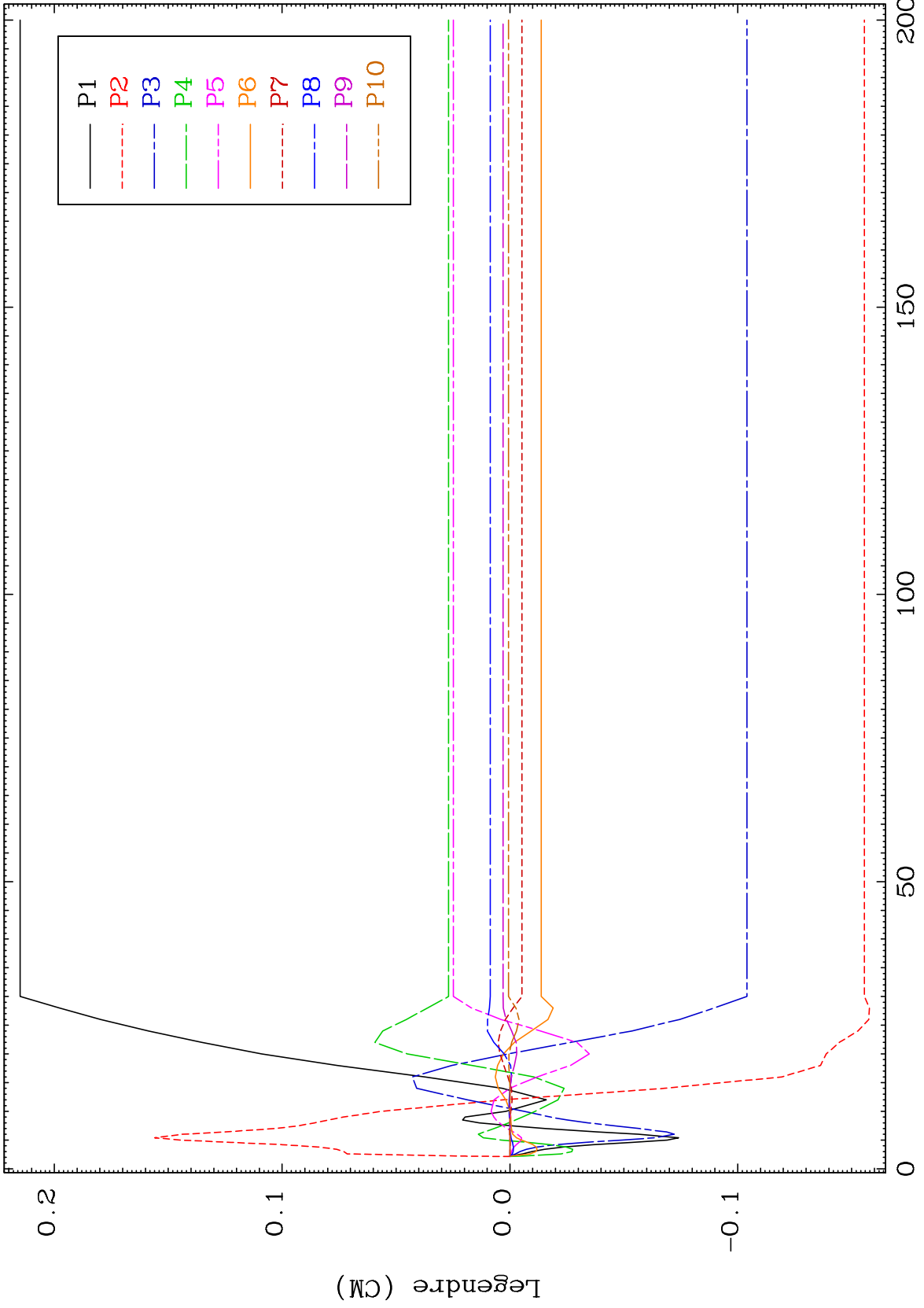
91

88-Ra-210

MAT 8786

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

88-Ra-210

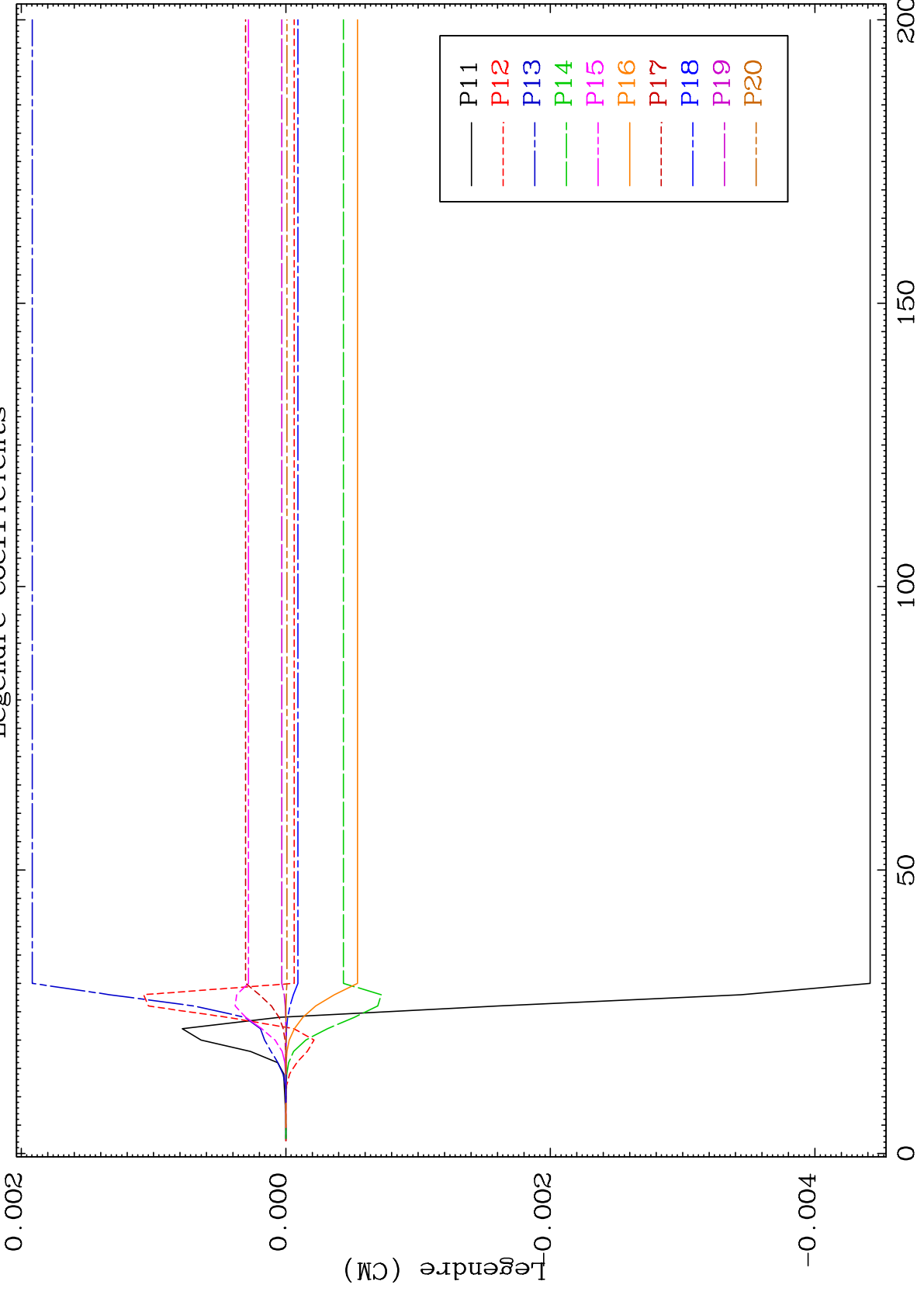


92

Incident Energy (MeV)

88-Ra-210

MAT 8786 MT= 73 (n,n') Level Legendre Coefficients 88-Ra-210

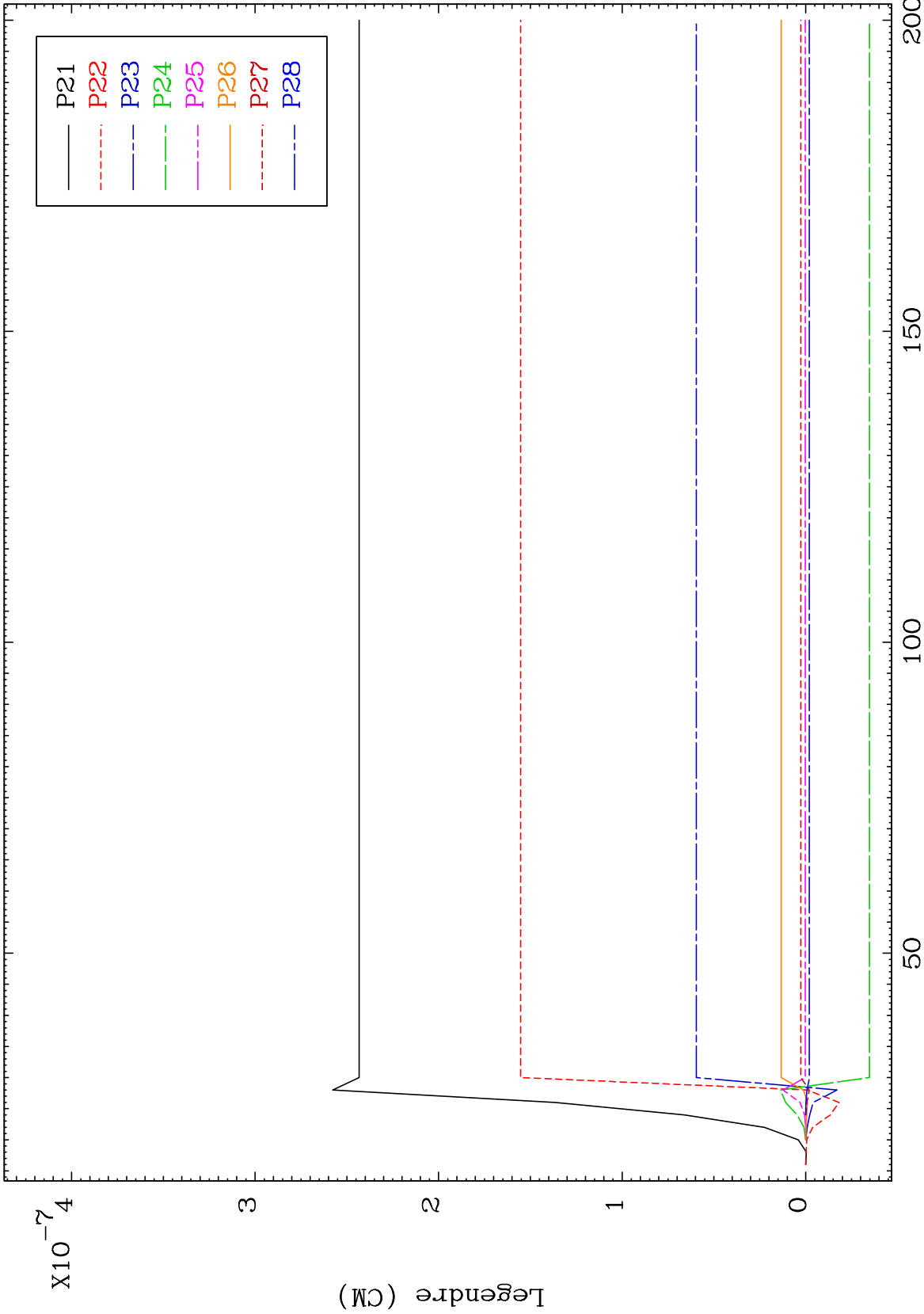


93 88-Ra-210

MAT 8786

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

88-Ra-210



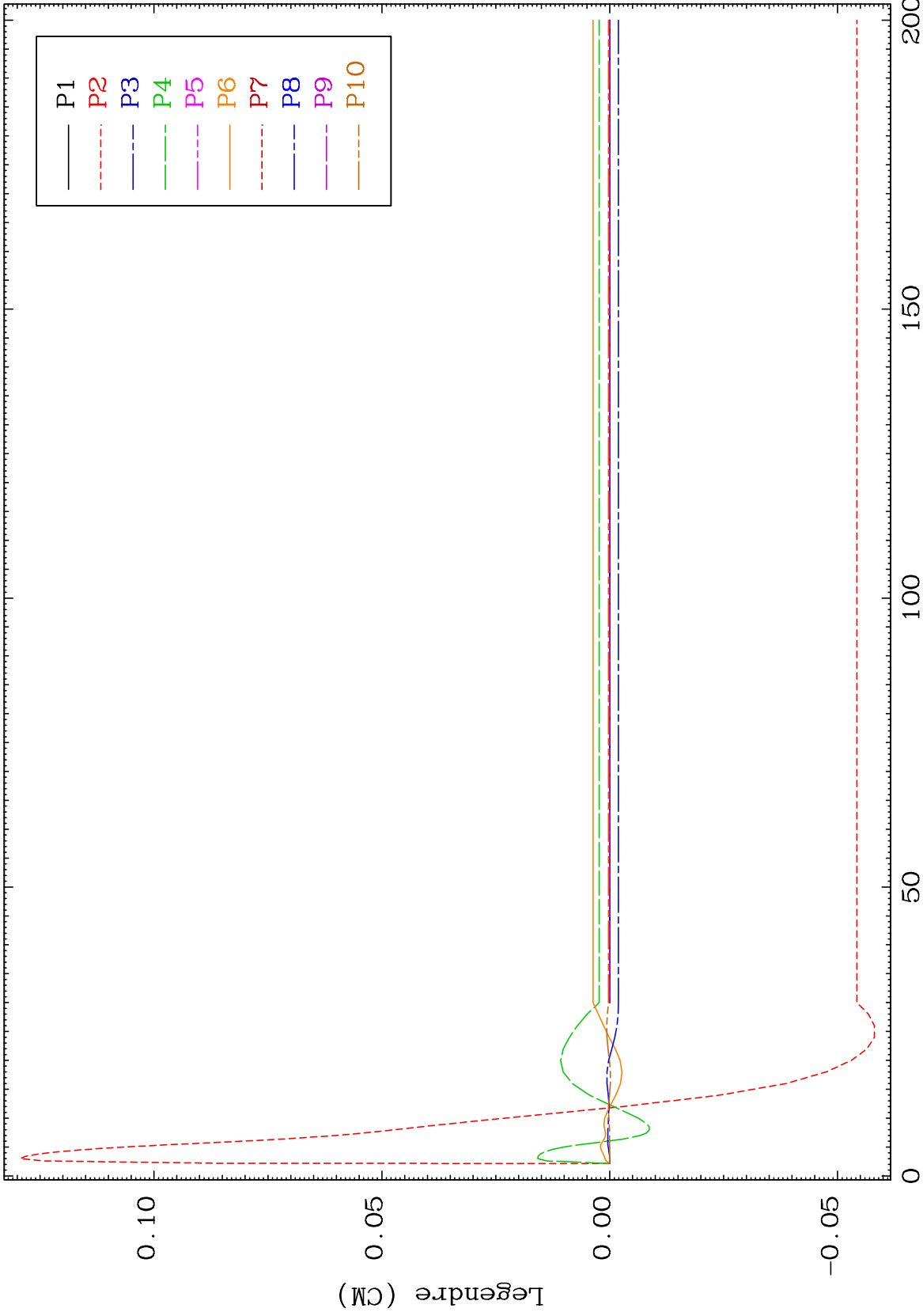
94

88-Ra-210

MAT 8786

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

88-Ra-210



95

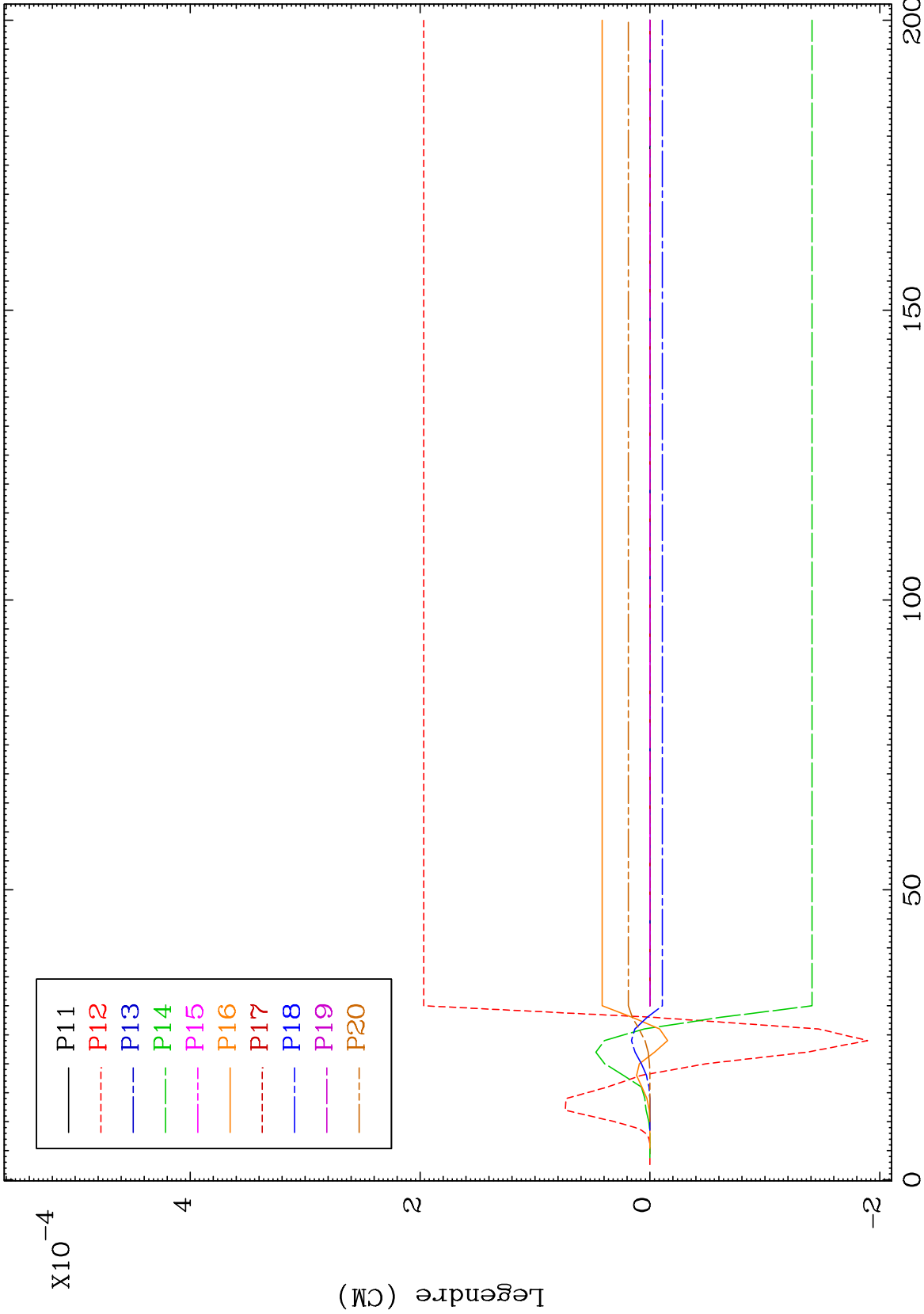
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210

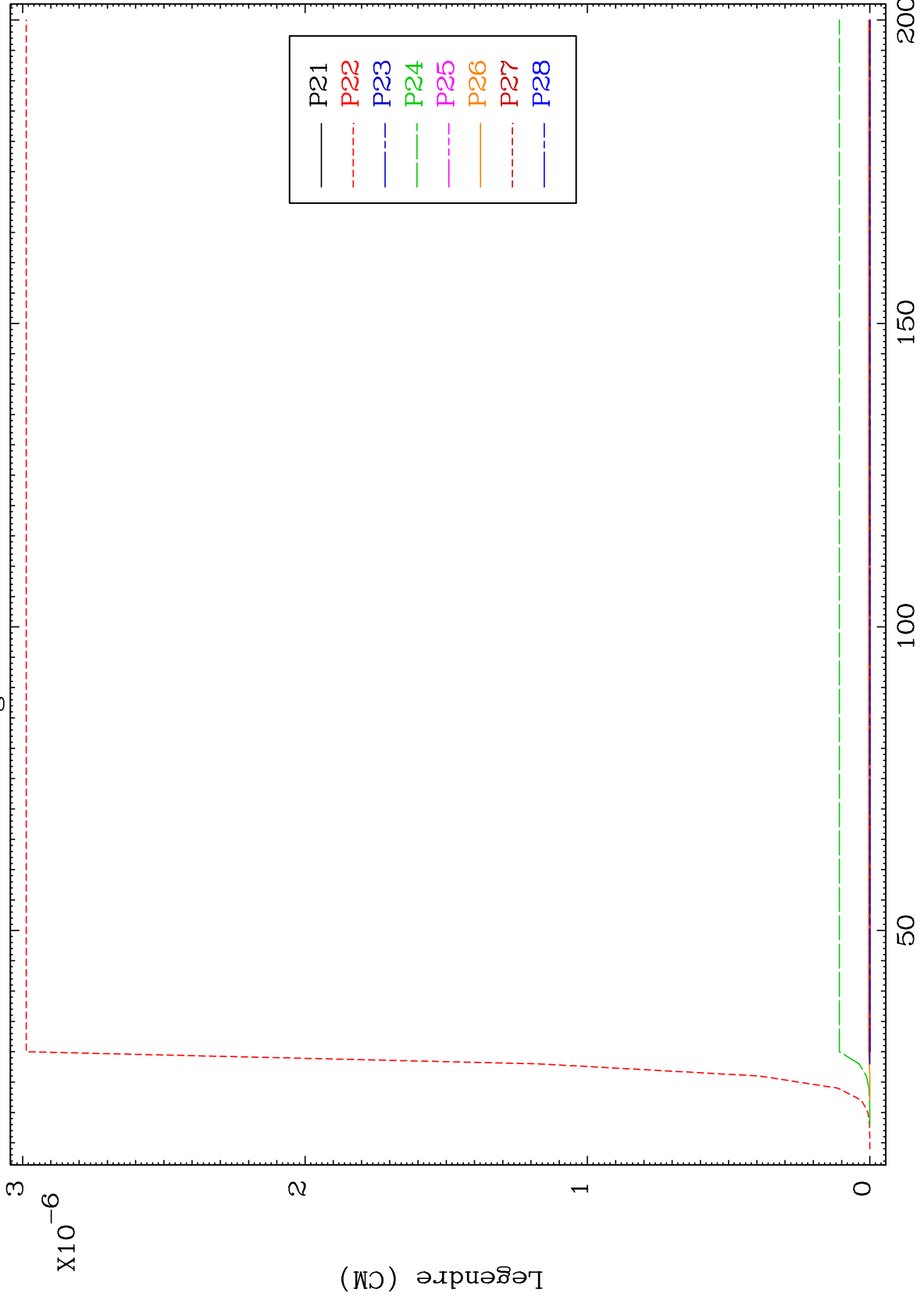


96

Incident Energy (MeV)

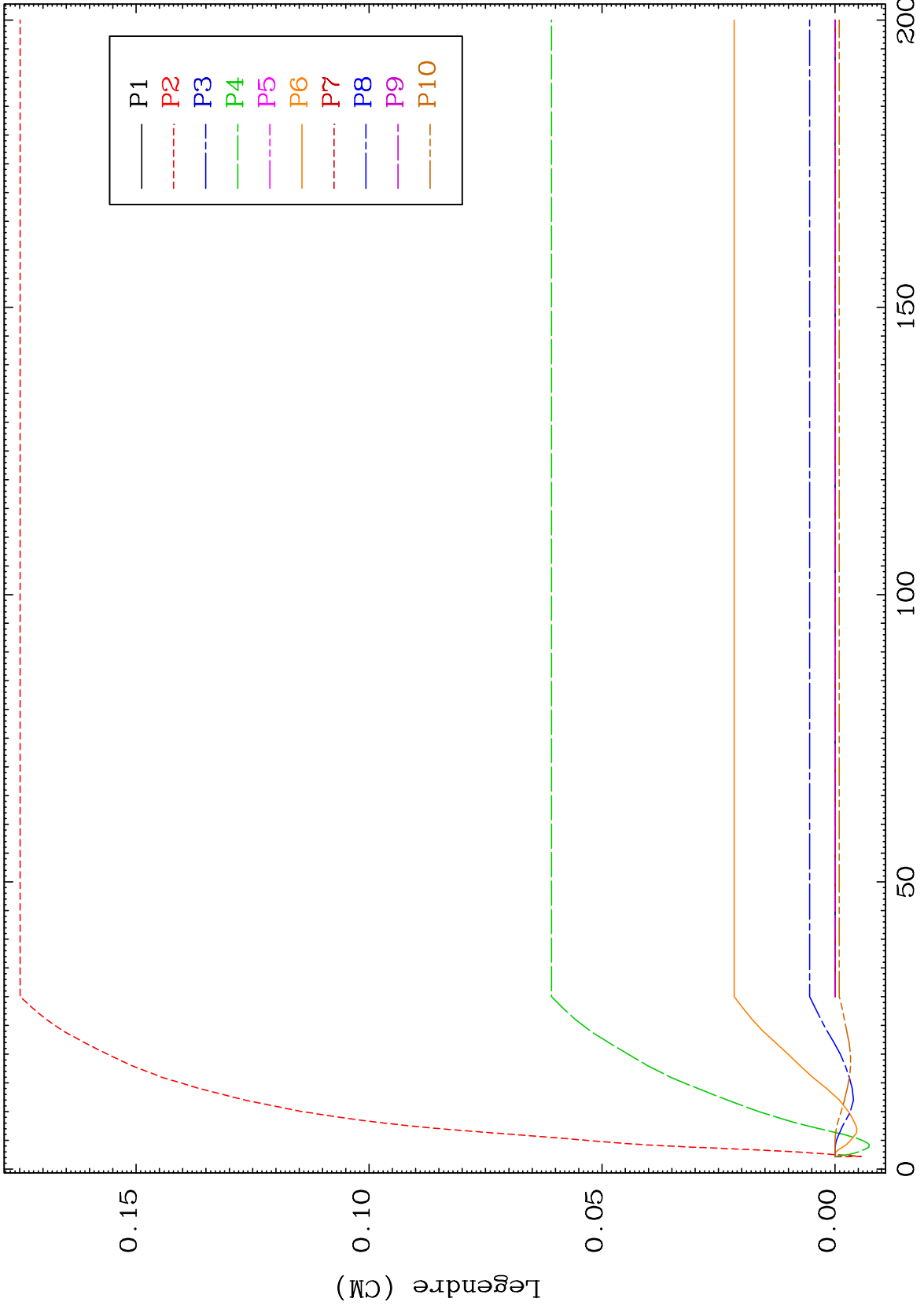
88-Ra-210

MAT 8786 MT= 74 (n,n') Level Legendre Coefficients 88-Ra-210



97 88-Ra-210

MAT 8786 MT= 75 (n,n') Level Legendre Coefficients 88-Ra-210

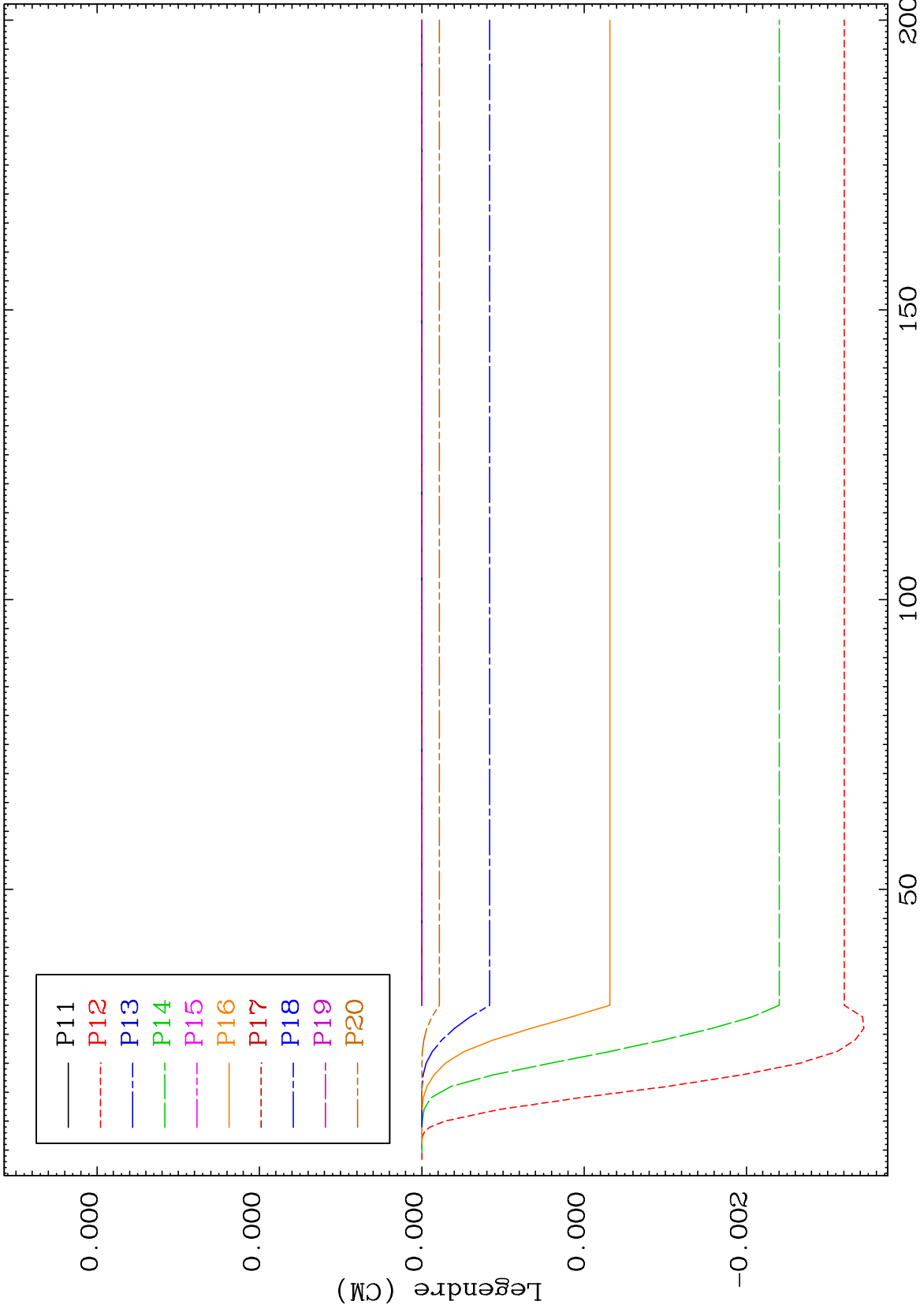


98 Incident Energy (MeV) 88-Ra-210

MAT 8786

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

88-Ra-210



99

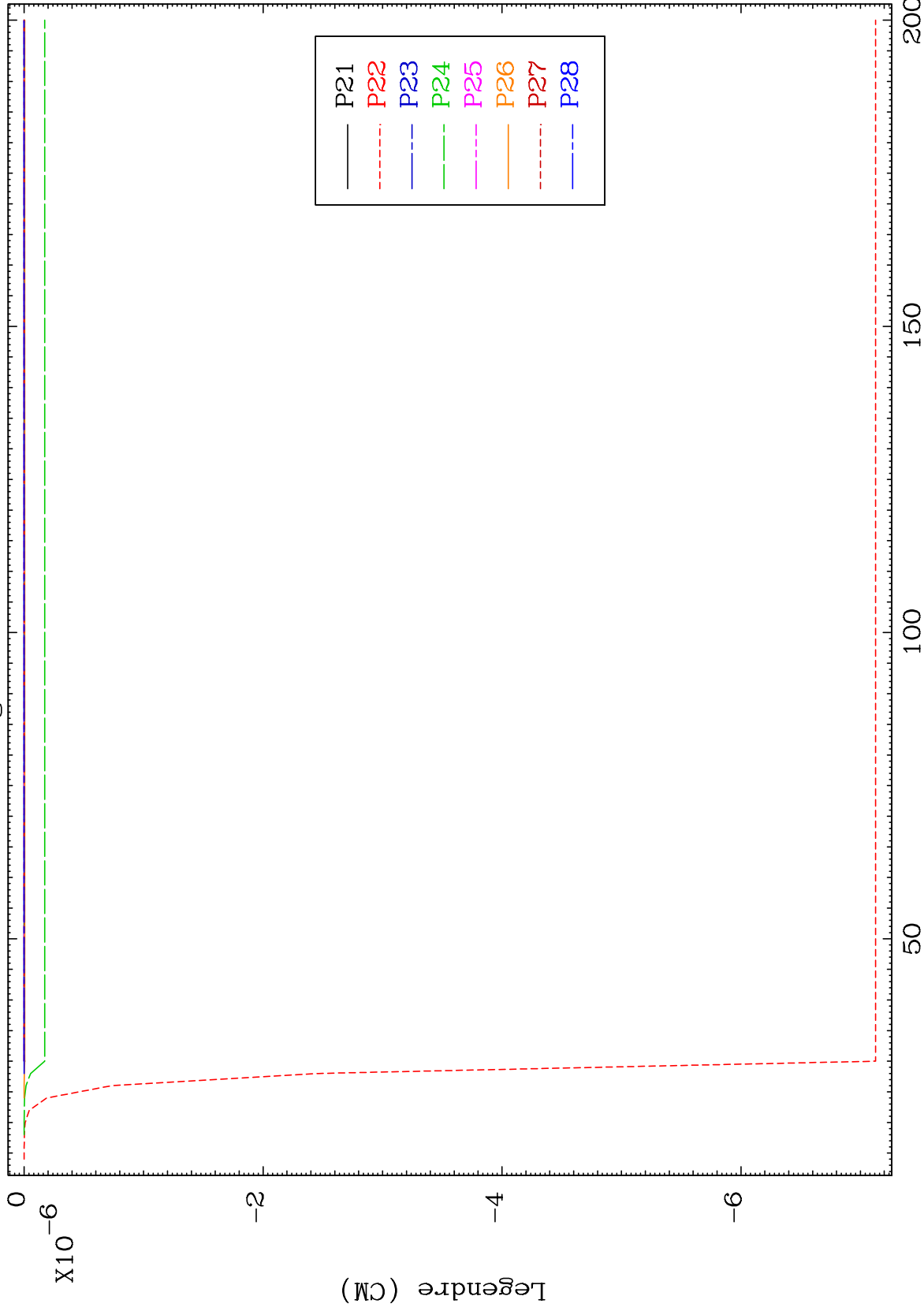
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88-Ra-210

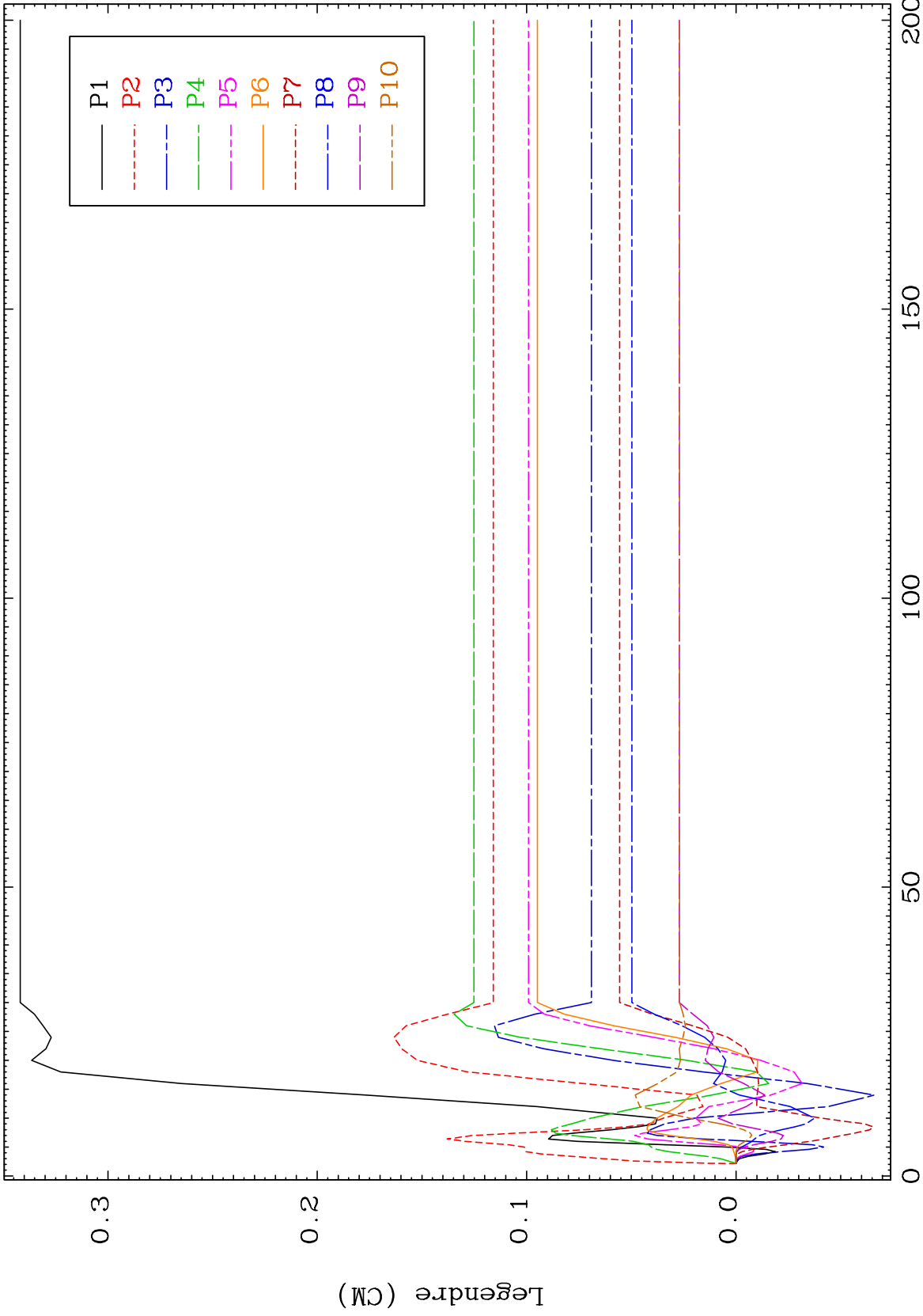
Incident Energy (MeV)

100

MAT 8786

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

88-Ra-210



101

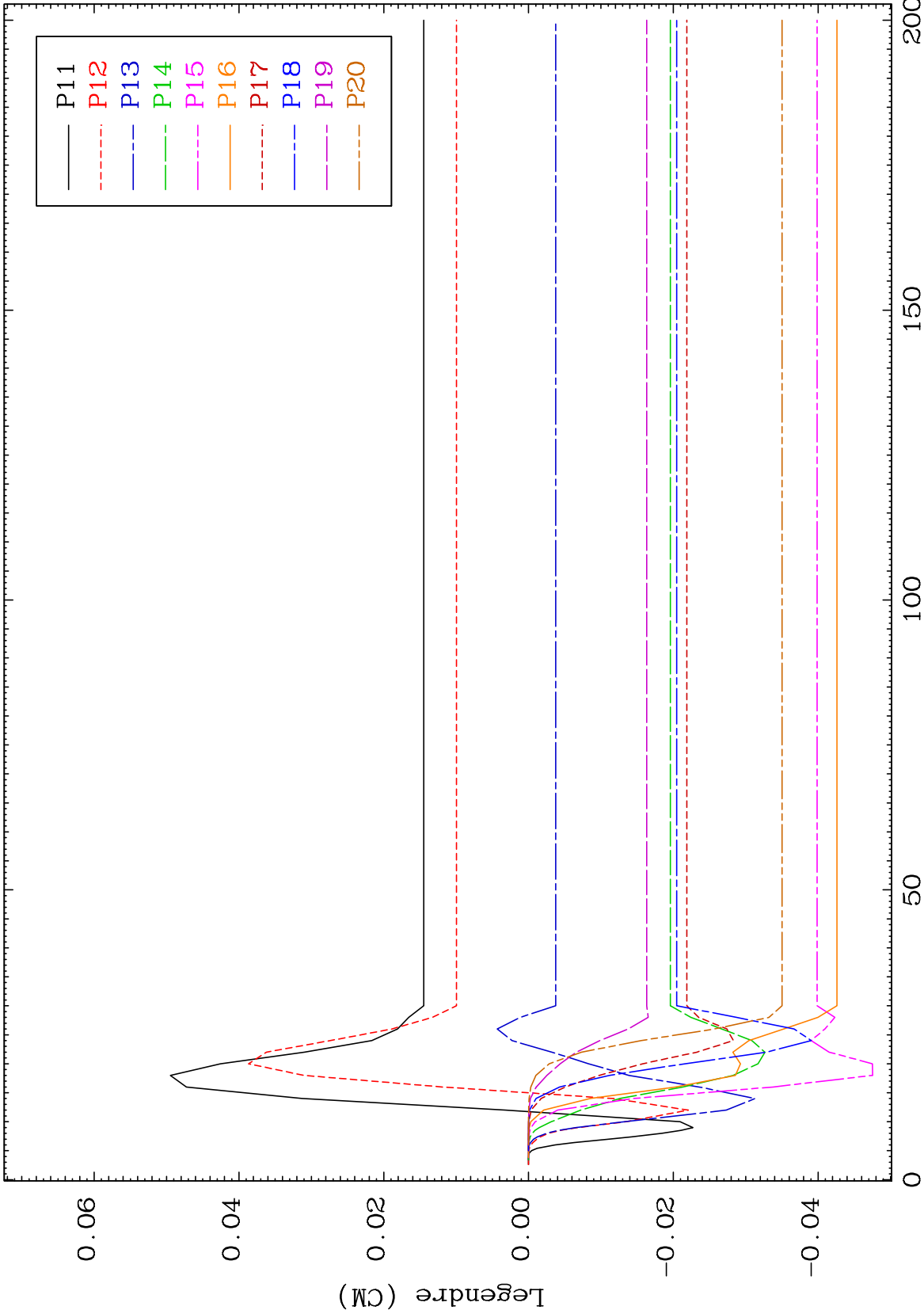
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



102

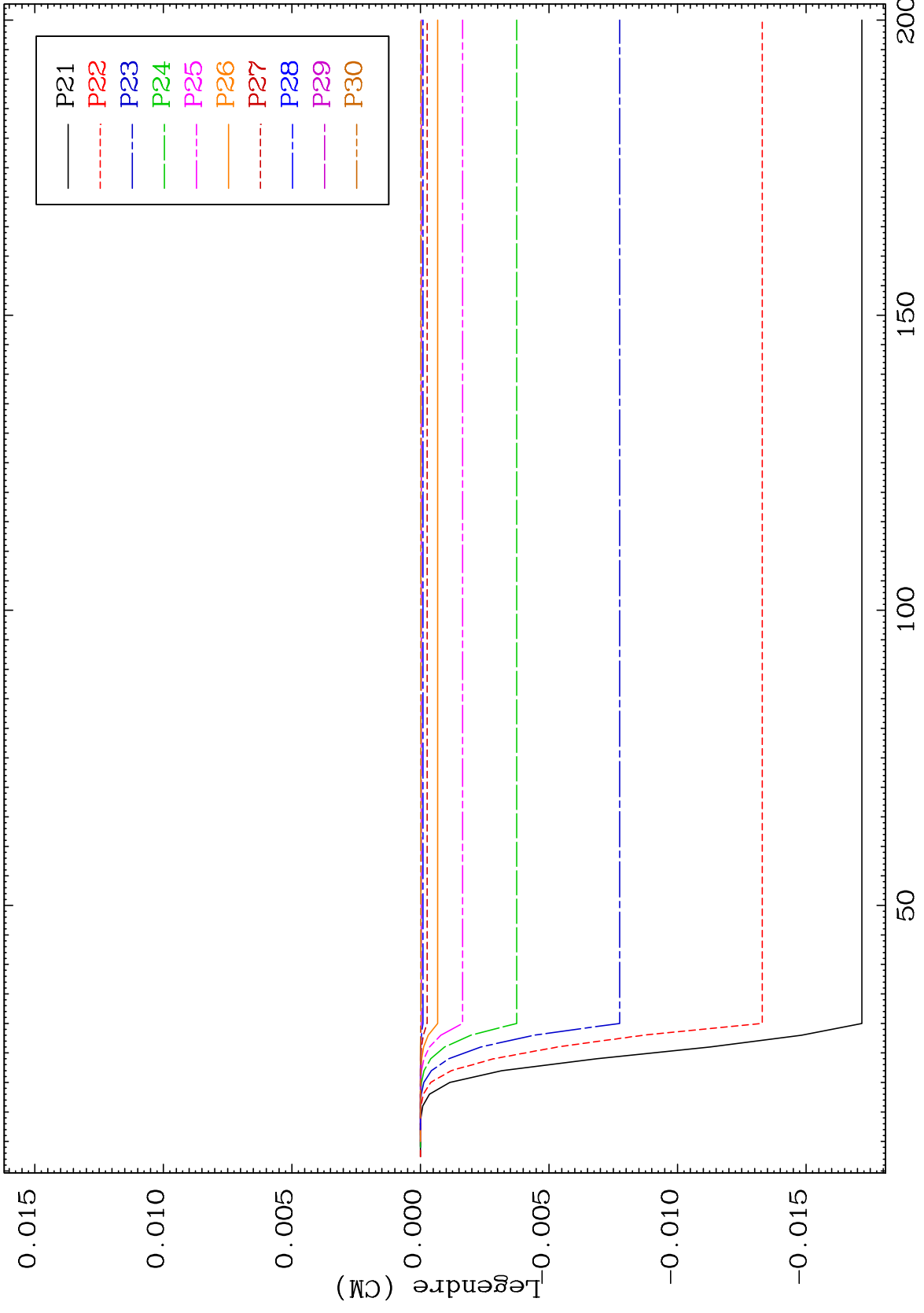
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210

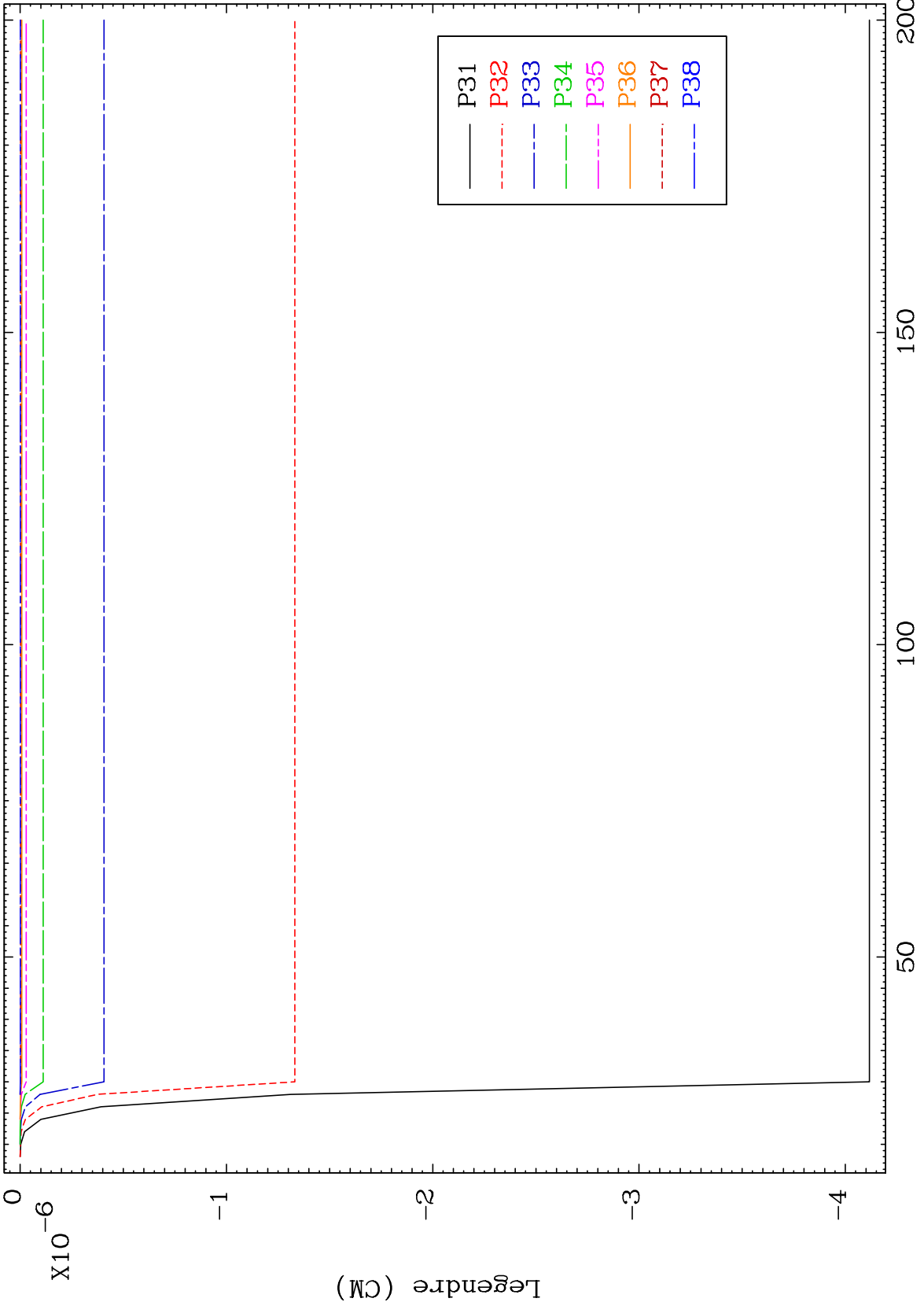


103

Incident Energy (MeV)

88-Ra-210

MAT 8786 MT= 76 (n,n') Level Legendre Coefficients 88-Ra-210

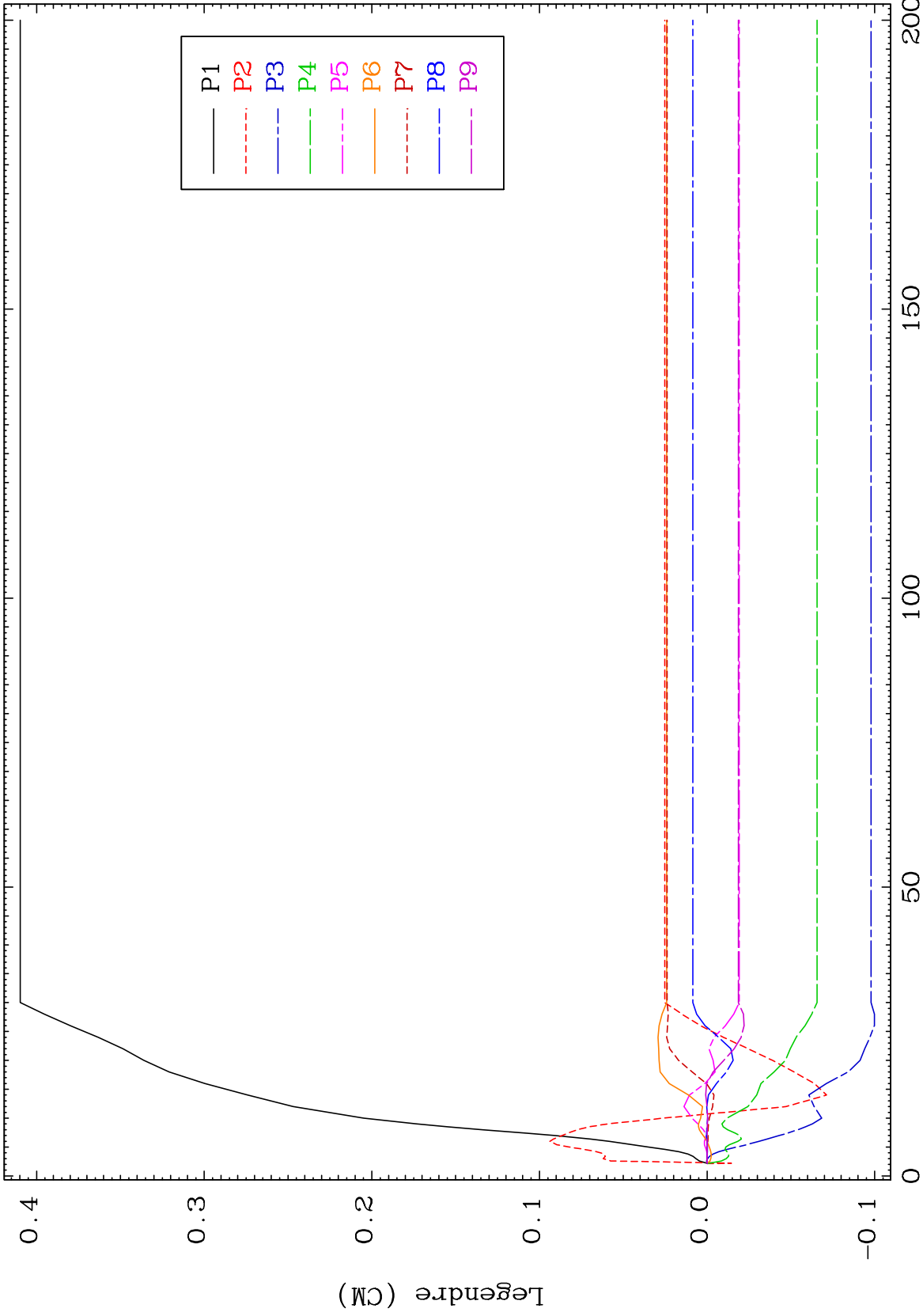


104 Incident Energy (MeV) 88-Ra-210

MAT 8786

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

88-Ra-210



105

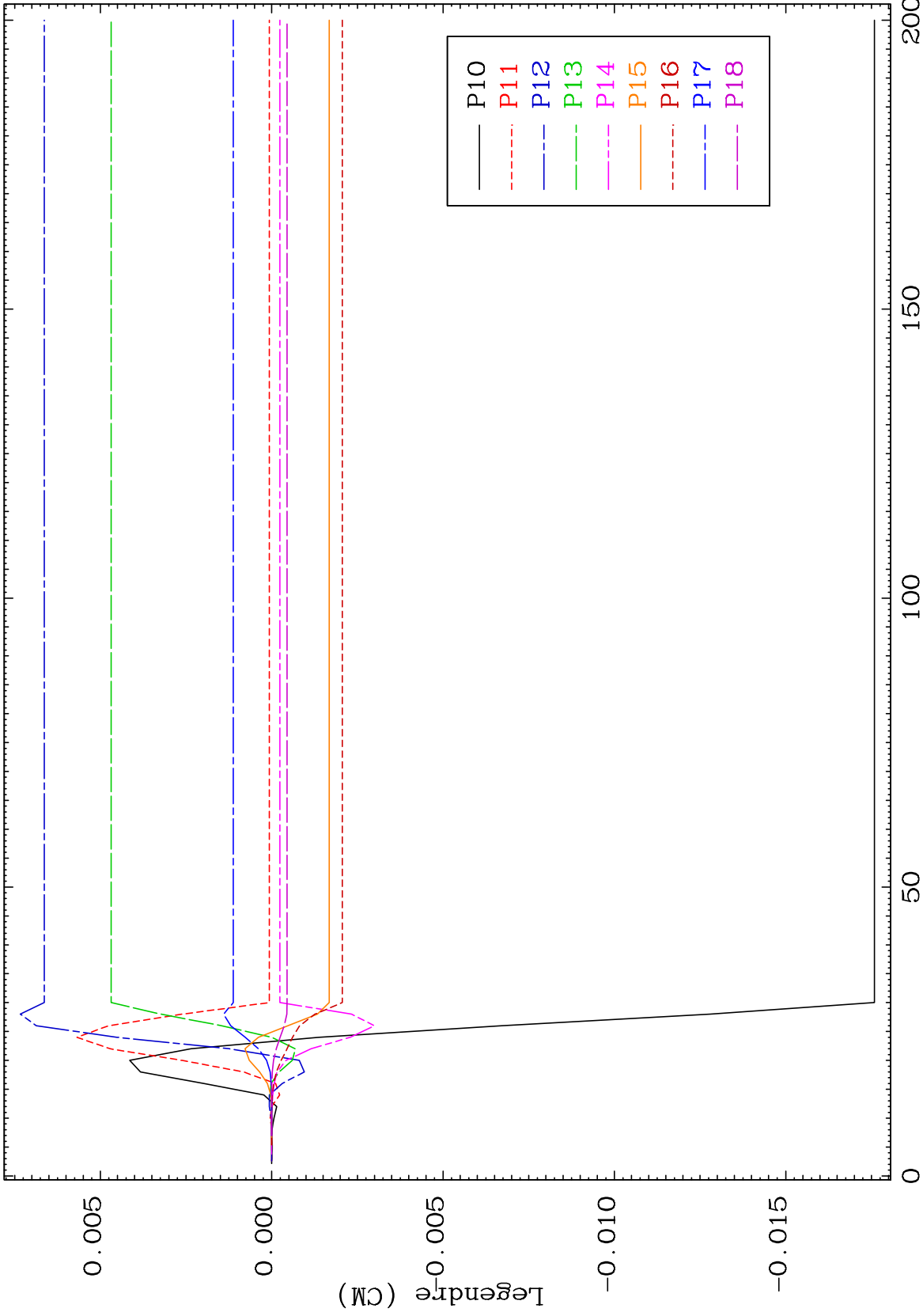
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



106

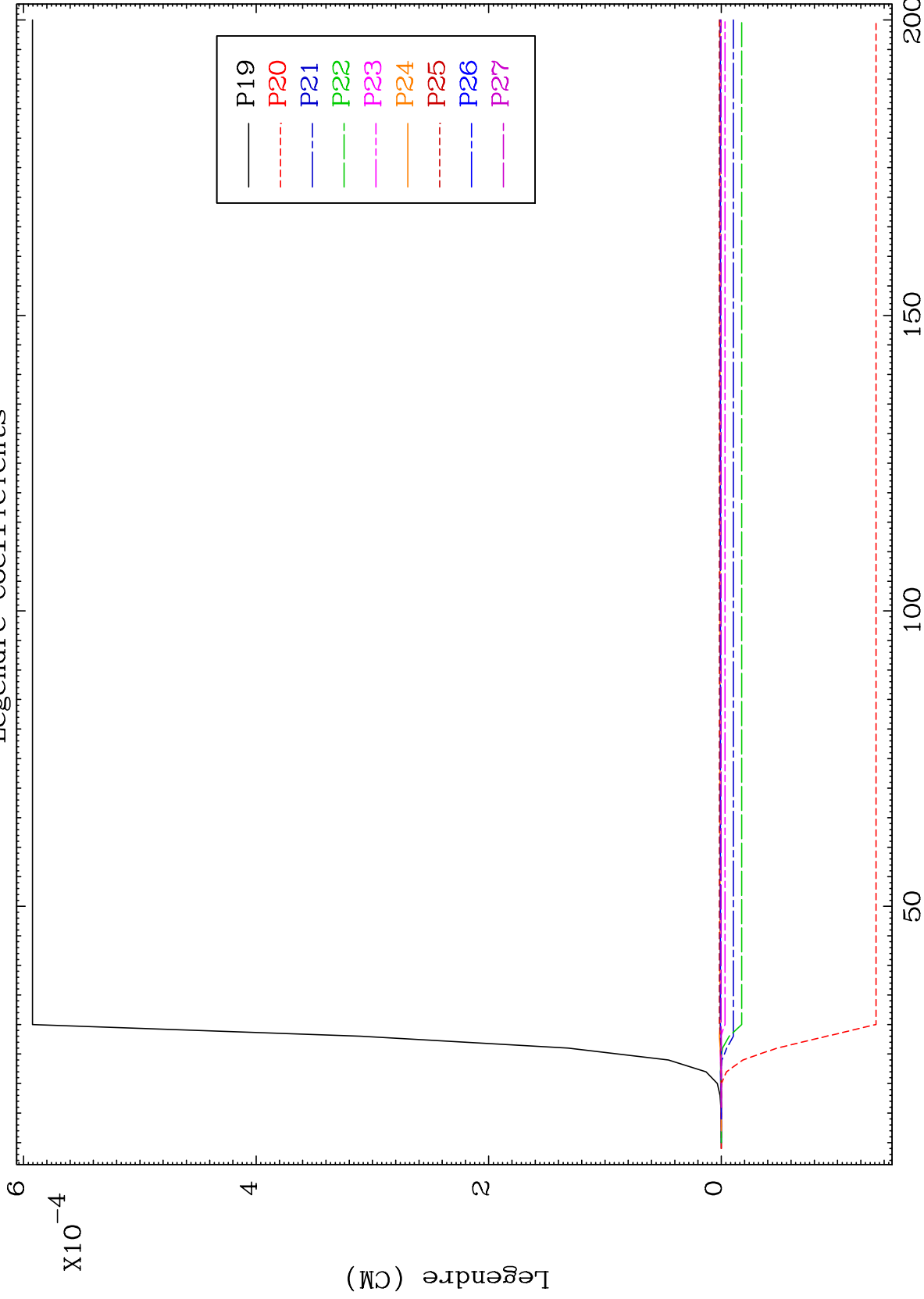
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



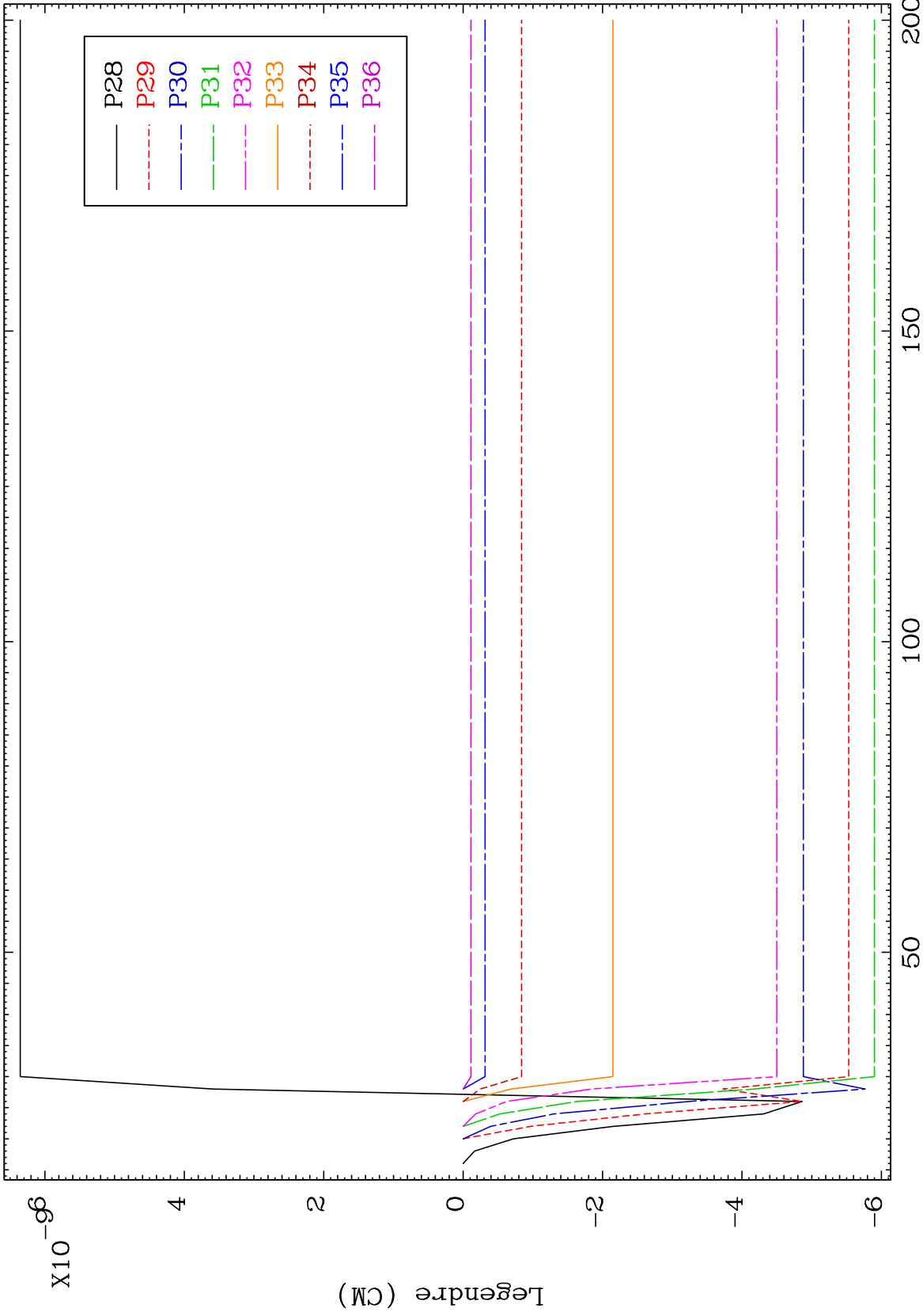
107

88-Ra-210

MAT 8786

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

88-Ra-210



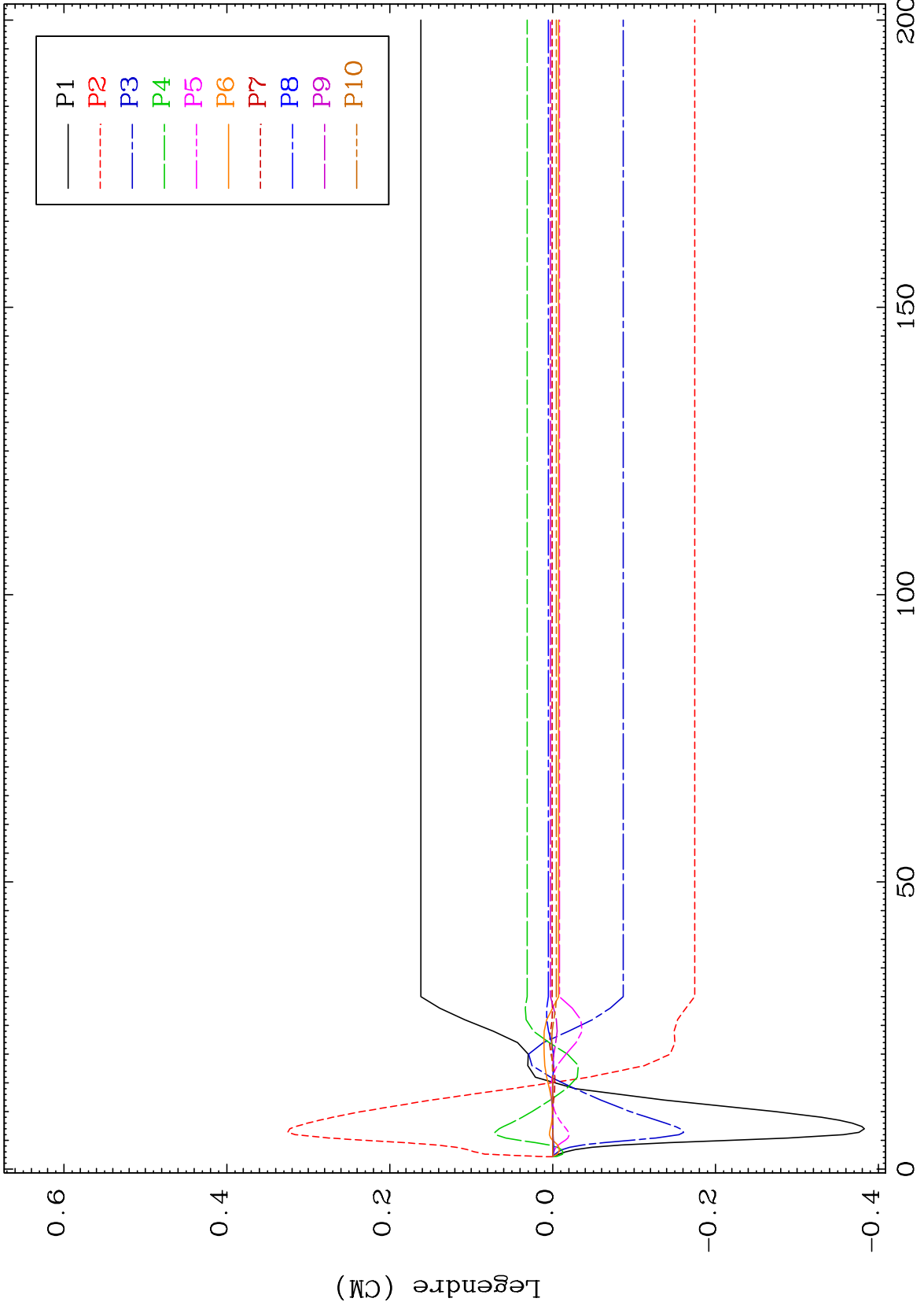
108

88-Ra-210

MAT 8786

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

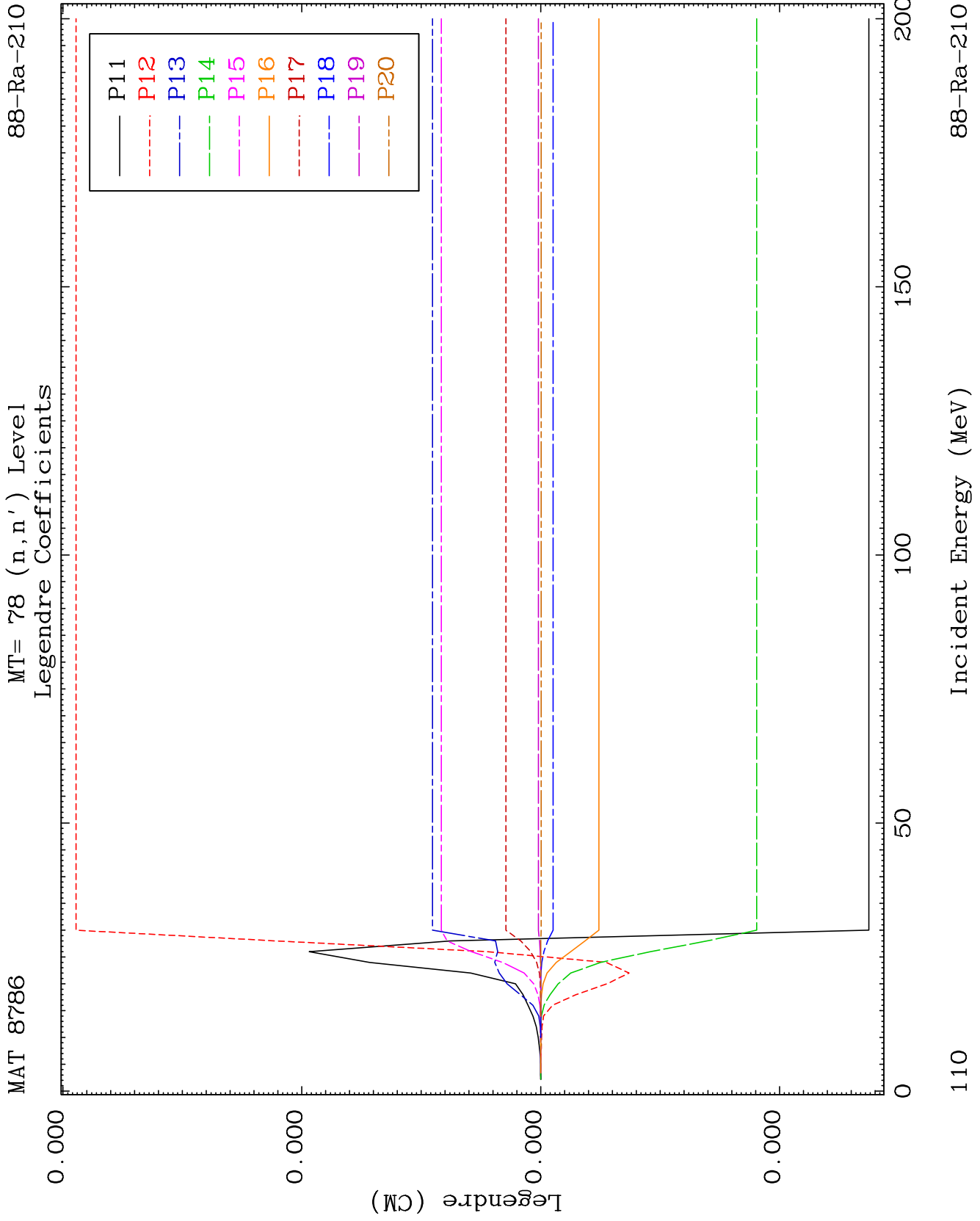
88-Ra-210



88-Ra-210

Incident Energy (MeV)

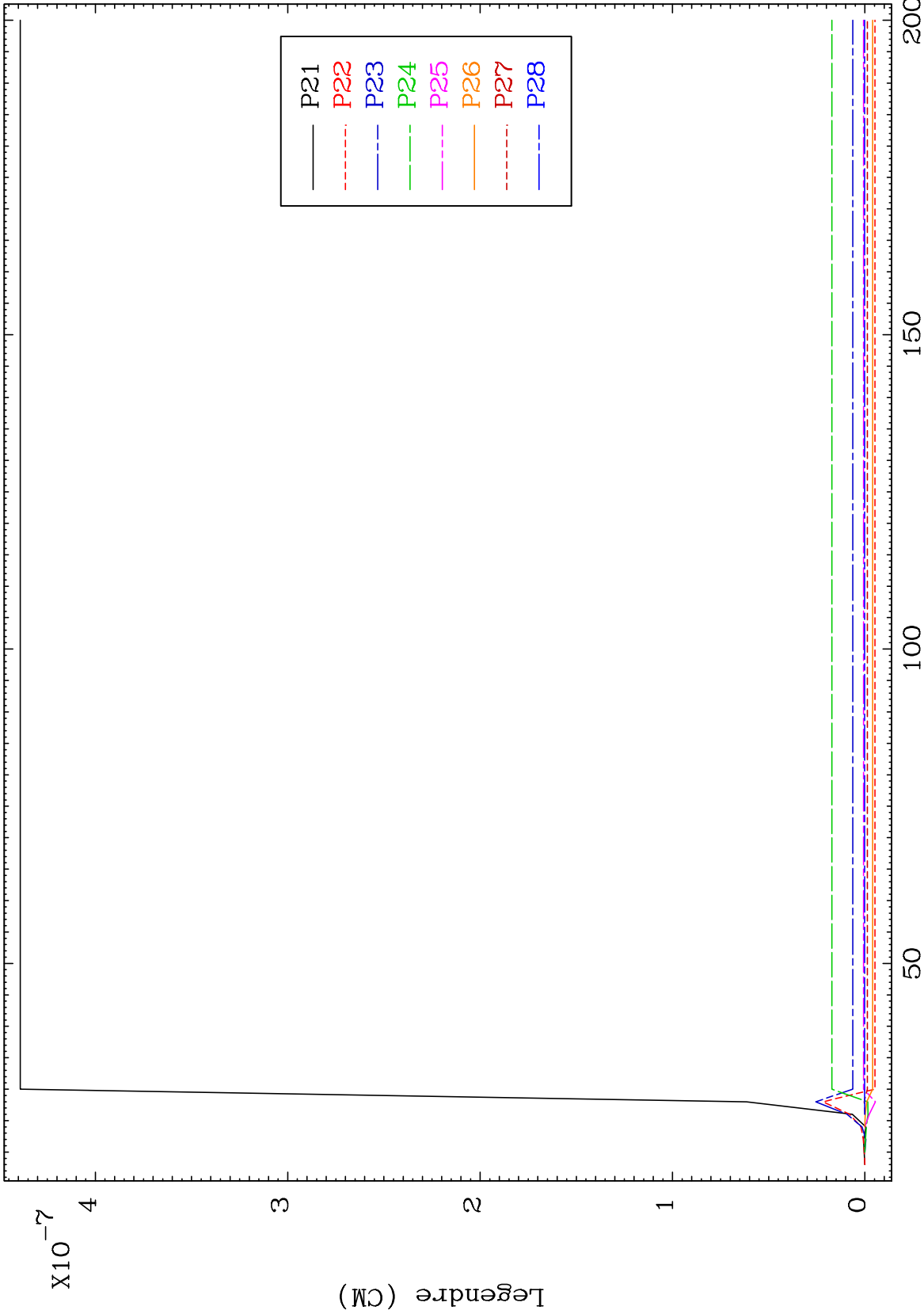
109



MAT 8786

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

88-Ra-210

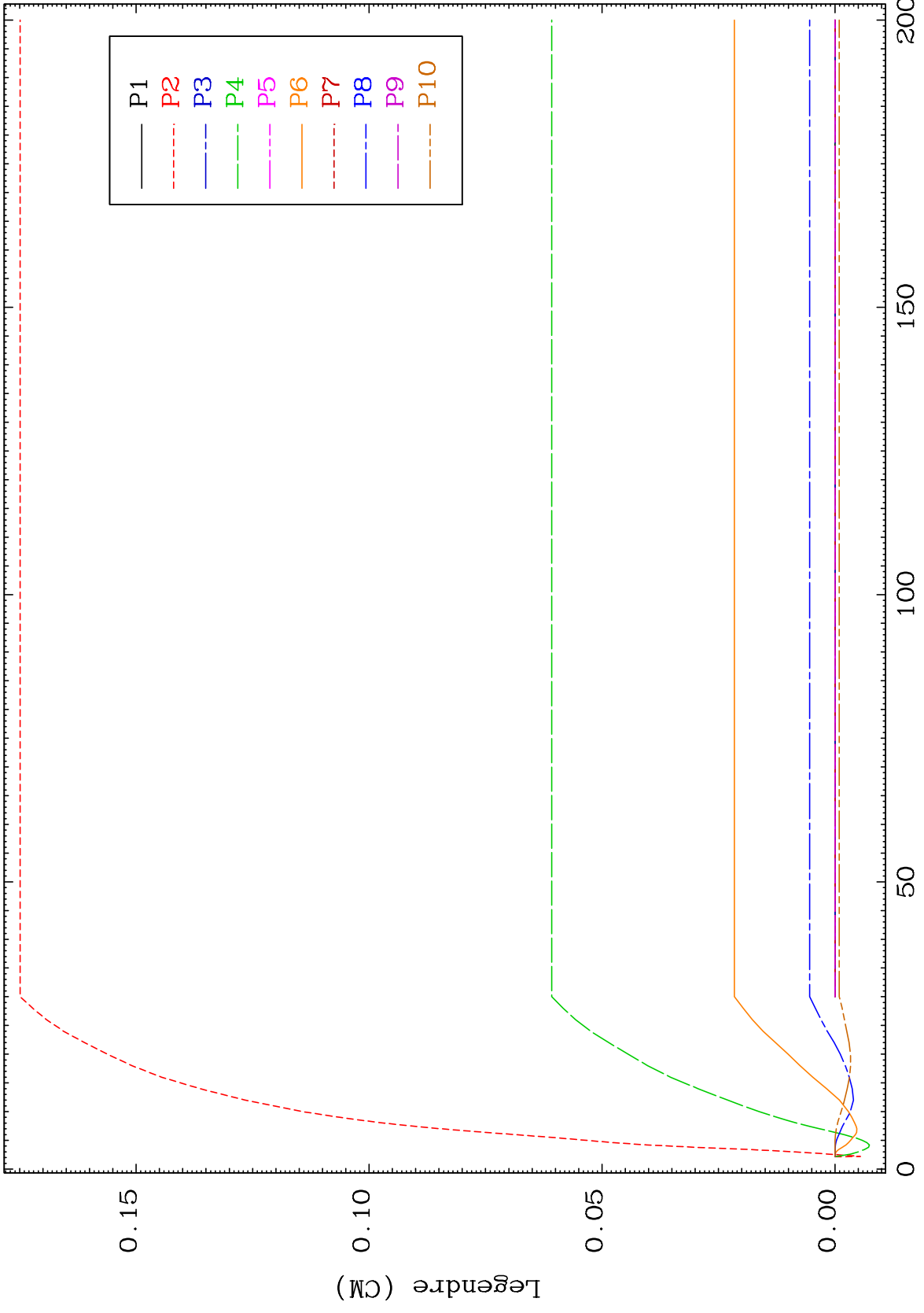


111

Incident Energy (MeV)

88-Ra-210

MAT 8786 MT= 79 (n,n') Level Legendre Coefficients 88-Ra-210

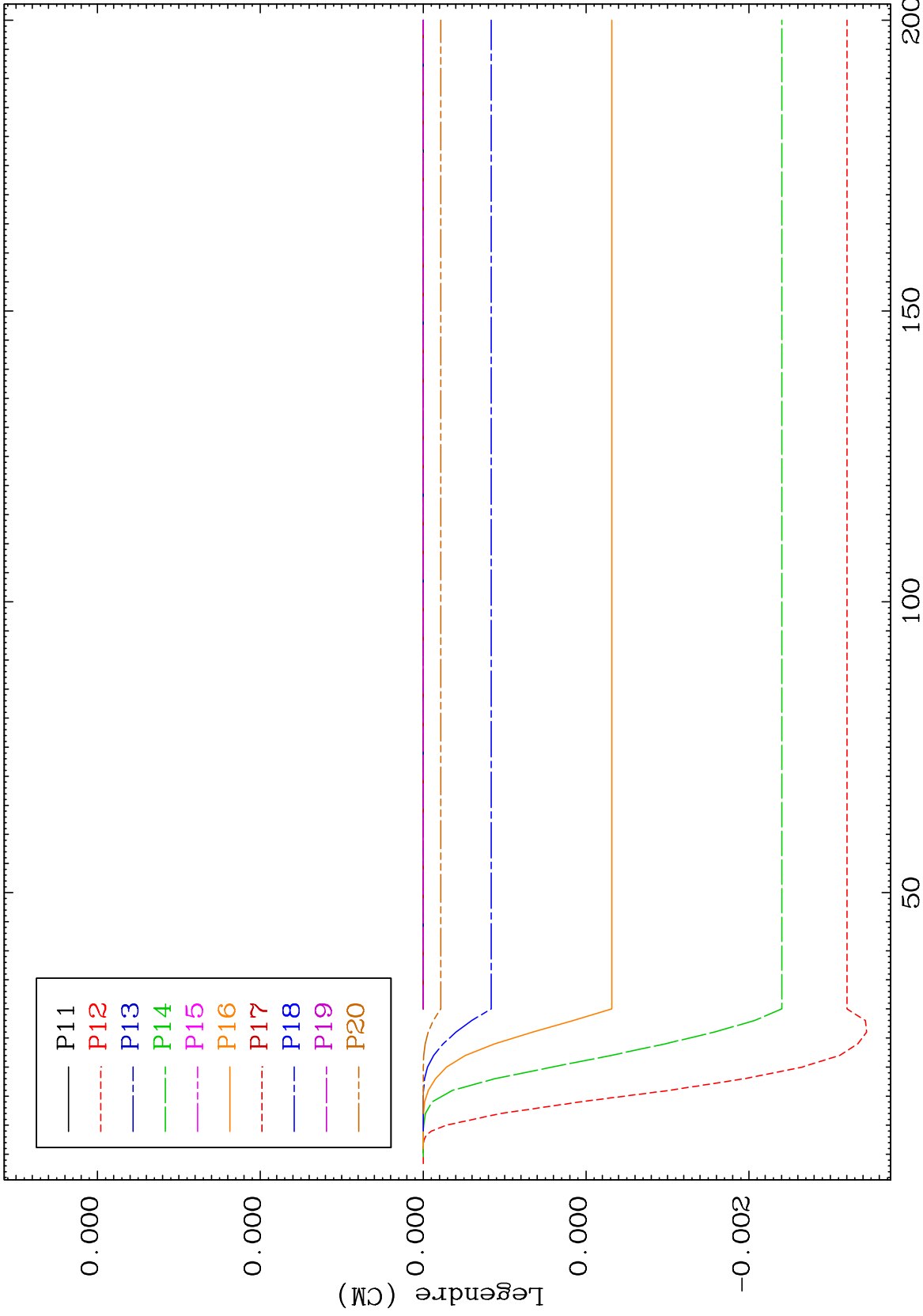


112 88-Ra-210

MAT 8786

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

88-Ra-210



113

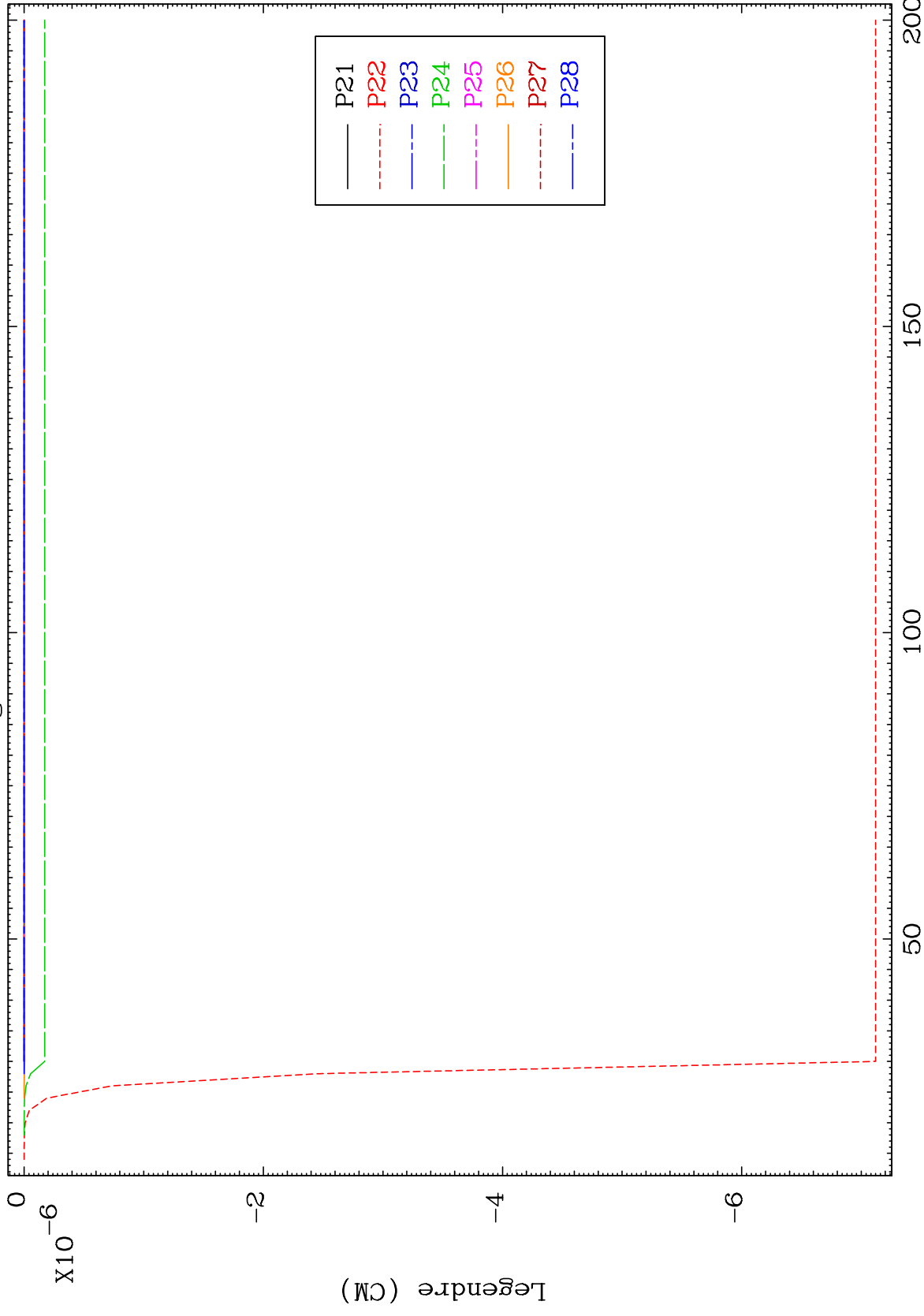
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88-Ra-210

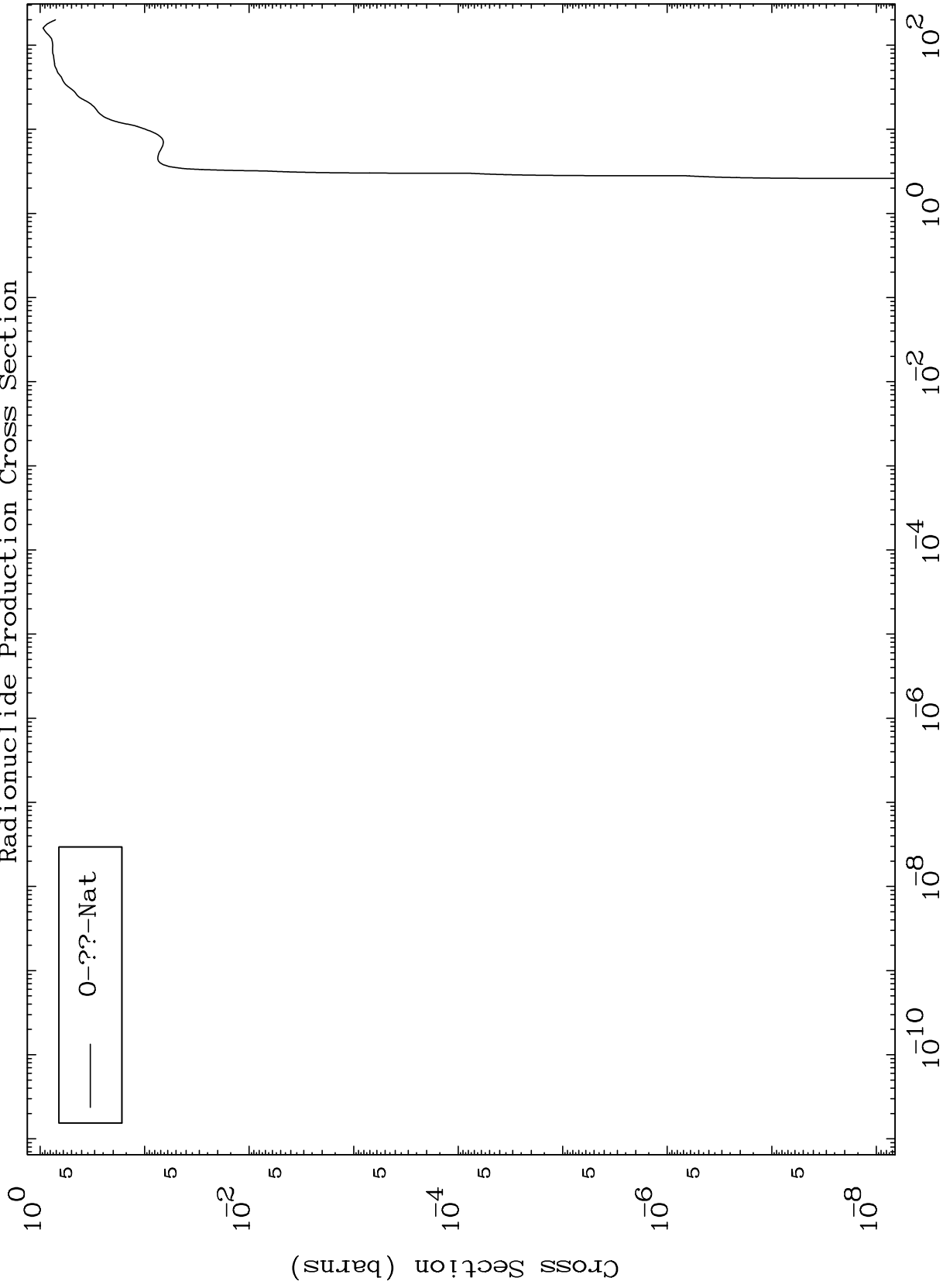
Incident Energy (MeV)

114

MAT 8786

Fission
Radionuclide Production Cross Section

88-Ra-210



115

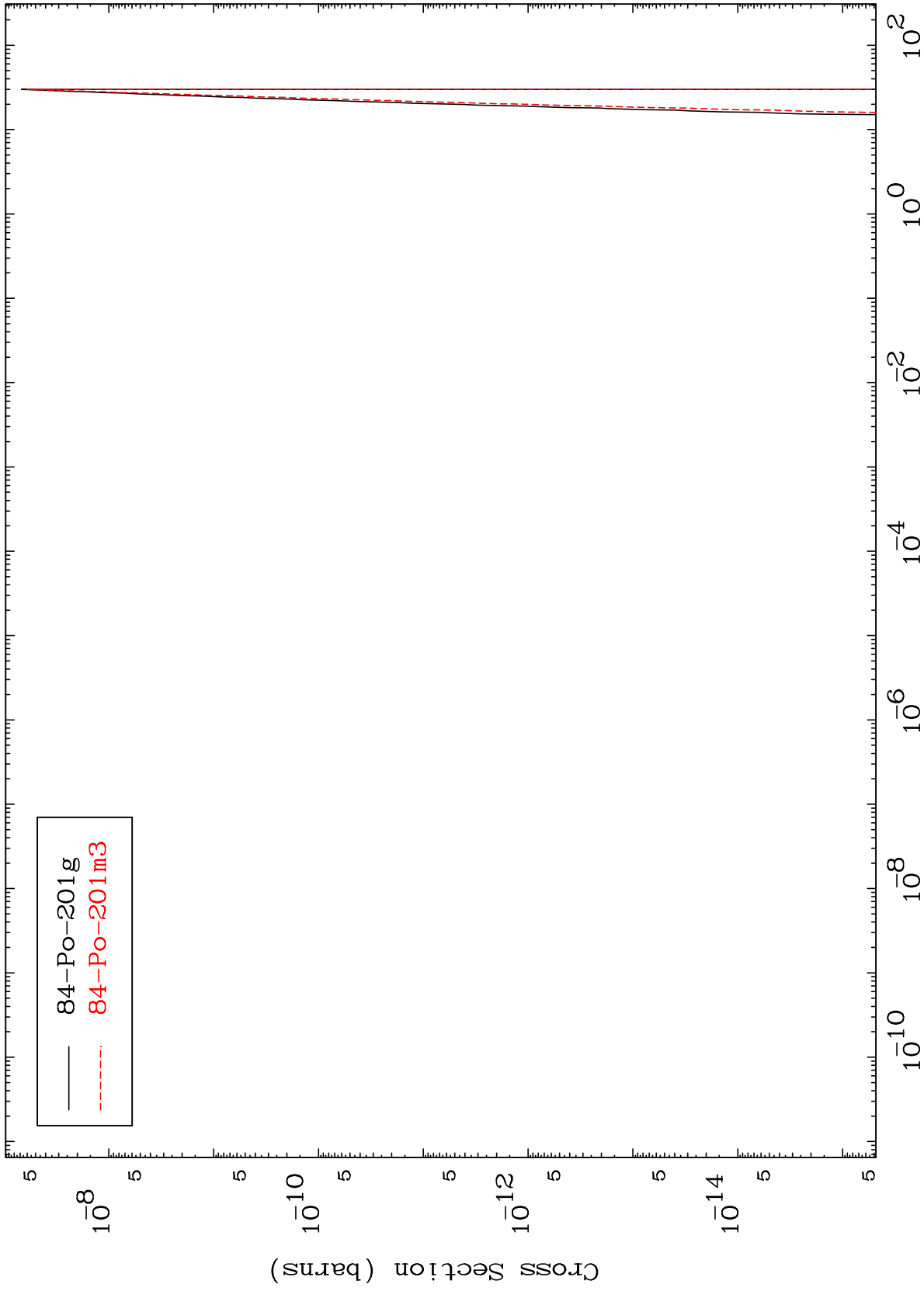
88-Ra-210

MAT 8786

(n,2n) 2 α

88-Ra-210

Radionuclide Production Cross Section



116

Incident Energy (MeV)

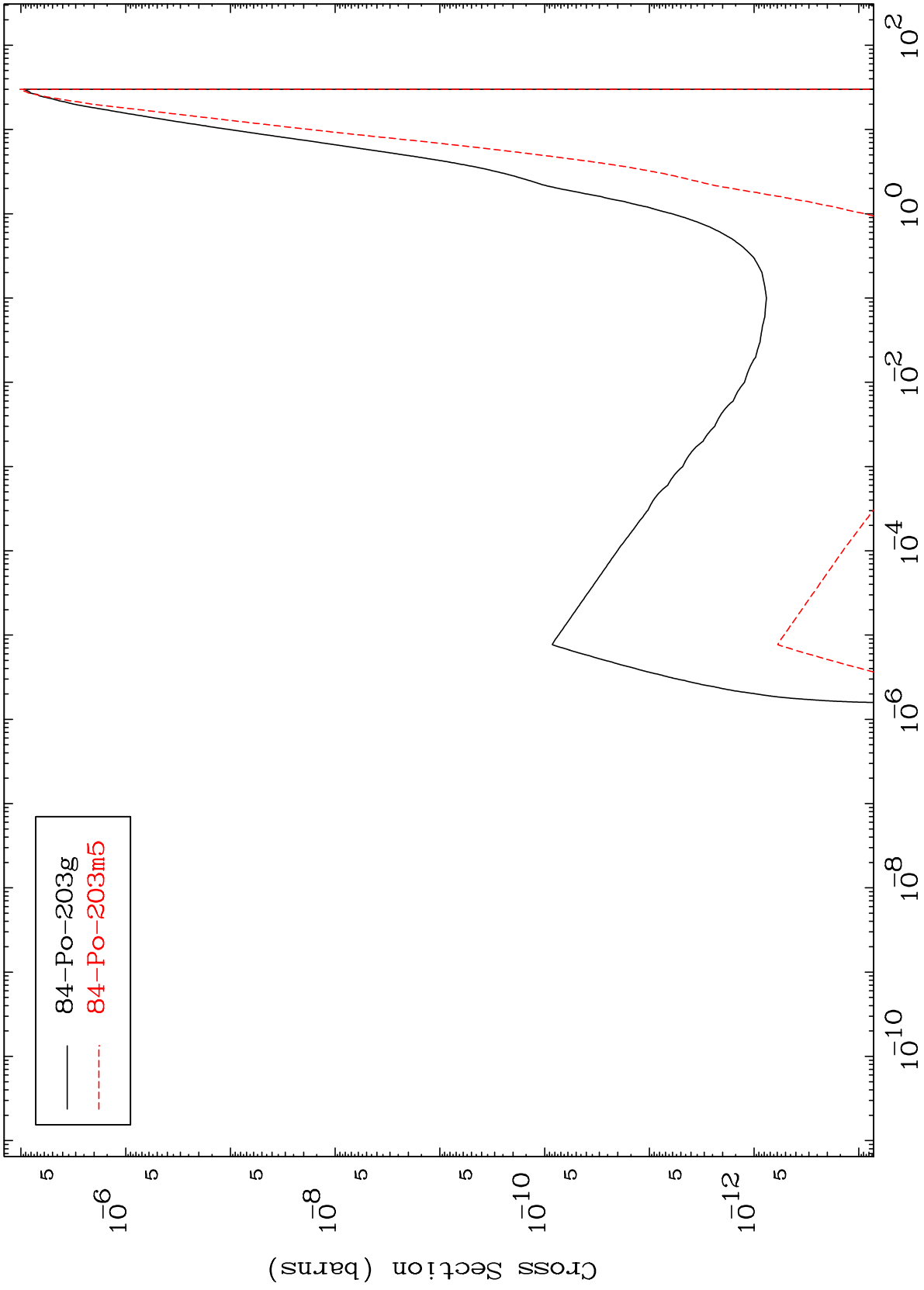
88-Ra-210

MAT 8786

(n,2α)

88-Ra-210

Radionuclide Production Cross Section



84-Po-203g
84-Po-203m5

117

Incident Energy (MeV)

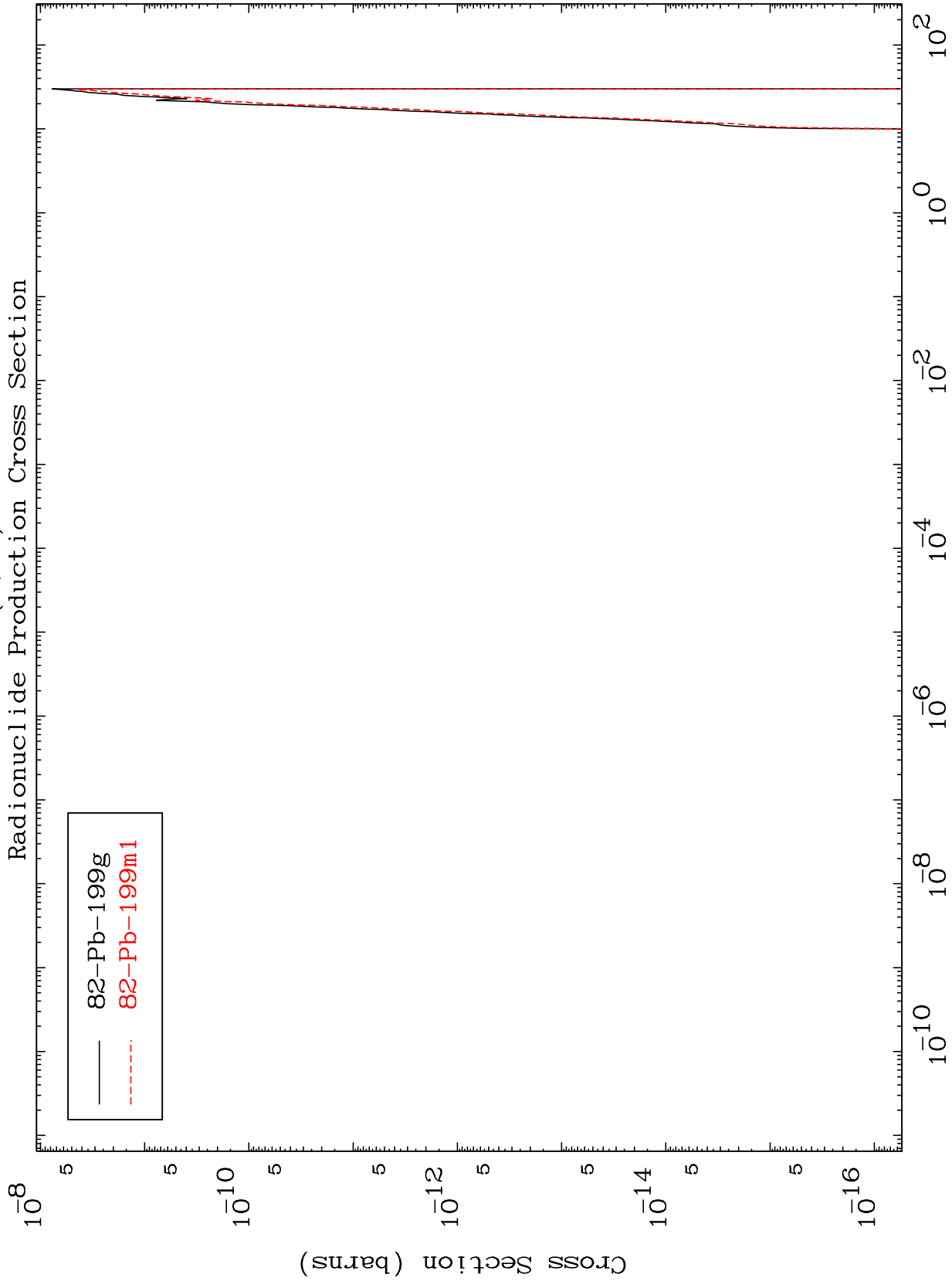
88-Ra-210

MAT 8786

(n,3α)

88-Ra-210

Radionuclide Production Cross Section



118

Incident Energy (MeV)

88-Ra-210