

Program EVALPLOT  
(Version 2018-1)

by

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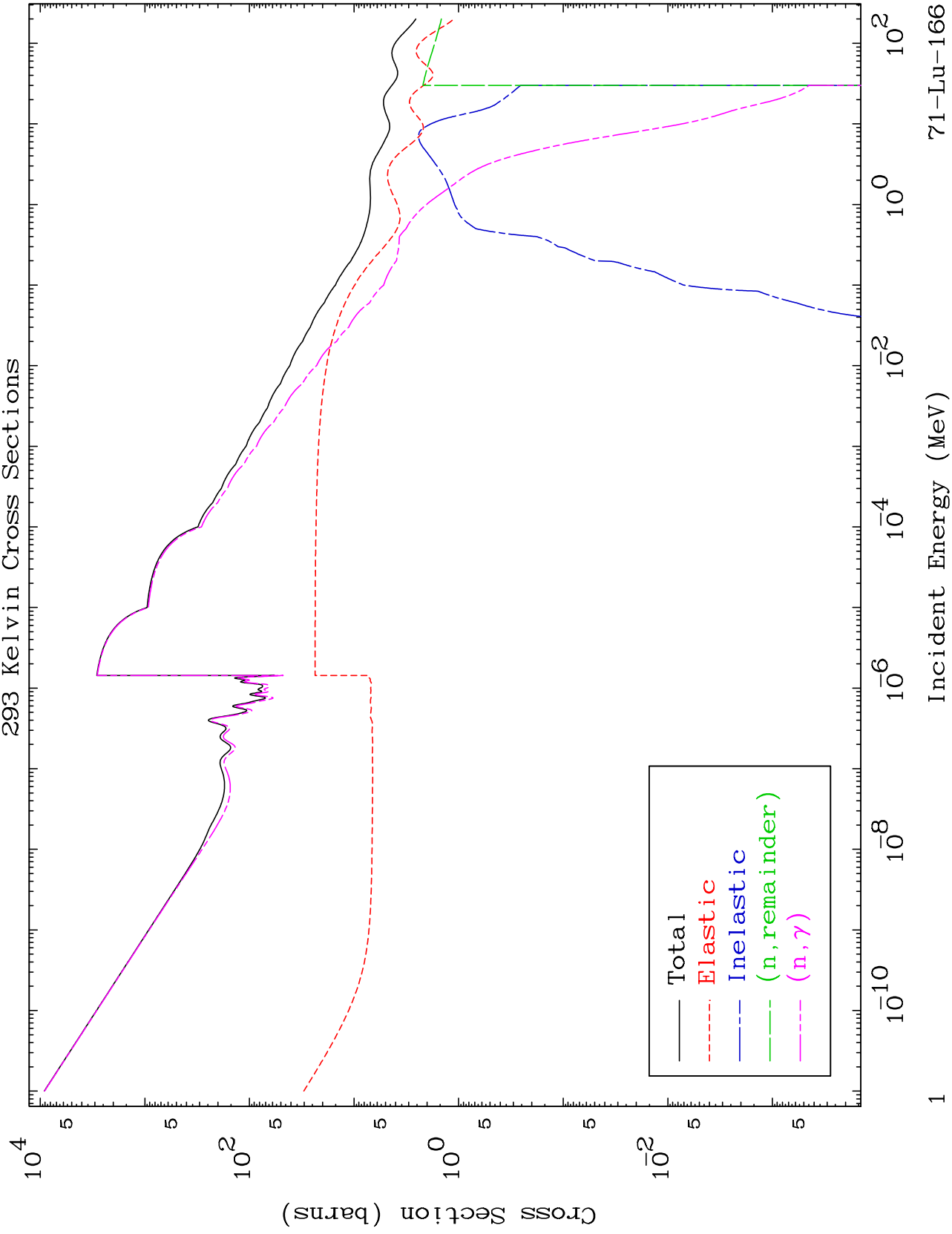
Press Mouse Button to Start

MAT 7098

Major

293 Kelvin Cross Sections

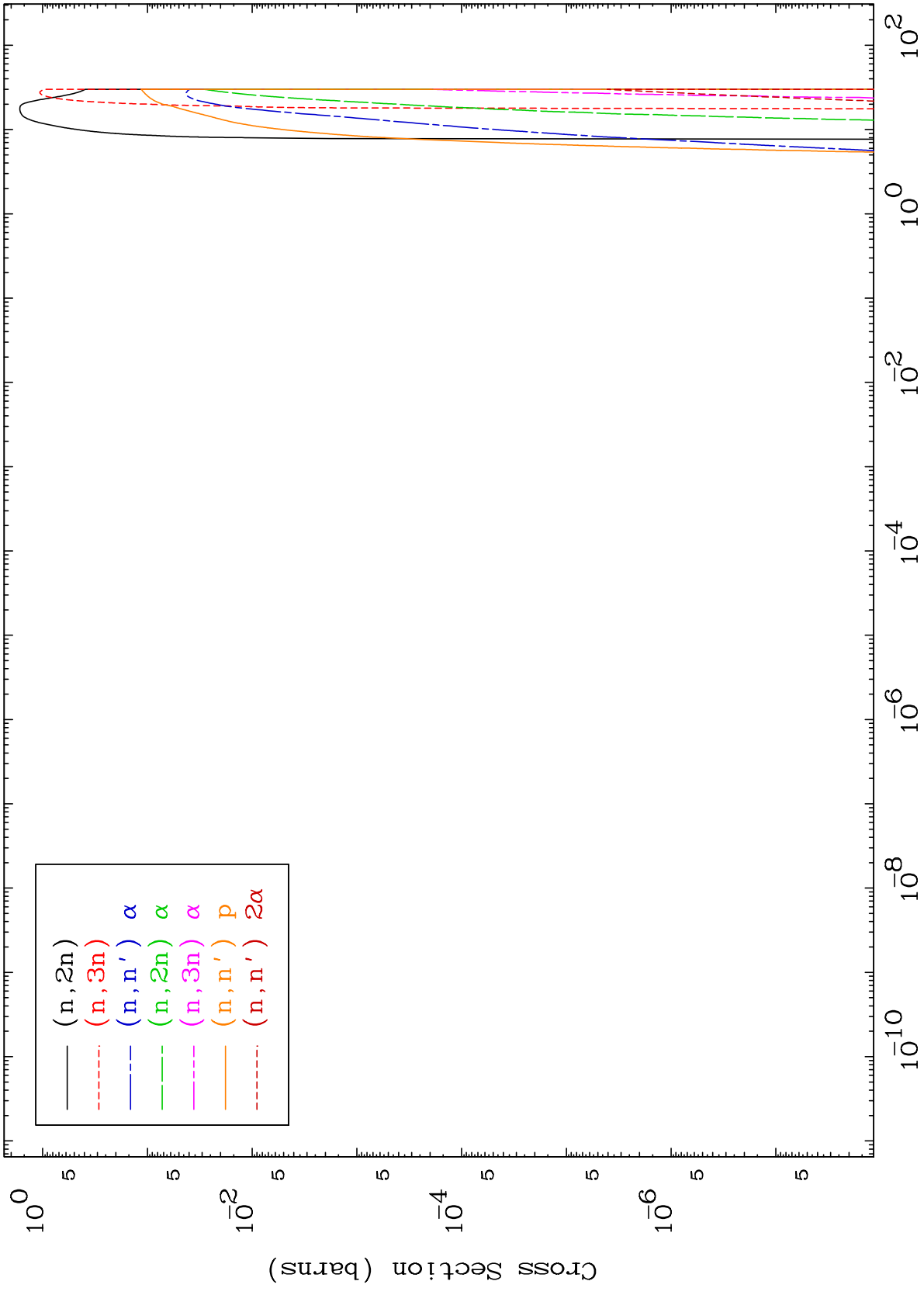
71-Lu-166



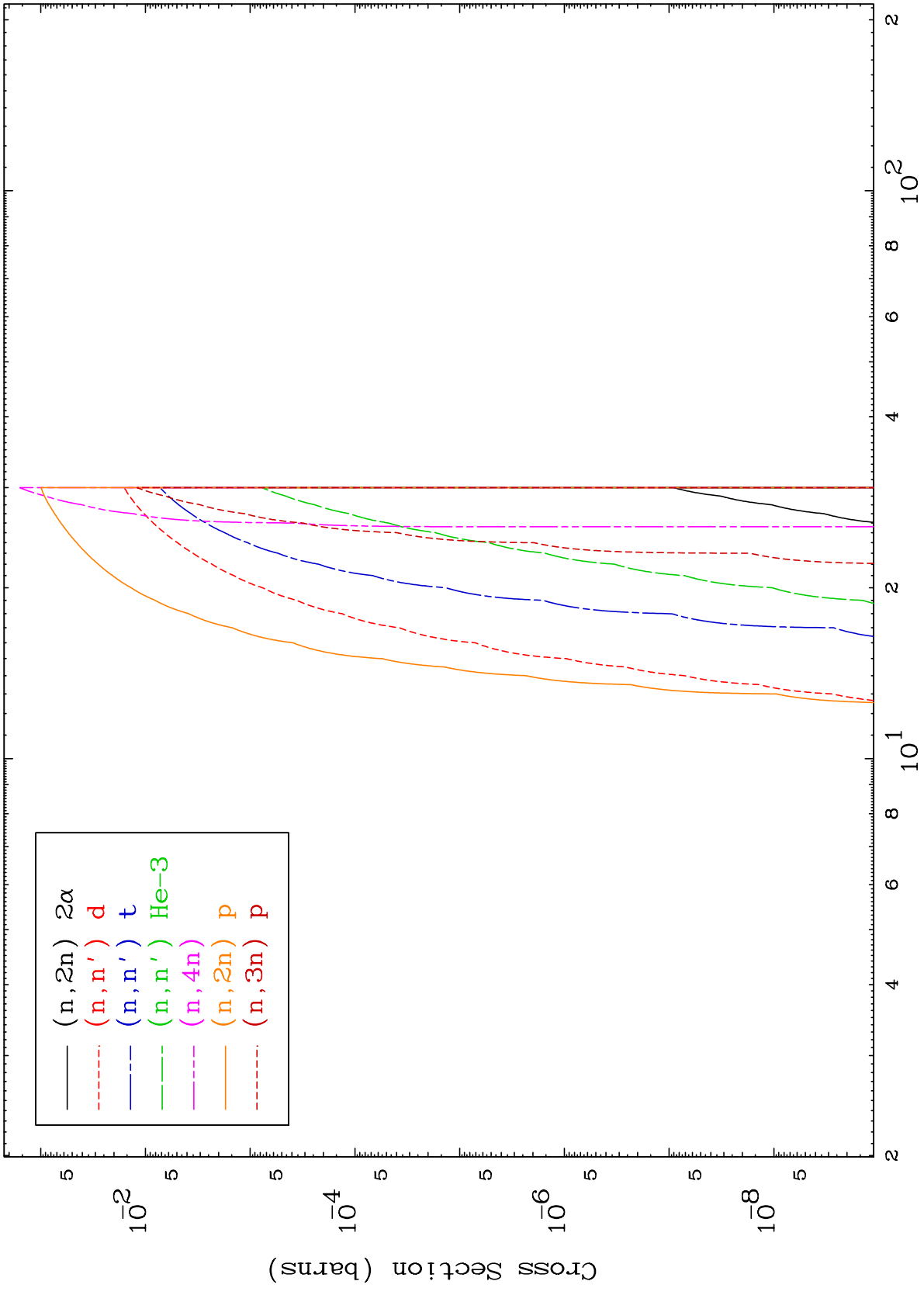
MAT 7098

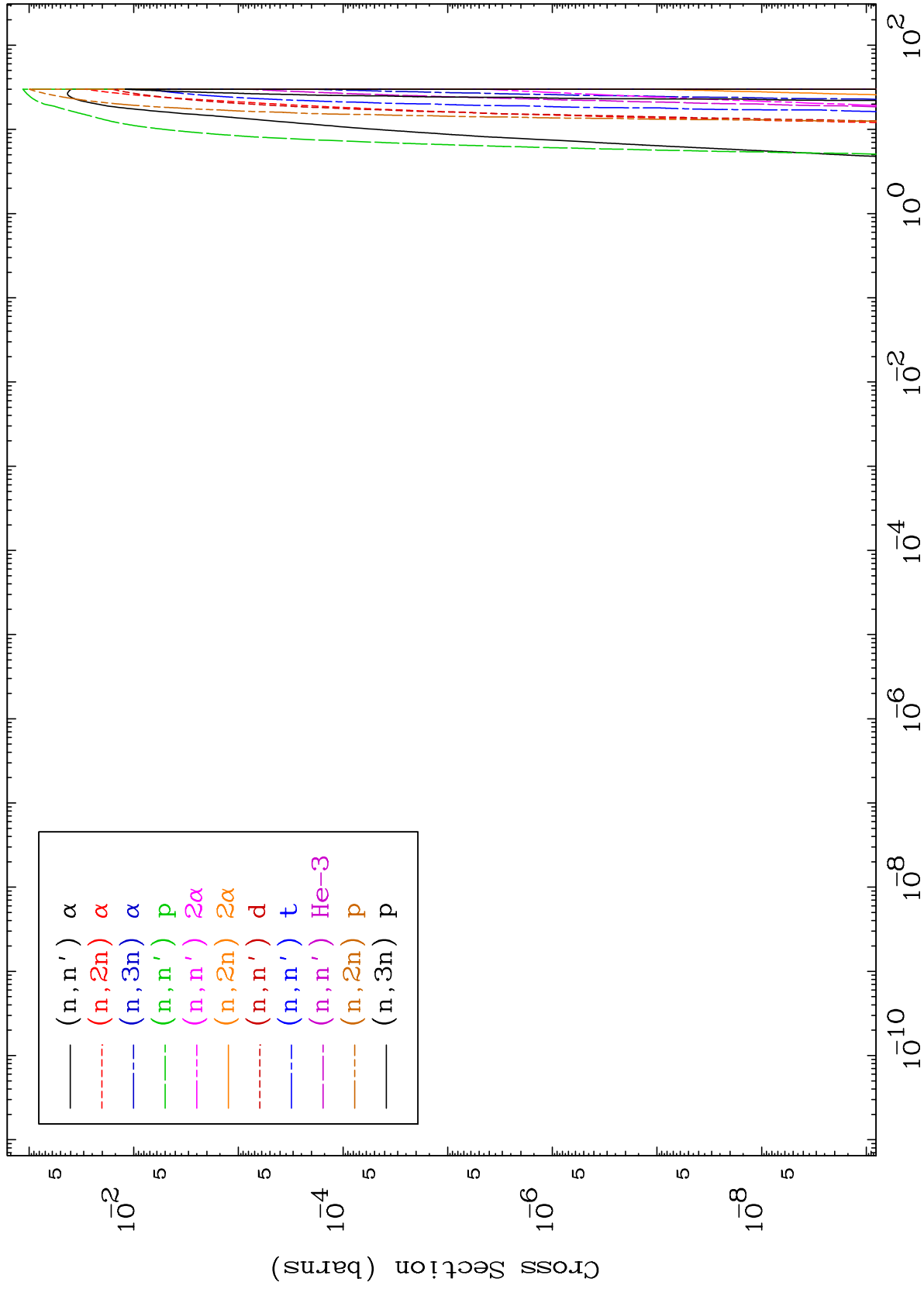
Neutron Production  
293 Kelvin Cross Sections

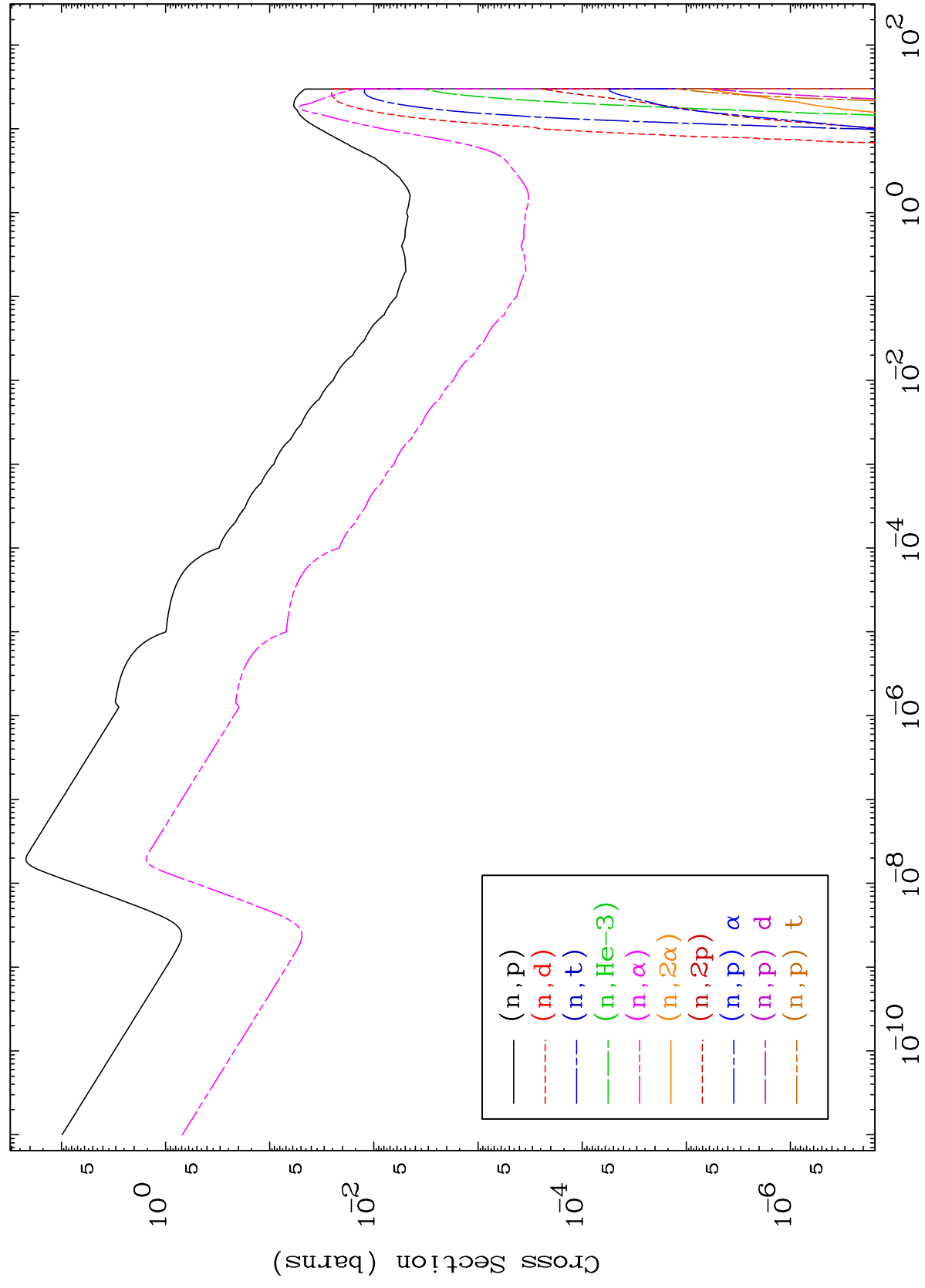
71-Lu-166

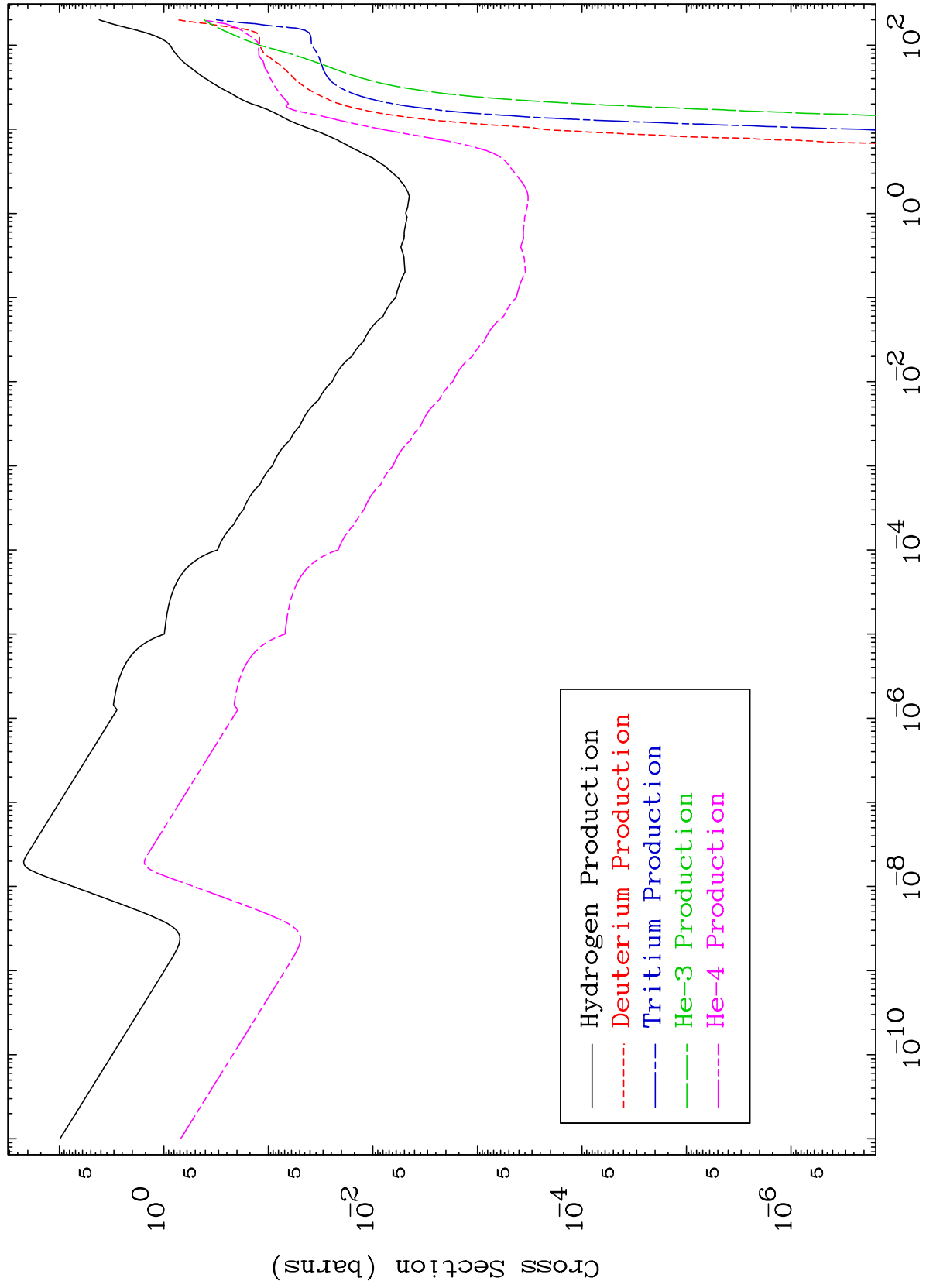


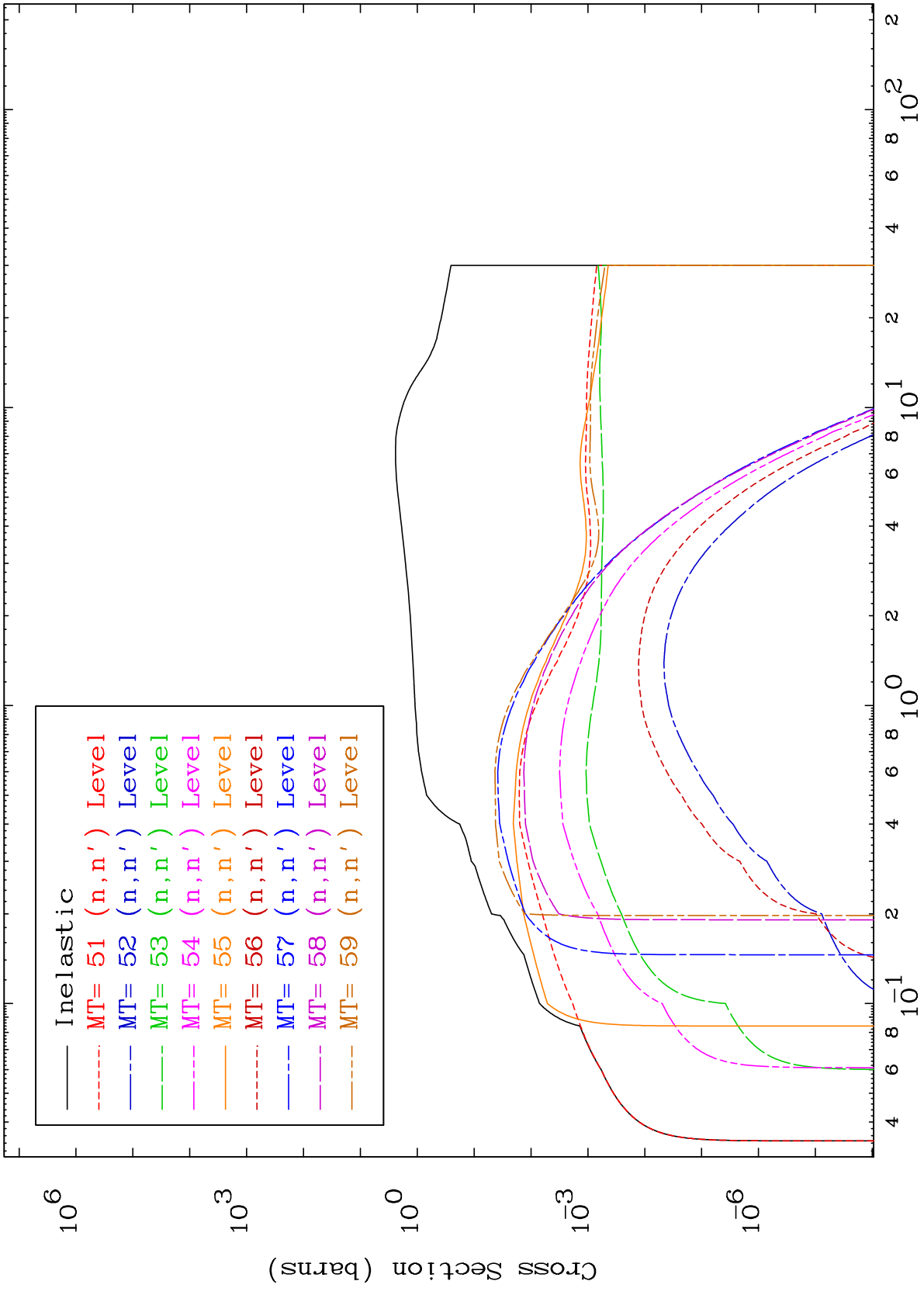
71-Lu-166











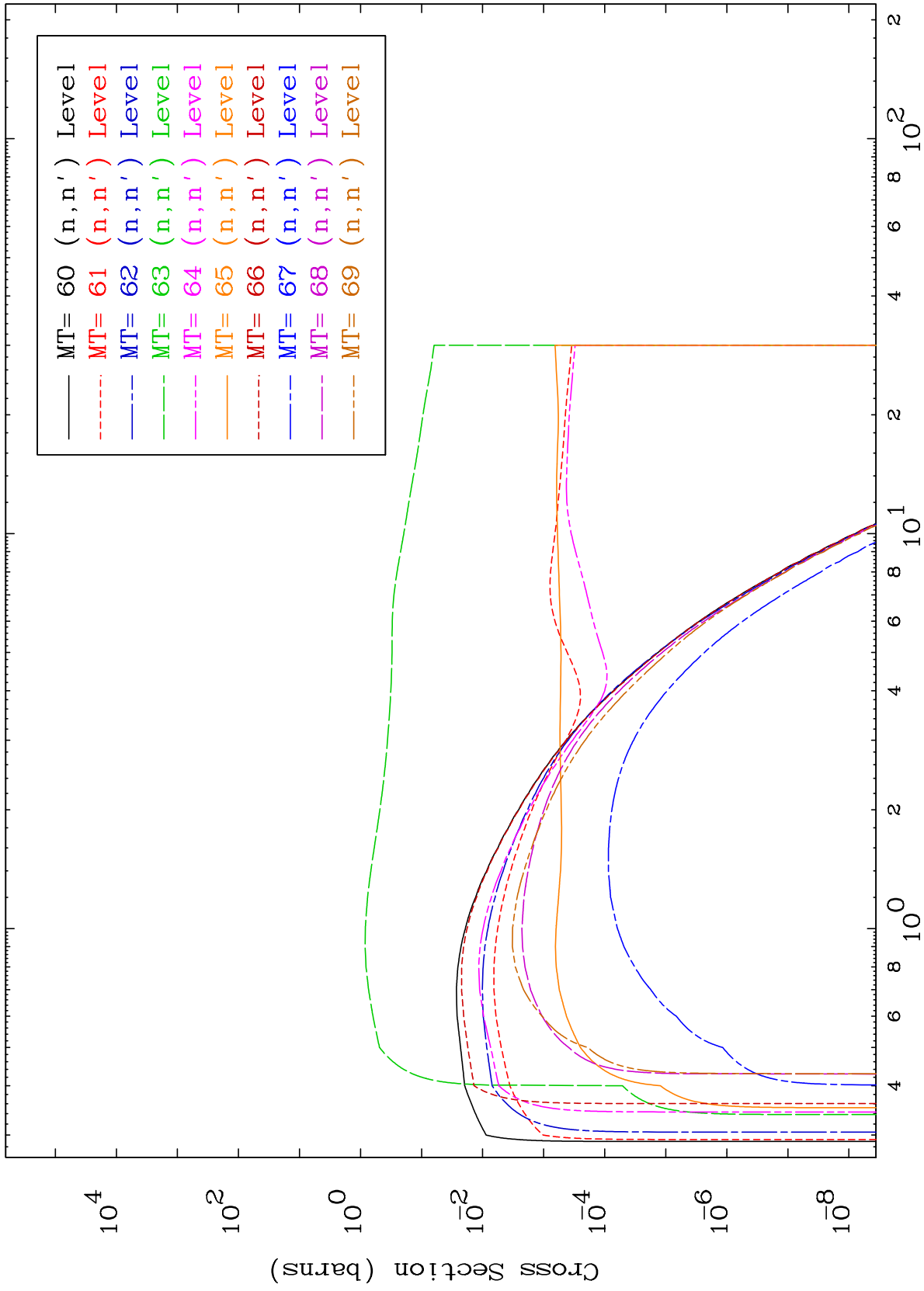


MAT 7098

(n,n') Level

71-Lu-166

293 Kelvin Cross Sections



8

Incident Energy (MeV)

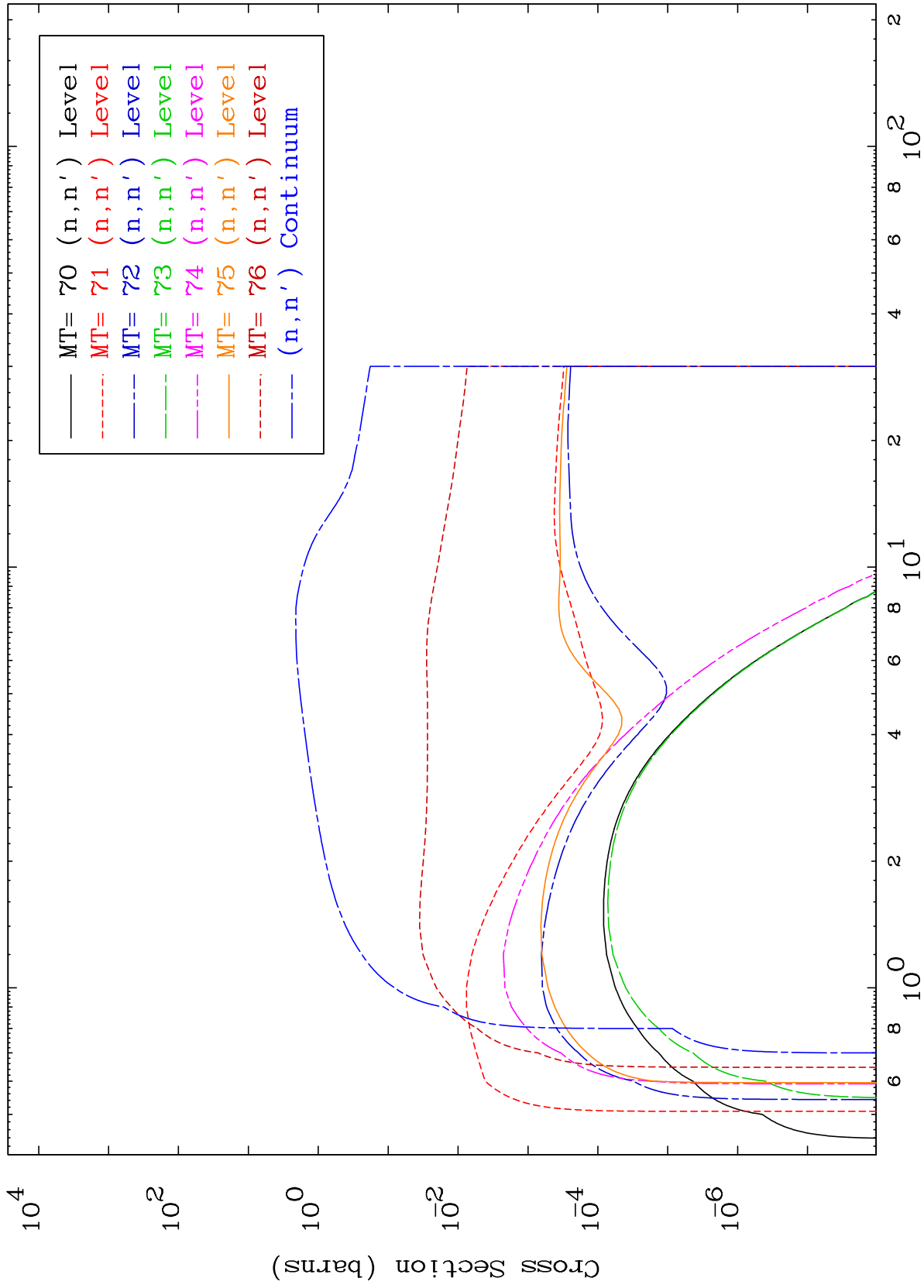
71-Lu-166

MAT 7098

(n,n') Level

71-Lu-166

293 Kelvin Cross Sections



9

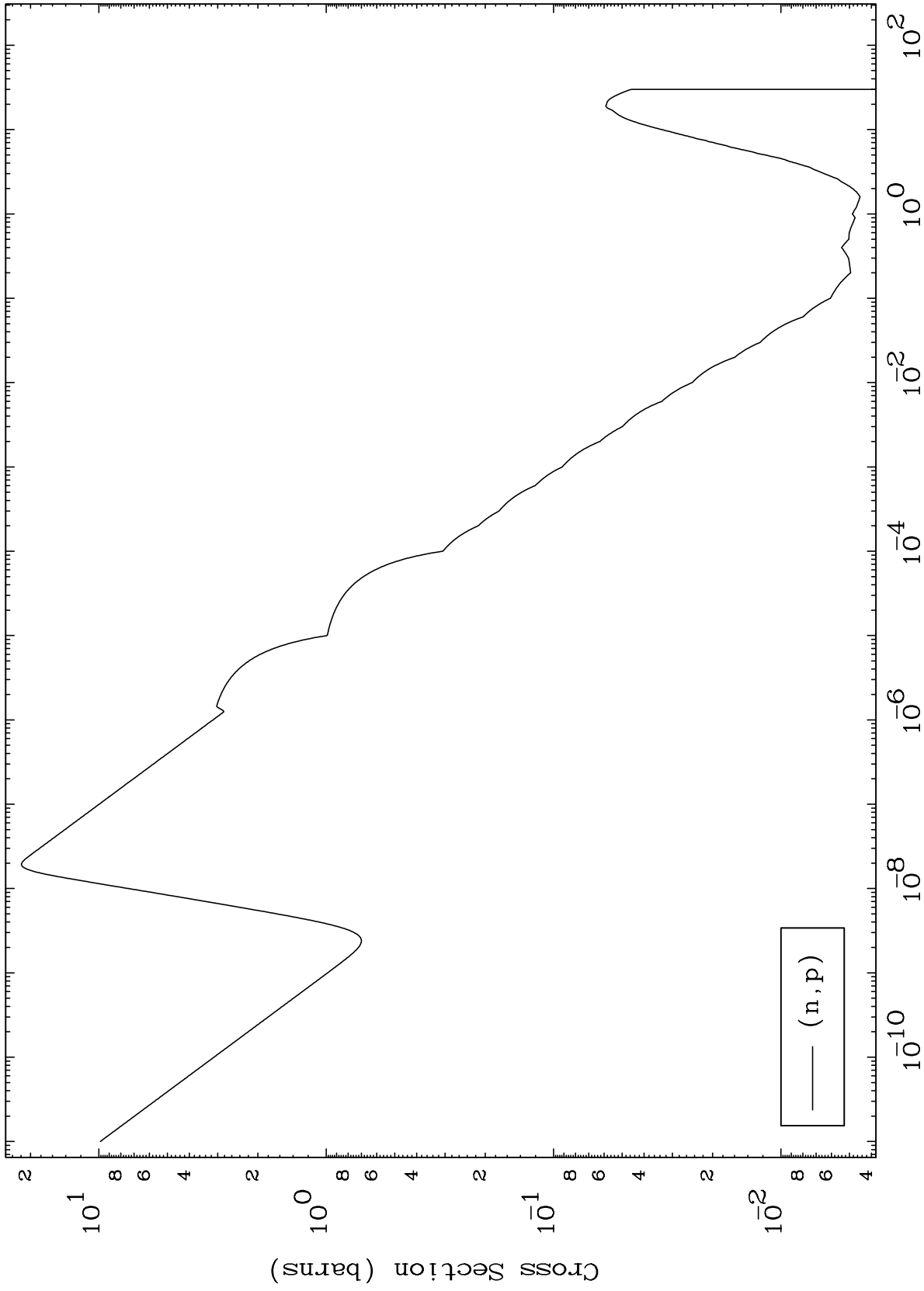
Incident Energy (MeV)

71-Lu-166

MAT 7098

(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-166



10

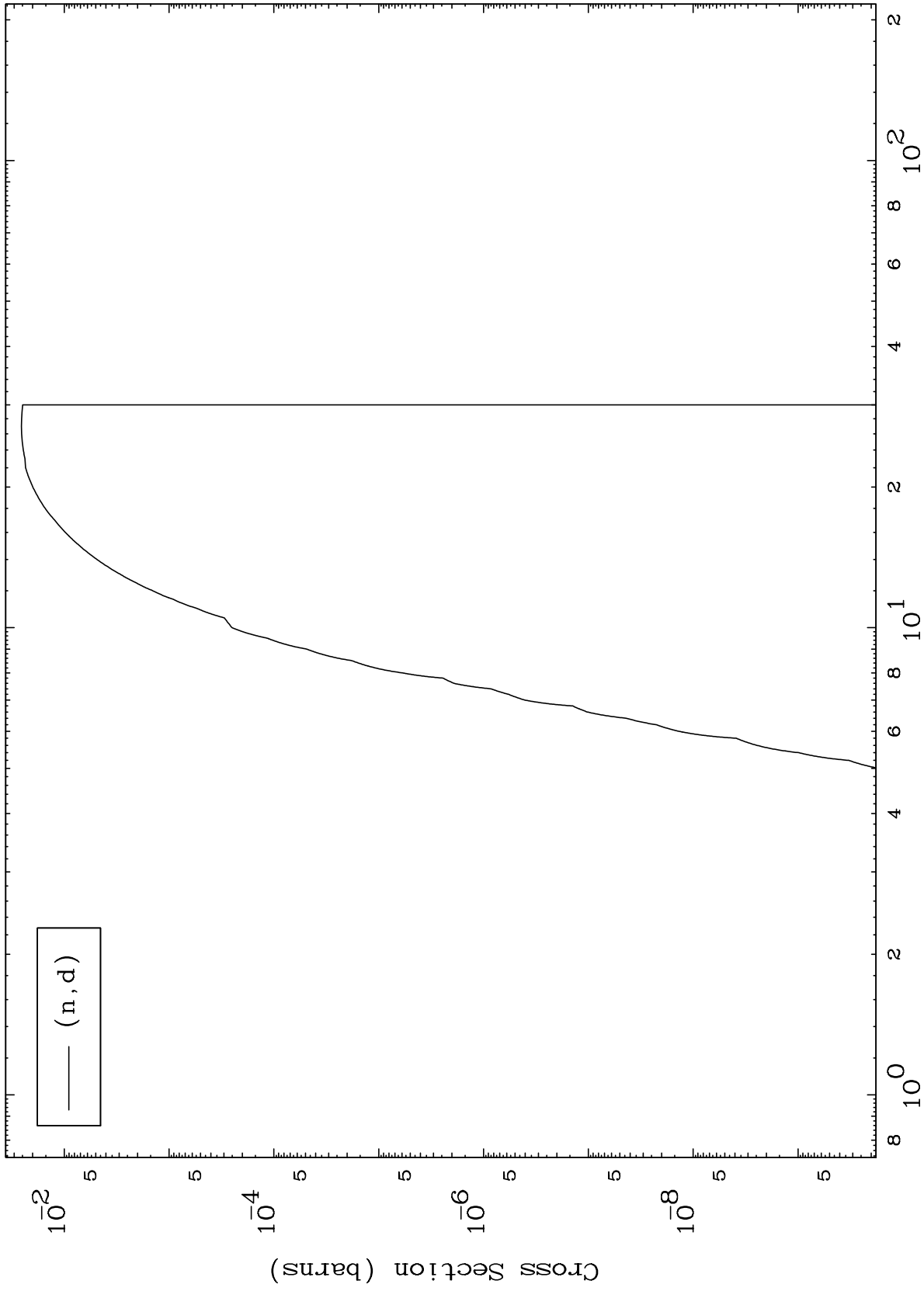
Incident Energy (MeV)

71-Lu-166

MAT 7098

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-166



11

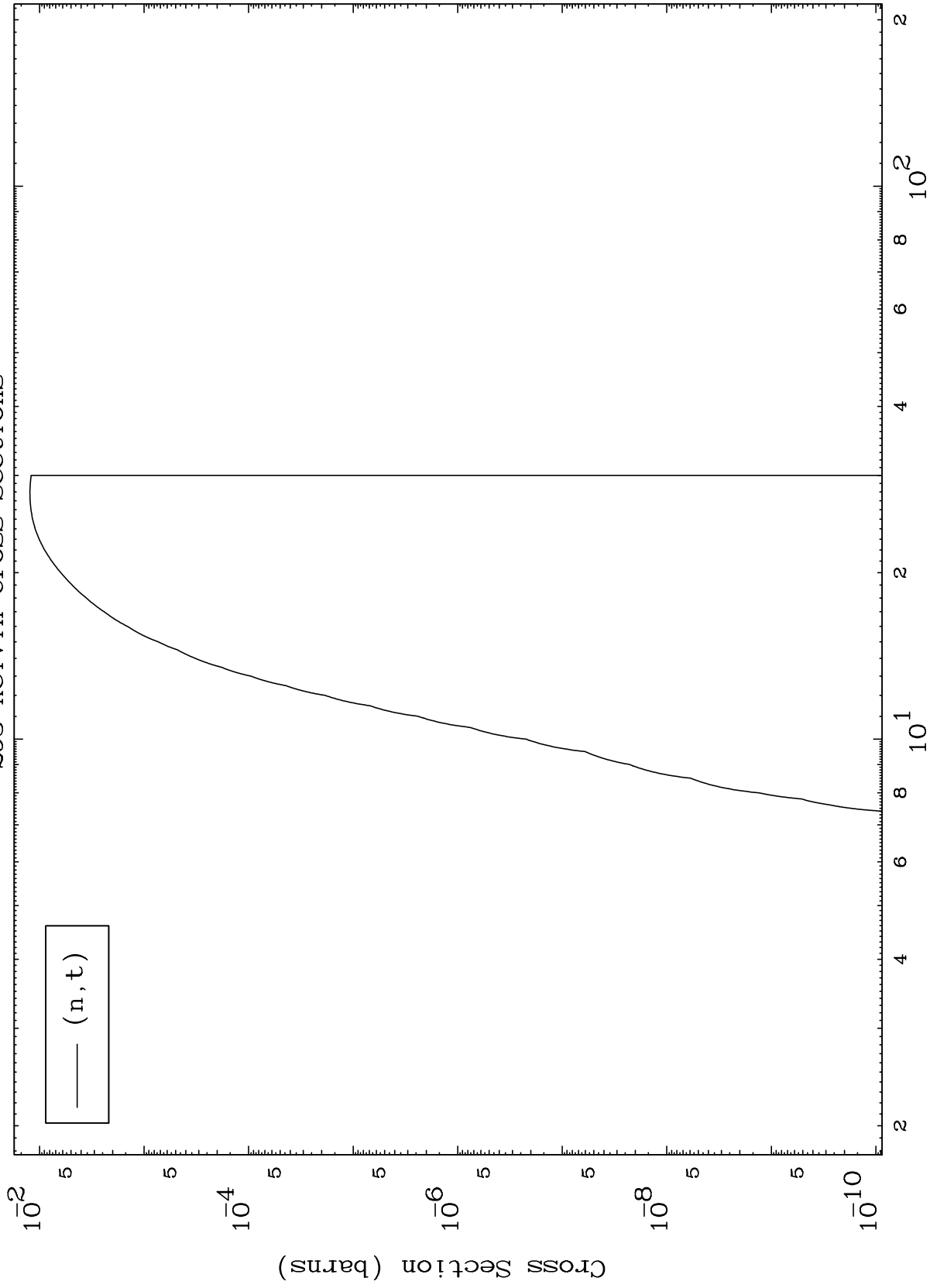
Incident Energy (MeV)

71-Lu-166

MAT 7098

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-166



12

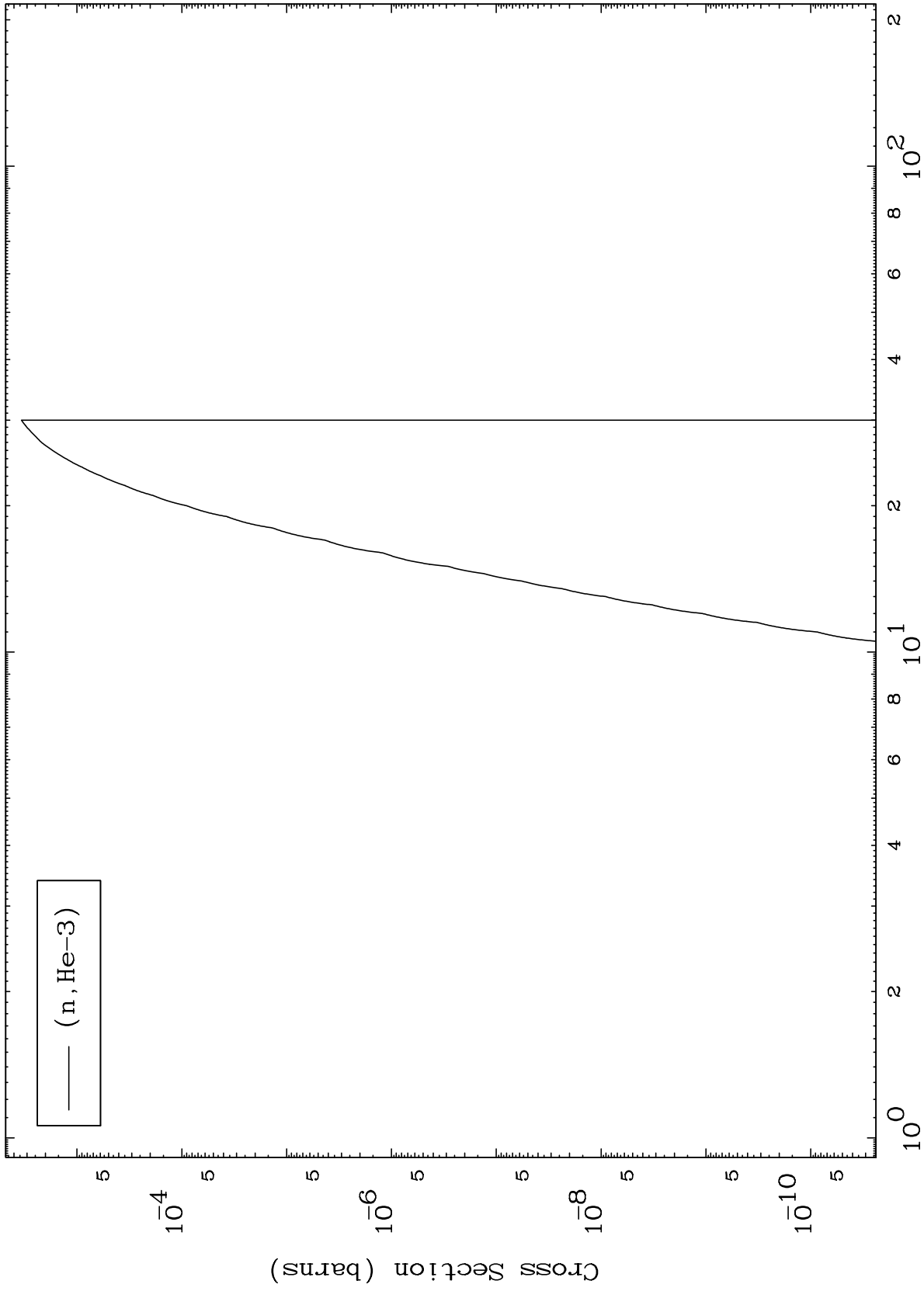
Incident Energy (MeV)

71-Lu-166

MAT 7098

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-166



13

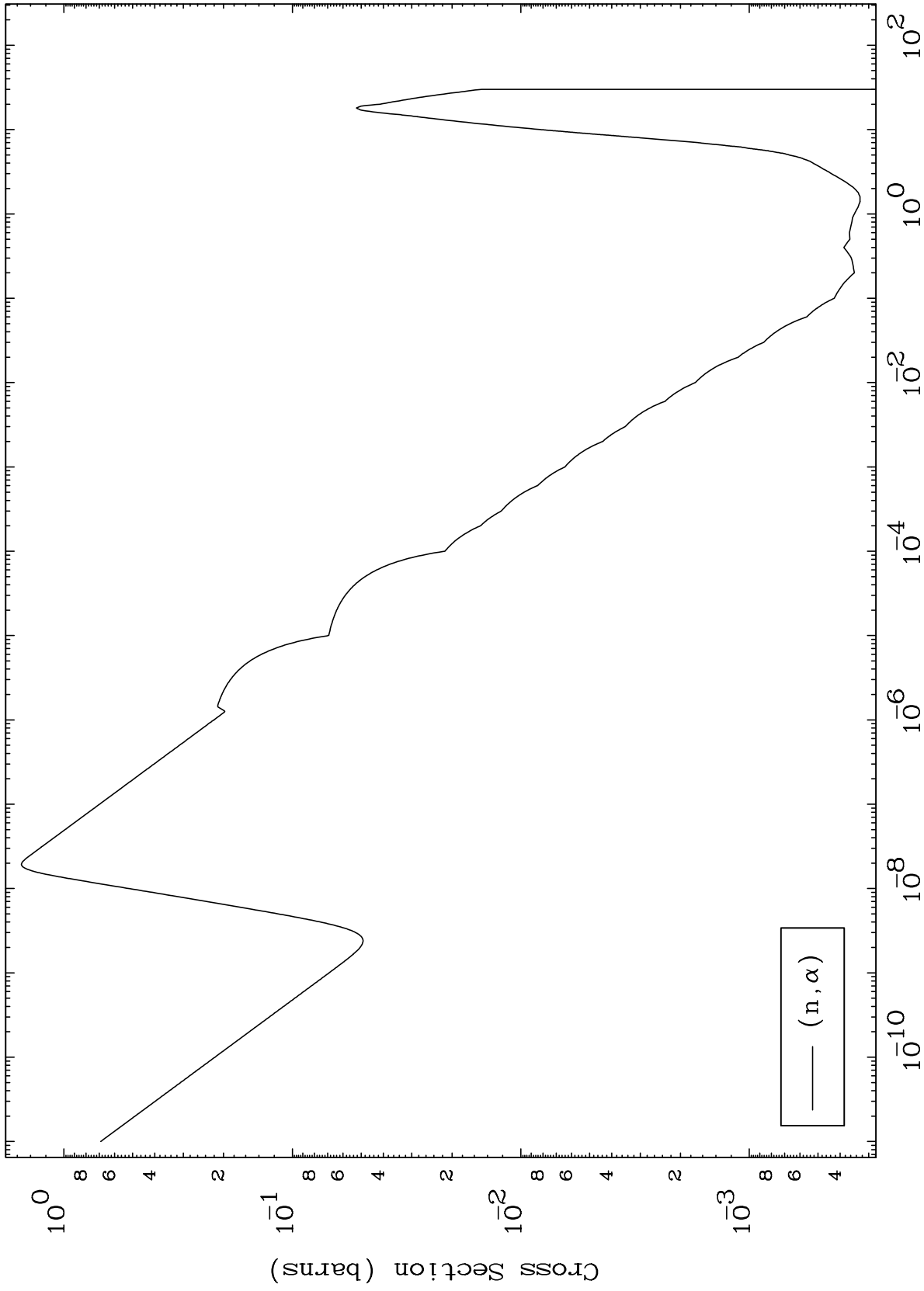
Incident Energy (MeV)

71-Lu-166

MAT 7098

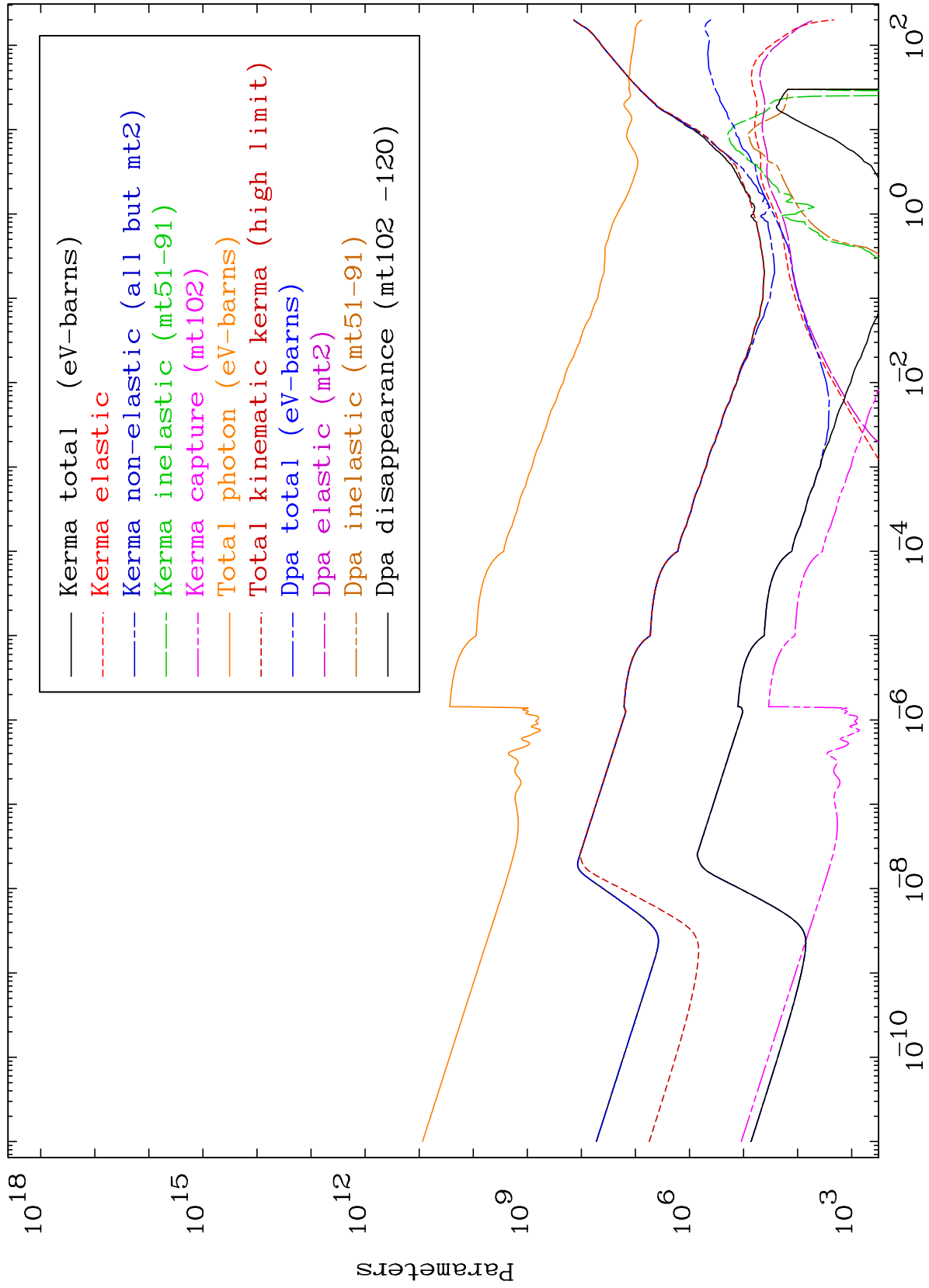
(n,α) Levels  
293 Kelvin Cross Sections

71-Lu-166



Incident Energy (MeV)

71-Lu-166

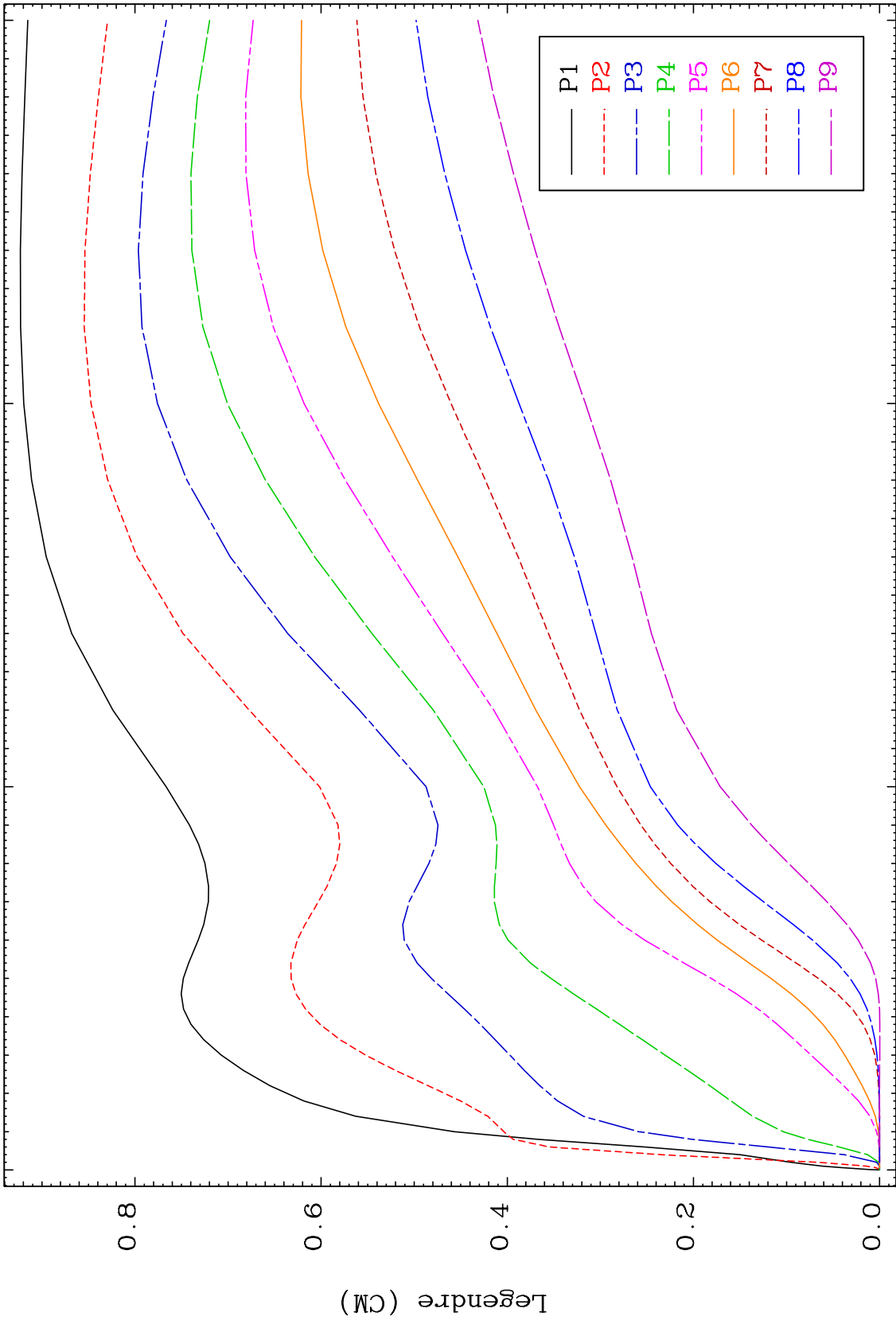




MAT 7098

71-Lu-166

Elastic Legendre Coefficients



71-Lu-166

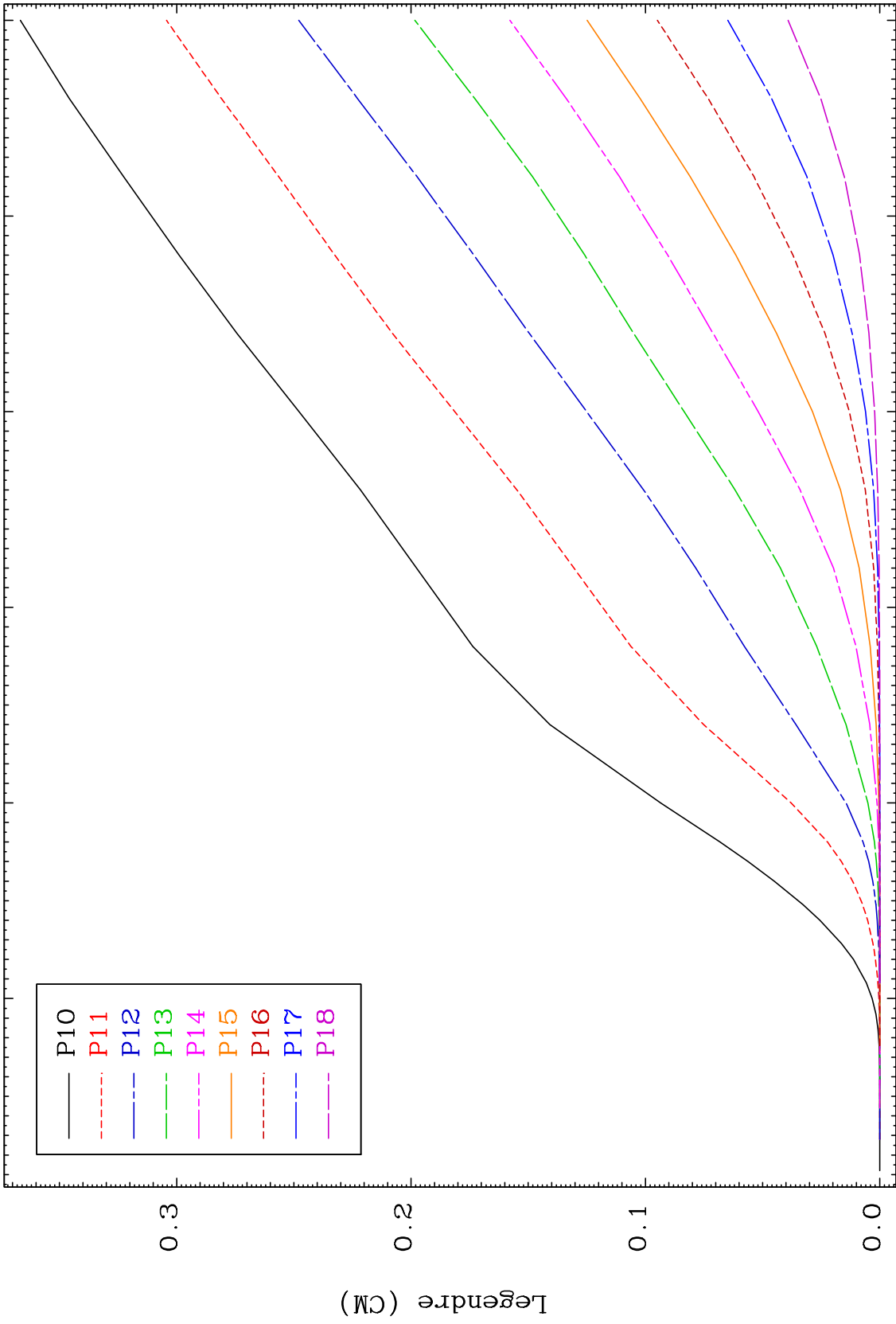
Incident Energy (MeV)

16

MAT 7098

Elastic Legendre Coefficients

<sup>71</sup>Lu-166



17

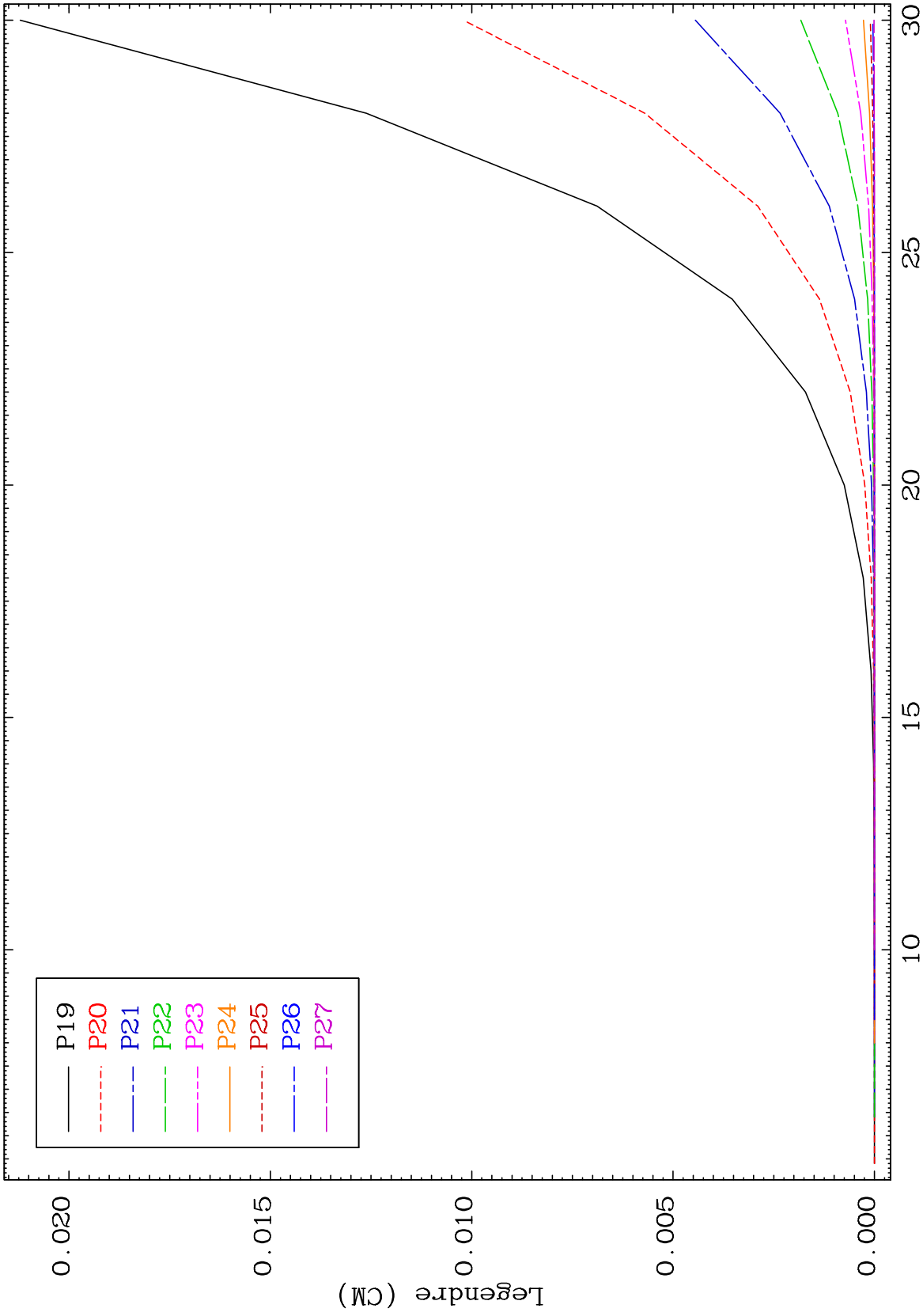
Incident Energy (MeV)

<sup>71</sup>Lu-166

MAT 7098

### Elastic Legendre Coefficients

71-Lu-166



18

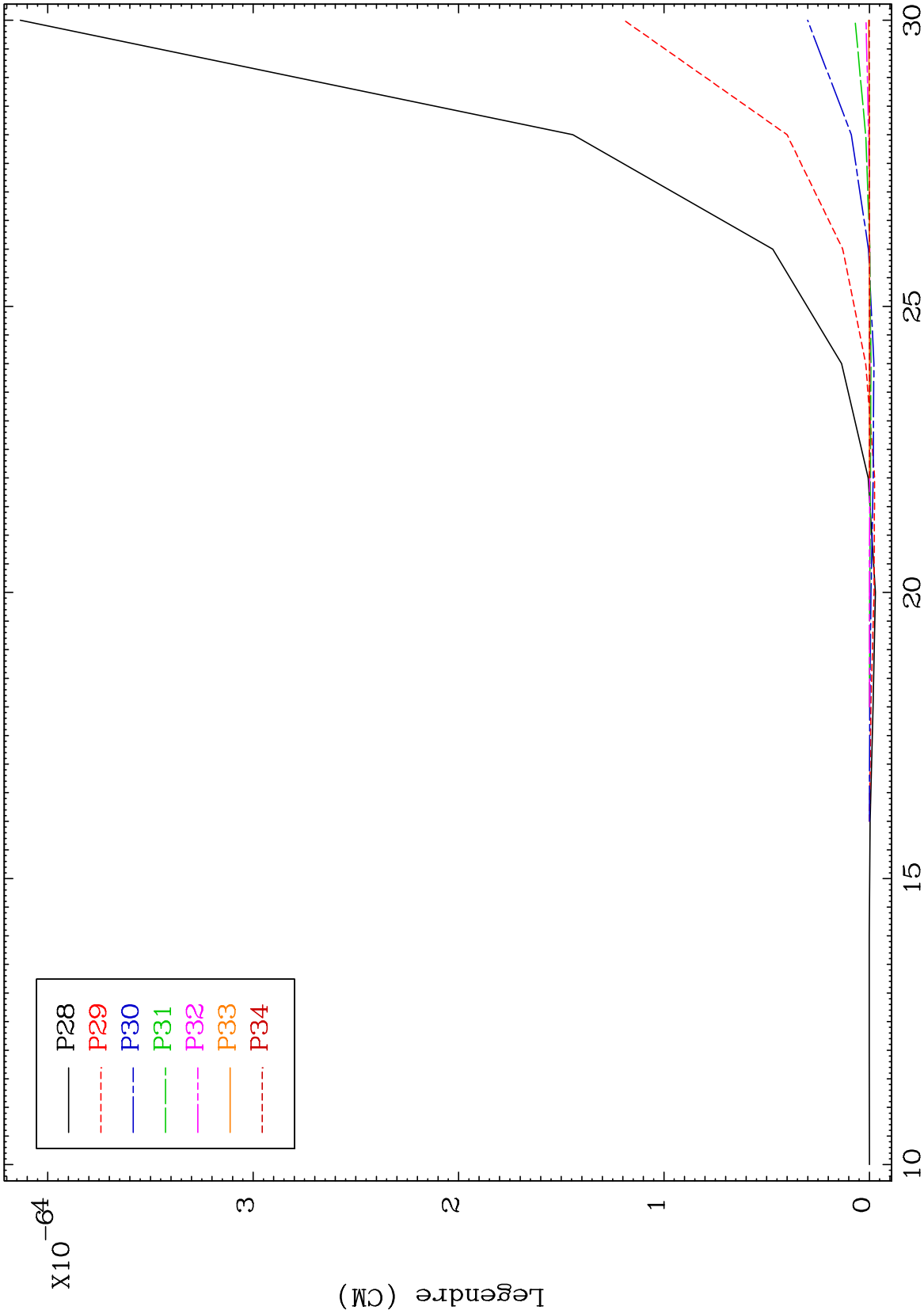
Incident Energy (MeV)

71-Lu-166

MAT 7098

Elastic Legendre Coefficients

71-Lu-166



19

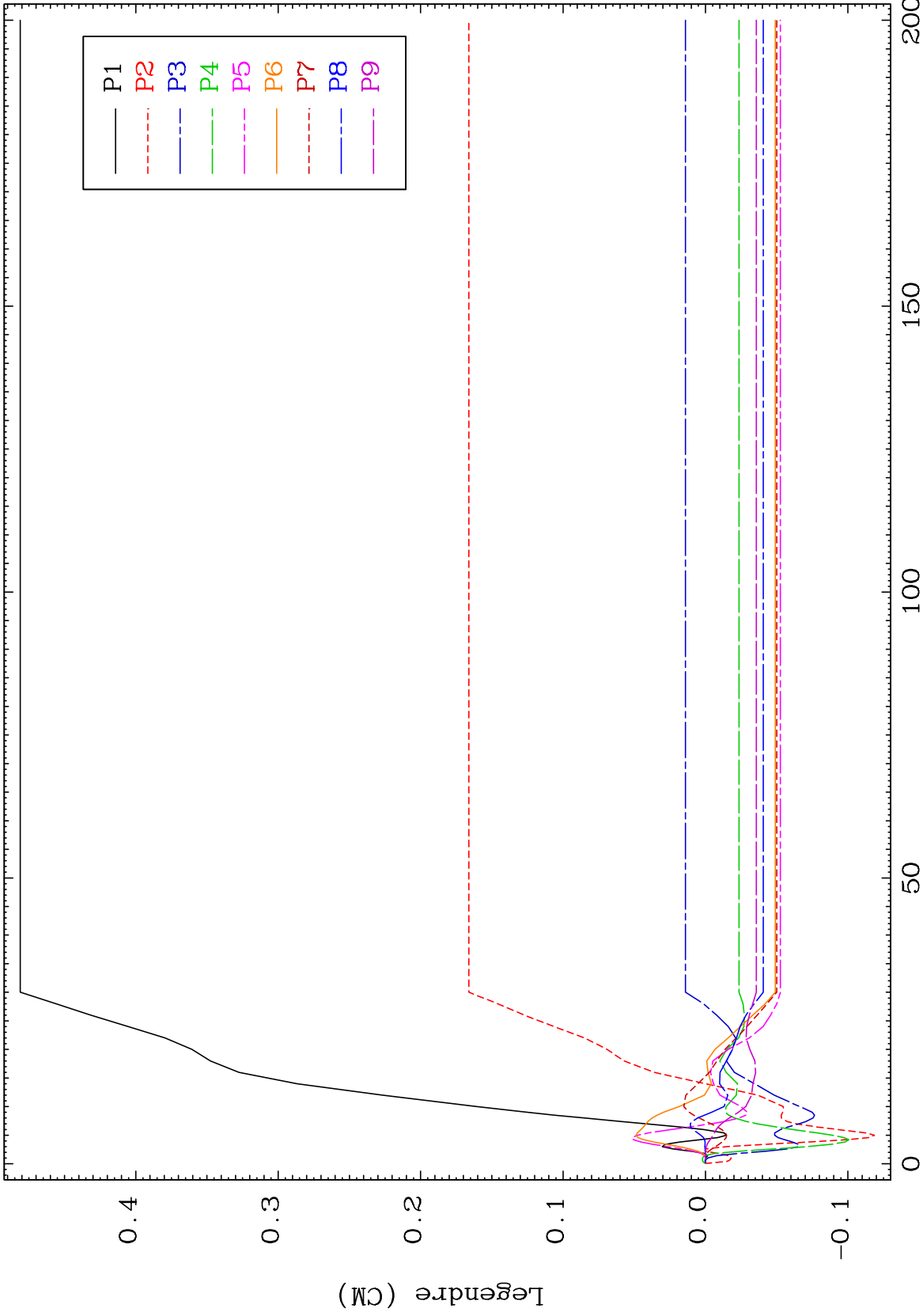
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



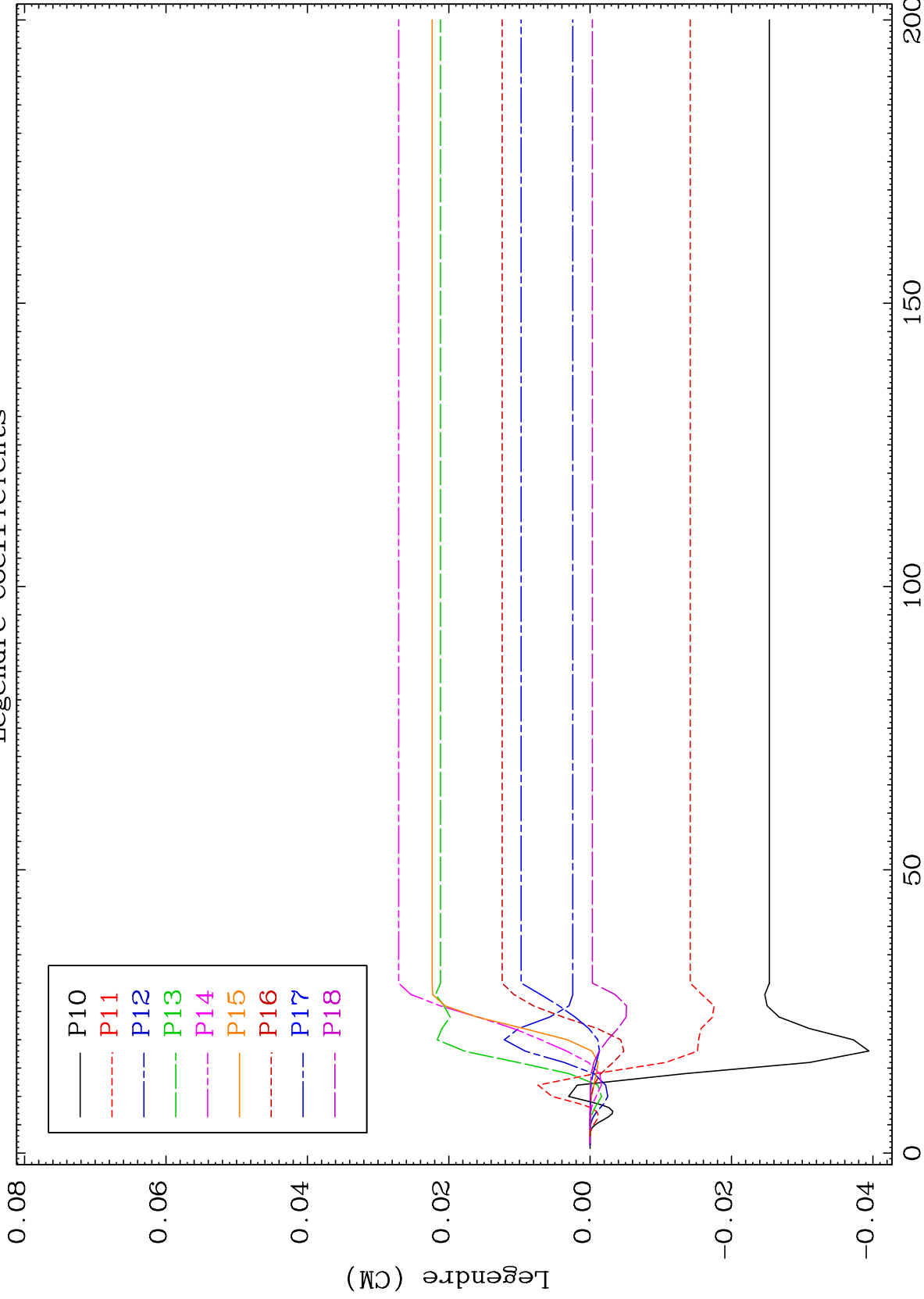
71-Lu-166

Incident Energy (MeV)

MAT 7098

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

71-Lu-166



21

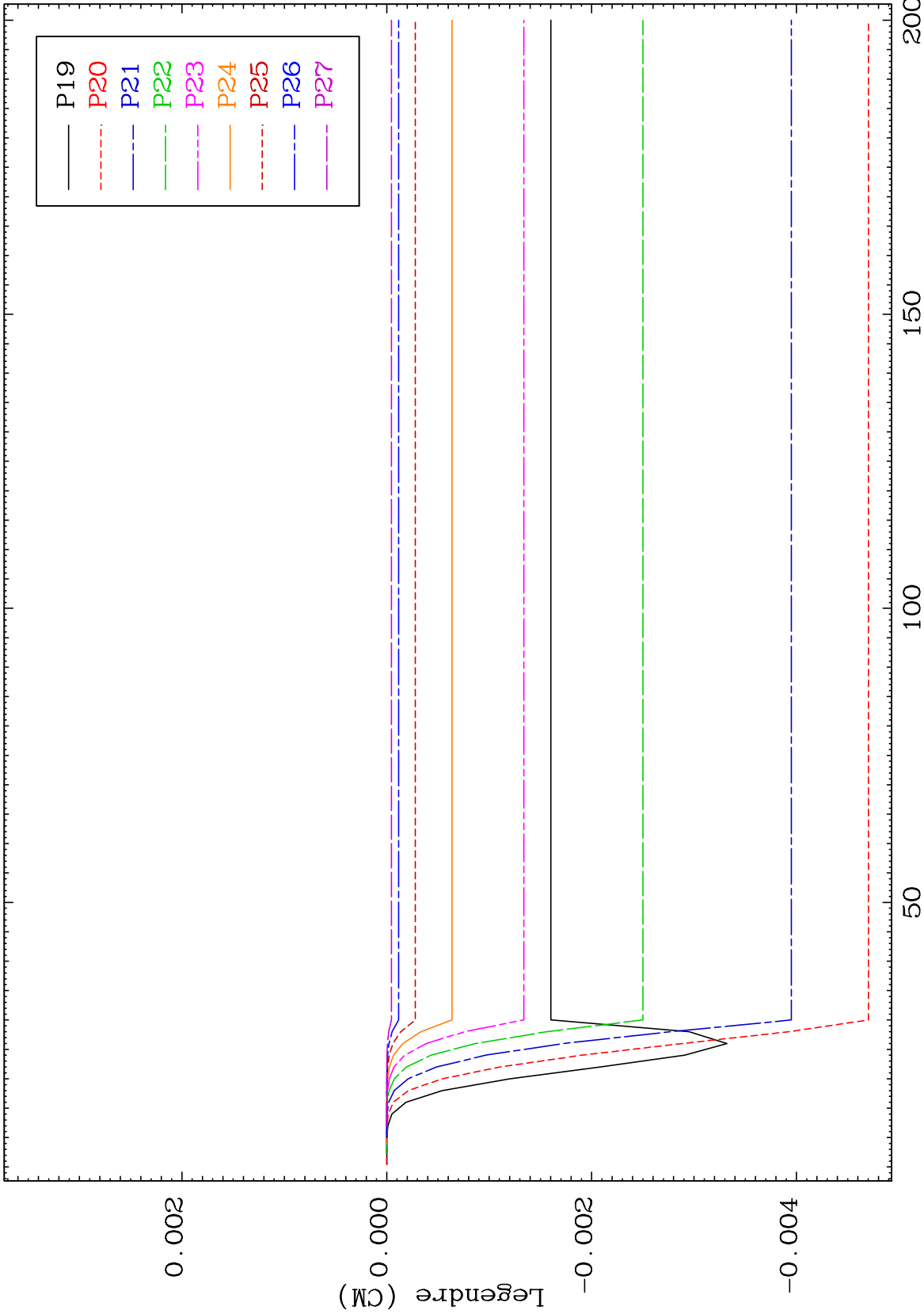
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

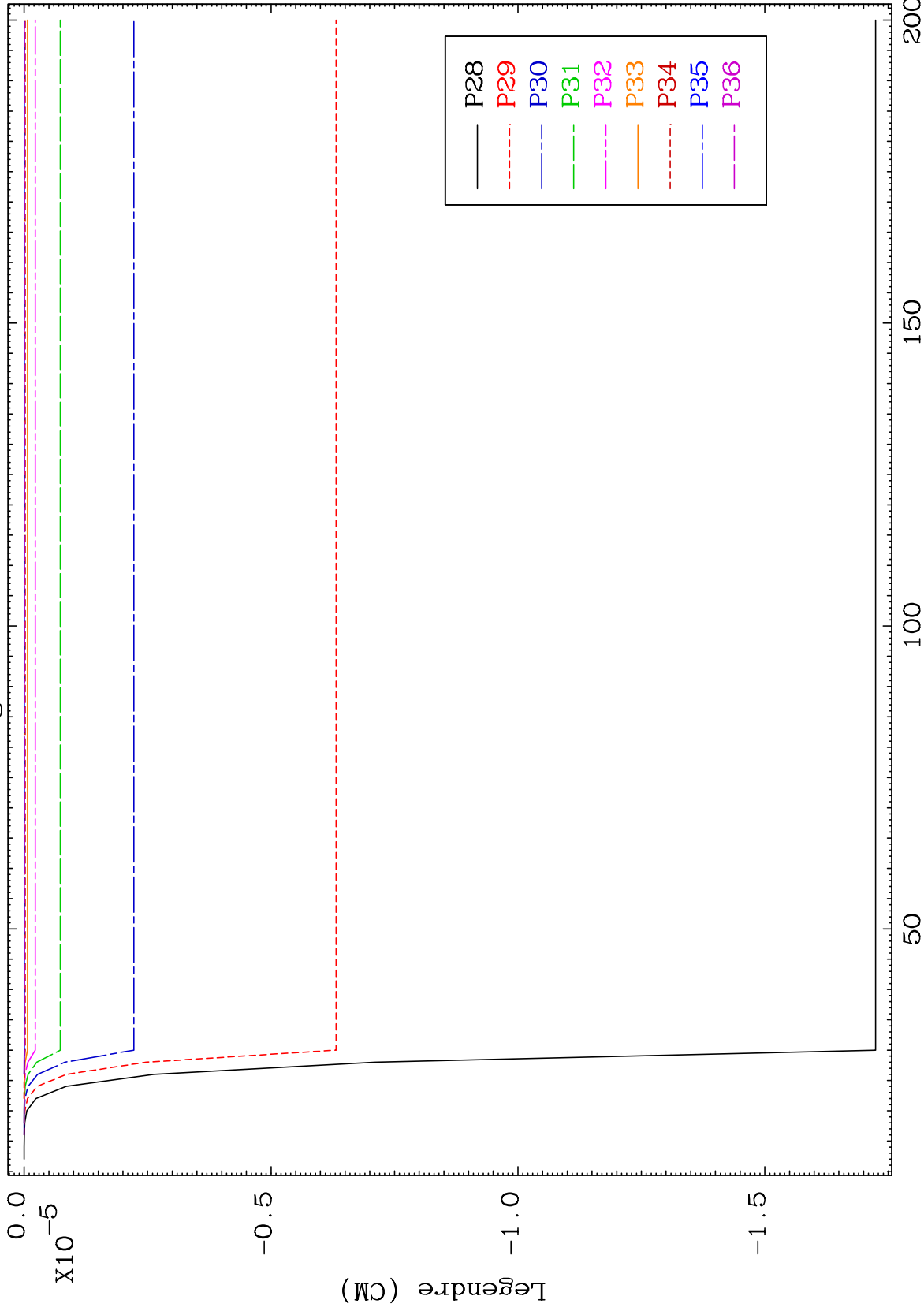
71-Lu-166



22

Incident Energy (MeV)

71-Lu-166

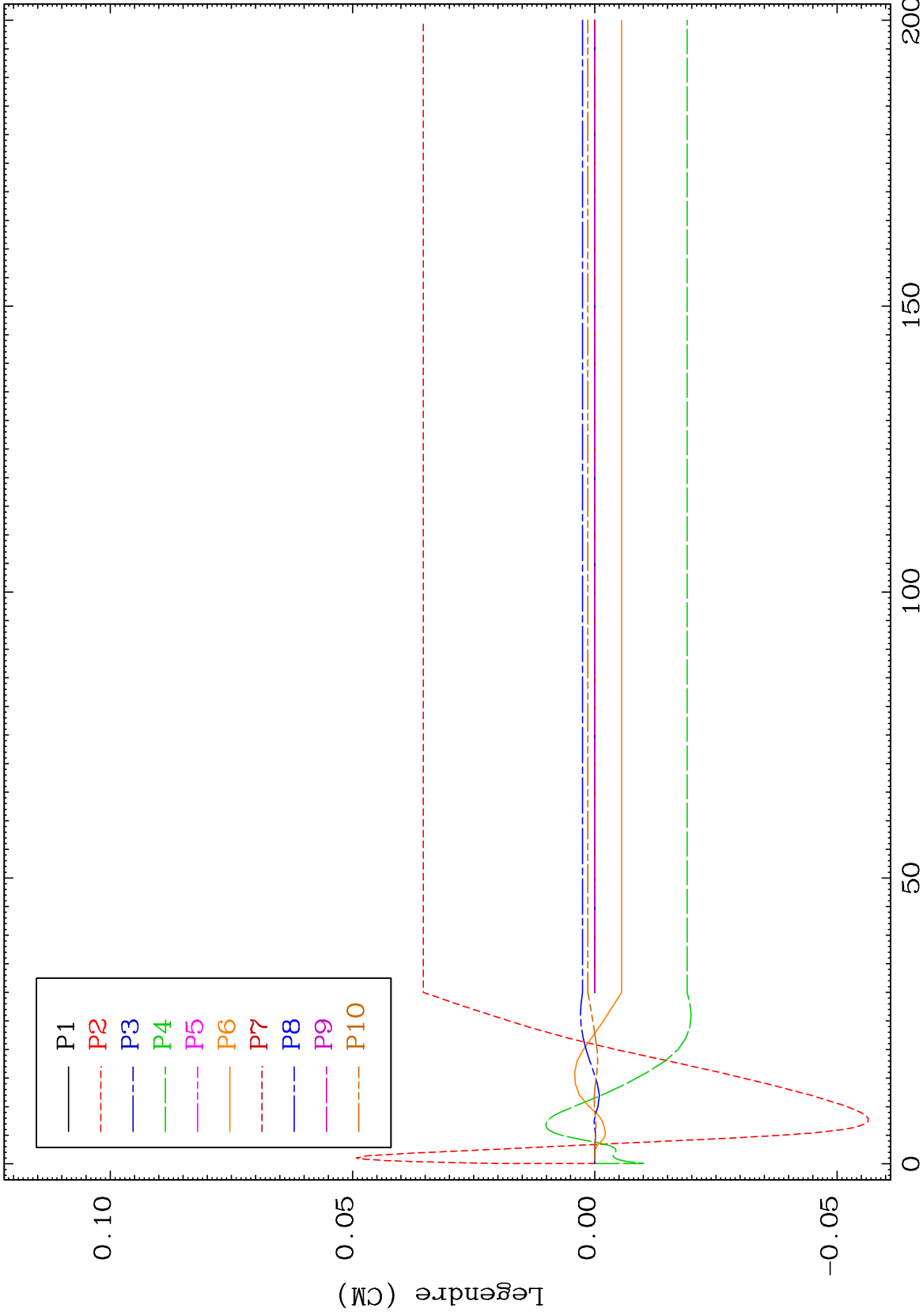




MAT 7098

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

71-Lu-166



24

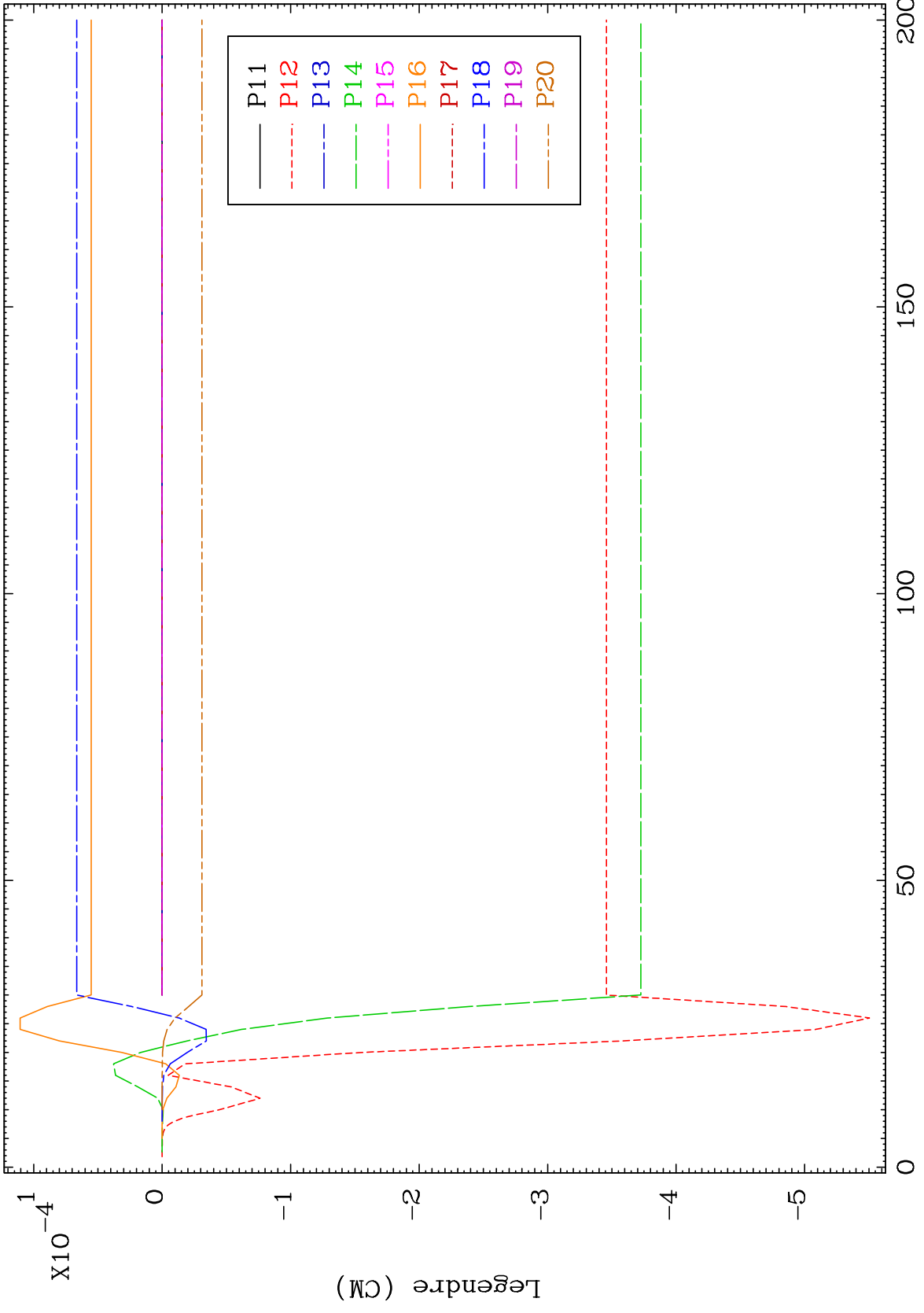
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



25

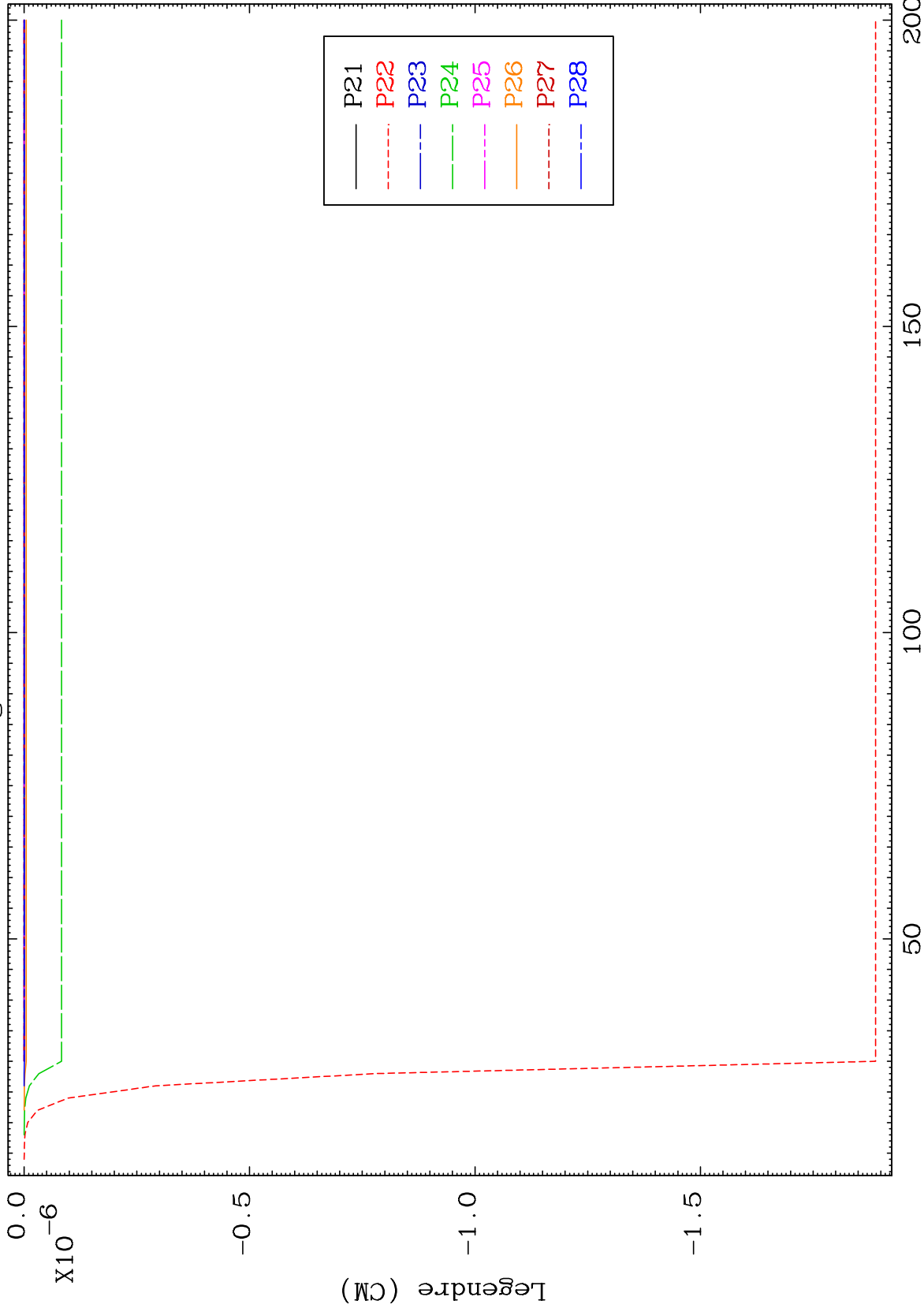
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



26

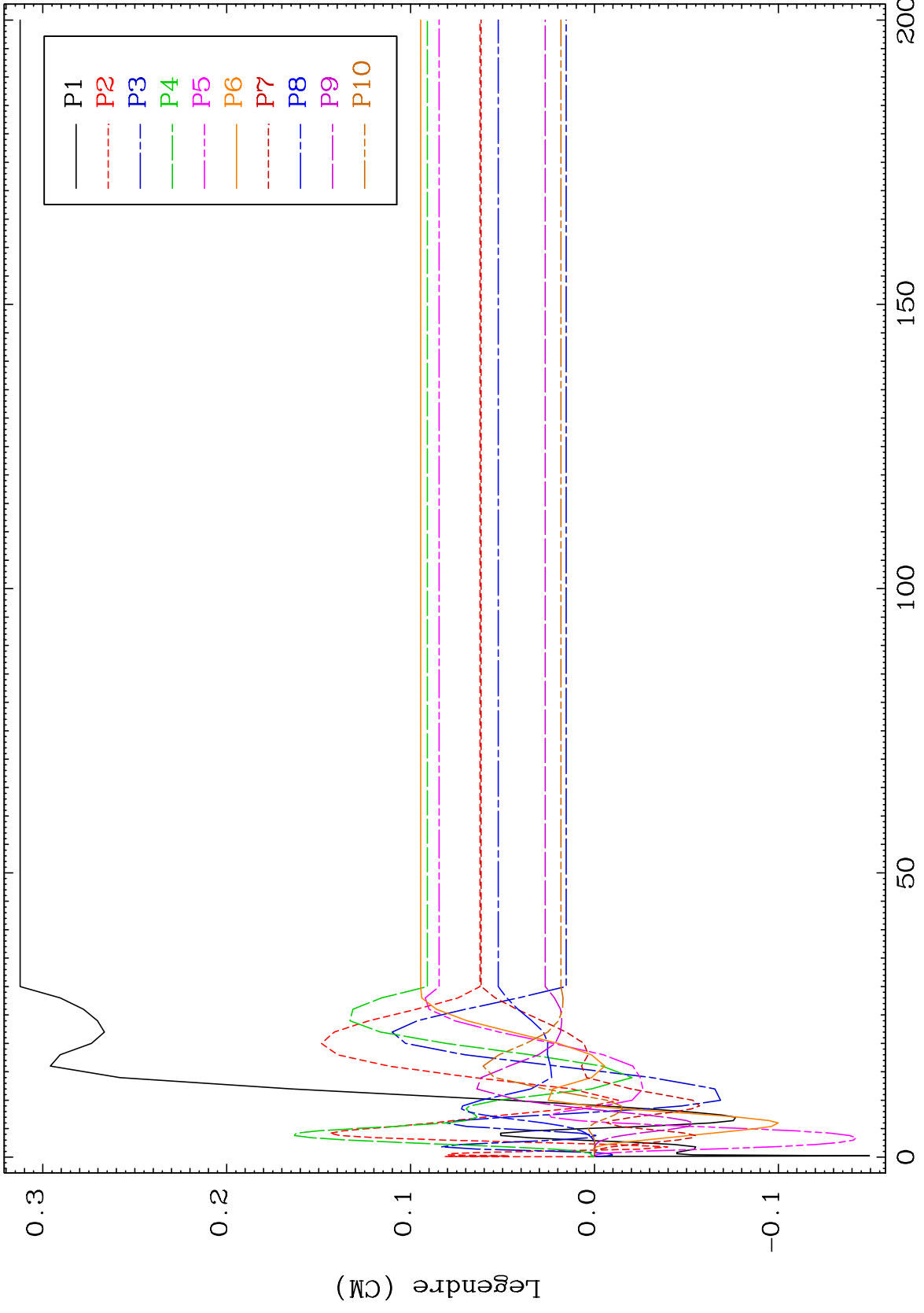
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



27

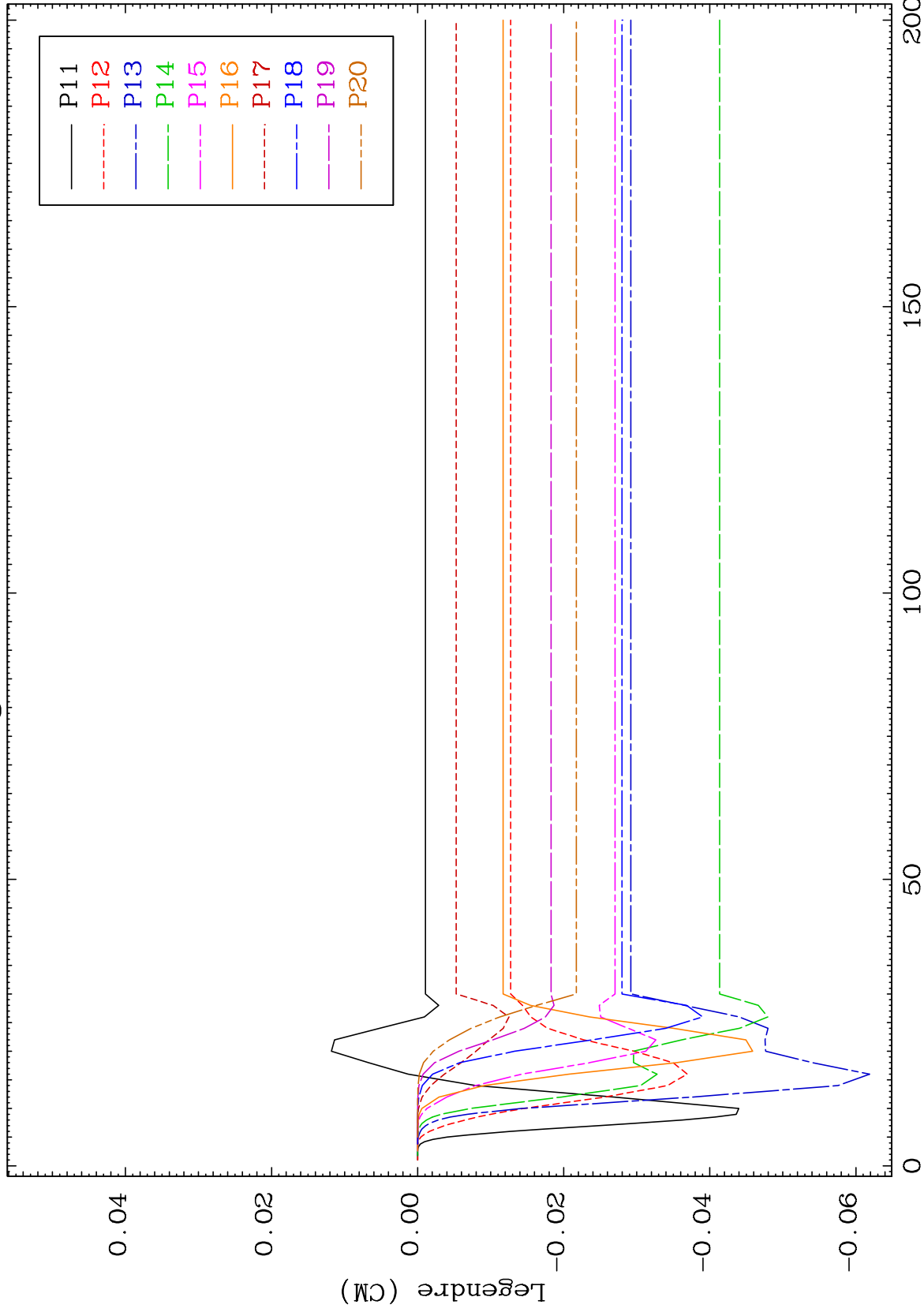
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



28

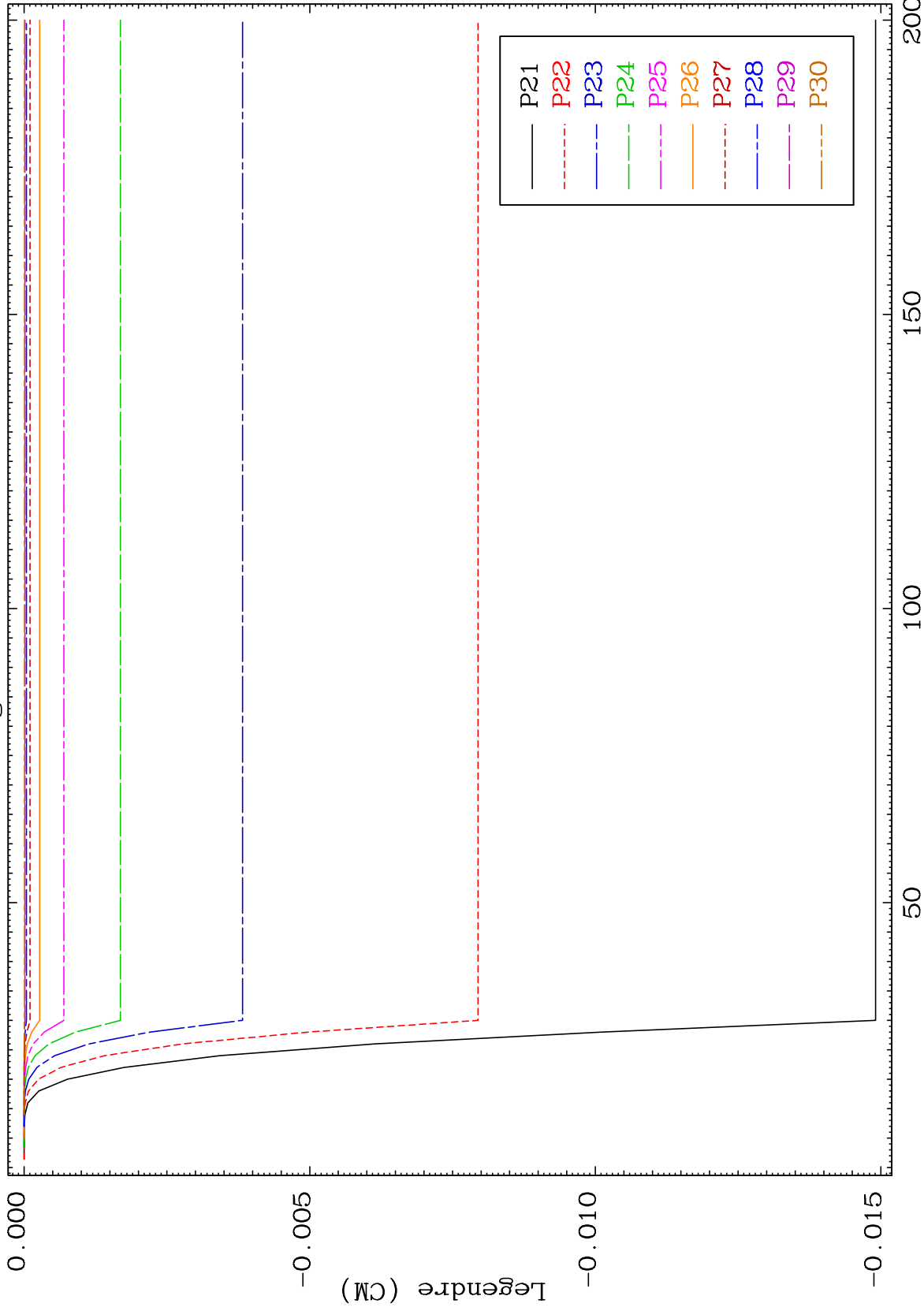
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



29

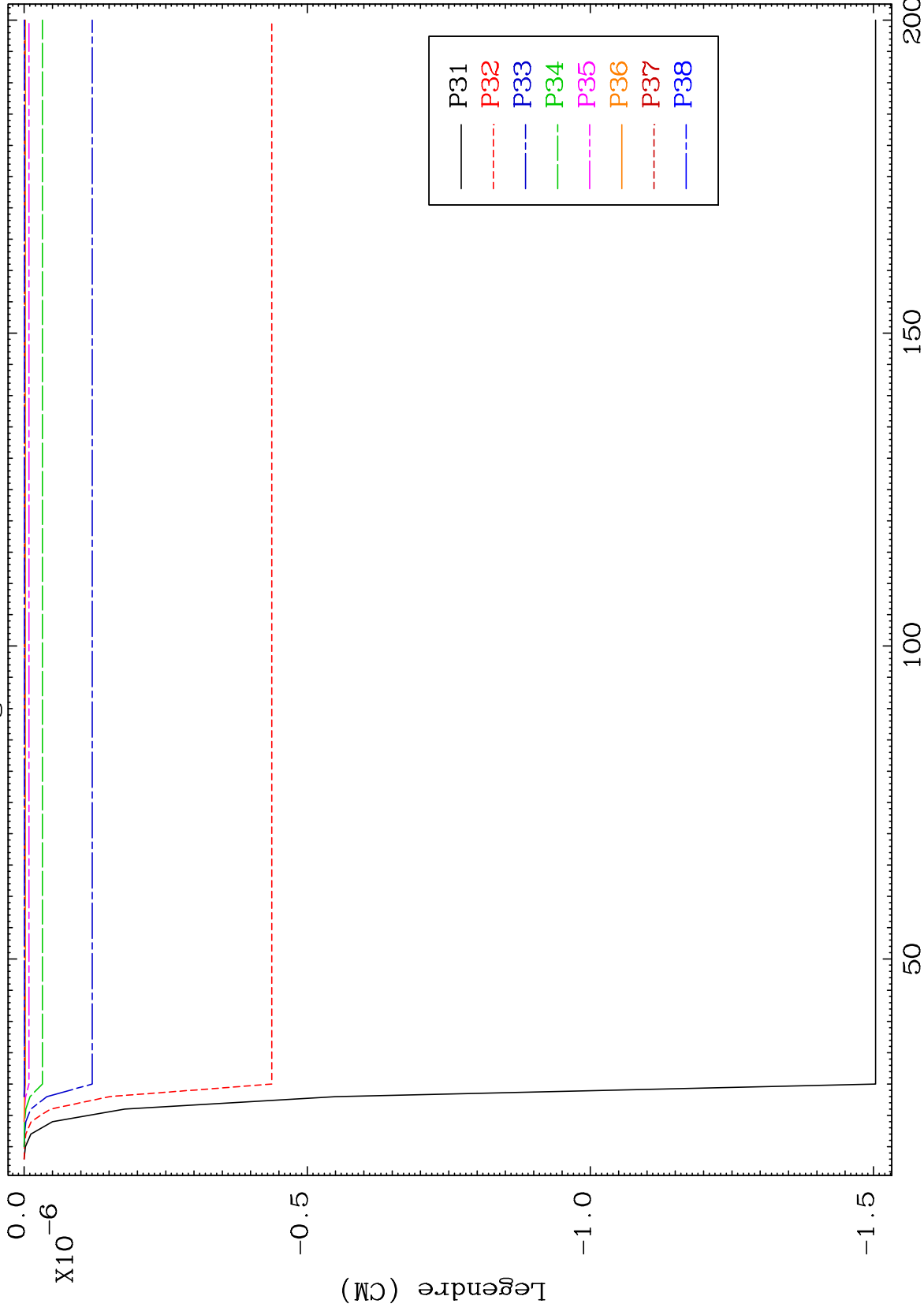
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



30

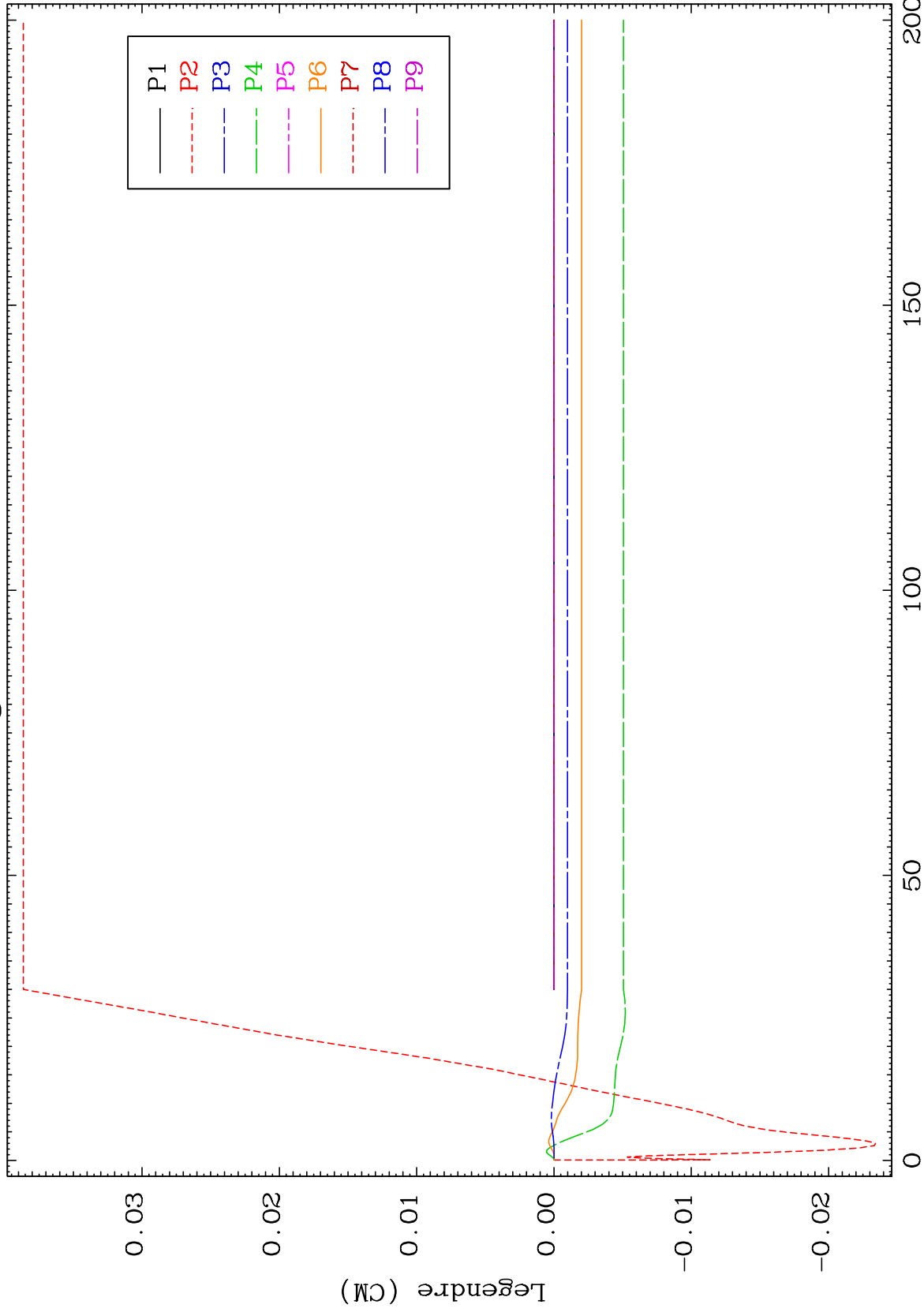
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



31

Incident Energy (MeV)

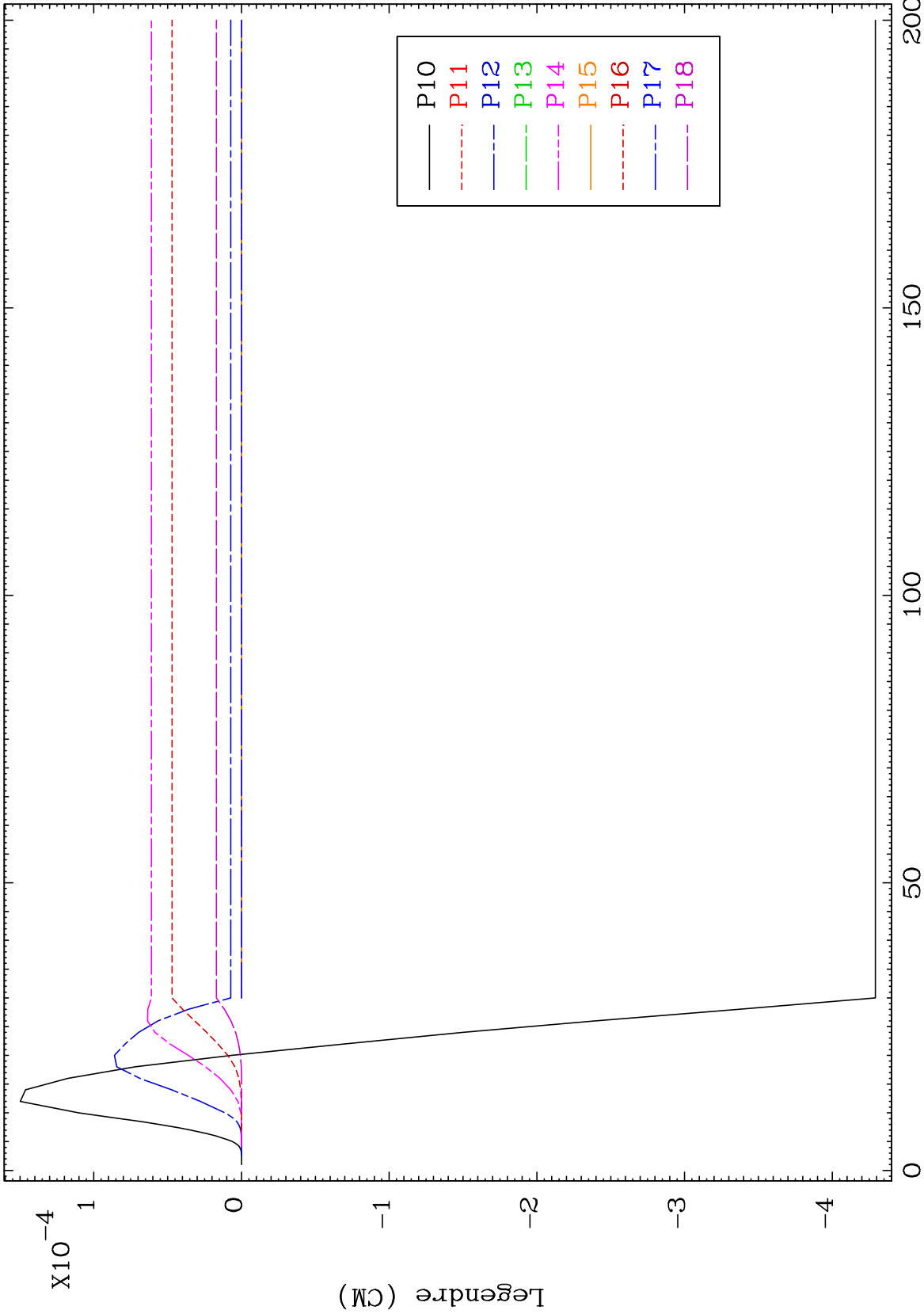
71-Lu-166



MAT 7098

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

71-Lu-166



32

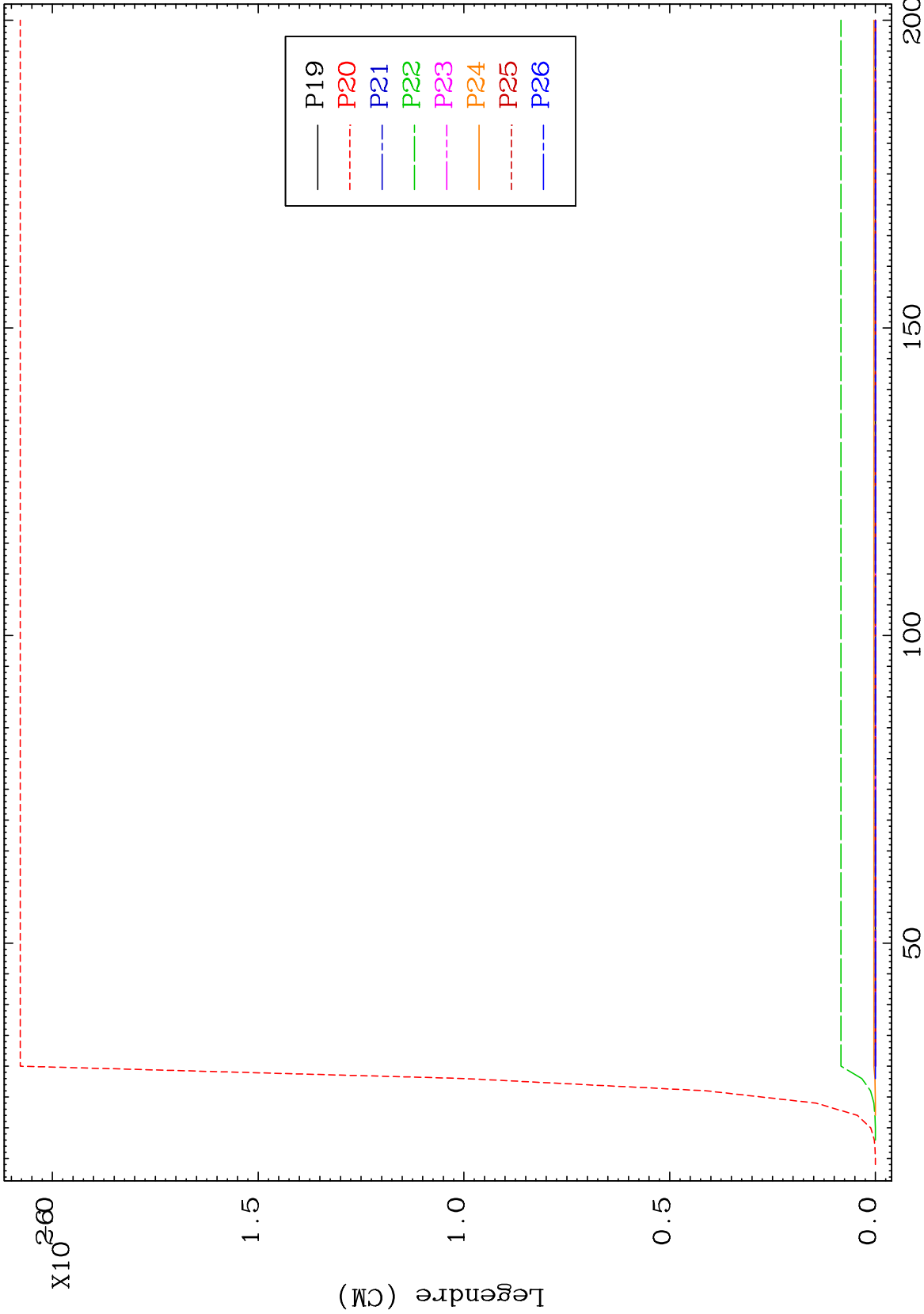
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



33

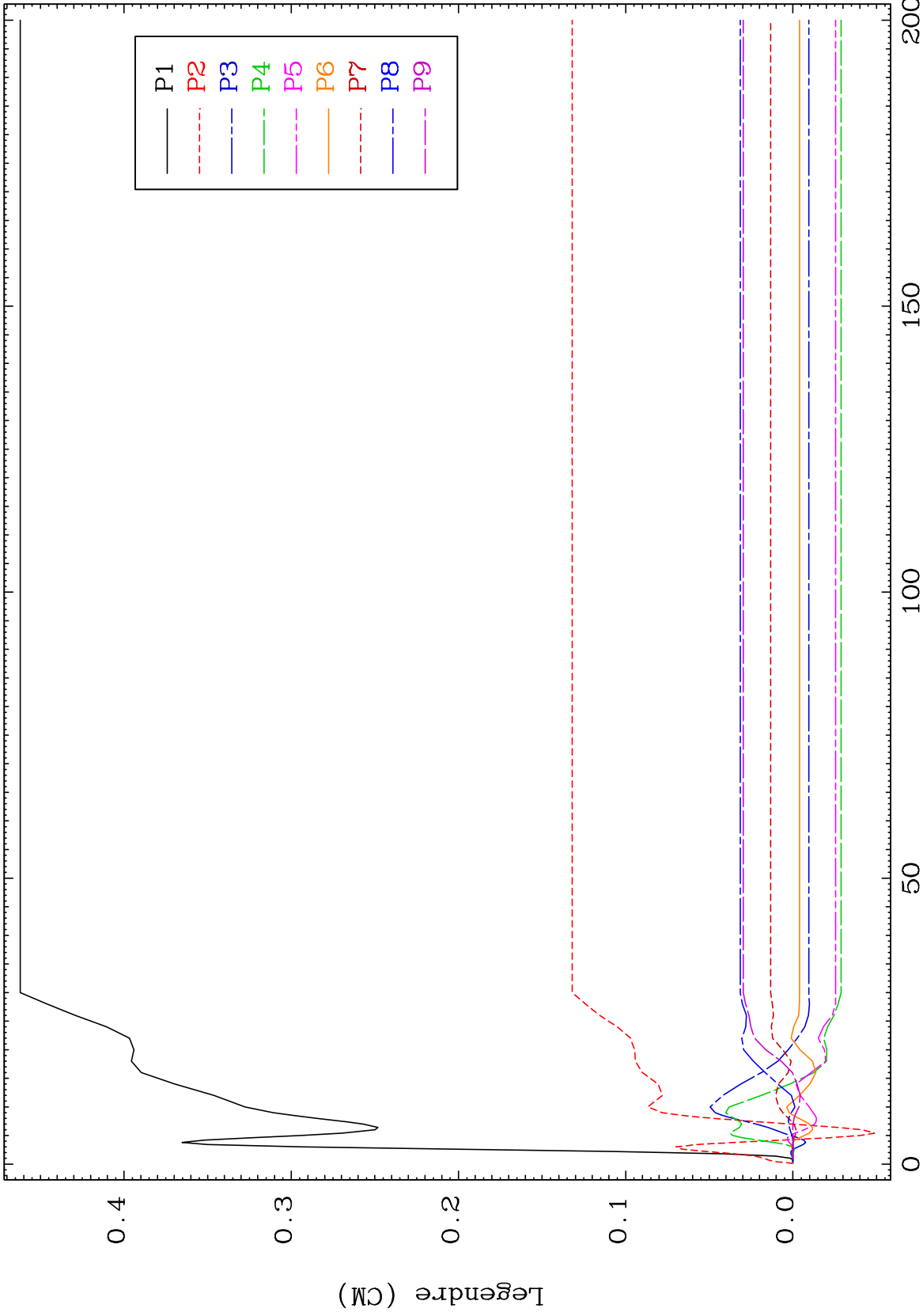
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



34

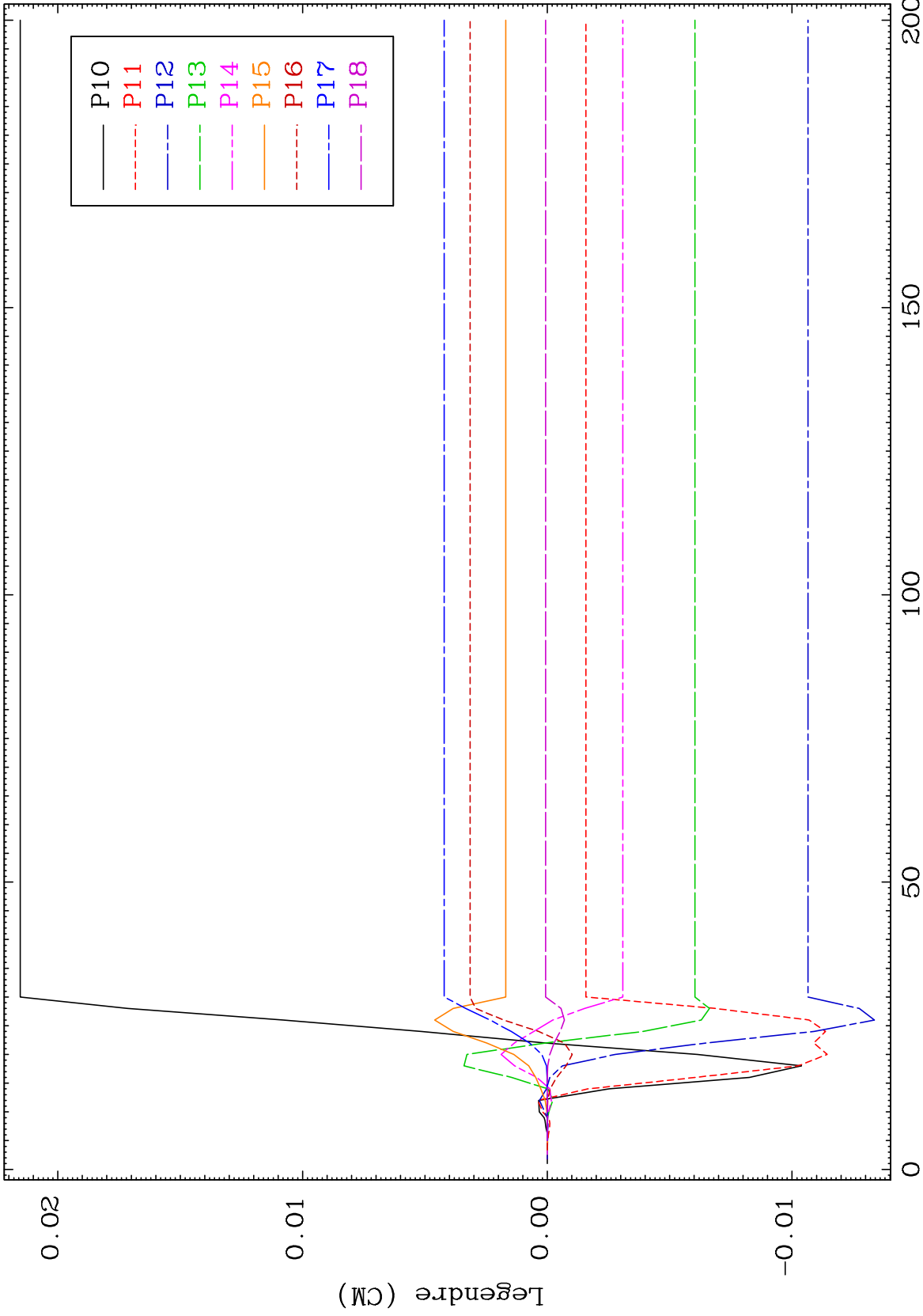
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



35

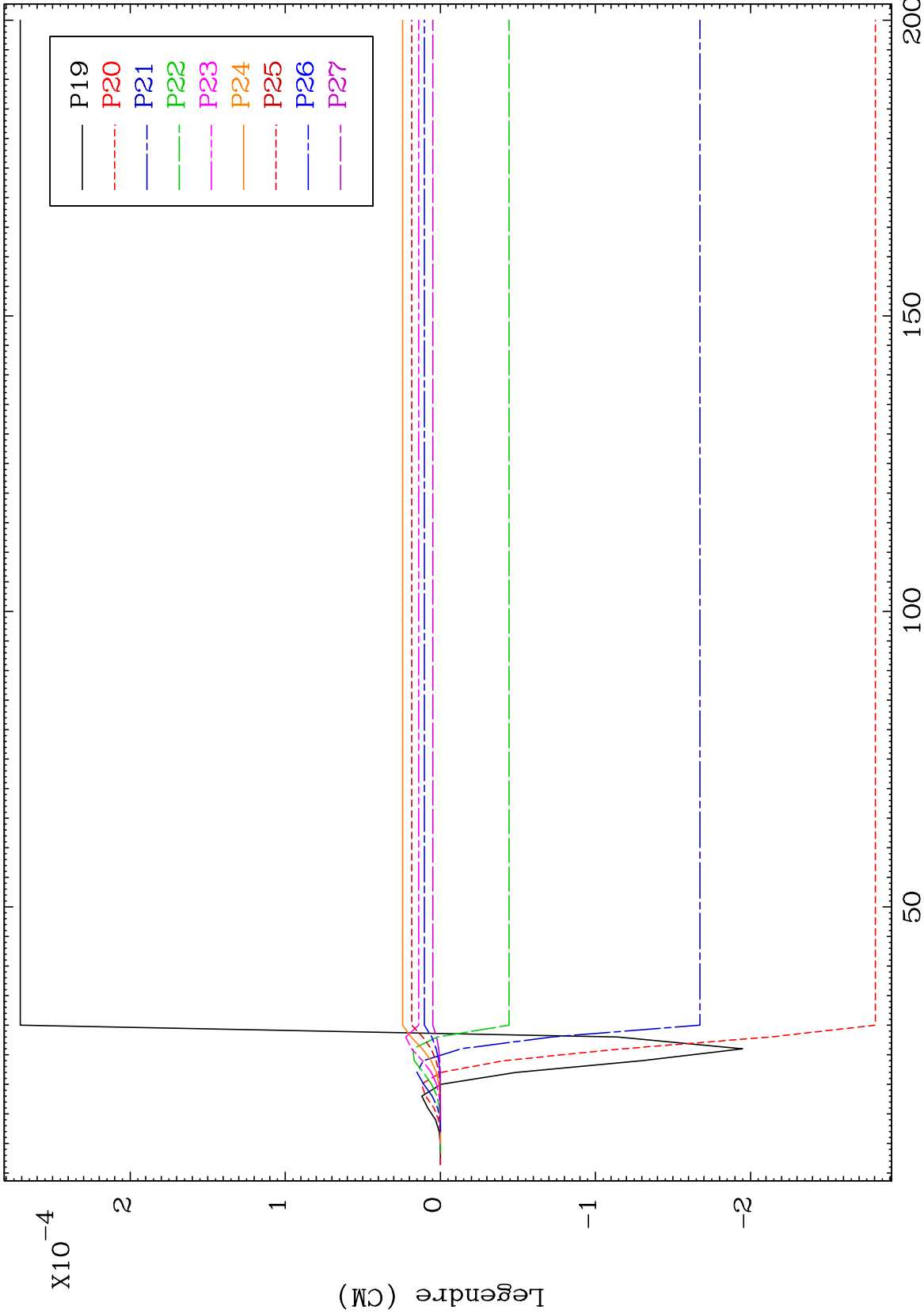
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



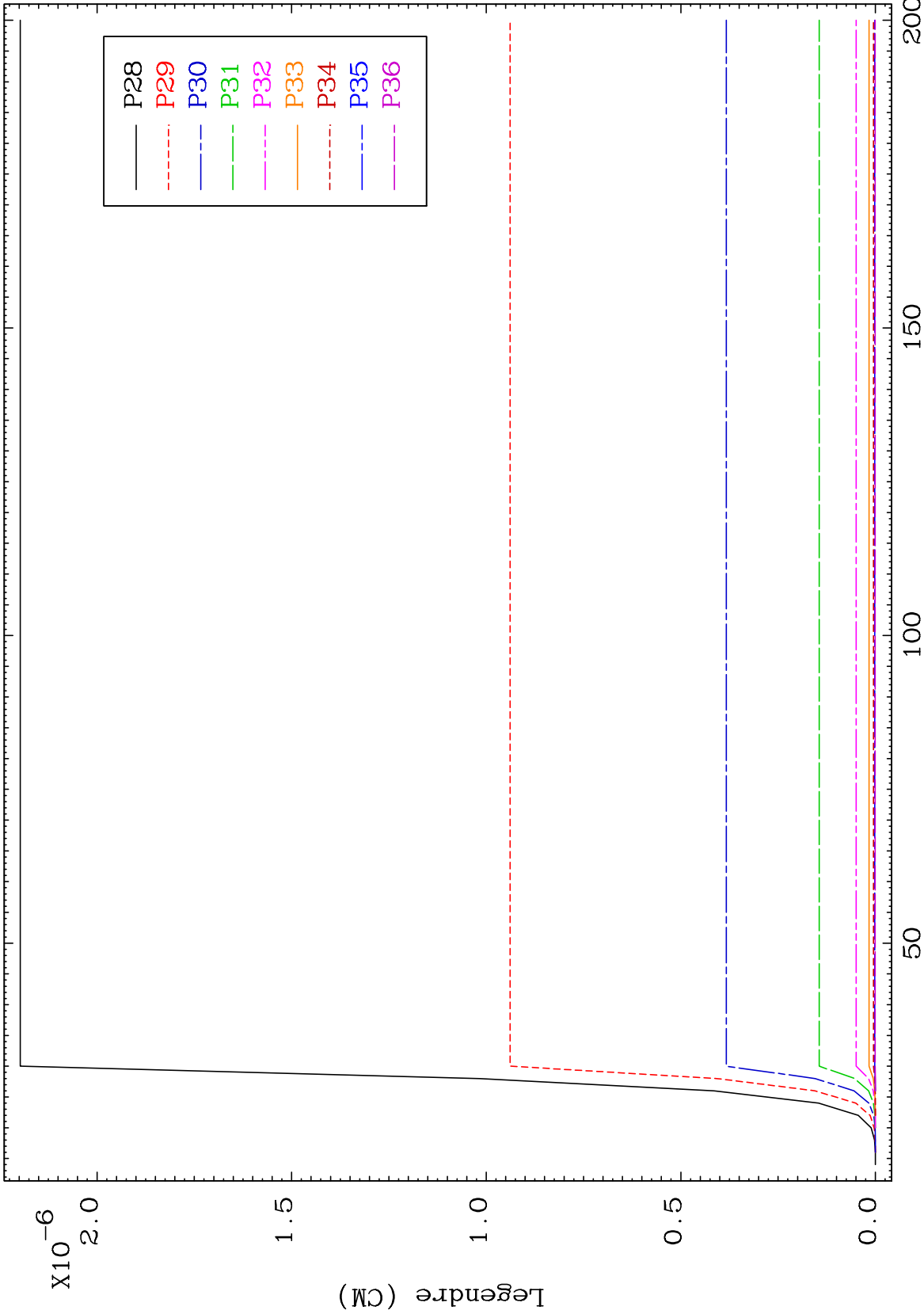
36

71-Lu-166

MAT 7098

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

71-Lu-166



37

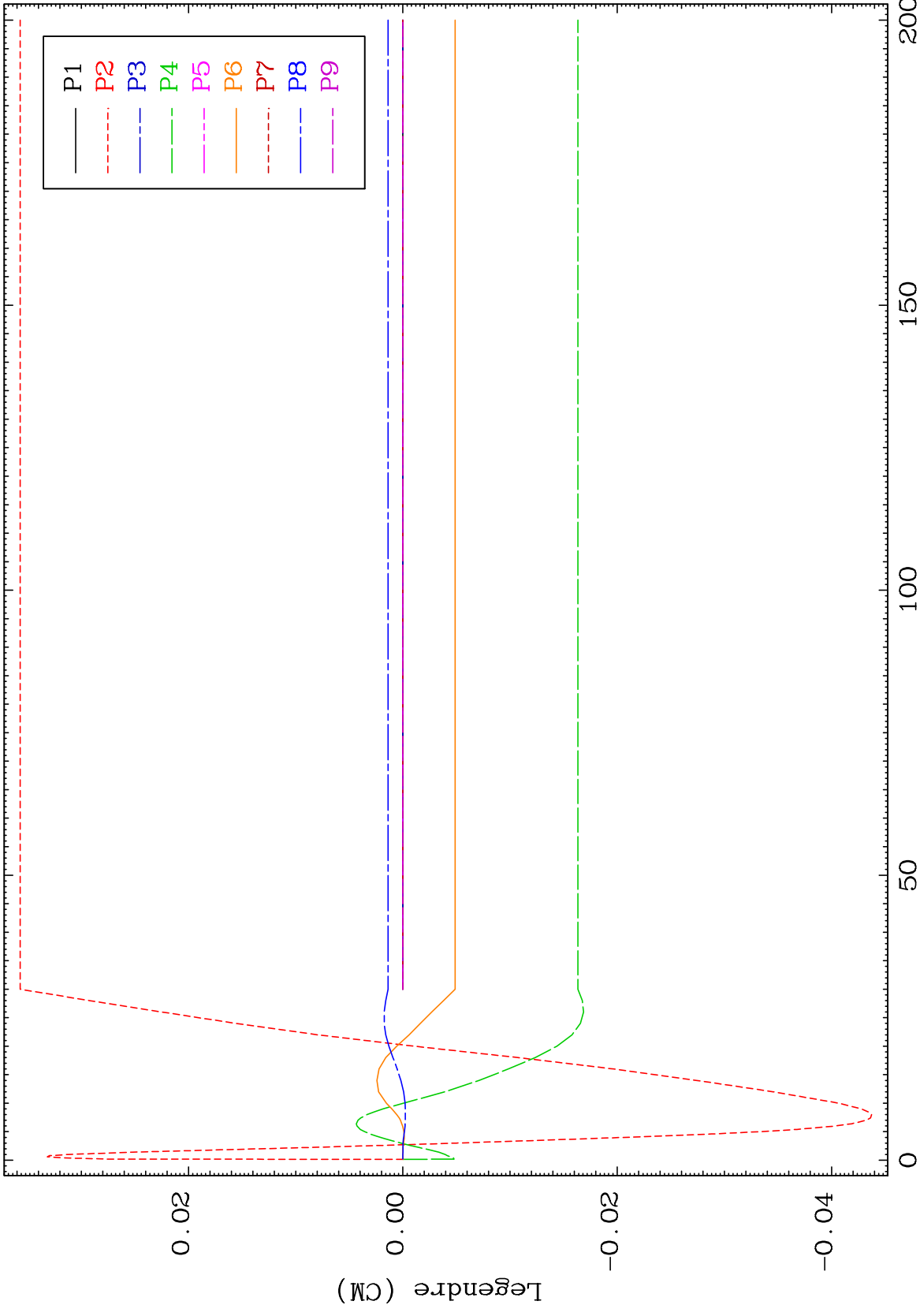
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



38

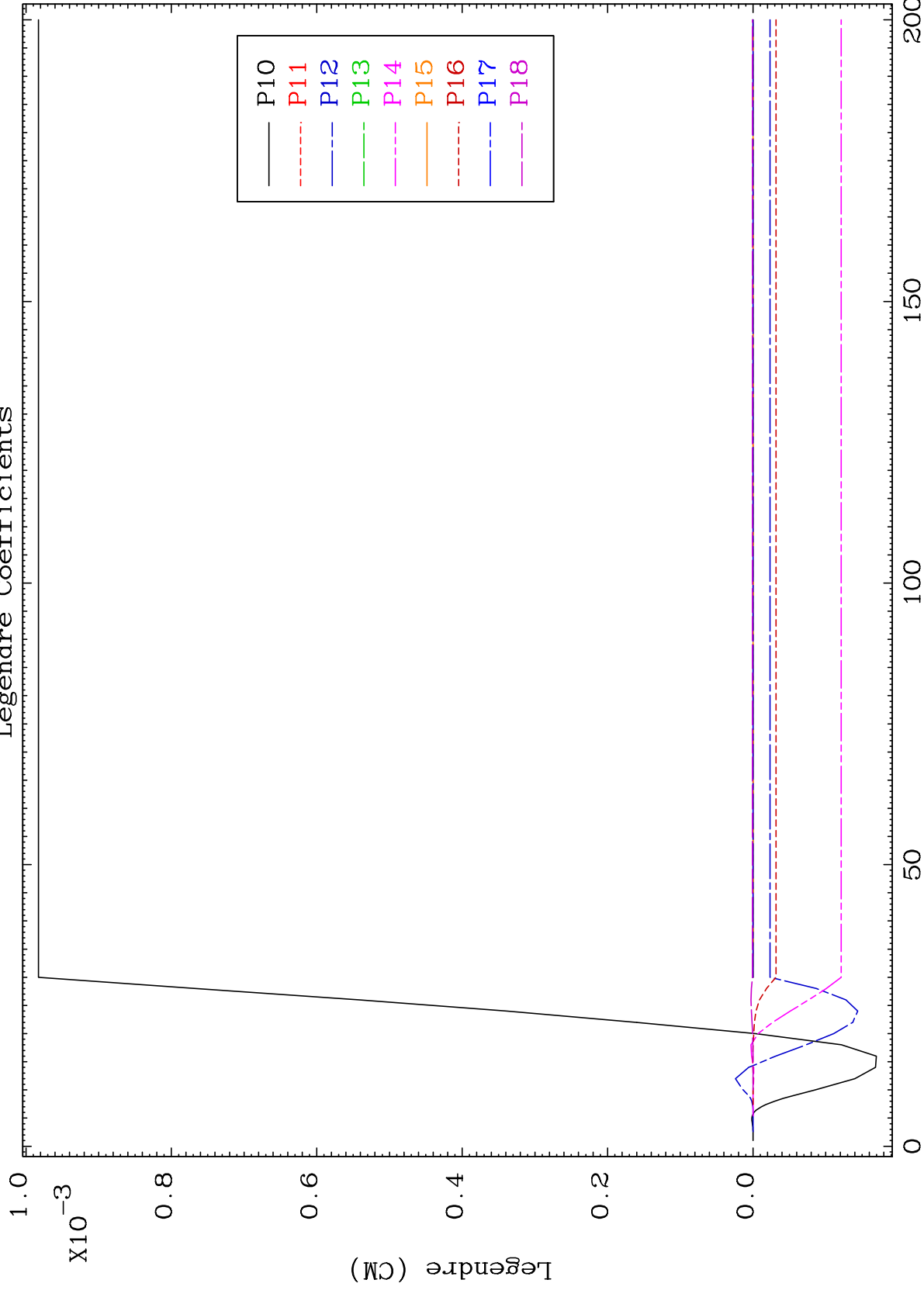
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



39

Incident Energy (MeV)

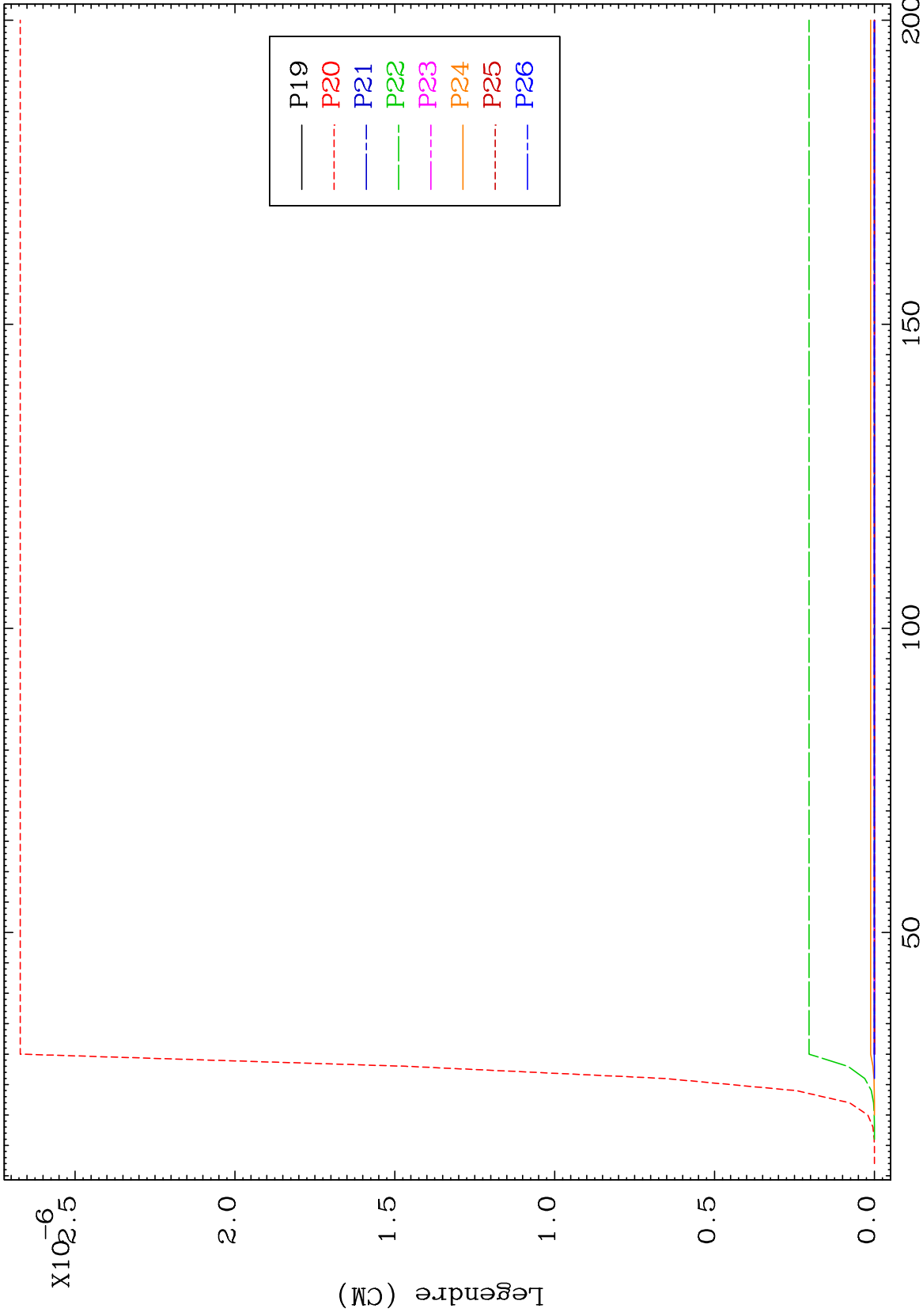
71-Lu-166



MAT 7098

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

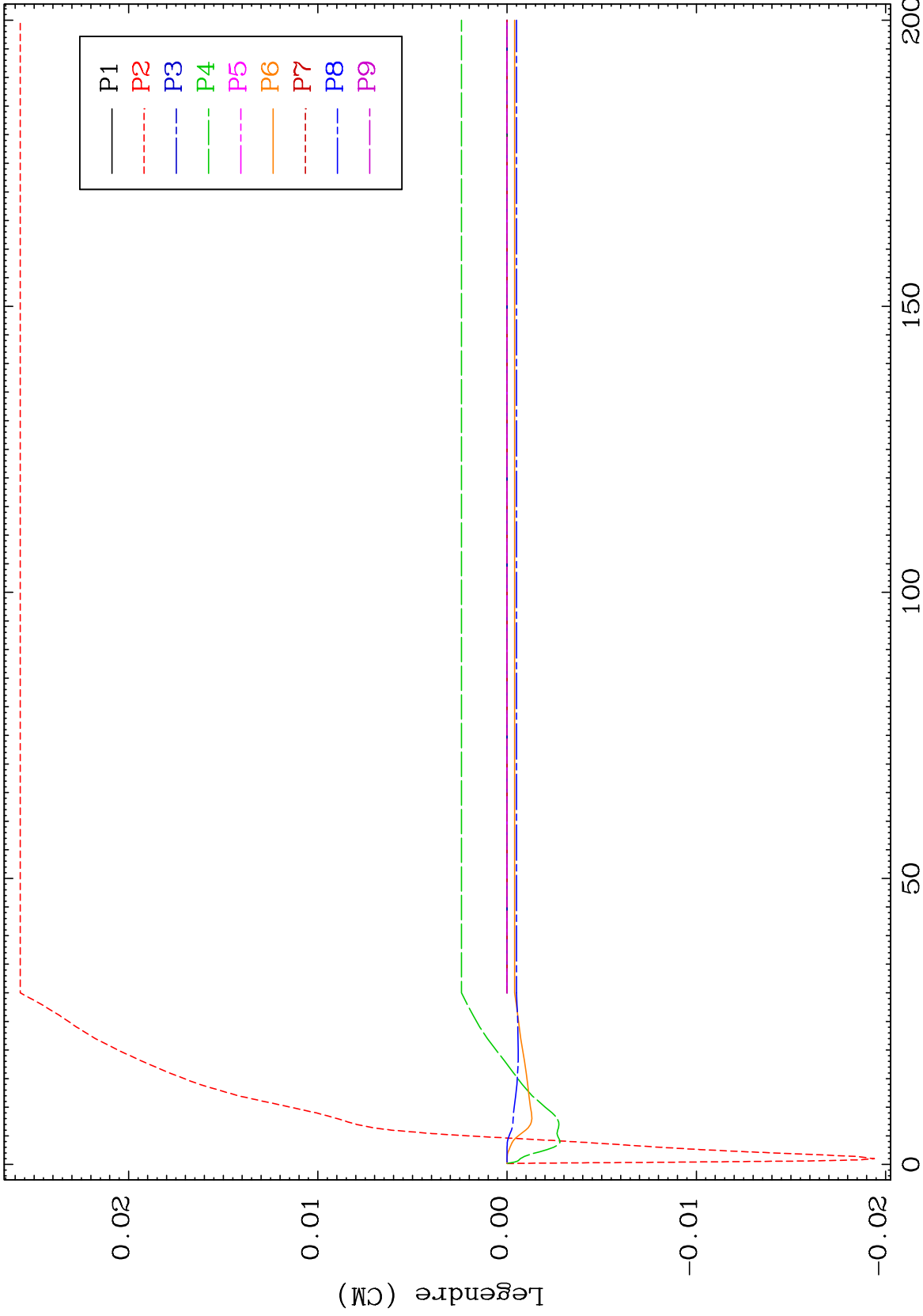
71-Lu-166



MAT 7098

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

71-Lu-166



41

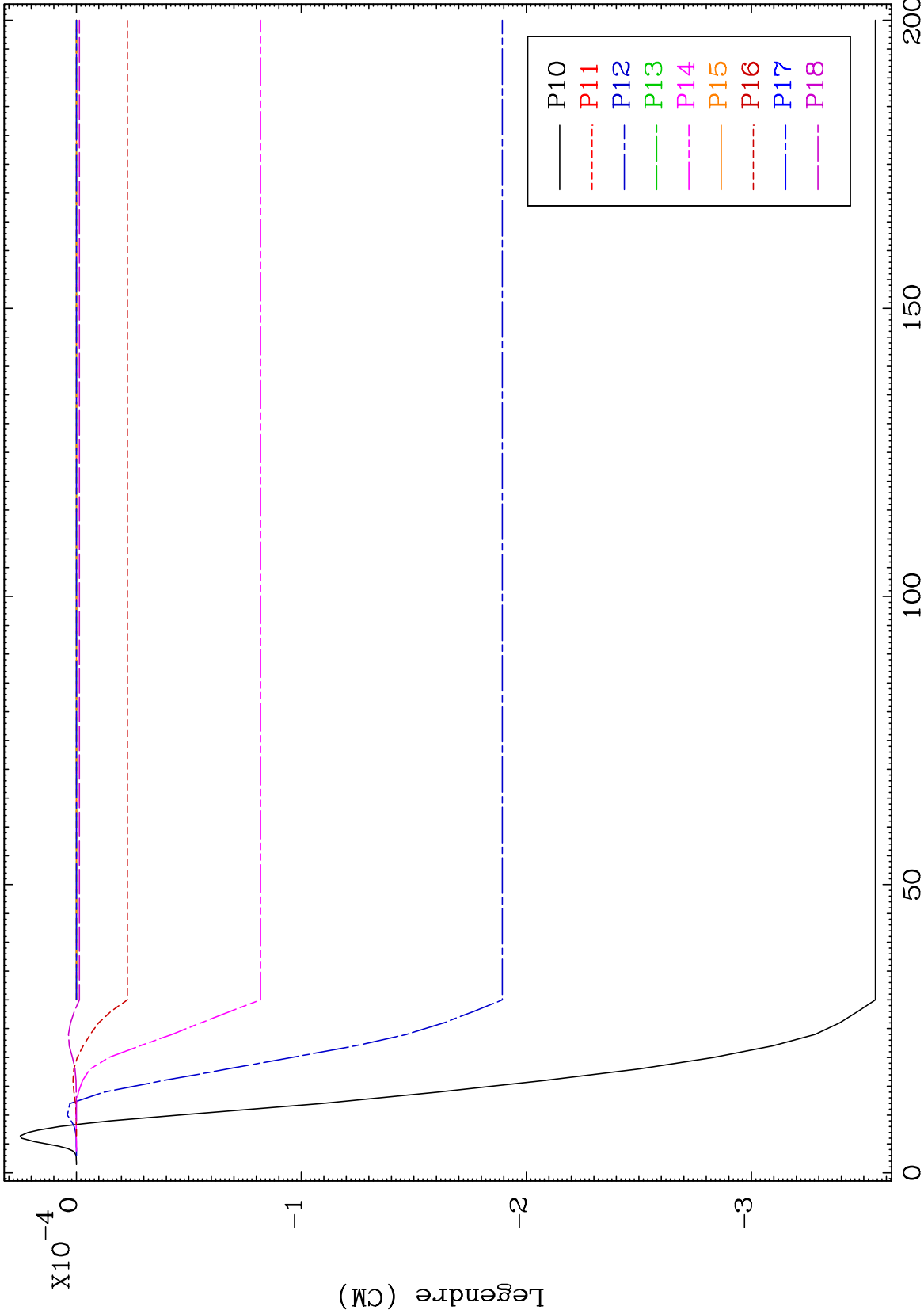
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



42

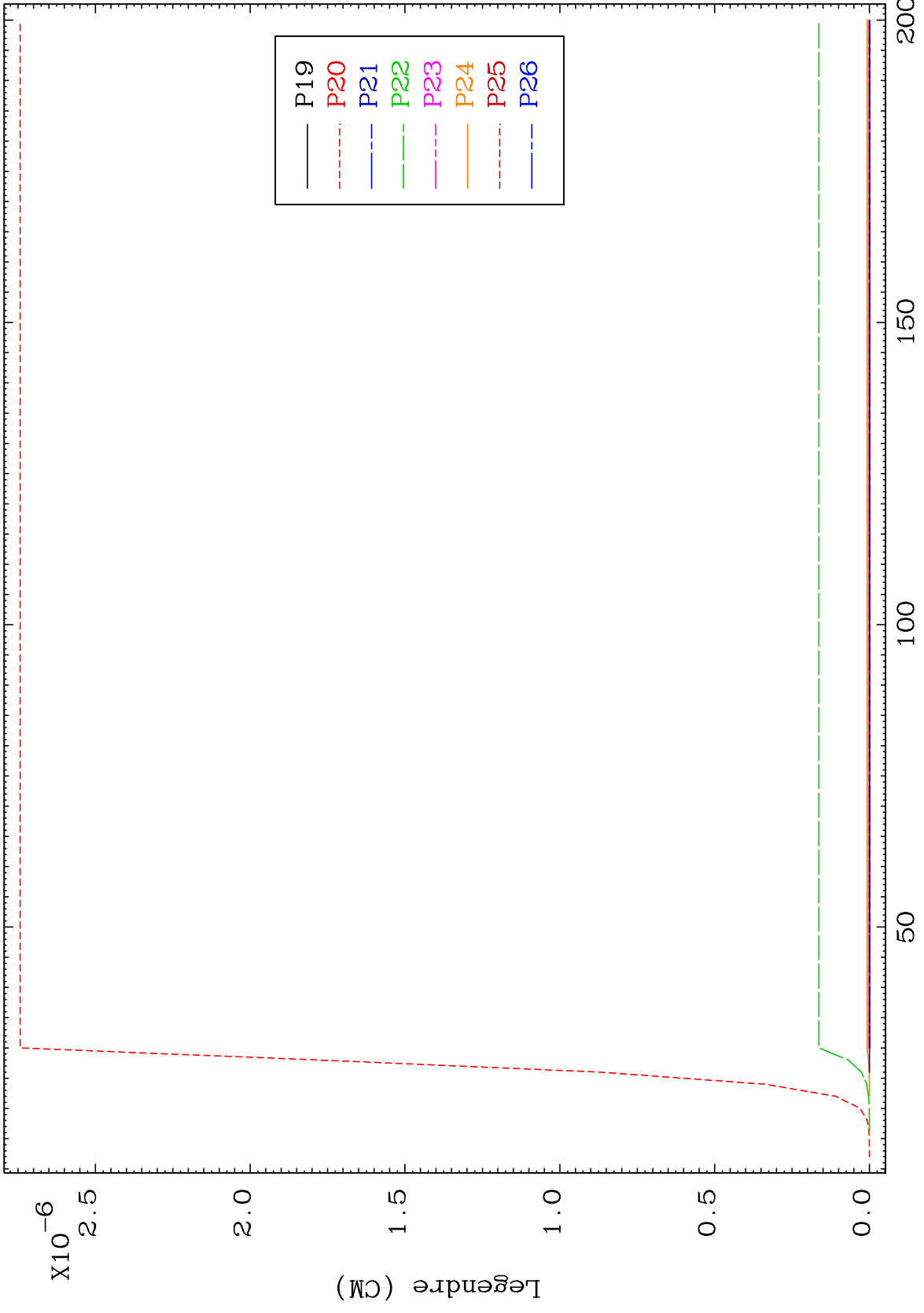
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



43

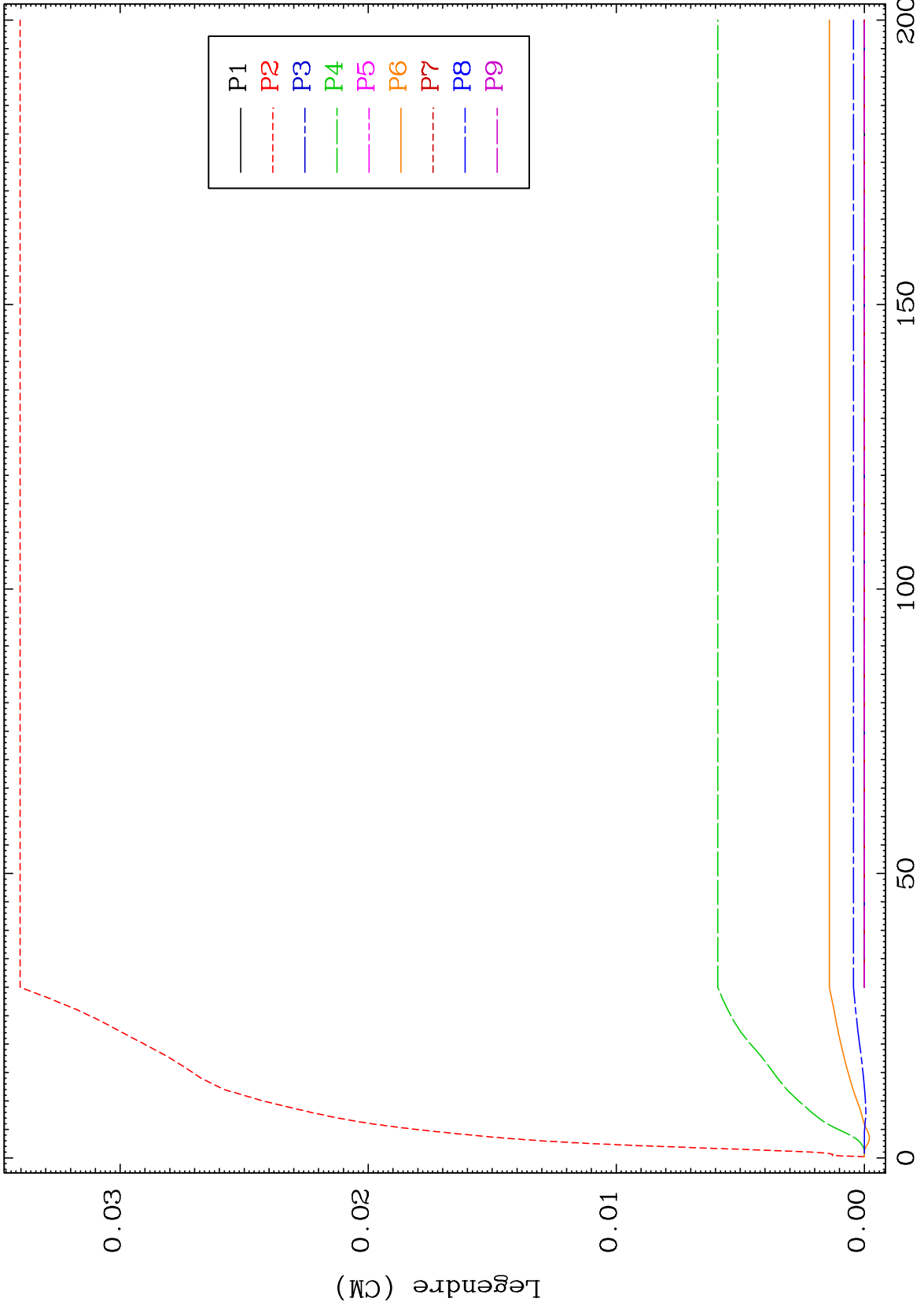
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



44

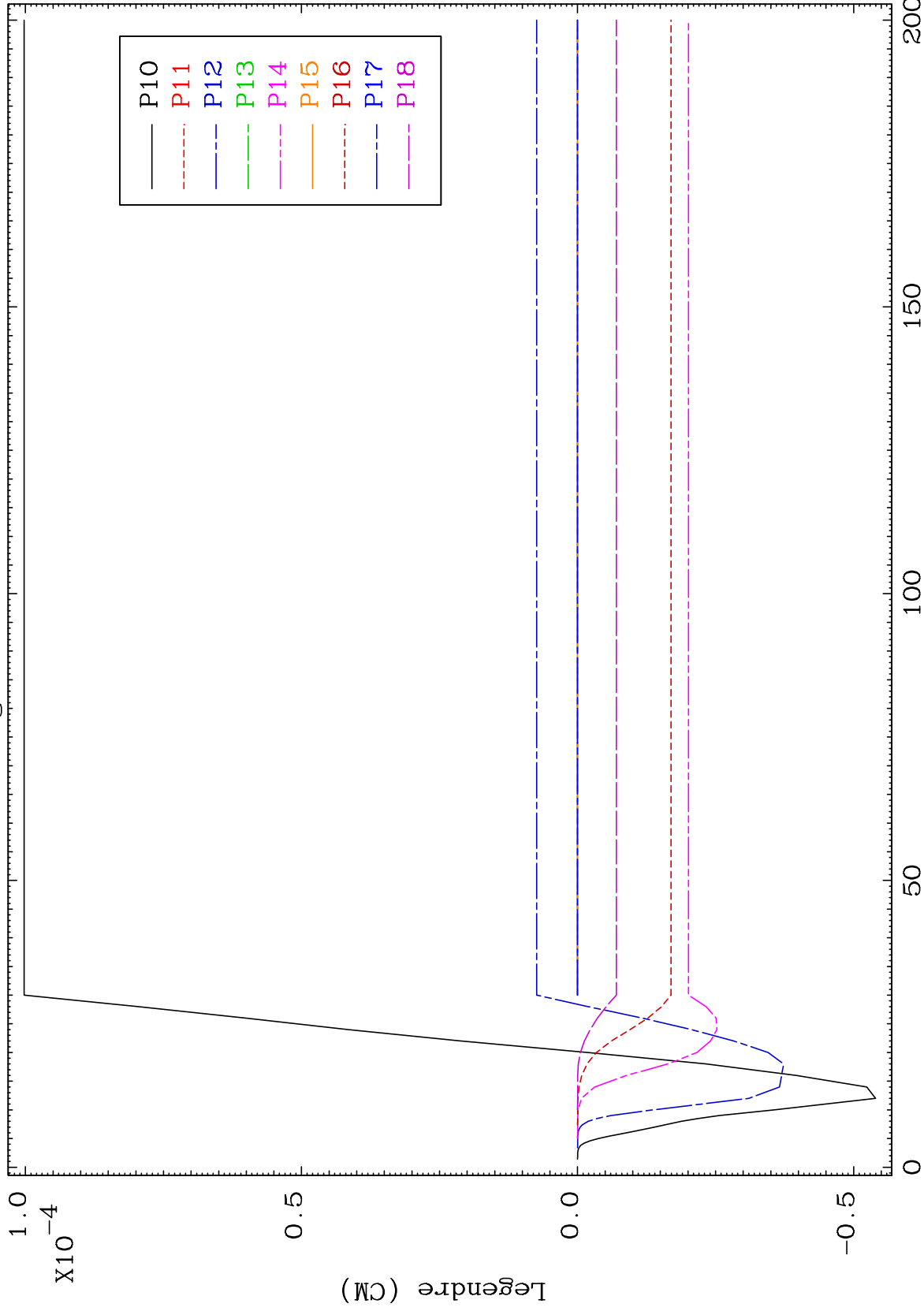
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



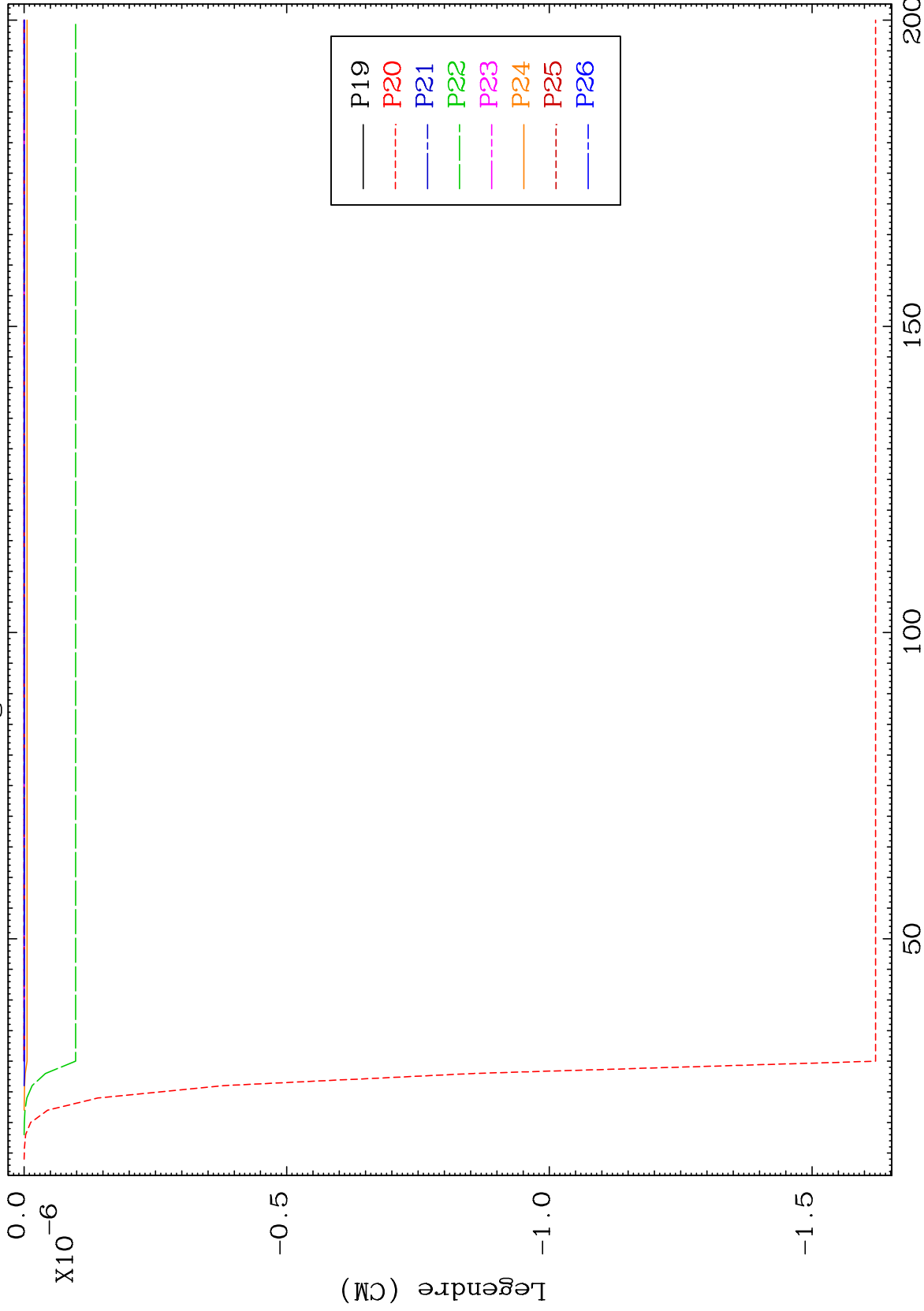
45

71-Lu-166

MAT 7098

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

71-Lu-166



46

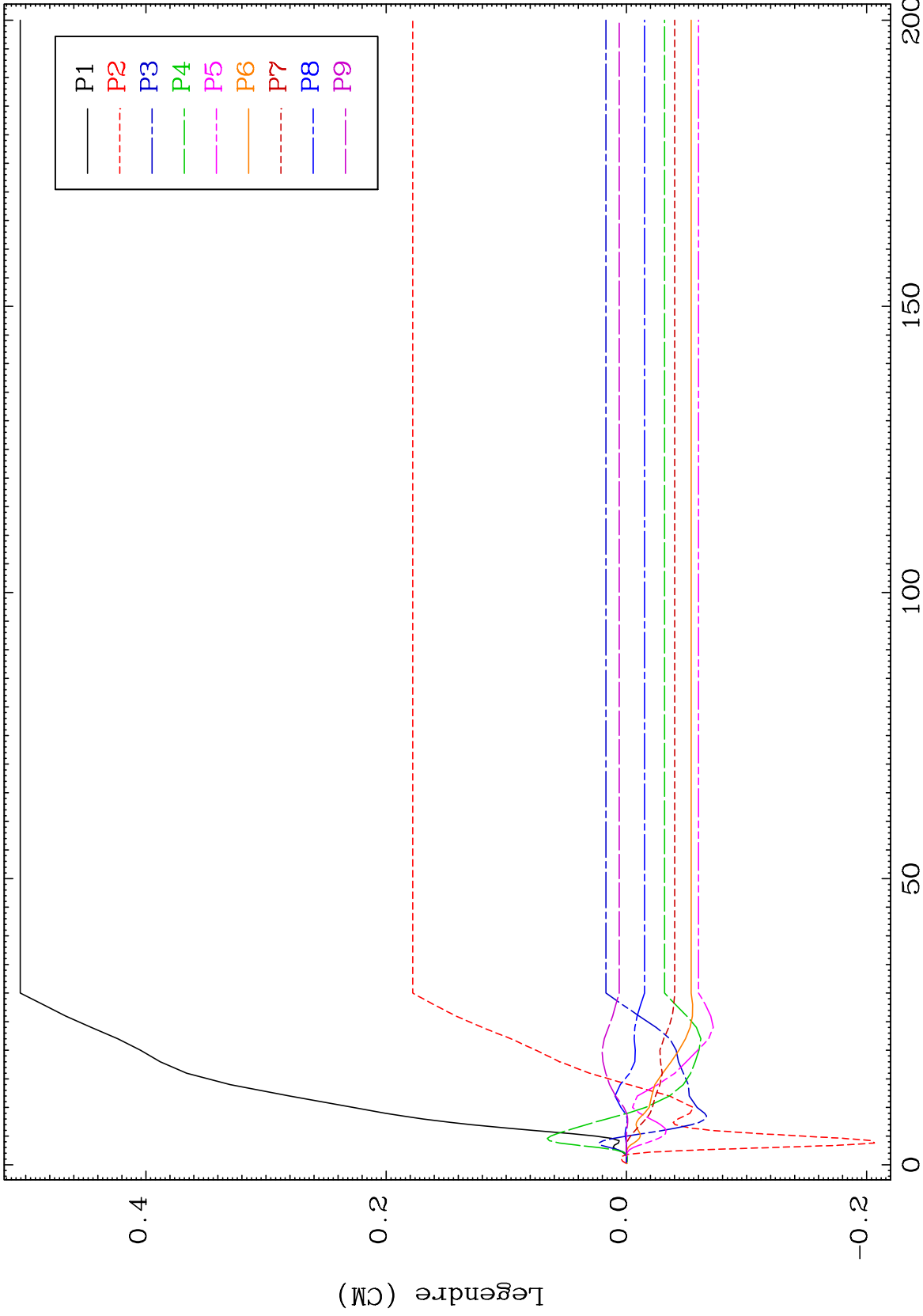
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



47

Incident Energy (MeV)

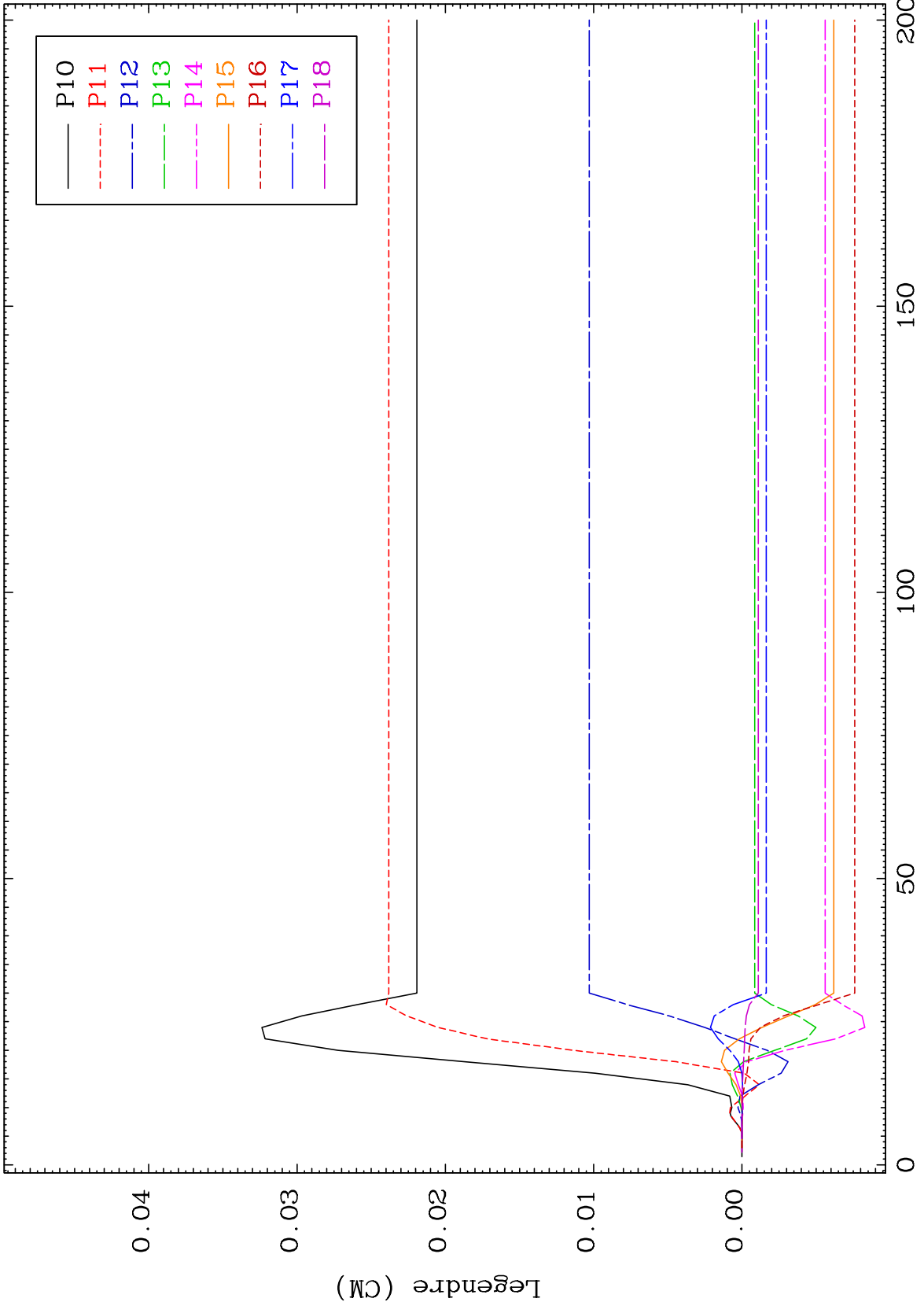
71-Lu-166



MAT 7098

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

71-Lu-166



48

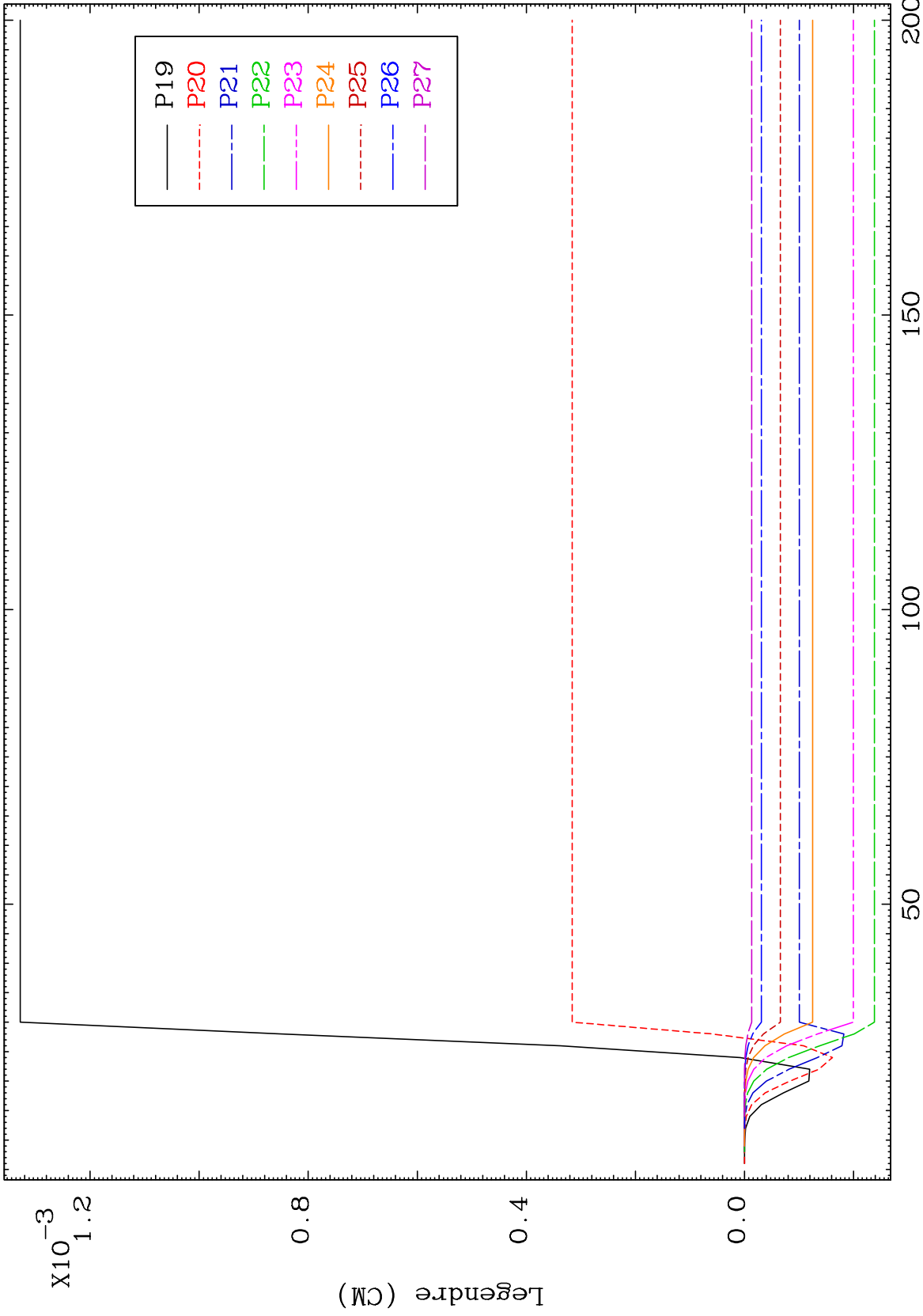
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



49

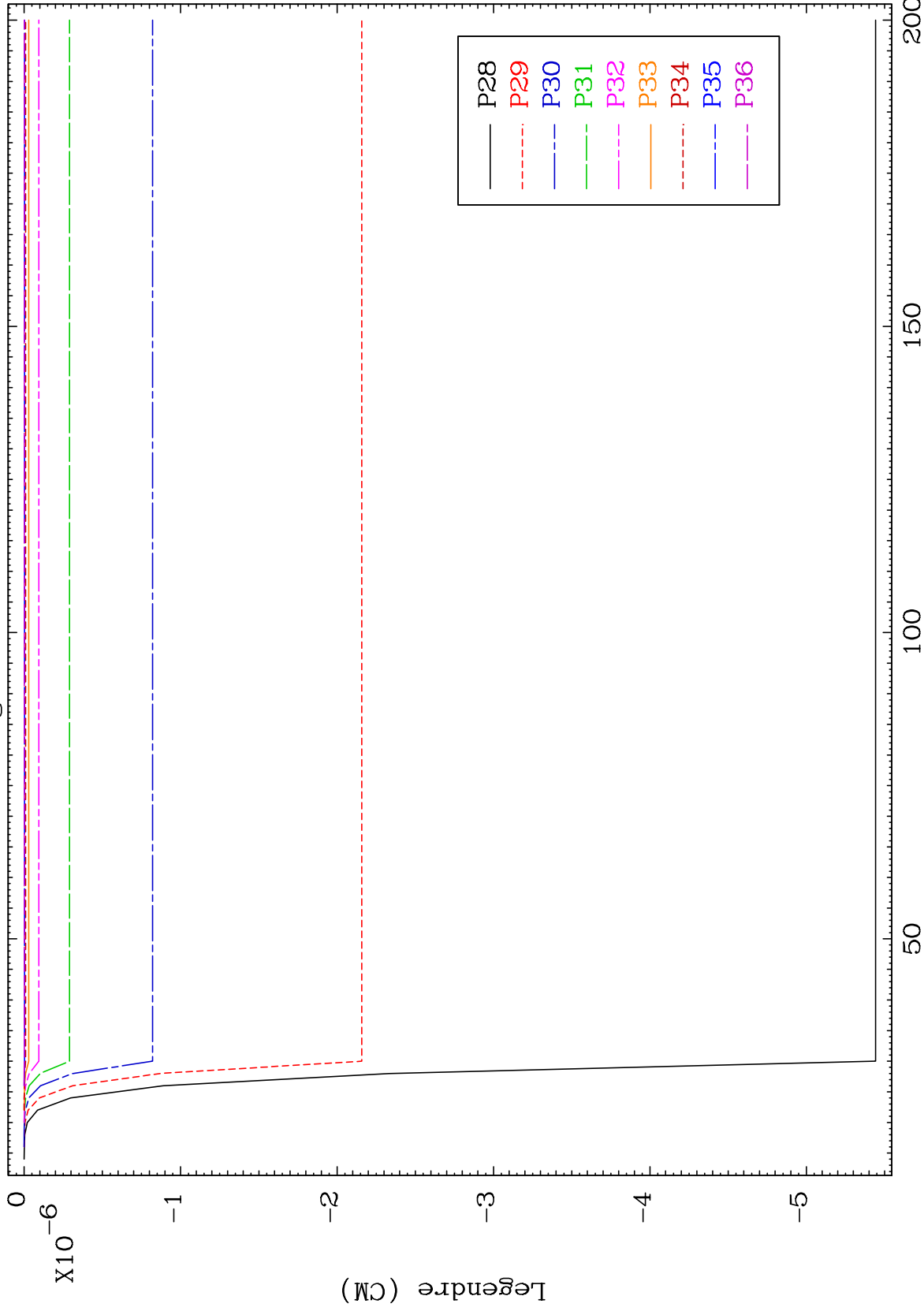
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



71-Lu-166

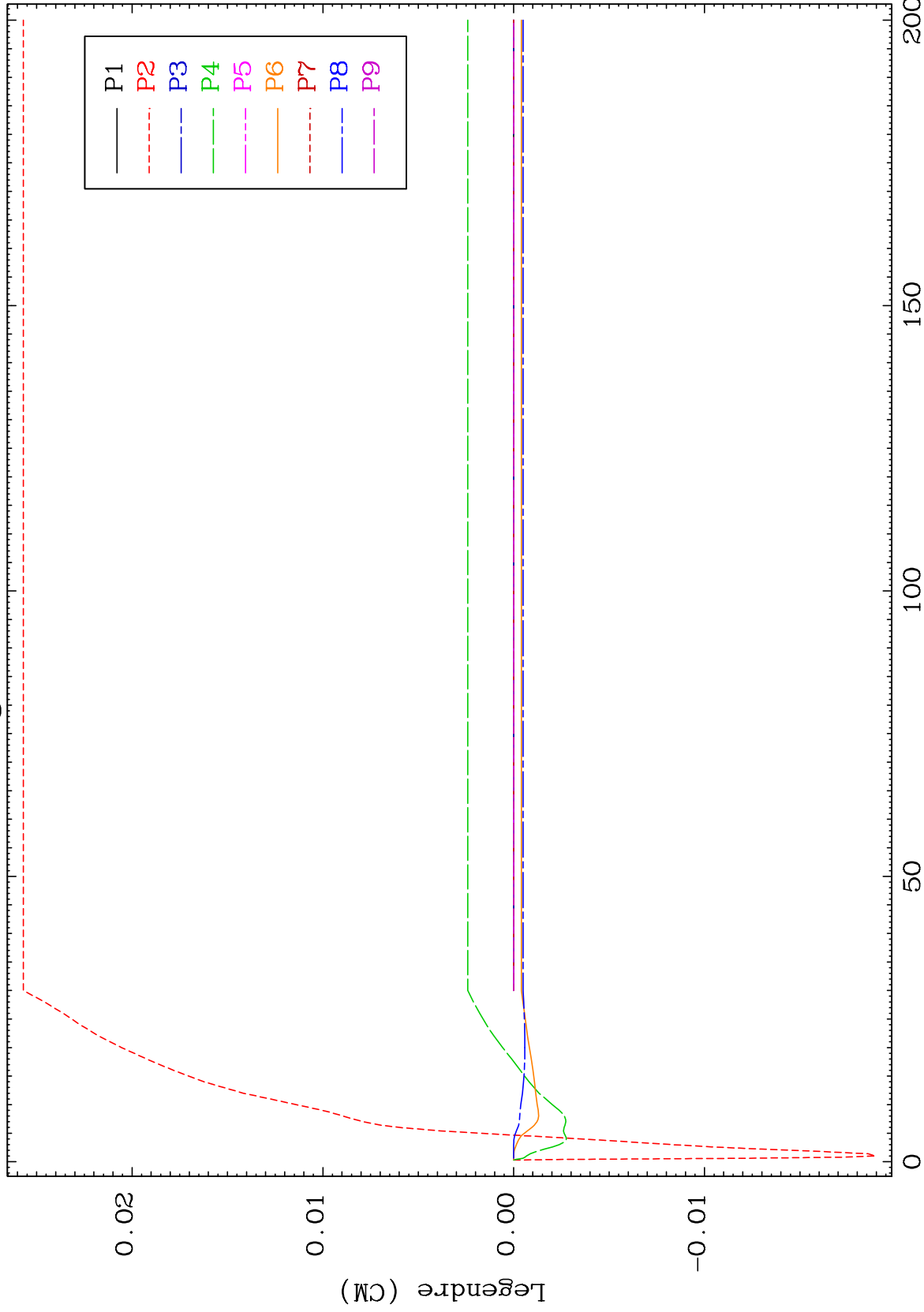
Incident Energy (MeV)

50

MAT 7098

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

71-Lu-166



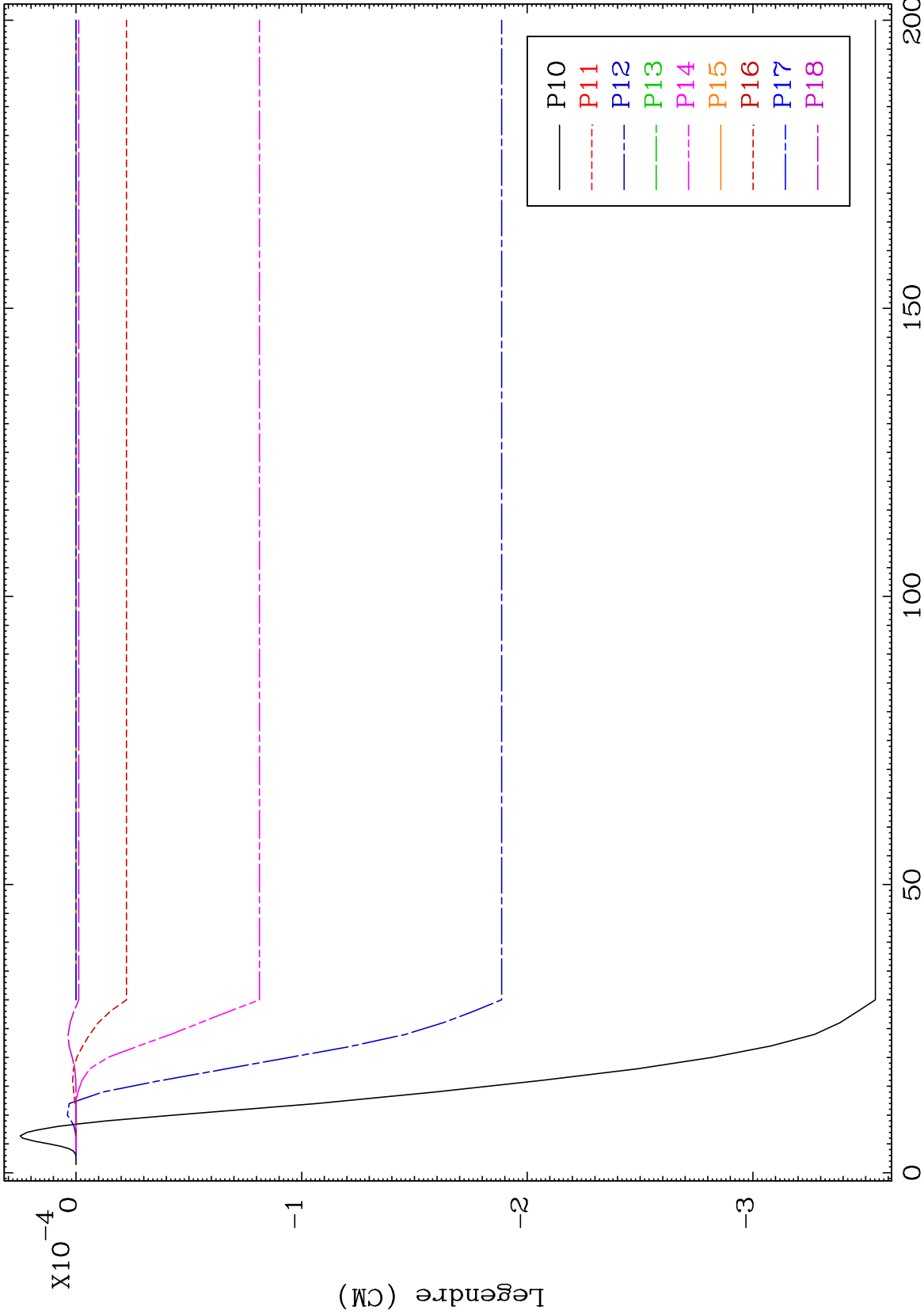
51

71-Lu-166

MAT 7098

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

71-Lu-166



52

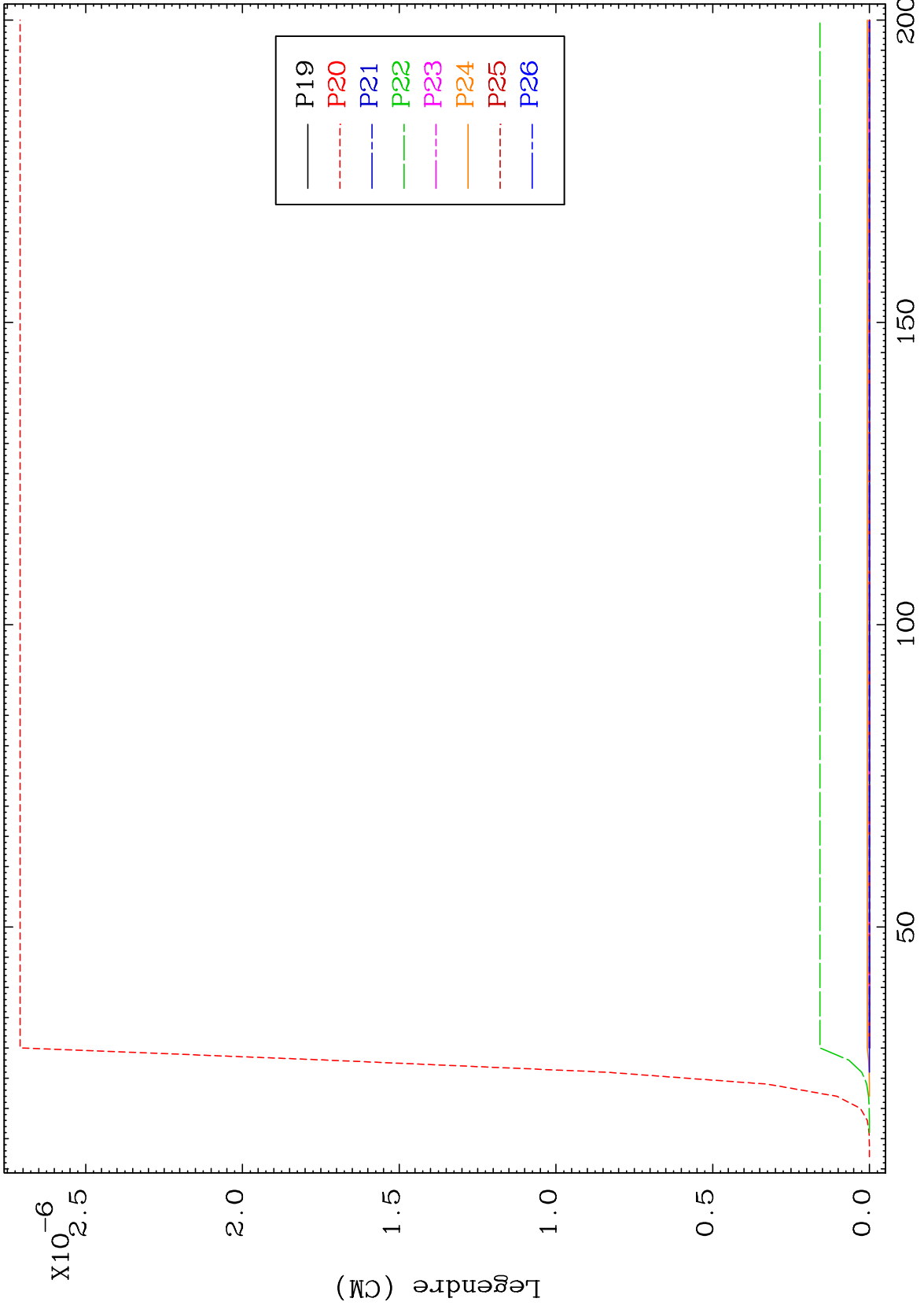
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



53

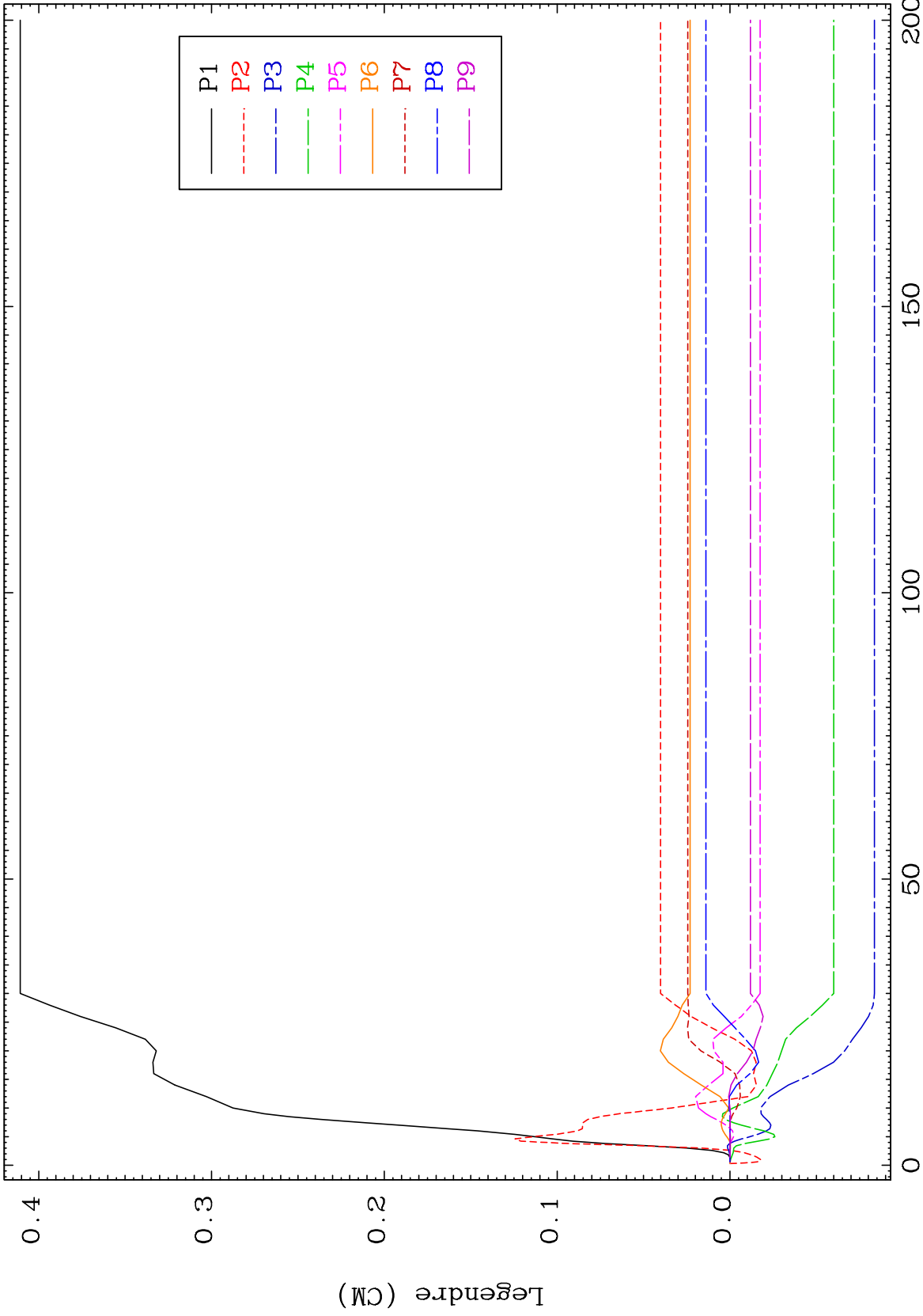
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



54

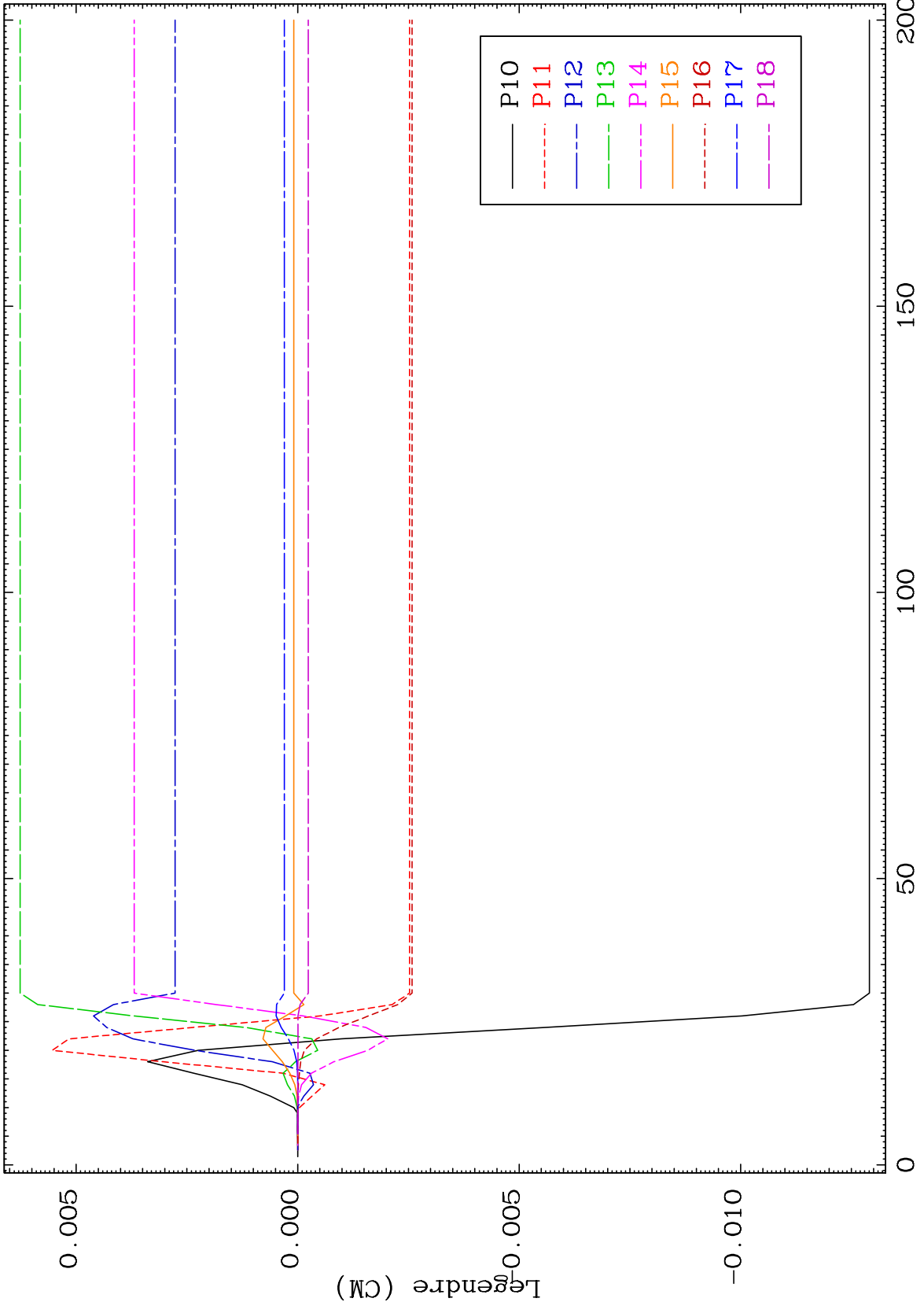
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



55

Incident Energy (MeV)

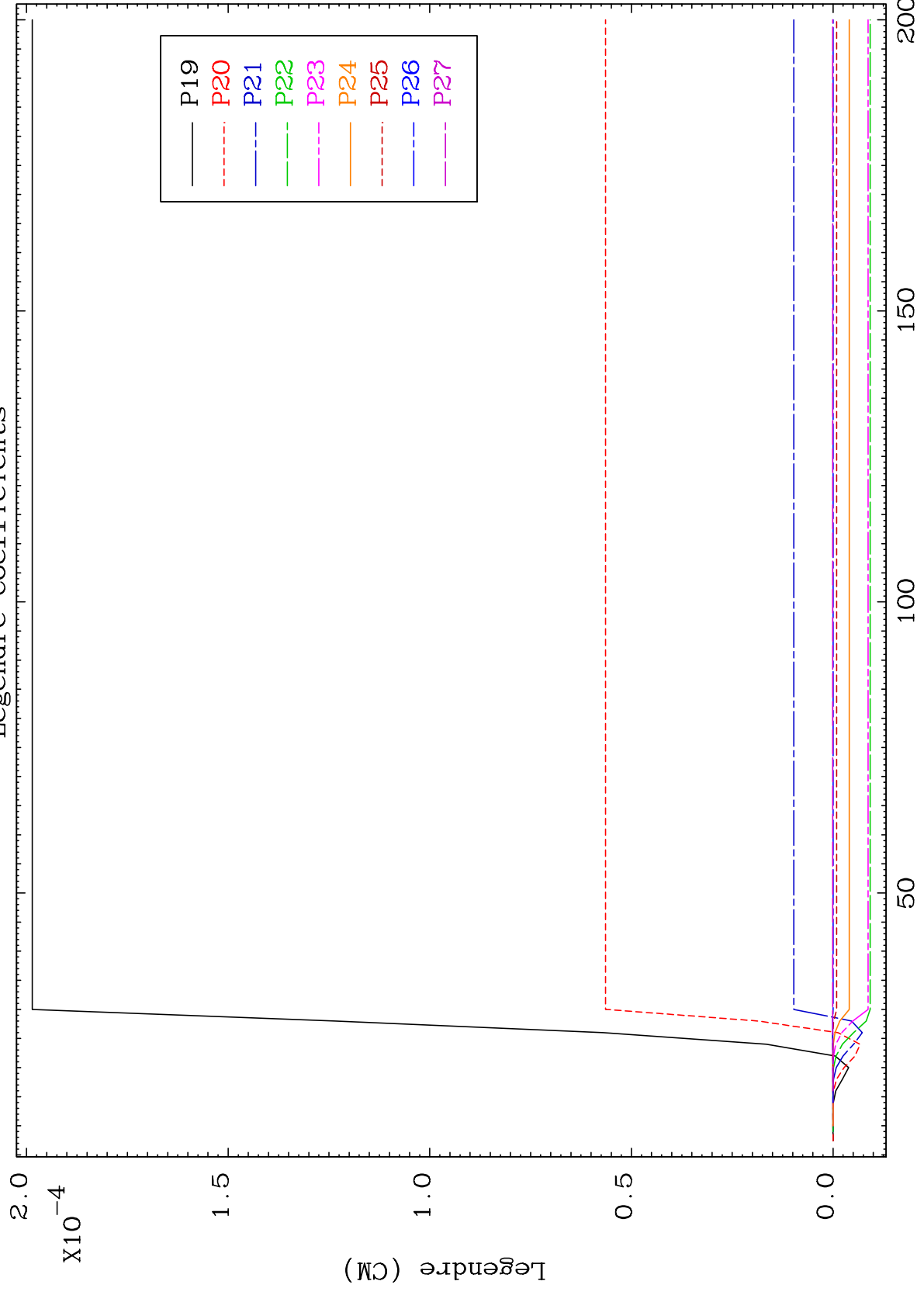
71-Lu-166



MAT 7098

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

71-Lu-166



56

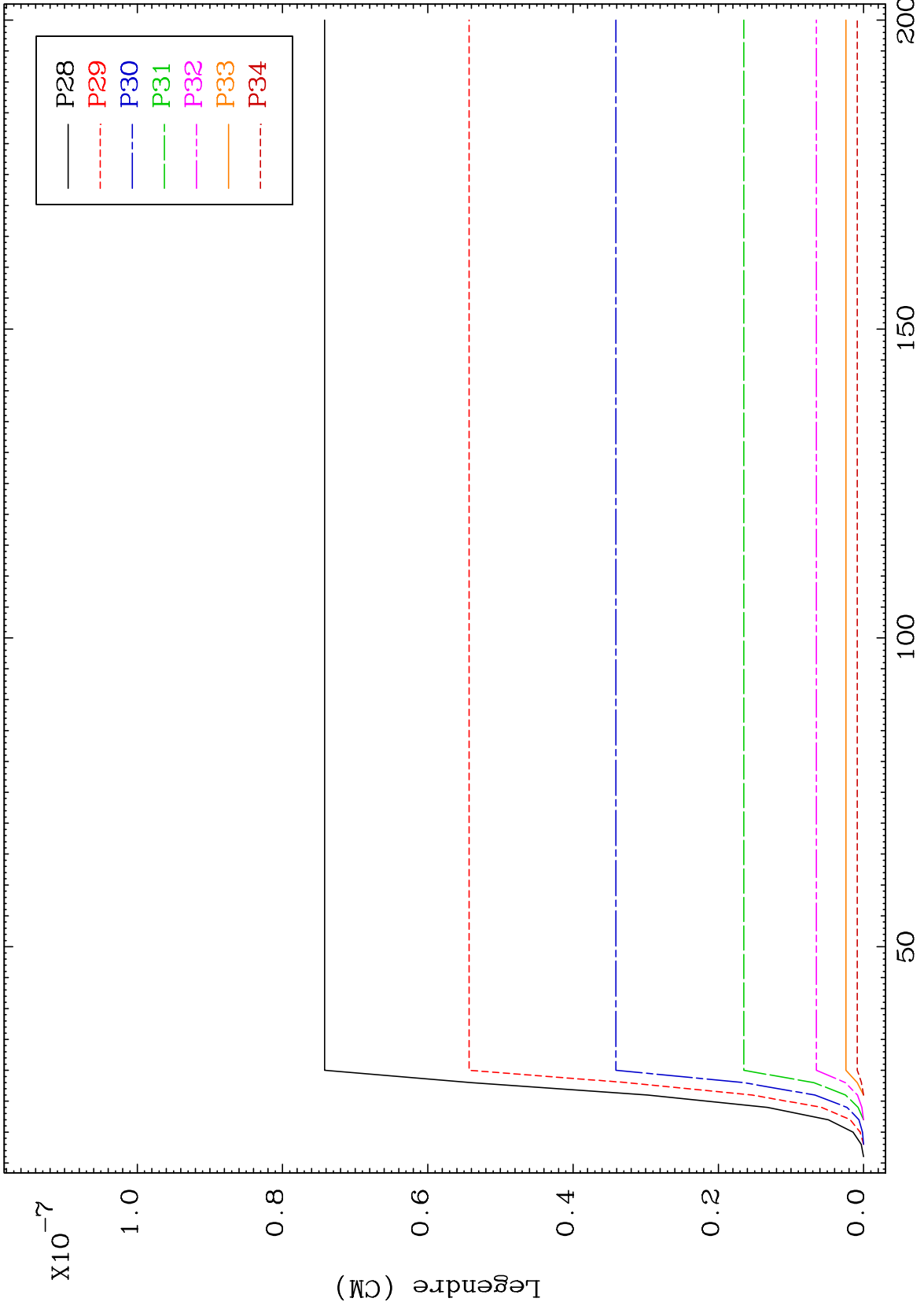
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



57

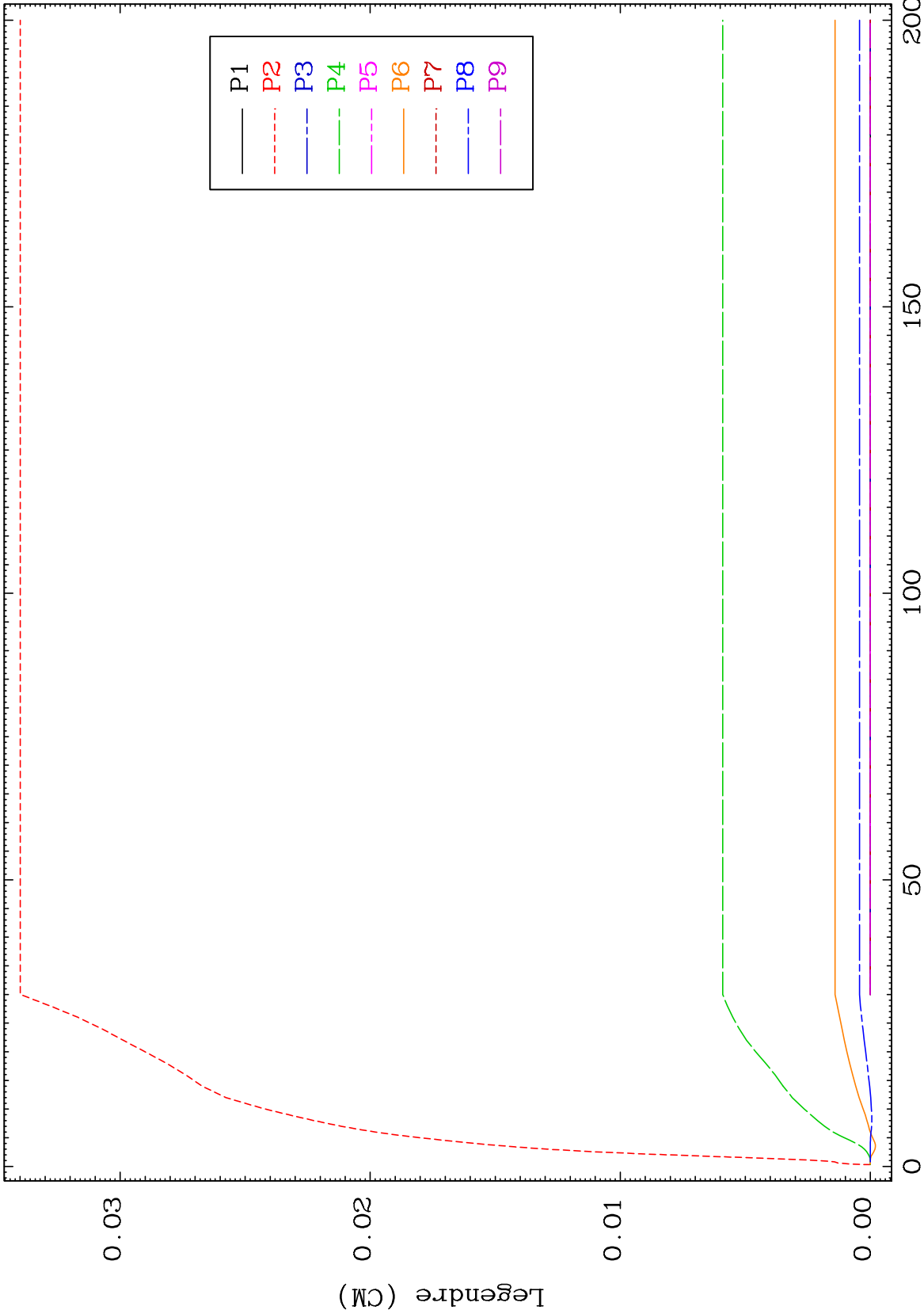
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



58

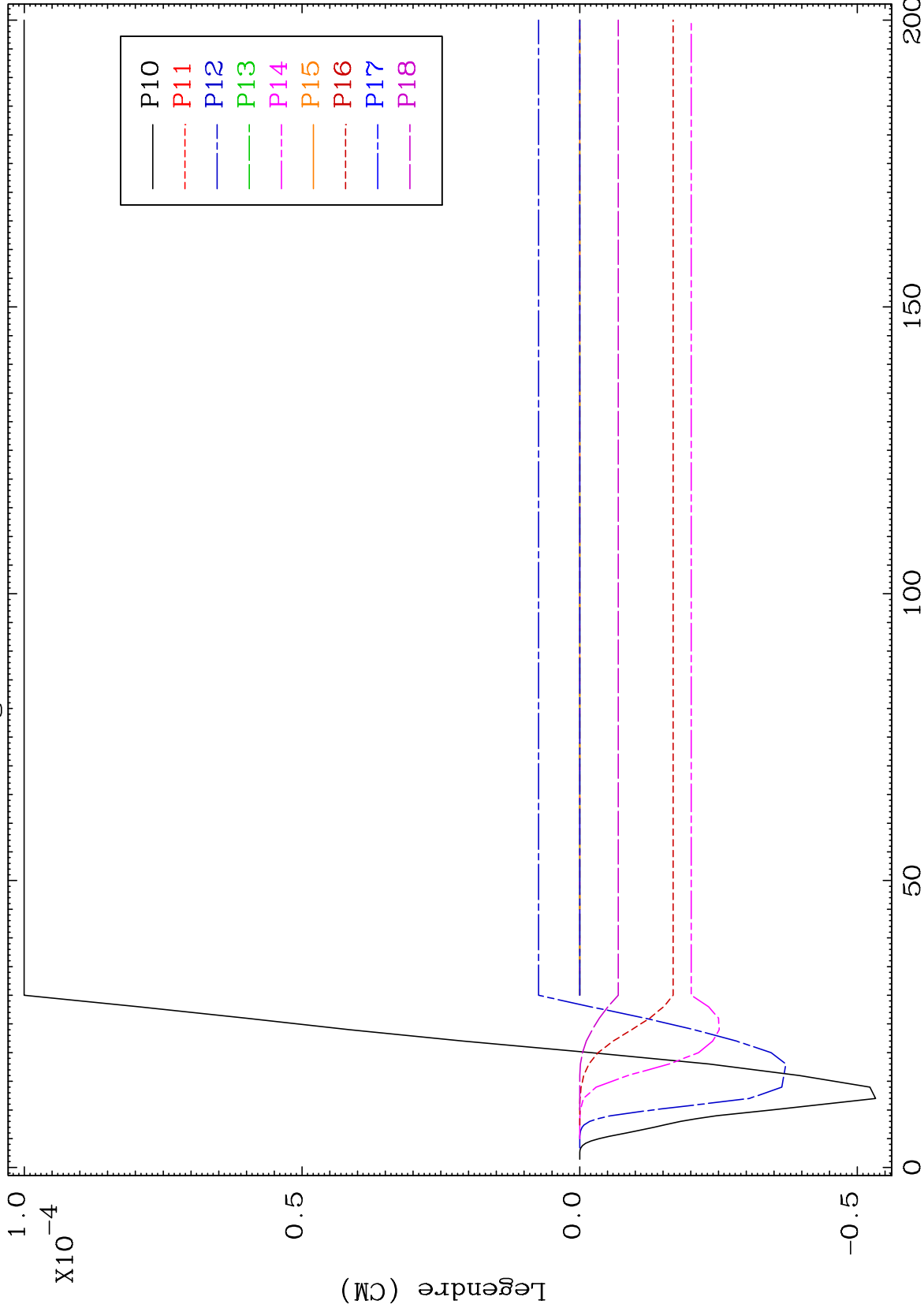
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



59

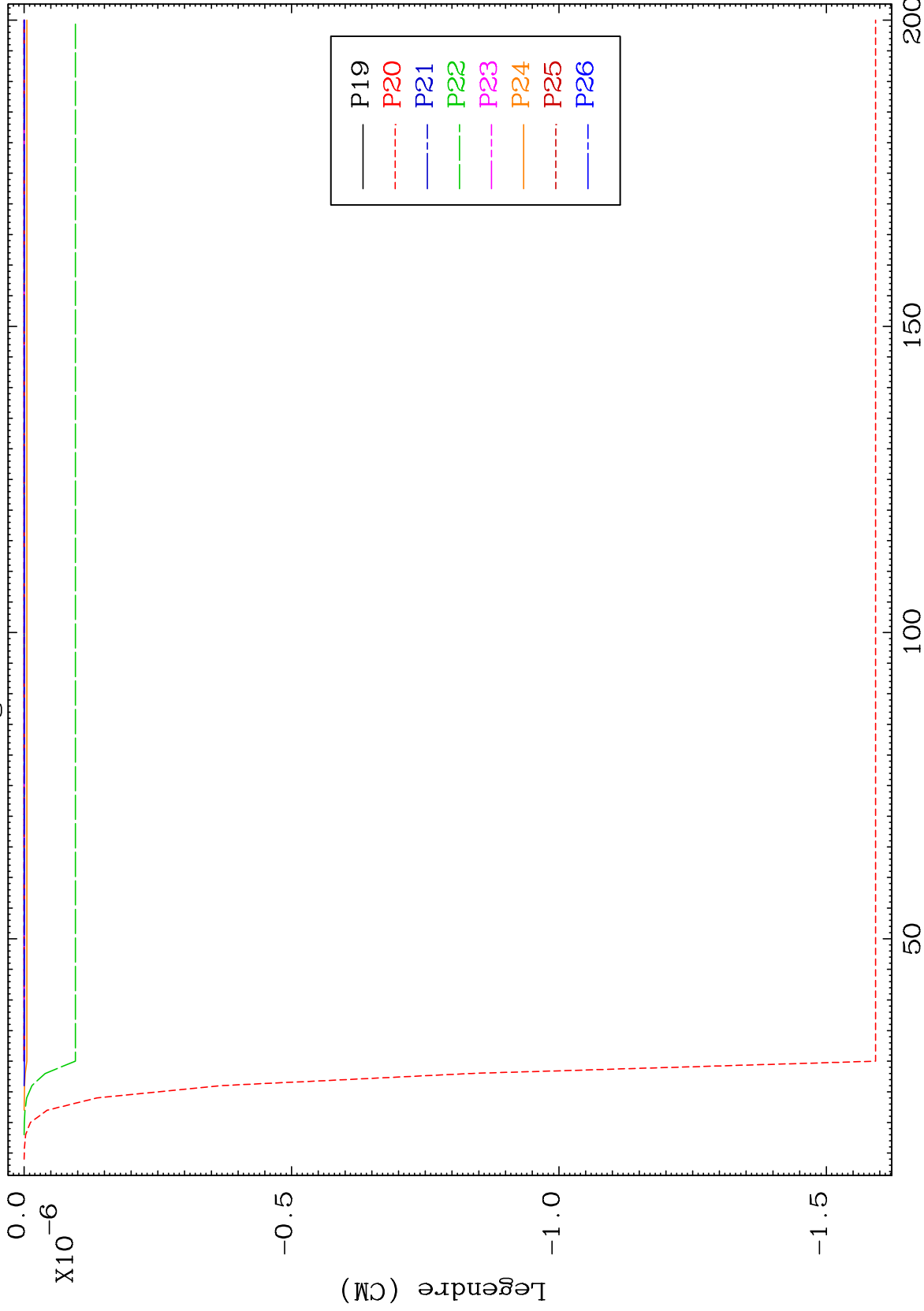
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



60

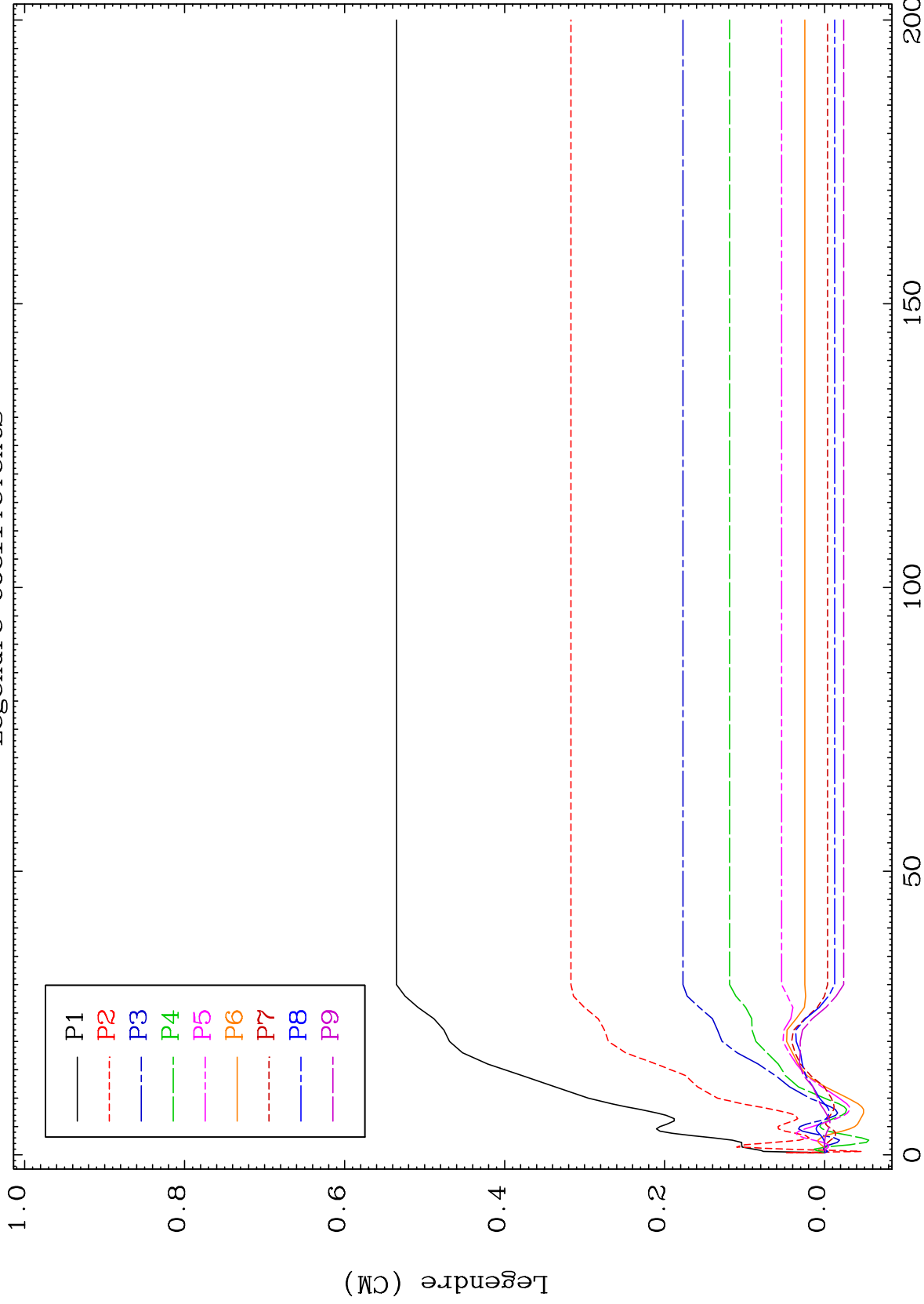
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



61

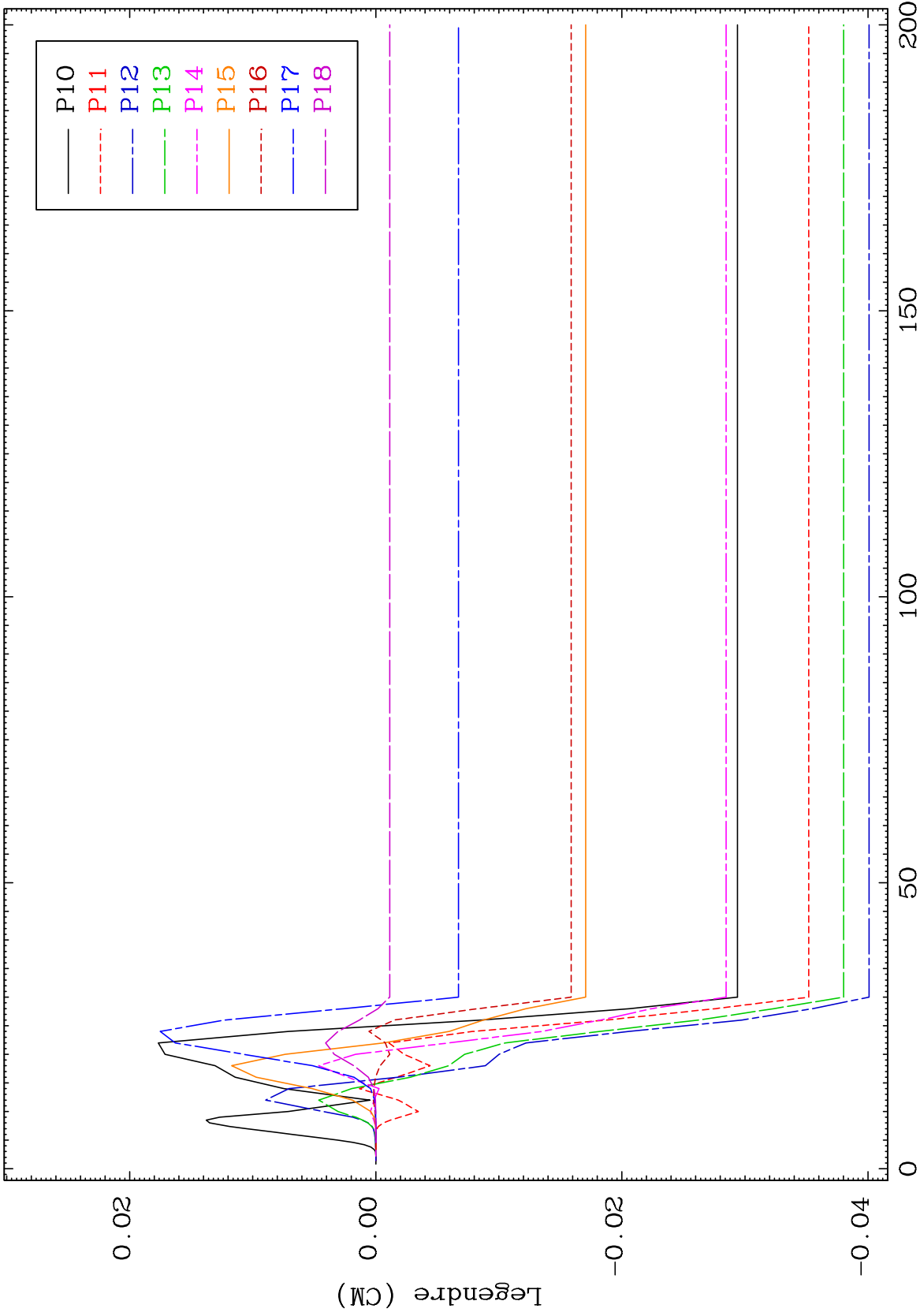
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



62

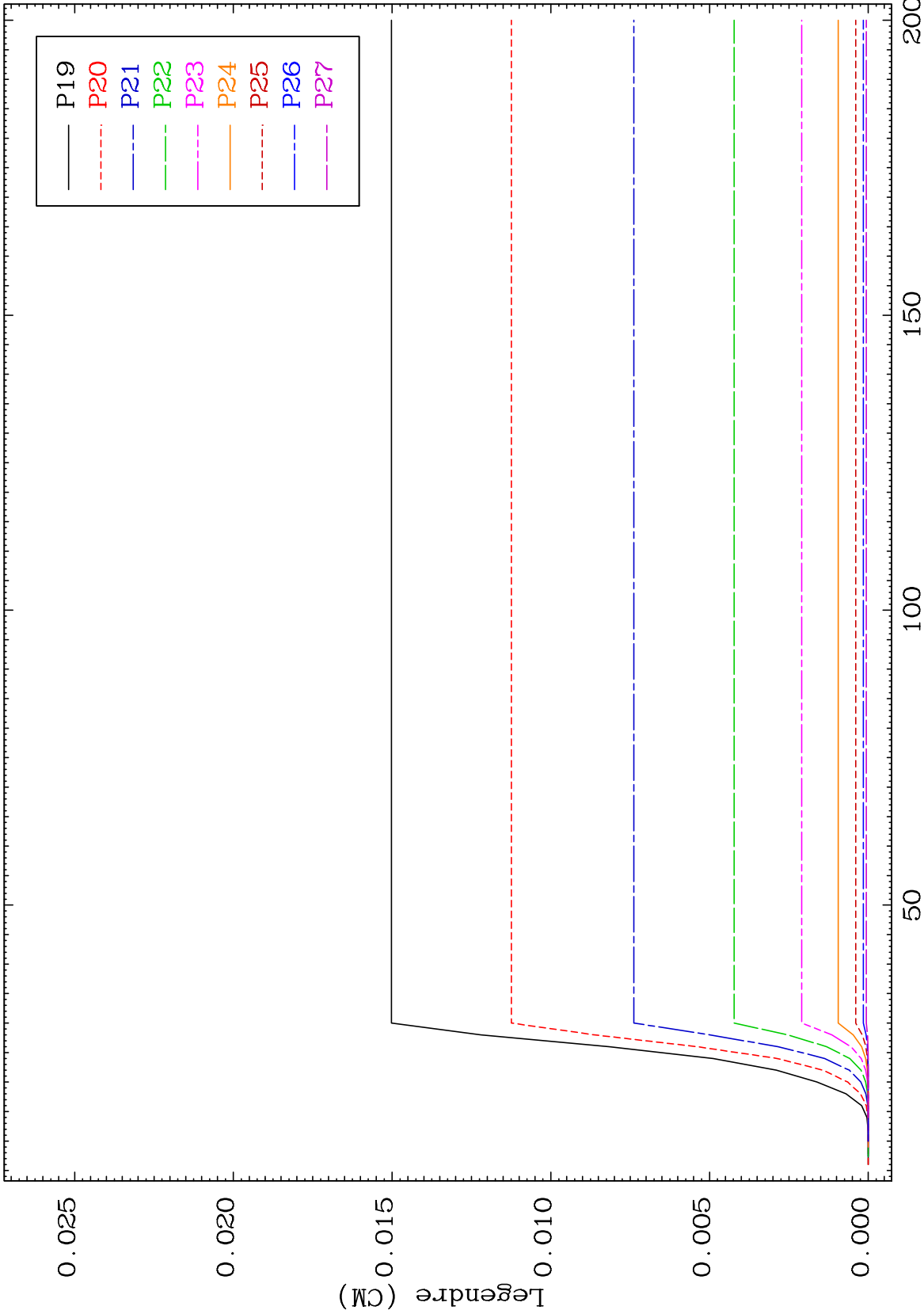
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



63

Incident Energy (MeV)

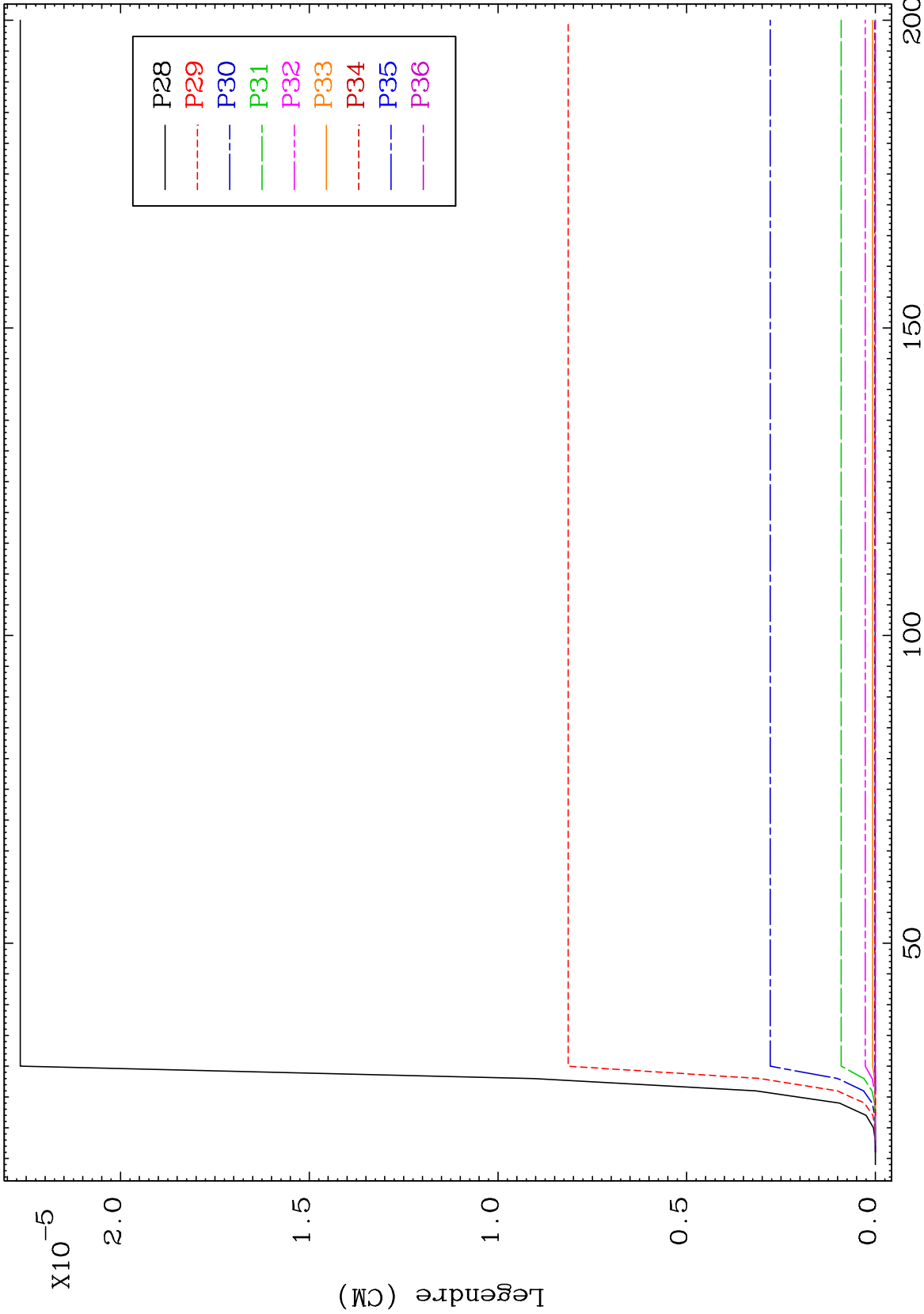
71-Lu-166



MAT 7098

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

71-Lu-166



64

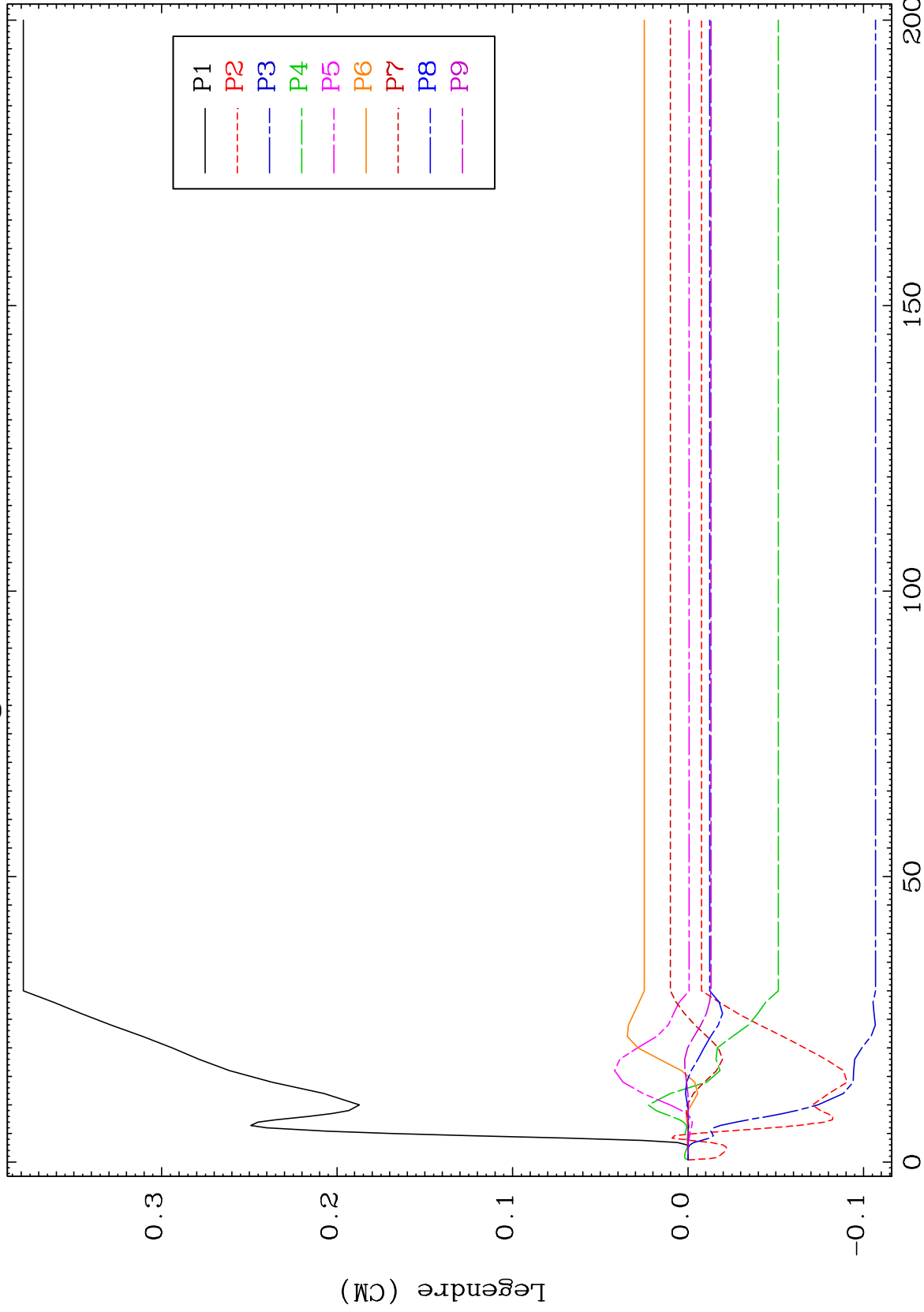
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



65

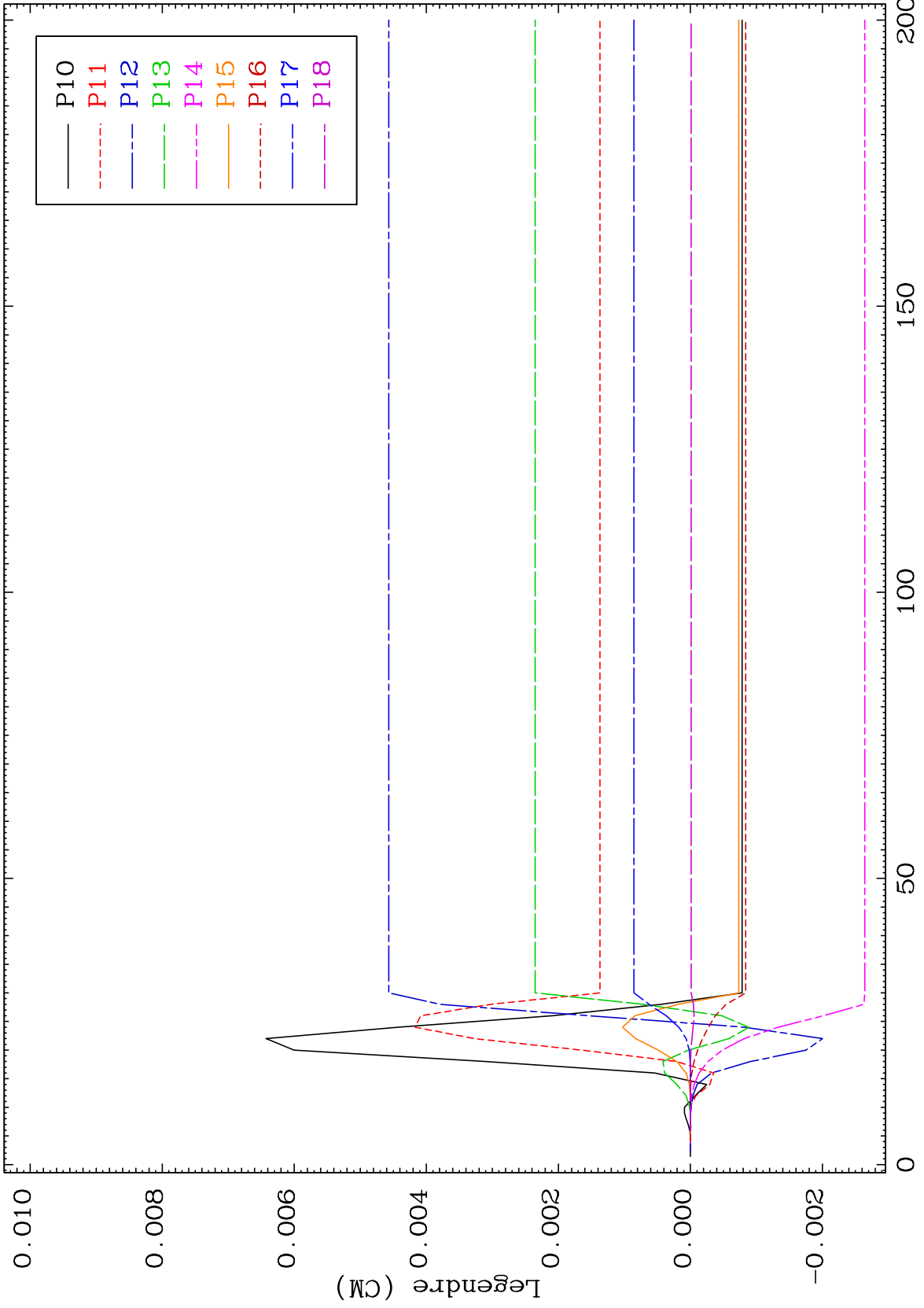
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



66

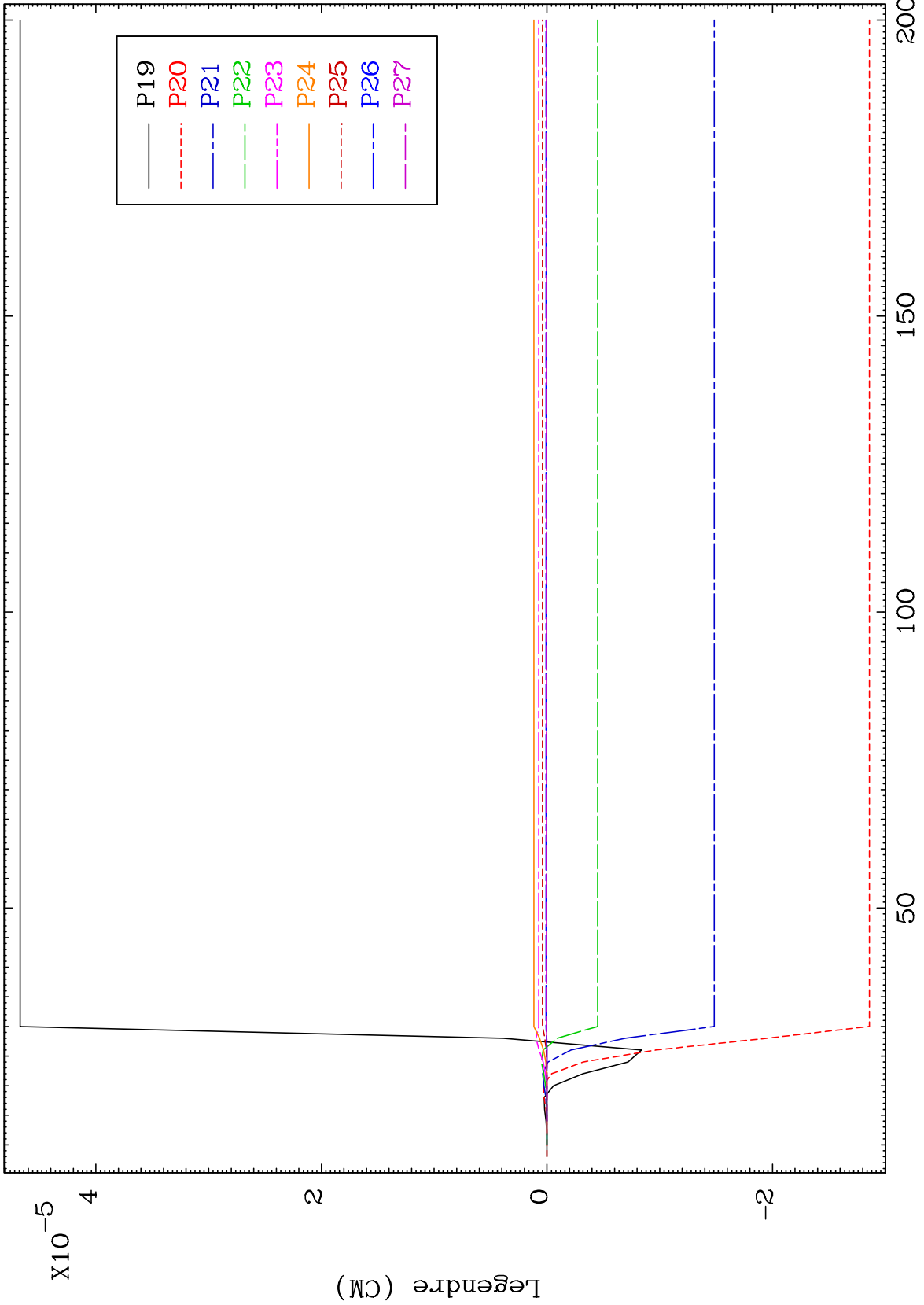
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



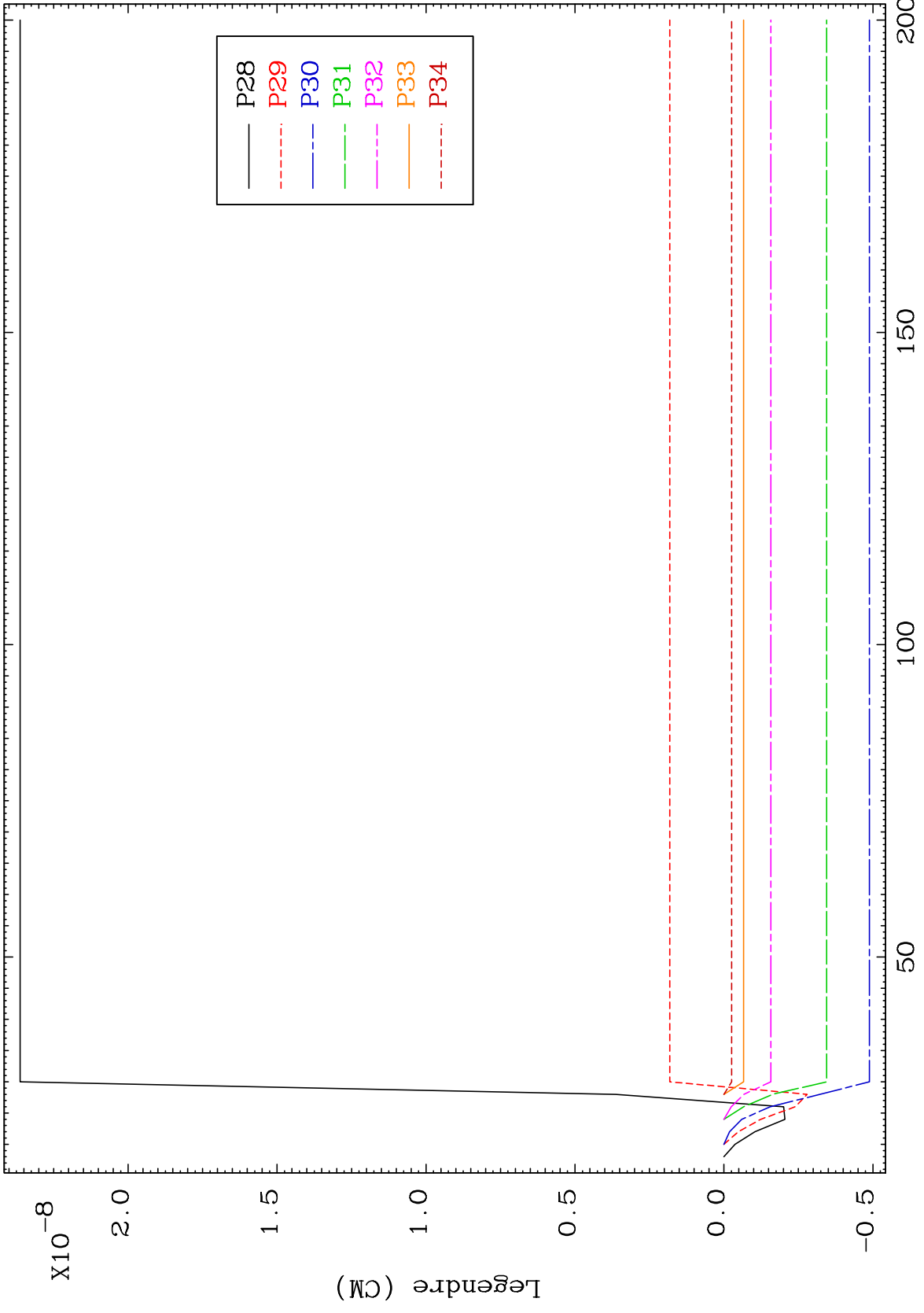
67

71-Lu-166

MAT 7098

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

71-Lu-166



68

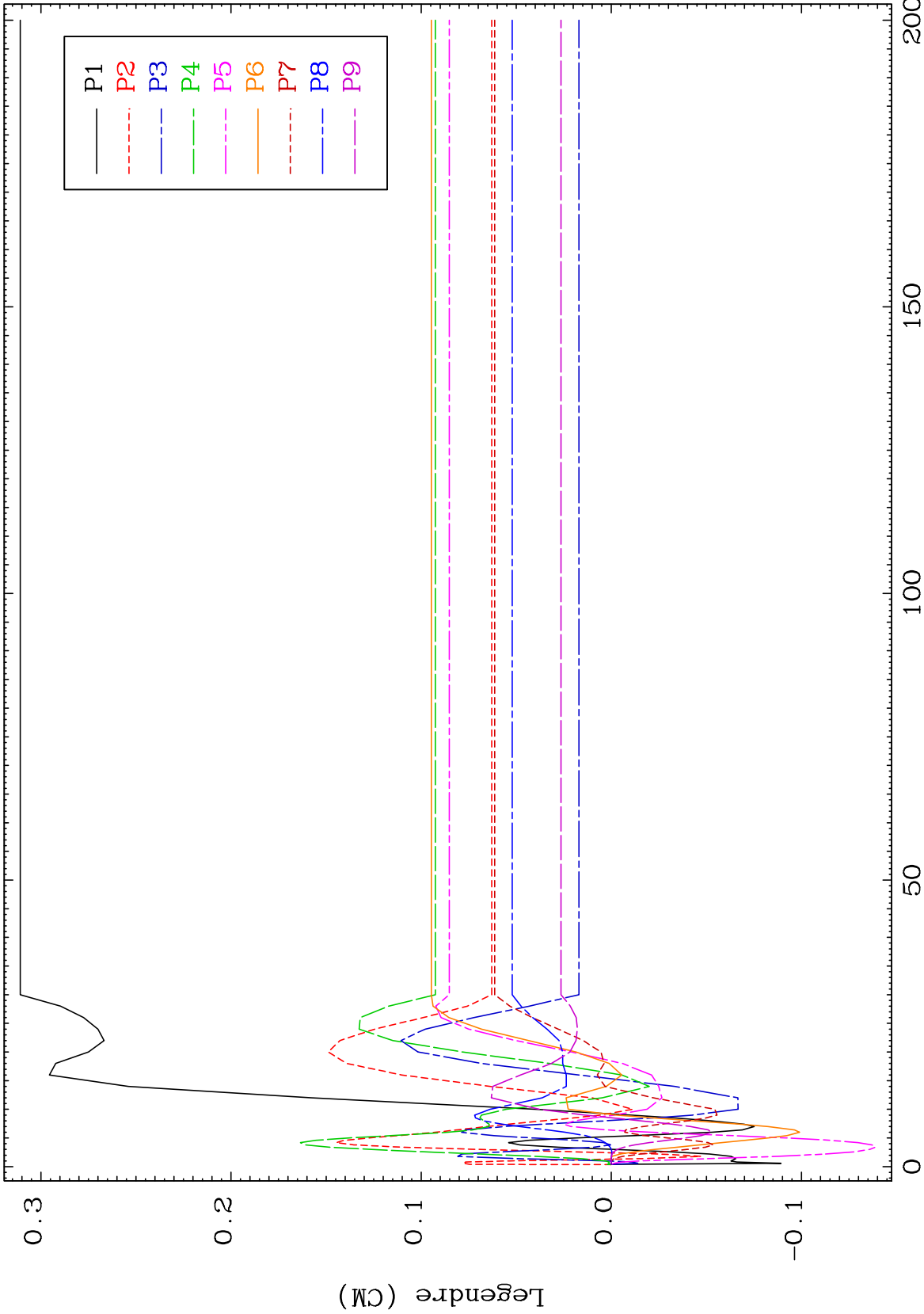
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



69

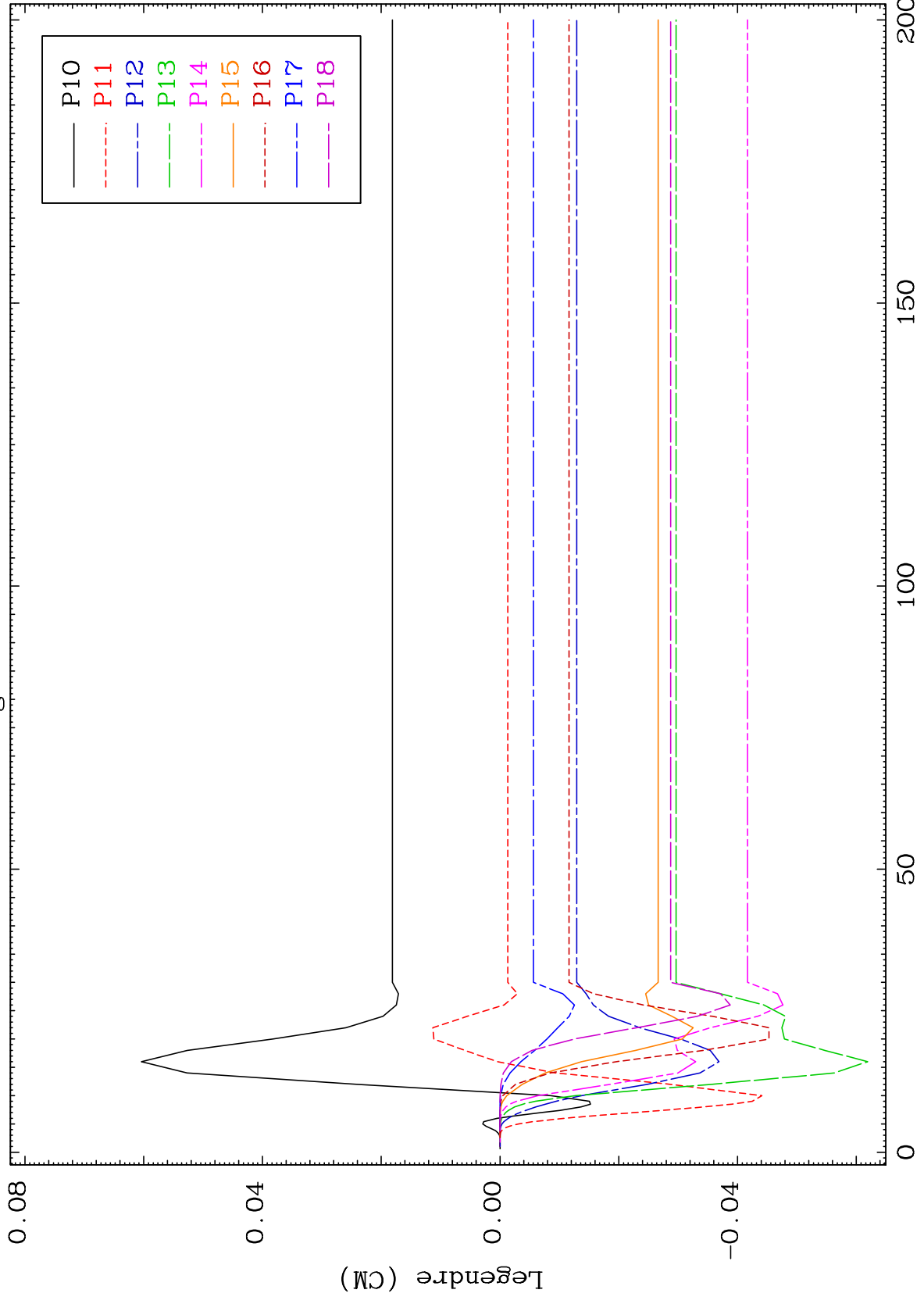
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



70

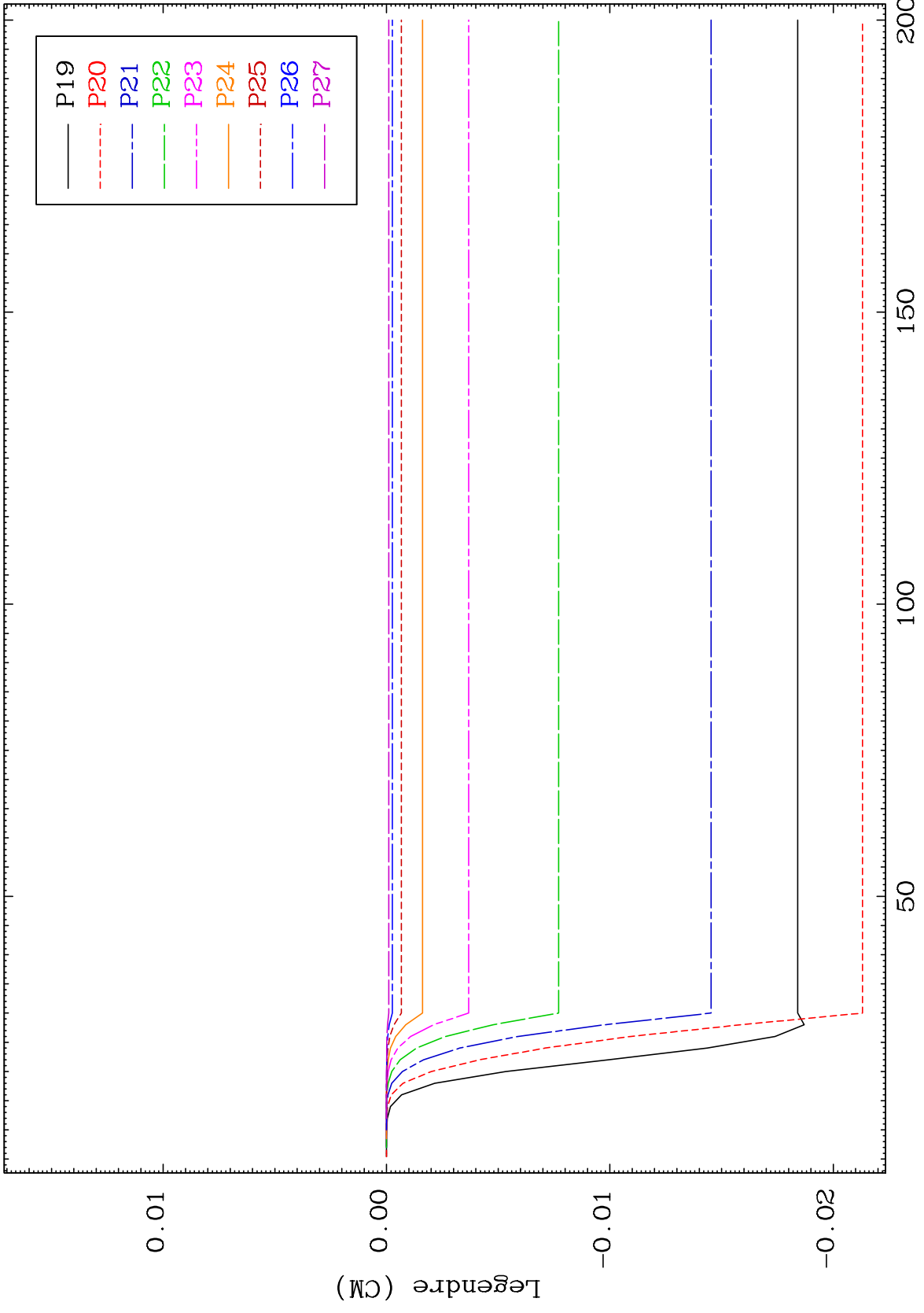
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



71

Incident Energy (MeV)

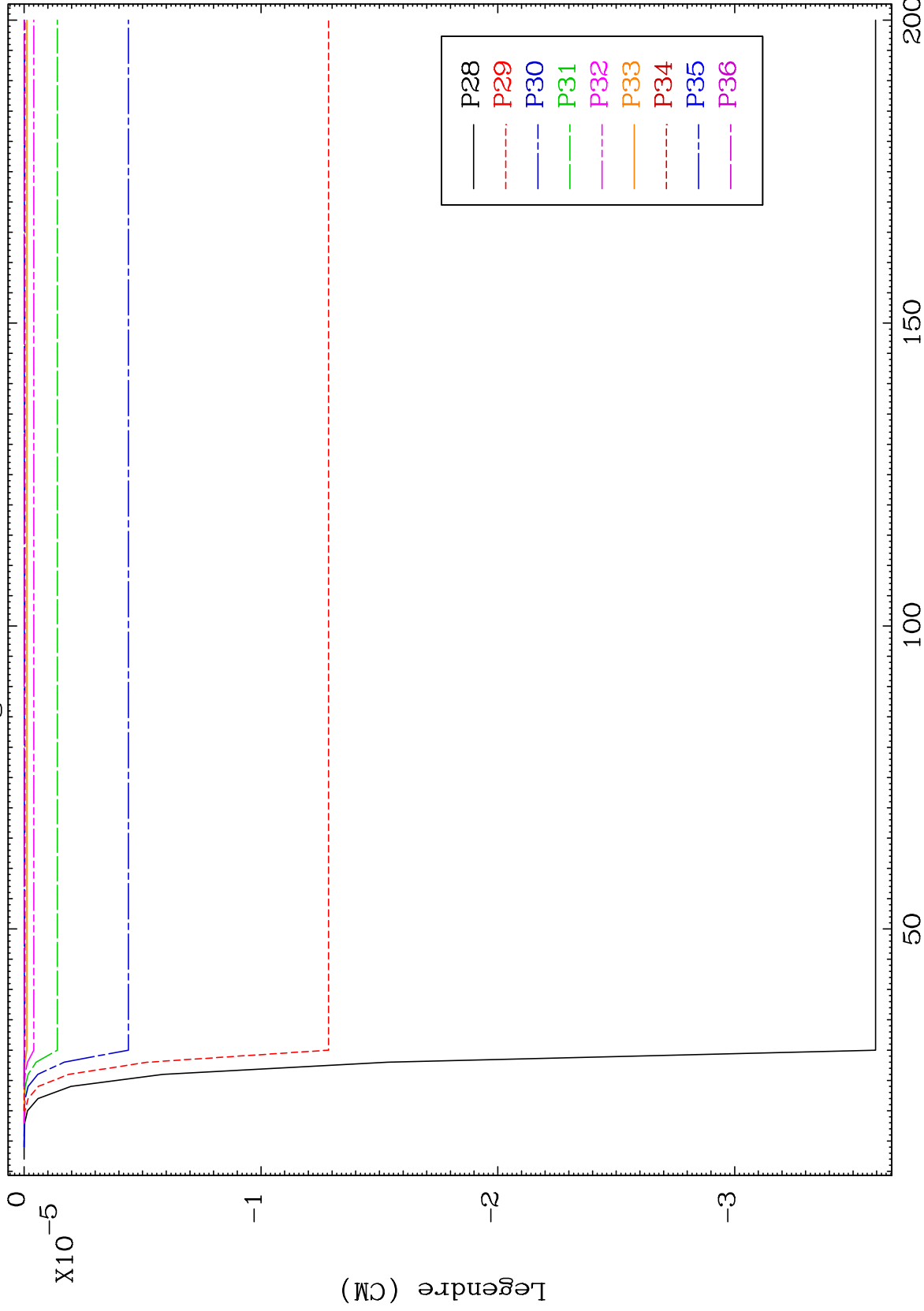
71-Lu-166



MAT 7098

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

71-Lu-166



71-Lu-166

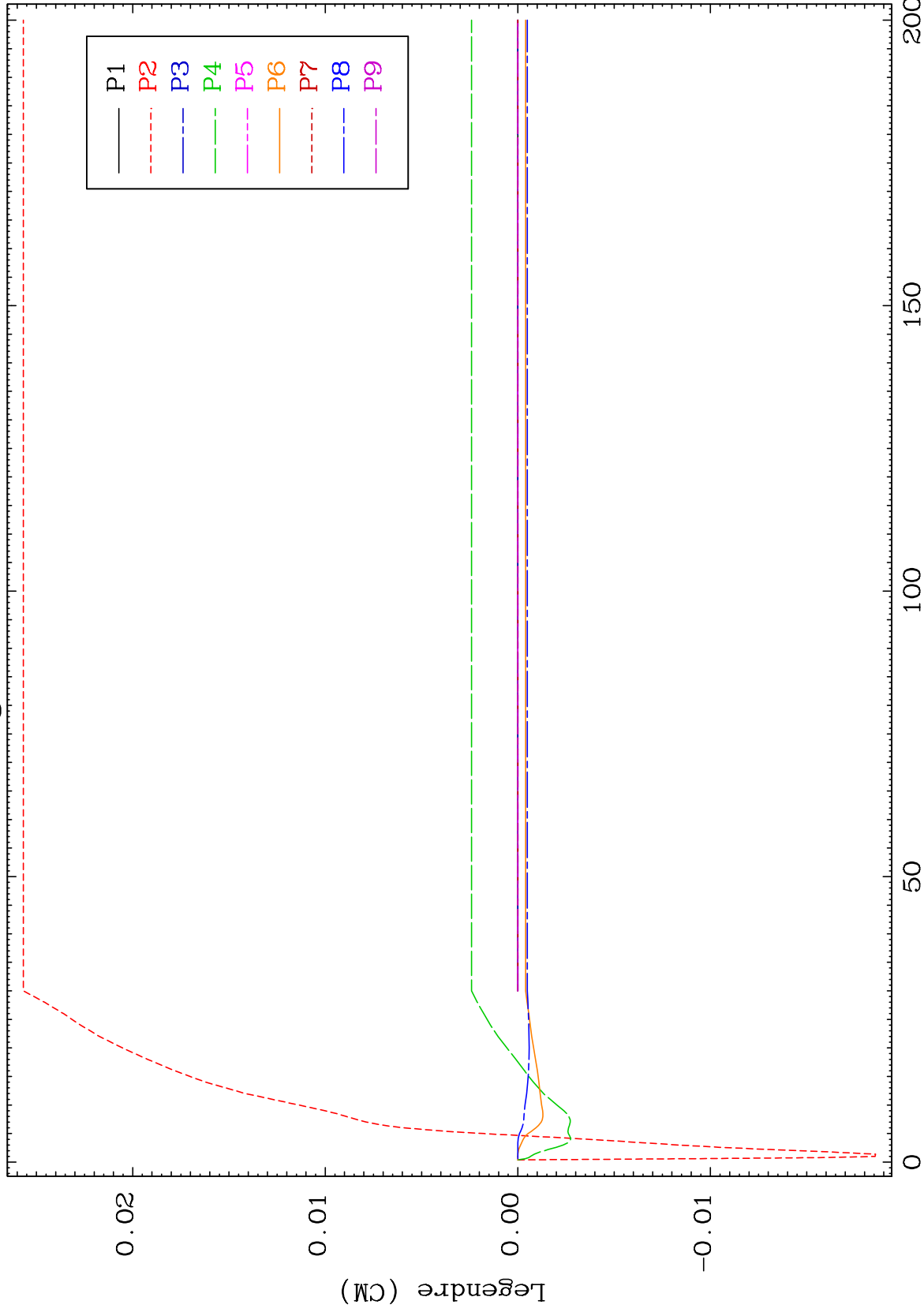
Incident Energy (MeV)

72

MAT 7098

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

71-Lu-166



73

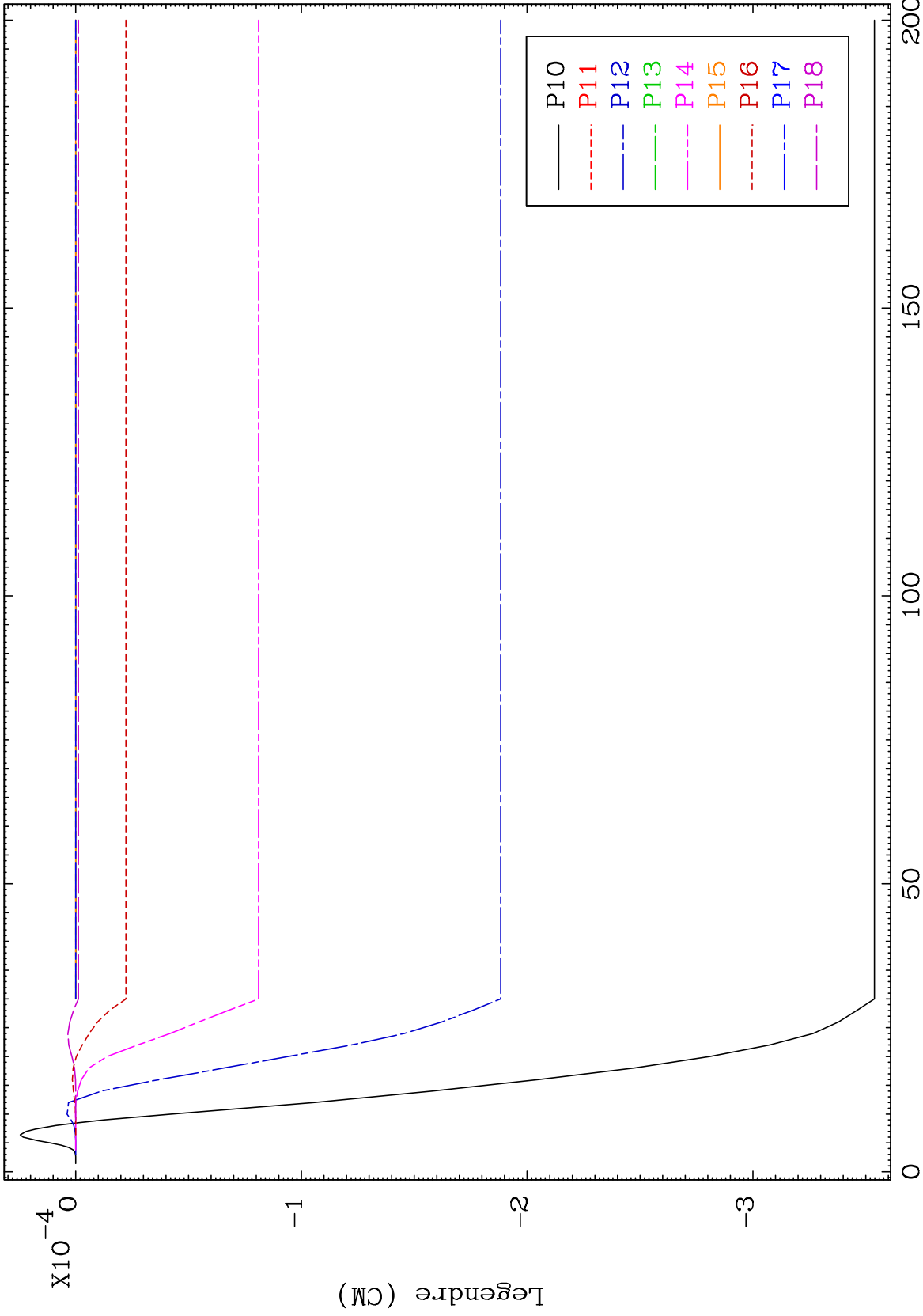
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



74

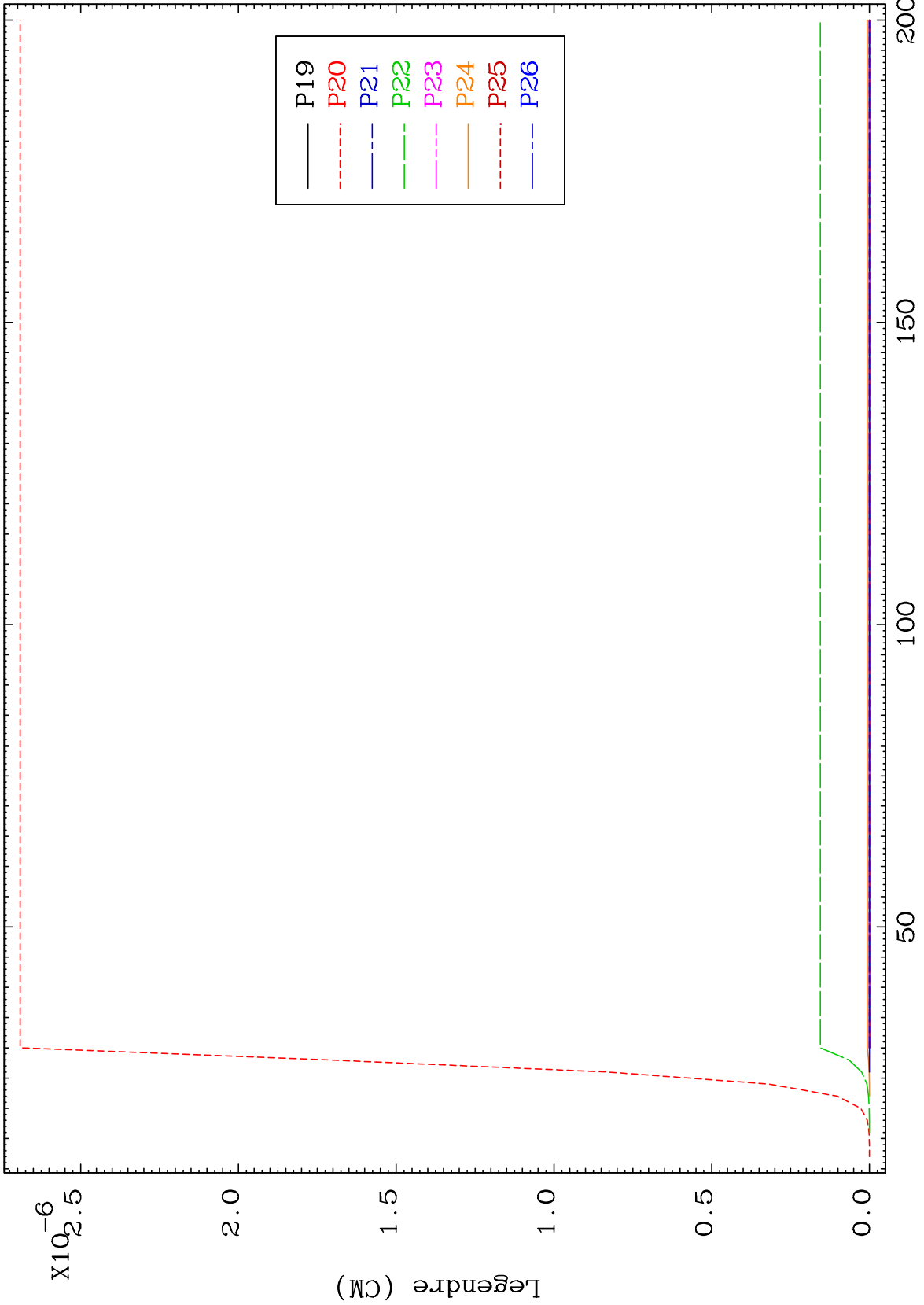
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



75

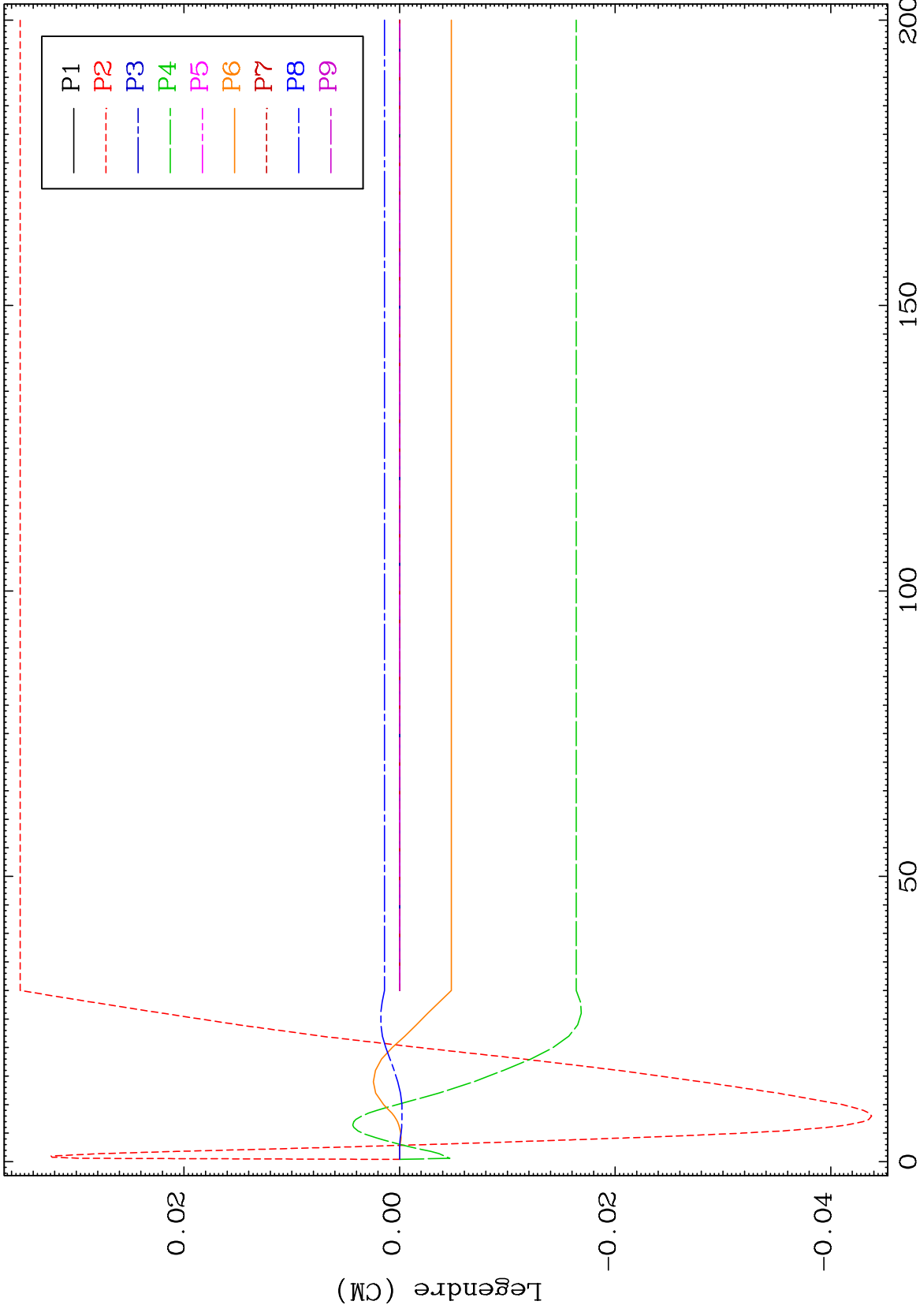
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



76

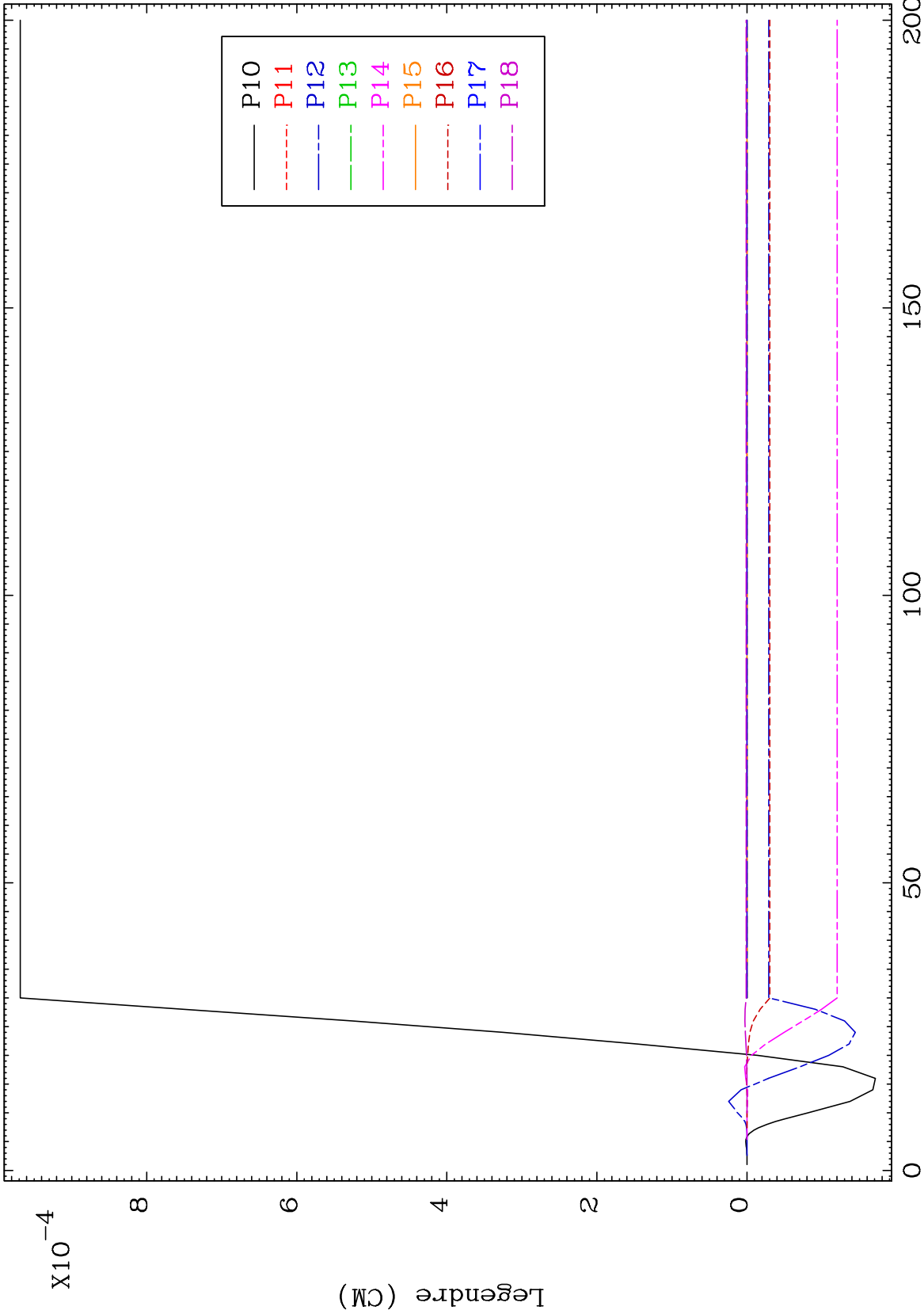
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



77

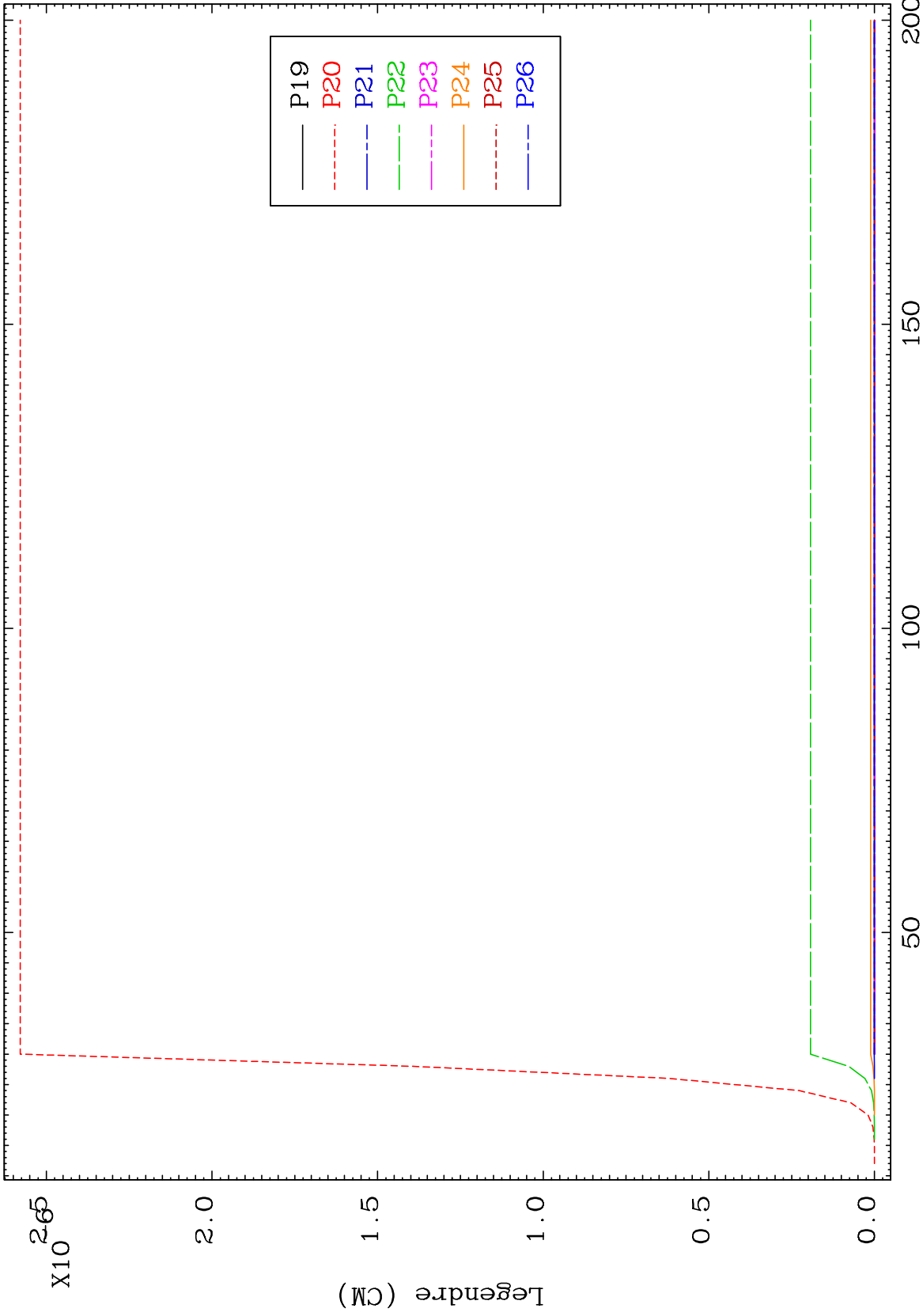
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



78

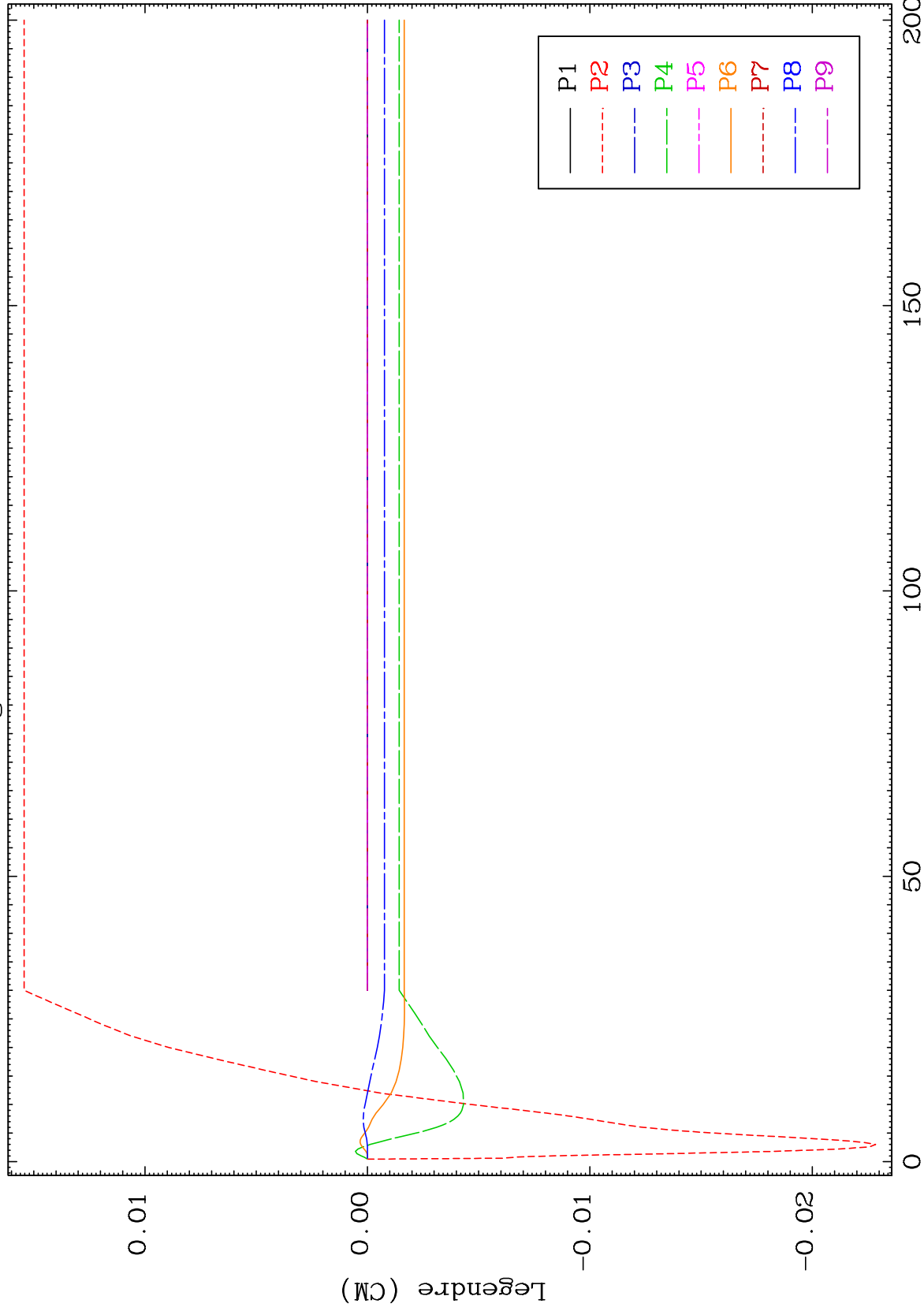
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



79

Incident Energy (MeV)

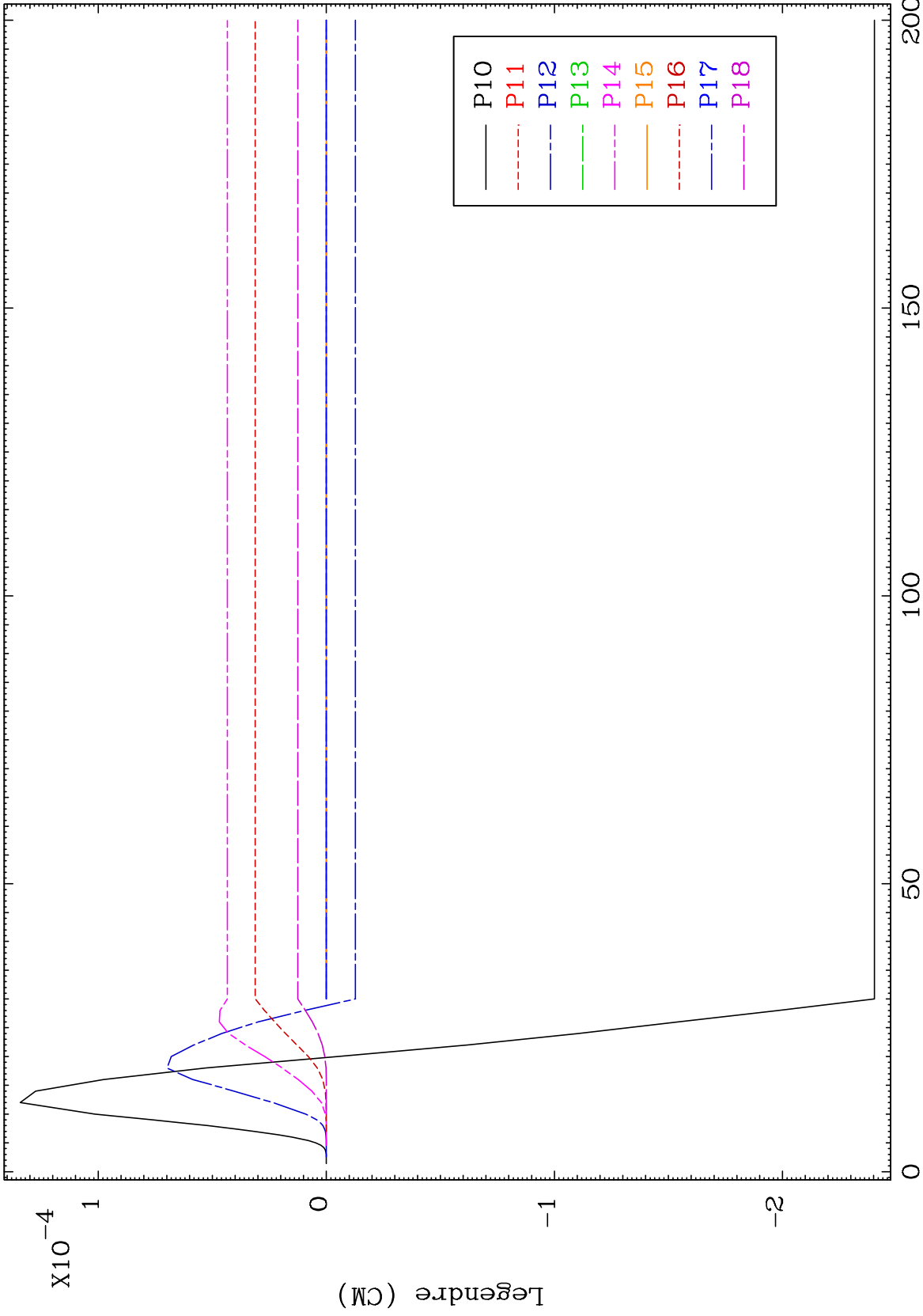
71-Lu-166



MAT 7098

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

71-Lu-166



80

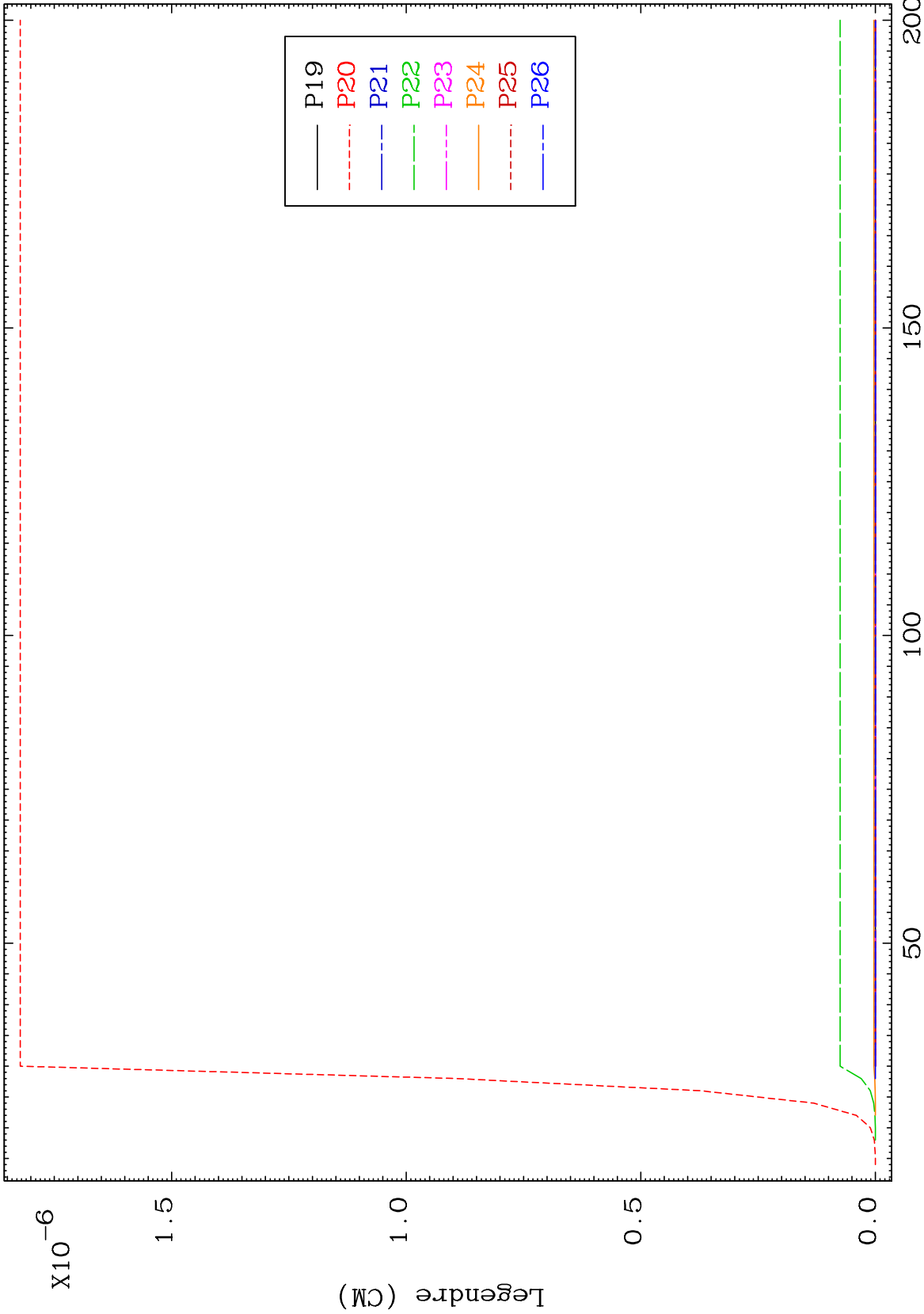
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



81

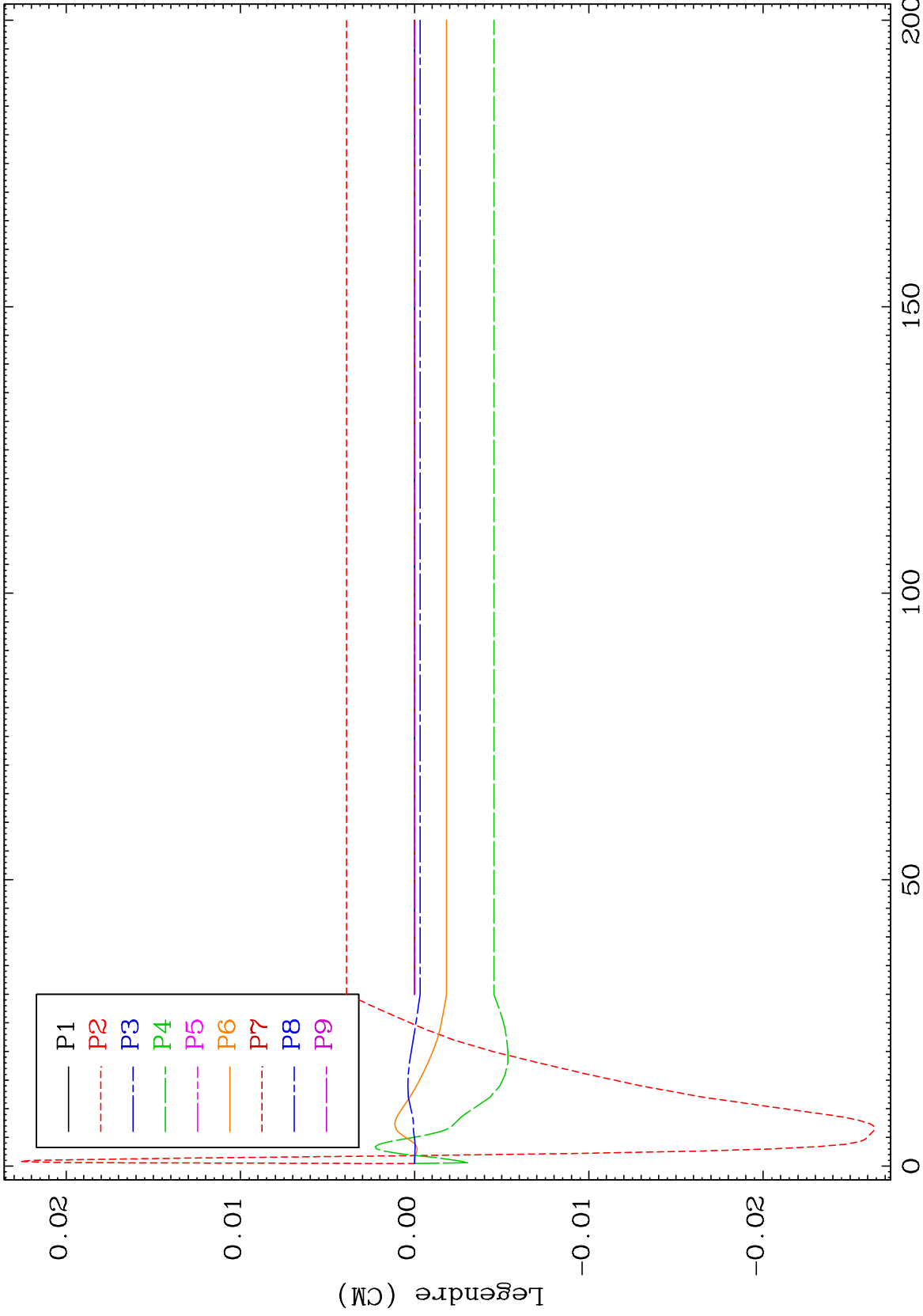
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



82

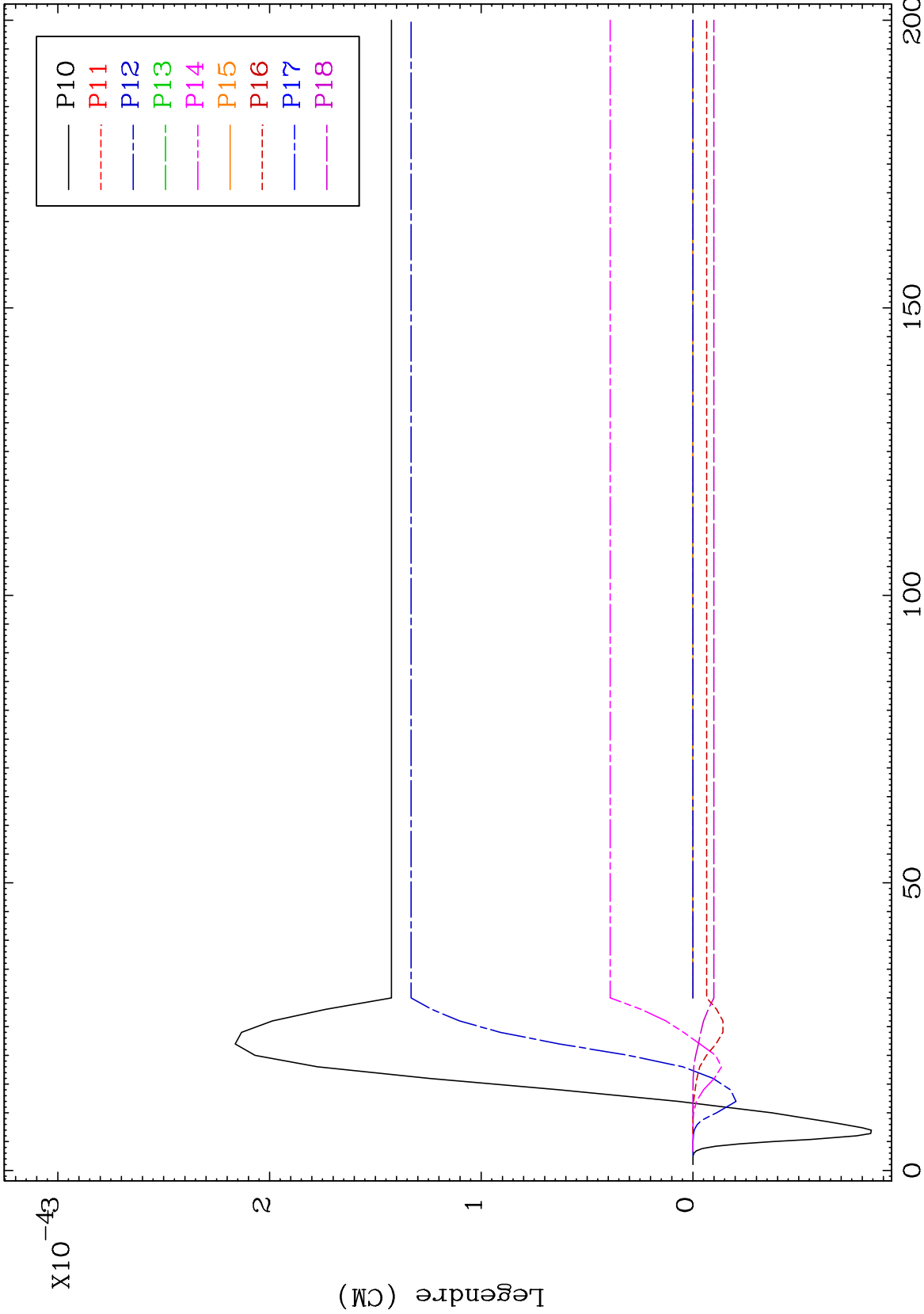
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166

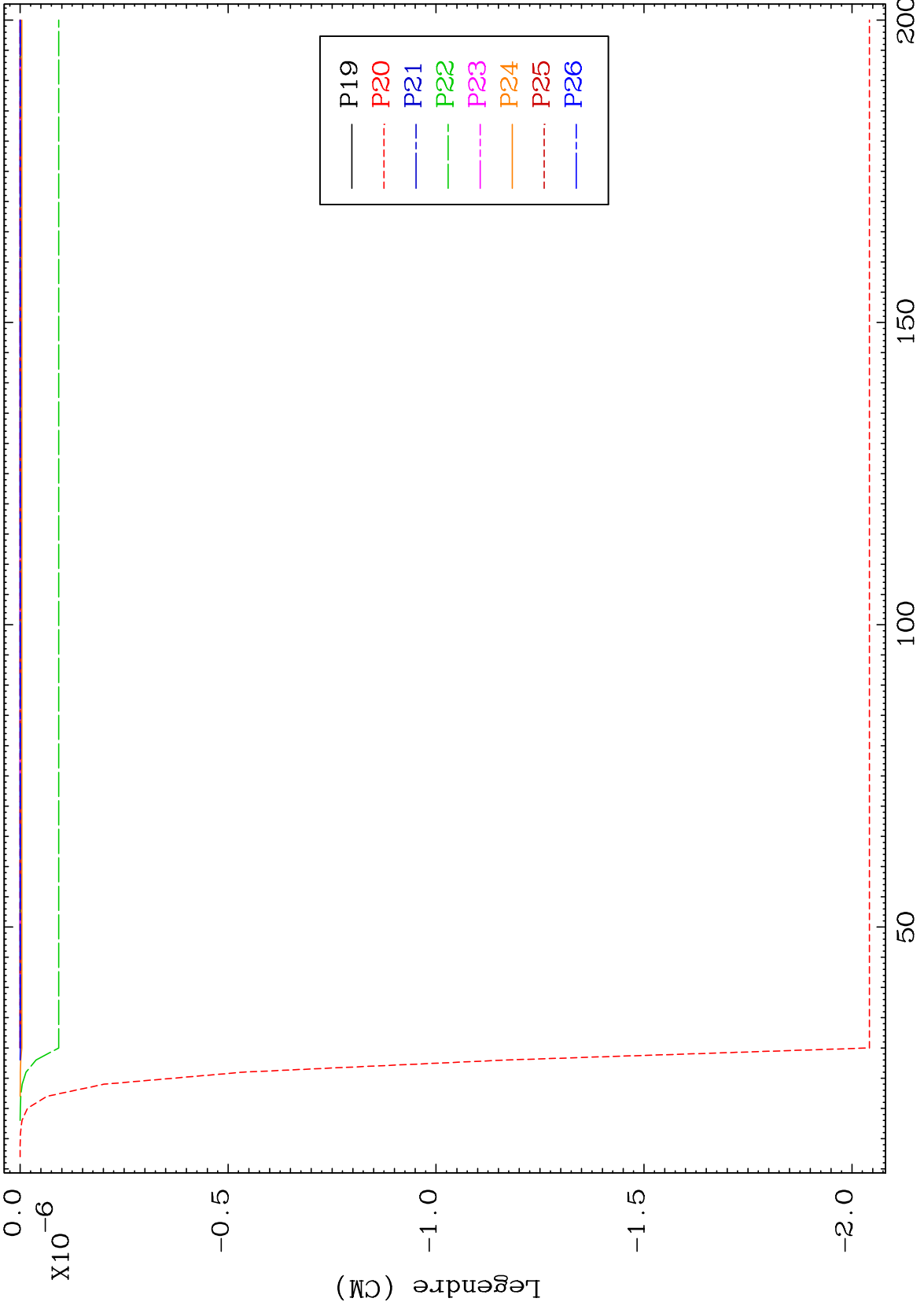


83

Incident Energy (MeV)

71-Lu-166

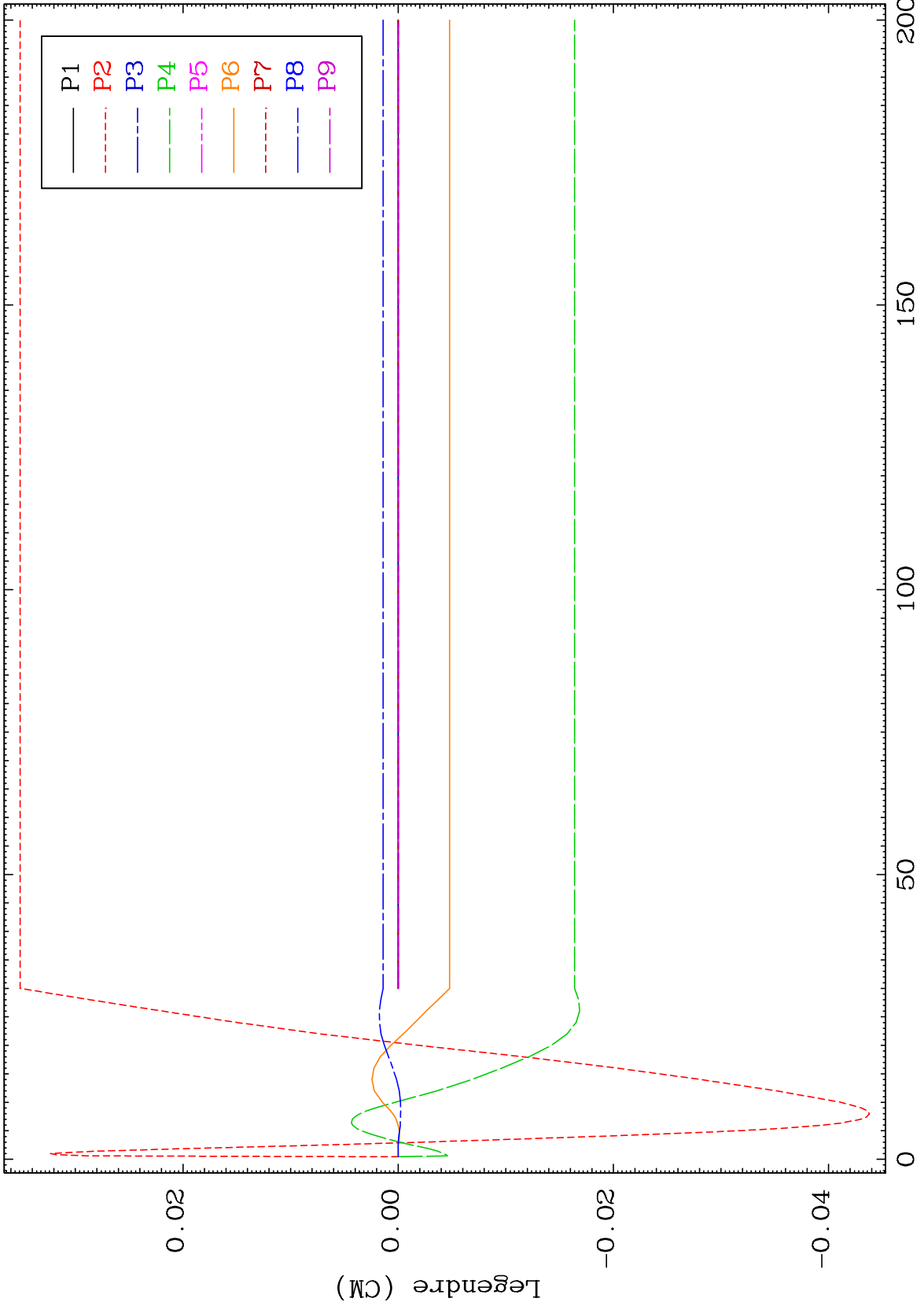
MAT 7098 MT= 69 (n,n') Level Legendre Coefficients 71-Lu-166



MAT 7098

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

71-Lu-166



85

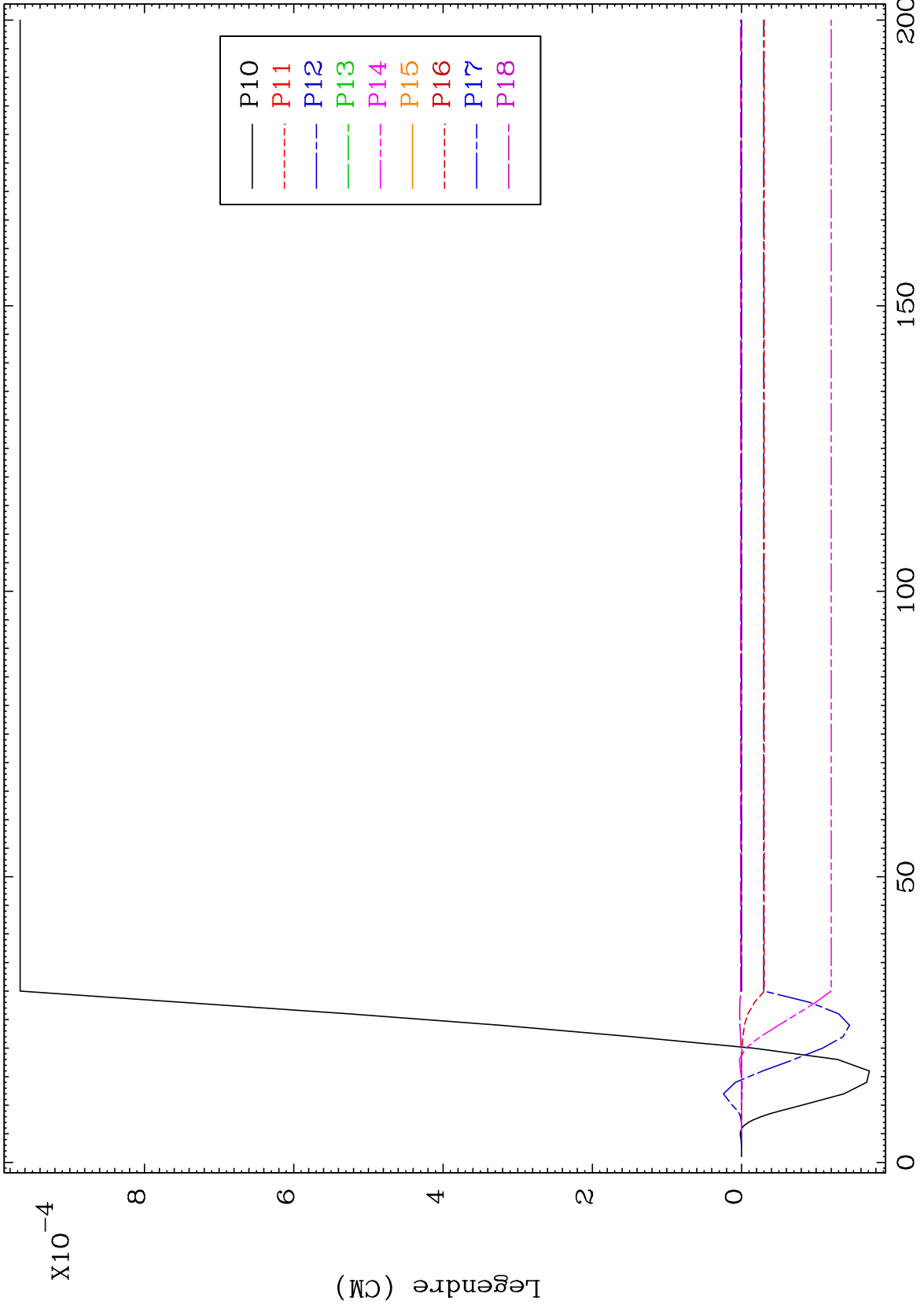
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



86

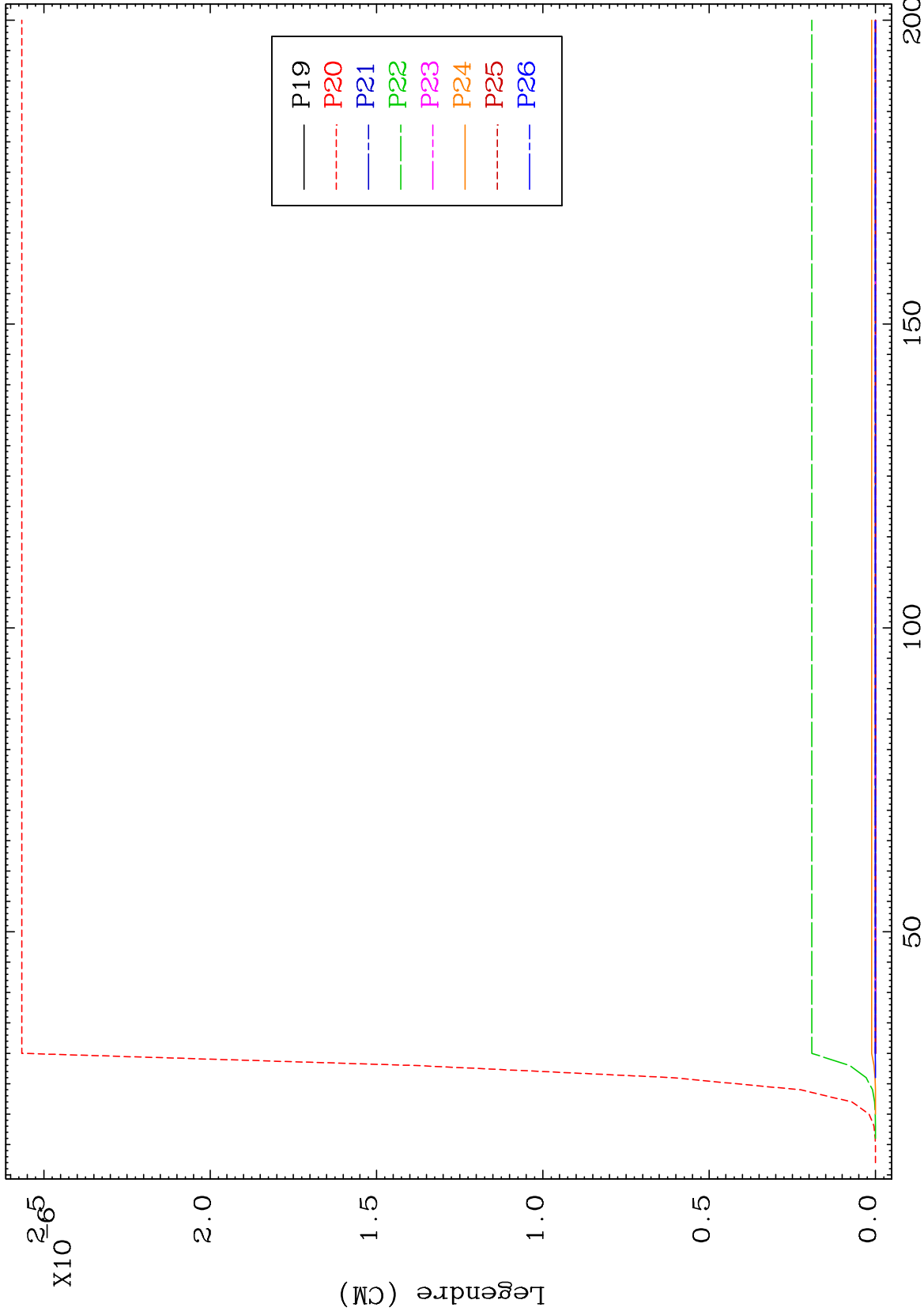
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



87

Incident Energy (MeV)

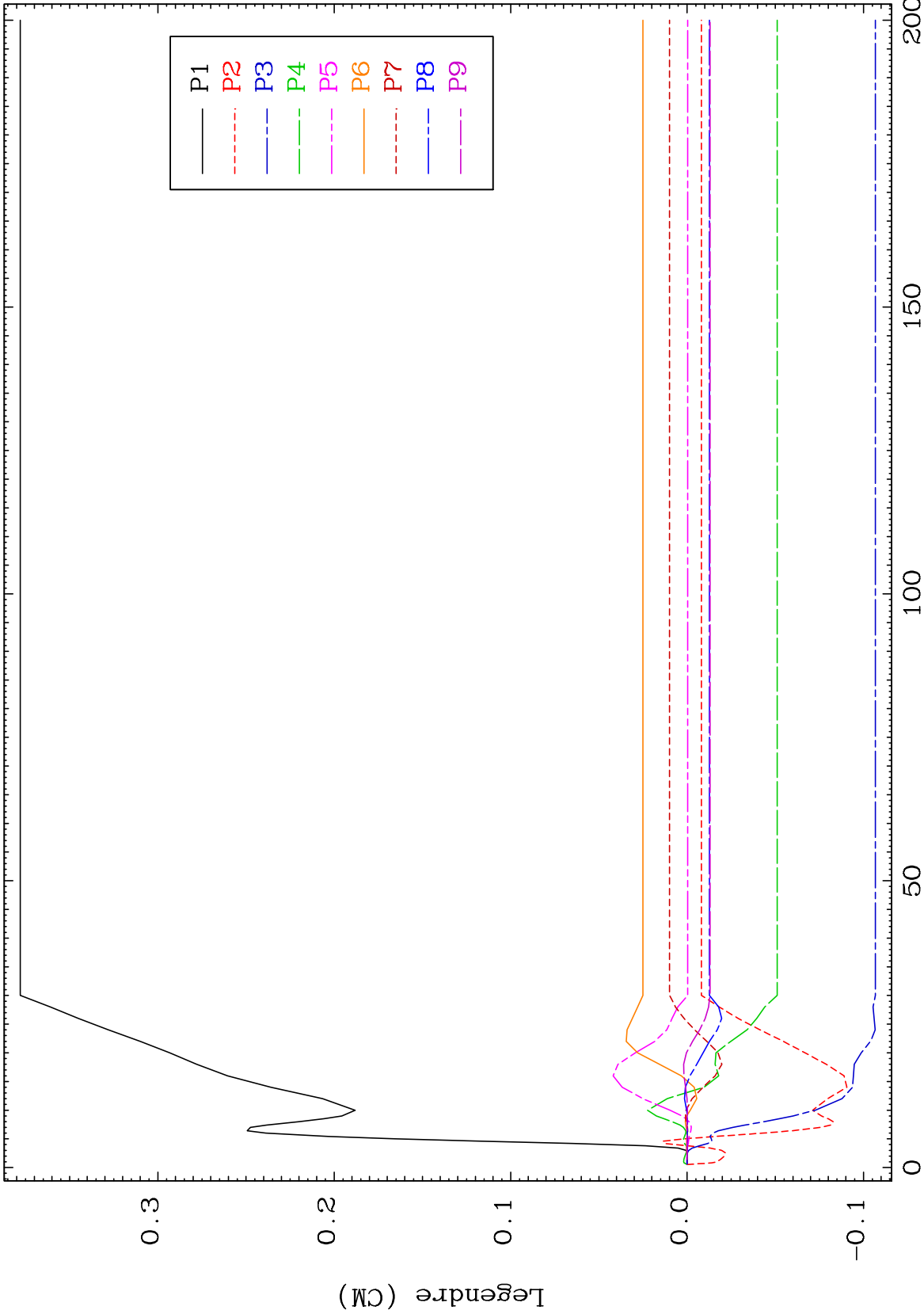
71-Lu-166



MAT 7098

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

71-Lu-166



88

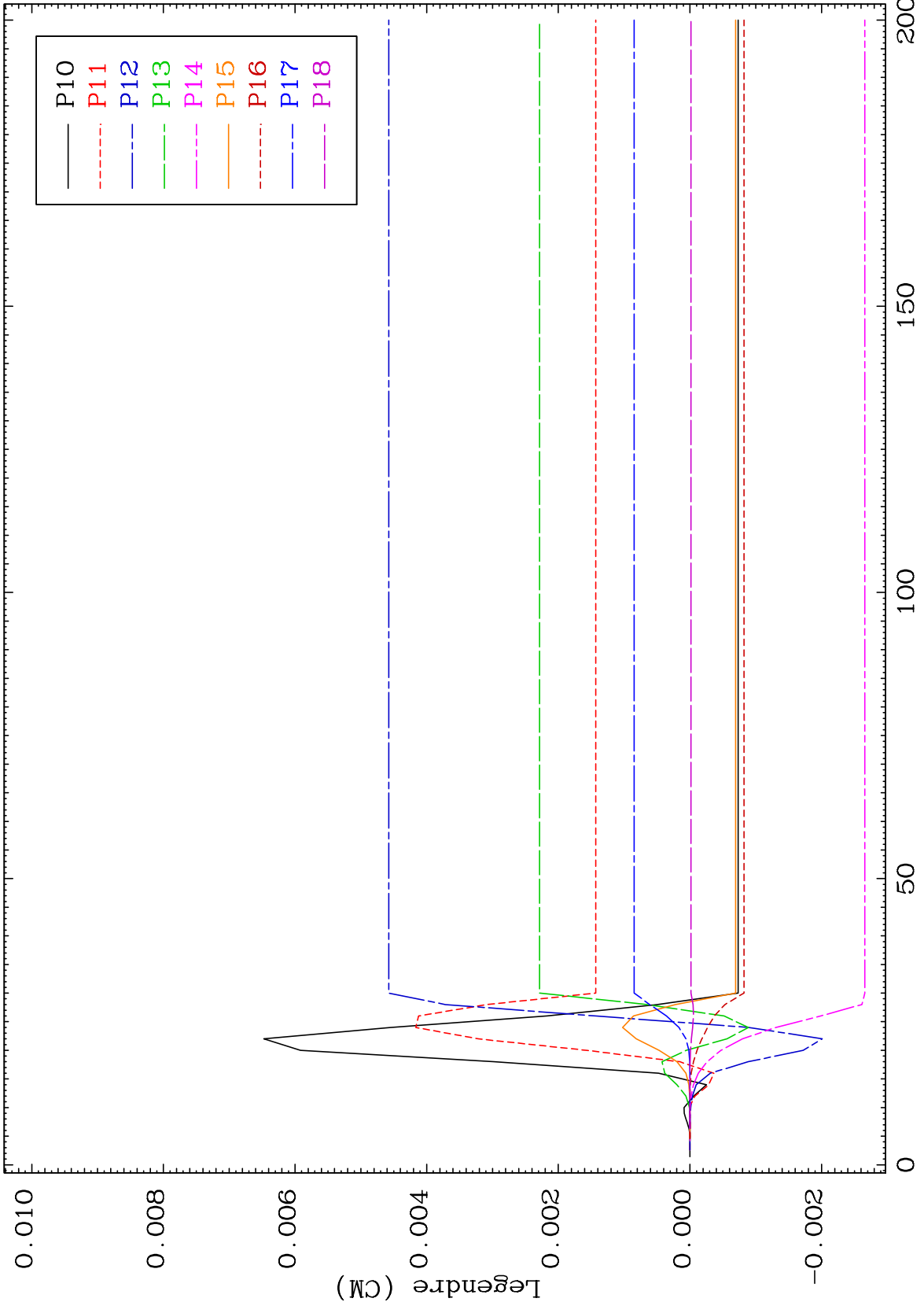
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



89

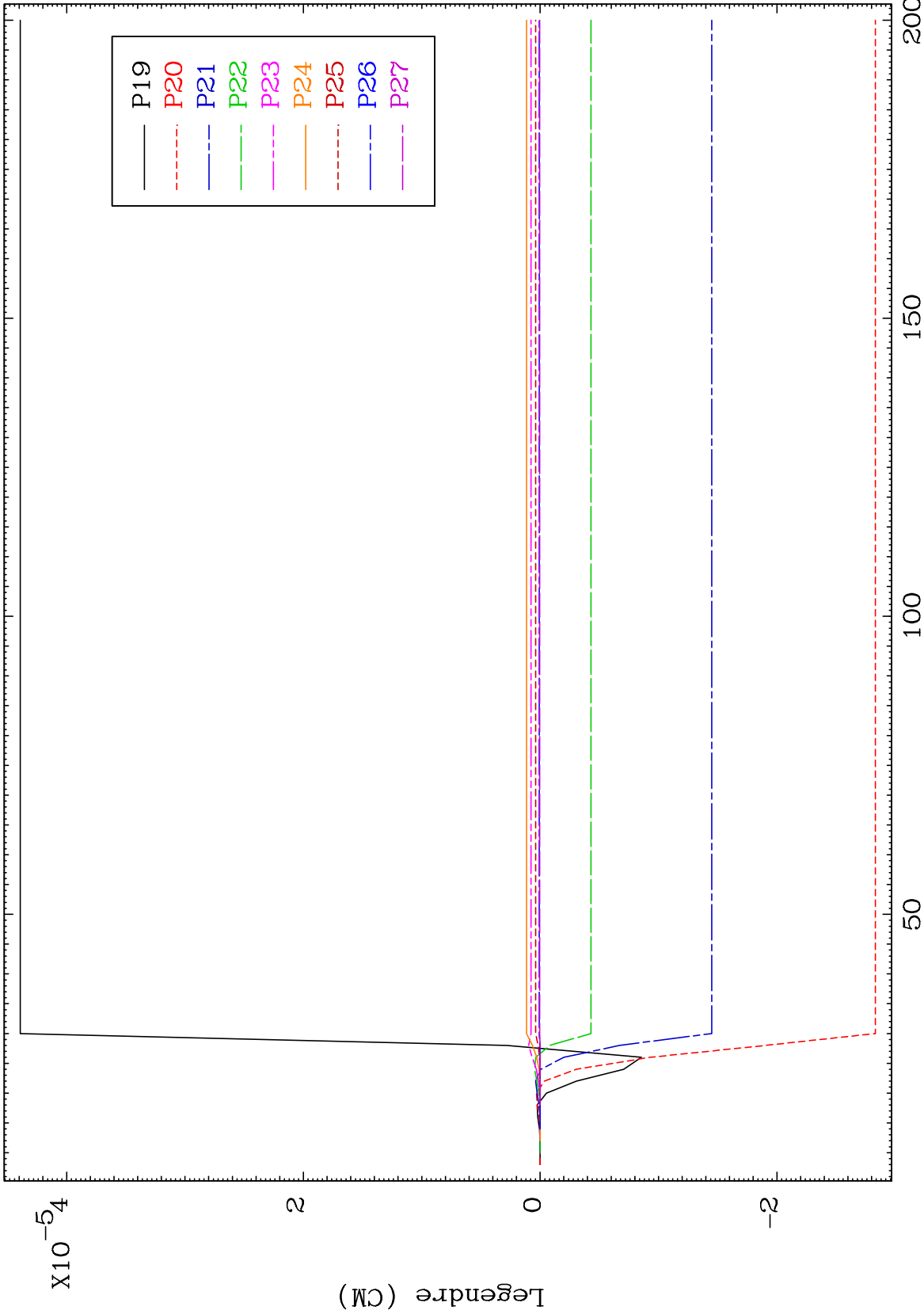
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



90

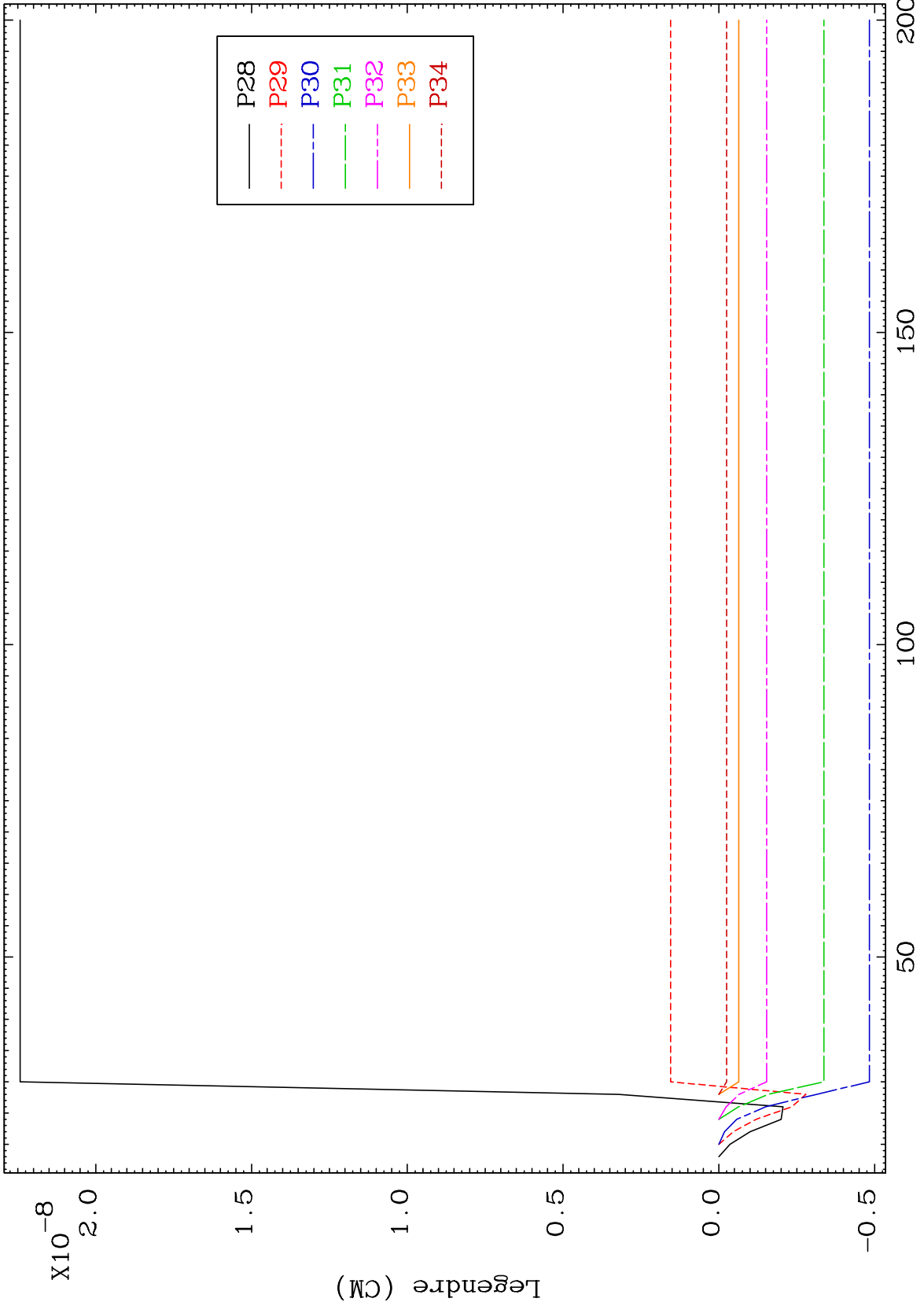
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



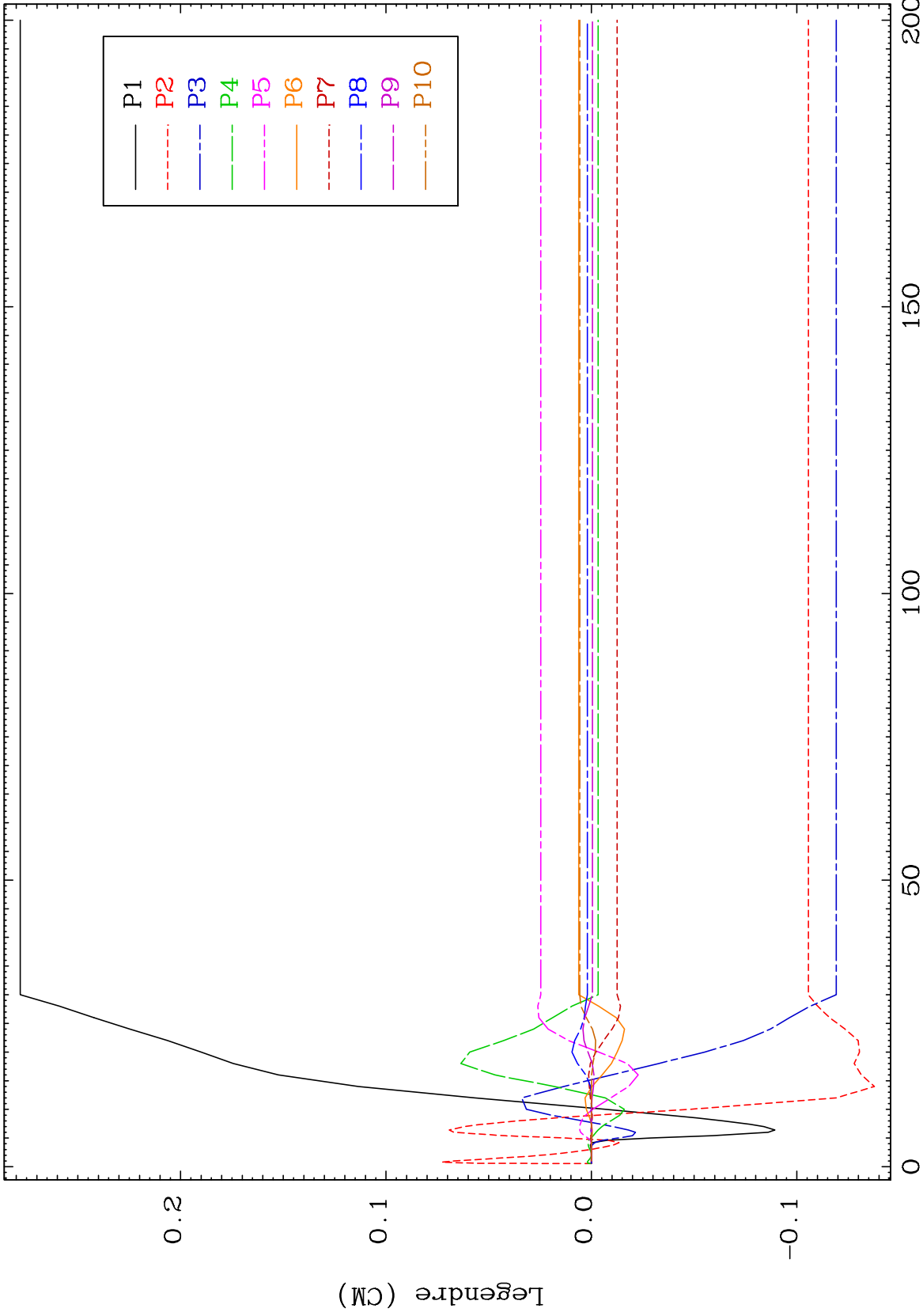
91

71-Lu-166

MAT 7098

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

71-Lu-166



92

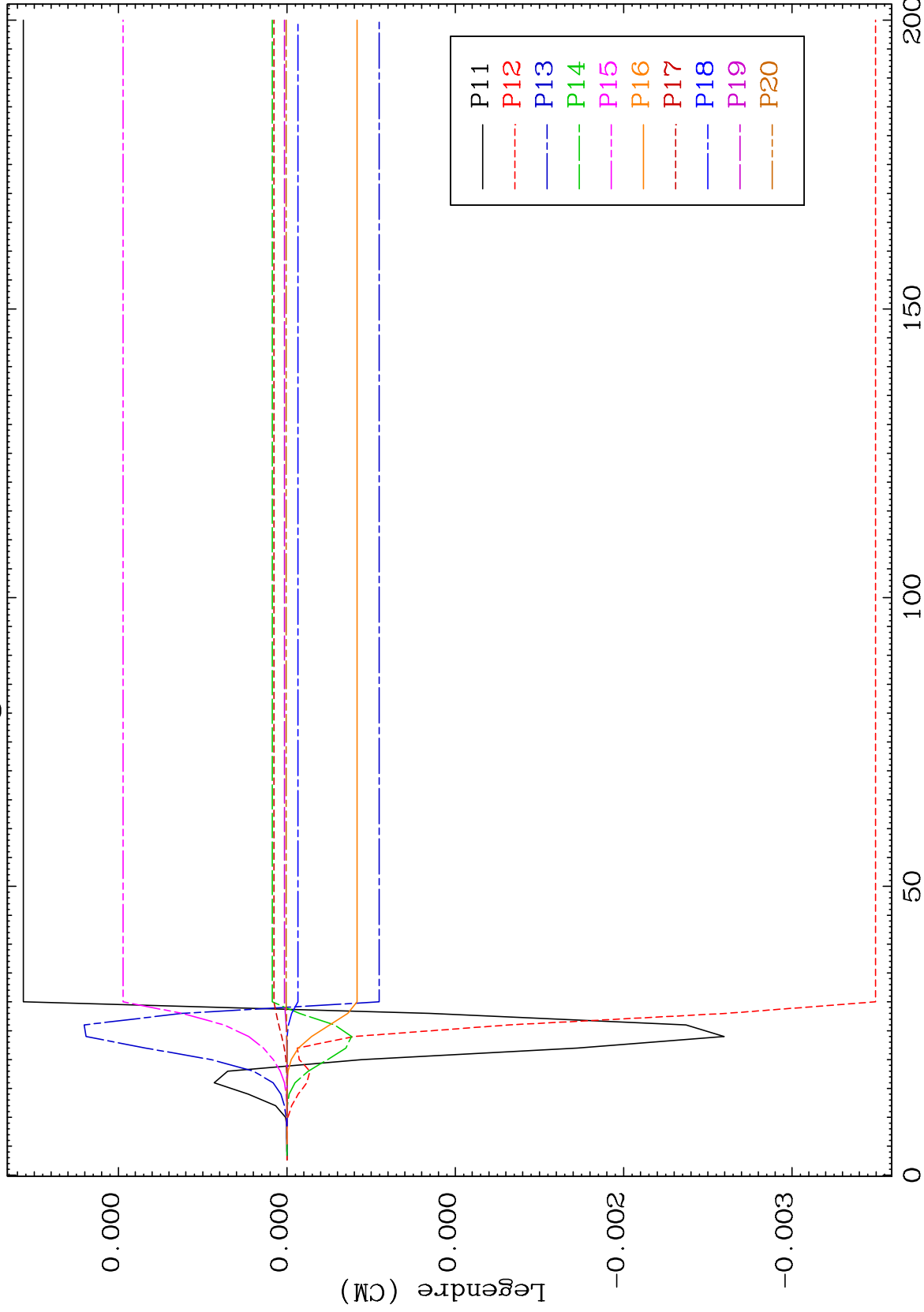
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



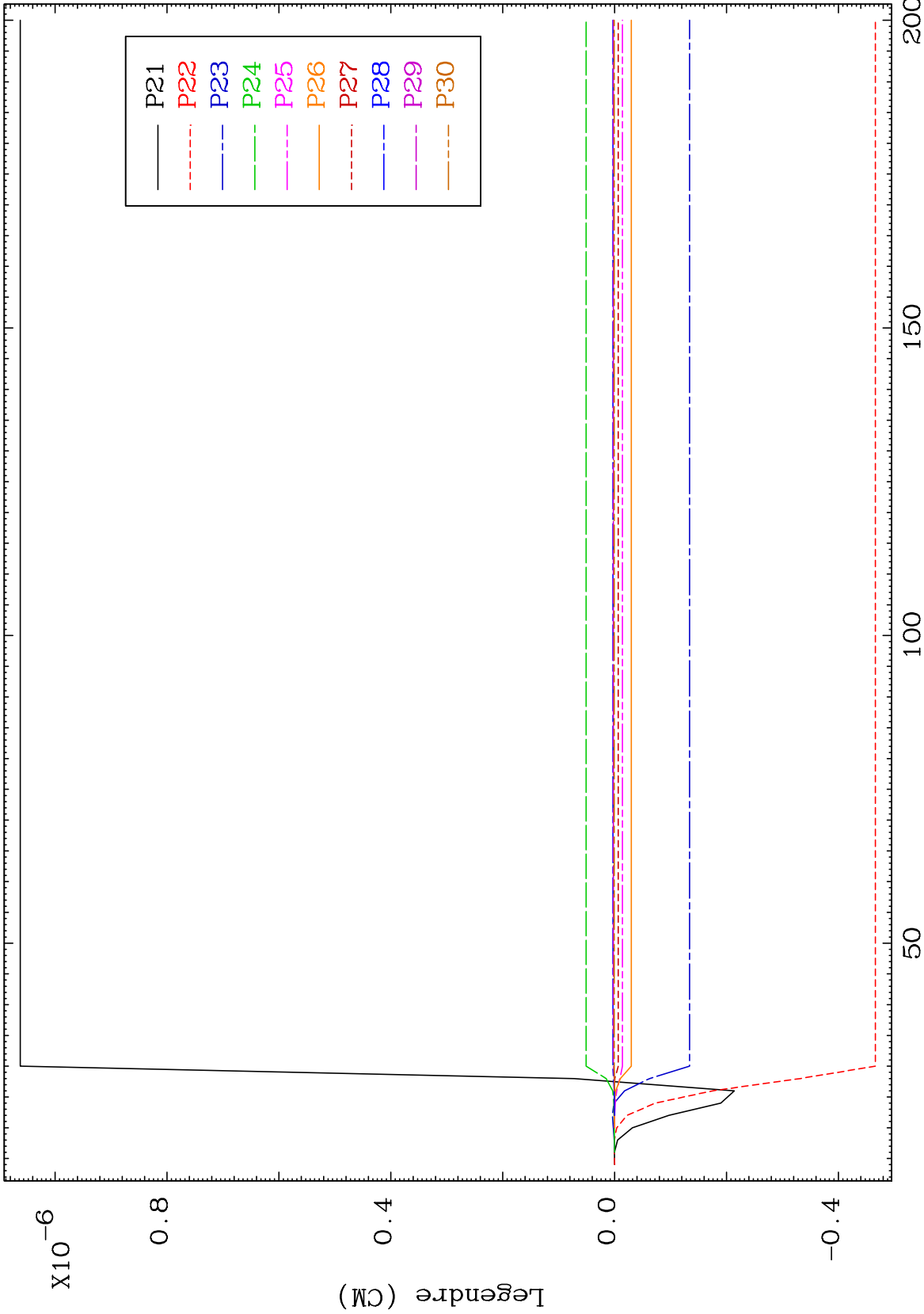
93

71-Lu-166

MAT 7098

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

71-Lu-166



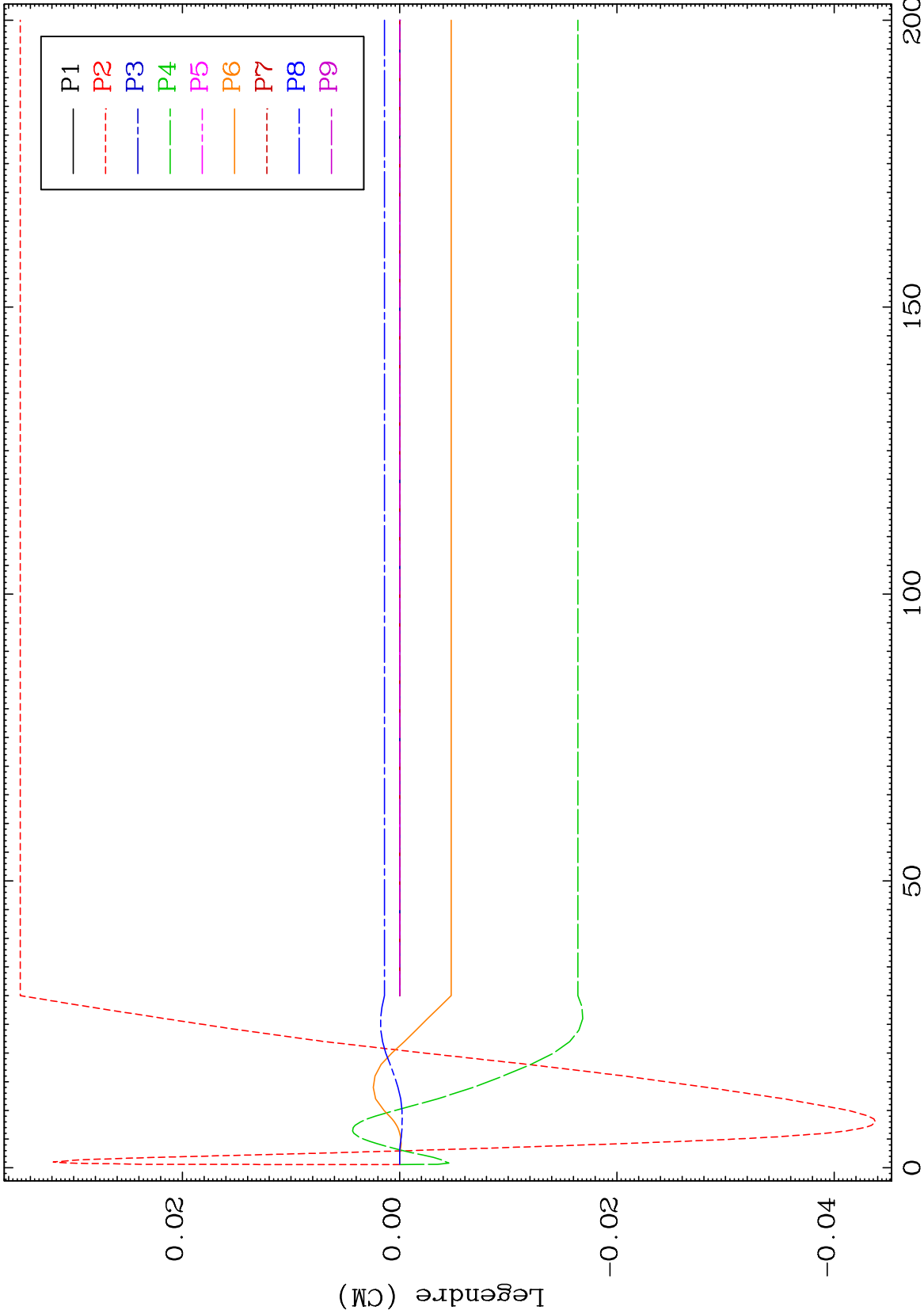
94

71-Lu-166

MAT 7098

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

71-Lu-166



95

Incident Energy (MeV)

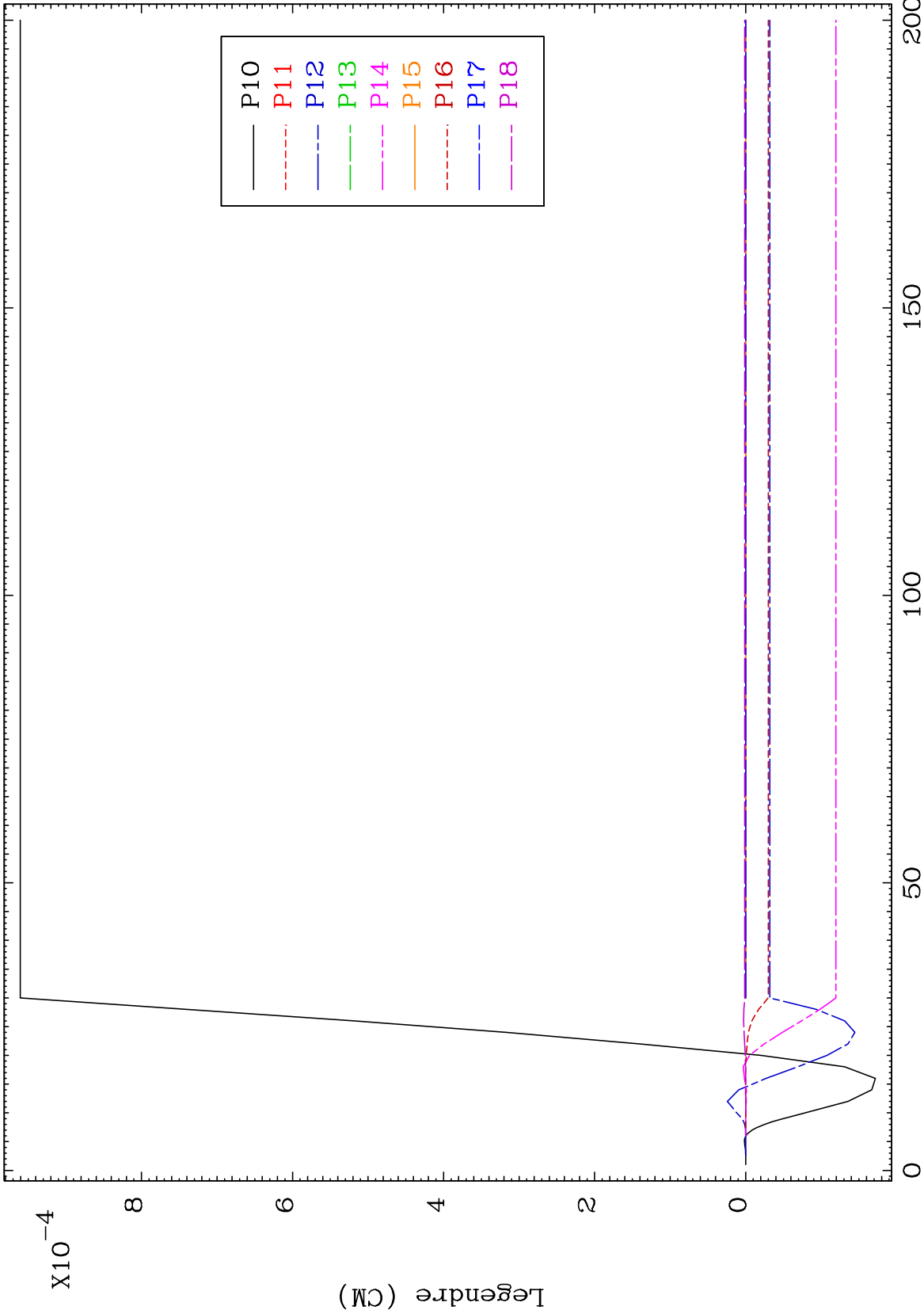
71-Lu-166



MAT 7098

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

71-Lu-166



96

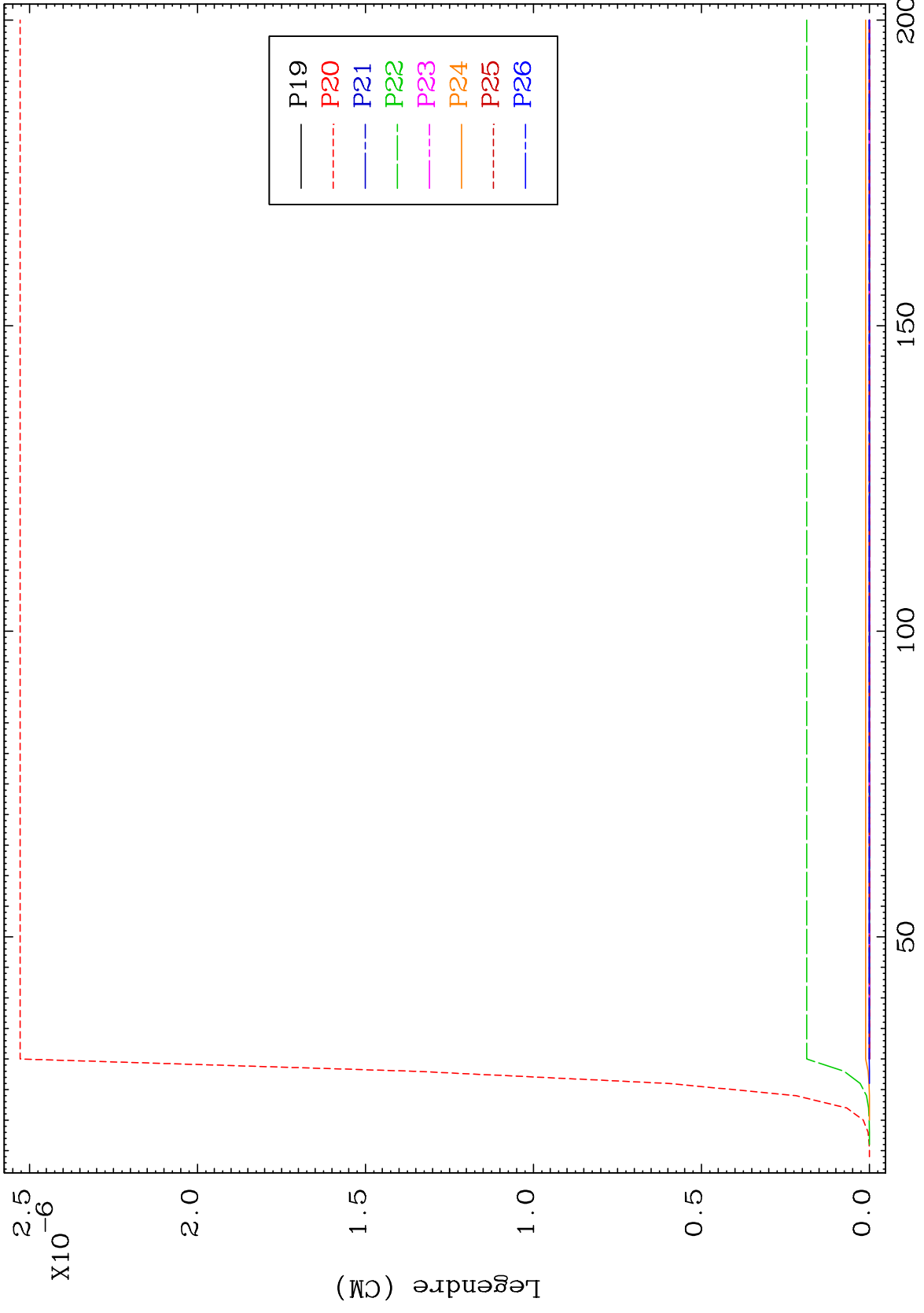
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



97

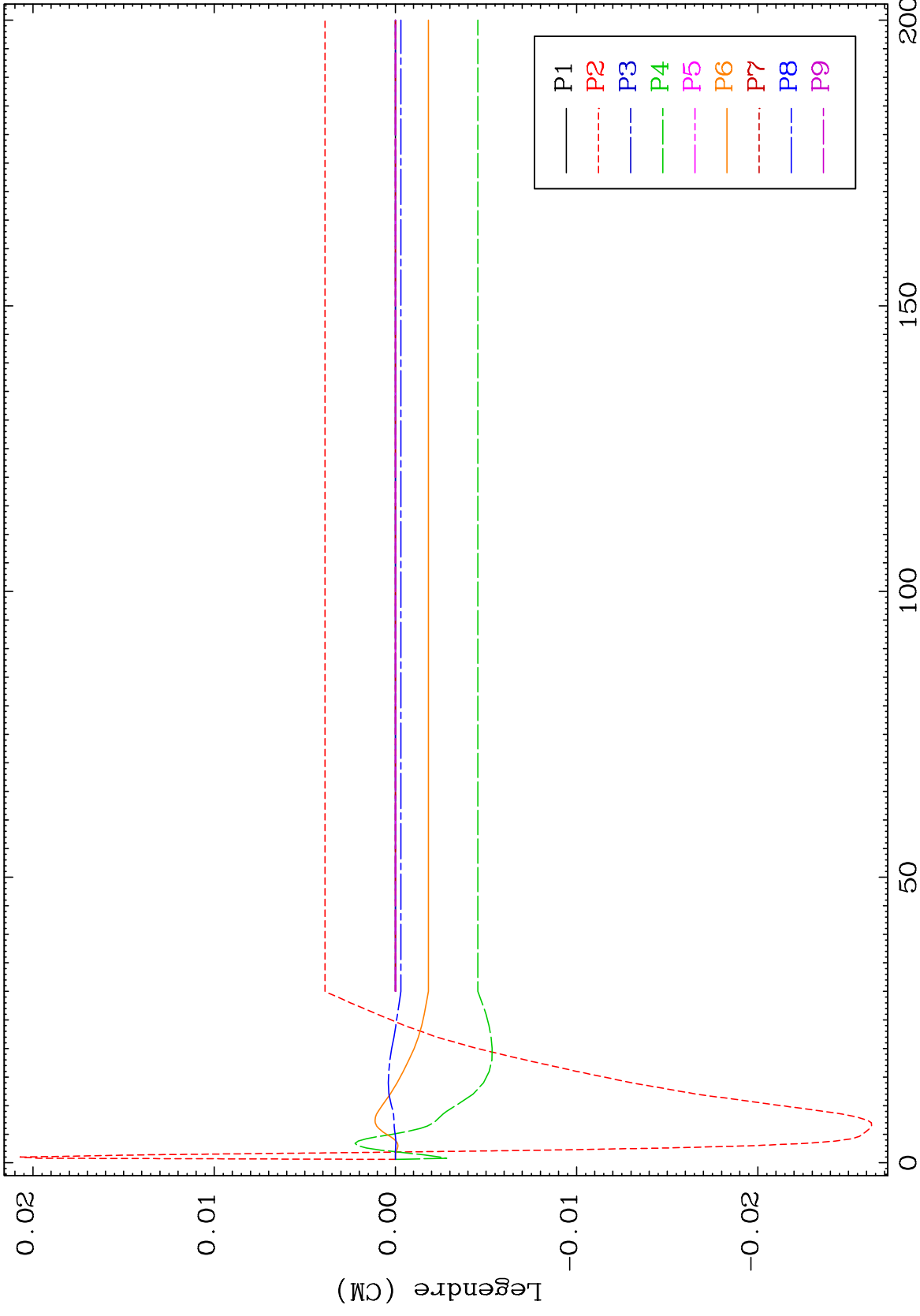
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



98

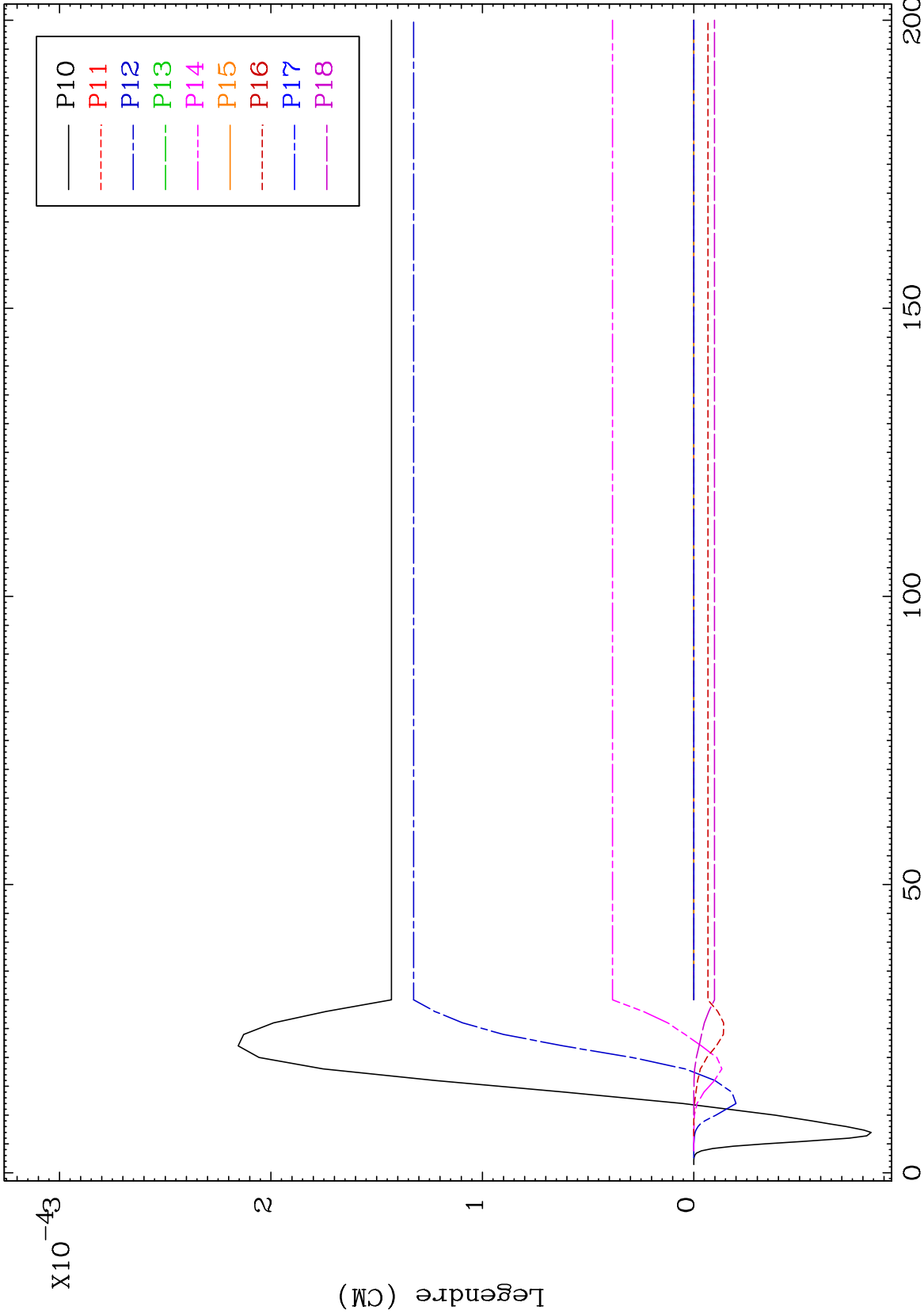
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



99

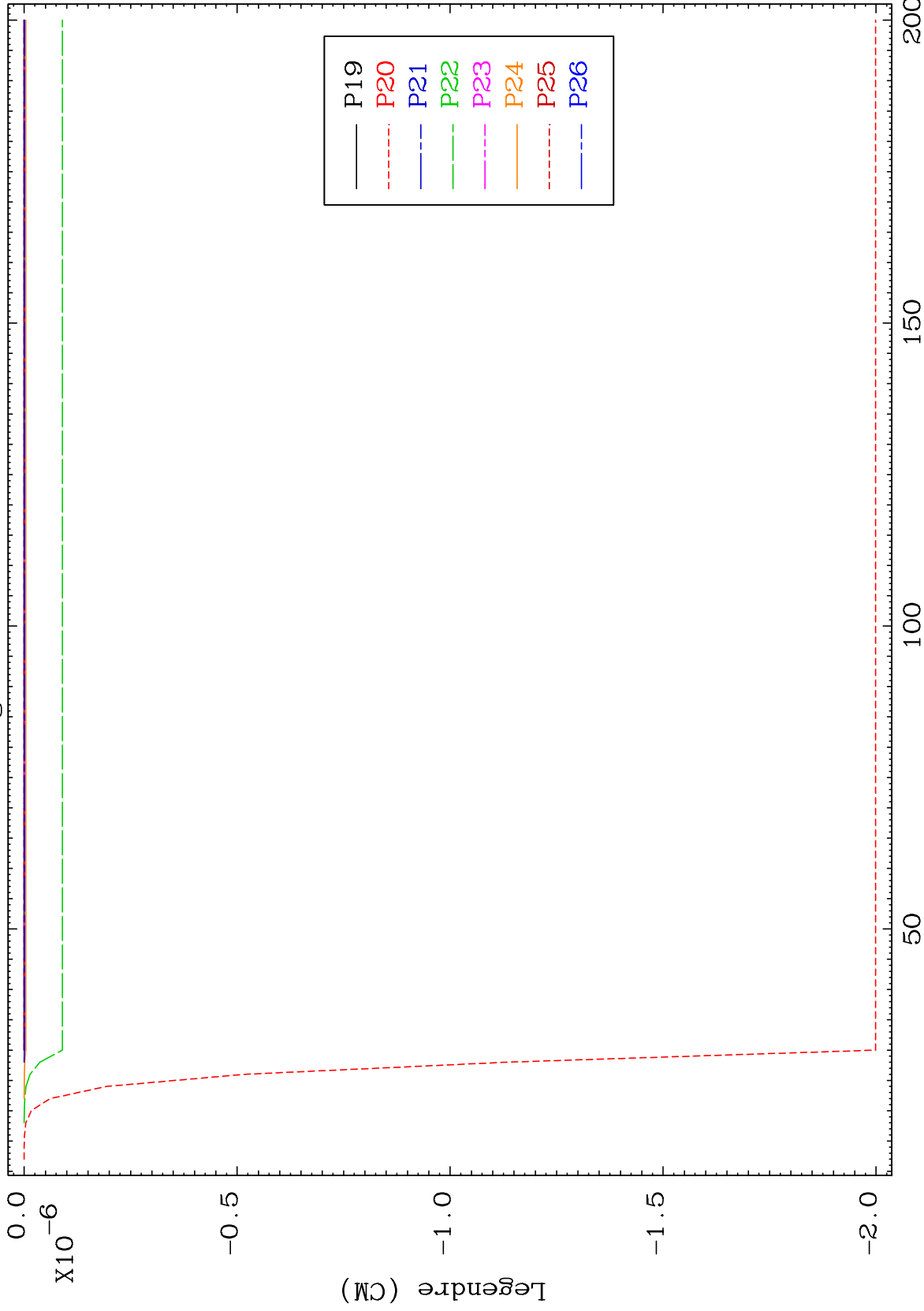
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



71-Lu-166

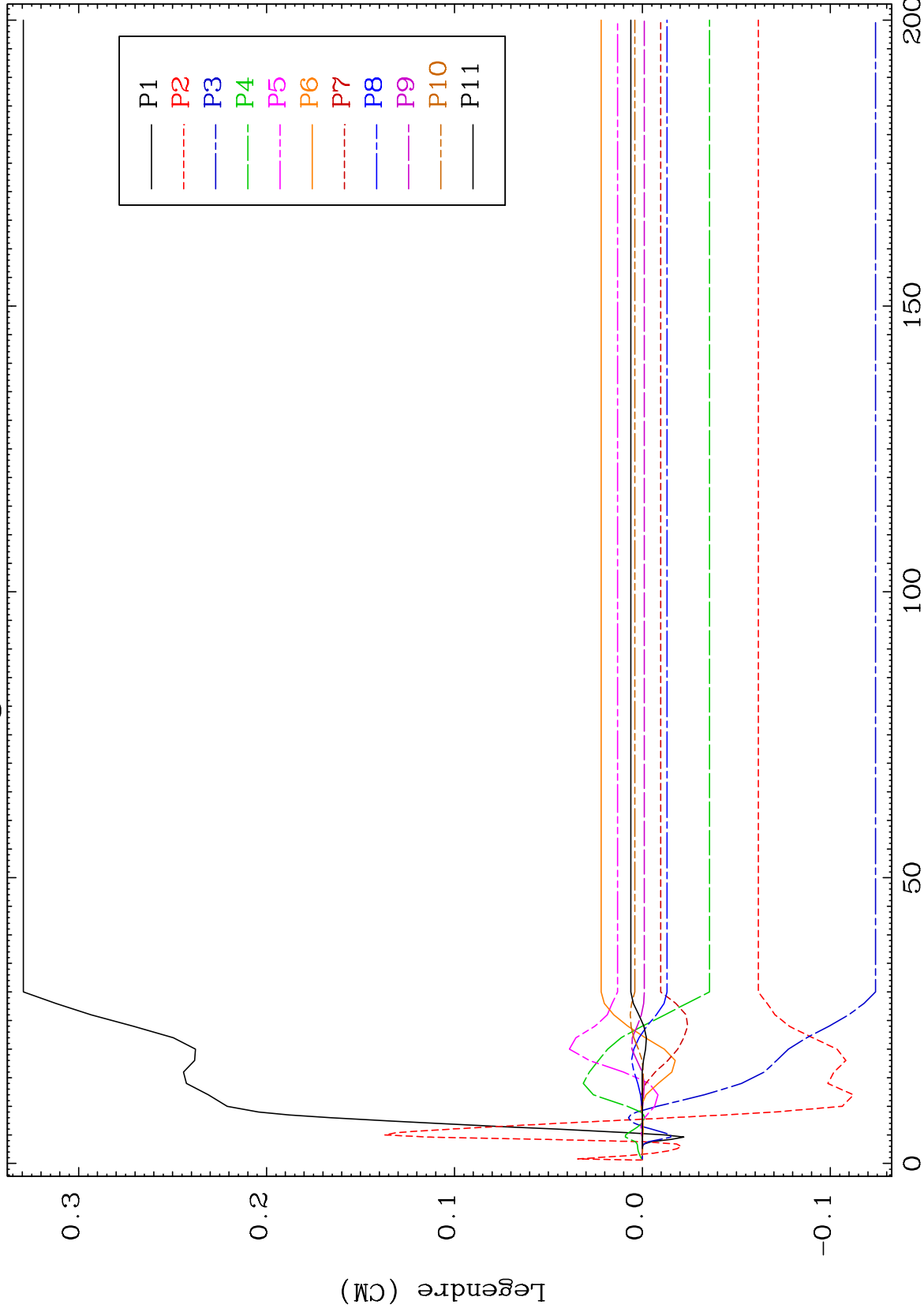
Incident Energy (MeV)

100

MAT 7098

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

71-Lu-166



101

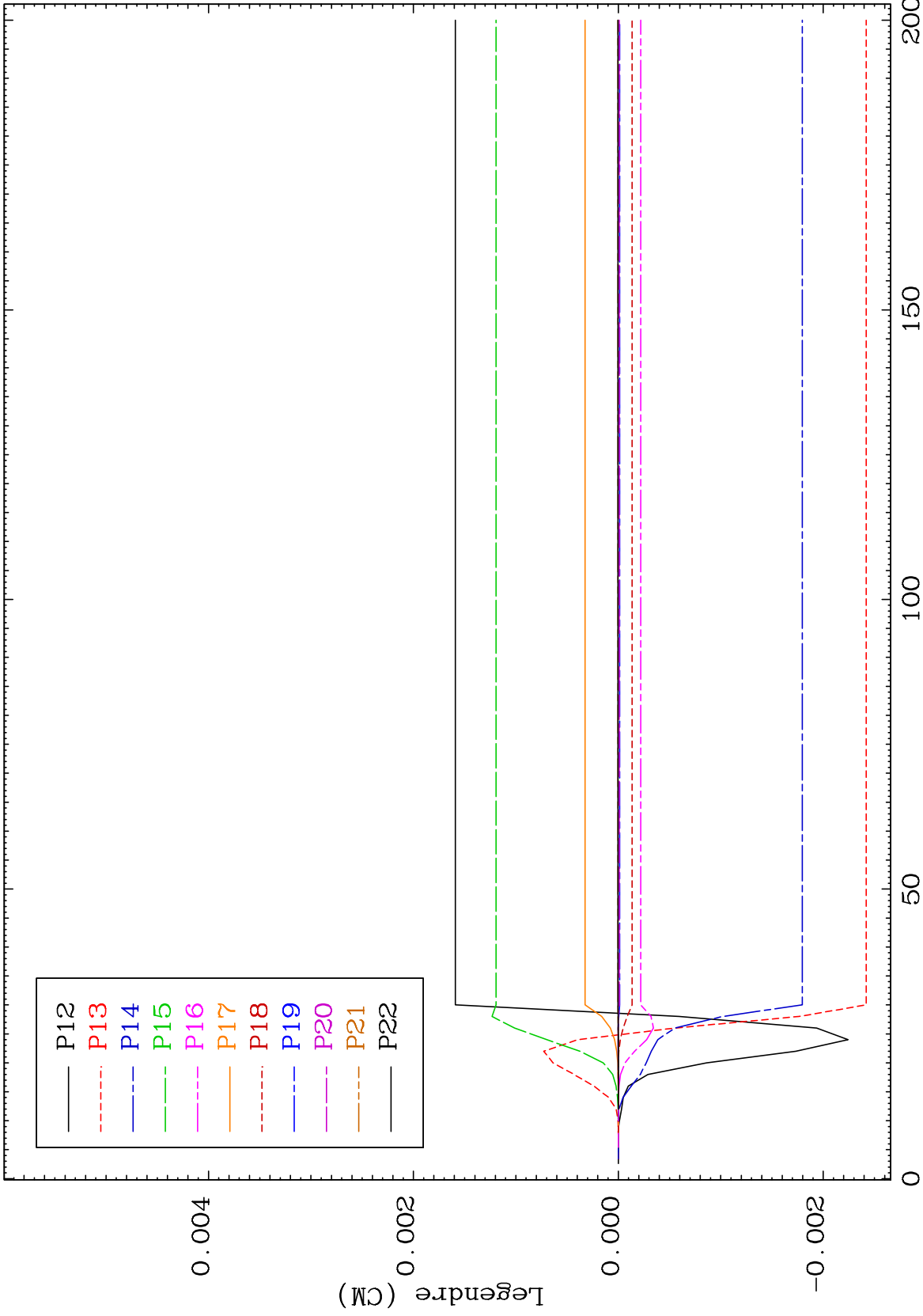
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



102

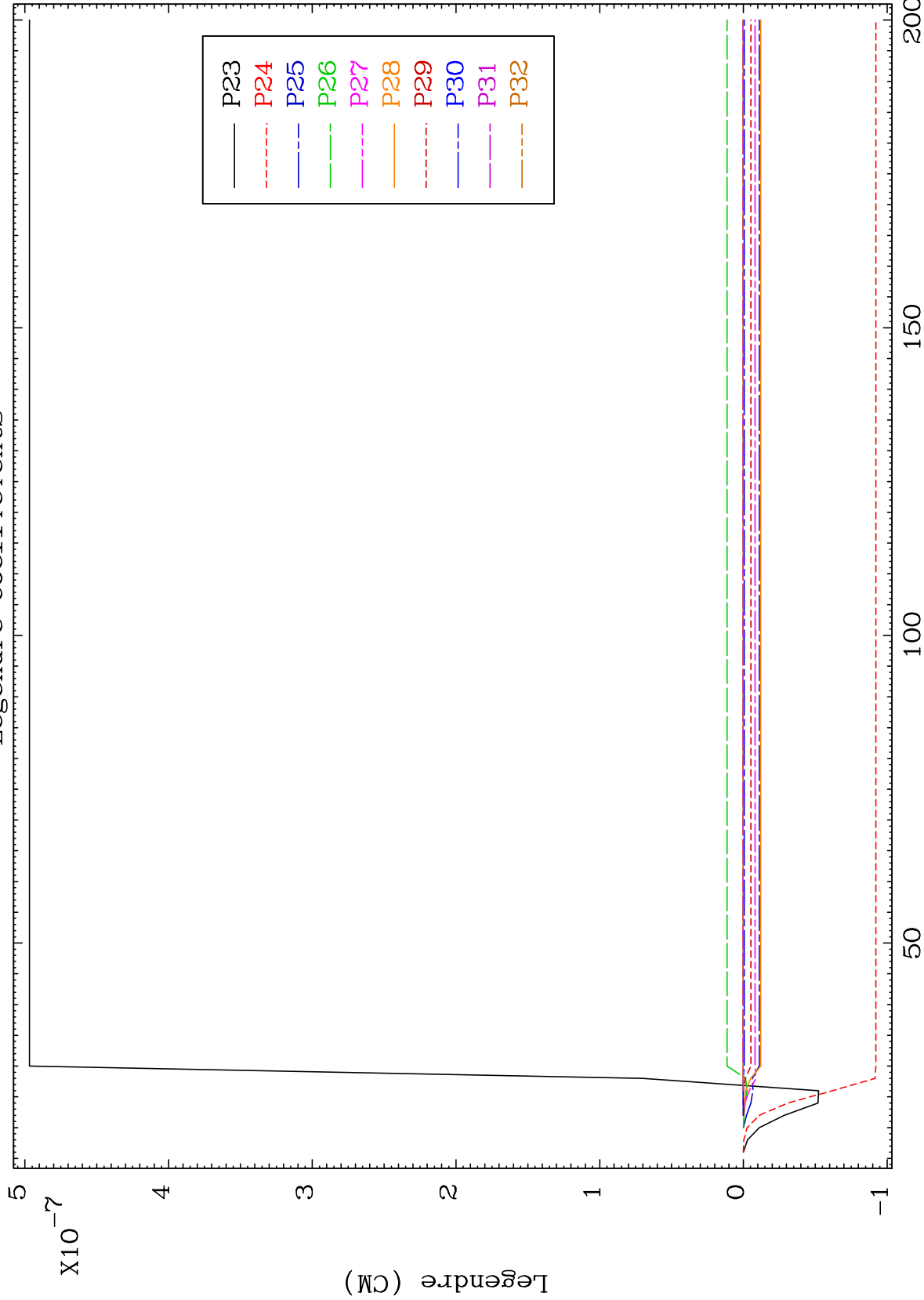
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



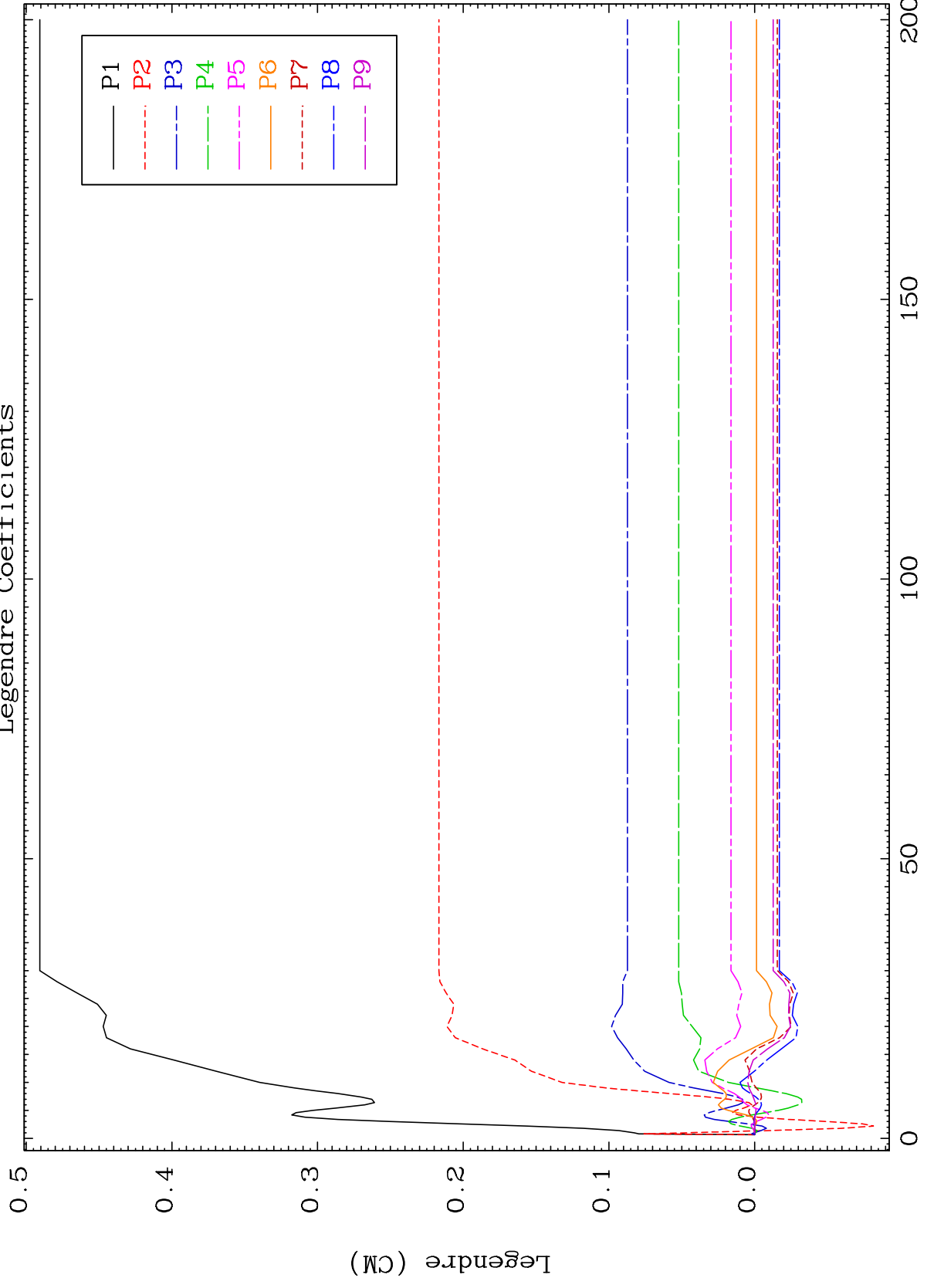
103

Incident Energy (MeV)

71-Lu-166



MAT 7098 MT= 76 (n,n') Level Legendre Coefficients 71-Lu-166

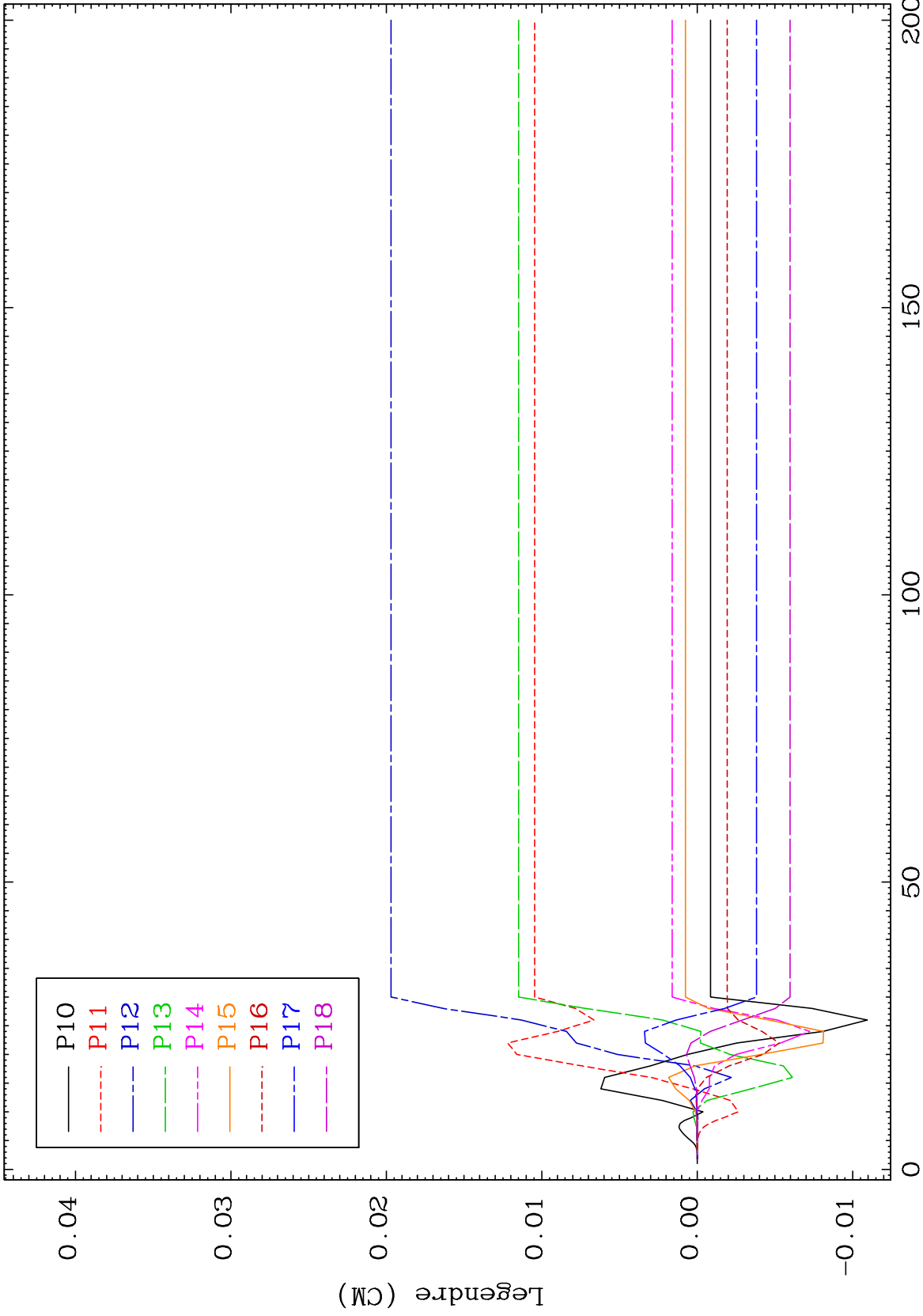


104 71-Lu-166

MAT 7098

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

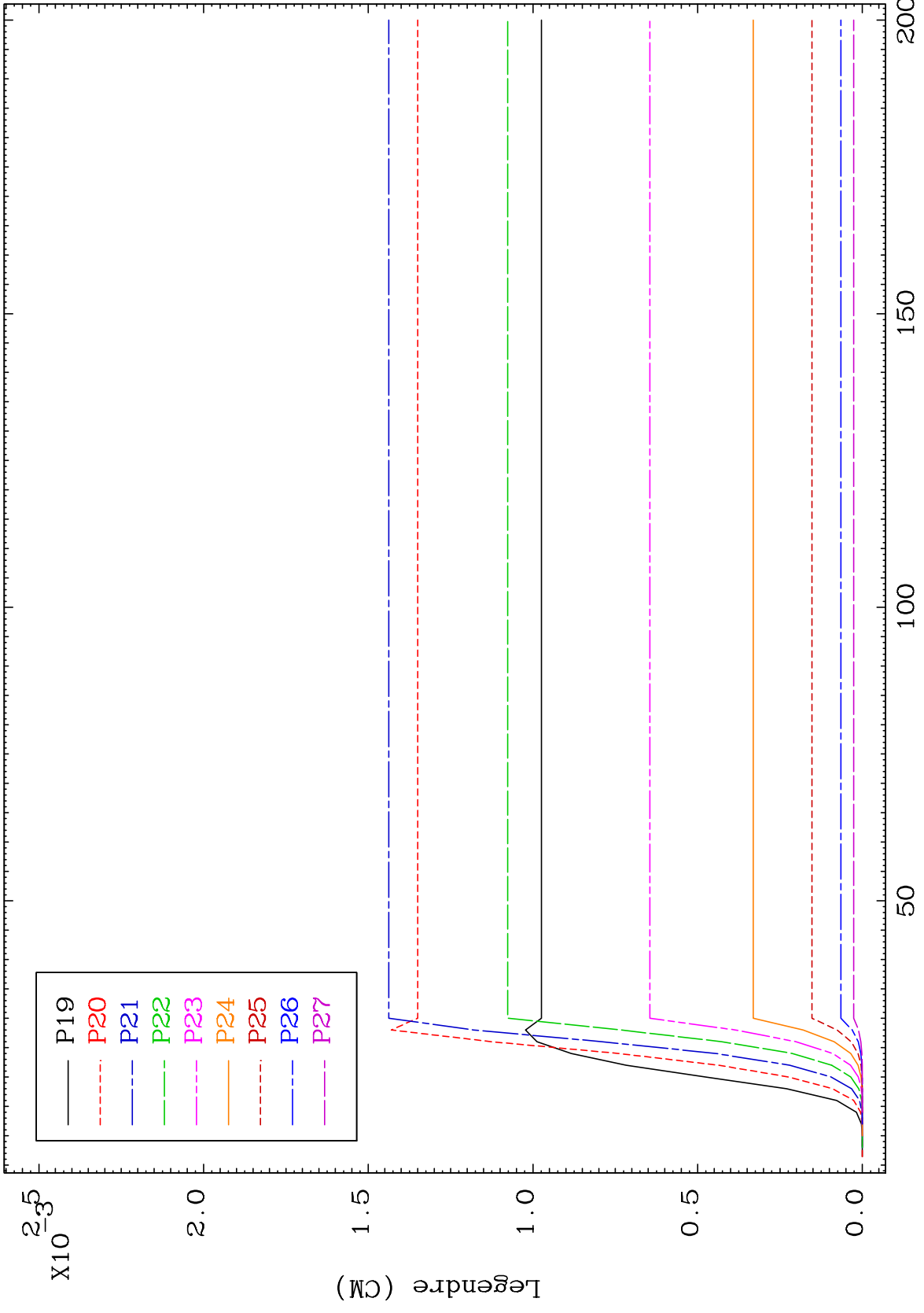
71-Lu-166



105

Incident Energy (MeV)

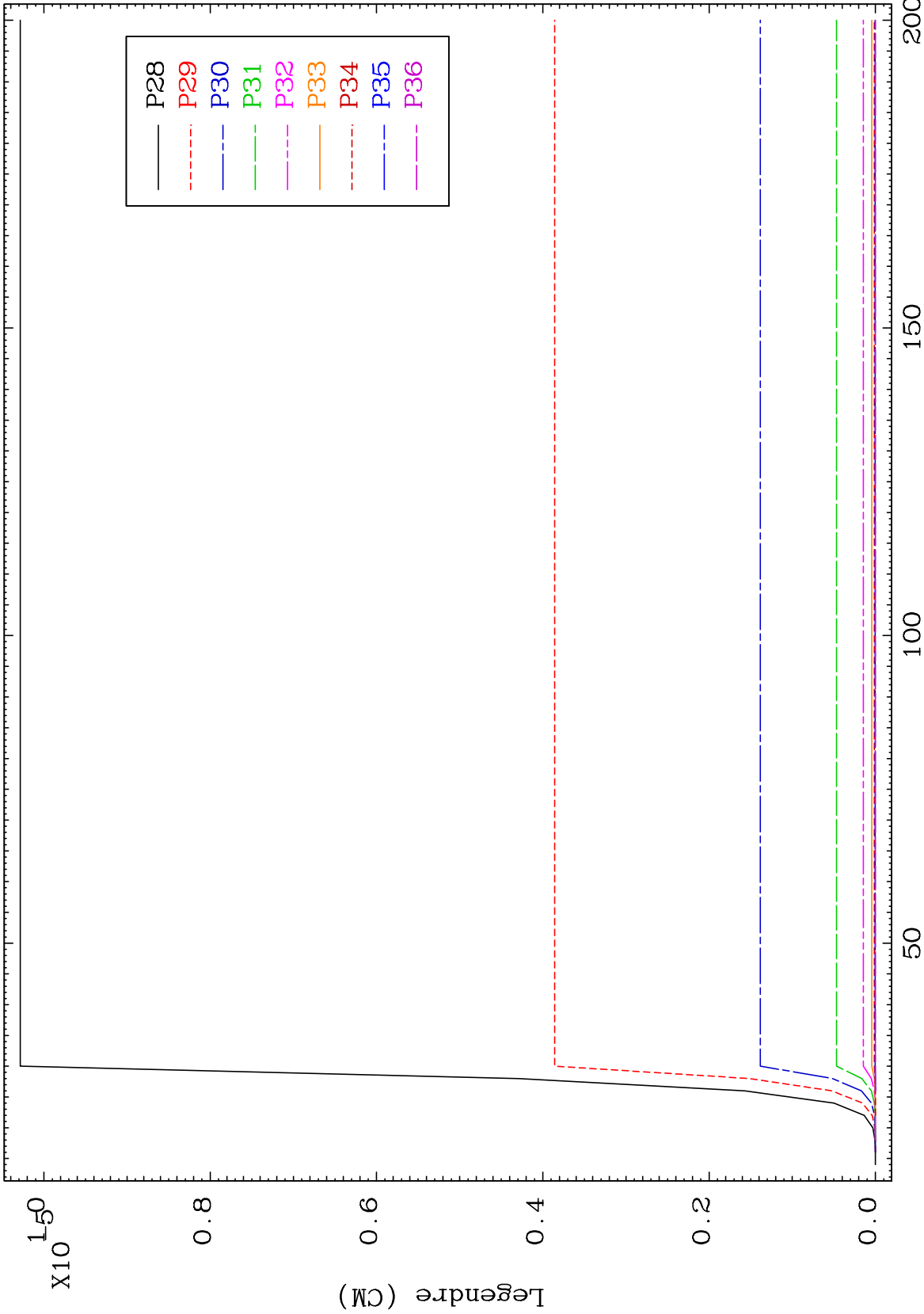
71-Lu-166



MAT 7098

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

71-Lu-166



107

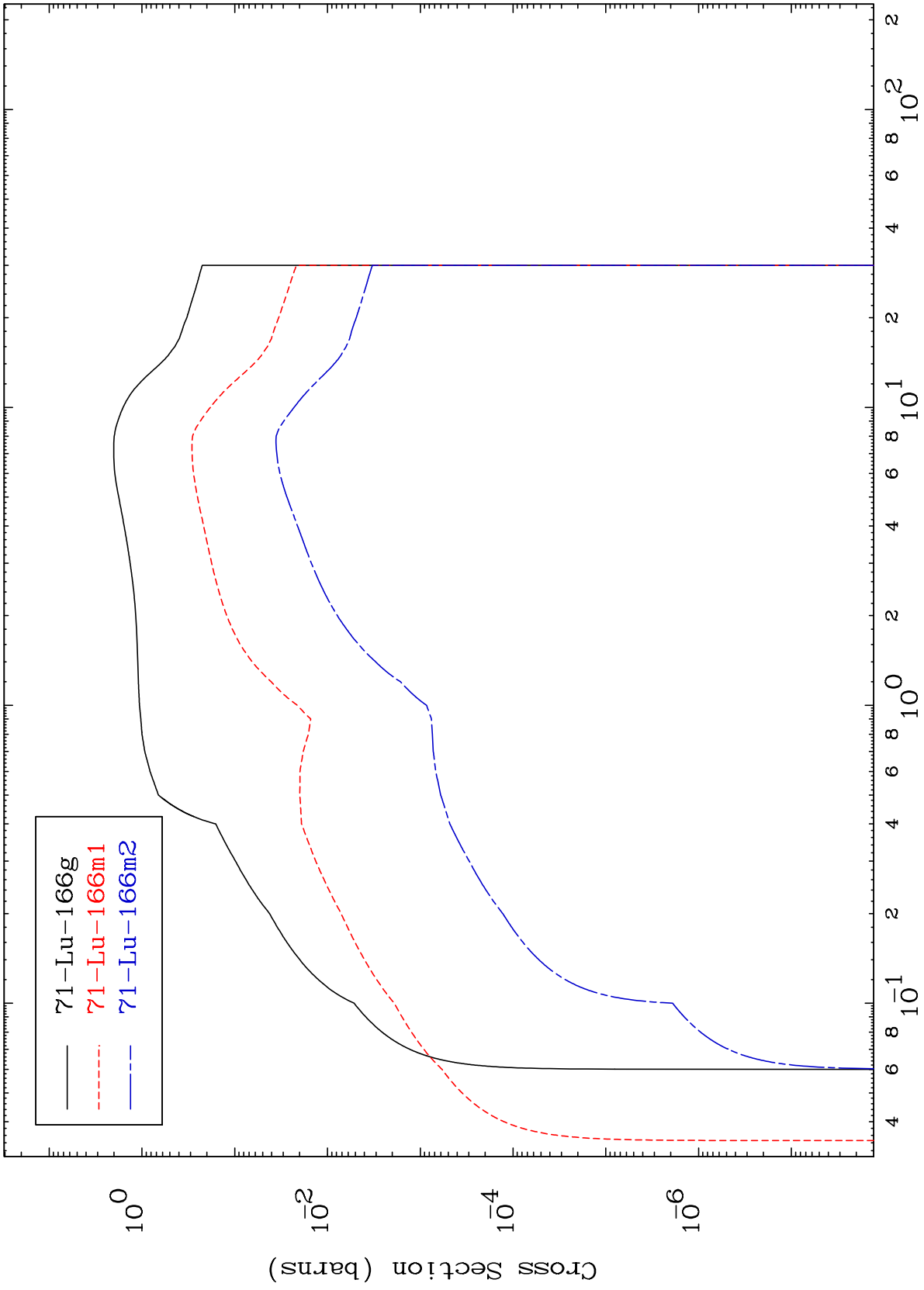
Incident Energy (MeV)

71-Lu-166

MAT 7098

# Radionuclide Production Cross Section

71-Lu-166



71-Lu-166g  
71-Lu-166m1  
71-Lu-166m2

108

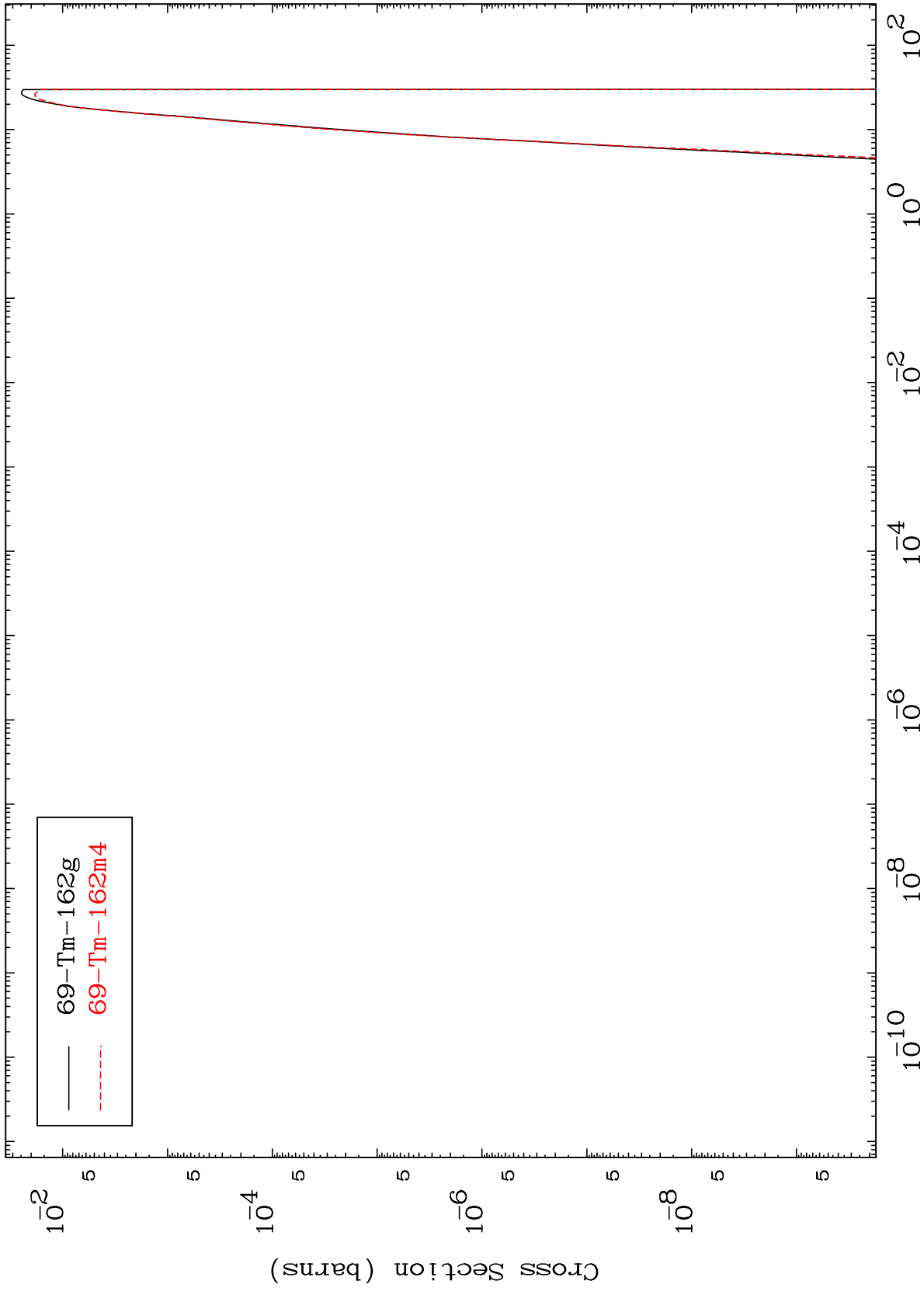
71-Lu-166

MAT 7098

(n,n')  $\alpha$

71-Lu-166

Radionuclide Production Cross Section



109

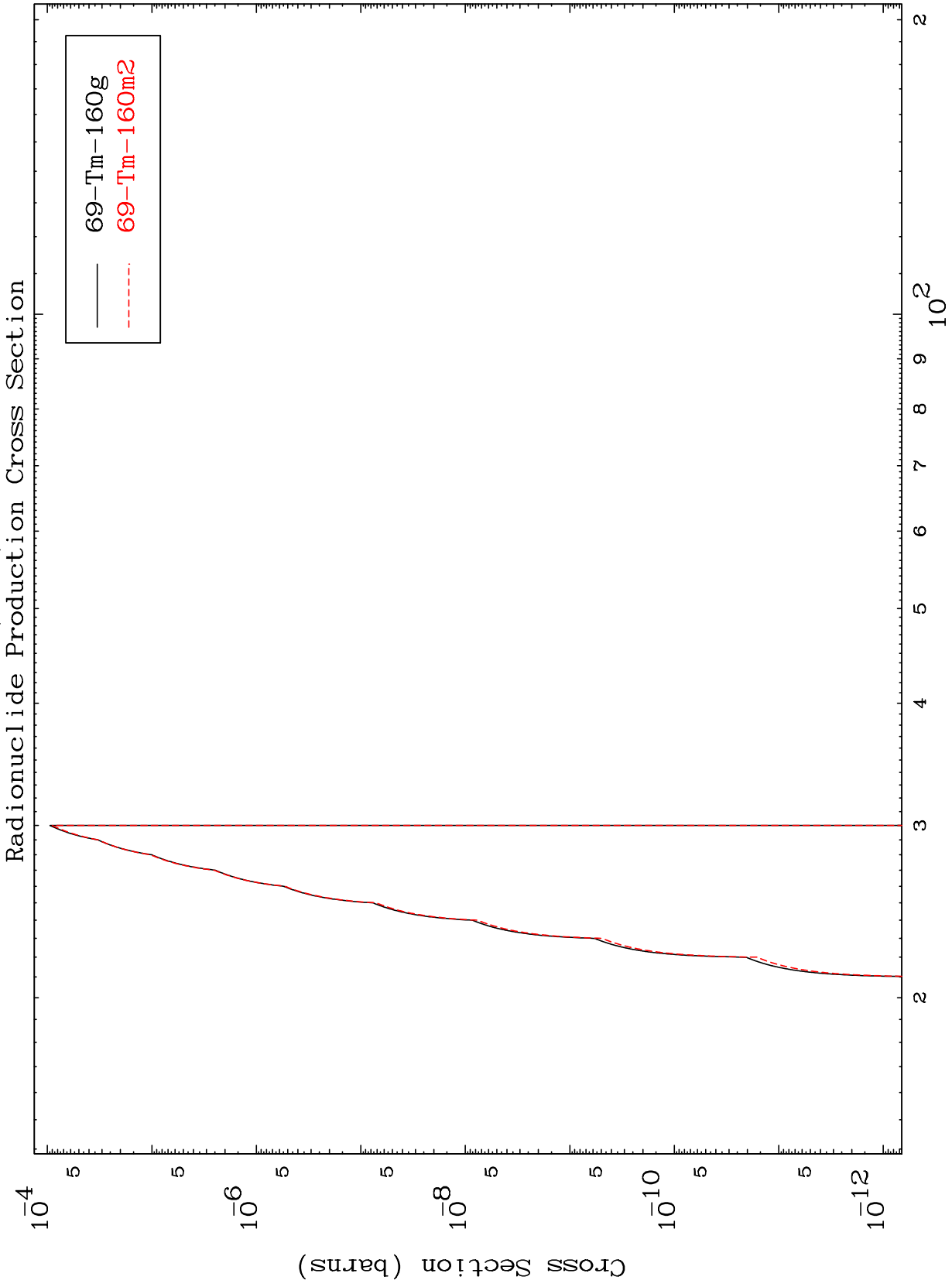
Incident Energy (MeV)

71-Lu-166

MAT 7098

(n,3n)  $\alpha$

71-Lu-166



110

Incident Energy (MeV)

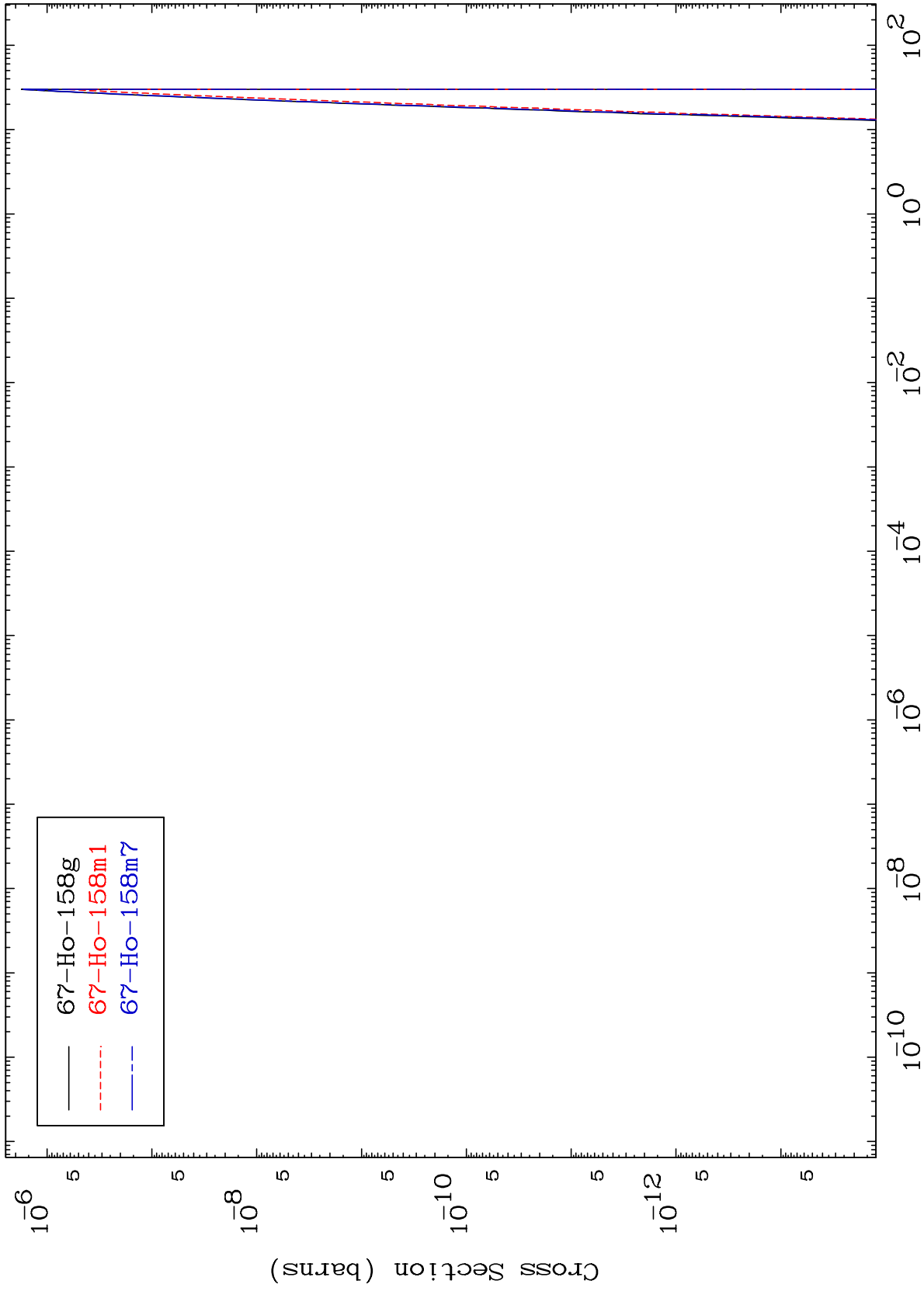
71-Lu-166

MAT 7098

(n,n') 2 $\alpha$

<sup>71</sup>Lu-166

Radionuclide Production Cross Section

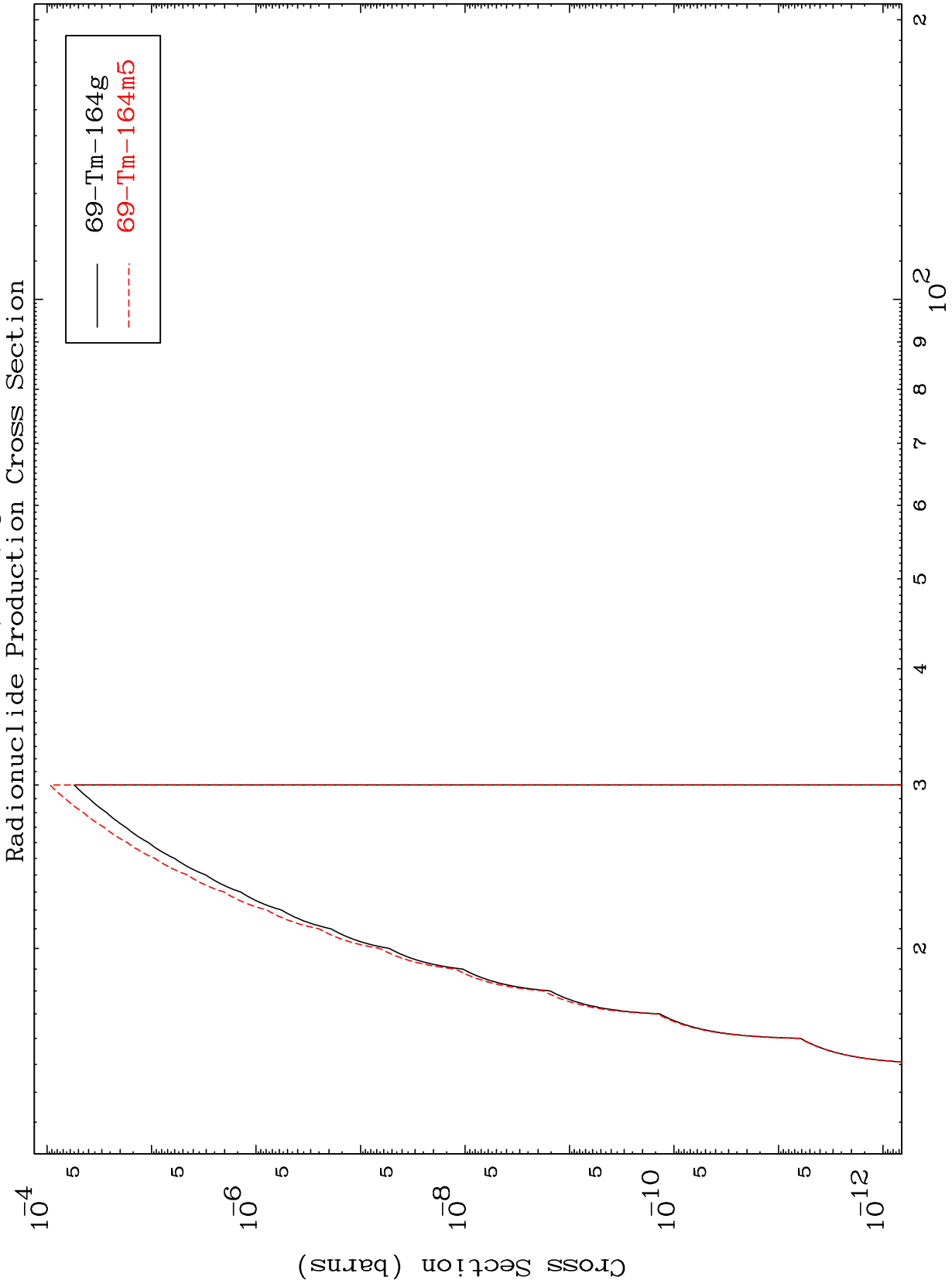


111

Incident Energy (MeV)

<sup>71</sup>Lu-166

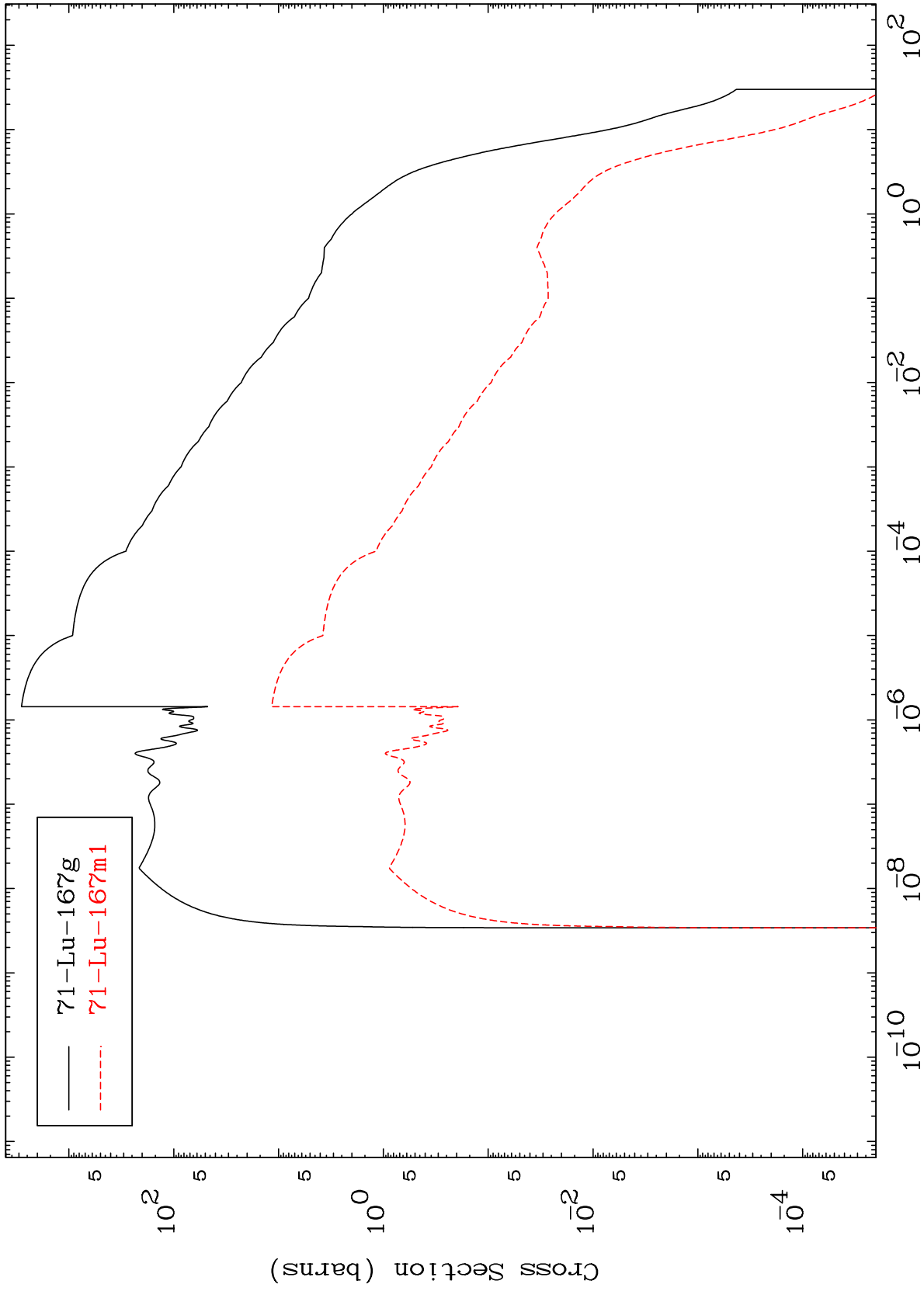




MAT 7098

<sup>71</sup>Lu-166

Radionuclide Production Cross Section (n,γ)



113

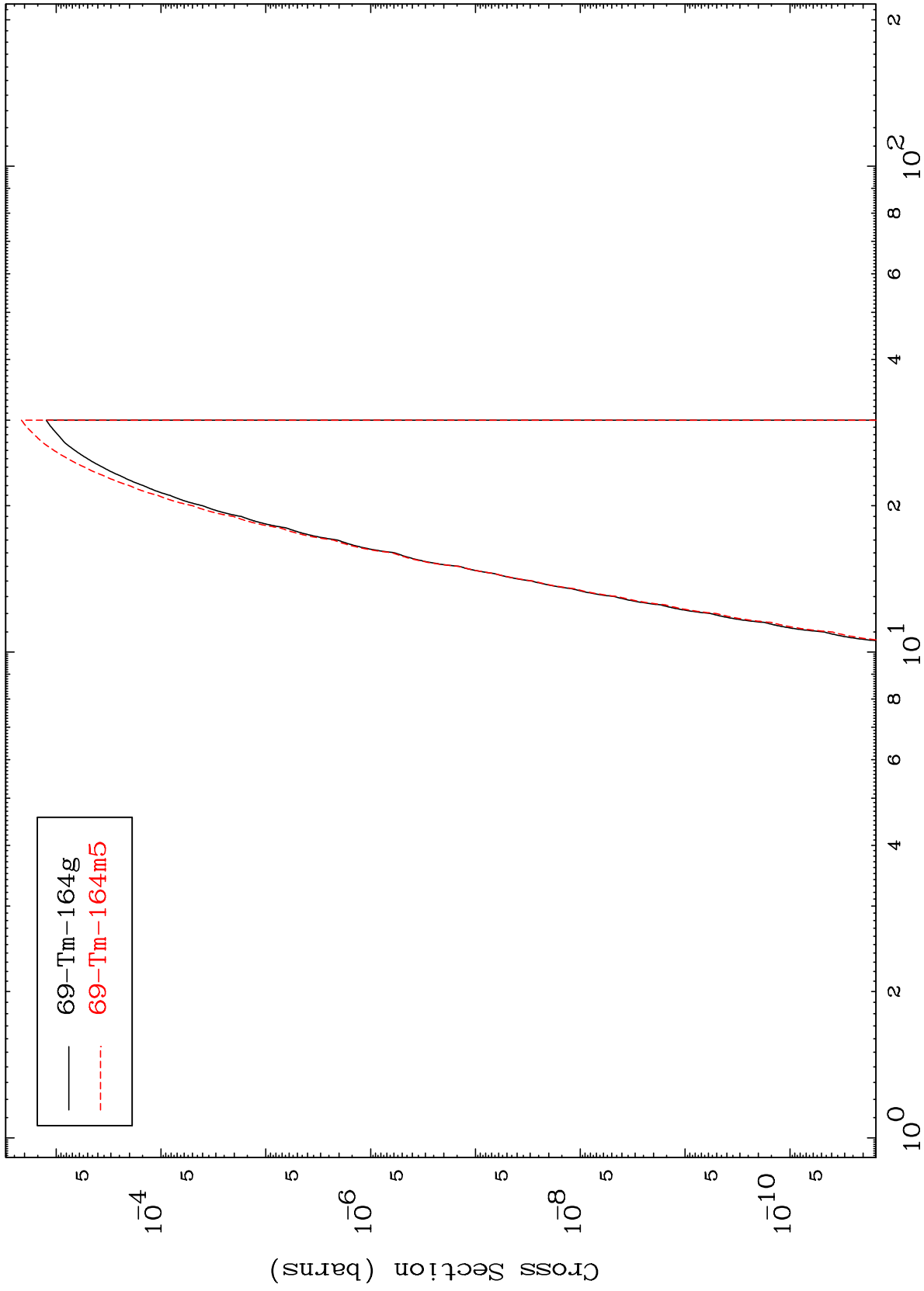
<sup>71</sup>Lu-166

MAT 7098

(n, He-3)

71-Lu-166

Radionuclide Production Cross Section



69-Tm-164g  
69-Tm-164m5

114

Incident Energy (MeV)

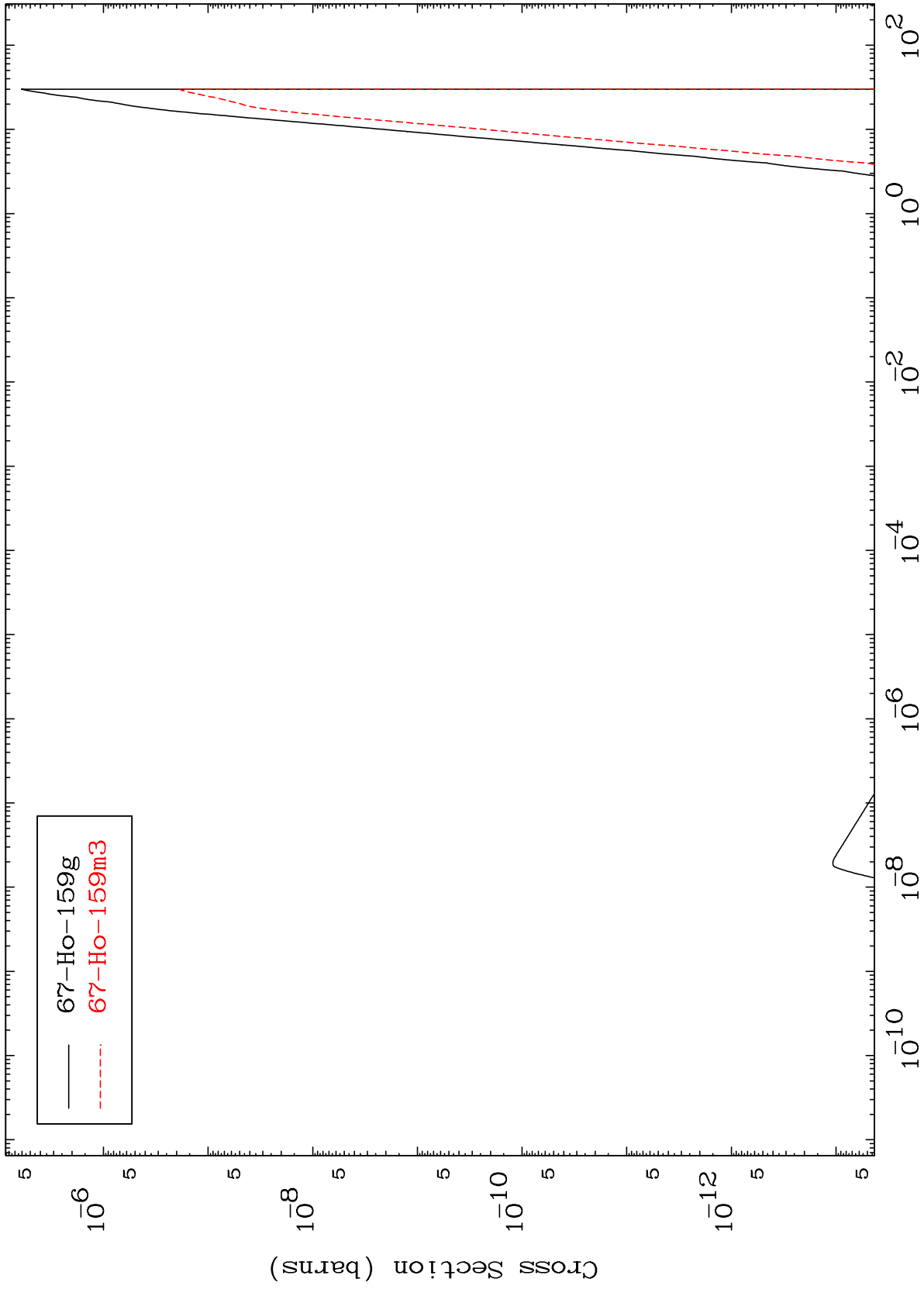
71-Lu-166

MAT 7098

(n,2α)

71-Lu-166

Radionuclide Production Cross Section



115

Incident Energy (MeV)

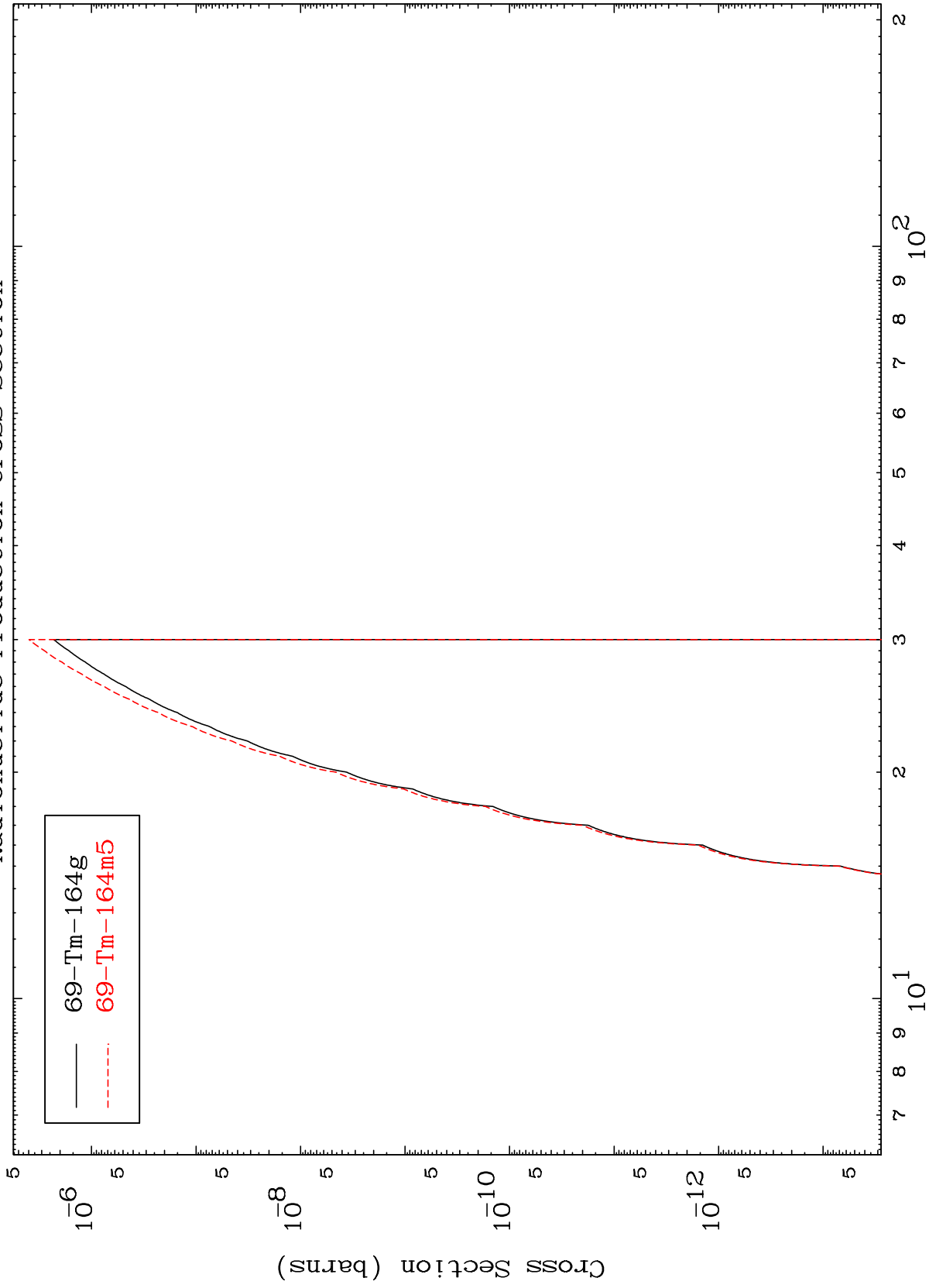
71-Lu-166

MAT 7098

(n,p) d

71-Lu-166

Radionuclide Production Cross Section



116

Incident Energy (MeV)

71-Lu-166