

Program EVALPLOT
(Version 2018-1)

by

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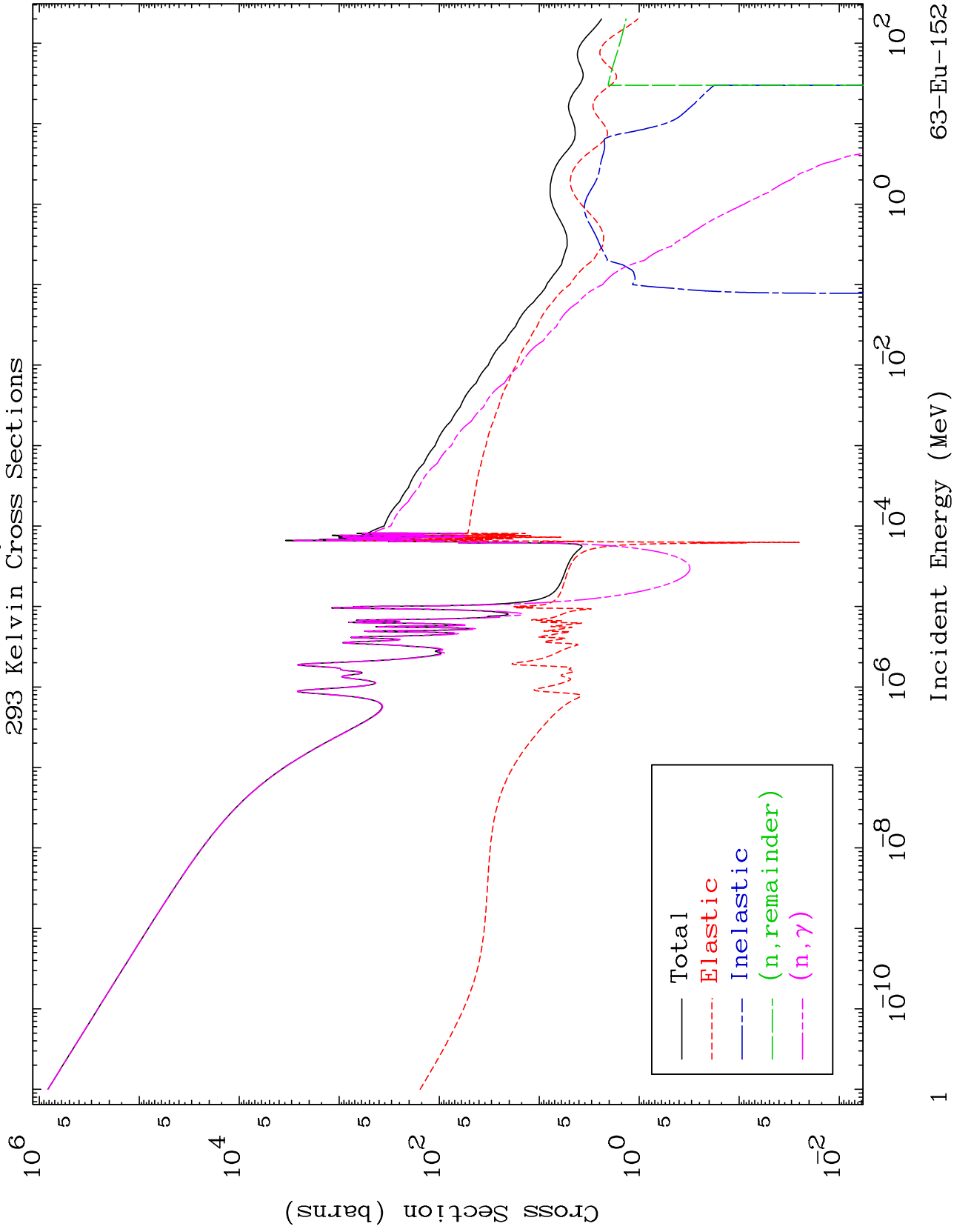
Press Mouse Button to Start

MAT 6328

Major

293 Kelvin Cross Sections

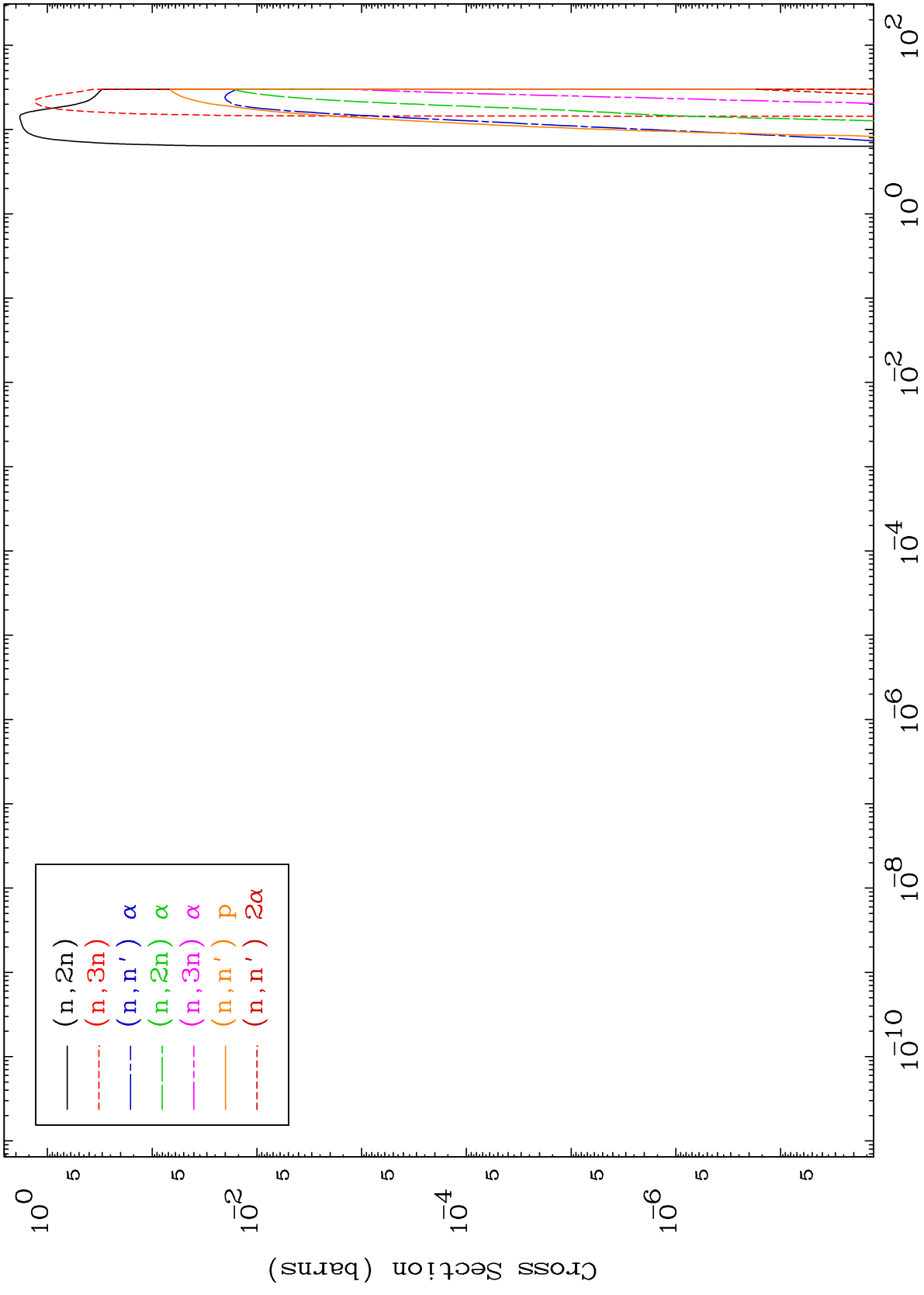
63-Eu-152



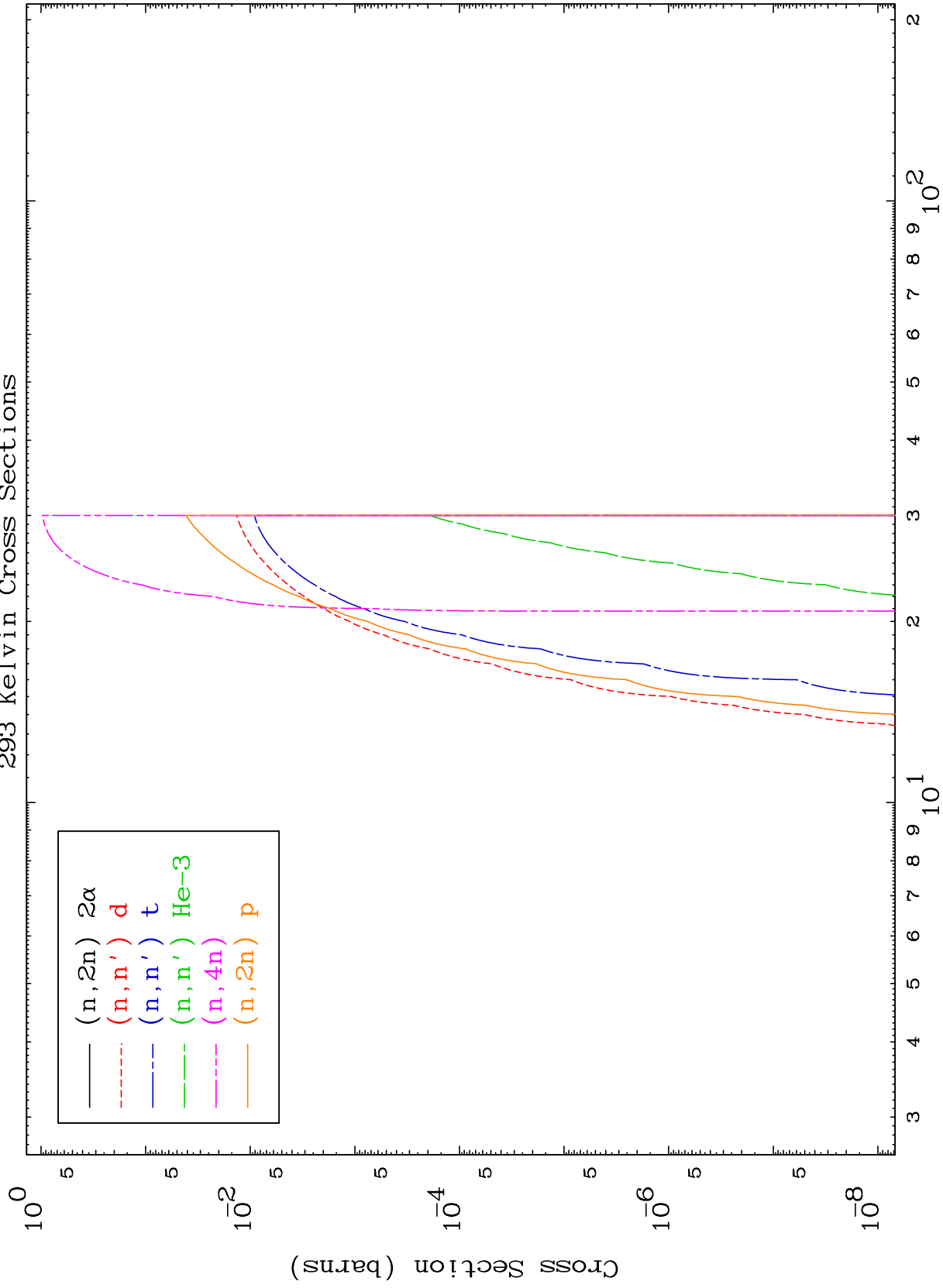
MAT 6328

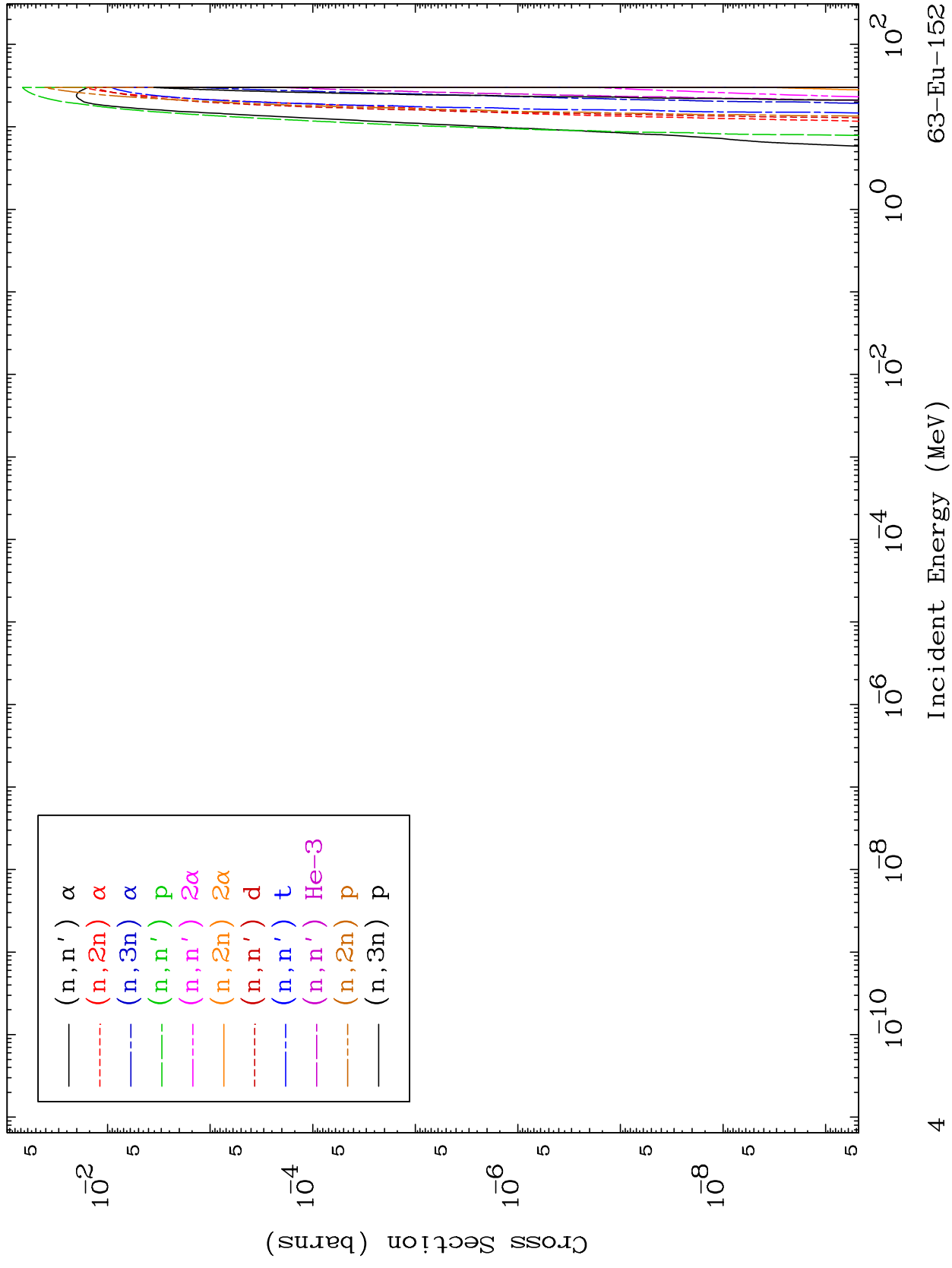
Neutron Production
293 Kelvin Cross Sections

63-Eu-152



63-Eu-152

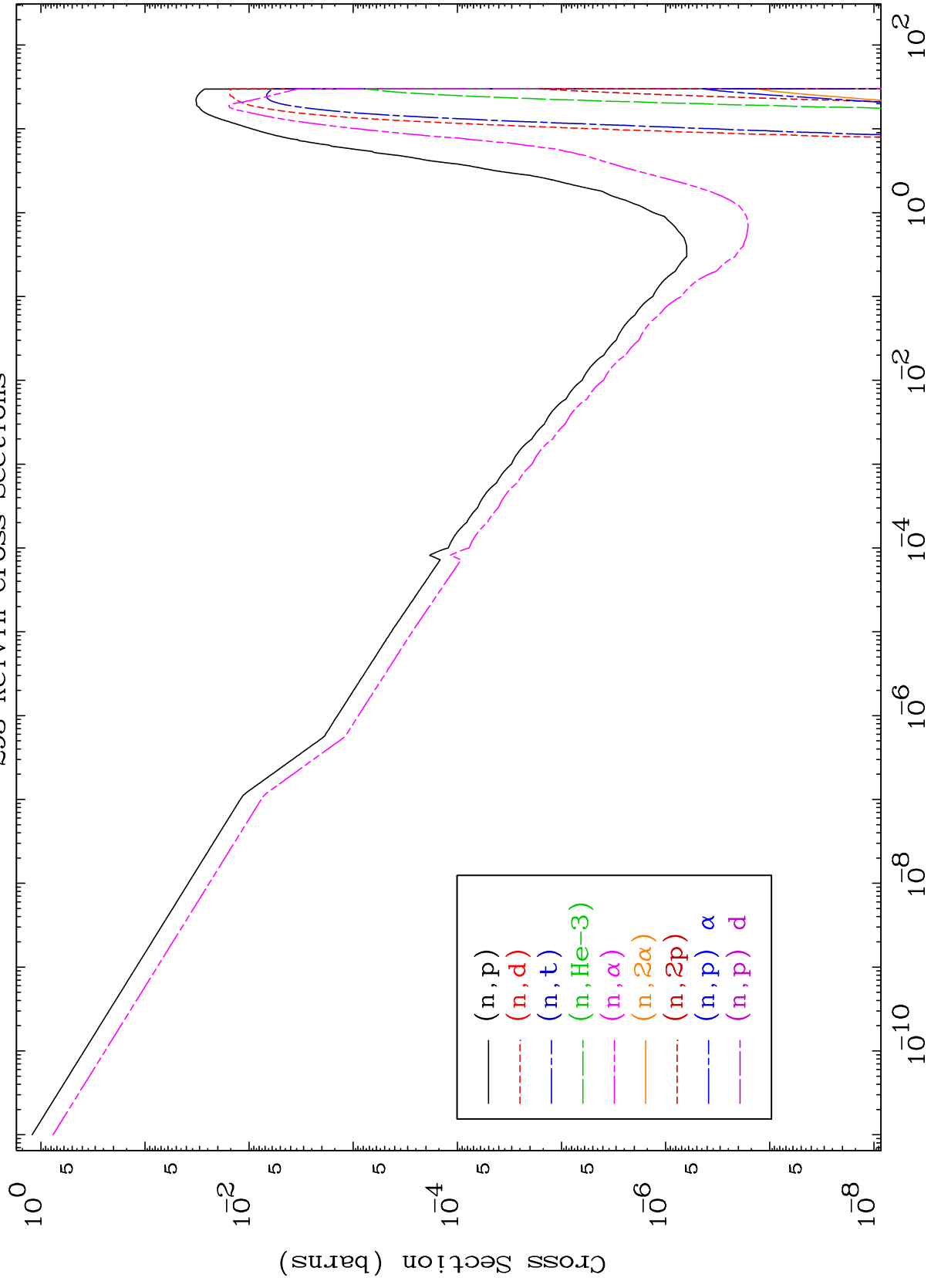




MAT 6328

Charged Particle
293 Kelvin Cross Sections

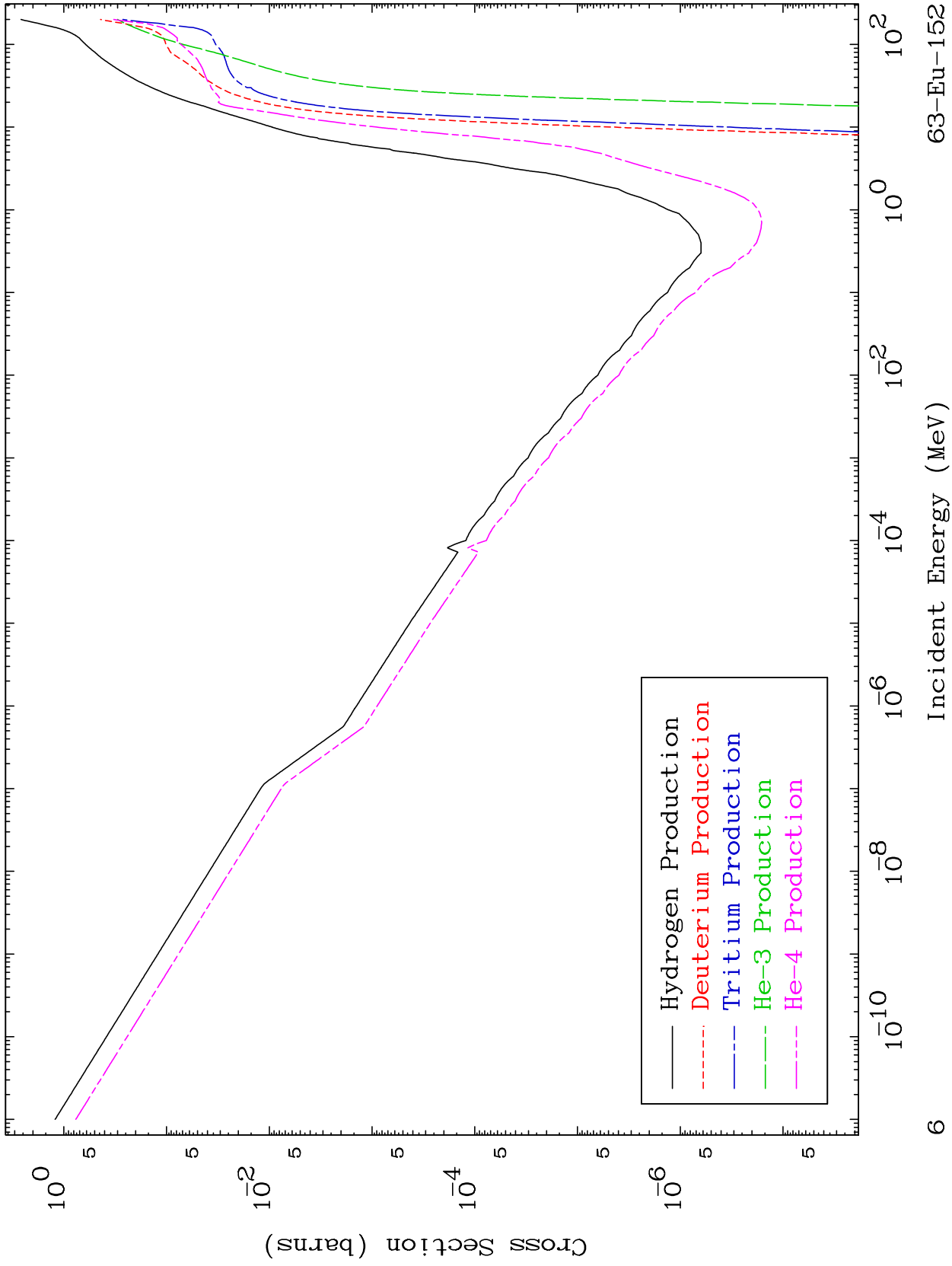
63-Eu-152



MAT 6328

Particle Production
293 Kelvin Cross Sections

63-Eu-152

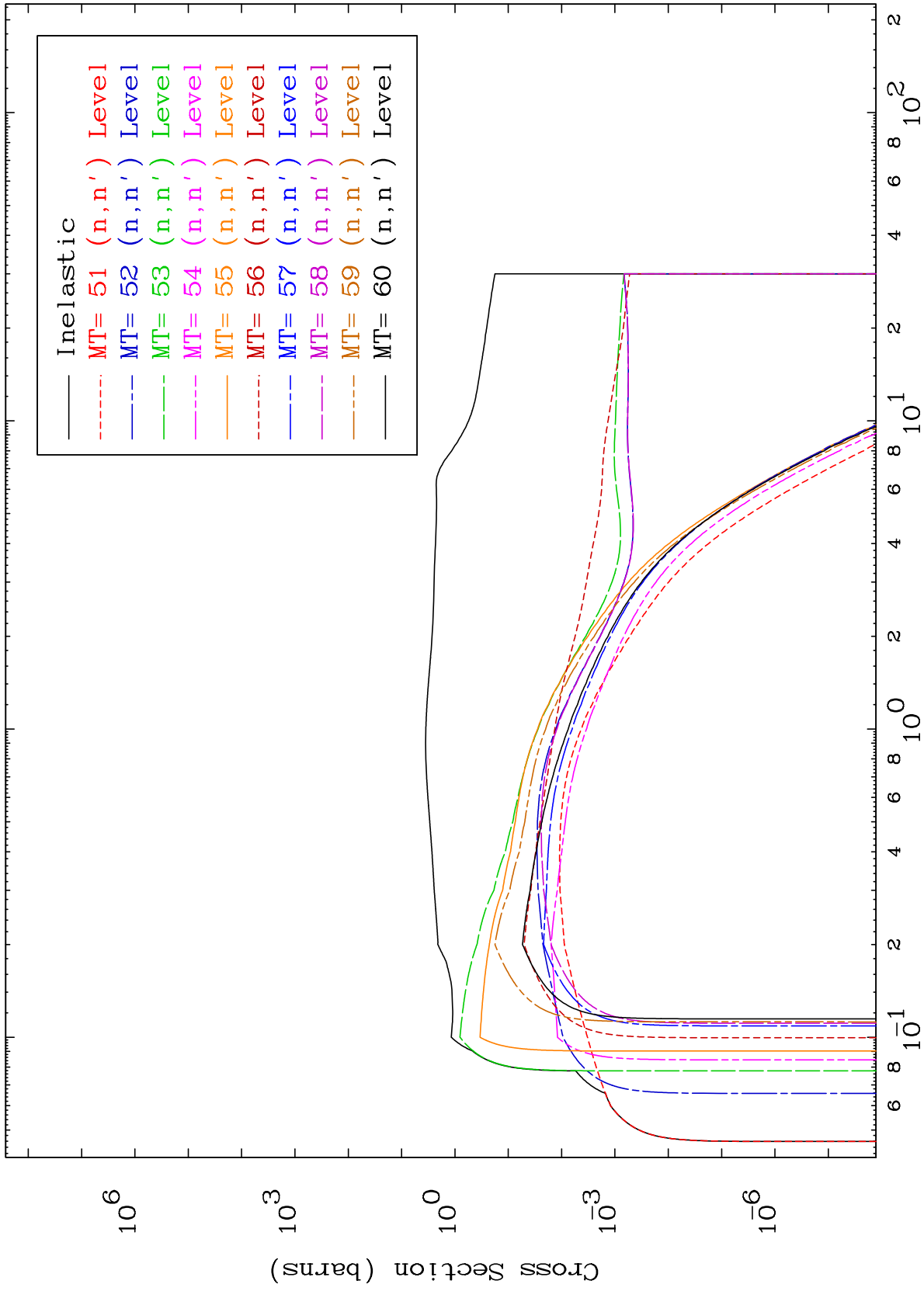


MAT 6328

(n,n') Level

63-Eu-152

293 Kelvin Cross Sections



7

Incident Energy (MeV)

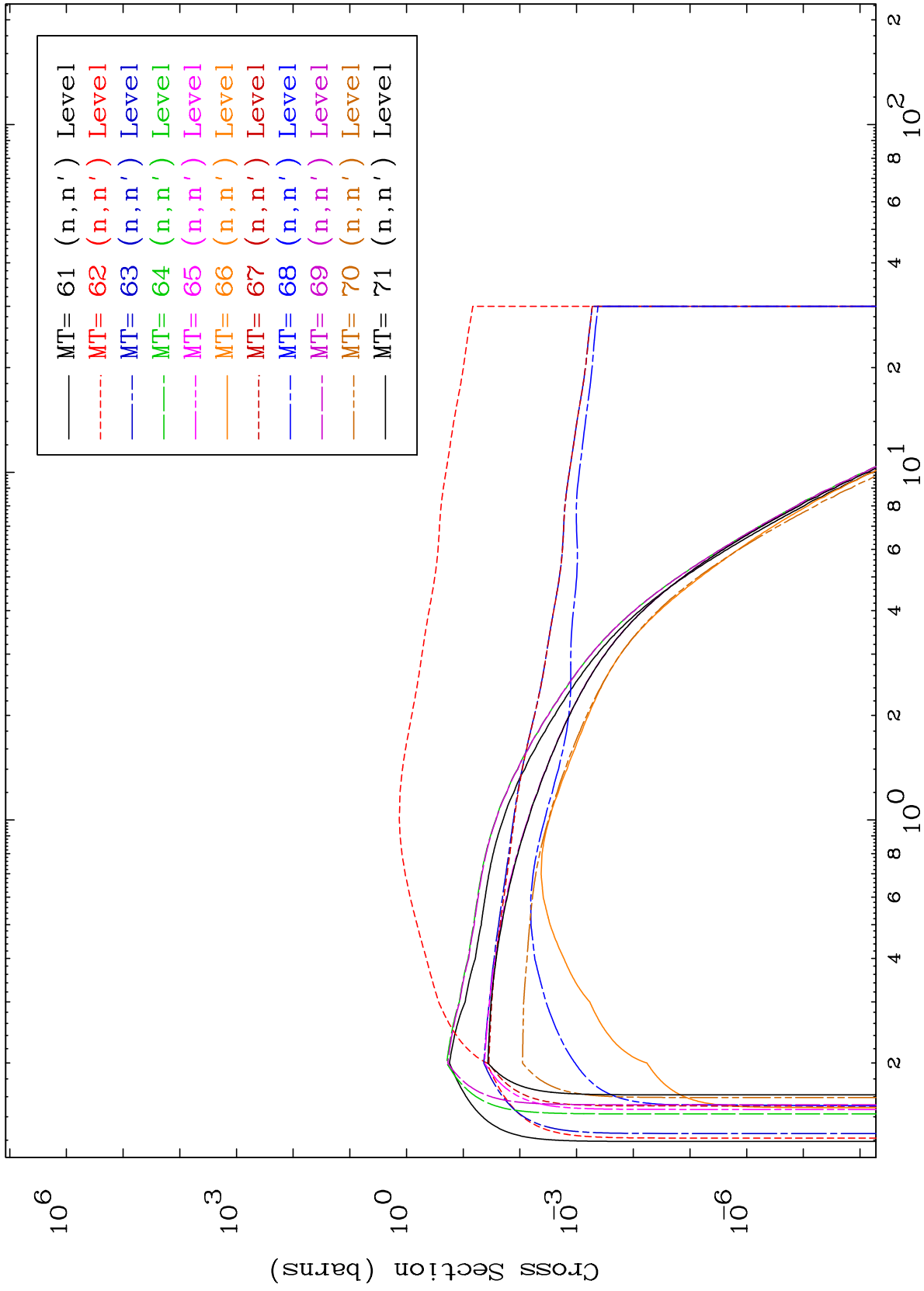
63-Eu-152

MAT 6328

(n,n') Level

63-Eu-152

293 Kelvin Cross Sections



8

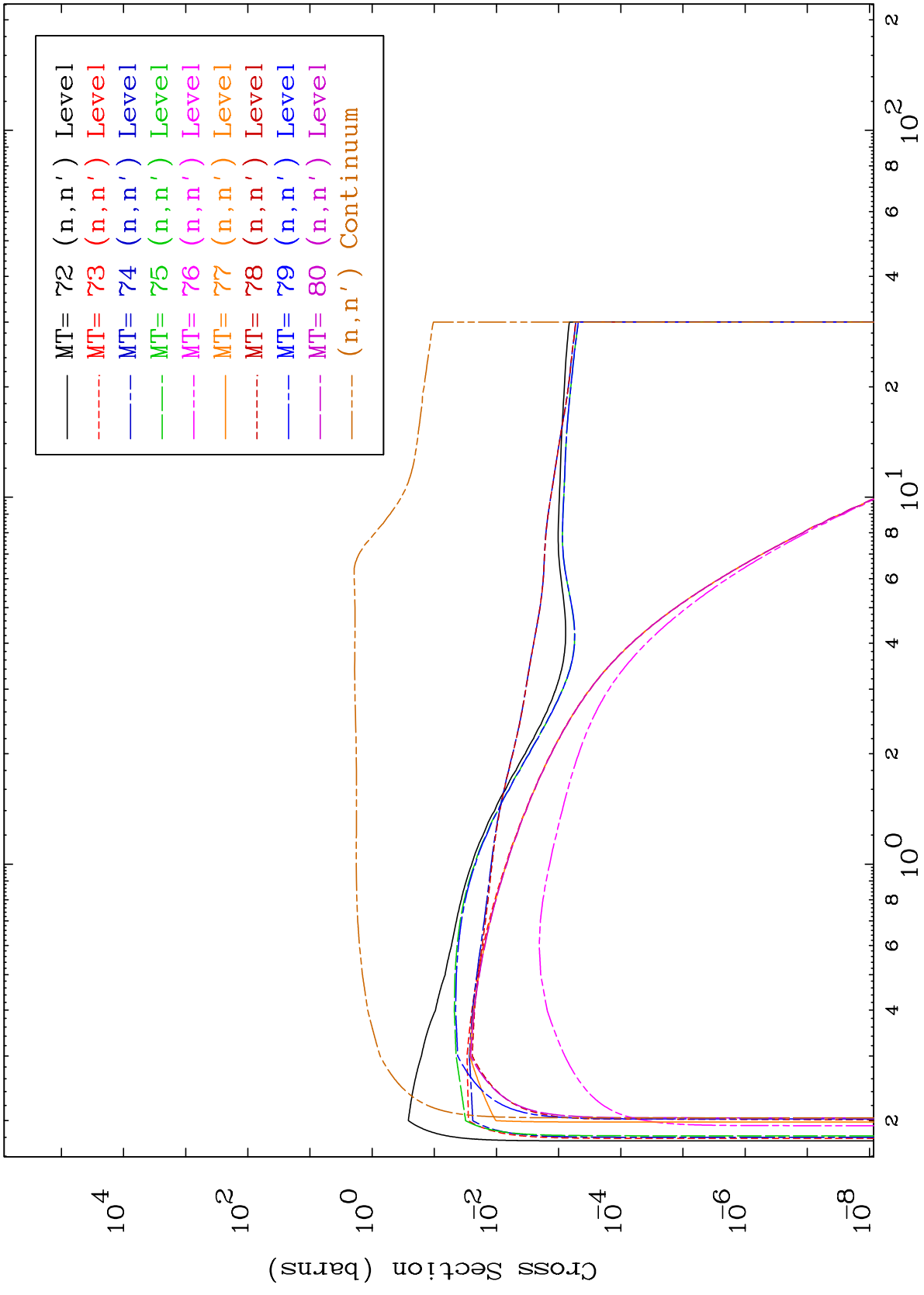
Incident Energy (MeV)

63-Eu-152

MAT 6328

(n,n') Level
293 Kelvin Cross Sections

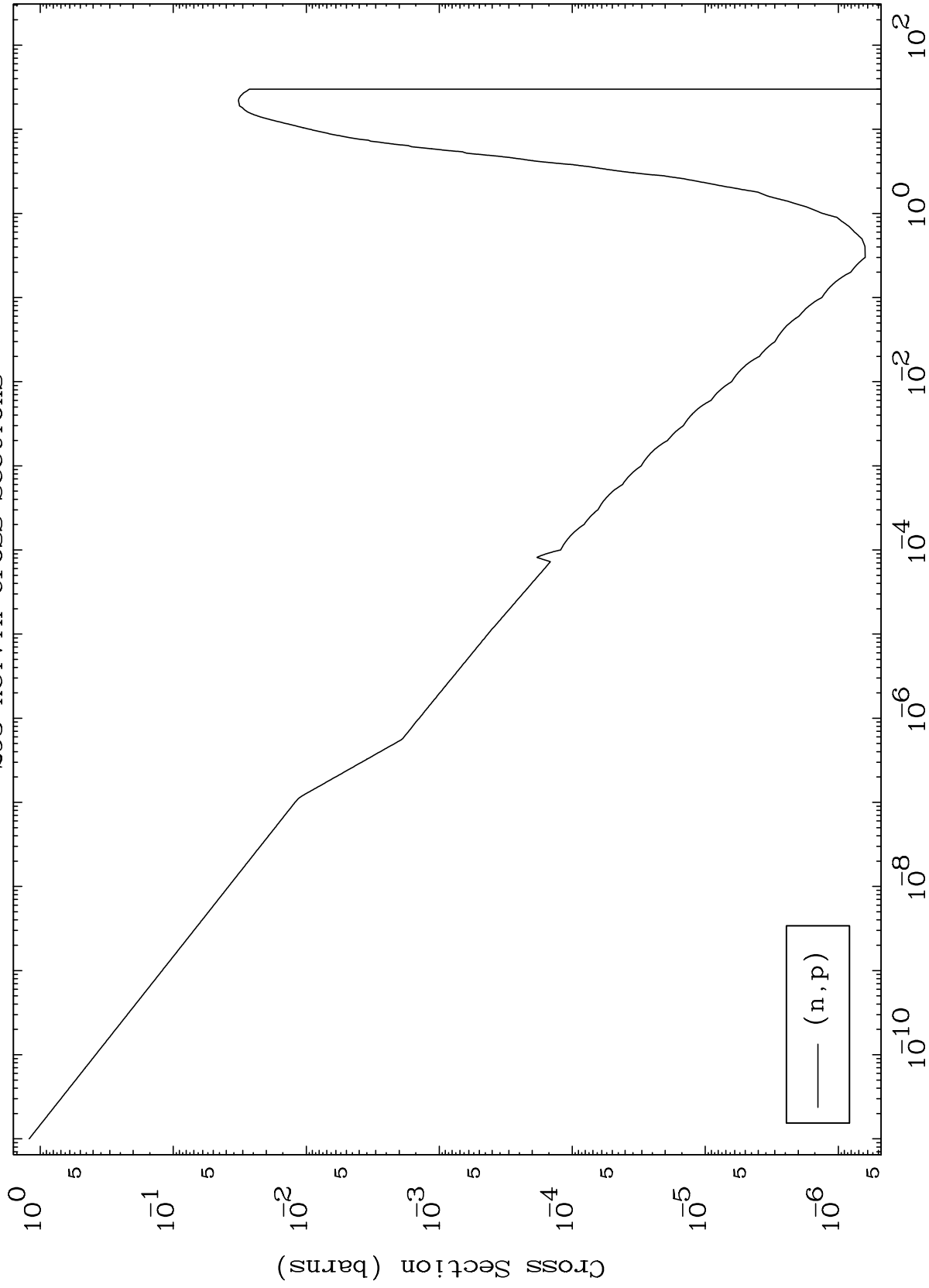
63-Eu-152



MAT 6328

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-152



10

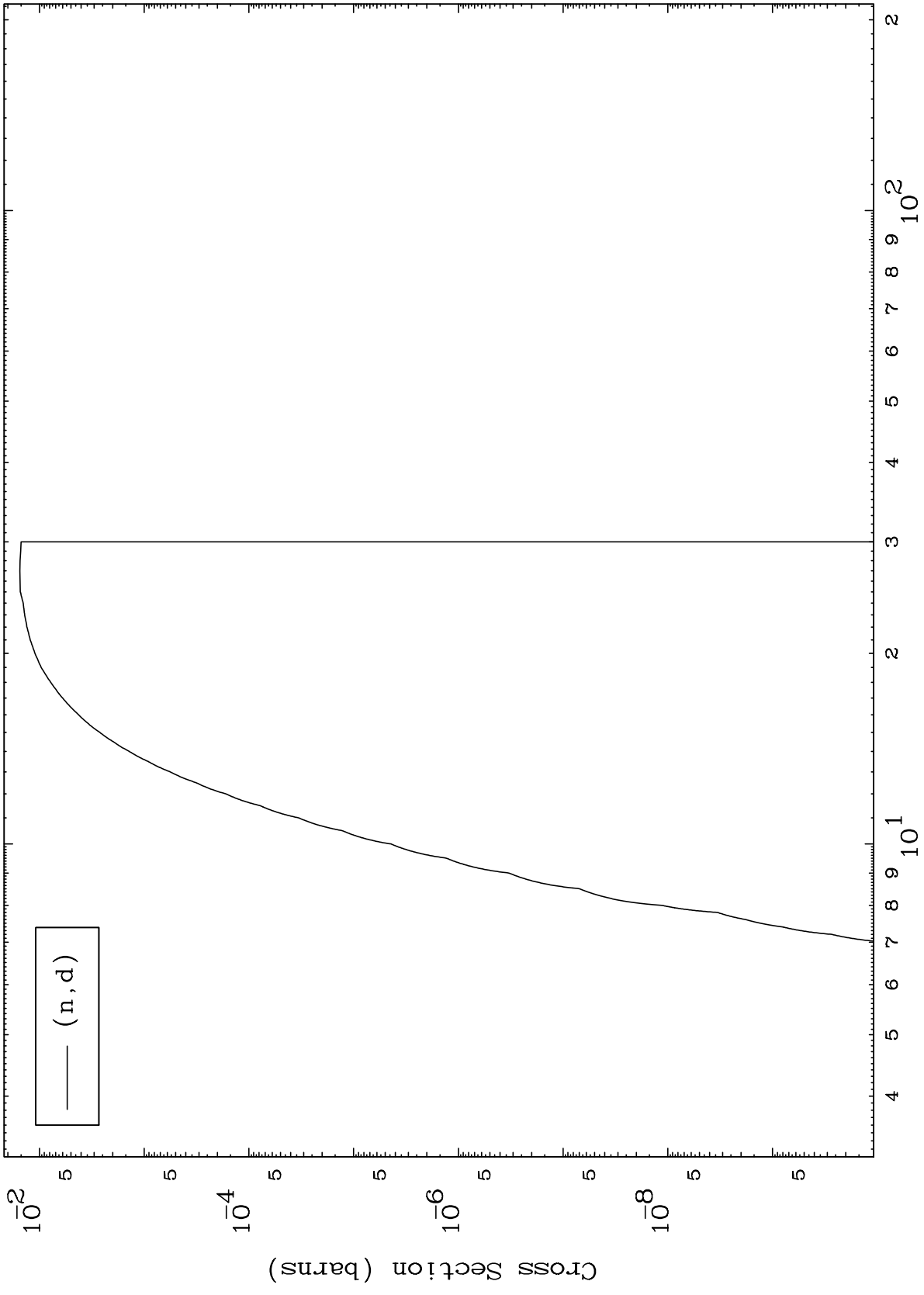
Incident Energy (MeV)

63-Eu-152

MAT 6328

(n,d) Levels
293 Kelvin Cross Sections

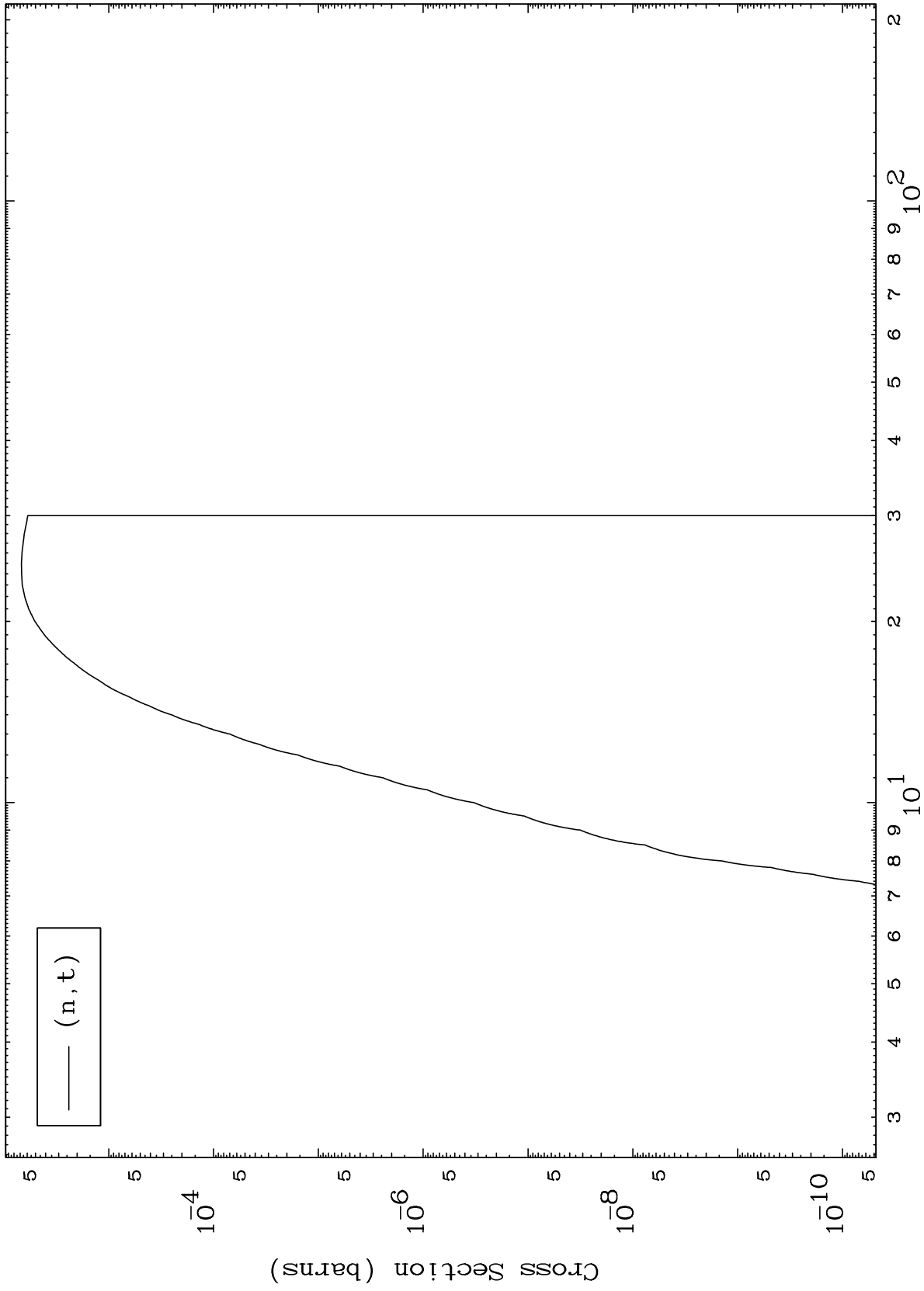
63-Eu-152



MAT 6328

(n,t) Levels
293 Kelvin Cross Sections

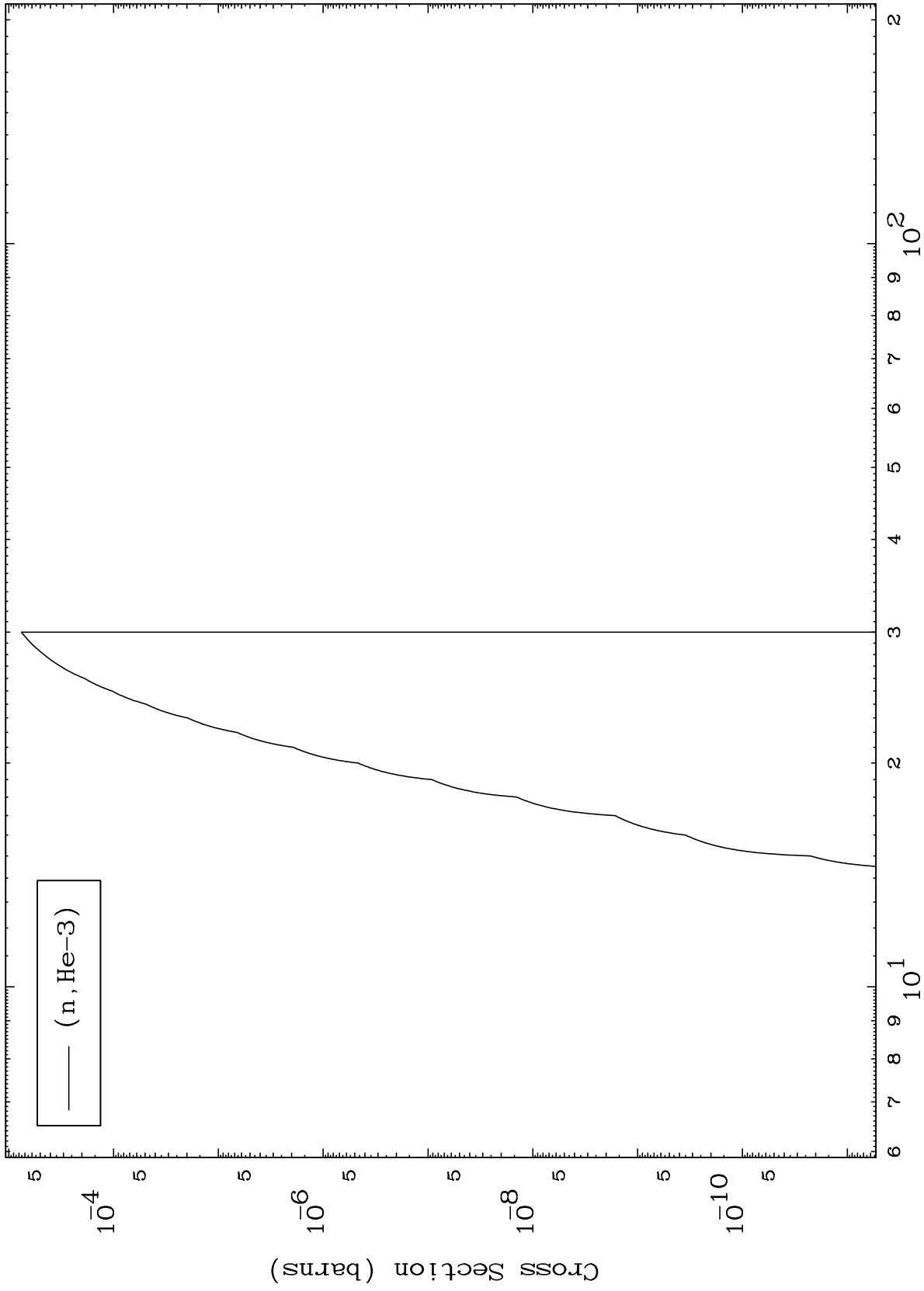
63-Eu-152



12

Incident Energy (MeV)

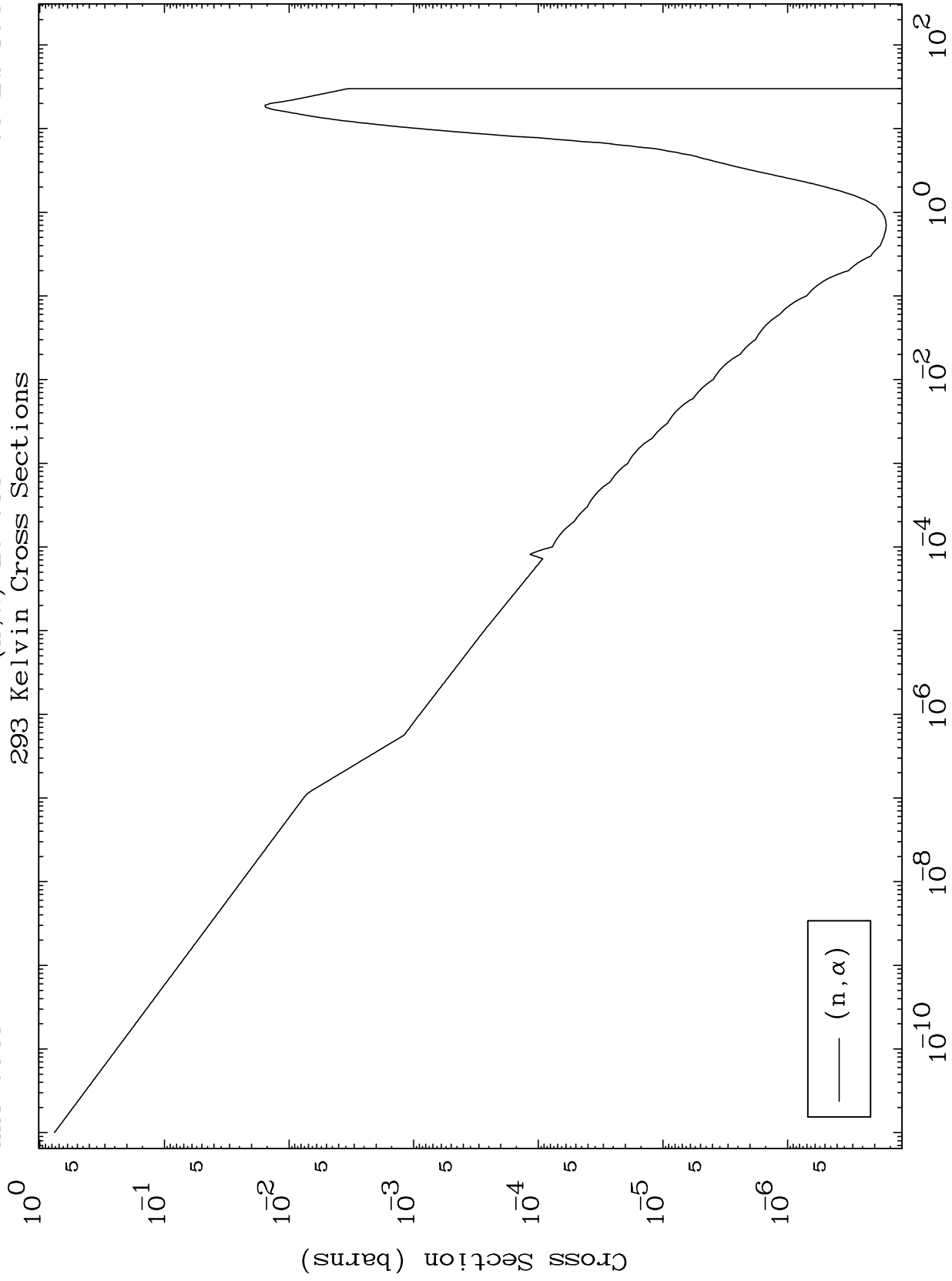
63-Eu-152

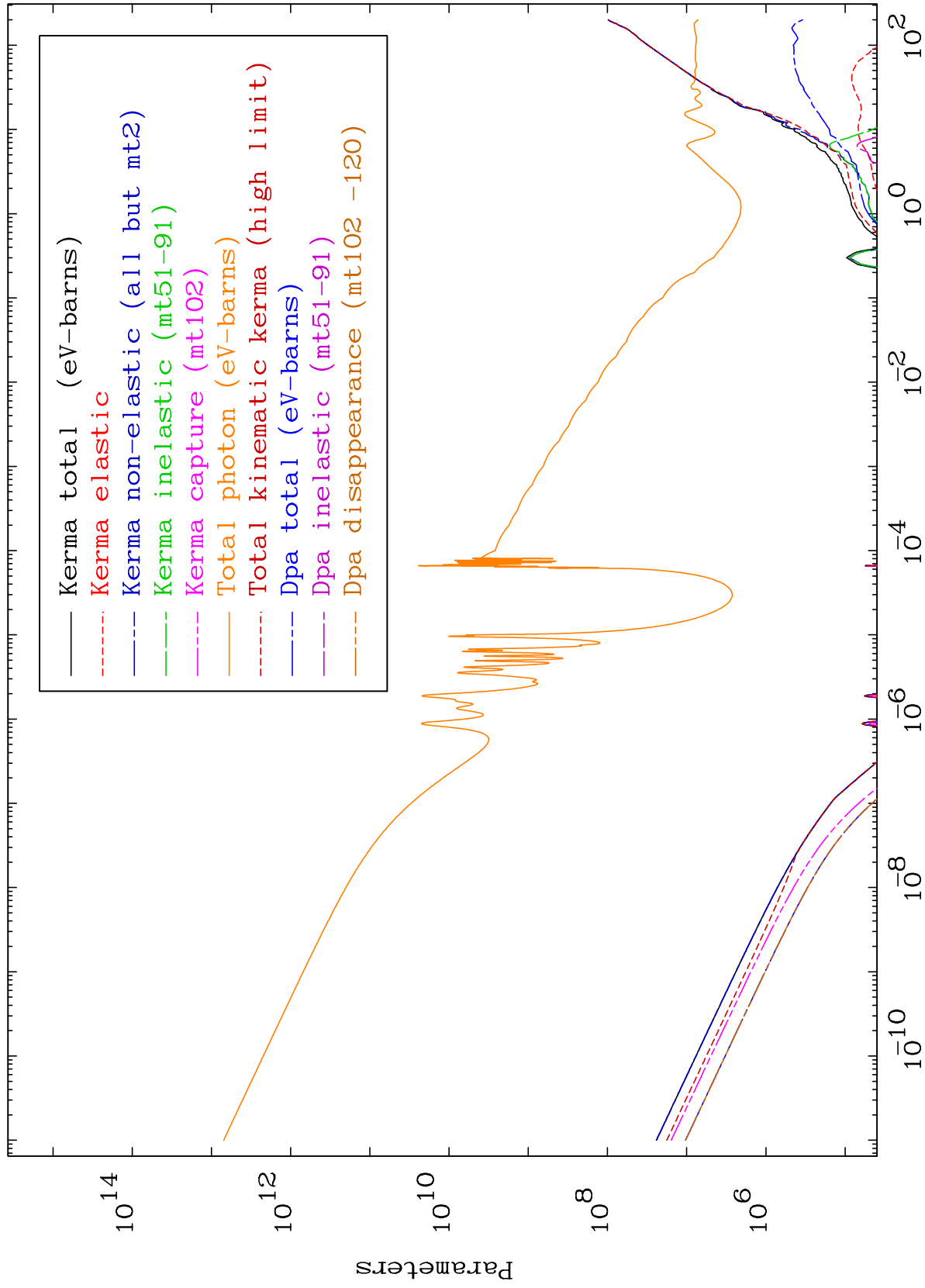


MAT 6328

293 (n,α) Levels

63-Eu-152

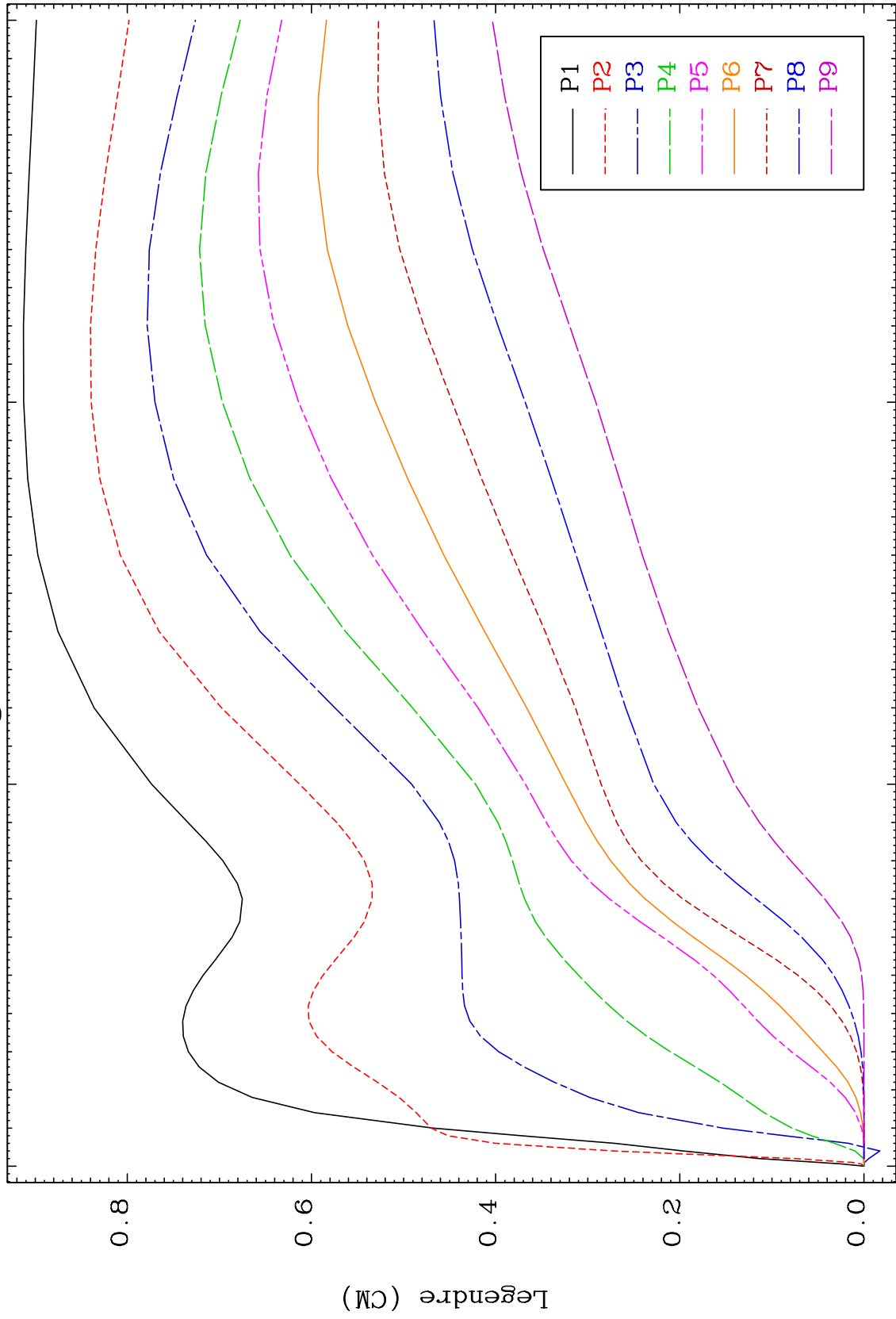




MAT 6328

Elastic Legendre Coefficients

63-Eu-152



16

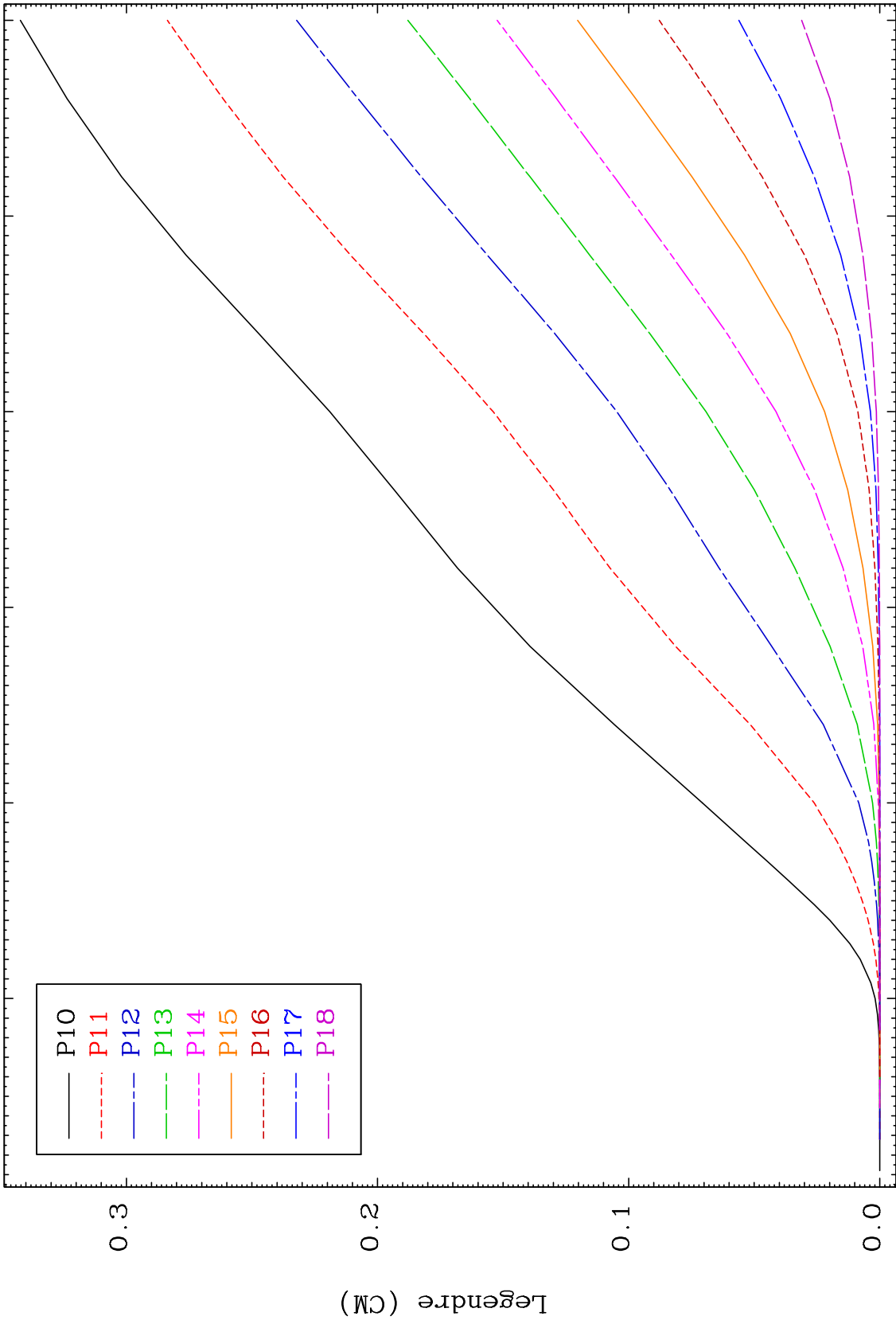
Incident Energy (MeV)

63-Eu-152

MAT 6328

Elastic Legendre Coefficients

63-Eu-152



17

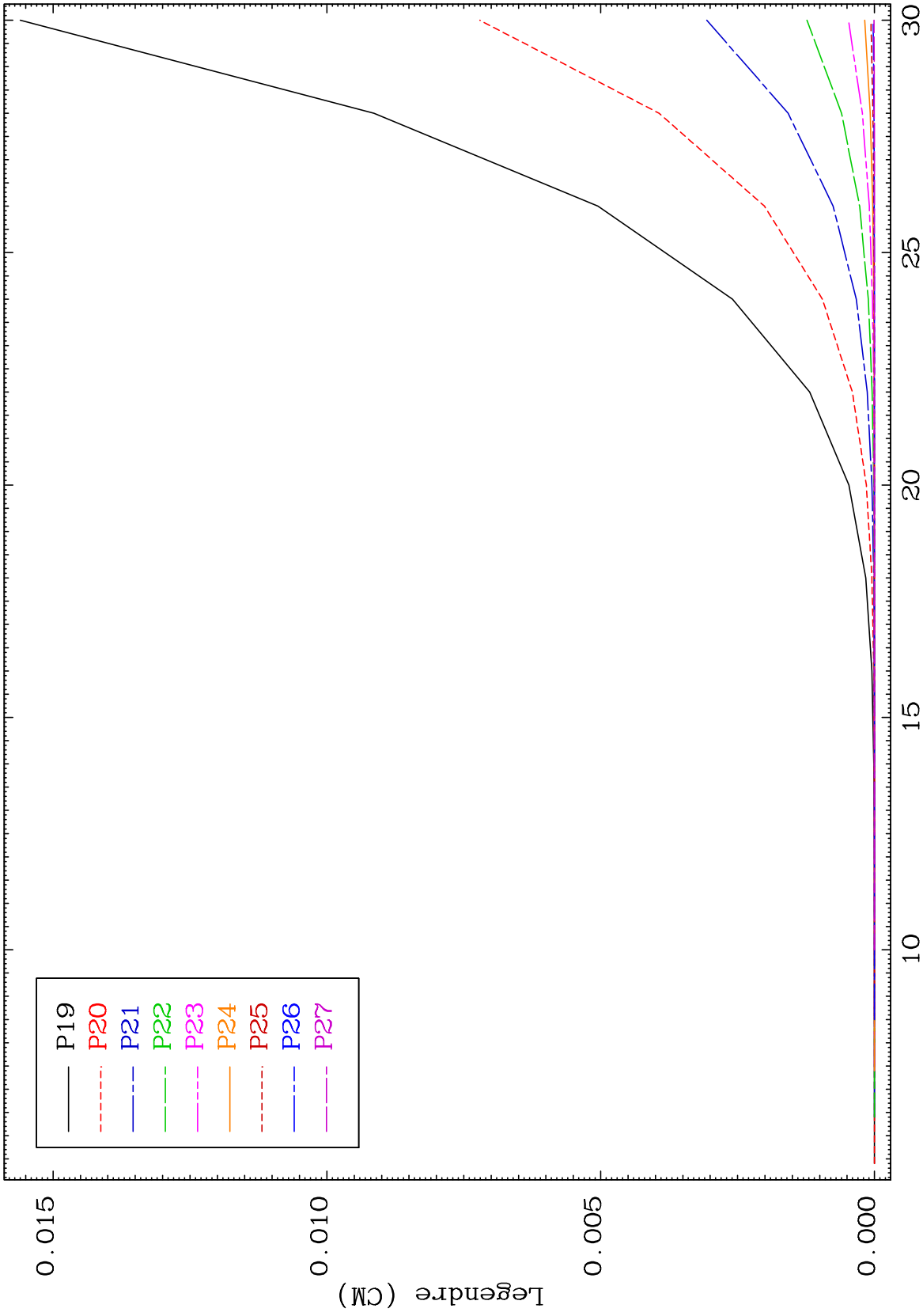
Incident Energy (MeV)

63-Eu-152

MAT 6328

Elastic Legendre Coefficients

63-Eu-152



18

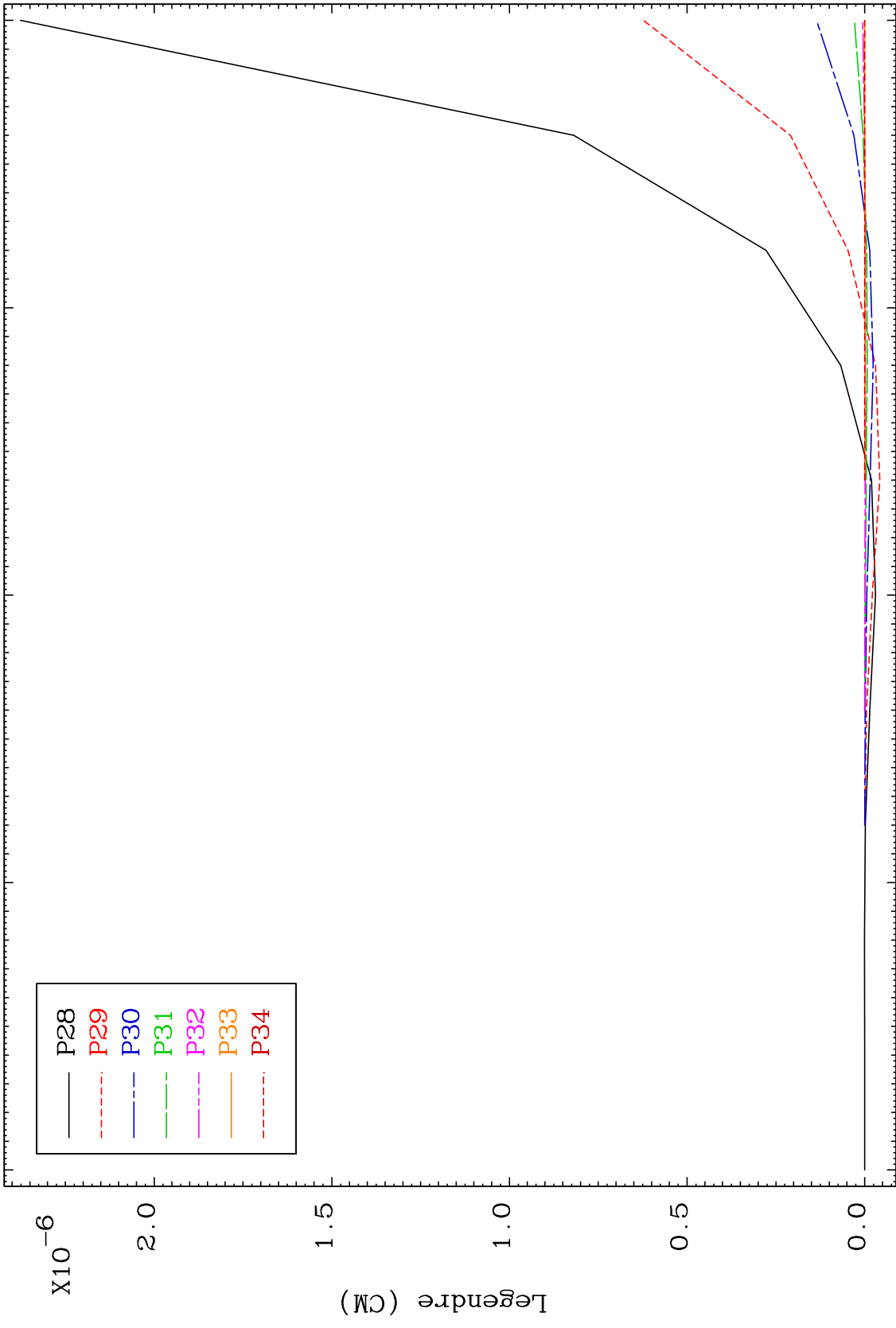
Incident Energy (MeV)

63-Eu-152

MAT 6328

Elastic Legendre Coefficients

63-Eu-152



19

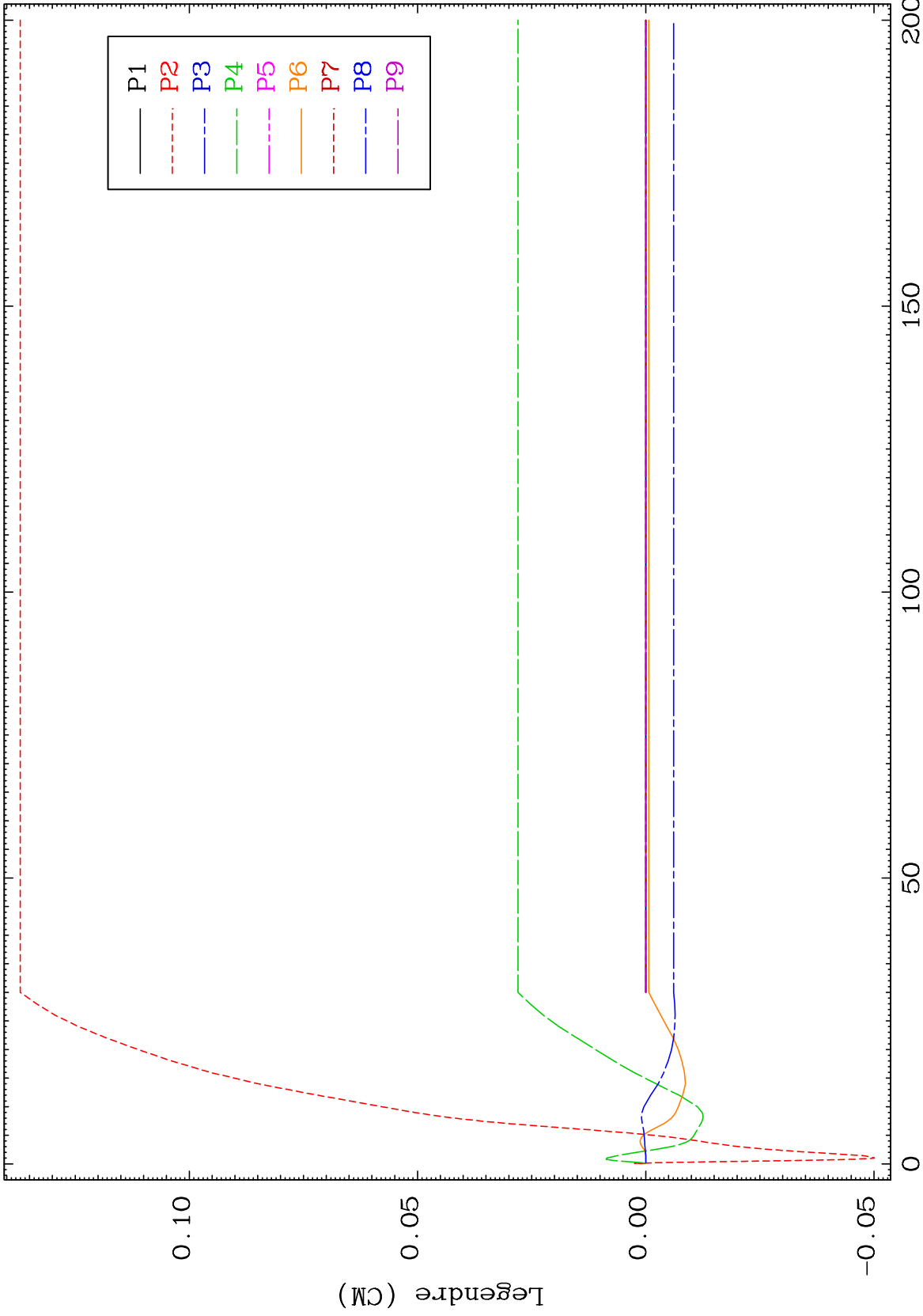
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

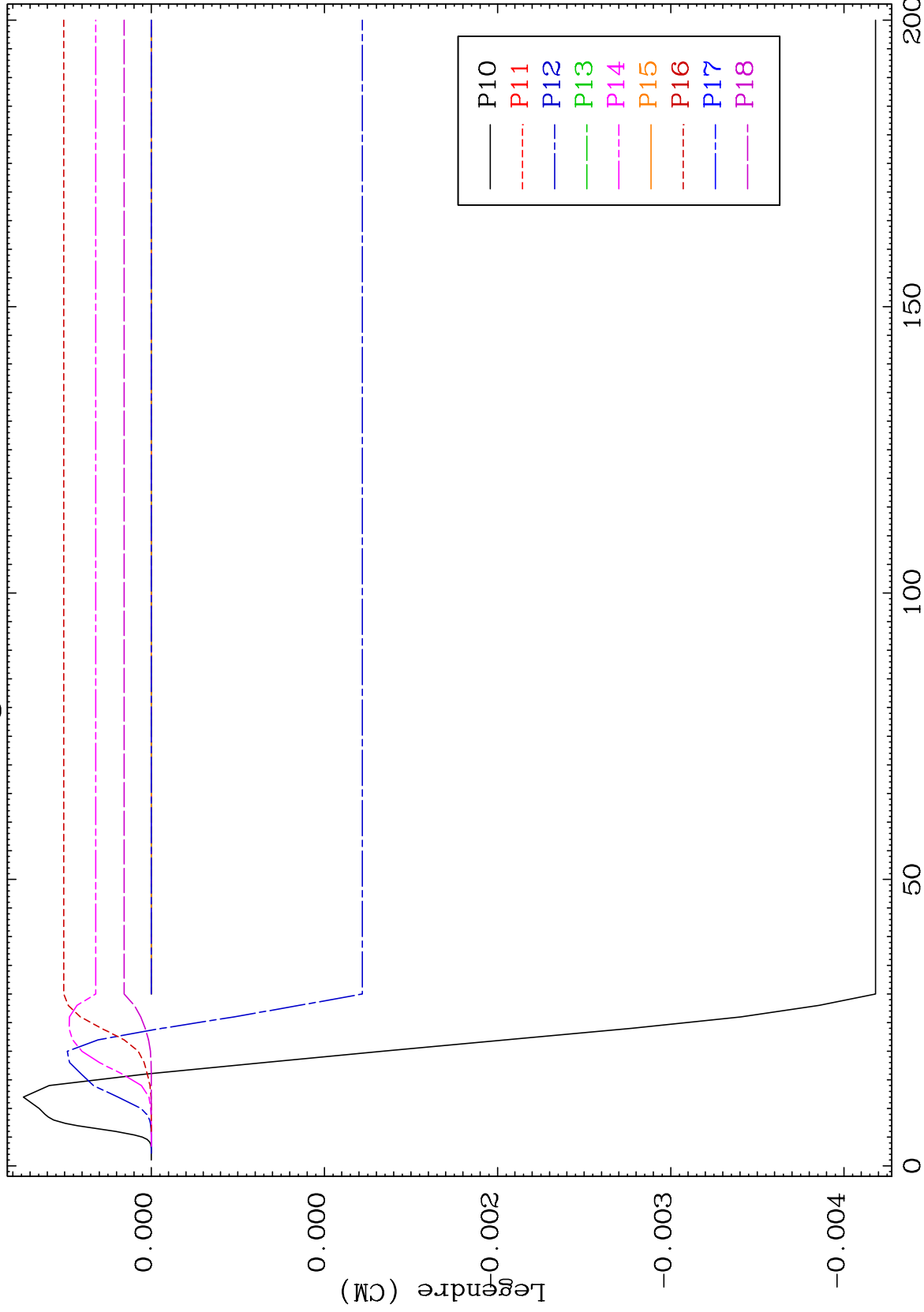
63-Eu-152



MAT 6328

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

63-Eu-152



21

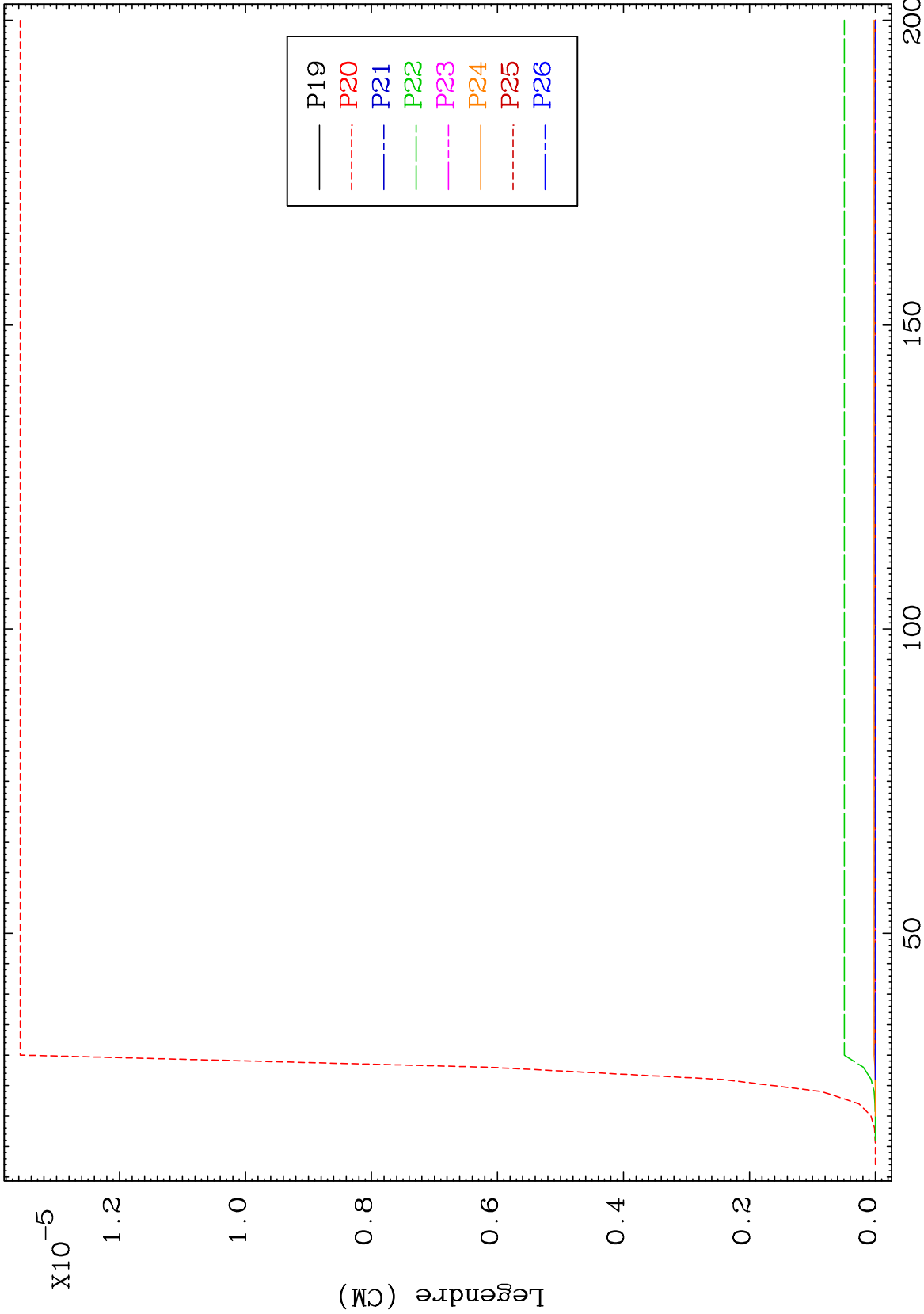
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



22

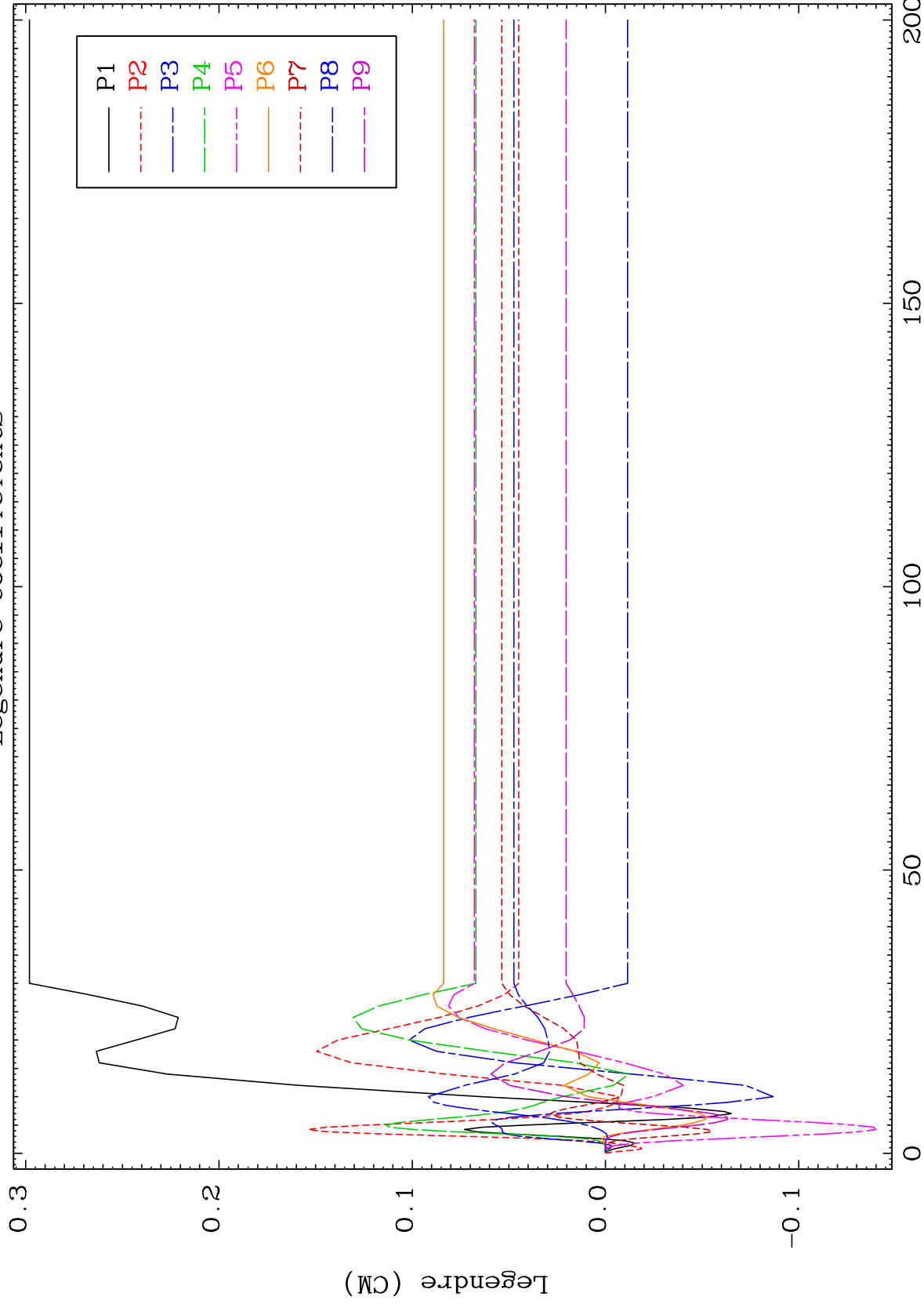
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



23

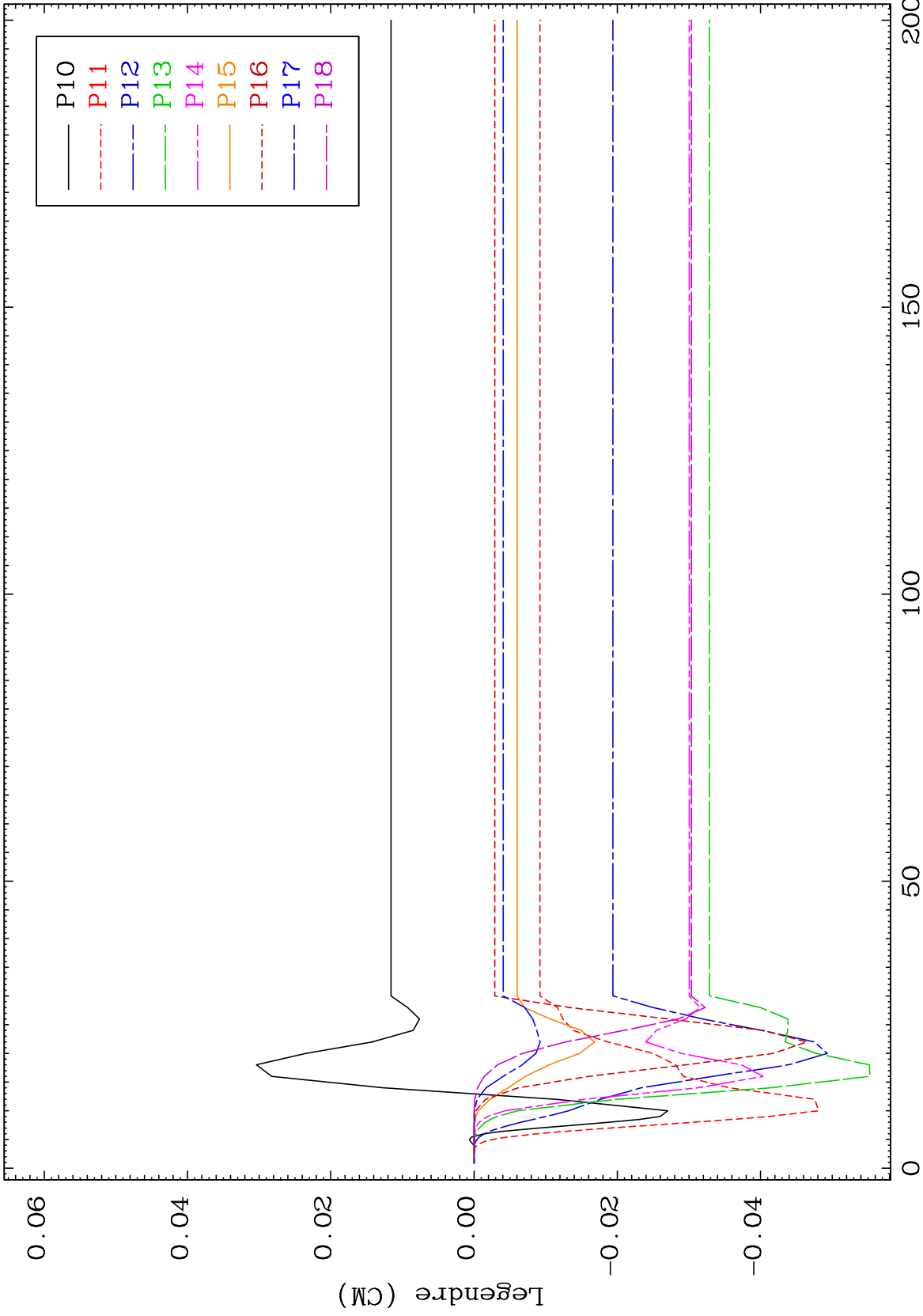
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



24

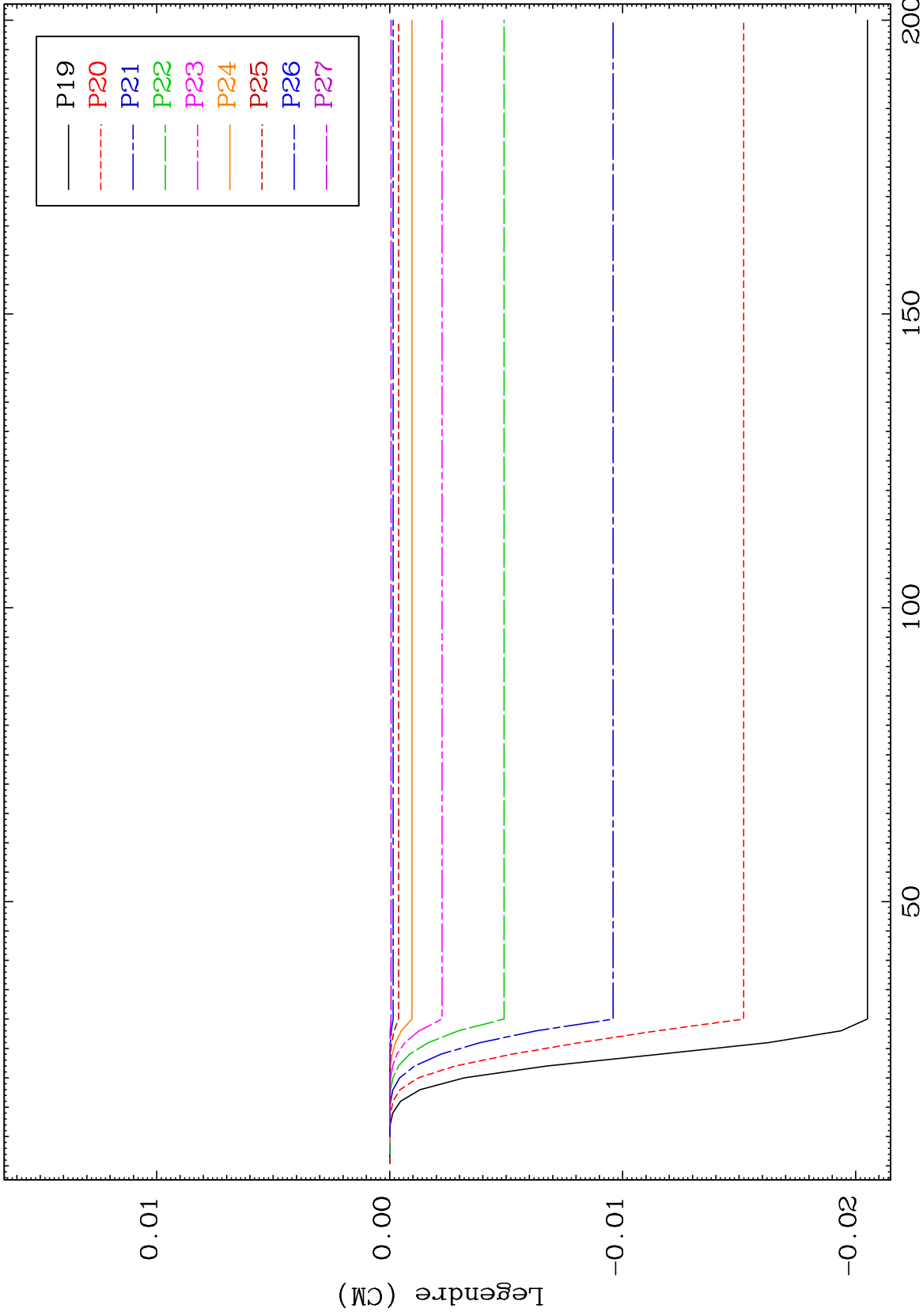
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



25

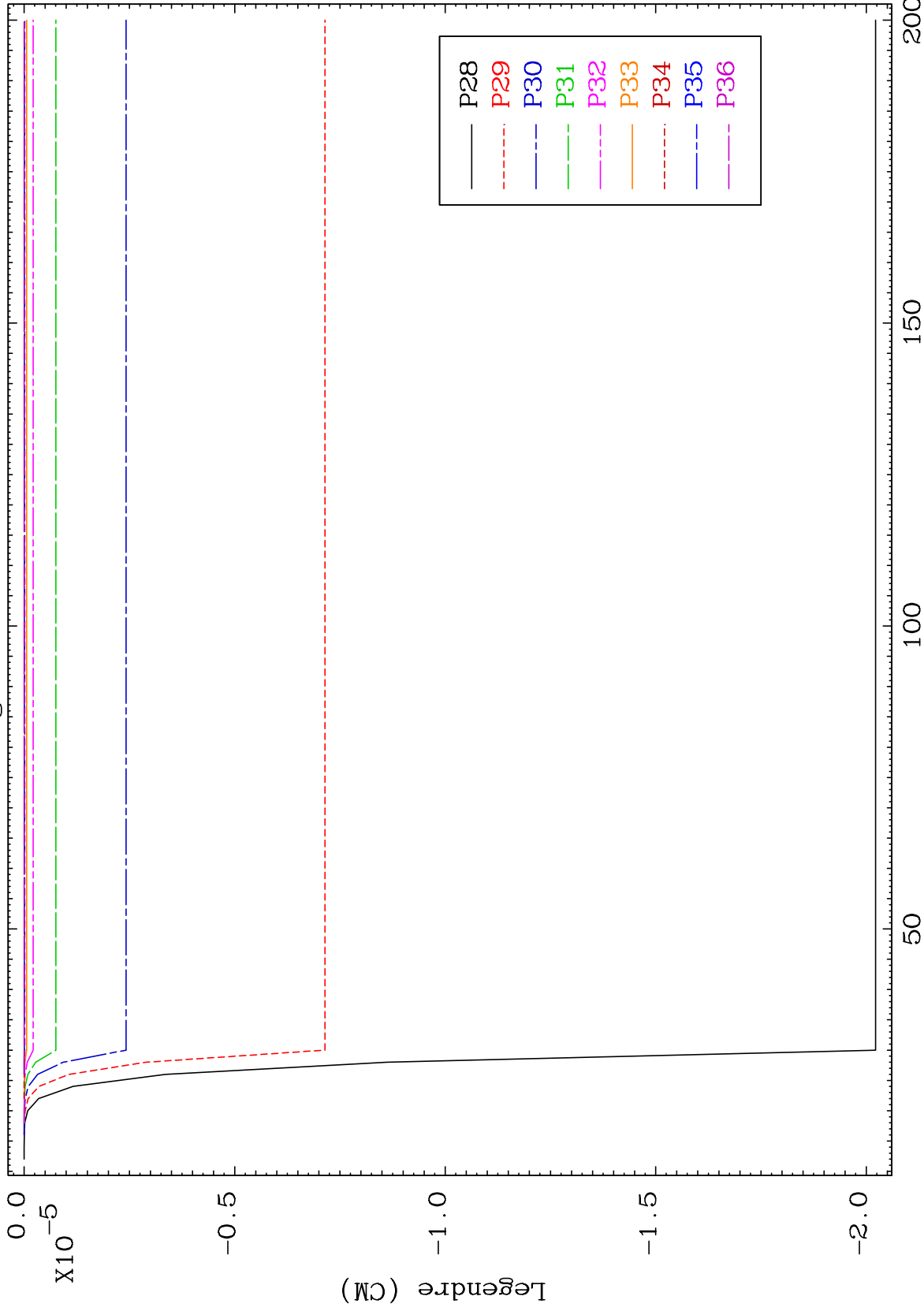
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



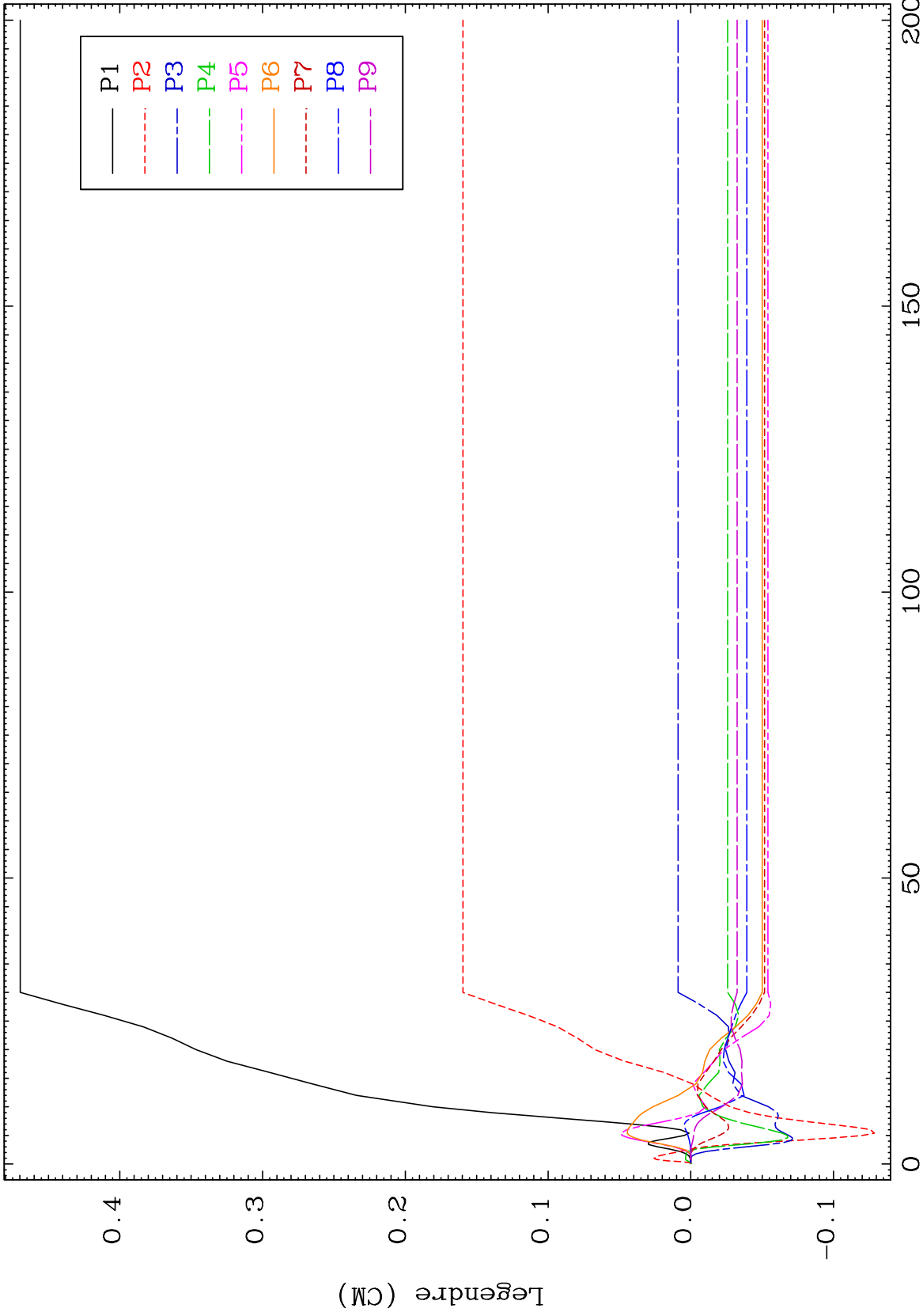
26

63-Eu-152

MAT 6328

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

63-Eu-152



27

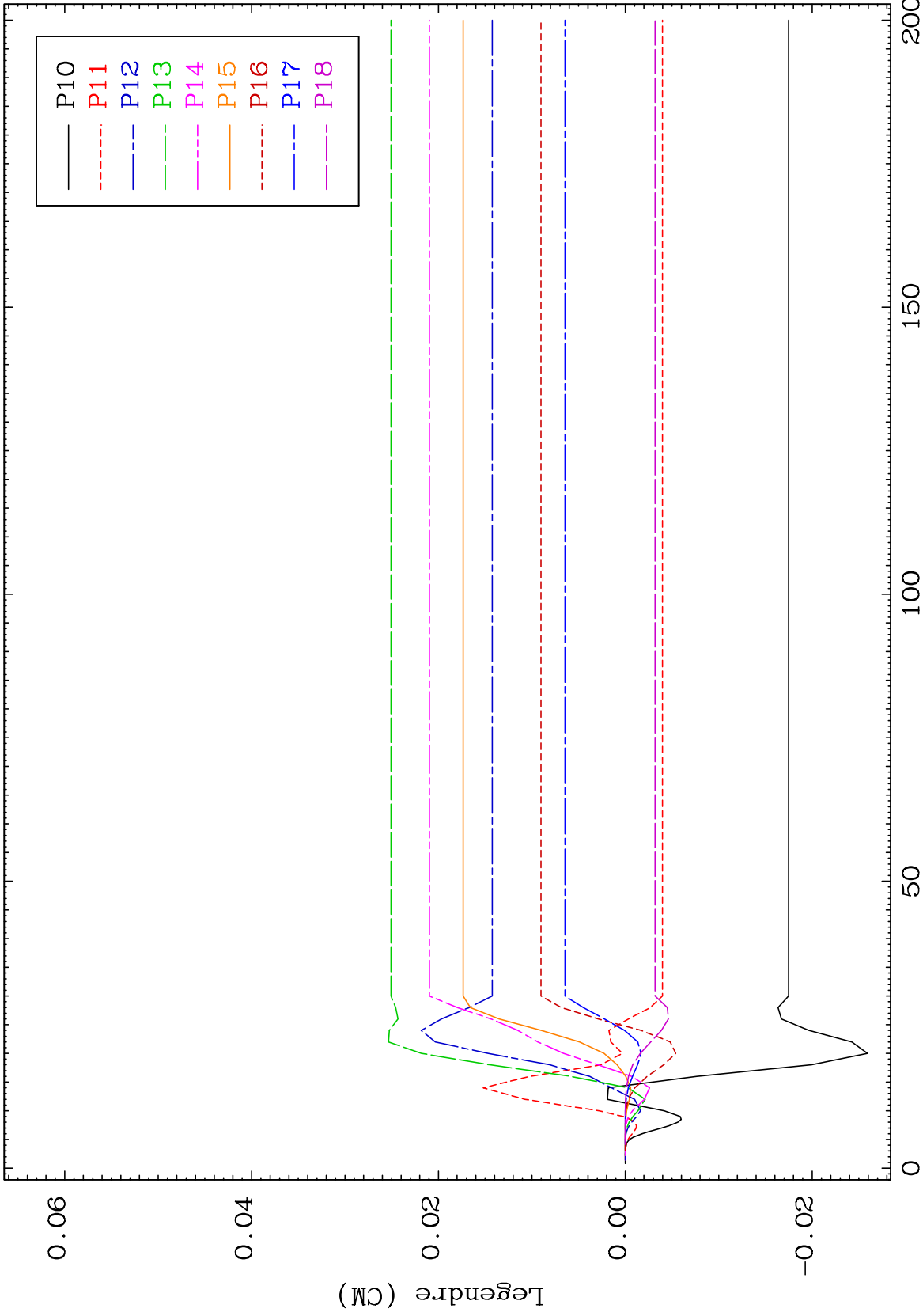
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



28

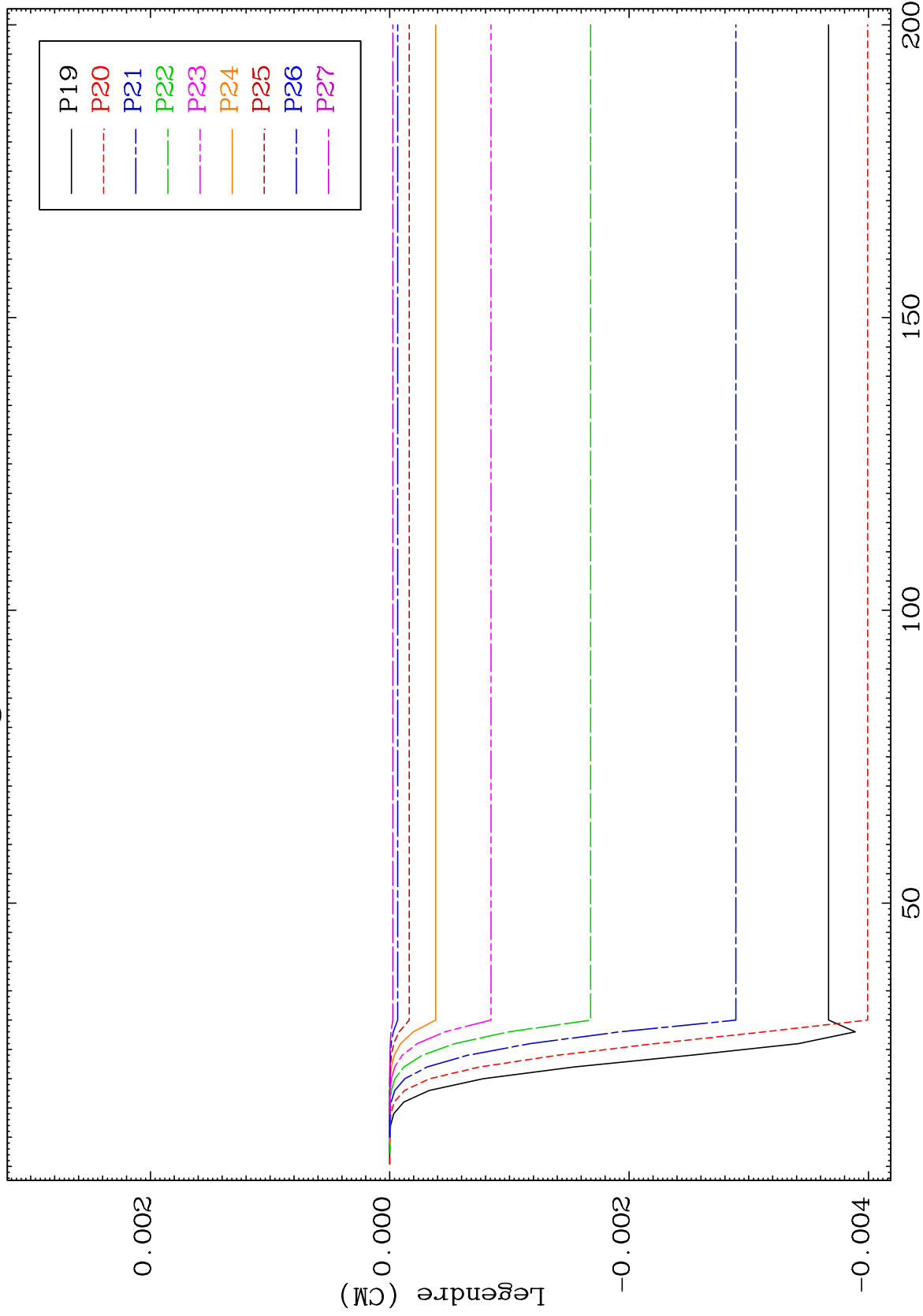
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



29

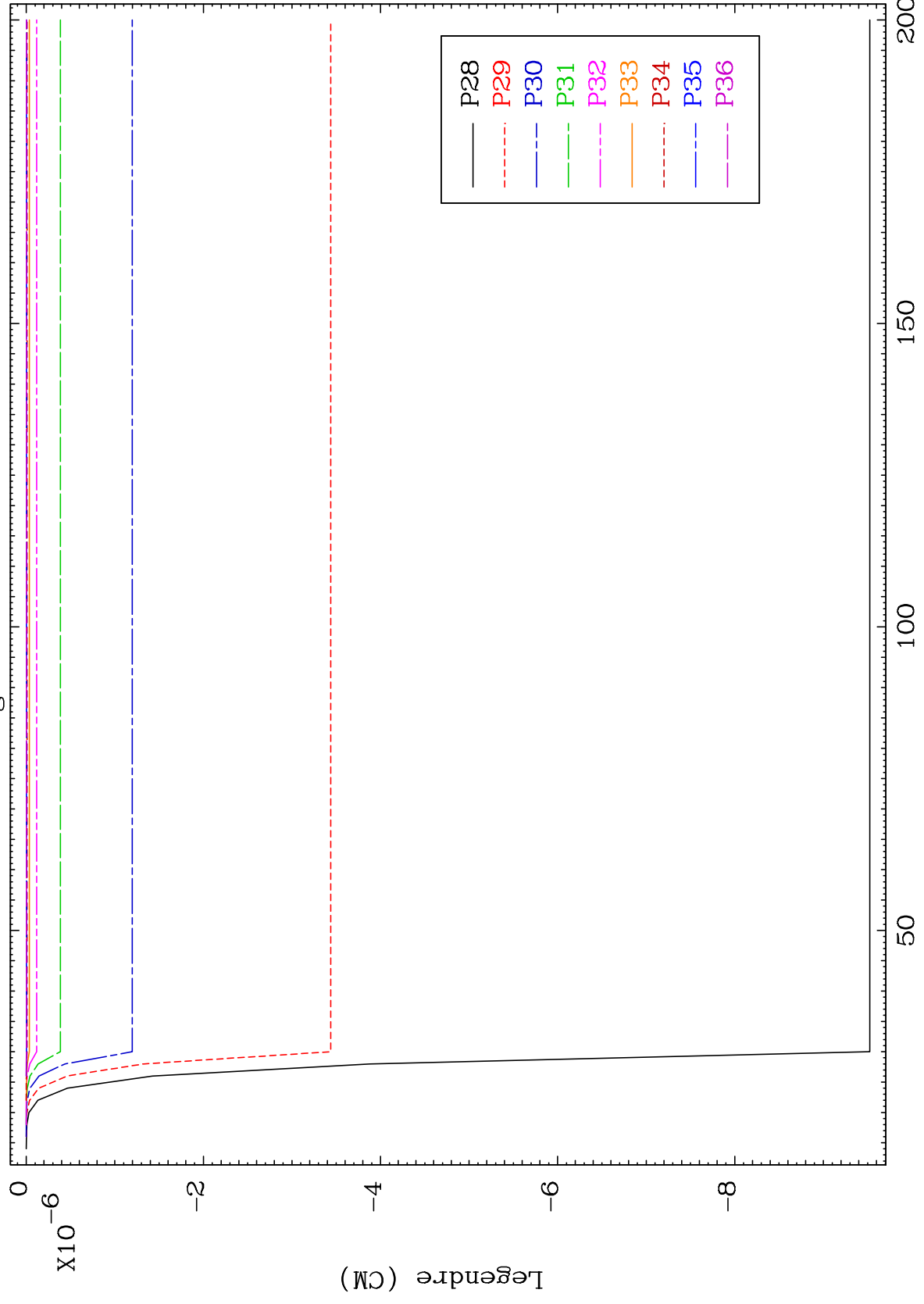
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



63-Eu-152

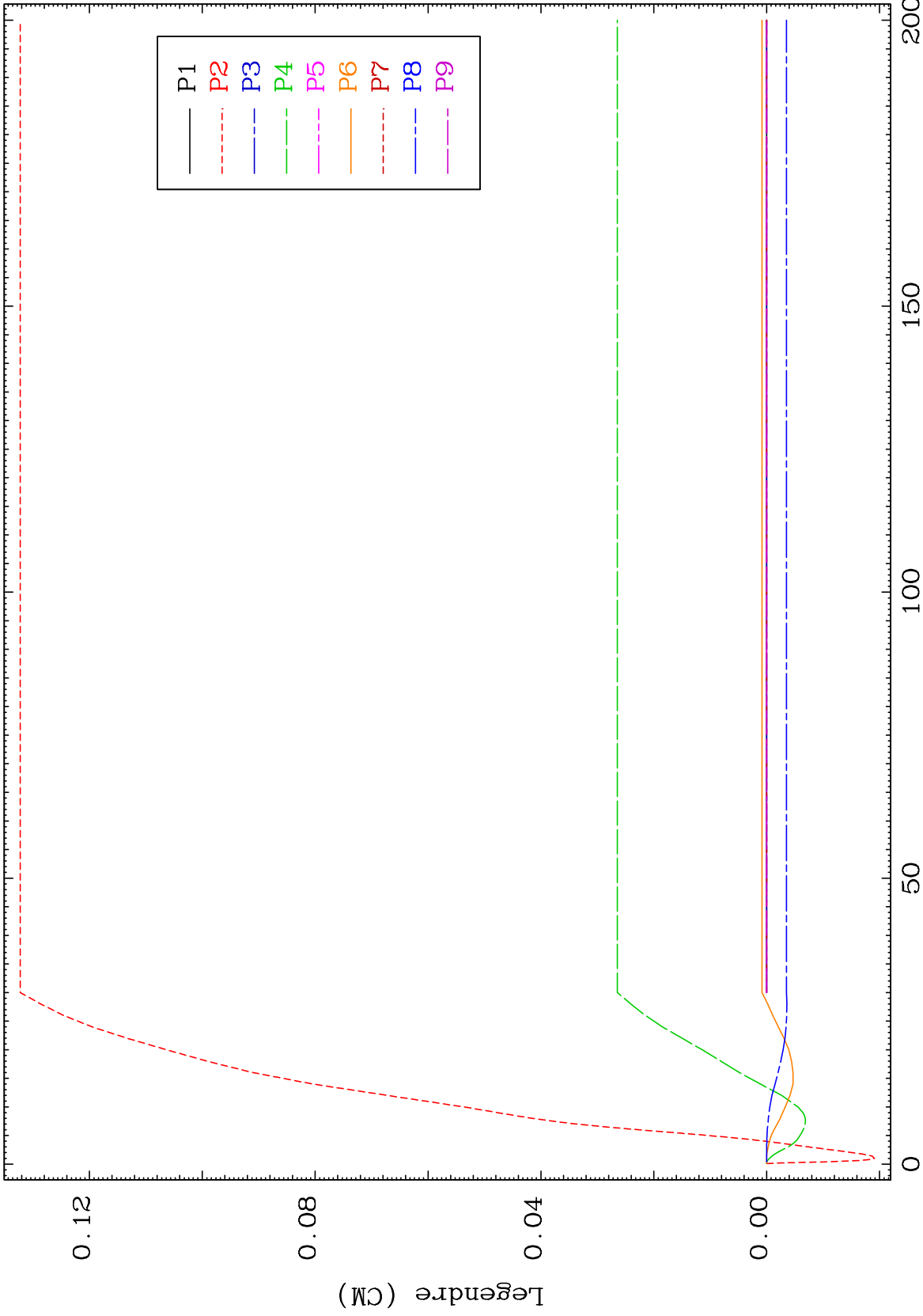
Incident Energy (MeV)

30

MAT 6328

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

63-Eu-152



31

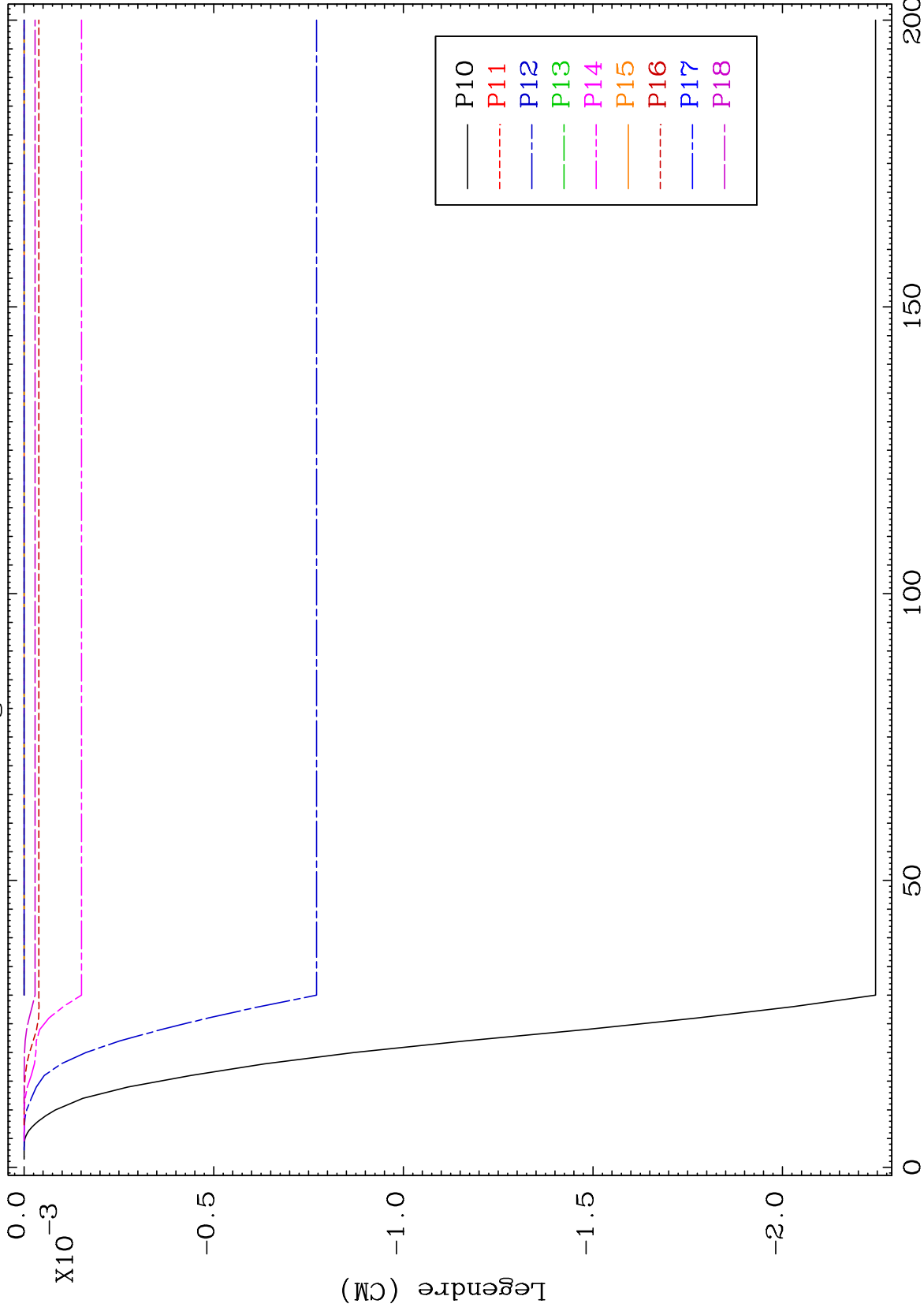
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



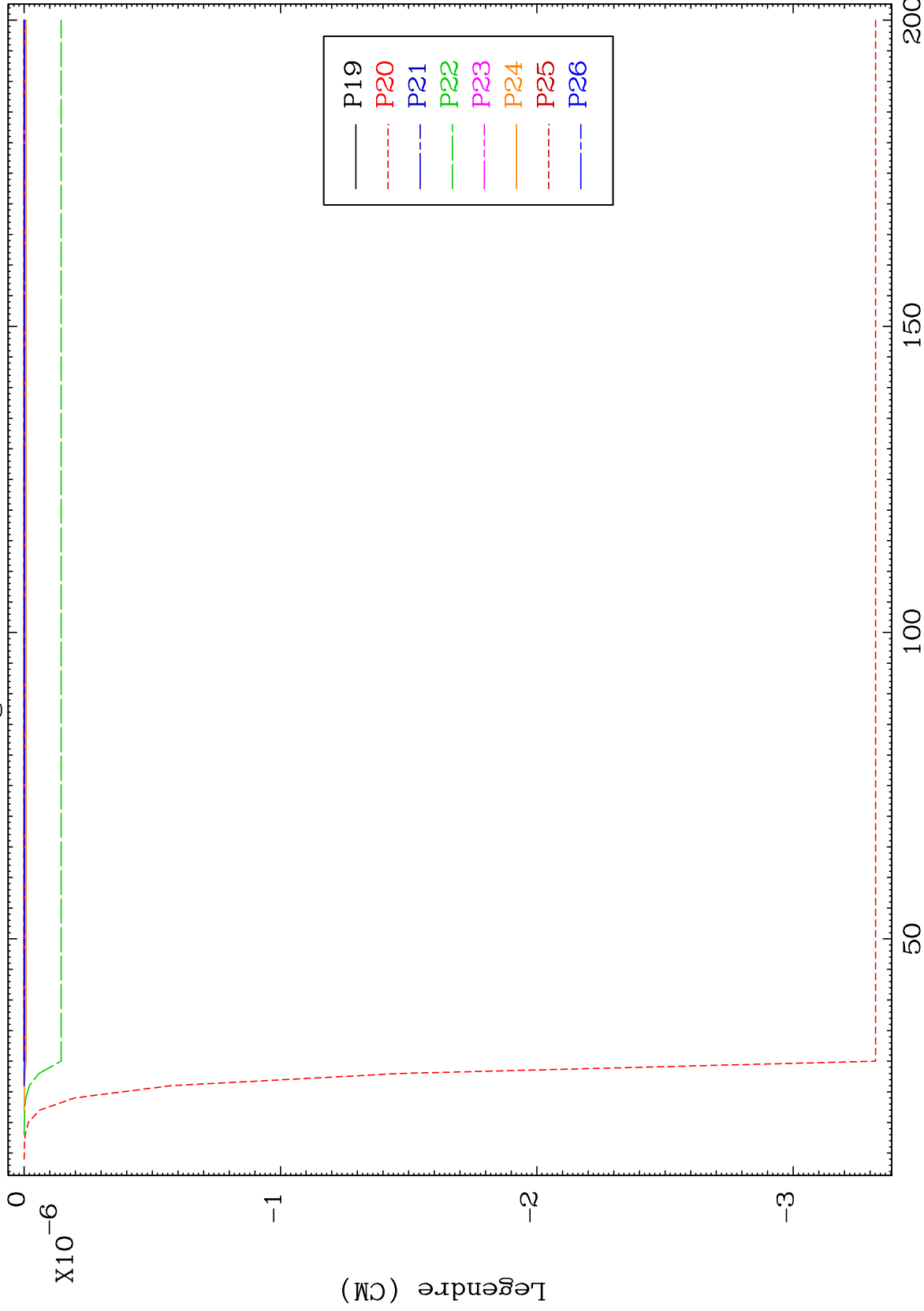
32

63-Eu-152

MAT 6328

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

63-Eu-152



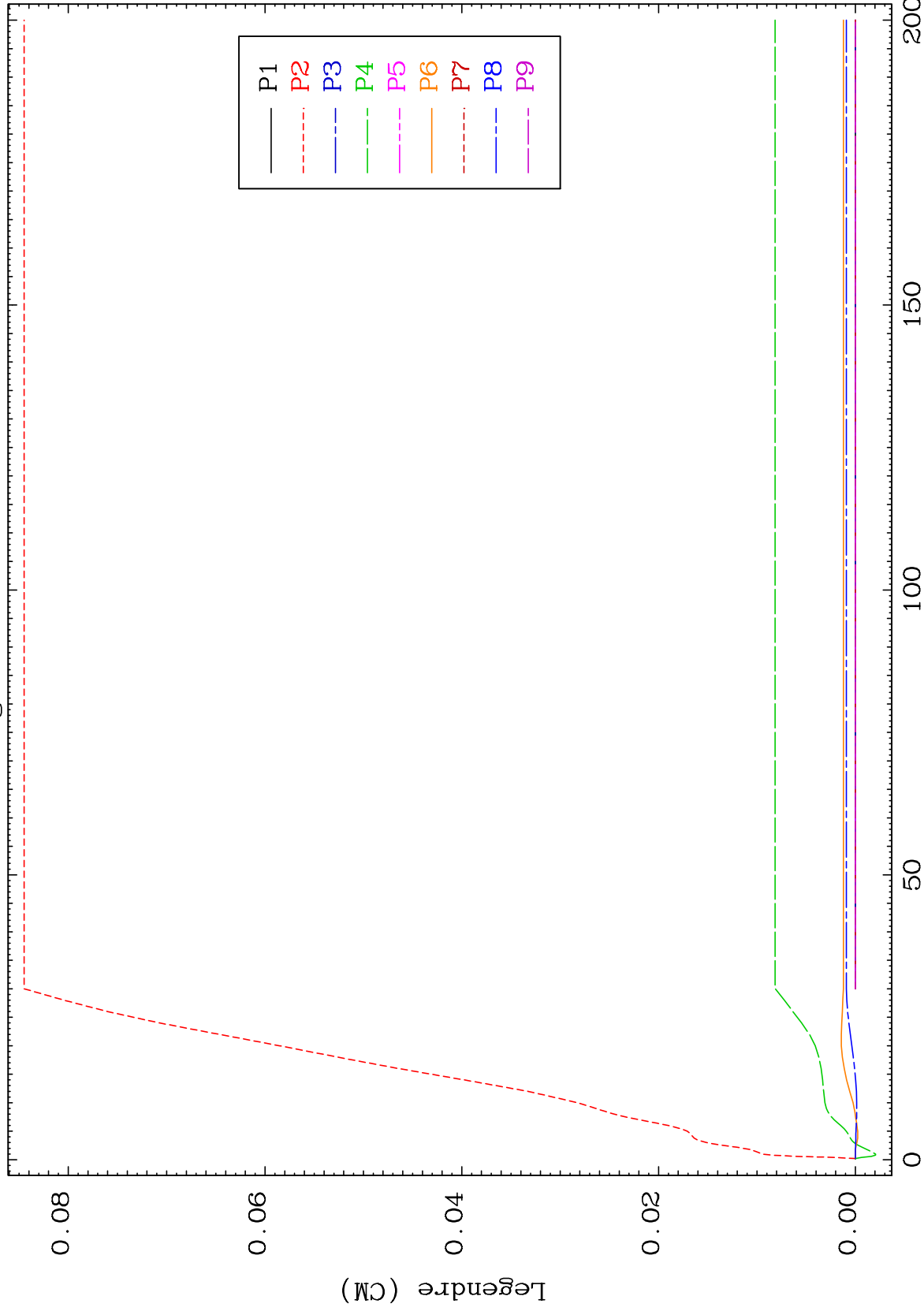
33

63-Eu-152

MAT 6328

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

63-Eu-152



34

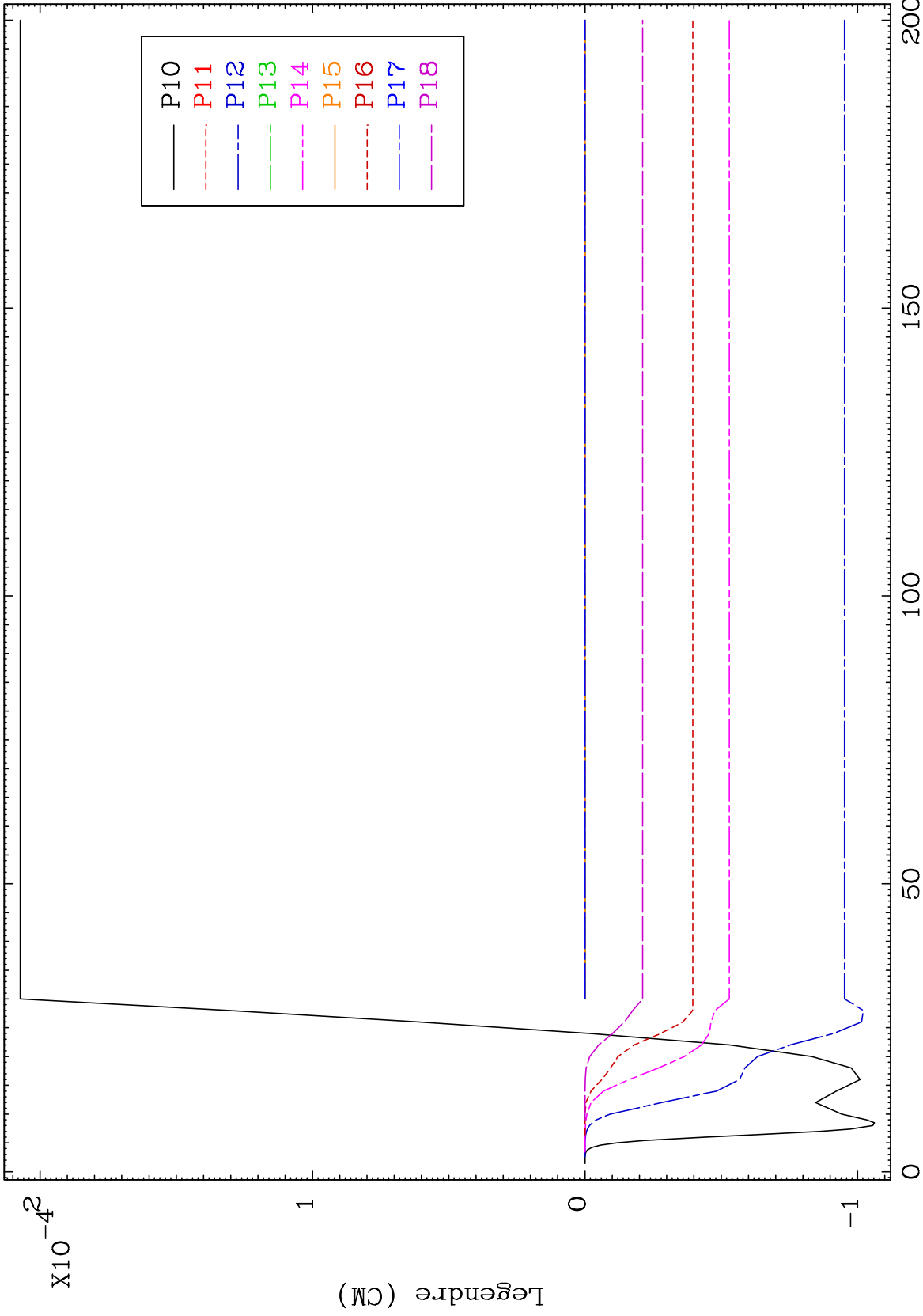
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



35

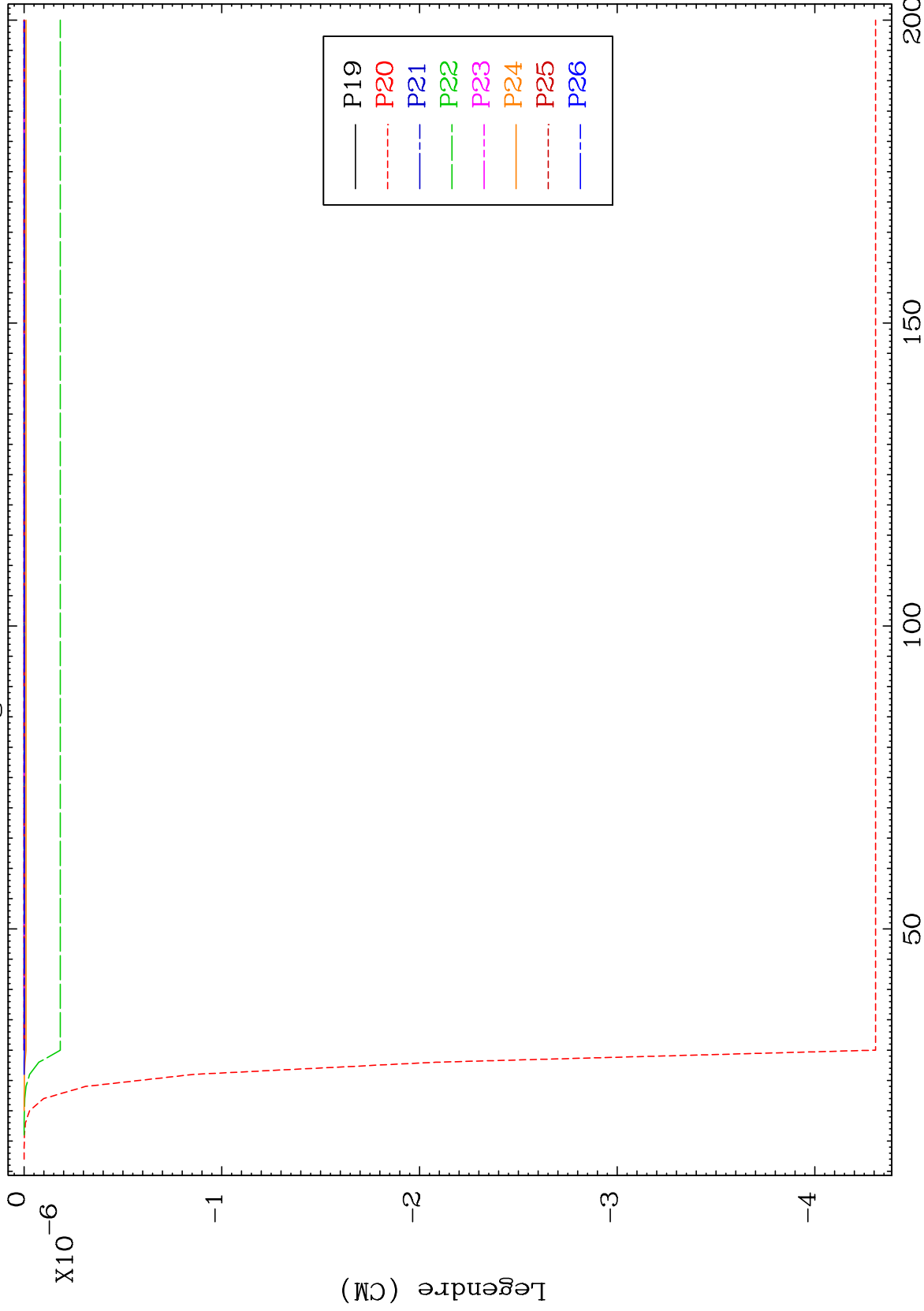
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



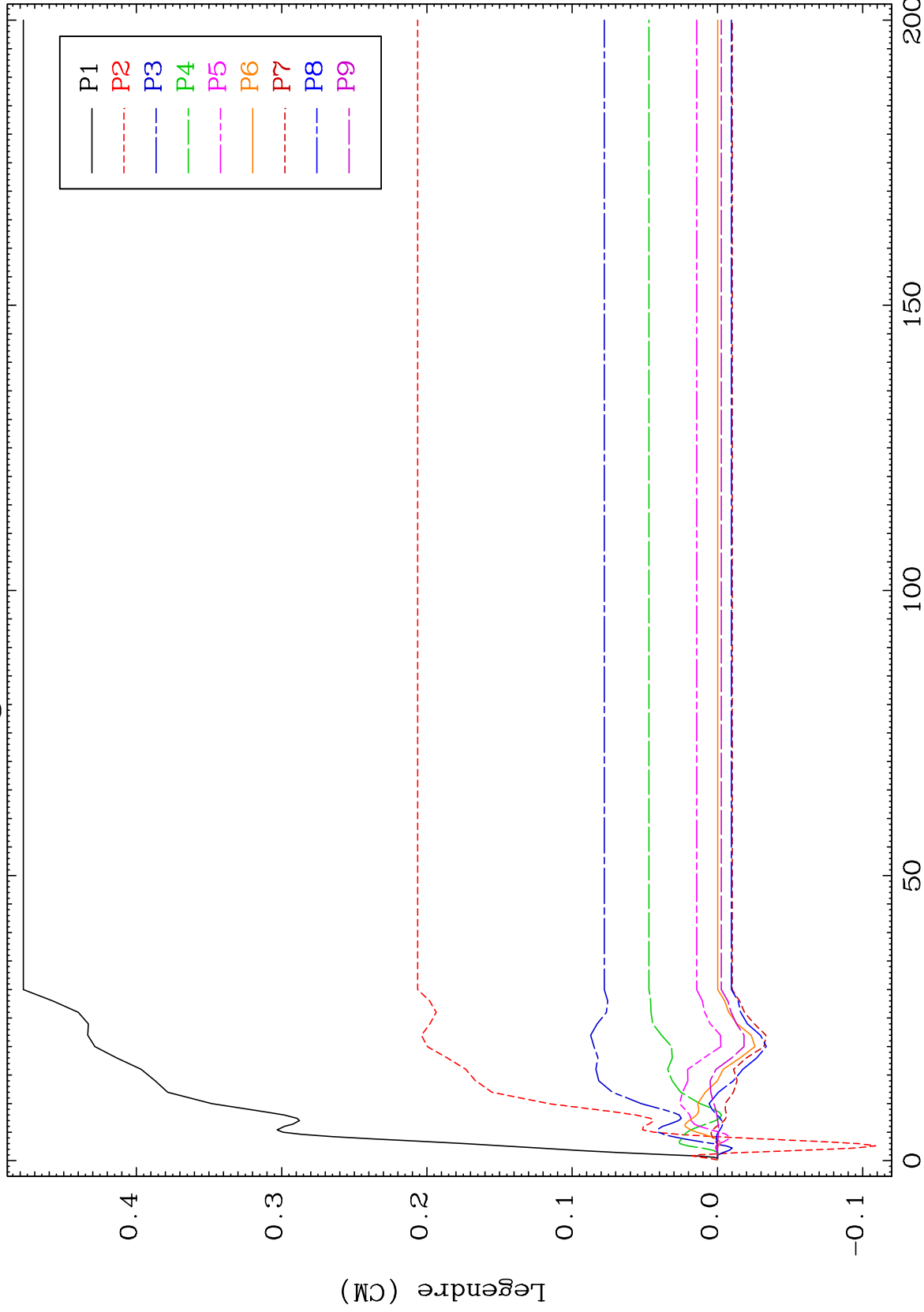
36

63-Eu-152

MAT 6328

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

63-Eu-152



37

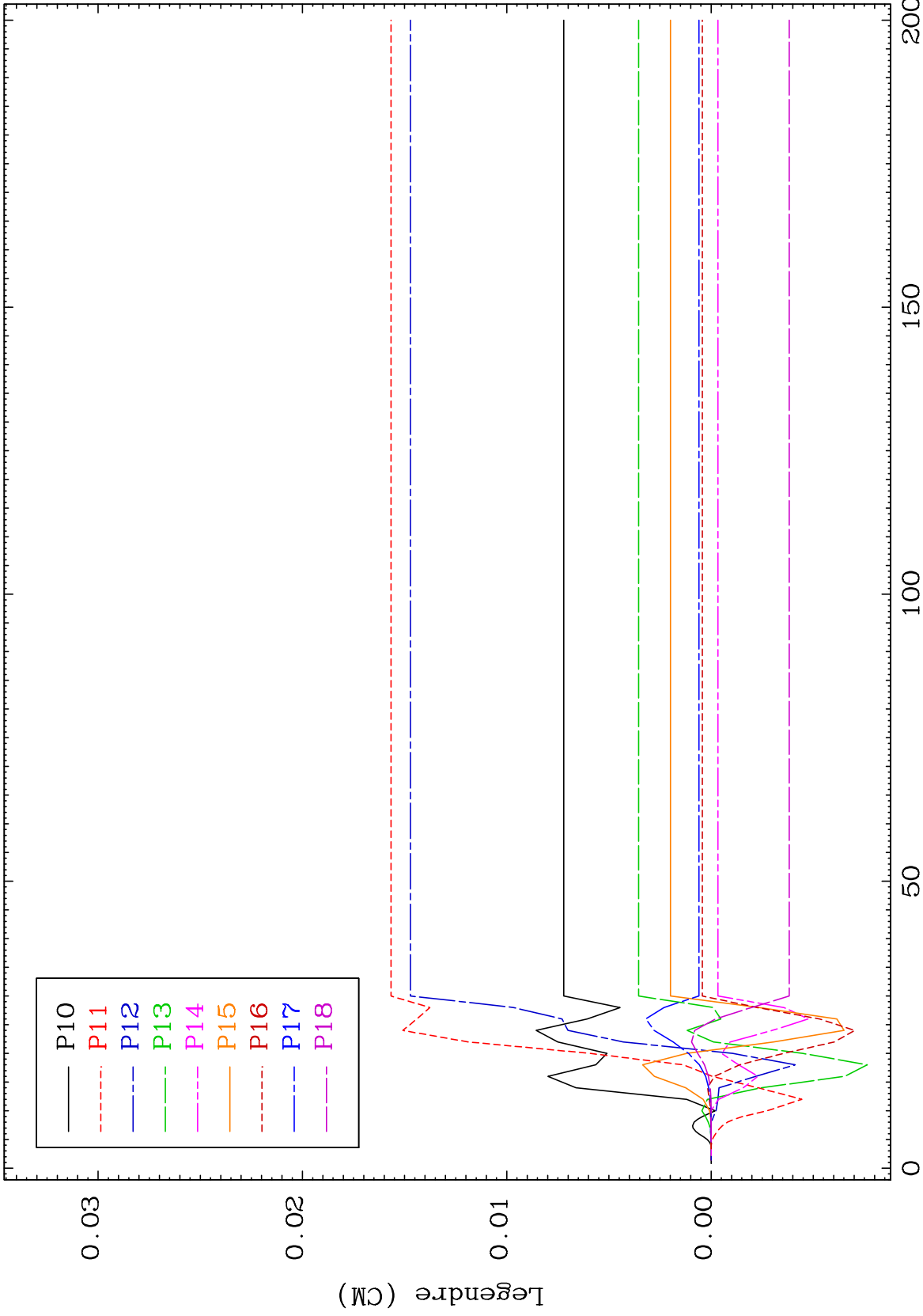
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



38

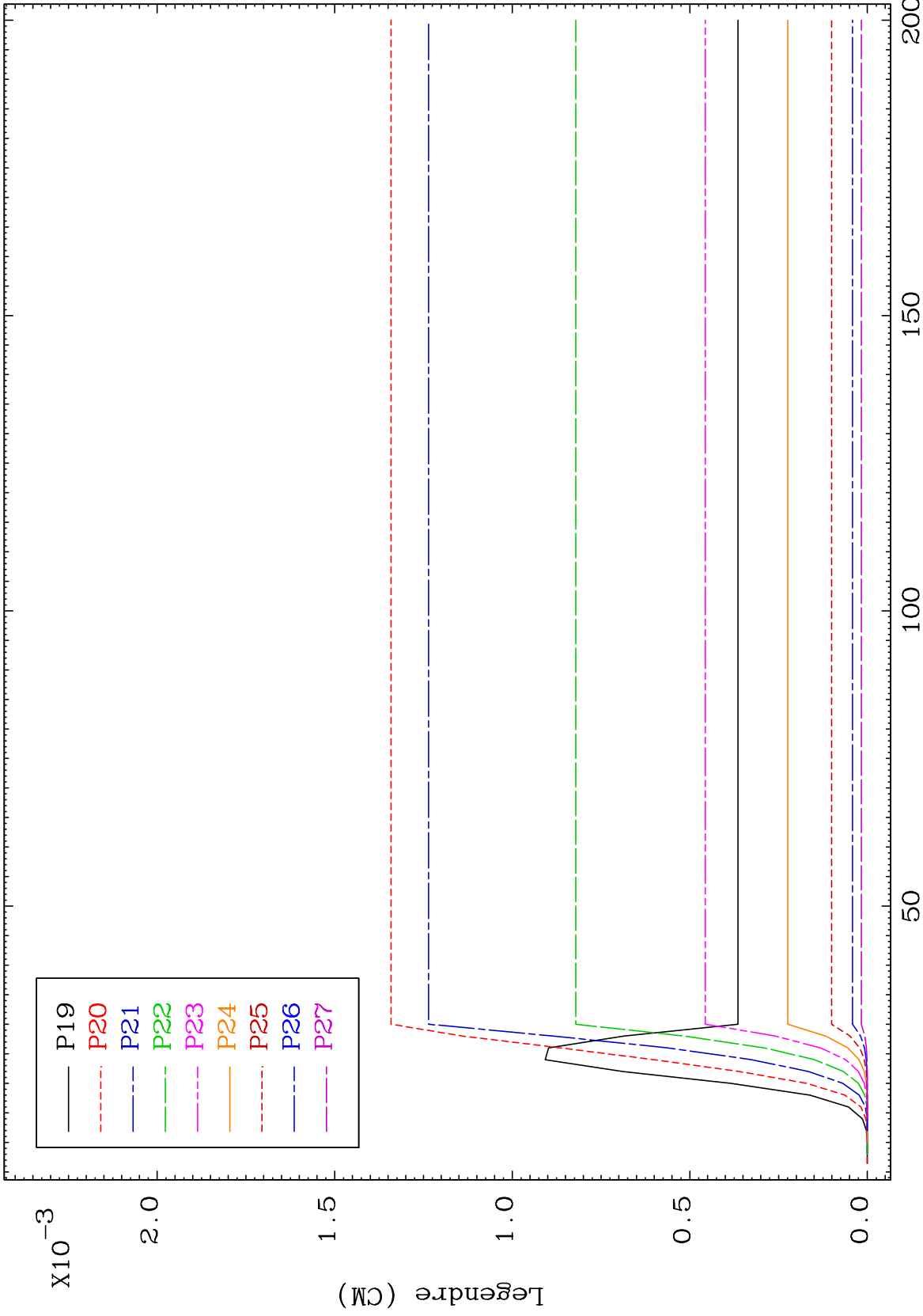
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



39

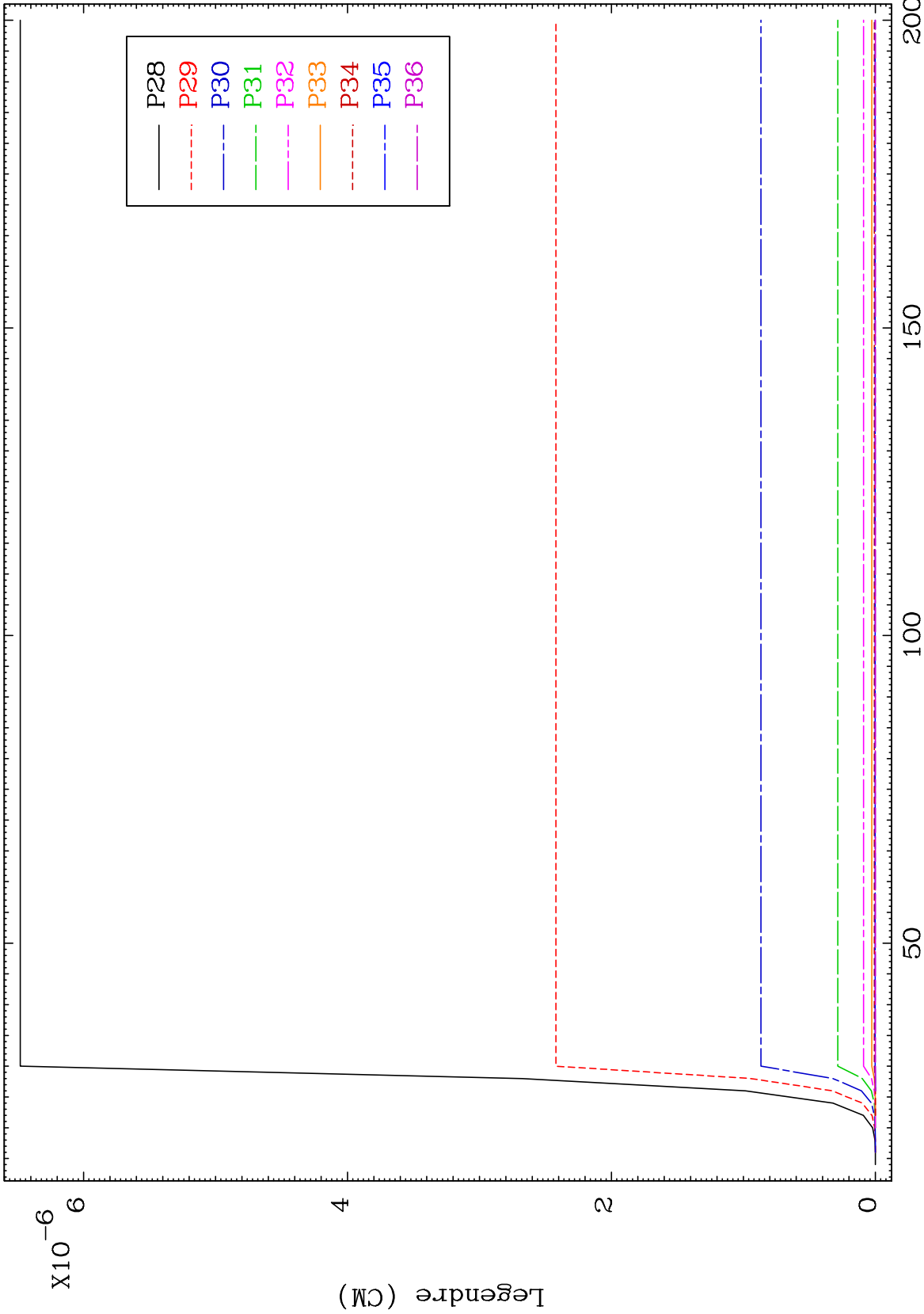
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



40

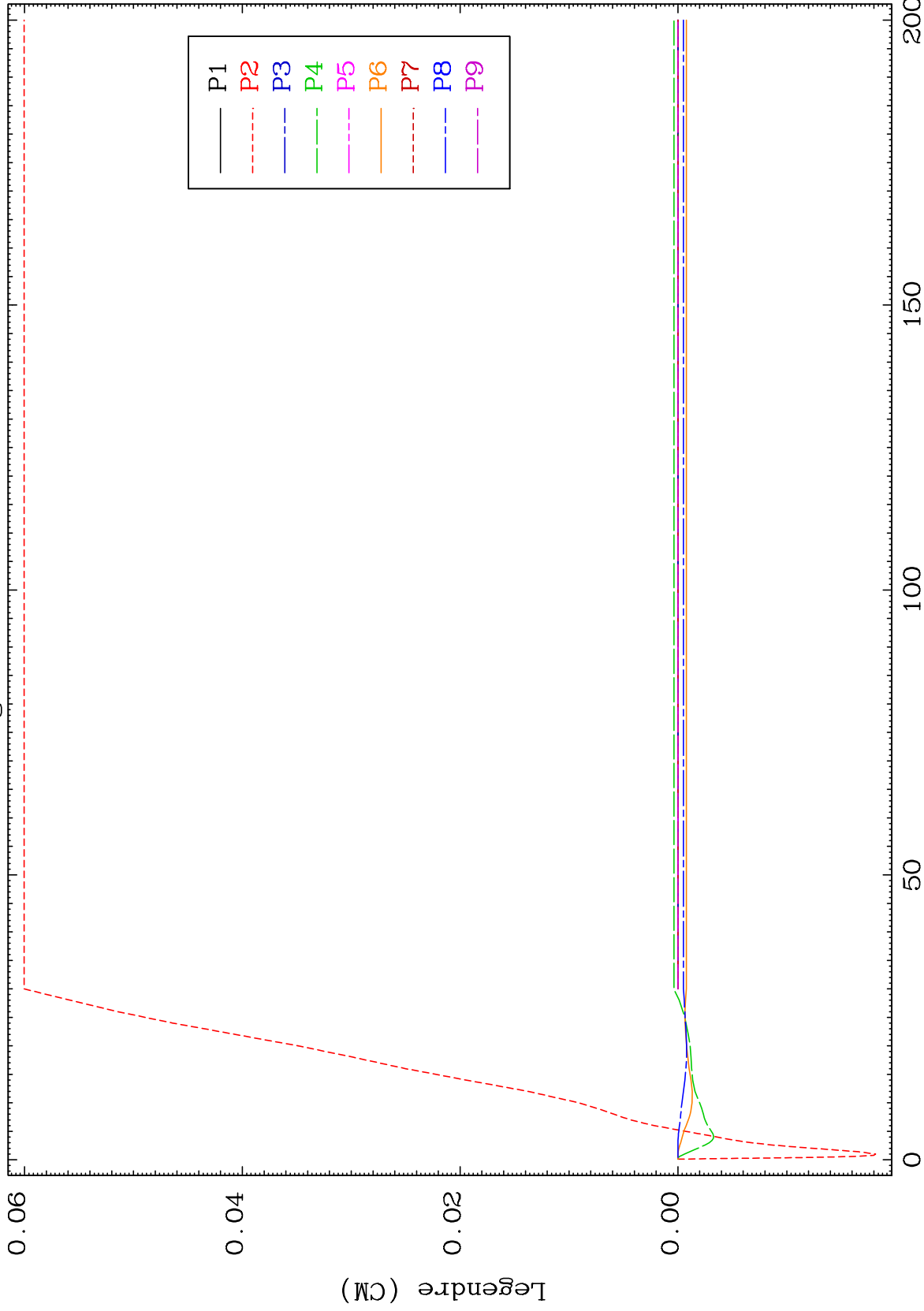
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



41

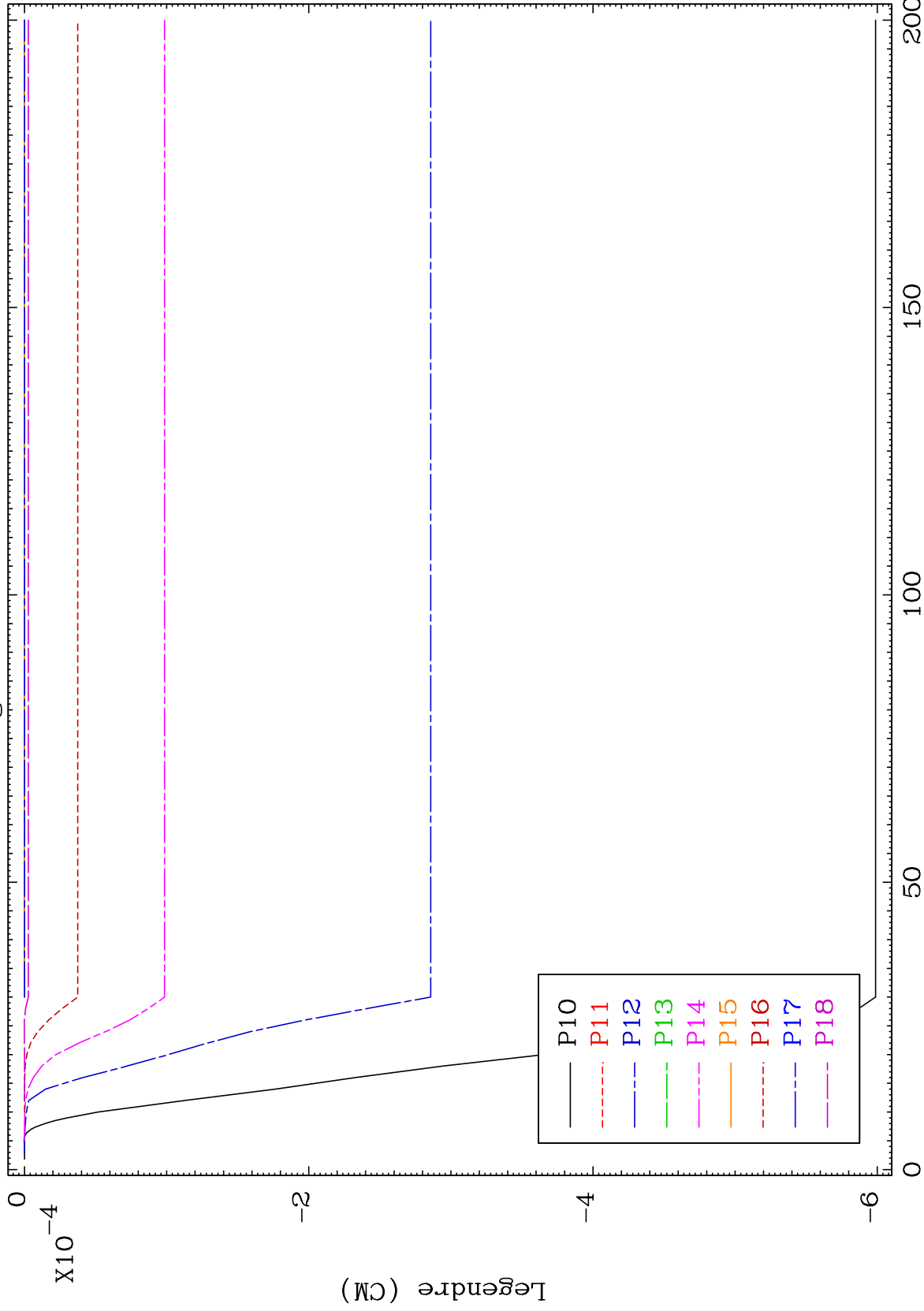
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



42

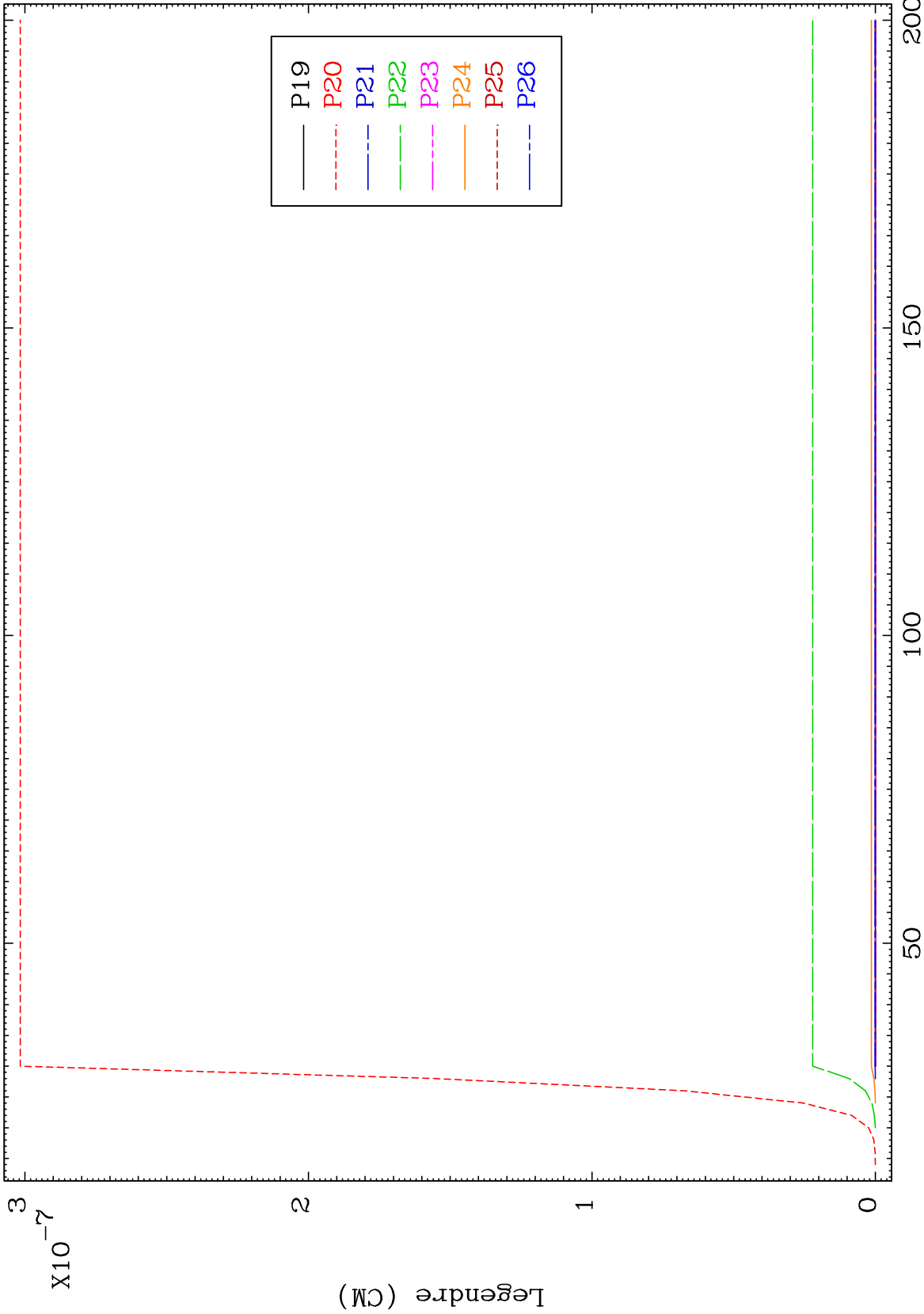
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



43

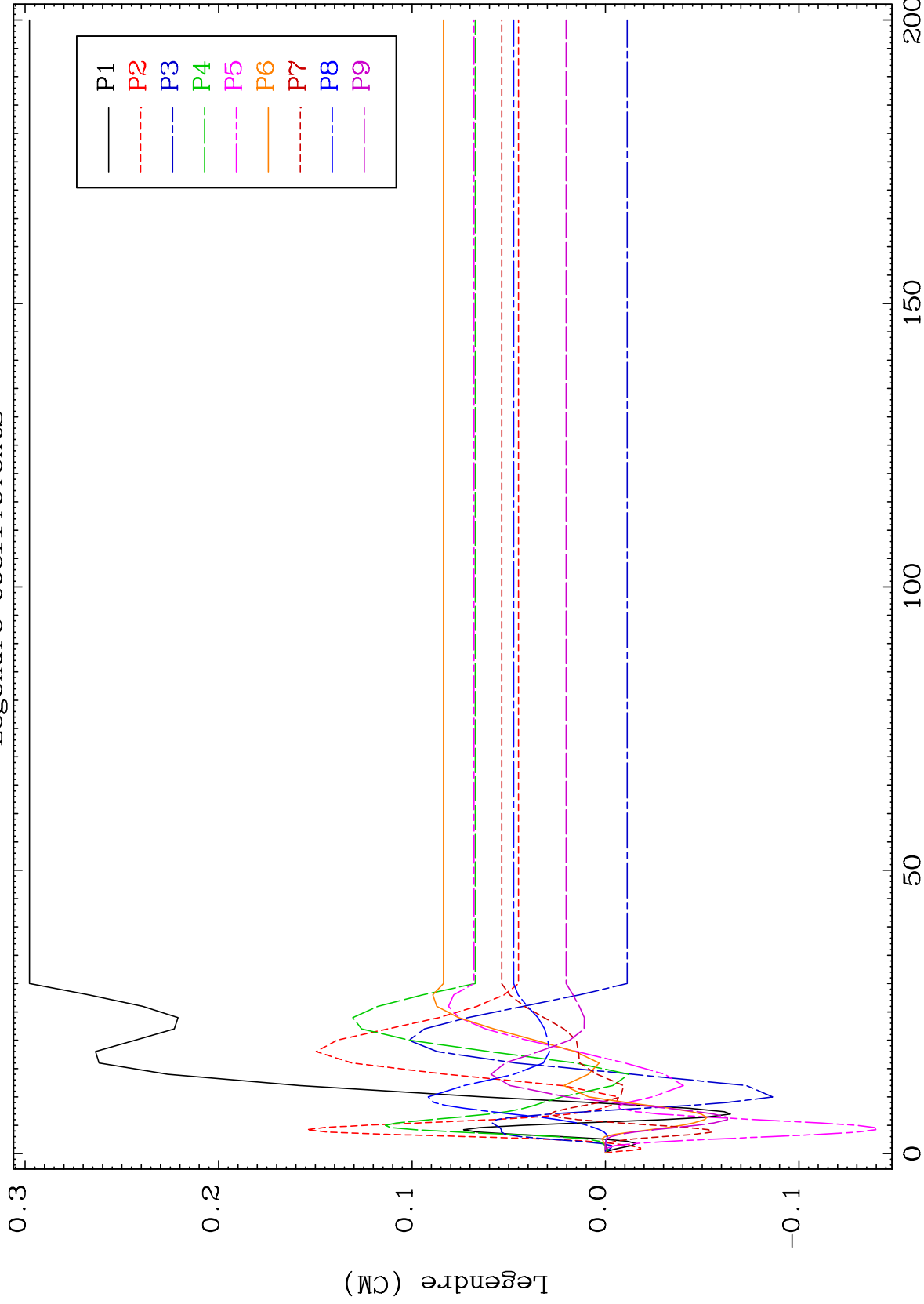
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



44

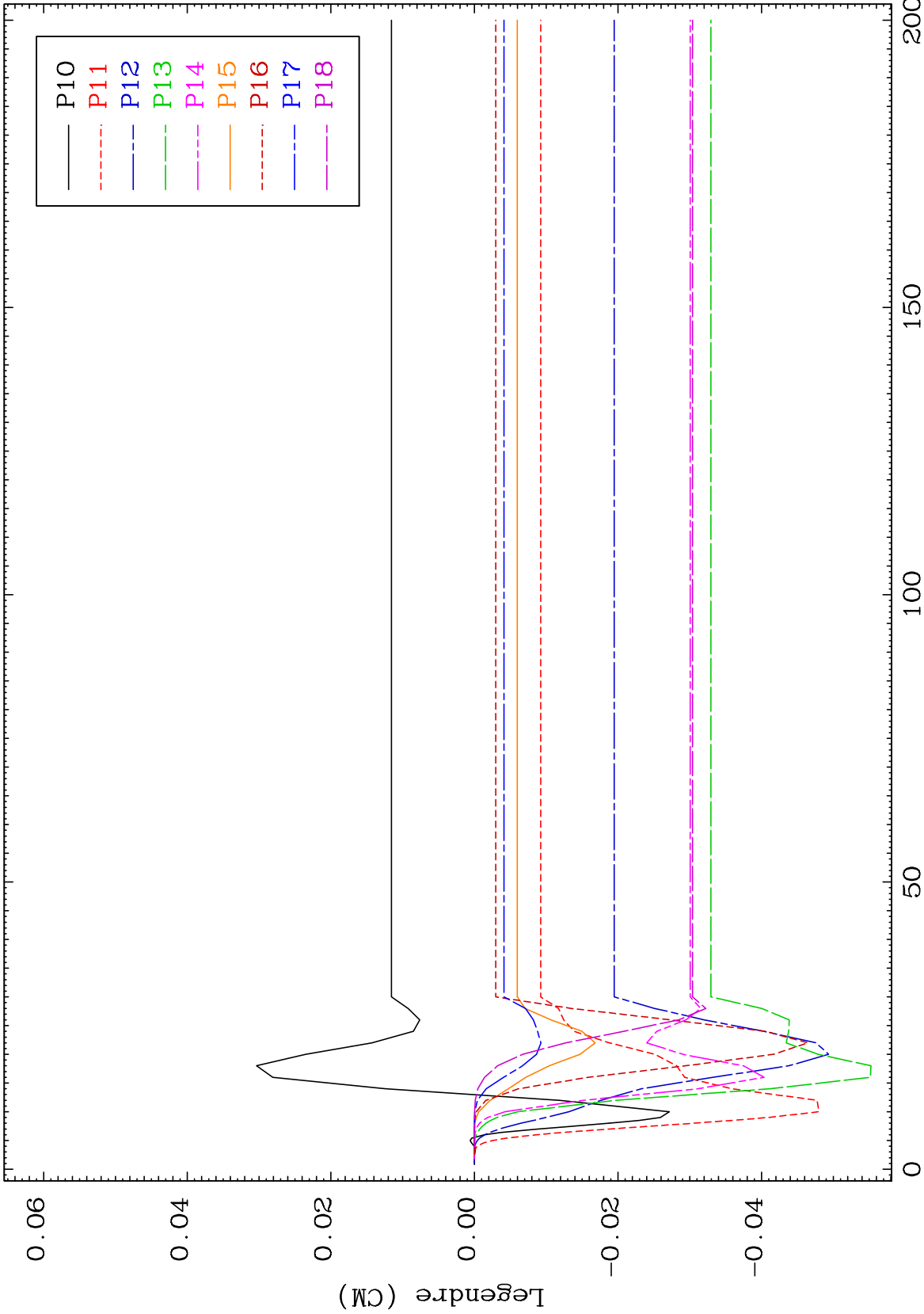
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



45

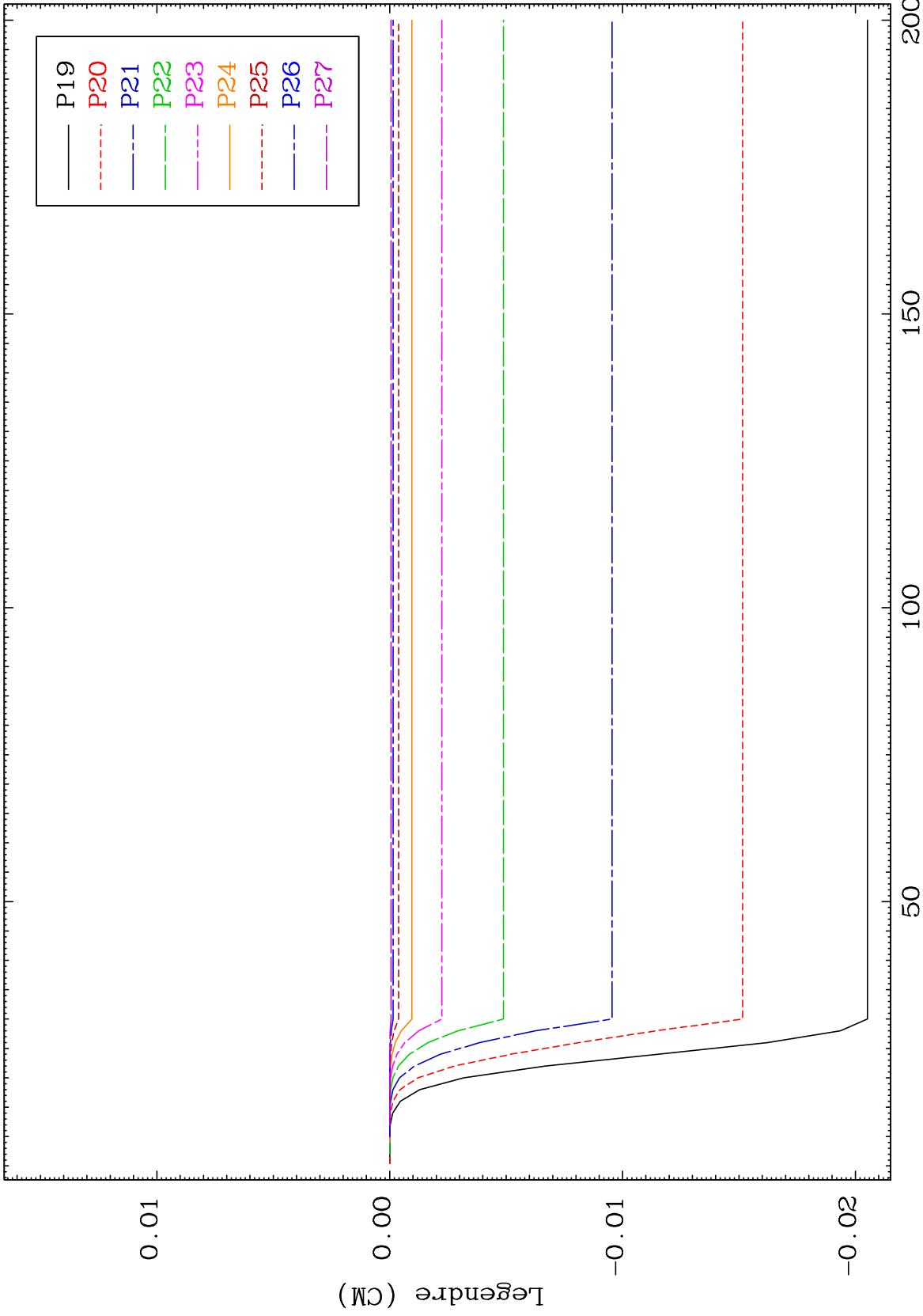
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



46

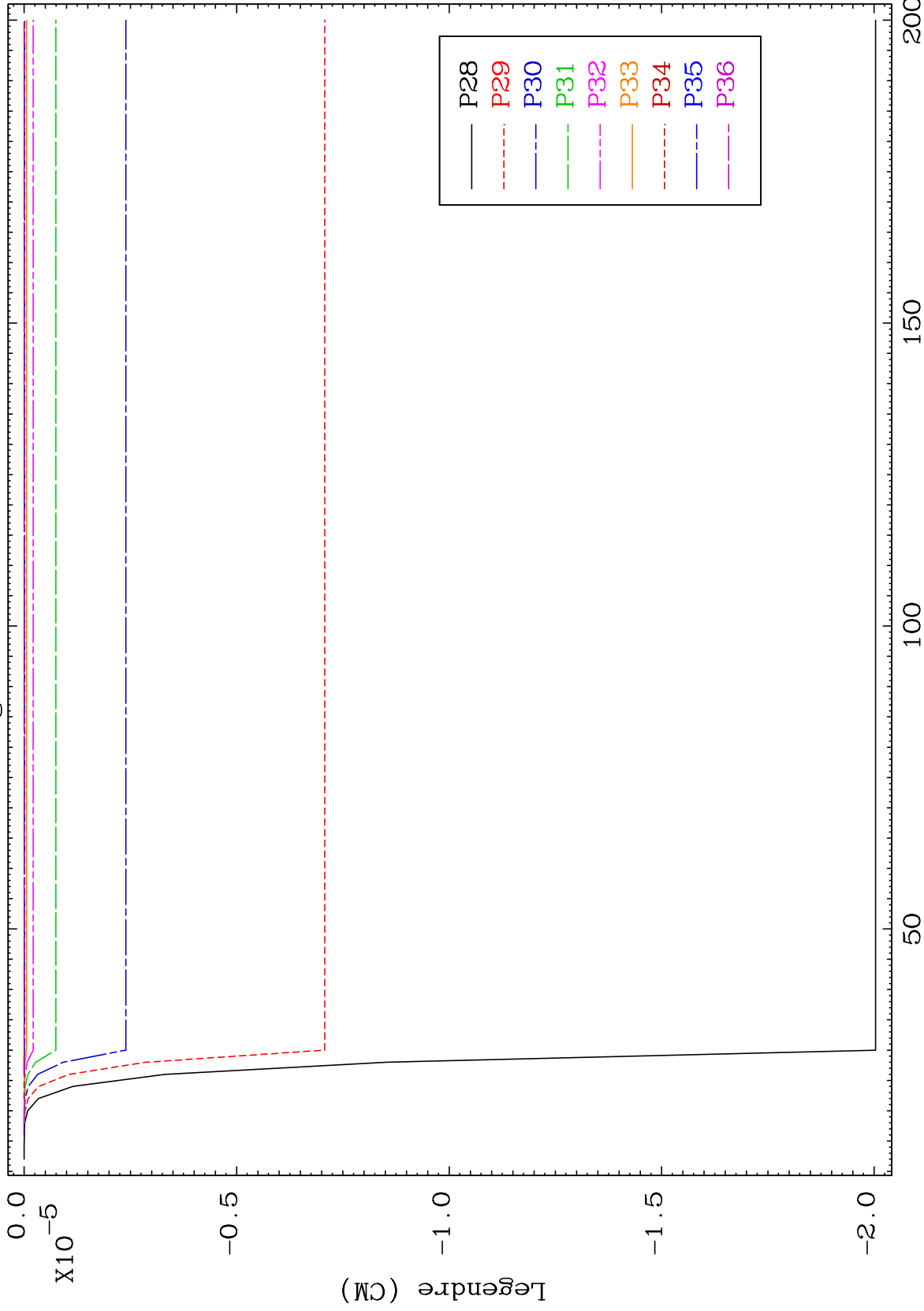
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



63-Eu-152

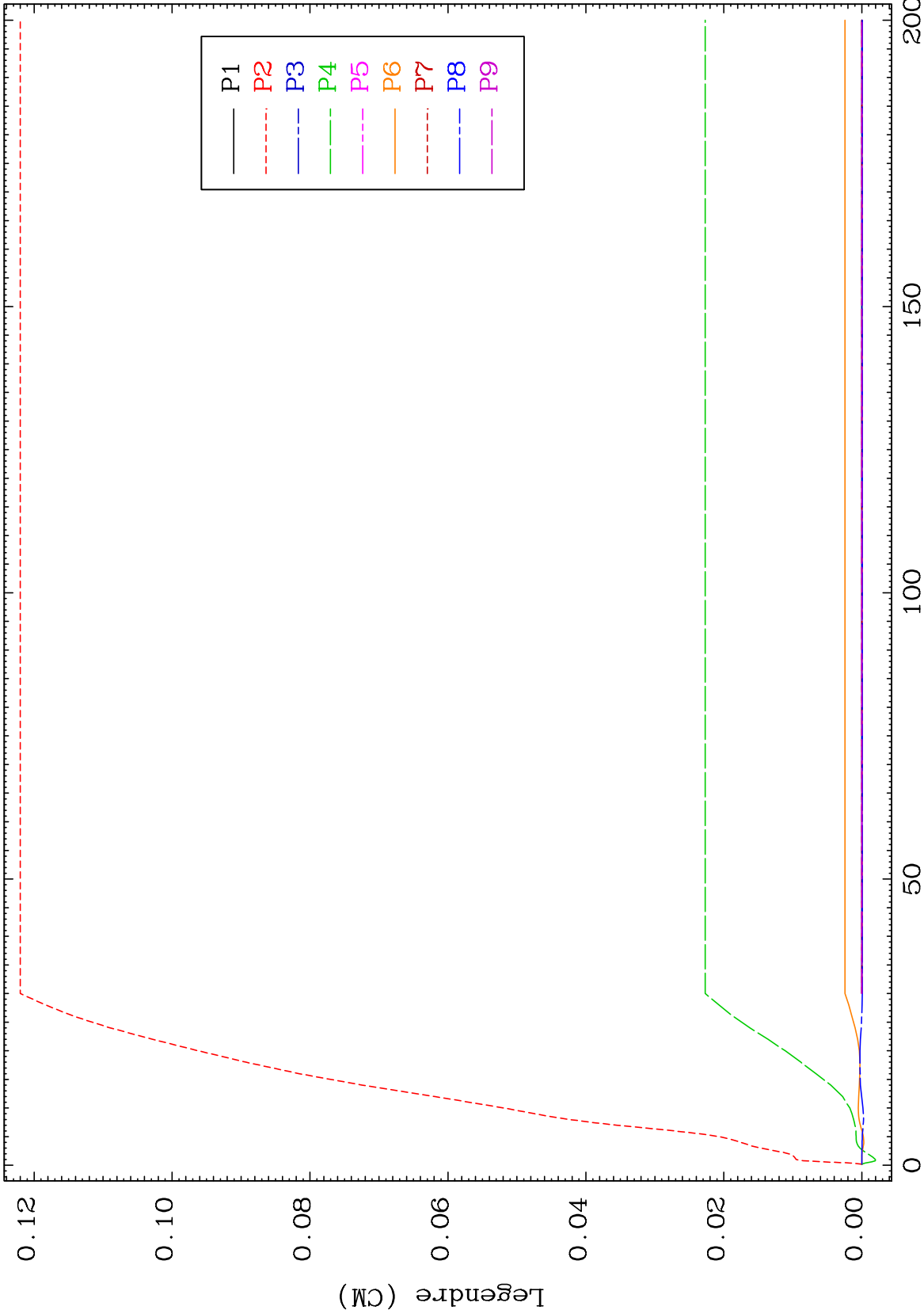
Incident Energy (MeV)

47

MAT 6328

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

63-Eu-152



48

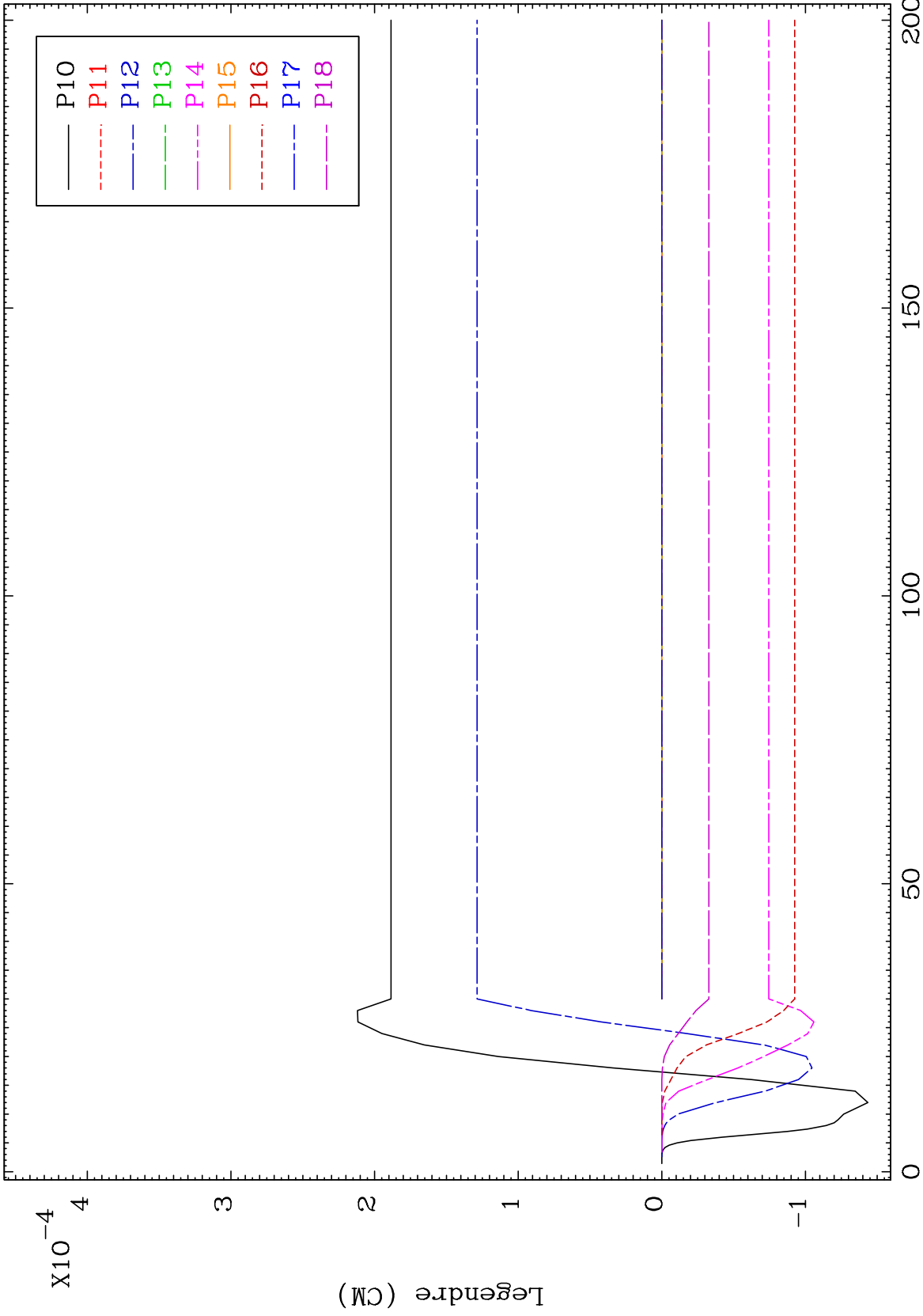
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



49

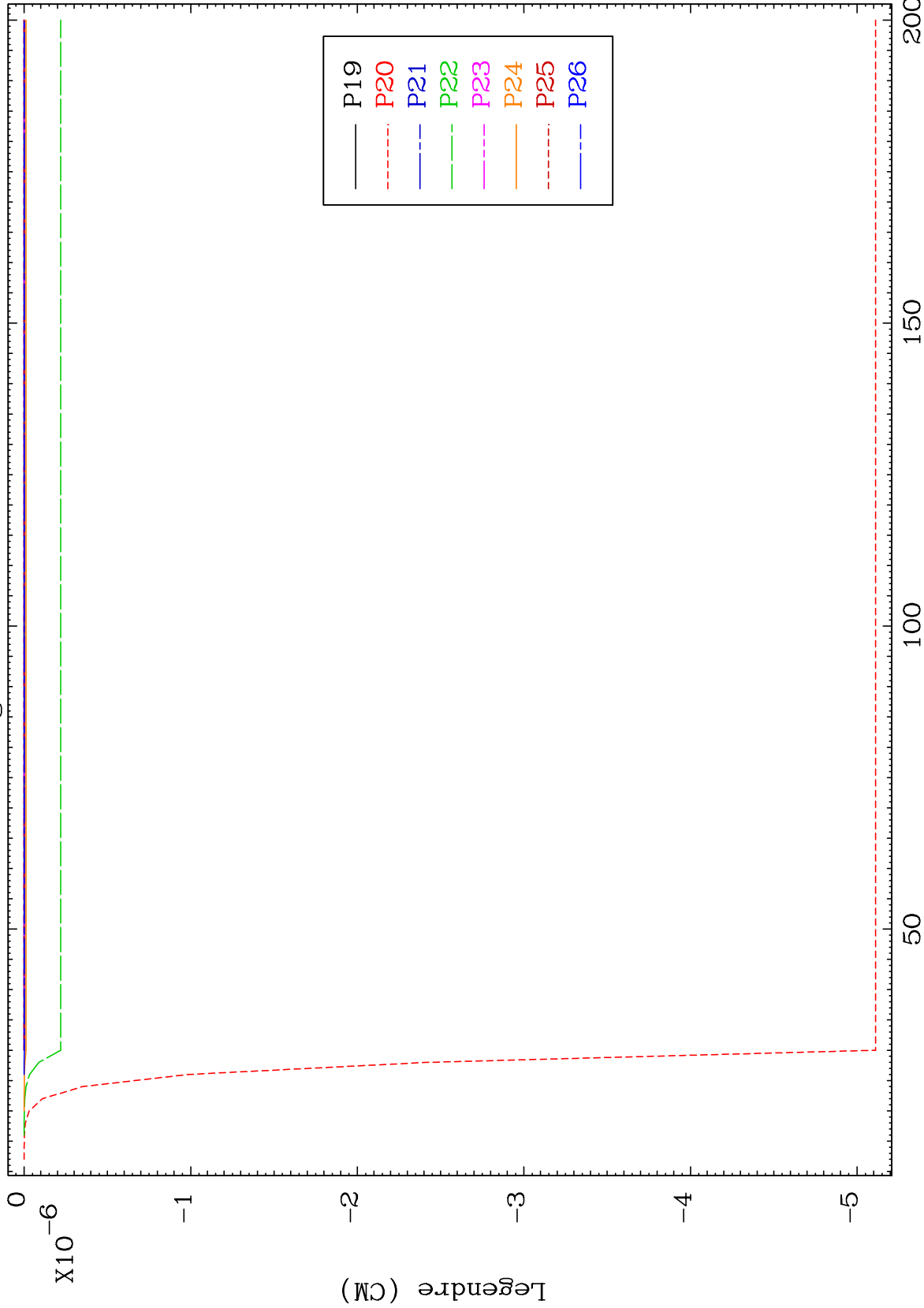
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



50

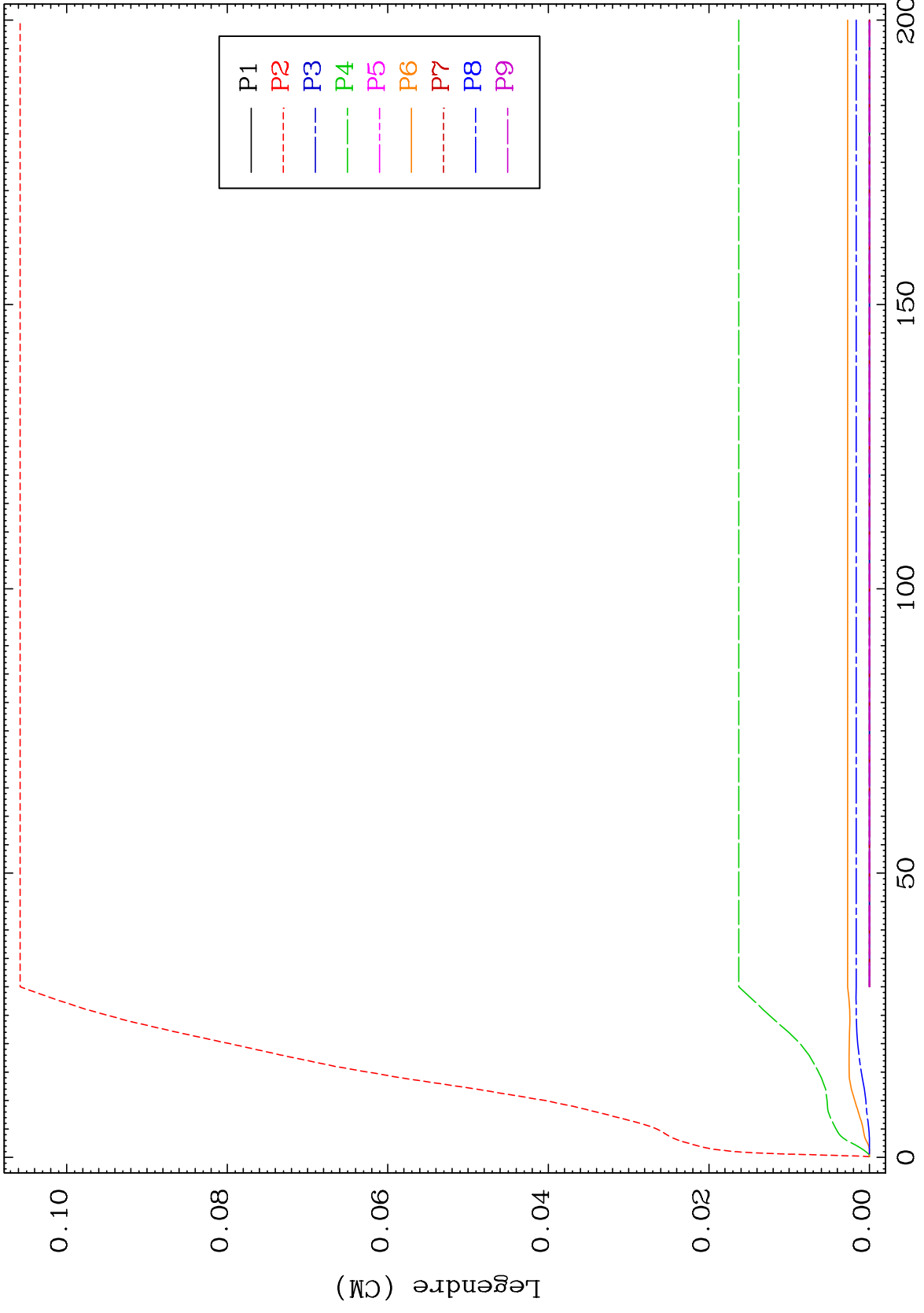
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



51

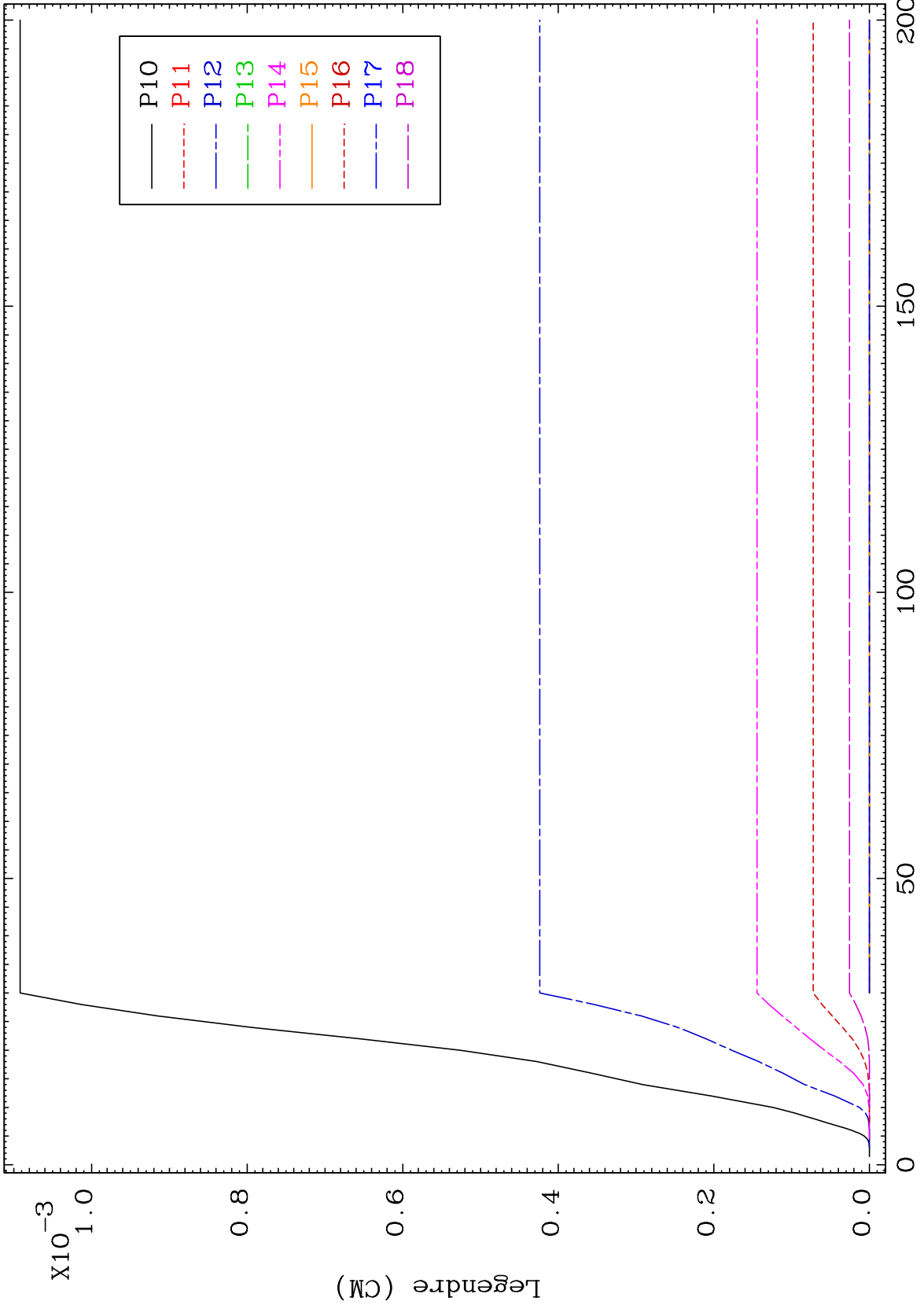
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



52

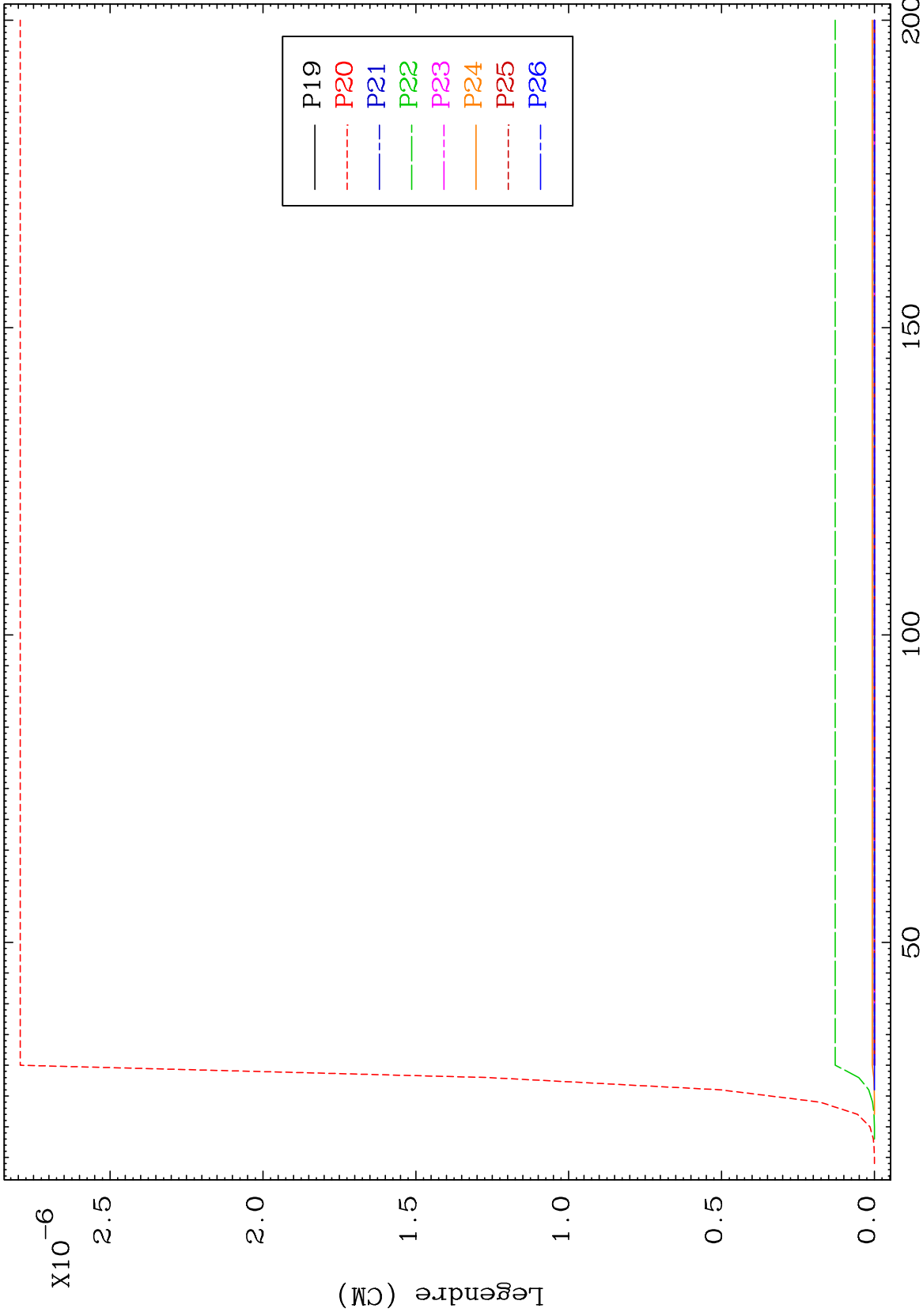
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



53

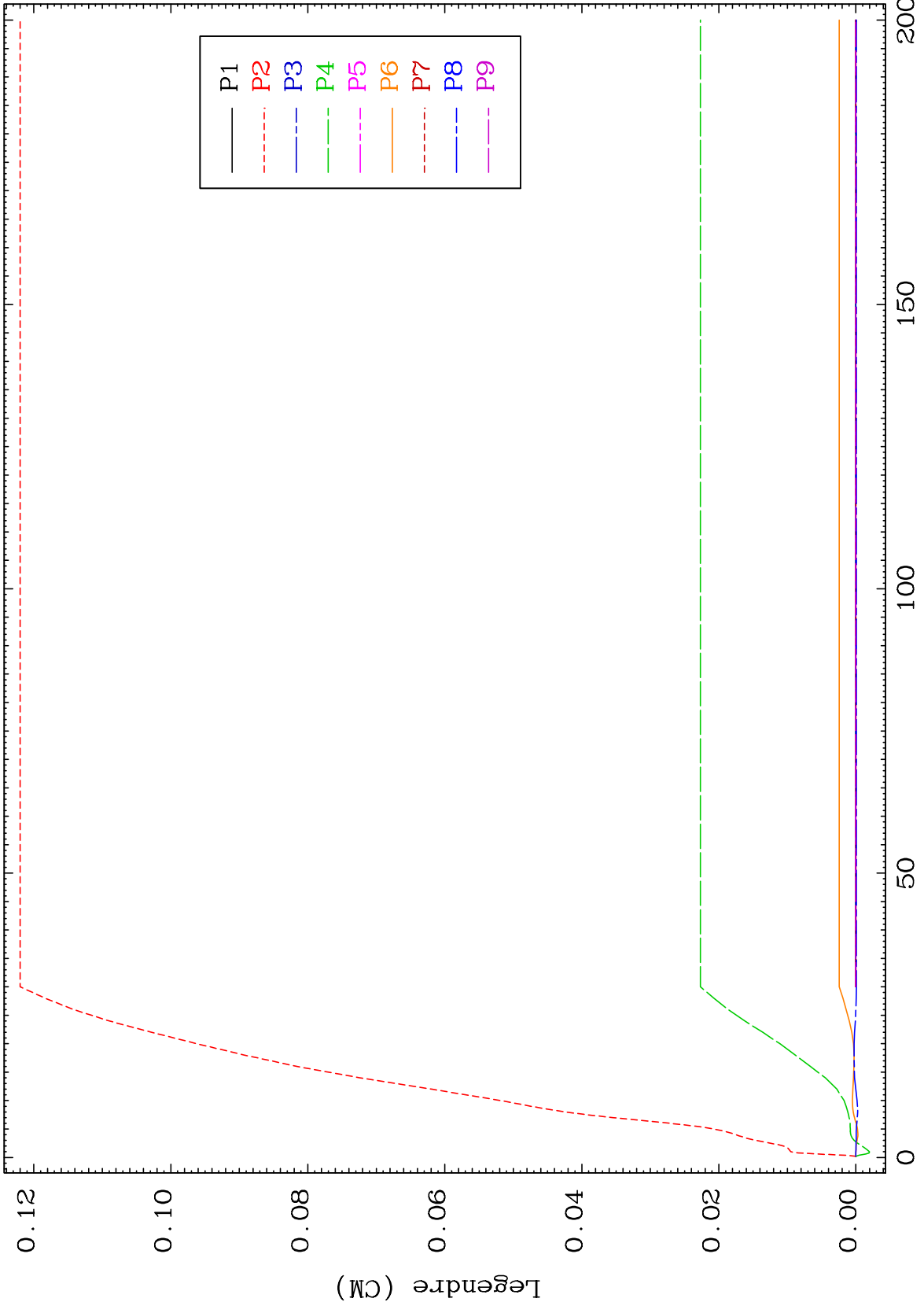
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



54

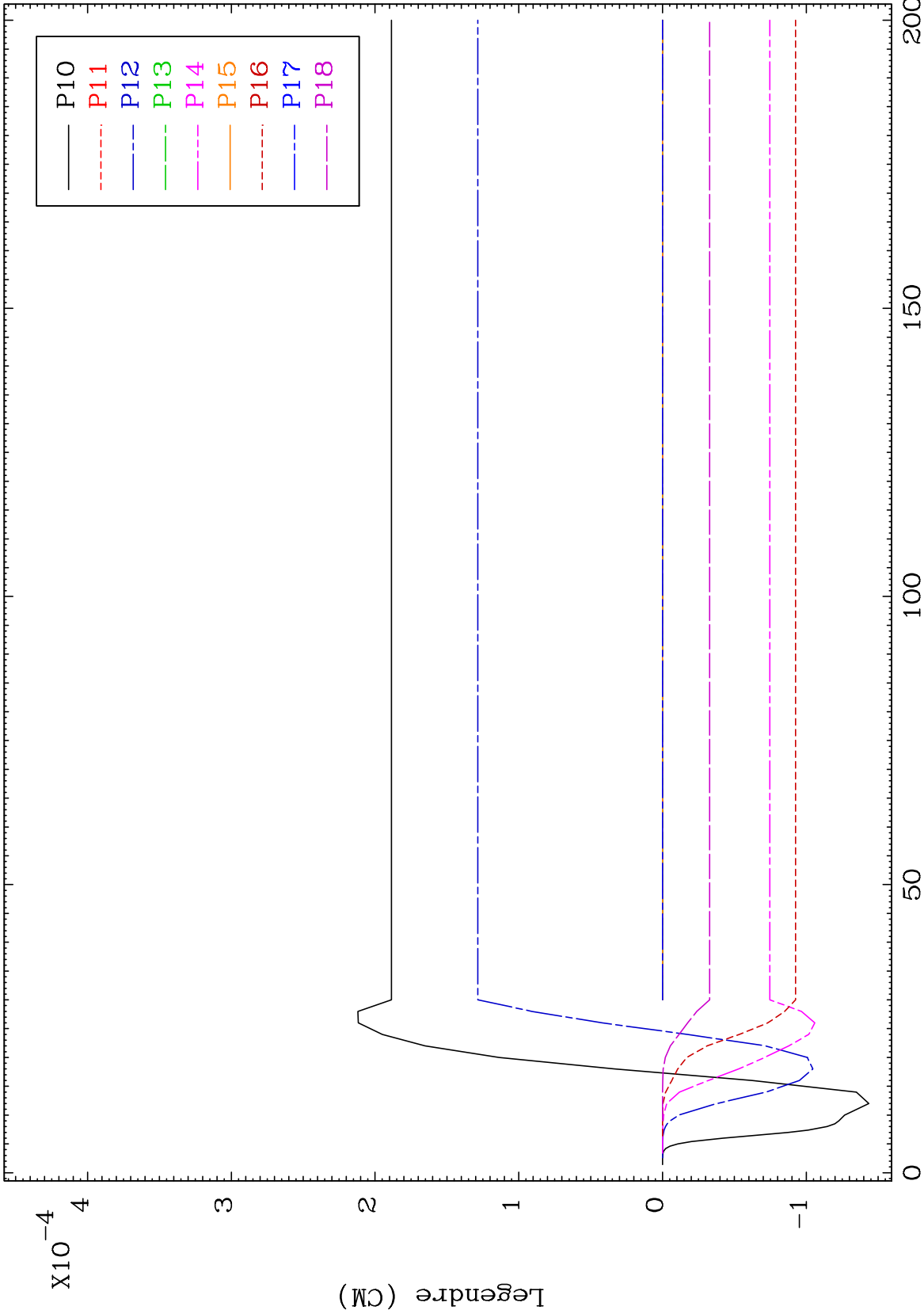
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



55

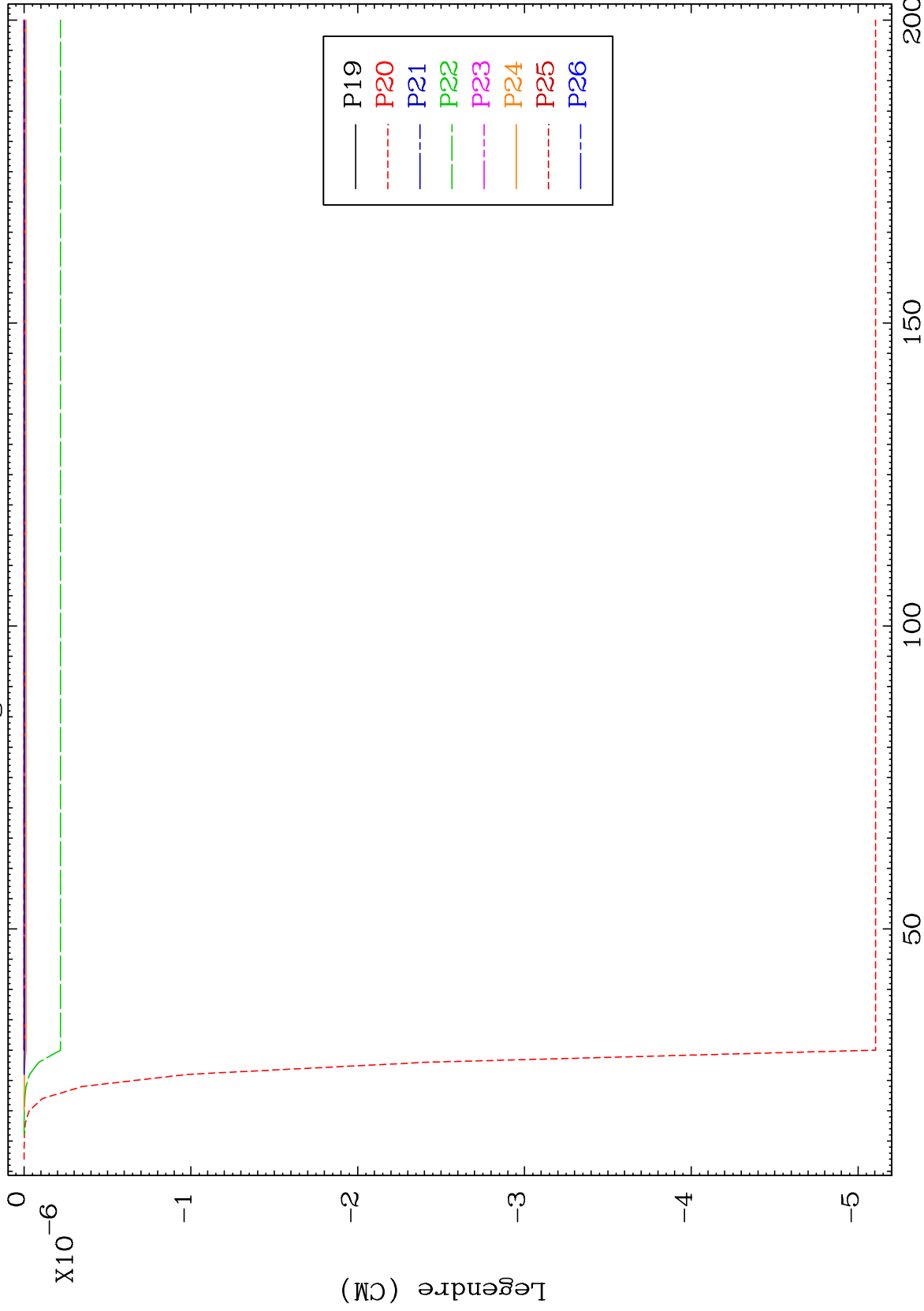
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



56

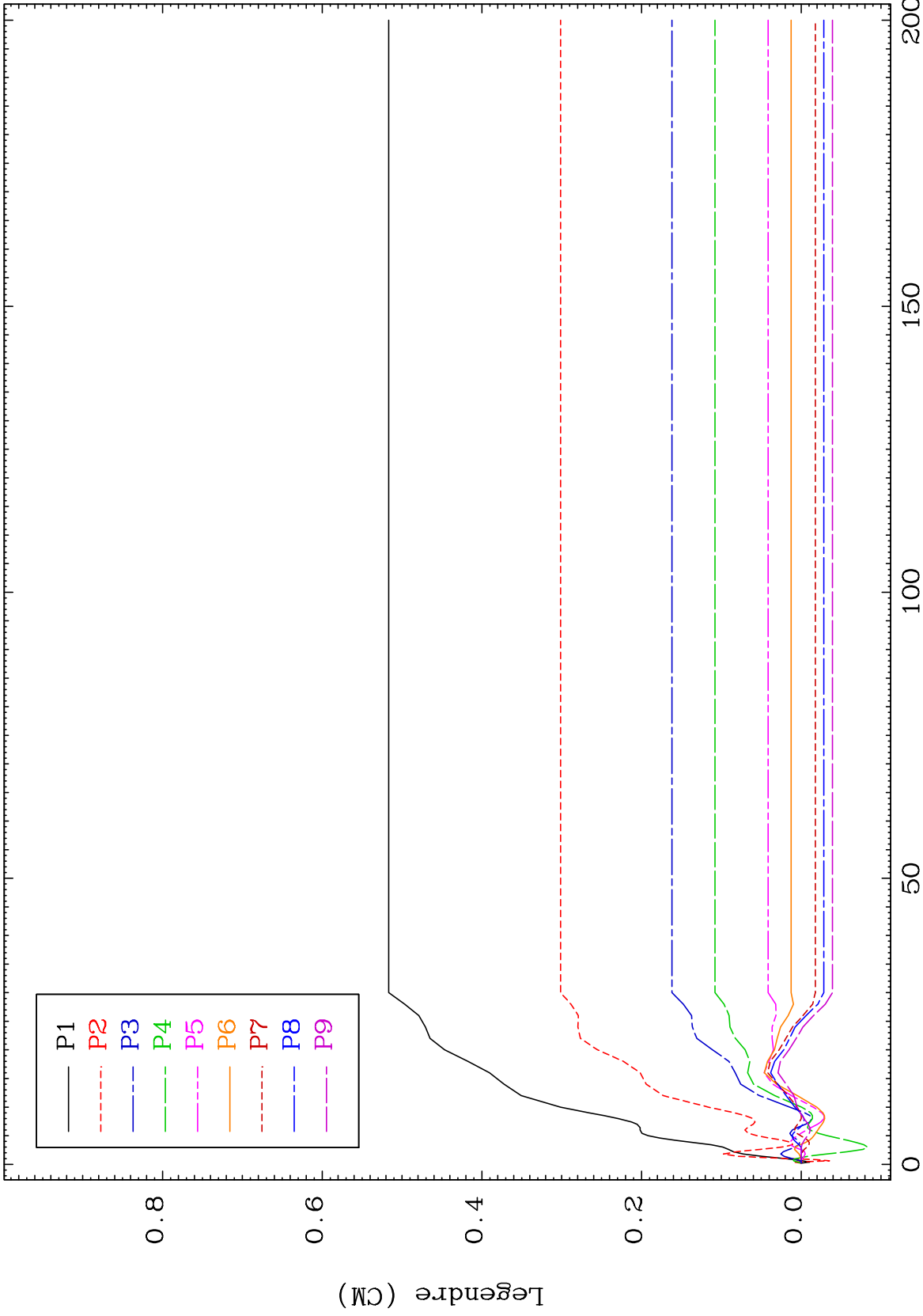
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



57

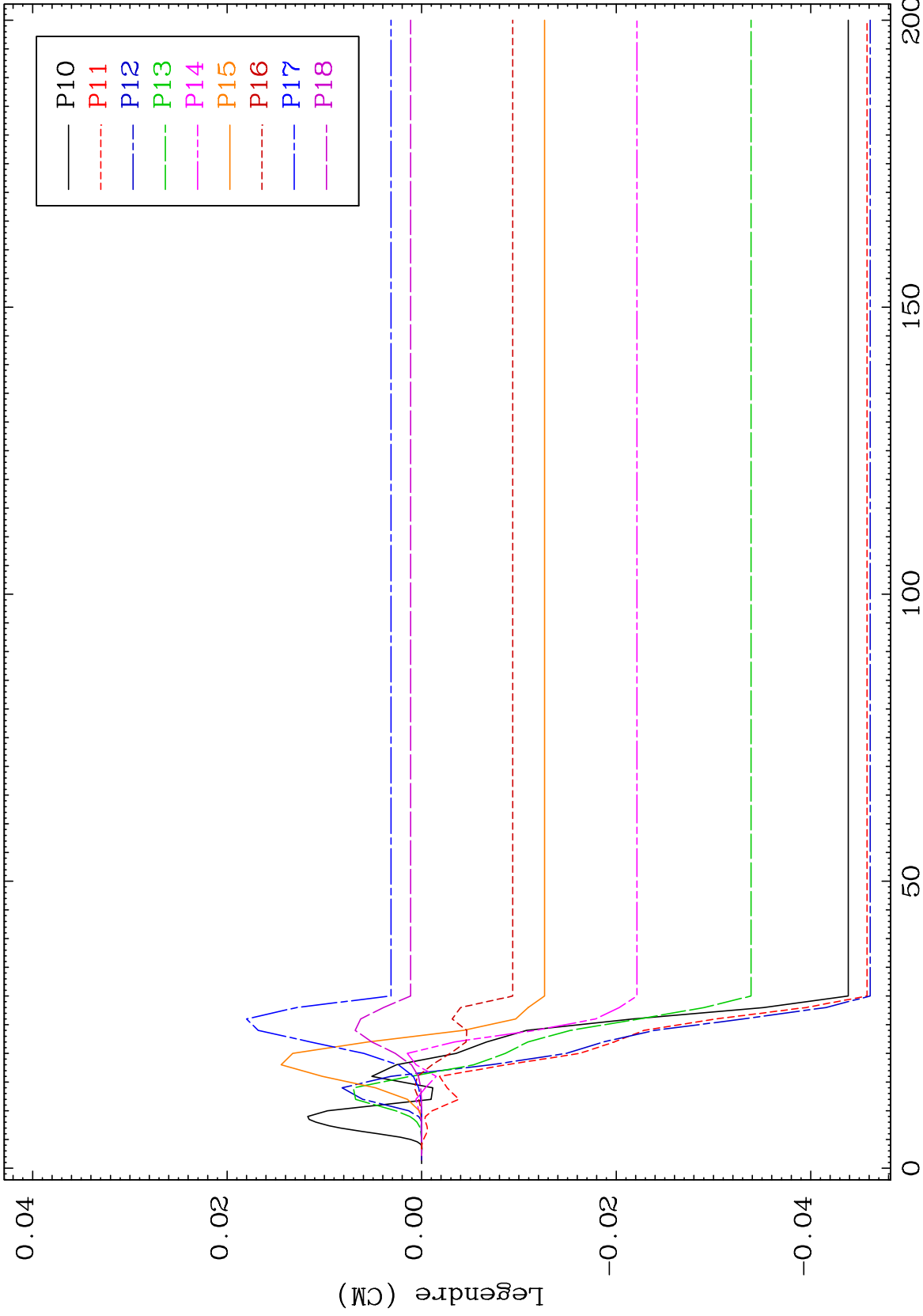
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



58

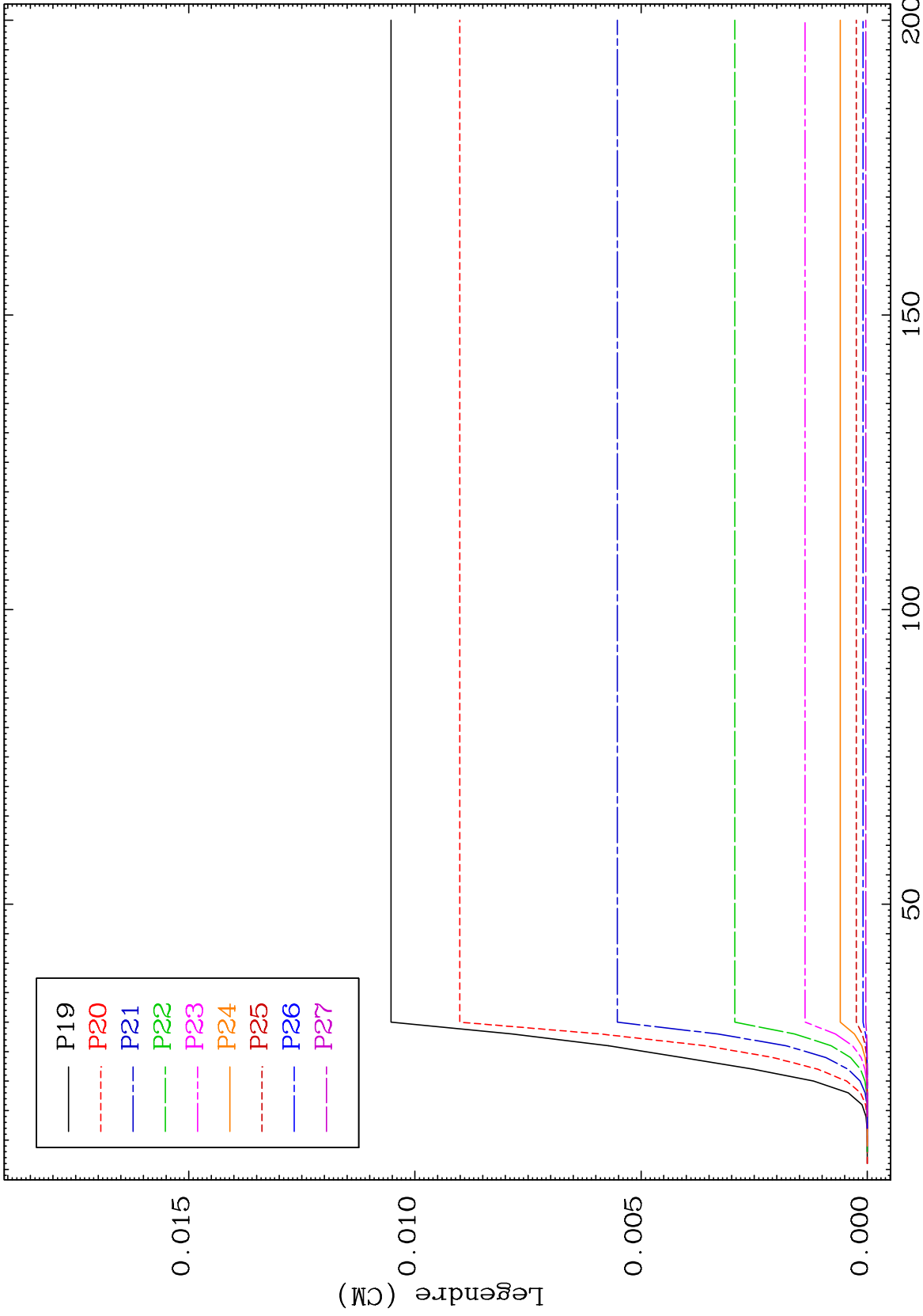
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



59

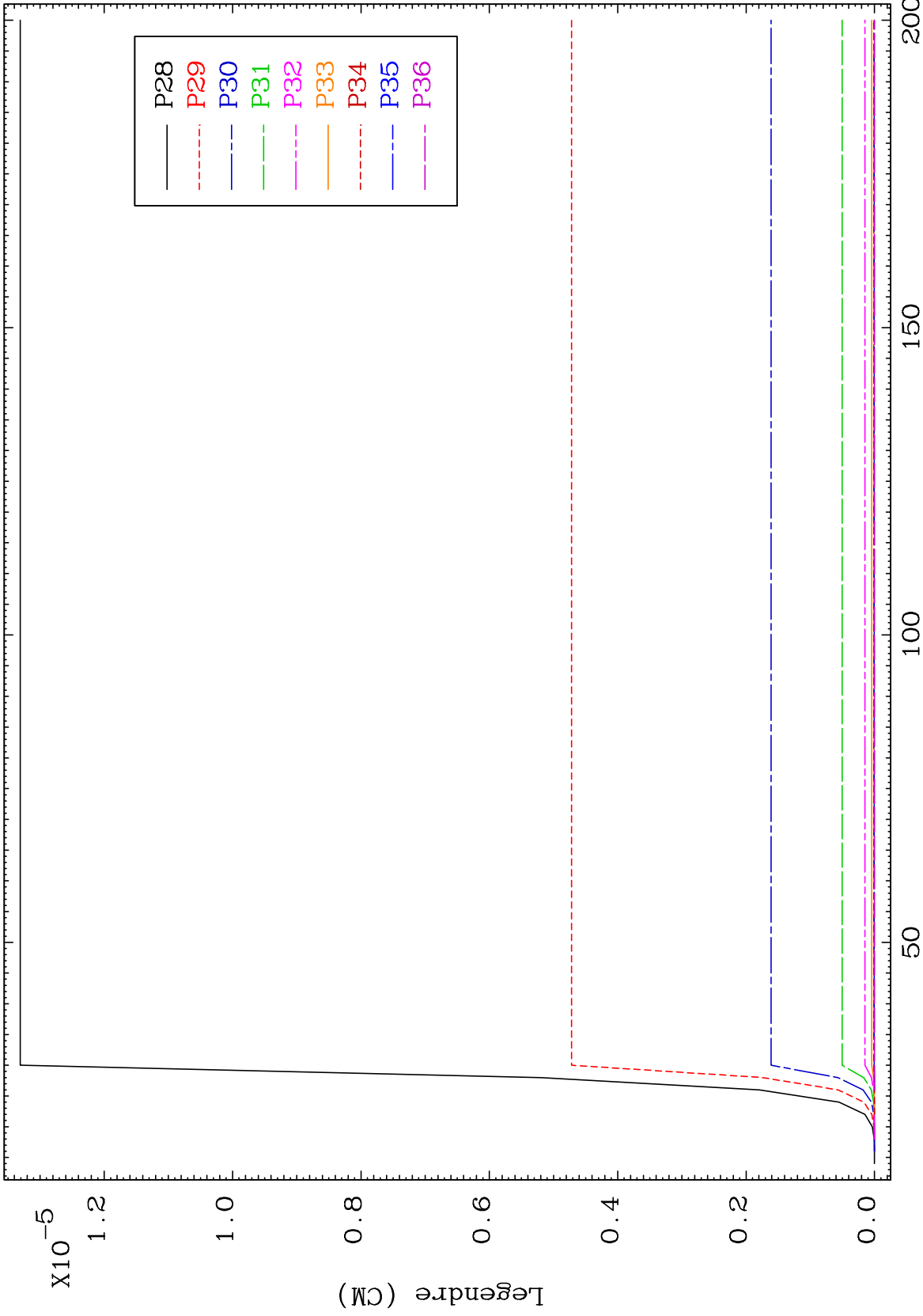
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



60

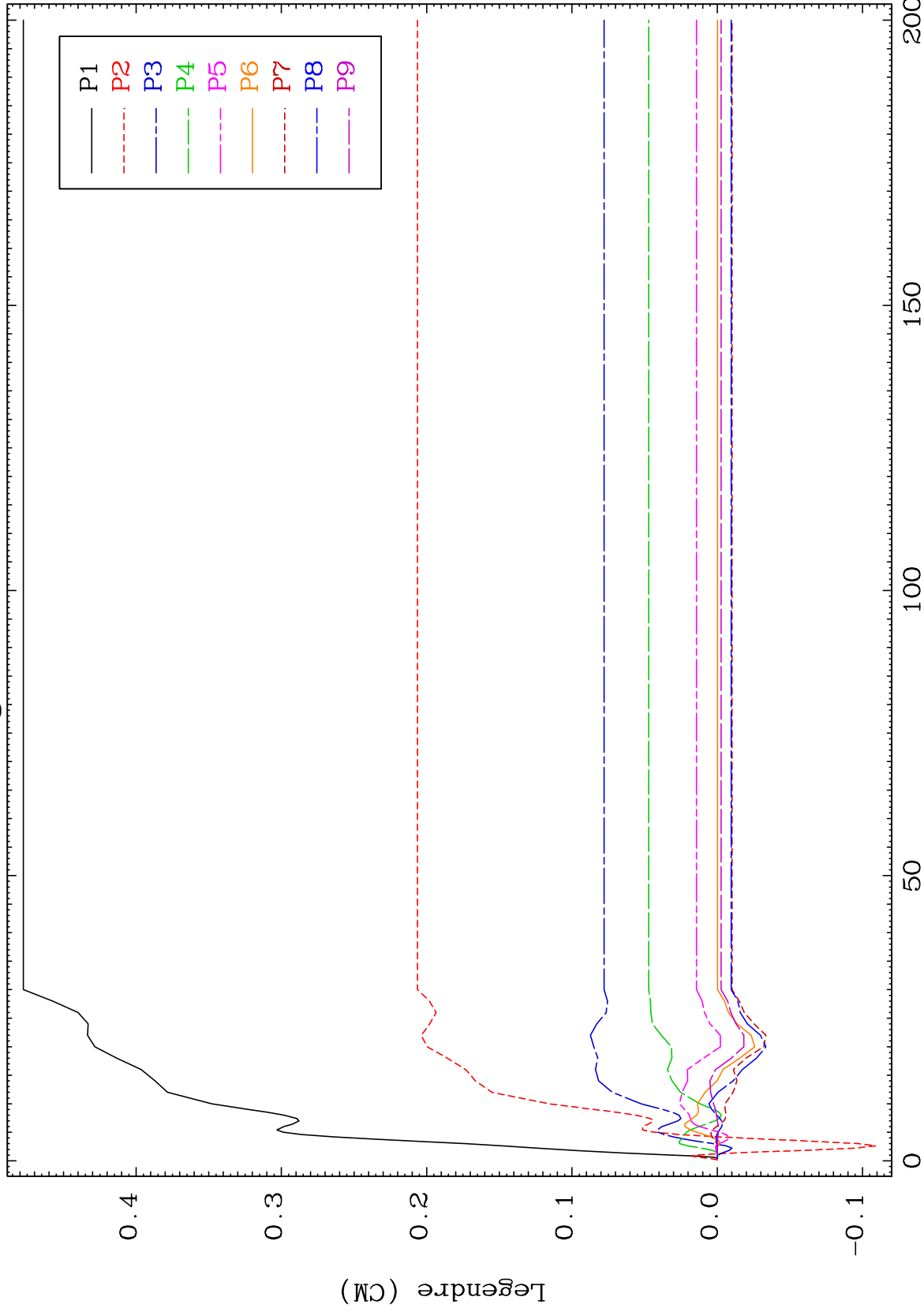
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



61

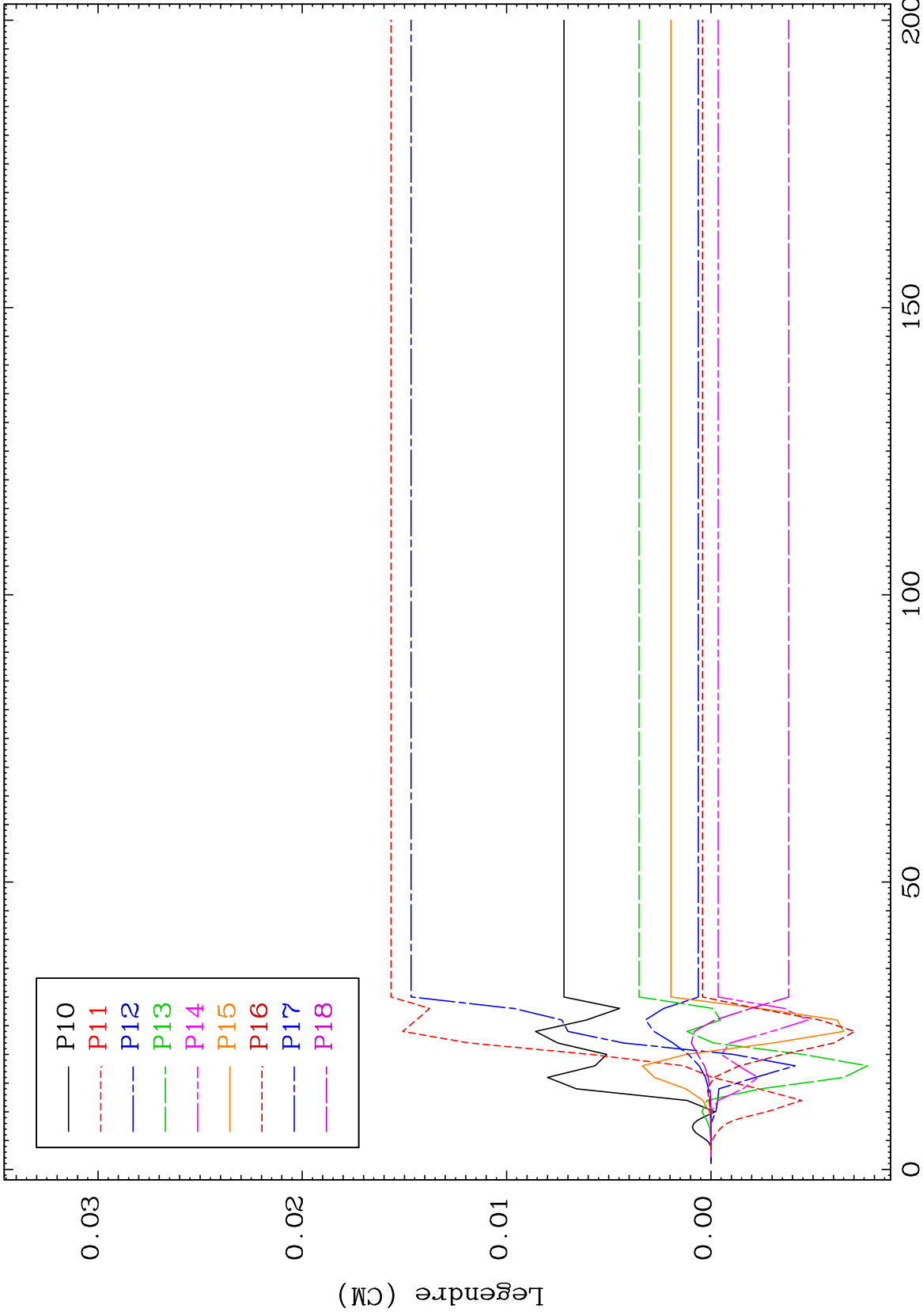
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



62

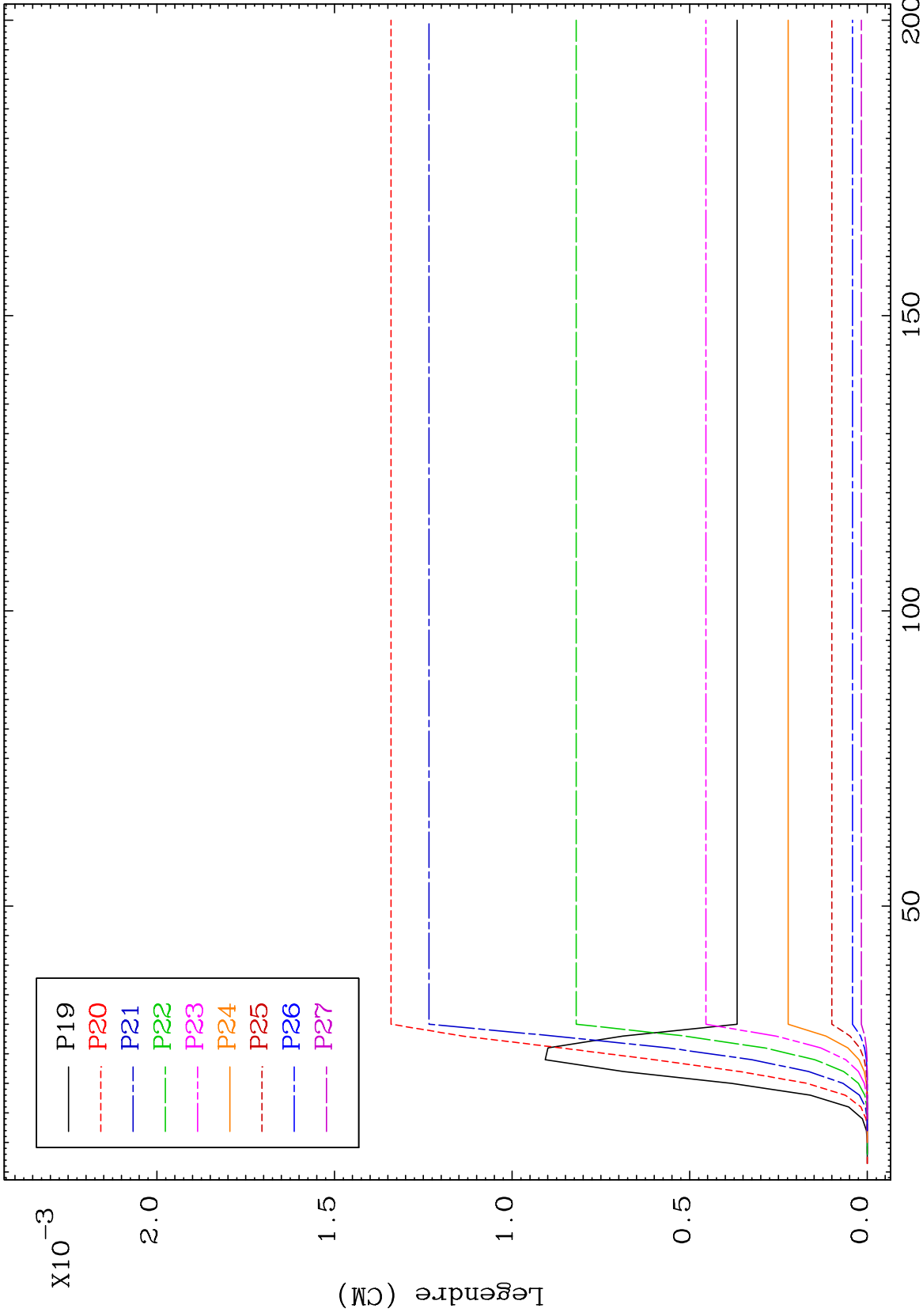
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

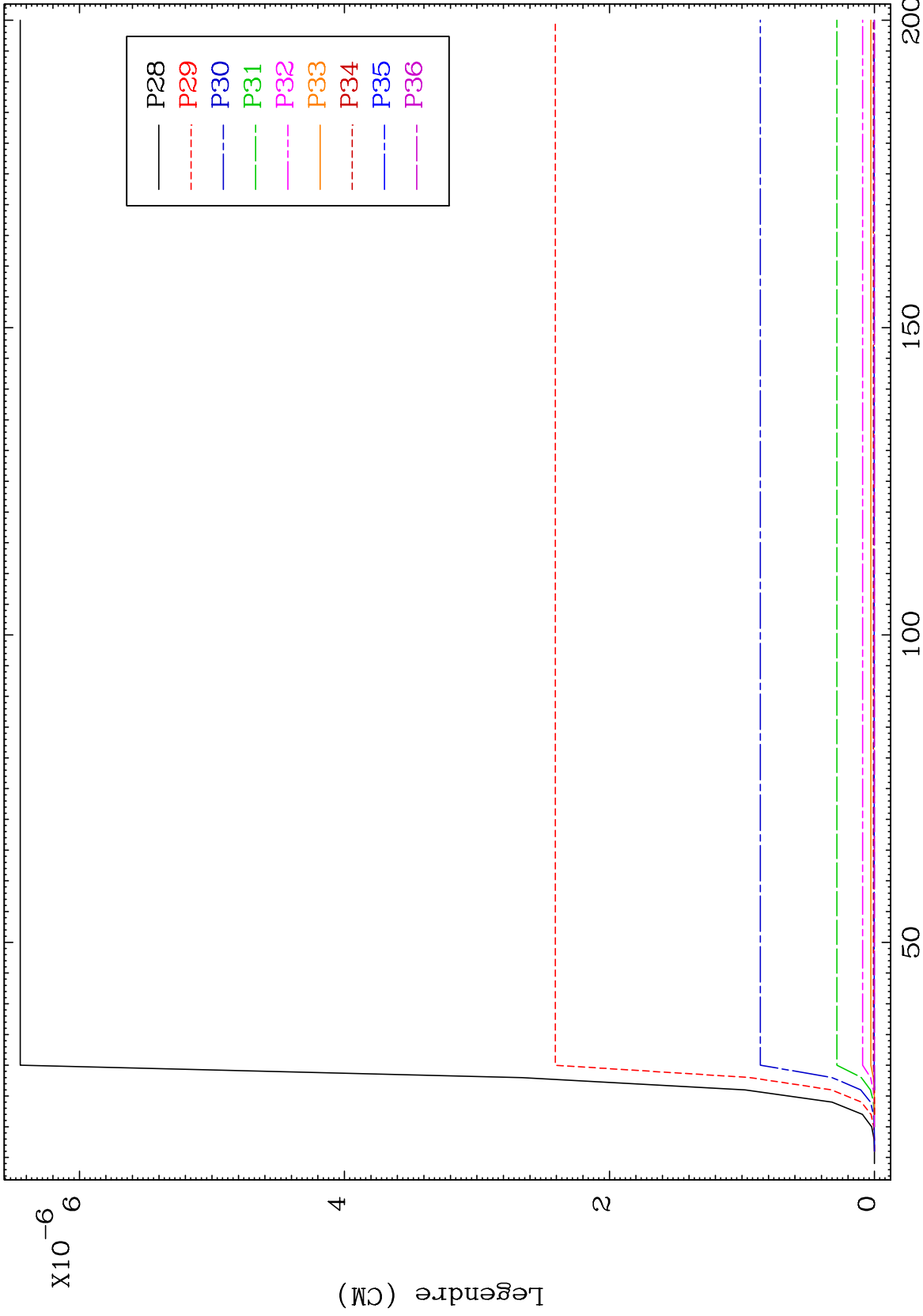
63-Eu-152



MAT 6328

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

63-Eu-152



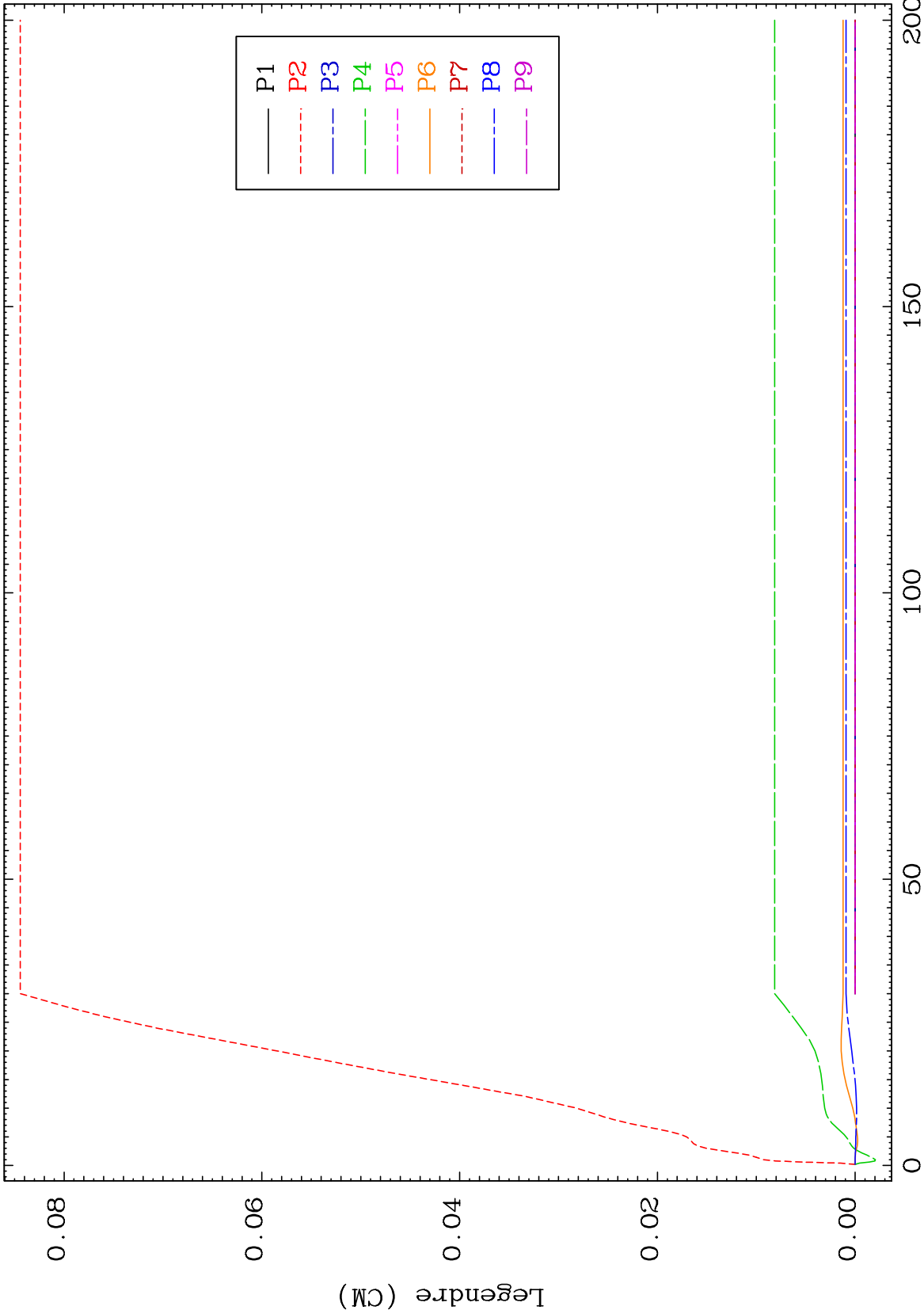
64

63-Eu-152

MAT 6328

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

63-Eu-152



65

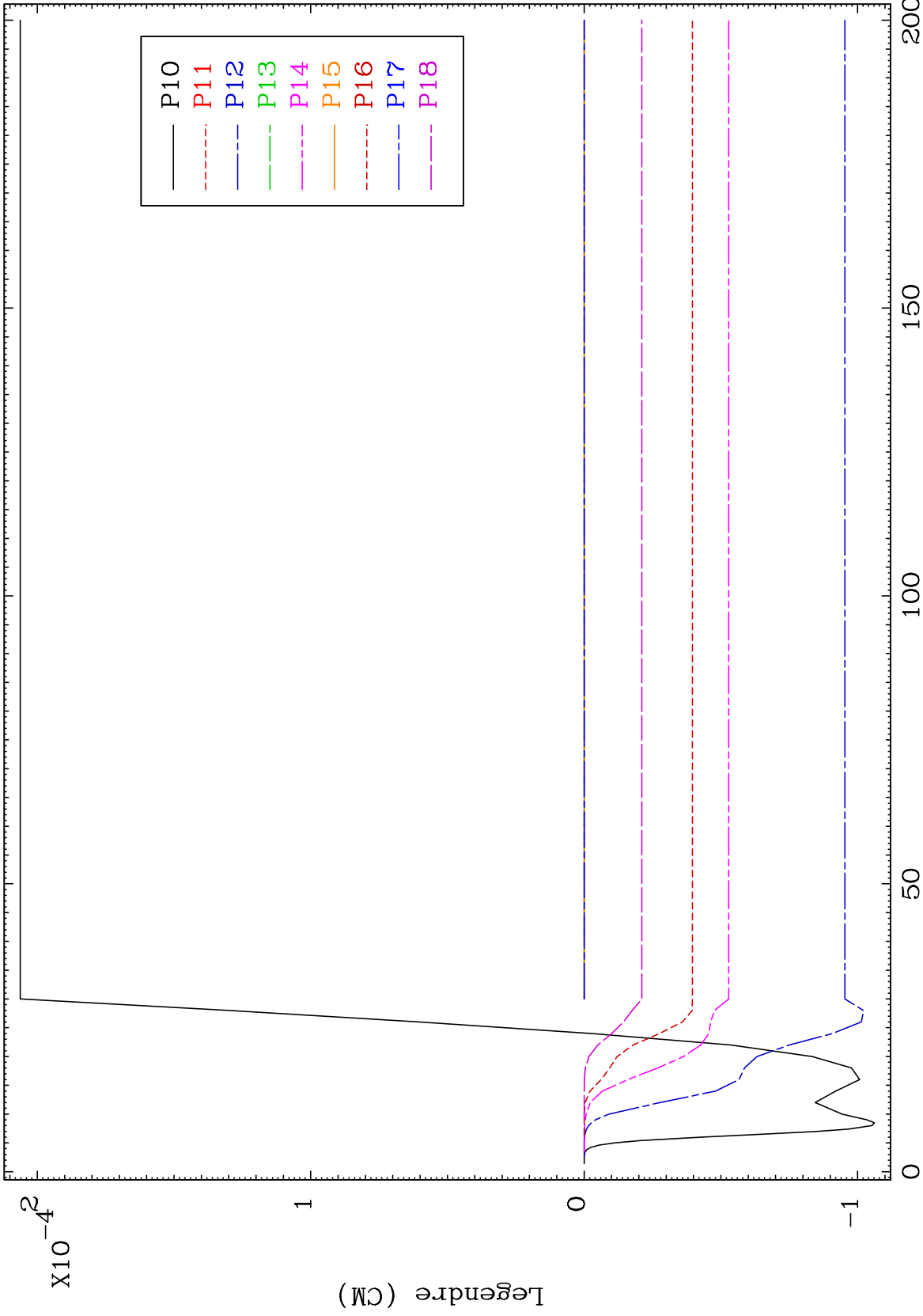
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



66

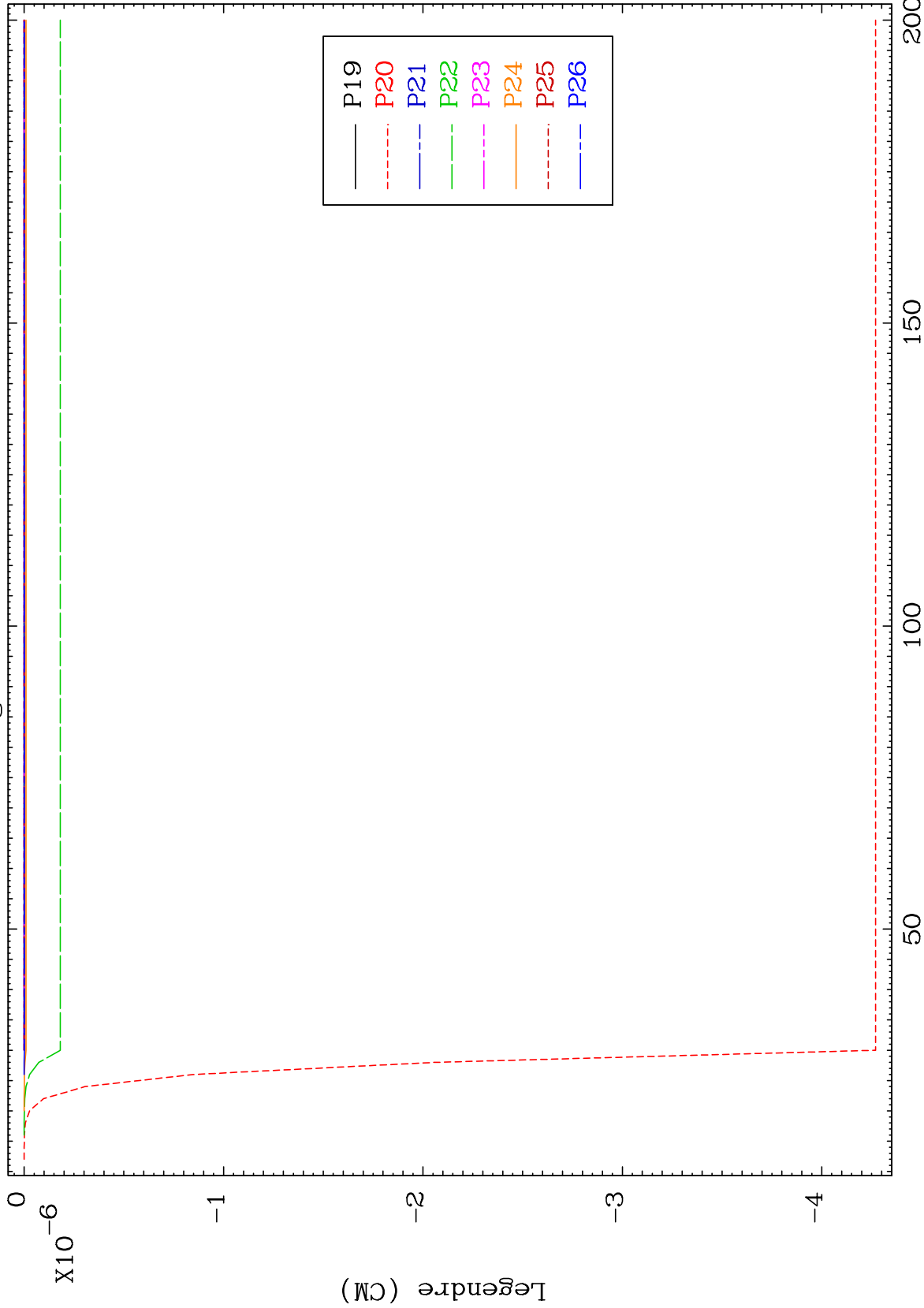
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



67

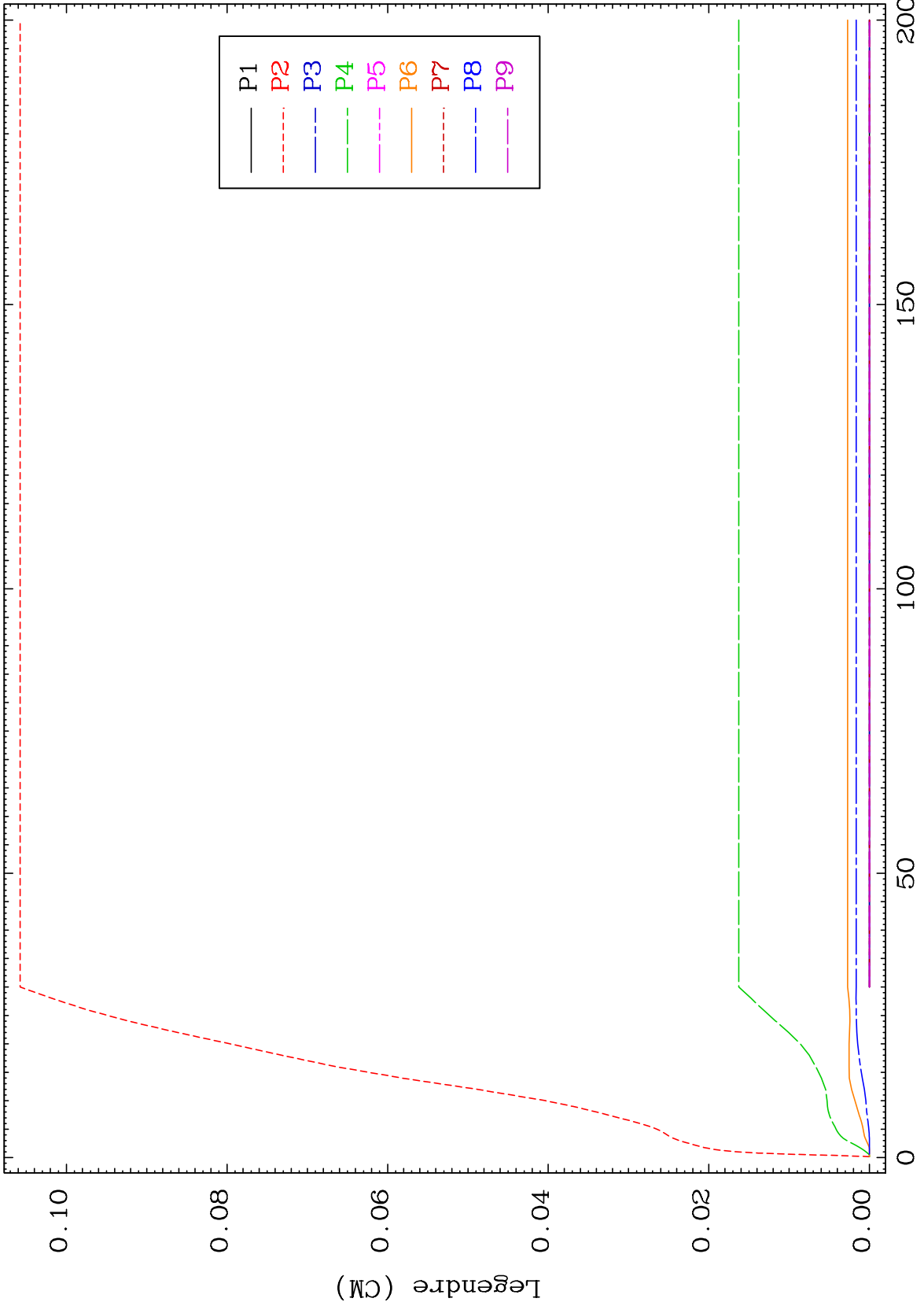
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



68

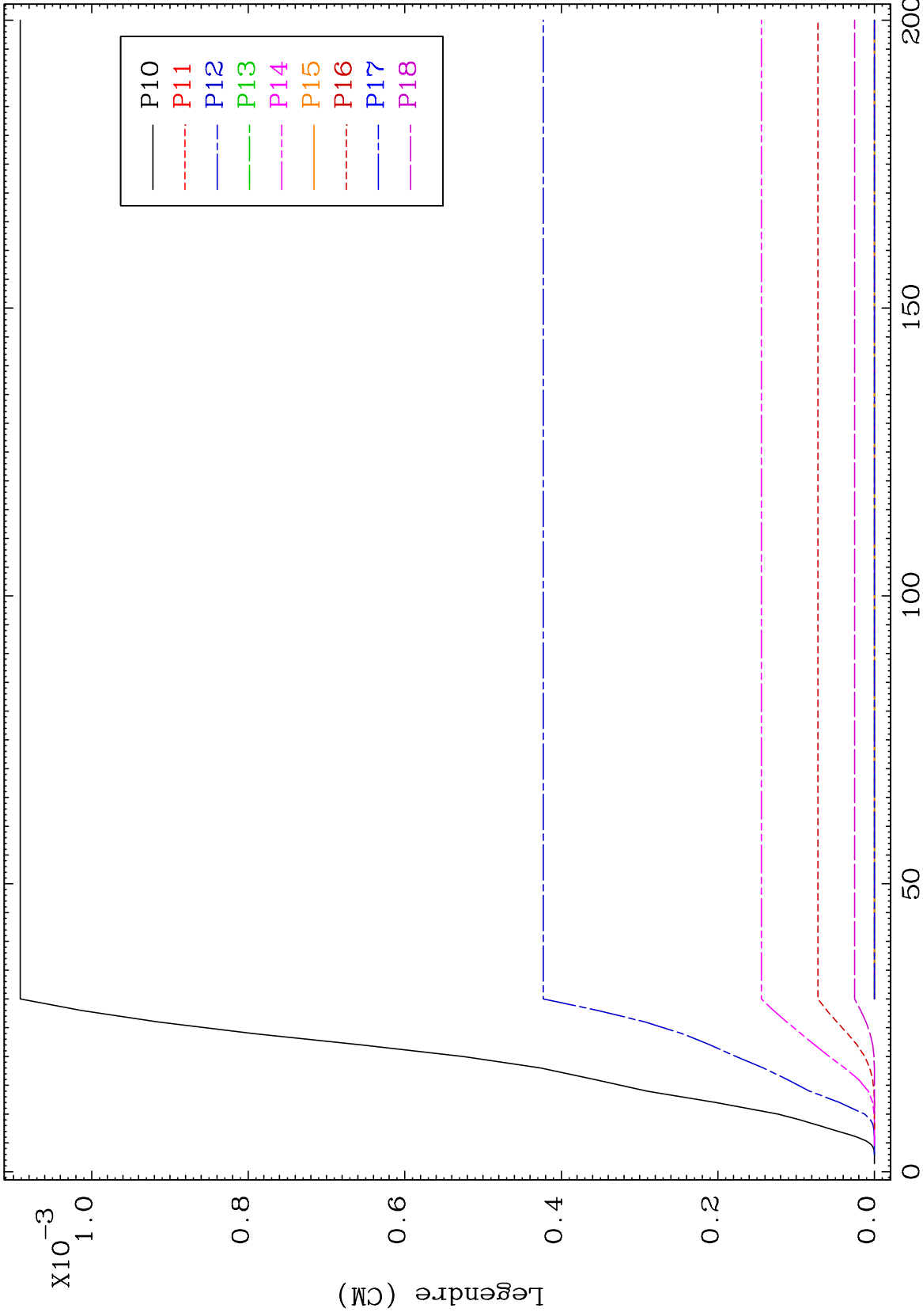
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



69

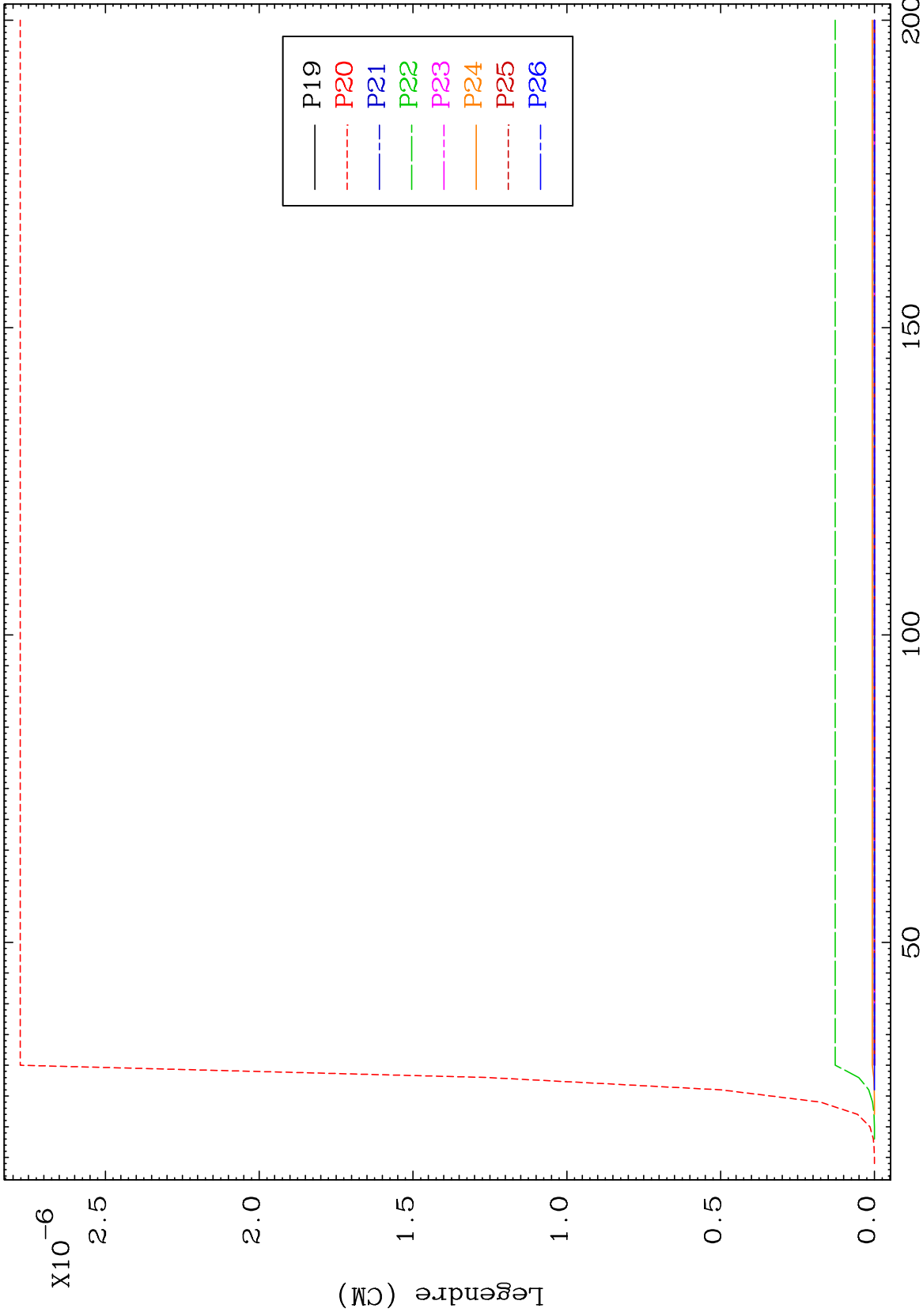
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



70

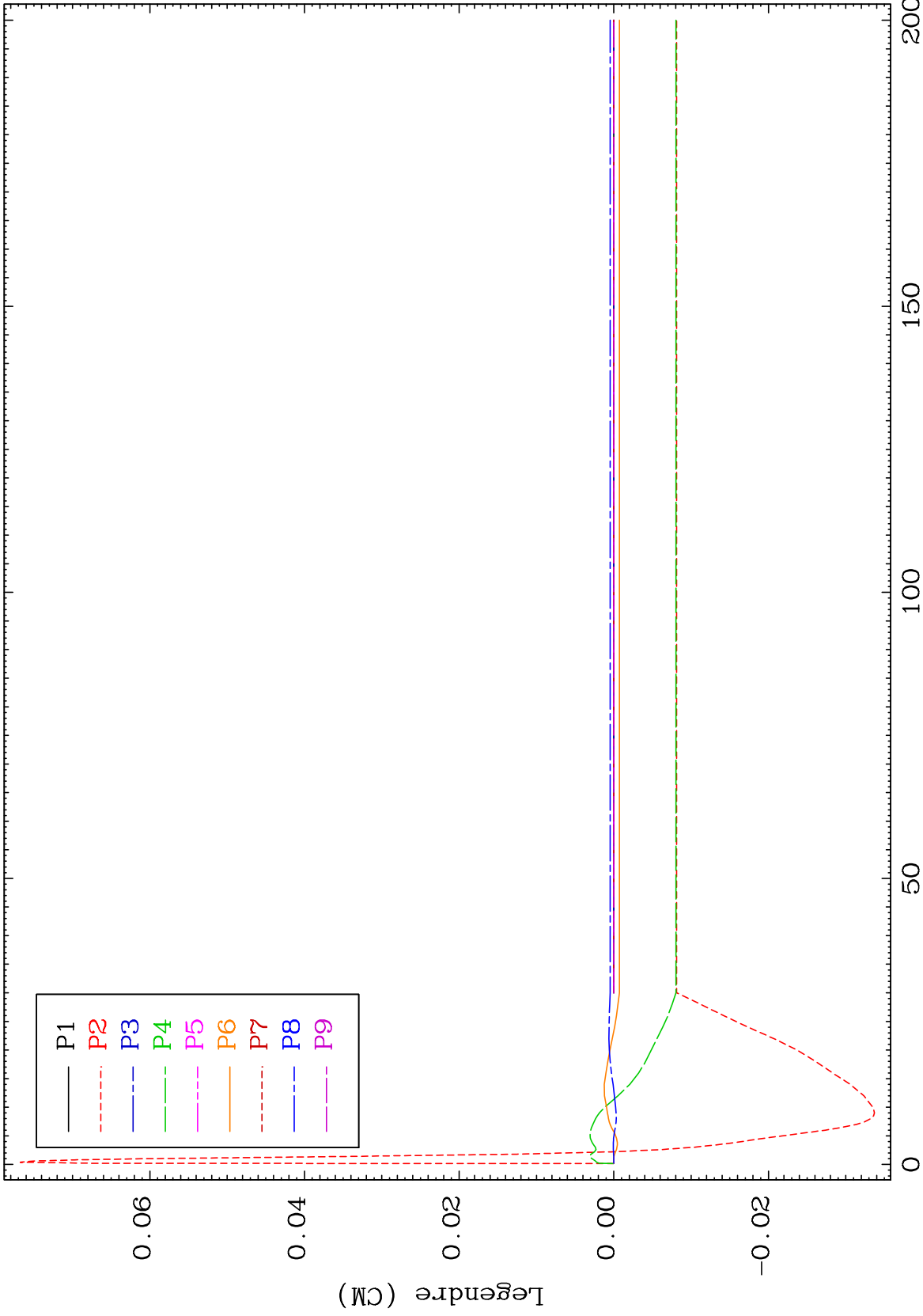
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



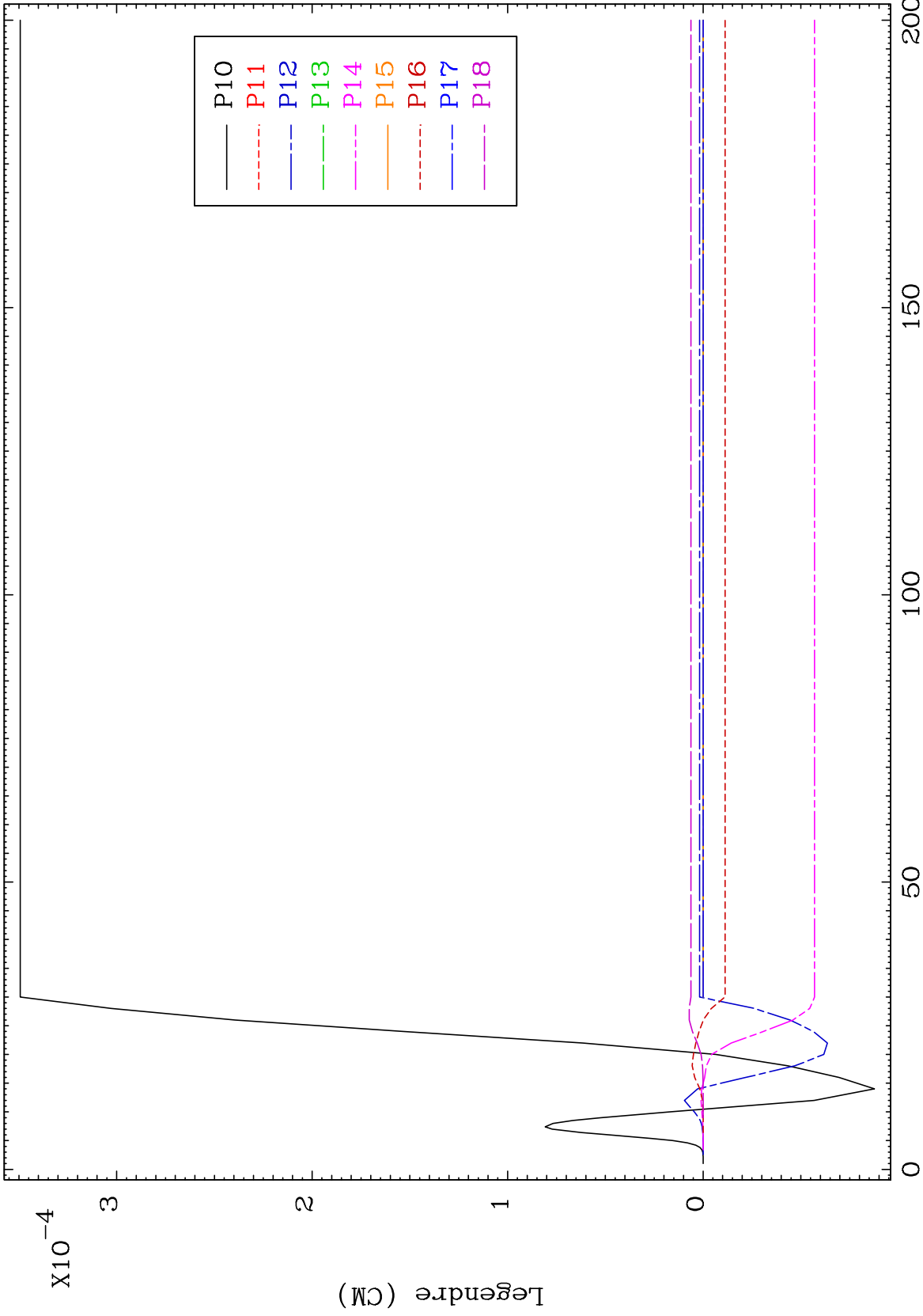
71

63-Eu-152

MAT 6328

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

63-Eu-152



72

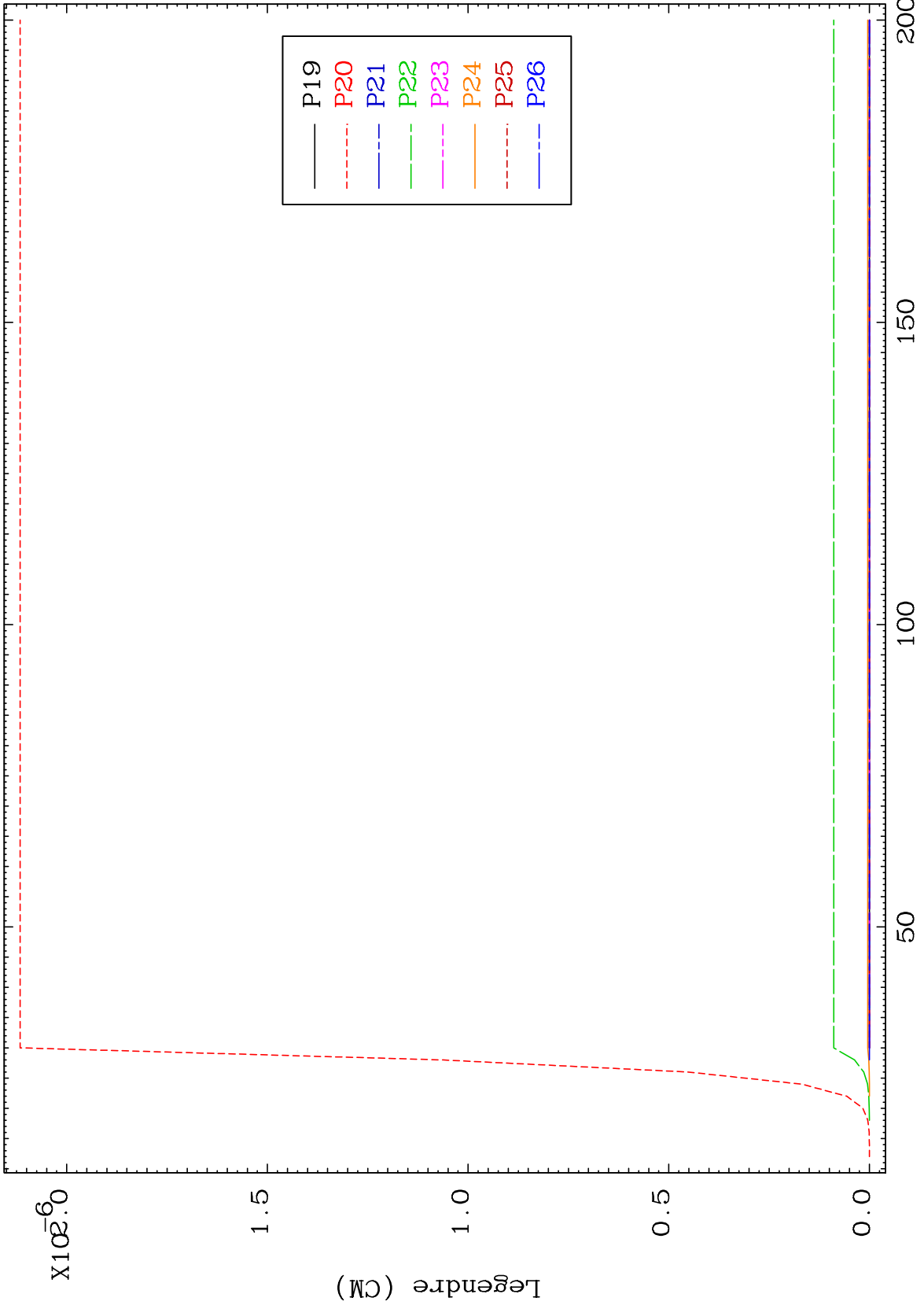
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



73

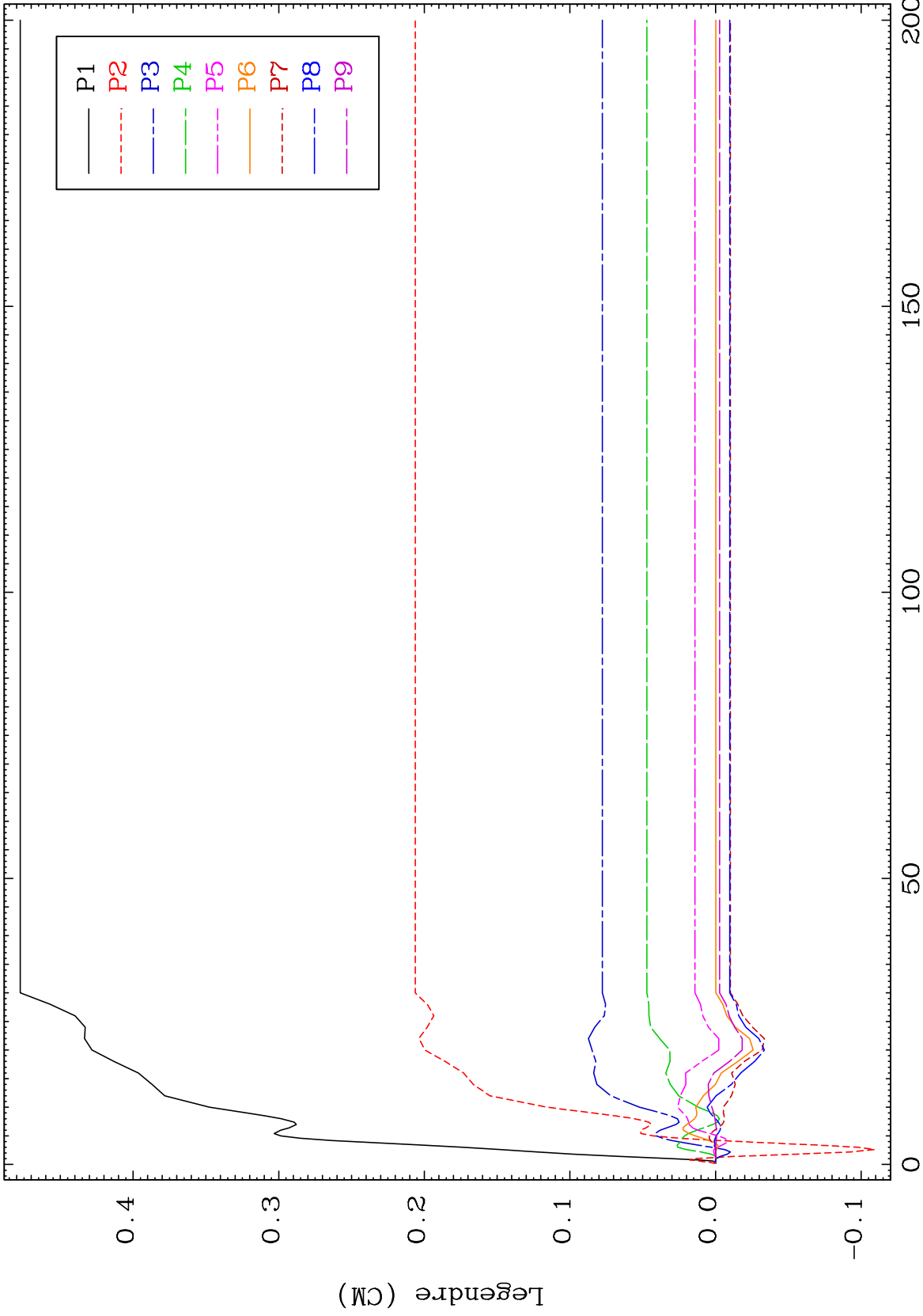
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



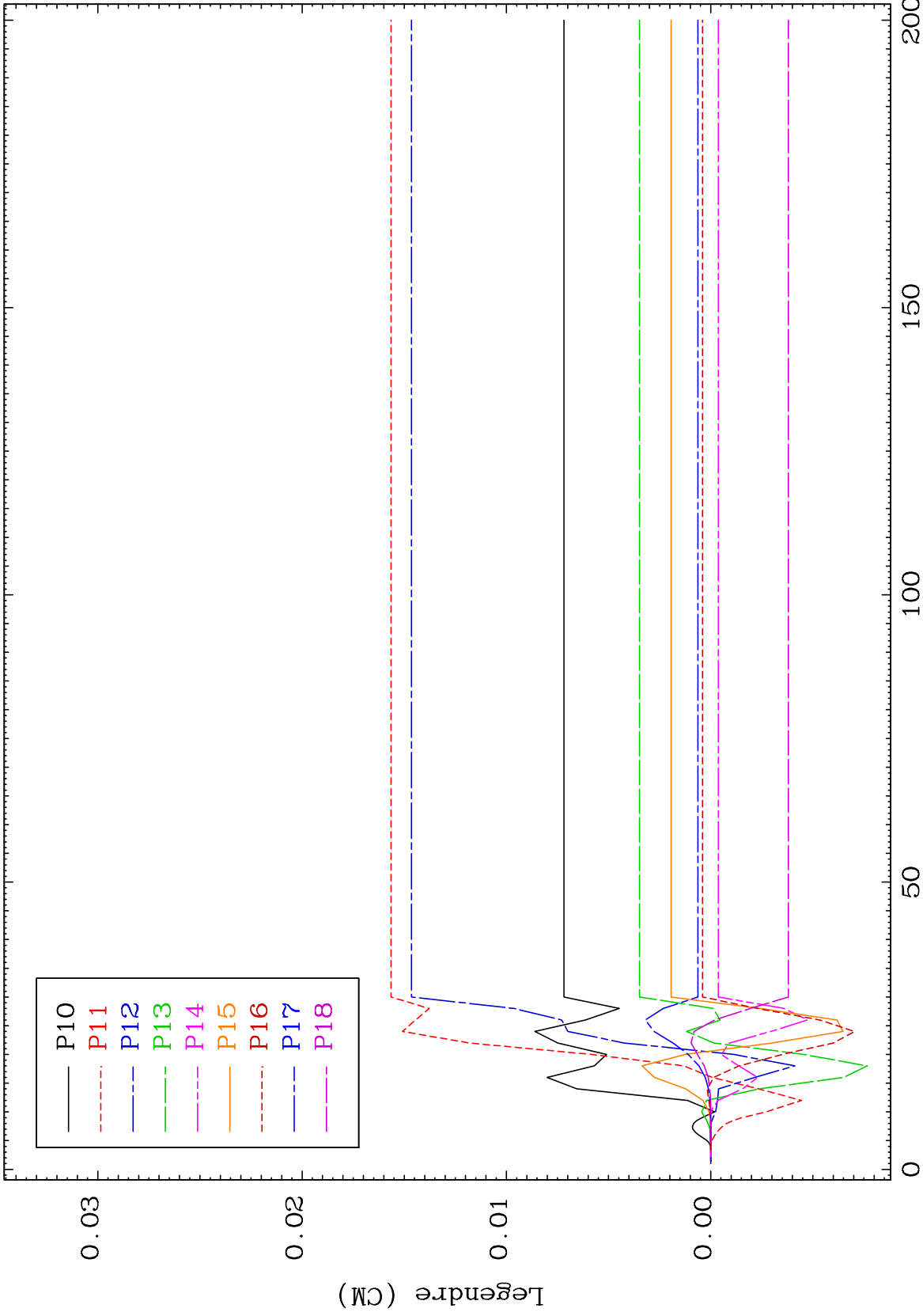
74

63-Eu-152

MAT 6328

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

63-Eu-152



75

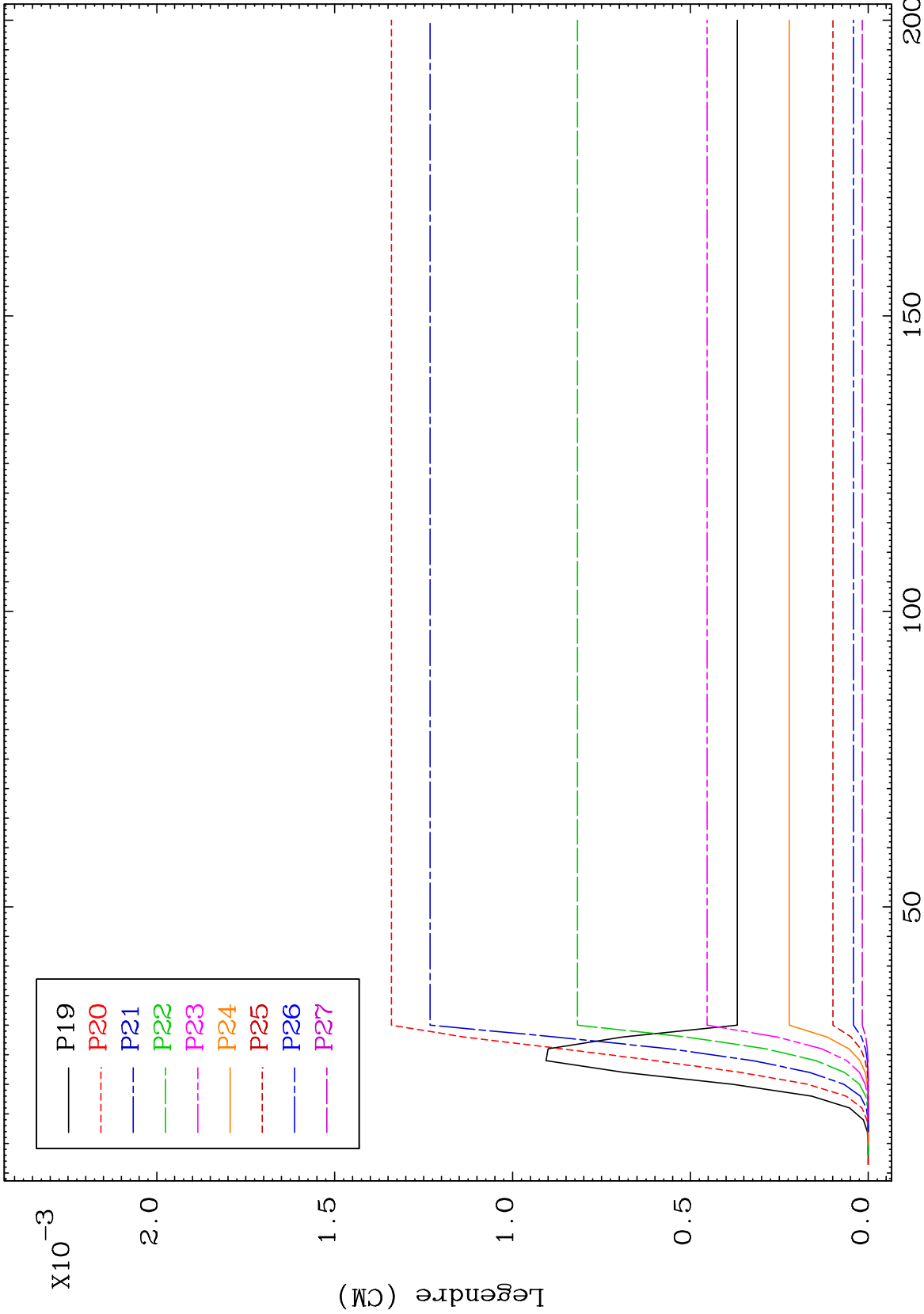
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



76

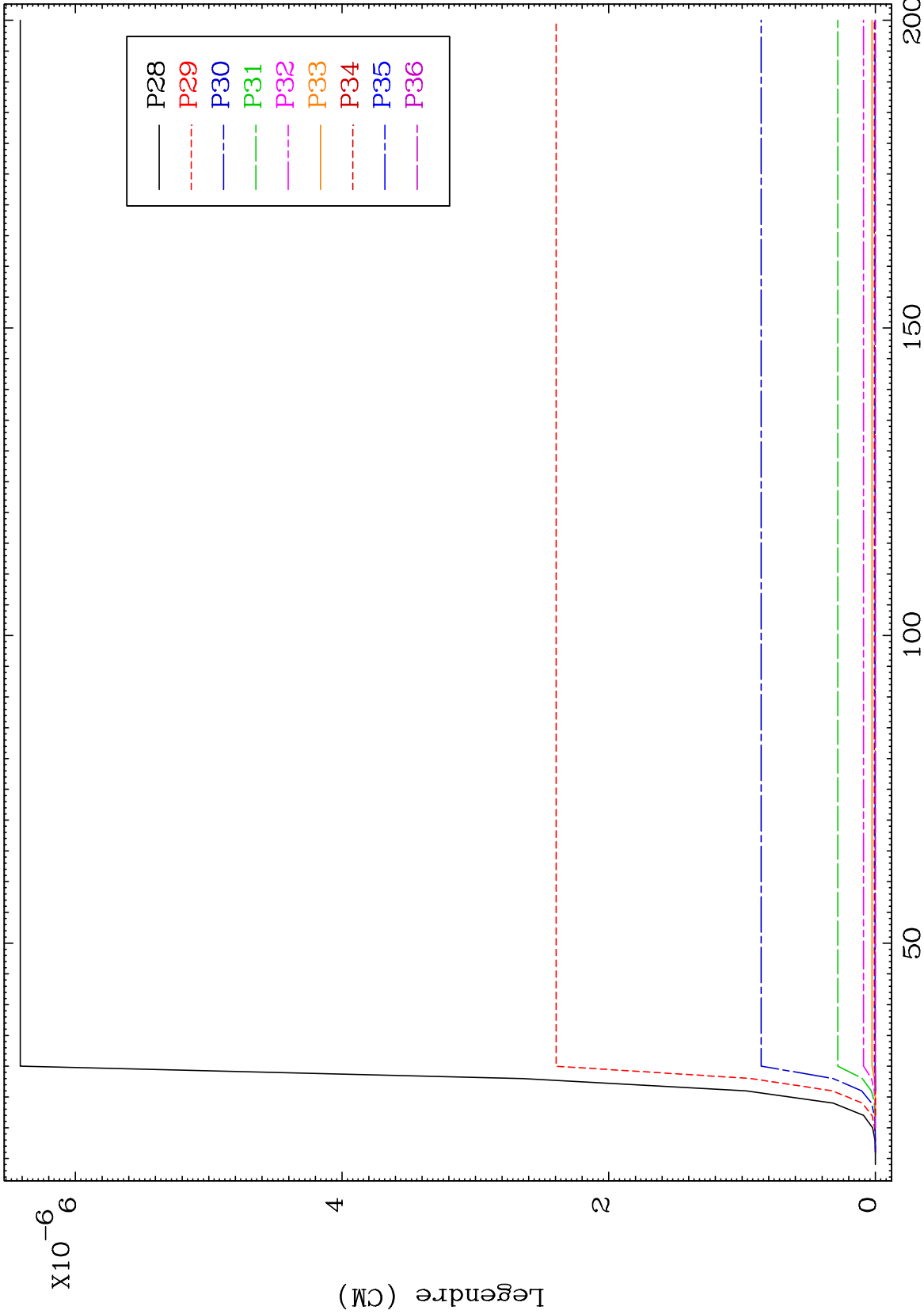
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



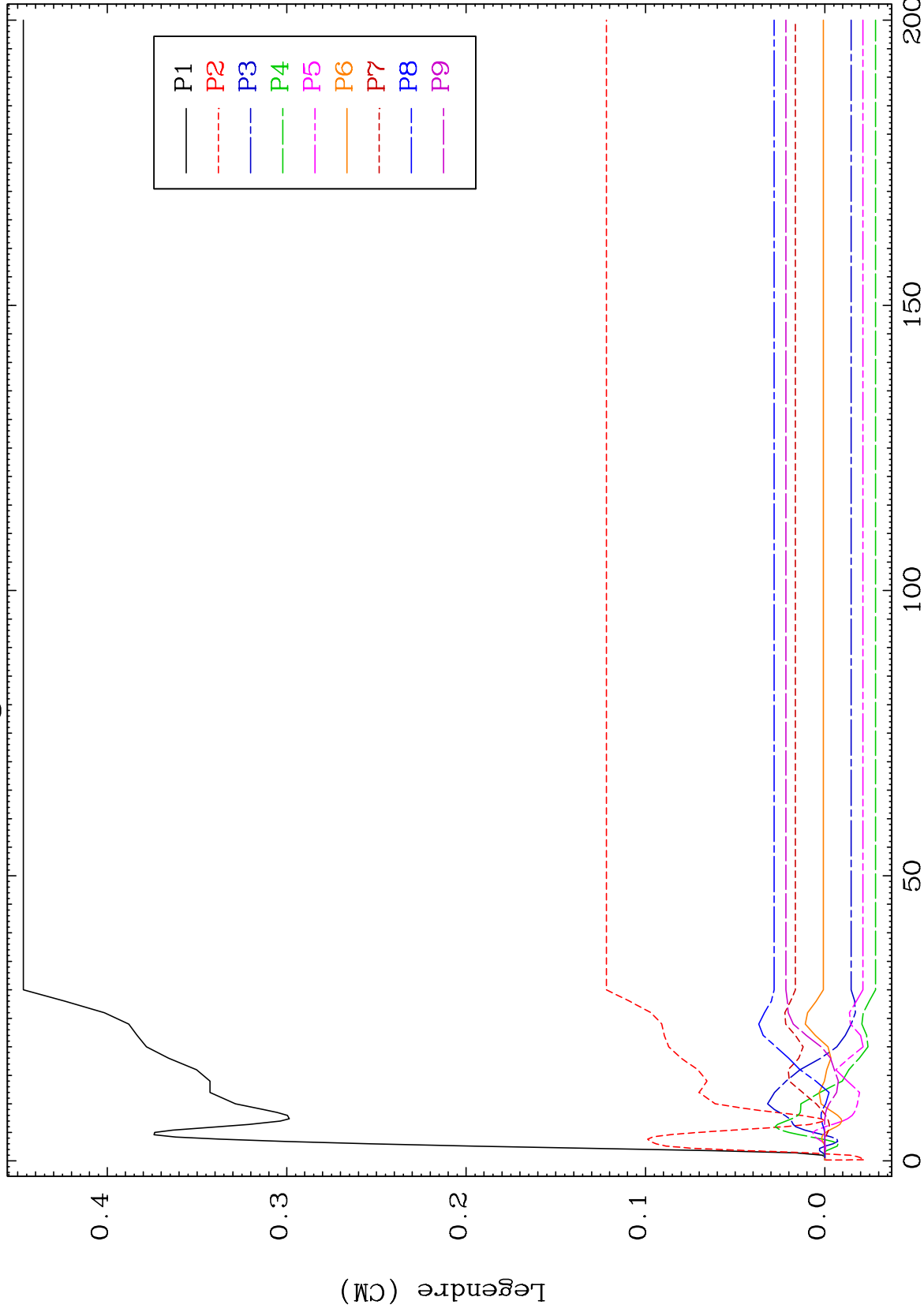
77

63-Eu-152

MAT 6328

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

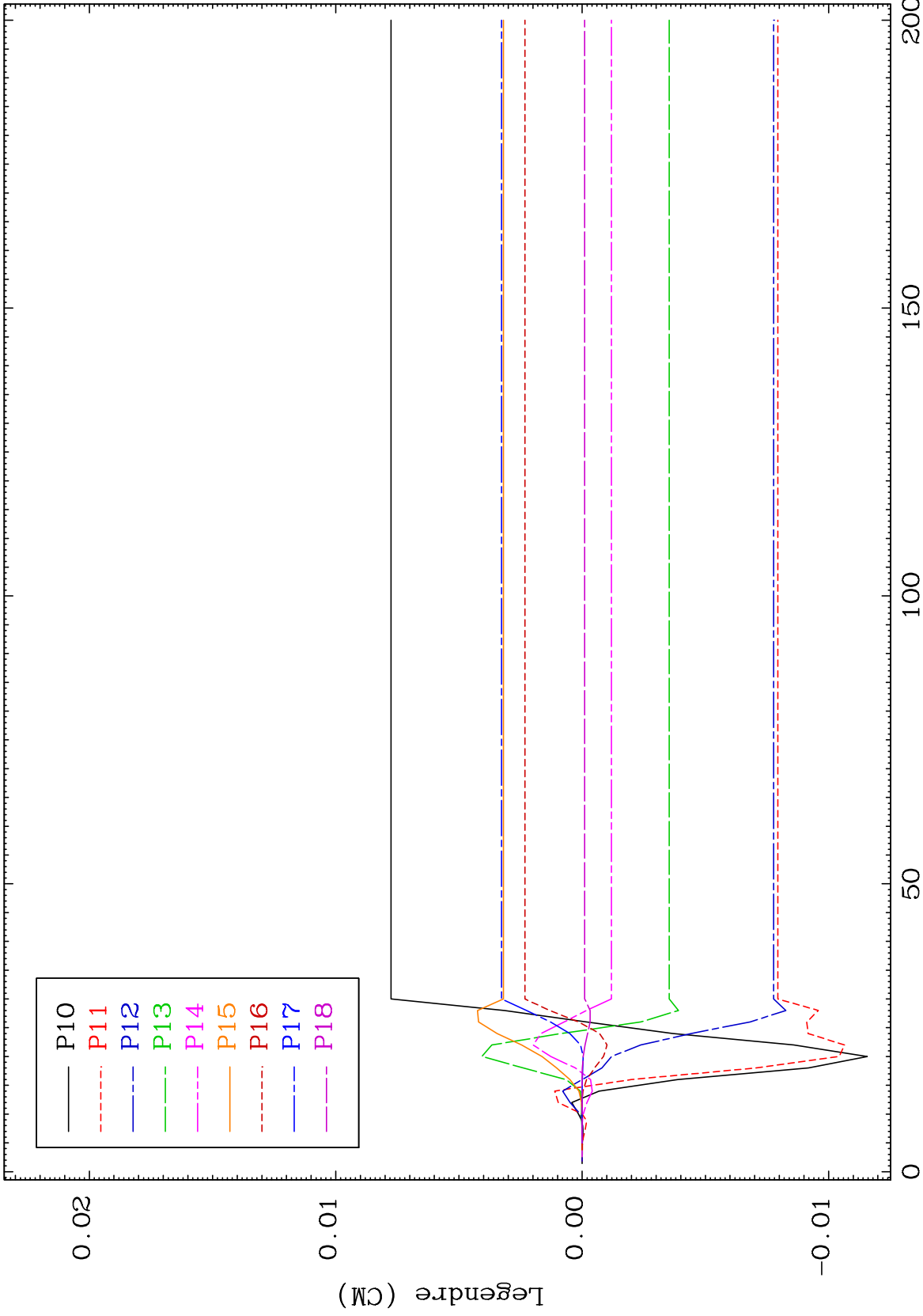
63-Eu-152



MAT 6328

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

63-Eu-152



79

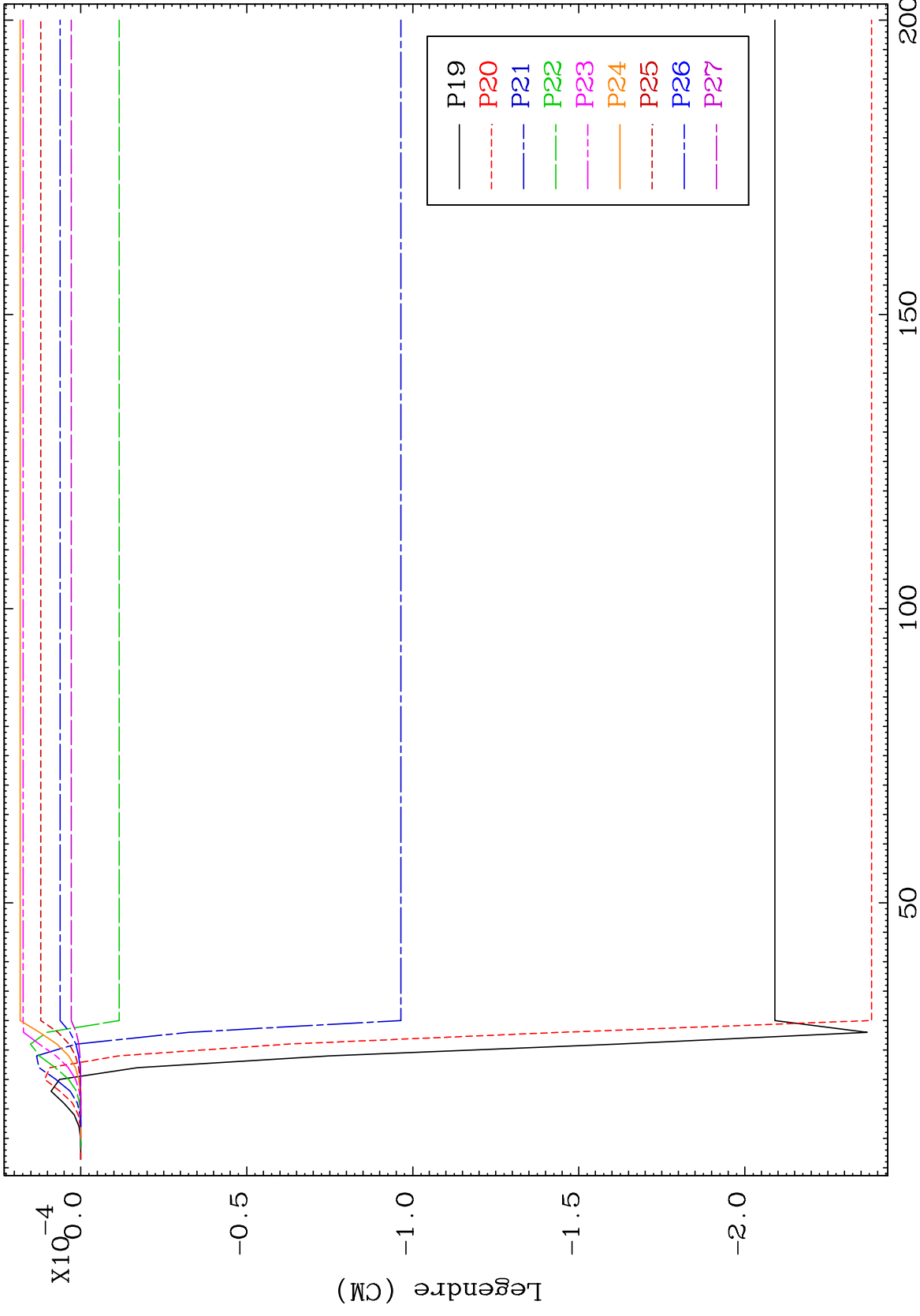
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

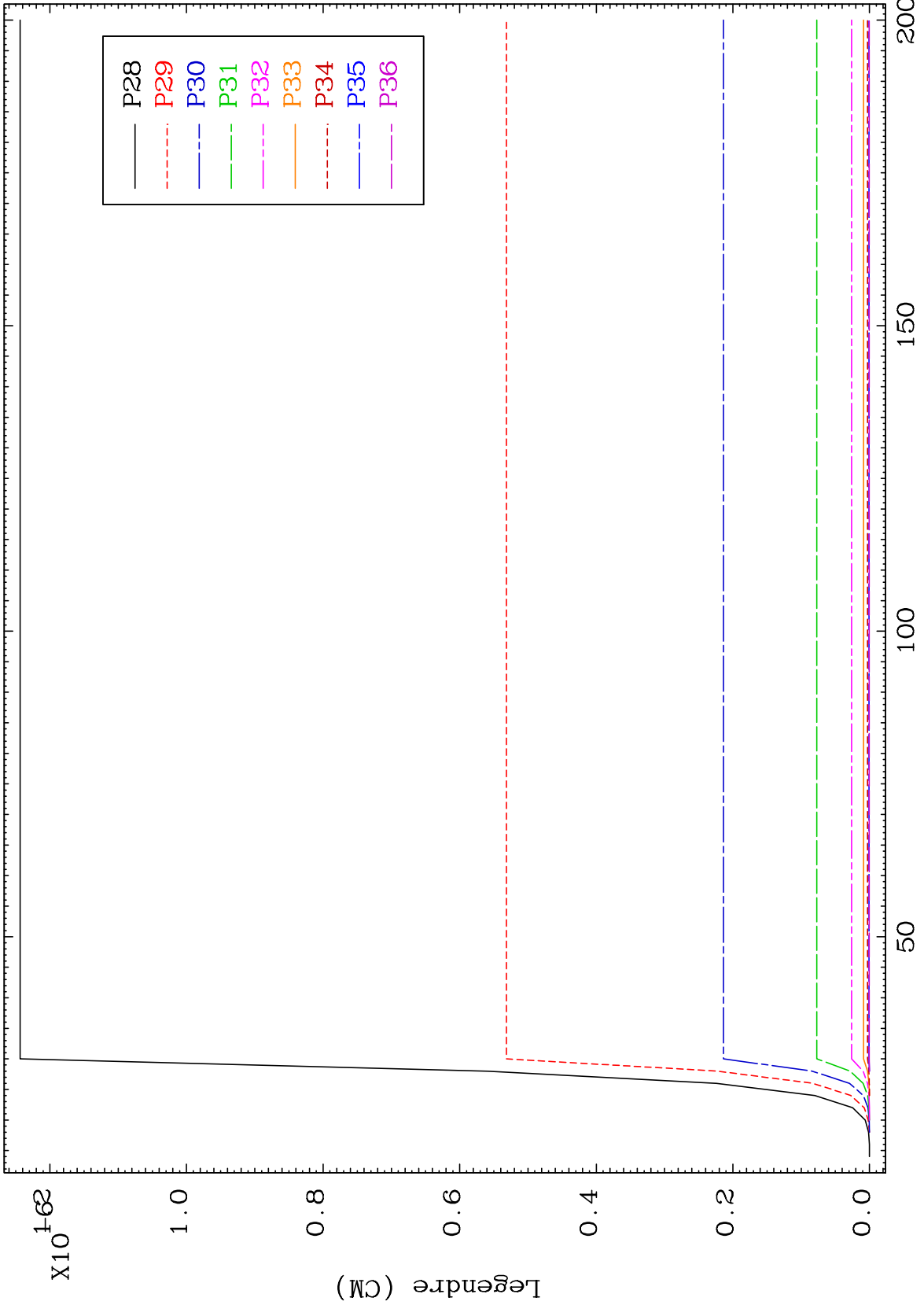
63-Eu-152



63-Eu-152

Incident Energy (MeV)

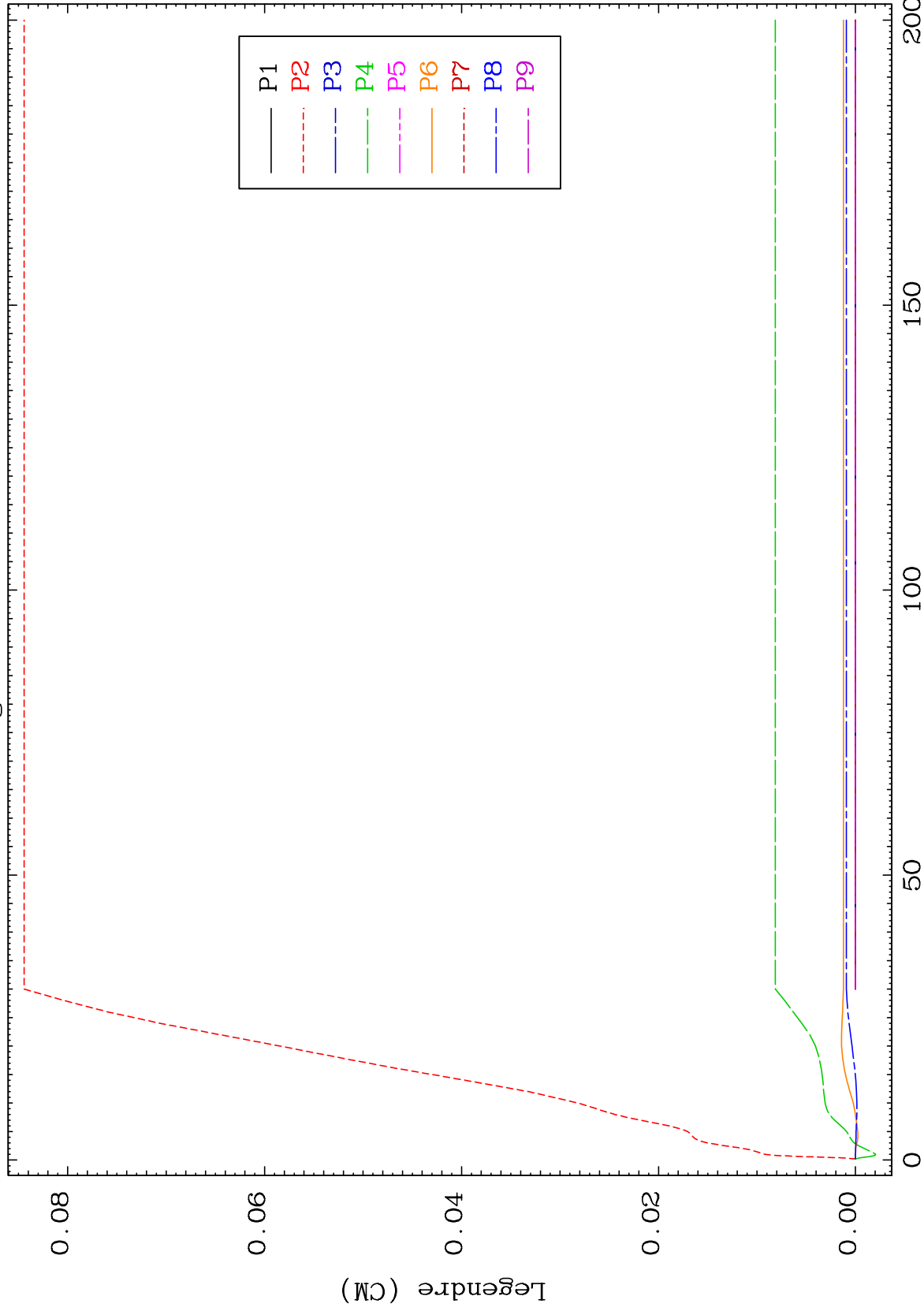
80



MAT 6328

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

63-Eu-152



82

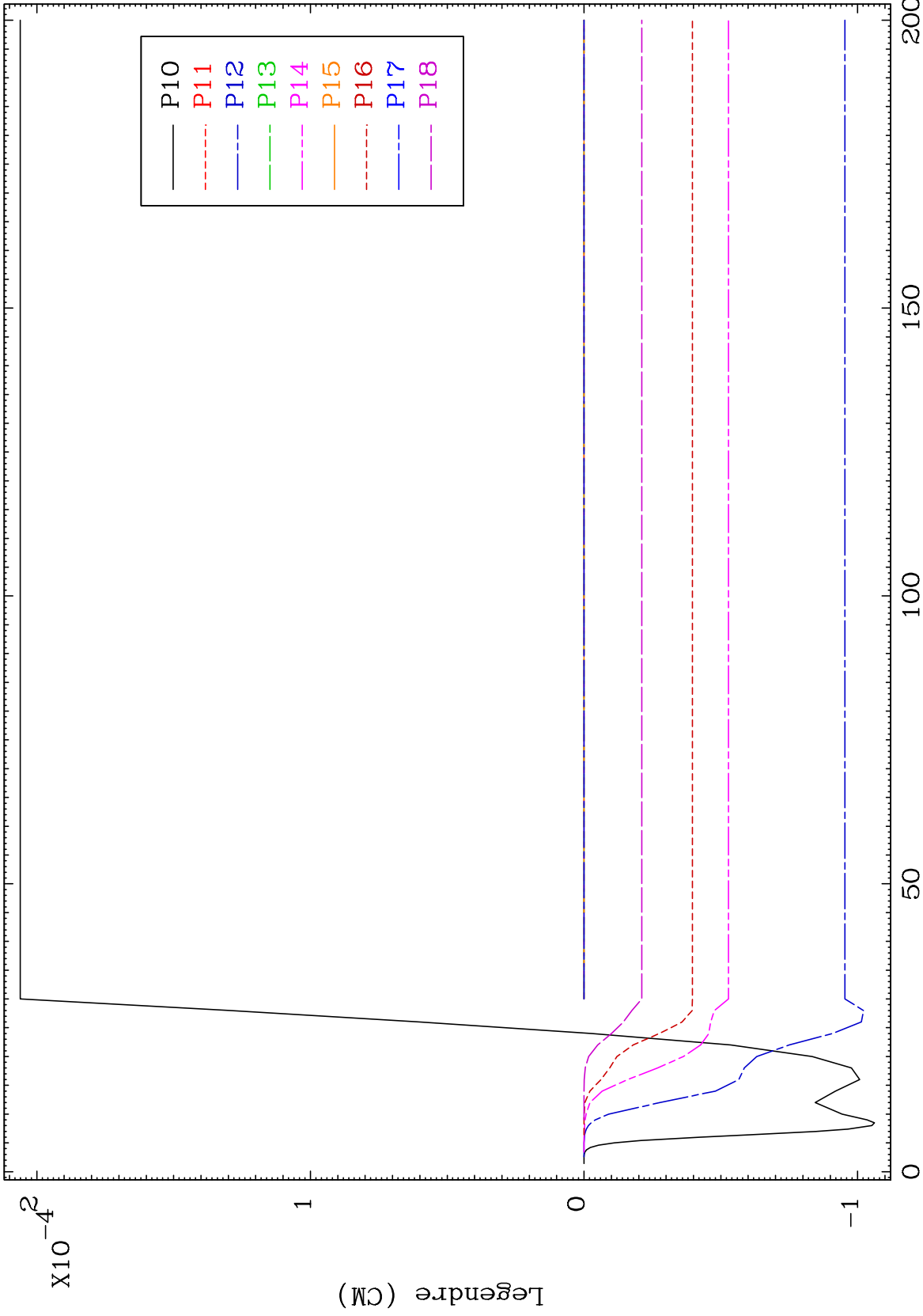
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



83

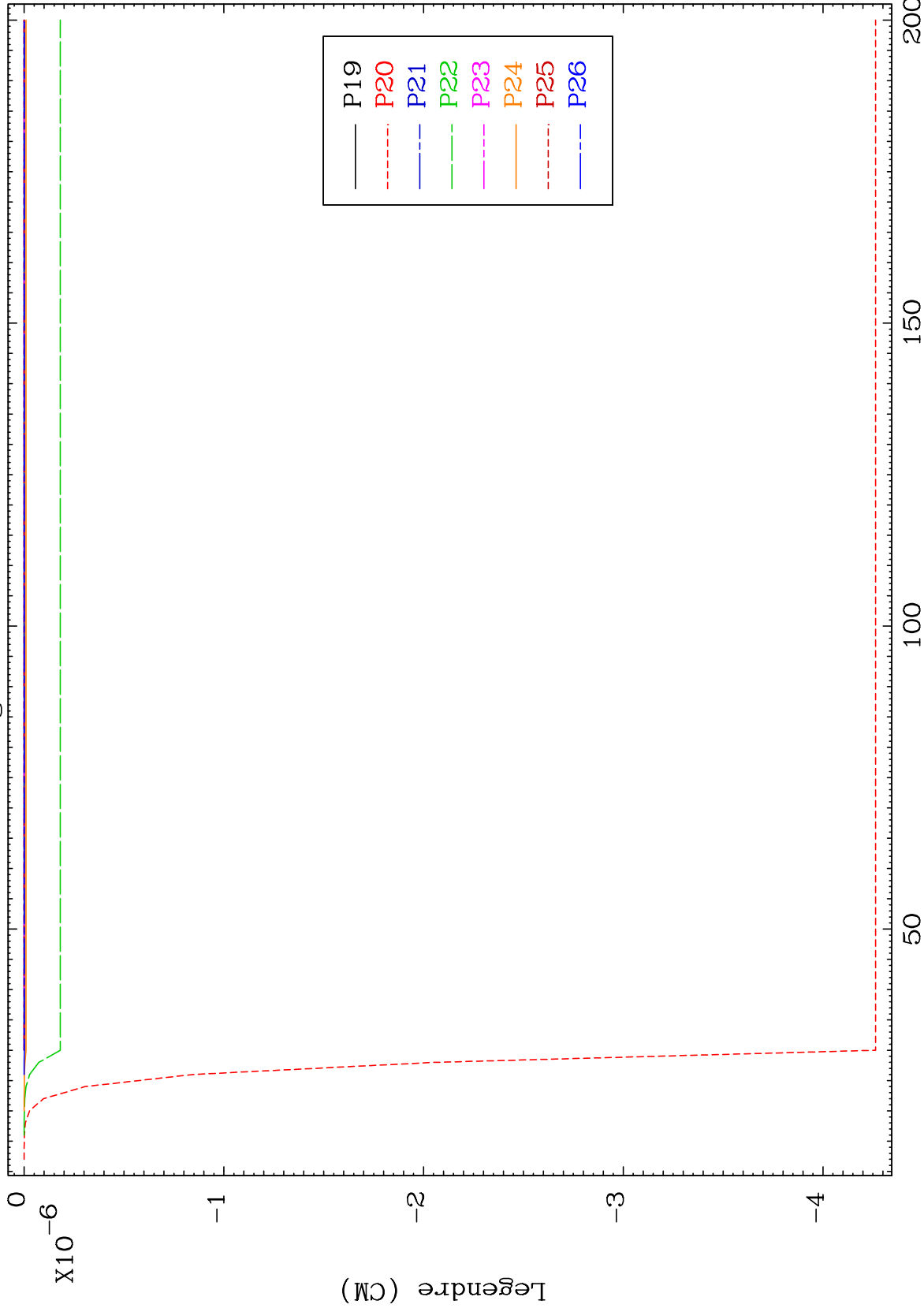
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



84

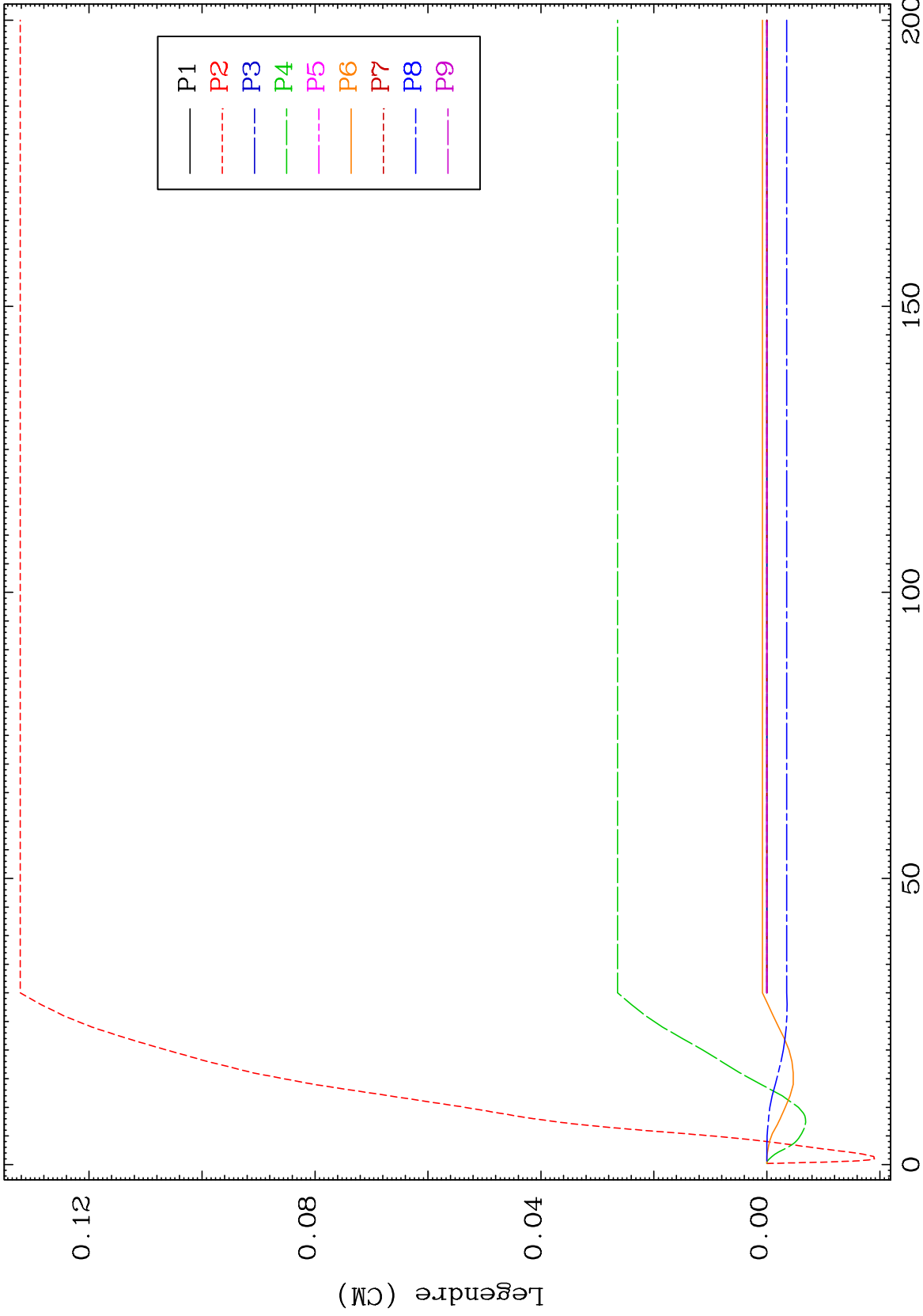
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



85

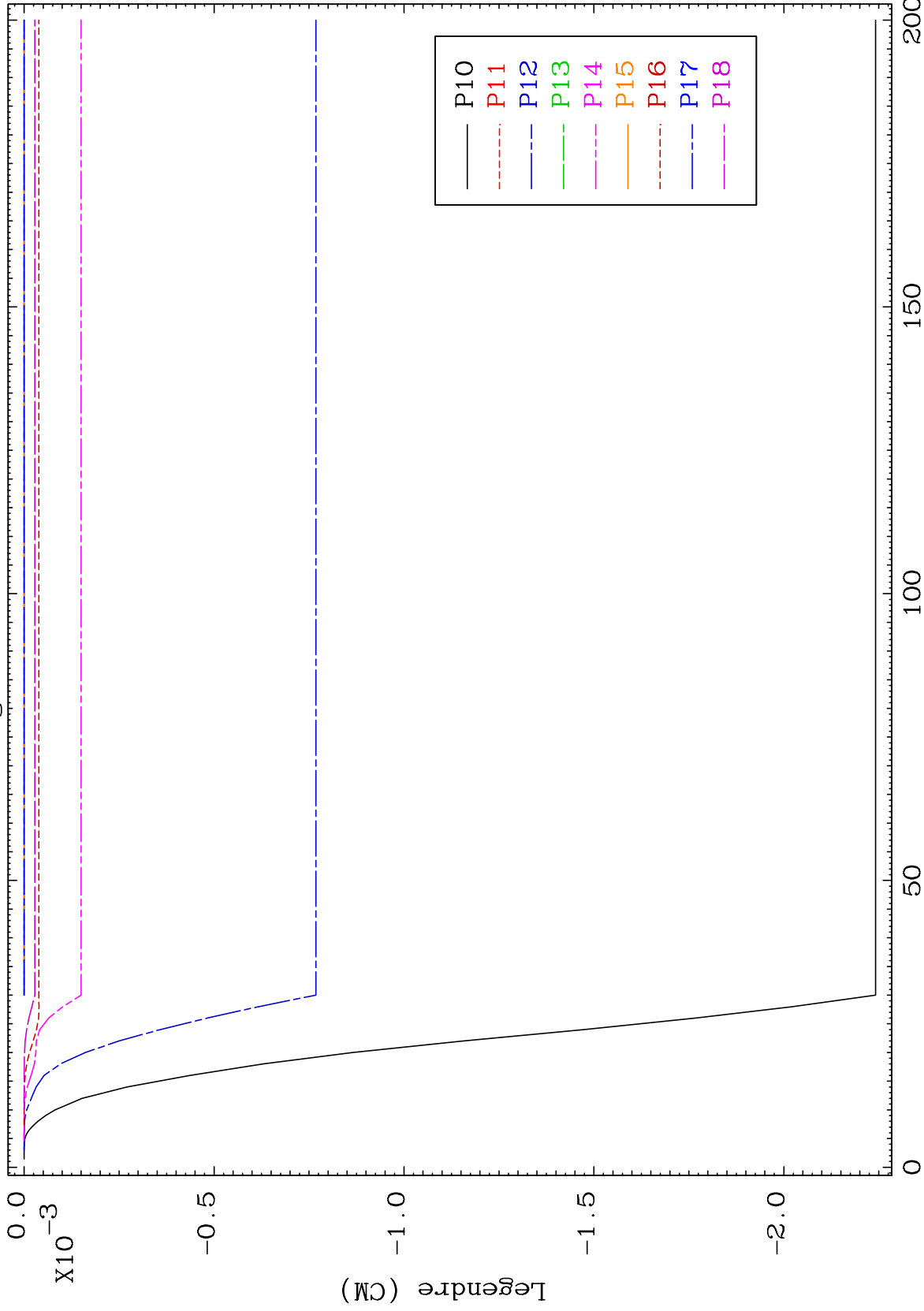
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



86

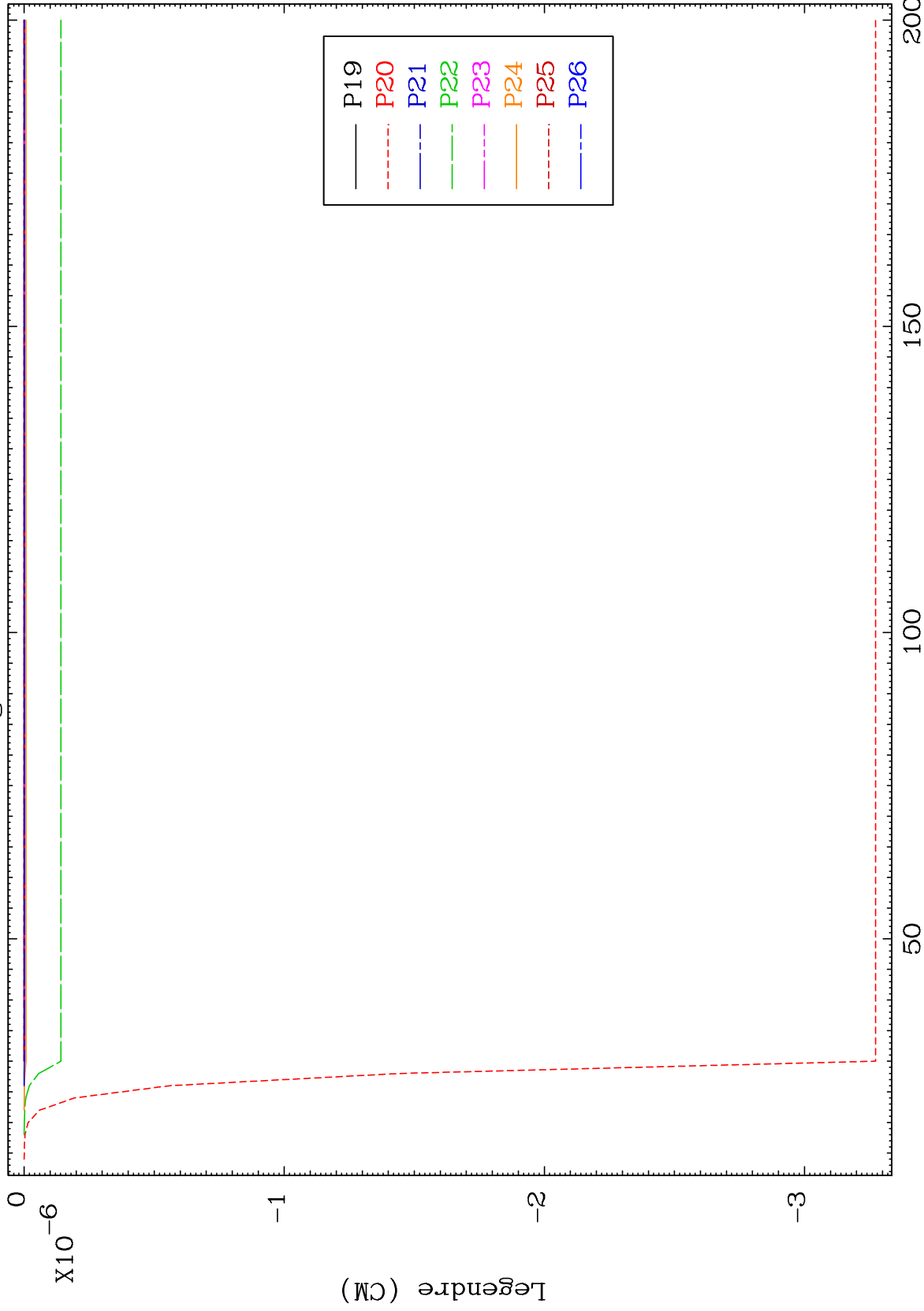
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



63-Eu-152

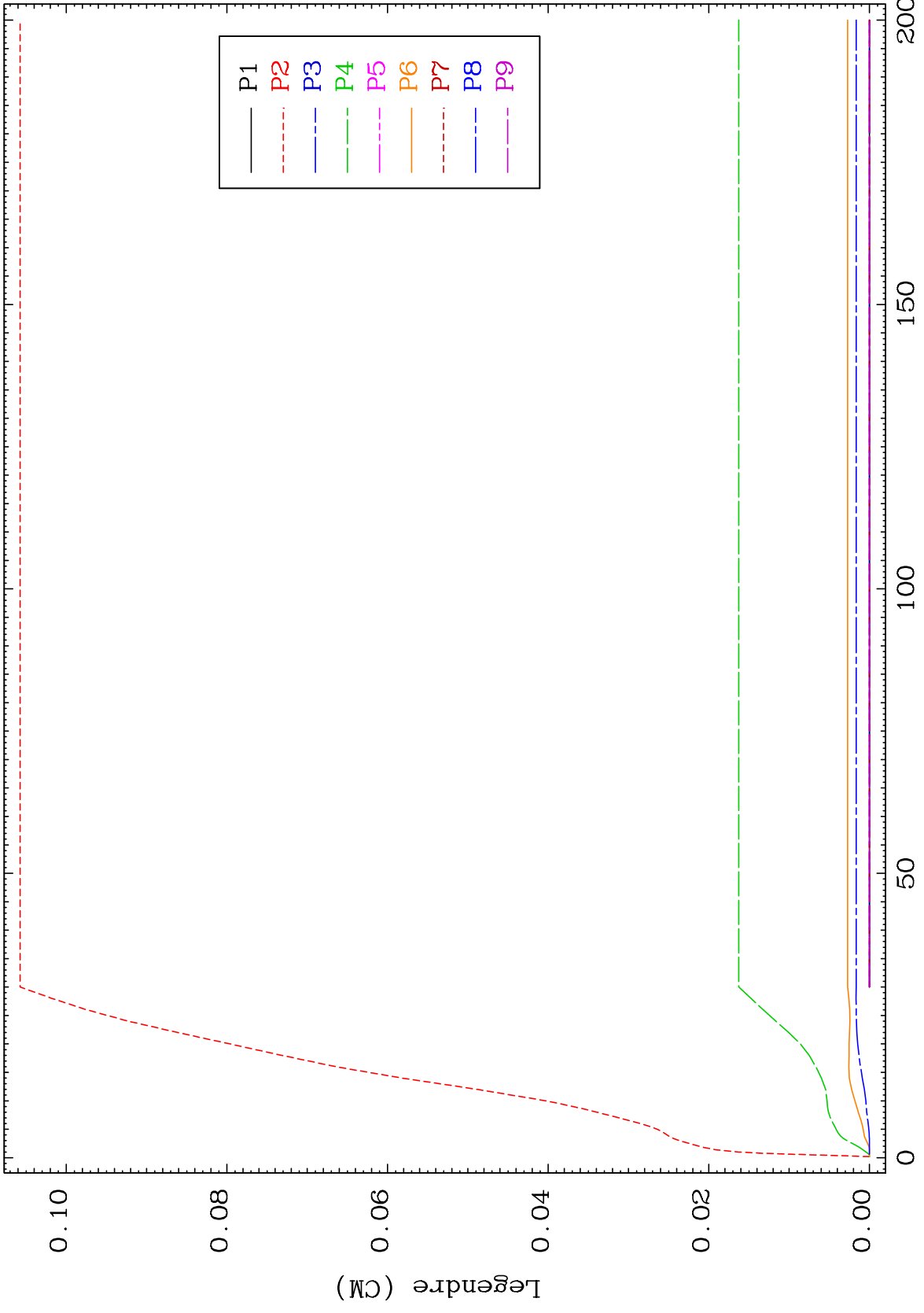
Incident Energy (MeV)

87

MAT 6328

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

63-Eu-152



88

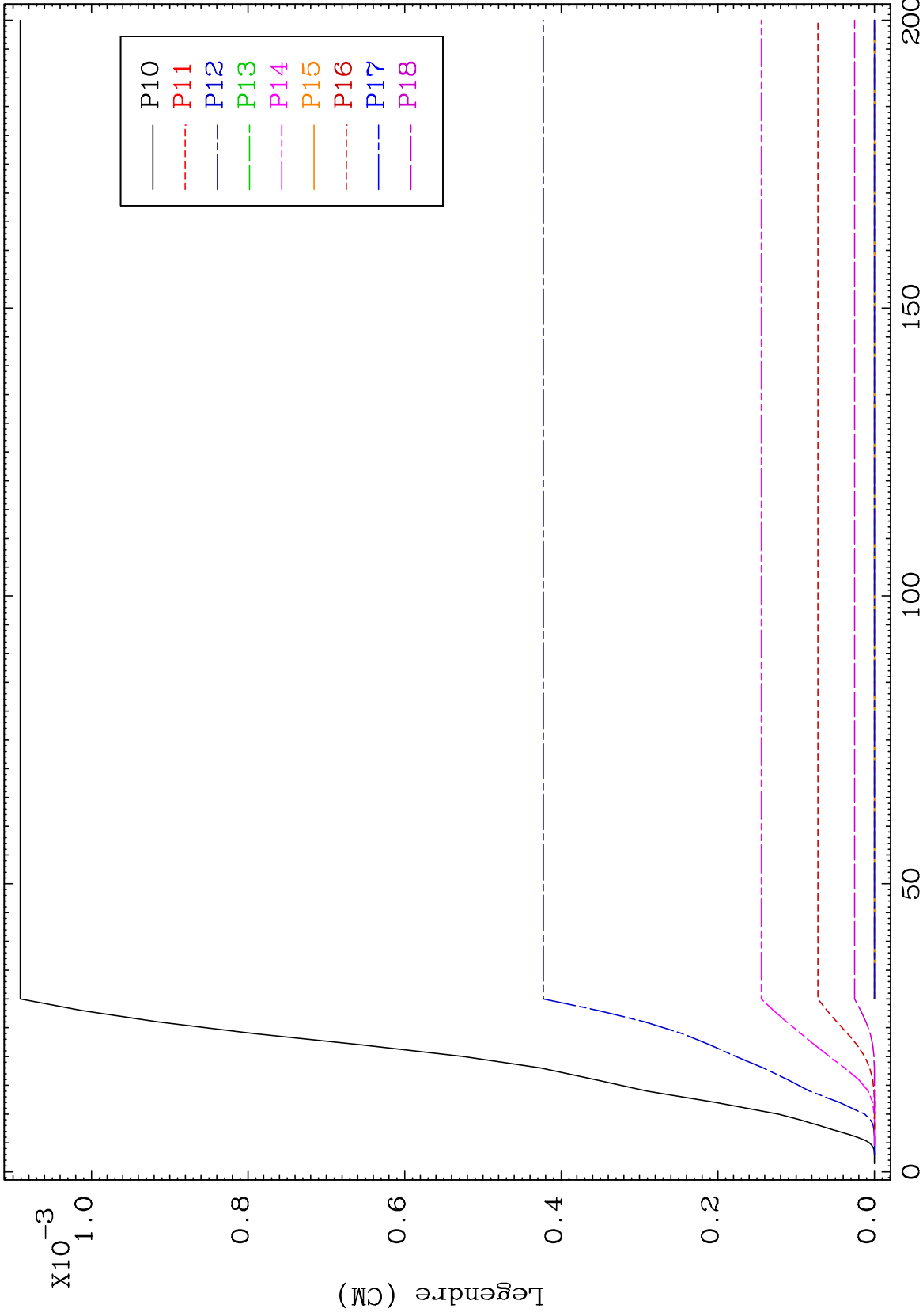
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



89

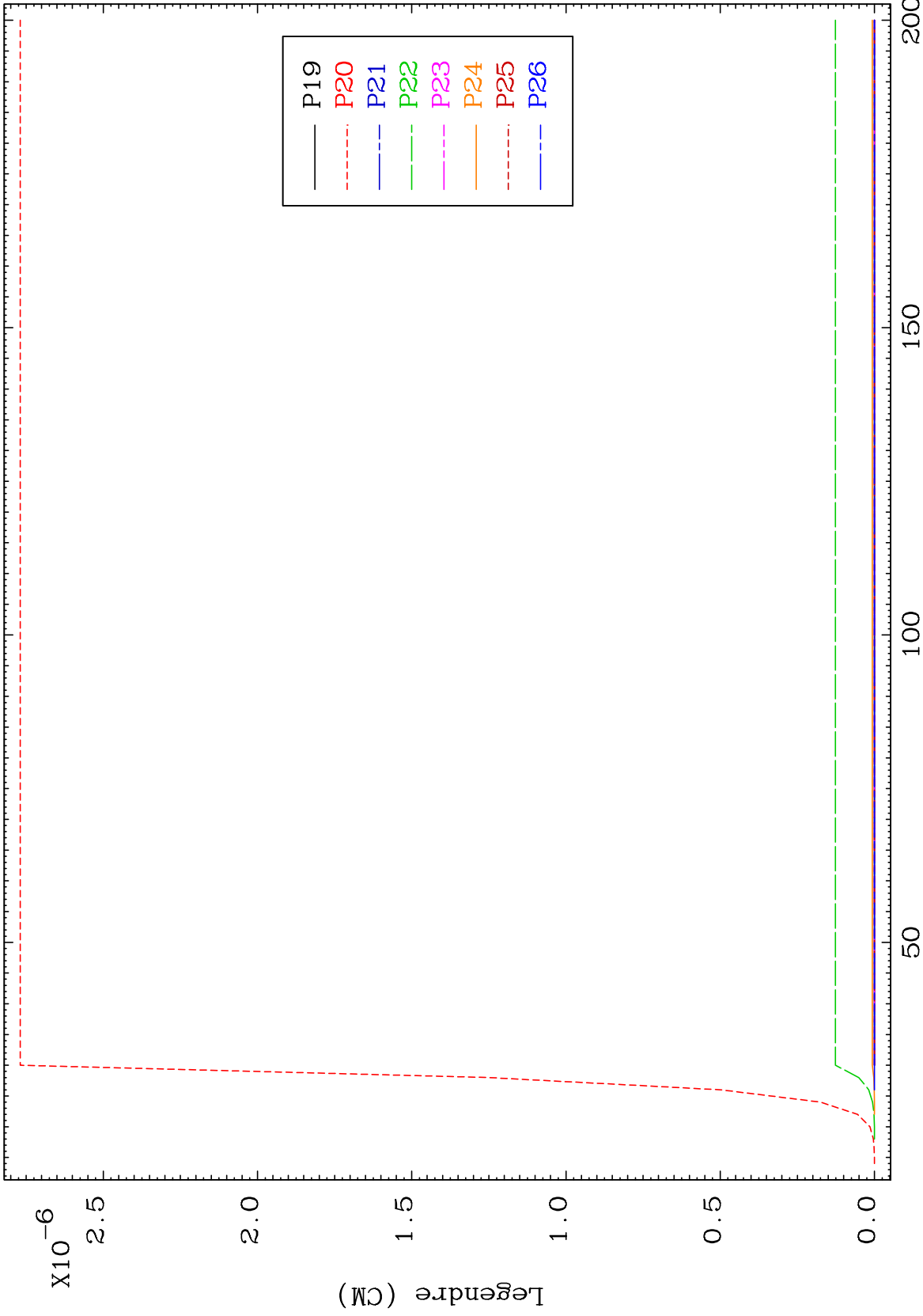
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



90

Incident Energy (MeV)

50

100

150

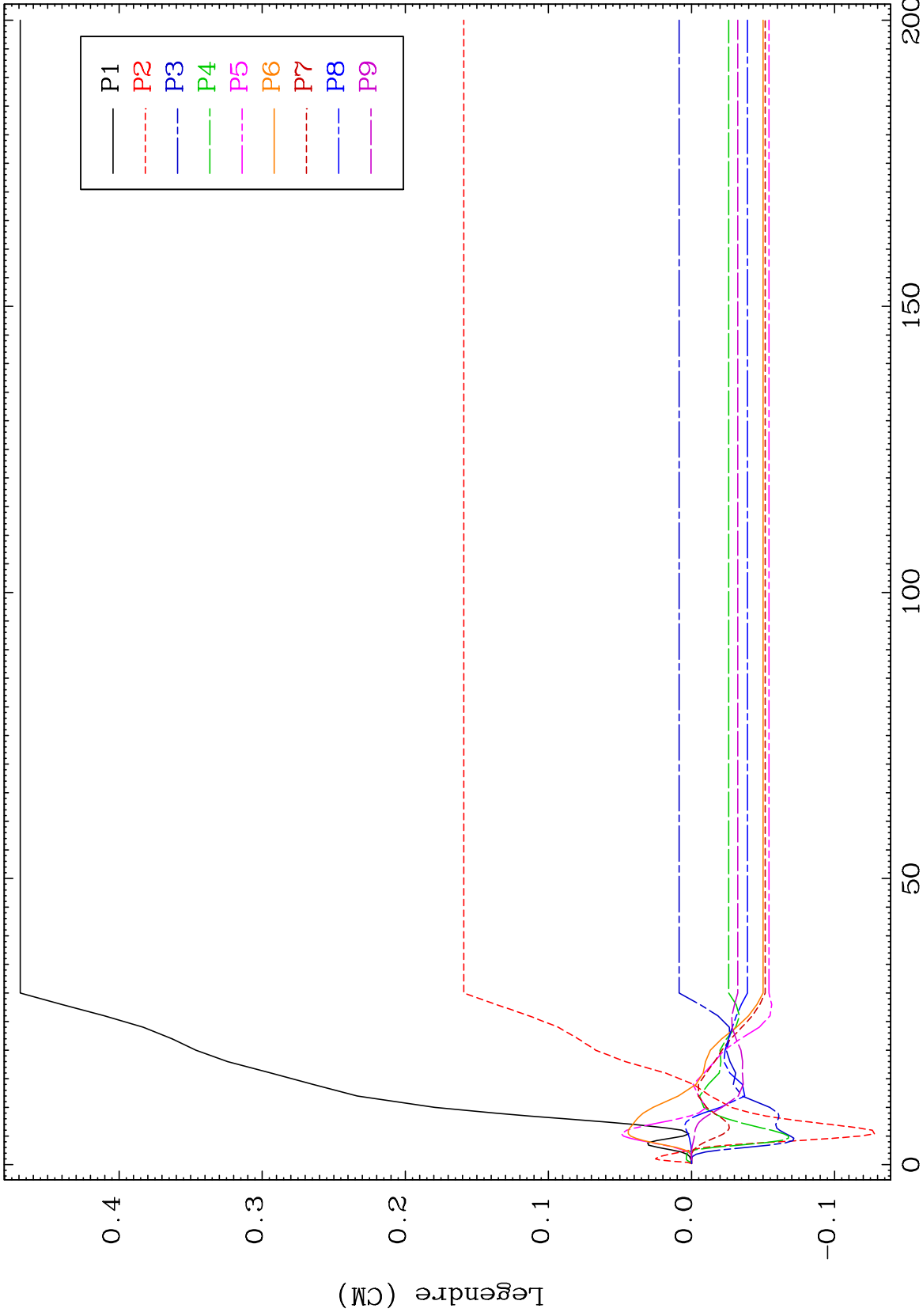
200

63-Eu-152

MAT 6328

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

63-Eu-152



91

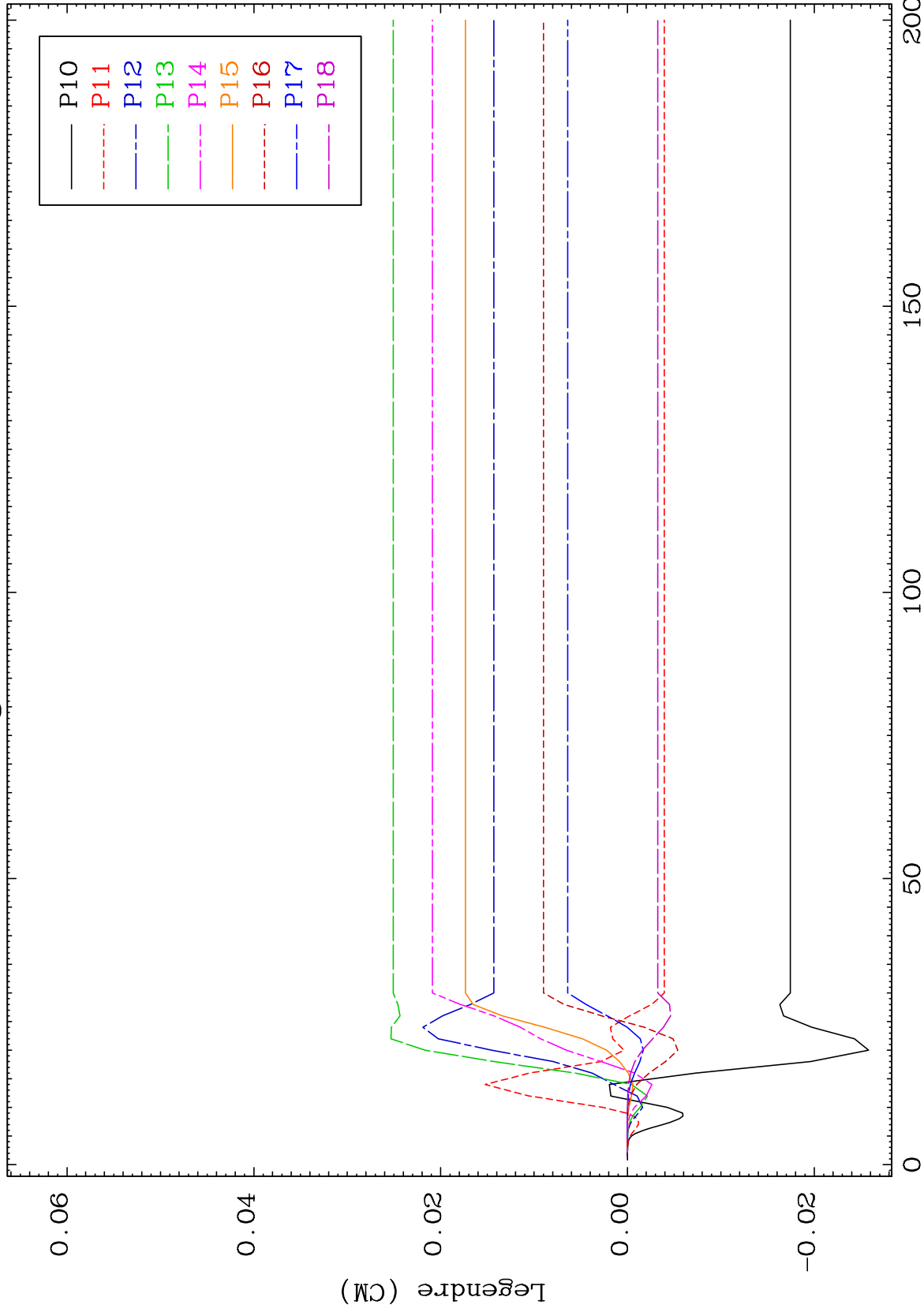
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



92

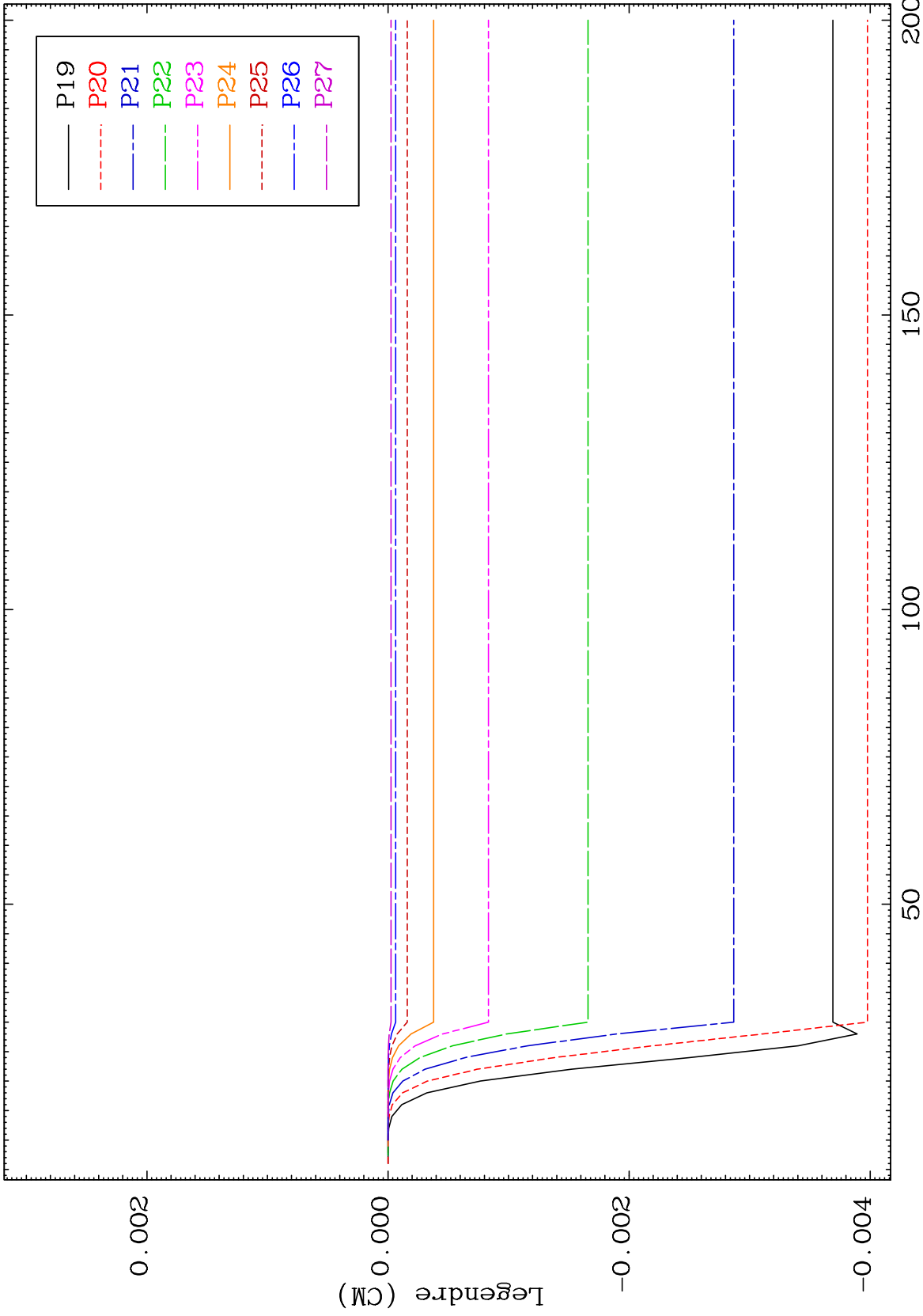
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



93

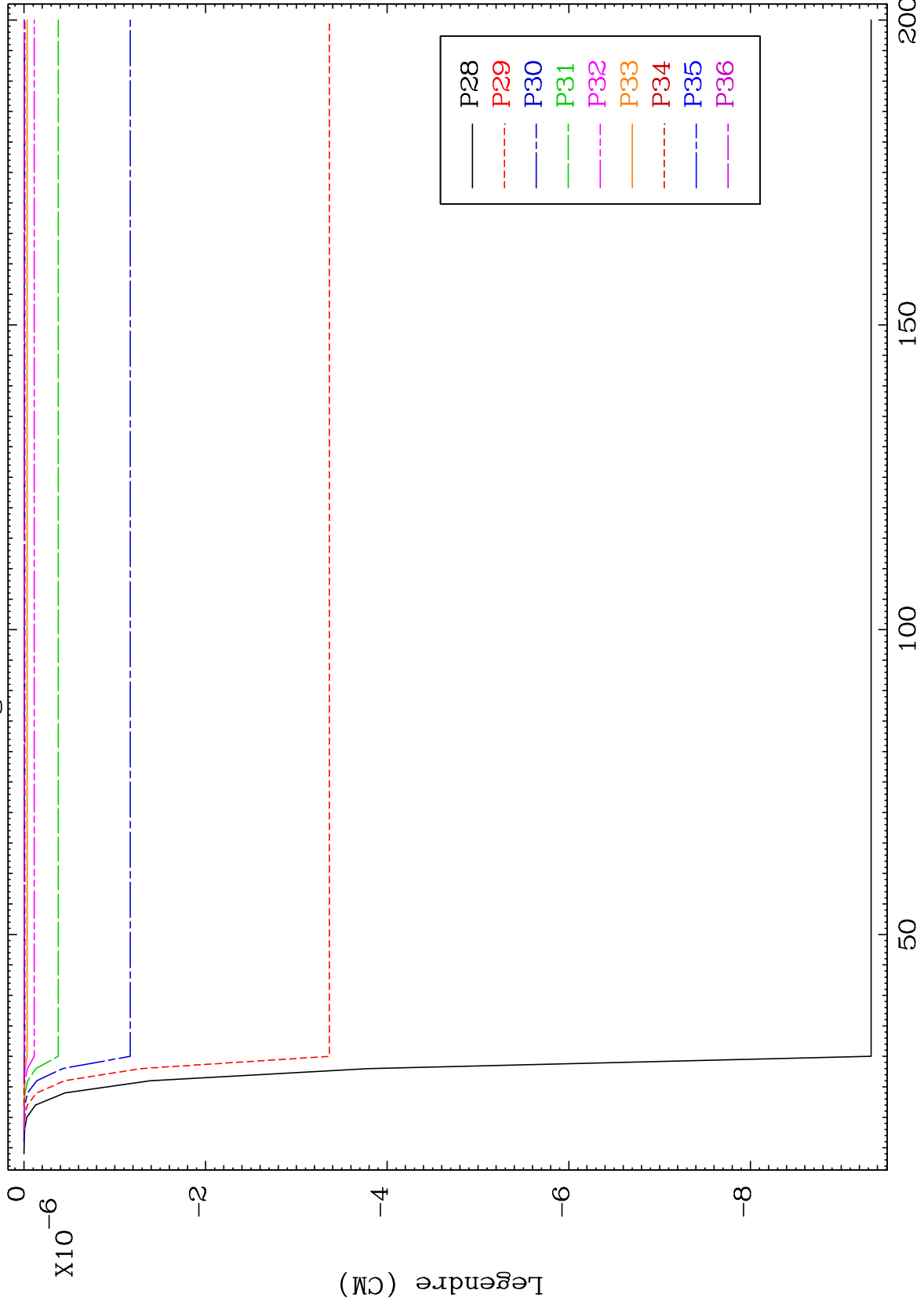
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



63-Eu-152

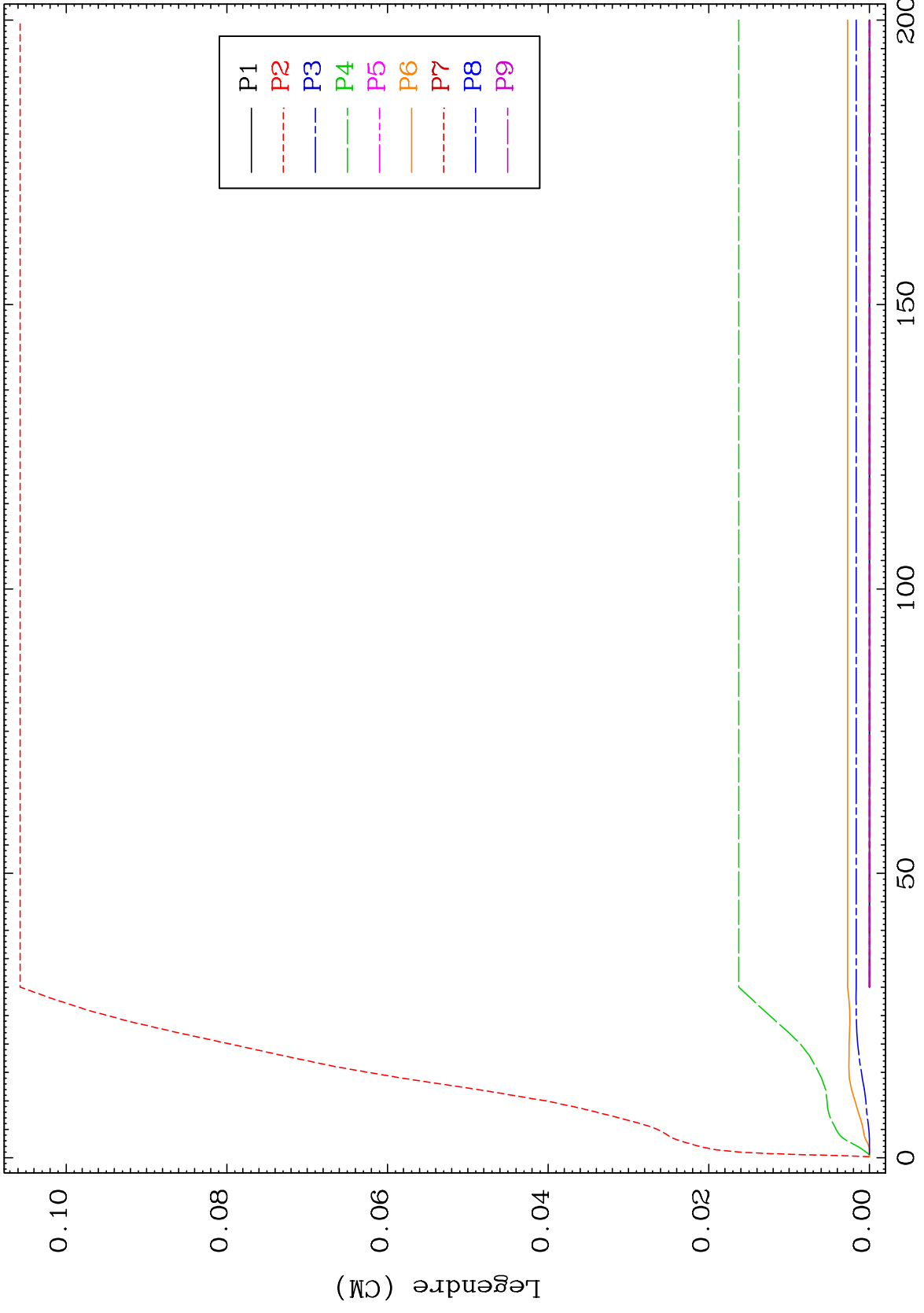
Incident Energy (MeV)

94

MAT 6328

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

63-Eu-152



95

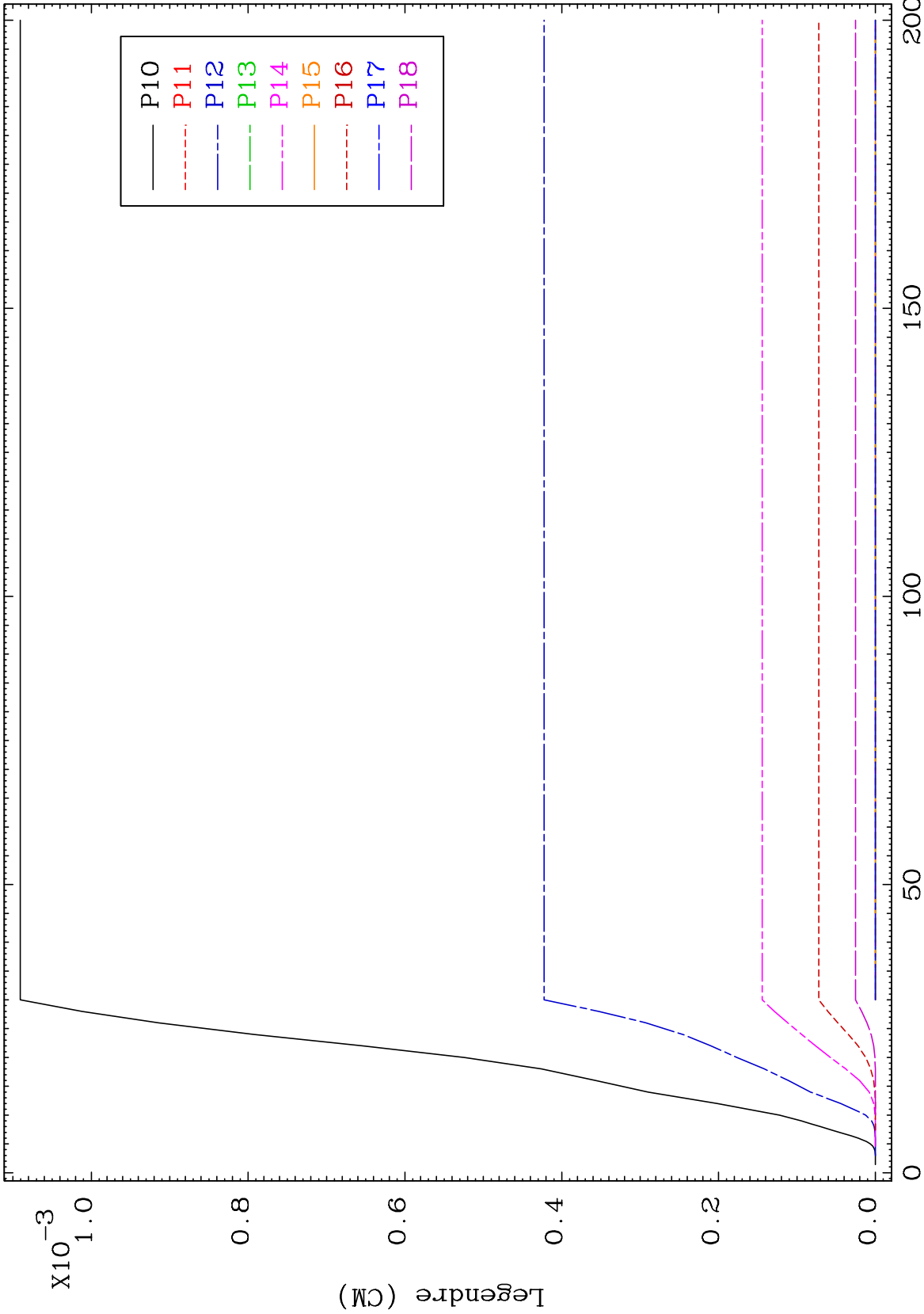
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



96

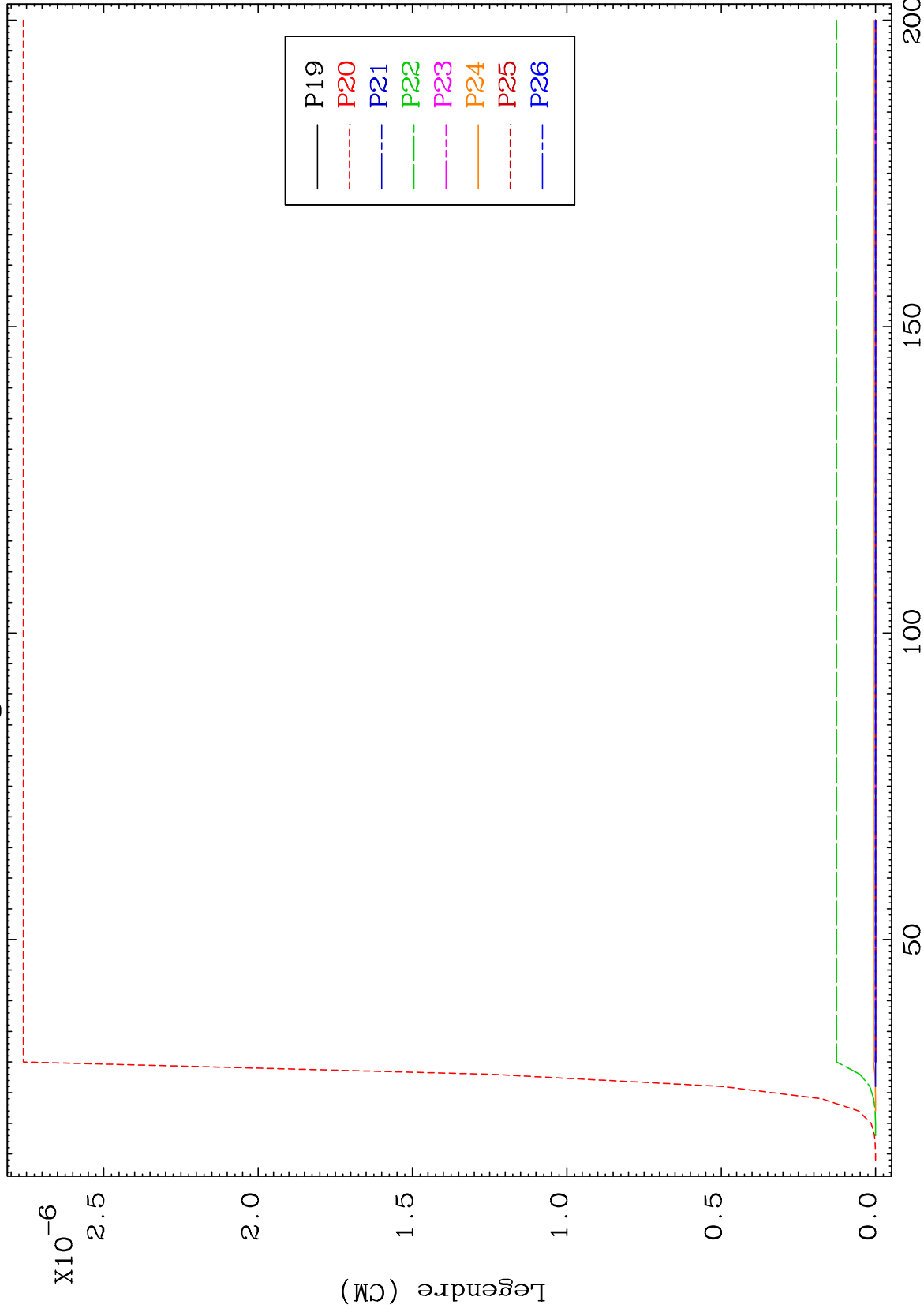
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



97

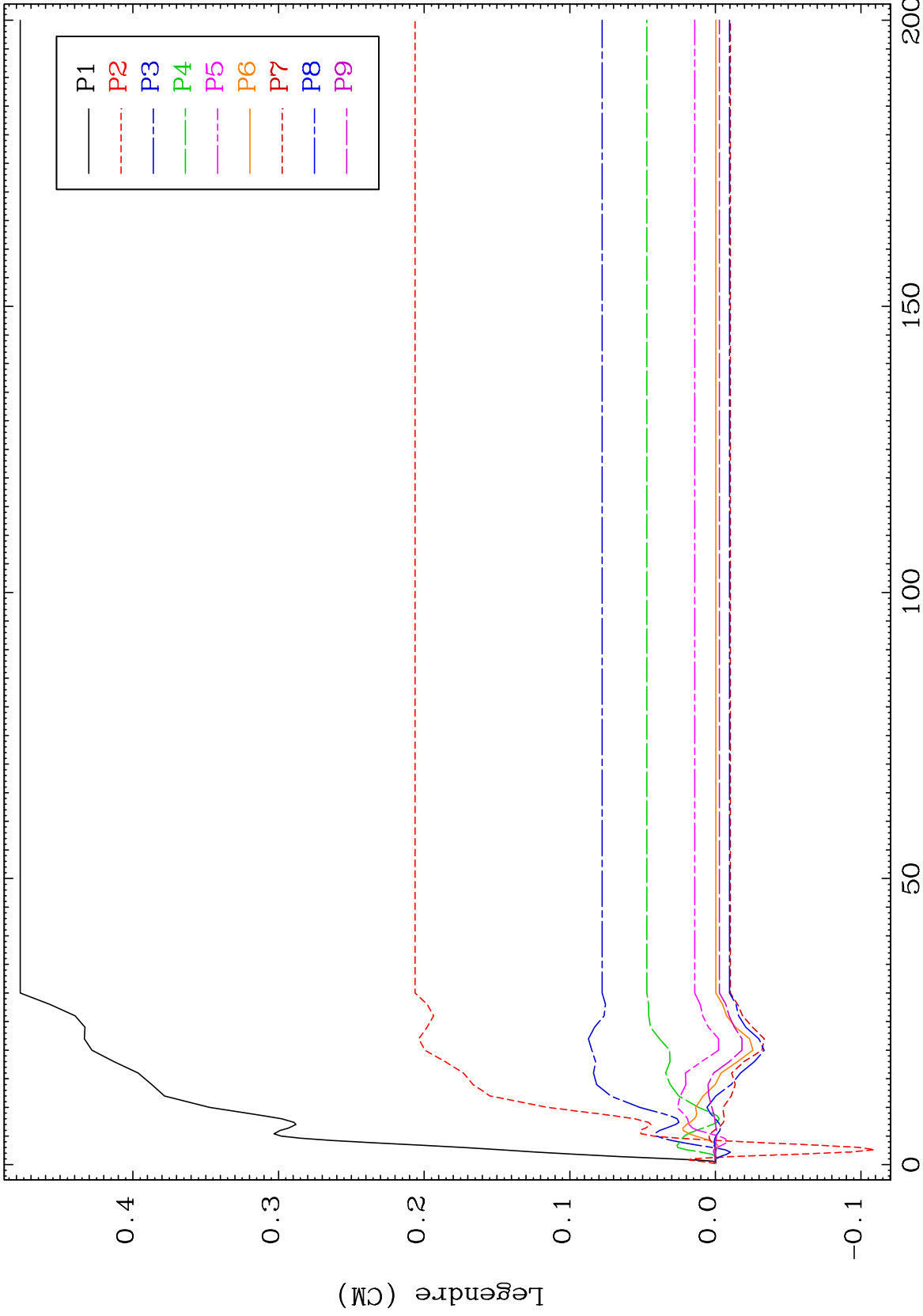
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



98

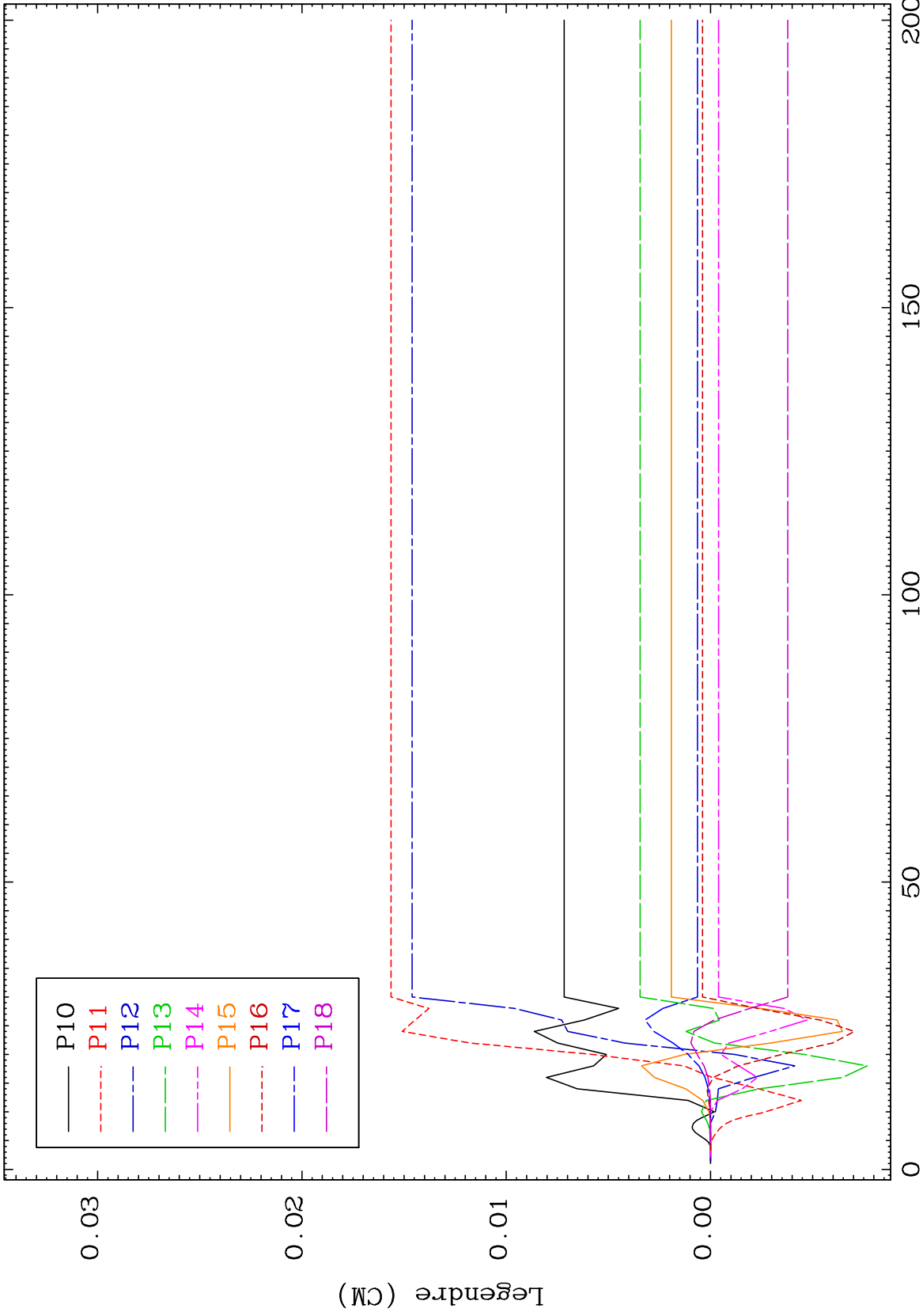
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



99

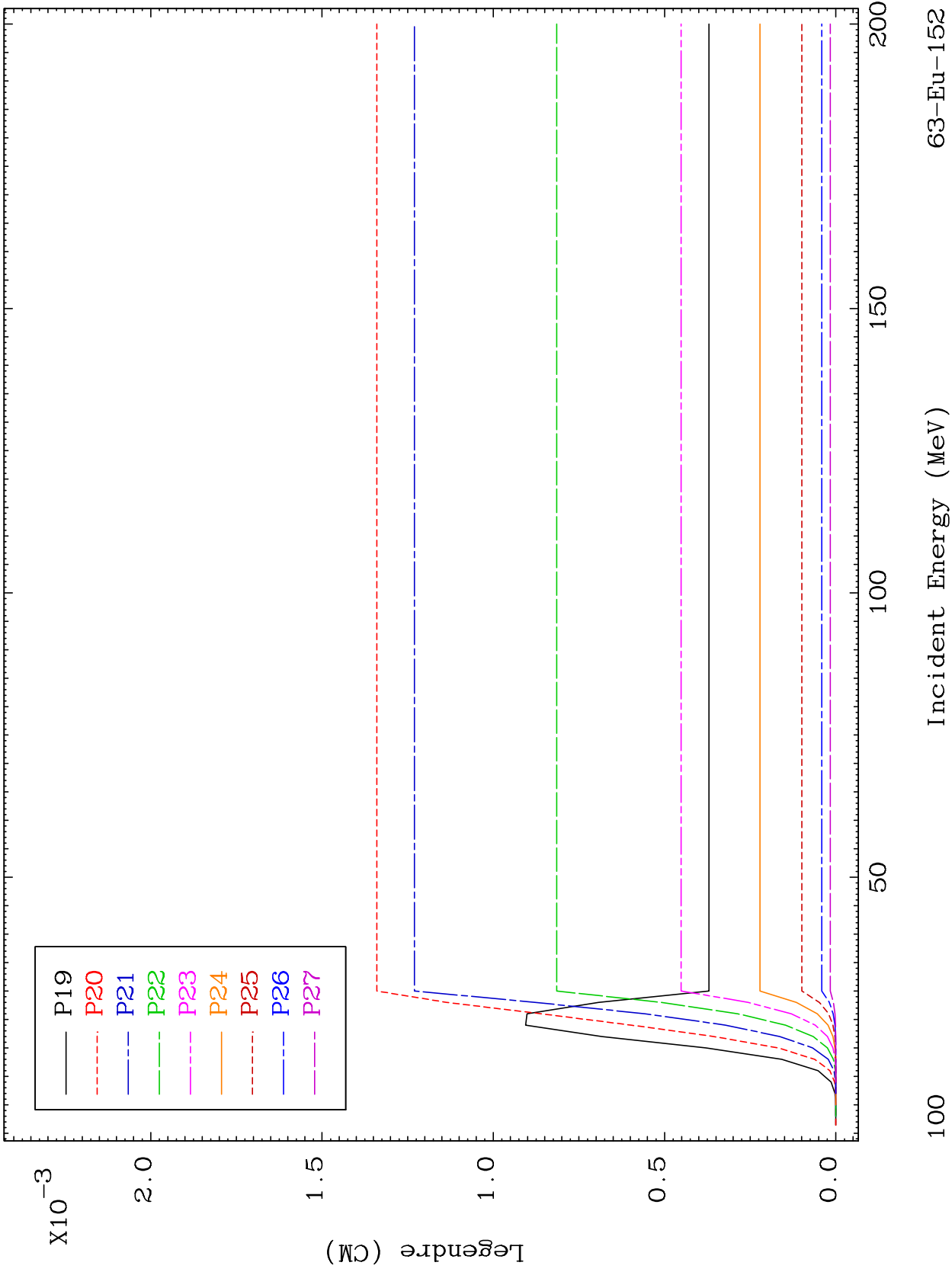
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152

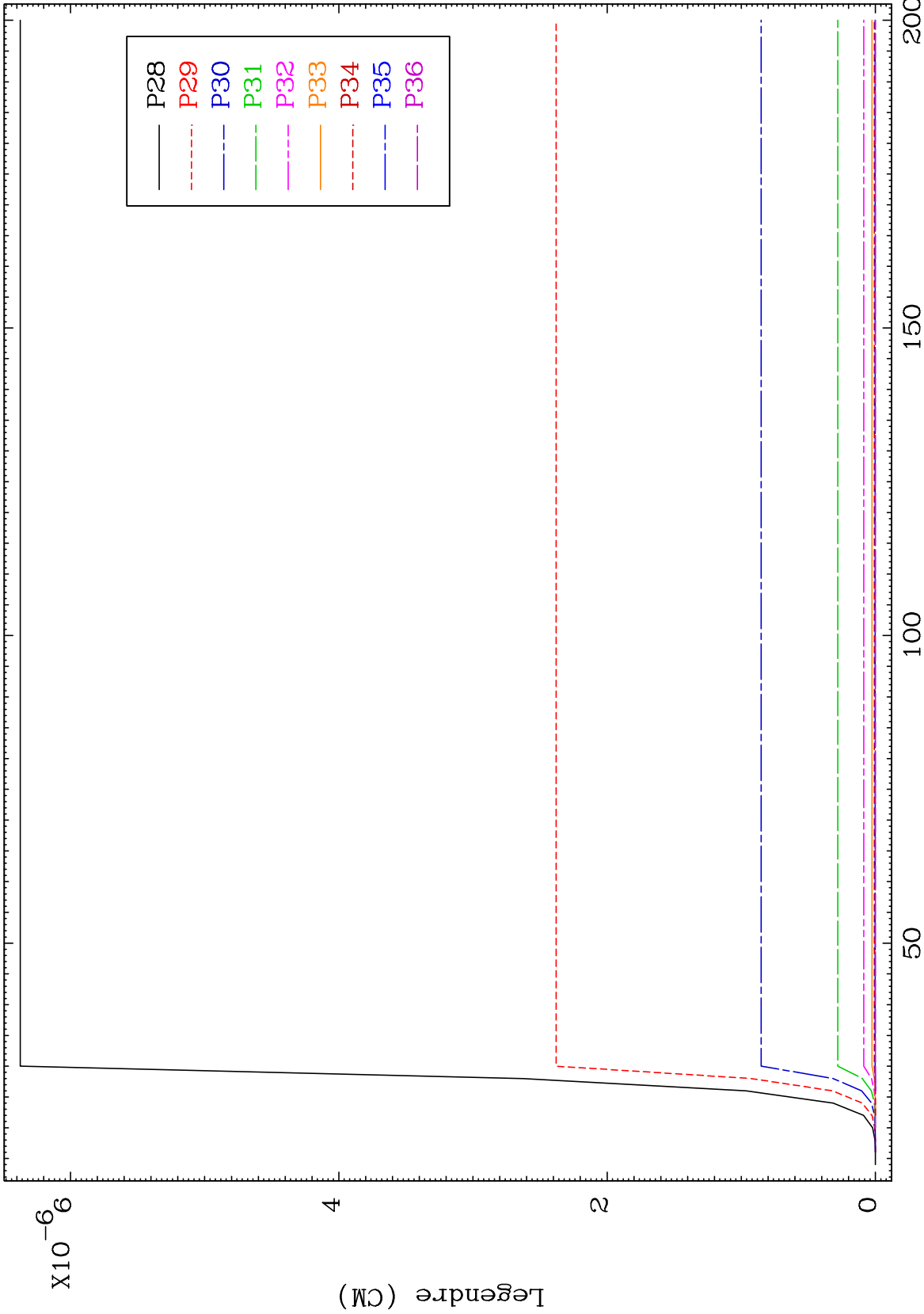


63-Eu-152

MAT 6328

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

63-Eu-152



101

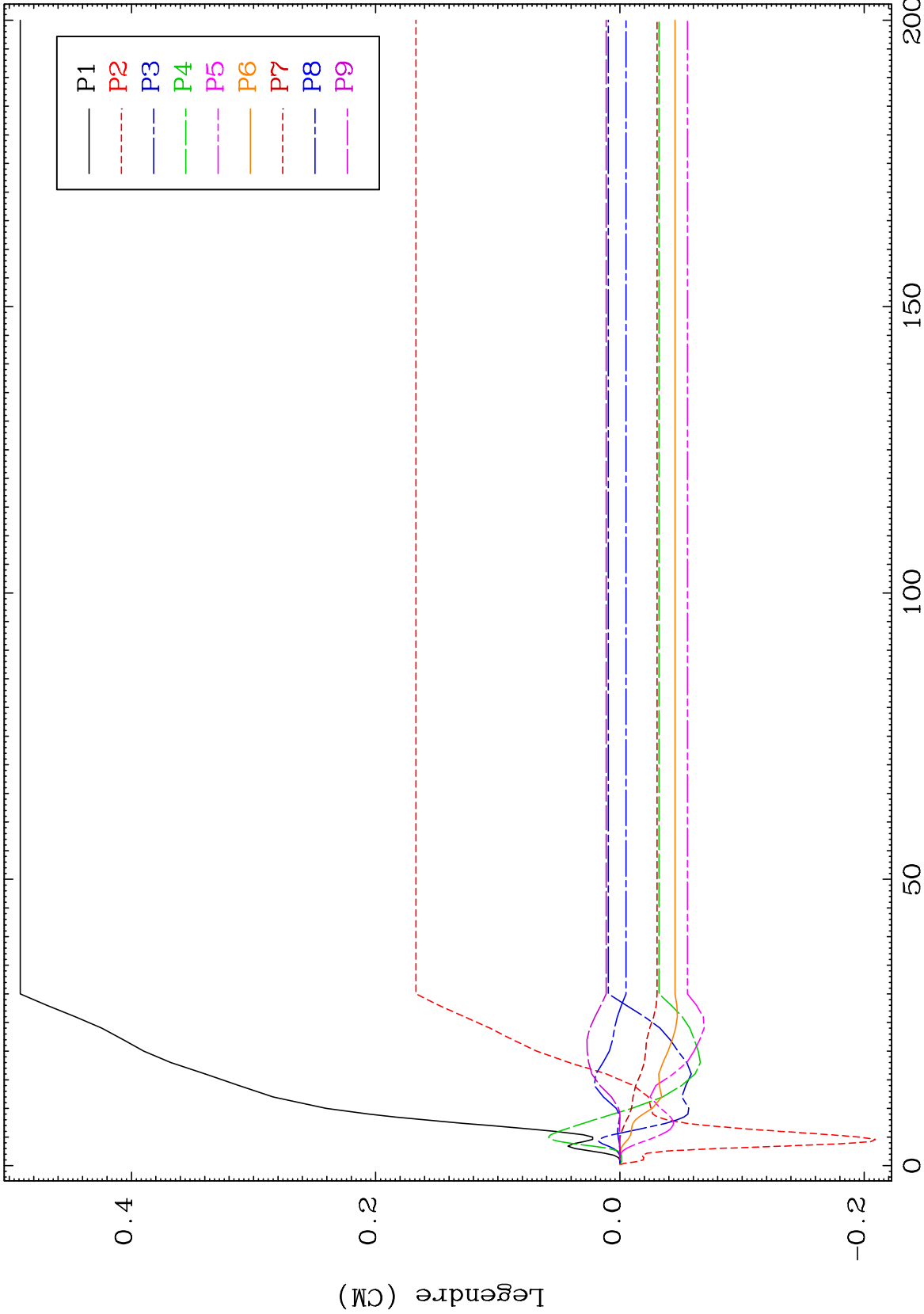
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



63-Eu-152

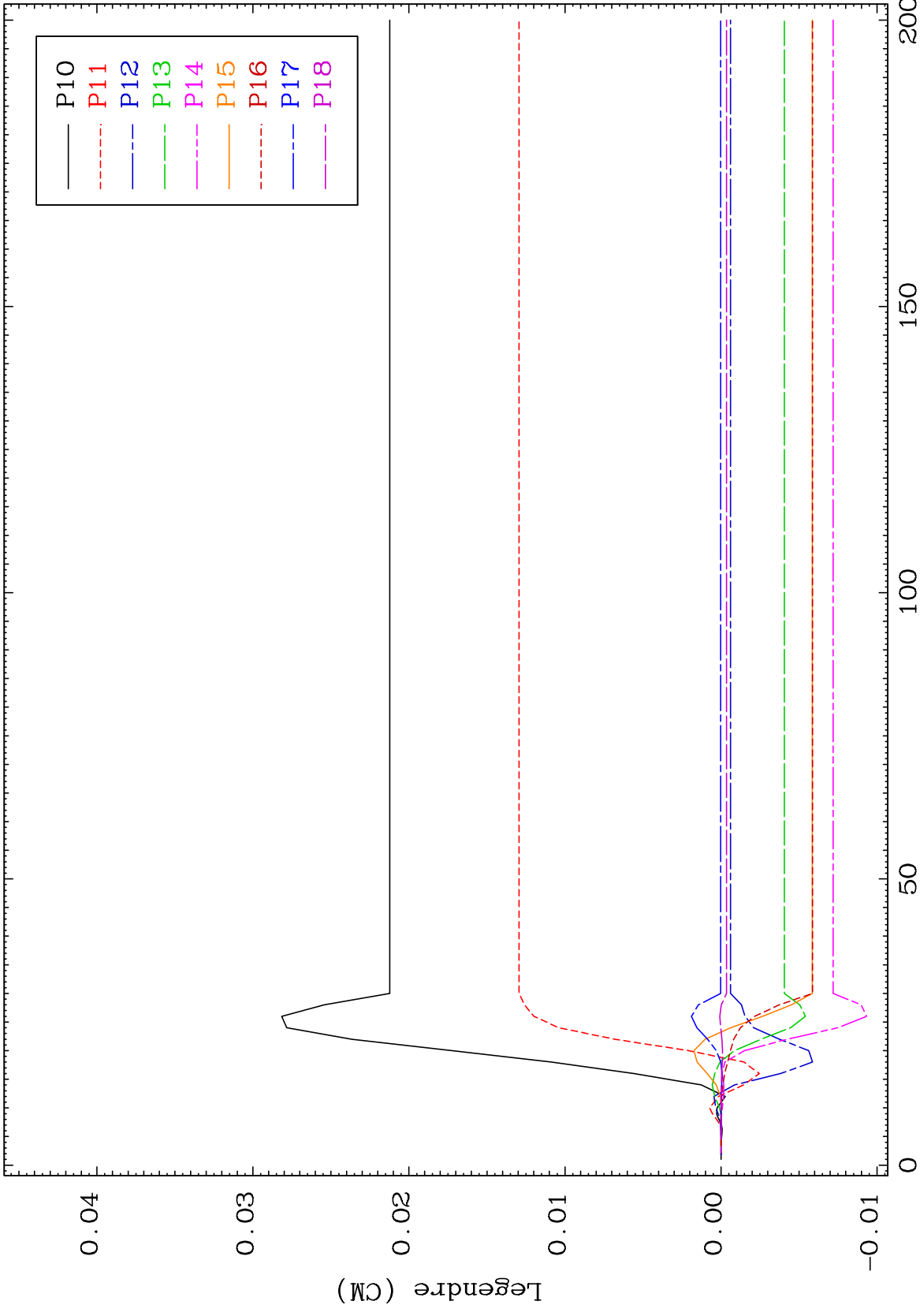
Incident Energy (MeV)

102

MAT 6328

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

63-Eu-152



103

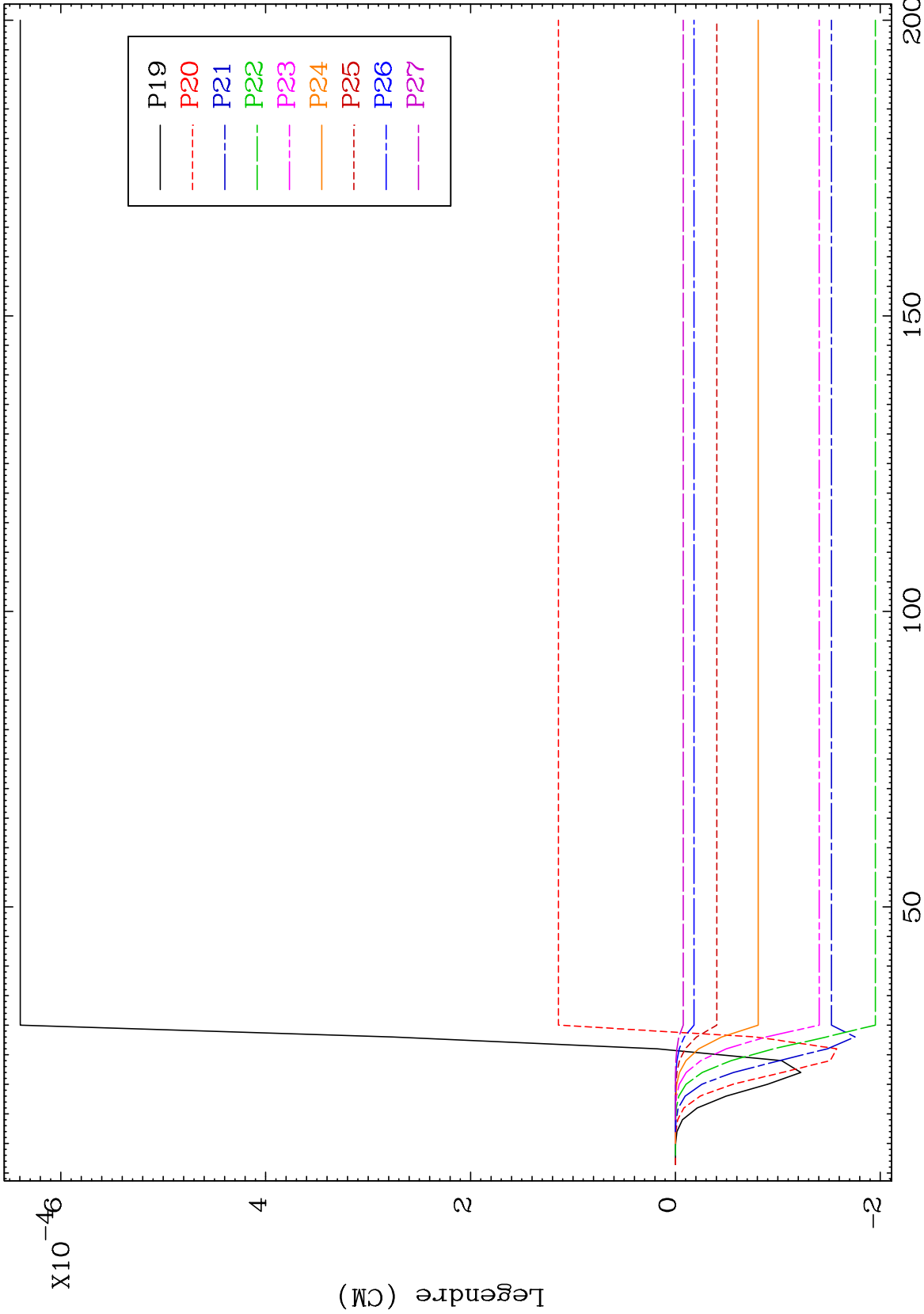
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



104

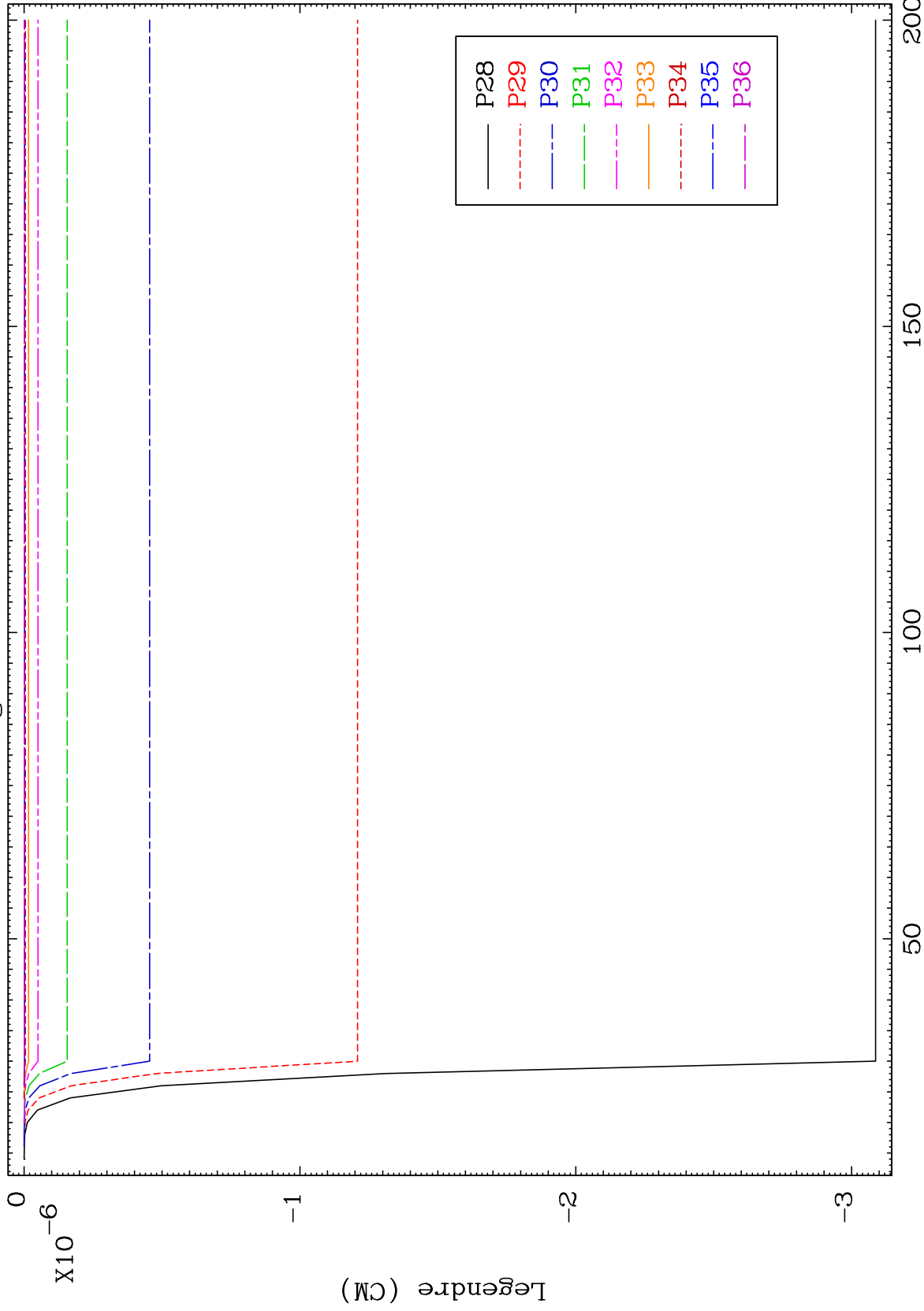
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



63-Eu-152

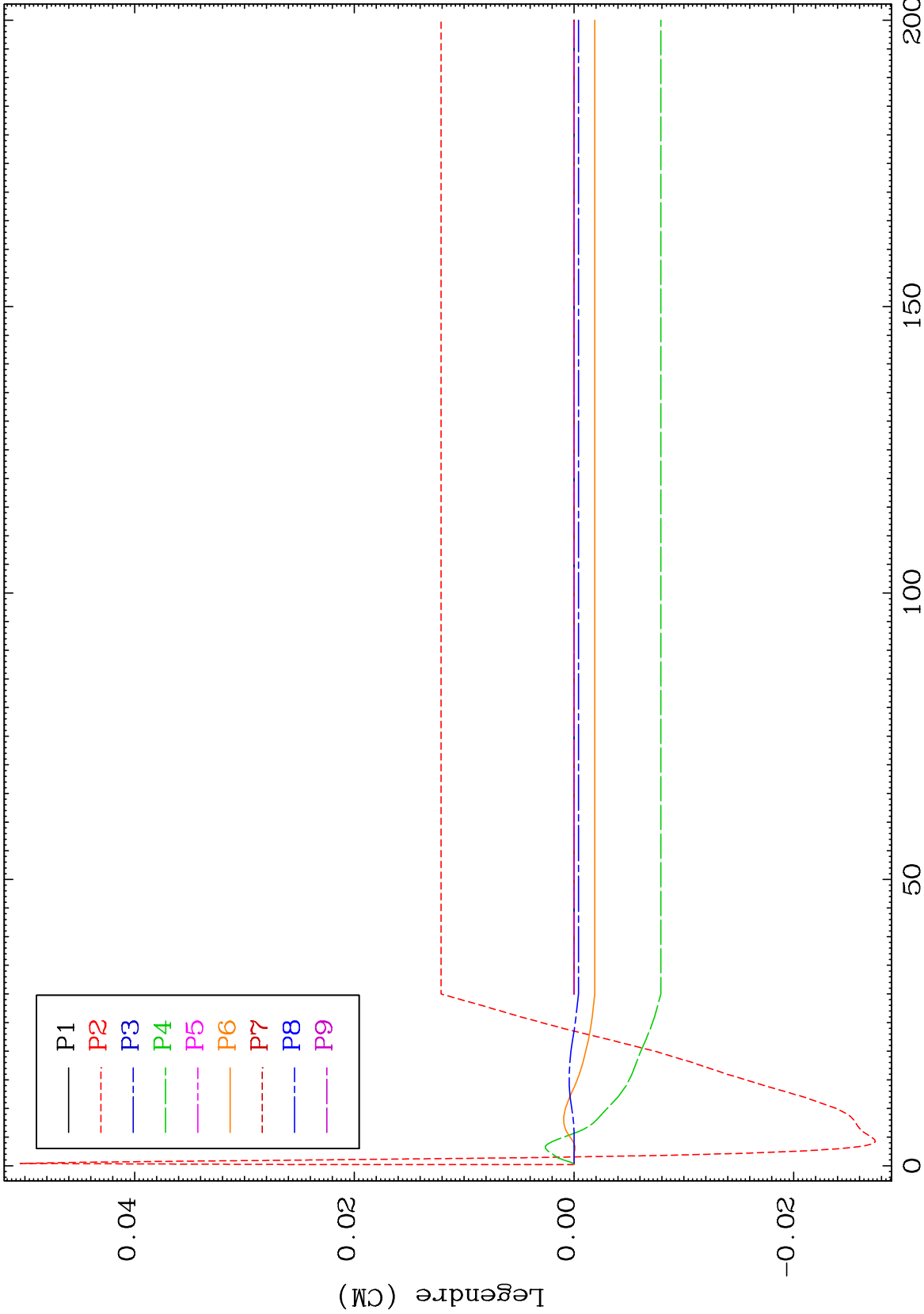
Incident Energy (MeV)

105

MAT 6328

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

63-Eu-152



63-Eu-152

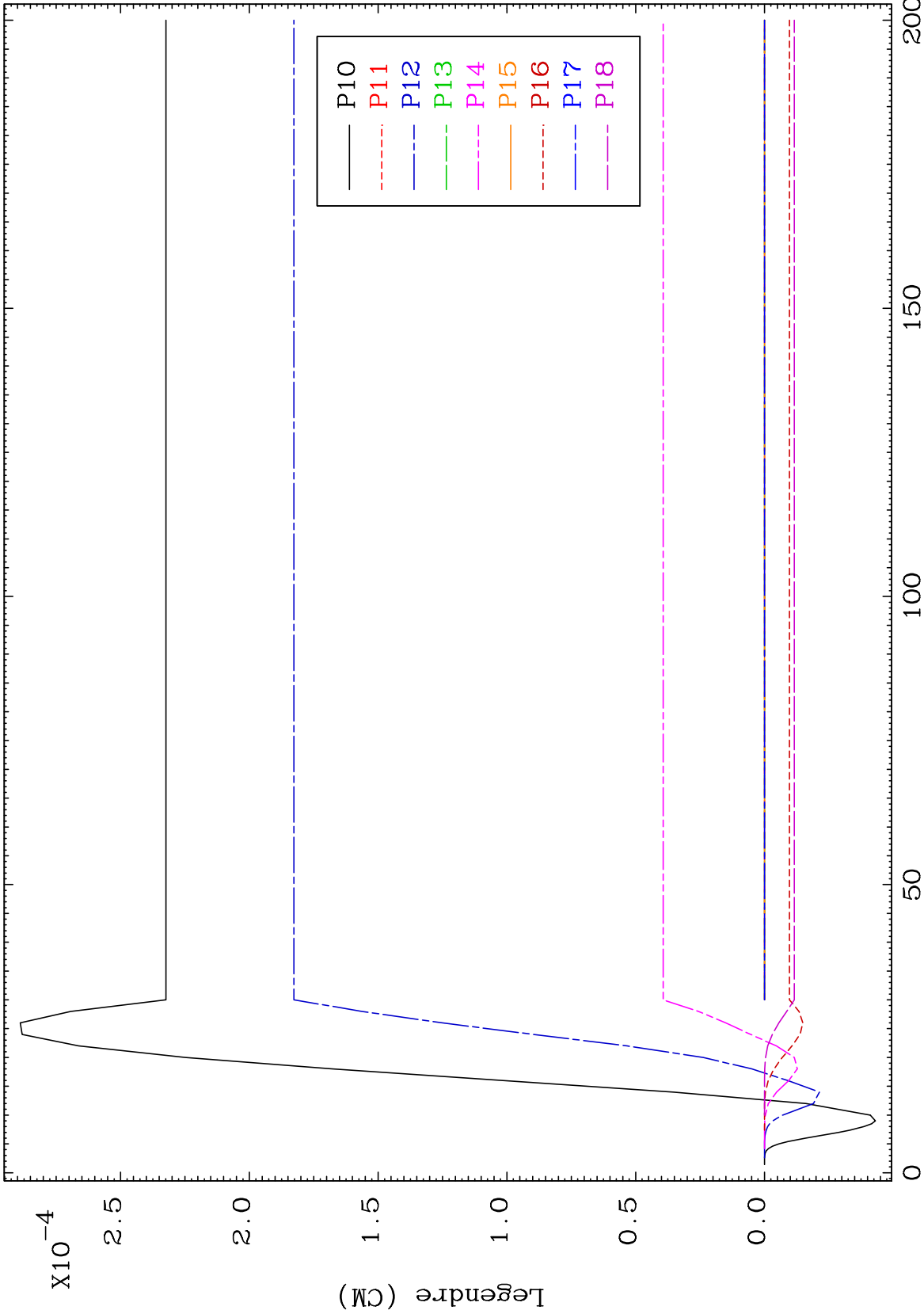
Incident Energy (MeV)

106

MAT 6328

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

63-Eu-152

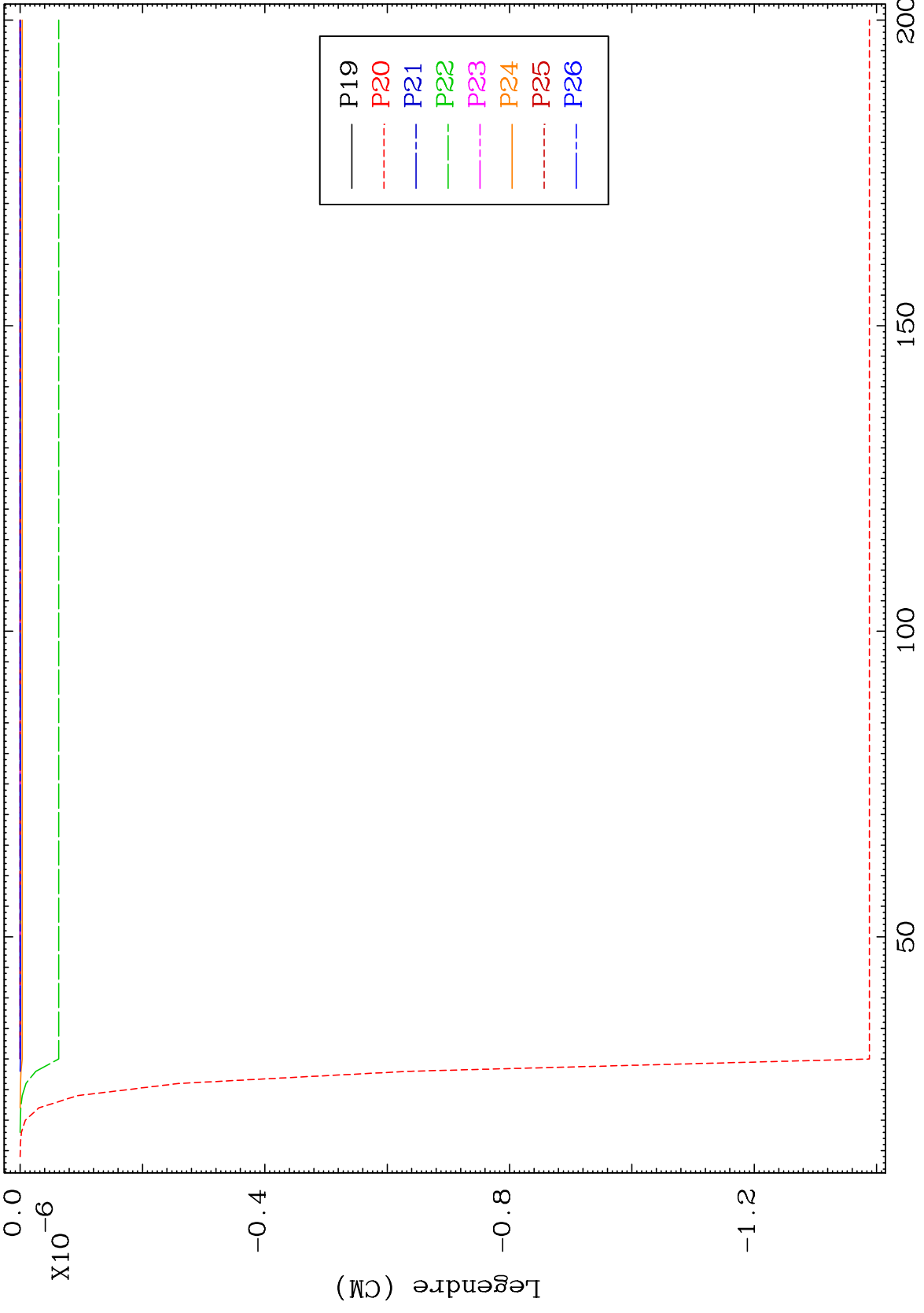


107

Incident Energy (MeV)

63-Eu-152

MAT 6328 MT= 76 (n,n') Level Legendre Coefficients 63-Eu-152

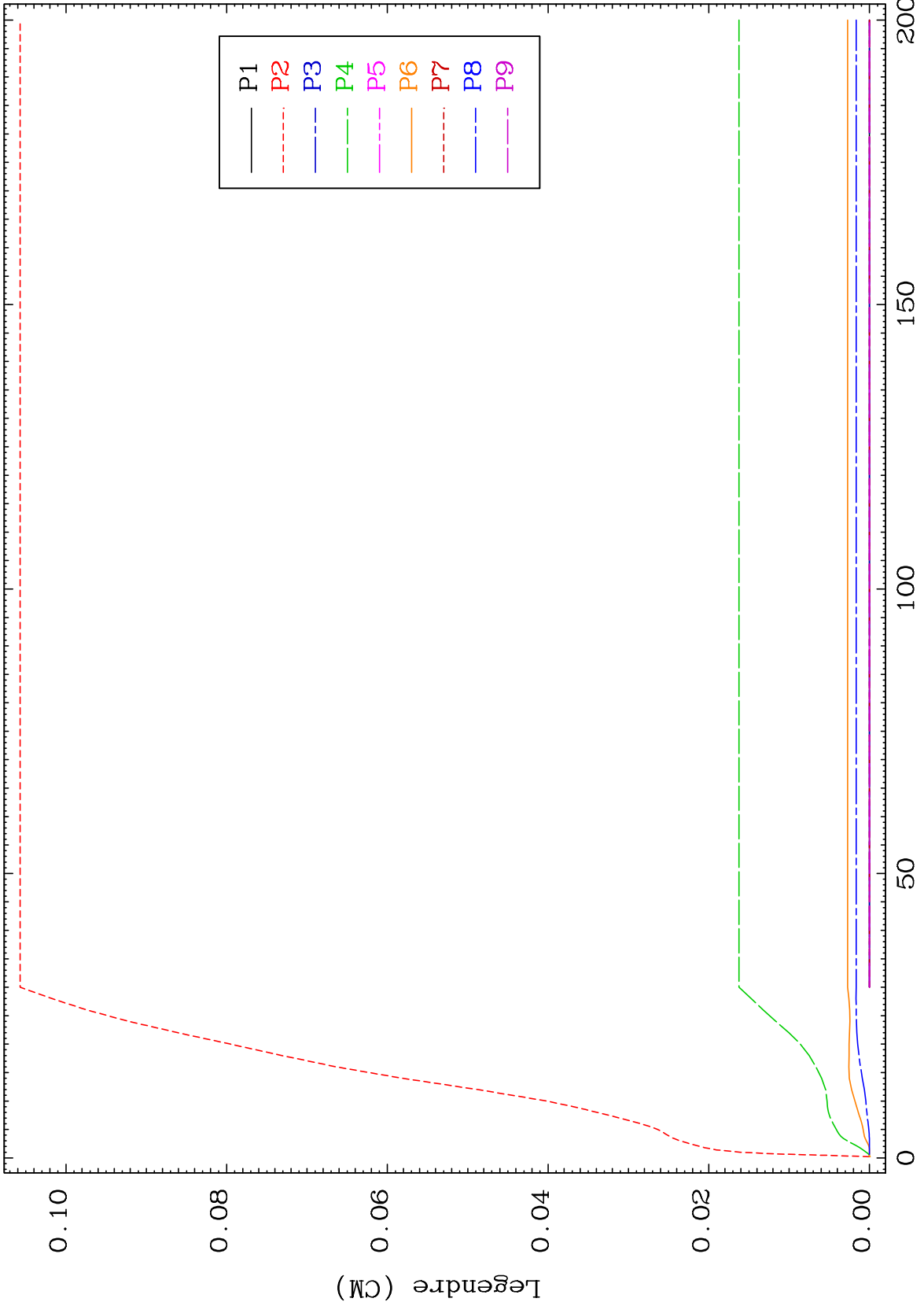


108 63-Eu-152

MAT 6328

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

63-Eu-152



63-Eu-152

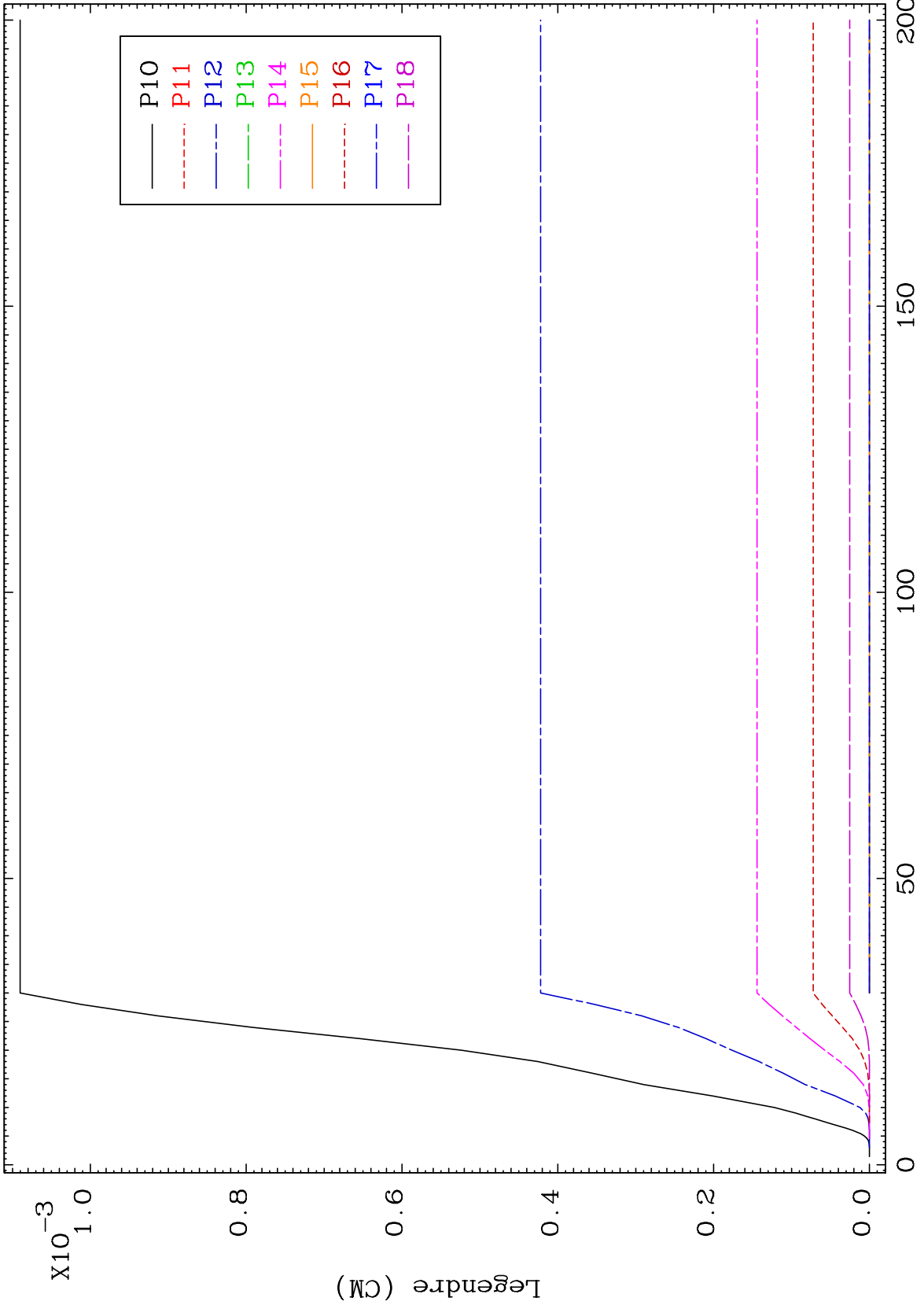
Incident Energy (MeV)

109

MAT 6328

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

63-Eu-152



110

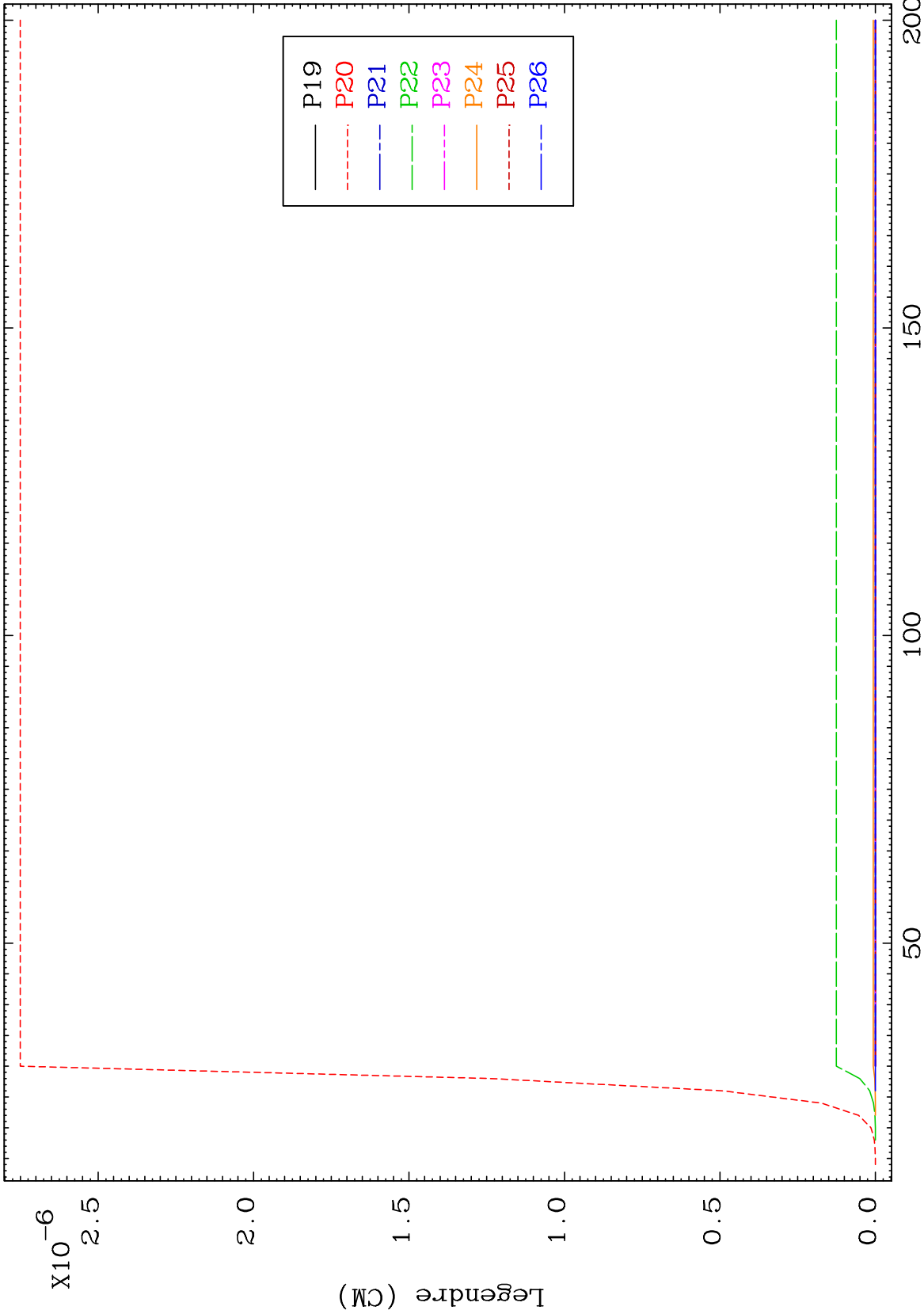
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



111

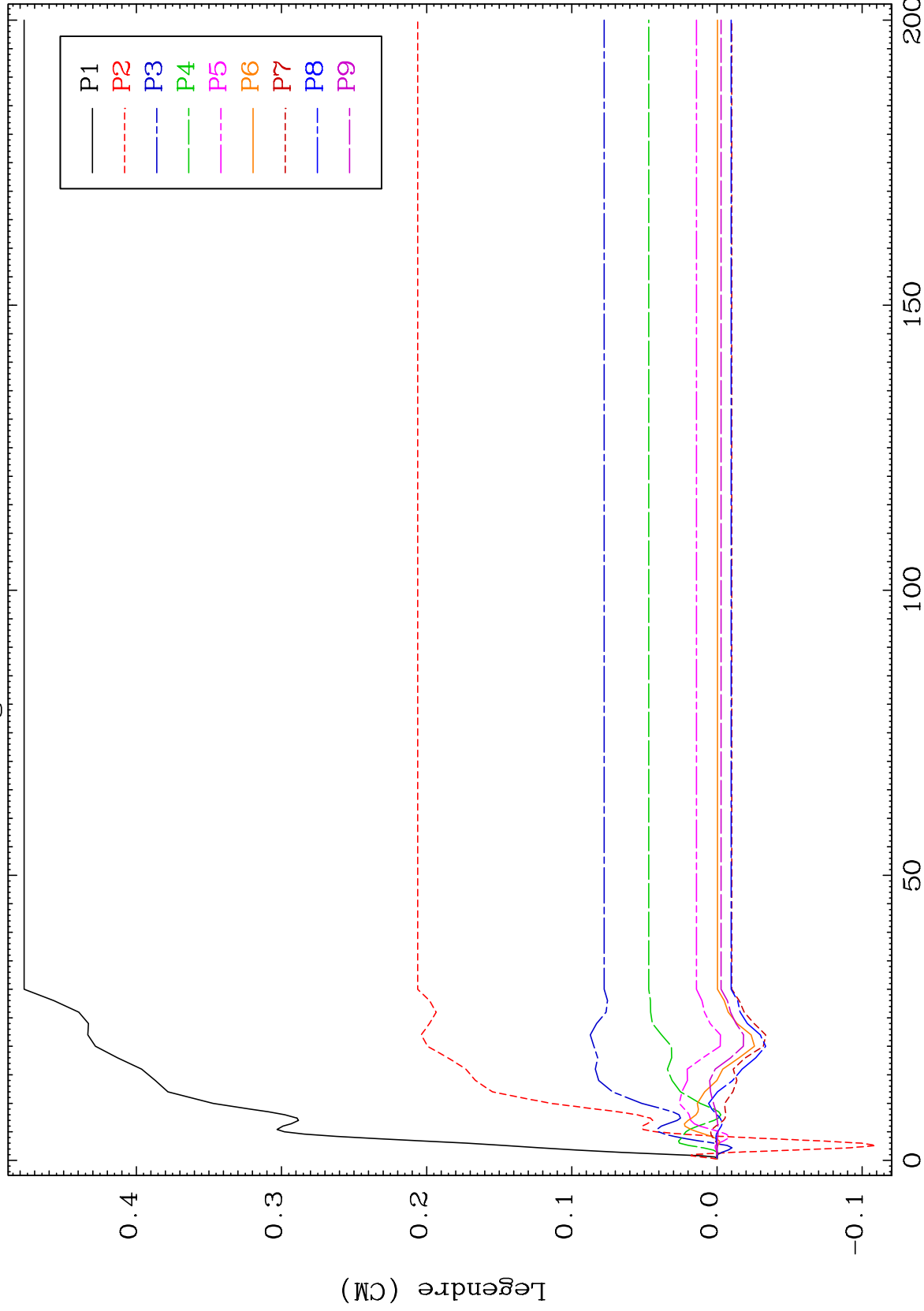
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



112

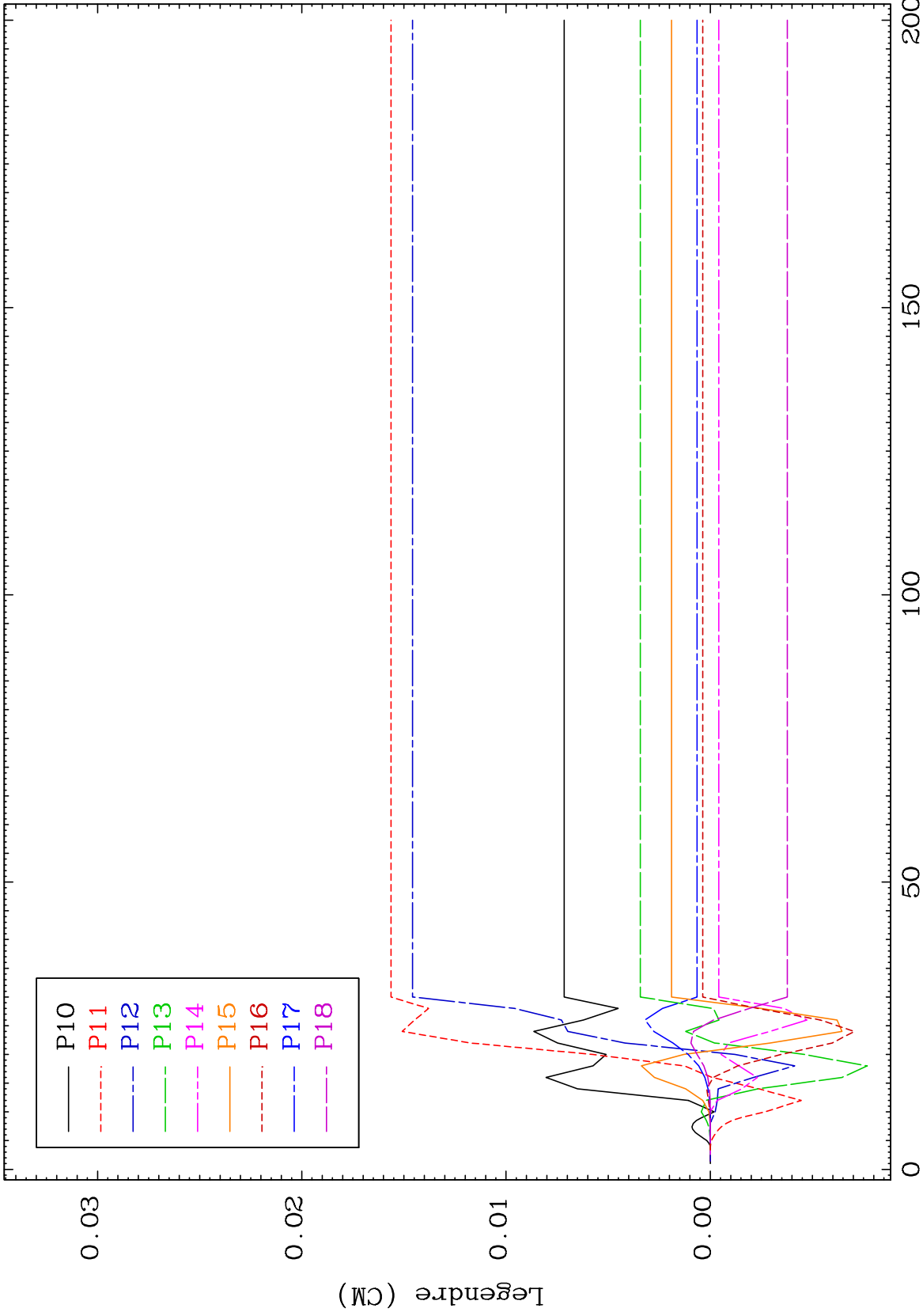
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



113

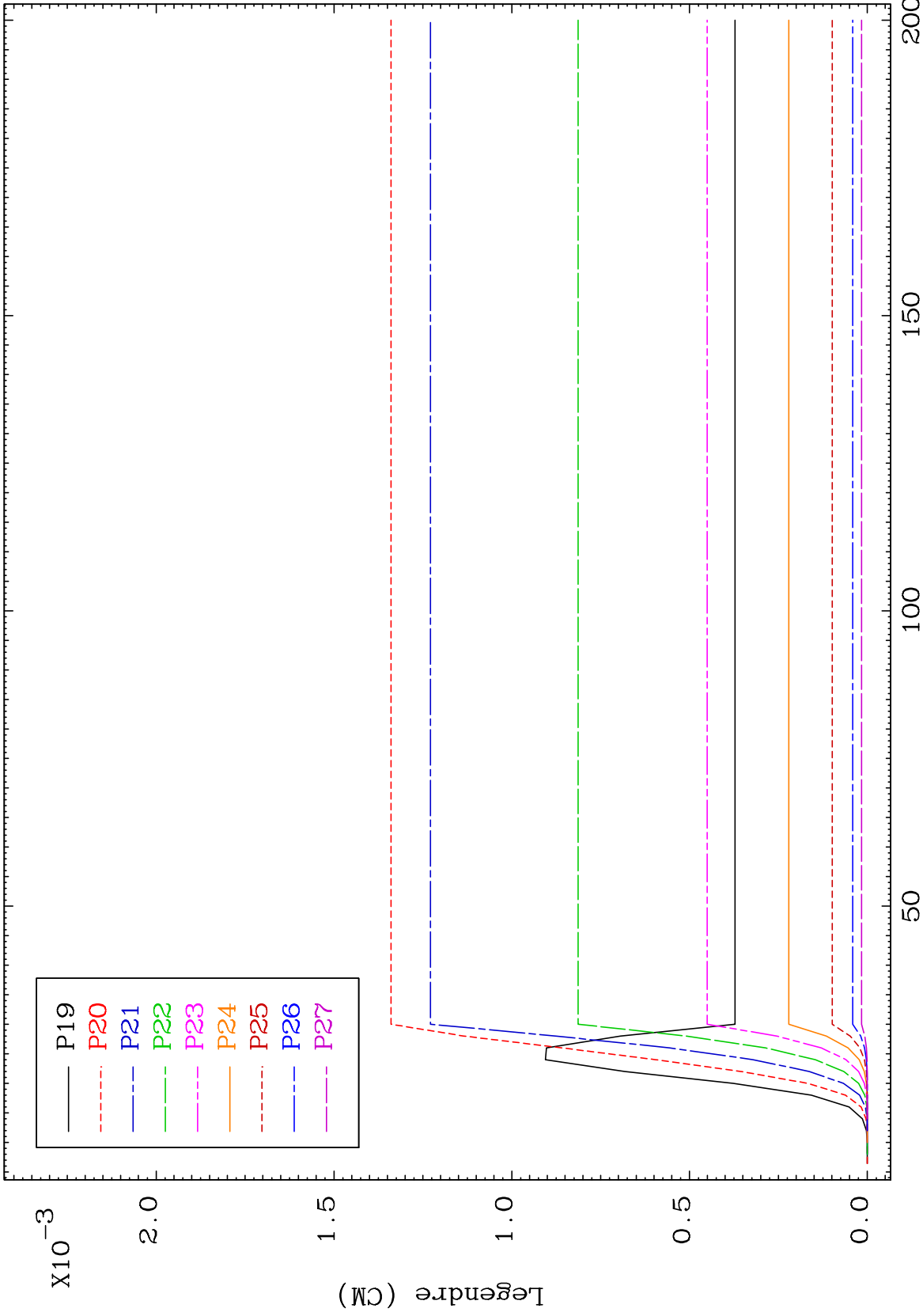
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



114

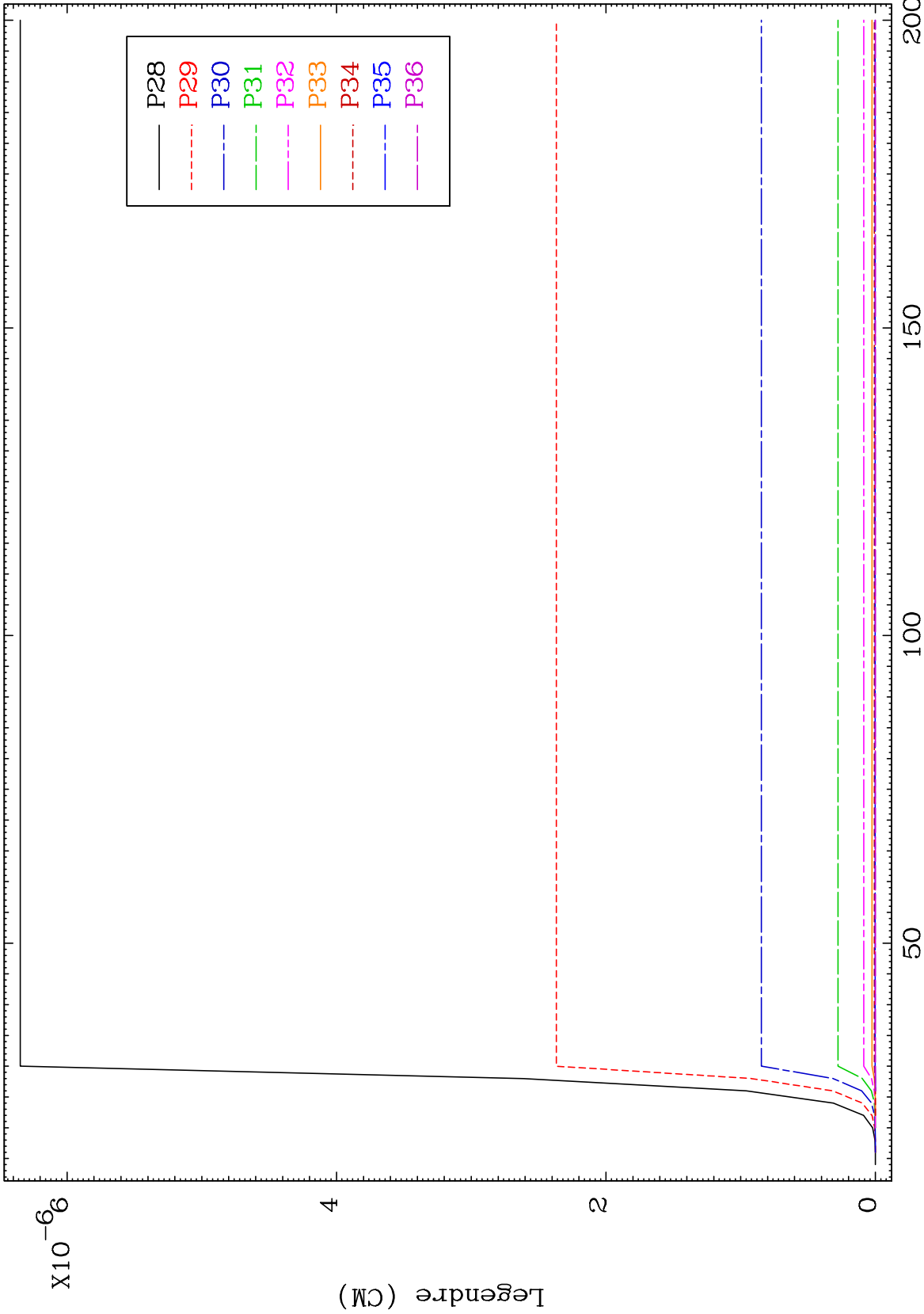
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



115

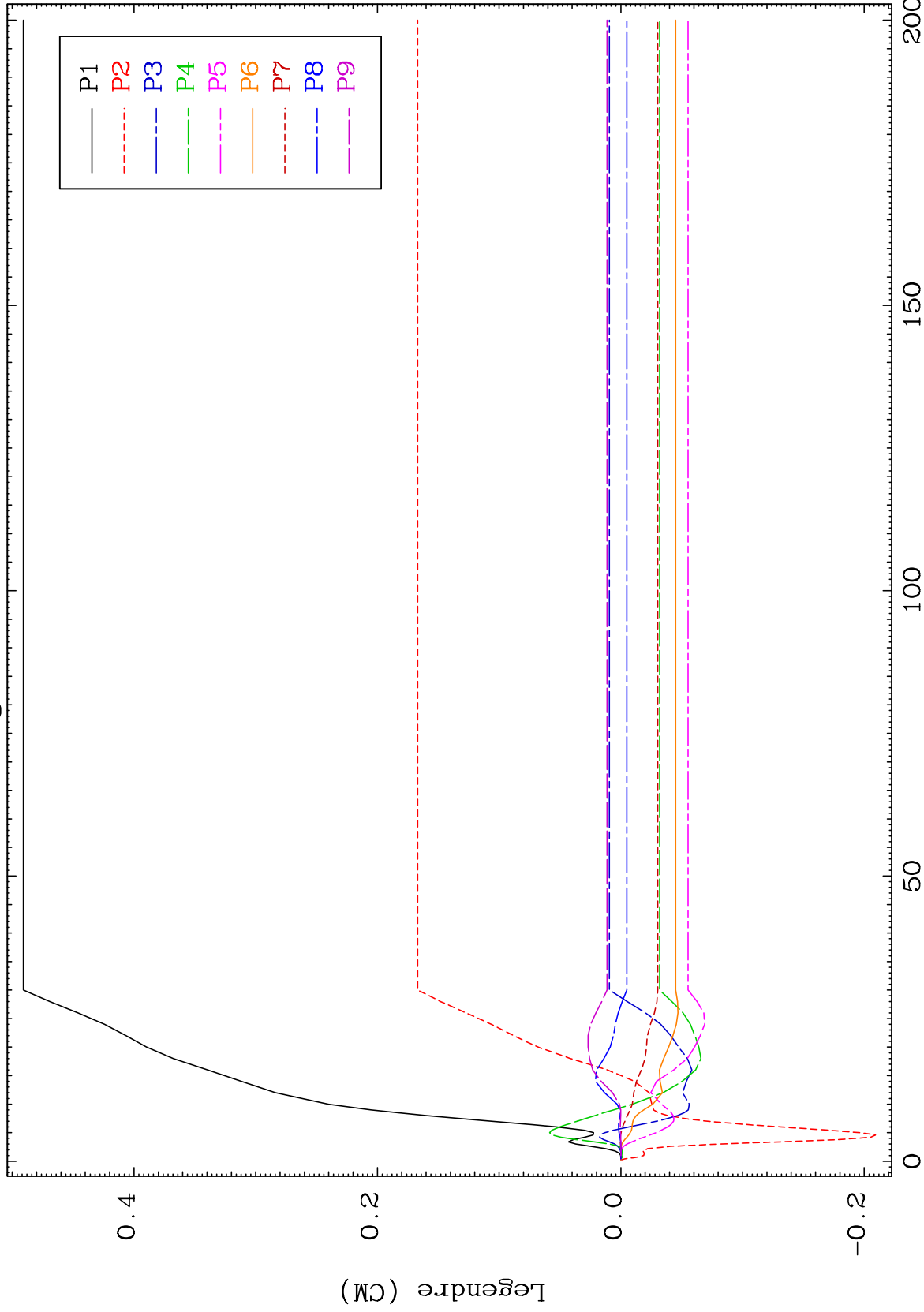
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



116

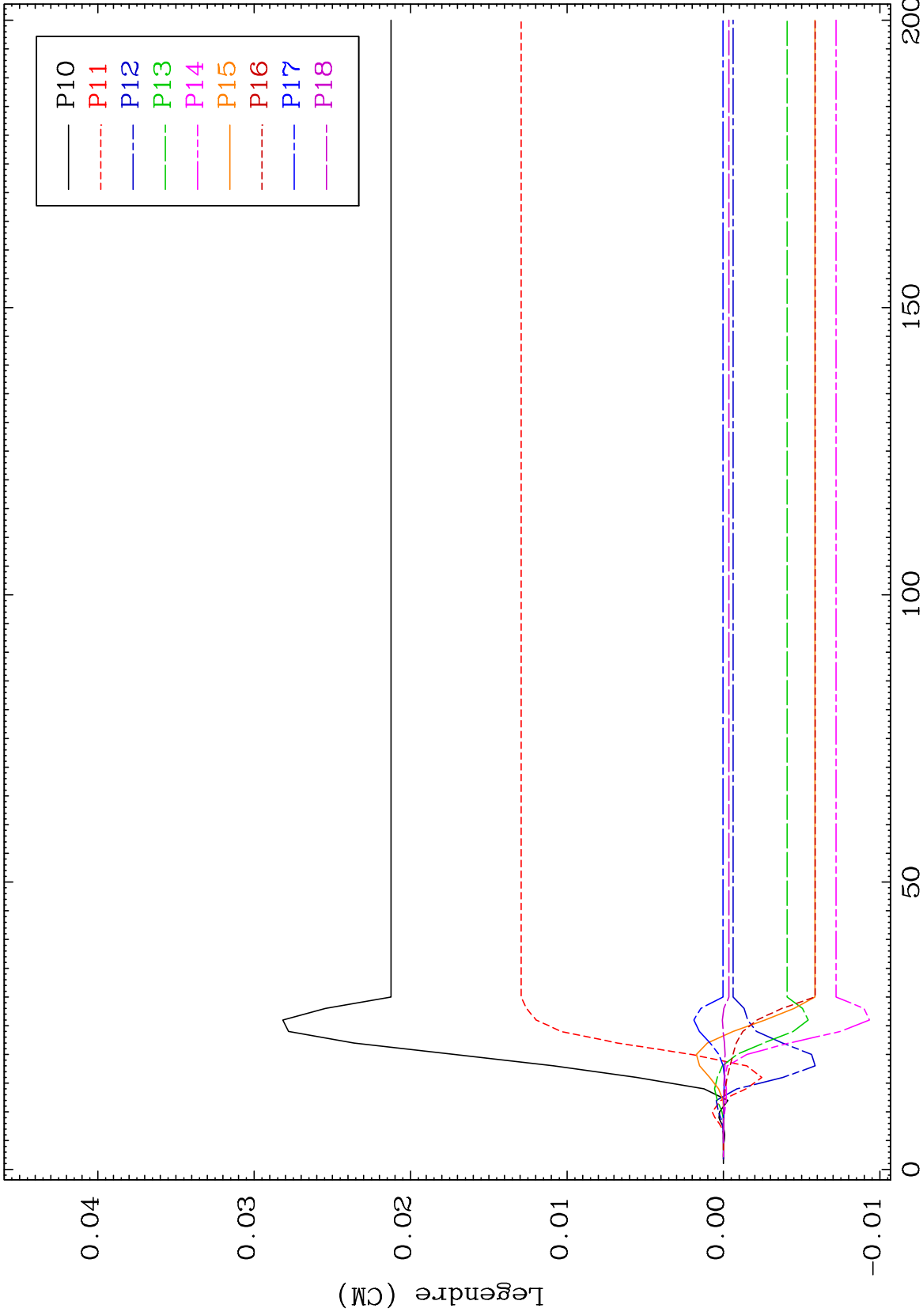
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



117

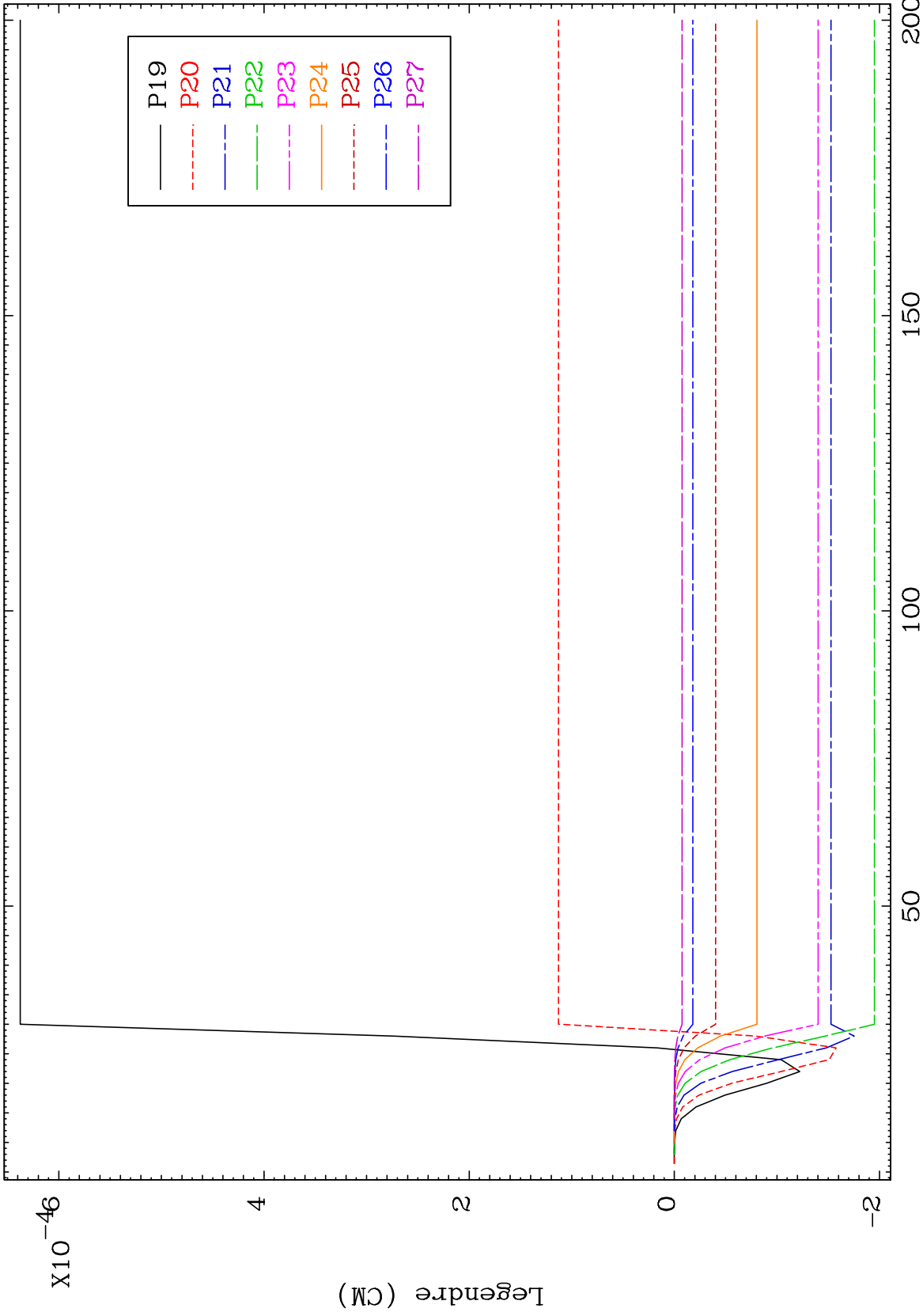
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



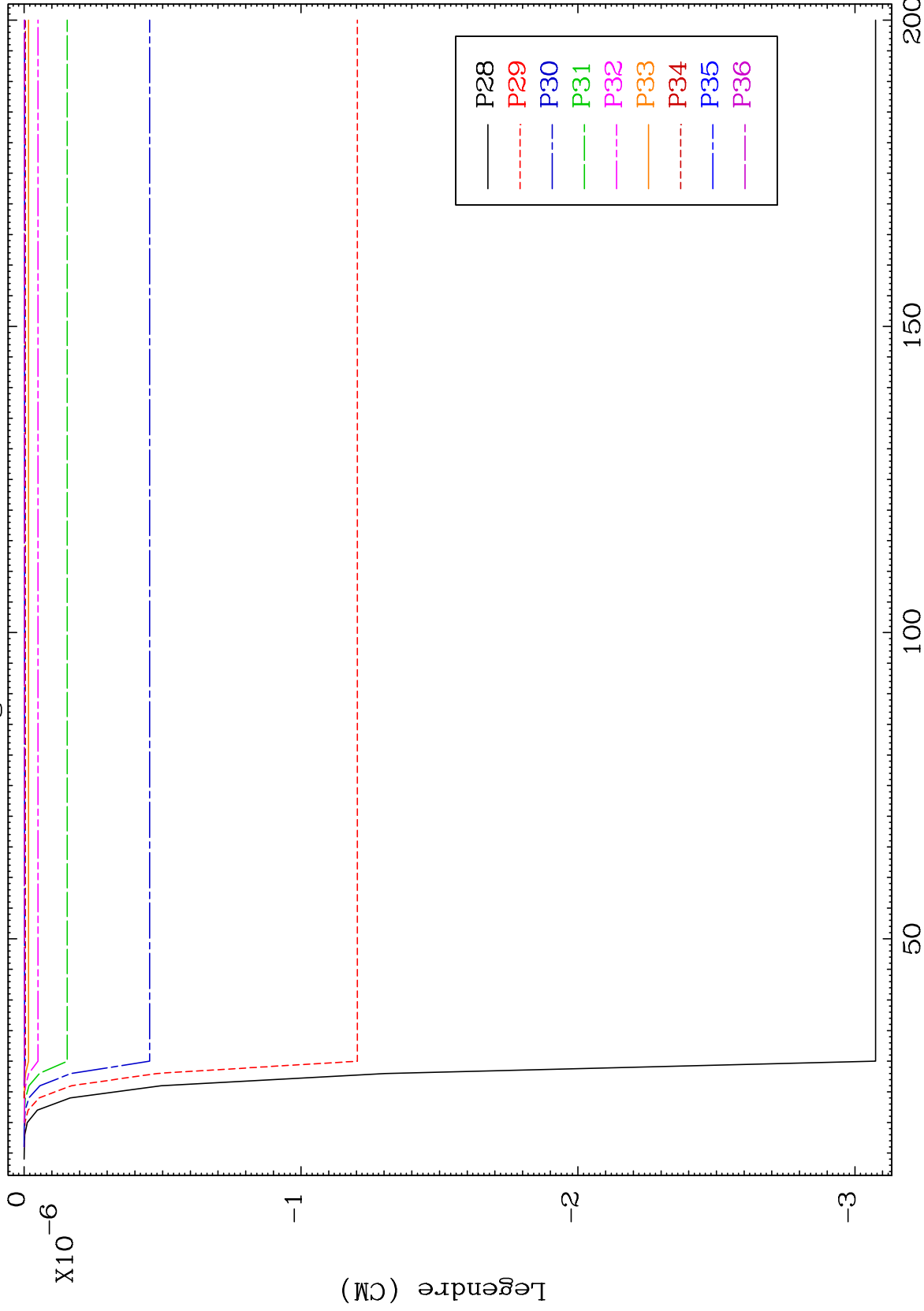
118

63-Eu-152

MAT 6328

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

63-Eu-152

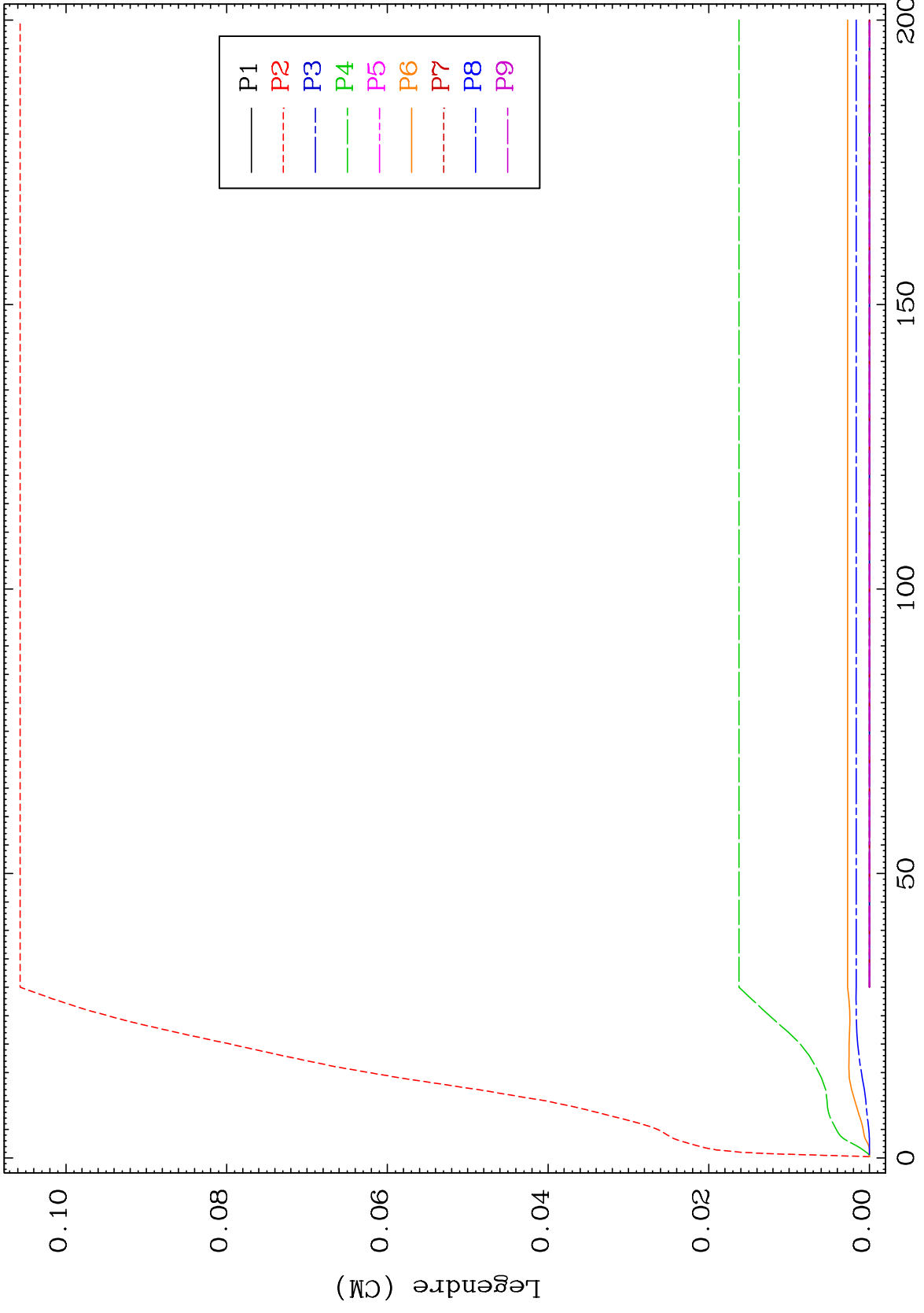


119

Incident Energy (MeV)

63-Eu-152

MAT 6328 MT= 80 (n,n') Level Legendre Coefficients 63-Eu-152

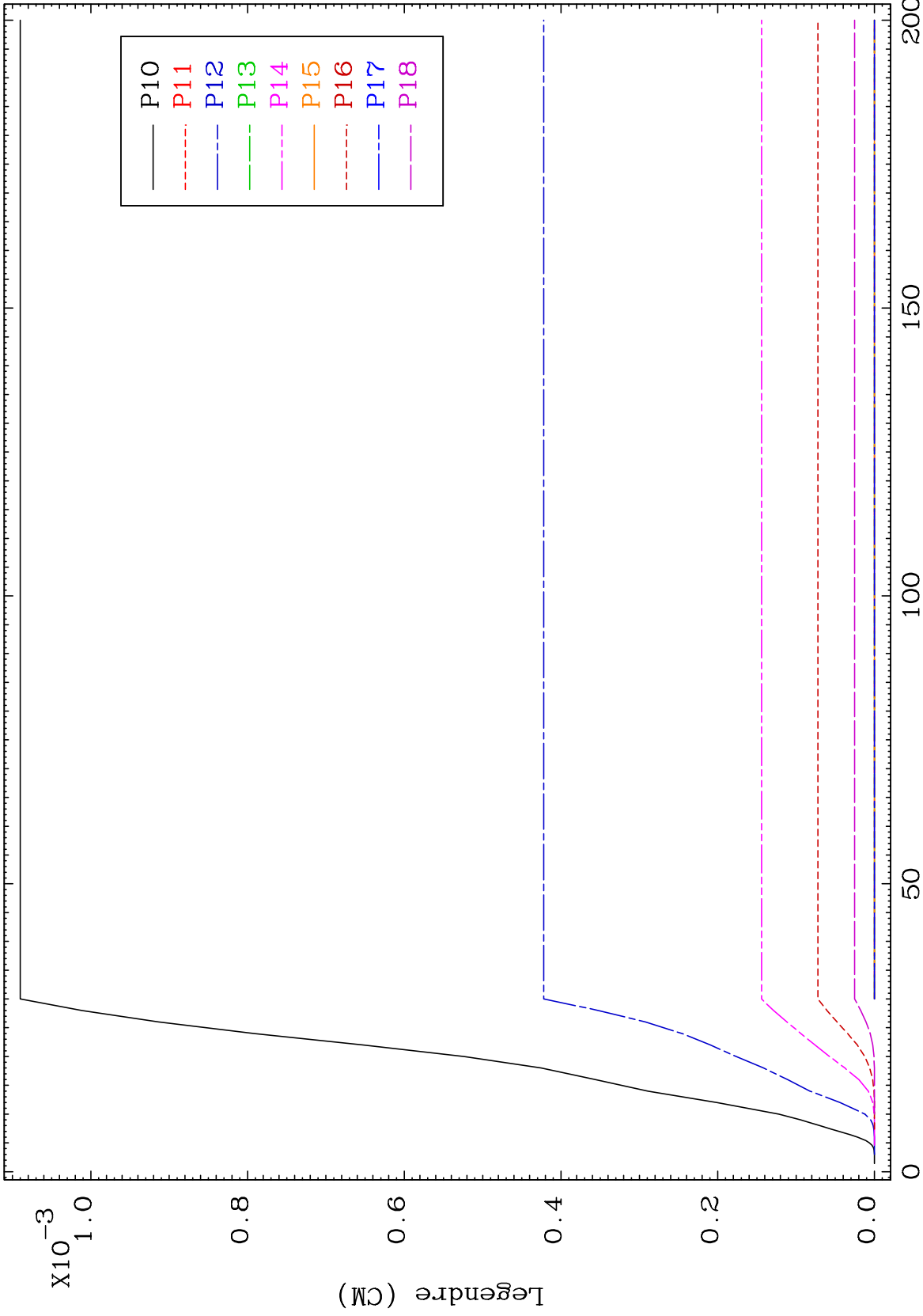


63-Eu-152

MAT 6328

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

63-Eu-152



121

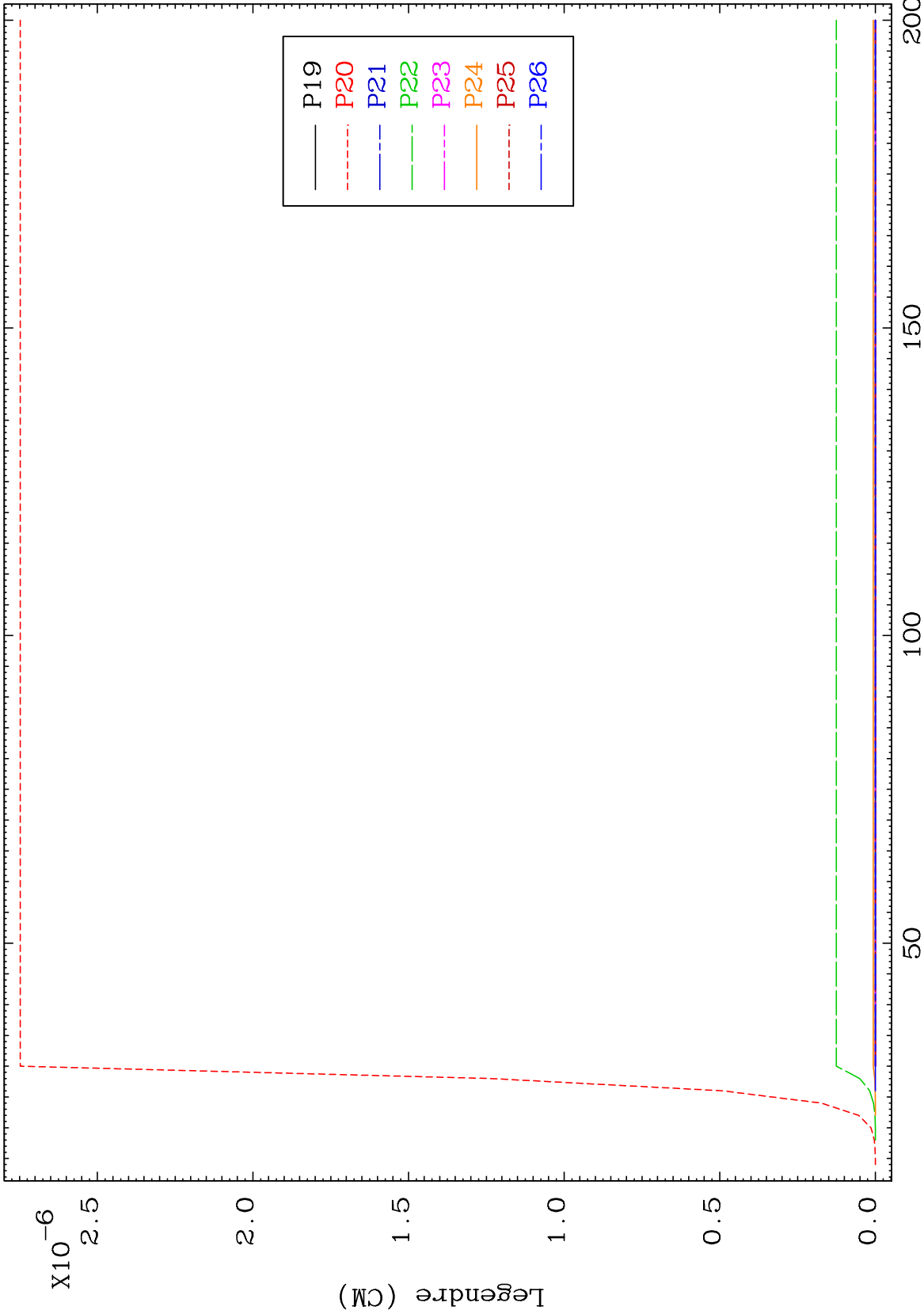
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



122

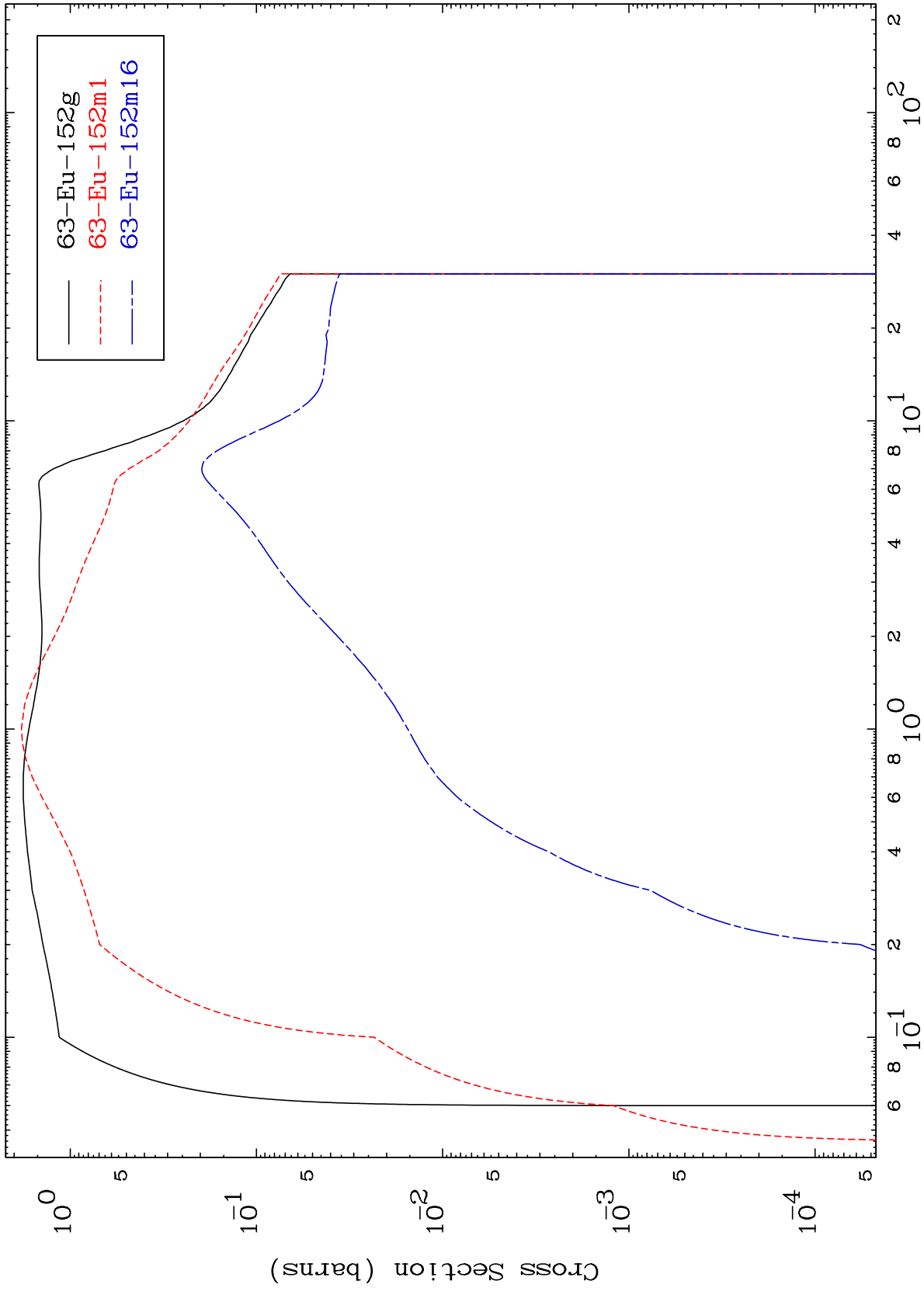
Incident Energy (MeV)

63-Eu-152

MAT 6328

63-Eu-152

Inelastic Radionuclide Production Cross Section



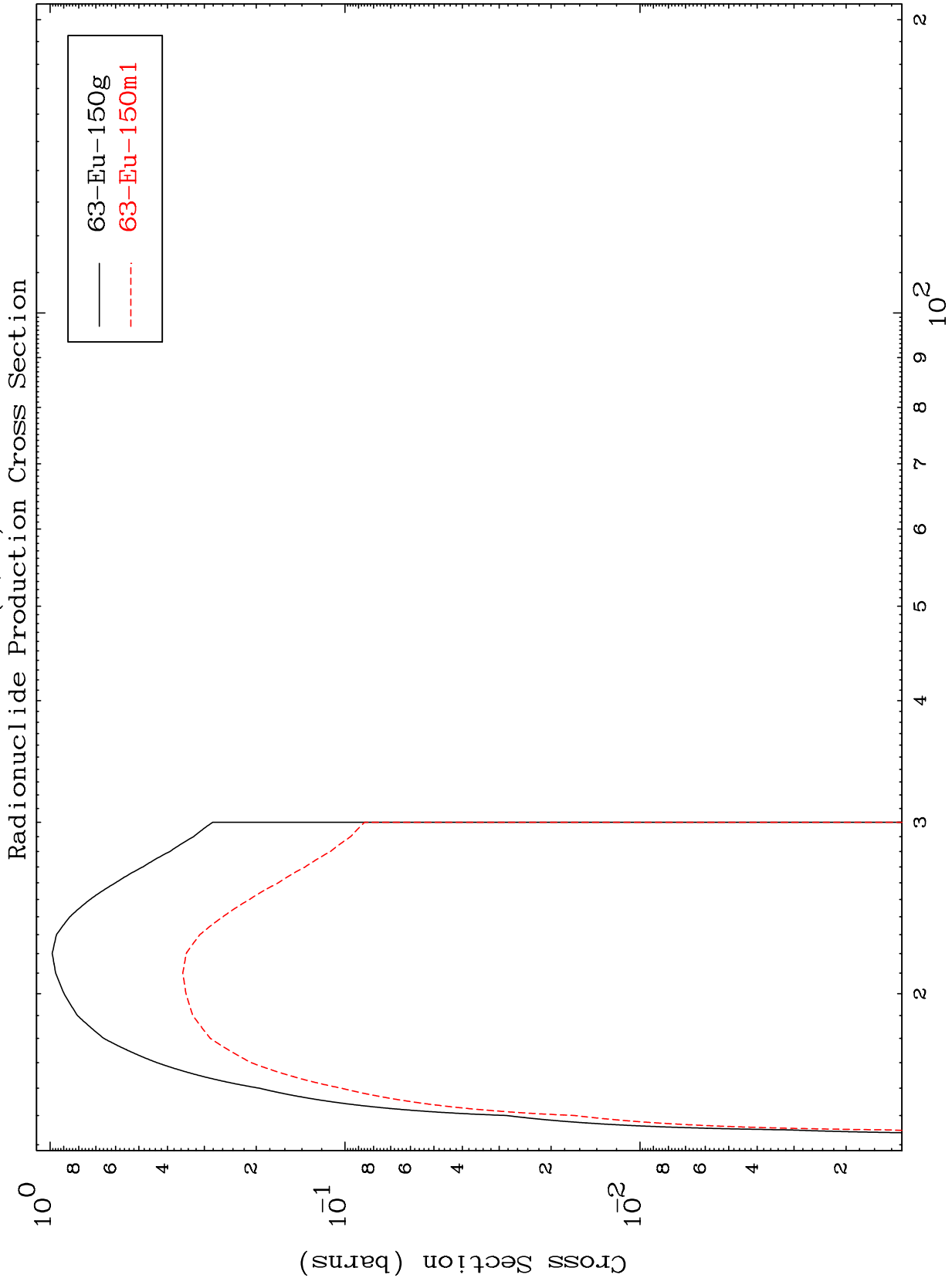
123

63-Eu-152

MAT 6328

(n,3n)

63-Eu-152



124

Incident Energy (MeV)

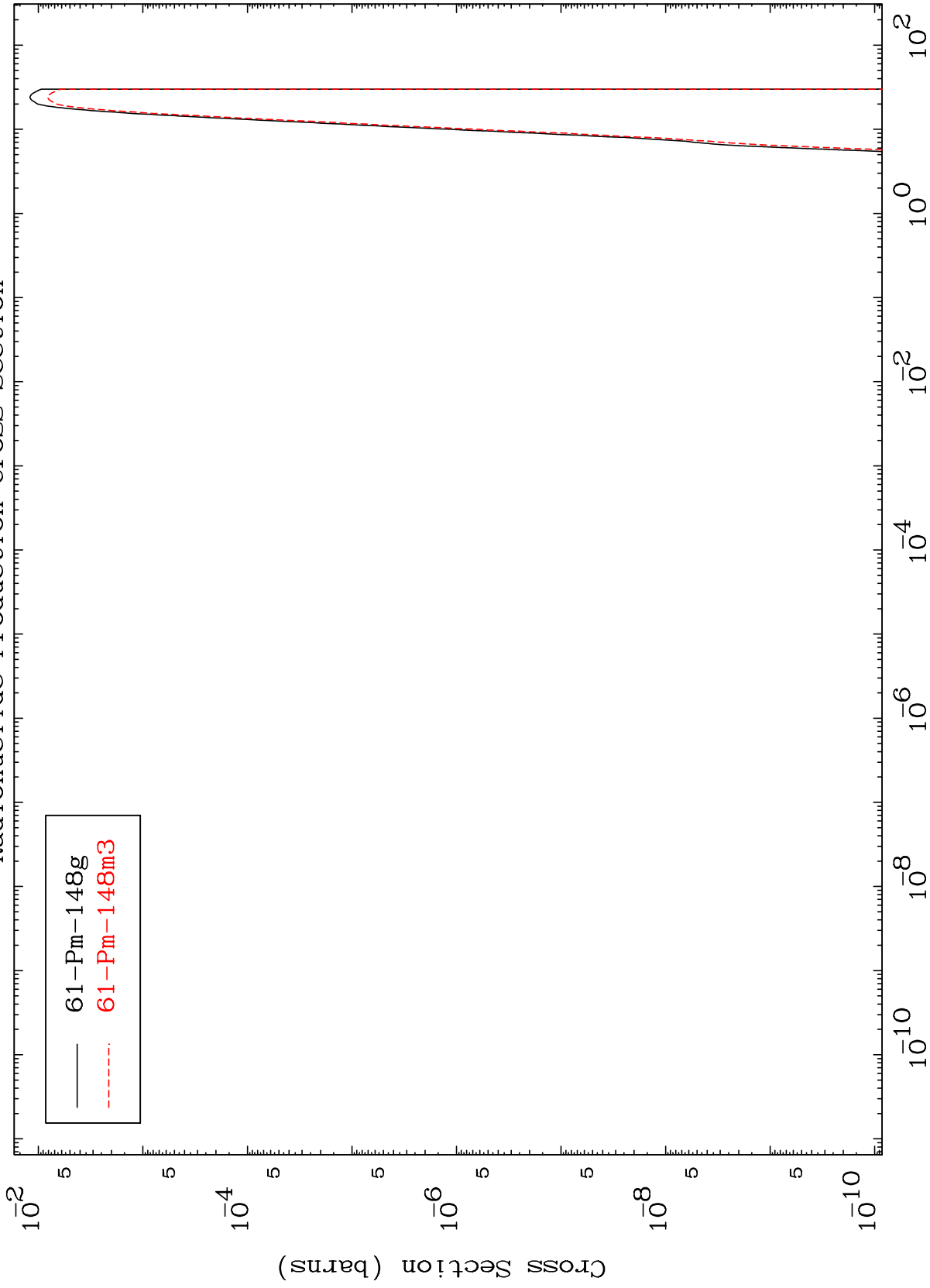
63-Eu-152

MAT 6328

(n,n') α

63-Eu-152

Radionuclide Production Cross Section



125

Incident Energy (MeV)

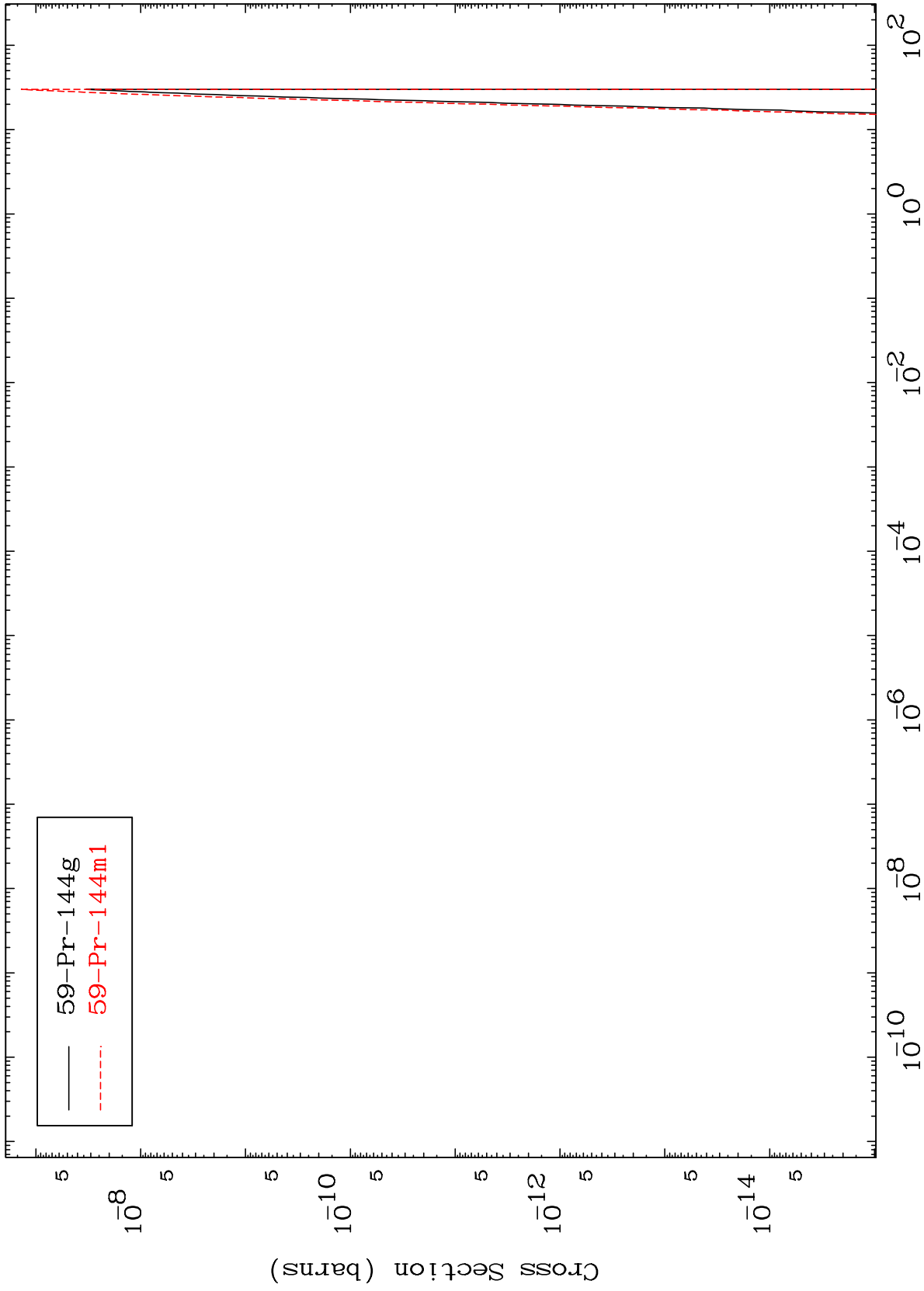
63-Eu-152

MAT 6328

(n,n') 2 α

63-Eu-152

Radionuclide Production Cross Section



126

Incident Energy (MeV)

63-Eu-152