

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

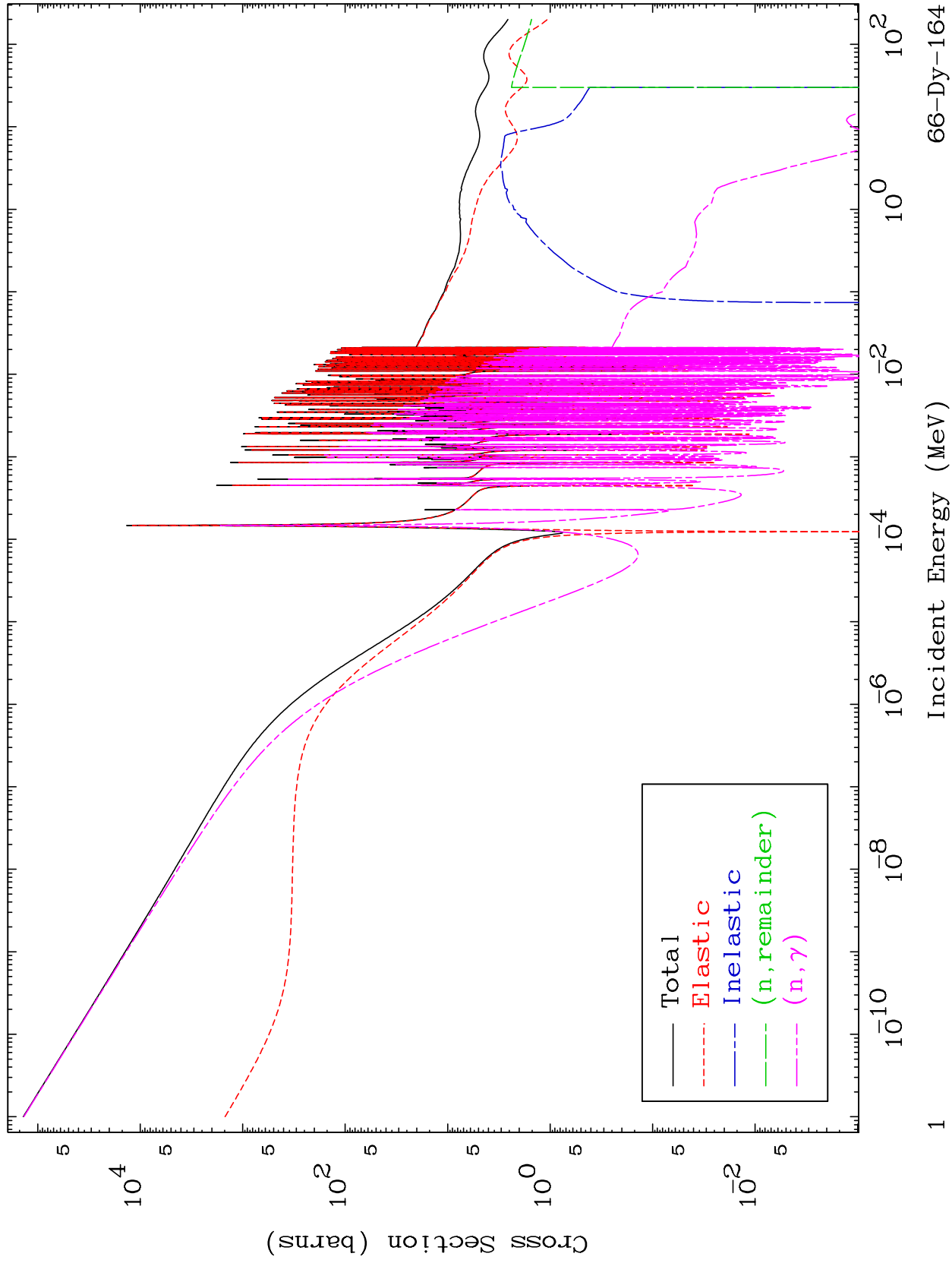
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6649

Major
293 Kelvin Cross Sections

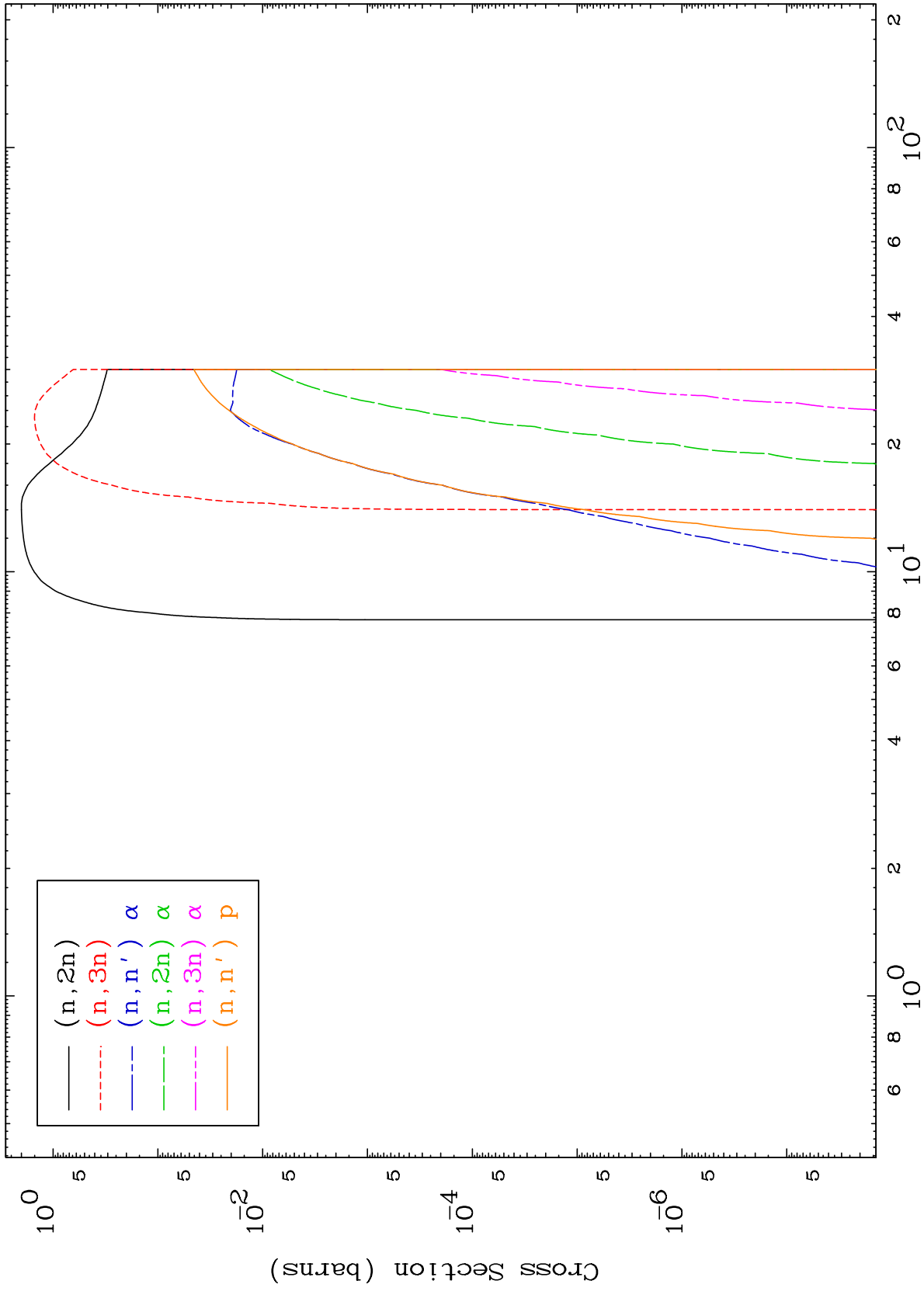
66-Dy-164



MAT 6649

Neutron Production
293 Kelvin Cross Sections

66-Dy-164



2

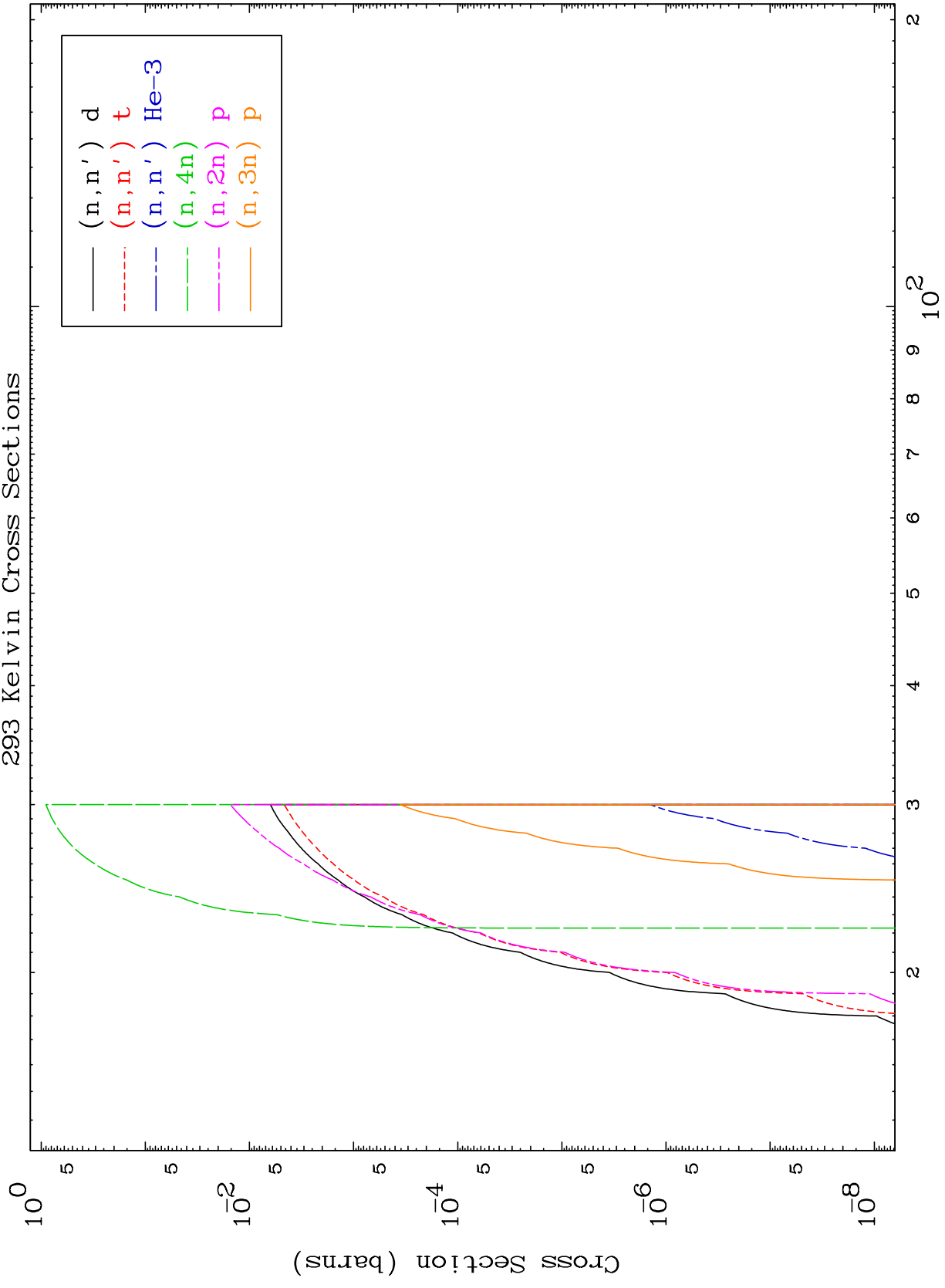
Incident Energy (MeV)

66-Dy-164

MAT 6649

Neutron Production
293 Kelvin Cross Sections

66-Dy-164



3

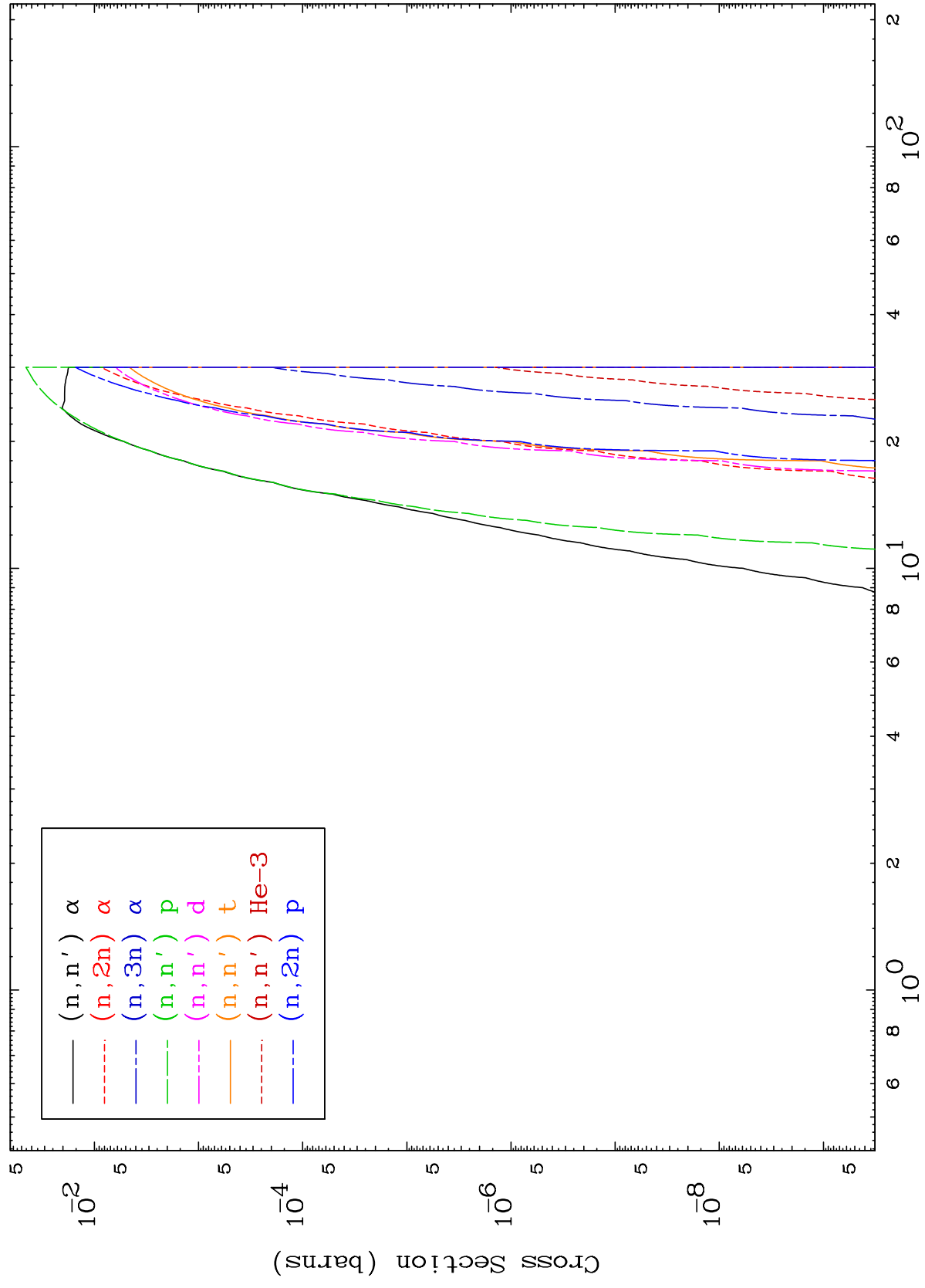
Incident Energy (MeV)

66-Dy-164

MAT 6649

293 Kelvin Cross Sections

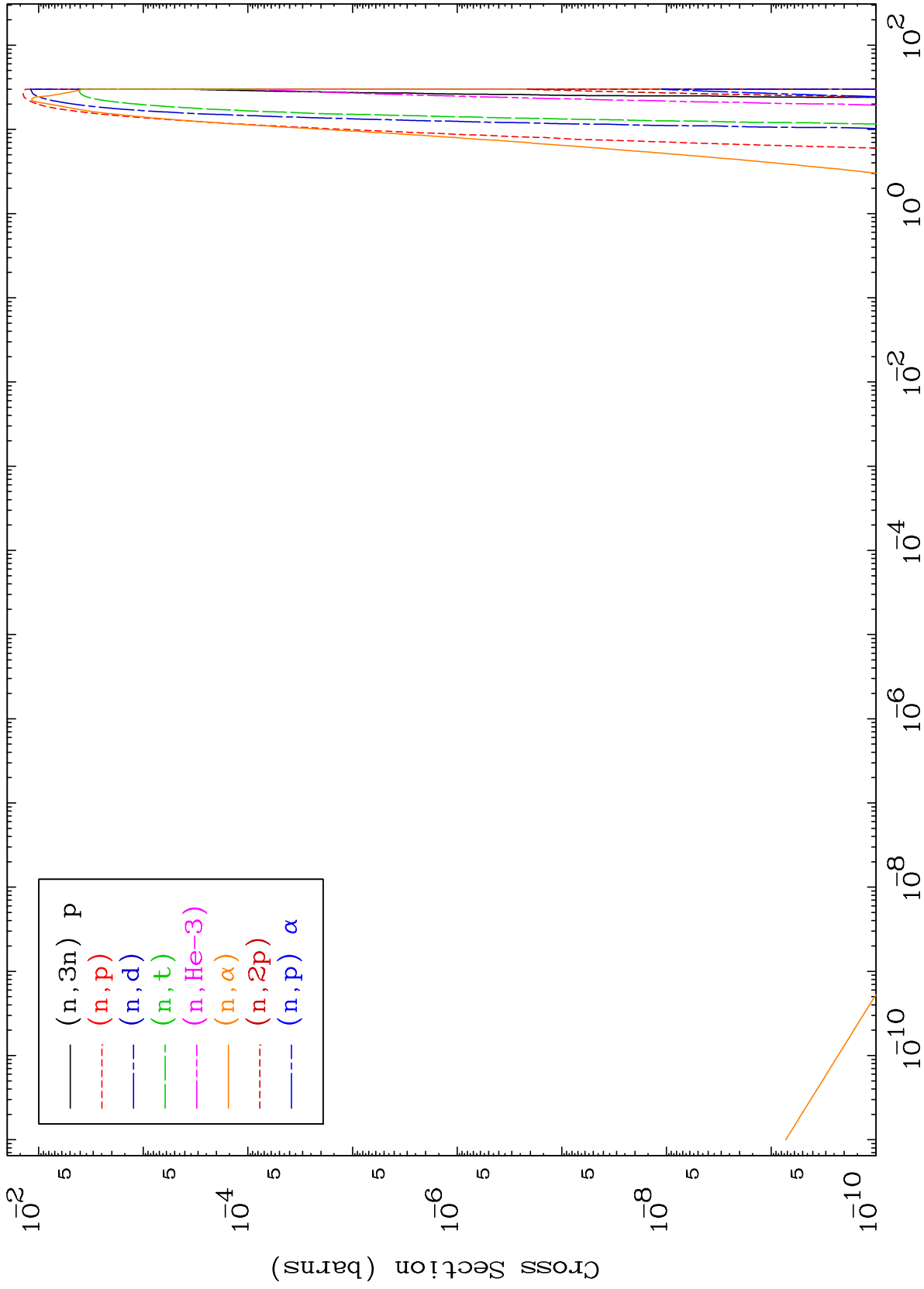
66-Dy-164



MAT 6649

Charged Particle
293 Kelvin Cross Sections

66-Dy-164



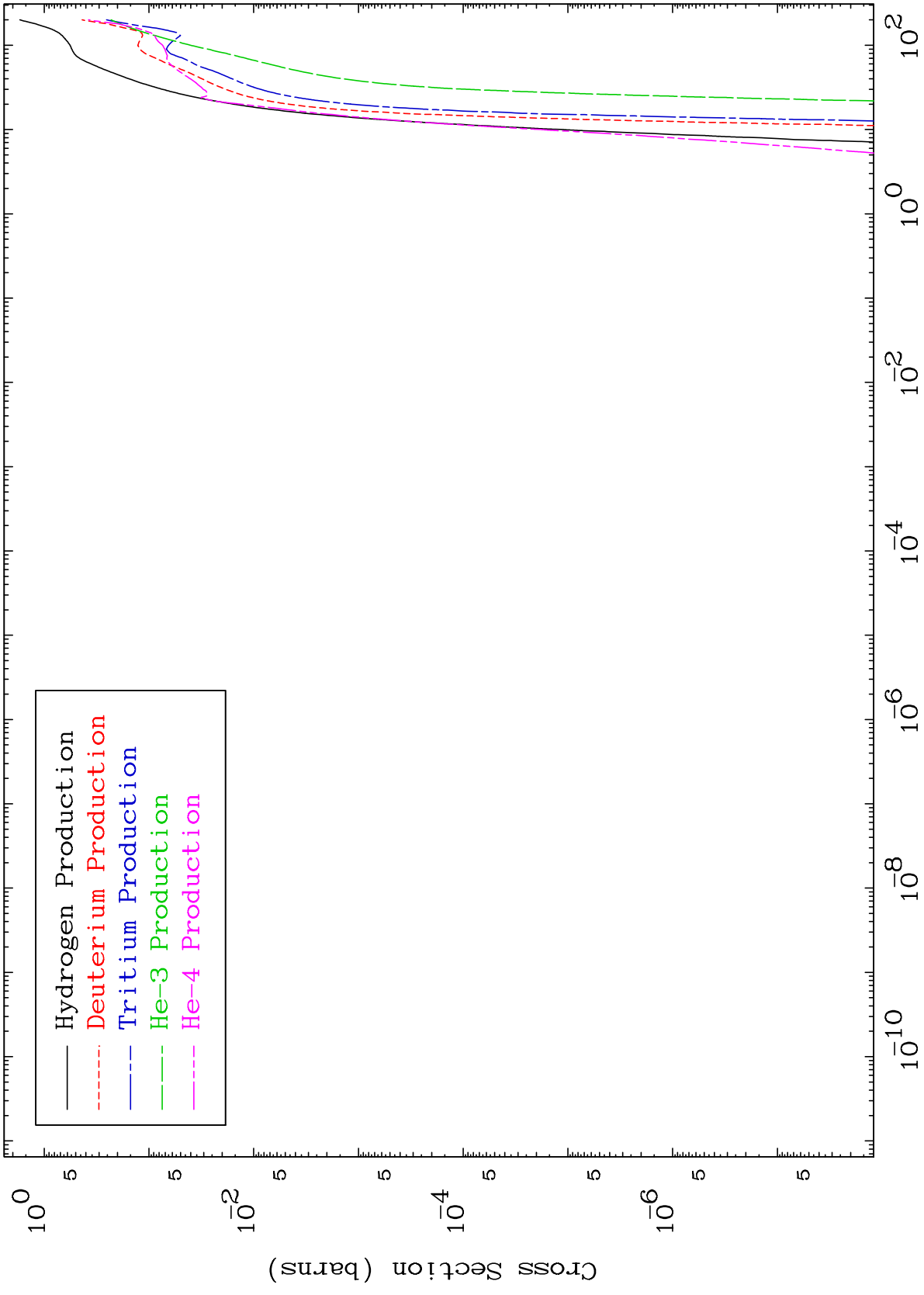
5

66-Dy-164

MAT 6649

Particle Production
293 Kelvin Cross Sections

66-Dy-164



6

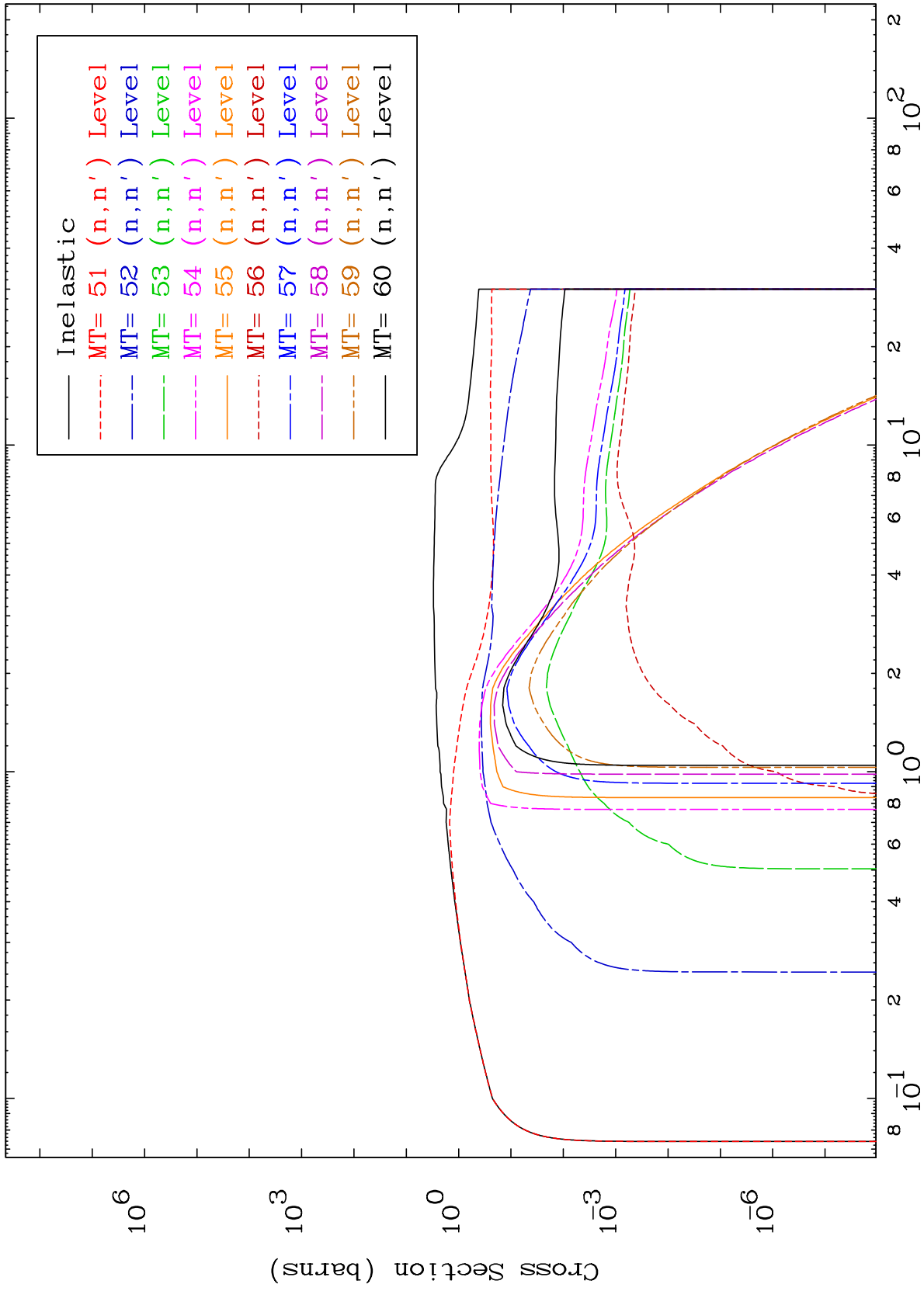
66-Dy-164

MAT 6649

(n,n') Level

66-Dy-164

293 Kelvin Cross Sections



7

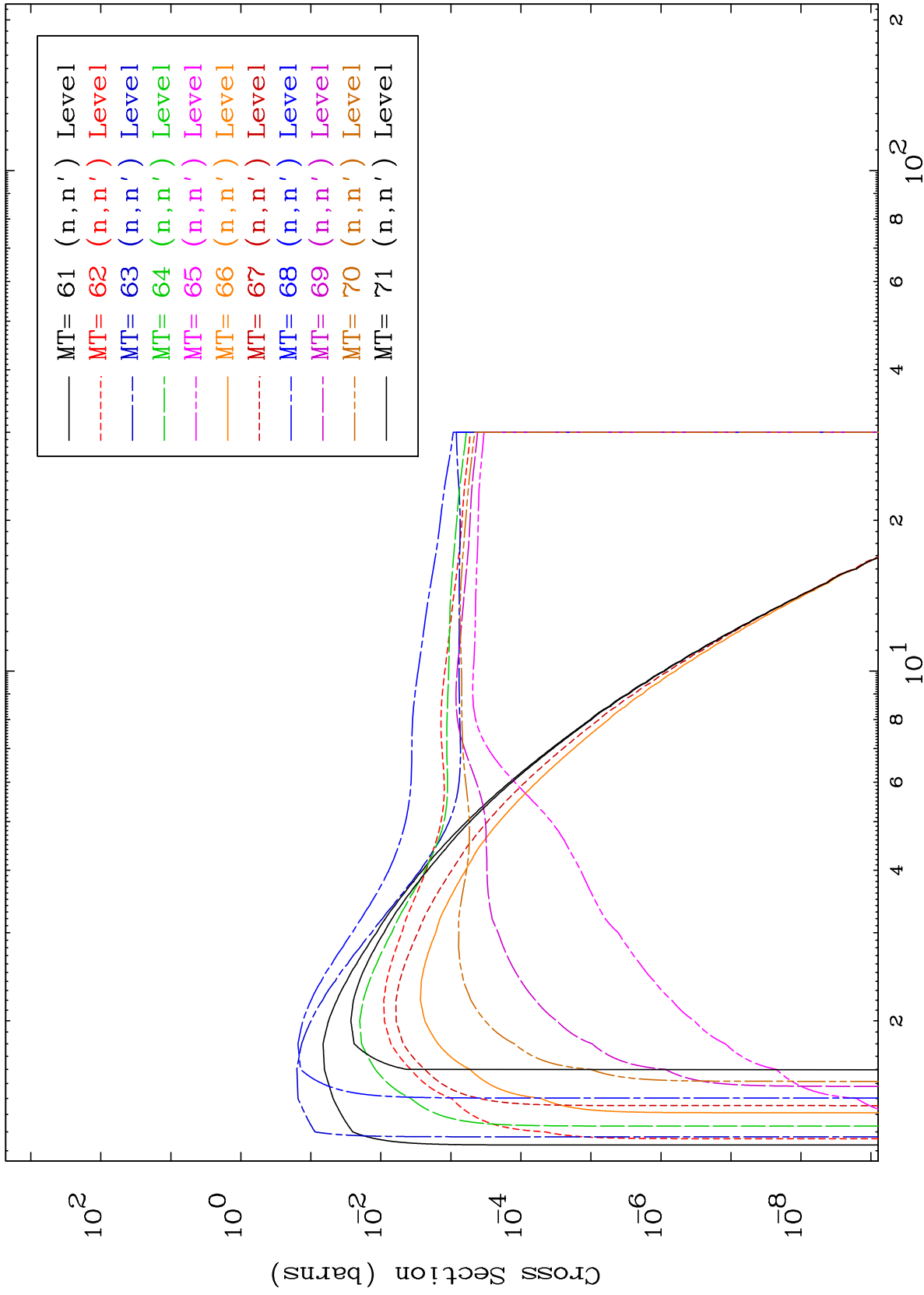
Incident Energy (MeV)

66-Dy-164

MAT 6649

(n,n') Level
293 Kelvin Cross Sections

66-Dy-164



8

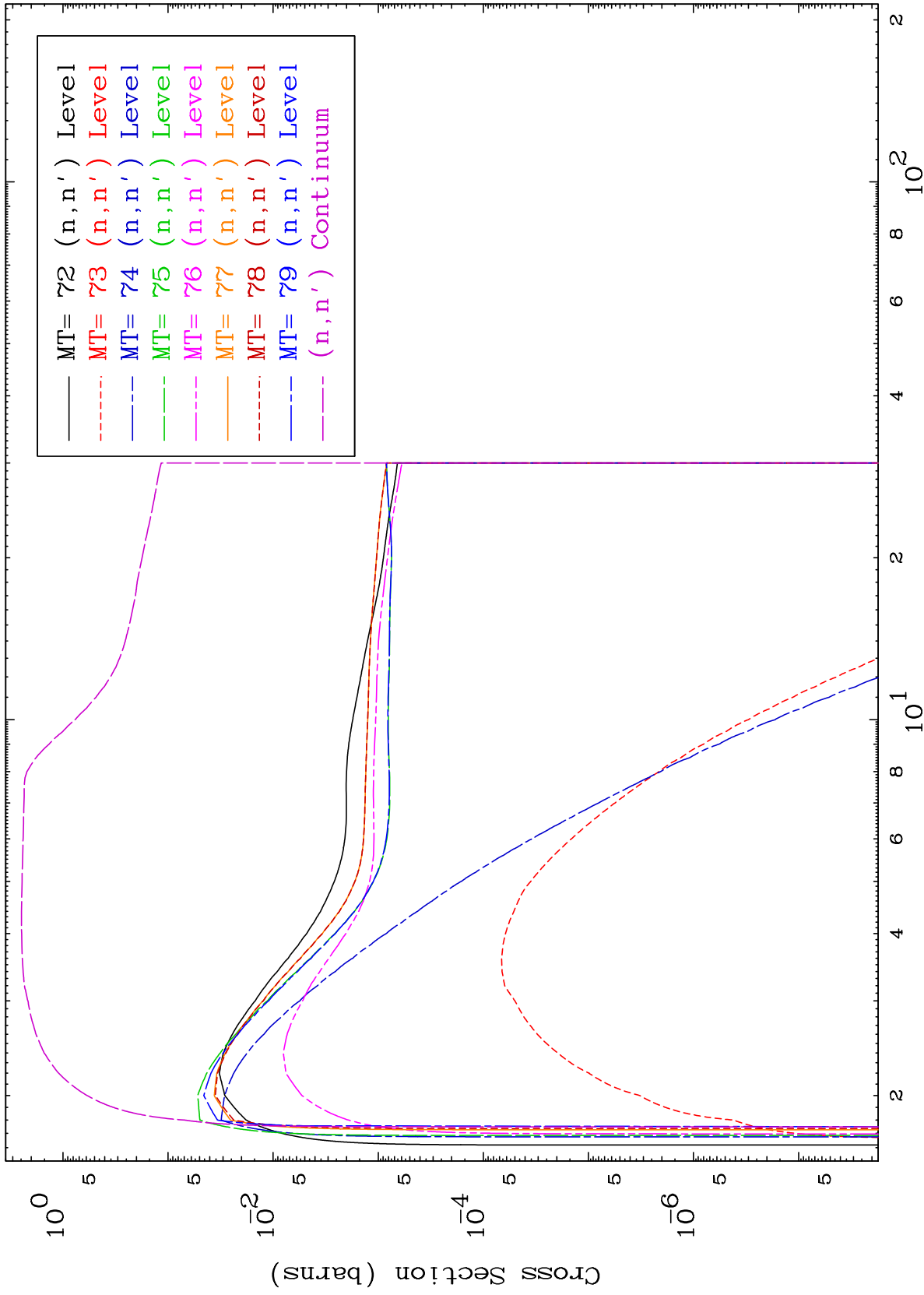
Incident Energy (MeV)

66-Dy-164

MAT 6649

(n,n') Level
293 Kelvin Cross Sections

66-Dy-164



9

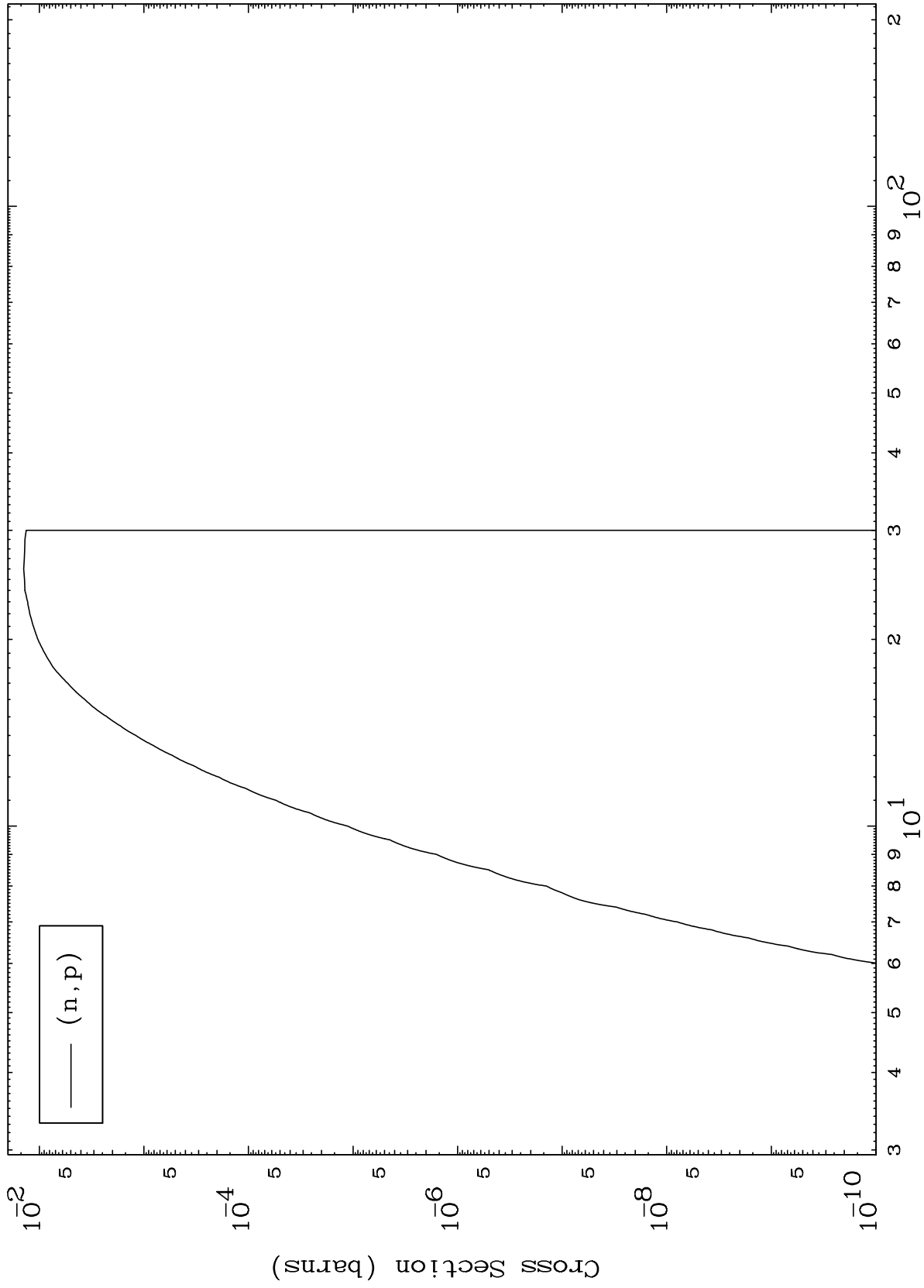
Incident Energy (MeV)

66-Dy-164

MAT 6649

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-164



10

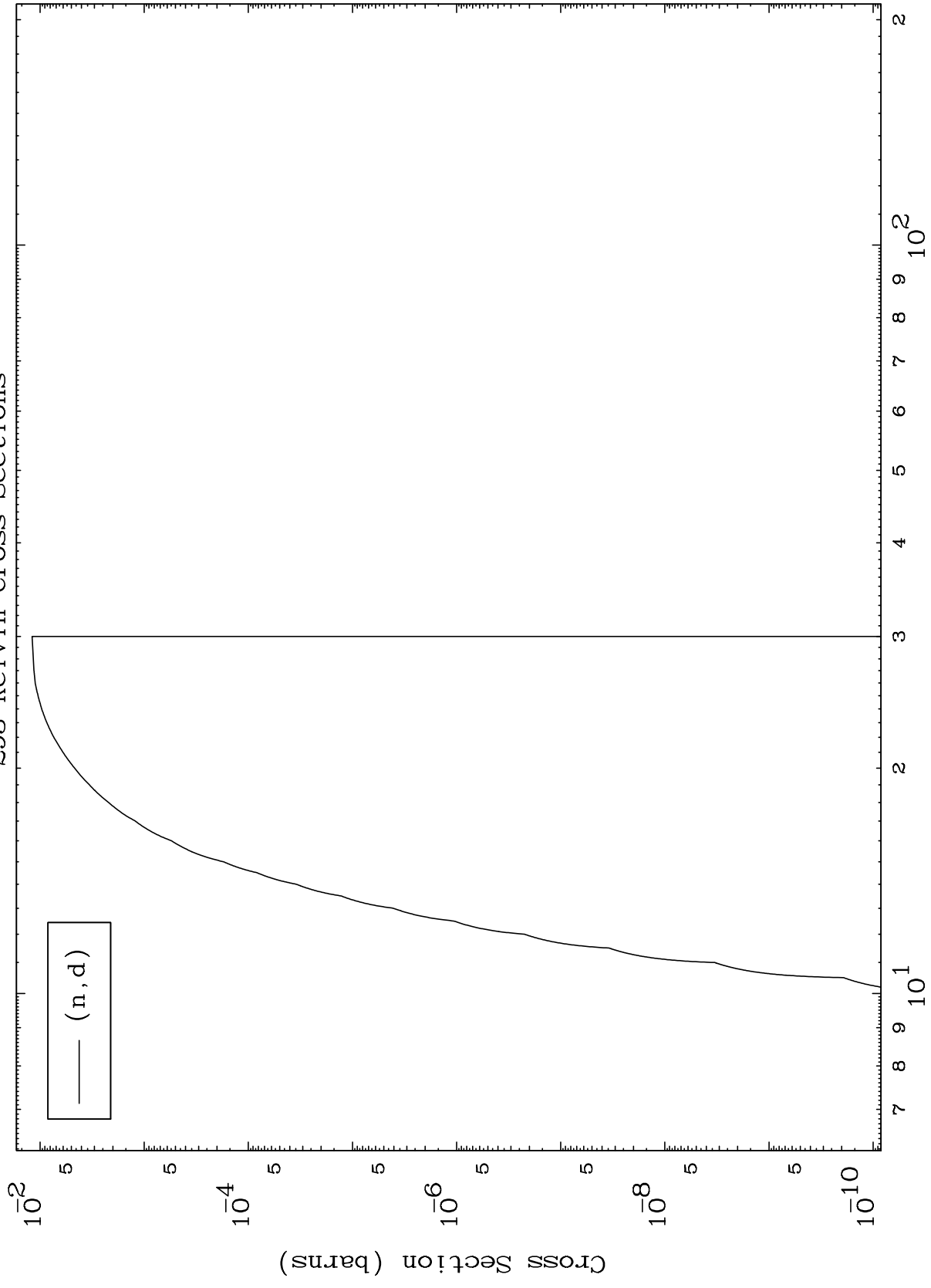
Incident Energy (MeV)

66-Dy-164

MAT 6649

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-164



11

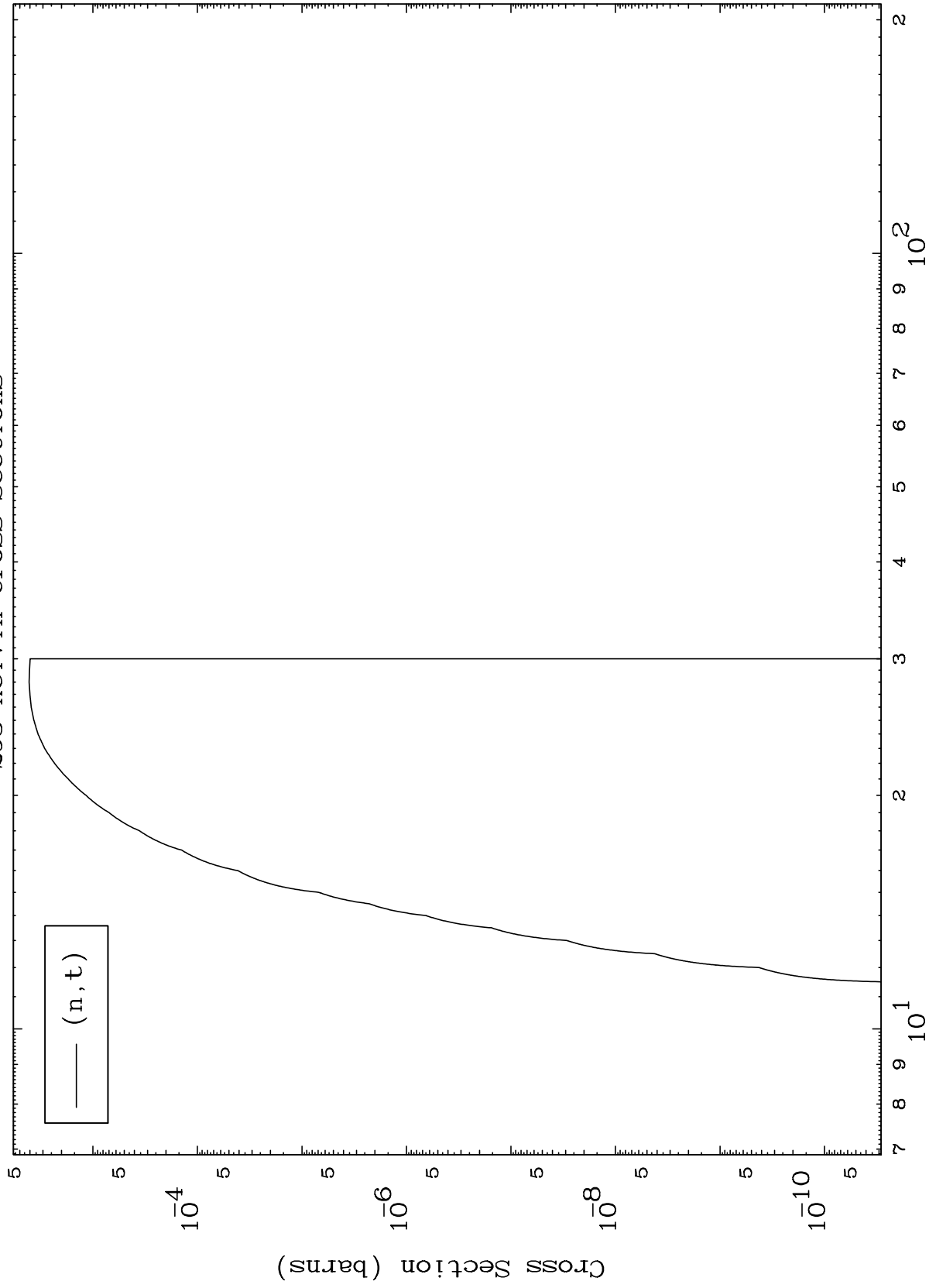
Incident Energy (MeV)

66-Dy-164

MAT 6649

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-164



12

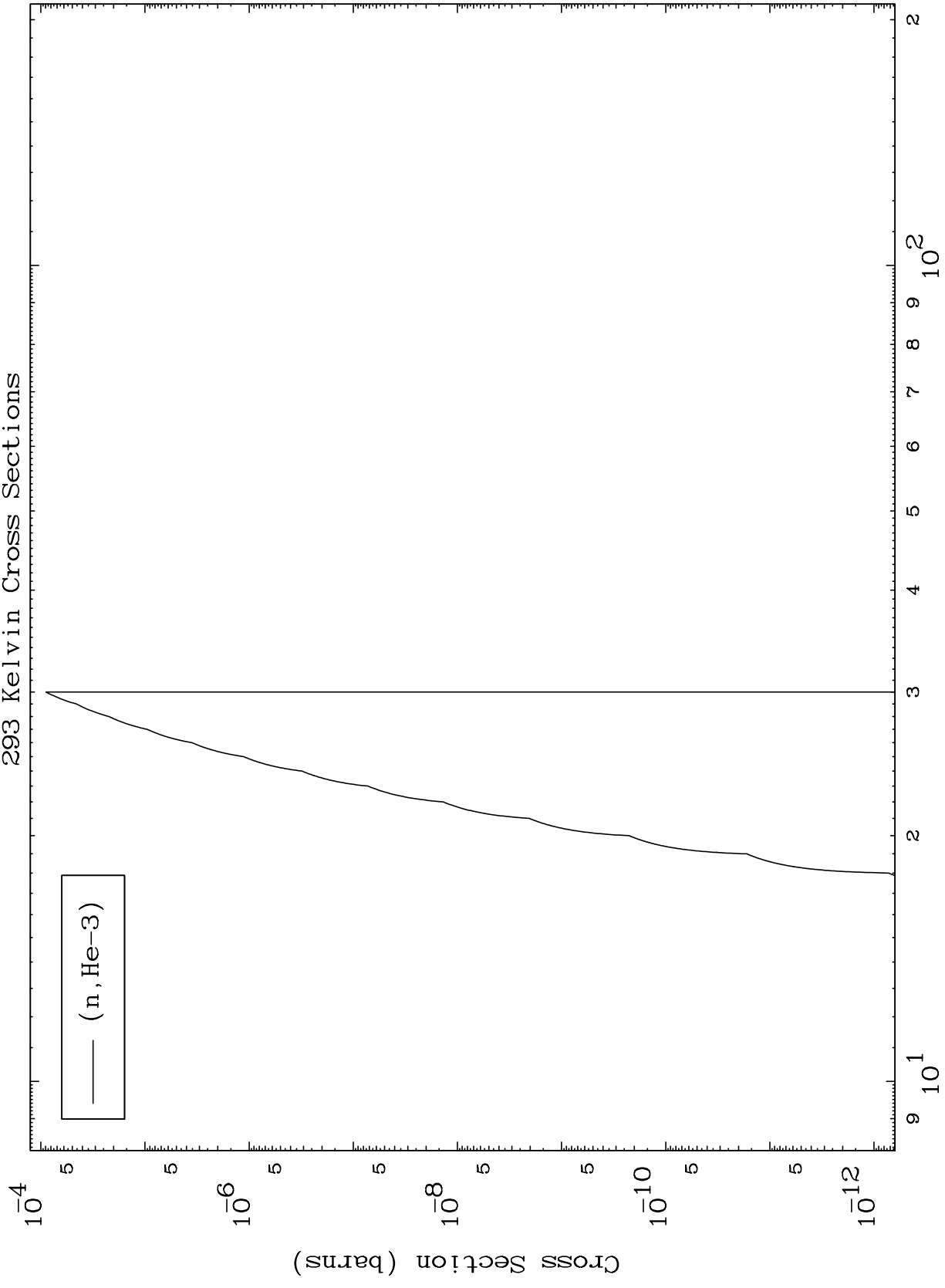
Incident Energy (MeV)

66-Dy-164

MAT 6649

66-Dy-164

(n,He3) Levels
293 Kelvin Cross Sections



13

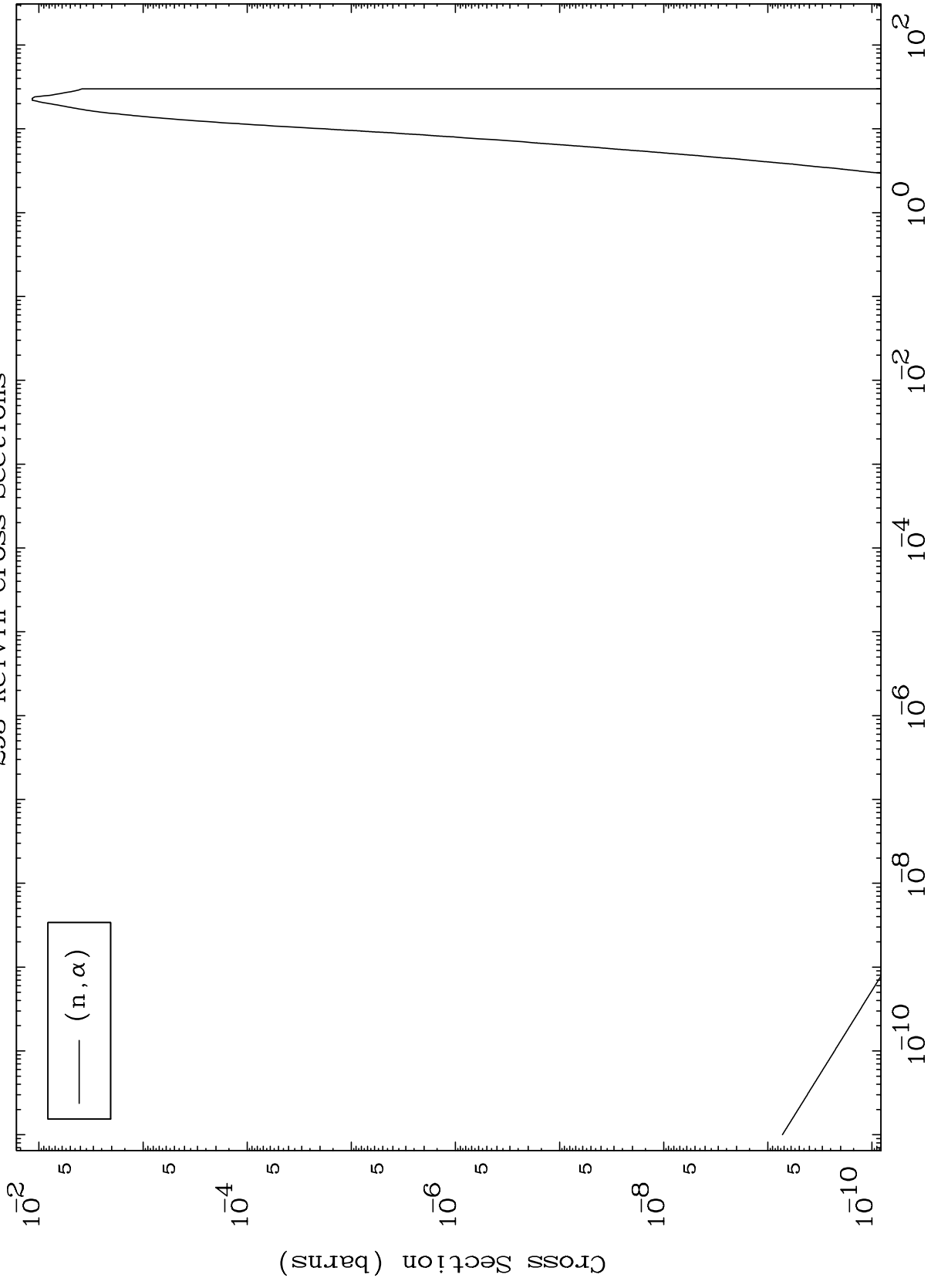
Incident Energy (MeV)

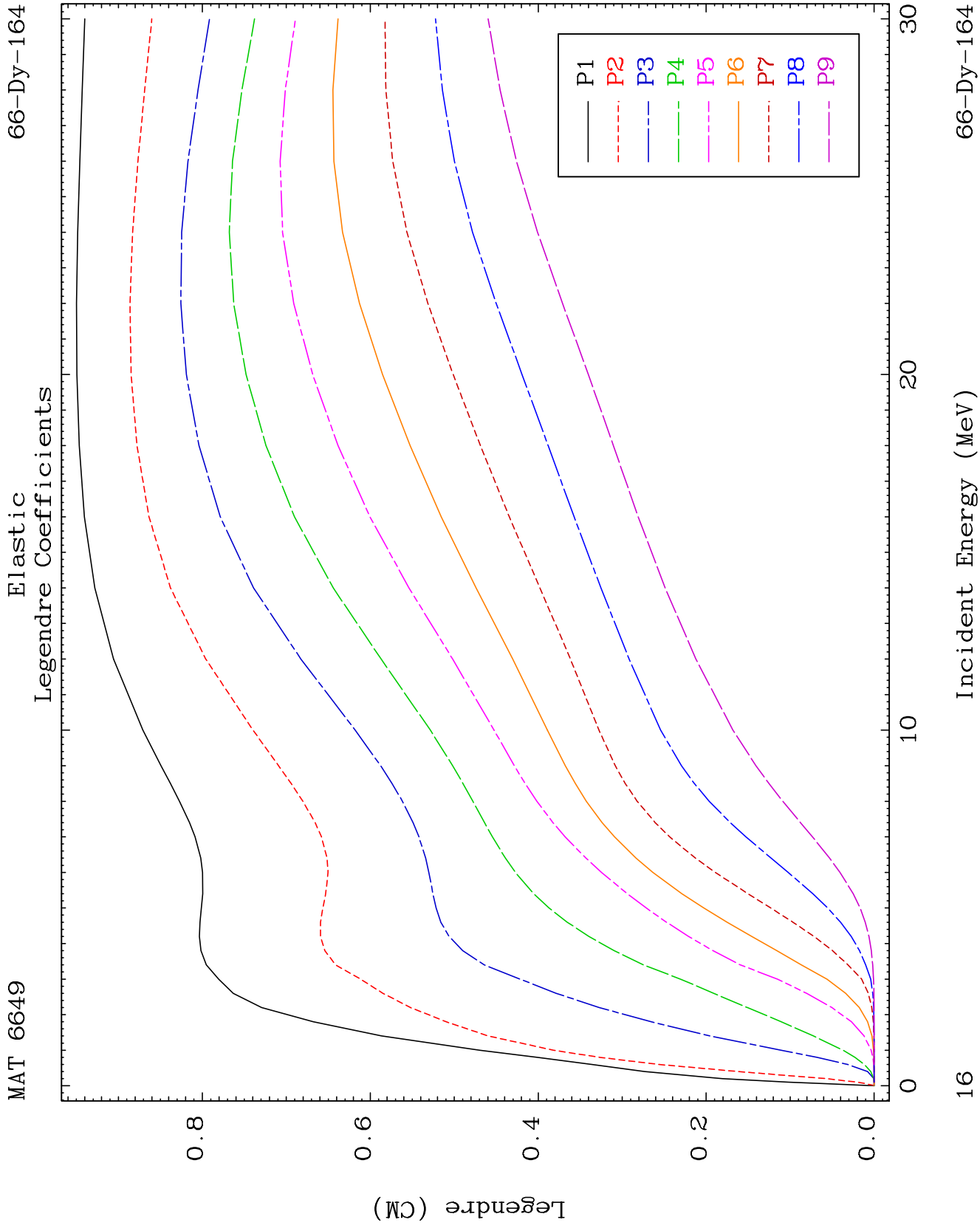
66-Dy-164

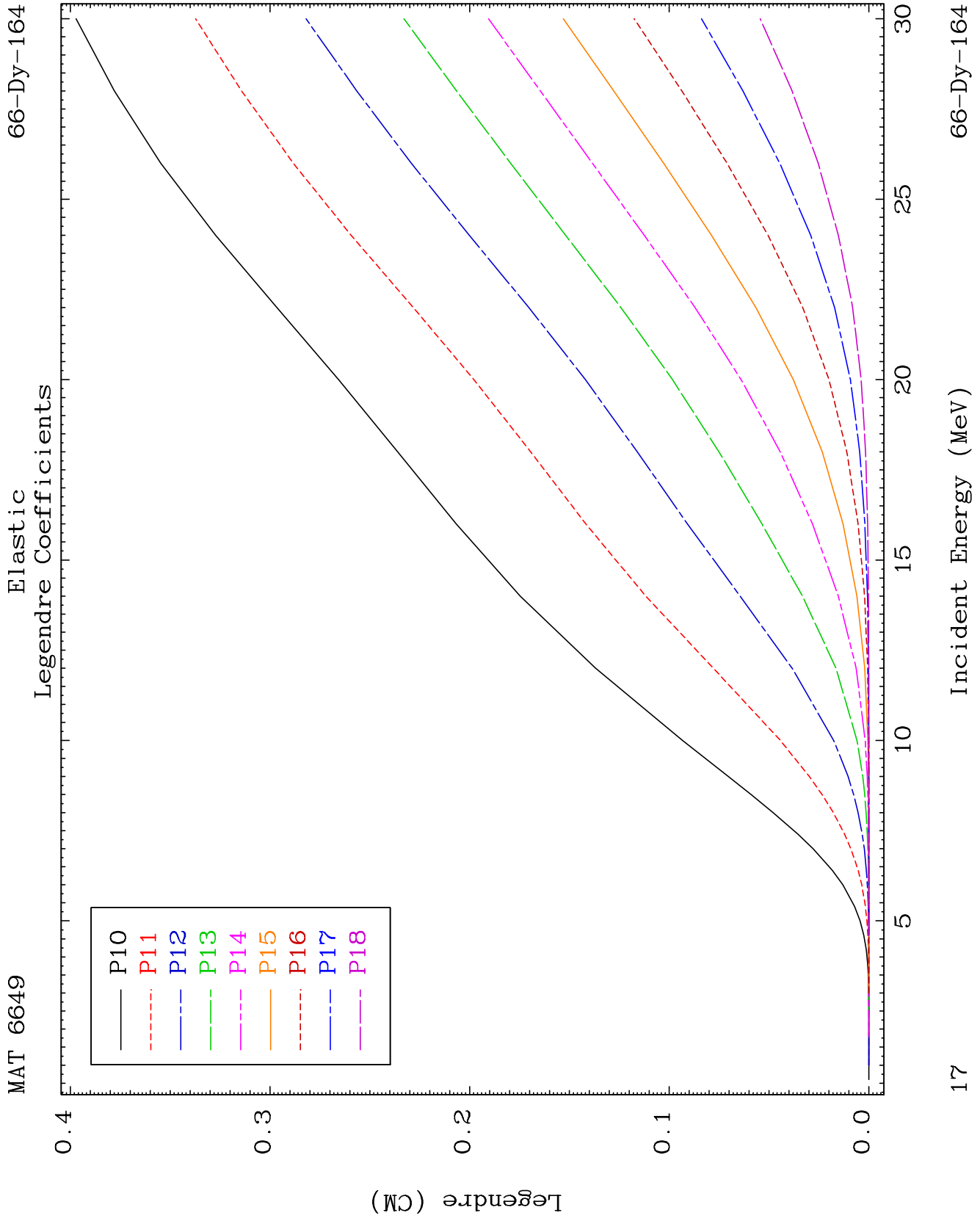
MAT 6649

(n, α) Levels
293 Kelvin Cross Sections

66-Dy-164



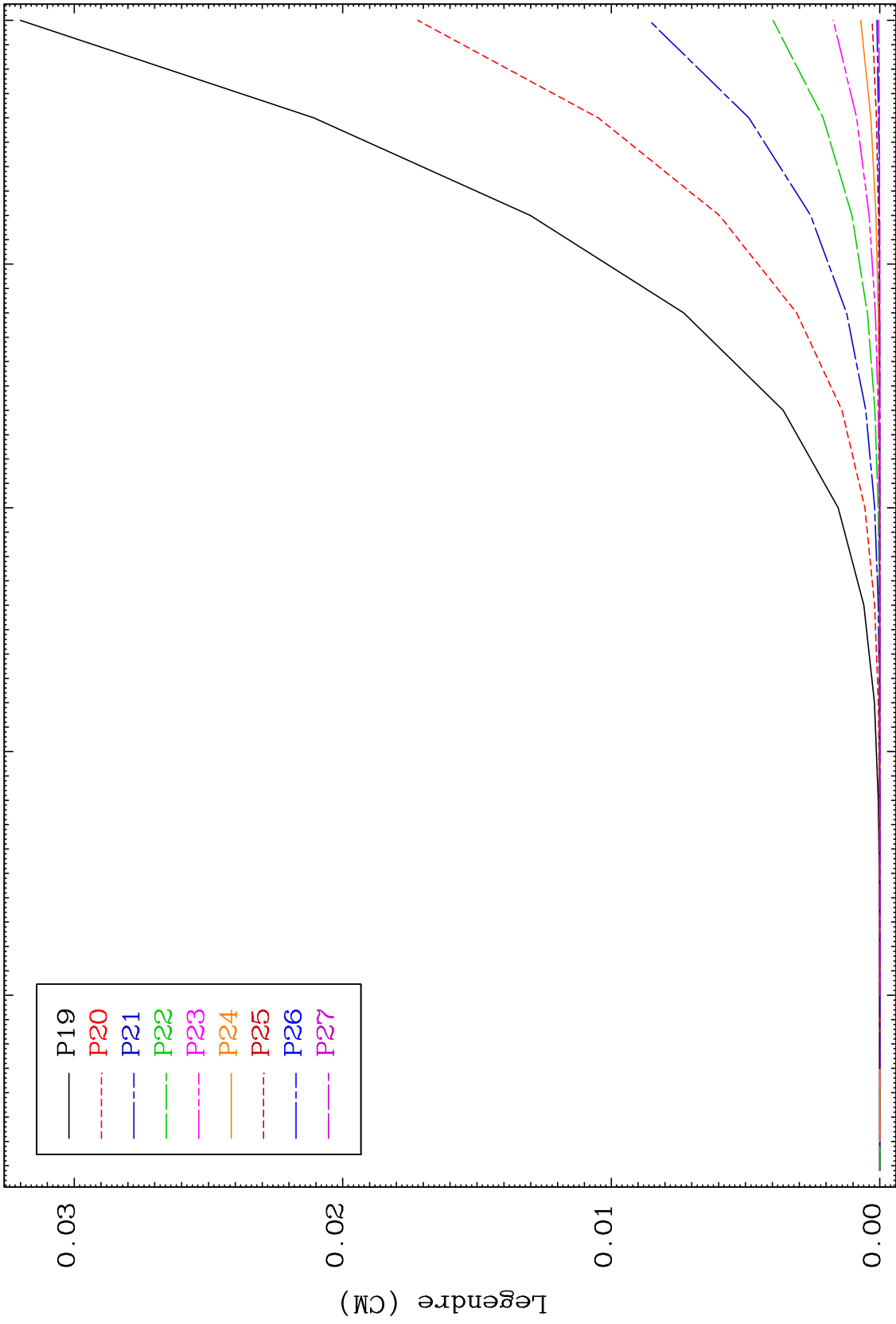




MAT 6649

Elastic Legendre Coefficients

66-Dy-164



18

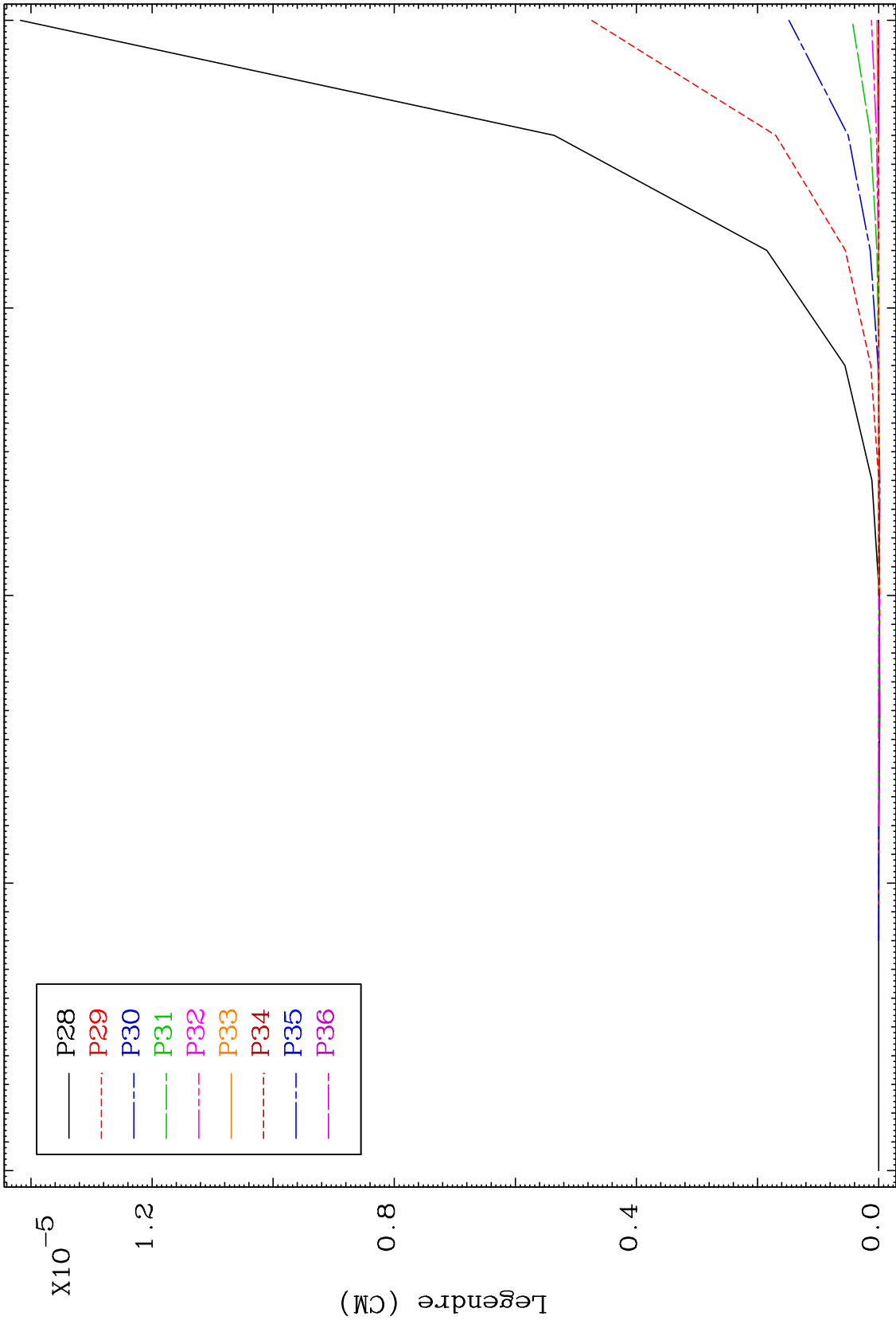
Incident Energy (MeV)

66-Dy-164

MAT 6649

Elastic Legendre Coefficients

66-Dy-164



19

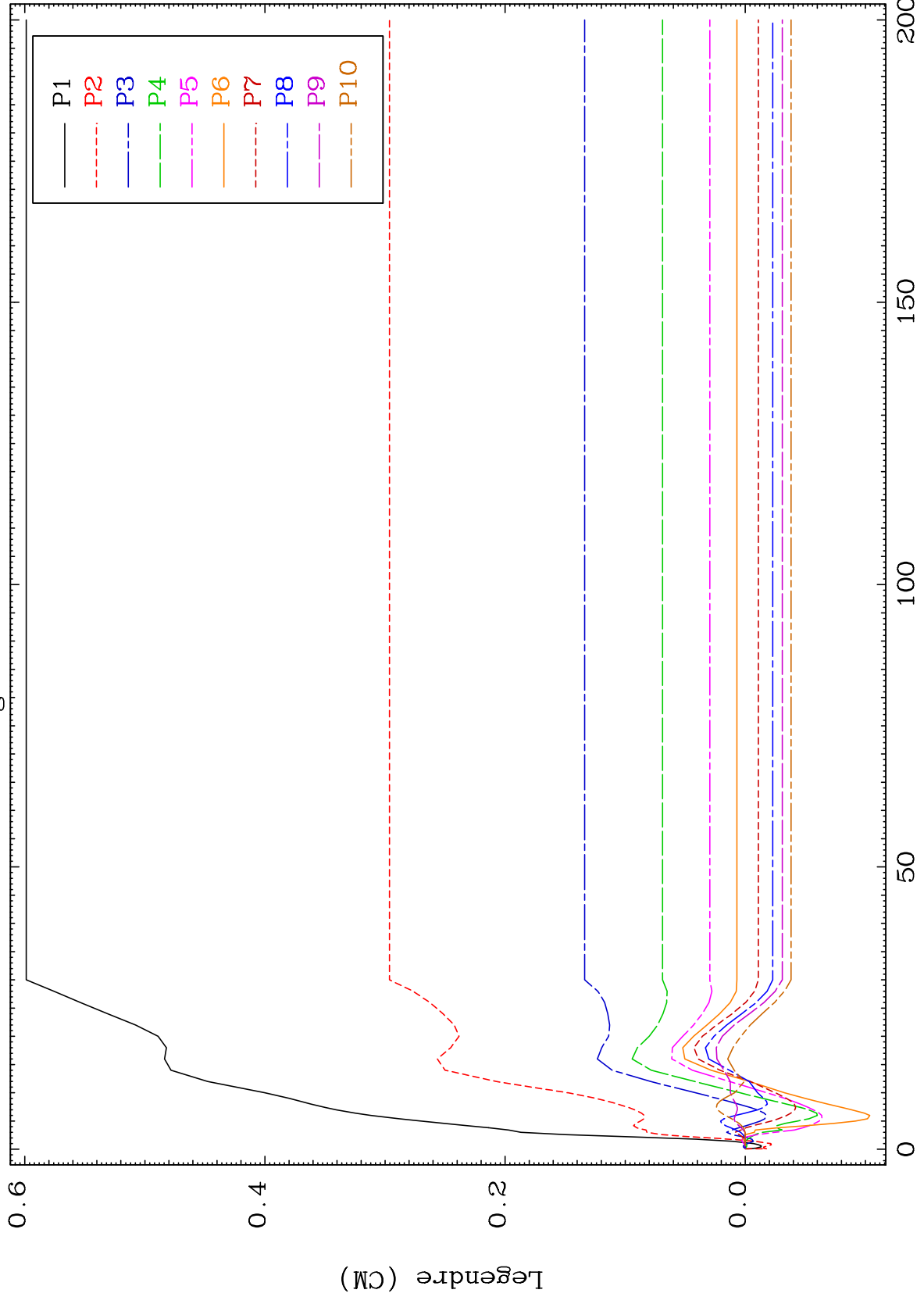
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

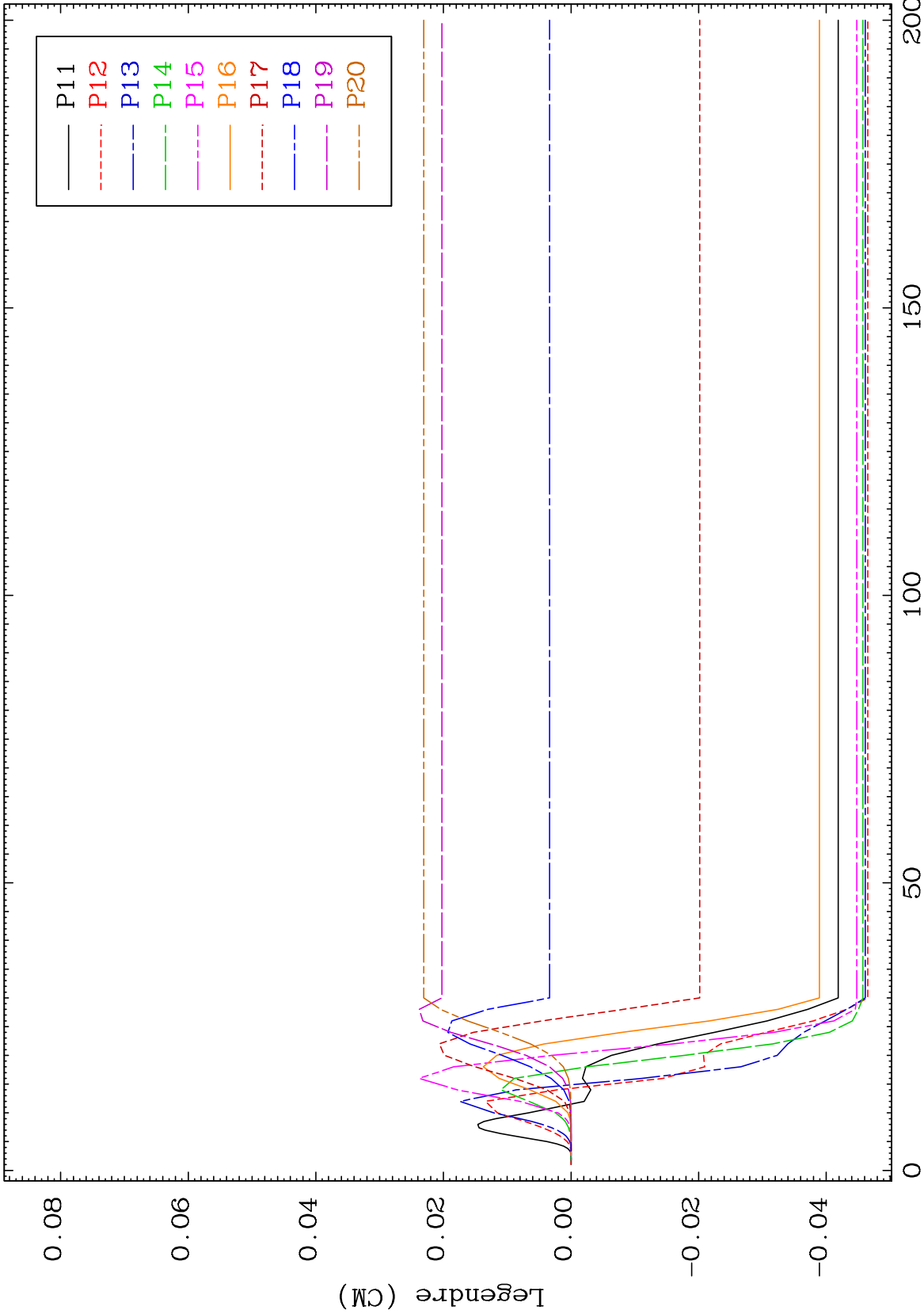
Incident Energy (MeV)

20

MAT 6649

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

66-Dy-164



21

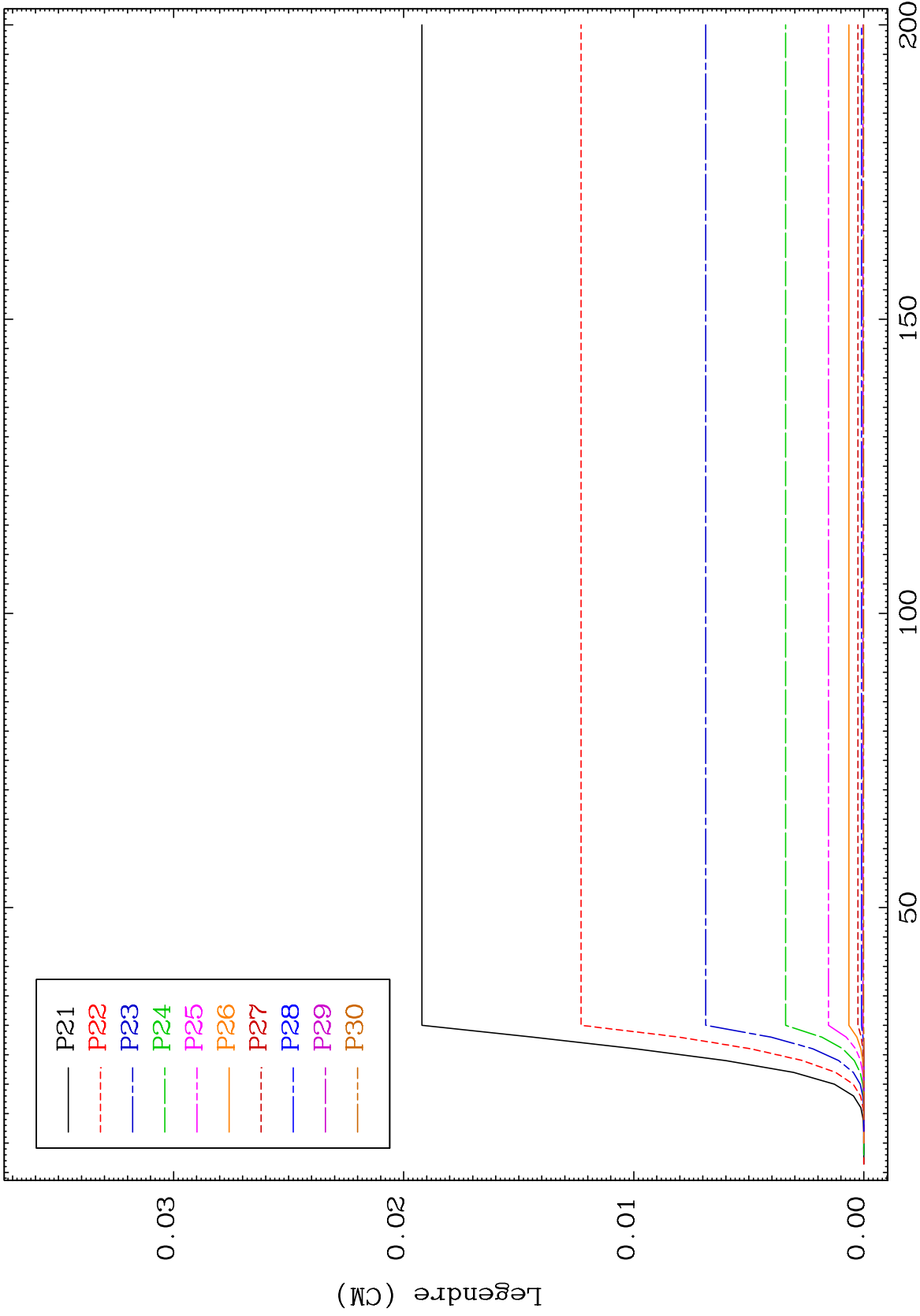
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



22

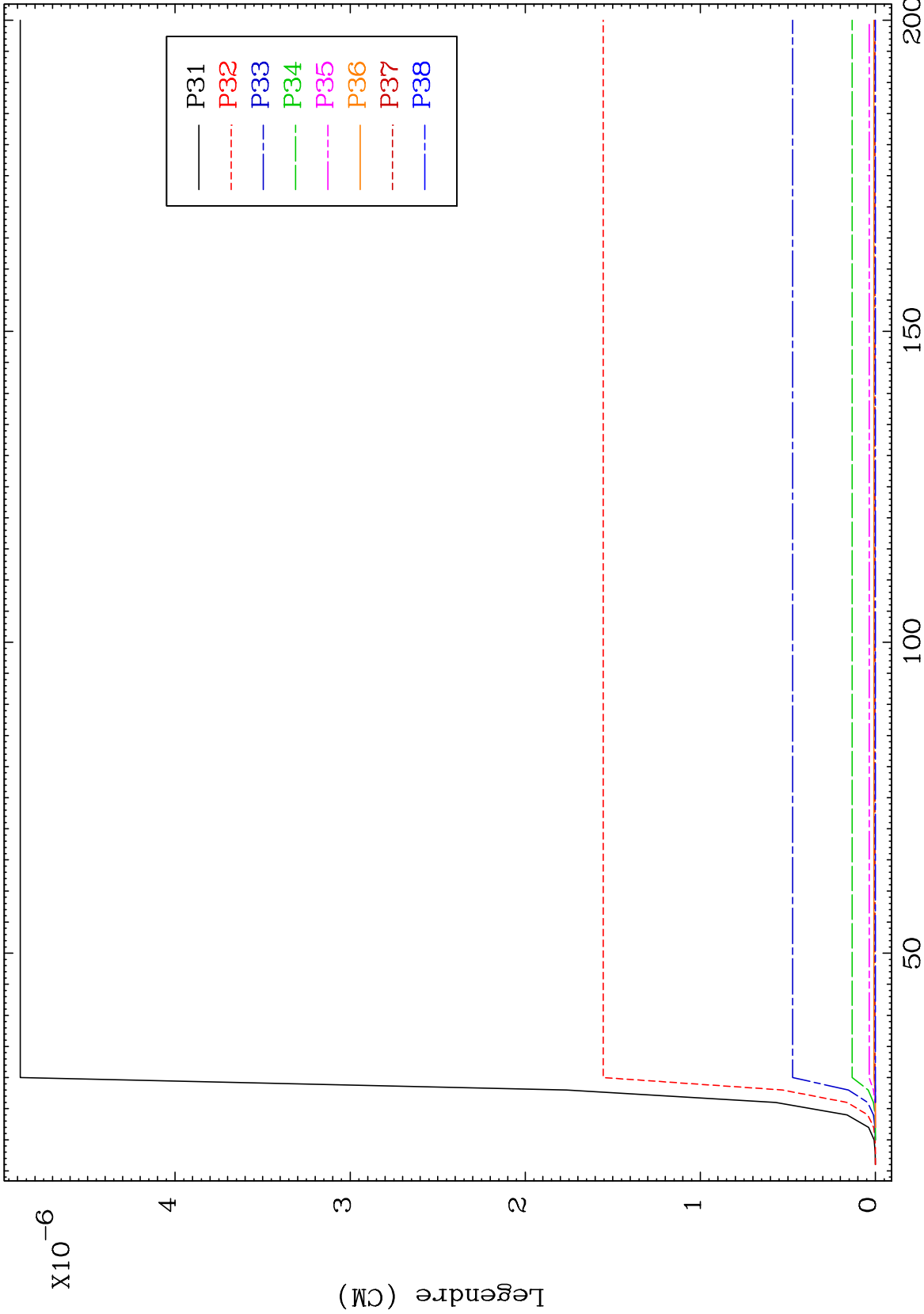
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



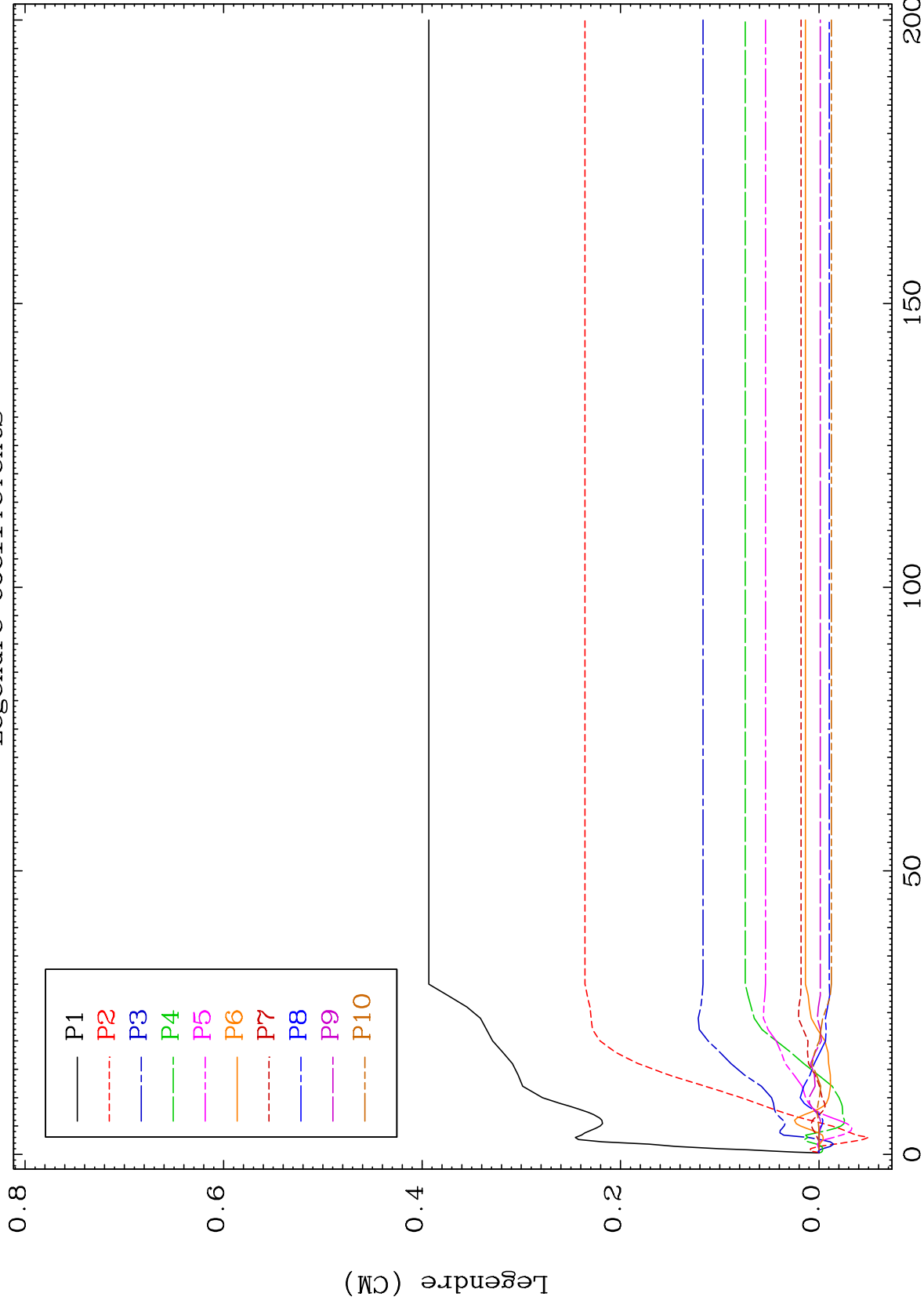
23

66-Dy-164

MAT 6649

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

66-Dy-164



24

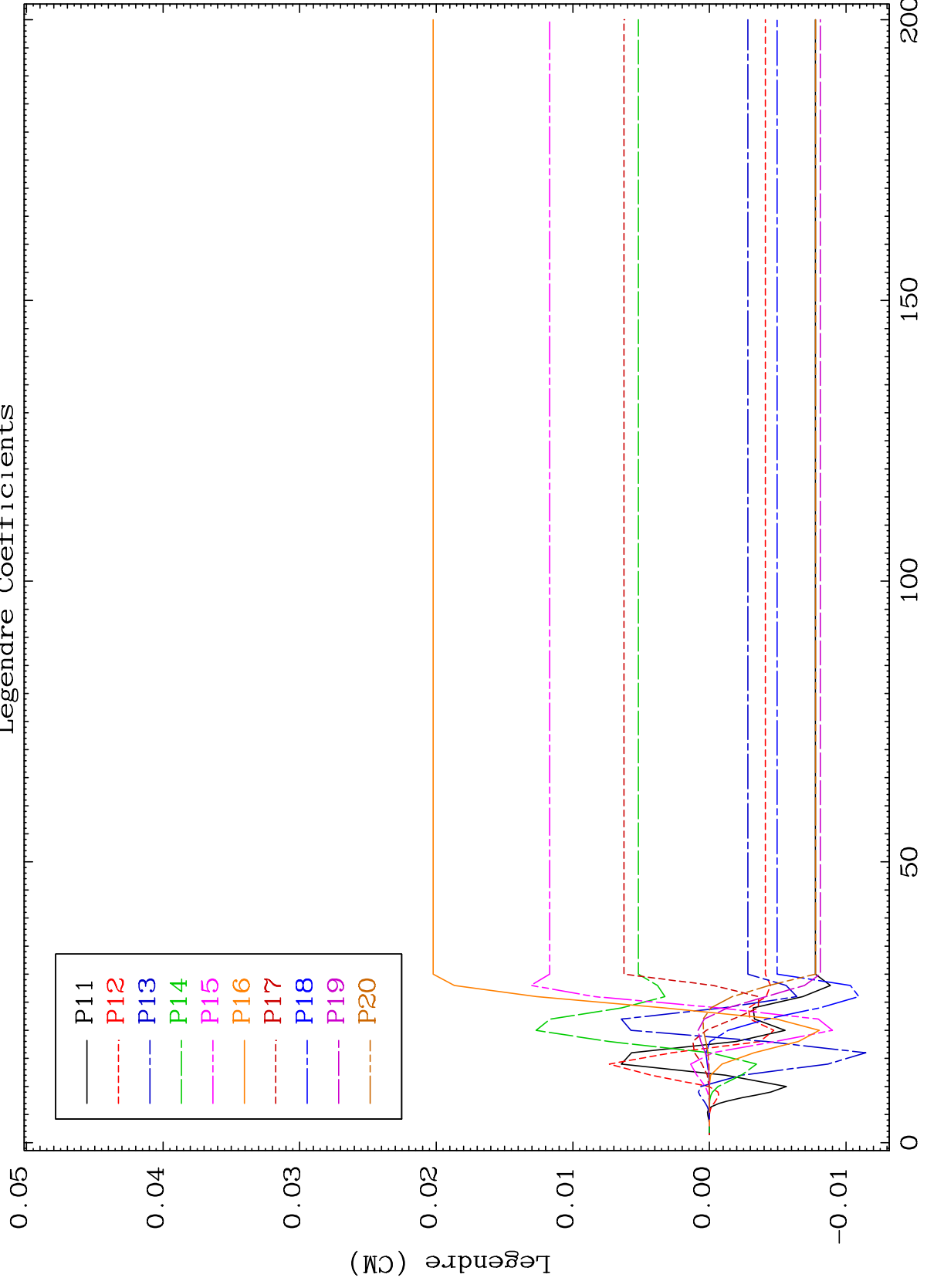
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

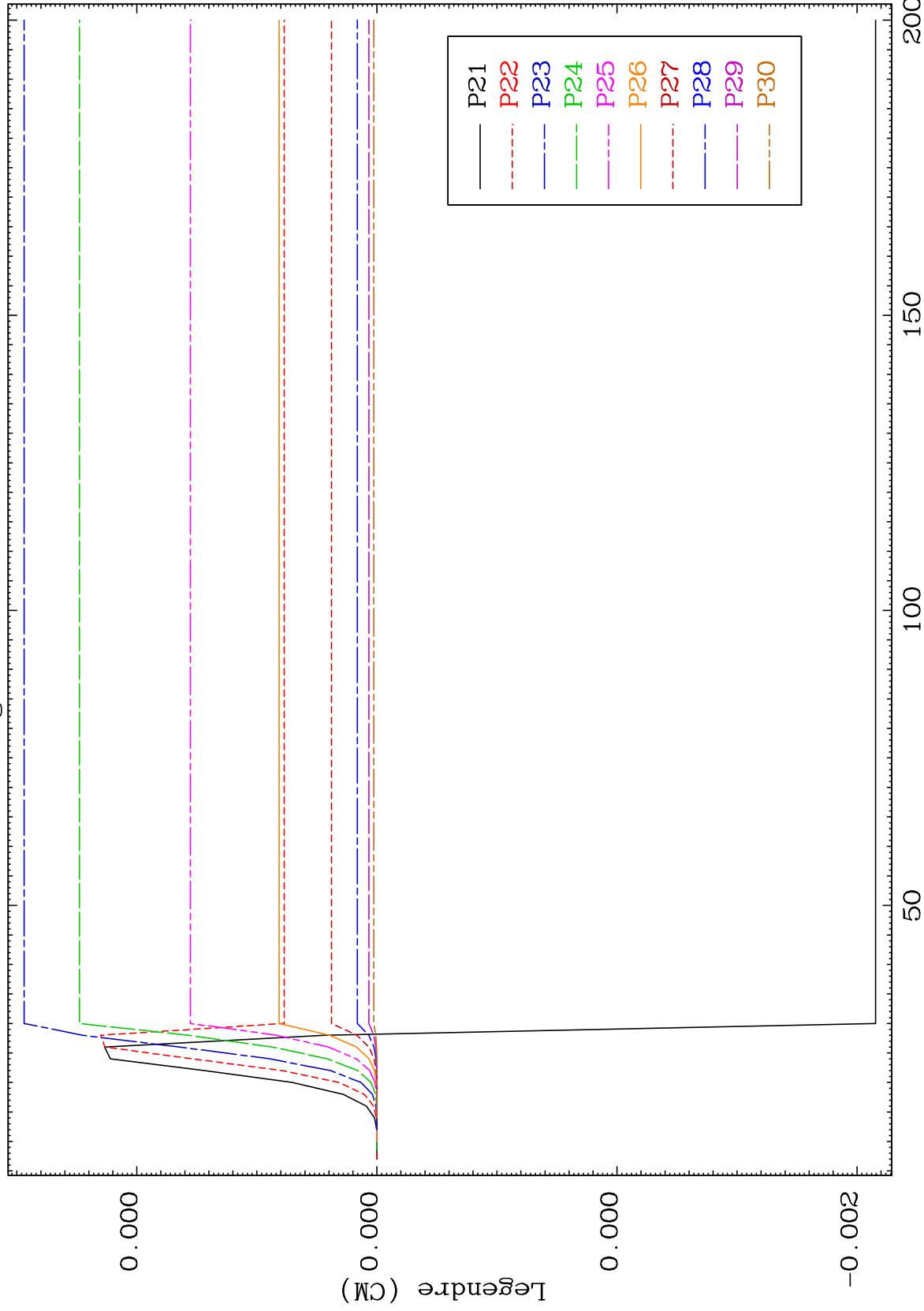
Incident Energy (MeV)

25

MAT 6649

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

66-Dy-164



26

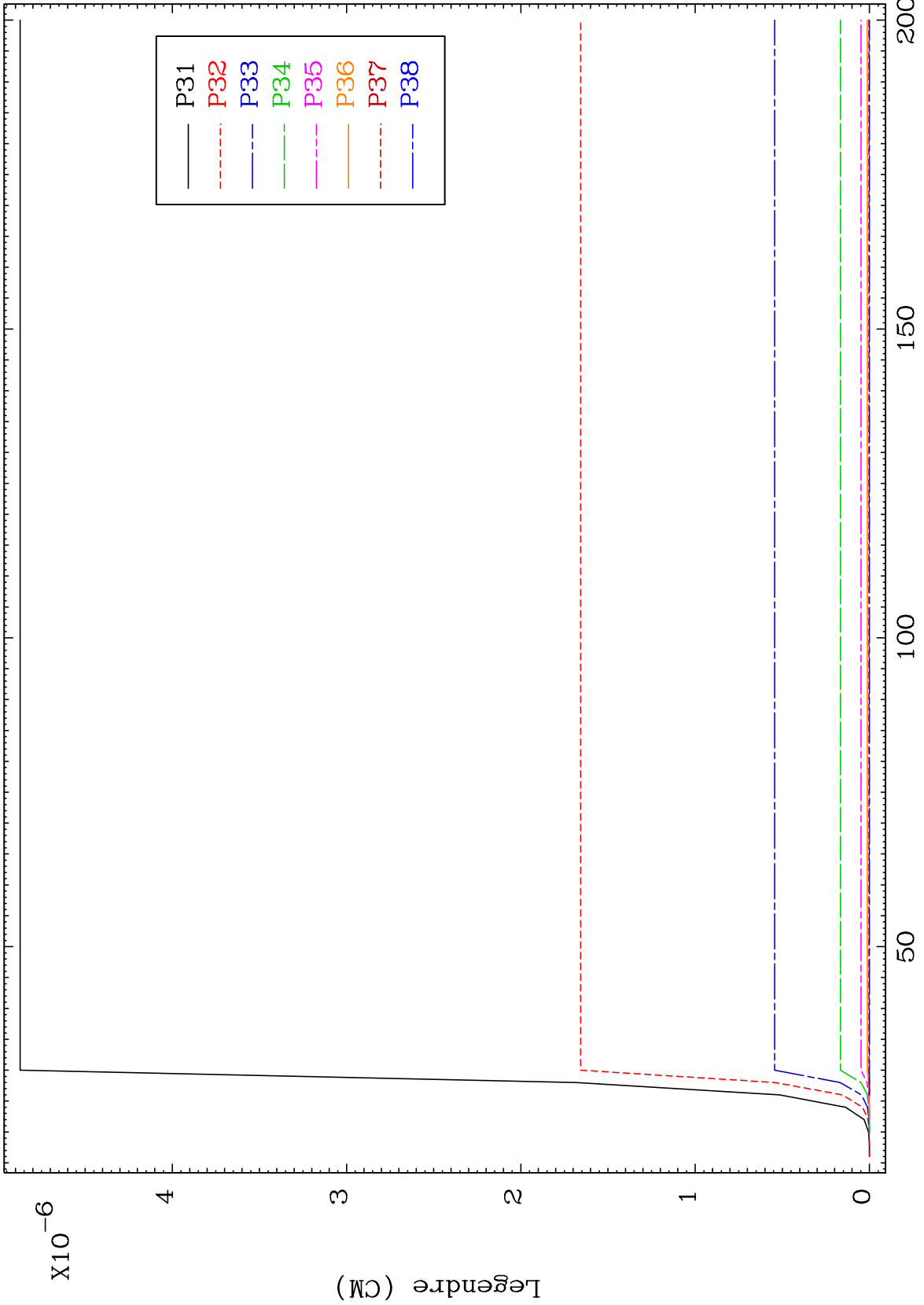
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



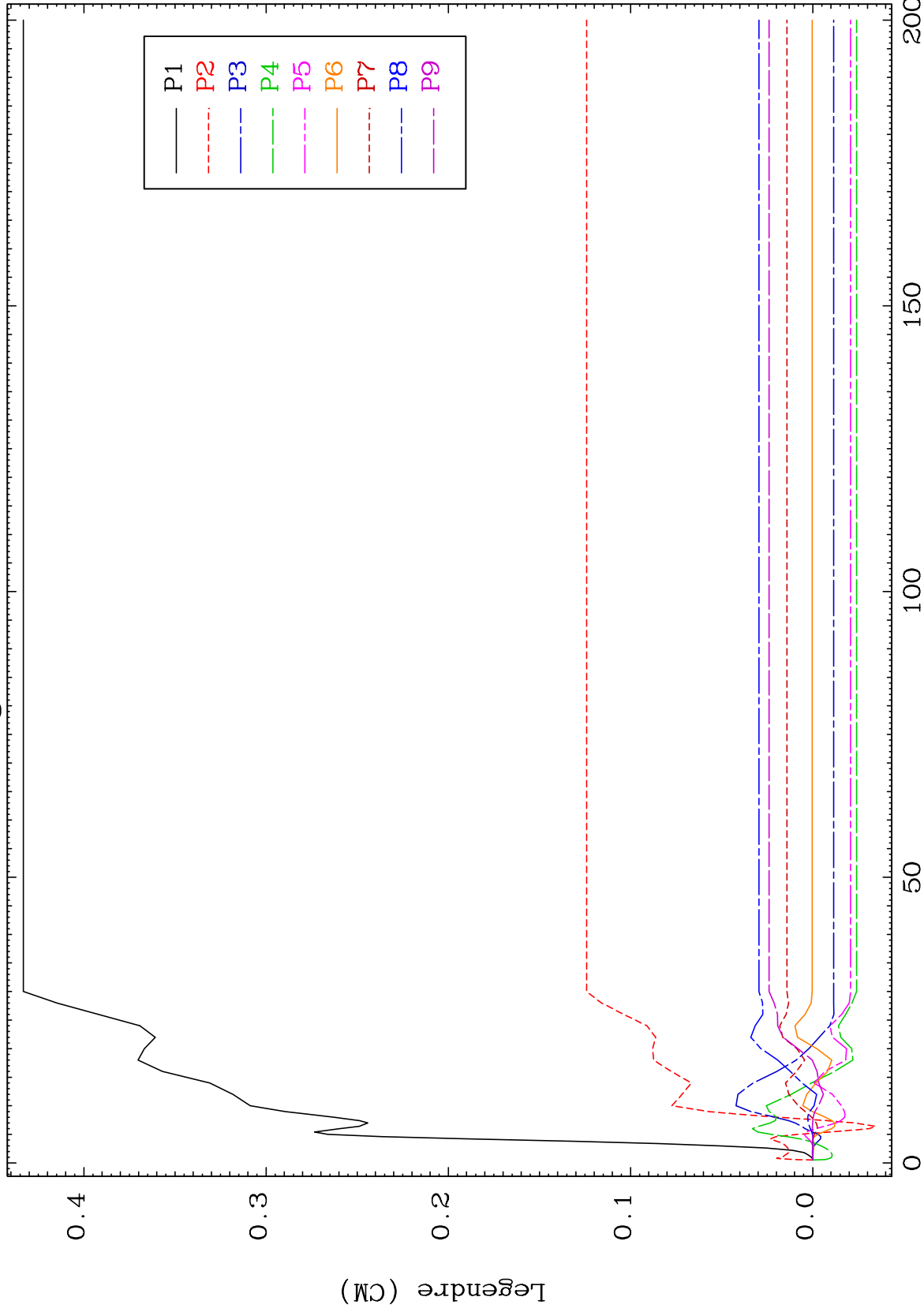
27

66-Dy-164

MAT 6649

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

66-Dy-164



28

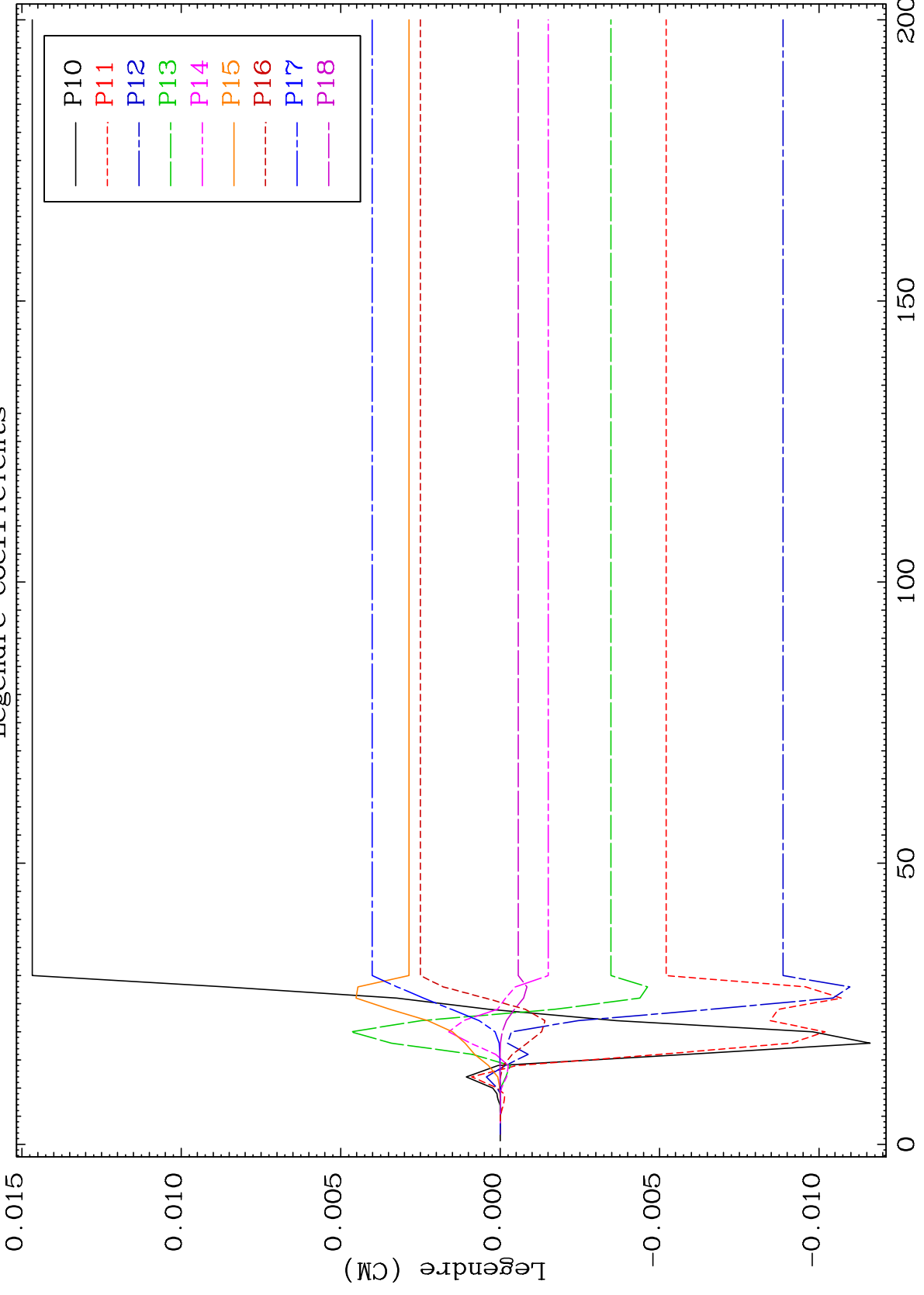
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



29

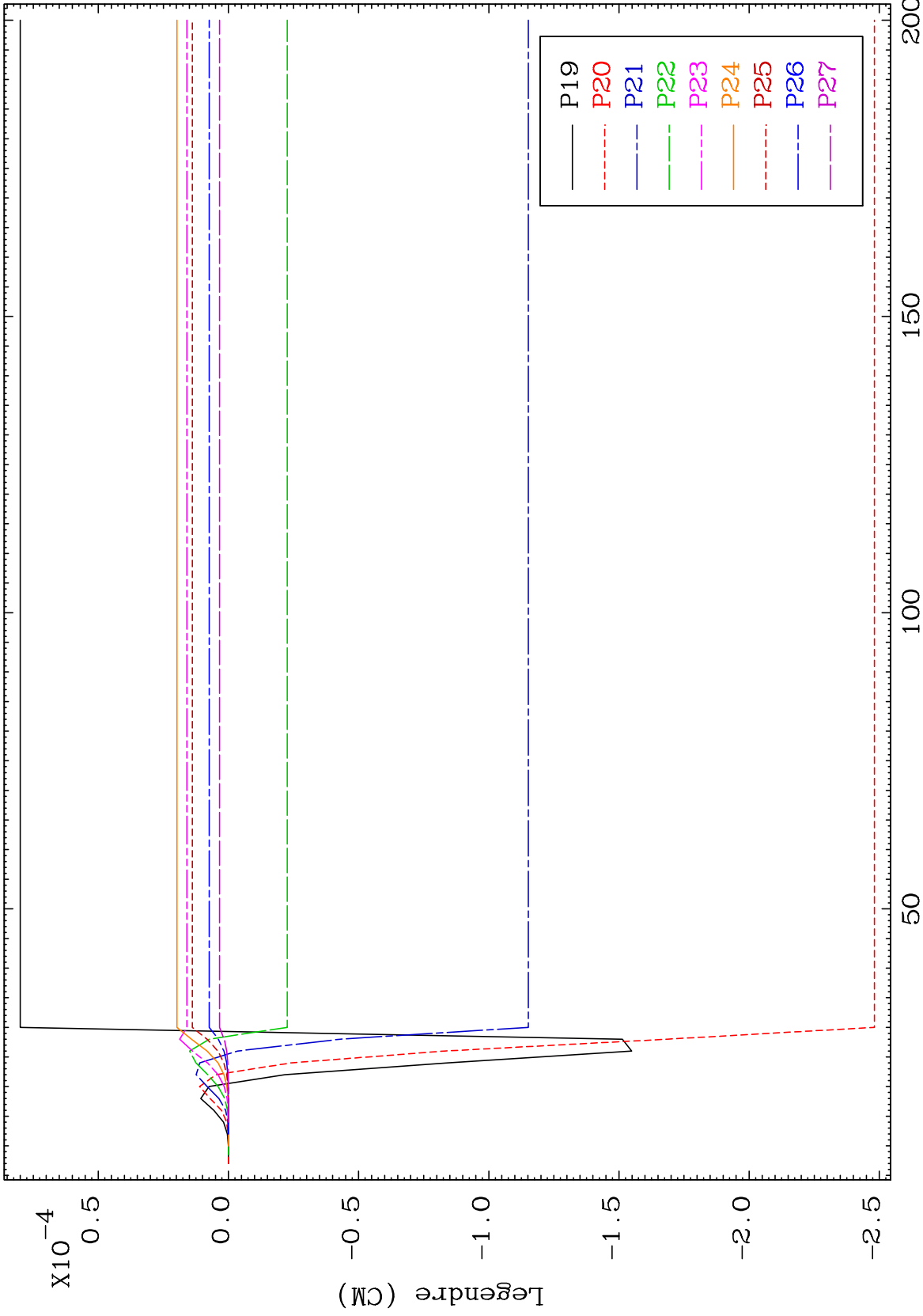
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



30

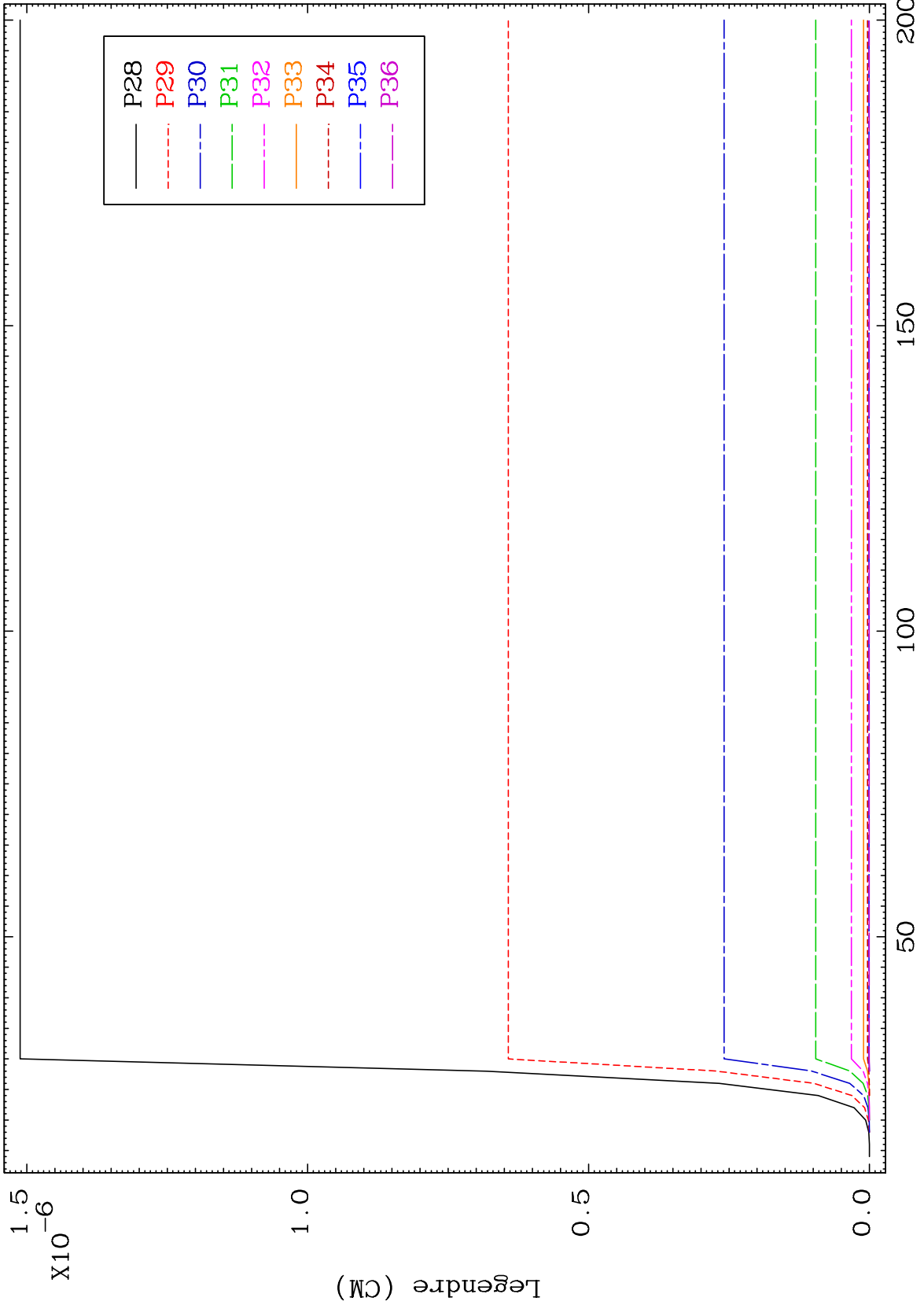
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



31

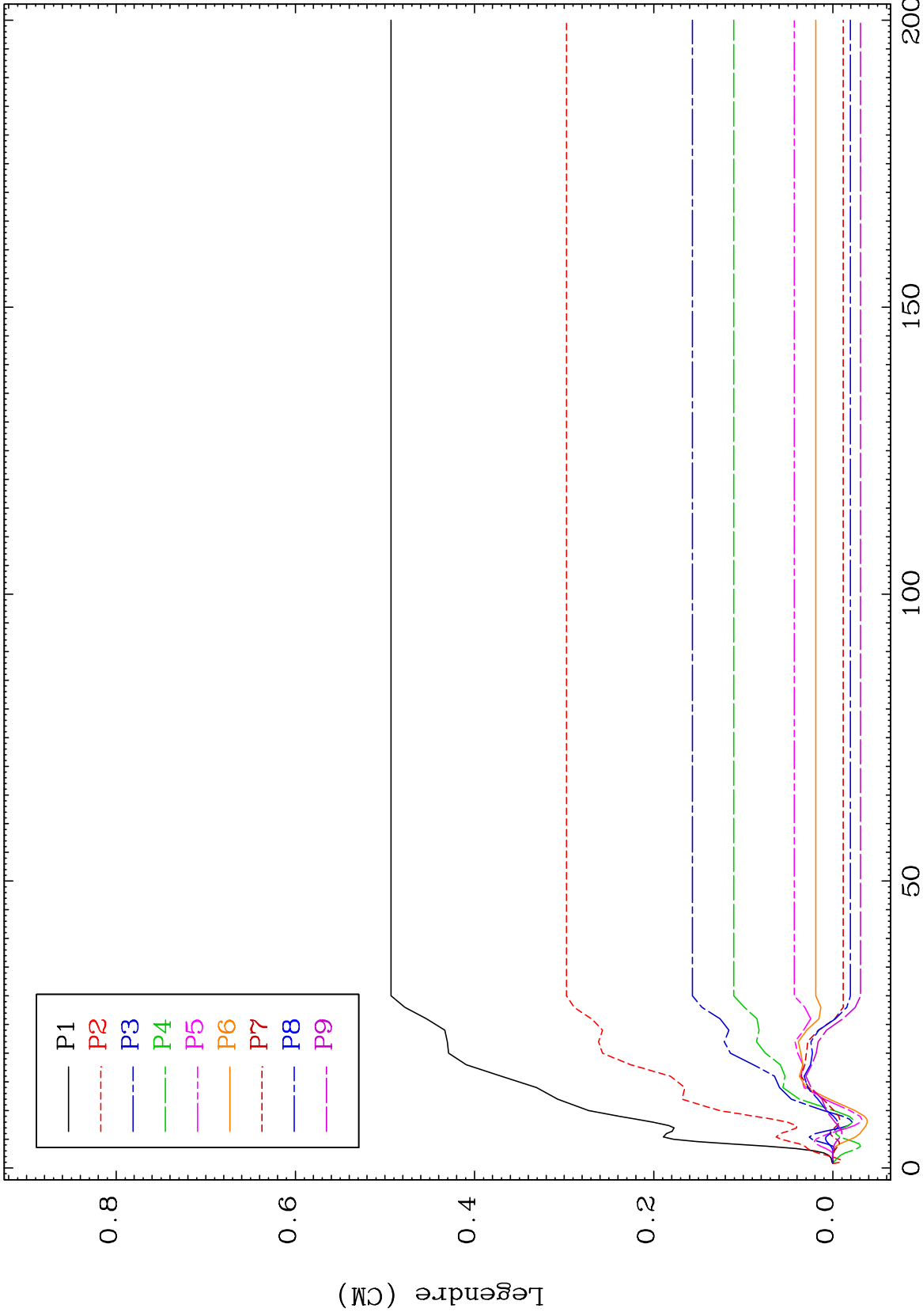
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



32

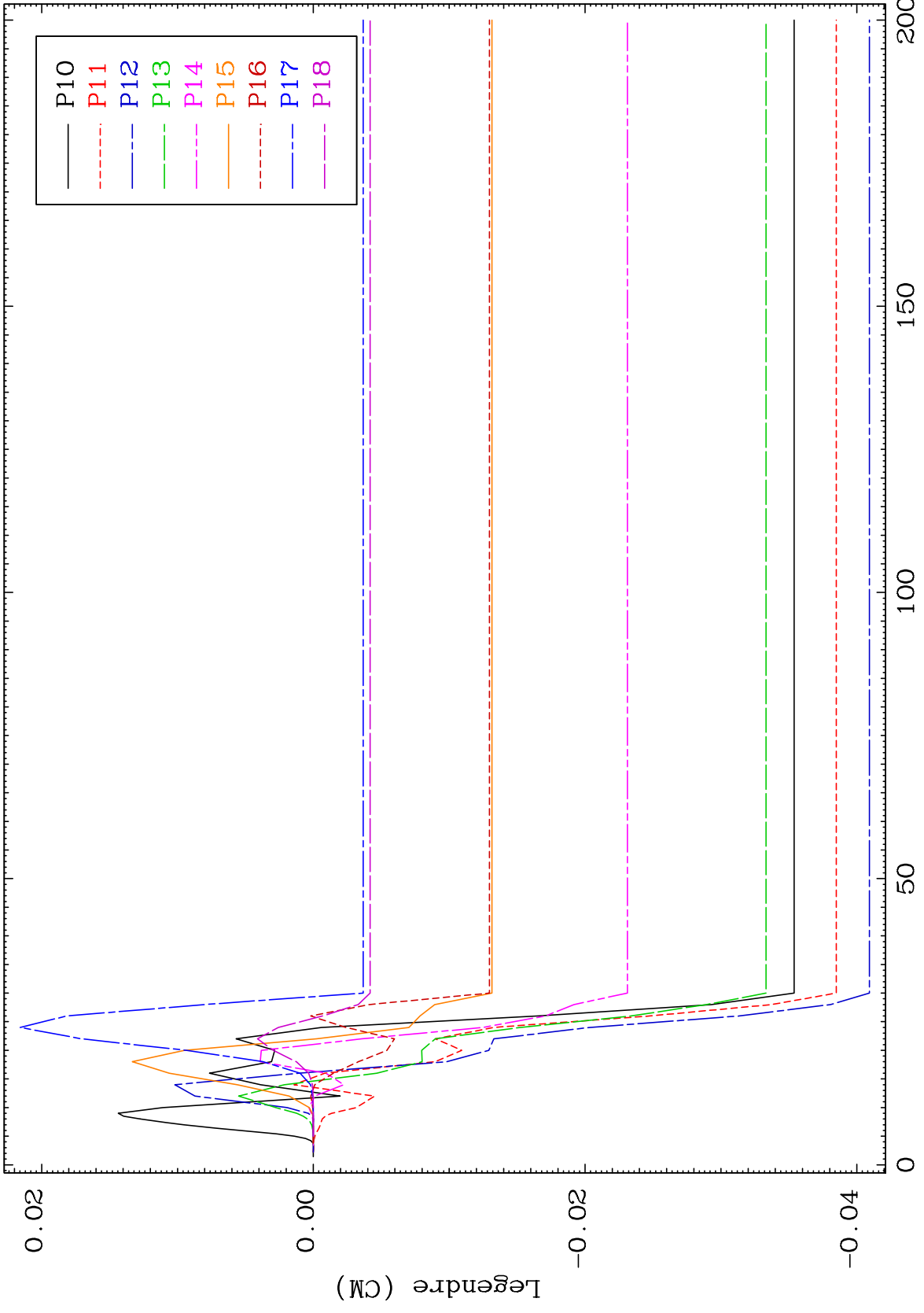
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



33

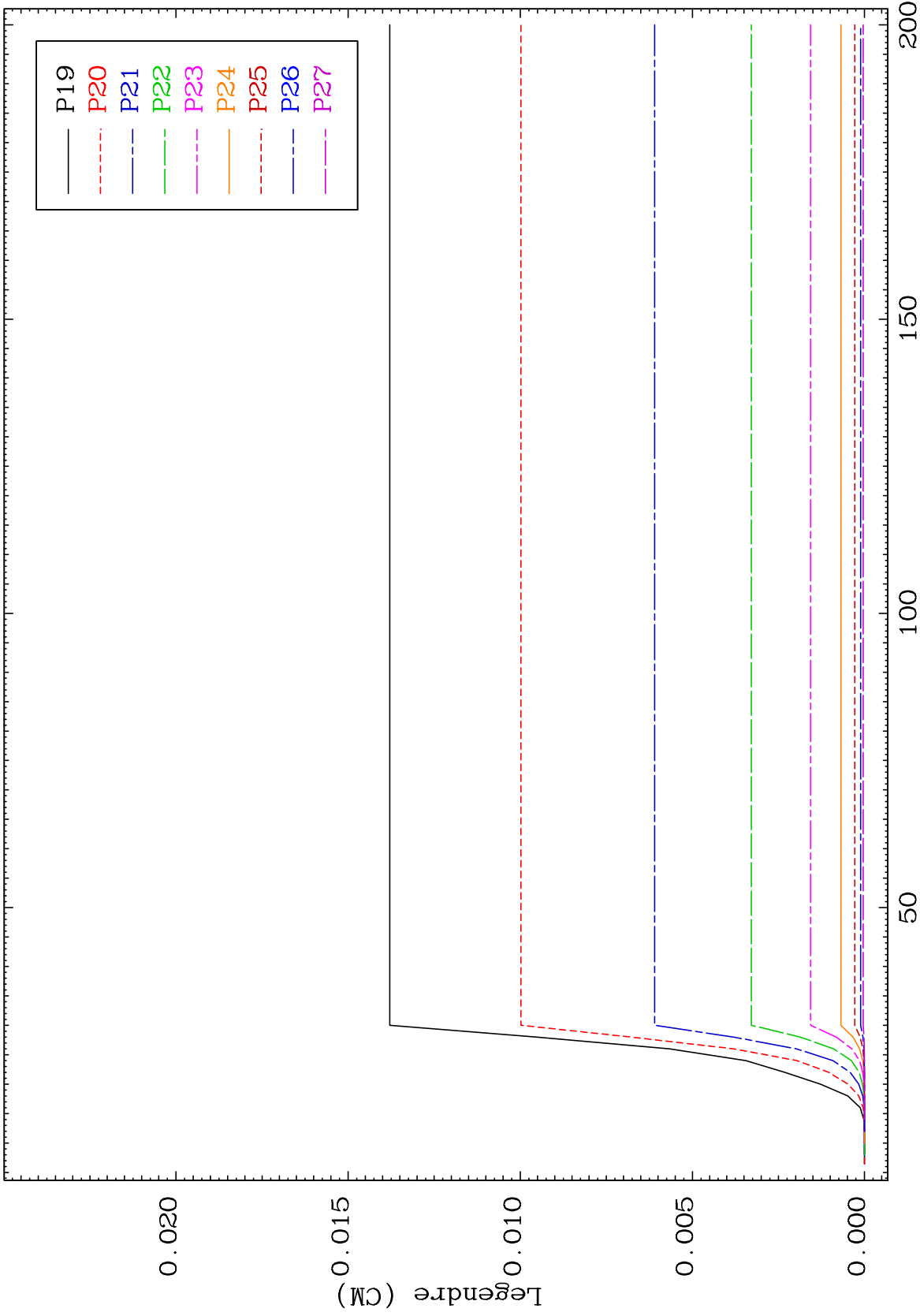
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



34

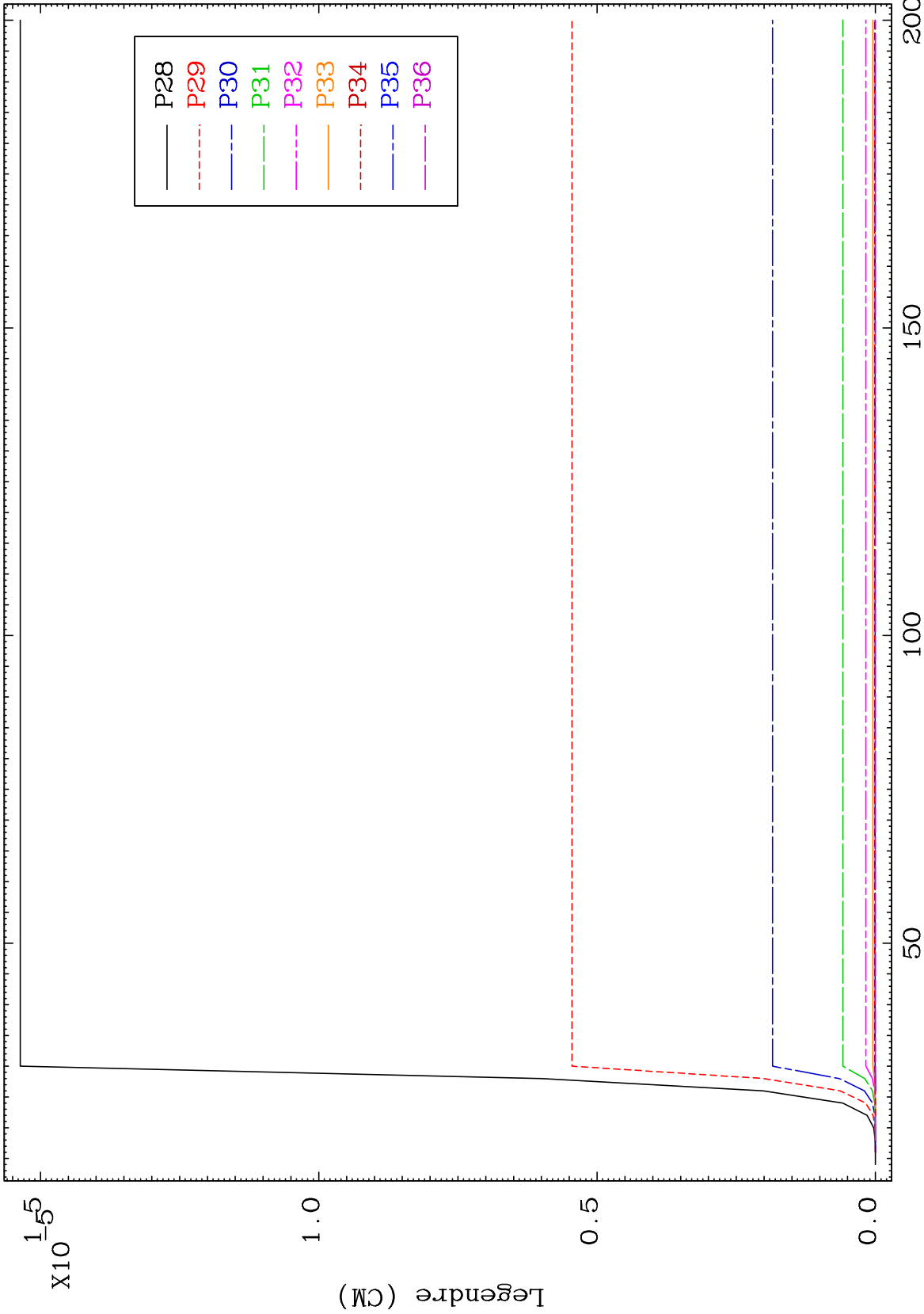
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



35

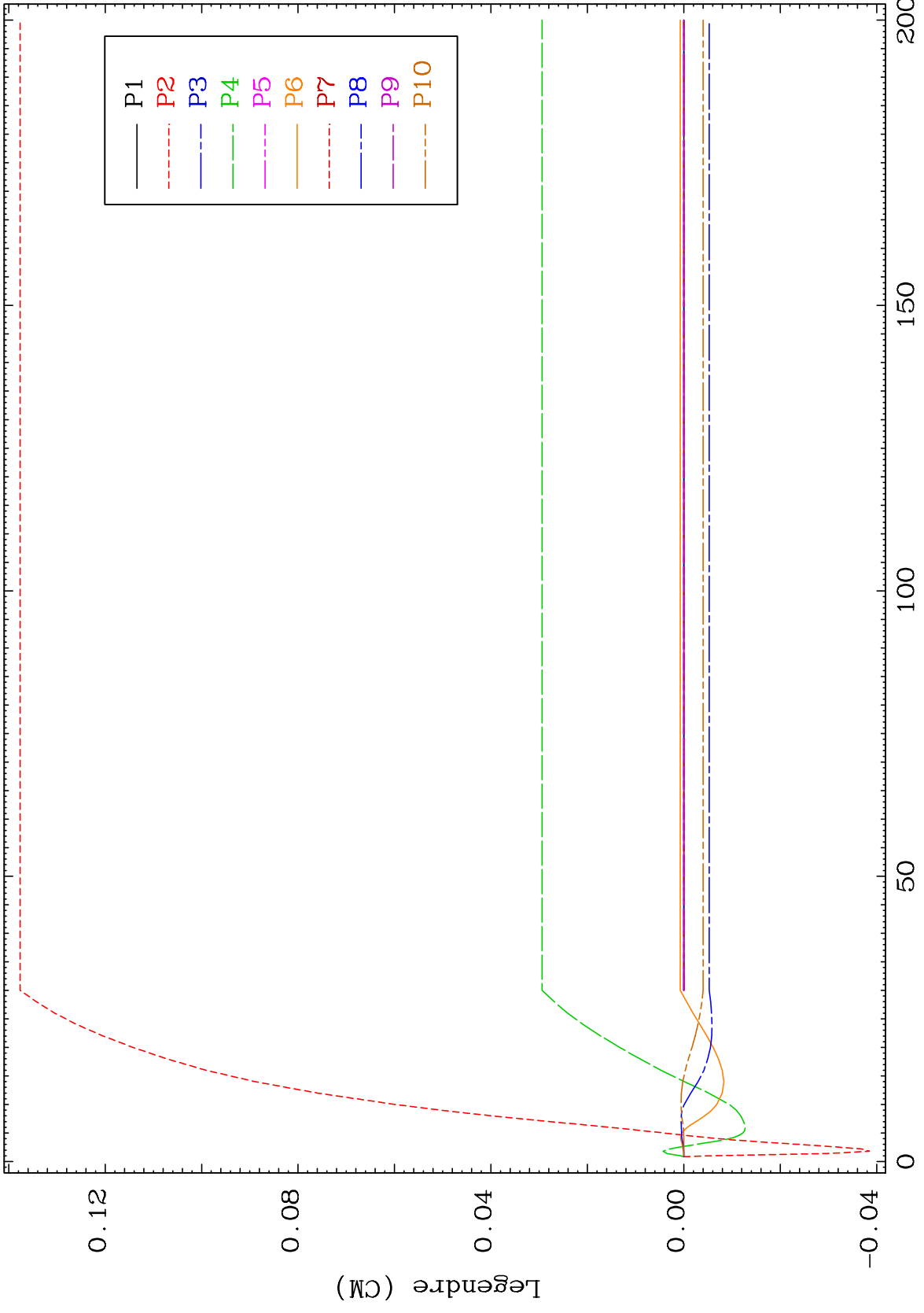
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



36

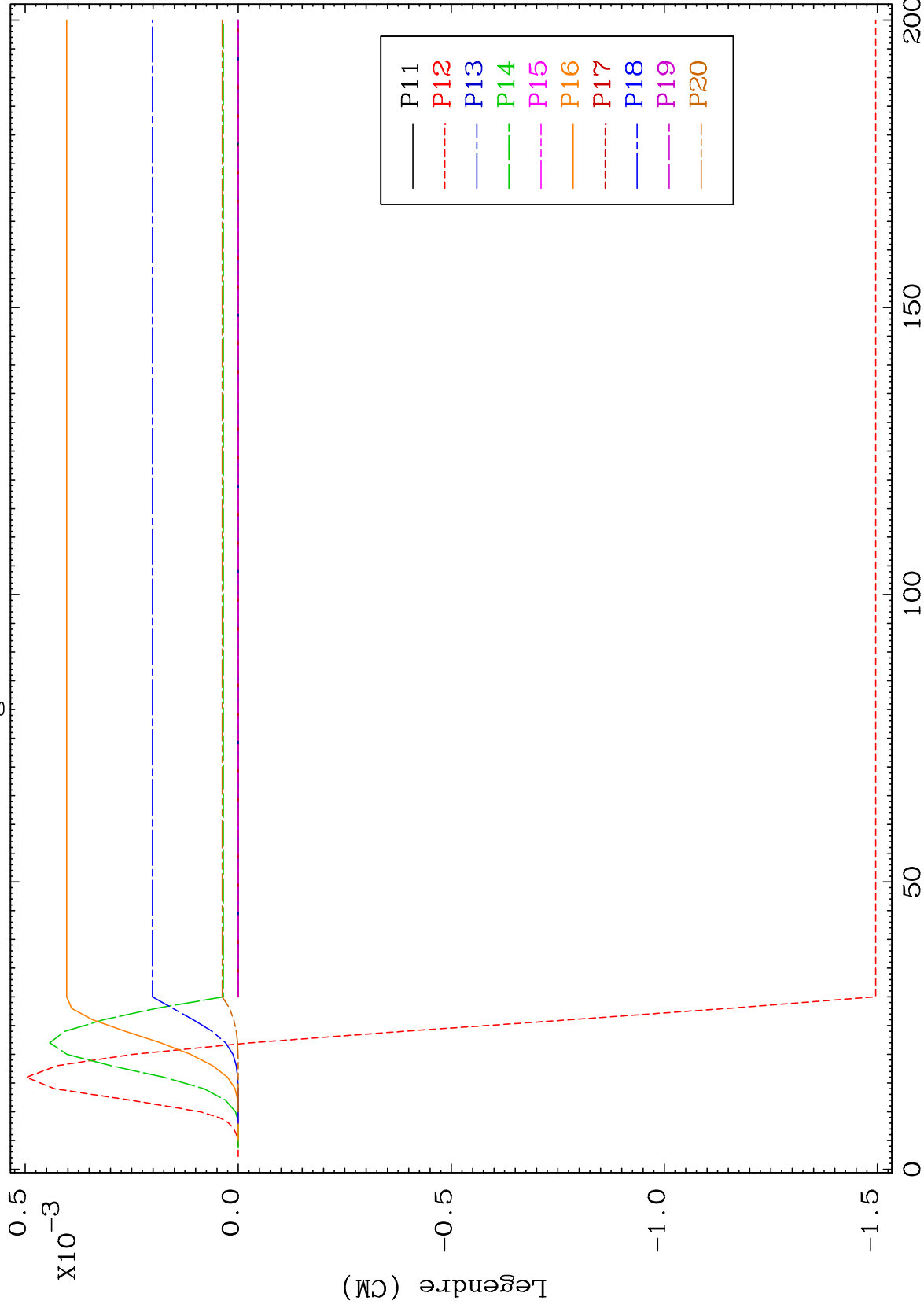
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164

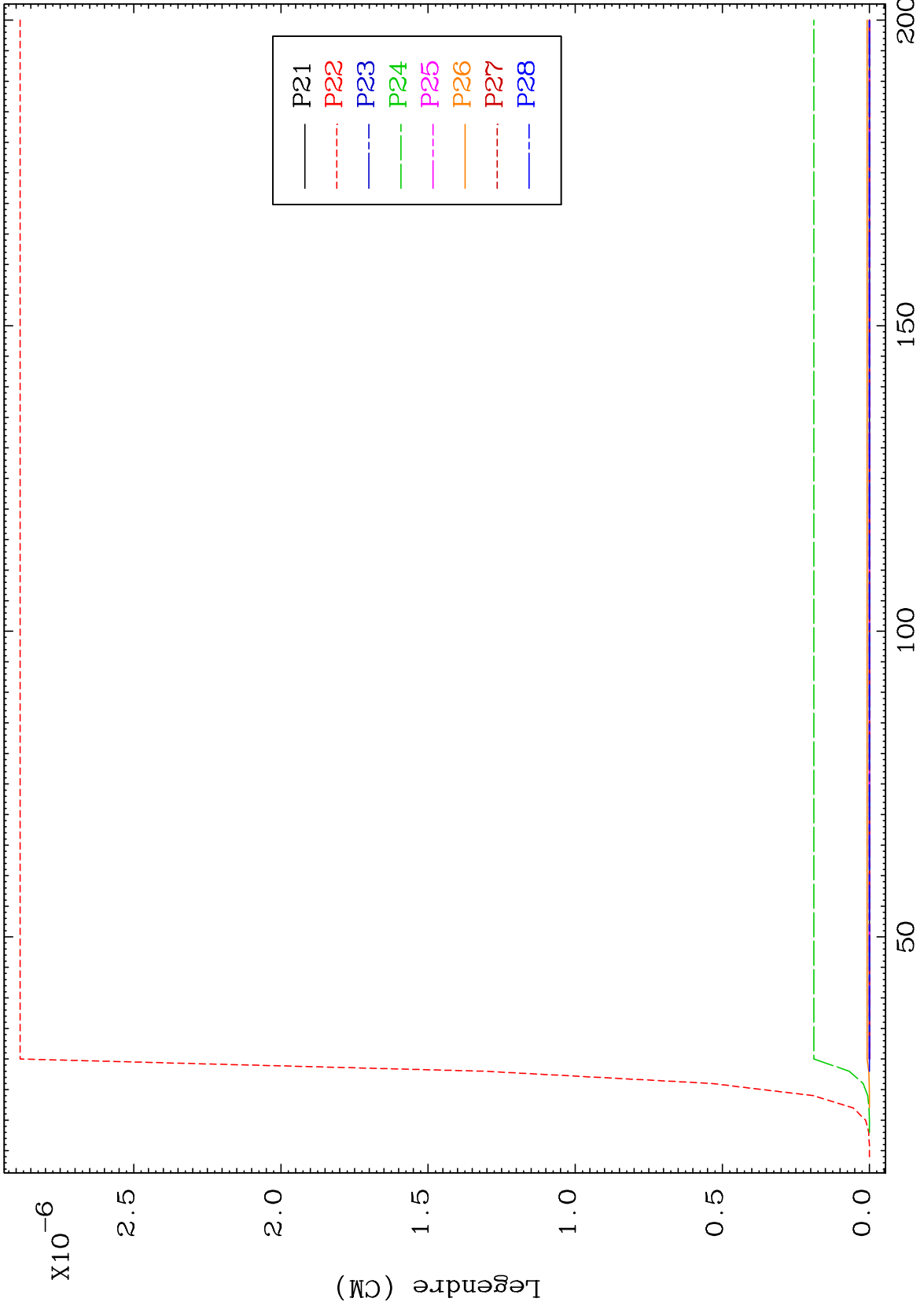


37

Incident Energy (MeV)

66-Dy-164

MAT 6649 MT= 55 (n,n') Level Legendre Coefficients 66-Dy-164

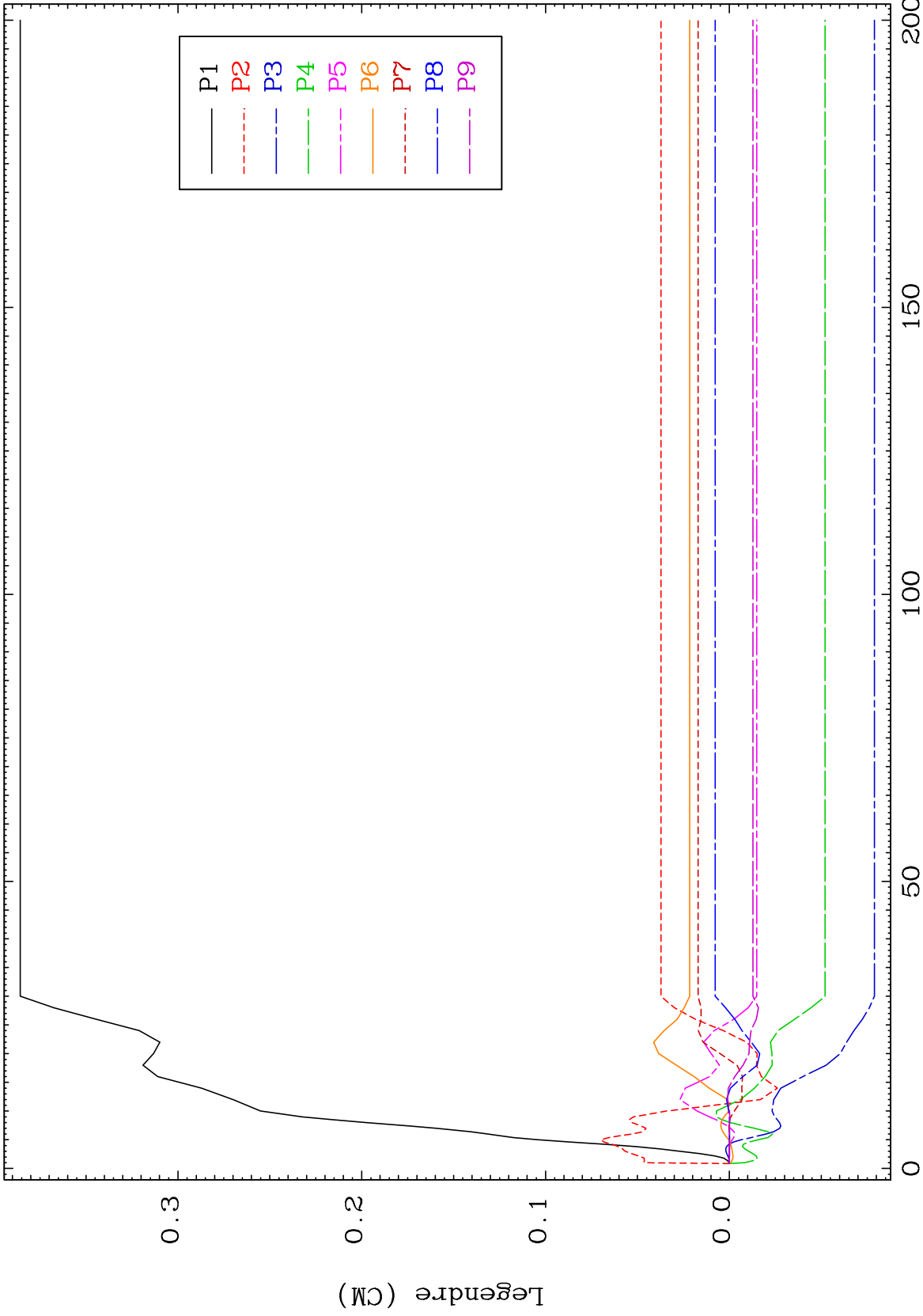


38 50 100 150 200 66-Dy-164

MAT 6649

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

66-Dy-164



39

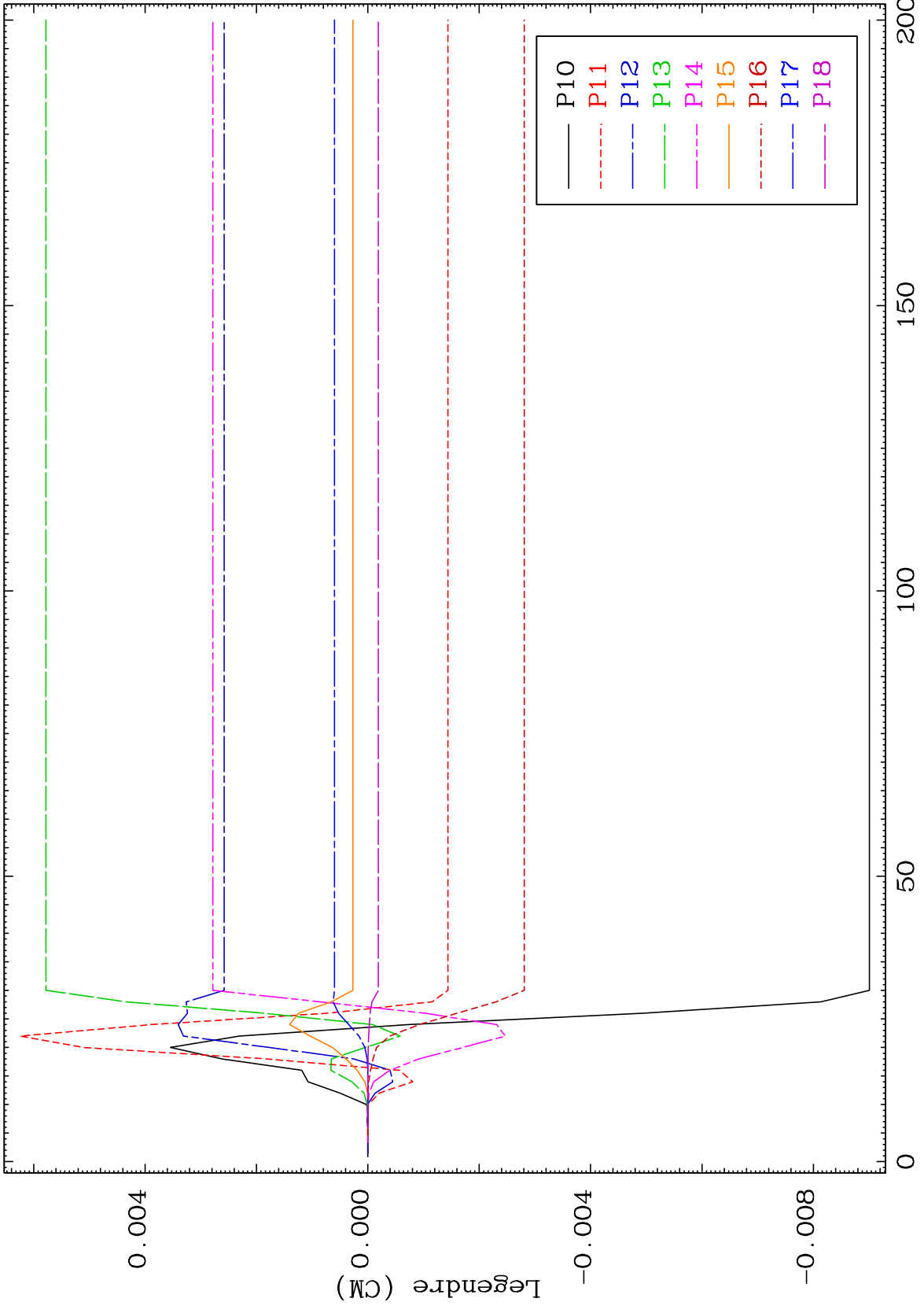
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

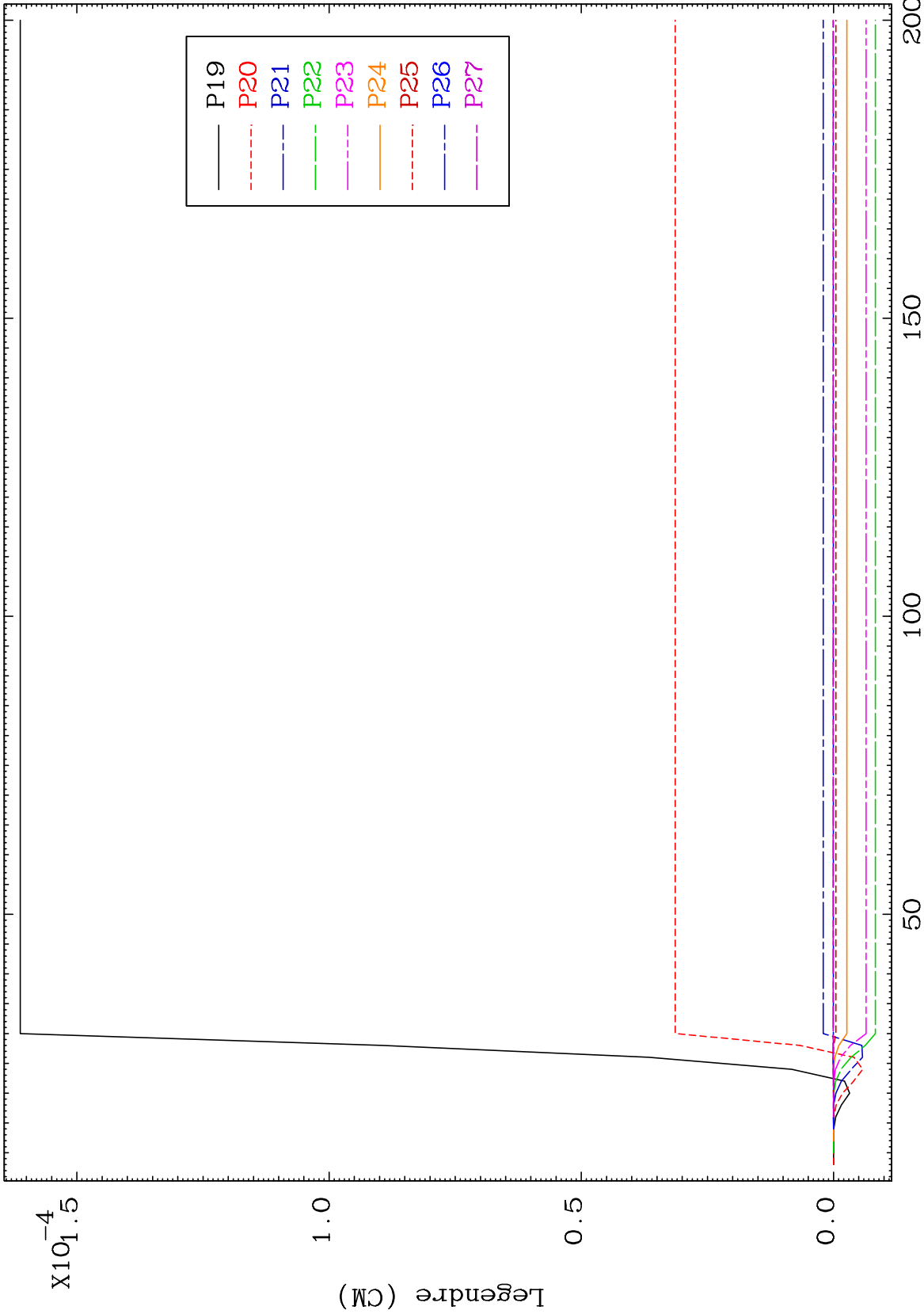
Incident Energy (MeV)

40

MAT 6649

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

66-Dy-164



41

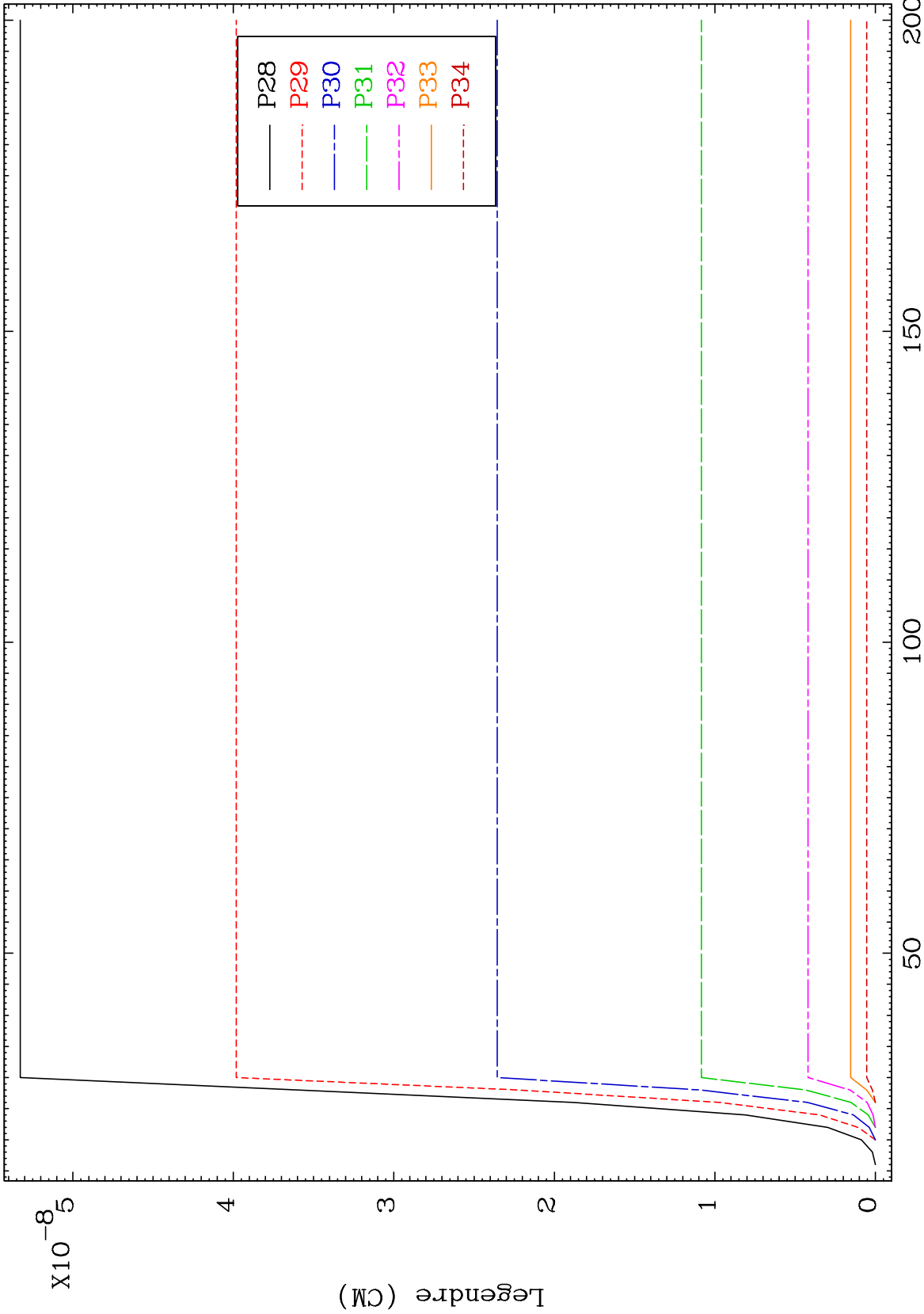
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



42

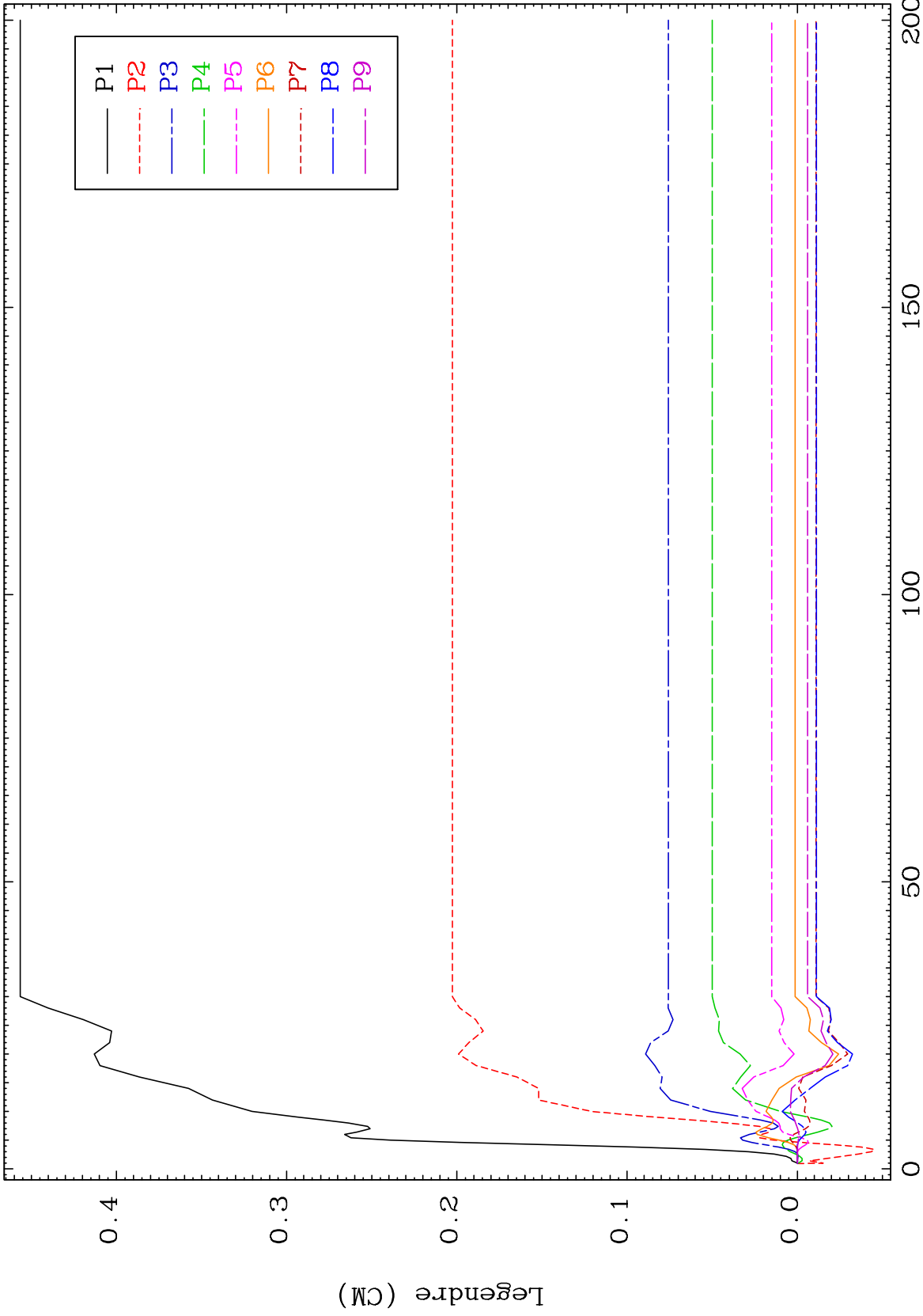
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



43

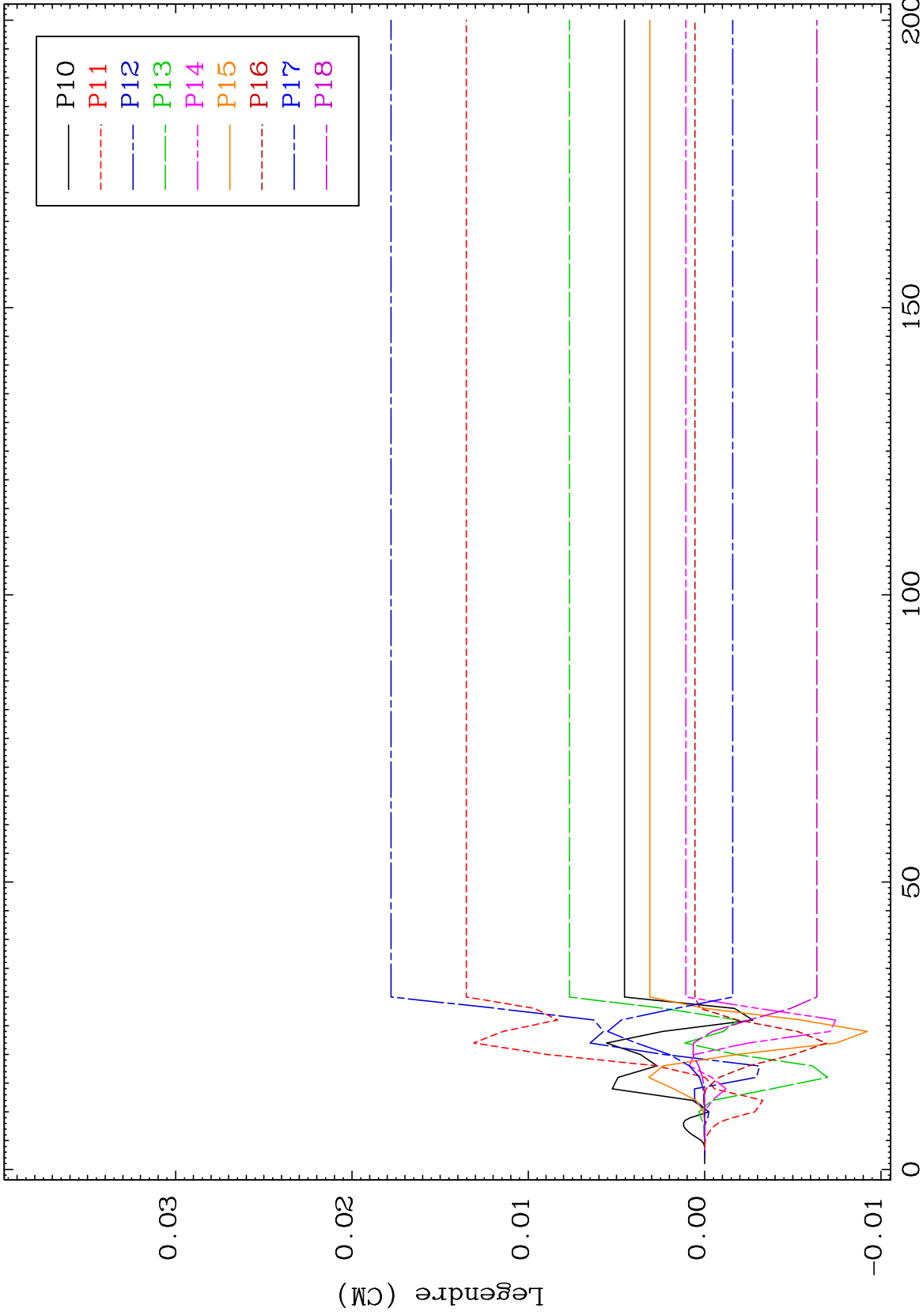
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



44

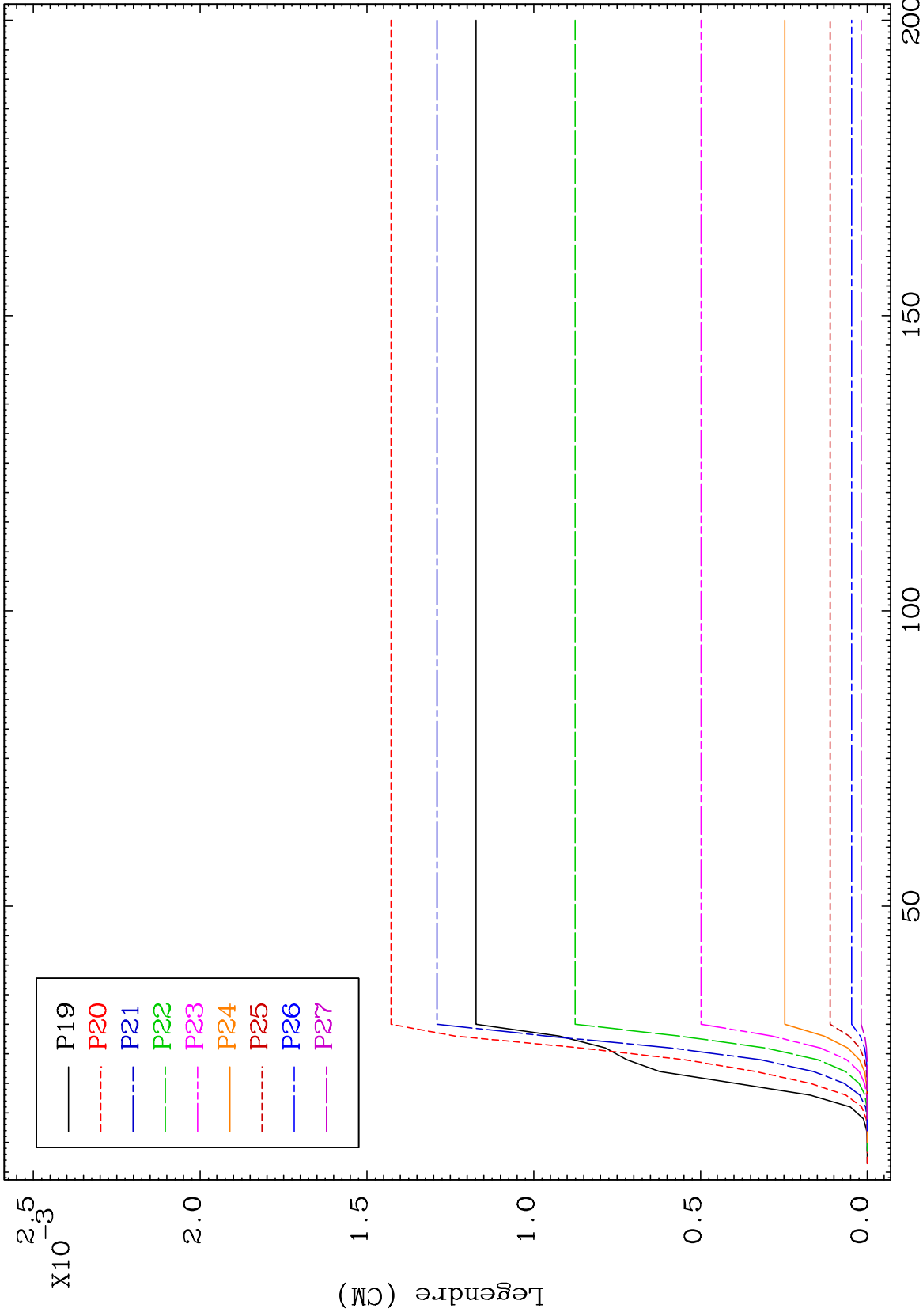
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



45

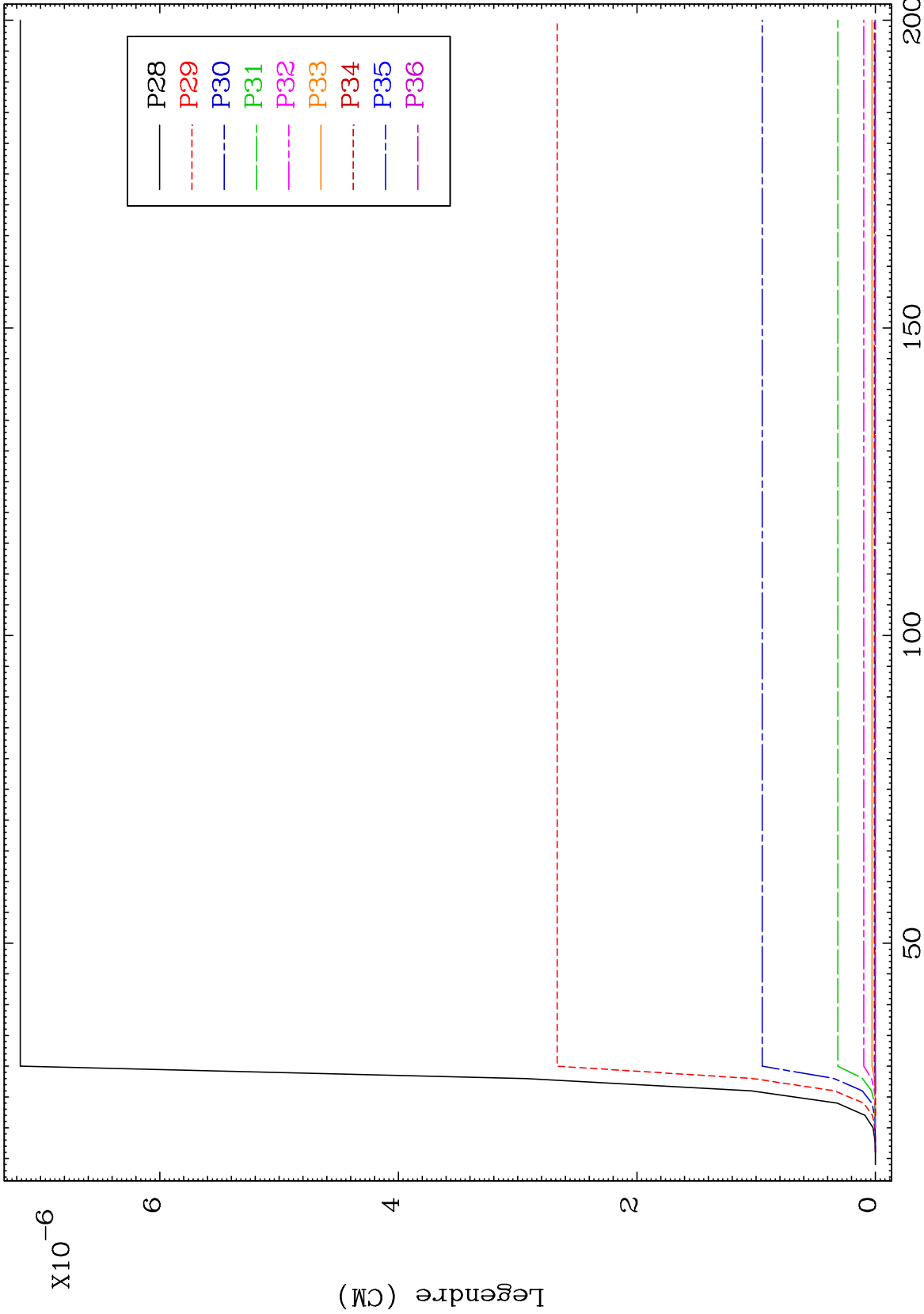
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



46

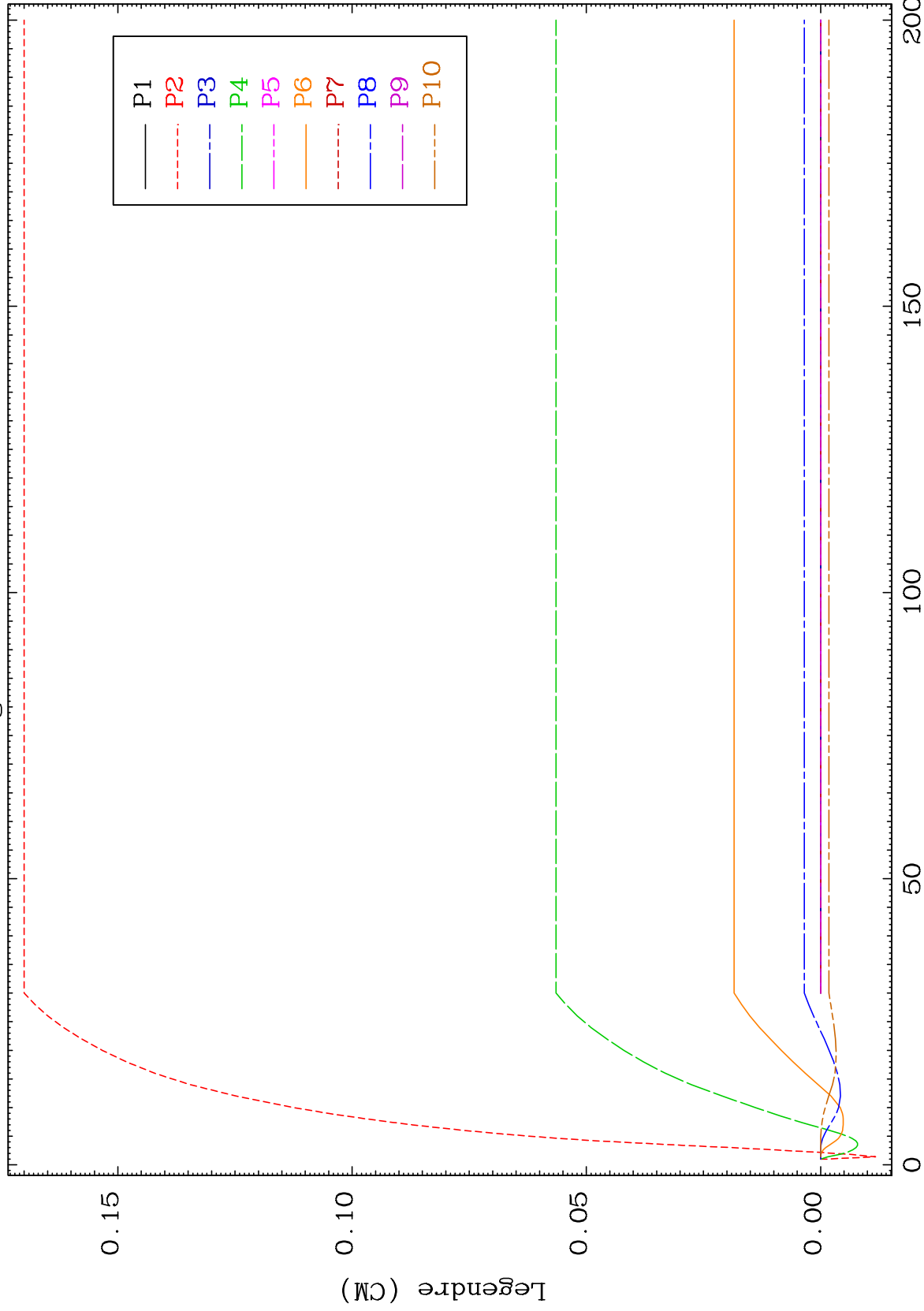
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



47

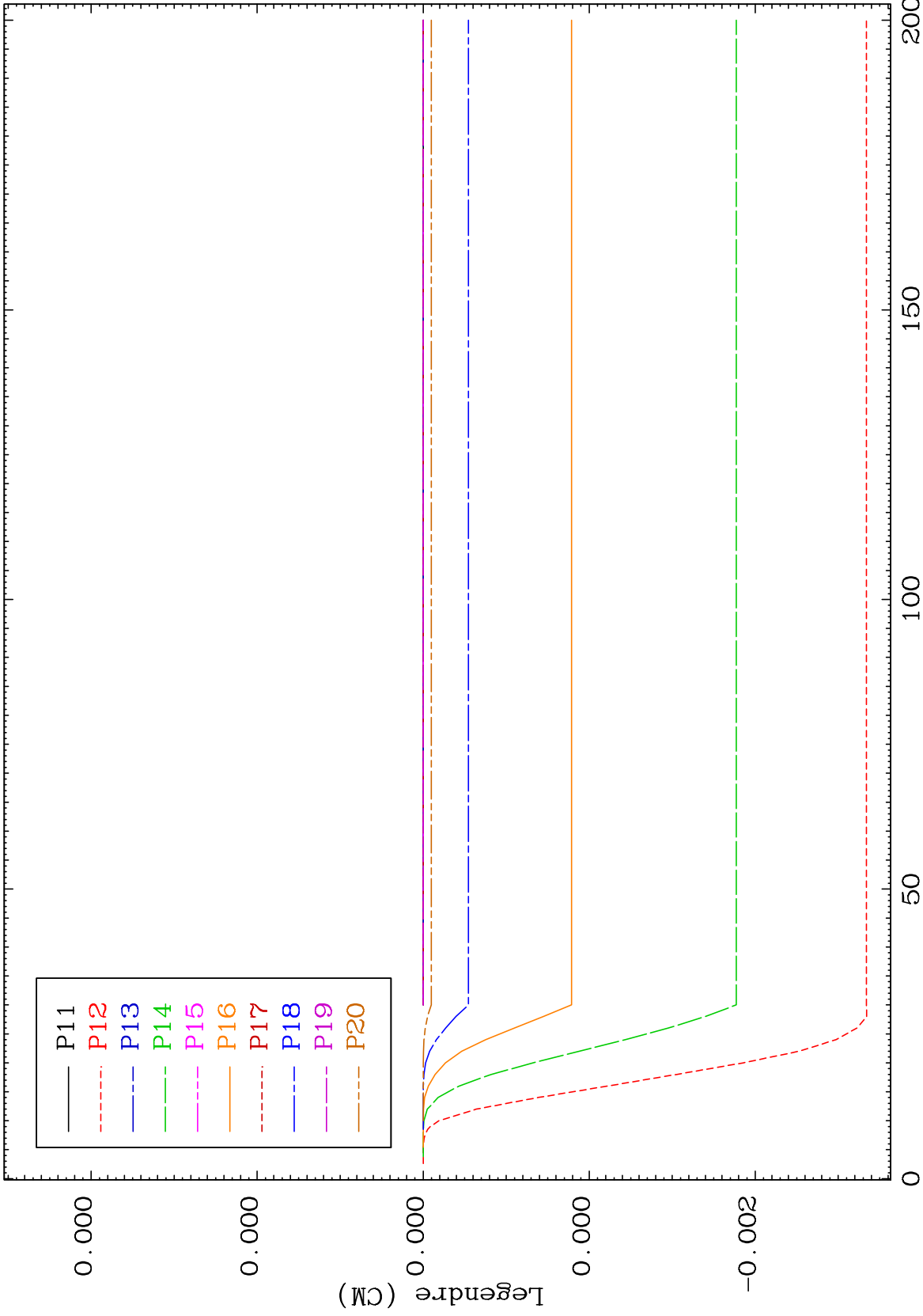
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



48

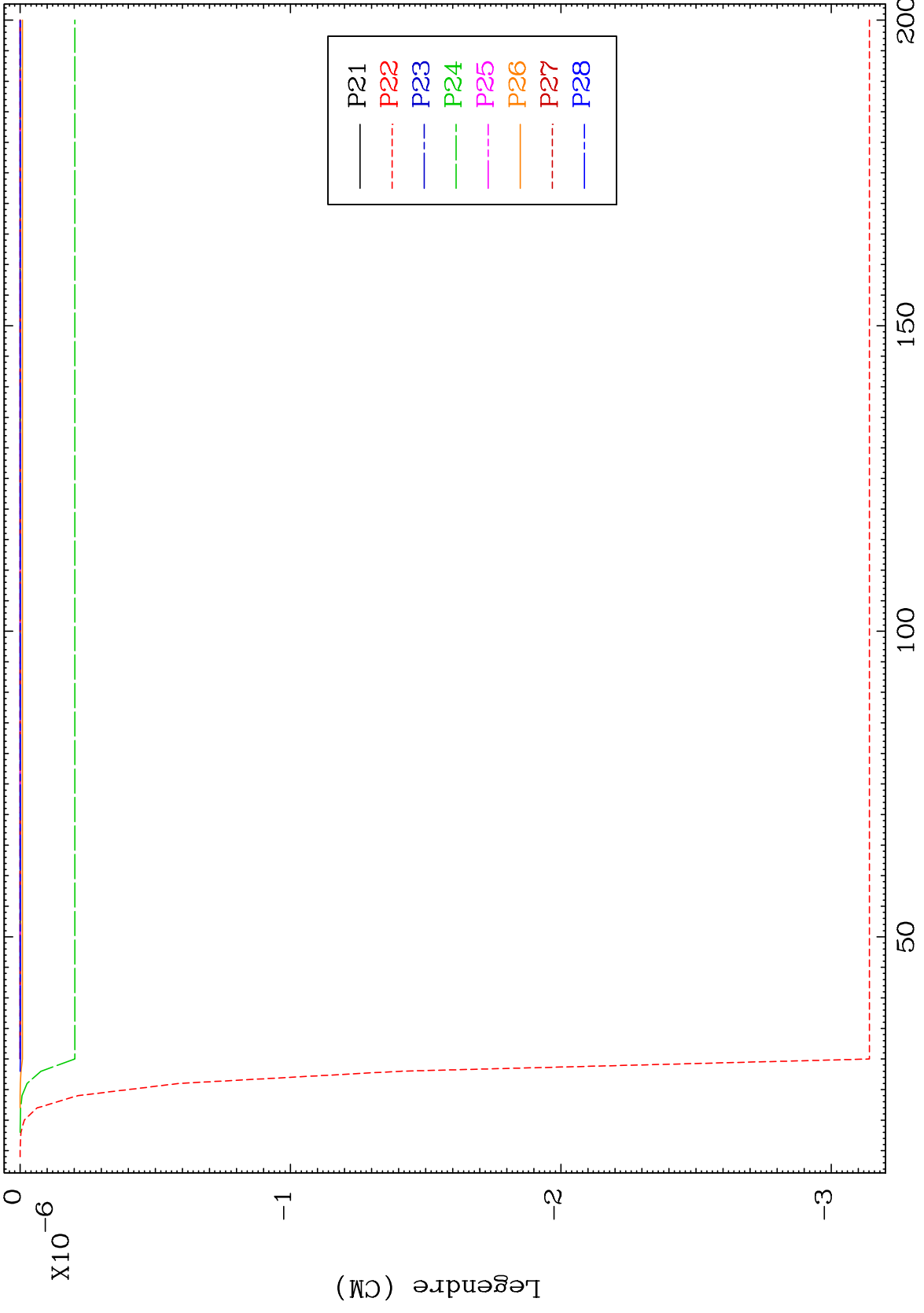
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

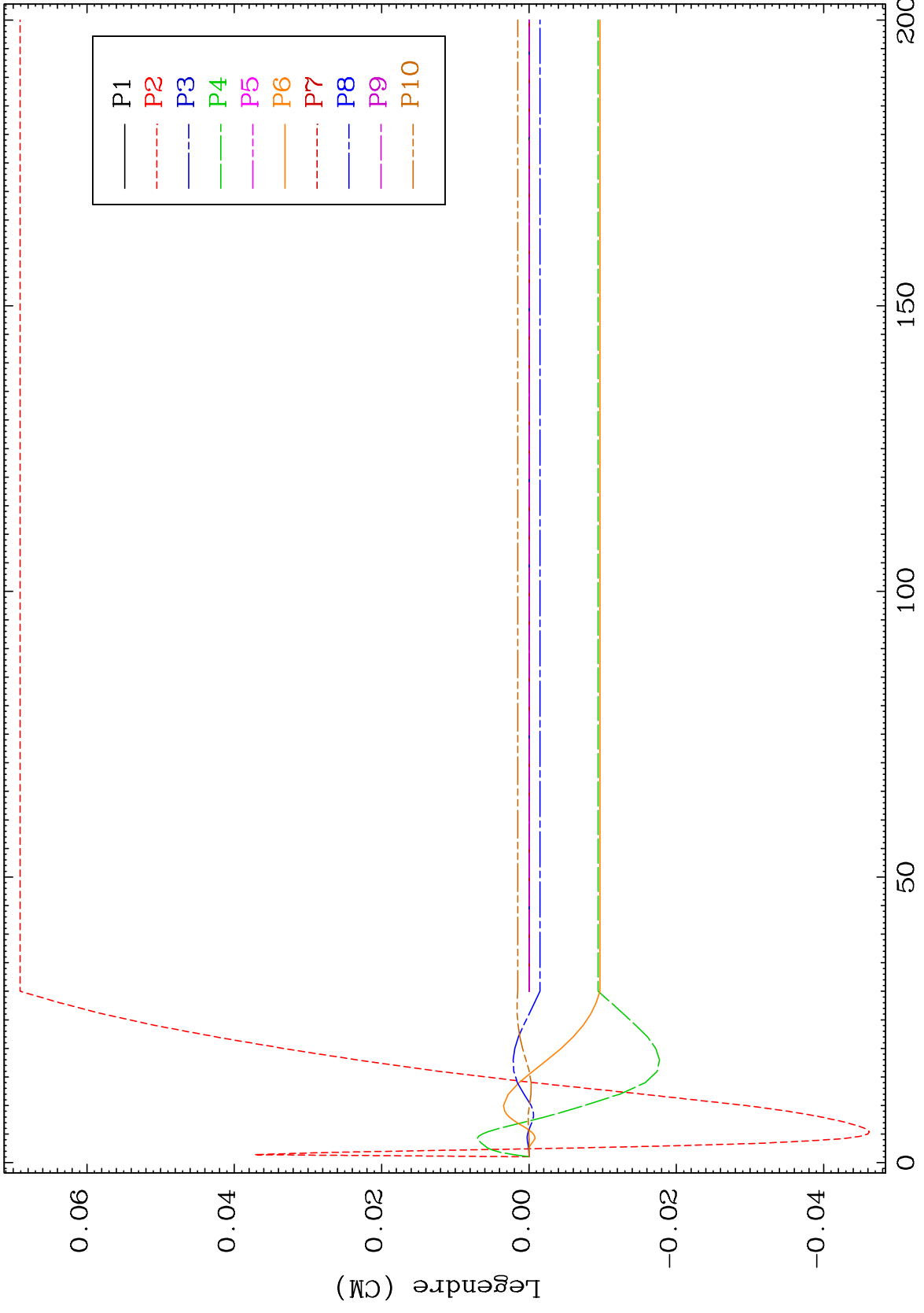
Incident Energy (MeV)

49

MAT 6649

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

66-Dy-164



50

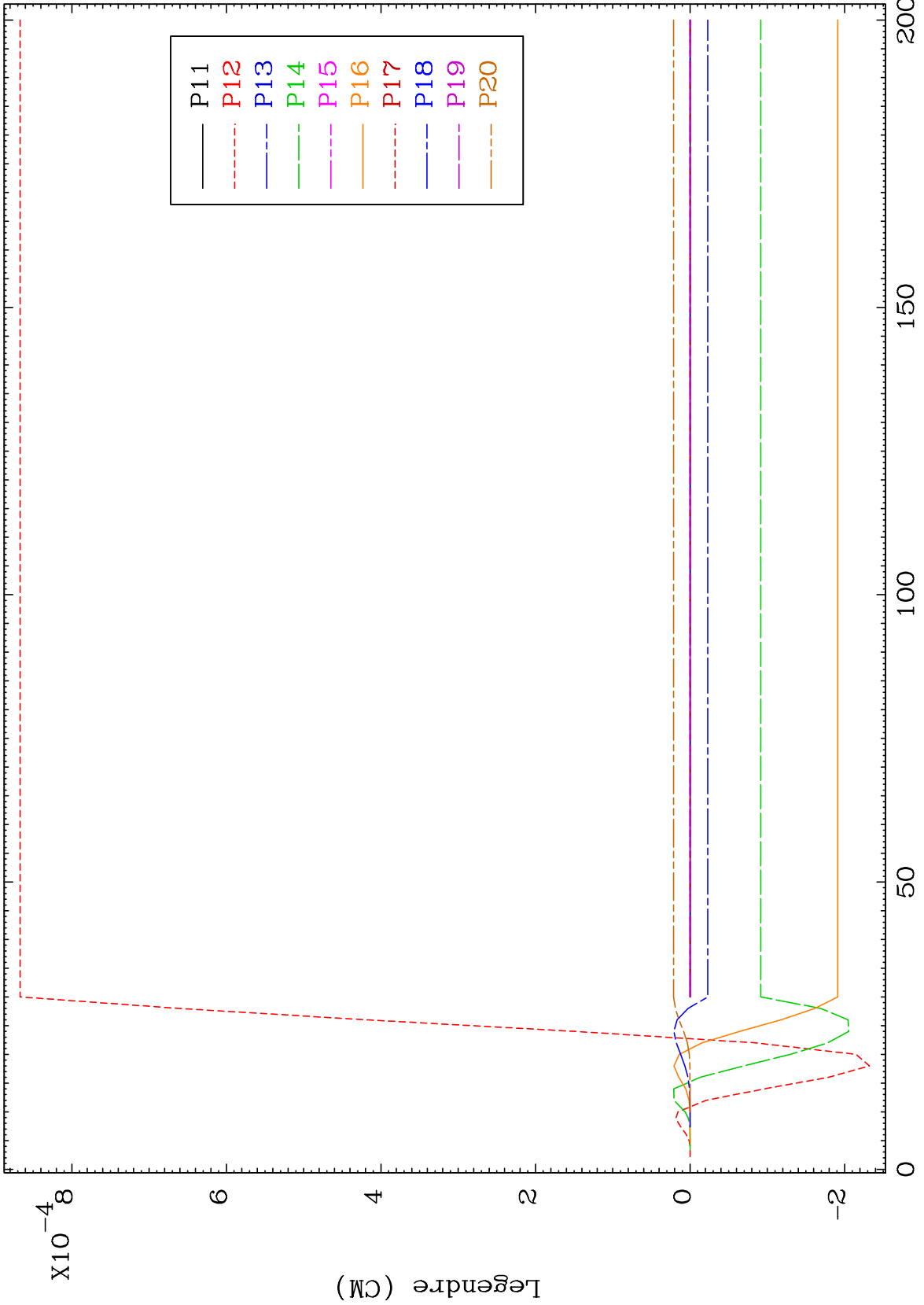
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164

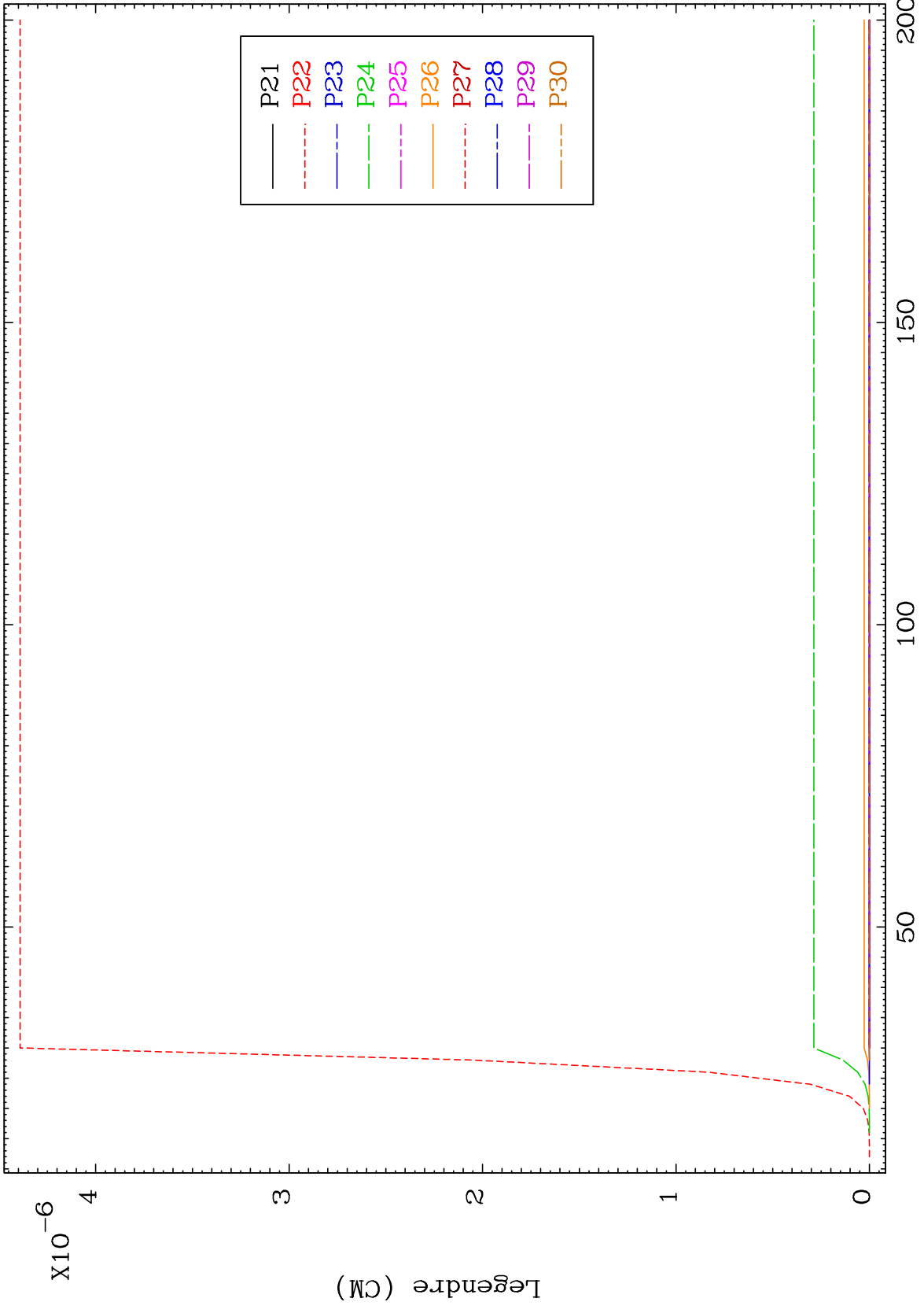


51

Incident Energy (MeV)

66-Dy-164

MAT 6649 MT= 59 (n,n') Level Legendre Coefficients 66-Dy-164

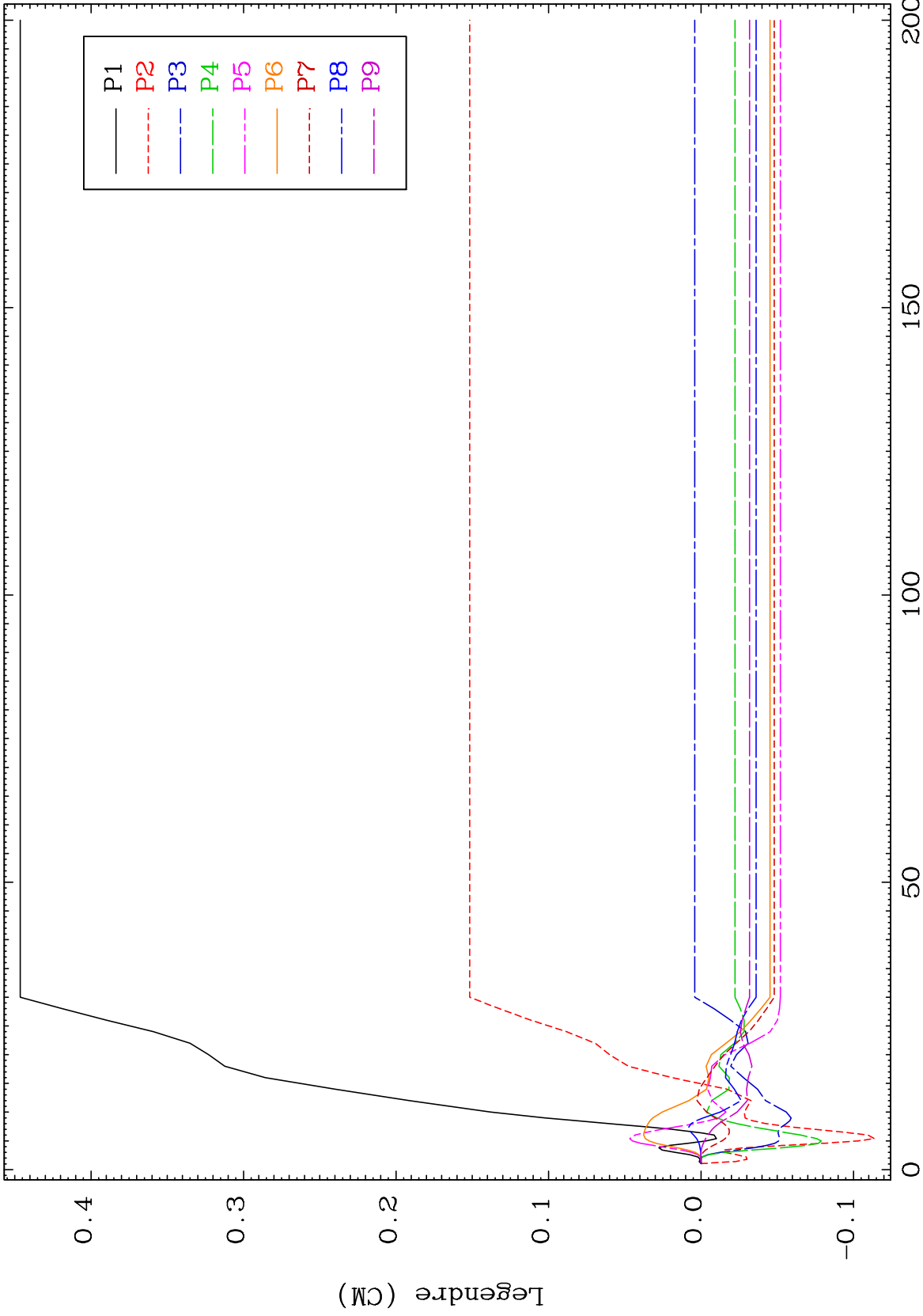


52 Incident Energy (MeV) 66-Dy-164

MAT 6649

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

66-Dy-164



53

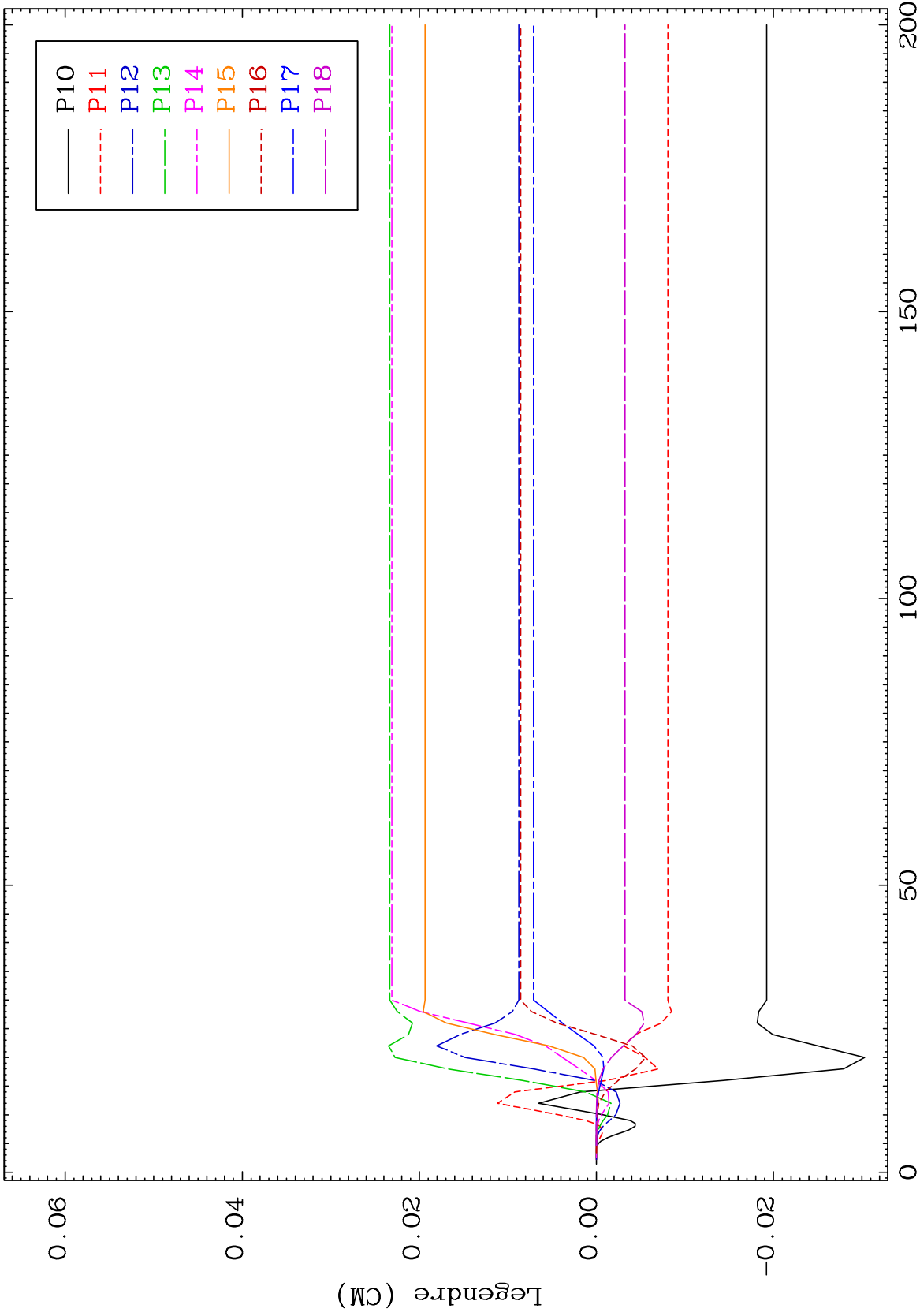
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



54

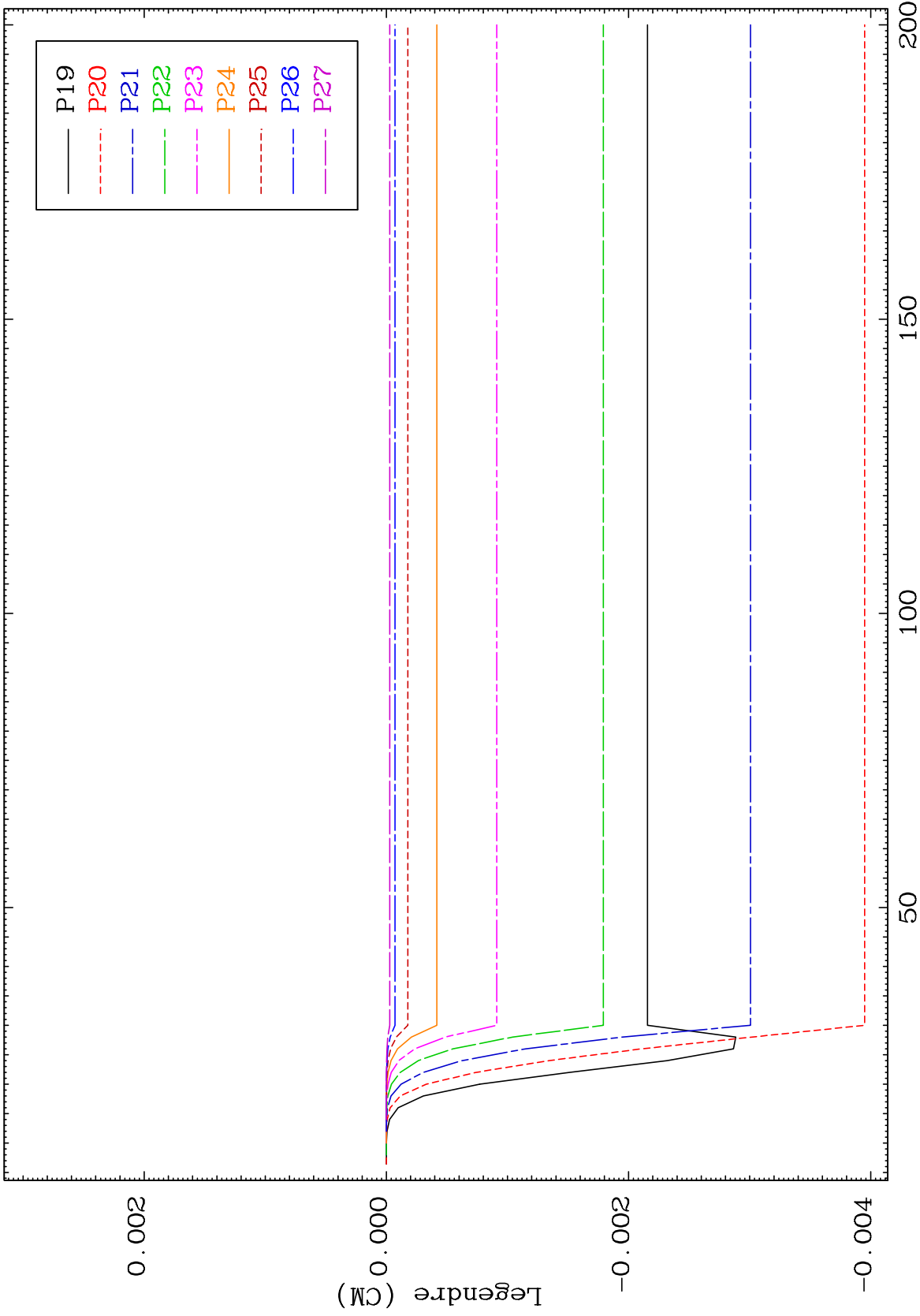
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



55

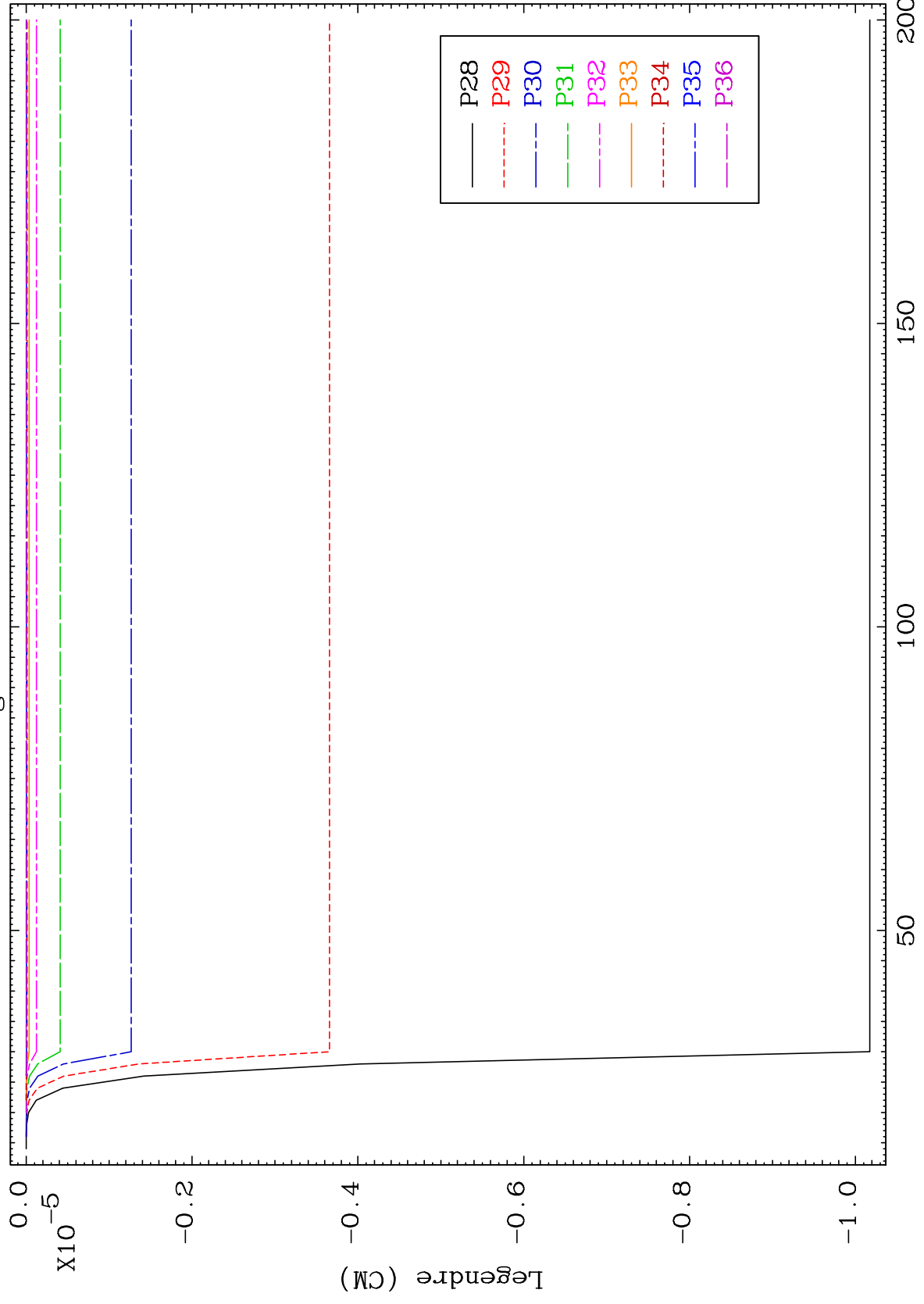
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

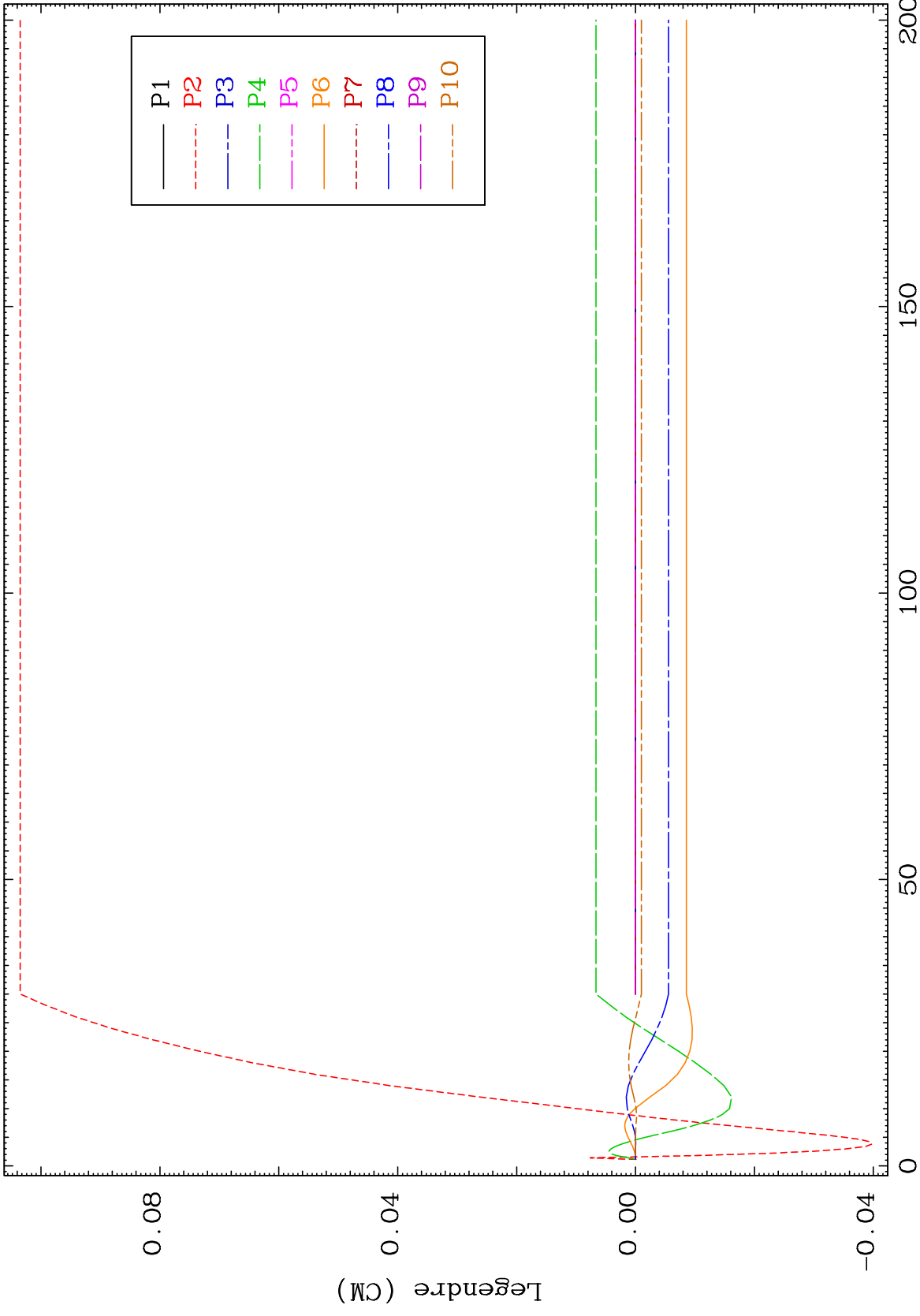
Incident Energy (MeV)

56

MAT 6649

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

66-Dy-164



57

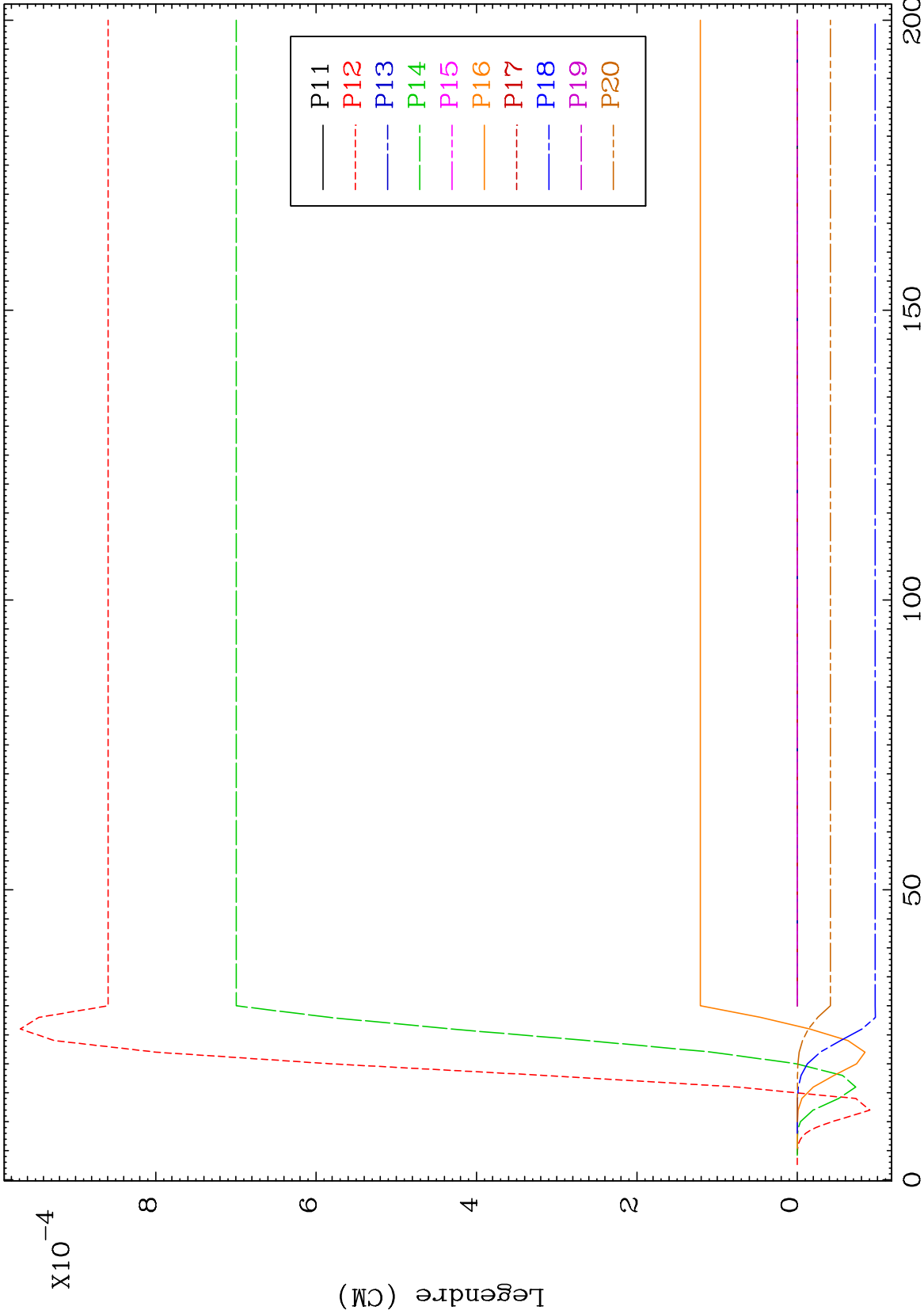
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



58

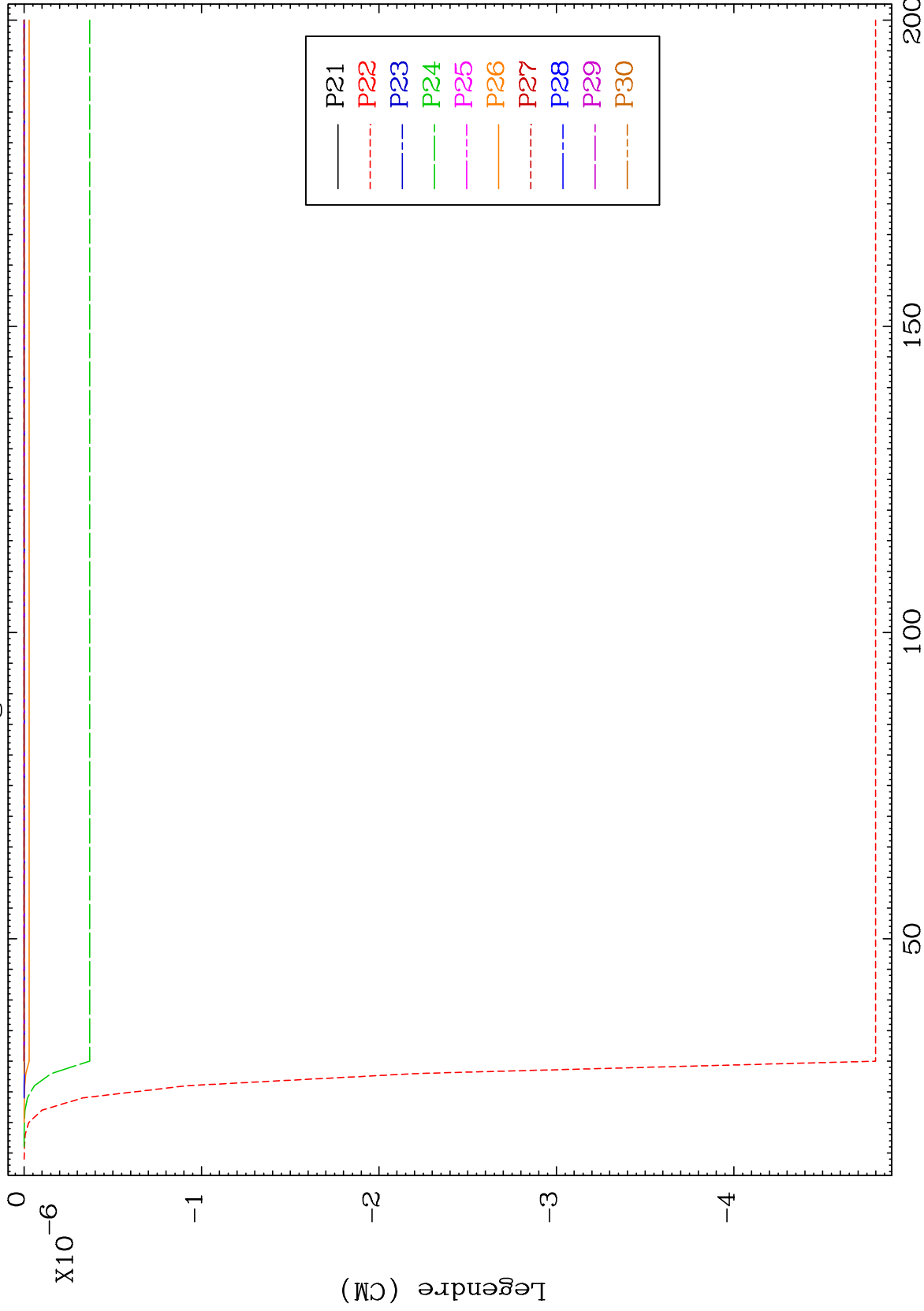
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



59

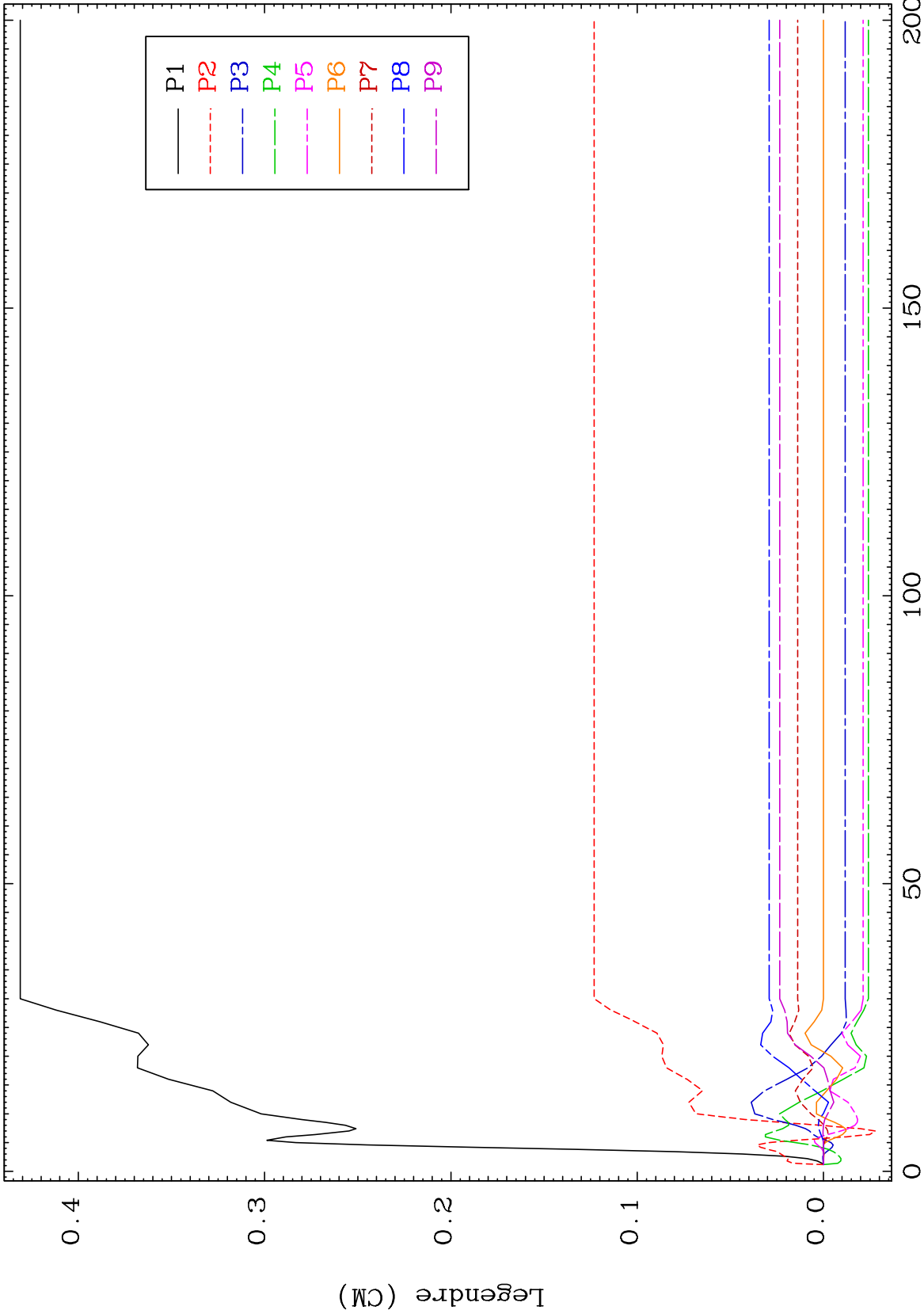
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



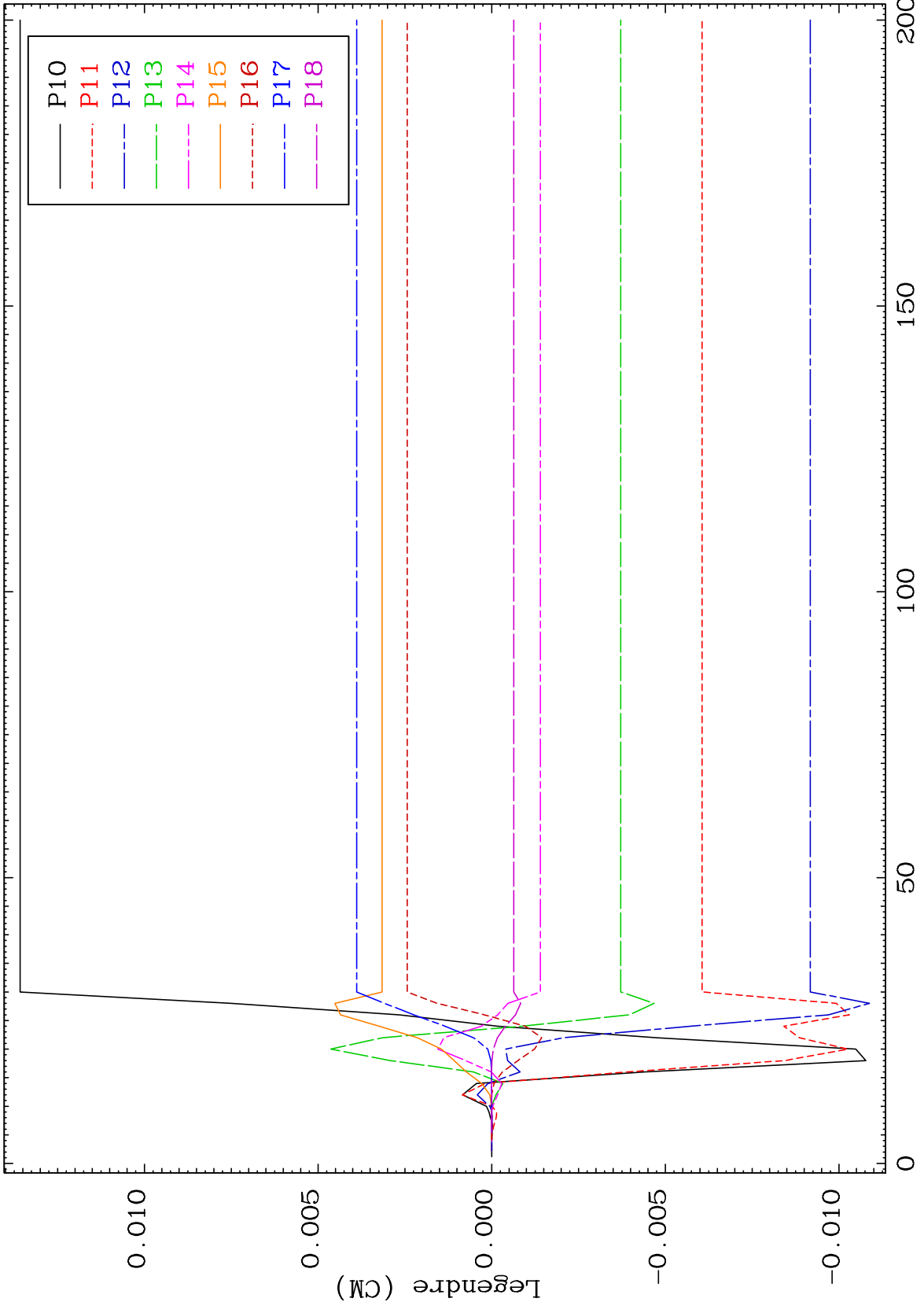
66-Dy-164

Incident Energy (MeV)

MAT 6649

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

66-Dy-164



61

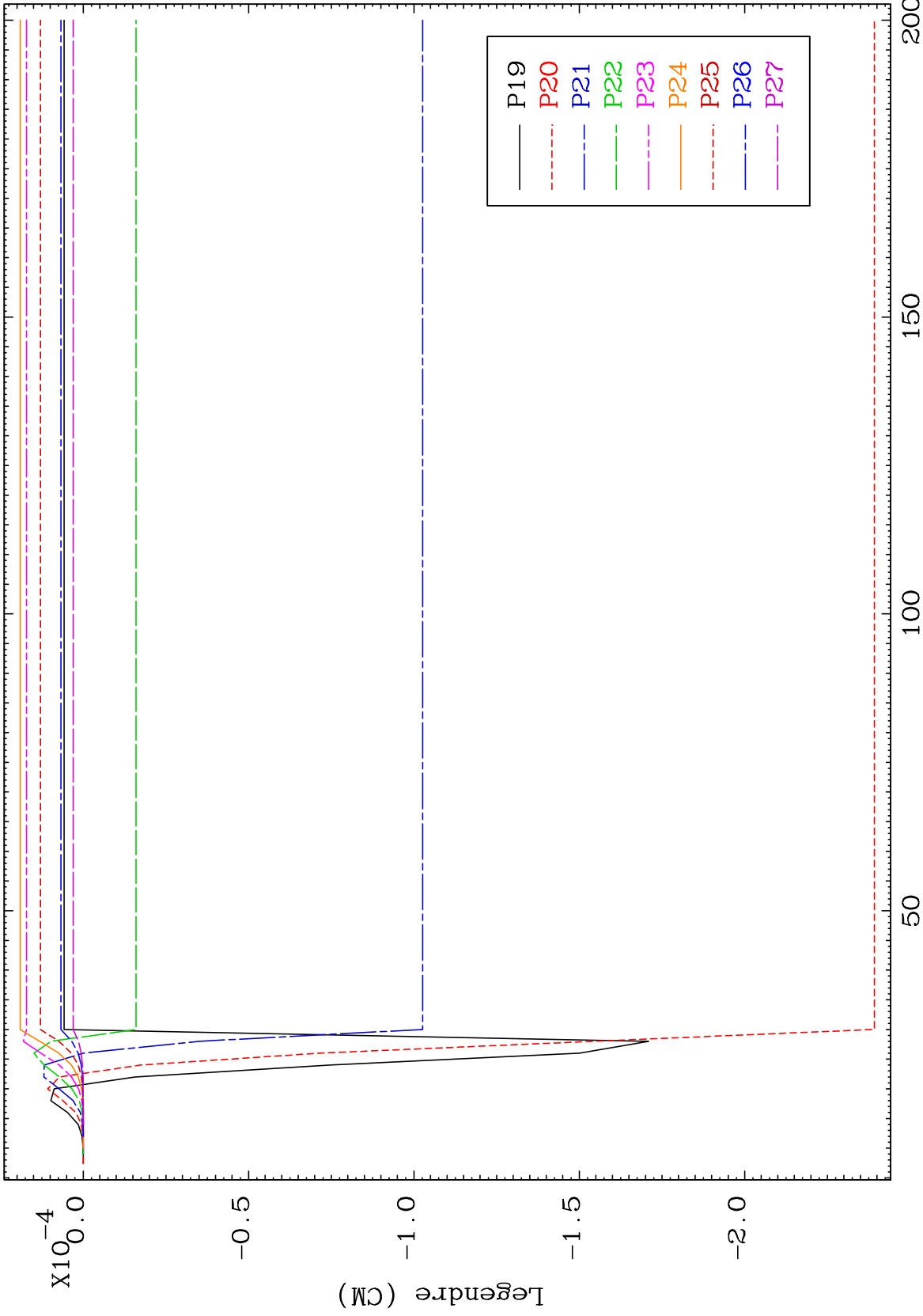
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



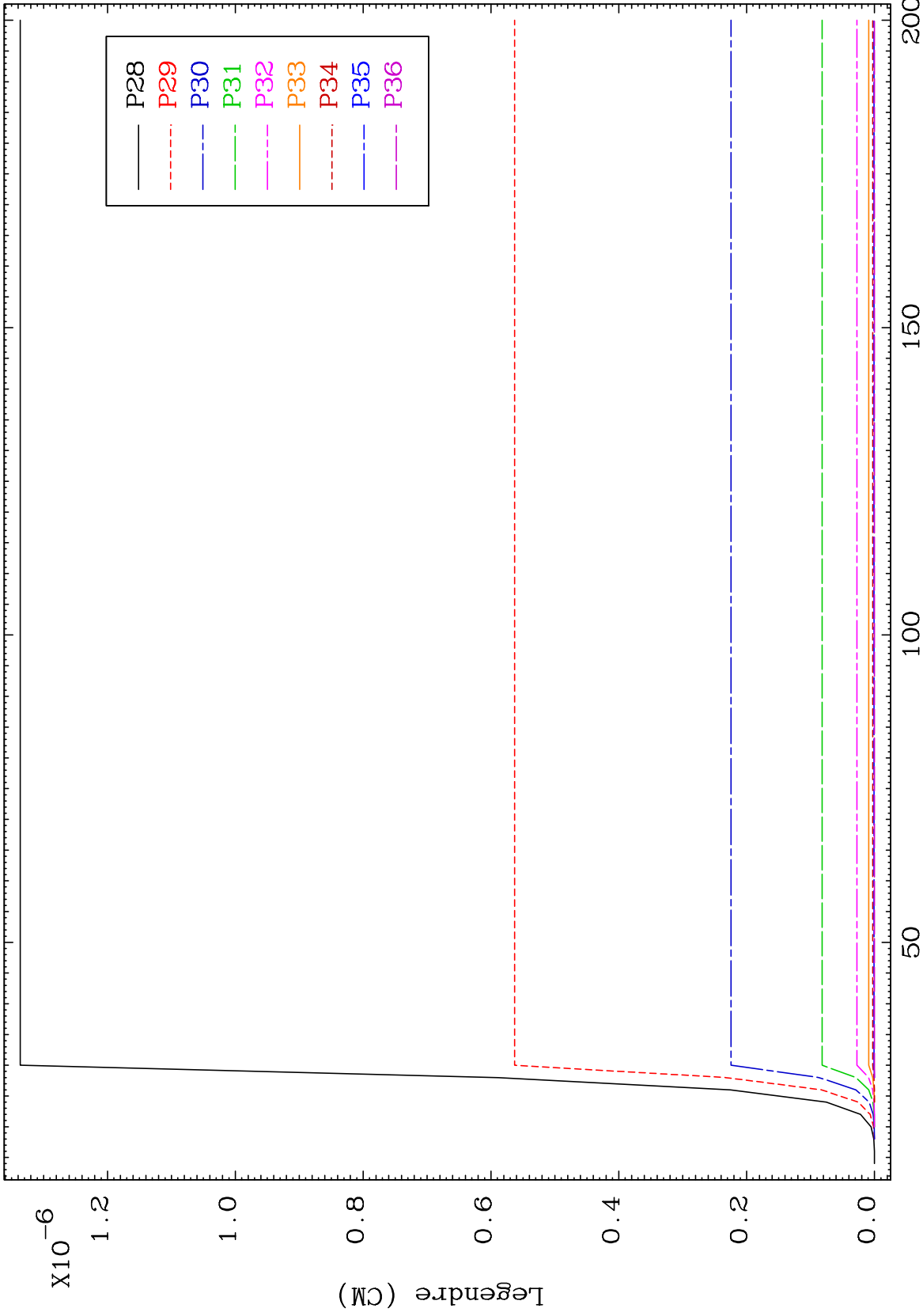
62

66-Dy-164

MAT 6649

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

66-Dy-164



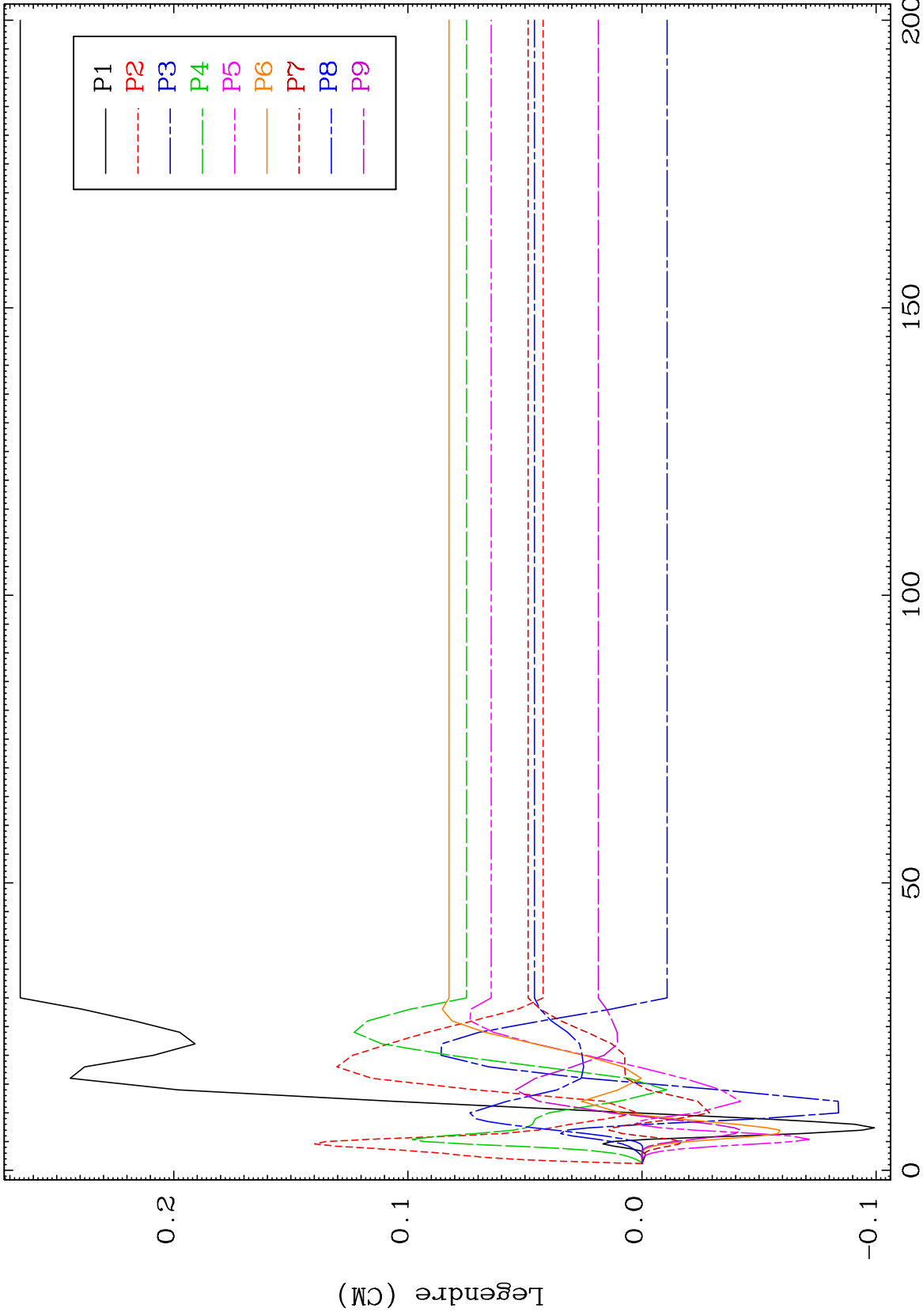
63

66-Dy-164

MAT 6649

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

66-Dy-164



64

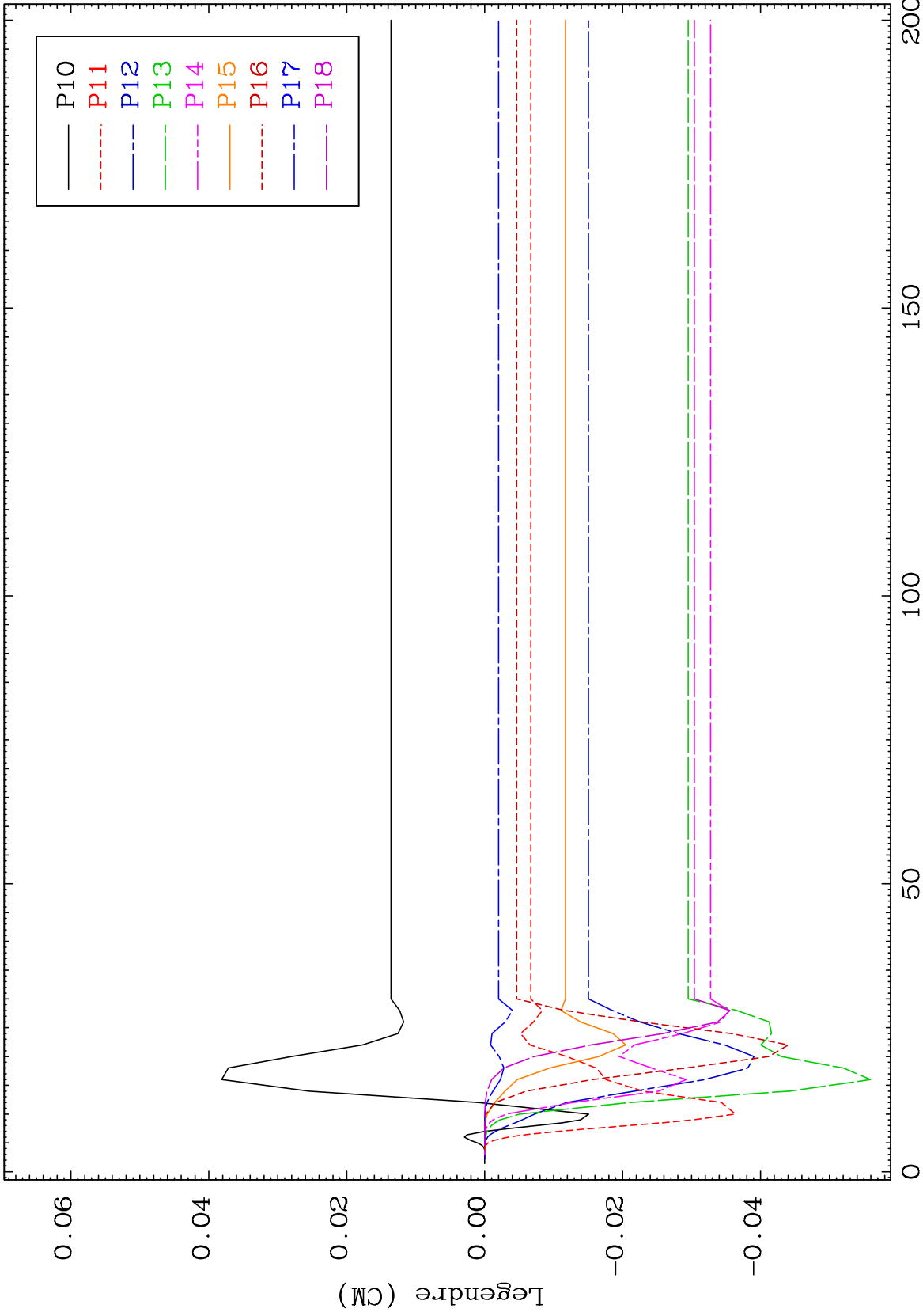
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



65

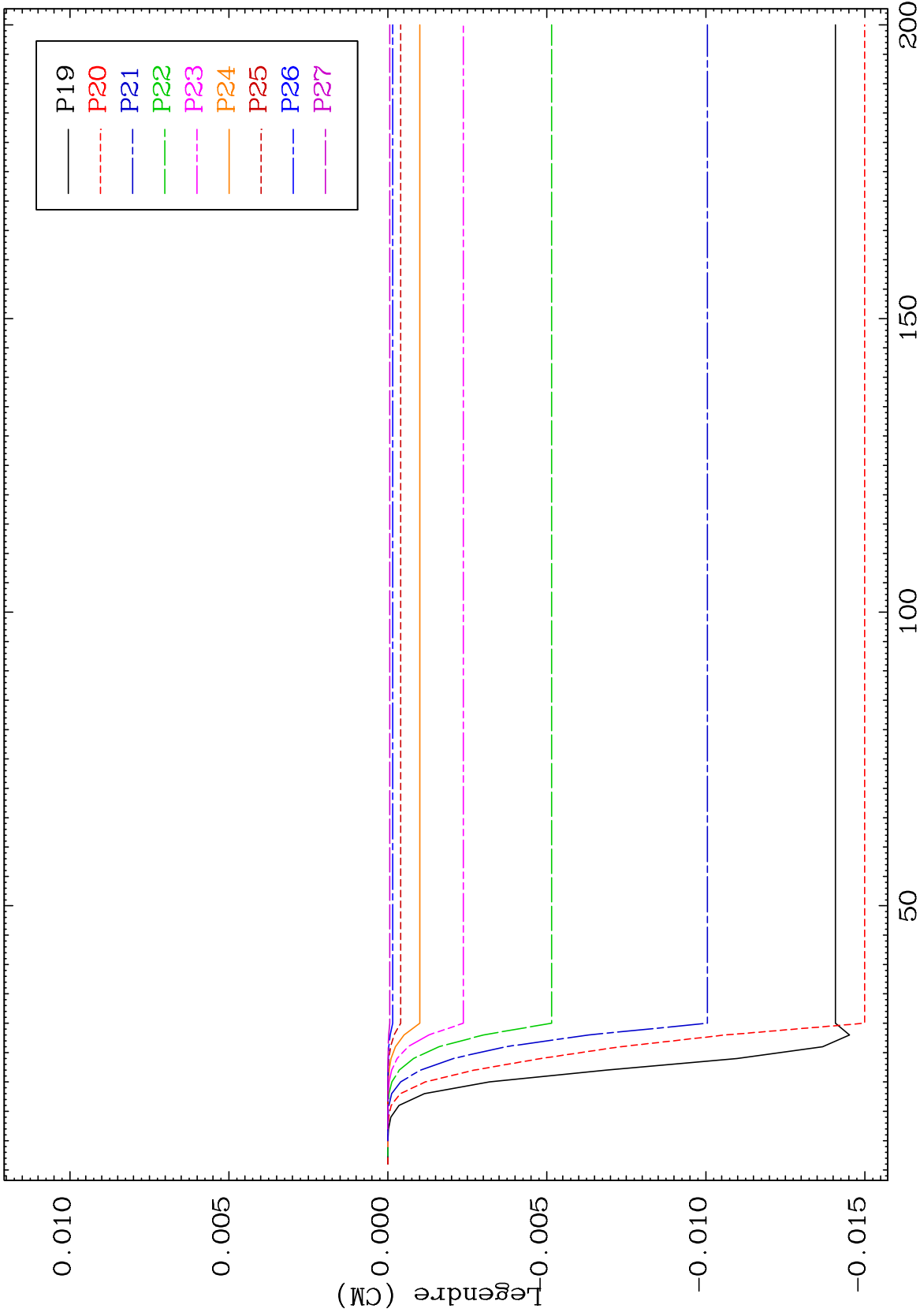
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



66

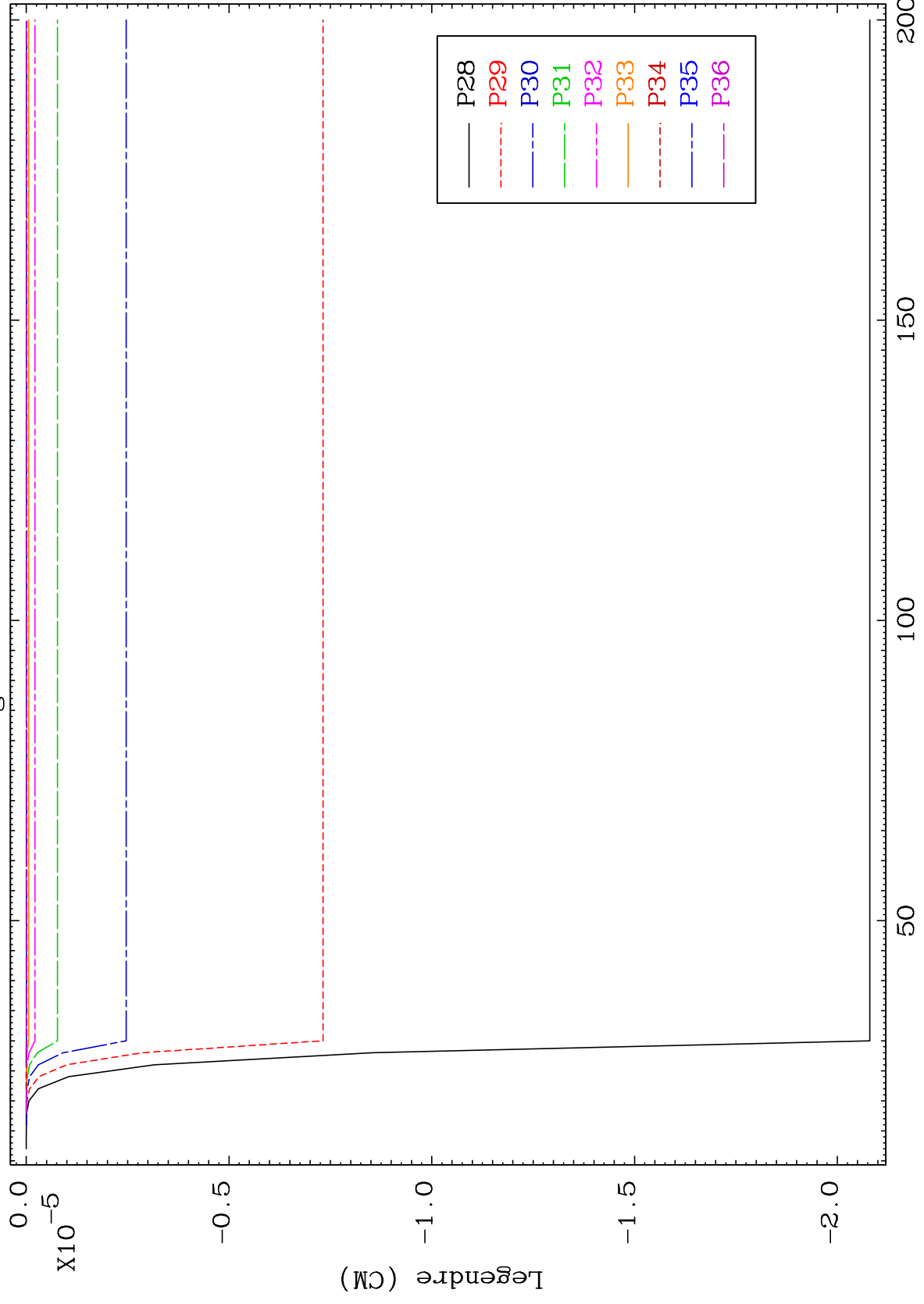
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

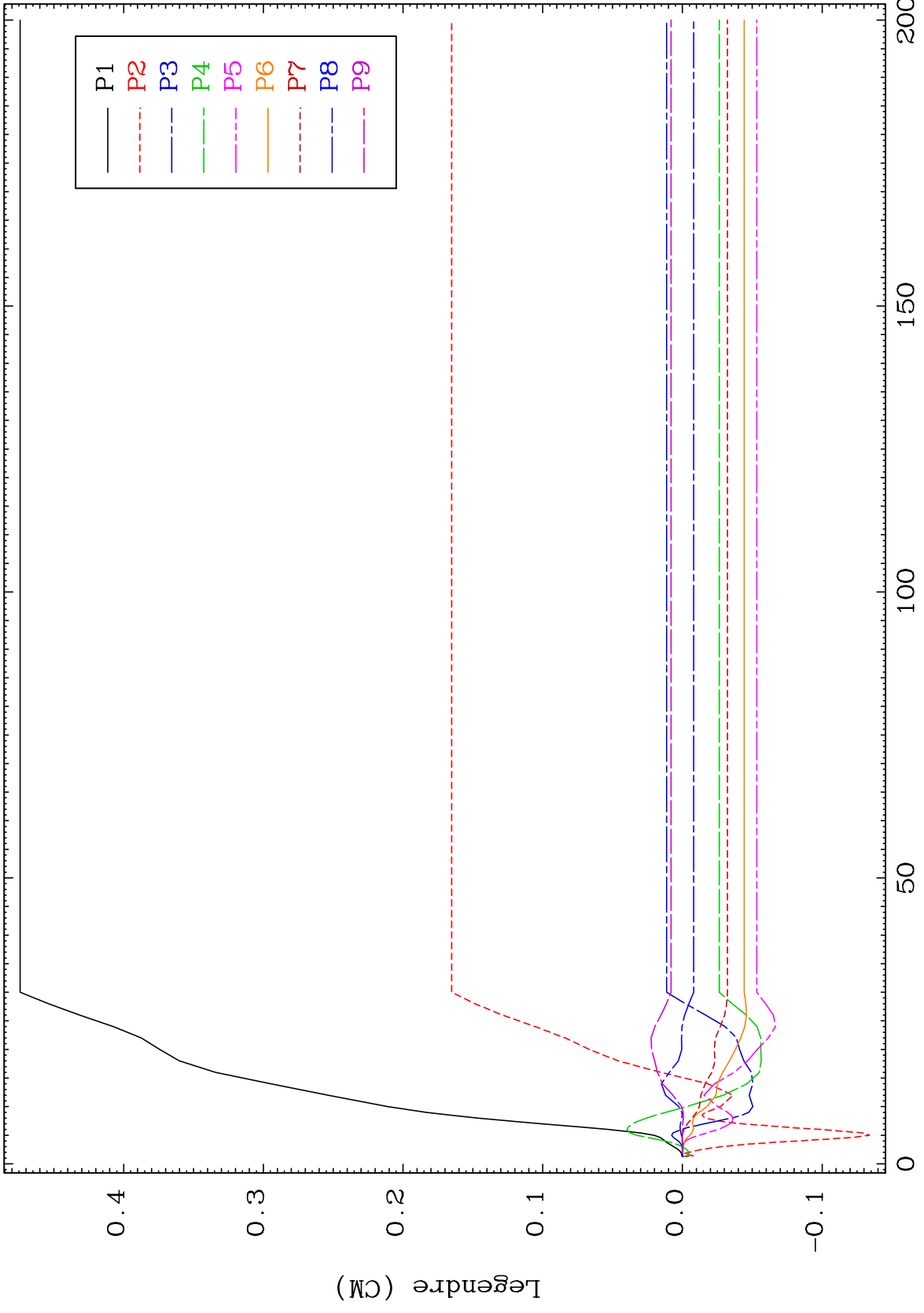
Incident Energy (MeV)

67

MAT 6649

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

66-Dy-164



68

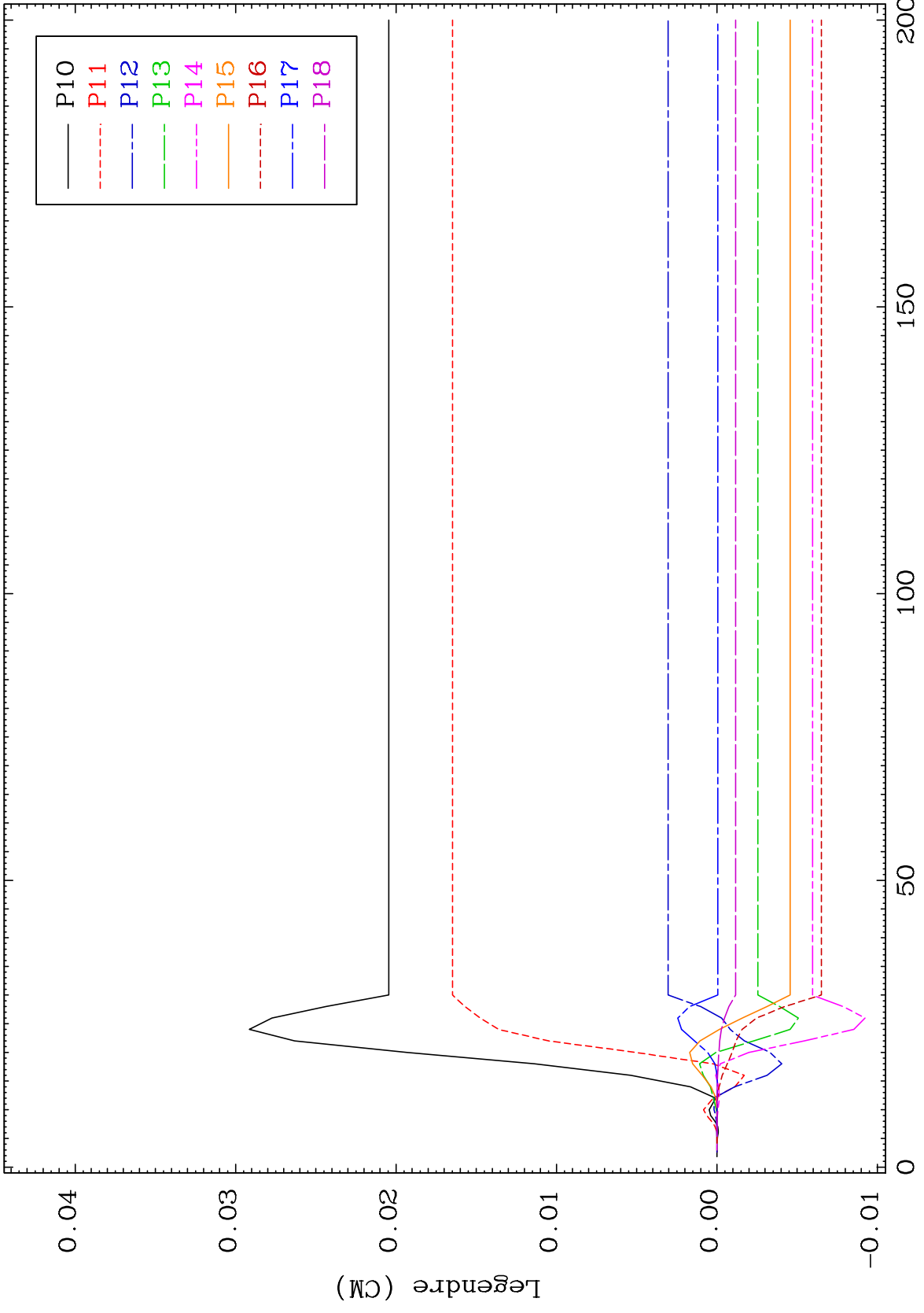
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



69

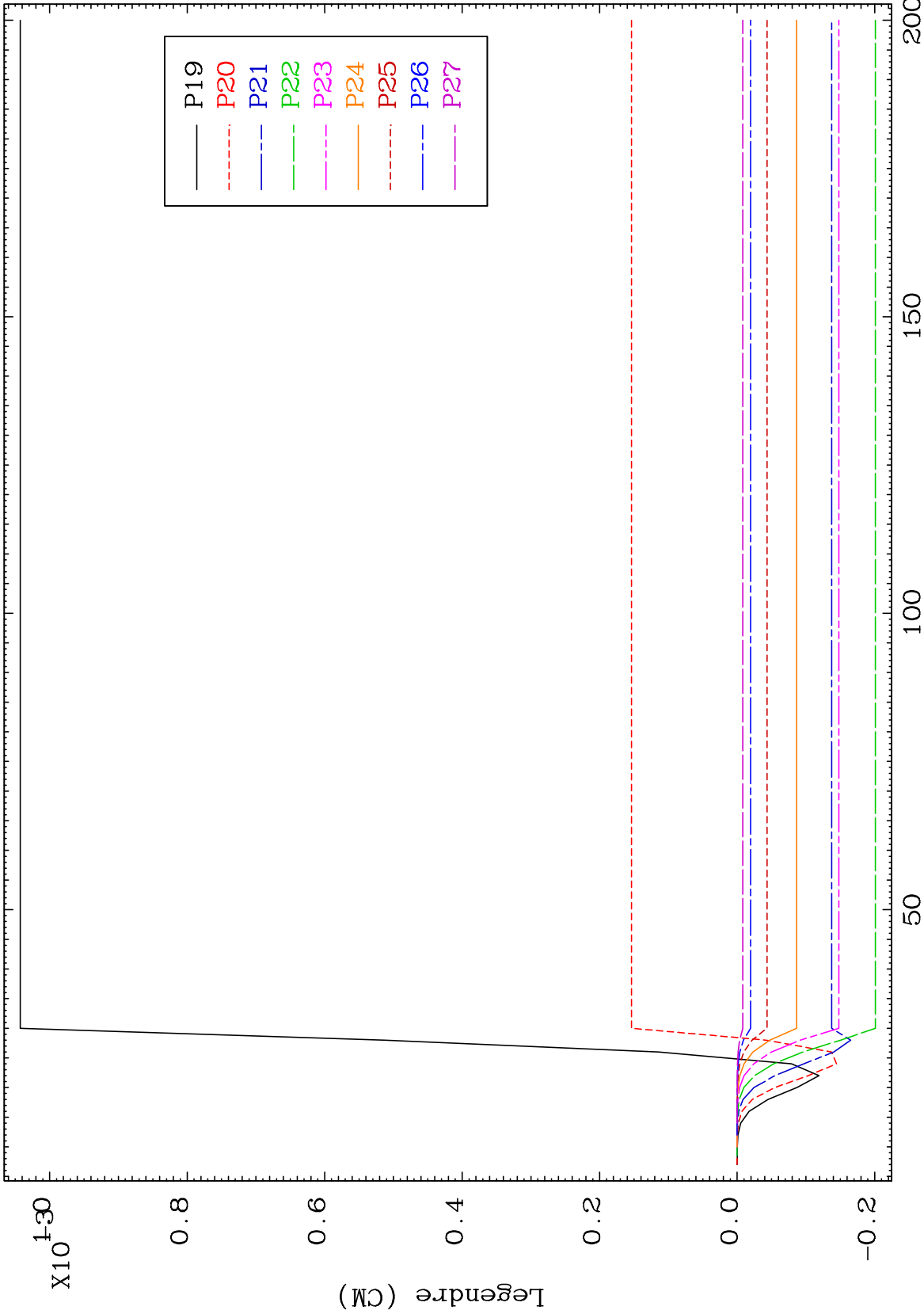
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



70

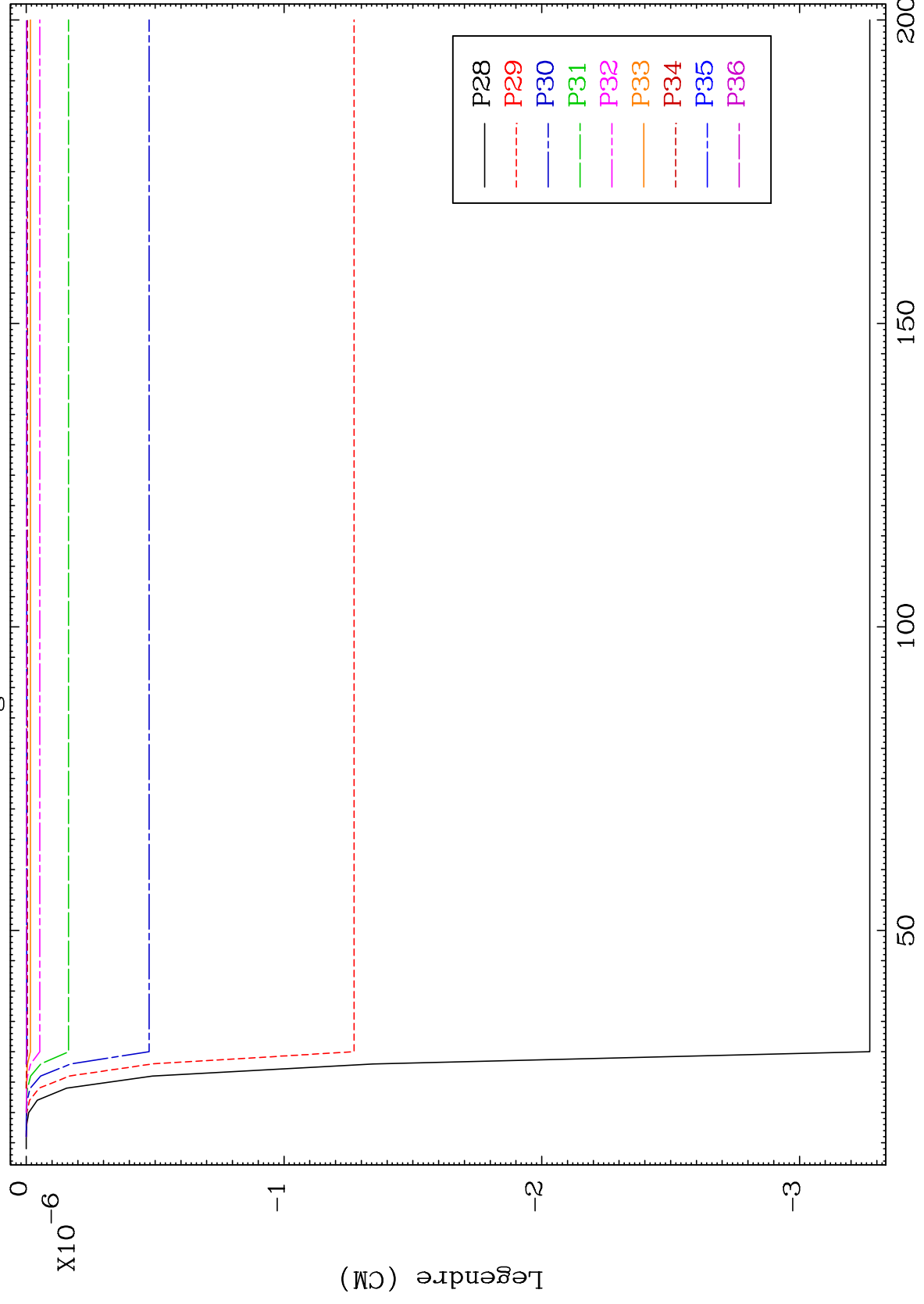
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

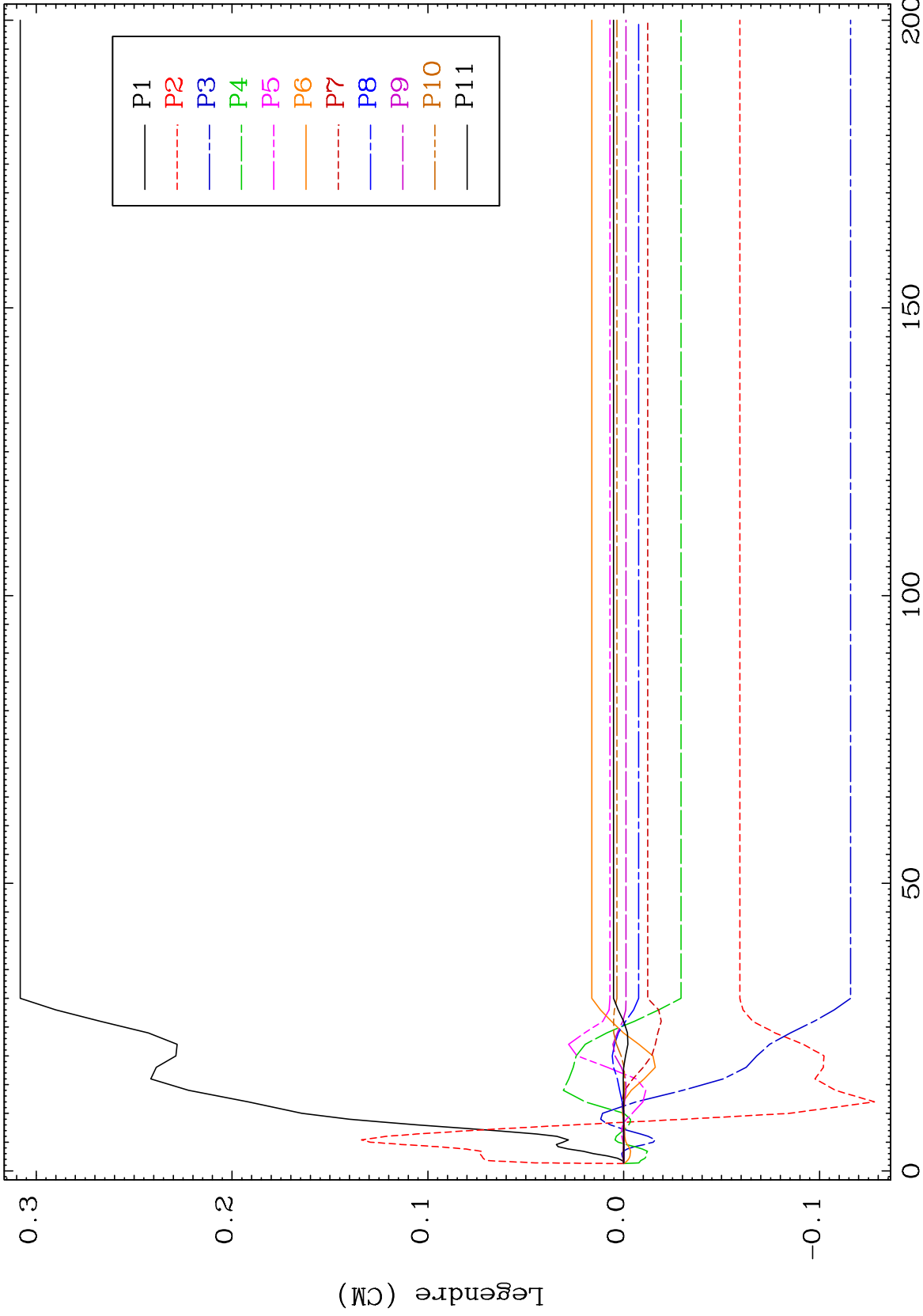
Incident Energy (MeV)

71

MAT 6649

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

66-Dy-164



72

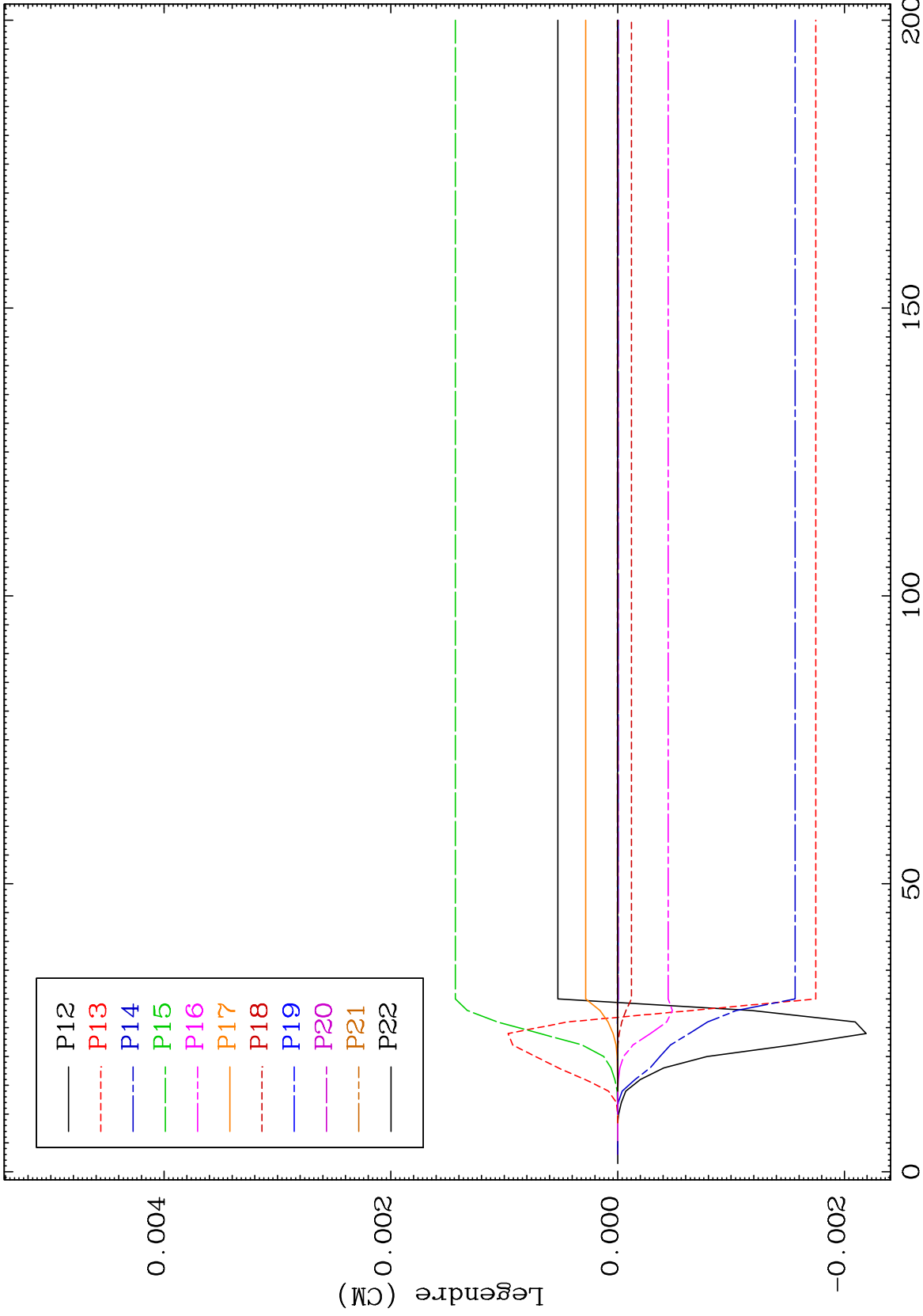
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

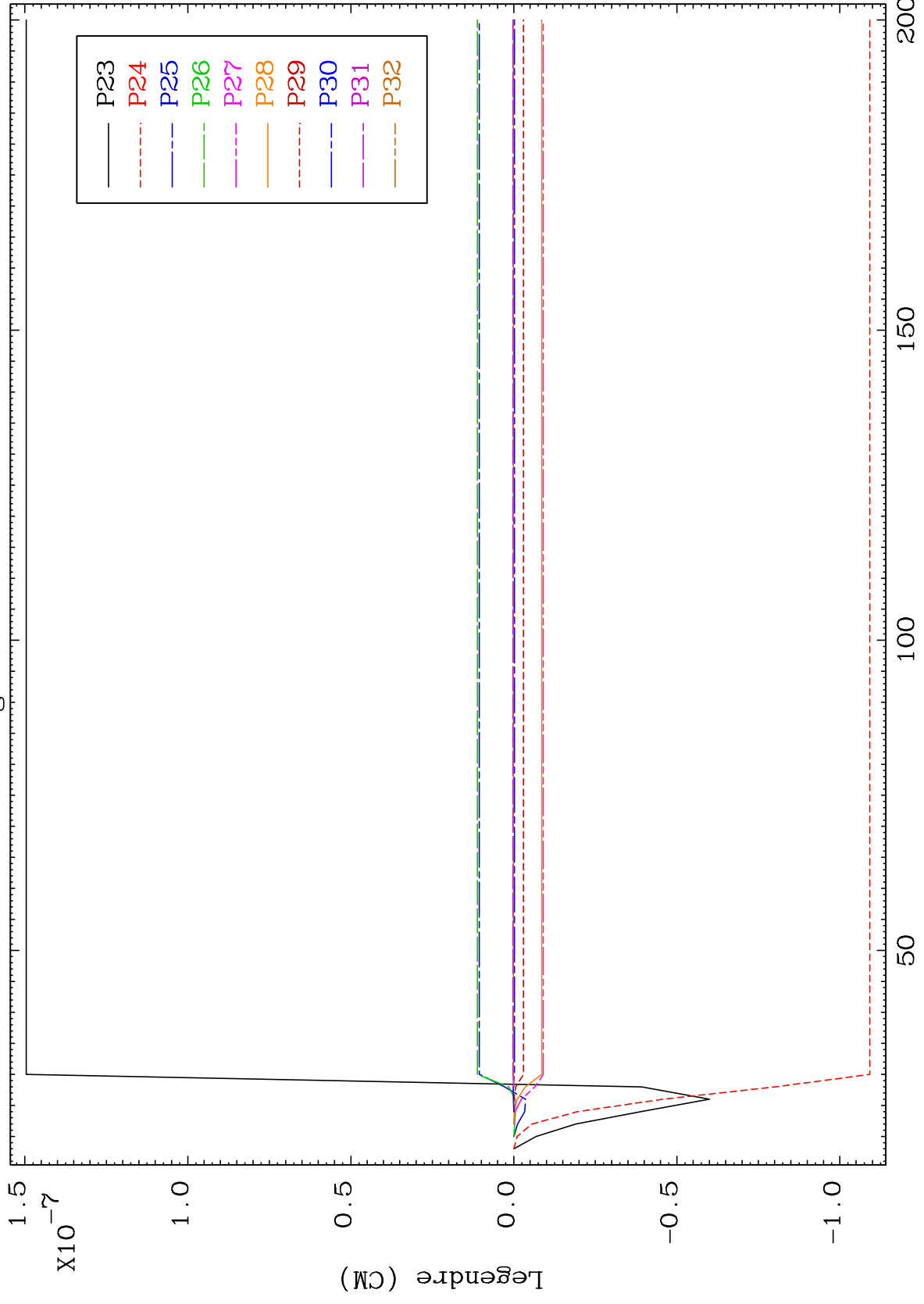
66-Dy-164



MAT 6649

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

66-Dy-164



74

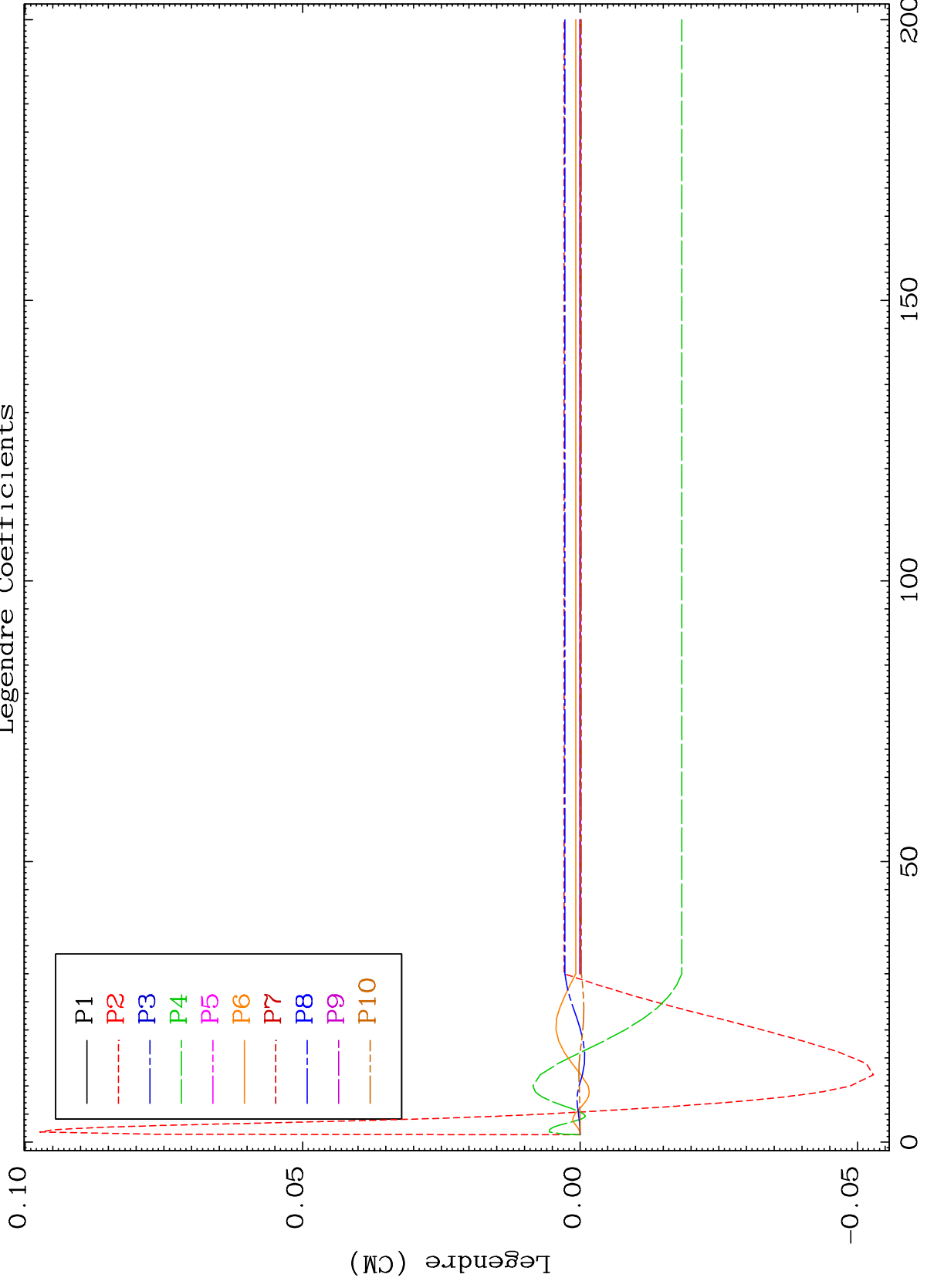
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

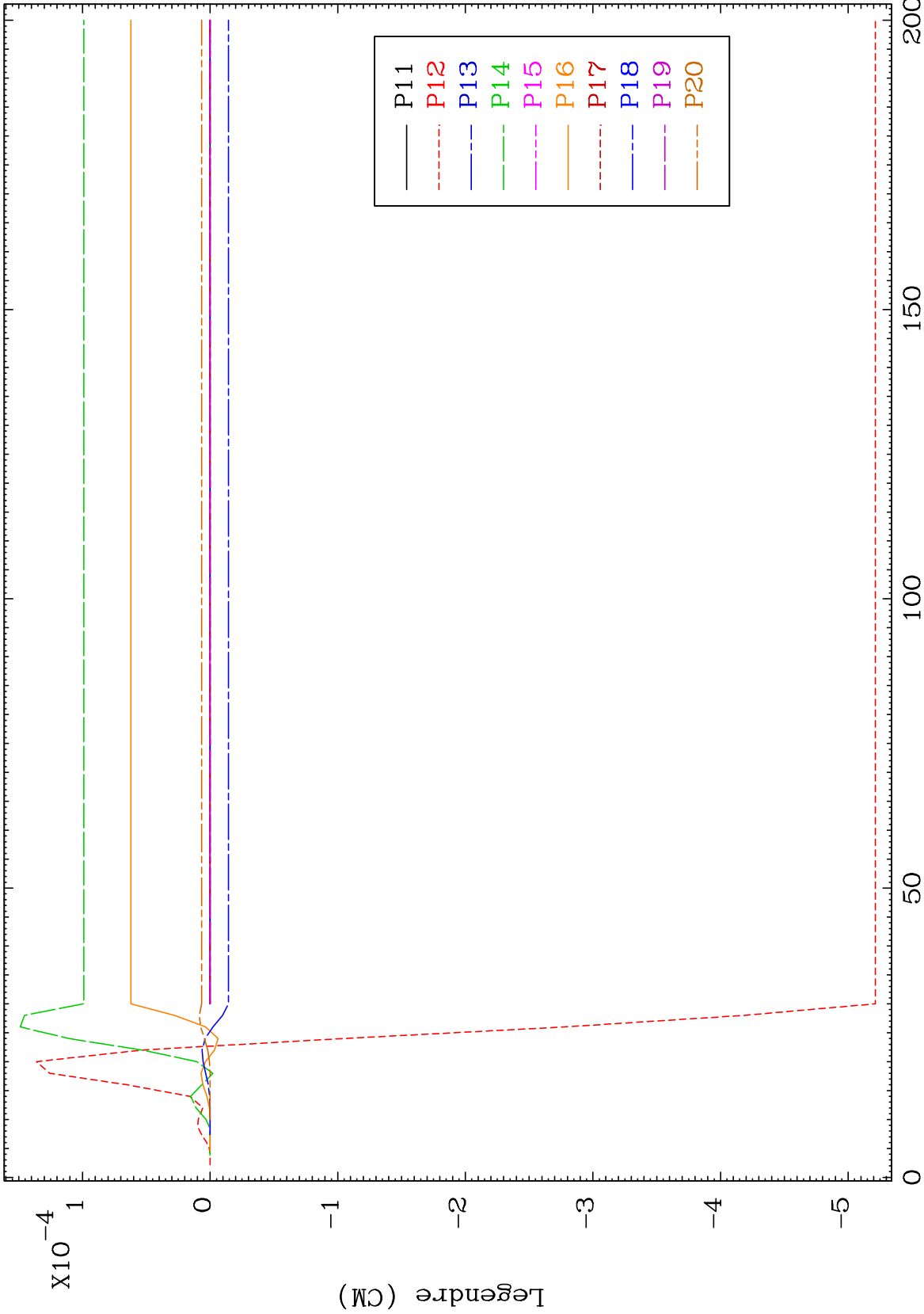
Incident Energy (MeV)

75

MAT 6649

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

66-Dy-164



76

Incident Energy (MeV)

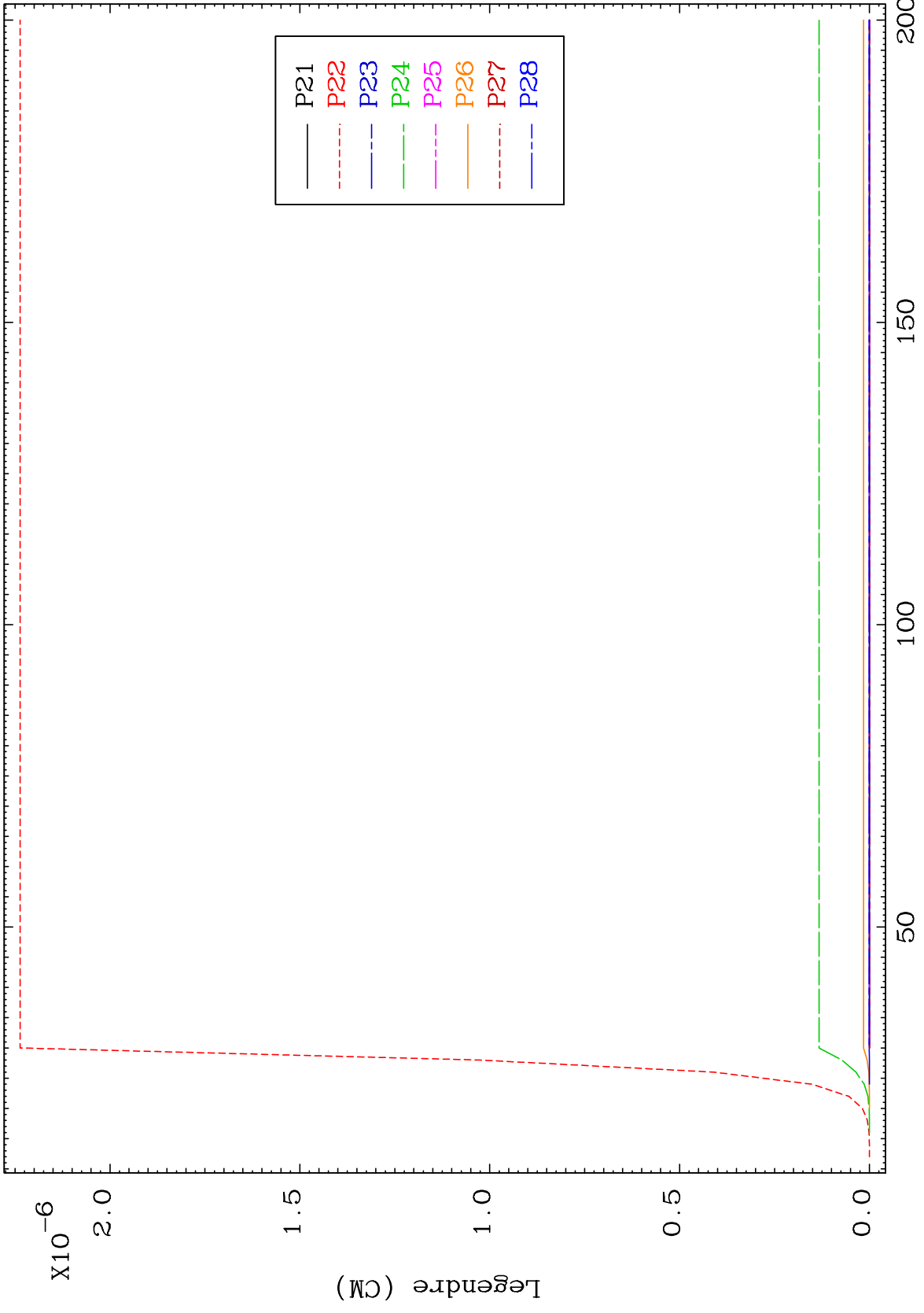
66-Dy-164

MAT 6649

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

66-Dy-164

66-Dy-164

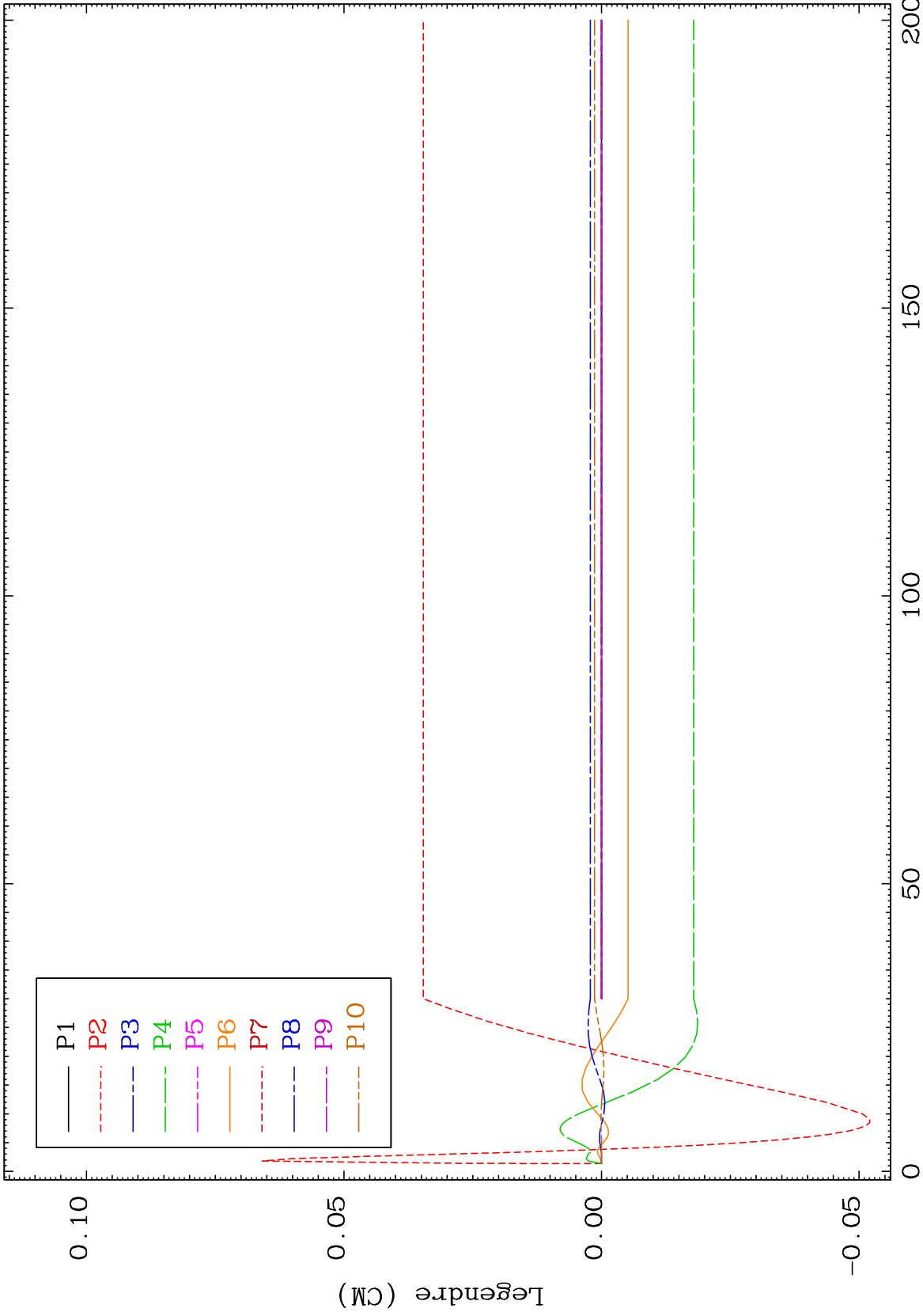


77

MAT 6649

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

66-Dy-164



78

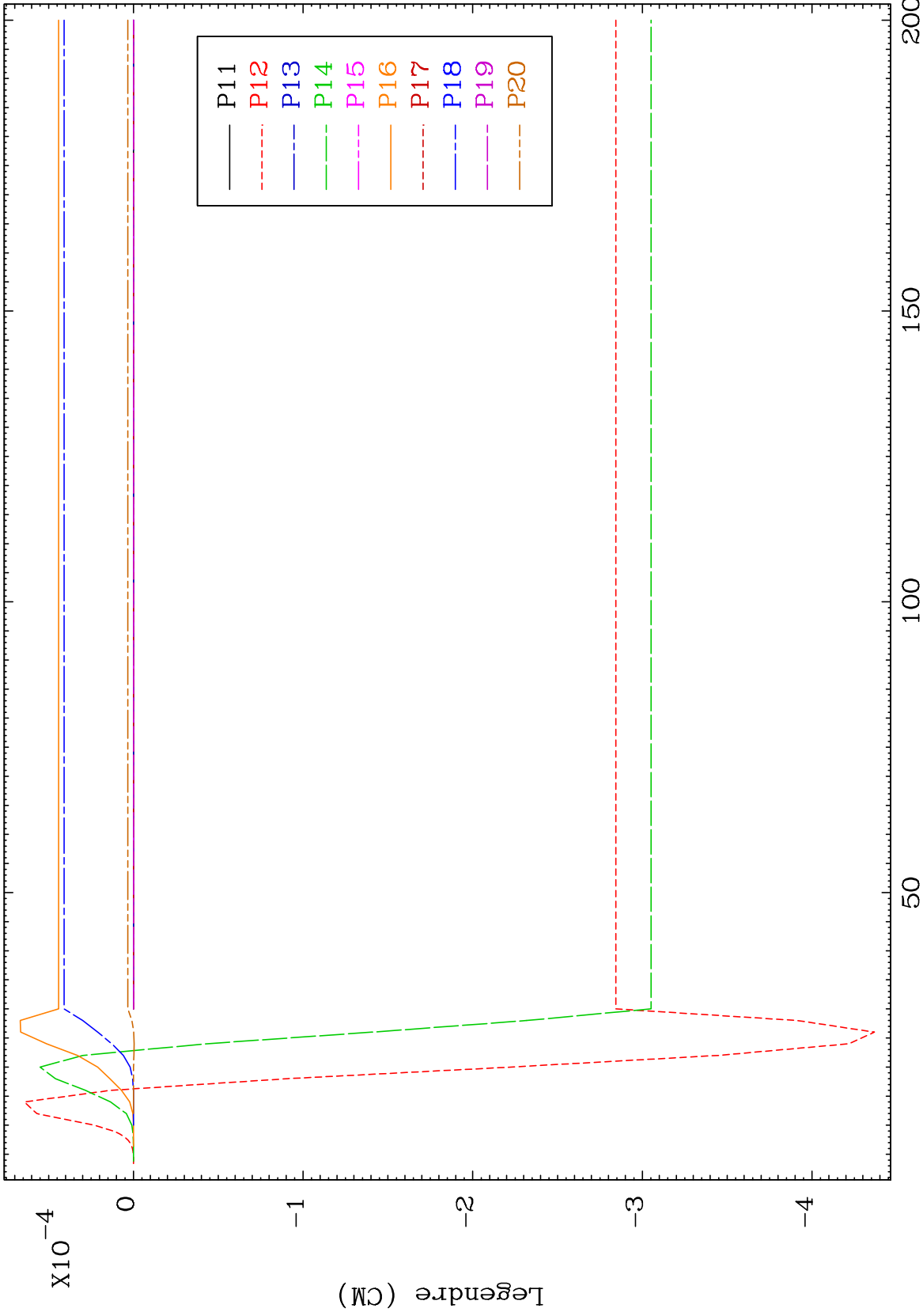
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164

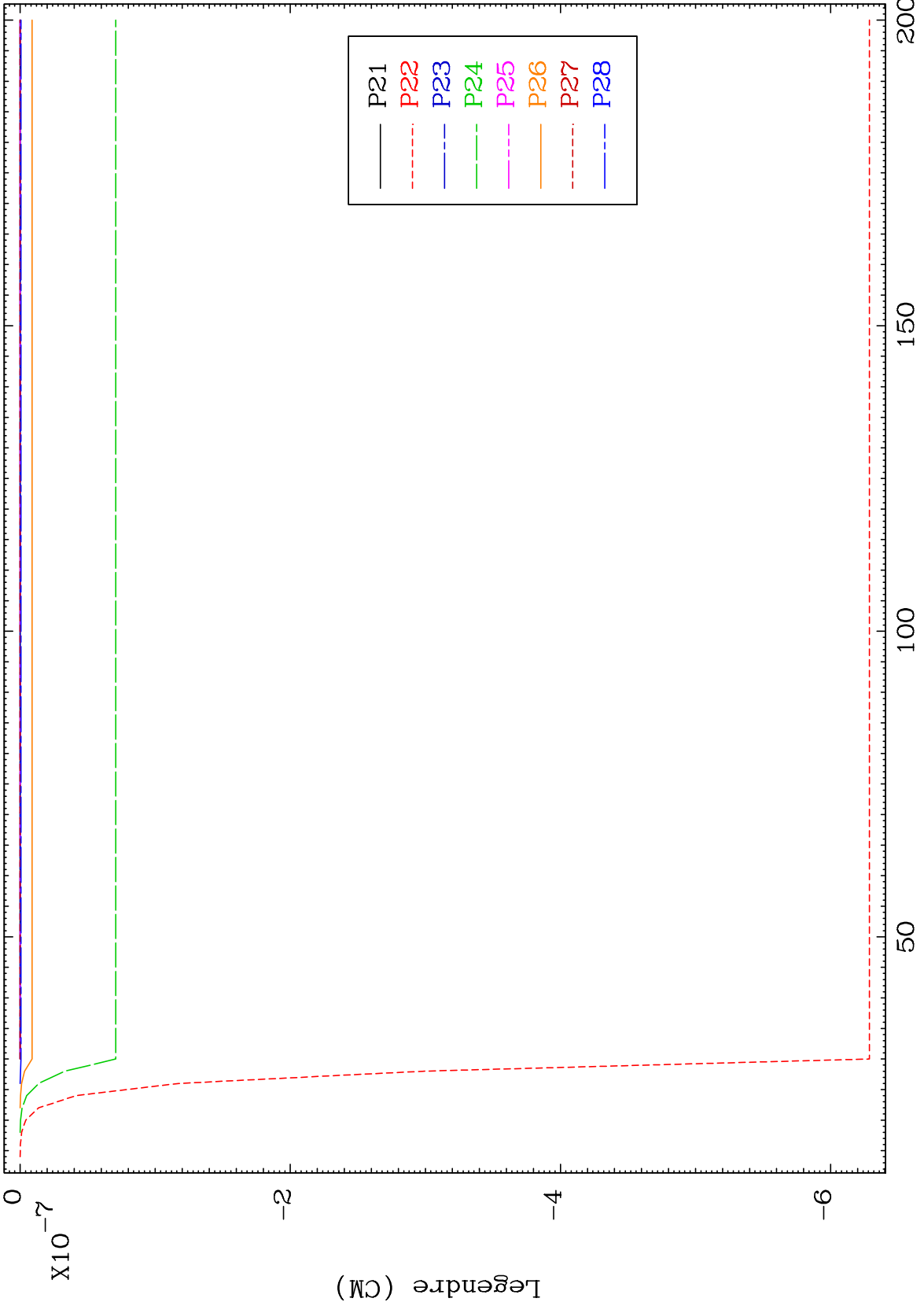


79

66-Dy-164

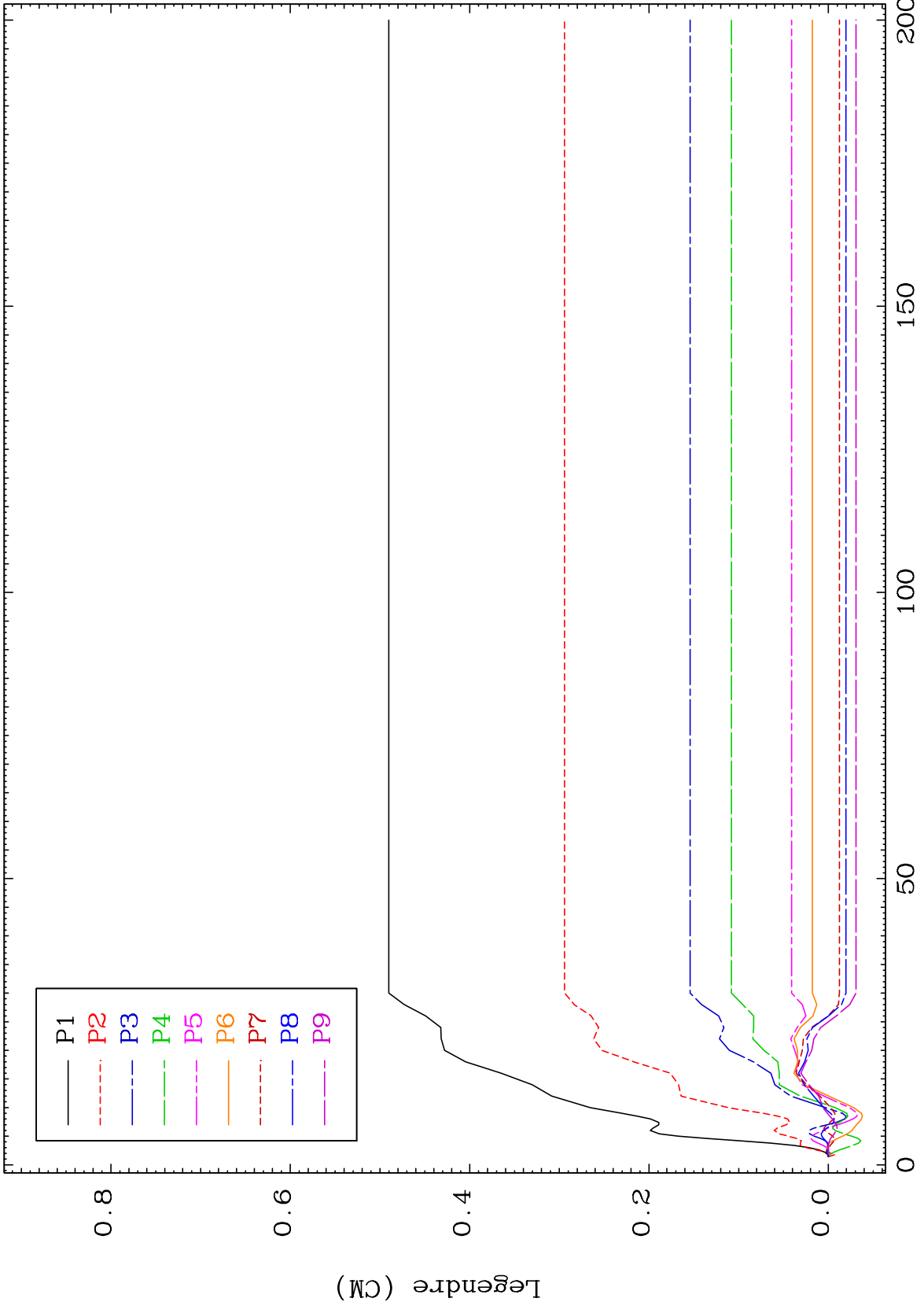
MAT 6649 MT= 67 (n,n') Level 66-Dy-164

Legendre Coefficients



80 150 200 66-Dy-164

MAT 6649 MT= 68 (n,n') Level Legendre Coefficients 66-Dy-164

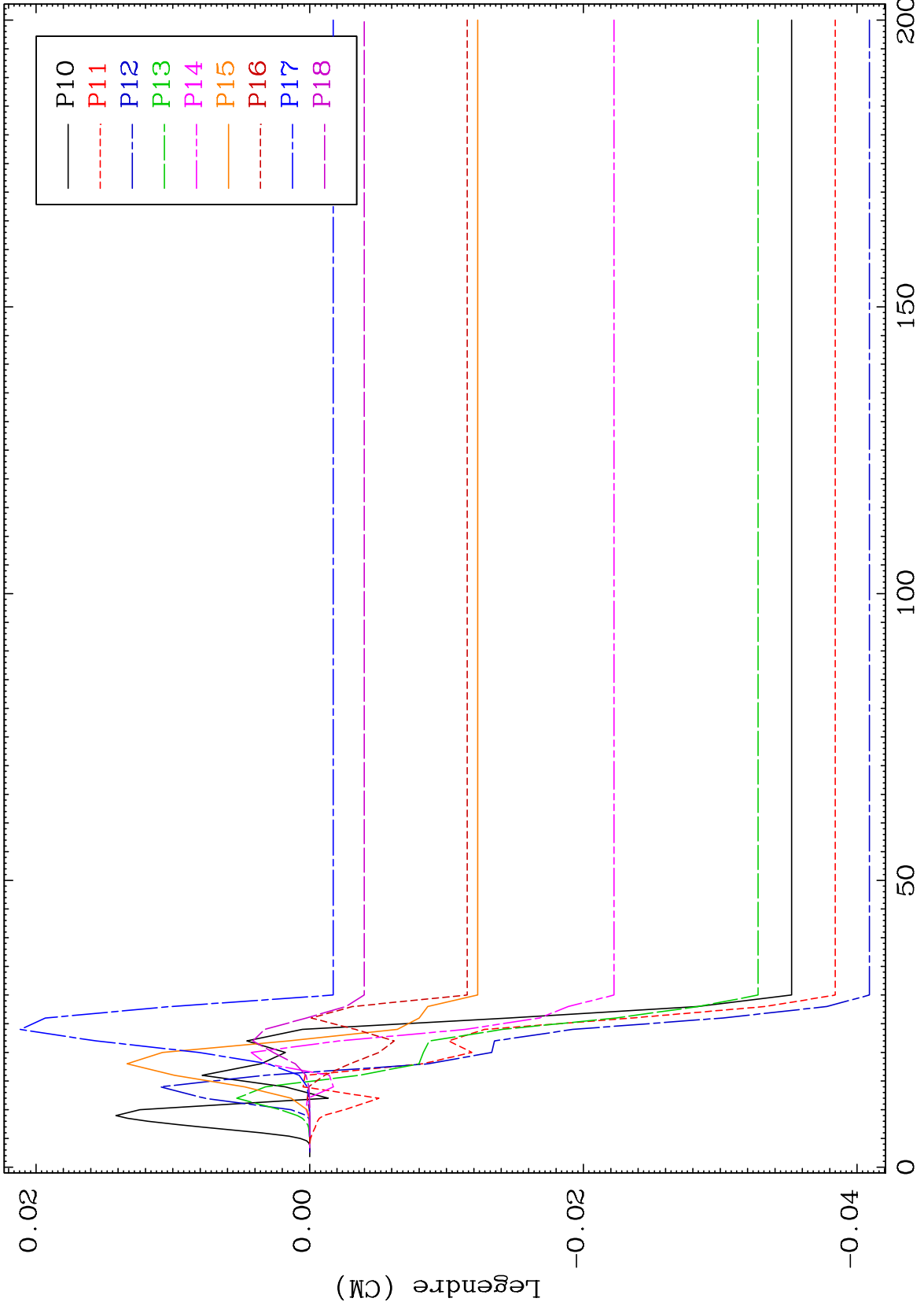


81 66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

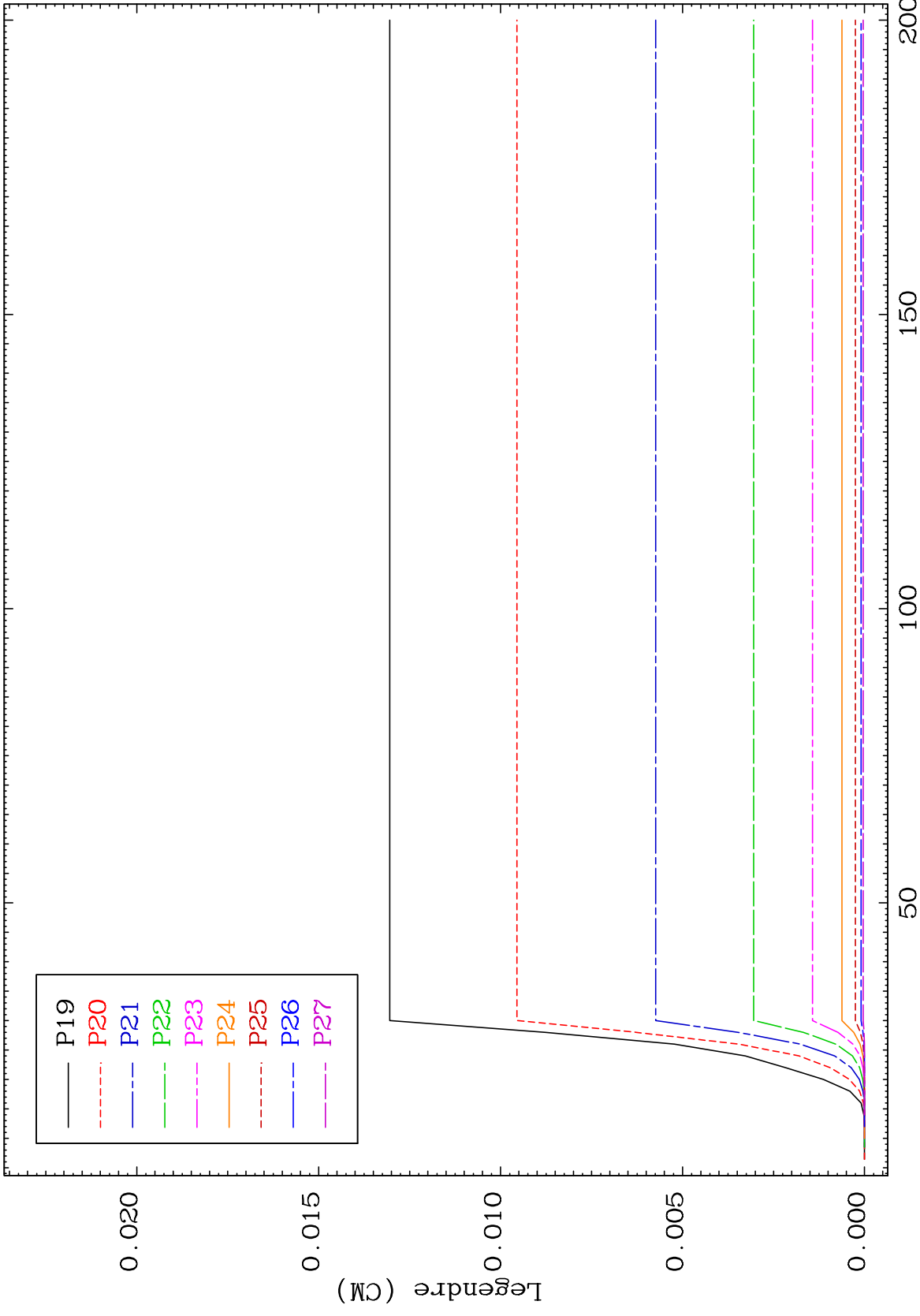
Incident Energy (MeV)

82

MAT 6649

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

66-Dy-164



83

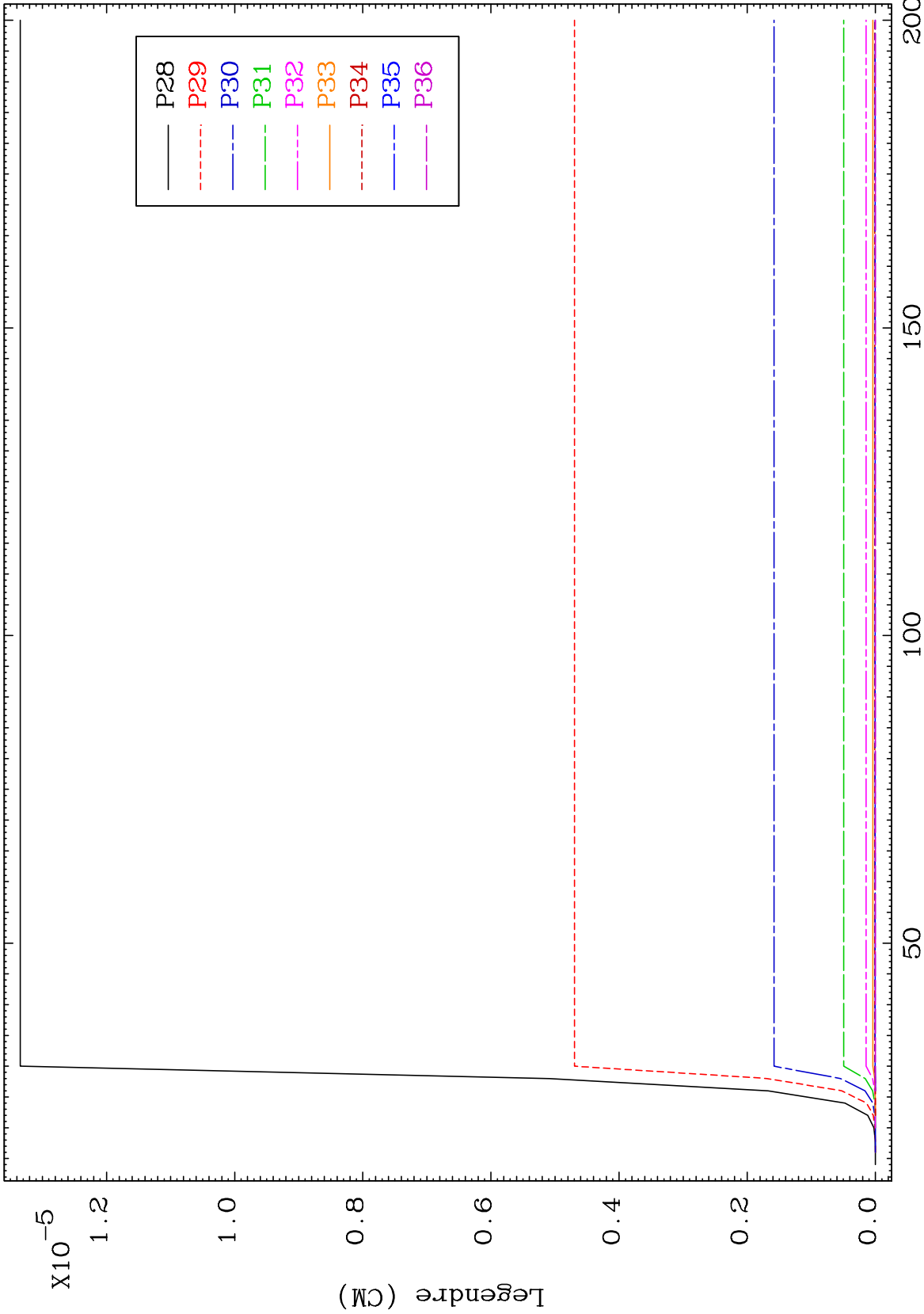
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



84

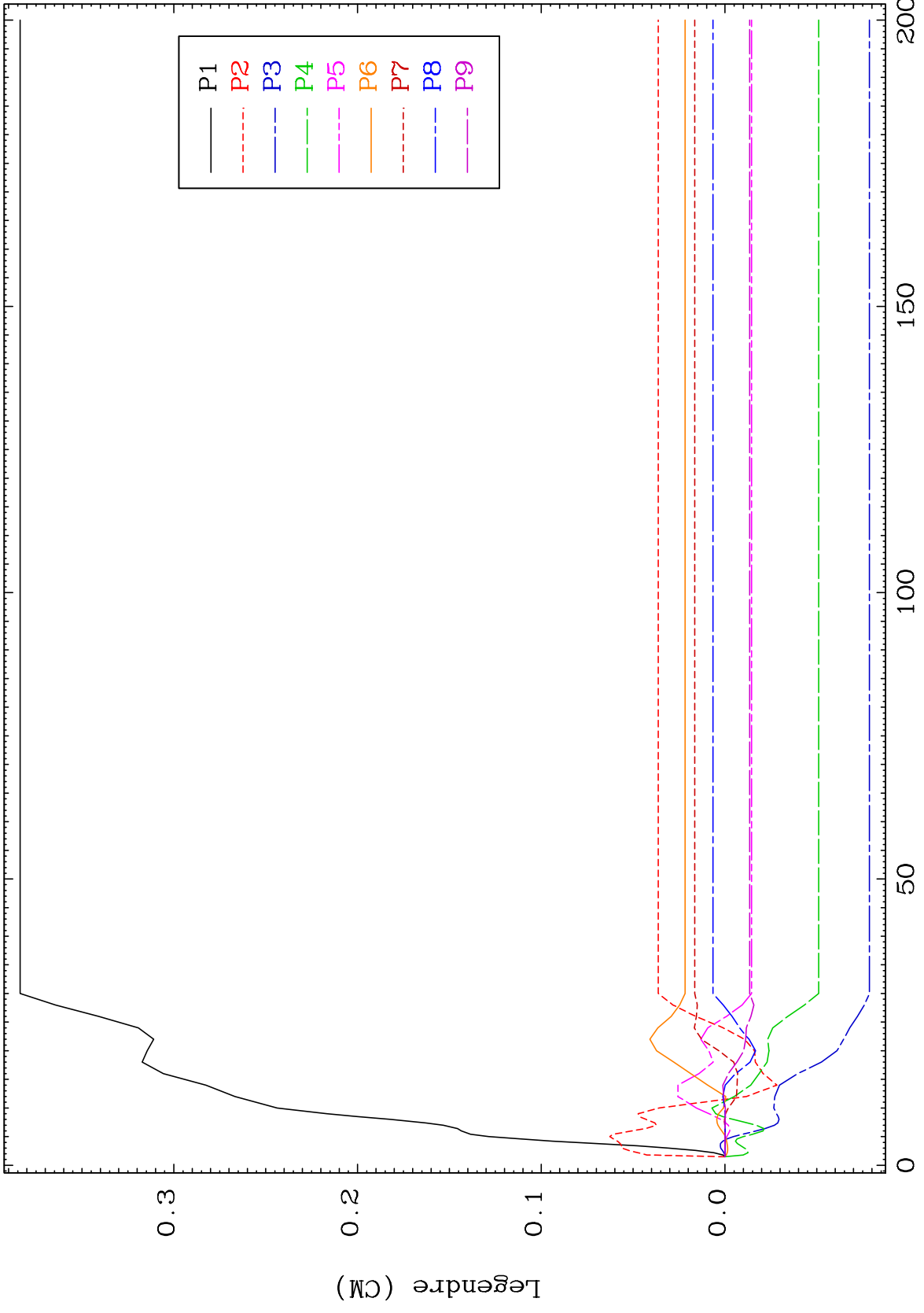
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



85

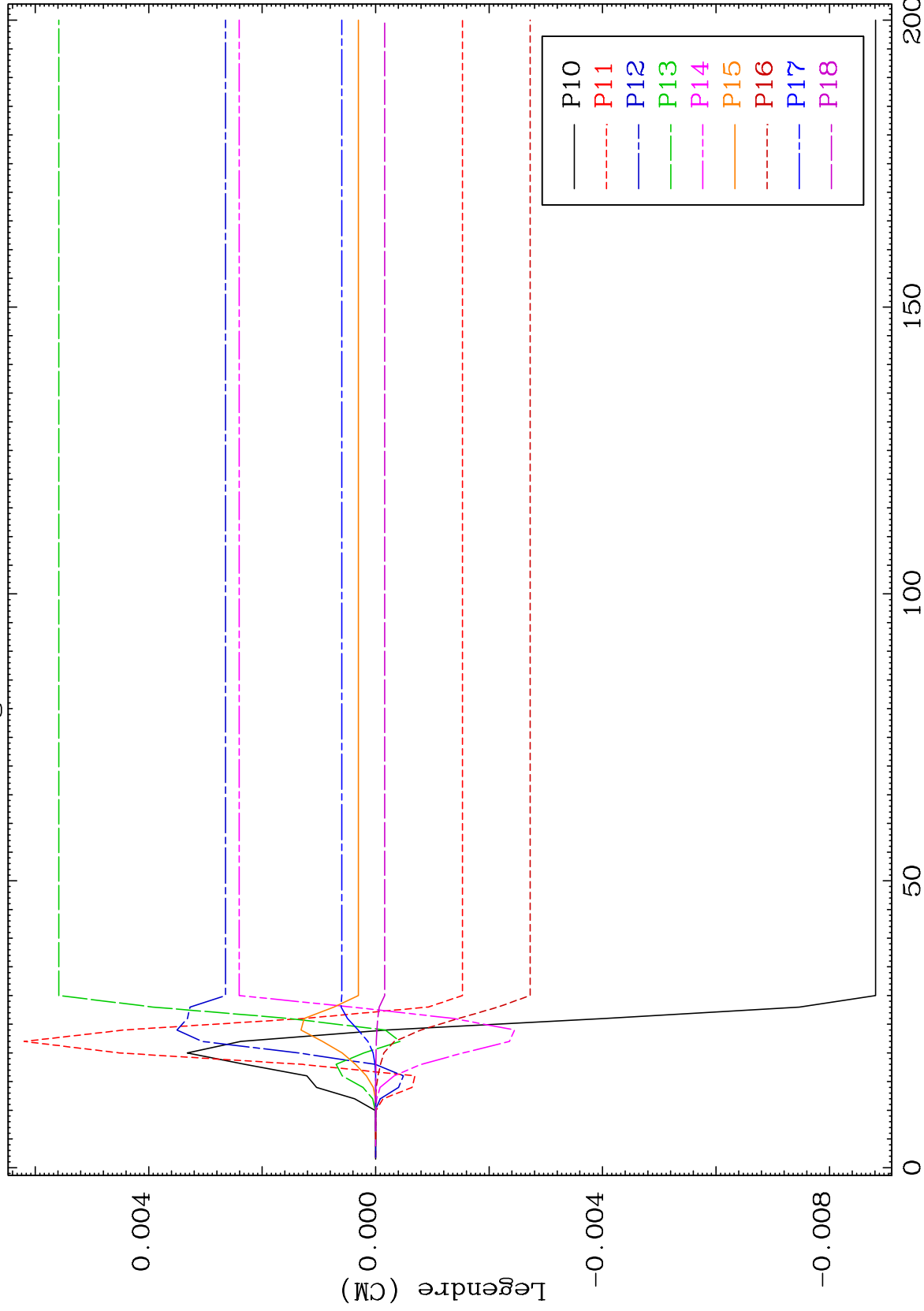
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



86

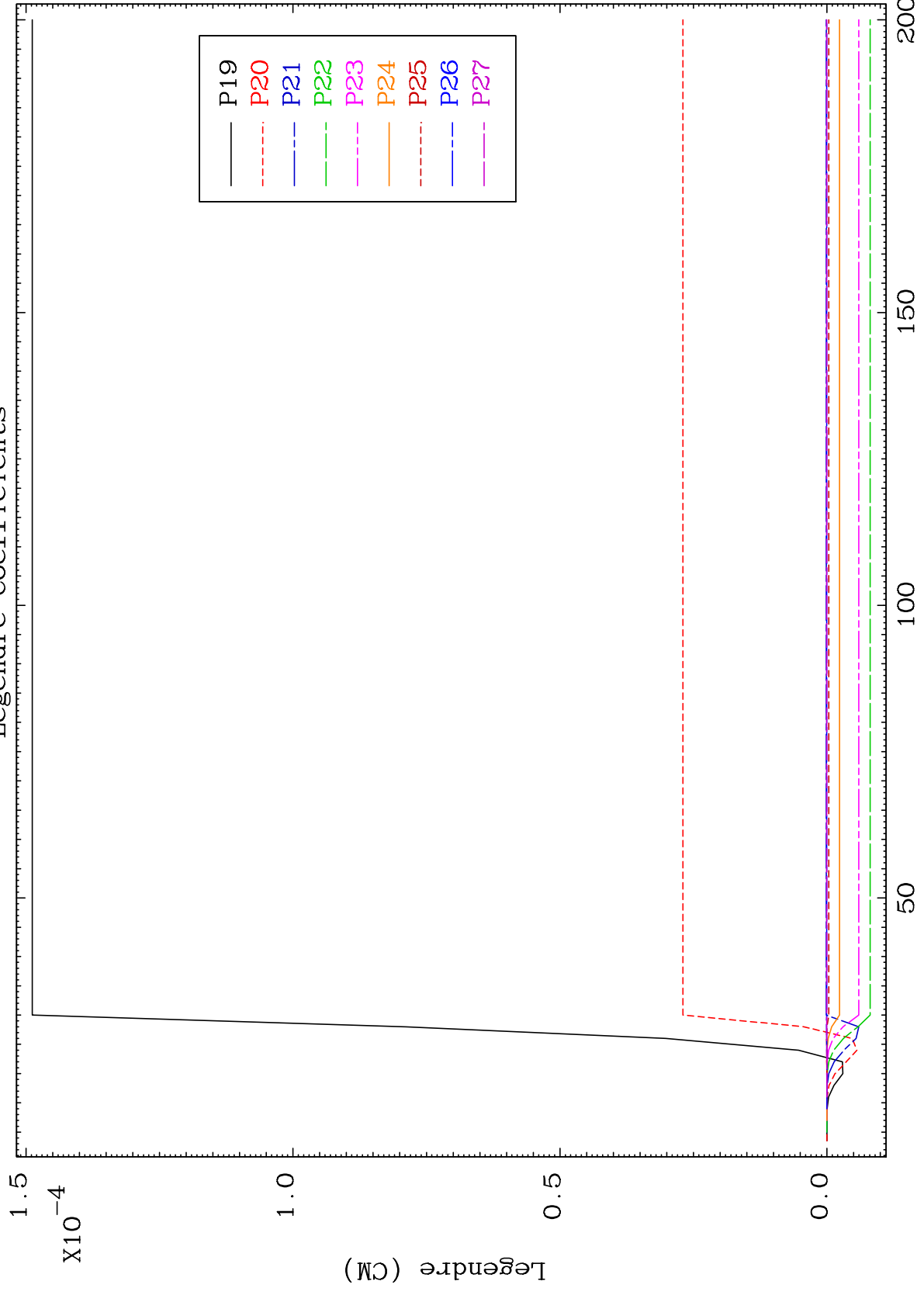
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

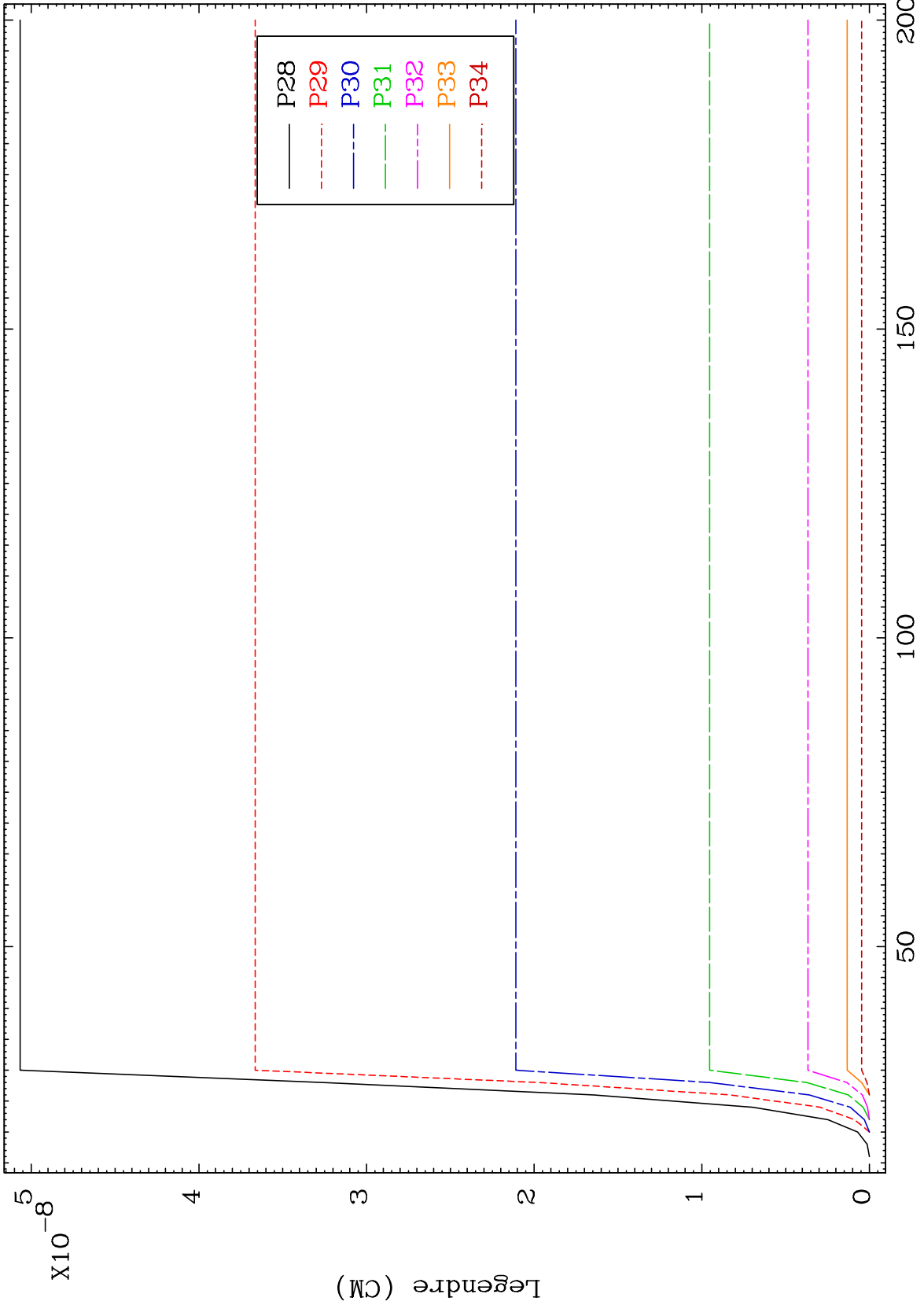
Incident Energy (MeV)

87

MAT 6649

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

66-Dy-164



88

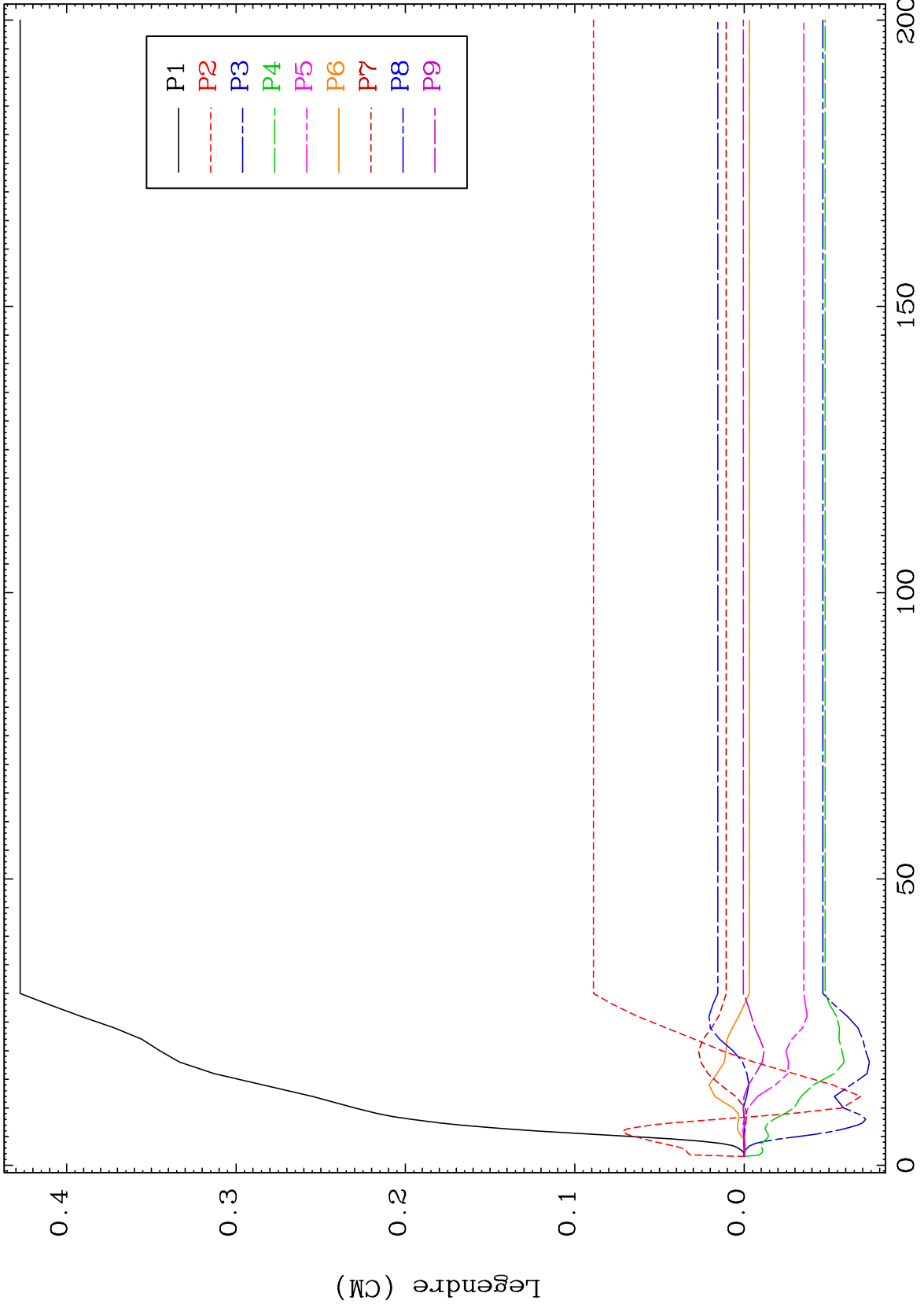
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



89

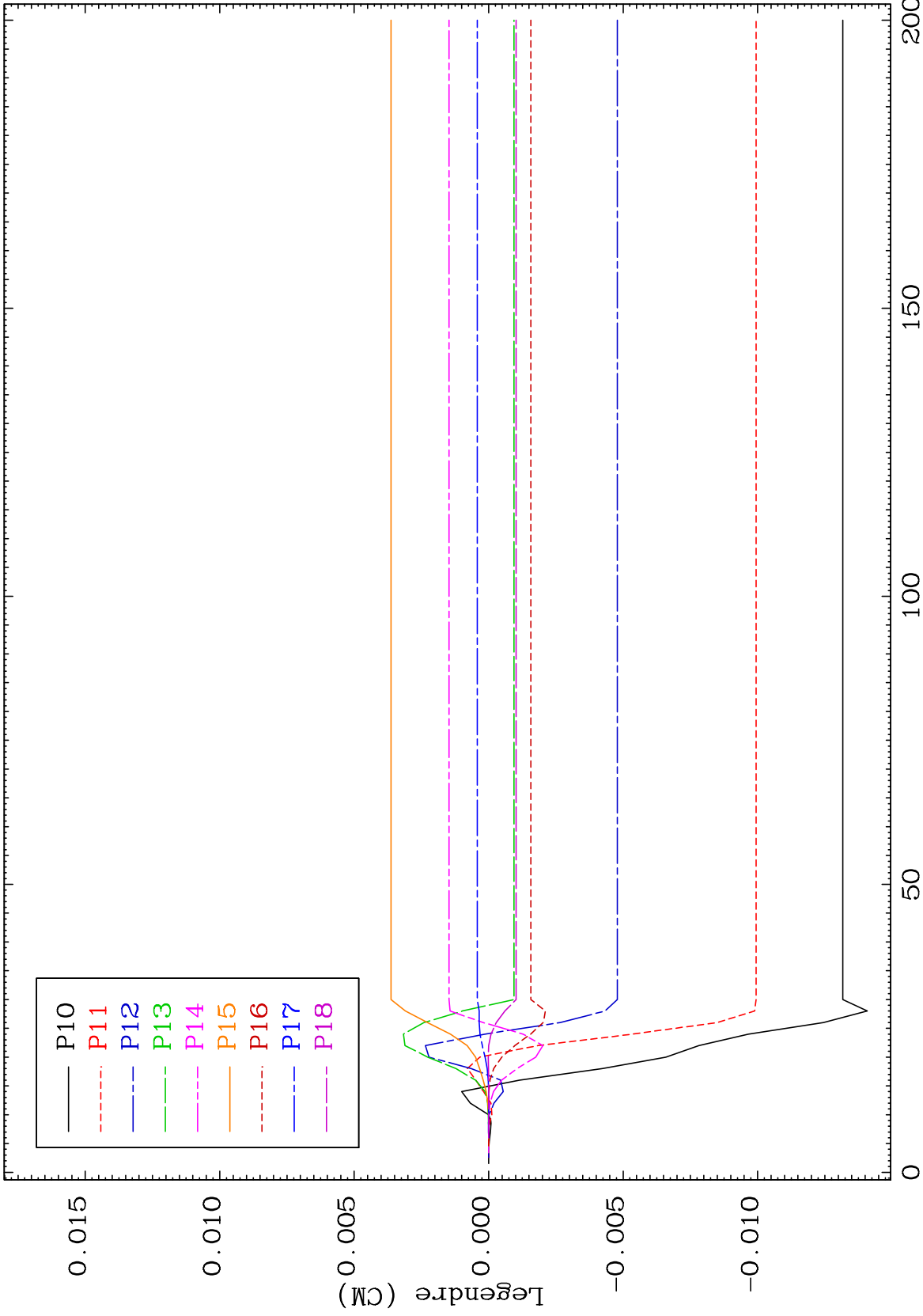
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



90

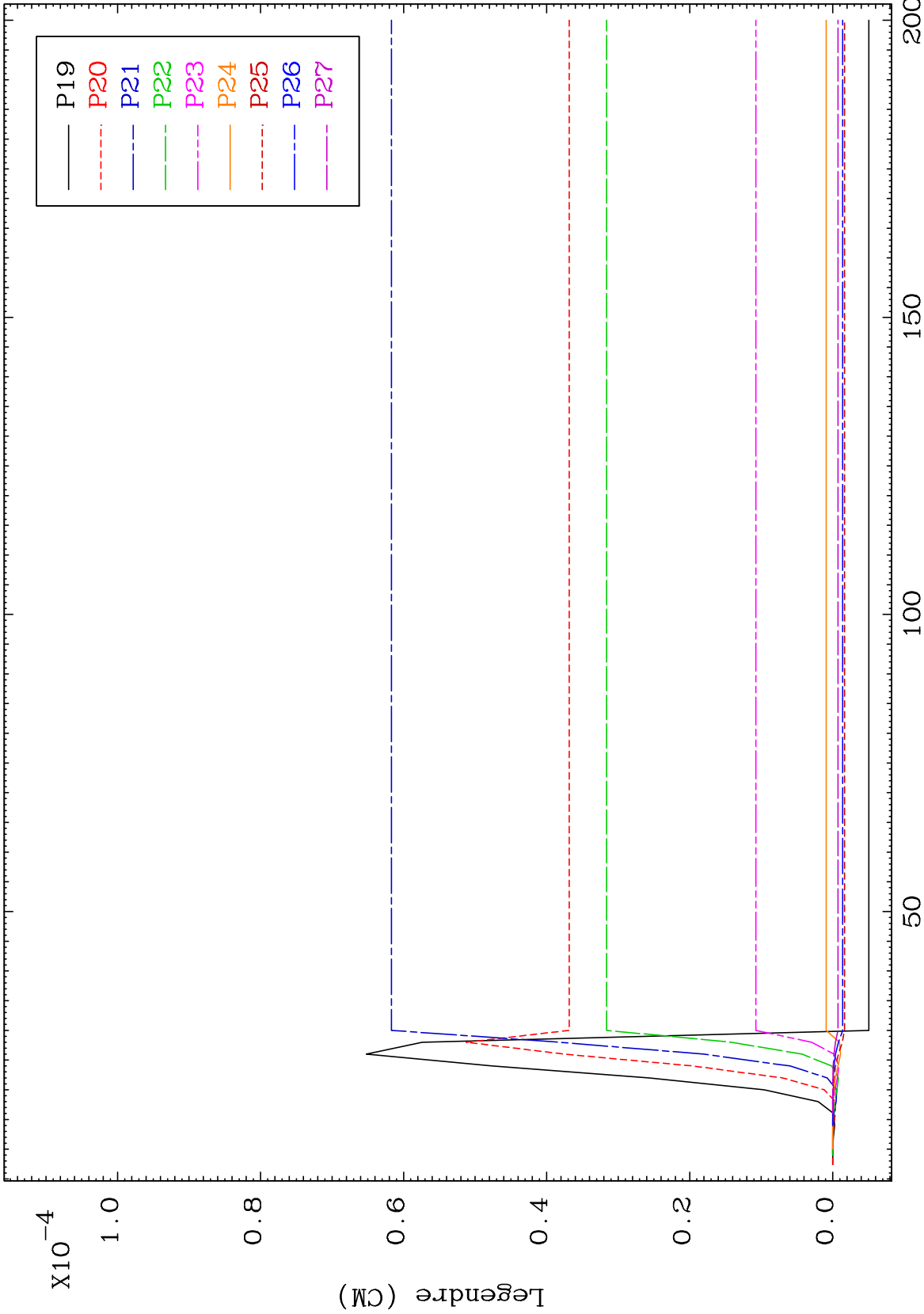
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



91

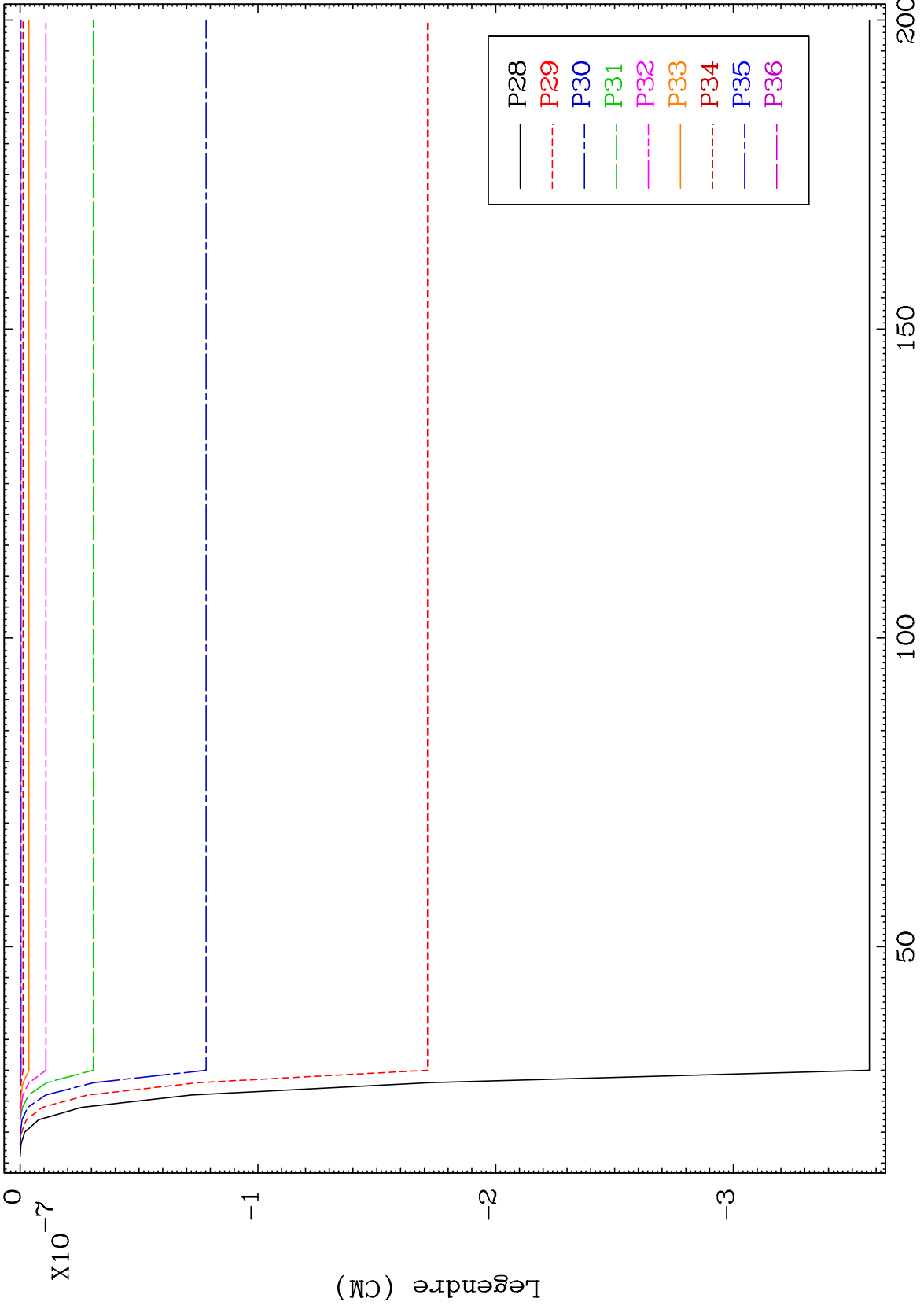
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

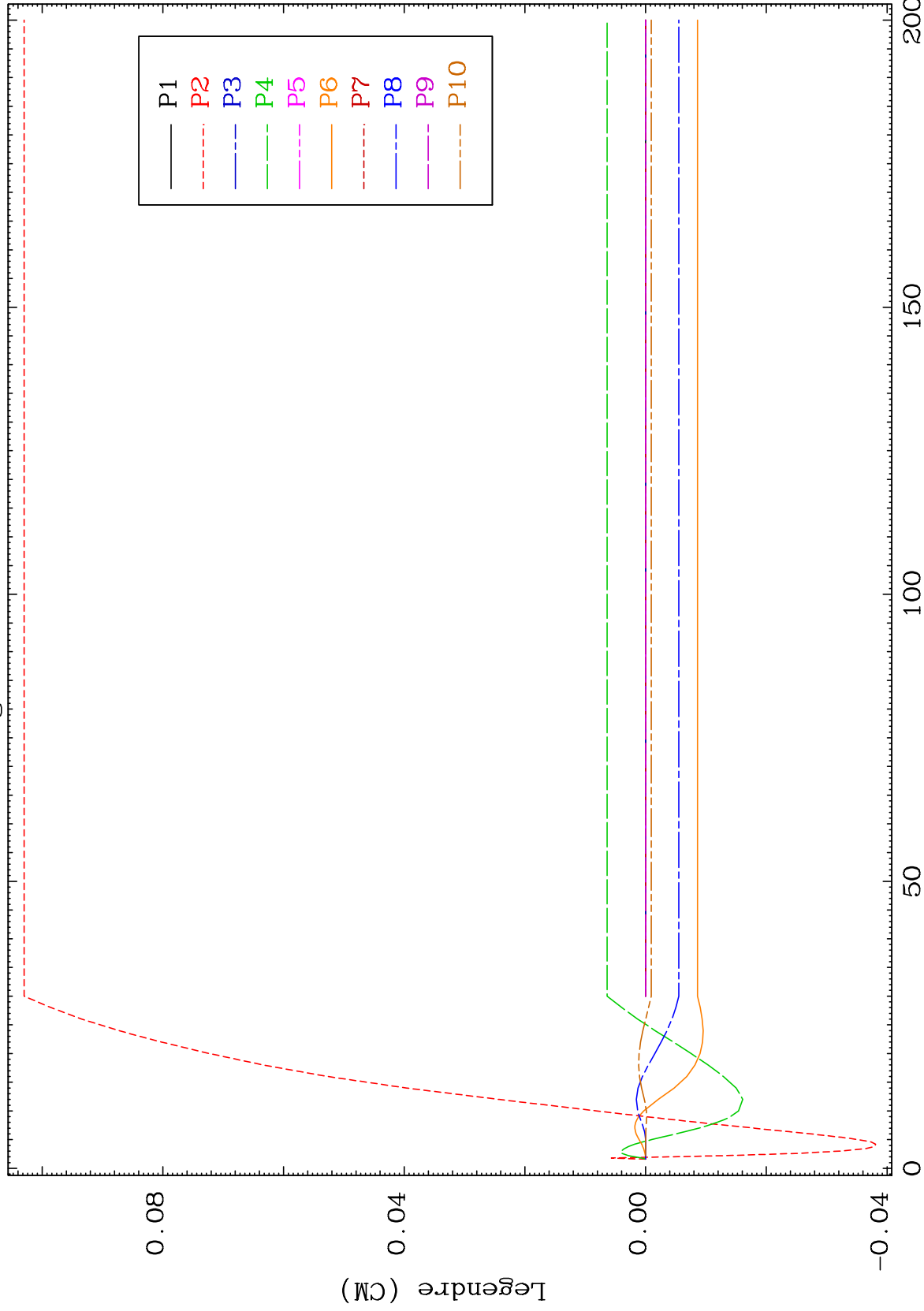
Incident Energy (MeV)

92

MAT 6649

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

66-Dy-164



93

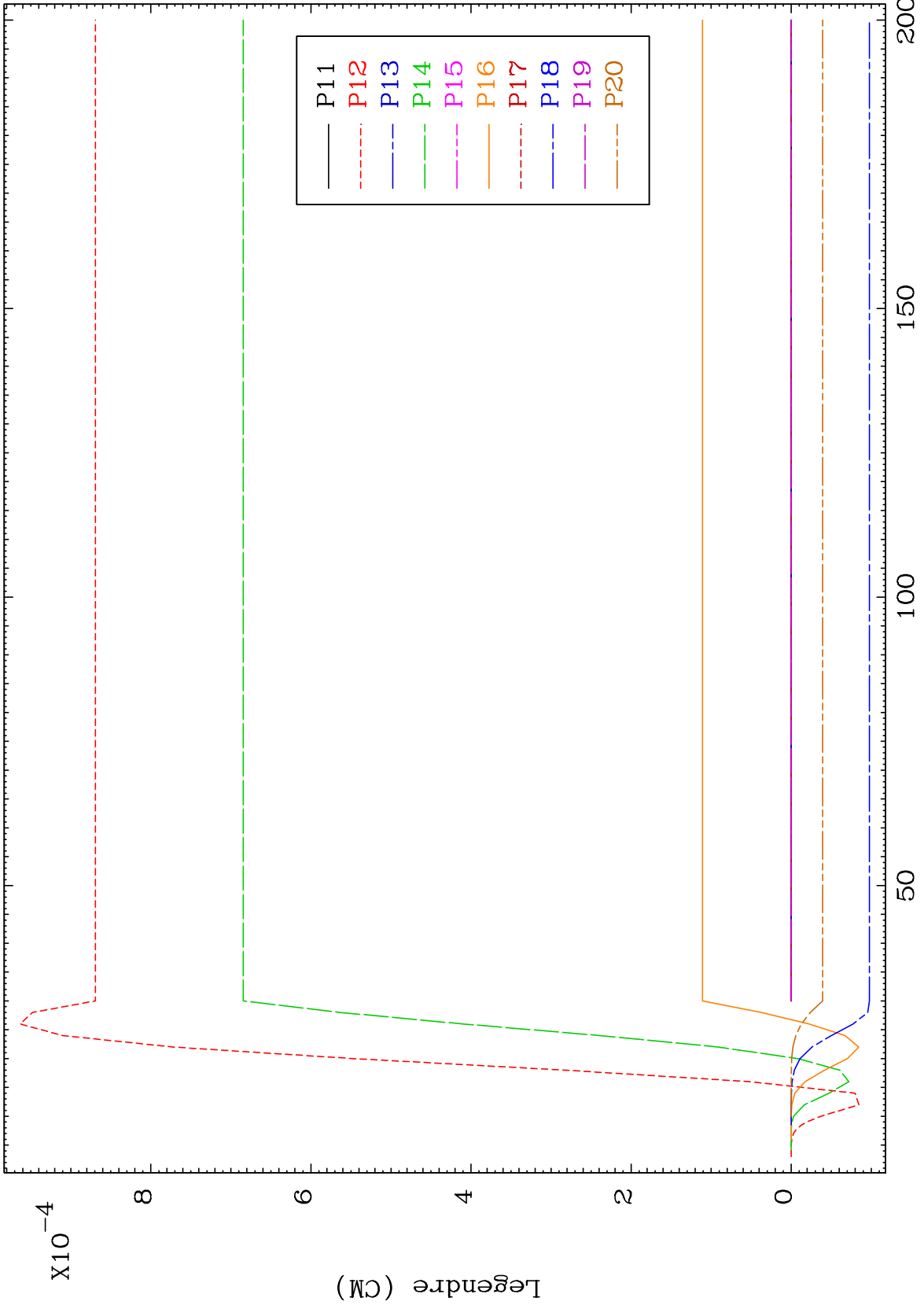
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



94

Incident Energy (MeV)

66-Dy-164

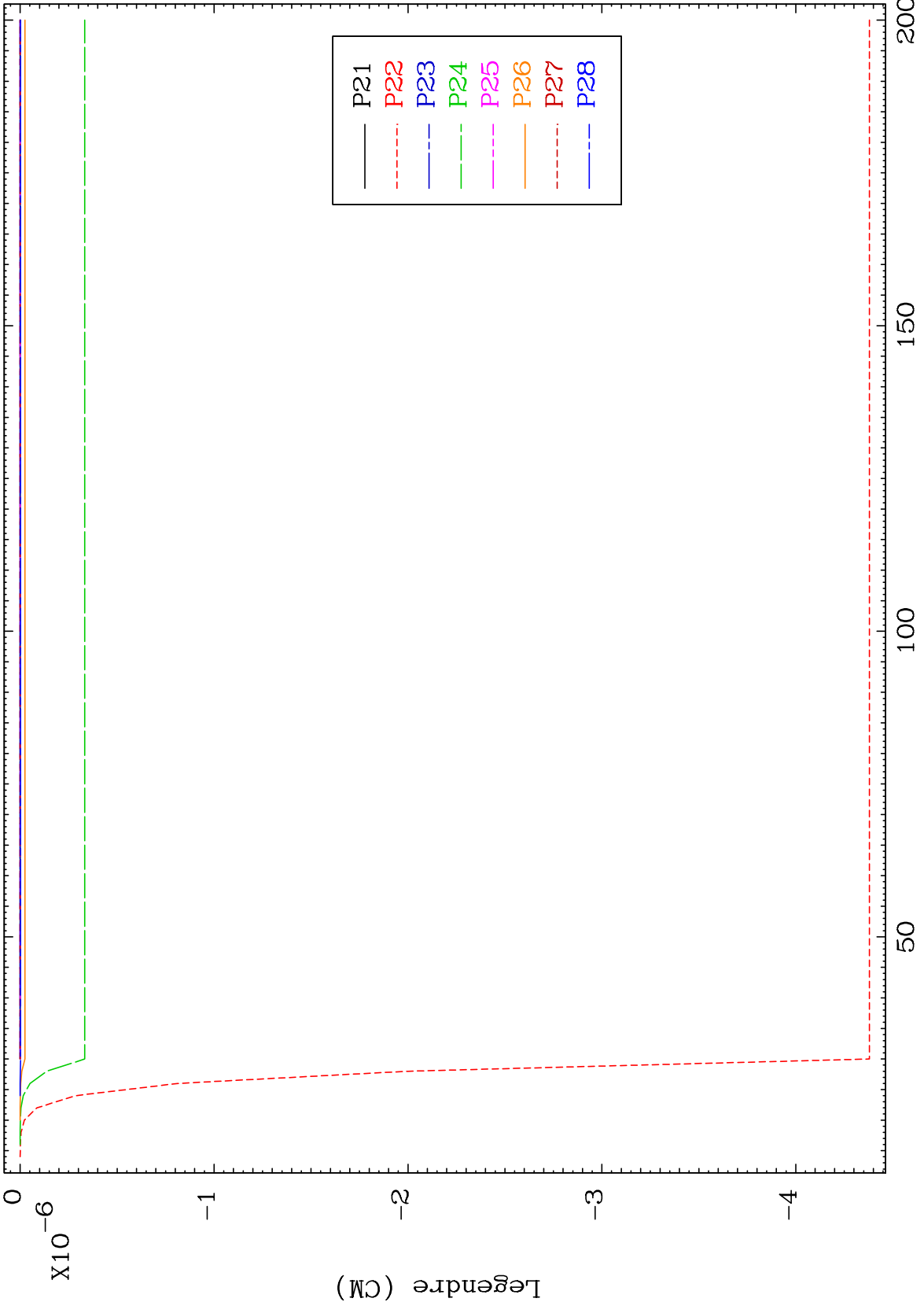
MAT 6649

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

66-Dy-164

Incident Energy (MeV)

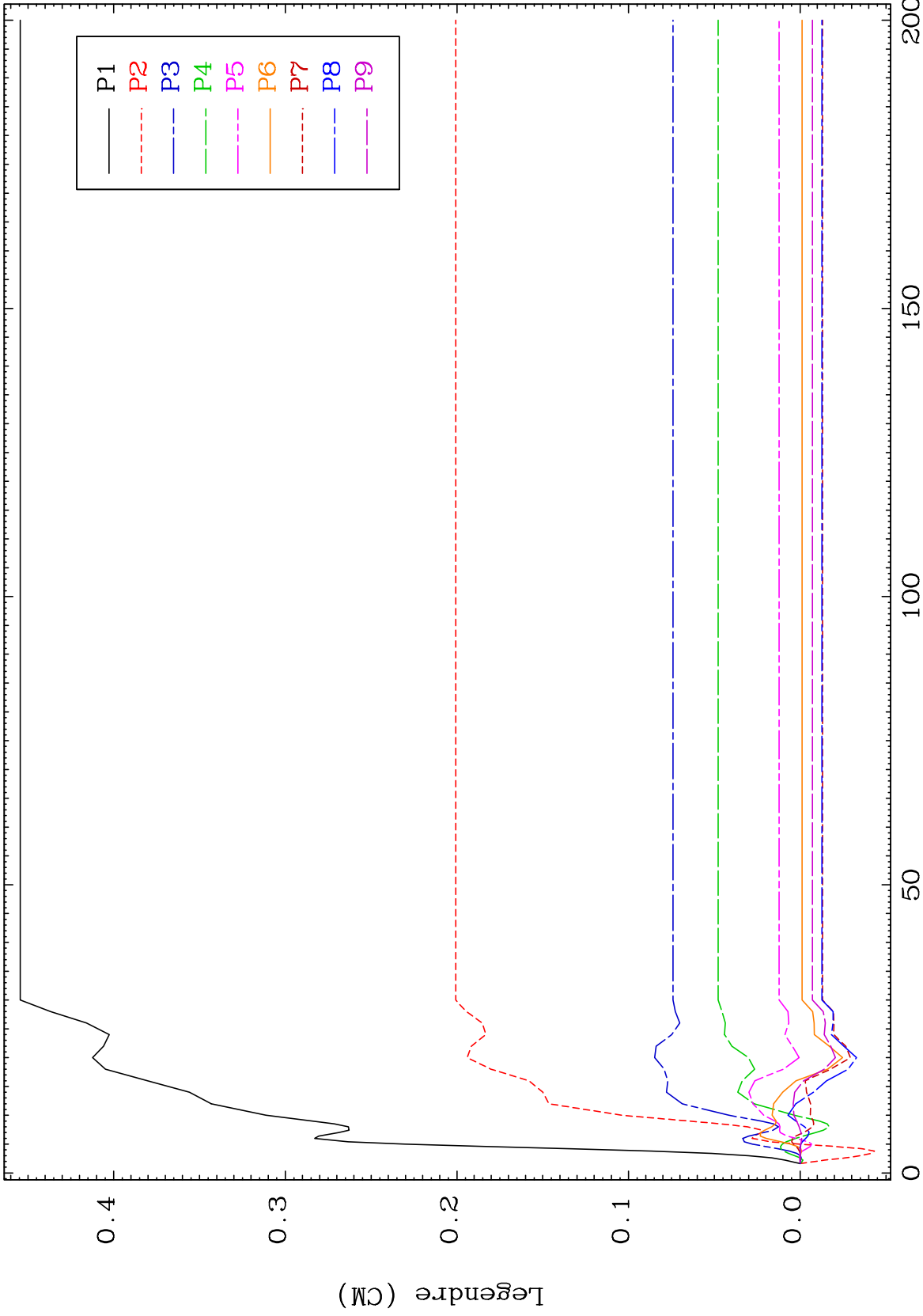
95



MAT 6649

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

66-Dy-164



96

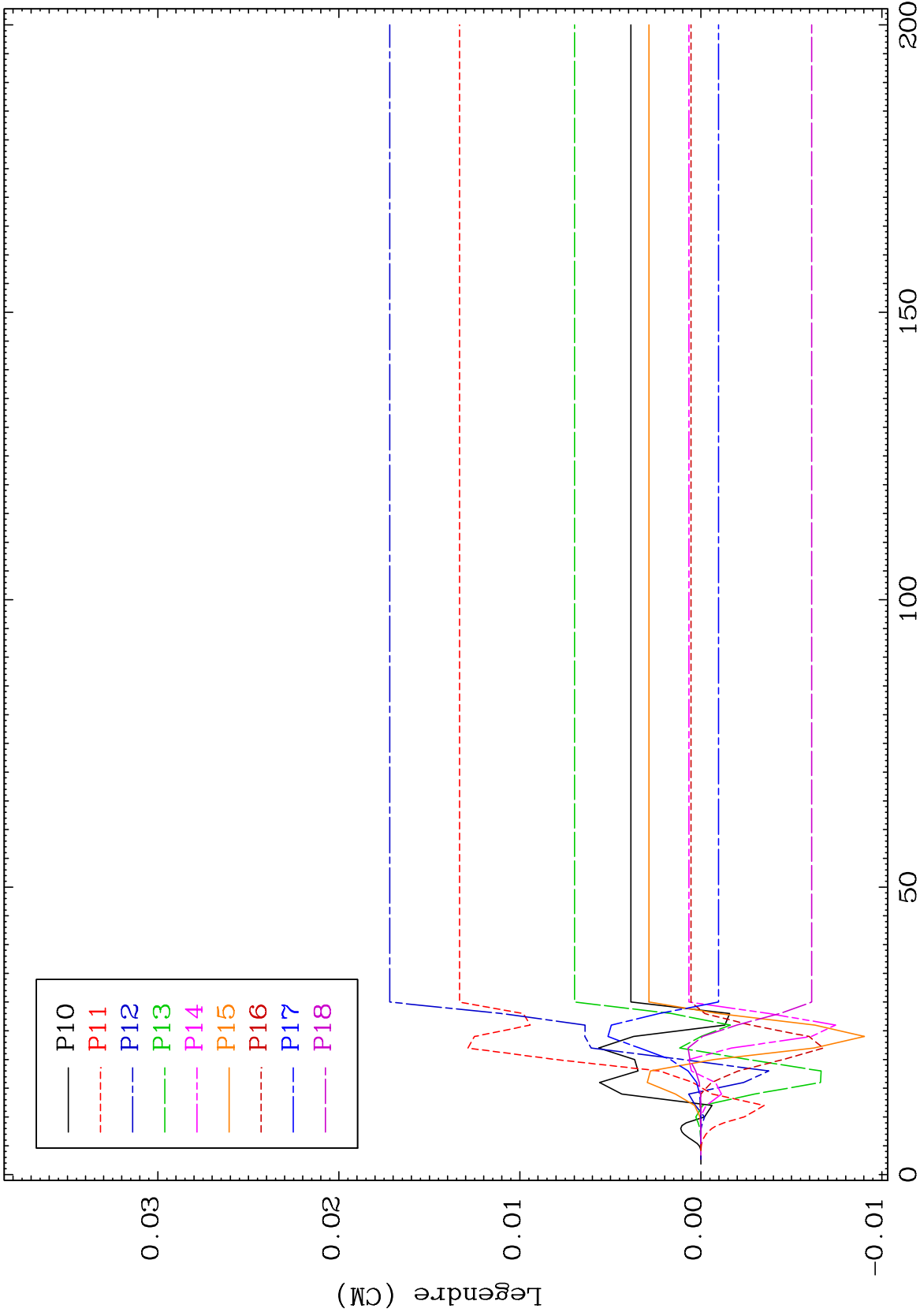
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



97

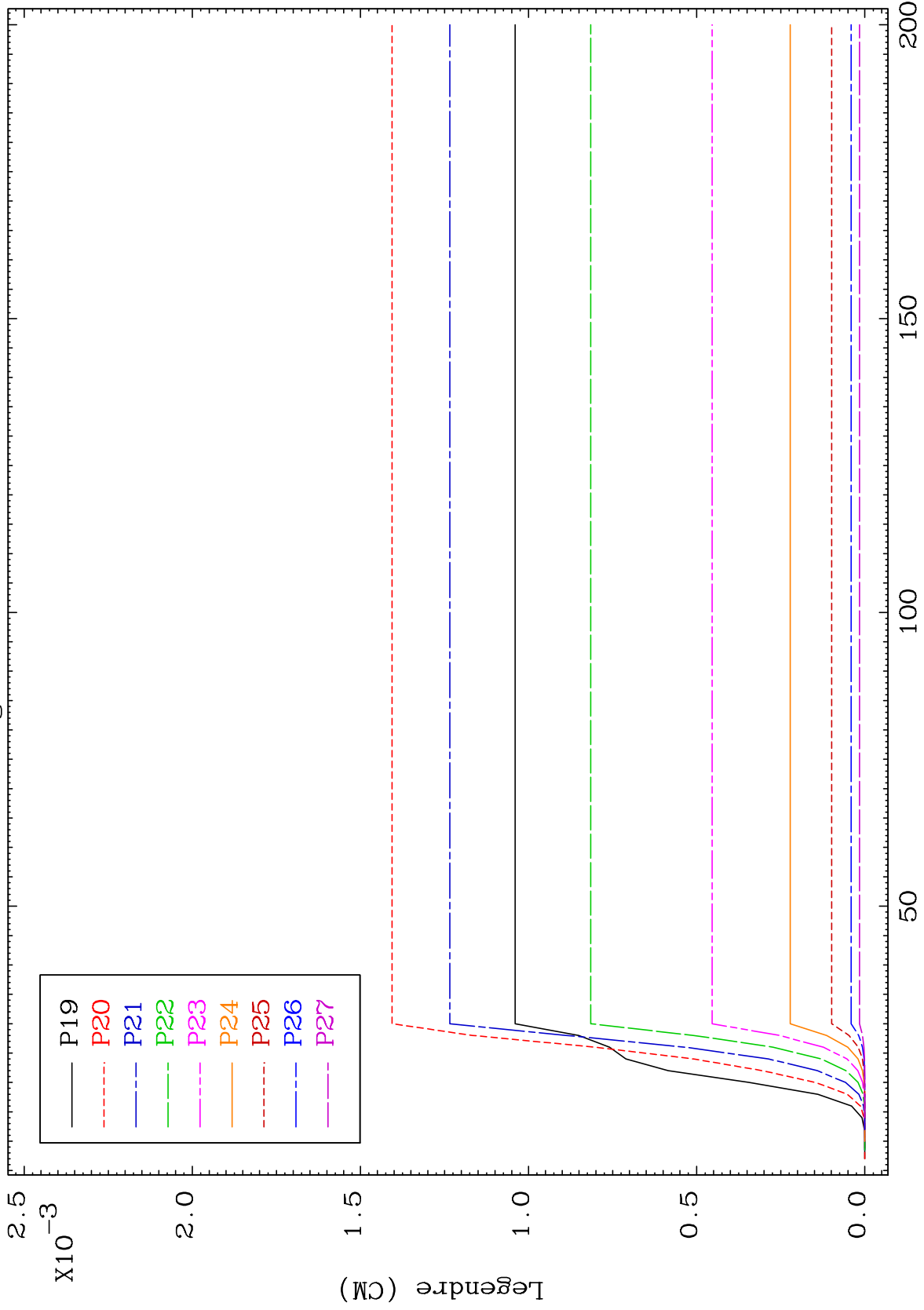
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



98

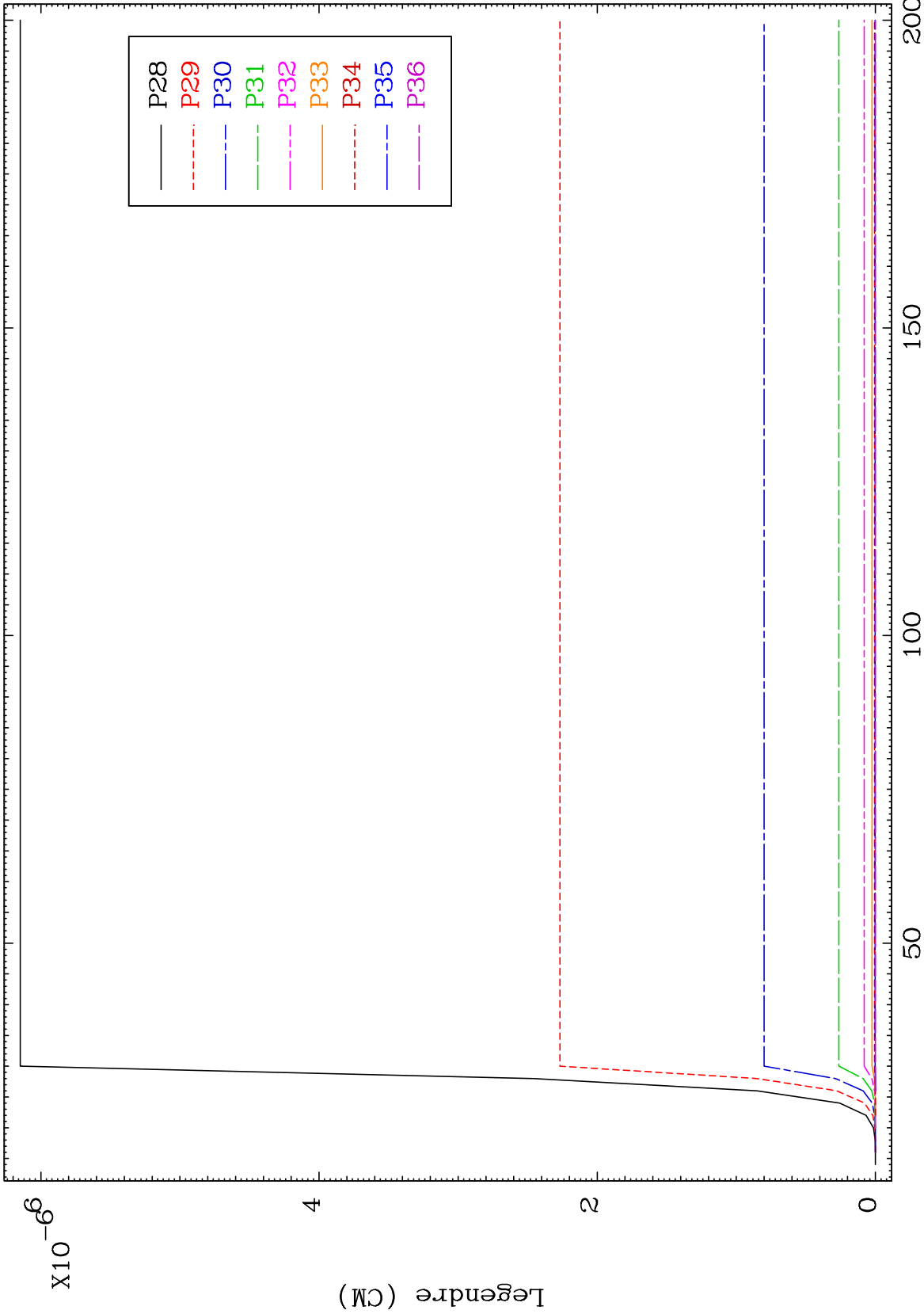
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



99

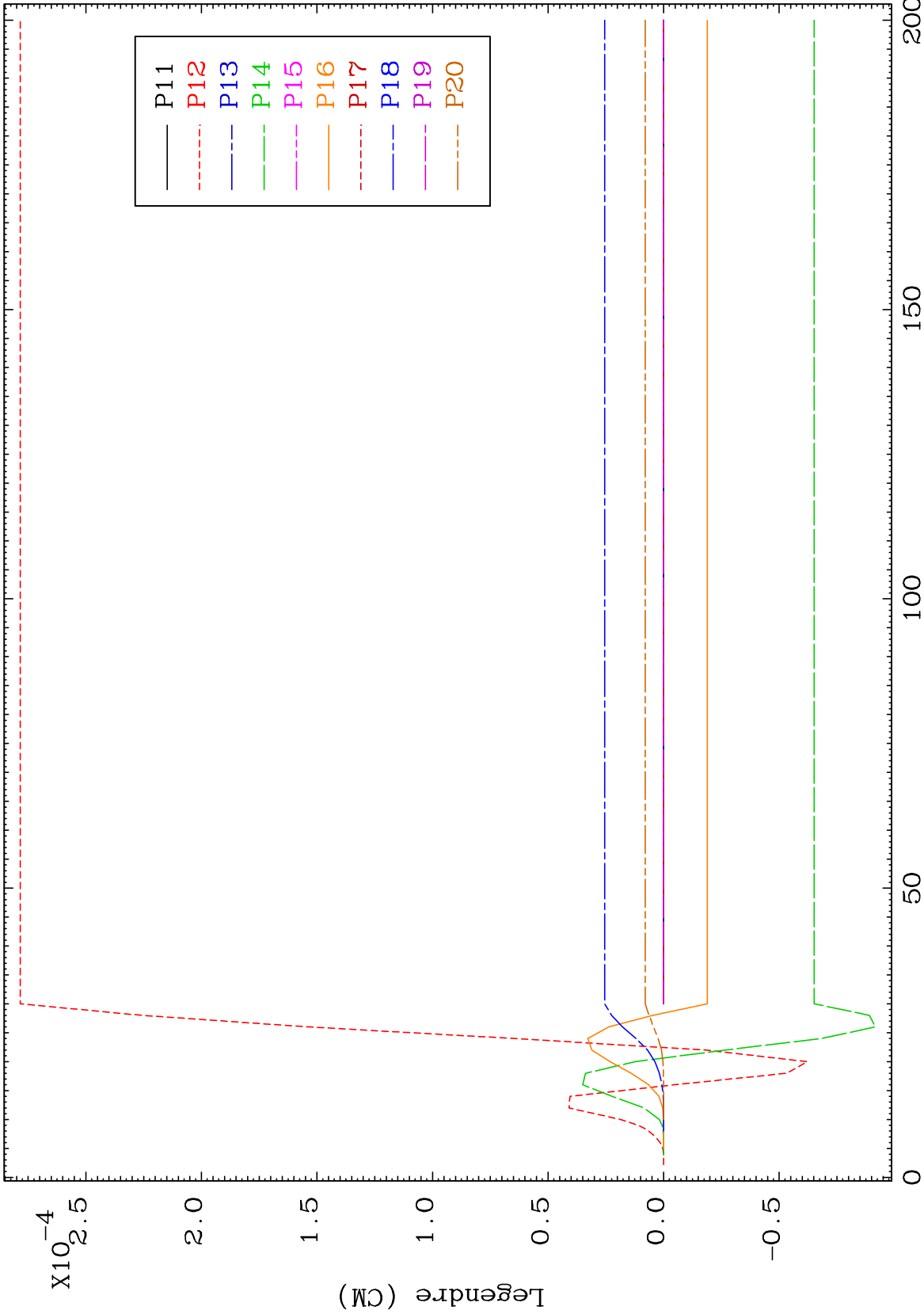
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



101

Incident Energy (MeV)

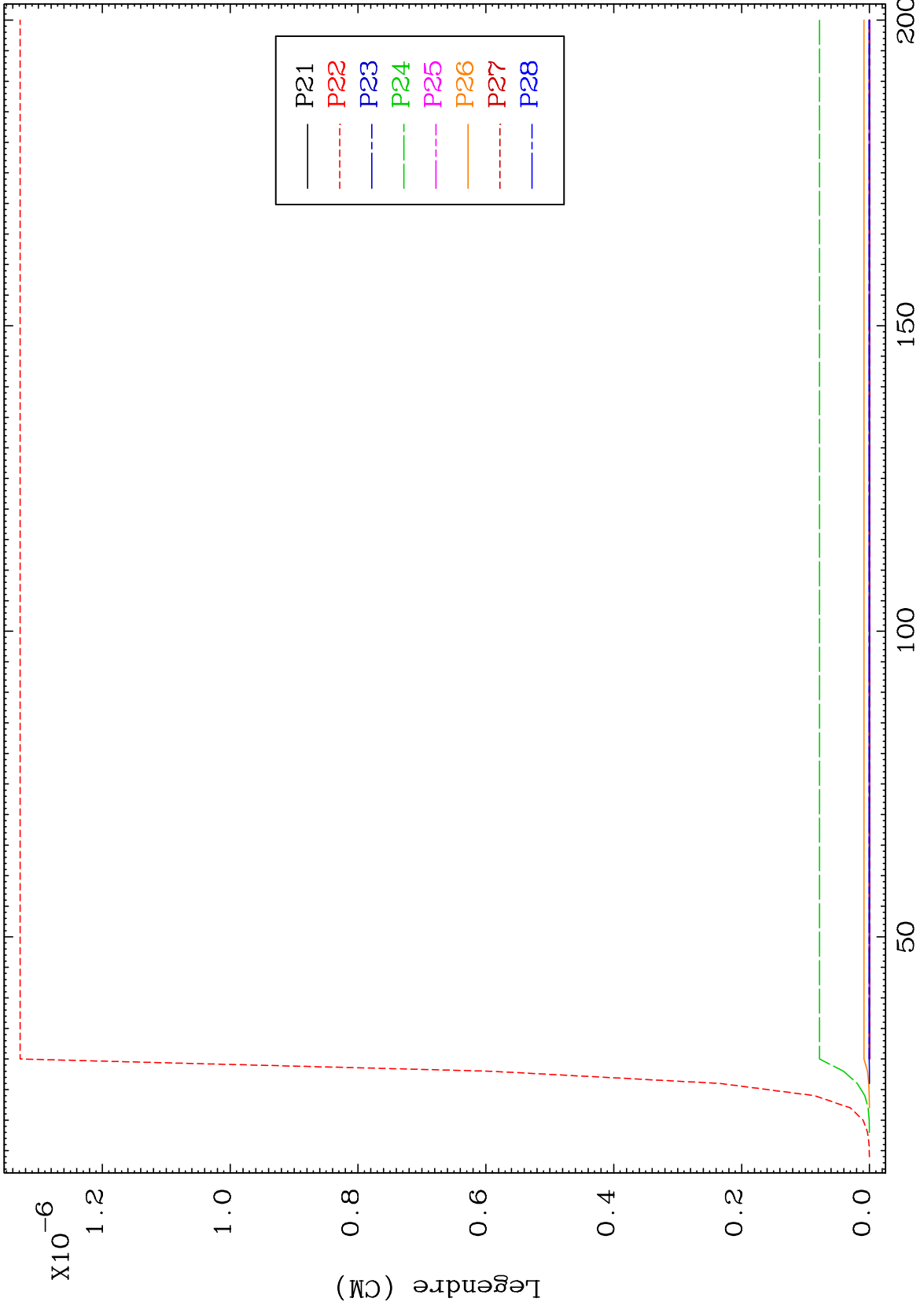
66-Dy-164

MAT 6649

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

66-Dy-164

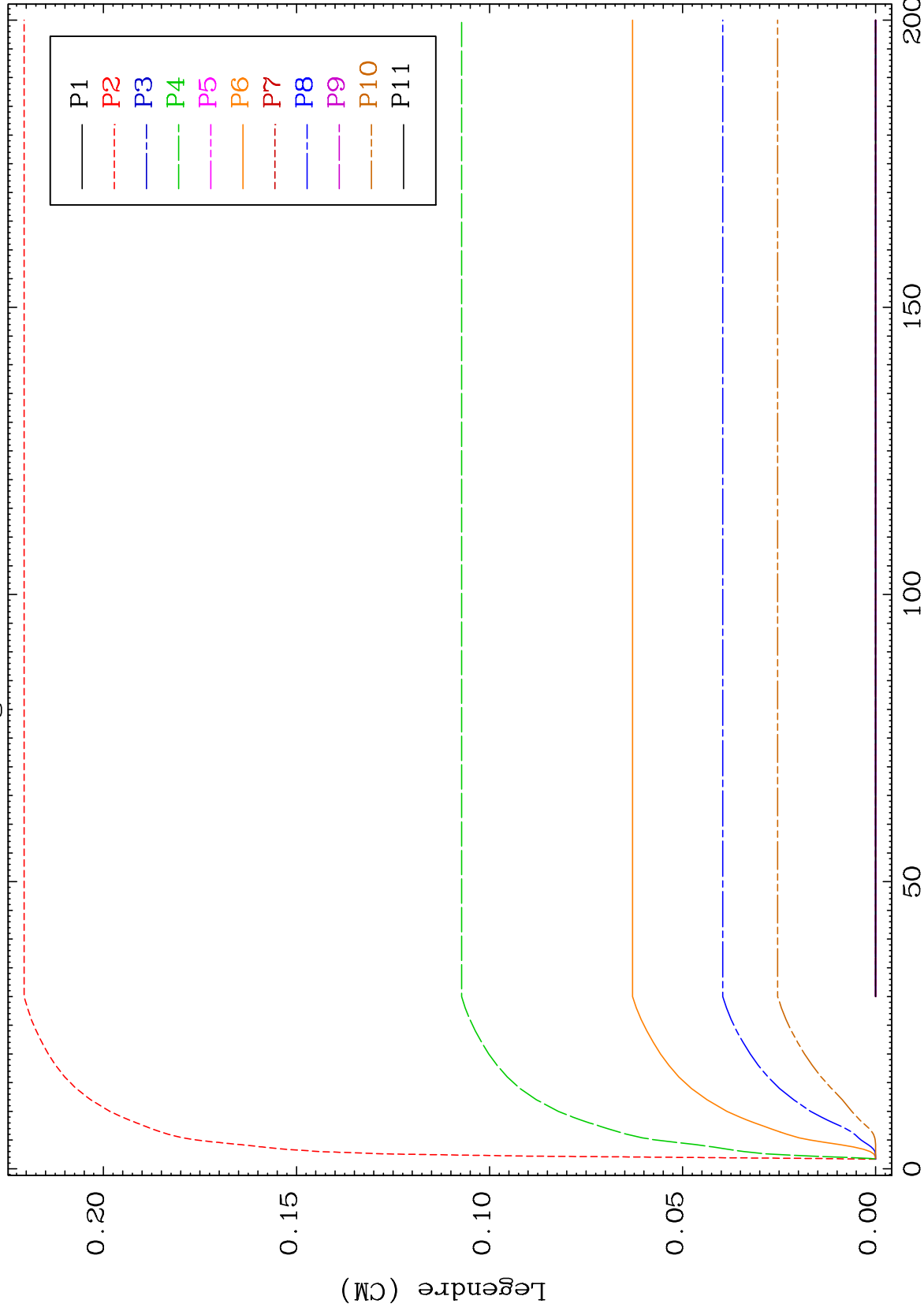
66-Dy-164



MAT 6649

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

66-Dy-164



103

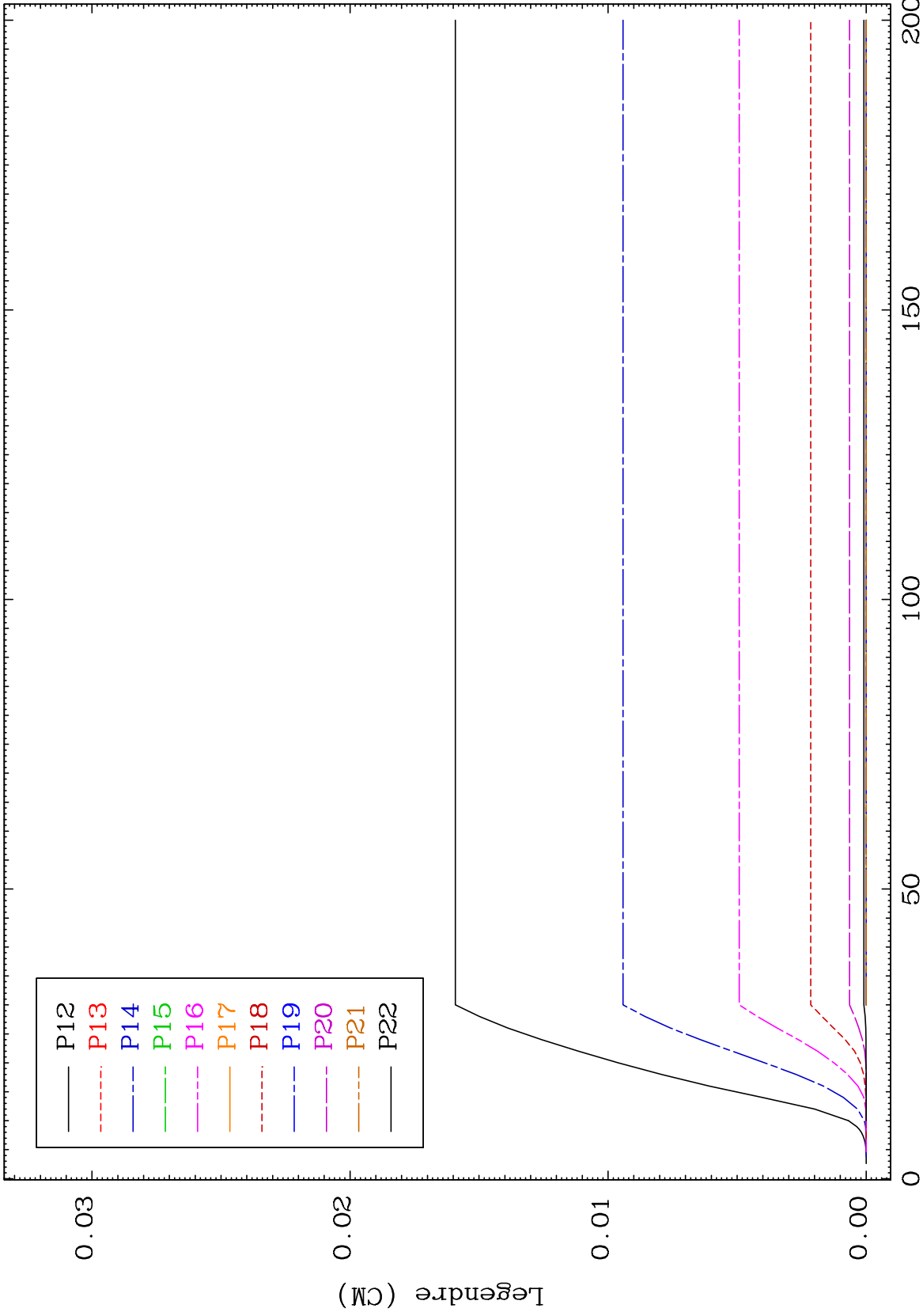
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164

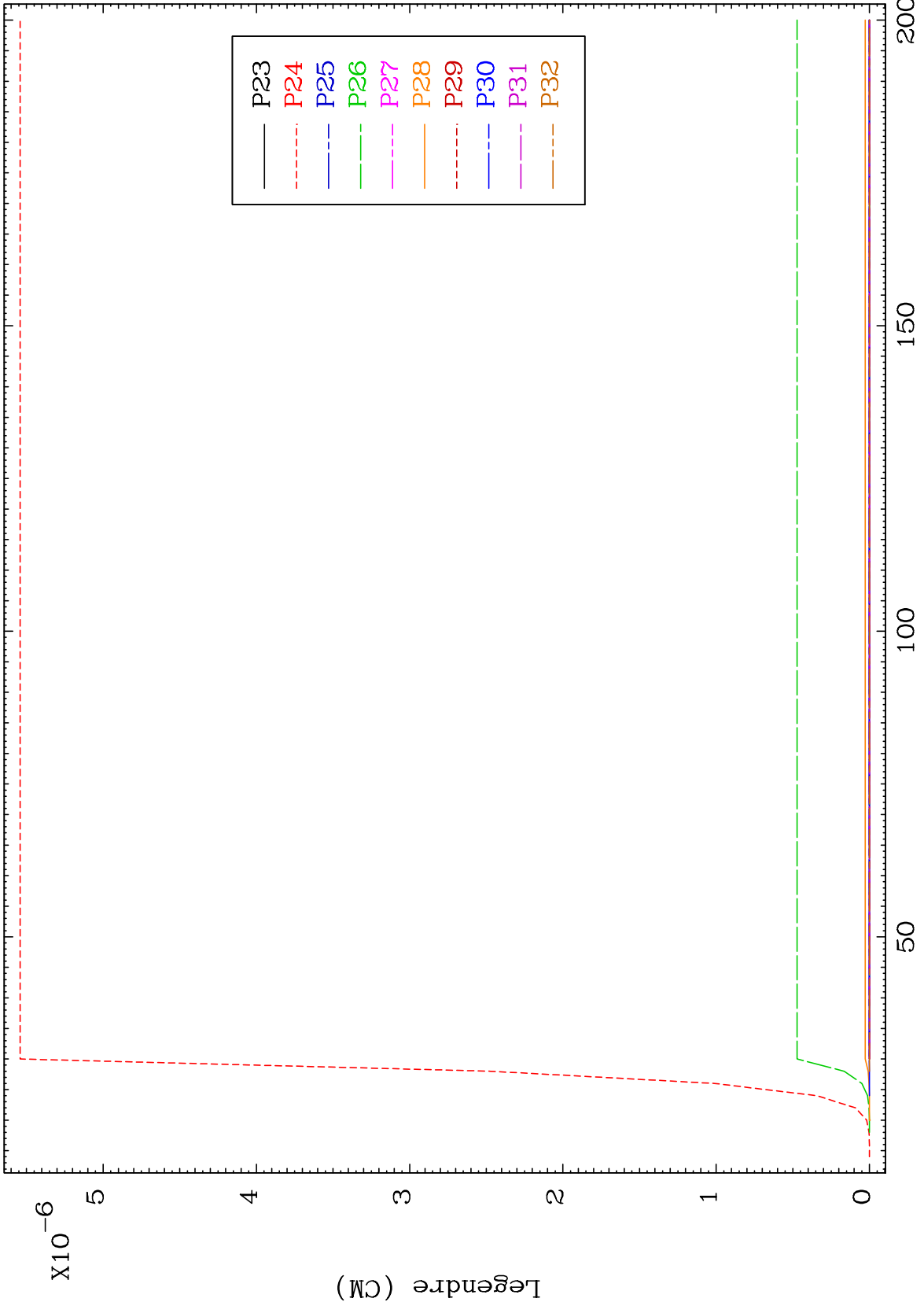


104

Incident Energy (MeV)

66-Dy-164

MAT 6649 MT= 74 (n,n') Level Legendre Coefficients 66-Dy-164

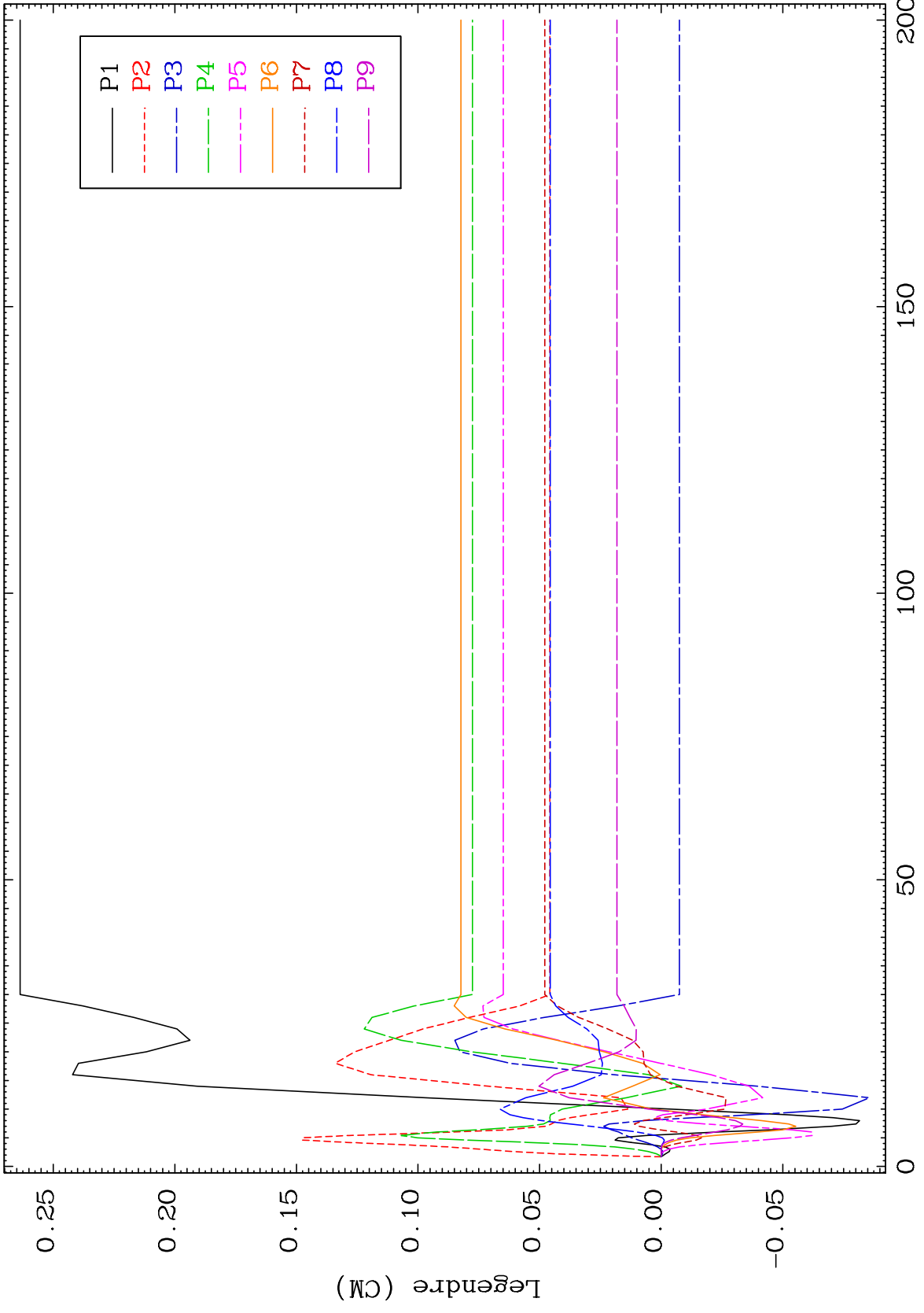


66-Dy-164

MAT 6649

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

66-Dy-164



106

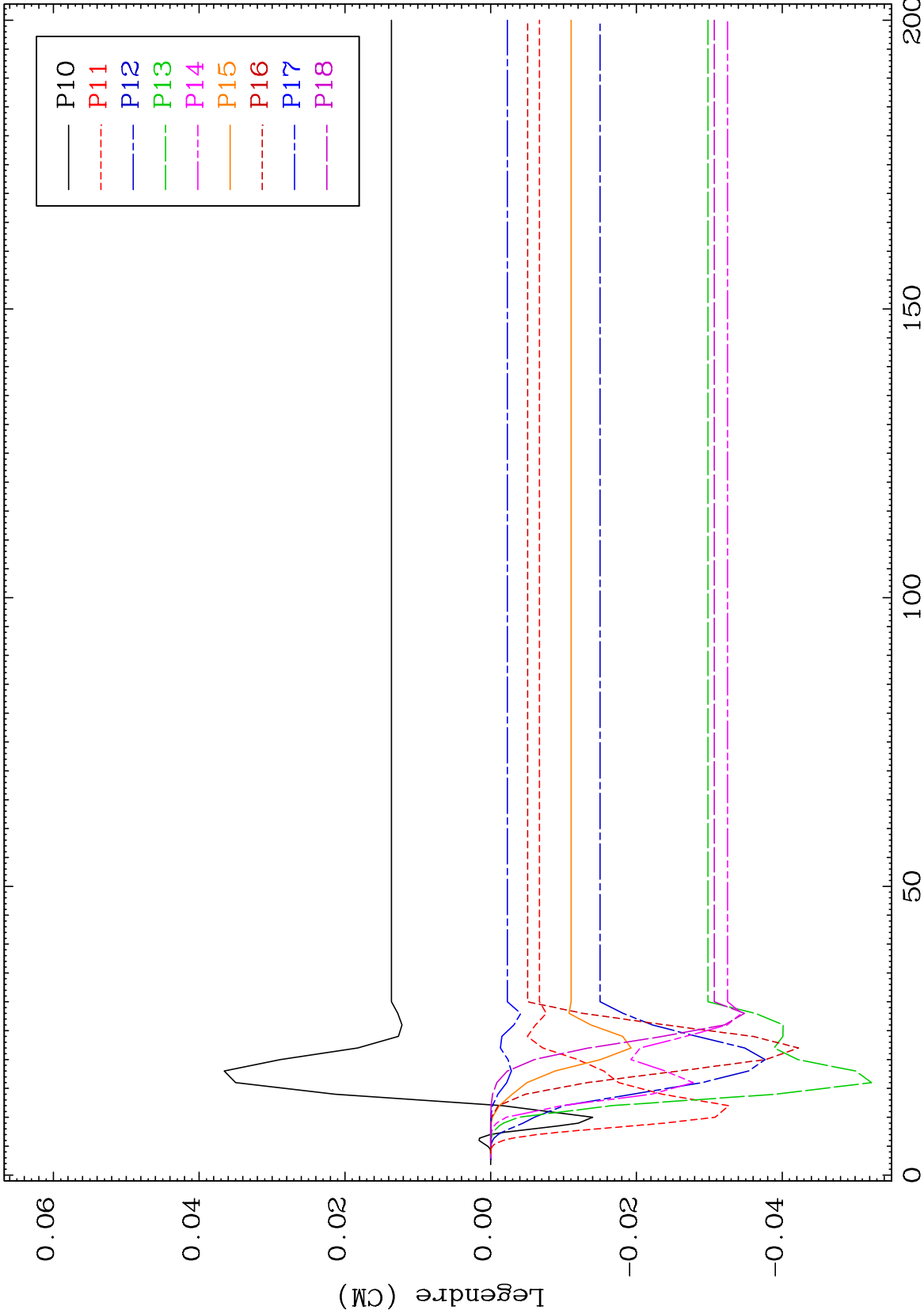
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



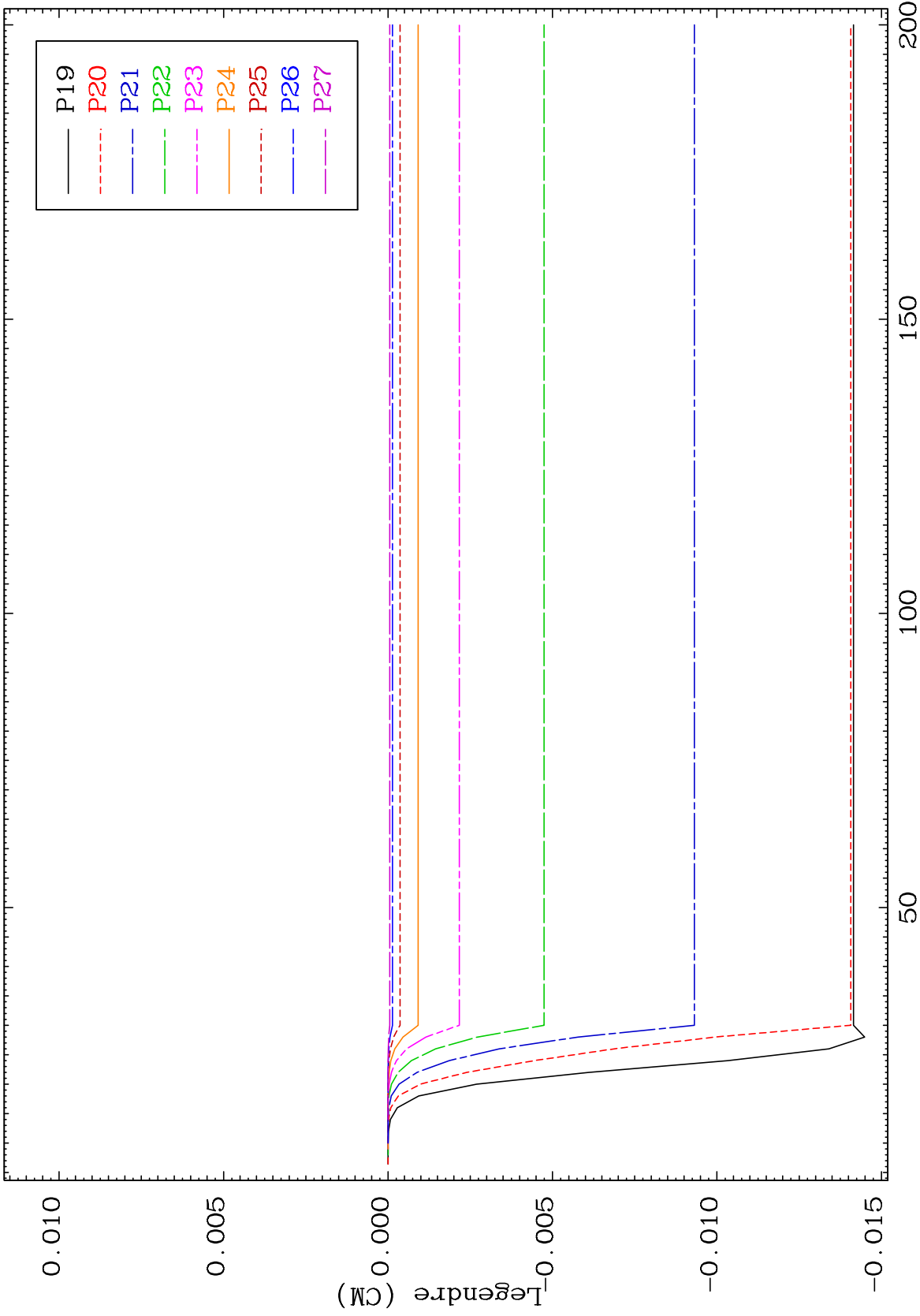
107

66-Dy-164

MAT 6649

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

66-Dy-164



108

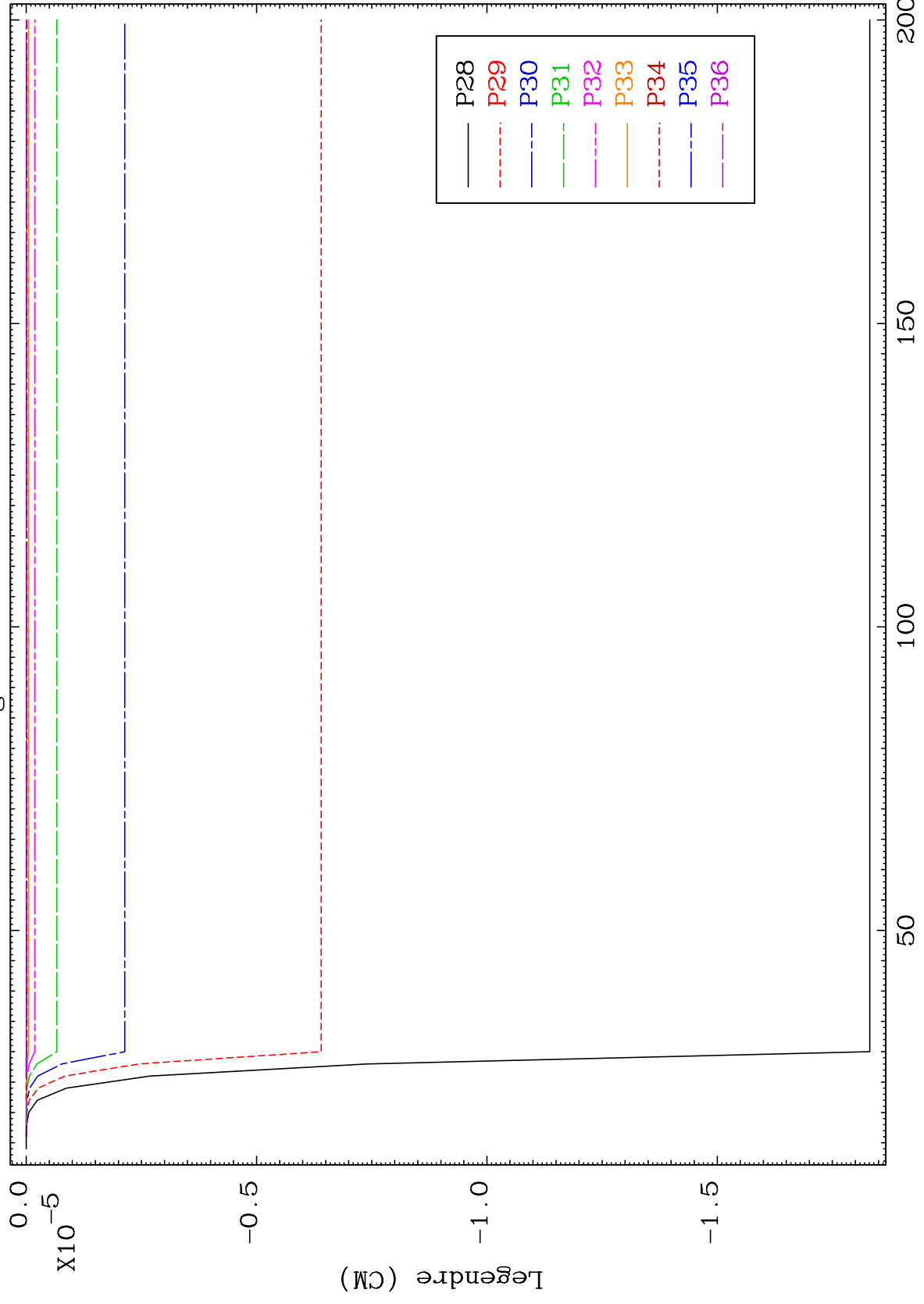
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

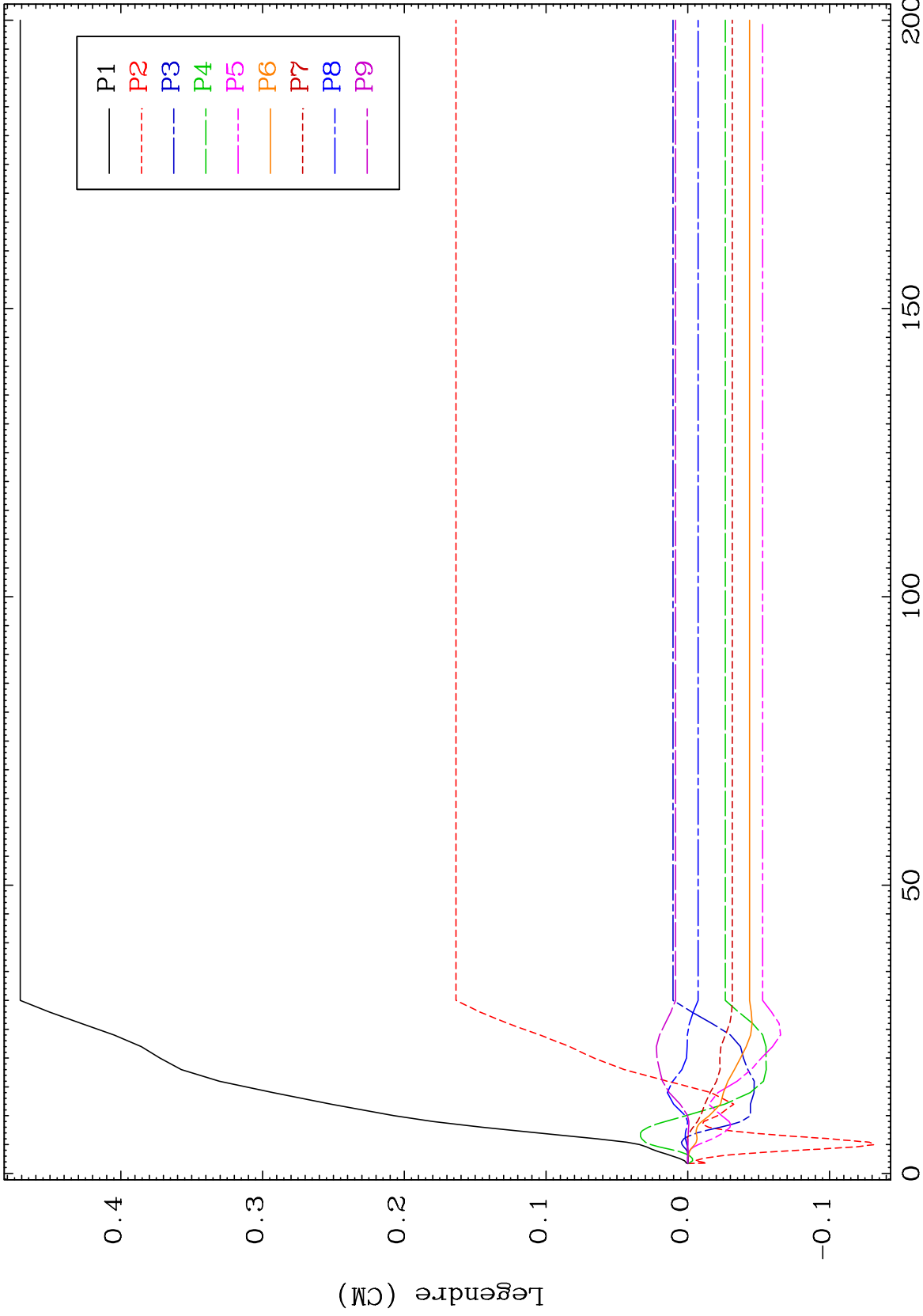
Incident Energy (MeV)

109

MAT 6649

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

66-Dy-164



66-Dy-164

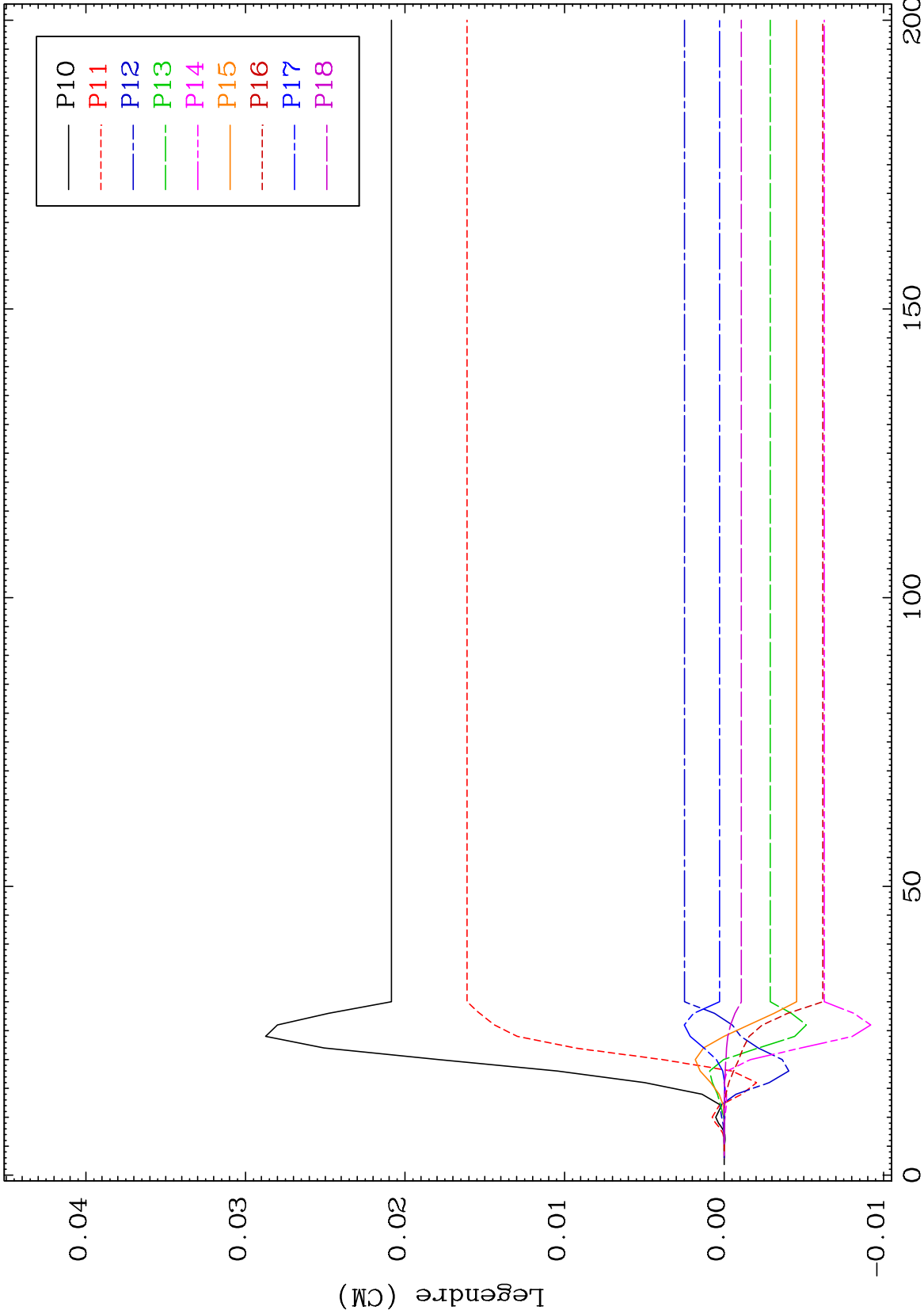
Incident Energy (MeV)

110

MAT 6649

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

66-Dy-164



111

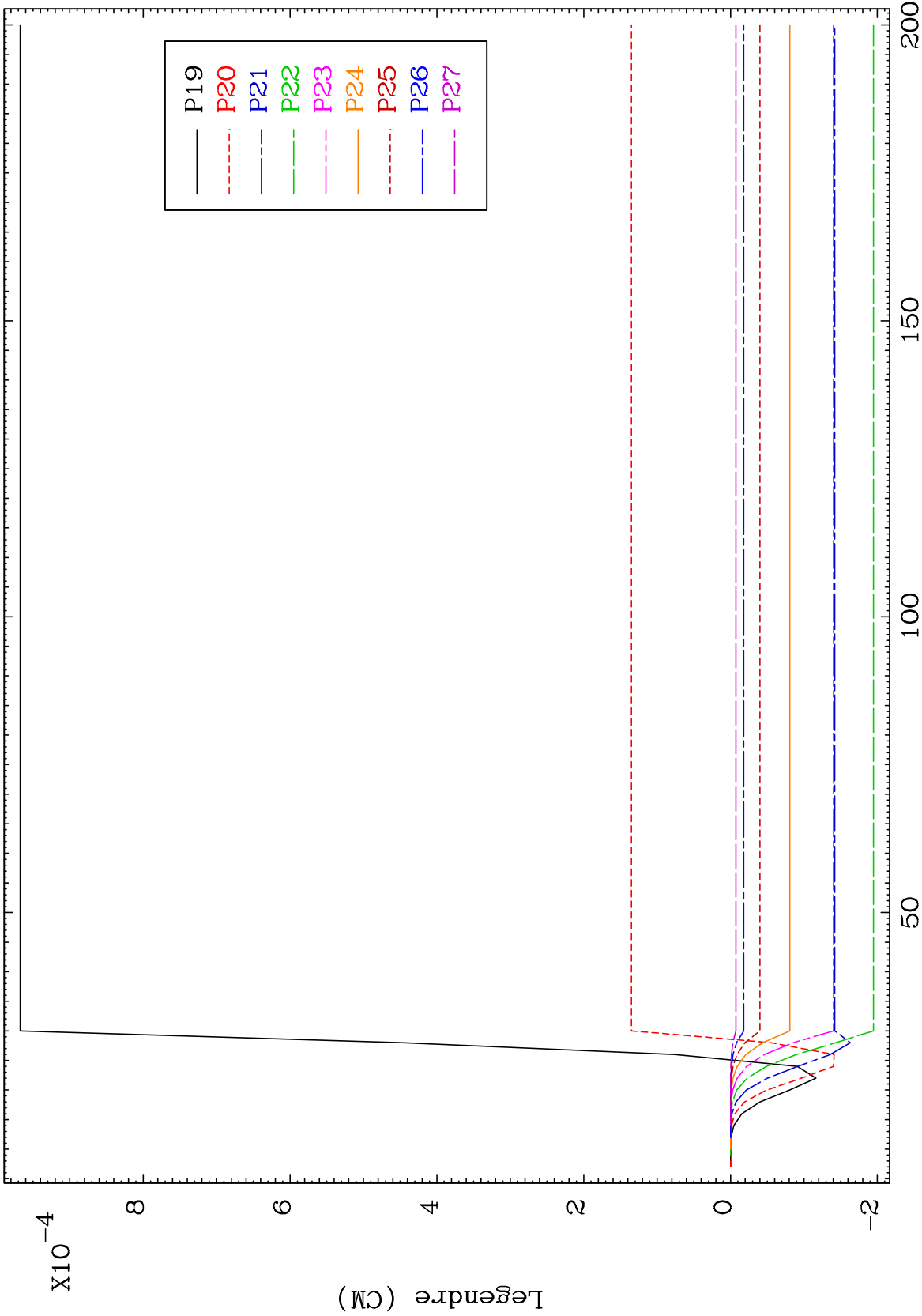
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



112

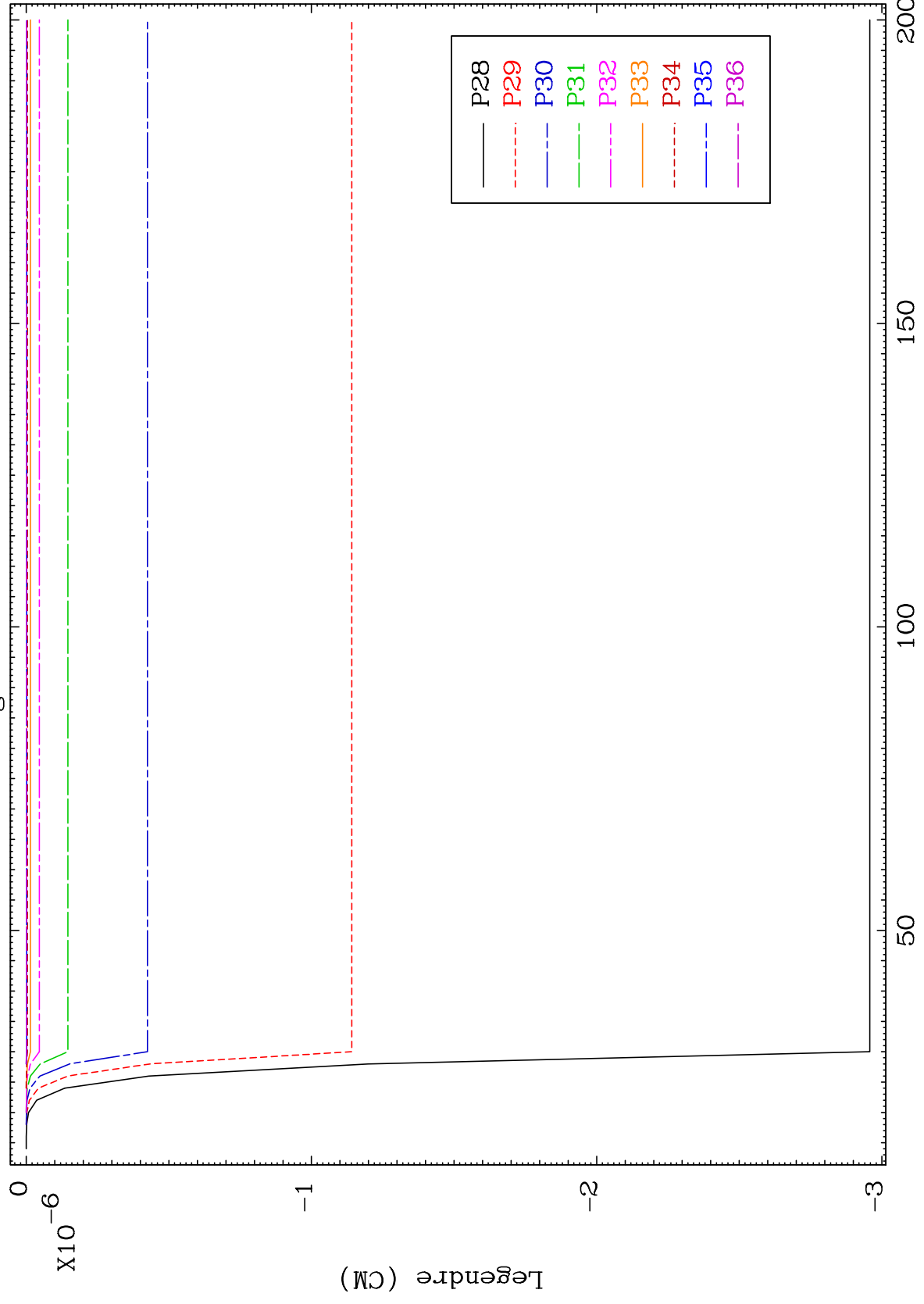
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

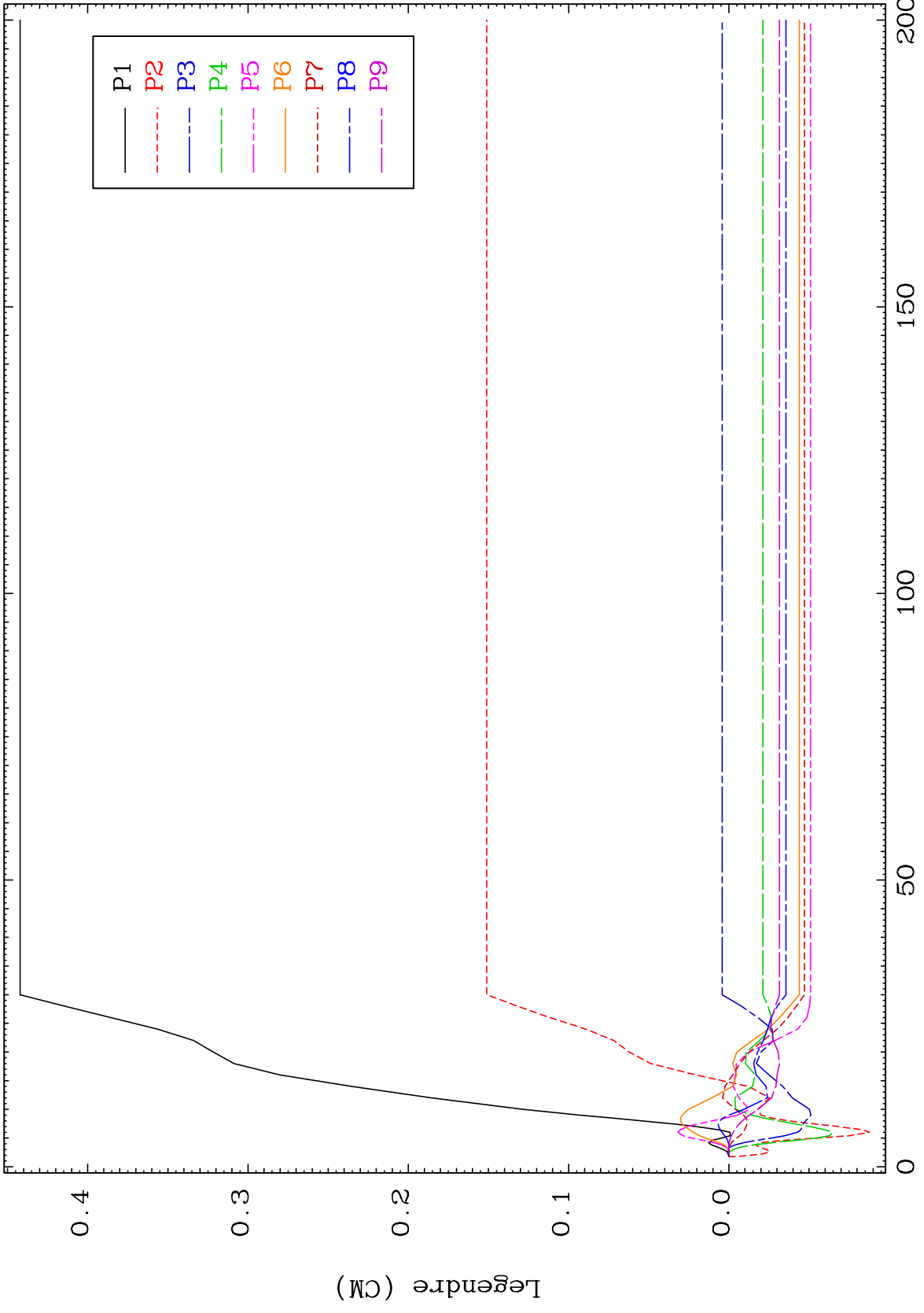
Incident Energy (MeV)

113

MAT 6649

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

66-Dy-164



114

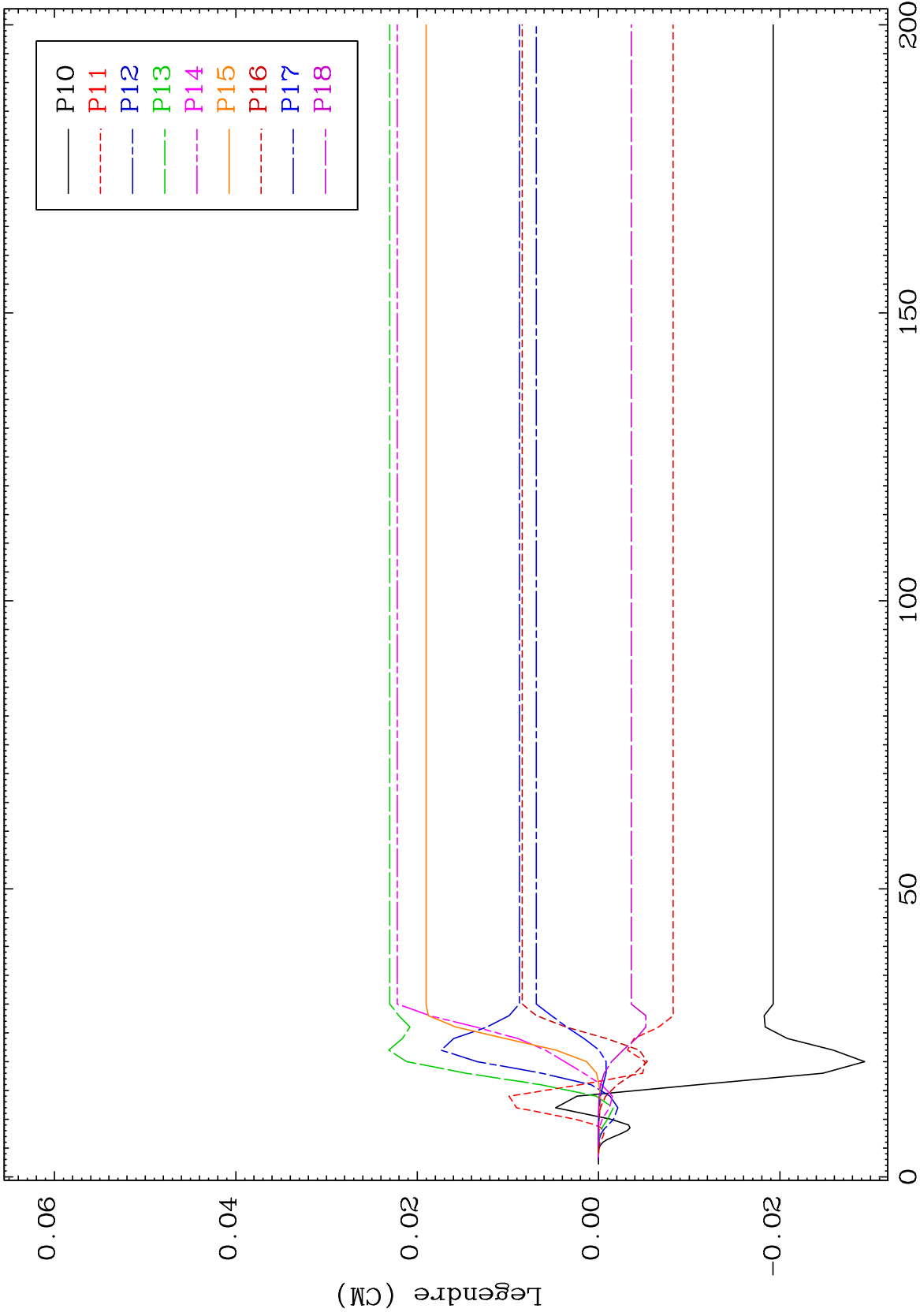
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164

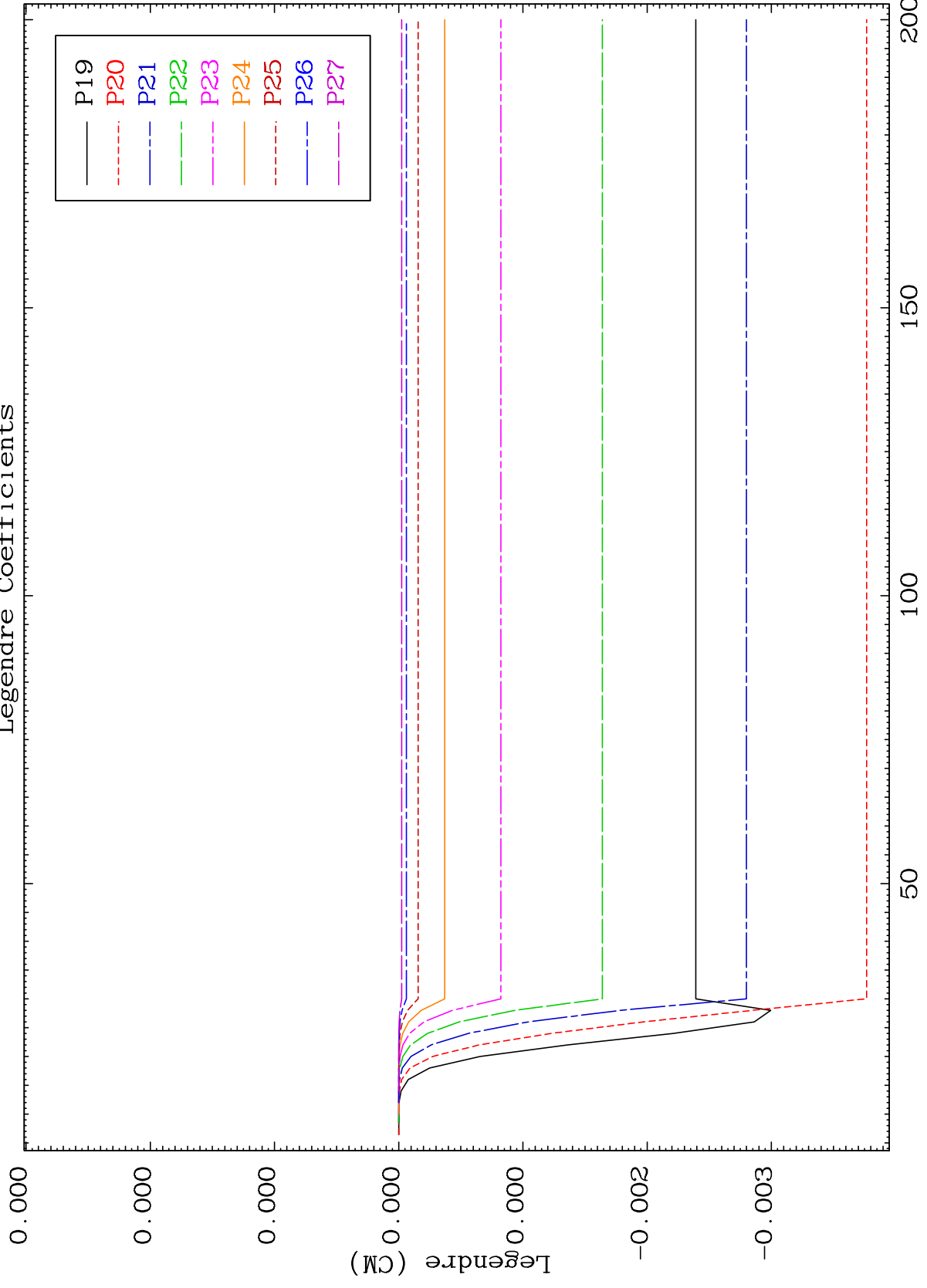


115

Incident Energy (MeV)

66-Dy-164

MAT 6649 MT= 77 (n,n') Level Legendre Coefficients 66-Dy-164

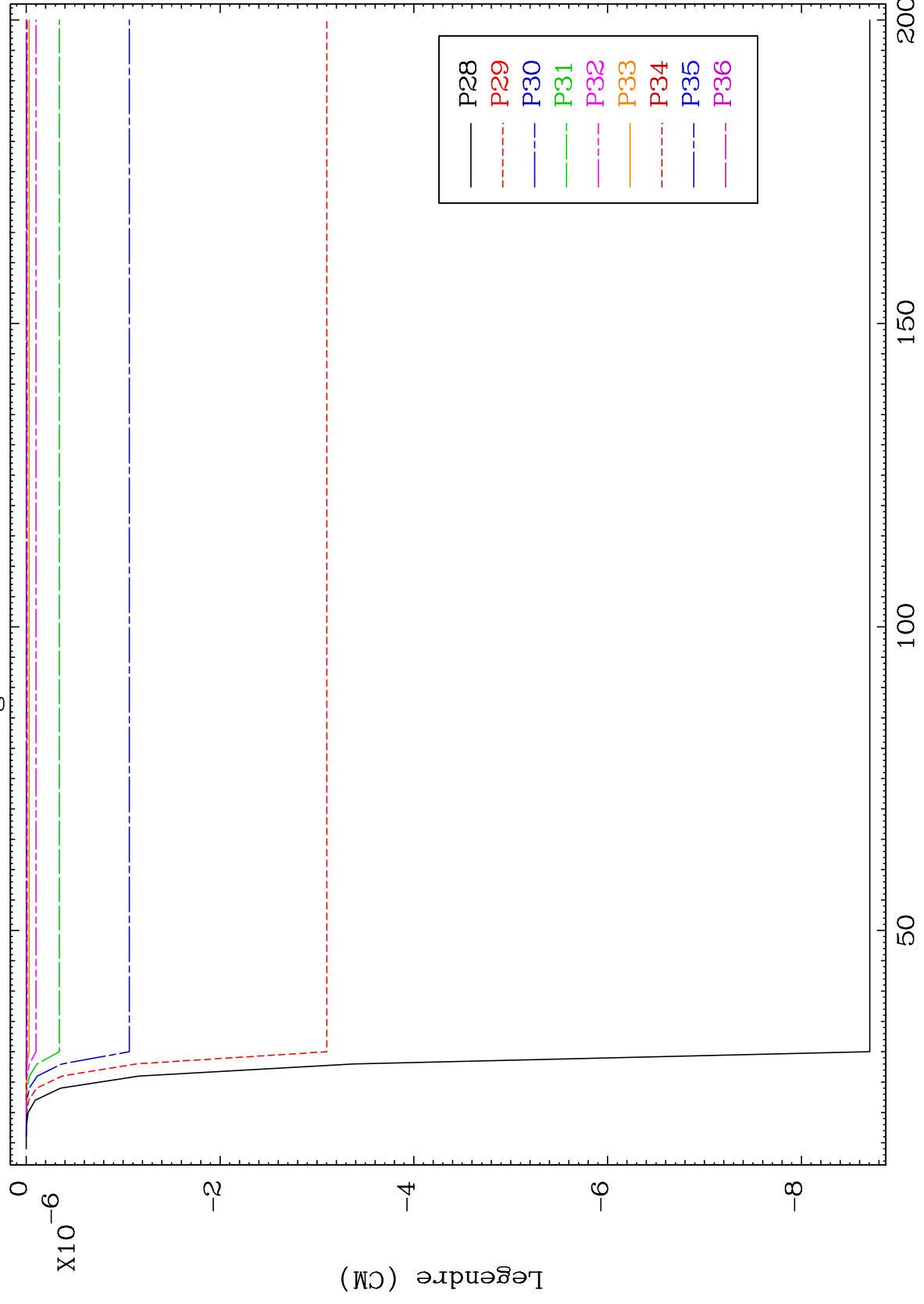


116 66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

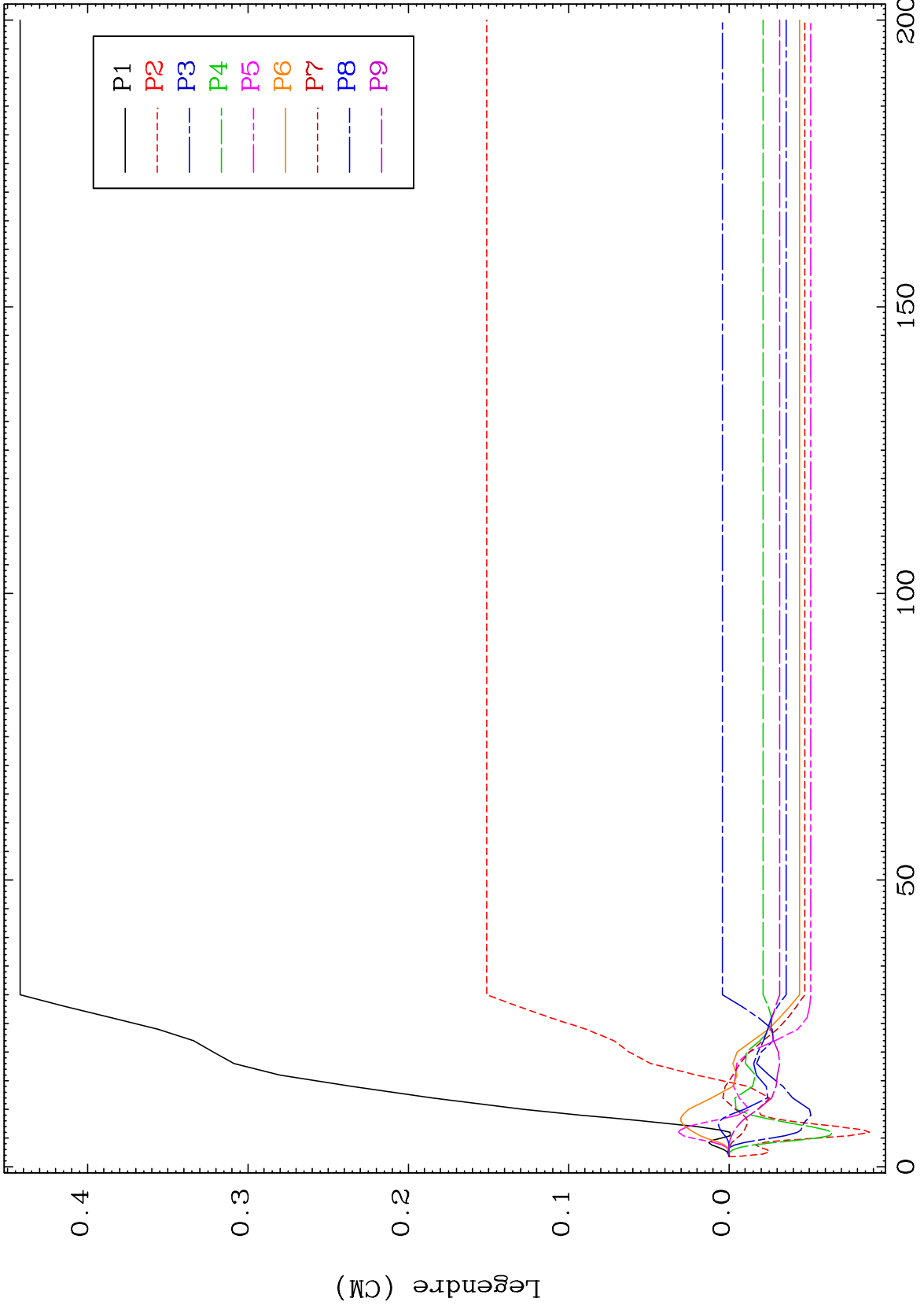
Incident Energy (MeV)

117

MAT 6649

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

66-Dy-164



118

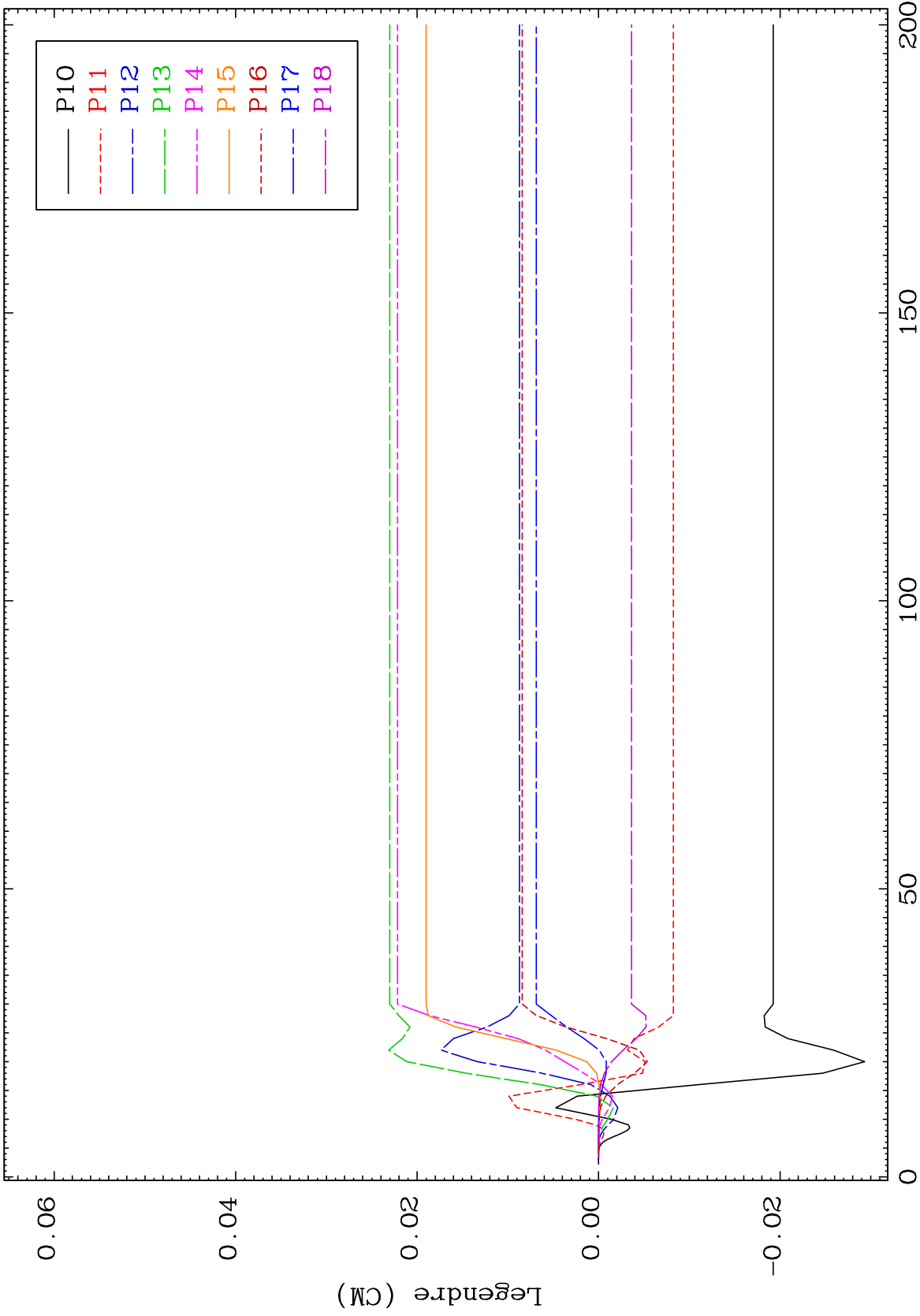
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164

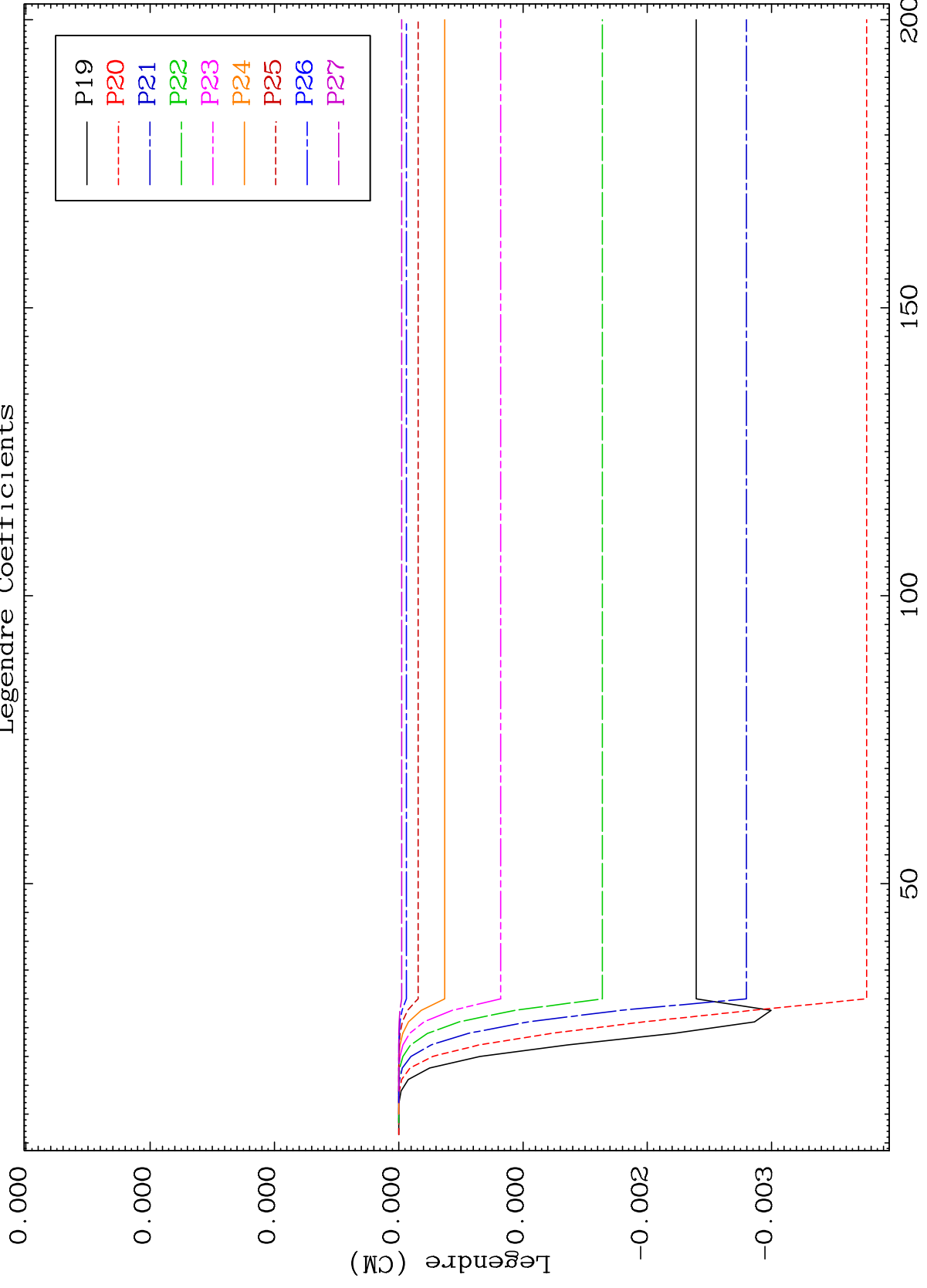


119

Incident Energy (MeV)

66-Dy-164

MAT 6649 MT= 78 (n,n') Level Legendre Coefficients 66-Dy-164

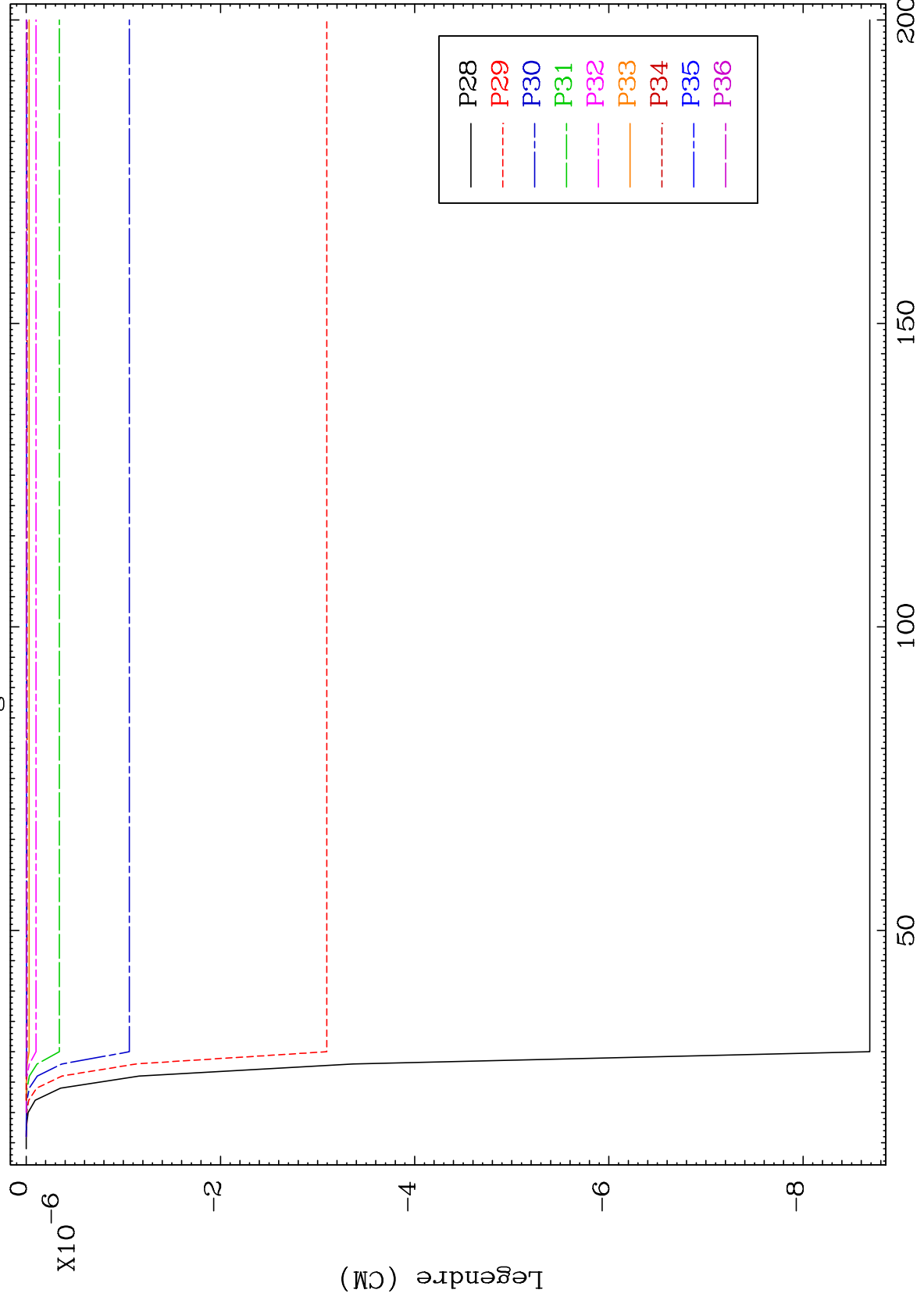


120 50 100 150 200 Incident Energy (MeV) 66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

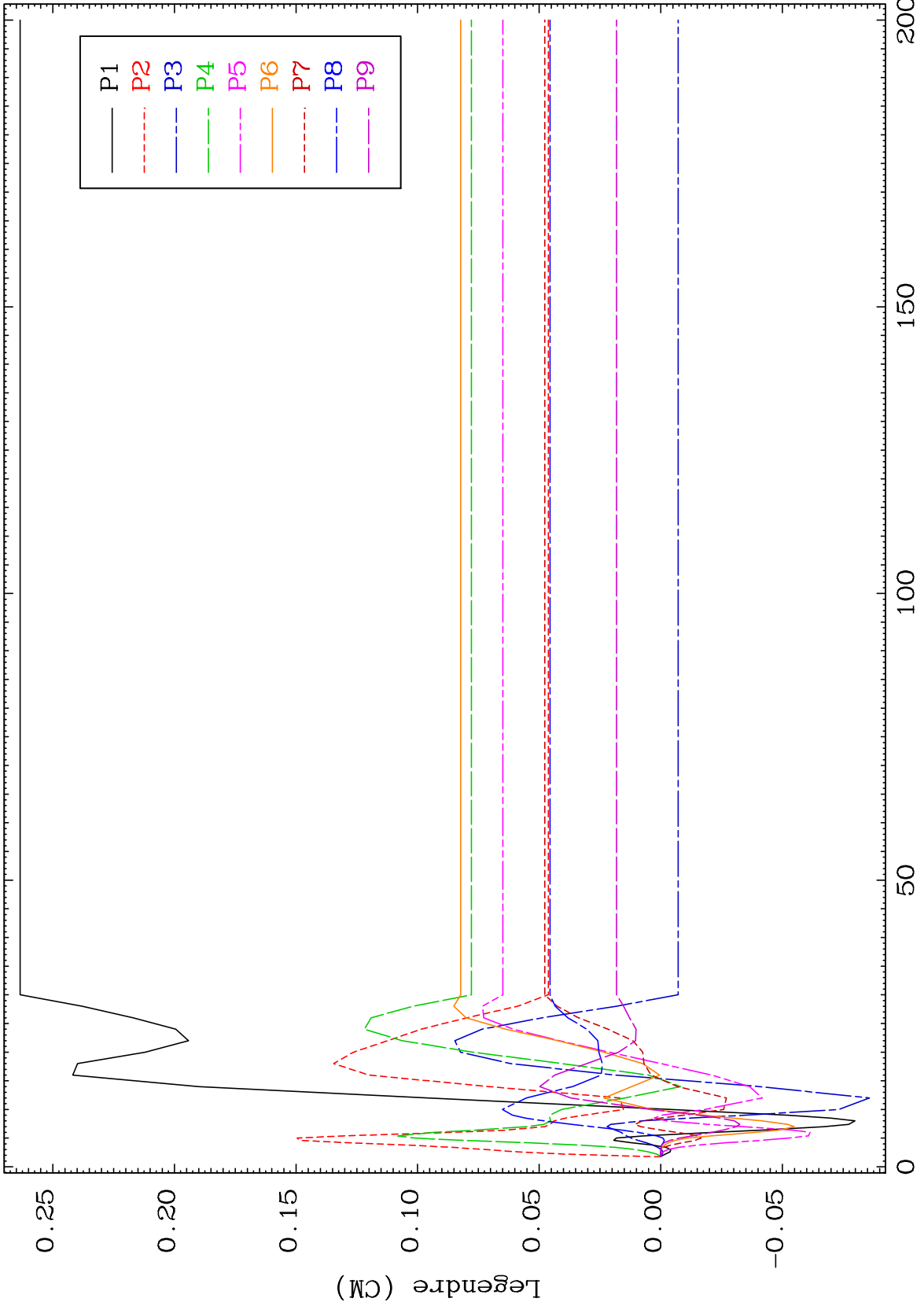
Incident Energy (MeV)

121

MAT 6649

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

66-Dy-164



122

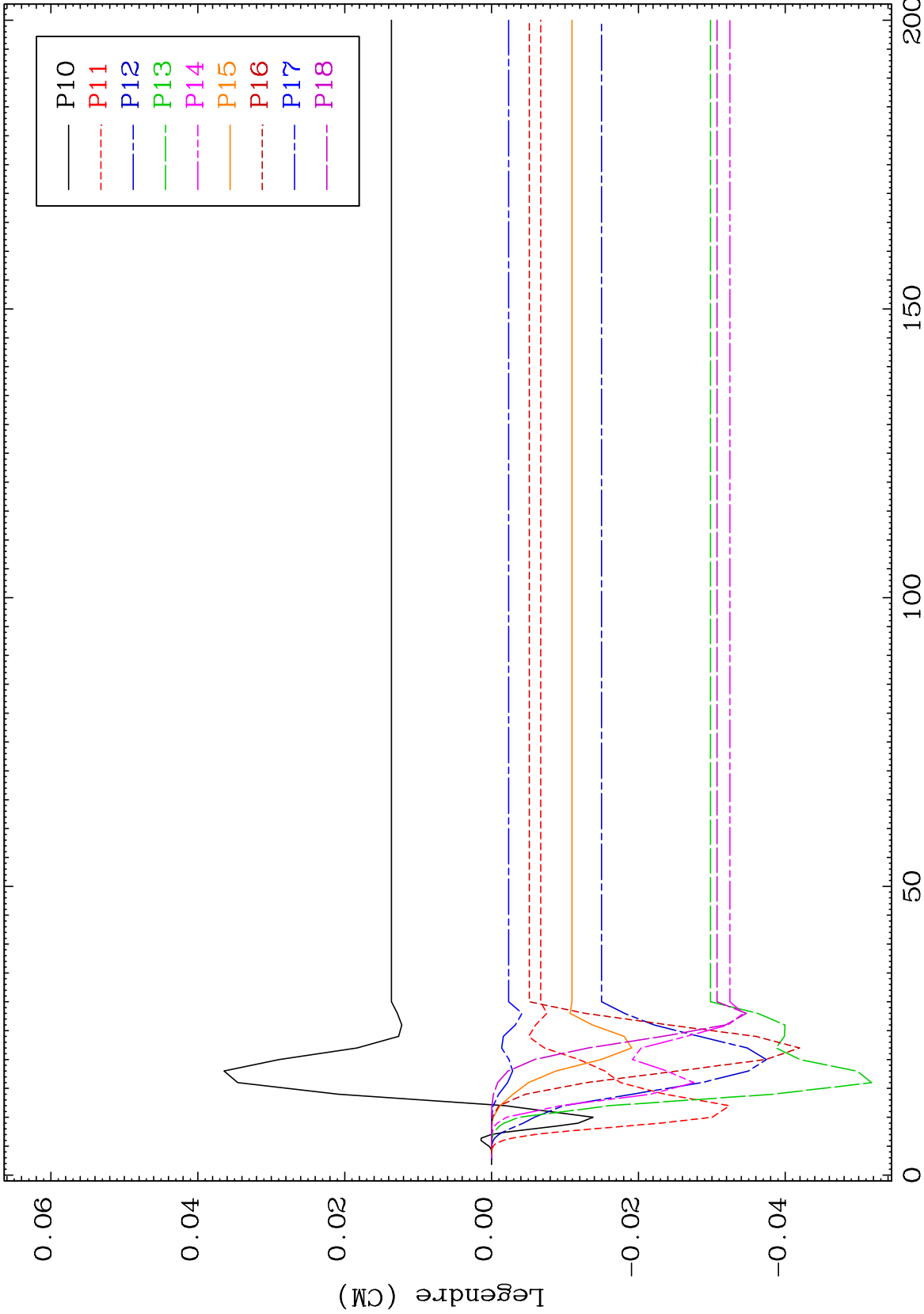
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



123

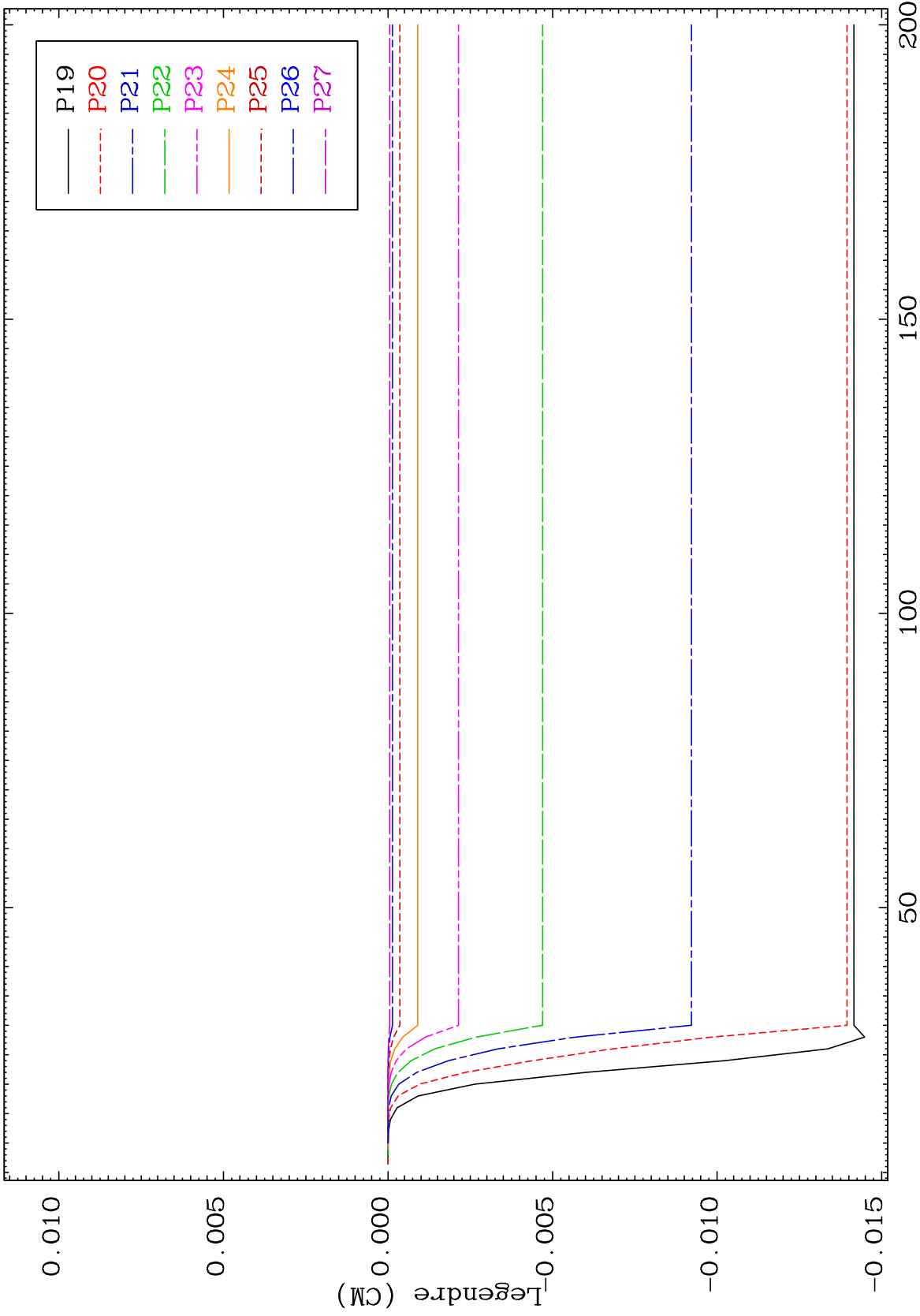
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



124

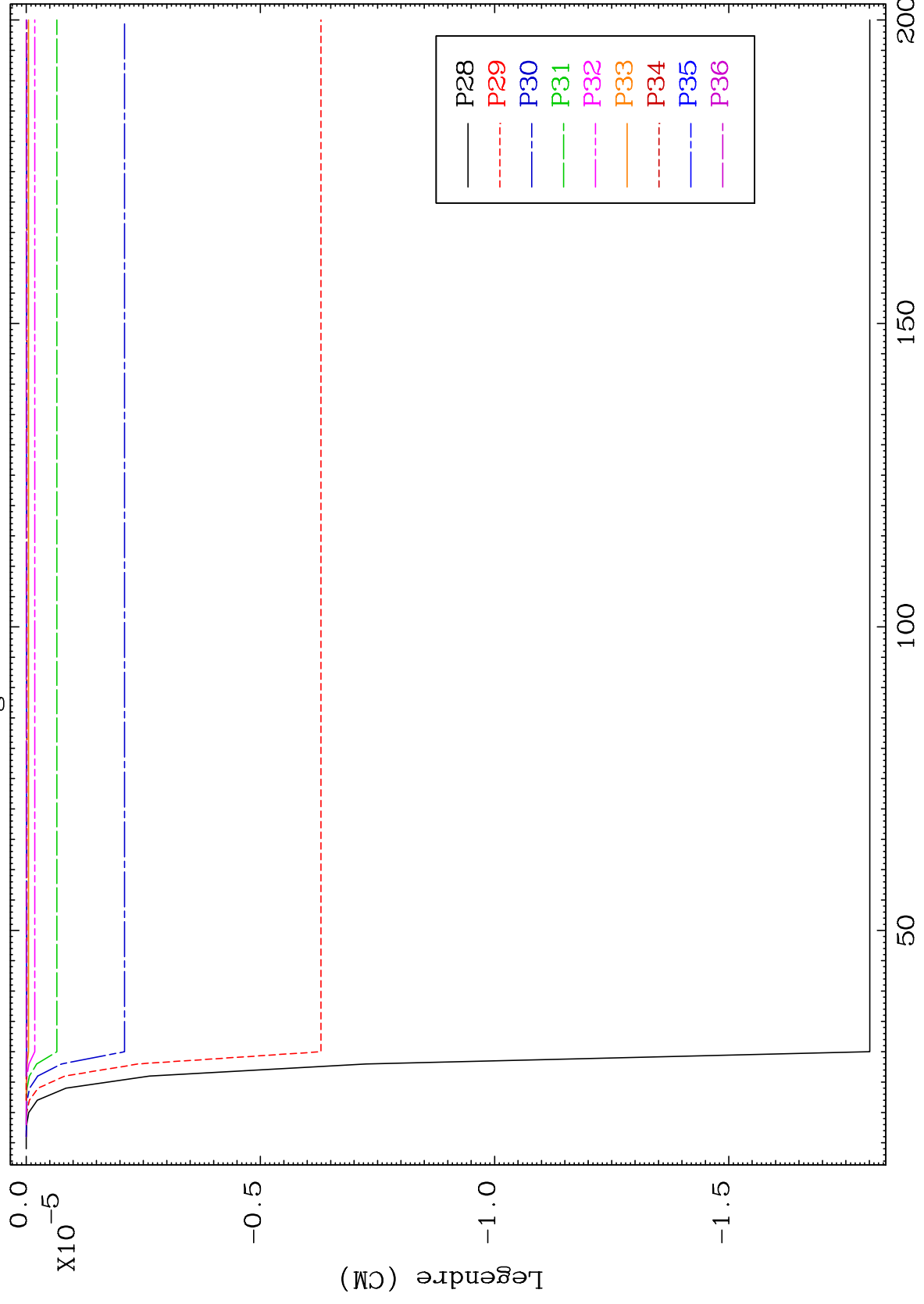
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

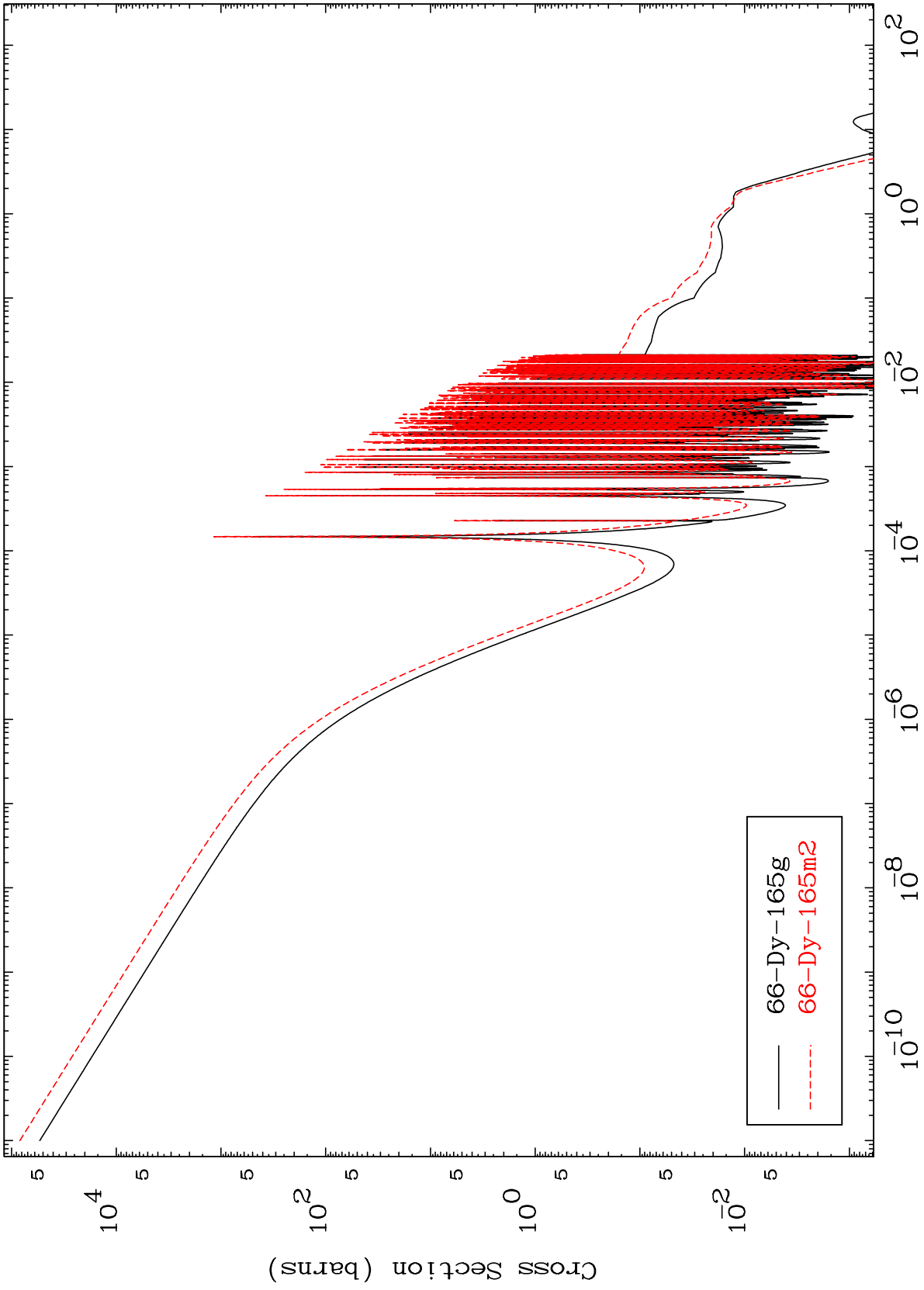
Incident Energy (MeV)

125

MAT 6649

66-Dy-164

(n,γ)
Radionuclide Production Cross Section



126

66-Dy-164