

Program EVALPLOT
(Version 2018-1)

by

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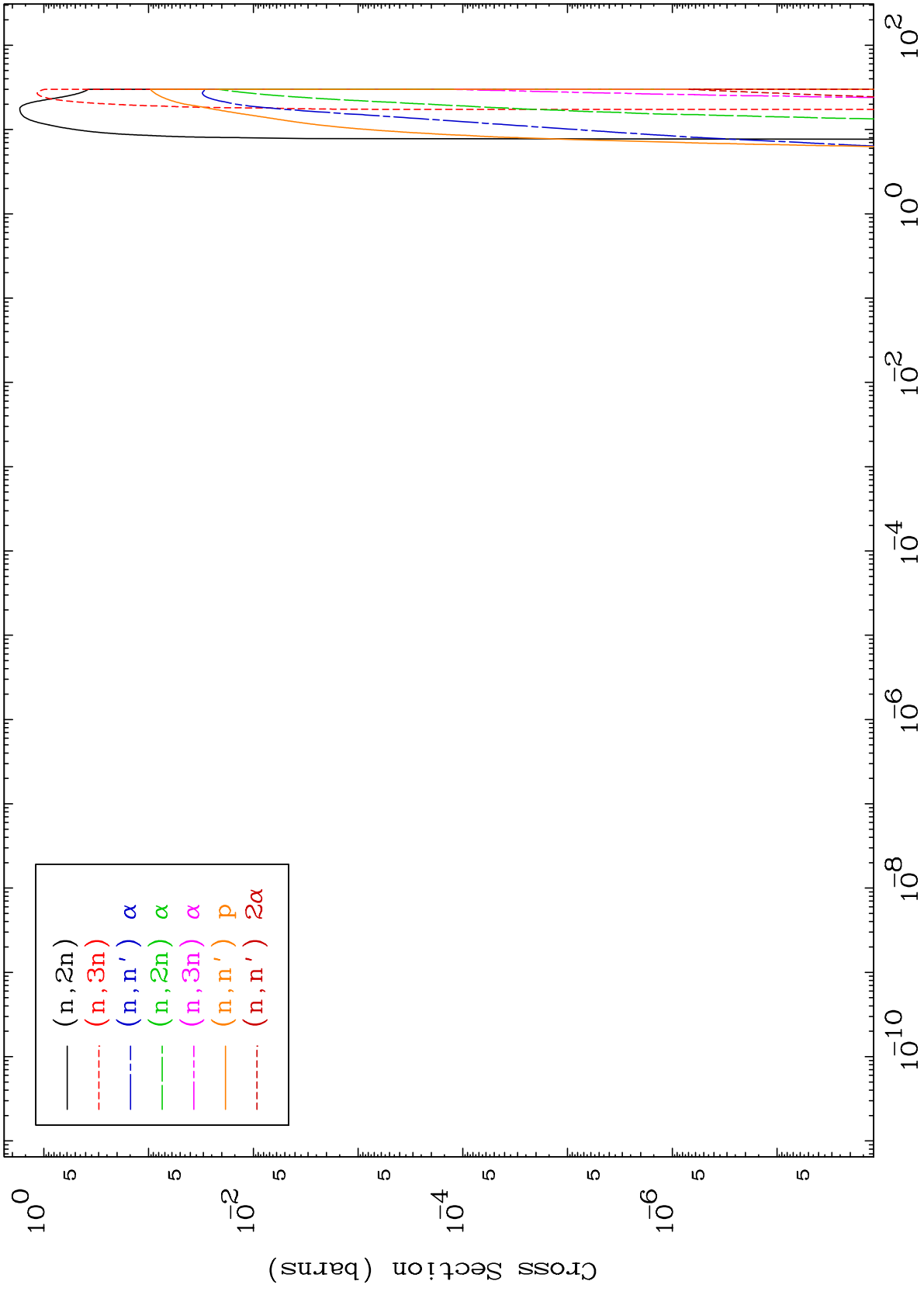
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7104

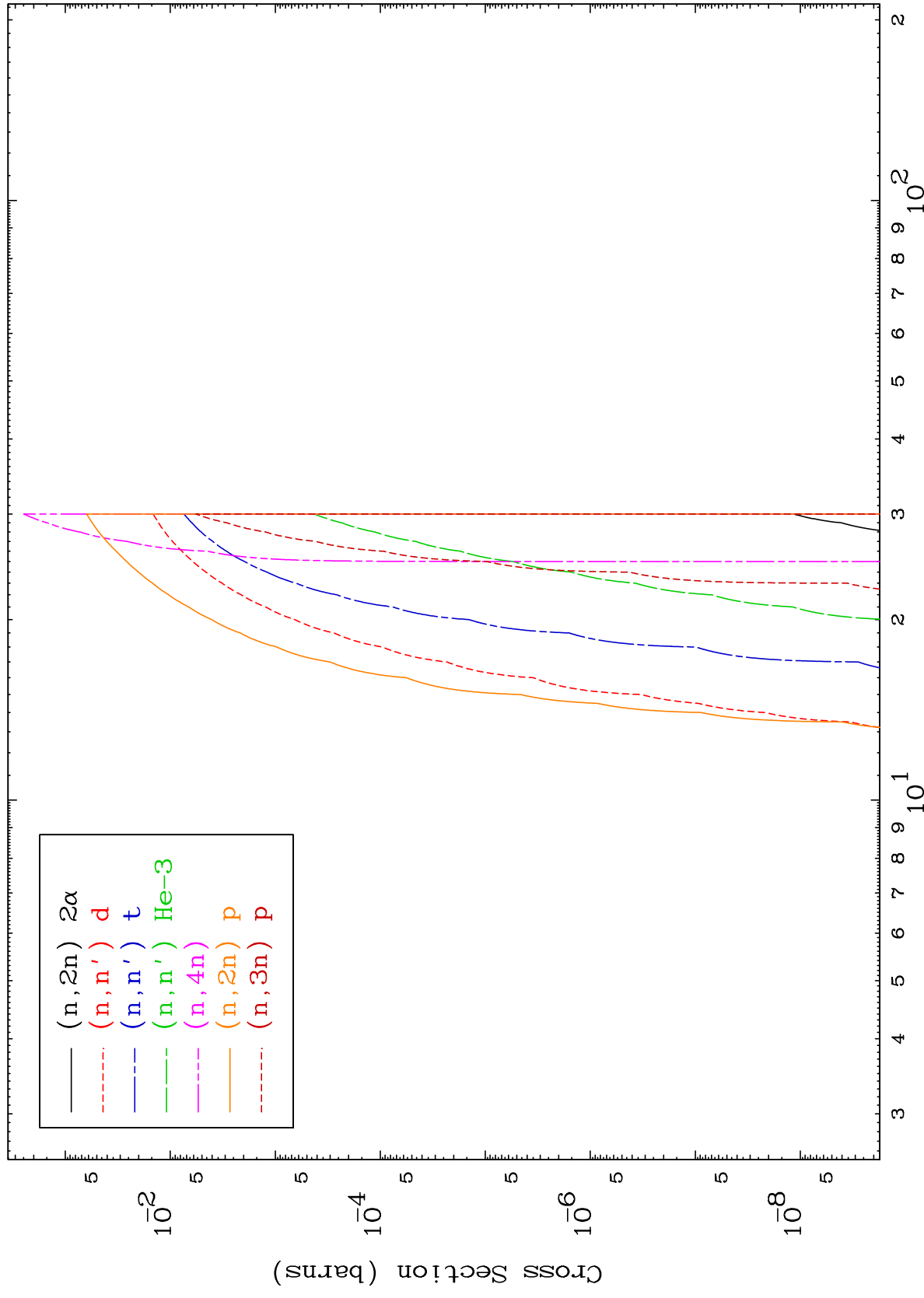
Neutron Production
293 Kelvin Cross Sections

71-Lu-168



2

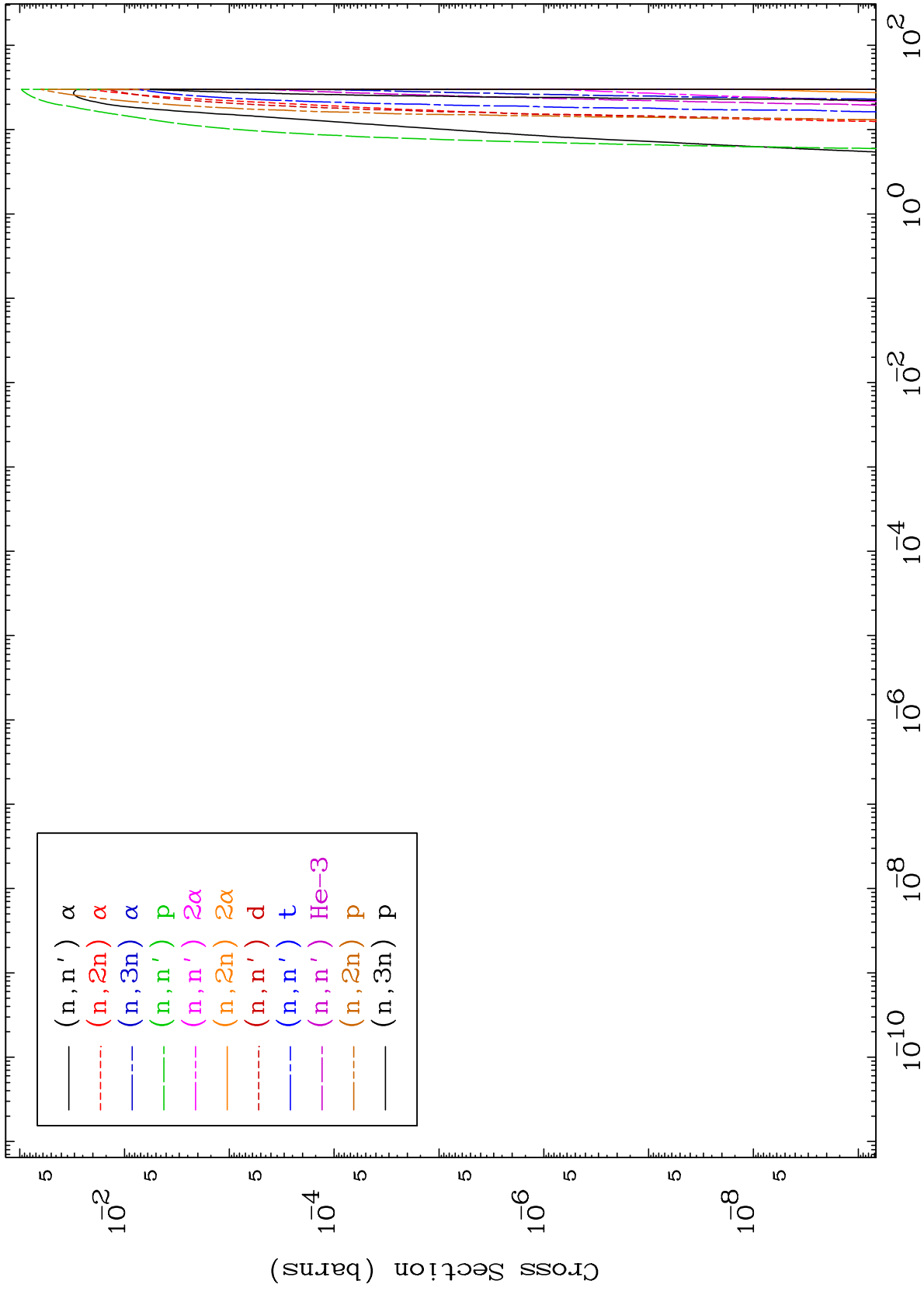
71-Lu-168



MAT 7104

293 Charged Particle
Kelvin Cross Sections

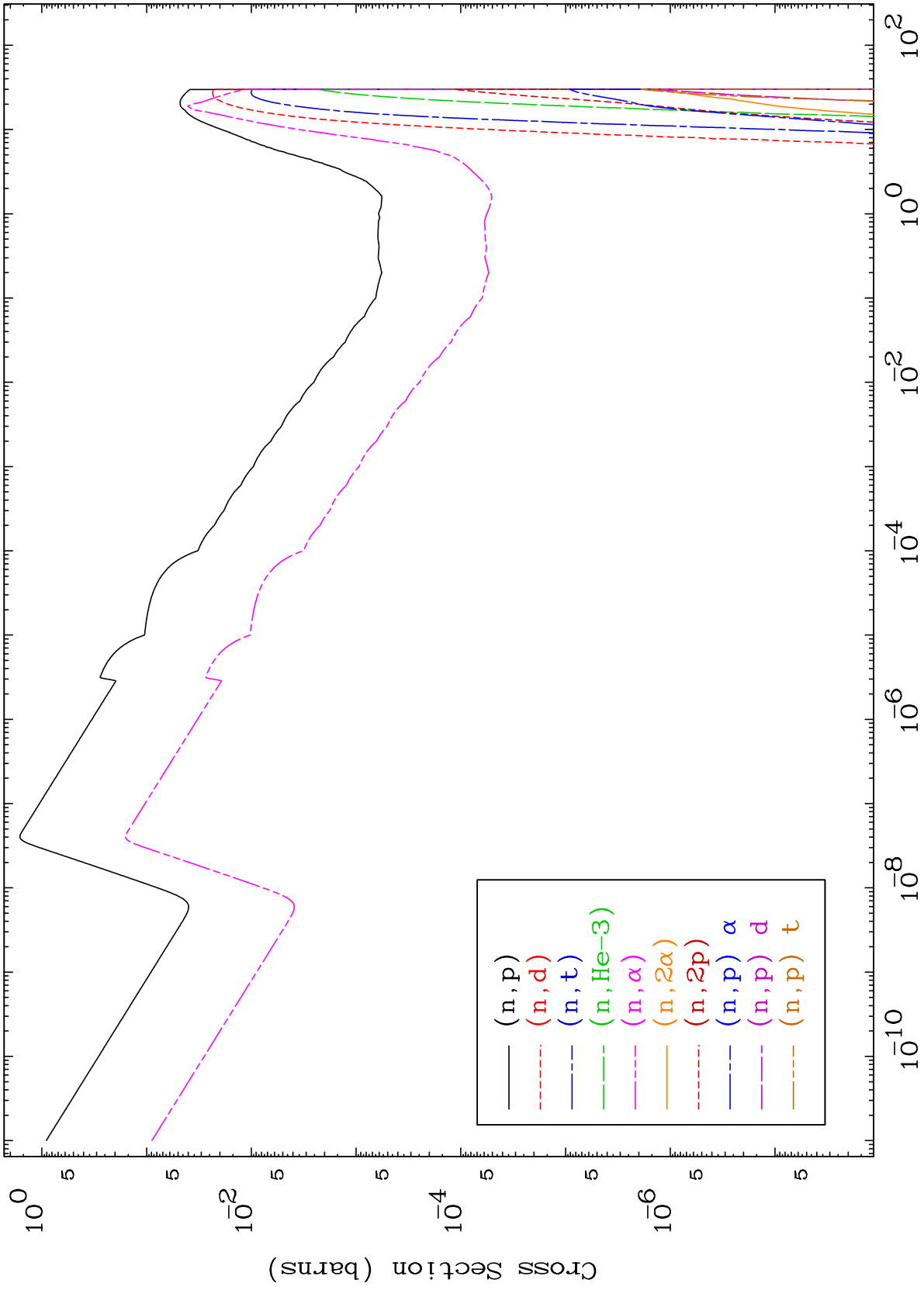
71-Lu-168



MAT 7104

293 Kelvin Cross Sections

71-Lu-168



5

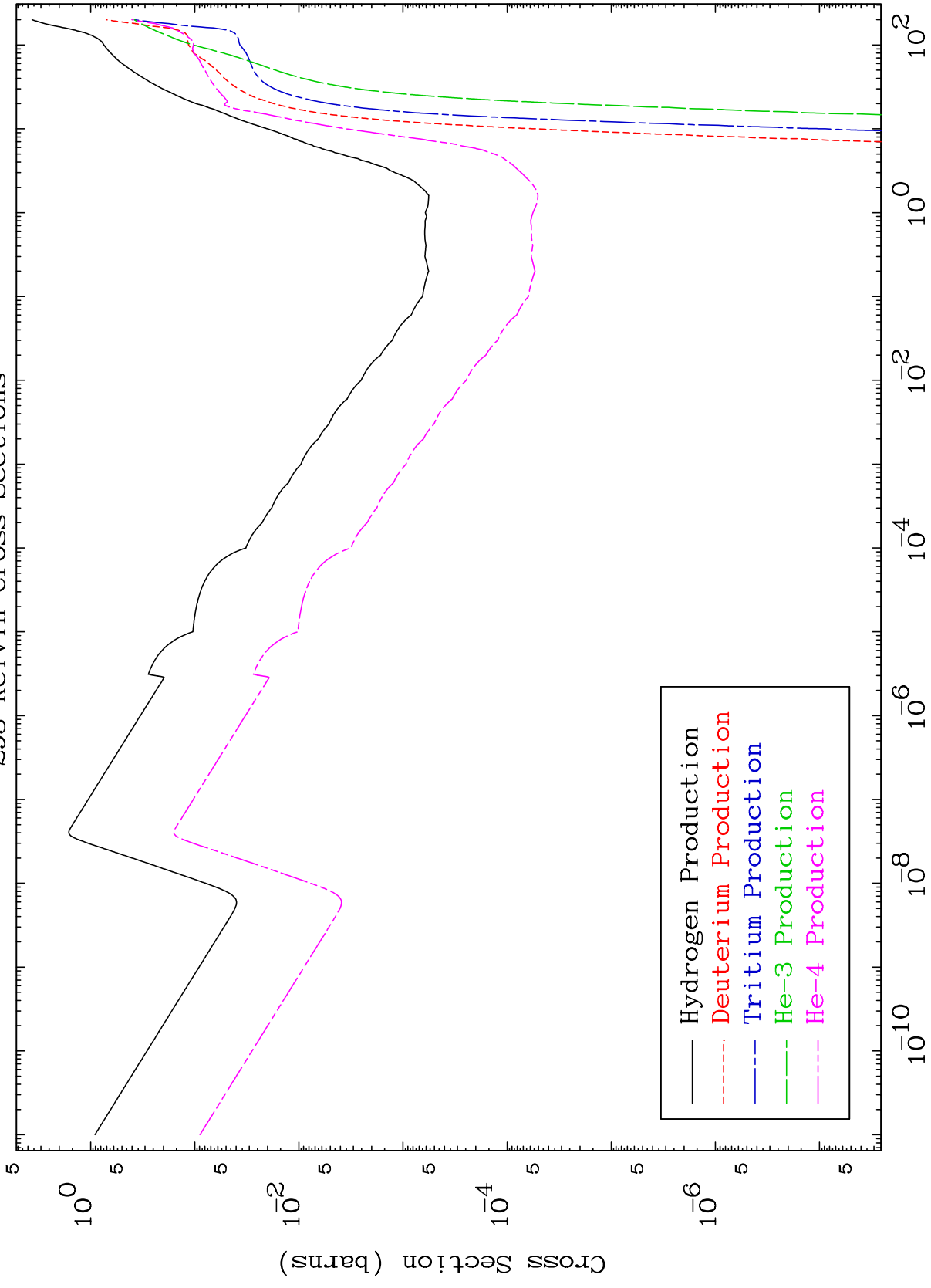
Incident Energy (MeV)

71-Lu-168

MAT 7104

Particle Production
293 Kelvin Cross Sections

71-Lu-168



6

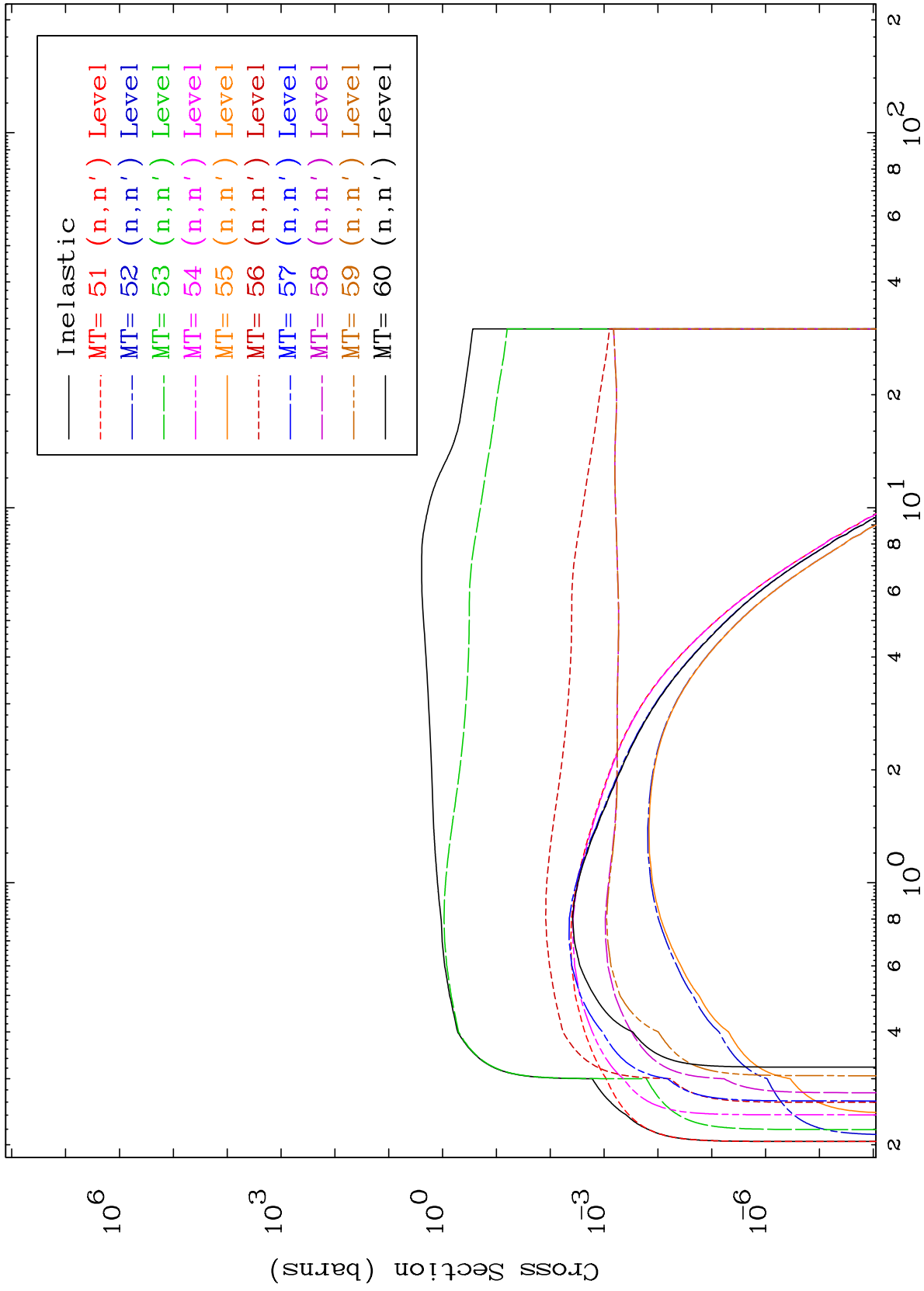
Incident Energy (MeV)

71-Lu-168

MAT 7104

(n,n') Level
293 Kelvin Cross Sections

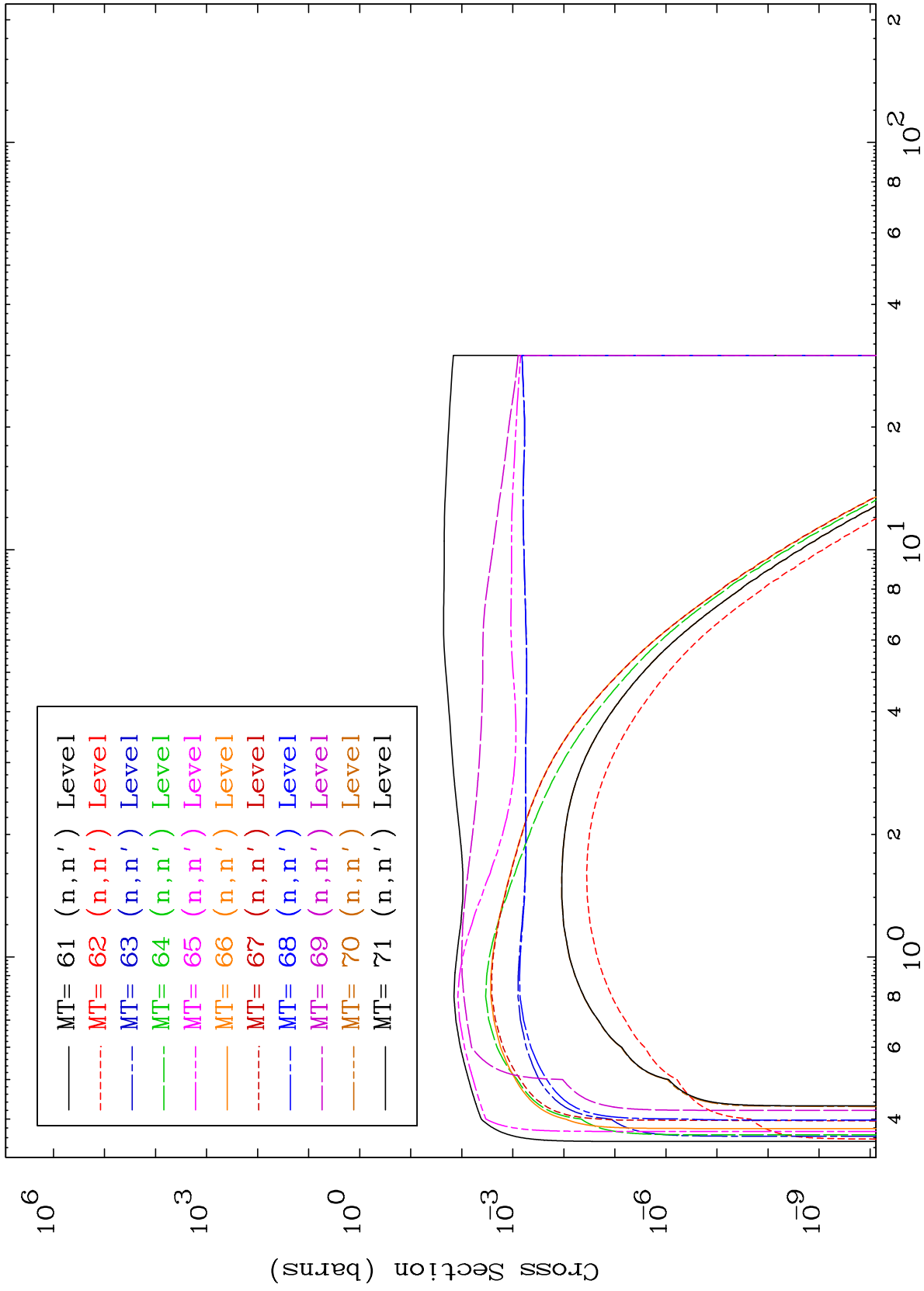
71-Lu-168



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Incident Energy (MeV)

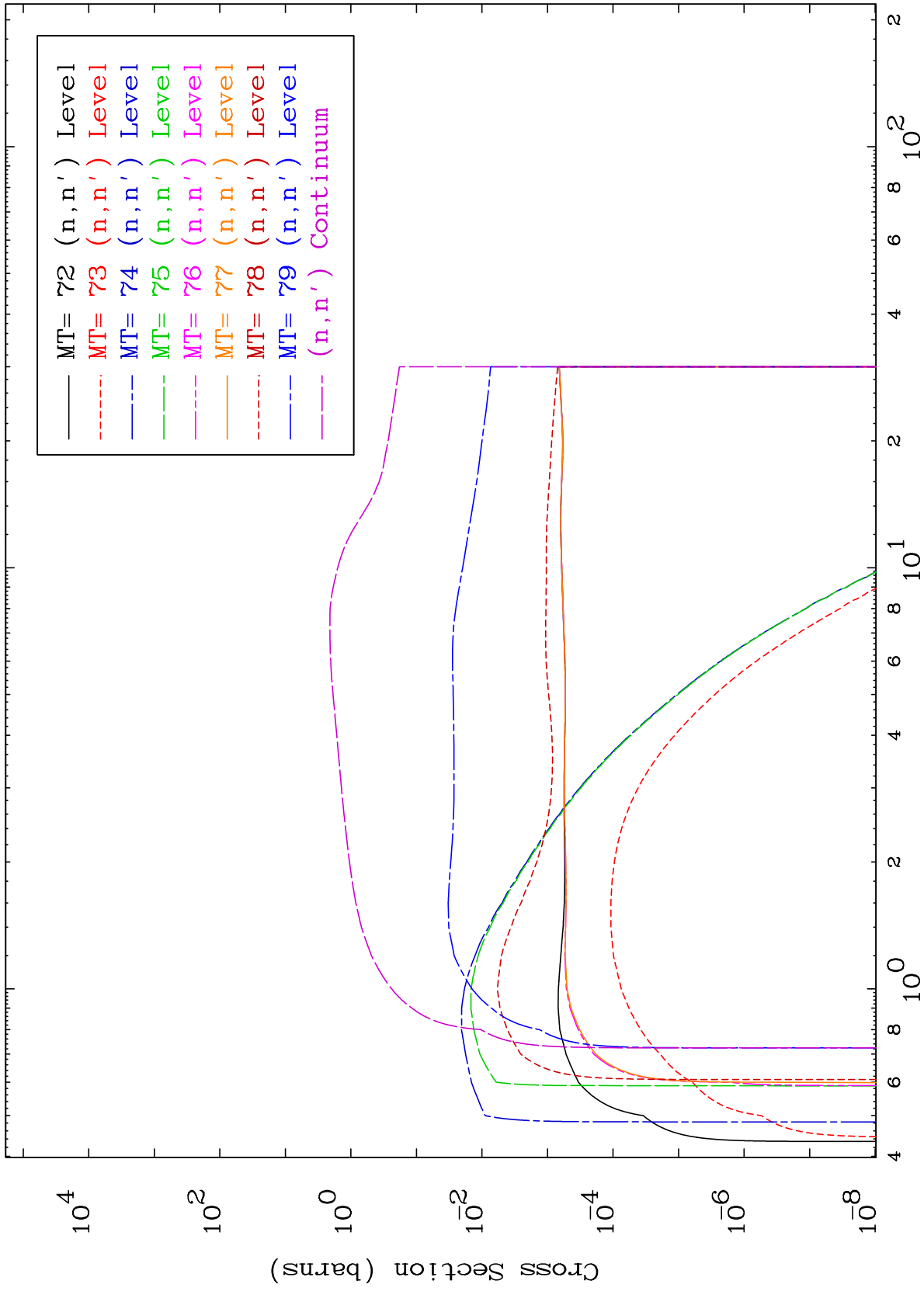
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MAT 7104

(n,n') Level
293 Kelvin Cross Sections

71-Lu-168



9

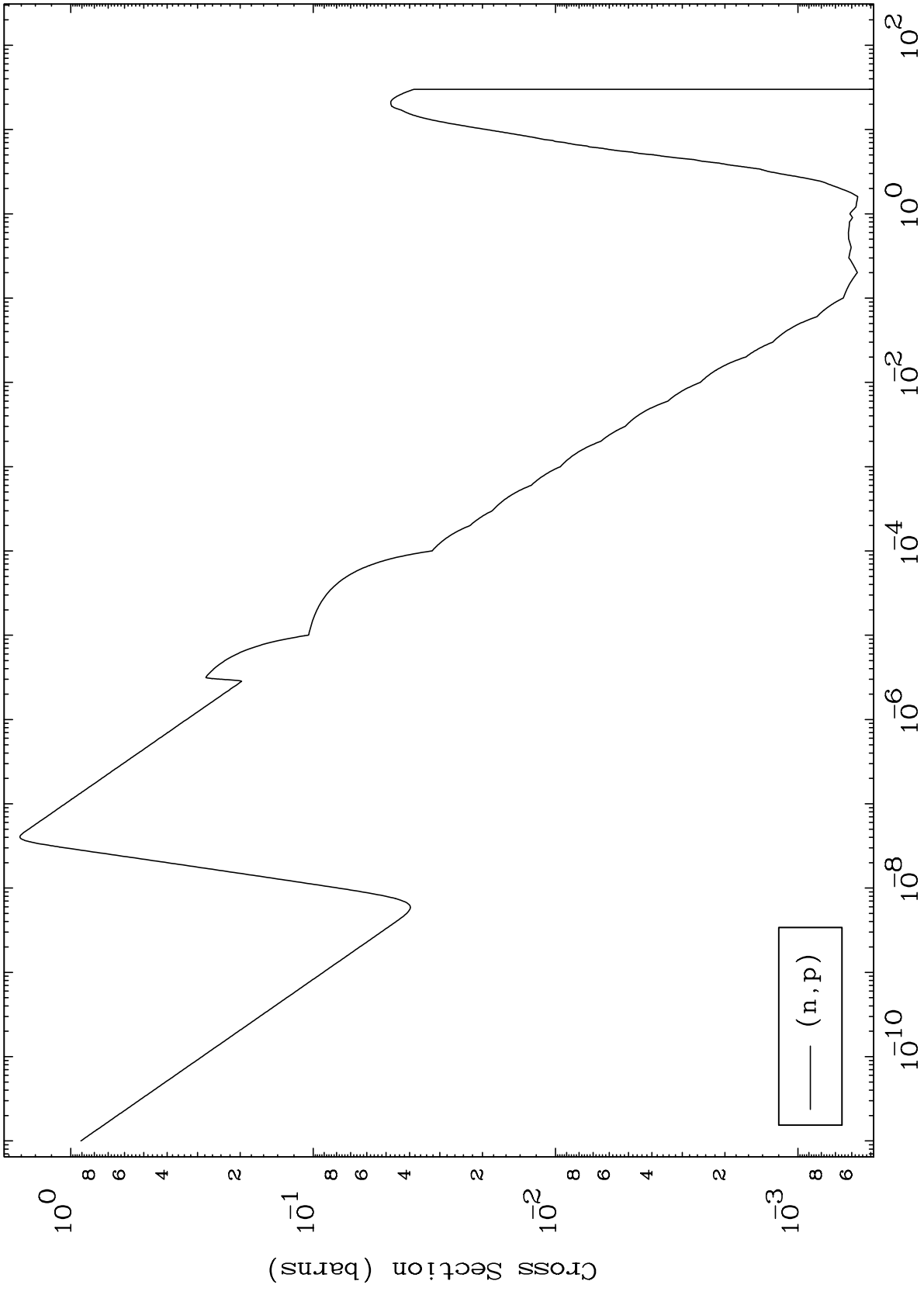
Incident Energy (MeV)

71-Lu-168

MAT 7104

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-168



10

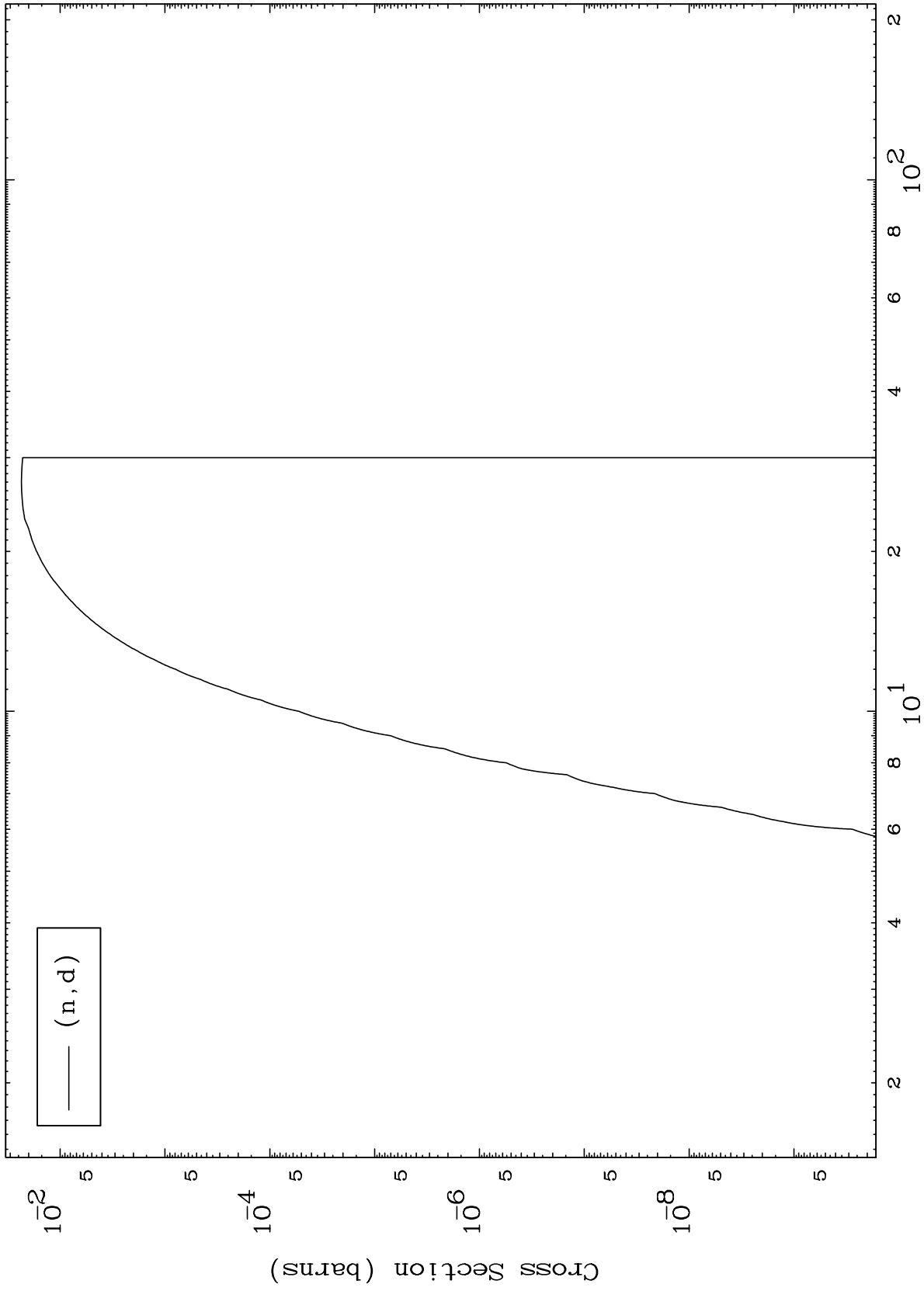
Incident Energy (MeV)

71-Lu-168

MAT 7104

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-168



11

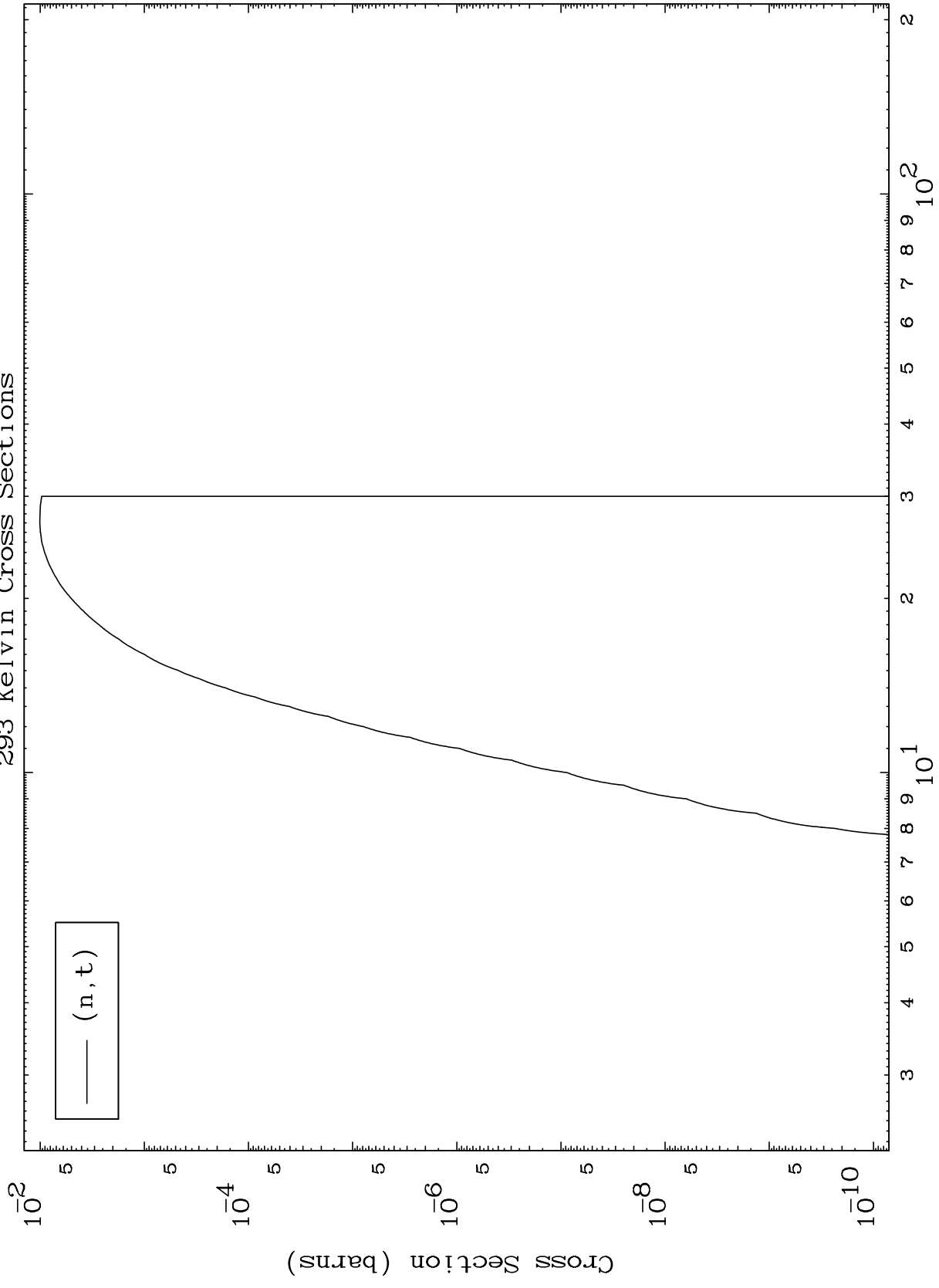
Incident Energy (MeV)

71-Lu-168

MAT 7104

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-168

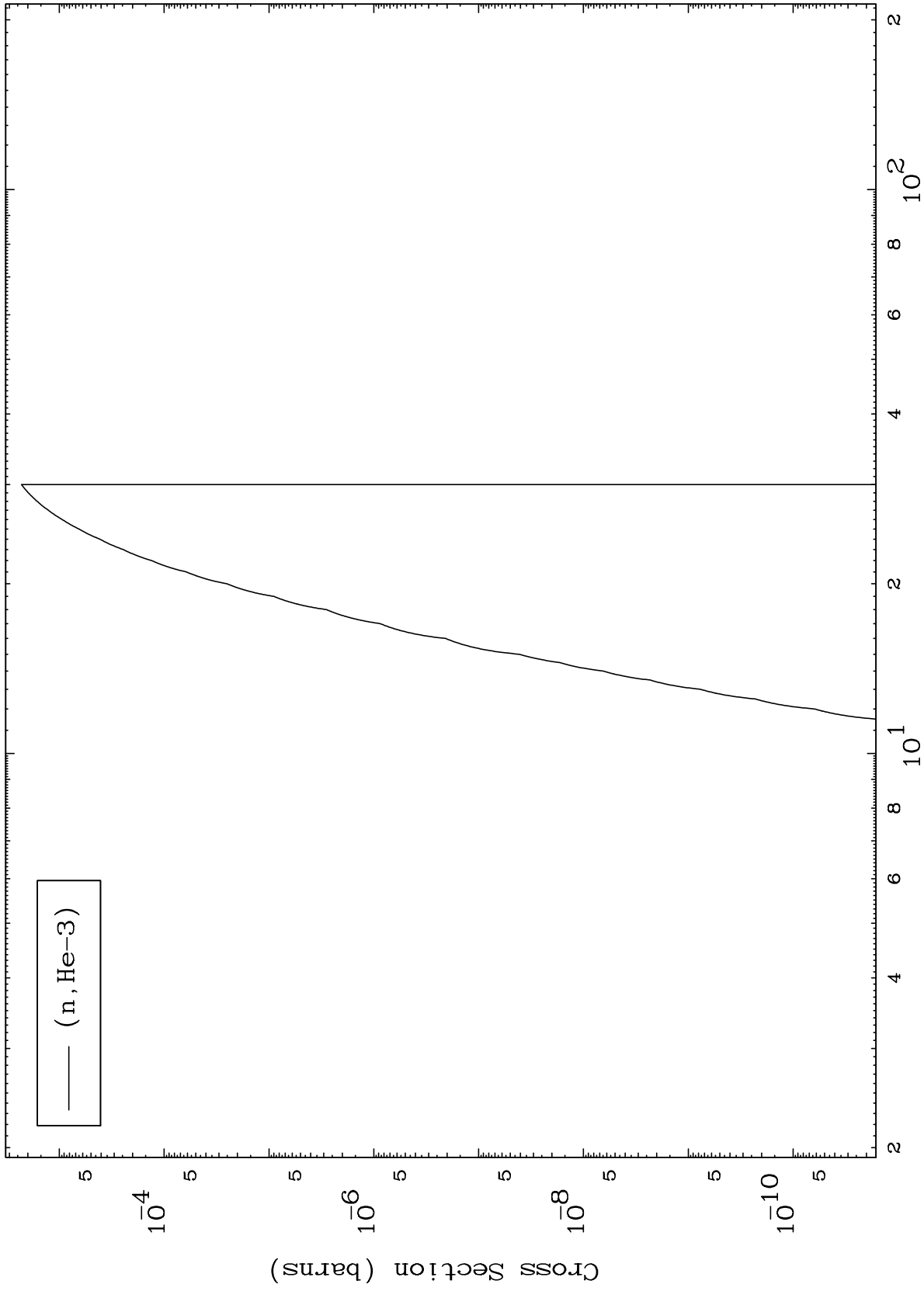


(n,t)

MAT 7104

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-168



13

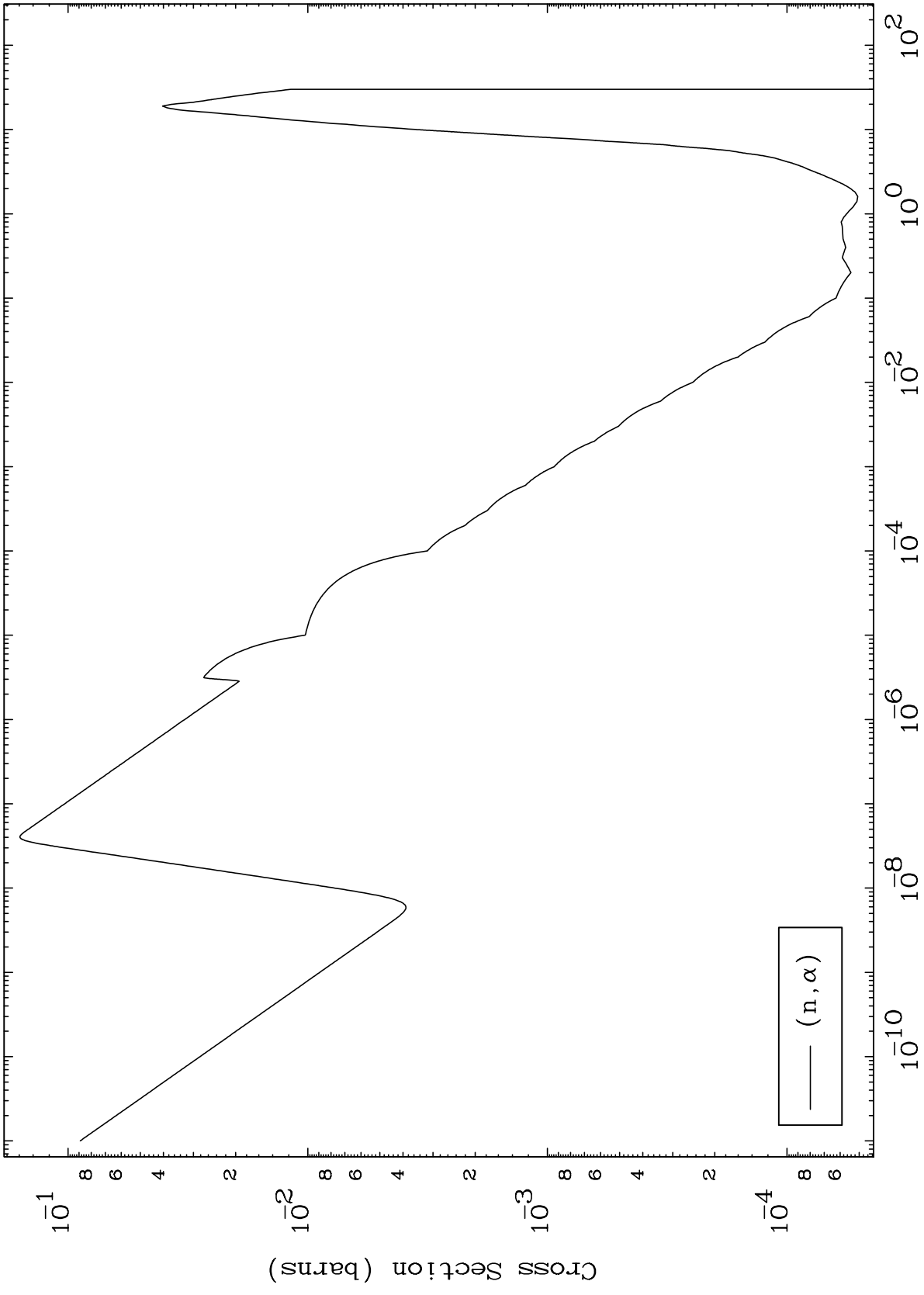
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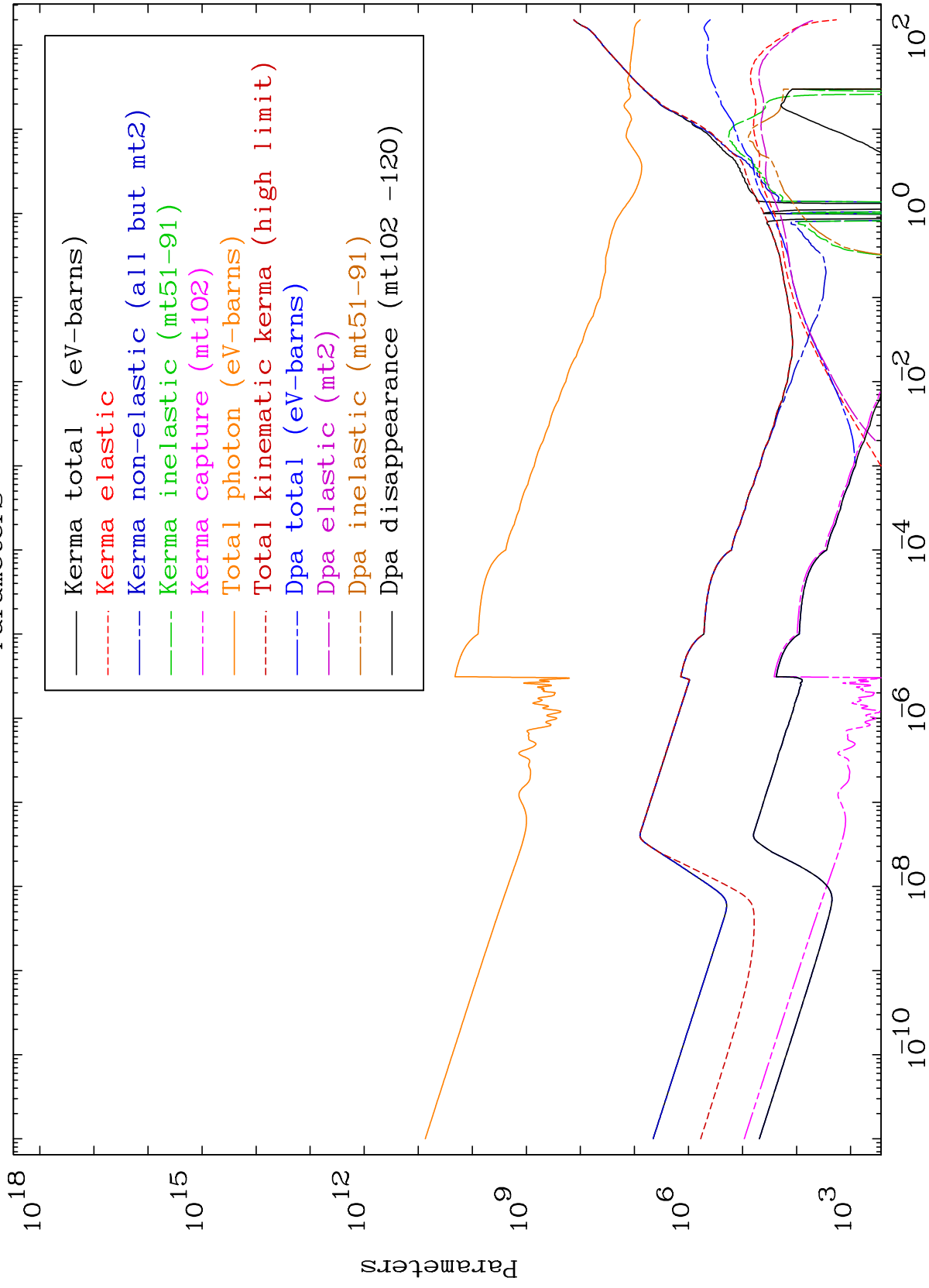
MAT 7104

(n,α) Levels
293 Kelvin Cross Sections

71-Lu-168



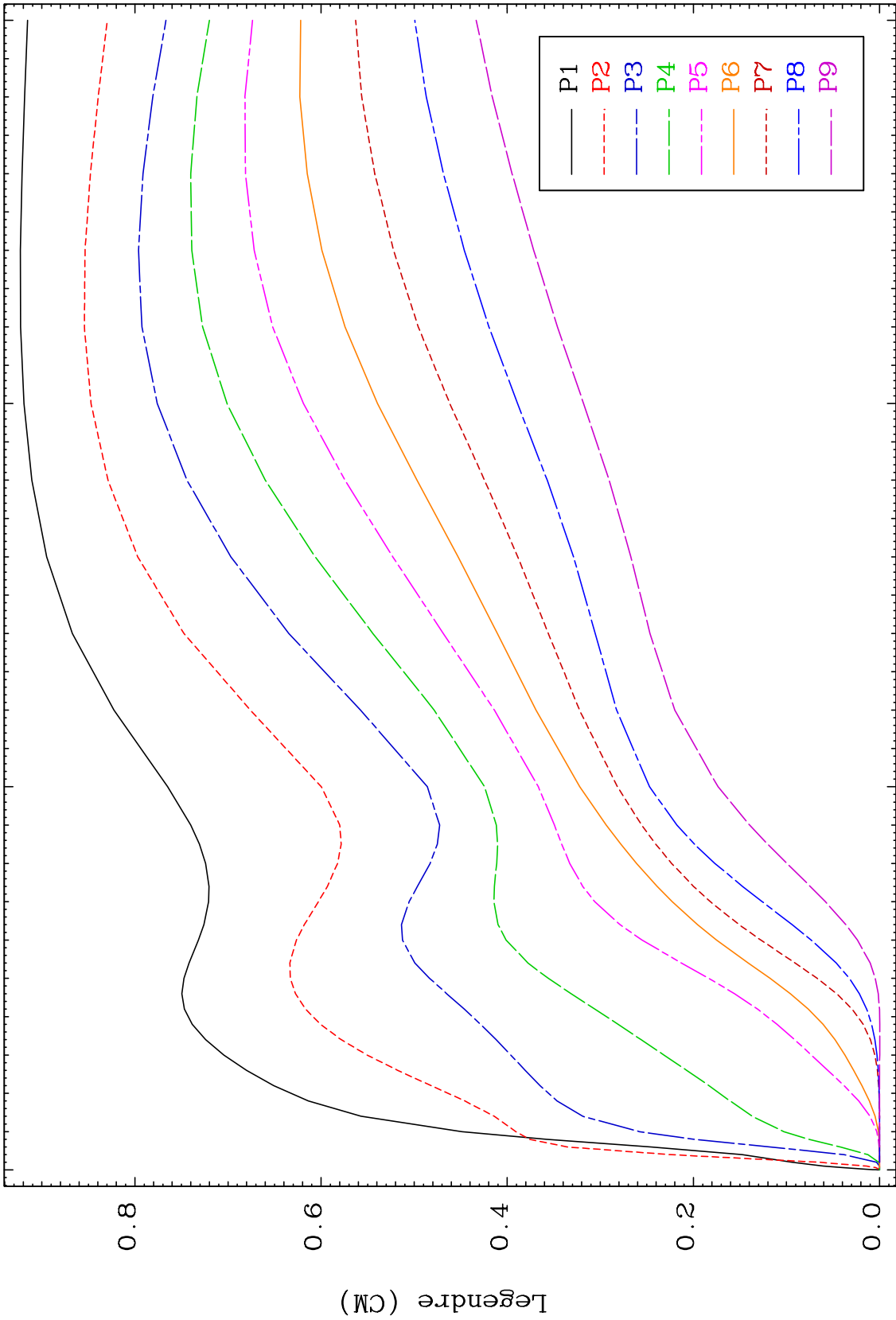
71-Lu-168



MAT 7104

Elastic Legendre Coefficients

71-Lu-168



16

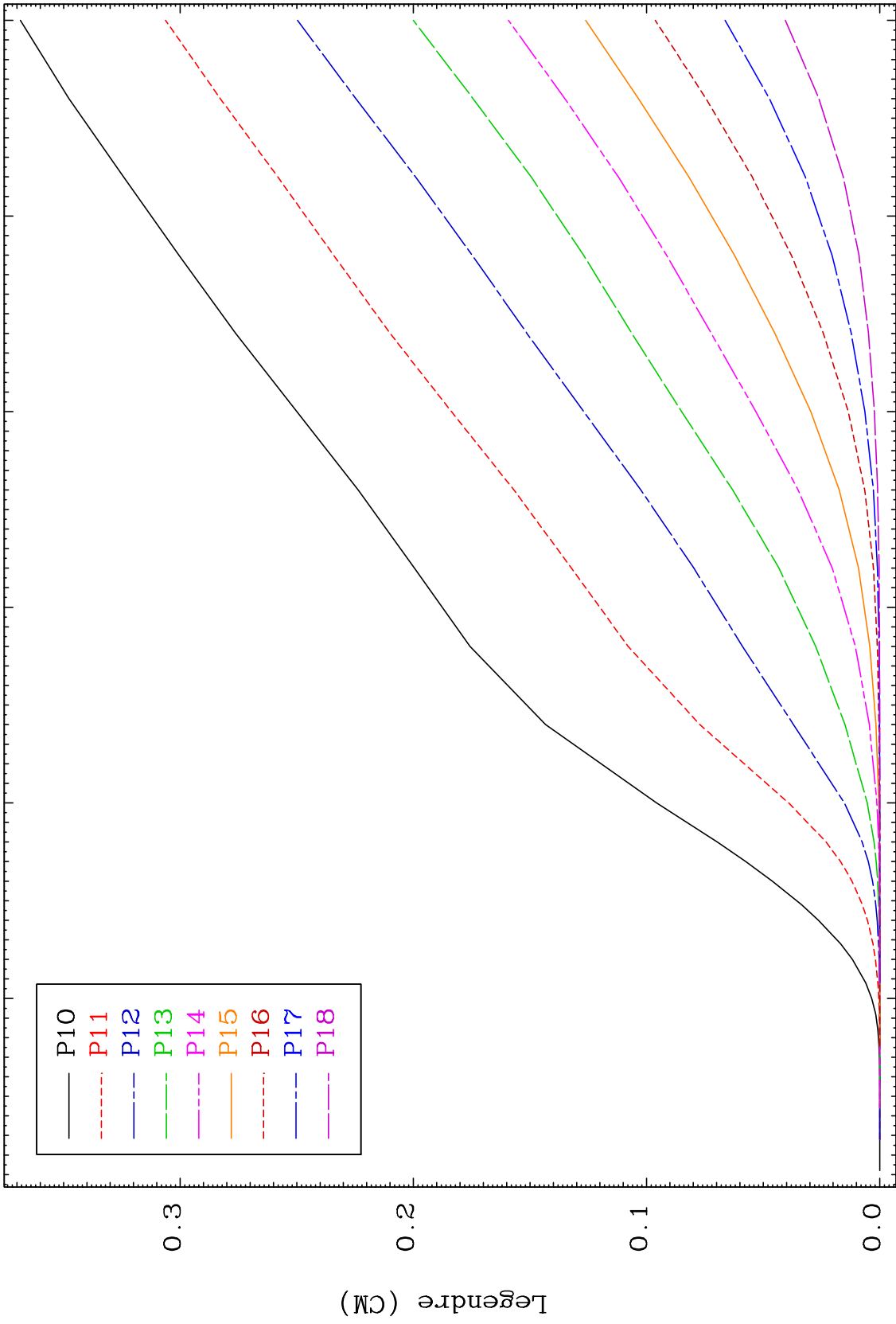
Incident Energy (MeV)

71-Lu-168

MAT 7104

Elastic Legendre Coefficients

71-Lu-168



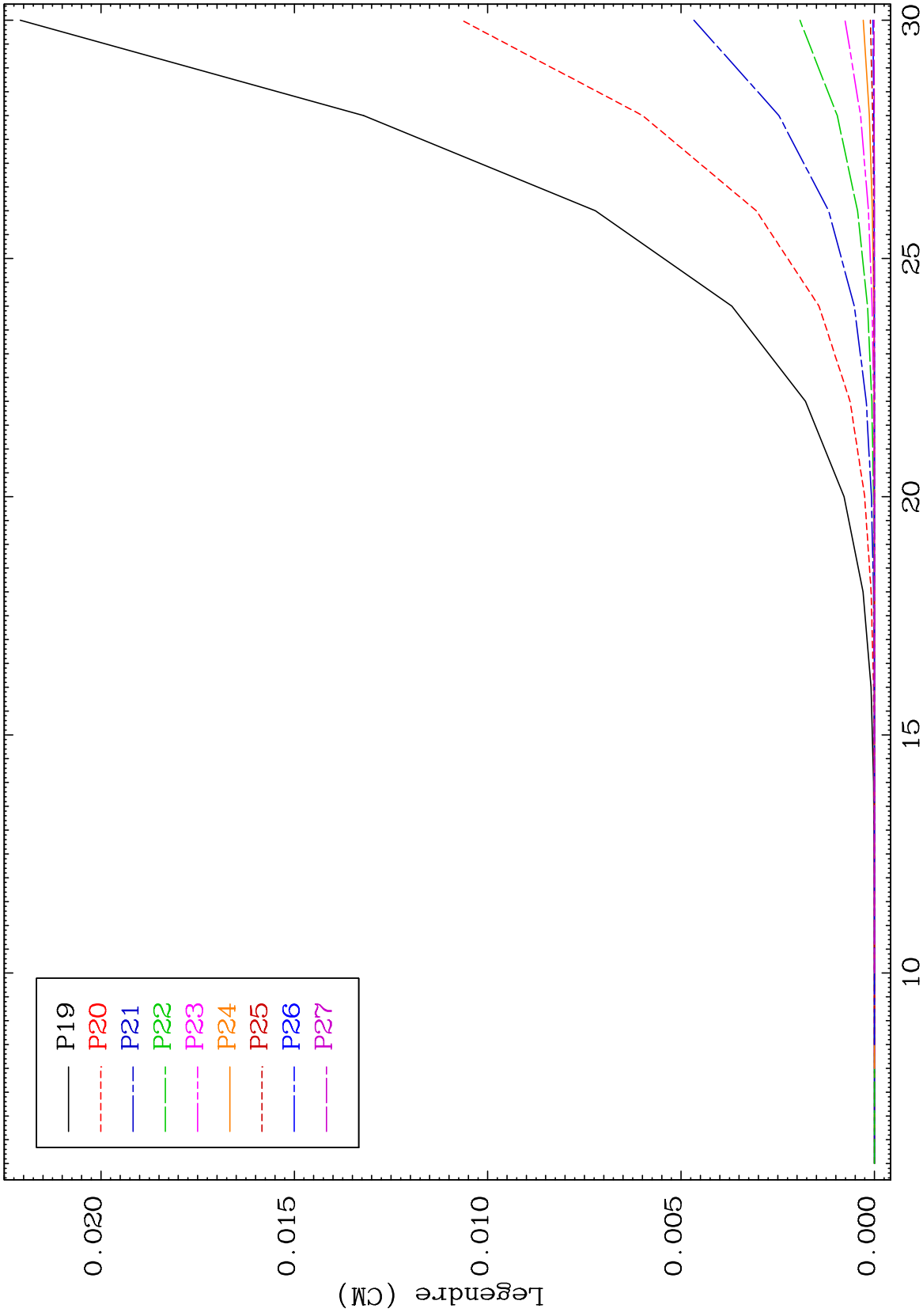
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71-Lu-168

MAT 7104

Elastic Legendre Coefficients

71-Lu-168



18

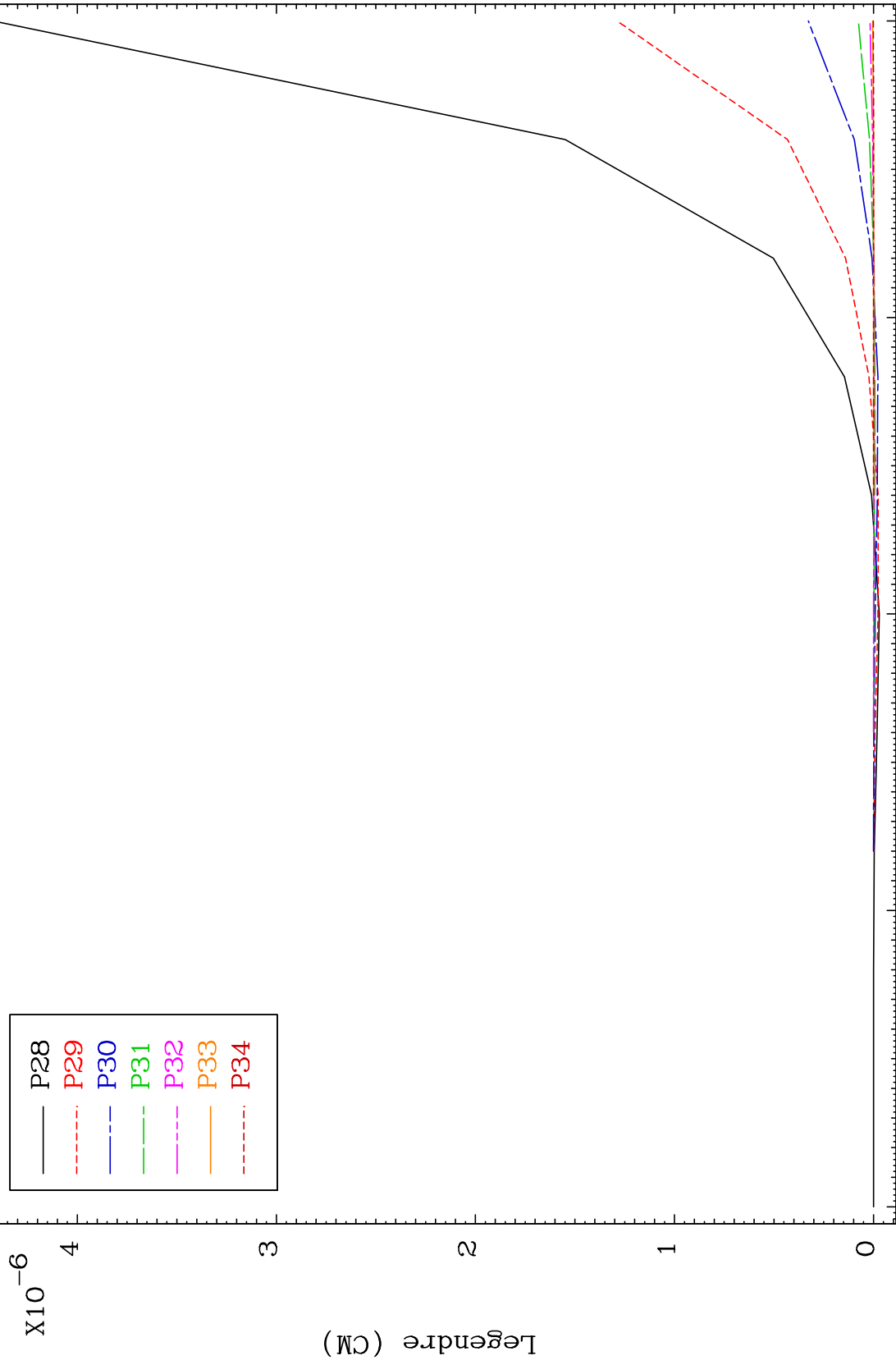
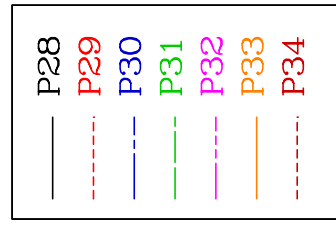
Incident Energy (MeV)

71-Lu-168

MAT 7104

Elastic Legendre Coefficients

71-Lu-168

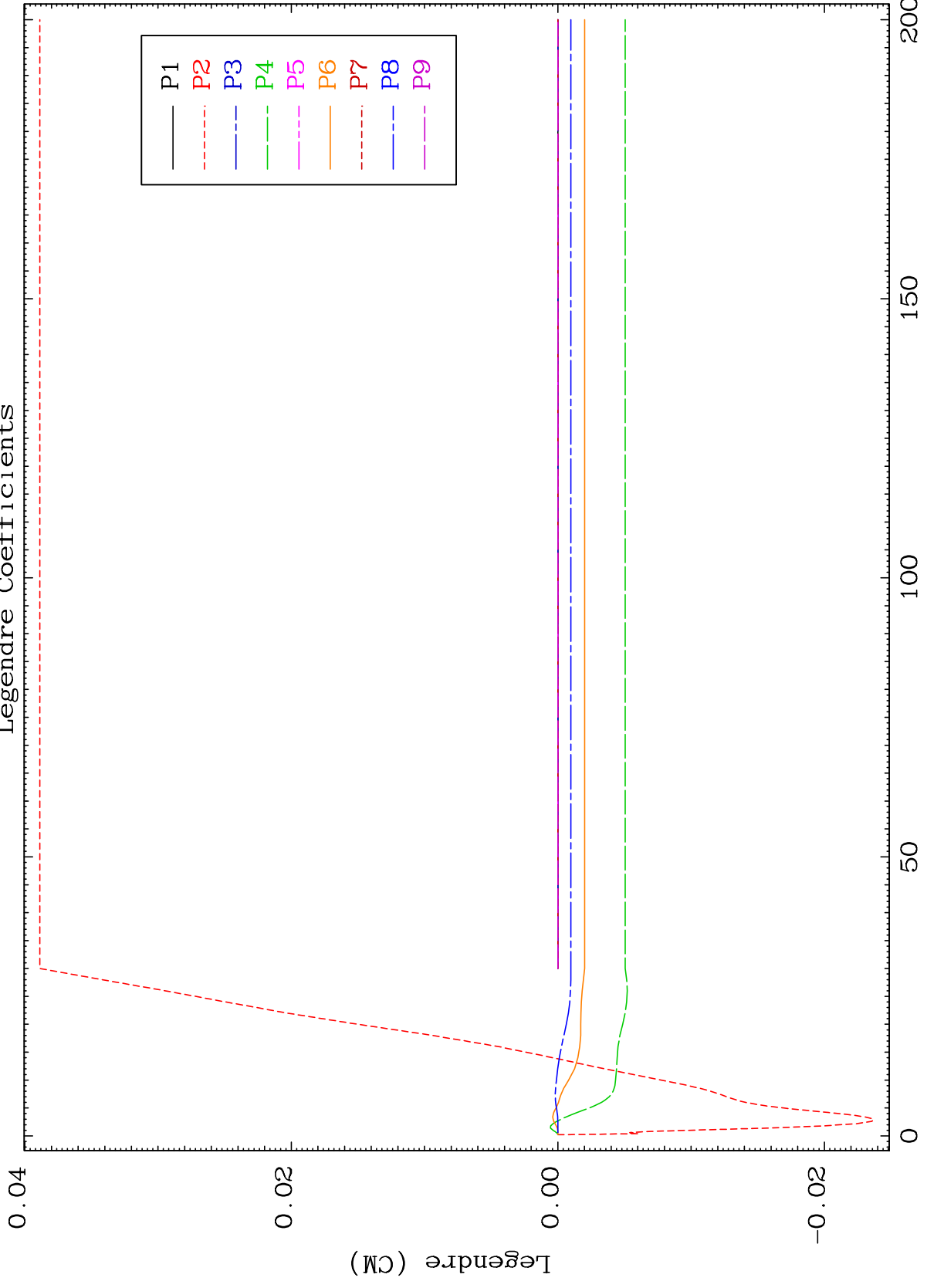


19

Incident Energy (MeV)

71-Lu-168

MAT 7104 MT= 51 (n,n') Level Legendre Coefficients 71-Lu-168

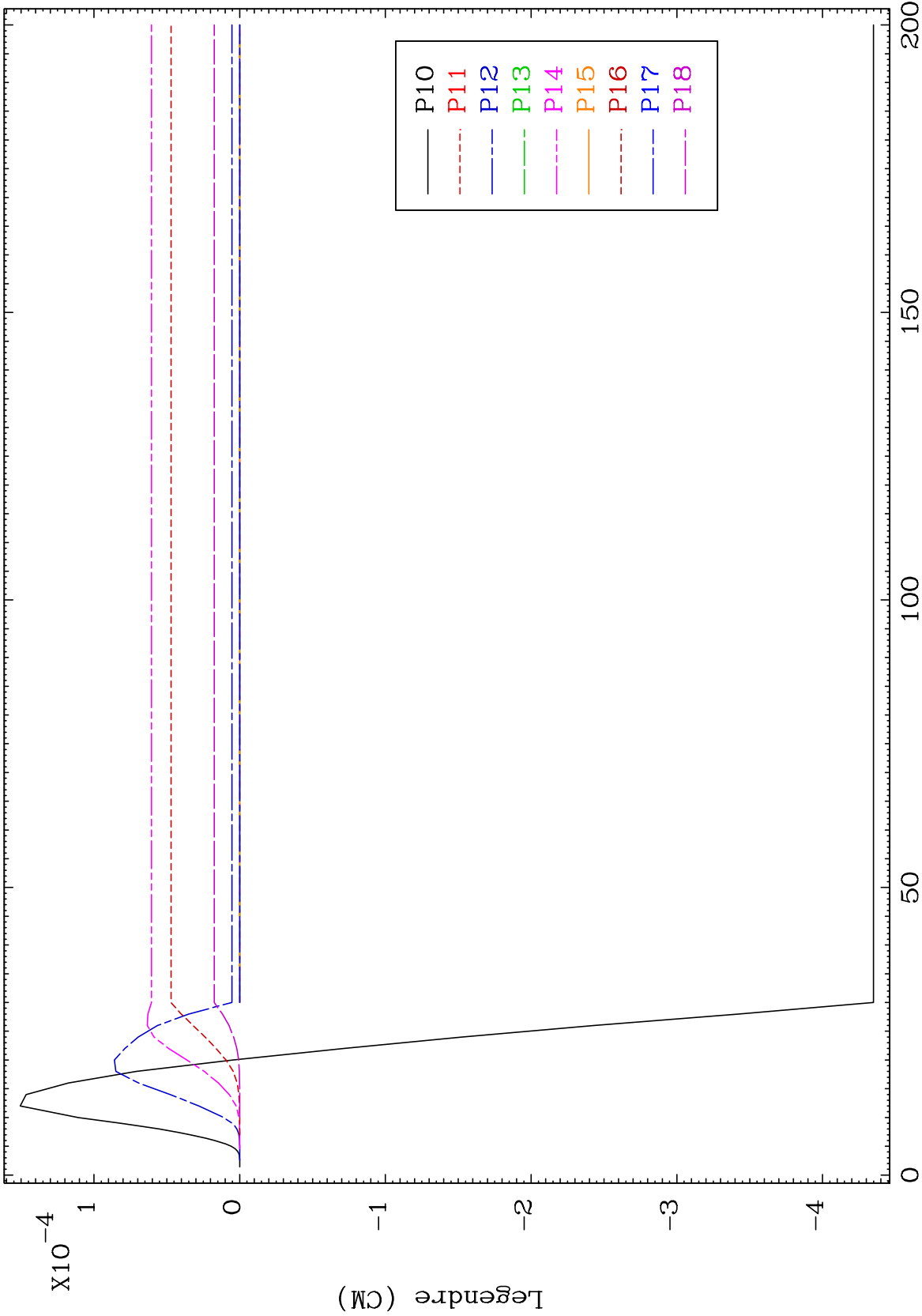


71-Lu-168

MAT 7104

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

71-Lu-168



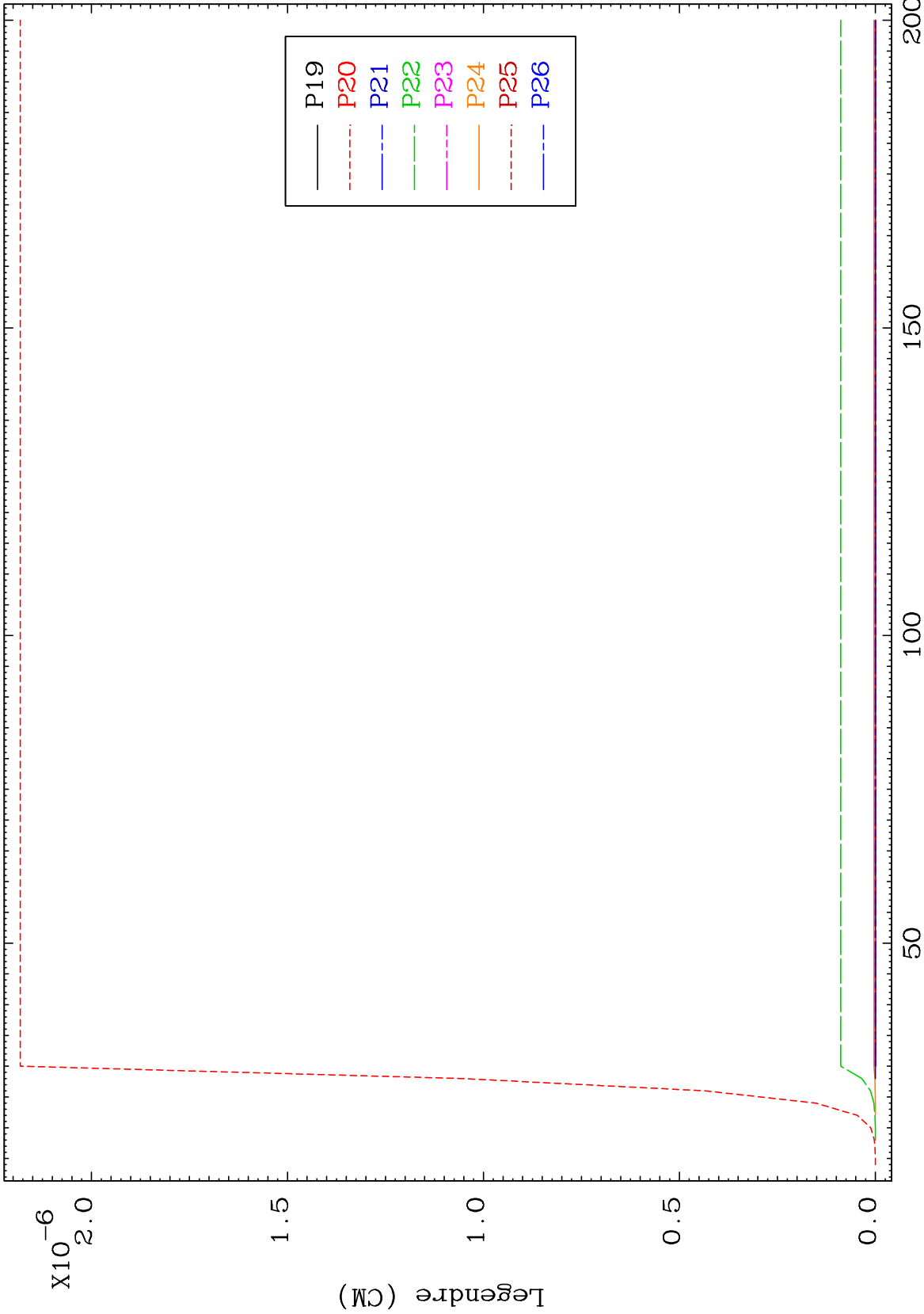
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71-Lu-168

MAT 7104

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

71-Lu-168



22

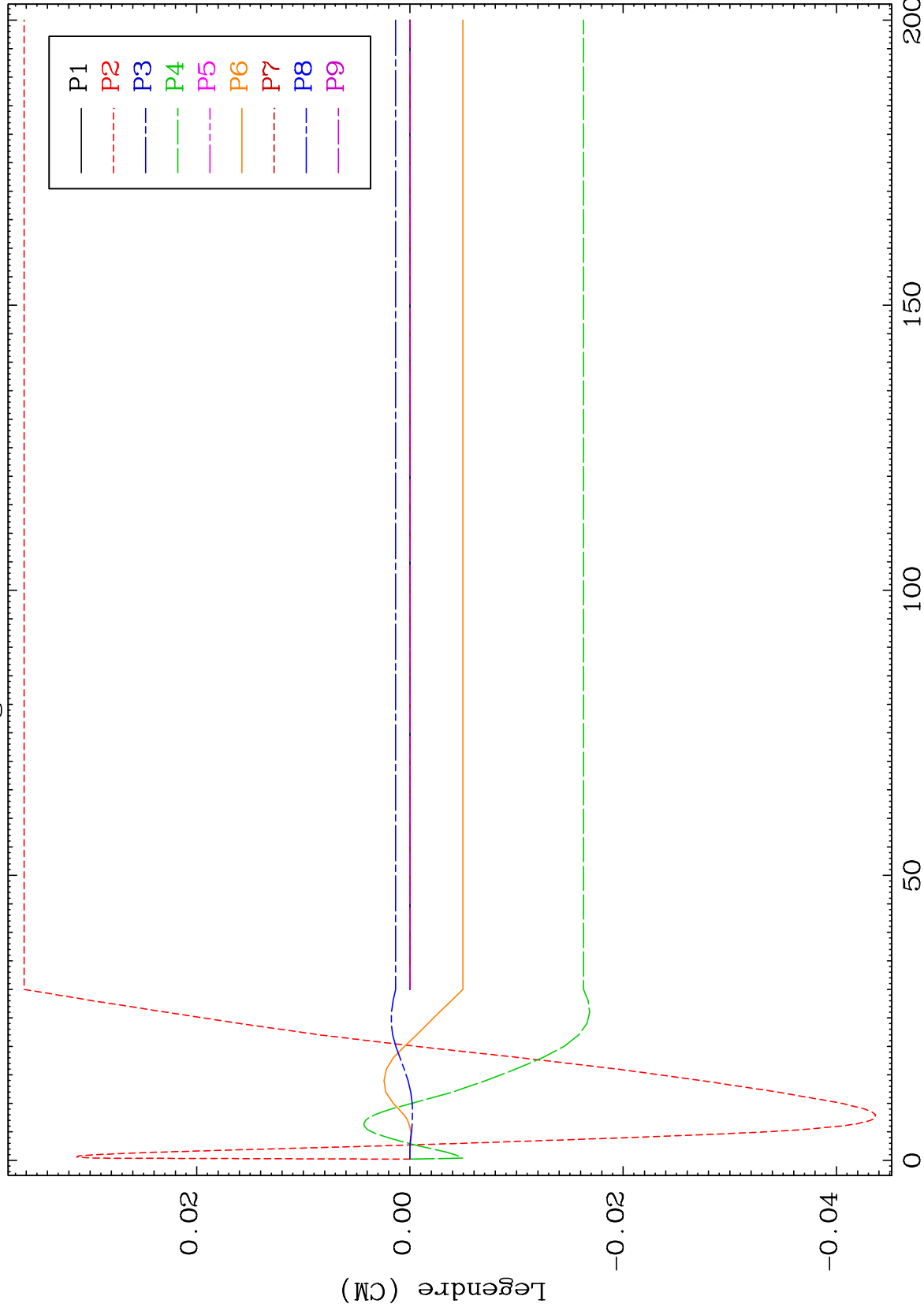
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



23

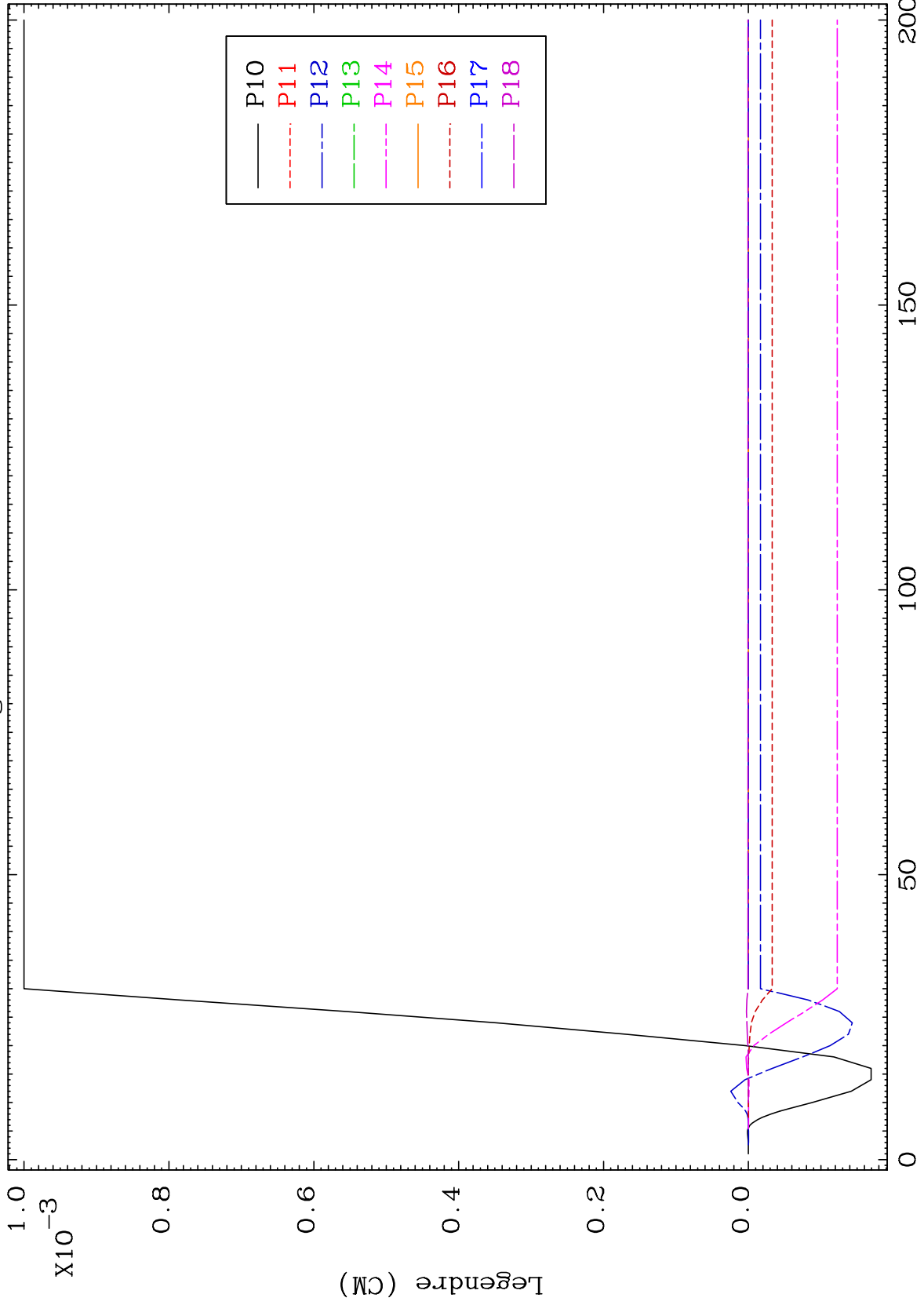
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168

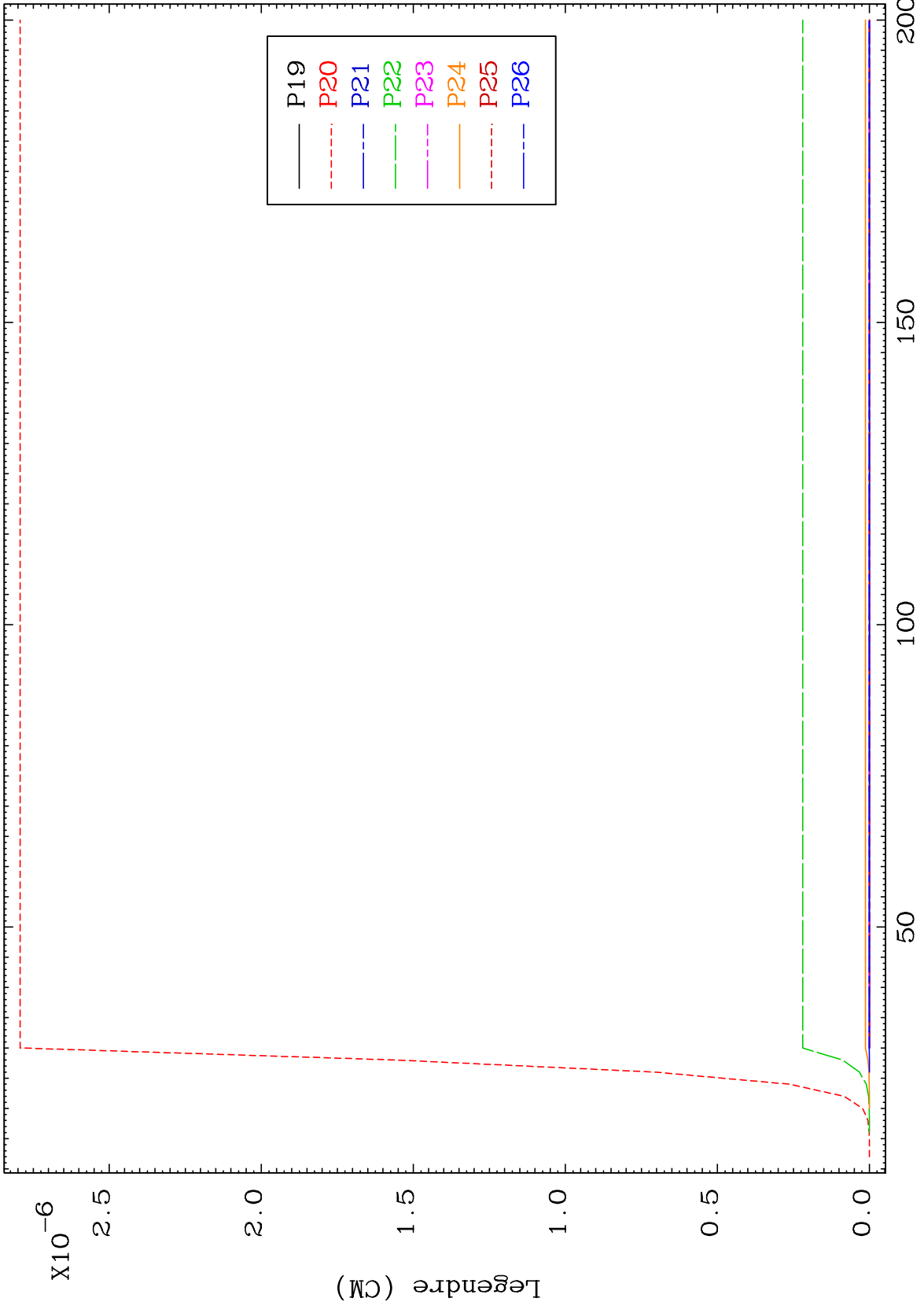


24

Incident Energy (MeV)

71-Lu-168

MAT 7104 MT= 52 (n,n') Level Legendre Coefficients 71-Lu-168

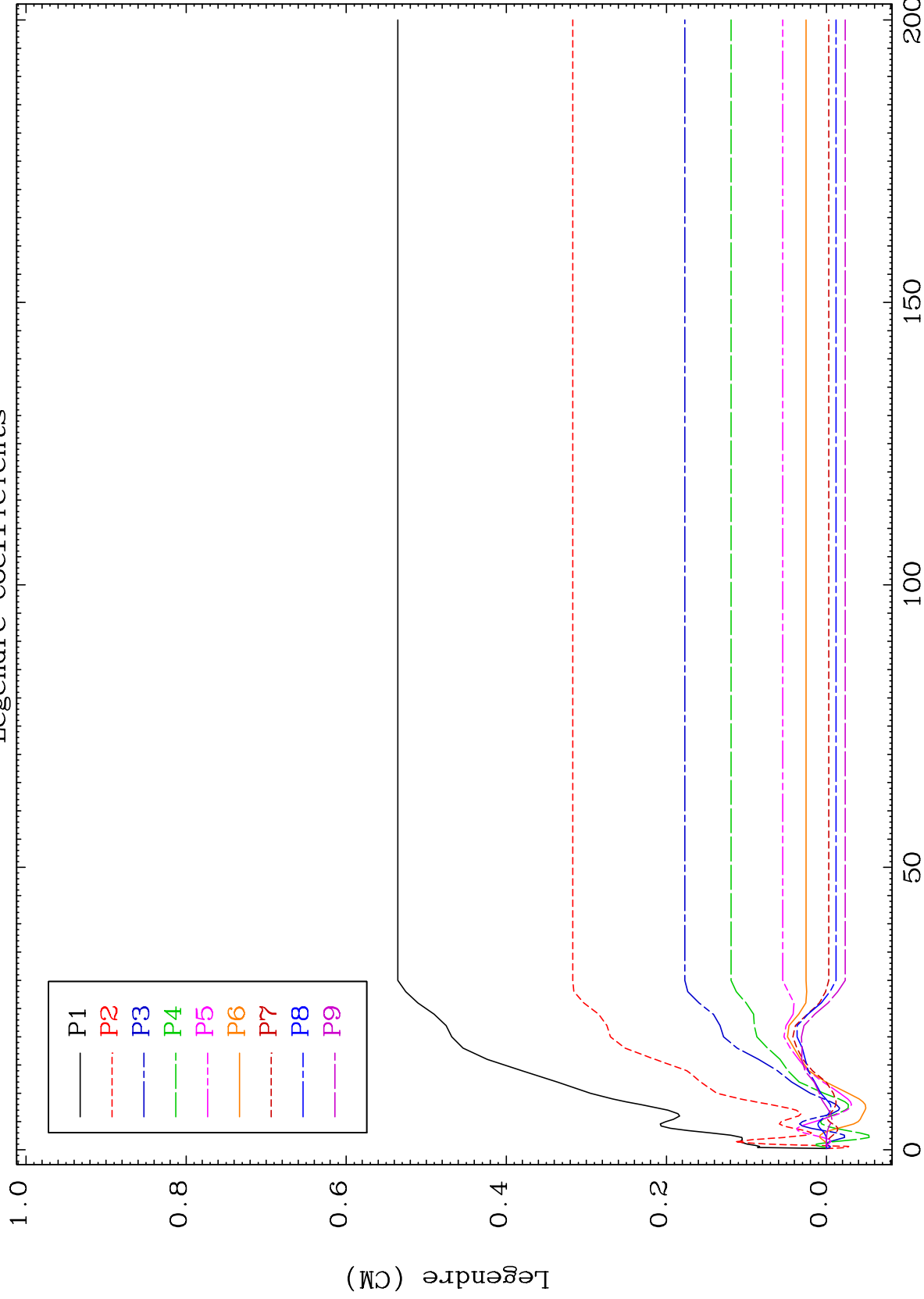


71-Lu-168

MAT 7104

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

71-Lu-168



26

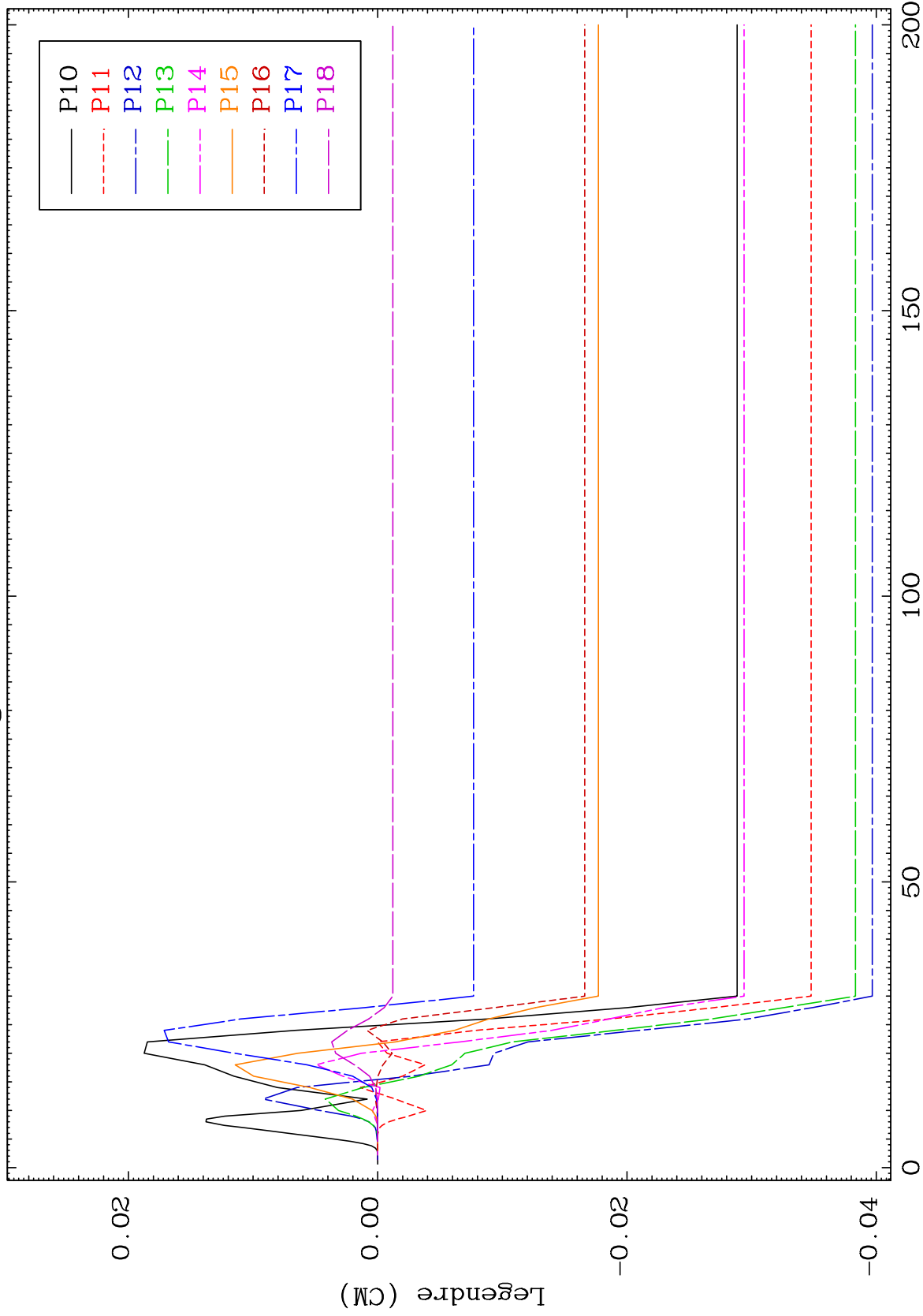
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

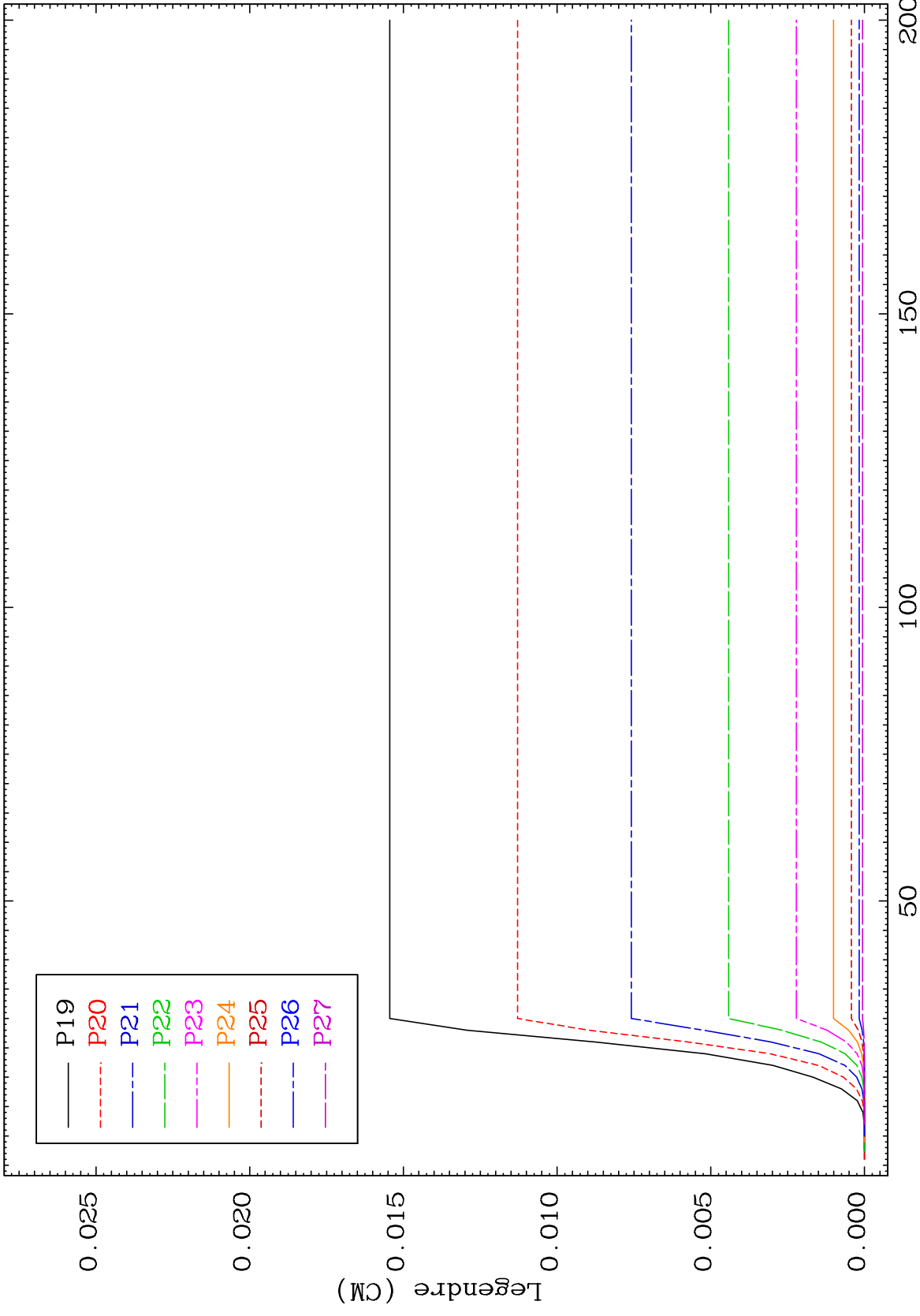
71-Lu-168



27

Incident Energy (MeV)

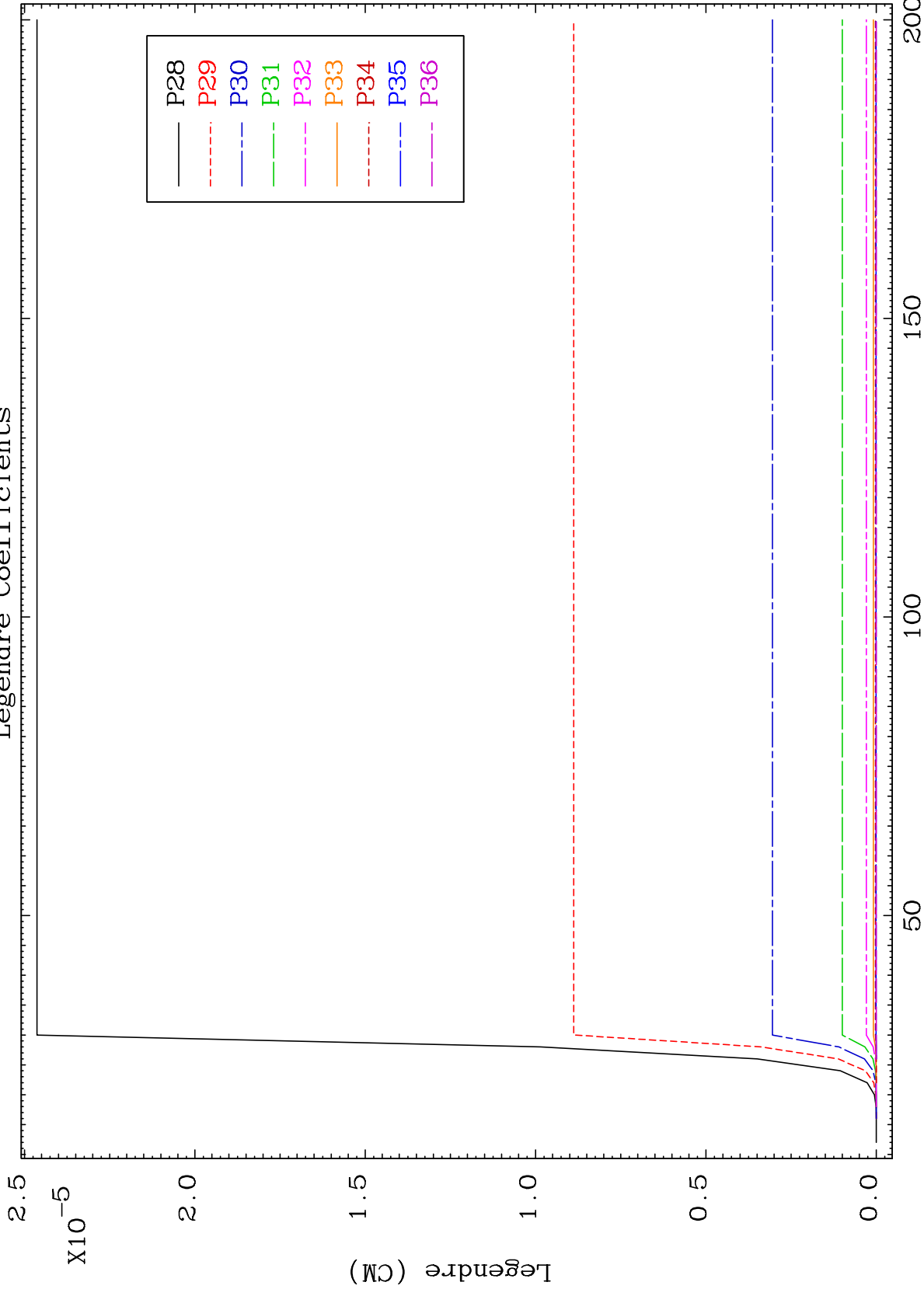
71-Lu-168



MAT 7104

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

71-Lu-168



29

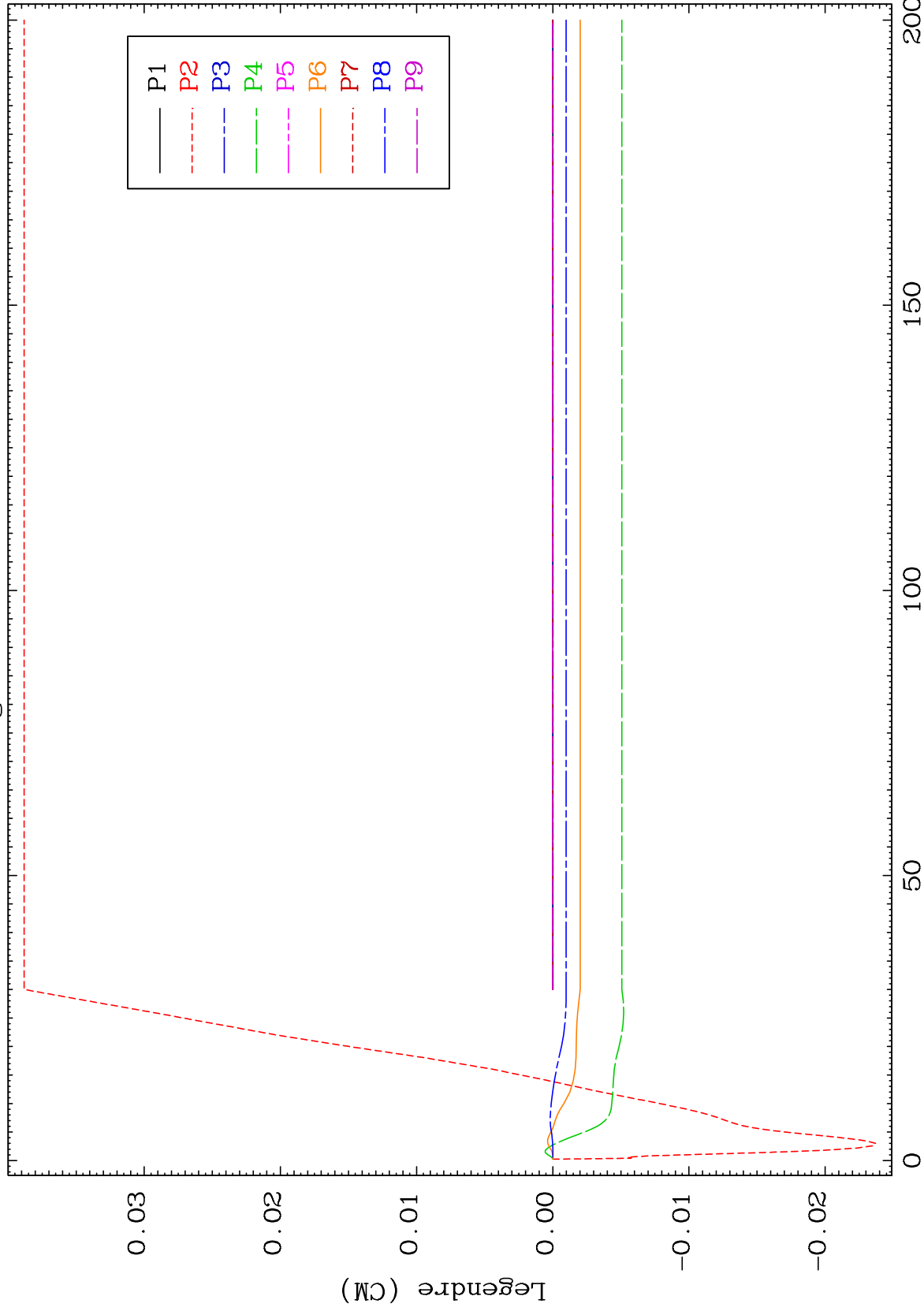
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



71-Lu-168

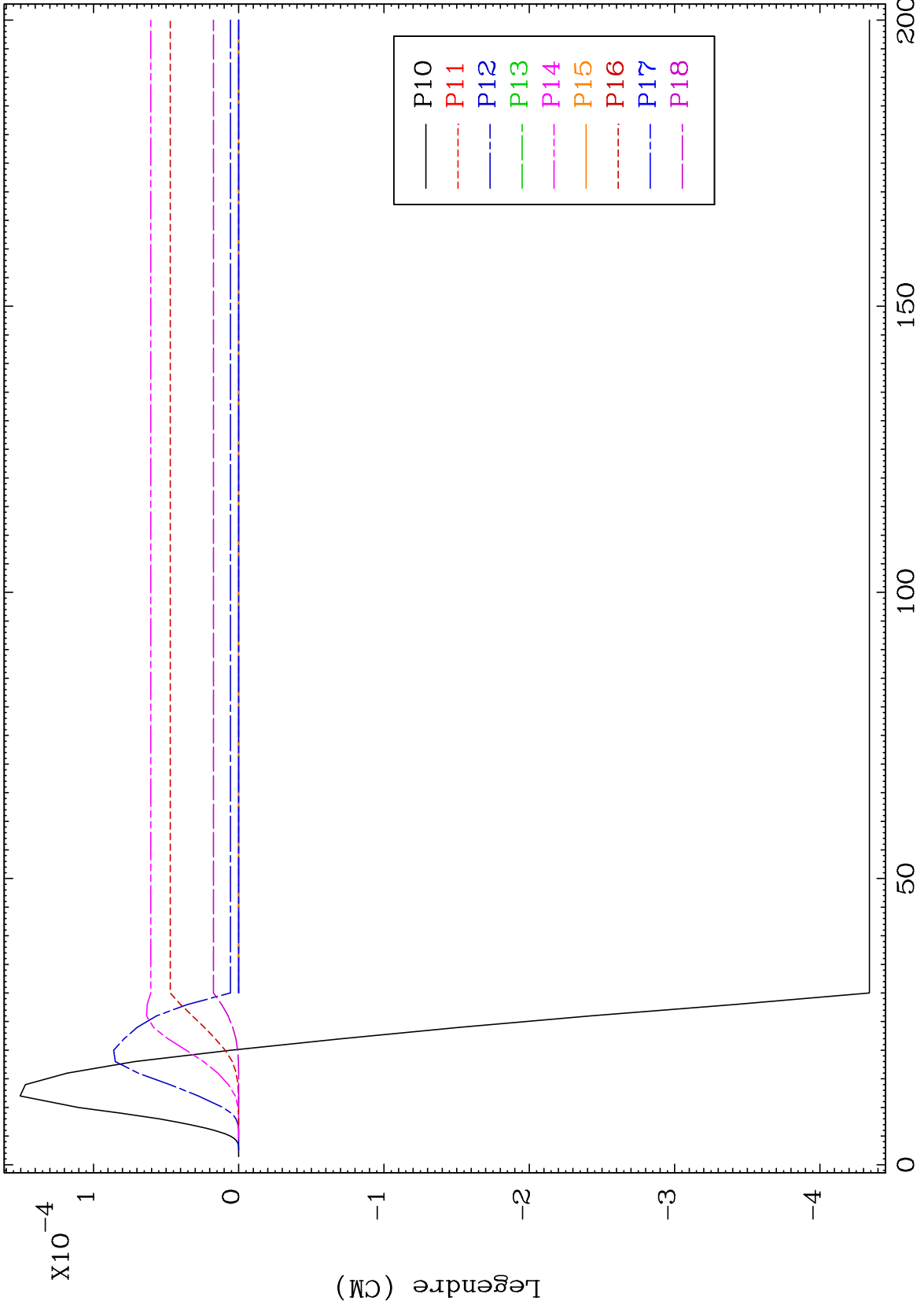
Incident Energy (MeV)

30

MAT 7104

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

71-Lu-168



31

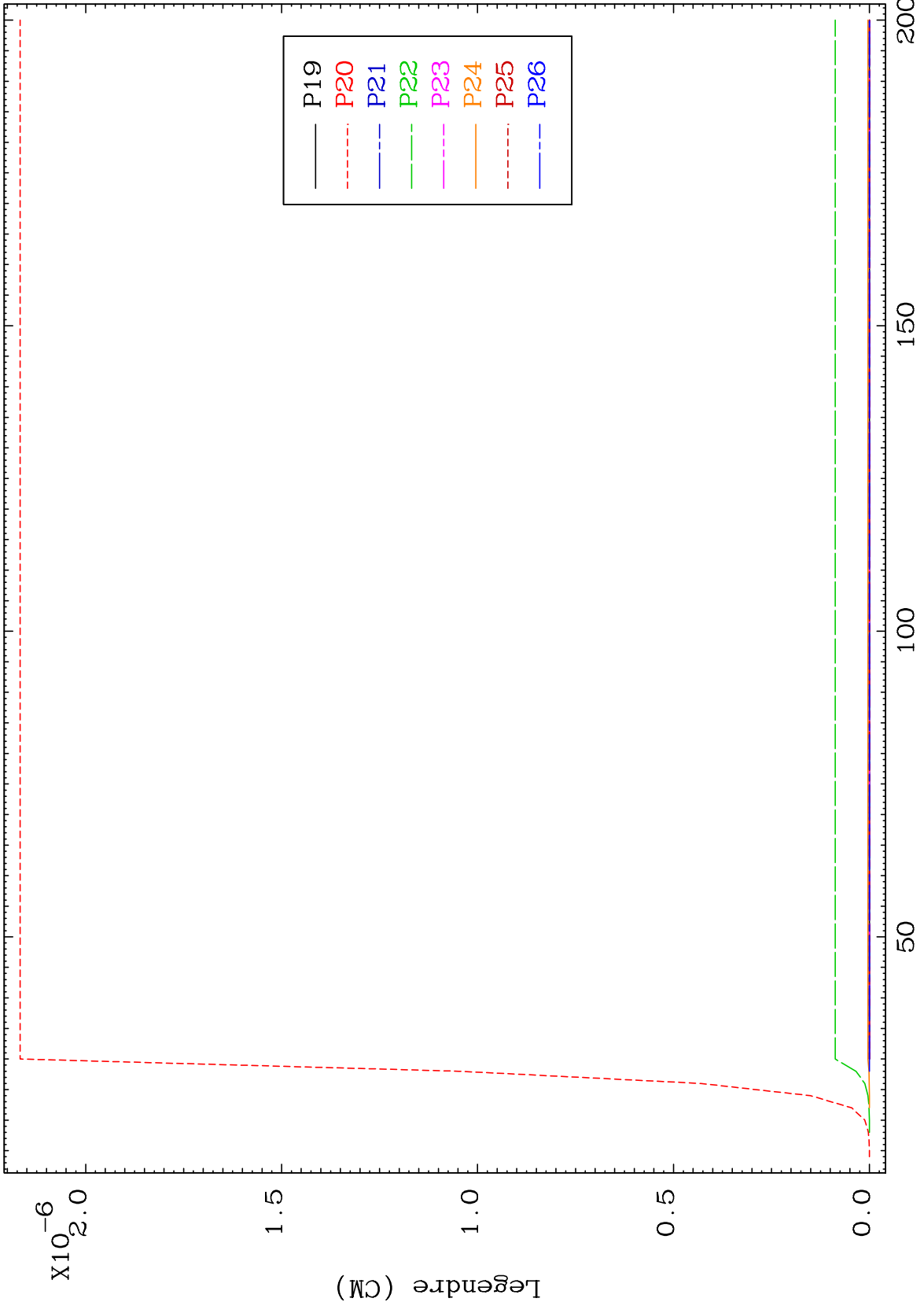
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



32

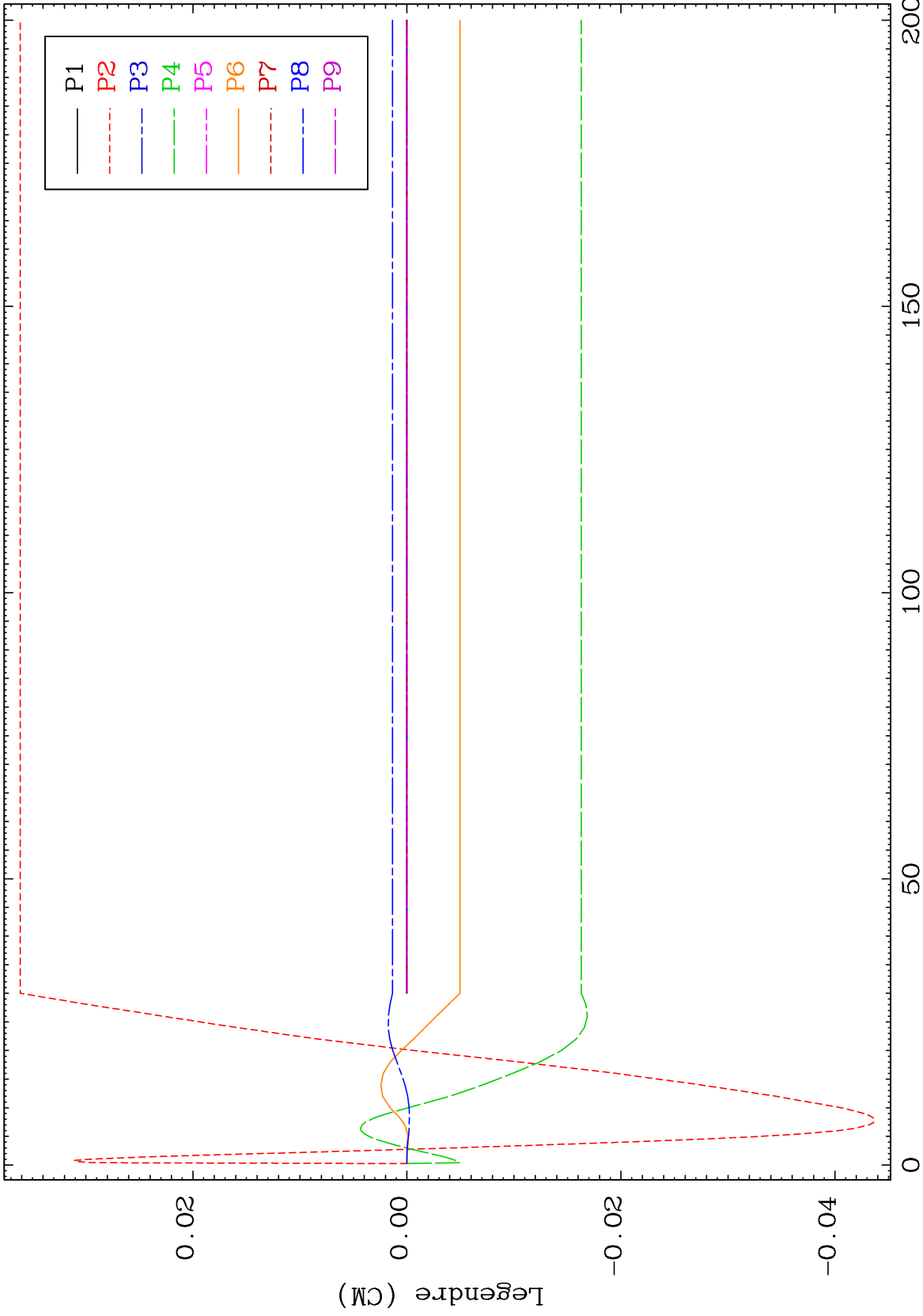
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



33

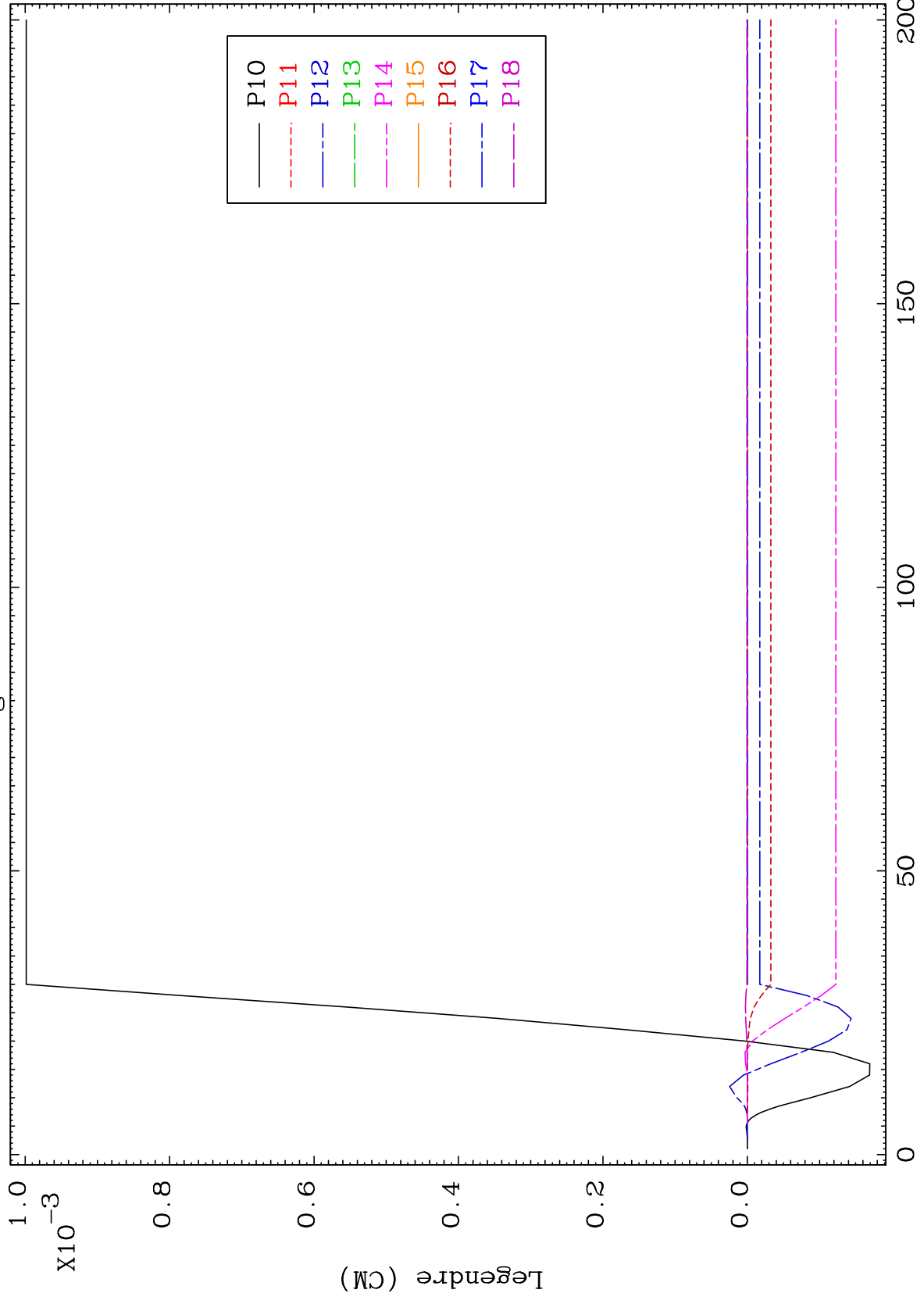
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168

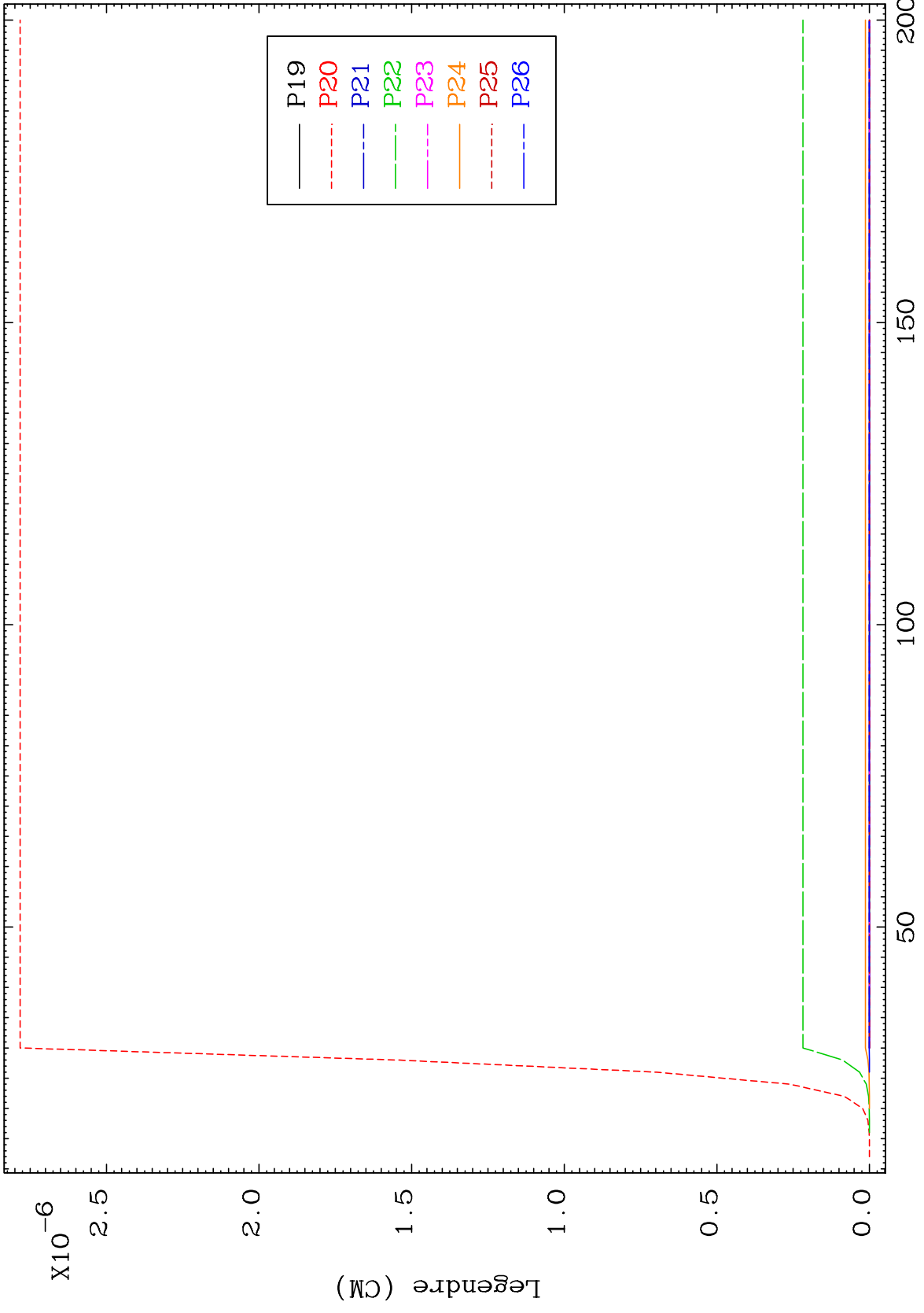


34

Incident Energy (MeV)

71-Lu-168

MAT 7104 MT= 55 (n,n') Level Legendre Coefficients 71-Lu-168

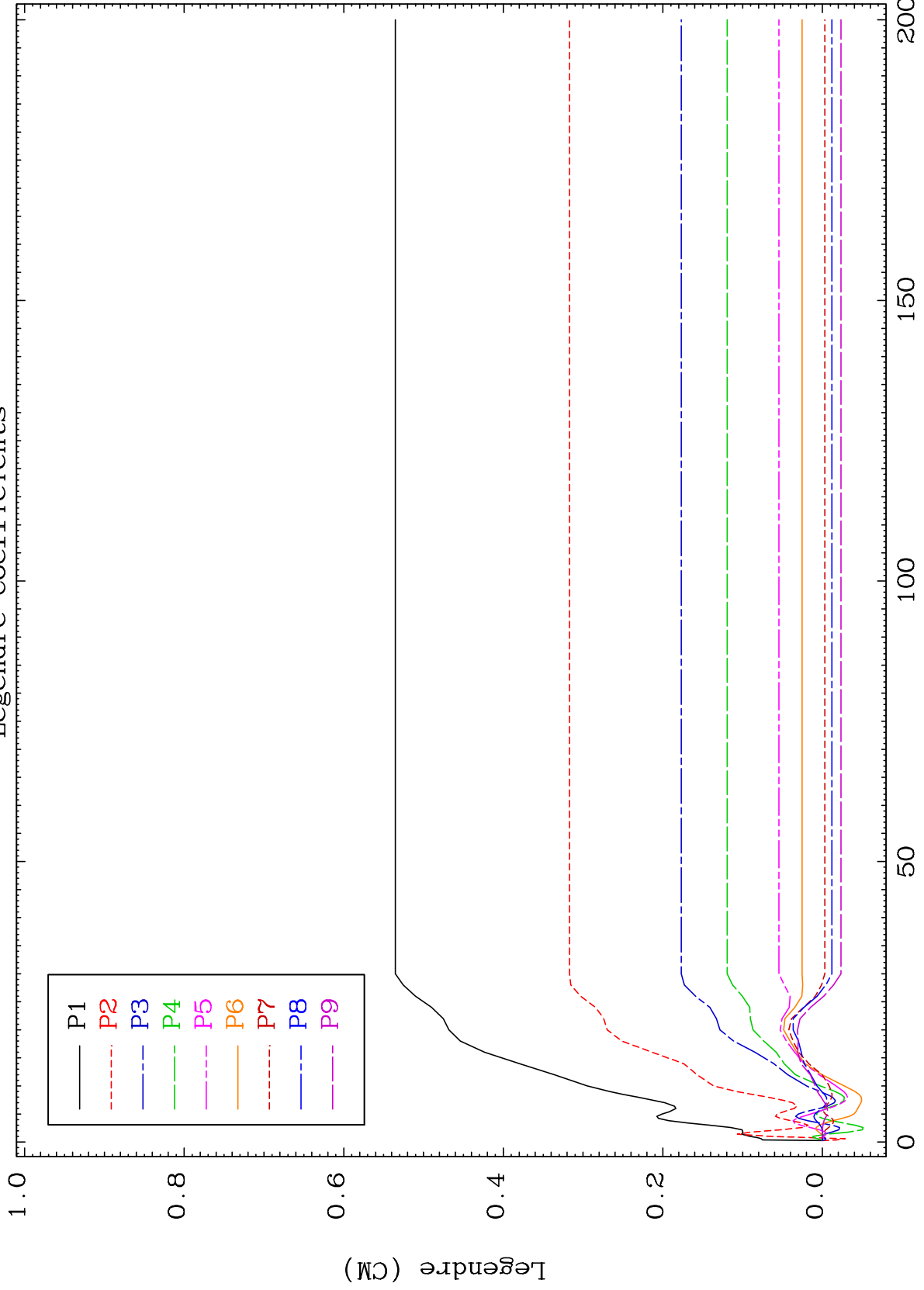


35 Incident Energy (MeV) 71-Lu-168

MAT 7104

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

71-Lu-168



36

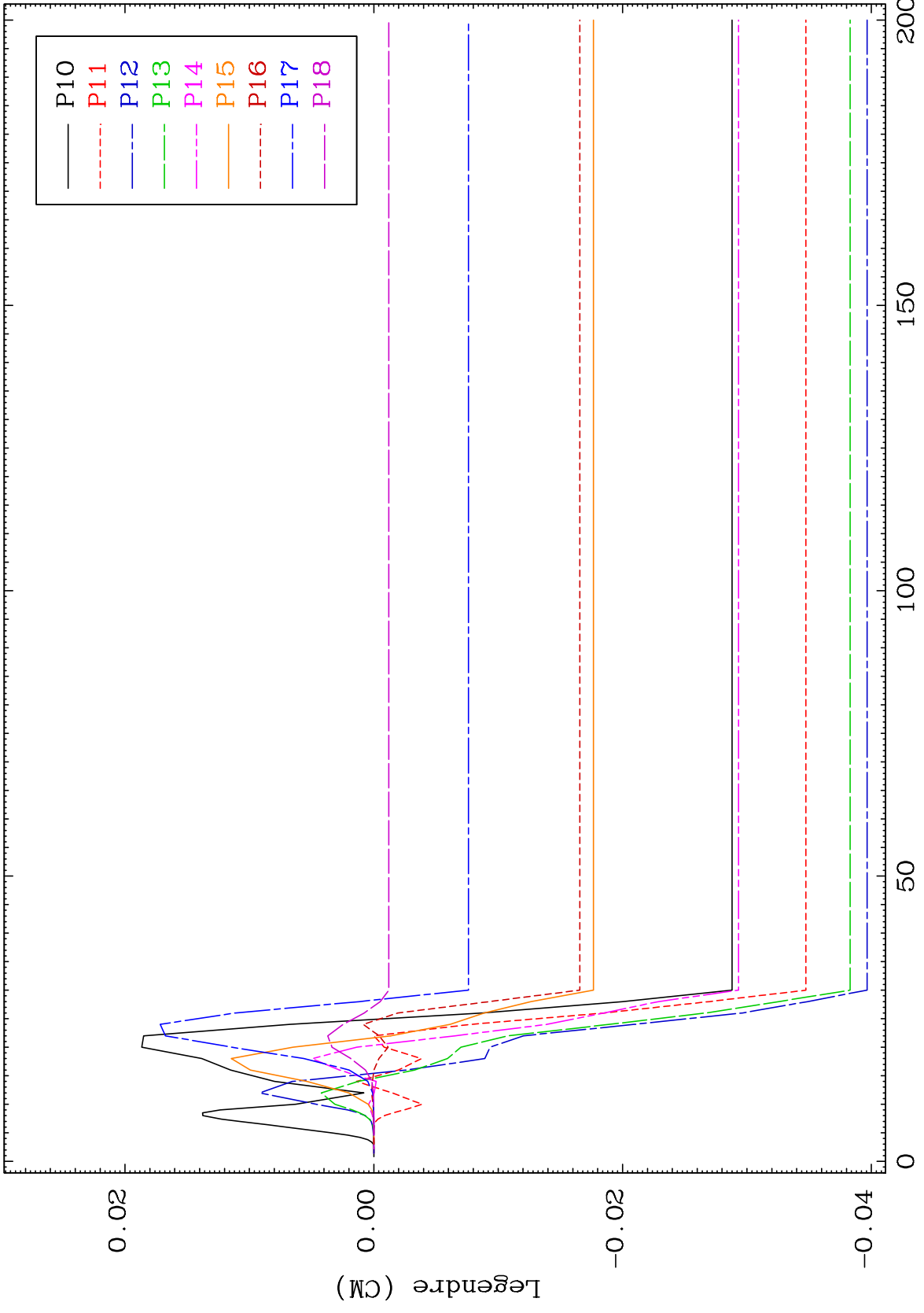
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

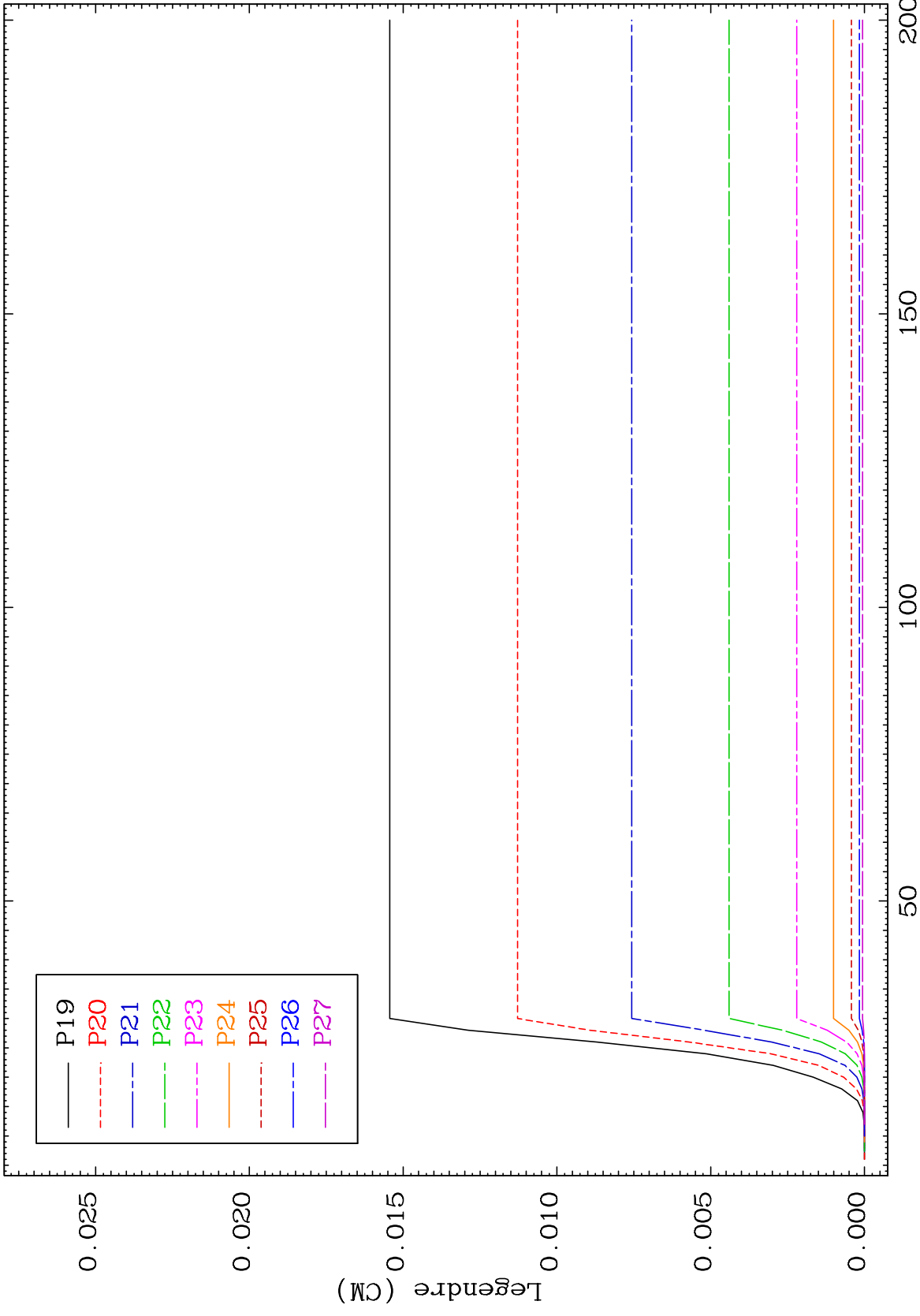
71-Lu-168



37

Incident Energy (MeV)

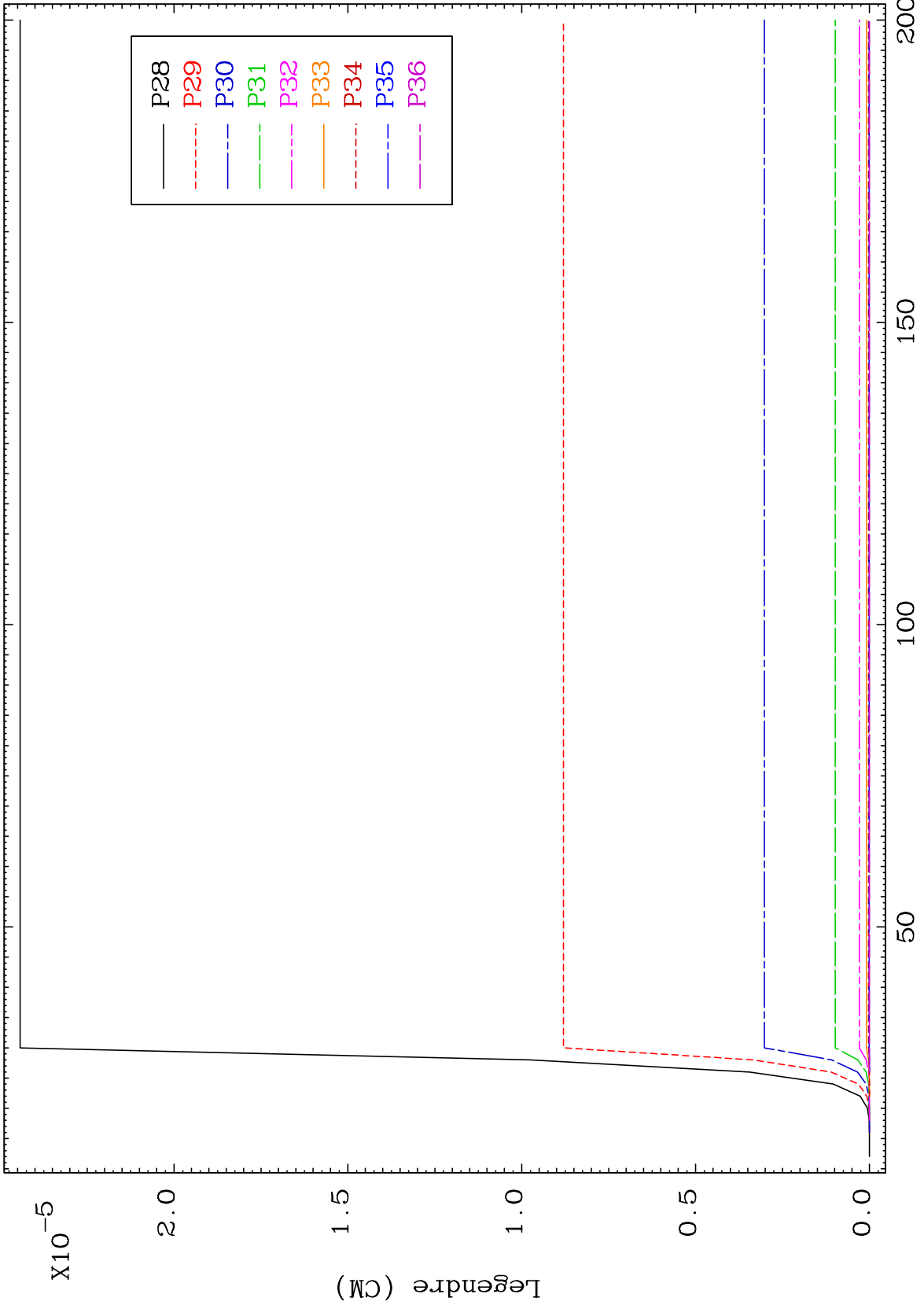
71-Lu-168



MAT 7104

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

71-Lu-168



39

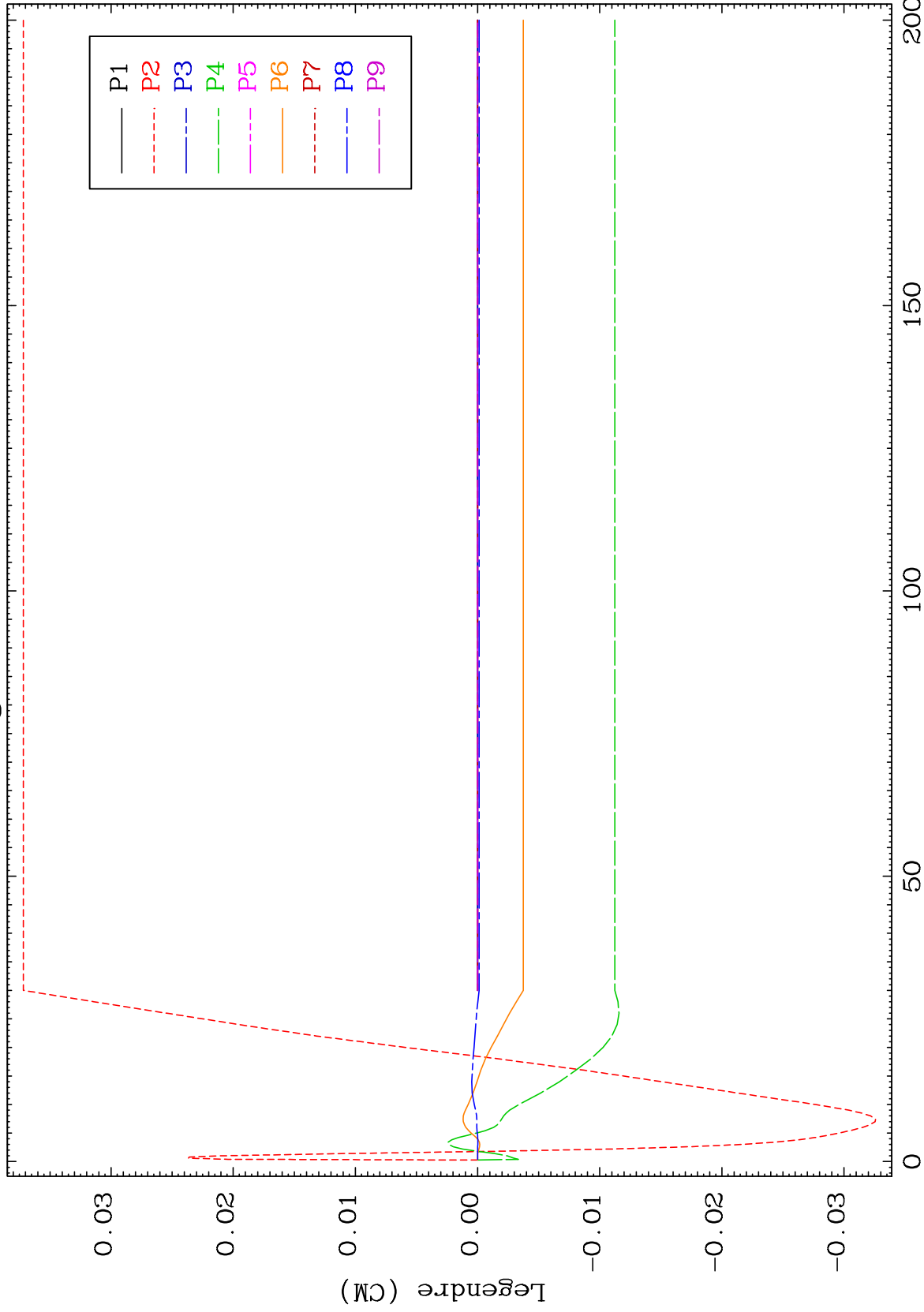
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



71-Lu-168

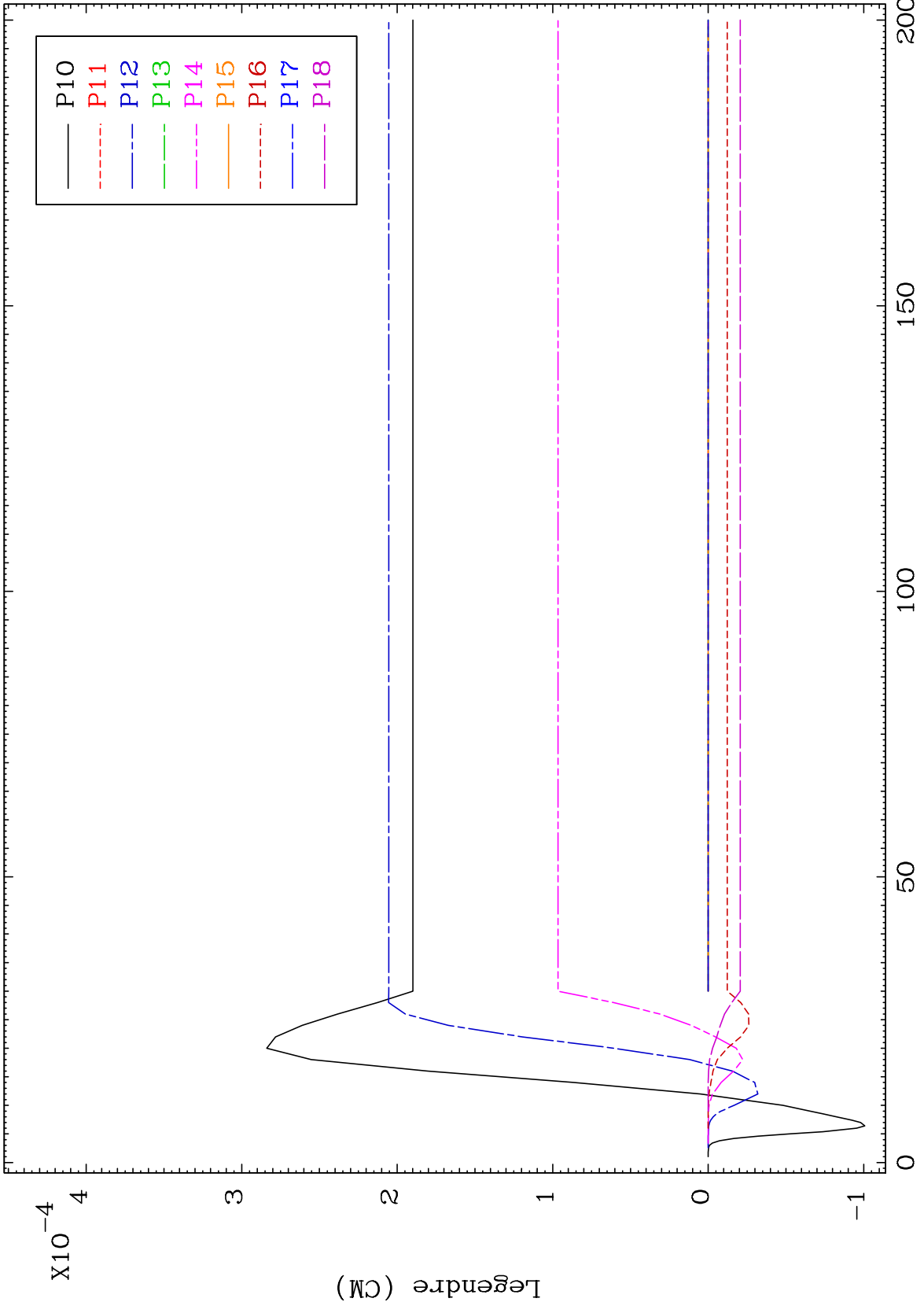
Incident Energy (MeV)

40

MAT 7104

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

71-Lu-168



41

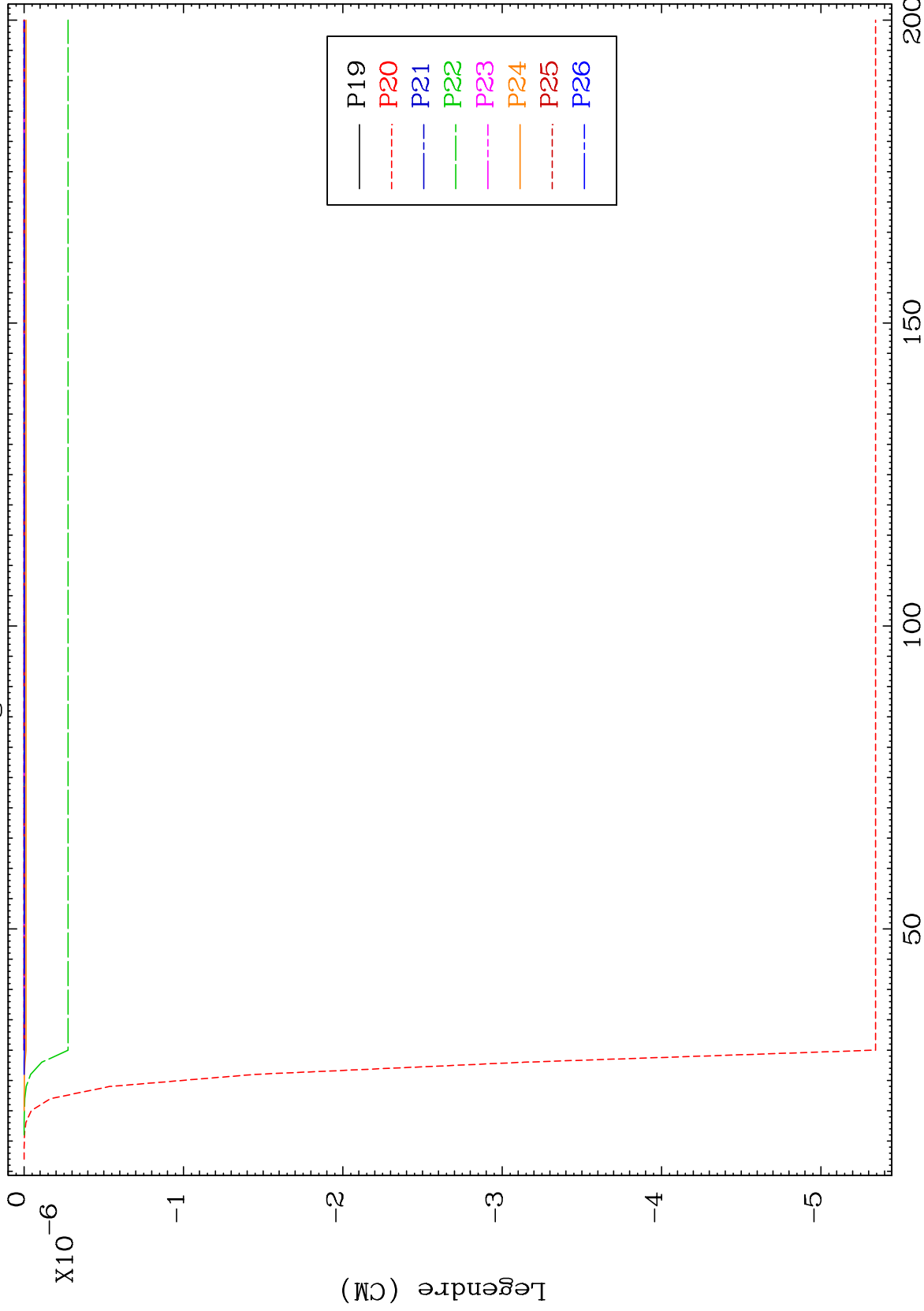
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



42

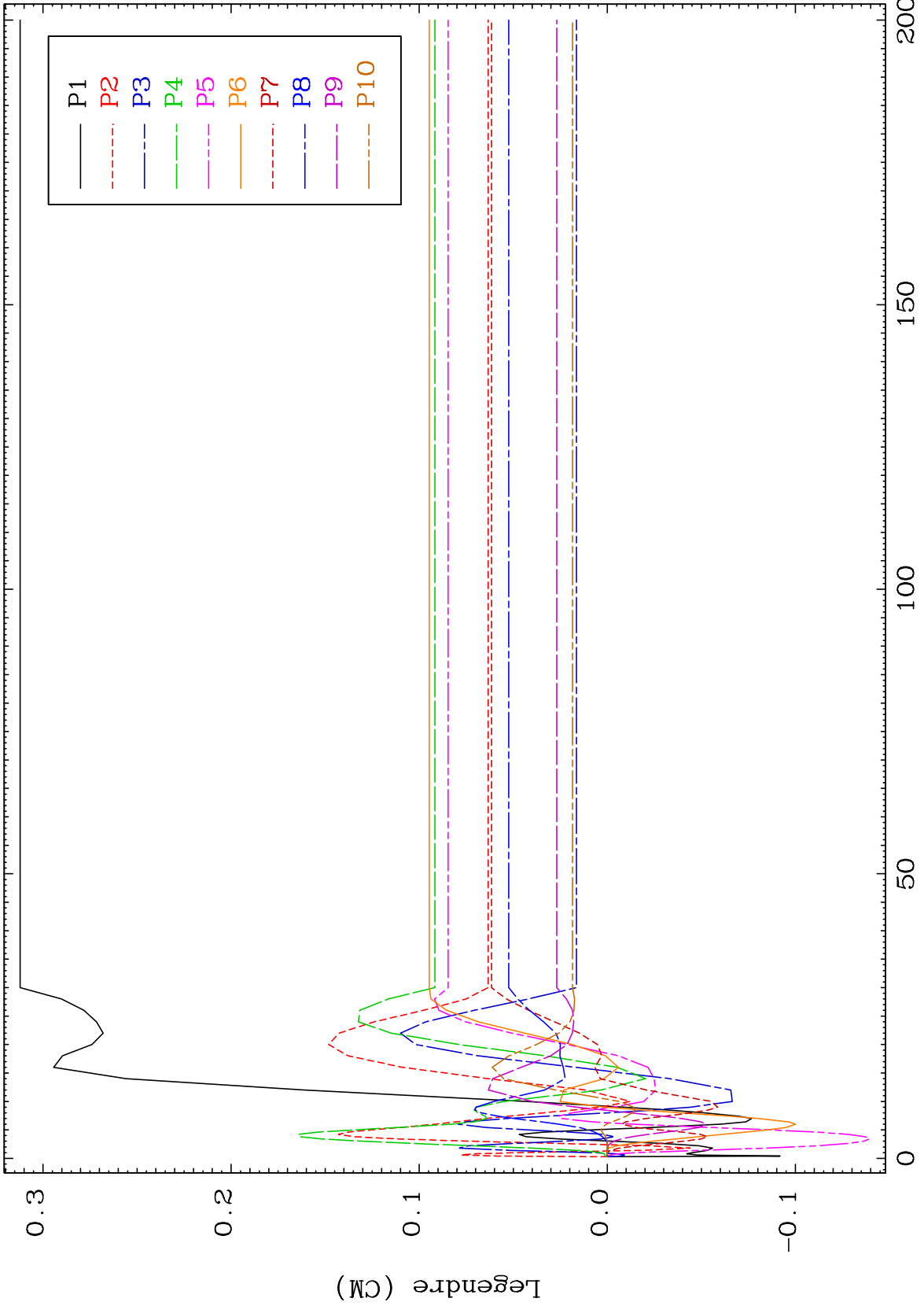
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



43

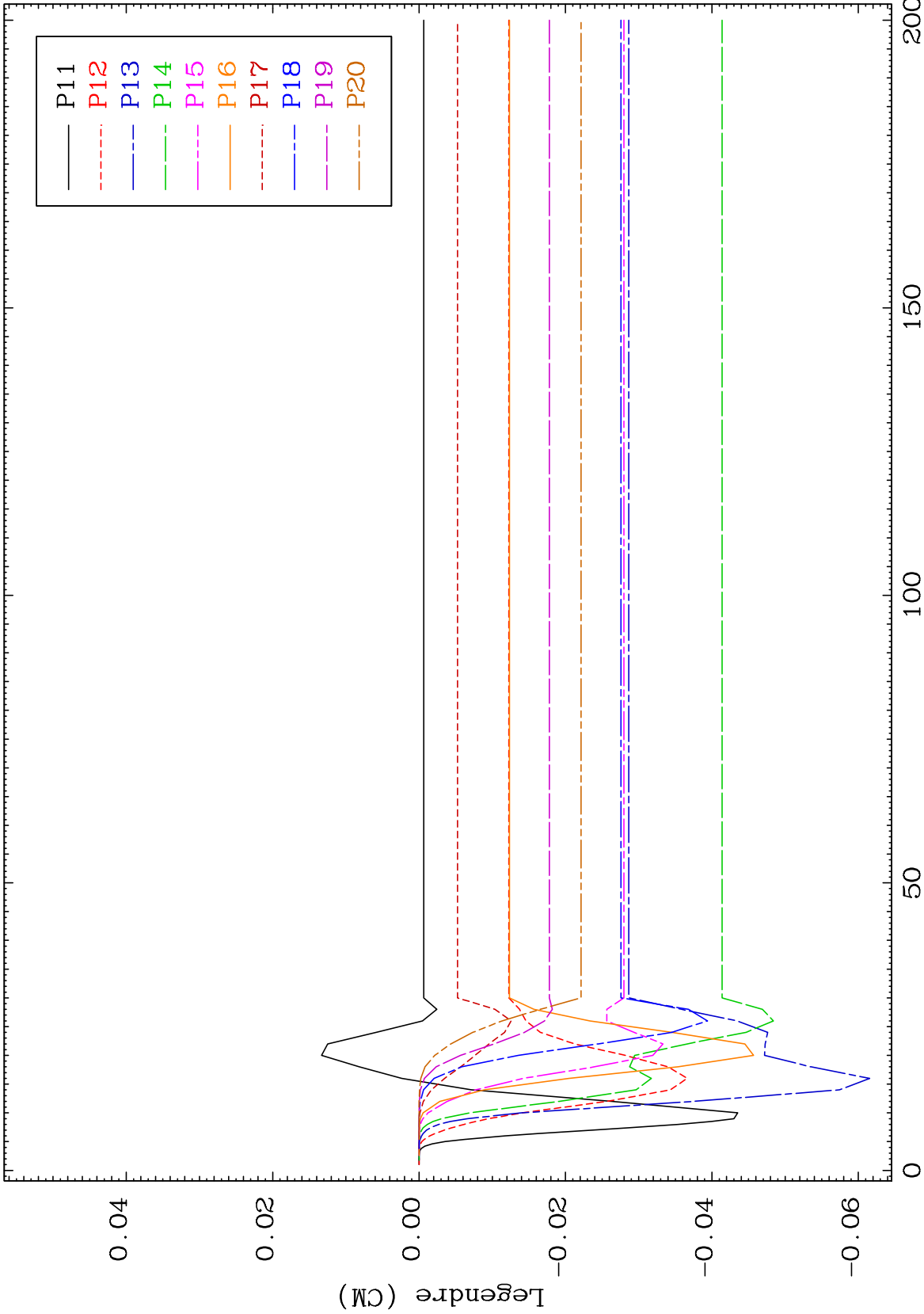
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

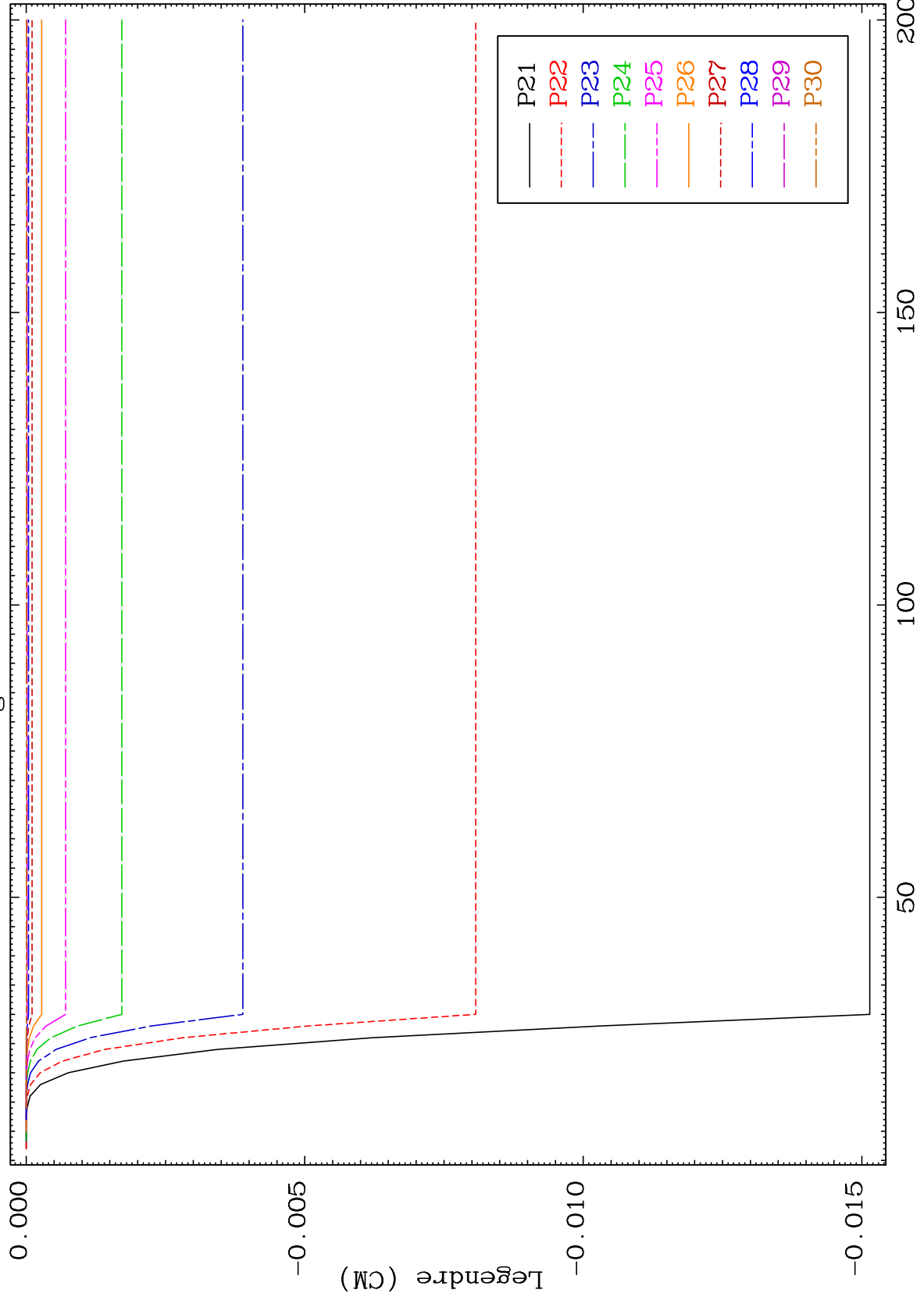
71-Lu-168



44

71-Lu-168

MAT 7104 MT= 58 (n,n') Level Legendre Coefficients 71-Lu-168

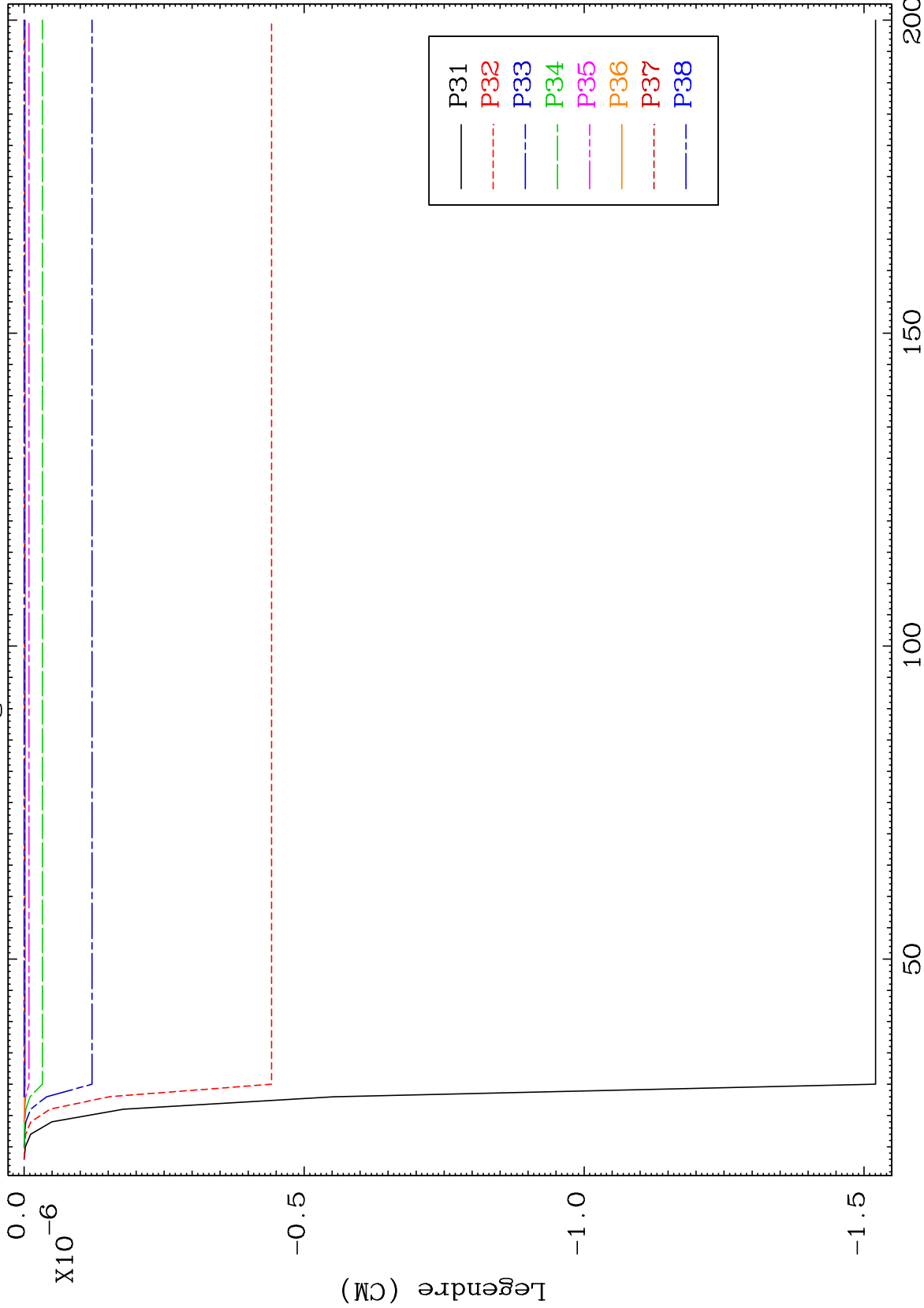


45 Incident Energy (MeV) 71-Lu-168

MAT 7104

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

71-Lu-168



46

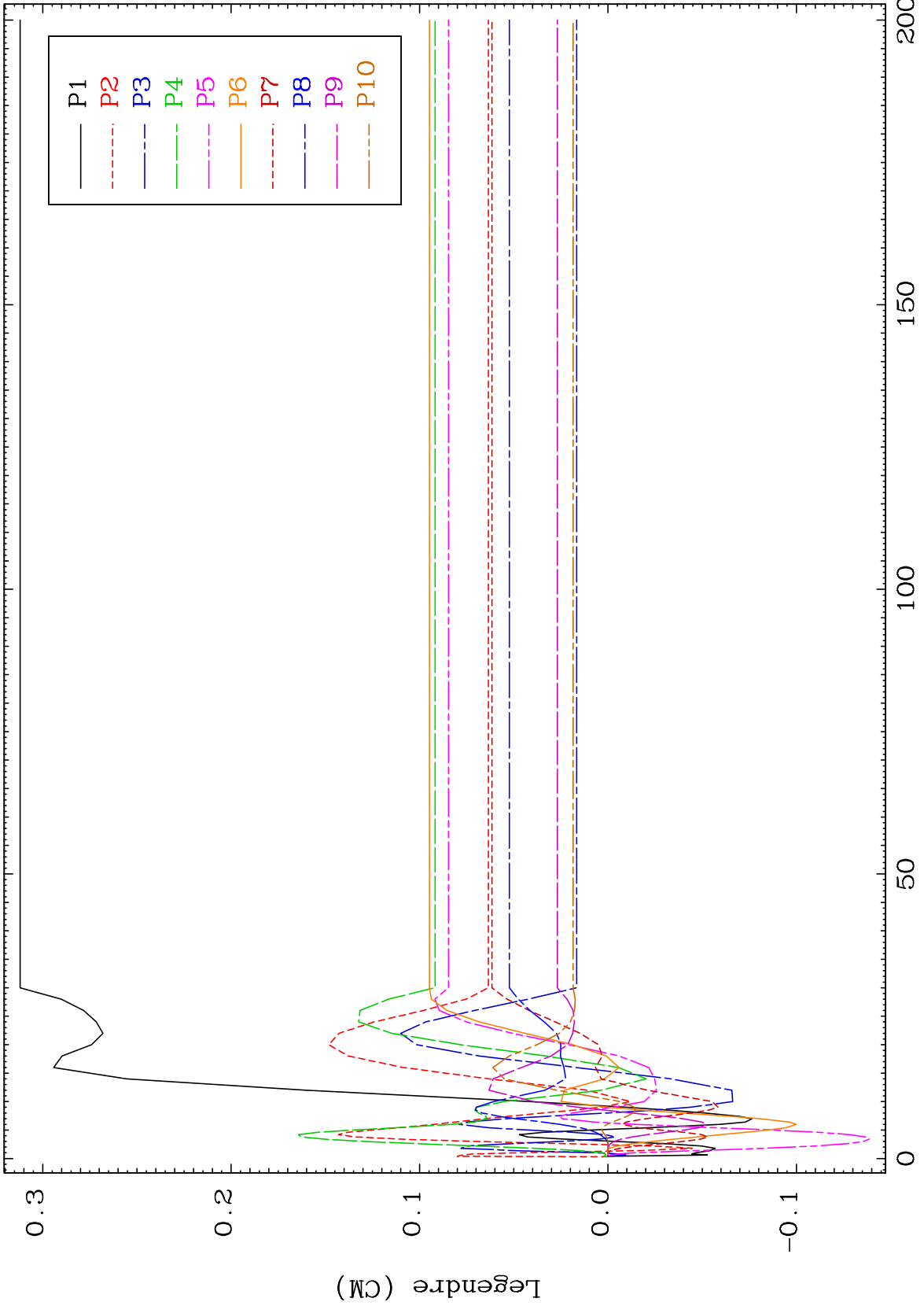
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



47

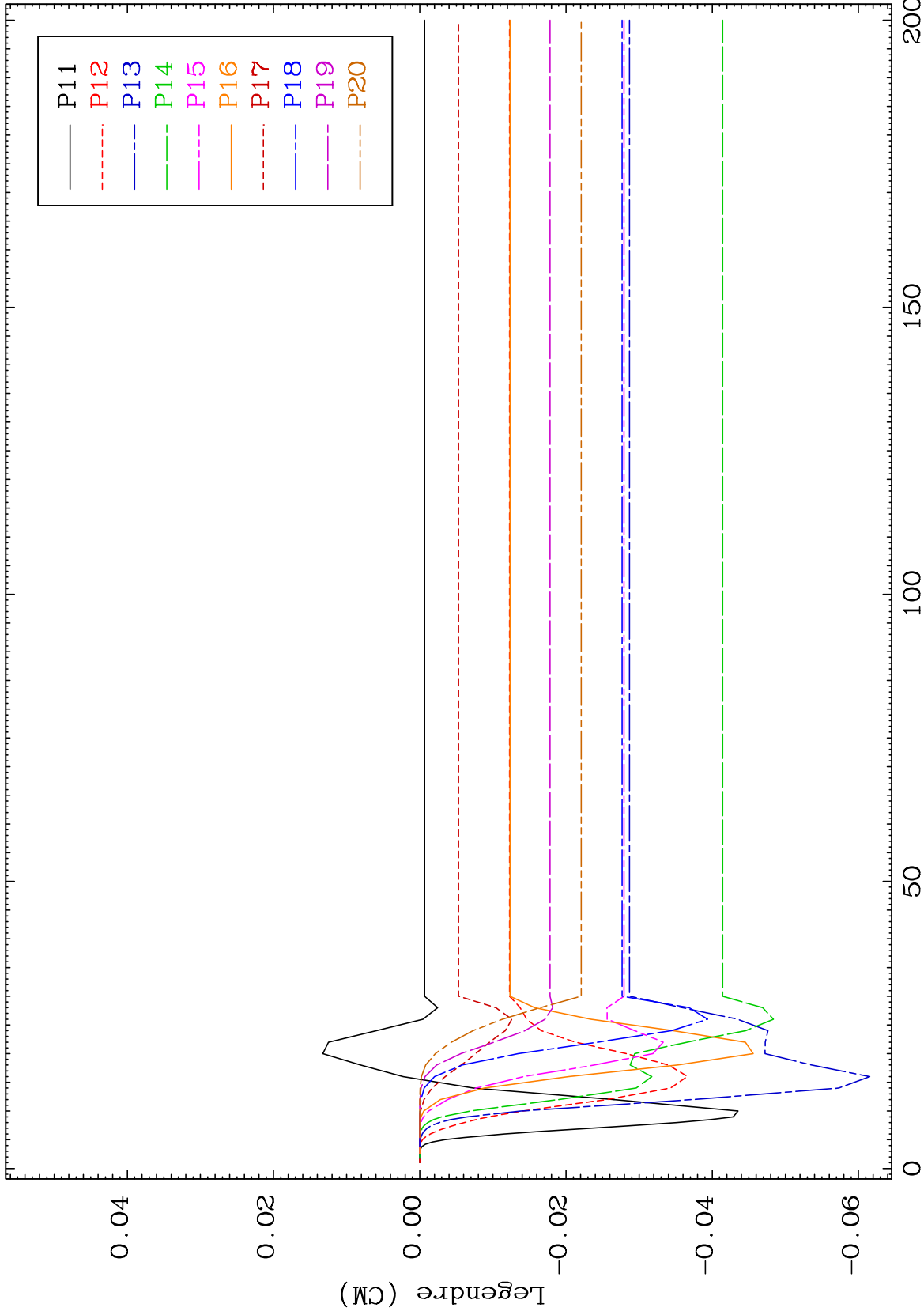
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

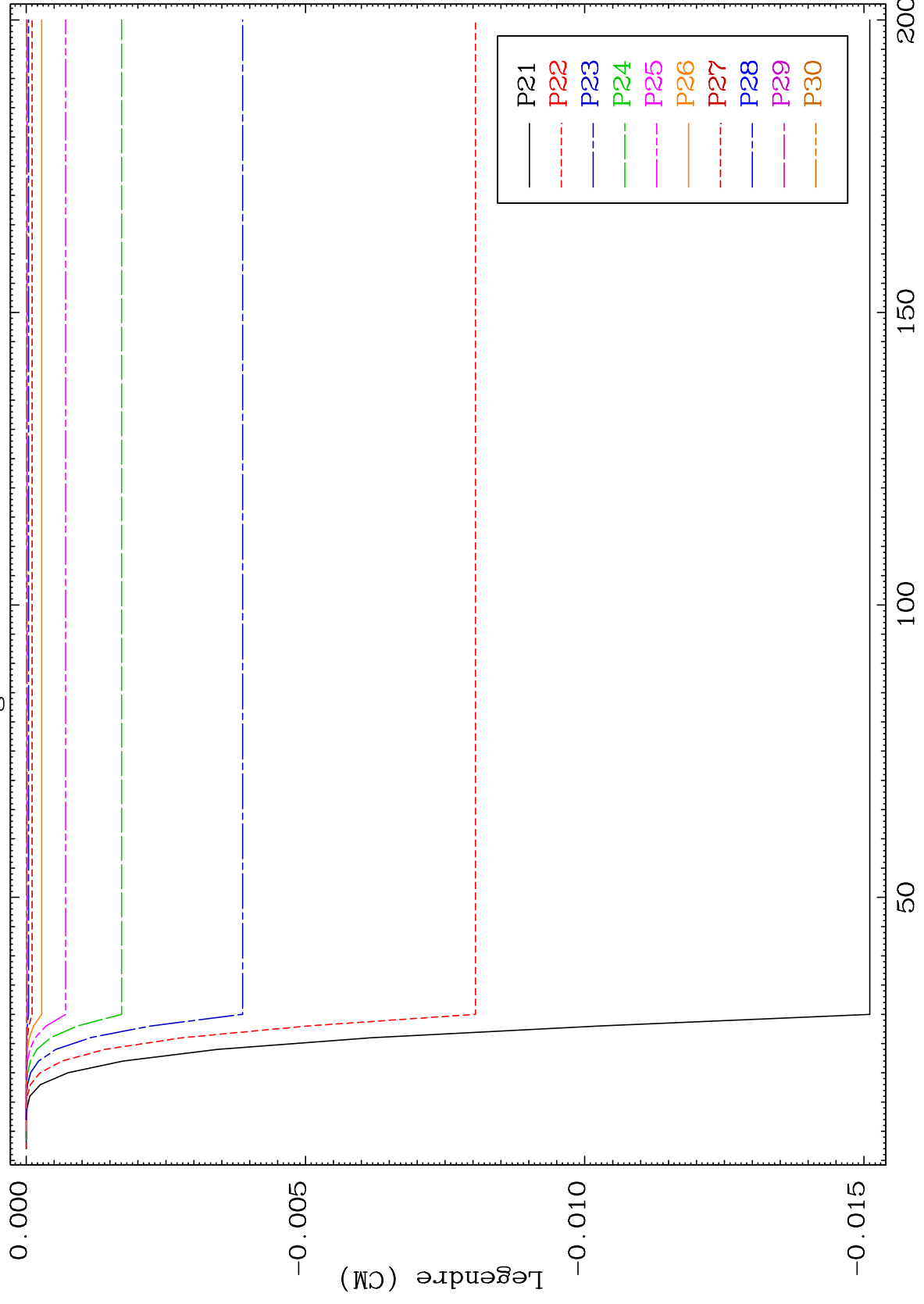
71-Lu-168



48

Incident Energy (MeV)

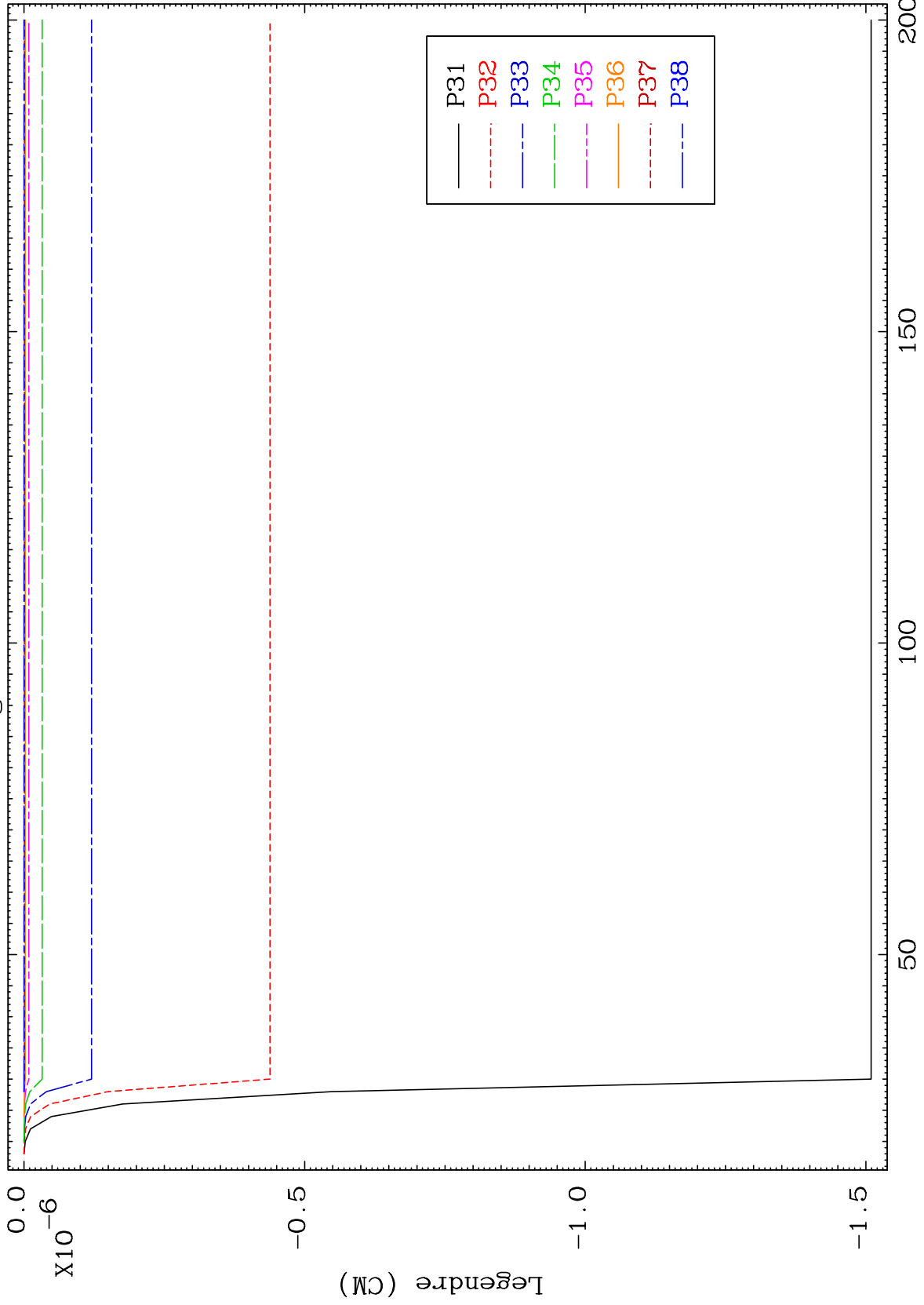
71-Lu-168



MAT 7104

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

71-Lu-168



71-Lu-168

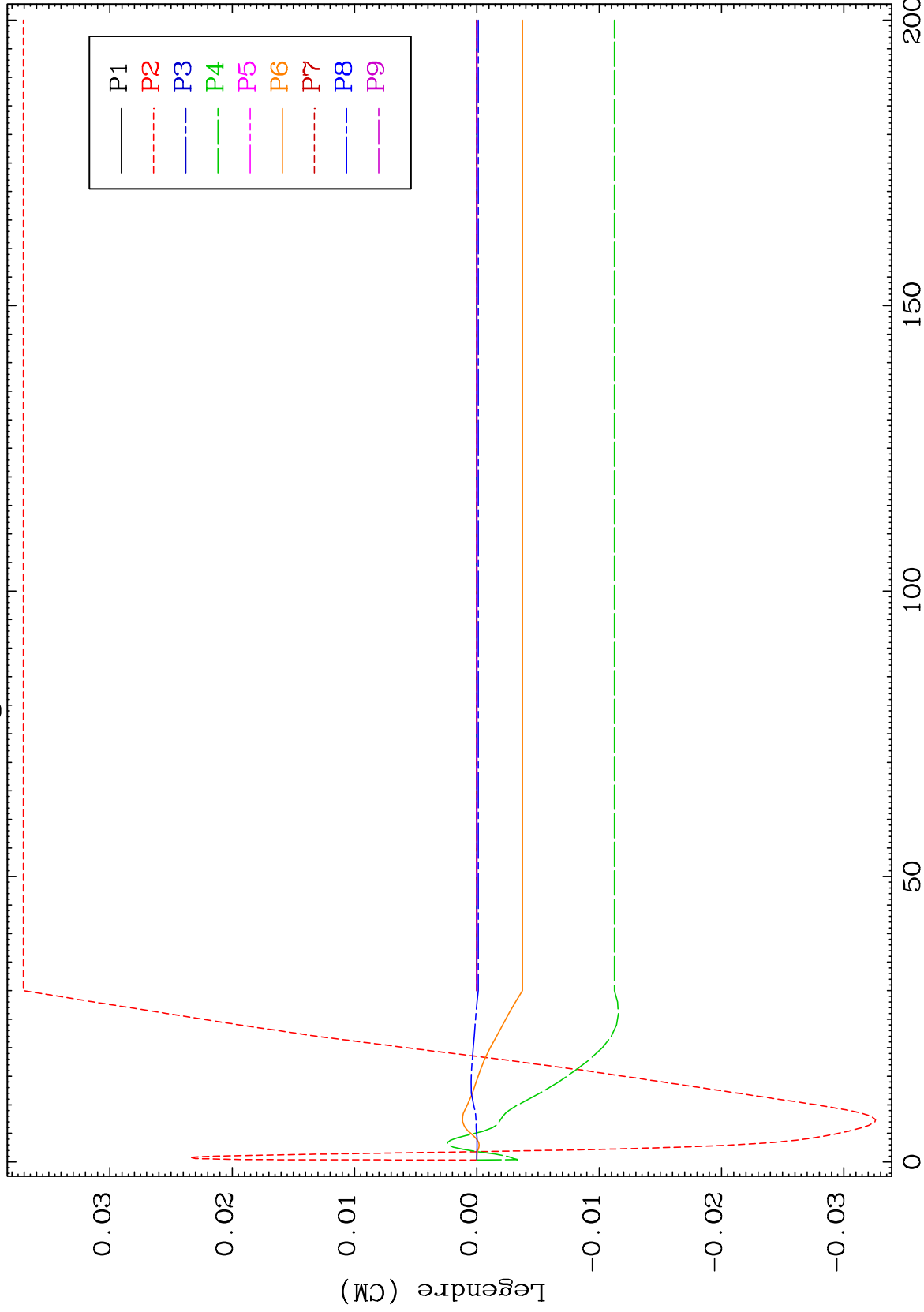
Incident Energy (MeV)

50

MAT 7104

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

71-Lu-168



51

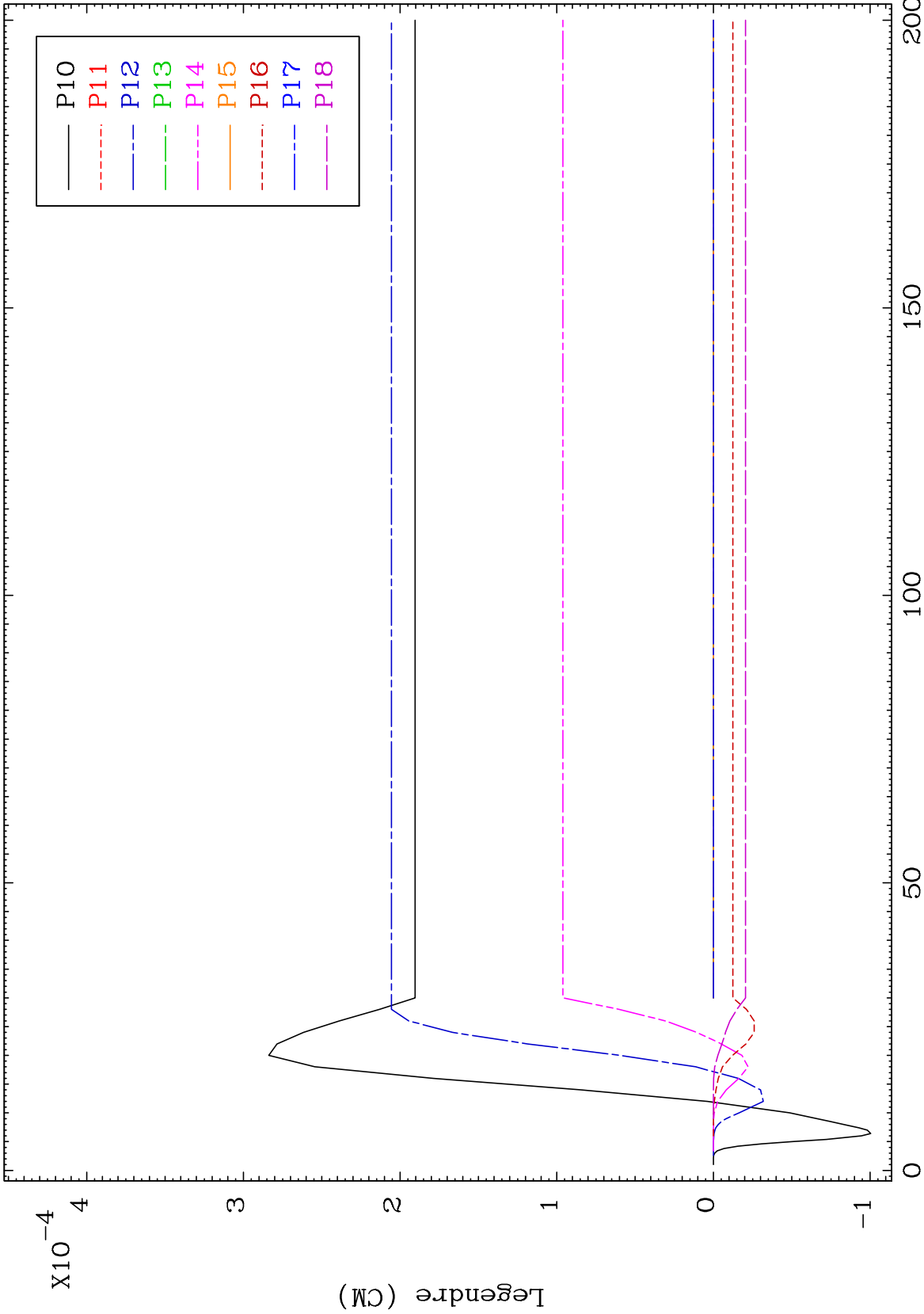
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



52

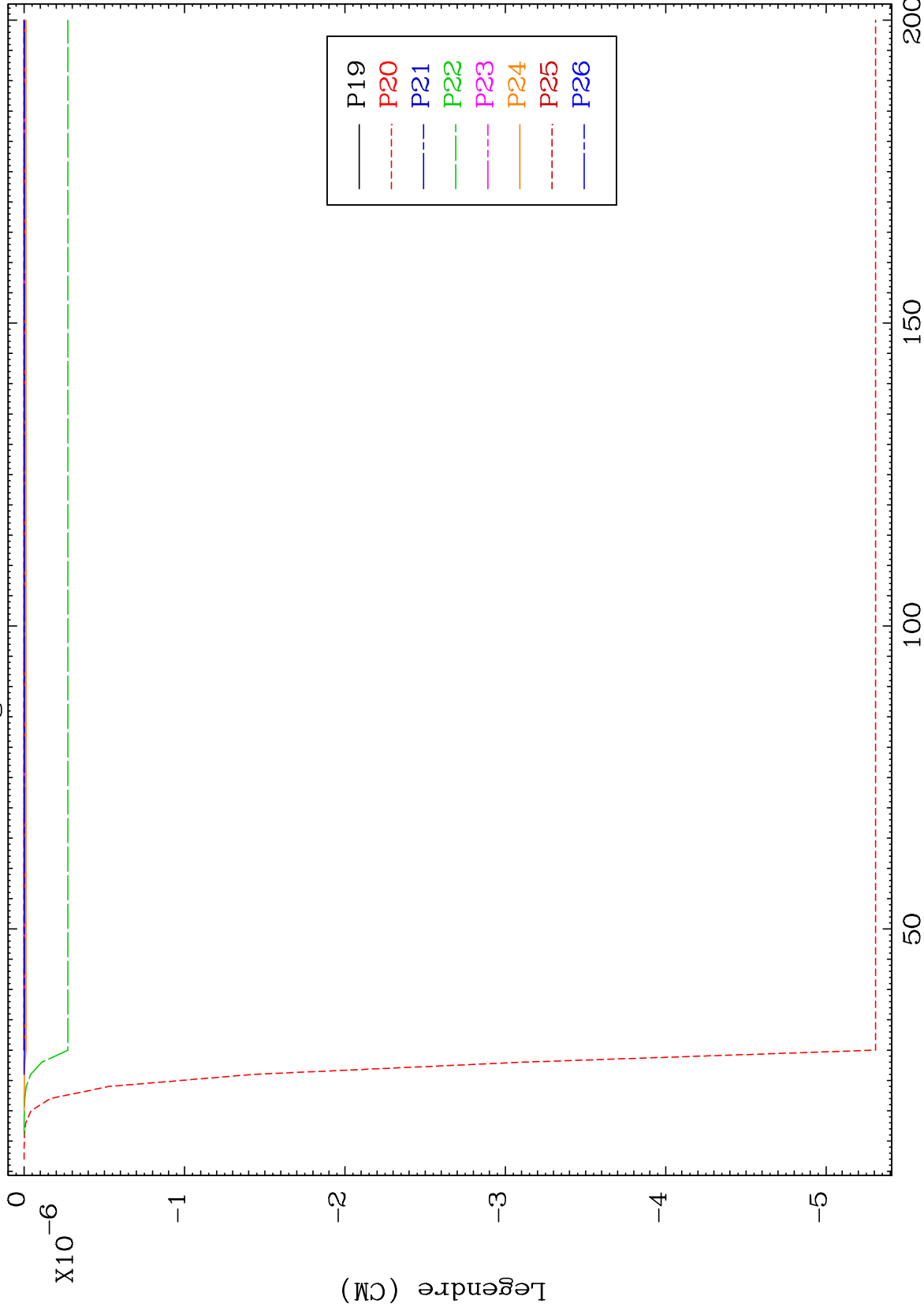
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



53

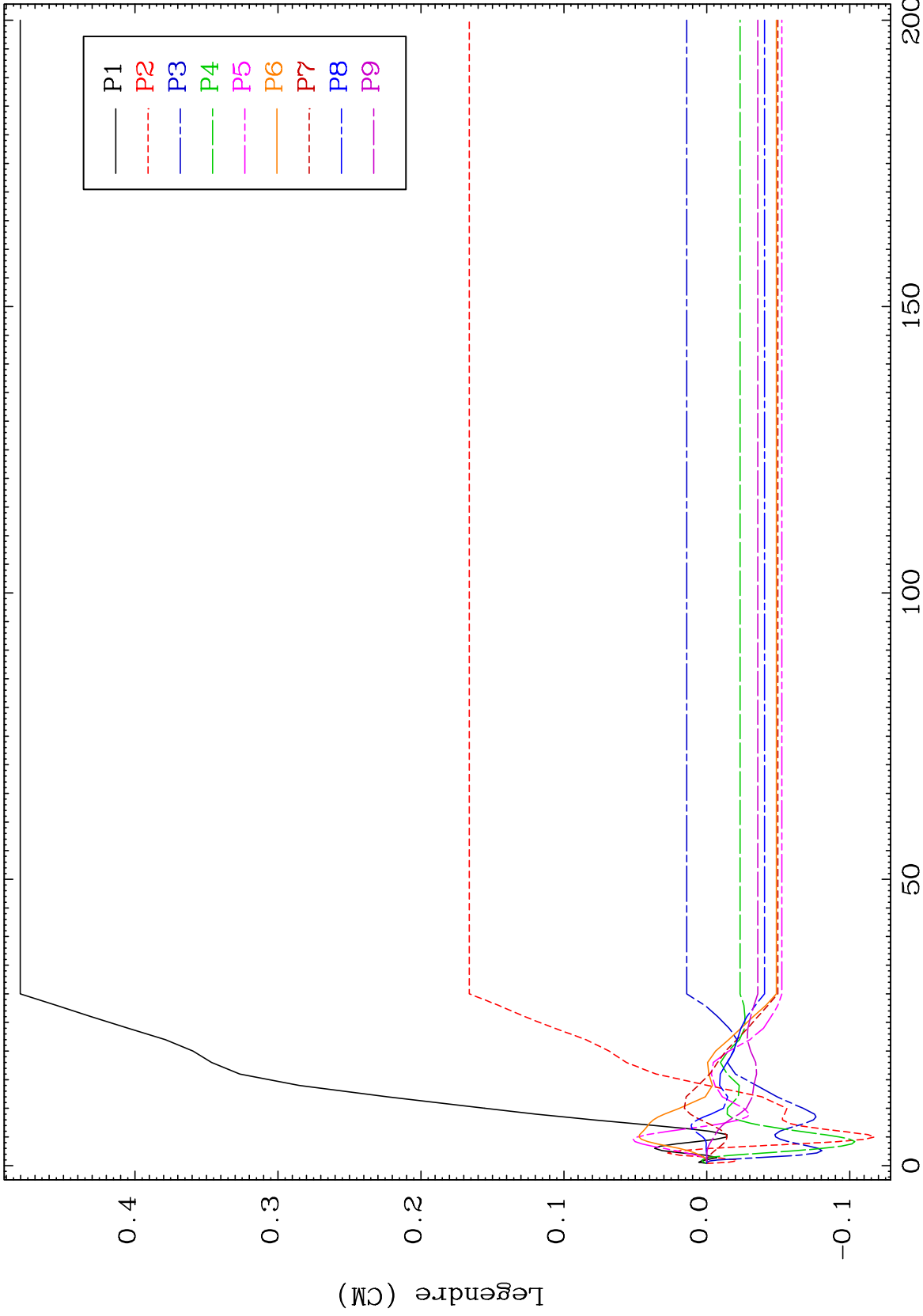
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



54

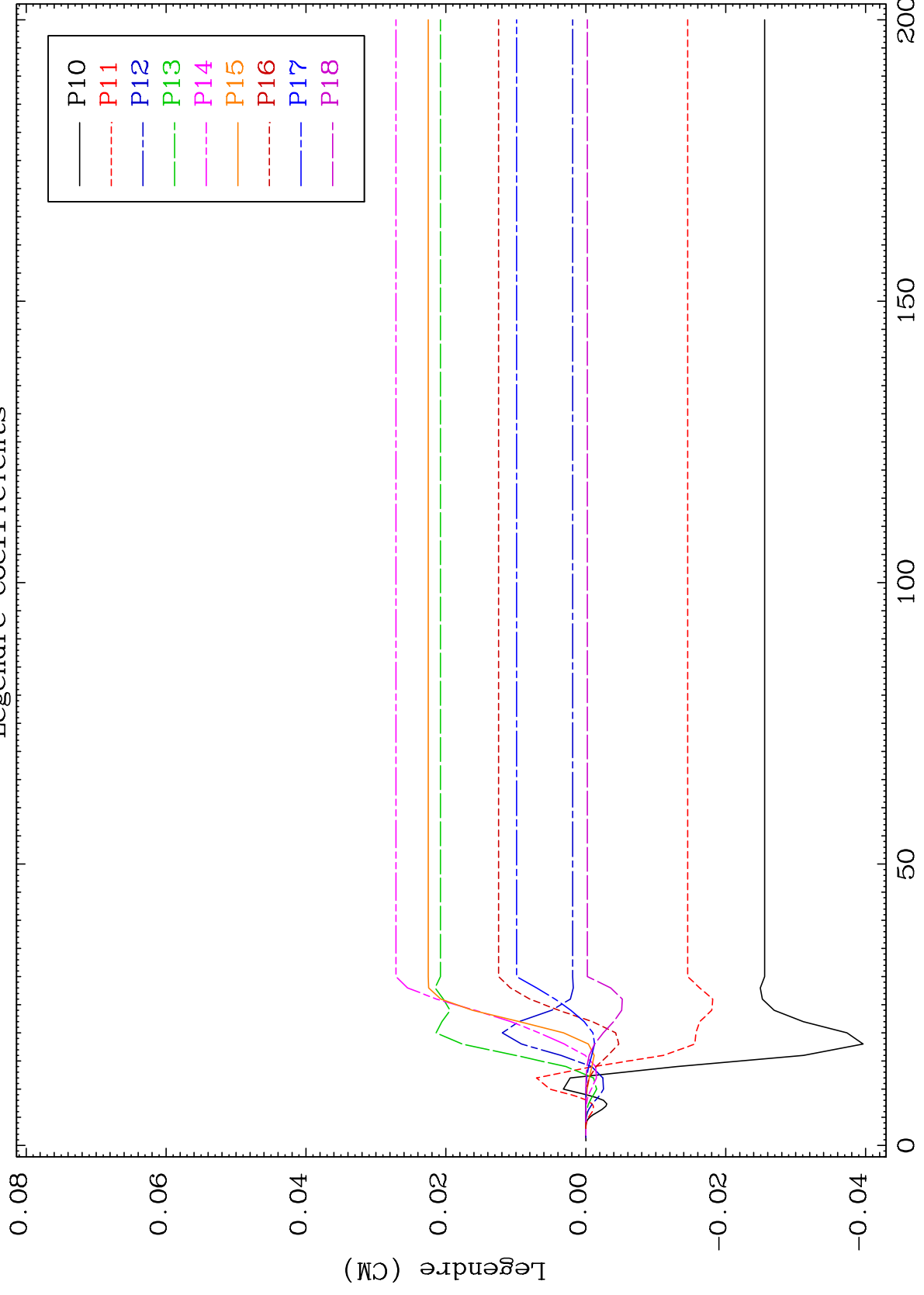
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



71-Lu-168

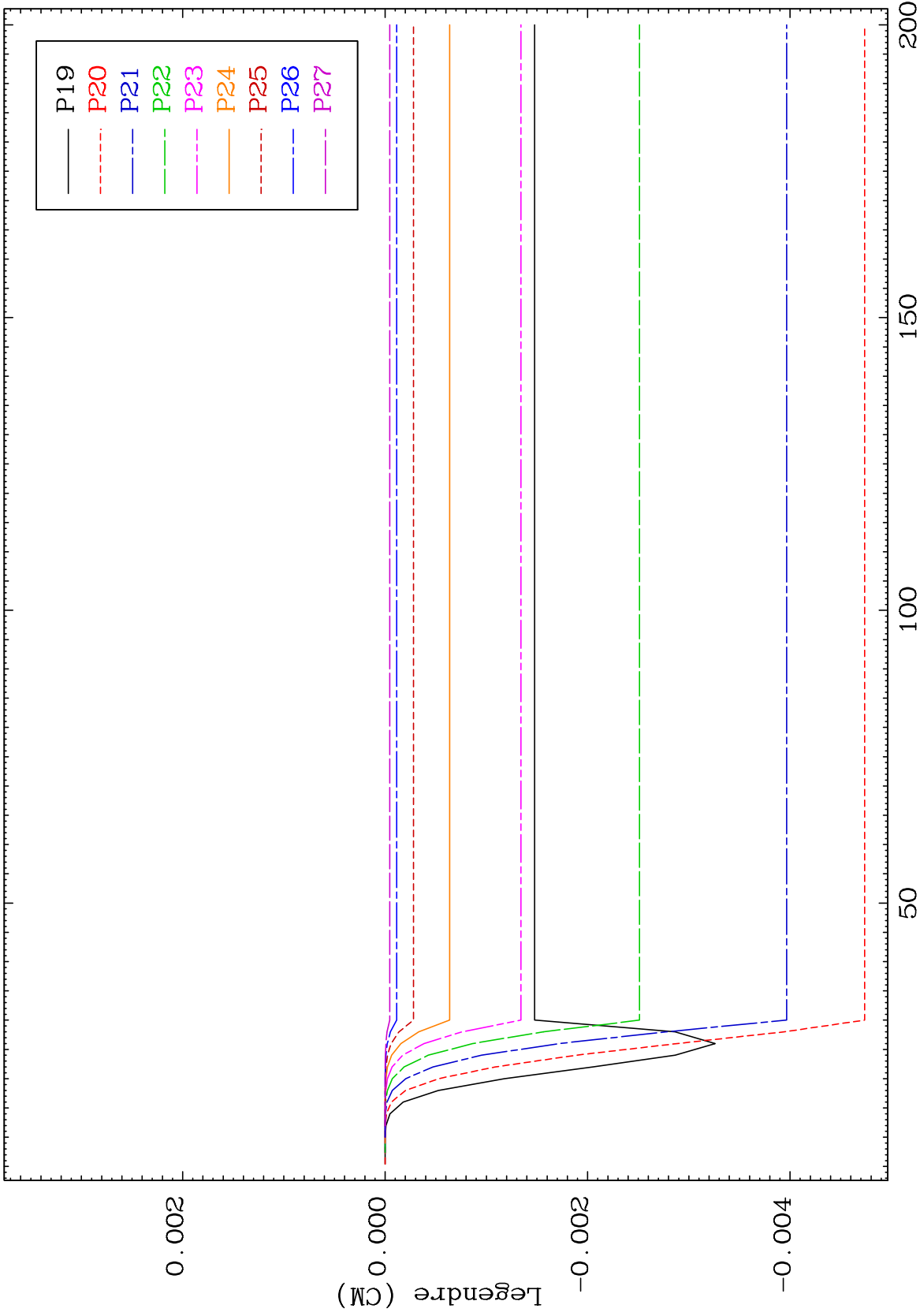
Incident Energy (MeV)

55

MAT 7104

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

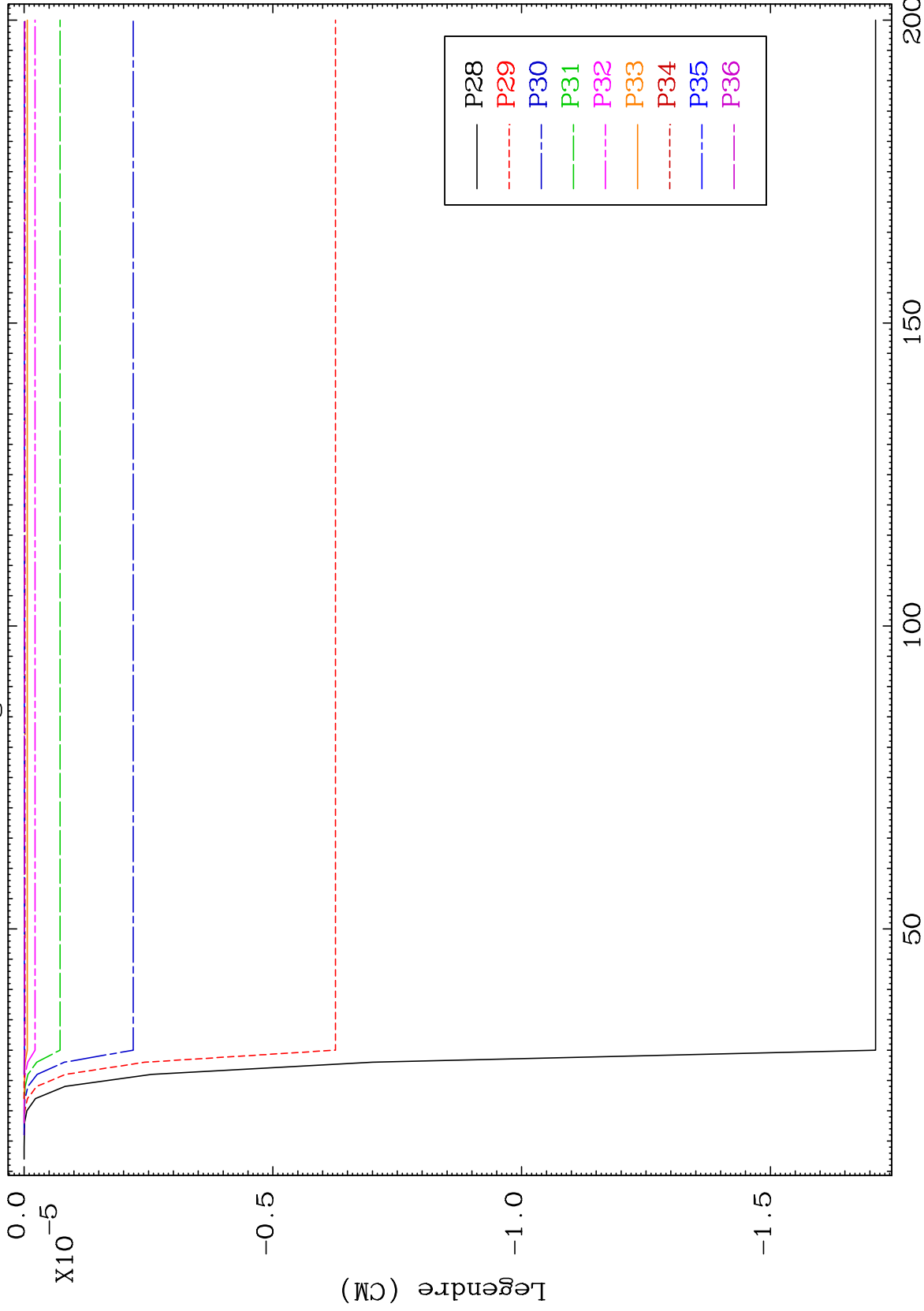
71-Lu-168



56

Incident Energy (MeV)

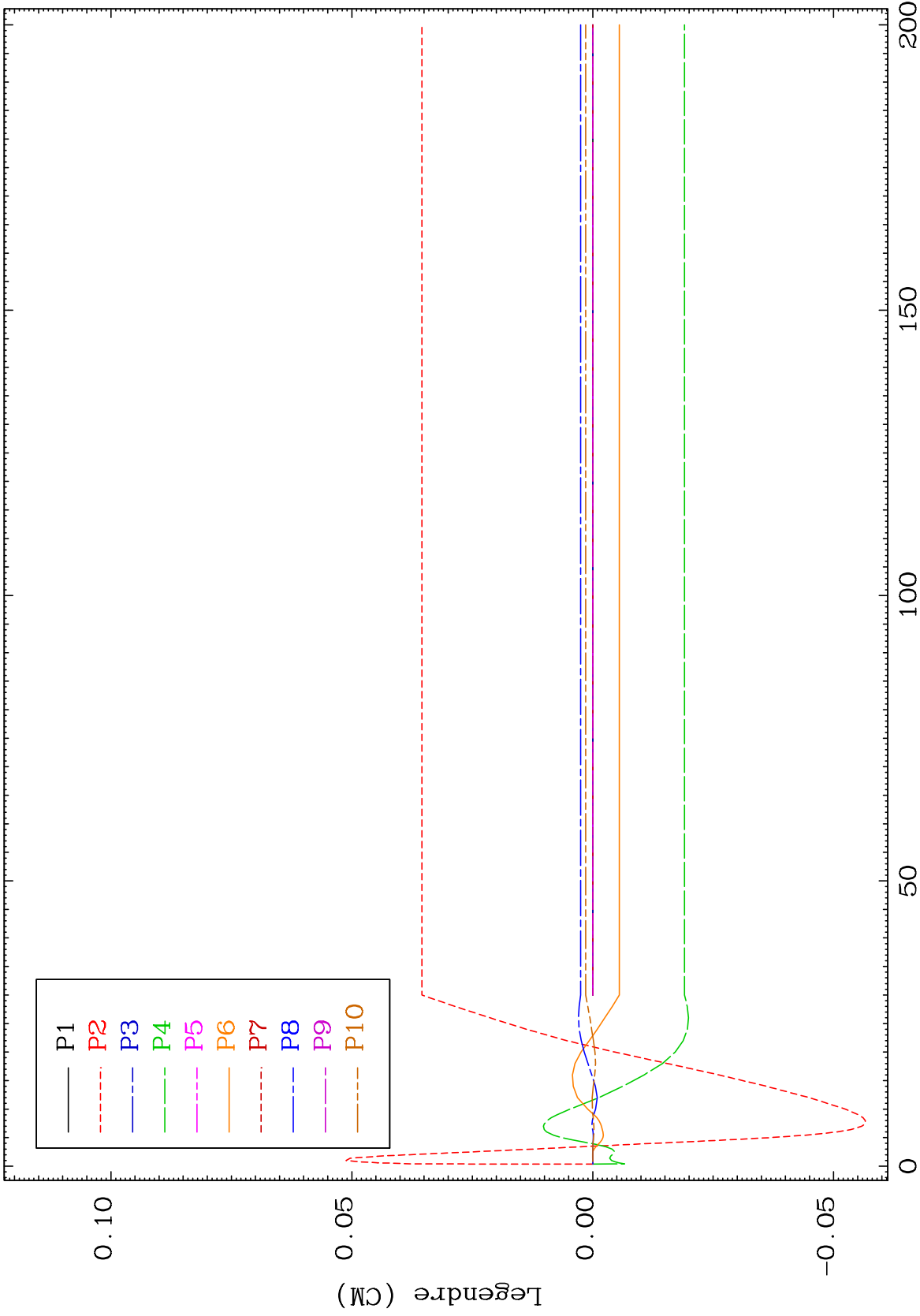
71-Lu-168



MAT 7104

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

71-Lu-168



58

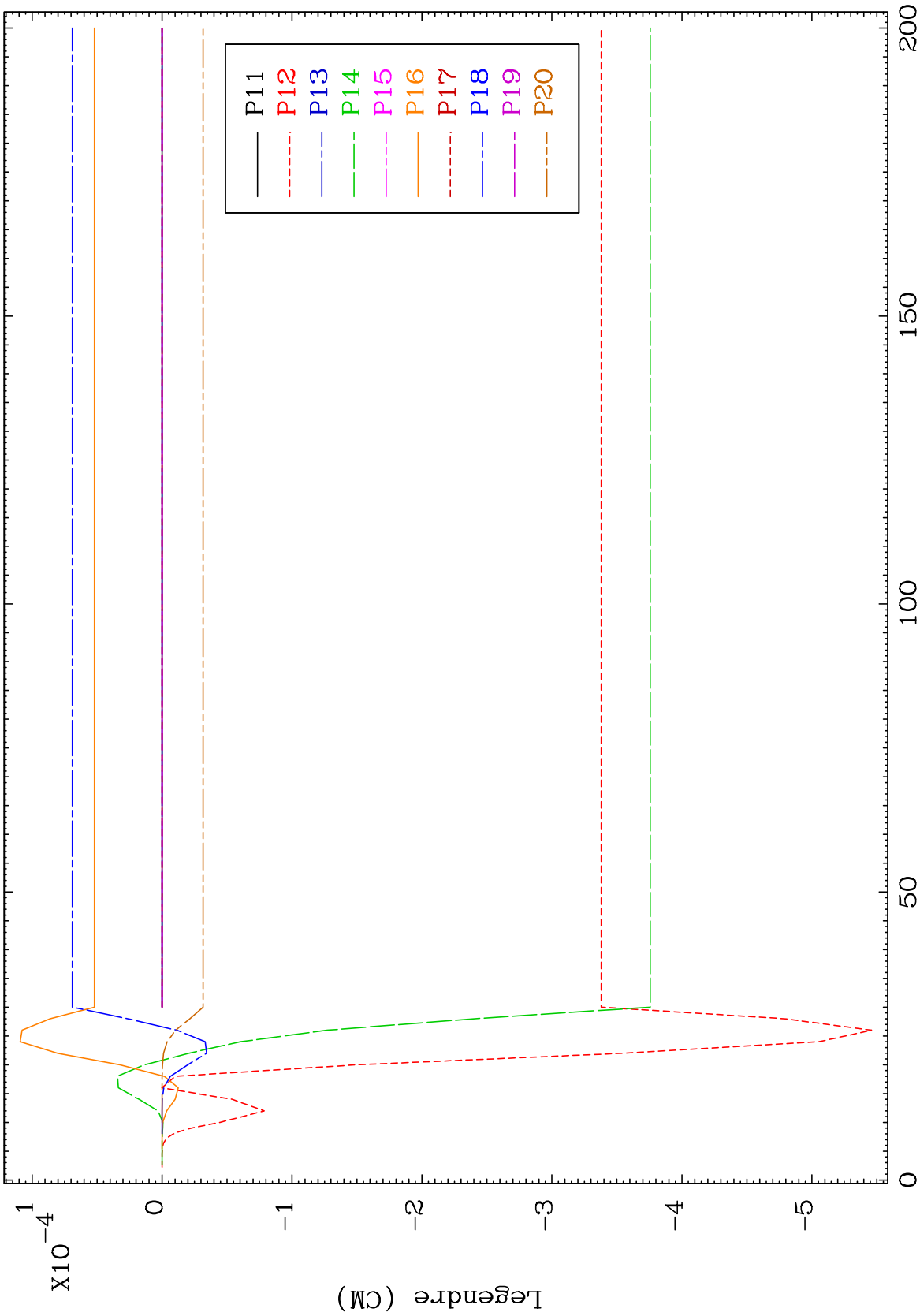
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



59

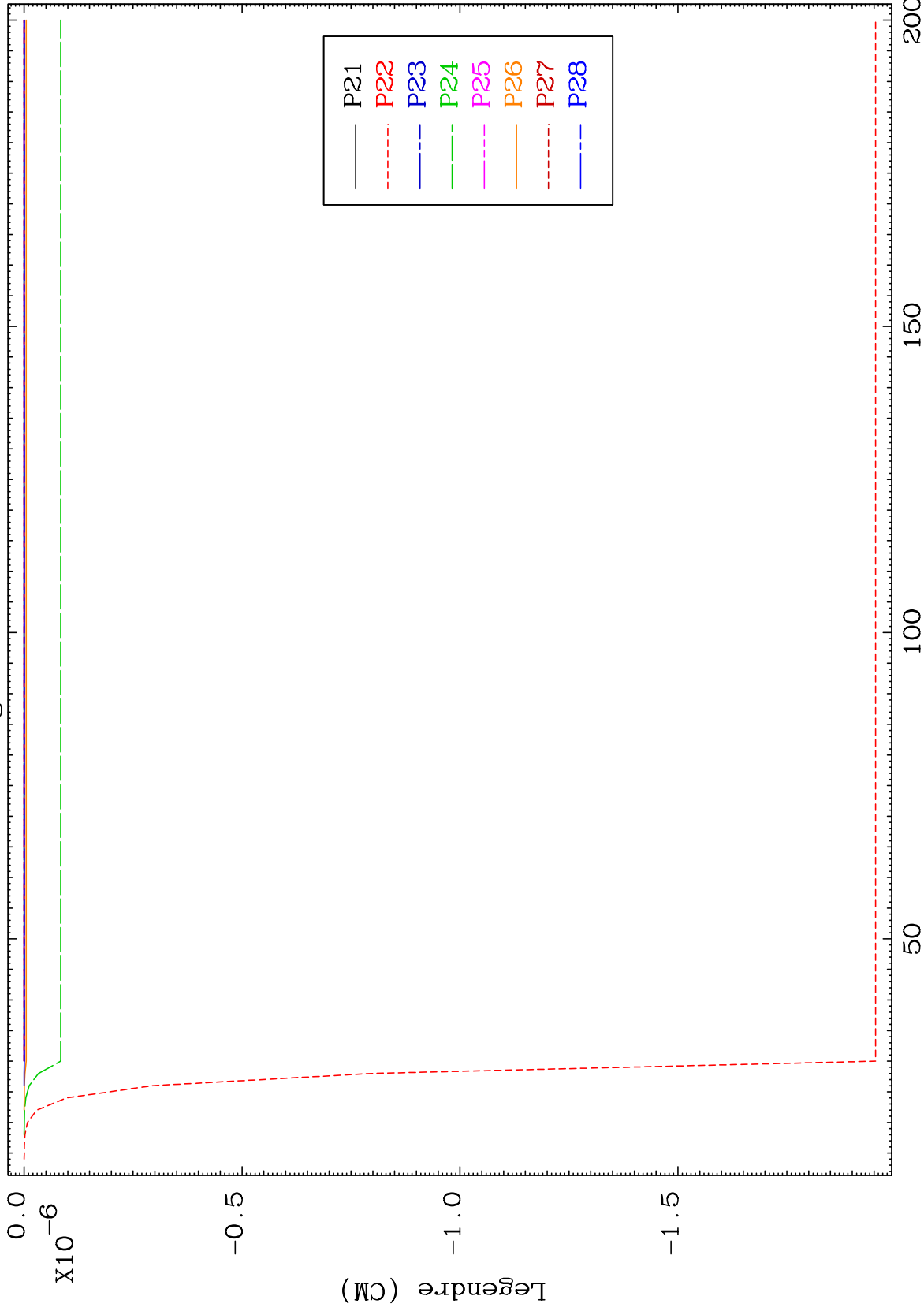
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



71-Lu-168

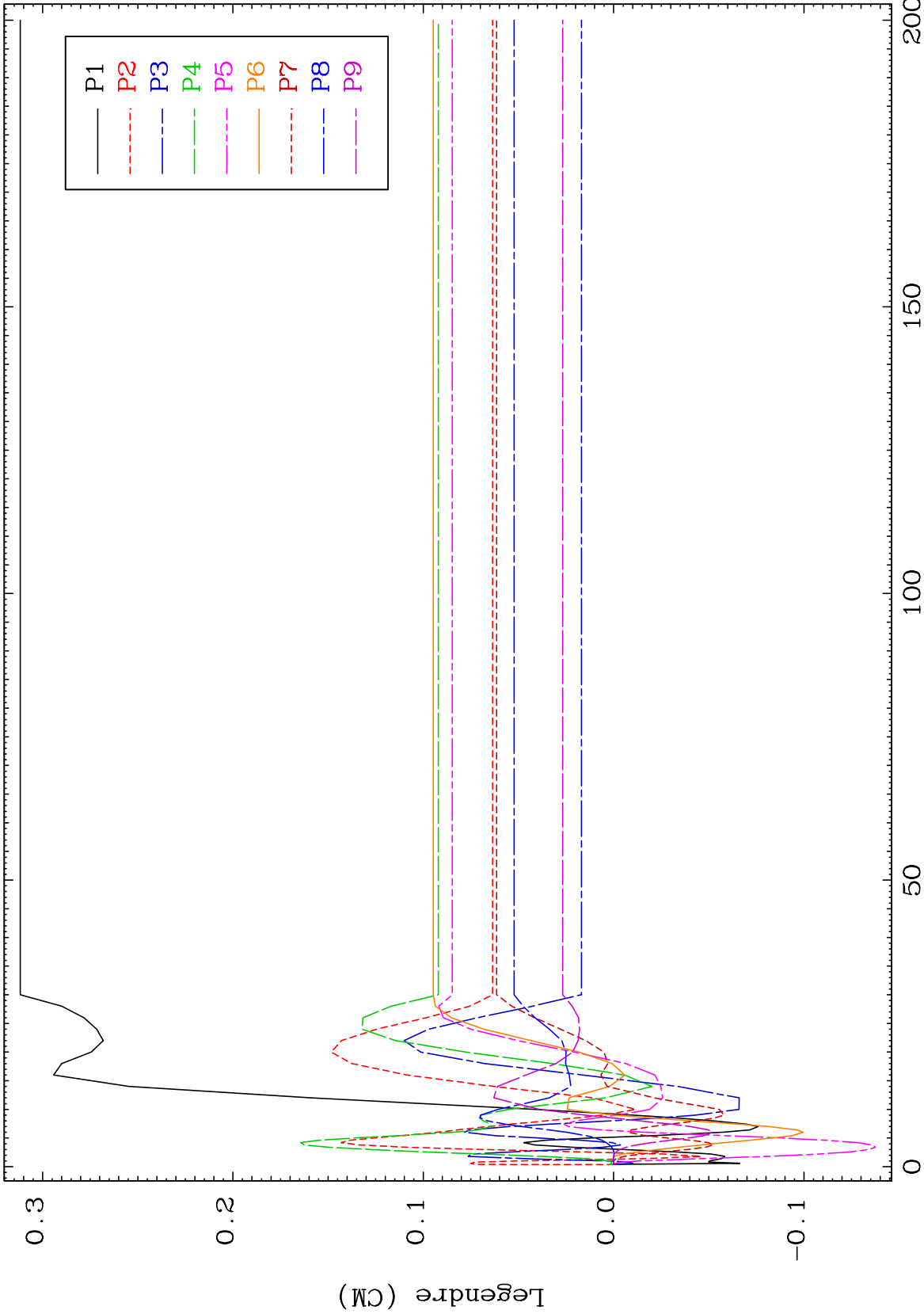
Incident Energy (MeV)

60

MAT 7104

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

71-Lu-168



61

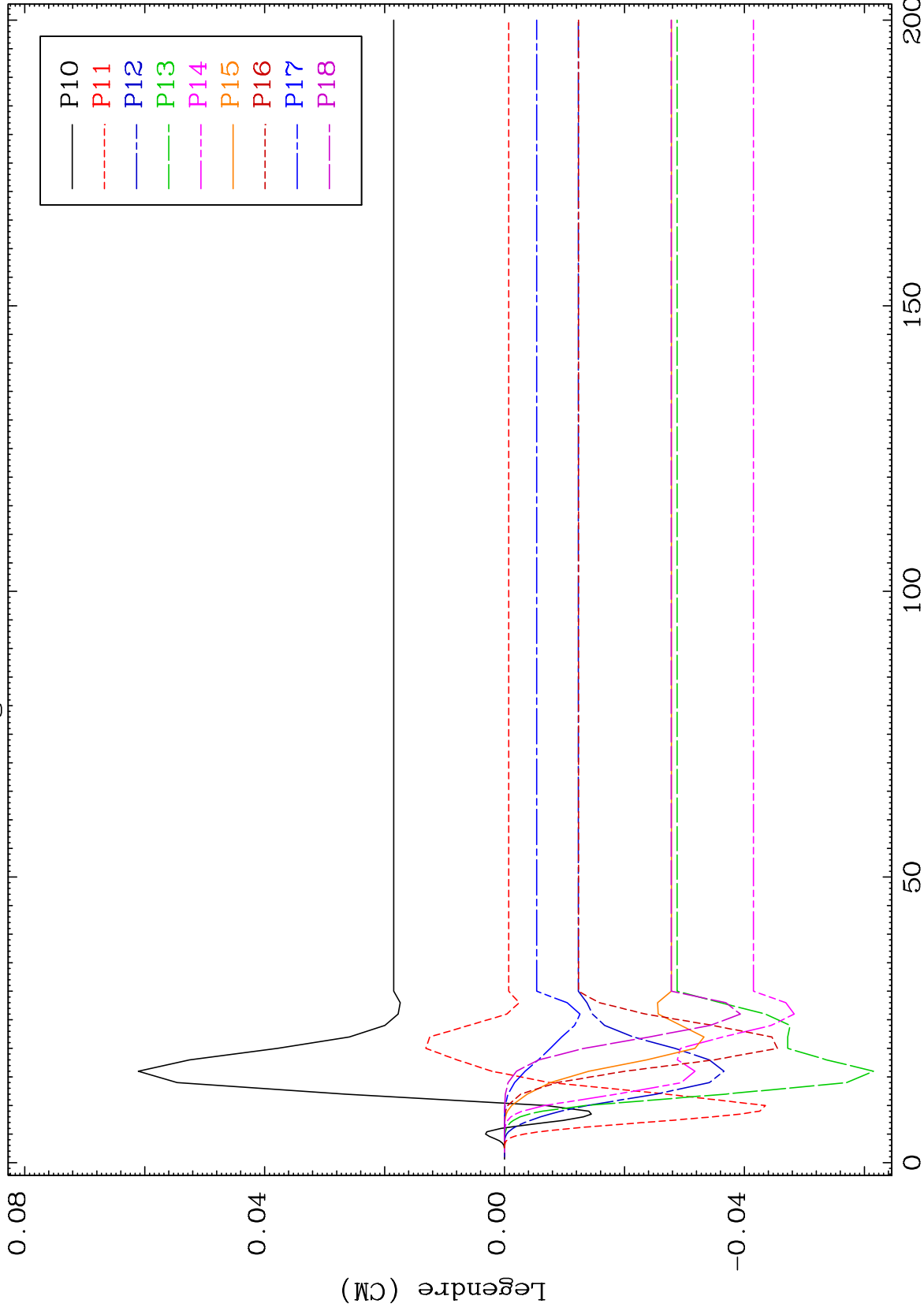
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



62

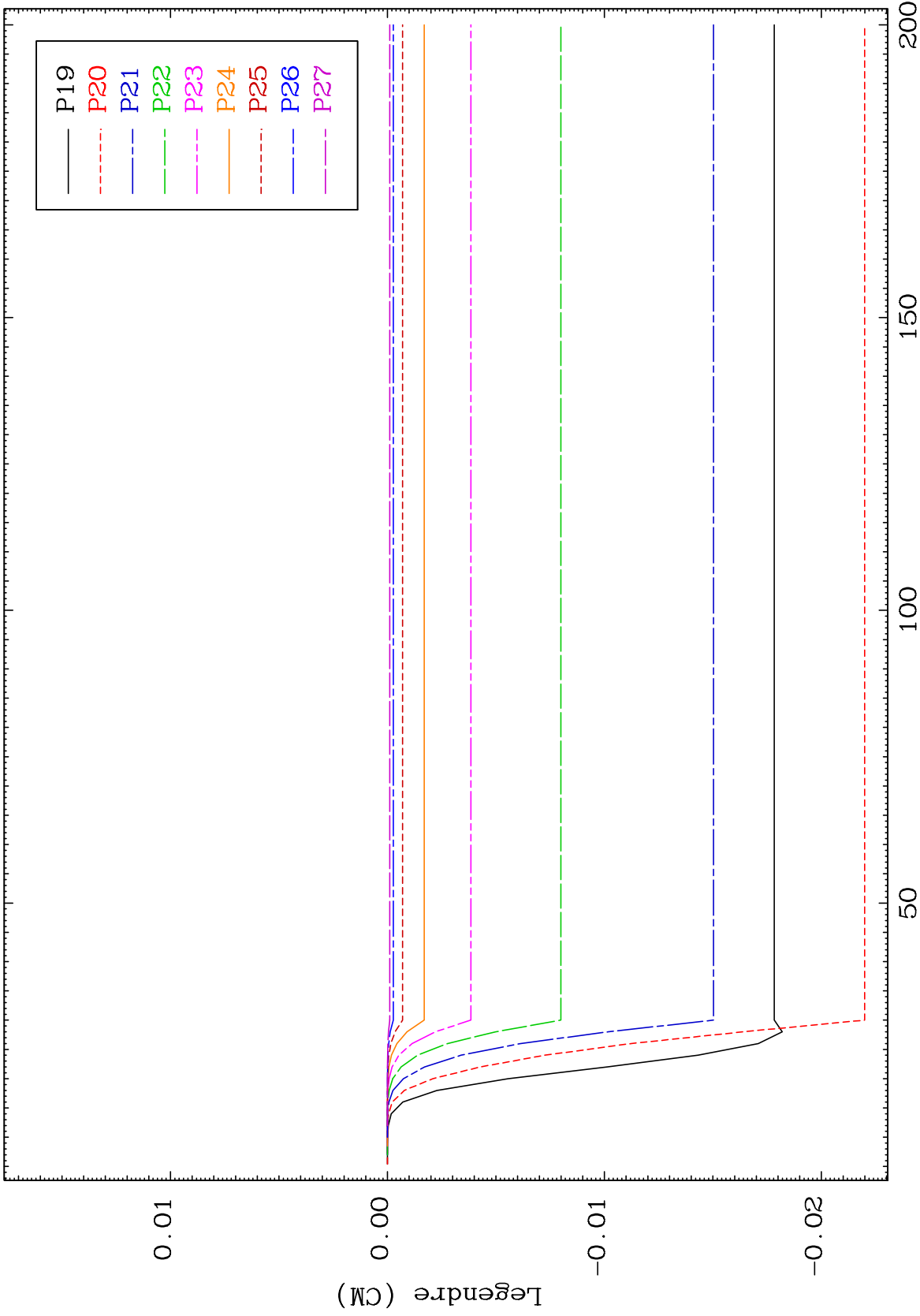
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



63

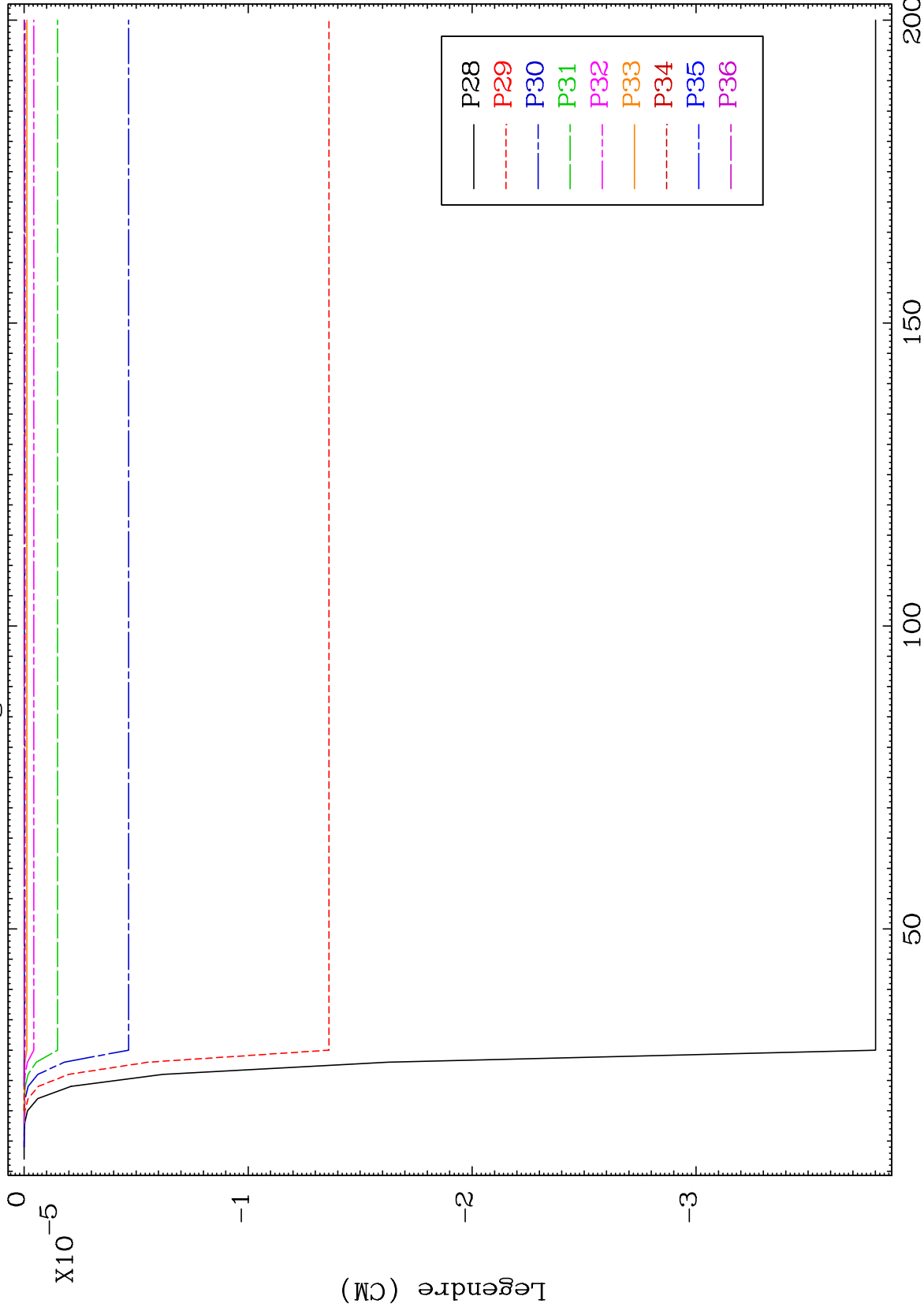
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



71-Lu-168

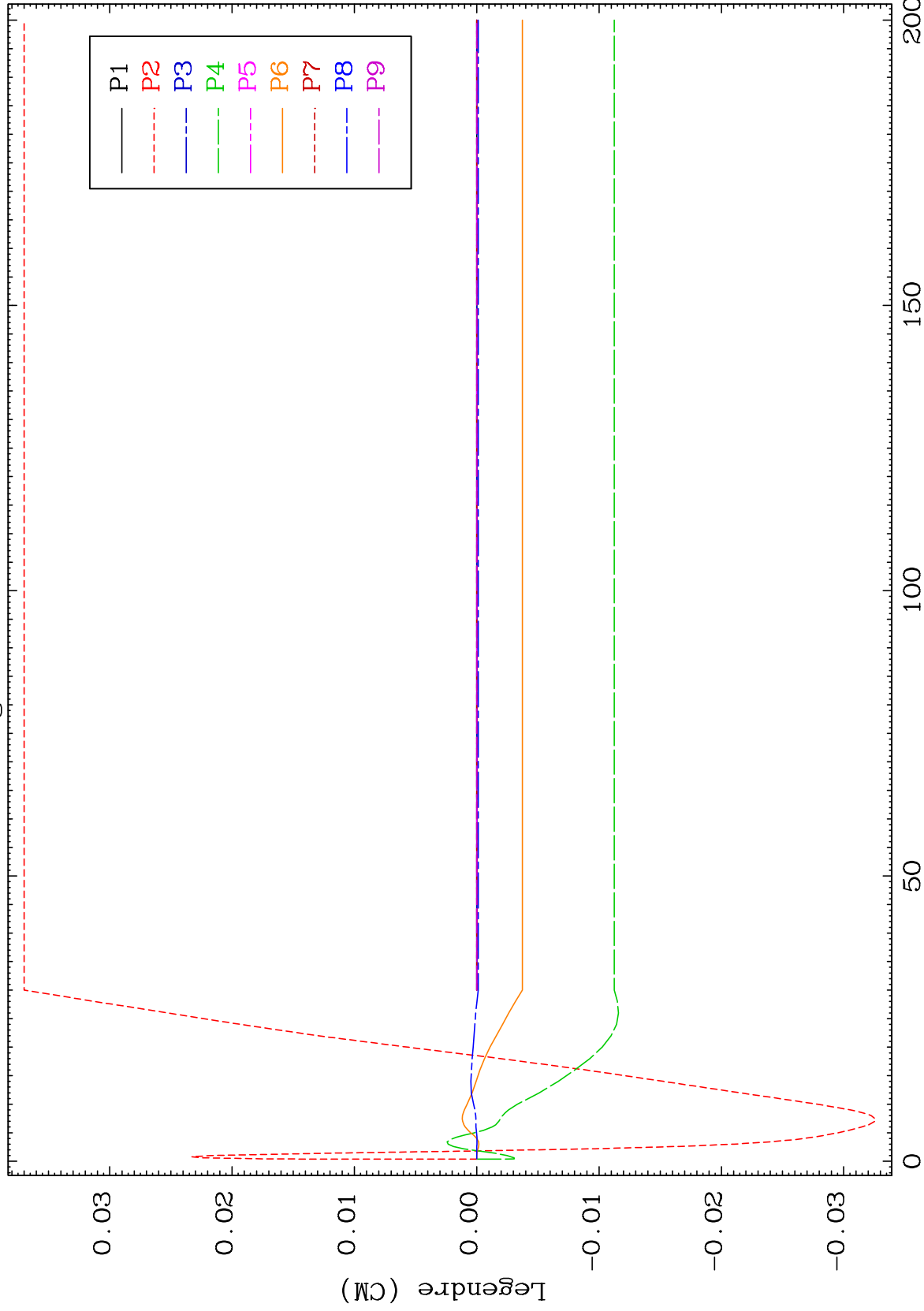
Incident Energy (MeV)

64

MAT 7104

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

71-Lu-168



65

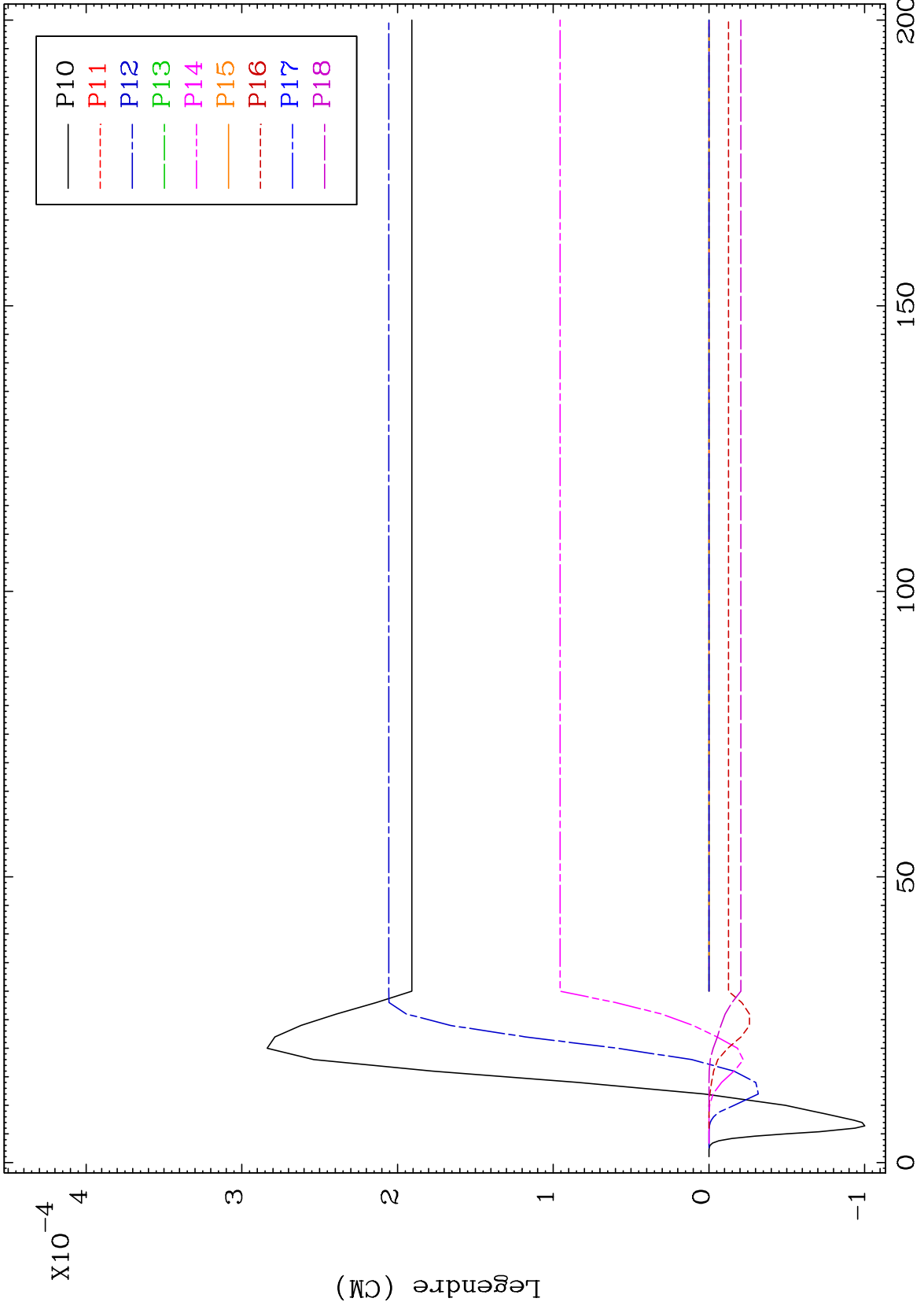
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



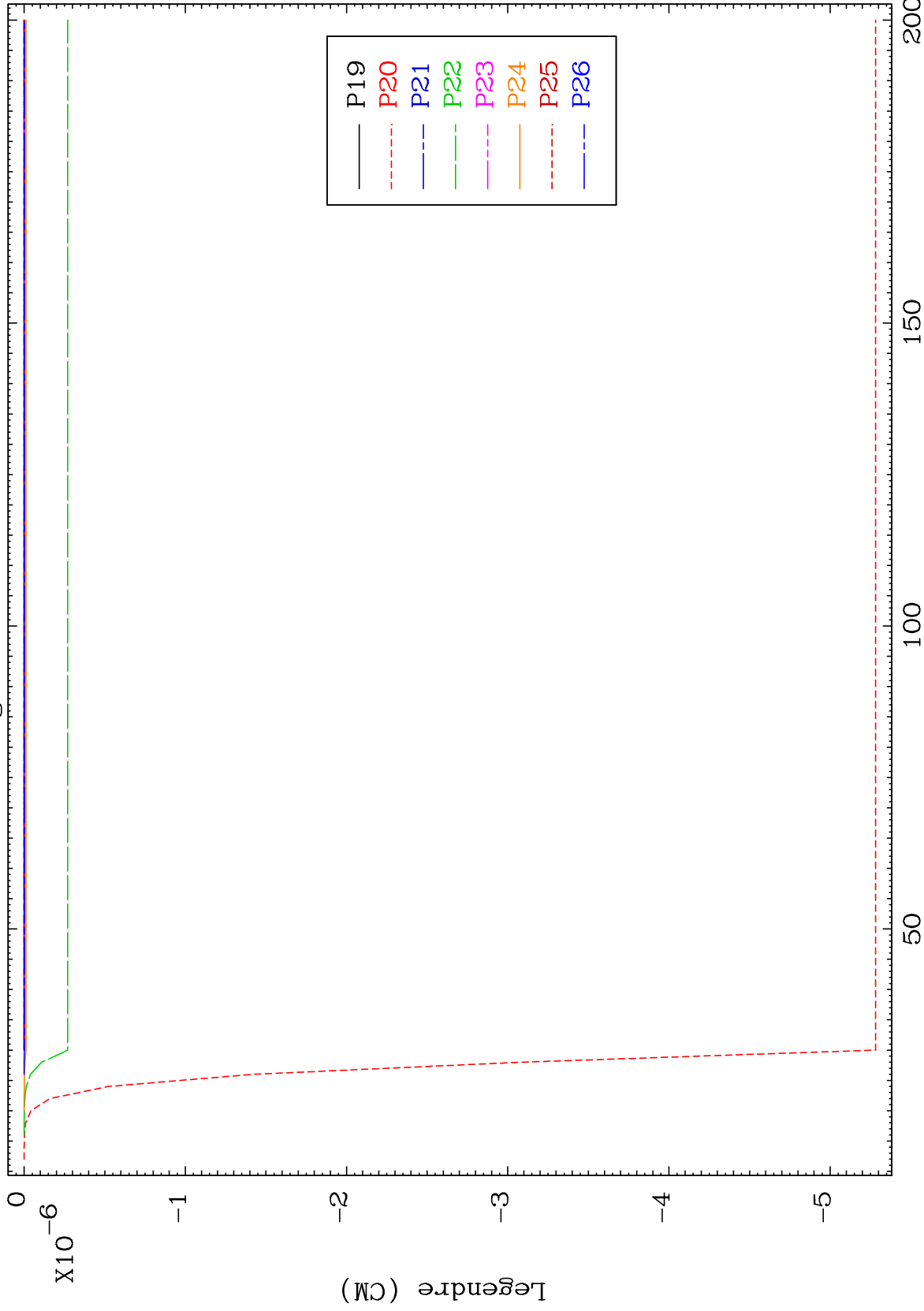
66

71-Lu-168

MAT 7104

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

71-Lu-168



67

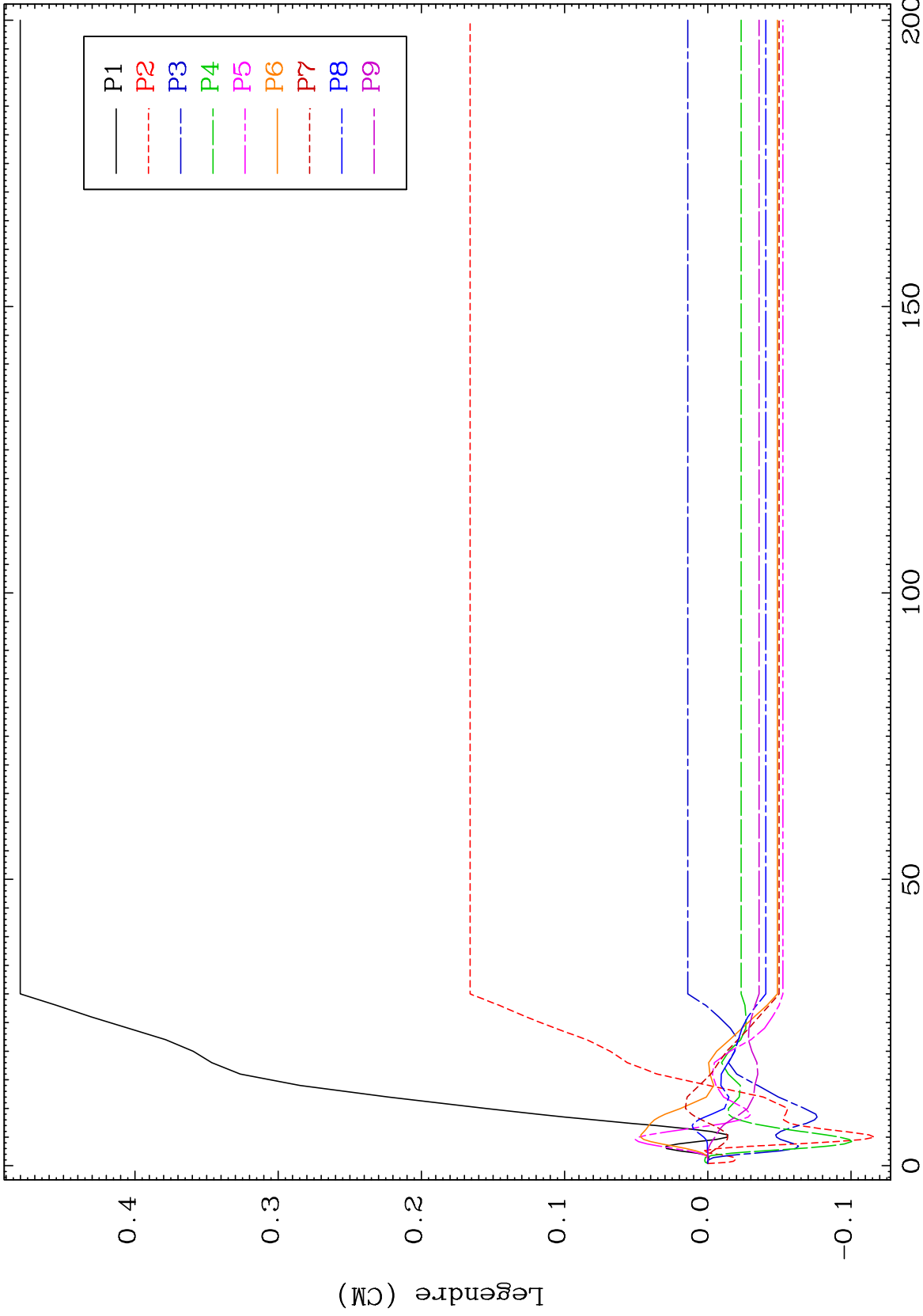
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



68

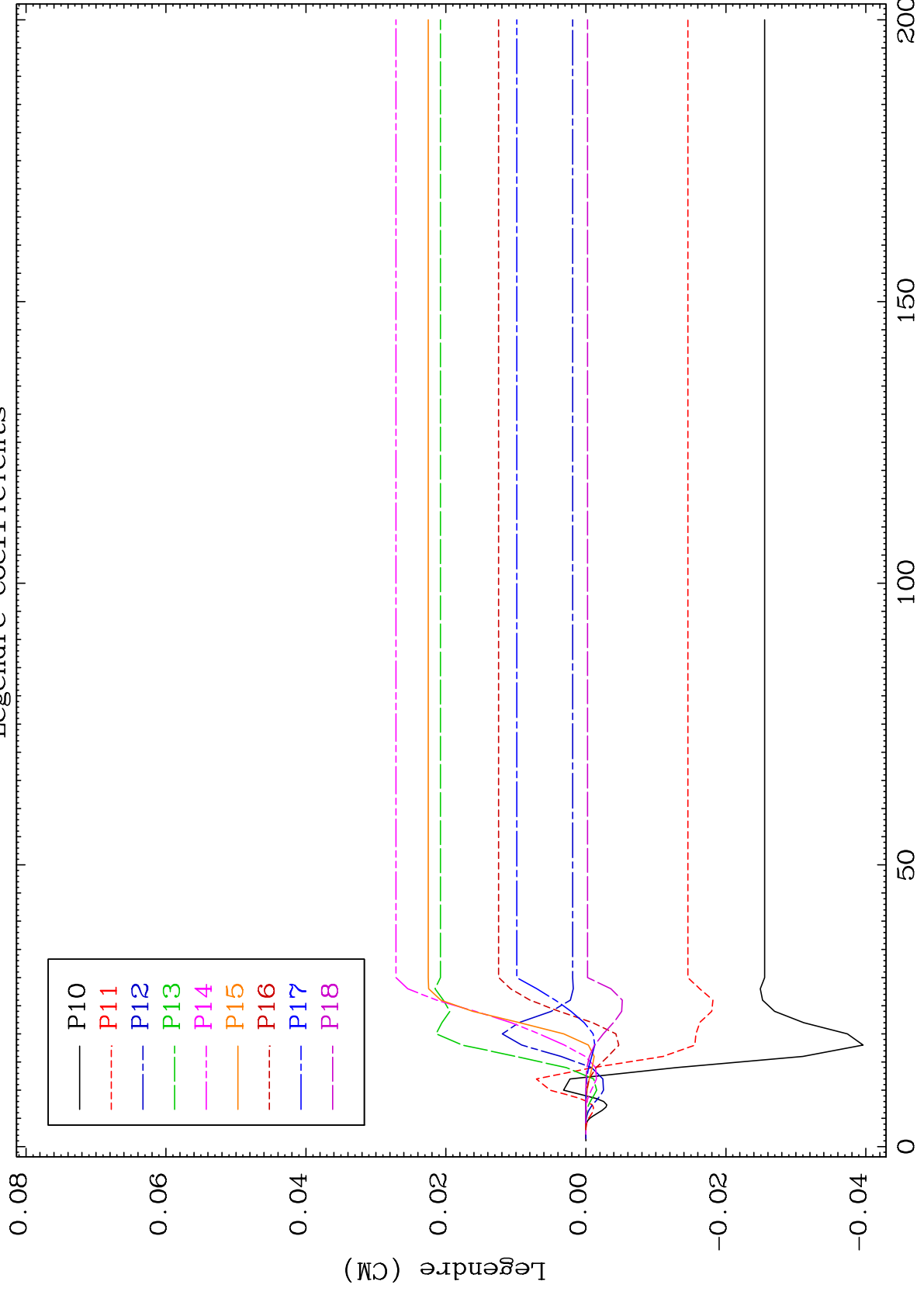
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



69

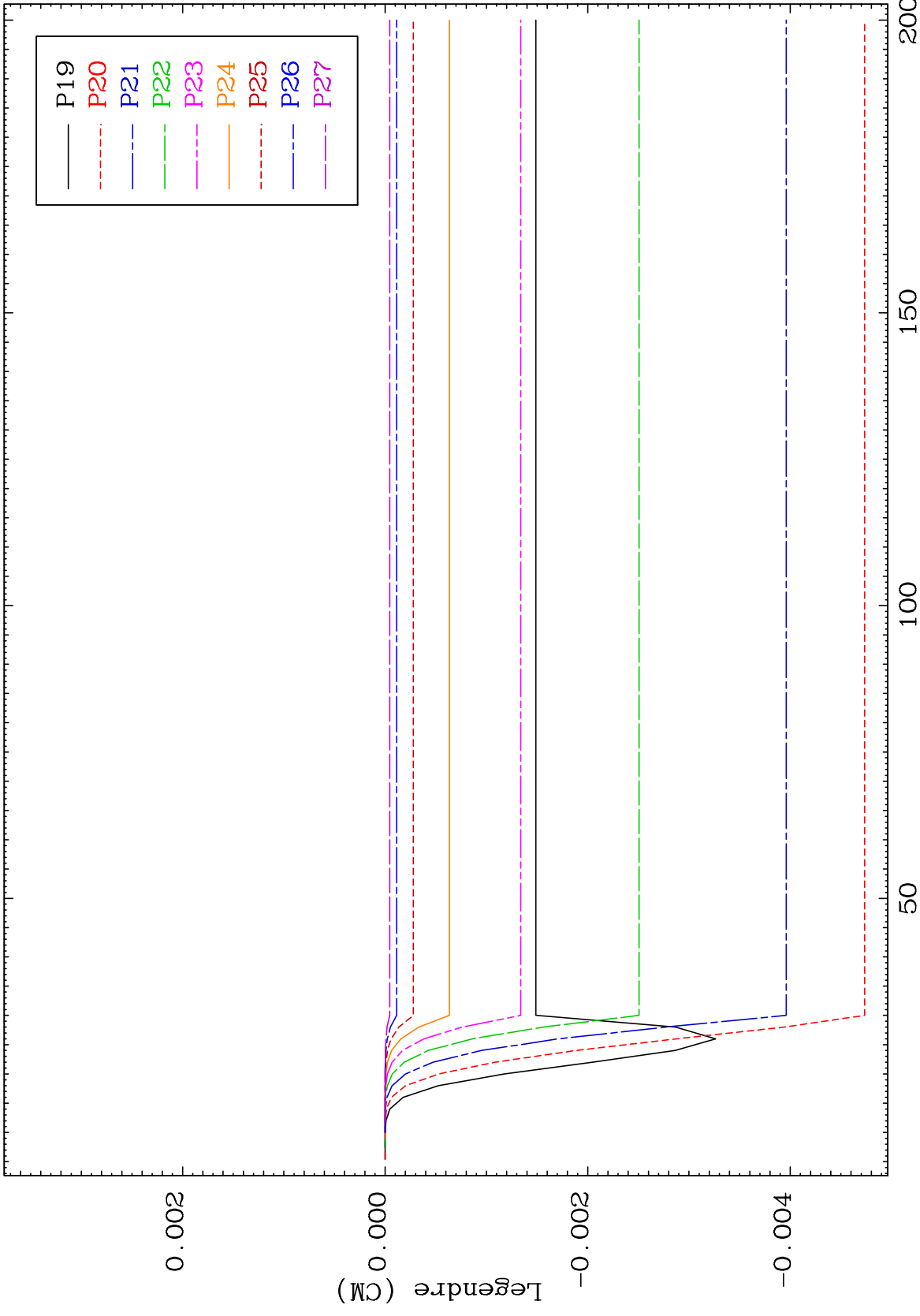
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



70

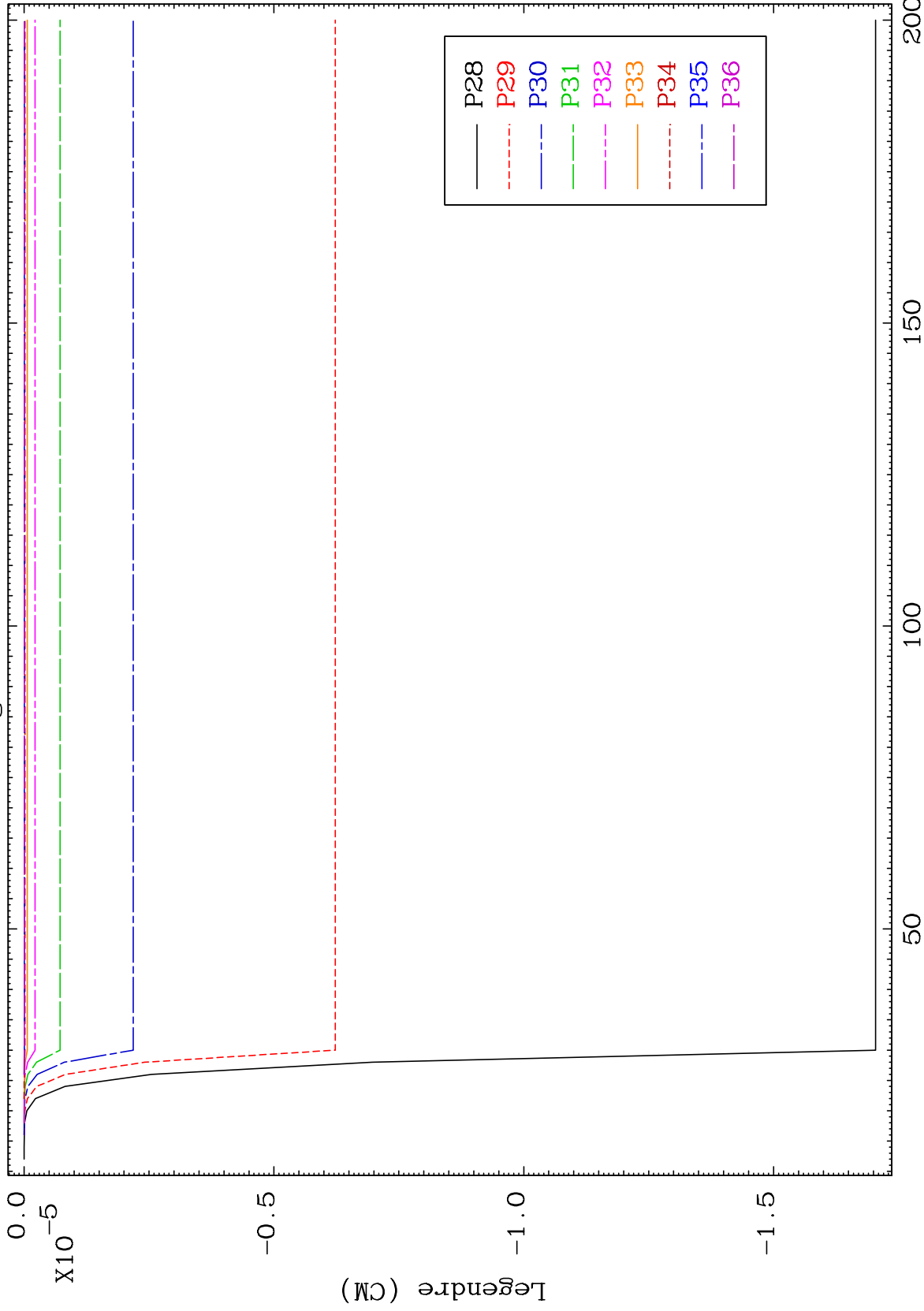
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



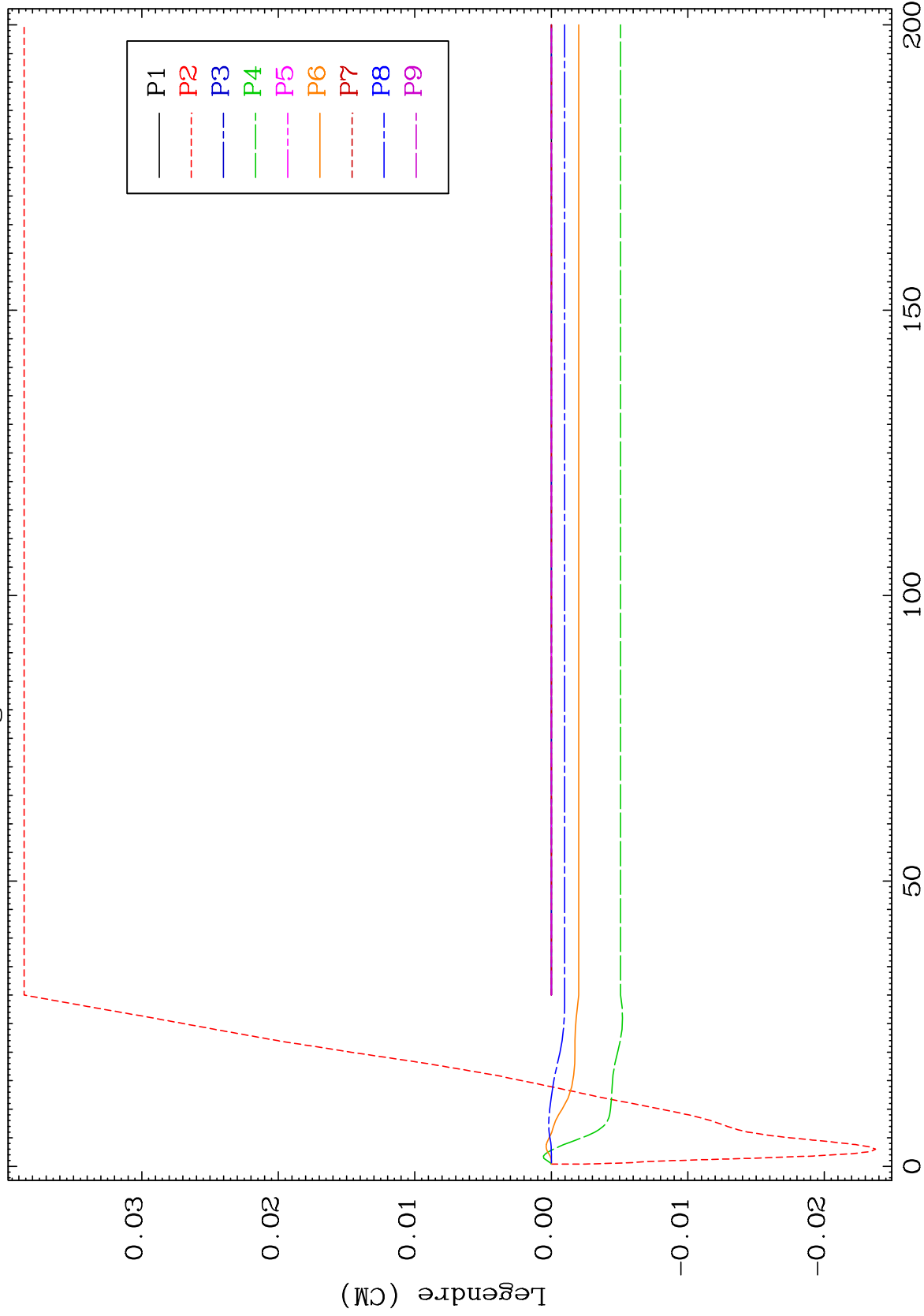
71

71-Lu-168

MAT 7104

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

71-Lu-168

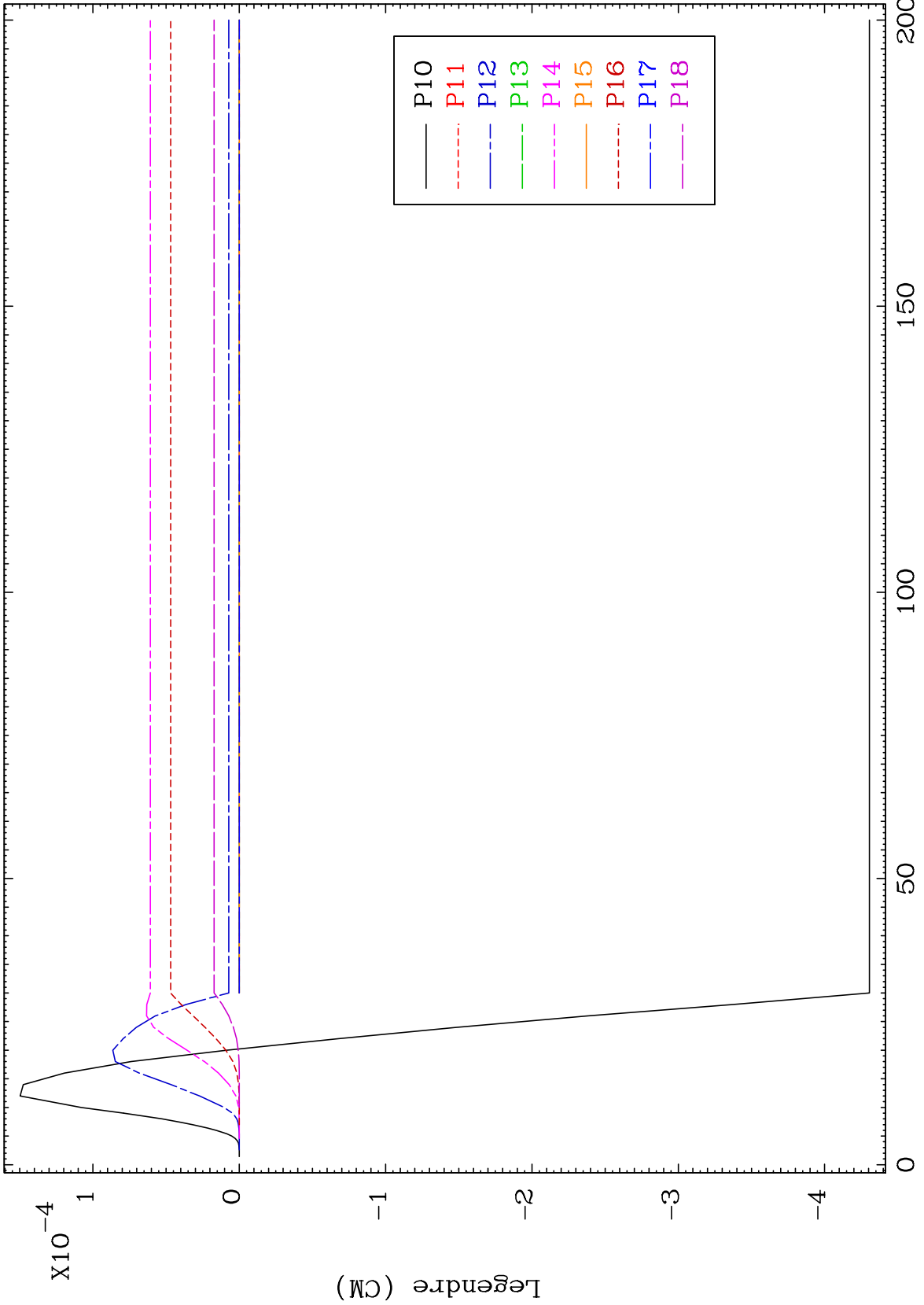


72

MAT 7104

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

71-Lu-168



73

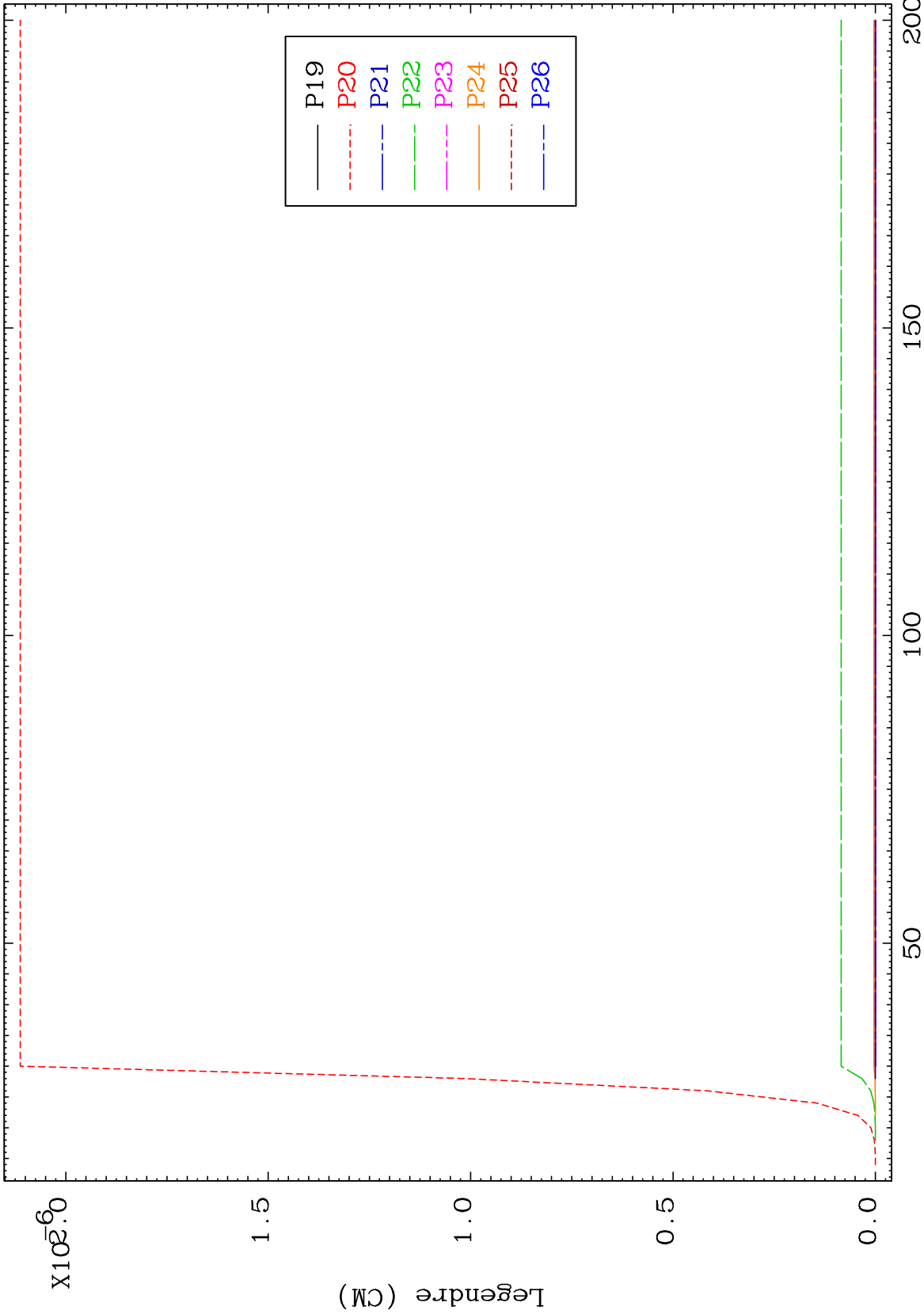
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



74

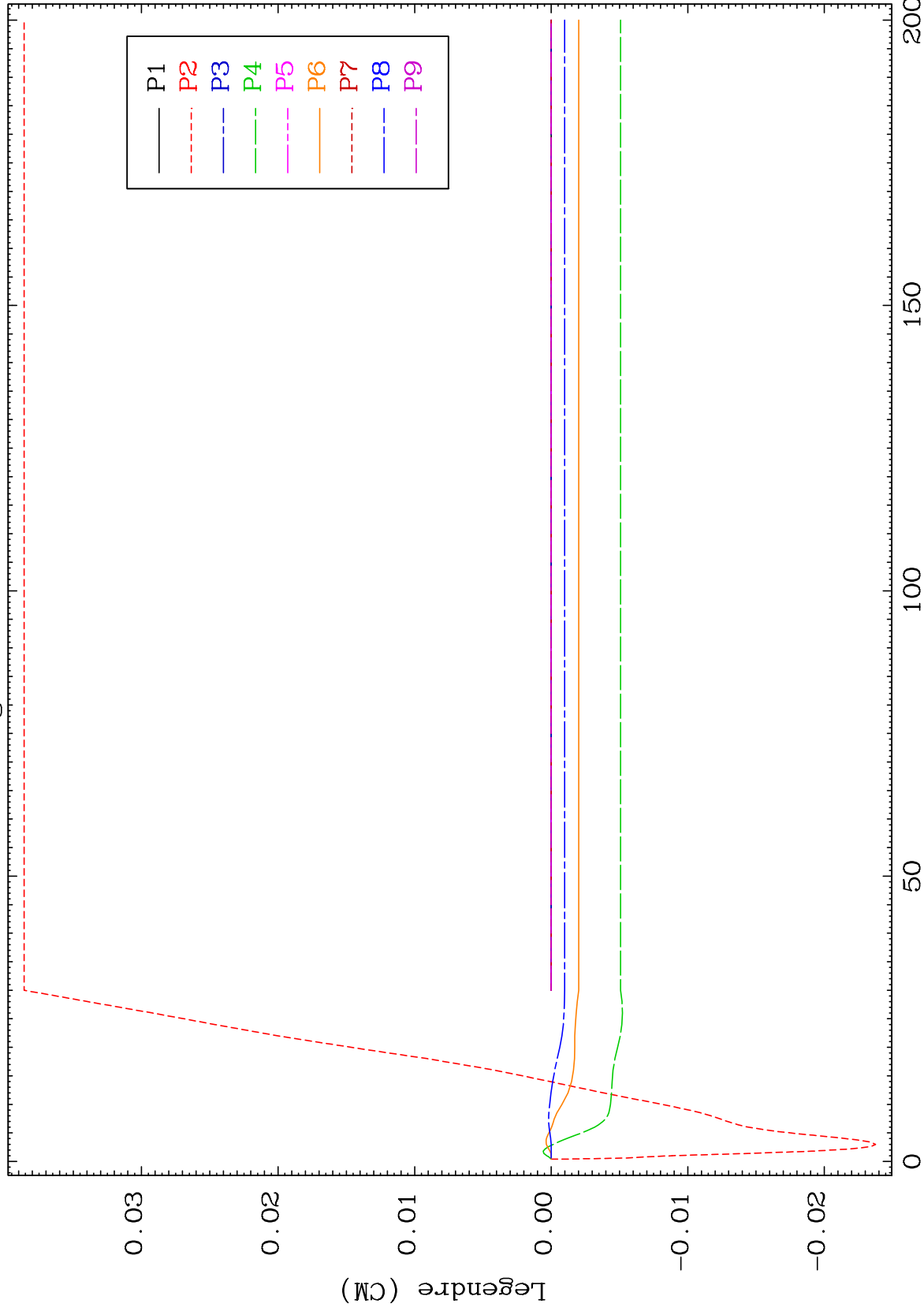
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



75

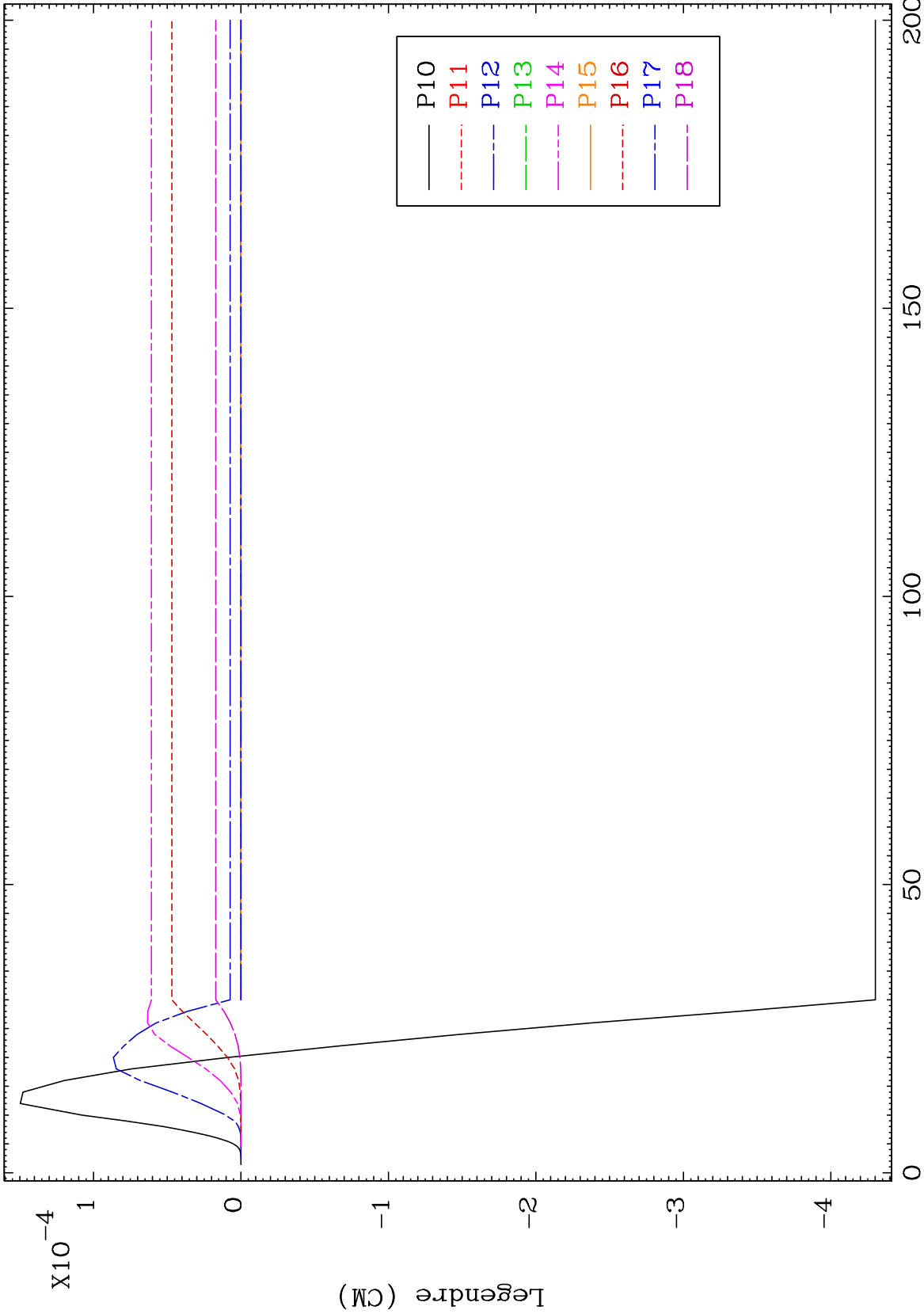
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



76

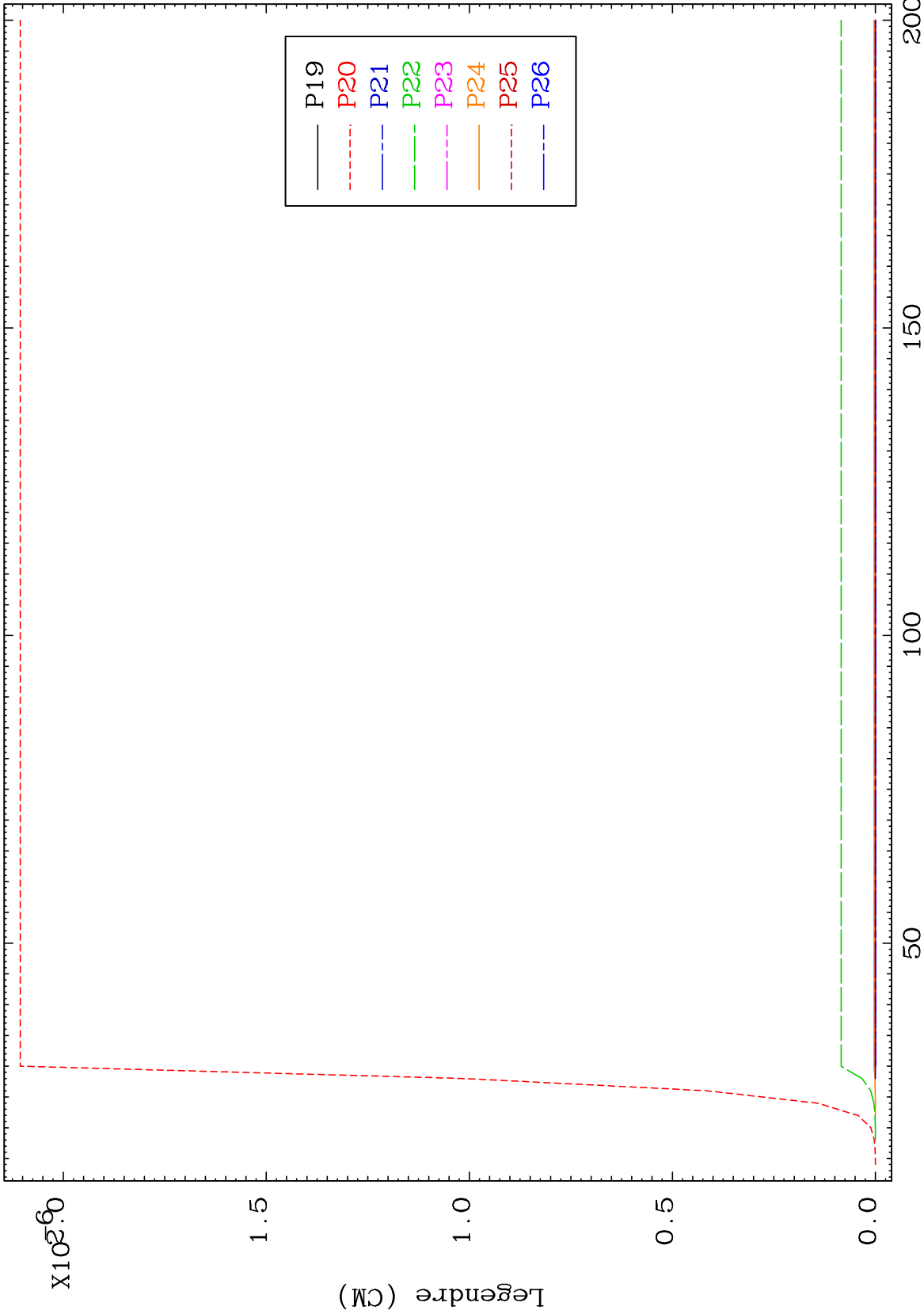
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



77

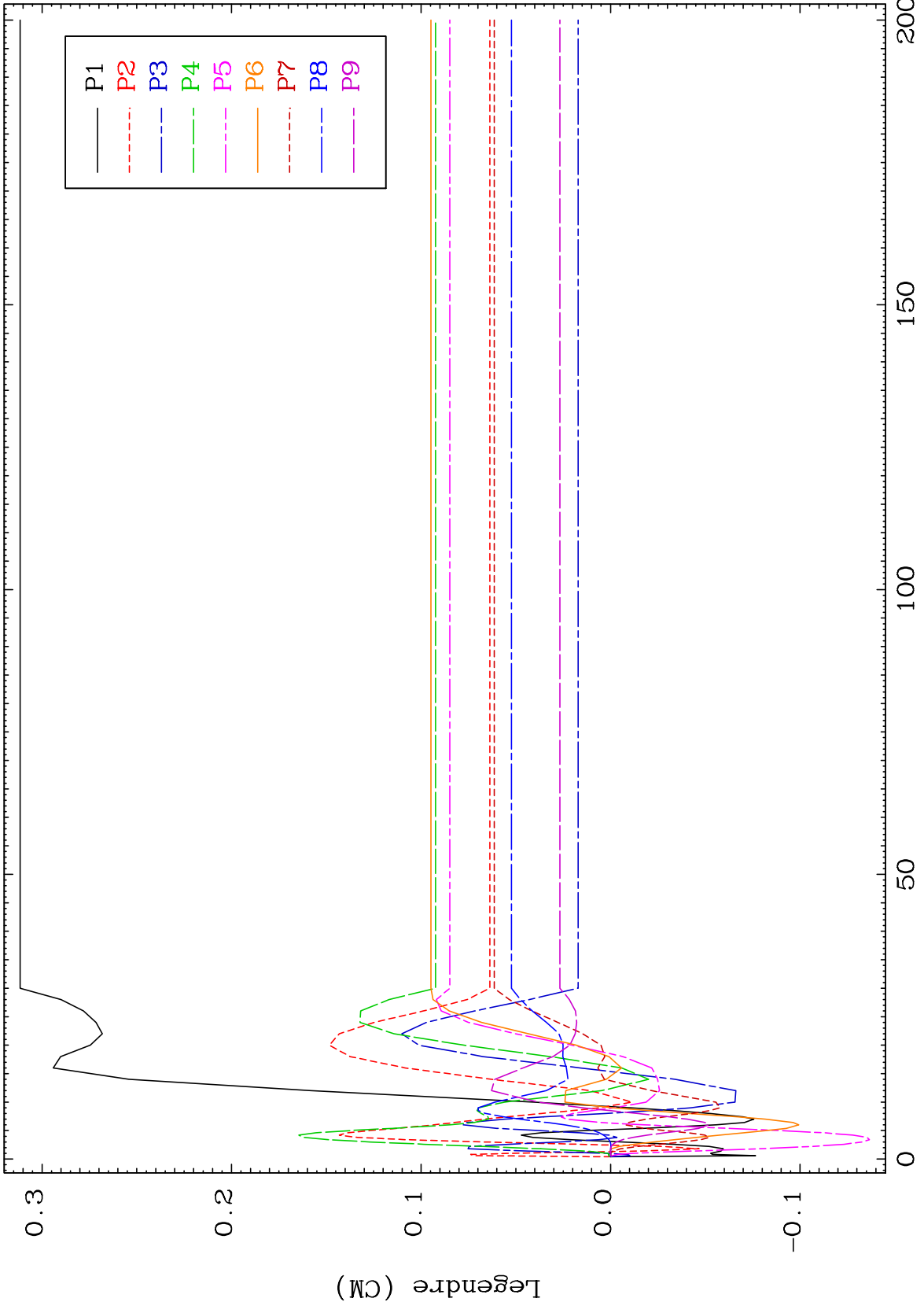
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



78

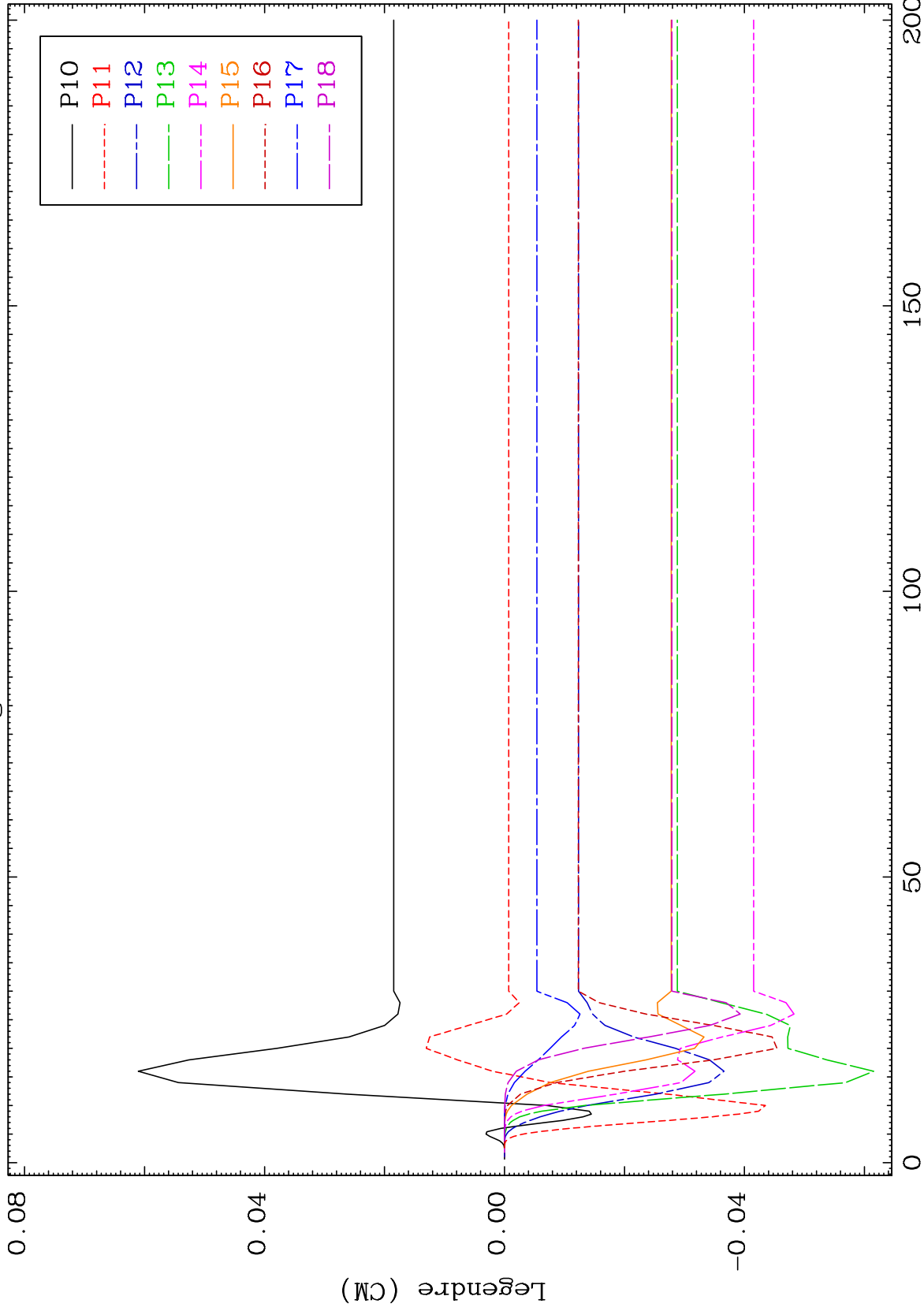
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



79

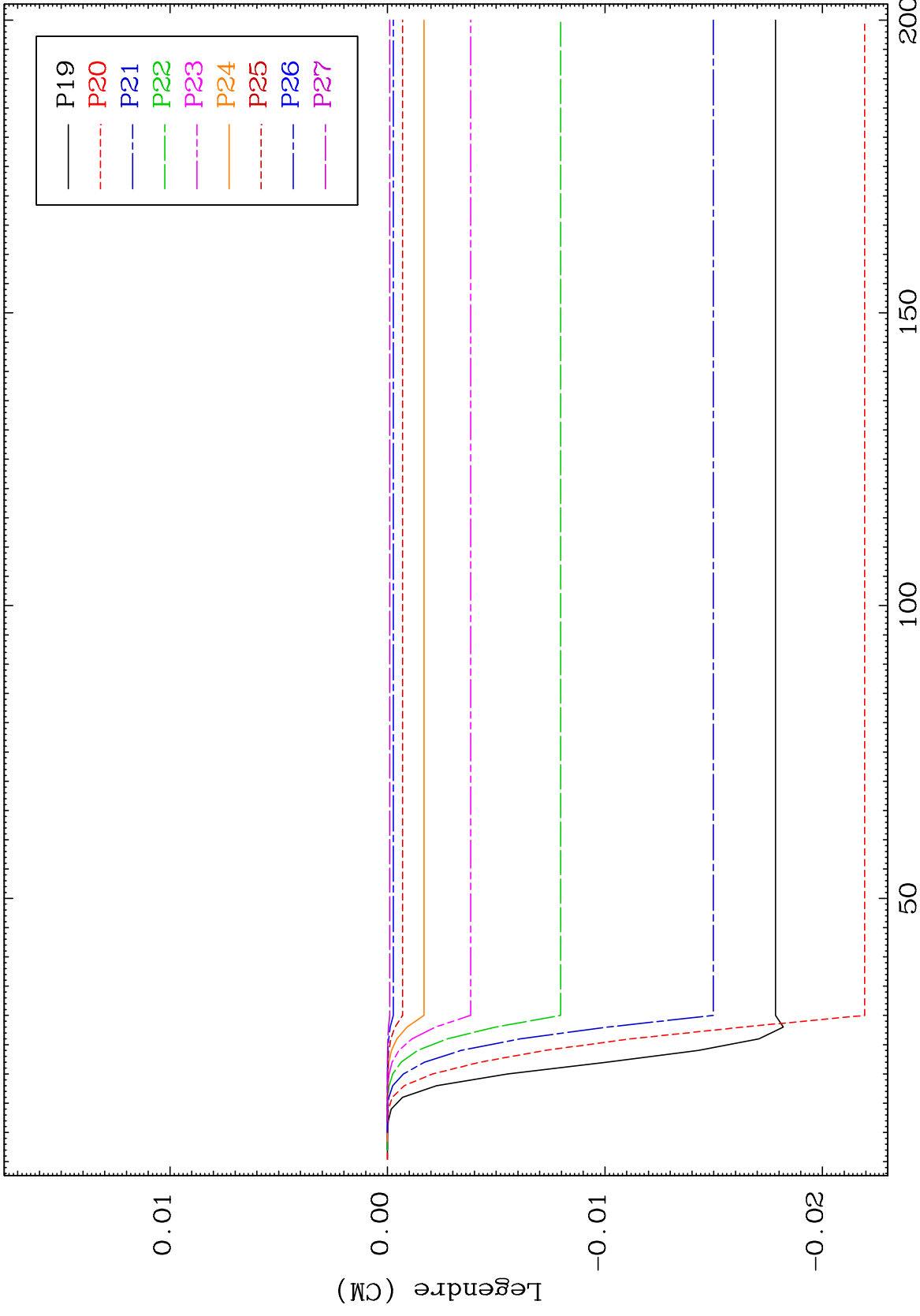
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



80

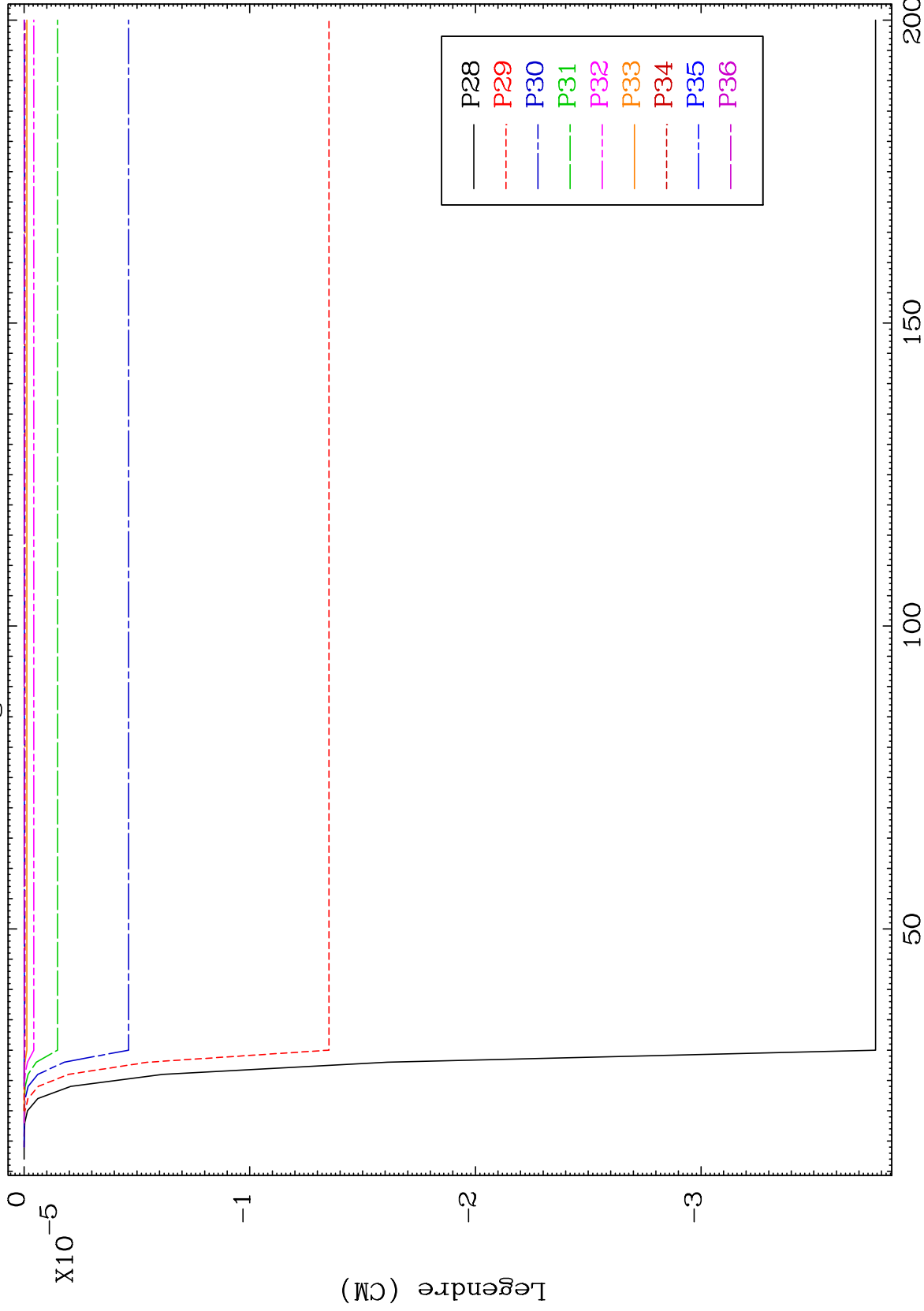
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



71-Lu-168

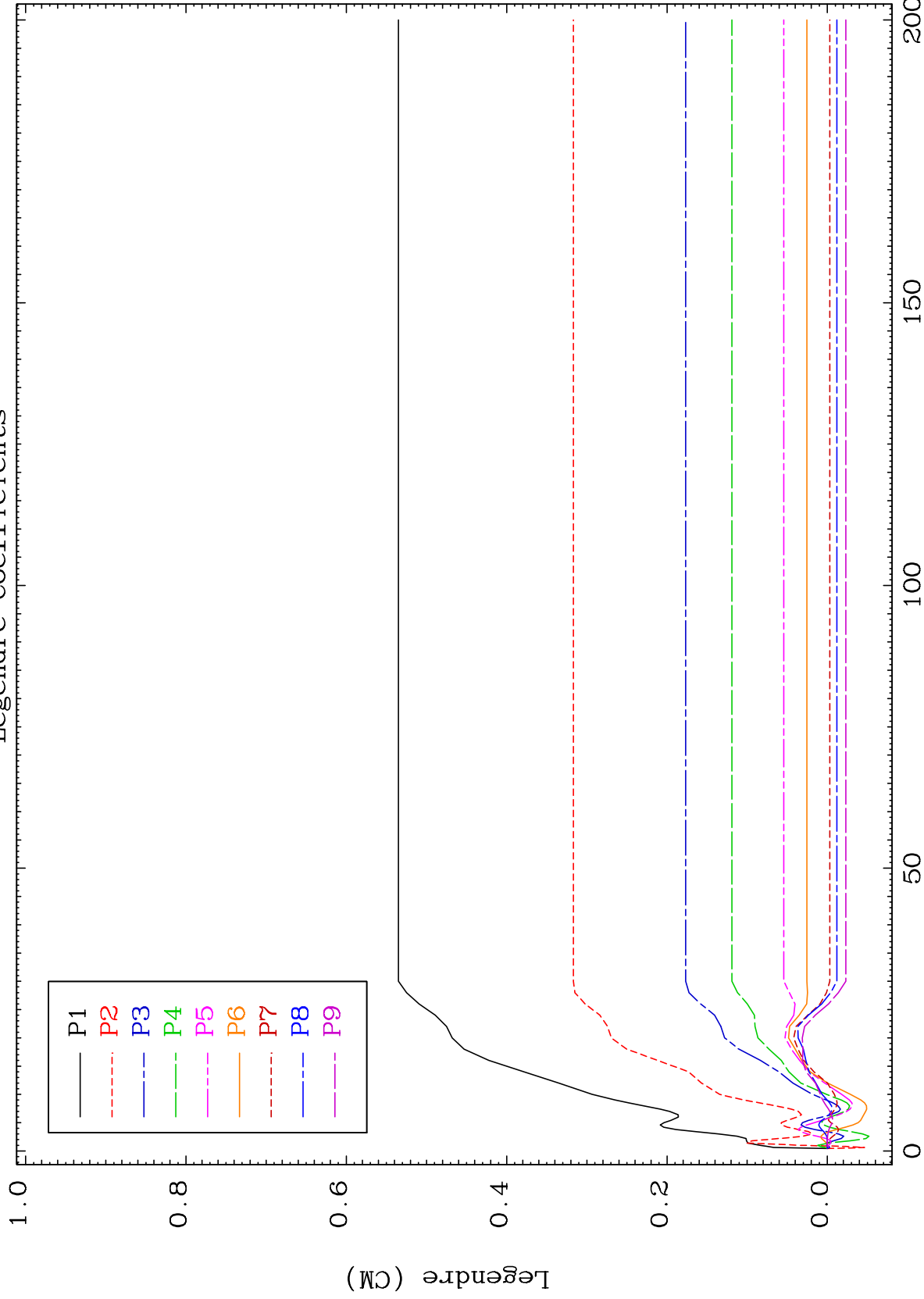
Incident Energy (MeV)

81

MAT 7104

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

71-Lu-168



82

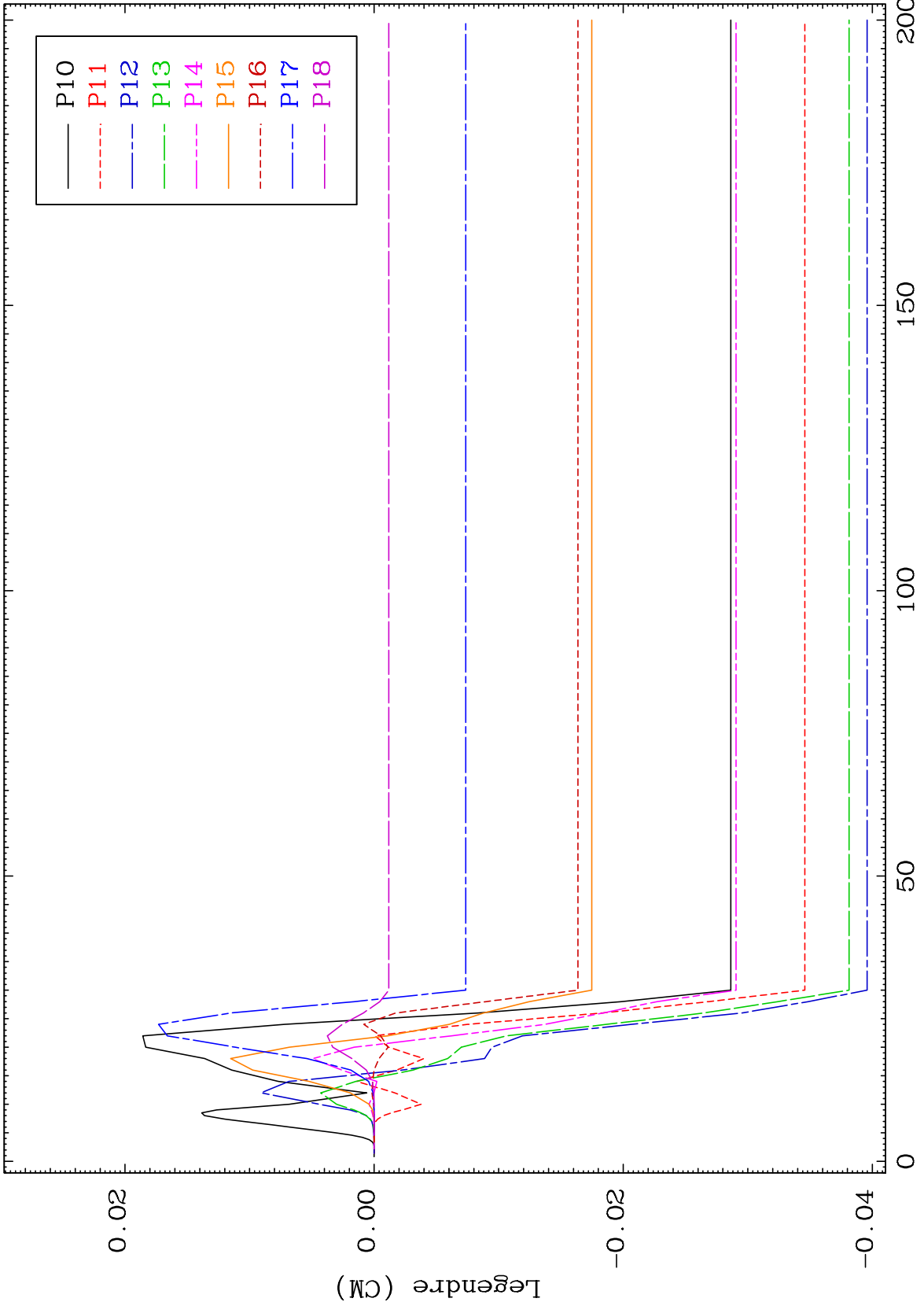
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

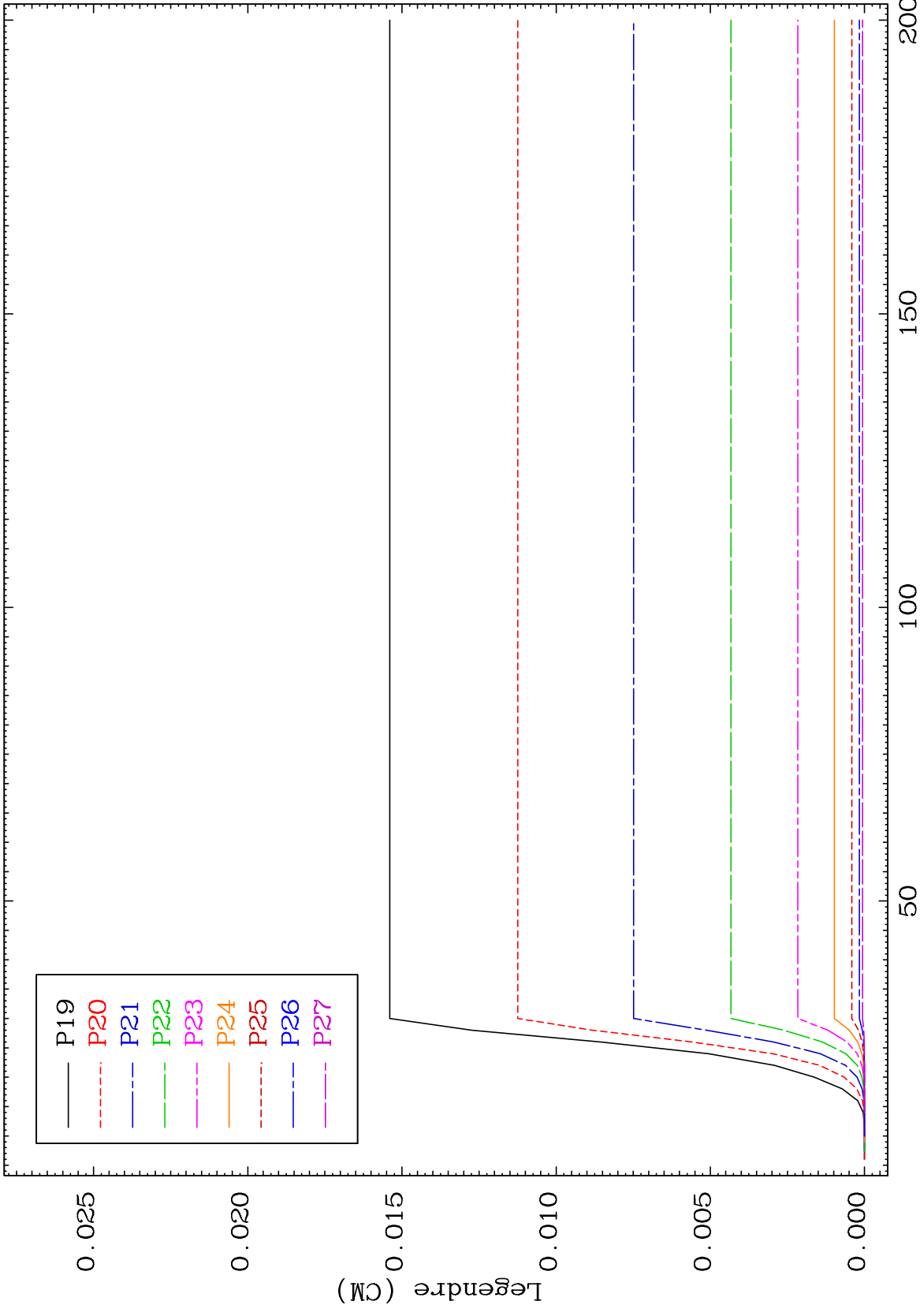
71-Lu-168



83

Incident Energy (MeV)

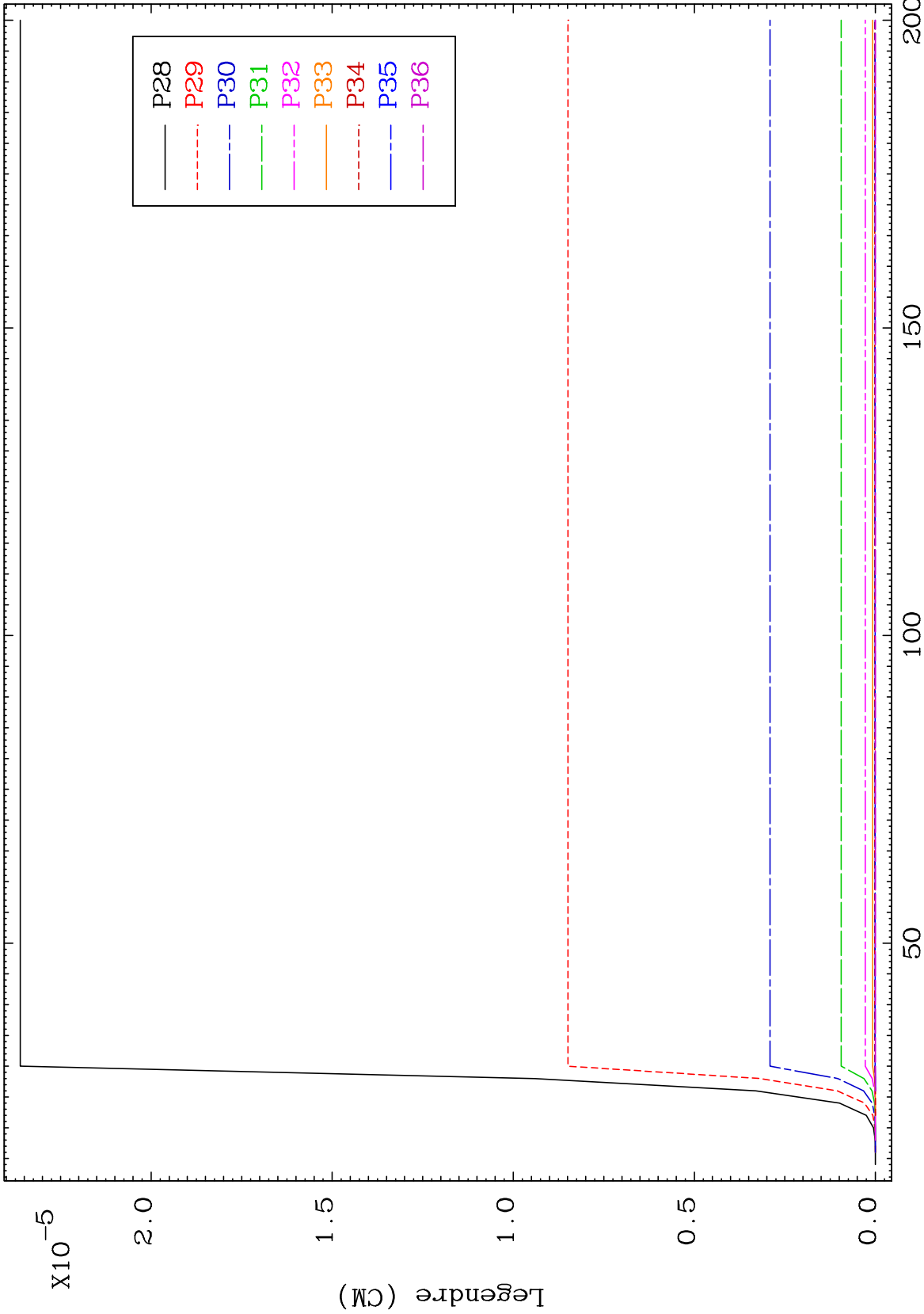
71-Lu-168



MAT 7104

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

71-Lu-168



85

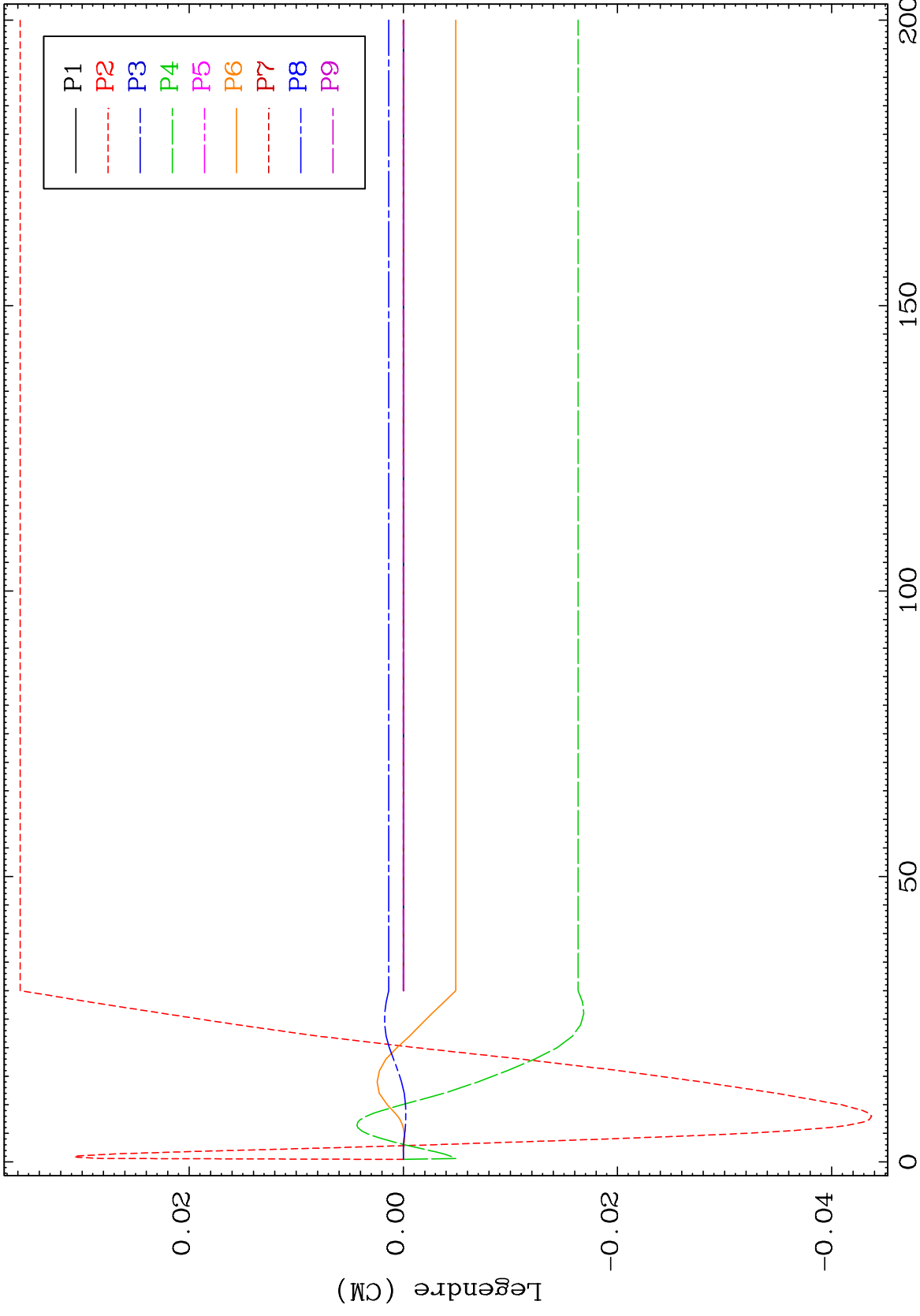
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



86

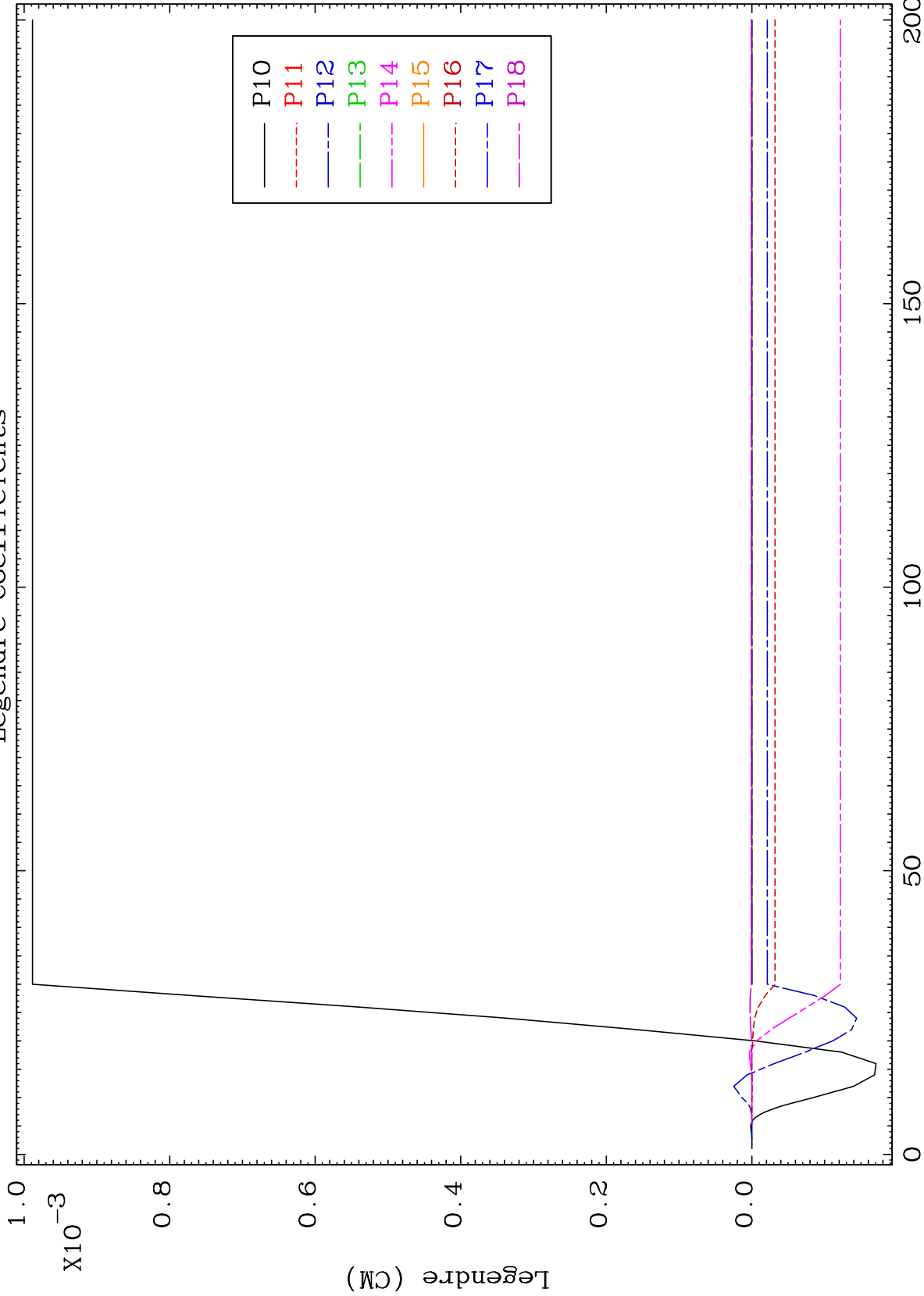
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



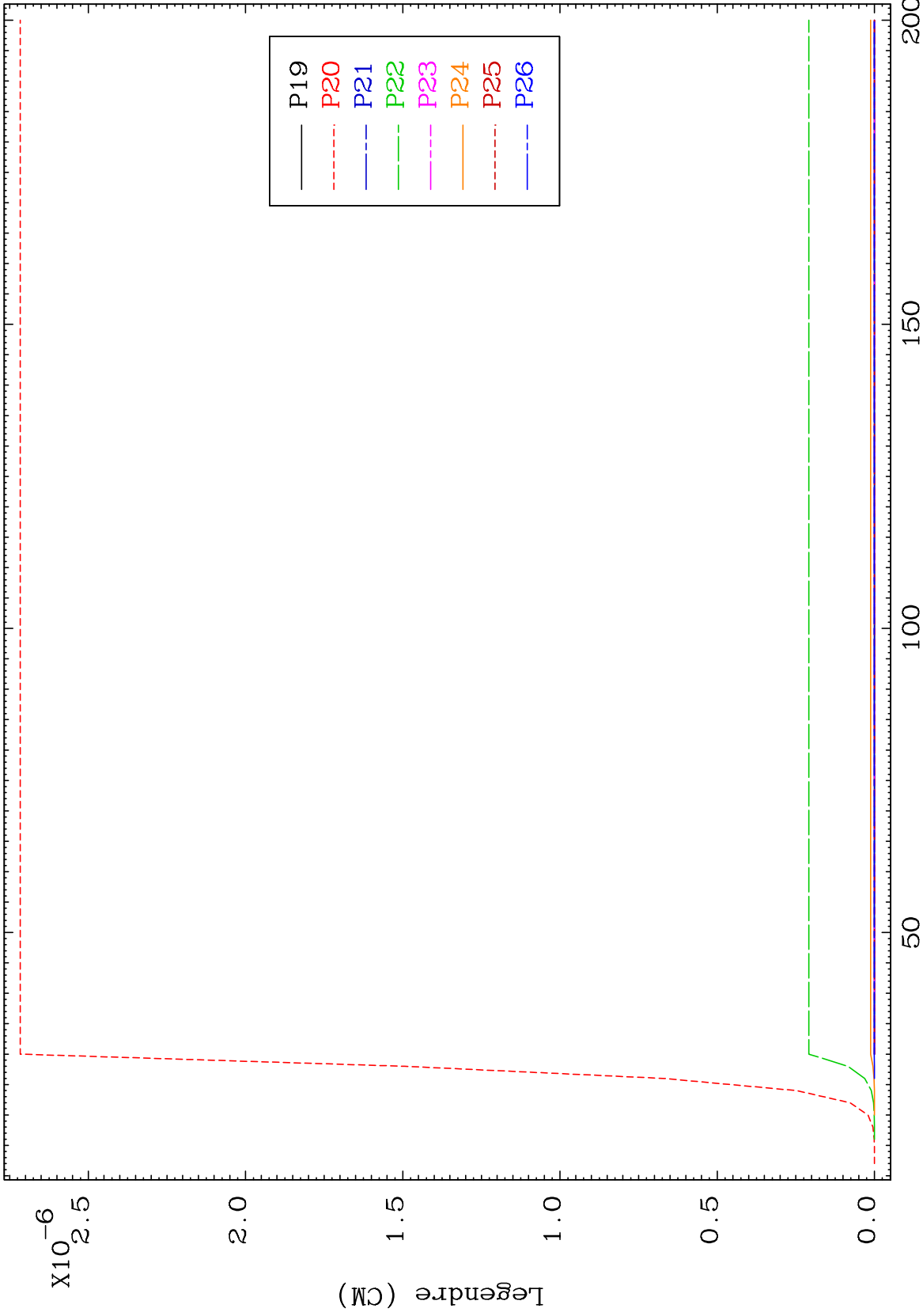
87

71-Lu-168

MAT 7104

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

71-Lu-168



88

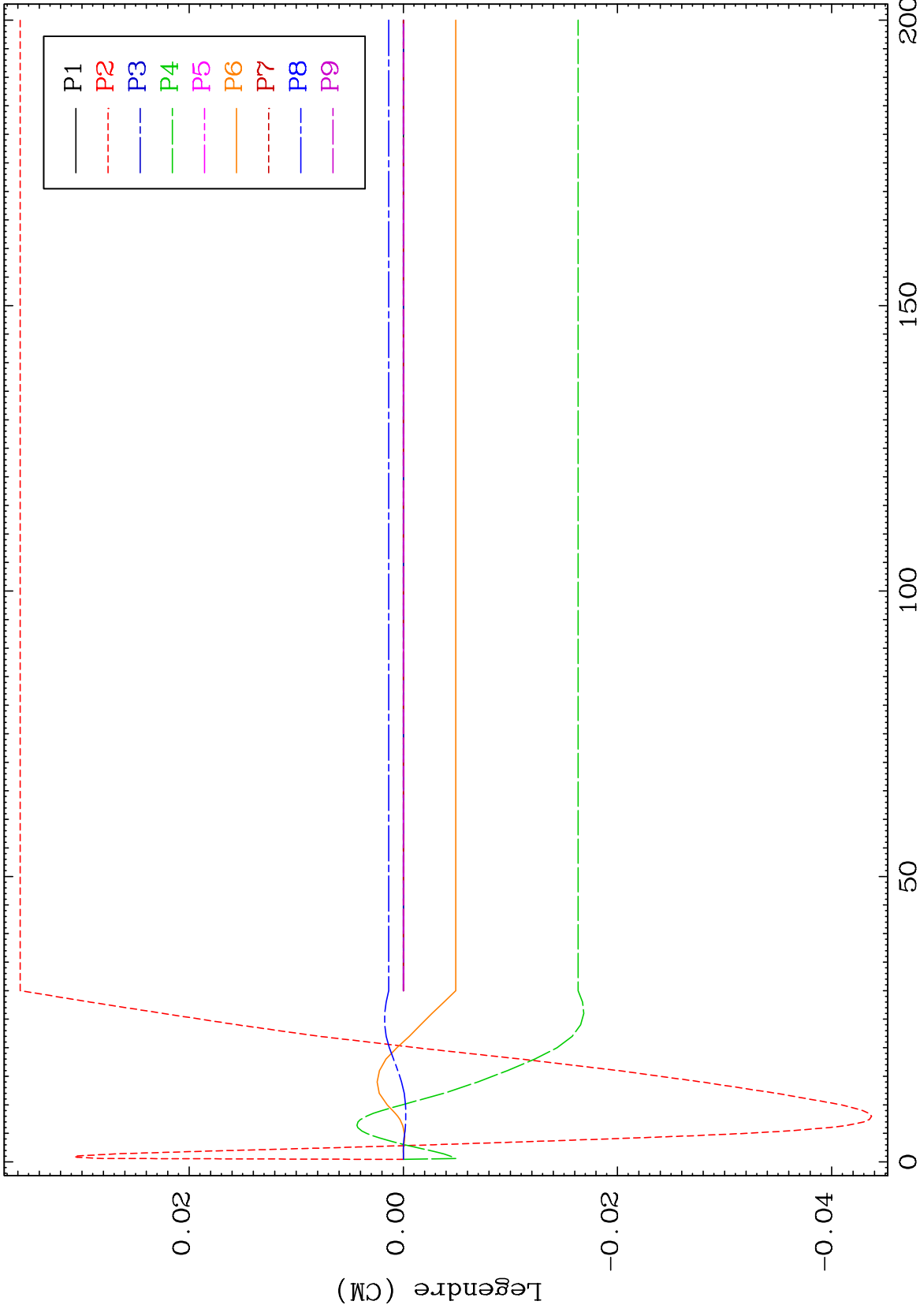
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



89

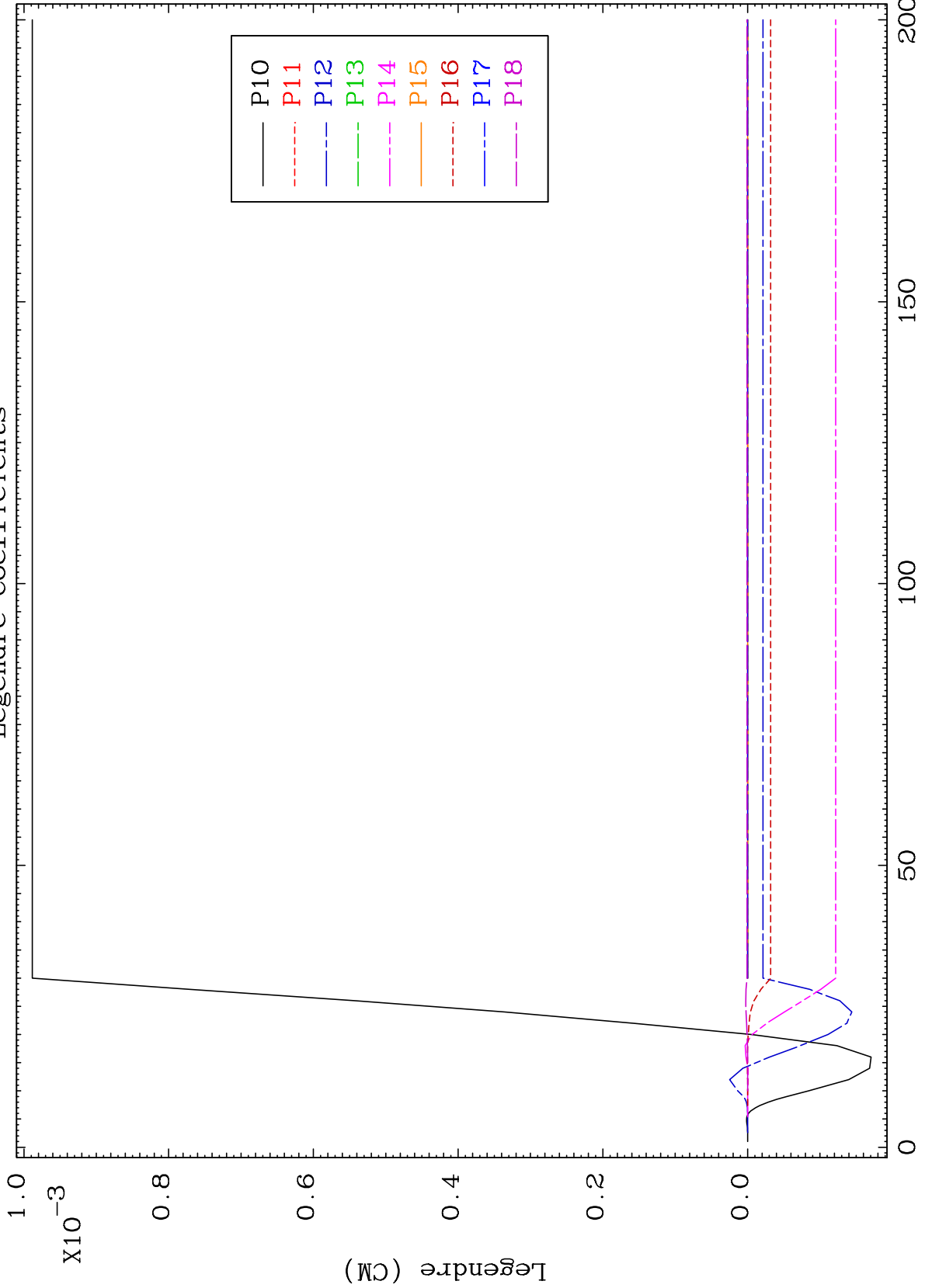
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



71-Lu-168

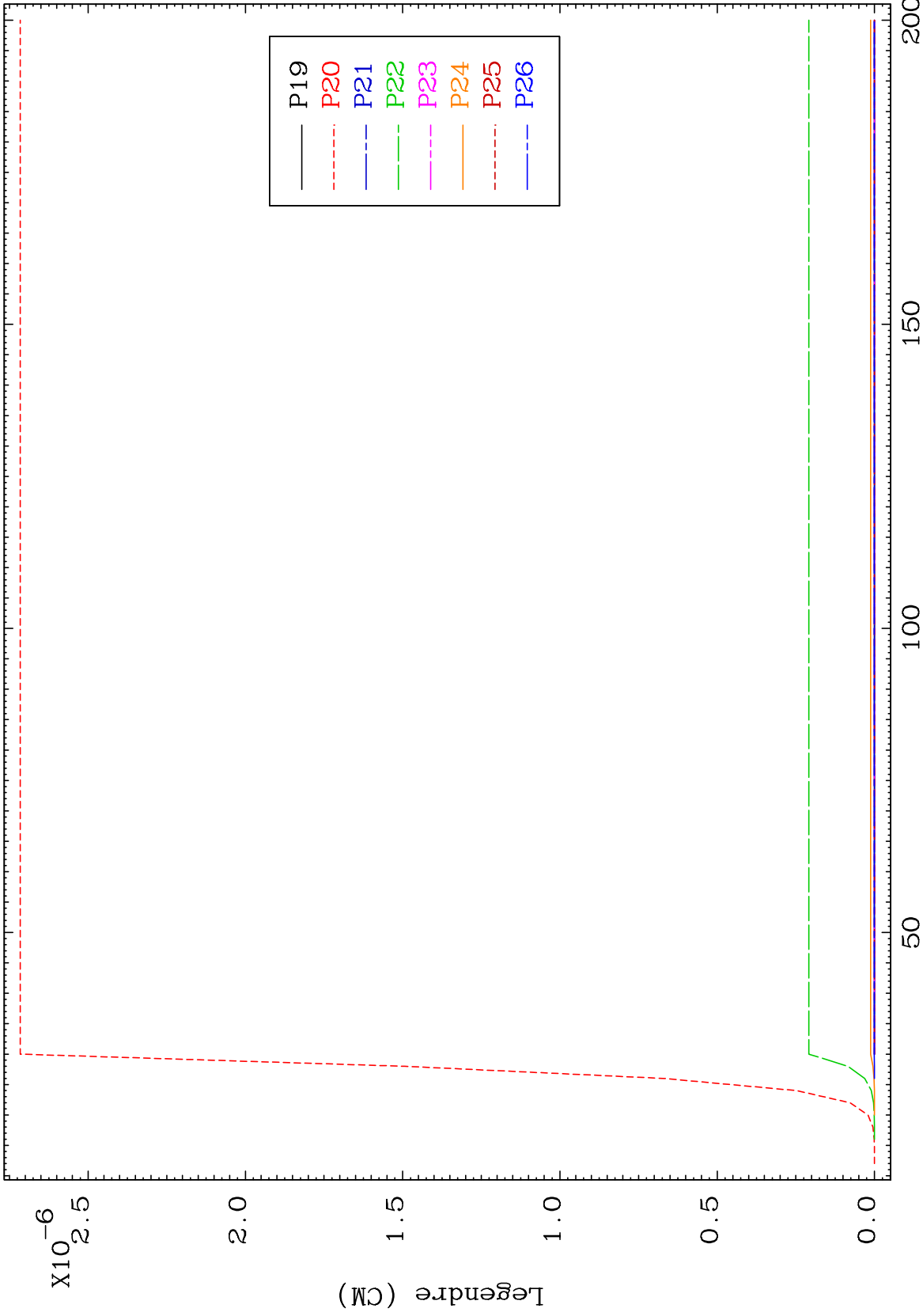
Incident Energy (MeV)

90

MAT 7104

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

71-Lu-168



91

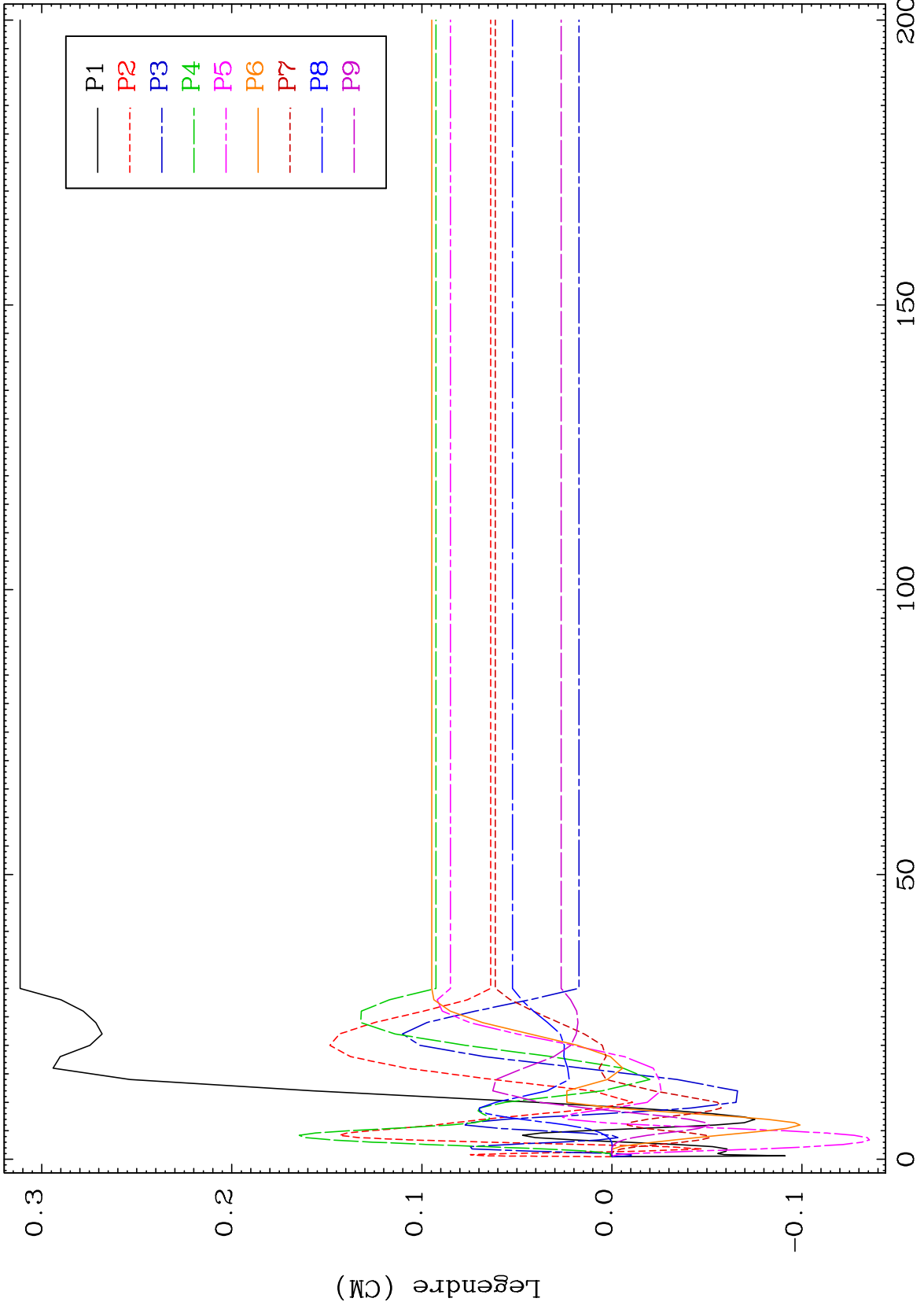
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



92

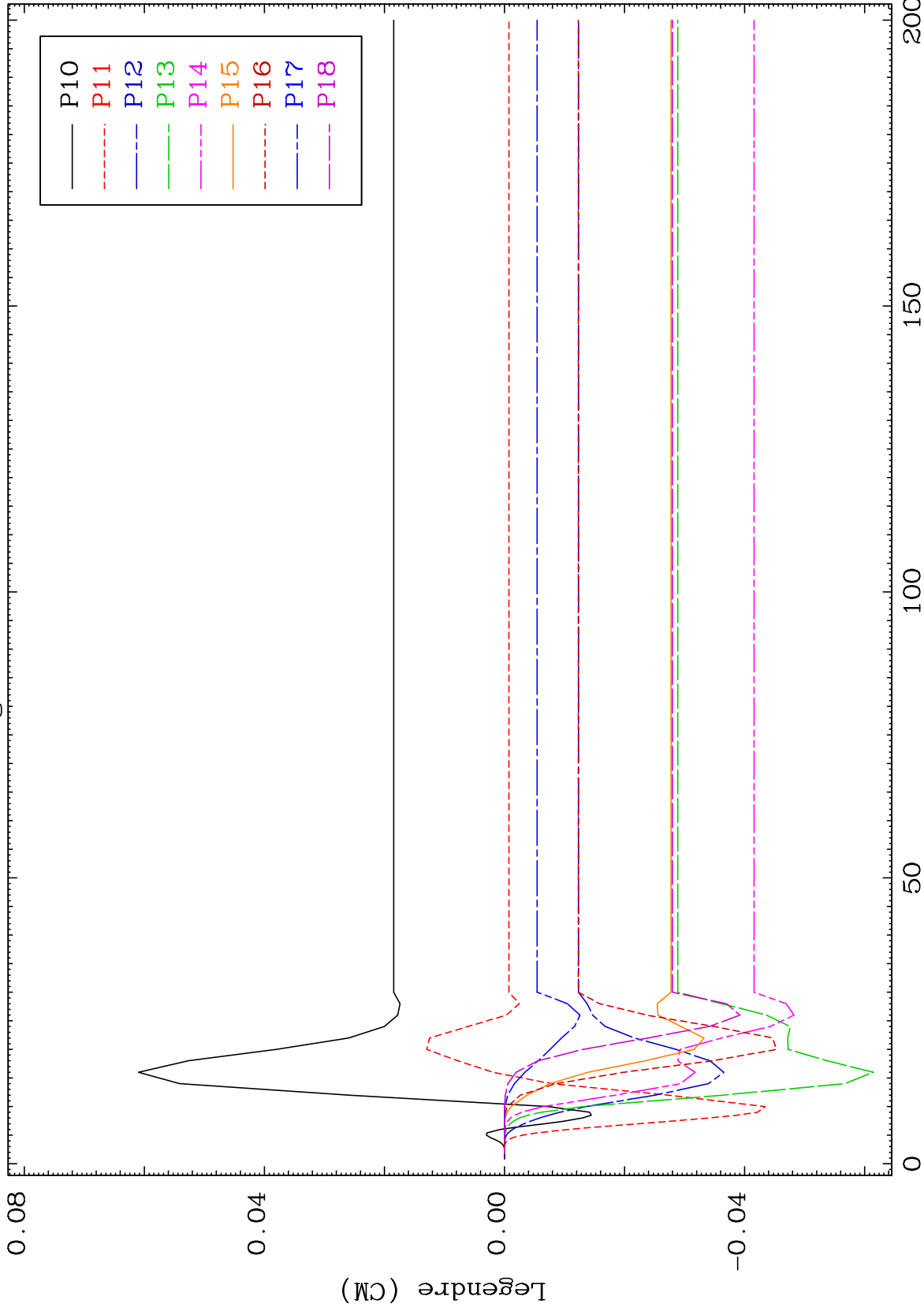
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



93

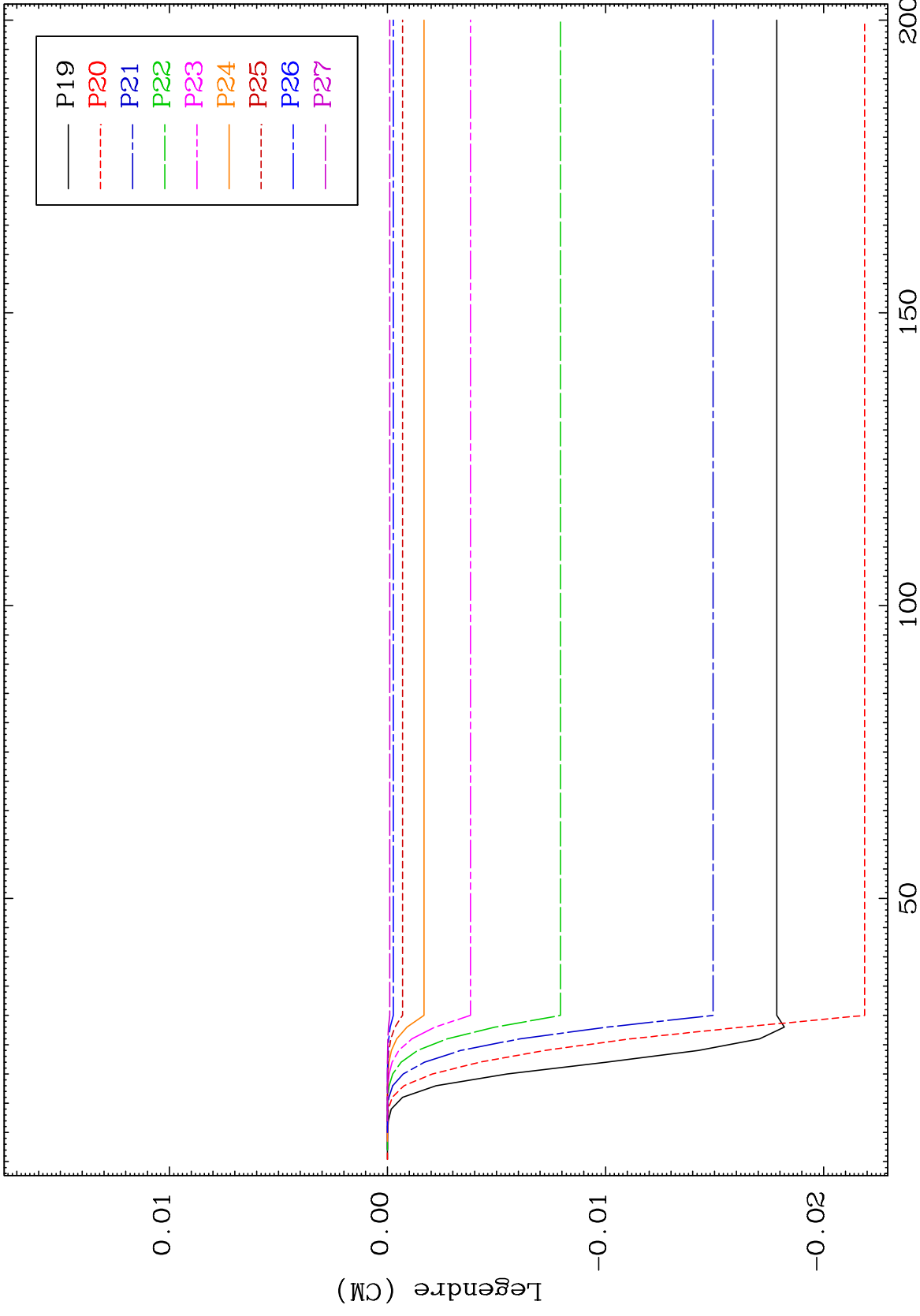
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168

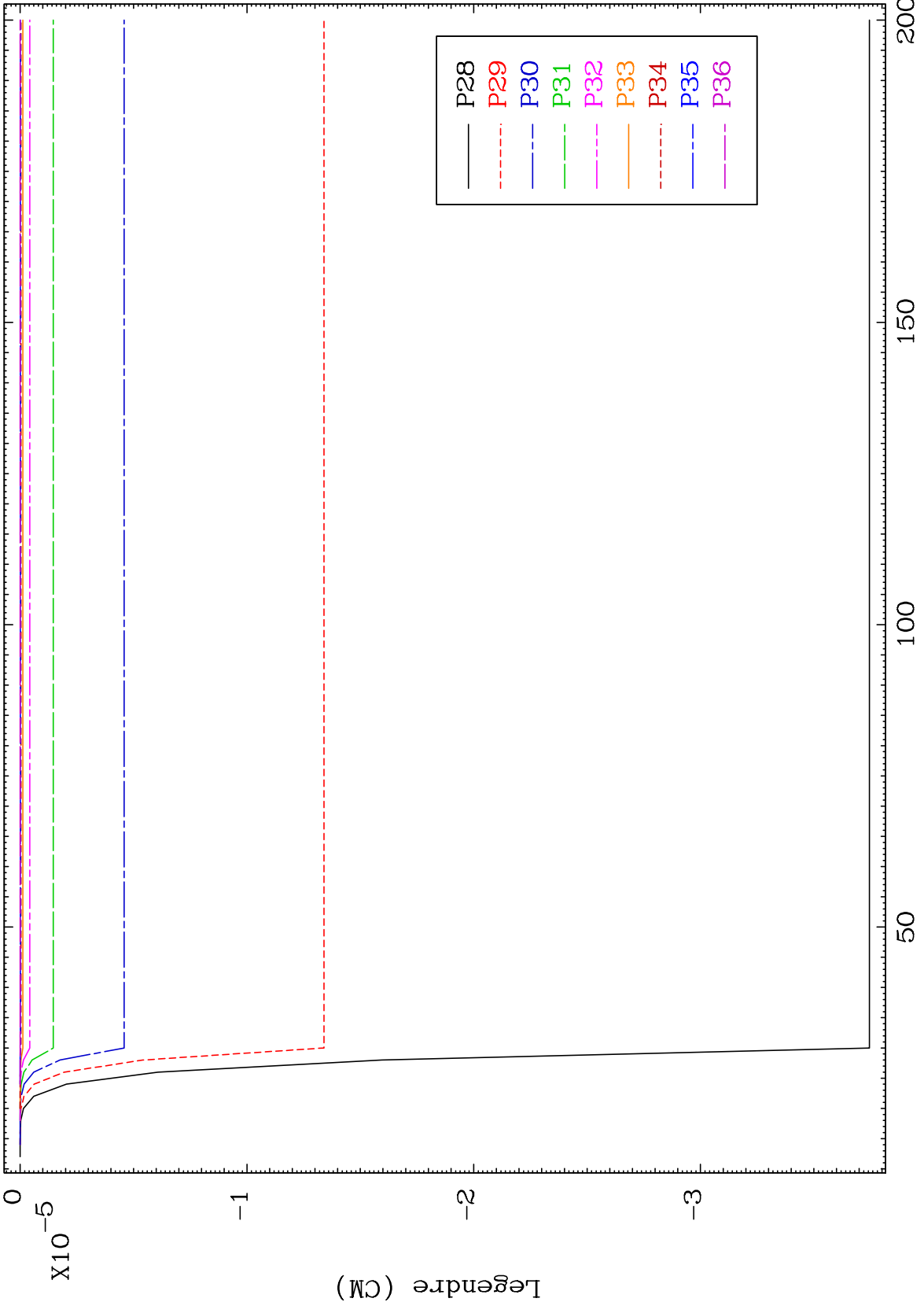


94

Incident Energy (MeV)

71-Lu-168

MAT 7104 MT= 72 (n,n') Level Legendre Coefficients 71-Lu-168

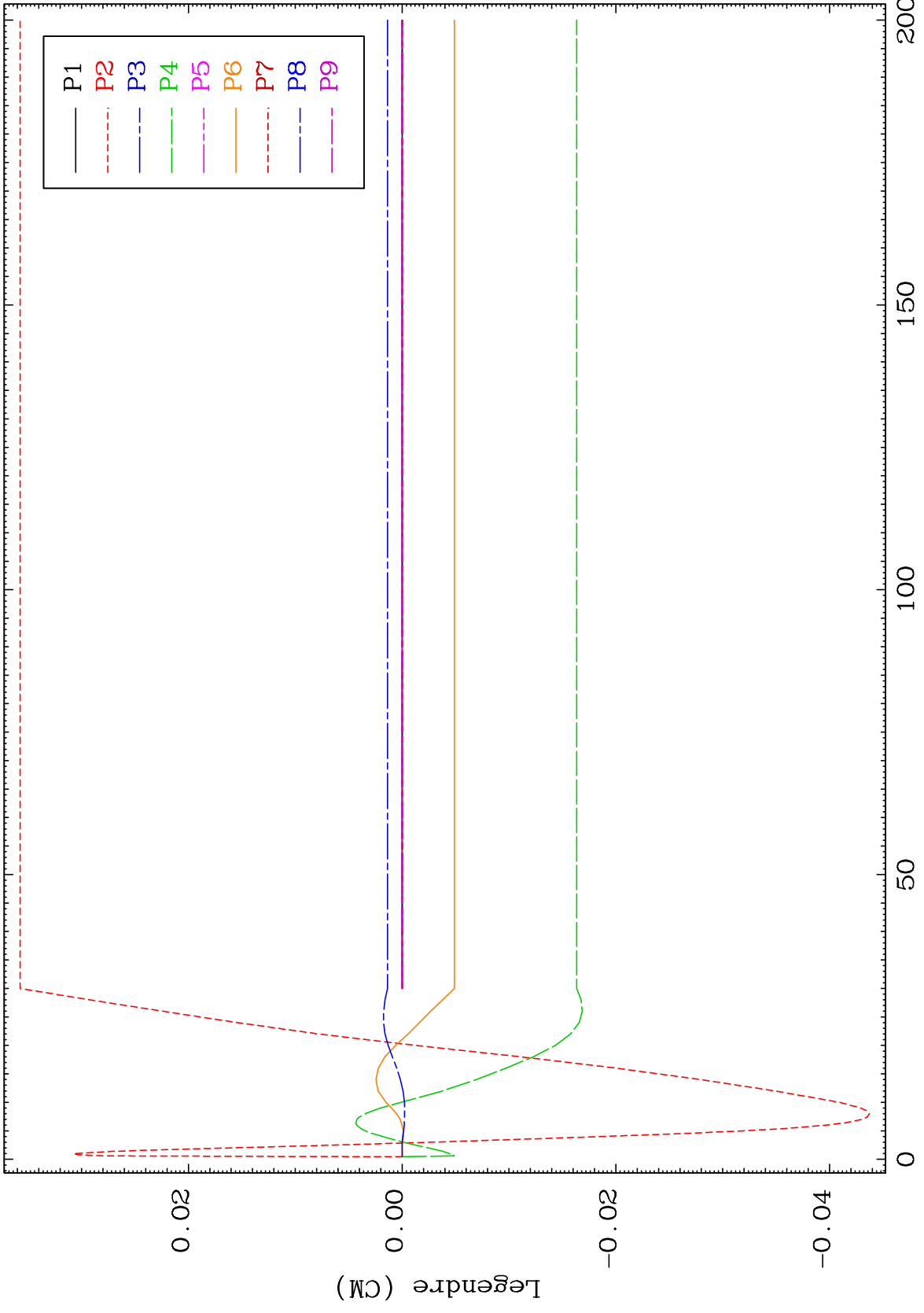


95 Incident Energy (MeV) 71-Lu-168

MAT 7104

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

71-Lu-168



96

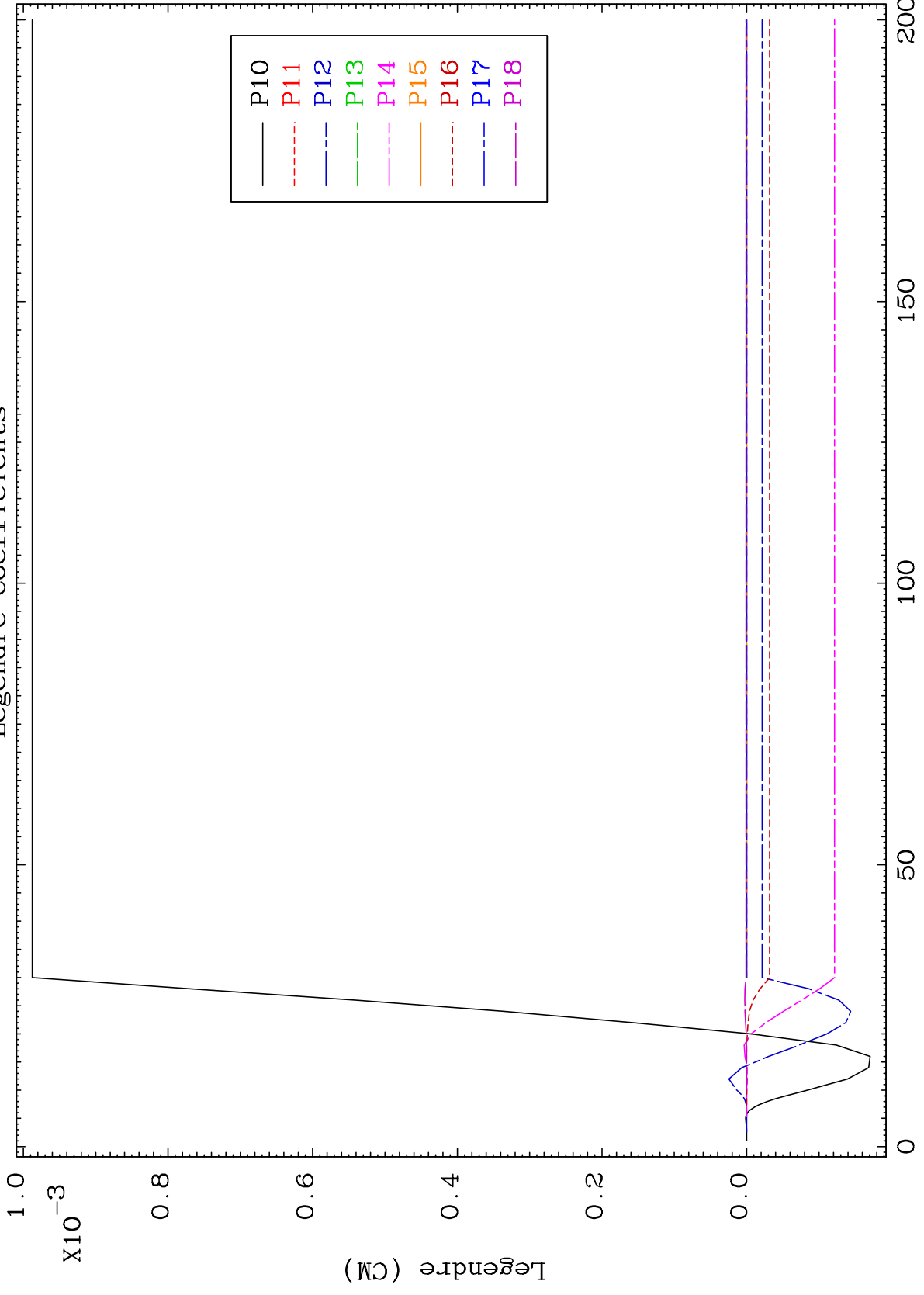
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



97

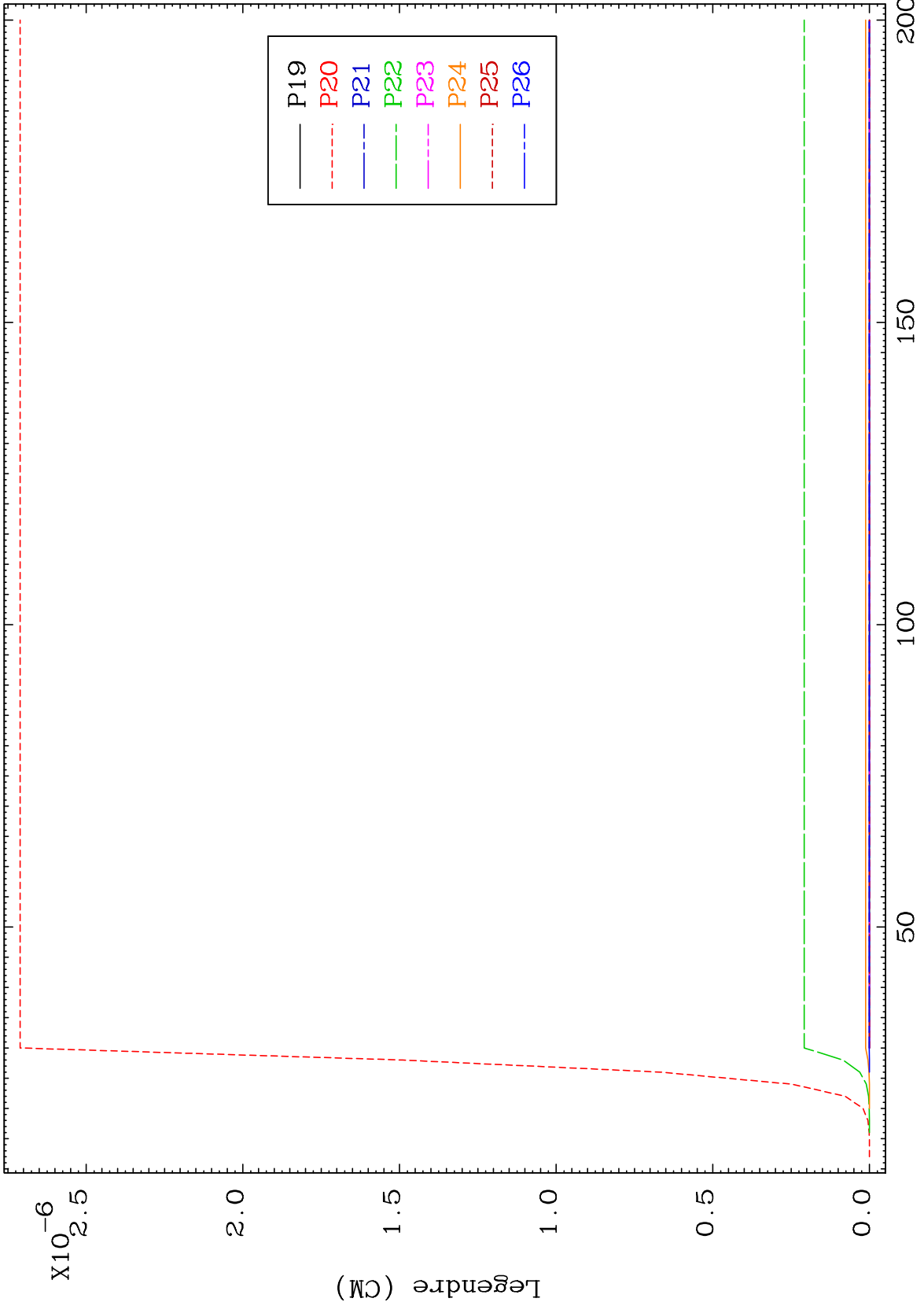
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



98

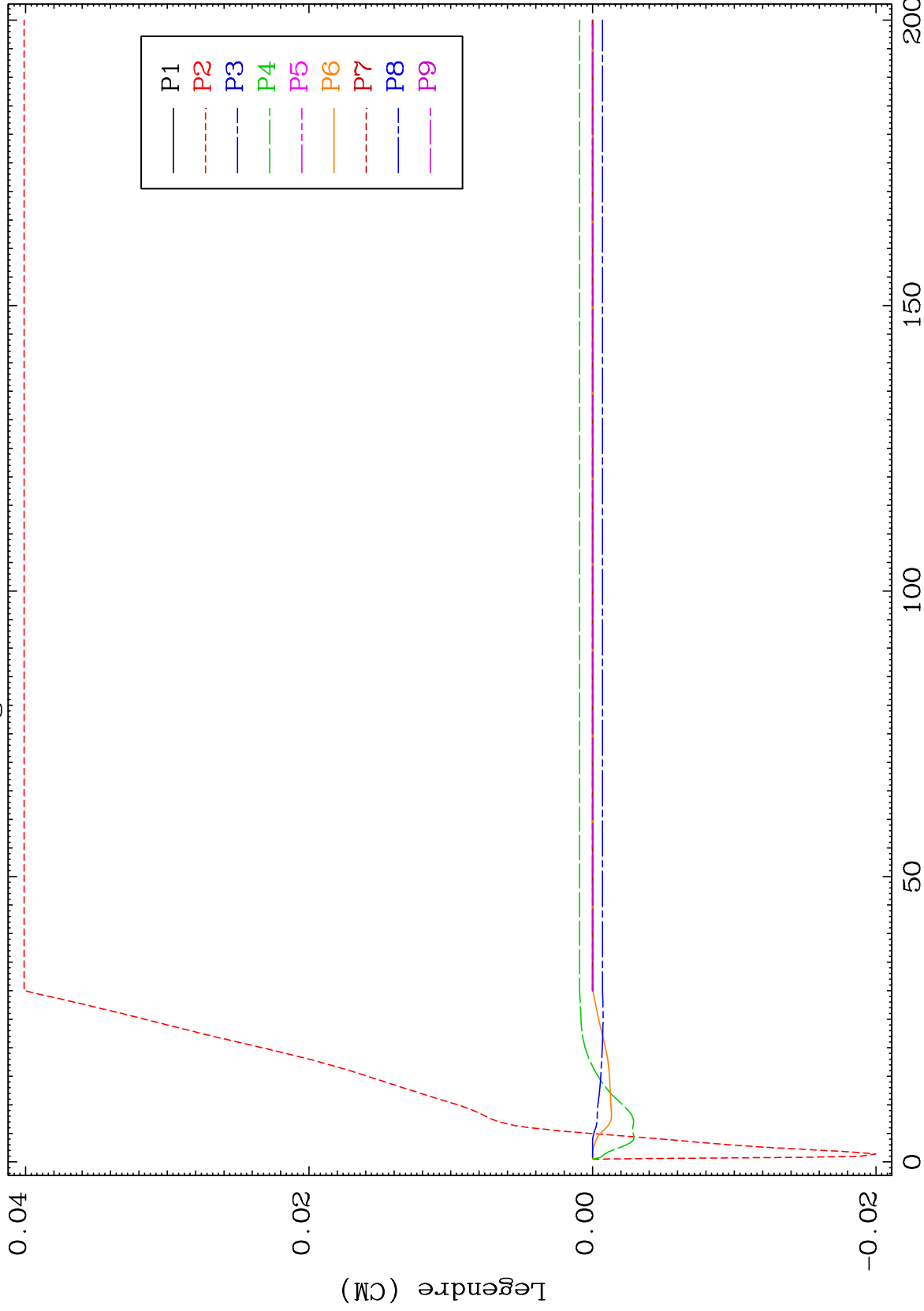
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



99

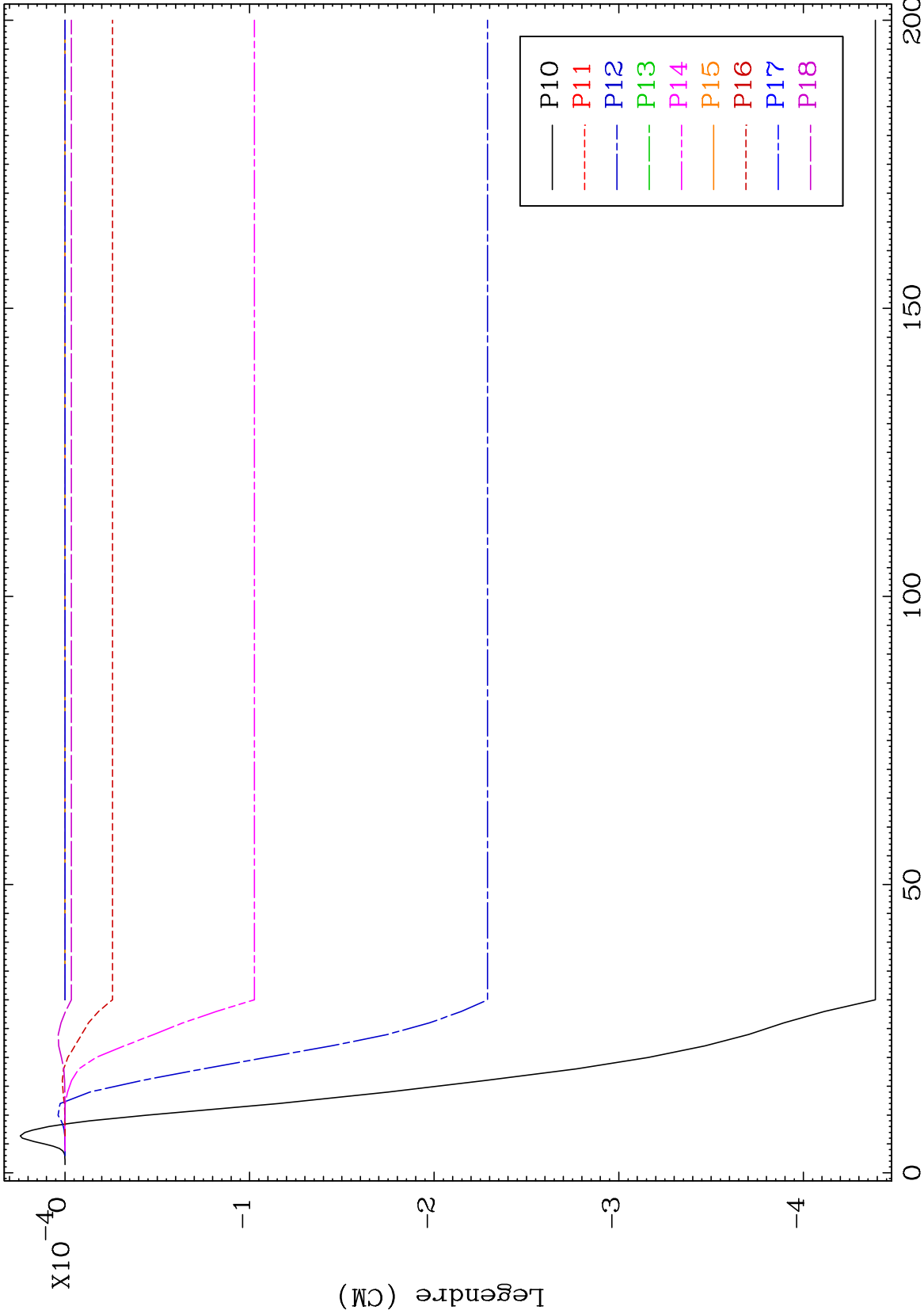
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



100

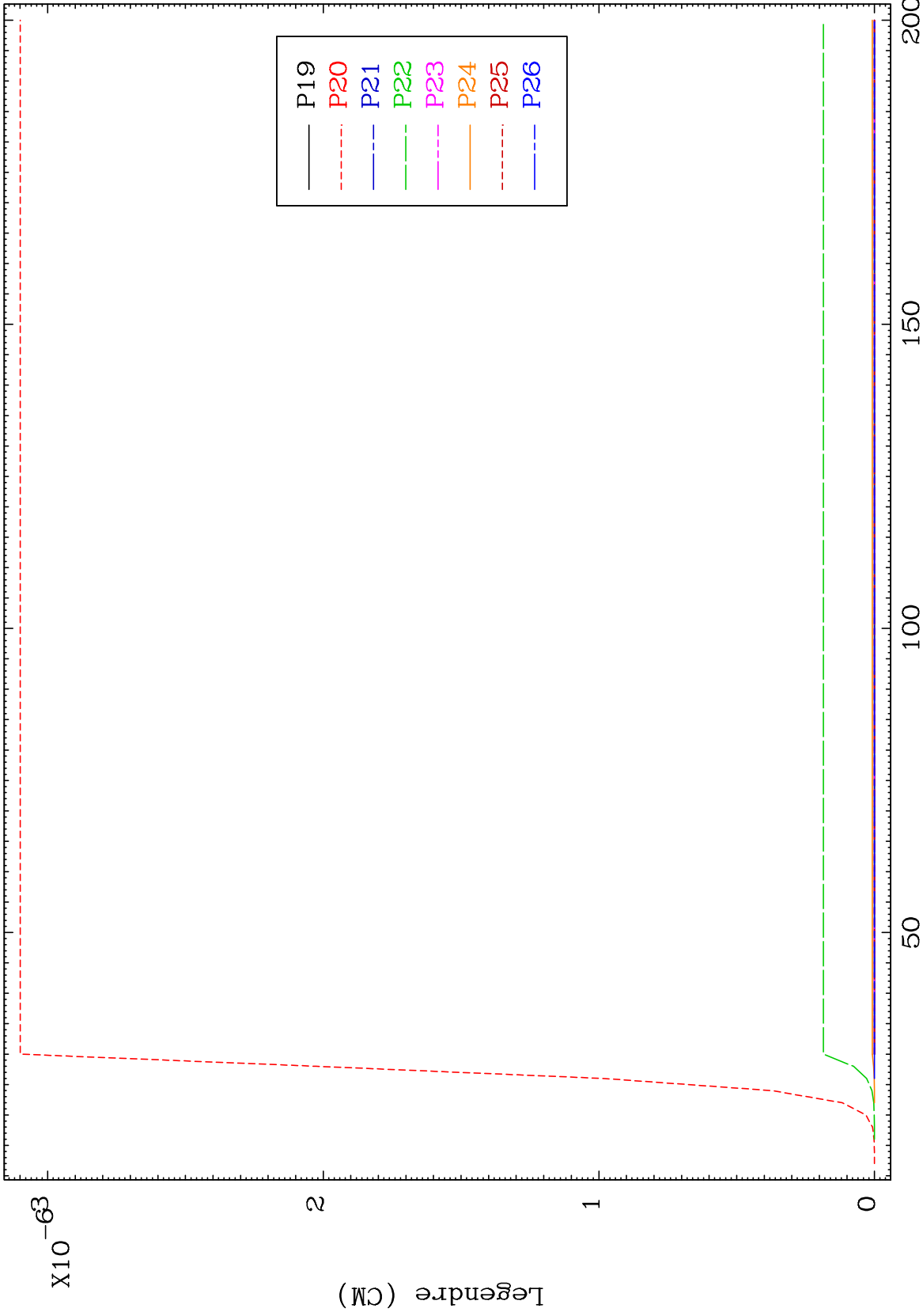
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



101

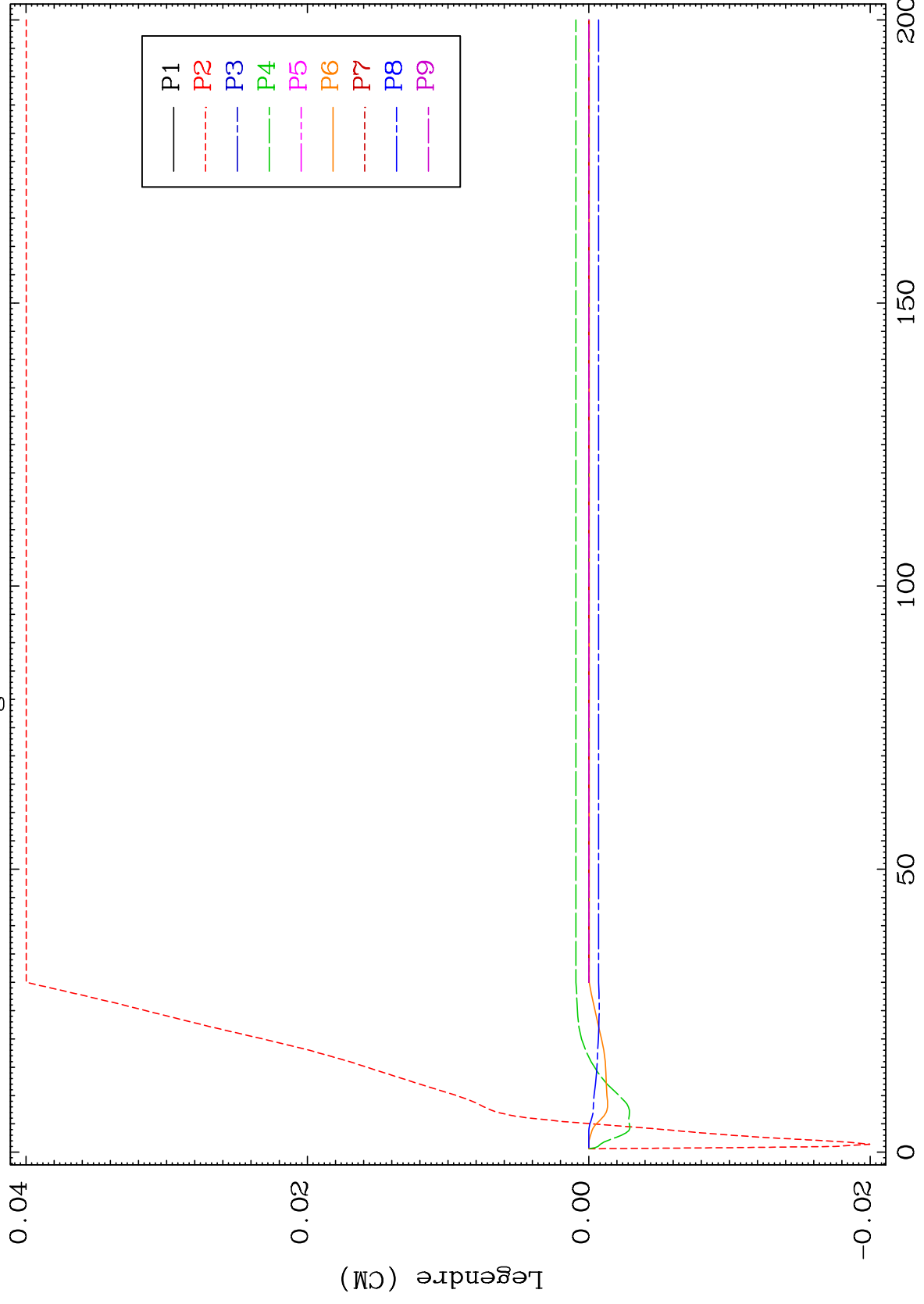
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



71-Lu-168

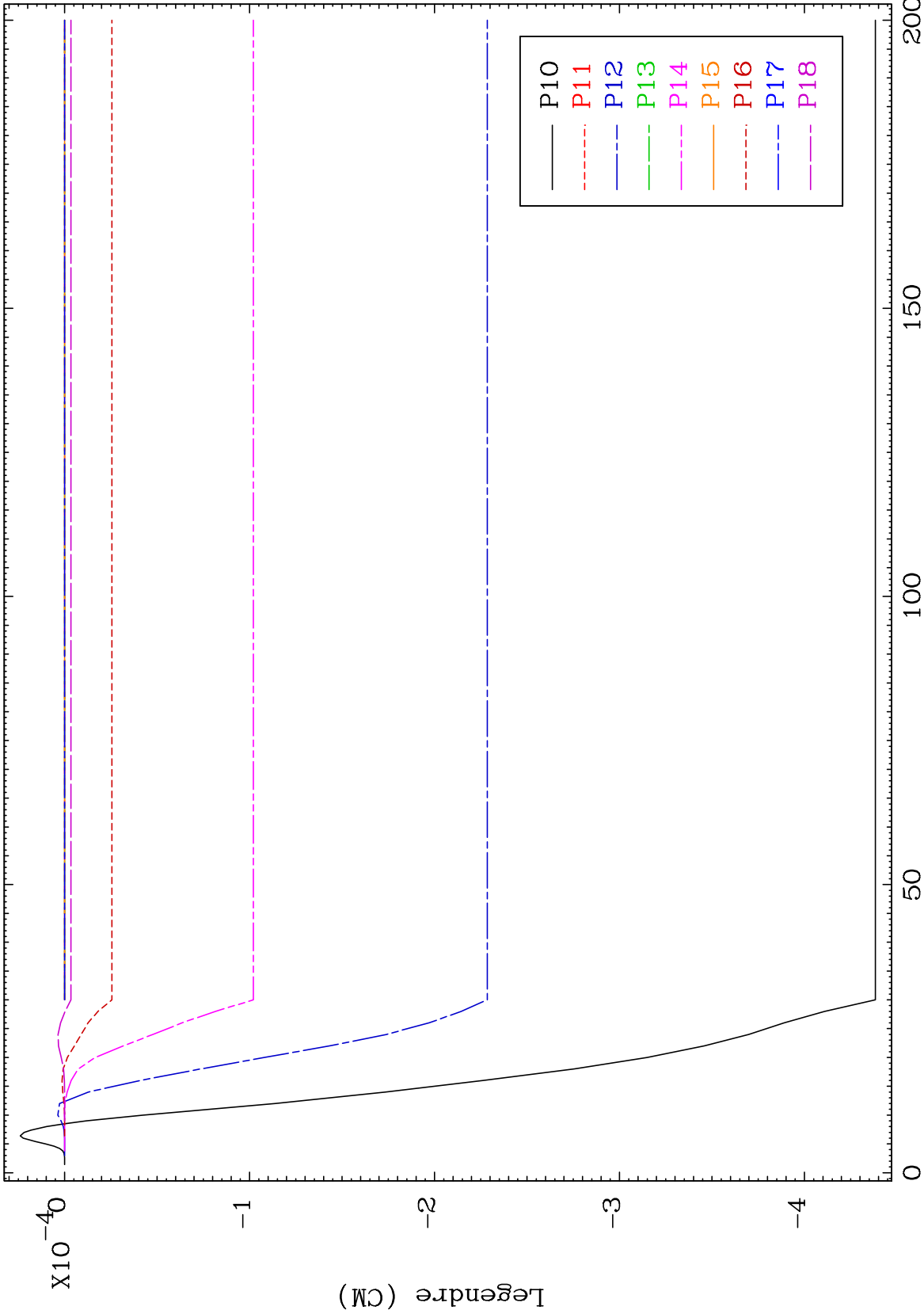
Incident Energy (MeV)

102

MAT 7104

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

71-Lu-168



103

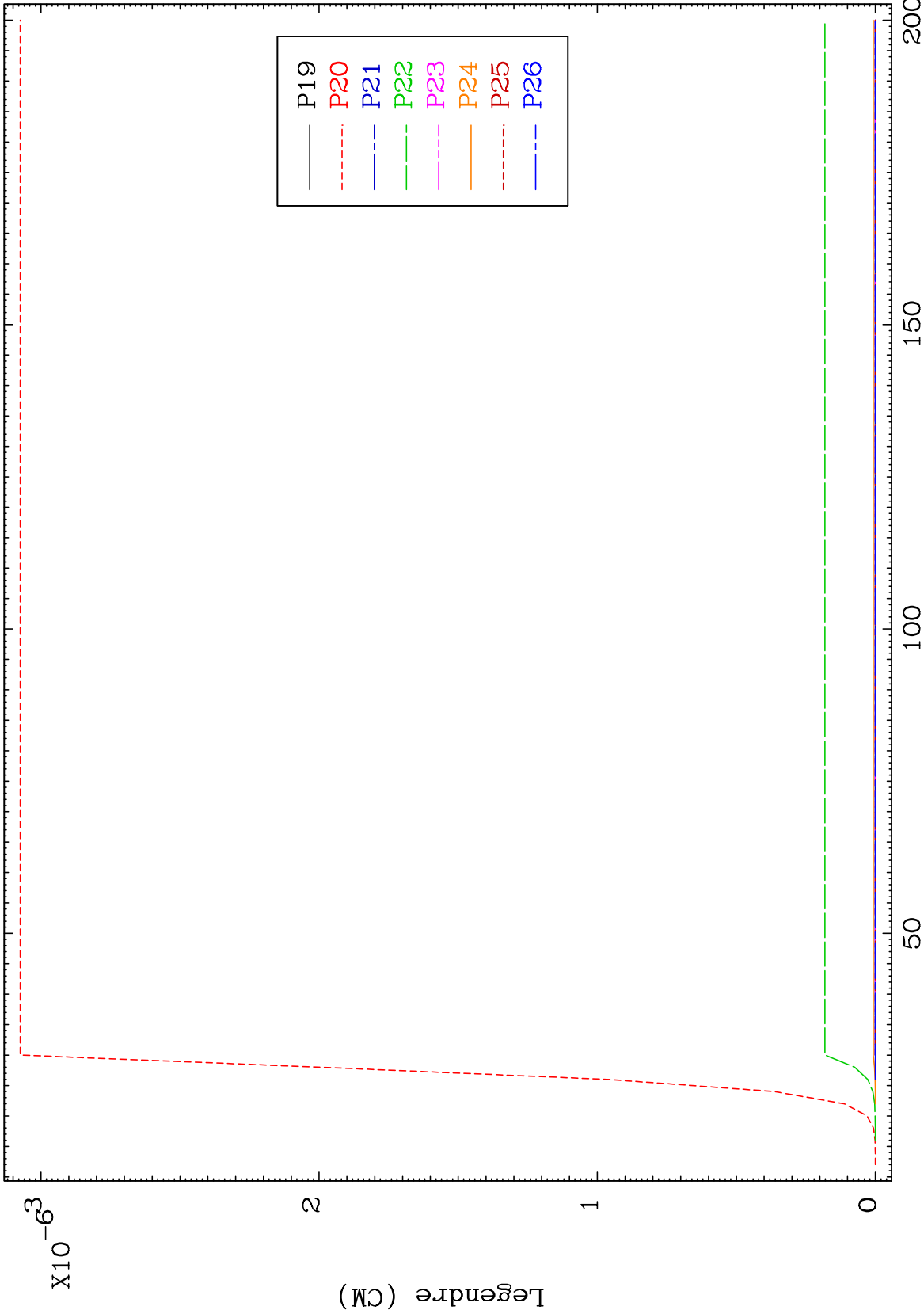
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



104

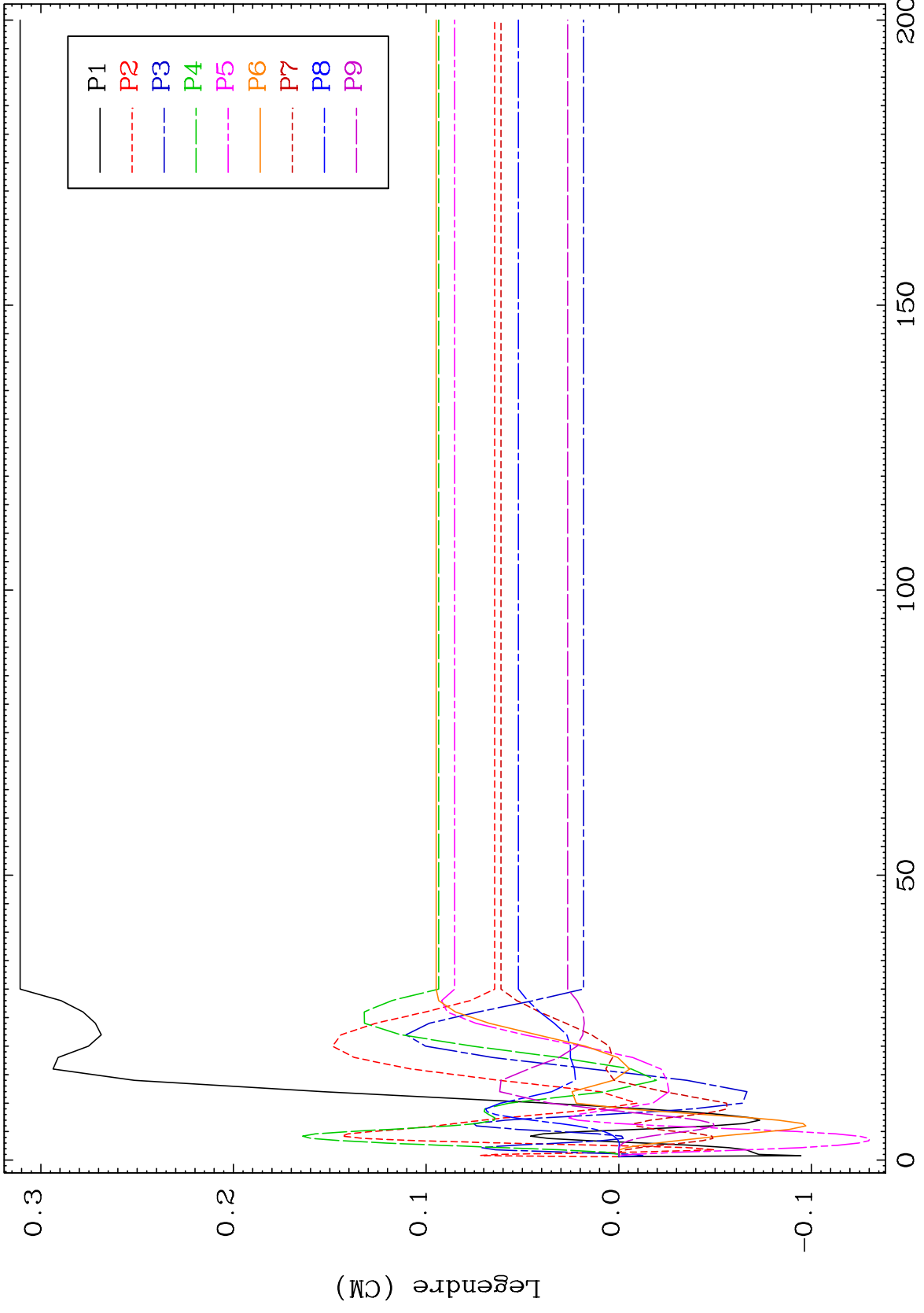
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



71-Lu-168

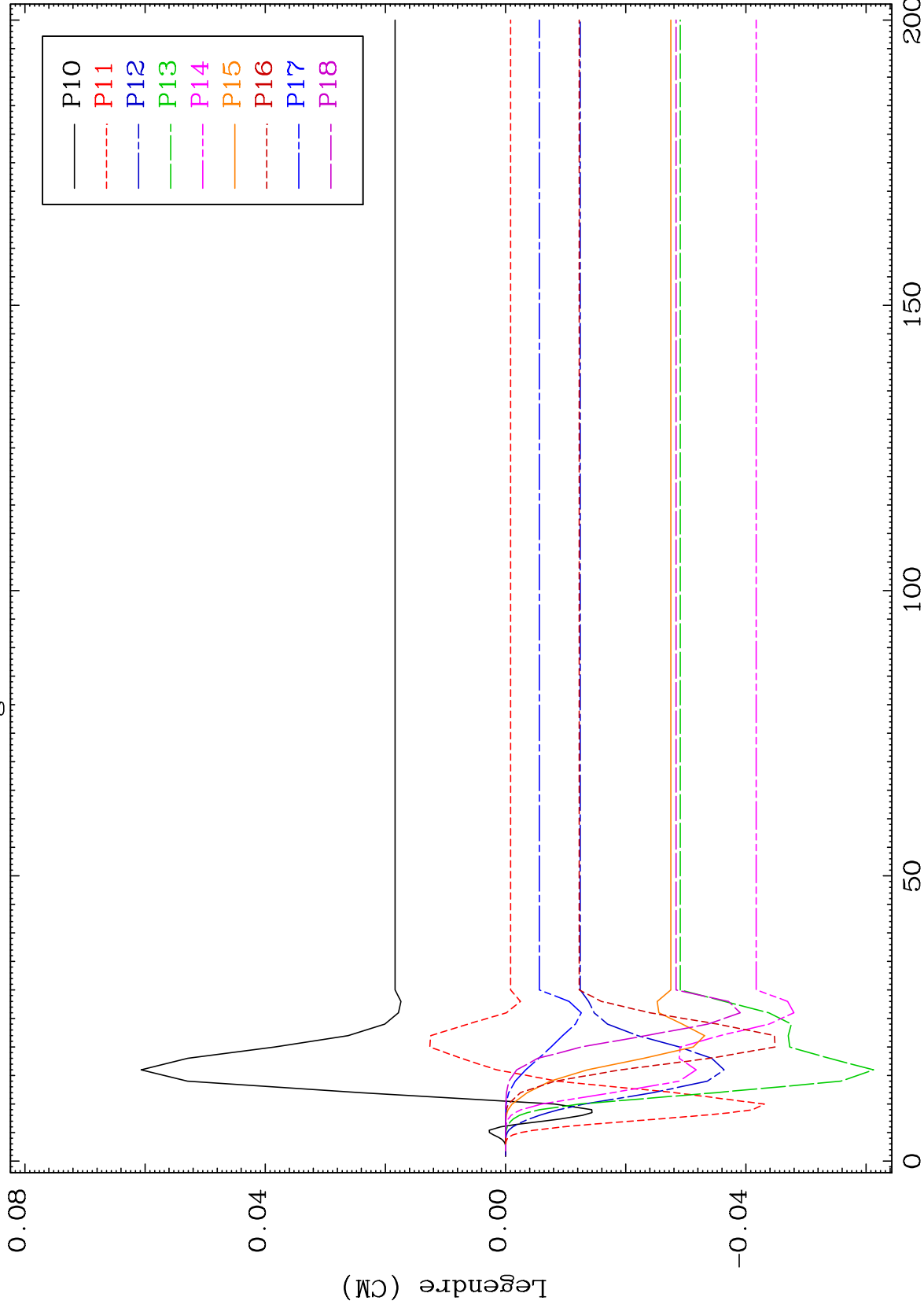
Incident Energy (MeV)

Legendre (CM)

MAT 7104

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

71-Lu-168



106

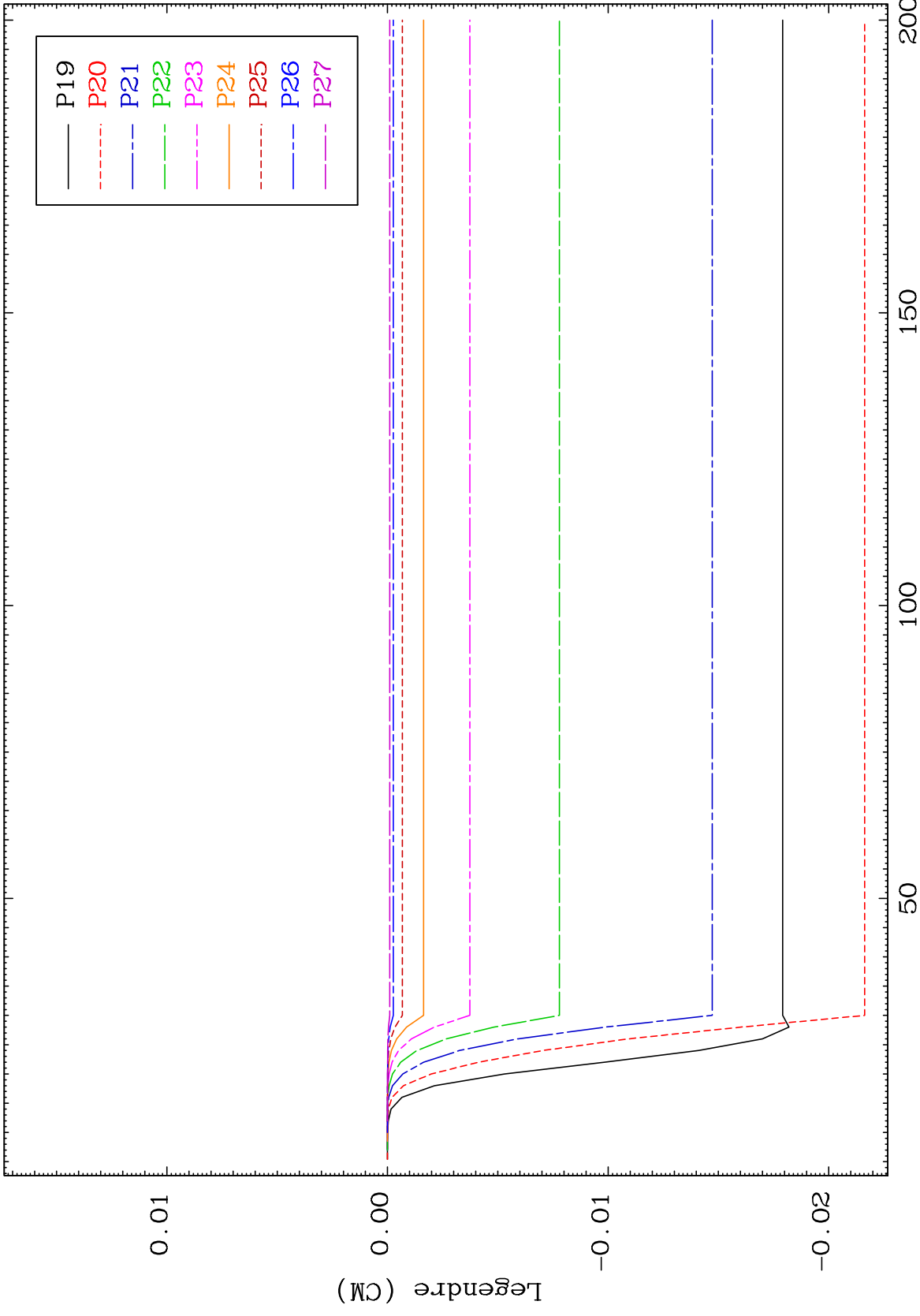
71-Lu-168

71-Lu-168

MAT 7104

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

71-Lu-168

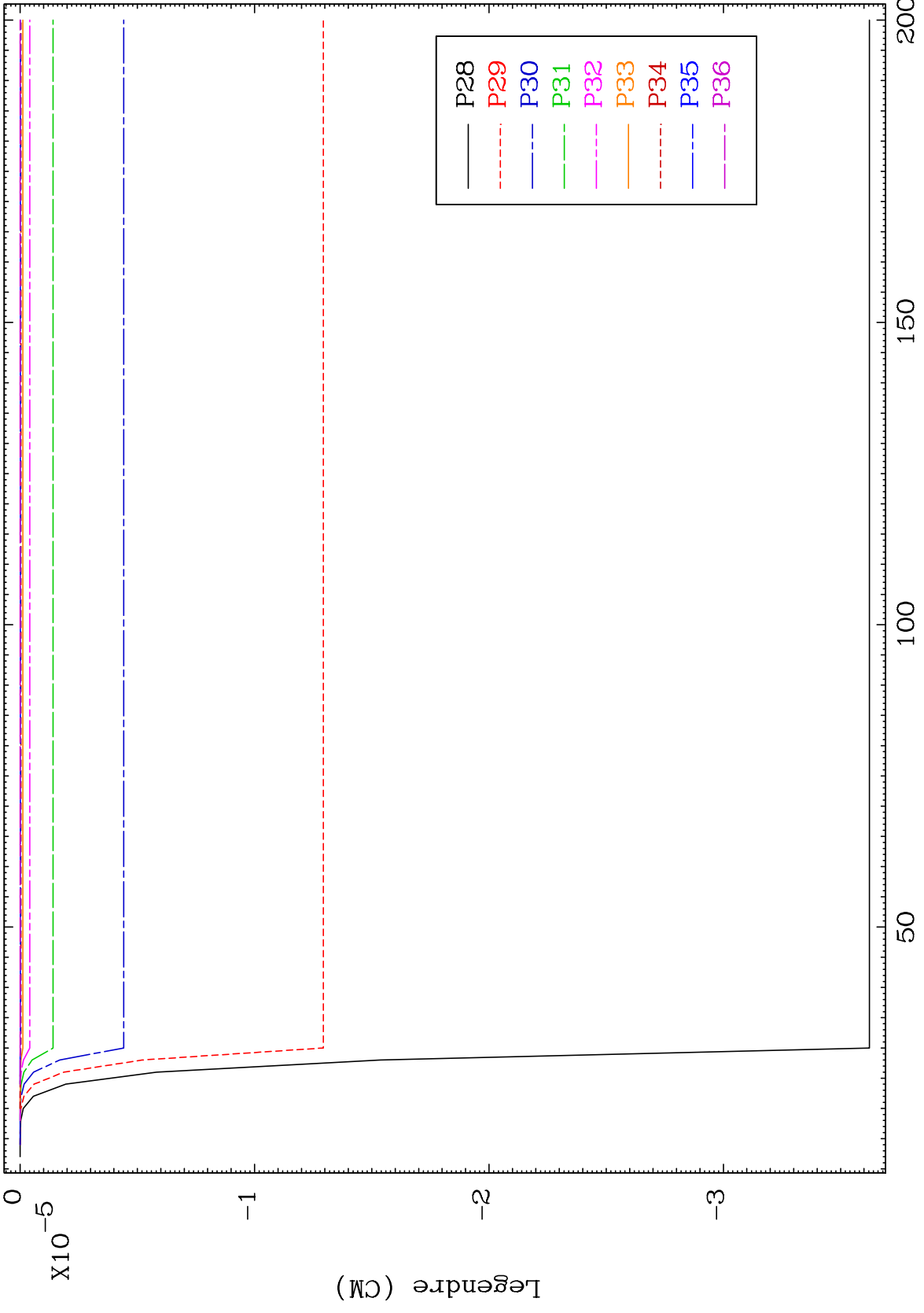


107

Incident Energy (MeV)

71-Lu-168

MAT 7104 MT= 76 (n,n') Level Legendre Coefficients 71-Lu-168

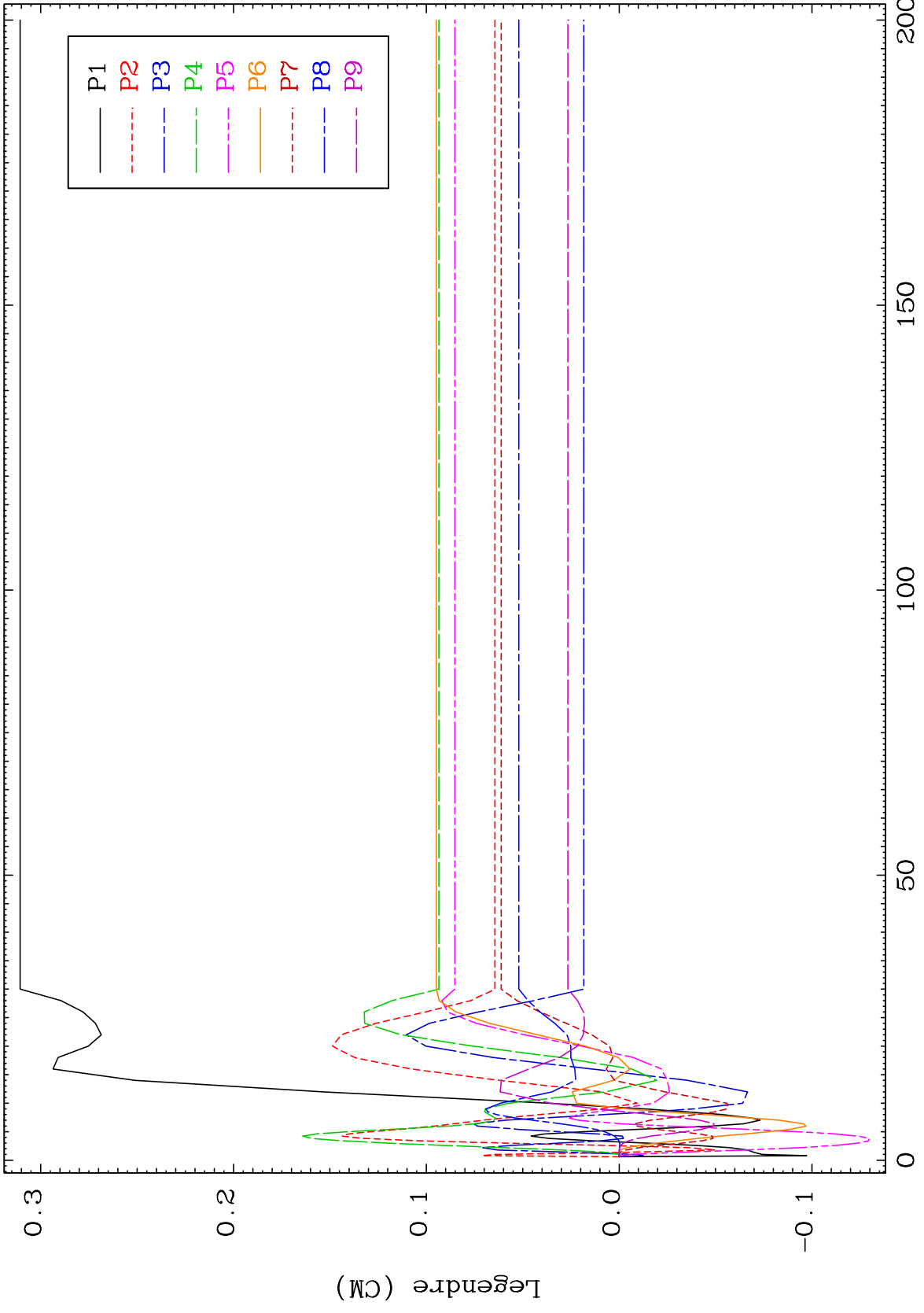


108 Incident Energy (MeV) 71-Lu-168

MAT 7104

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

71-Lu-168



109

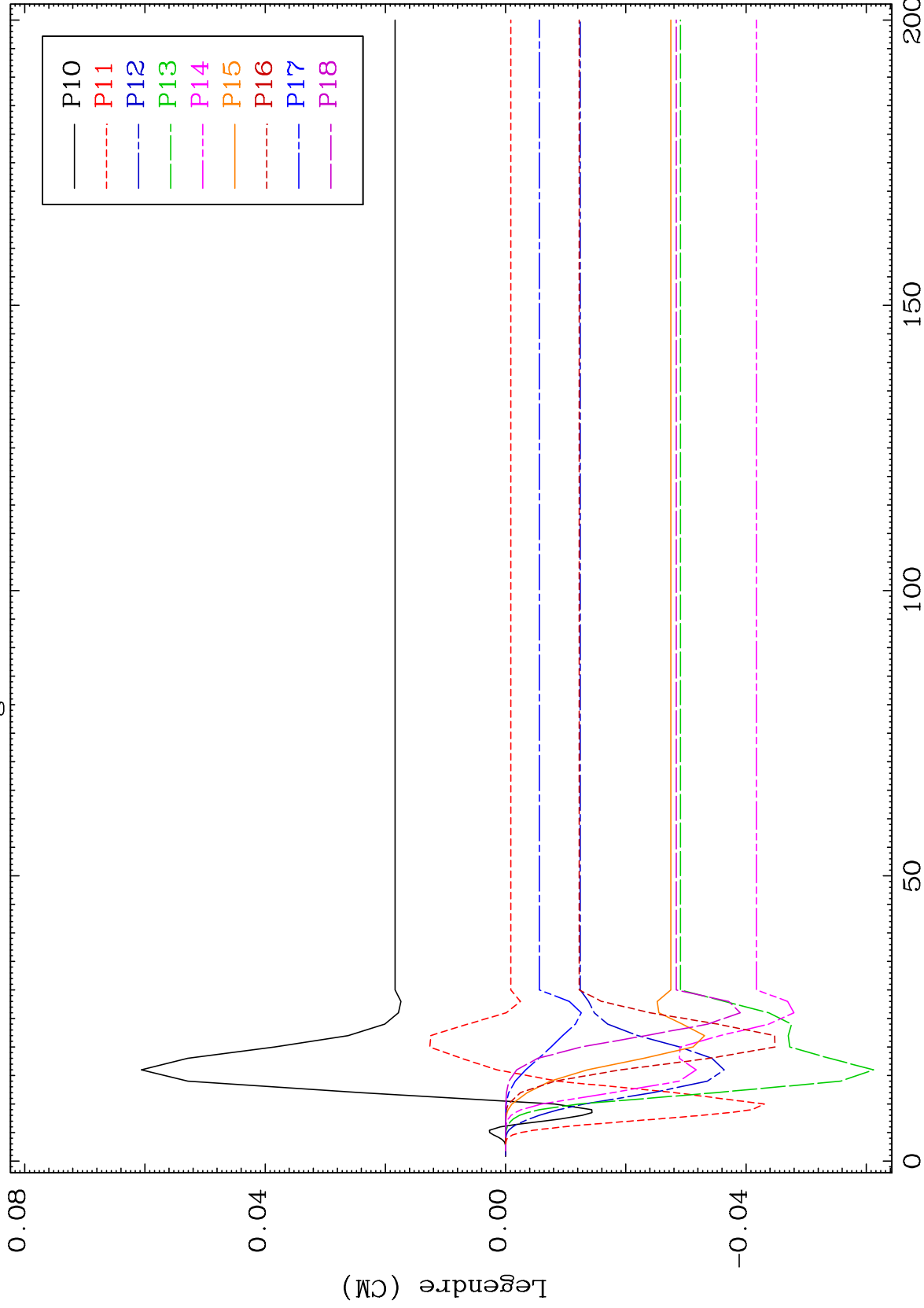
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



71-Lu-168

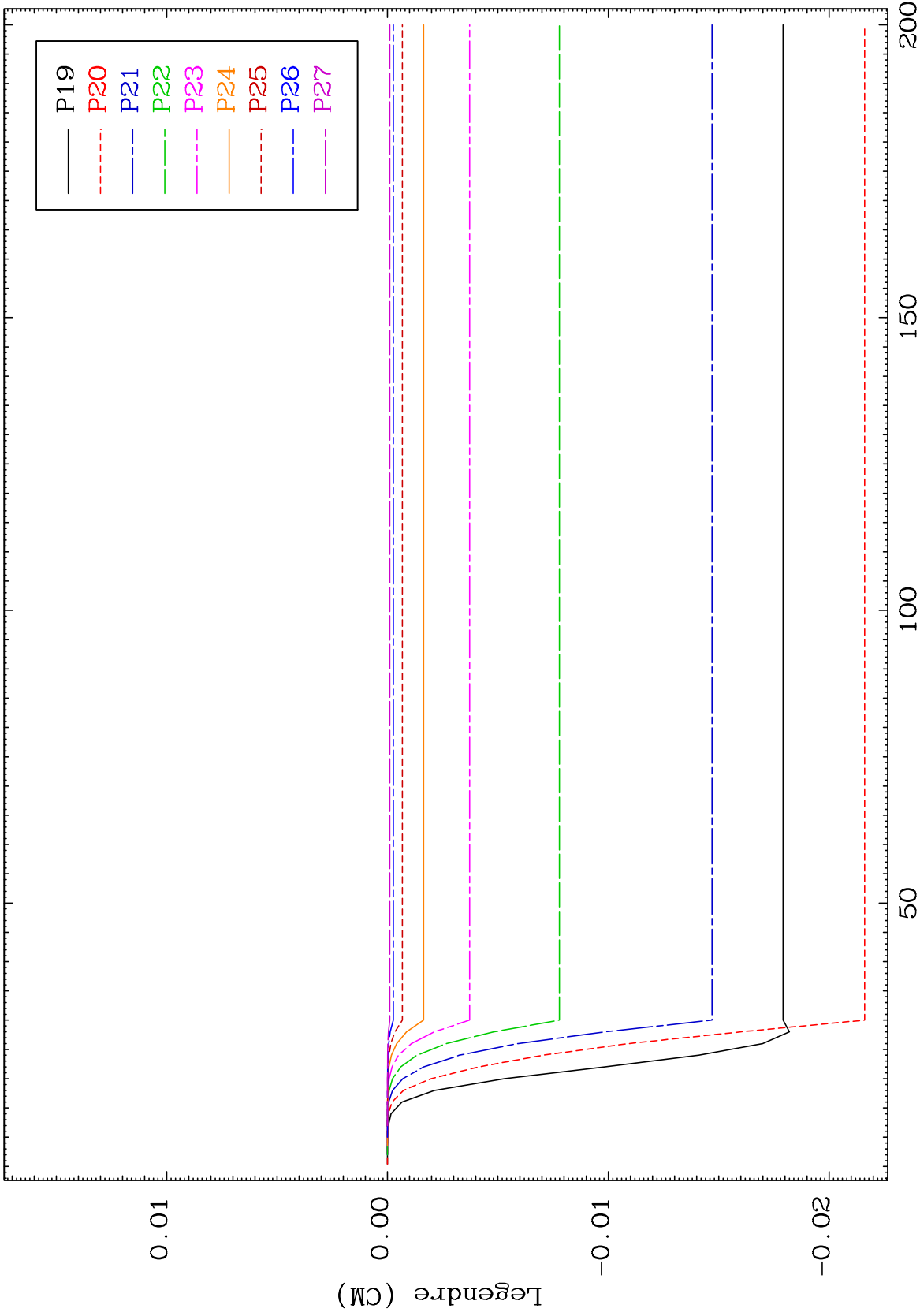
Incident Energy (MeV)

110

MAT 7104

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

71-Lu-168



111

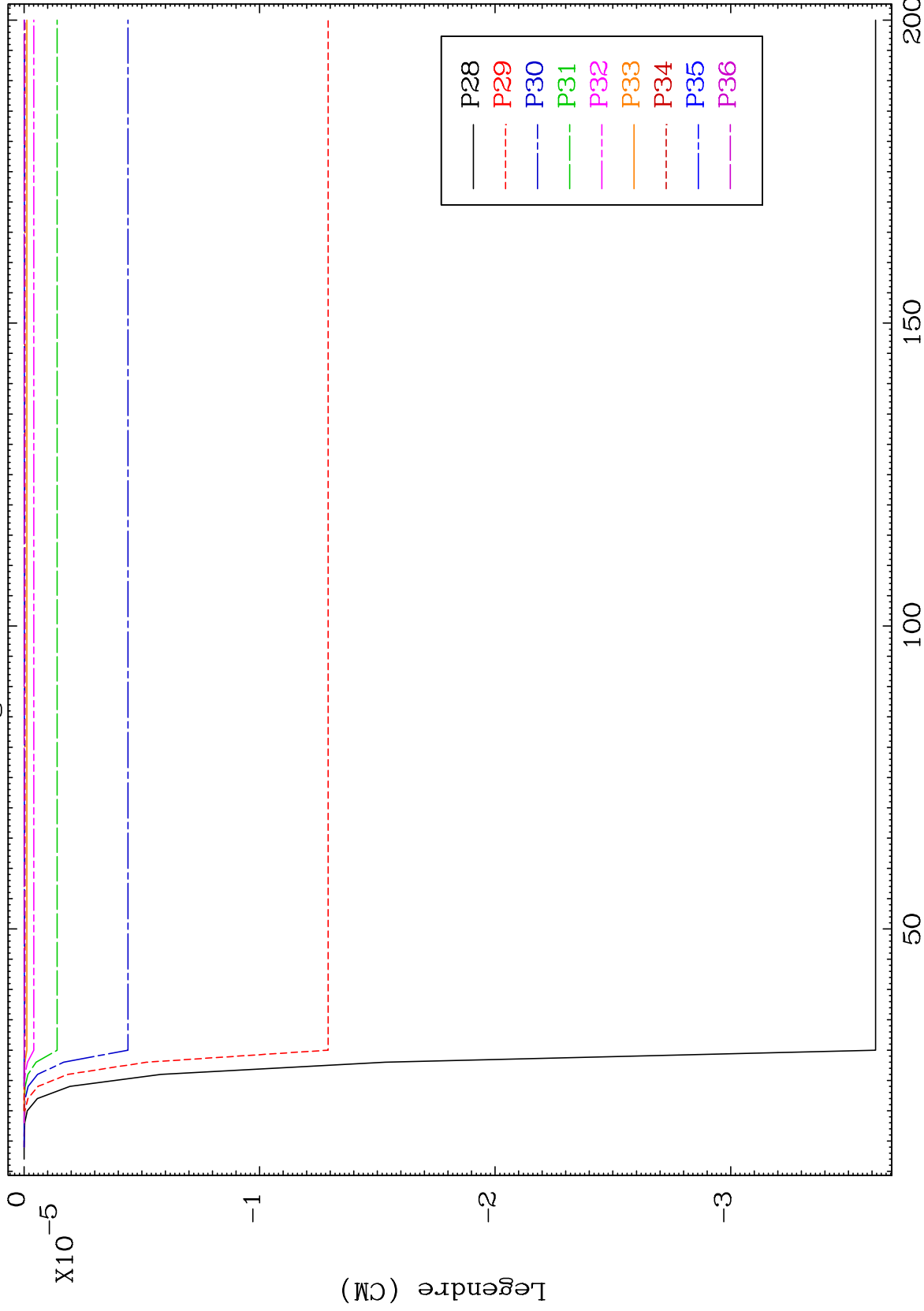
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



71-Lu-168

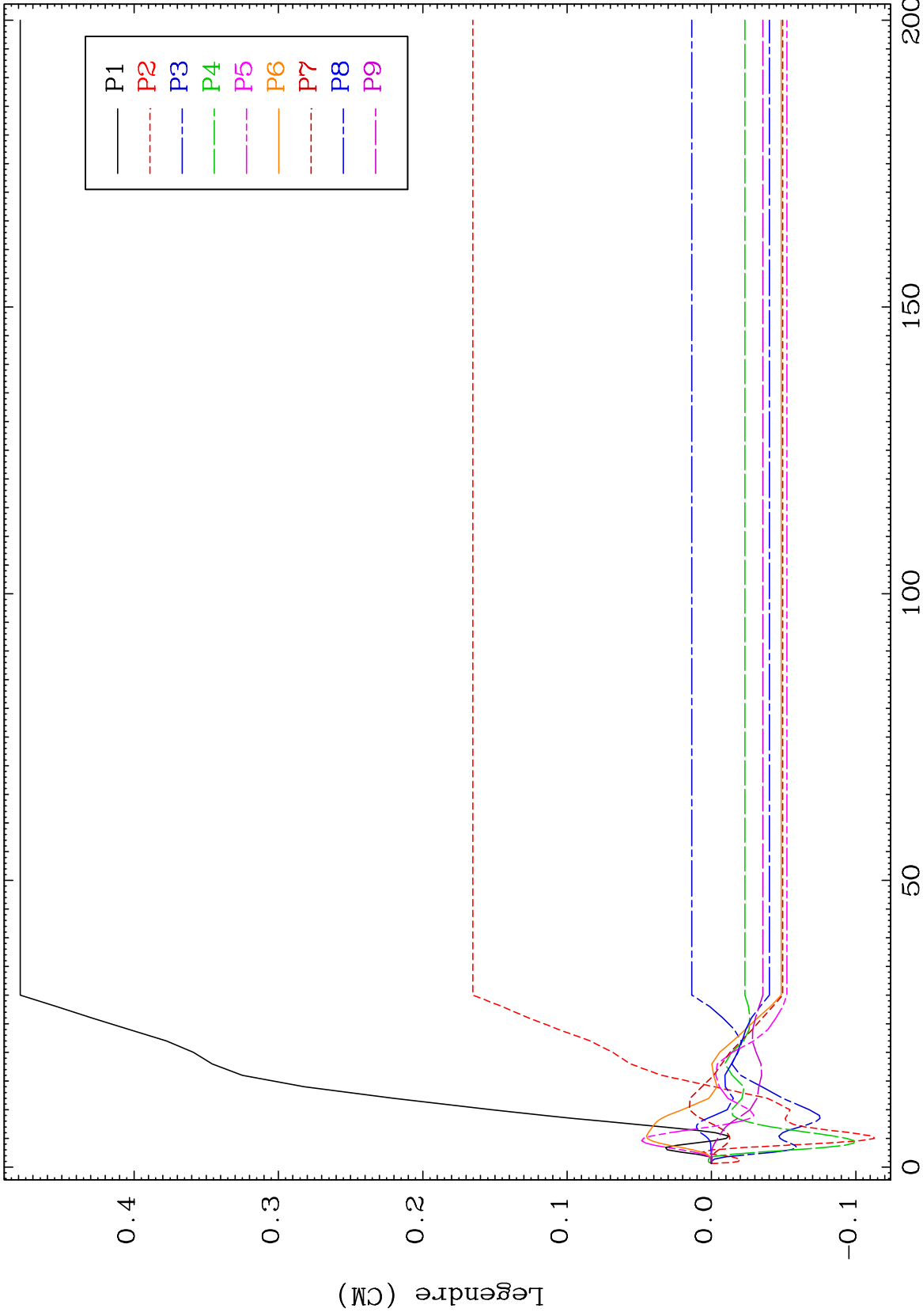
Incident Energy (MeV)

112

MAT 7104

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

71-Lu-168



71-Lu-168

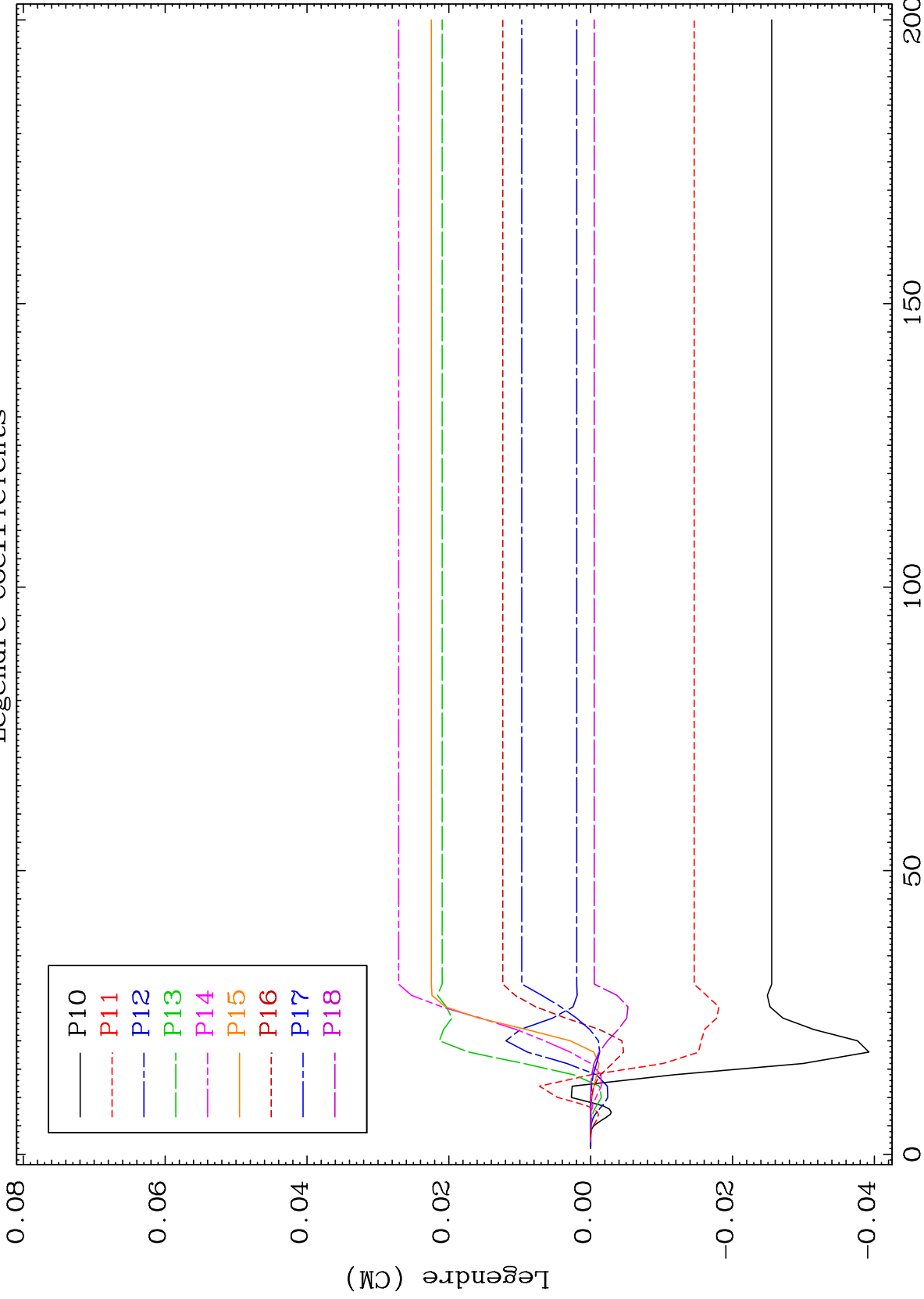
Incident Energy (MeV)

113

MAT 7104

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

71-Lu-168



114

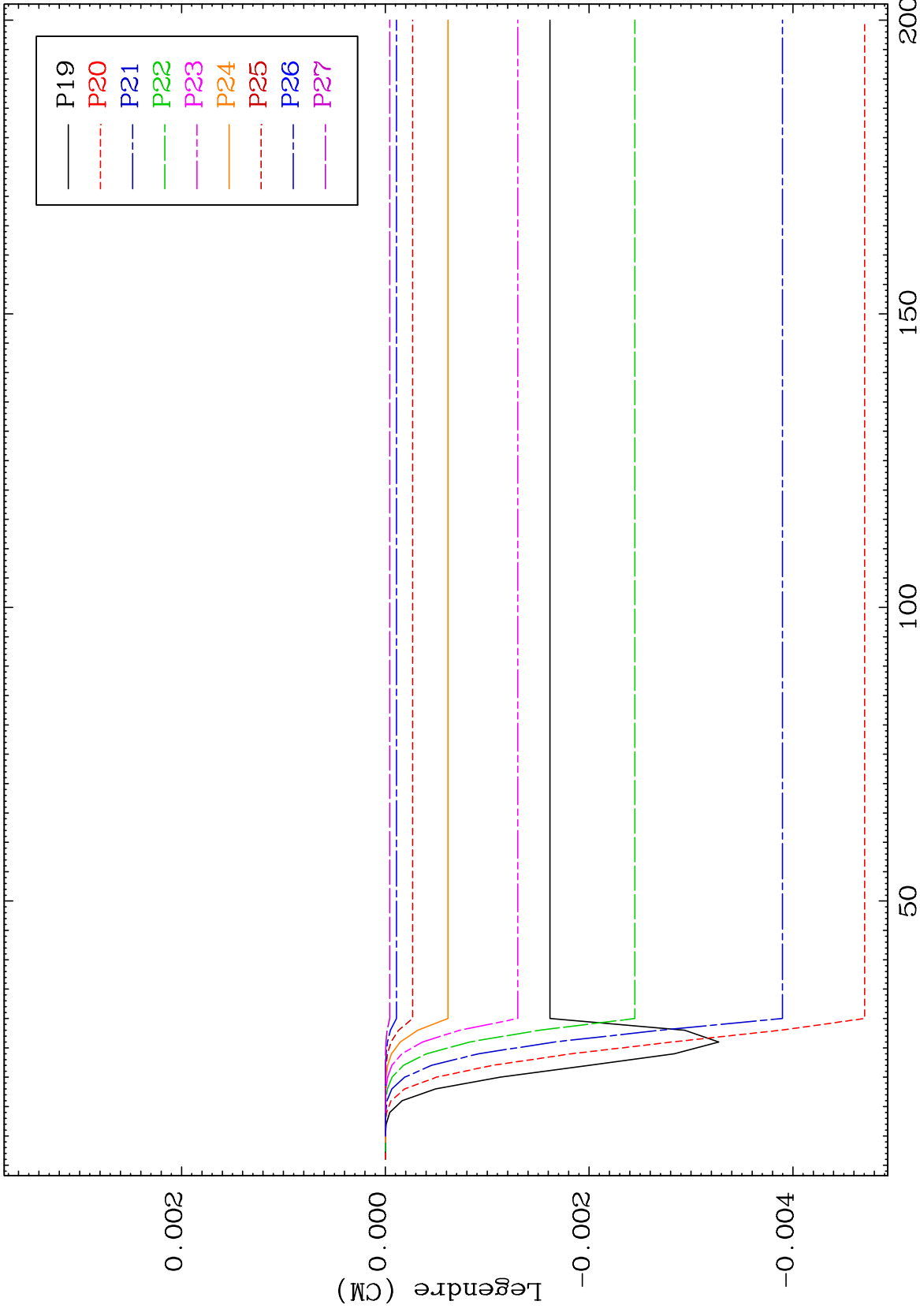
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



115

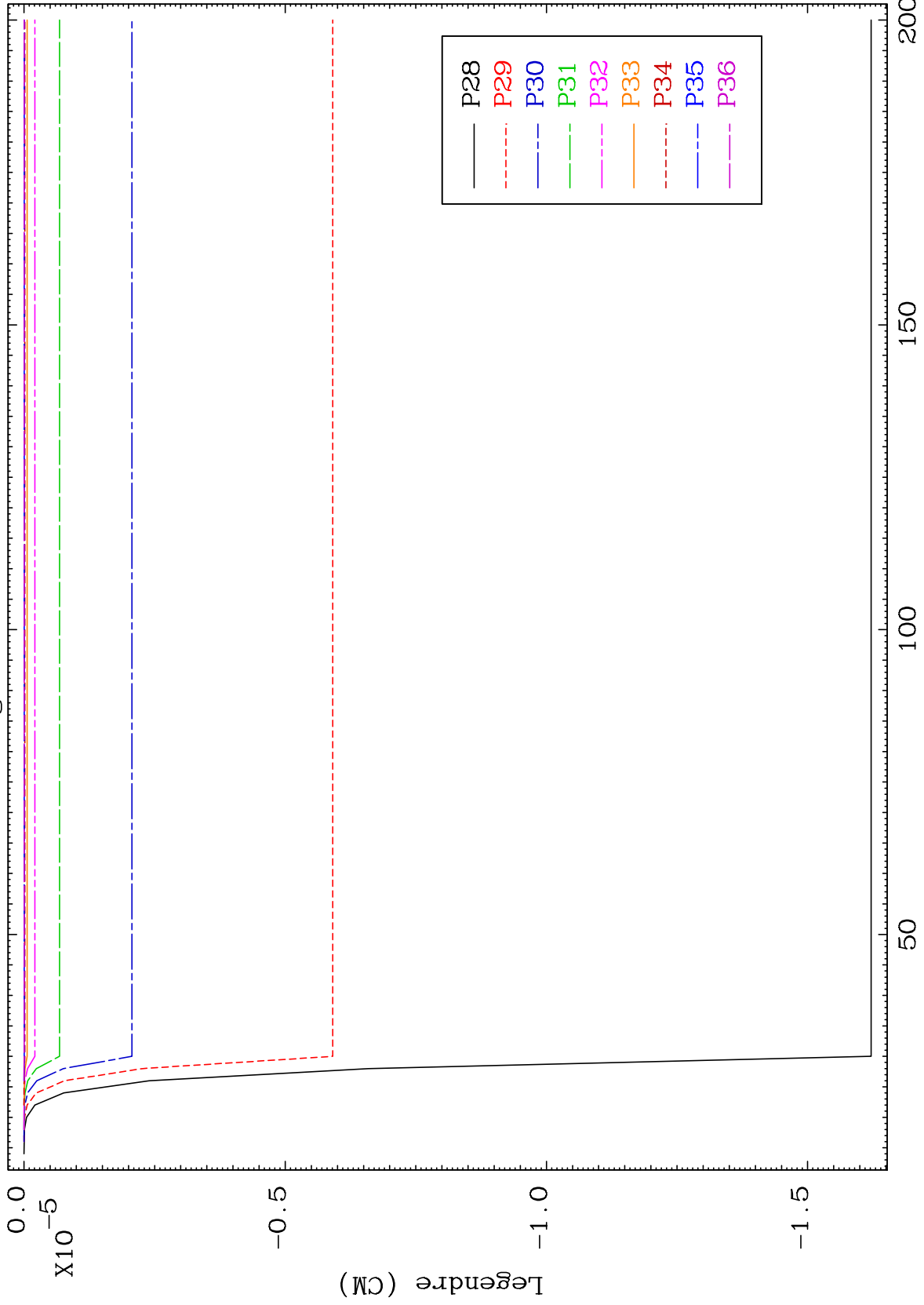
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

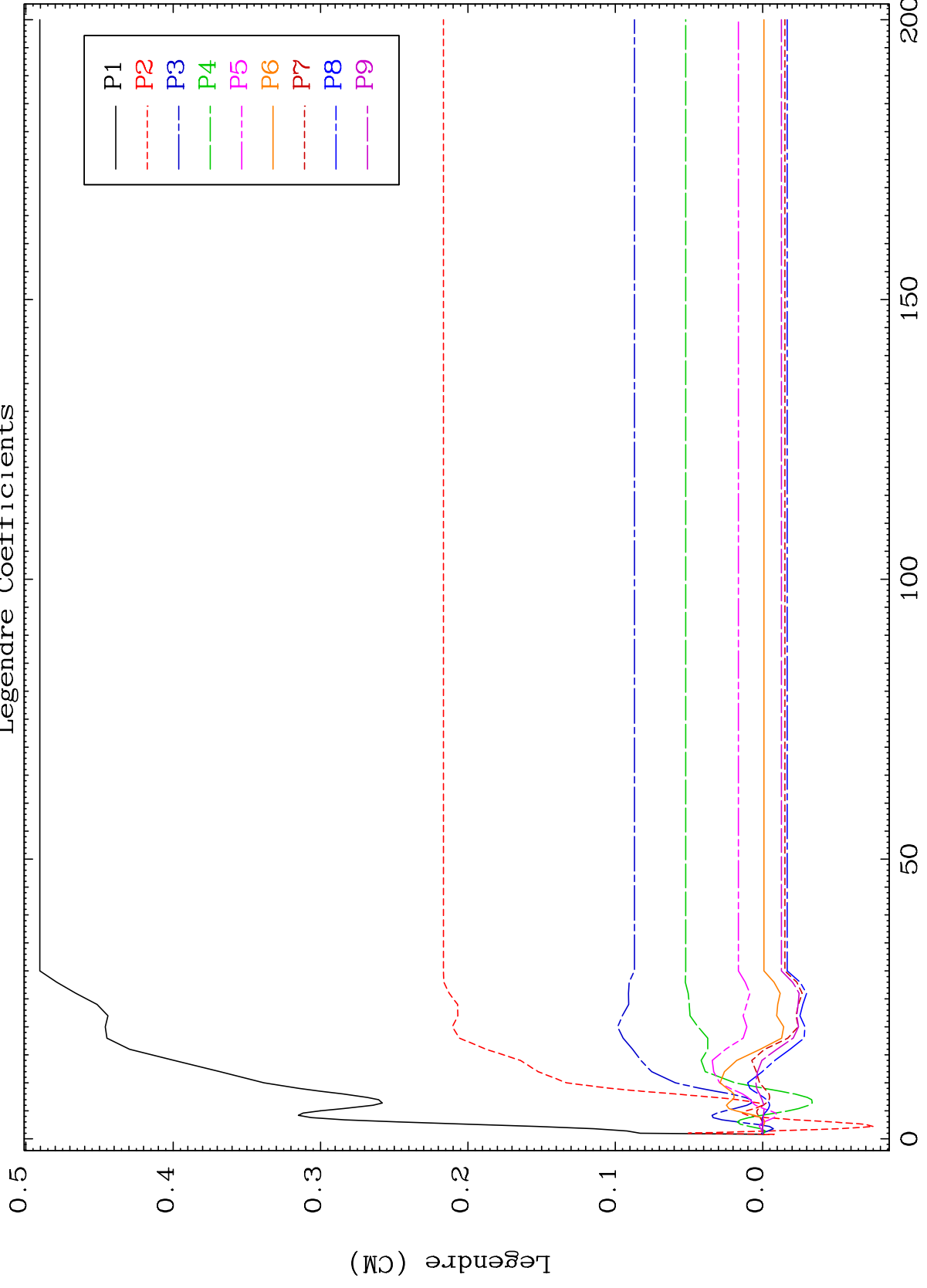
71-Lu-168



71-Lu-168

Incident Energy (MeV)

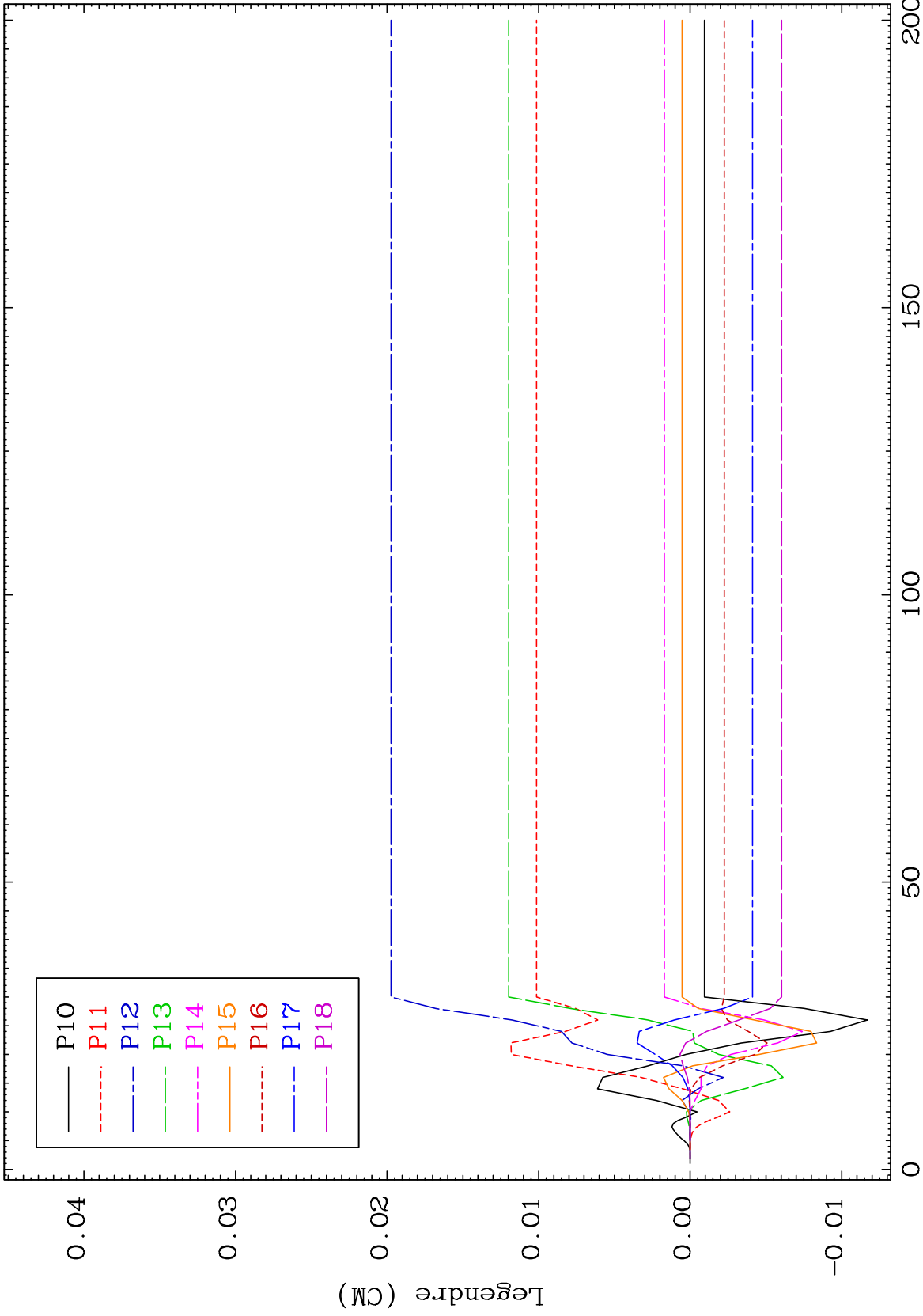
116



MAT 7104

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

71-Lu-168



118

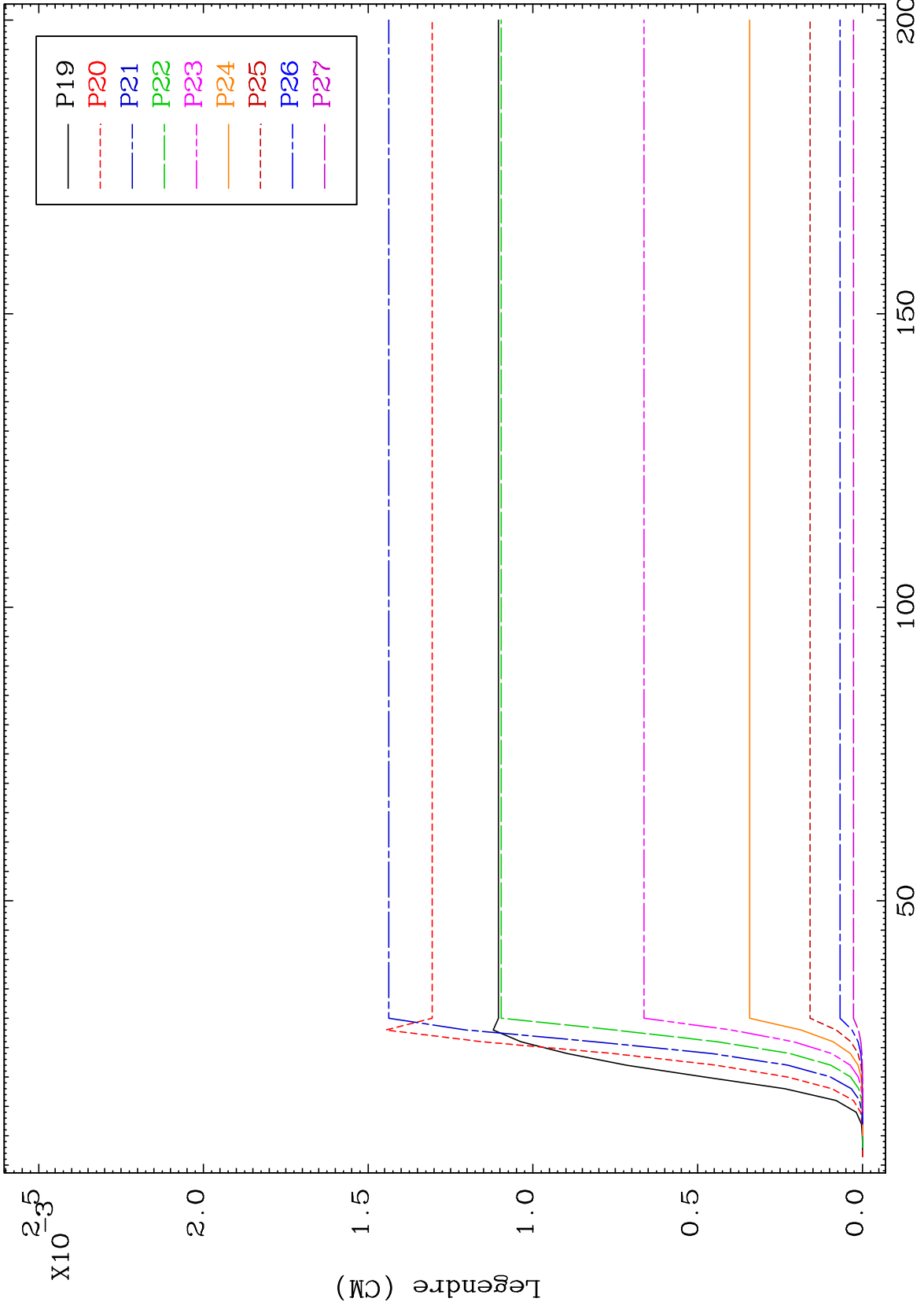
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



119

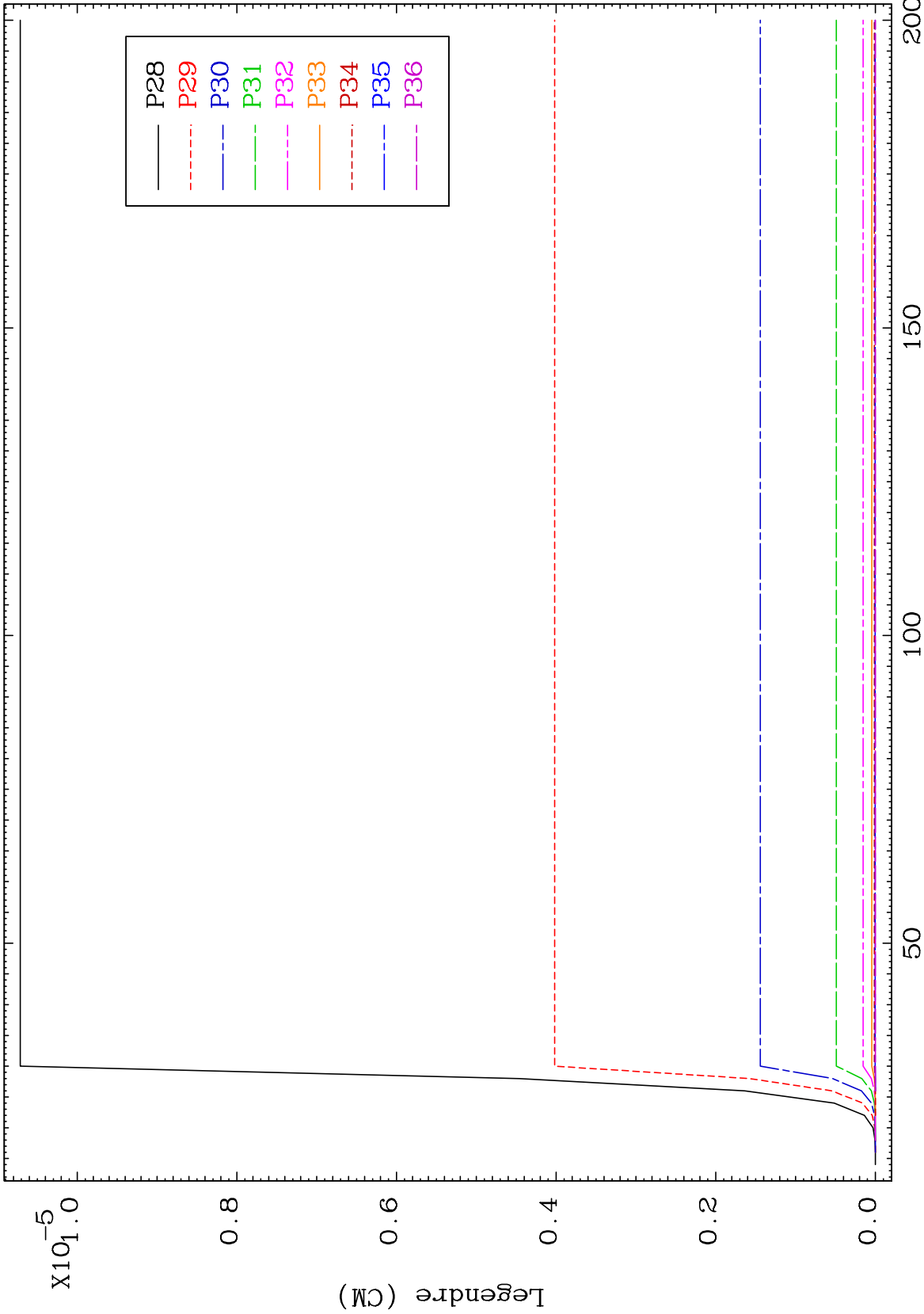
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



71-Lu-168

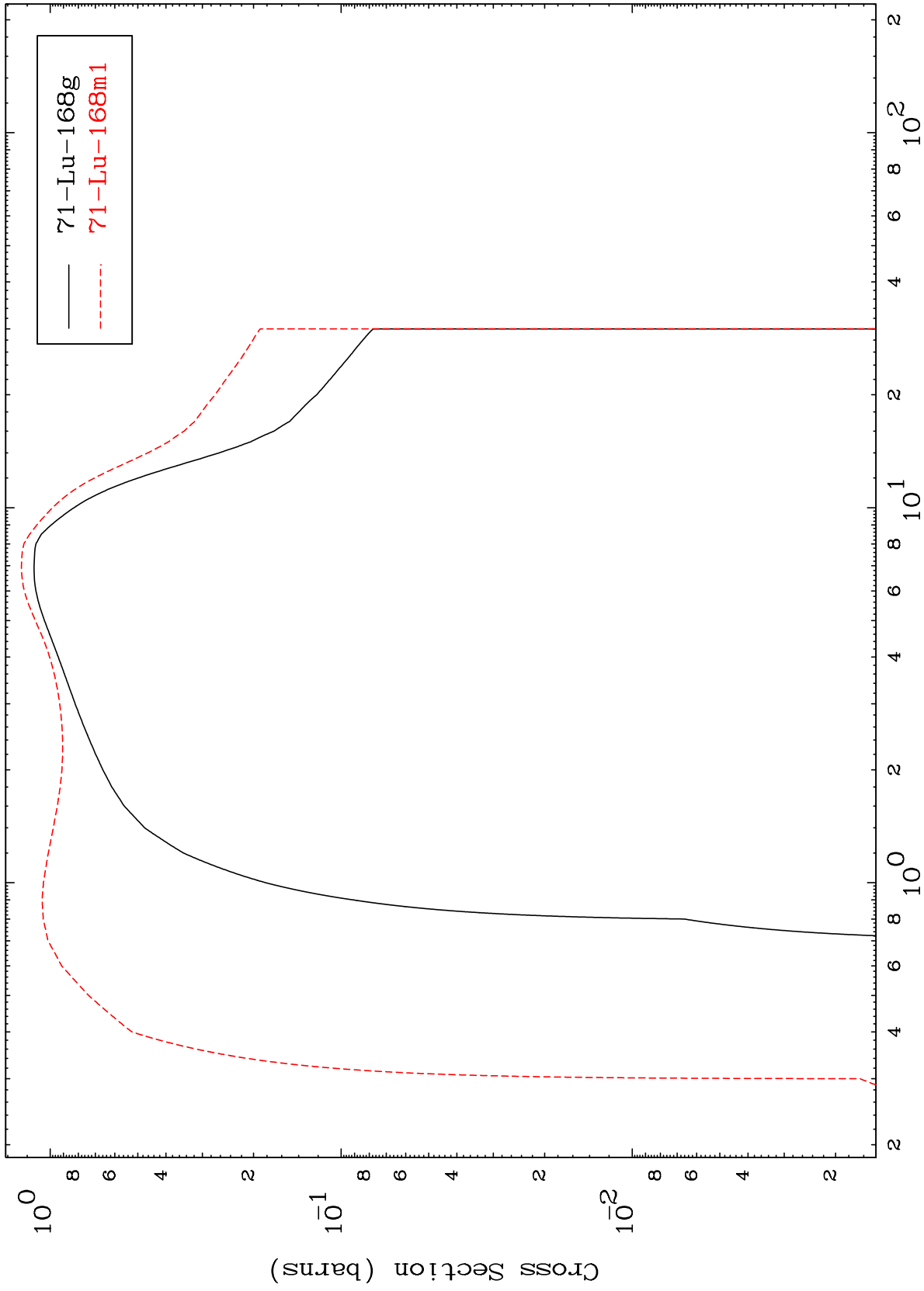
Incident Energy (MeV)

Legendre (CM)

MAT 7104

71-Lu-168

Inelastic Radionuclide Production Cross Section



121

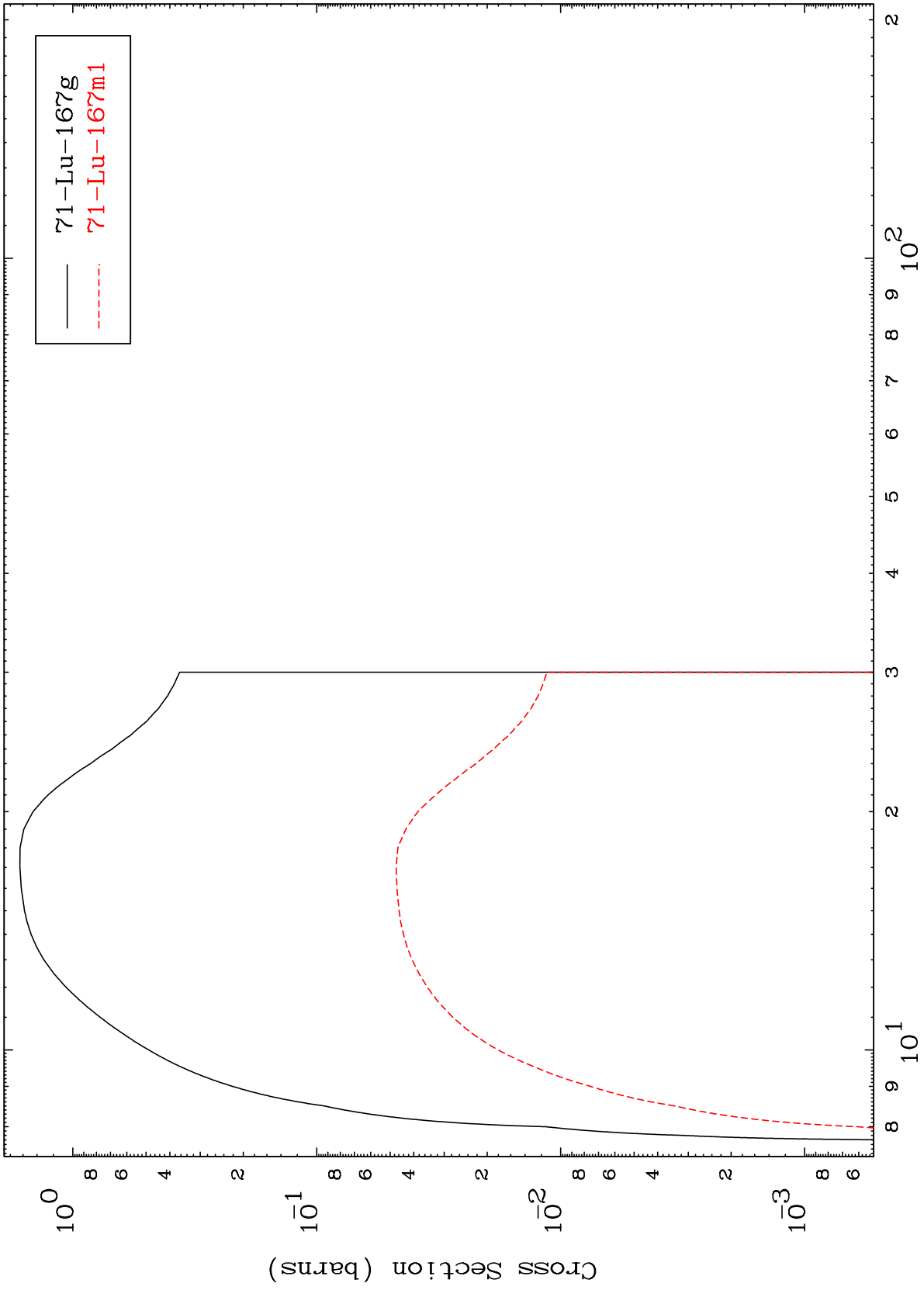
Incident Energy (MeV)

71-Lu-168

MAT 7104

71-Lu-168

(n,2n)
Radionuclide Production Cross Section



122

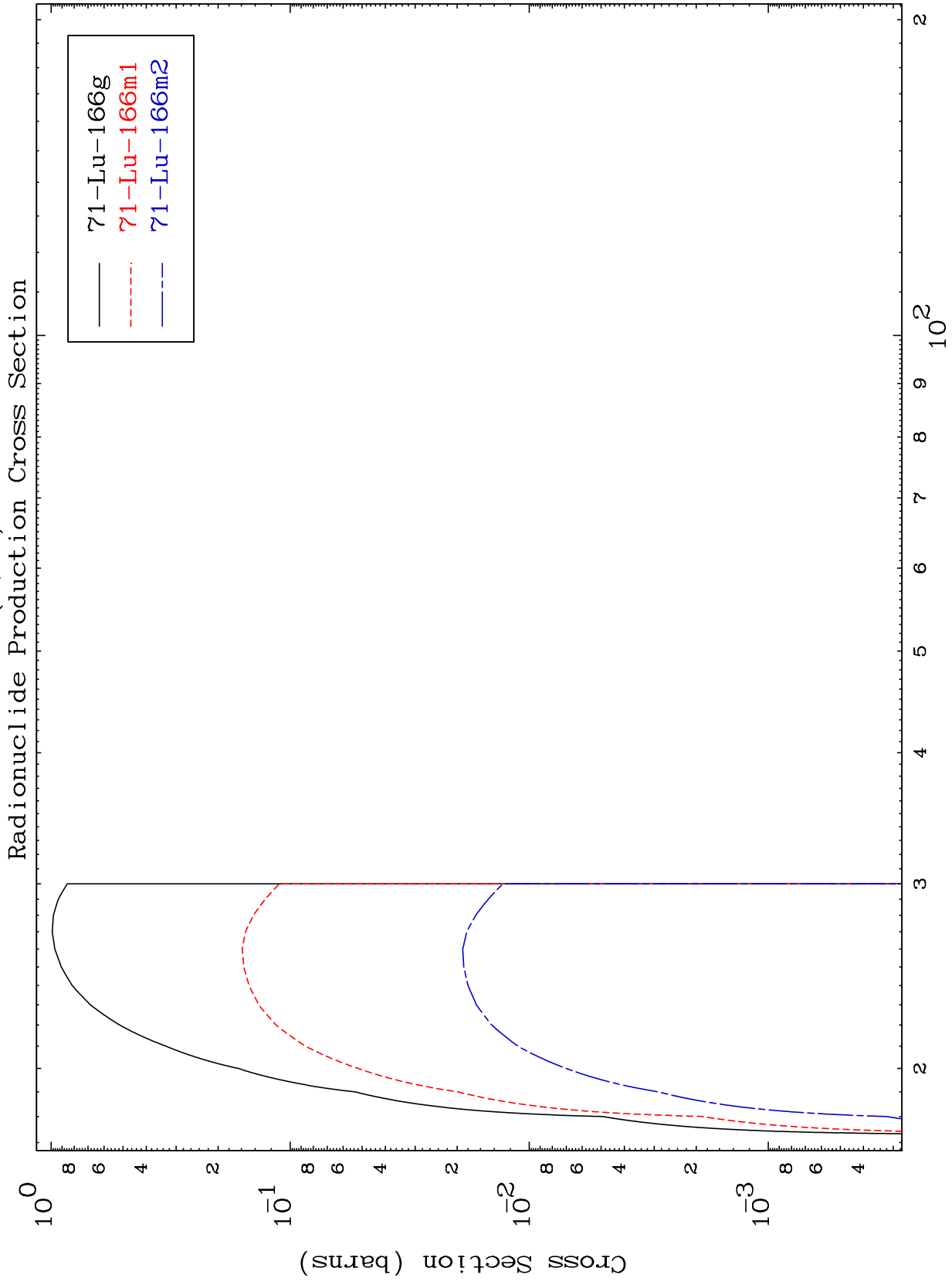
Incident Energy (MeV)

71-Lu-168

MAT 7104

(n,3n)

71-Lu-168



123

Incident Energy (MeV)

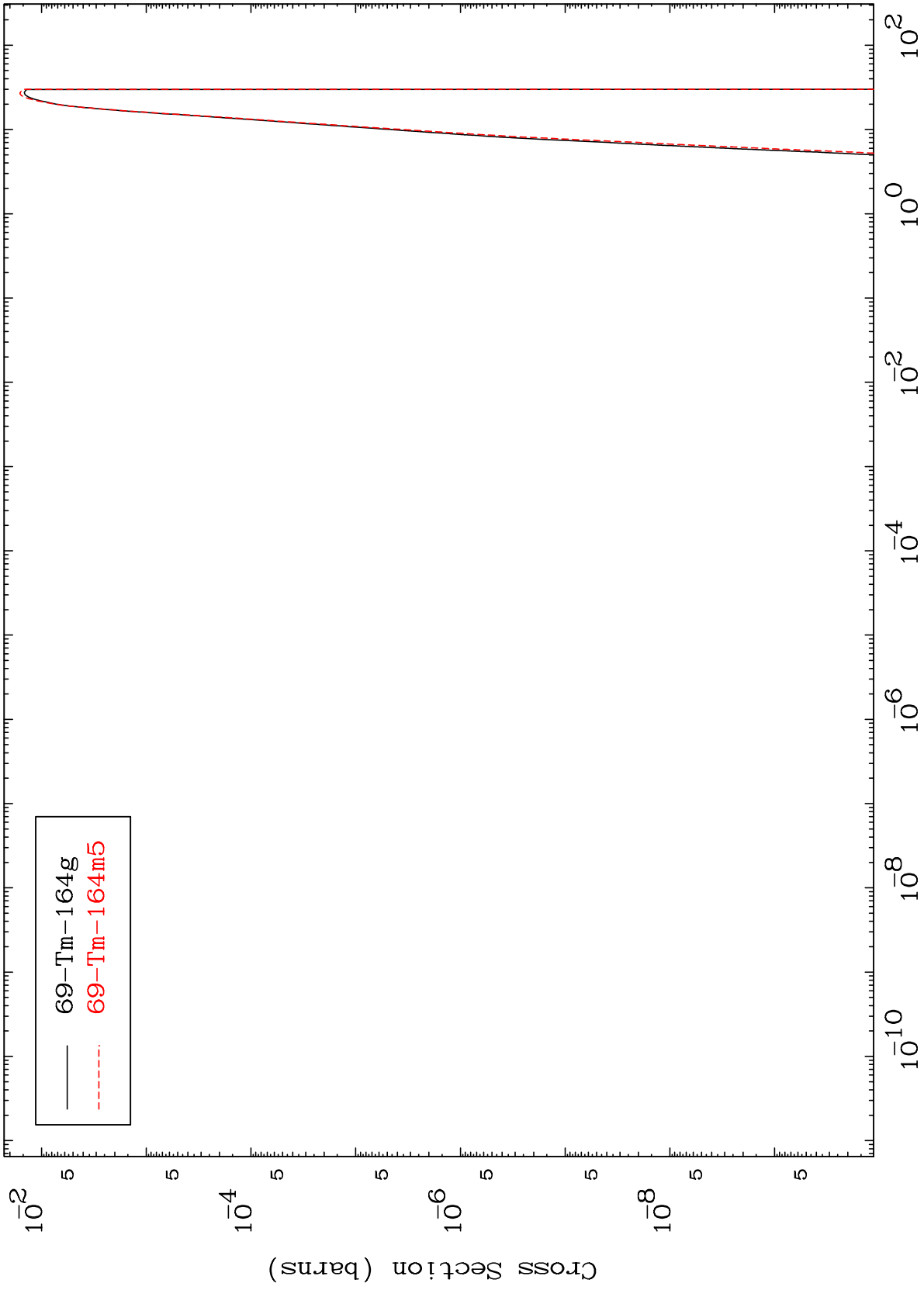
71-Lu-168

MAT 7104

(n,n') α

71-Lu-168

Radionuclide Production Cross Section



124

Incident Energy (MeV)

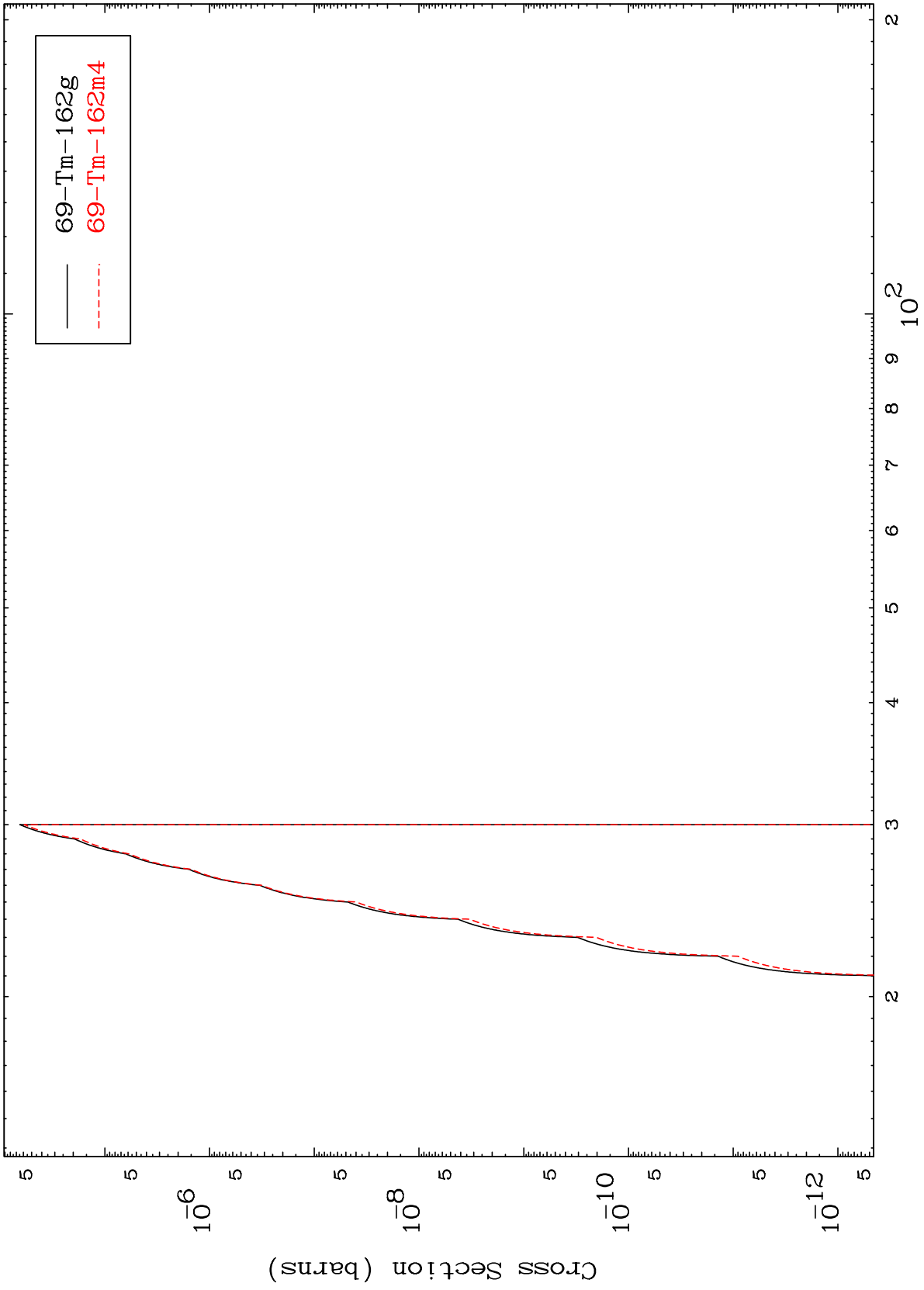
71-Lu-168

MAT 7104

(n,3n) α

71-Lu-168

Radionuclide Production Cross Section



125

Incident Energy (MeV)

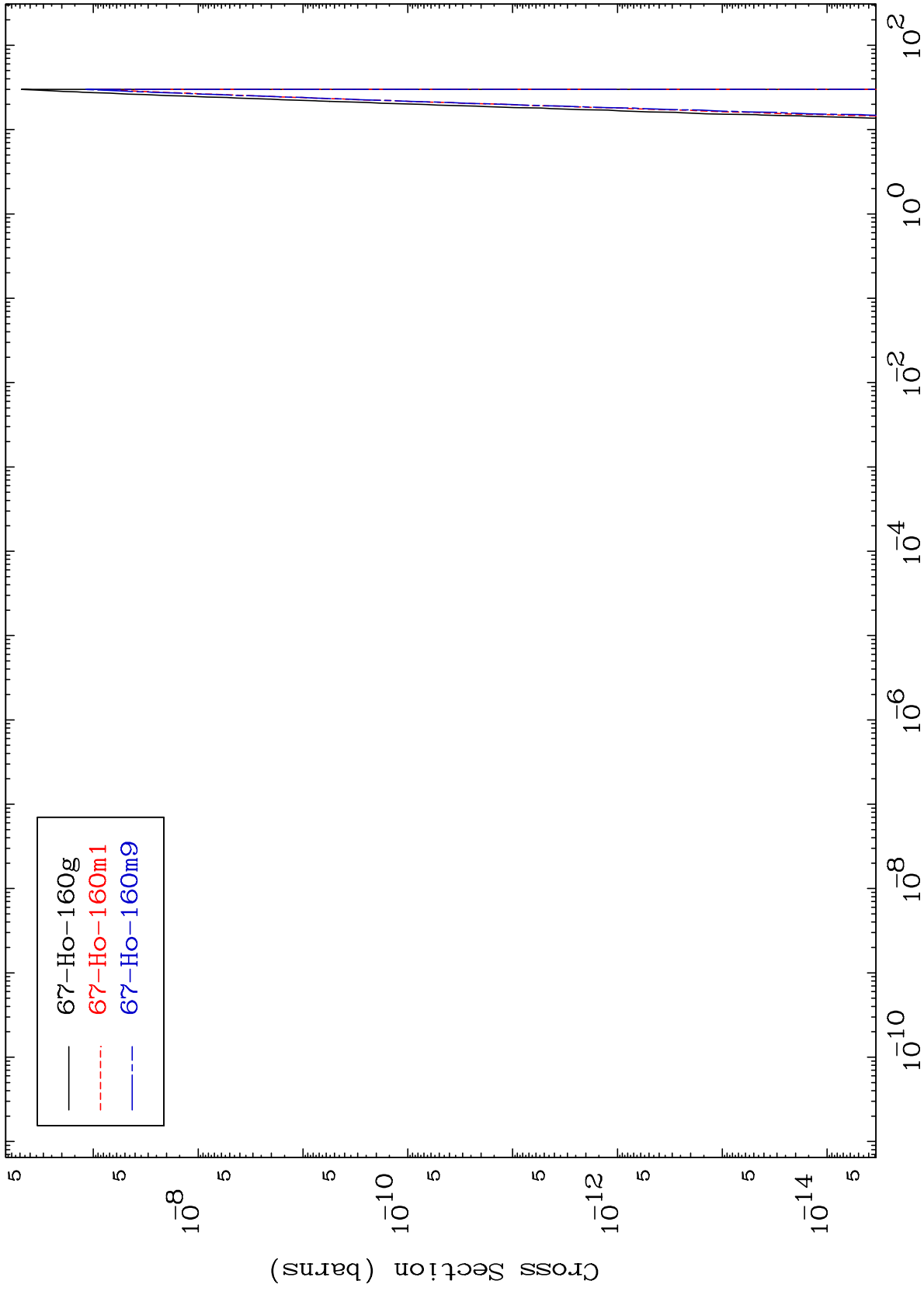
71-Lu-168

MAT 7104

(n,n') 2 α

71-Lu-168

Radionuclide Production Cross Section



126

Incident Energy (MeV)

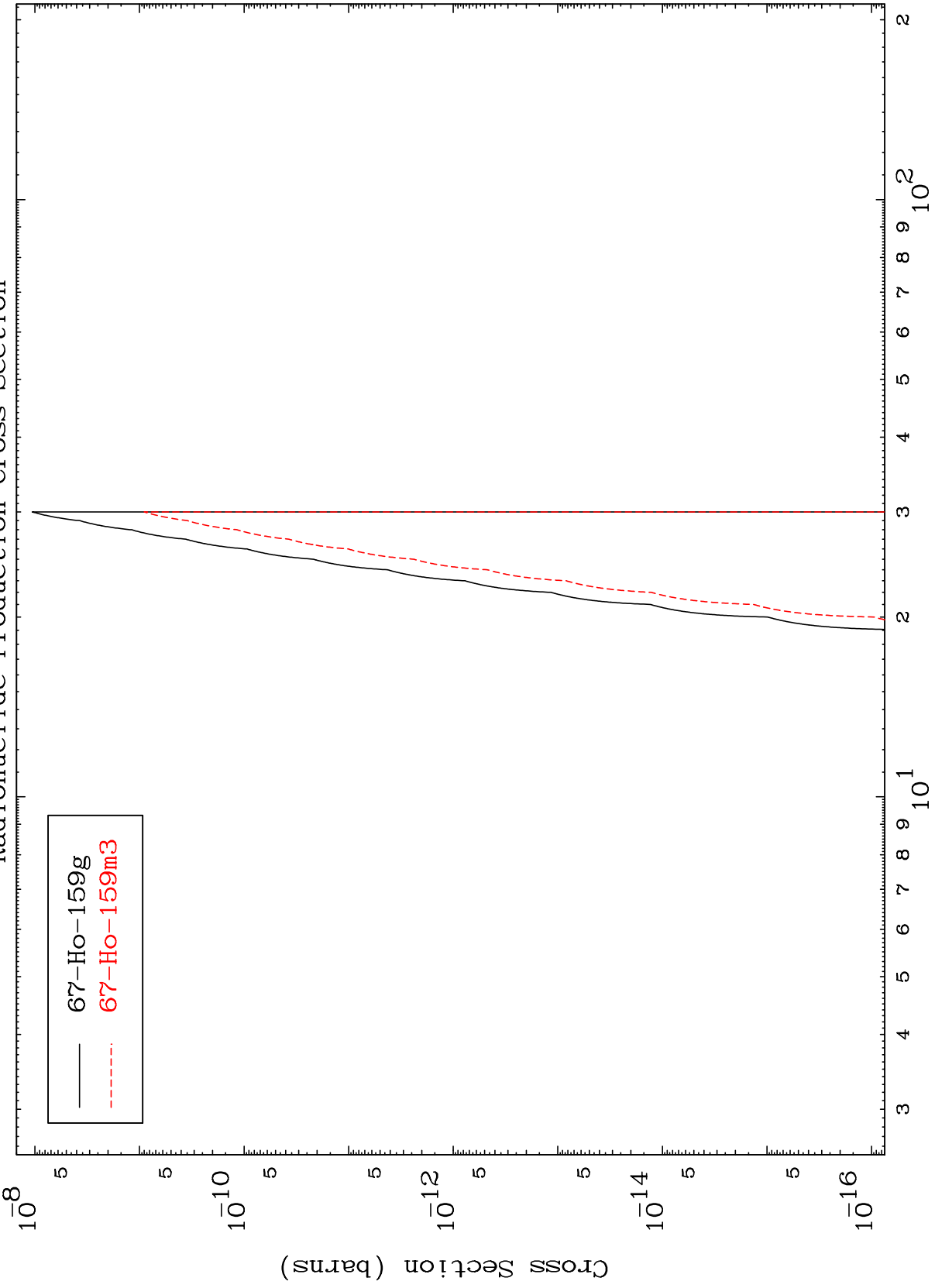
71-Lu-168

MAT 7104

(n,2n) 2α

71-Lu-168

Radionuclide Production Cross Section



127

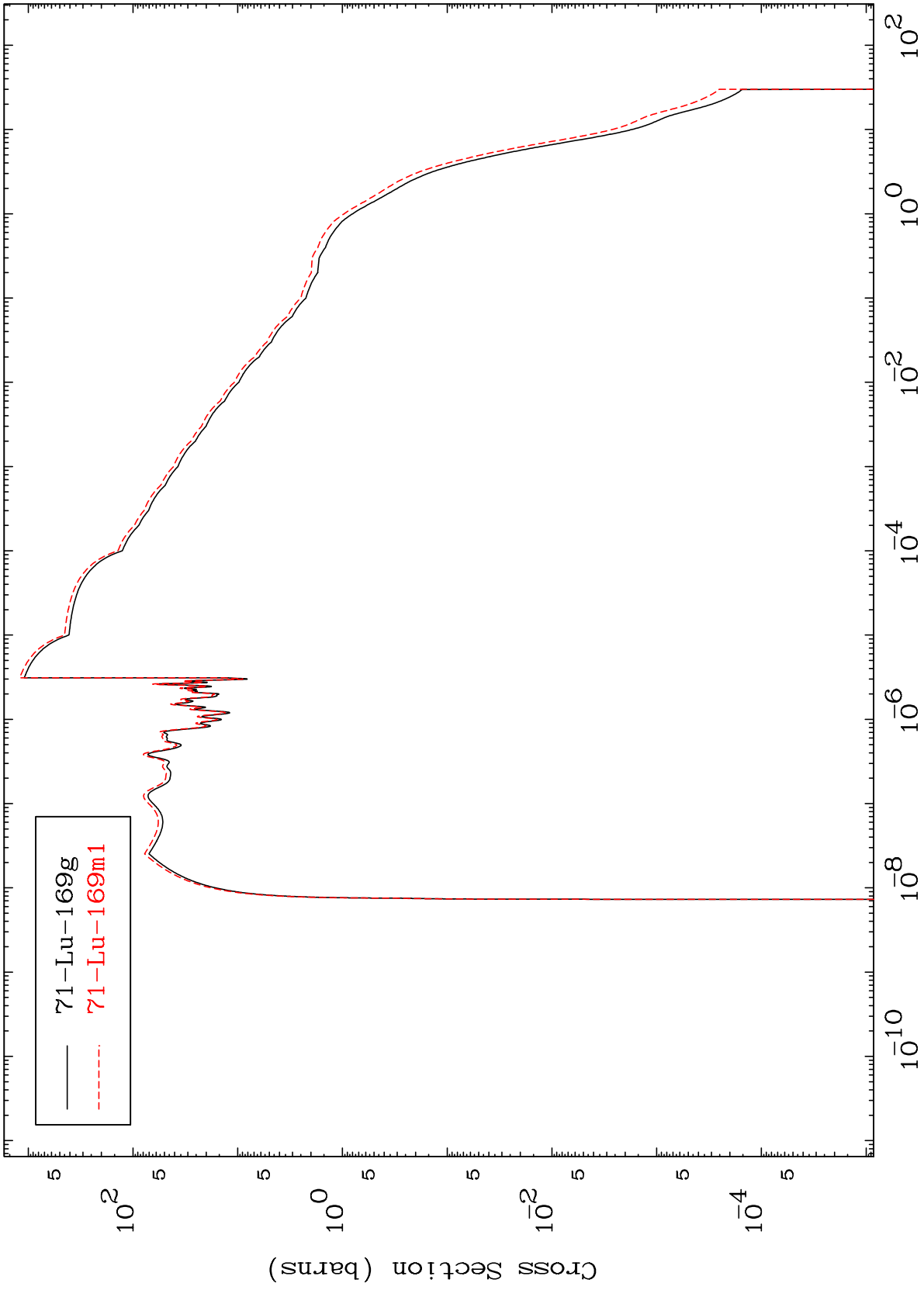
Incident Energy (MeV)

71-Lu-168

MAT 7104

⁷¹Lu-168

Radionuclide Production Cross Section (n,γ)



128

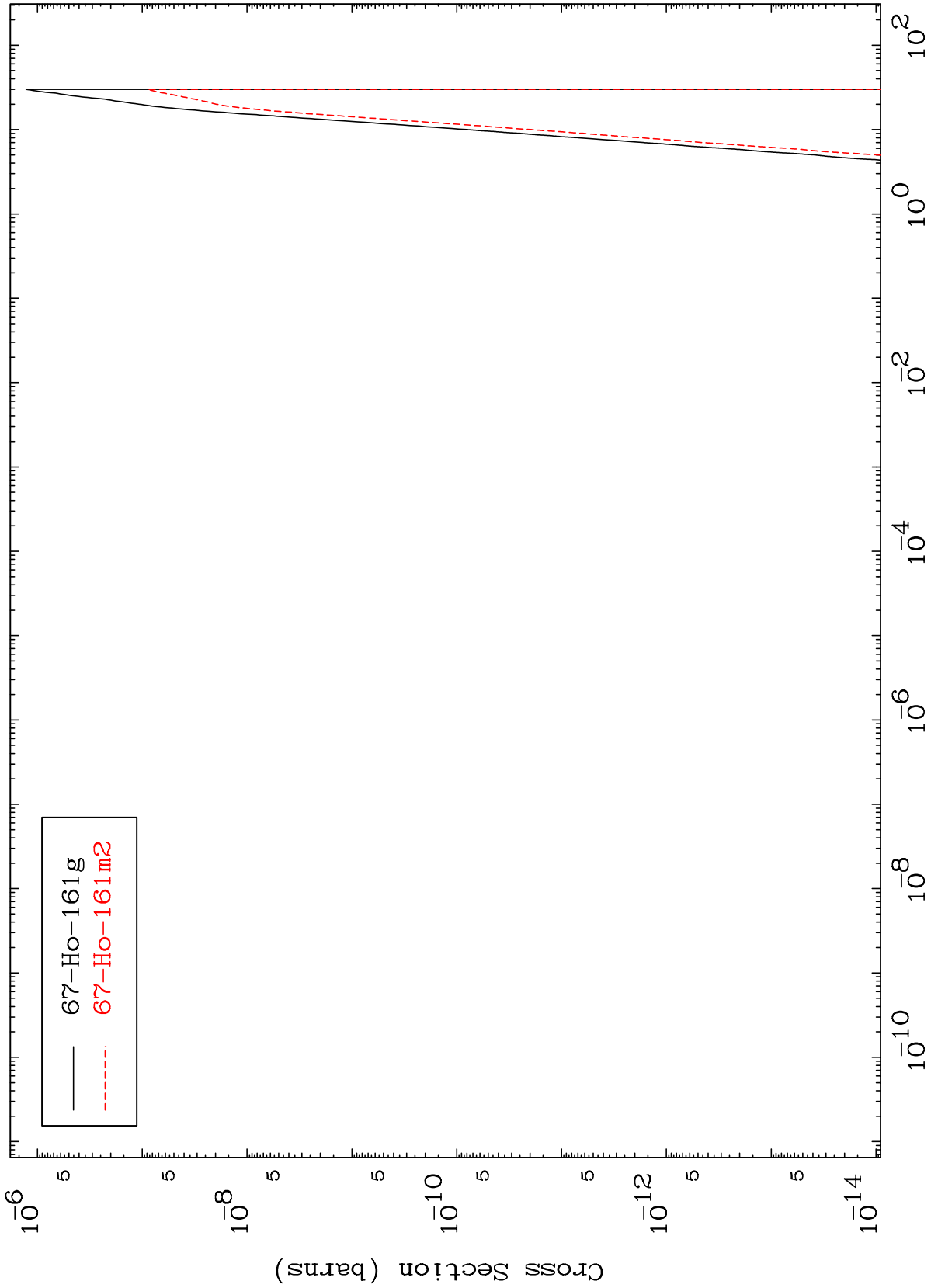
⁷¹Lu-168

MAT 7104

(n,2α)

71-Lu-168

Radionuclide Production Cross Section



129

Incident Energy (MeV)

71-Lu-168