

Program EVALPLOT
(Version 2018-1)

by

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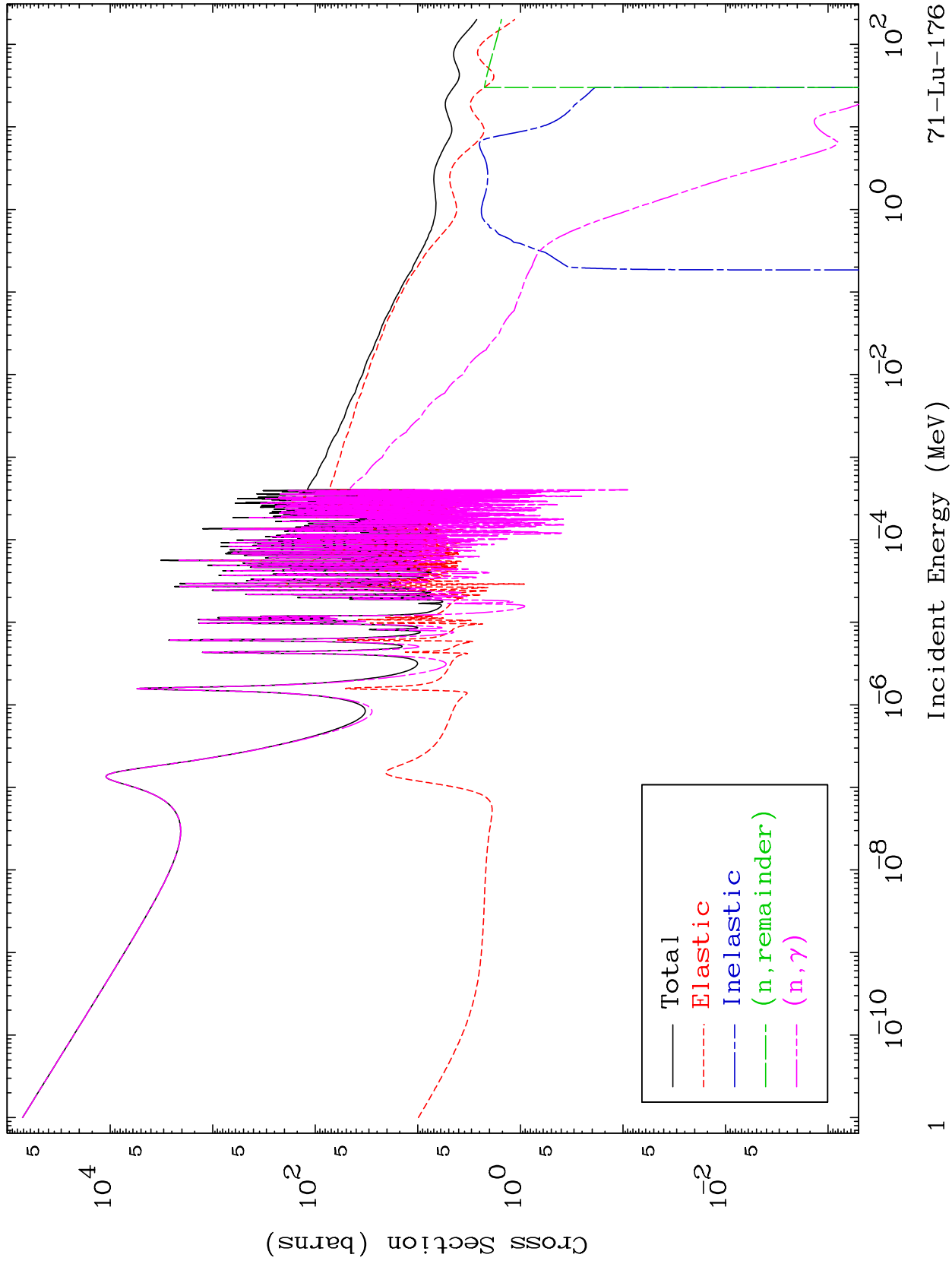
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7128

Major
293 Kelvin Cross Sections

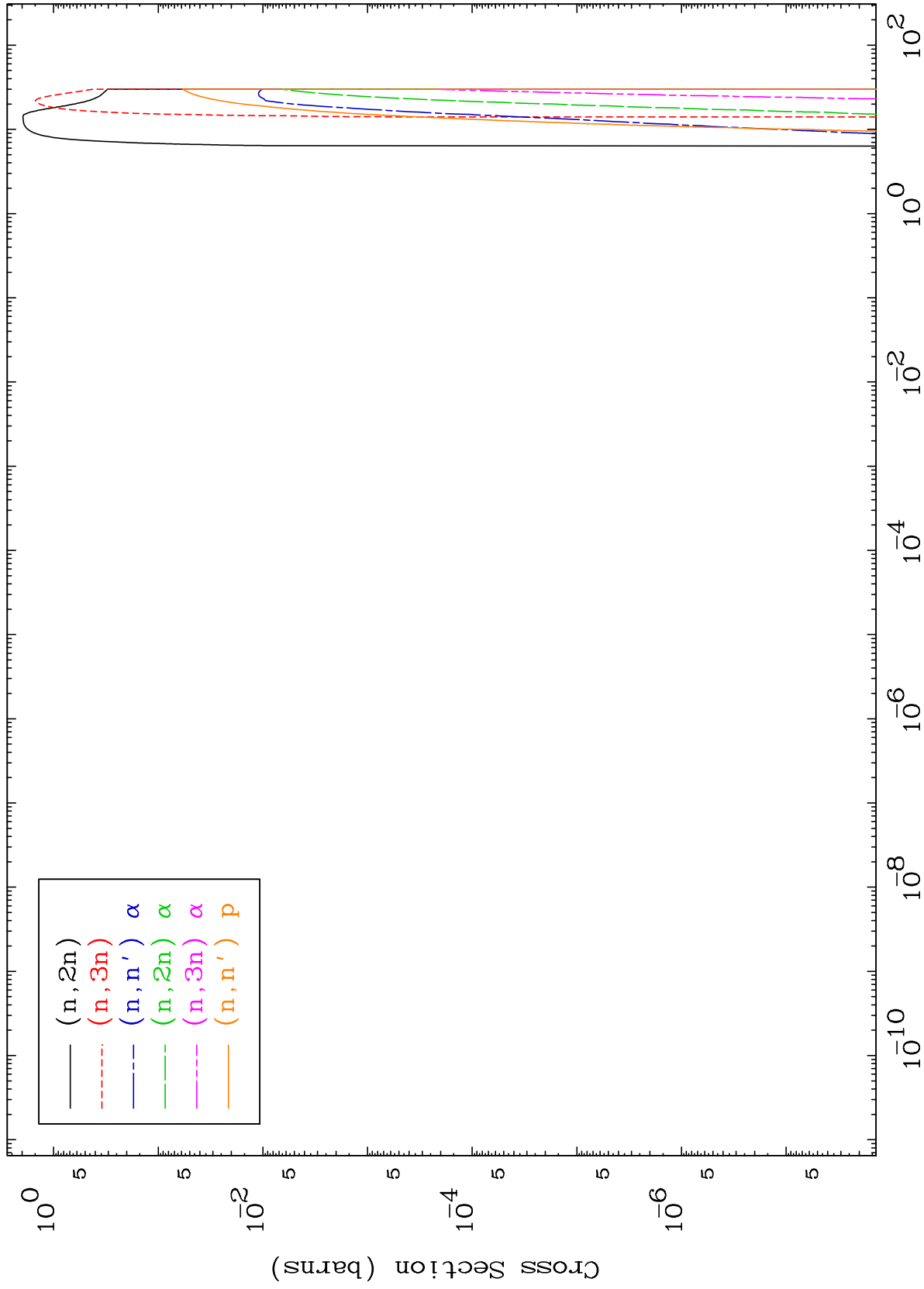
71-Lu-176



MAT 7128

Neutron Production
293 Kelvin Cross Sections

71-Lu-176

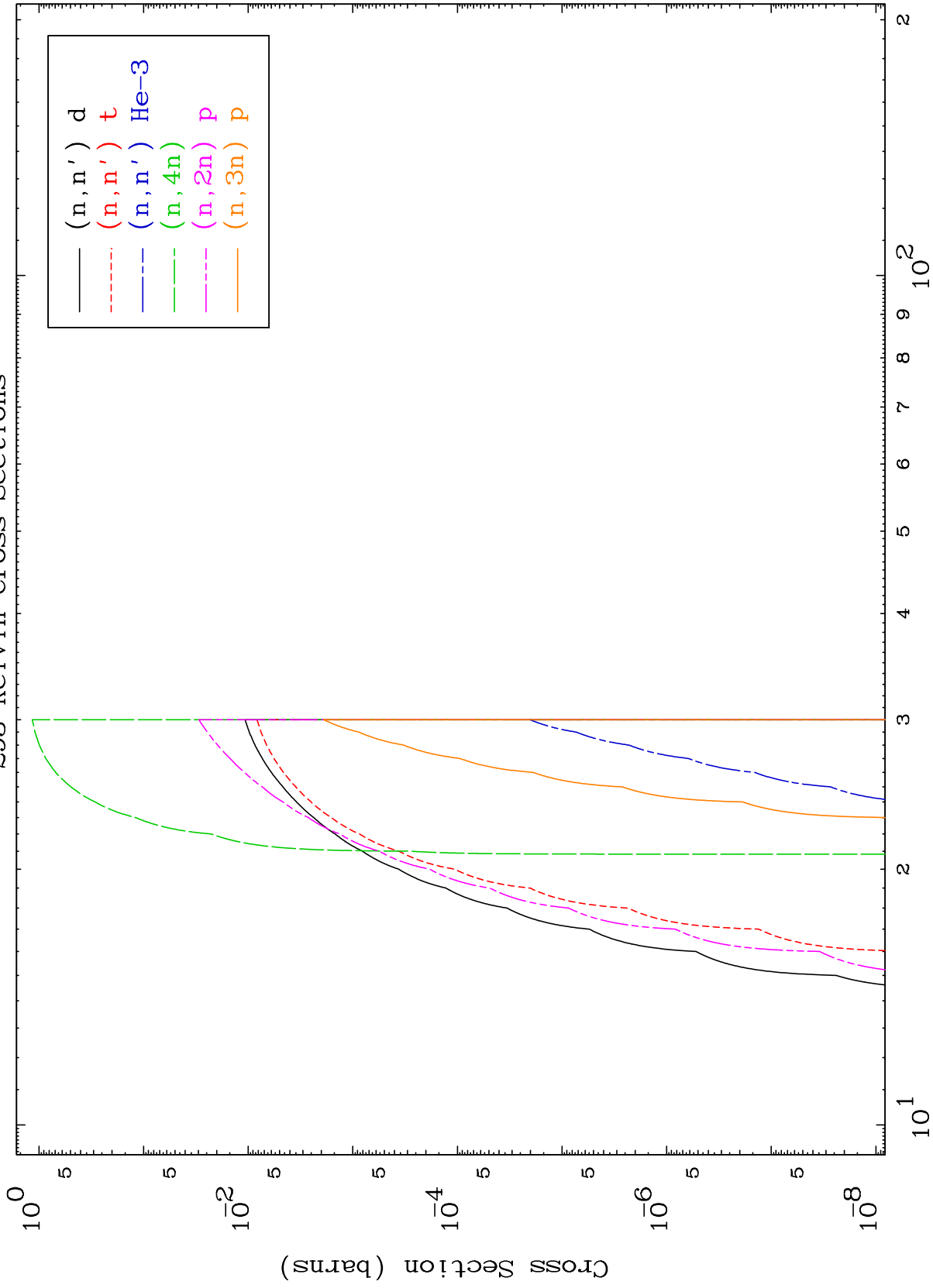


71-Lu-176

MAT 7128

Neutron Production
293 Kelvin Cross Sections

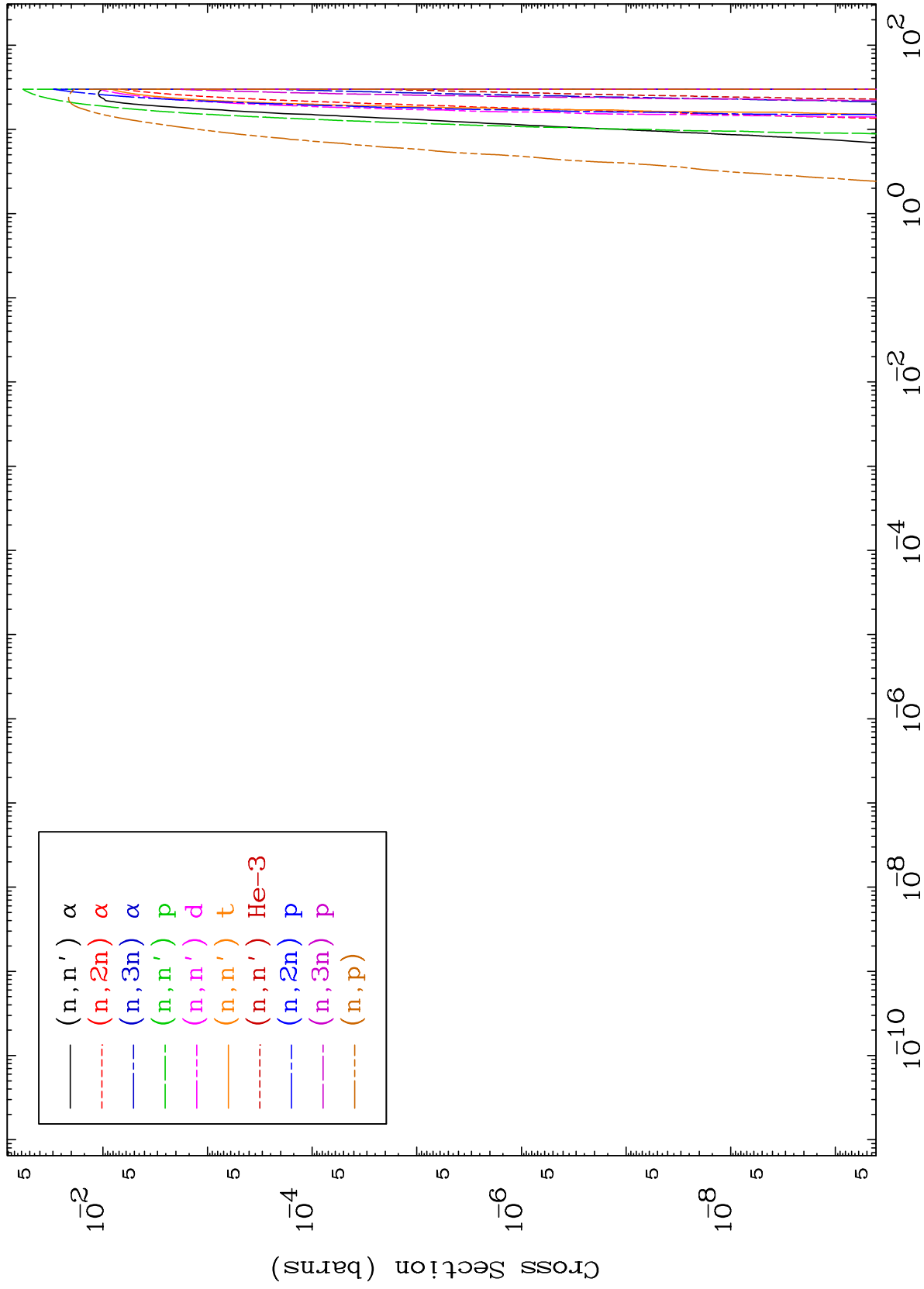
71-Lu-176



71-Lu-176

Incident Energy (MeV)

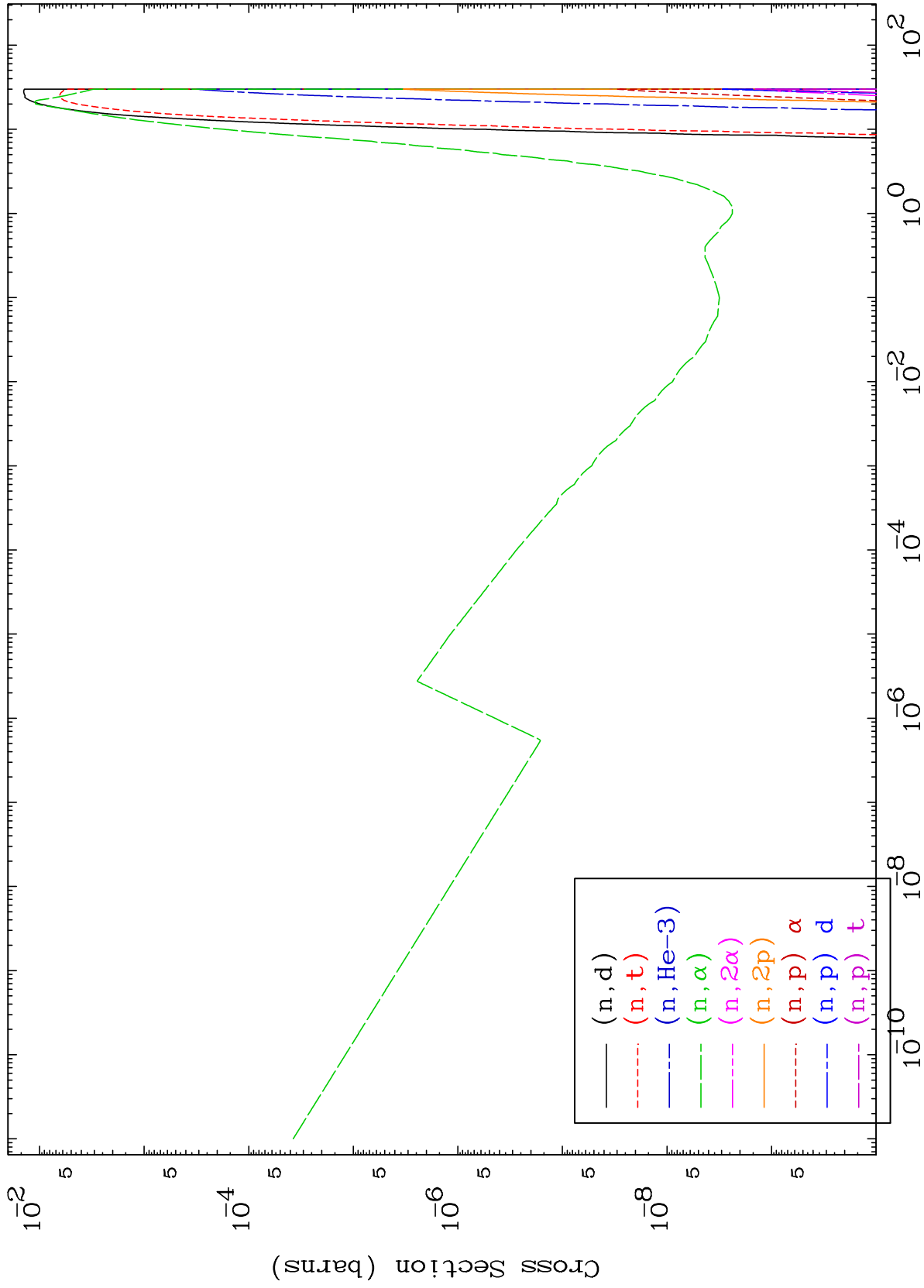
3



MAT 7128

293 Kelvin Cross Sections

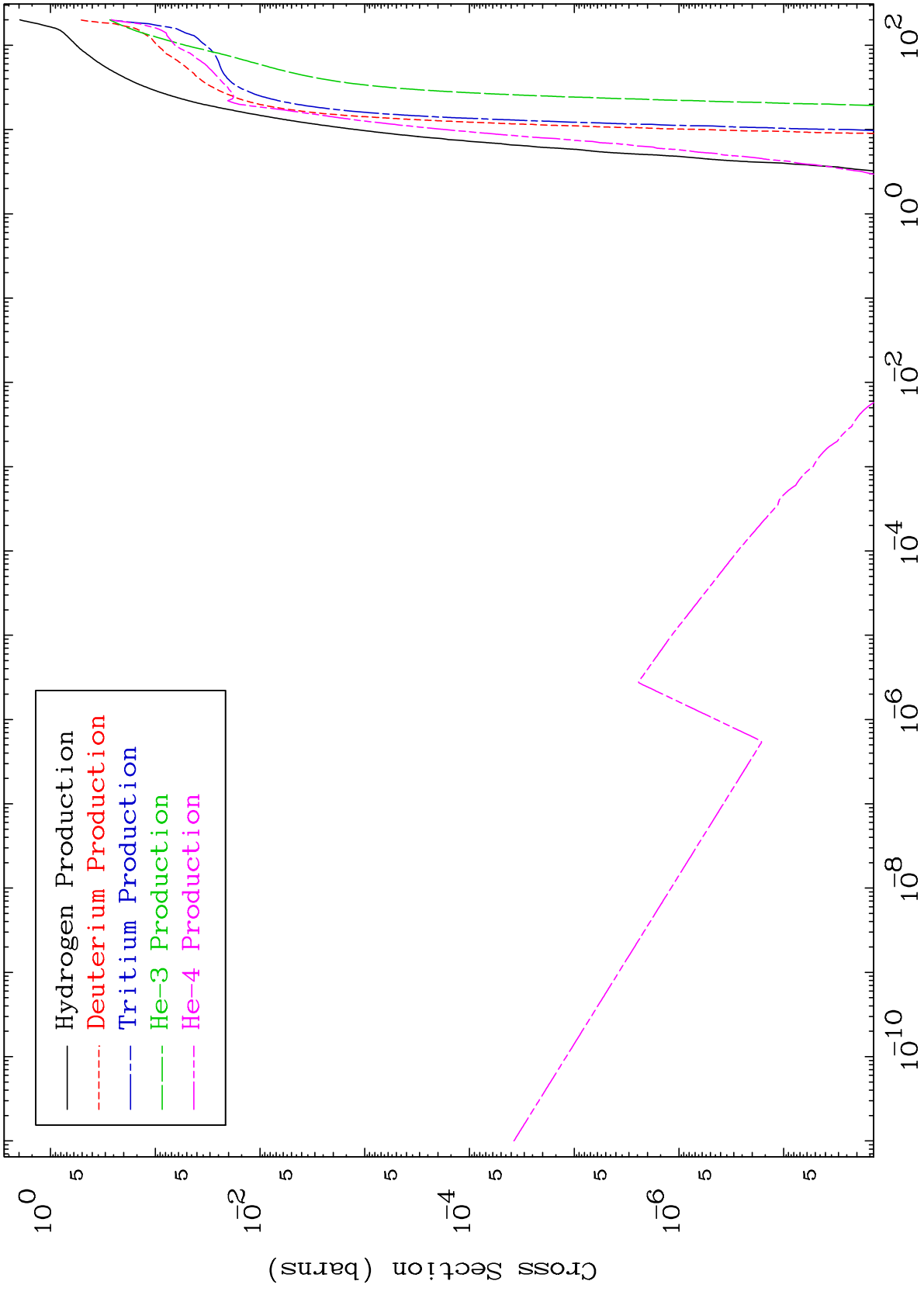
71-Lu-176



MAT 7128

Particle Production
293 Kelvin Cross Sections

71-Lu-176

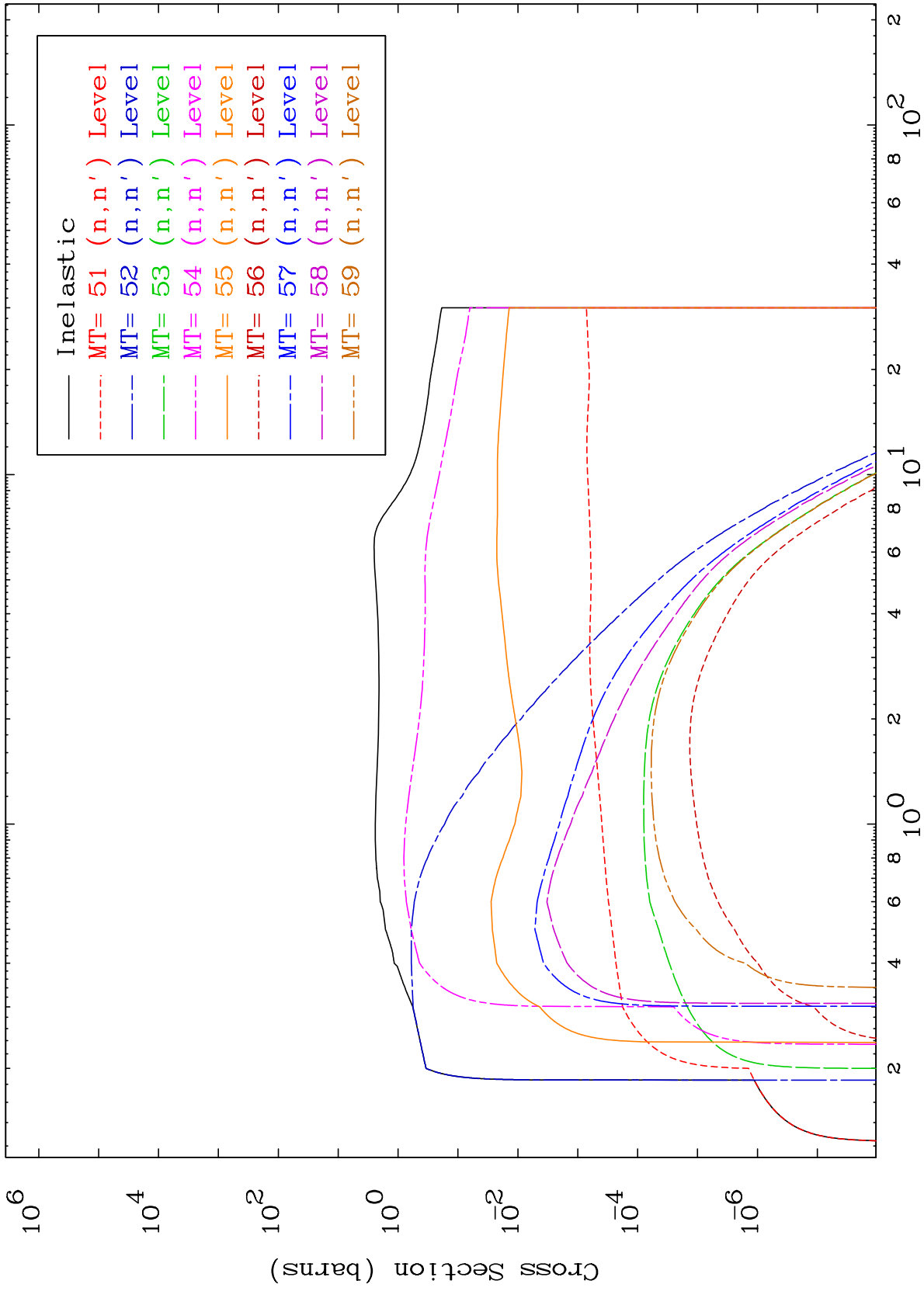


71-Lu-176

MAT 7128

(n,n') Level
293 Kelvin Cross Sections

71-Lu-176



7

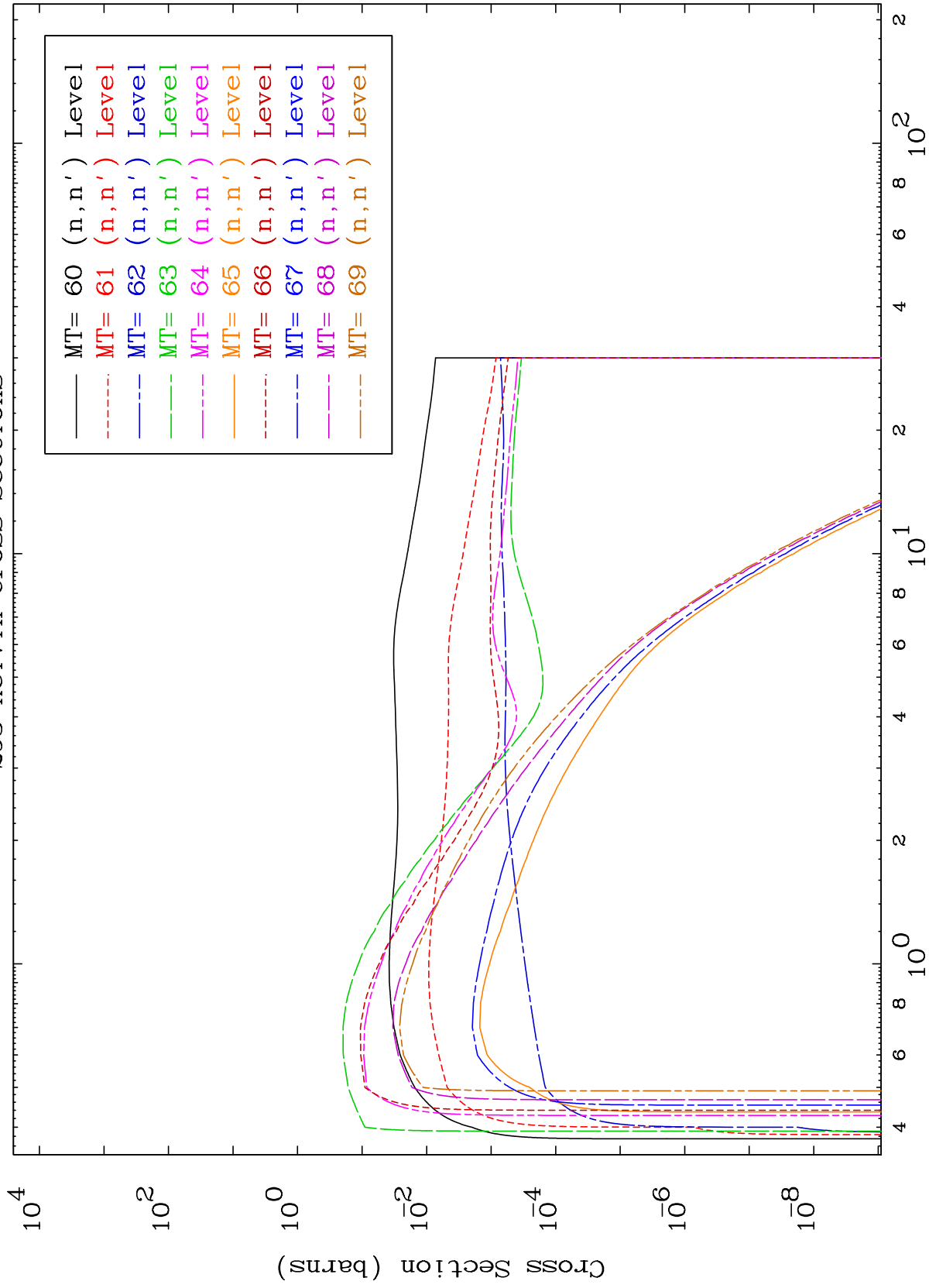
Incident Energy (MeV)

71-Lu-176

MAT 7128

(n,n') Level
293 Kelvin Cross Sections

71-Lu-176



8

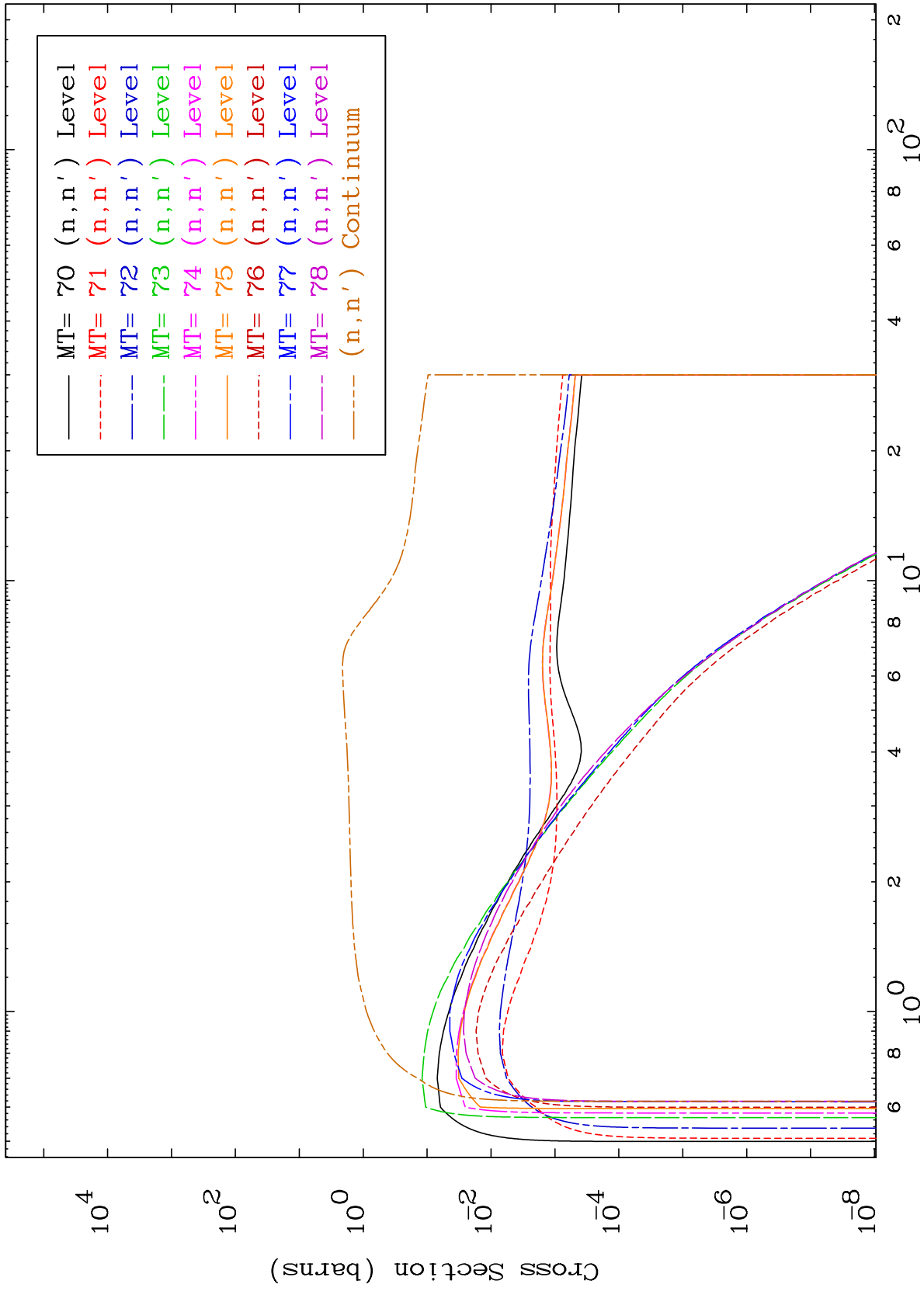
Incident Energy (MeV)

71-Lu-176

MAT 7128

(n,n') Level
293 Kelvin Cross Sections

71-Lu-176



9

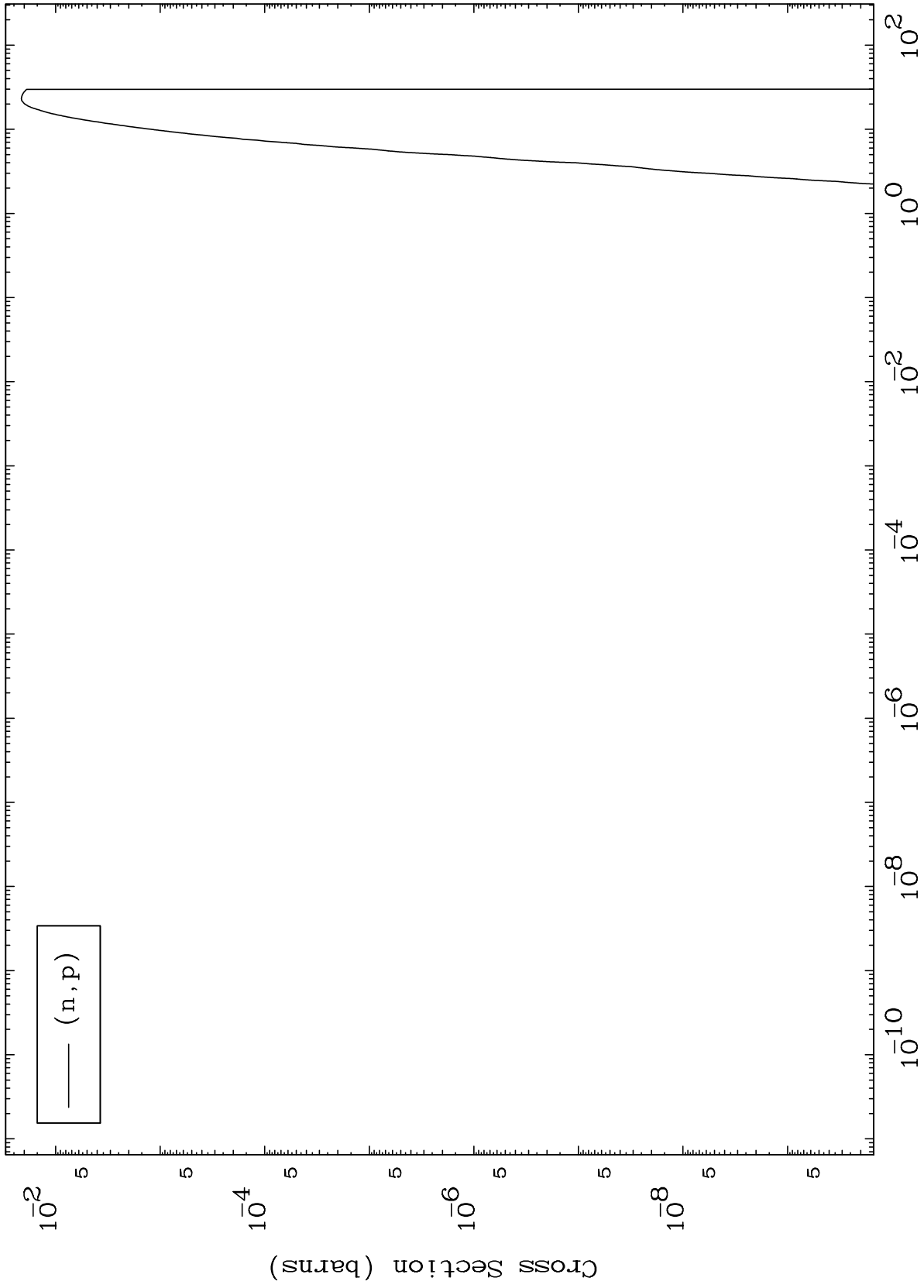
Incident Energy (MeV)

71-Lu-176

MAT 7128

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-176



10

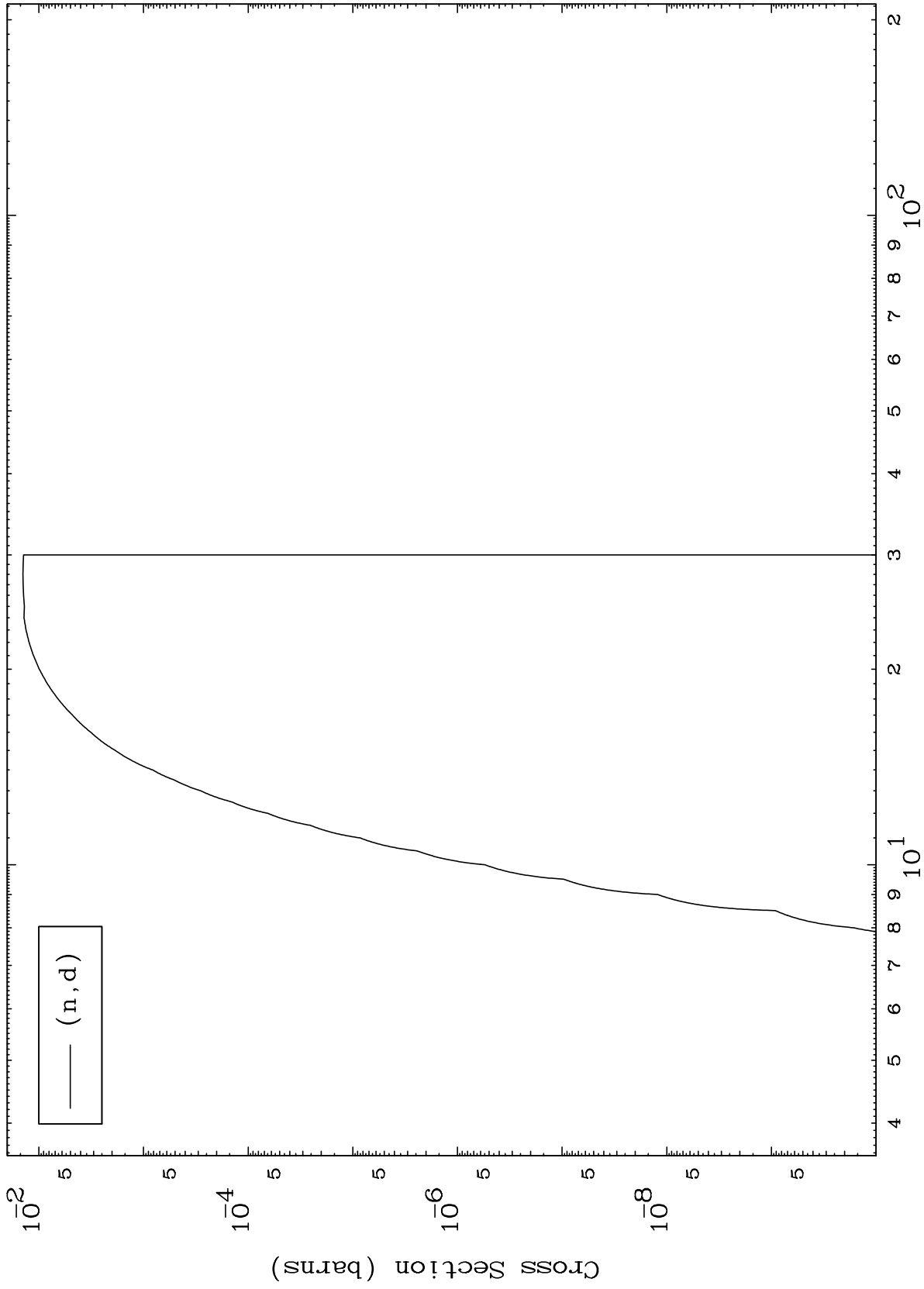
Incident Energy (MeV)

71-Lu-176

MAT 7128

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-176



11

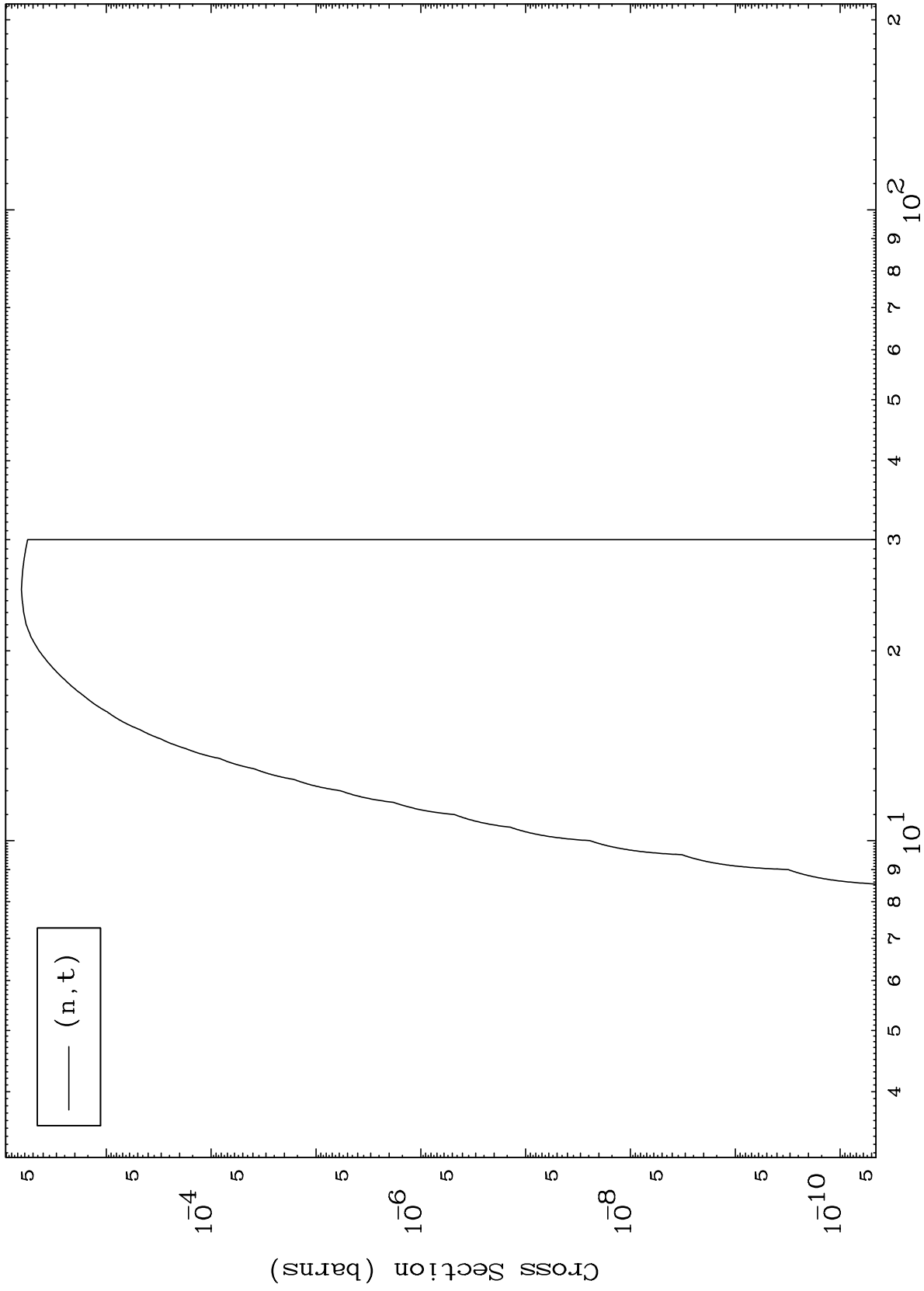
Incident Energy (MeV)

71-Lu-176

MAT 7128

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-176



12

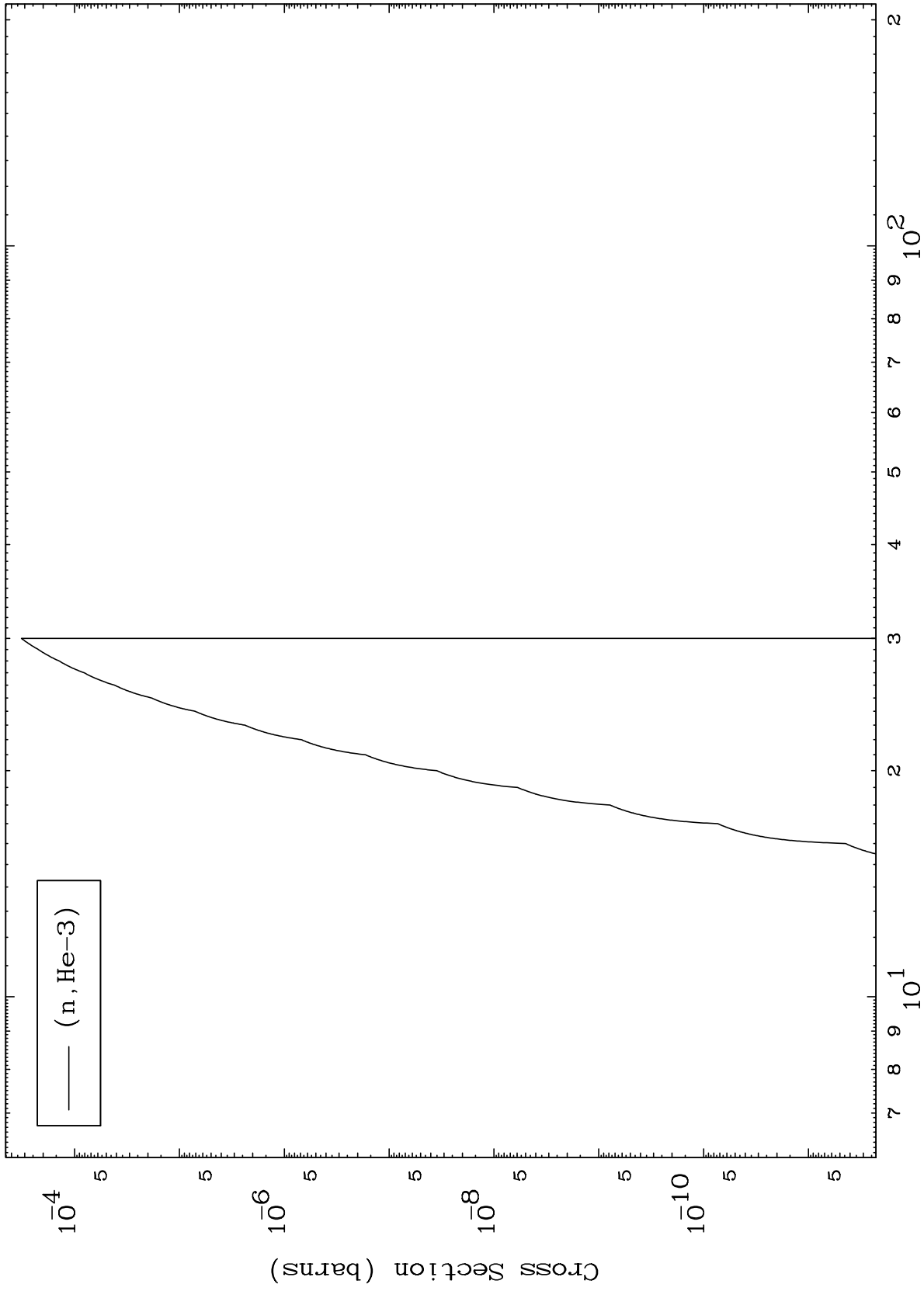
Incident Energy (MeV)

71-Lu-176

MAT 7128

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-176



13

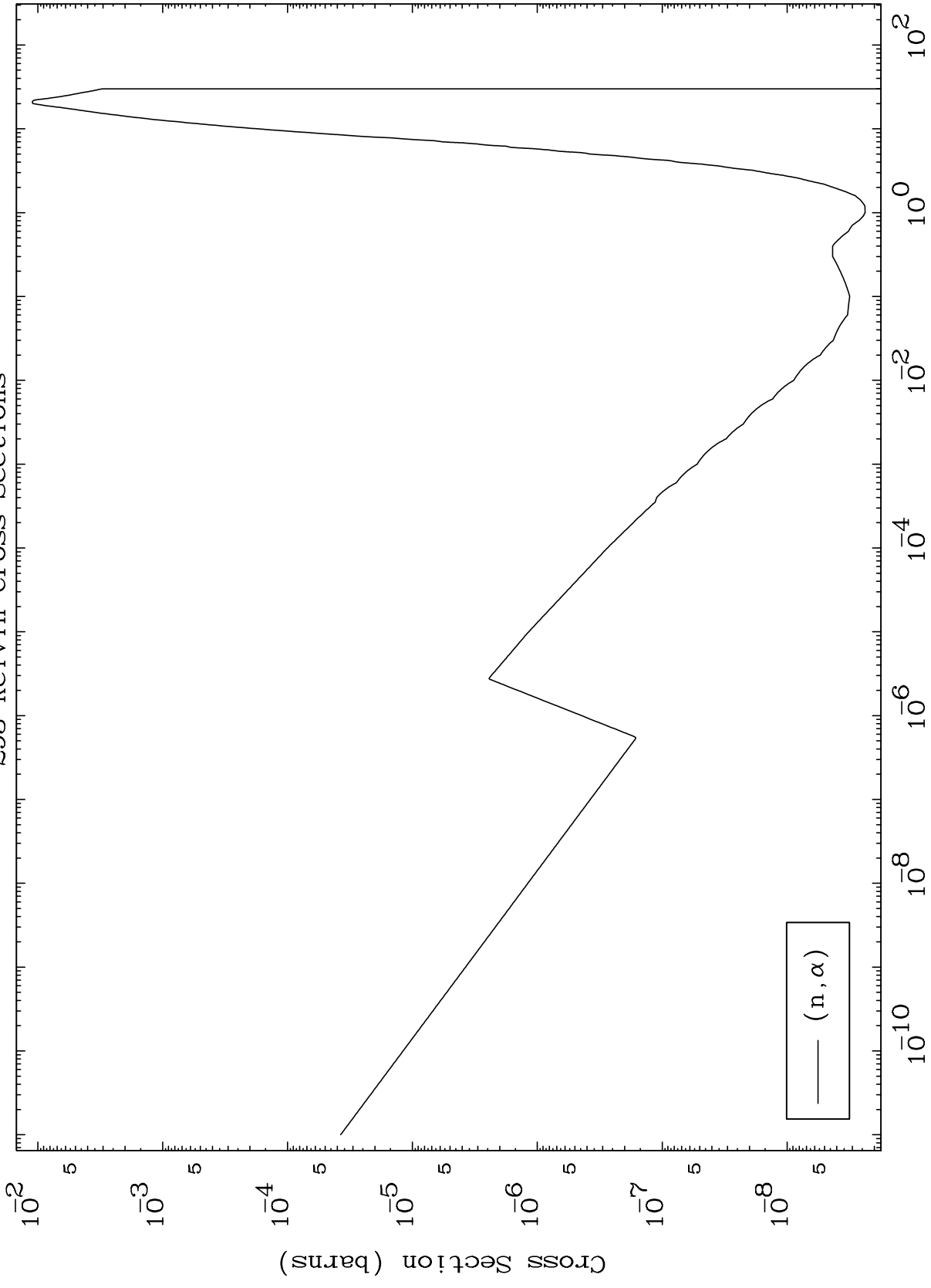
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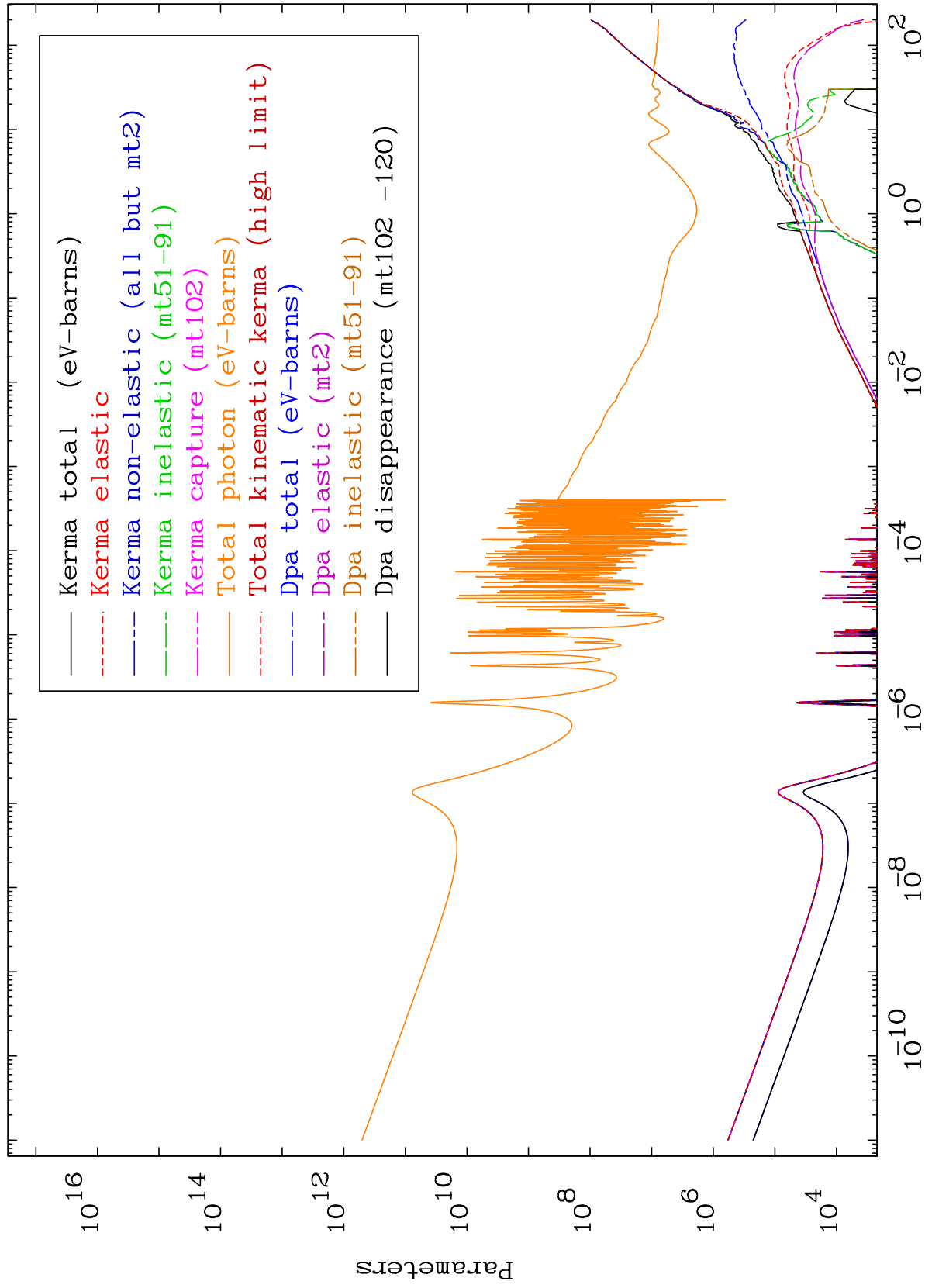
71-Lu-176

MAT 7128

(n,α) Levels
293 Kelvin Cross Sections

71-Lu-176

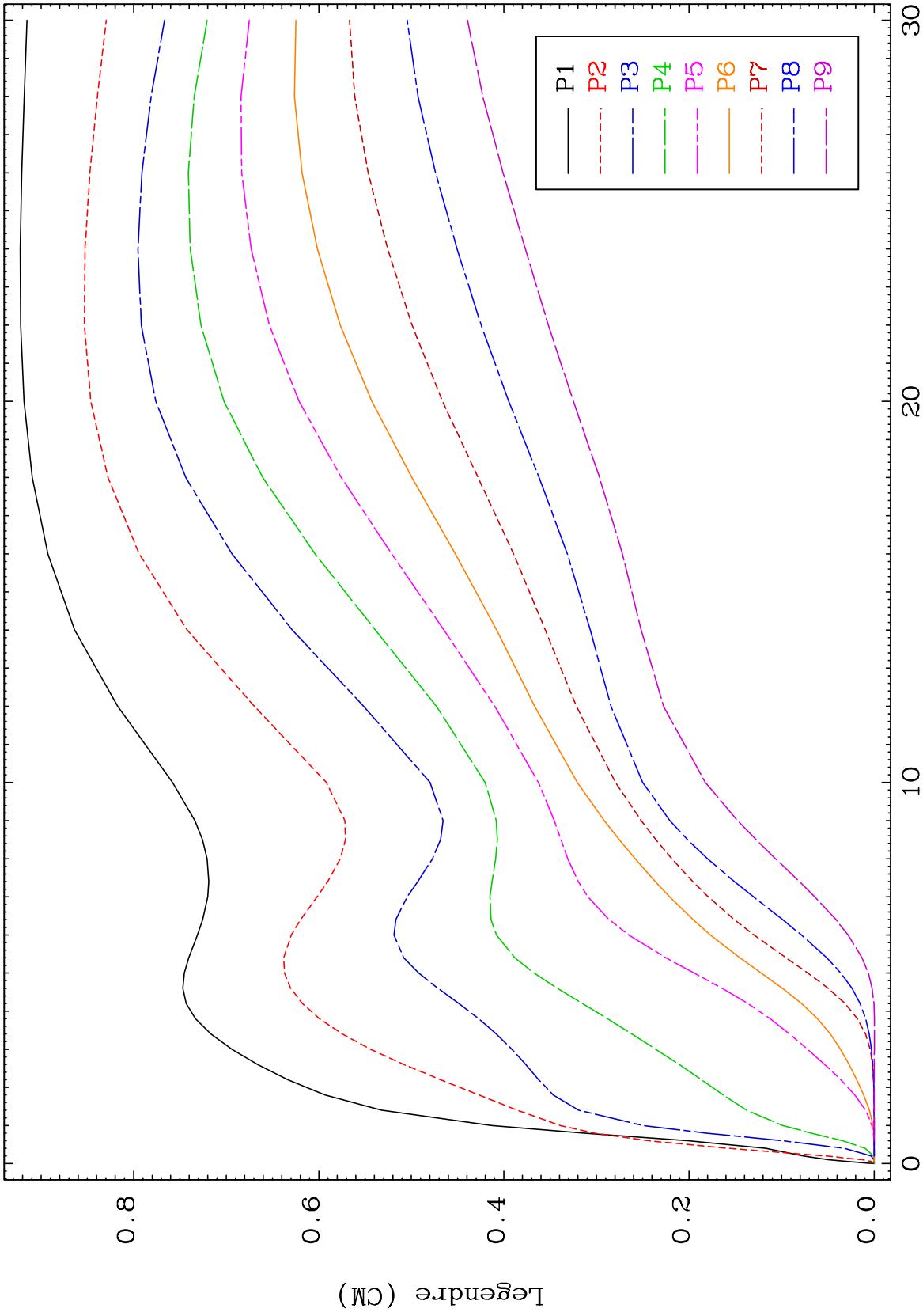




MAT 7128

Elastic Legendre Coefficients

71-Lu-176



16

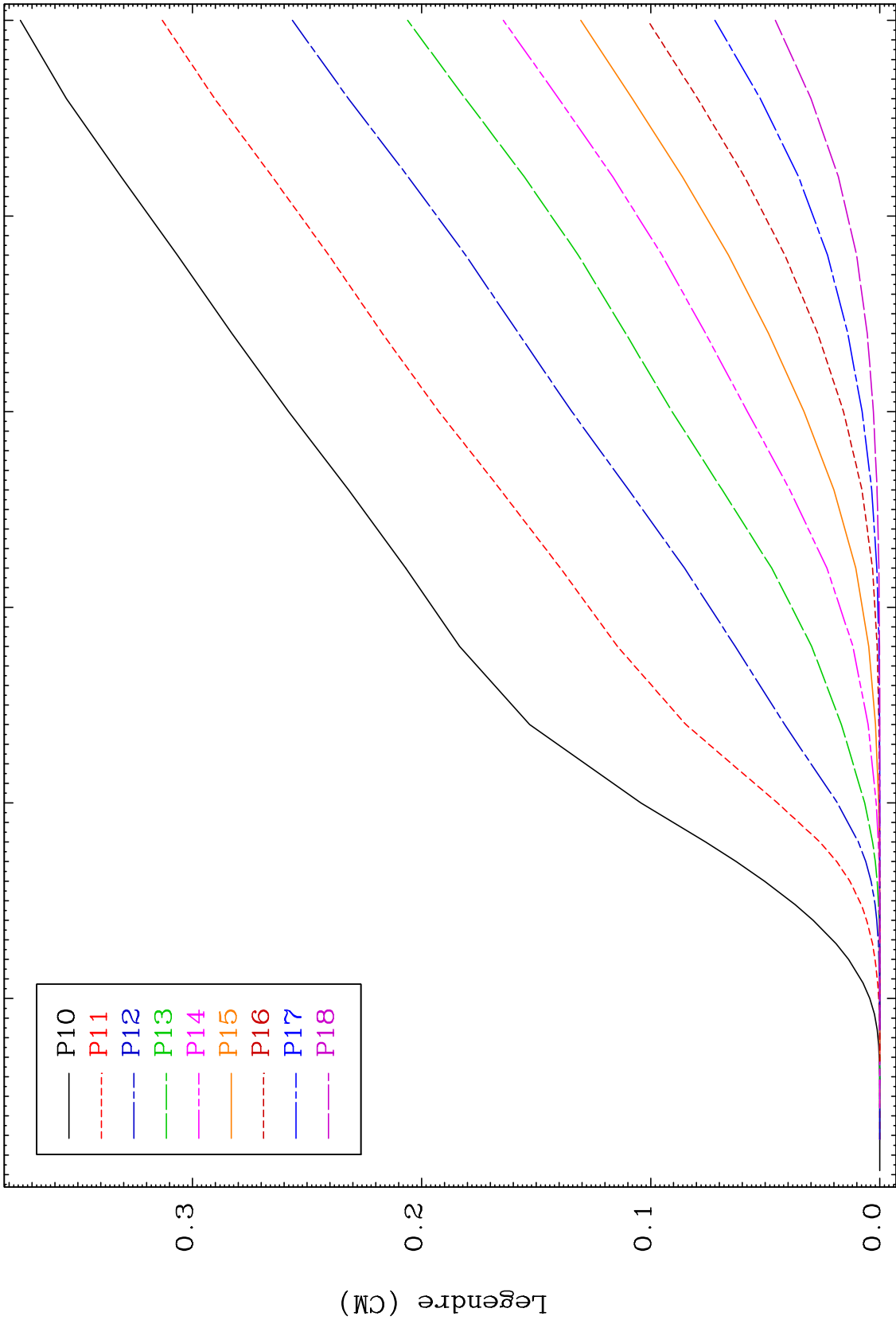
Incident Energy (MeV)

71-Lu-176

MAT 7128

Elastic Legendre Coefficients

71-Lu-176



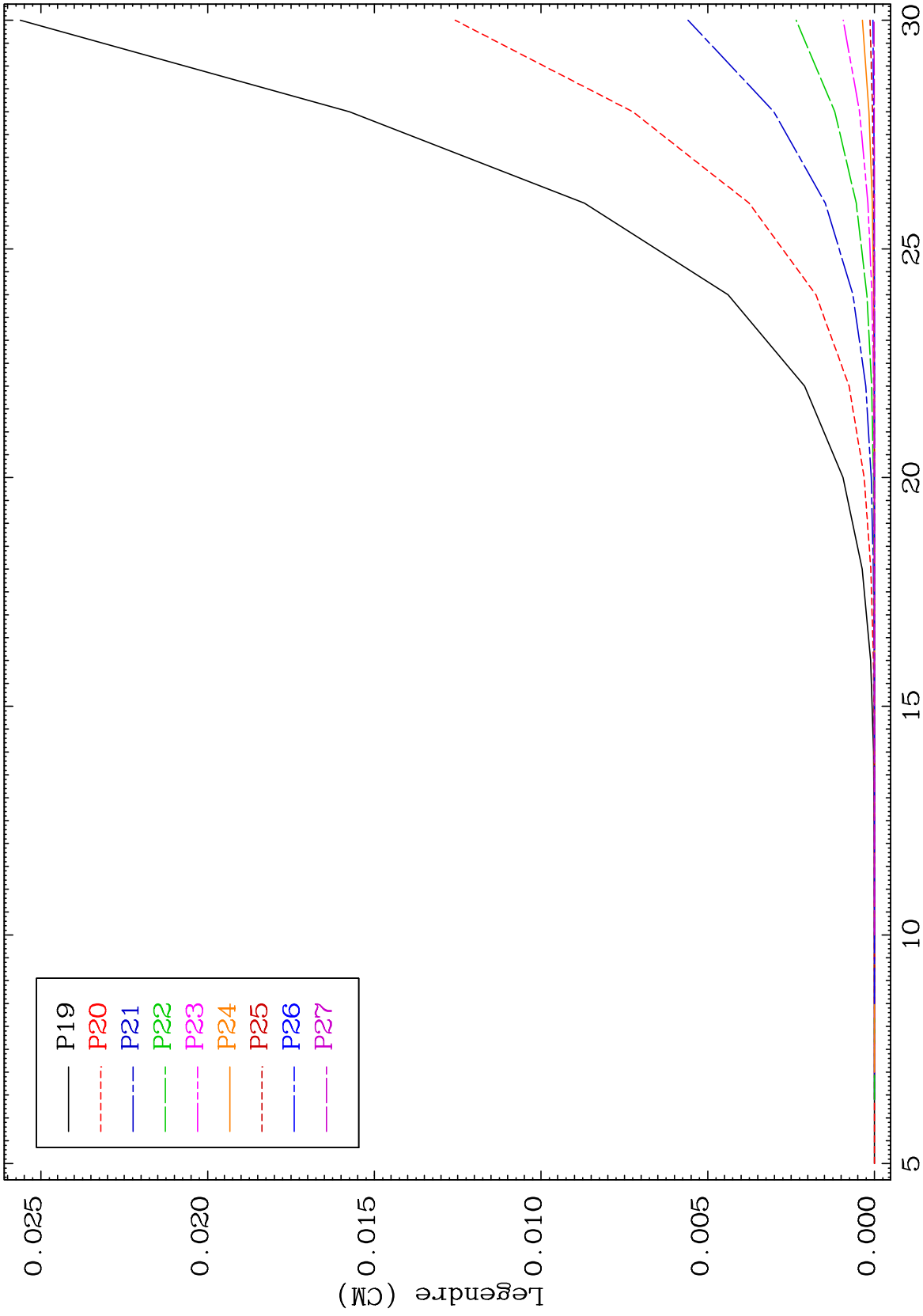
17

71-Lu-176

MAT 7128

Elastic Legendre Coefficients

71-Lu-176



18

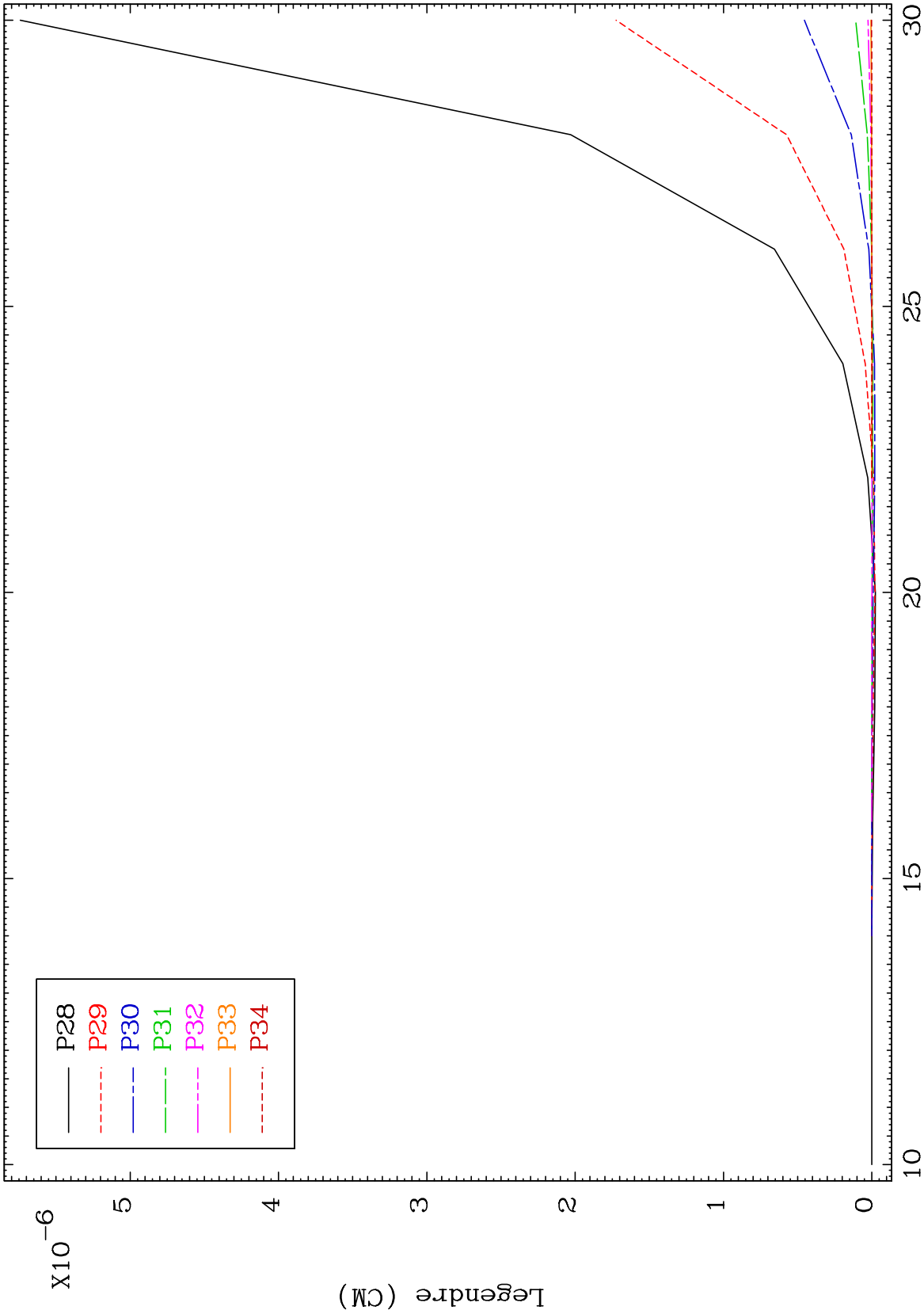
Incident Energy (MeV)

71-Lu-176

MAT 7128

Elastic Legendre Coefficients

71-Lu-176



19

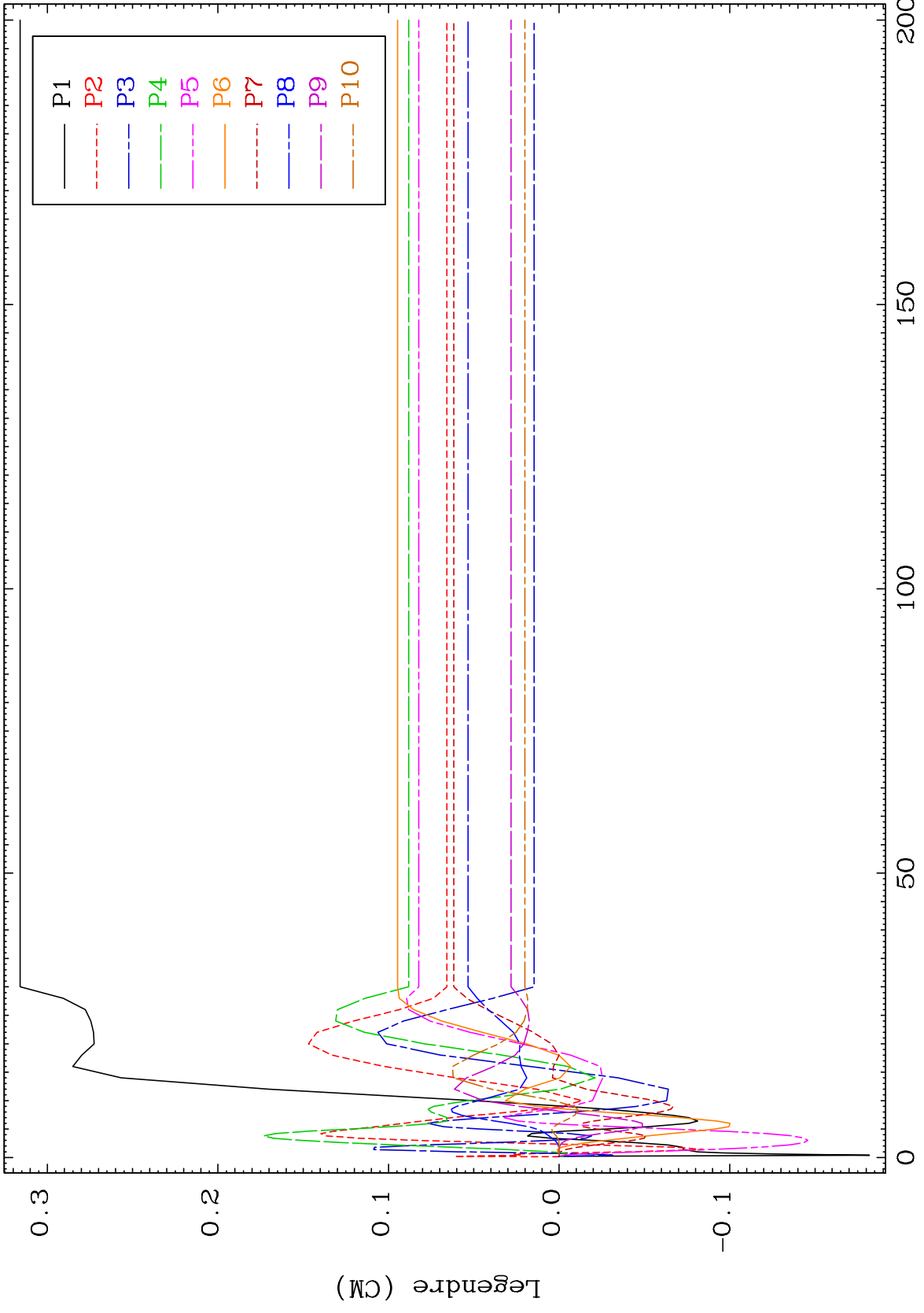
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



71-Lu-176

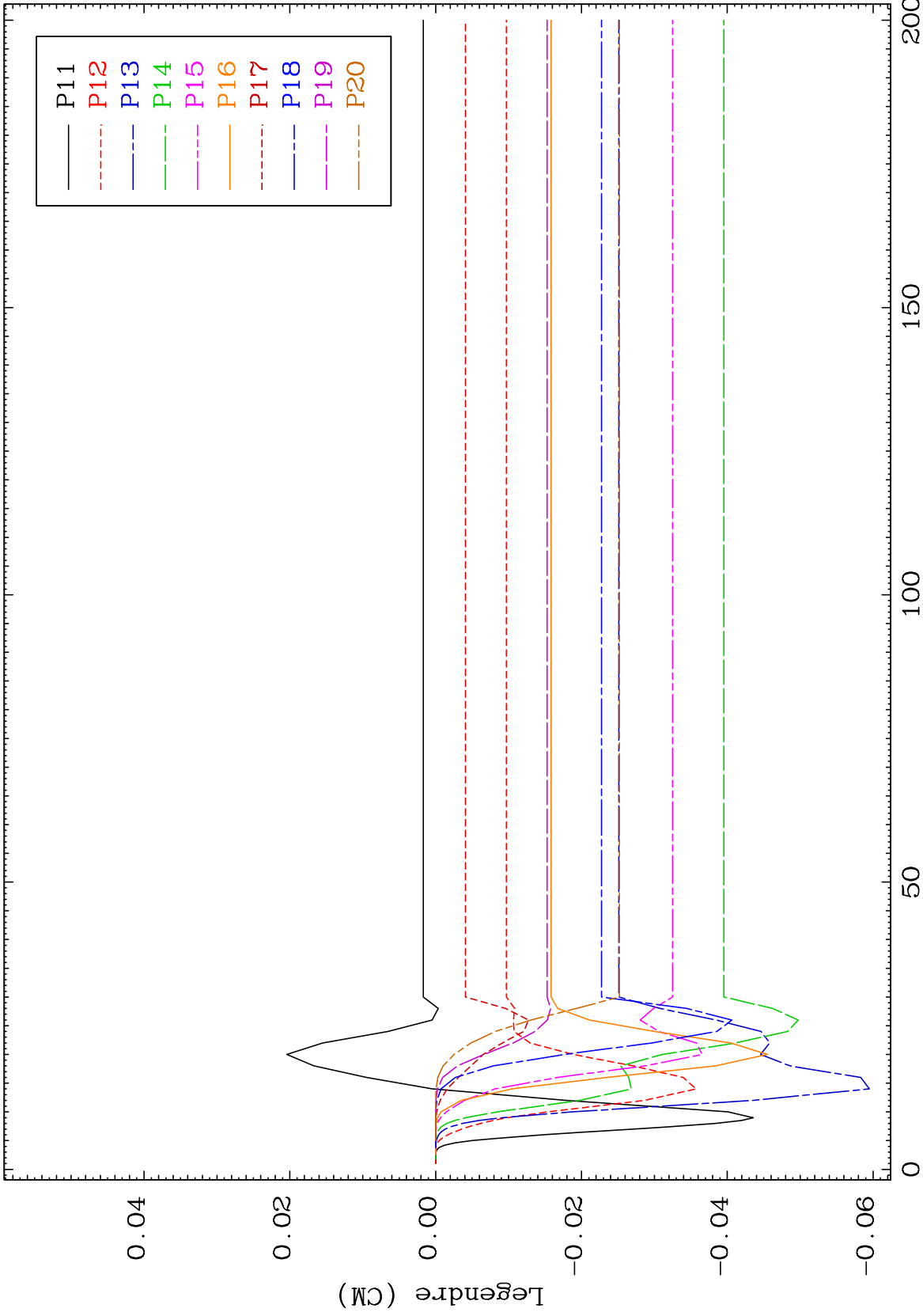
Incident Energy (MeV)

20

MAT 7128

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

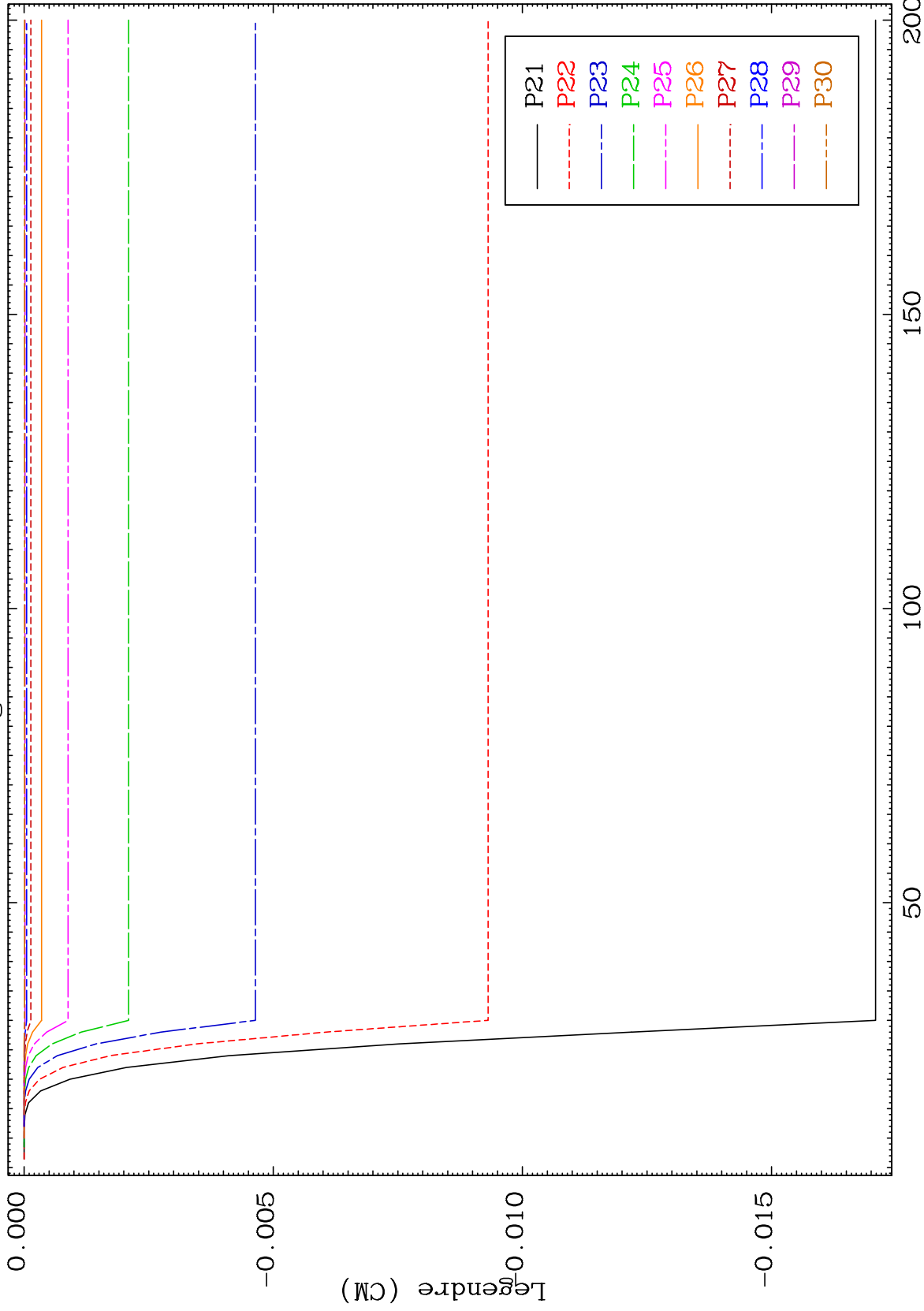
71-Lu-176



21

Incident Energy (MeV)

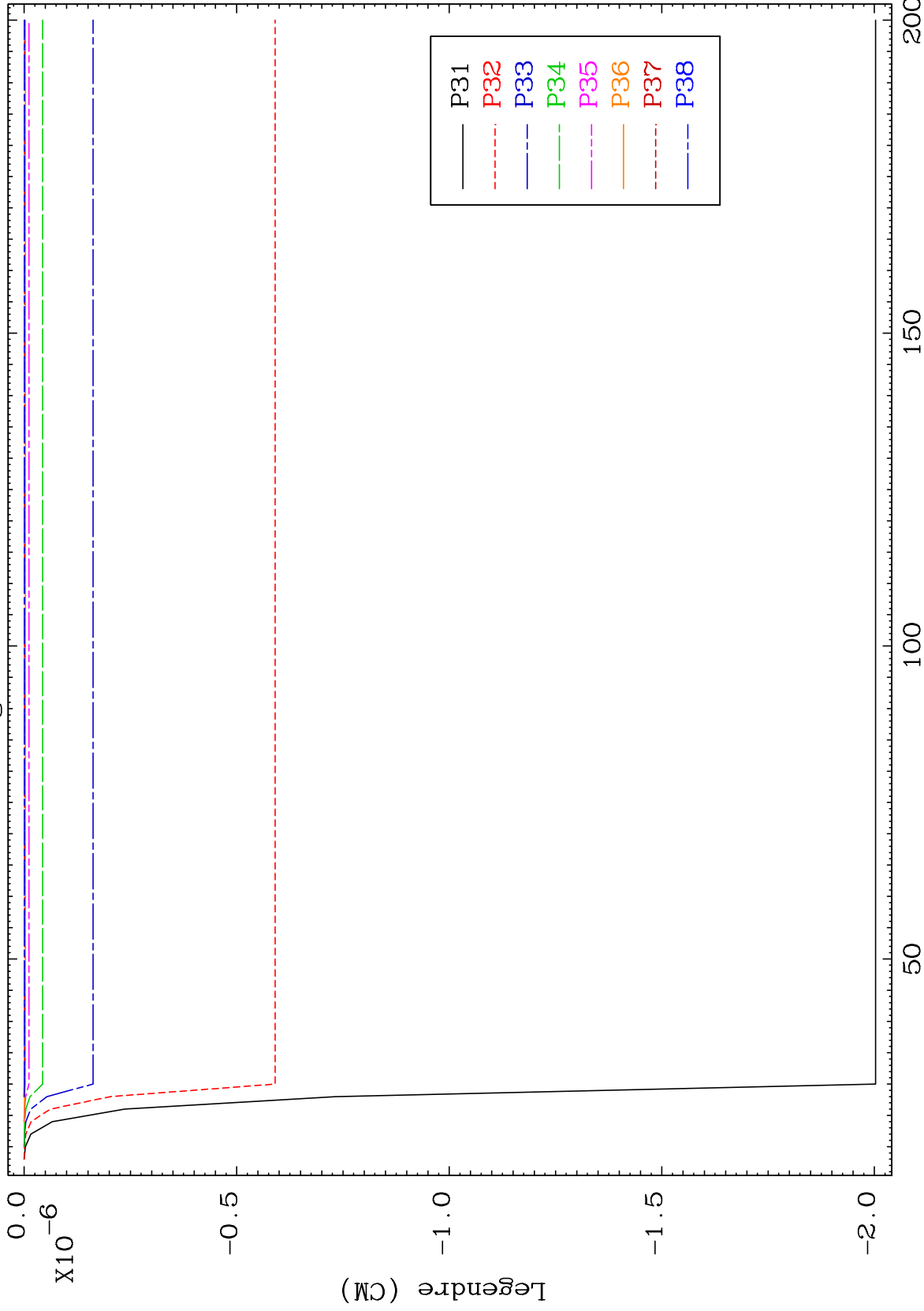
71-Lu-176



MAT 7128

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

71-Lu-176



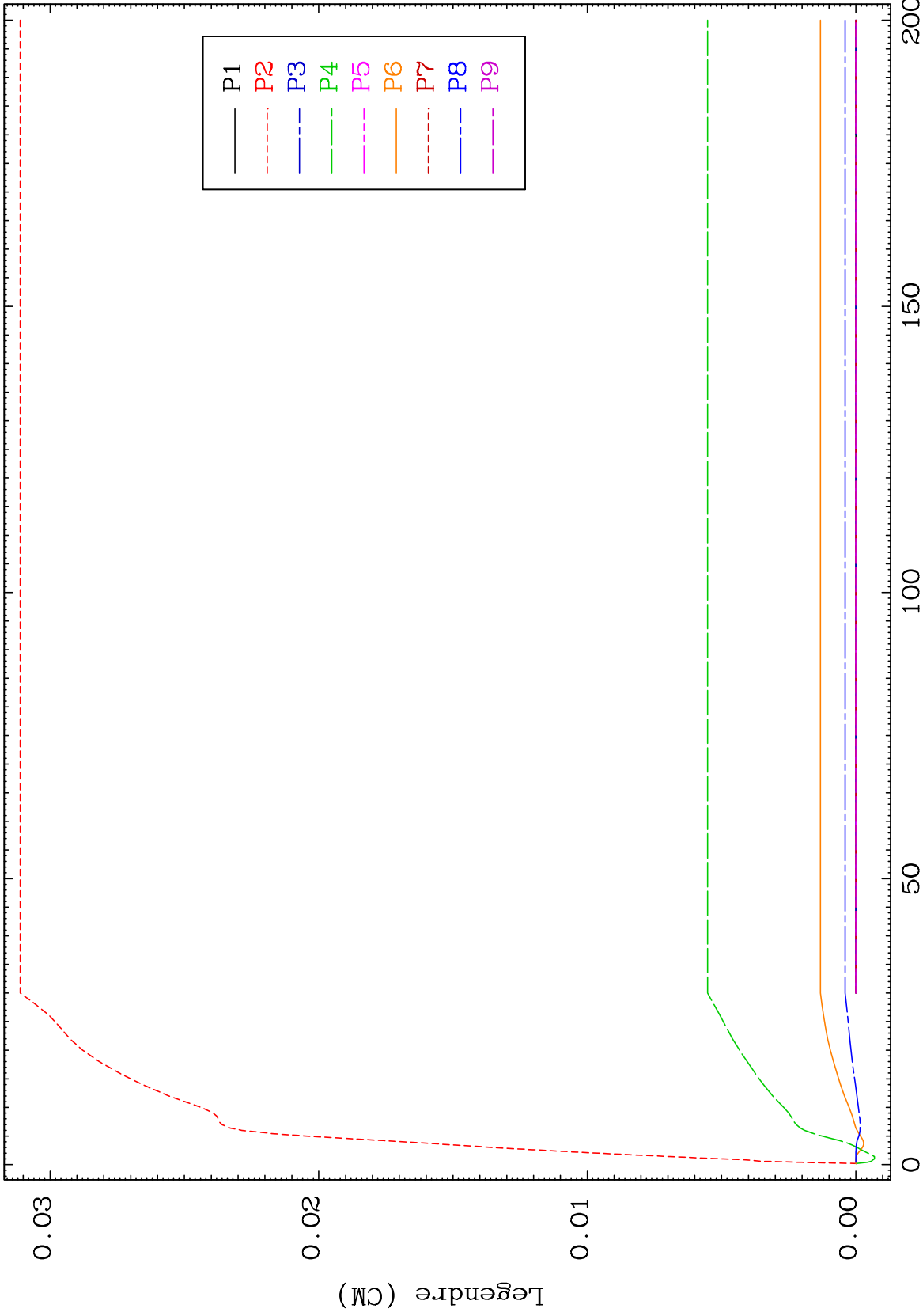
23

71-Lu-176

MAT 7128

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

71-Lu-176



24

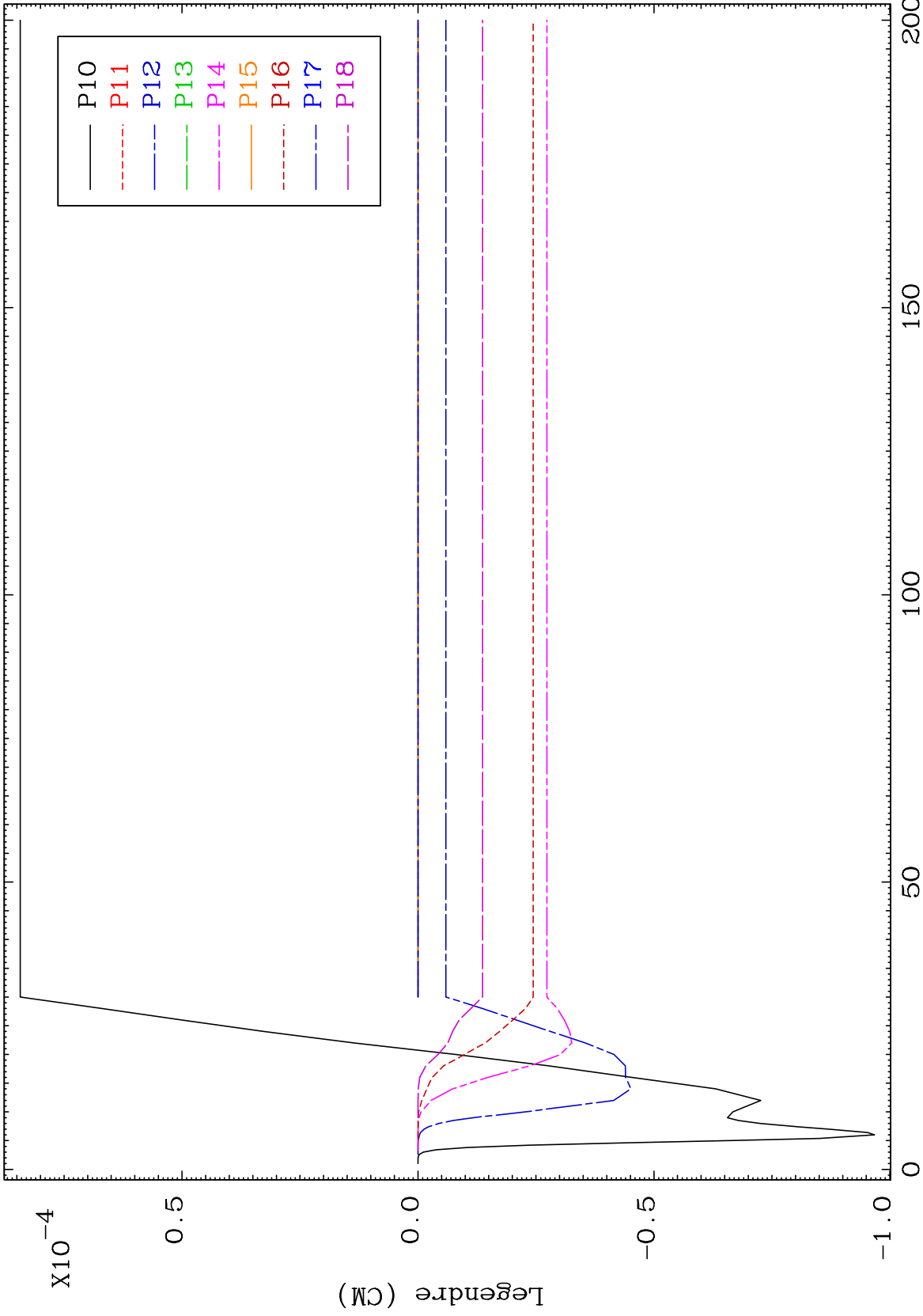
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



25

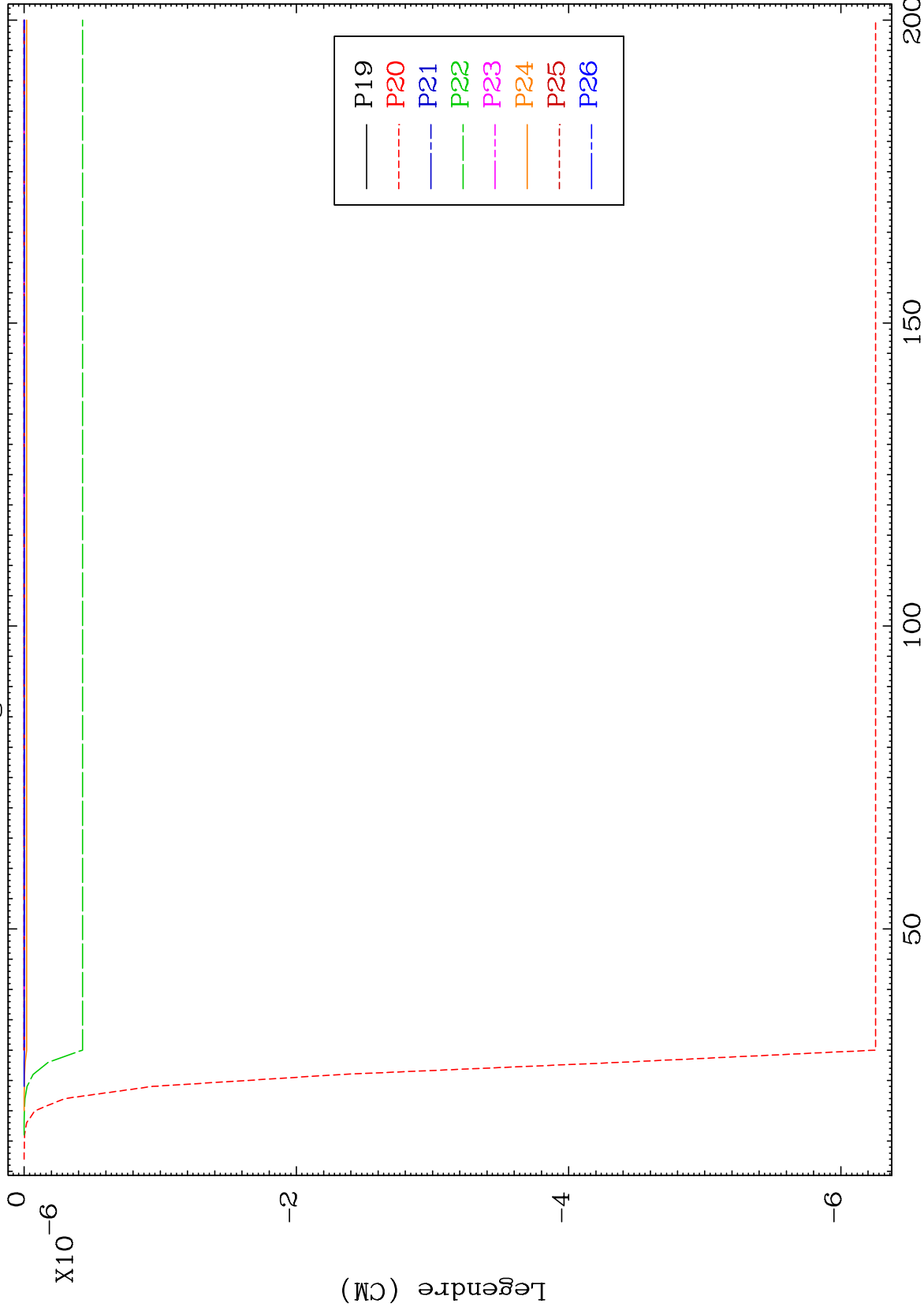
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



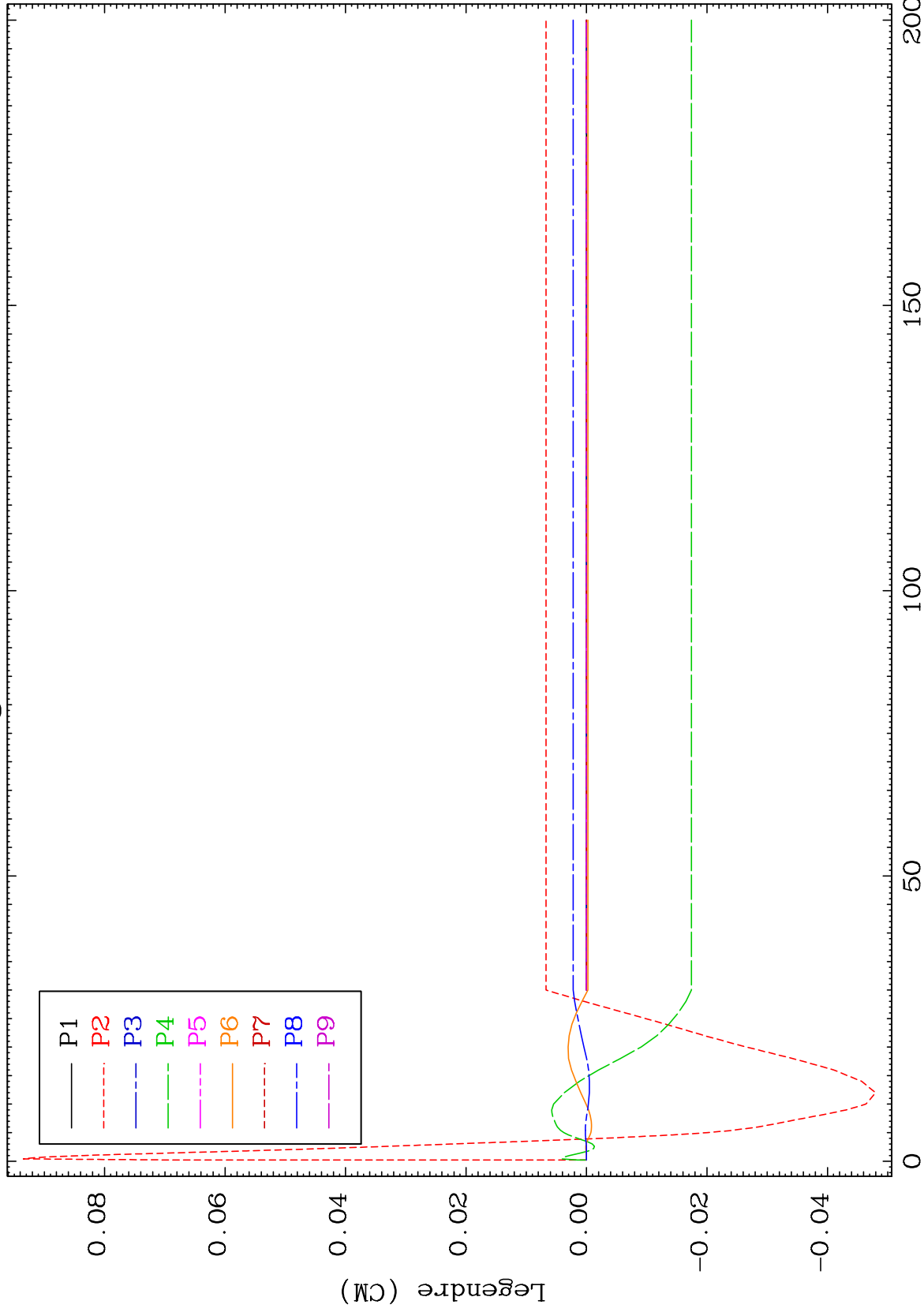
26

71-Lu-176

MAT 7128

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

71-Lu-176



27

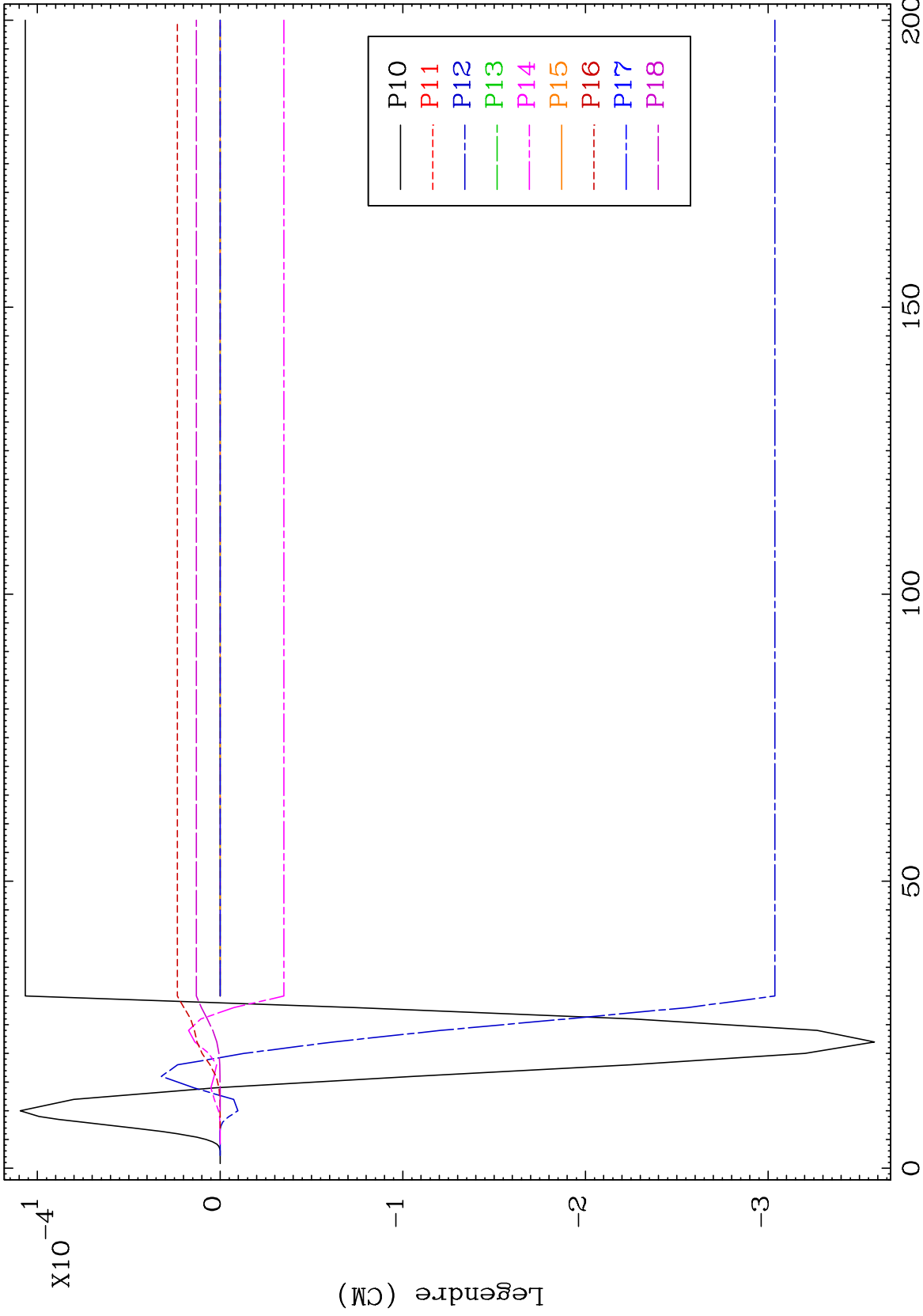
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



28

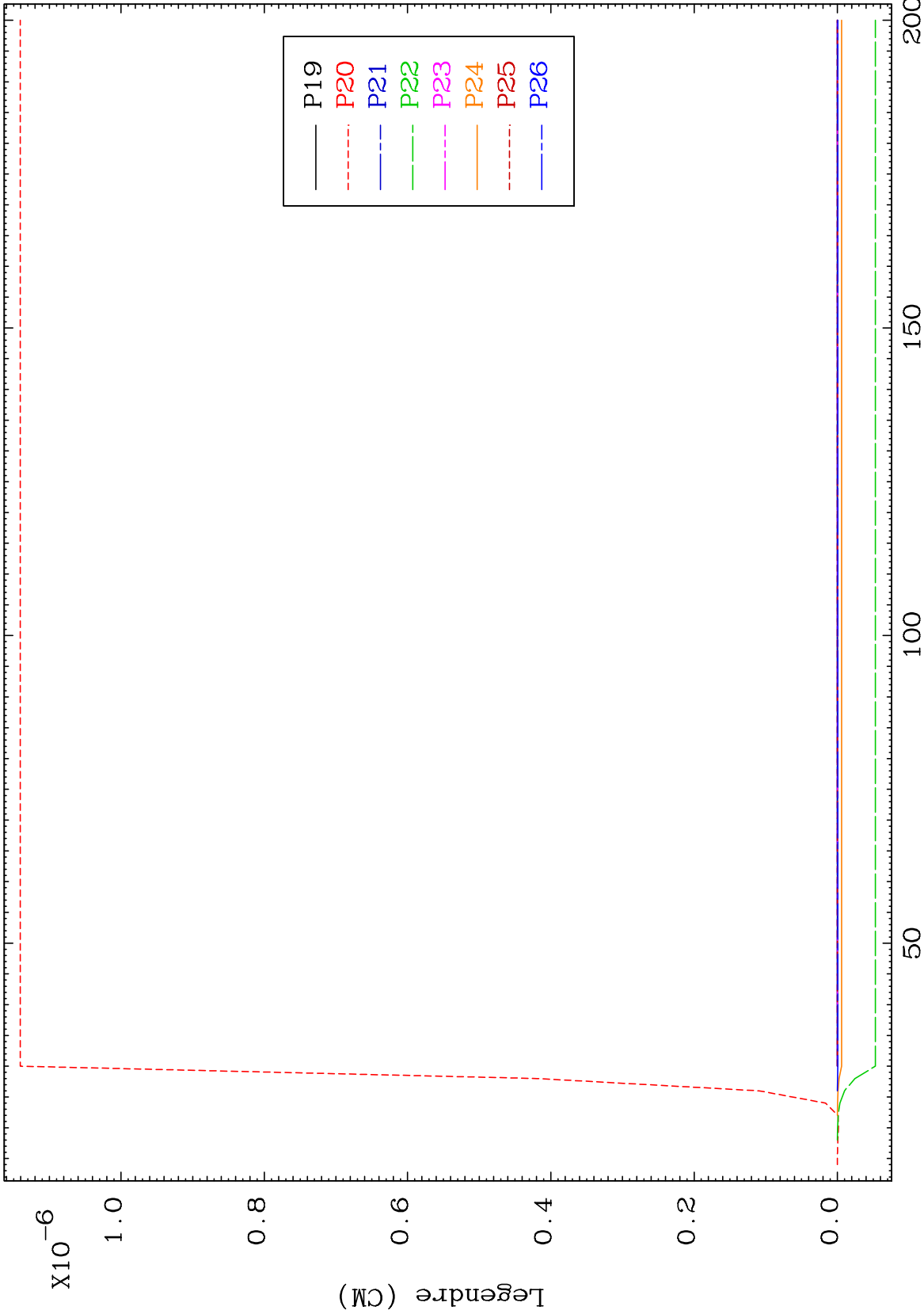
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



29

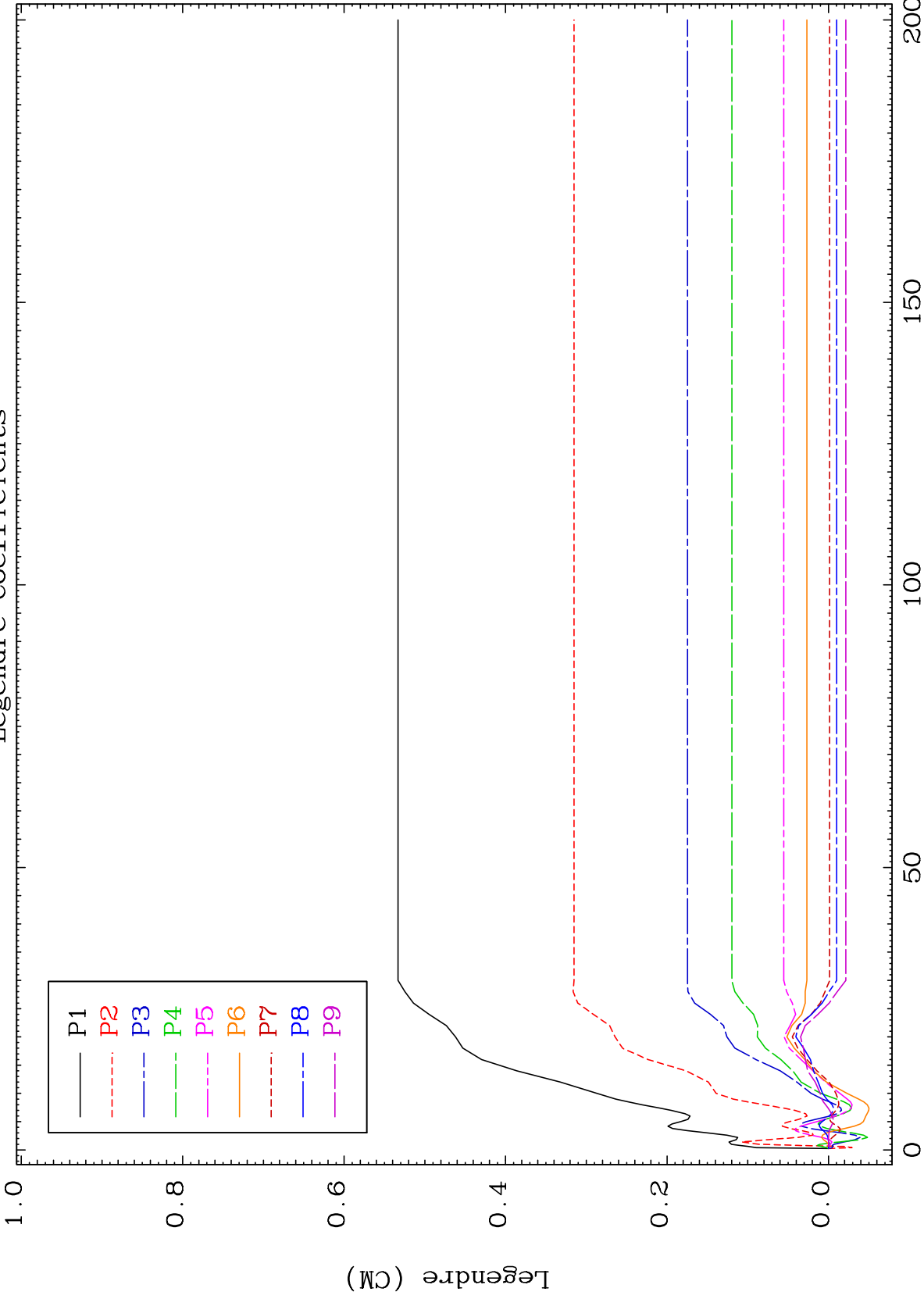
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



71-Lu-176

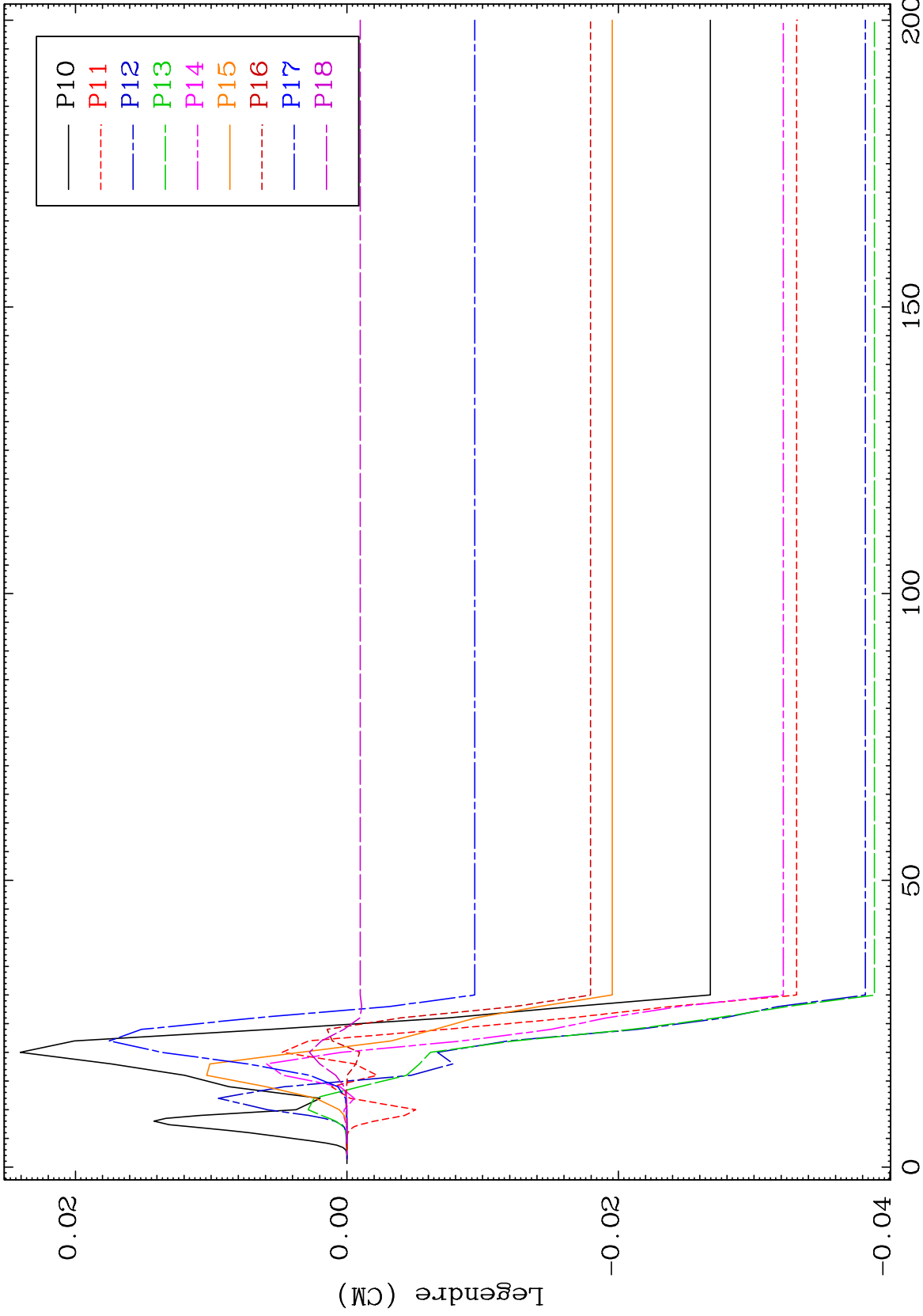
Incident Energy (MeV)

30

MAT 7128

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

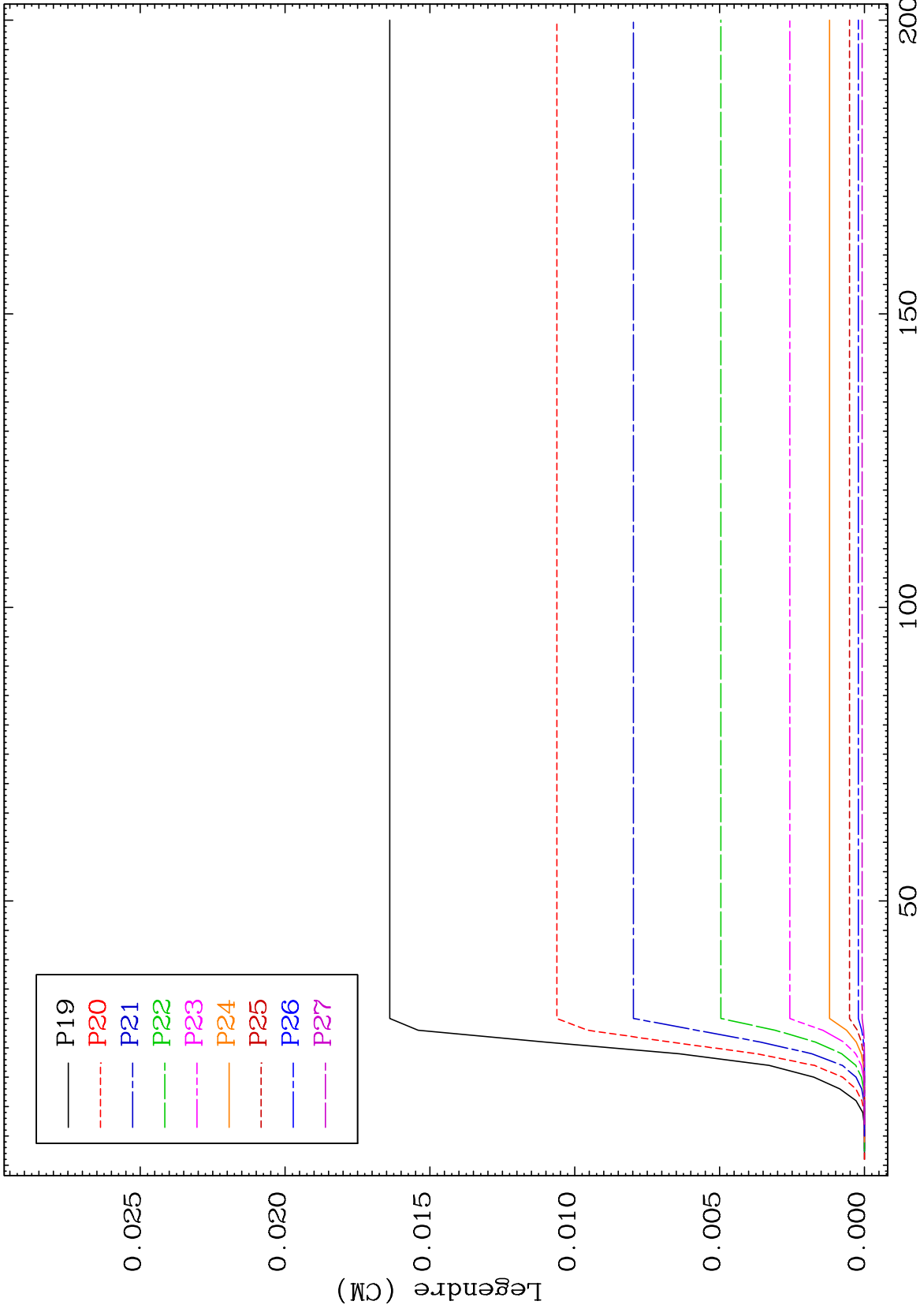
71-Lu-176



31

Incident Energy (MeV)

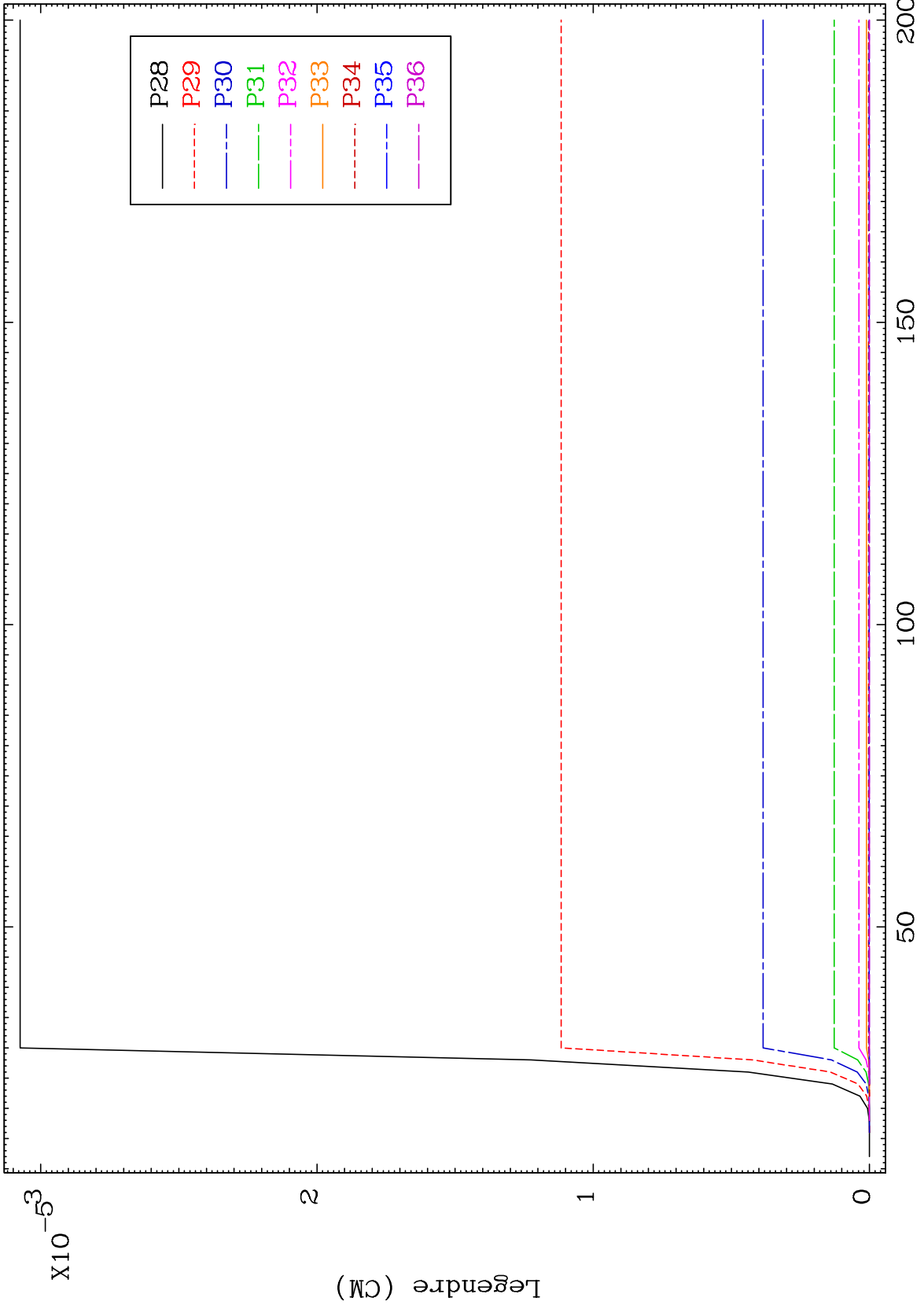
71-Lu-176



MAT 7128

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

71-Lu-176



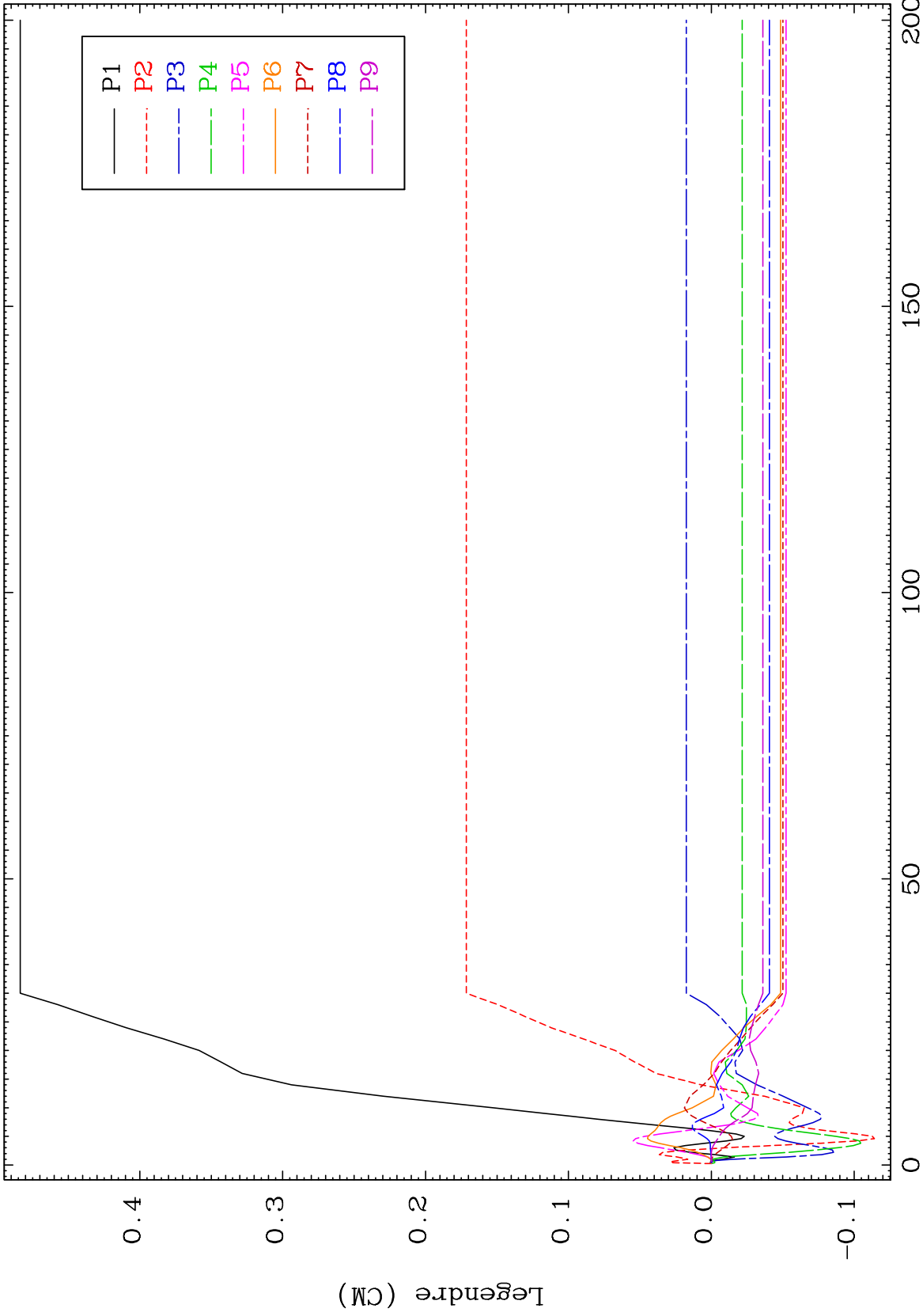
33

71-Lu-176

MAT 7128

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

71-Lu-176



34

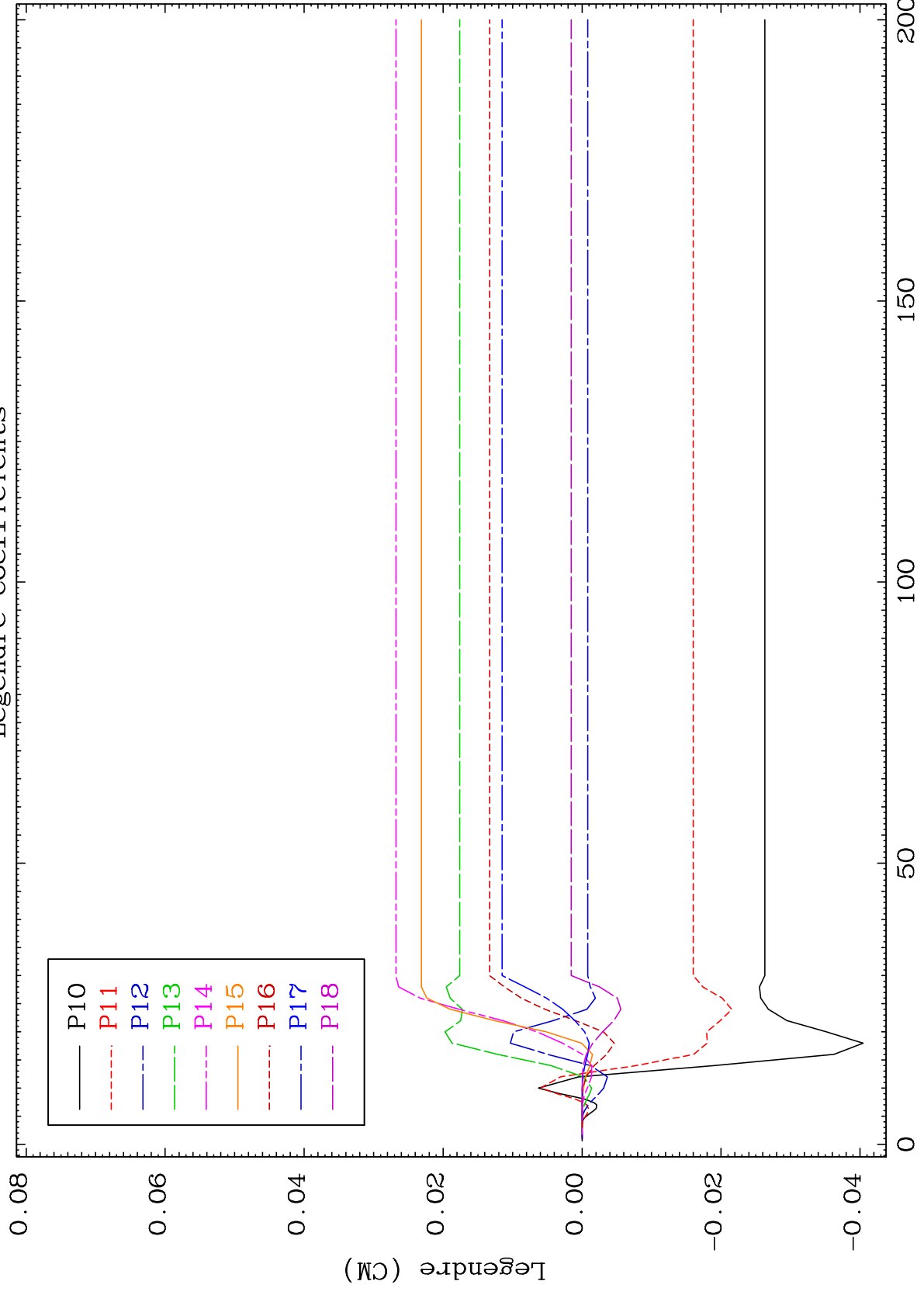
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



35

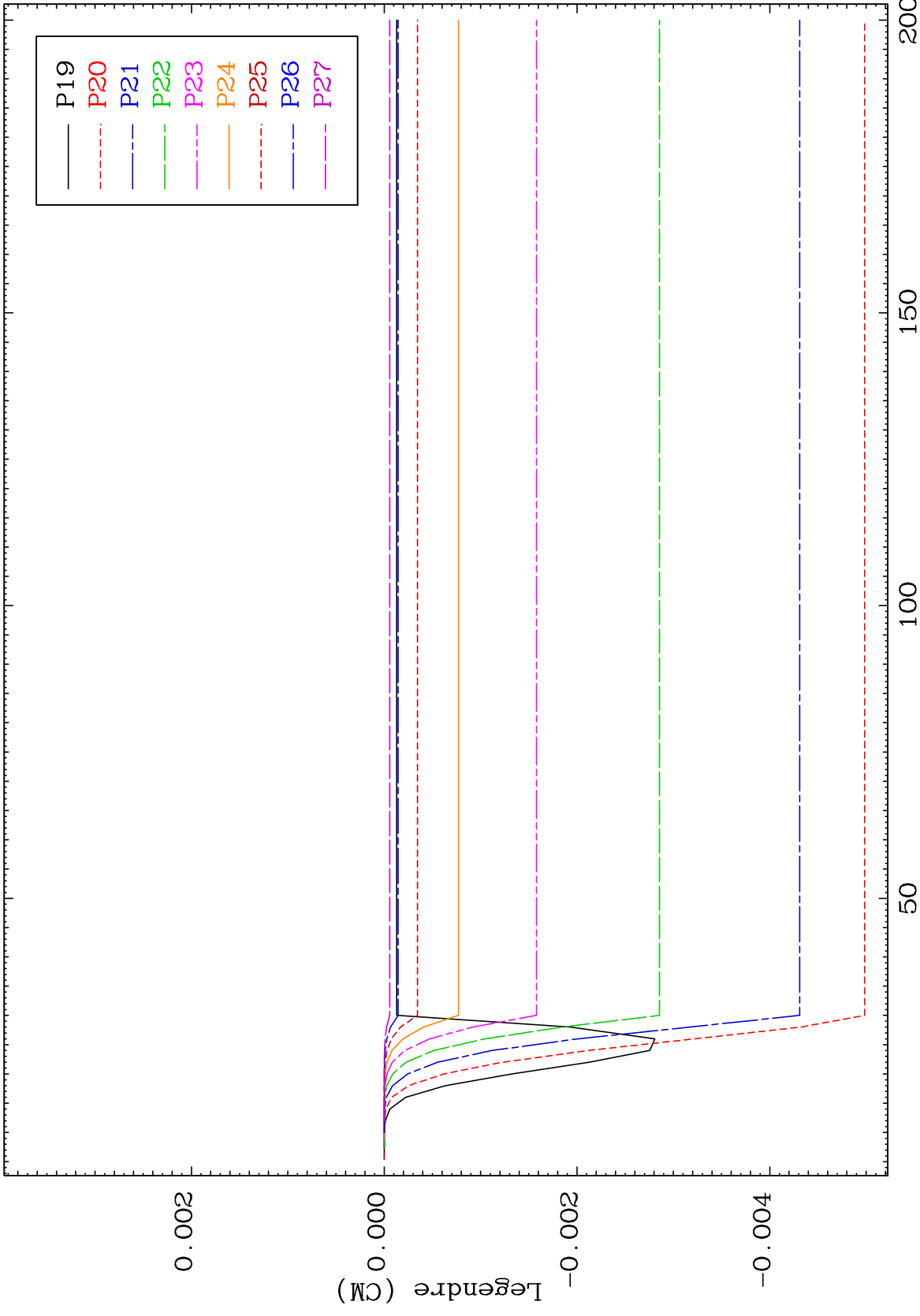
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

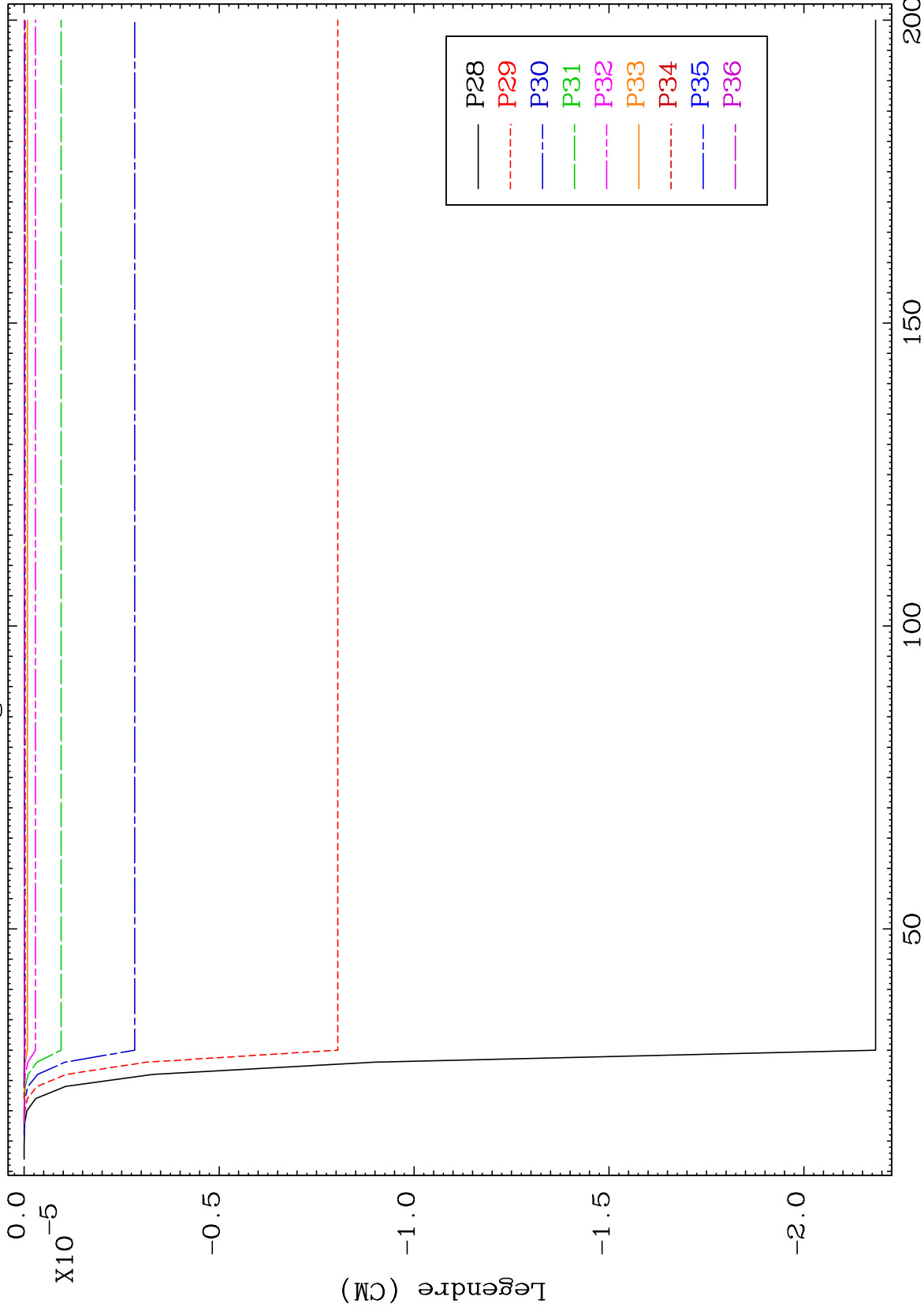
71-Lu-176



36

Incident Energy (MeV)

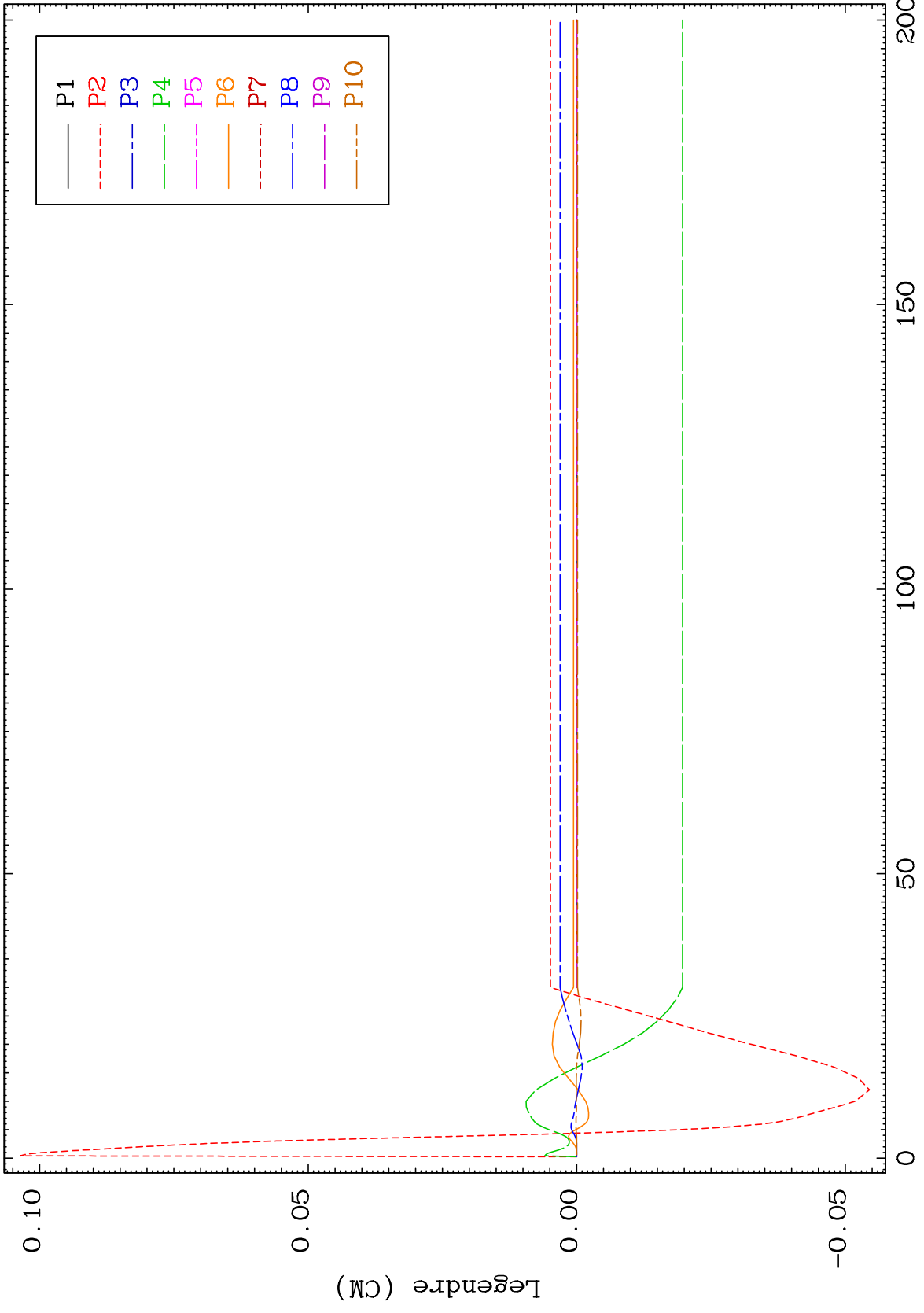
71-Lu-176



MAT 7128

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

71-Lu-176



38

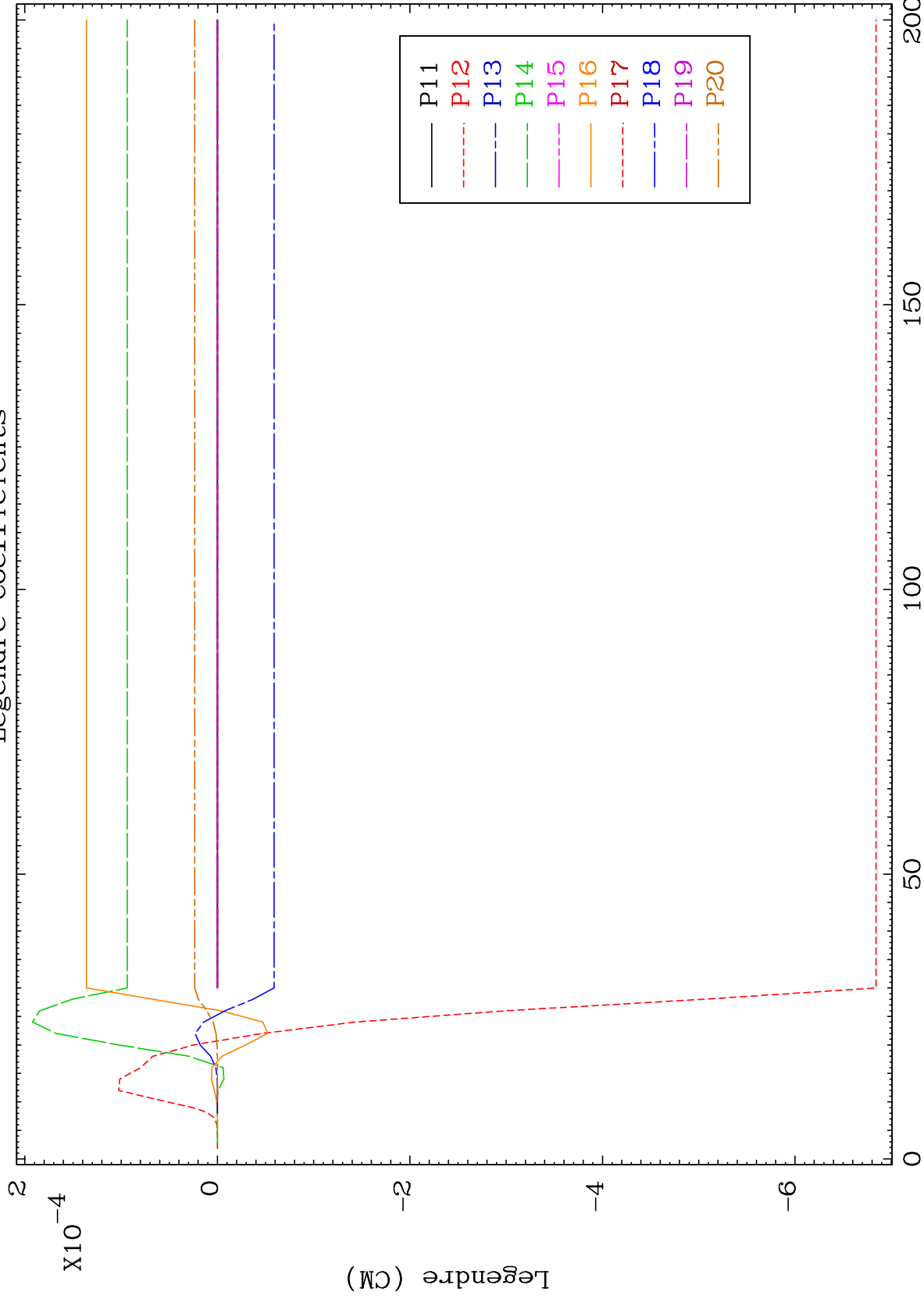
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



39

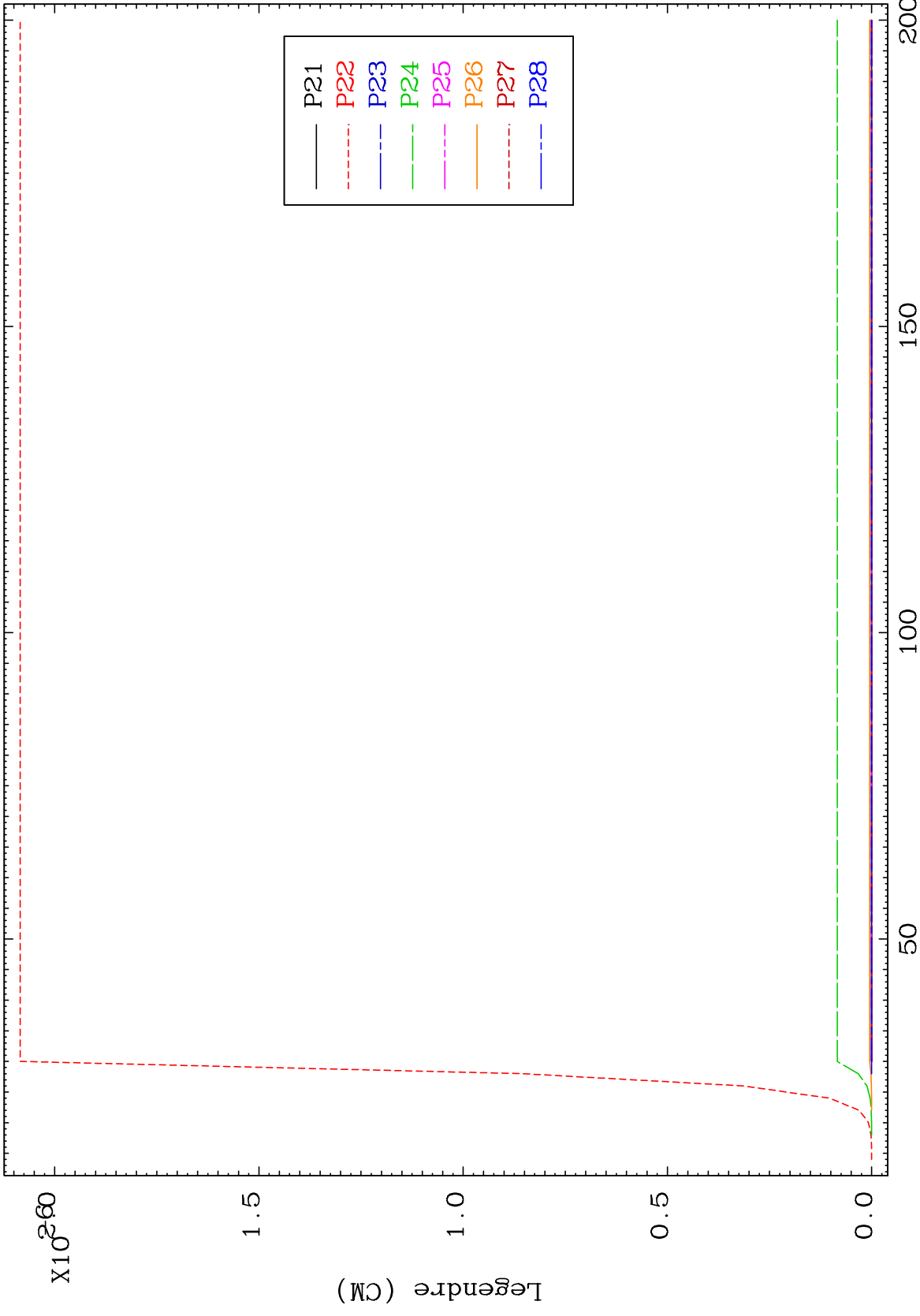
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



40

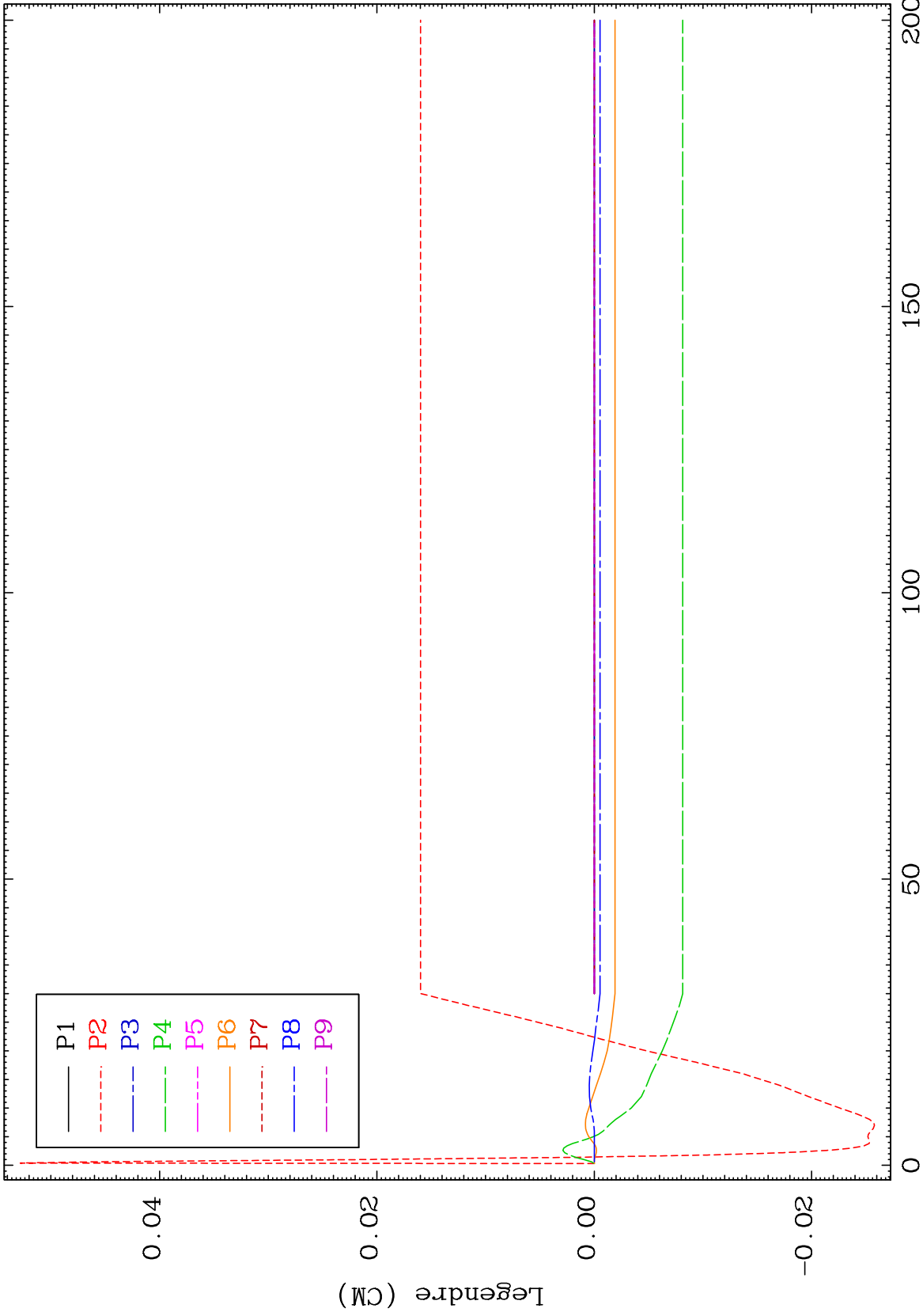
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



41

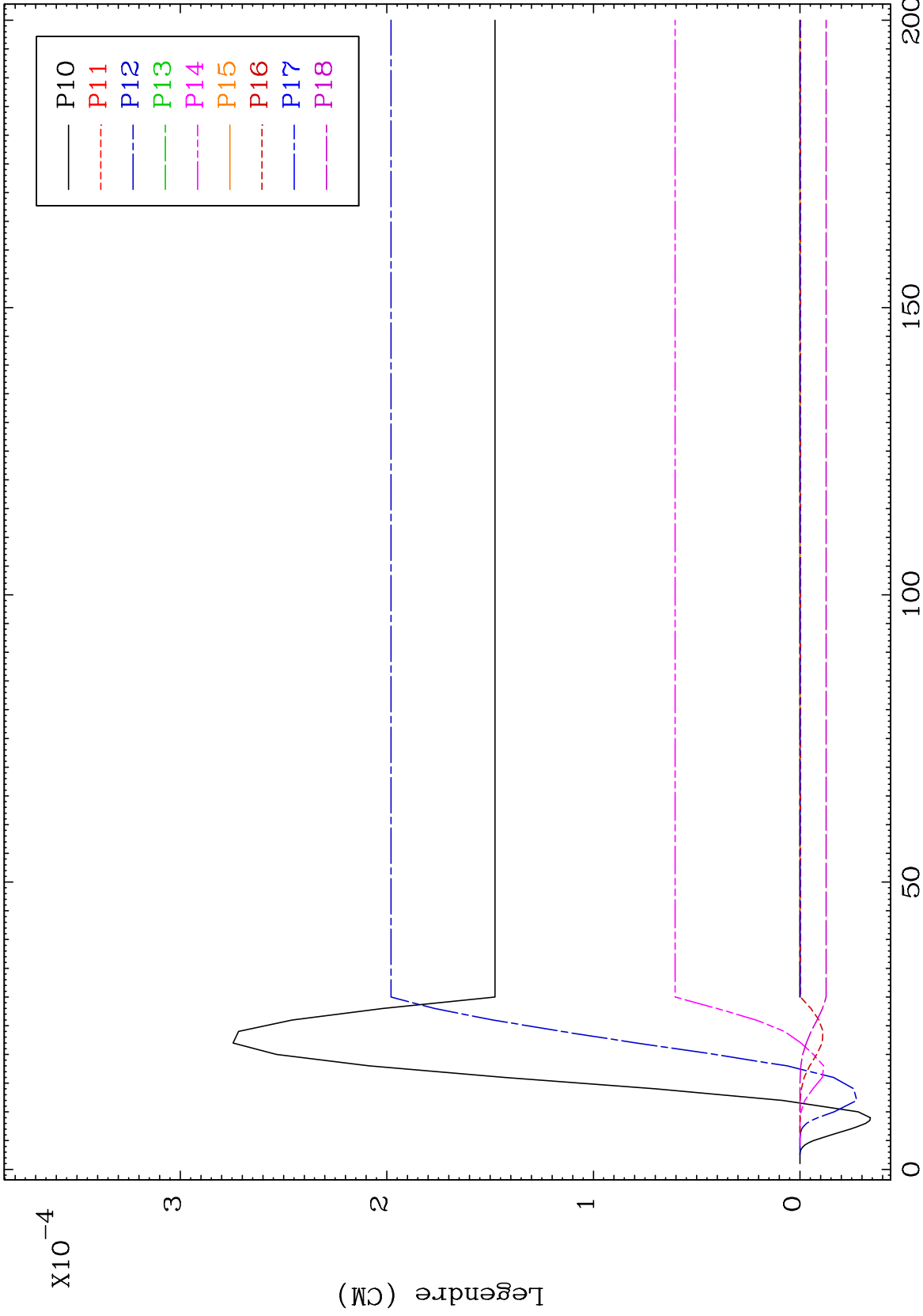
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



42

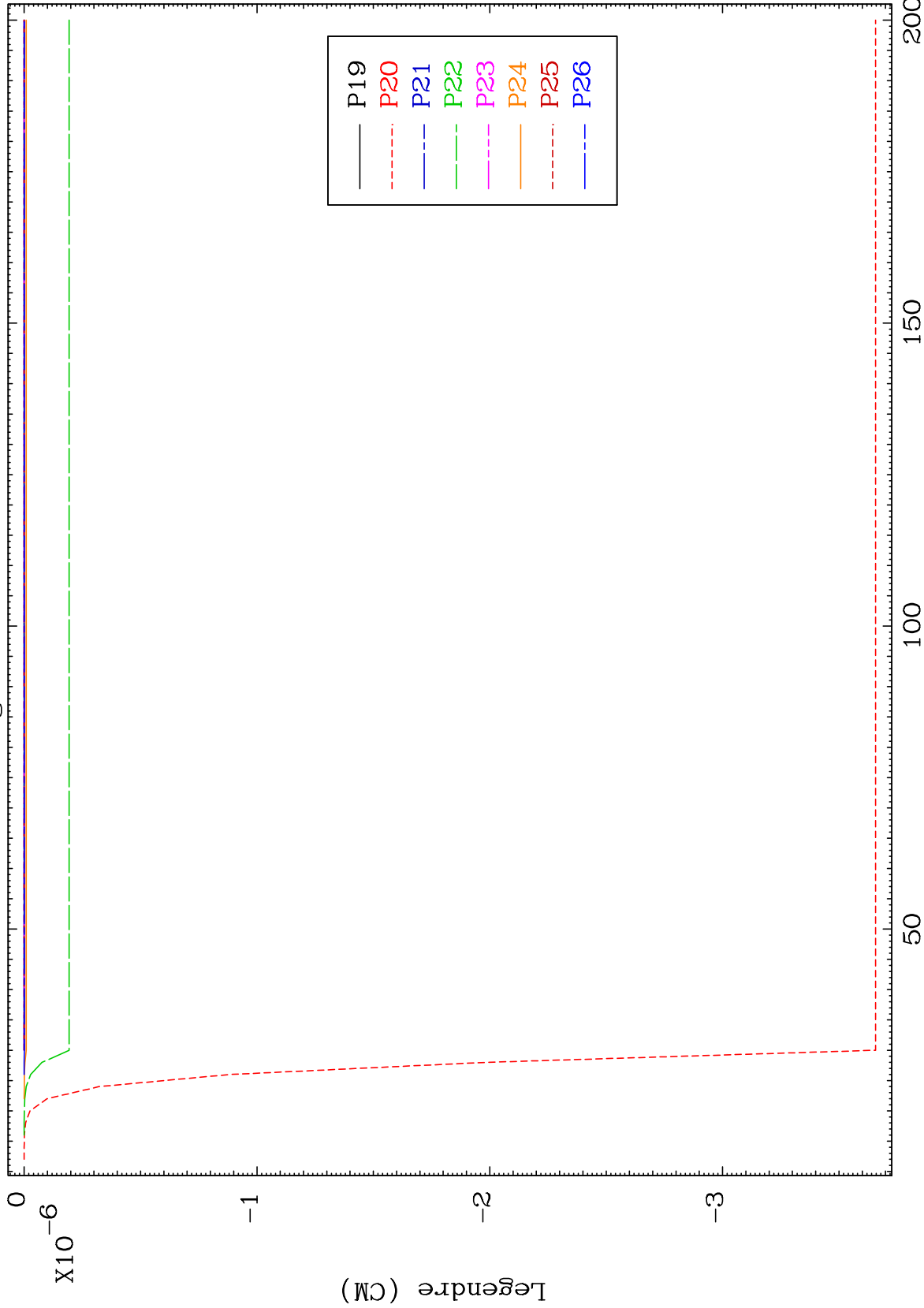
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



43

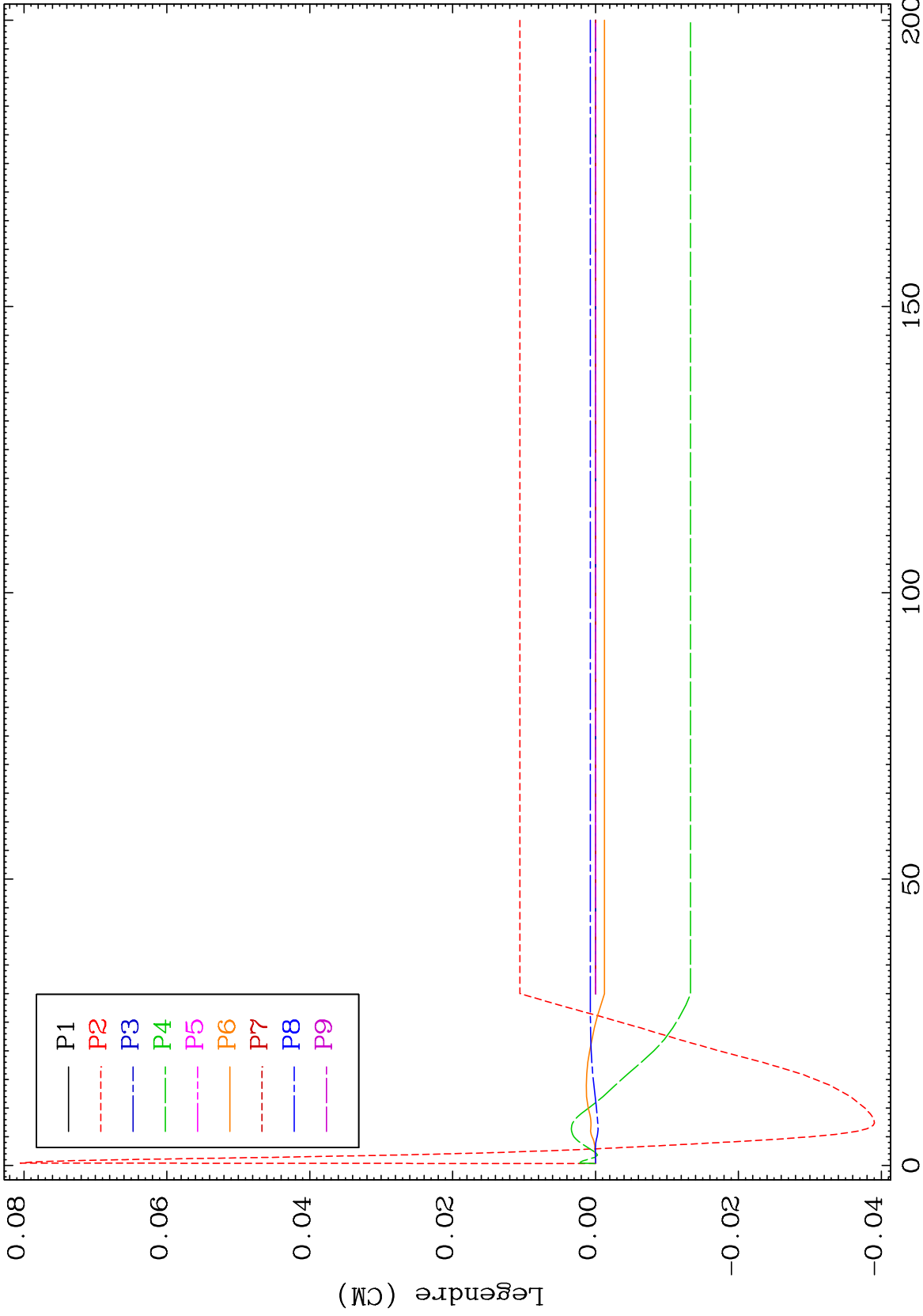
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



44

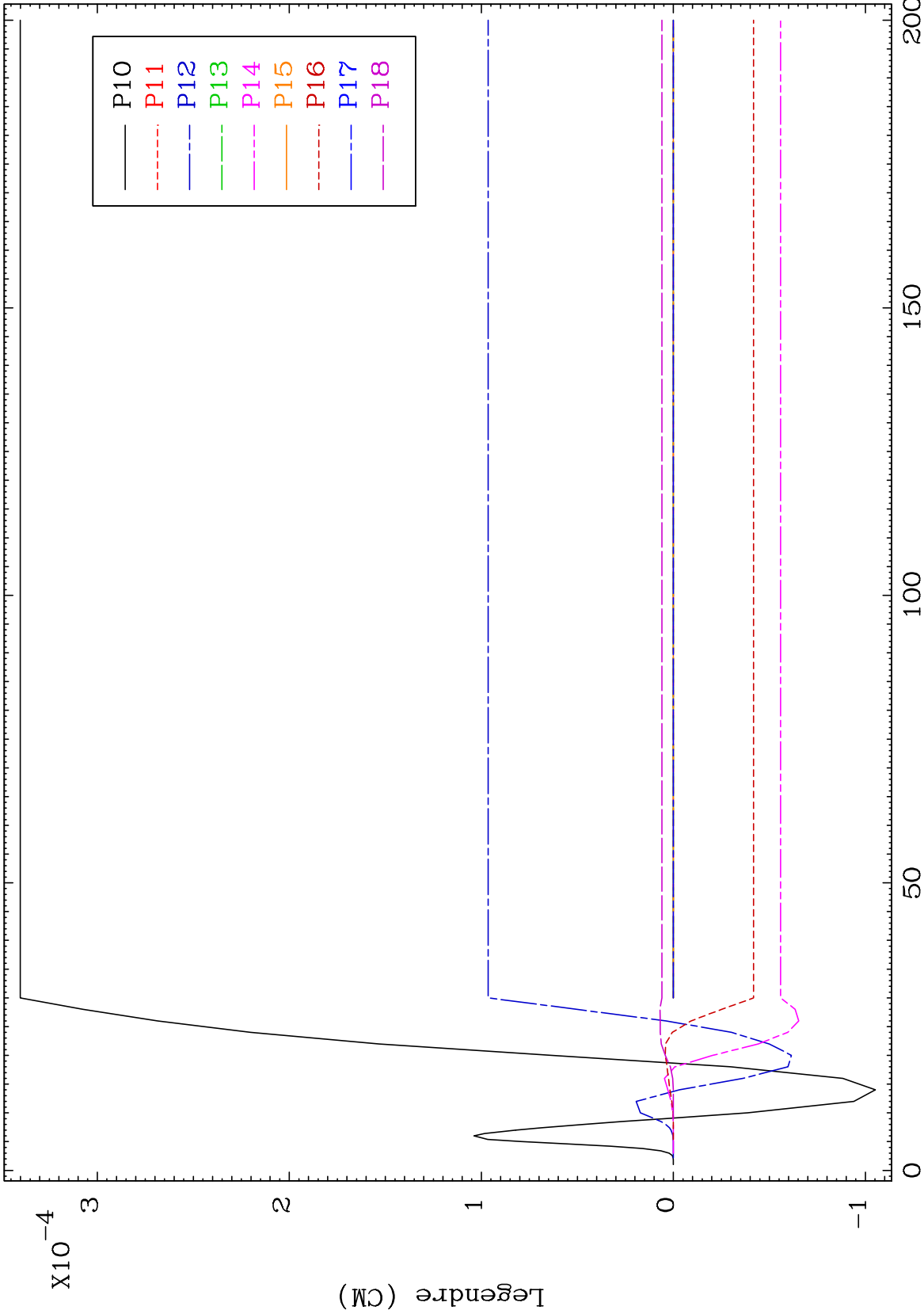
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



45

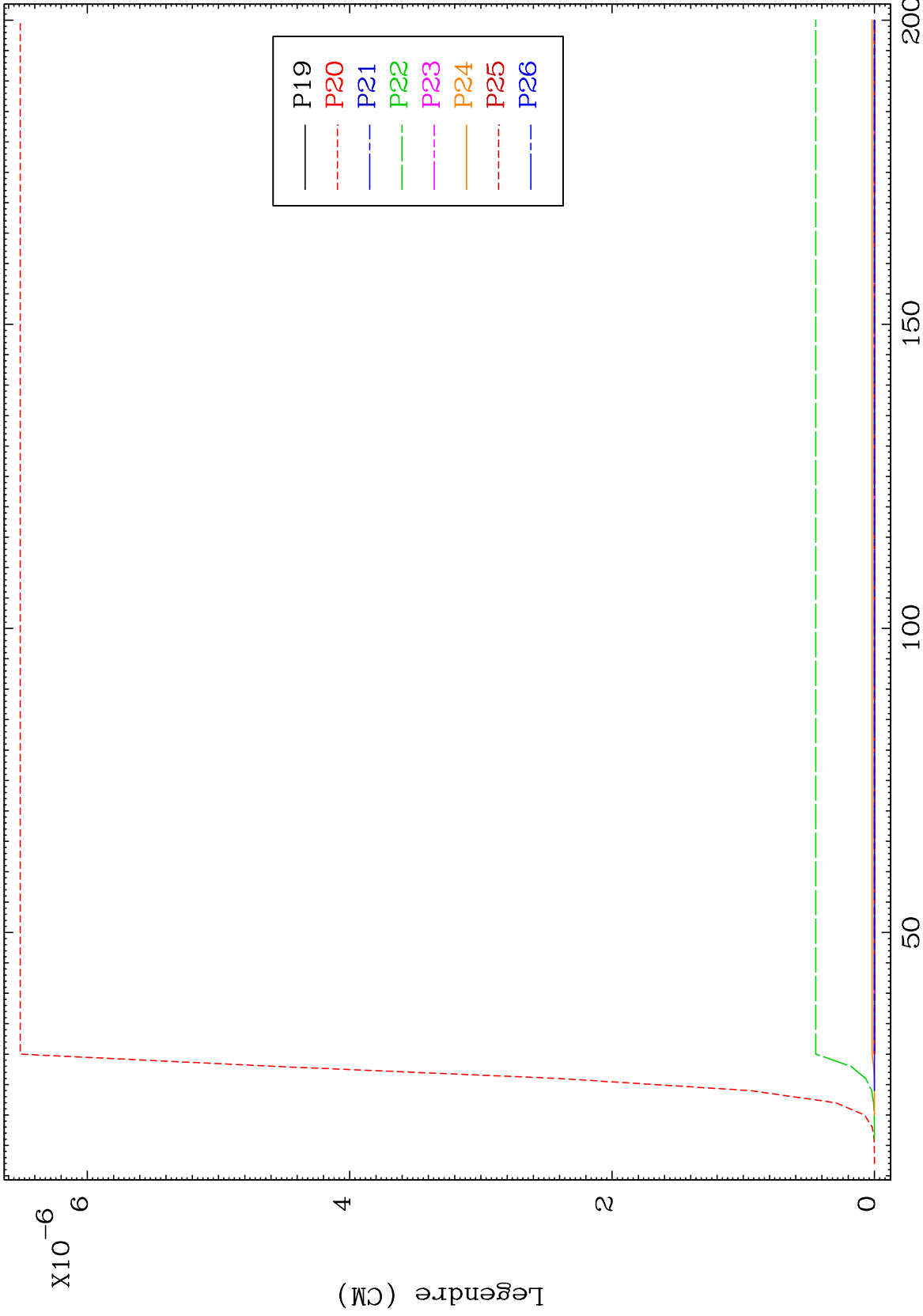
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



46

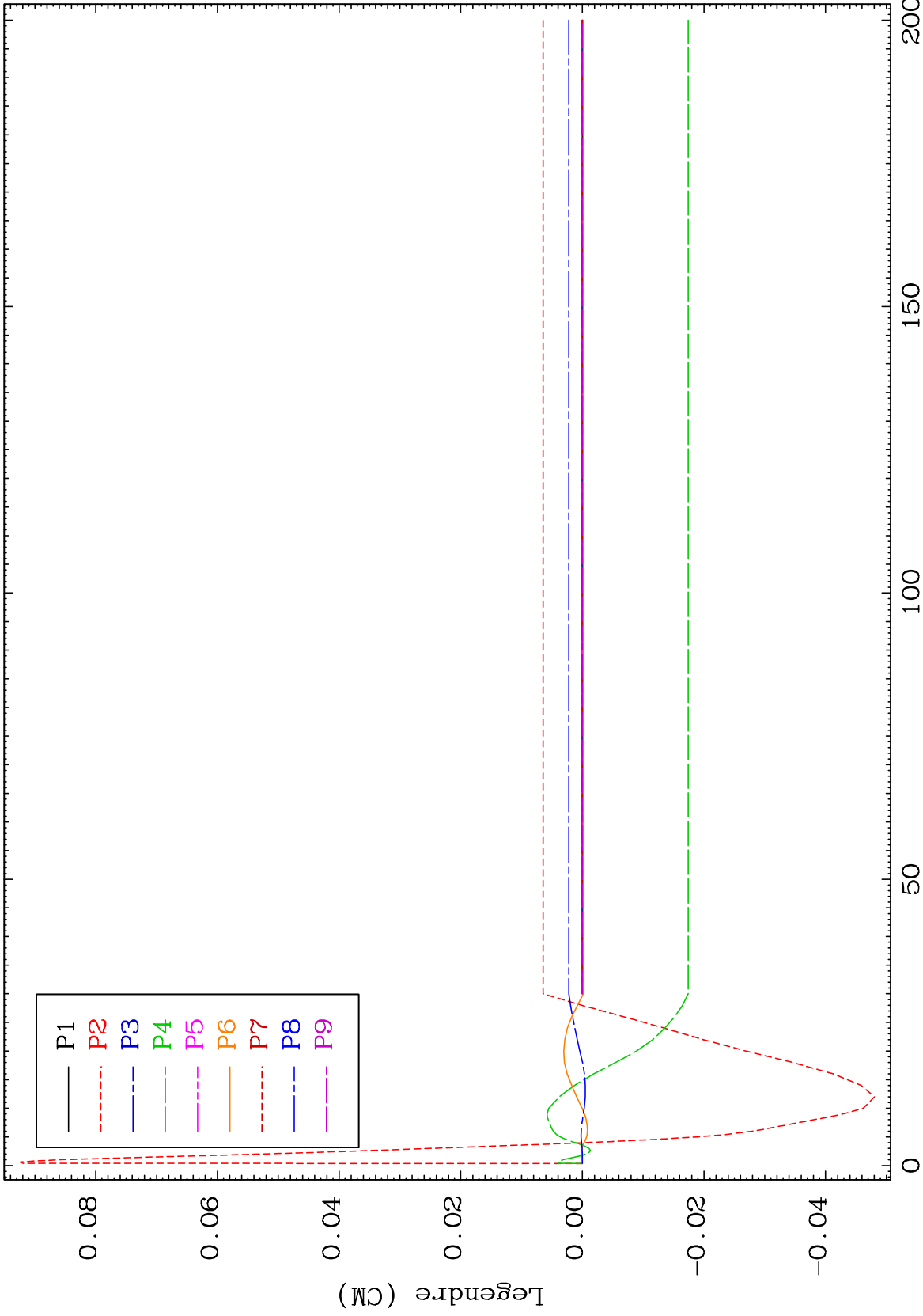
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



47

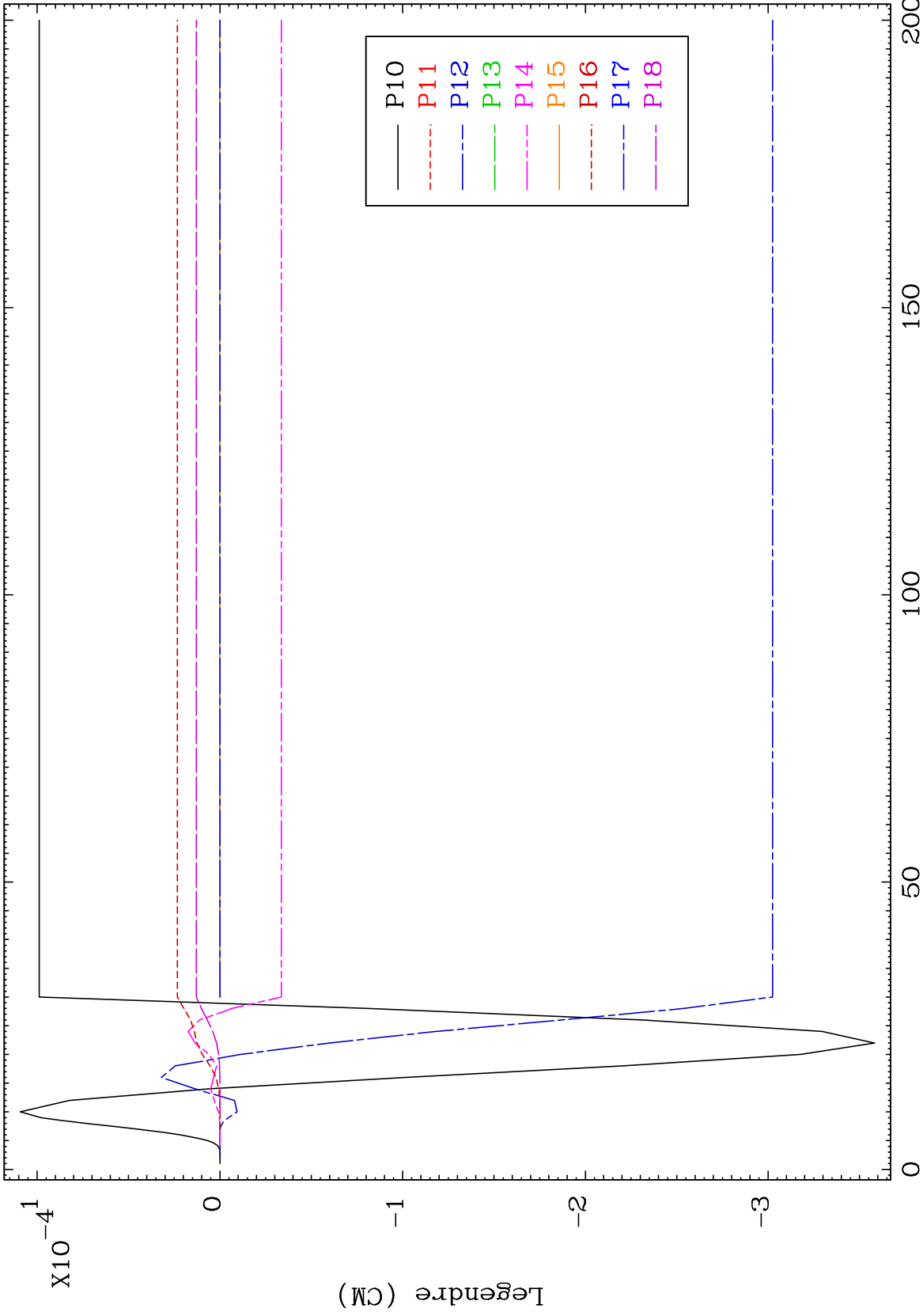
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



48

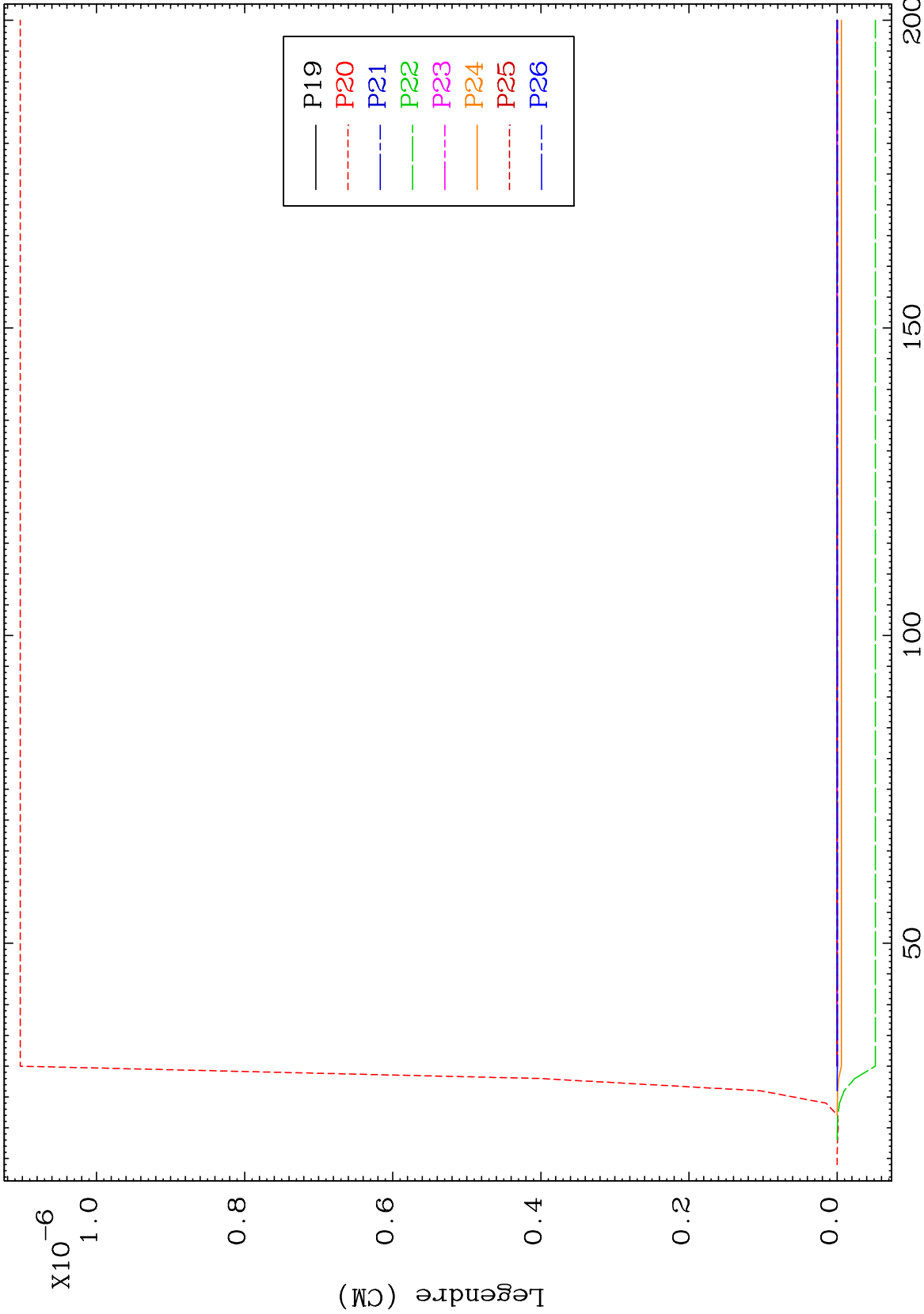
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



49

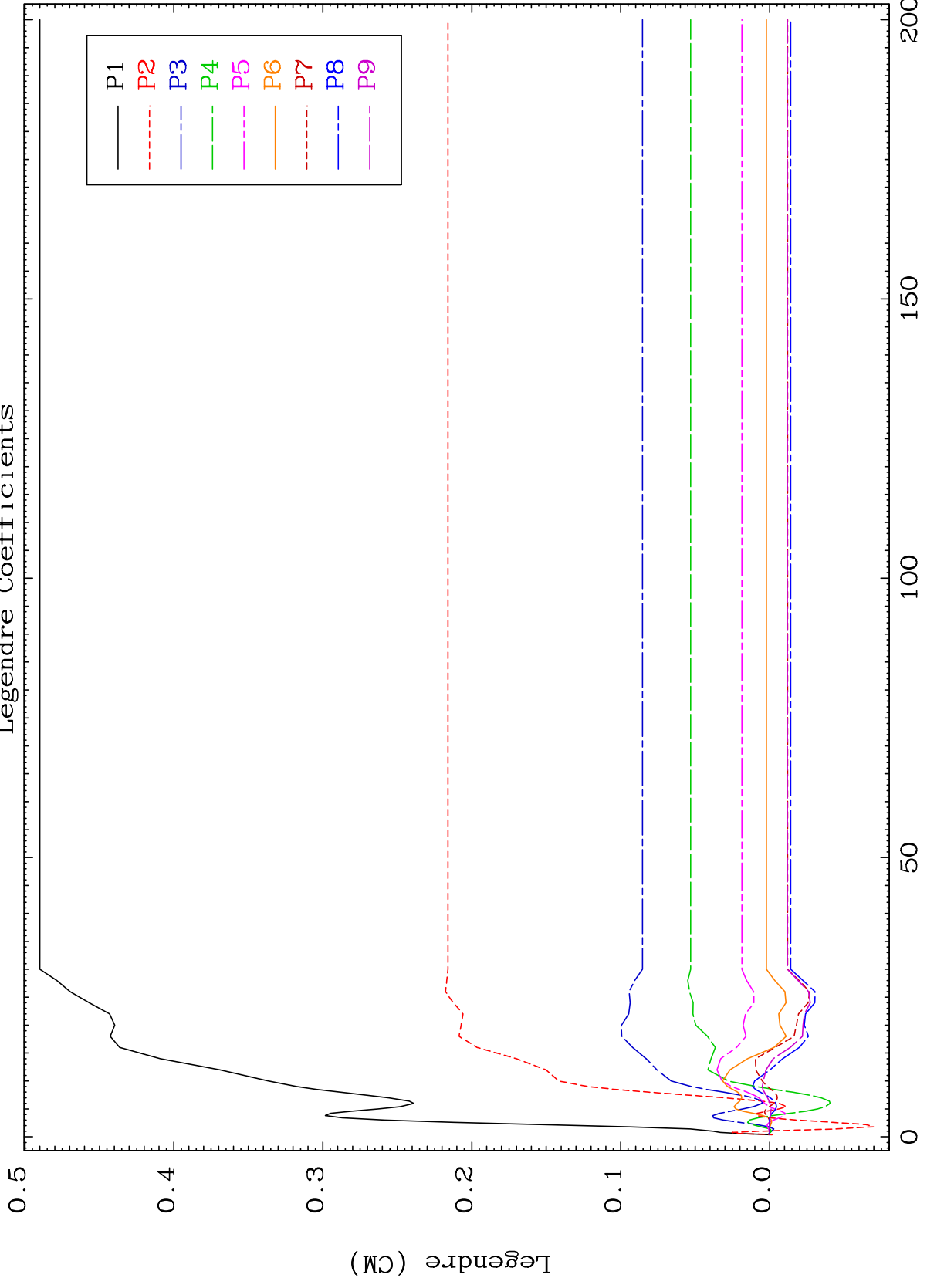
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



71-Lu-176

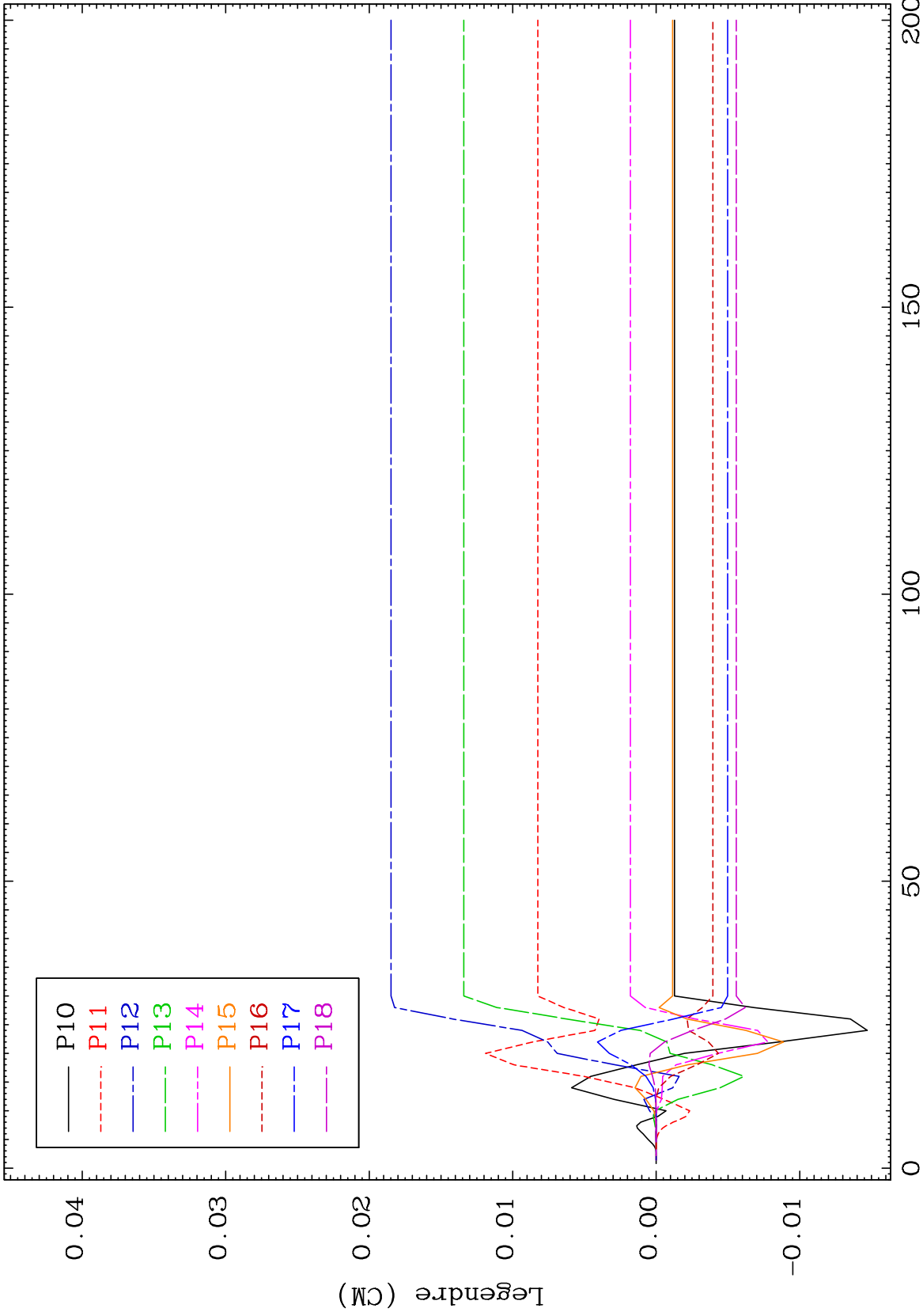
Incident Energy (MeV)

50

MAT 7128

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

71-Lu-176



51

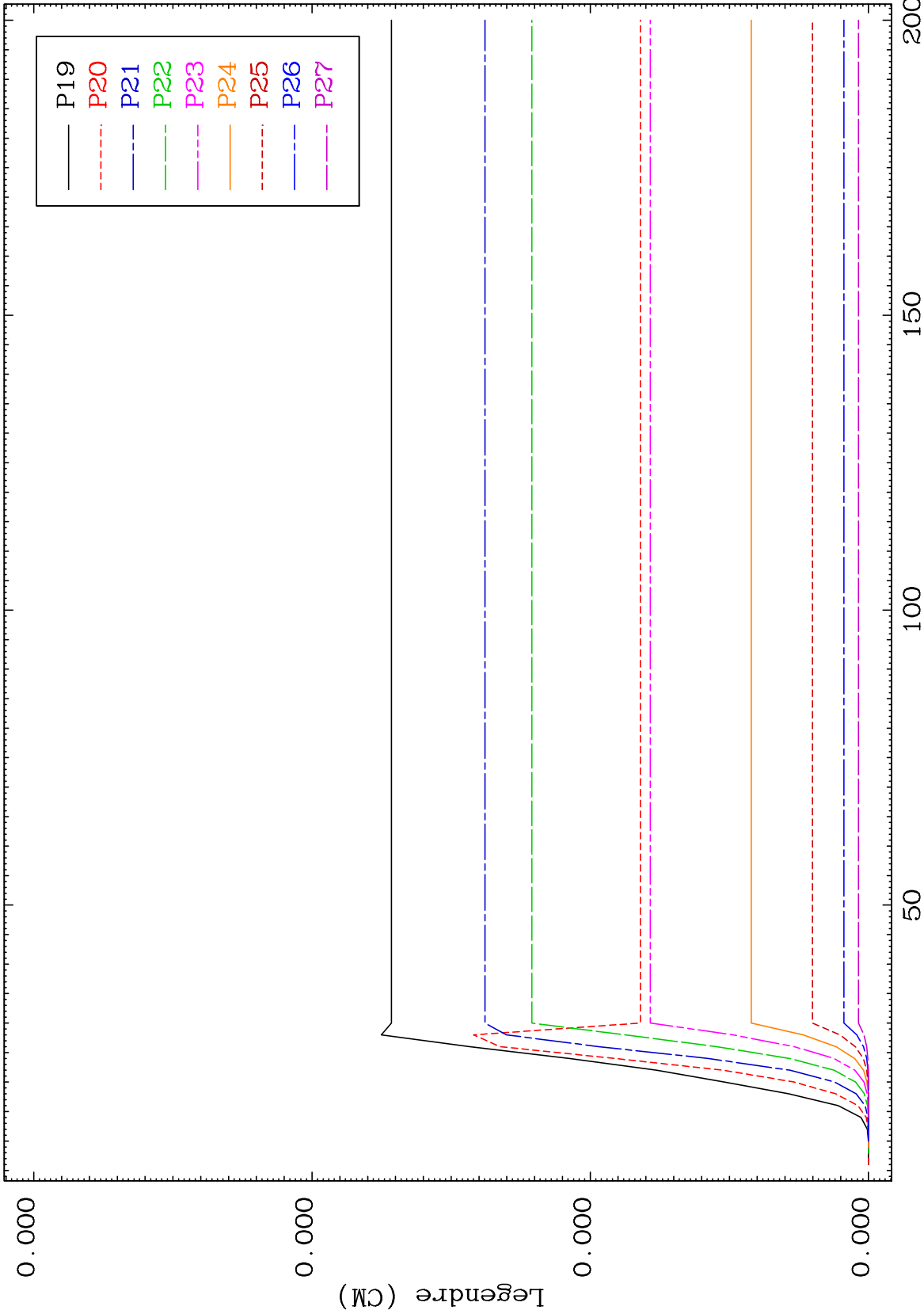
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



52

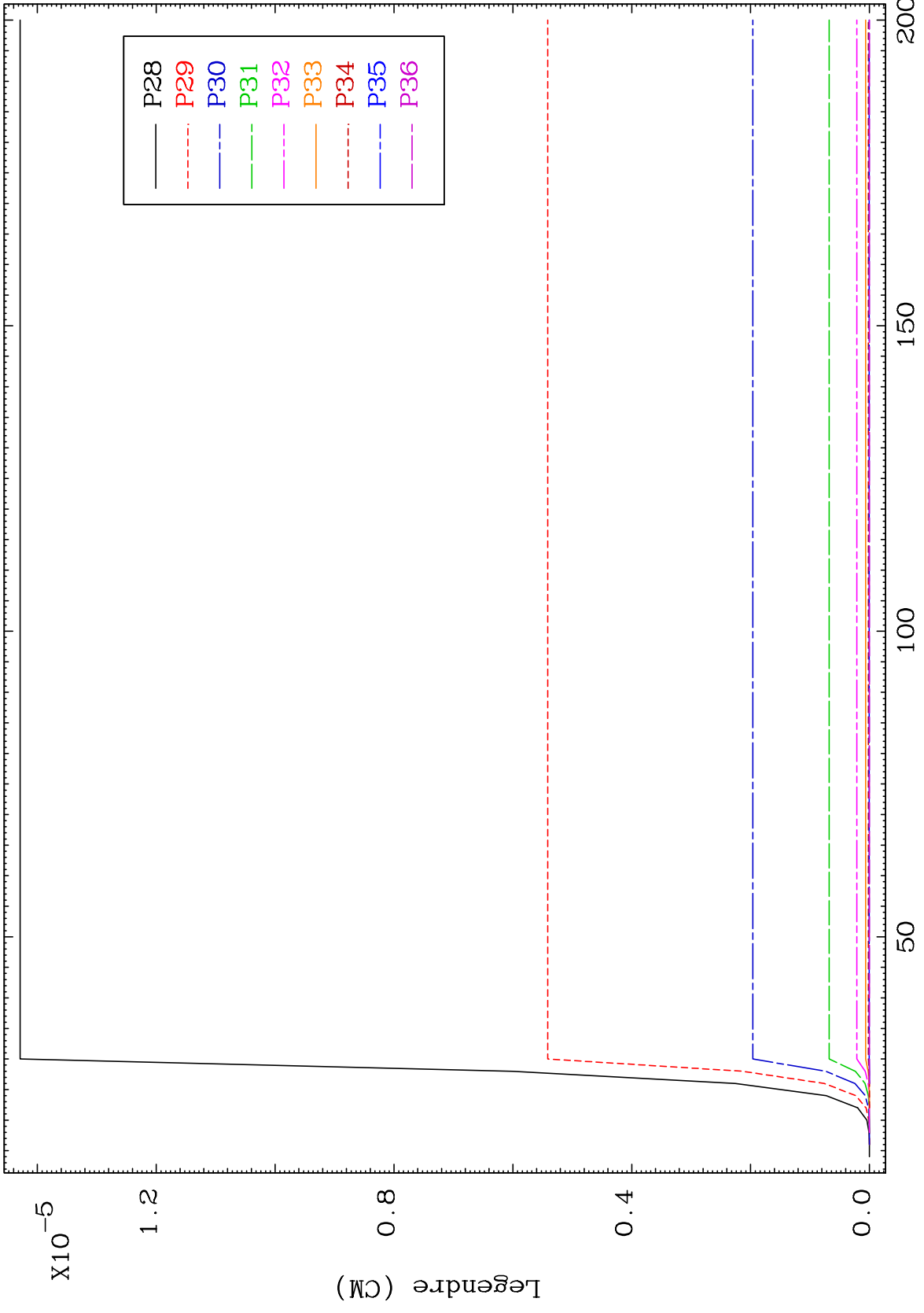
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



53

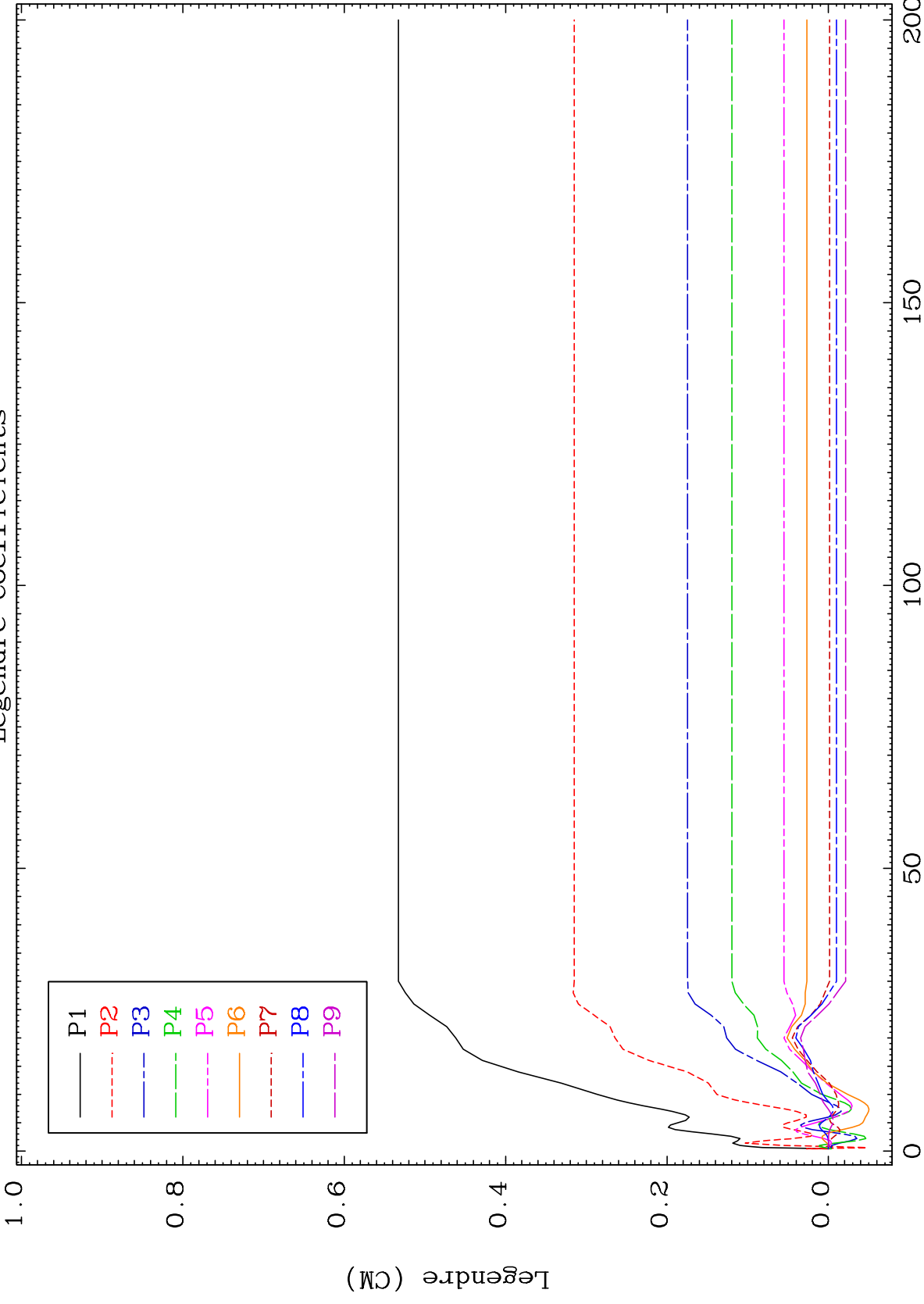
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



71-Lu-176

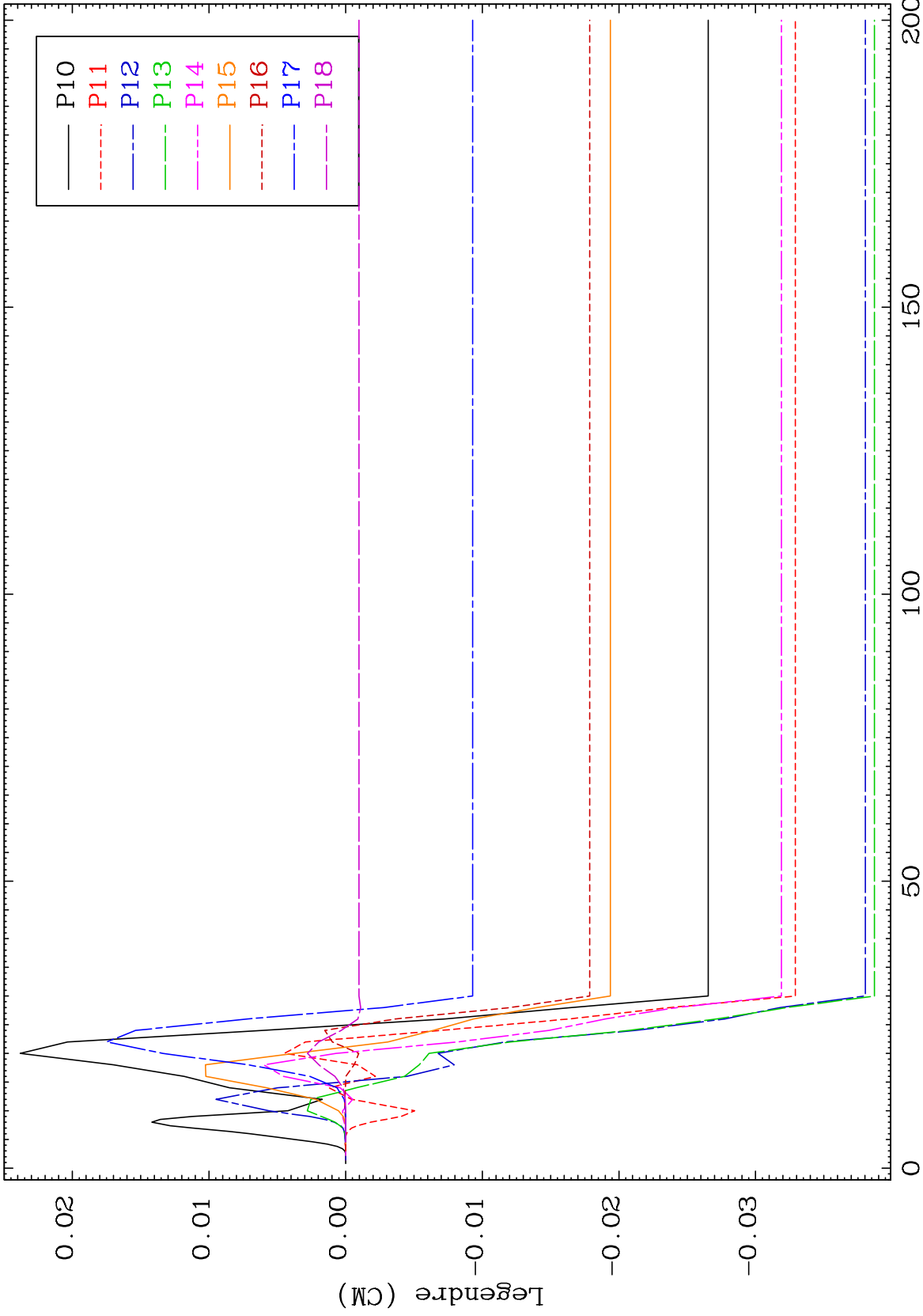
Incident Energy (MeV)

54

MAT 7128

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

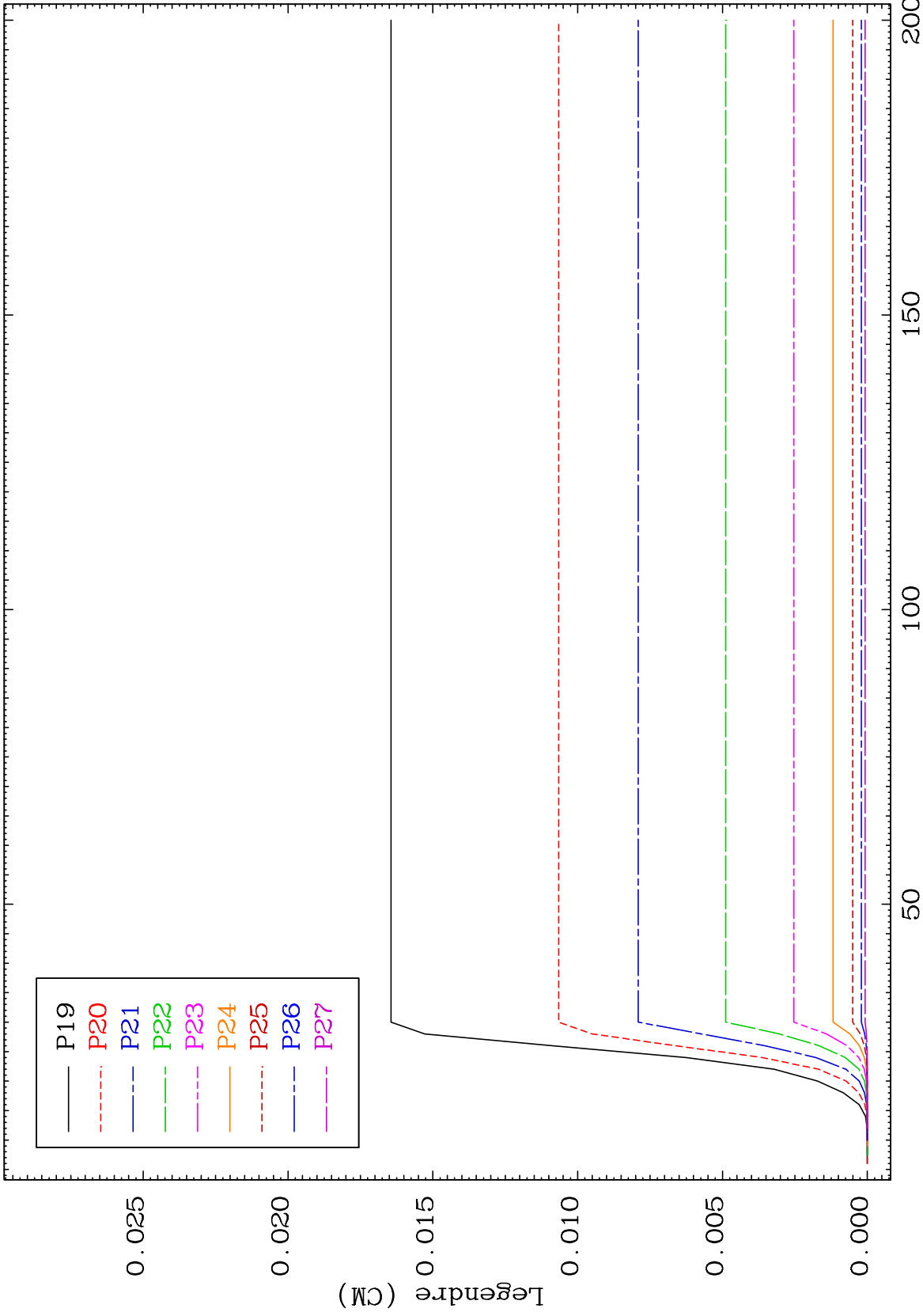
71-Lu-176



55

Incident Energy (MeV)

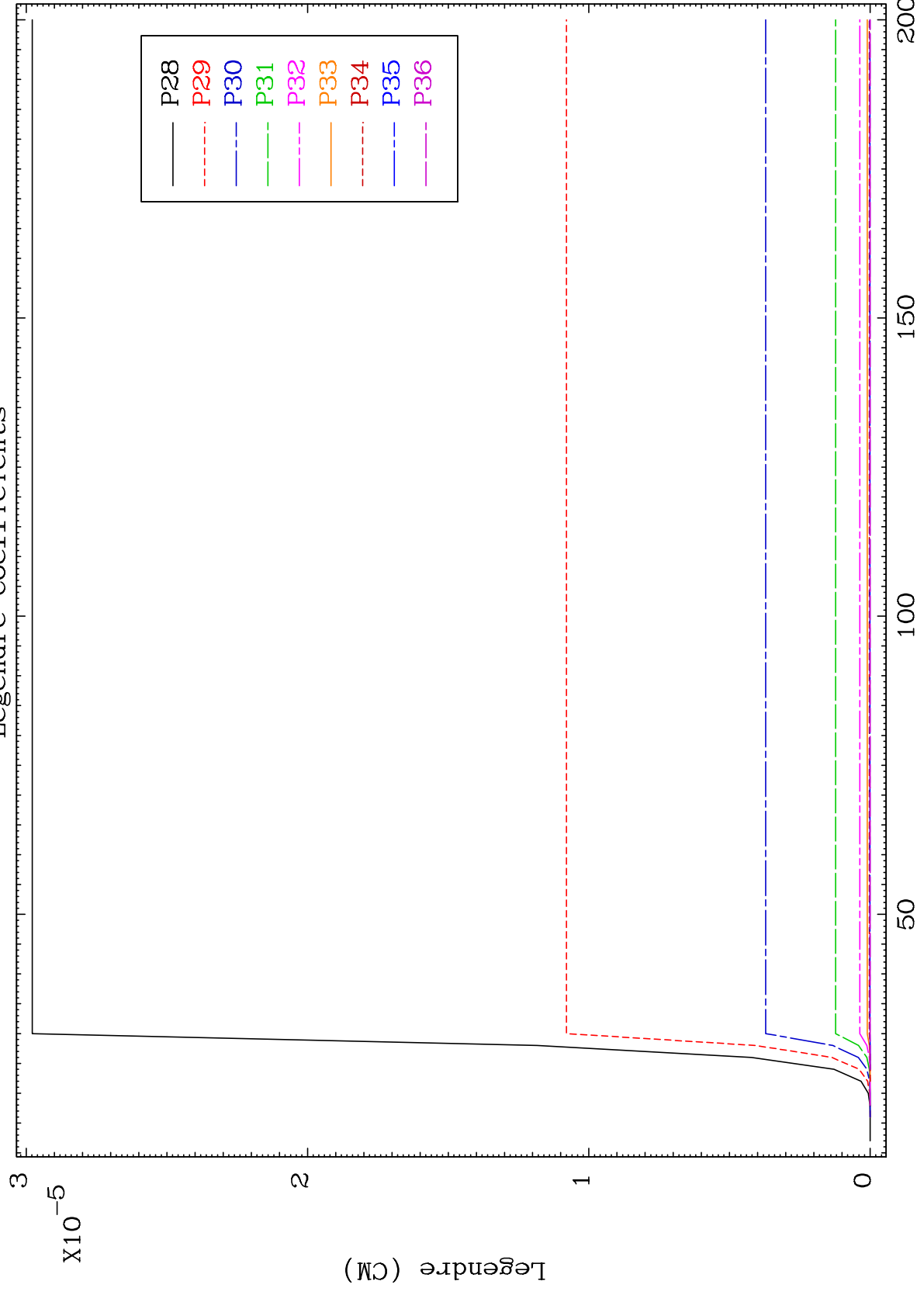
71-Lu-176



MAT 7128

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

71-Lu-176



57

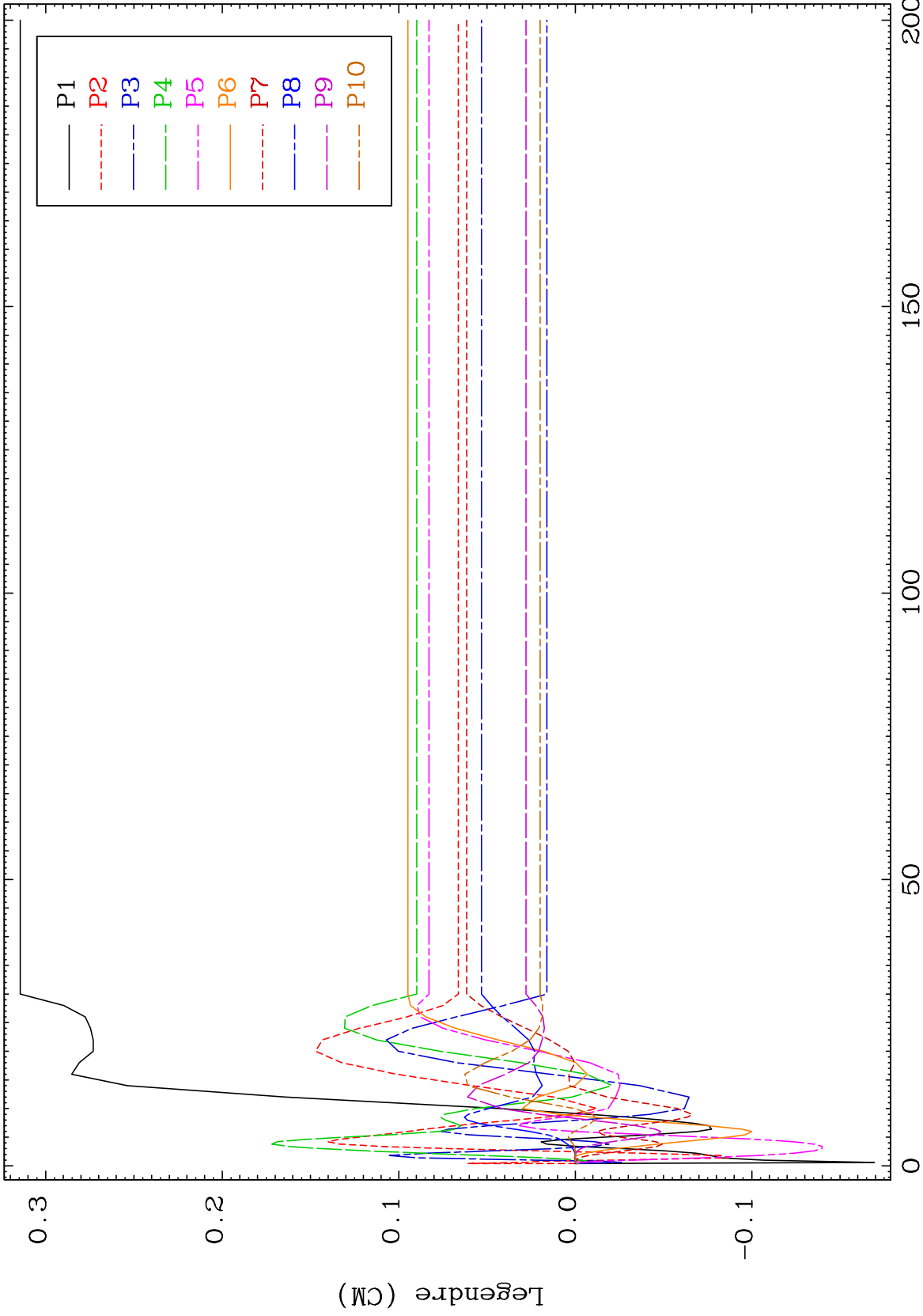
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



58

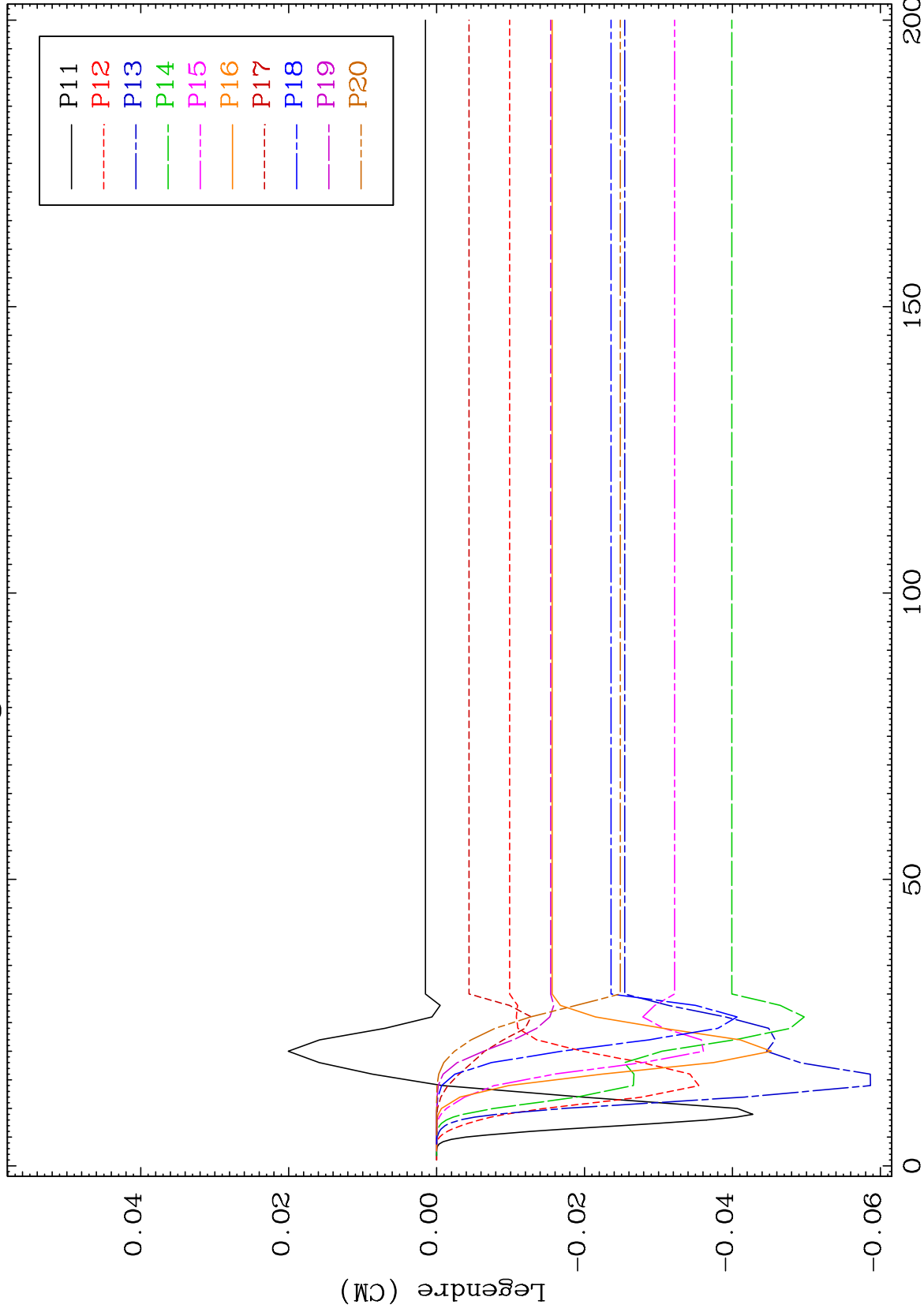
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176

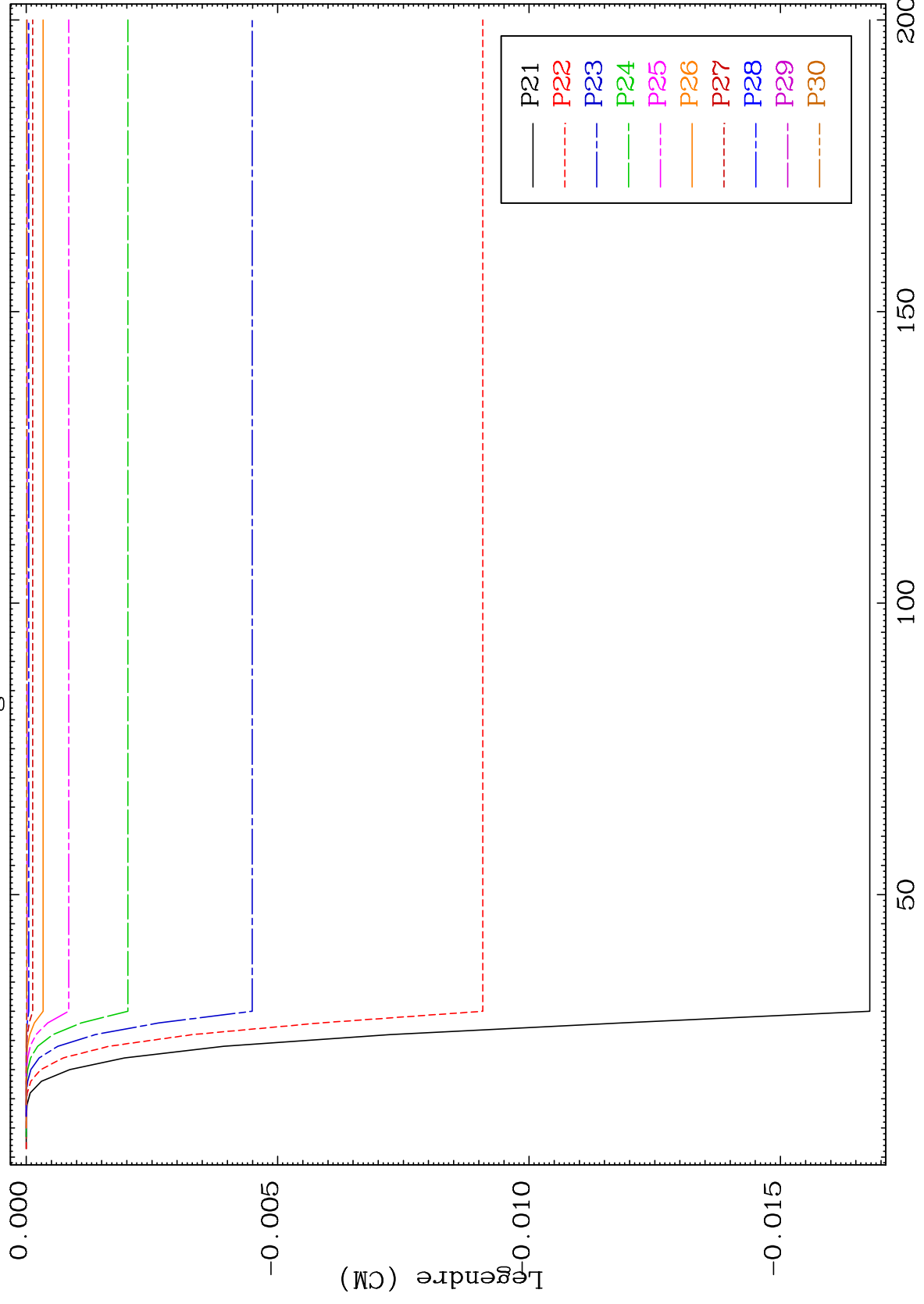


59

Incident Energy (MeV)

71-Lu-176

MAT 7128 MT= 62 (n,n') Level Legendre Coefficients 71-Lu-176

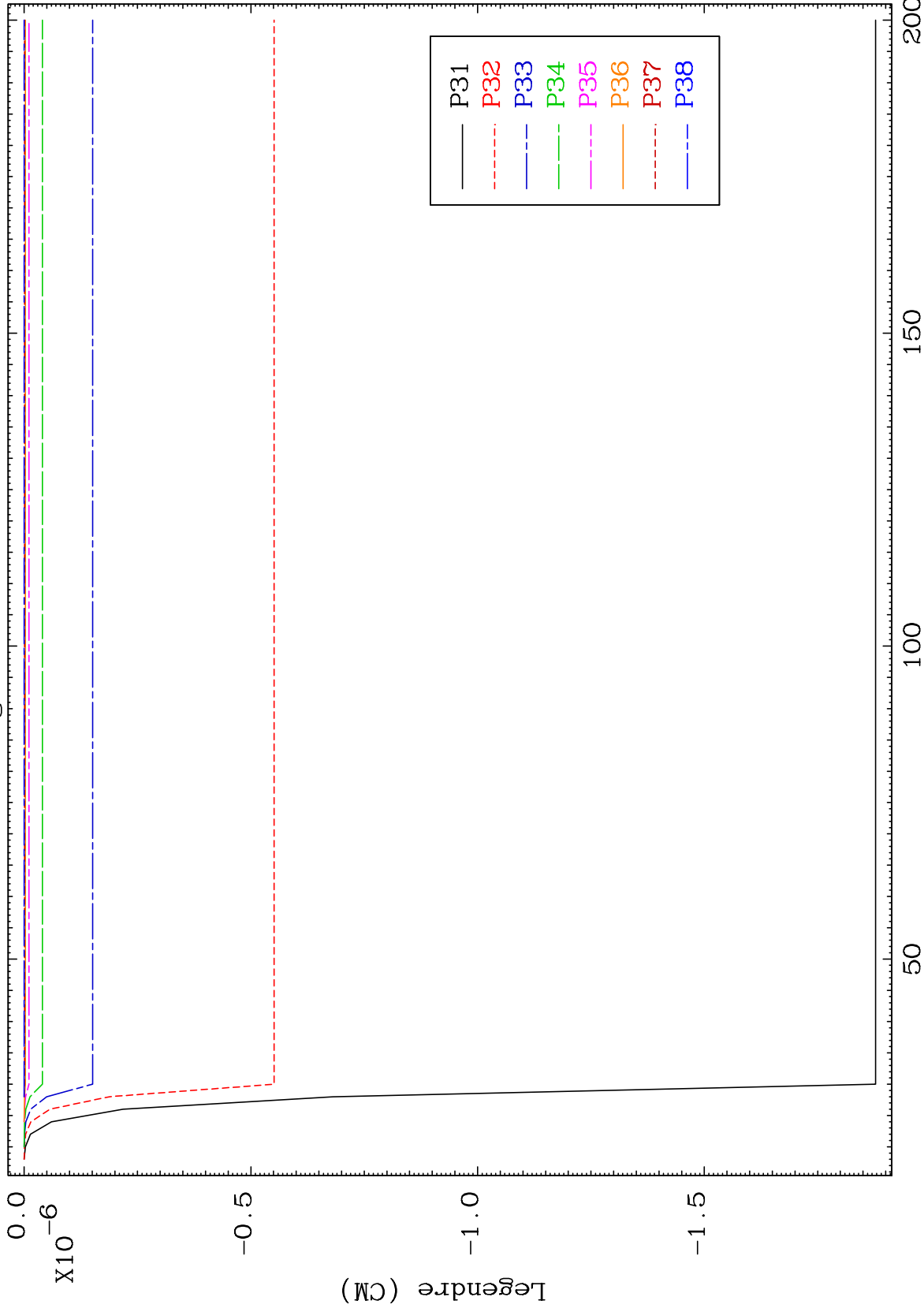


60 Incident Energy (MeV) 71-Lu-176

MAT 7128

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

71-Lu-176



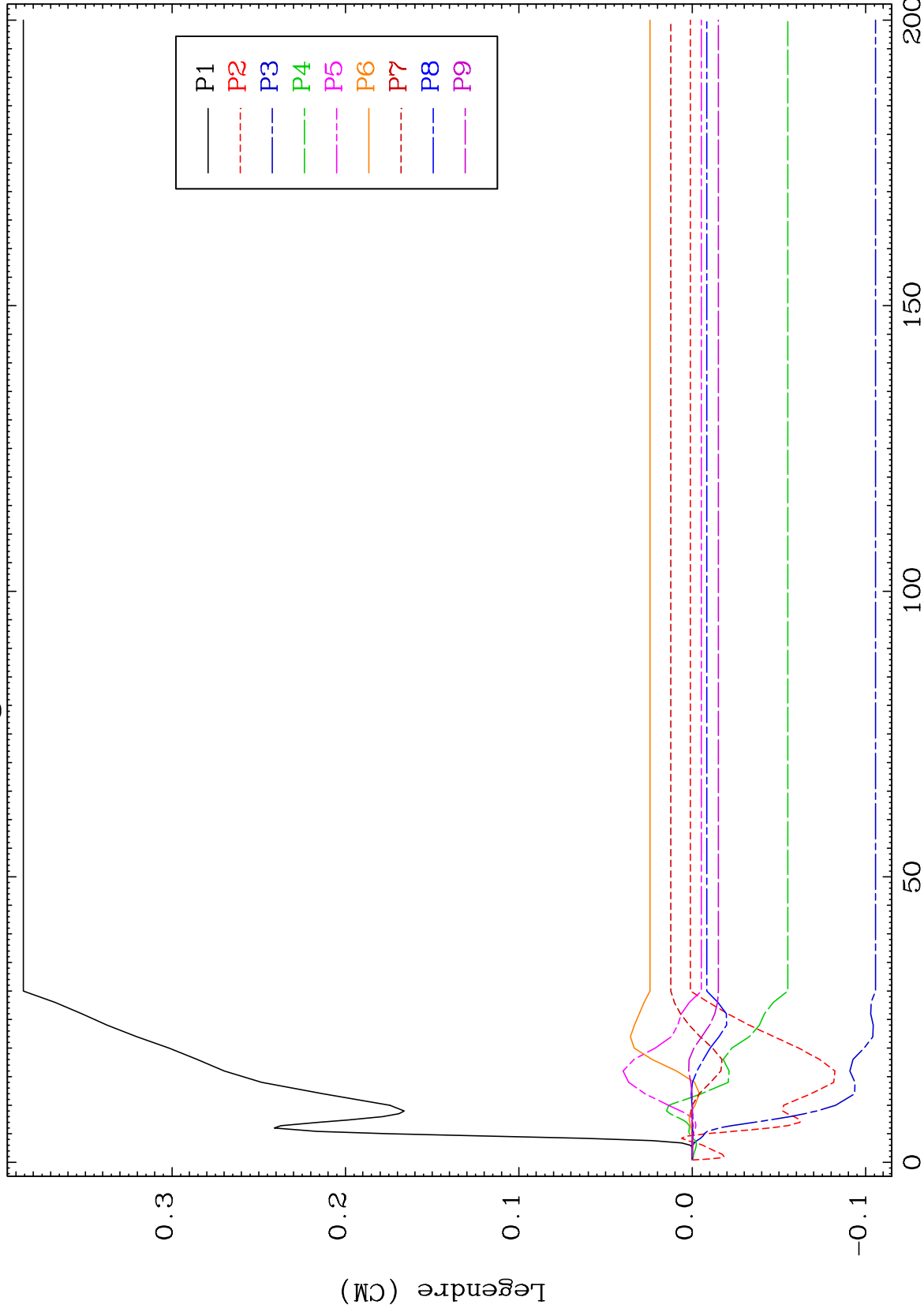
61

71-Lu-176

MAT 7128

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

71-Lu-176



62

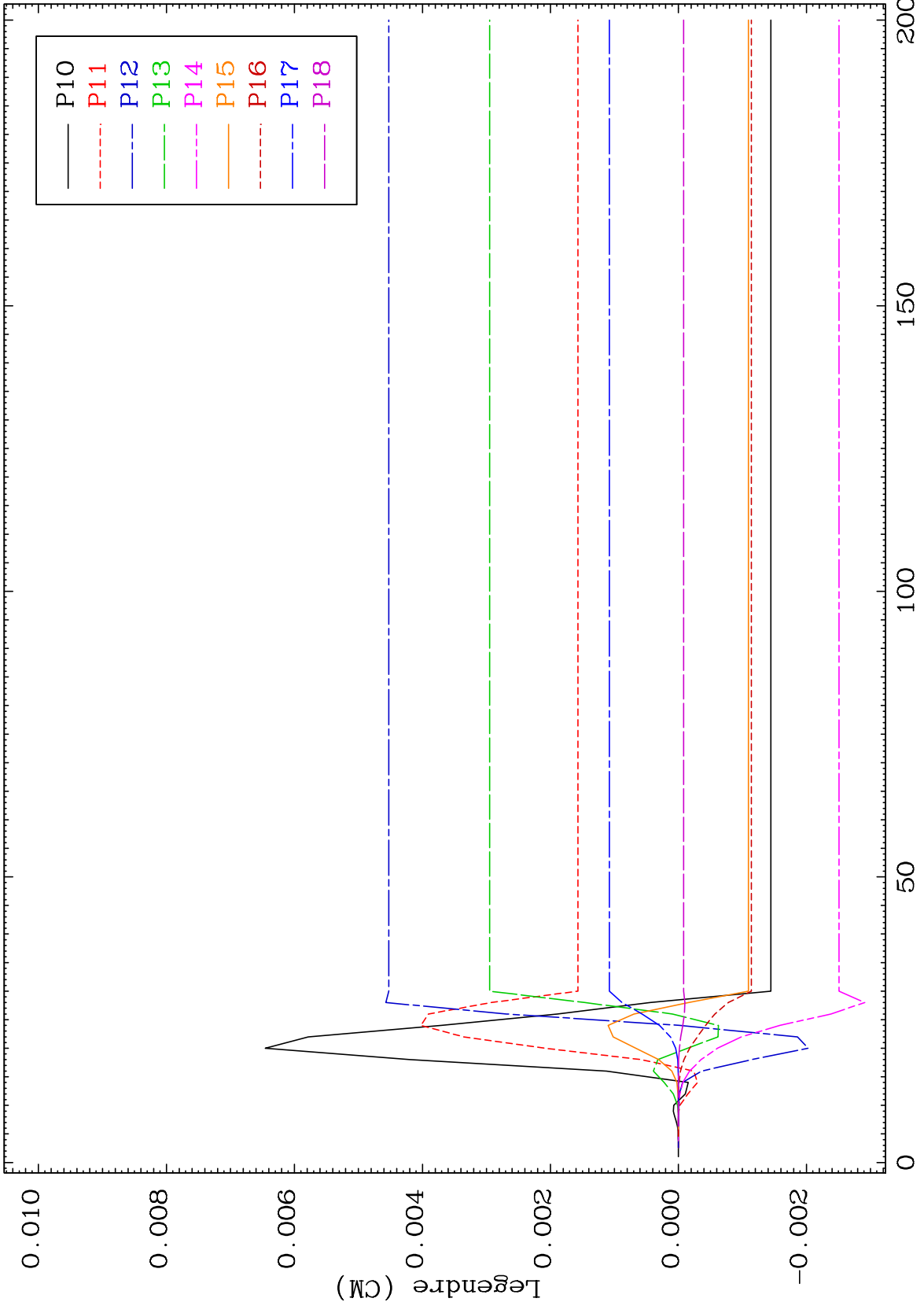
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



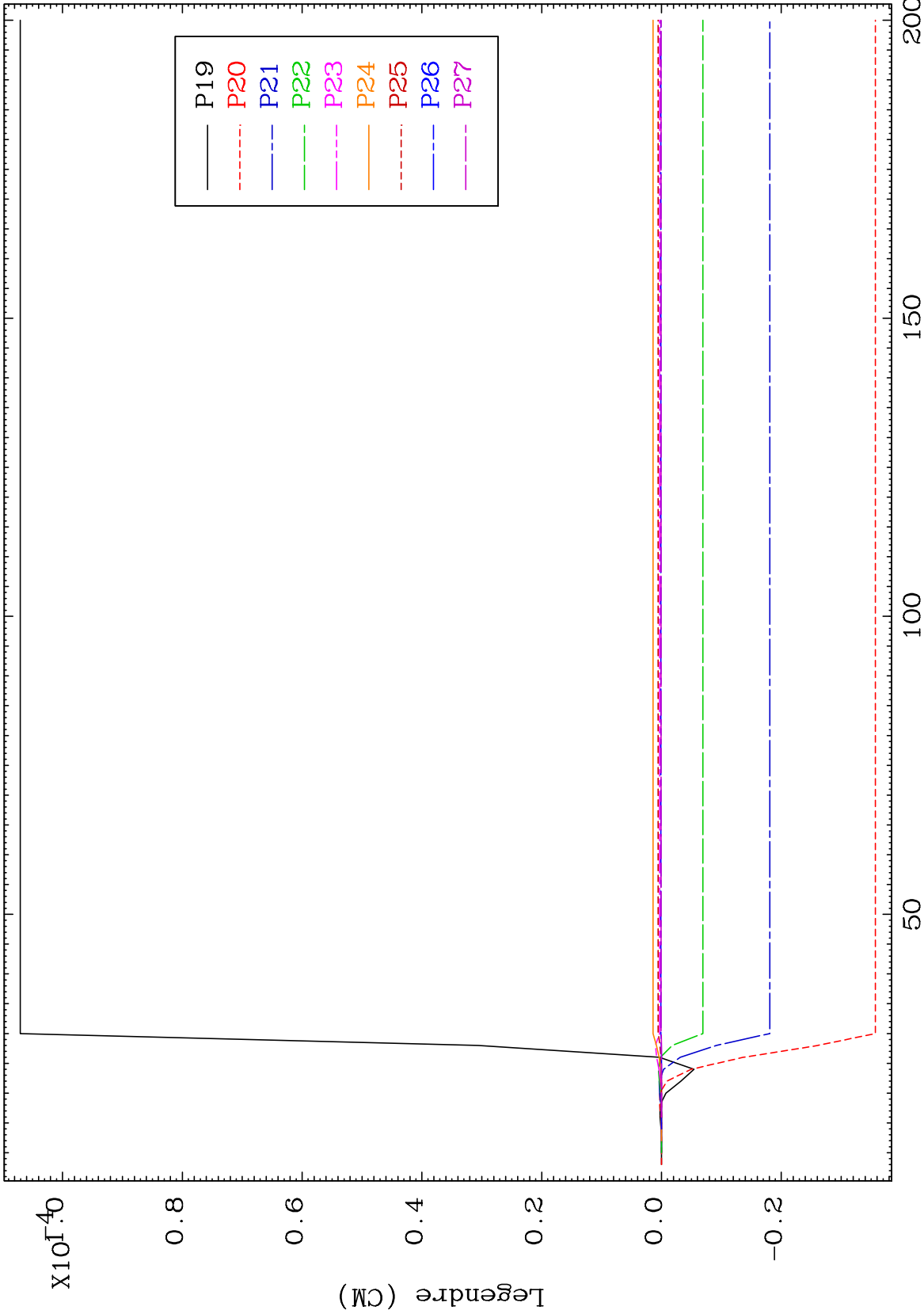
63

71-Lu-176

MAT 7128

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

71-Lu-176



64

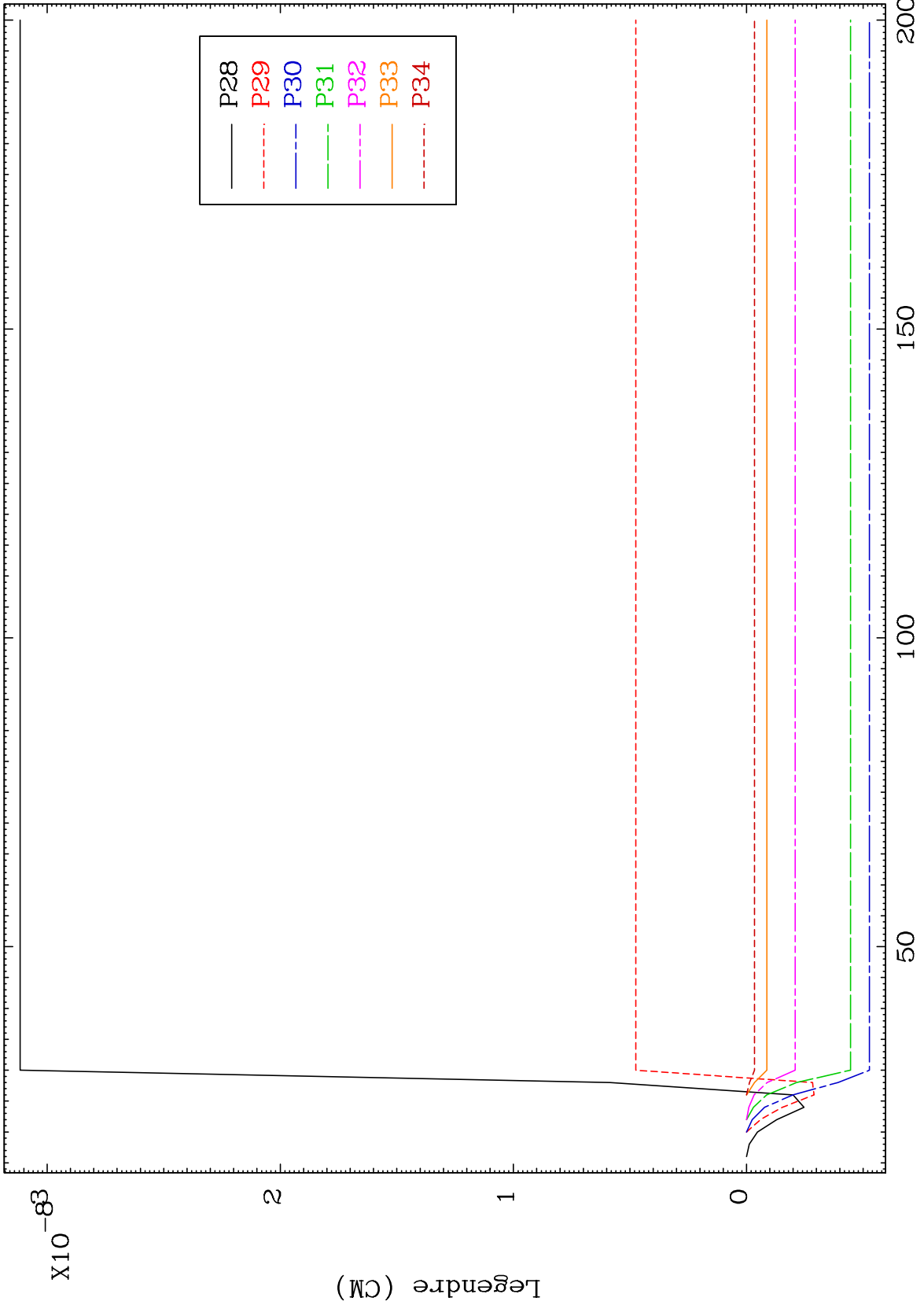
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



65

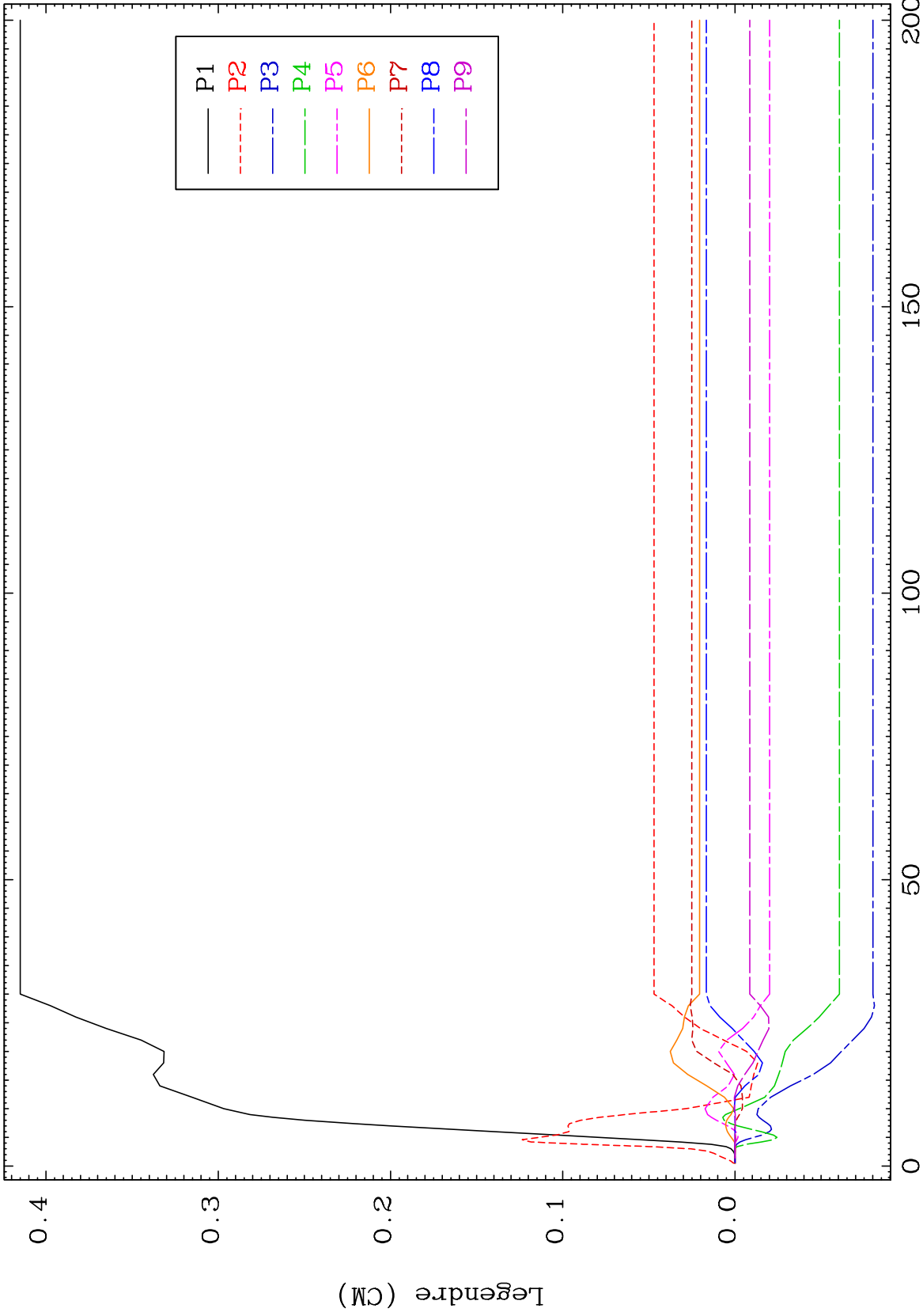
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



66

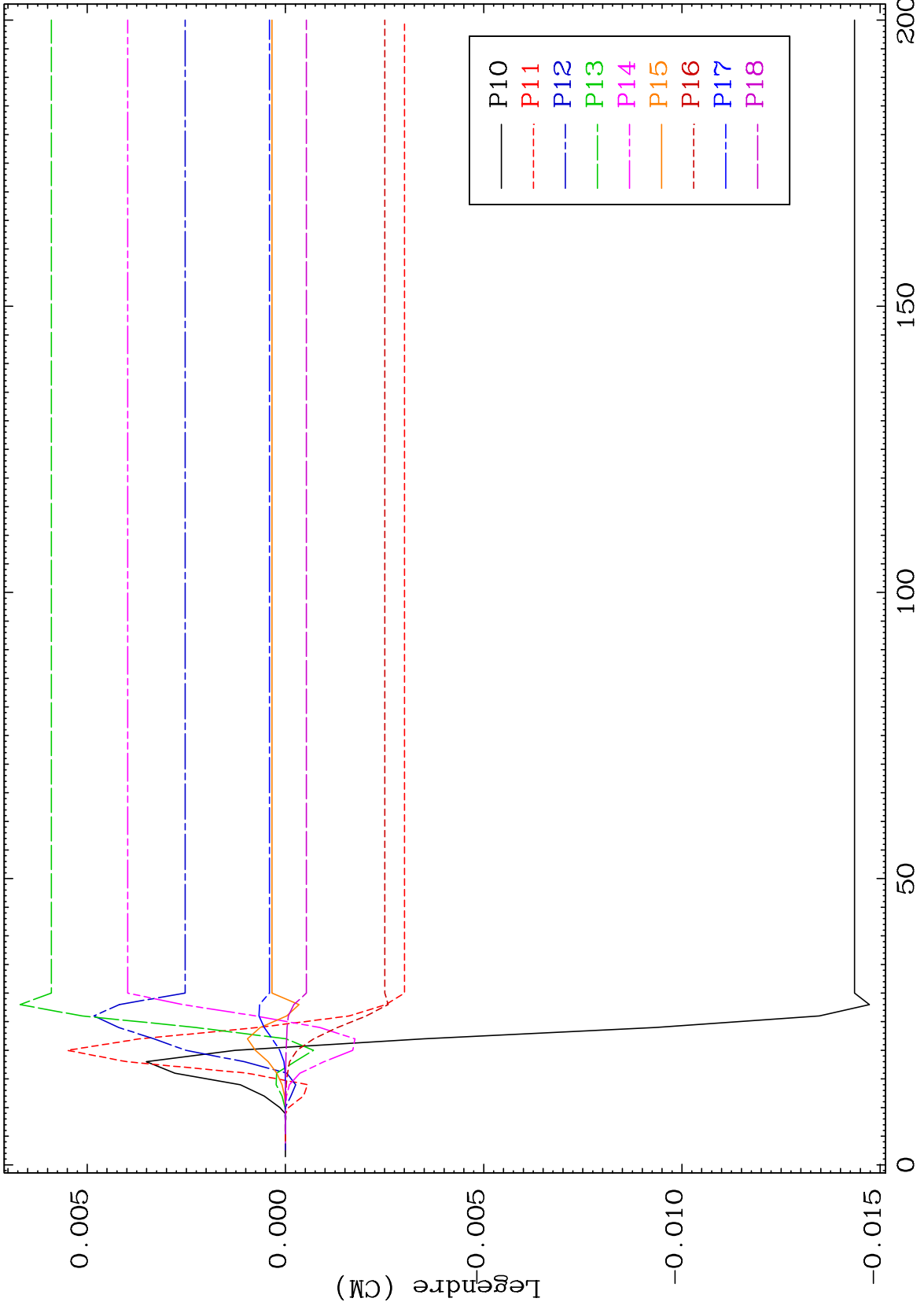
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



67

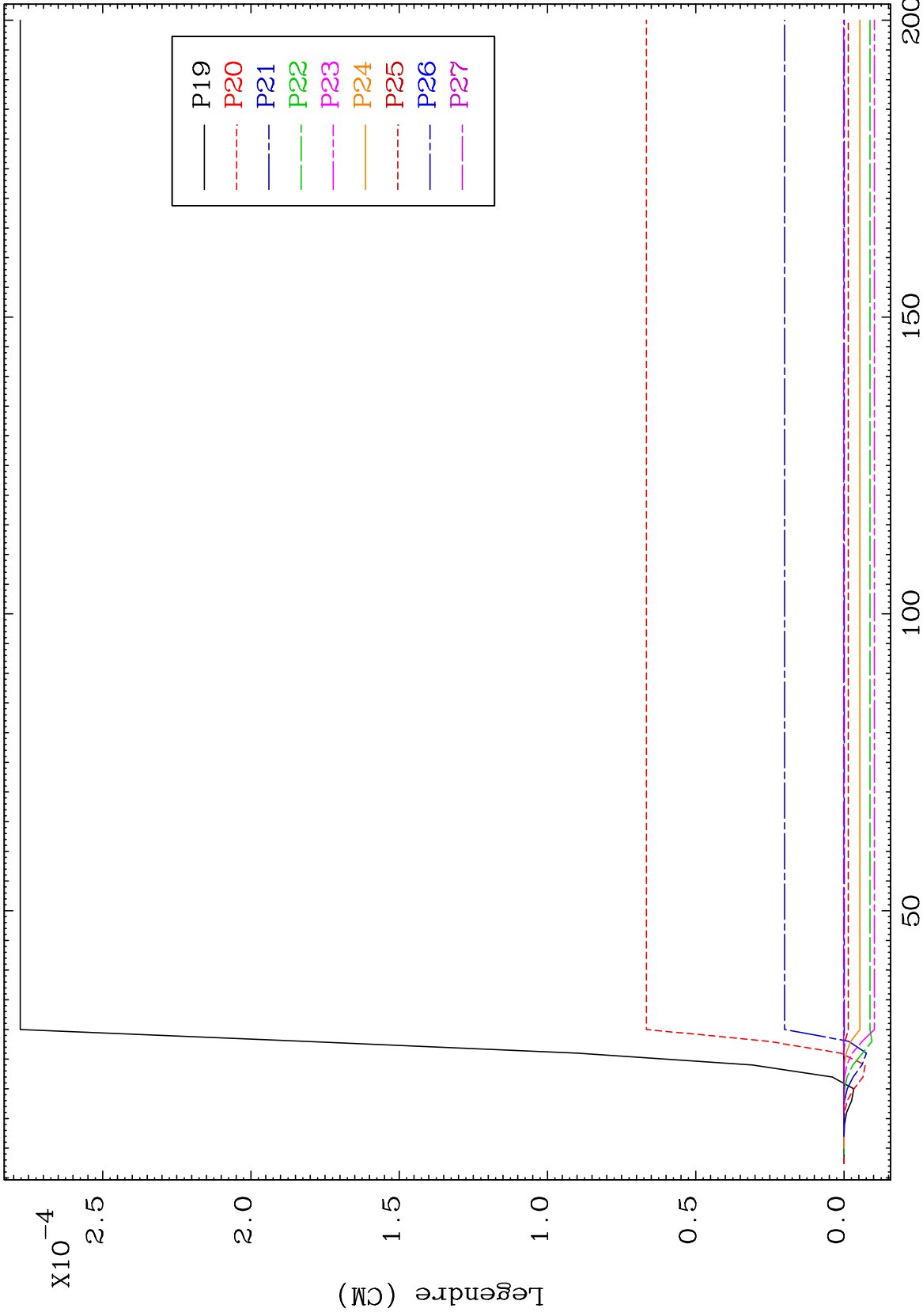
Incident Energy (MeV)

71-Lu-176

MAT 7128

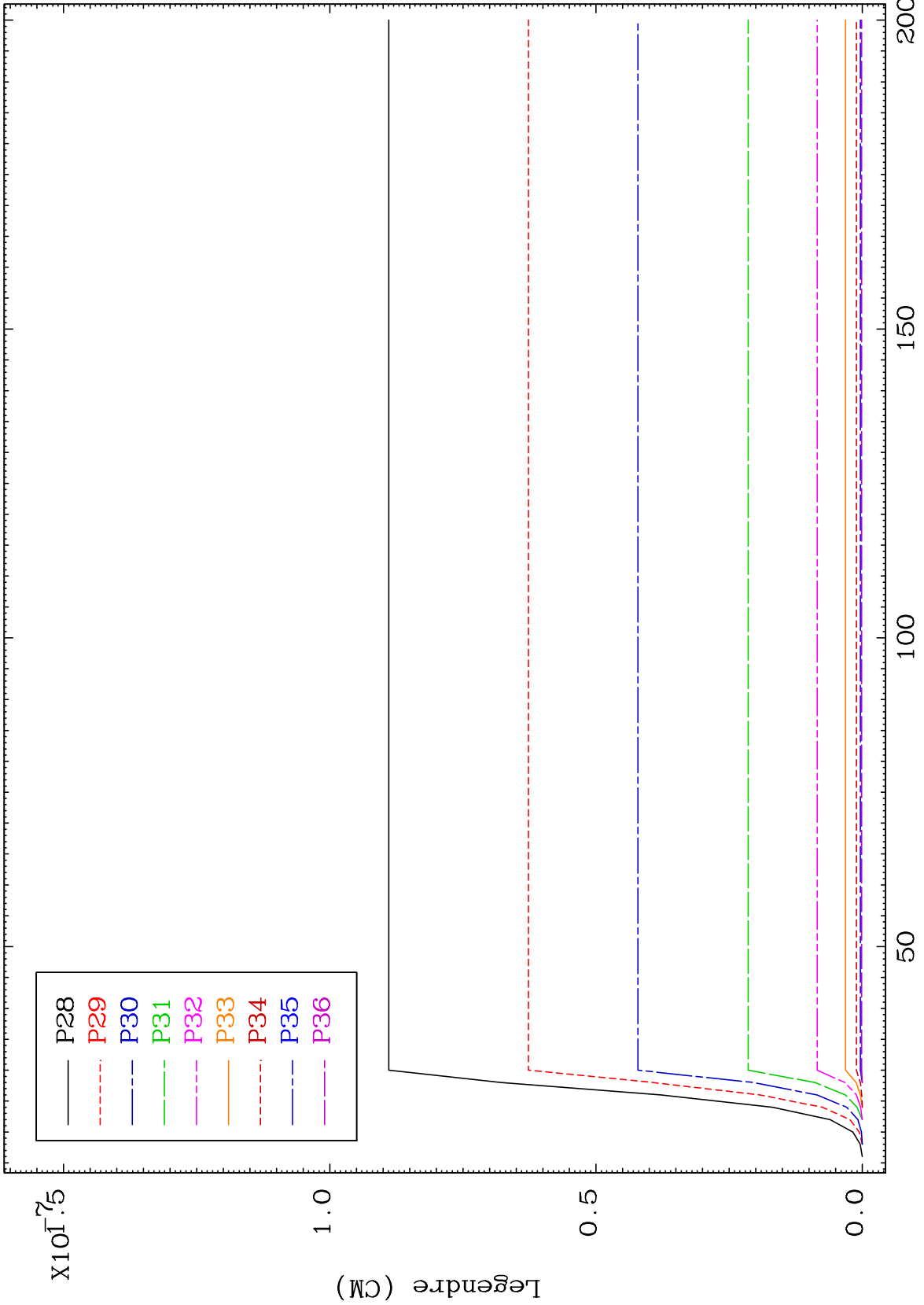
MT= 64 (n,n') Level
Legendre Coefficients

71-Lu-176



68

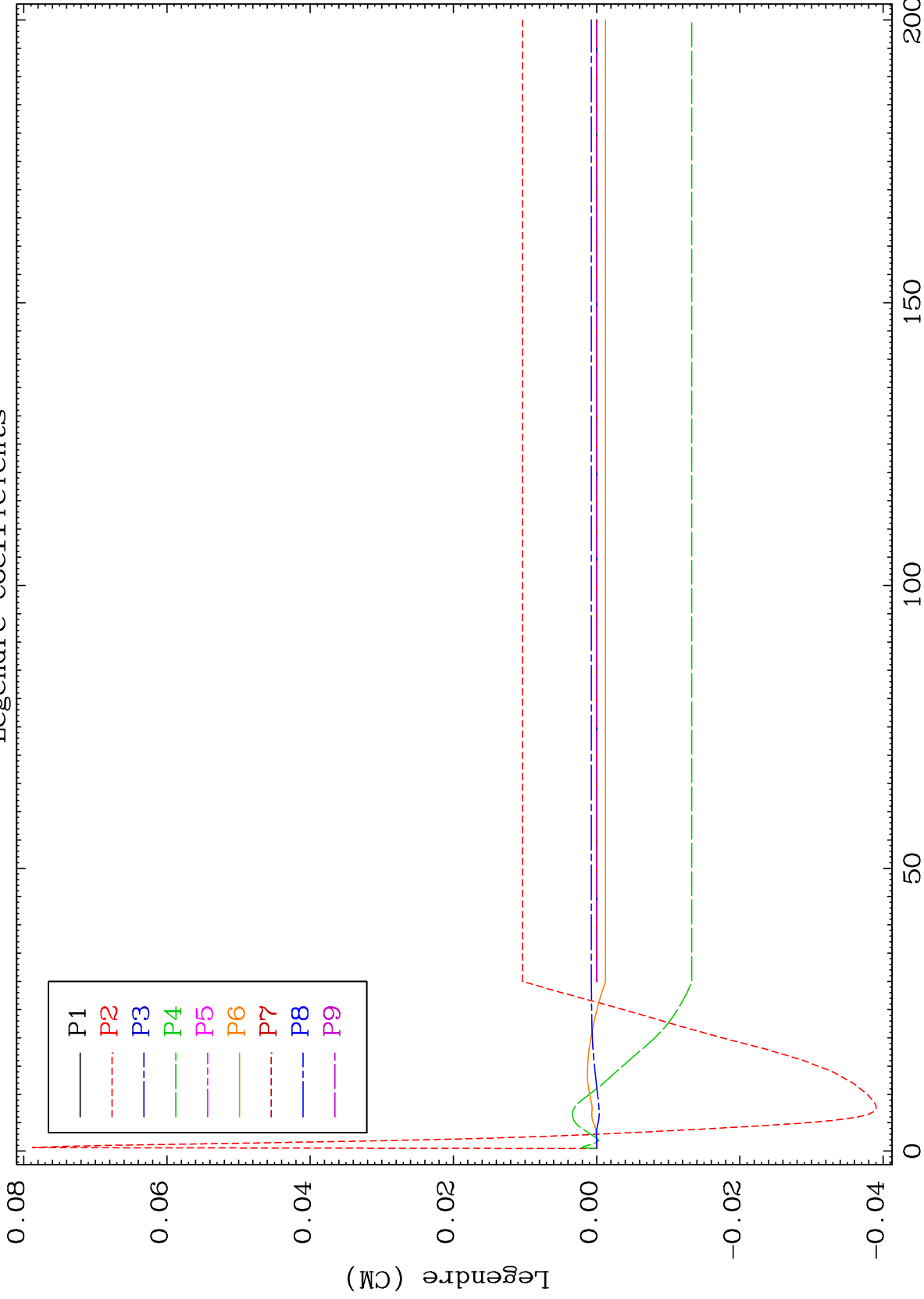
71-Lu-176



MAT 7128

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

71-Lu-176



71-Lu-176

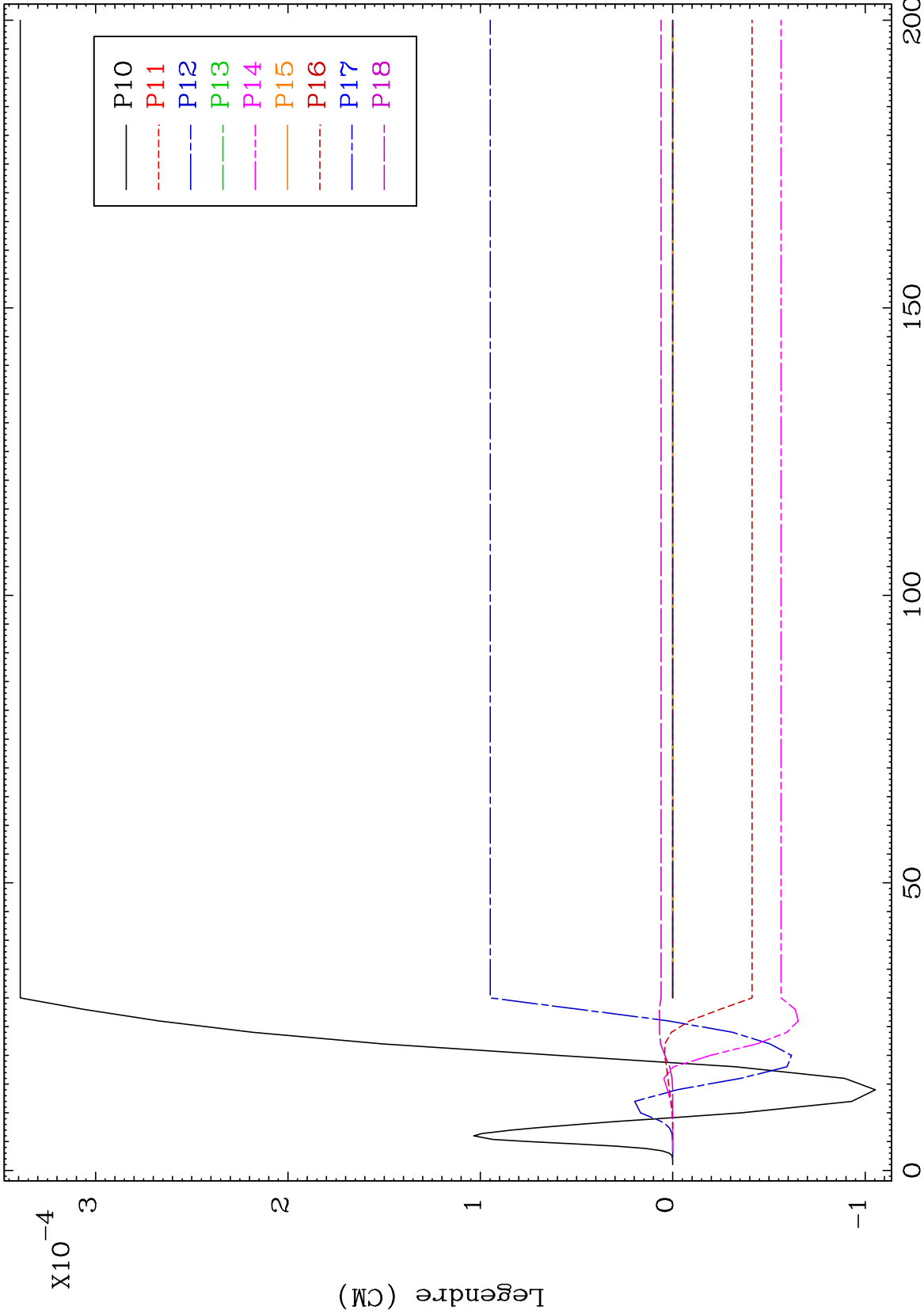
Incident Energy (MeV)

70

MAT 7128

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

71-Lu-176



71

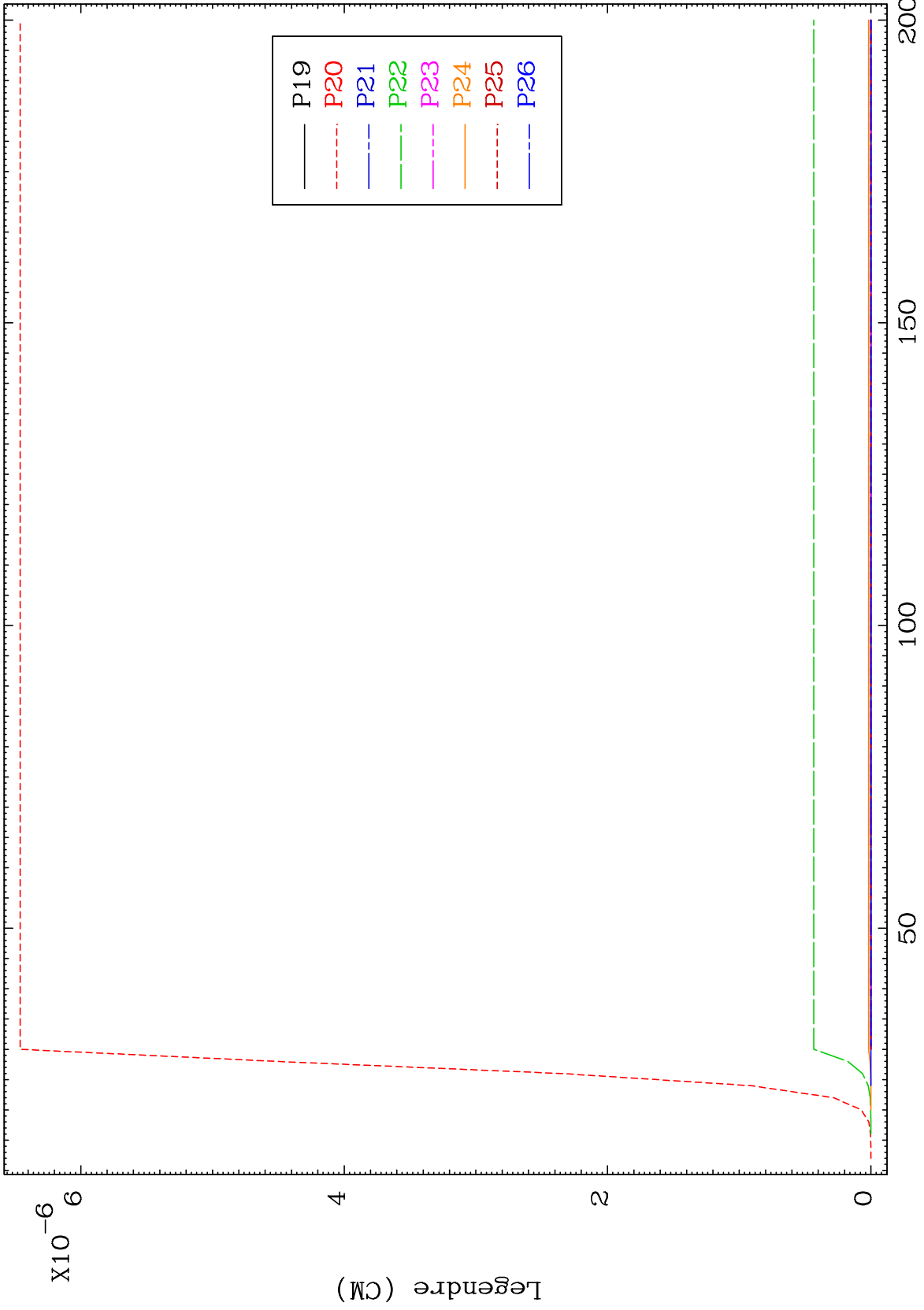
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



72

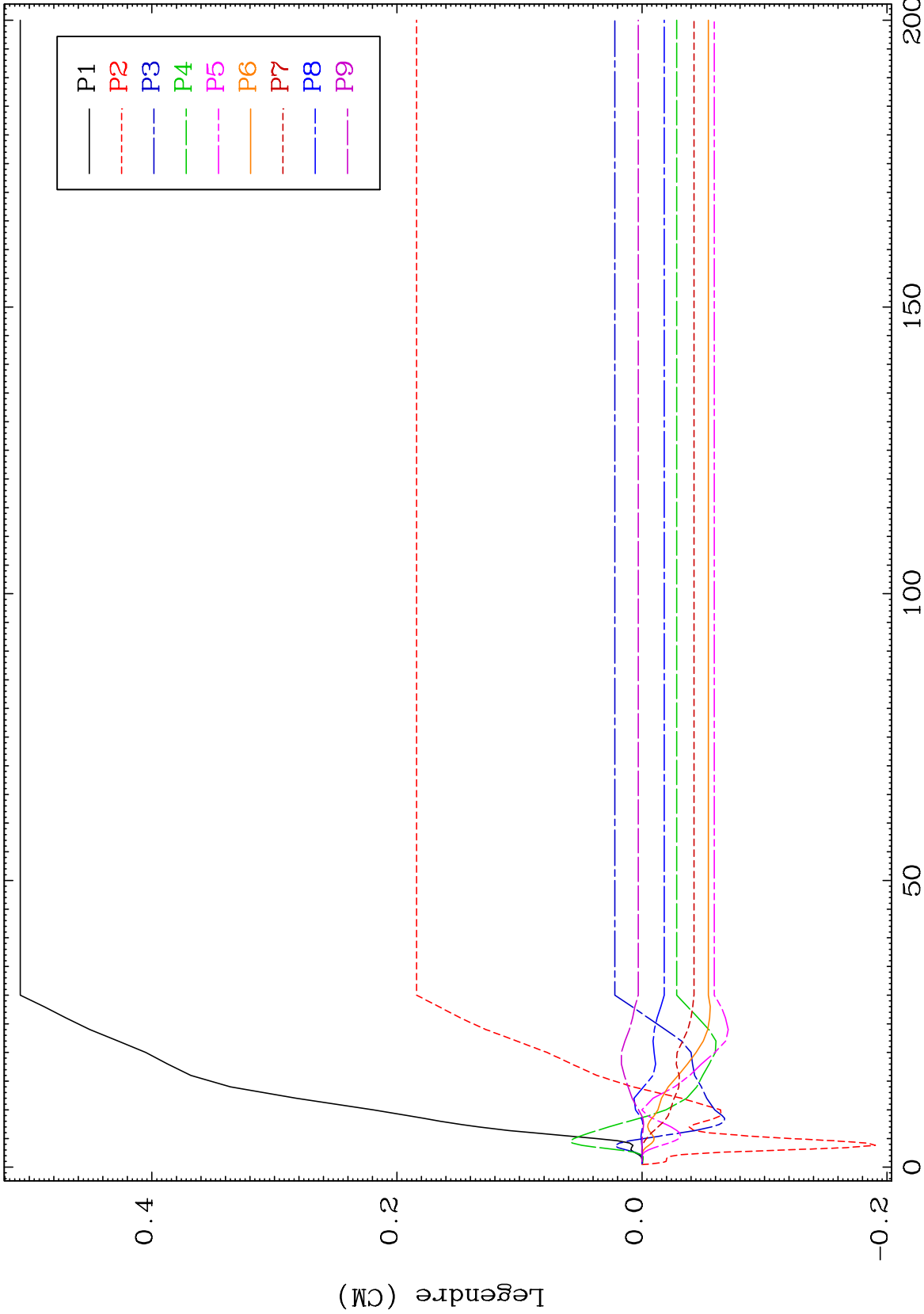
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



73

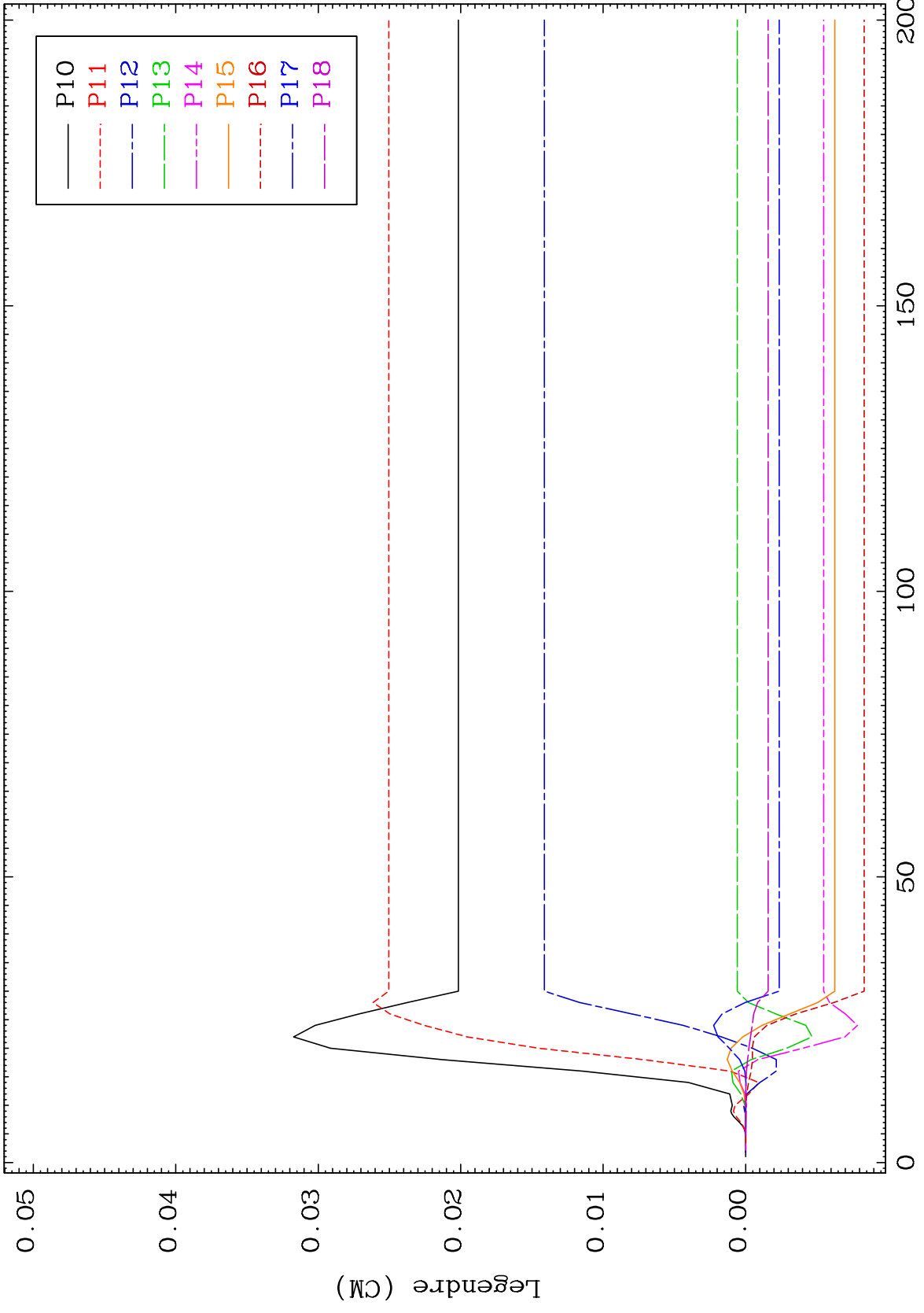
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



74

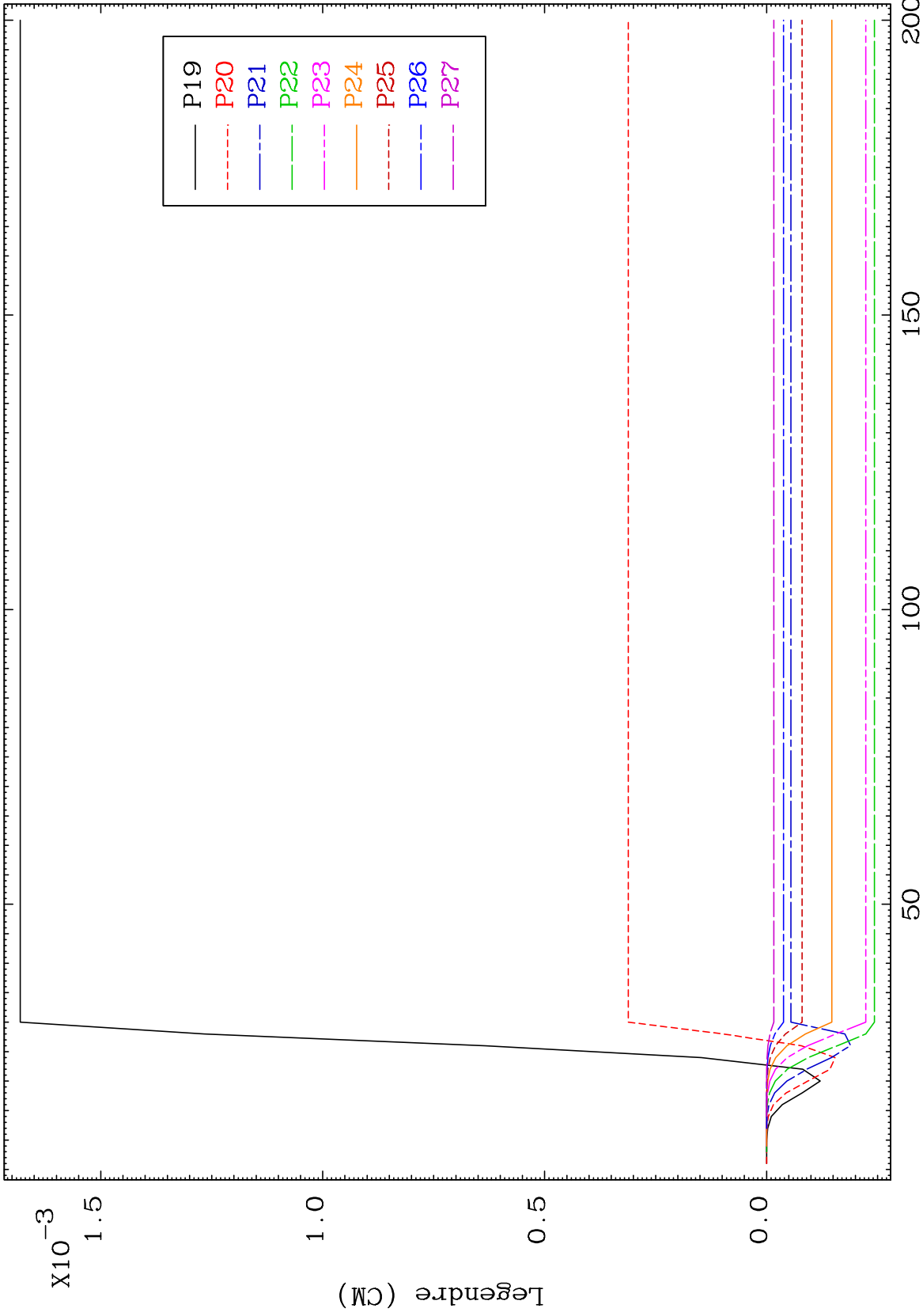
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



75

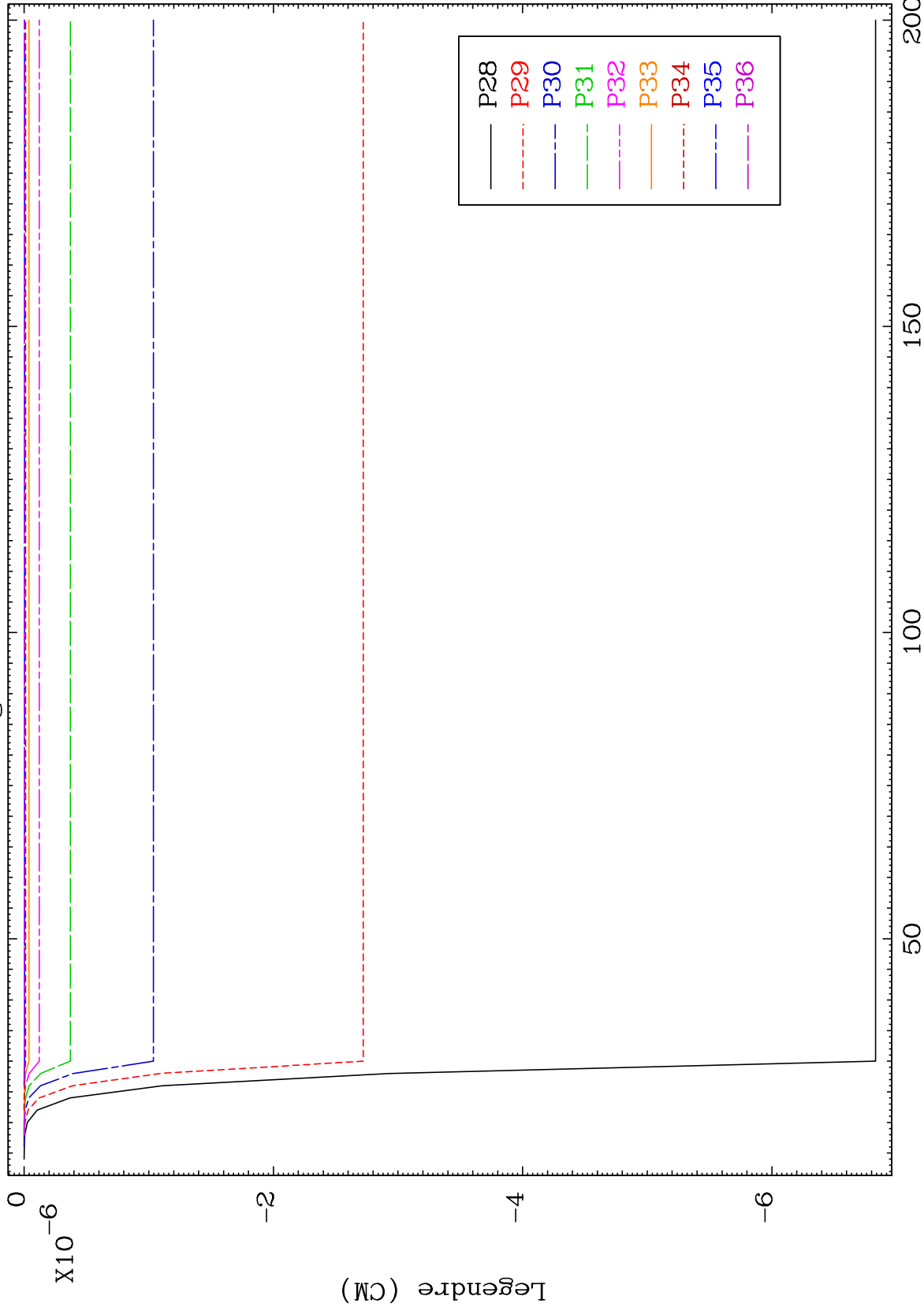
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



71-Lu-176

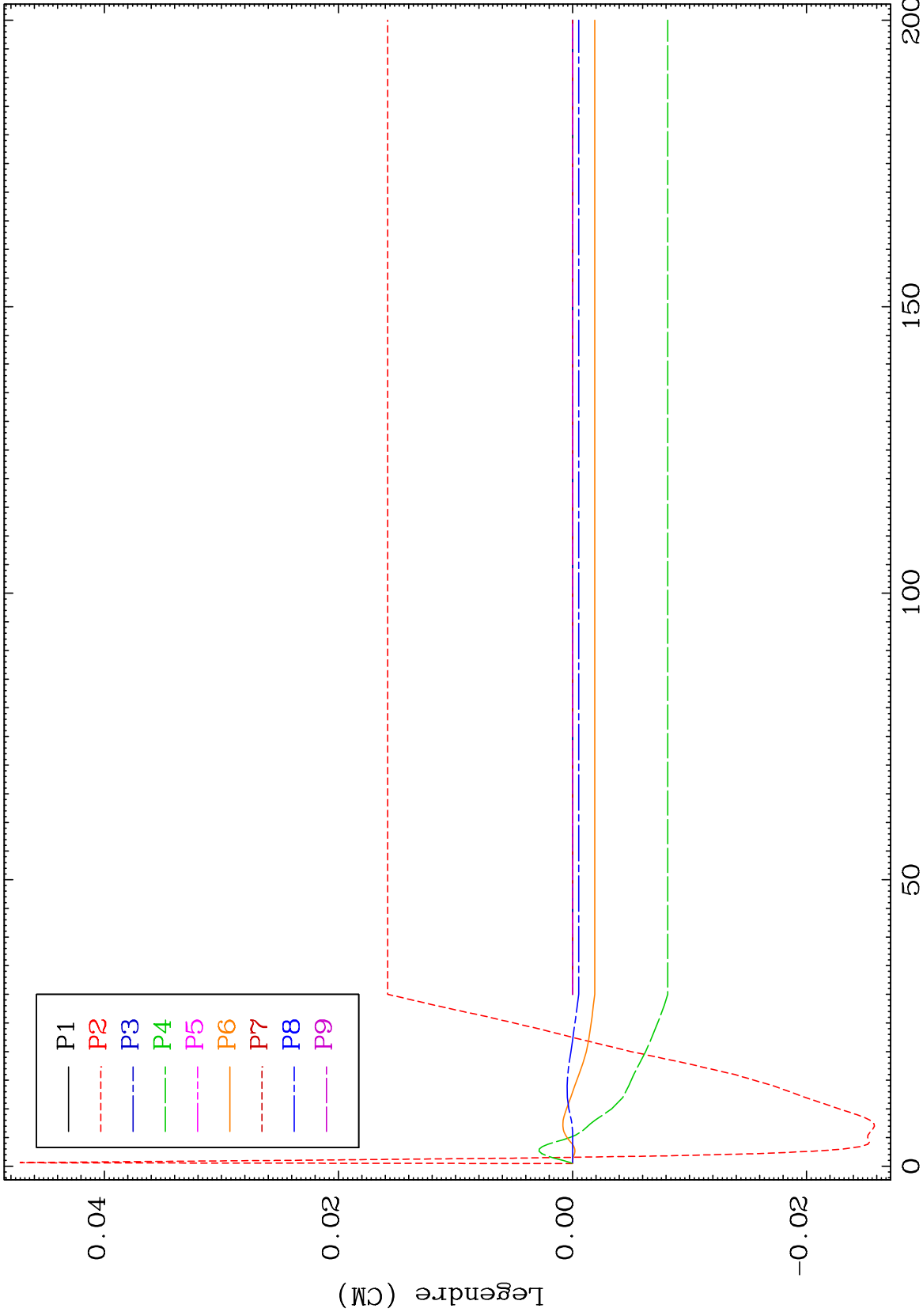
Incident Energy (MeV)

76

MAT 7128

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

71-Lu-176



77

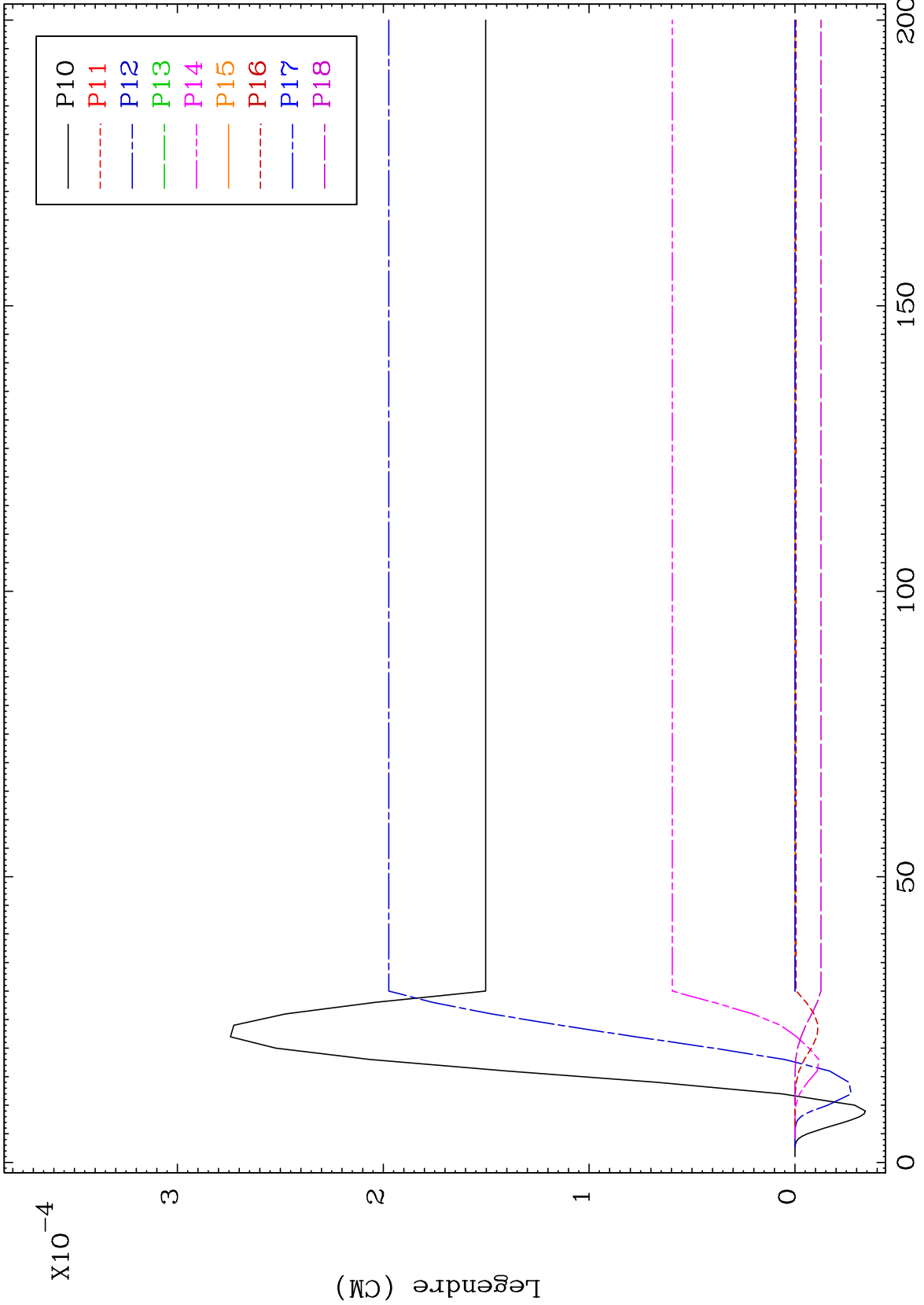
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



78

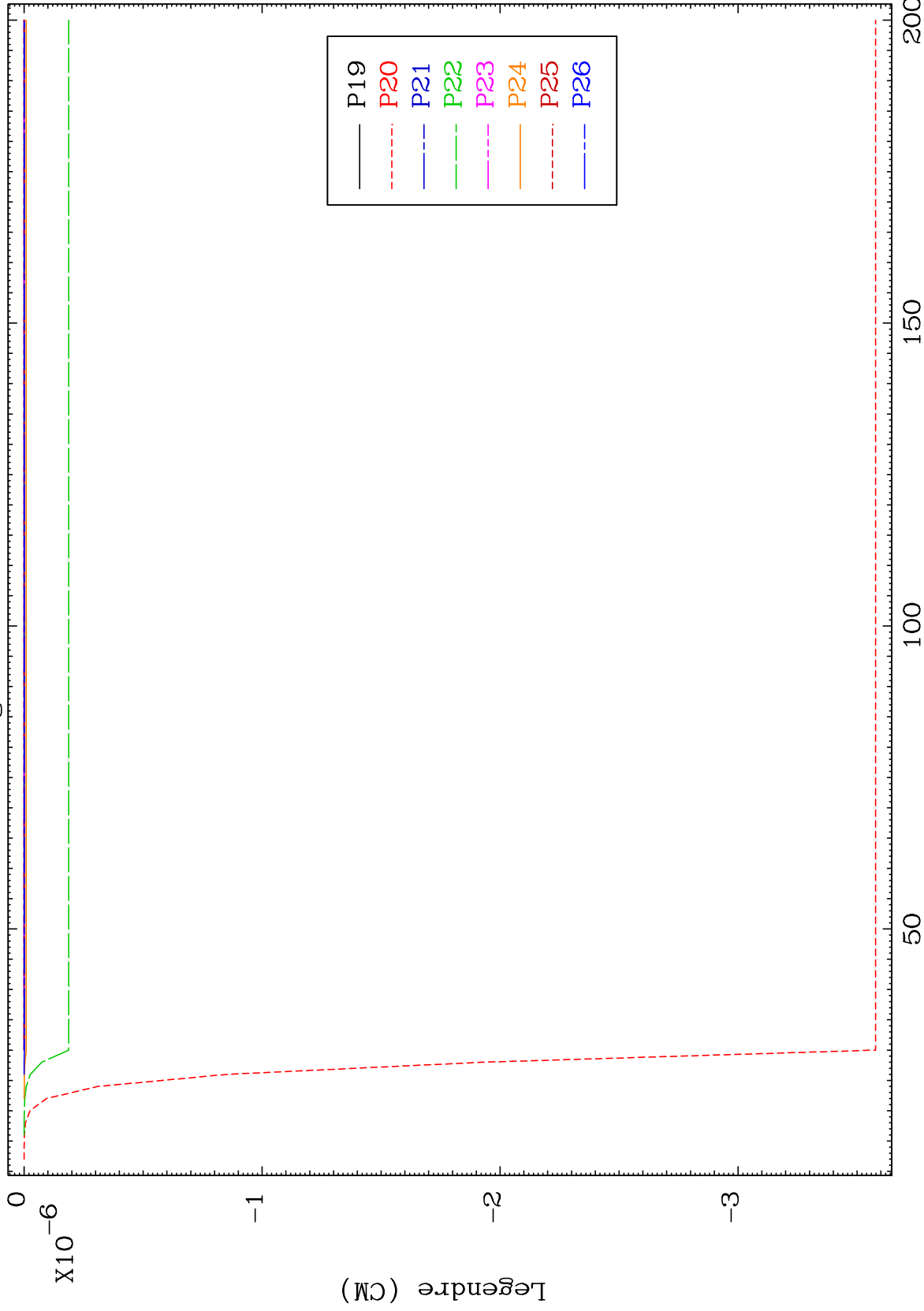
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



79

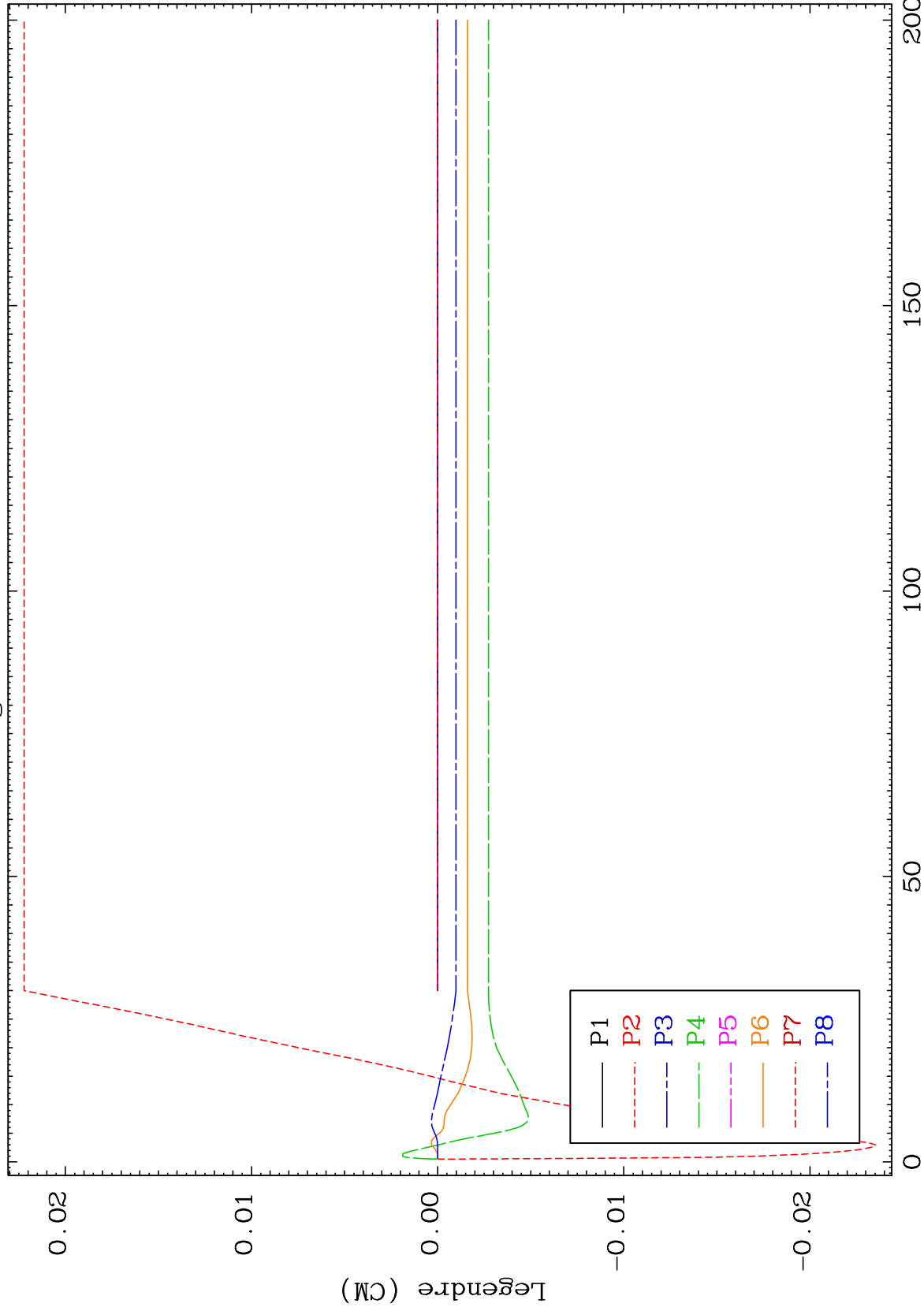
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



80

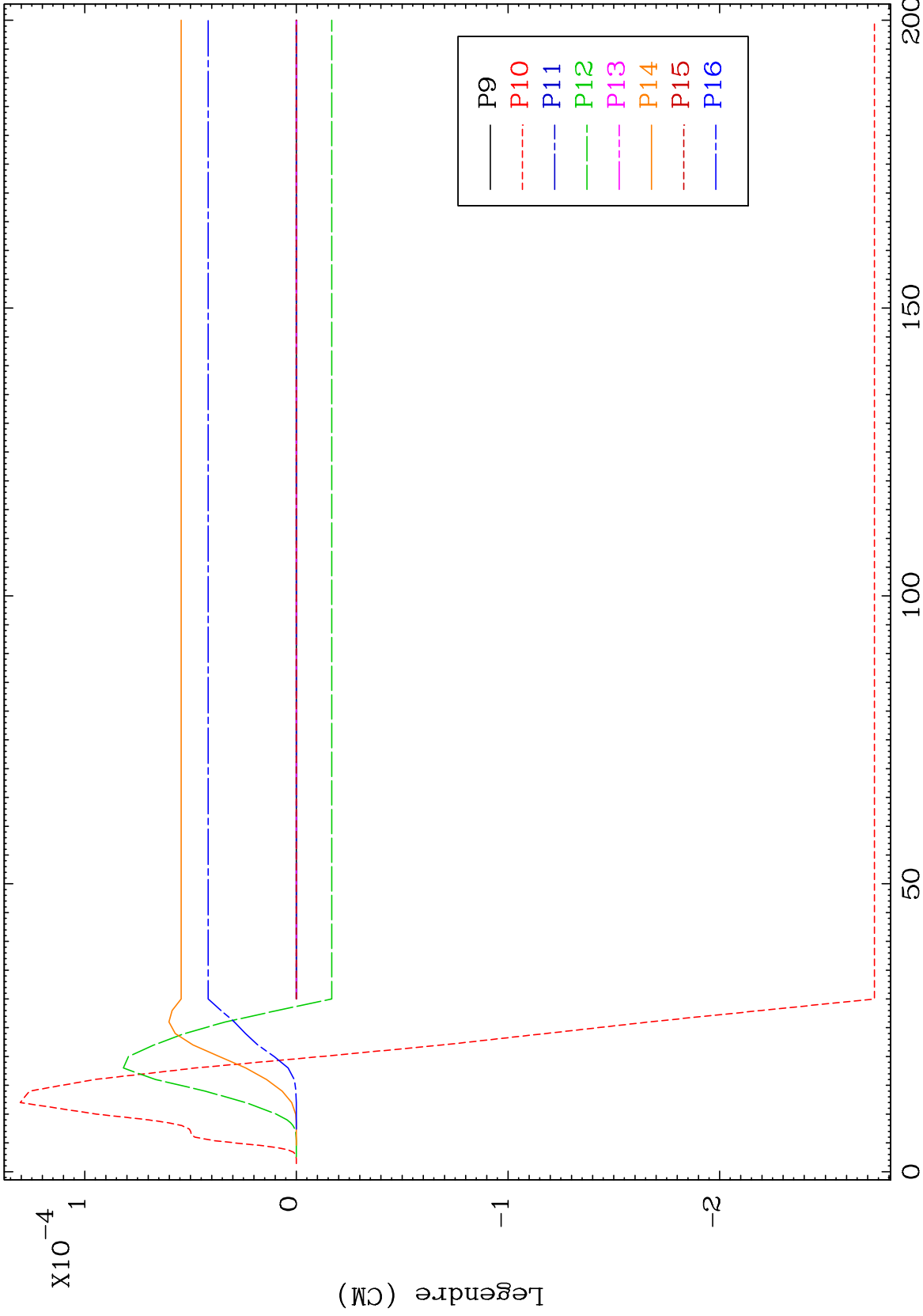
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



81

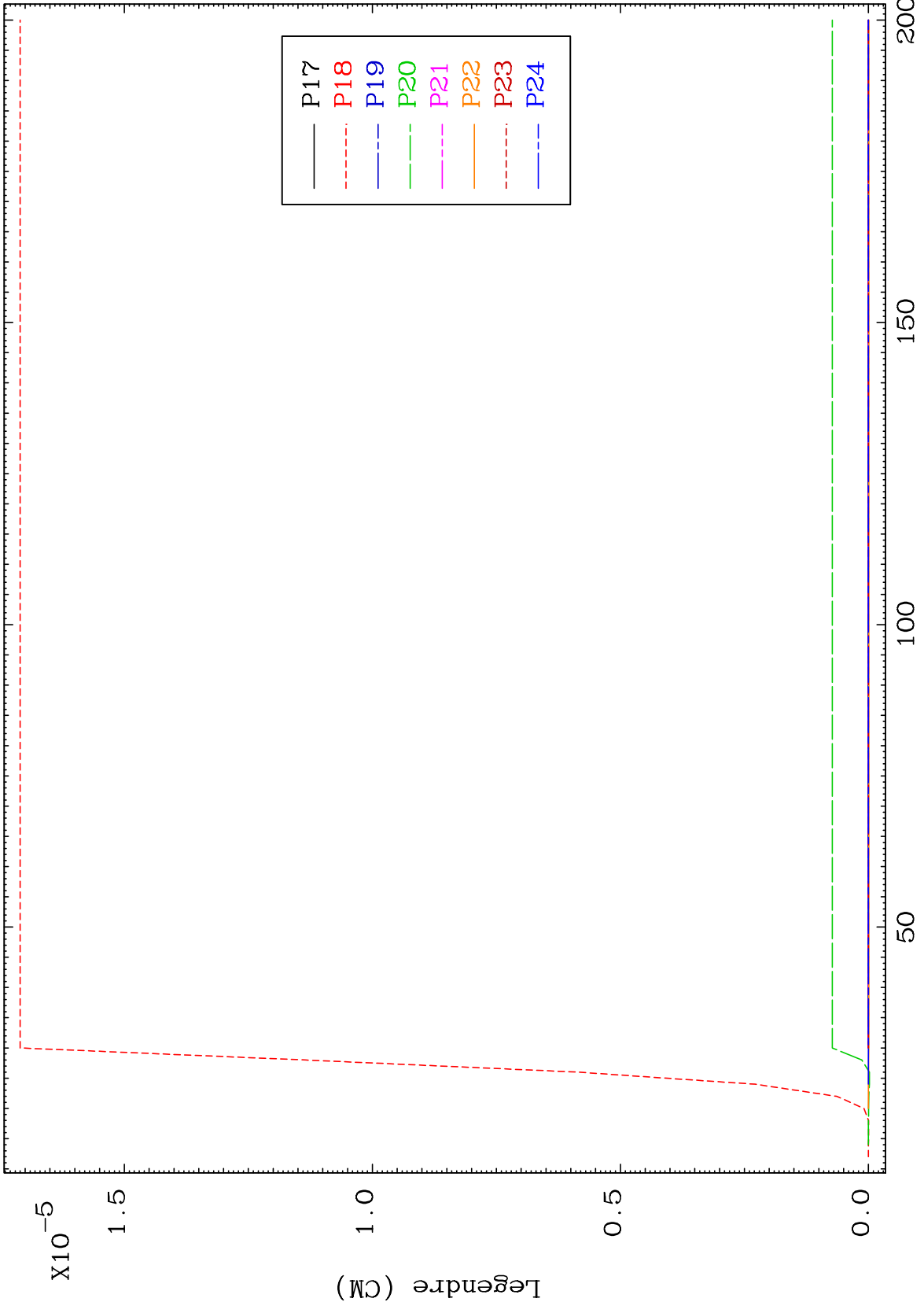
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



82

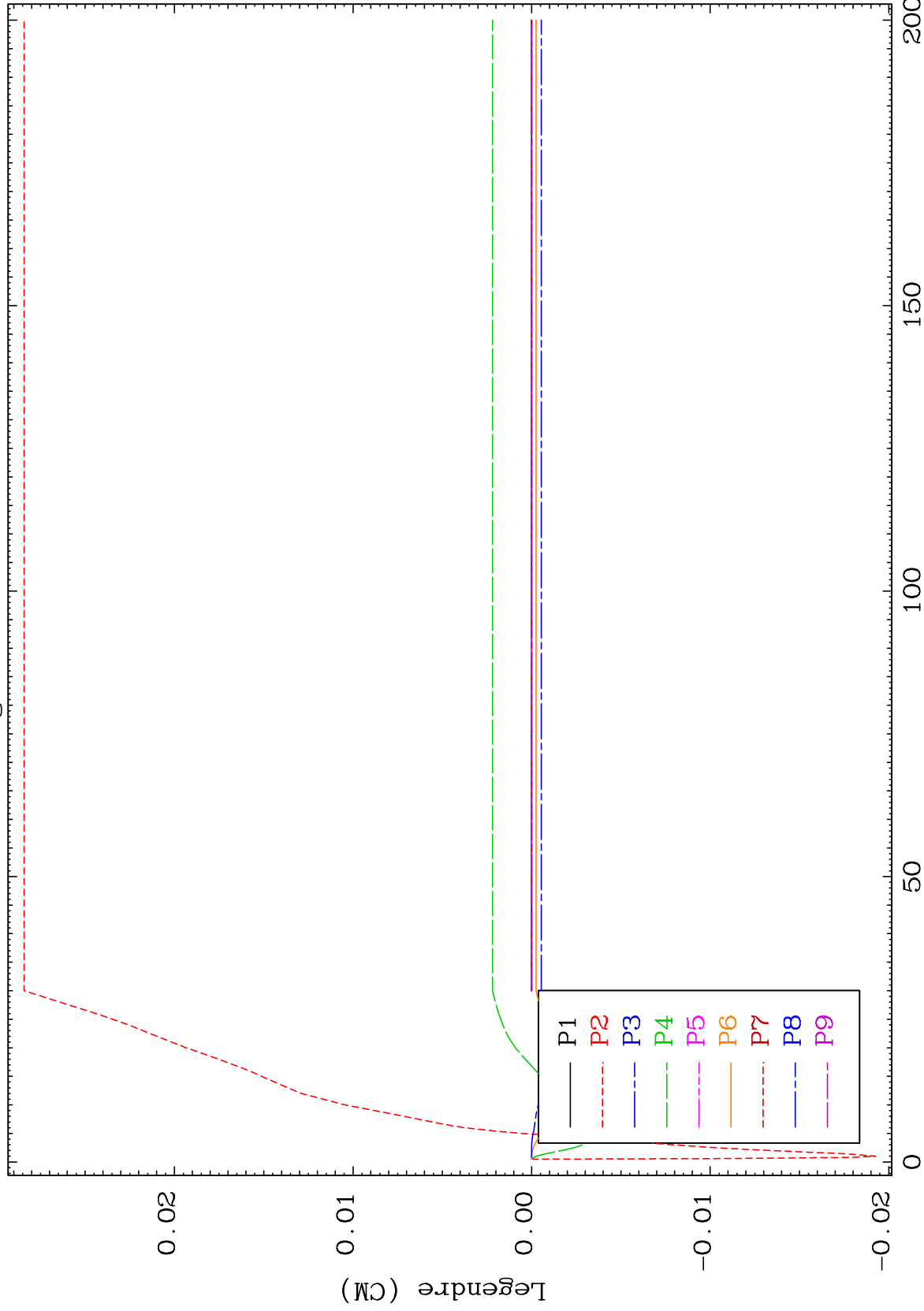
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



83

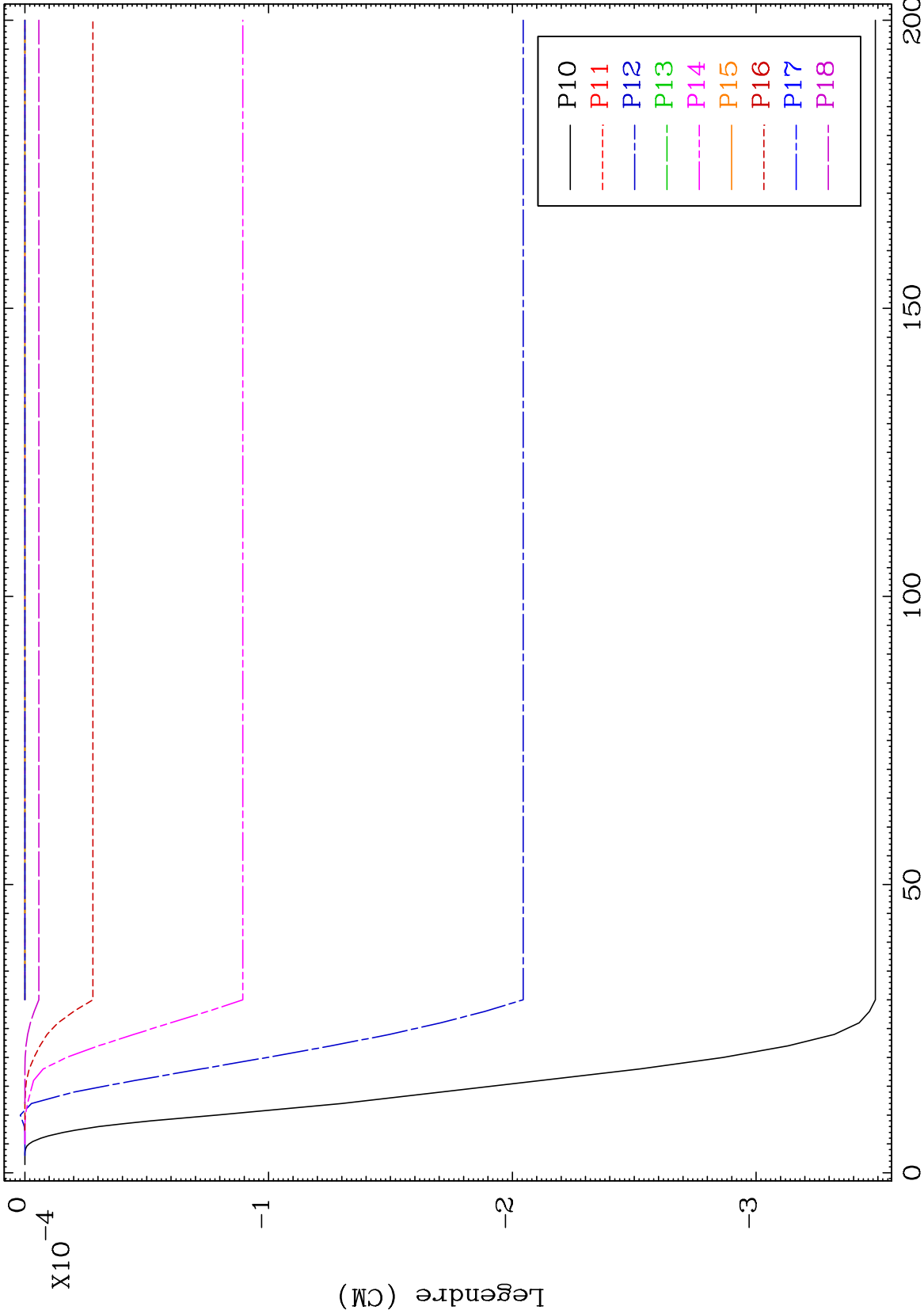
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



84

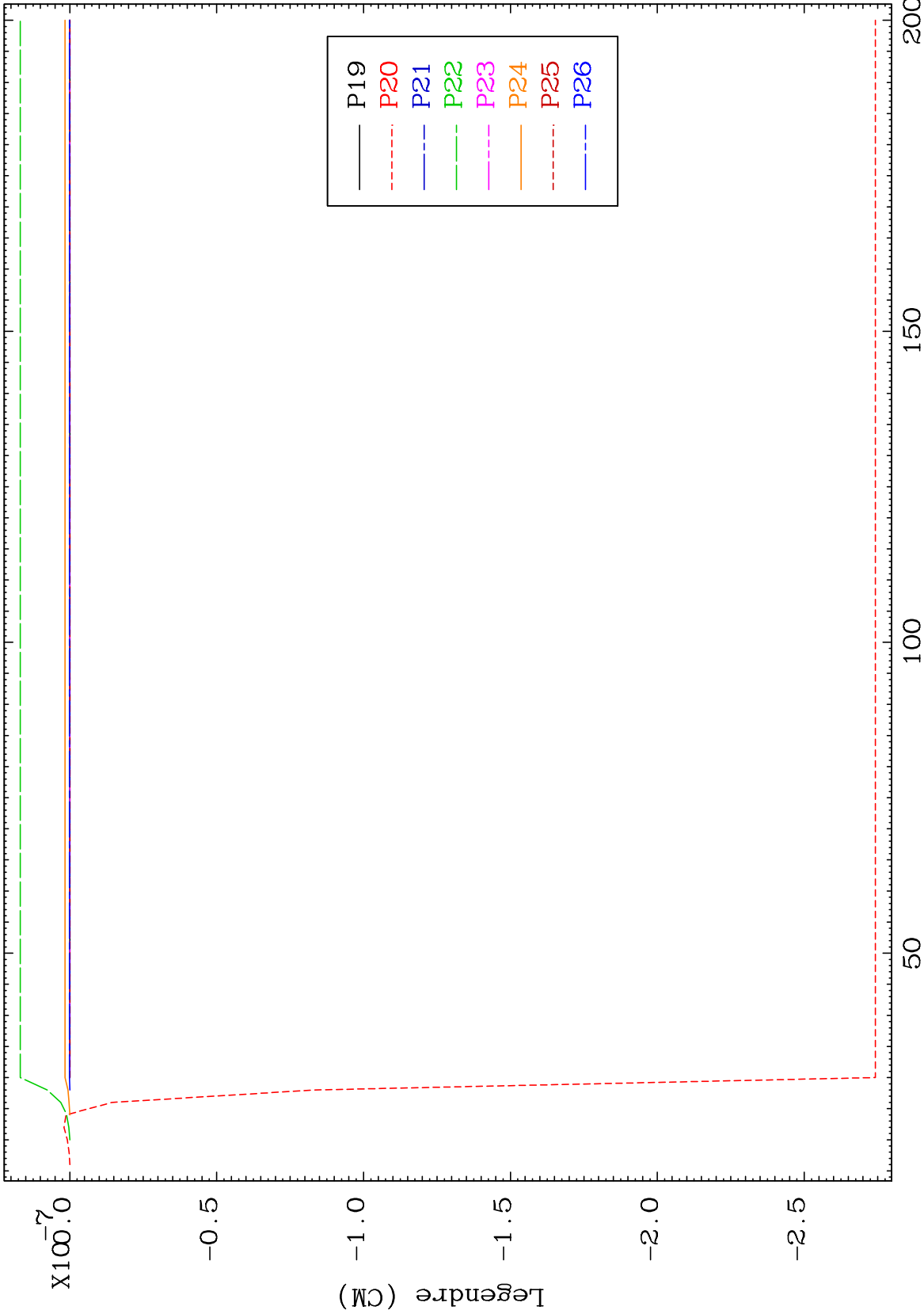
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

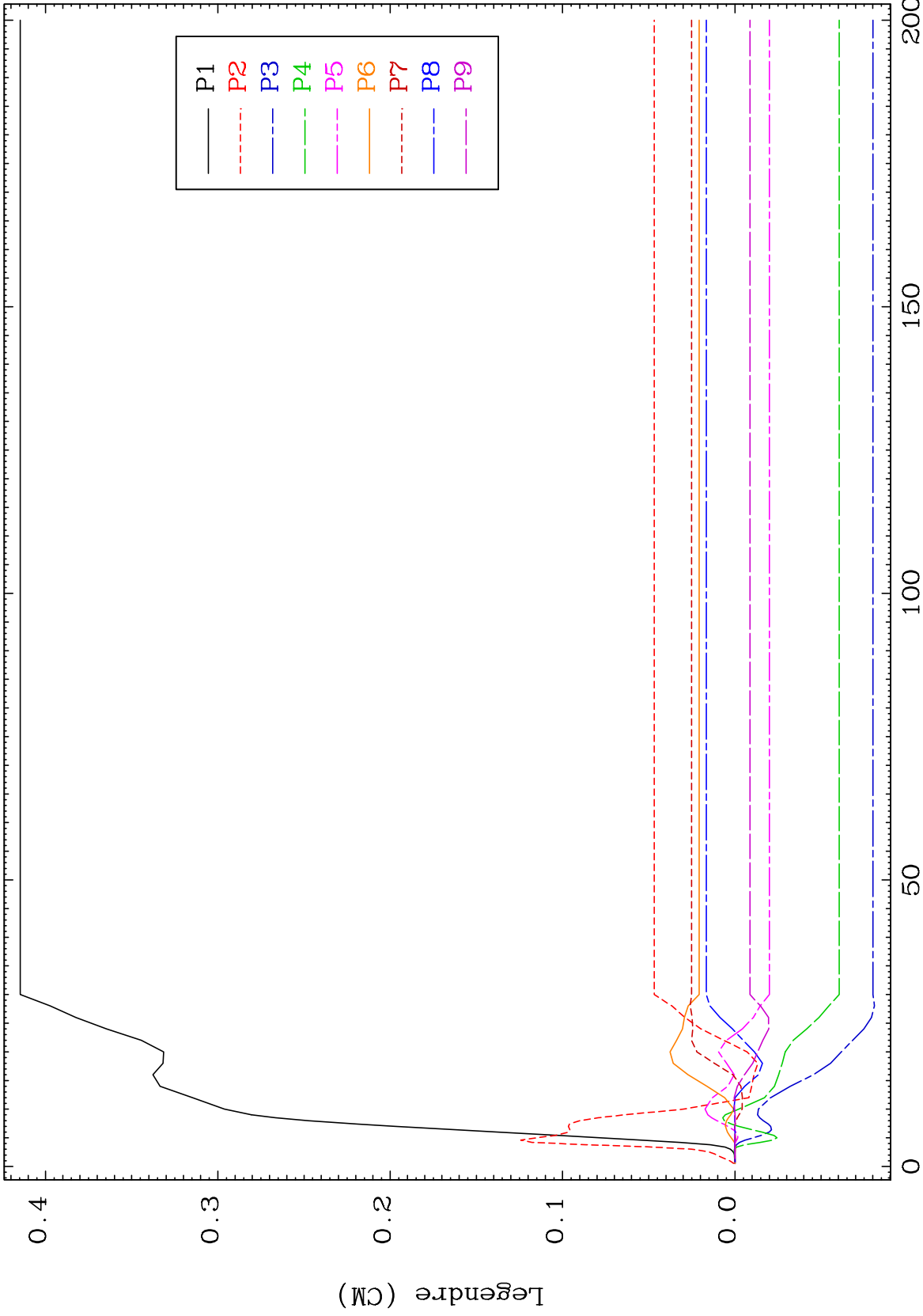
71-Lu-176



85

Incident Energy (MeV)

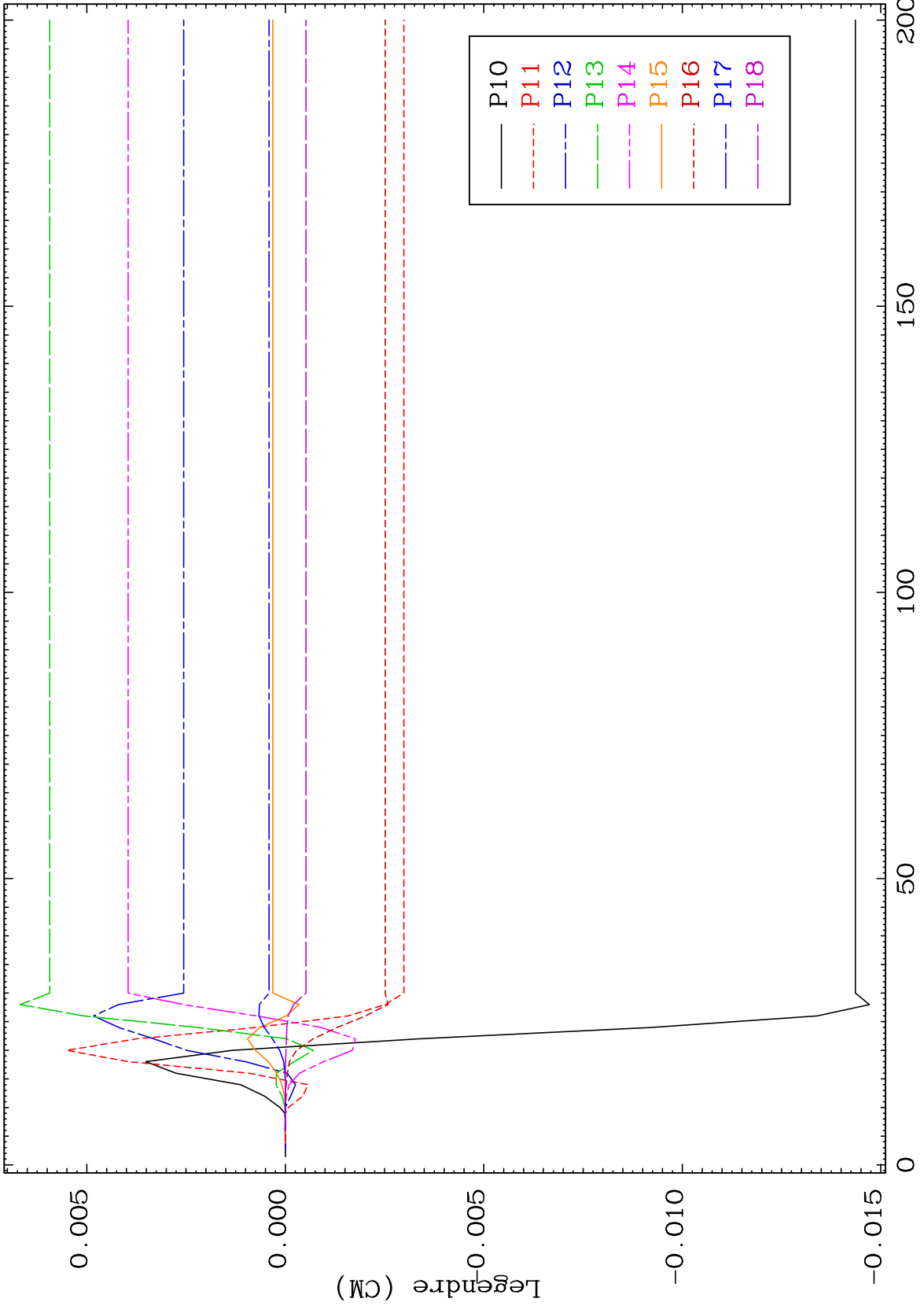
71-Lu-176



MAT 7128

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

71-Lu-176



87

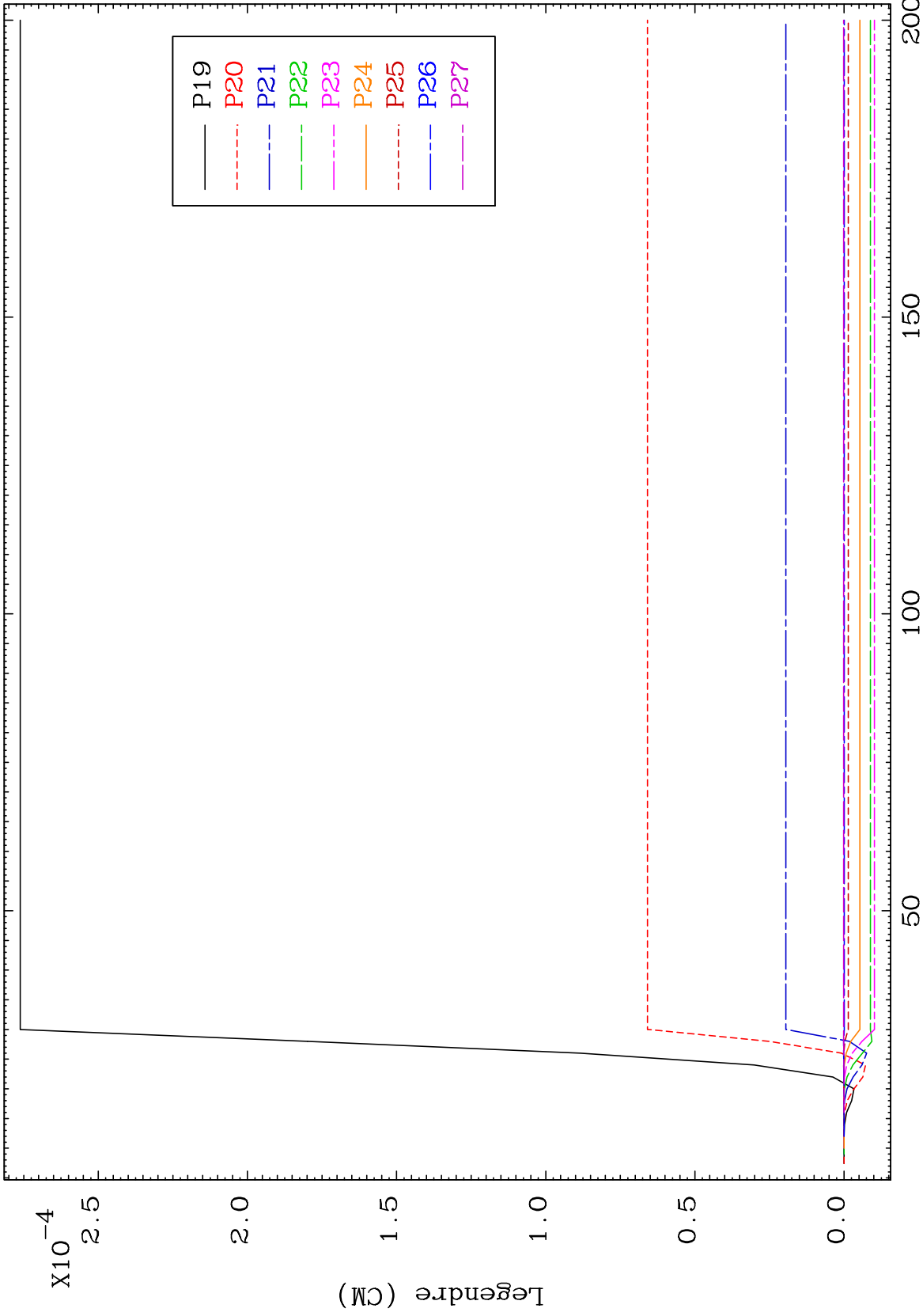
Incident Energy (MeV)

71-Lu-176

MAT 7128

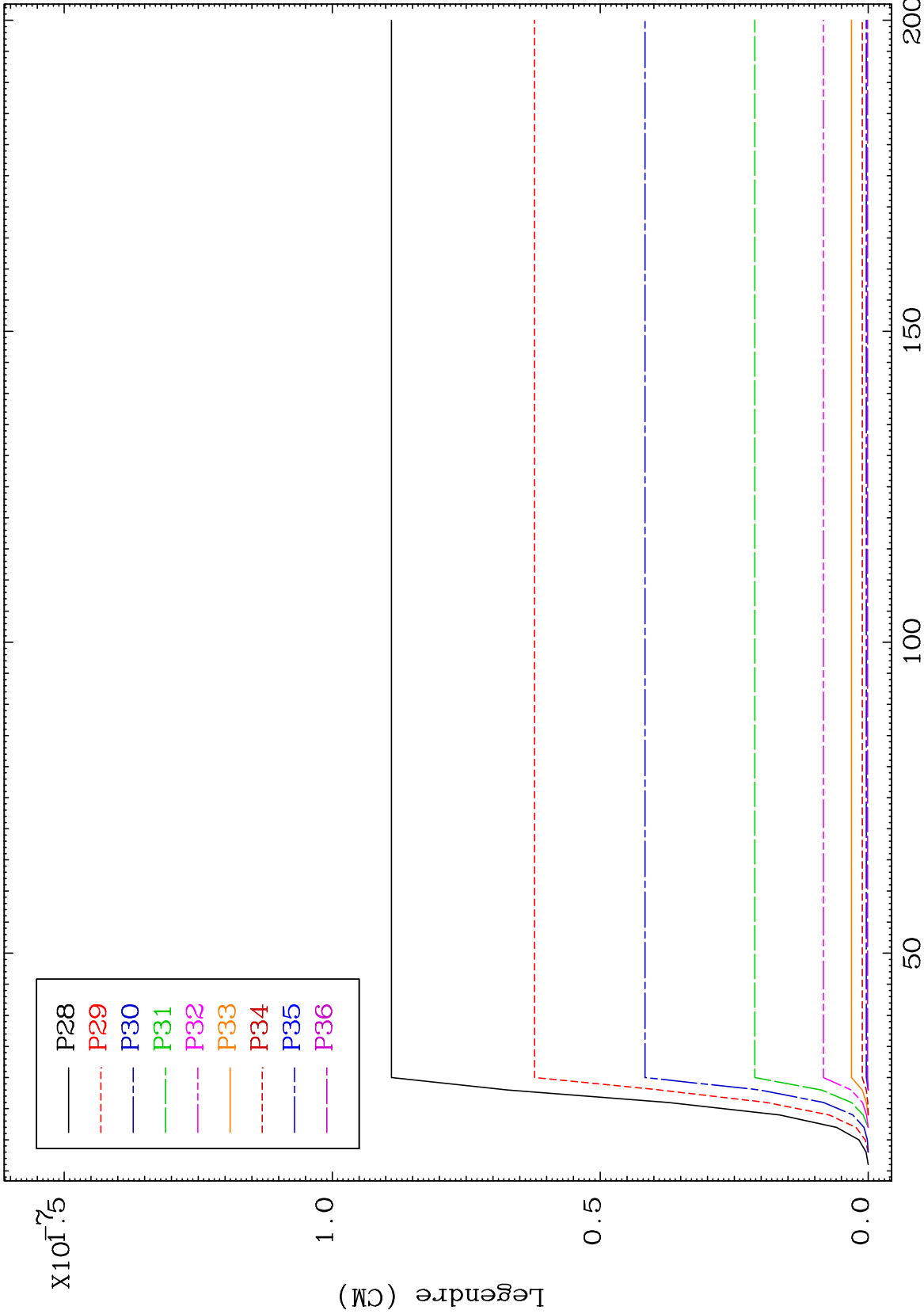
MT= 70 (n,n') Level
Legendre Coefficients

71-Lu-176



88

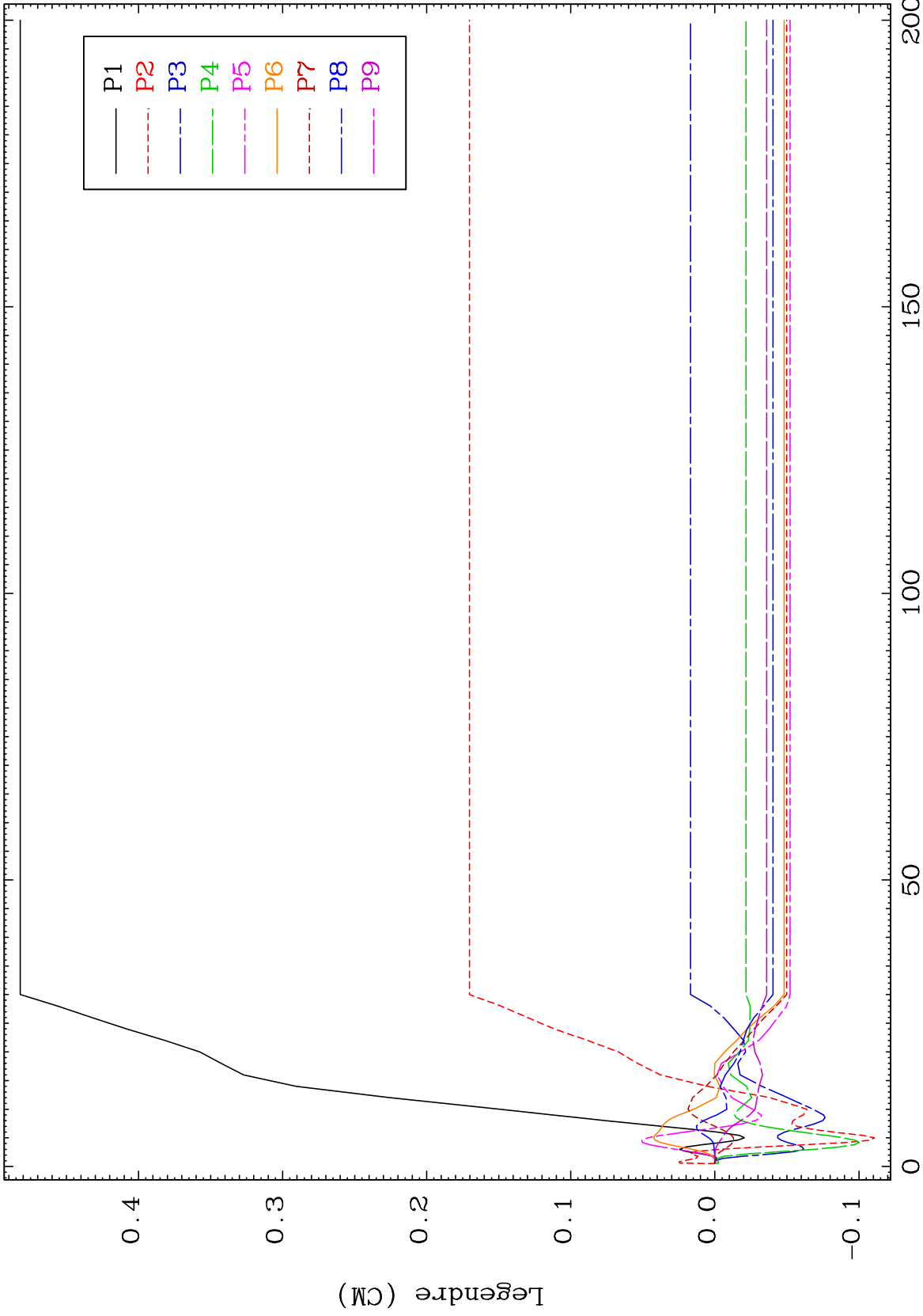
71-Lu-176



MAT 7128

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

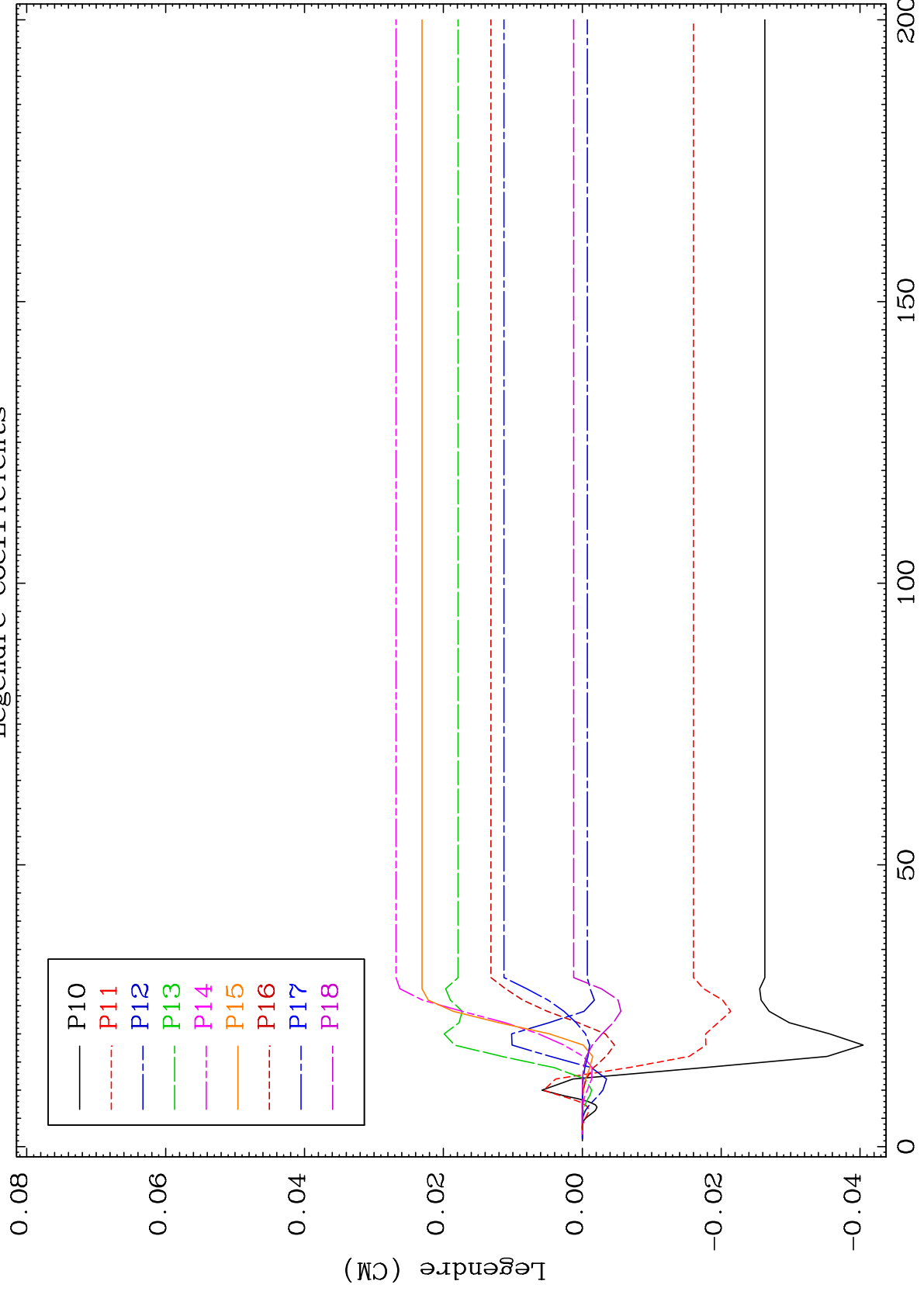
71-Lu-176



MAT 7128

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

71-Lu-176



91

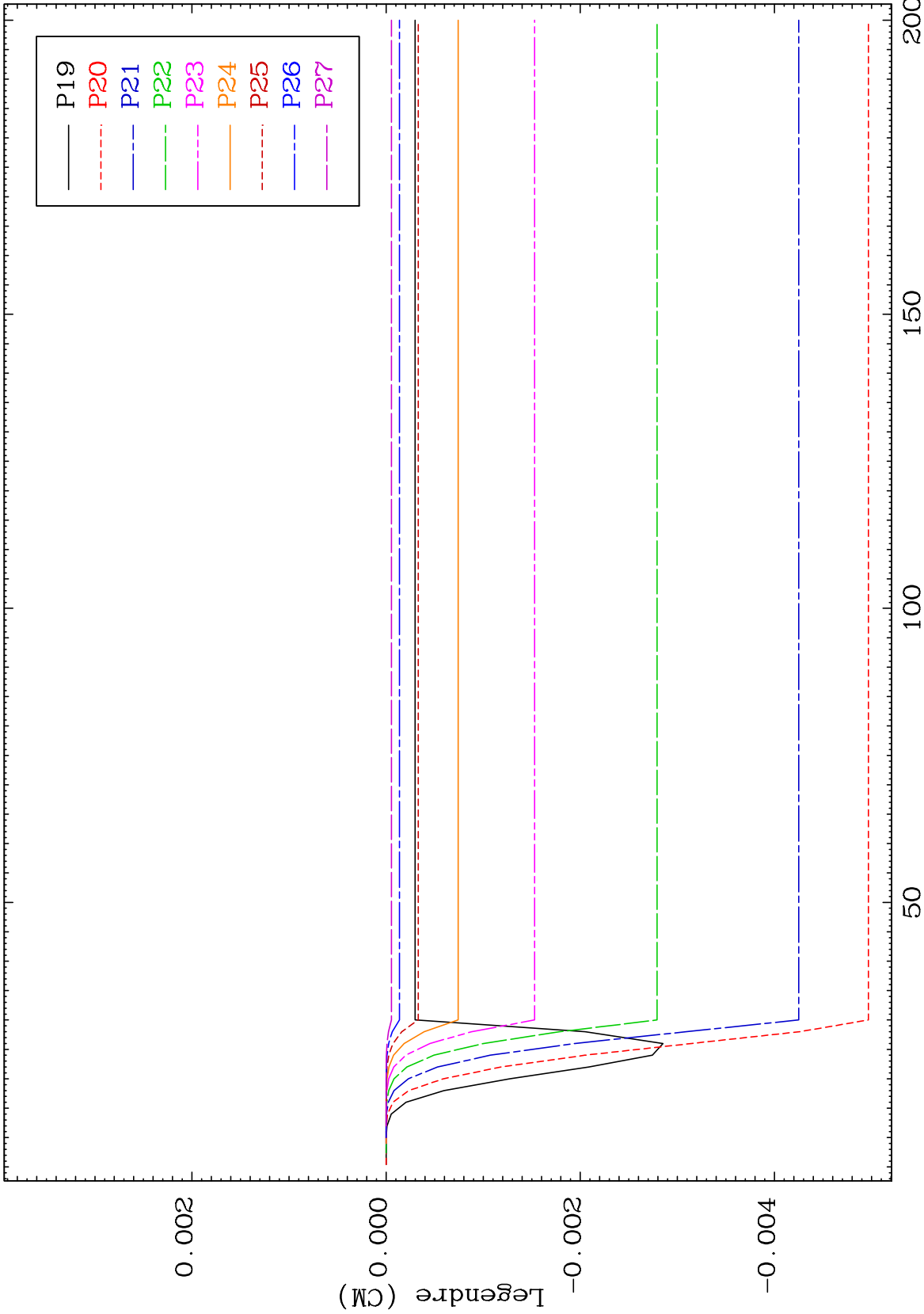
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



92

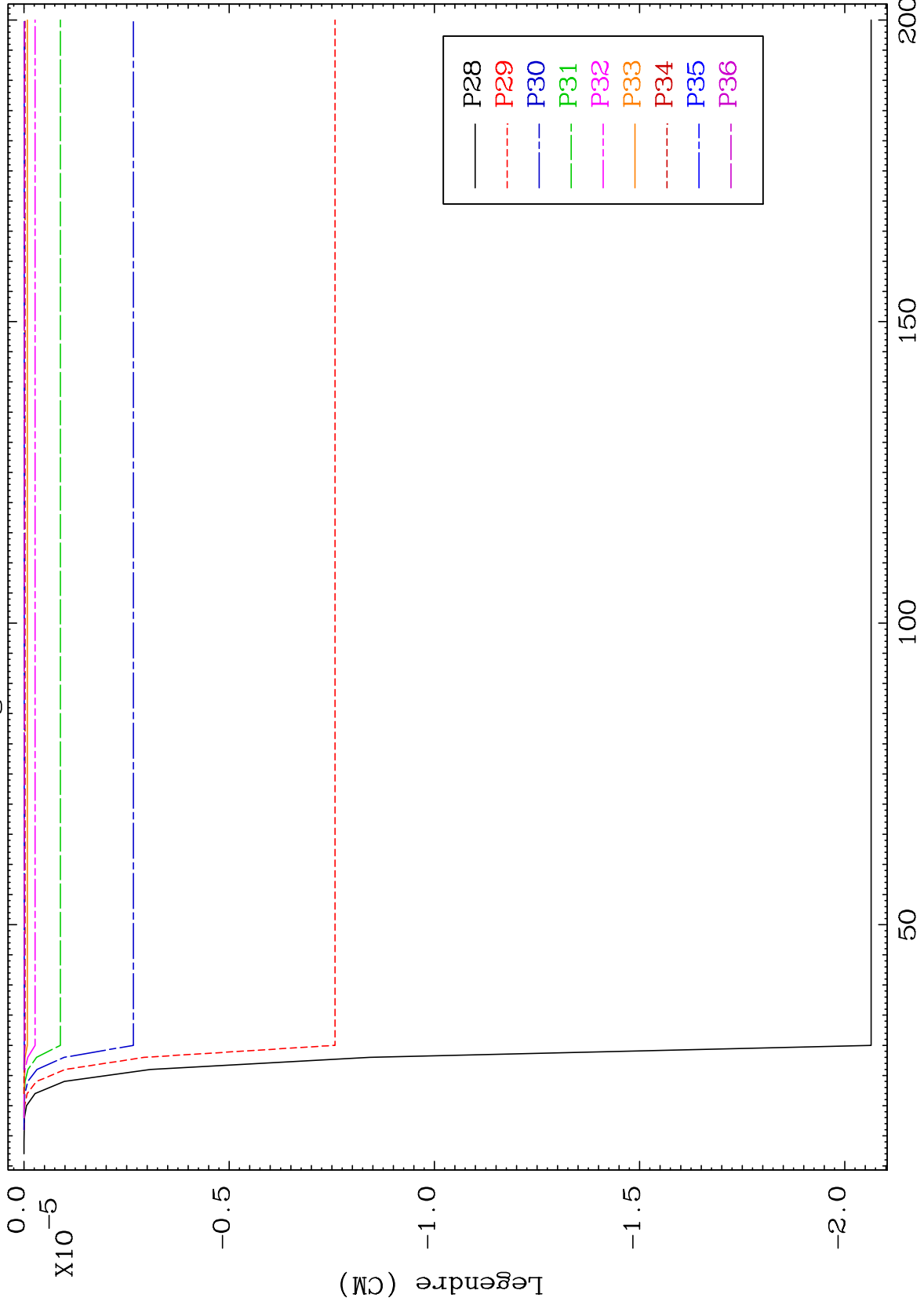
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



71-Lu-176

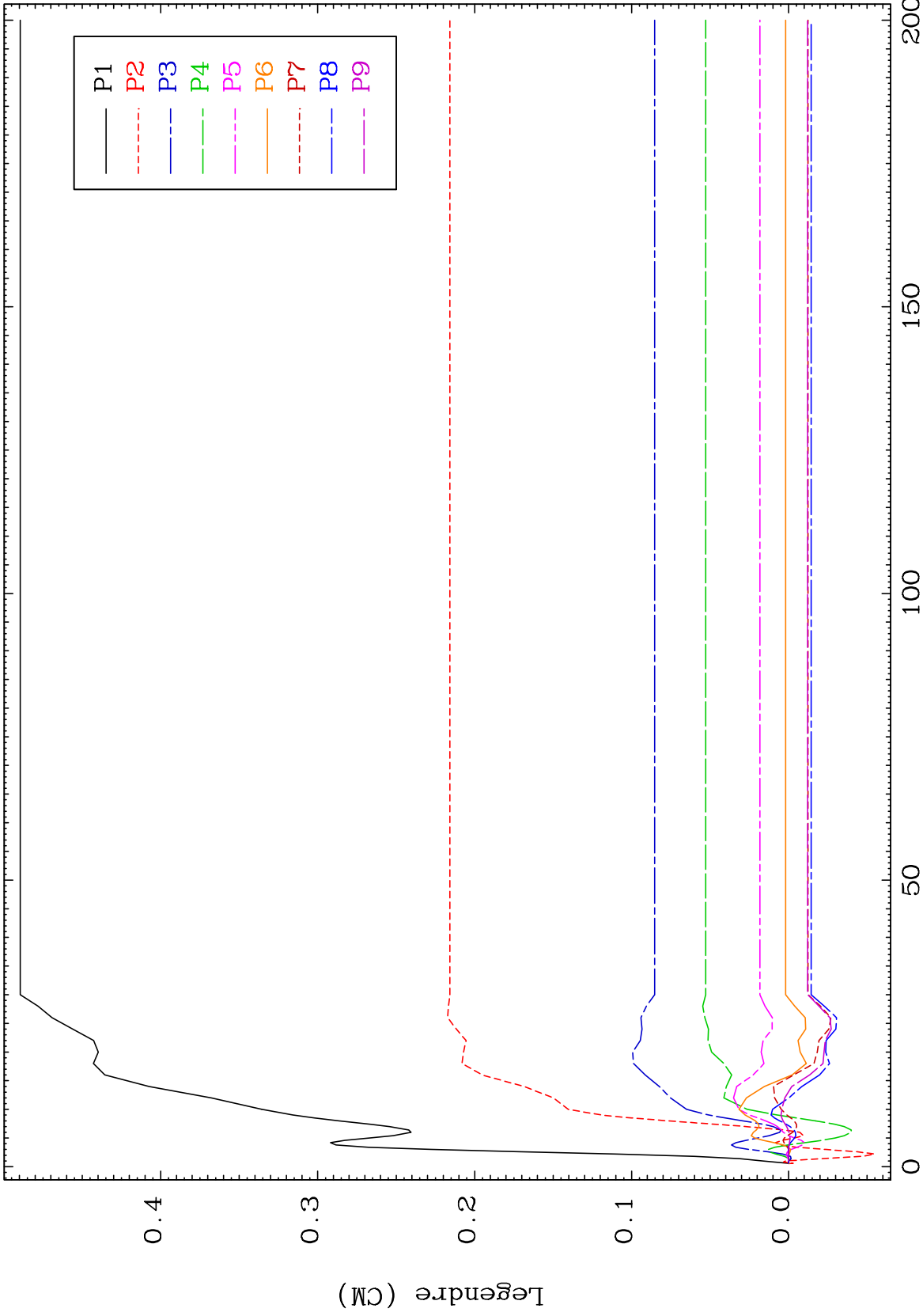
Incident Energy (MeV)

93

MAT 7128

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

71-Lu-176



94

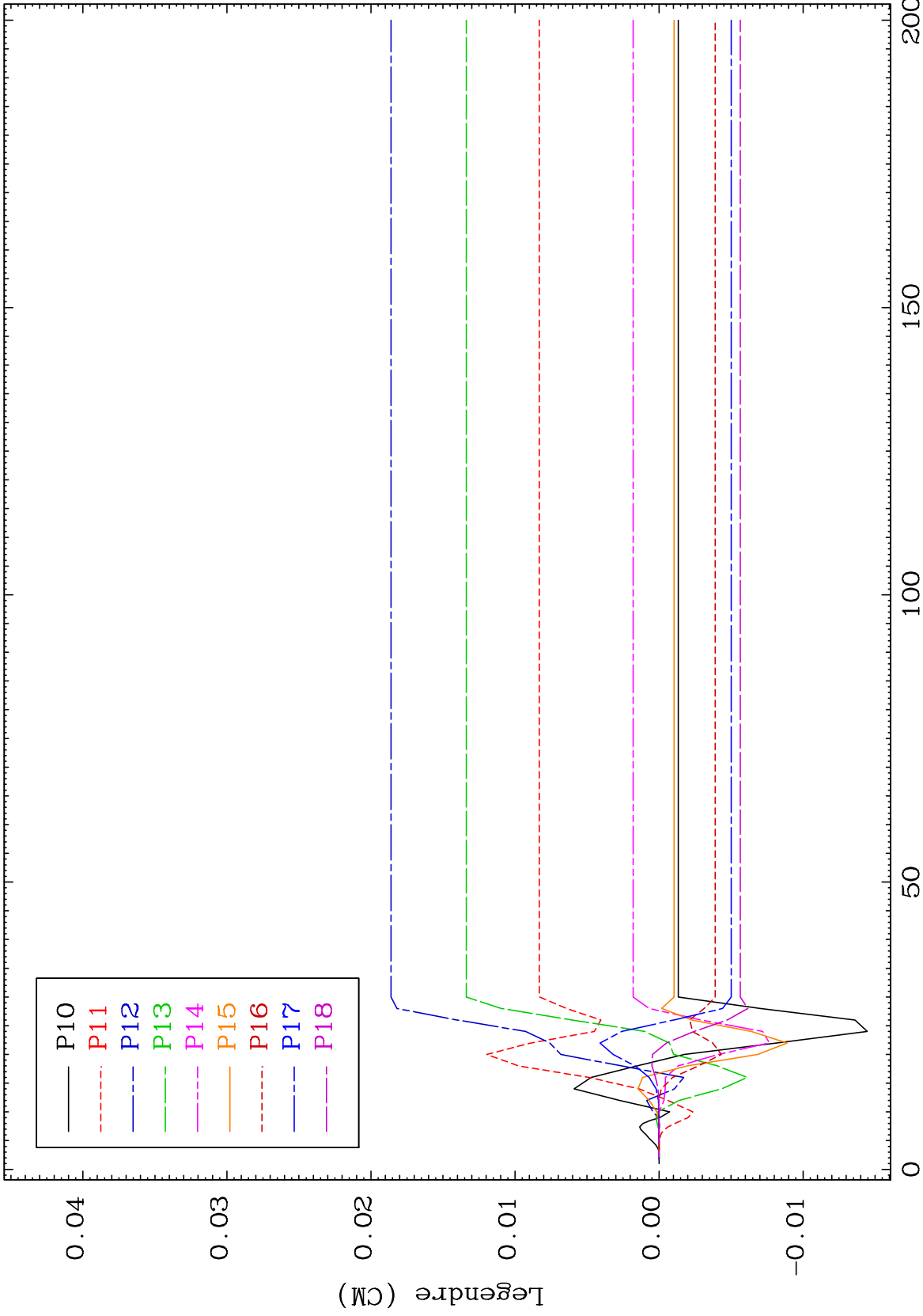
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



95

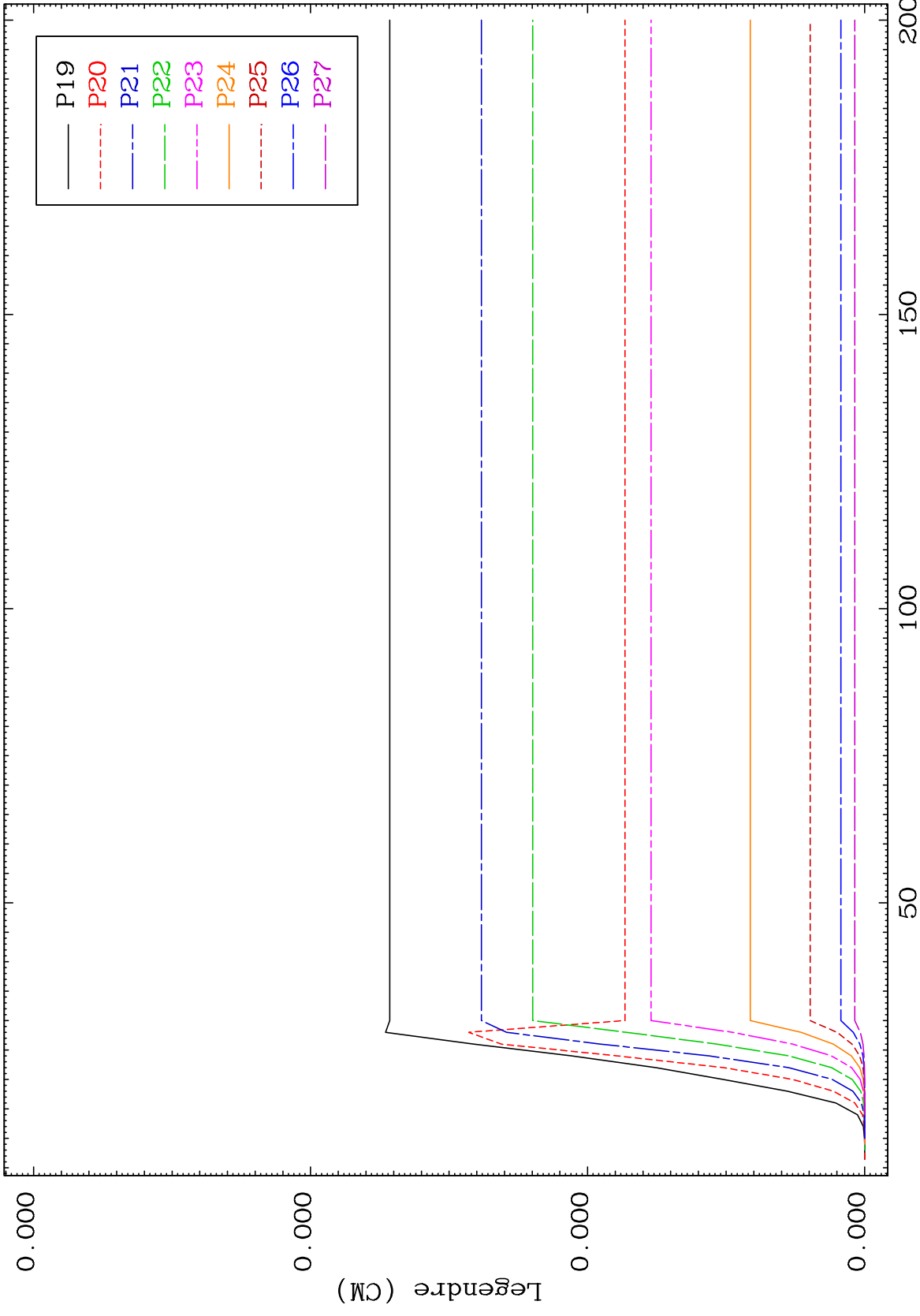
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



96

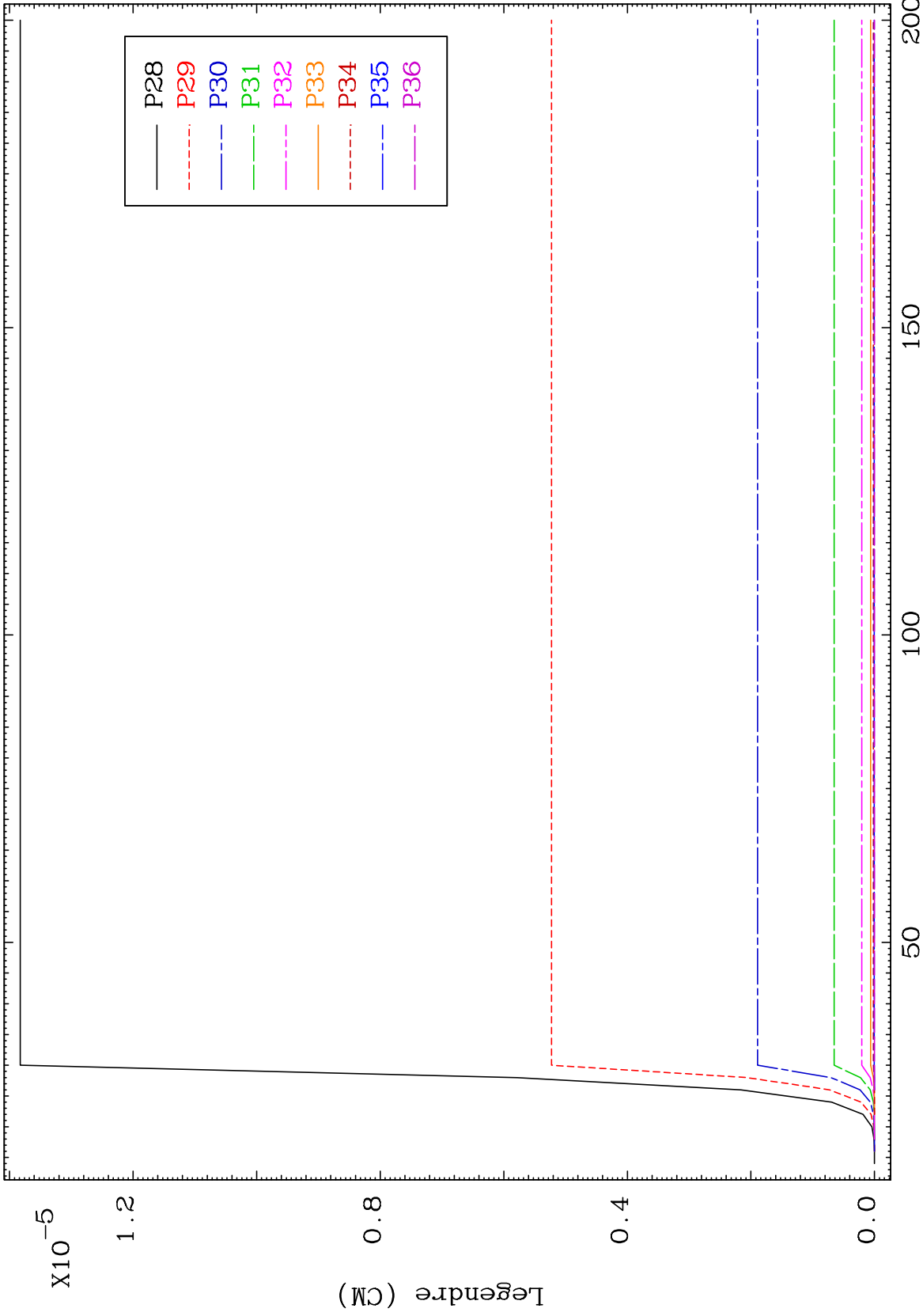
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



97

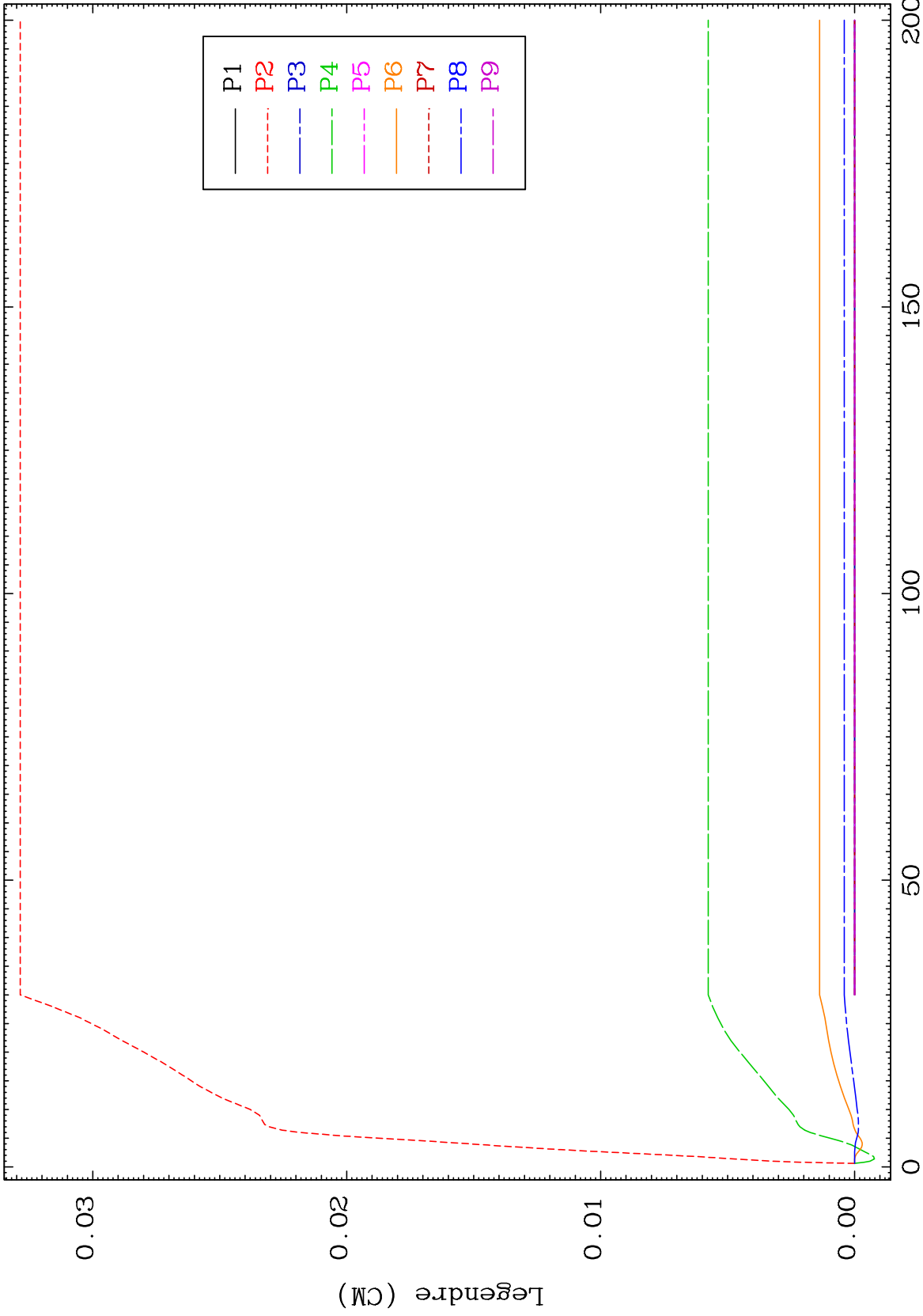
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



98

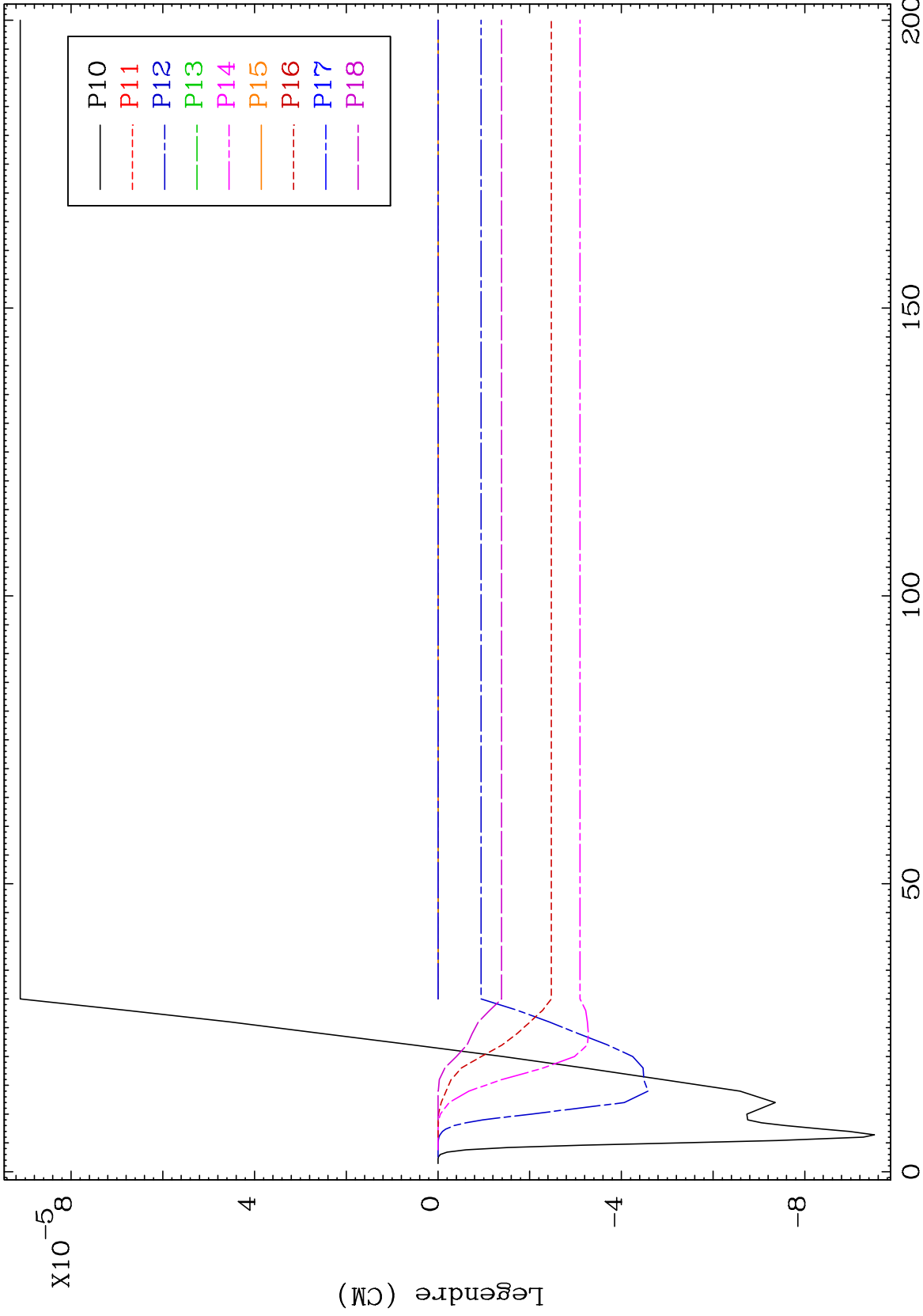
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



99

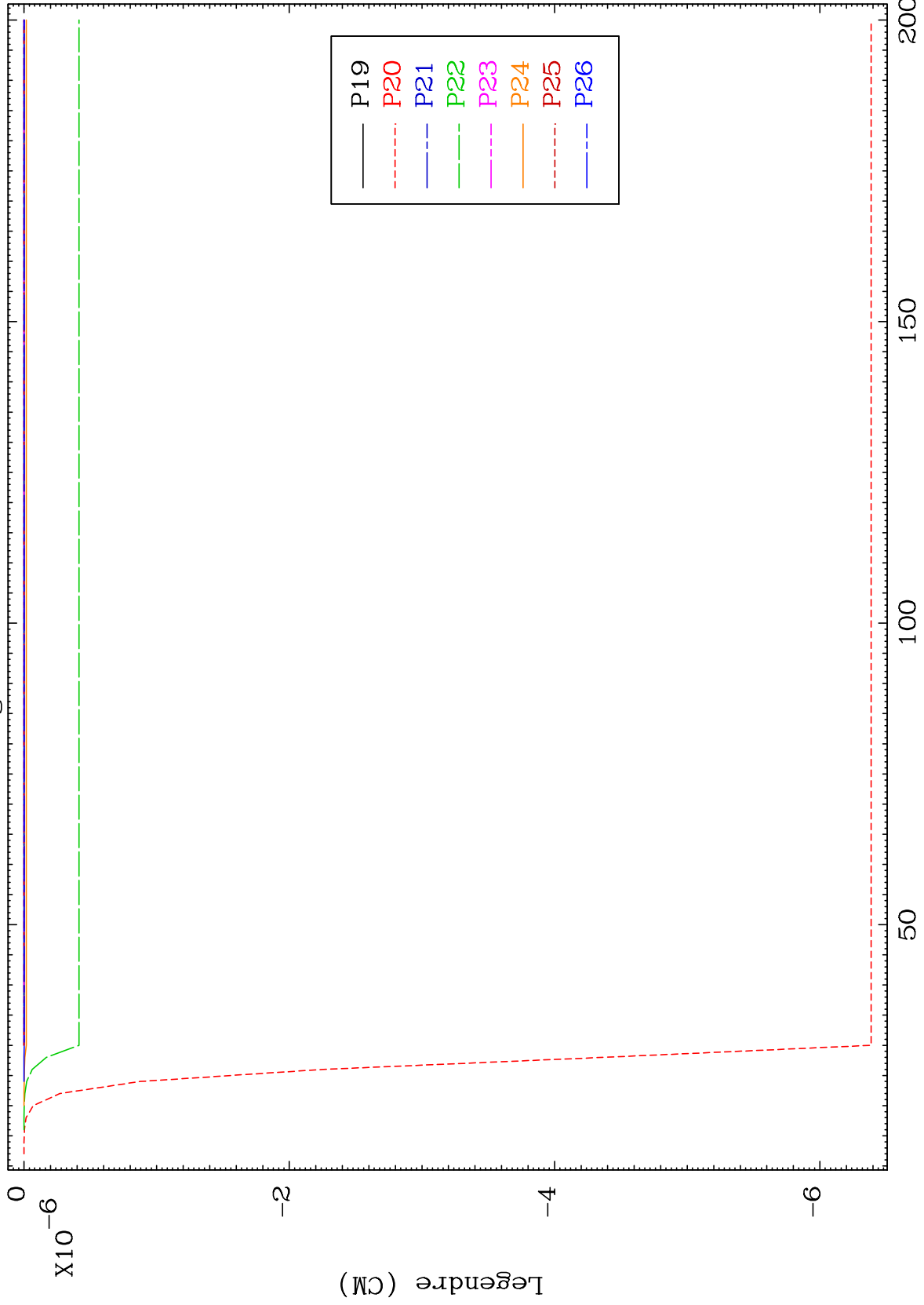
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



71-Lu-176

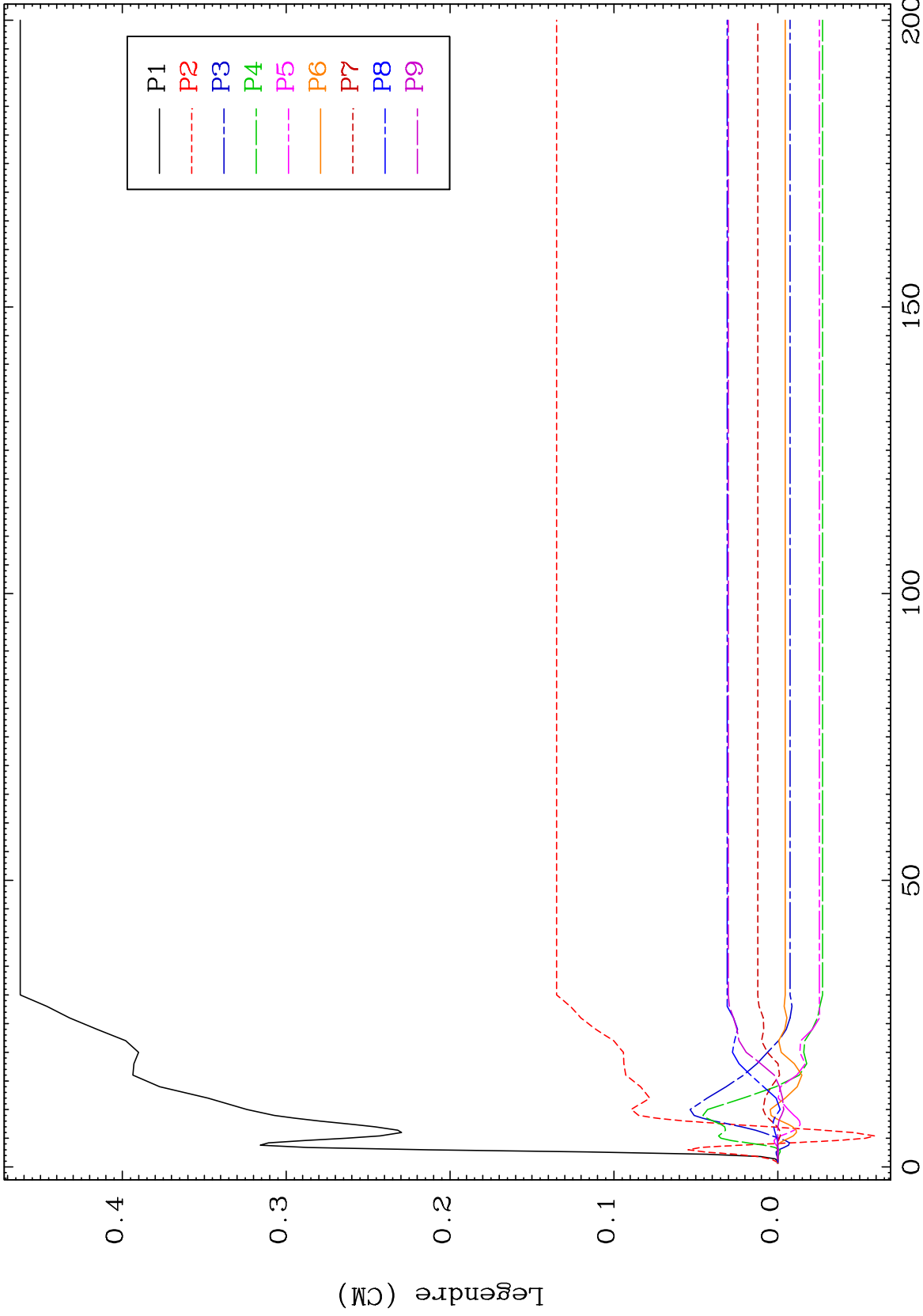
Incident Energy (MeV)

Legendre (CM)

MAT 7128

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

71-Lu-176



101

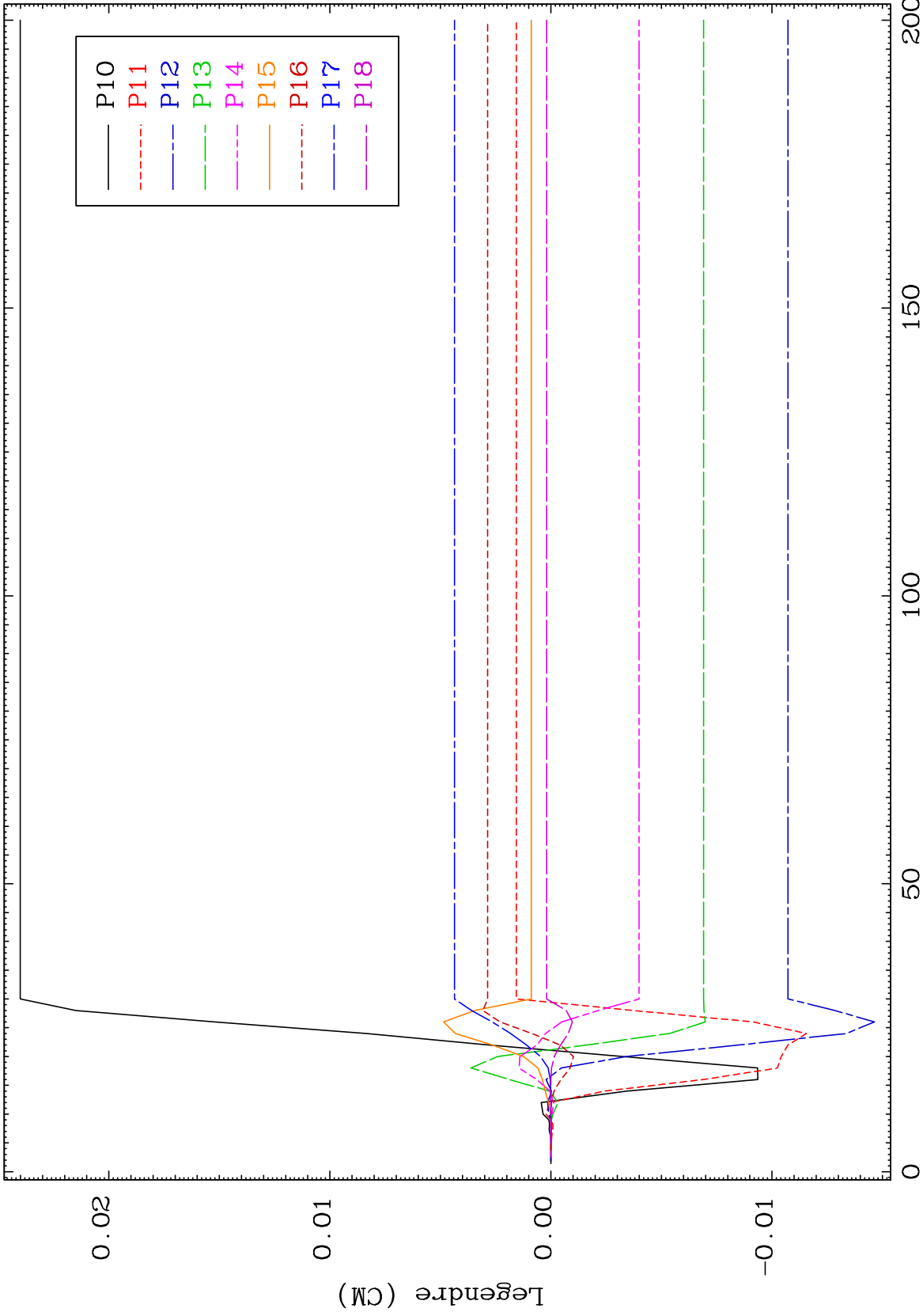
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



102

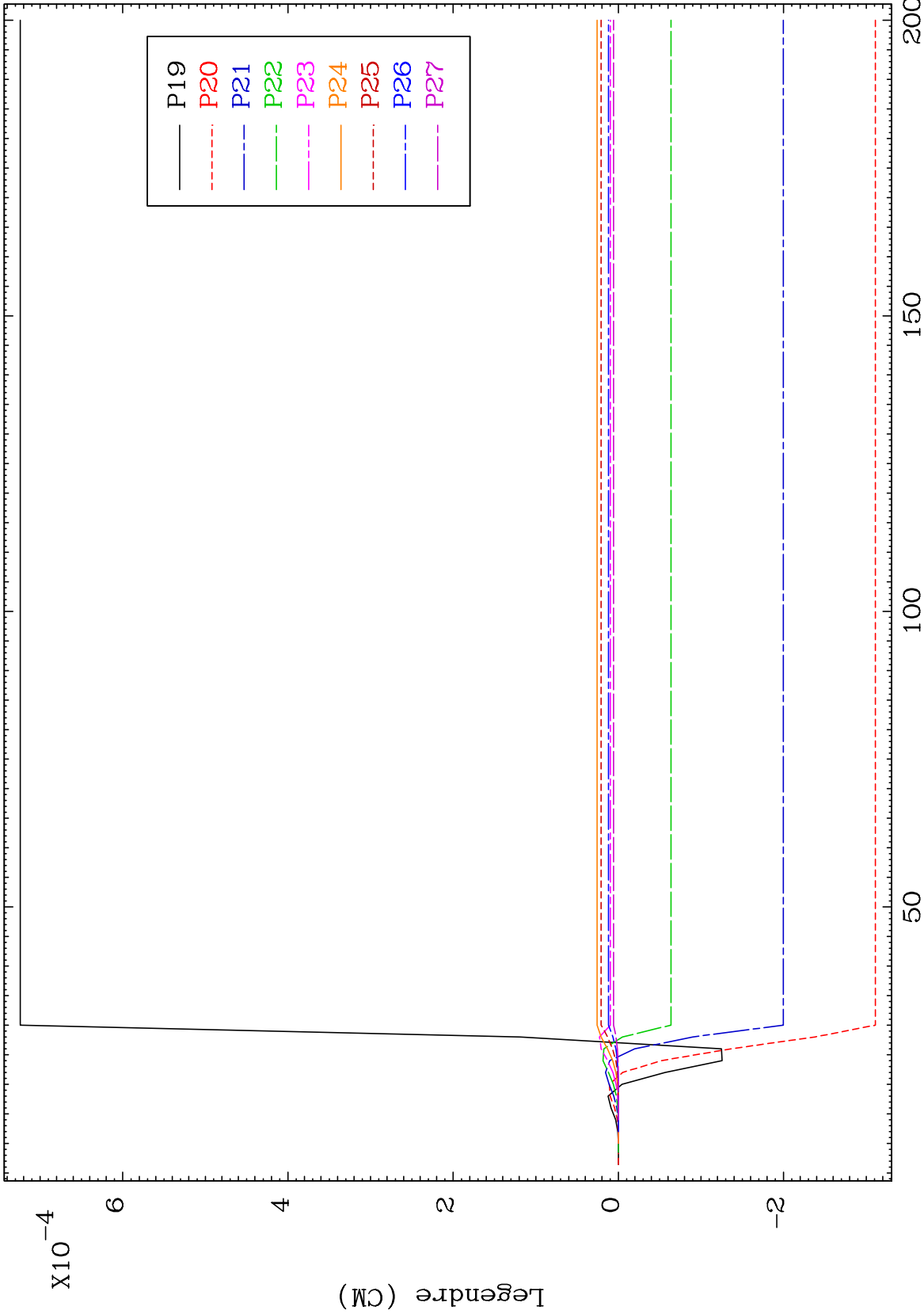
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



103

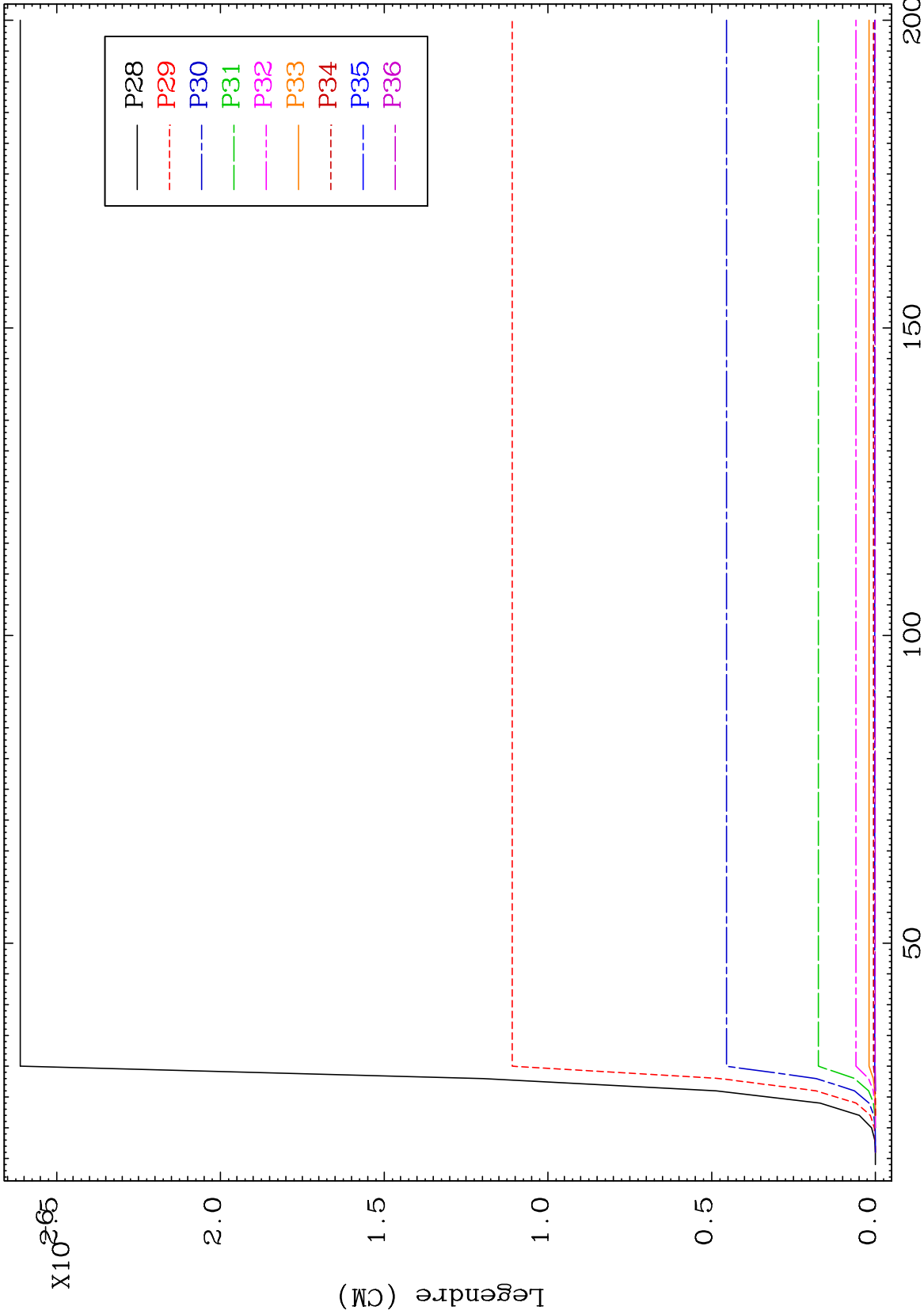
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



104

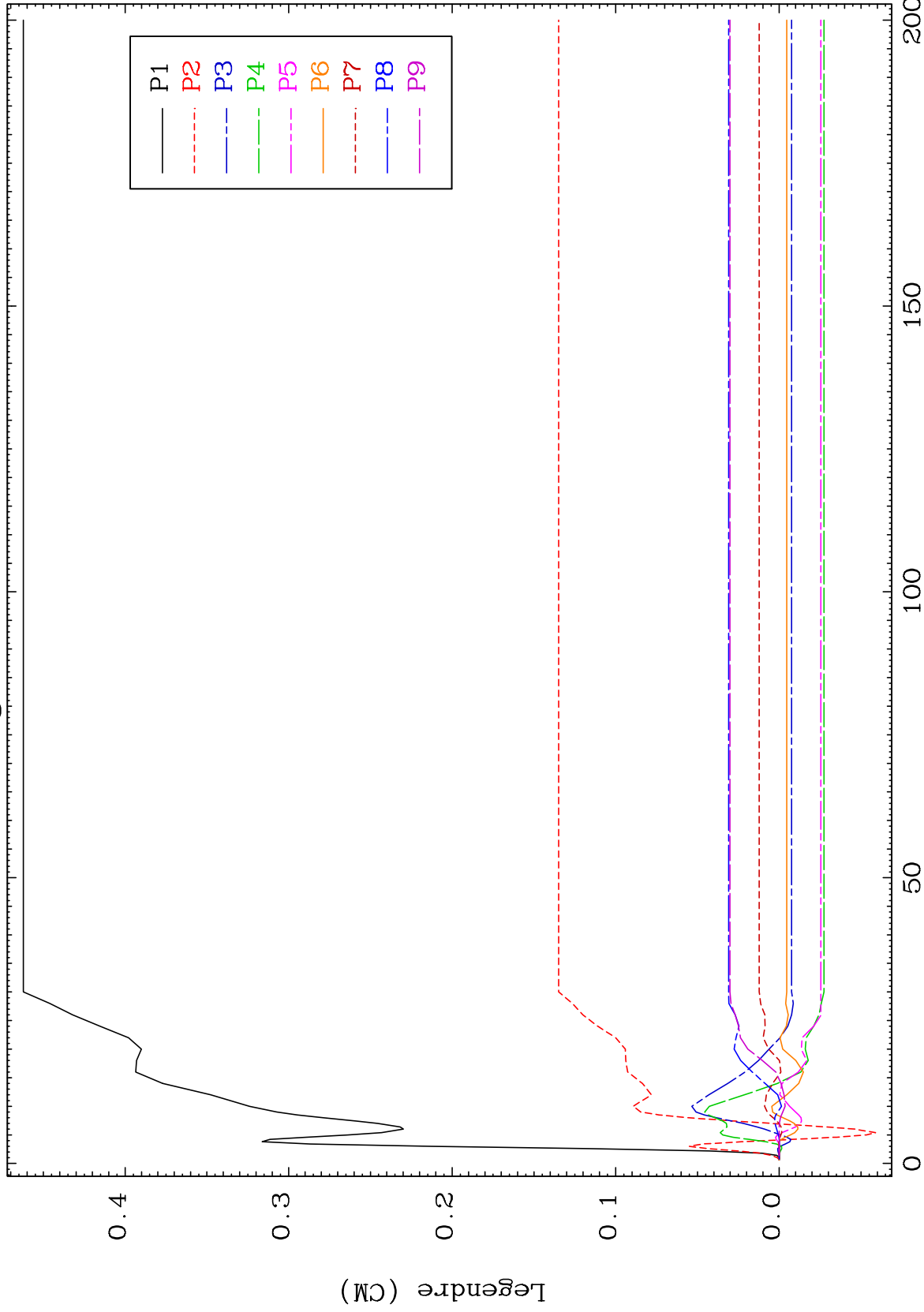
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



71-Lu-176

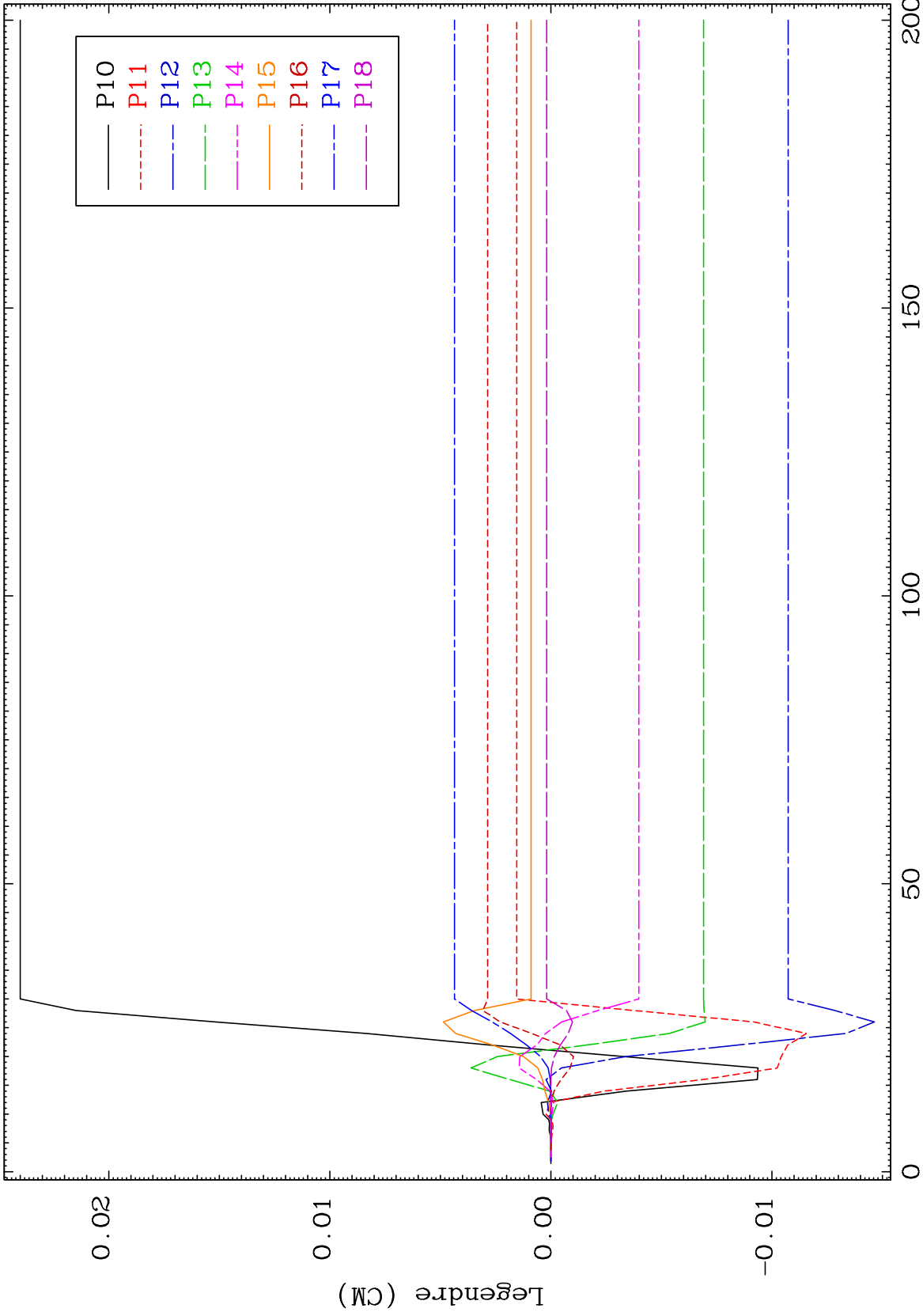
Incident Energy (MeV)

105

MAT 7128

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

71-Lu-176



106

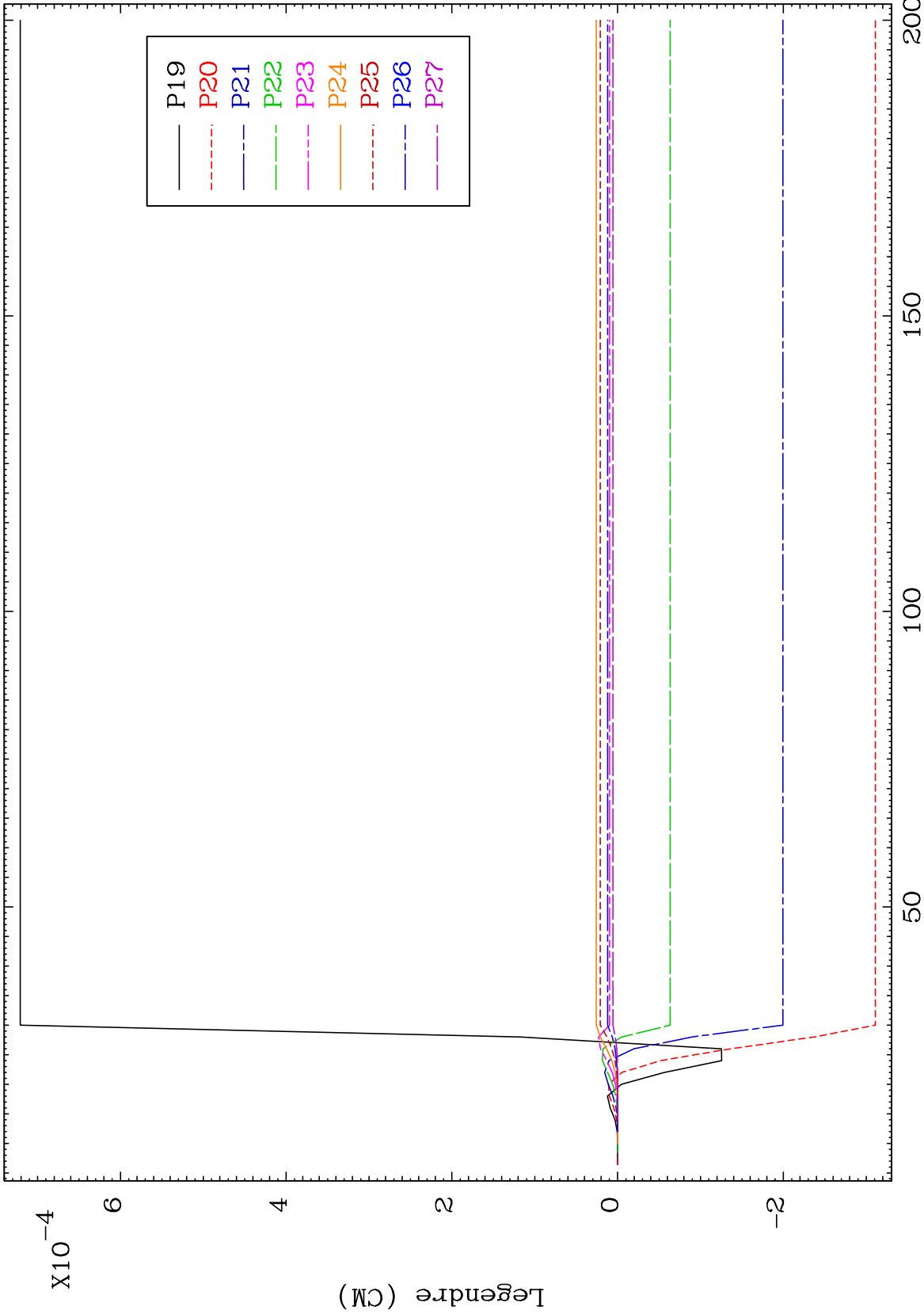
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



107

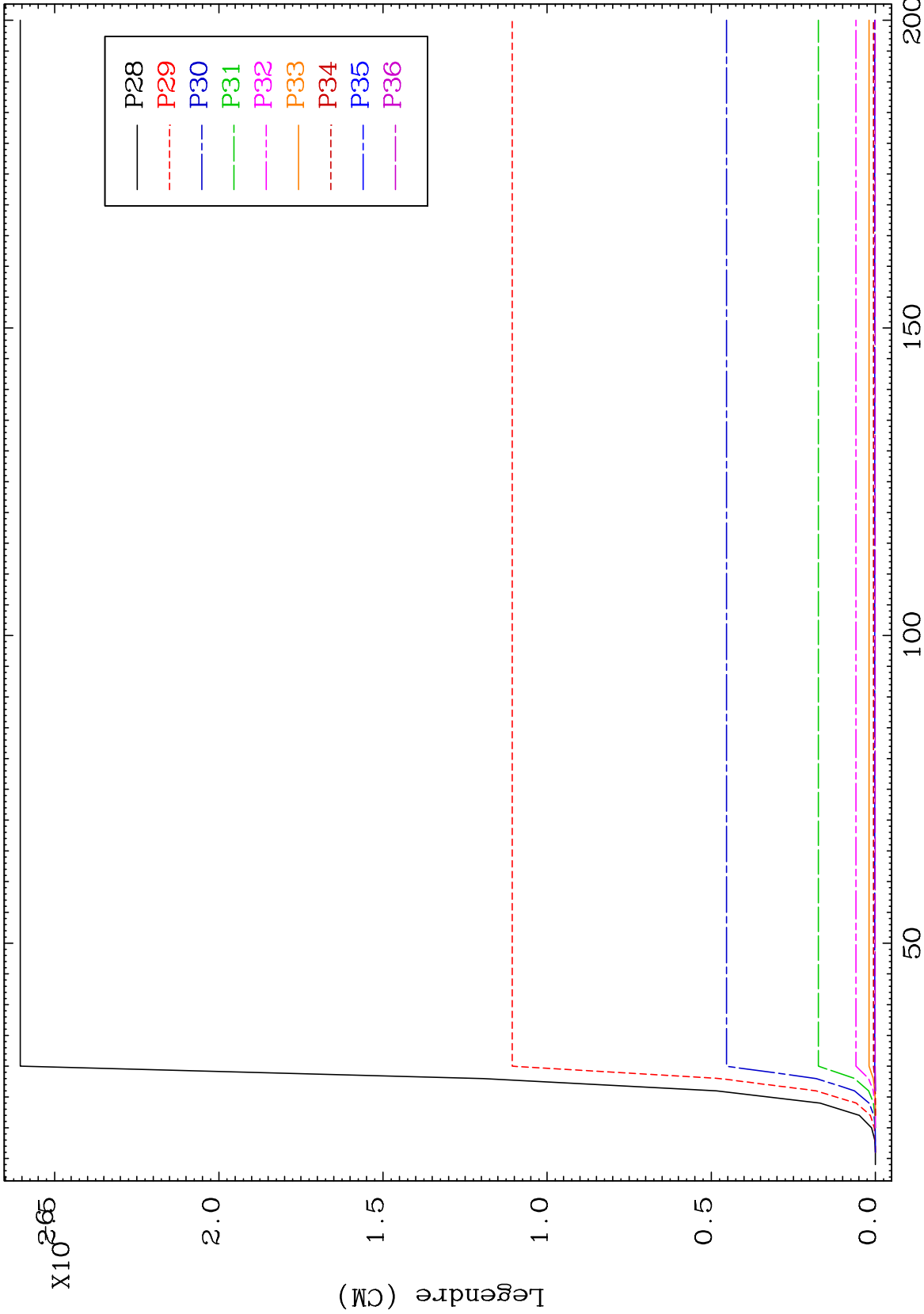
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



108

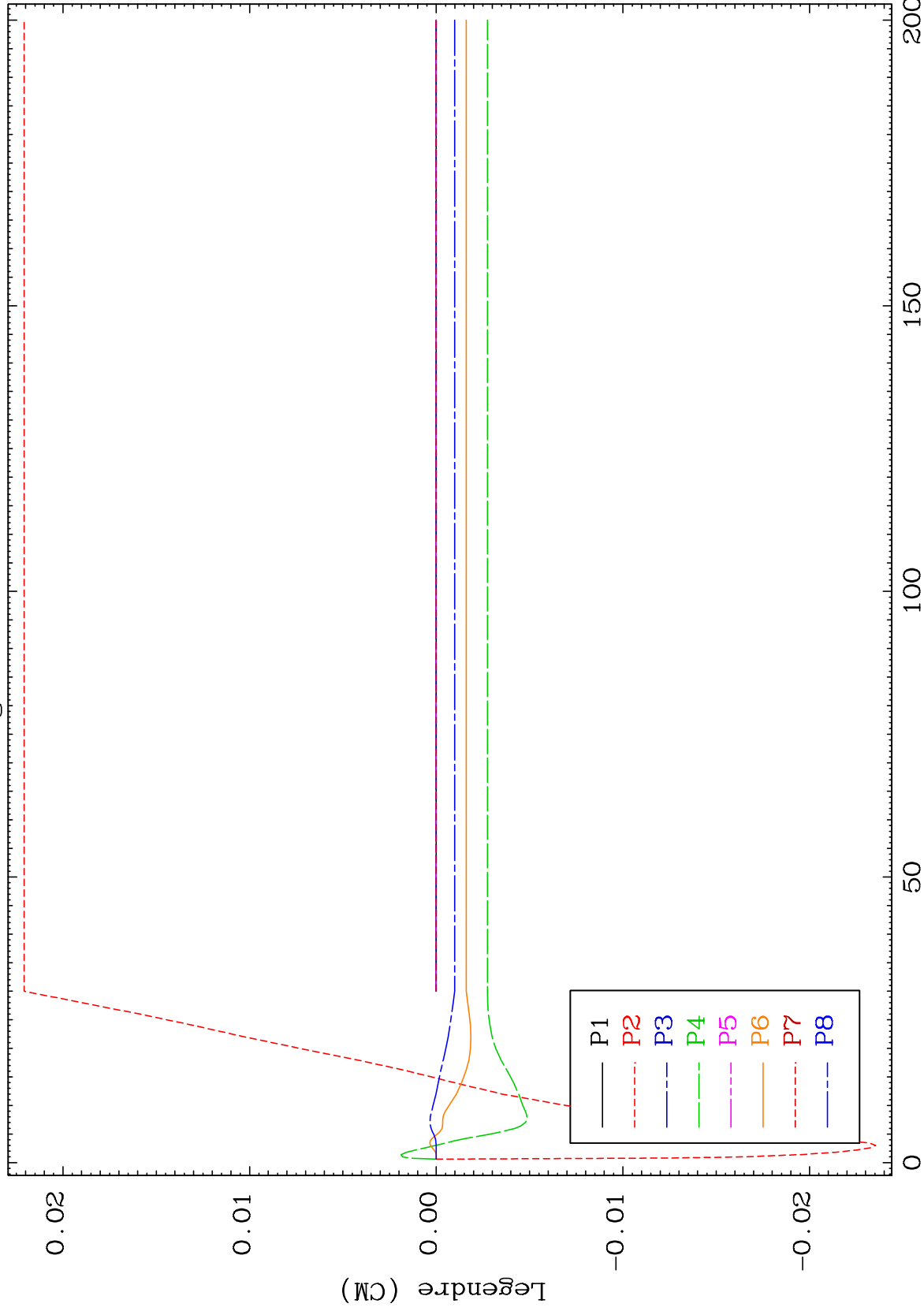
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



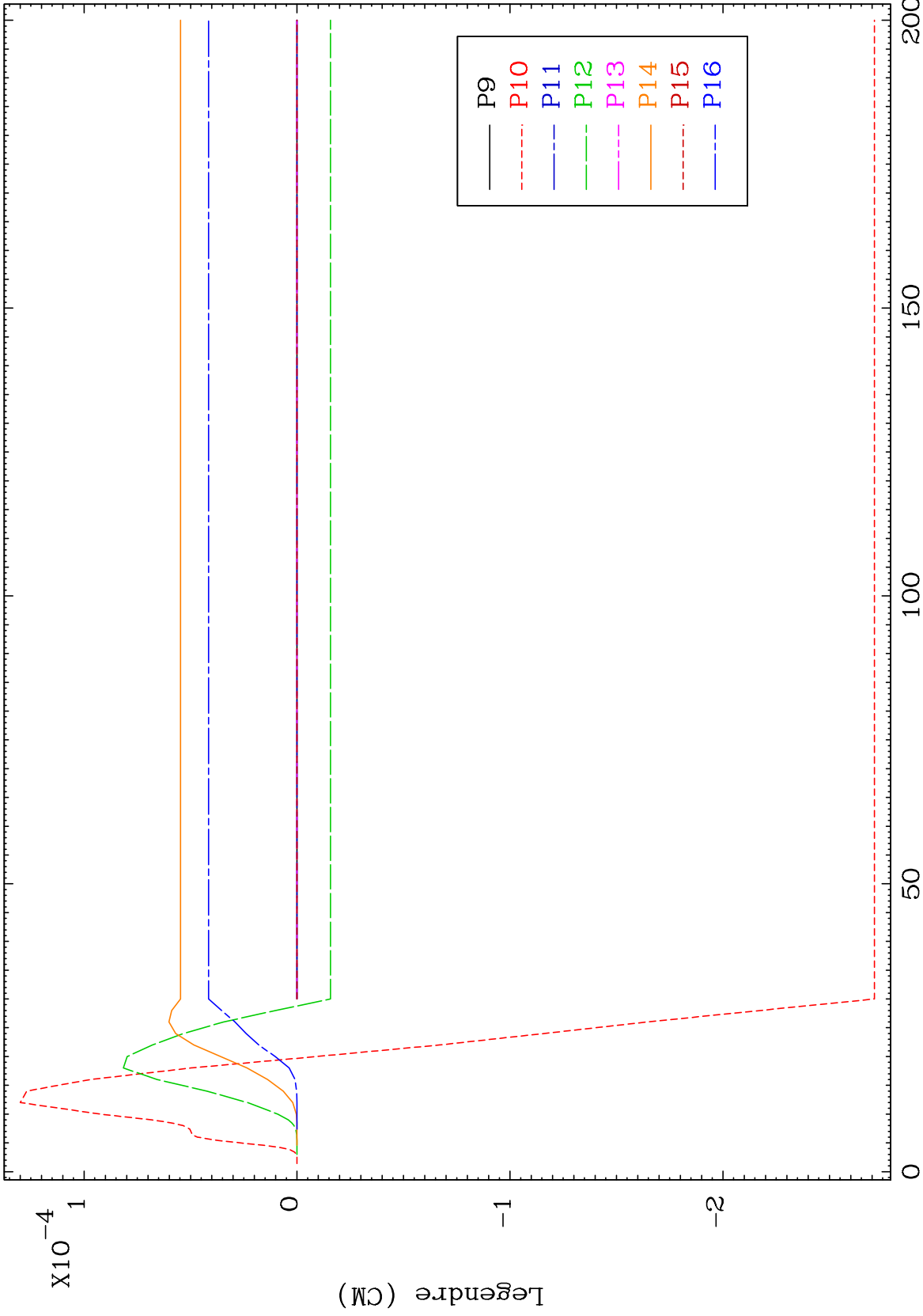
109

71-Lu-176

MAT 7128

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

71-Lu-176



110

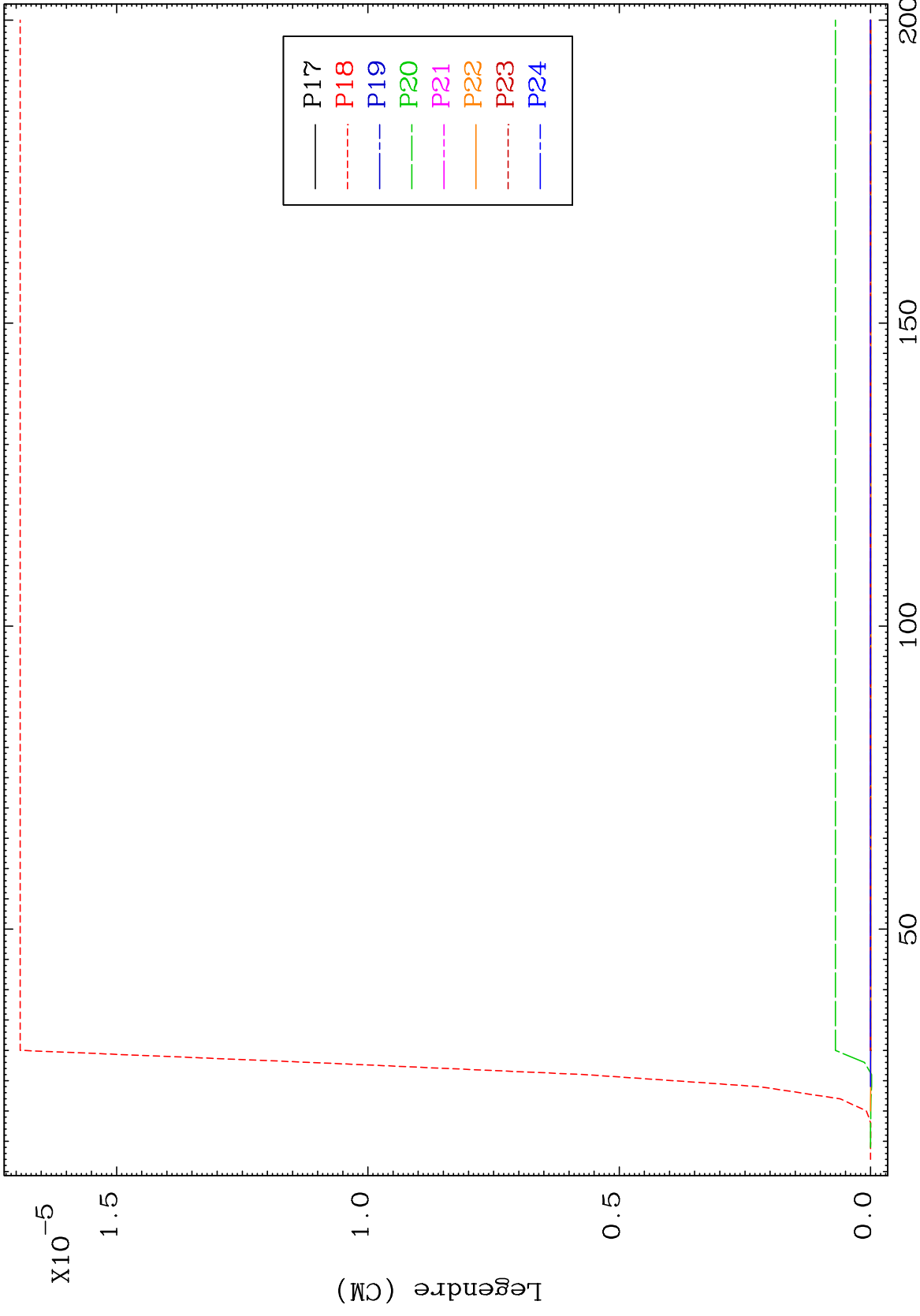
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



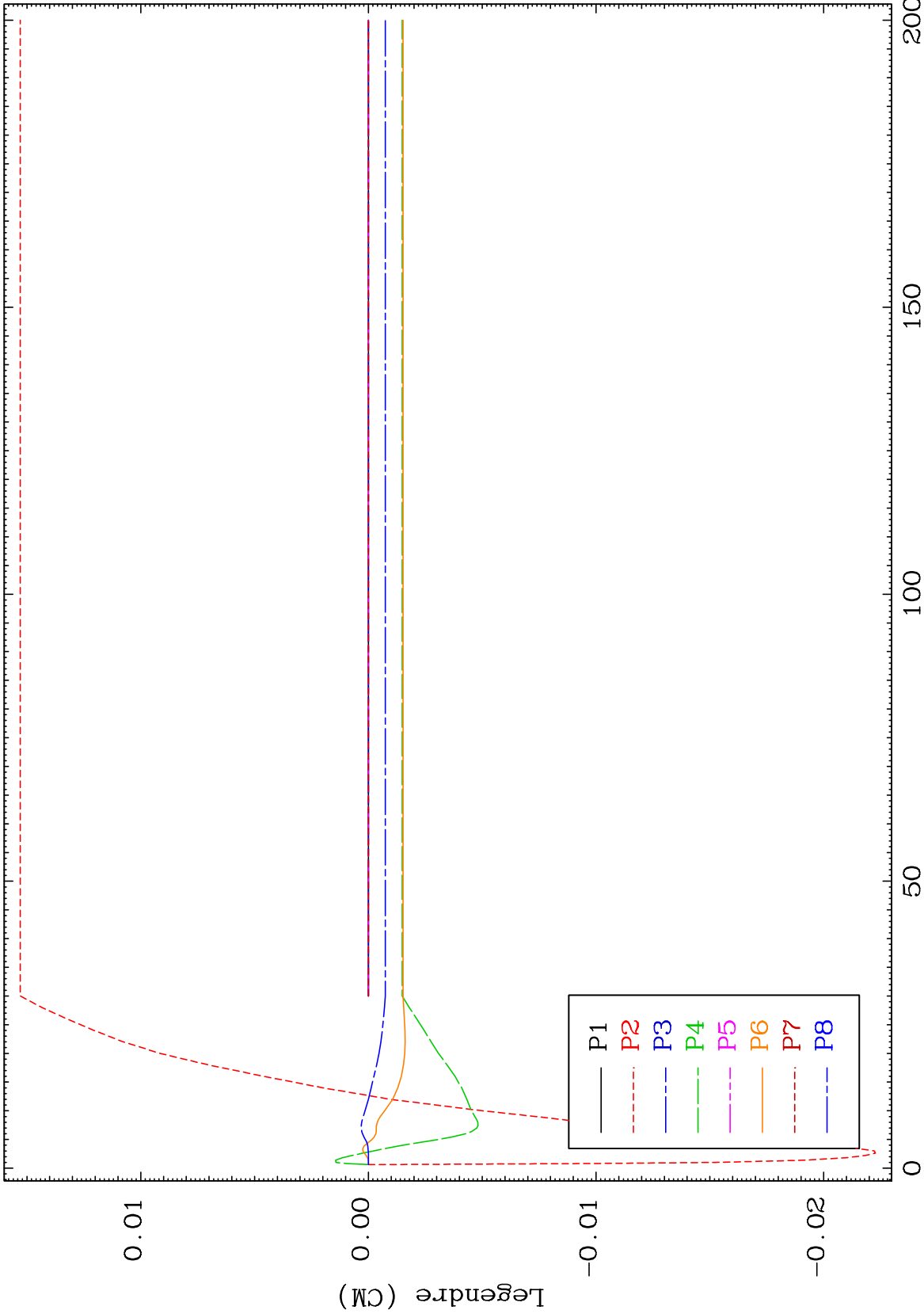
111

71-Lu-176

MAT 7128

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

71-Lu-176



112

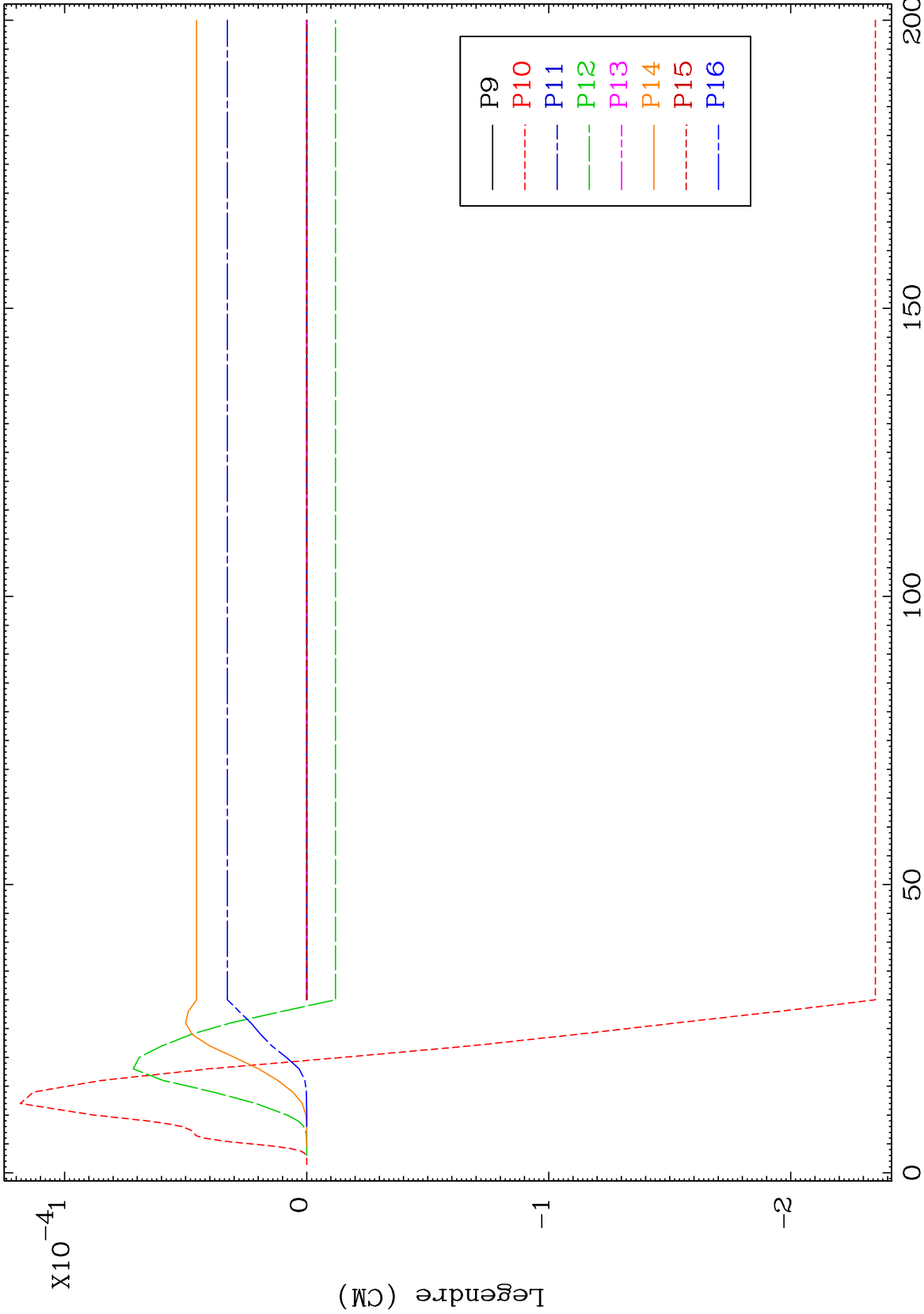
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



113

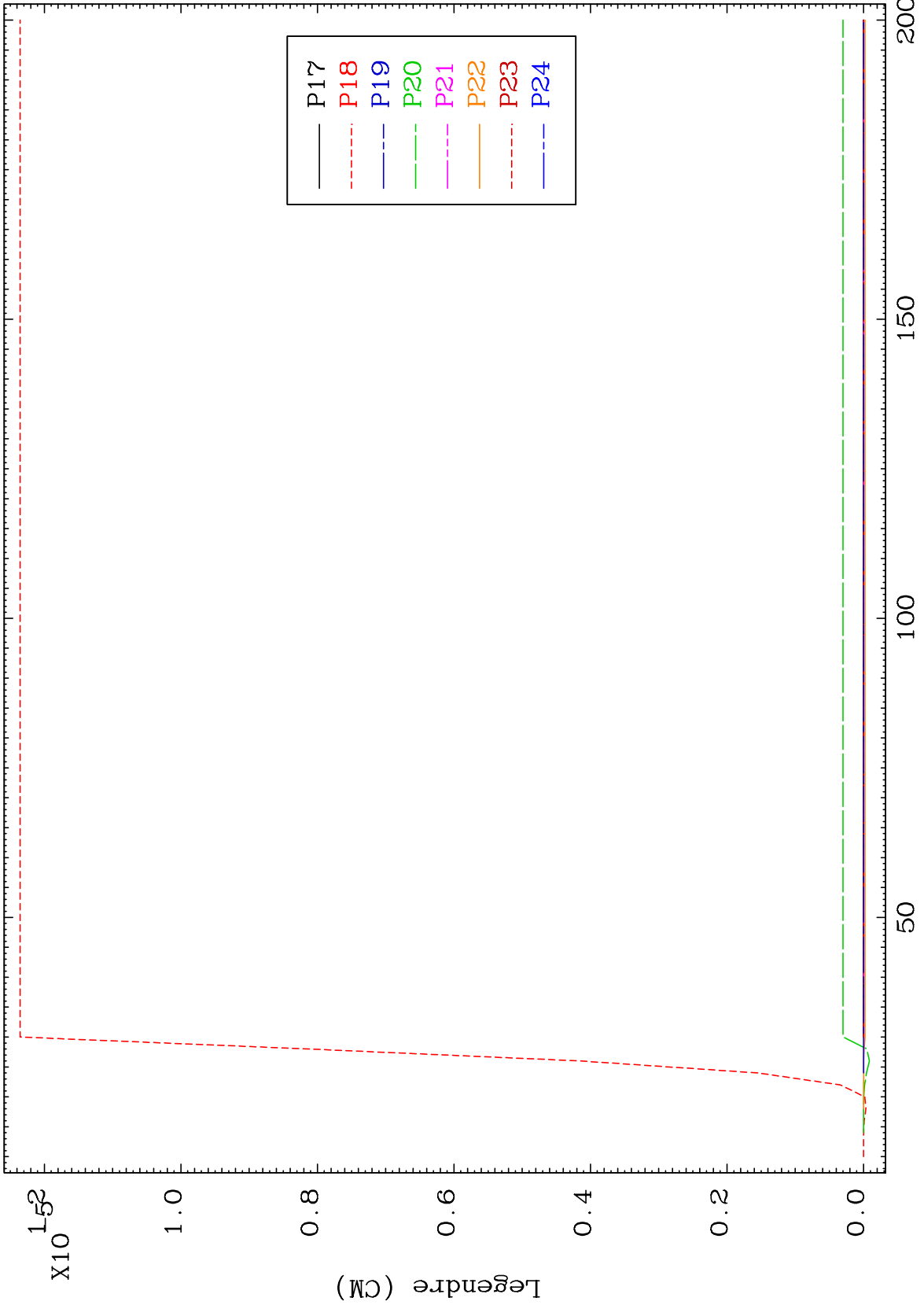
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



114

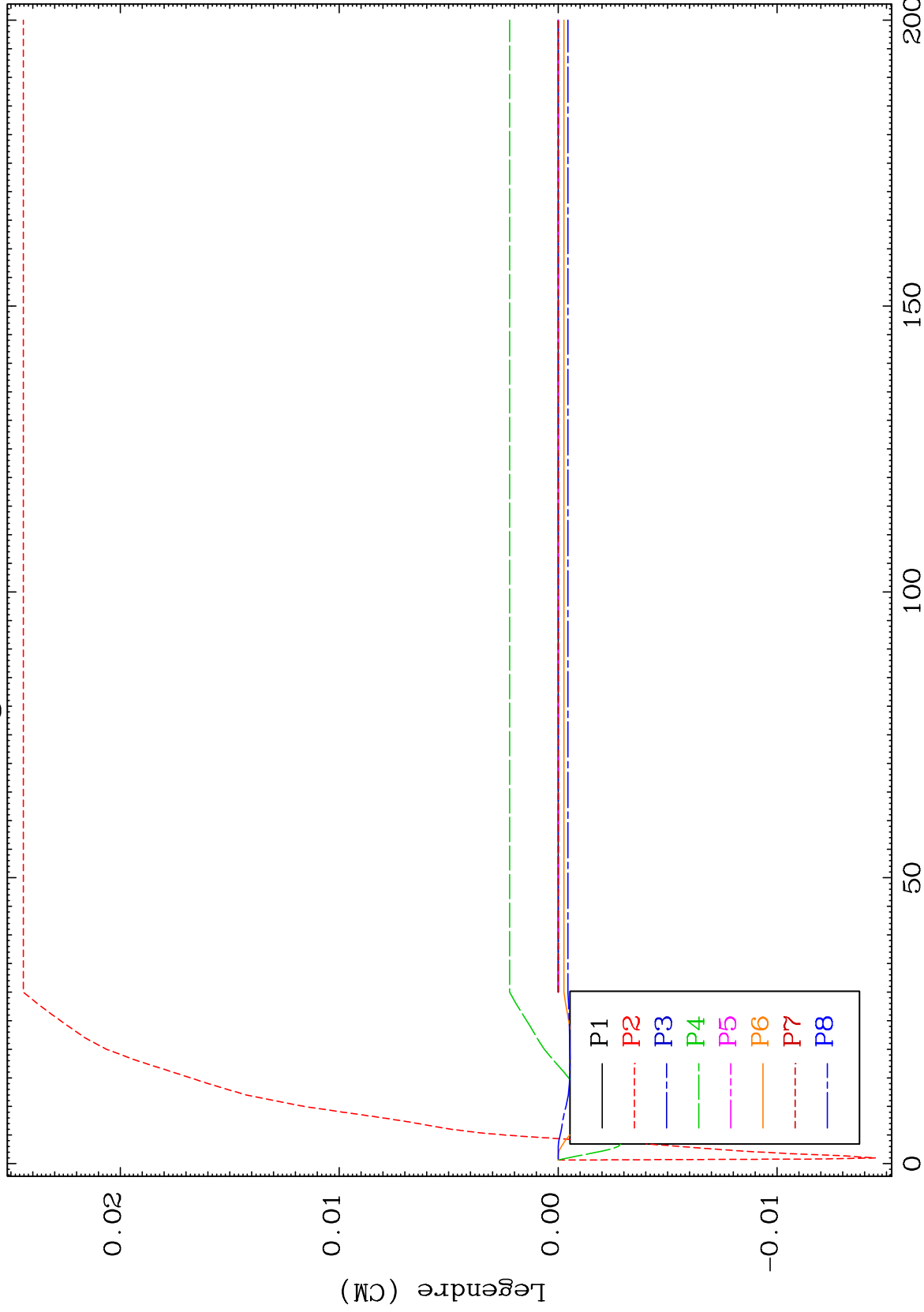
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



115

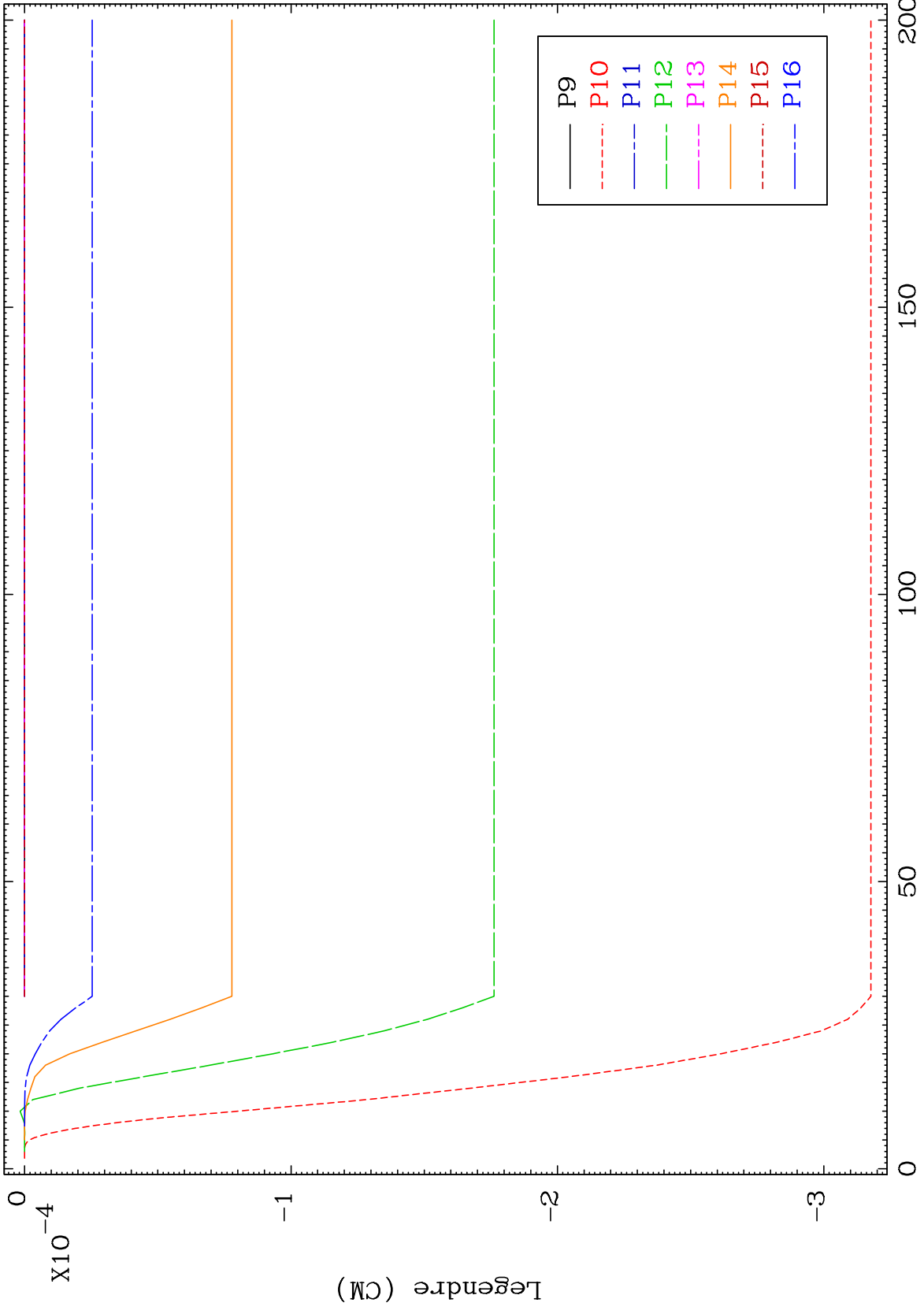
Incident Energy (MeV)

71-Lu-176

MAT 7128

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

71-Lu-176



71-Lu-176

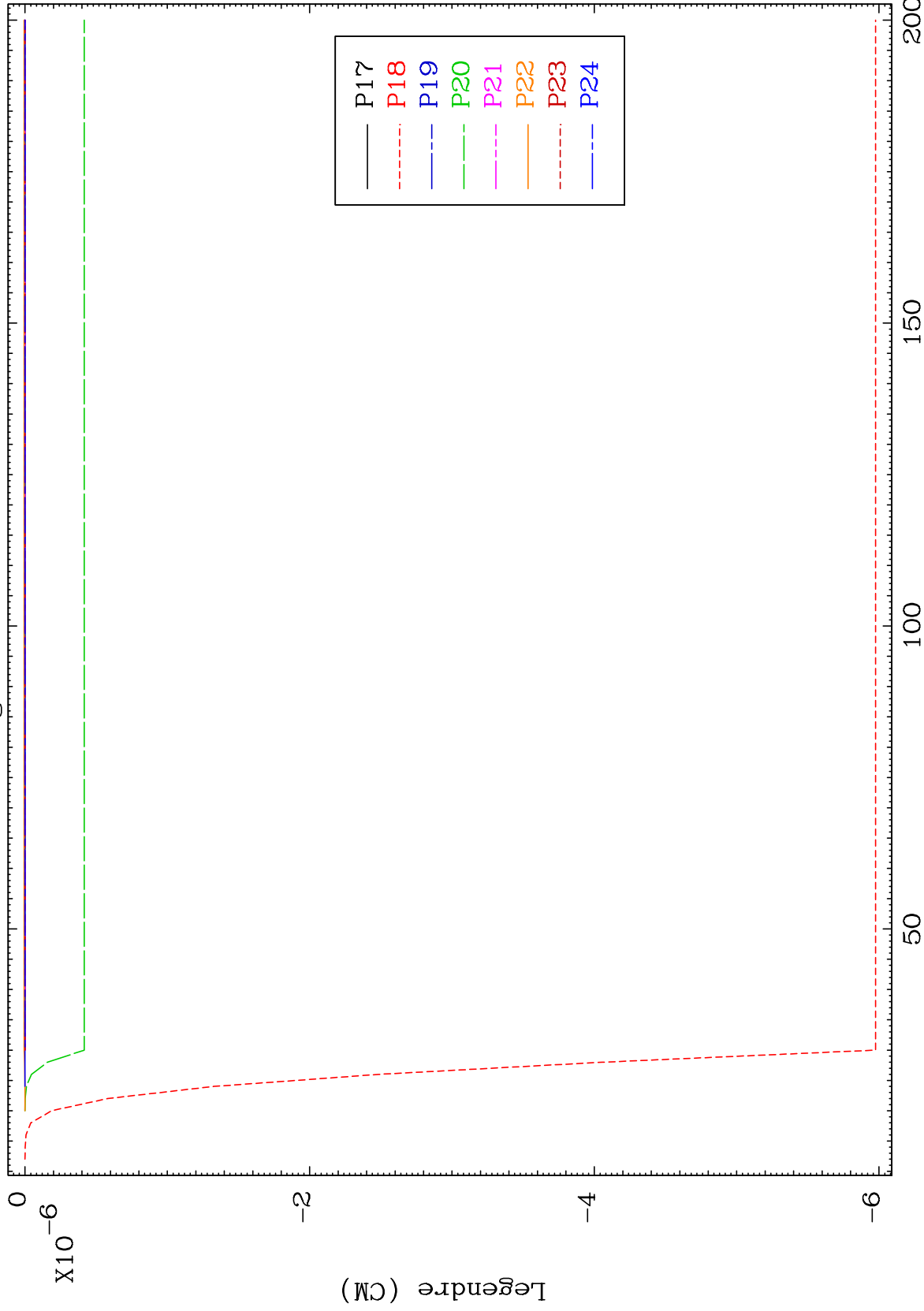
Incident Energy (MeV)

116

MAT 7128

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

71-Lu-176



117

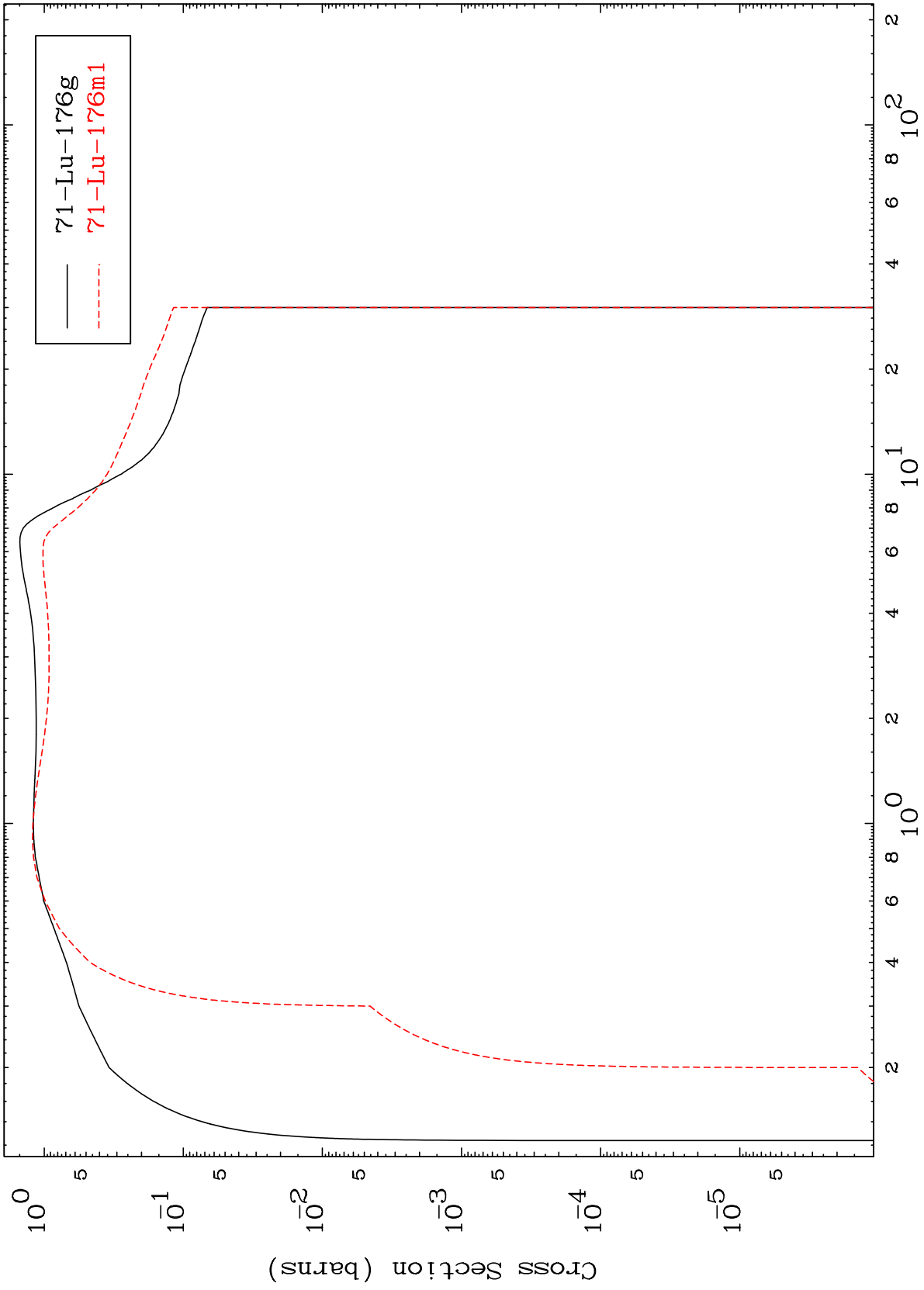
Incident Energy (MeV)

71-Lu-176

MAT 7128

71-Lu-176

Inelastic Radionuclide Production Cross Section



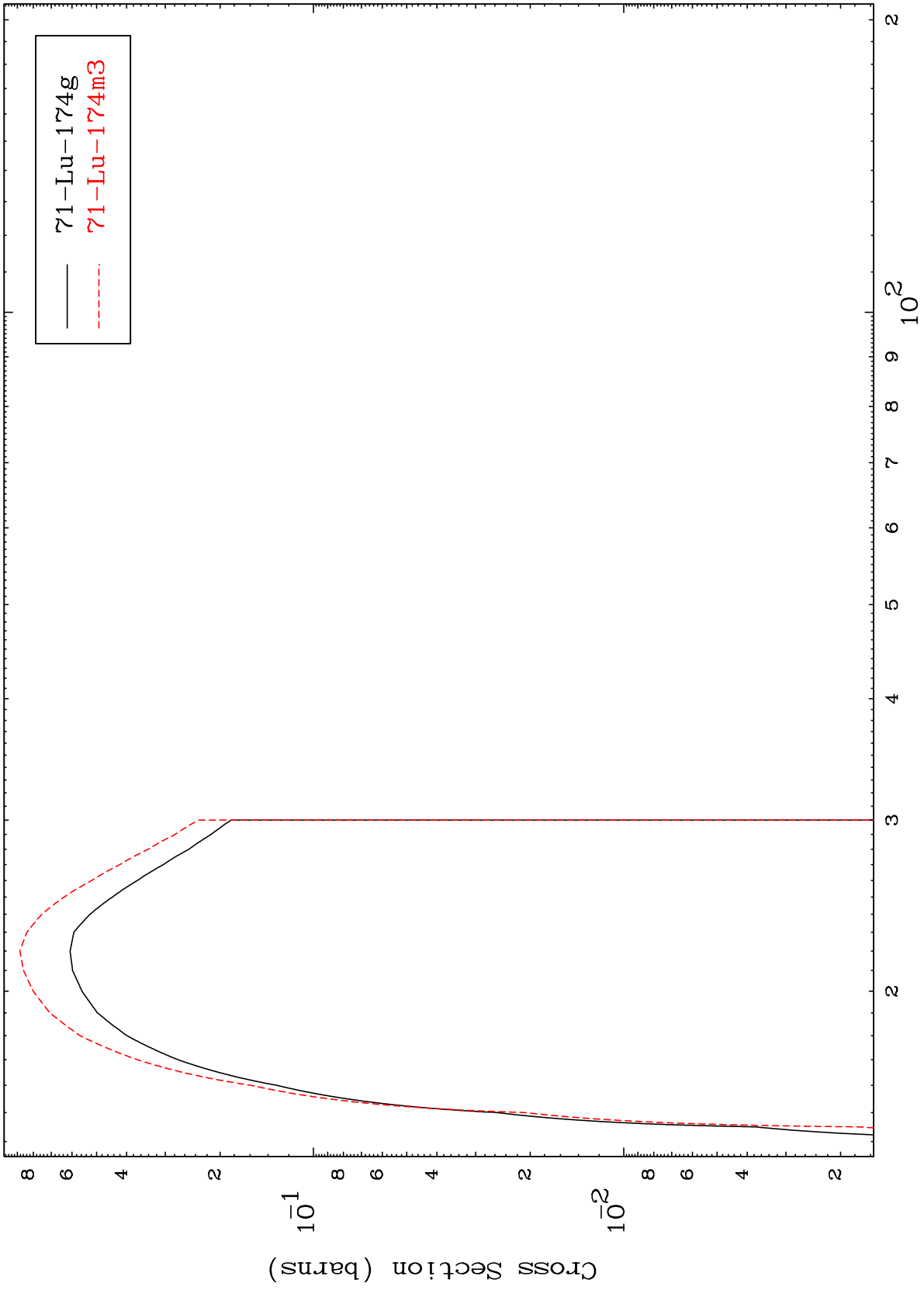
118

71-Lu-176

MAT 7128

71-Lu-176

(n,3n)
Radionuclide Production Cross Section



119

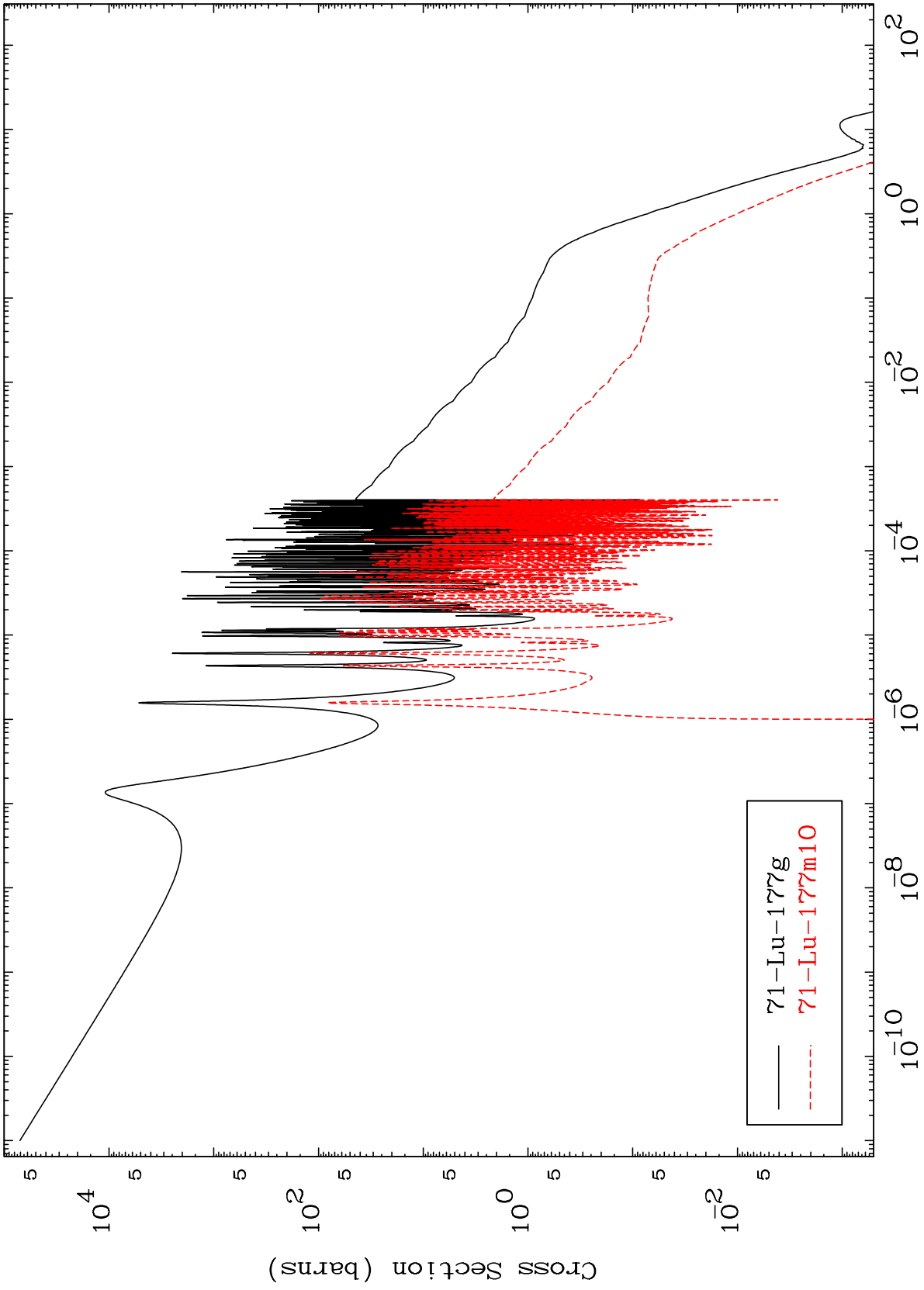
71-Lu-176

Incident Energy (MeV)

MAT 7128

71-Lu-176

(n, γ)
Radionuclide Production Cross Section



120

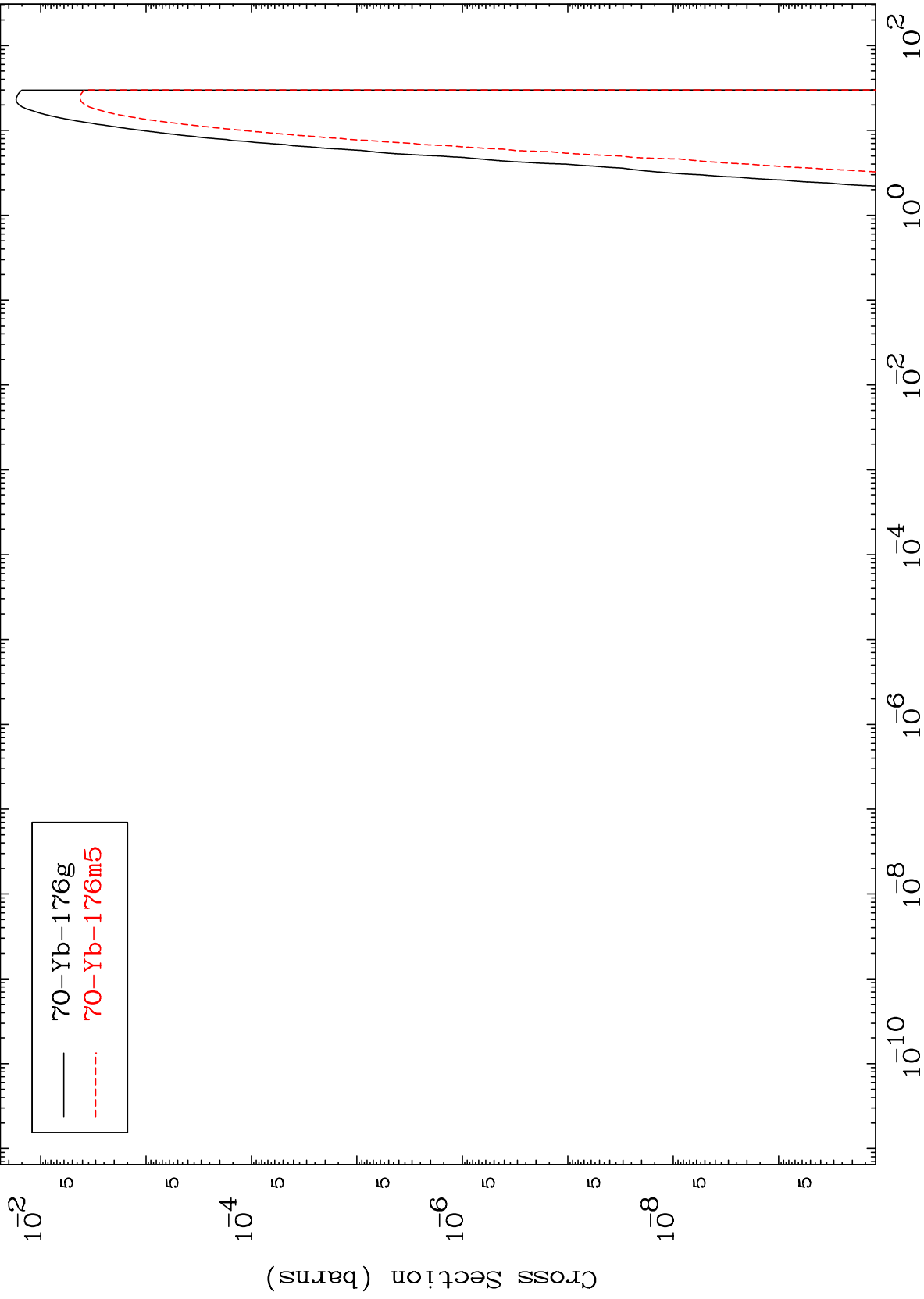
71-Lu-176

MAT 7128

(n,p)

71-Lu-176

Radionuclide Production Cross Section



121

Incident Energy (MeV)

71-Lu-176