

Program EVALPLOT  
(Version 2018-1)

by

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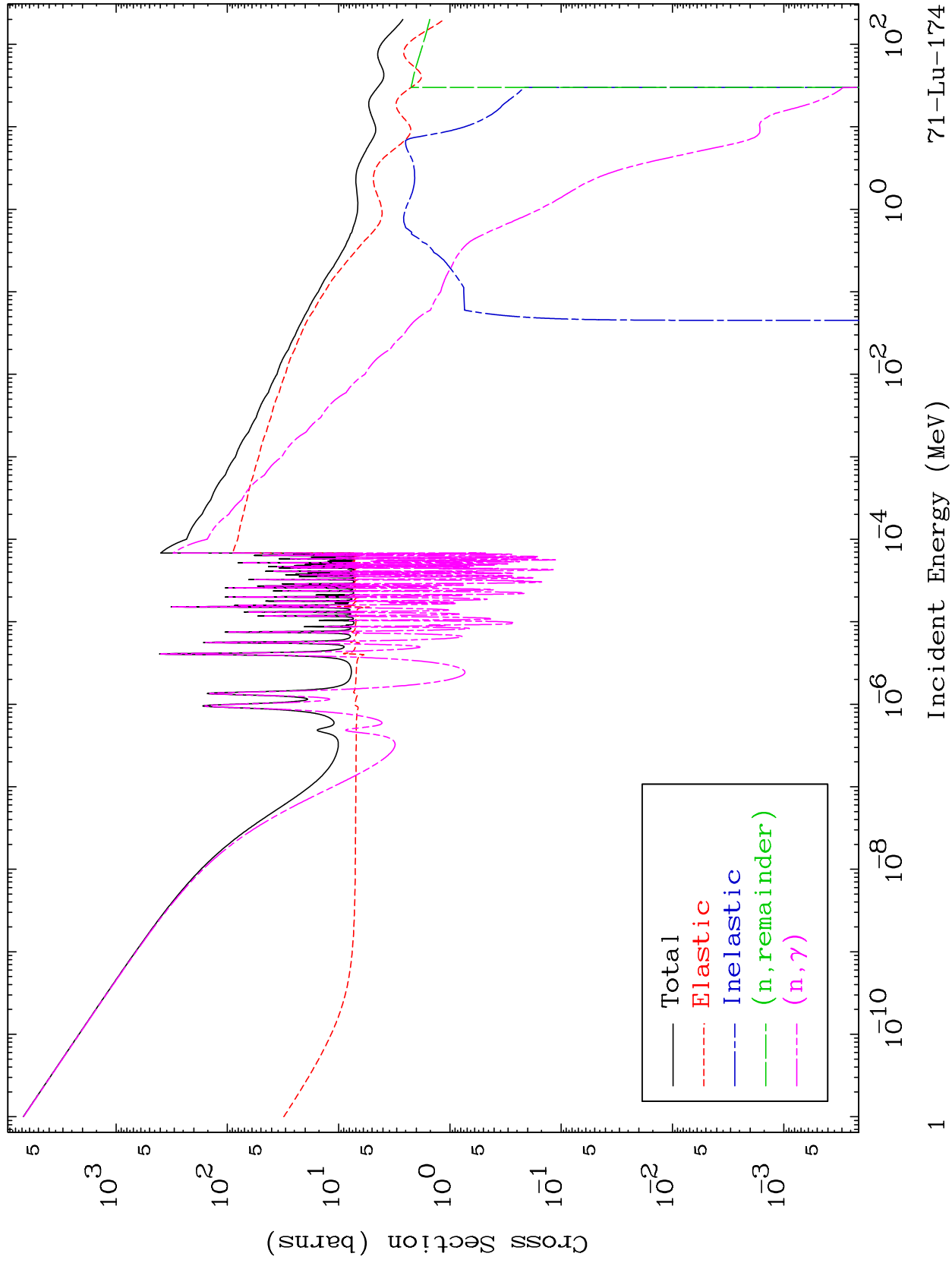
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7122

Major  
293 Kelvin Cross Sections

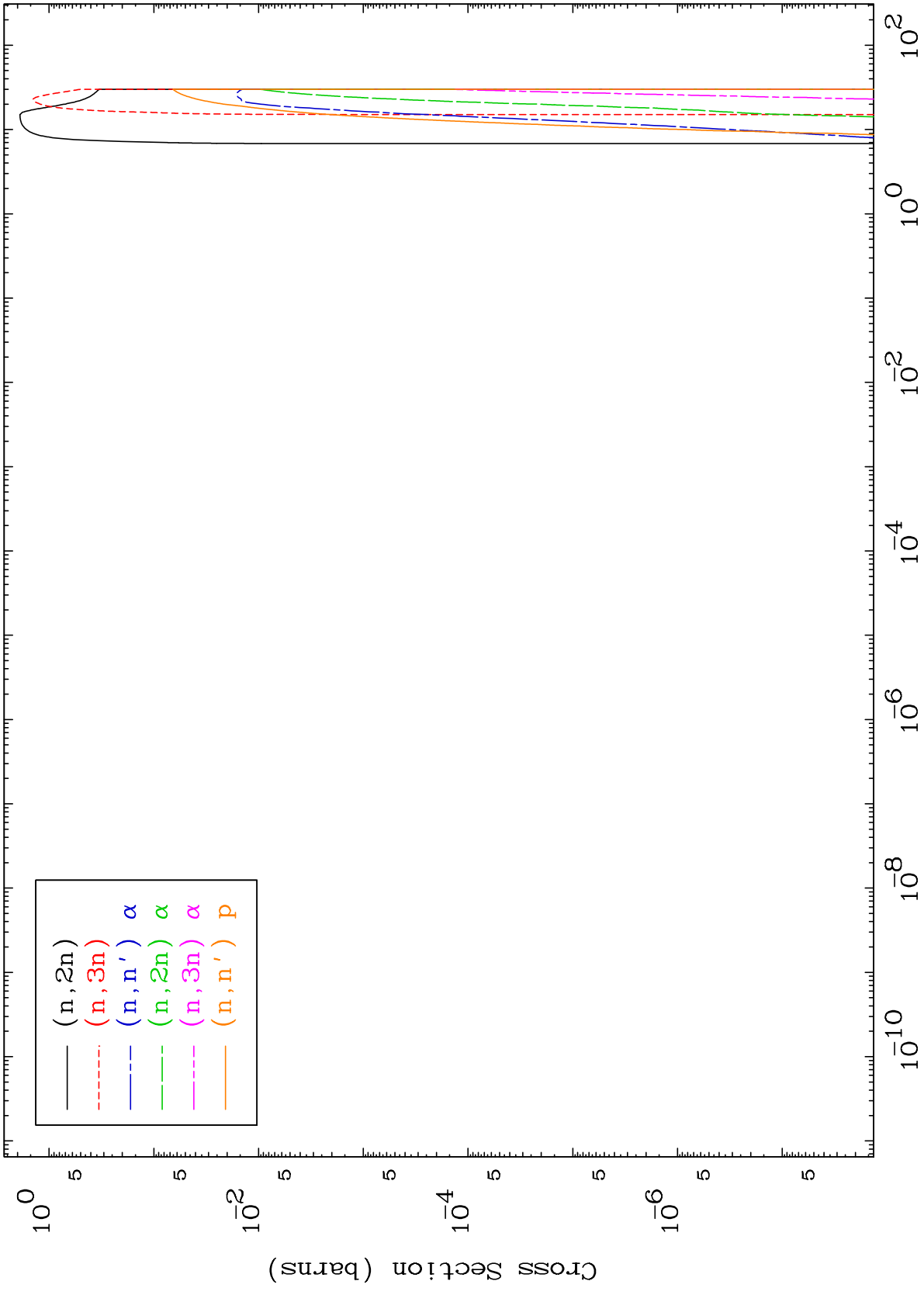
71-Lu-174



MAT 7122

Neutron Production  
293 Kelvin Cross Sections

71-Lu-174

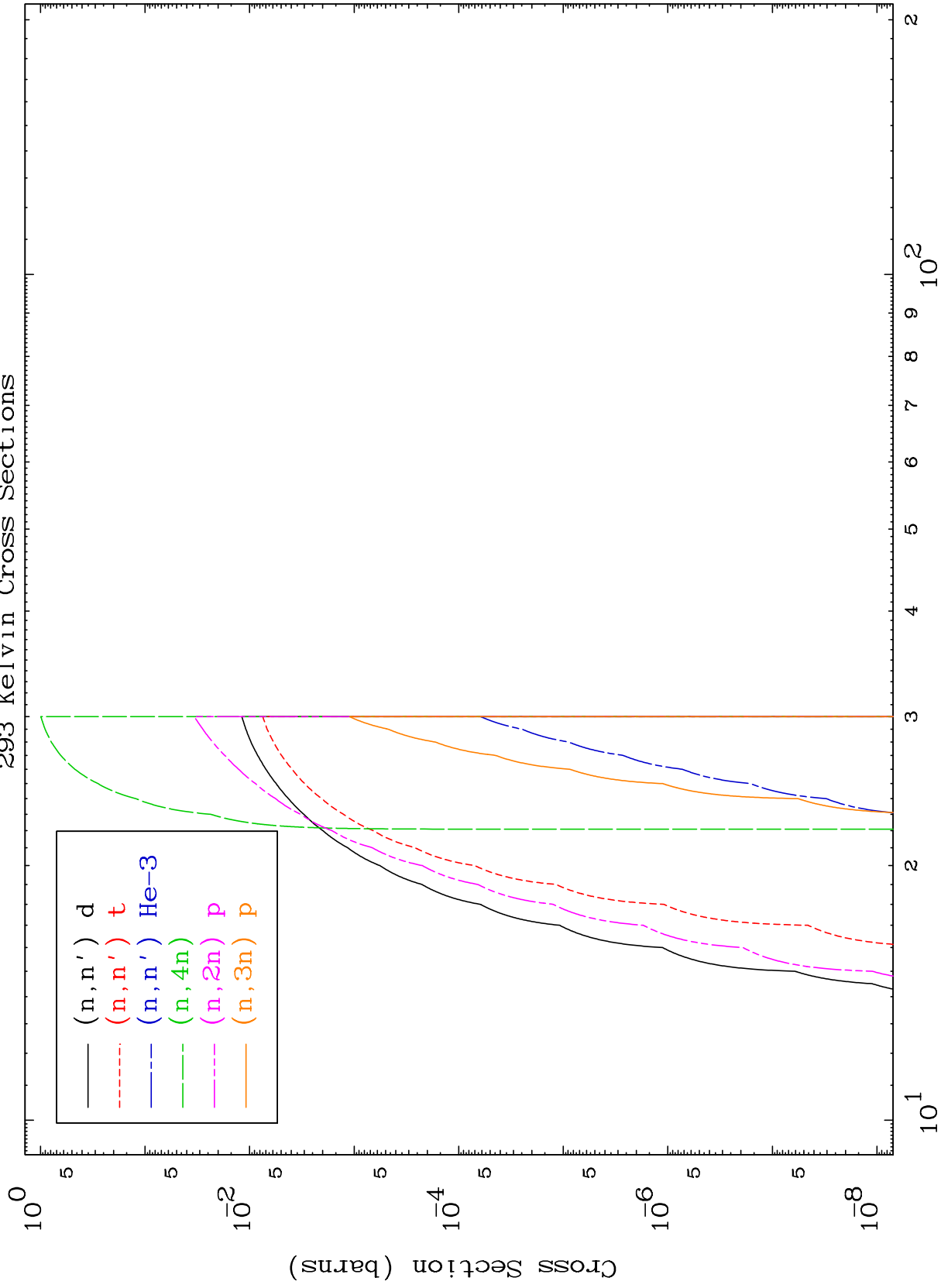


71-Lu-174

MAT 7122

Neutron Production  
293 Kelvin Cross Sections

71-Lu-174



71-Lu-174

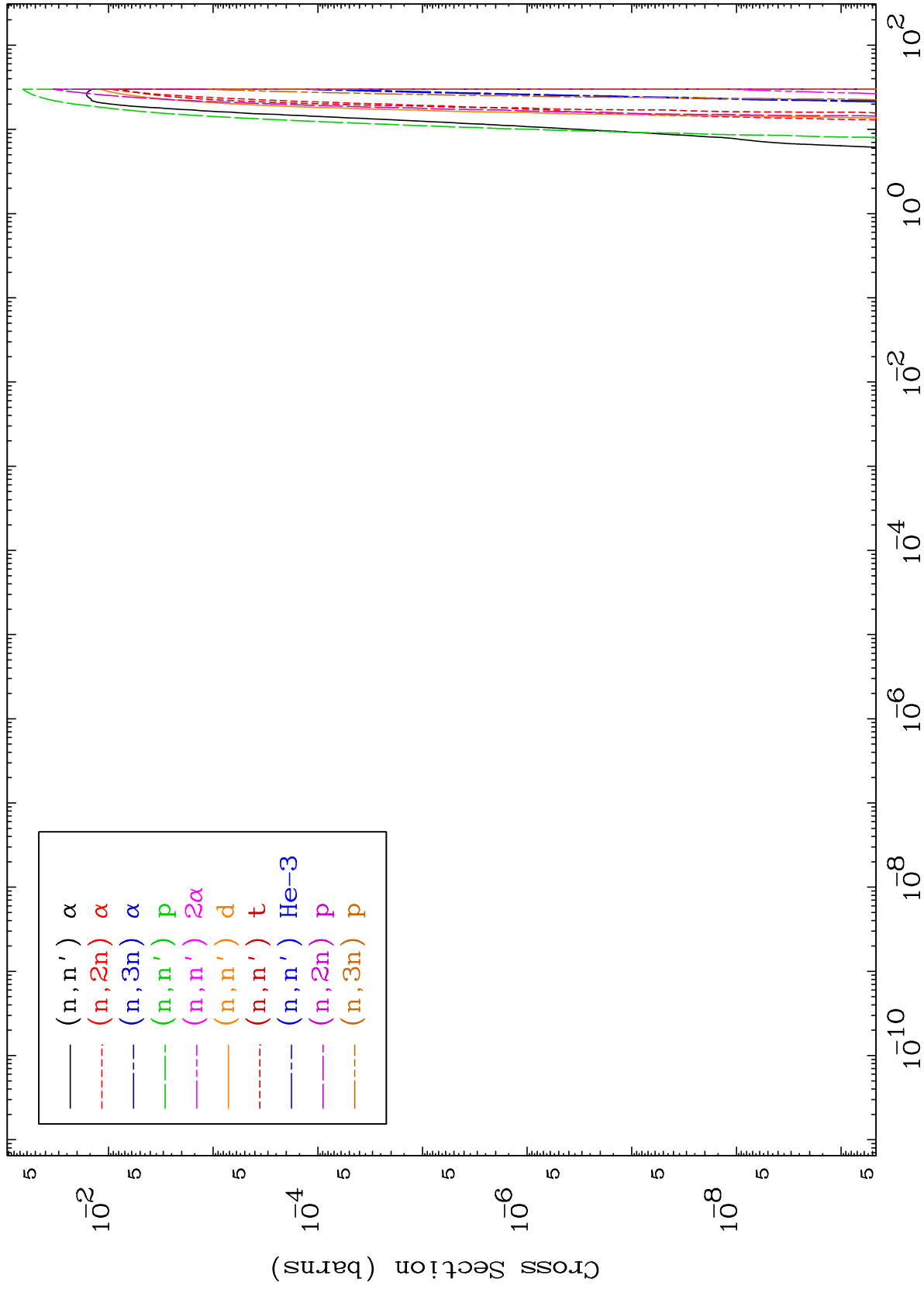
Incident Energy (MeV)

3

MAT 7122

Charged Particle  
293 Kelvin Cross Sections

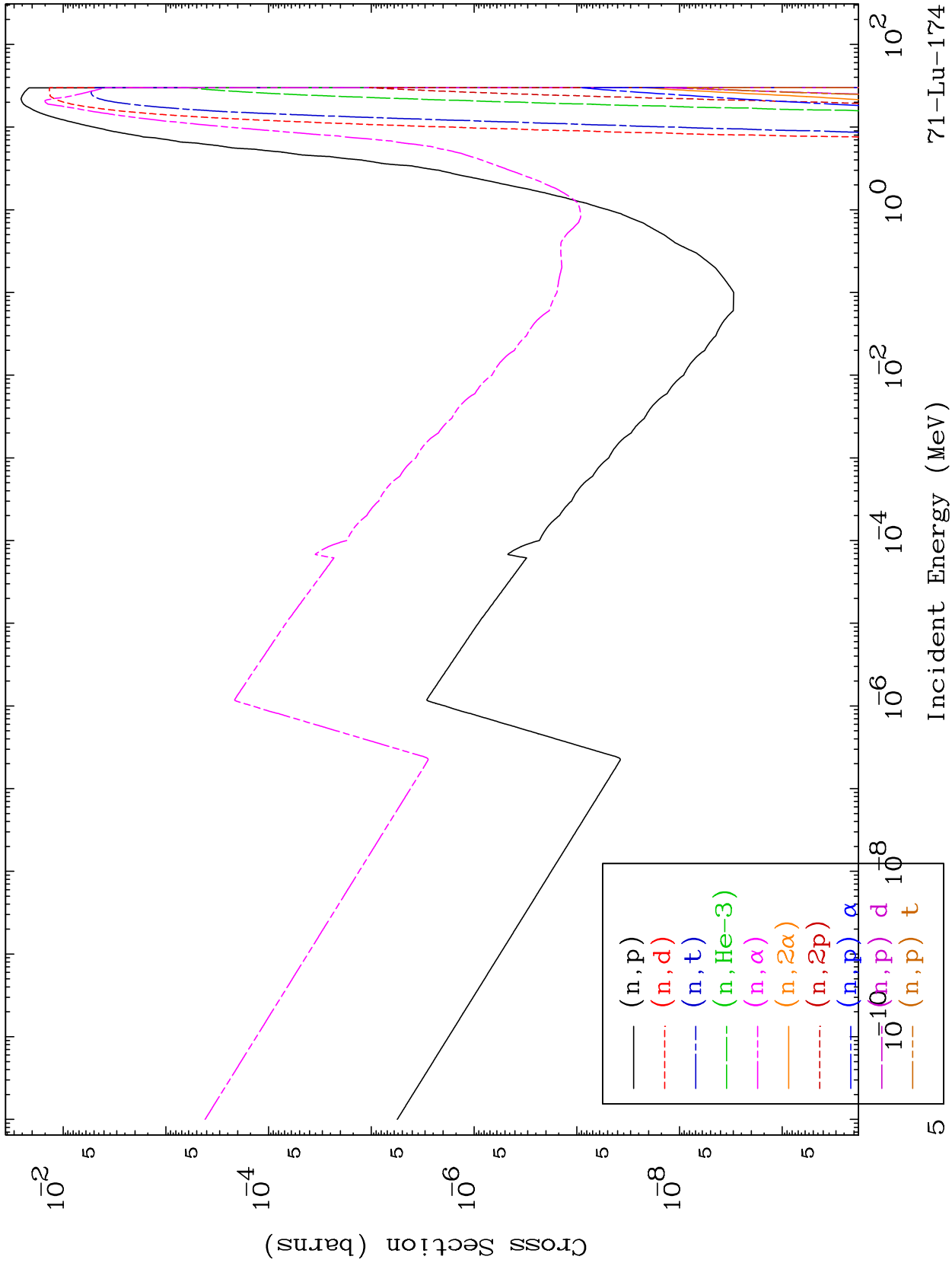
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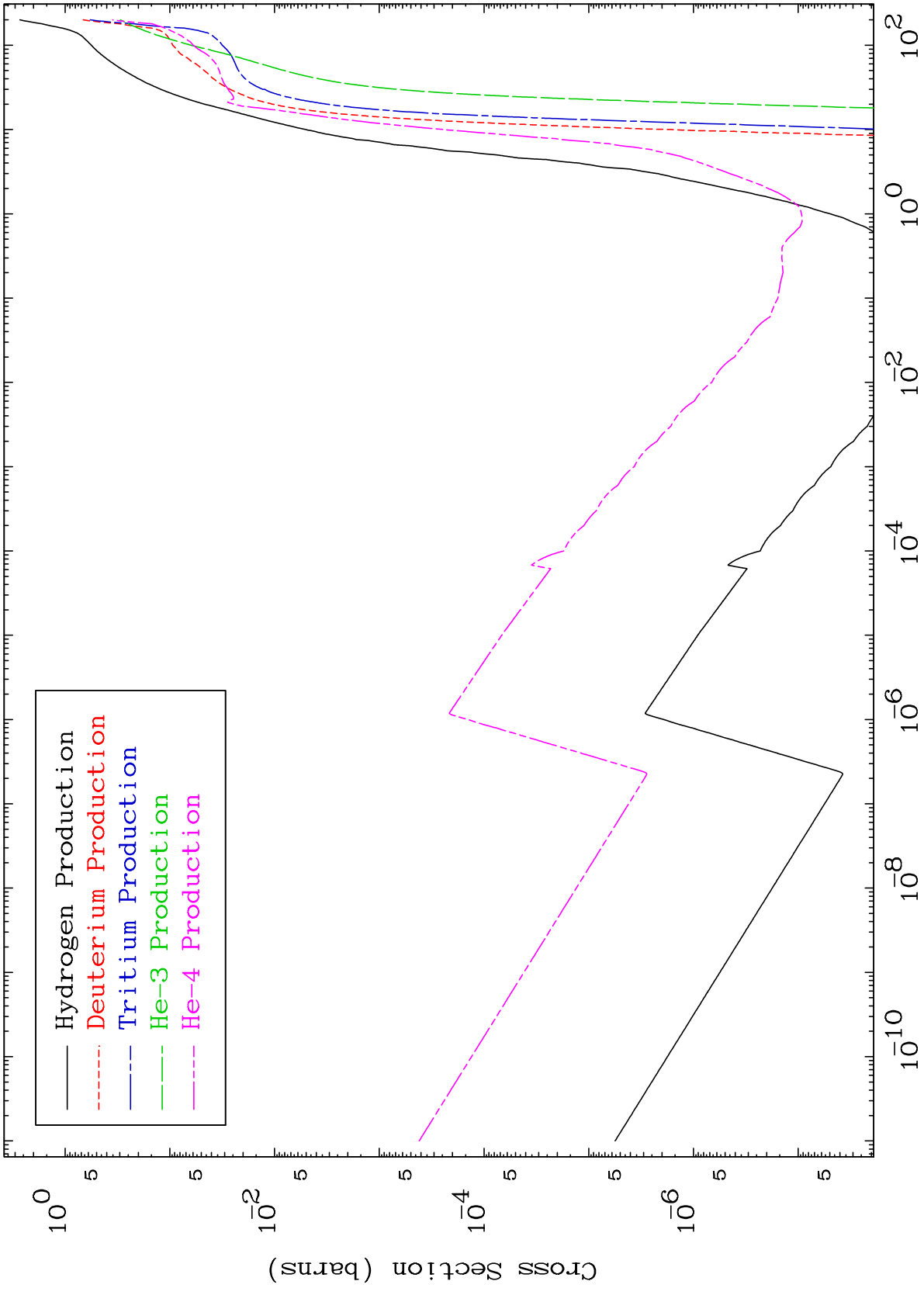


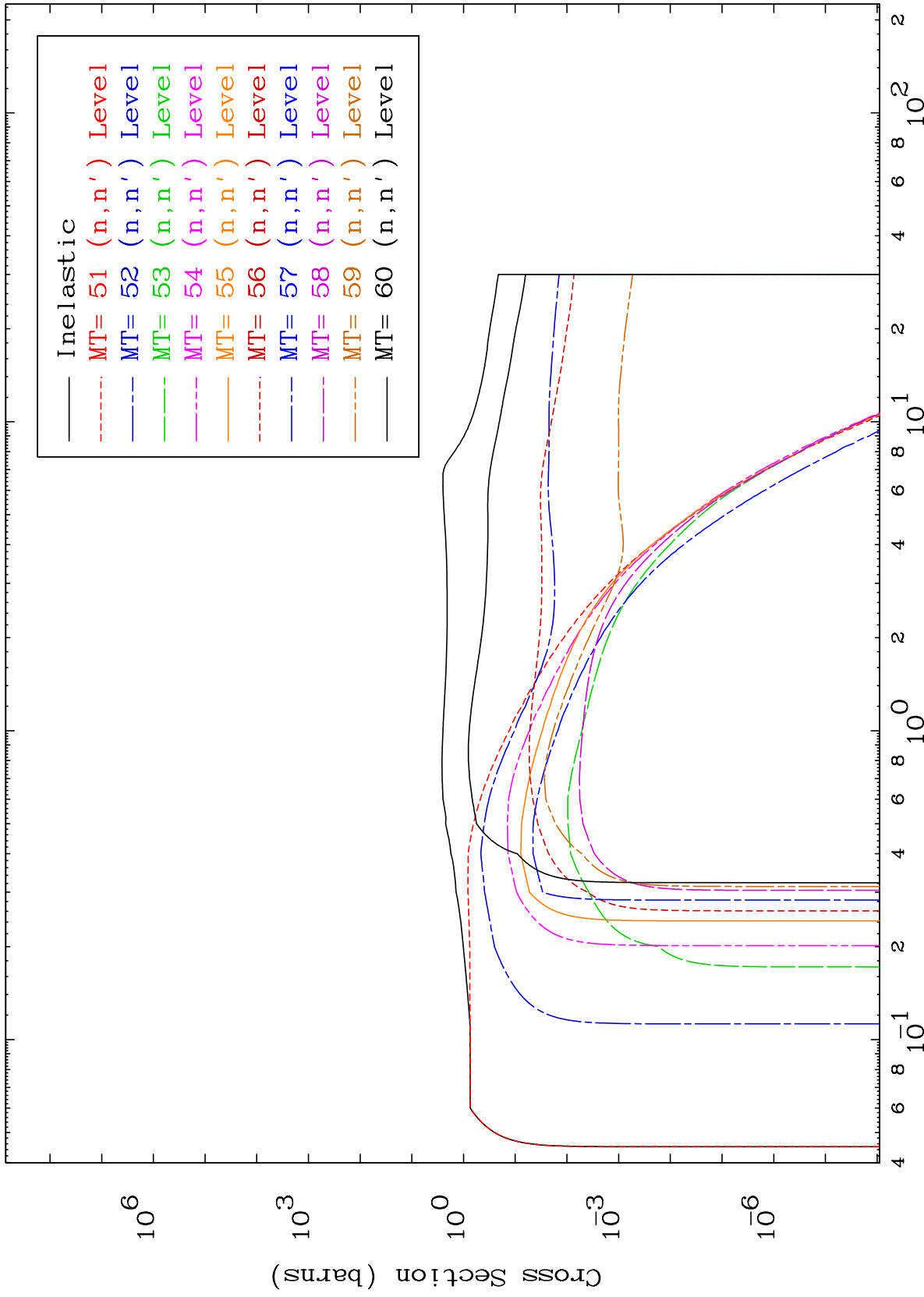
MAT 7122

Charged Particle  
293 Kelvin Cross Sections

71-Lu-174







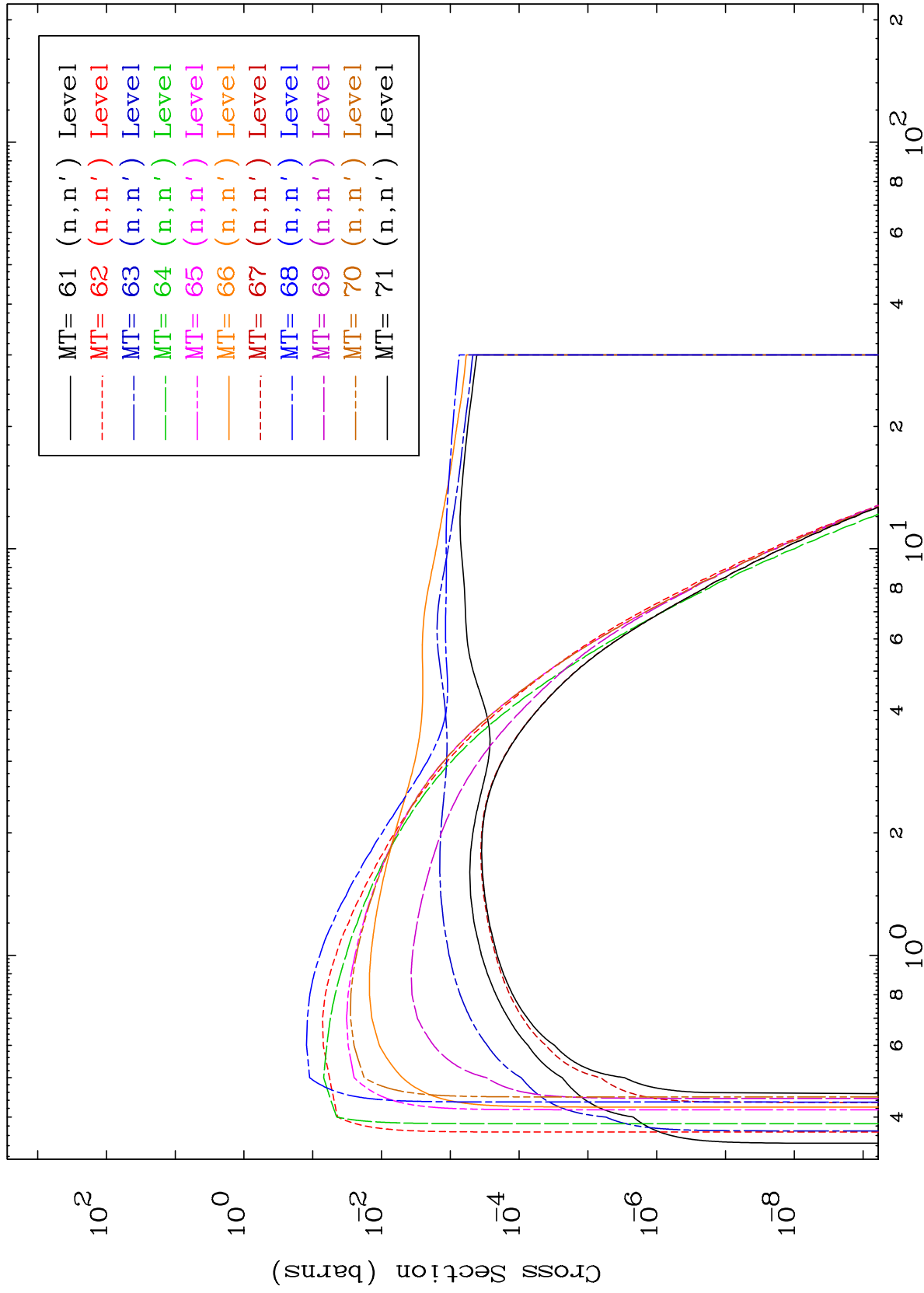


MAT 7122

(n,n') Level

293 Kelvin Cross Sections

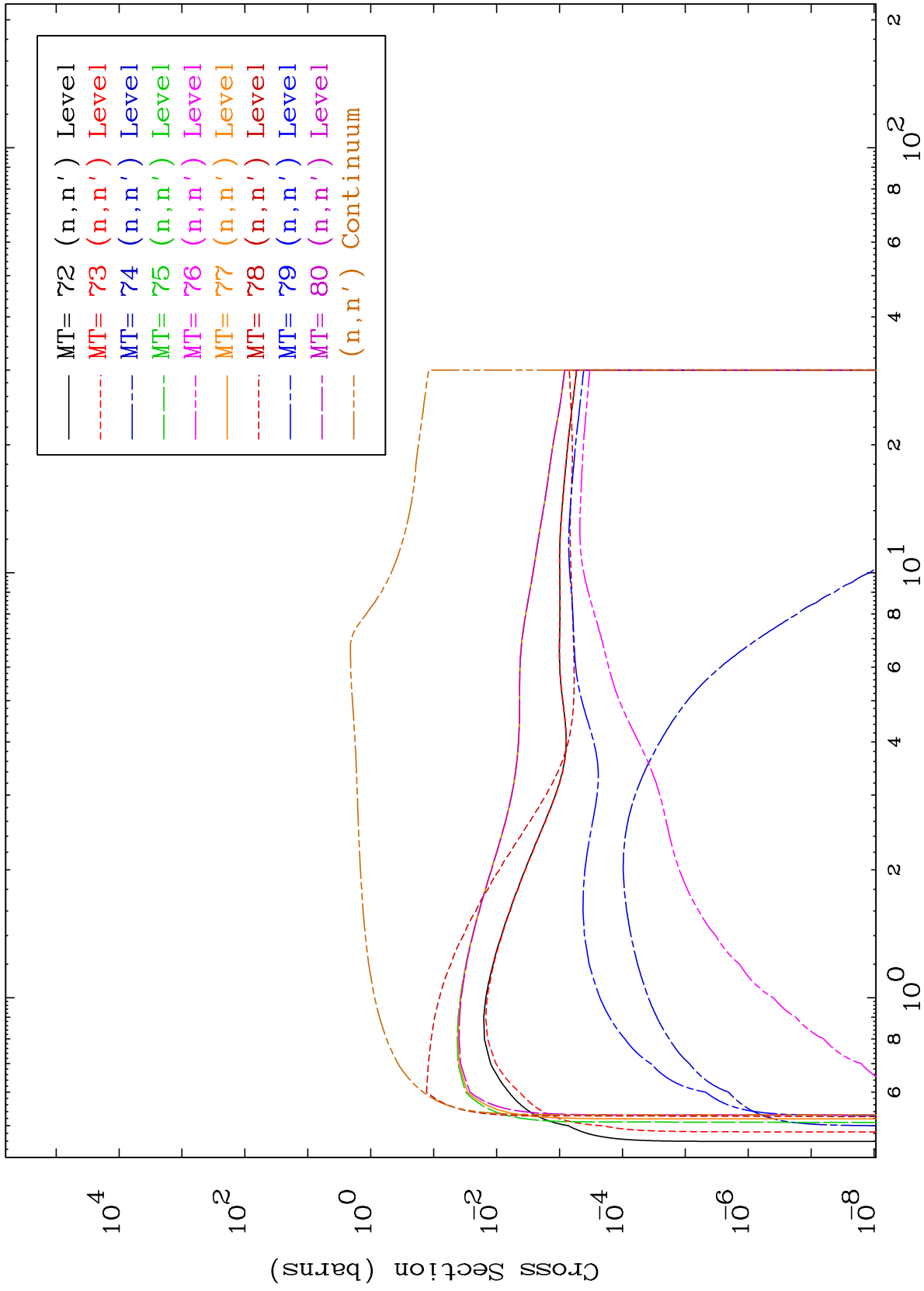
71-Lu-174



8

Incident Energy (MeV)

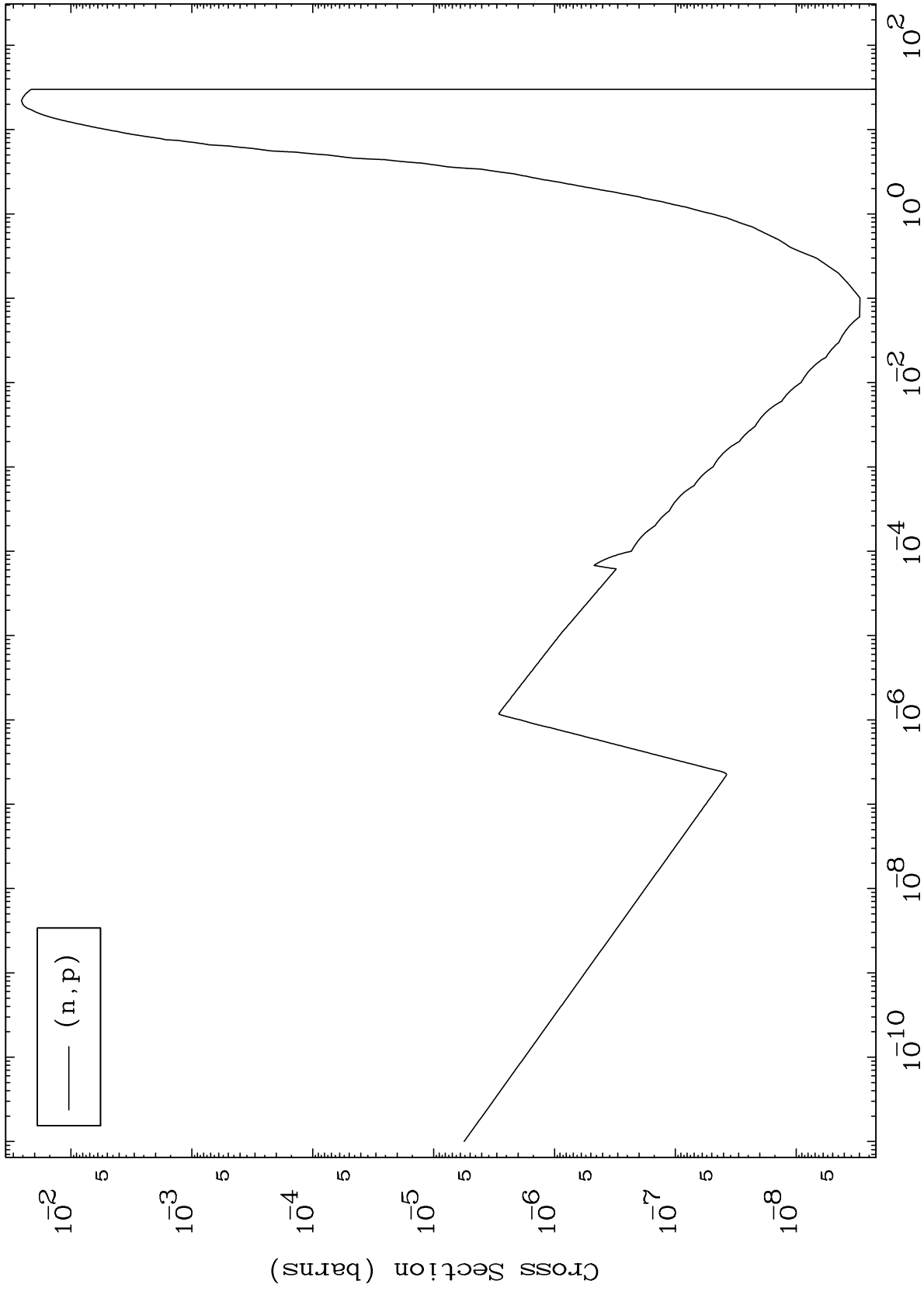
71-Lu-174



MAT 7122

(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-174



10

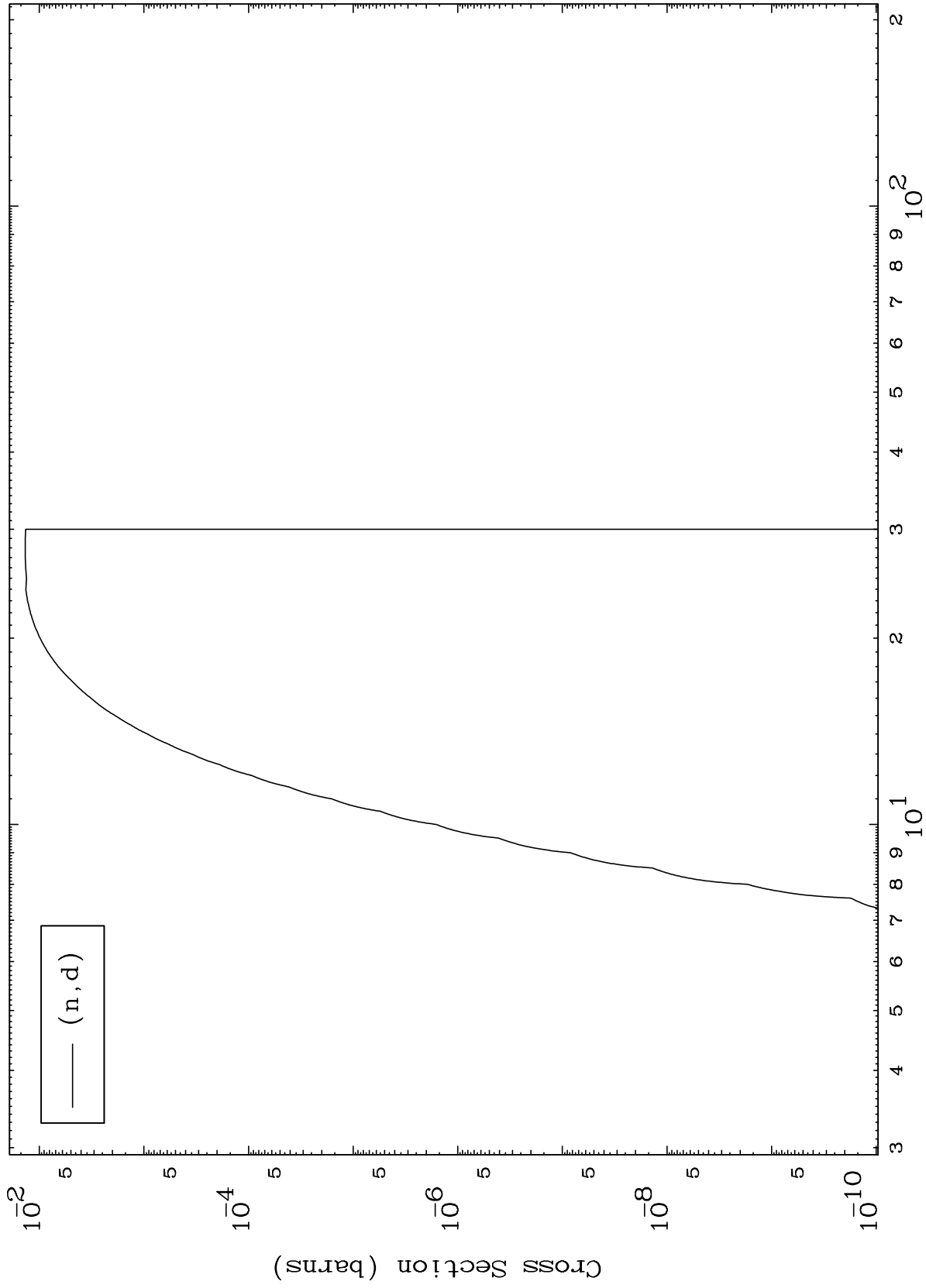
Incident Energy (MeV)

71-Lu-174

MAT 7122

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-174



11

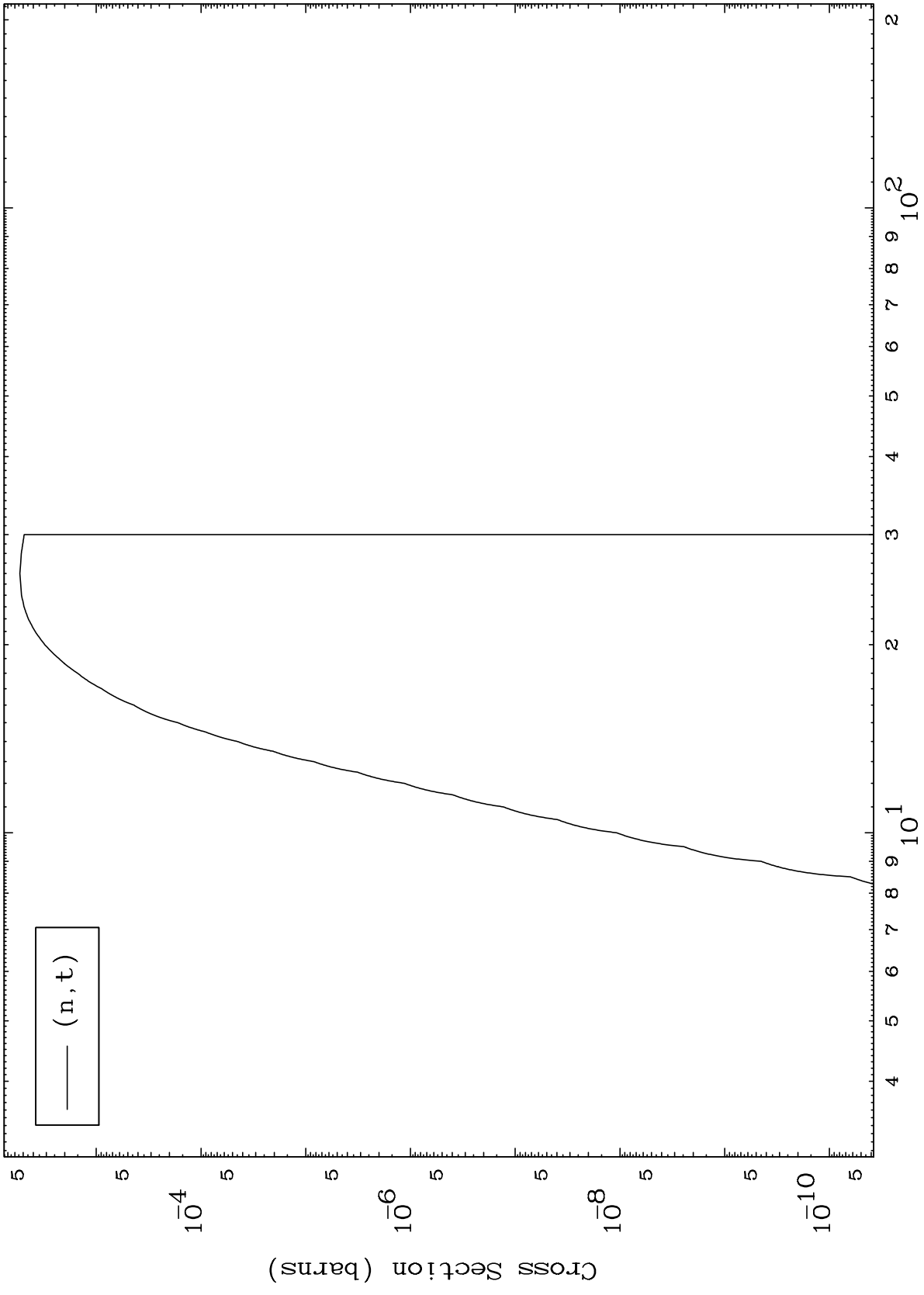
Incident Energy (MeV)

71-Lu-174

MAT 7122

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-174



12

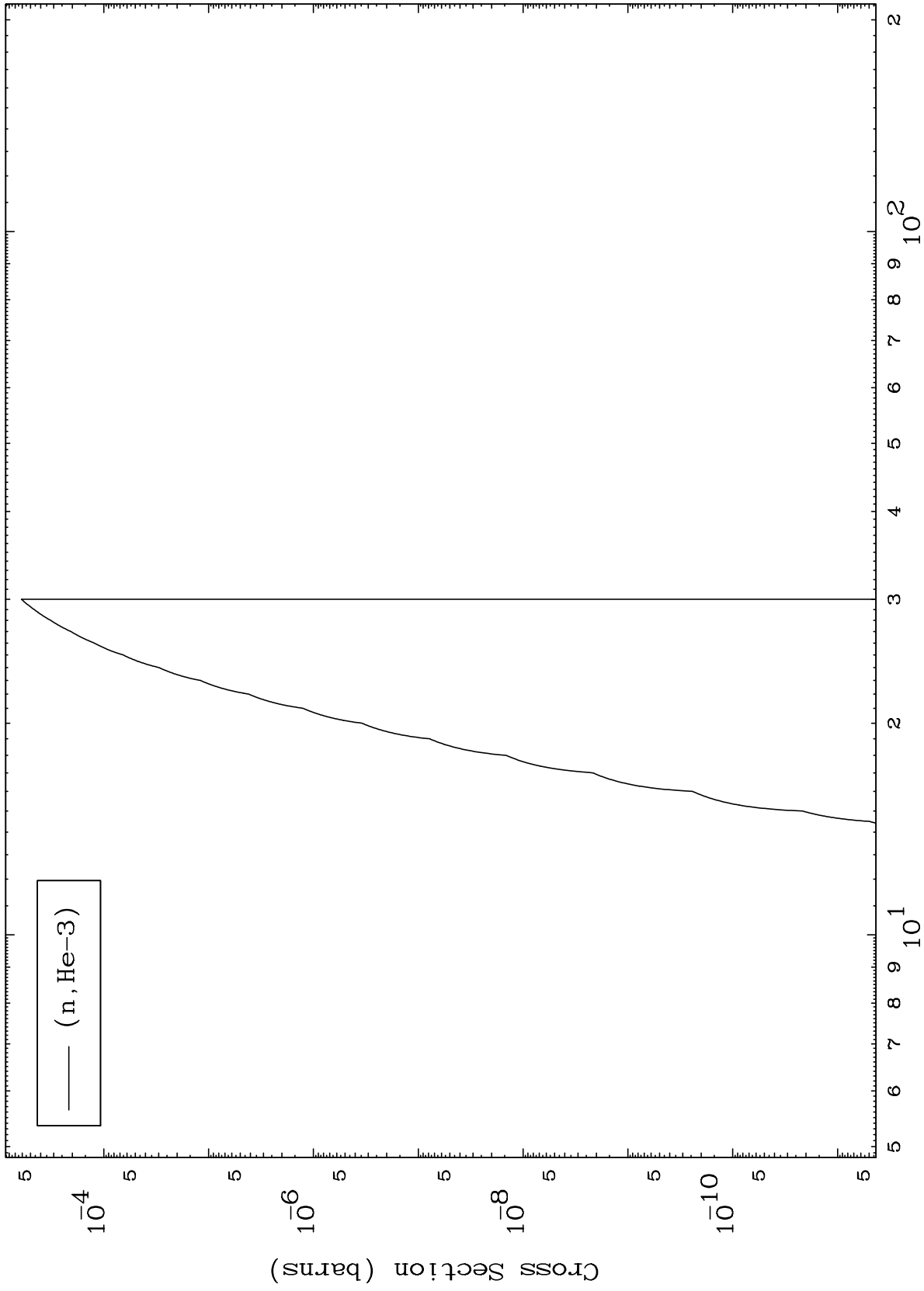
Incident Energy (MeV)

71-Lu-174

MAT 7122

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-174



13

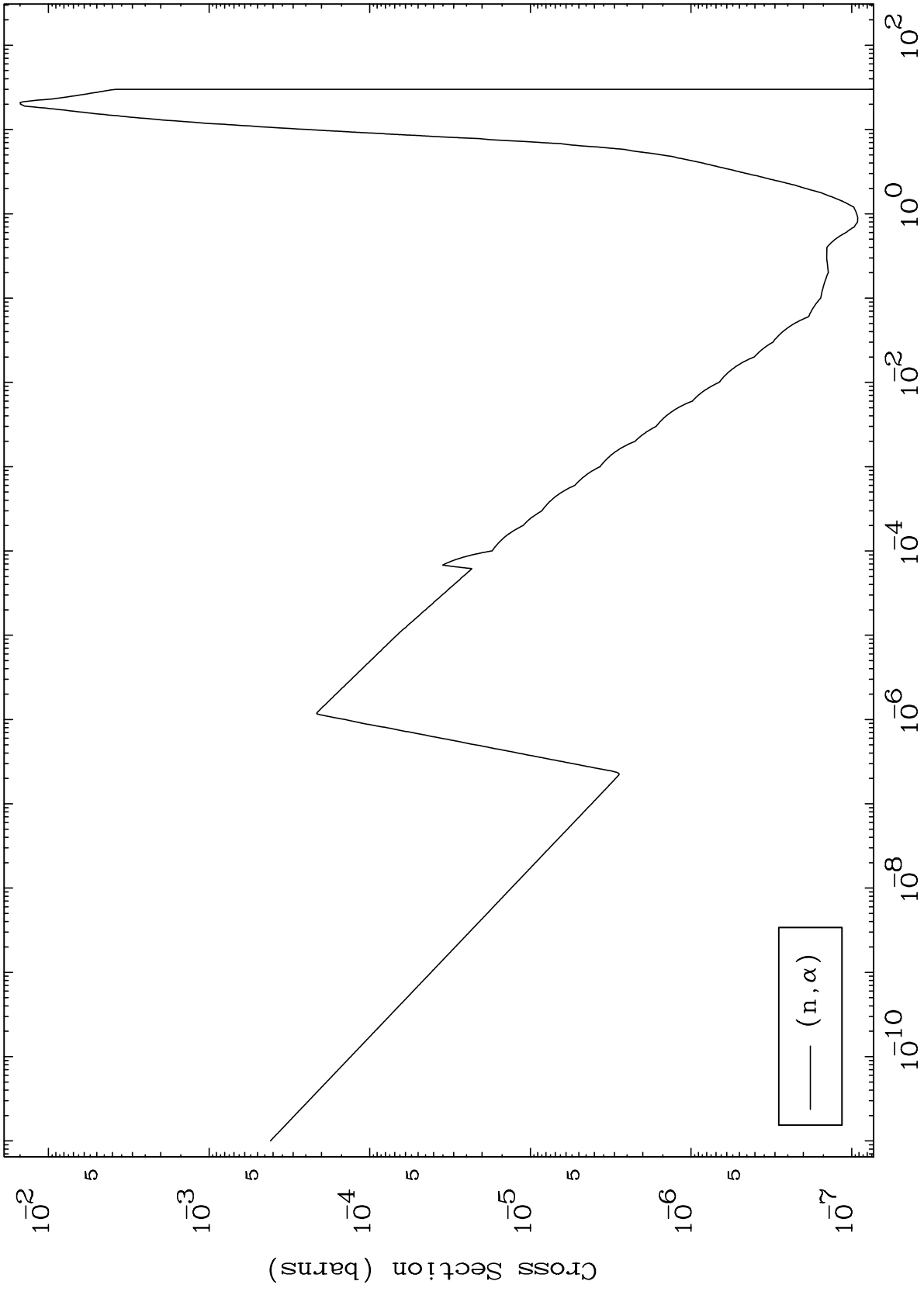
Incident Energy (MeV)

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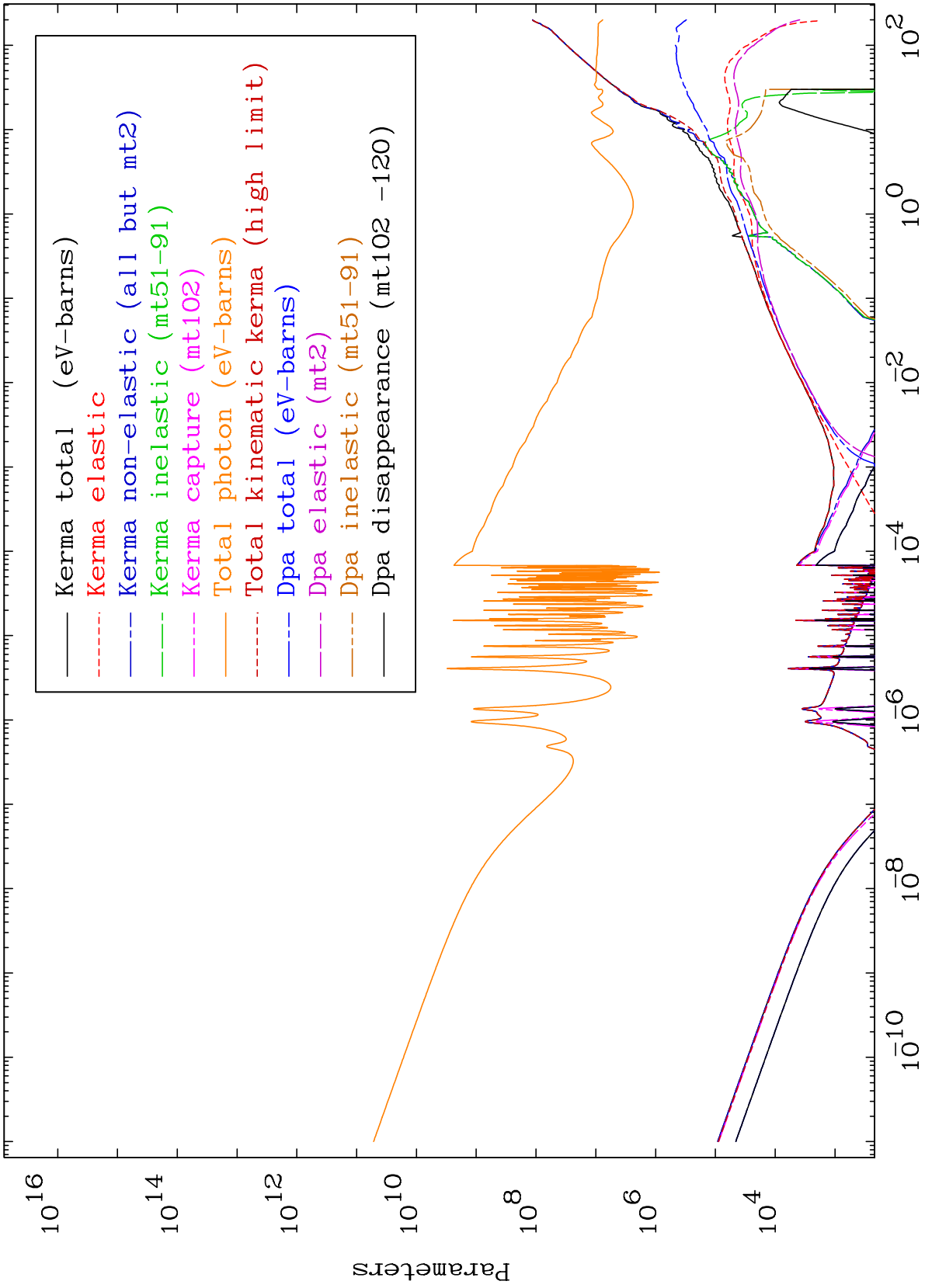
MAT 7122

(n,α) Levels  
293 Kelvin Cross Sections

71-Lu-174



71-Lu-174

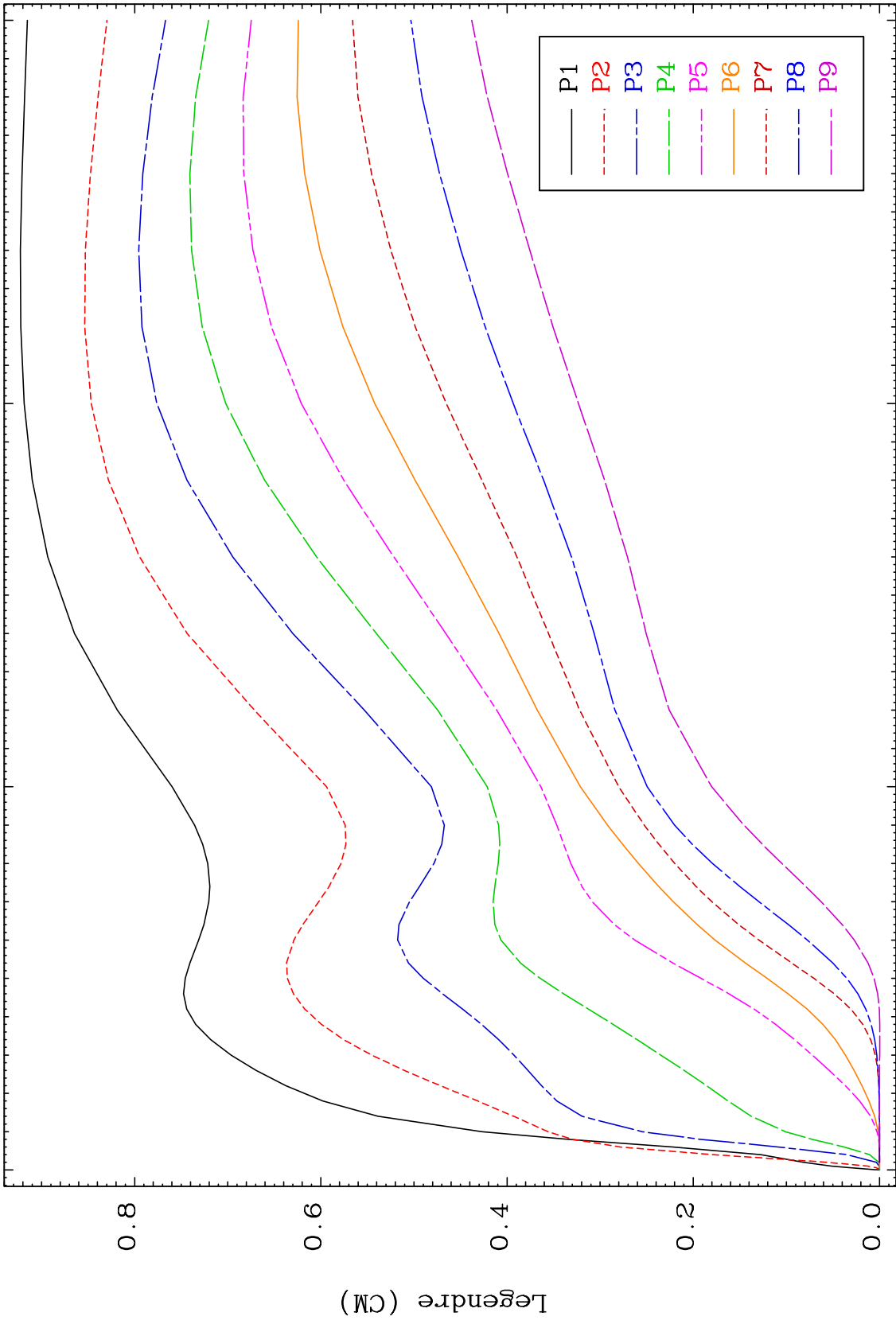




MAT 7122

Elastic Legendre Coefficients

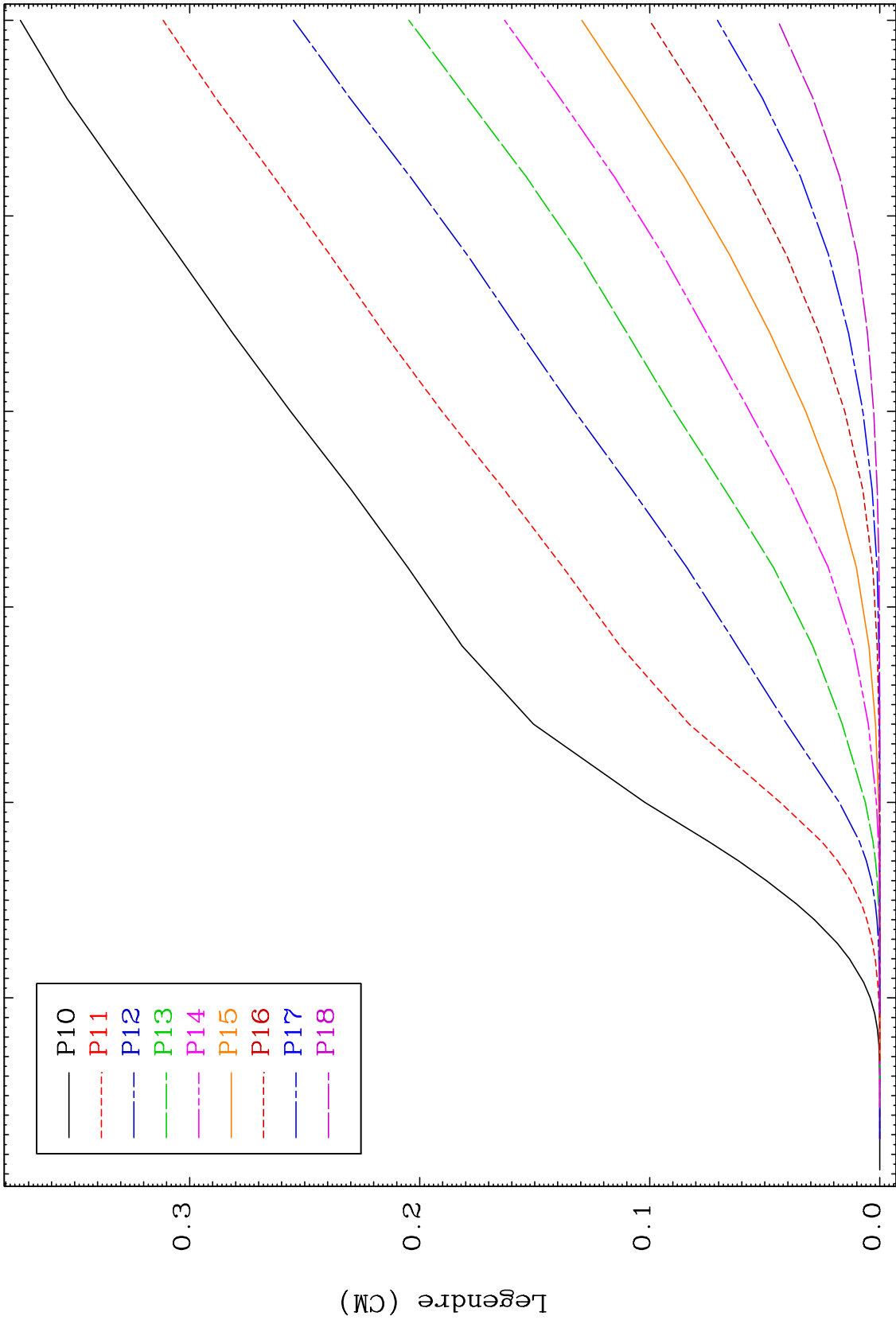
71-Lu-174

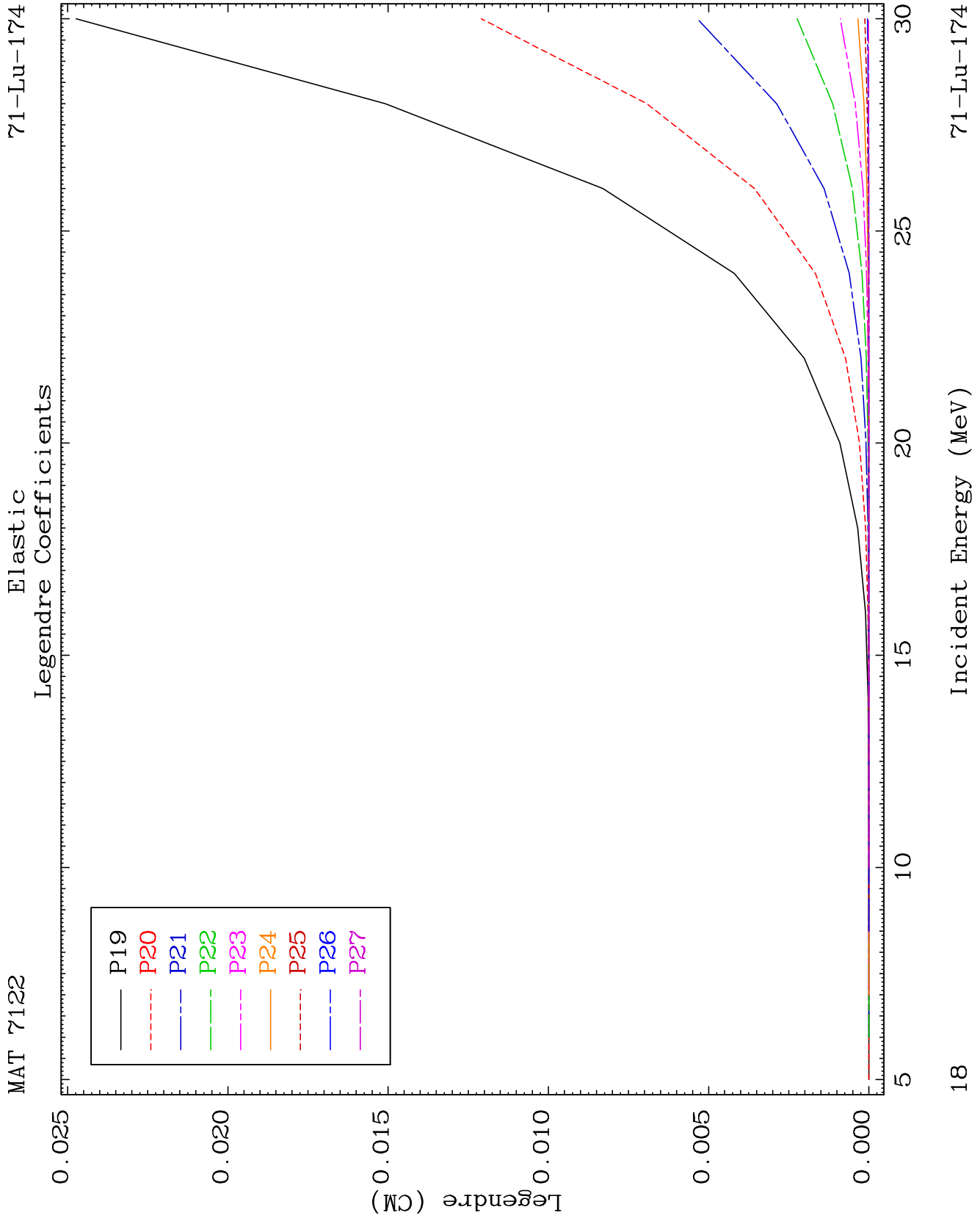


16

Incident Energy (MeV)

71-Lu-174

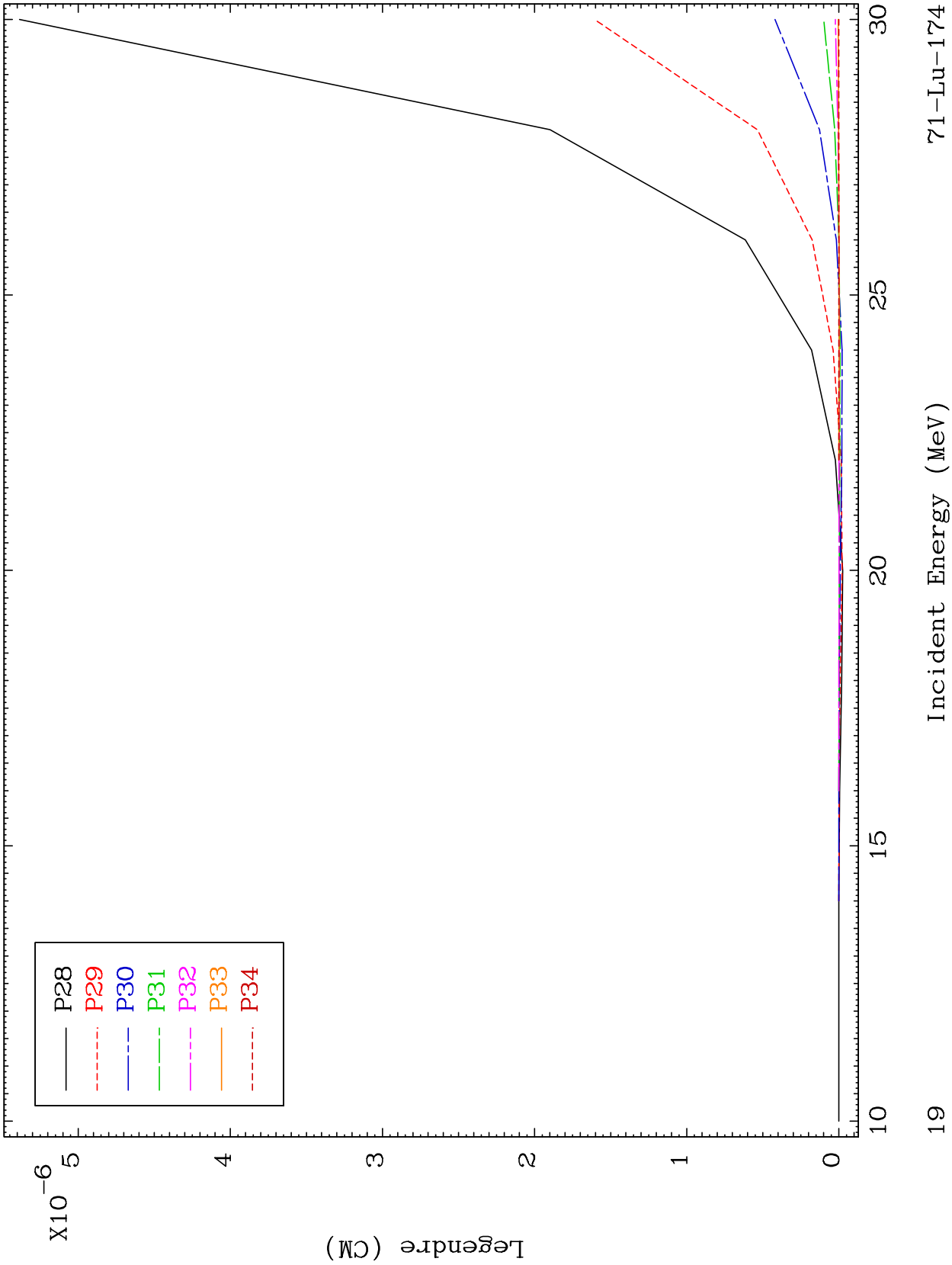




MAT 7122

Elastic Legendre Coefficients

71-Lu-174



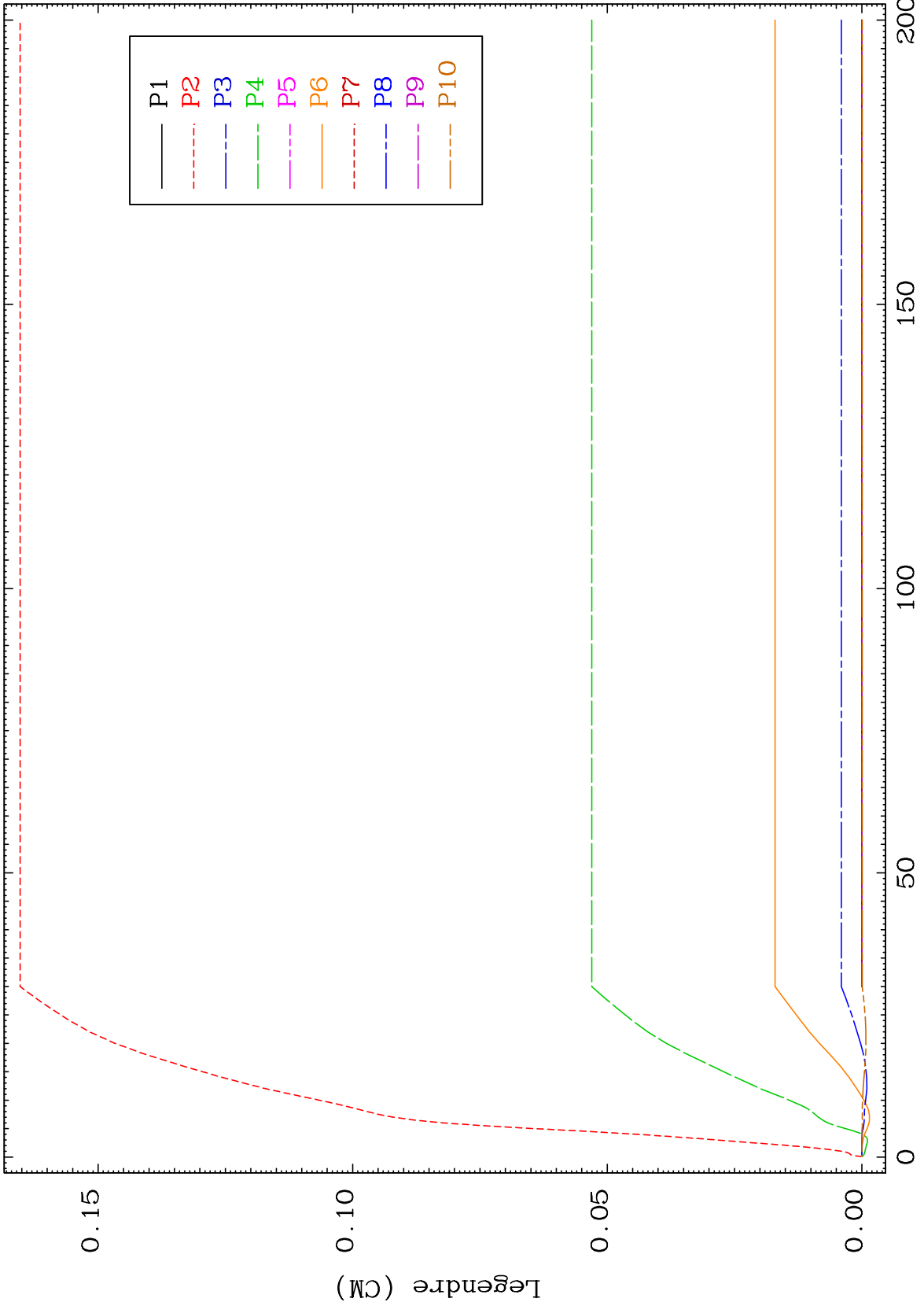
19

71-Lu-174

MAT 7122

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

71-Lu-174



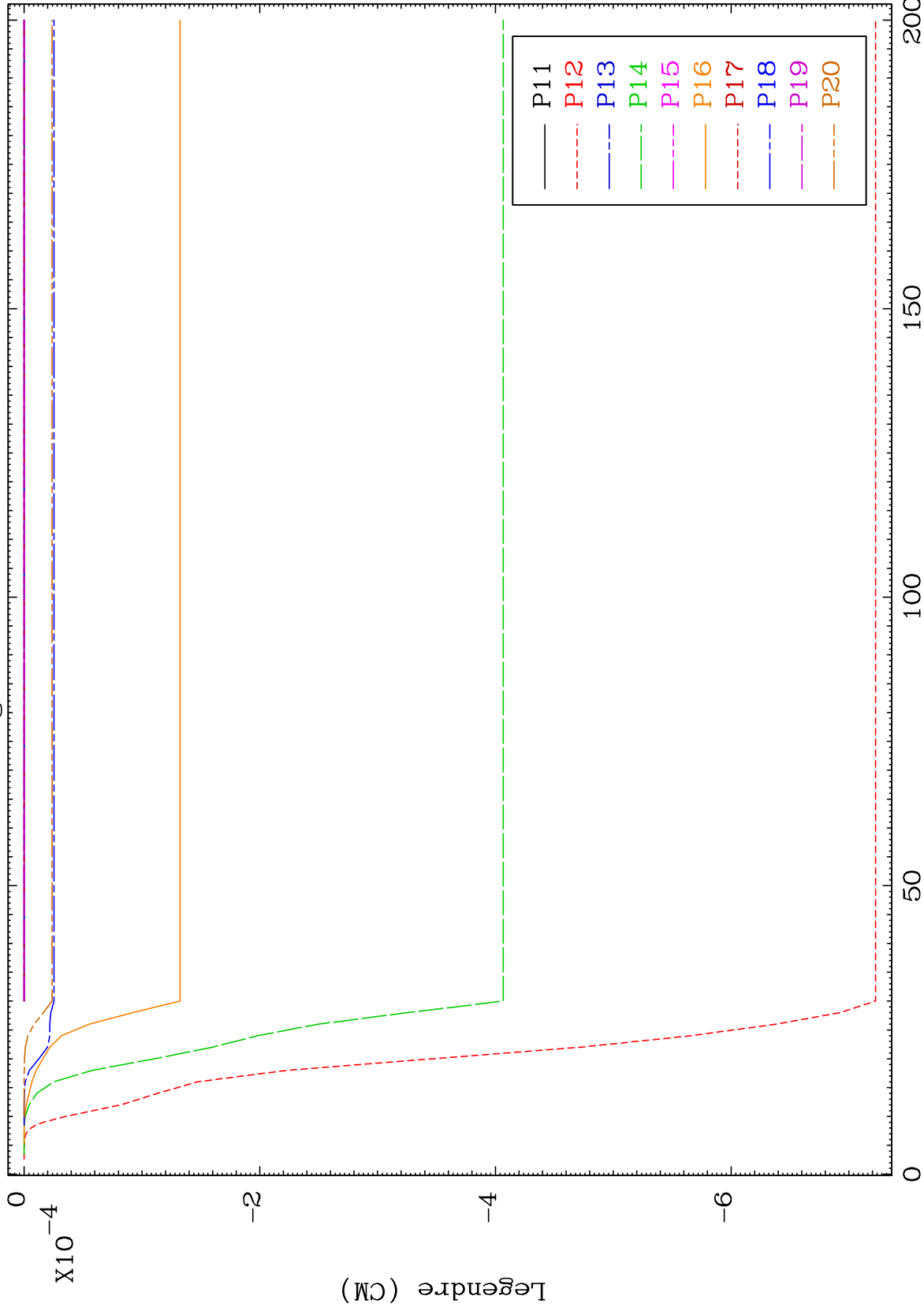
71-Lu-174

Incident Energy (MeV)

MAT 7122

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

71-Lu-174



71-Lu-174

Incident Energy (MeV)

21

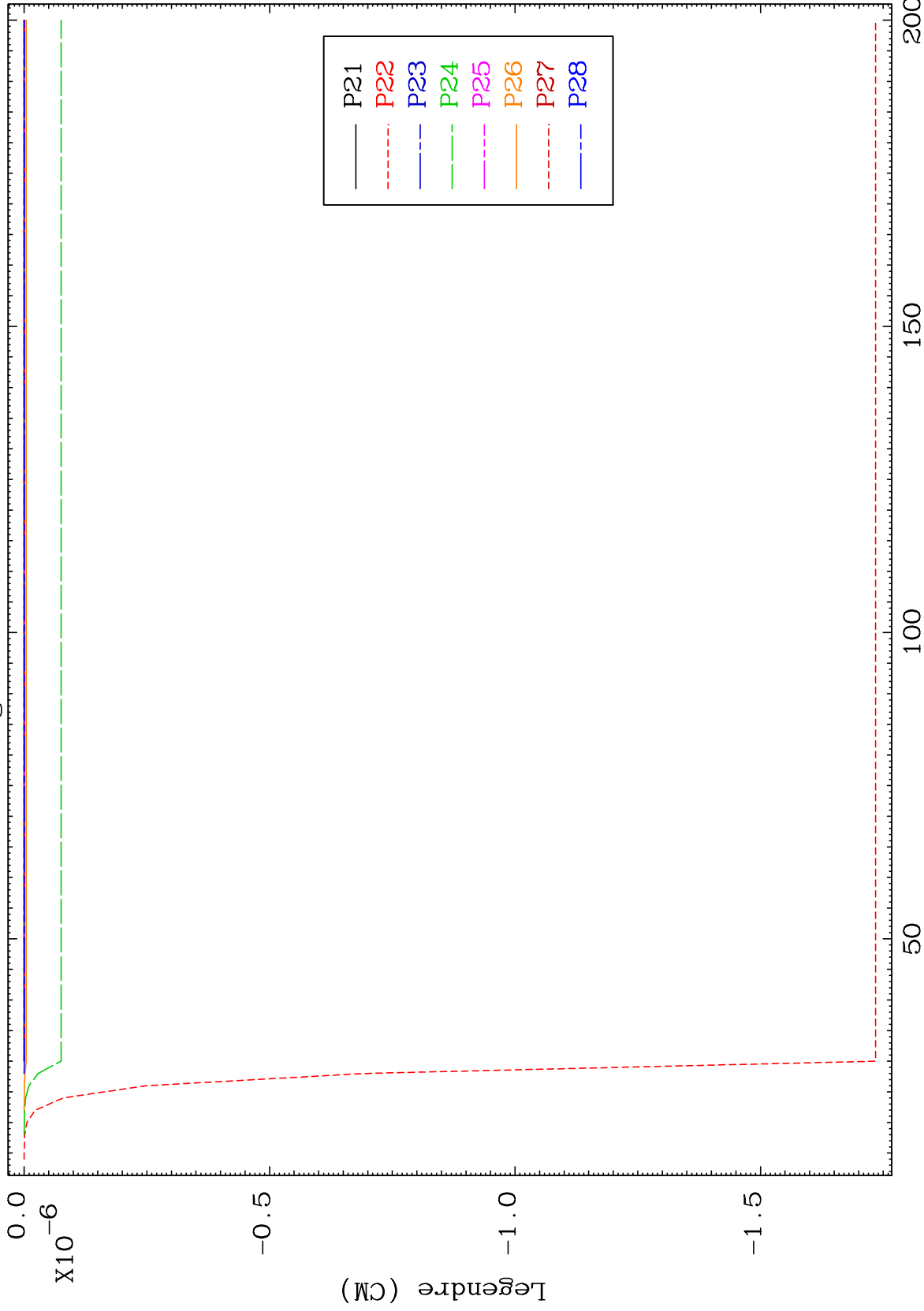
MAT 7122

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

71-Lu-174

Incident Energy (MeV)

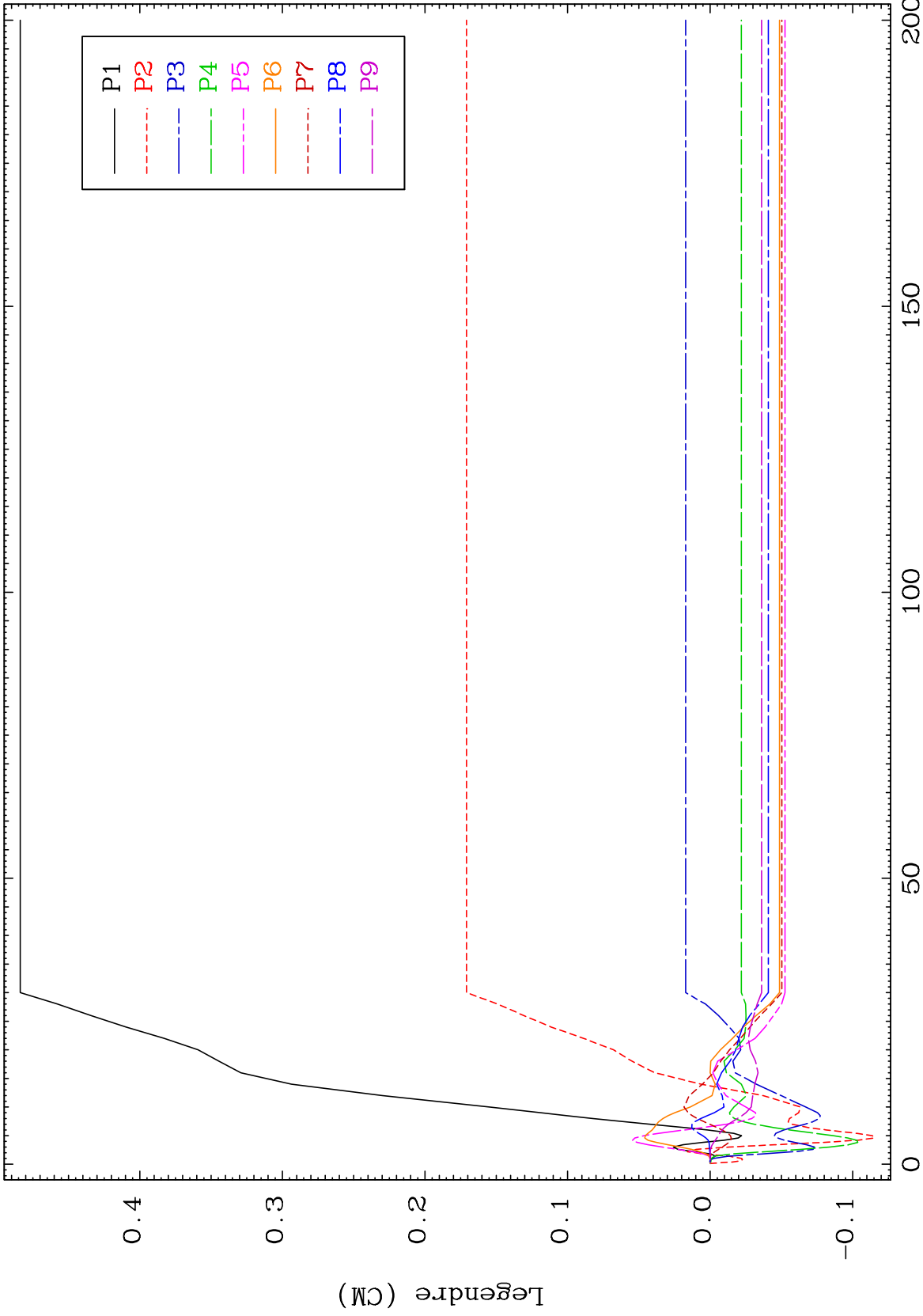
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MAT 7122

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

71-Lu-174



23

Incident Energy (MeV)

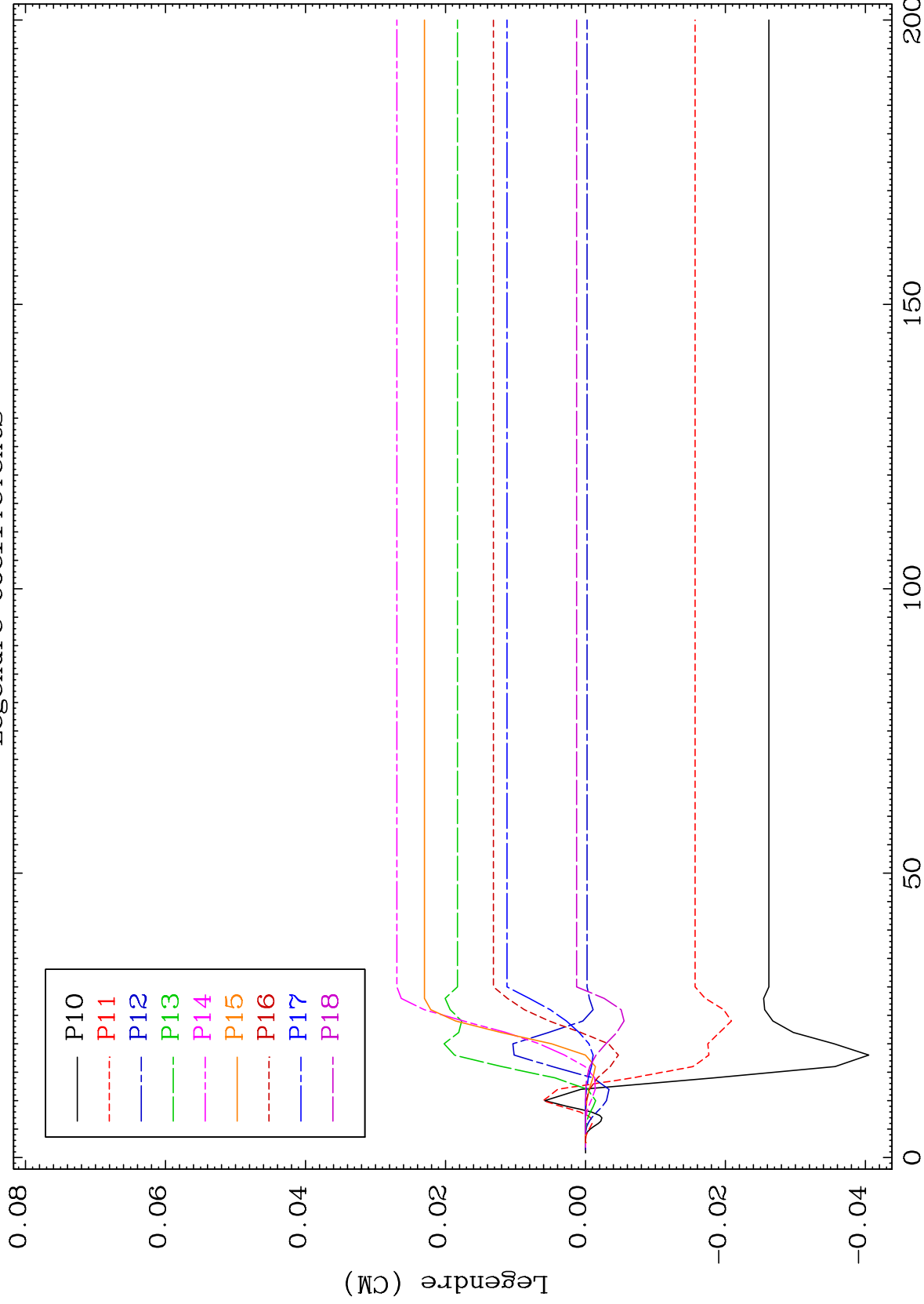
71-Lu-174



MAT 7122

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

71-Lu-174



24

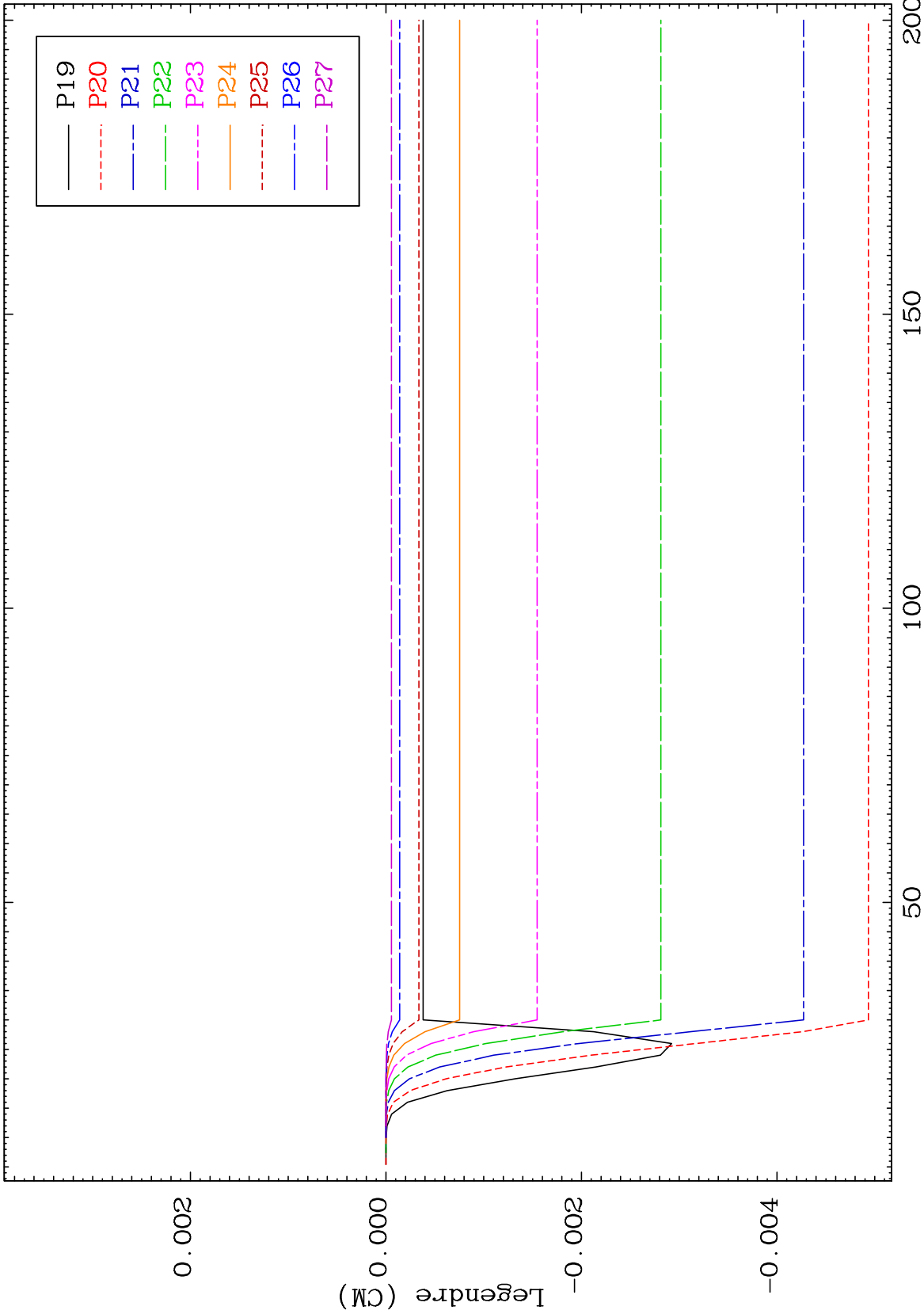
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

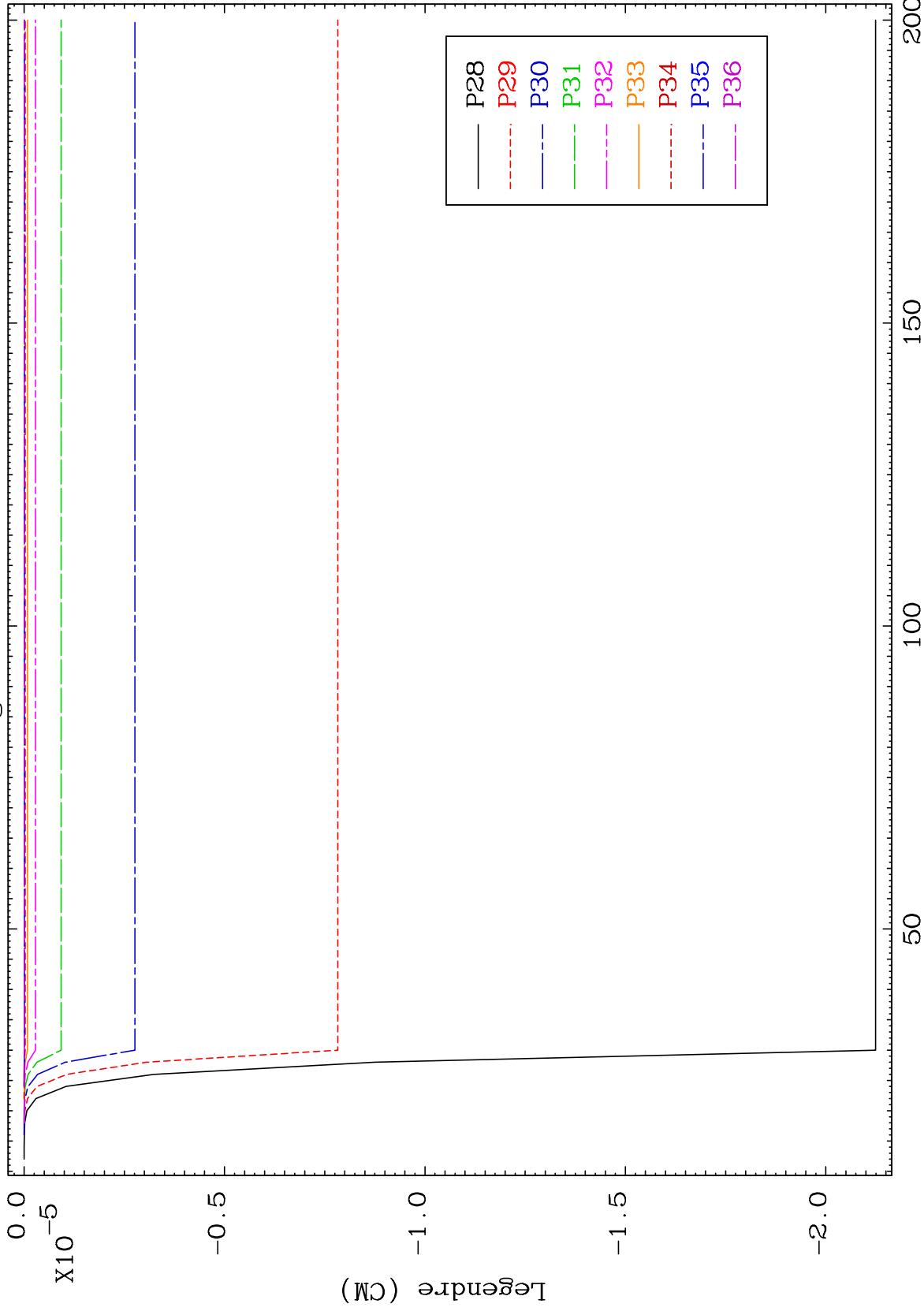
71-Lu-174



25

Incident Energy (MeV)

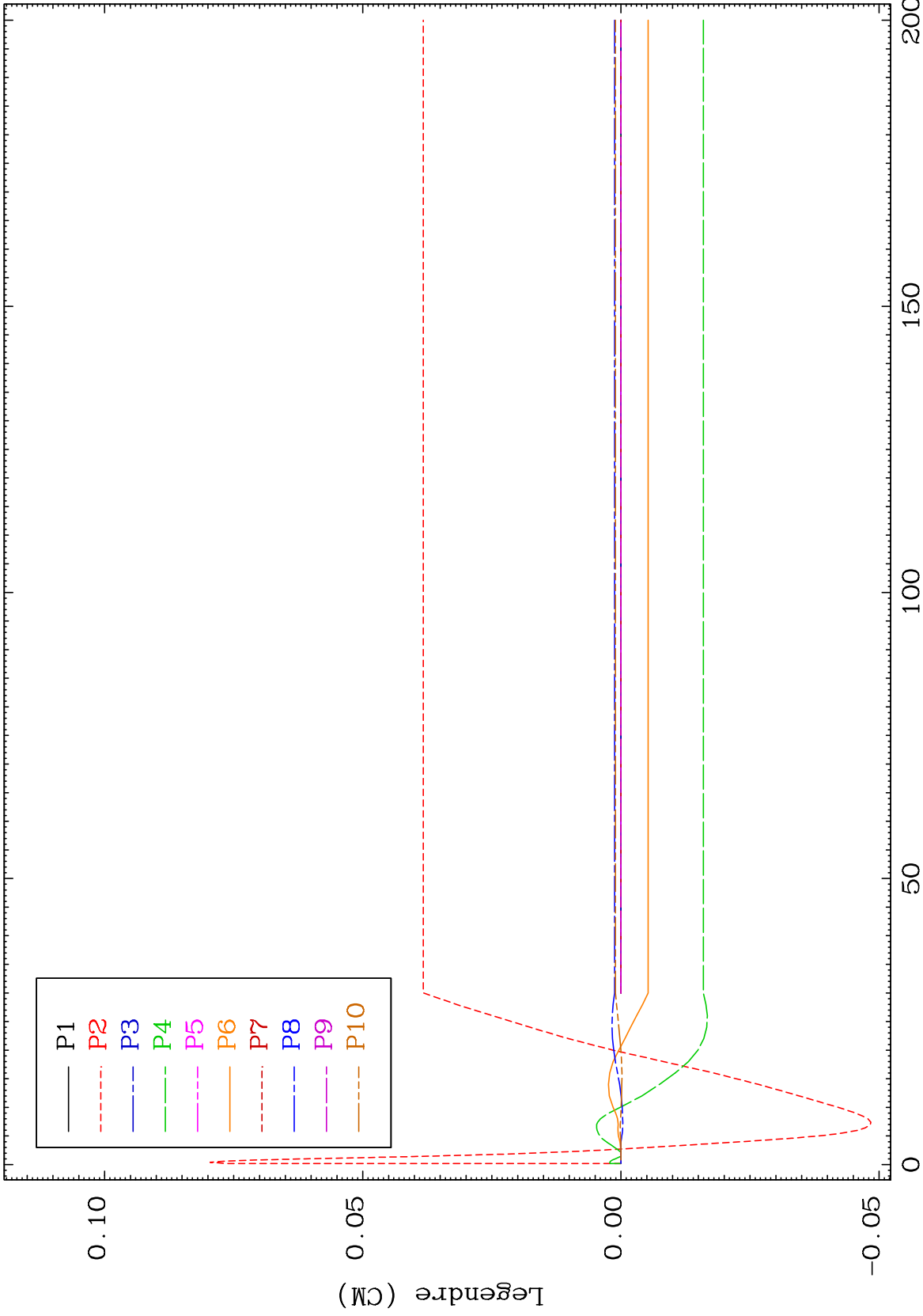
71-Lu-174



MAT 7122

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

71-Lu-174



27

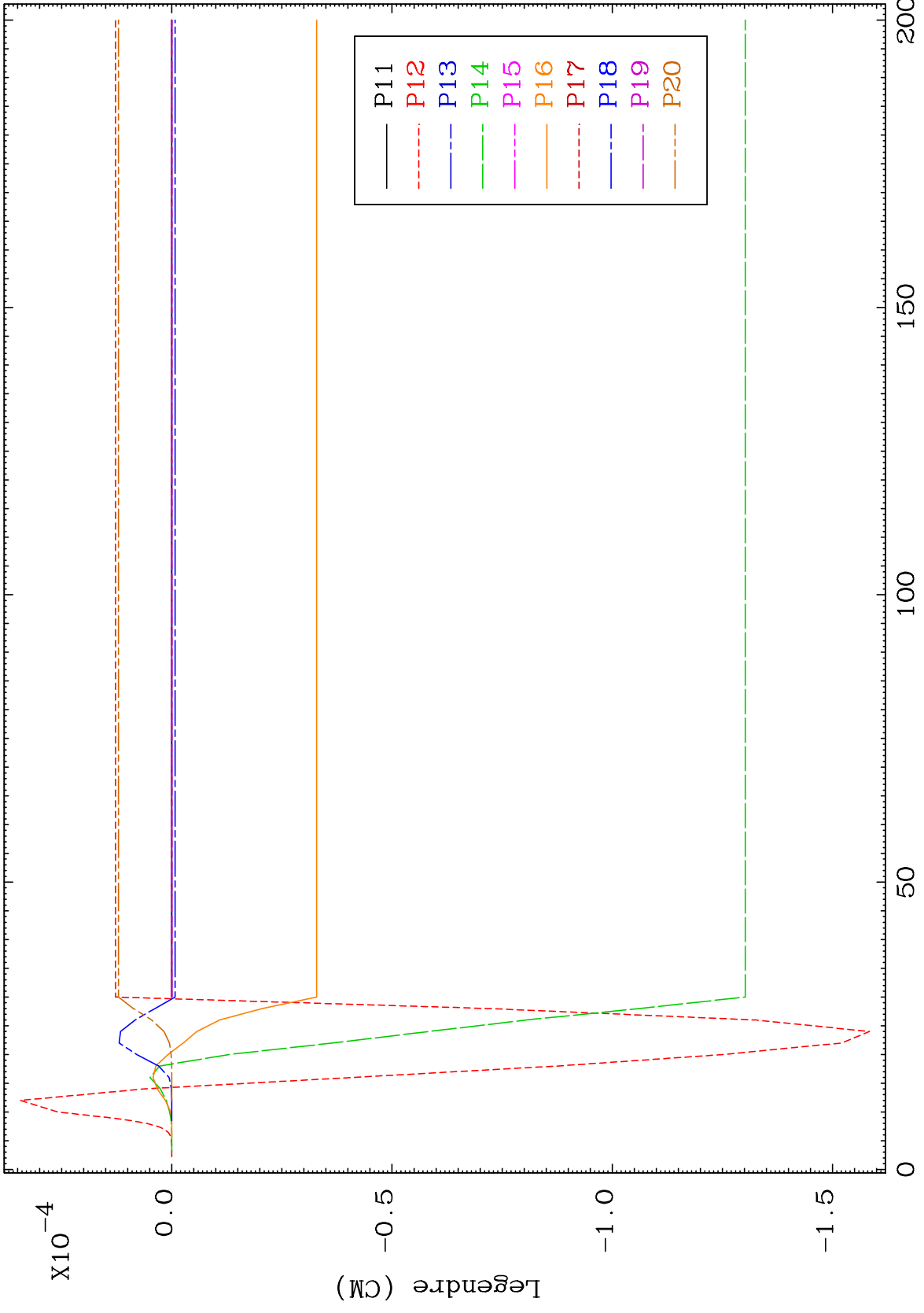
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



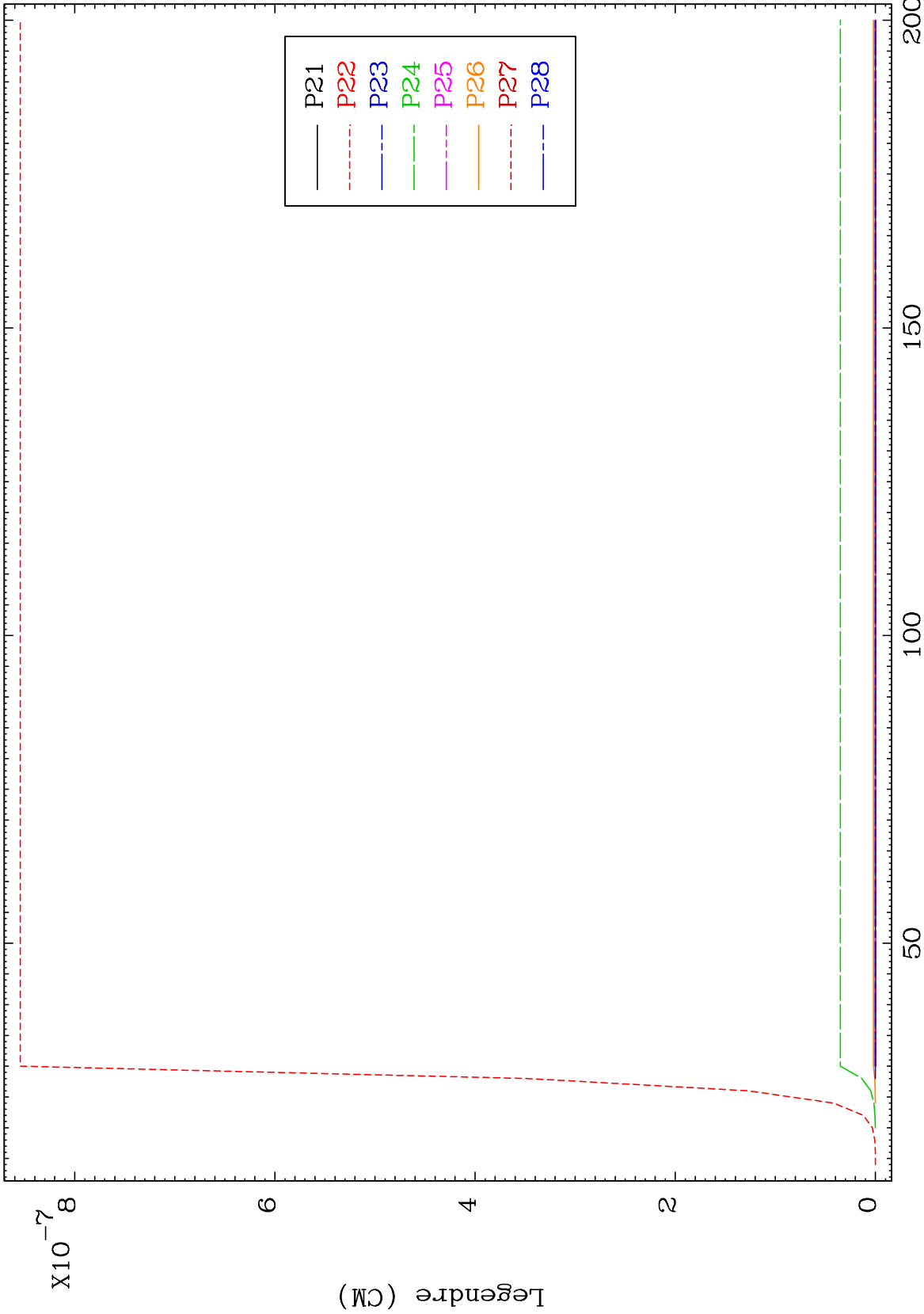
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71-Lu-174

MAT 7122

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

71-Lu-174



29

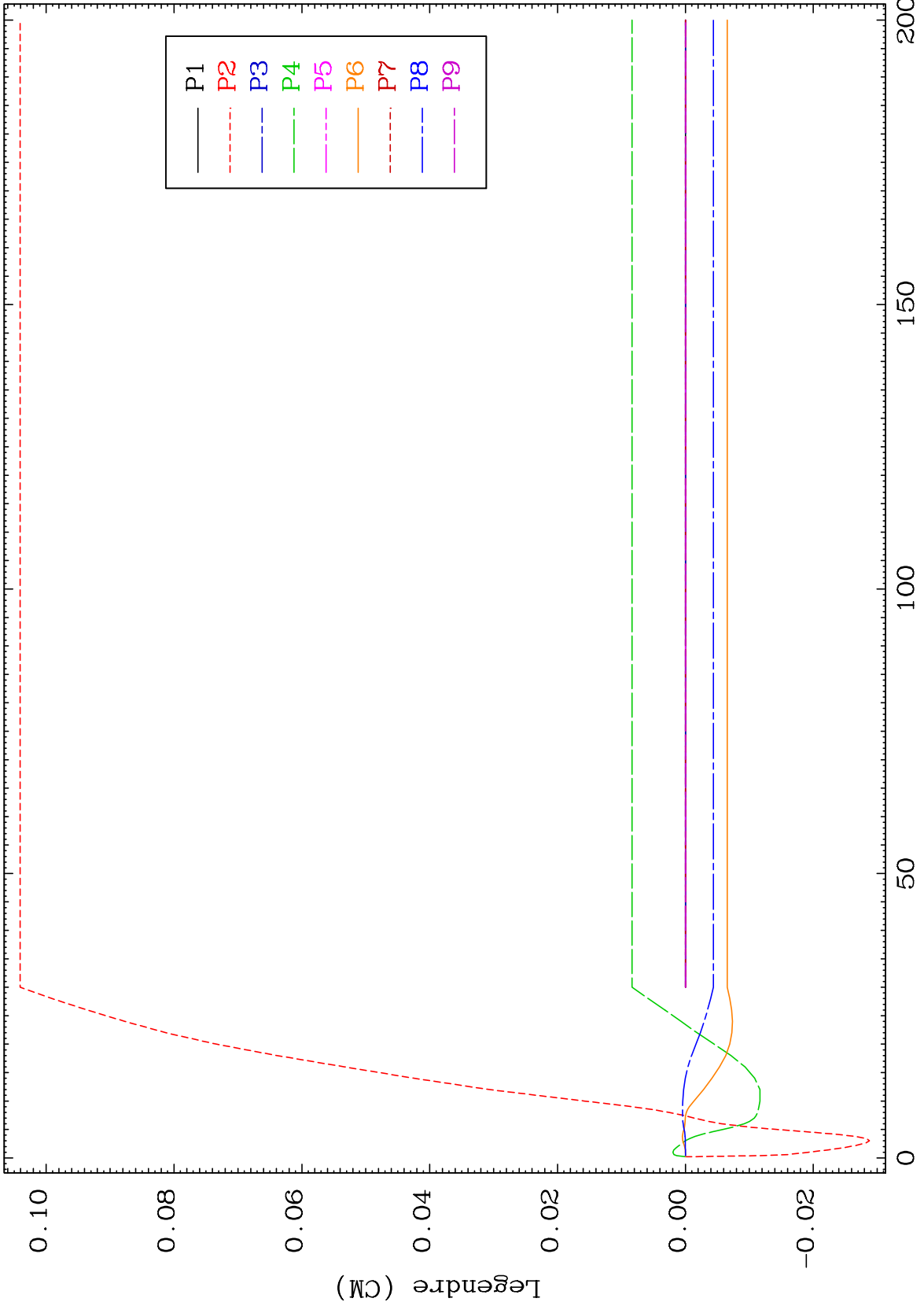
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

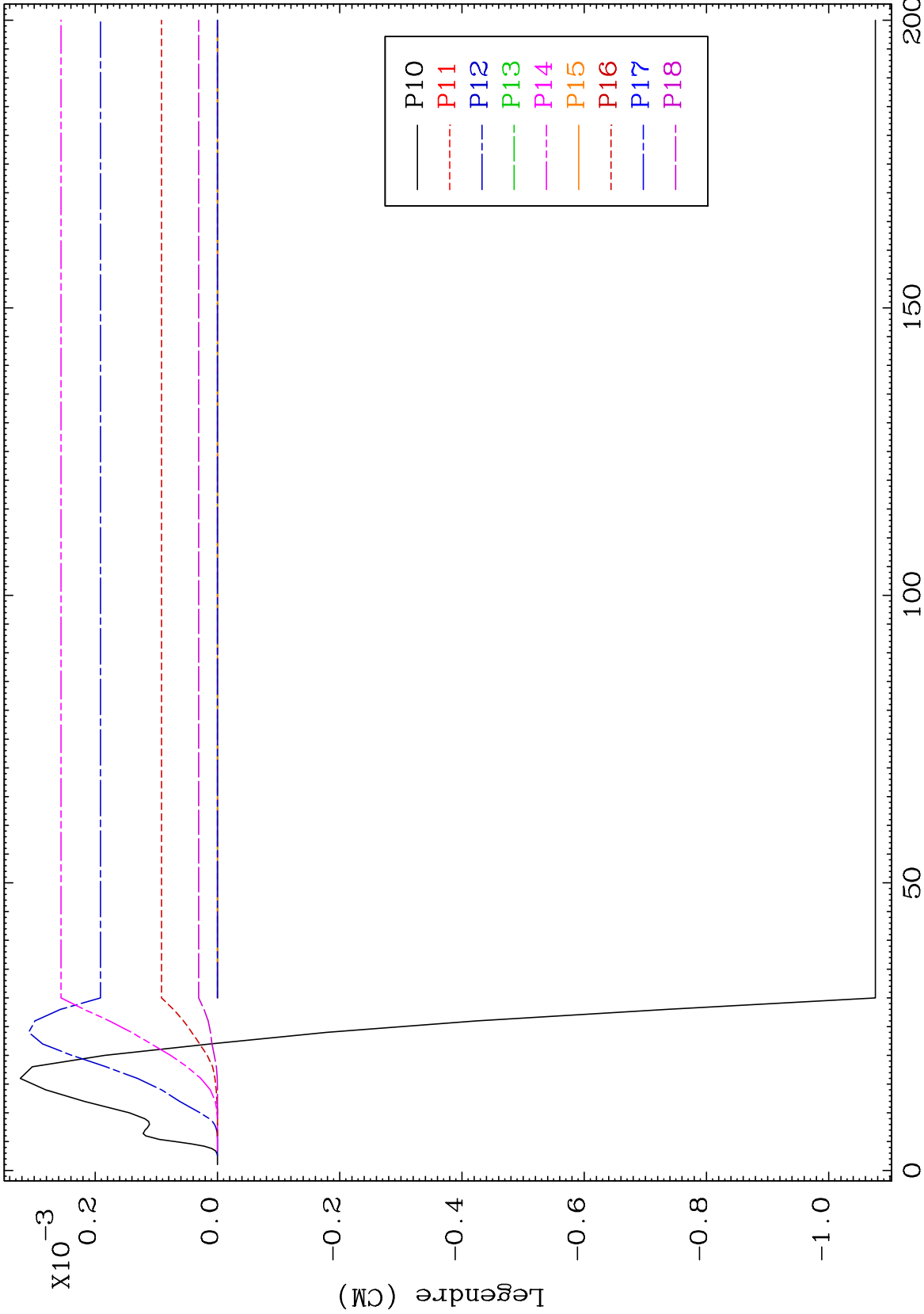
71-Lu-174



71-Lu-174

Incident Energy (MeV)

30

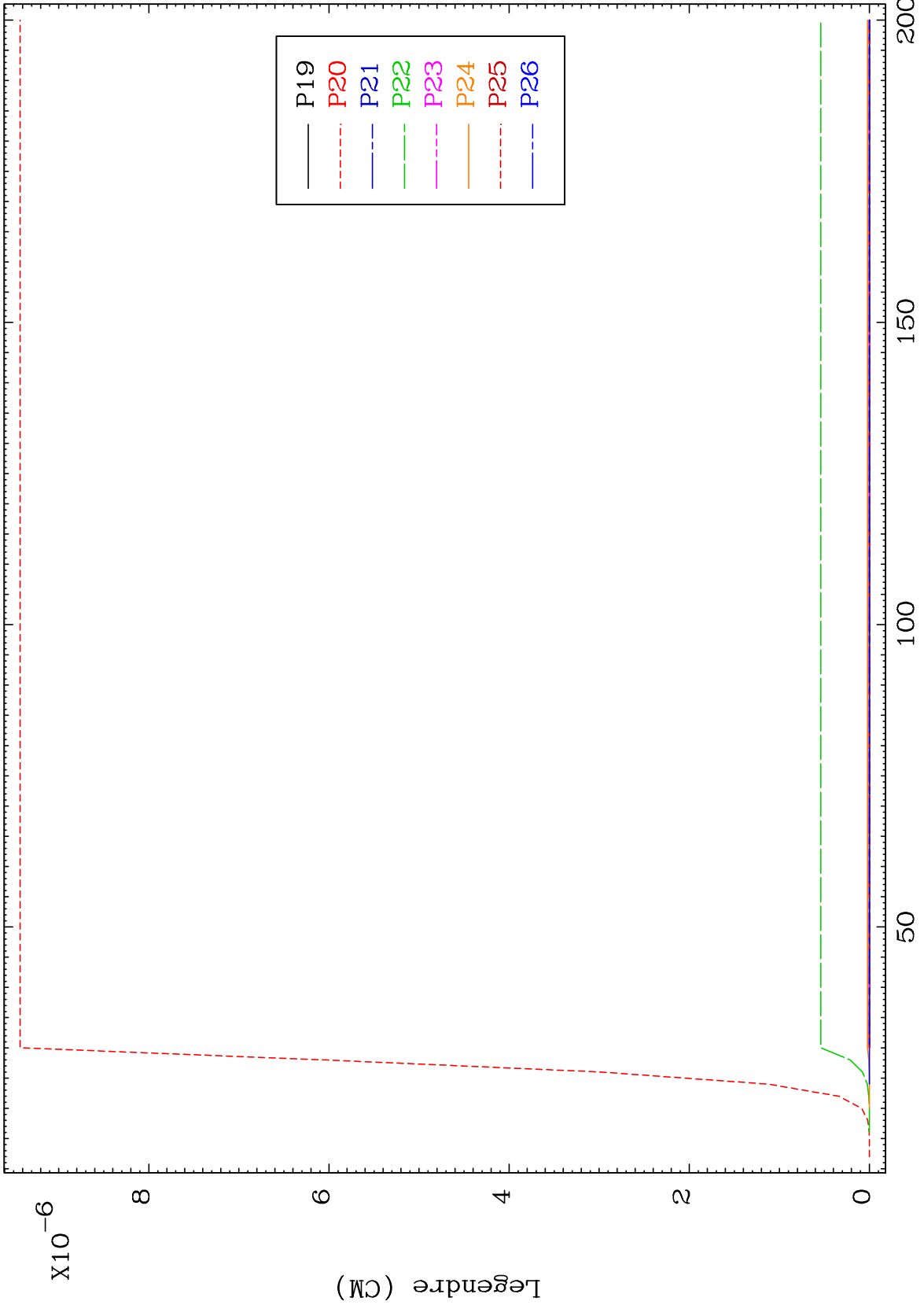




MAT 7122

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

71-Lu-174



32

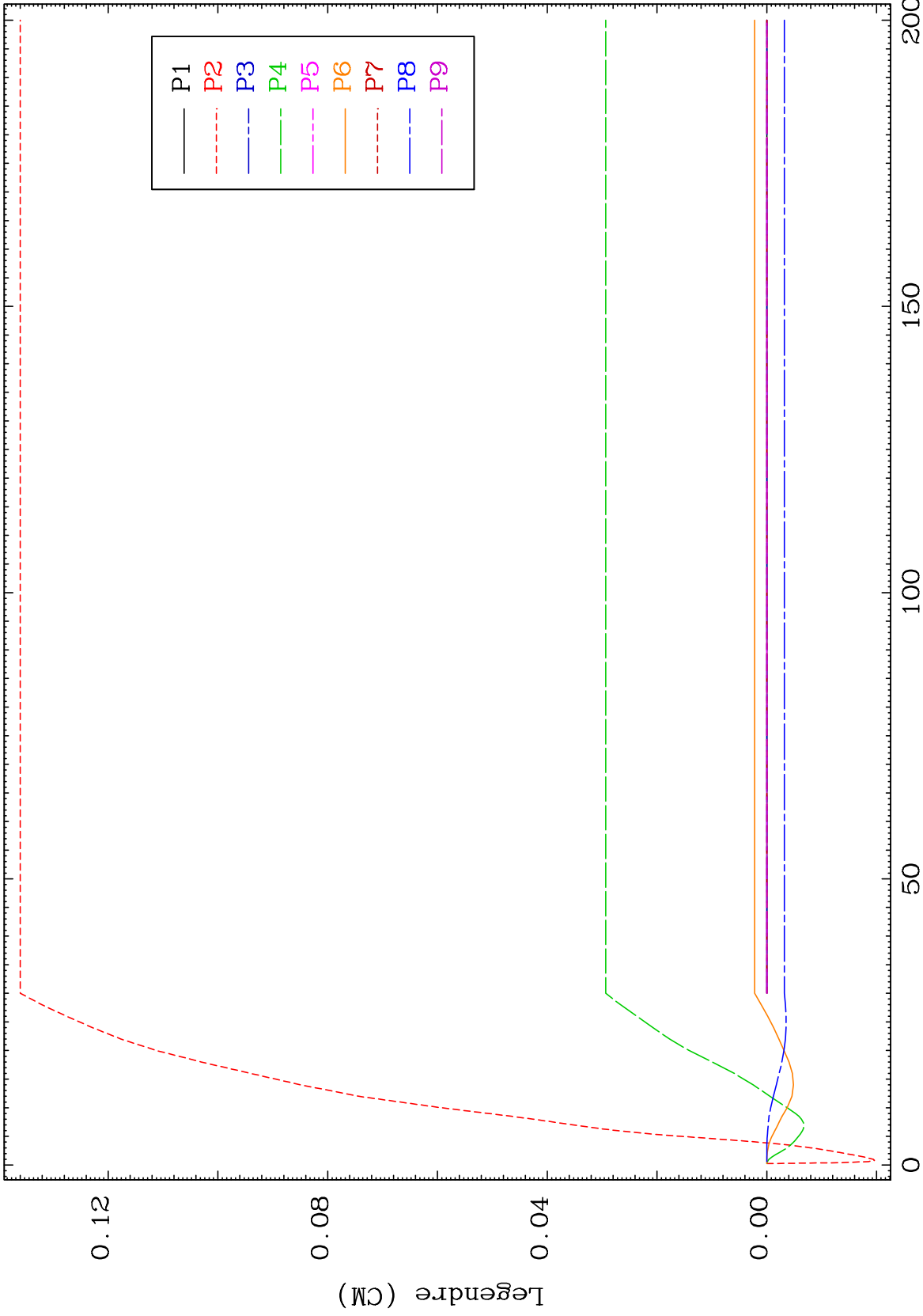
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



33

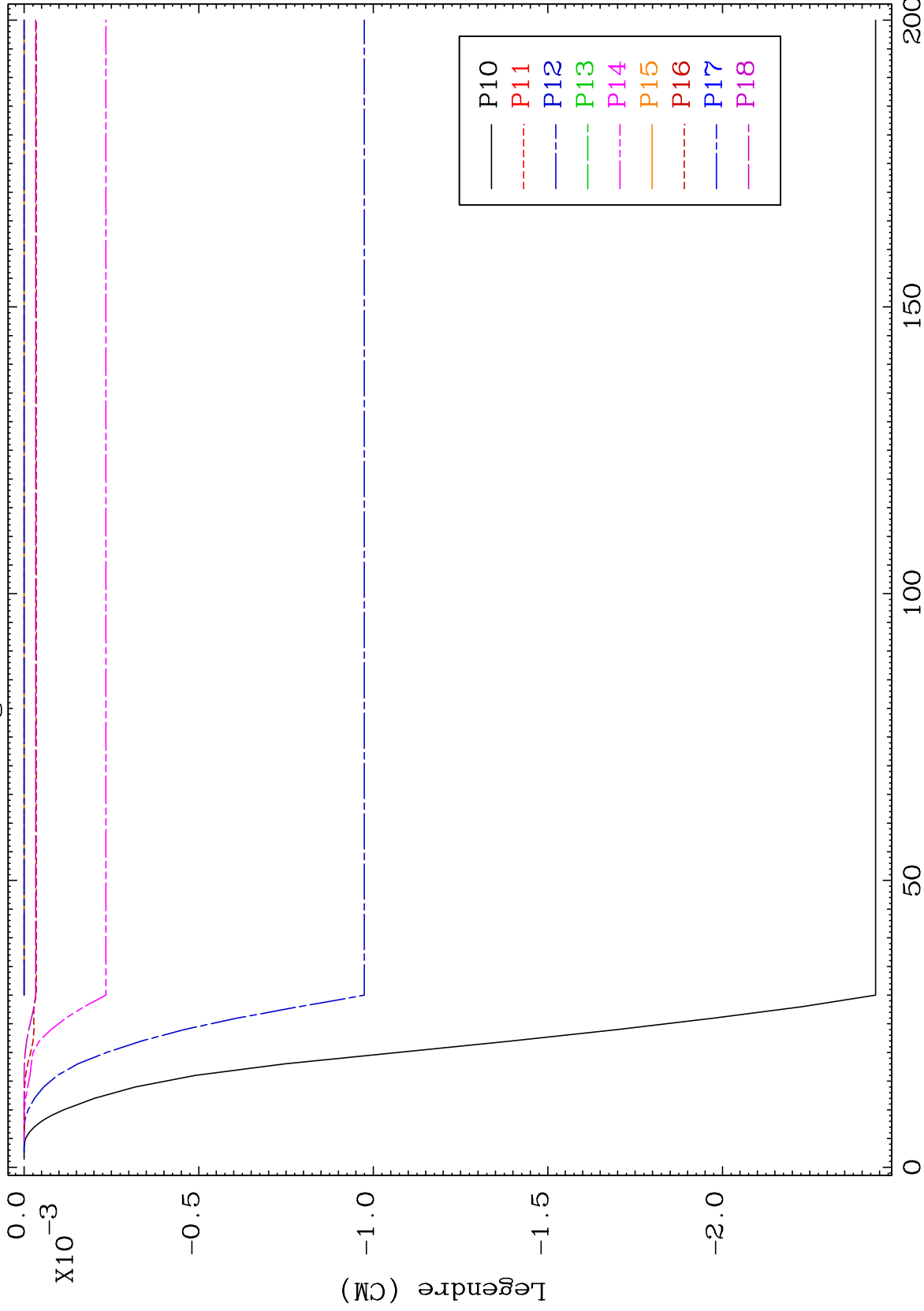
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174

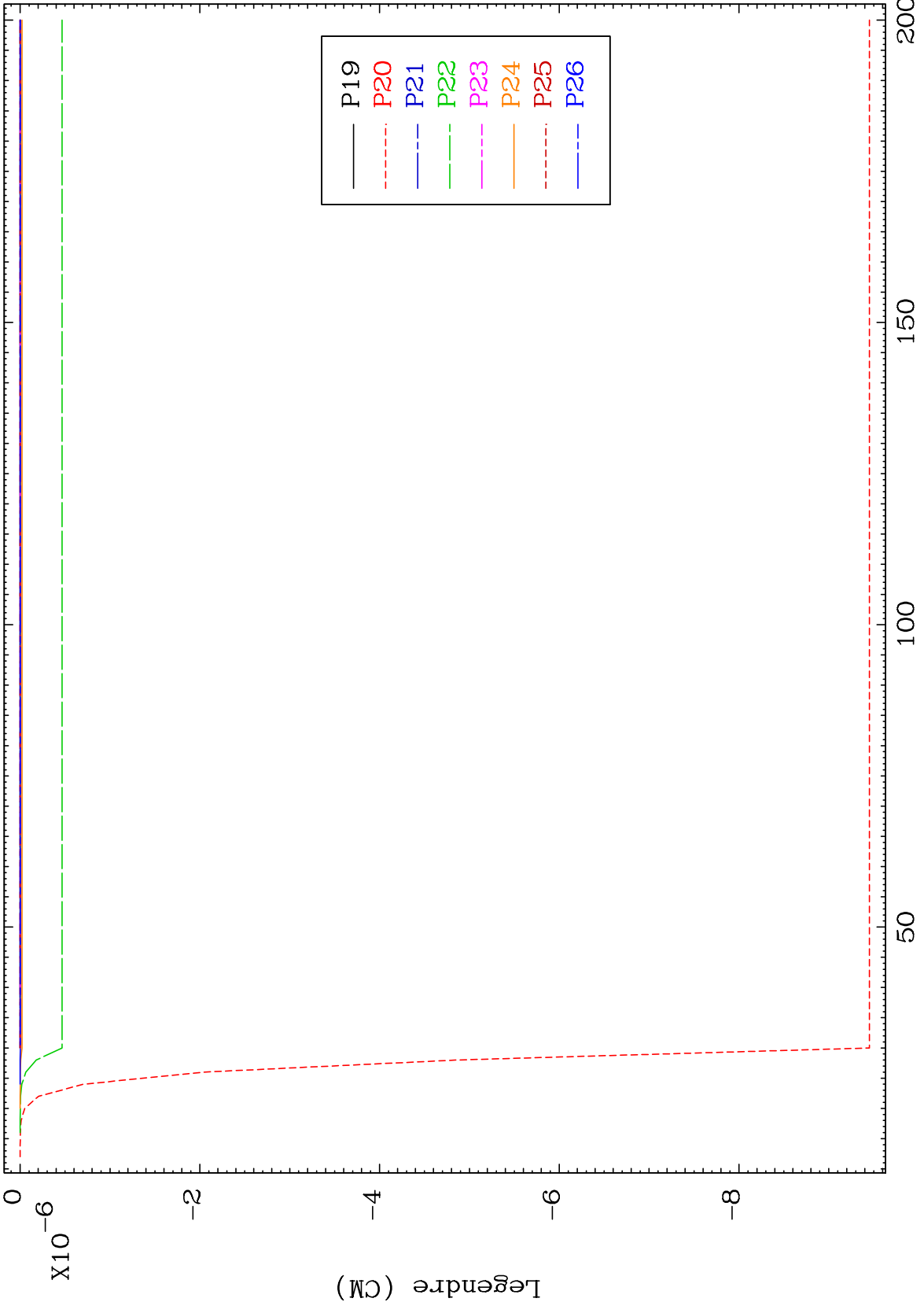


34

Incident Energy (MeV)

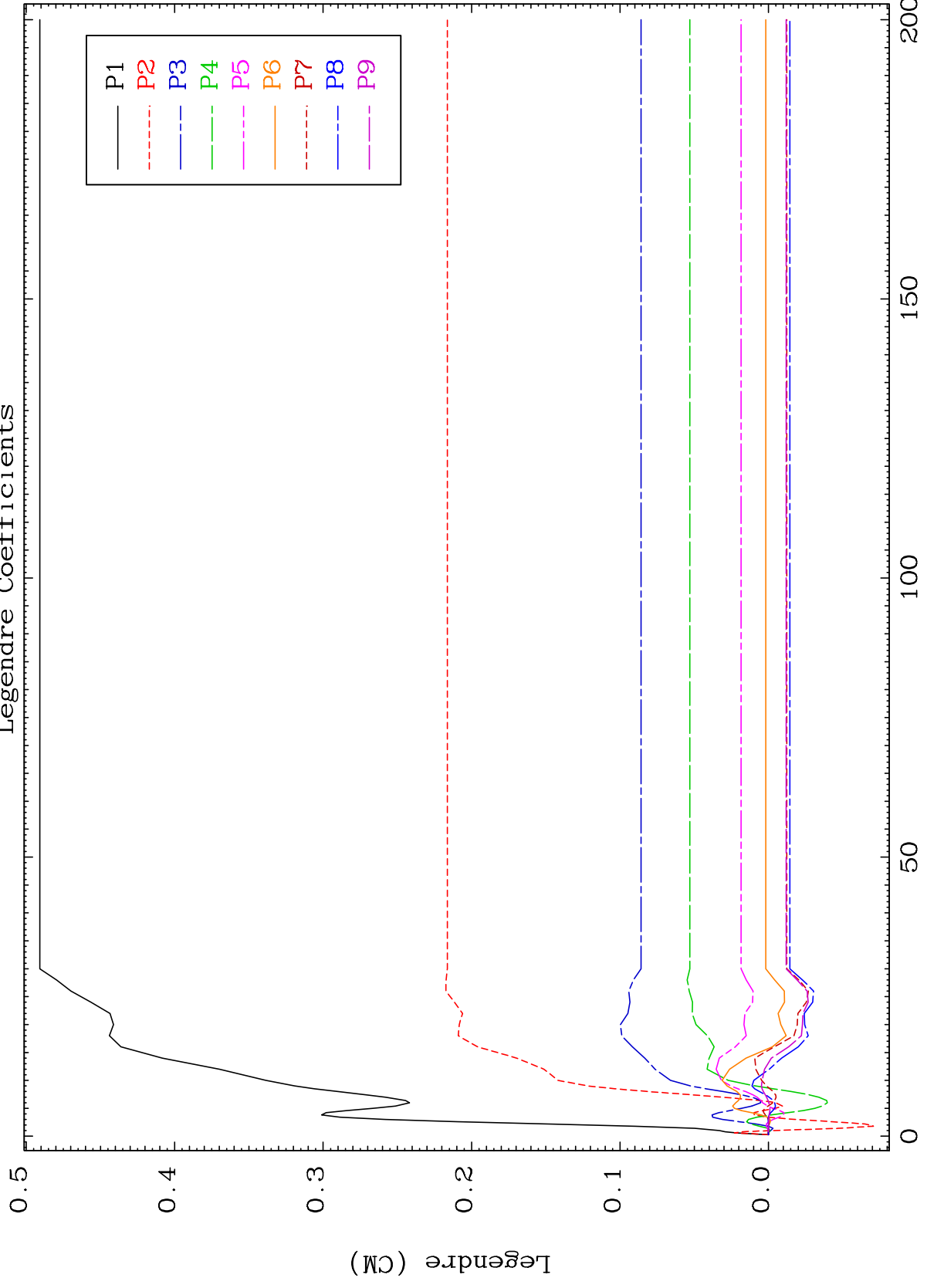
71-Lu-174

MAT 7122 MT= 55 (n,n') Level Legendre Coefficients 71-Lu-174



35 Incident Energy (MeV) 200 71-Lu-174

MAT 7122 MT= 56 (n,n') Level Legendre Coefficients 71-Lu-174

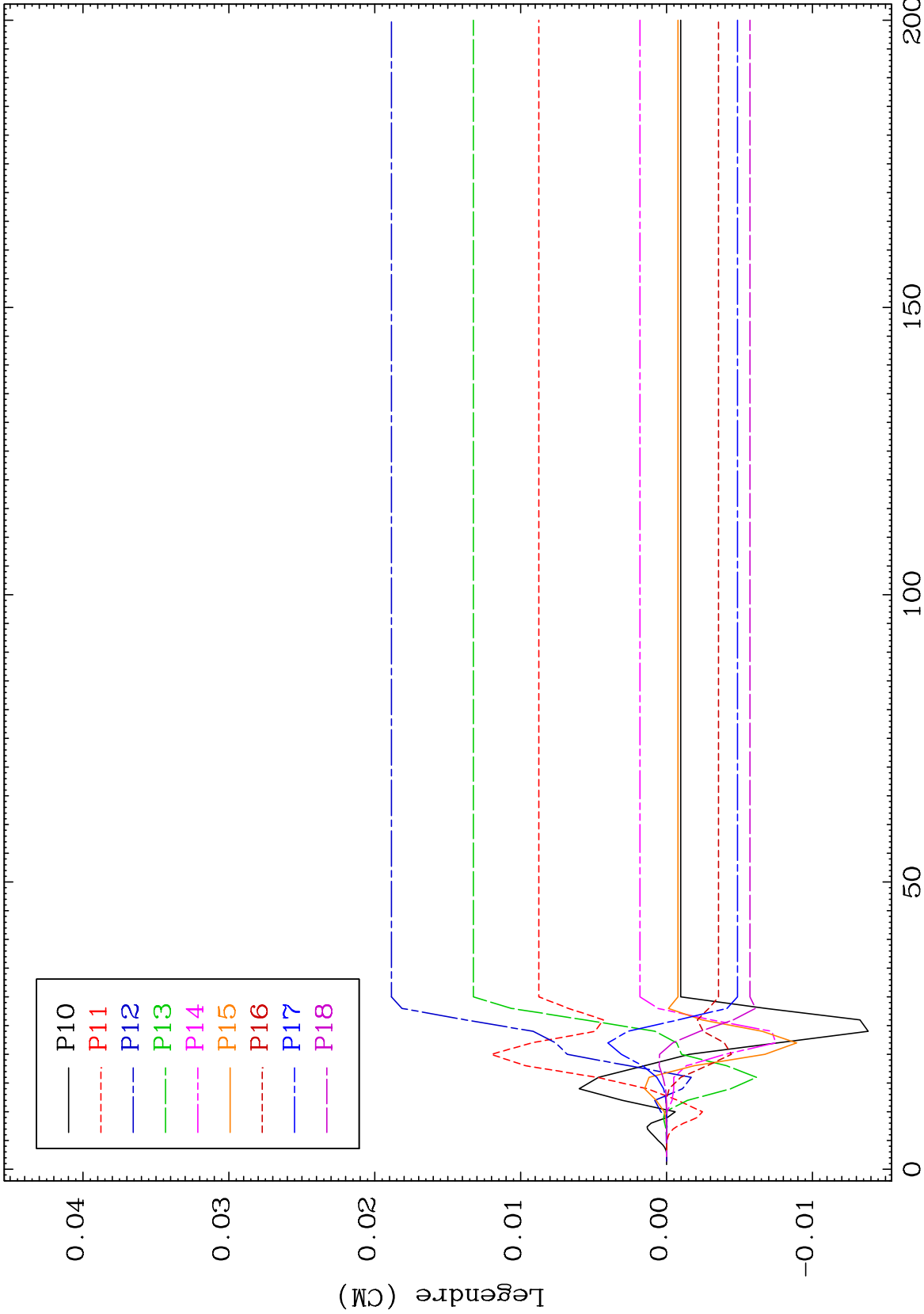


36 71-Lu-174

MAT 7122

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

71-Lu-174



37

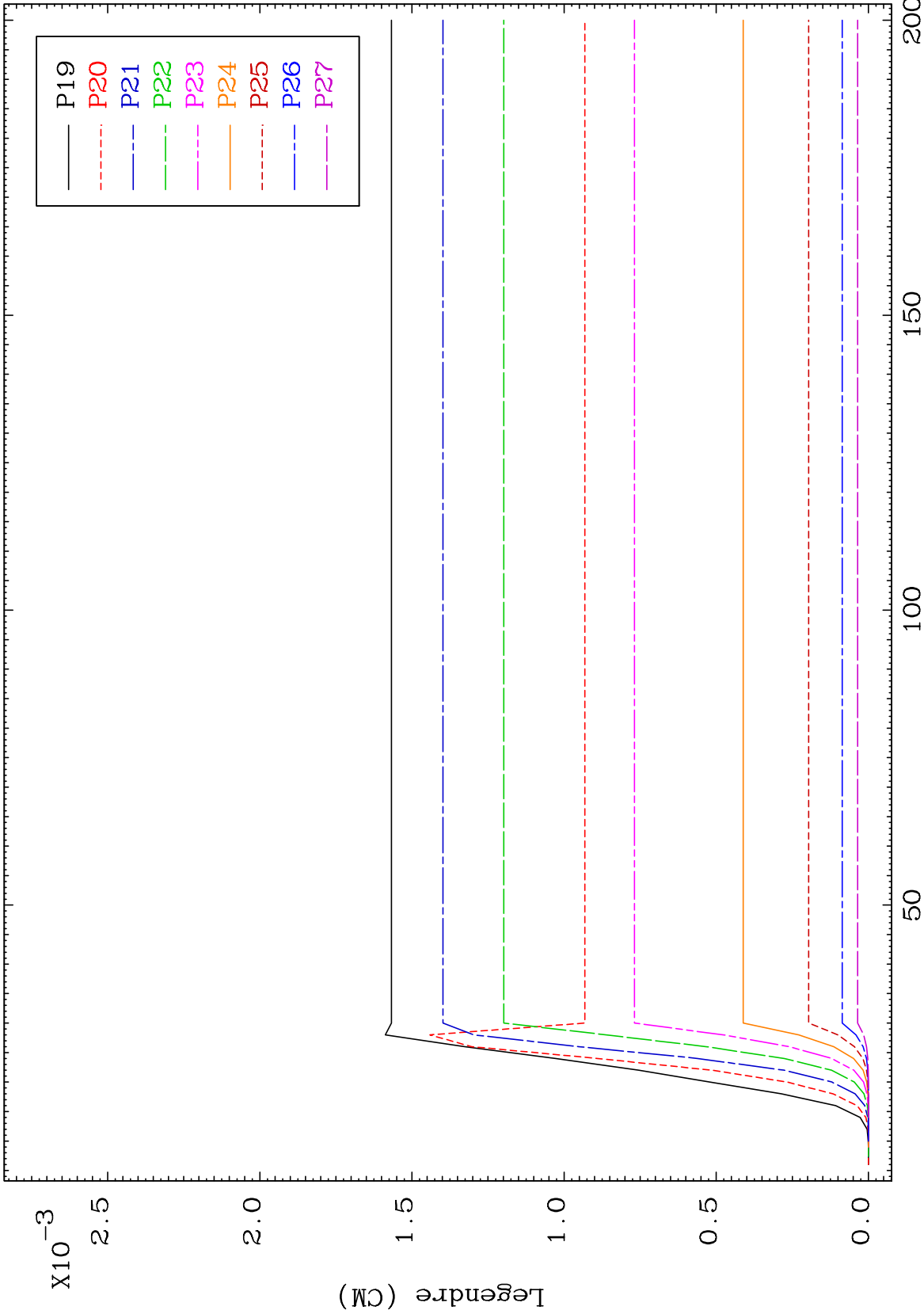
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



38

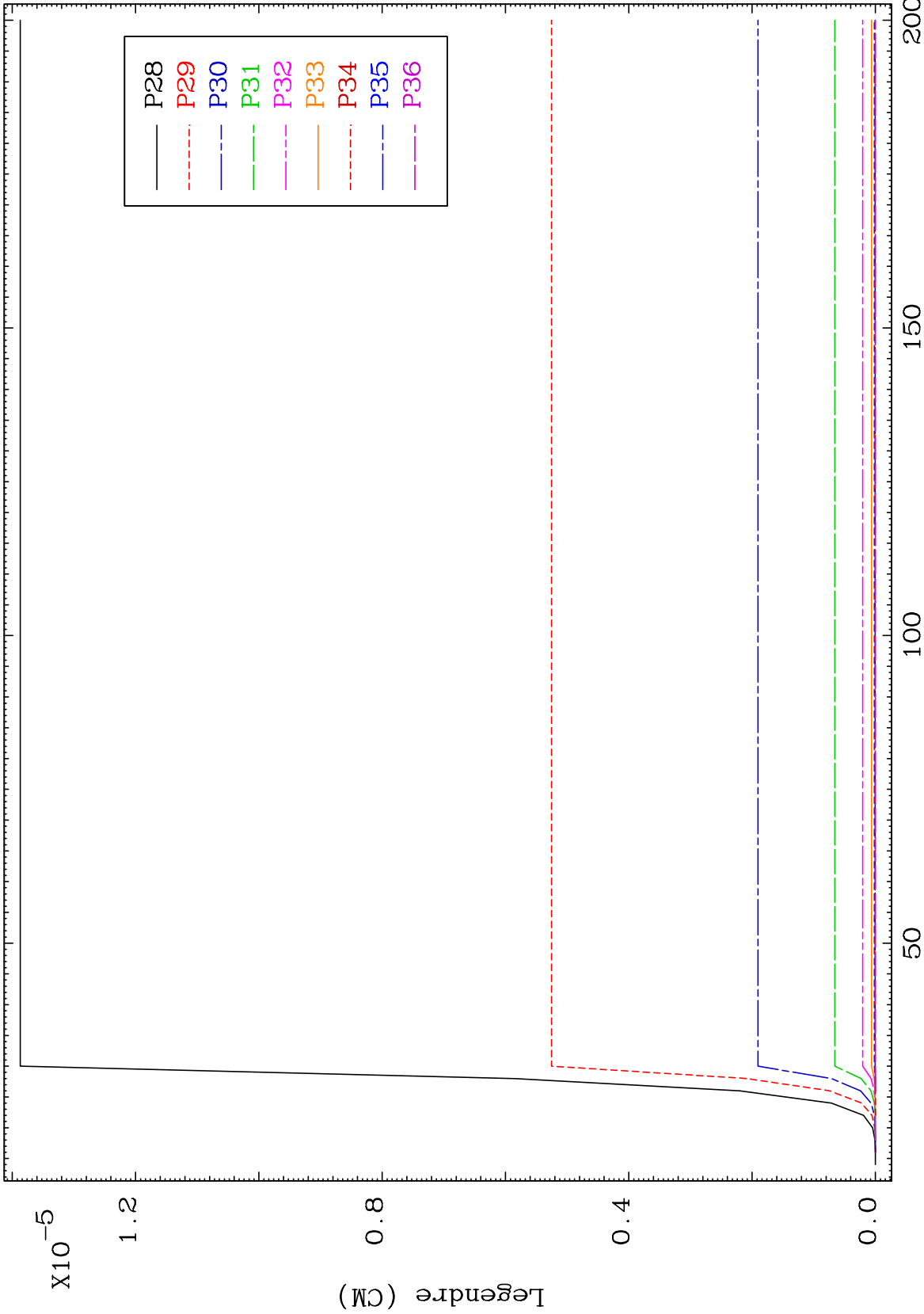
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



39

Incident Energy (MeV)

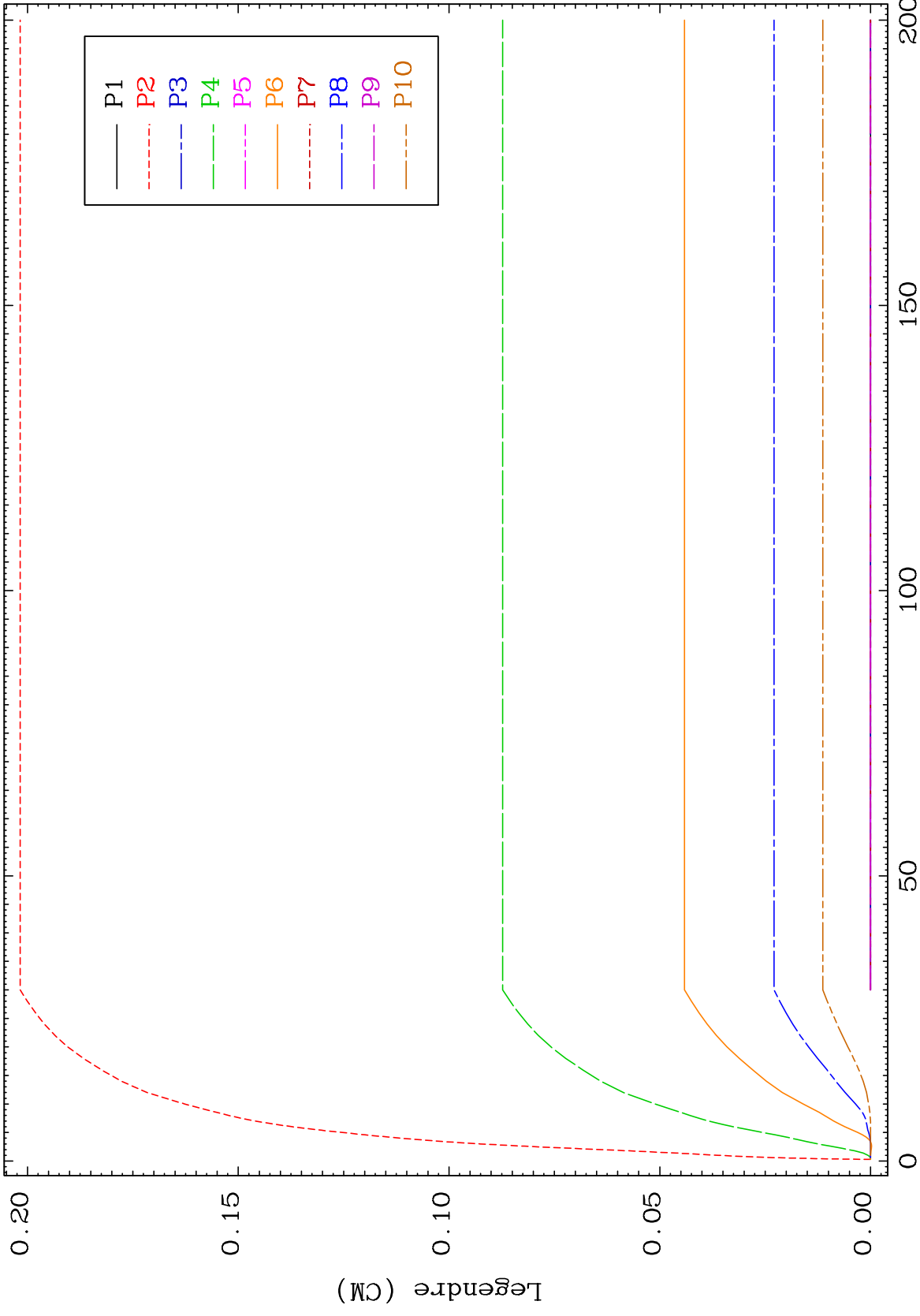
71-Lu-174



MAT 7122

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

71-Lu-174



40

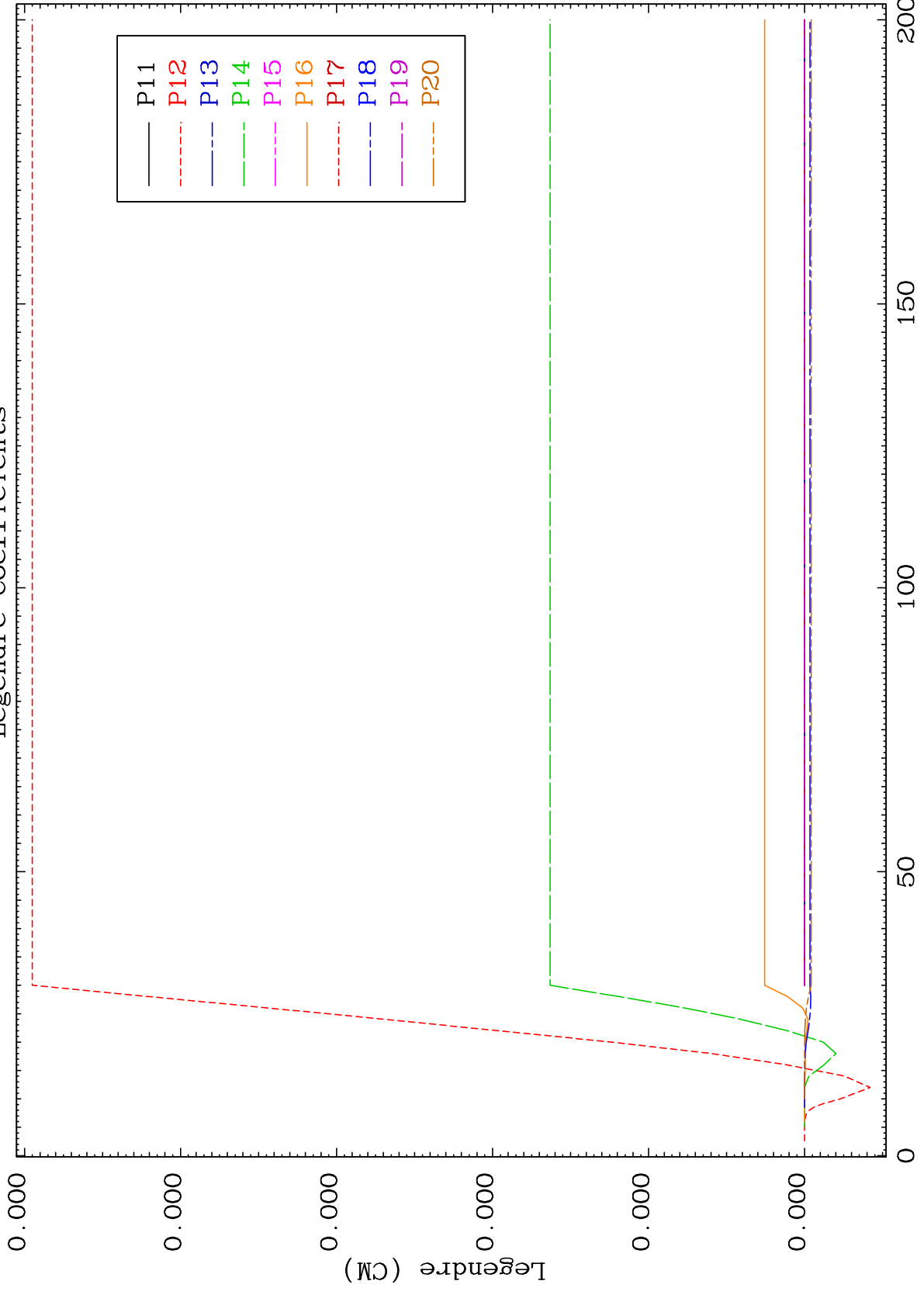
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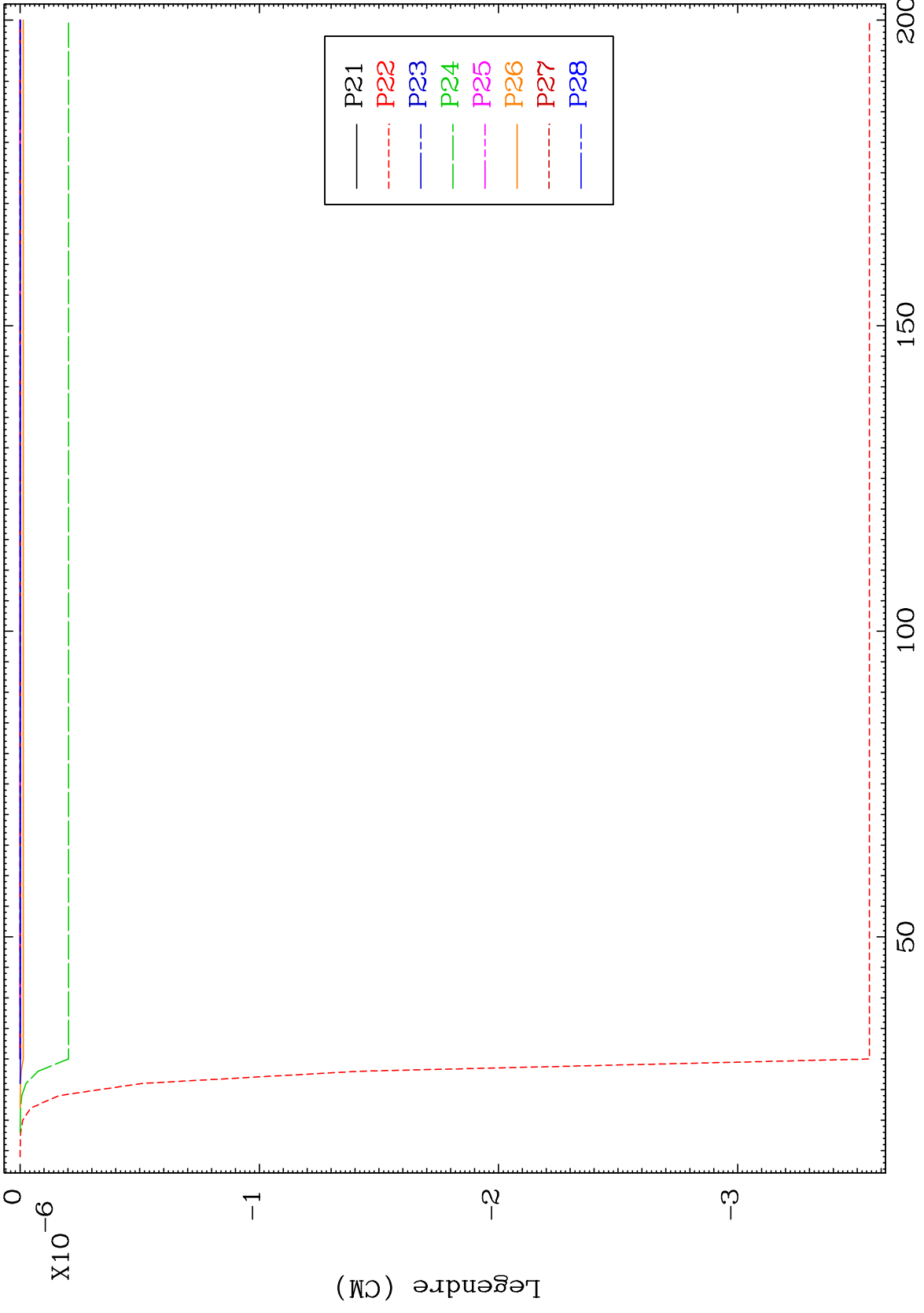
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MAT 7122 MT= 57 (n,n') Level Legendre Coefficients 71-Lu-174



41 71-Lu-174

MAT 7122 MT= 57 (n,n') Level Legendre Coefficients 71-Lu-174

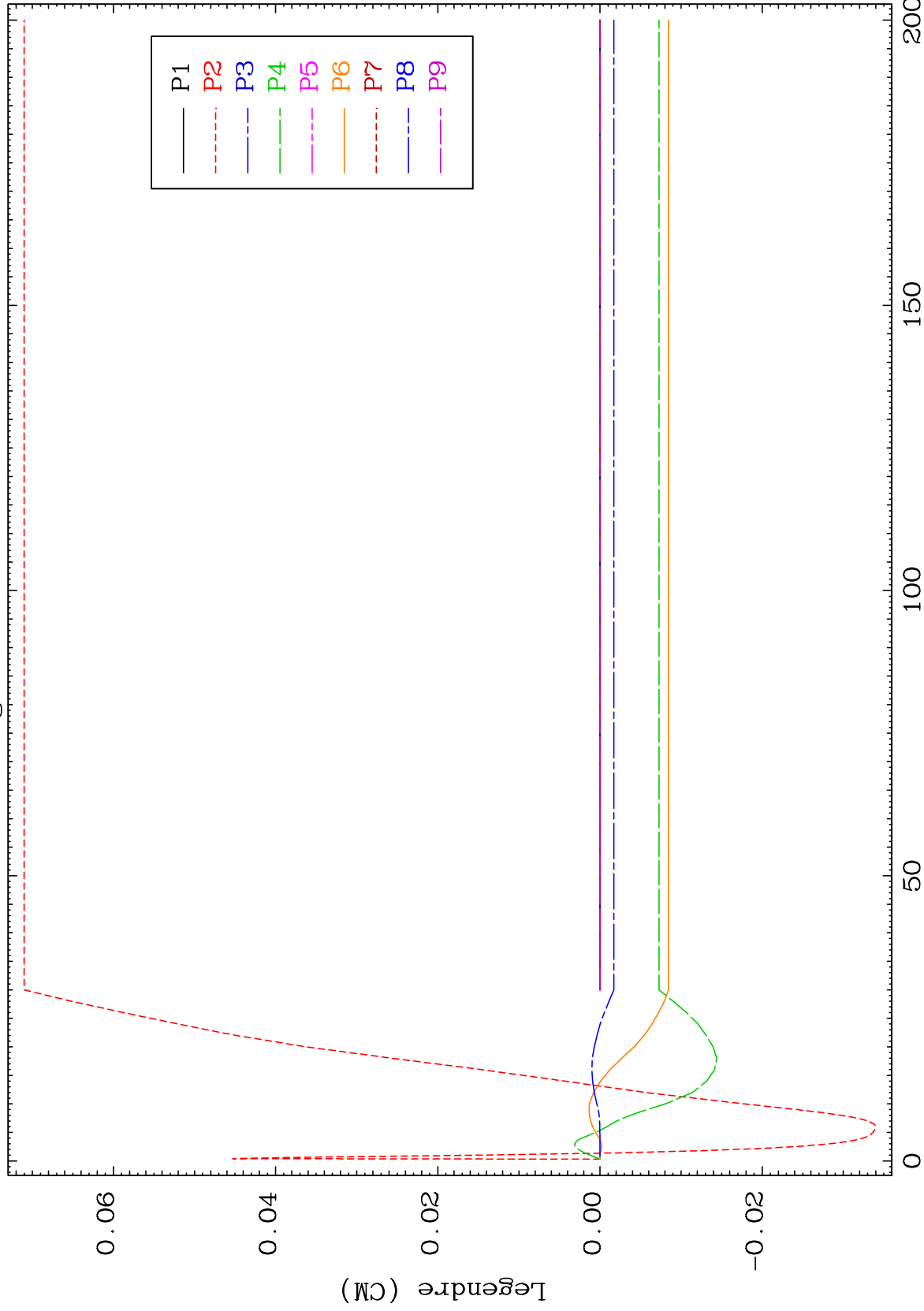


42 71-Lu-174

MAT 7122

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

71-Lu-174



43

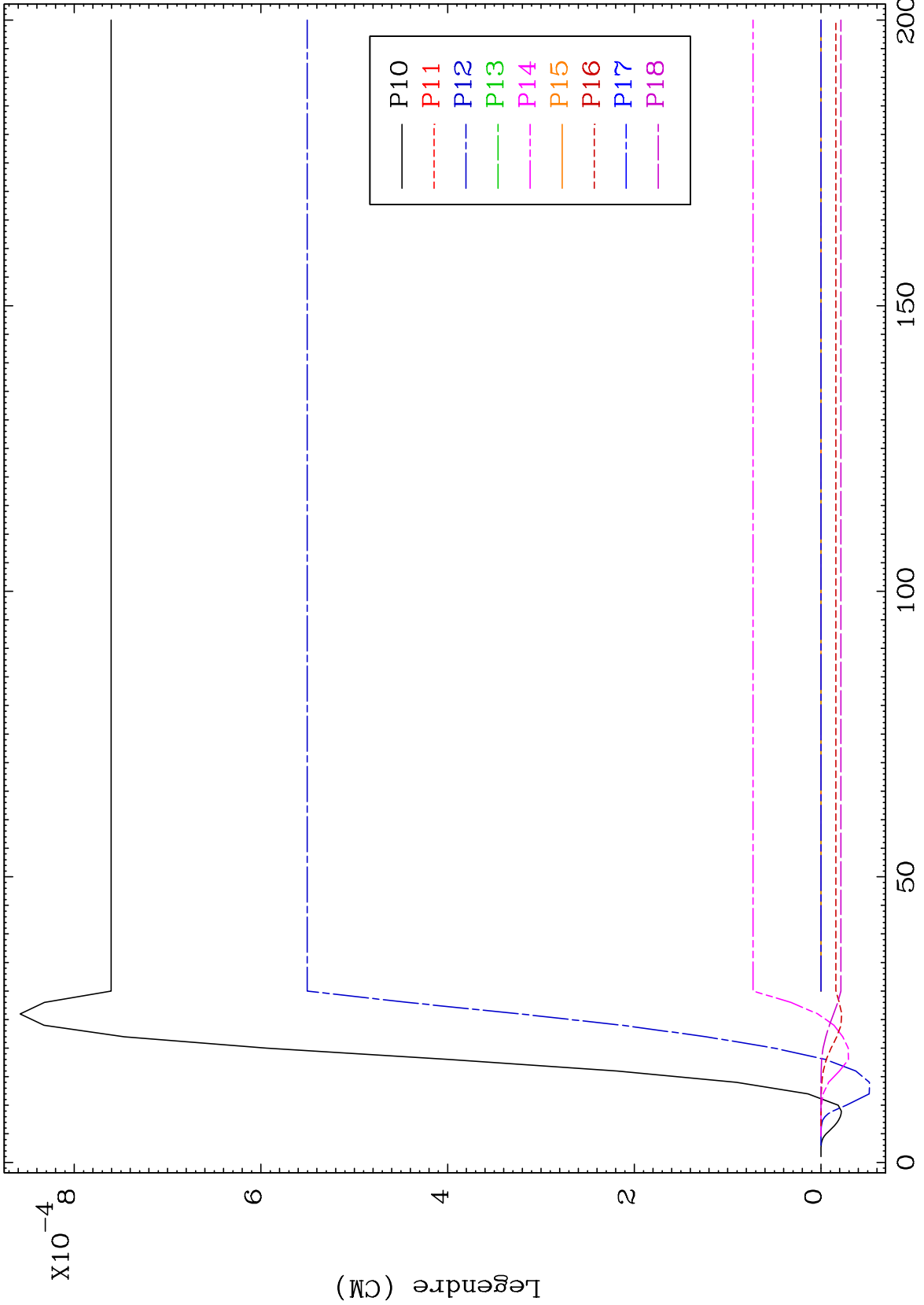
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

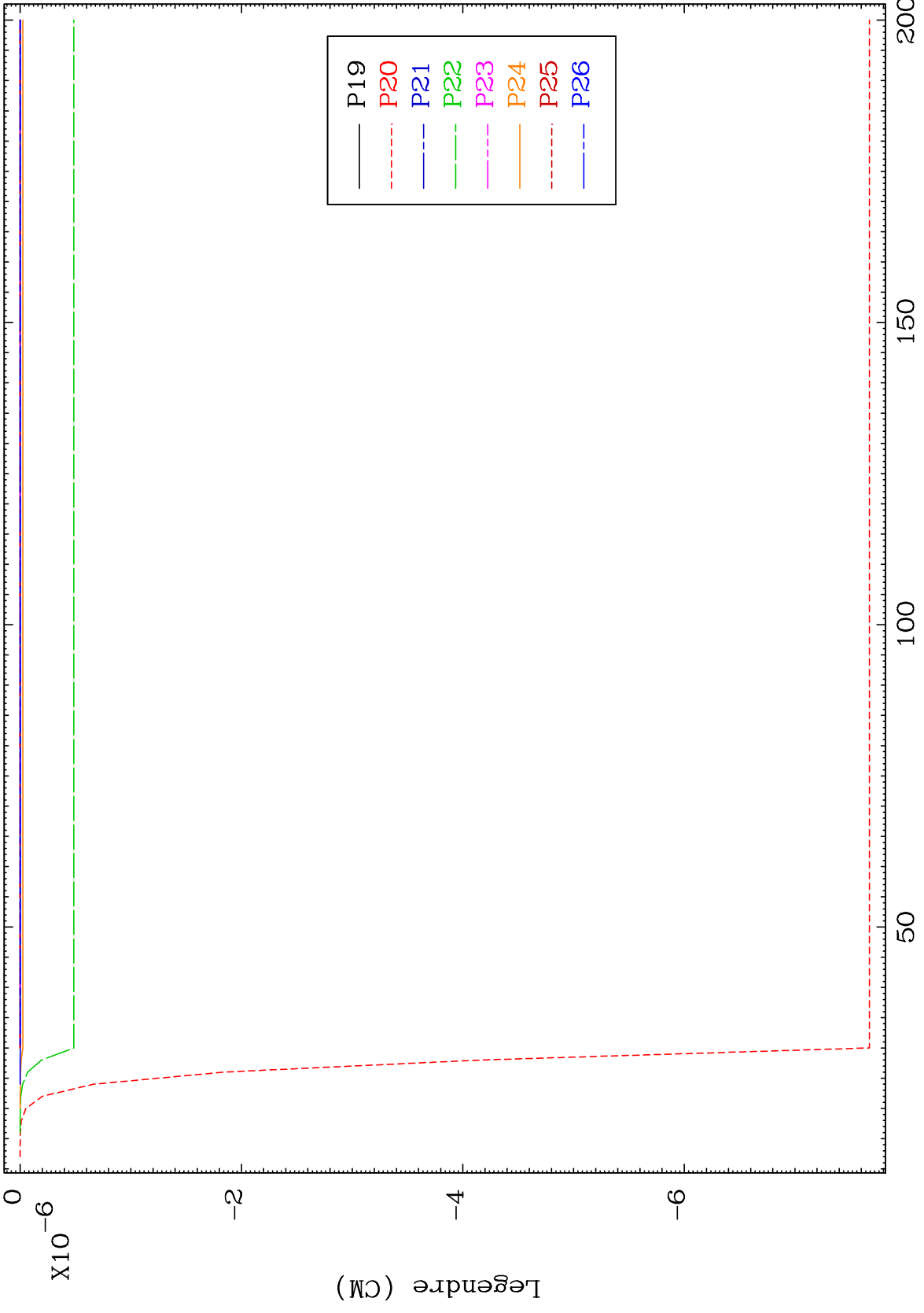
71-Lu-174



44

71-Lu-174

MAT 7122 MT= 58 (n,n') Level Legendre Coefficients 71-Lu-174

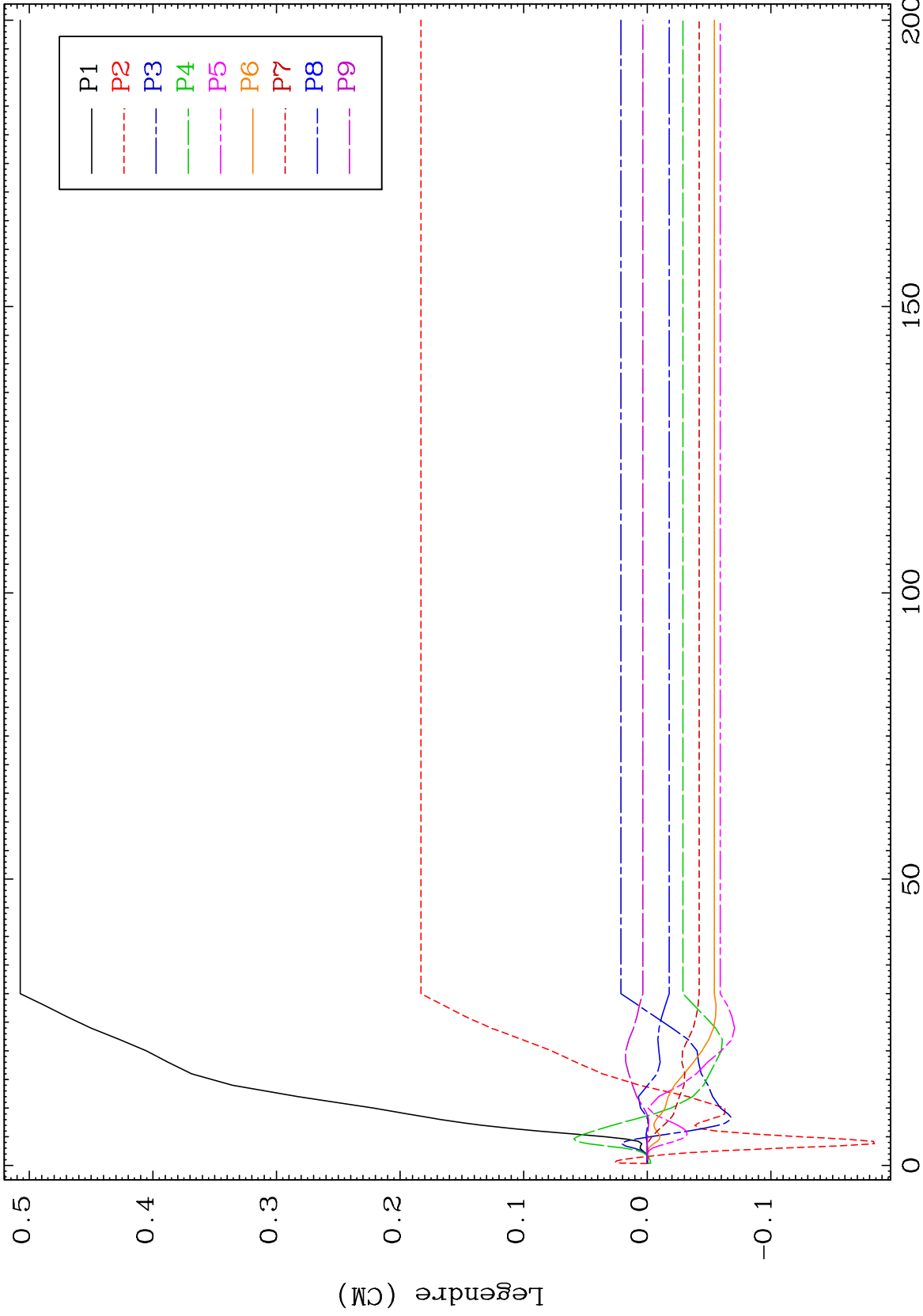


45 Incident Energy (MeV) 71-Lu-174

MAT 7122

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

71-Lu-174



46

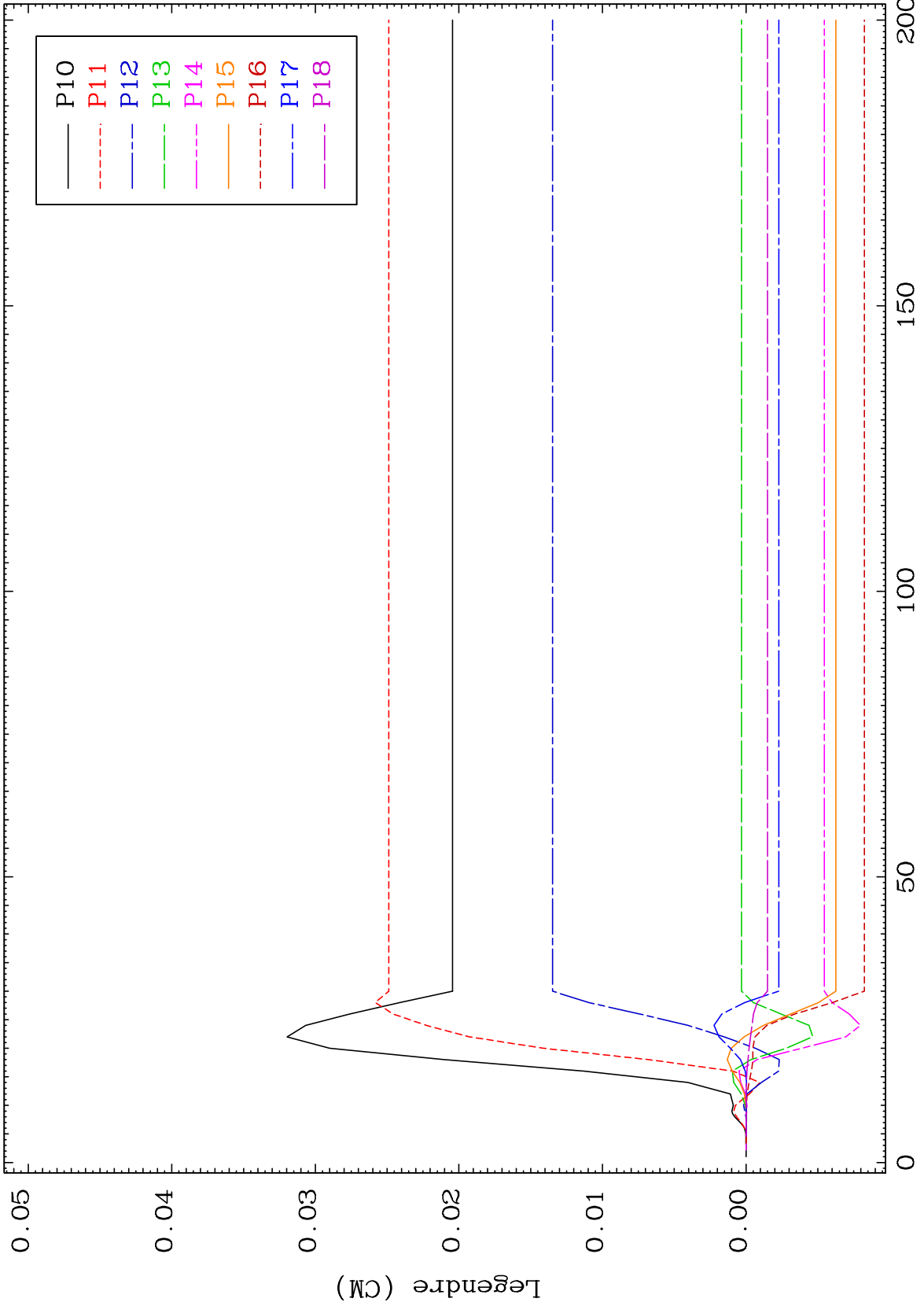
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



47

Incident Energy (MeV)

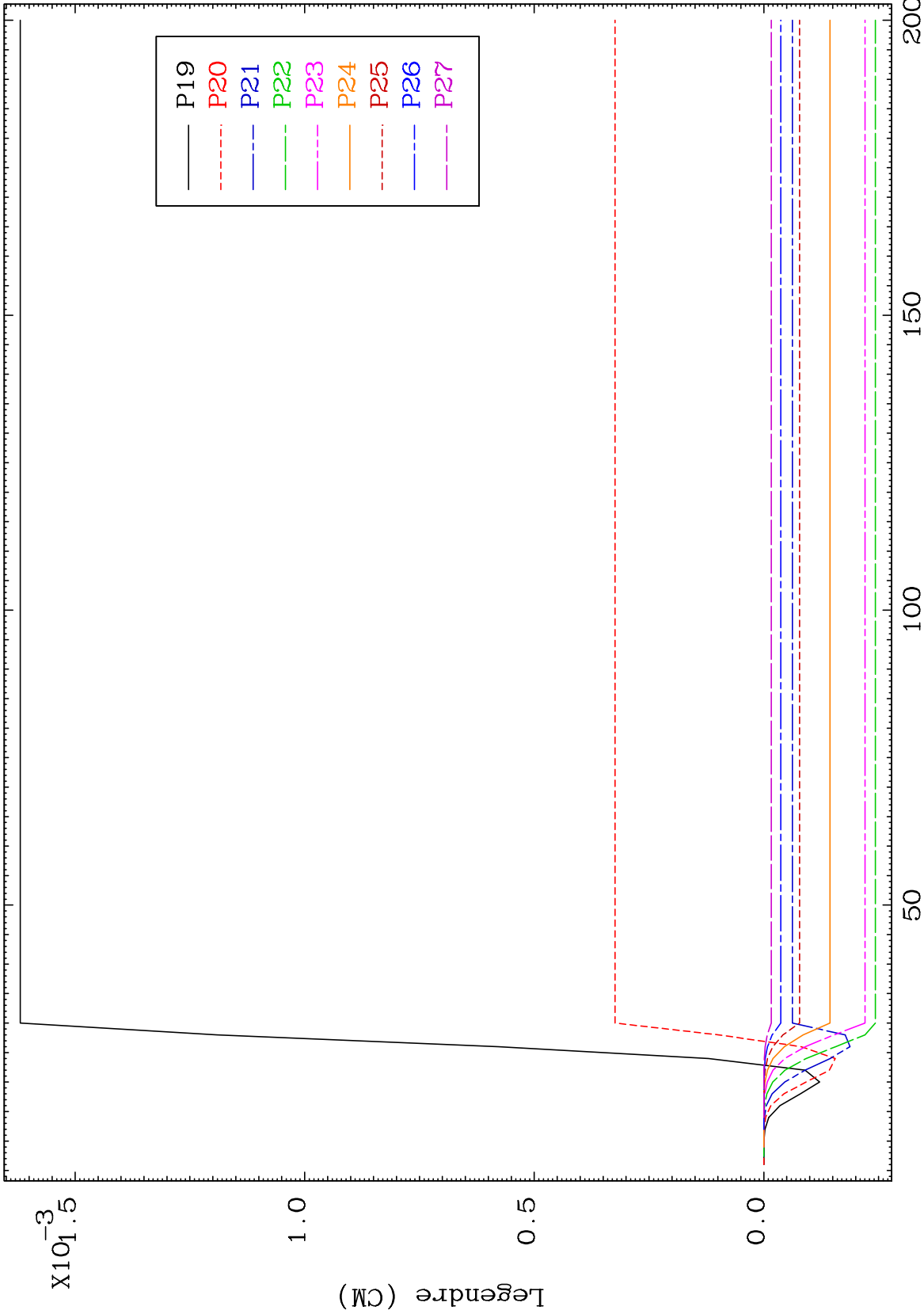
71-Lu-174



MAT 7122

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

71-Lu-174



48

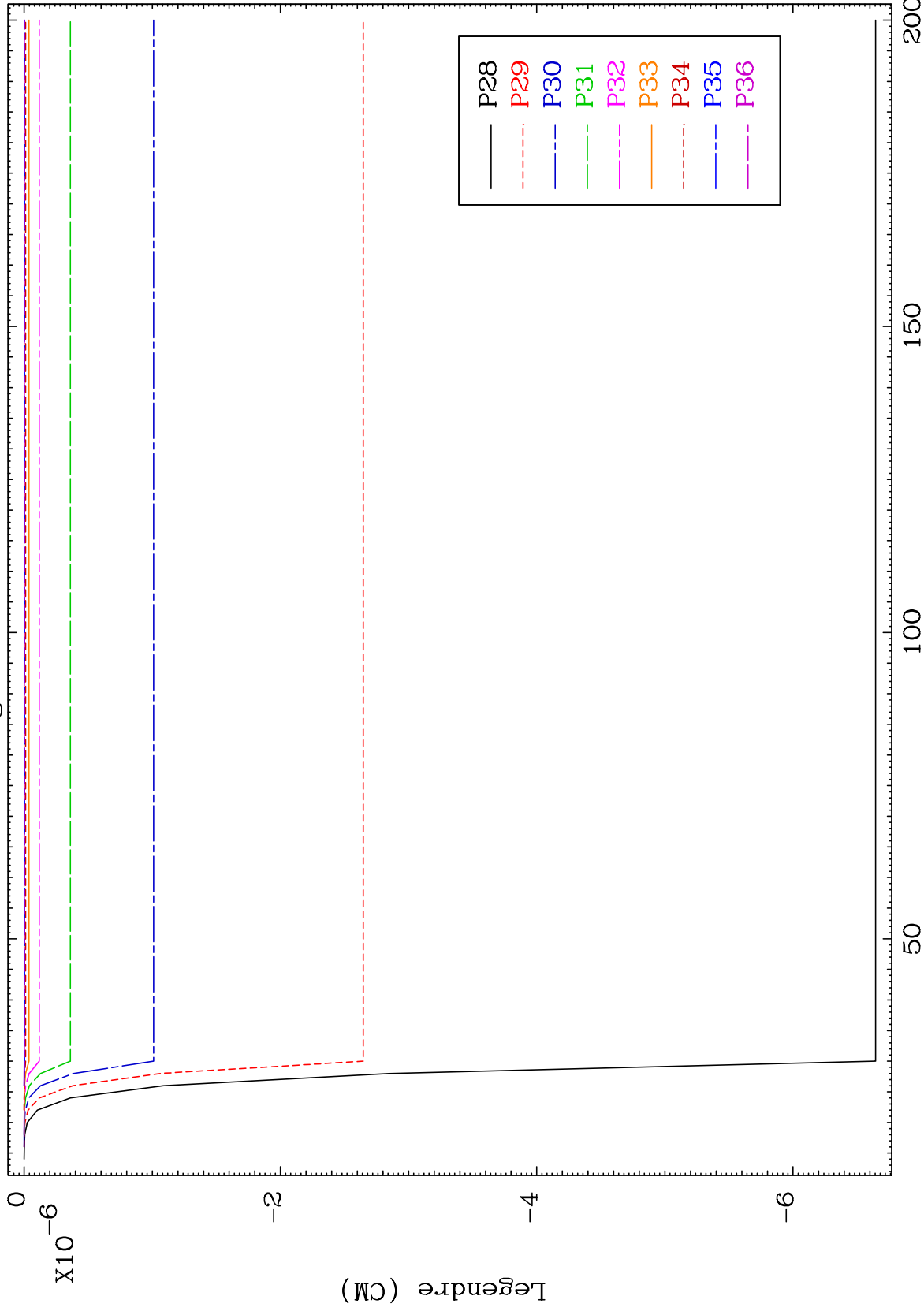
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



49

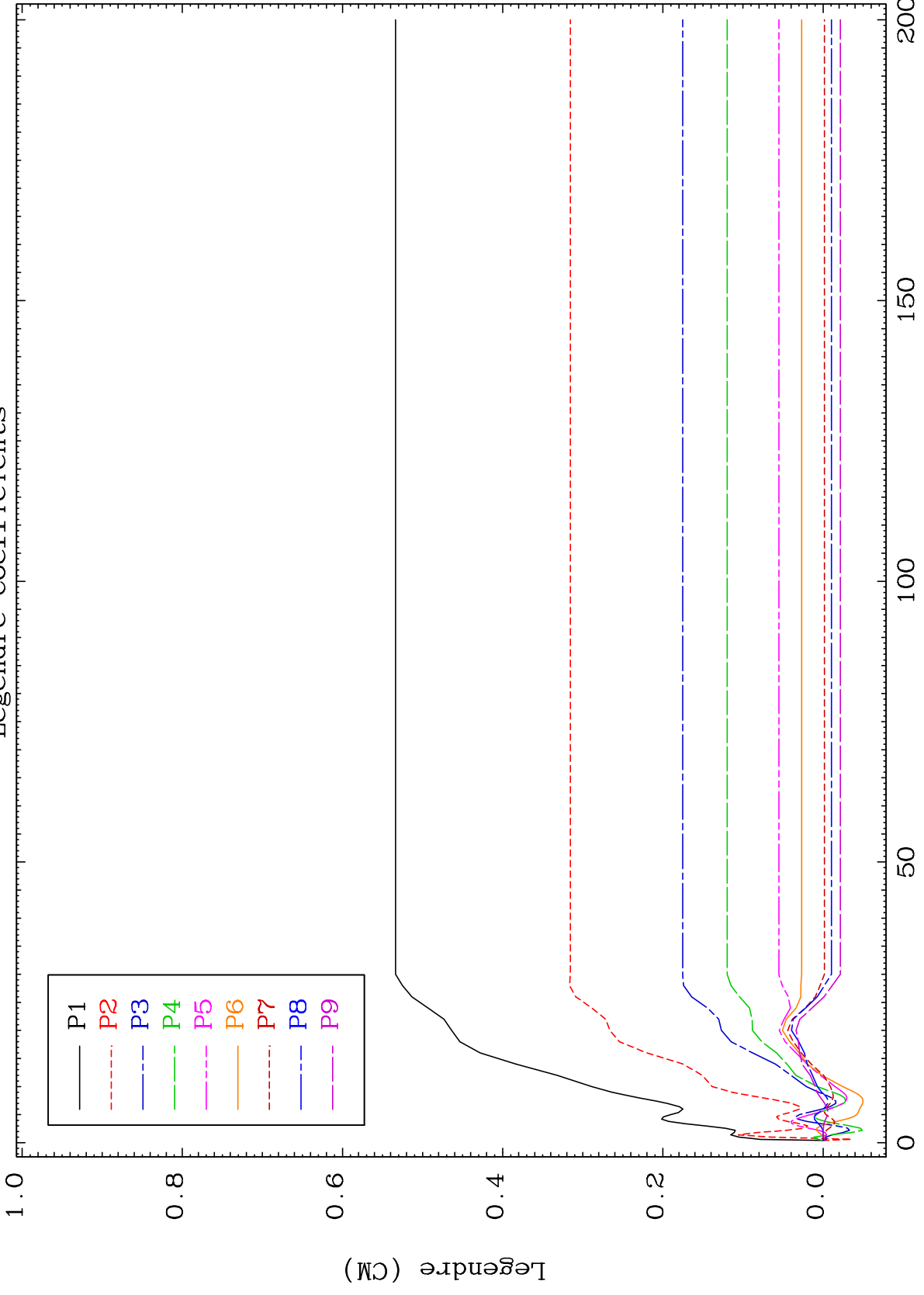
Incident Energy (MeV)

71-Lu-174

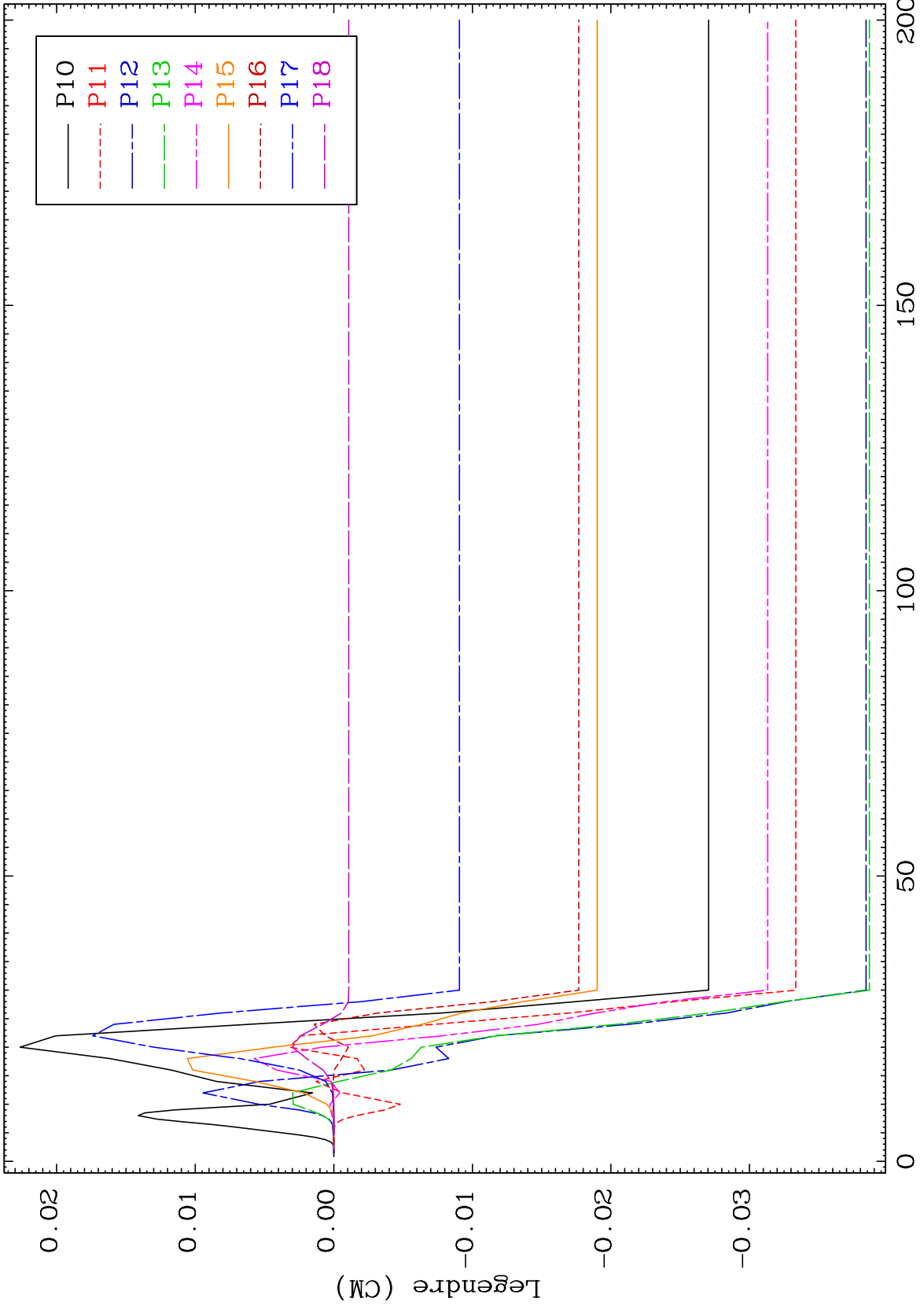
MAT 7122

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

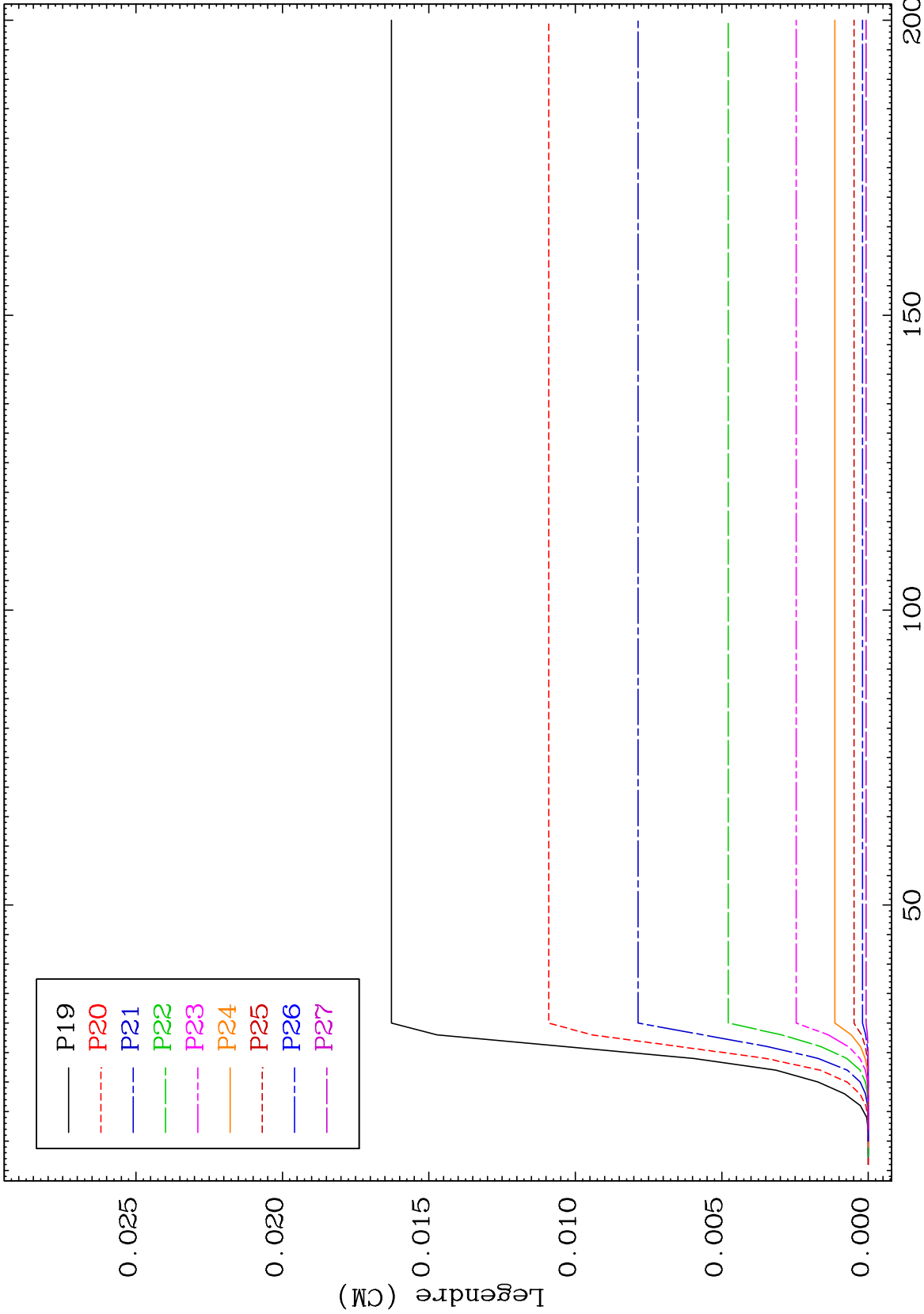
71-Lu-174



MAT 7122 MT= 60 (n,n') Level Legendre Coefficients 71-Lu-174



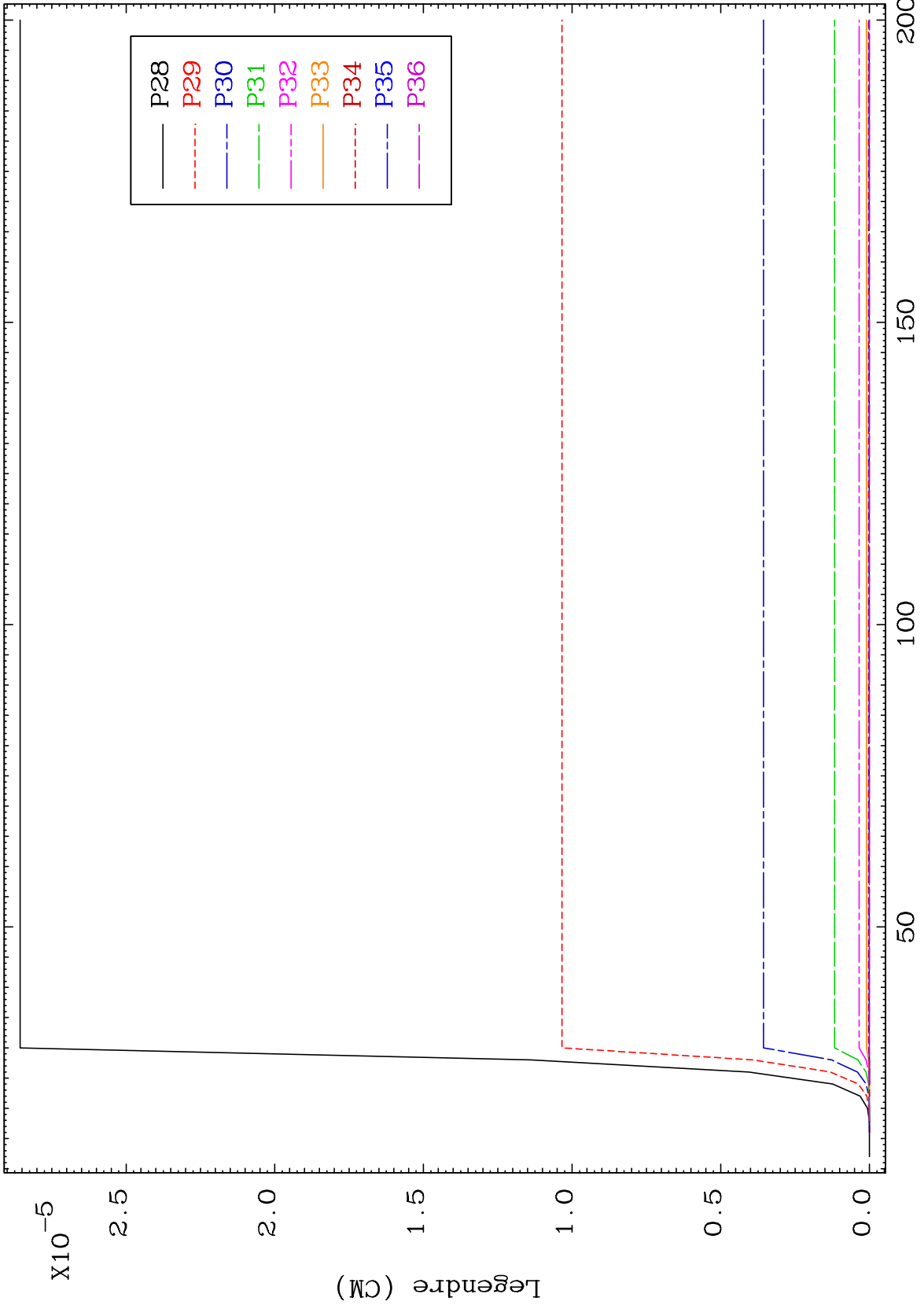
51 71-Lu-174



MAT 7122

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

71-Lu-174



53

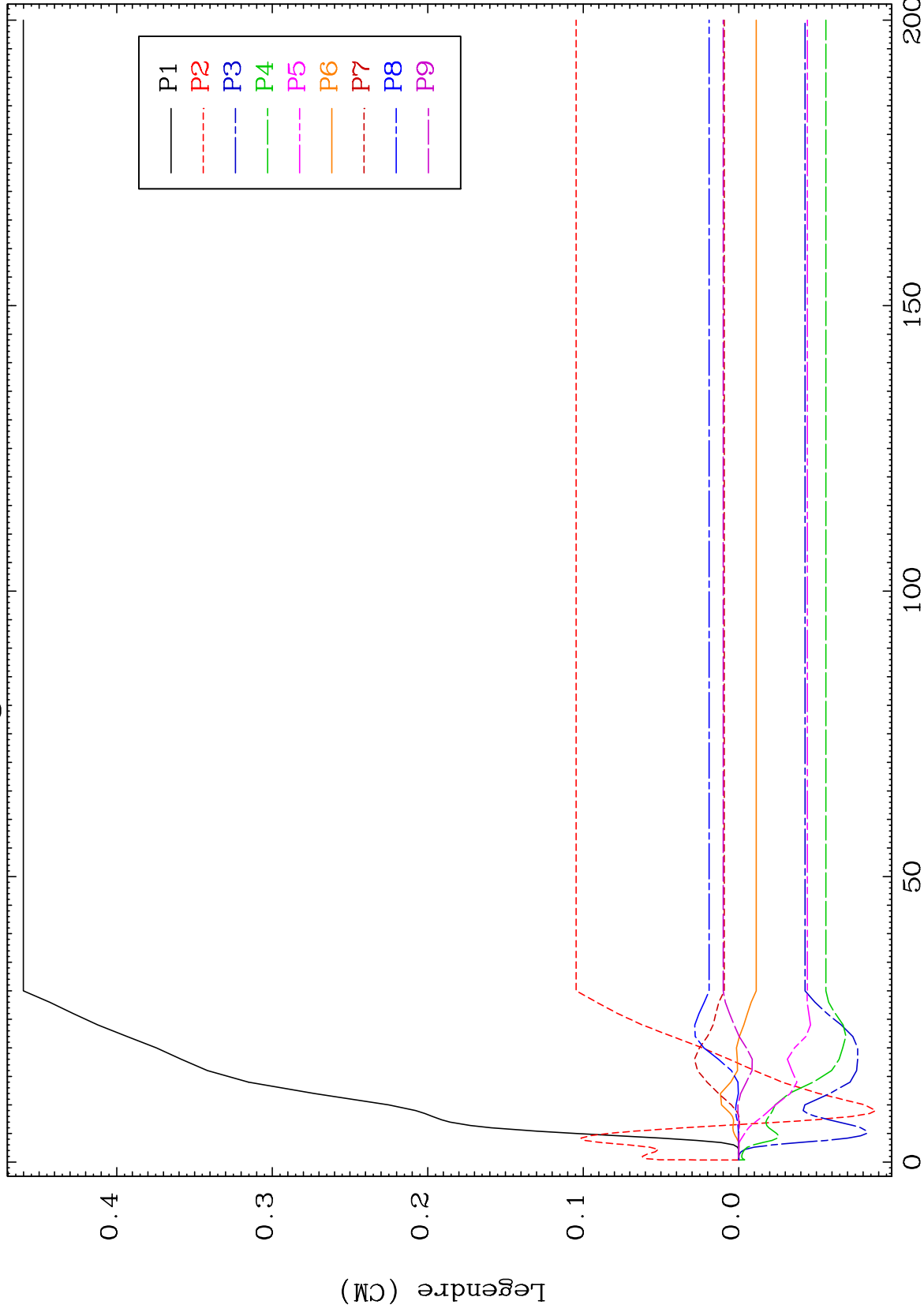
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



54

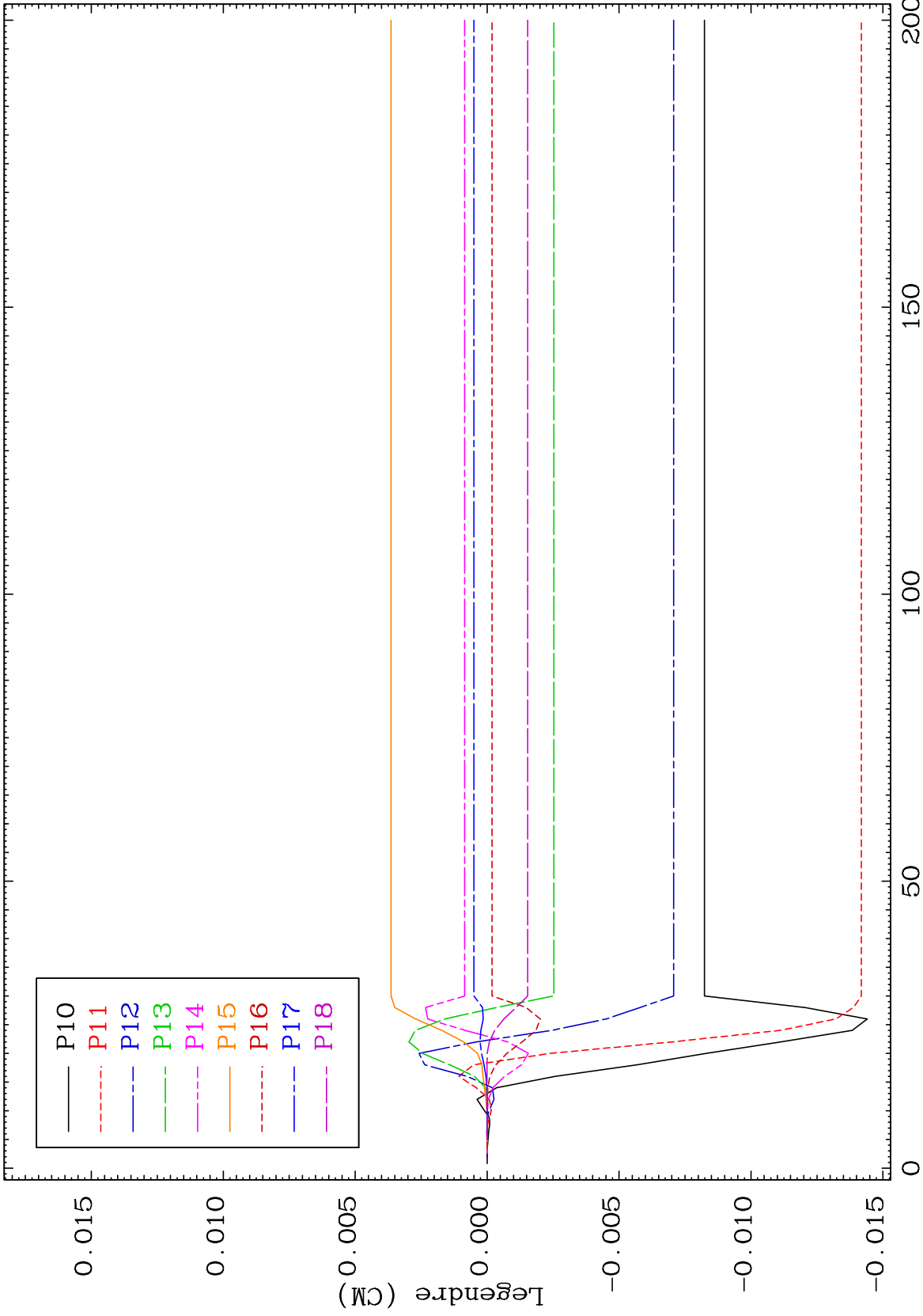
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



55

Incident Energy (MeV)

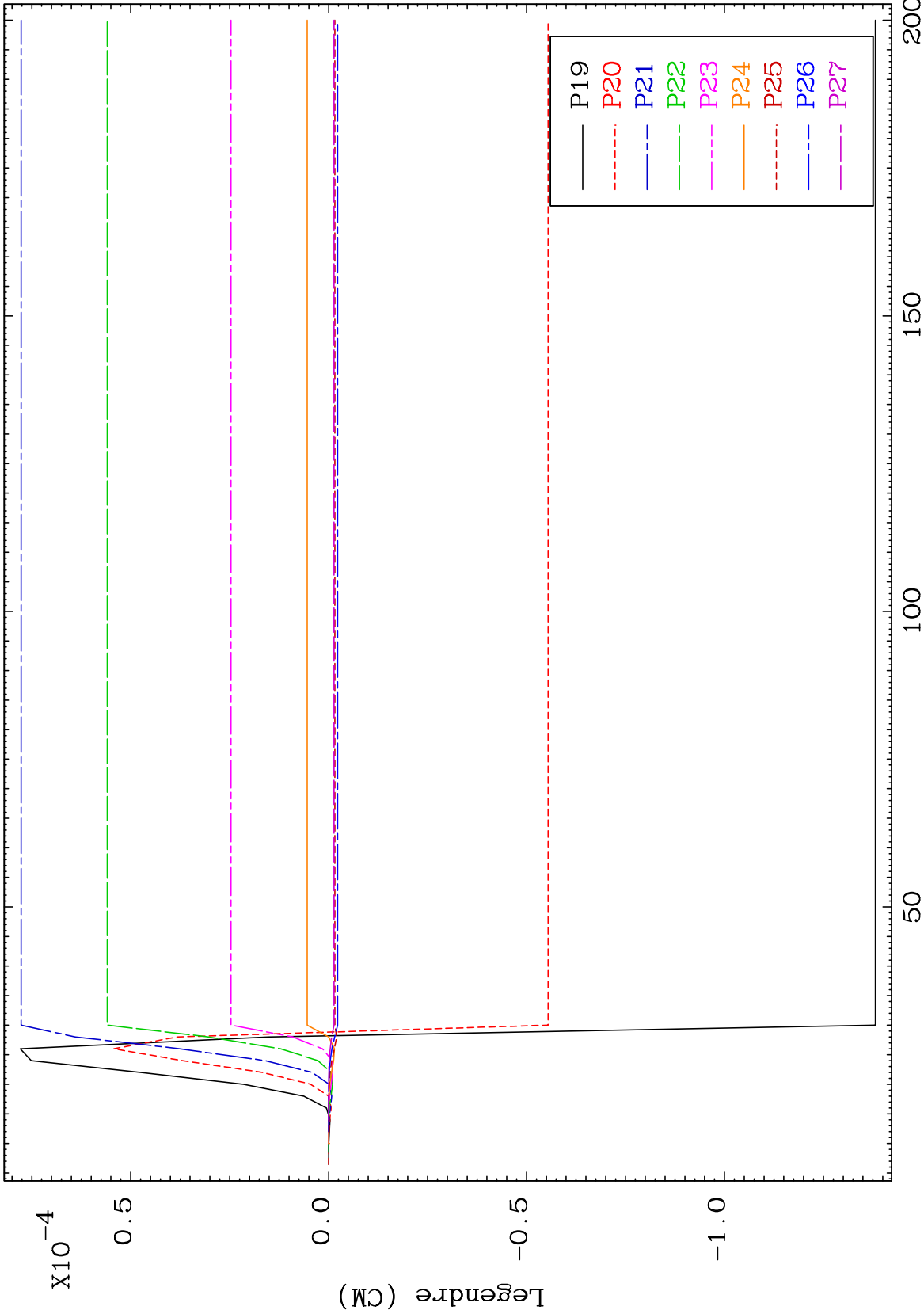
71-Lu-174



MAT 7122

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

71-Lu-174

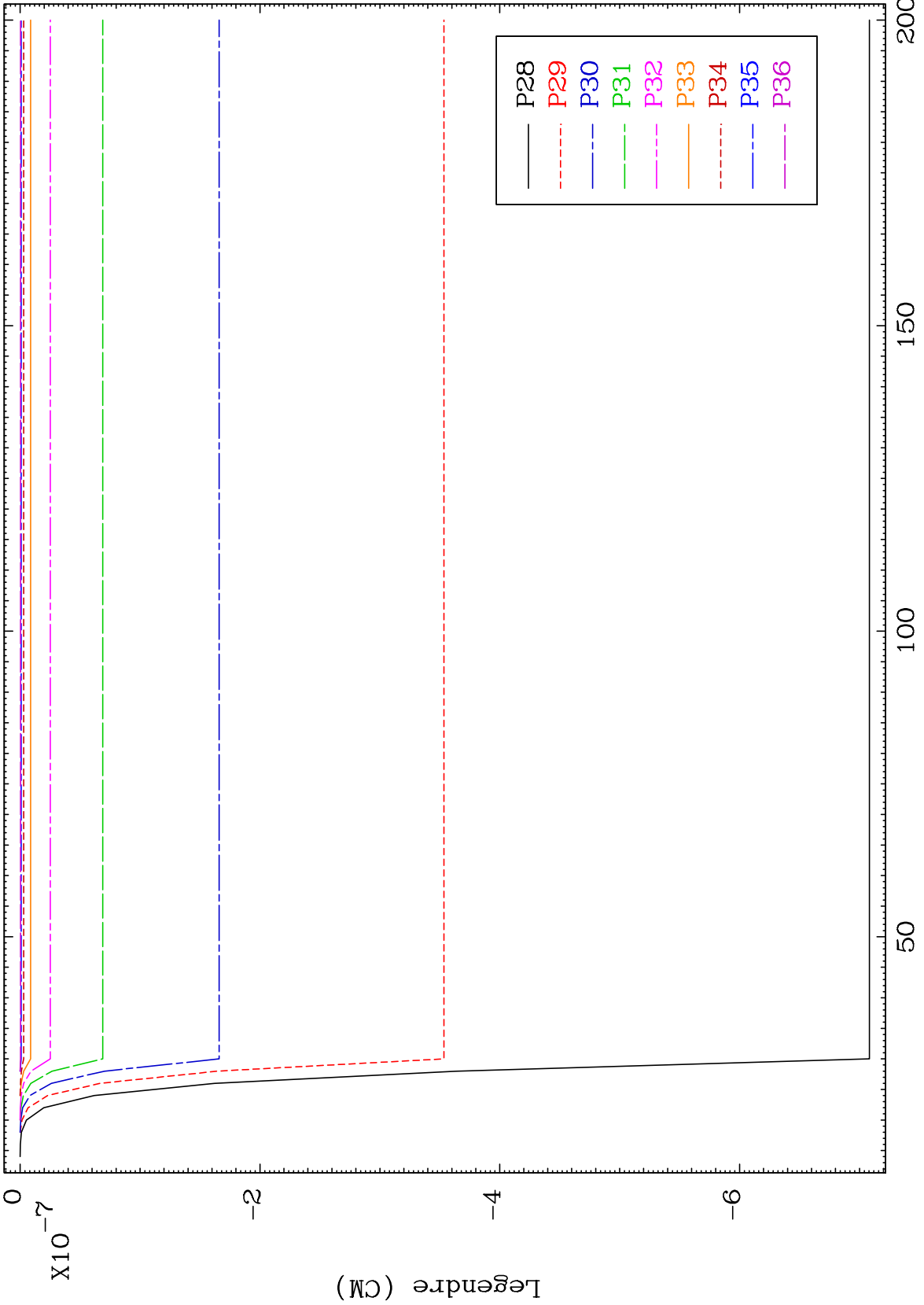


56

Incident Energy (MeV)

71-Lu-174

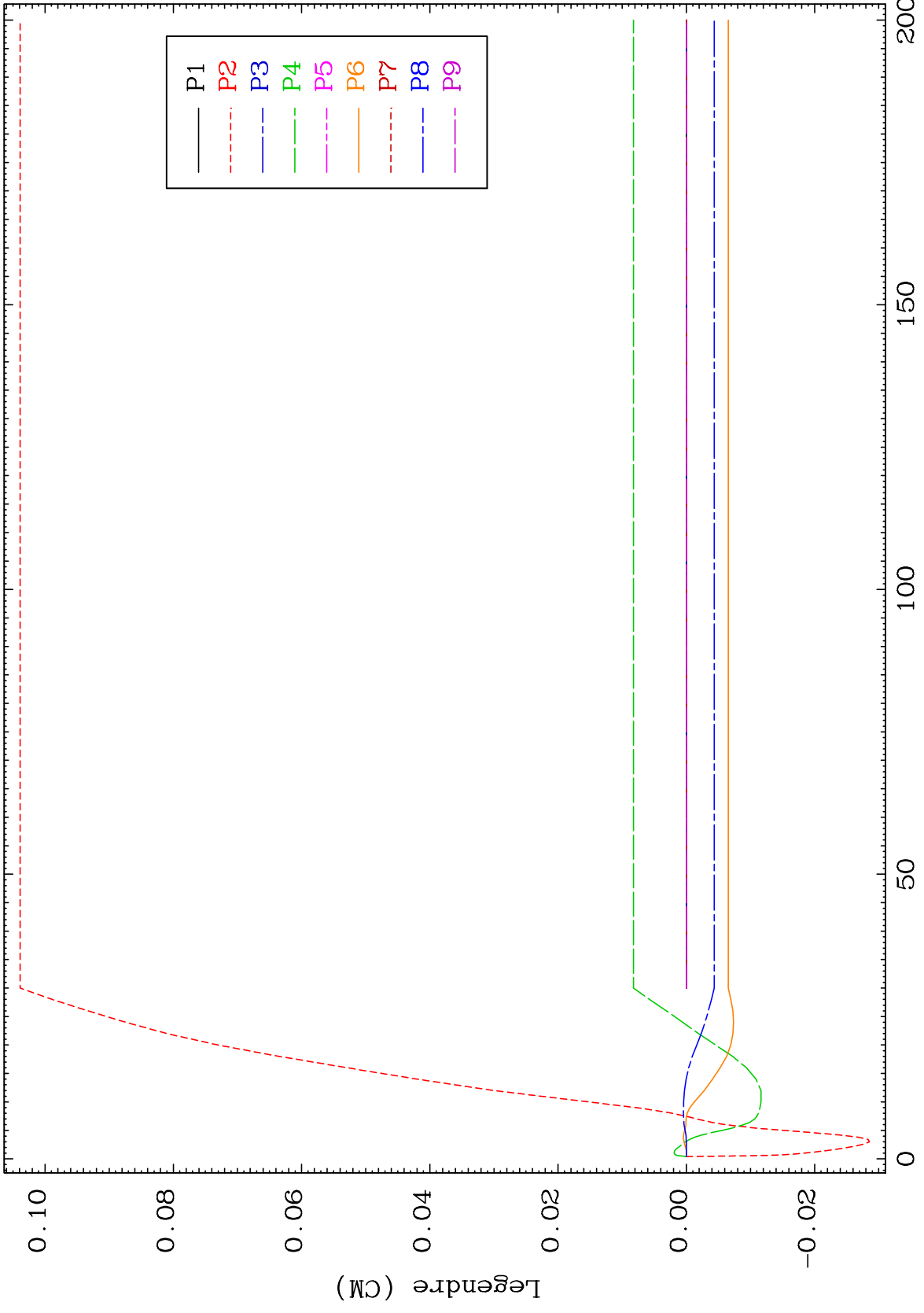
Legendre Coefficients



MAT 7122

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

71-Lu-174



58

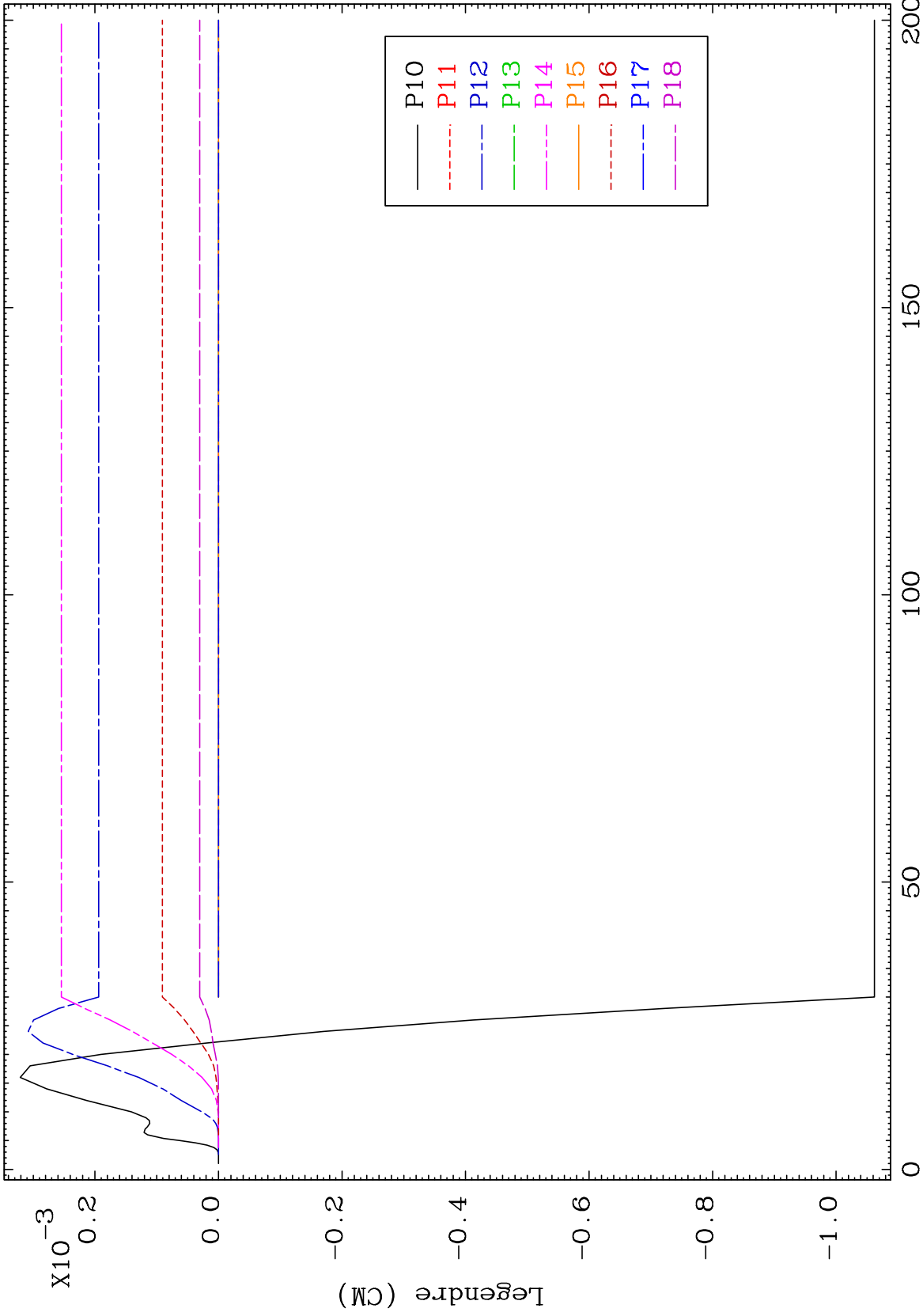
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



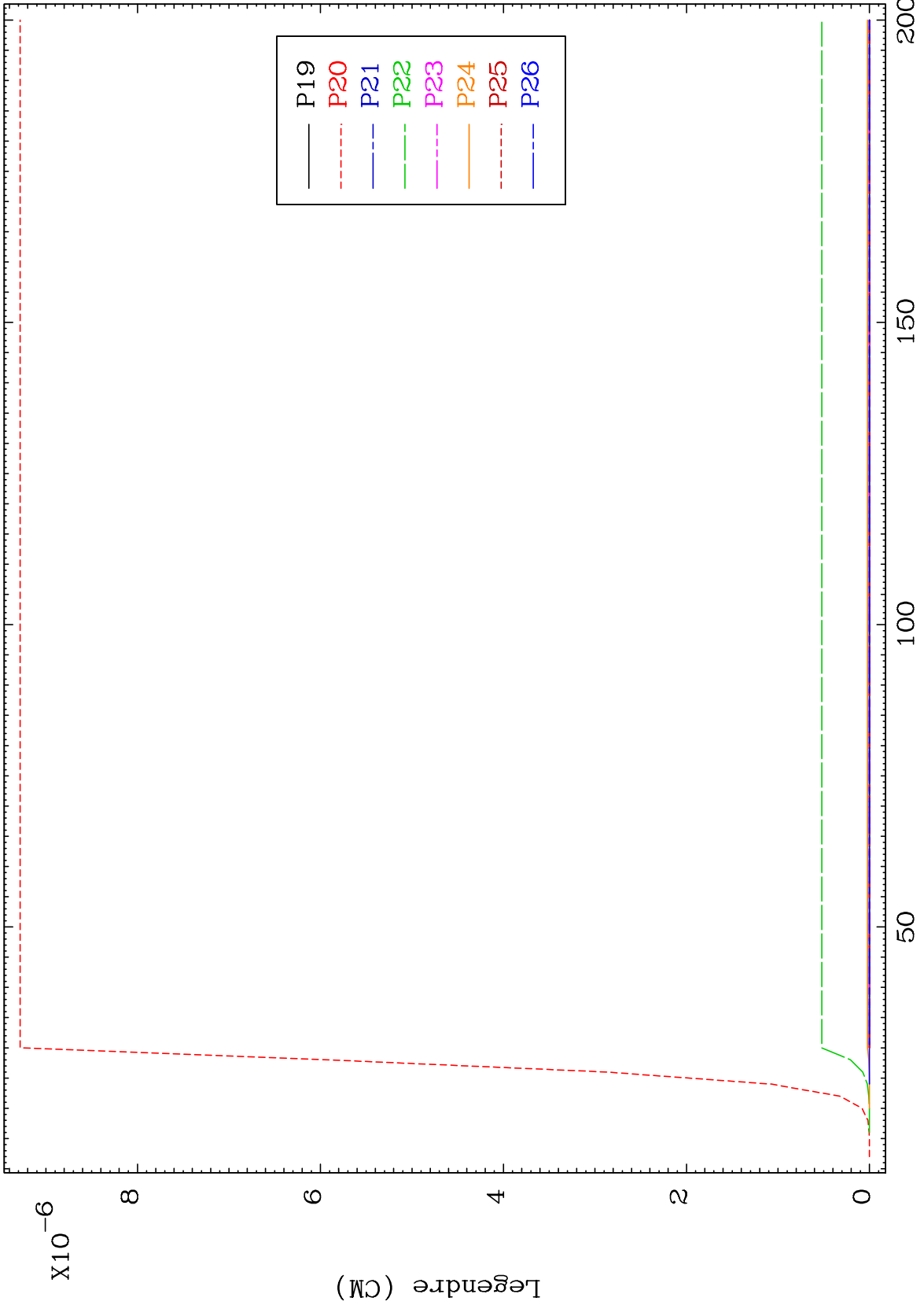
59

71-Lu-174

MAT 7122

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

71-Lu-174



71-Lu-174

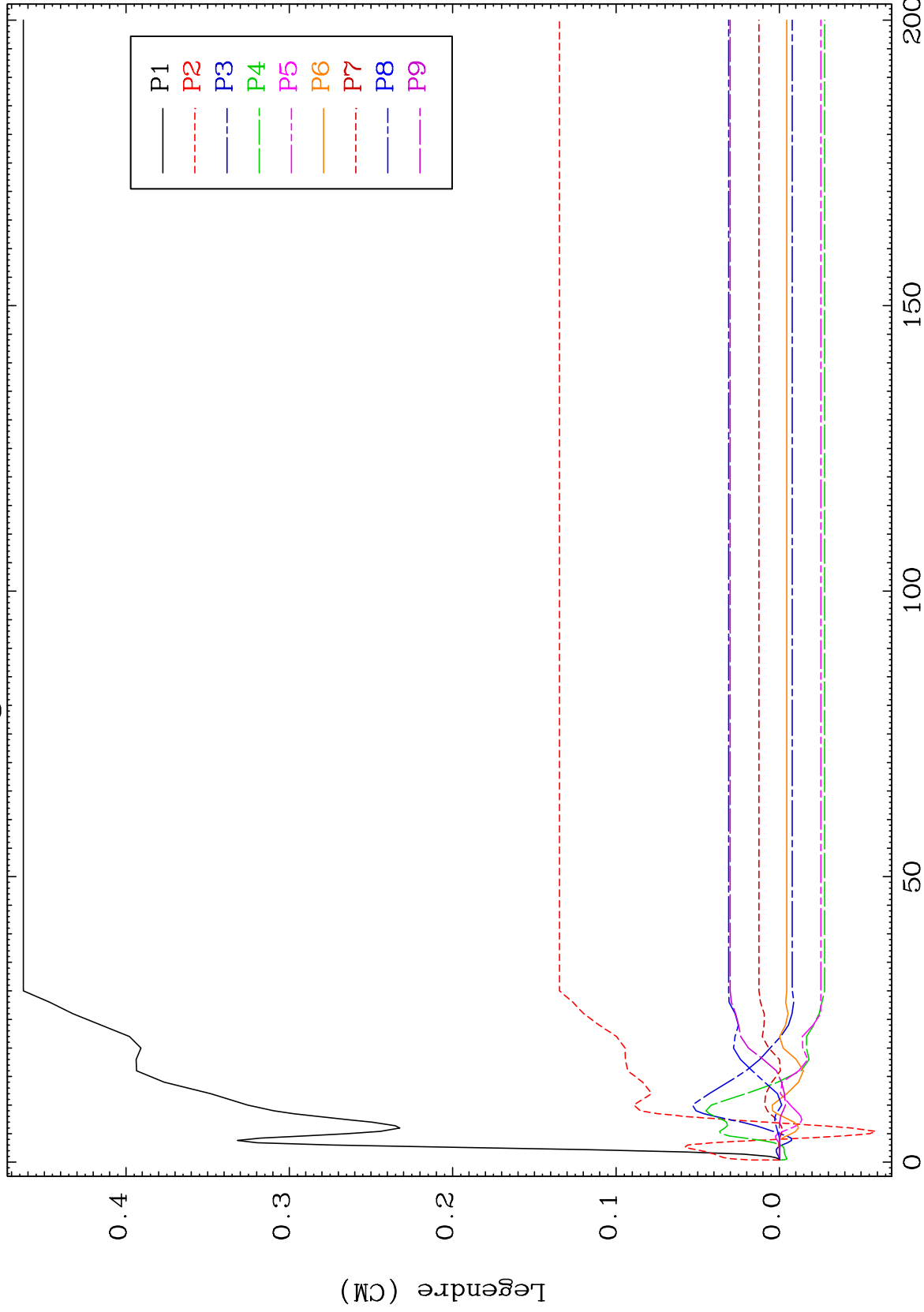
Incident Energy (MeV)

60

MAT 7122

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

71-Lu-174



61

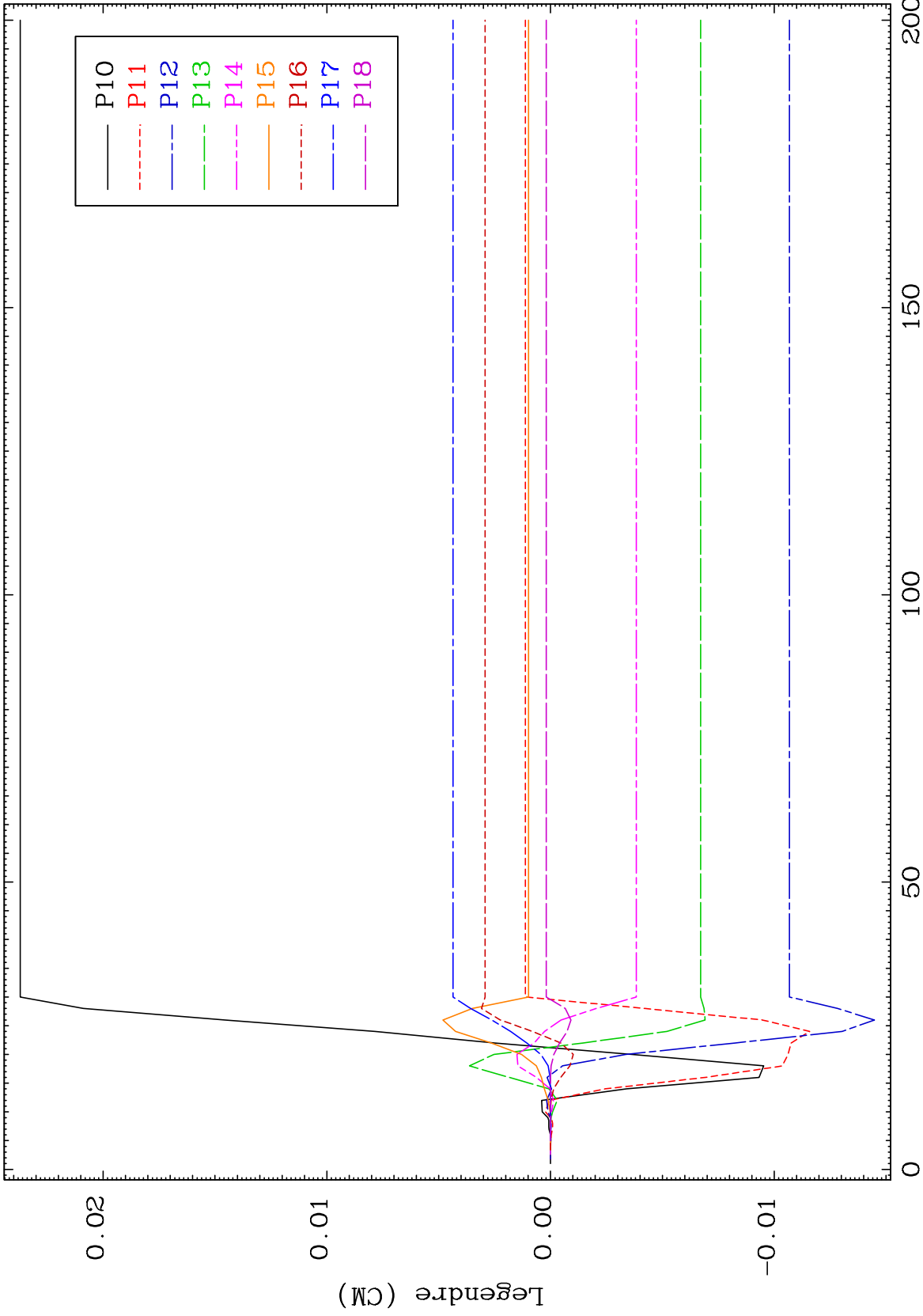
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



62

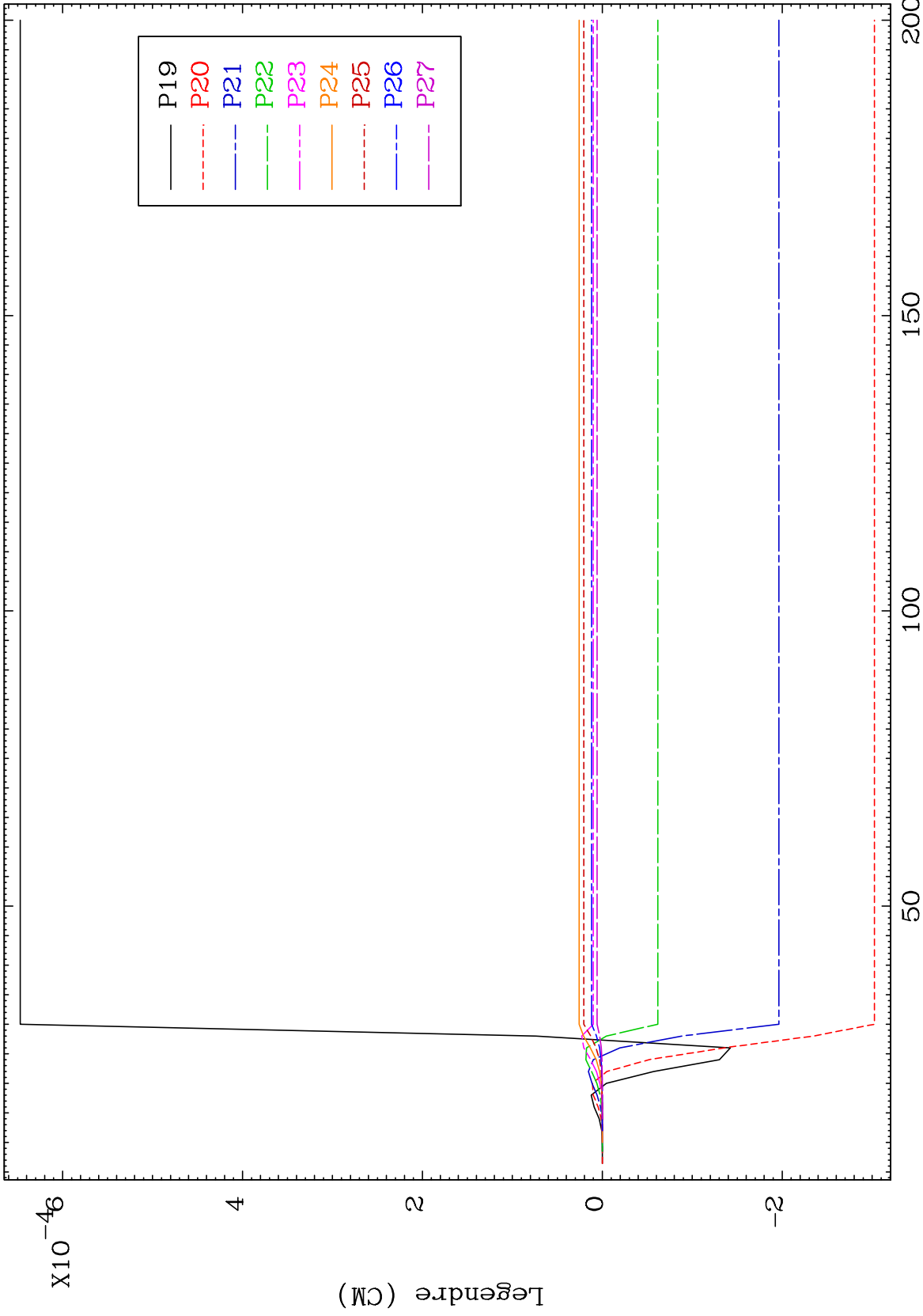
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



63

Incident Energy (MeV)

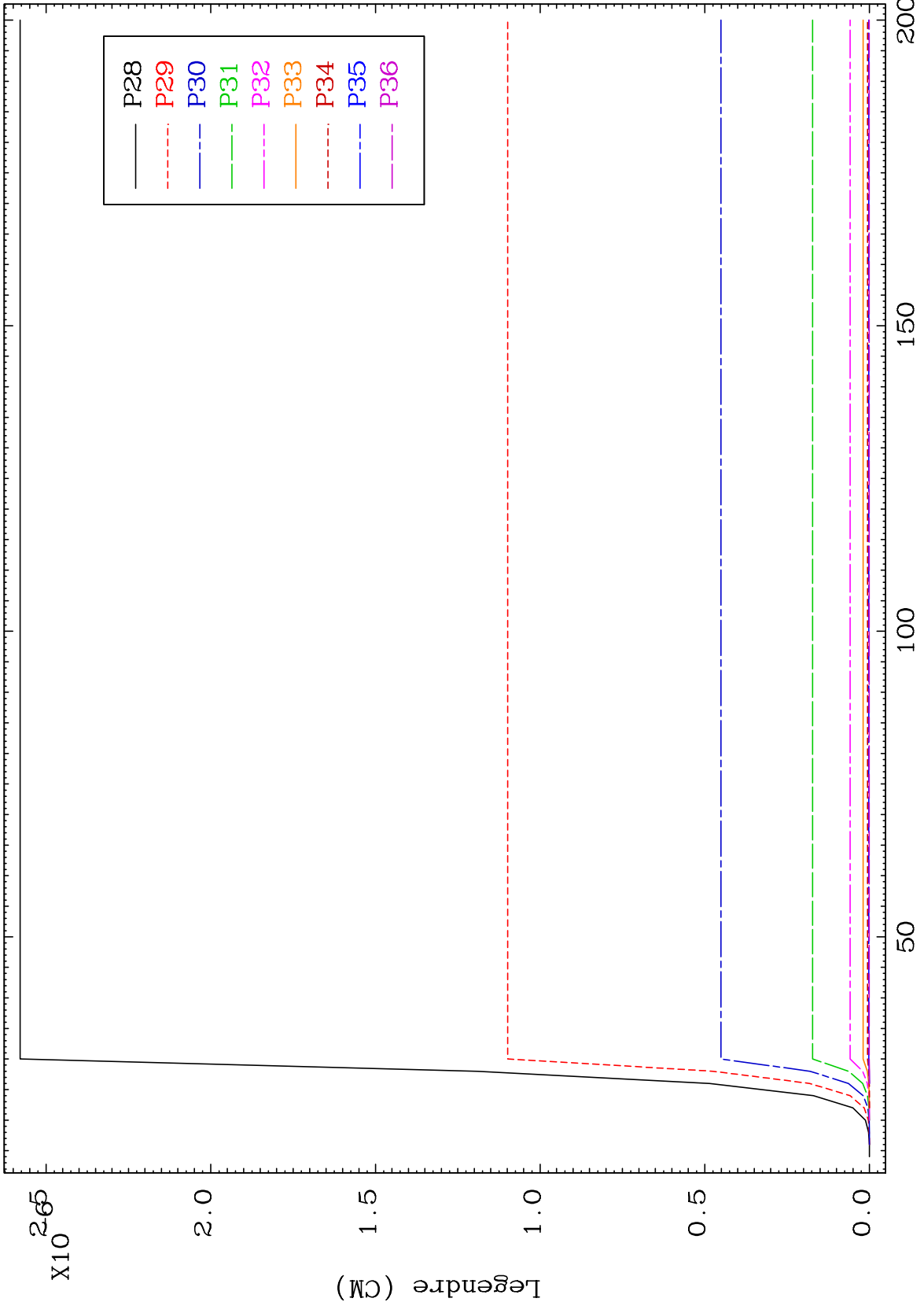
71-Lu-174



MAT 7122

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

71-Lu-174



64

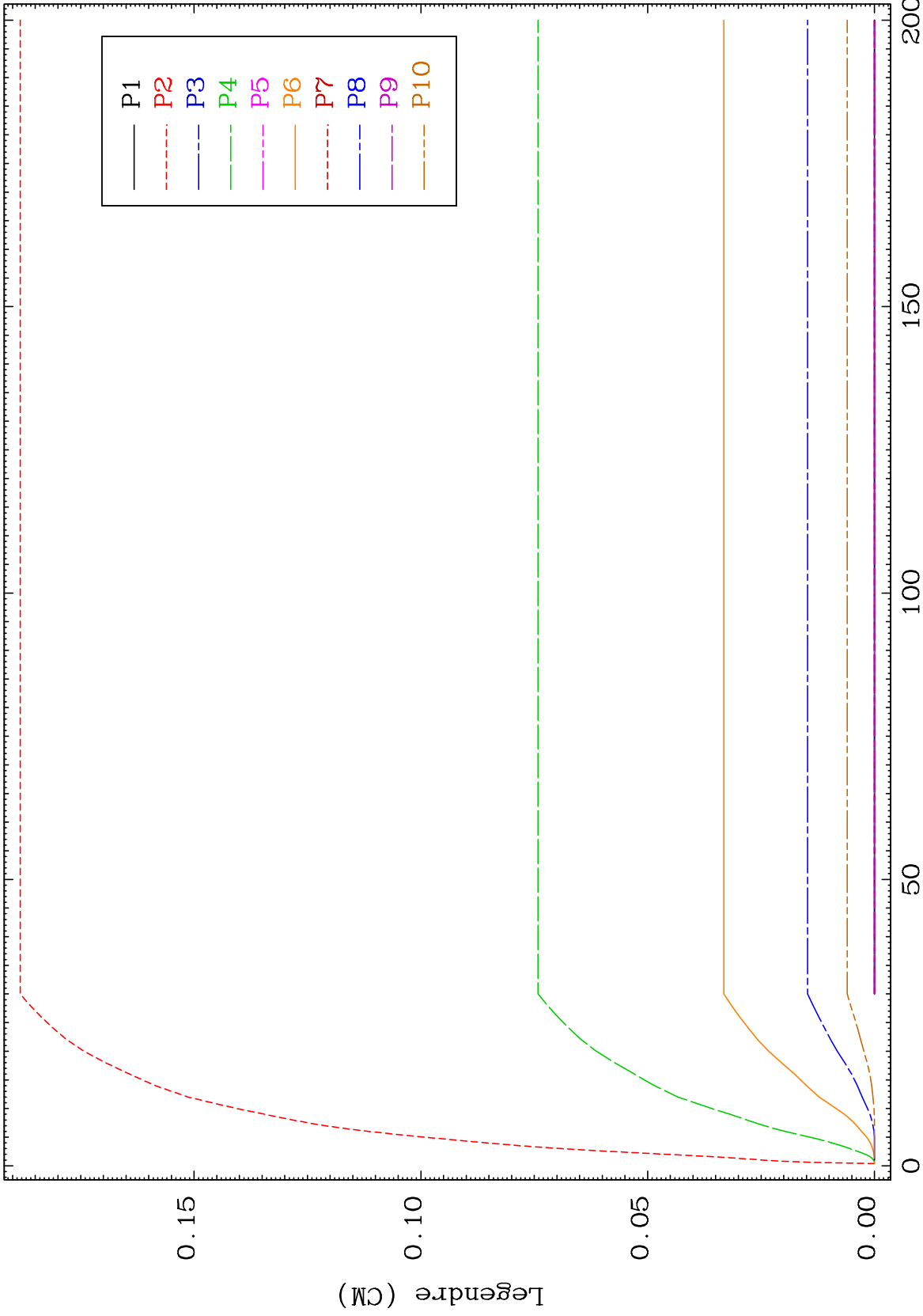
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



65

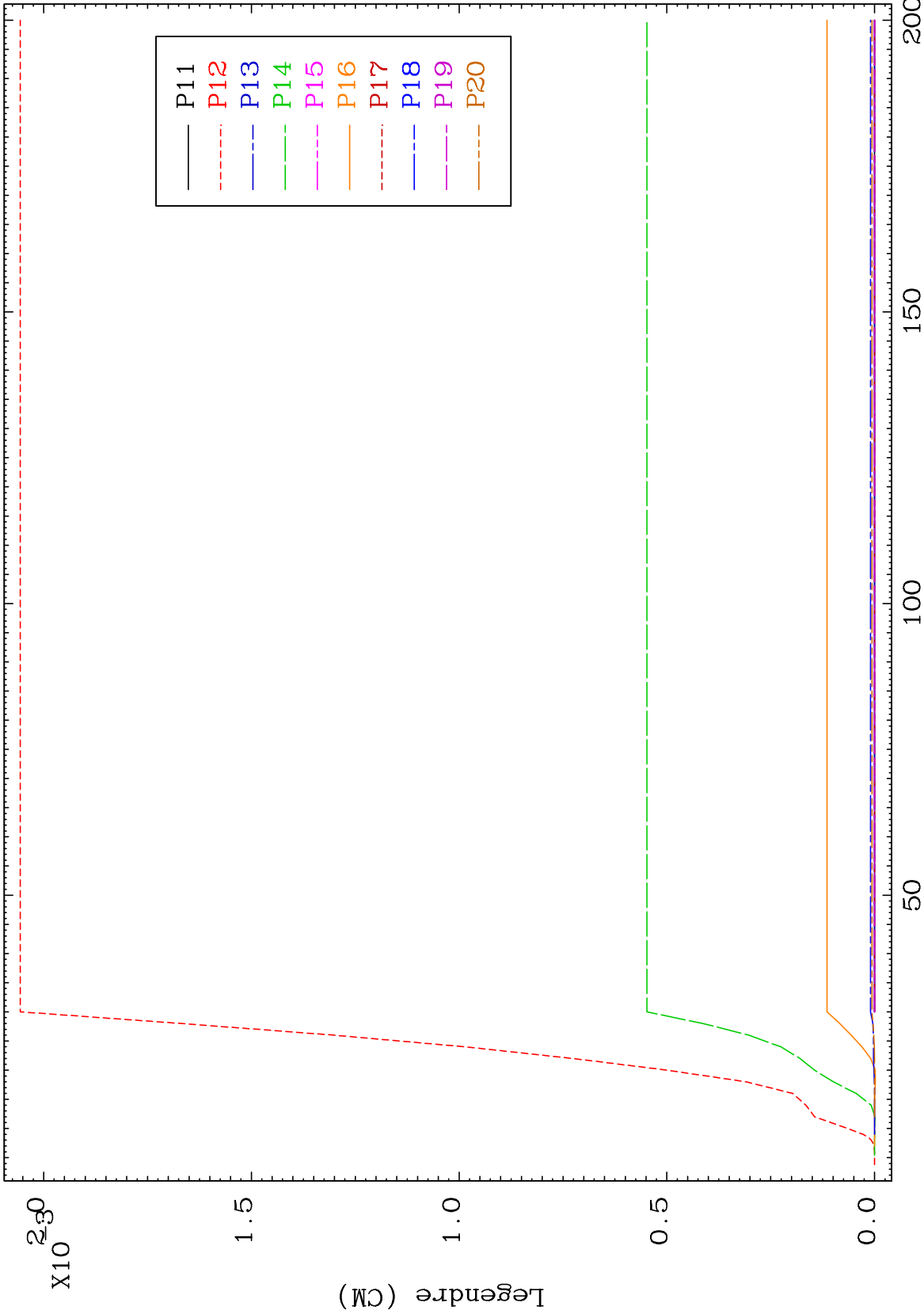
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



66

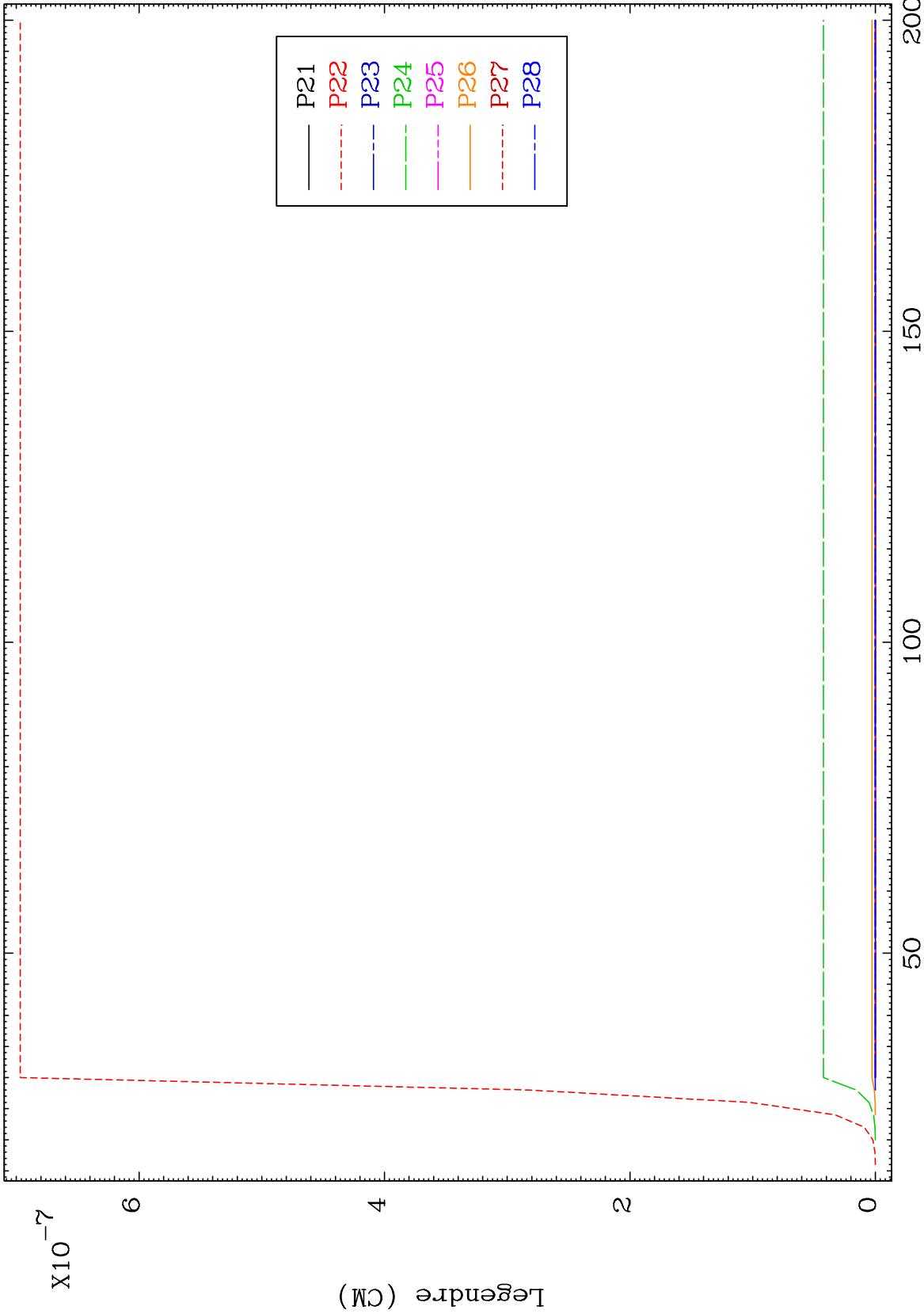
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



67

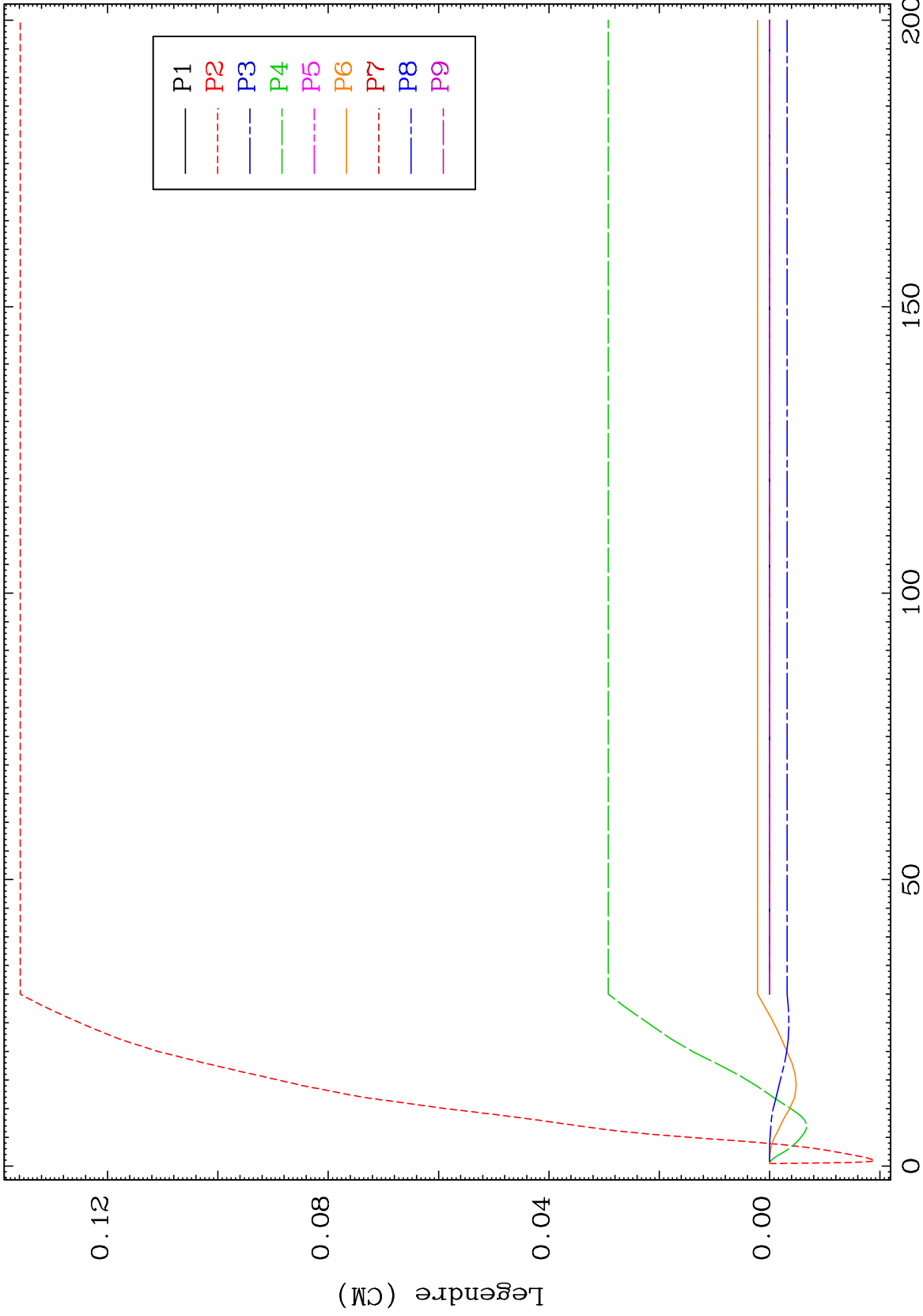
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



68

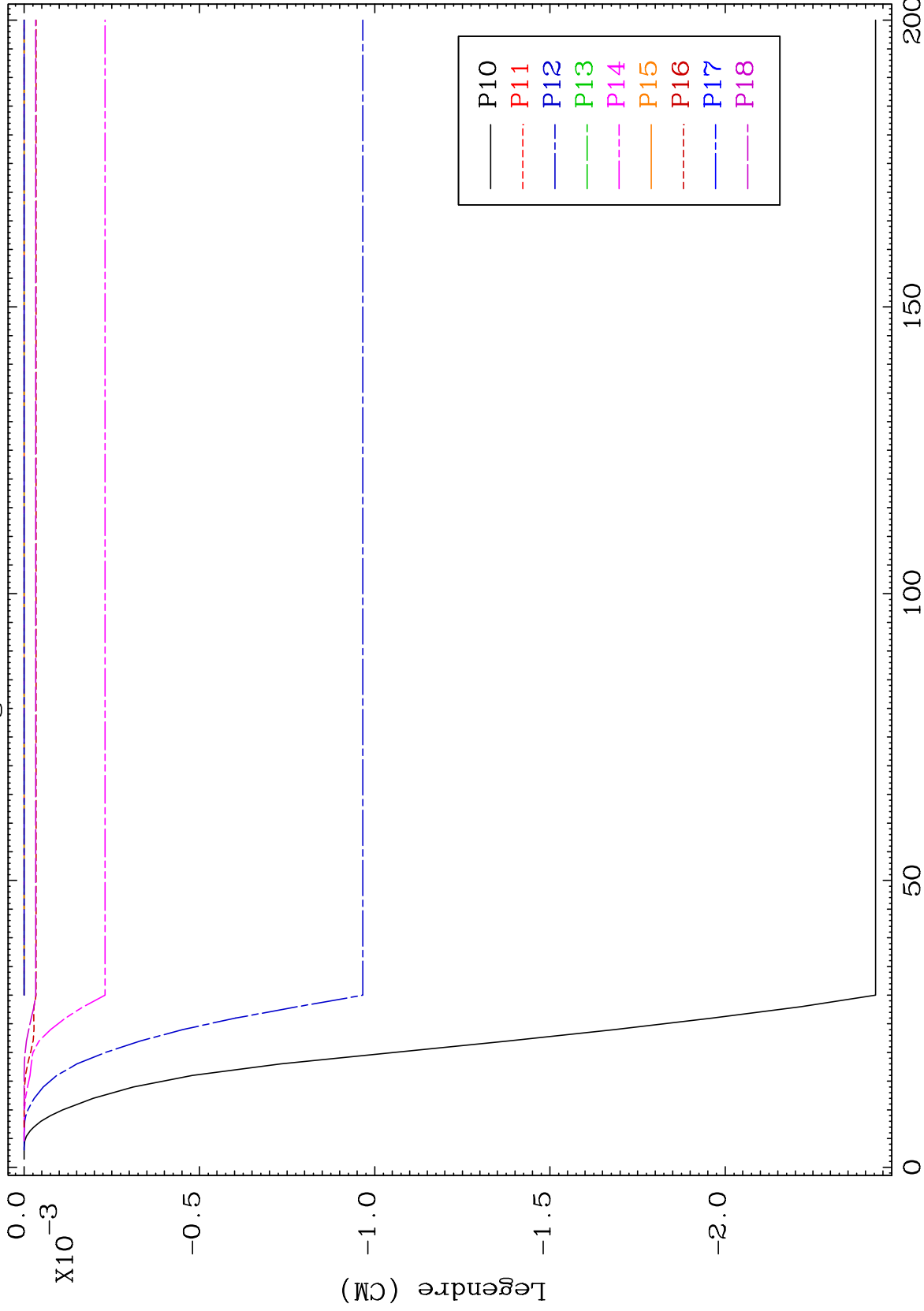
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174

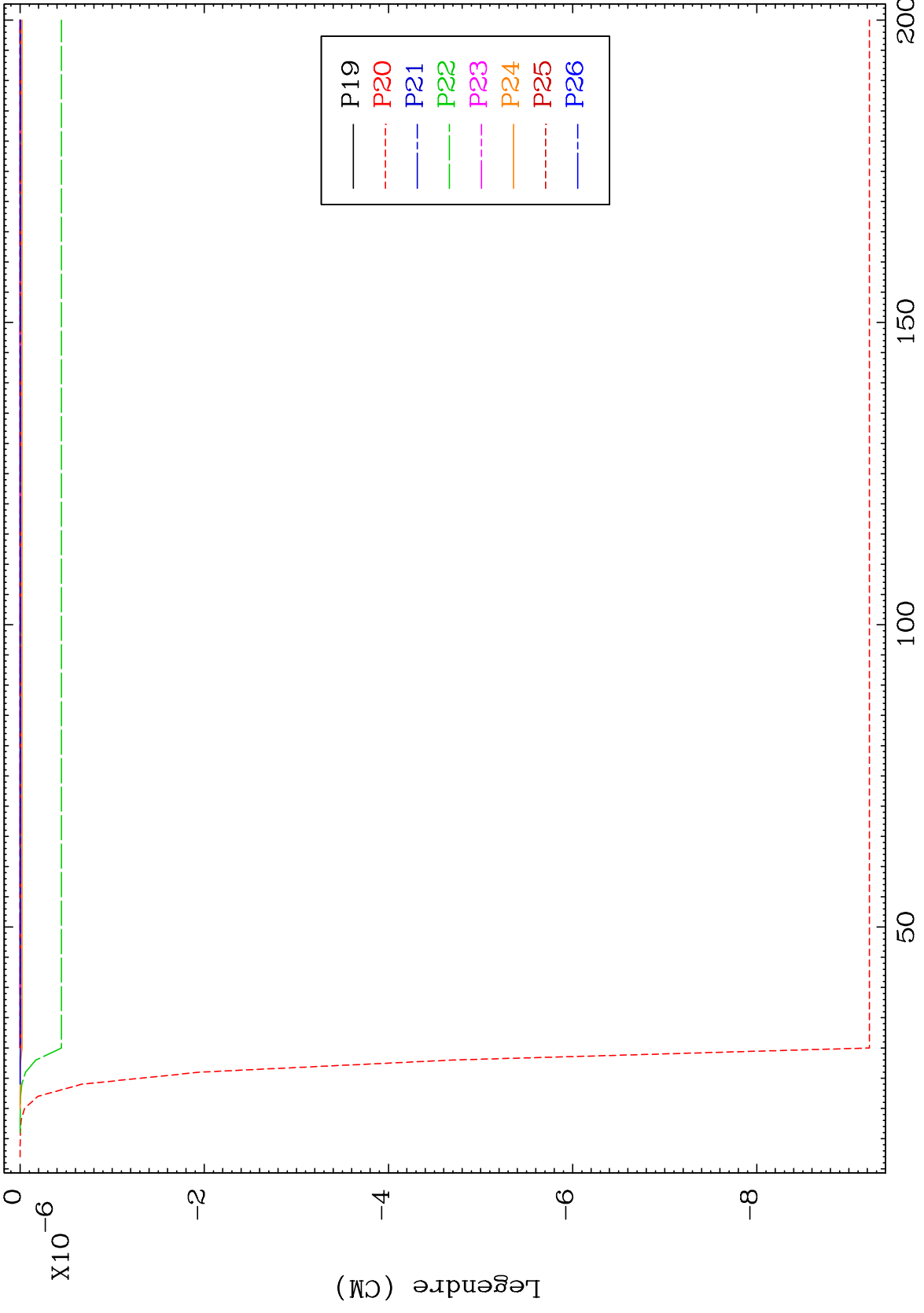


69

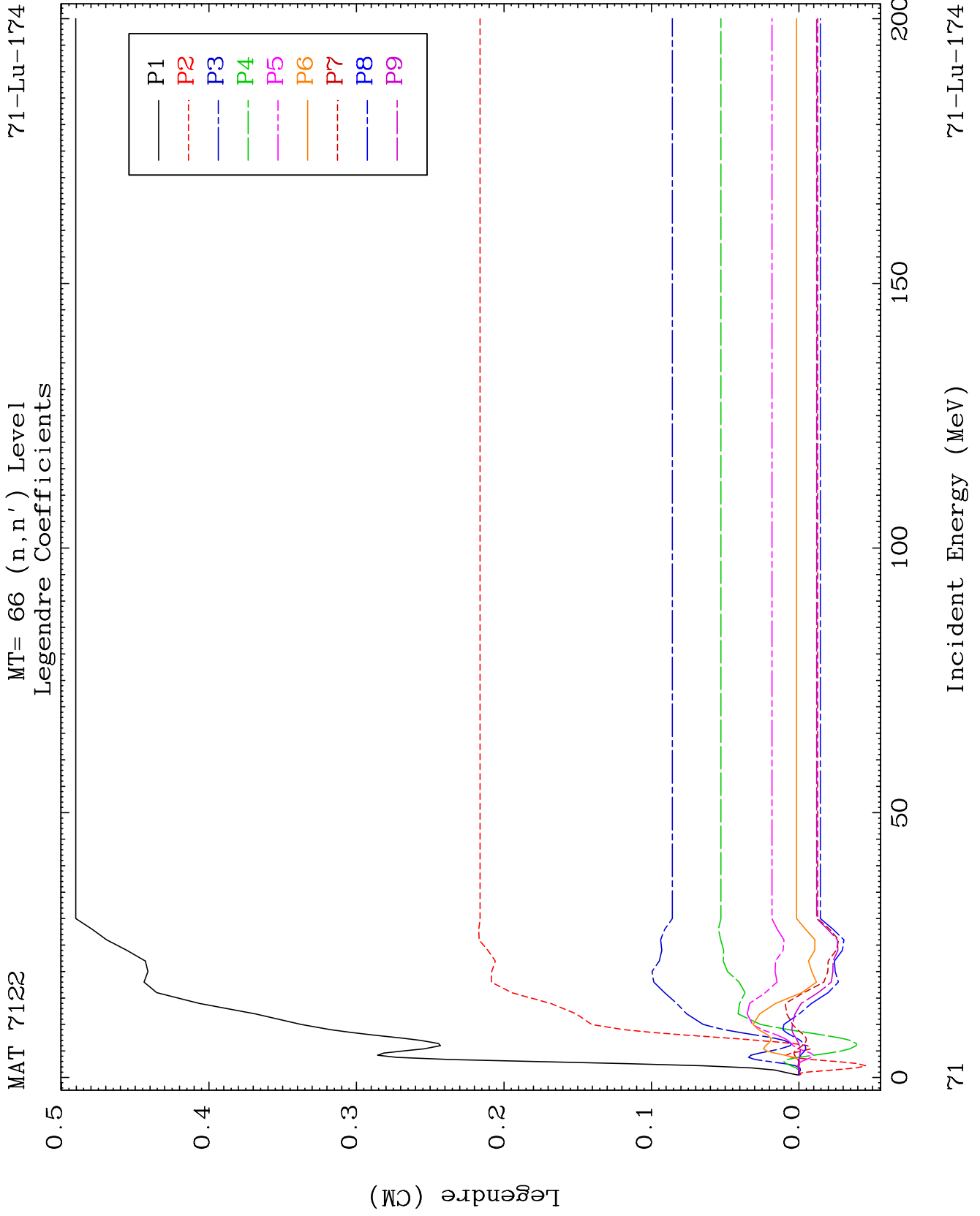
Incident Energy (MeV)

71-Lu-174

MAT 7122 MT= 65 (n,n') Level Legendre Coefficients 71-Lu-174



71-Lu-174

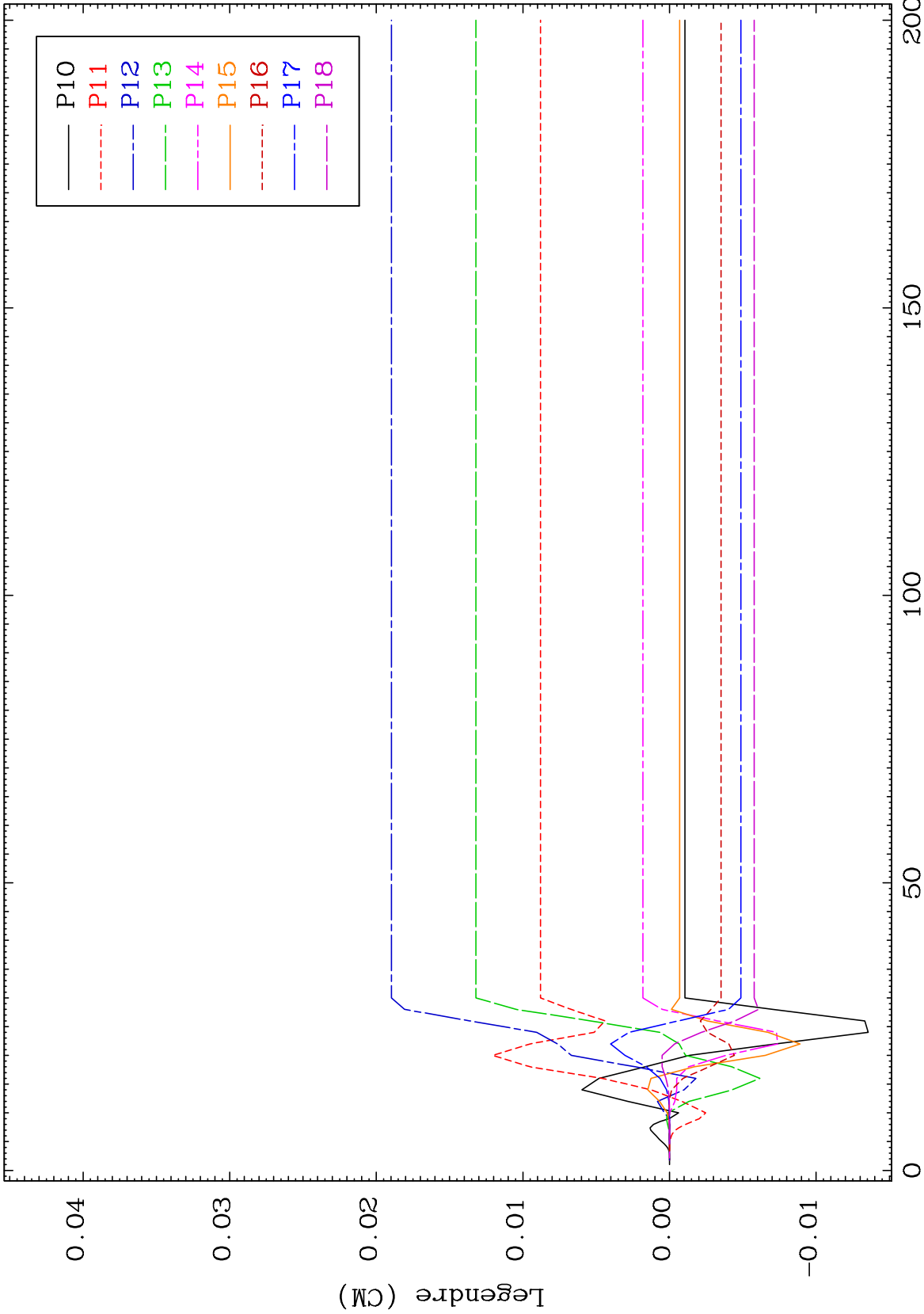




MAT 7122

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

71-Lu-174



72

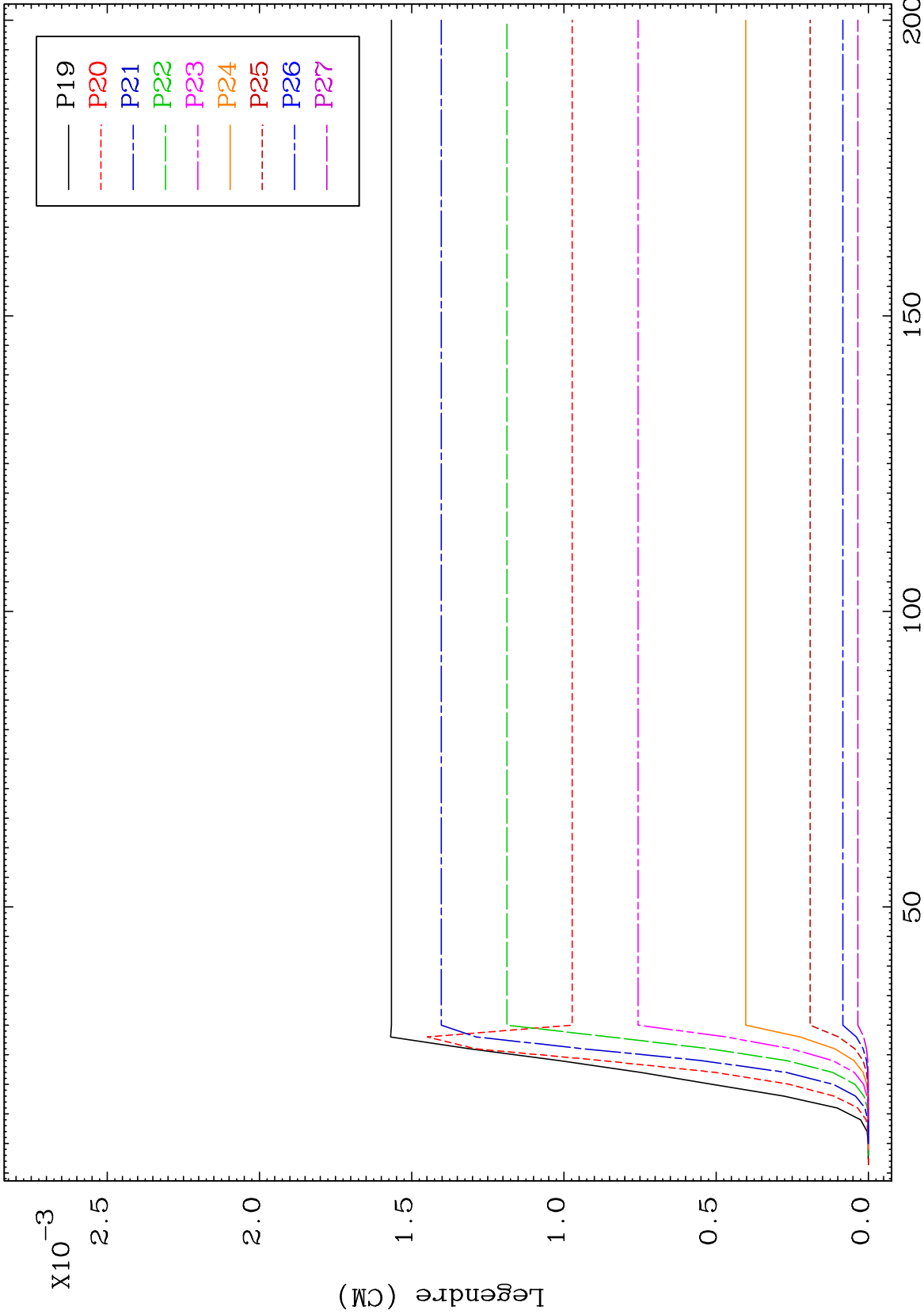
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



73

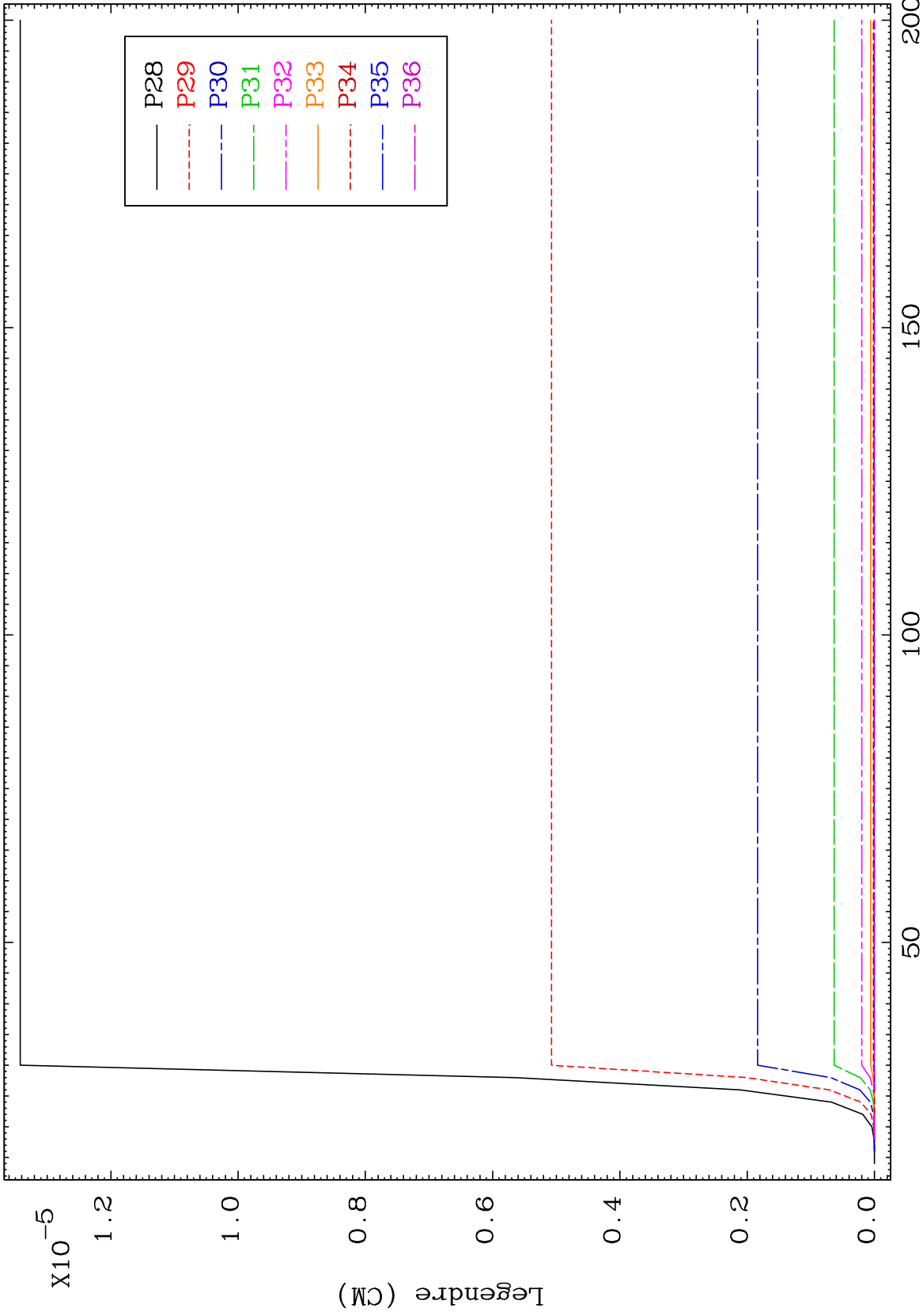
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



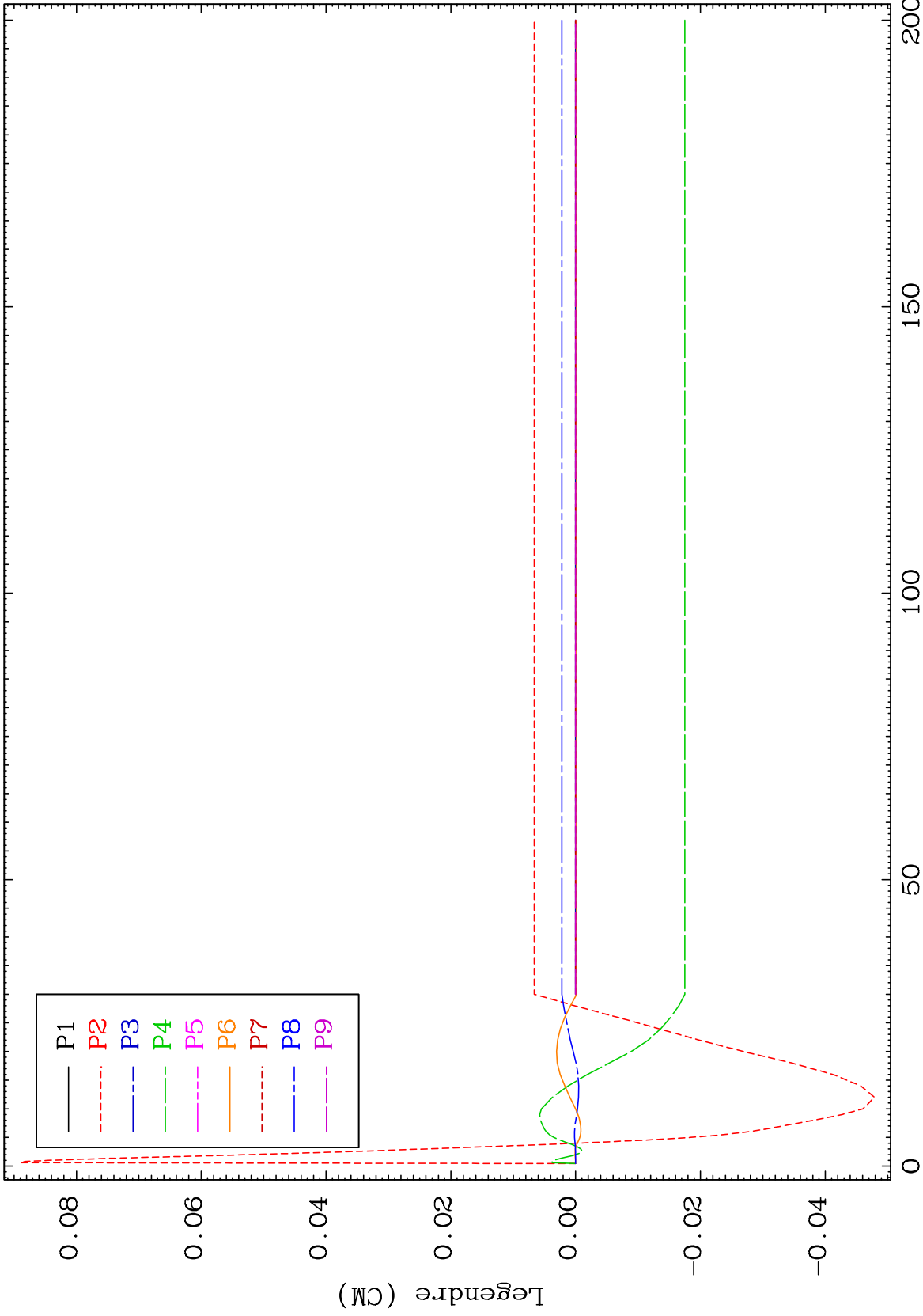
74

71-Lu-174

MAT 7122

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

71-Lu-174



75

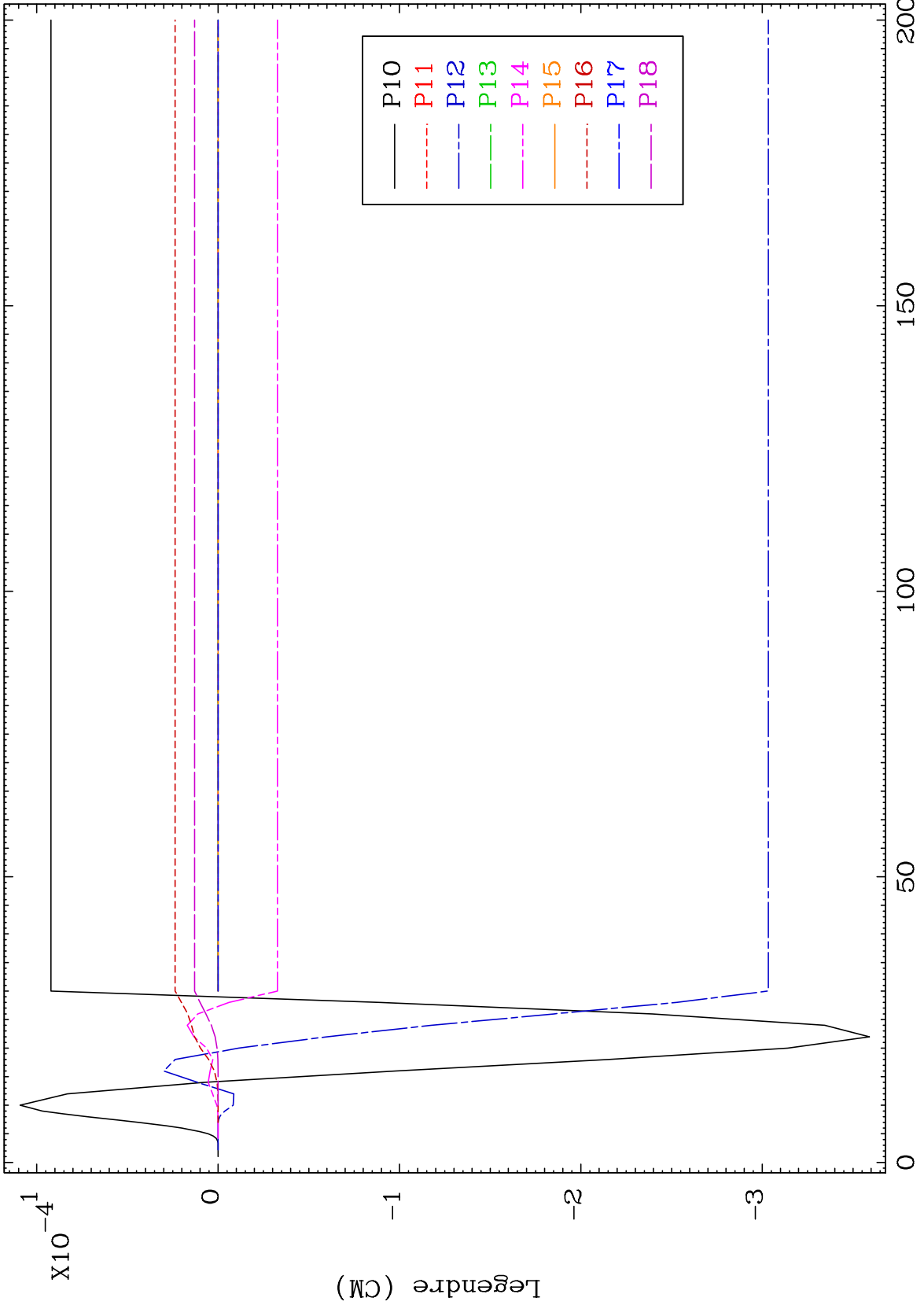
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



76

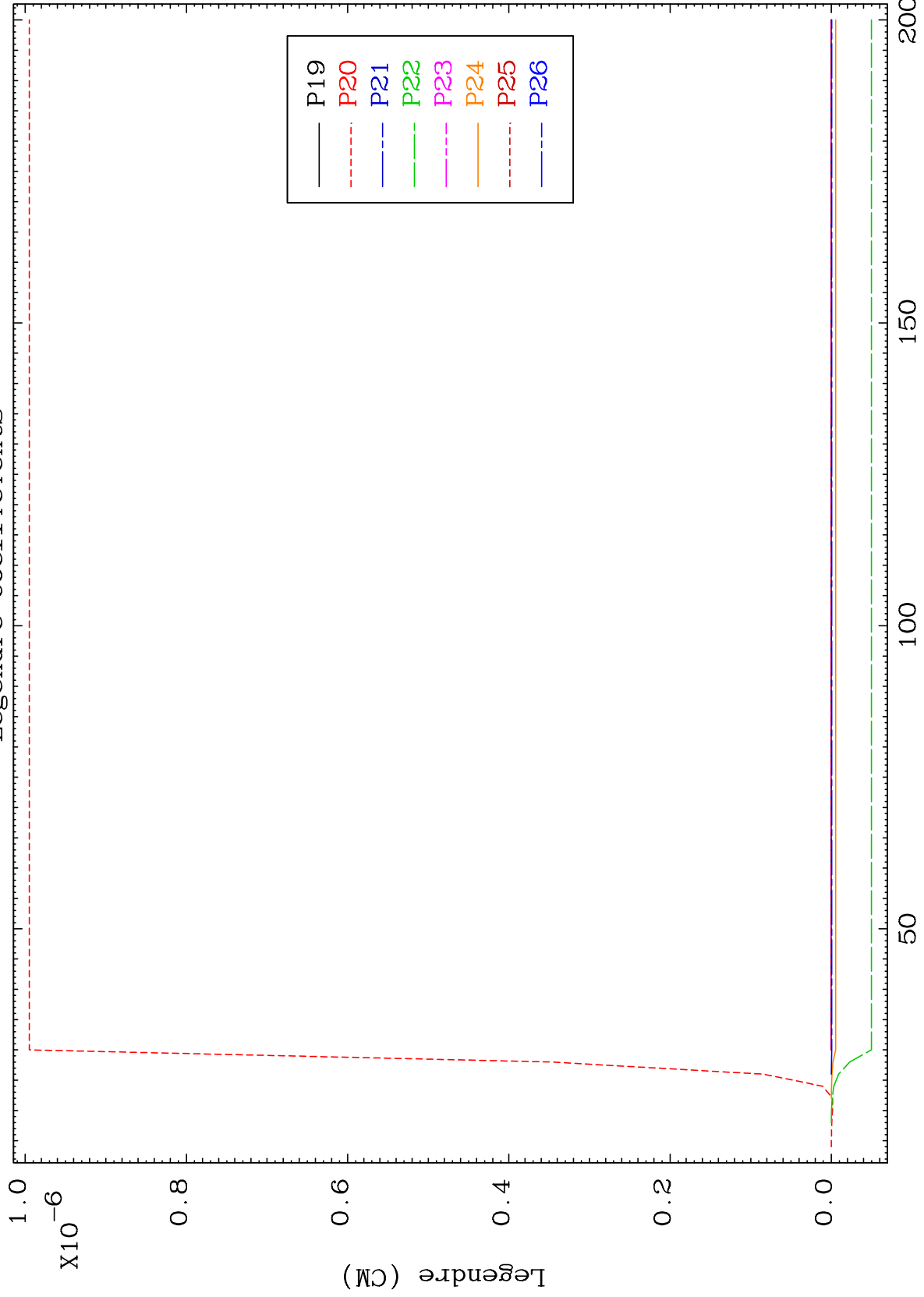
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



71-Lu-174

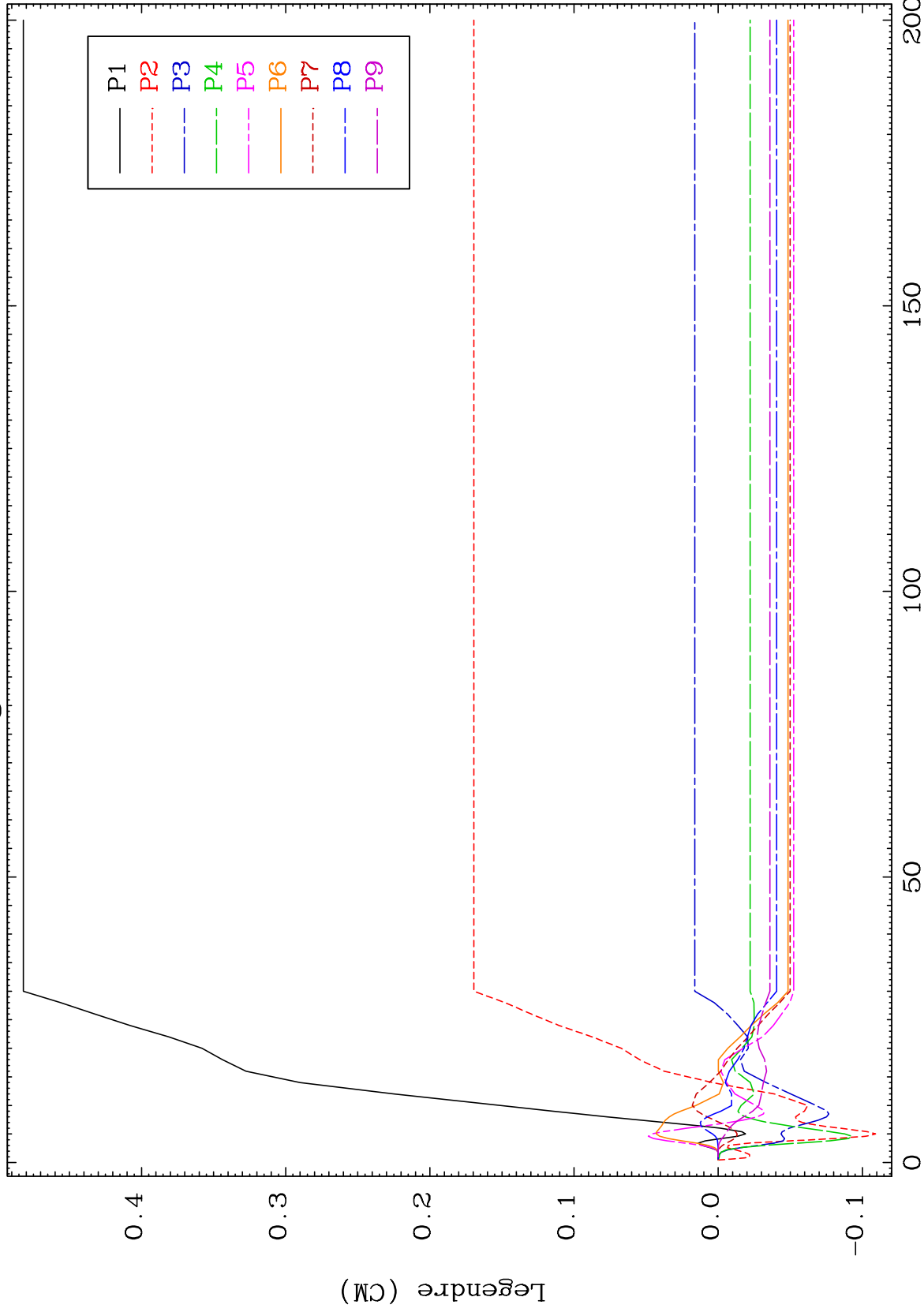
Incident Energy (MeV)

77

MAT 7122

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

71-Lu-174



78

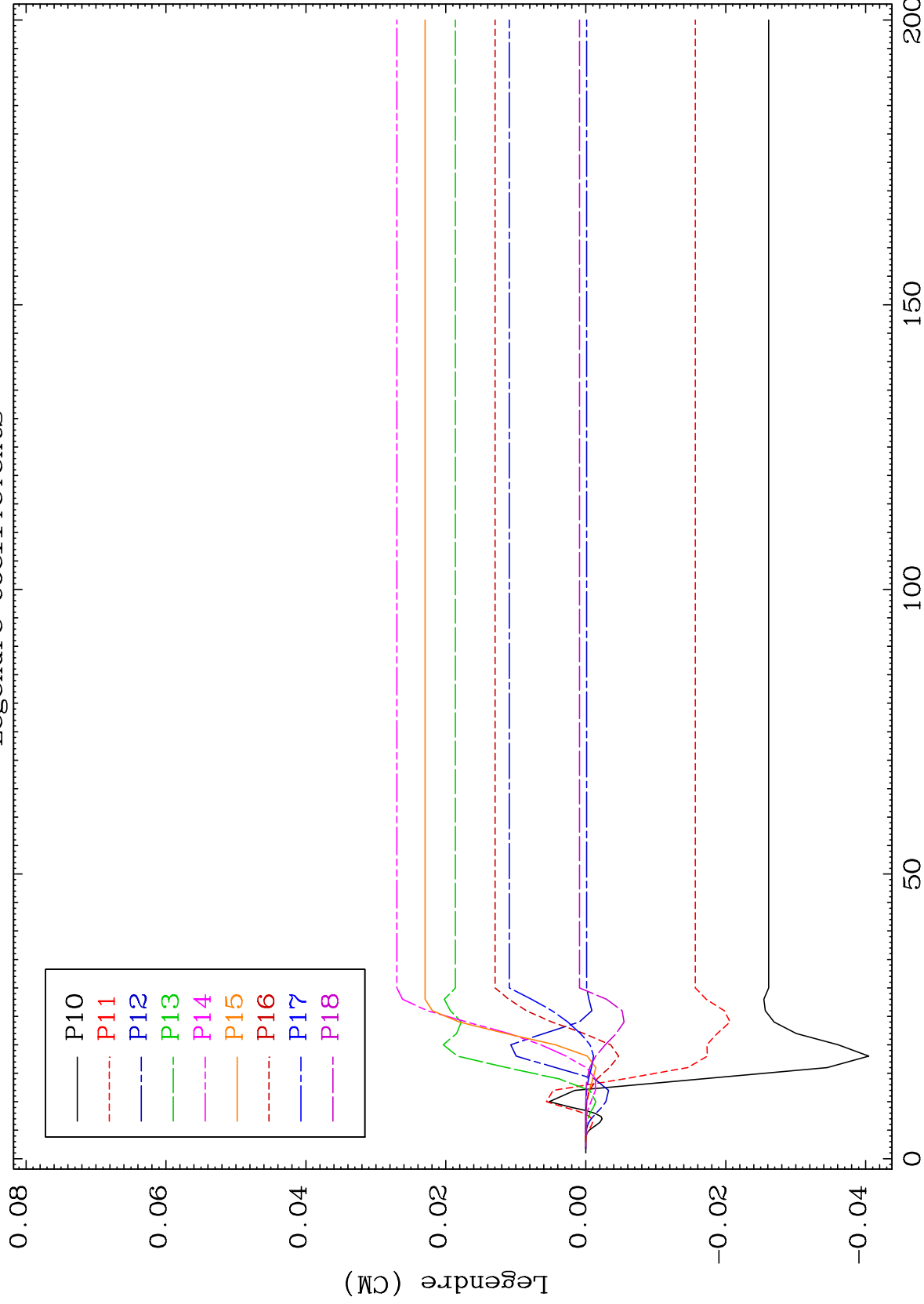
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



79

Incident Energy (MeV)

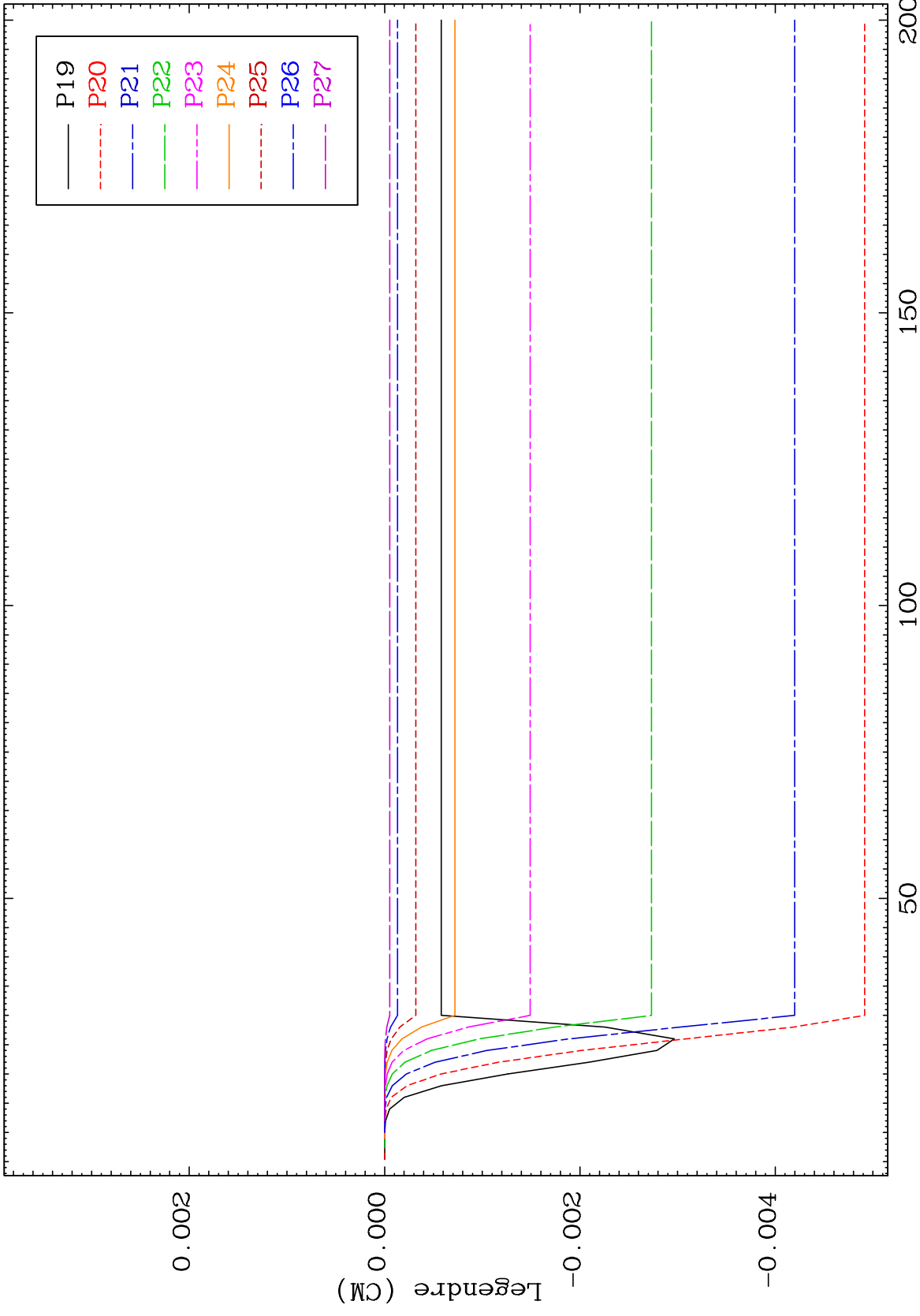
71-Lu-174



MAT 7122

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

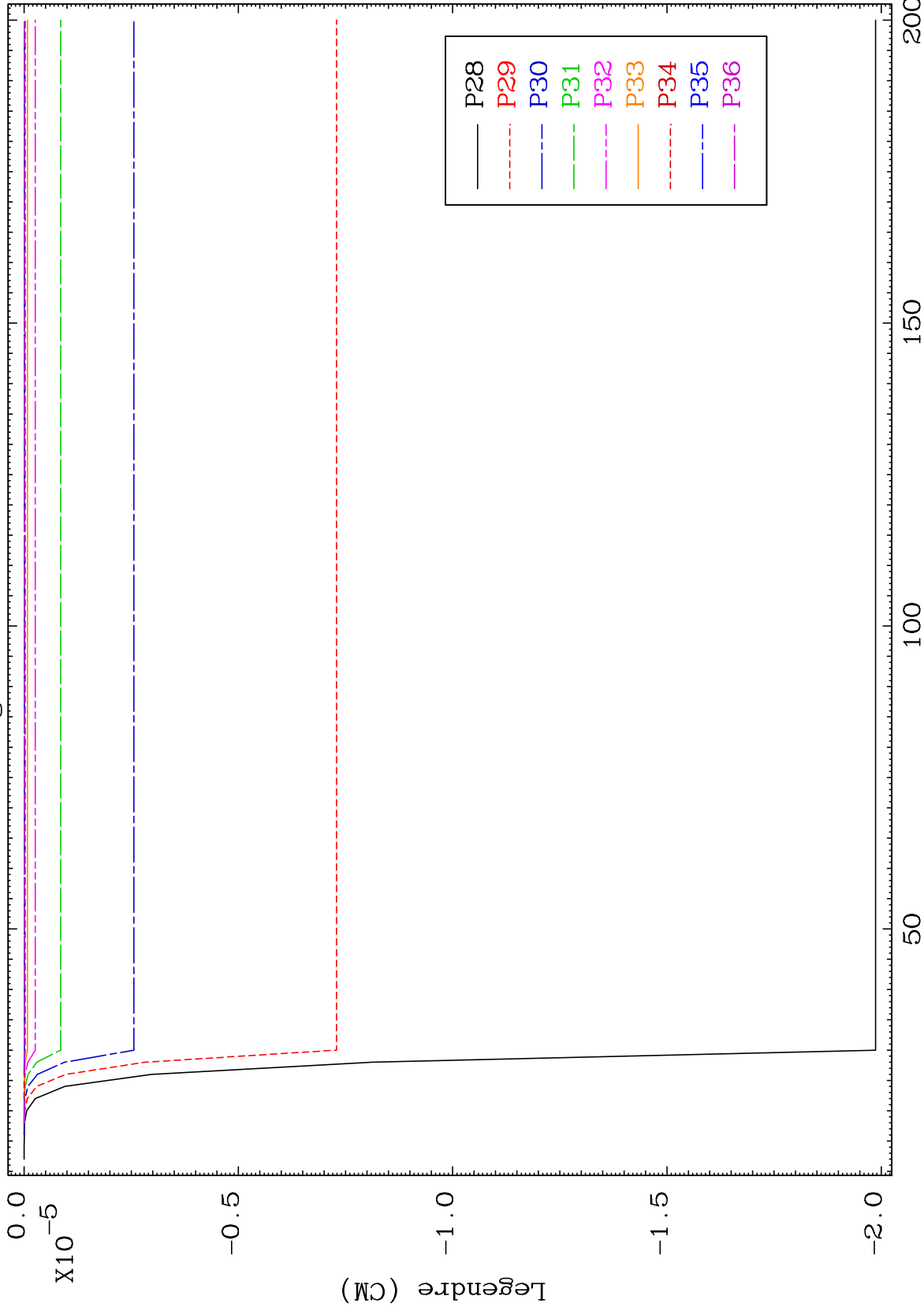
71-Lu-174



80

Incident Energy (MeV)

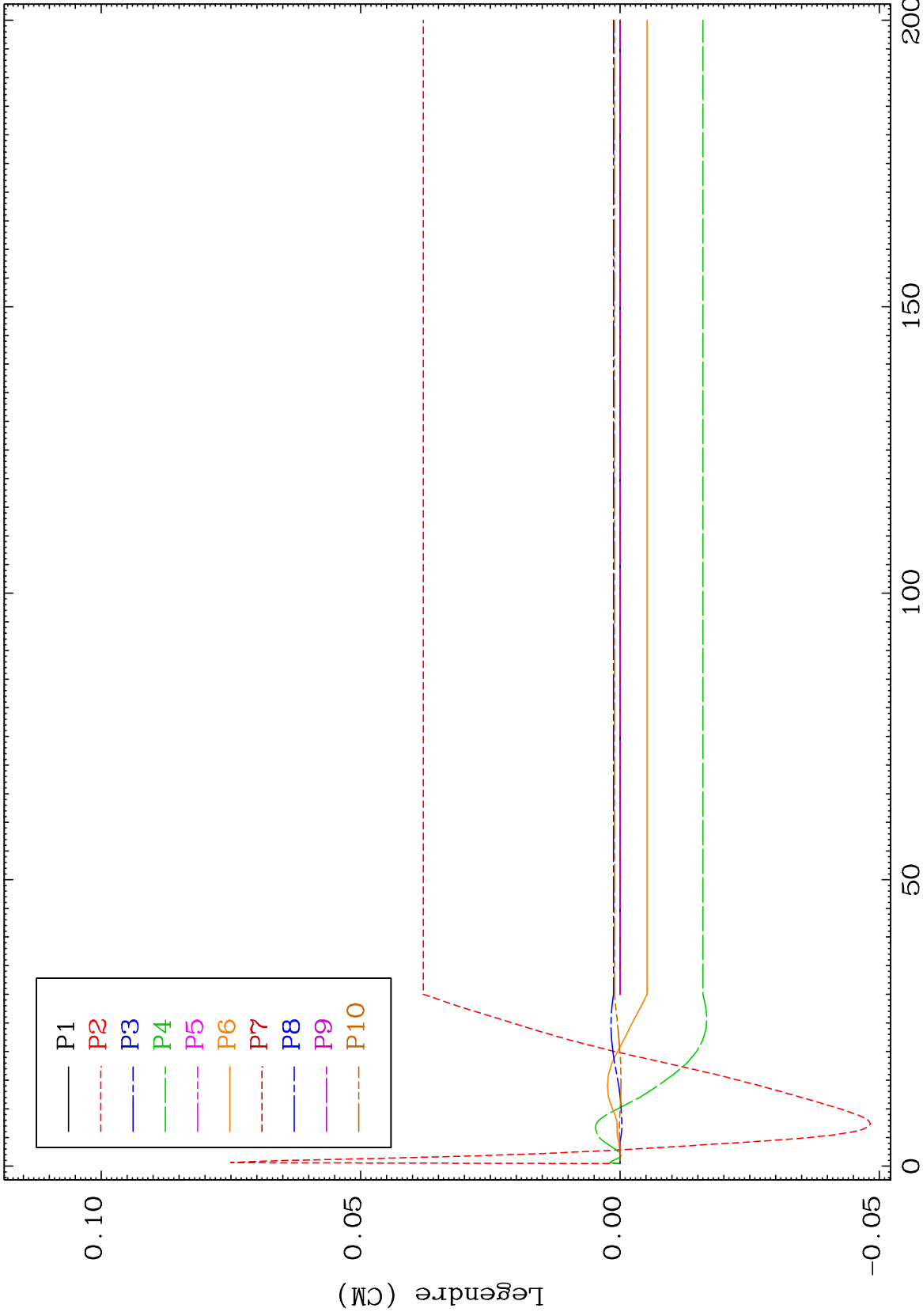
71-Lu-174



MAT 7122

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

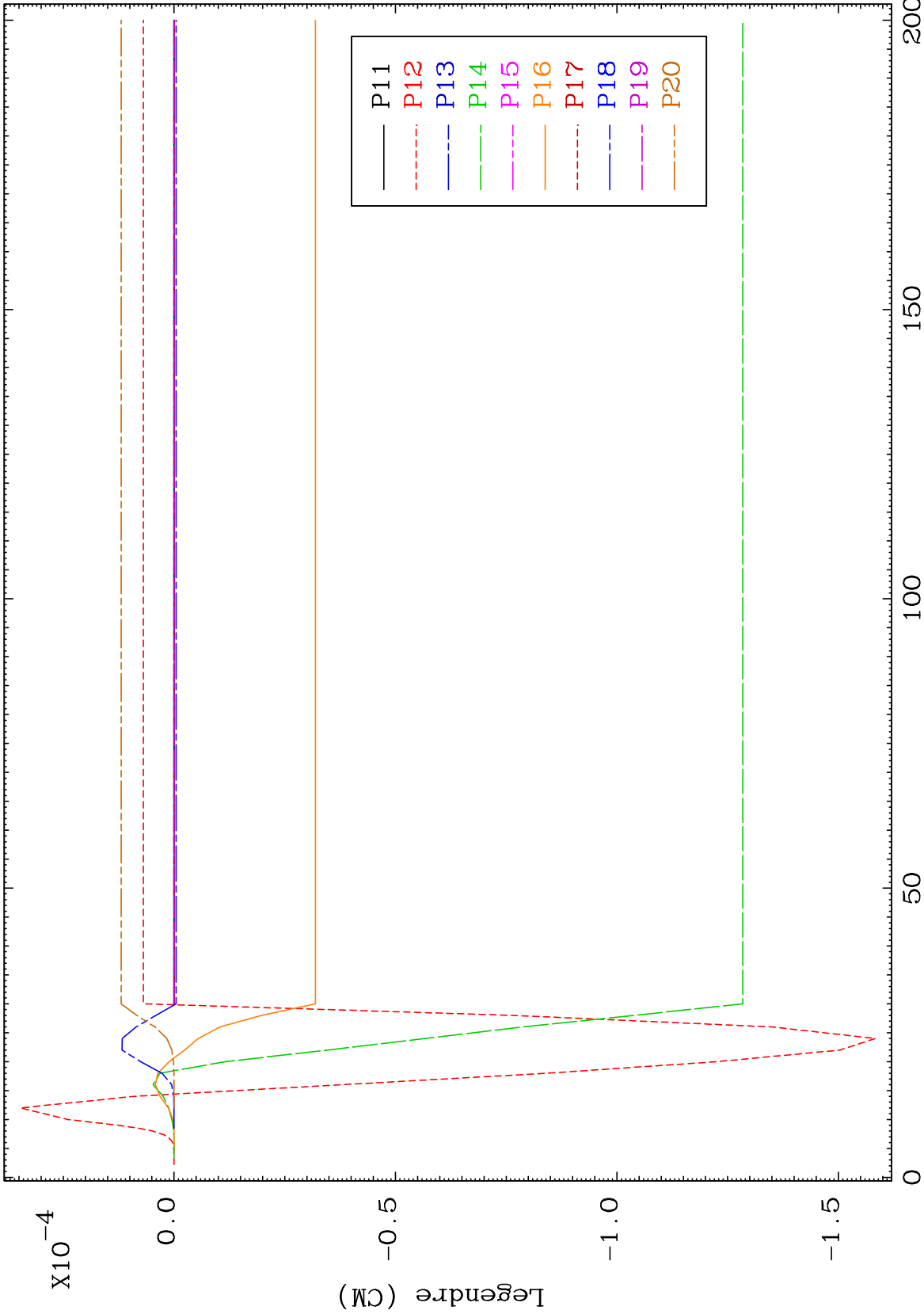
71-Lu-174



82

Incident Energy (MeV)

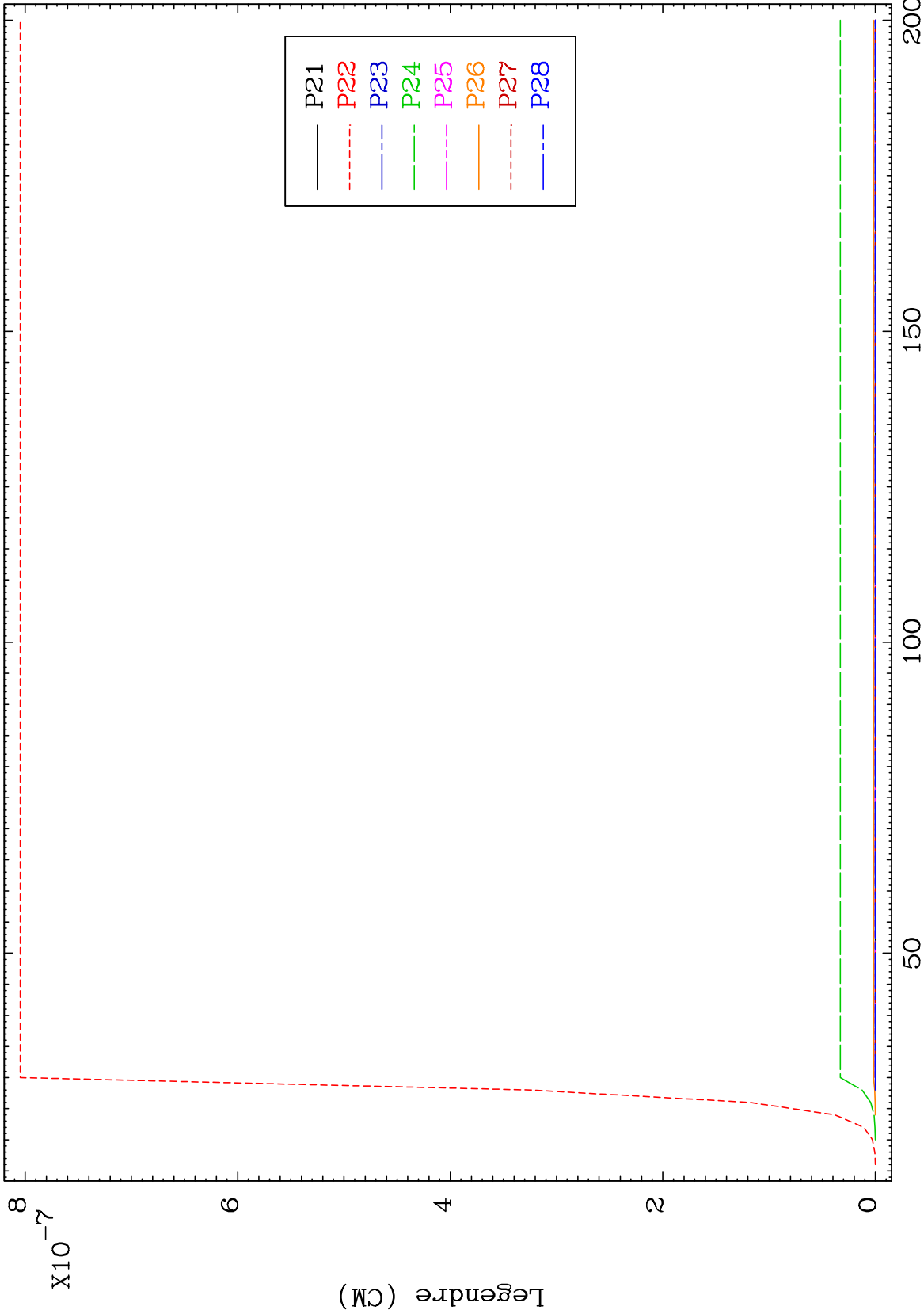
71-Lu-174



MAT 7122

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

71-Lu-174

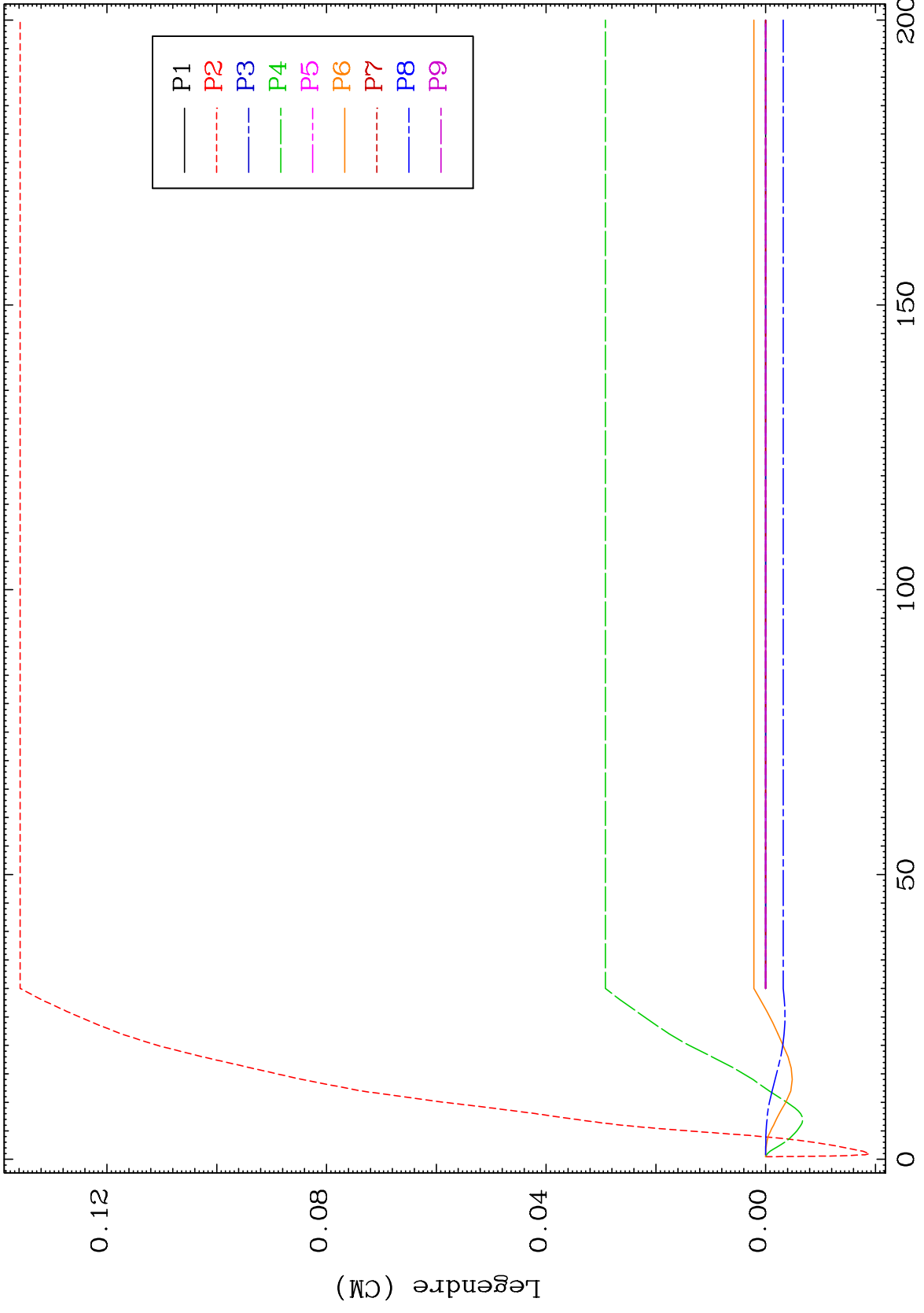


84

Incident Energy (MeV)

71-Lu-174

MAT 7122 MT= 70 (n,n') Level Legendre Coefficients 71-Lu-174

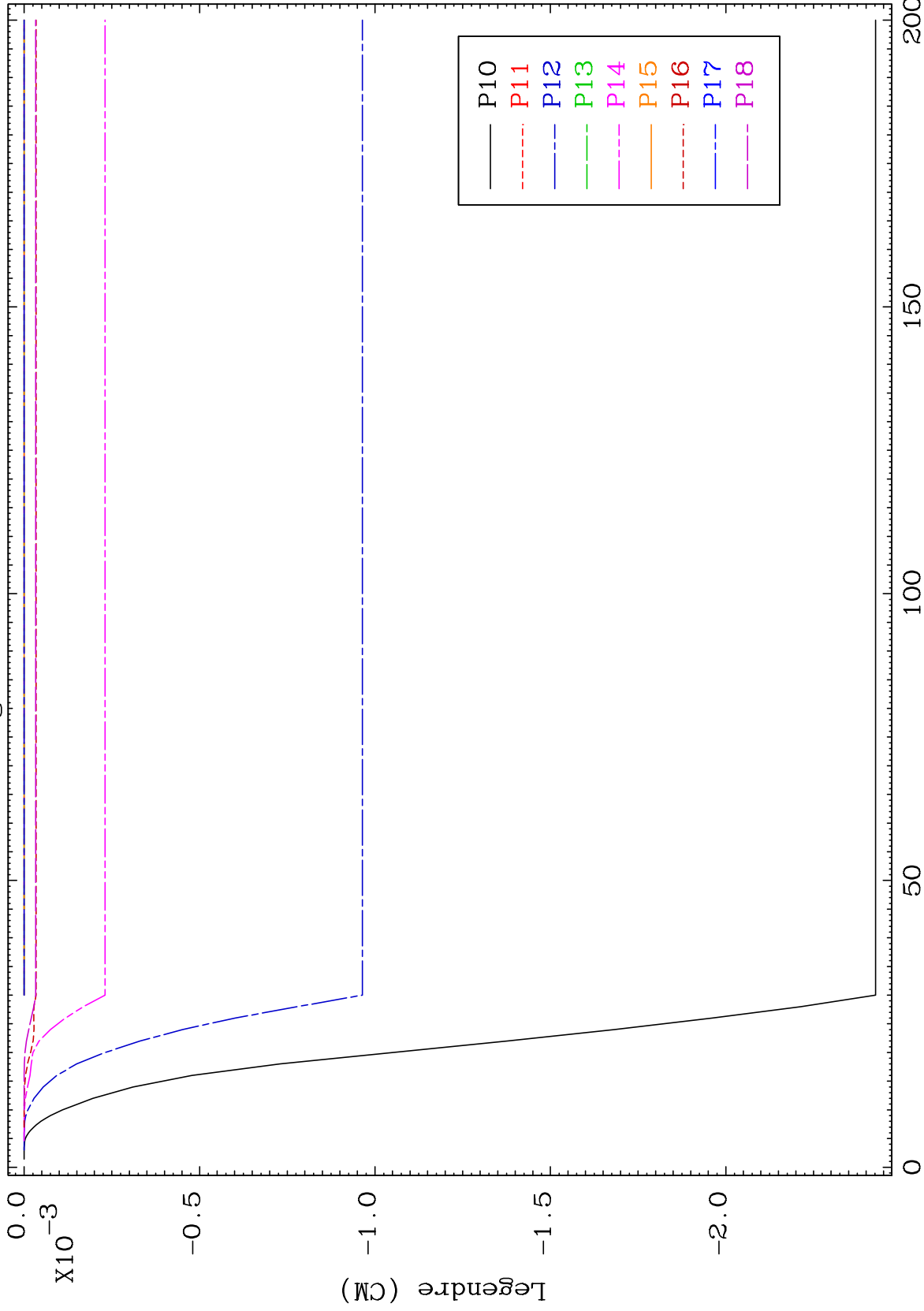


85 Incident Energy (MeV) 71-Lu-174

MAT 7122

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

71-Lu-174



86

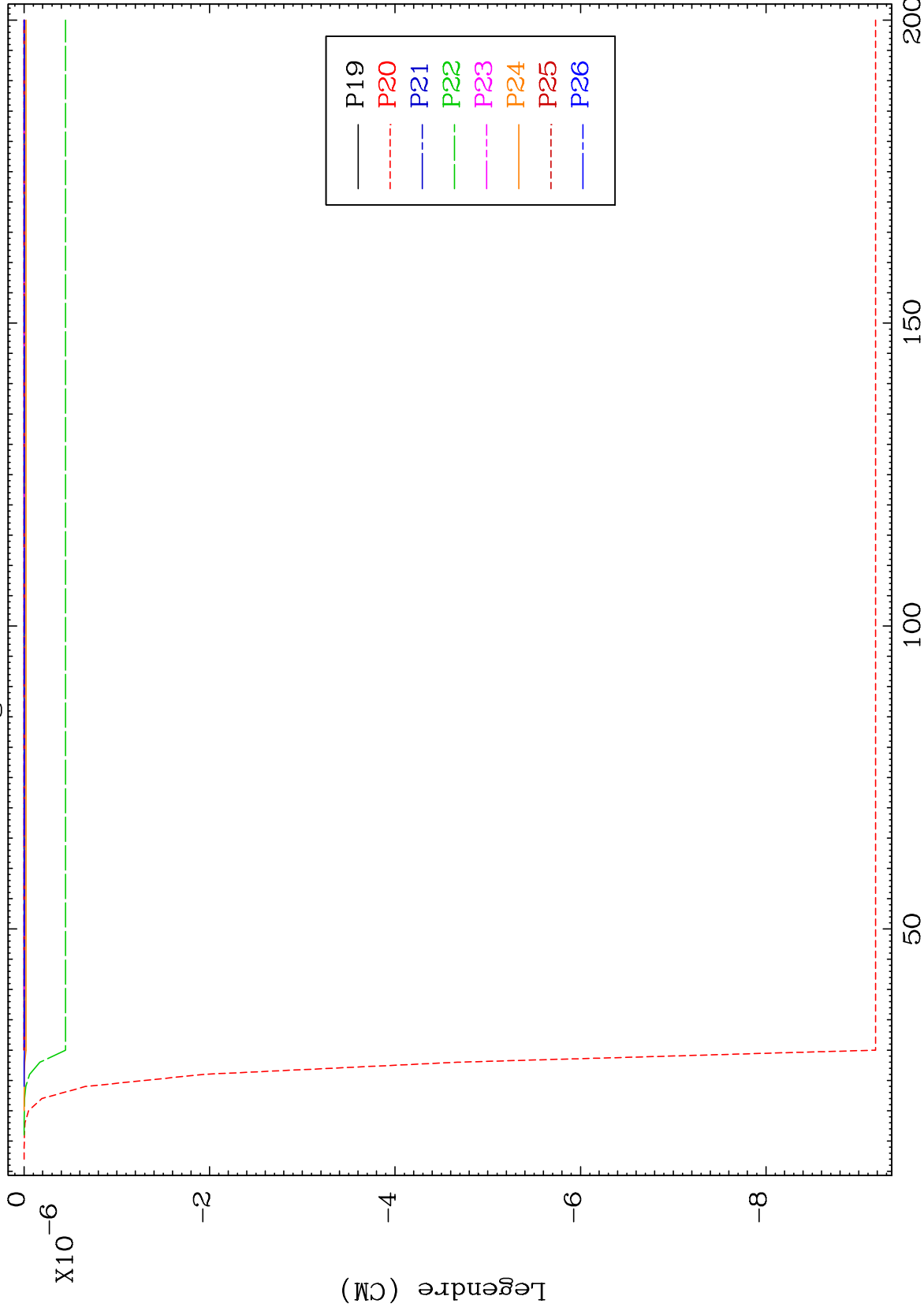
Incident Energy (MeV)

71-Lu-174

MAT 7122 MT= 70 (n,n') Level

71-Lu-174

Legendre Coefficients



71-Lu-174

Incident Energy (MeV)

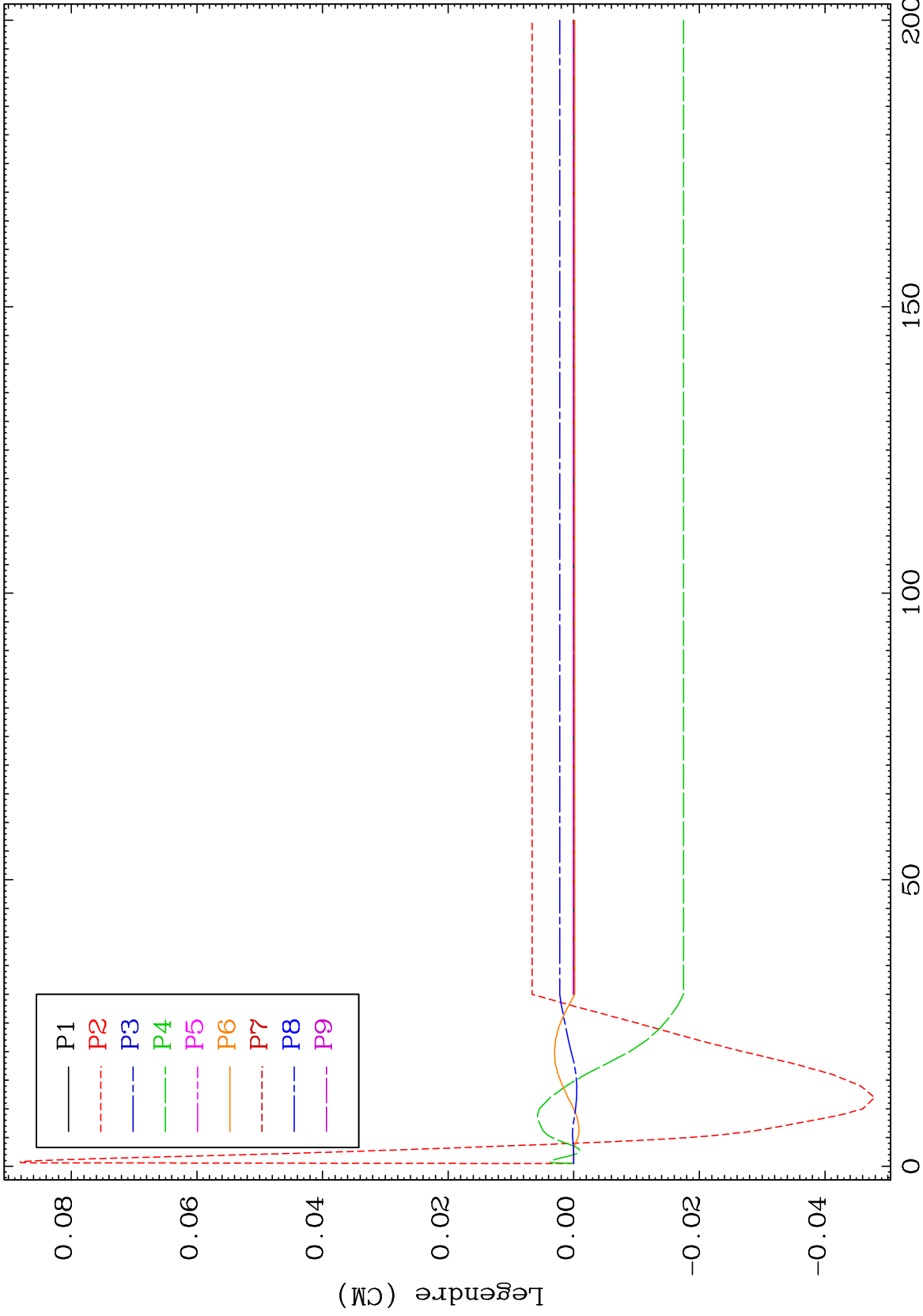
87



MAT 7122

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

71-Lu-174



88

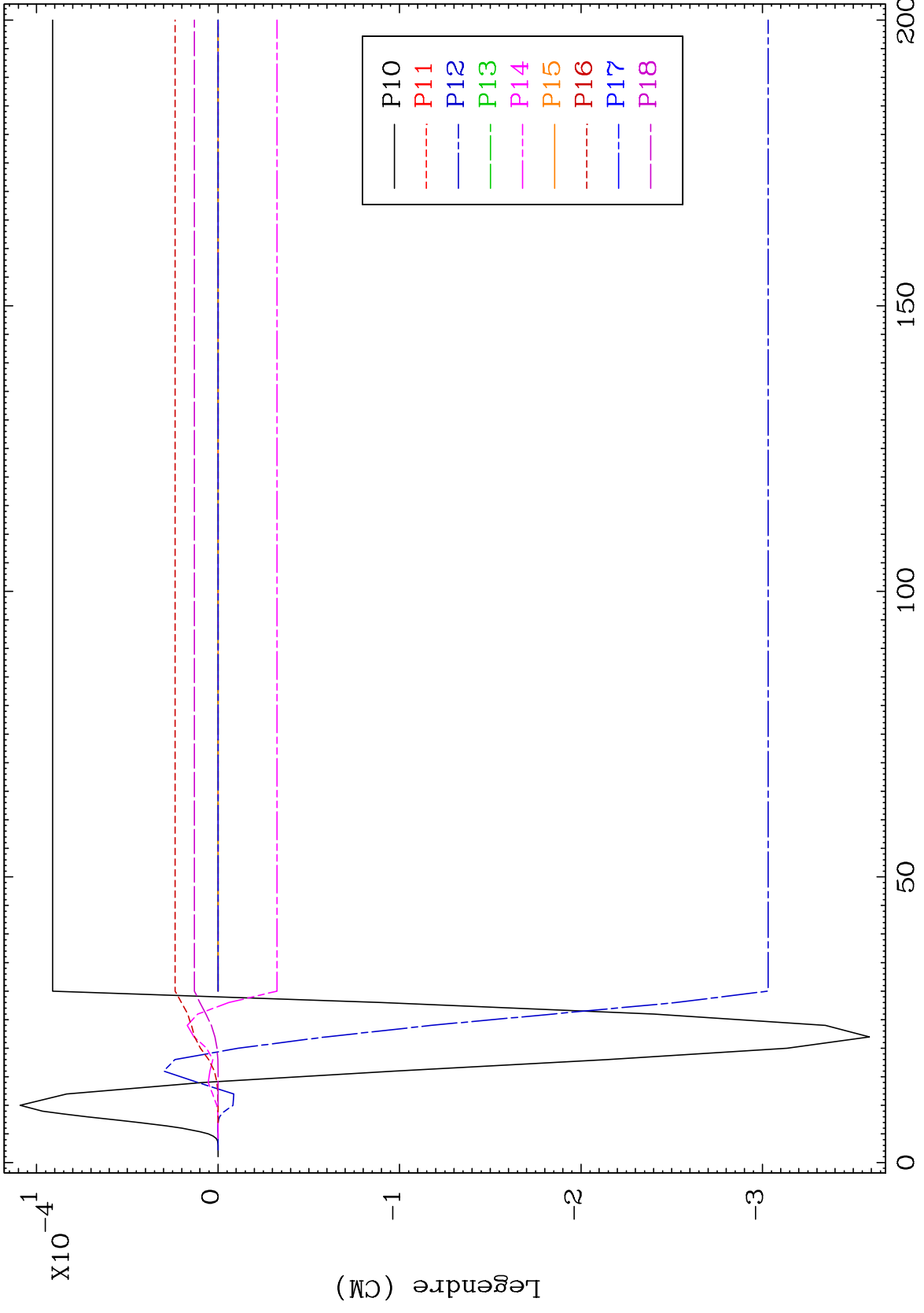
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174

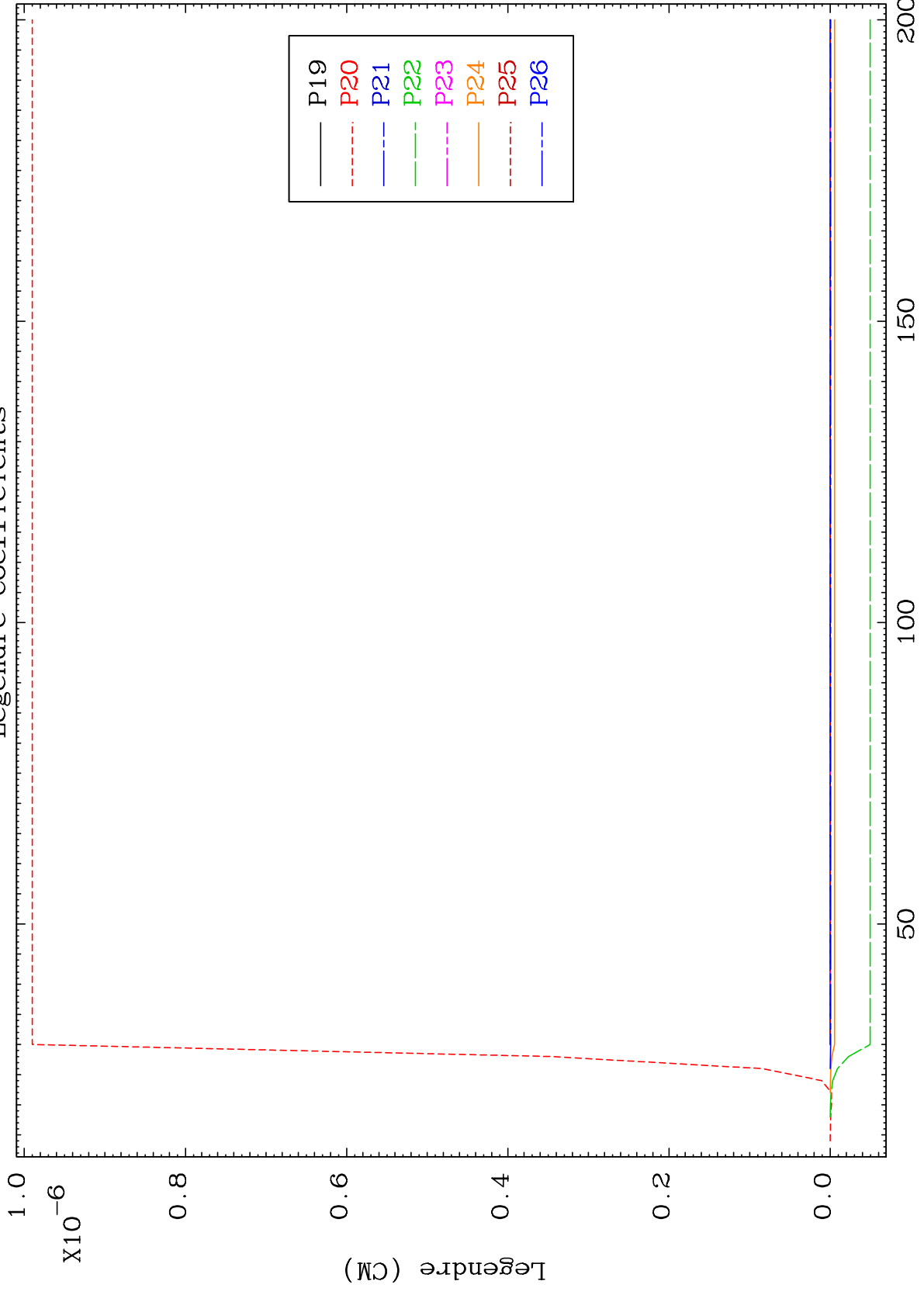


89

Incident Energy (MeV)

71-Lu-174

MAT 7122 MT= 71 (n,n') Level Legendre Coefficients 71-Lu-174

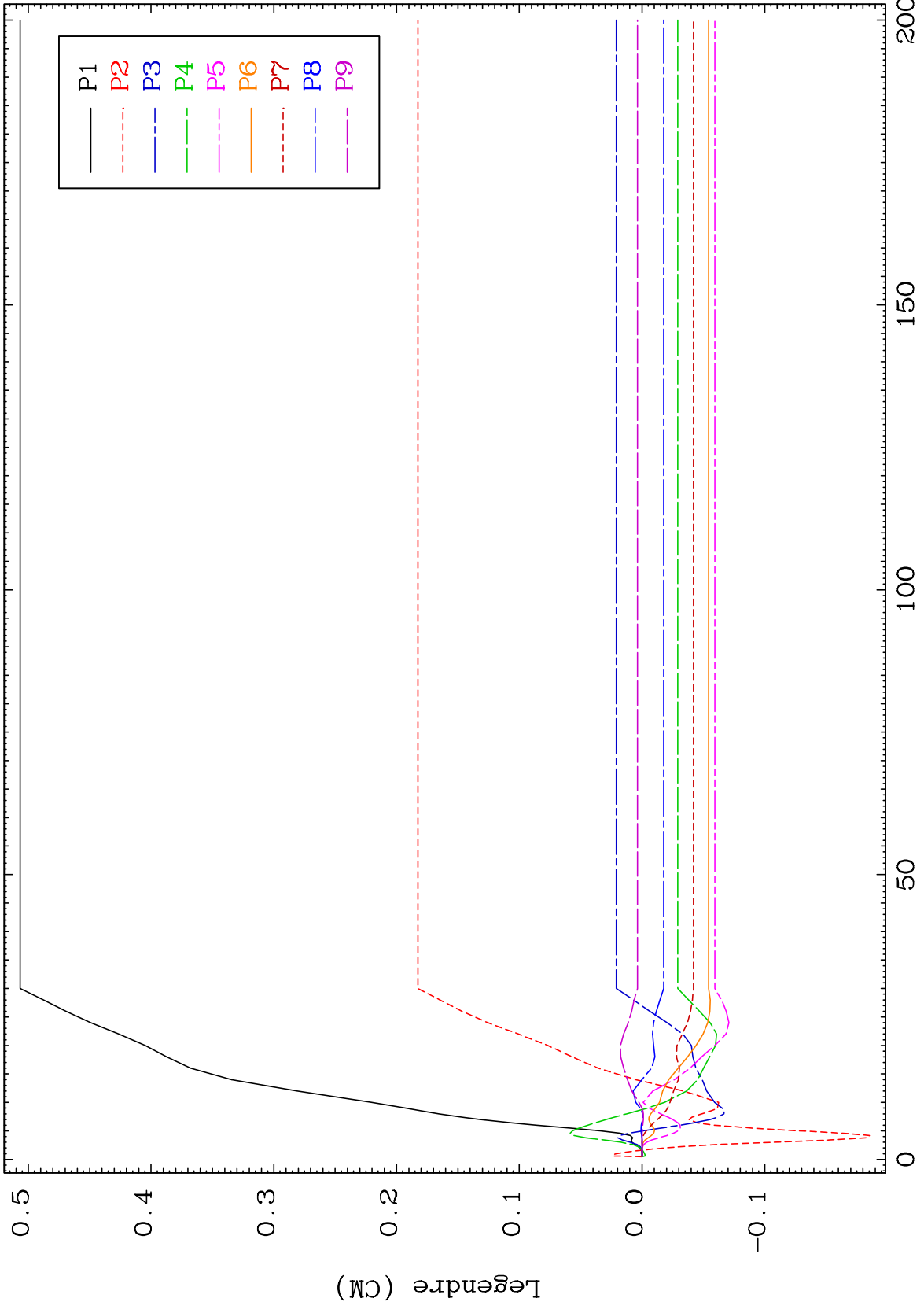


71-Lu-174

MAT 7122

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

71-Lu-174



91

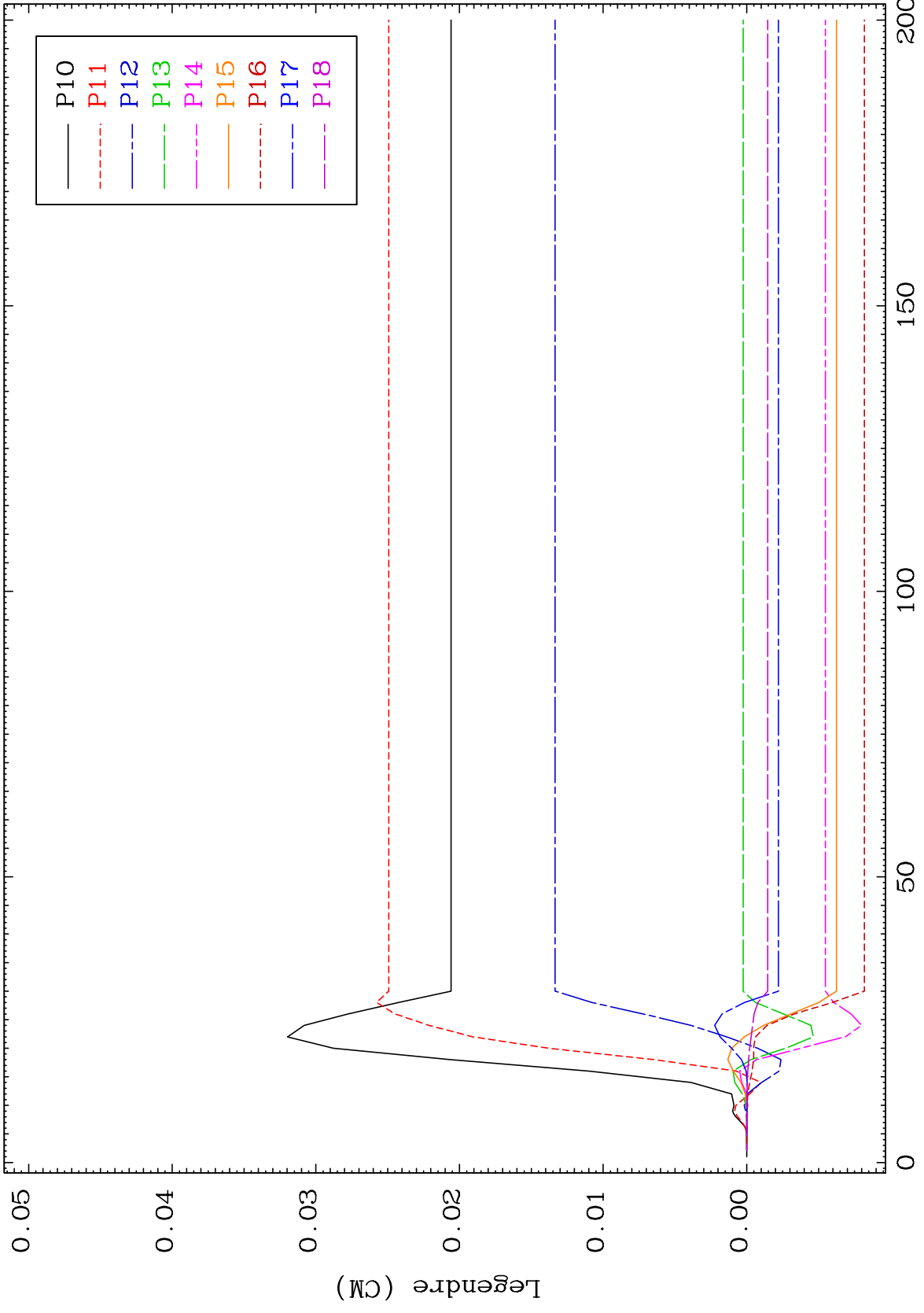
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



92

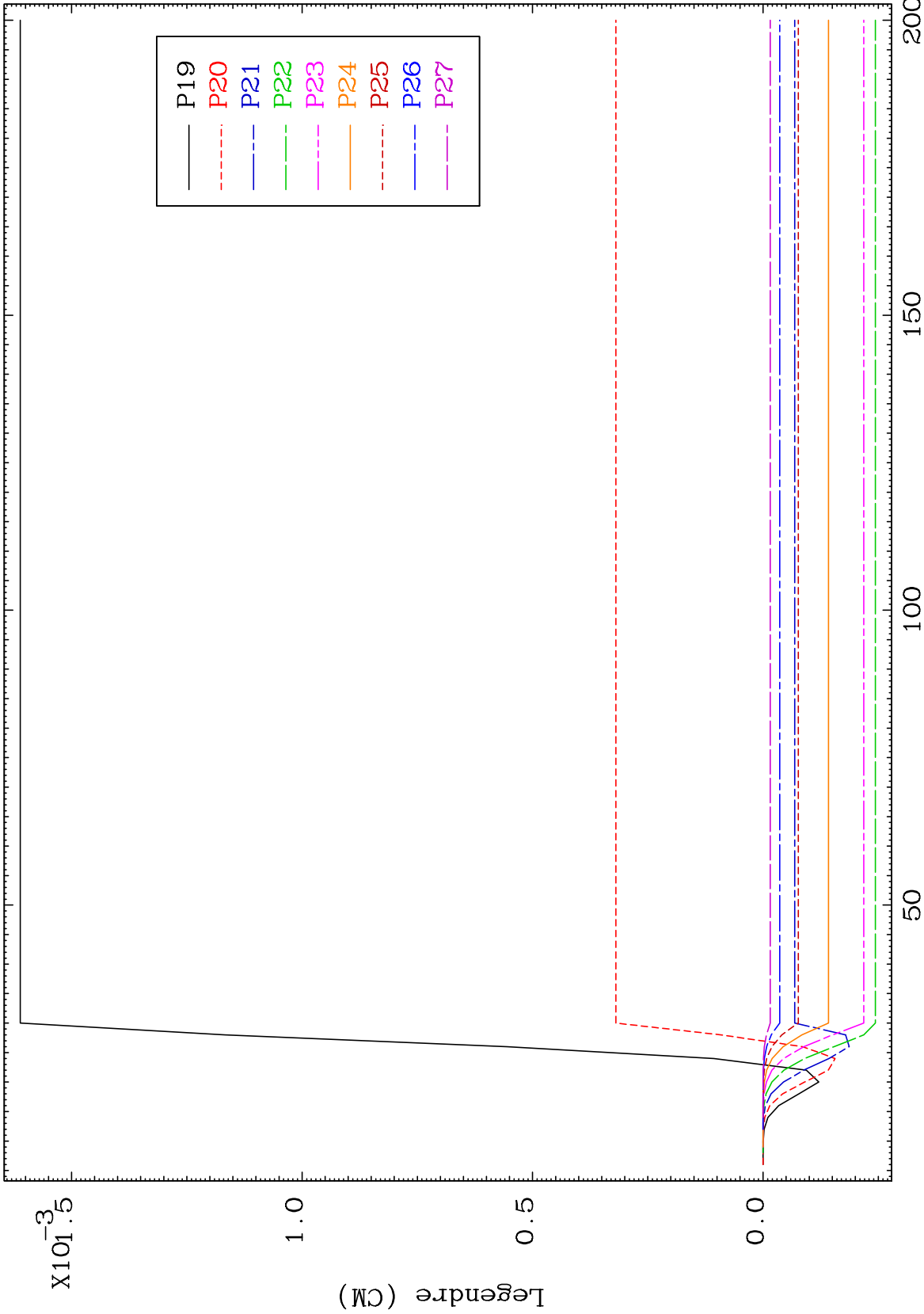
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



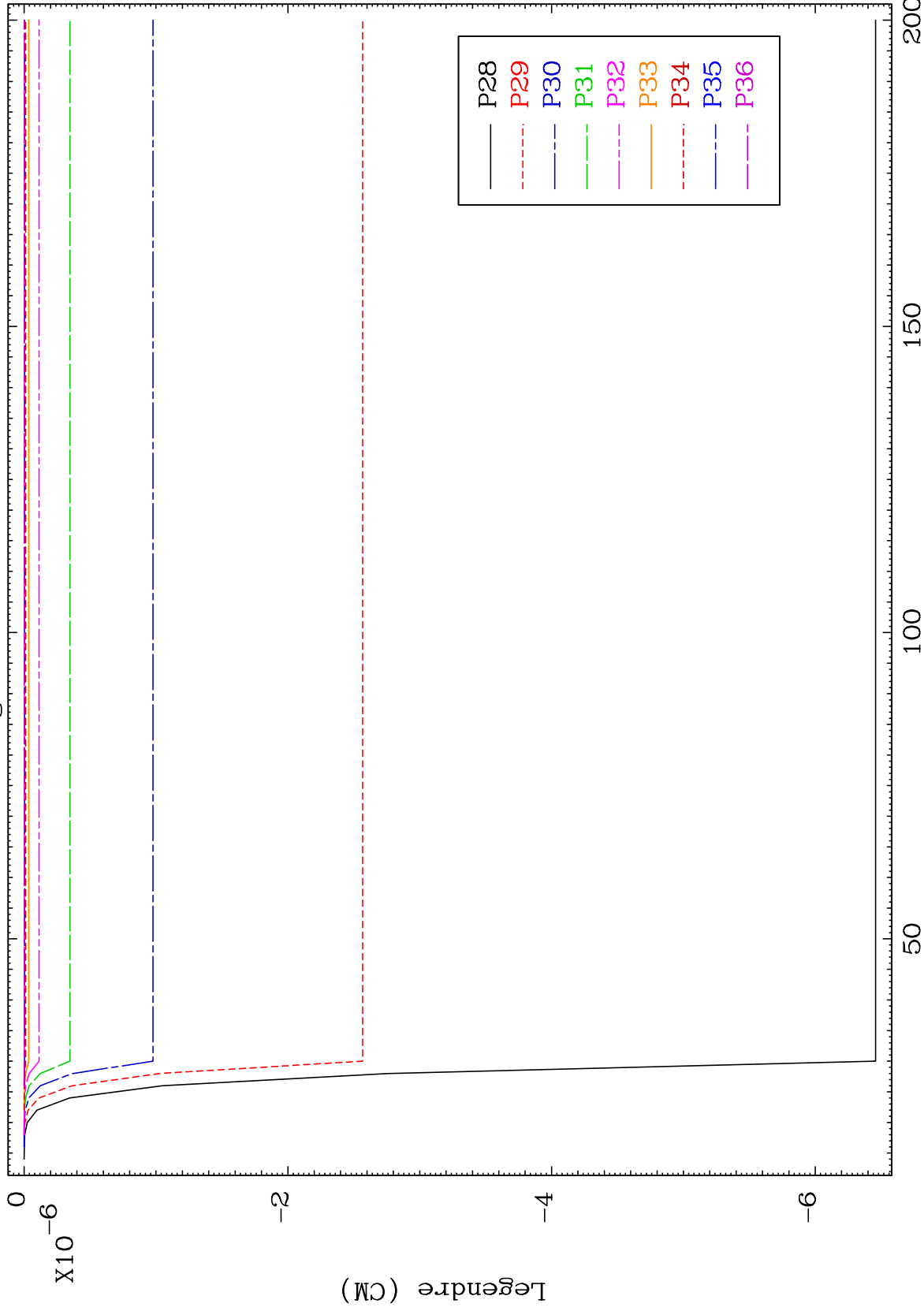
93

71-Lu-174

MAT 7122

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

71-Lu-174



71-Lu-174

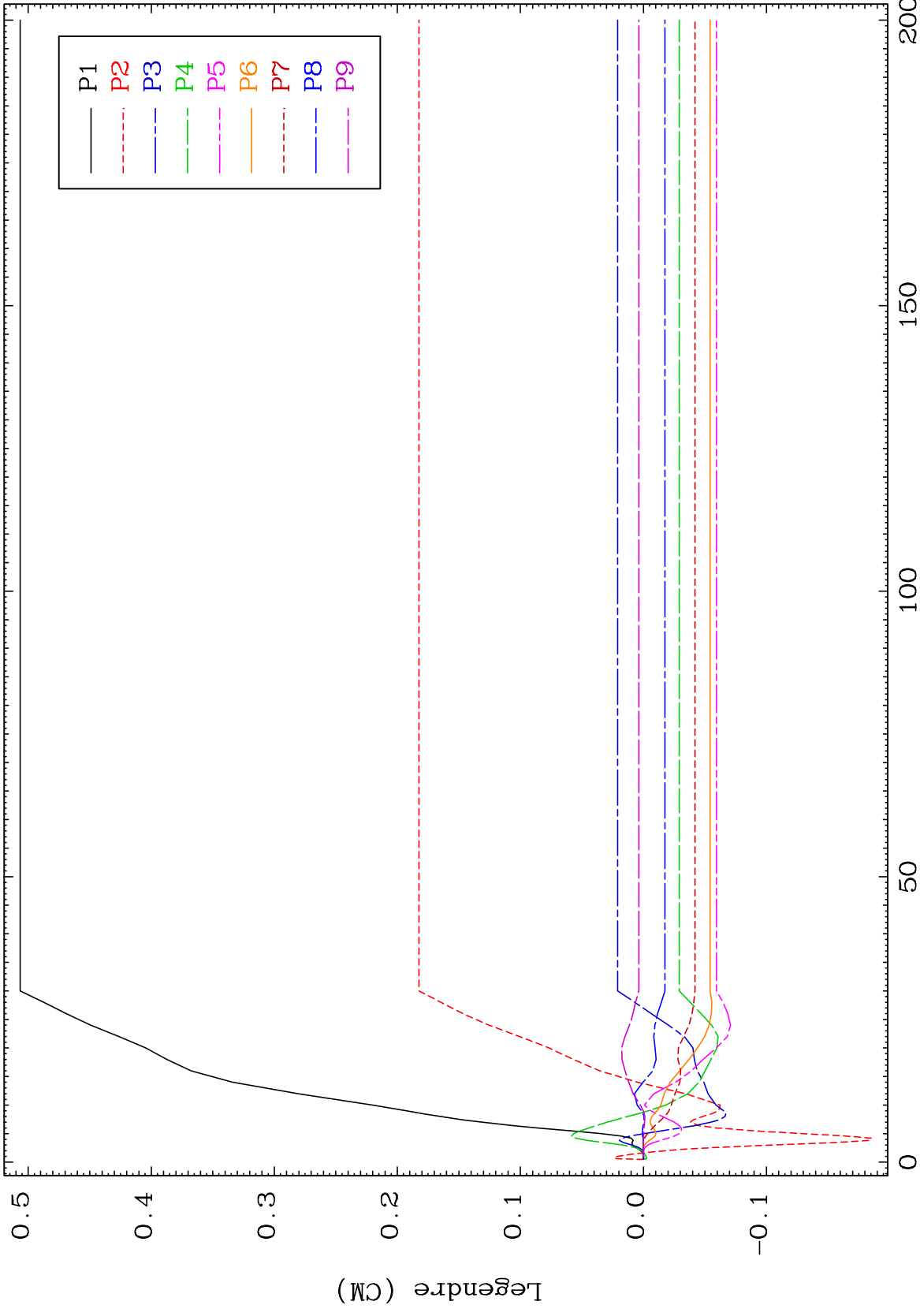
Incident Energy (MeV)

94

MAT 7122

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

71-Lu-174



95

Incident Energy (MeV)

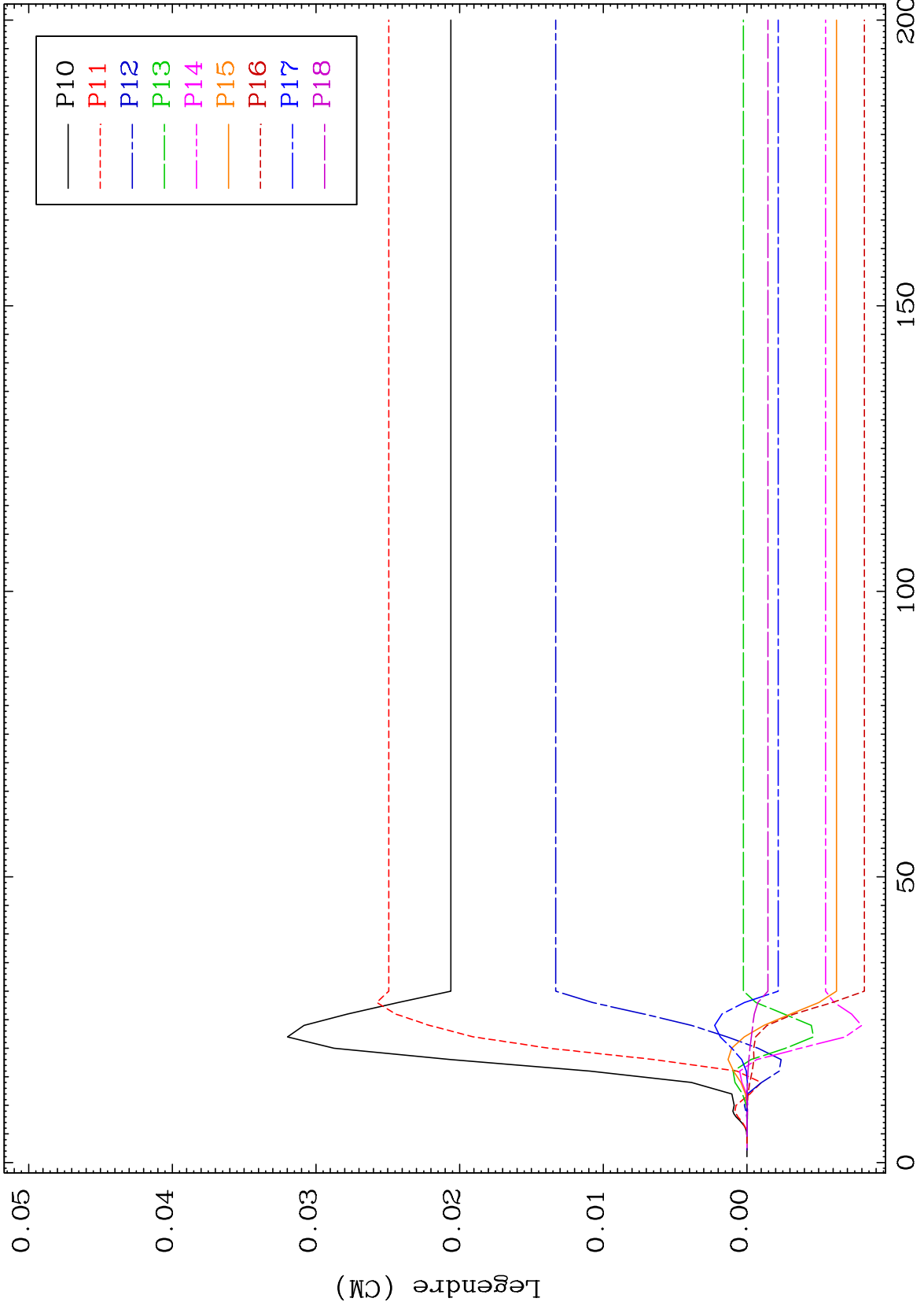
71-Lu-174



MAT 7122

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

71-Lu-174



96

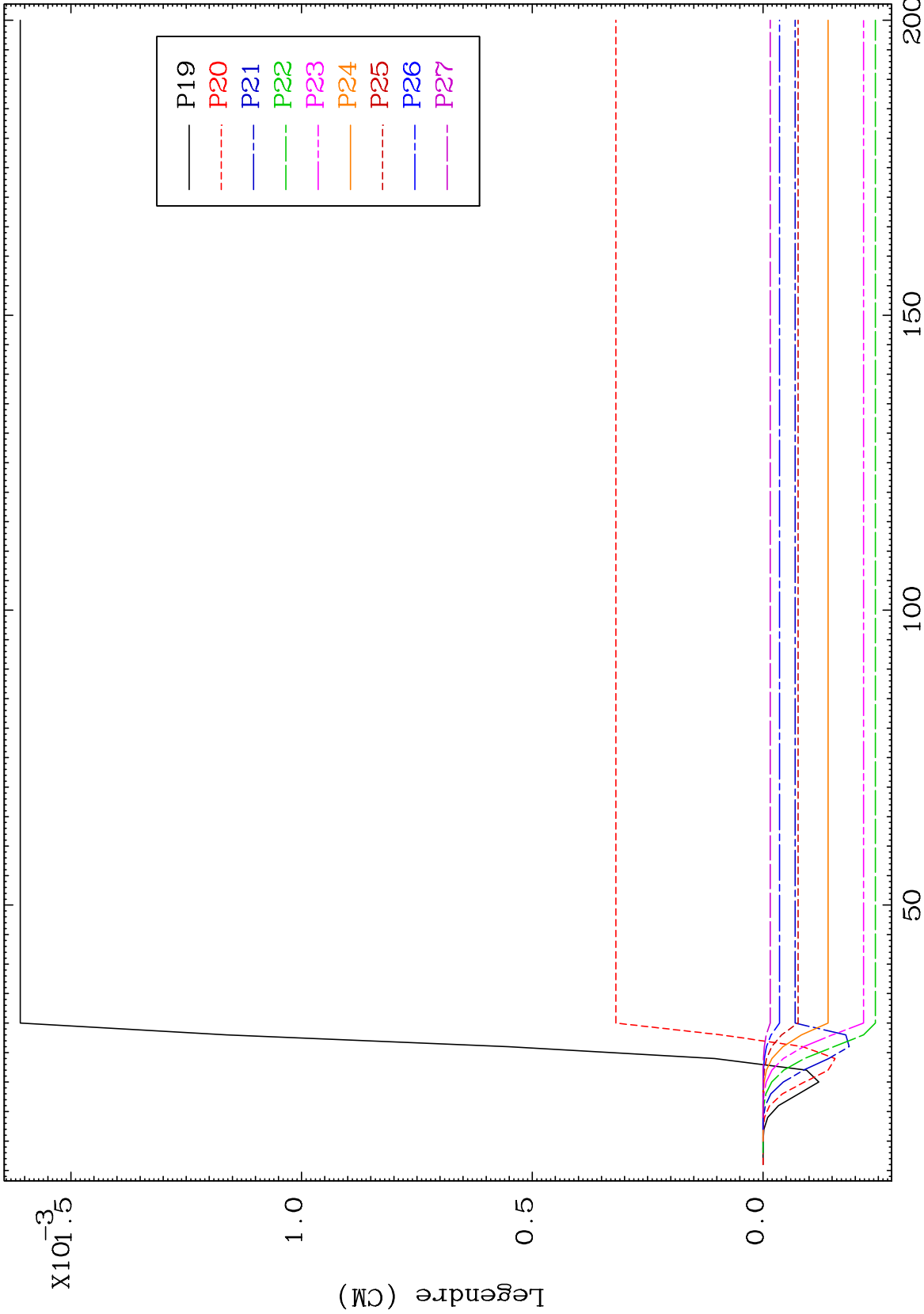
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



97

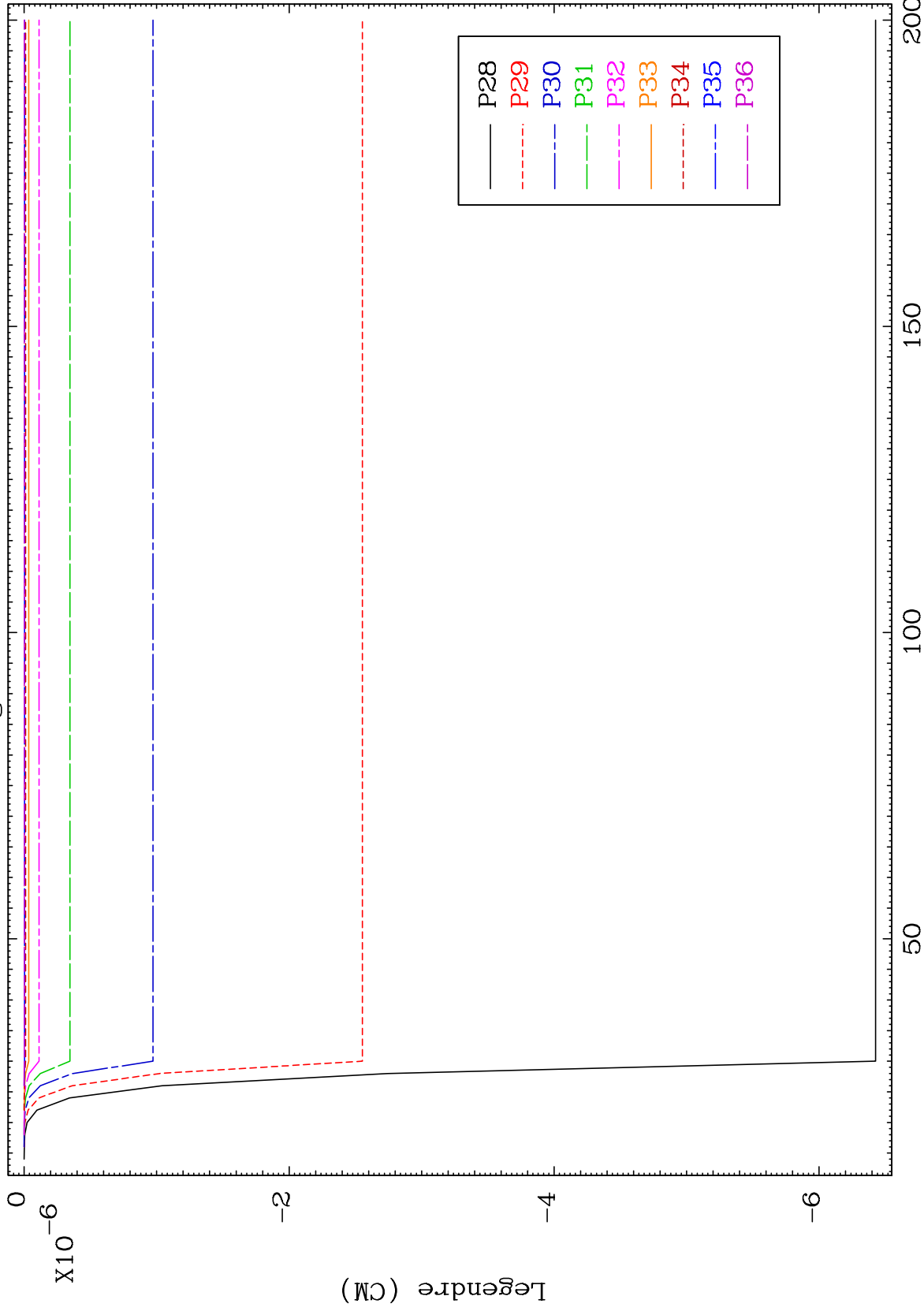
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

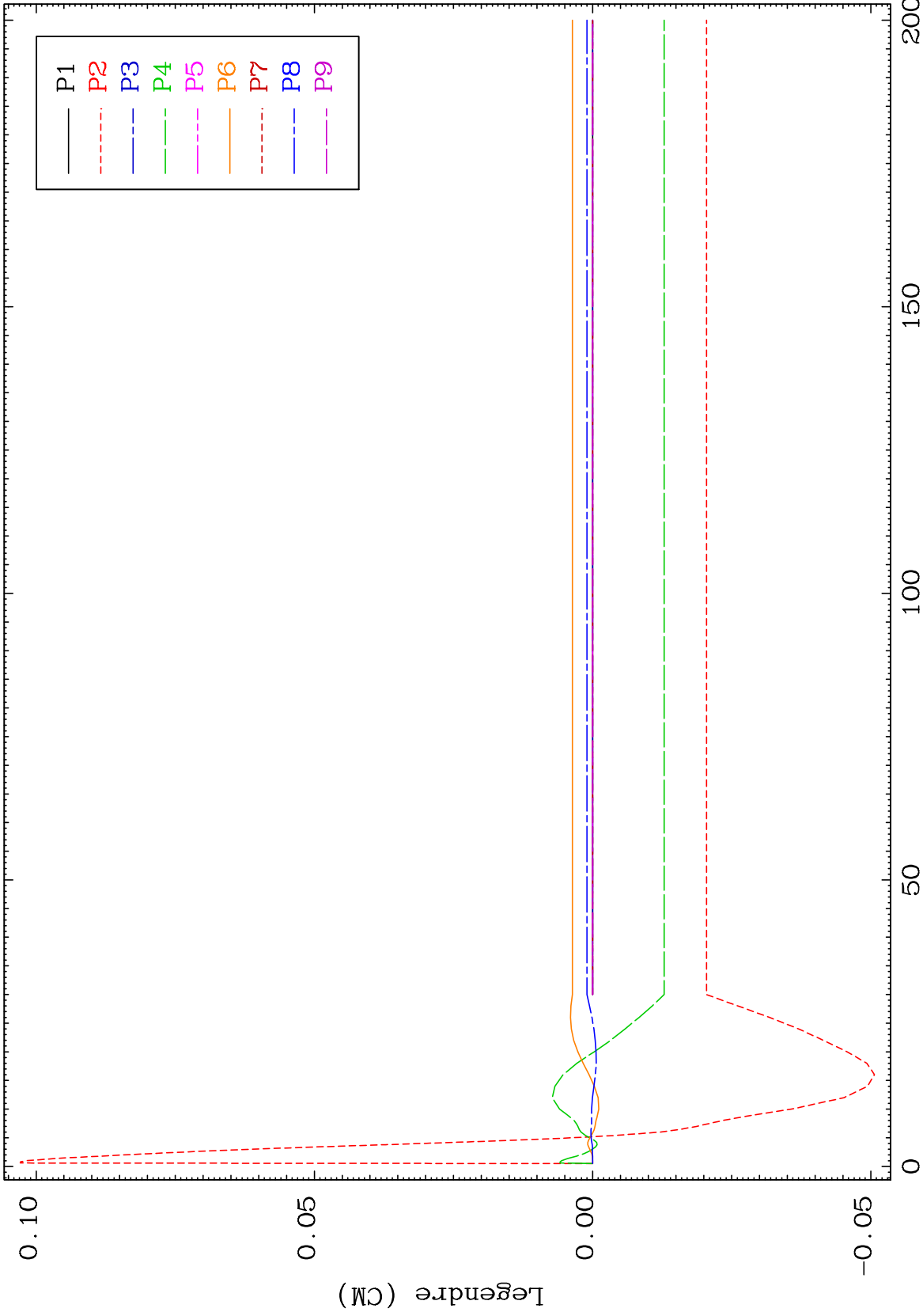
71-Lu-174



MAT 7122

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

71-Lu-174



99

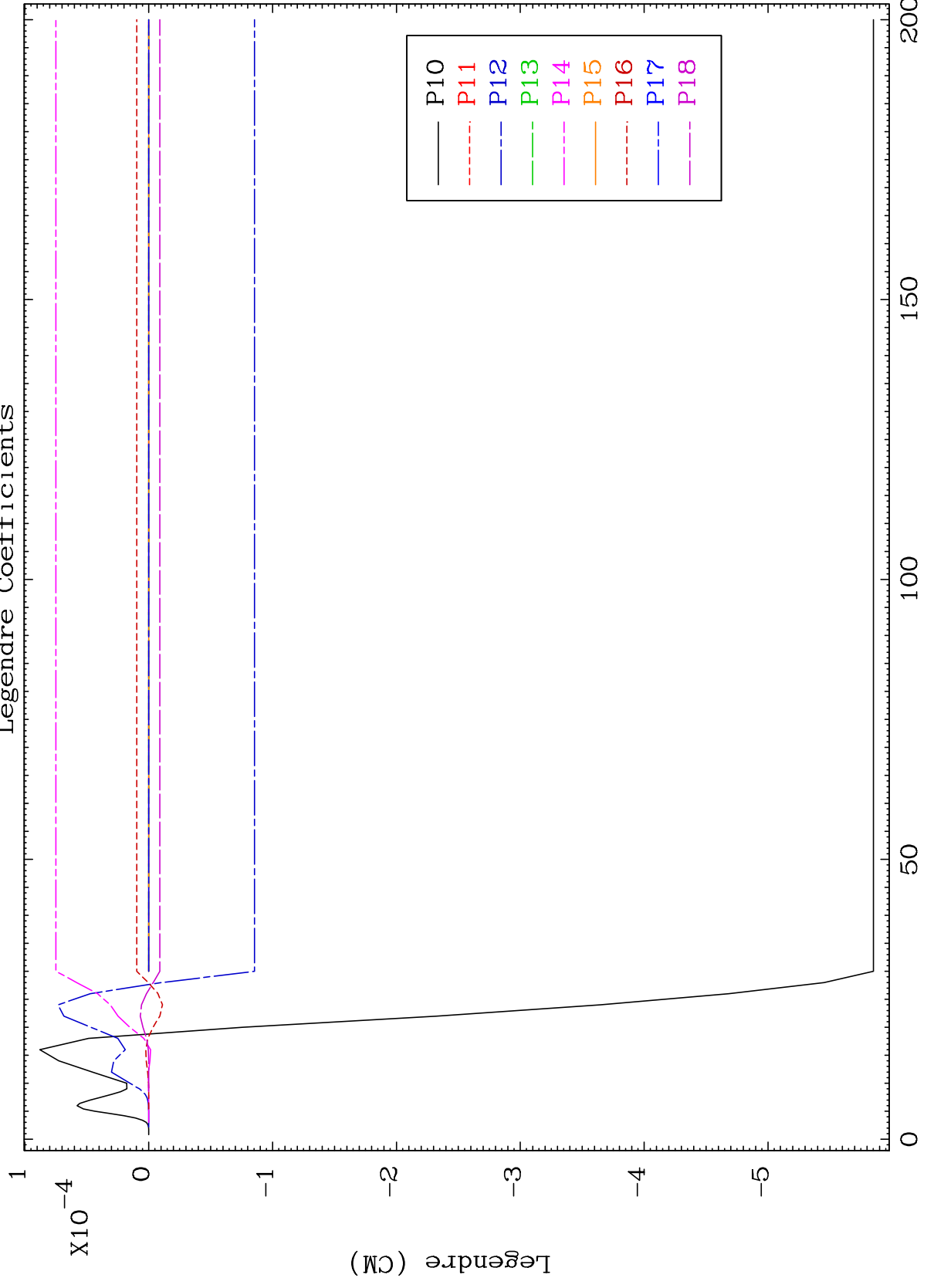
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



71-Lu-174

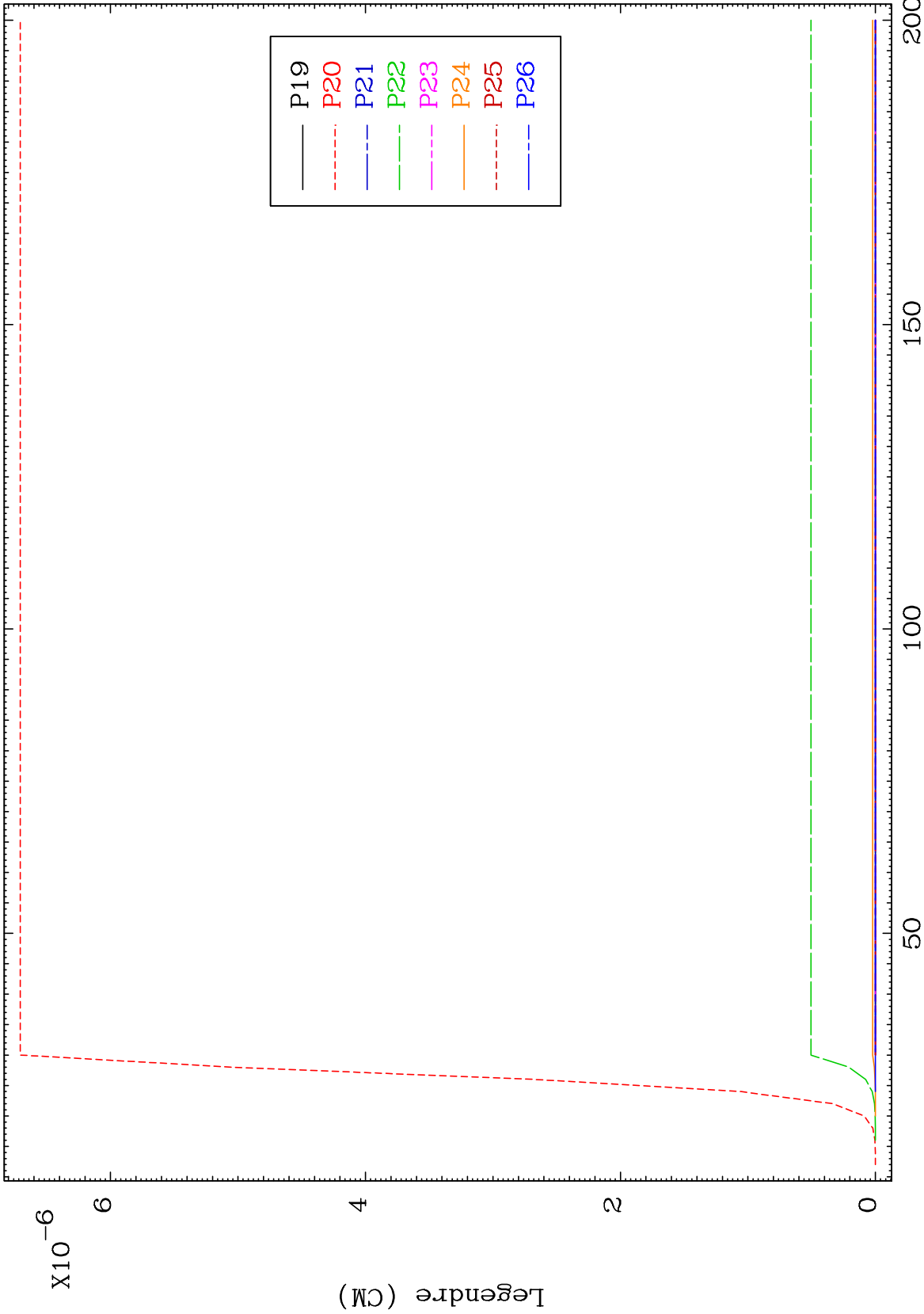
Incident Energy (MeV)

100

MAT 7122

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

71-Lu-174



101

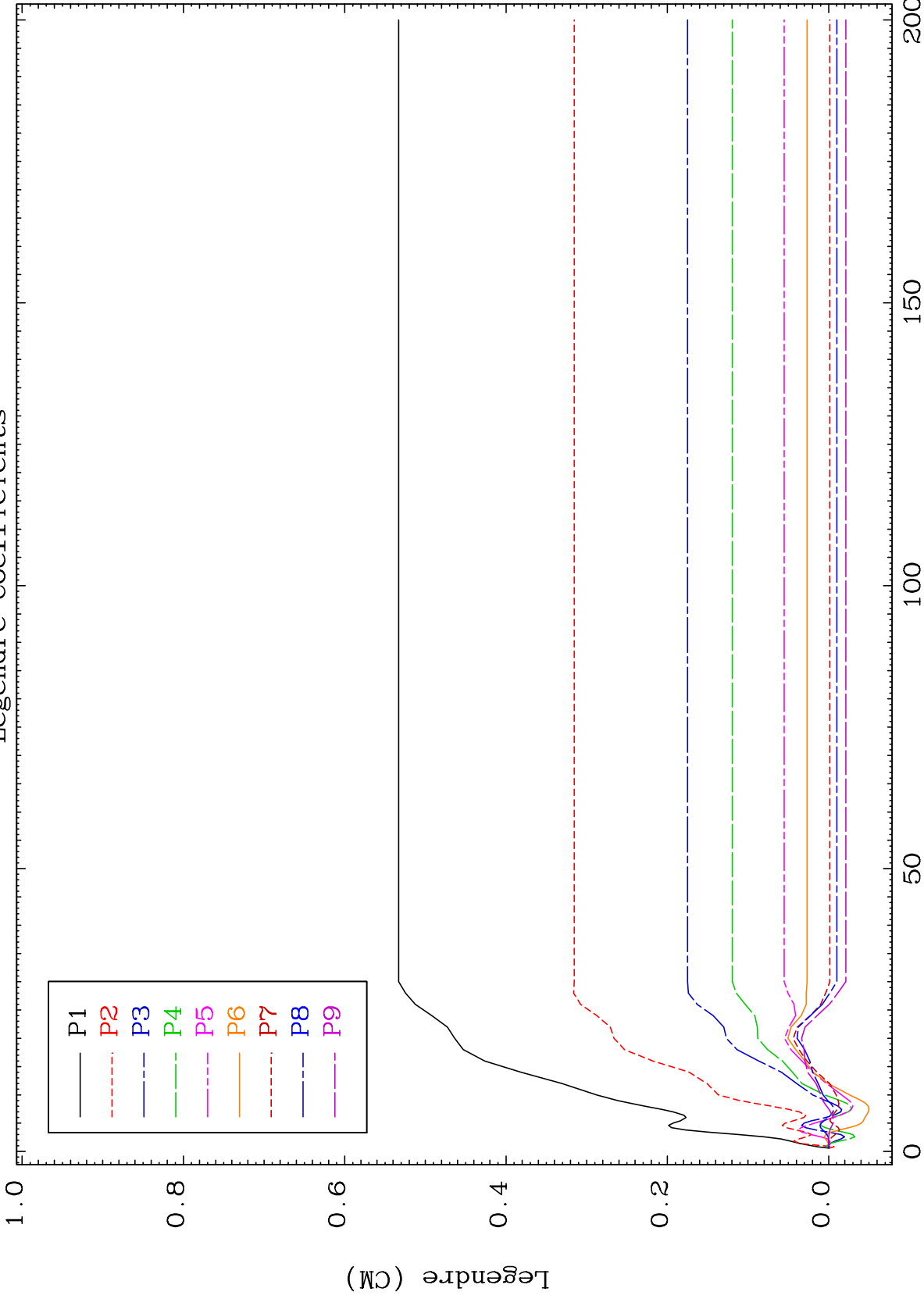
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174

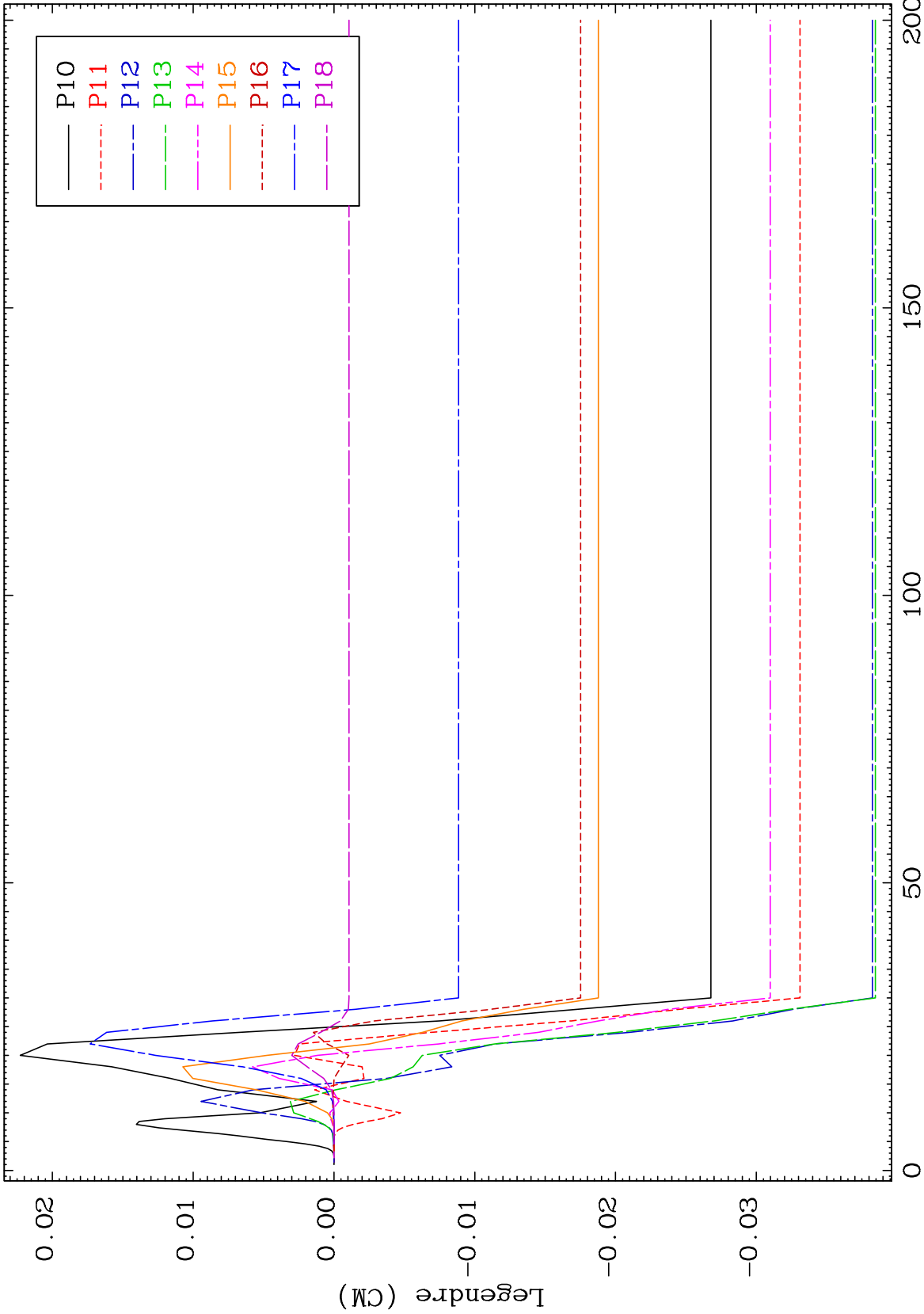


102

MAT 7122

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

71-Lu-174

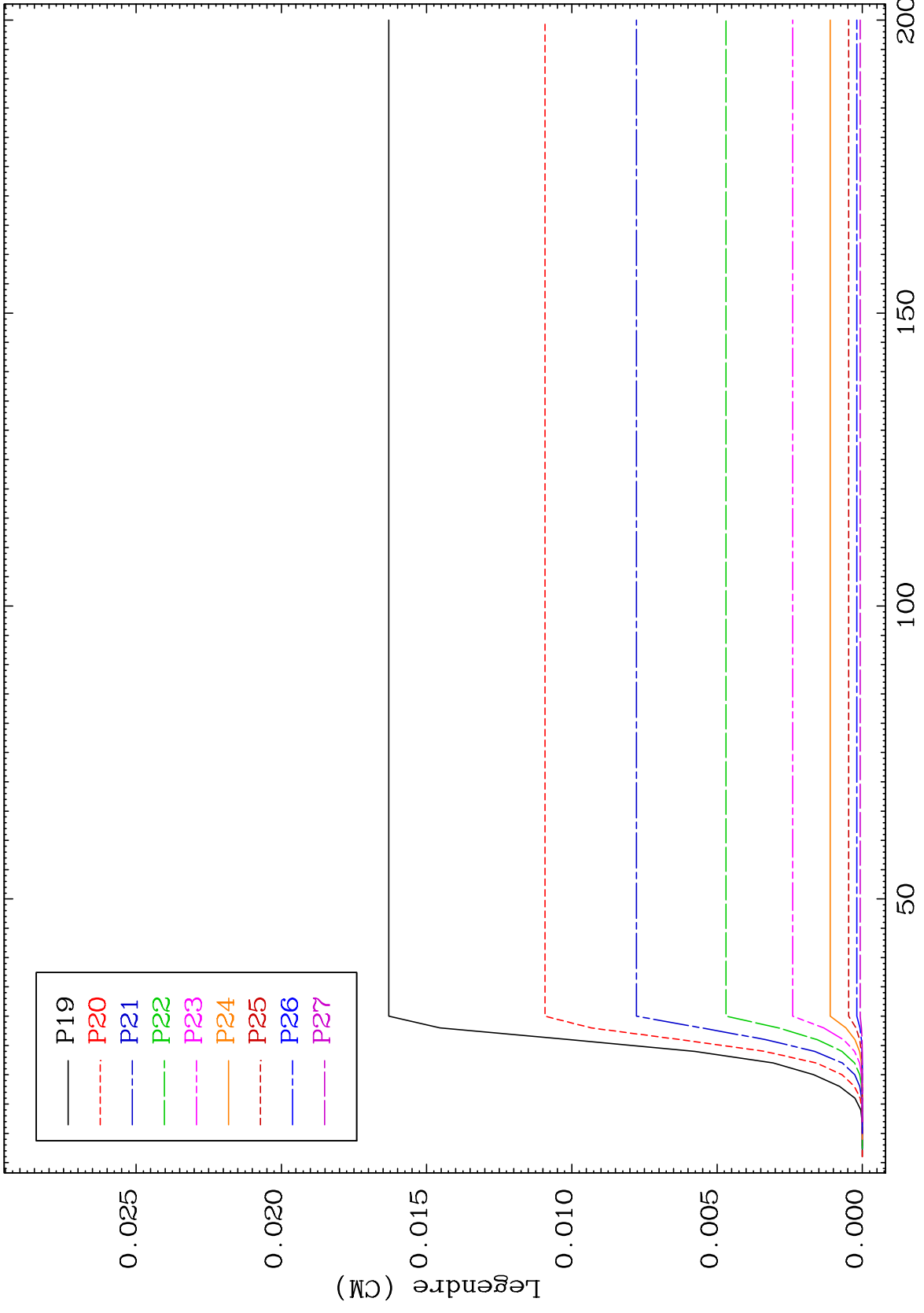


103

Incident Energy (MeV)

71-Lu-174

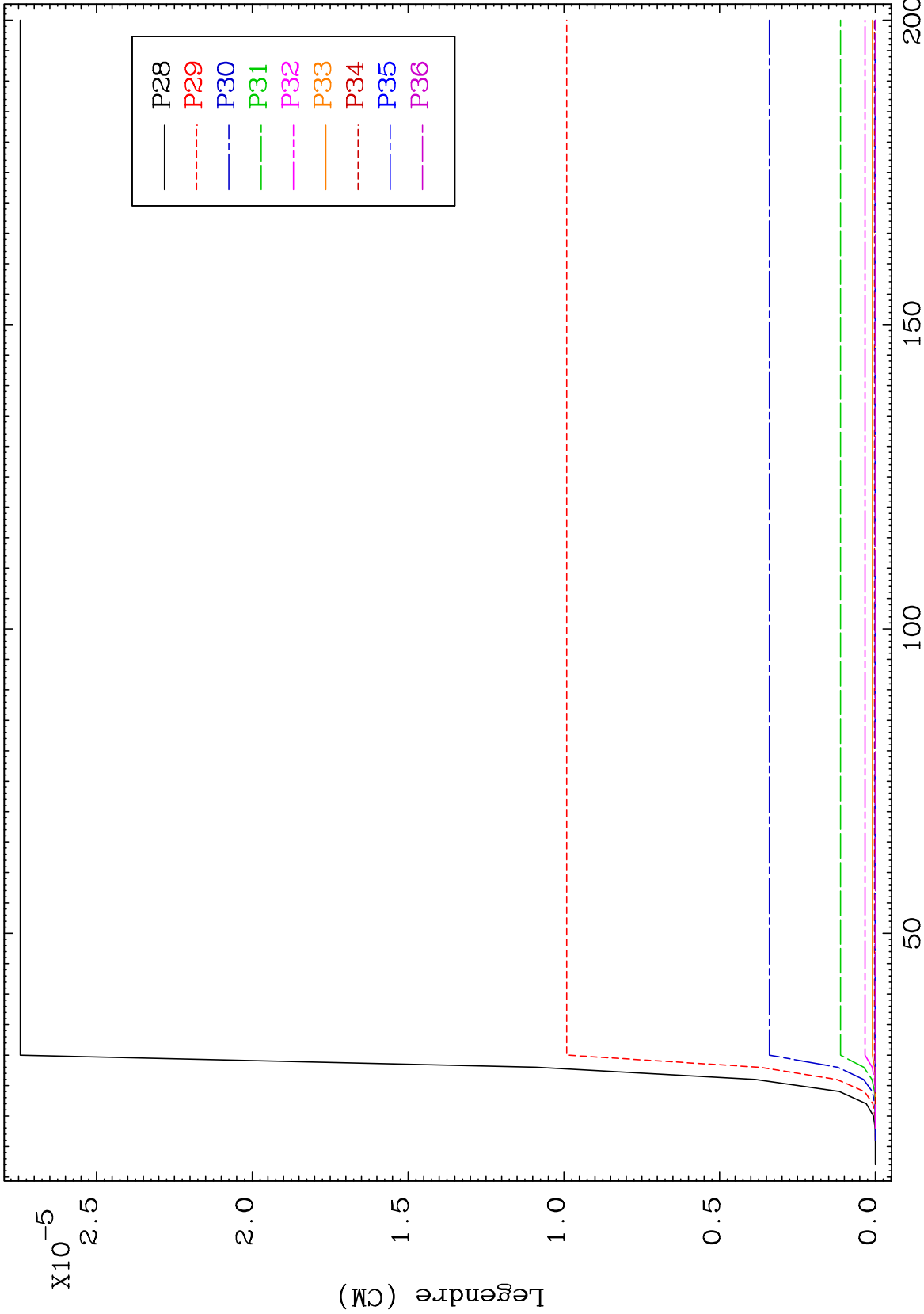




MAT 7122

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

71-Lu-174



105

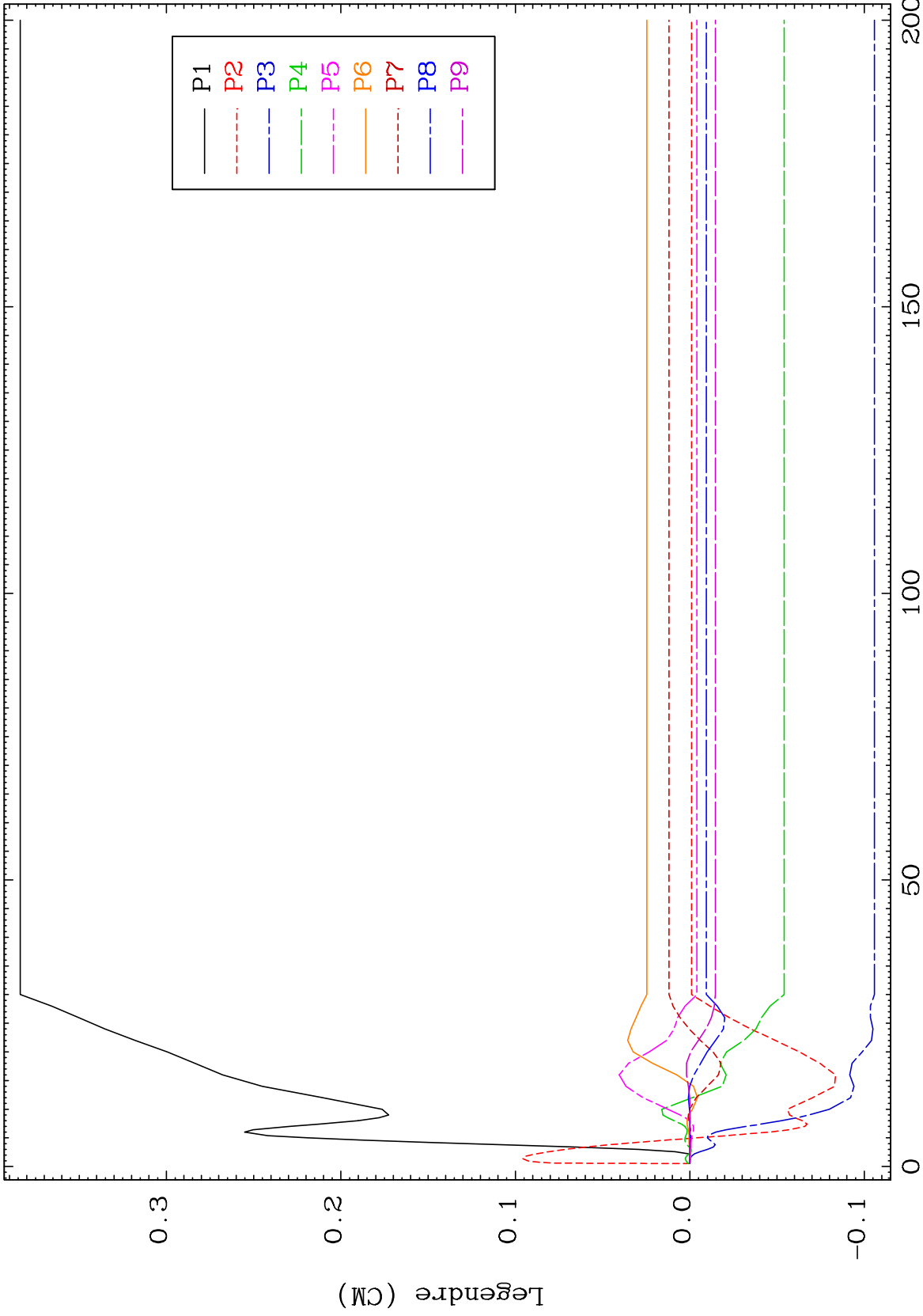
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



106

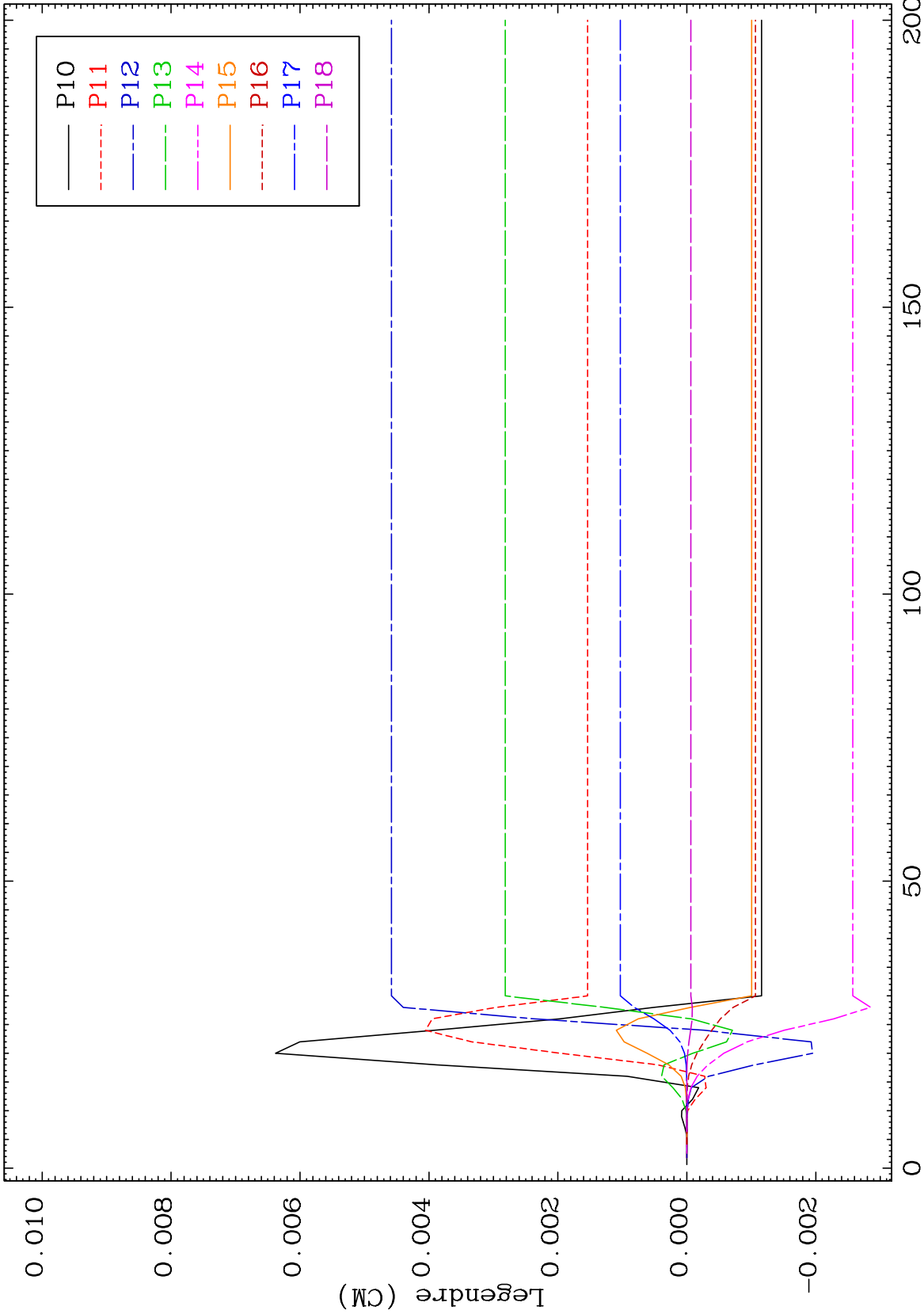
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



107

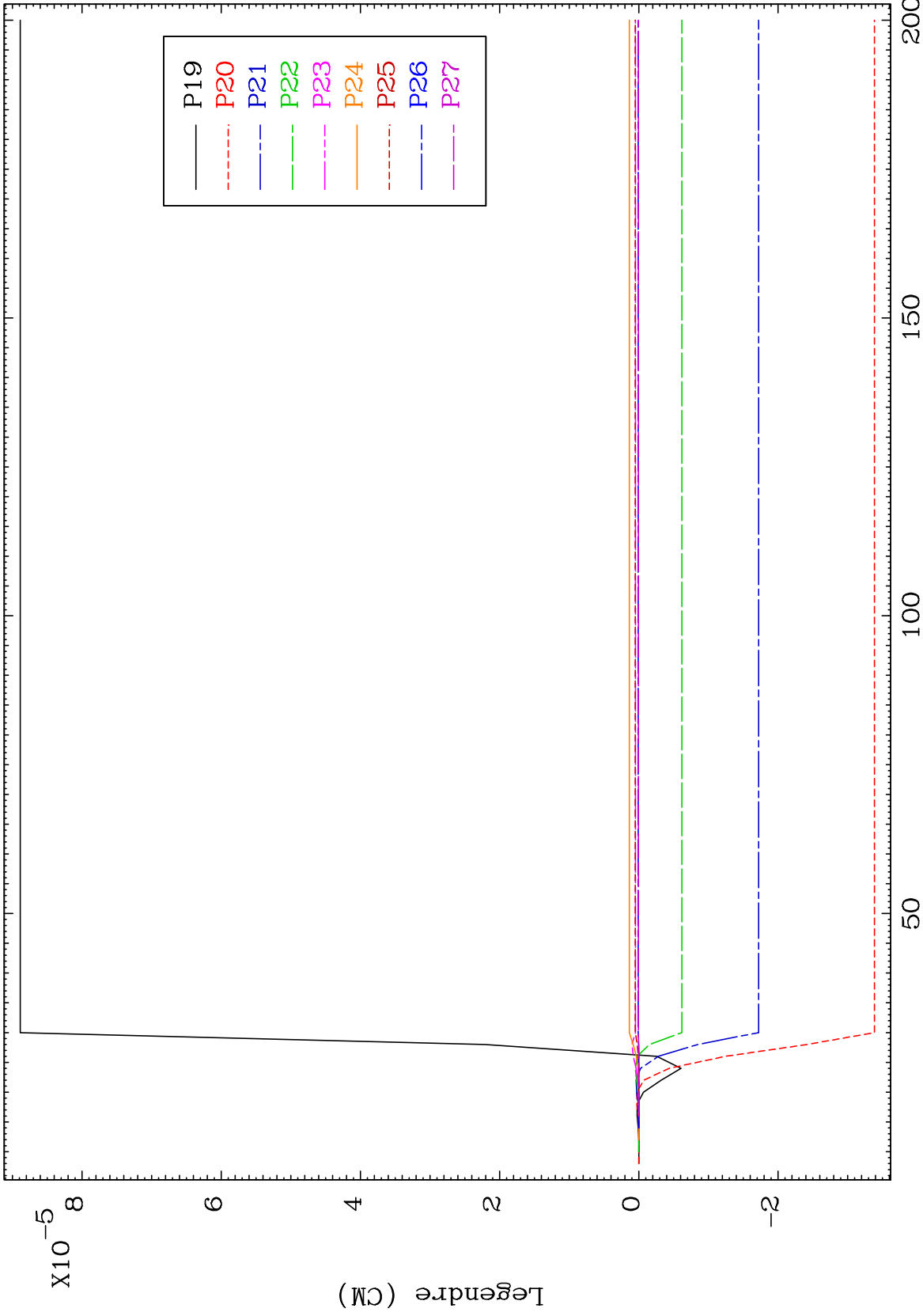
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



108

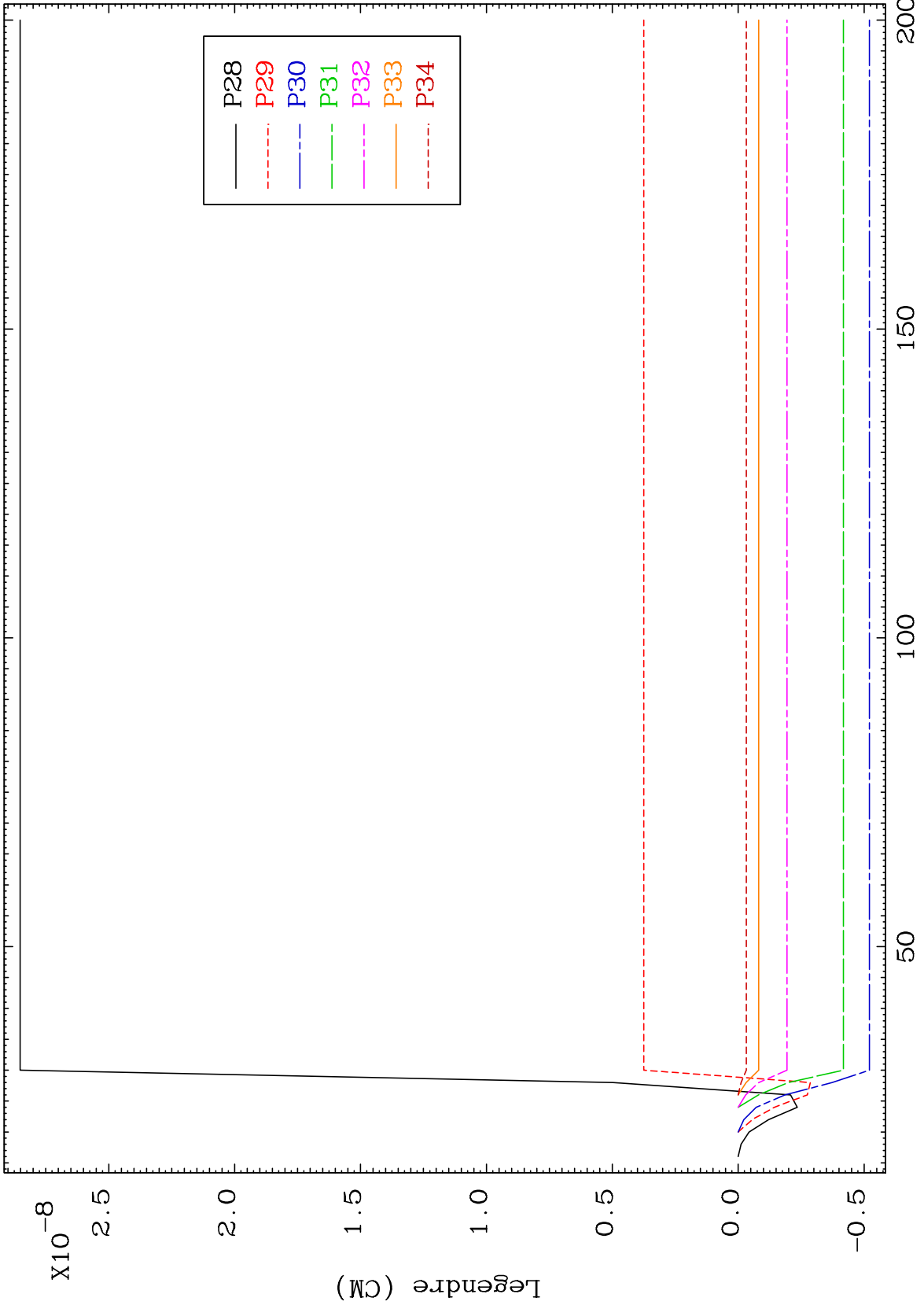
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



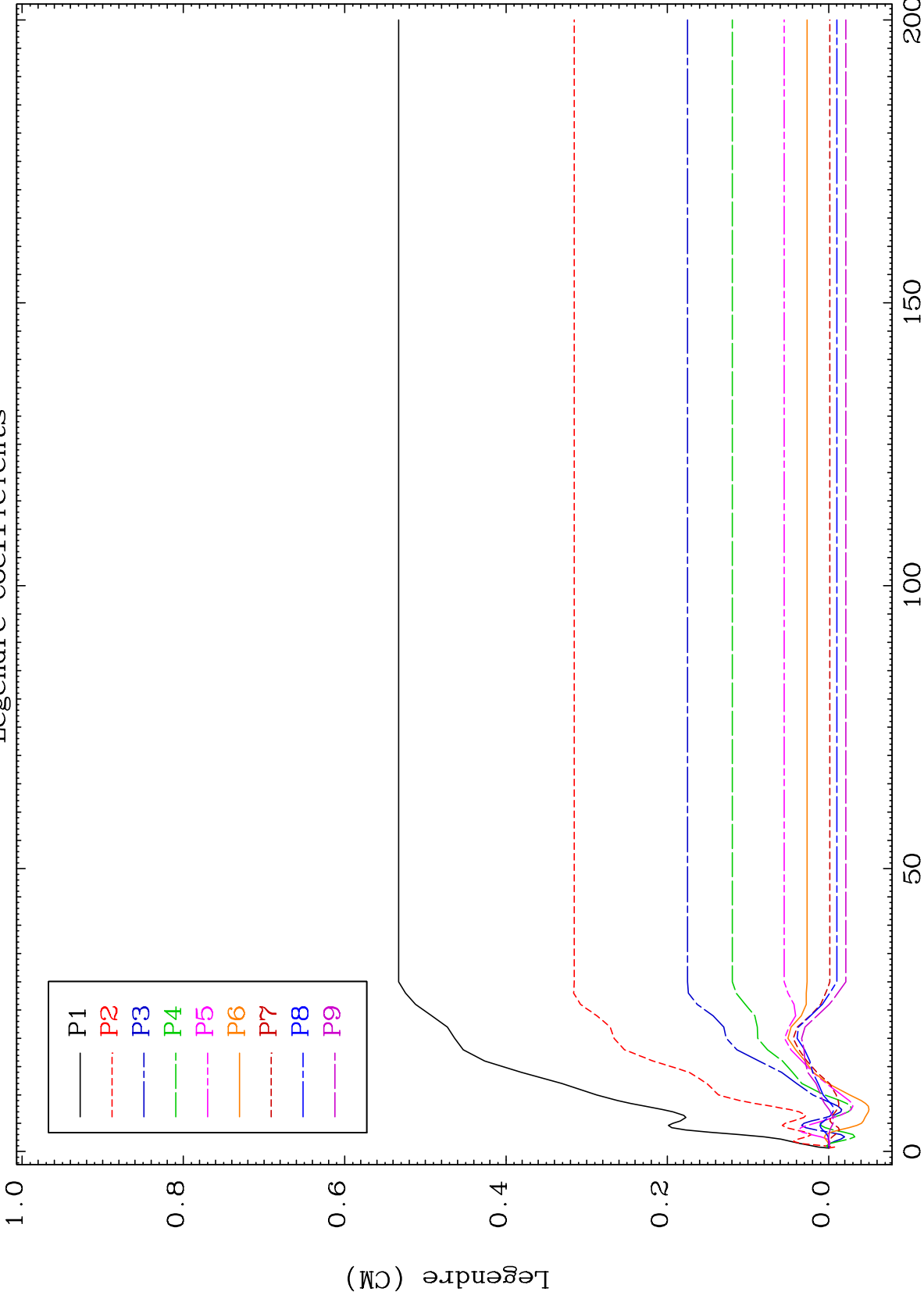
109

71-Lu-174

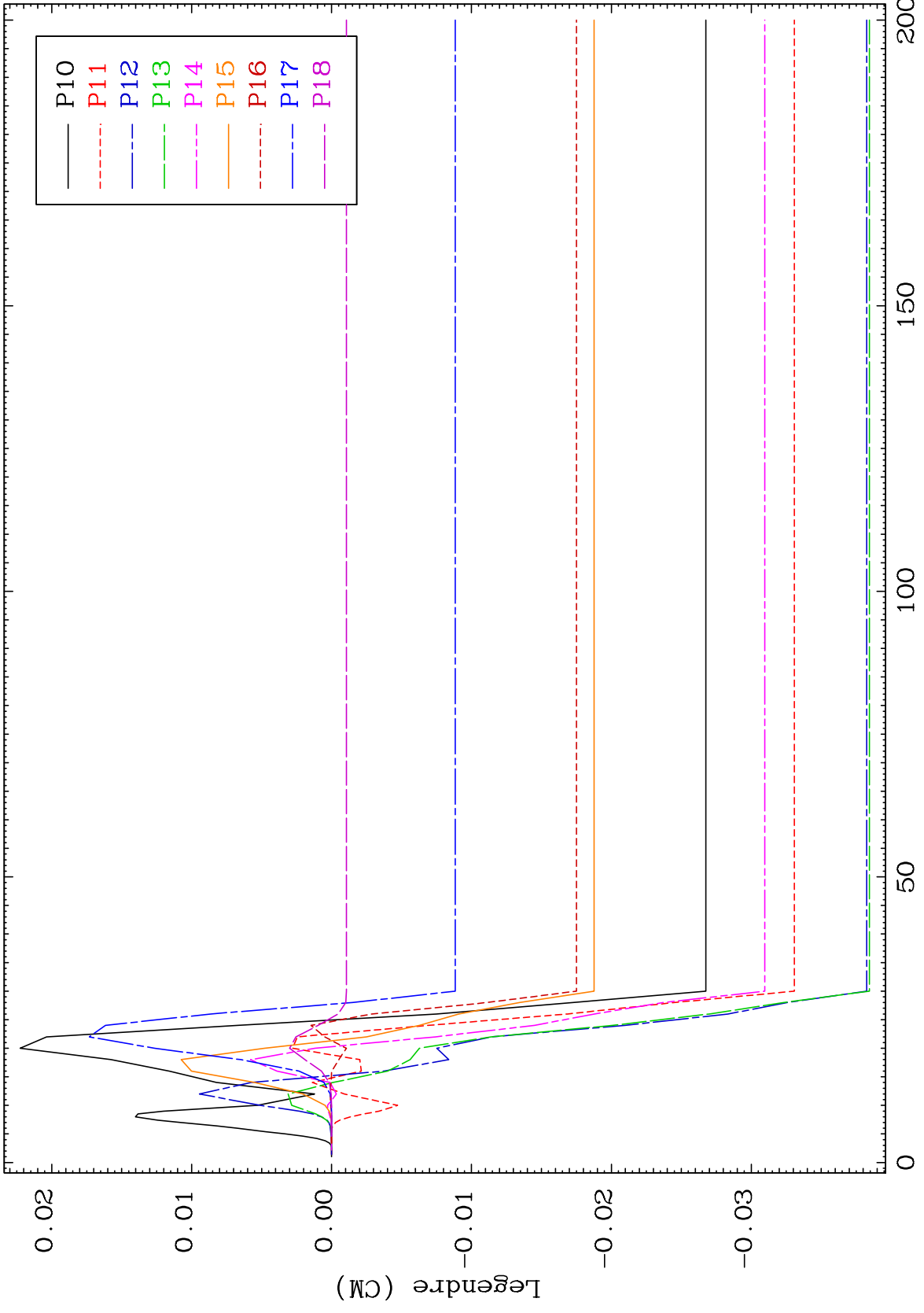
MAT 7122

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

71-Lu-174

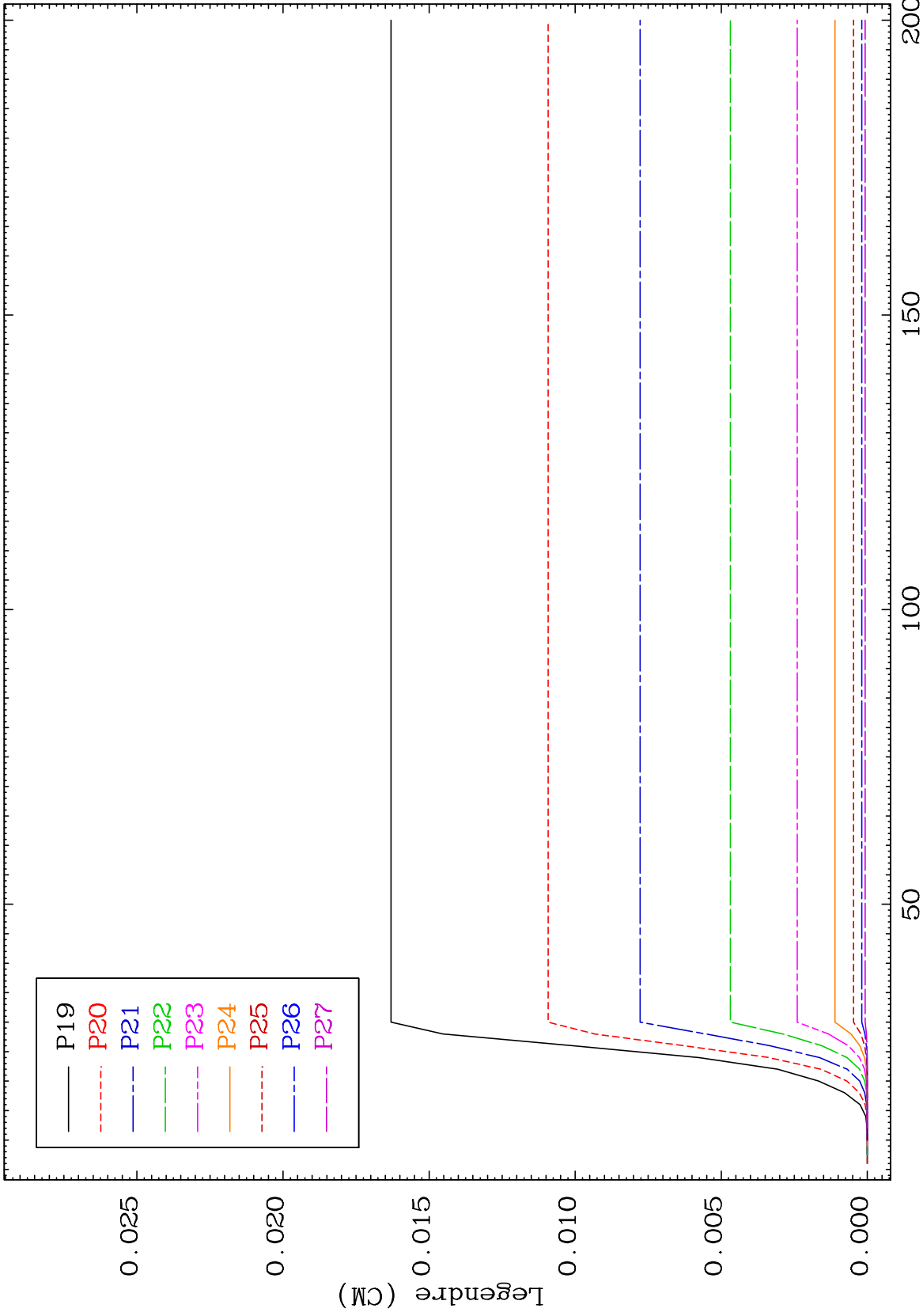


MAT 7122 MT= 77 (n,n') Level Legendre Coefficients 71-Lu-174



111 71-Lu-174

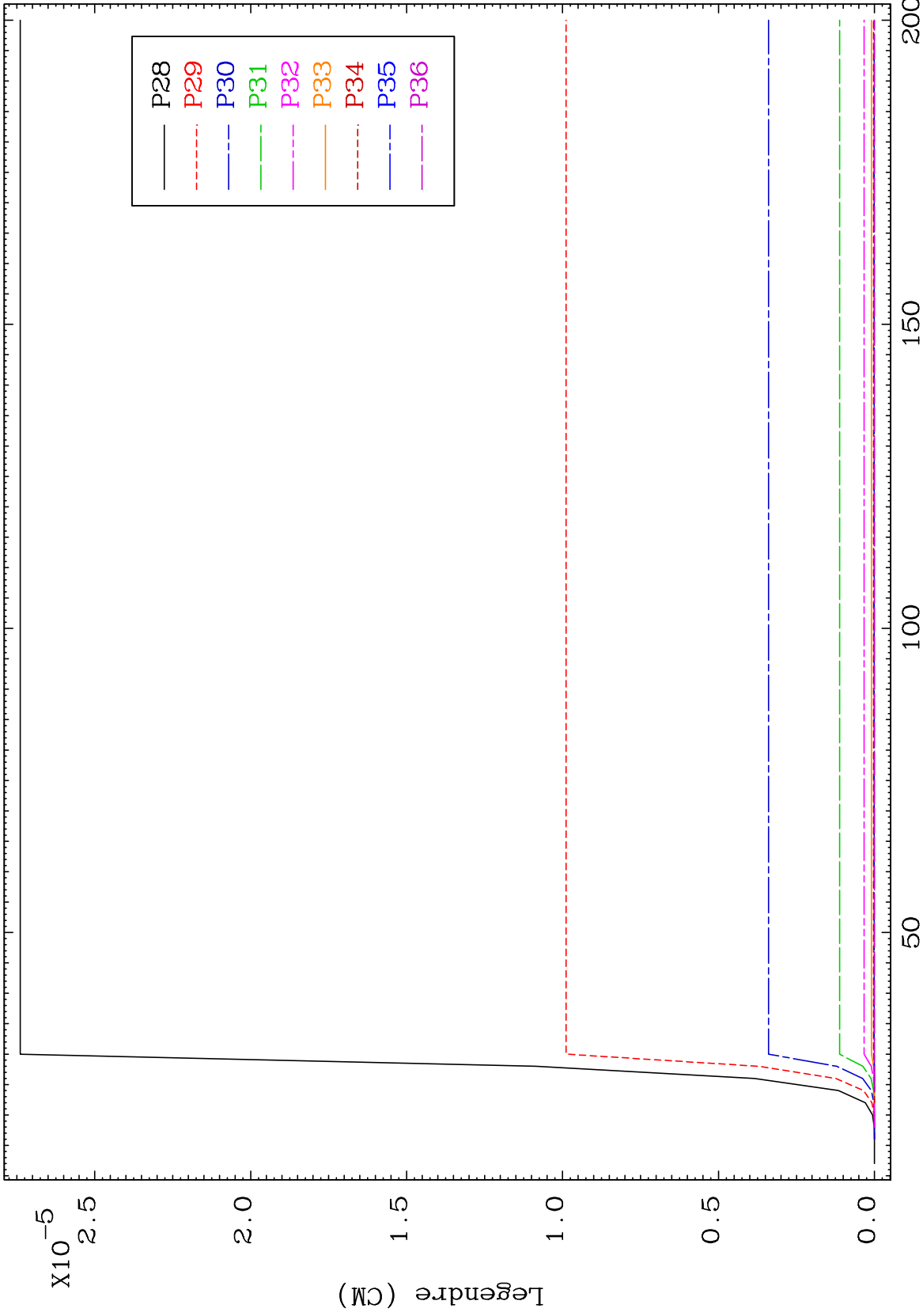




MAT 7122

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

71-Lu-174



113

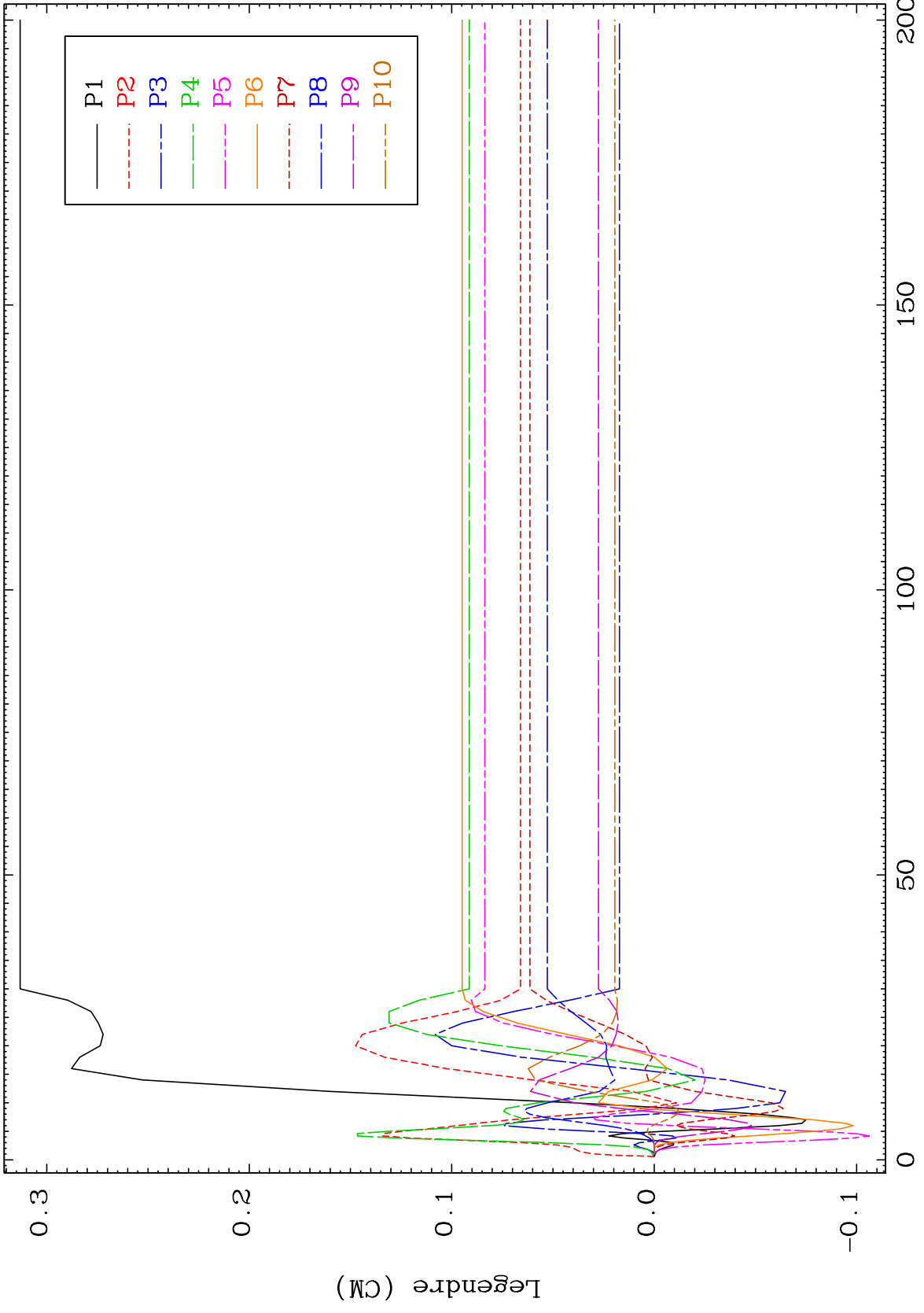
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



114

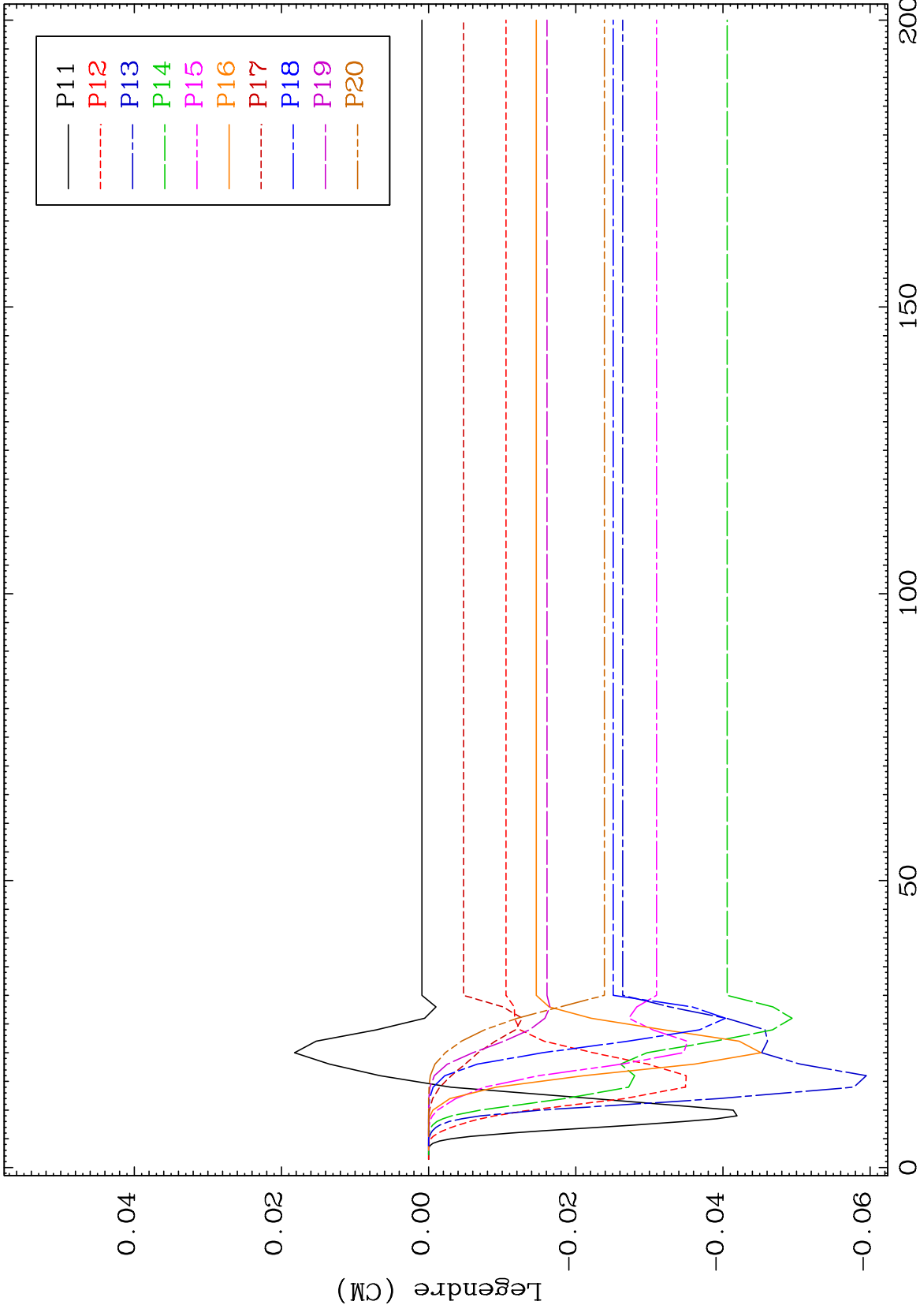
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174

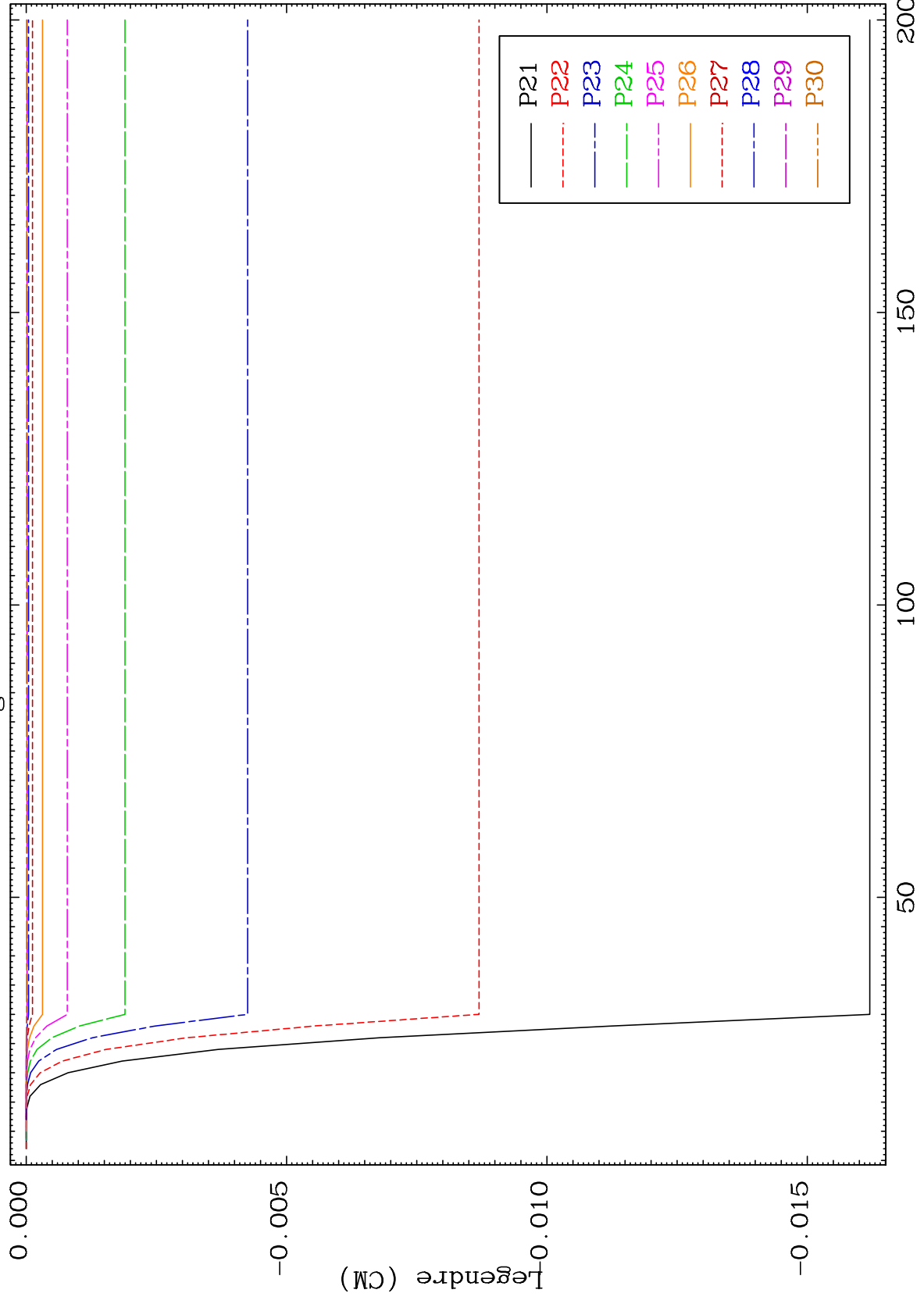


115

Incident Energy (MeV)

71-Lu-174

MAT 7122 MT= 78 (n,n') Level Legendre Coefficients 71-Lu-174

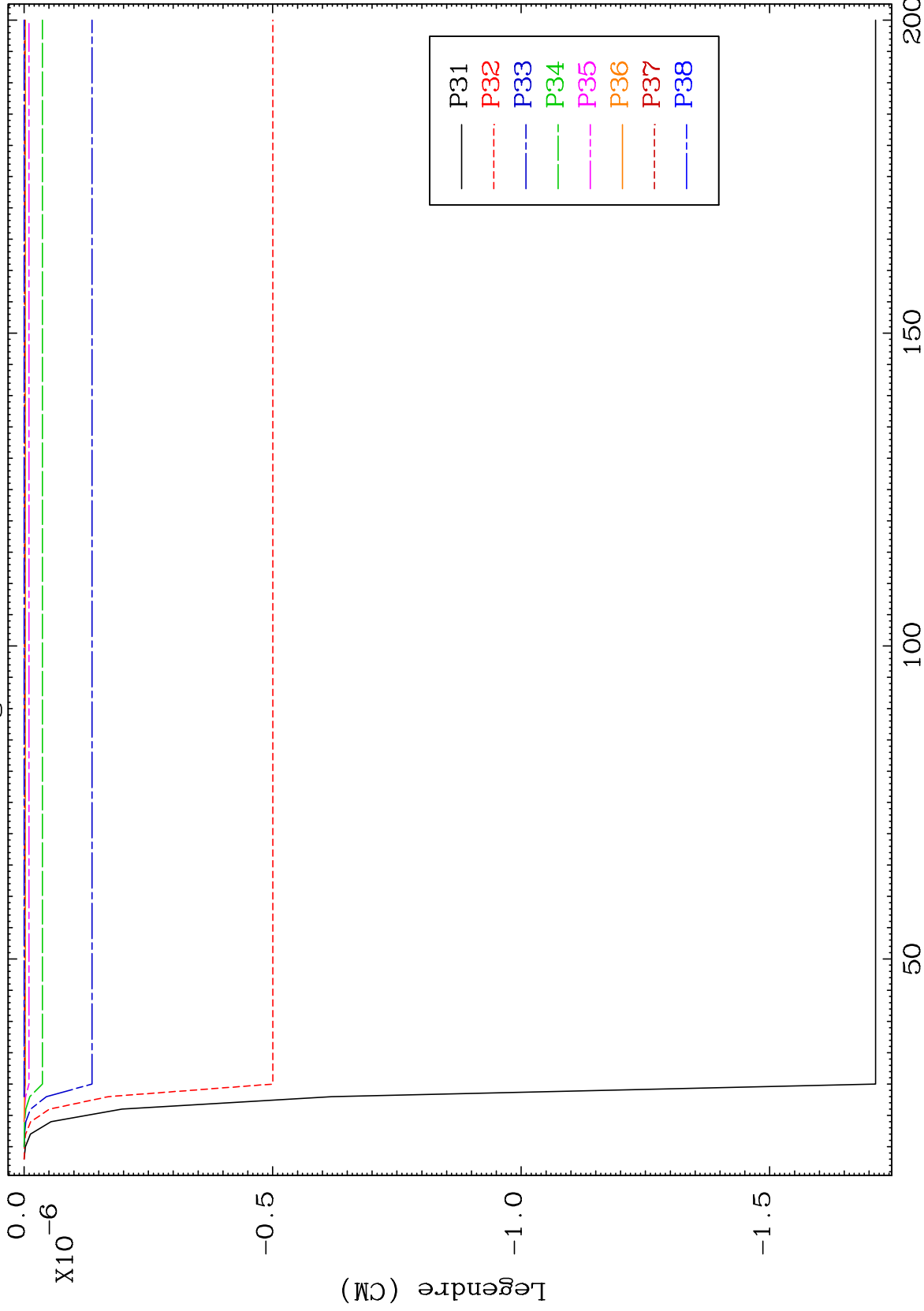


116 71-Lu-174

MAT 7122

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

71-Lu-174



71-Lu-174

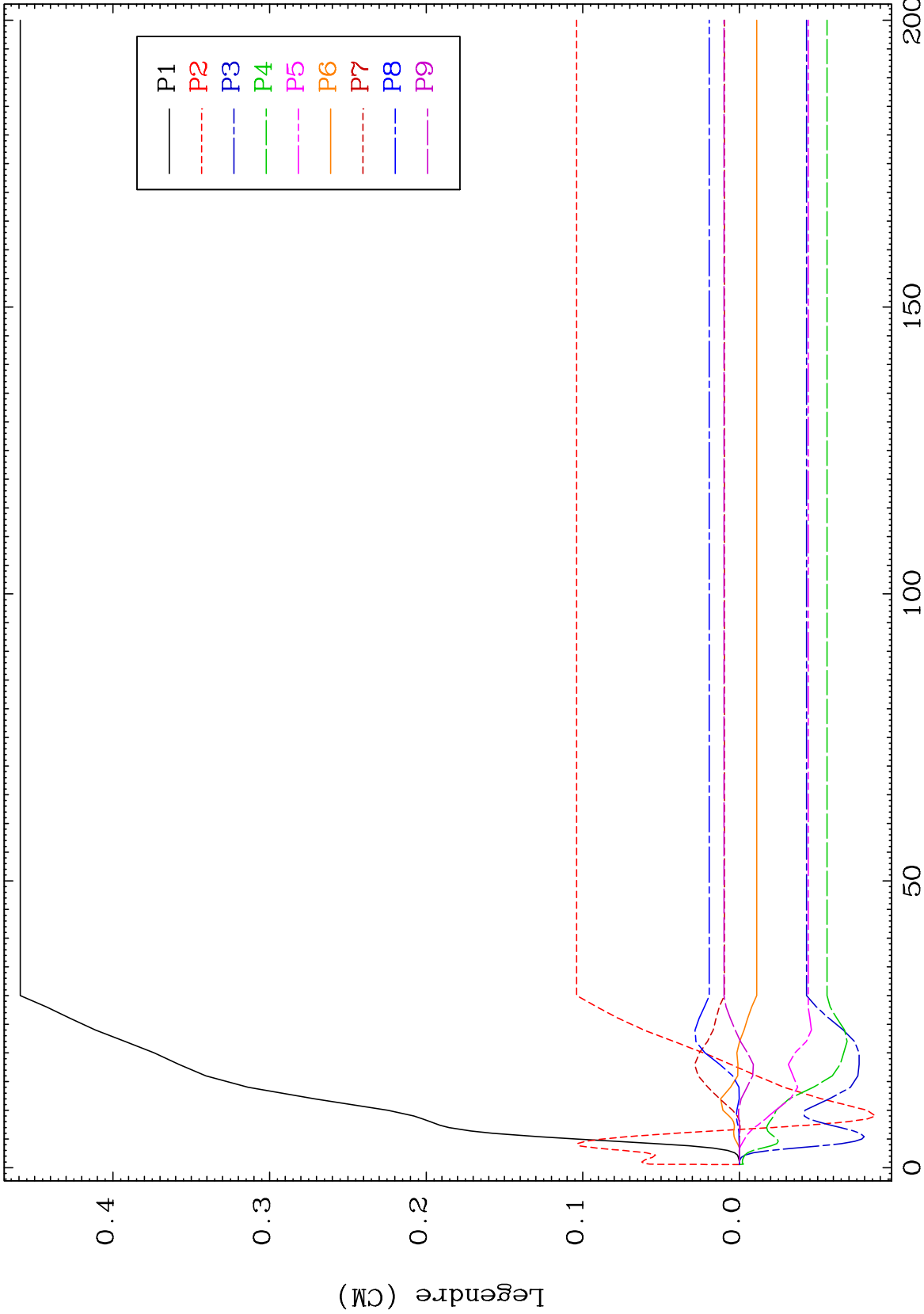
Incident Energy (MeV)

117

MAT 7122

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

71-Lu-174



71-Lu-174

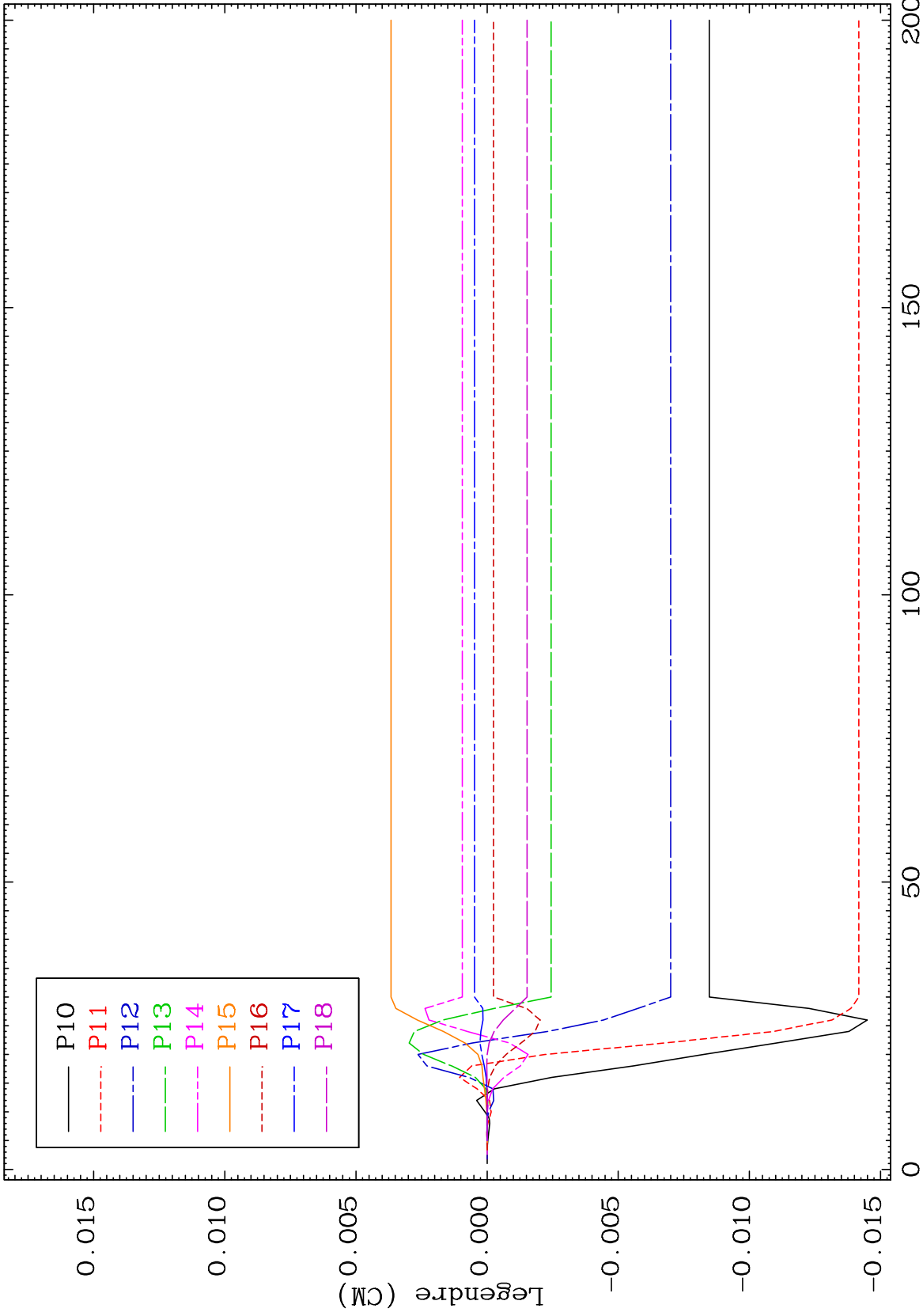
Incident Energy (MeV)

118

MAT 7122

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

71-Lu-174



119

Incident Energy (MeV)

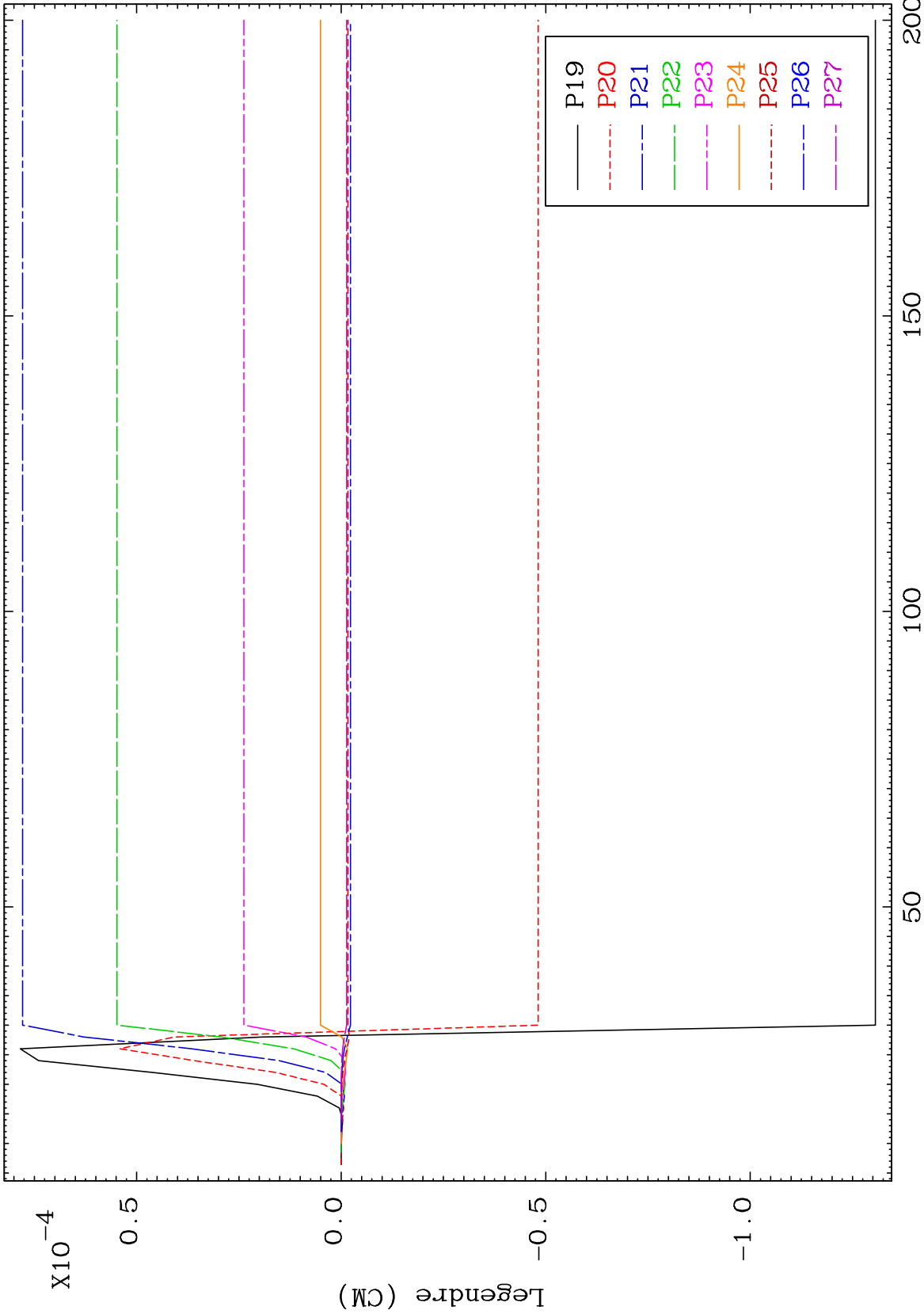
71-Lu-174



MAT 7122

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

71-Lu-174

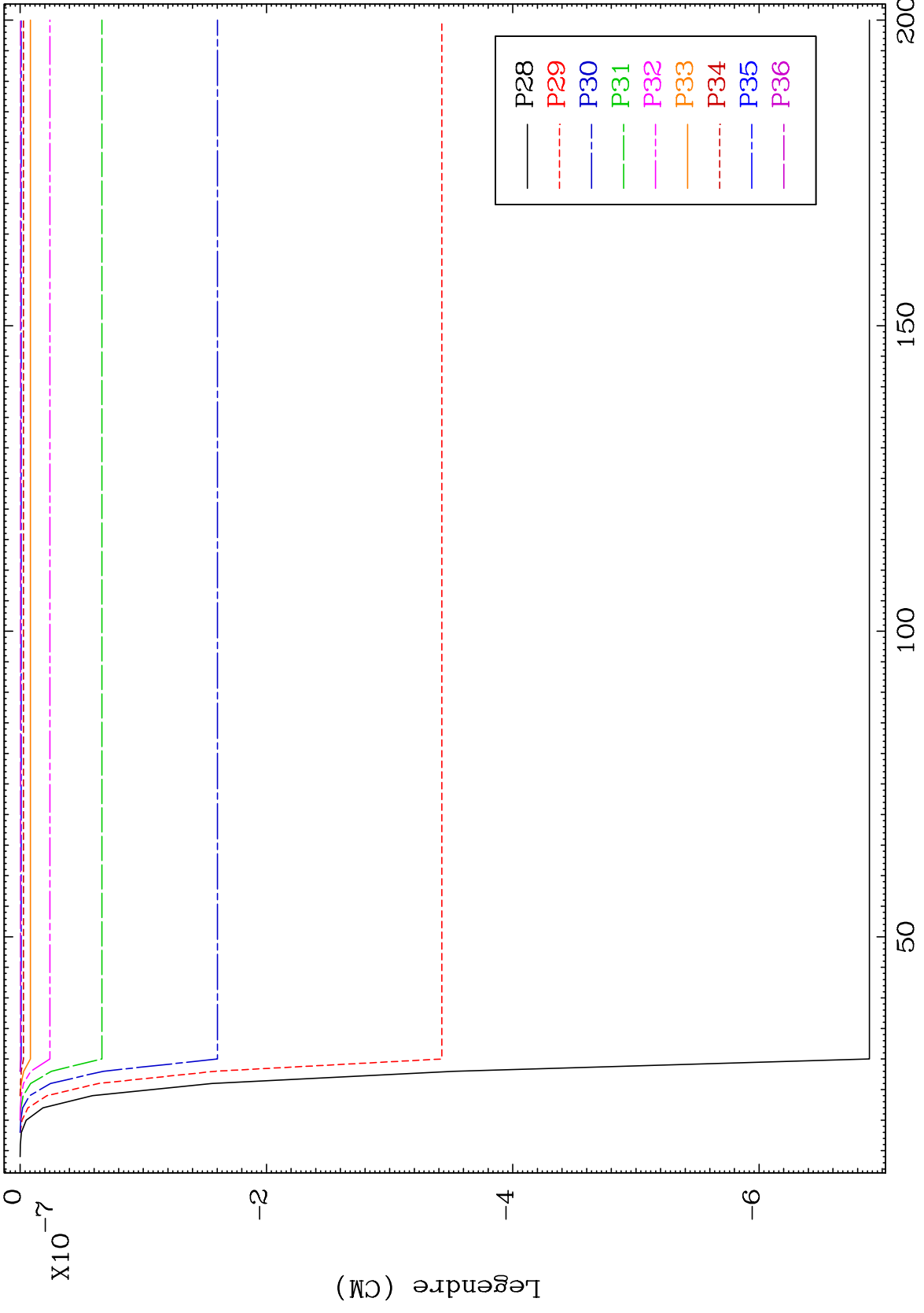


120

Incident Energy (MeV)

71-Lu-174

MAT 7122 MT= 79 (n,n') Level Legendre Coefficients 71-Lu-174

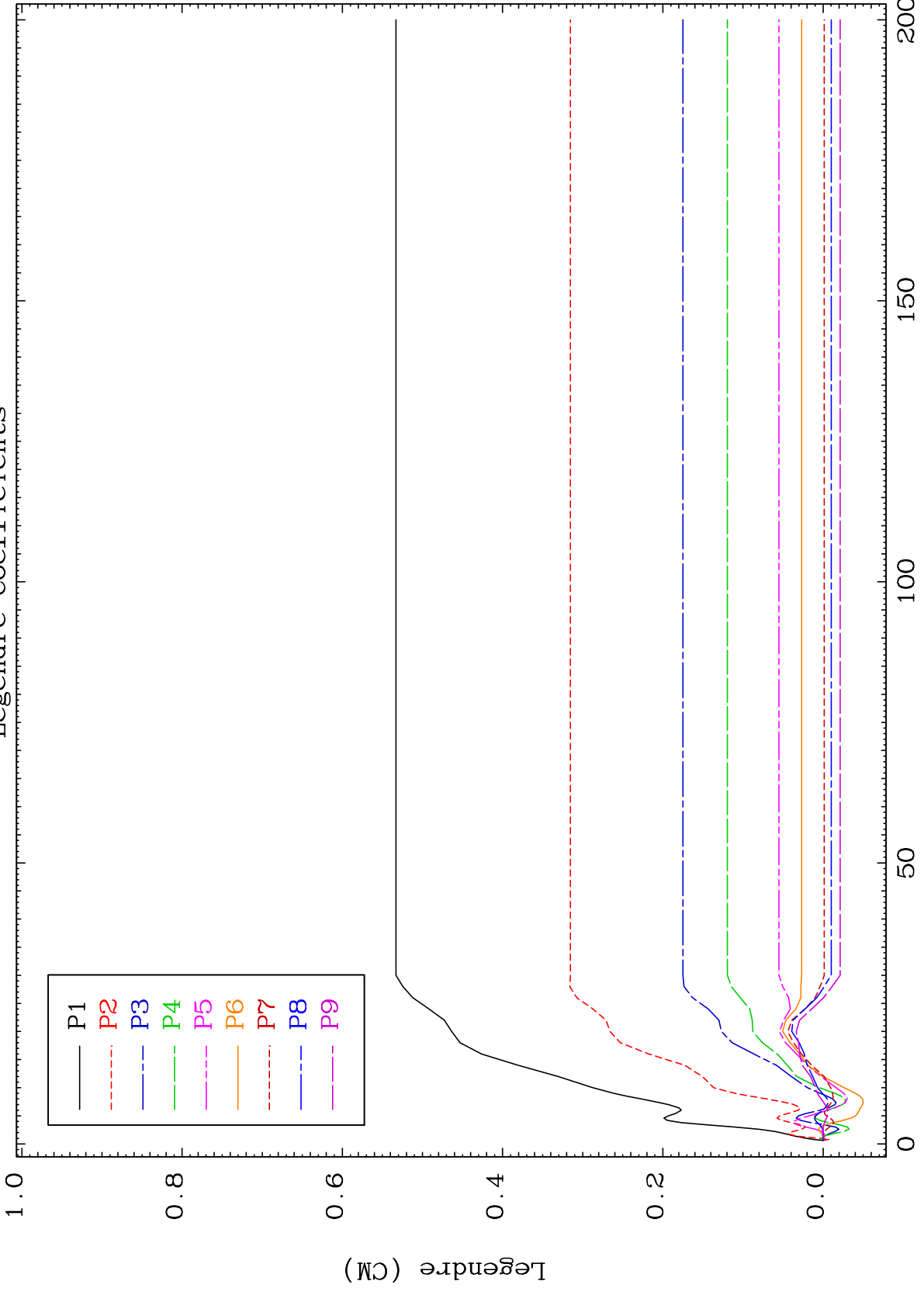


121 71-Lu-174

MAT 7122

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

71-Lu-174



71-Lu-174

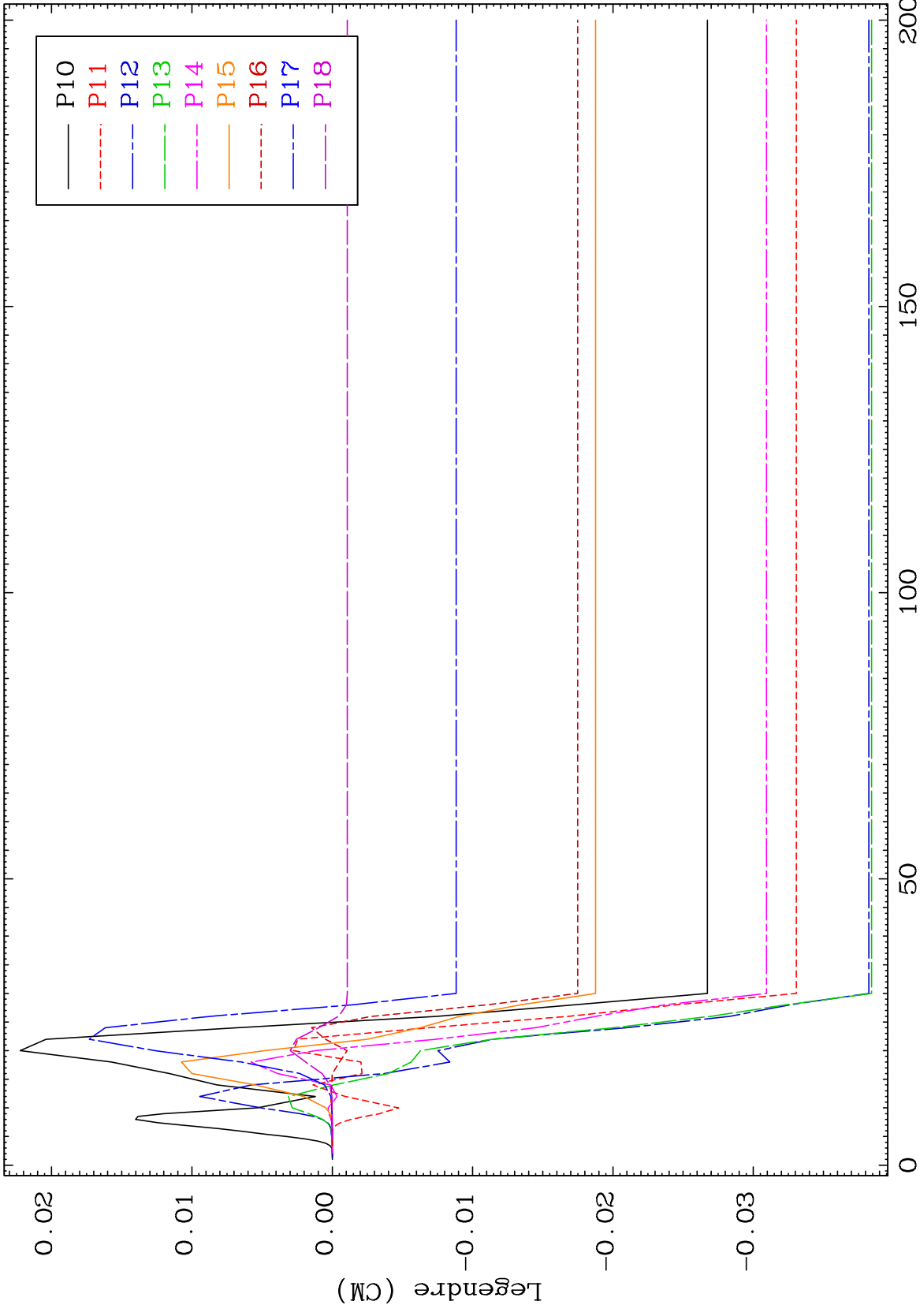
Incident Energy (MeV)

122

MAT 7122

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

71-Lu-174



123

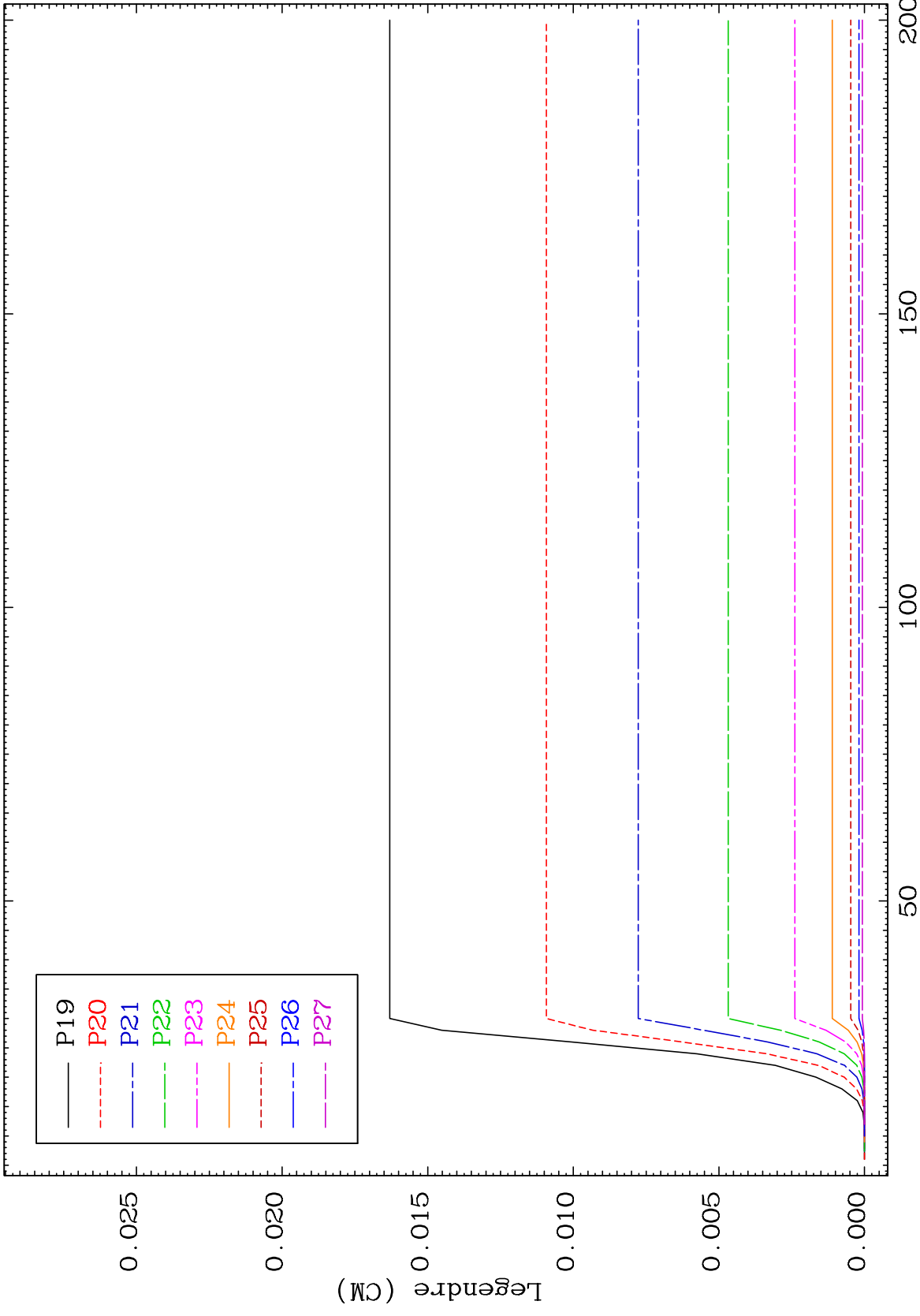
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



124

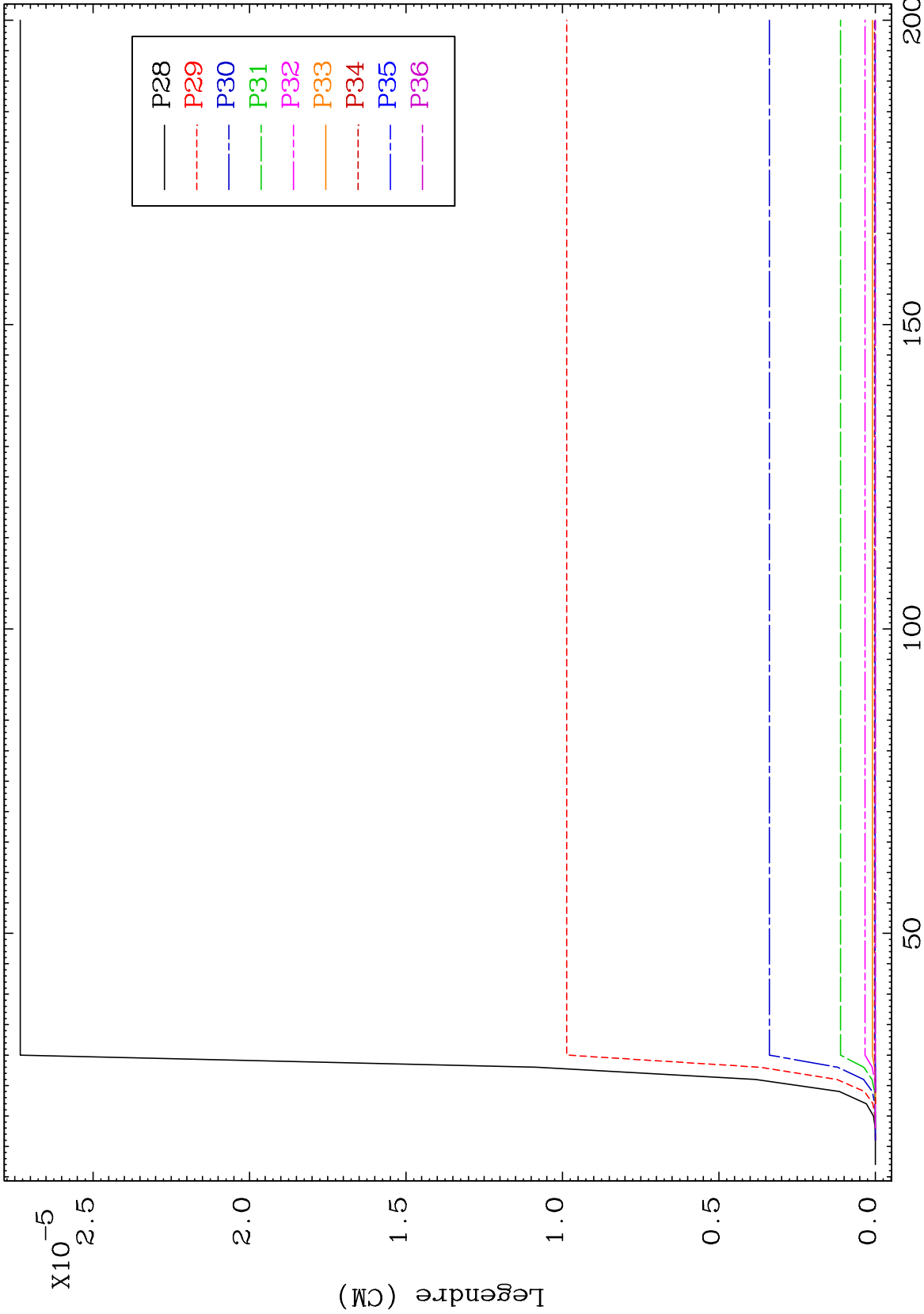
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



125

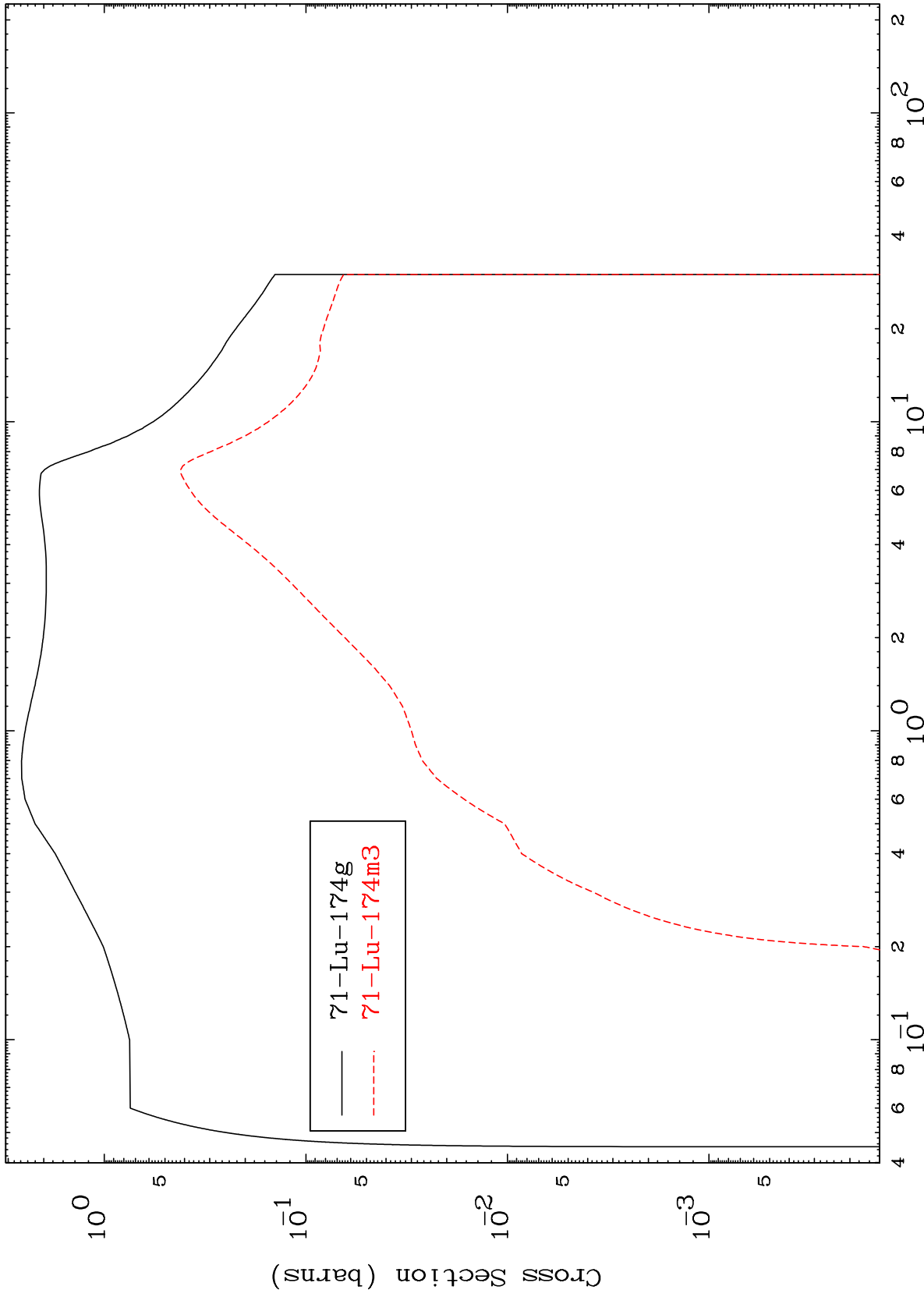
Incident Energy (MeV)

71-Lu-174

MAT 7122

Inelastic  
Radionuclide Production Cross Section

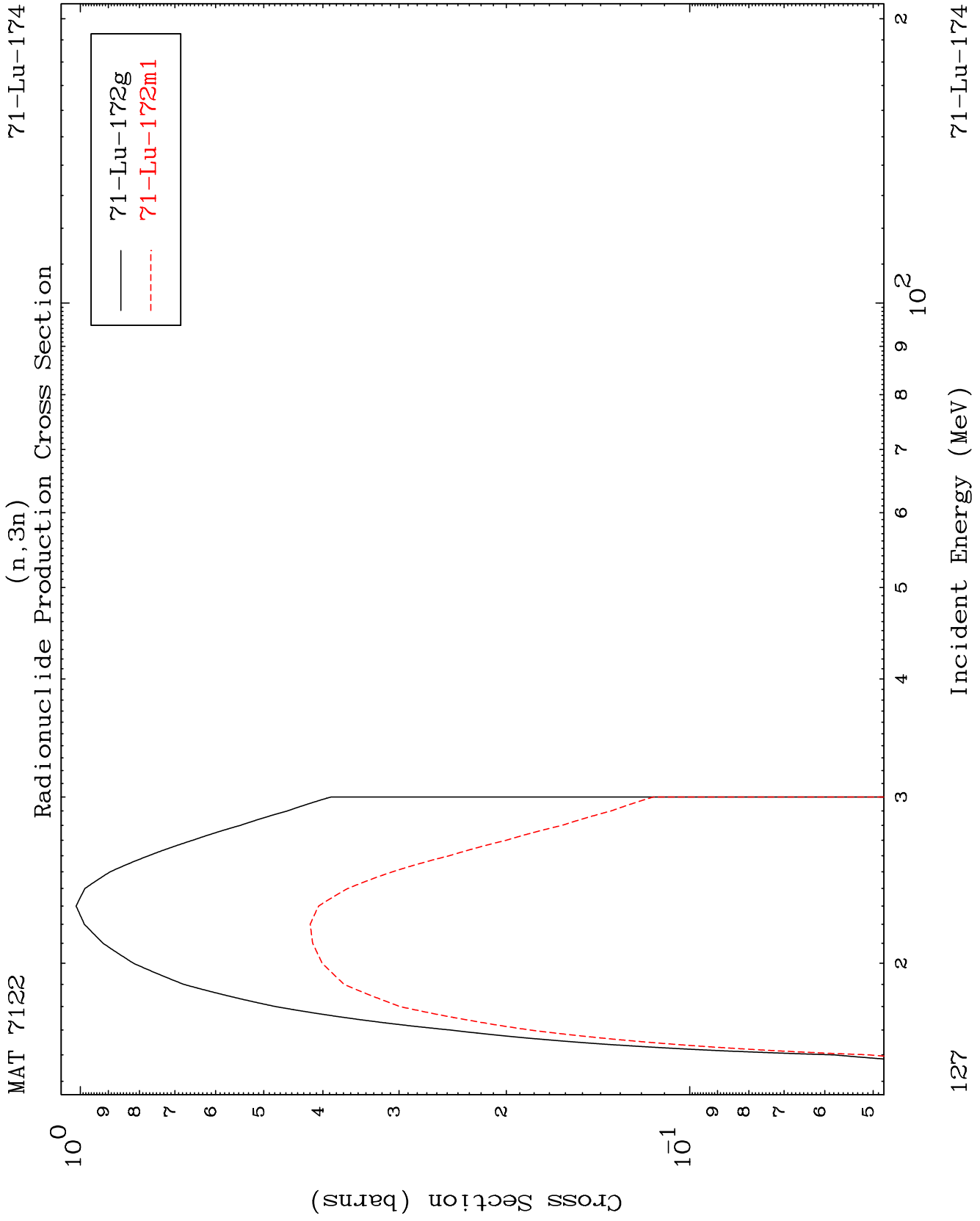
71-Lu-174



126

Incident Energy (MeV)

71-Lu-174



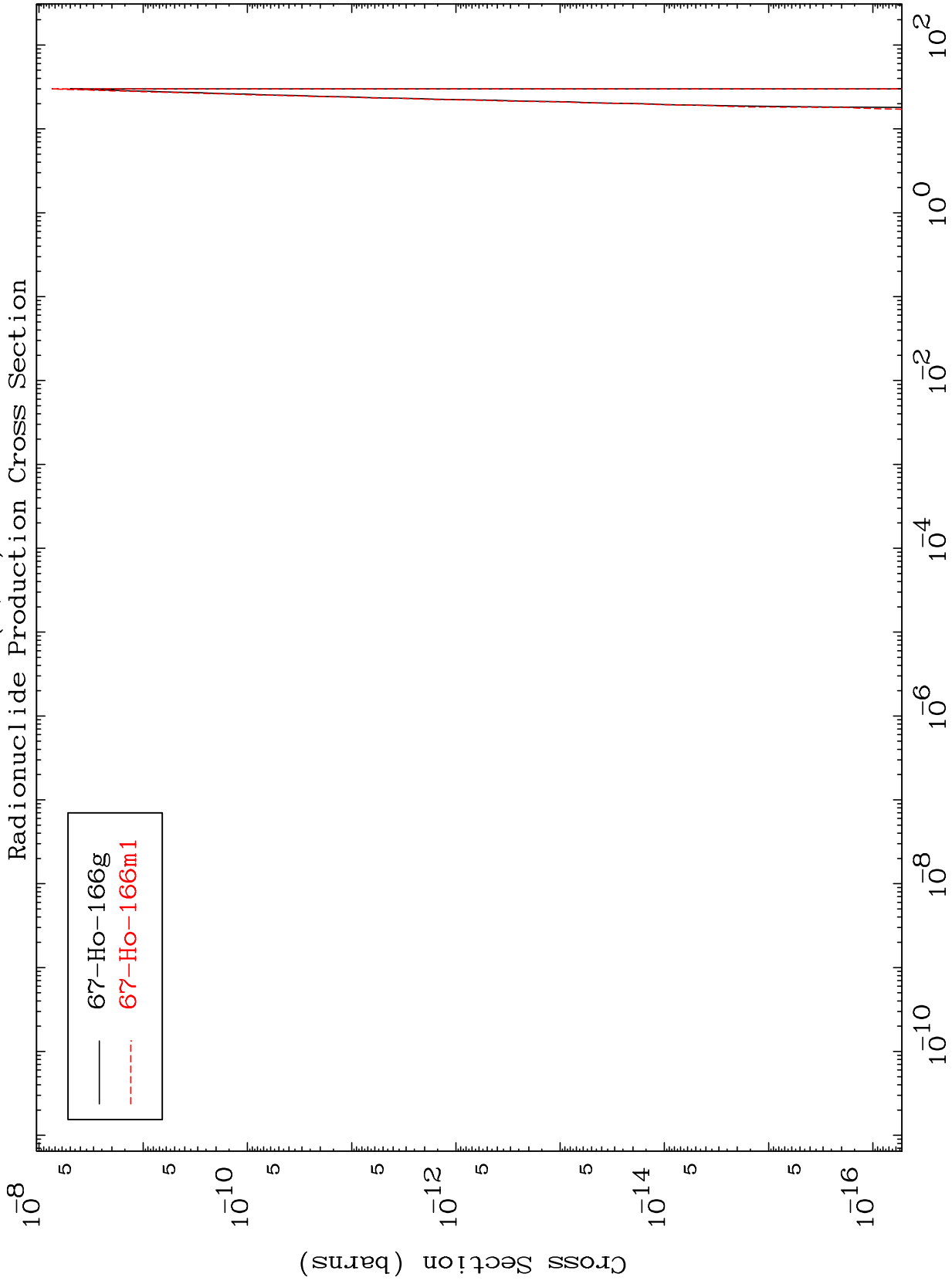


MAT 7122

(n,n') 2 $\alpha$

71-Lu-174

Radionuclide Production Cross Section



128

Incident Energy (MeV)

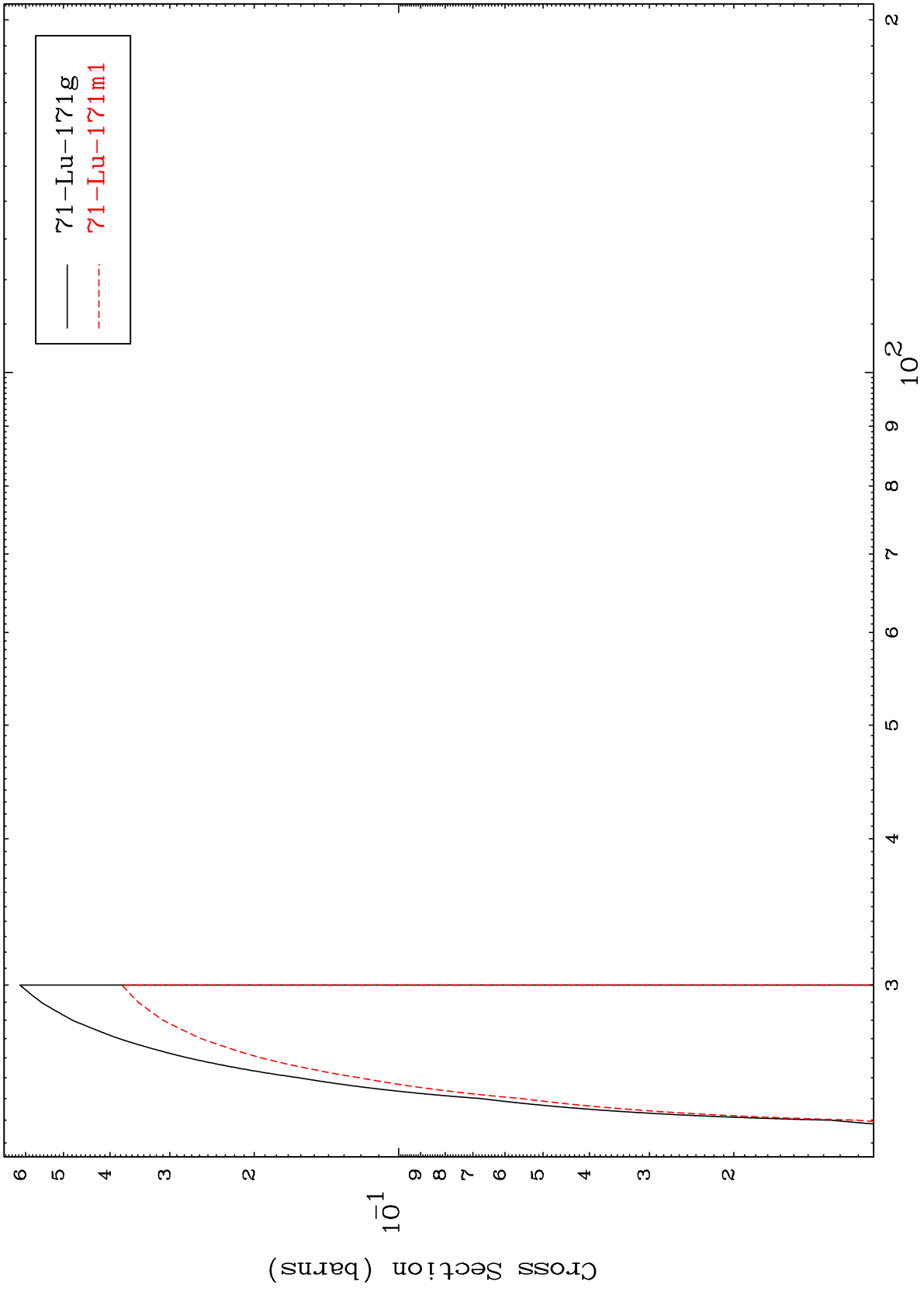
71-Lu-174

MAT 7122

(n,4n)

<sup>71</sup>Lu-174

Radionuclide Production Cross Section



71Lu-171g  
71Lu-171m1

129

Incident Energy (MeV)

<sup>71</sup>Lu-174