

Program EVALPLOT
(Version 2018-1)

by

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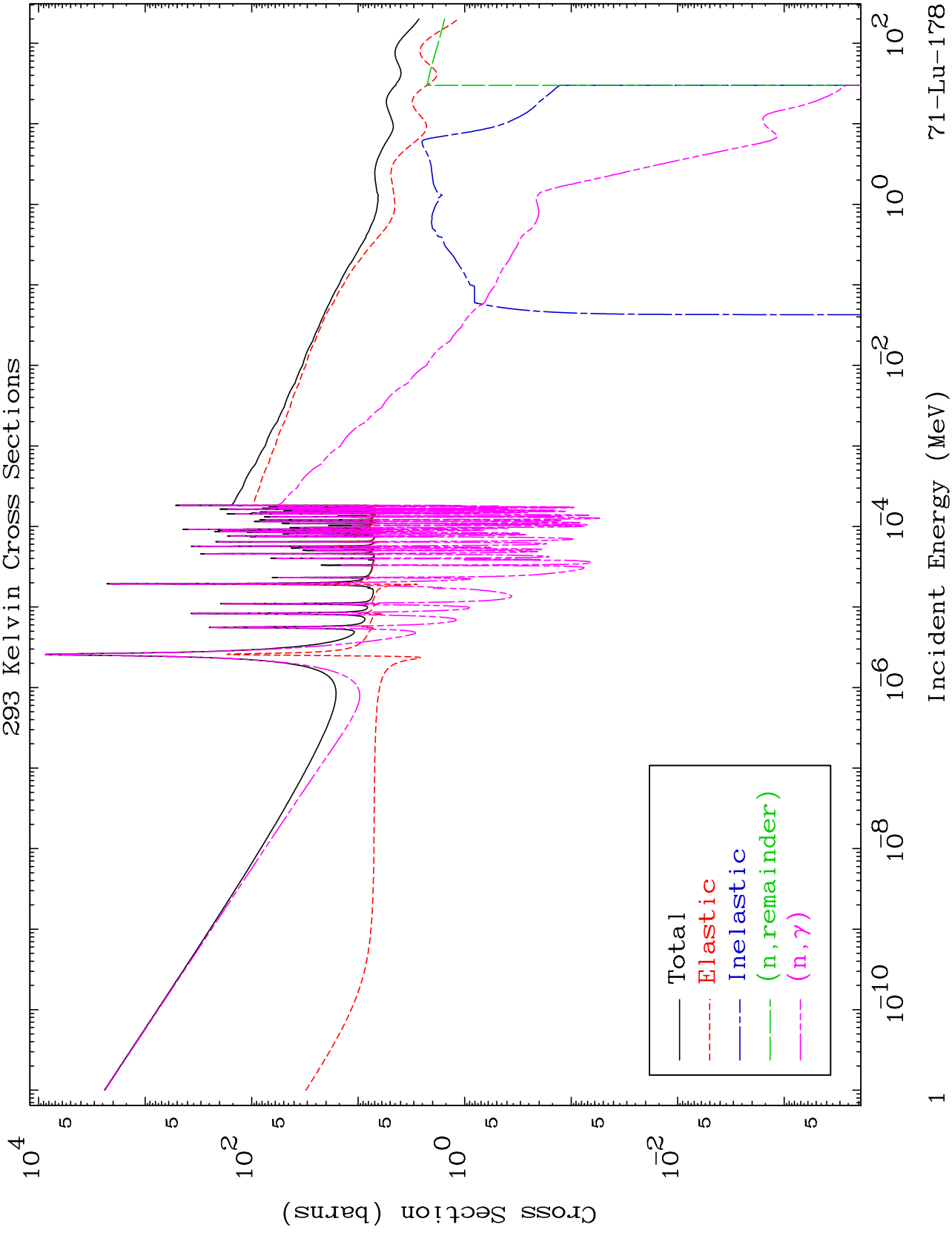
Press Mouse Button to Start

MAT 7134

Major

293 Kelvin Cross Sections

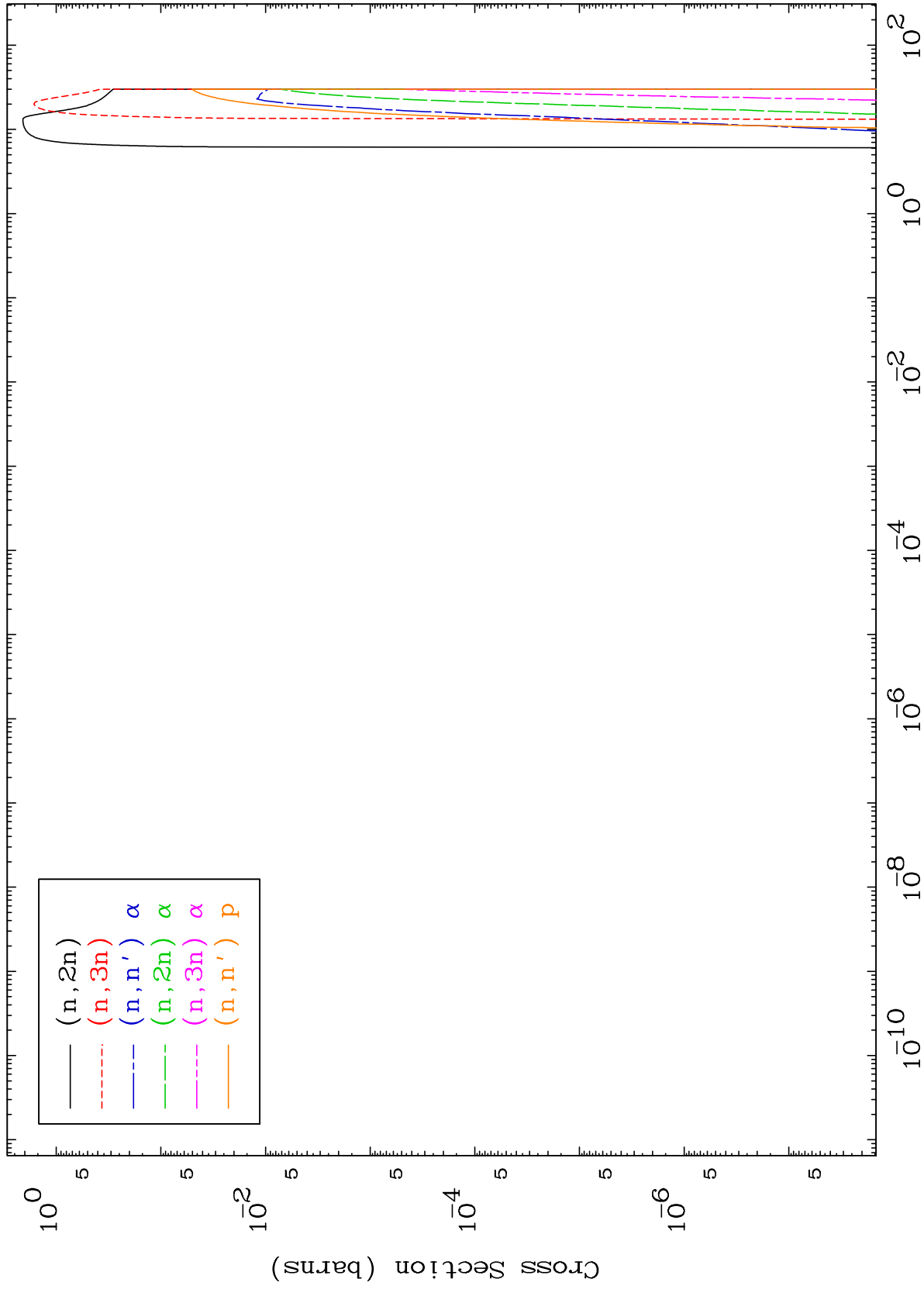
71-Lu-178



MAT 7134

Neutron Production
293 Kelvin Cross Sections

71-Lu-178



2

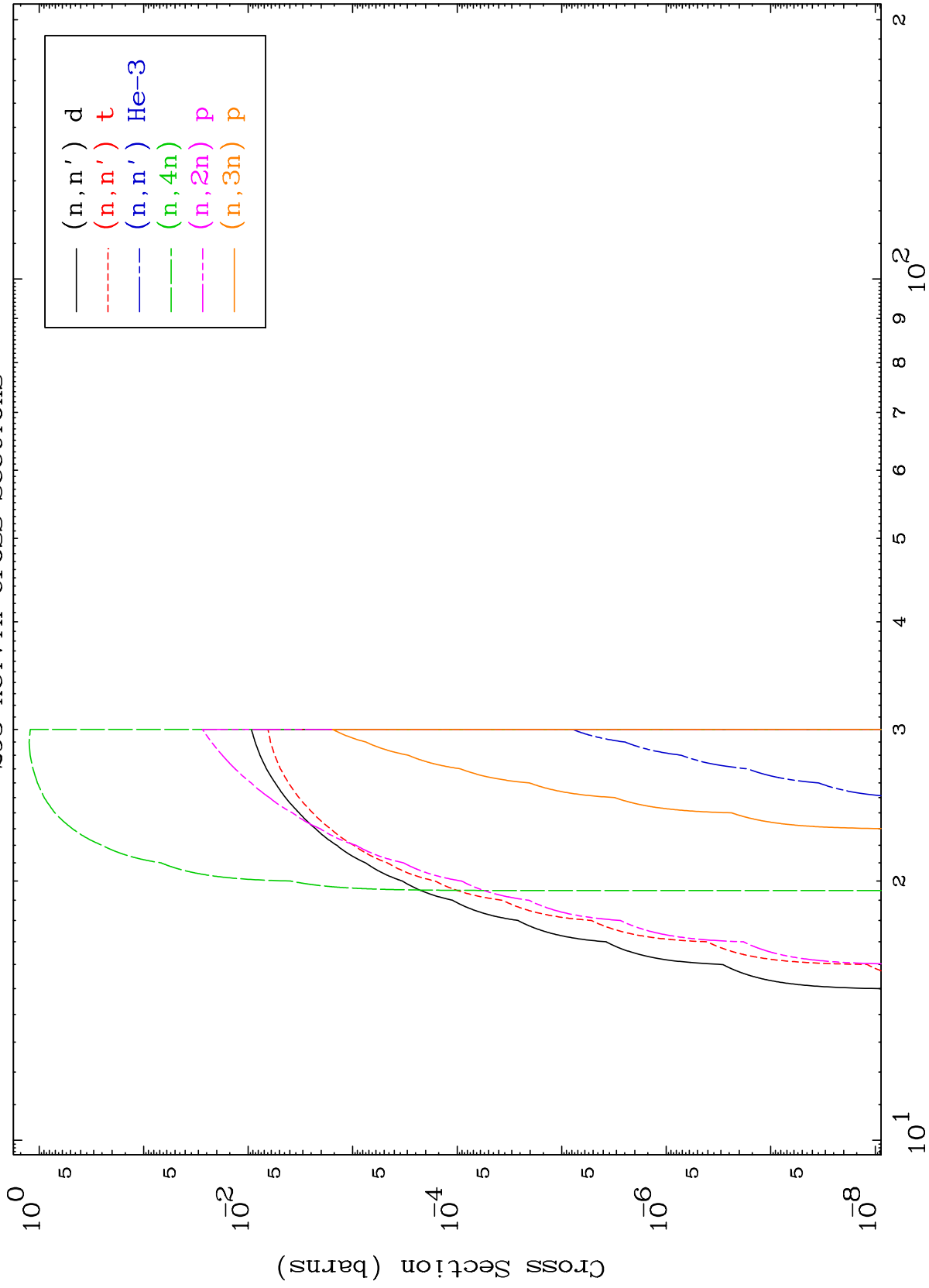
Incident Energy (MeV)

71-Lu-178

MAT 7134

Neutron Production
293 Kelvin Cross Sections

71-Lu-178



71-Lu-178

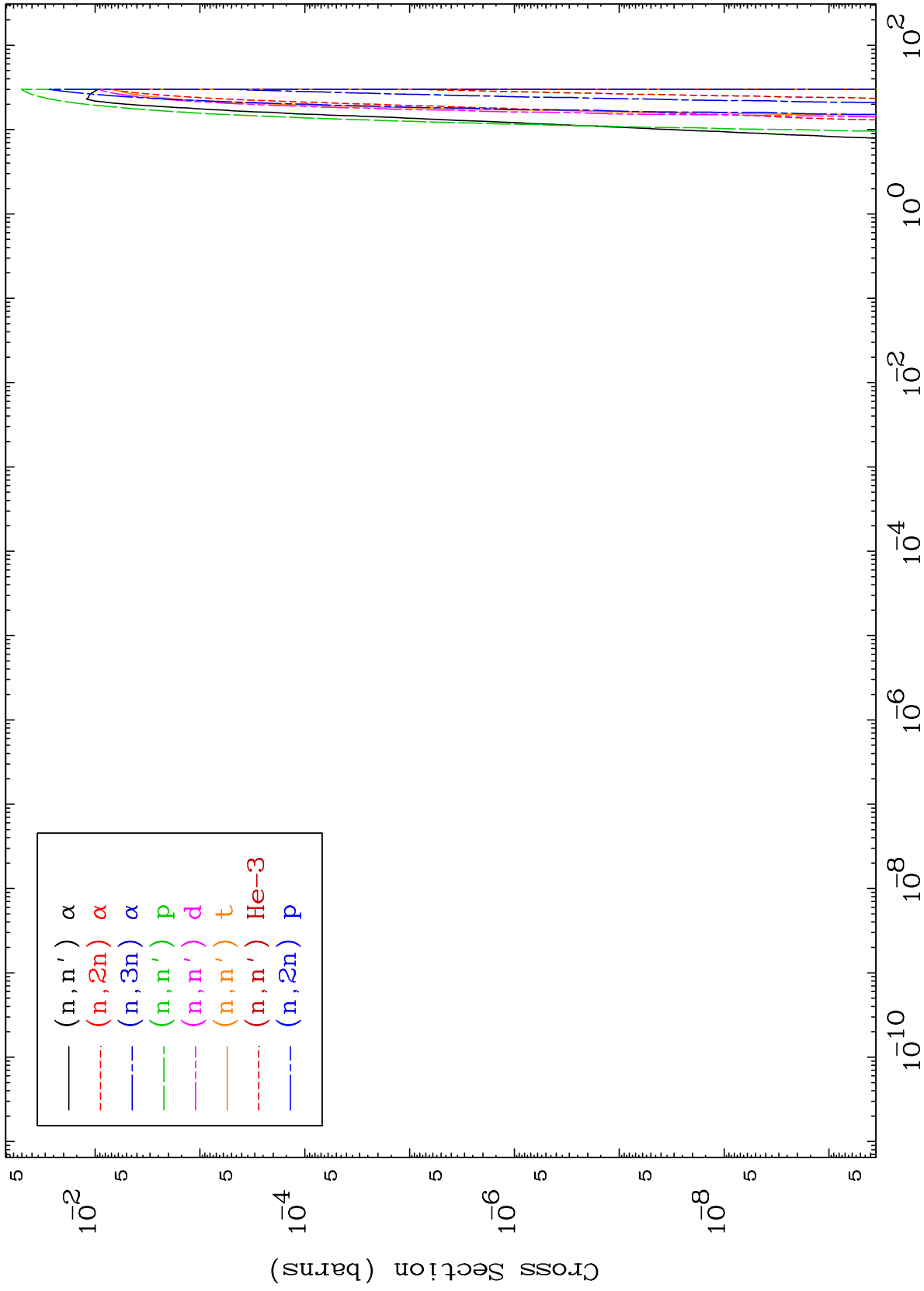
Incident Energy (MeV)

3

MAT 7134

293 Charged Particle
Kelvin Cross Sections

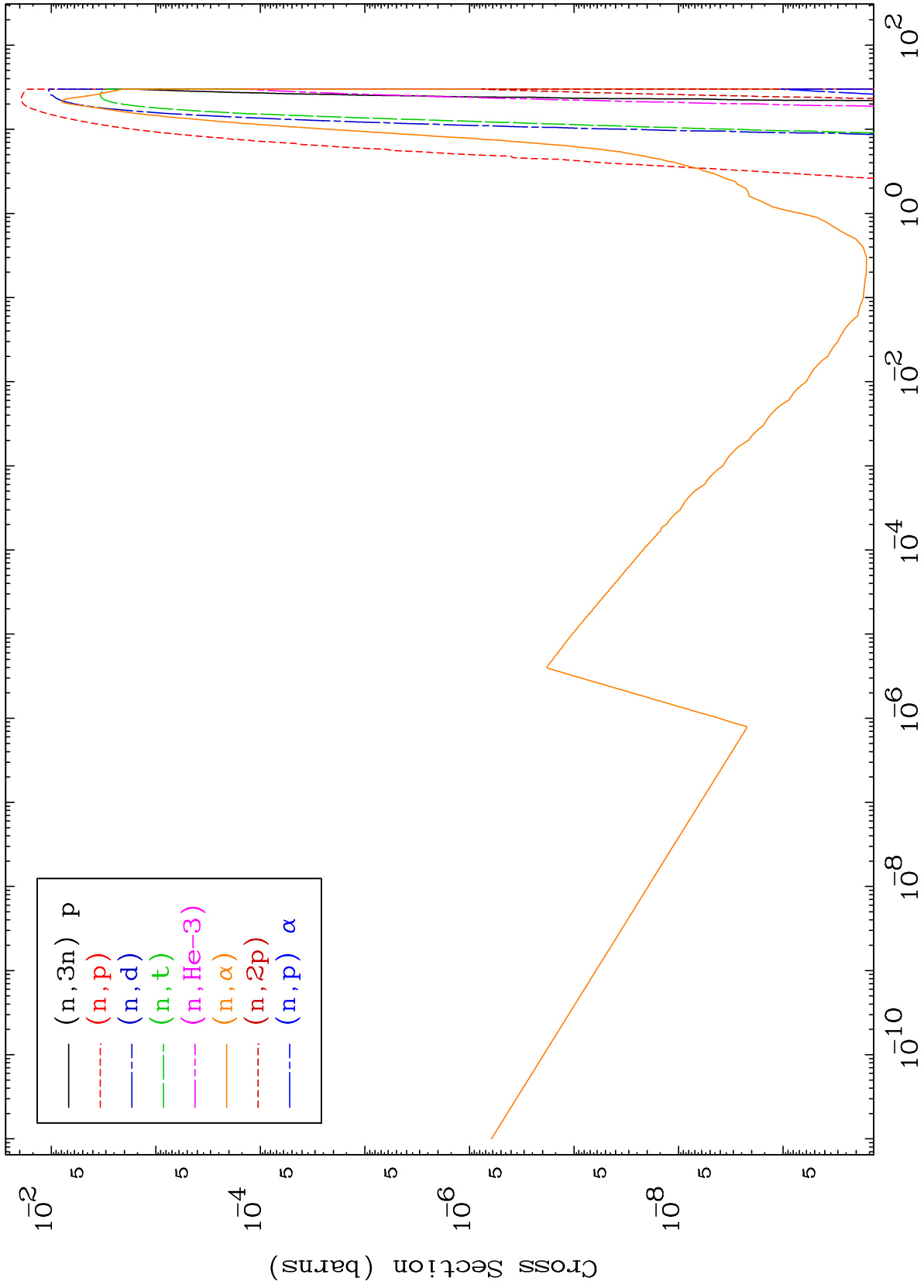
71-Lu-178



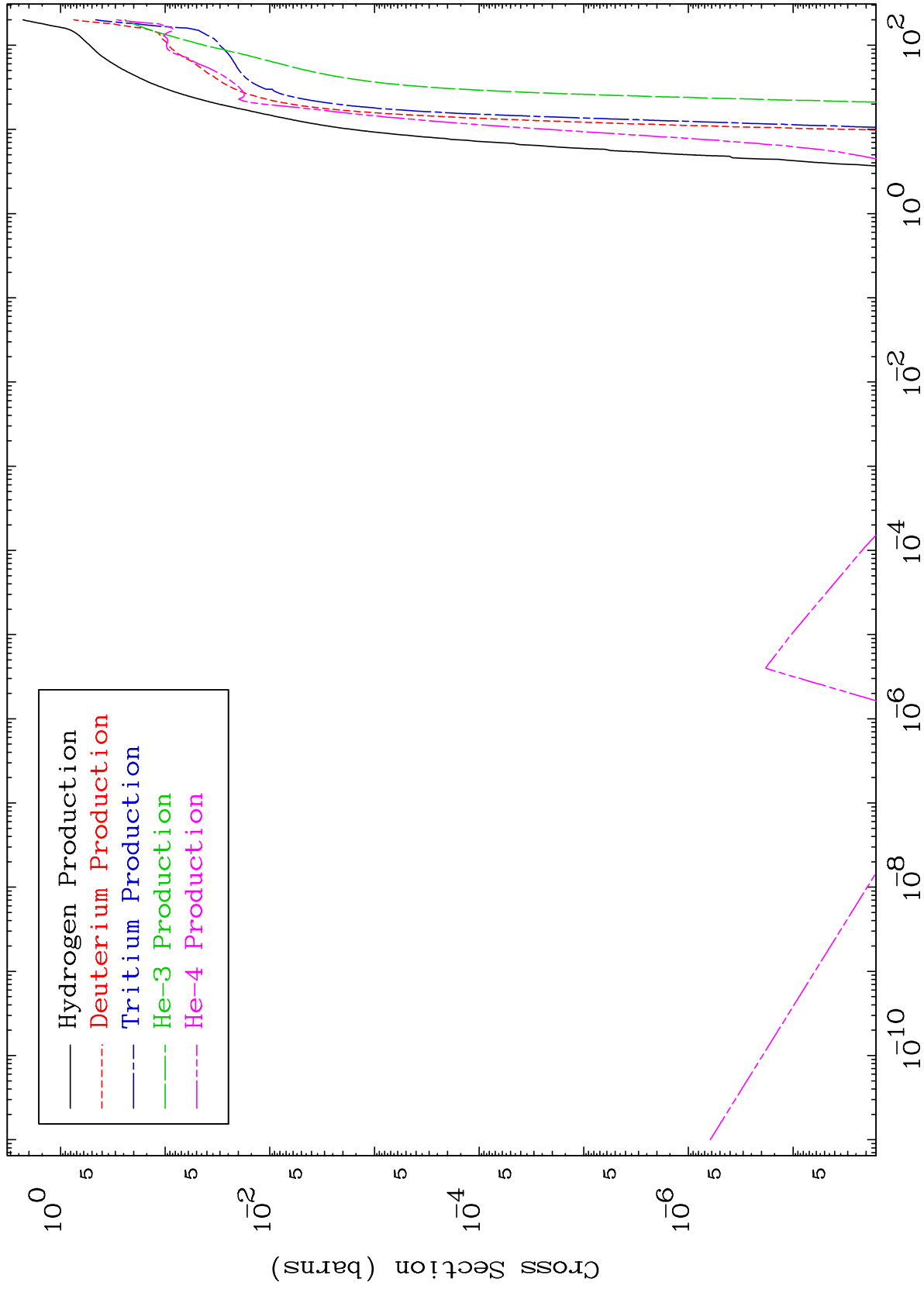
MAT 7134

293 Kelvin Cross Sections

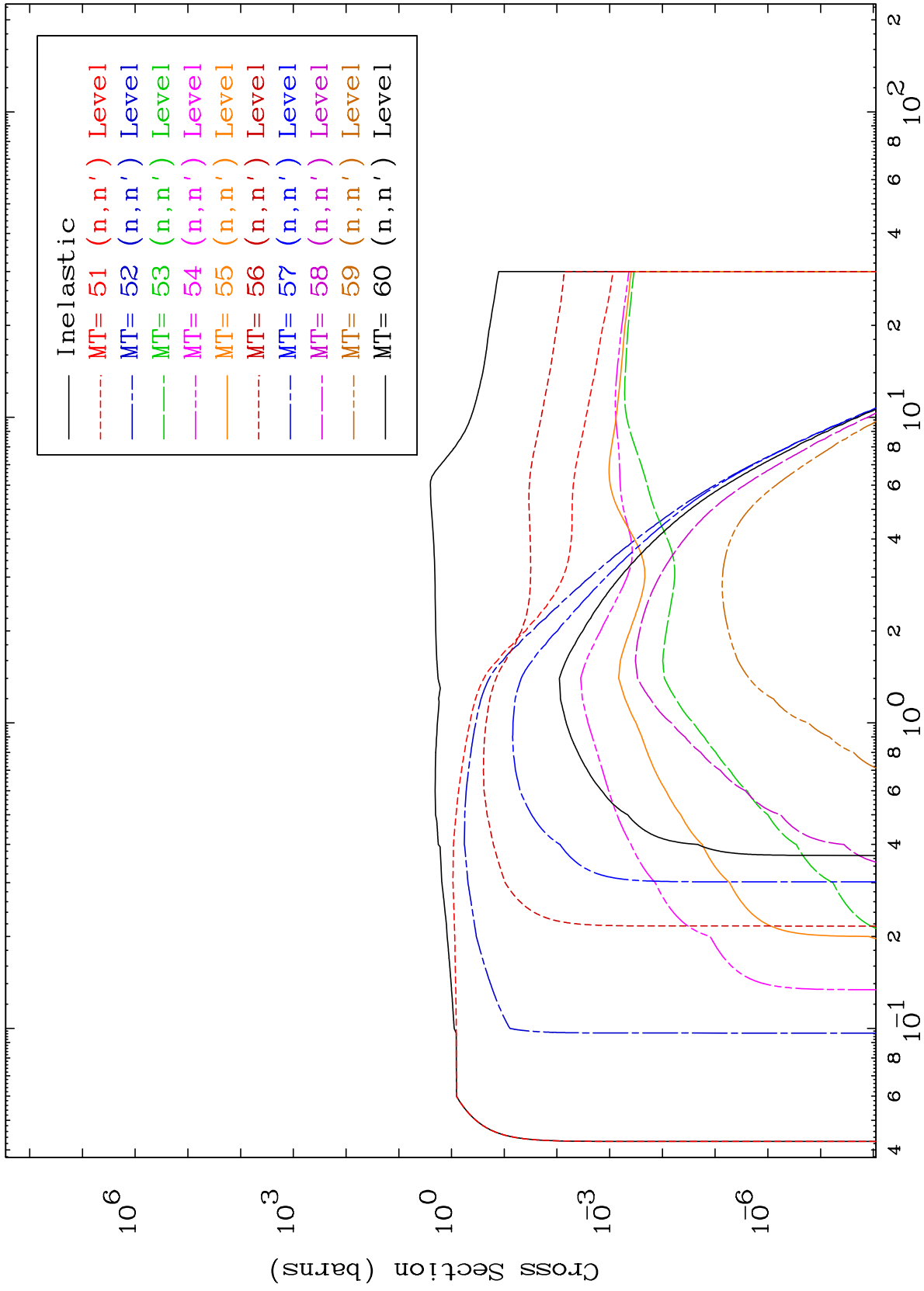
71-Lu-178



5



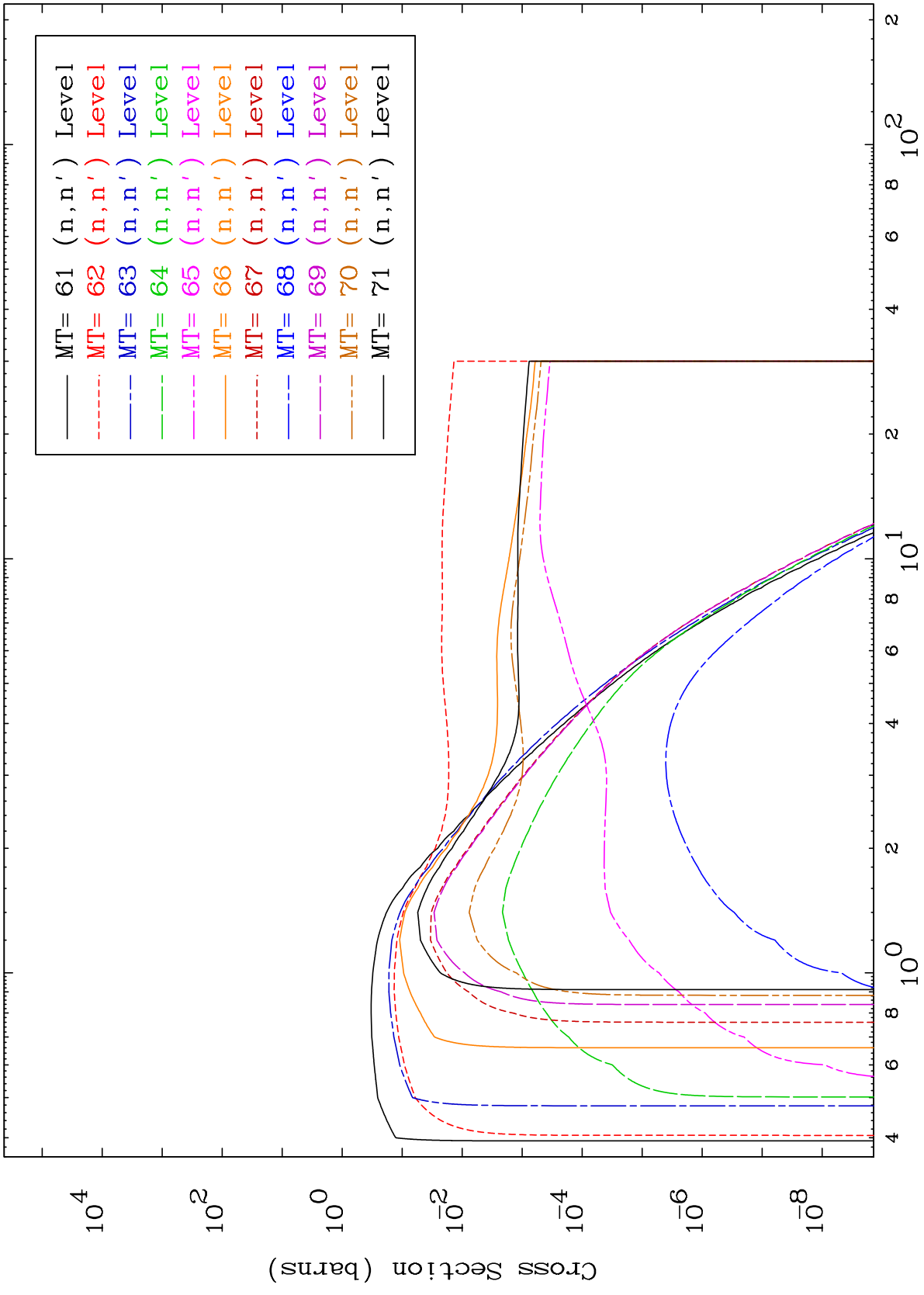
293 Kelvin Cross Sections



MAT 7134

(n,n') Level
293 Kelvin Cross Sections

71-Lu-178



8

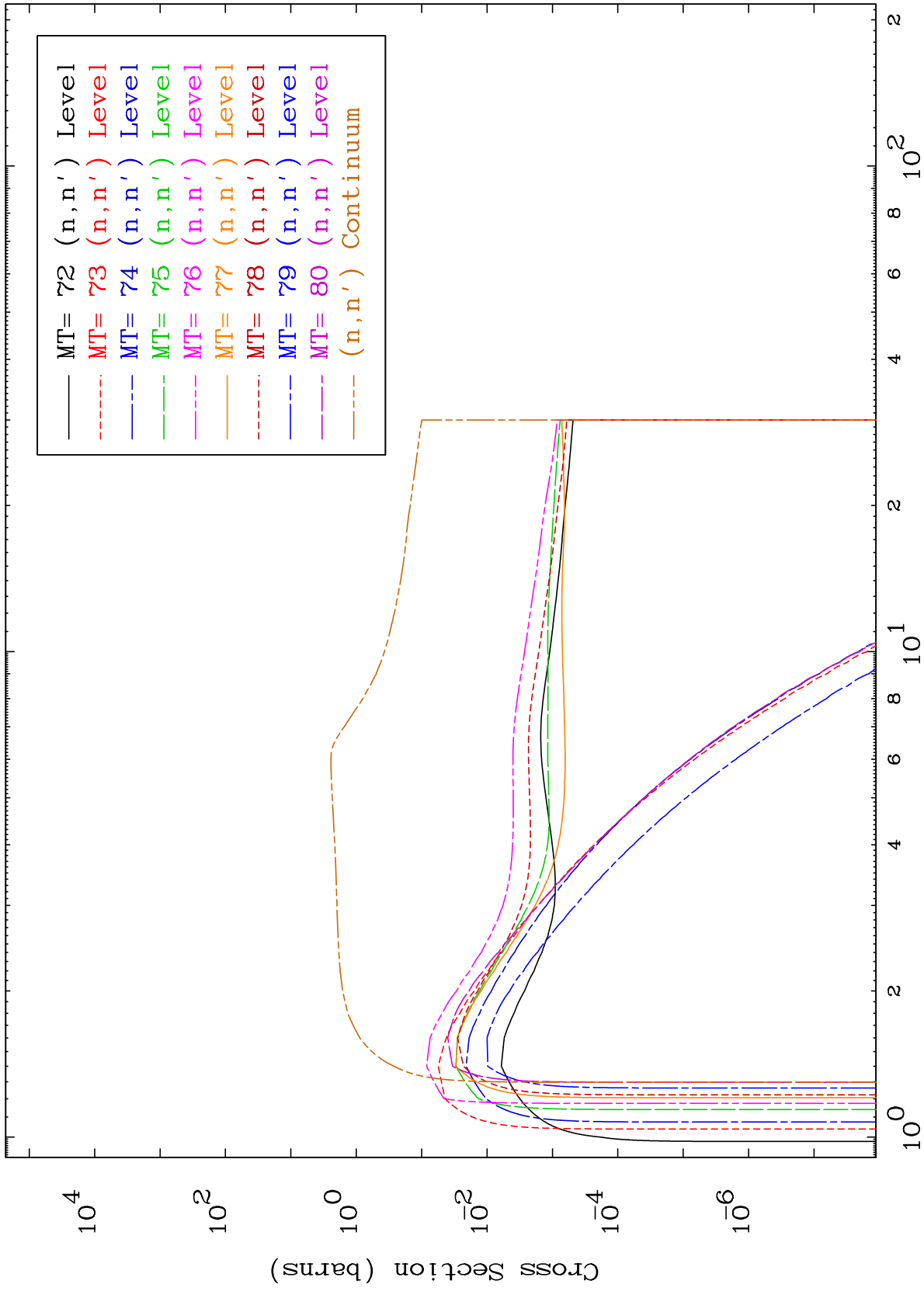
Incident Energy (MeV)

71-Lu-178

MAT 7134

(n,n') Level
293 Kelvin Cross Sections

71-Lu-178



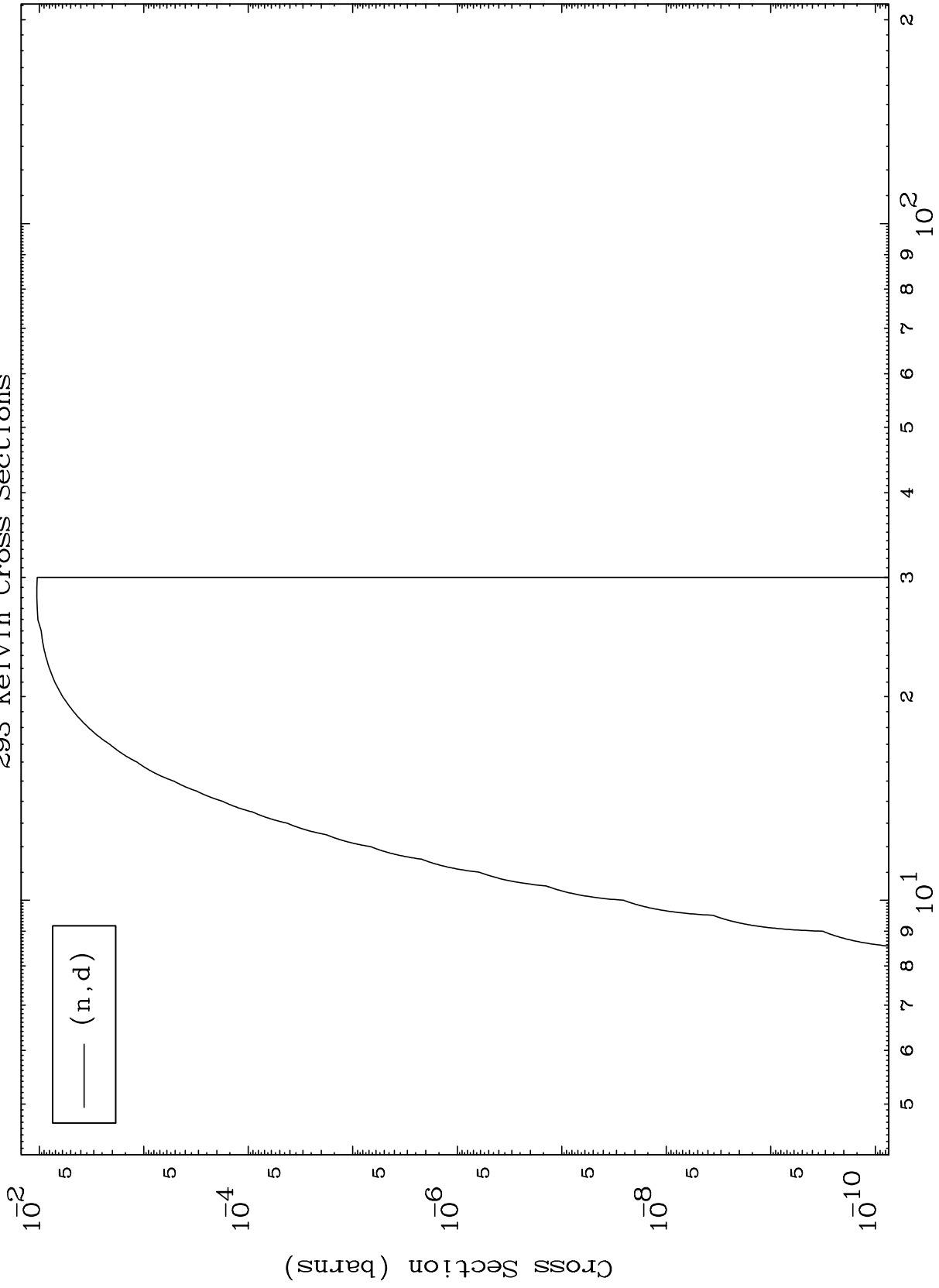
Incident Energy (MeV)

71-Lu-178

MAT 7134

(n,d) Levels
293 Kelvin Cross Sections

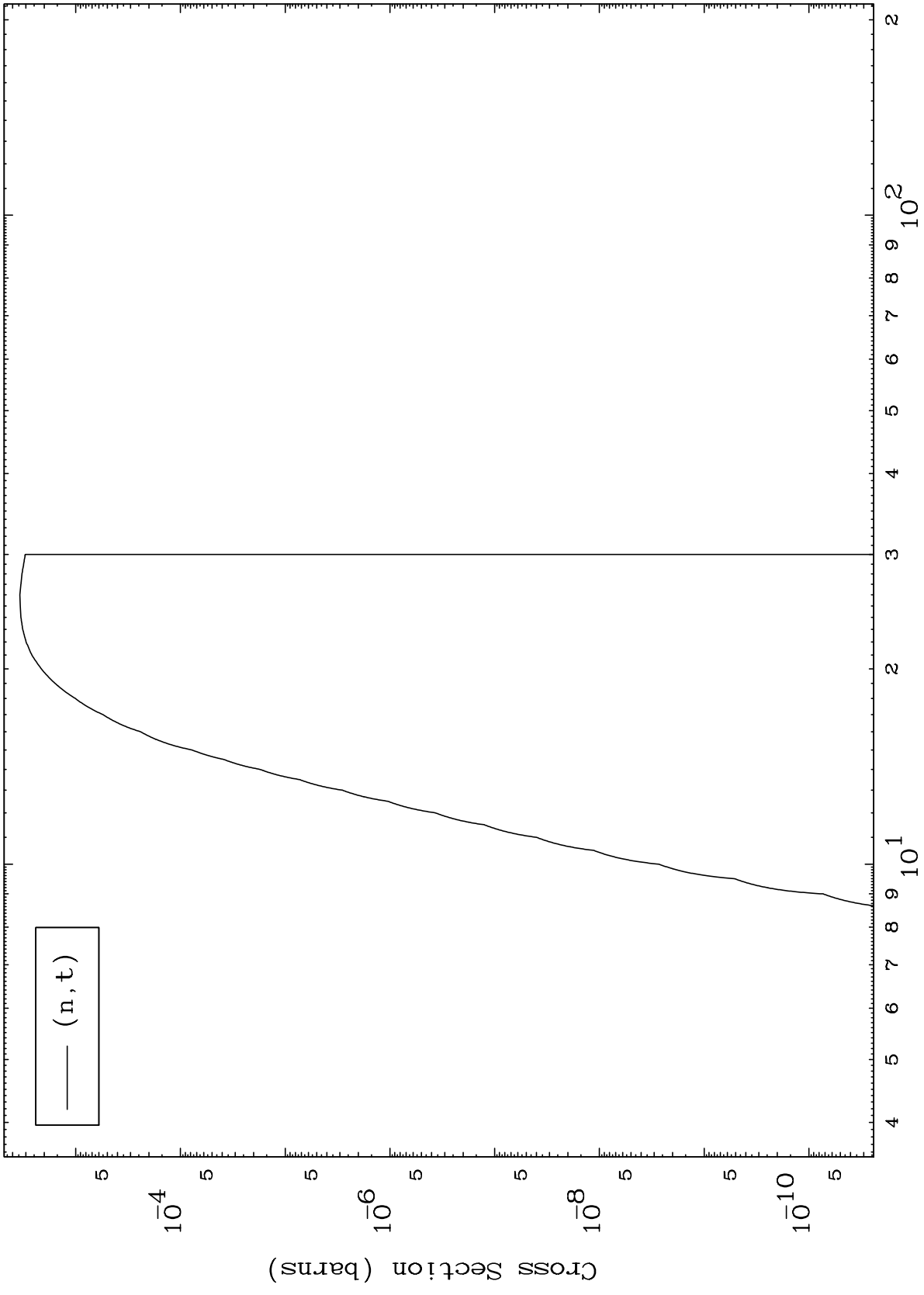
71-Lu-178



MAT 7134

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-178



12

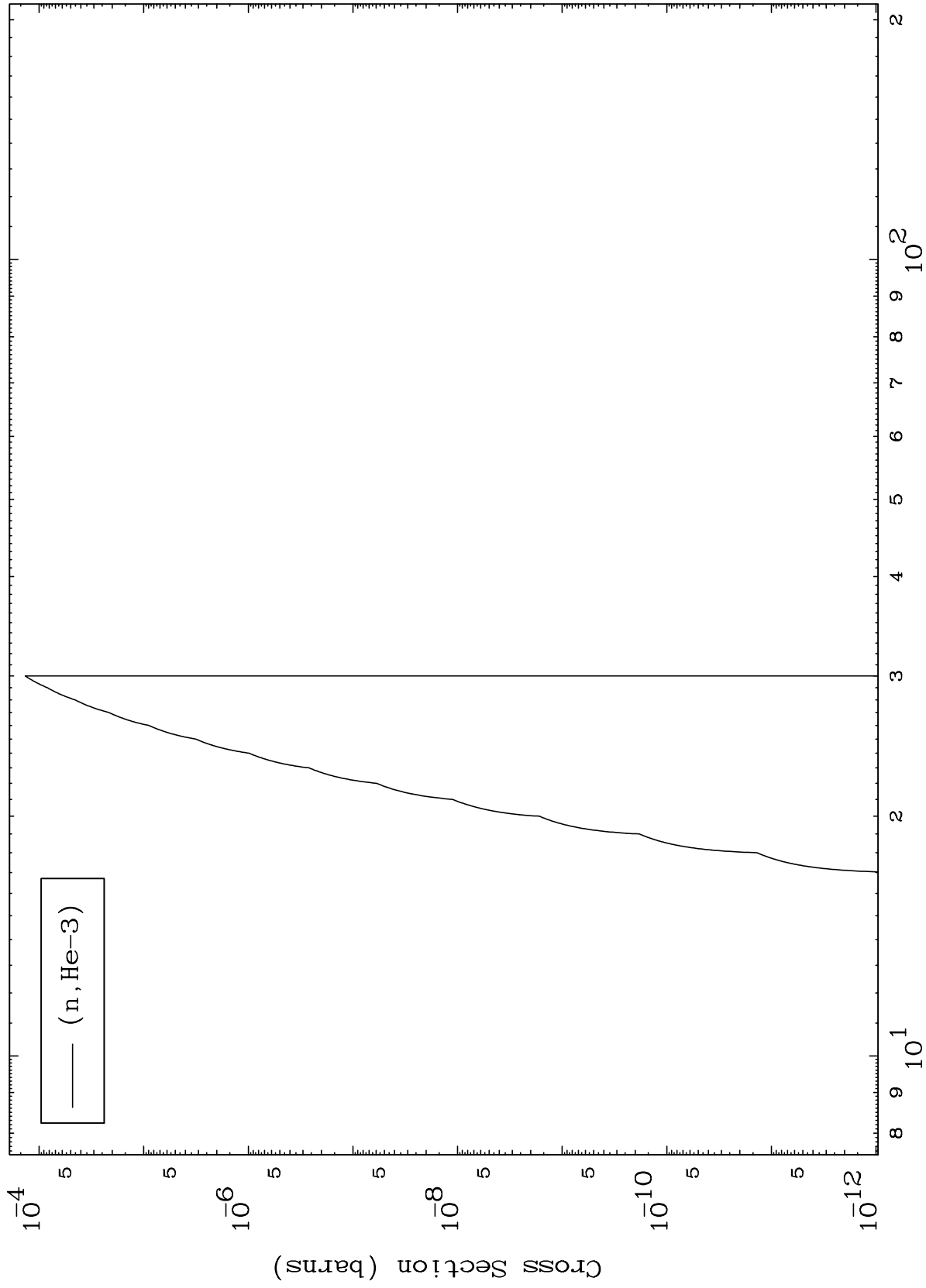
Incident Energy (MeV)

71-Lu-178

MAT 7134

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-178



13

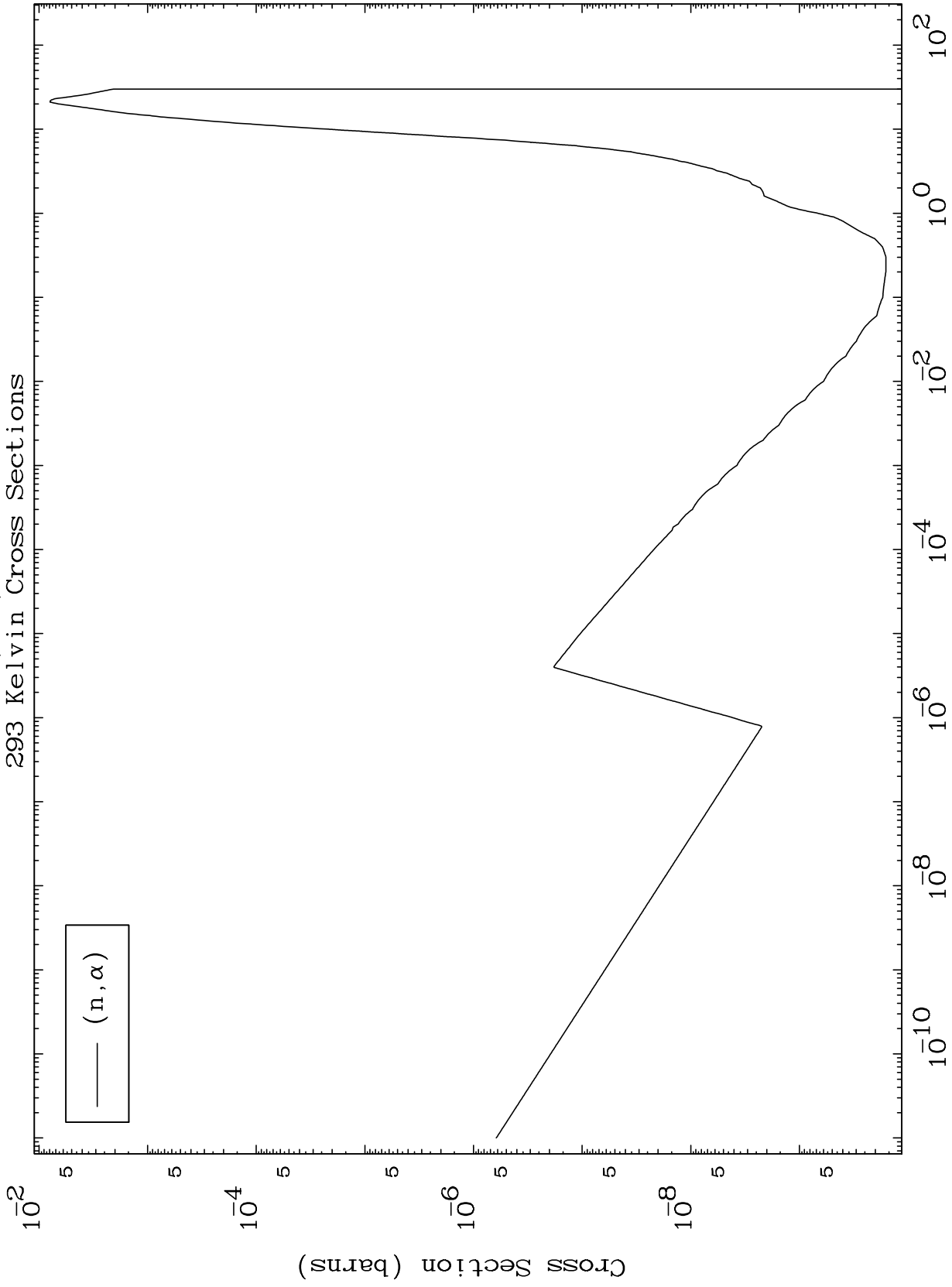
Incident Energy (MeV)

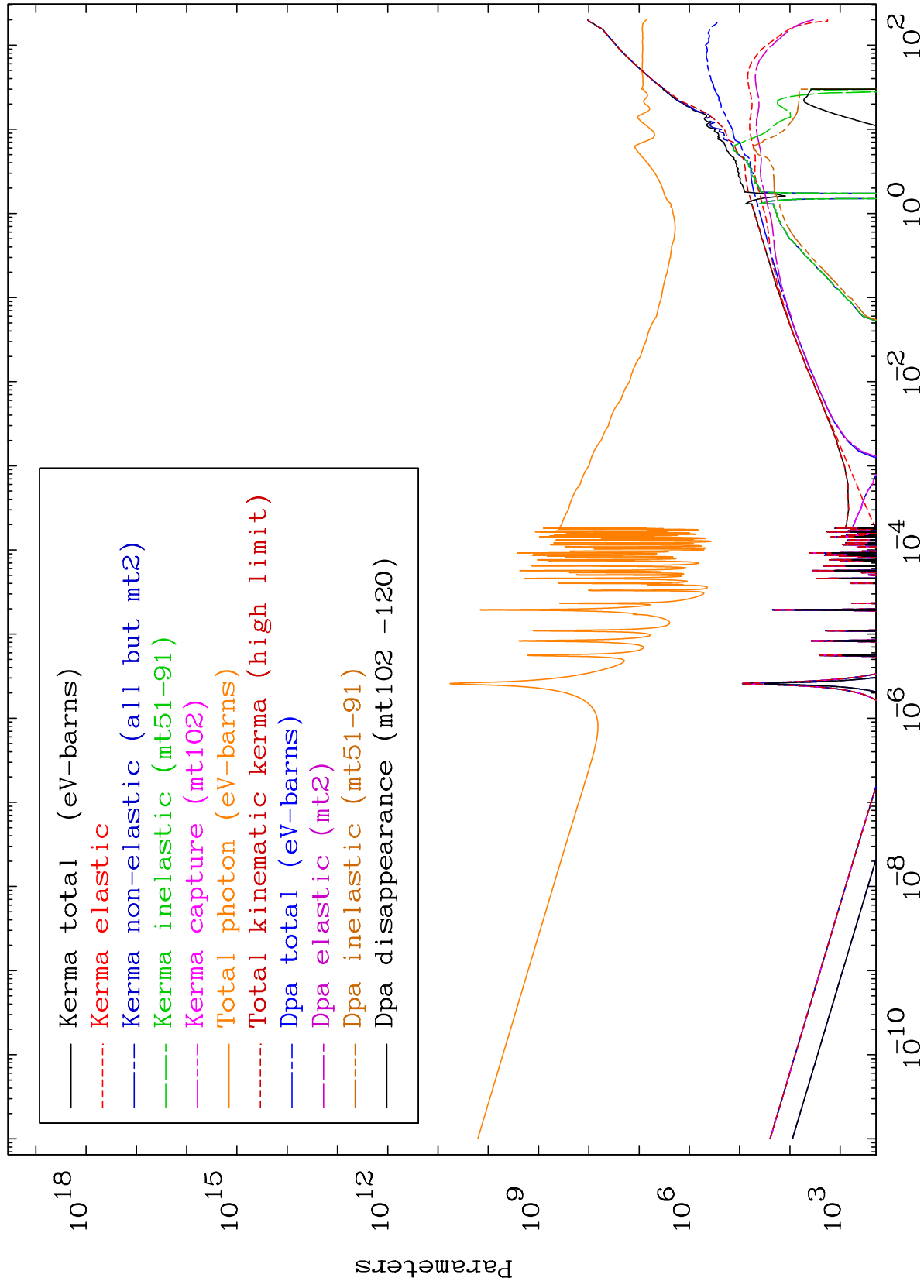
71-Lu-178

MAT 7134

(n,α) Levels
293 Kelvin Cross Sections

71-Lu-178

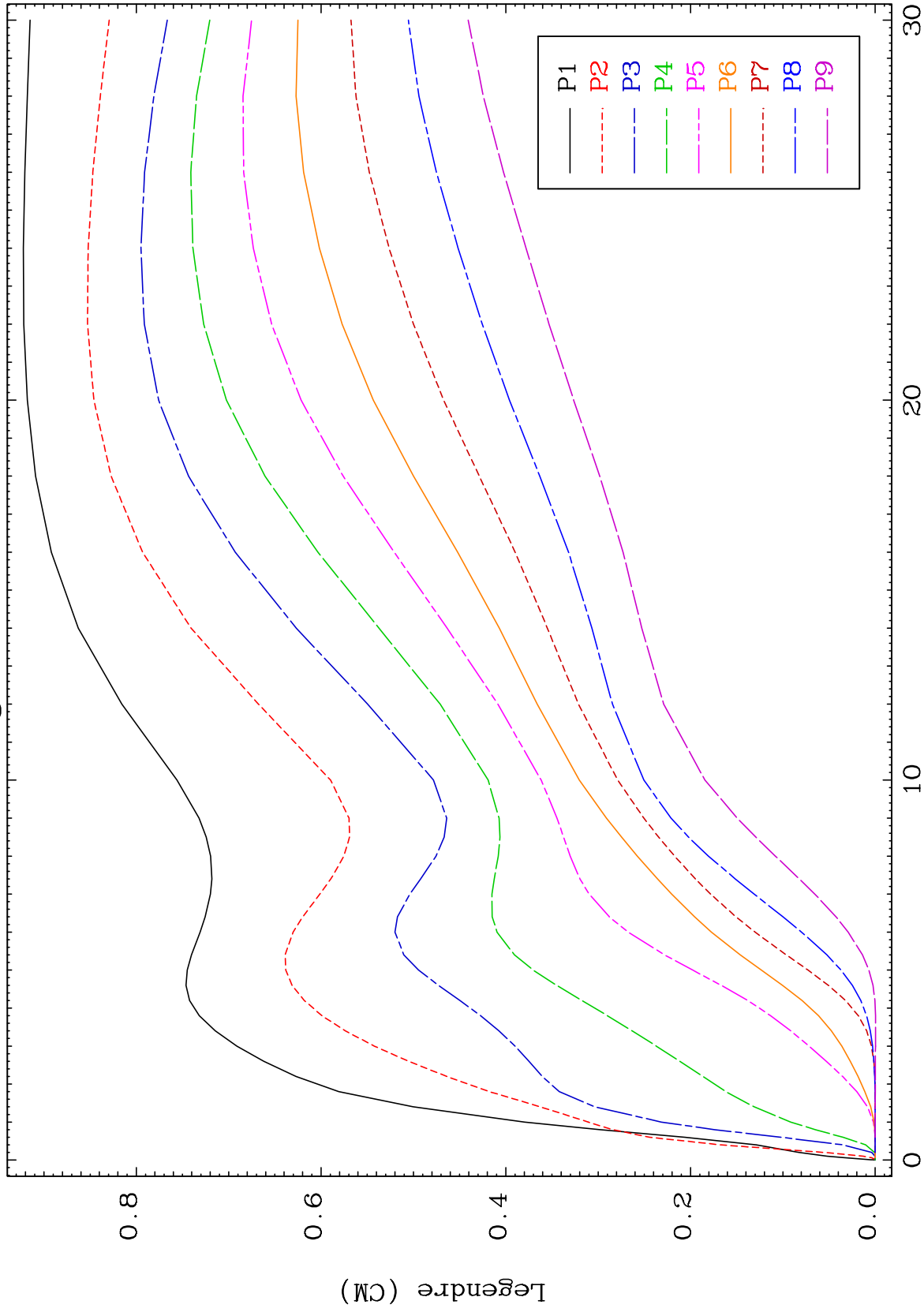




MAT 7134

Elastic Legendre Coefficients

71-Lu-178



16

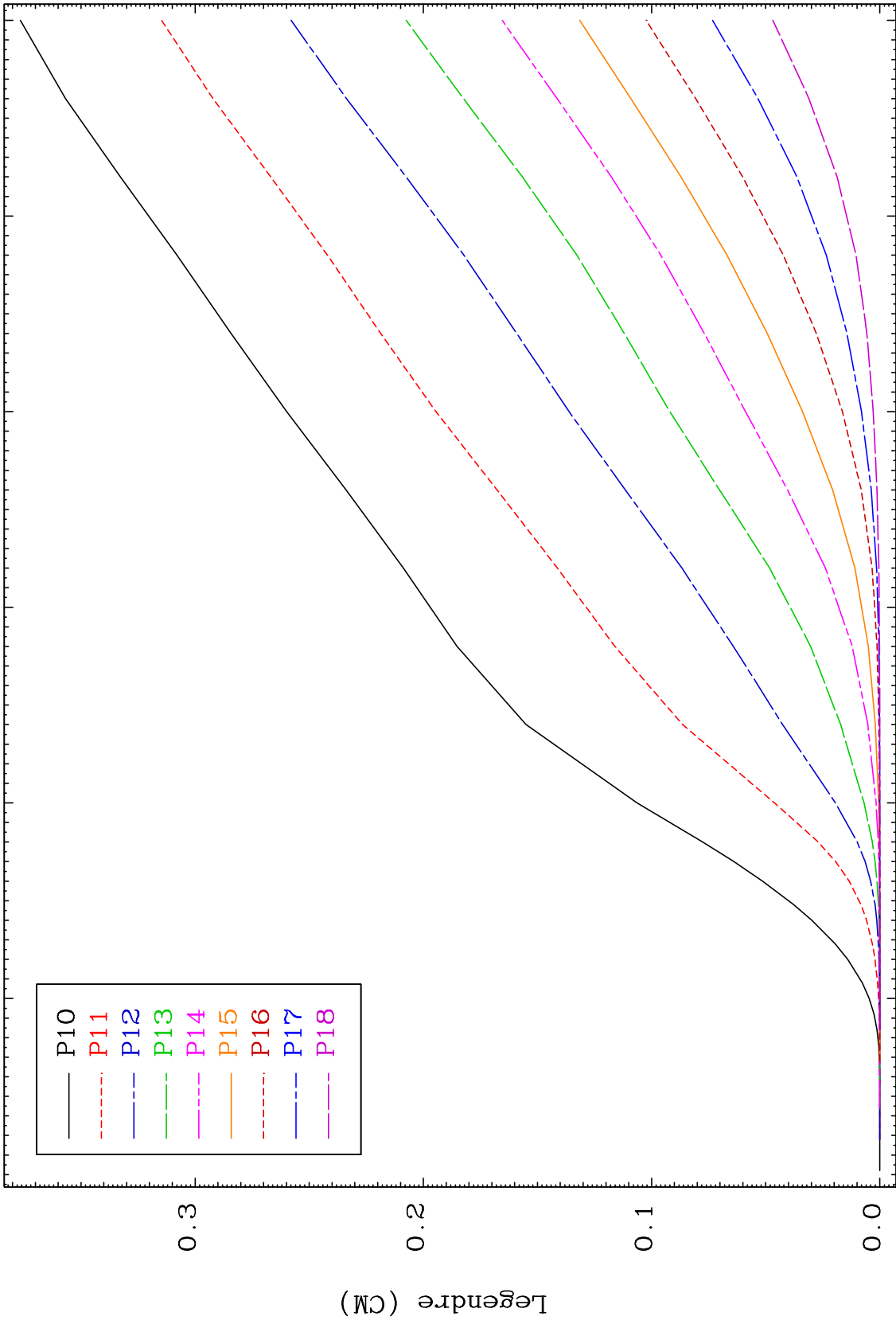
Incident Energy (MeV)

71-Lu-178

MAT 7134

Elastic Legendre Coefficients

71-Lu-178



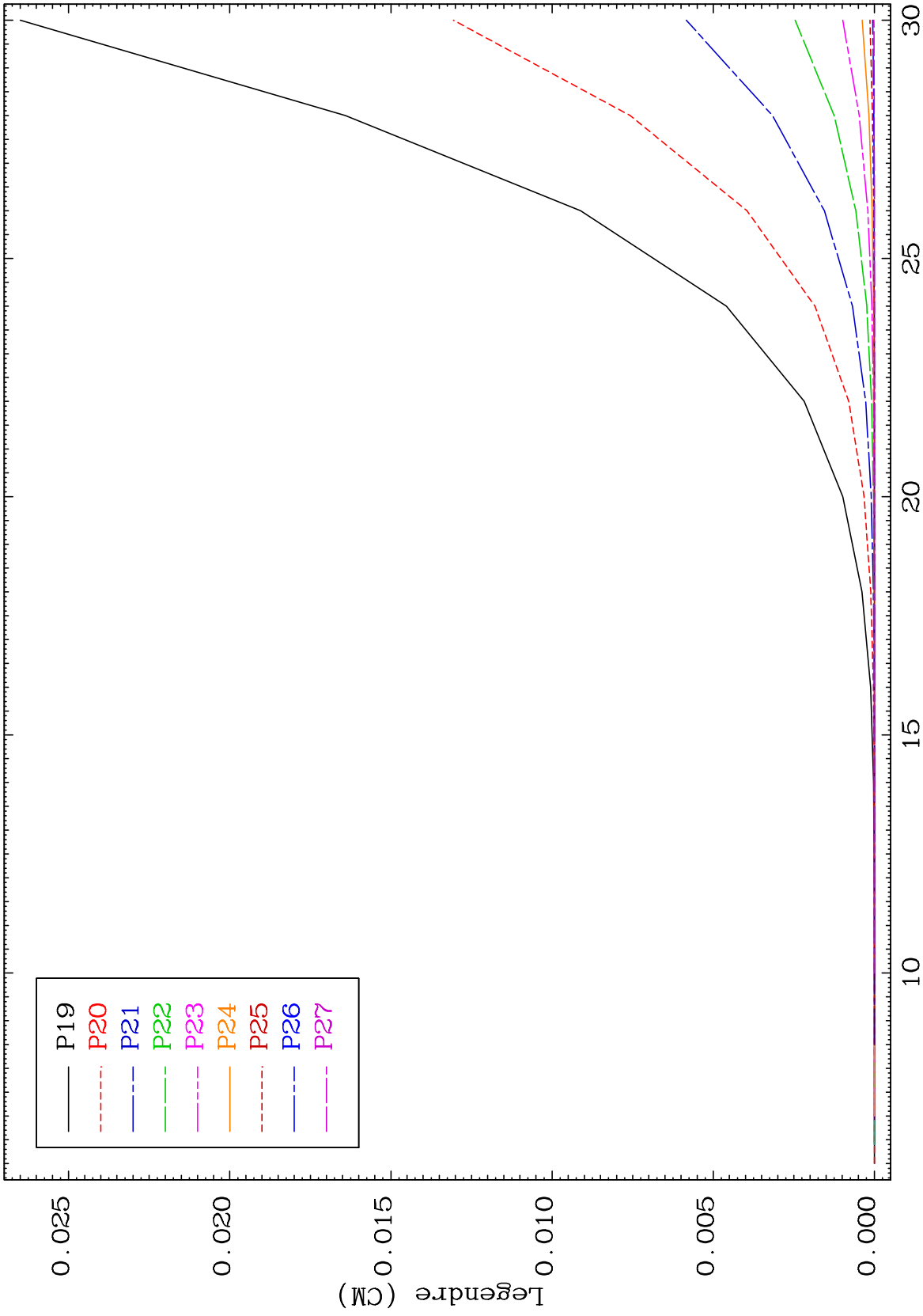
17

71-Lu-178

MAT 7134

Elastic Legendre Coefficients

71-Lu-178



18

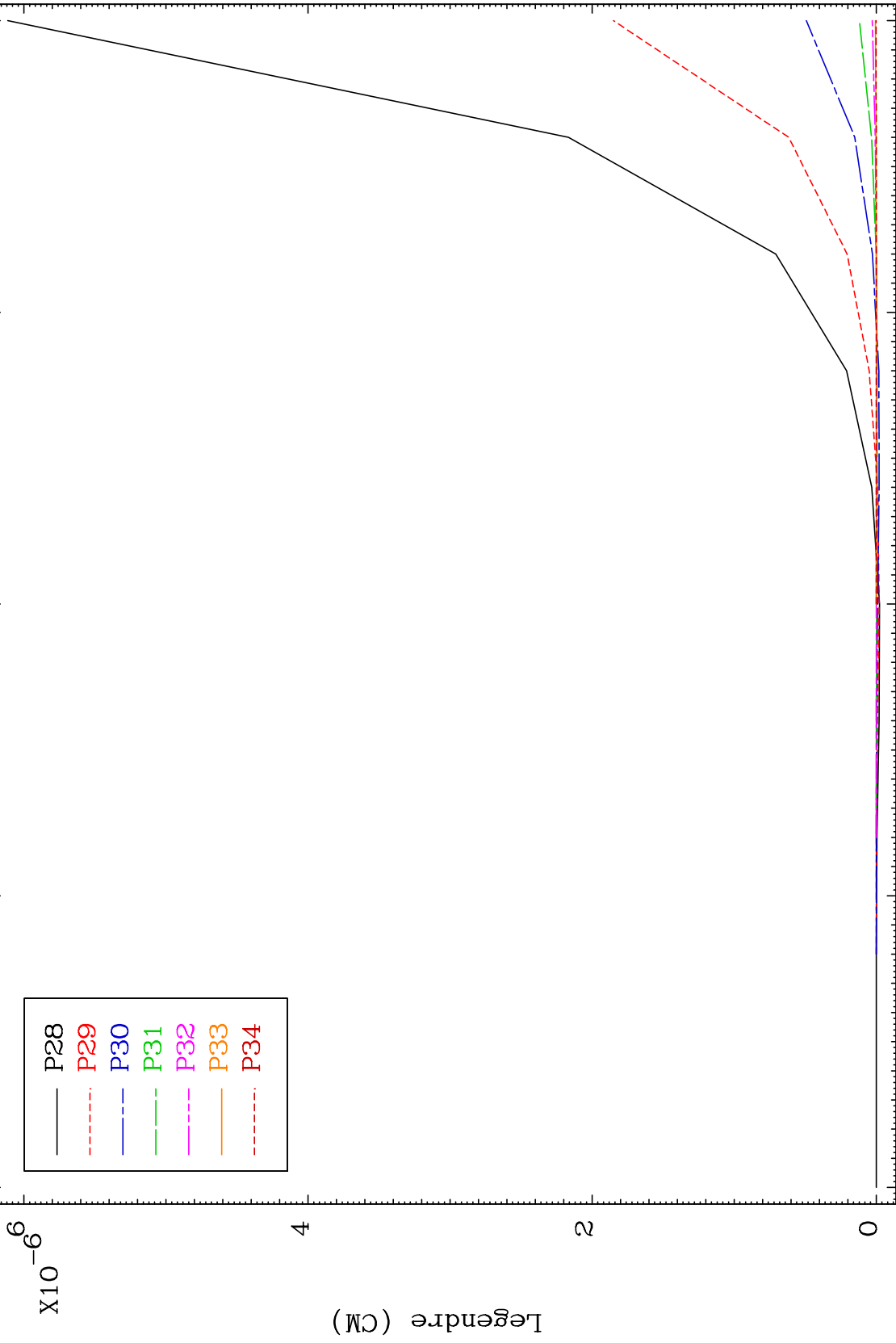
Incident Energy (MeV)

71-Lu-178

MAT 7134

Elastic Legendre Coefficients

71-Lu-178



19

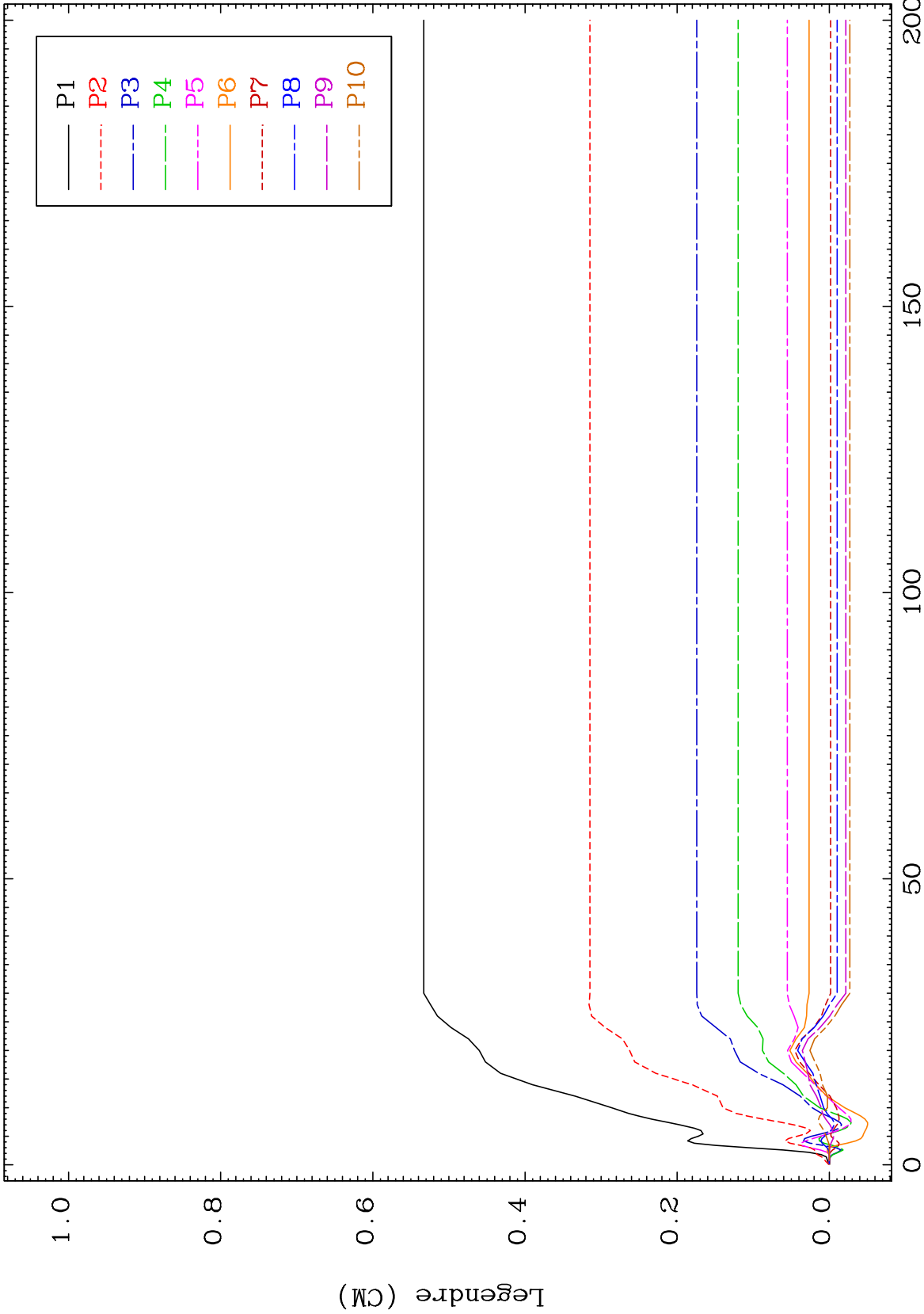
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



71-Lu-178

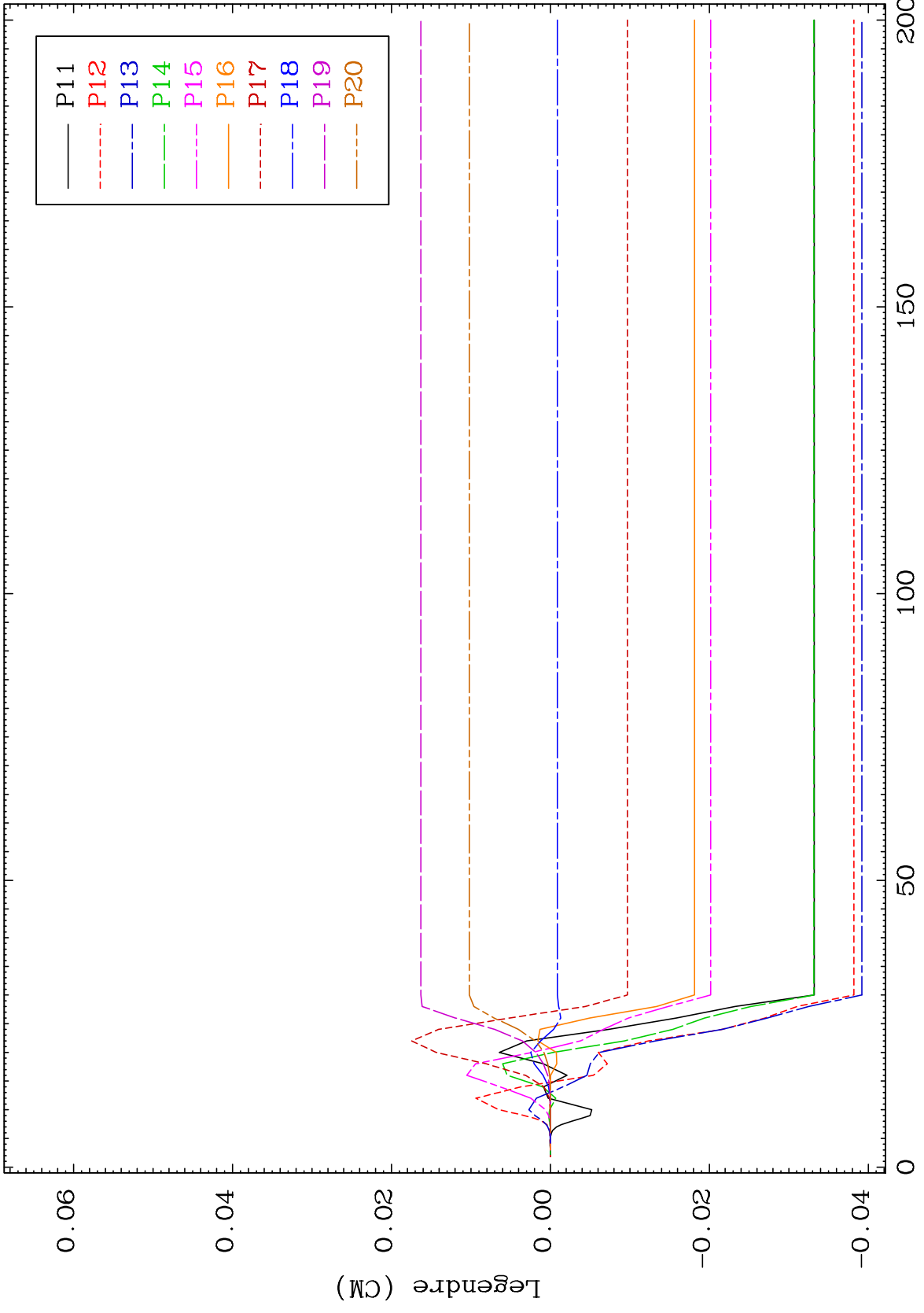
Incident Energy (MeV)

Legendre (CM)

MAT 7134

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

71-Lu-178



21

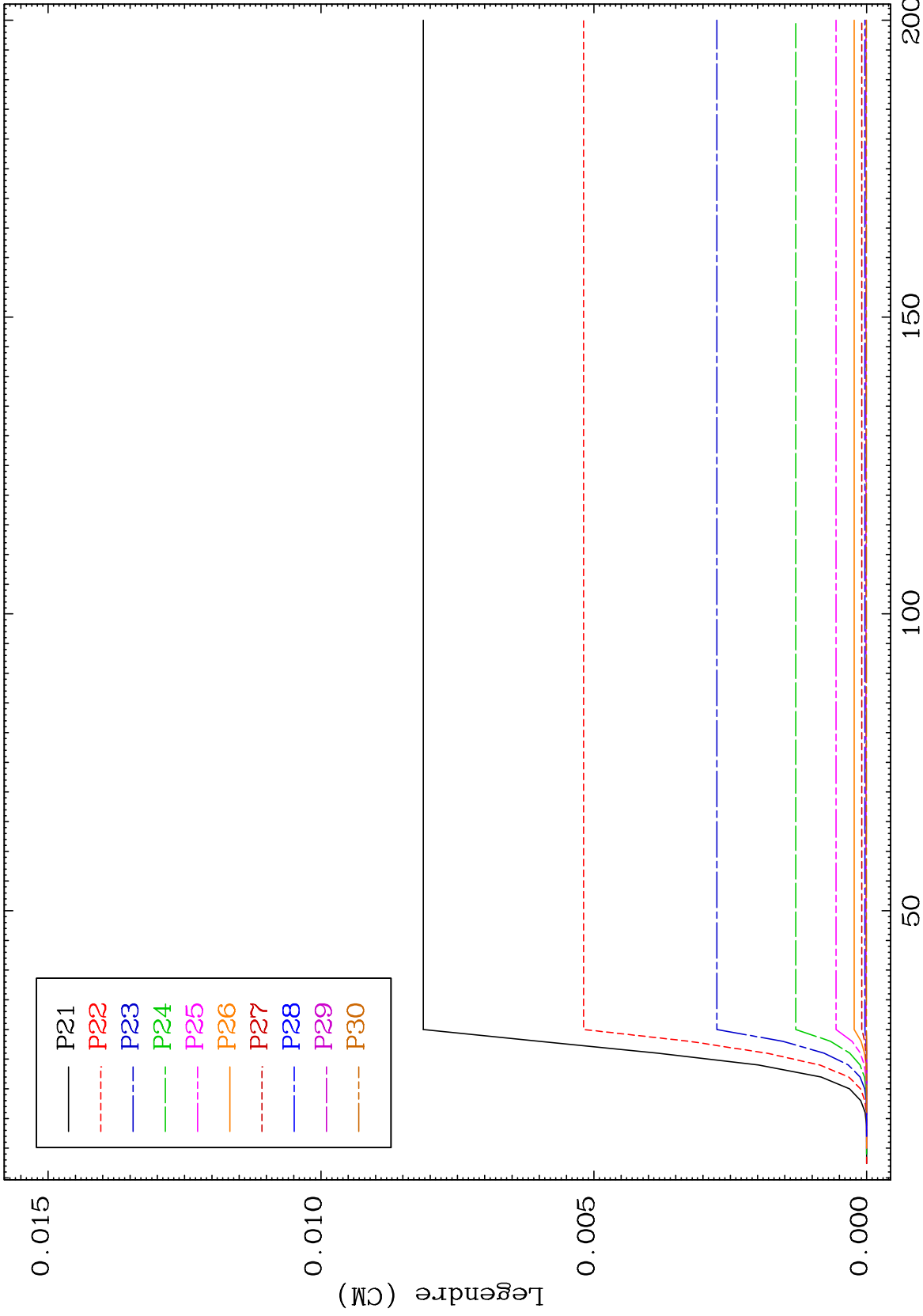
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



22

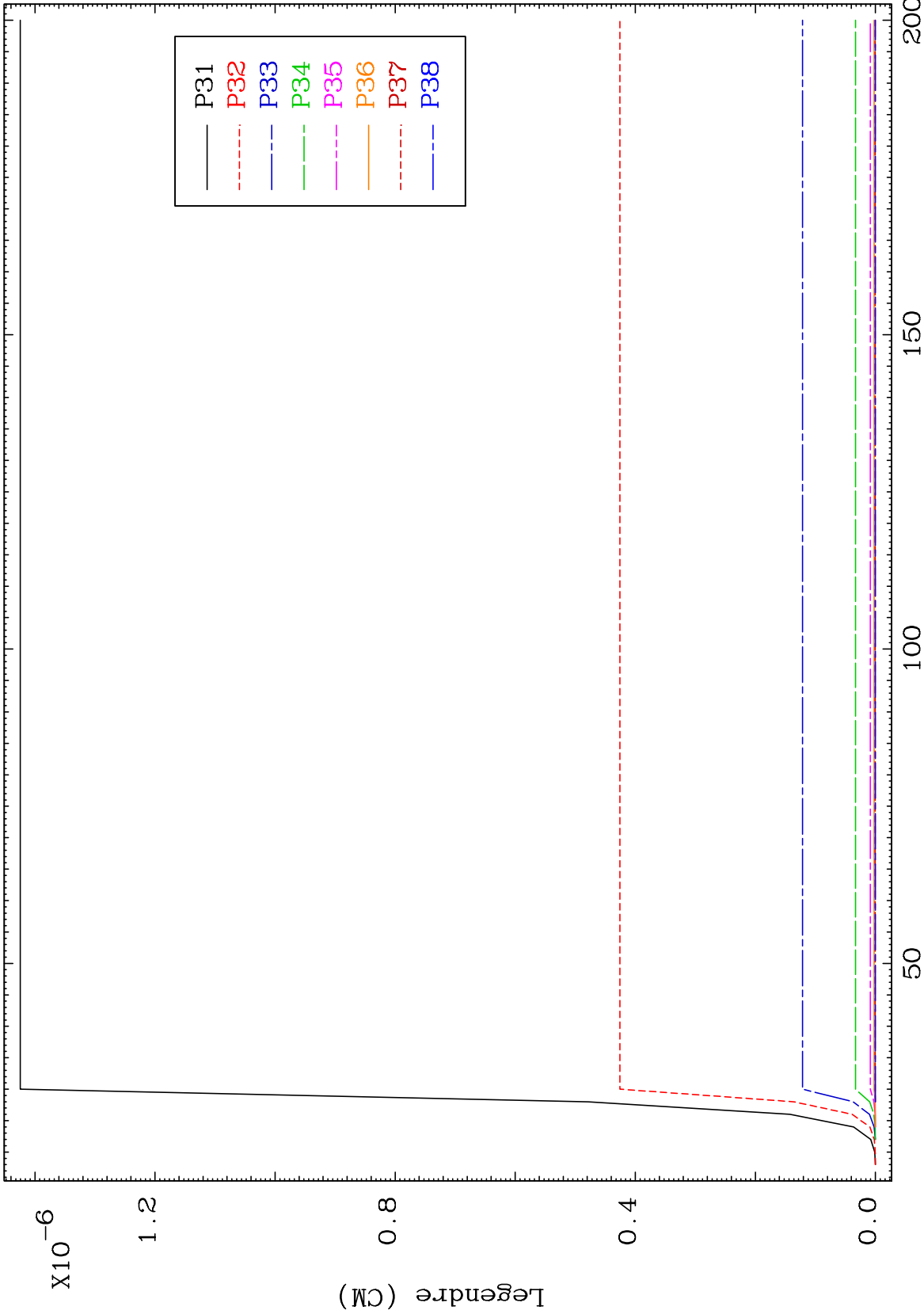
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



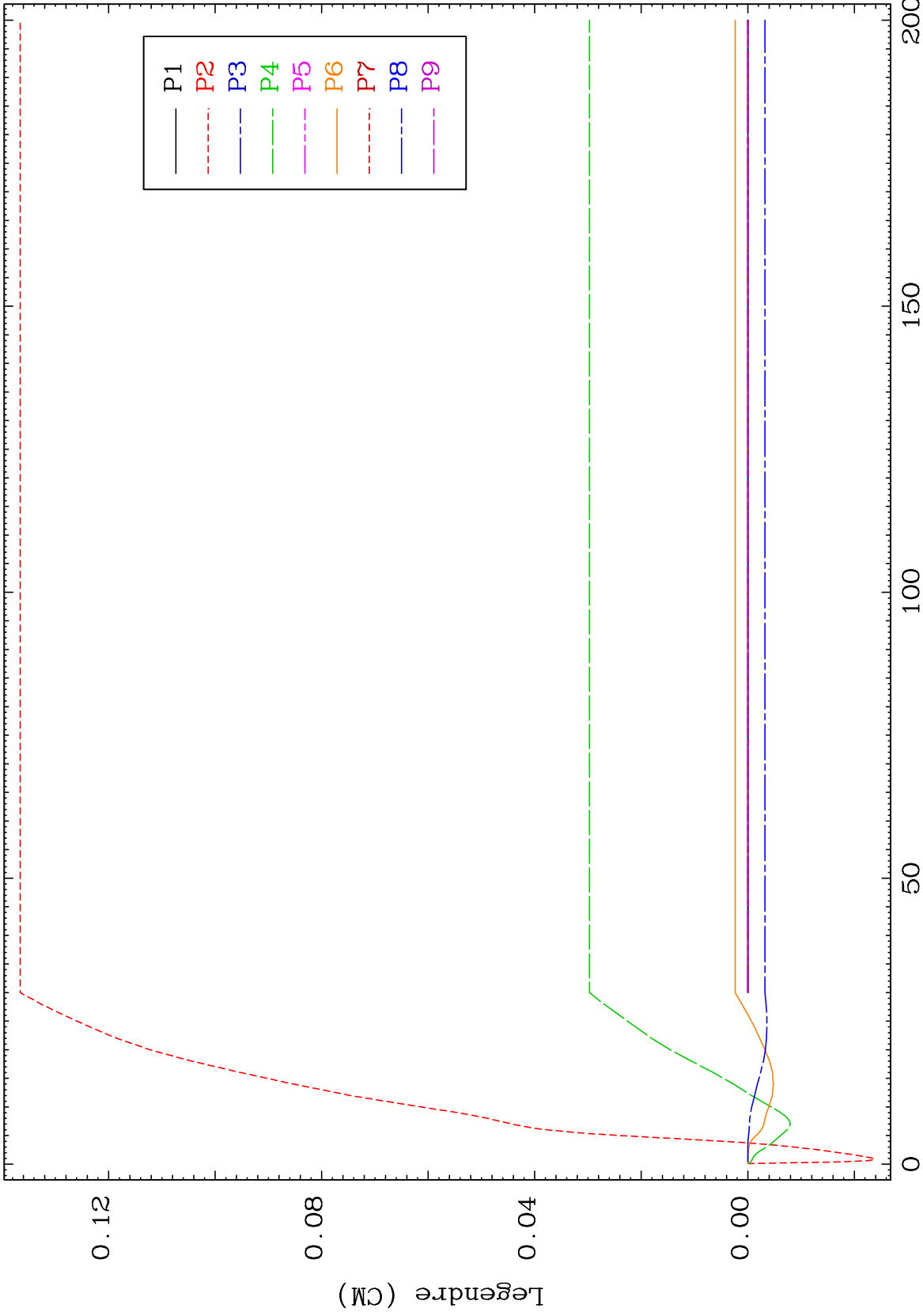
23

71-Lu-178

MAT 7134

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

71-Lu-178



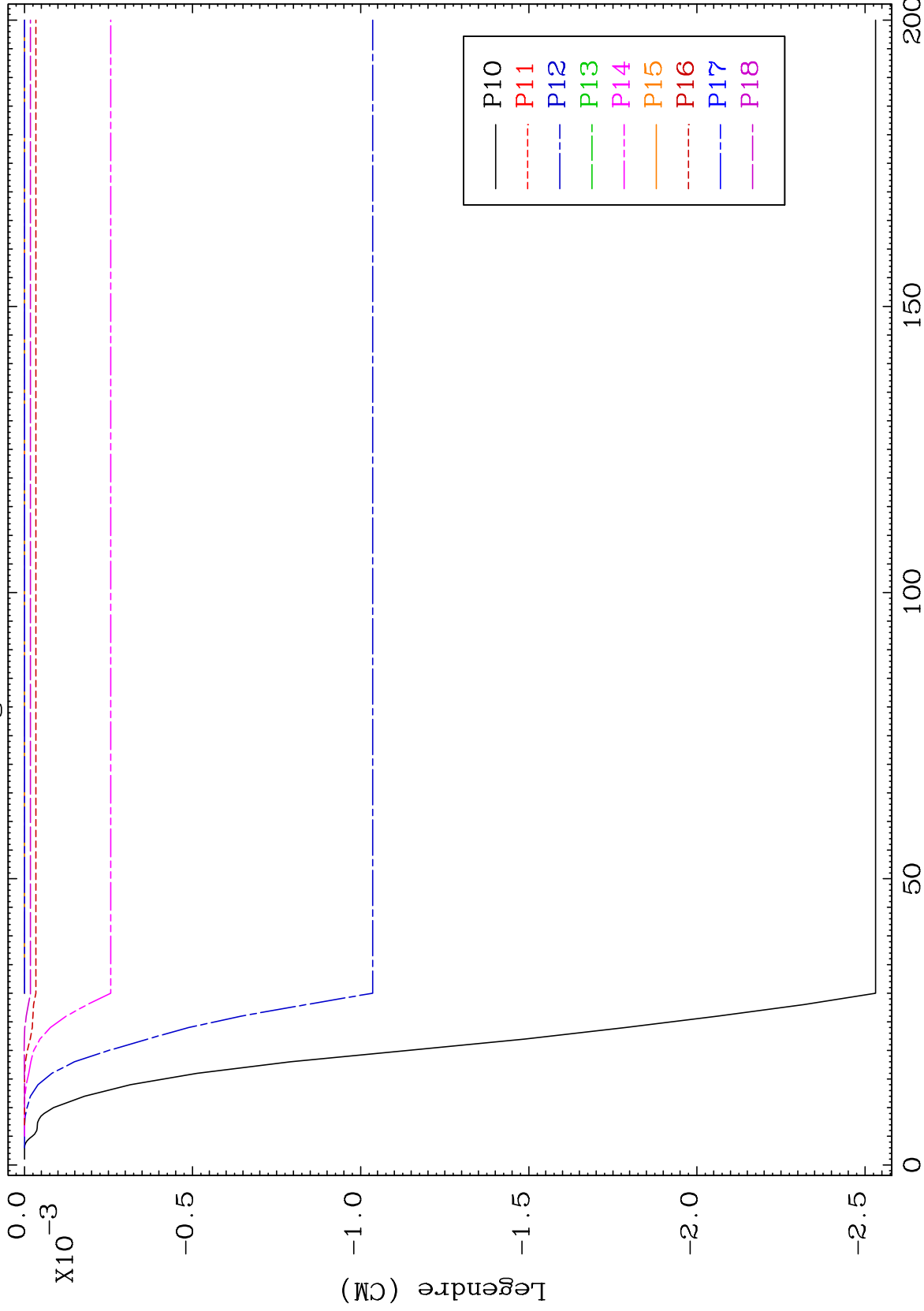
24

71-Lu-178

MAT 7134

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

71-Lu-178



25

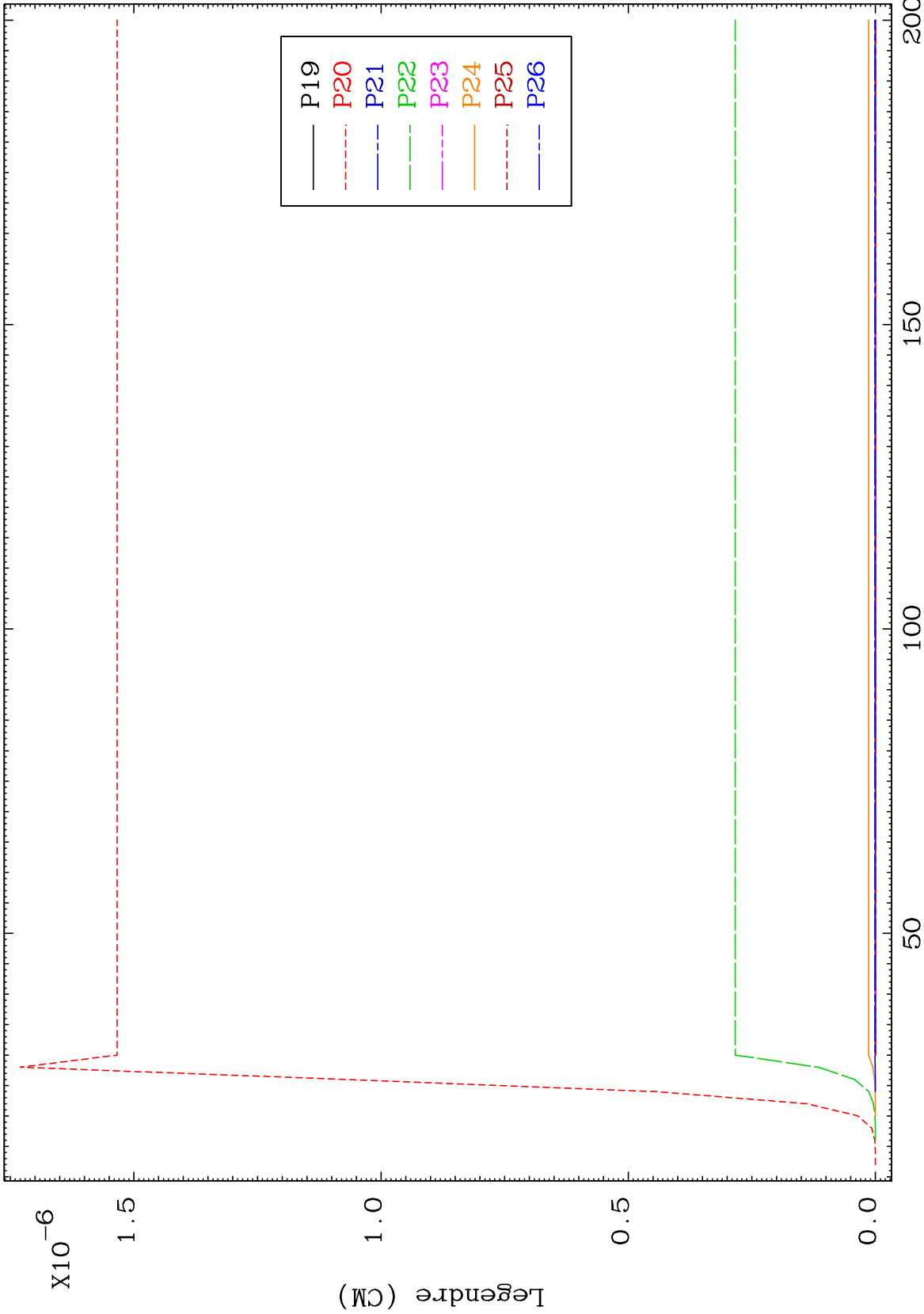
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



26

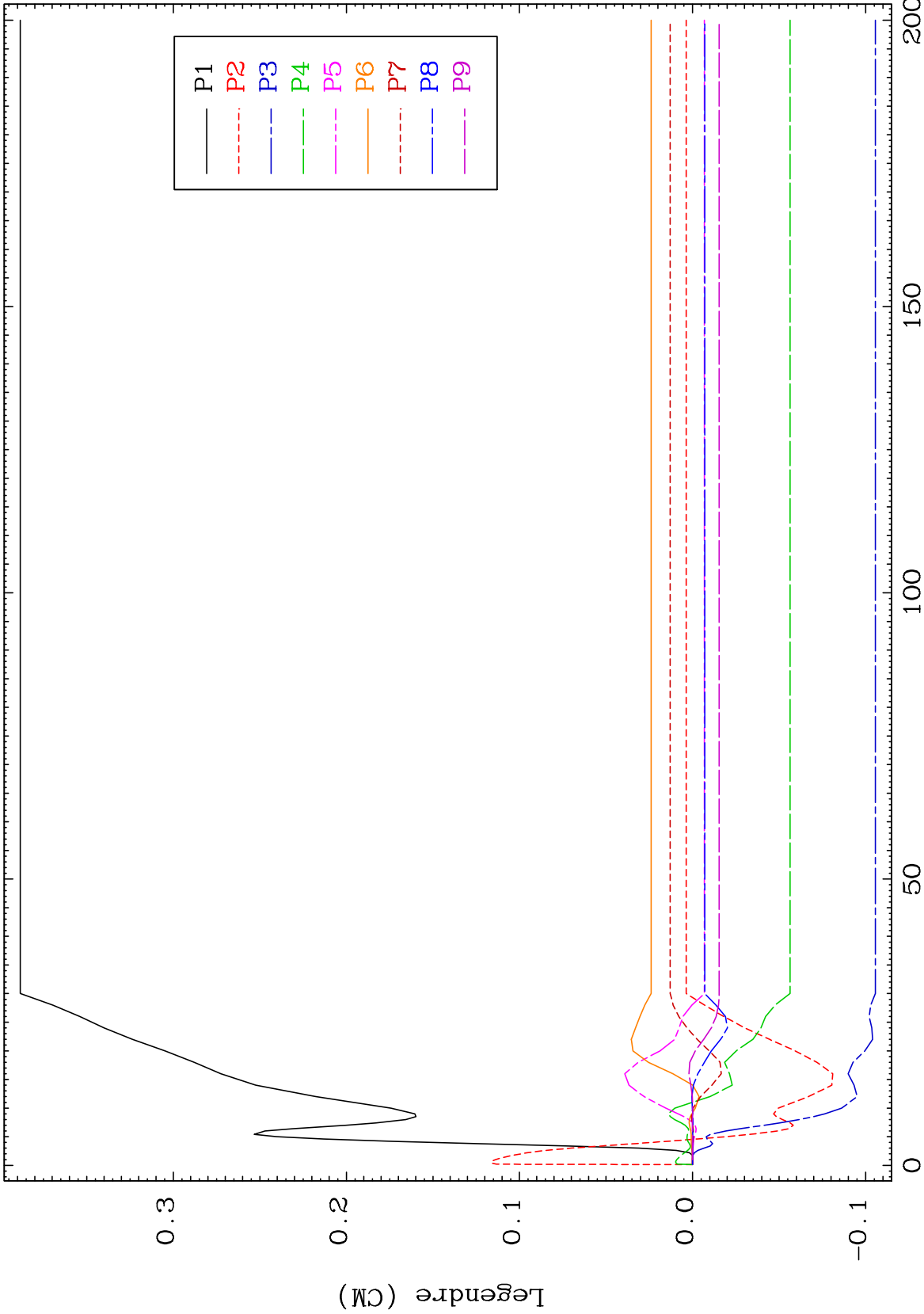
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



27

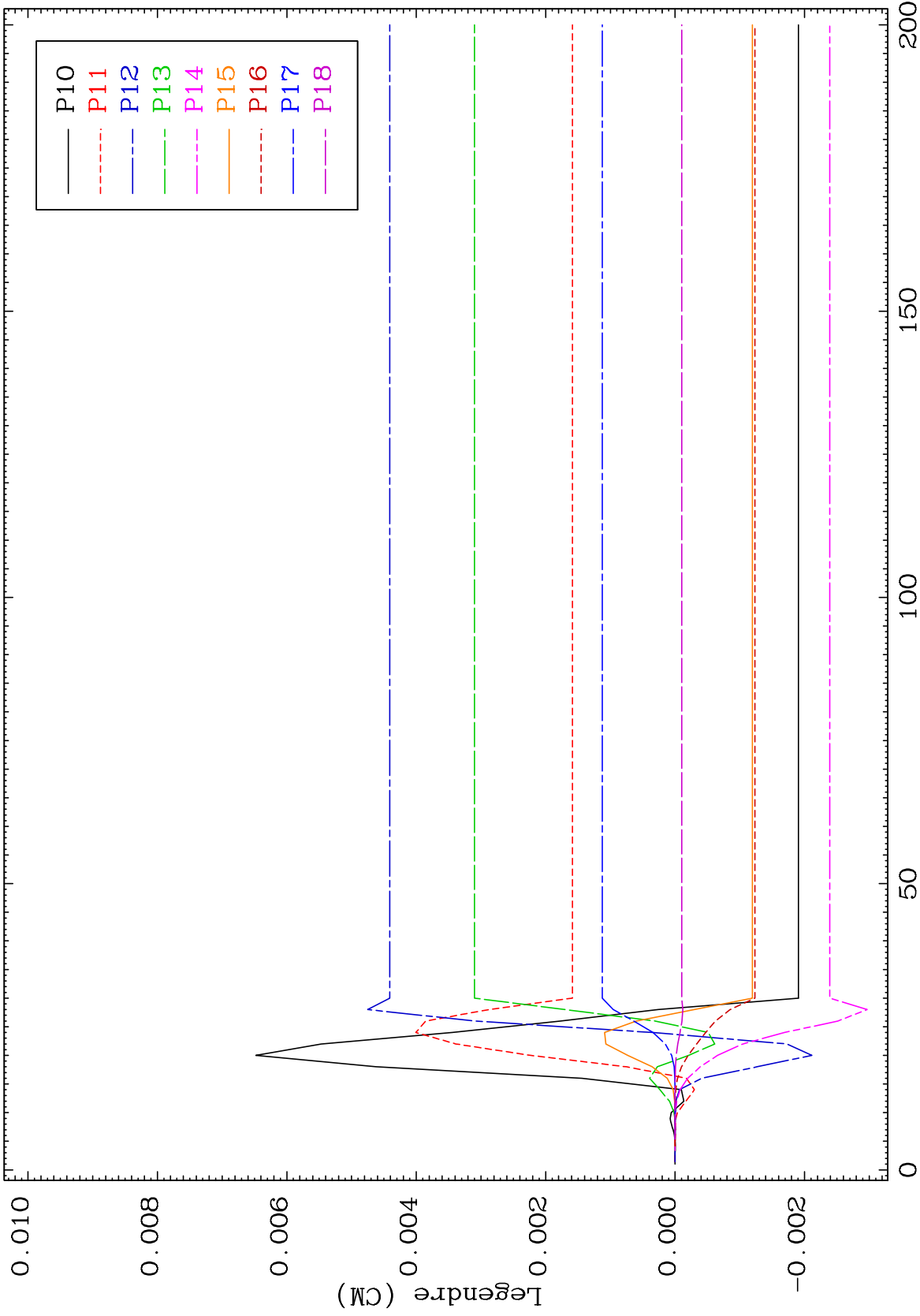
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



28

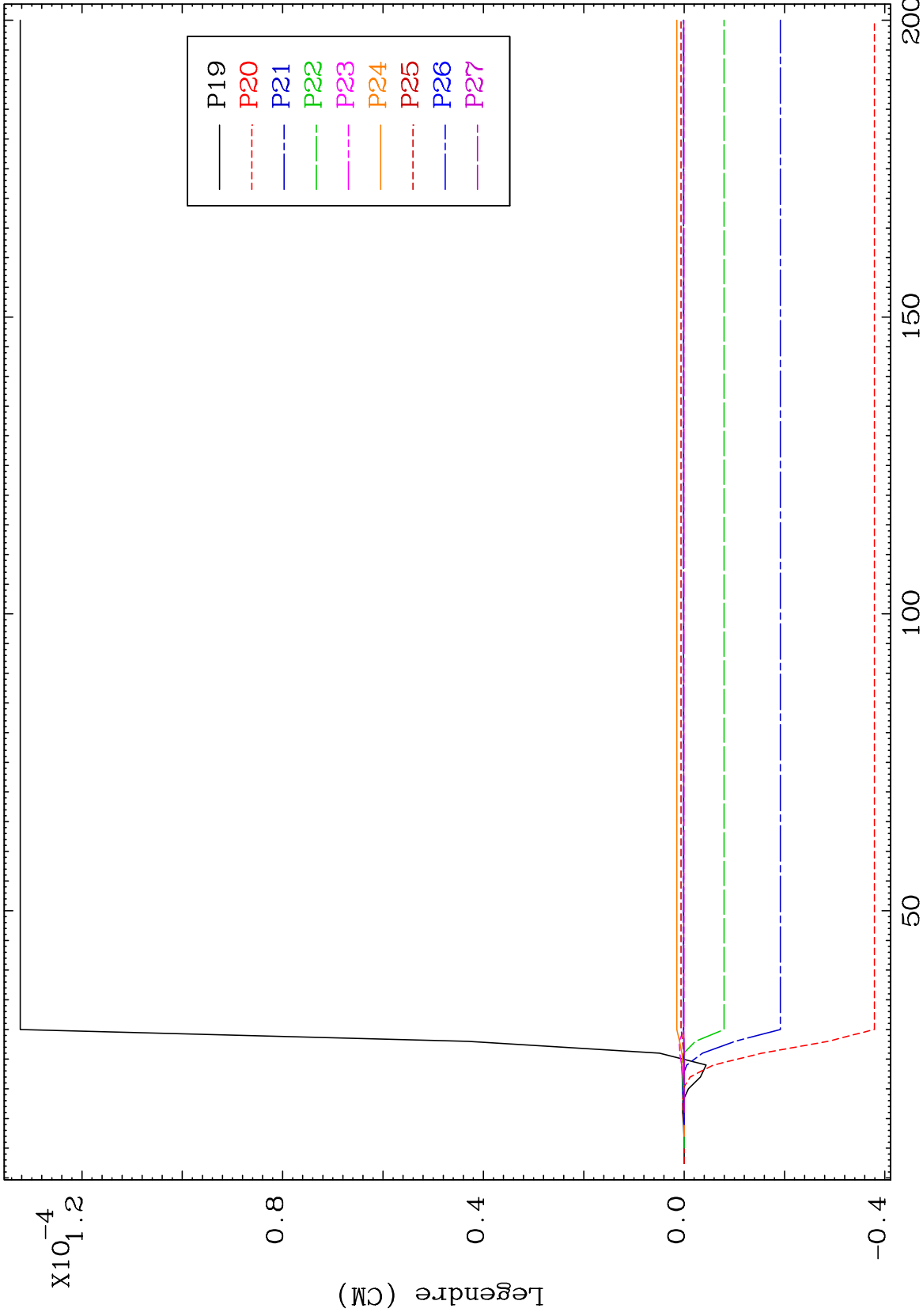
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



29

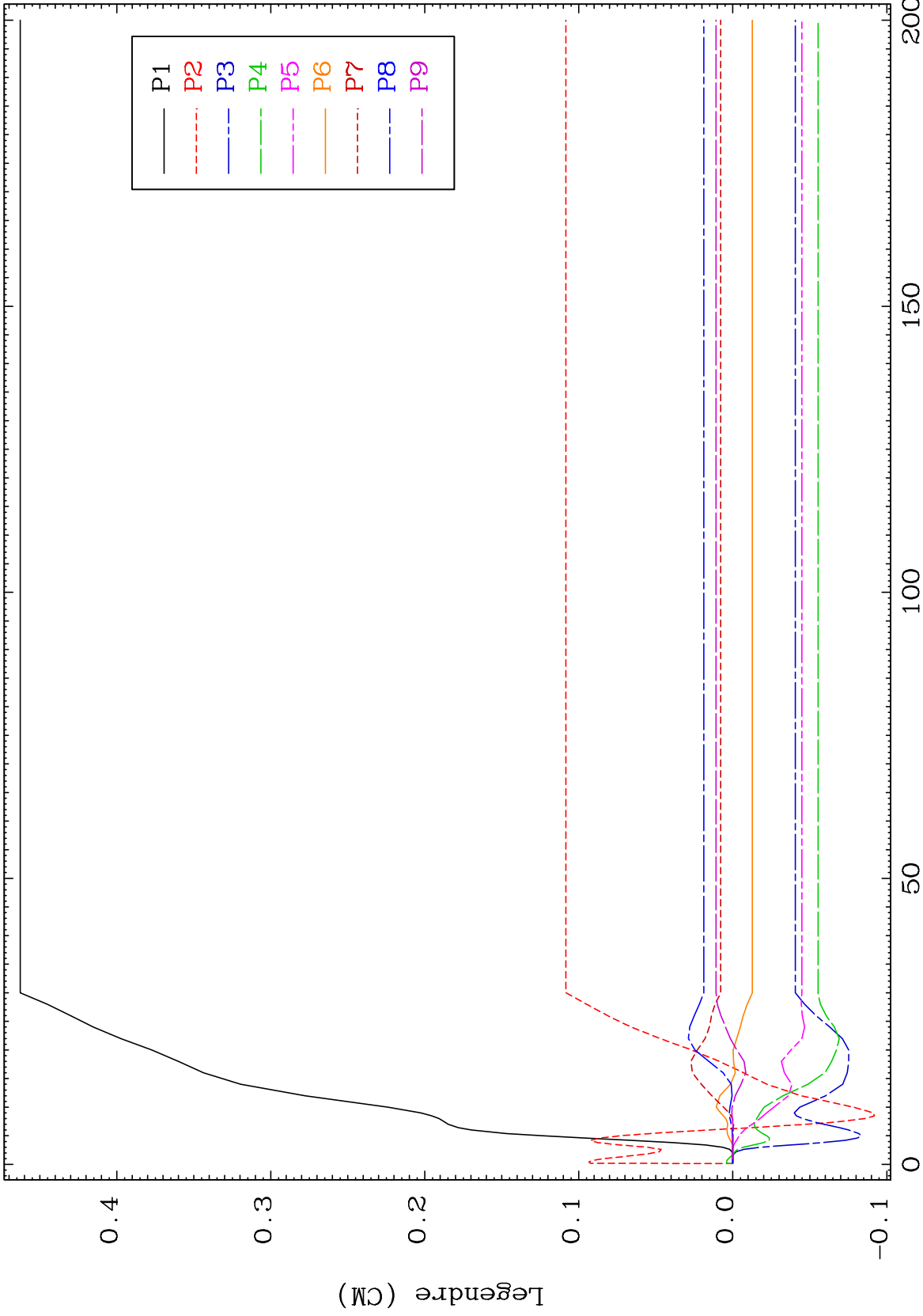
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



31

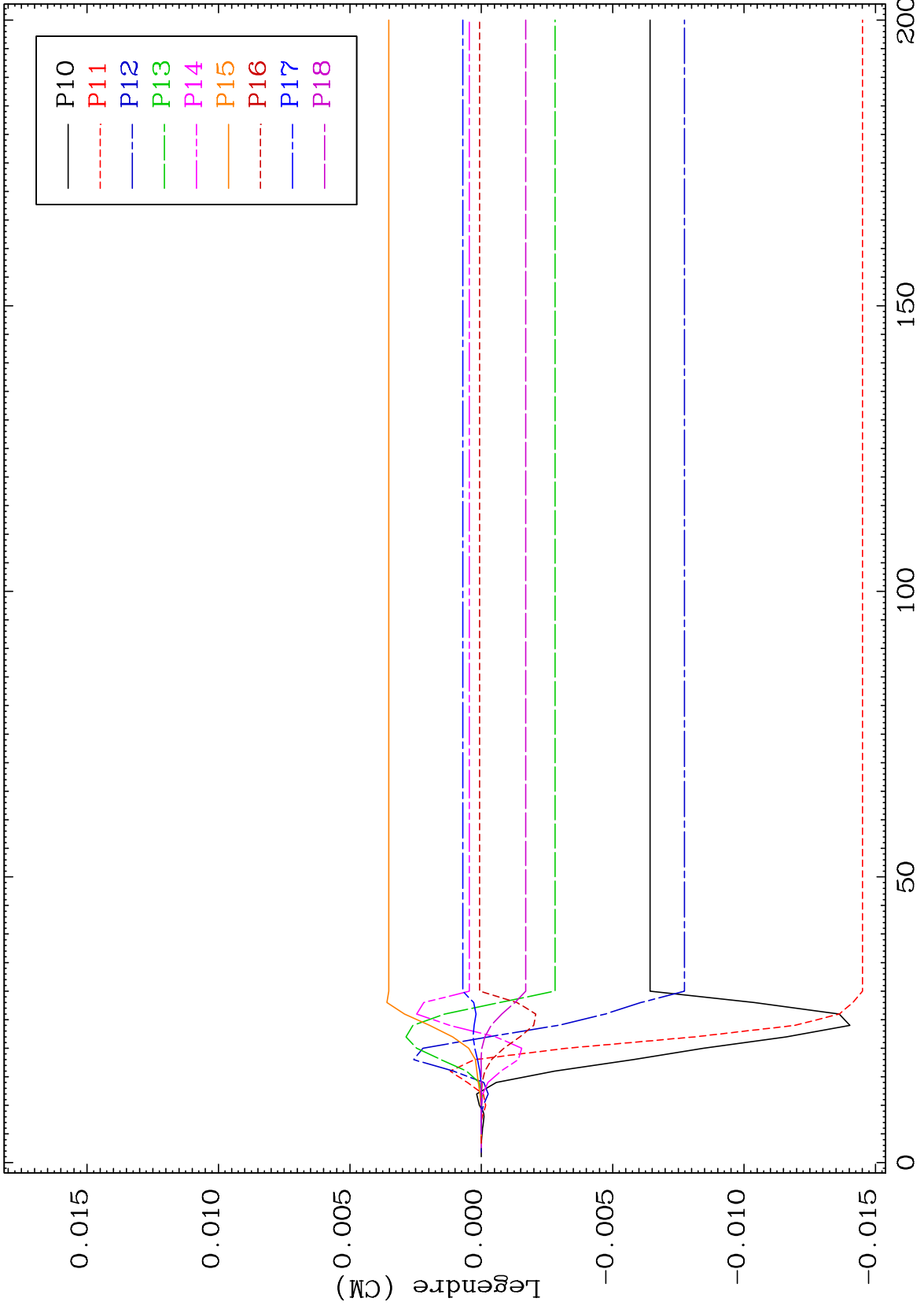
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



32

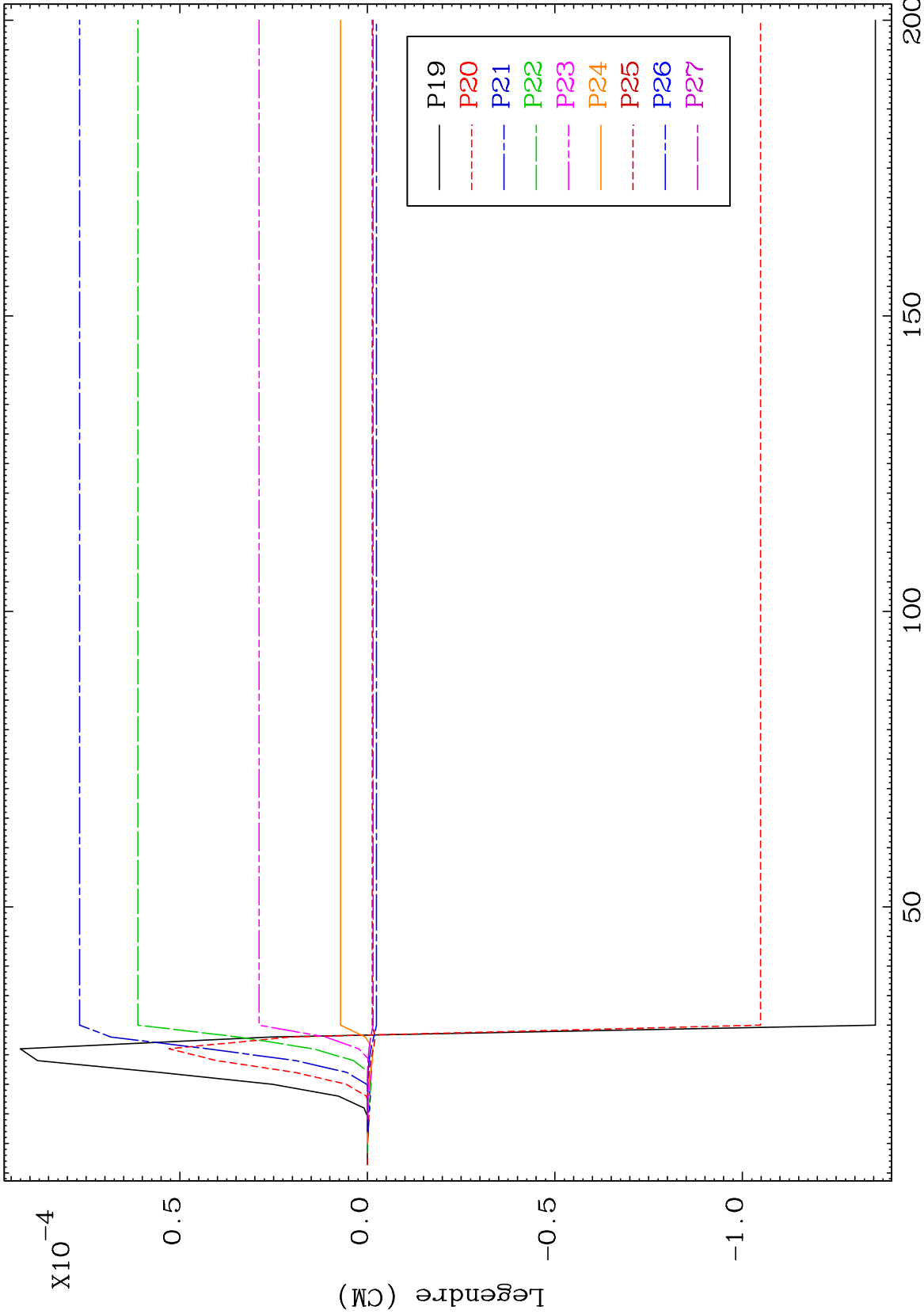
Incident Energy (MeV)

71-Lu-178

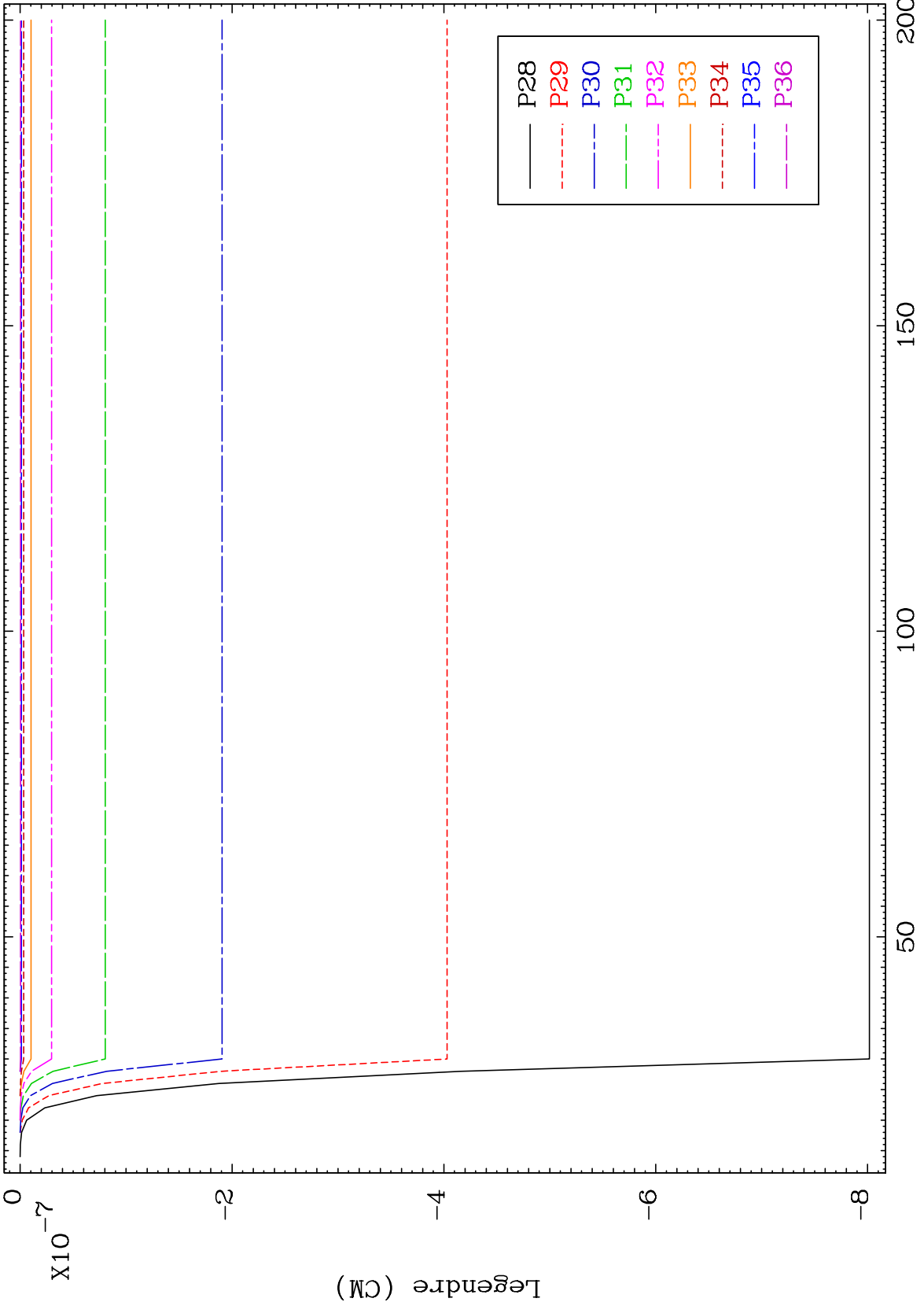
MAT 7134

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

71-Lu-178



MAT 7134 MT= 54 (n,n') Level Legendre Coefficients 71-Lu-178

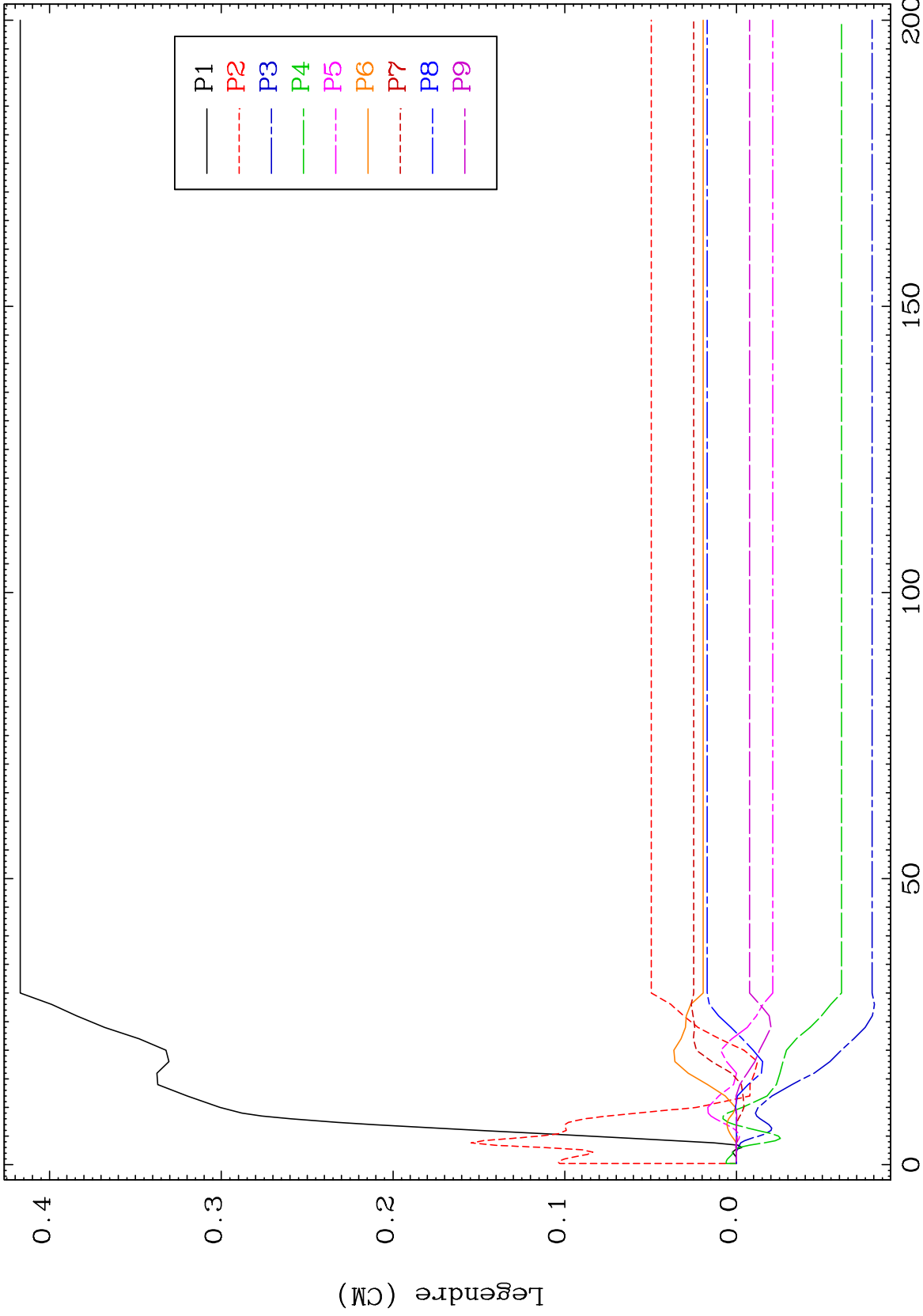


34 71-Lu-178

MAT 7134

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

71-Lu-178



35

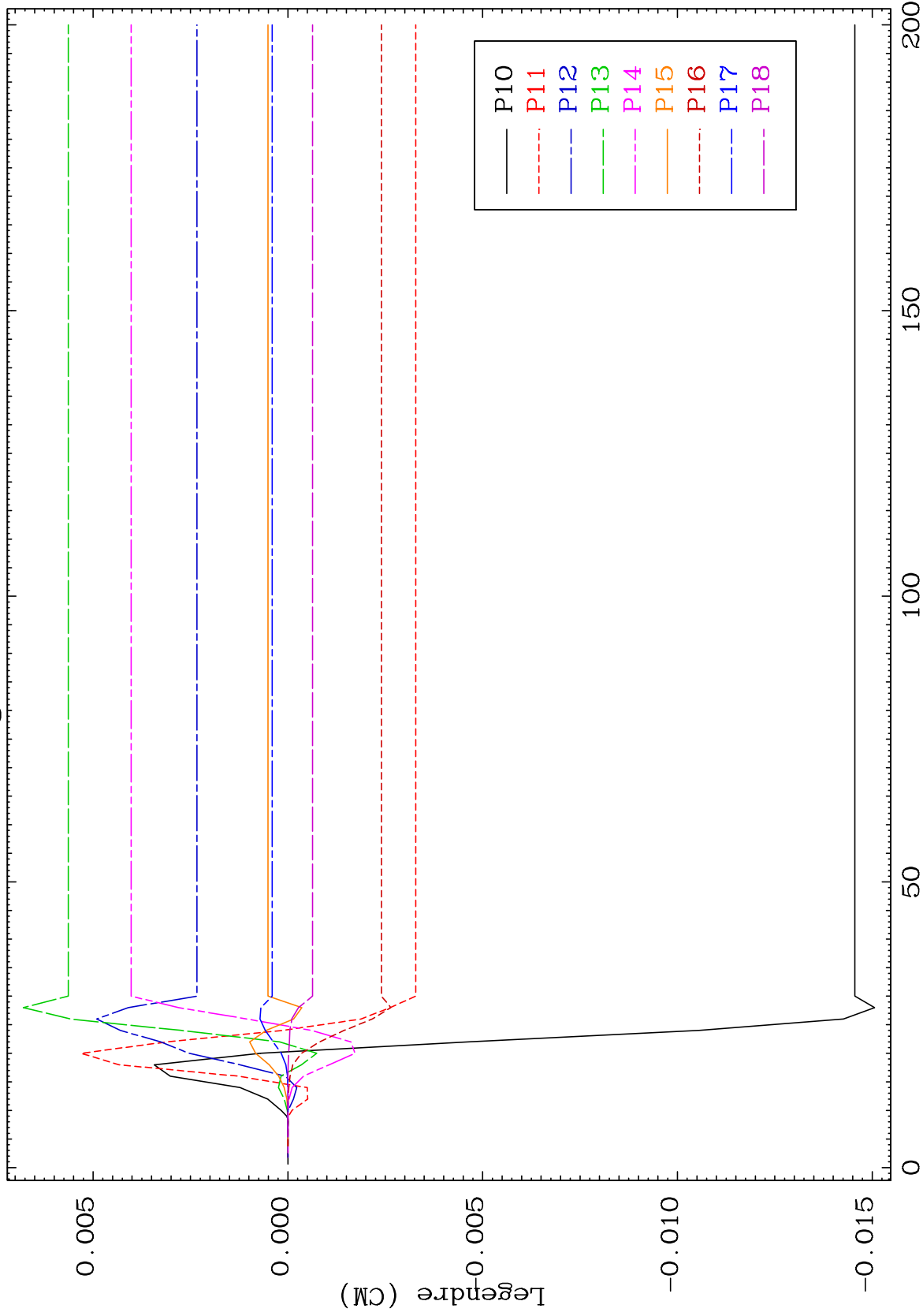
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



36

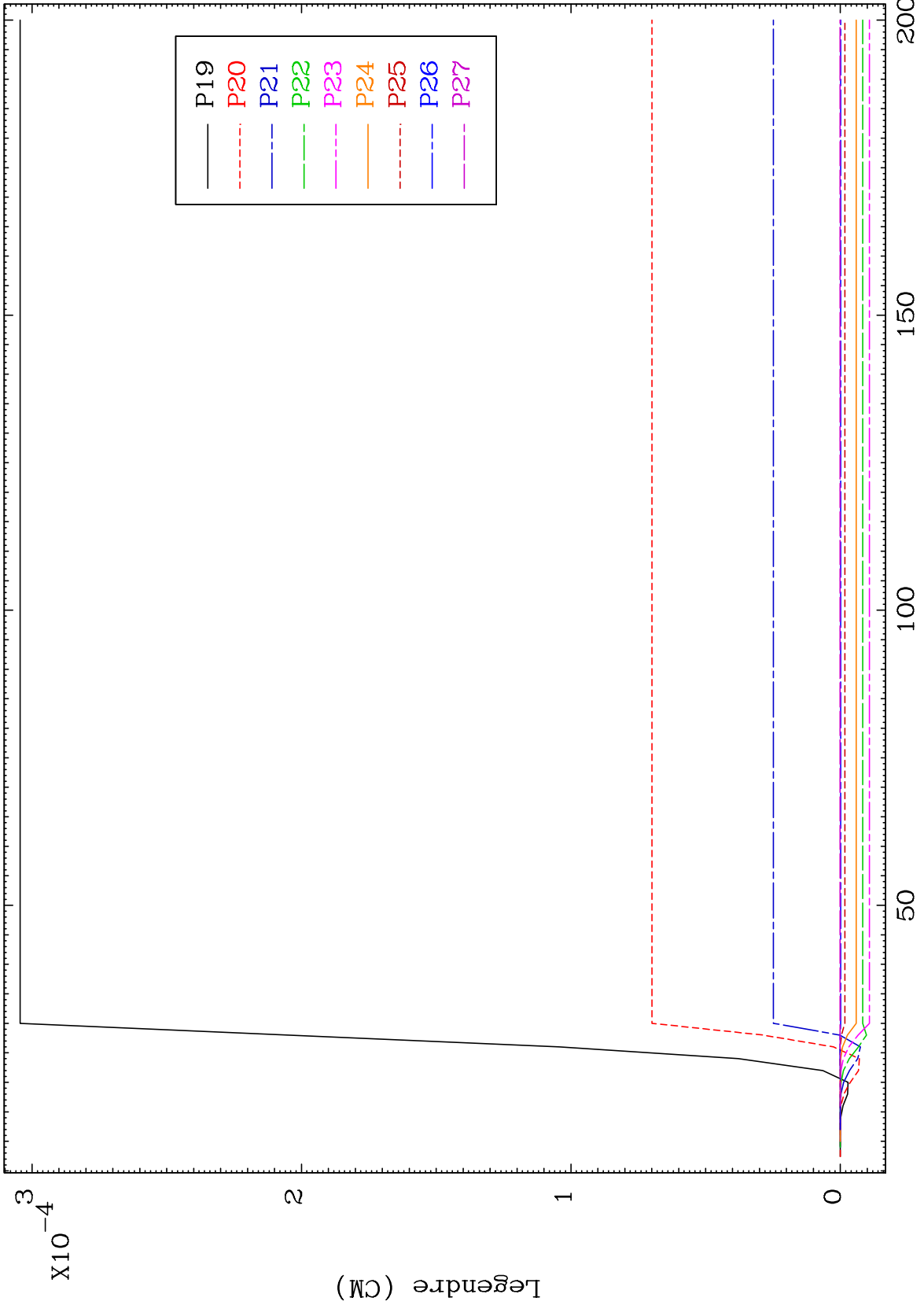
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

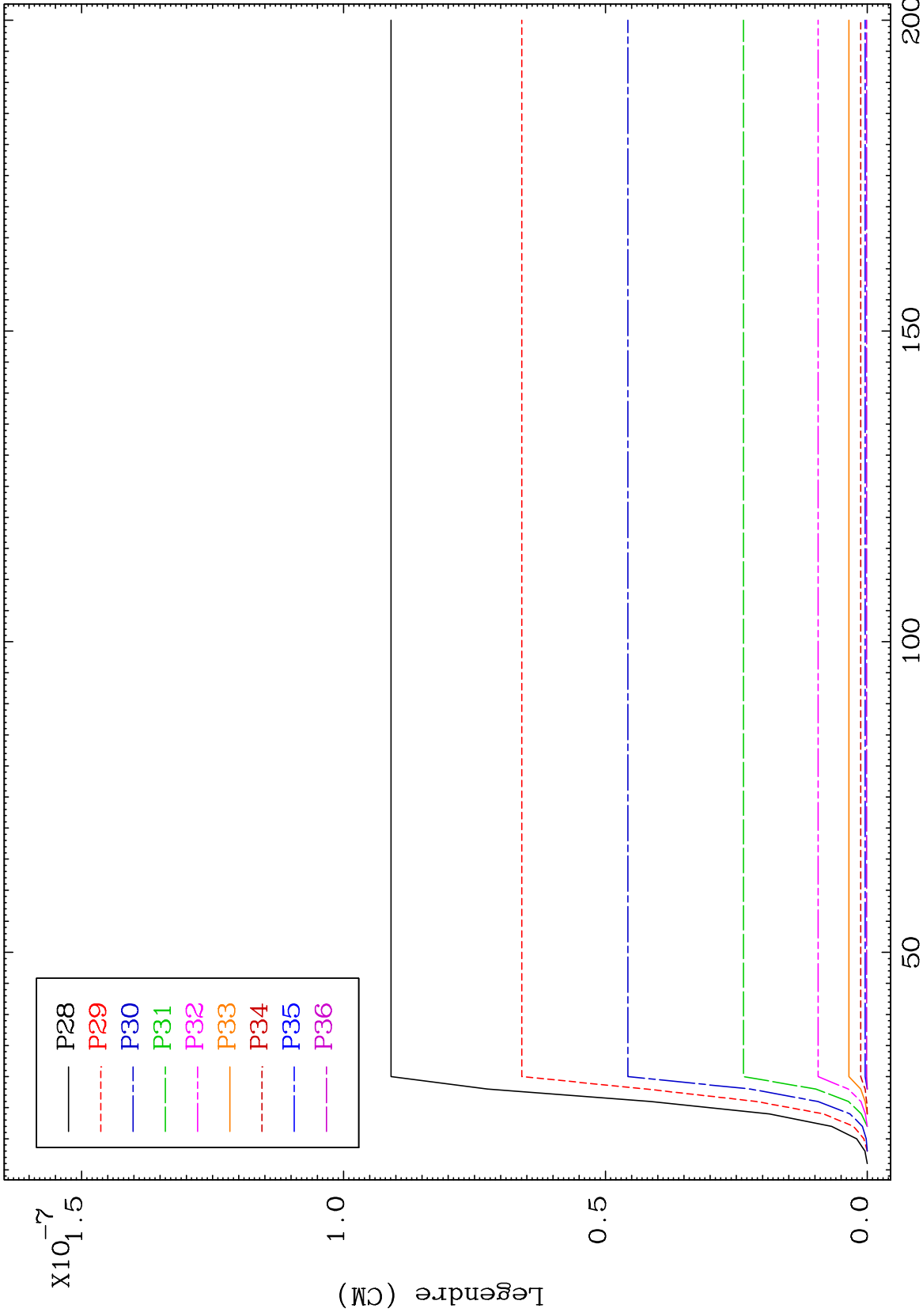
71-Lu-178



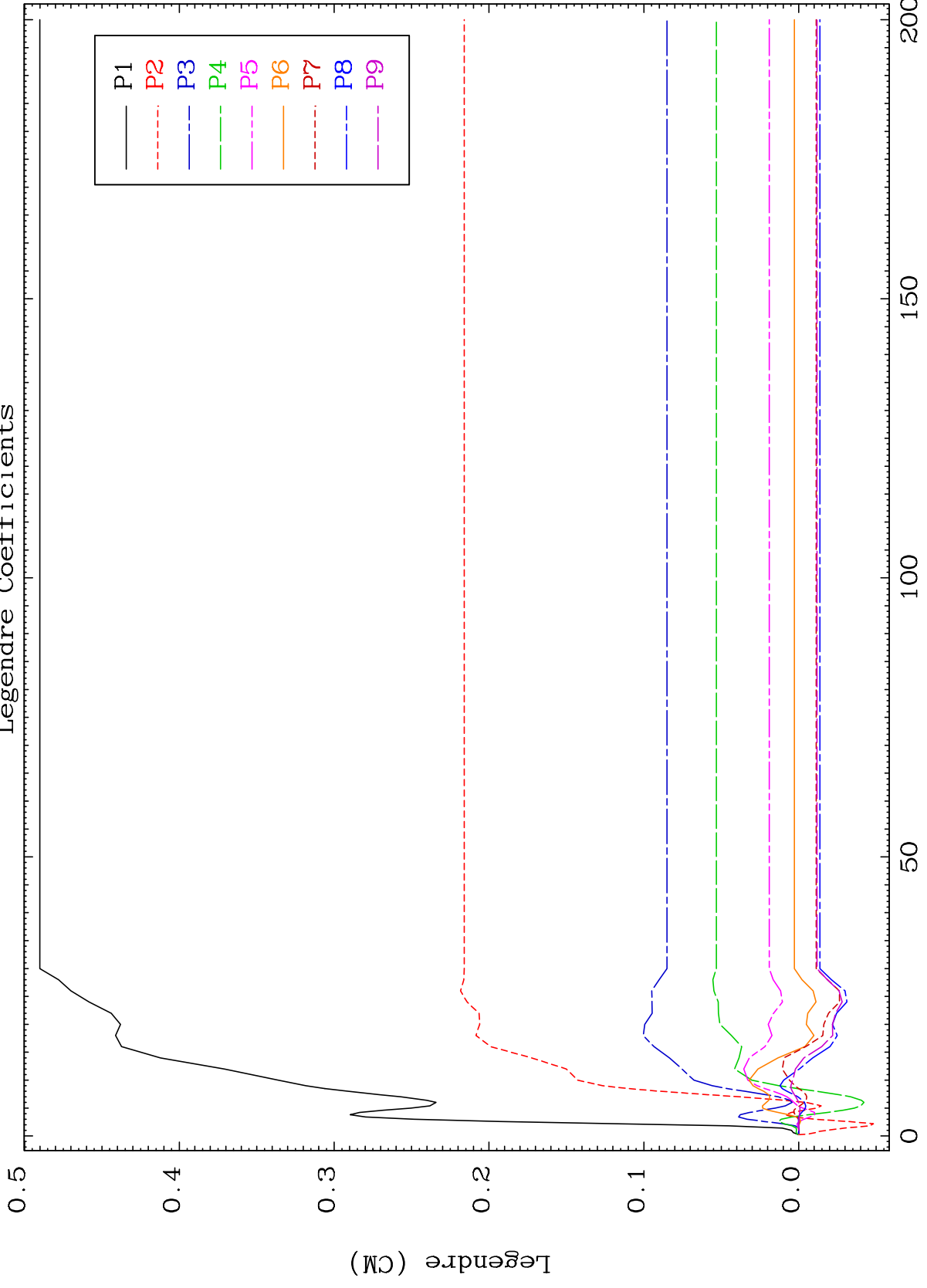
37

Incident Energy (MeV)

71-Lu-178



MAT 7134 MT= 56 (n,n') Level Legendre Coefficients 71-Lu-178

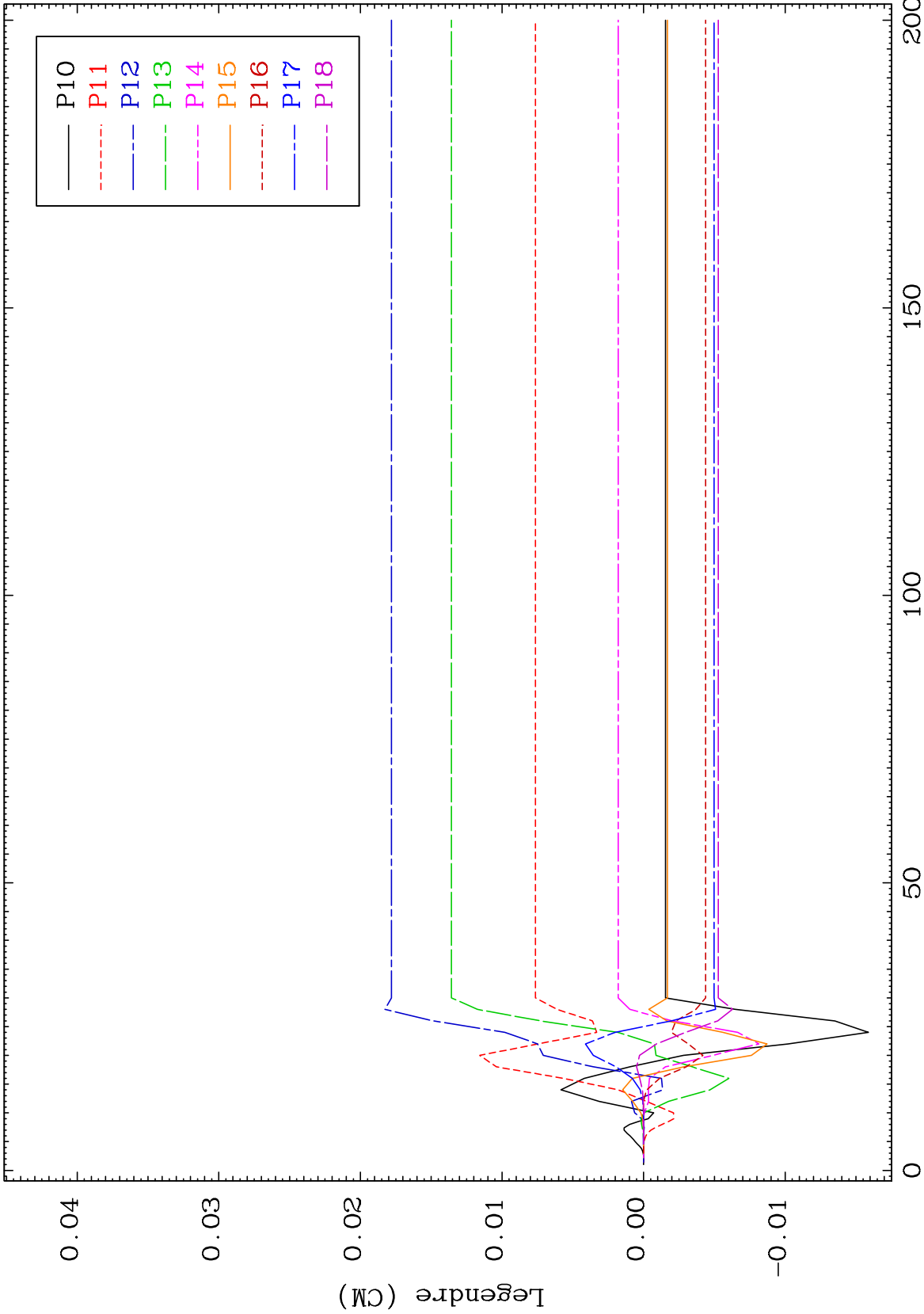


39 71-Lu-178

MAT 7134

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

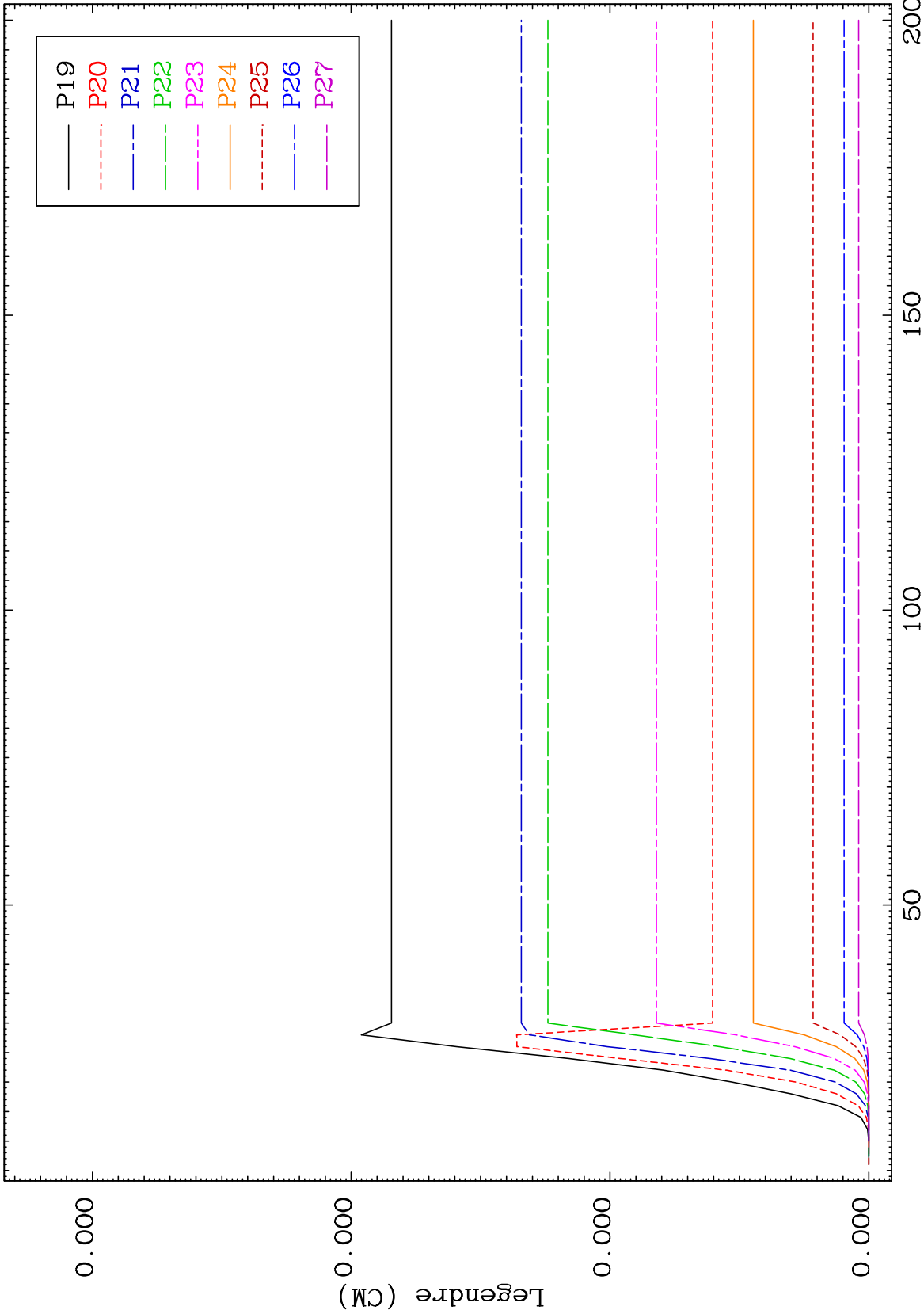
71-Lu-178



40

Incident Energy (MeV)

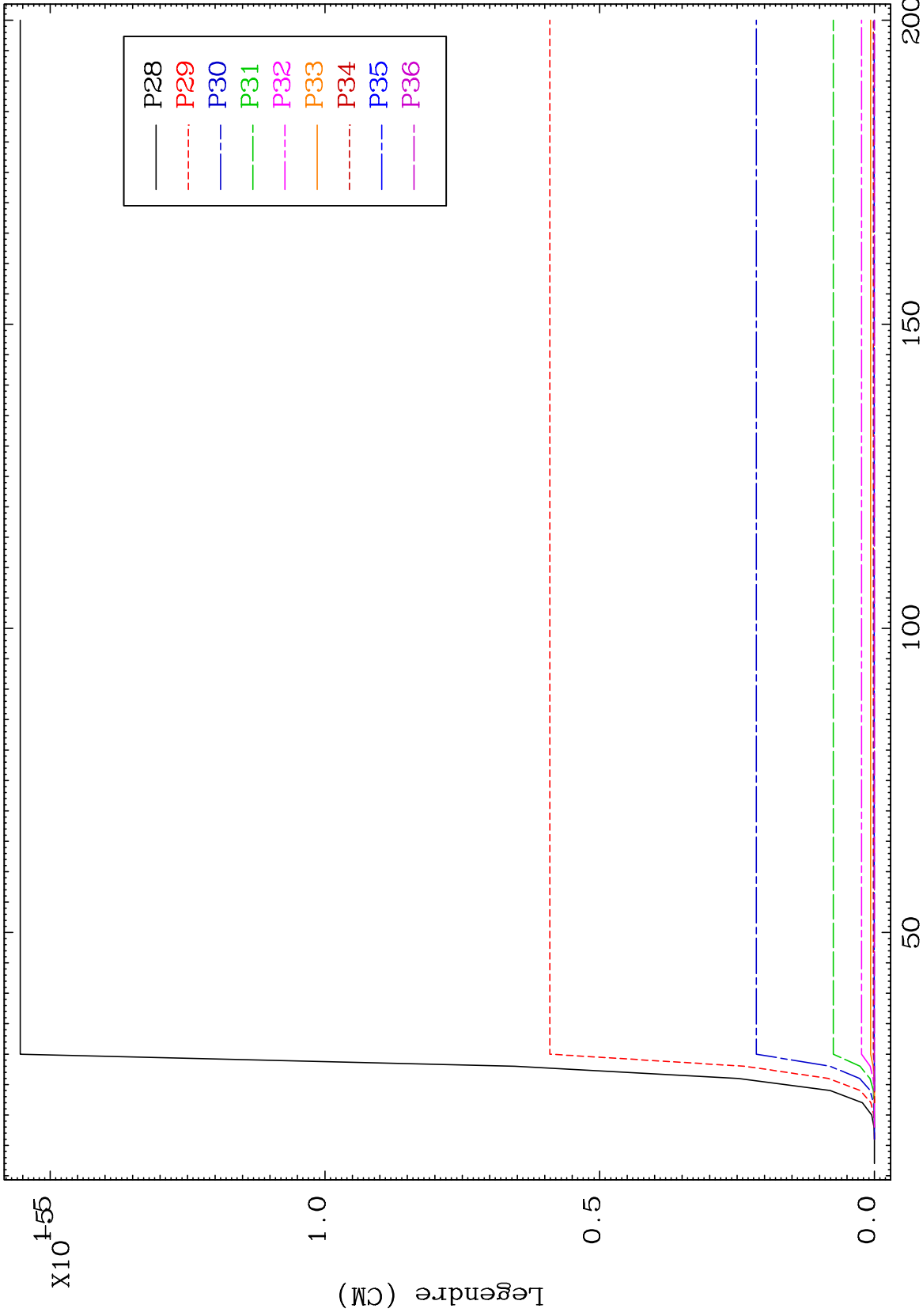
71-Lu-178



MAT 7134

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

71-Lu-178



42

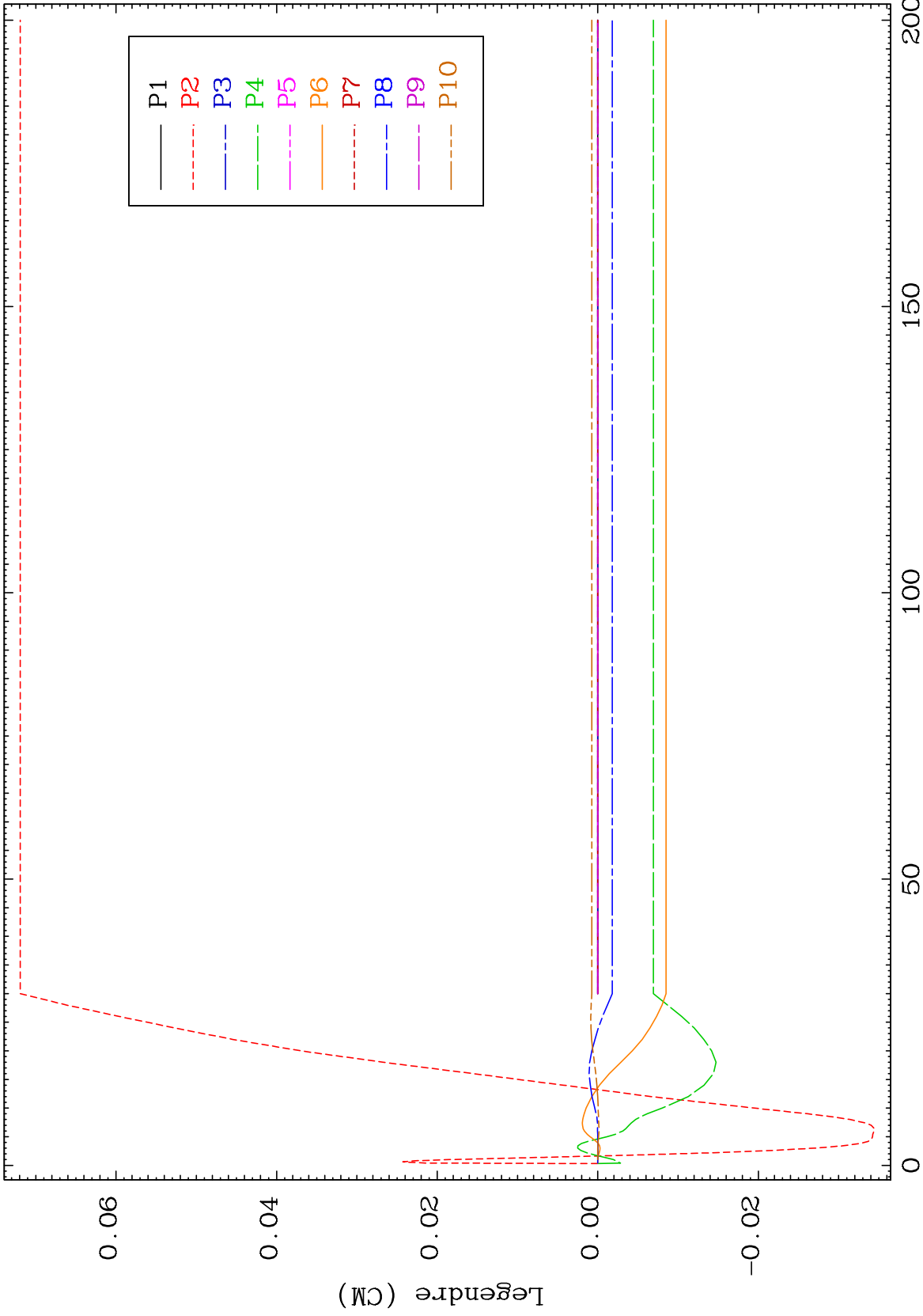
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



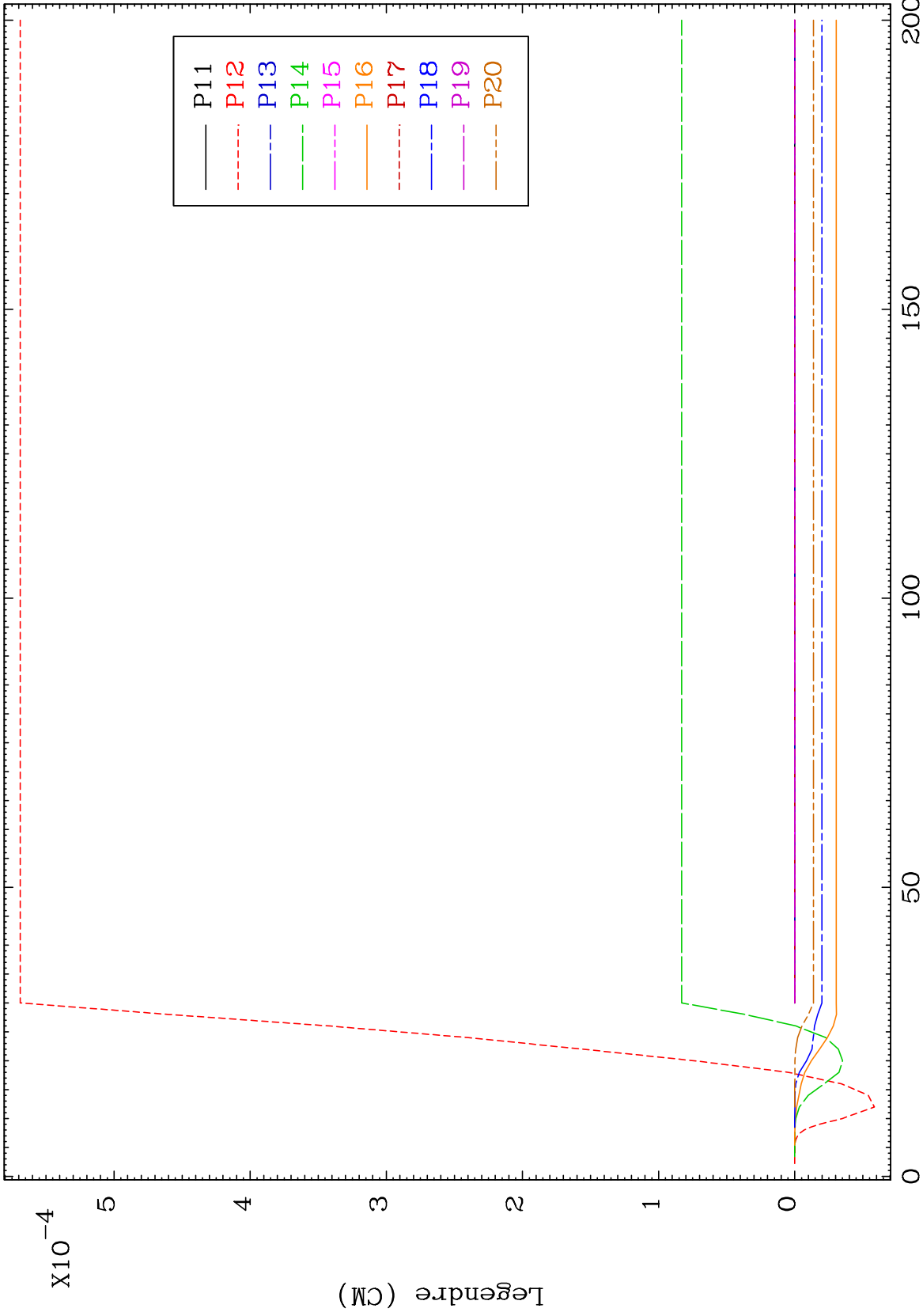
43

71-Lu-178

MAT 7134

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

71-Lu-178



44

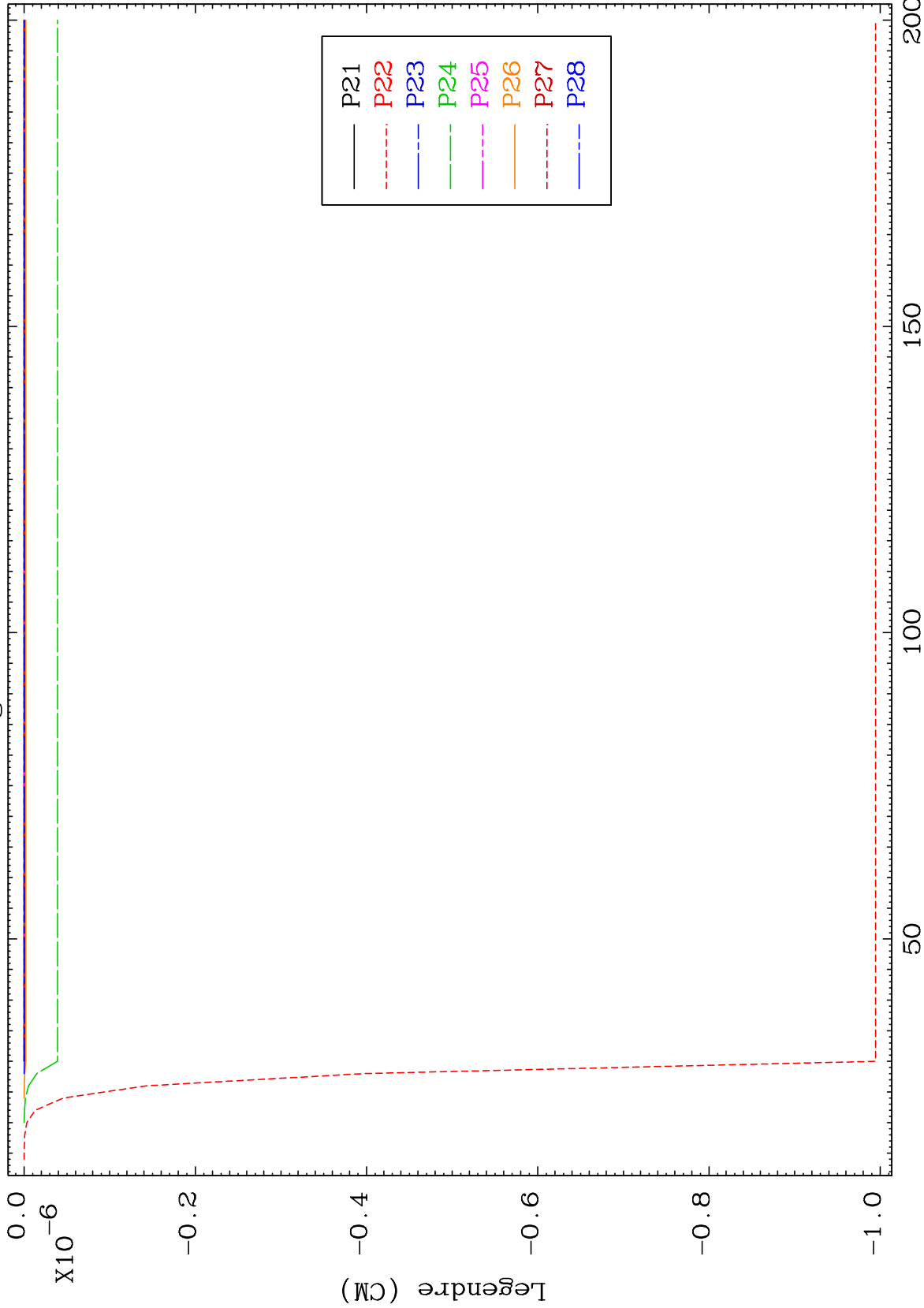
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



45

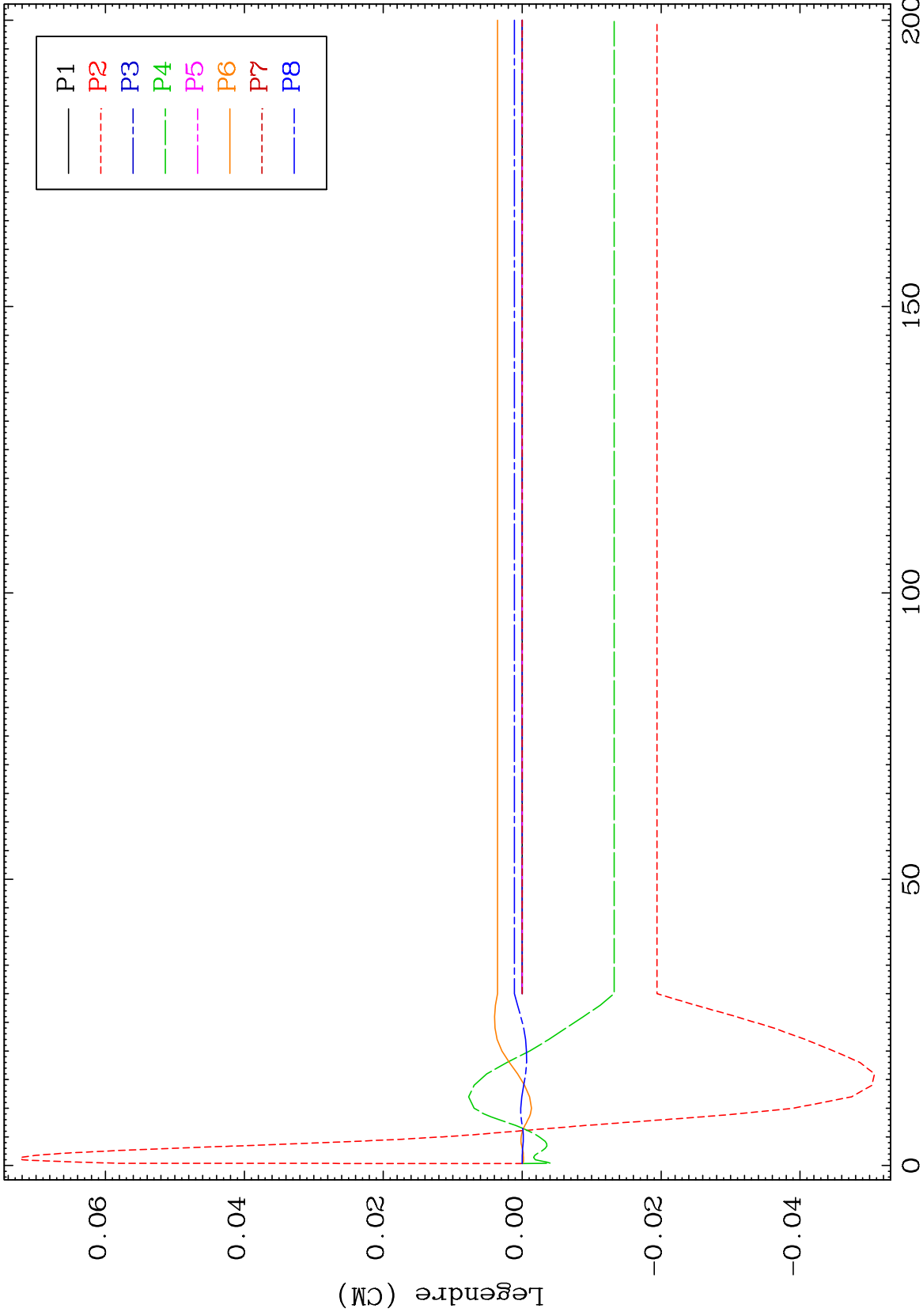
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



46

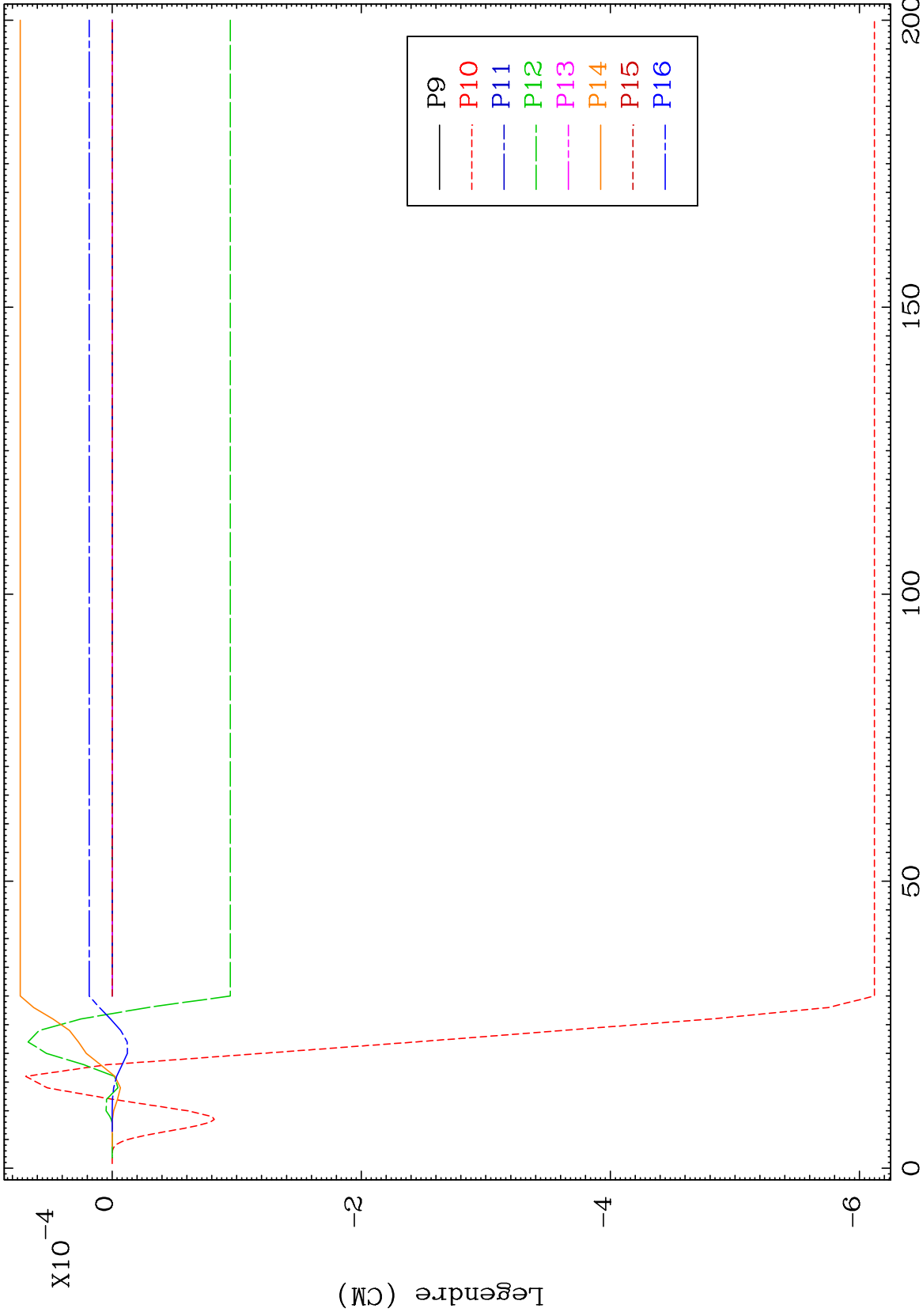
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



47

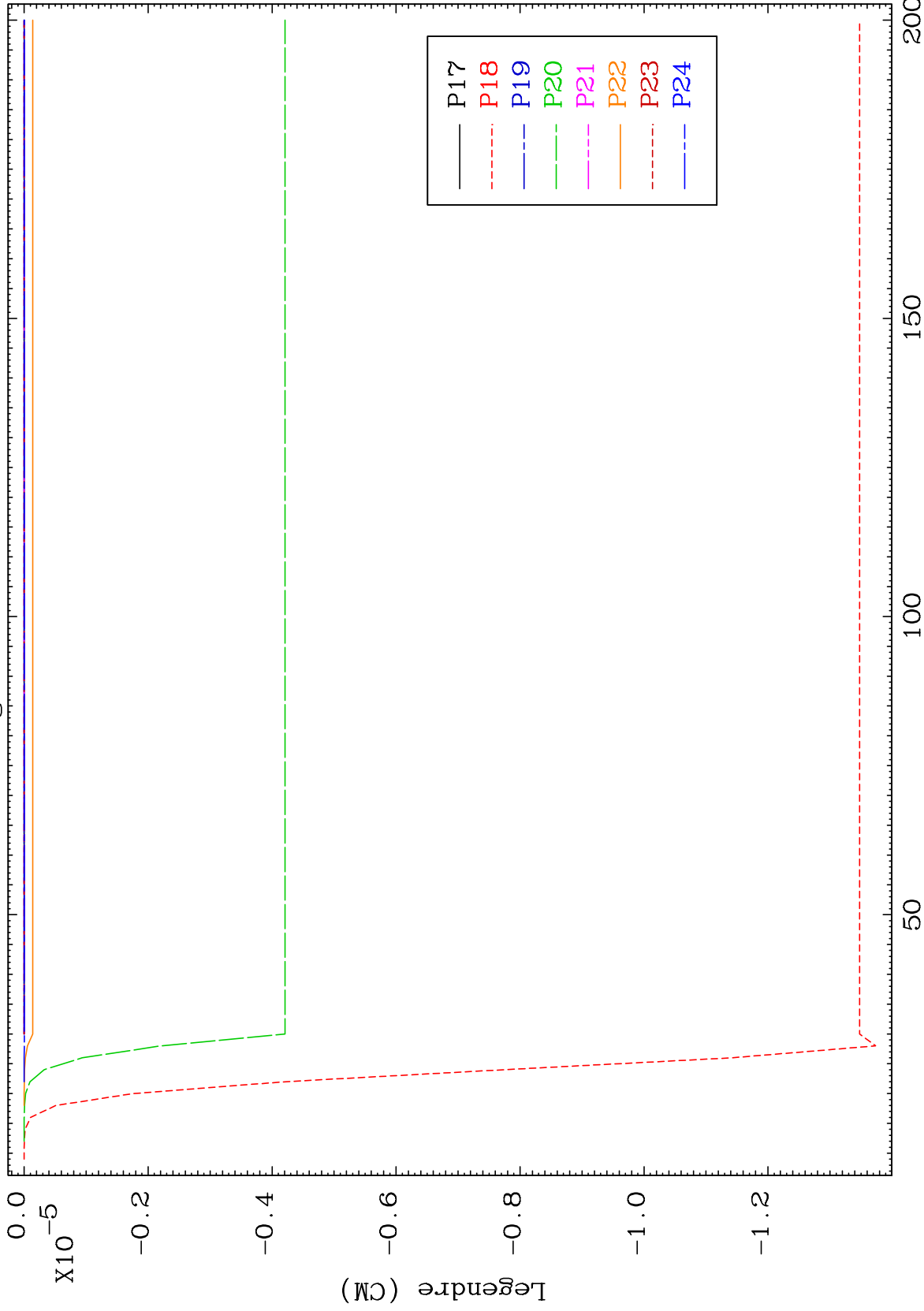
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



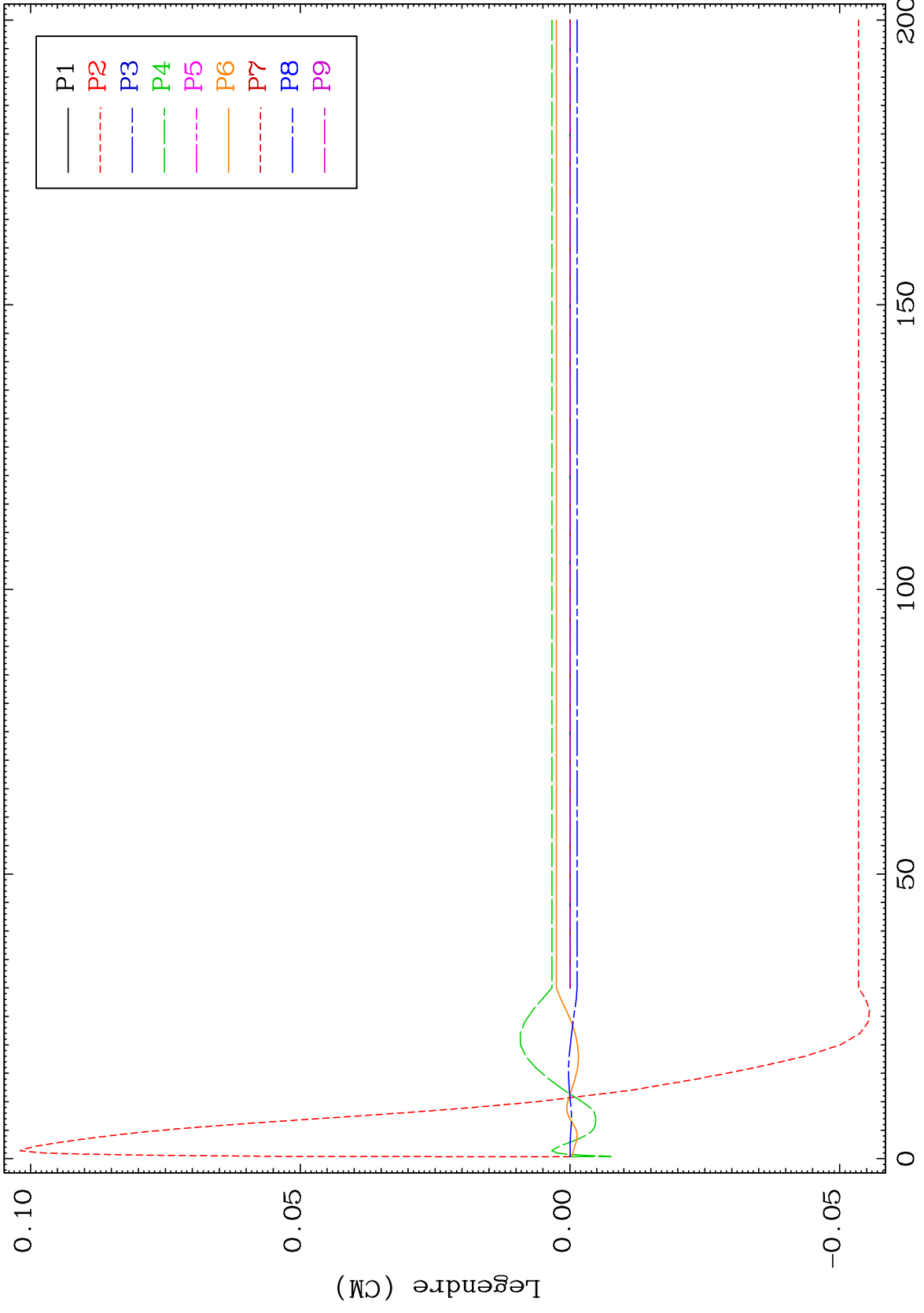
48

71-Lu-178

MAT 7134

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

71-Lu-178



49

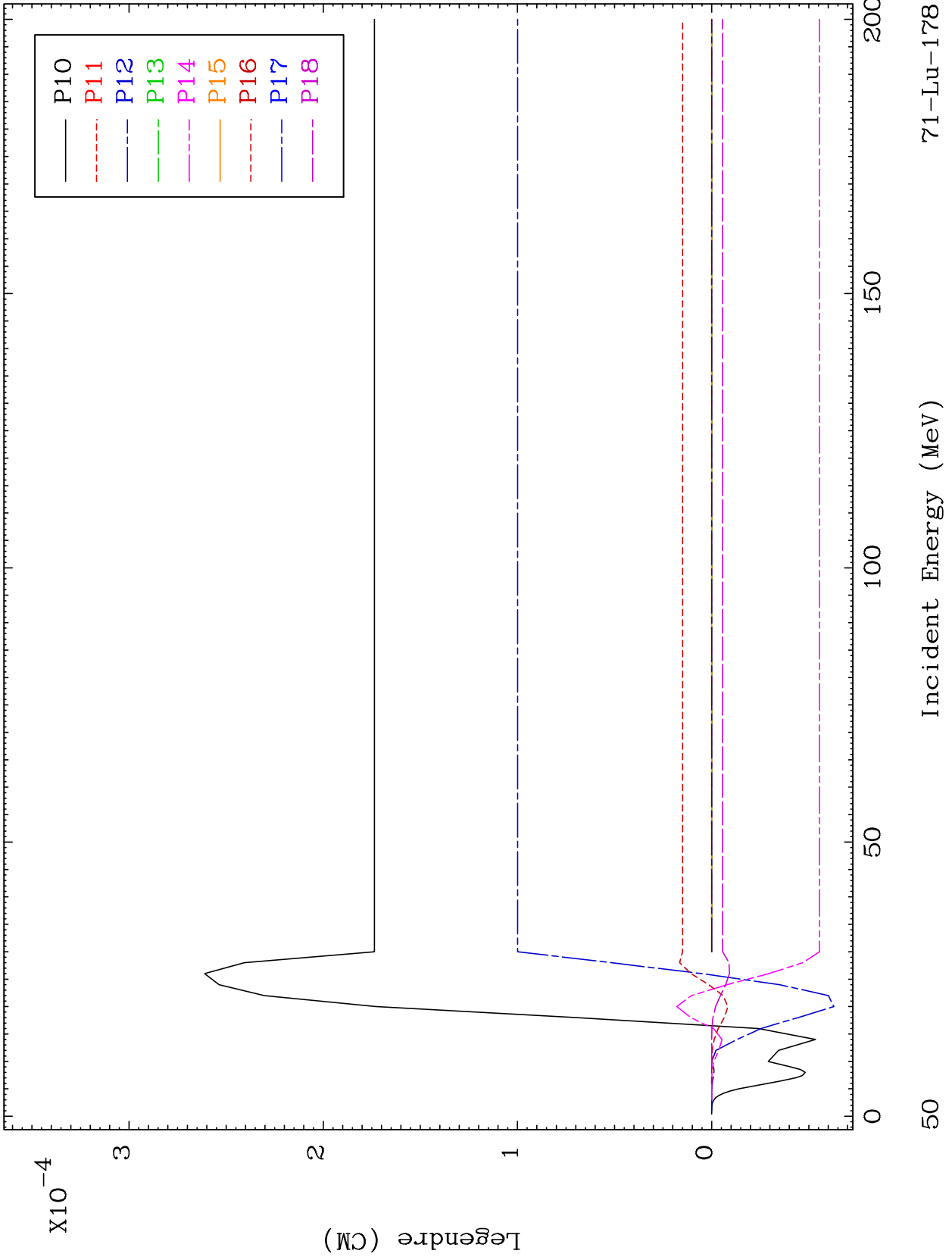
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

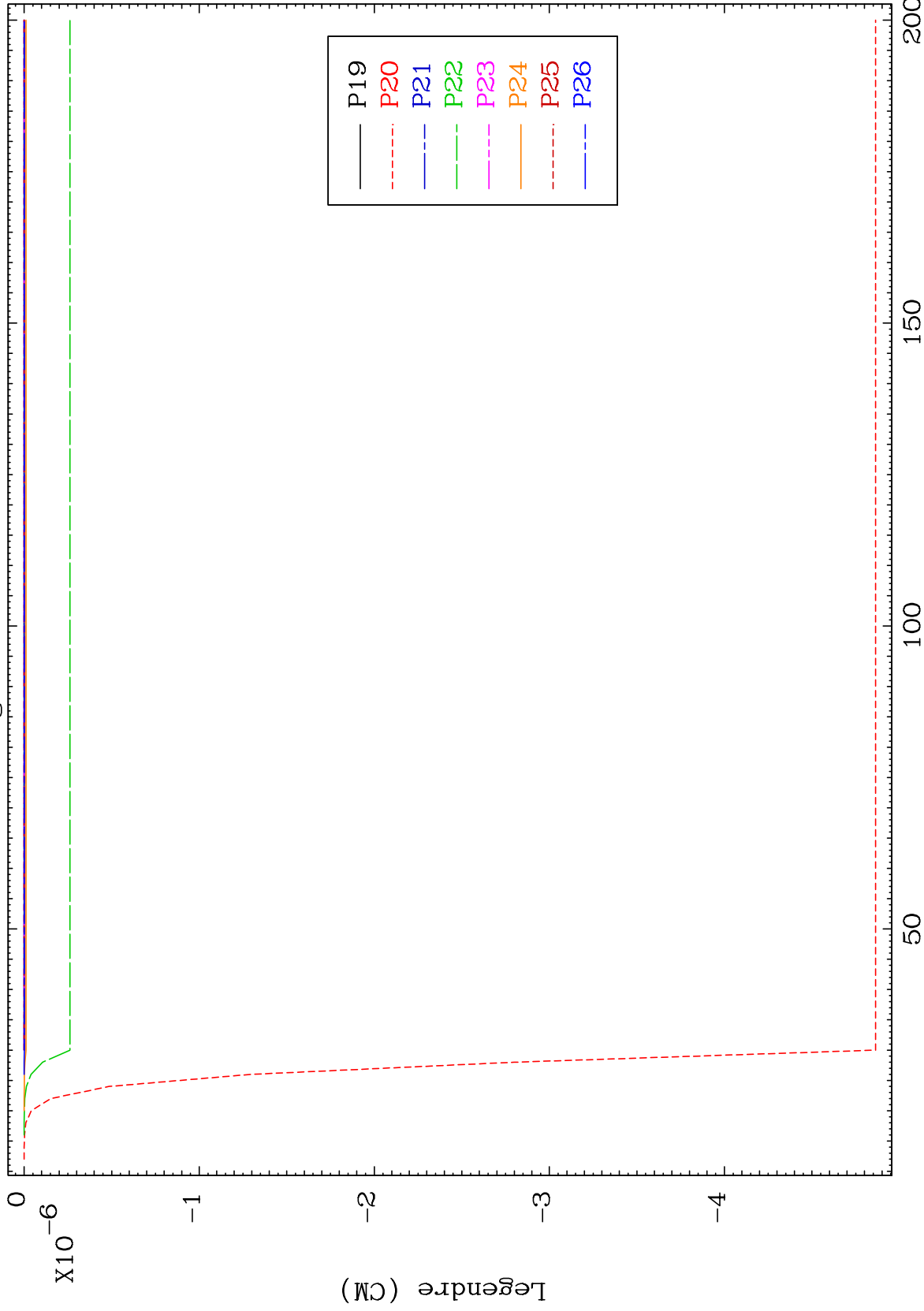
71-Lu-178



MAT 7134

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

71-Lu-178

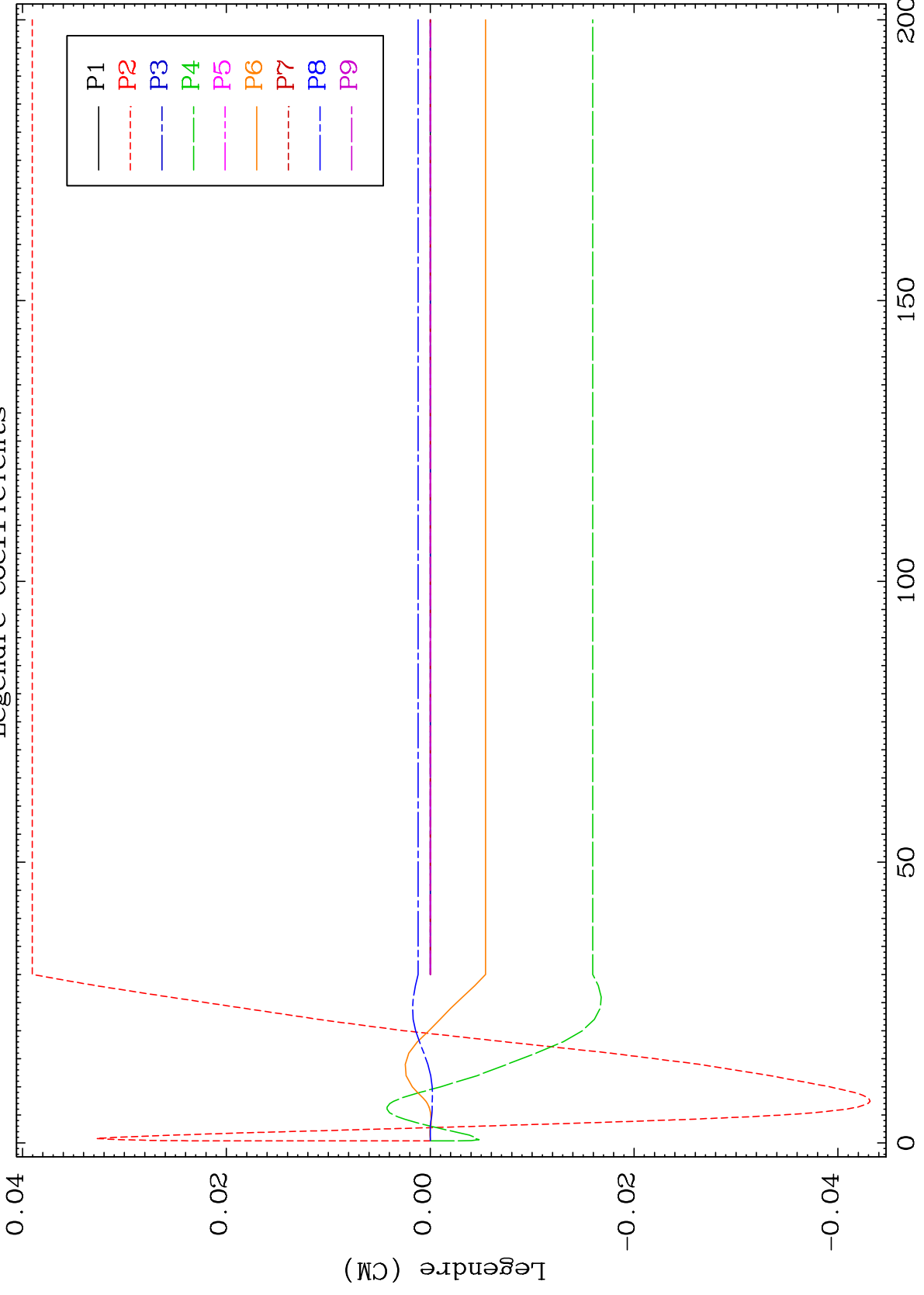


51

Incident Energy (MeV)

71-Lu-178

MAT 7134 MT= 60 (n,n') Level Legendre Coefficients 71-Lu-178

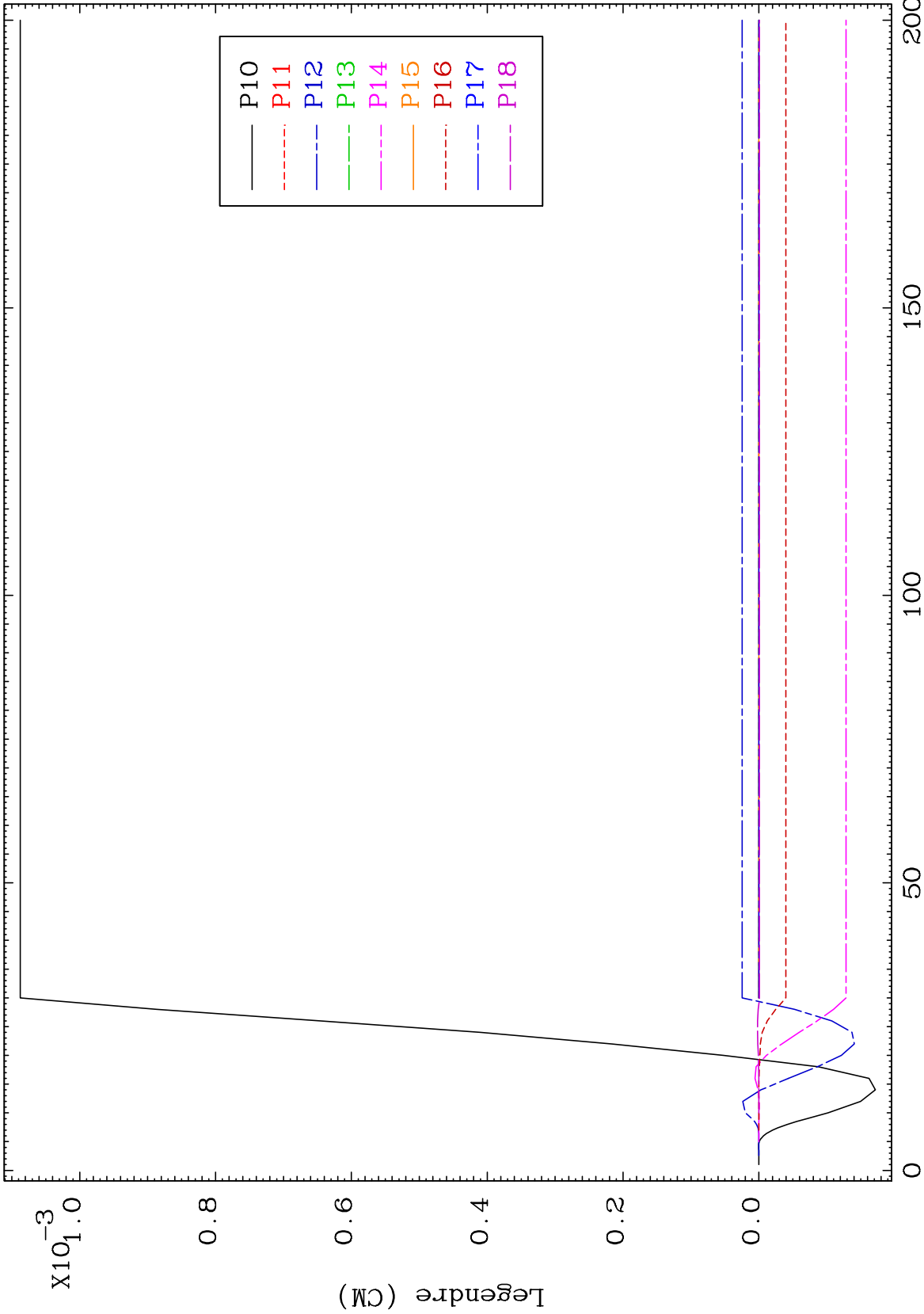


52 71-Lu-178

MAT 7134

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

71-Lu-178

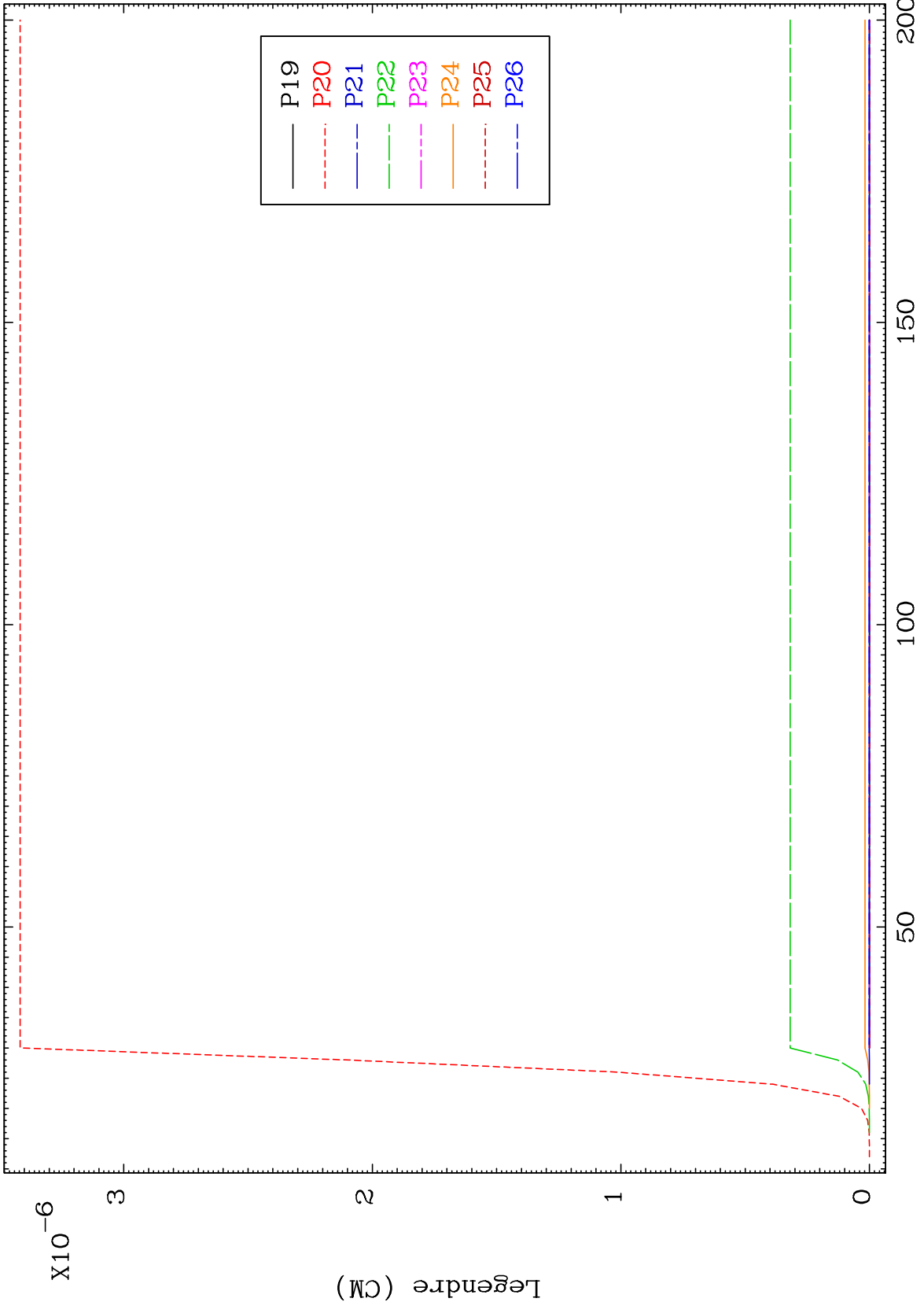


53

Incident Energy (MeV)

71-Lu-178

MAT 7134 MT= 60 (n,n') Level Legendre Coefficients 71-Lu-178

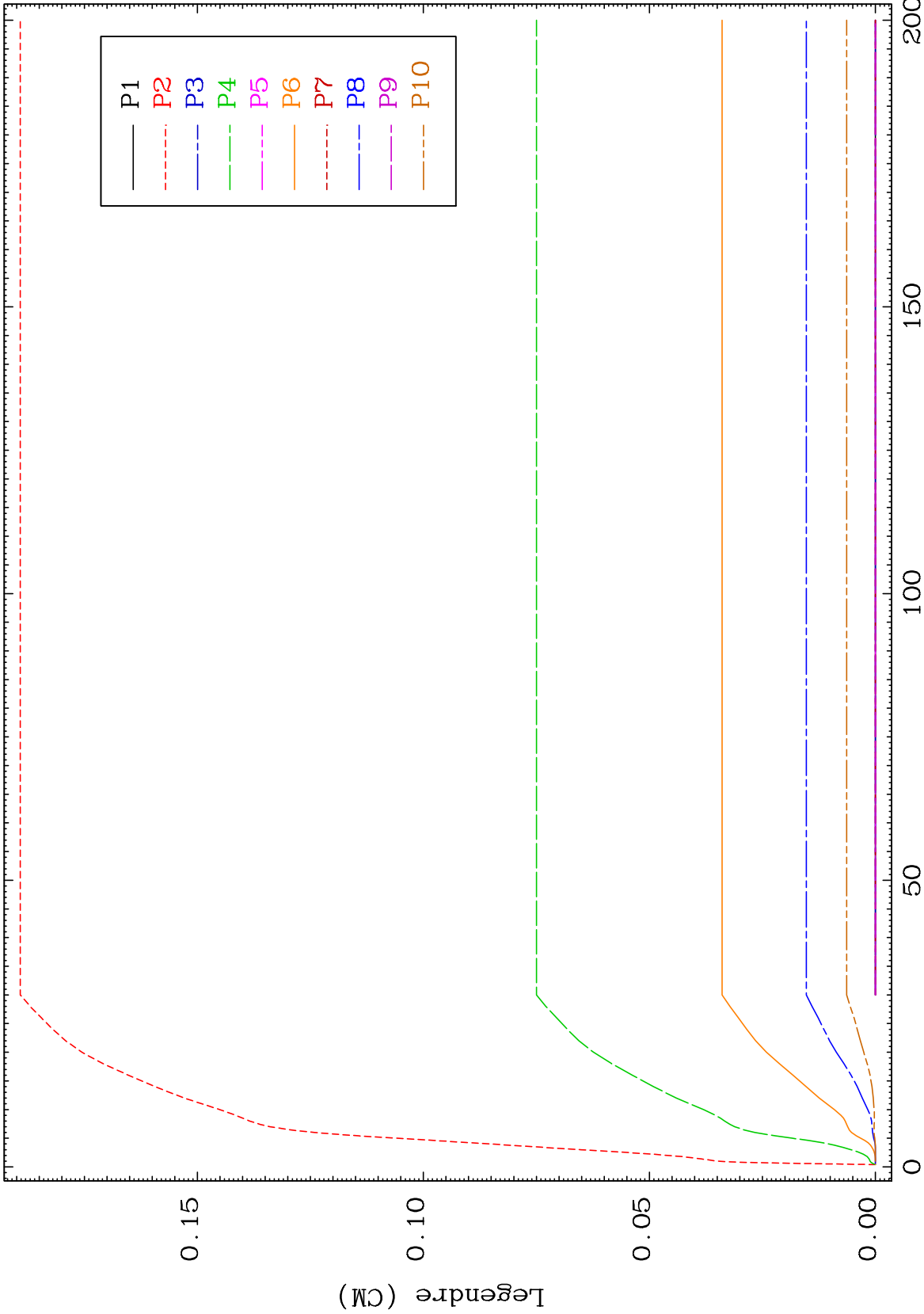


54 71-Lu-178

MAT 7134

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

71-Lu-178



55

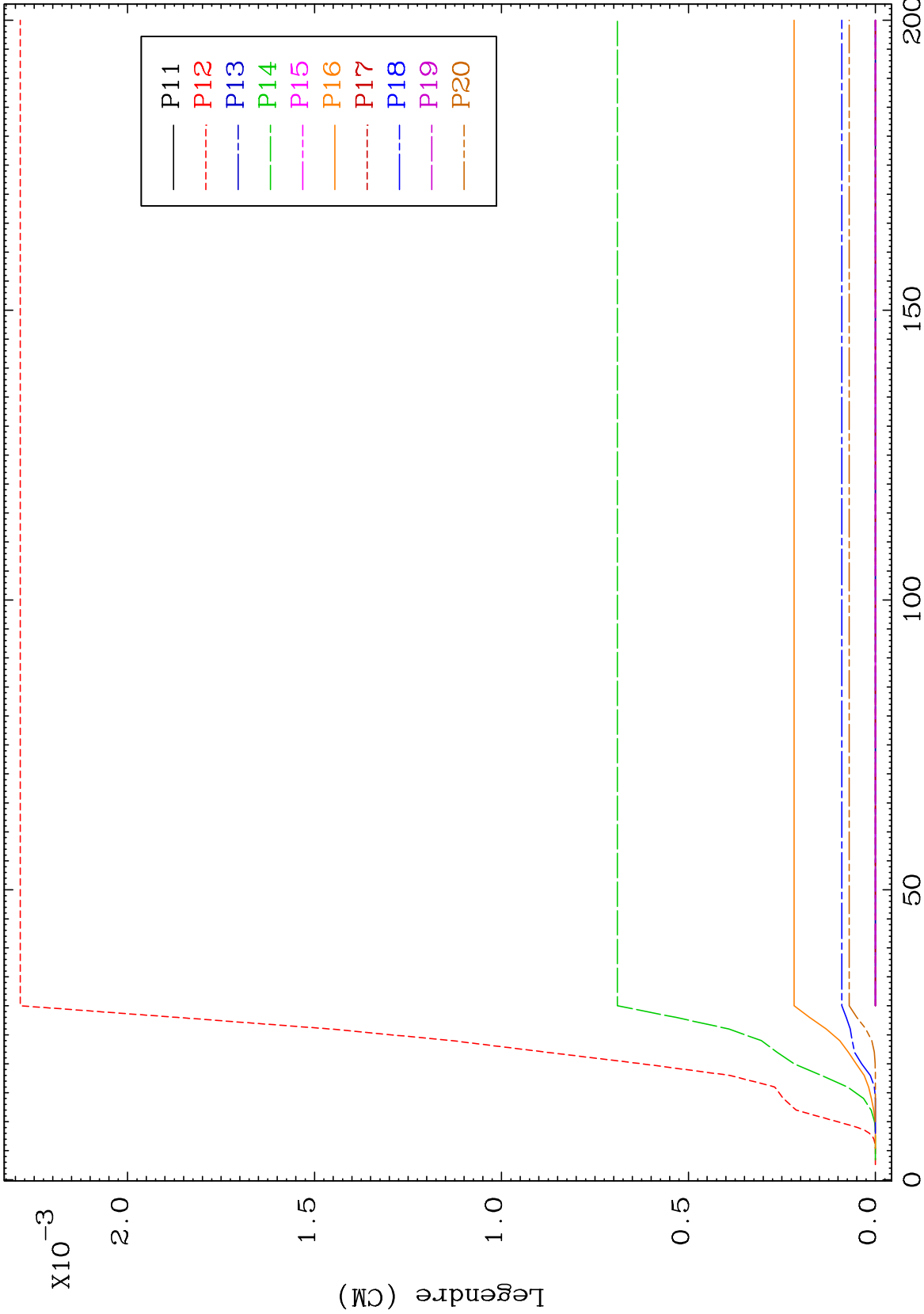
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



56

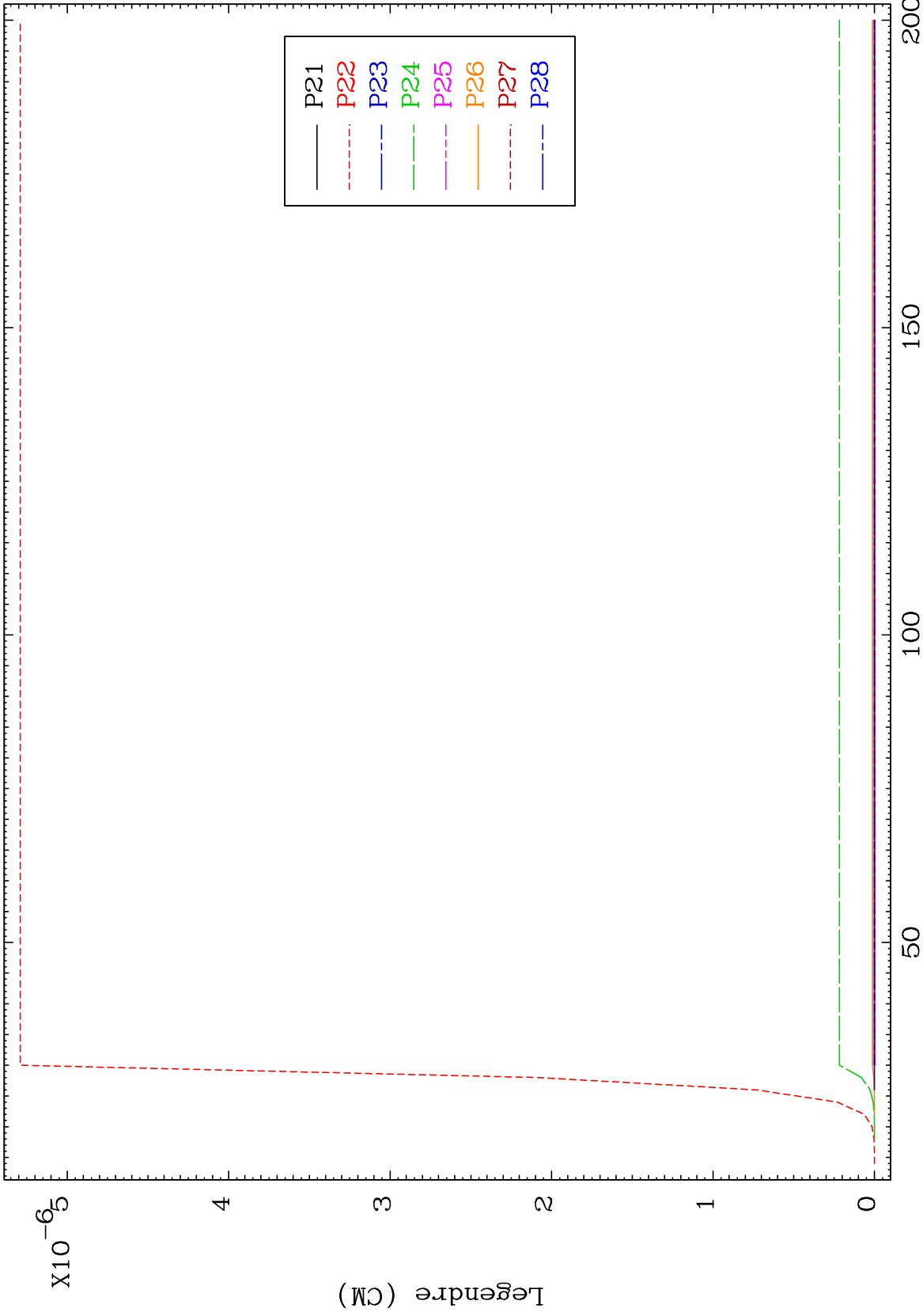
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



57

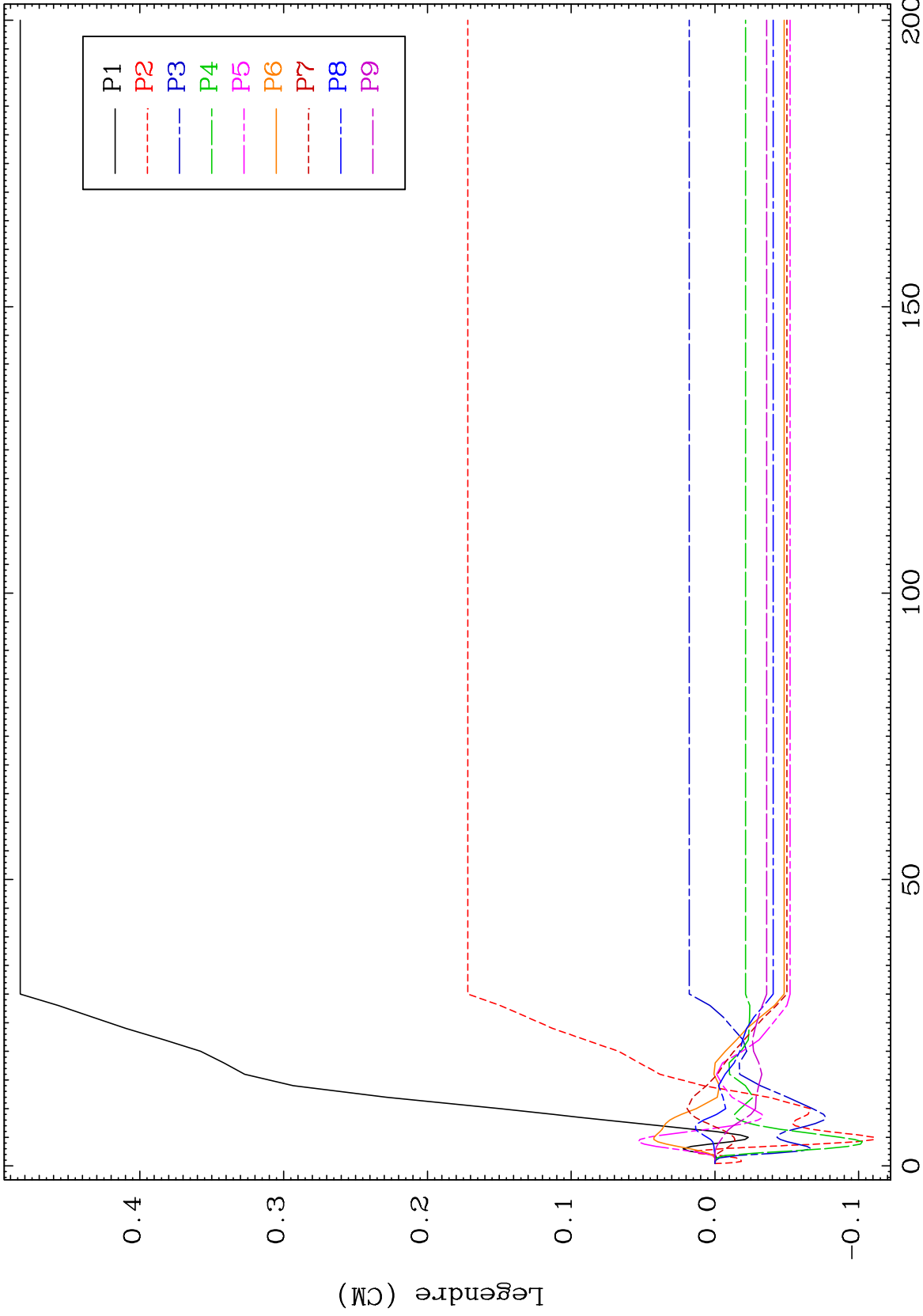
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



58

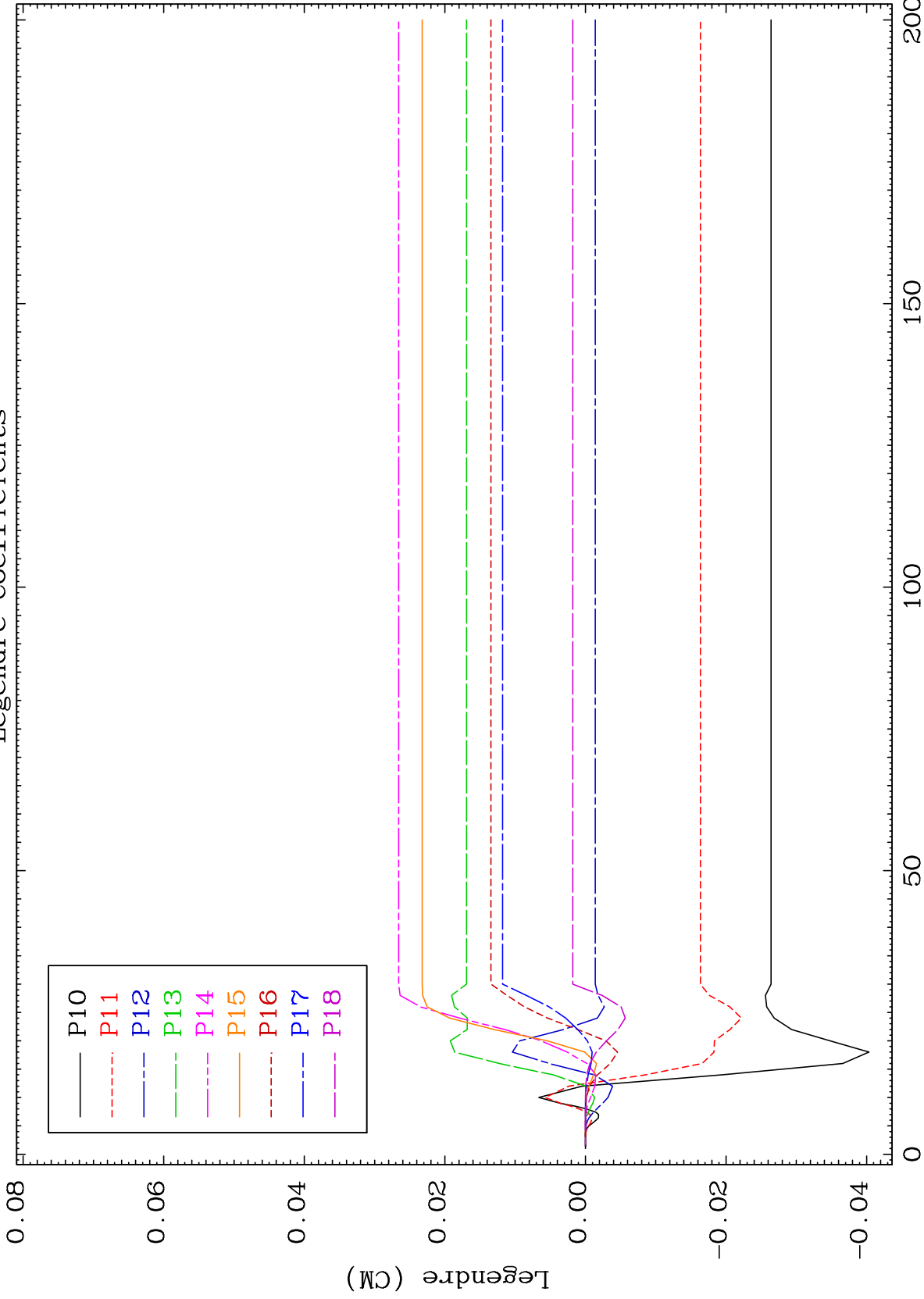
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



59

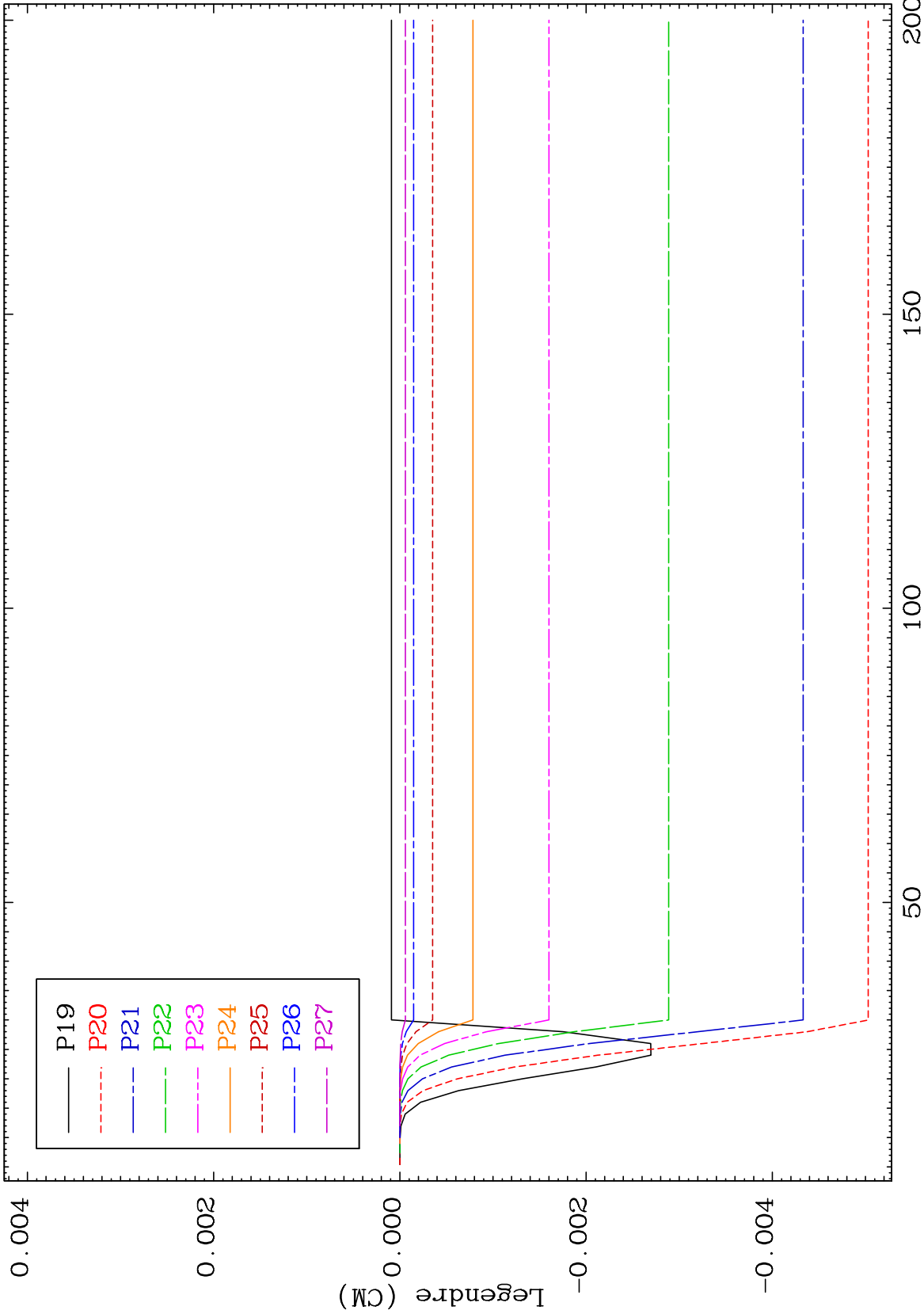
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



60

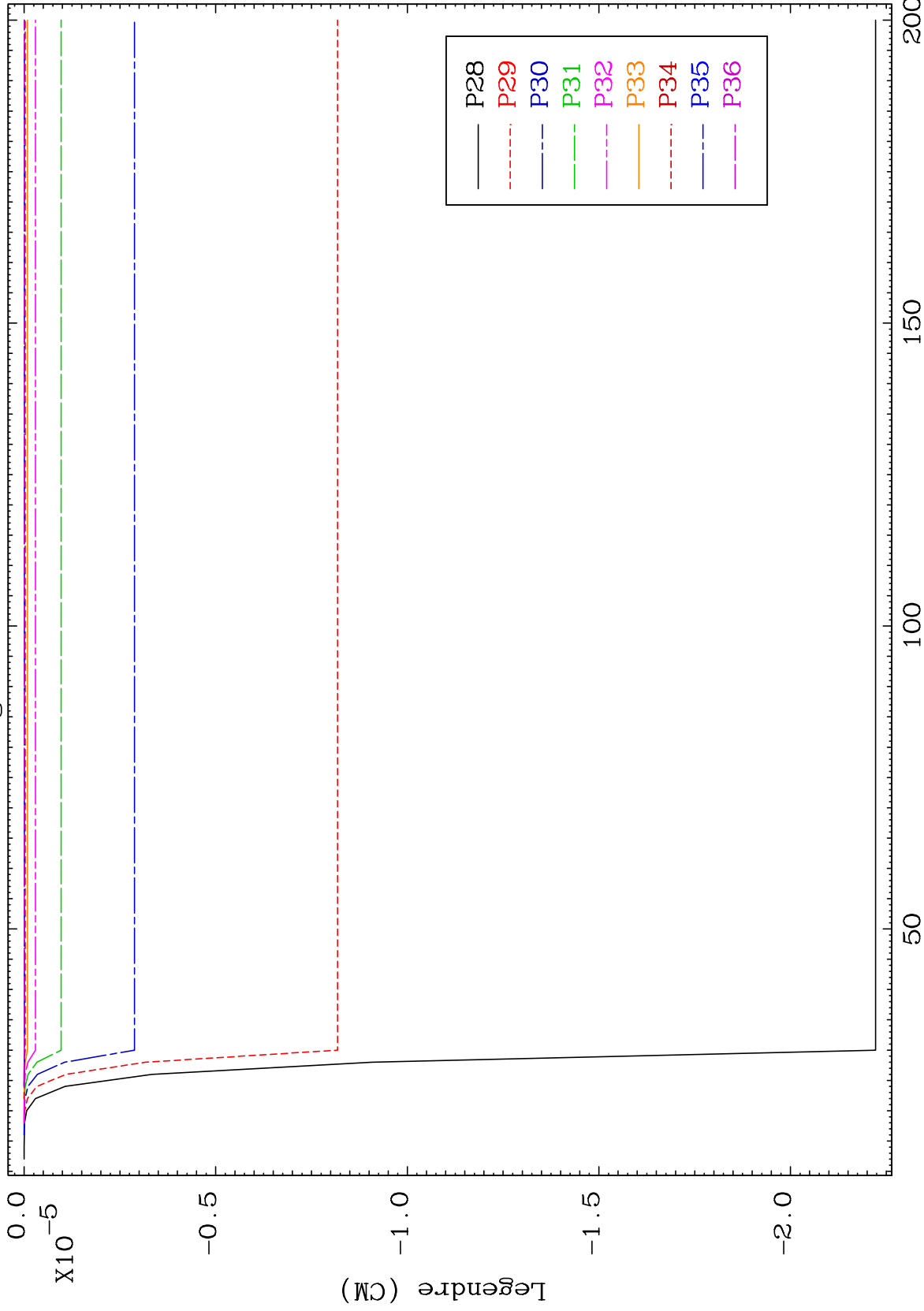
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



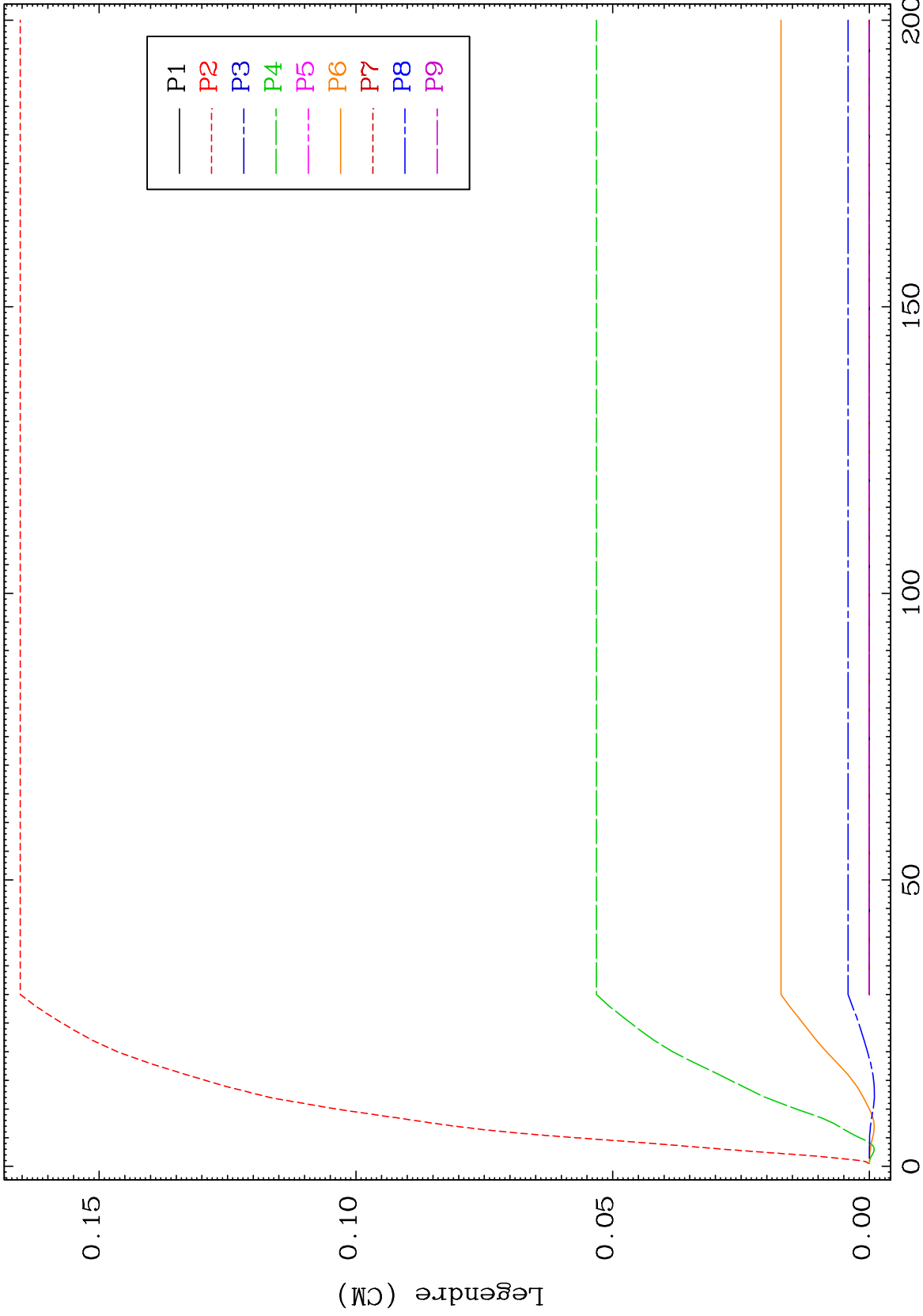
61

71-Lu-178

MAT 7134

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

71-Lu-178



62

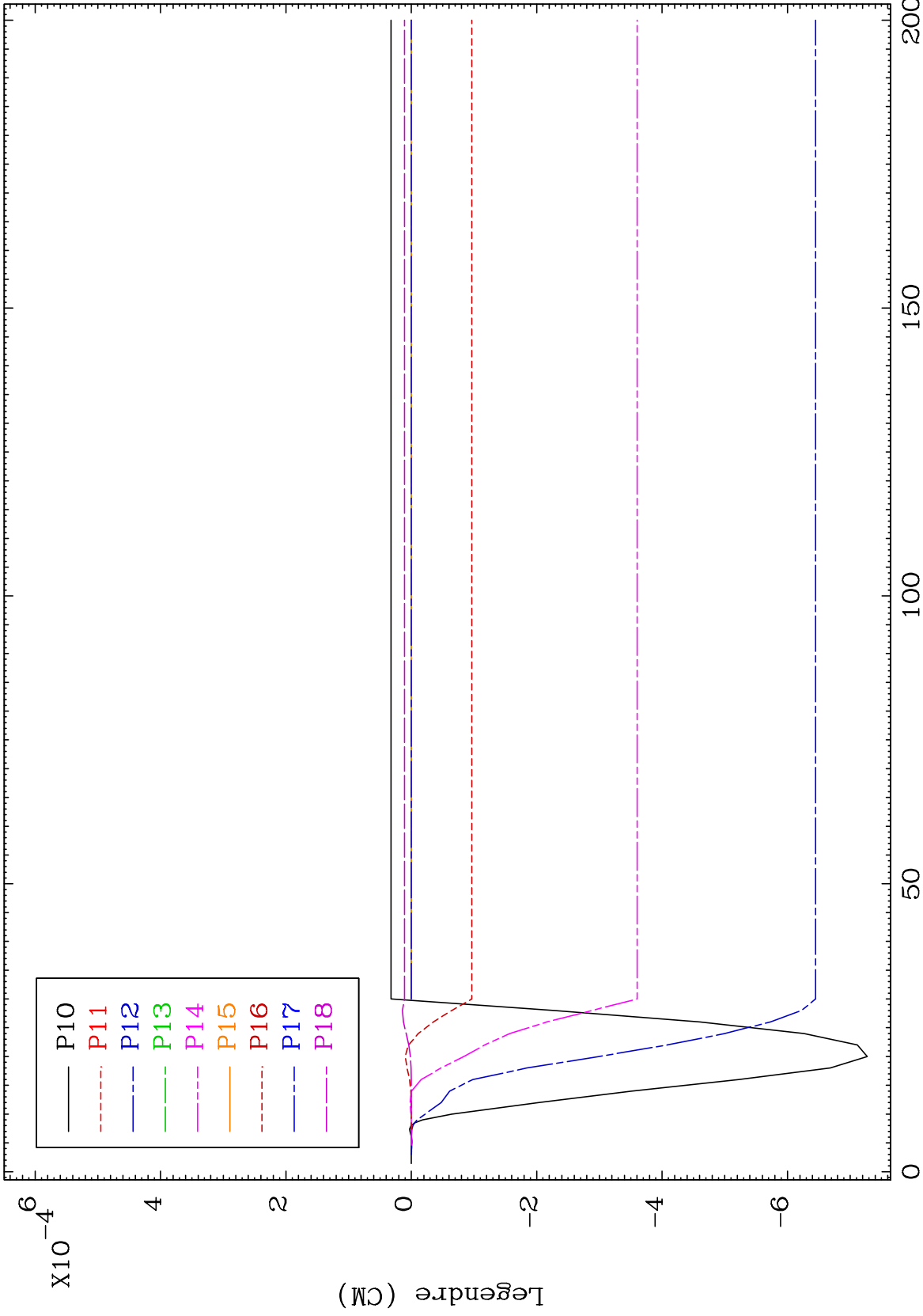
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



63

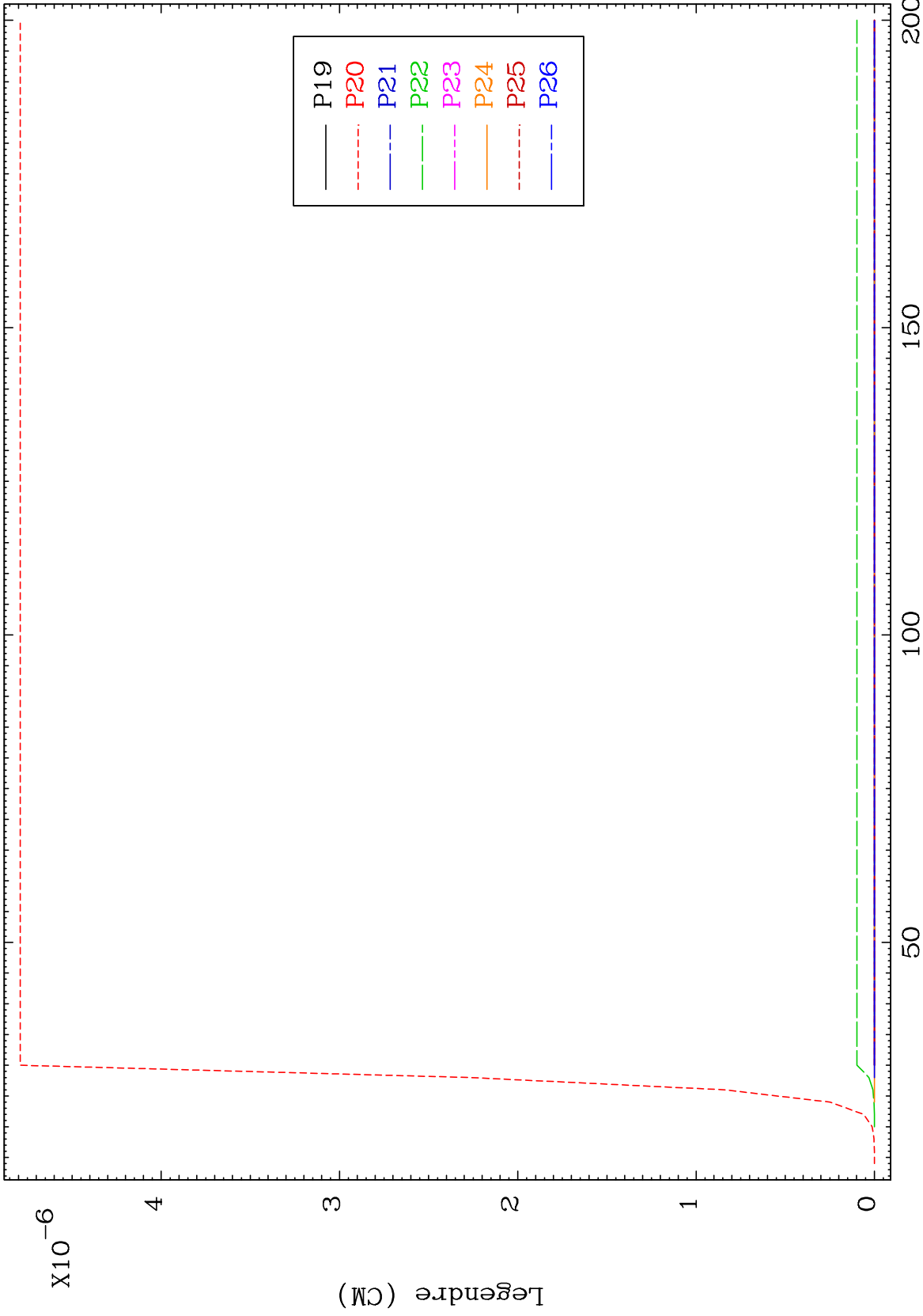
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



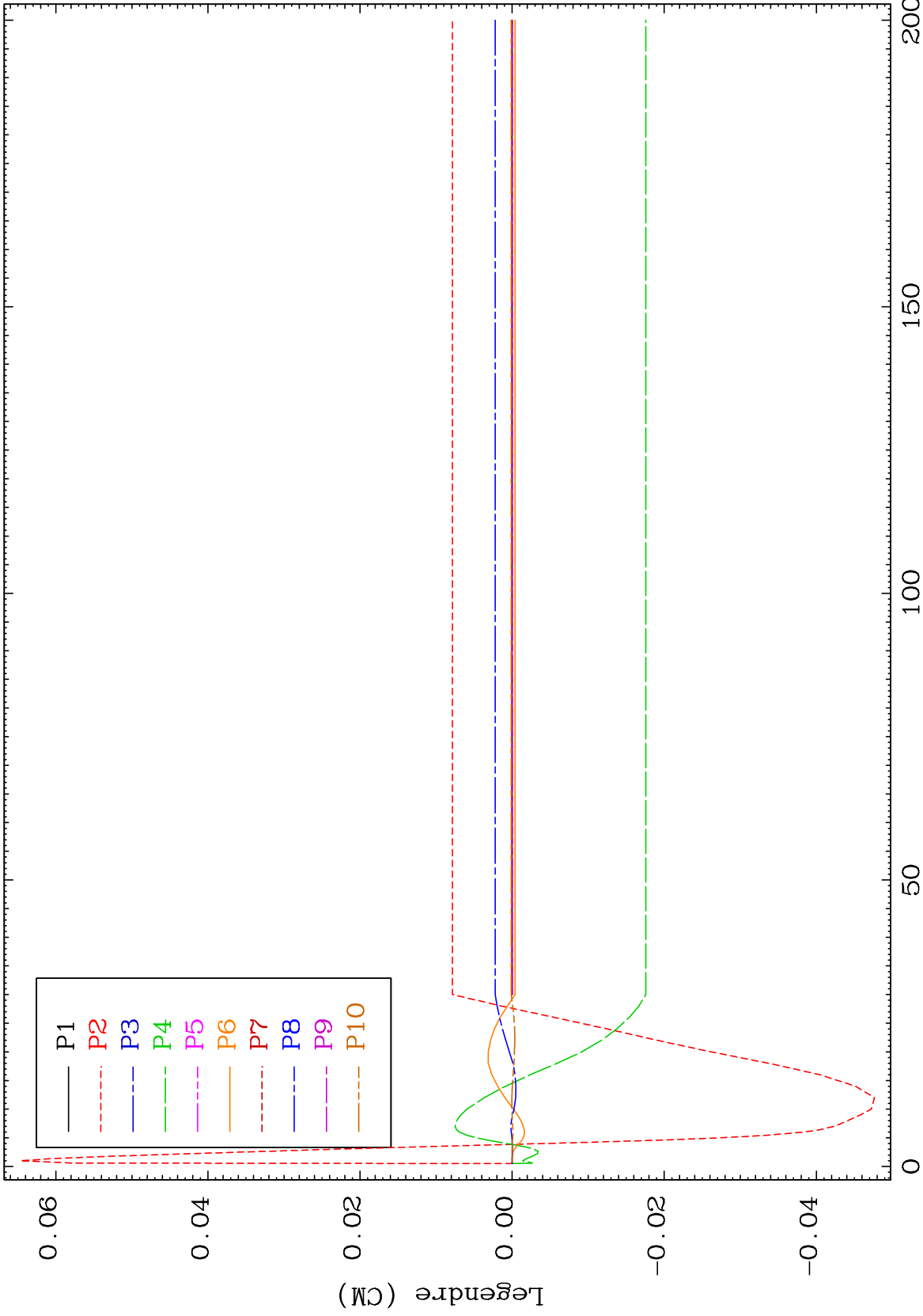
64

71-Lu-178

MAT 7134

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

71-Lu-178



65

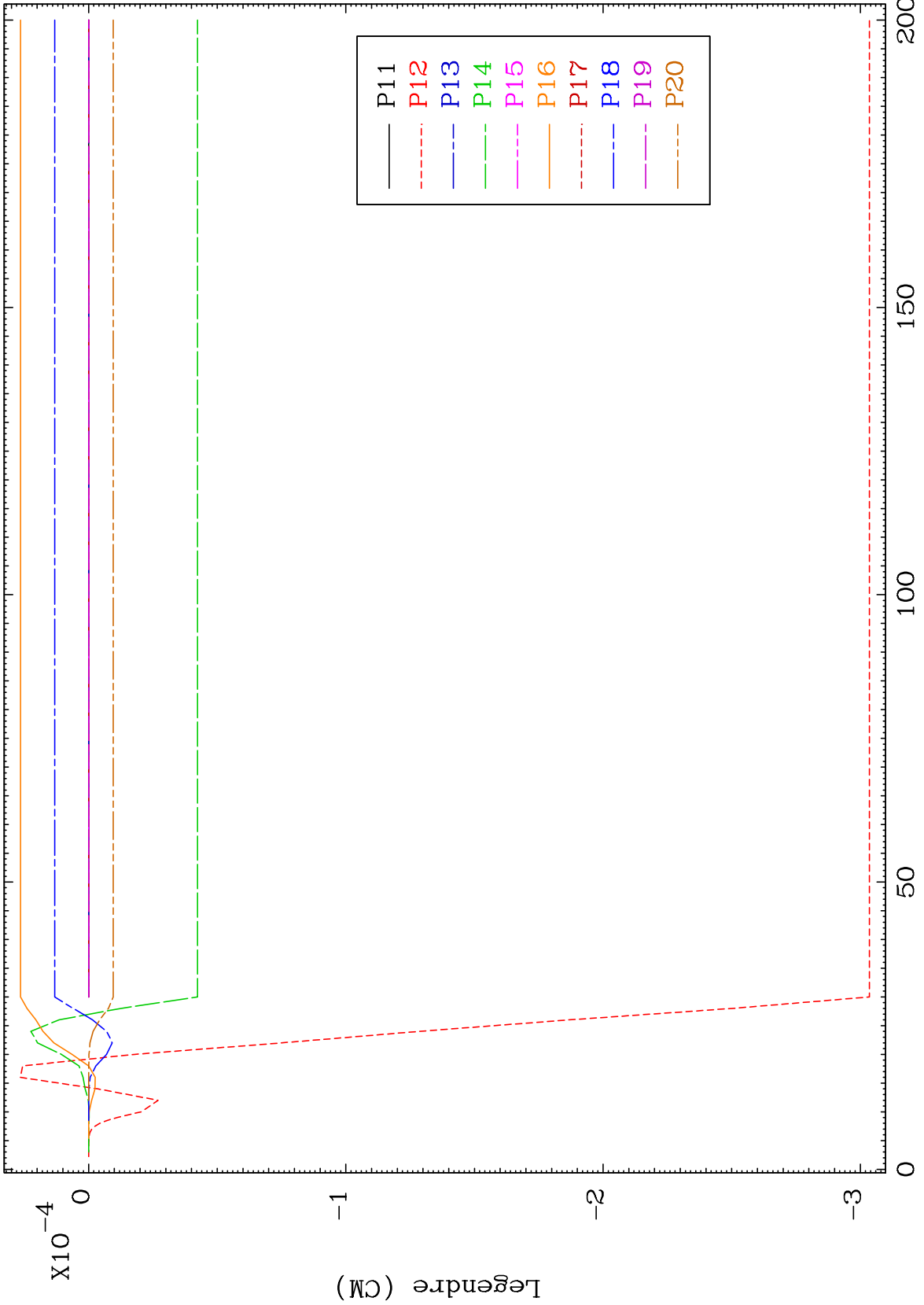
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178

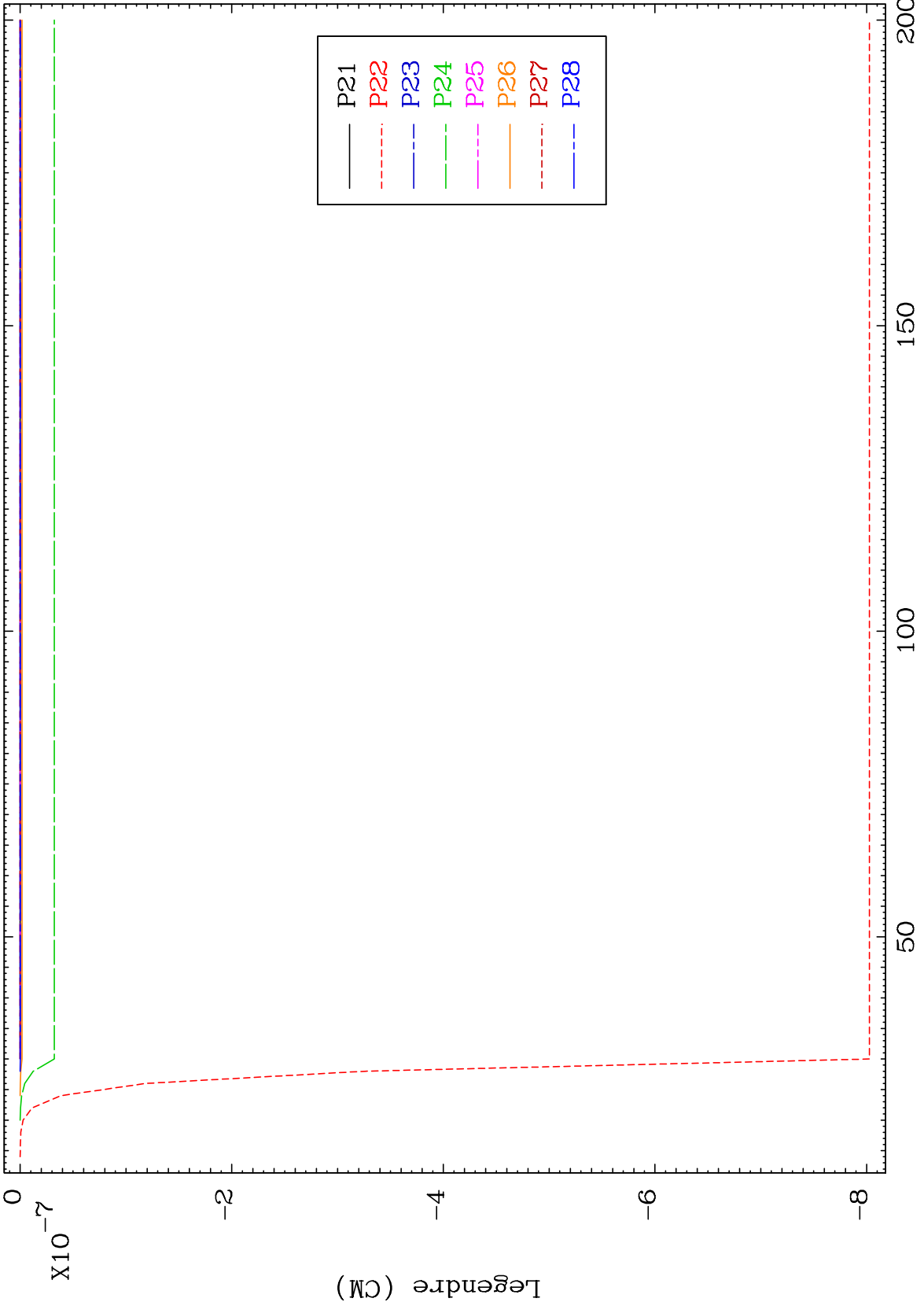


66

Incident Energy (MeV)

71-Lu-178

MAT 7134 MT= 64 (n,n') Level Legendre Coefficients 71-Lu-178

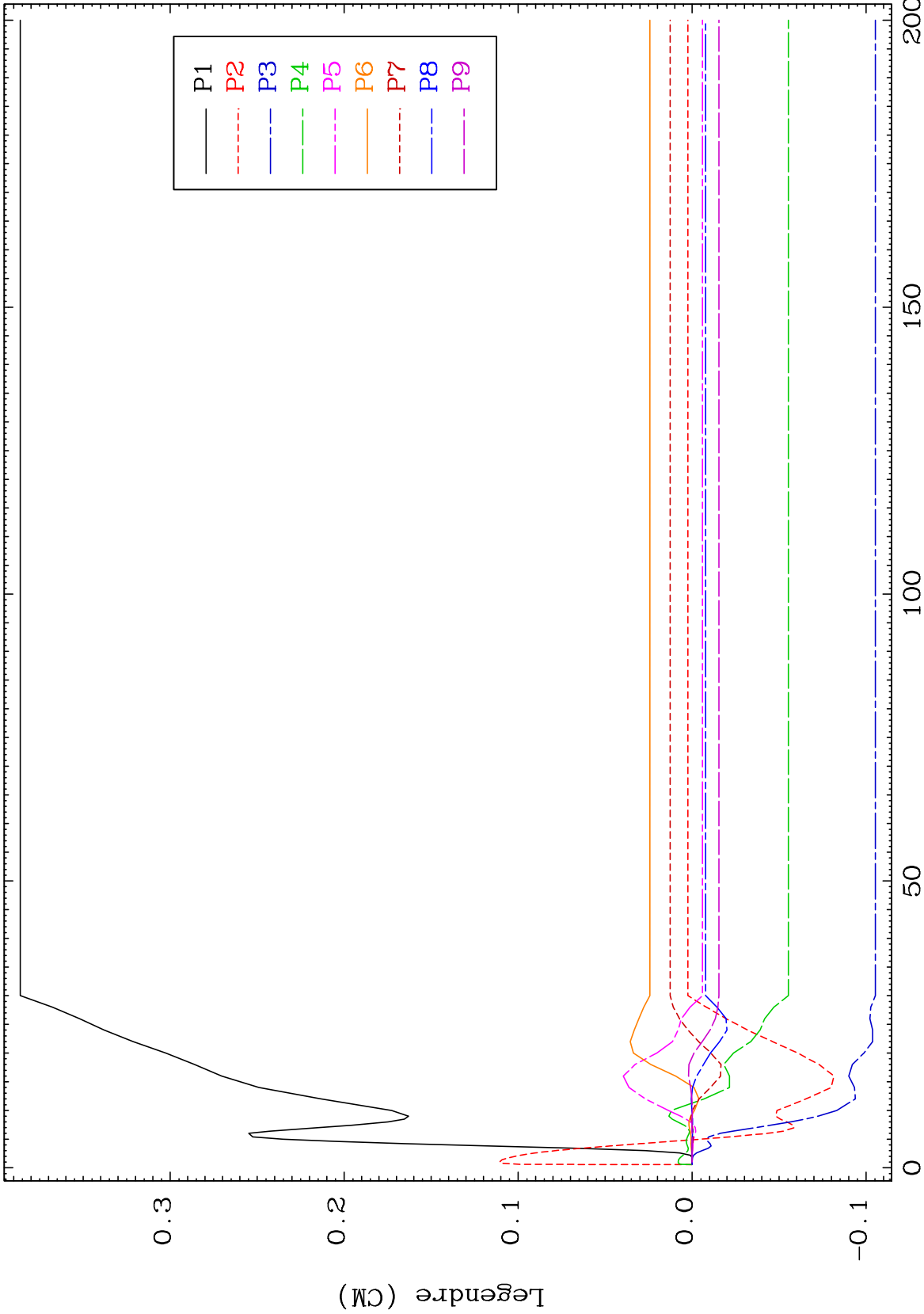


67 71-Lu-178

MAT 7134

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

71-Lu-178



68

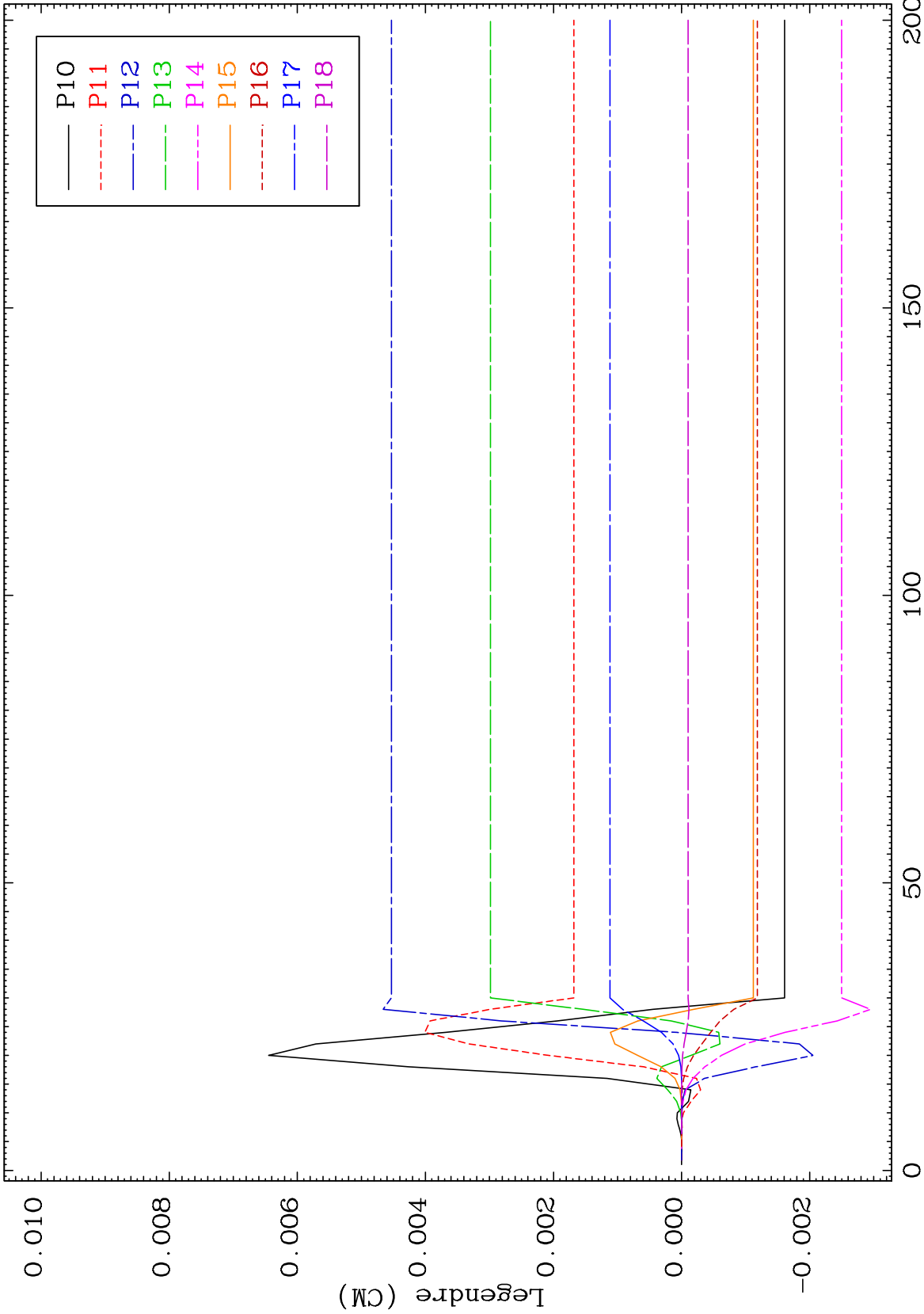
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



69

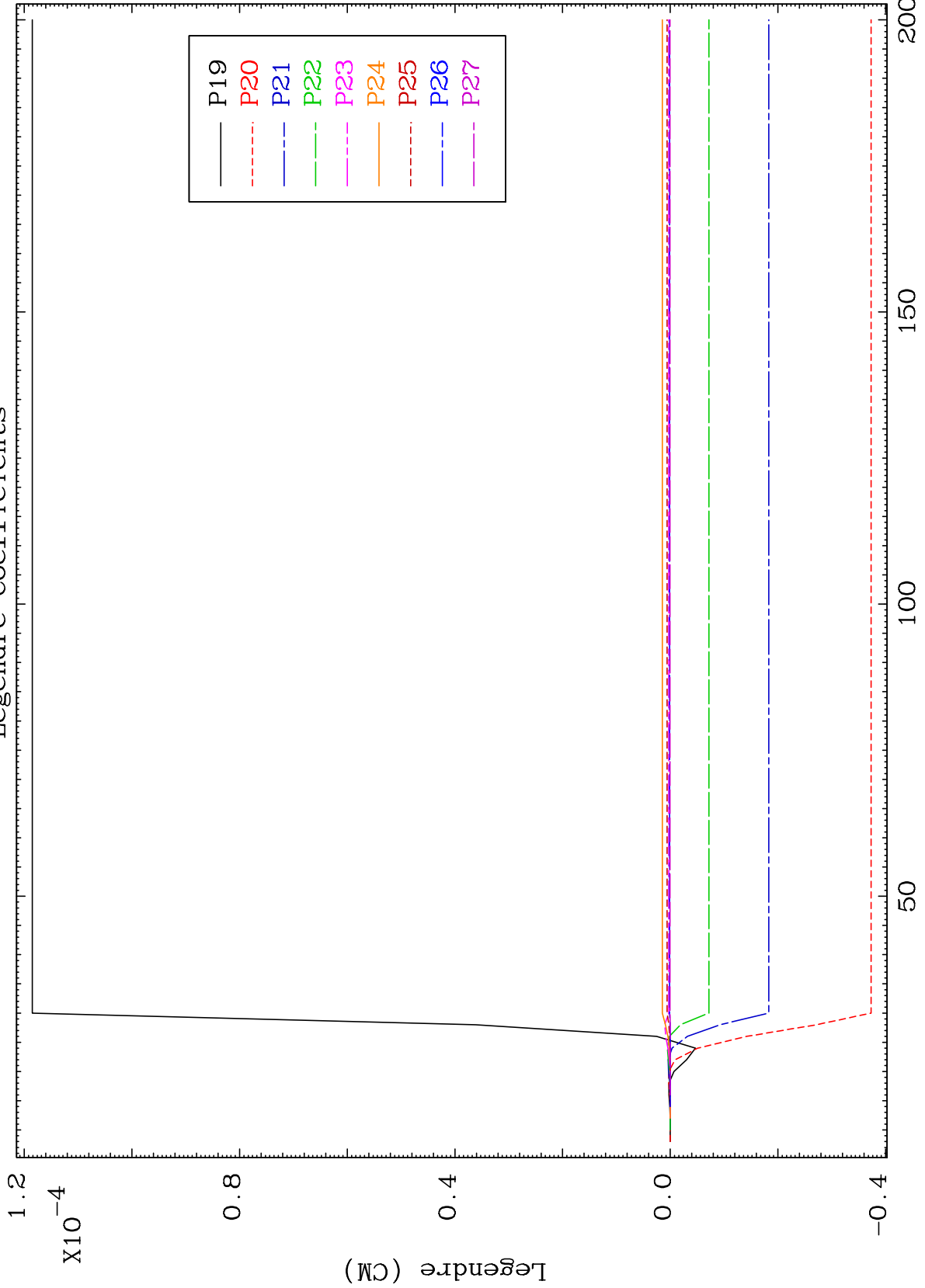
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



70

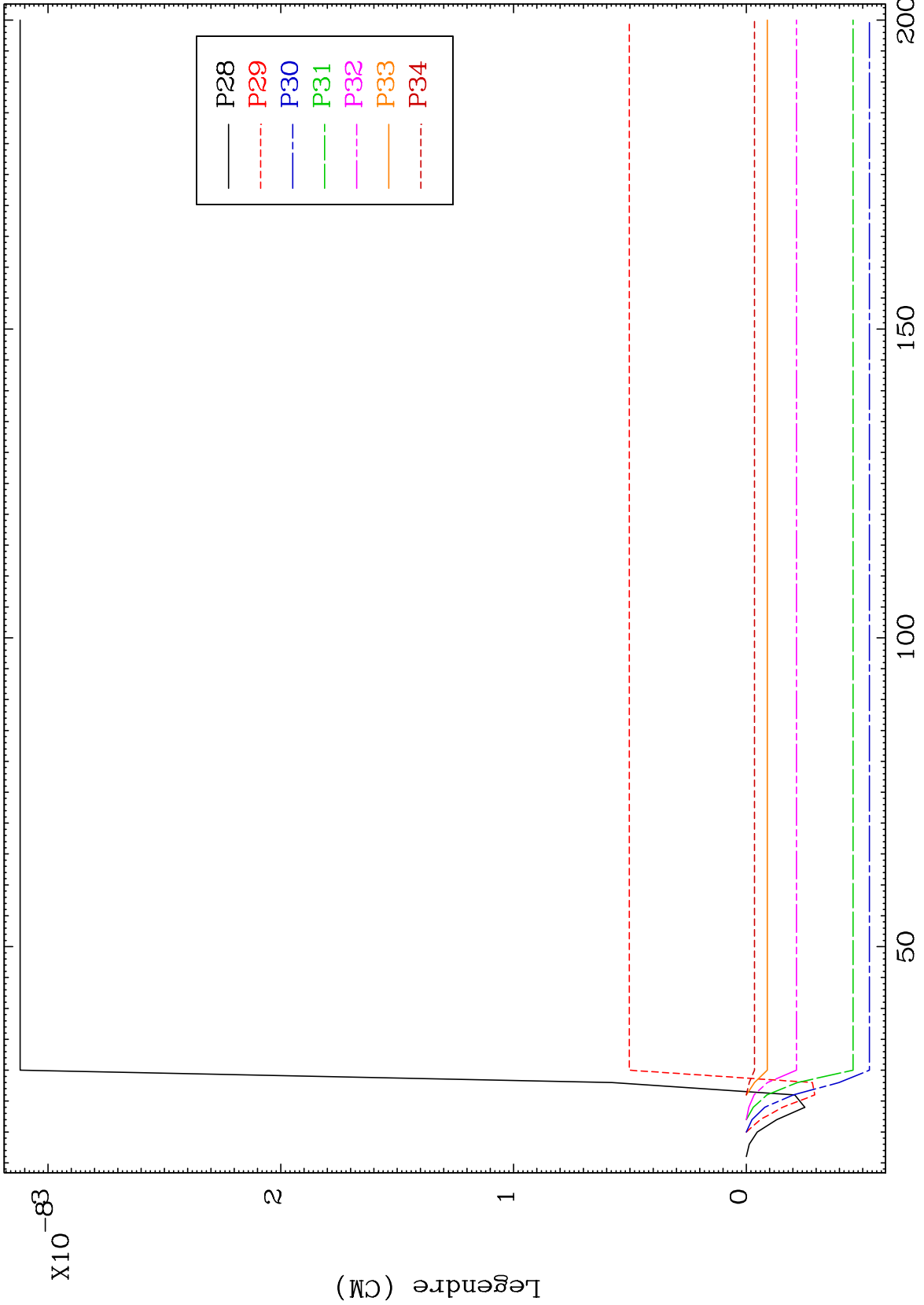
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



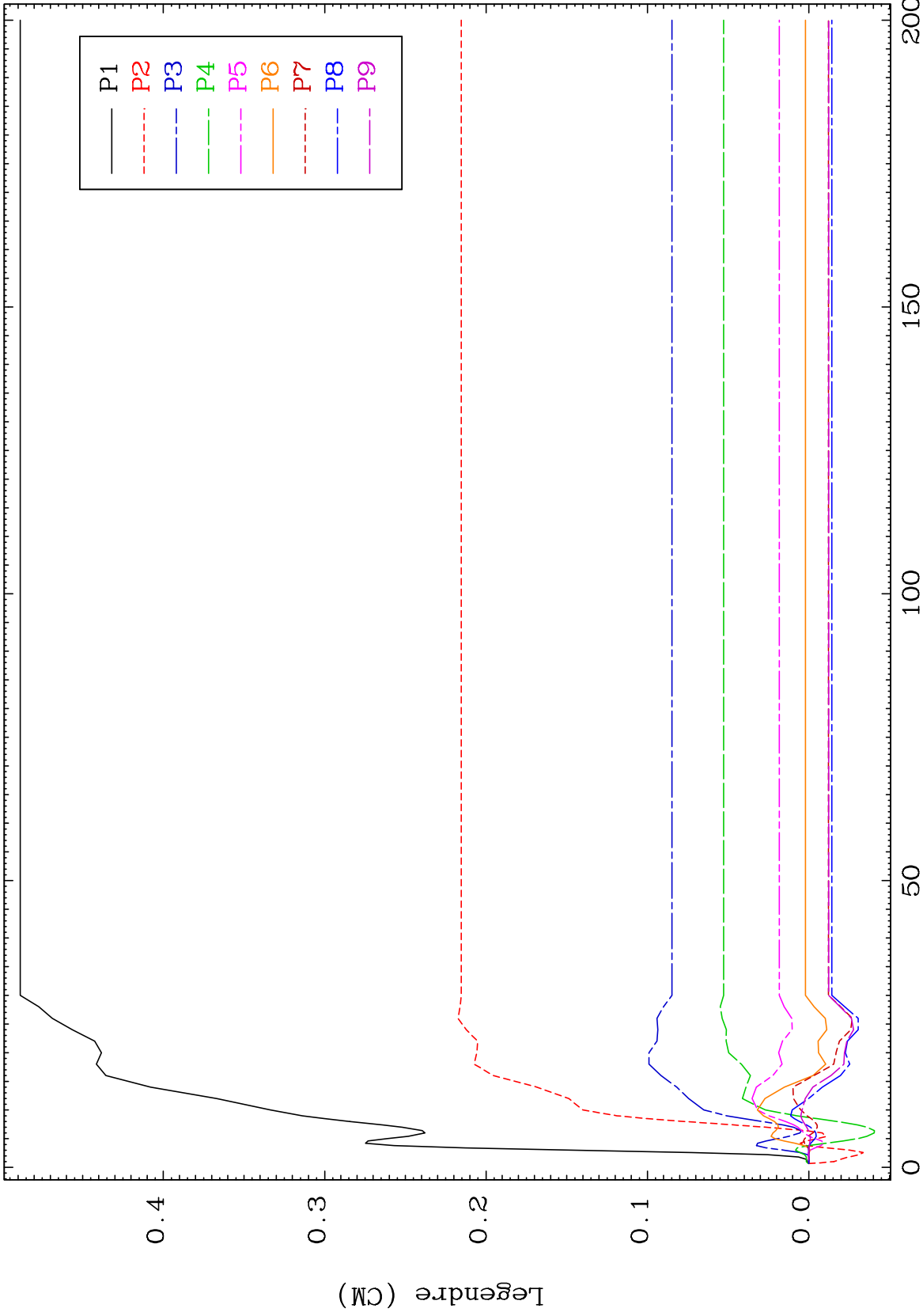
71

71-Lu-178

MAT 7134

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

71-Lu-178



72

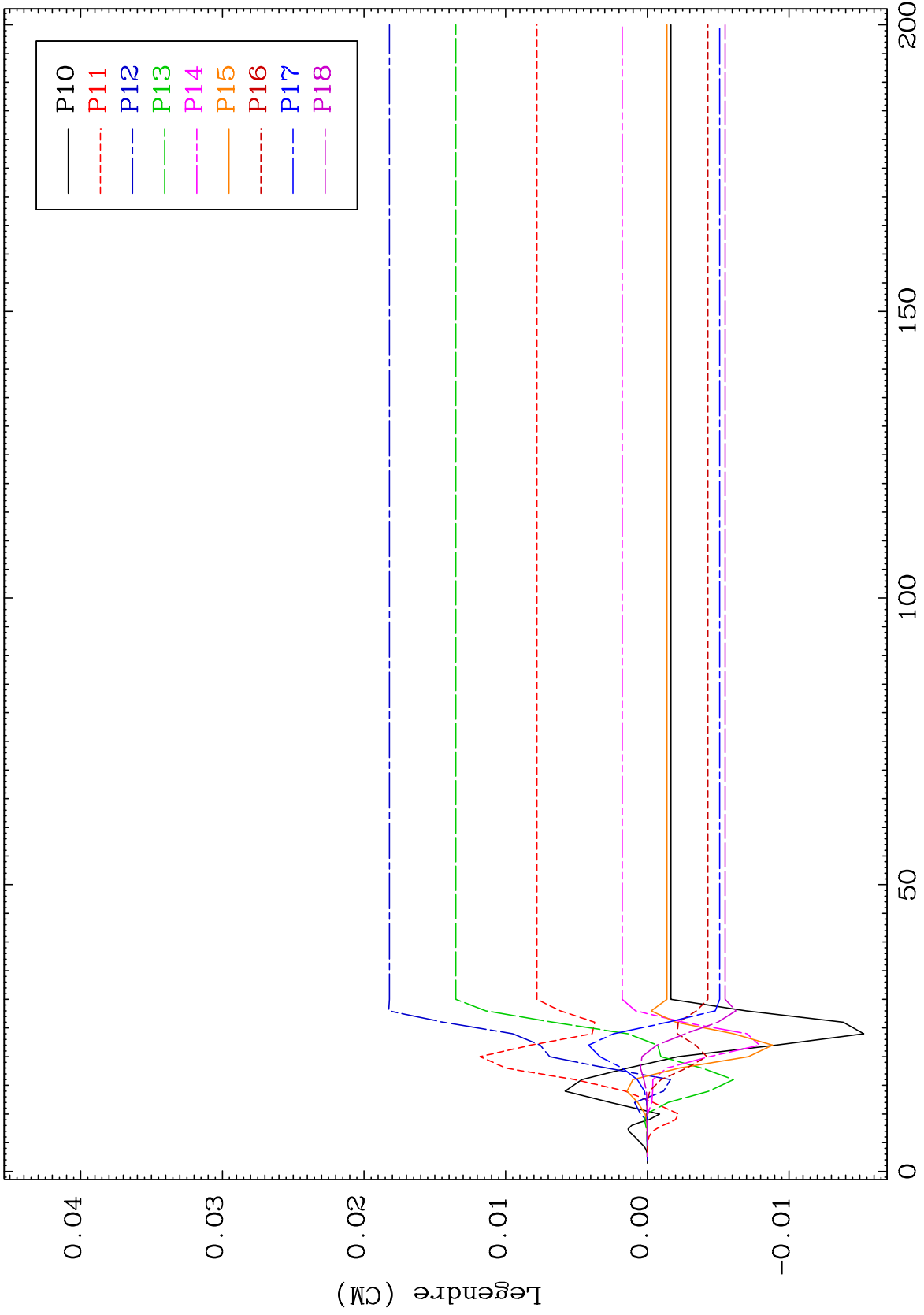
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



73

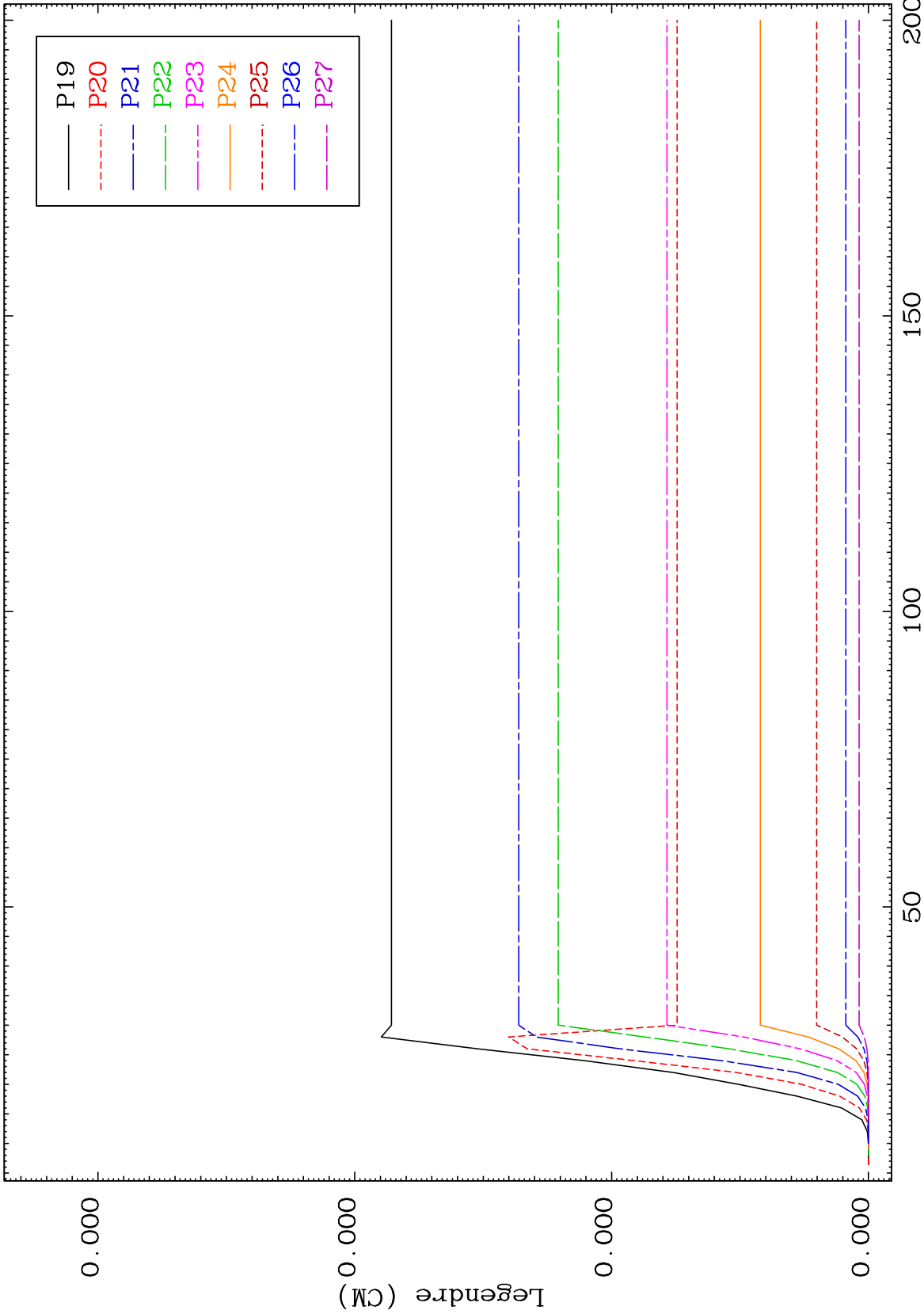
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



74

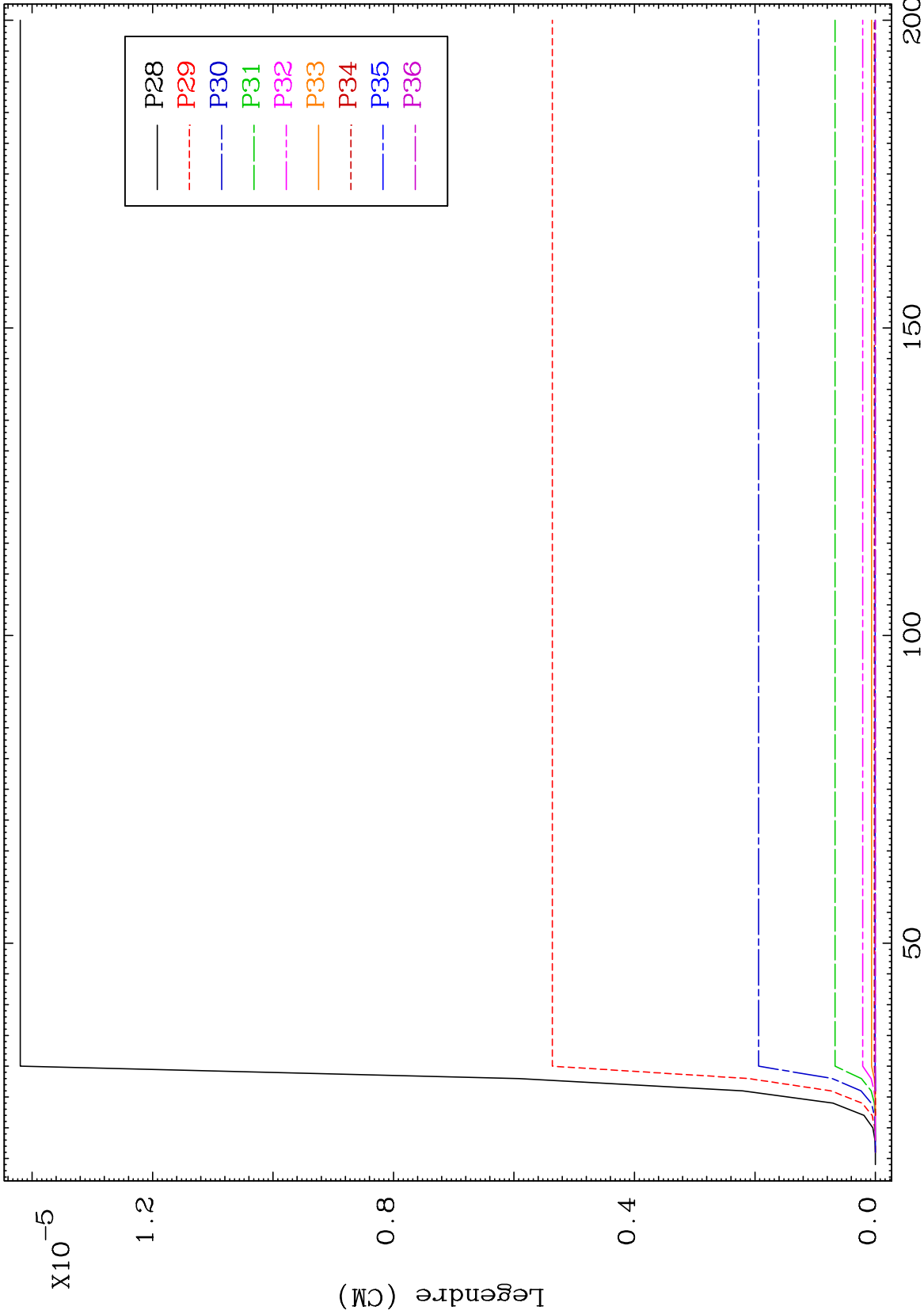
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



75

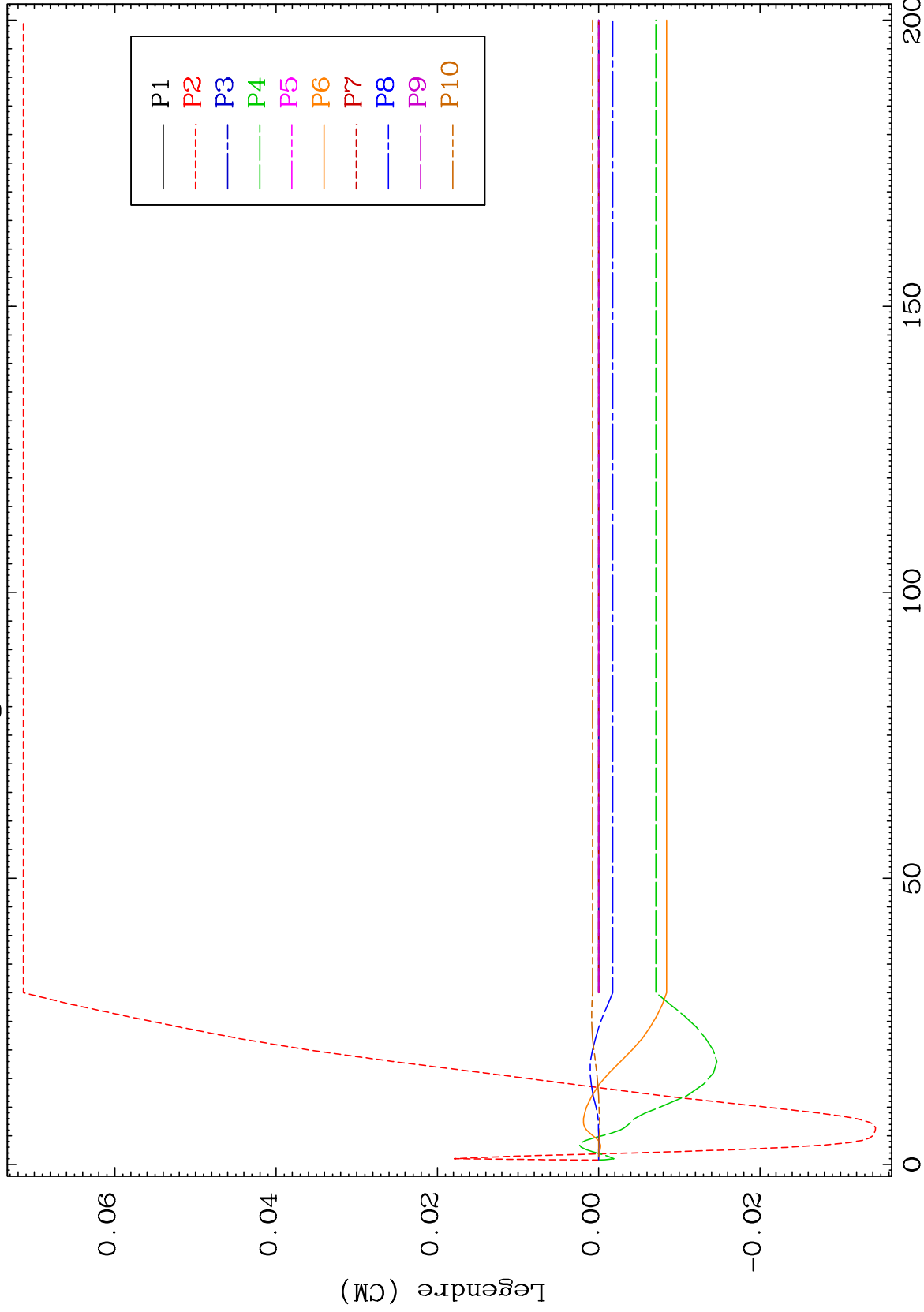
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



76

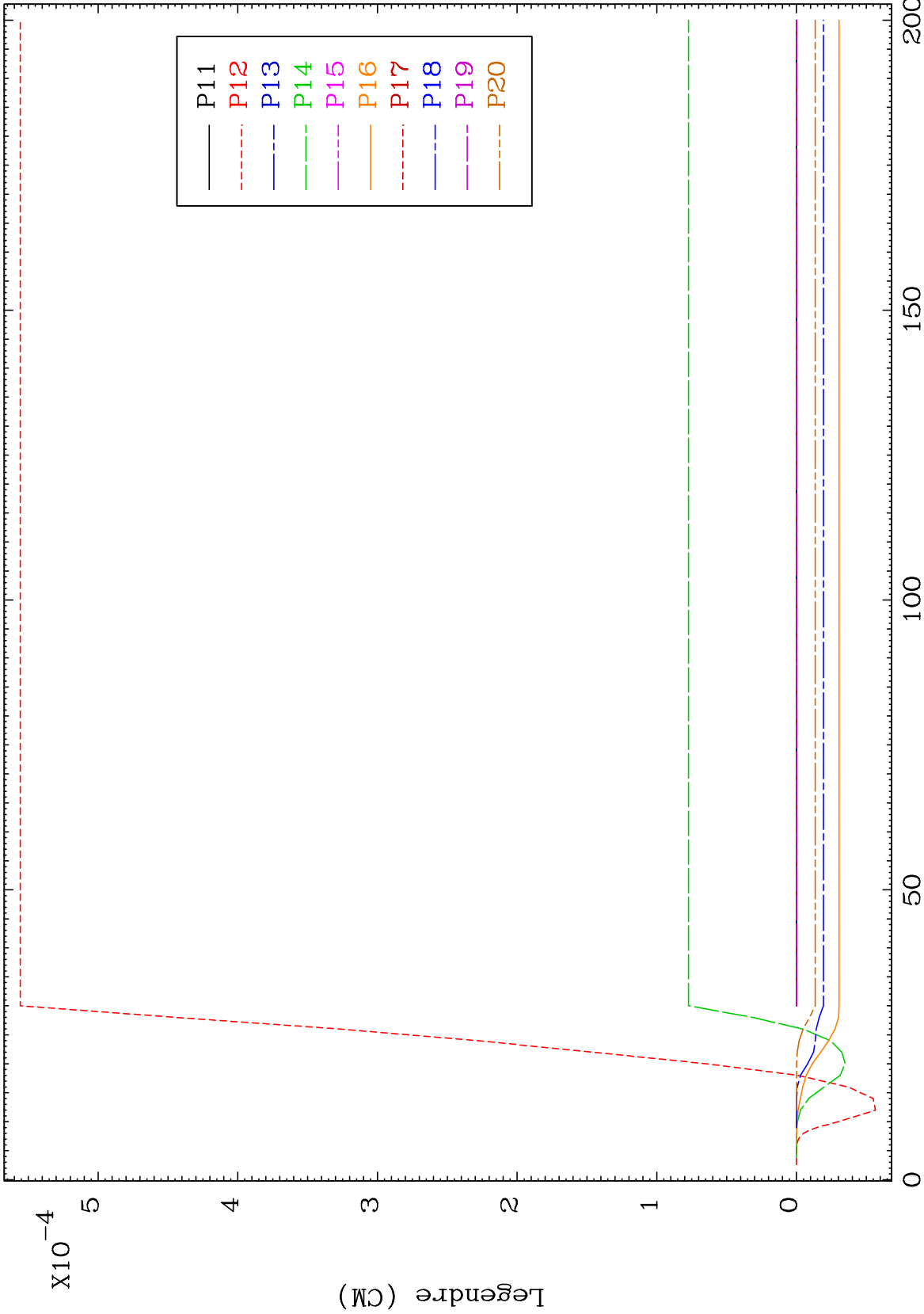
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178

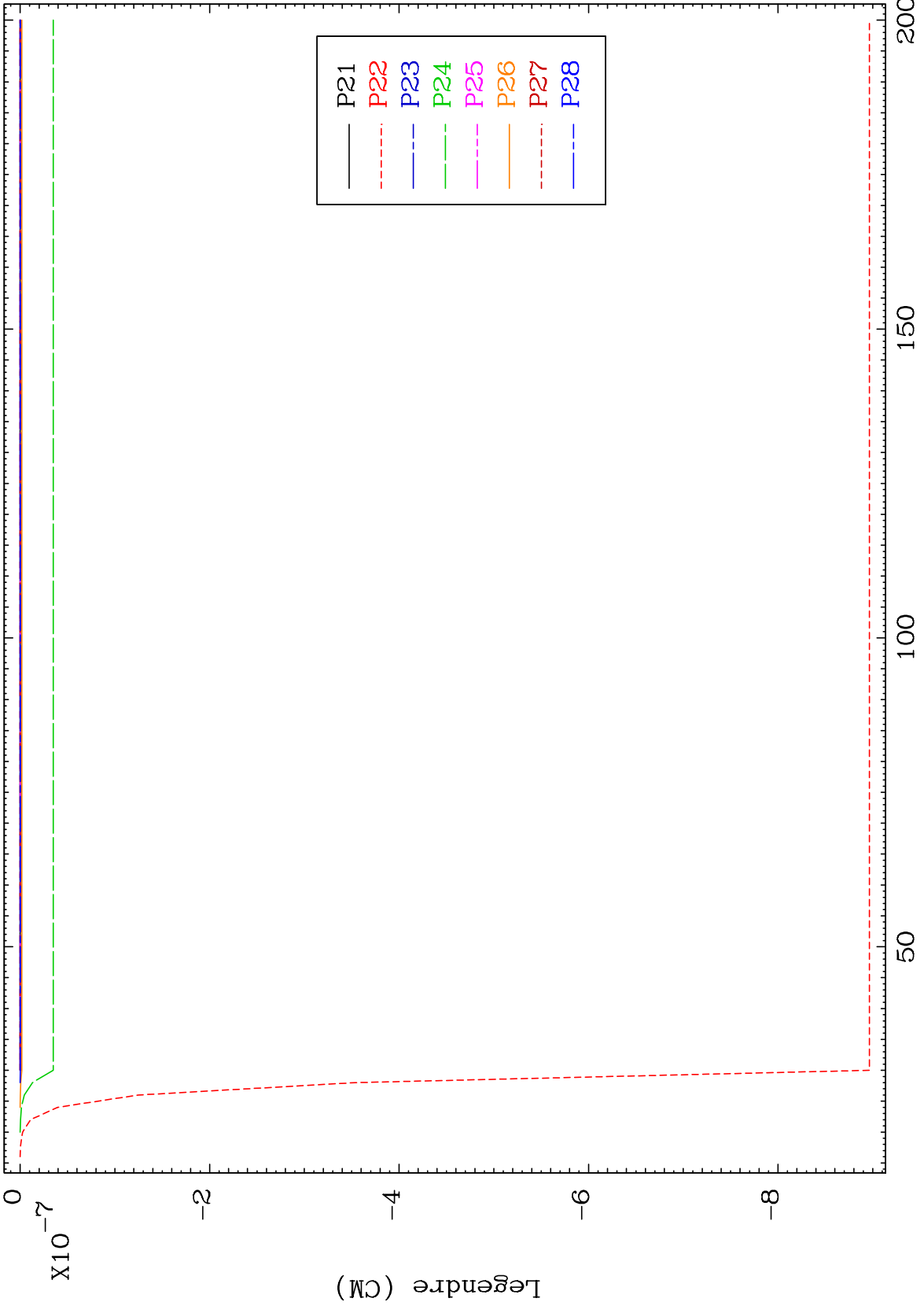


77

Incident Energy (MeV)

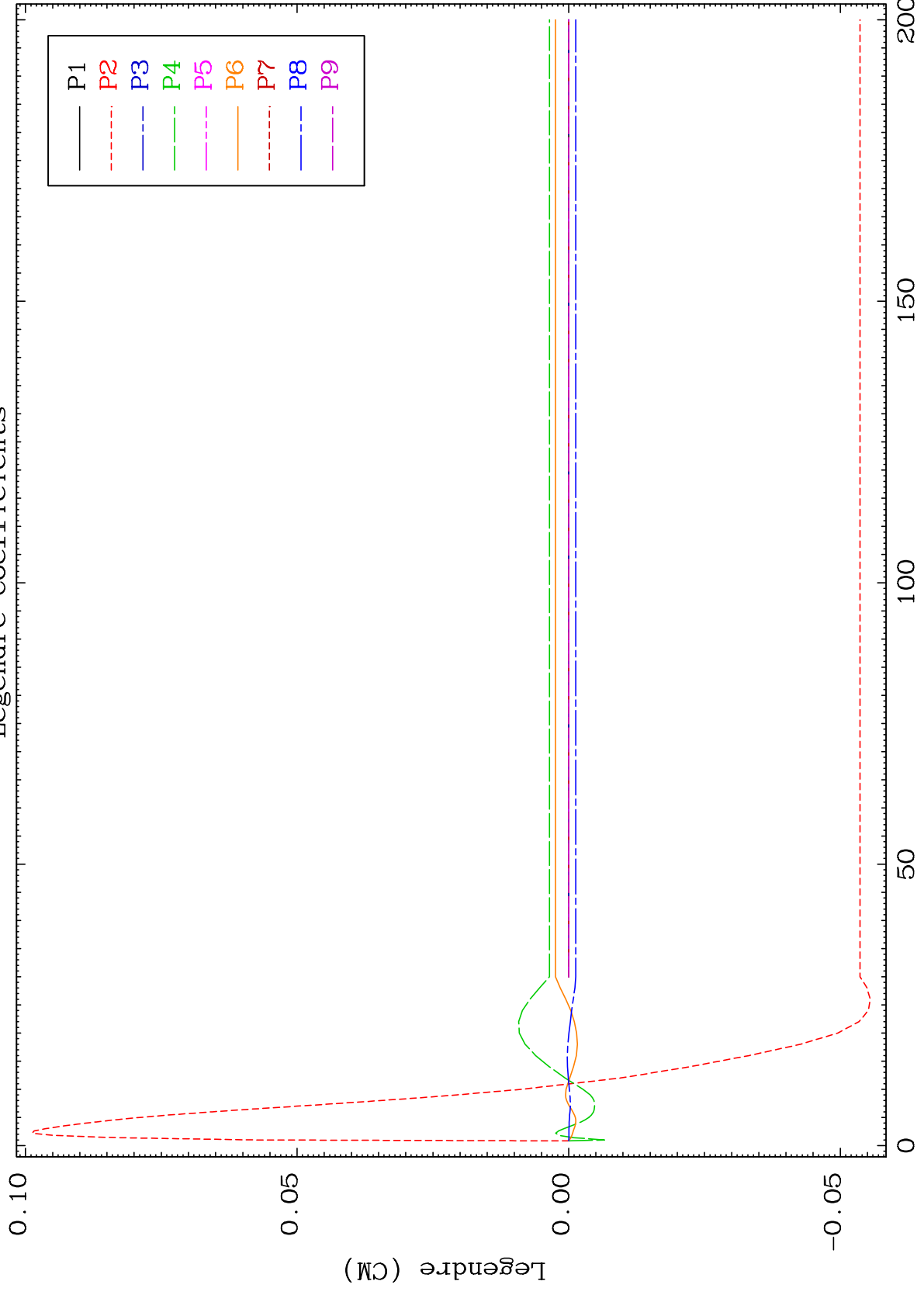
71-Lu-178

MAT 7134 MT= 67 (n,n') Level Legendre Coefficients 71-Lu-178



78 71-Lu-178

MAT 7134 MT= 68 (n,n') Level Legendre Coefficients 71-Lu-178

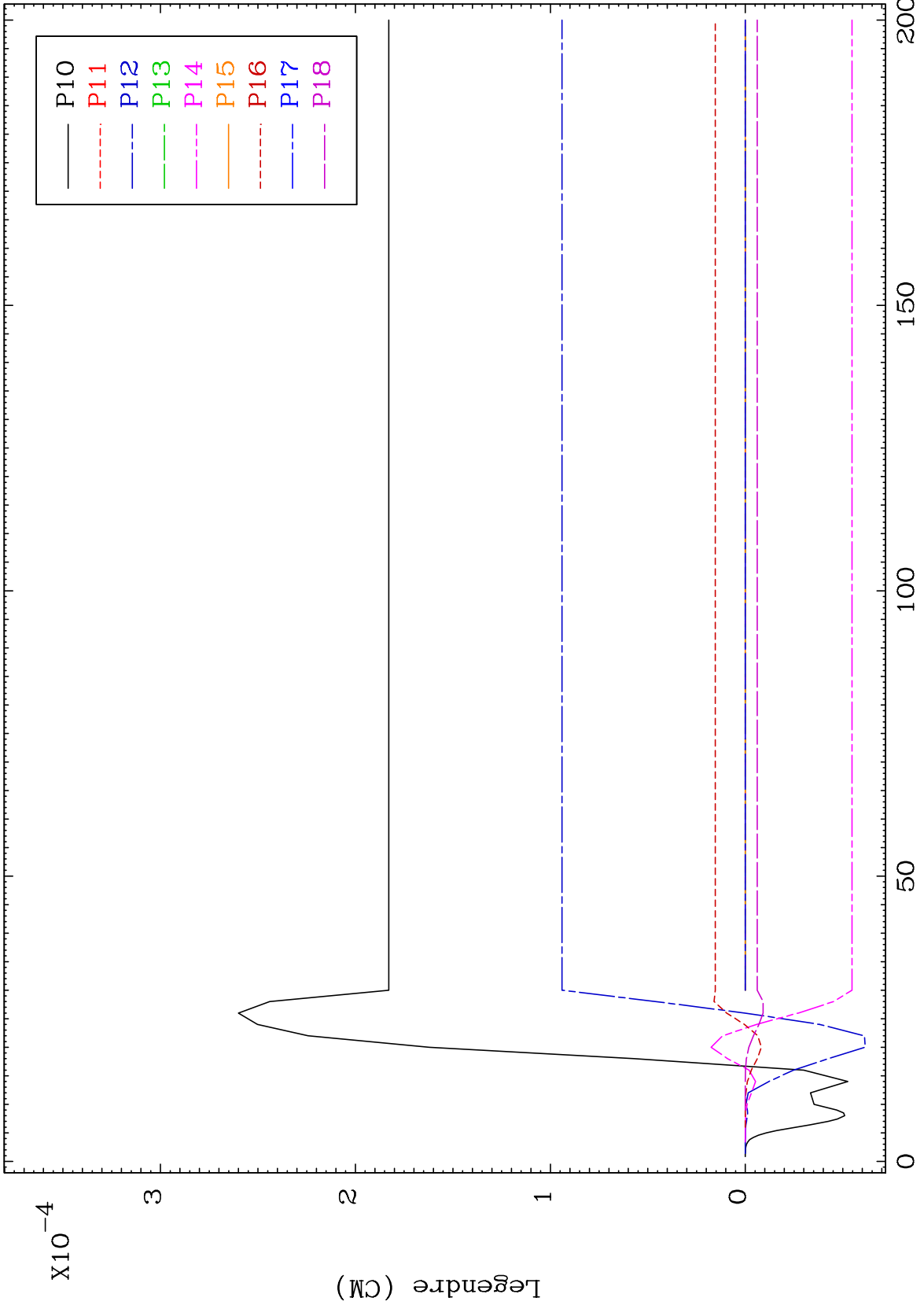


79 71-Lu-178

MAT 7134

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

71-Lu-178



80

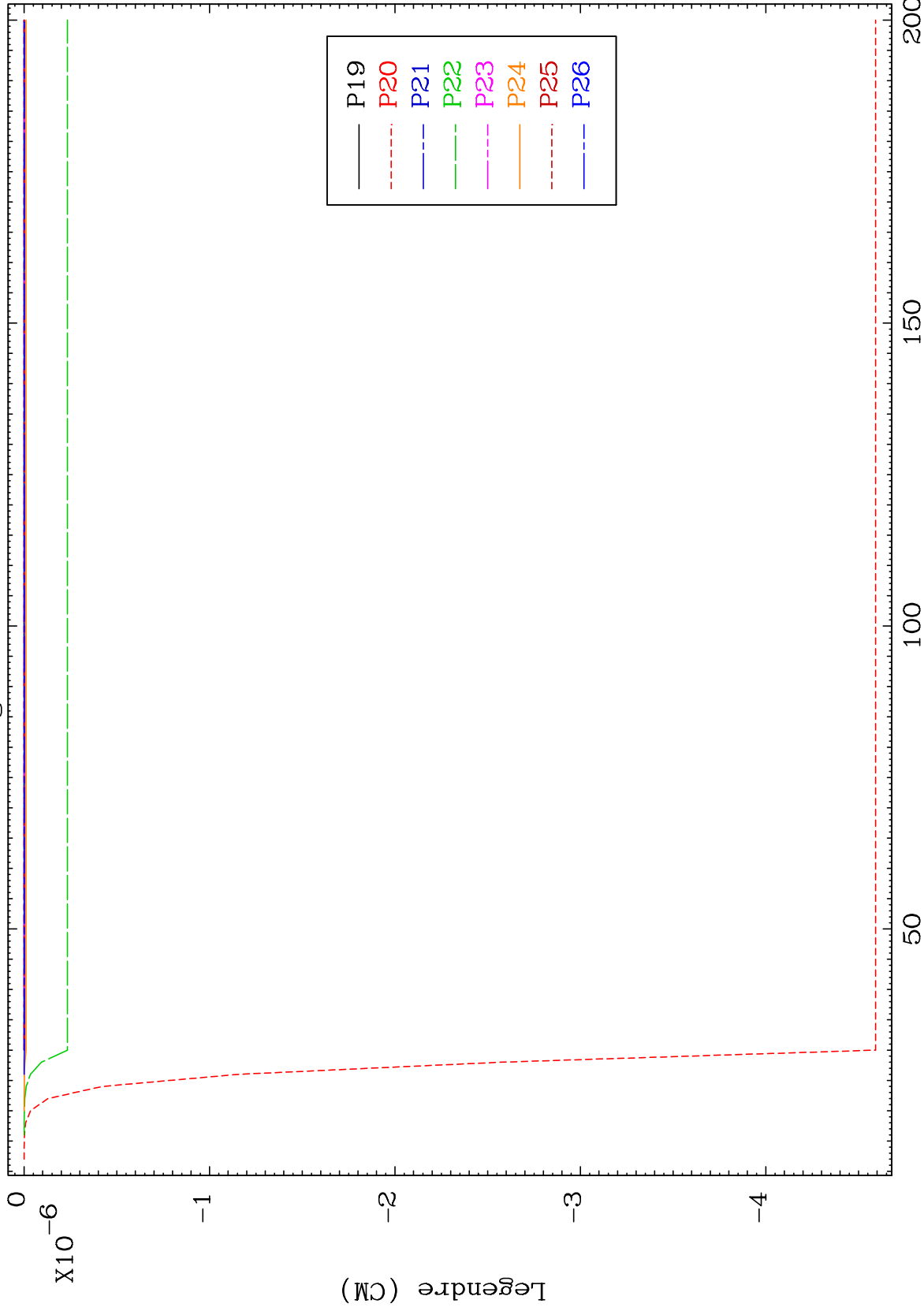
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



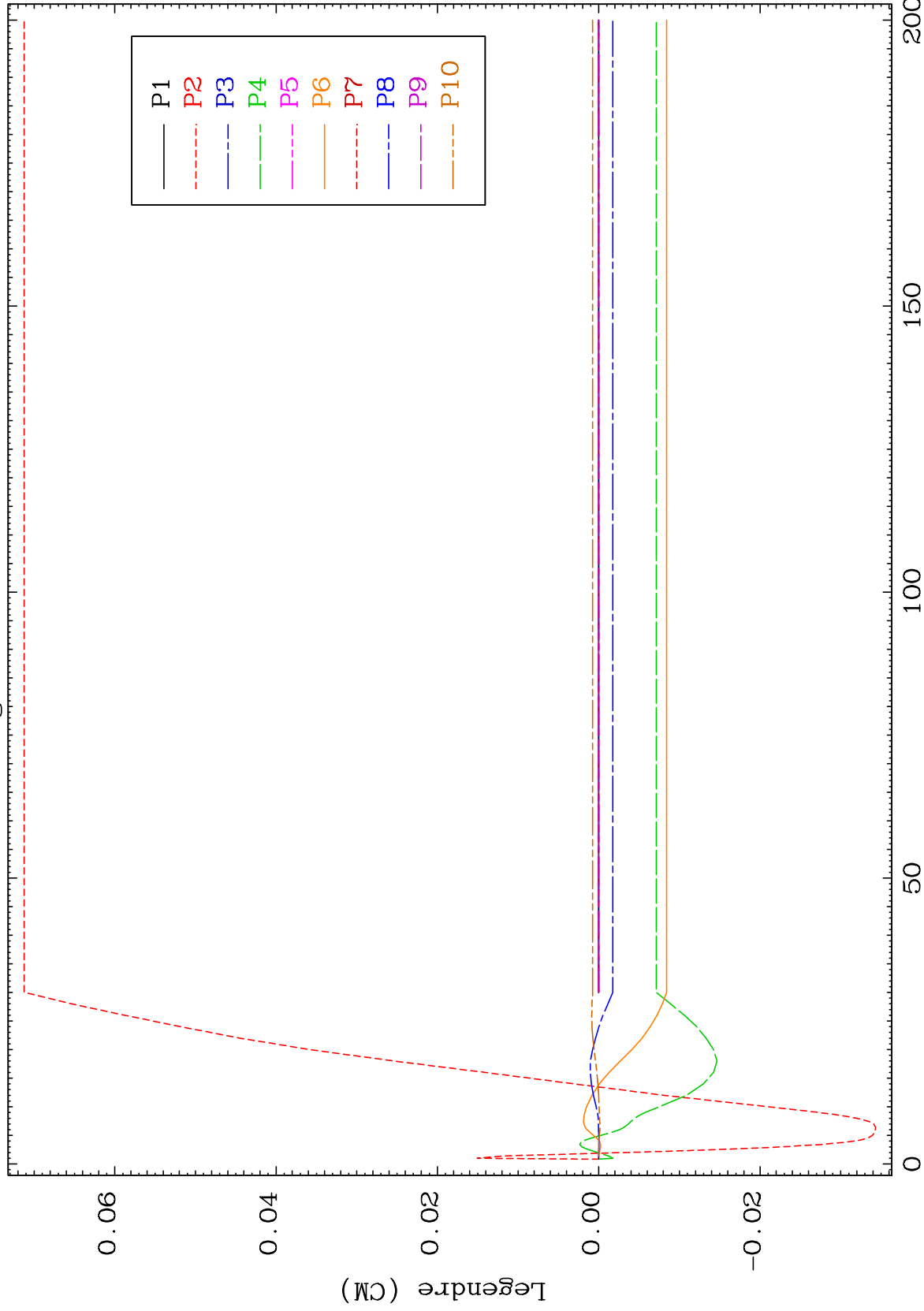
81

71-Lu-178

MAT 7134

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

71-Lu-178



82

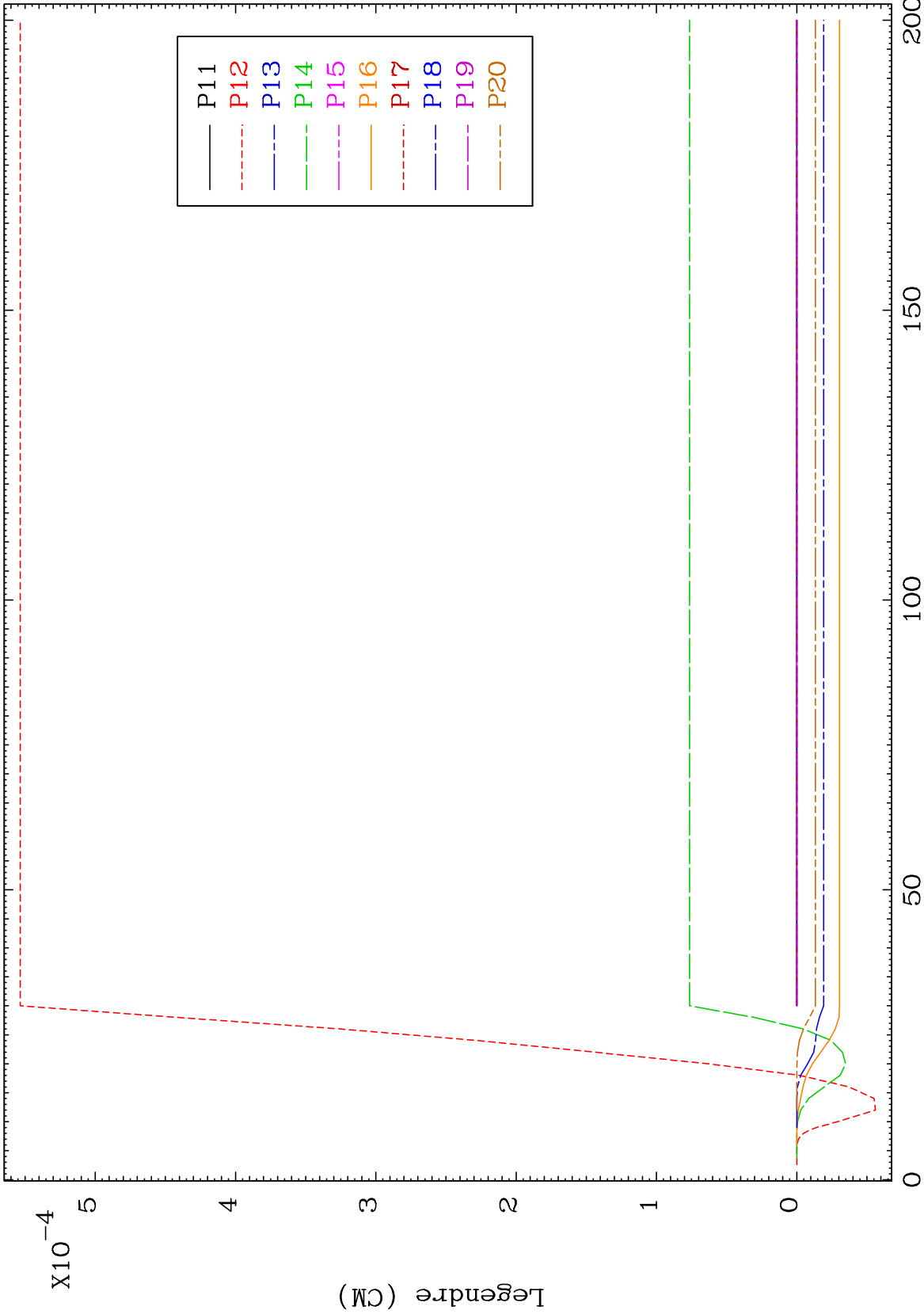
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



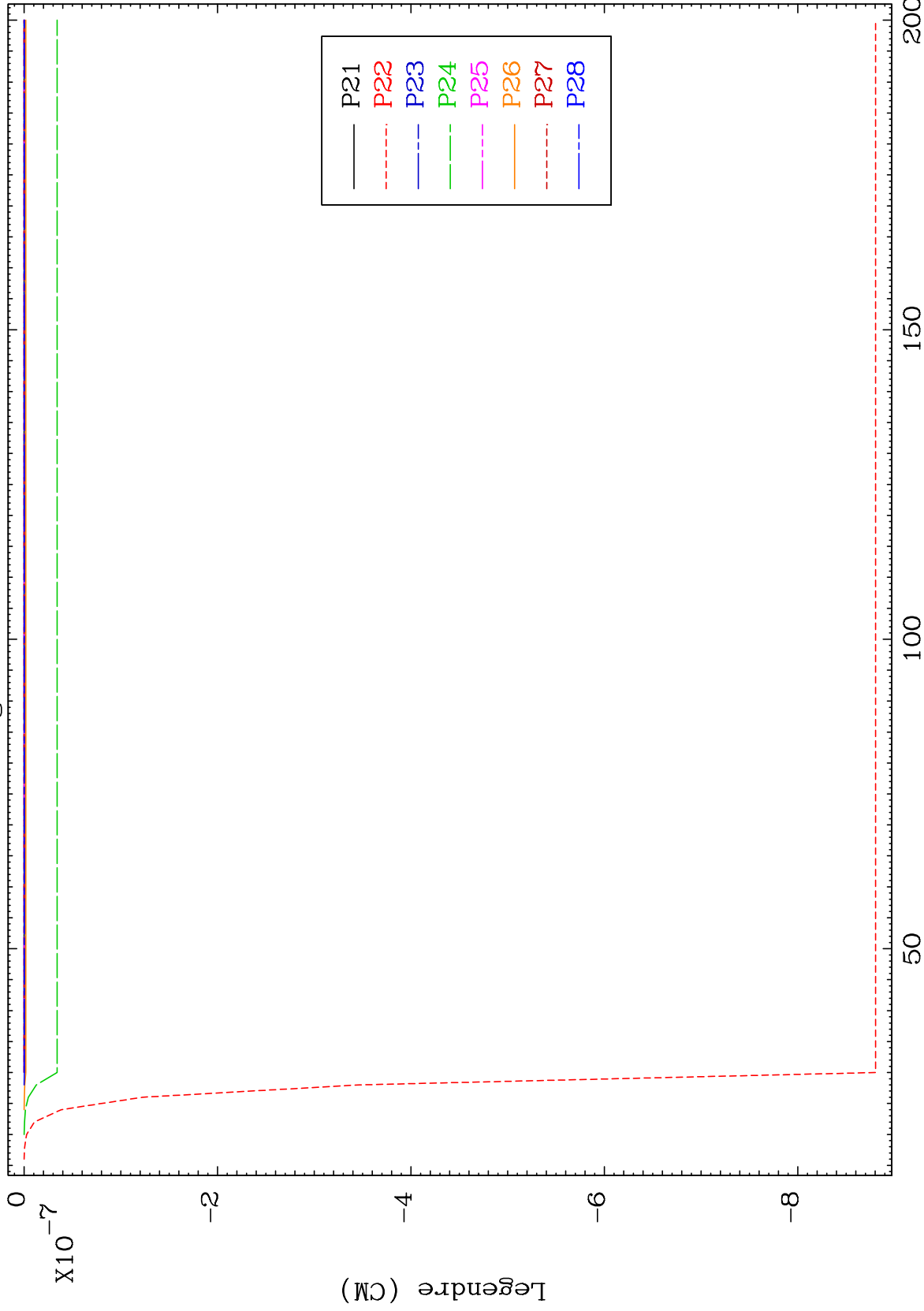
83

71-Lu-178

MAT 7134

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

71-Lu-178



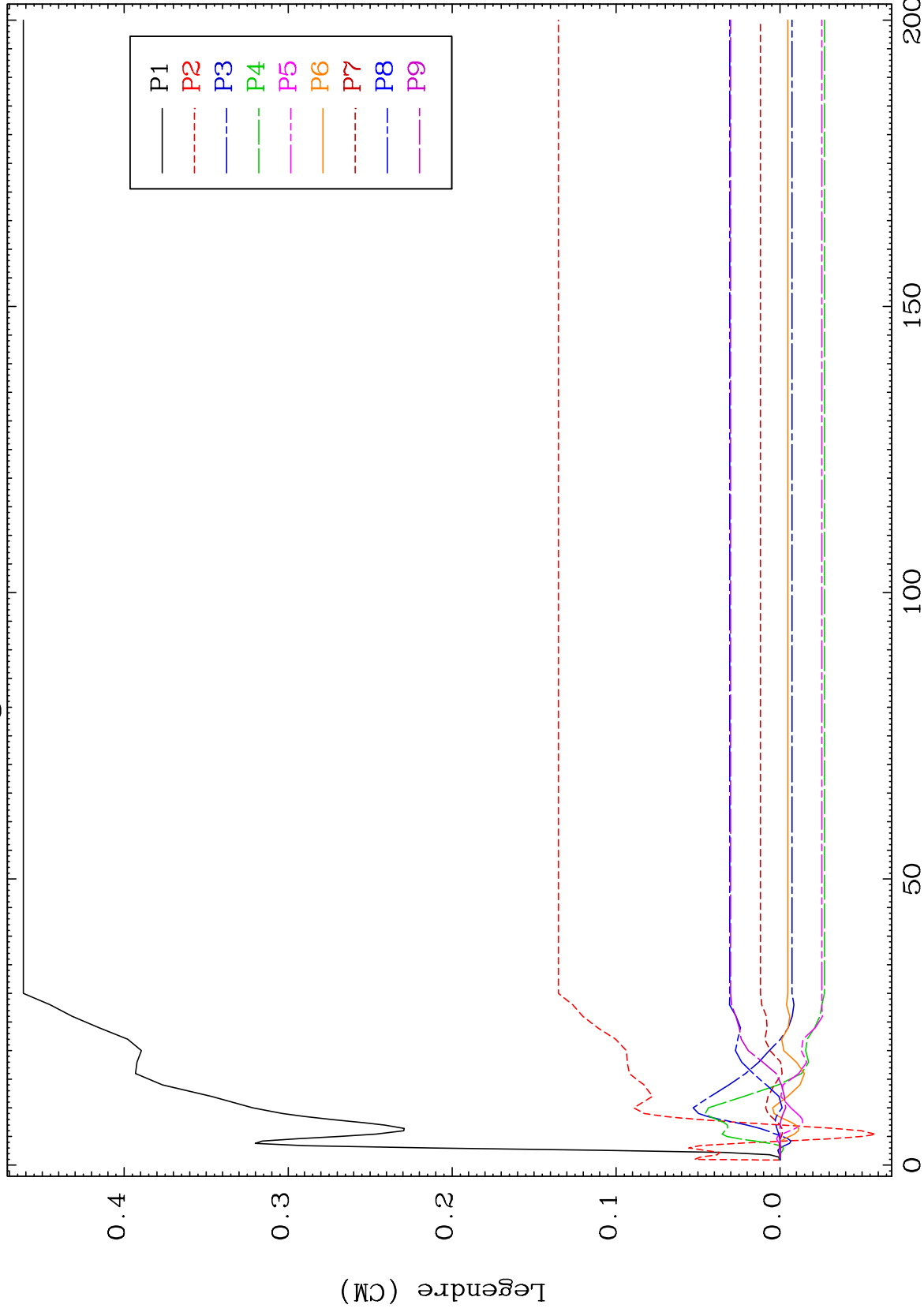
84

71-Lu-178

MAT 7134

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

71-Lu-178



85

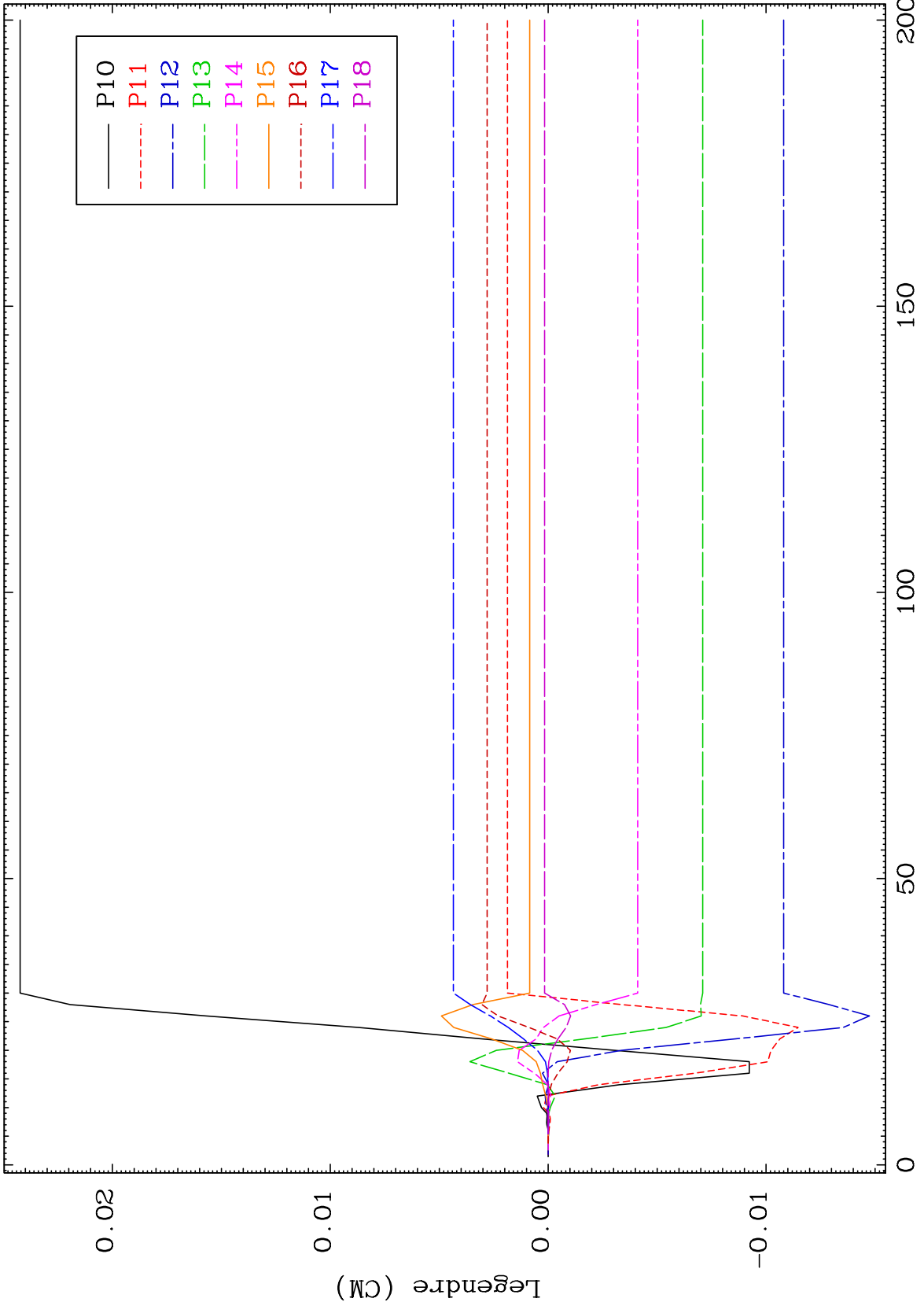
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



86

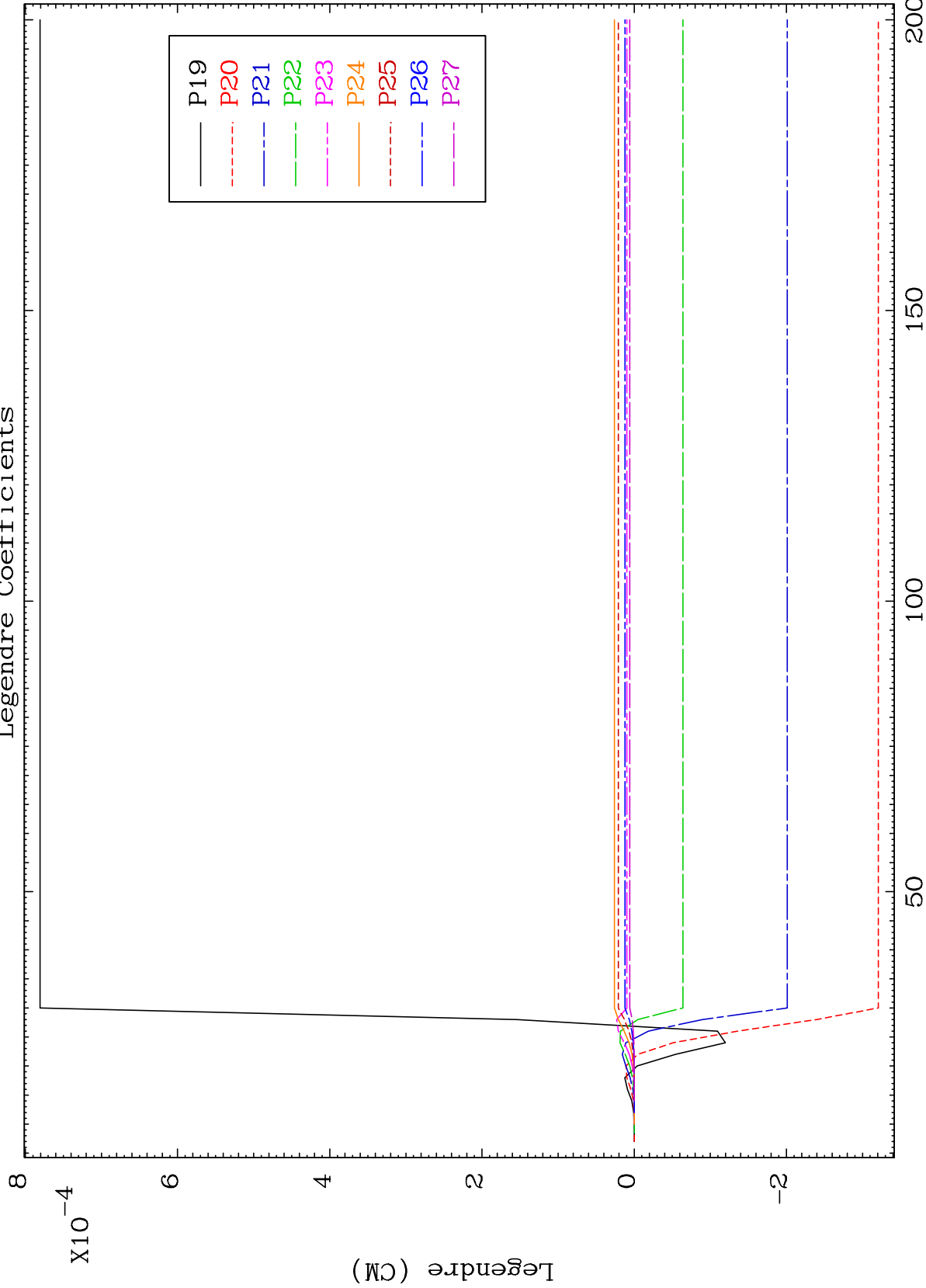
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



87

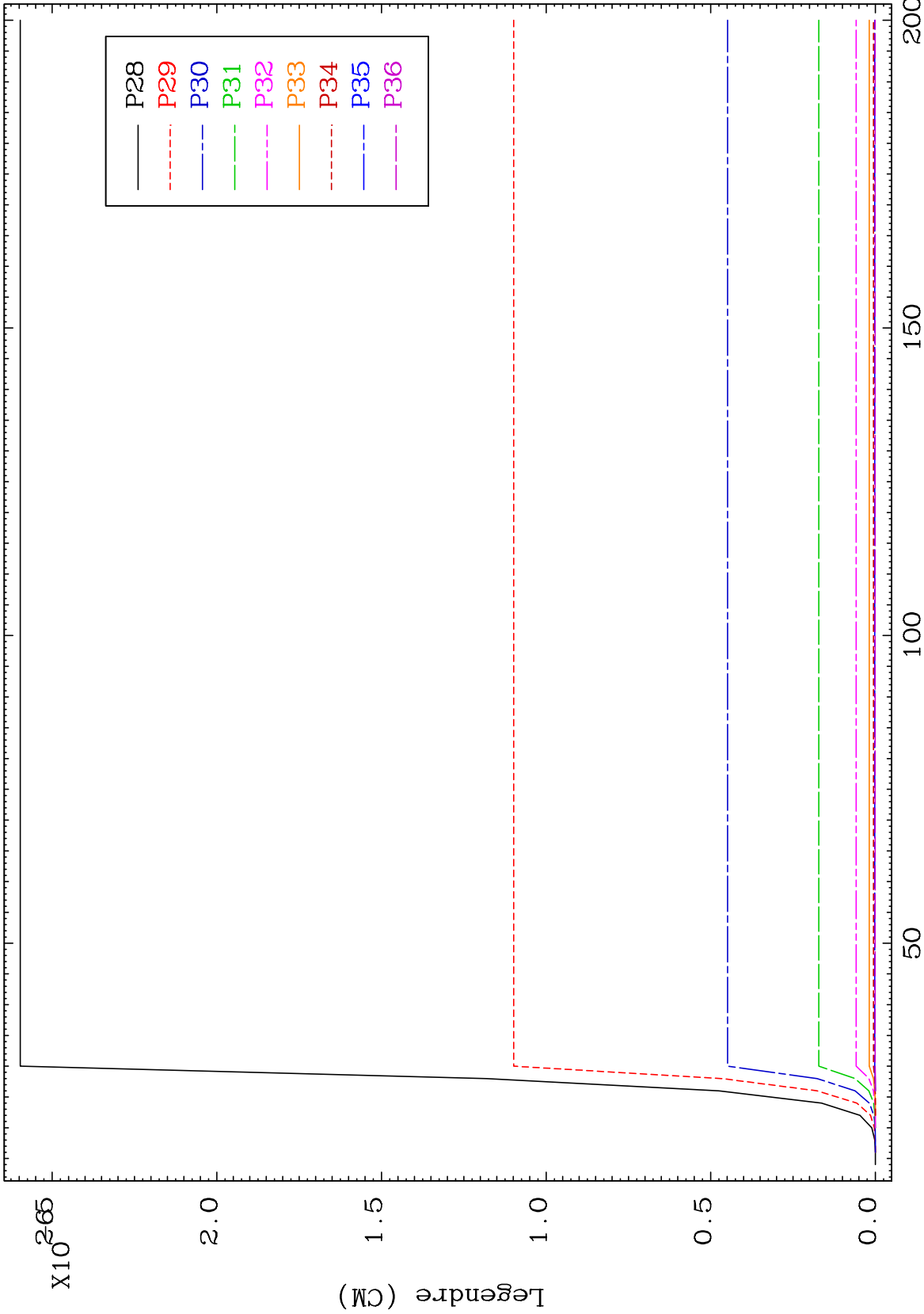
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



88

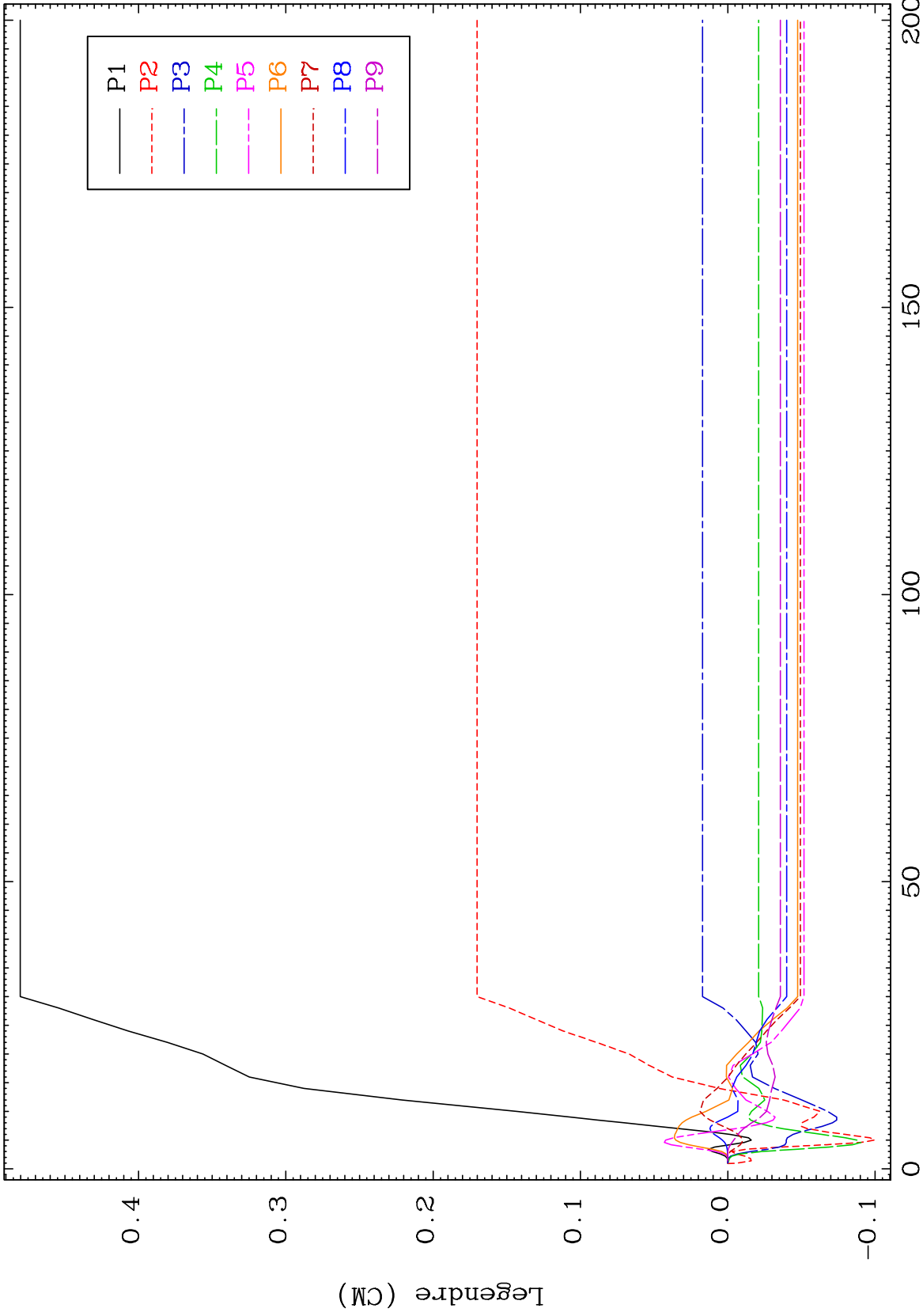
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



89

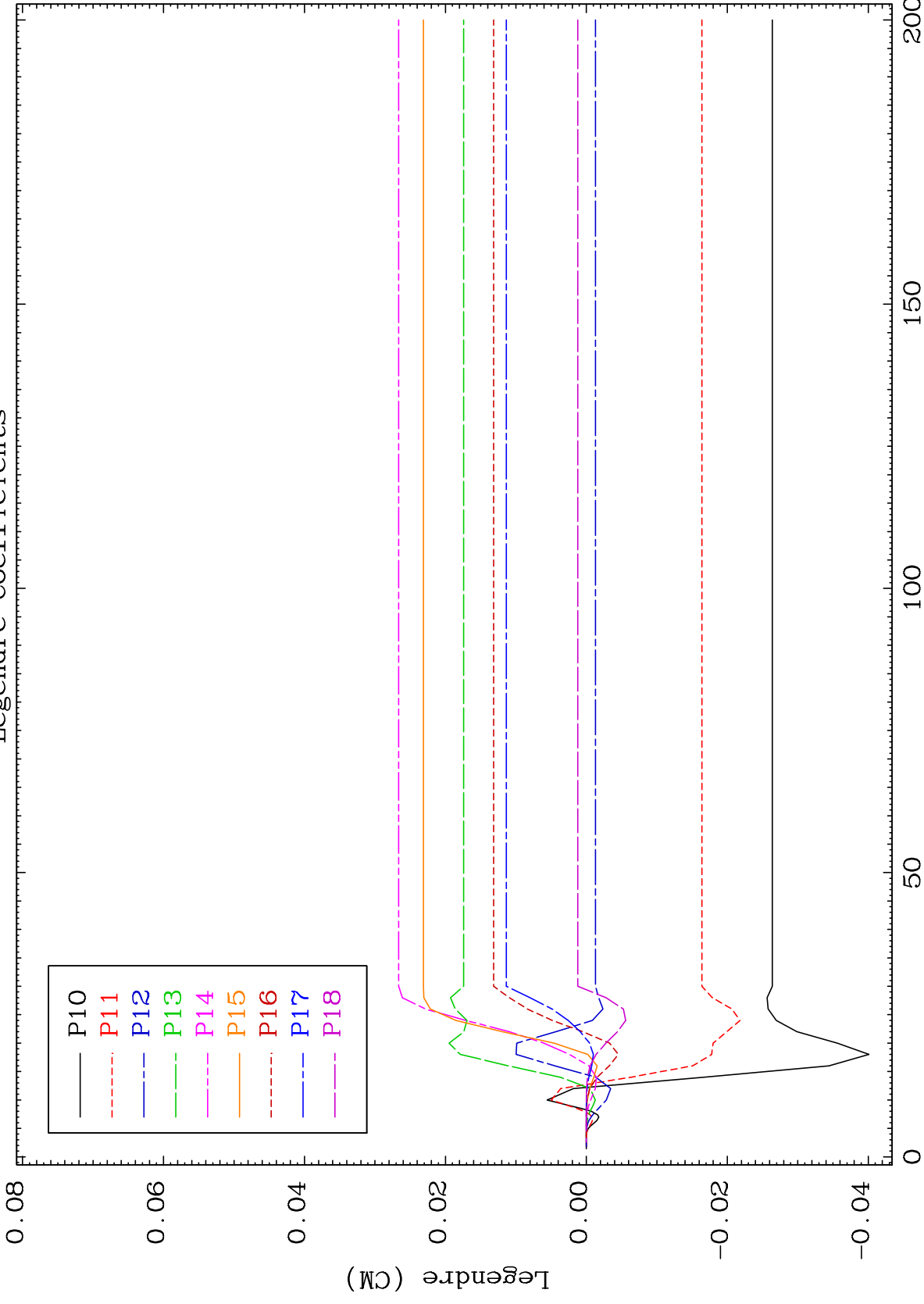
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



71-Lu-178

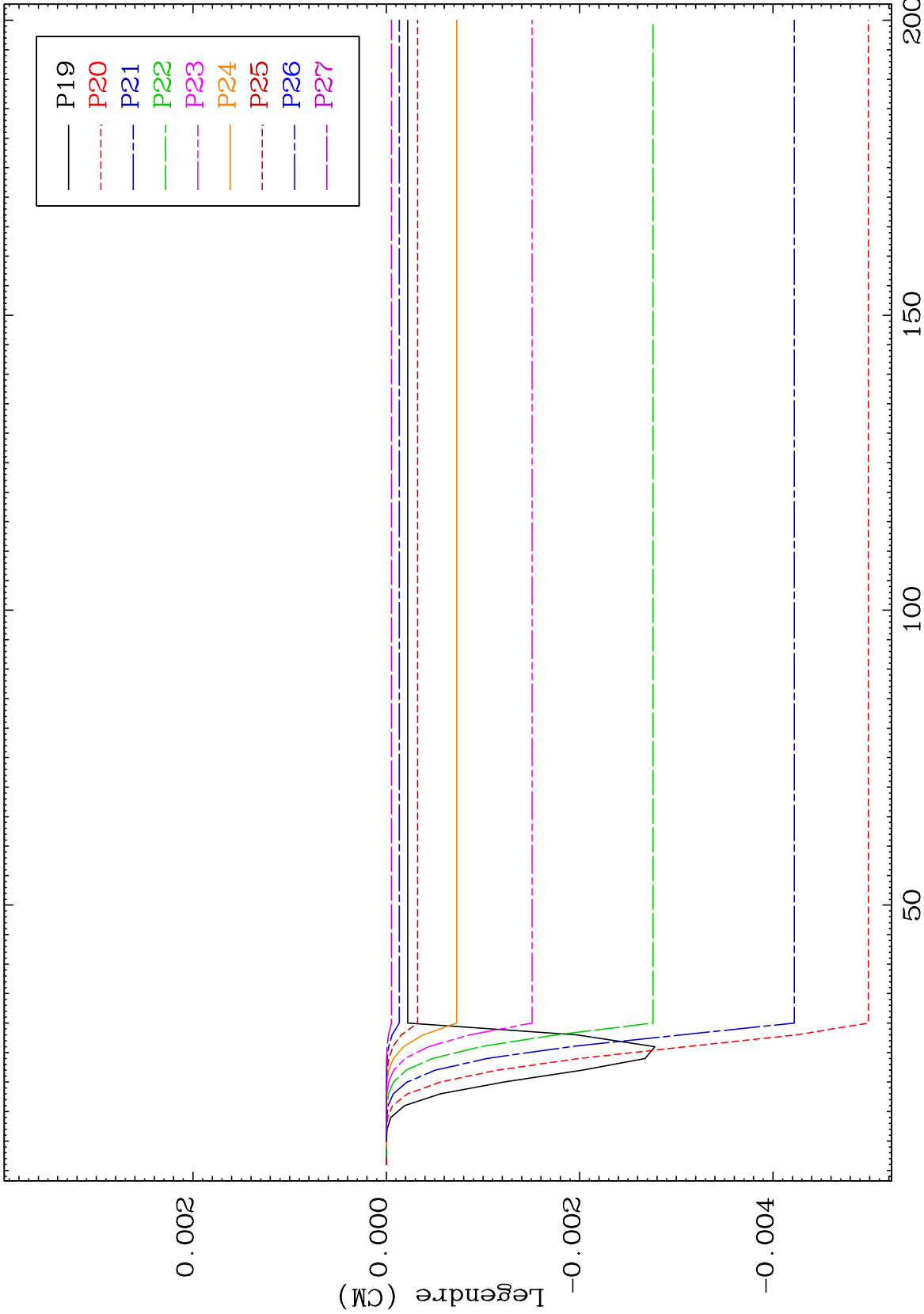
Incident Energy (MeV)

90

MAT 7134

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

71-Lu-178



91

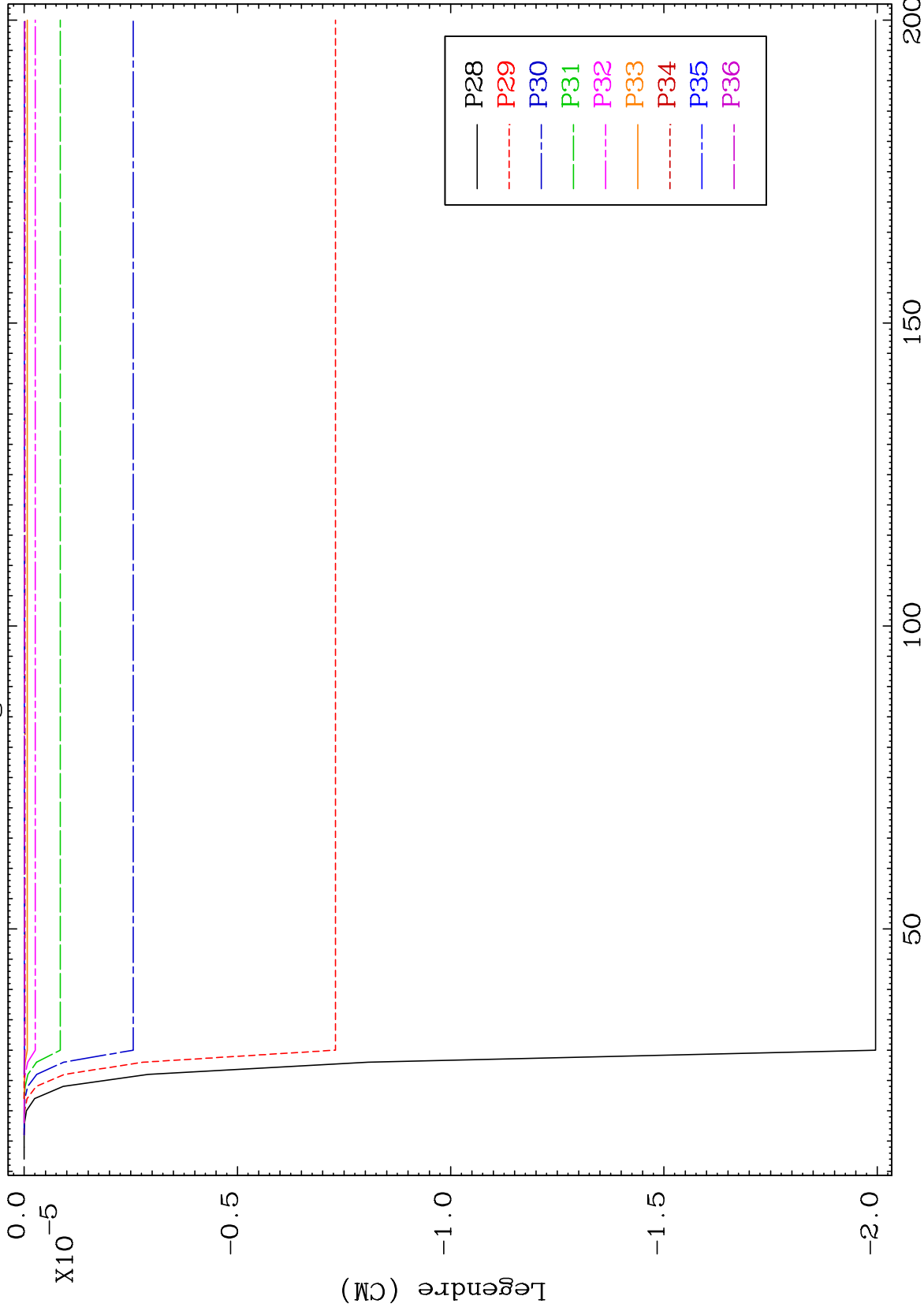
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

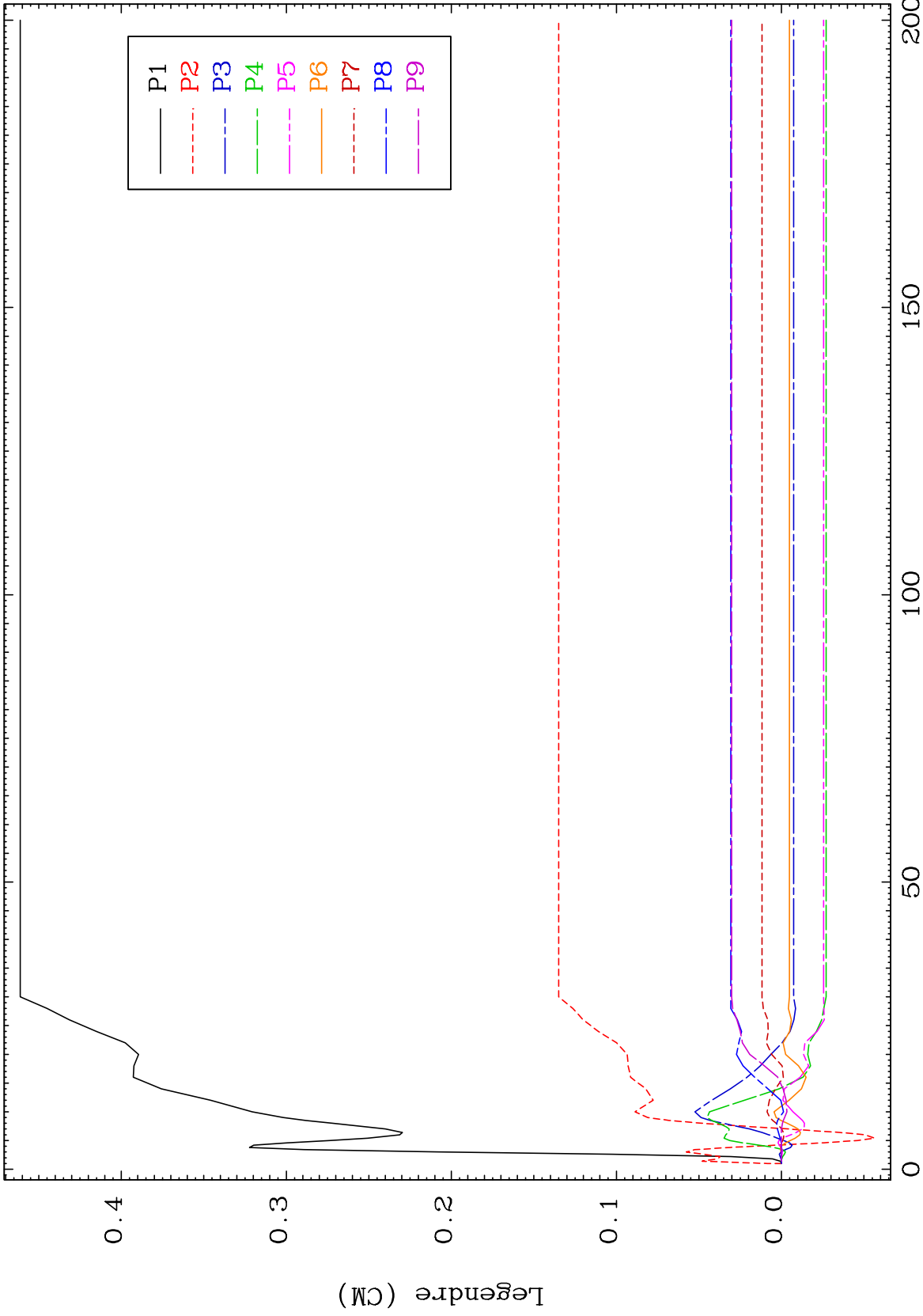
71-Lu-178



MAT 7134

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

71-Lu-178



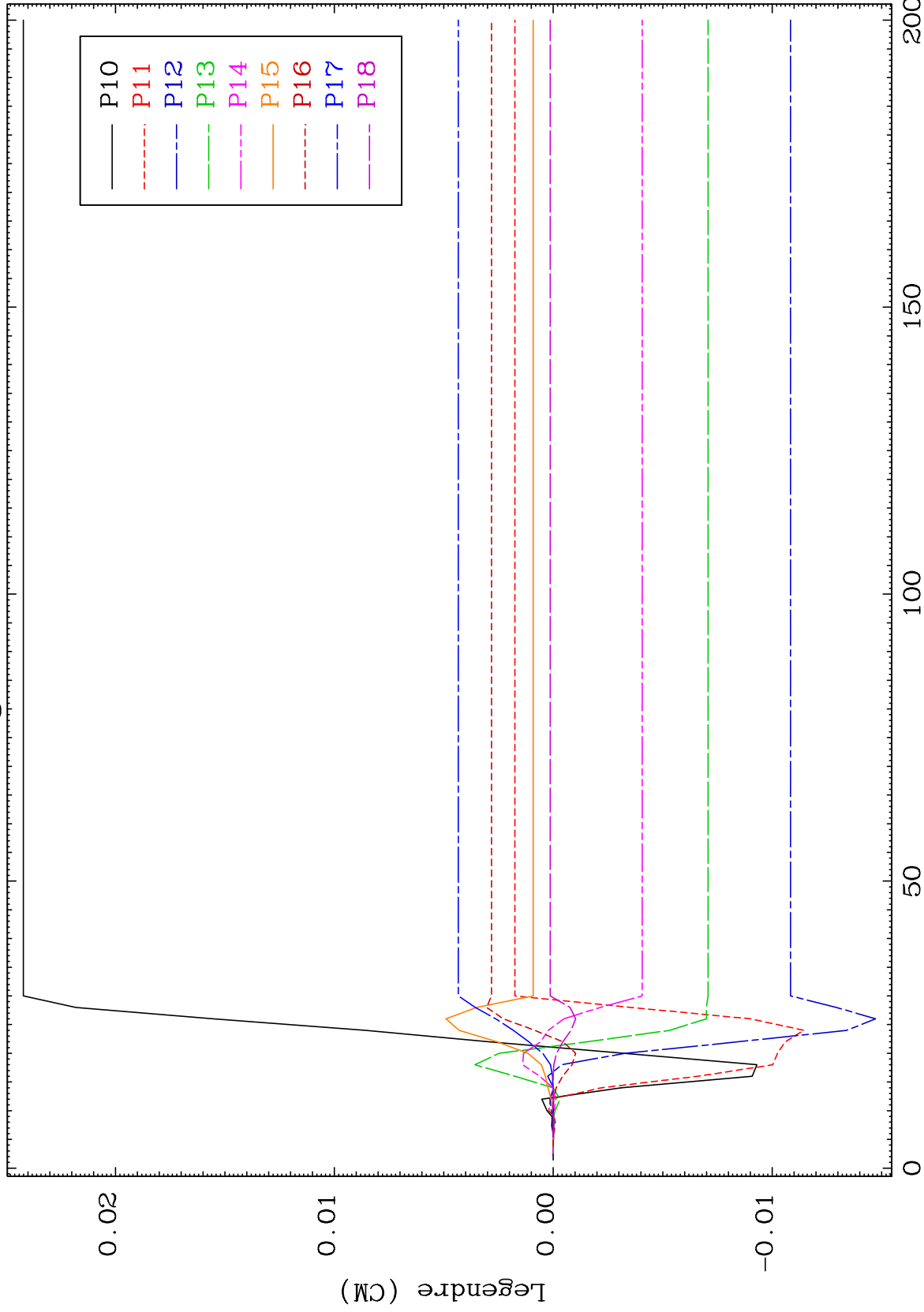
93

71-Lu-178

MAT 7134

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

71-Lu-178



94

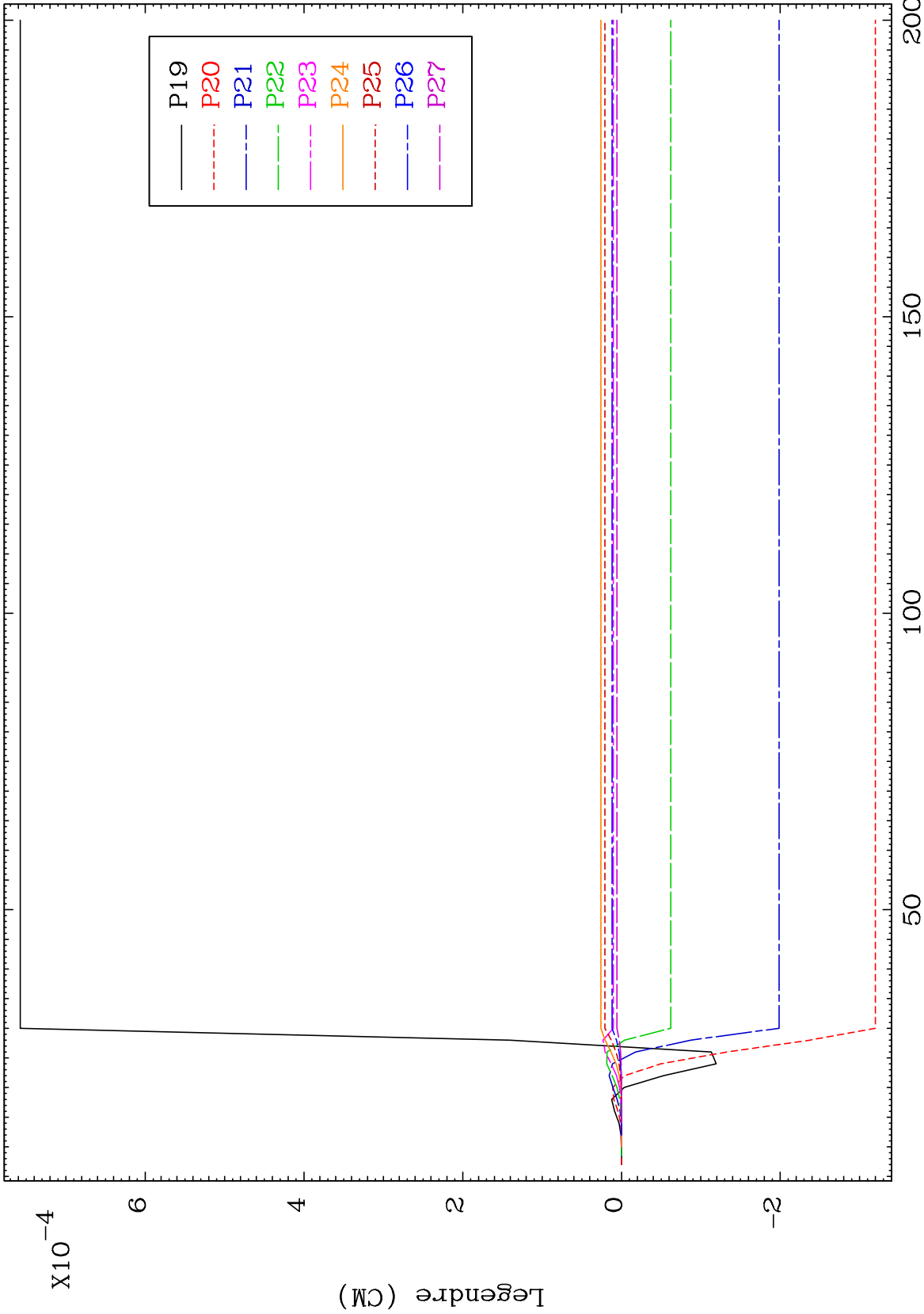
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



95

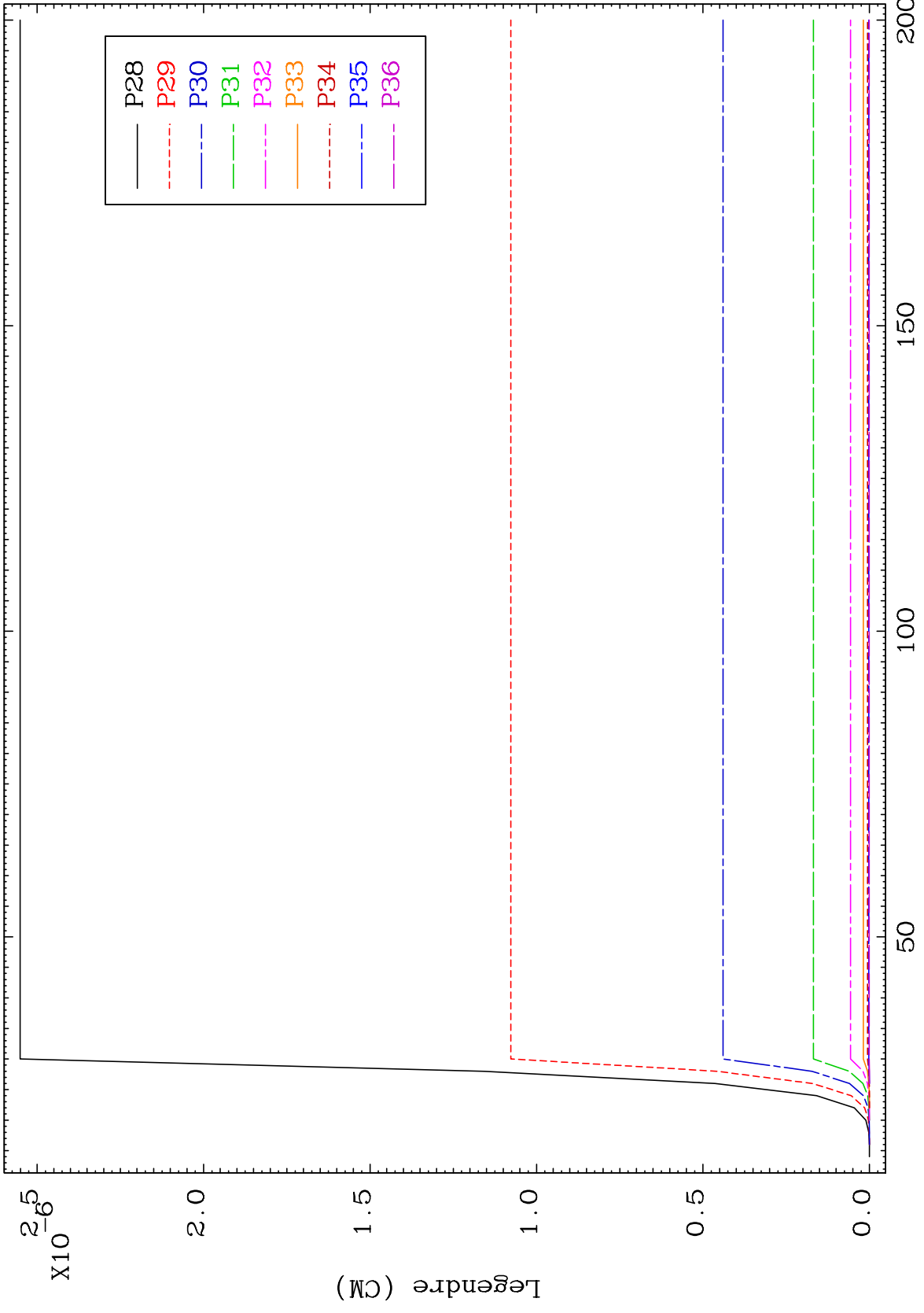
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



96

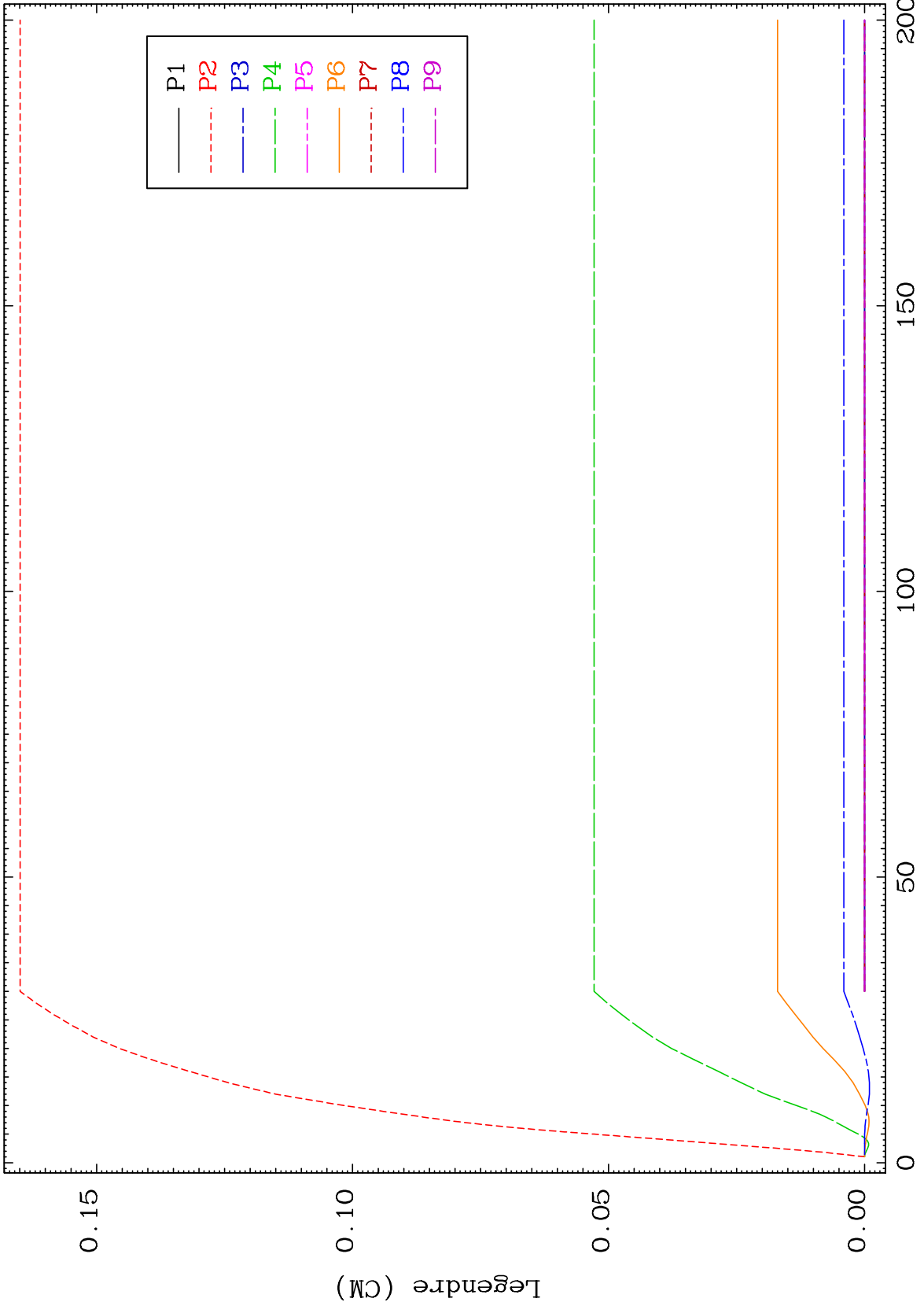
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



97

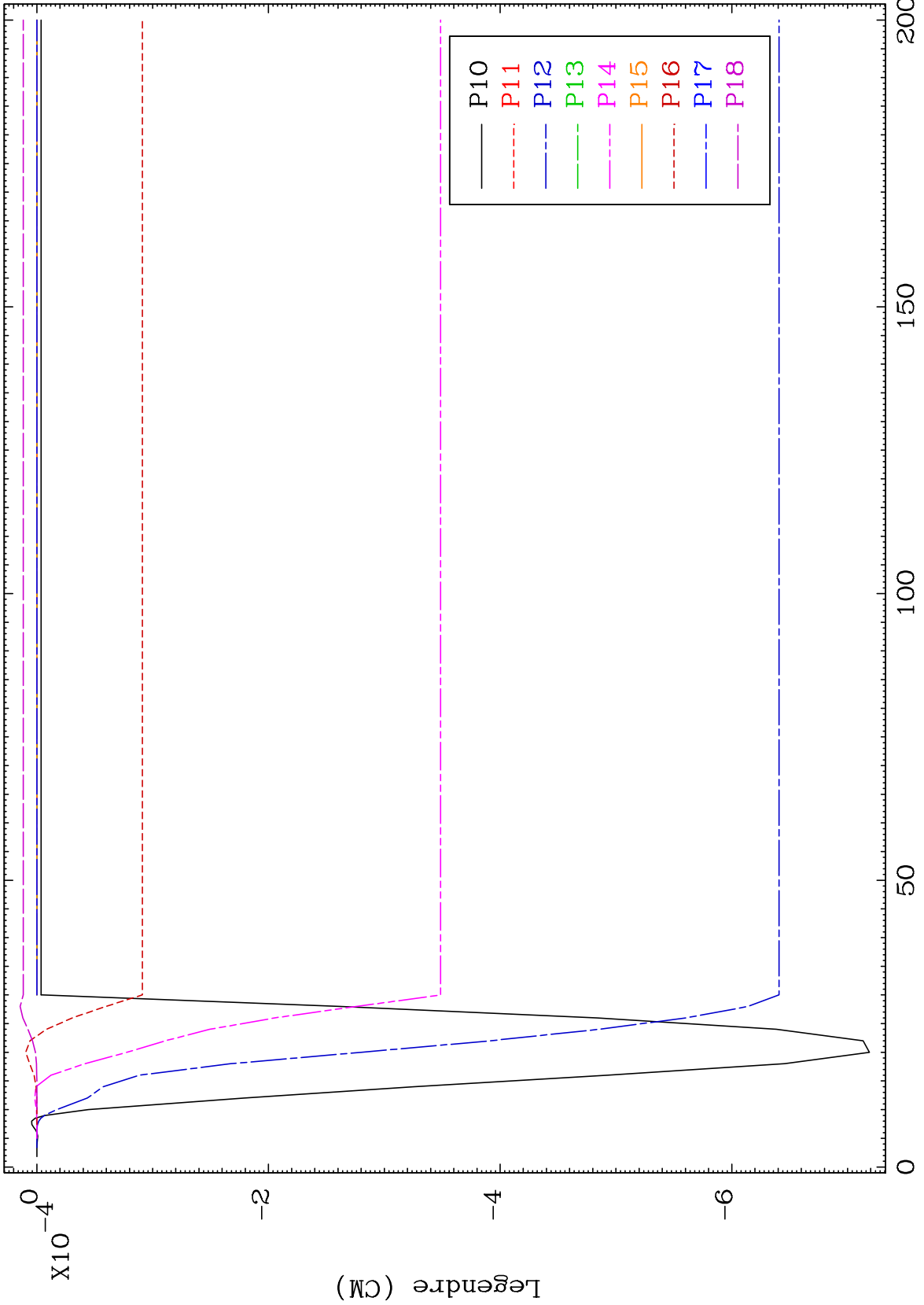
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



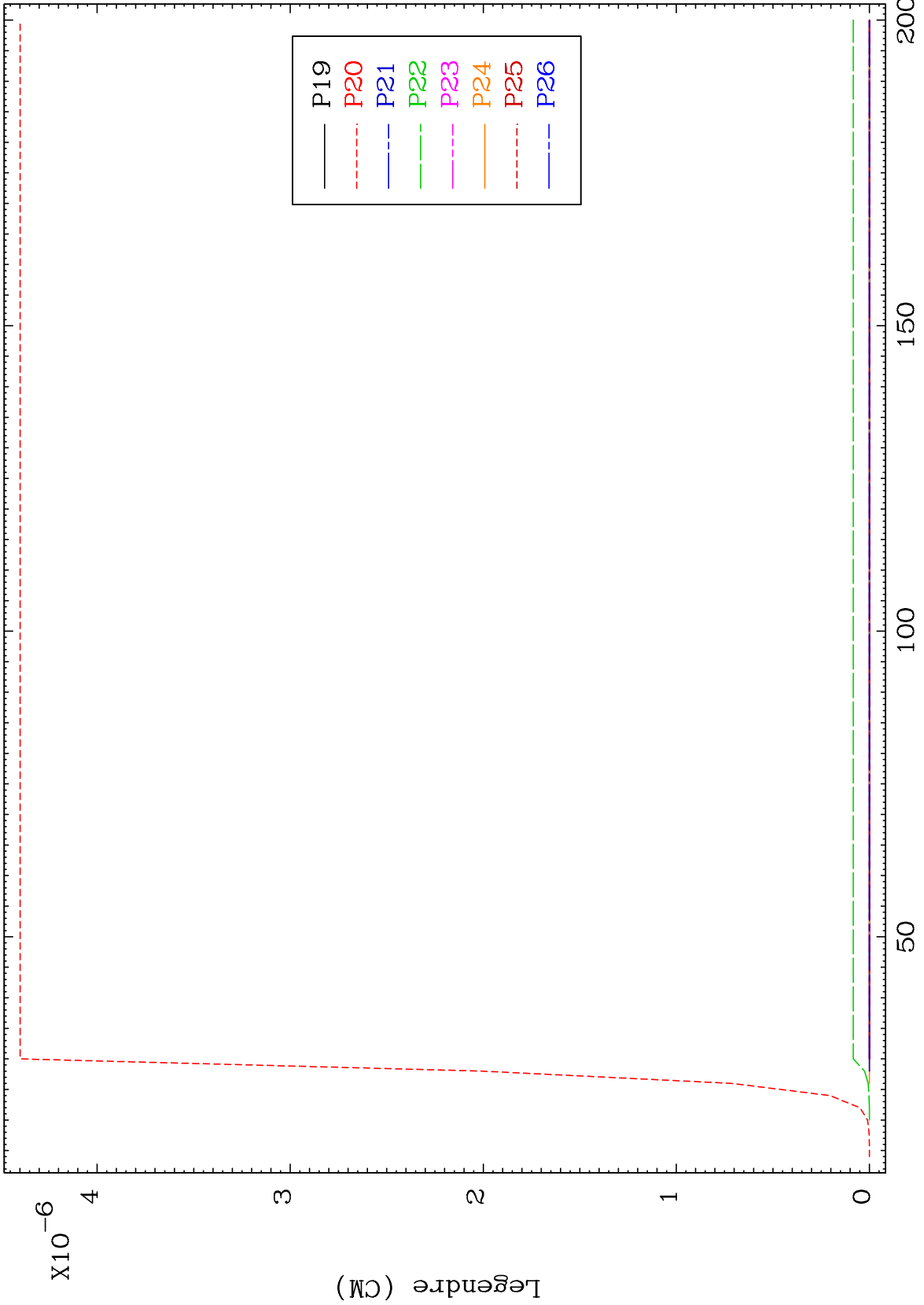
98

71-Lu-178

MAT 7134

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

71-Lu-178



99

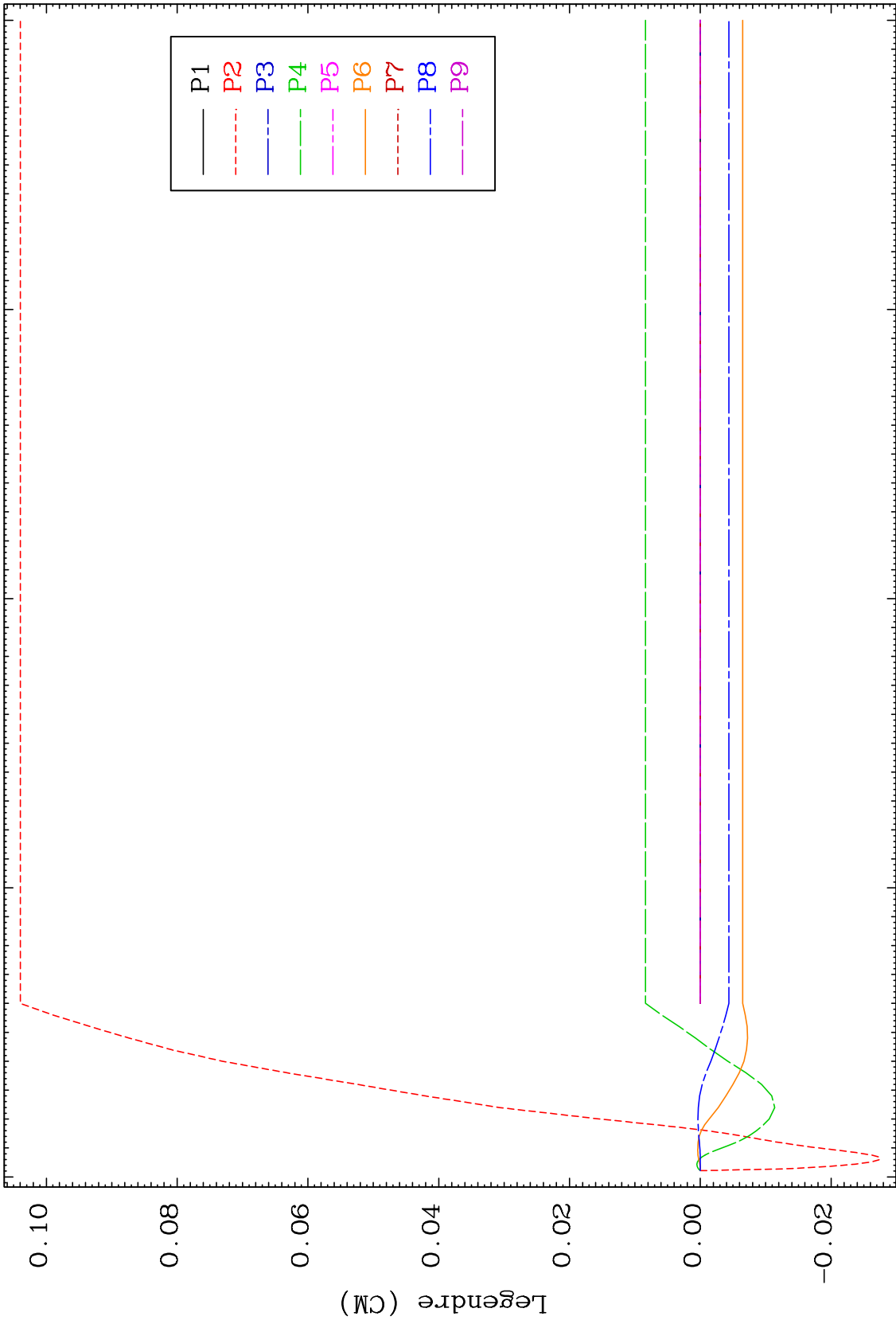
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



71-Lu-178

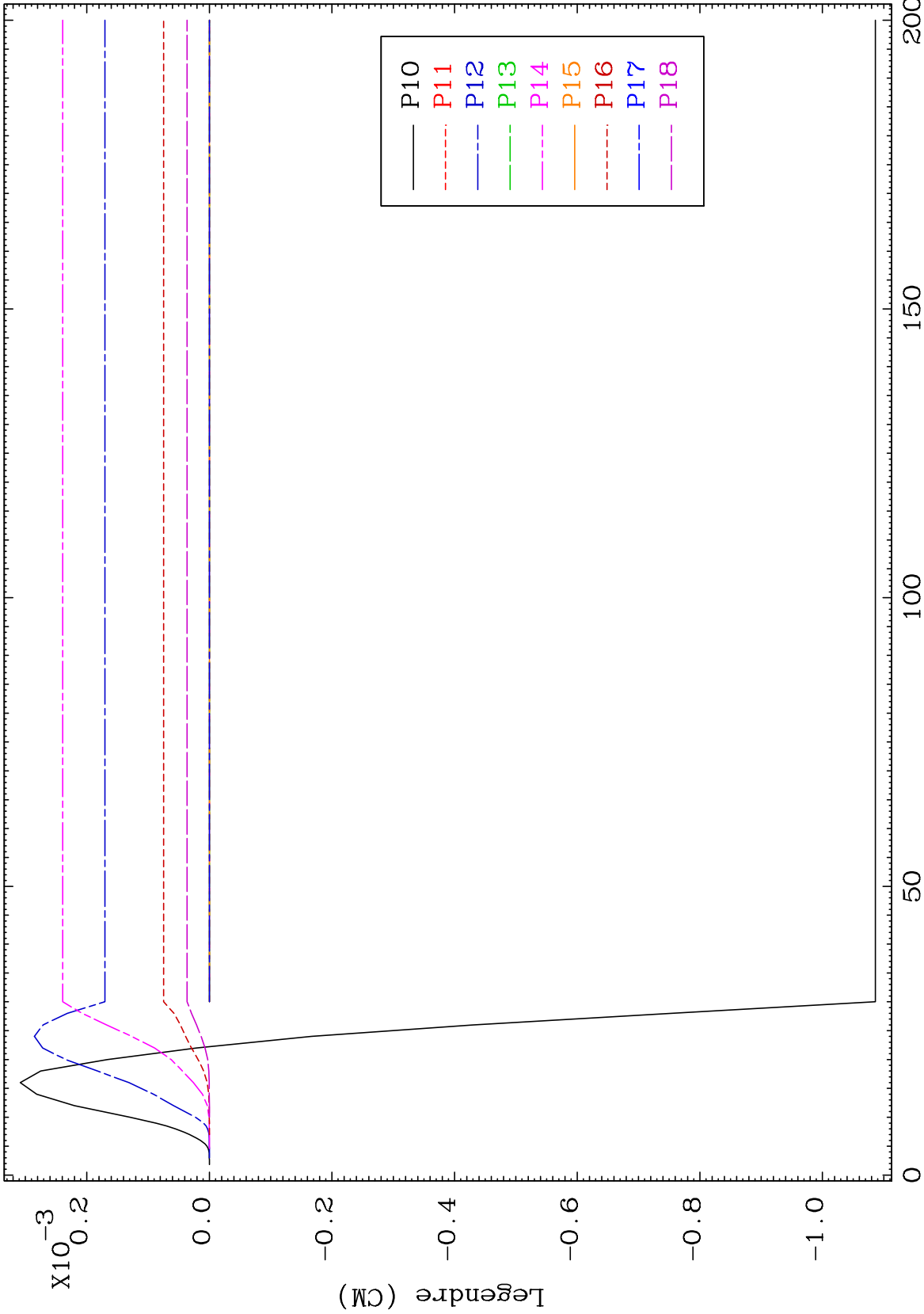
Incident Energy (MeV)

100

MAT 7134

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

71-Lu-178



101

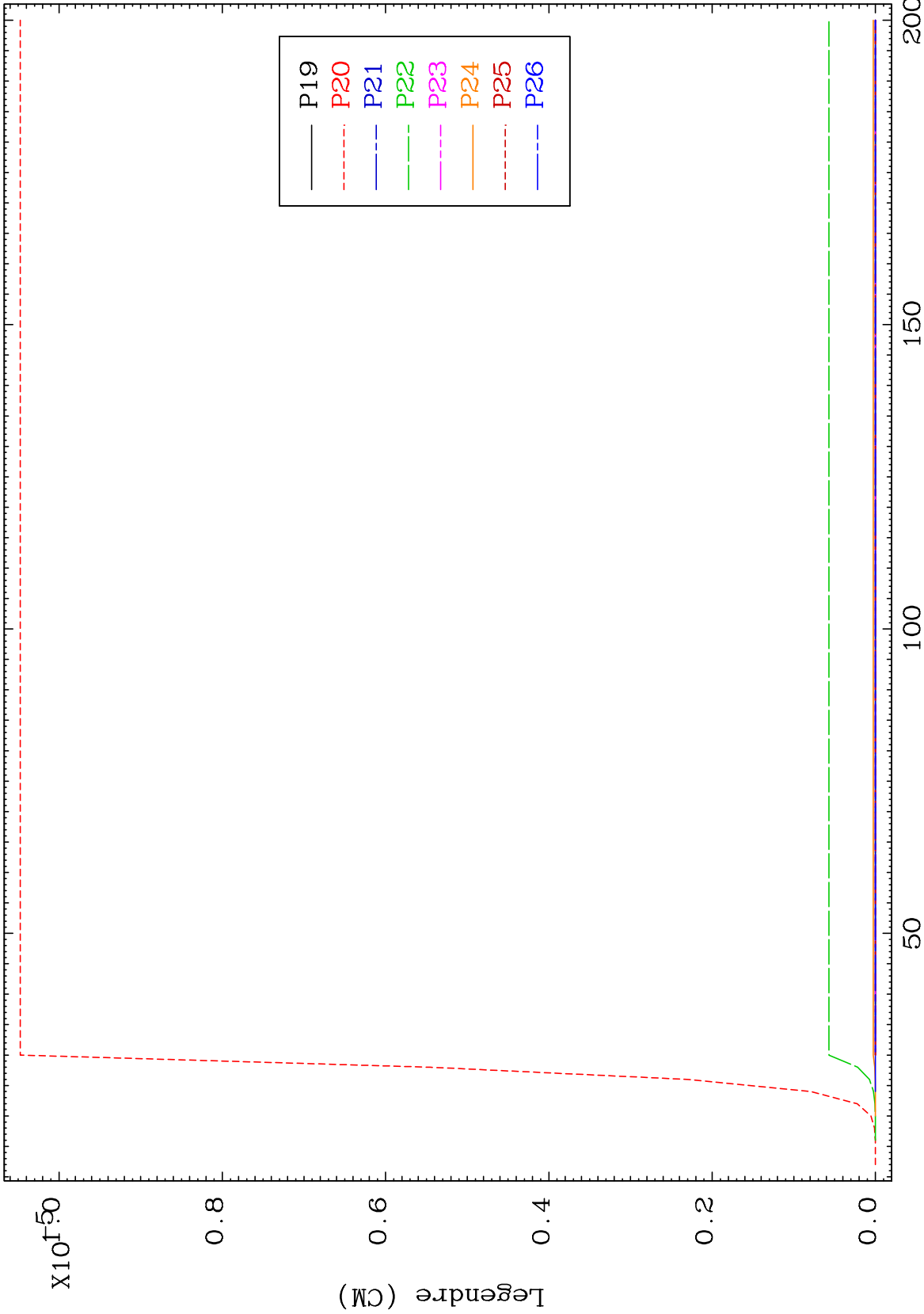
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



71-Lu-178

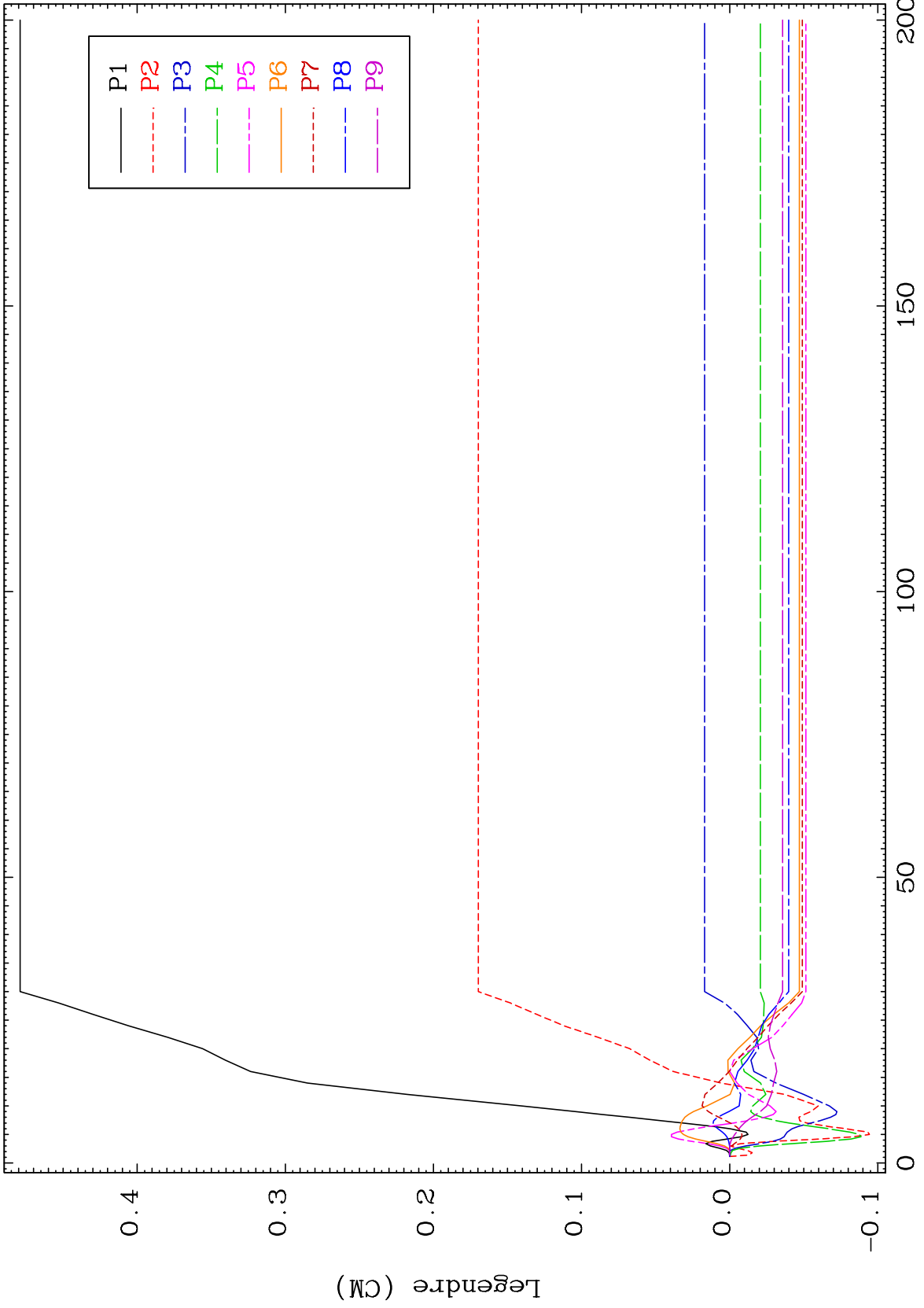
Incident Energy (MeV)

102

MAT 7134

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

71-Lu-178



71-Lu-178

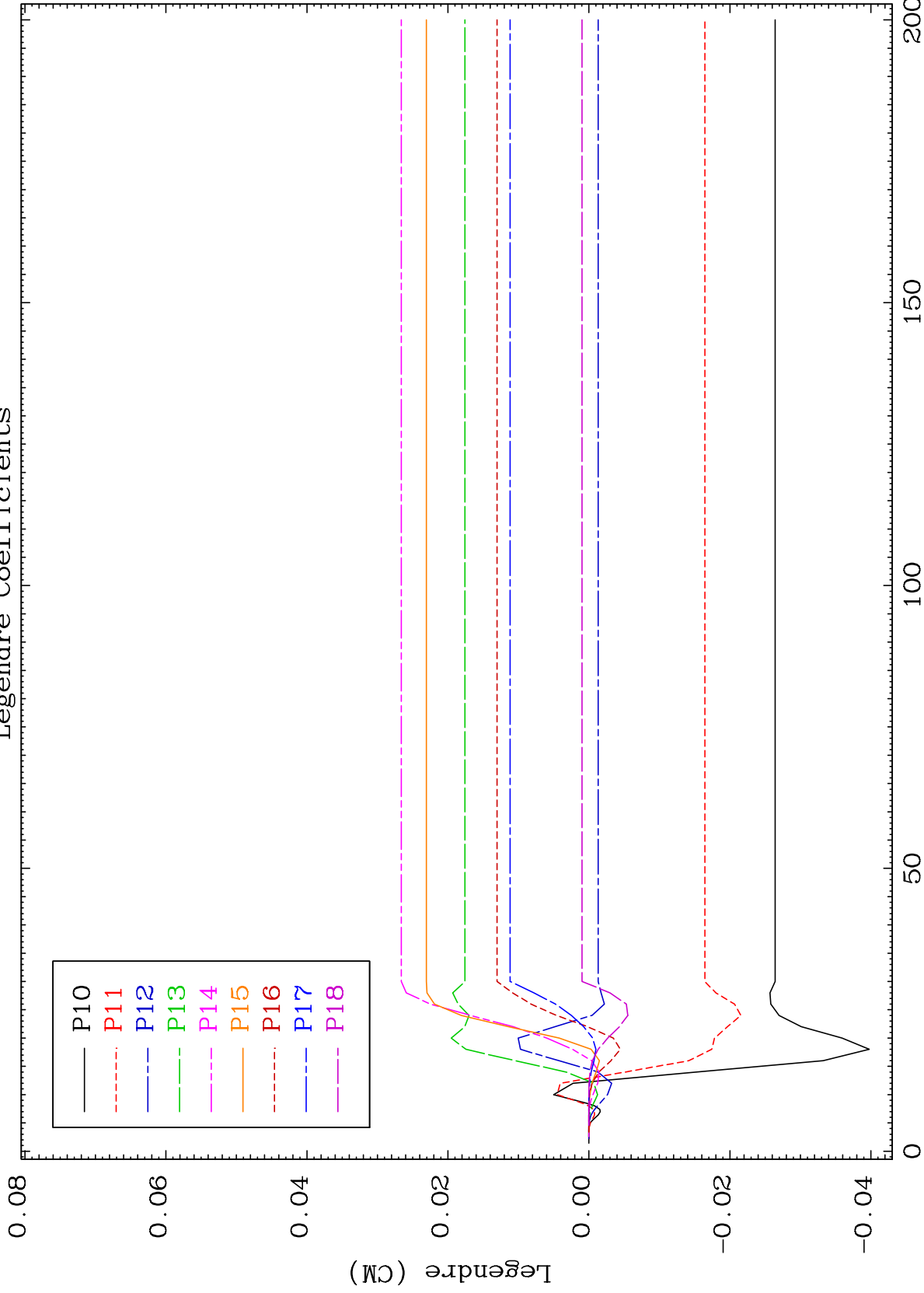
Incident Energy (MeV)

103

MAT 7134

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

71-Lu-178



104

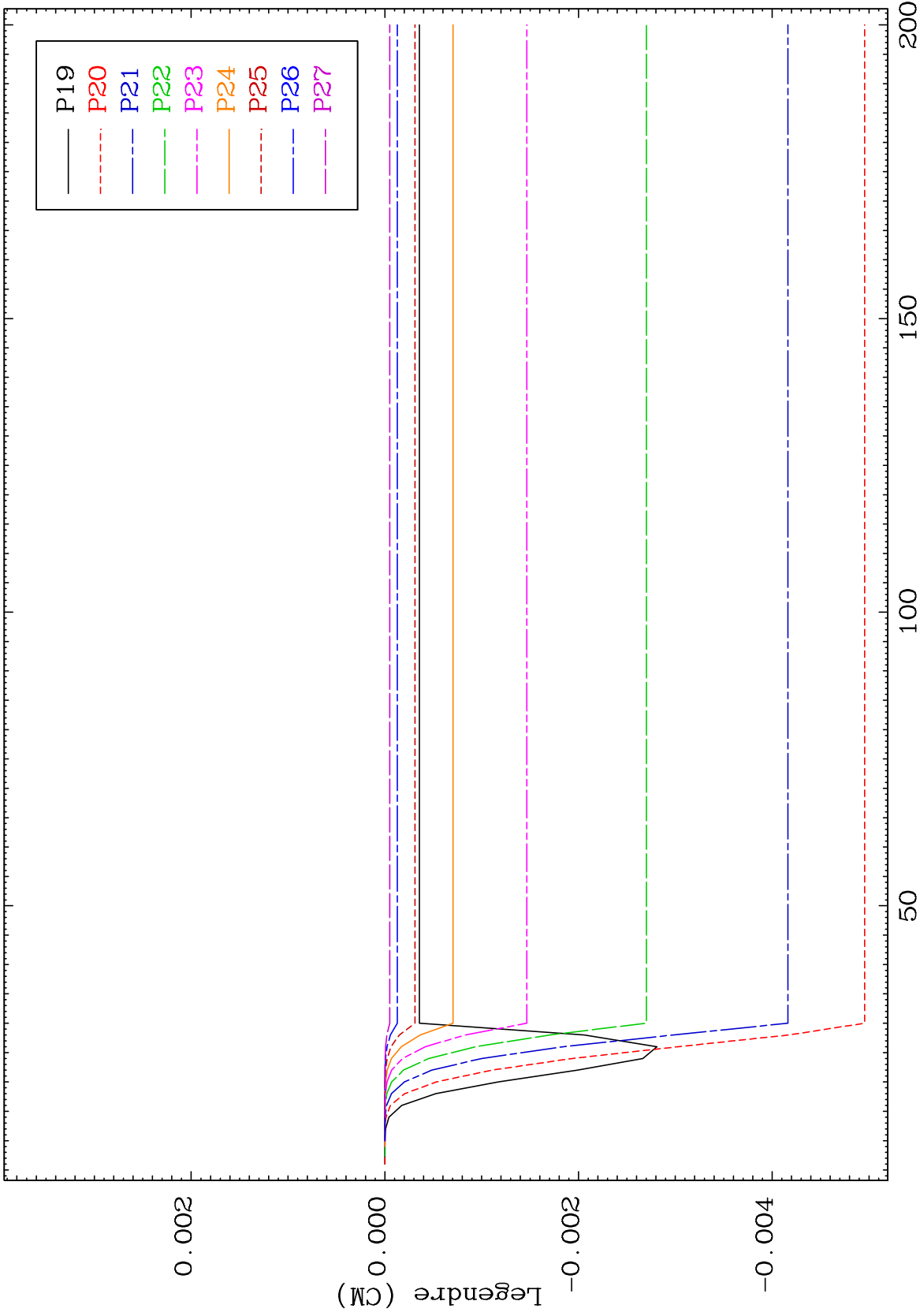
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



105

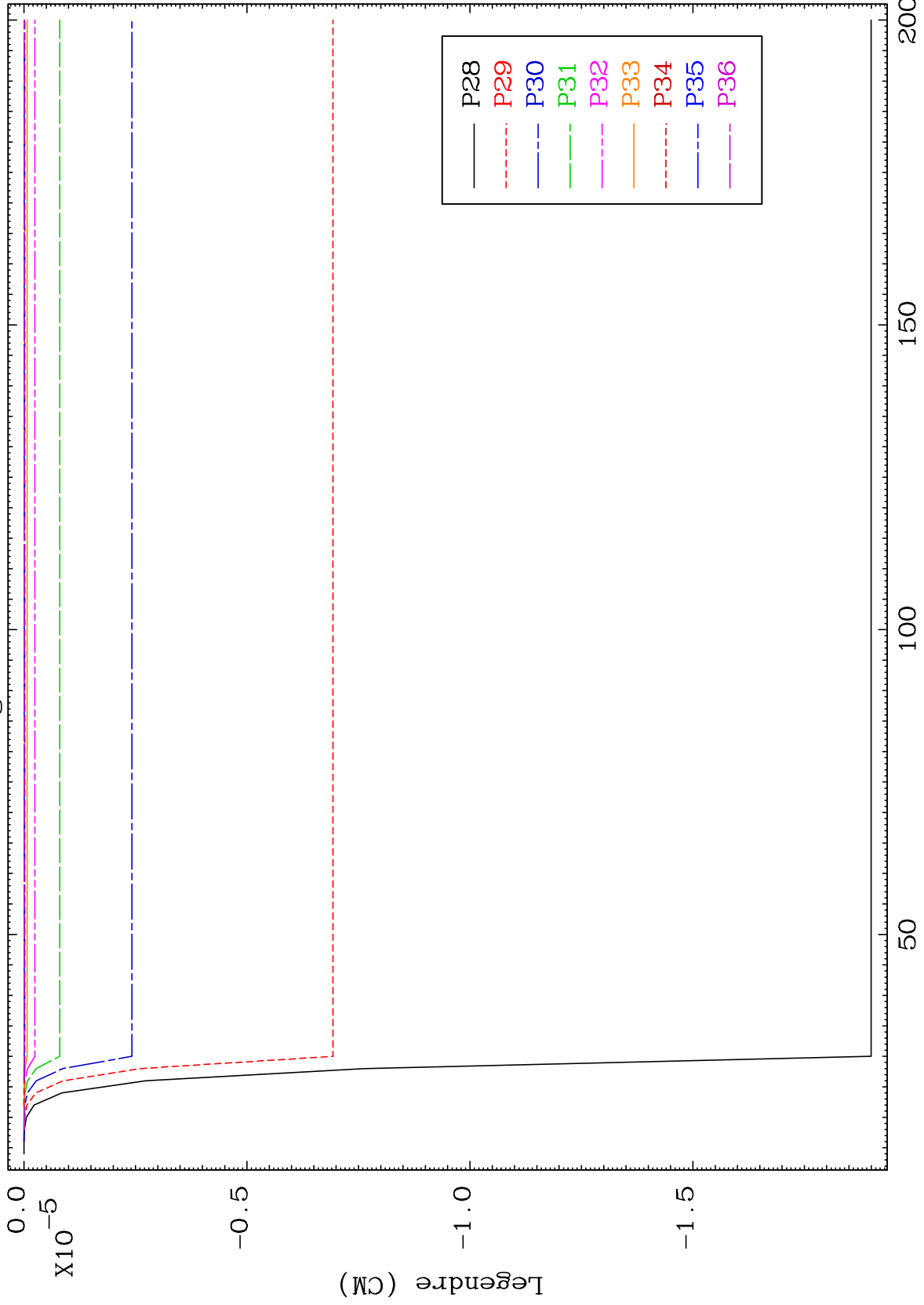
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



71-Lu-178

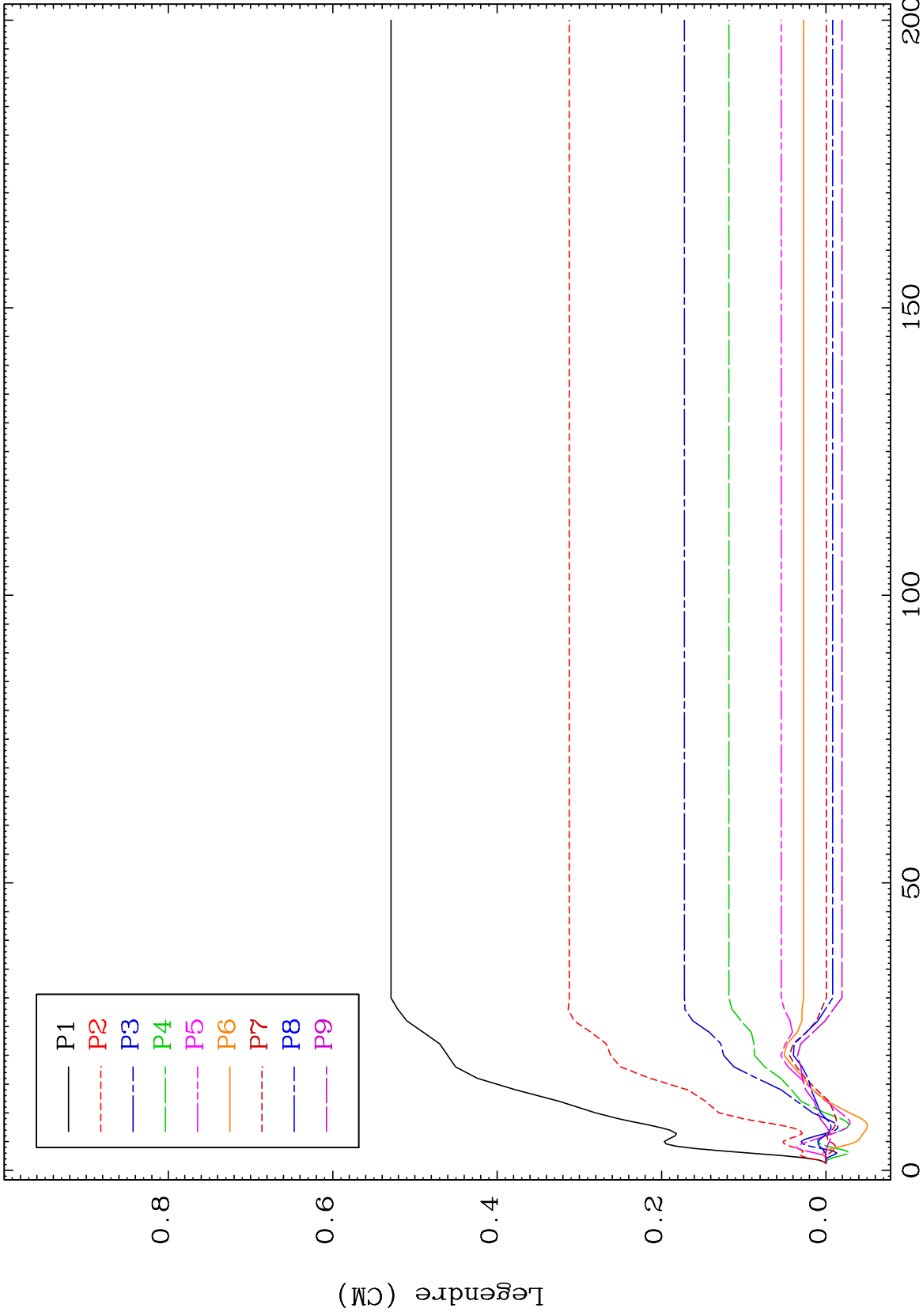
Incident Energy (MeV)

106

MAT 7134

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

71-Lu-178



107

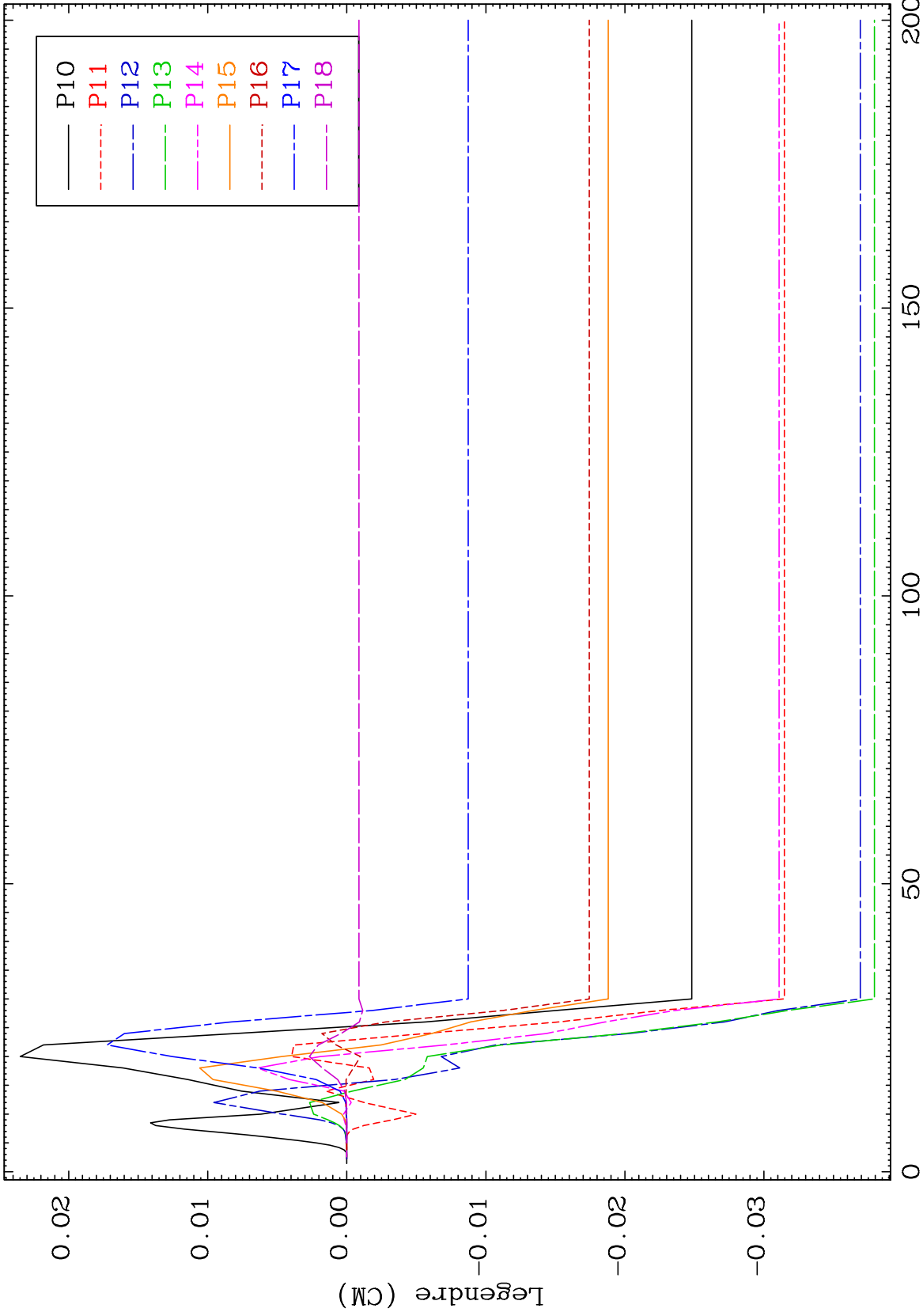
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



108

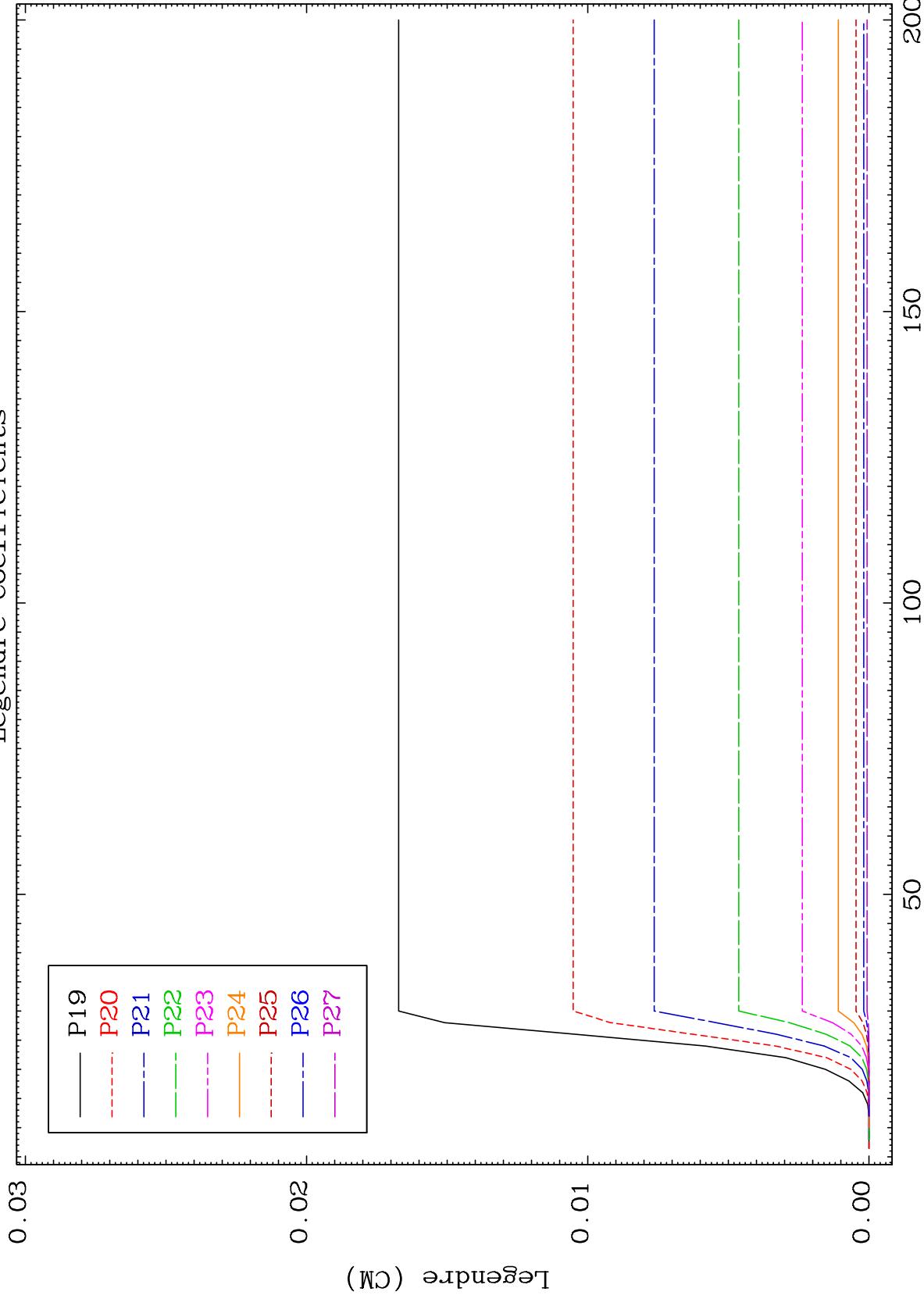
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



109

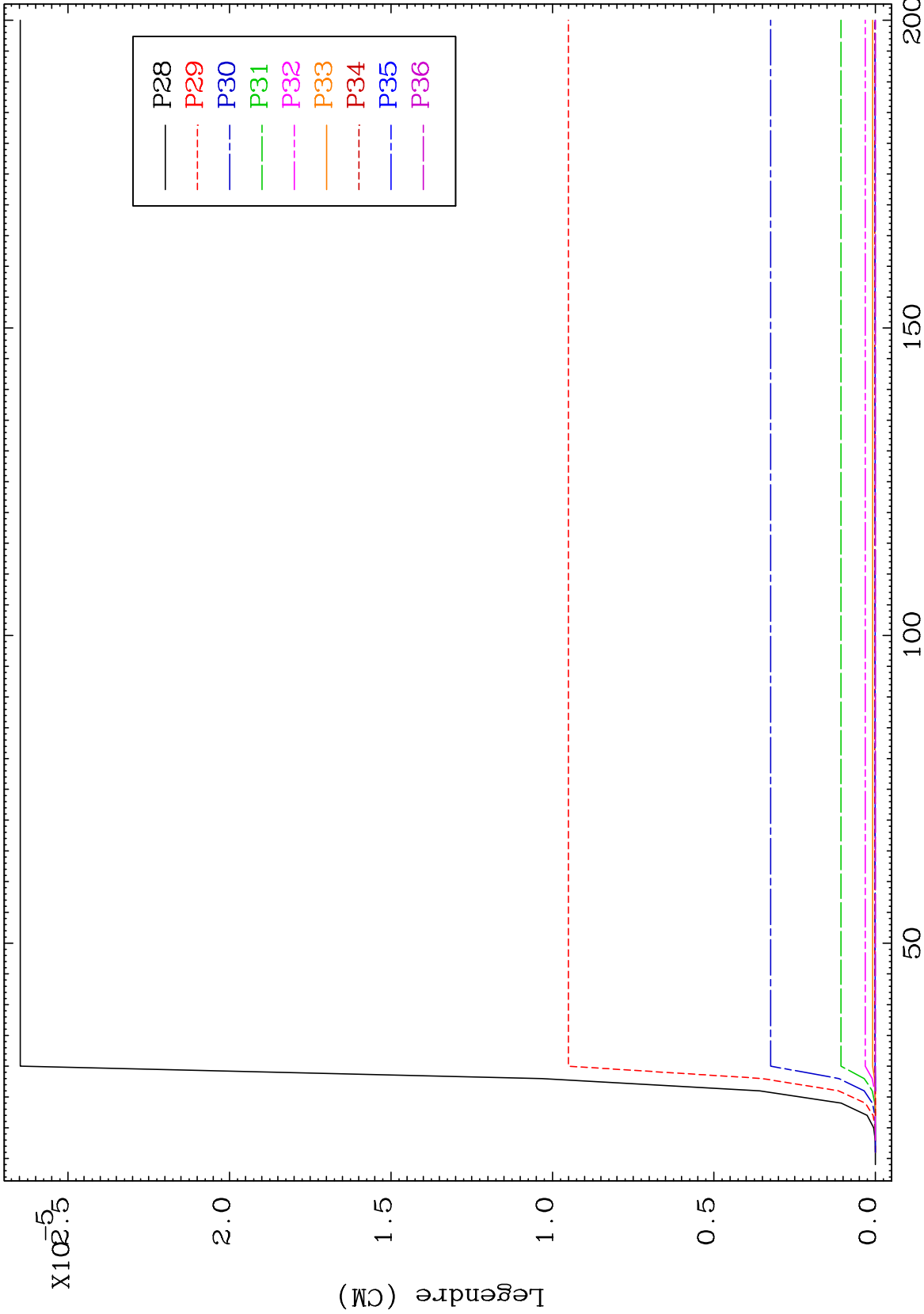
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



110

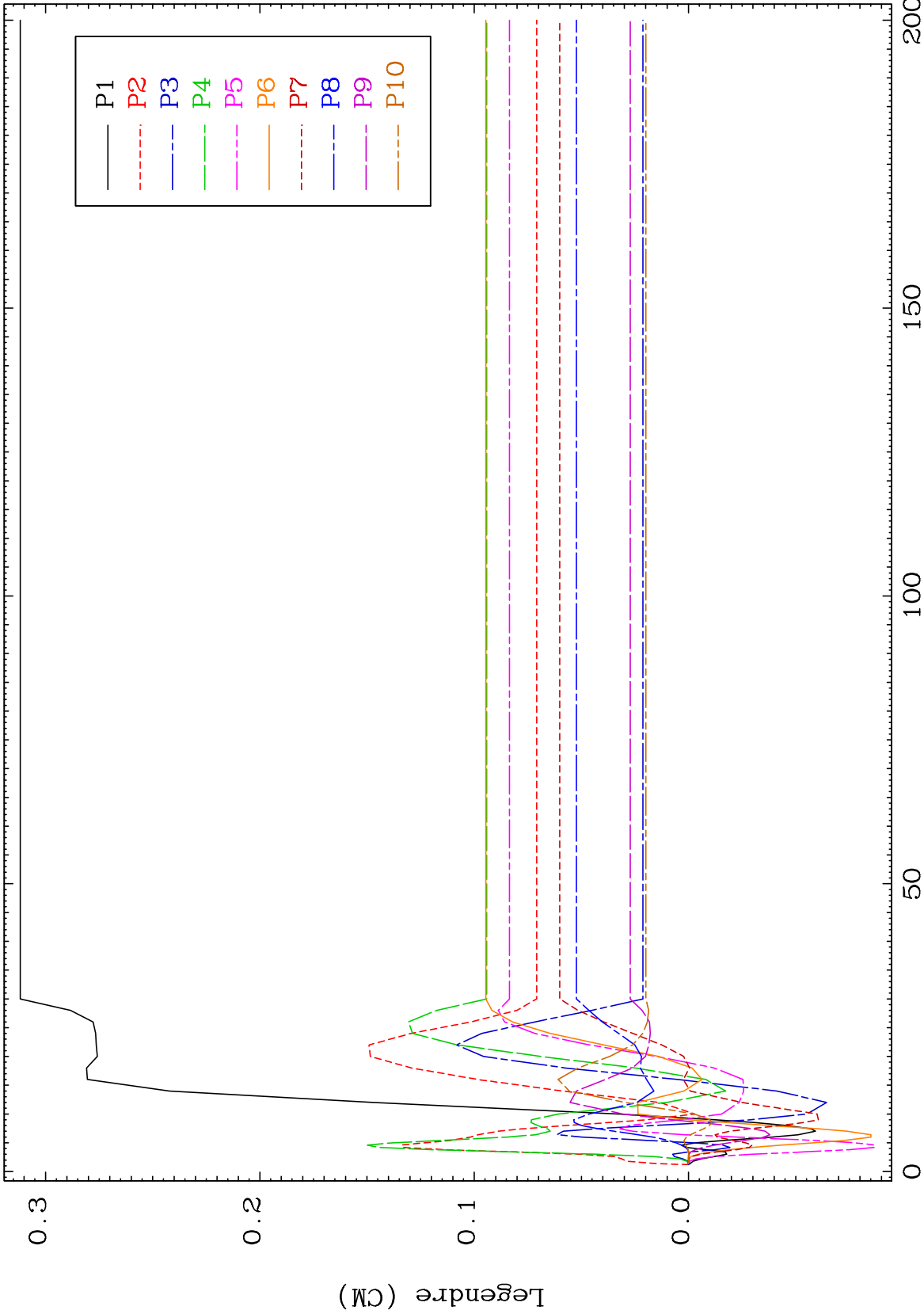
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



111

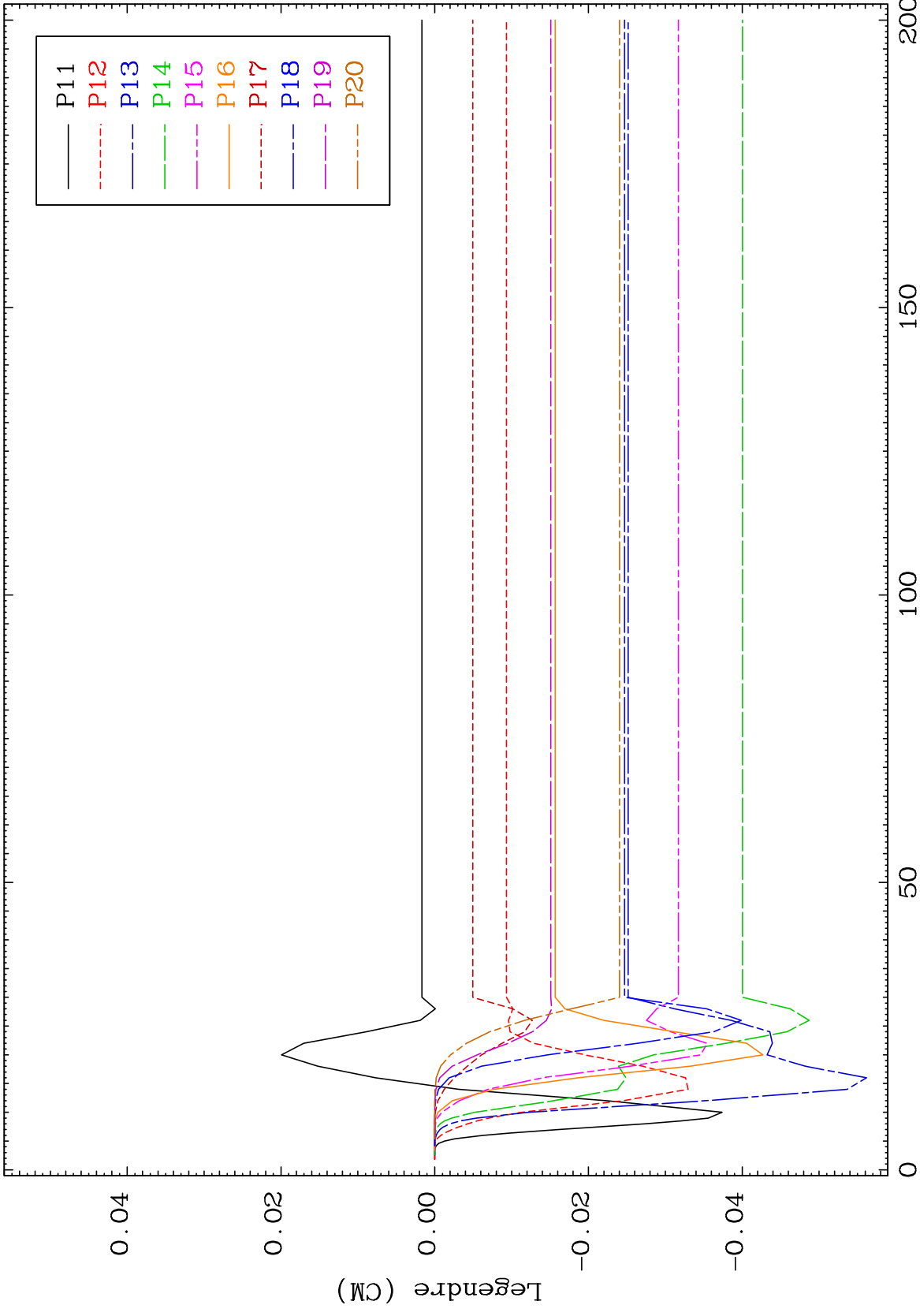
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178

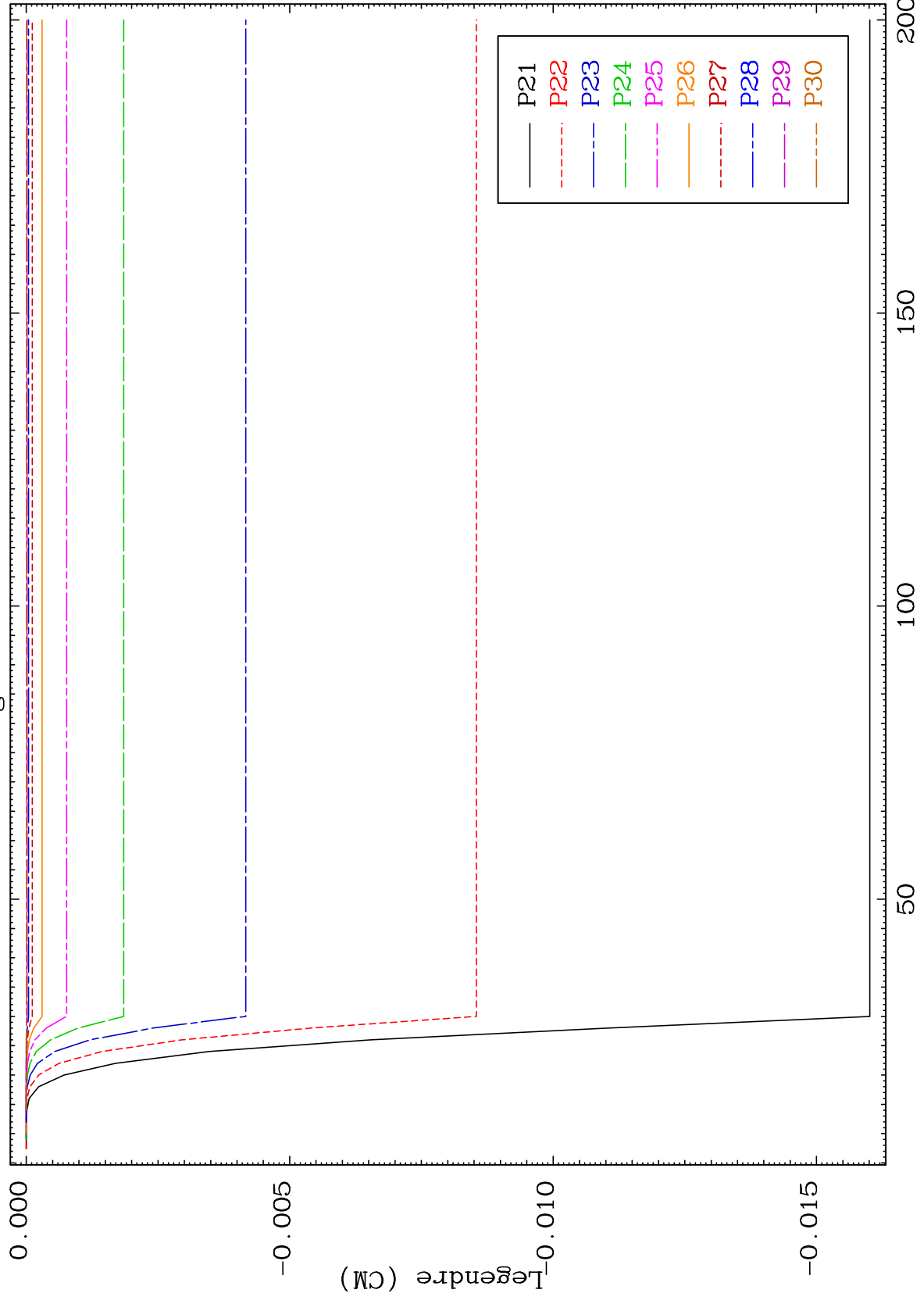


112

Incident Energy (MeV)

71-Lu-178

MAT 7134 MT= 77 (n,n') Level Legendre Coefficients 71-Lu-178

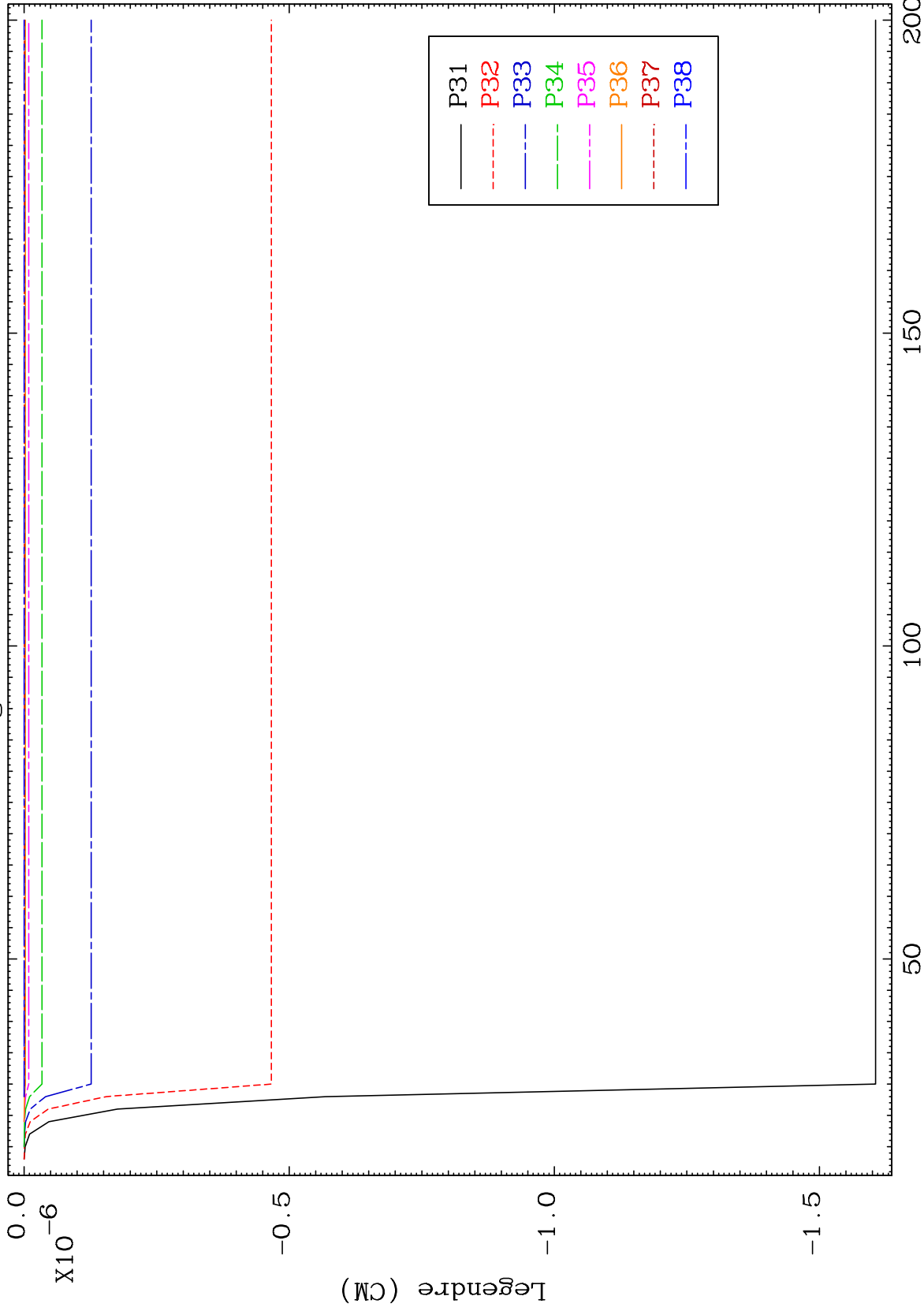


113 71-Lu-178

MAT 7134

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

71-Lu-178



71-Lu-178

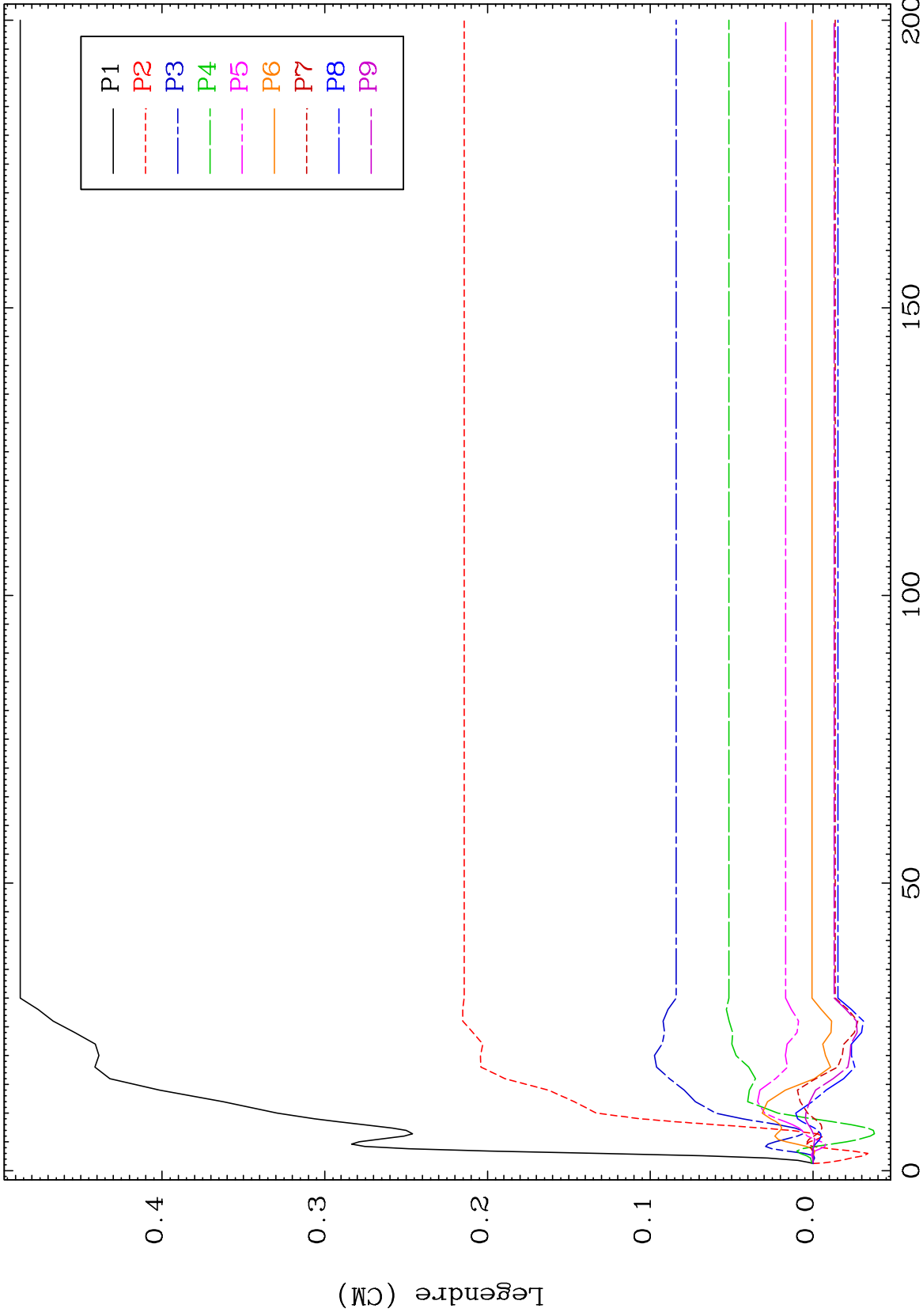
Incident Energy (MeV)

114

MAT 7134

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

71-Lu-178



115

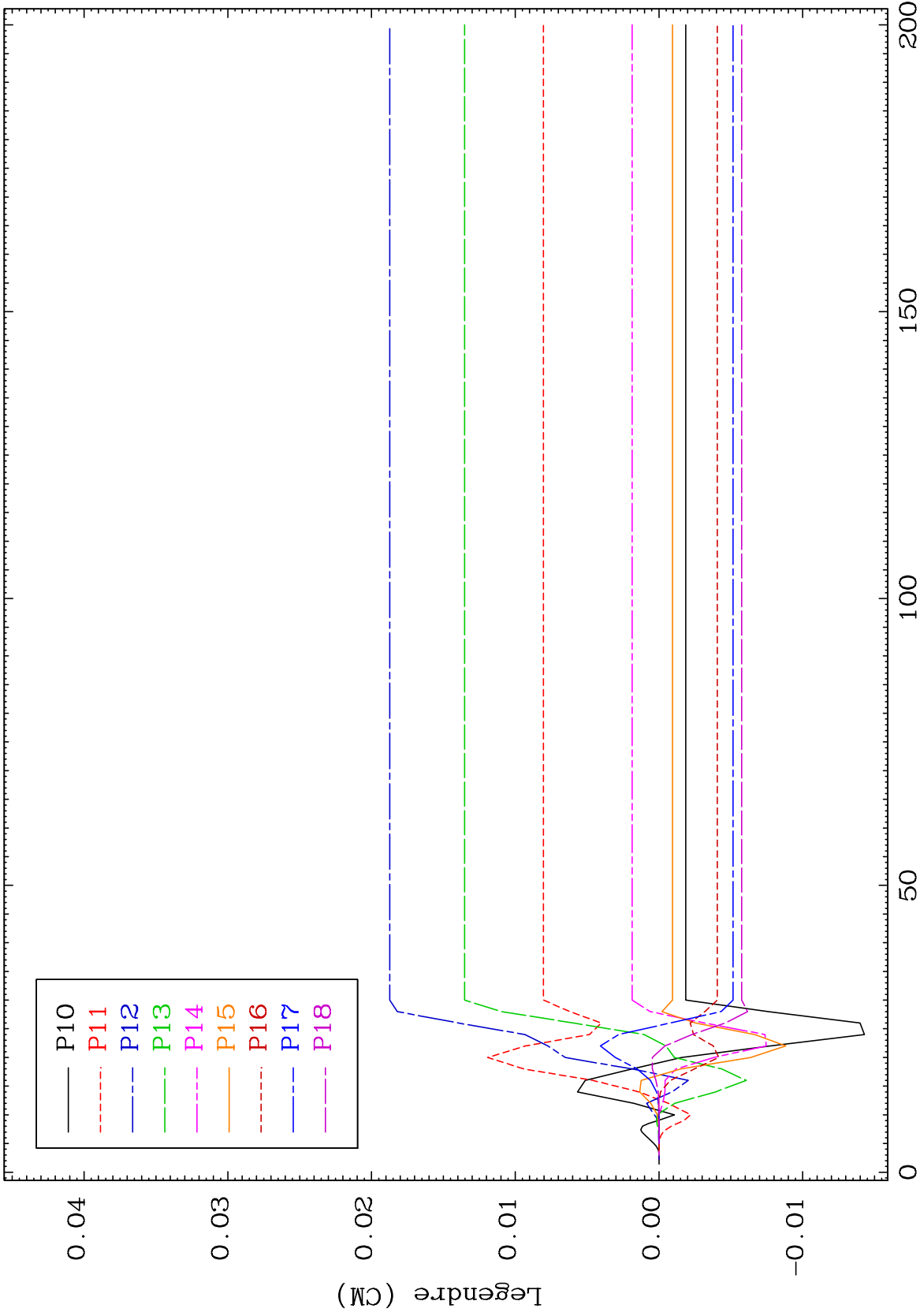
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



116

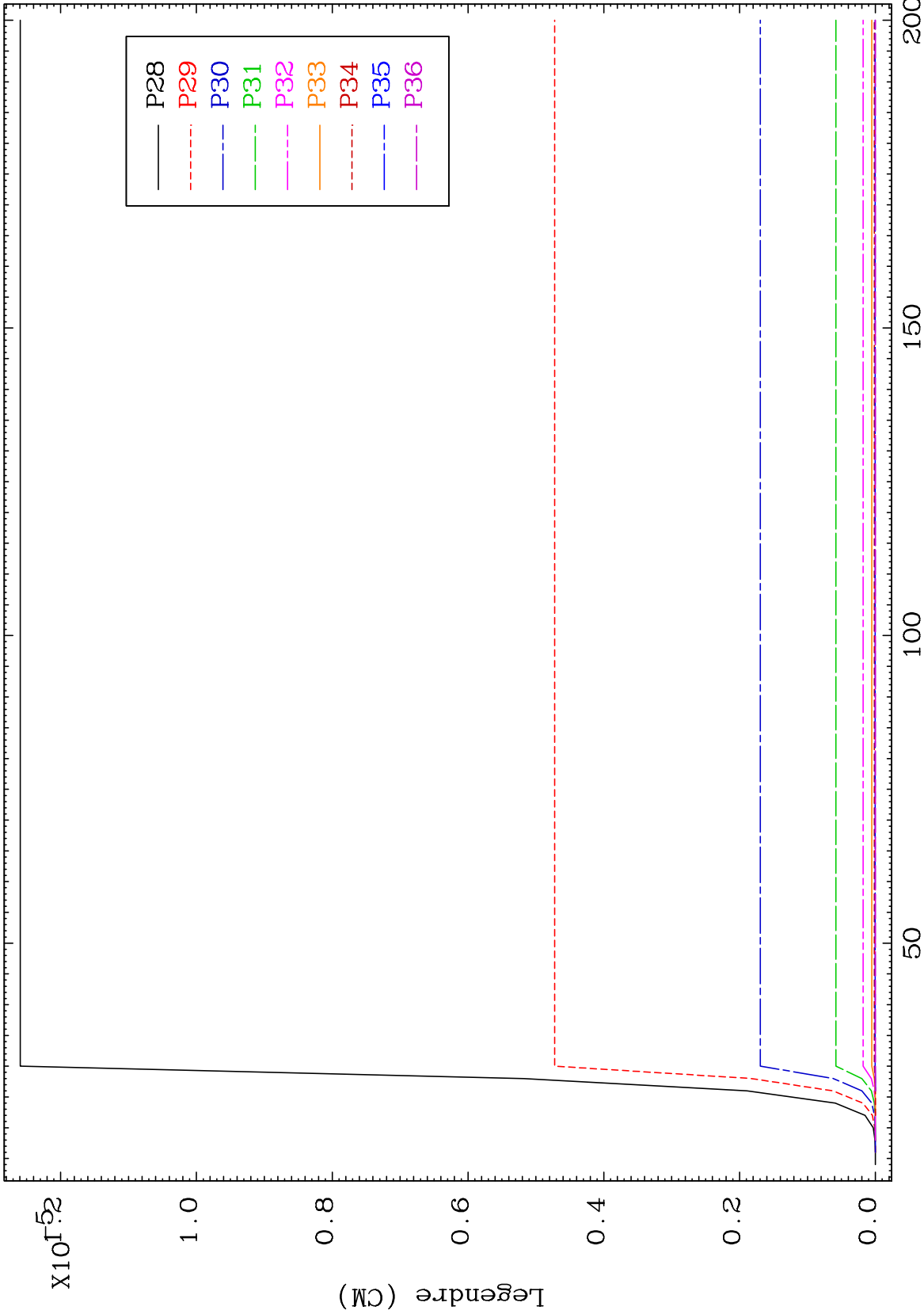
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

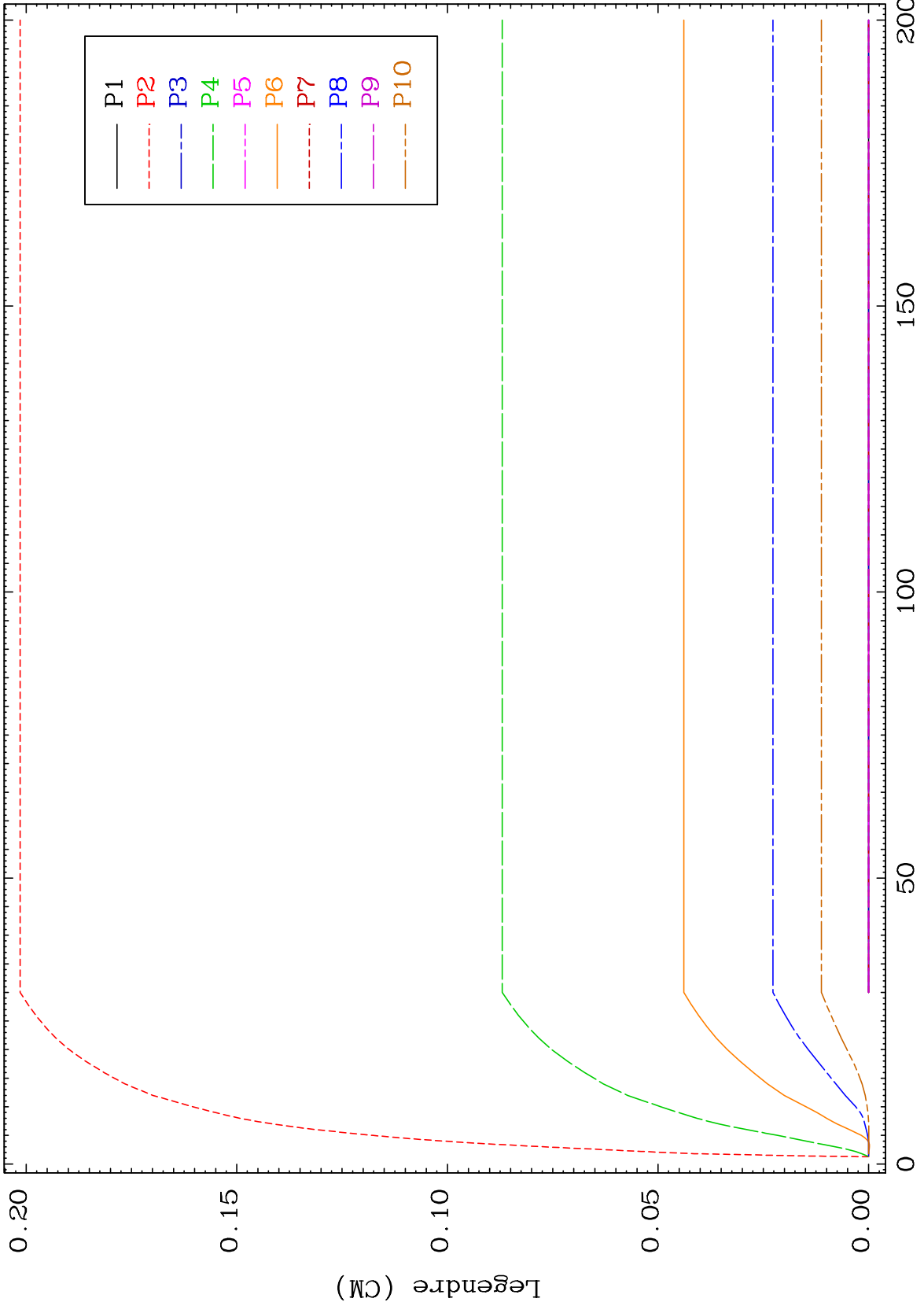
71-Lu-178



118

71-Lu-178

MAT 7134 MT= 79 (n,n') Level Legendre Coefficients 71-Lu-178

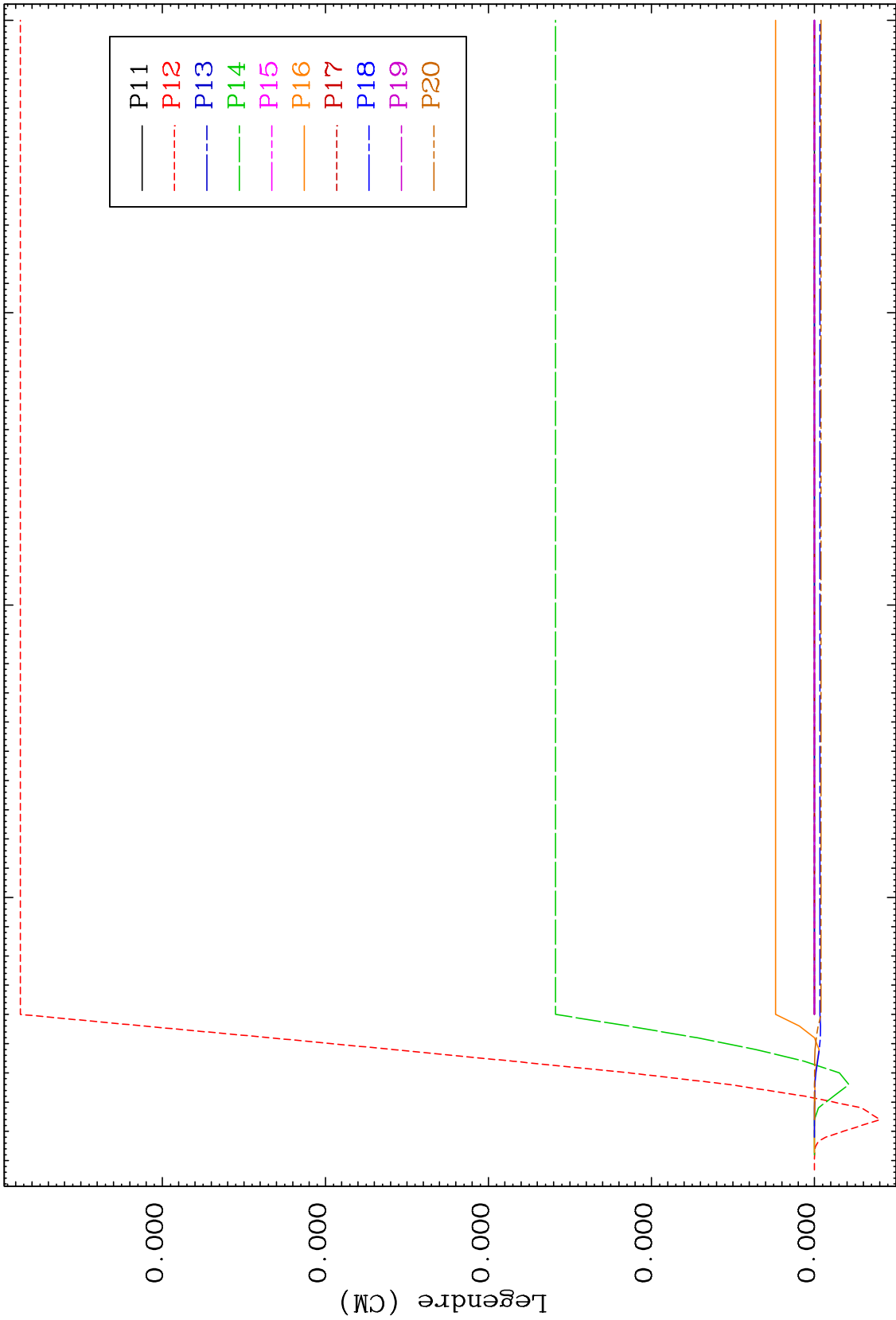


119 71-Lu-178

MAT 7134

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

71-Lu-178



120

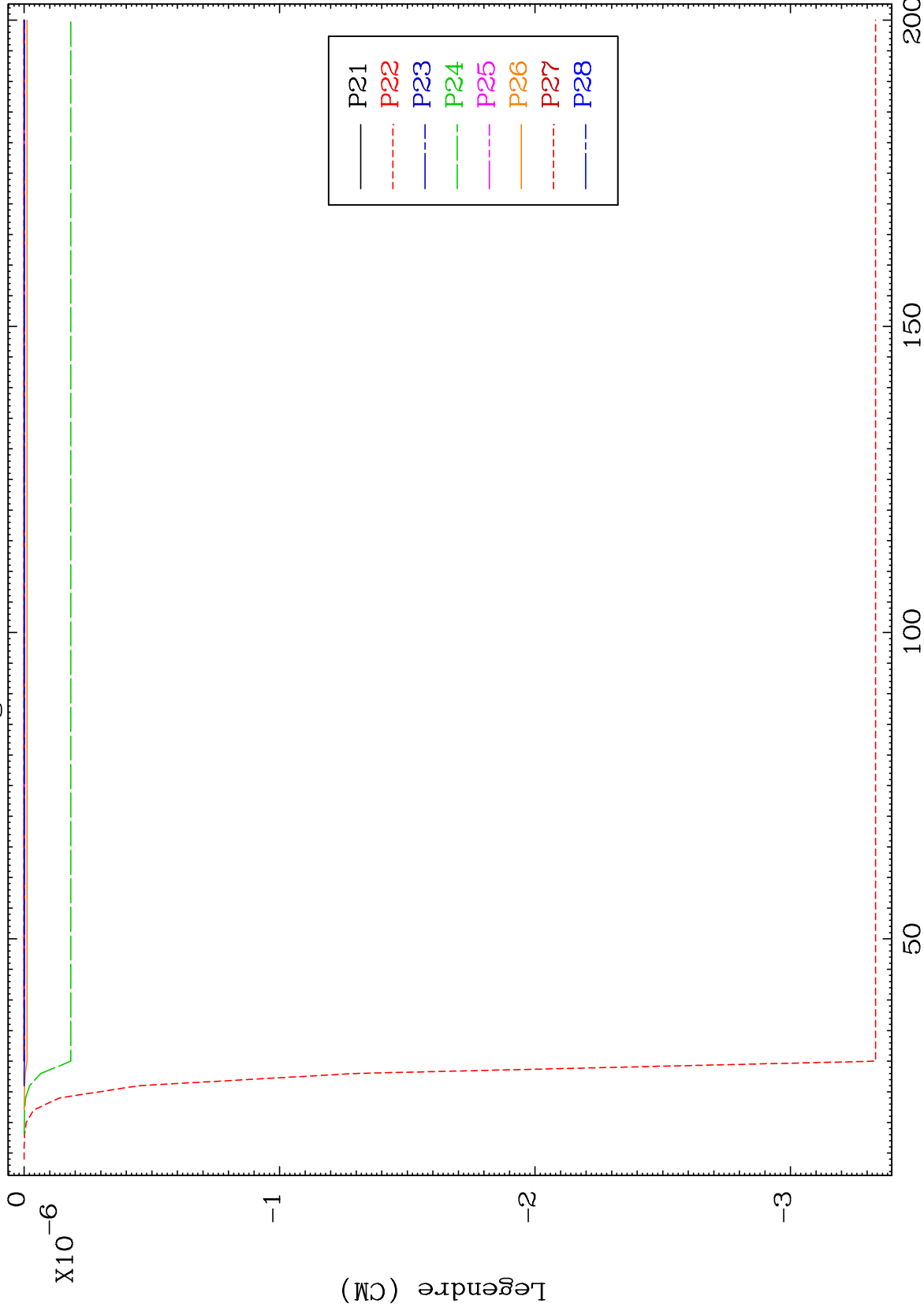
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178

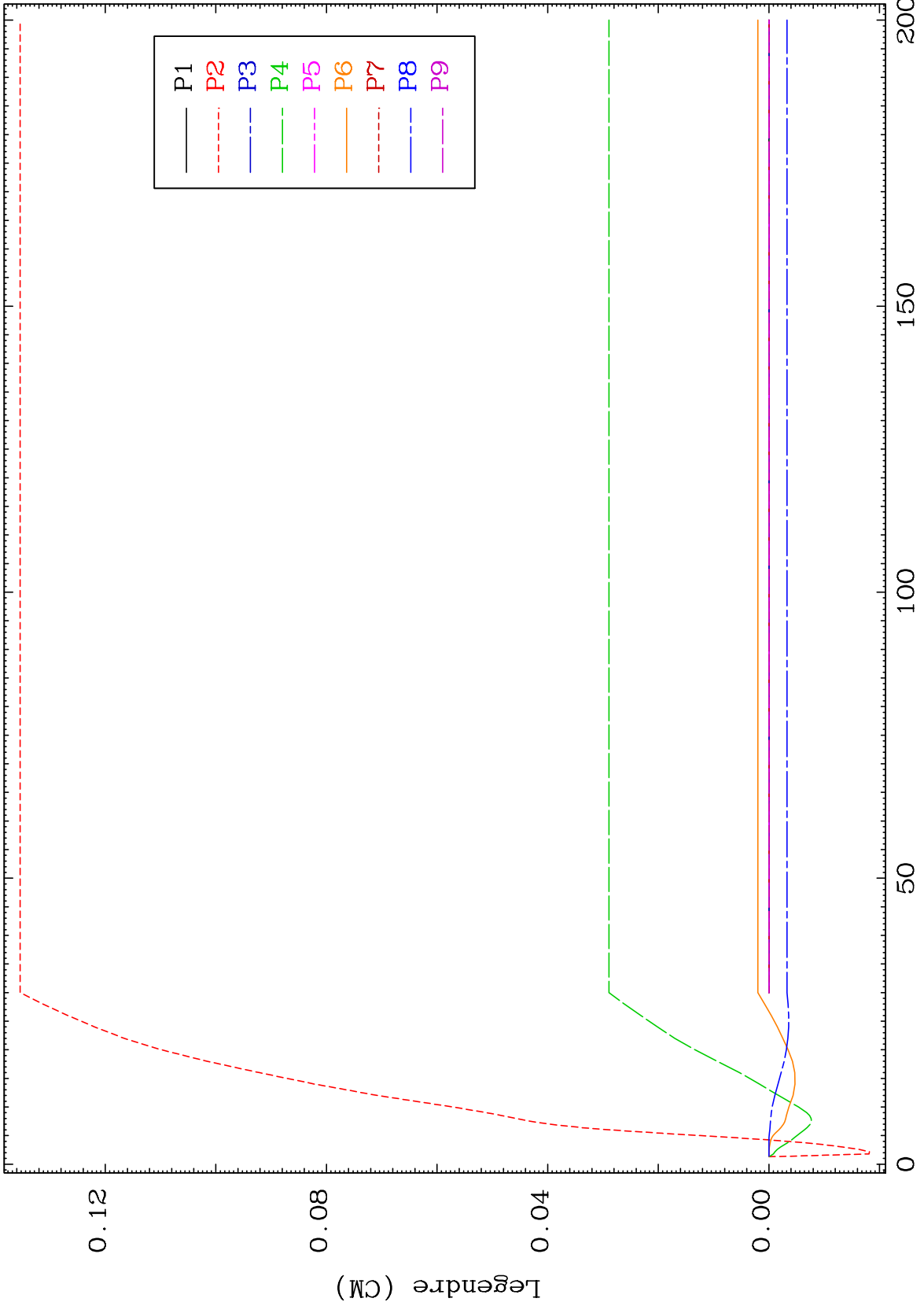


121

Incident Energy (MeV)

71-Lu-178

MAT 7134 MT= 80 (n,n') Level Legendre Coefficients 71-Lu-178

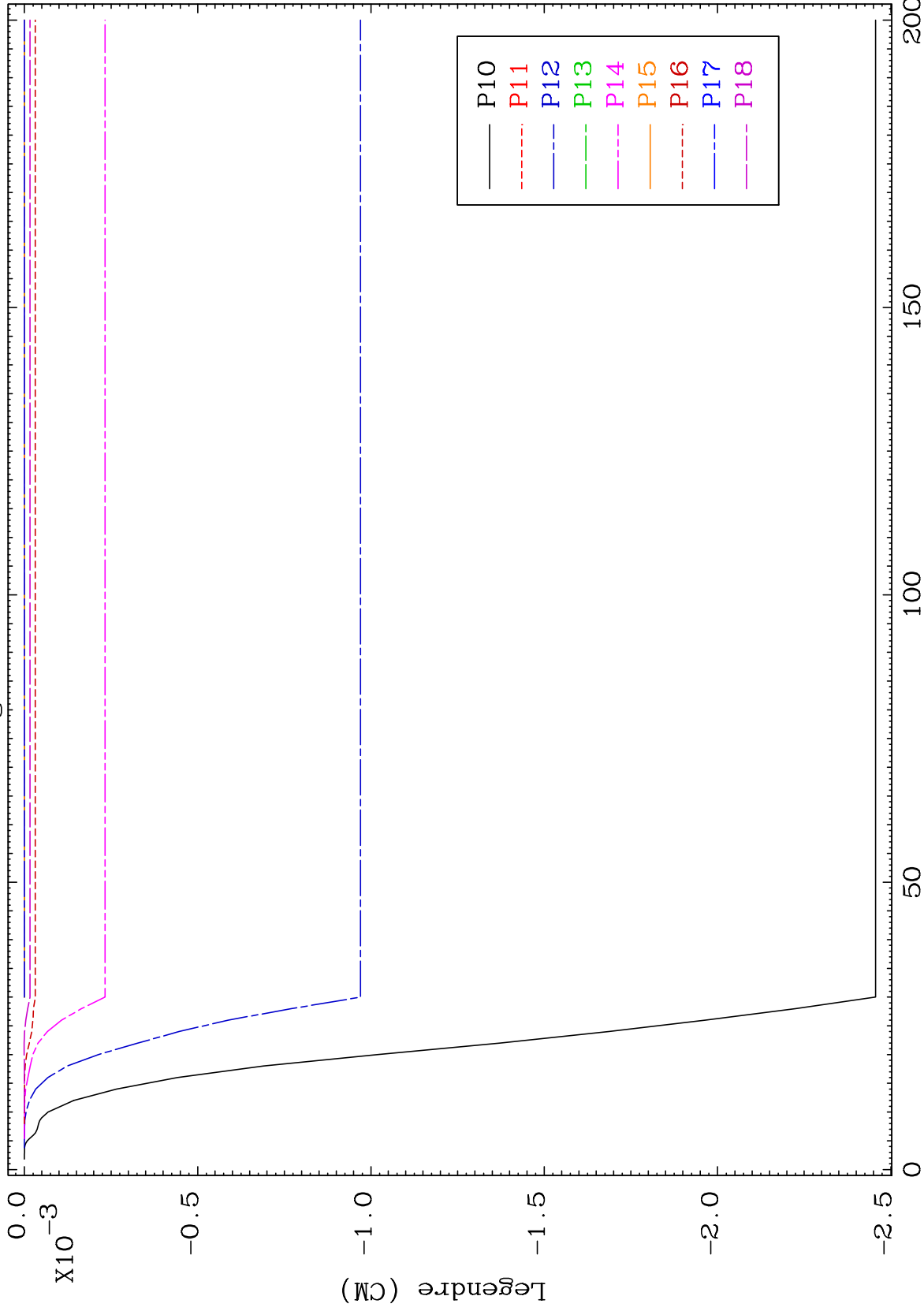


122 71-Lu-178

MAT 7134

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

71-Lu-178

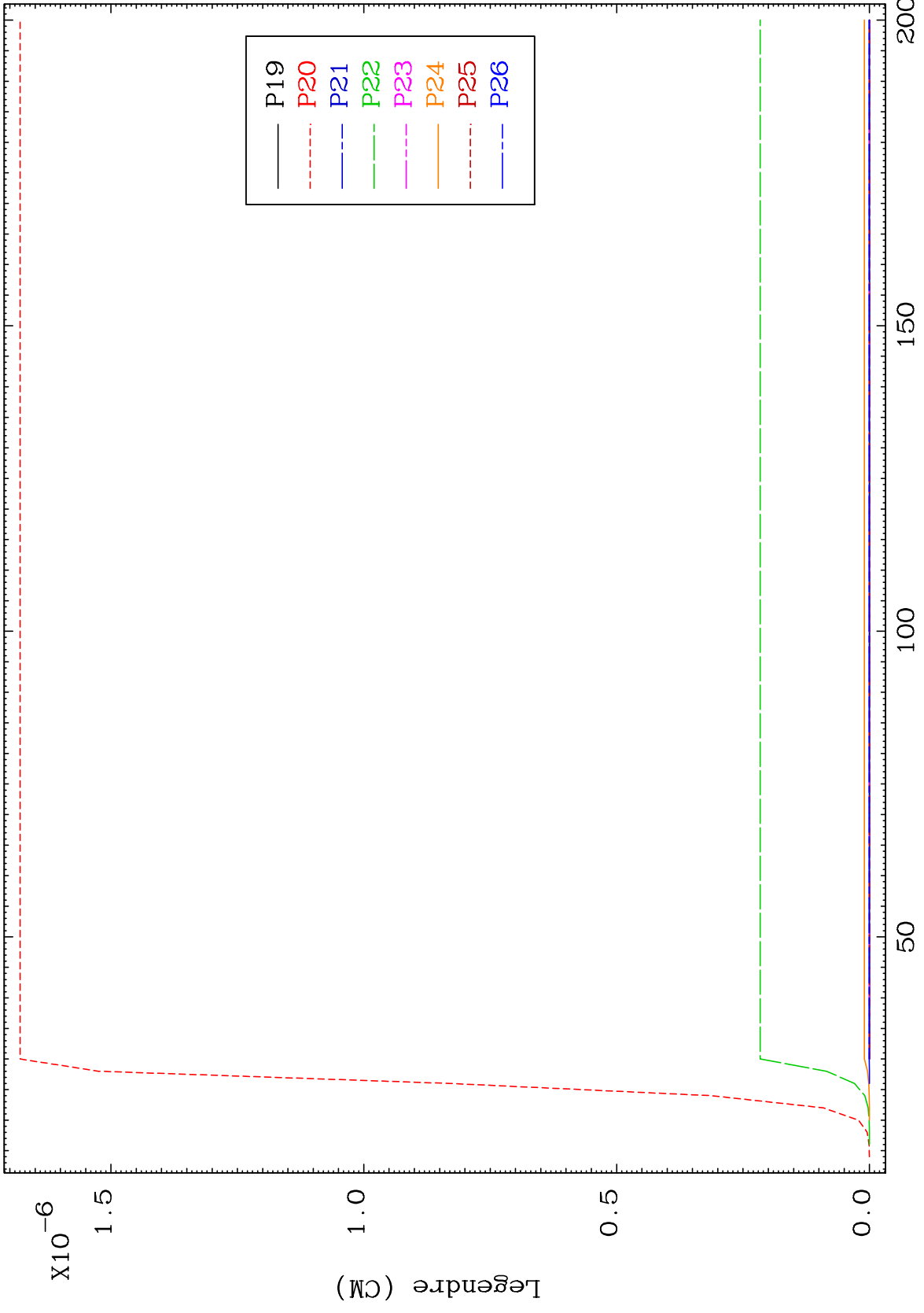


123

Incident Energy (MeV)

71-Lu-178

MAT 7134 MT= 80 (n,n') Level Legendre Coefficients 71-Lu-178

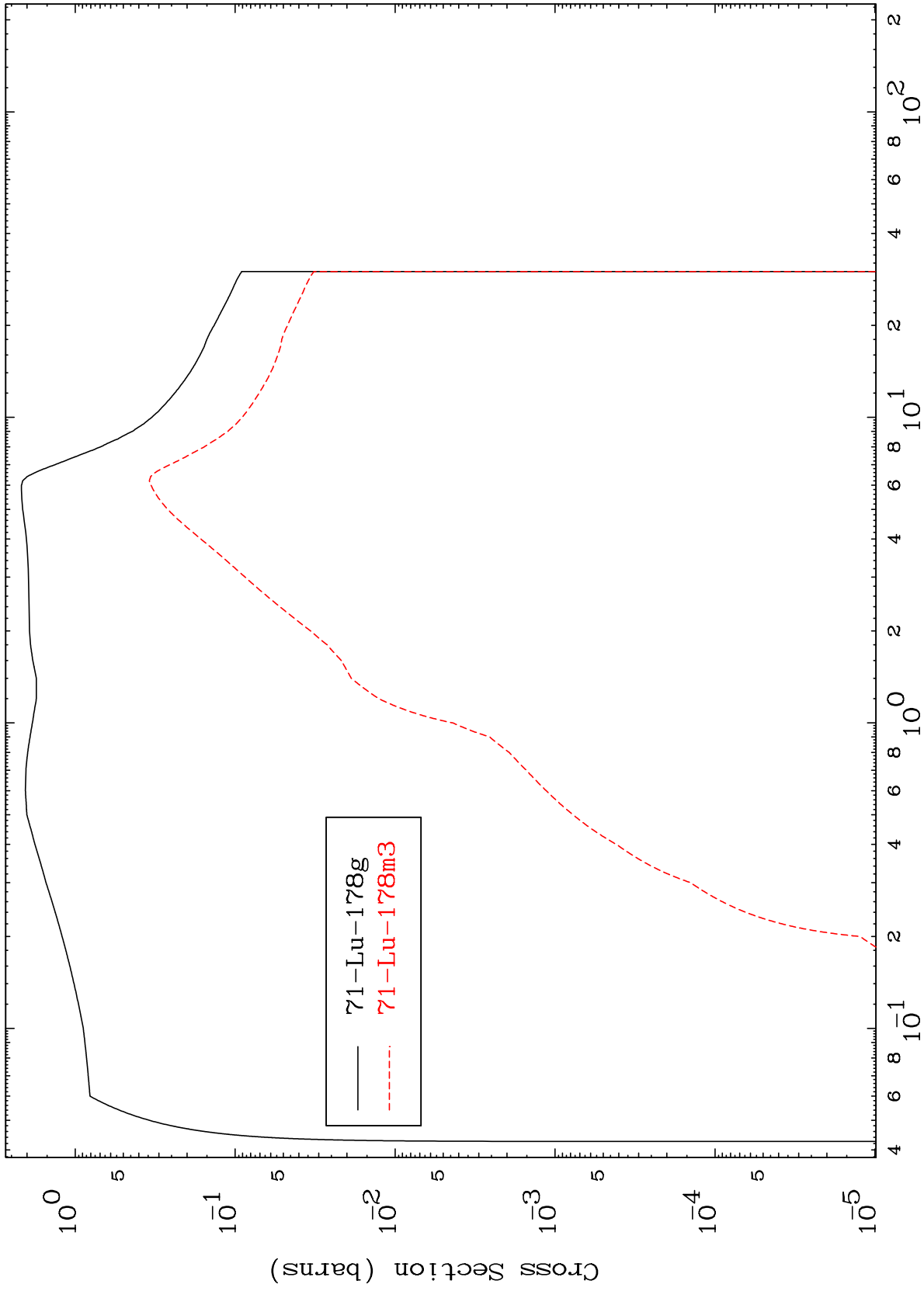


124 50 100 150 200 71-Lu-178

MAT 7134

71-Lu-178

Inelastic
Radionuclide Production Cross Section



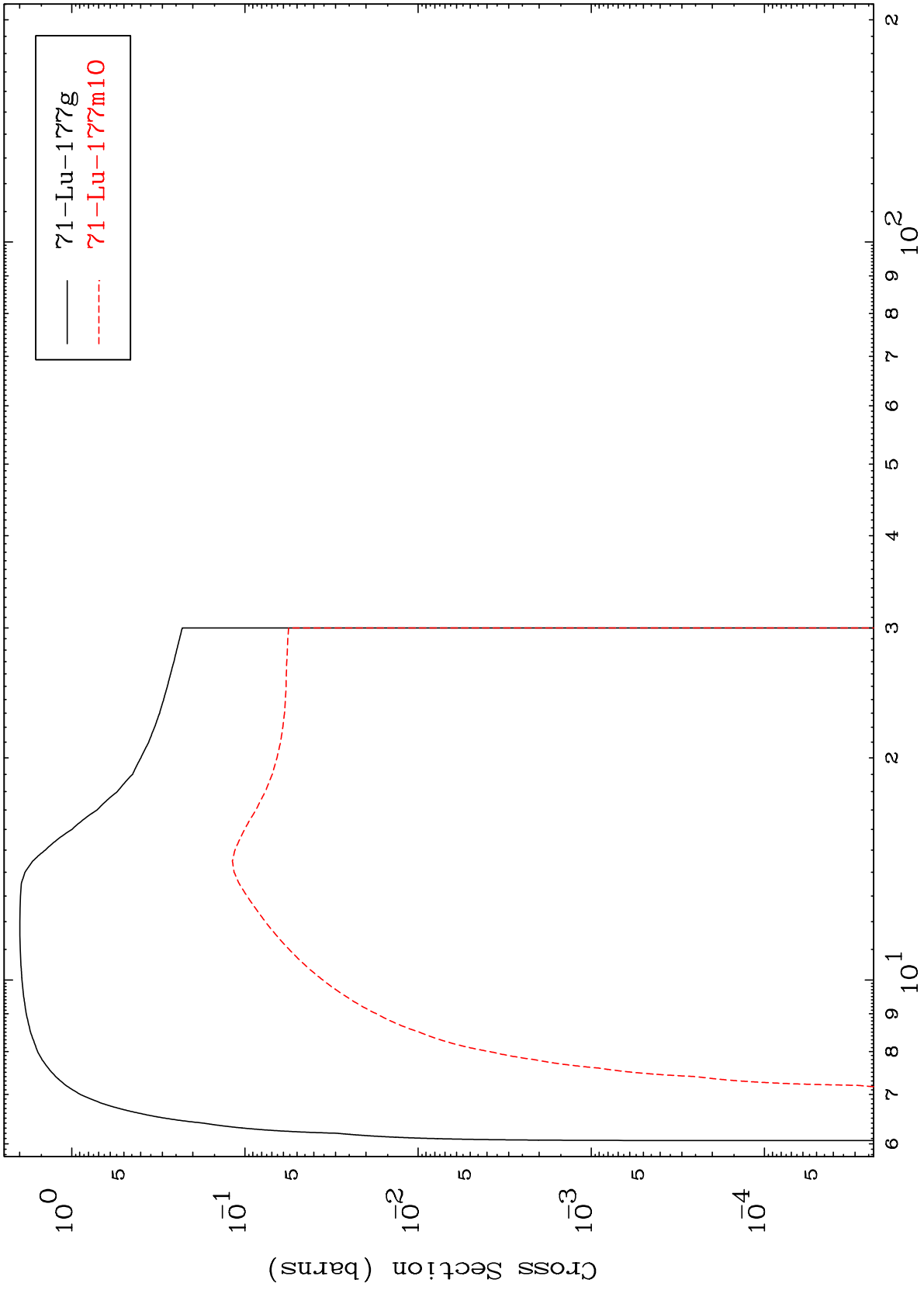
125

71-Lu-178

MAT 7134

71-Lu-178

(n,2n)
Radionuclide Production Cross Section



126

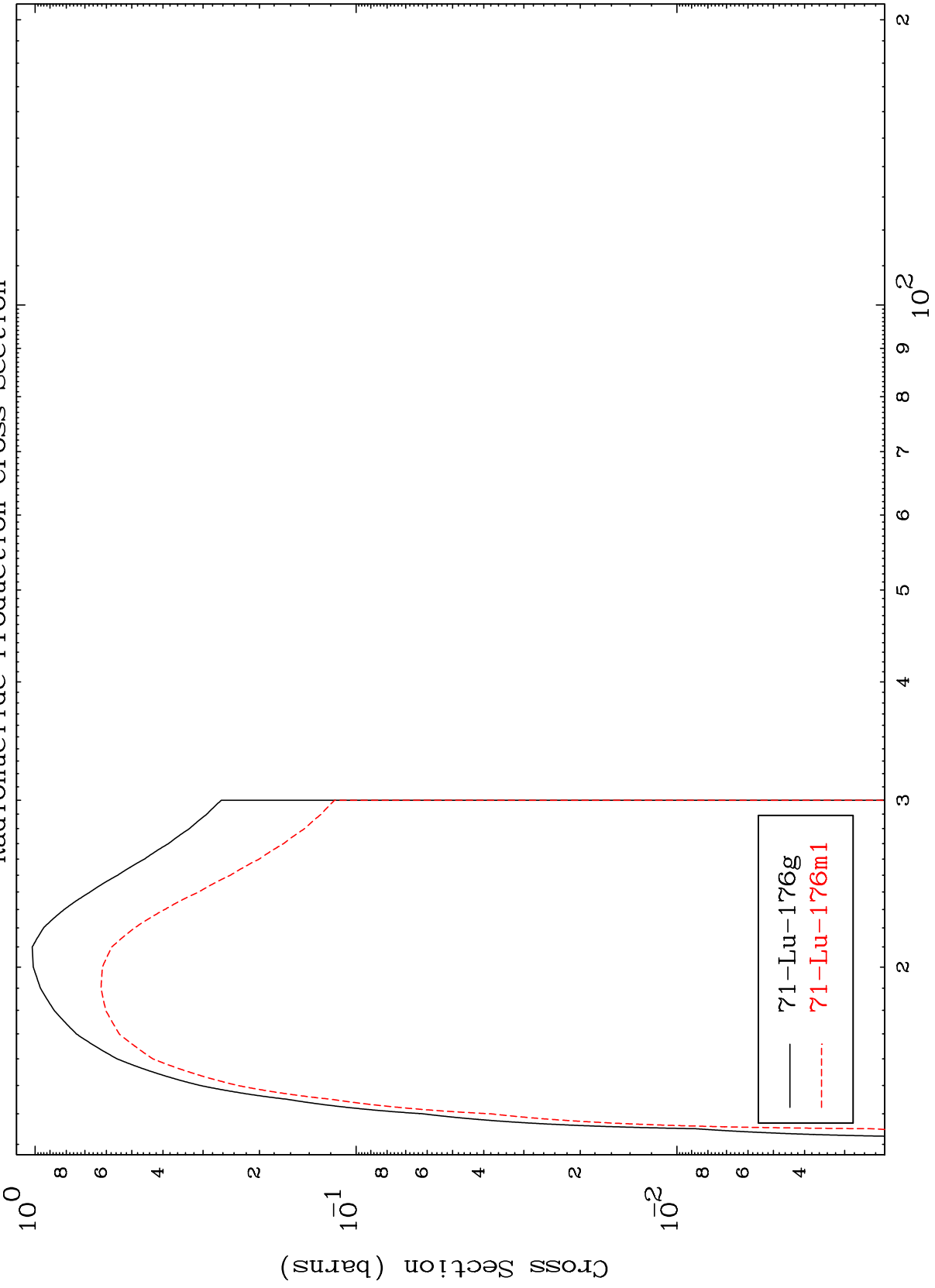
Incident Energy (MeV)

71-Lu-178

MAT 7134

71-Lu-178

(n,3n)
Radionuclide Production Cross Section



127

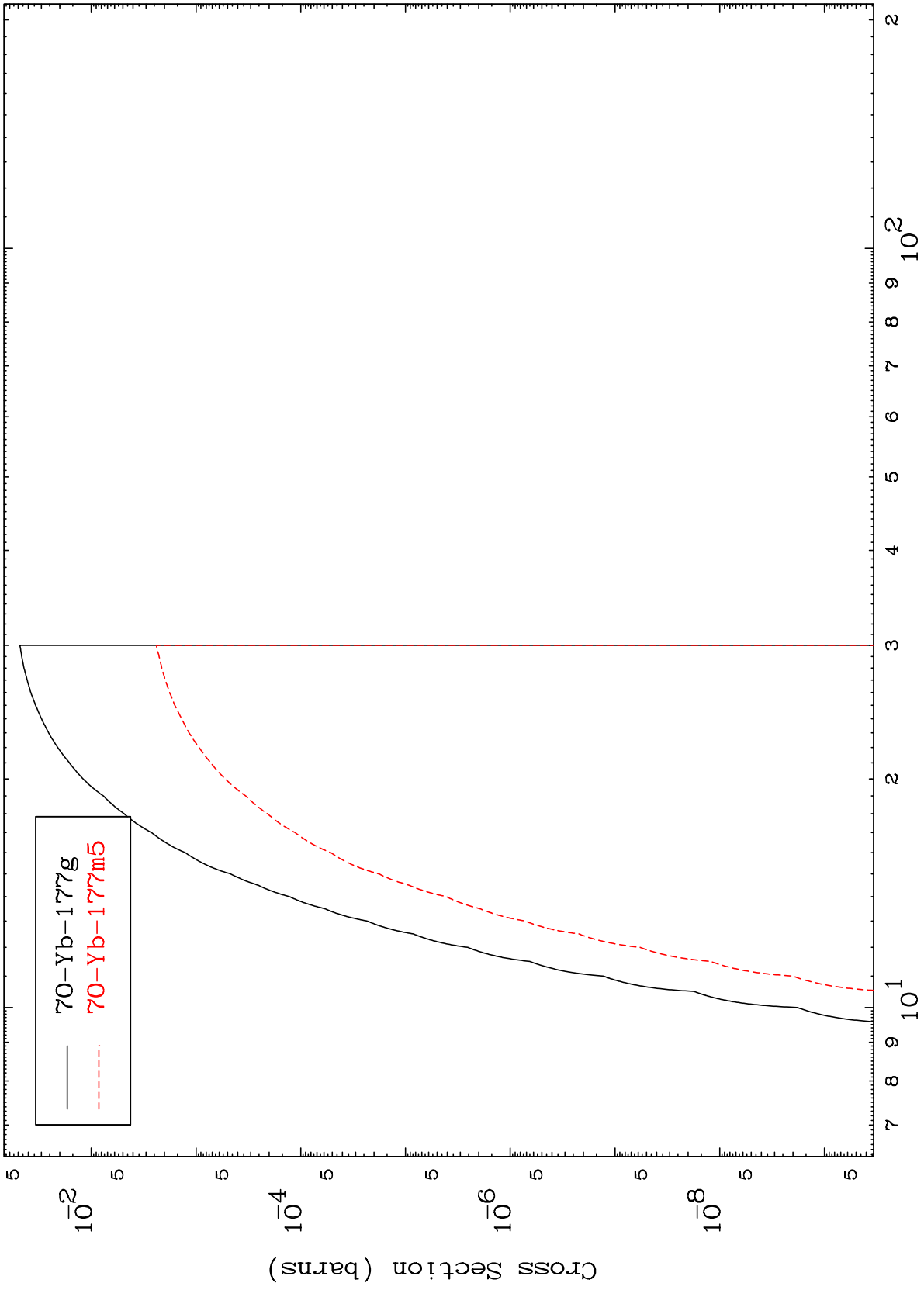
71-Lu-178

MAT 7134

(n,n') p

71-Lu-178

Radionuclide Production Cross Section



128

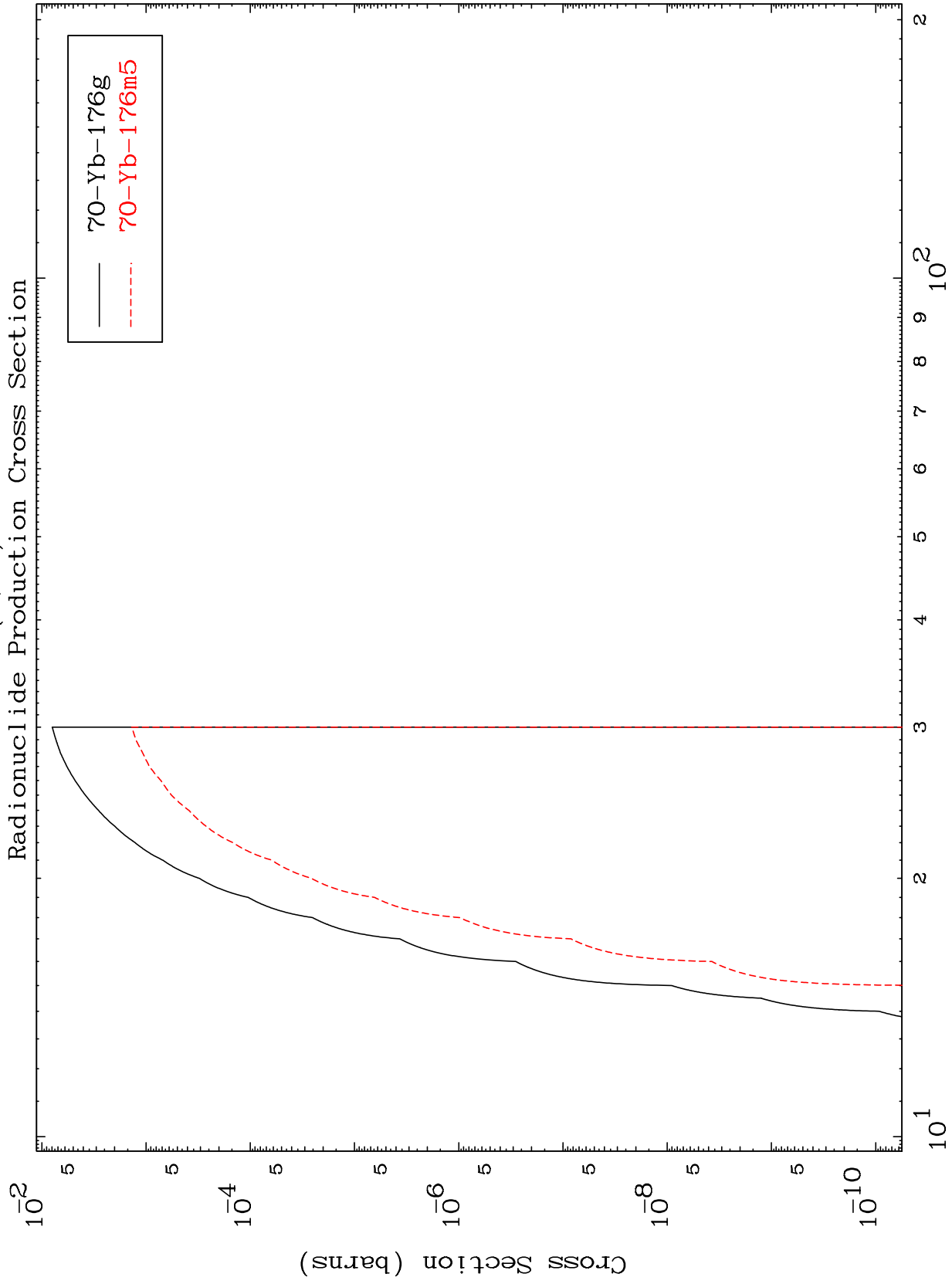
Incident Energy (MeV)

71-Lu-178

MAT 7134

(n, n') d

71-Lu-178



129

Incident Energy (MeV)

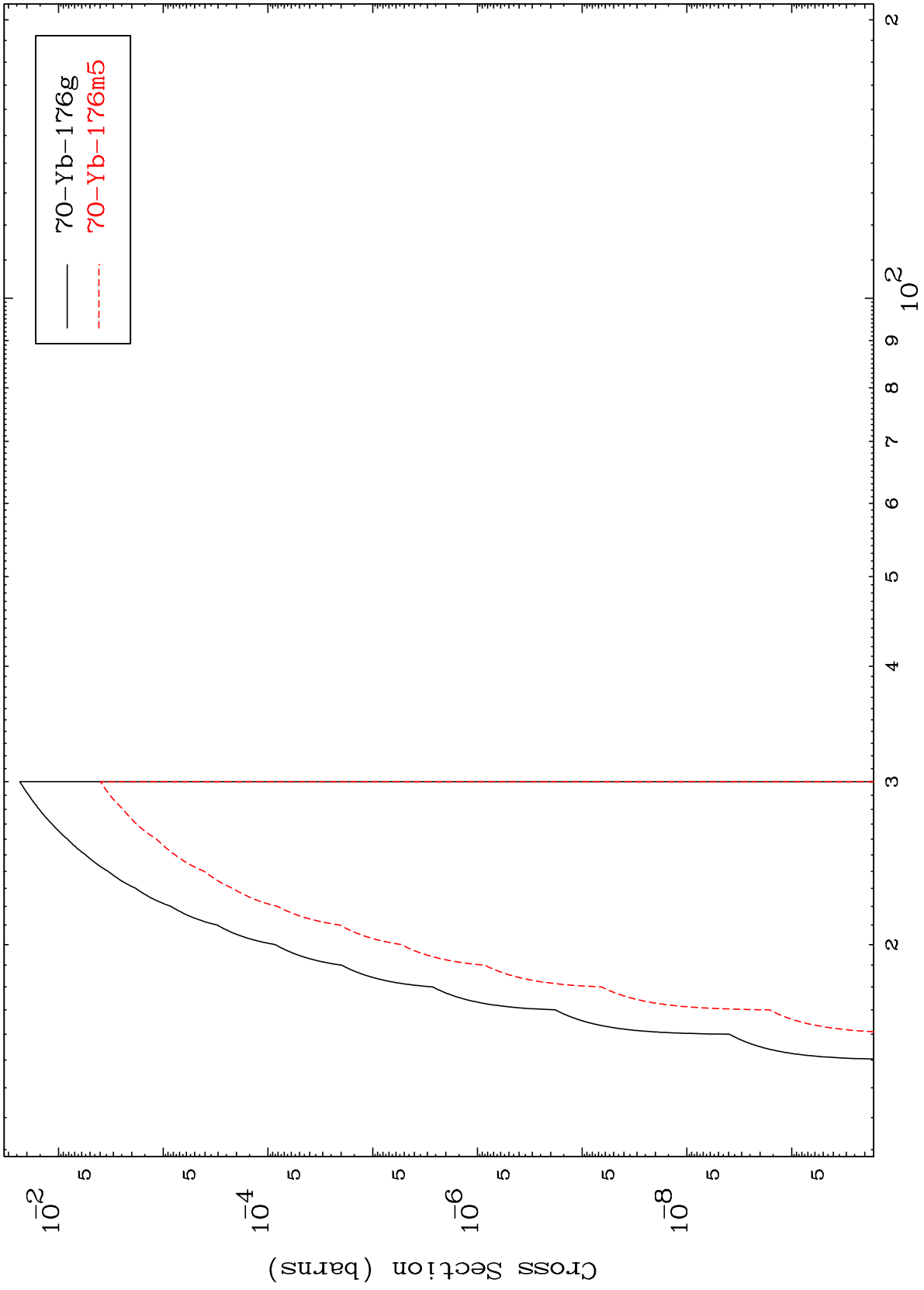
71-Lu-178

MAT 7134

(n,2n) p

71-Lu-178

Radionuclide Production Cross Section



130

Incident Energy (MeV)

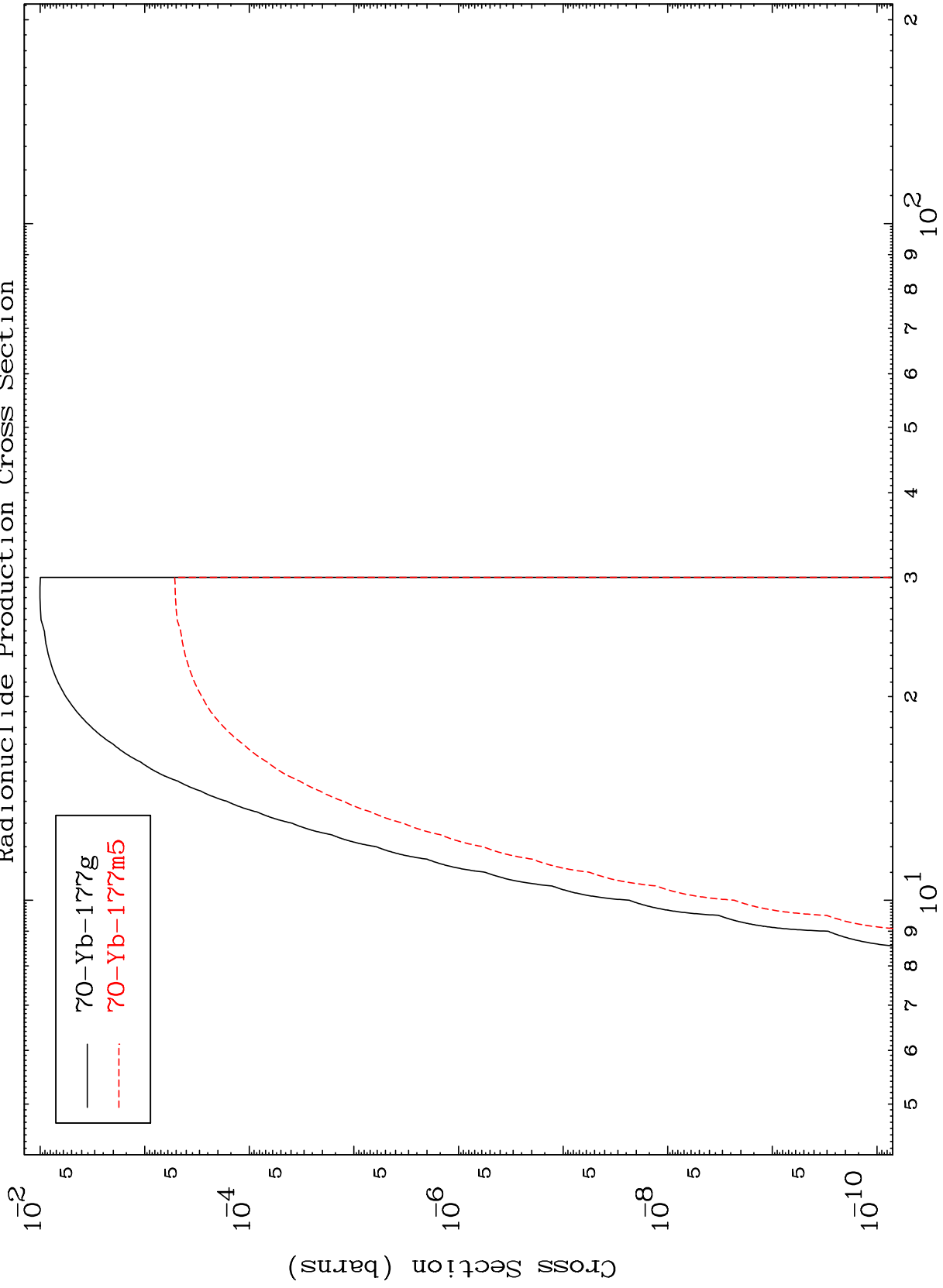
71-Lu-178

MAT 7134

(n,d)

⁷¹Lu-178

Radionuclide Production Cross Section



131

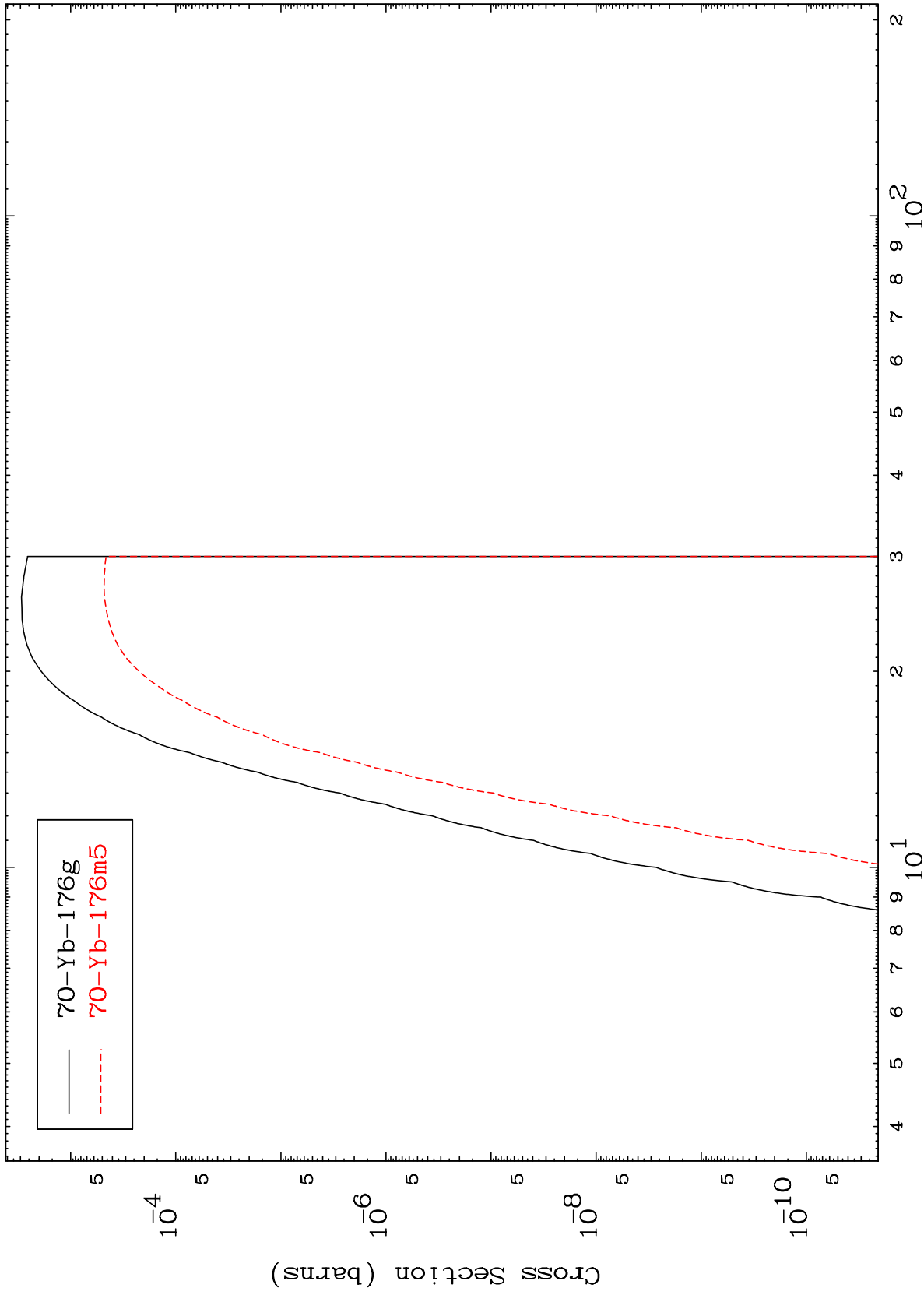
Incident Energy (MeV)

⁷¹Lu-178

MAT 7134

71-Lu-178

(n, t)
Radionuclide Production Cross Section



132

71-Lu-178