

Program EVALPLOT
(Version 2021-1)

by

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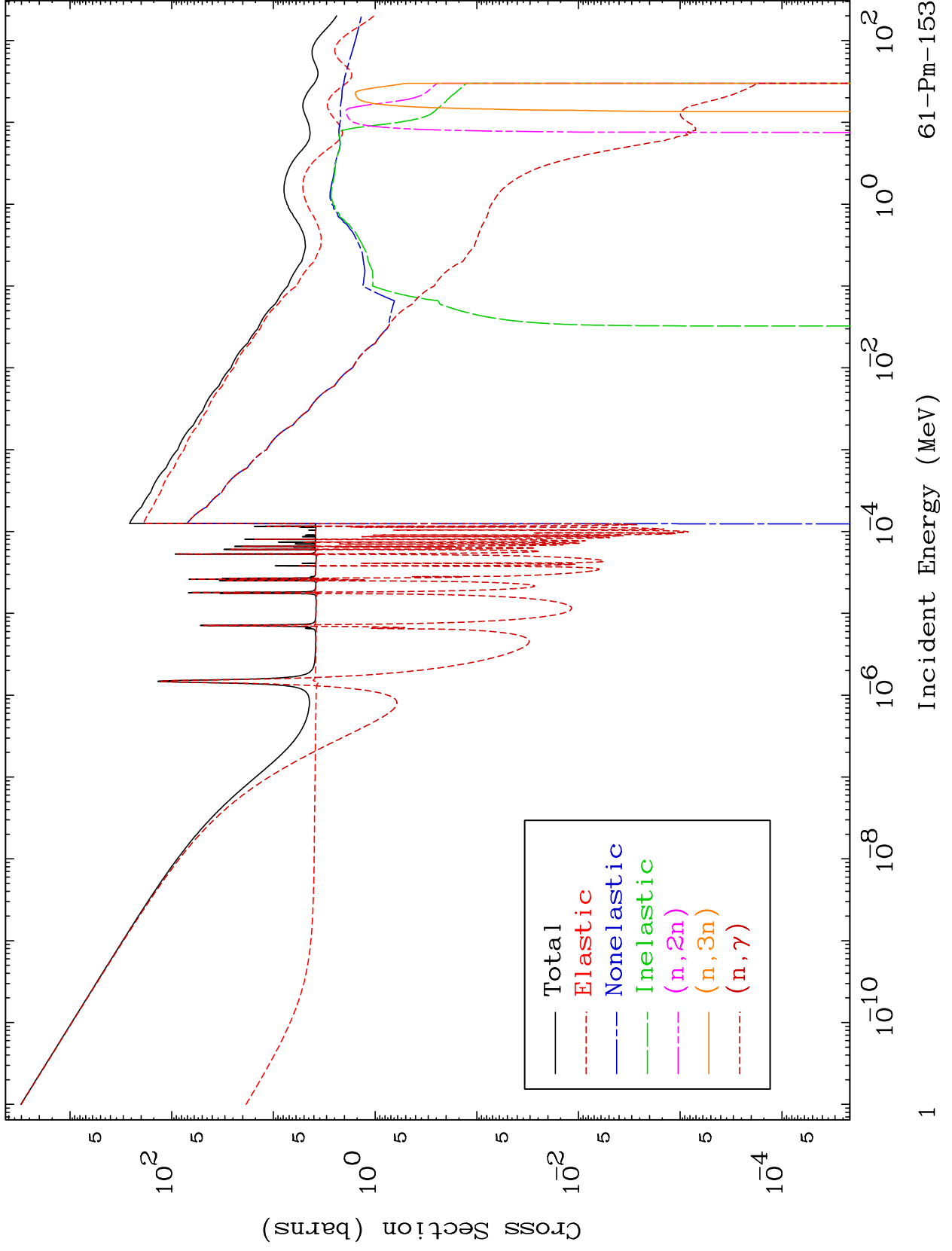
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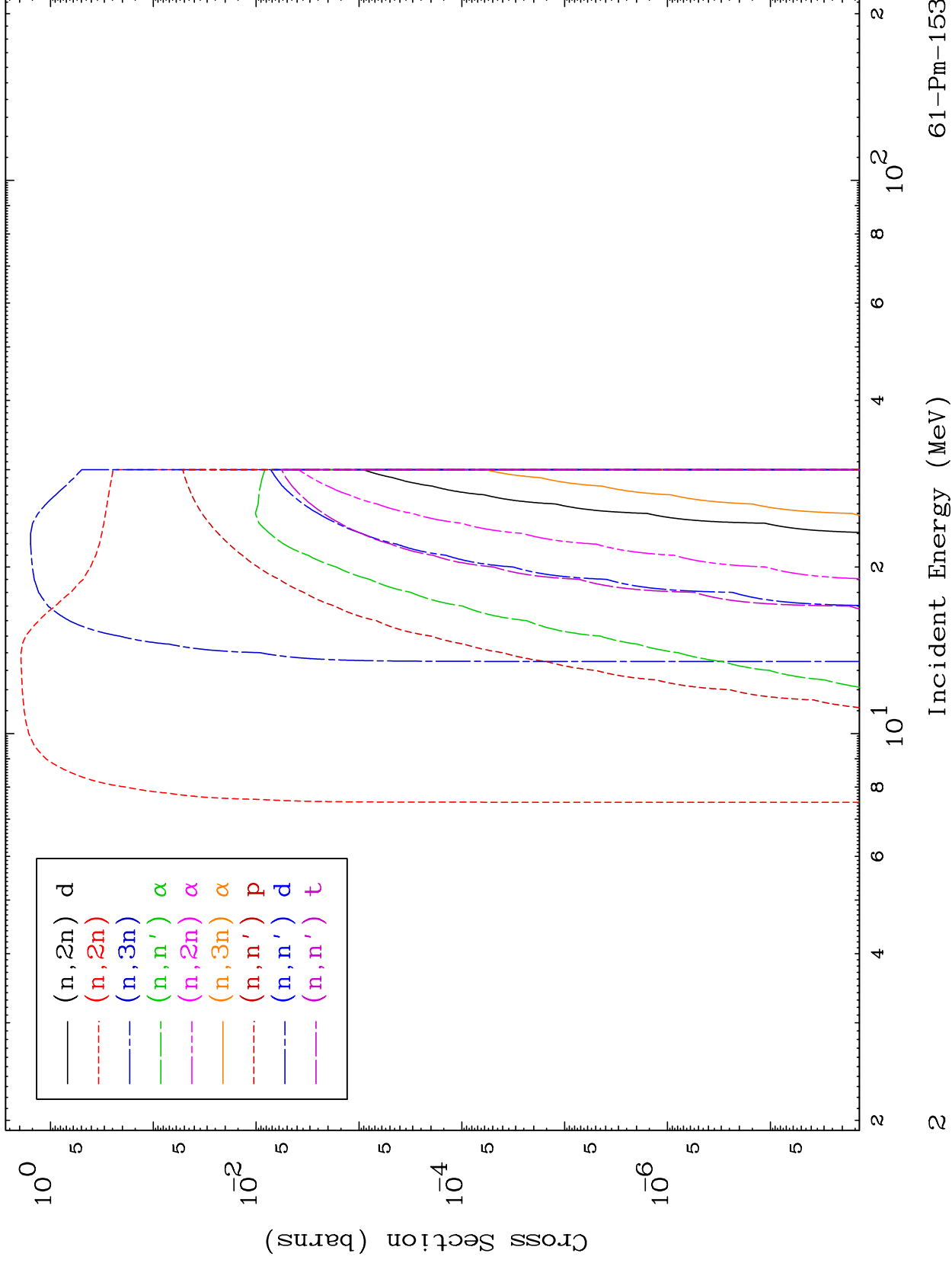
Press Mouse Button to Start

MAT 6167

Neutron Major
293 Kelvin Cross Sections

61-Pm-153

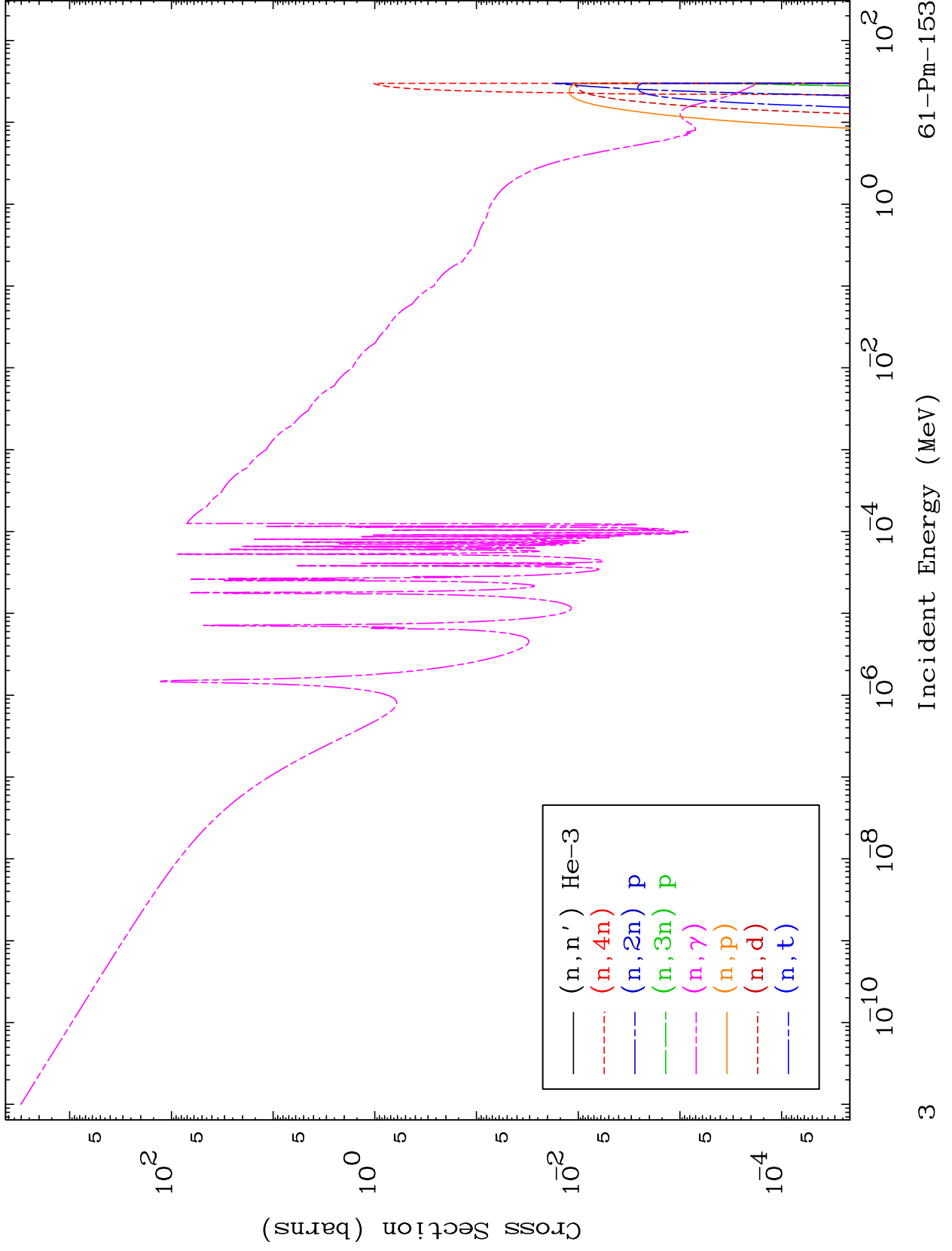




MAT 6167

Neutron Absorption
293 Kelvin Cross Sections

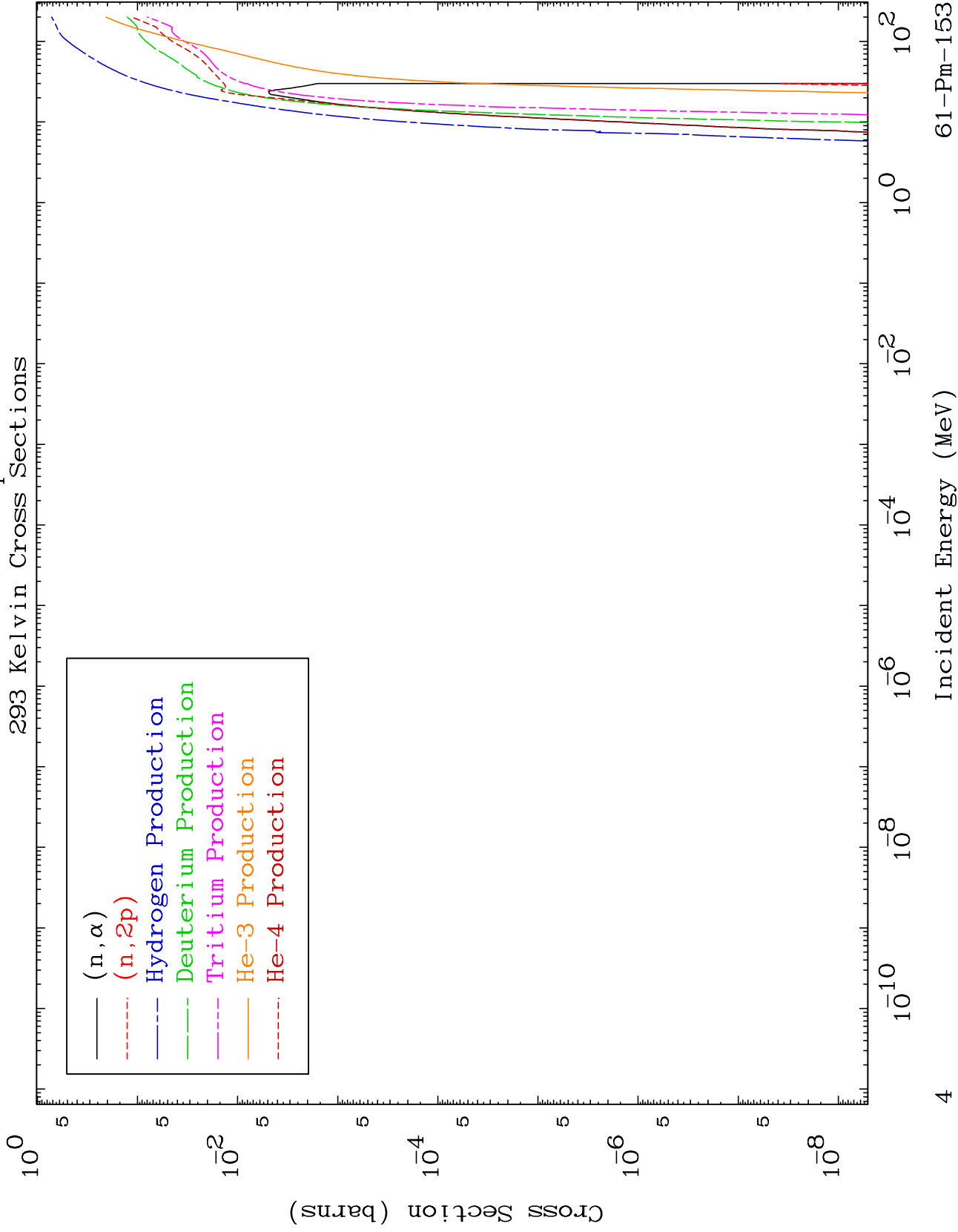
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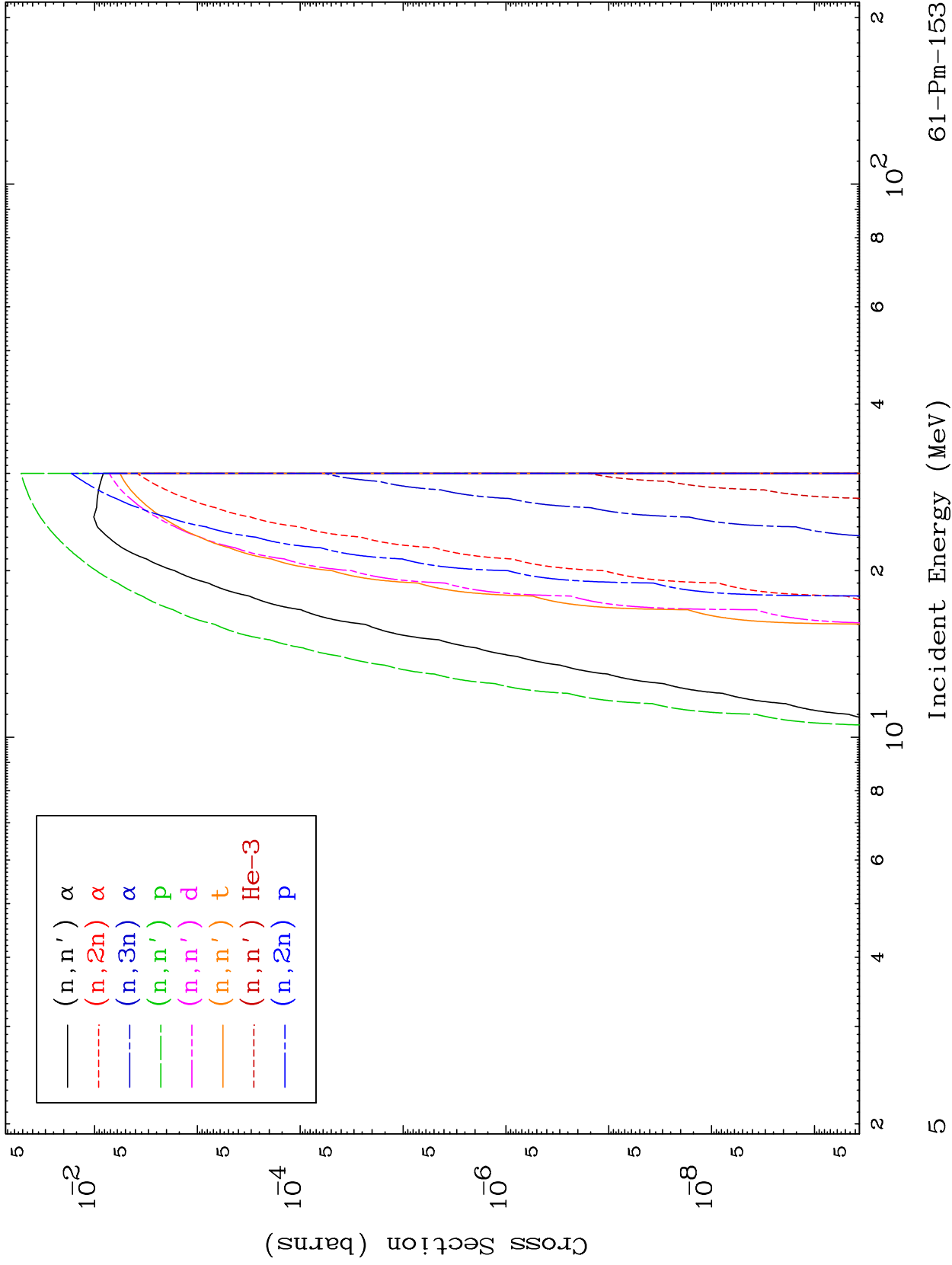


MAT 6167

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-153

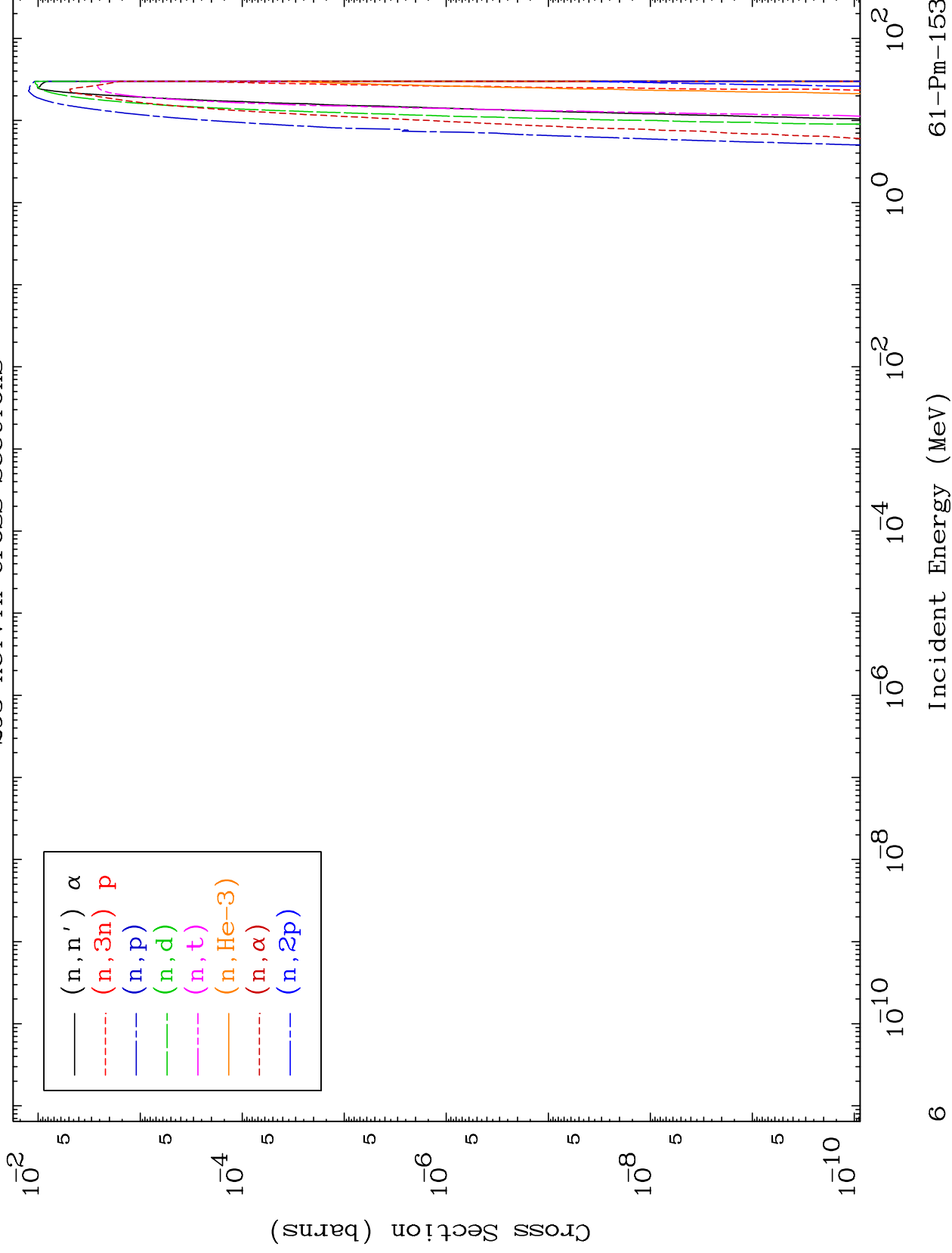




MAT 6167

Charged Particle
293 Kelvin Cross Sections

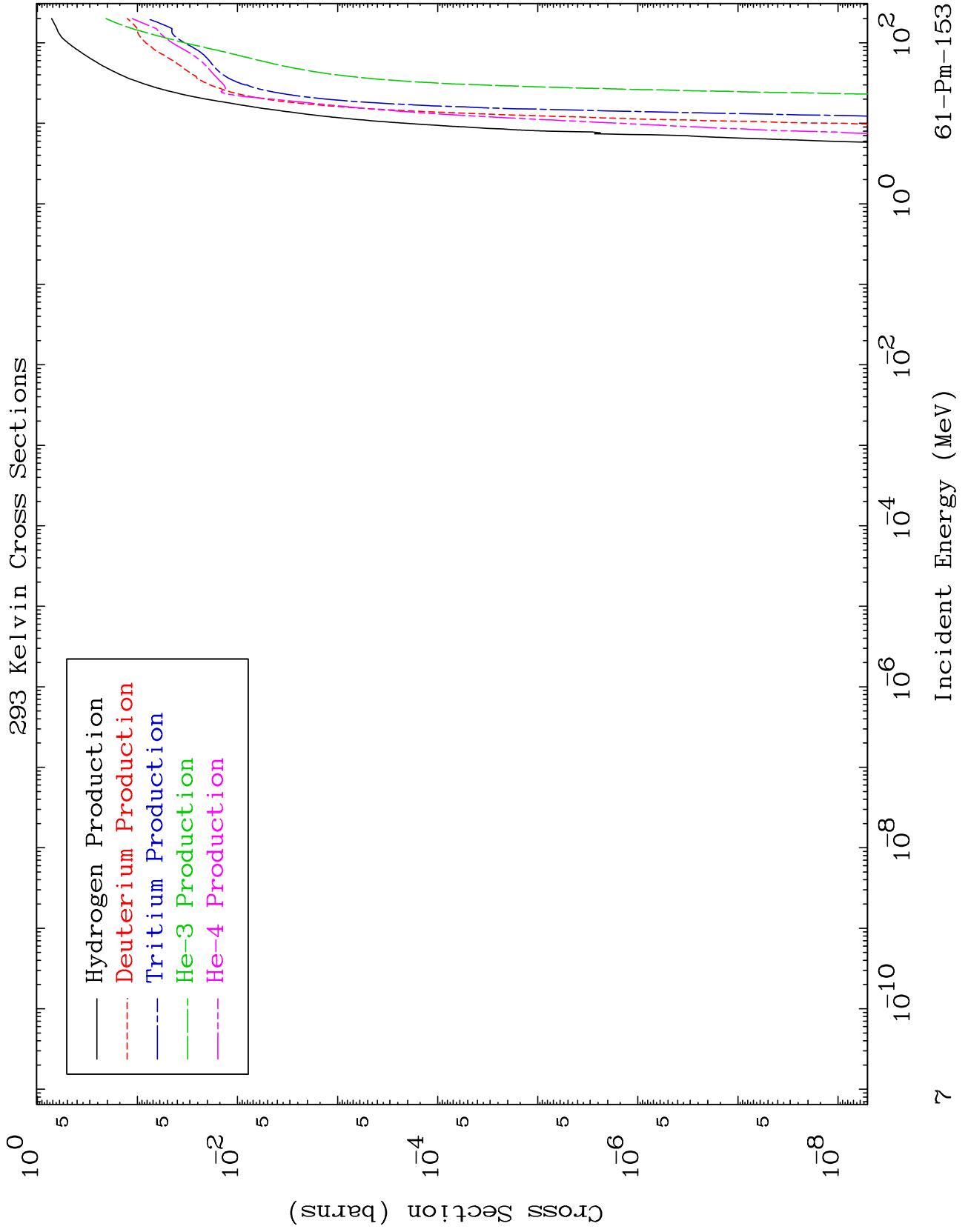
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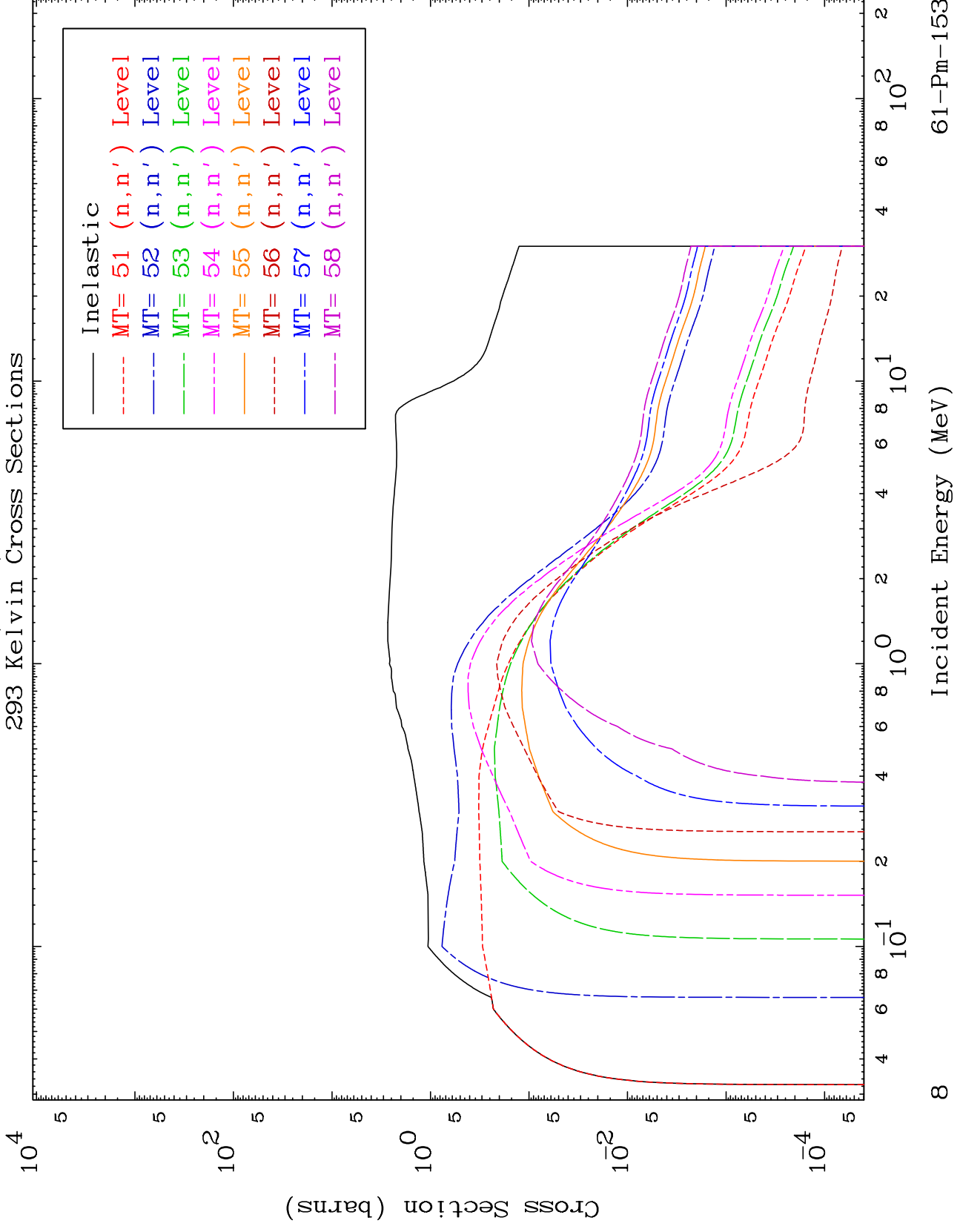


MAT 6167

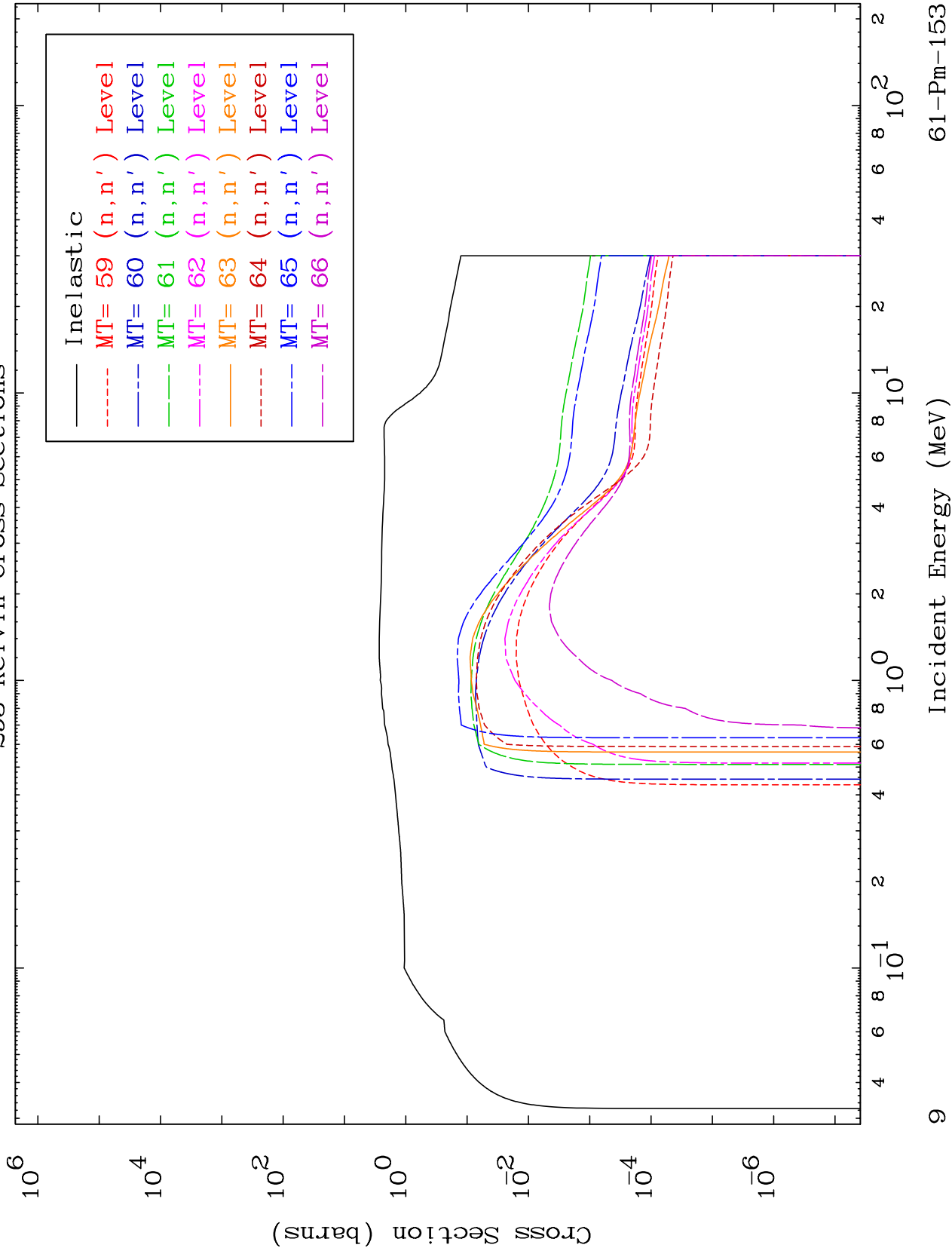
Particle Production
293 Kelvin Cross Sections

61-Pm-153





293 Kelvin Cross Sections

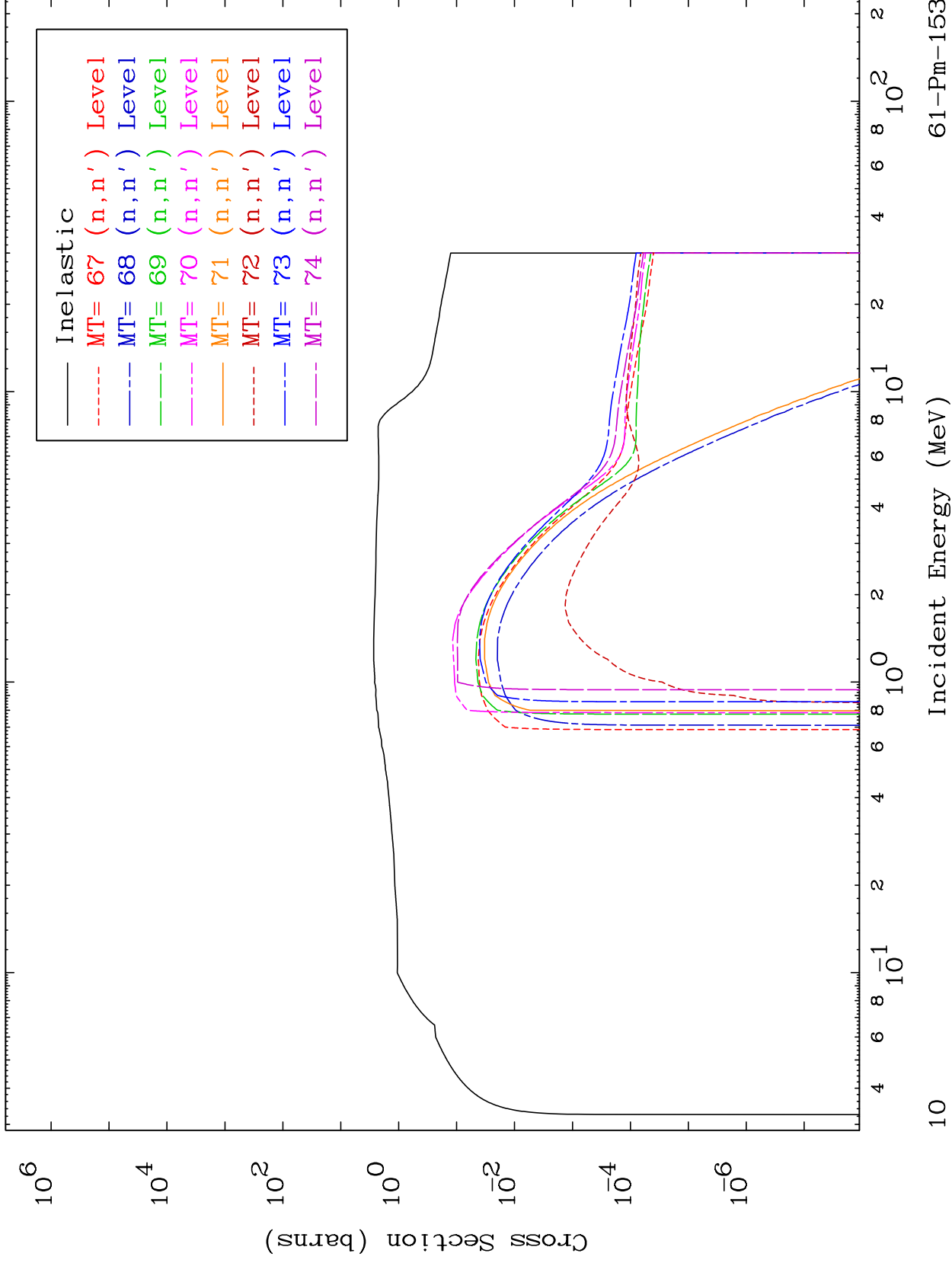


MAT 6167

(n,n') Levels

293 Kelvin Cross Sections

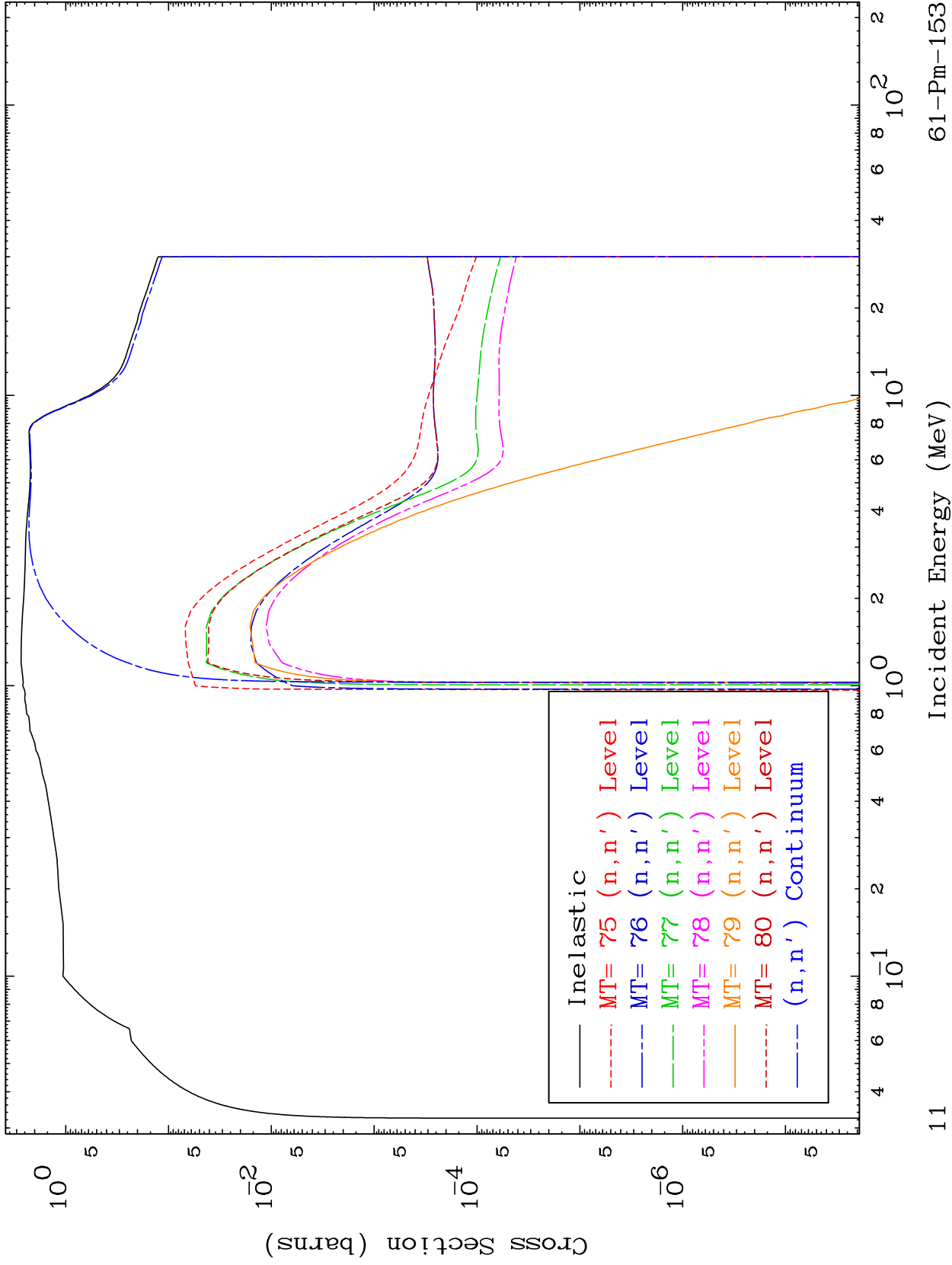
61-Pm-153



10

Incident Energy (MeV)

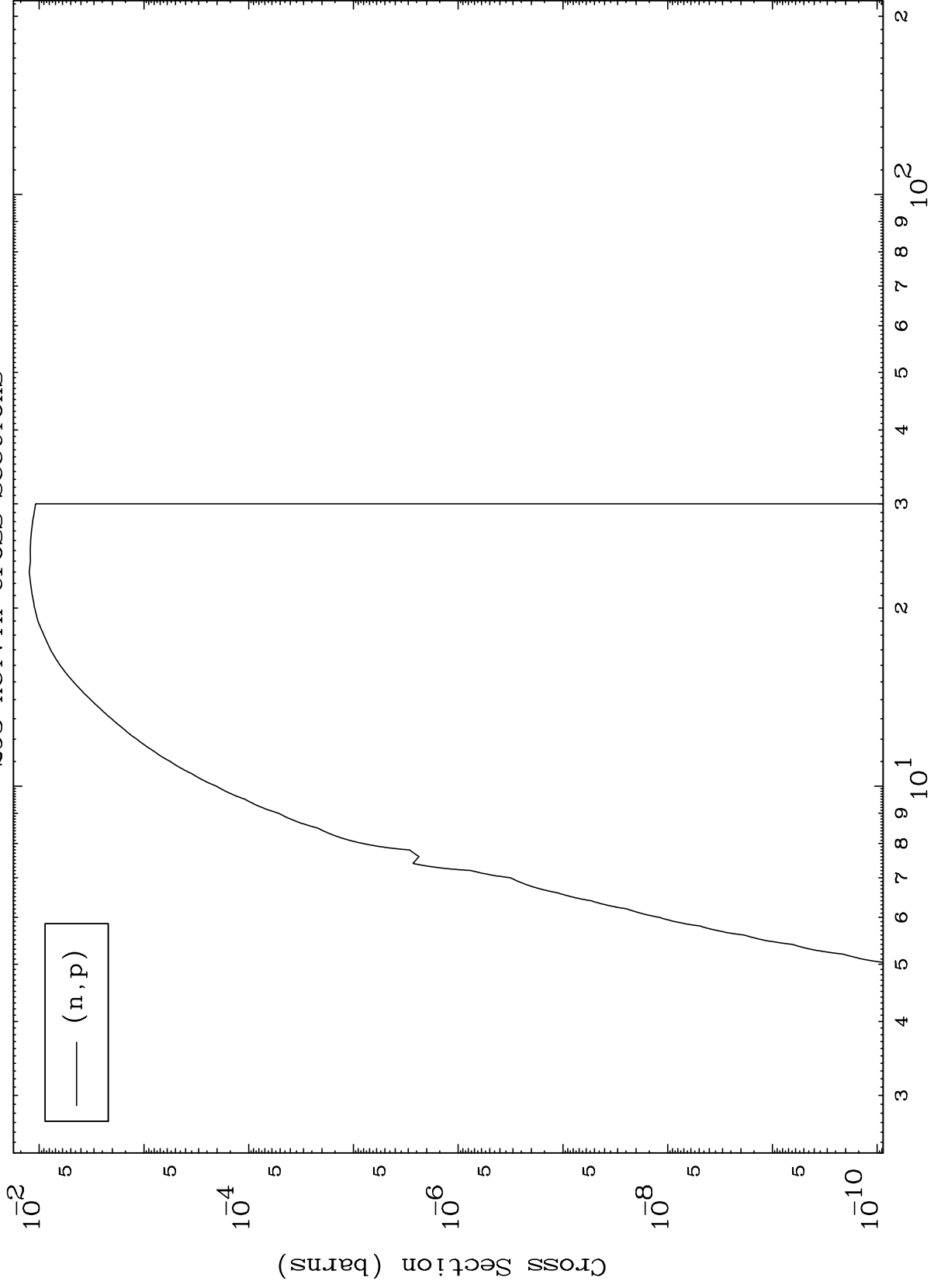
61-Pm-153



MAT 6167

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-153



12

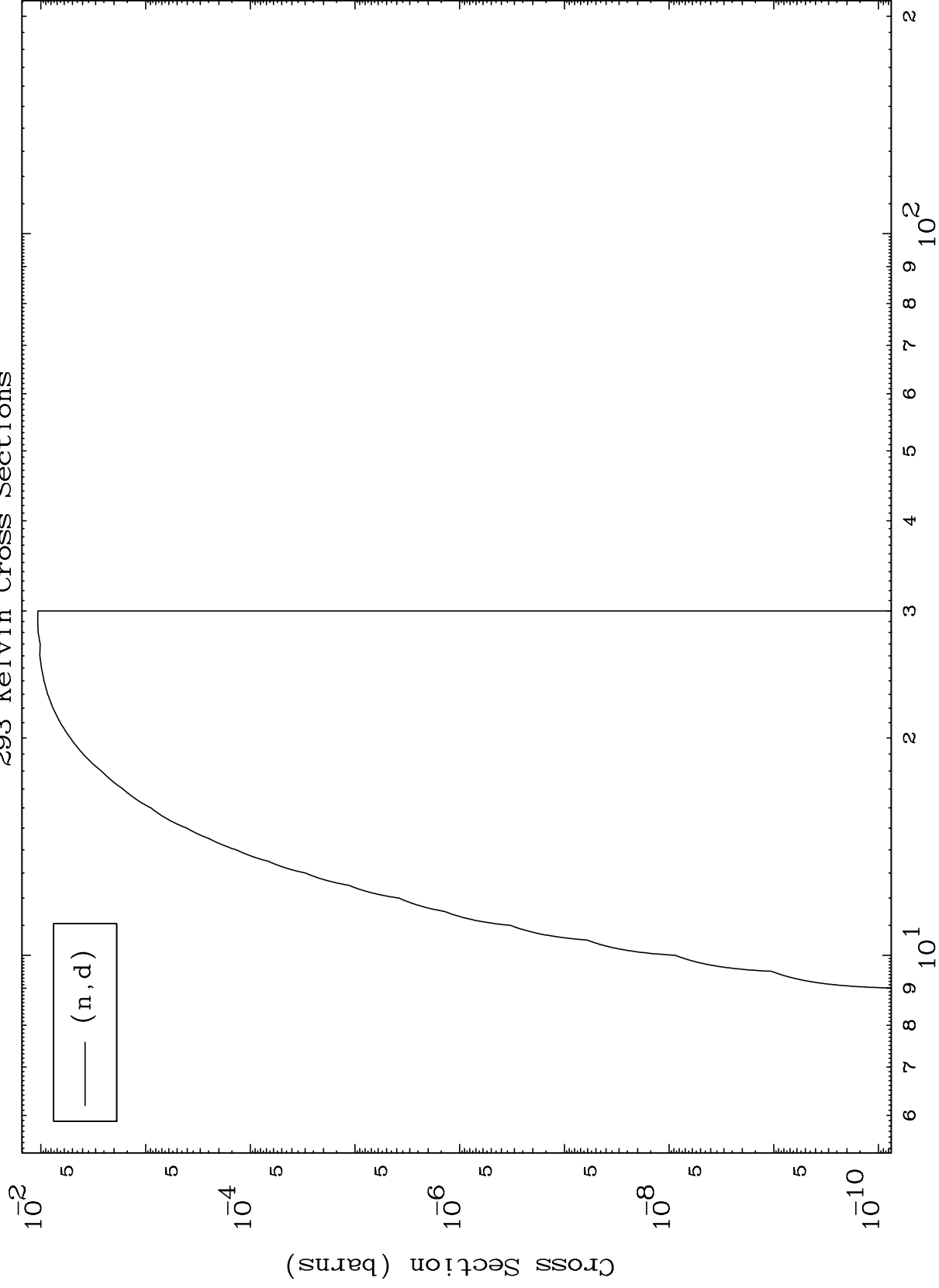
Incident Energy (MeV)

61-Pm-153

MAT 6167

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-153



13

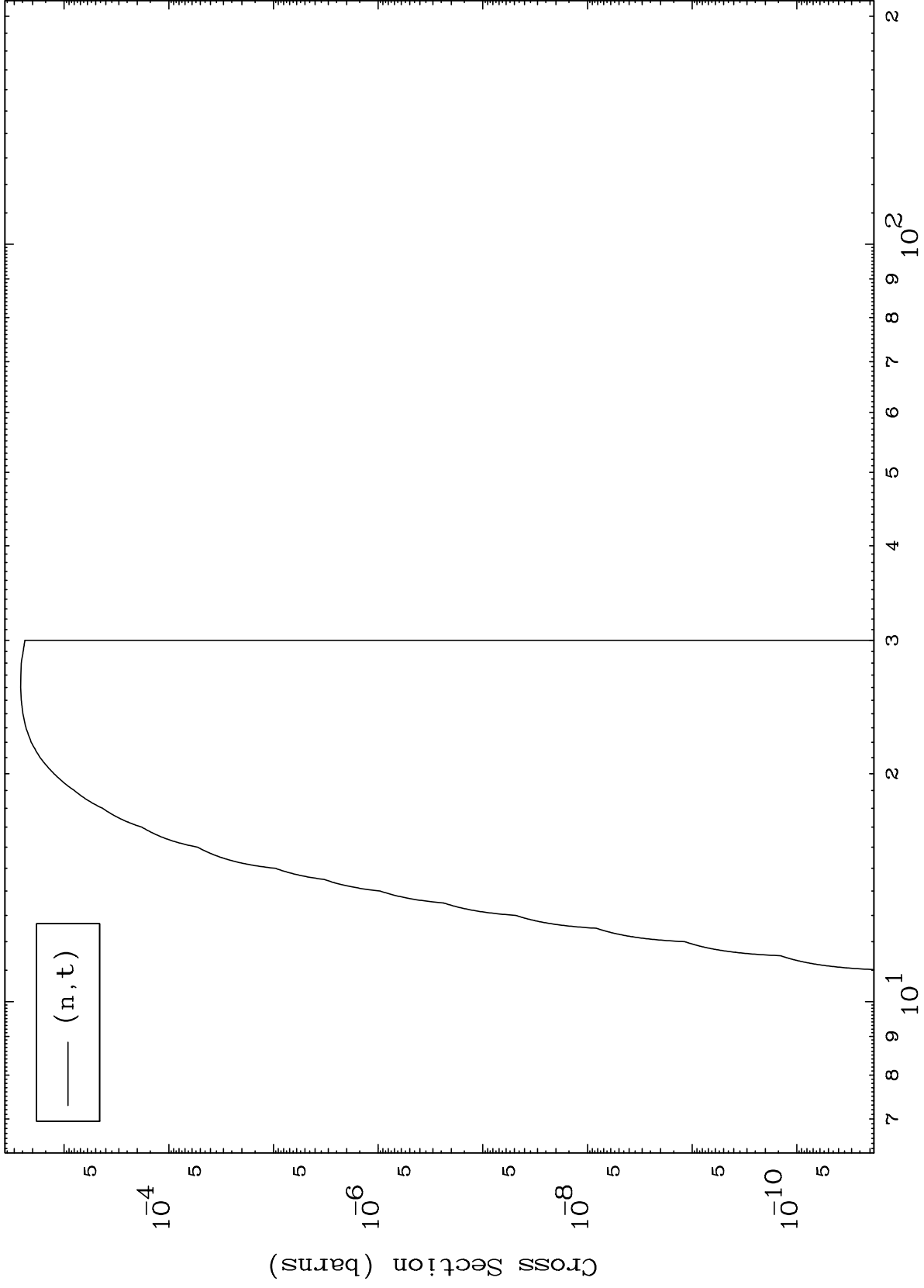
Incident Energy (MeV)

61-Pm-153

MAT 6167

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-153



14

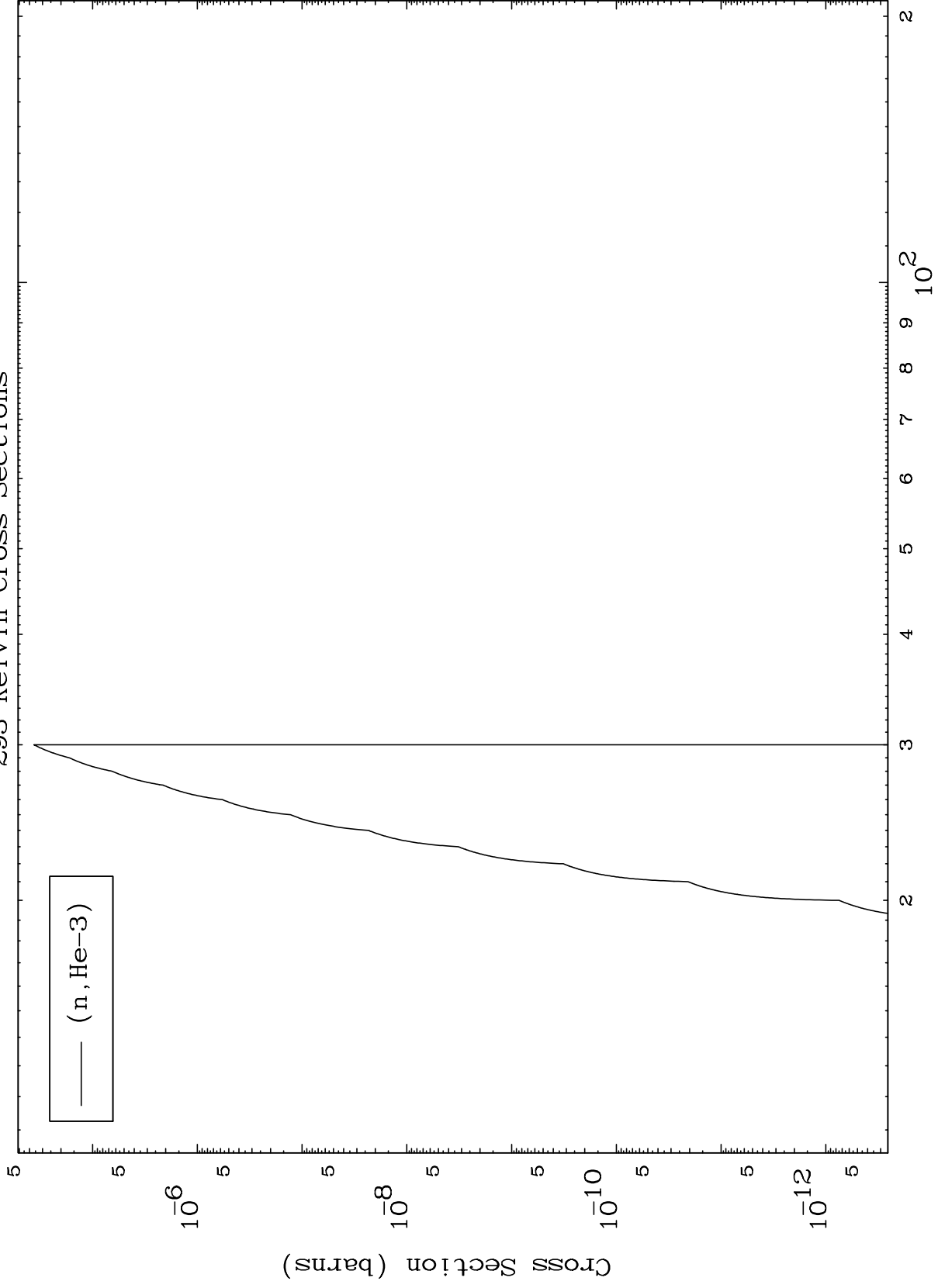
Incident Energy (MeV)

61-Pm-153

MAT 6167

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-153



15

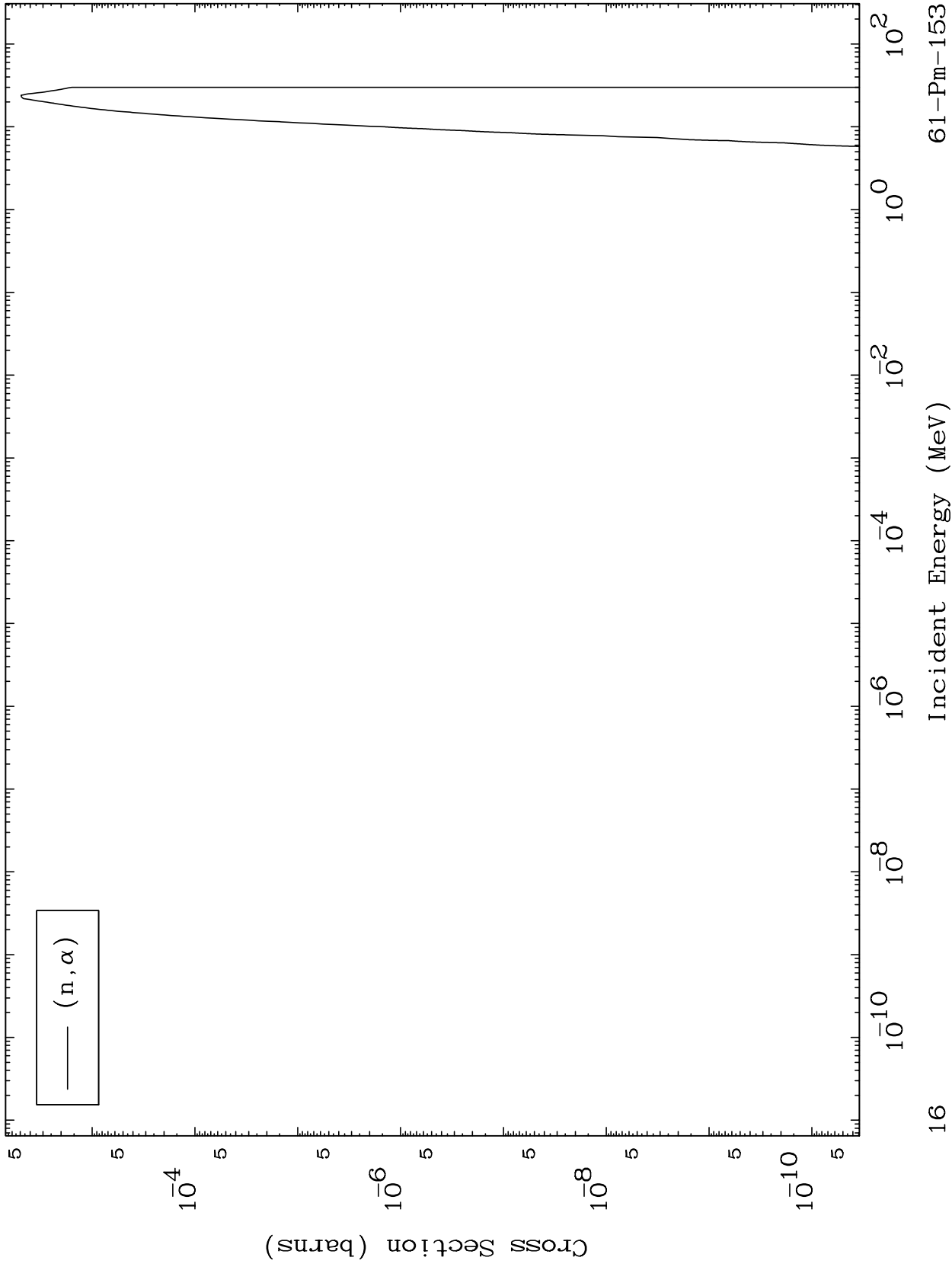
Incident Energy (MeV)

61-Pm-153

MAT 6167

(n, α) Levels
293 Kelvin Cross Sections

61-Pm-153



16

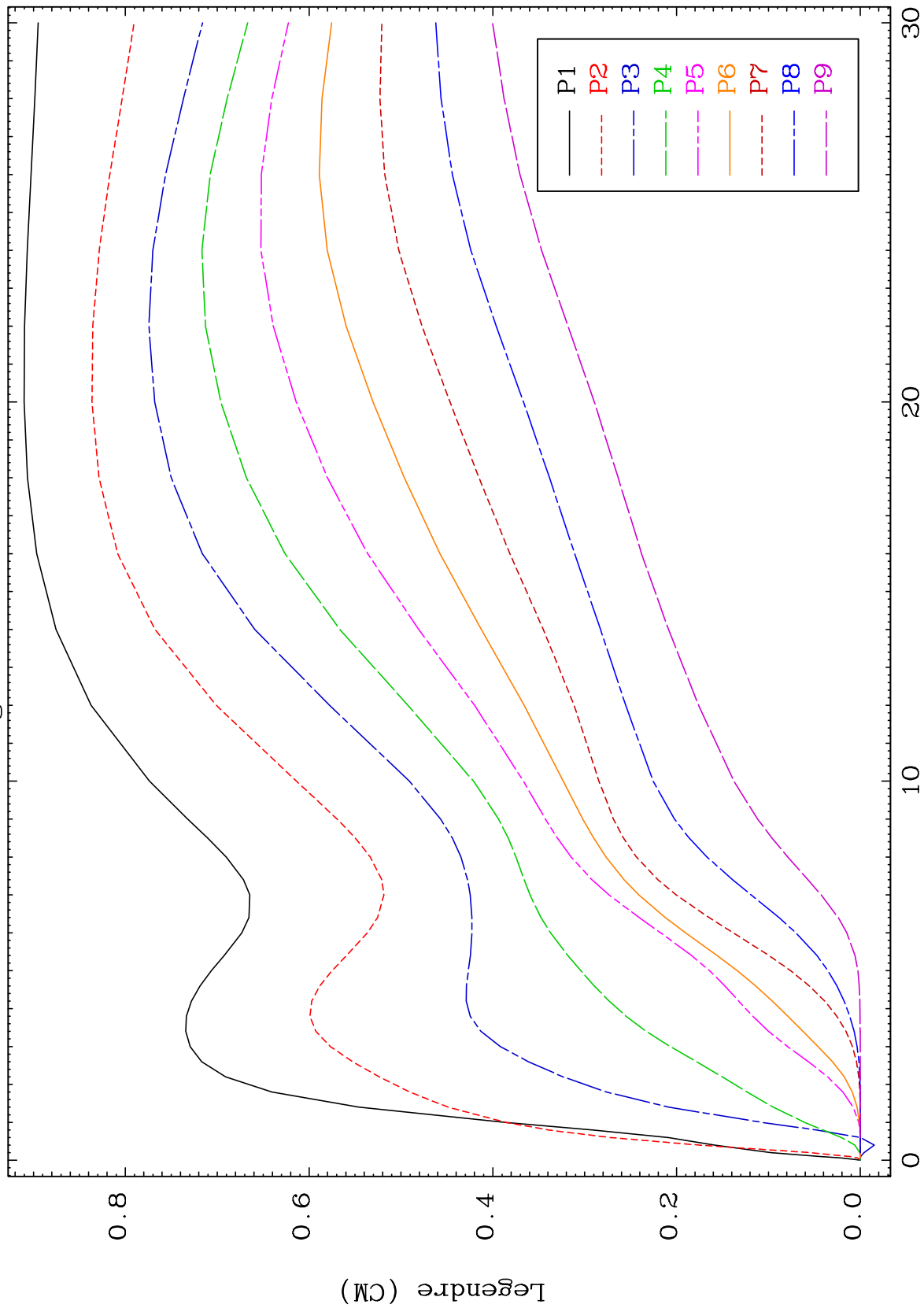
Incident Energy (MeV)

61-Pm-153

MAT 6167

Elastic Legendre Coefficients

61-Pm-153



17

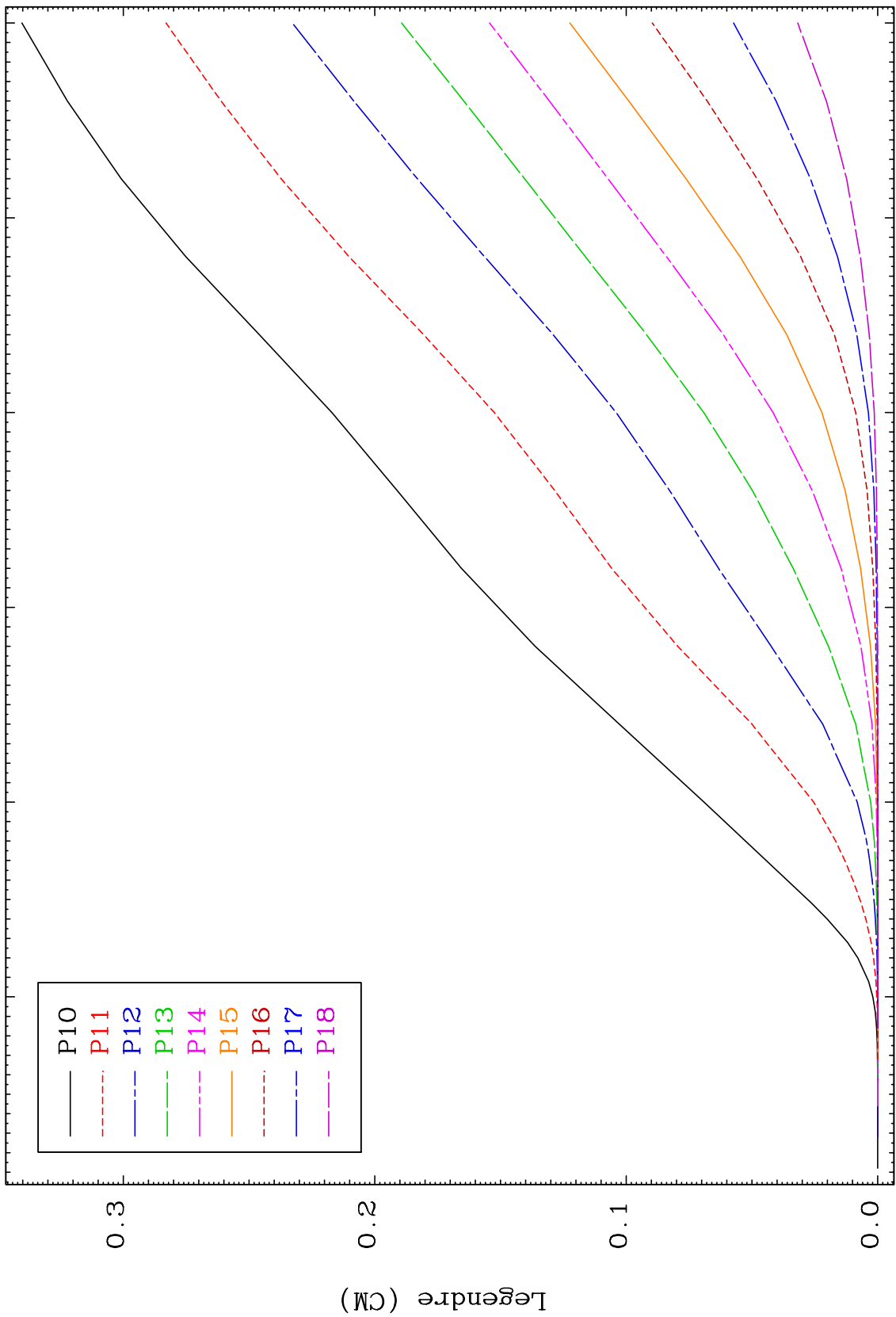
Incident Energy (MeV)

61-Pm-153

MAT 6167

Elastic Legendre Coefficients

61-Pm-153

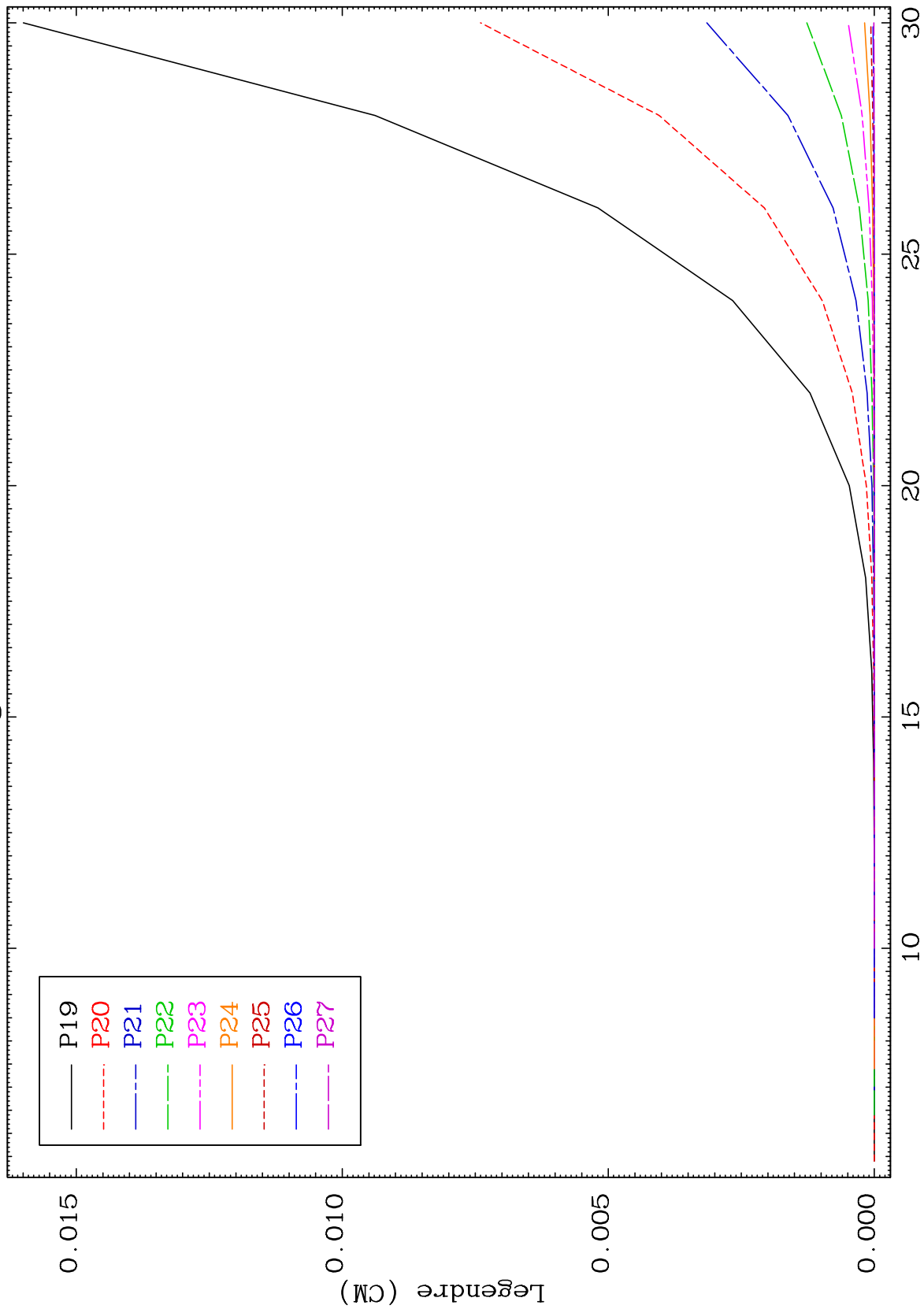


18

Incident Energy (MeV)

61-Pm-153

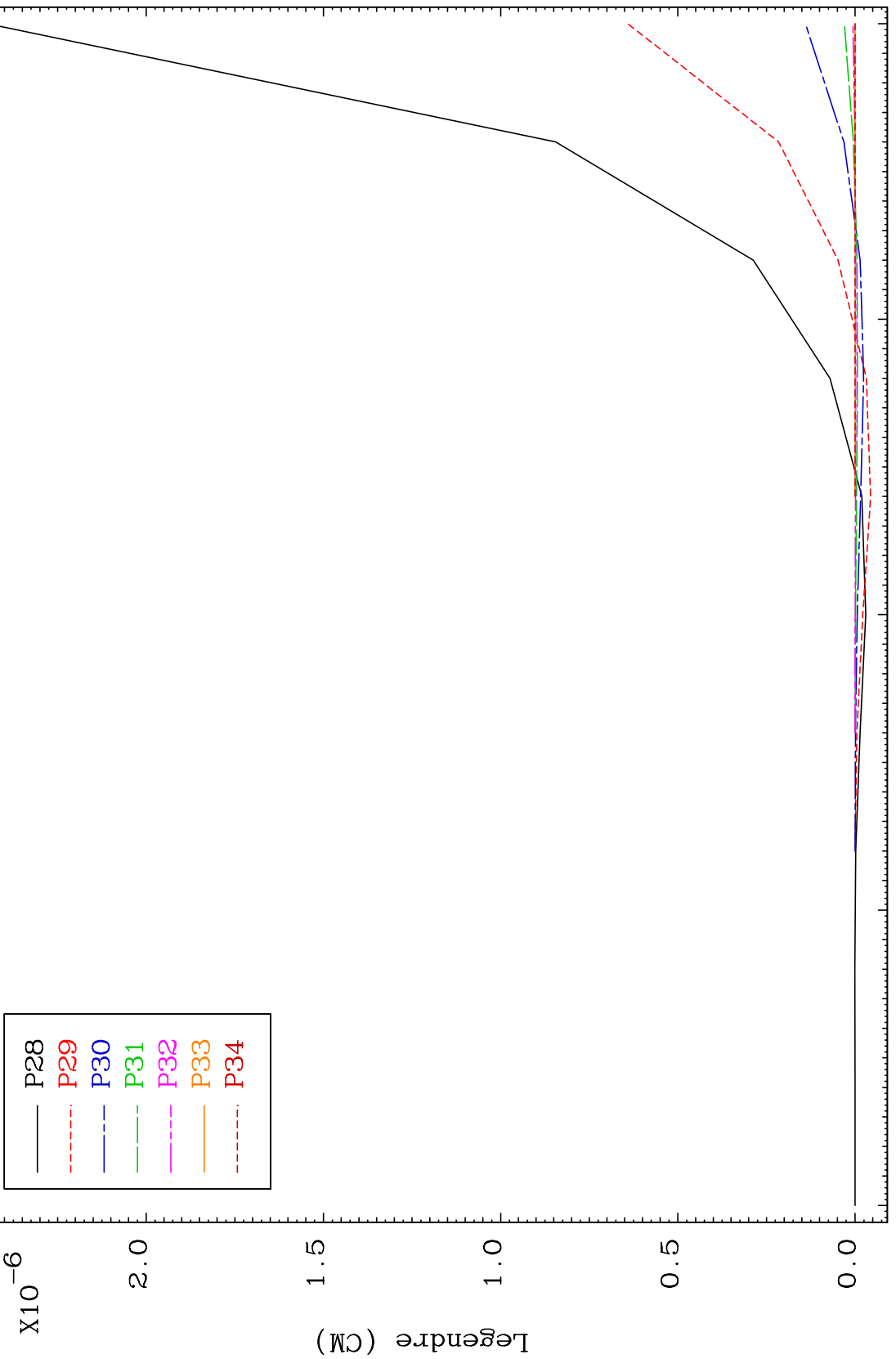
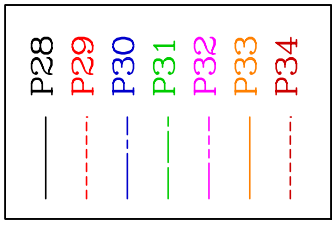
Elastic Legendre Coefficients



MAT 6167

Elastic Legendre Coefficients

61-Pm-153



20

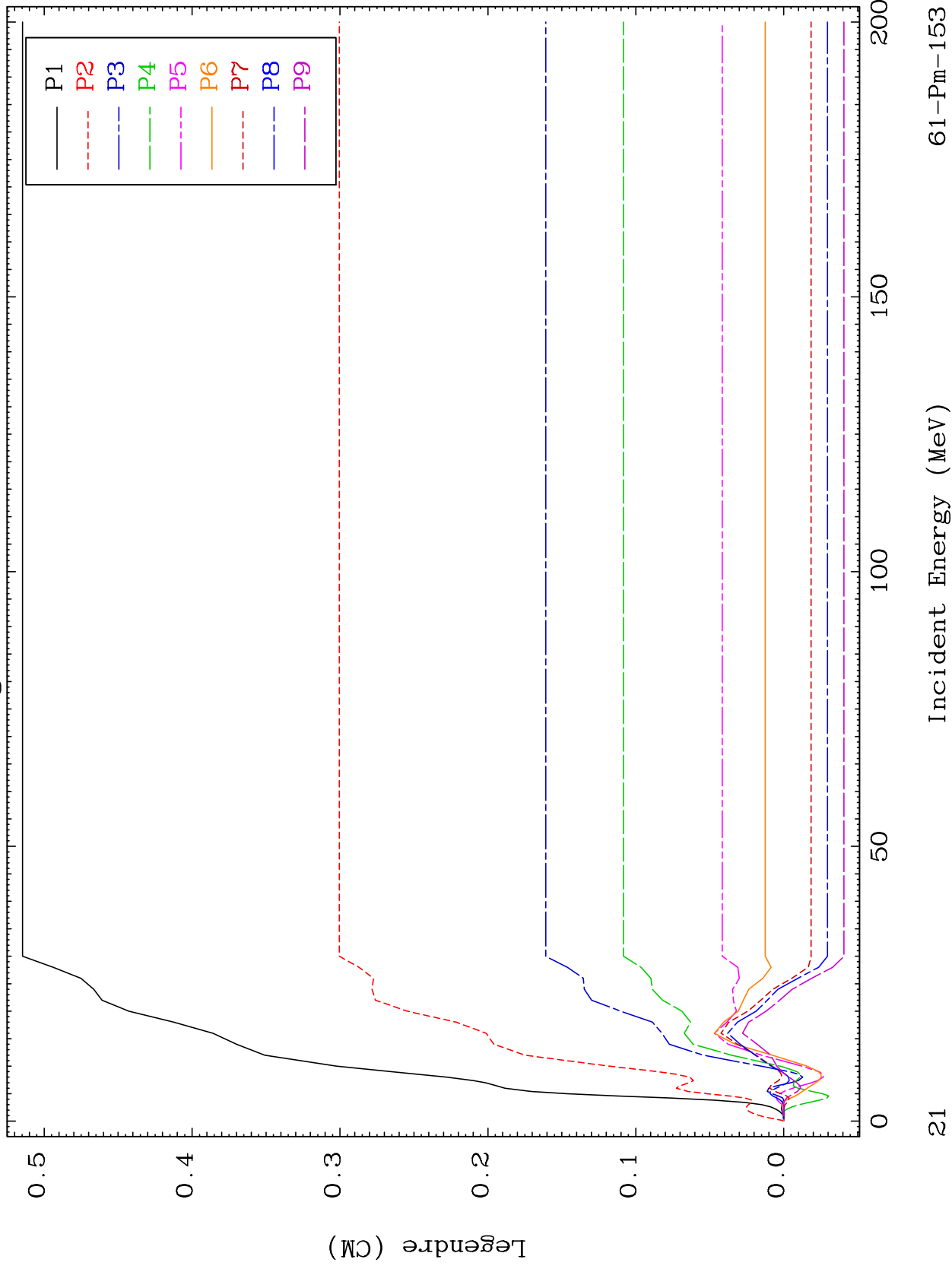
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153

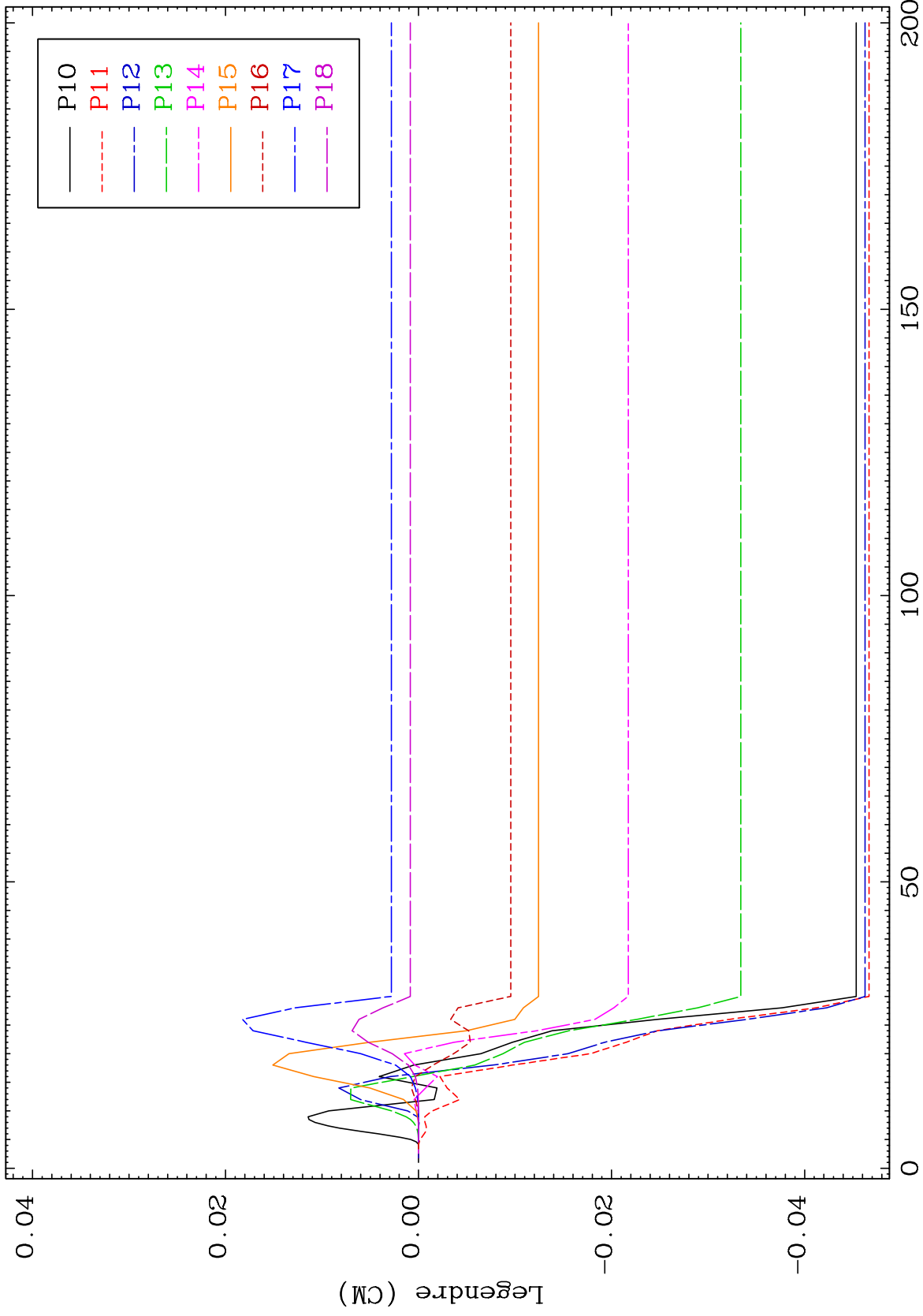


21

MAT 6167

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

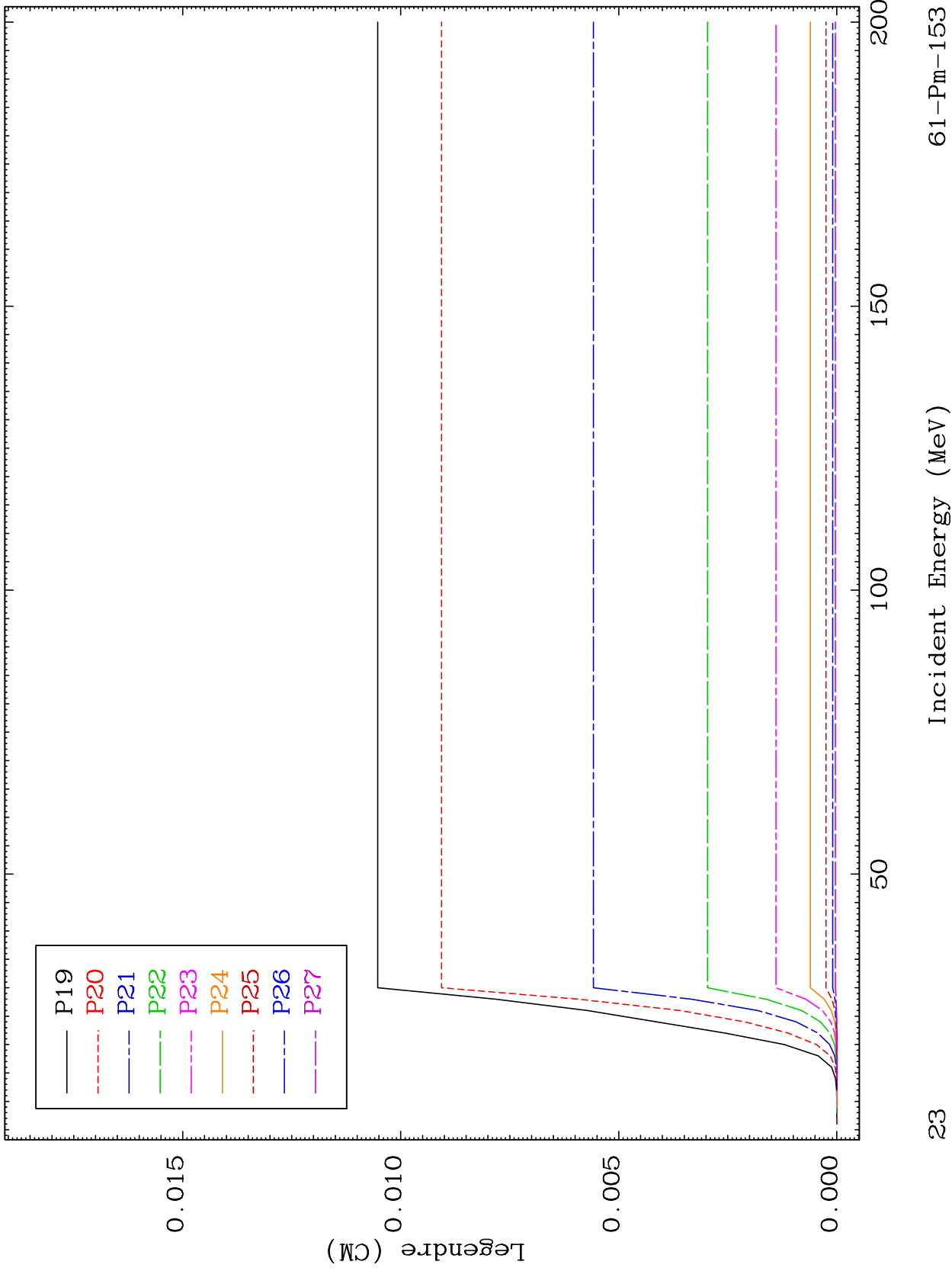
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22

Incident Energy (MeV)

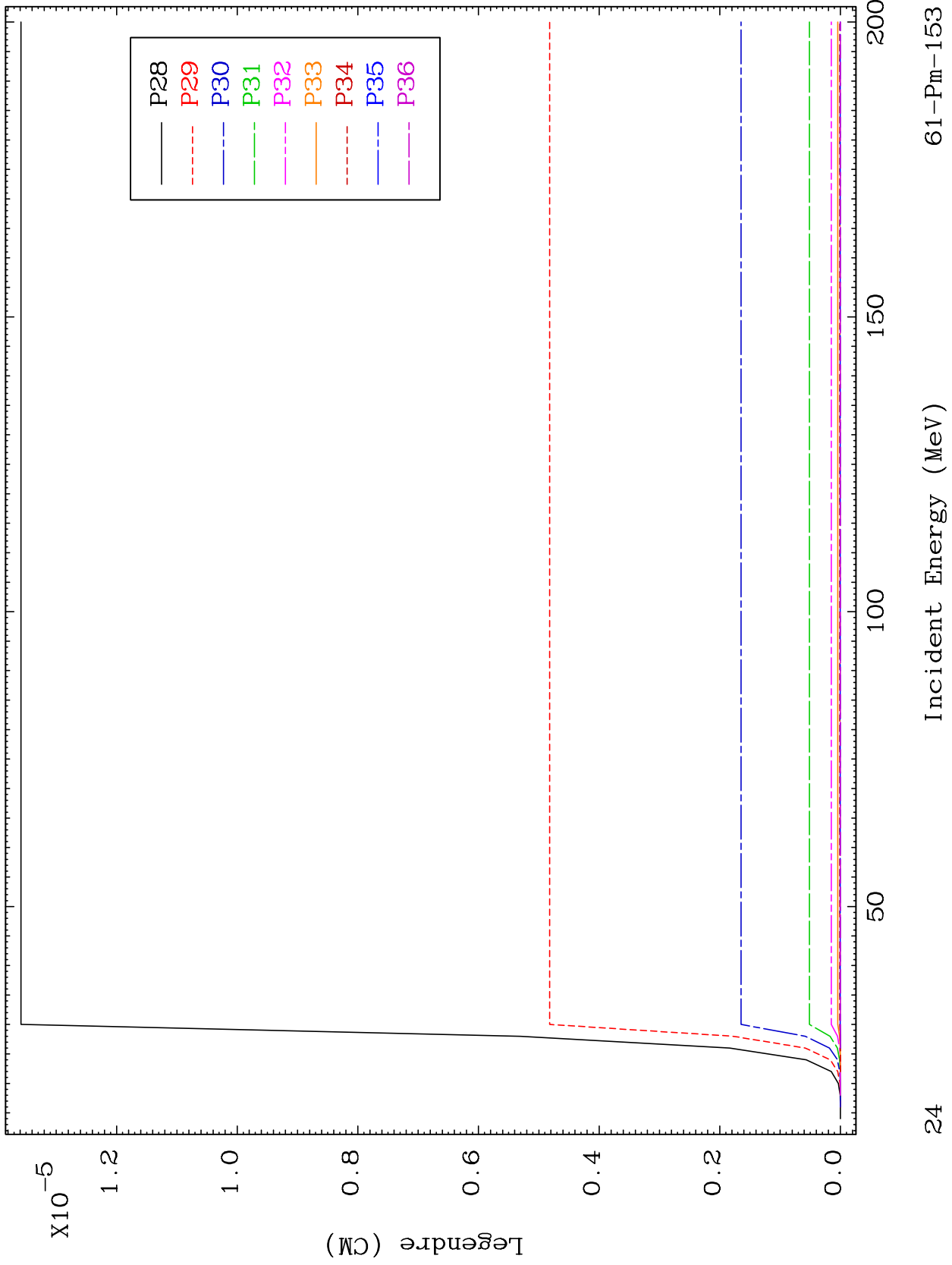
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MAT 6167

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

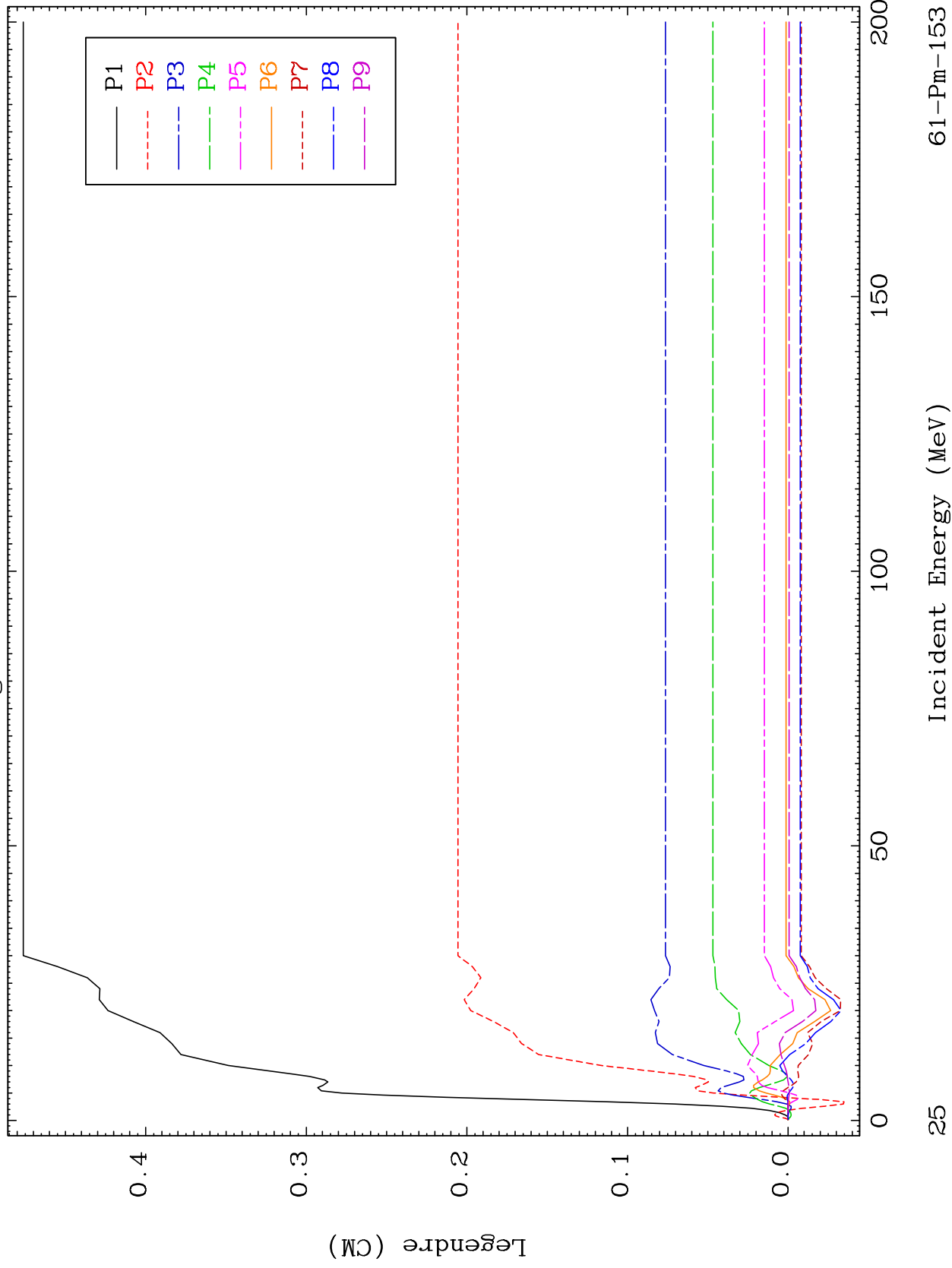
61-Pm-153



MAT 6167

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

61-Pm-153



61-Pm-153

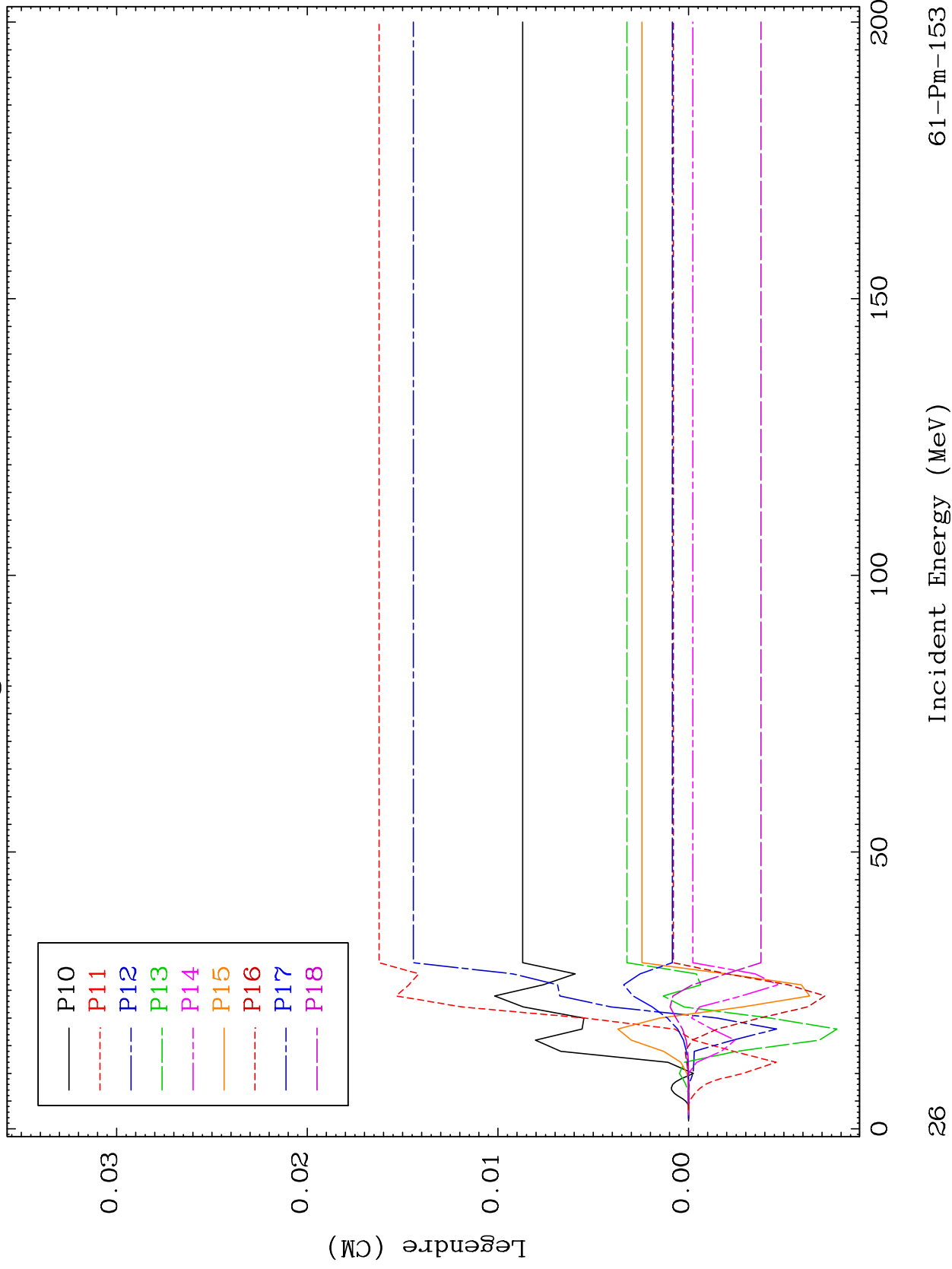
Incident Energy (MeV)

25

MAT 6167

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

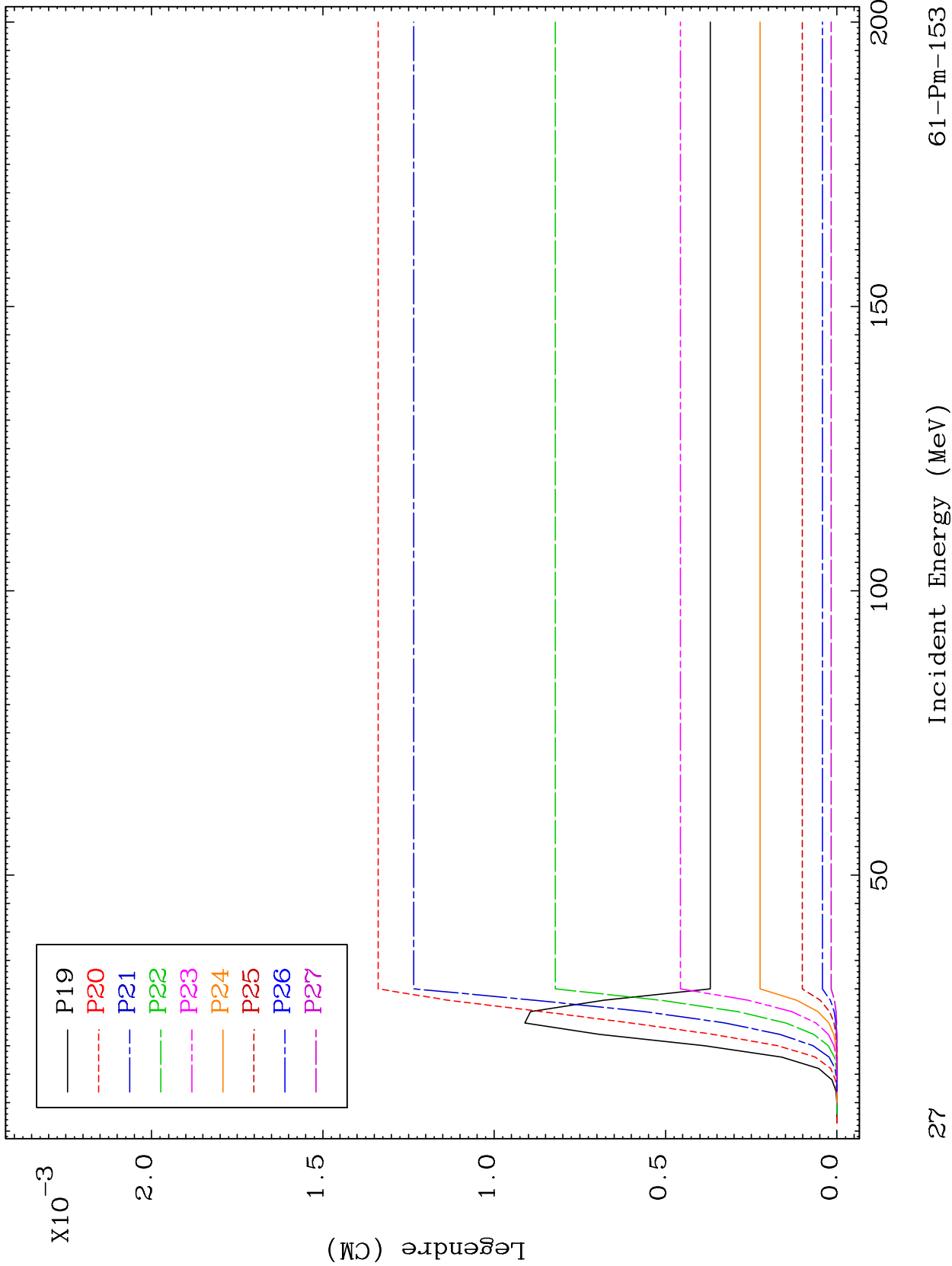
61-Pm-153



26

Incident Energy (MeV)

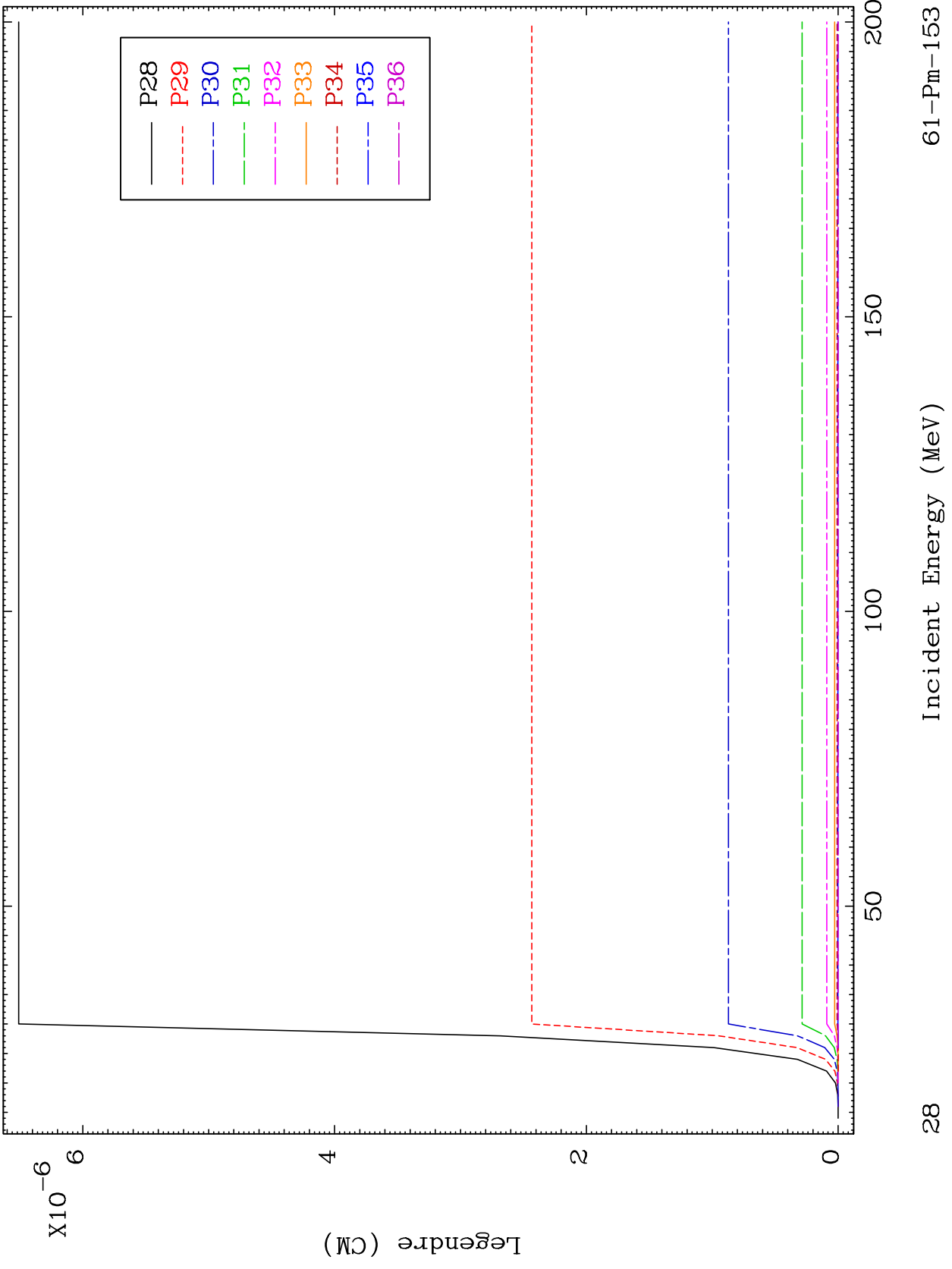
61-Pm-153



MAT 6167

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

61-Pm-153

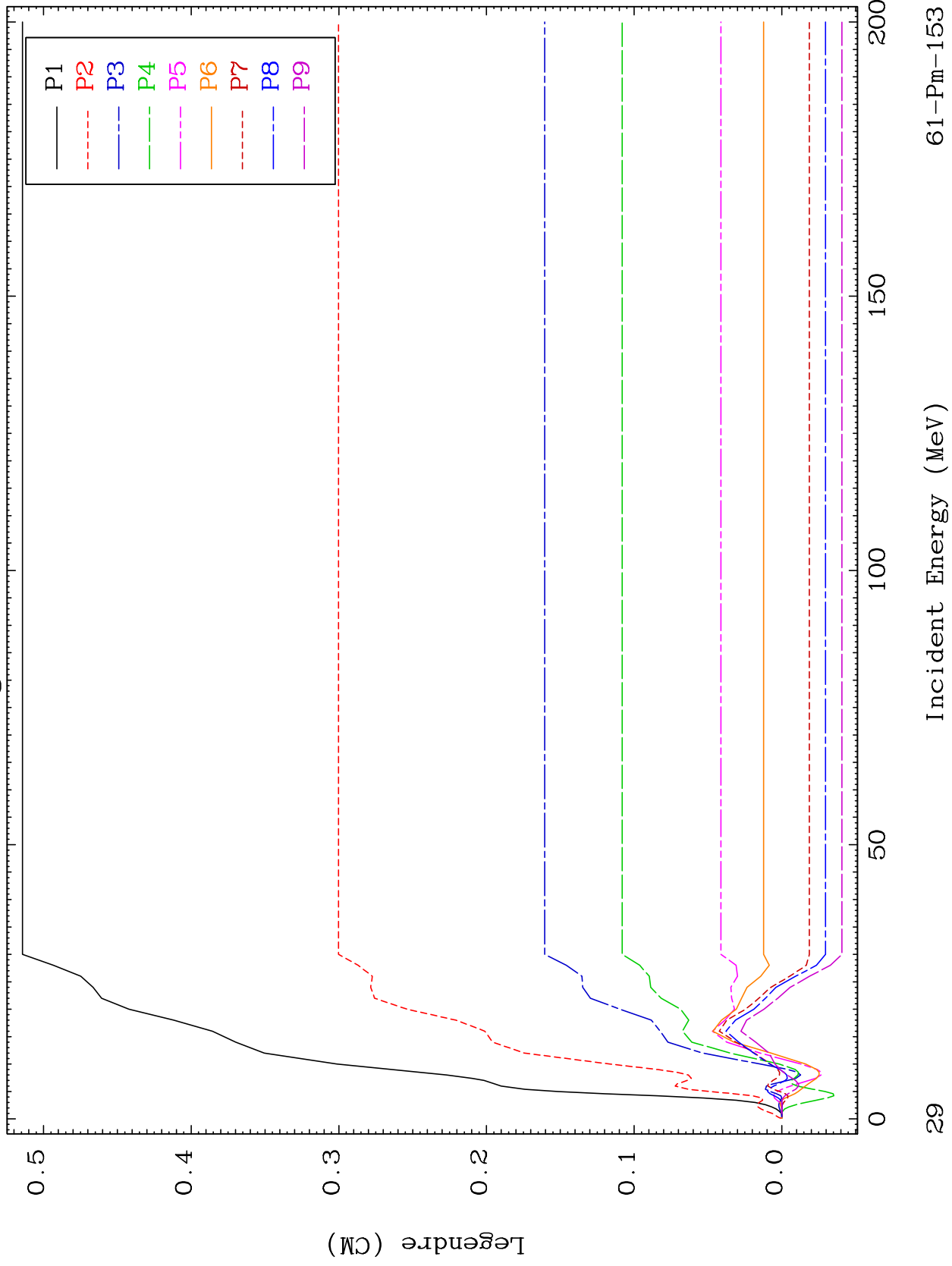


28

MAT 6167

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

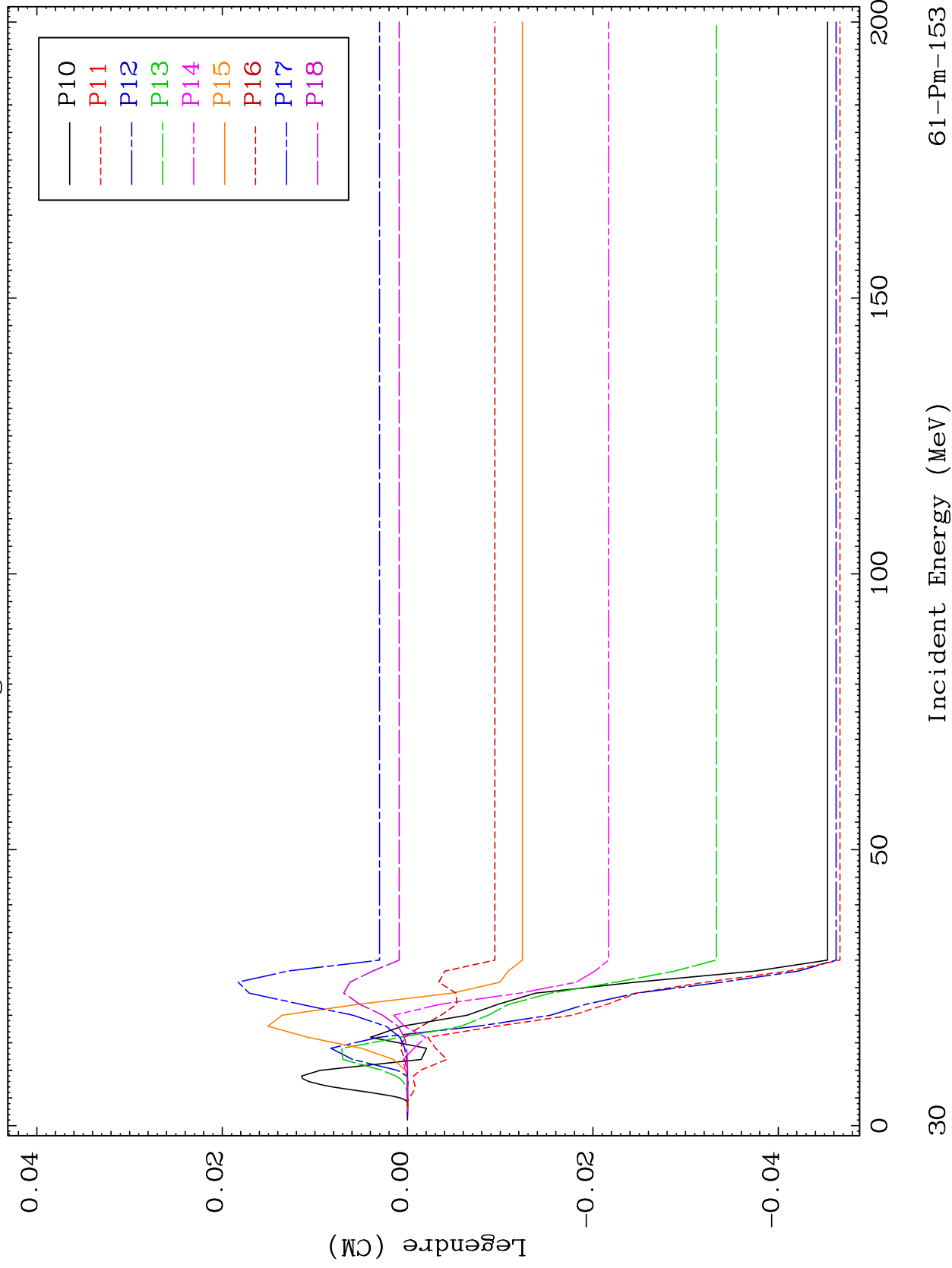
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MAT 6167

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

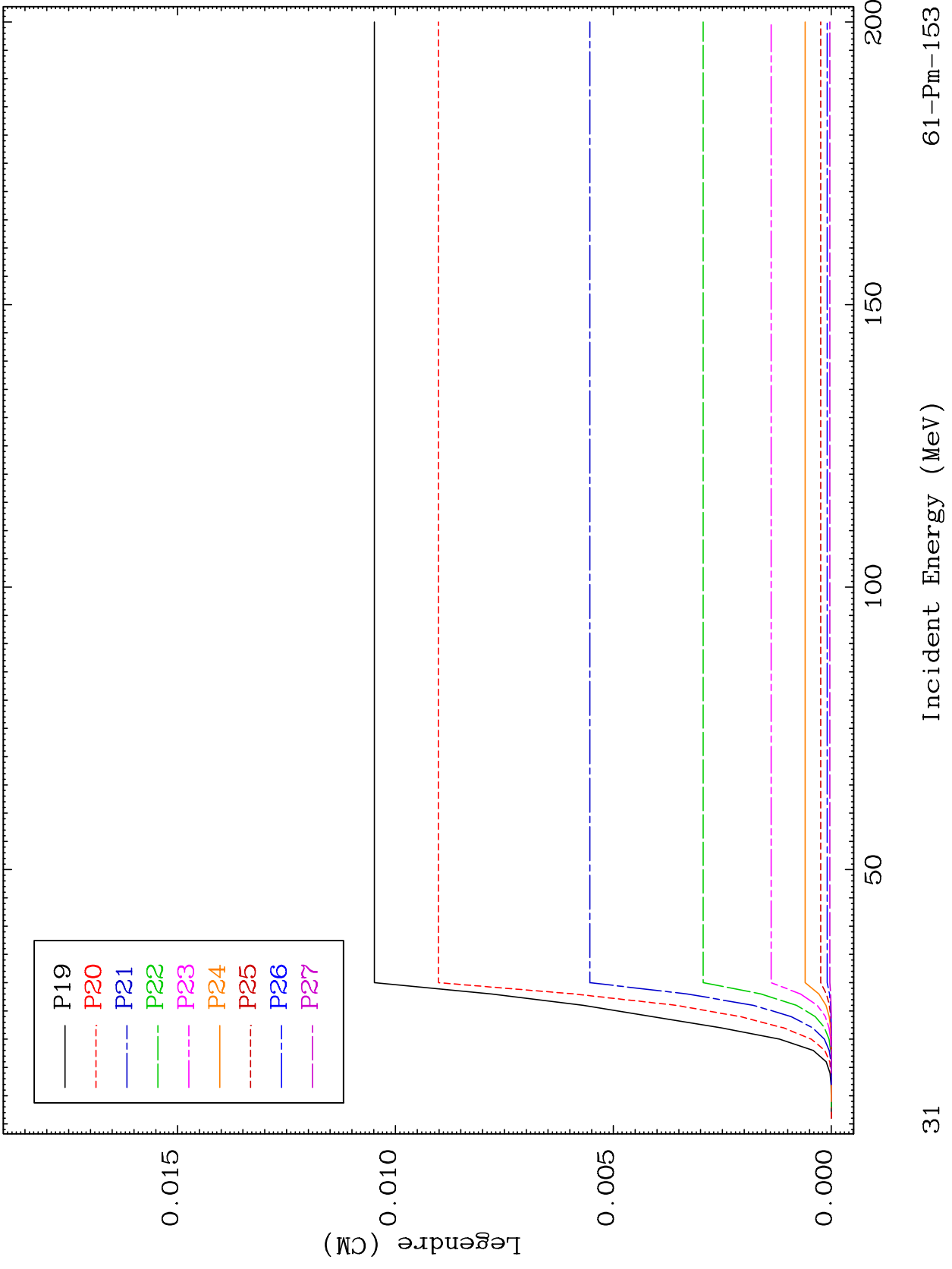
61-Pm-153



61-Pm-153

Incident Energy (MeV)

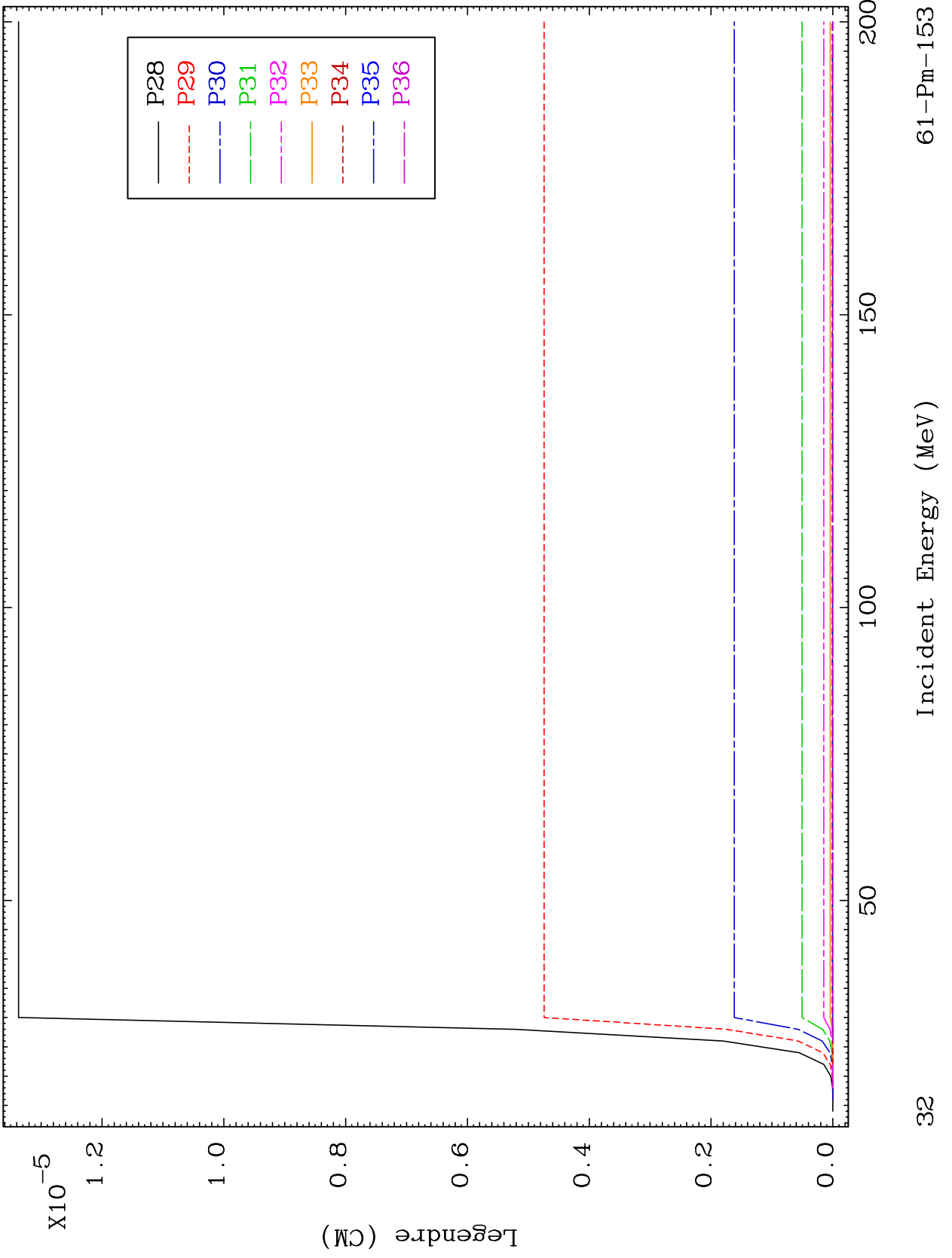
30



MAT 6167

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

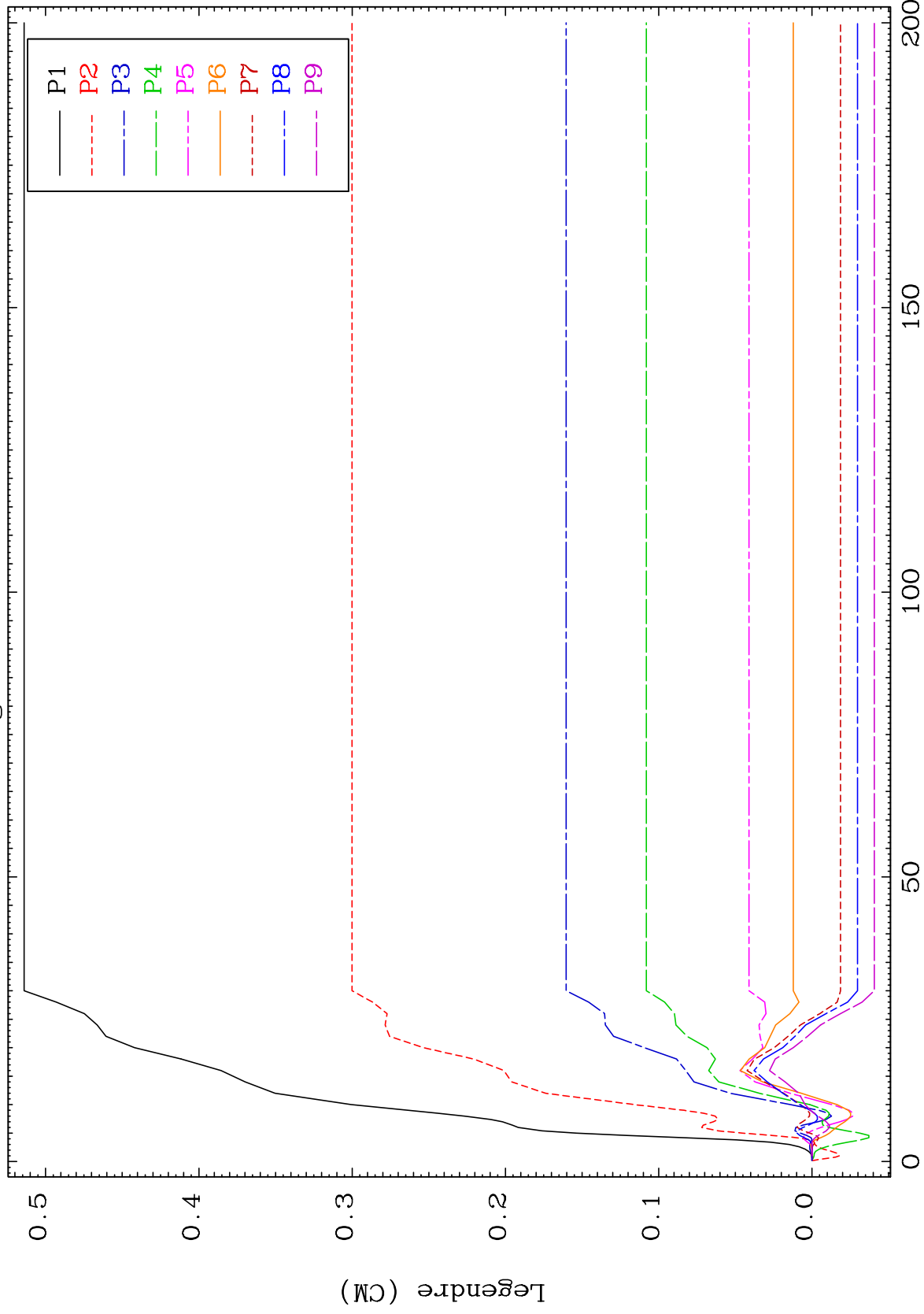
61-Pm-153



MAT 6167

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

61-Pm-153



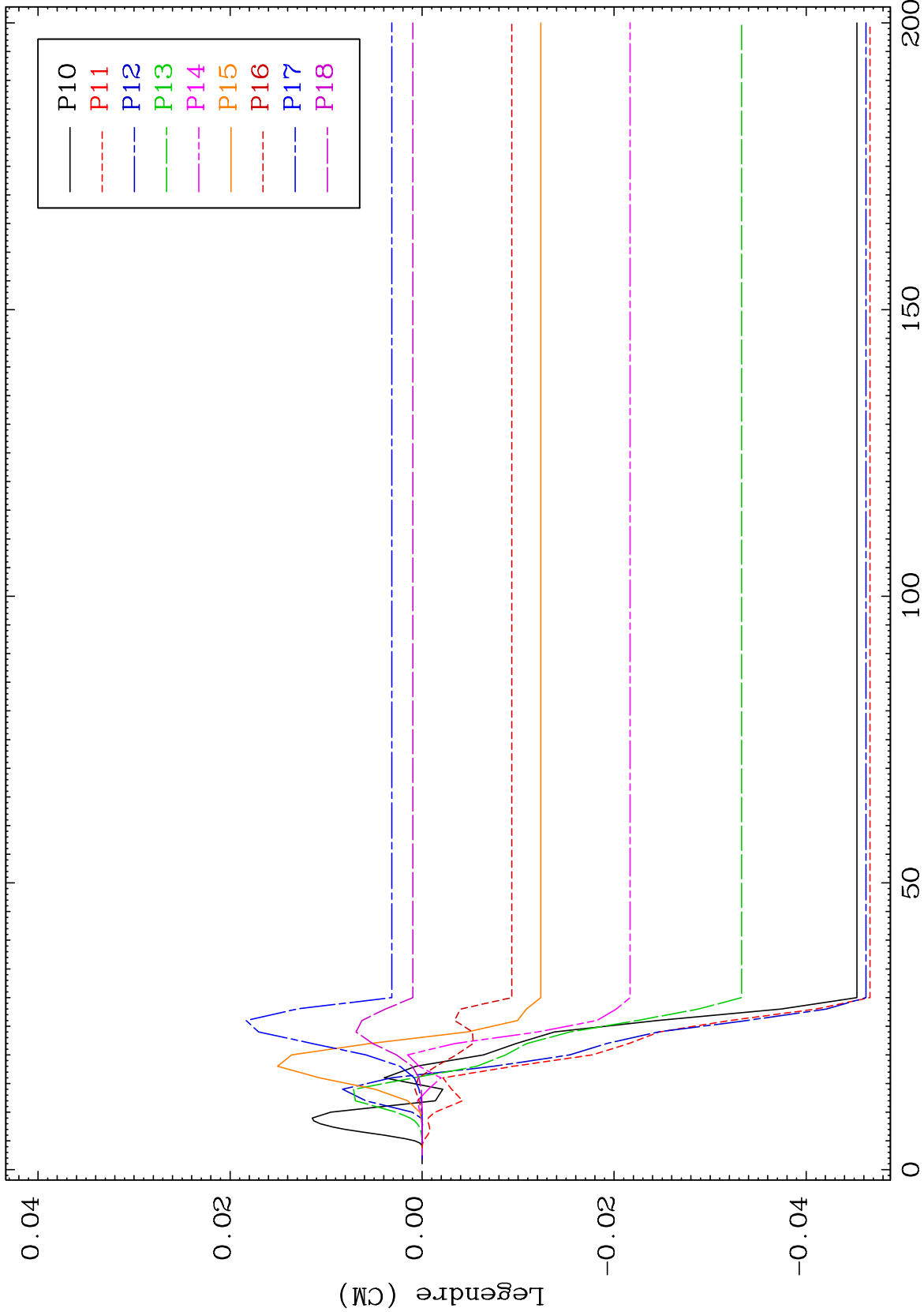
33

61-Pm-153

MAT 6167

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

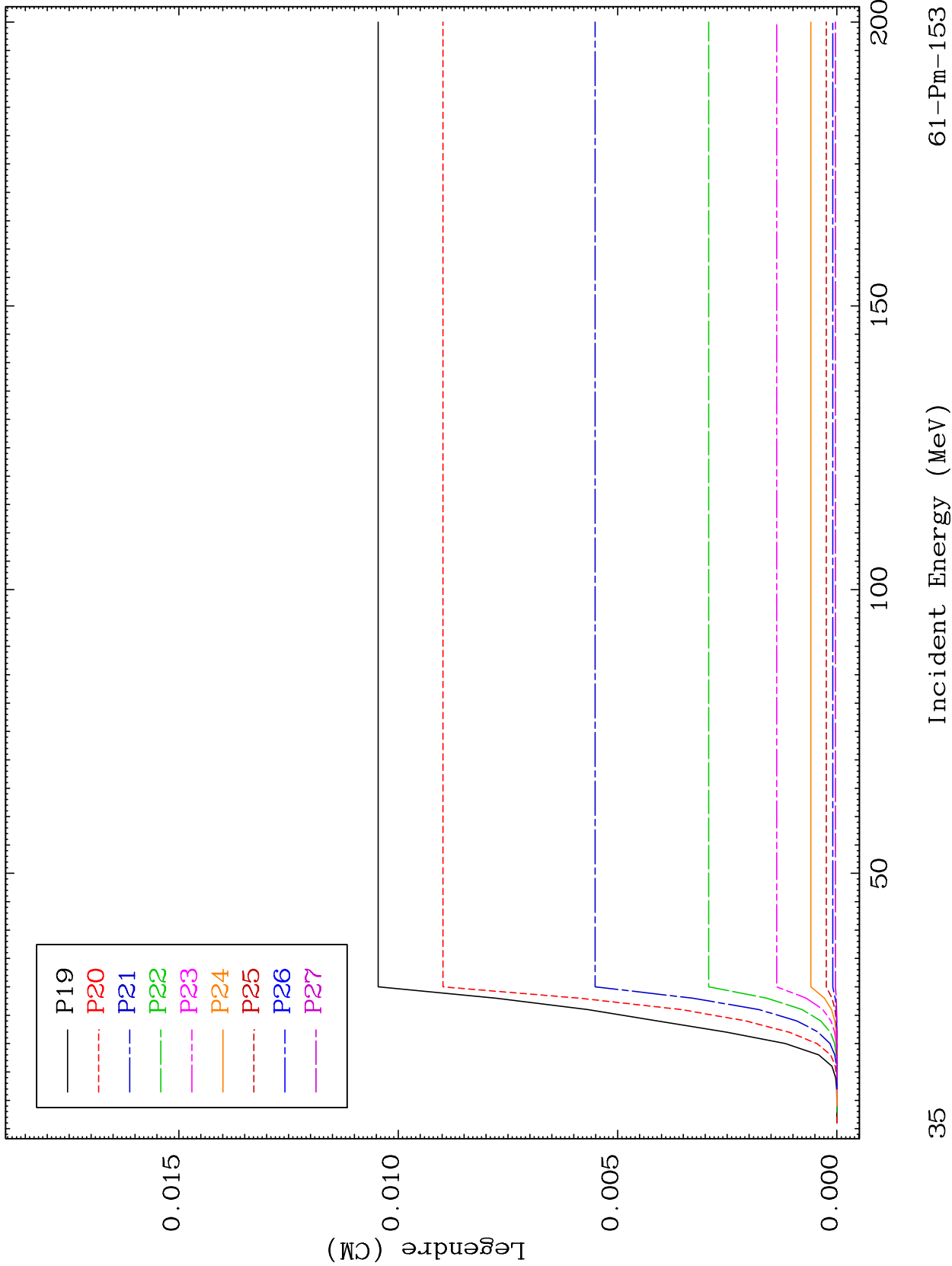
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34

Incident Energy (MeV)

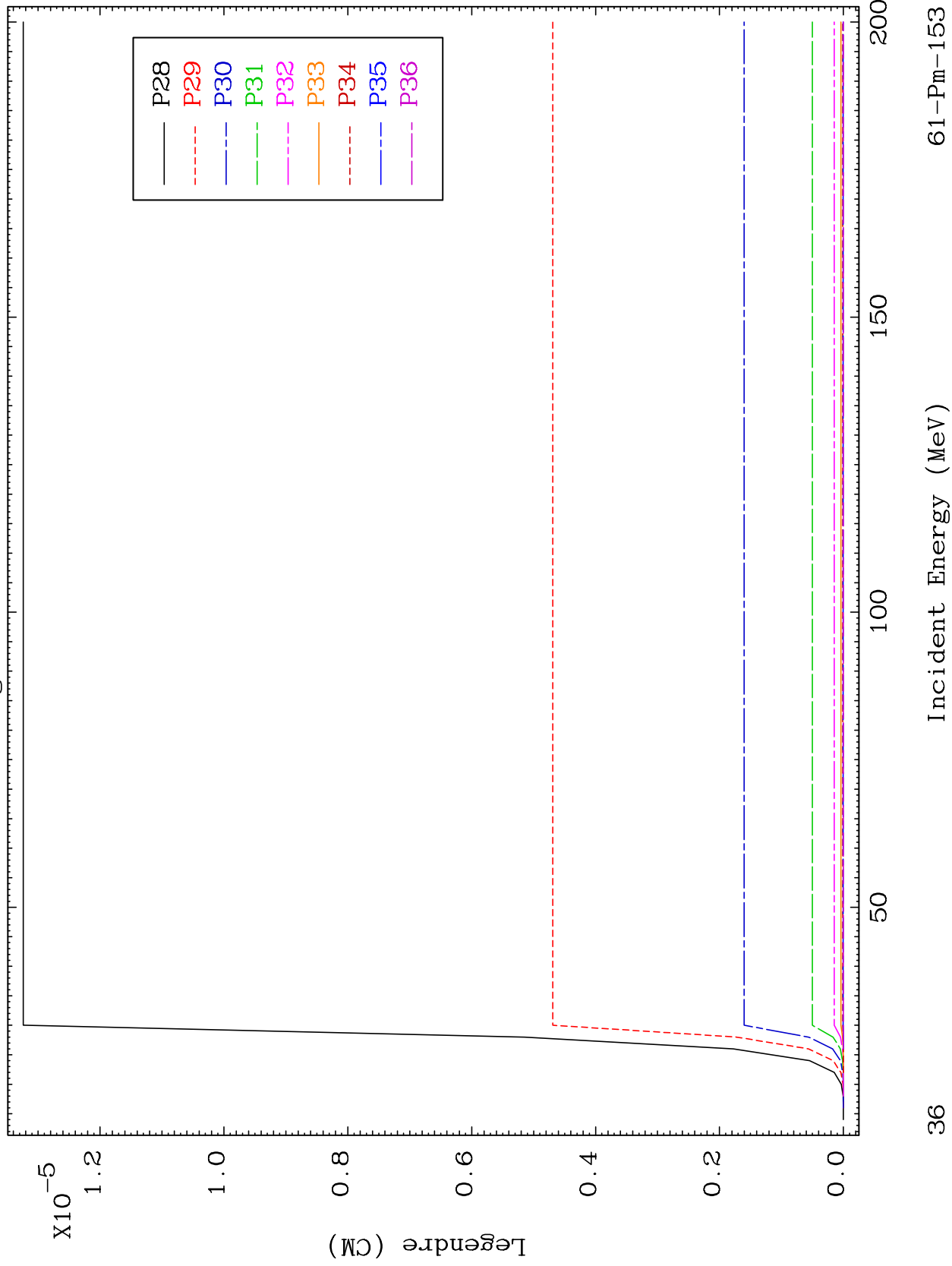
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MAT 6167

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

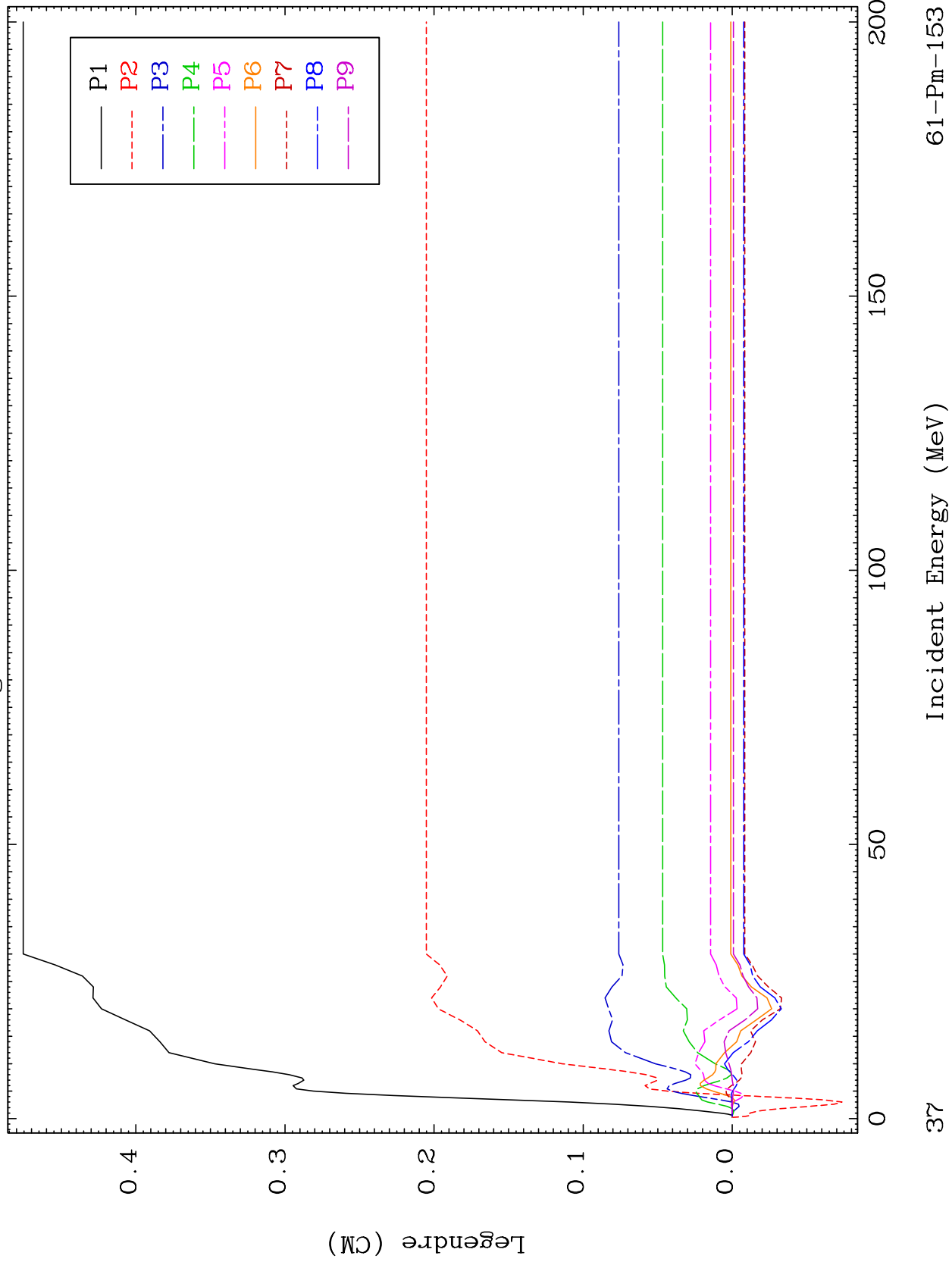
61-Pm-153



MAT 6167

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

61-Pm-153



61-Pm-153

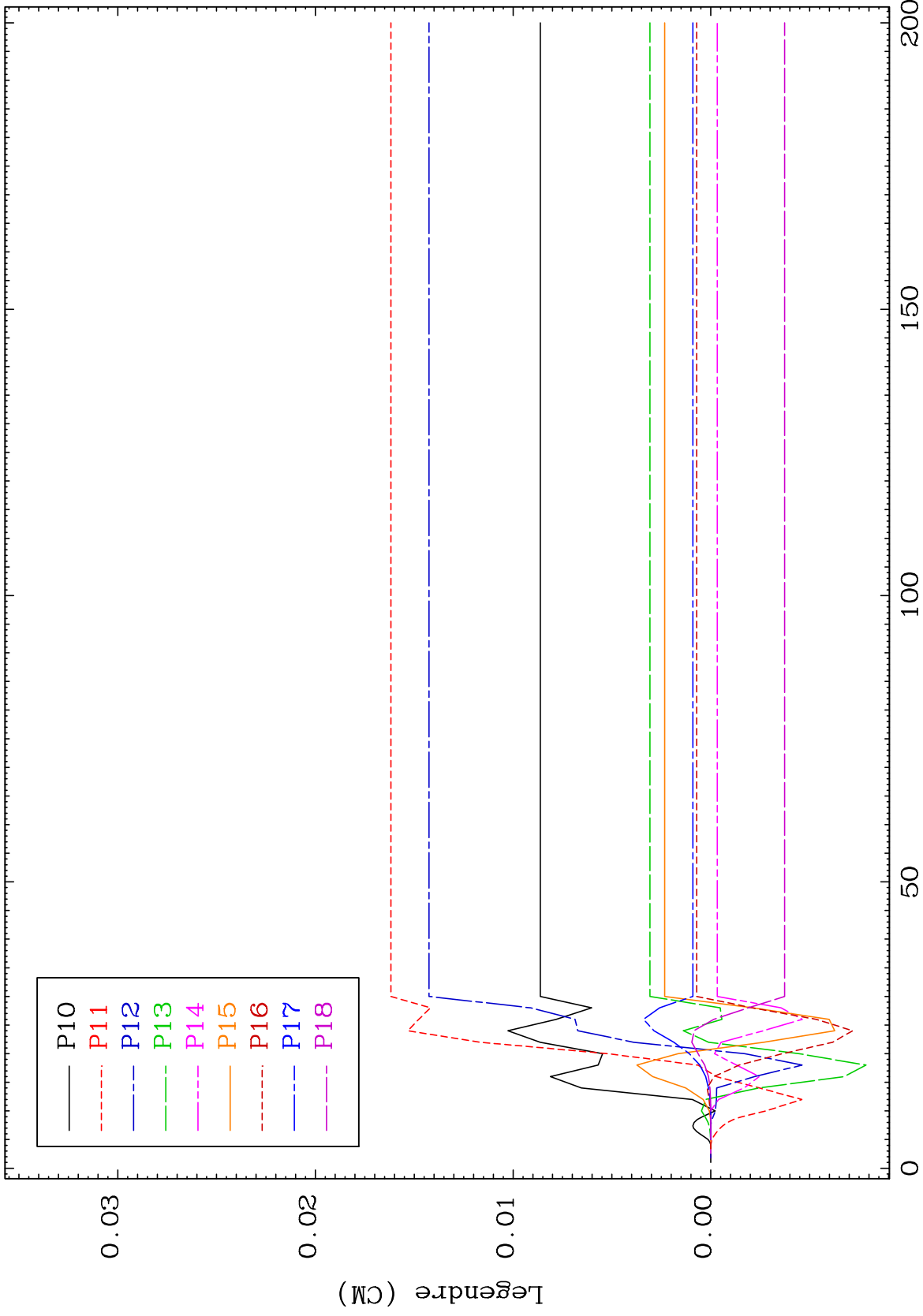
Incident Energy (MeV)

37

MAT 61677

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

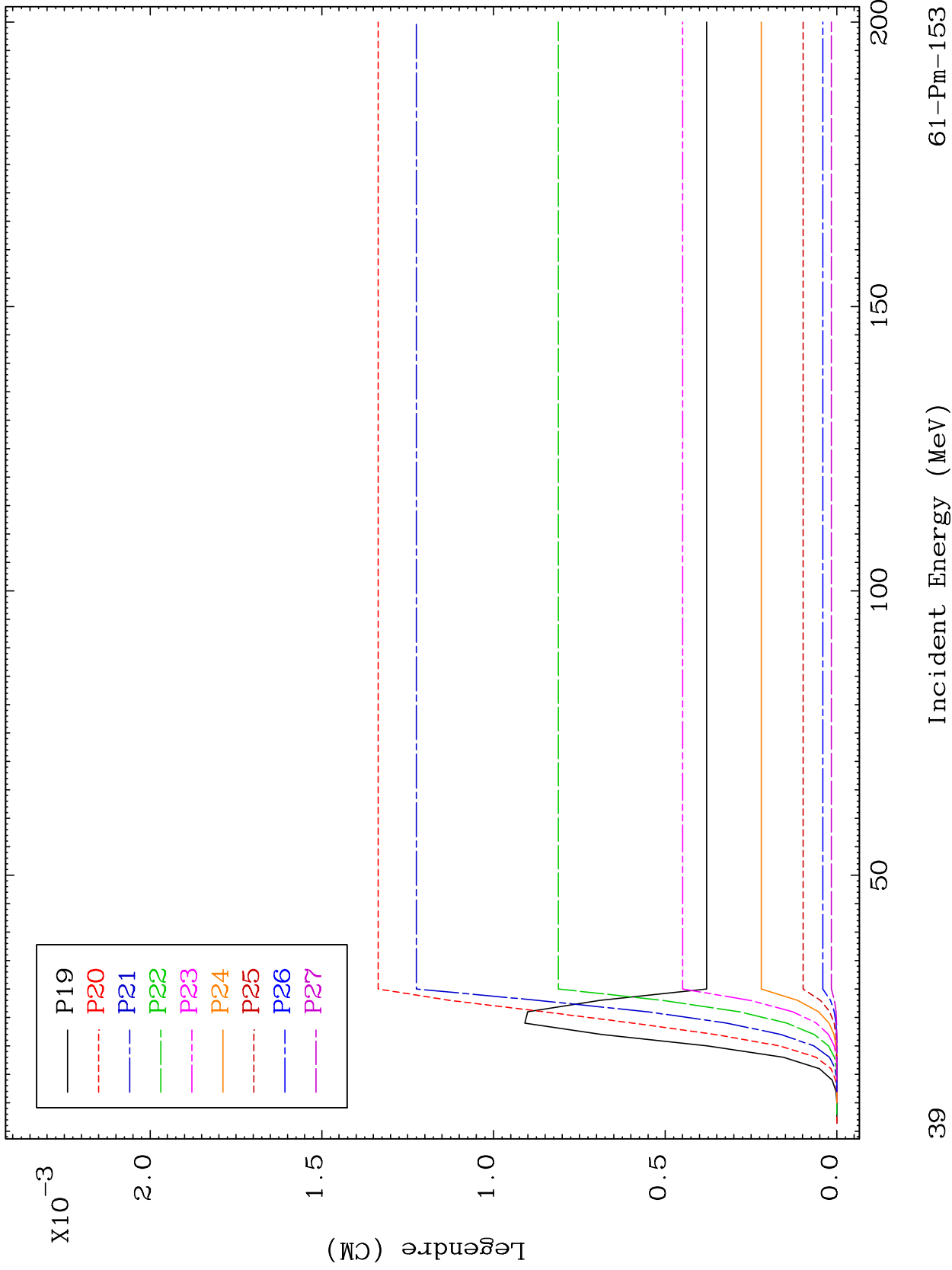
61-Pm-153



38

Incident Energy (MeV)

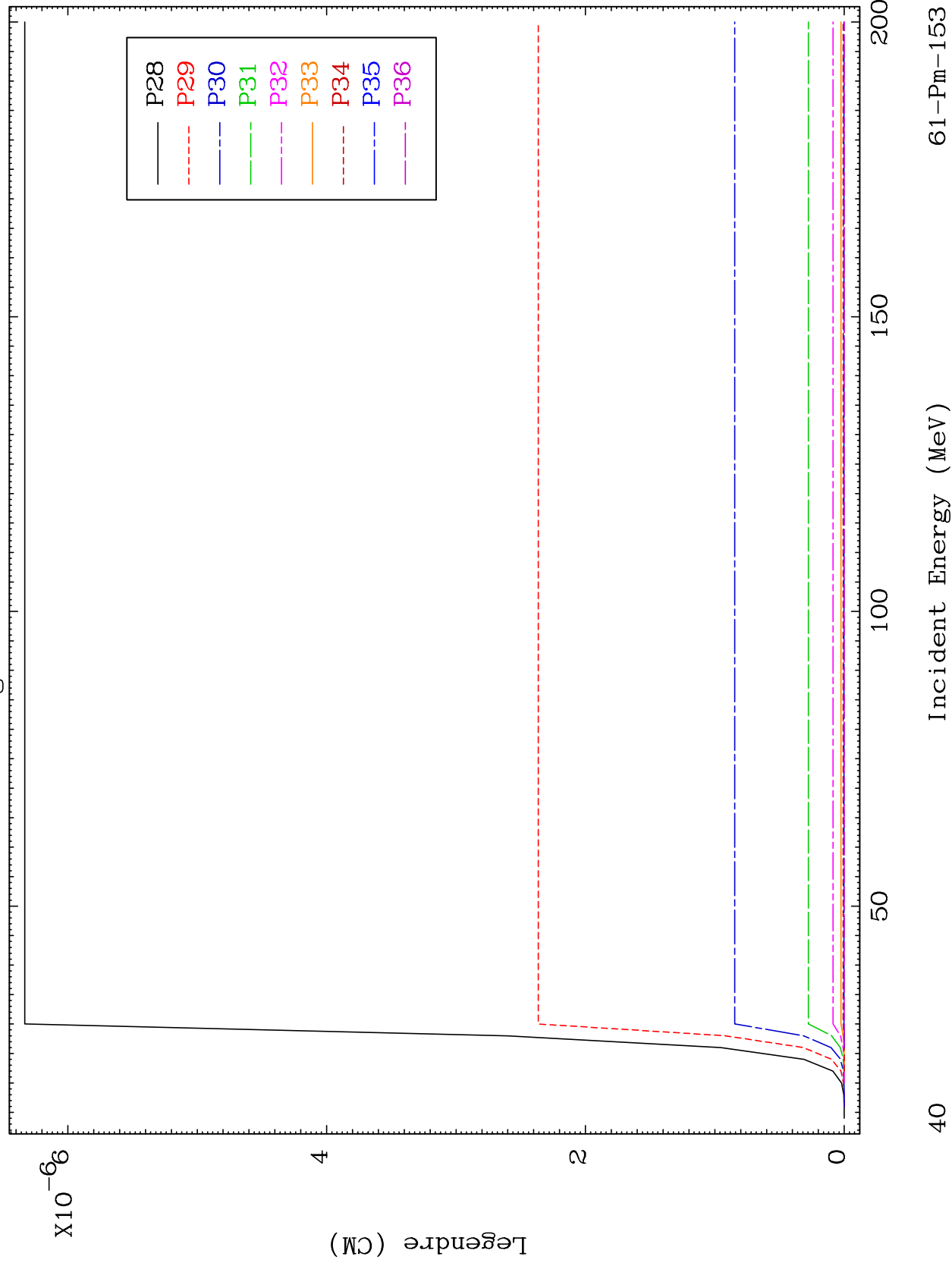
61-Pm-153



MAT 6167

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

61-Pm-153

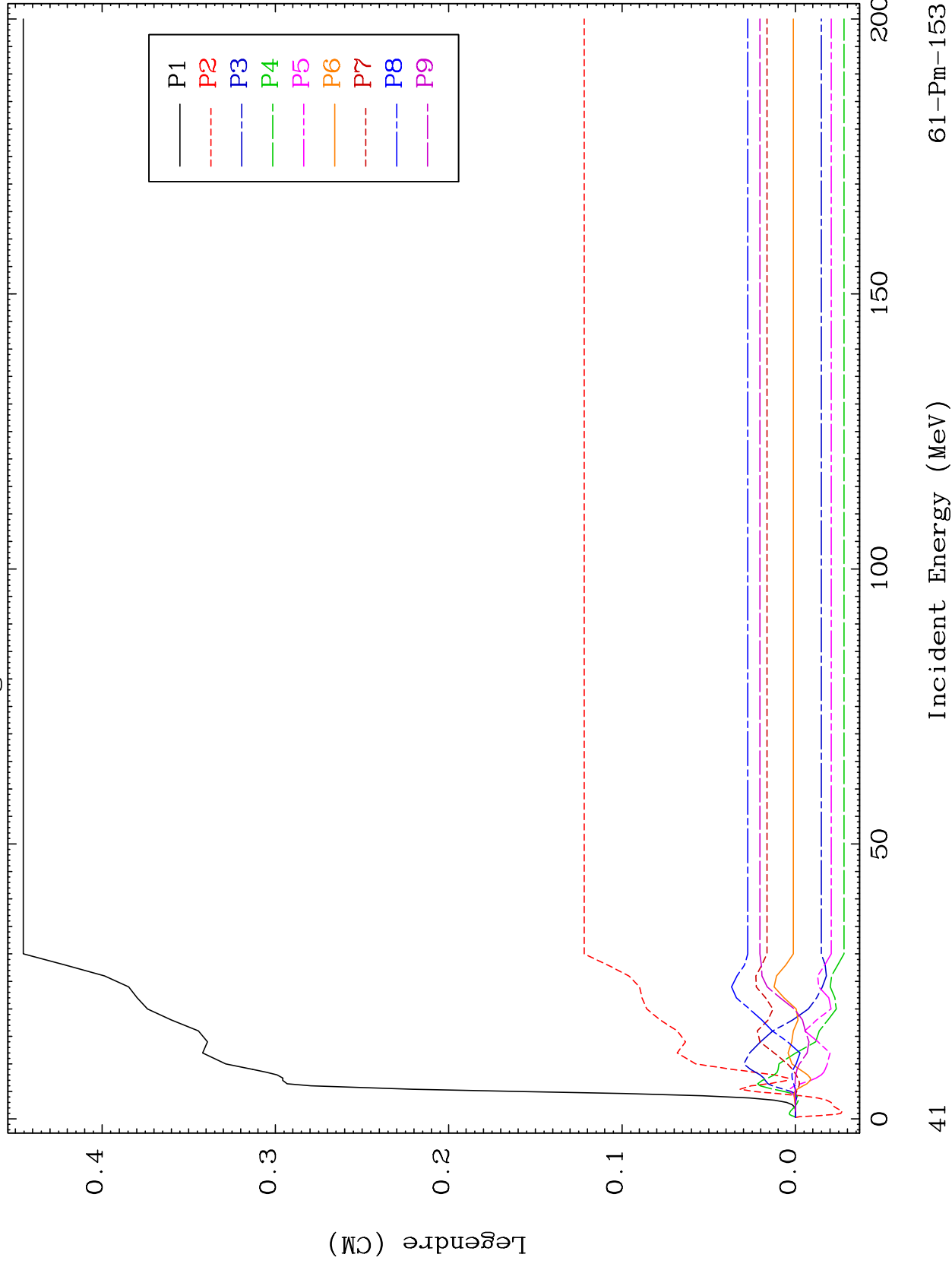


61-Pm-153

MAT 6167

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

61-Pm-153



41

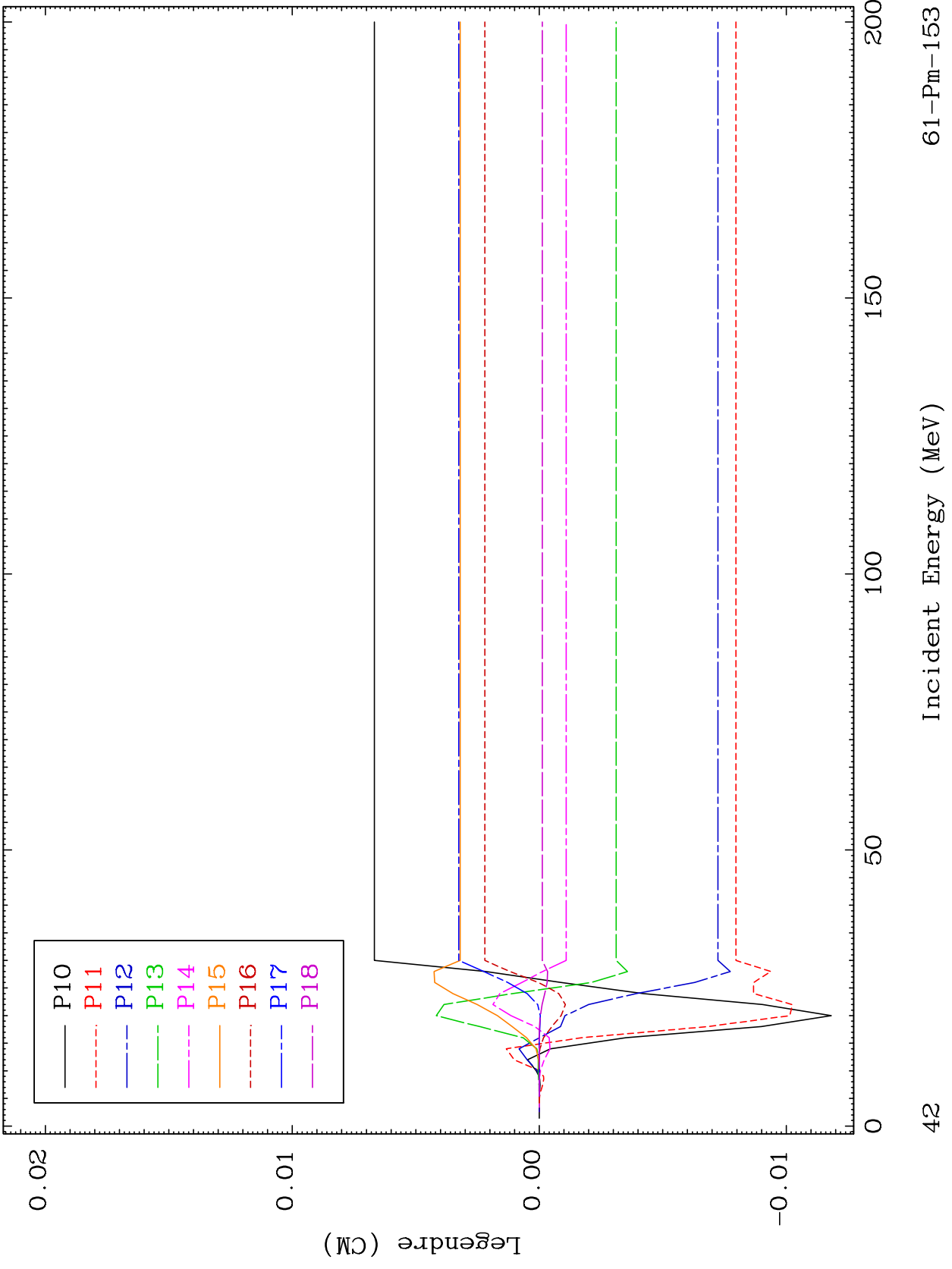
Incident Energy (MeV)

61-Pm-153

MAT 61677

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

61-Pm-153



61-Pm-153

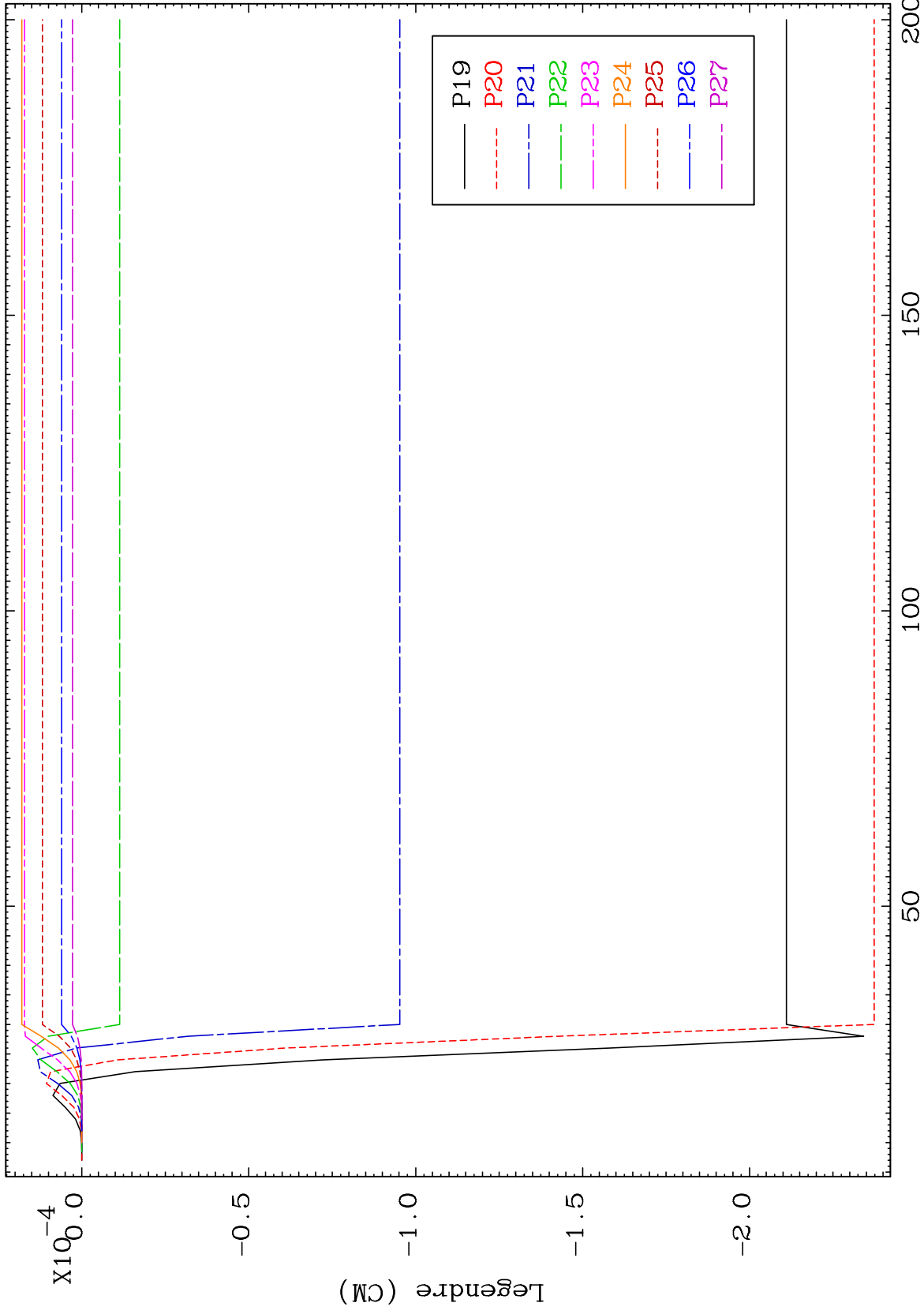
Incident Energy (MeV)

42

MAT 6167

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

61-Pm-153



43

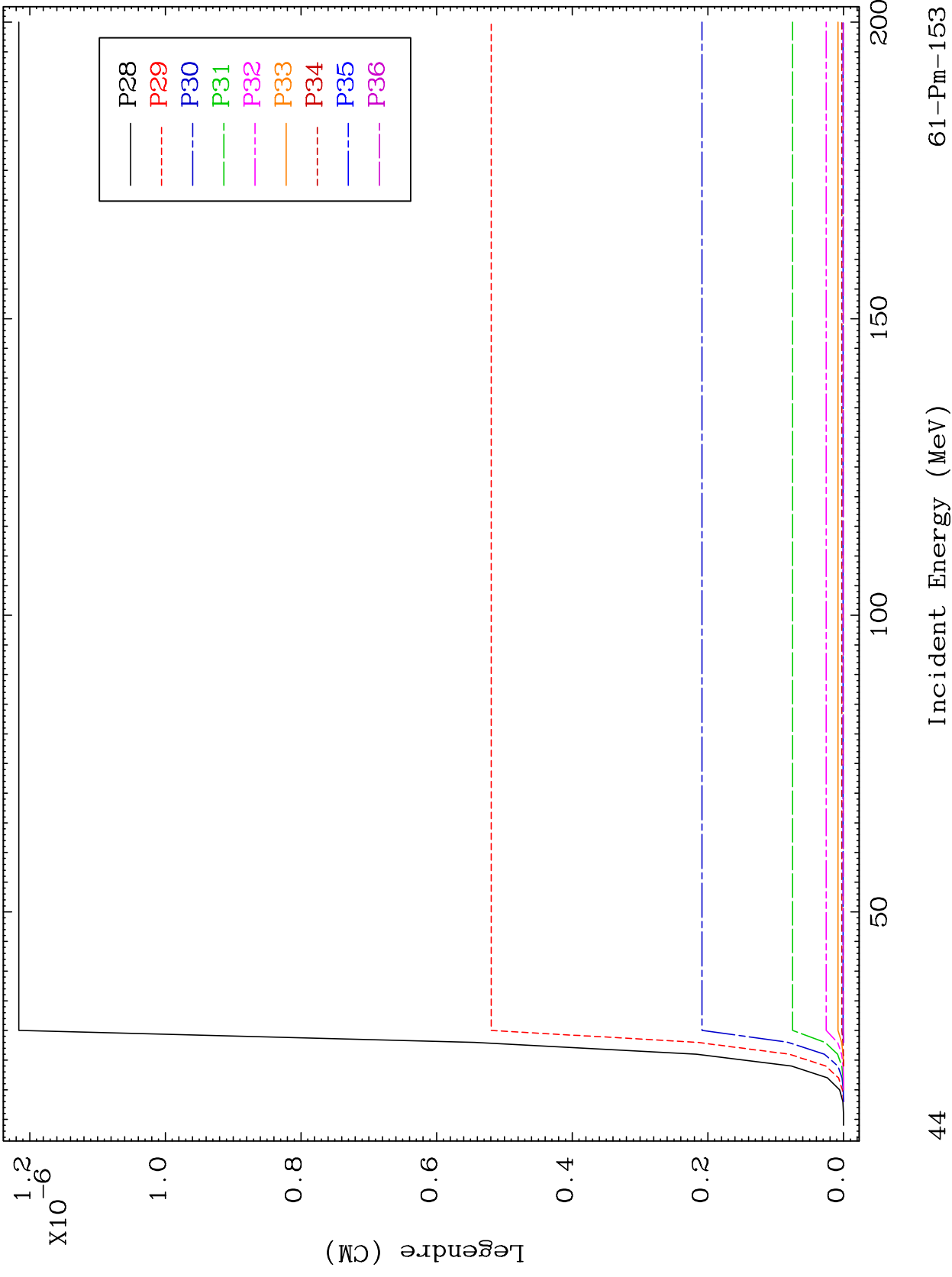
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



44

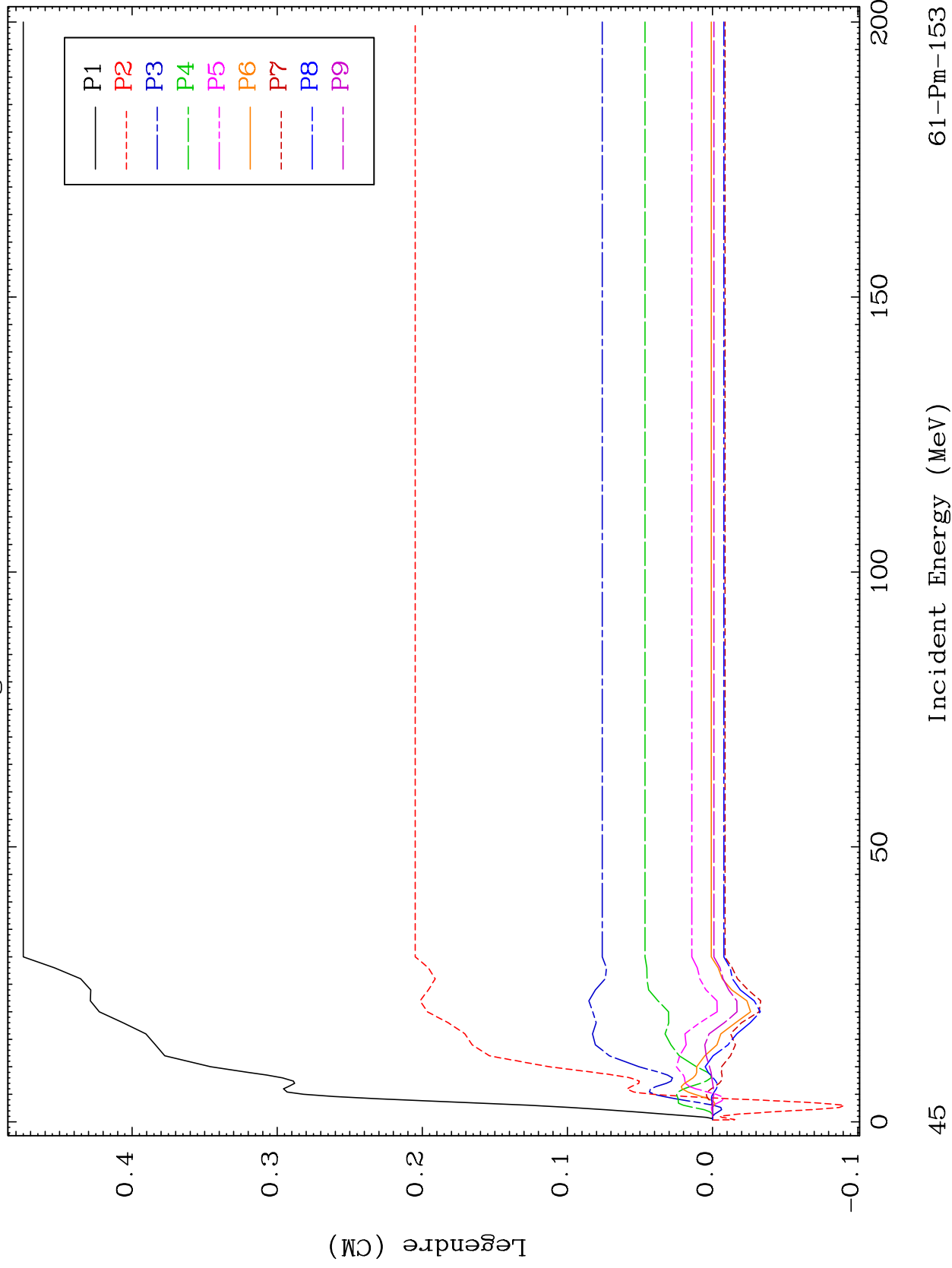
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



61-Pm-153

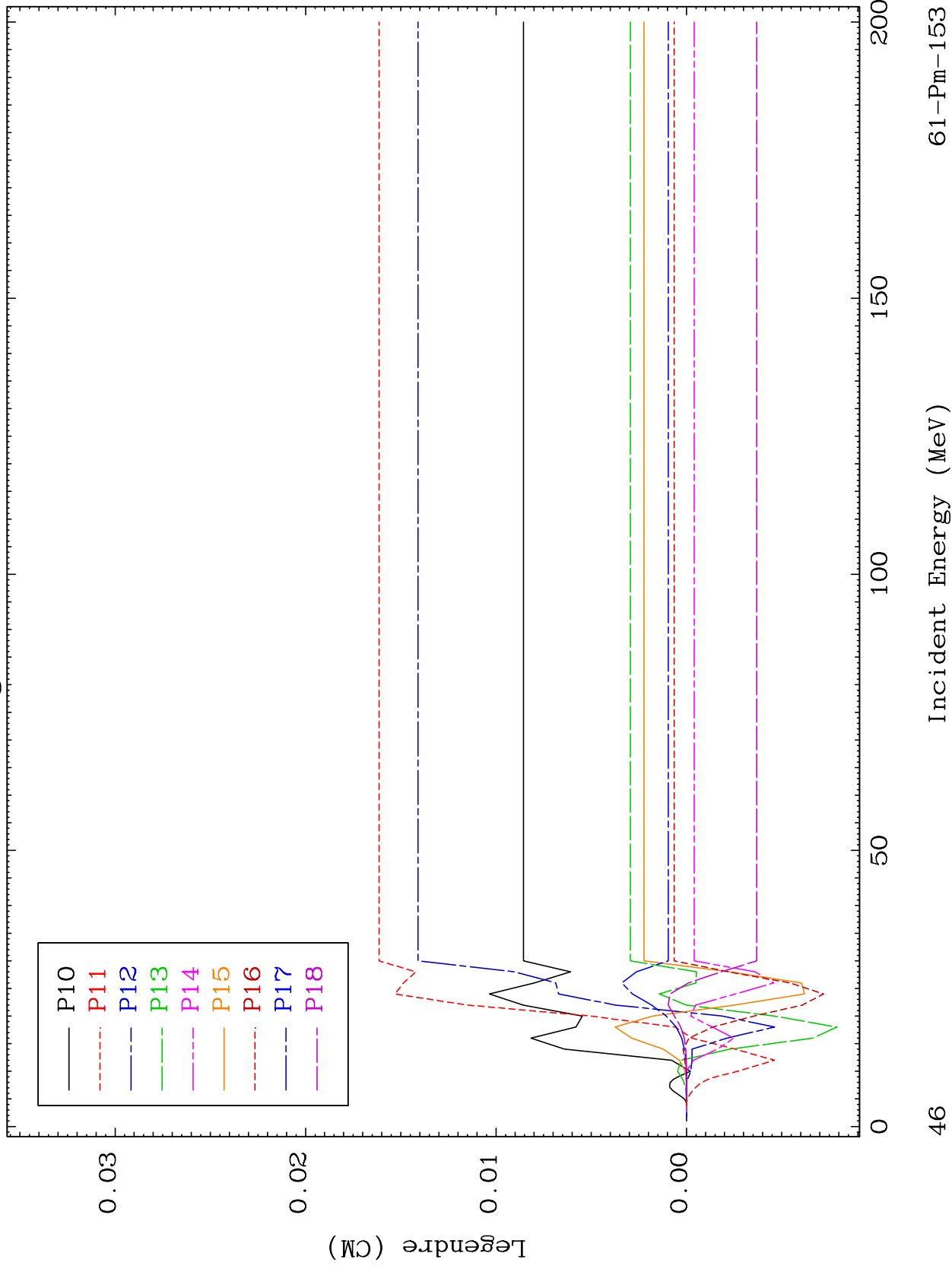
Incident Energy (MeV)

45

MAT 61677

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

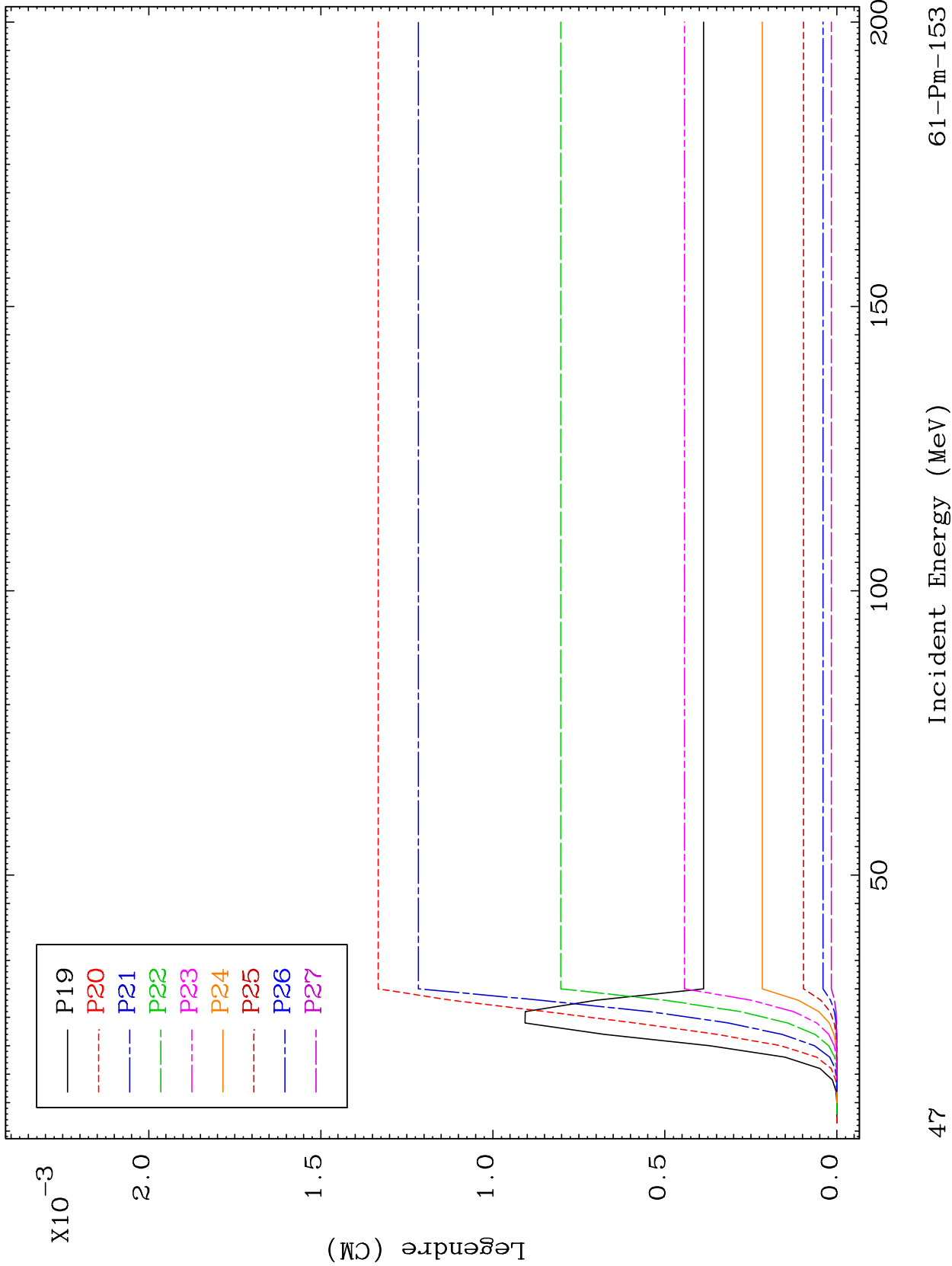
61-Pm-153



61-Pm-153

Incident Energy (MeV)

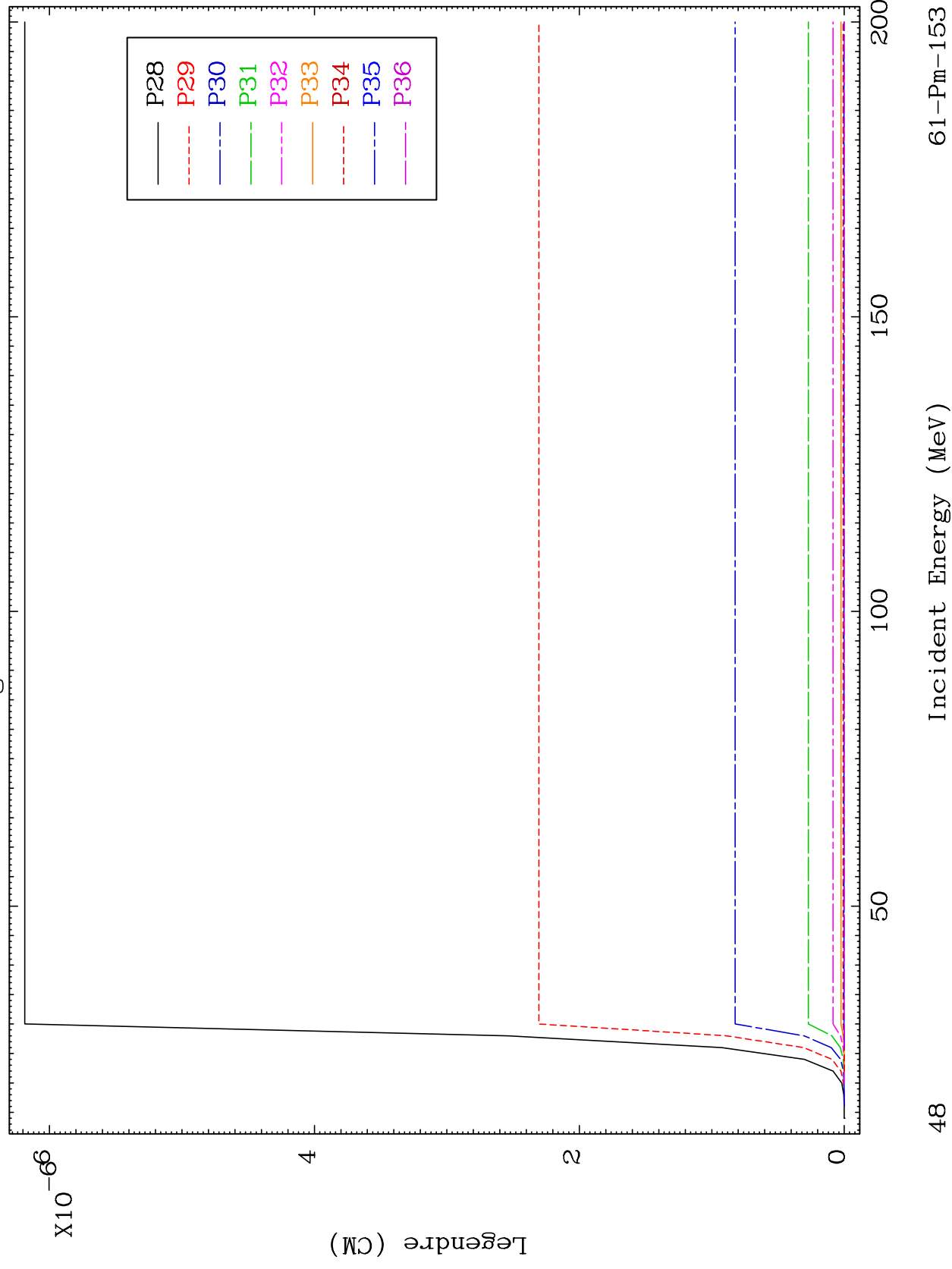
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MAT 6167

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

61-Pm-153



48

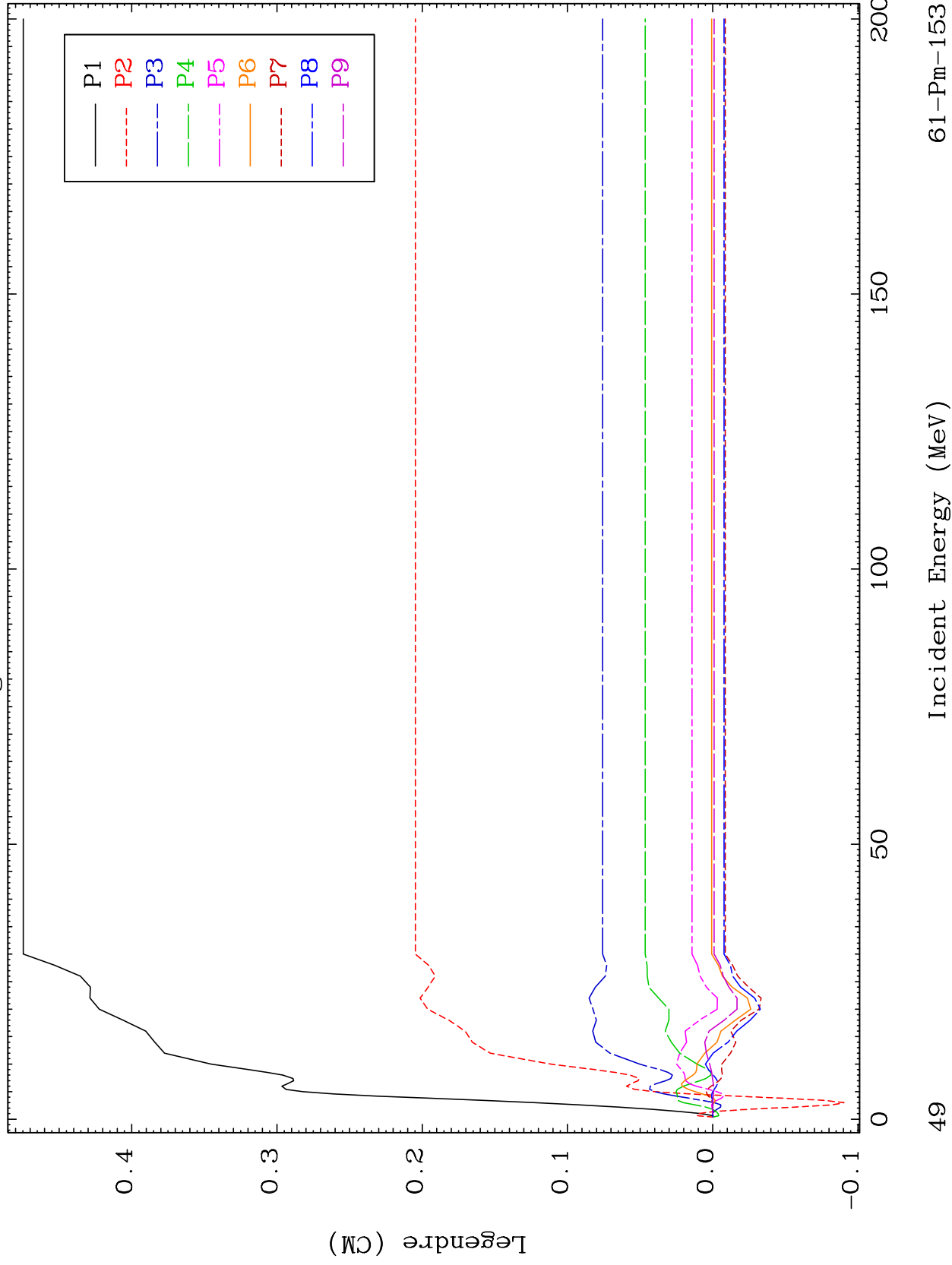
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



61-Pm-153

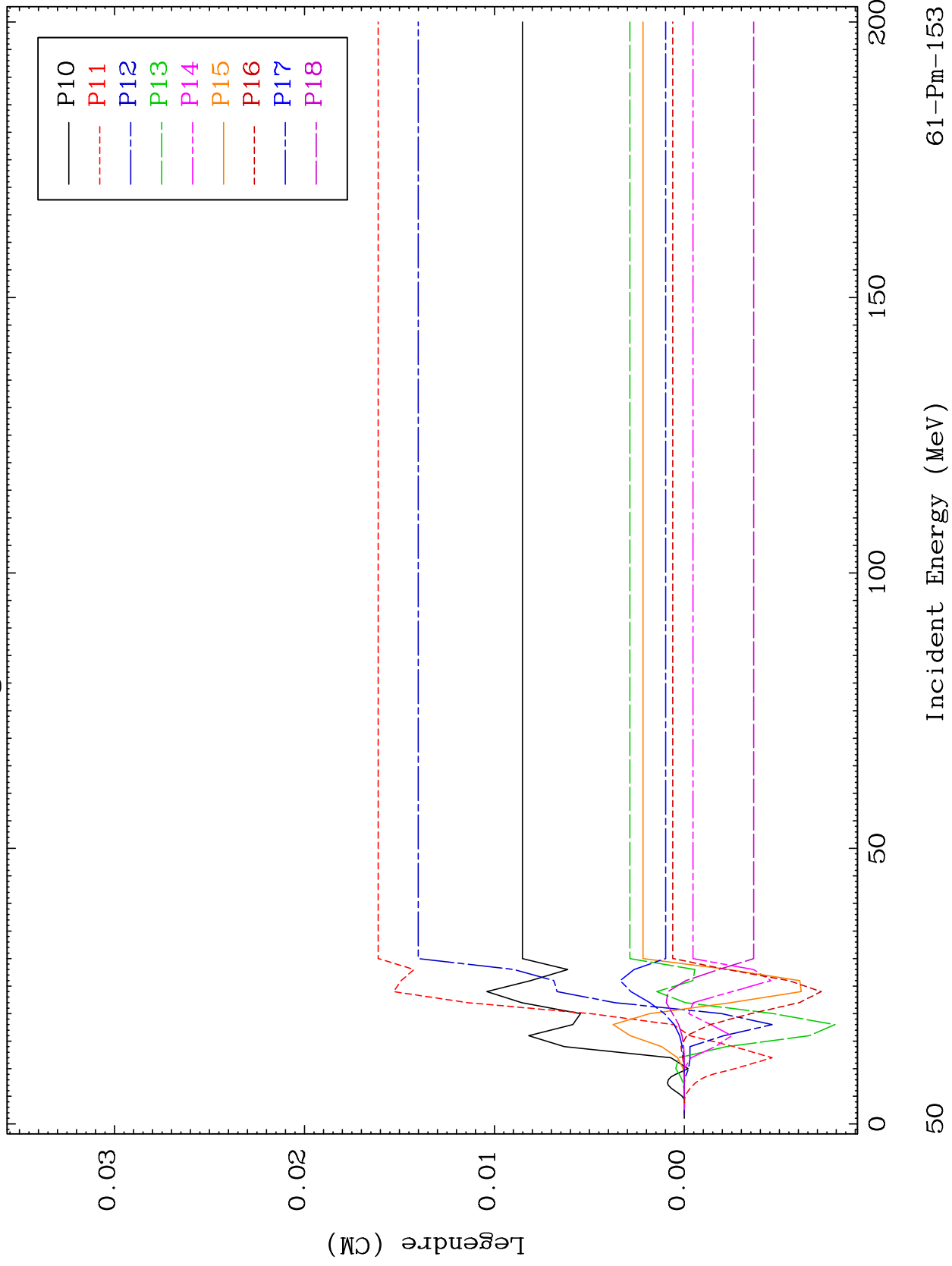
Incident Energy (MeV)

49

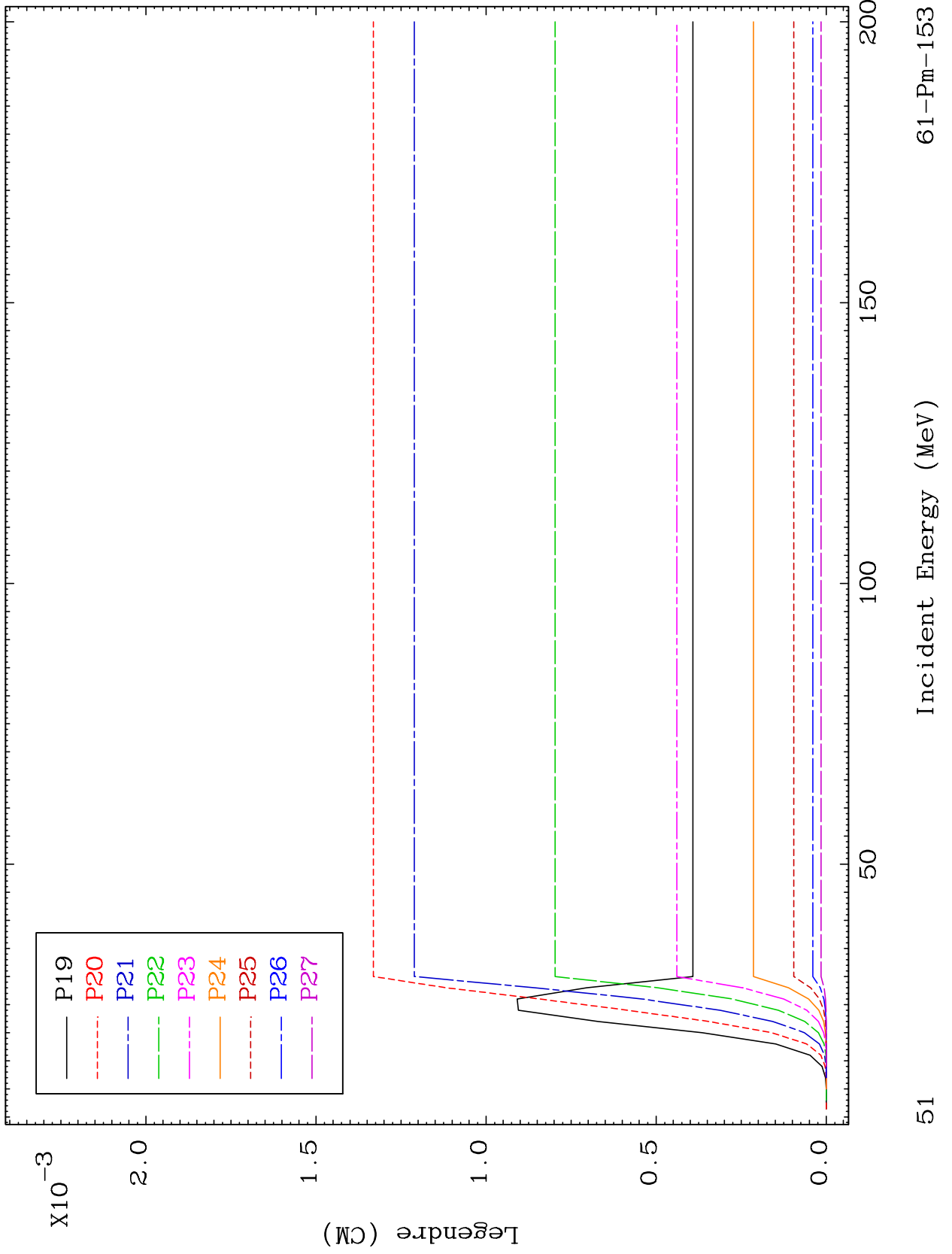
MAT 6167

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

61-Pm-153



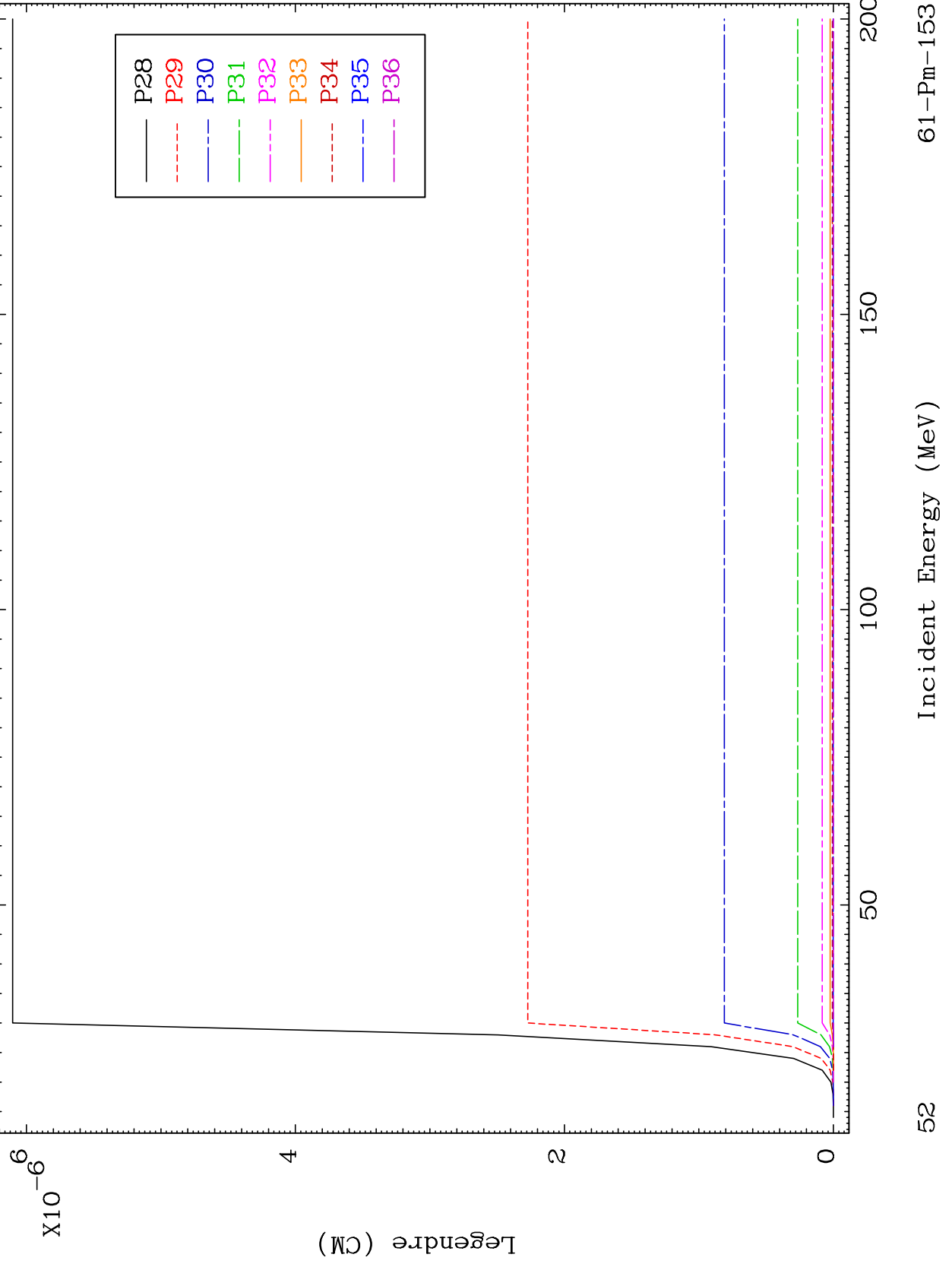
61-Pm-153



MAT 6167

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

61-Pm-153



52

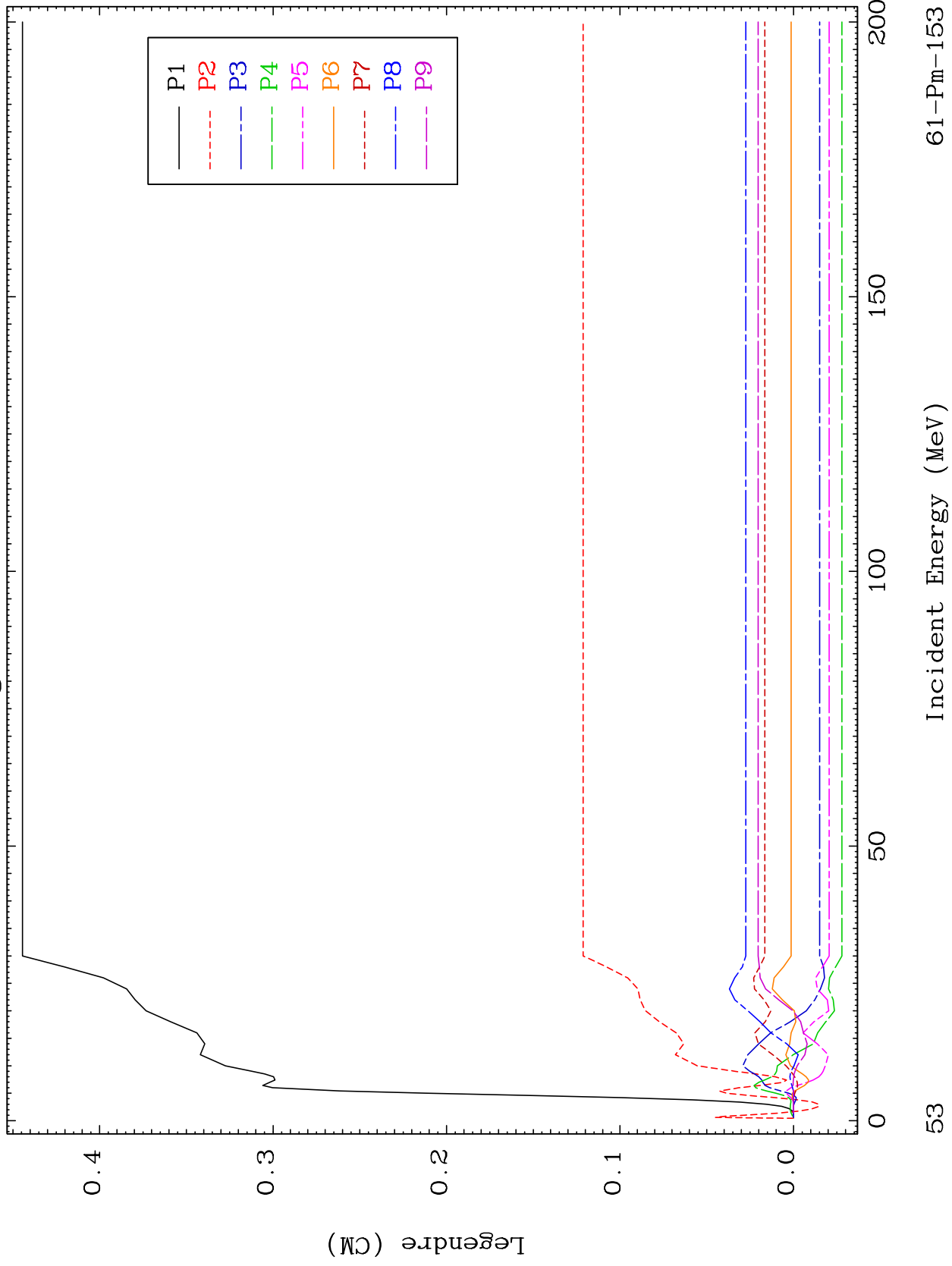
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



61-Pm-153

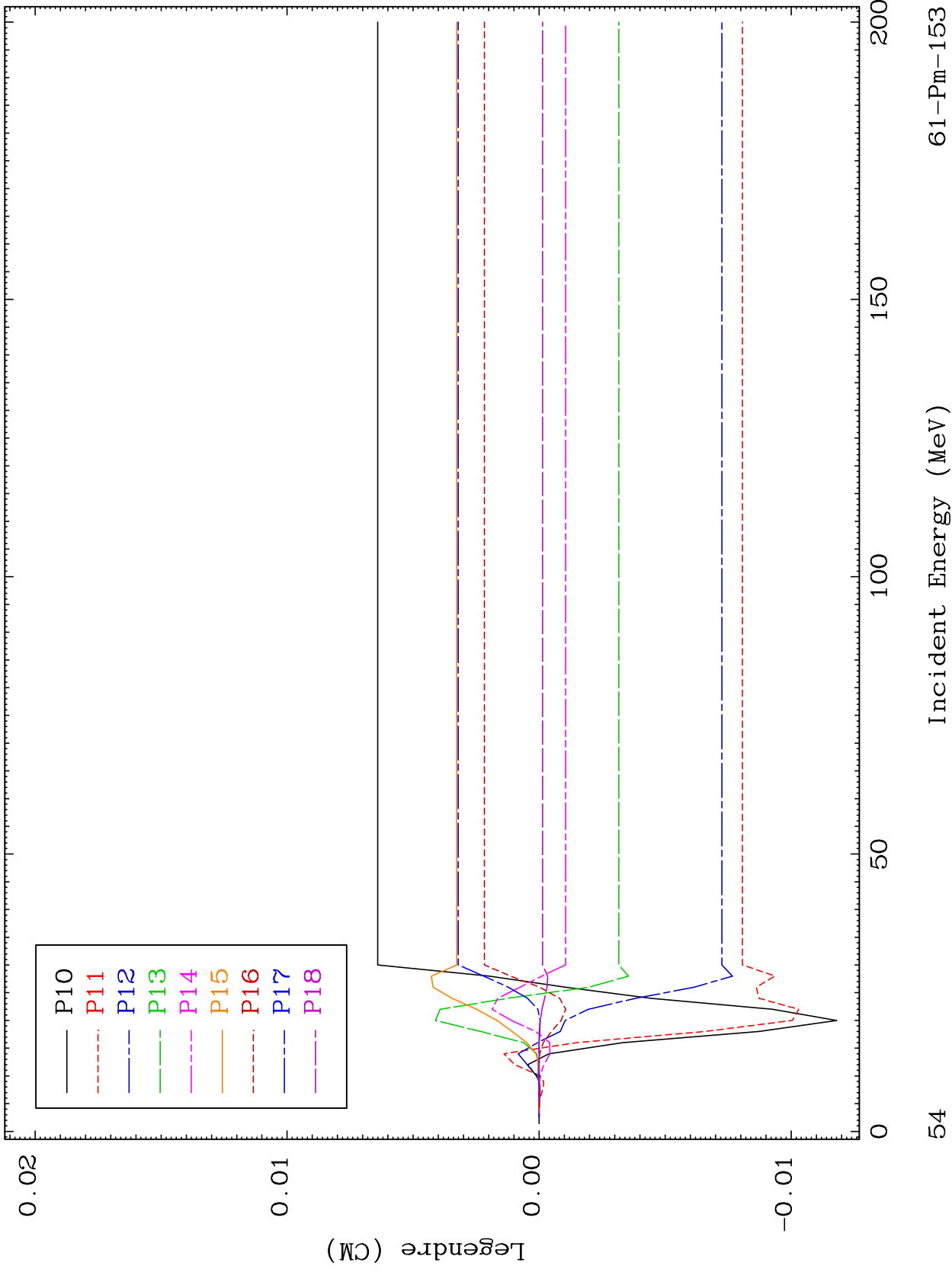
Incident Energy (MeV)

53

MAT 61677

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

61-Pm-153



54

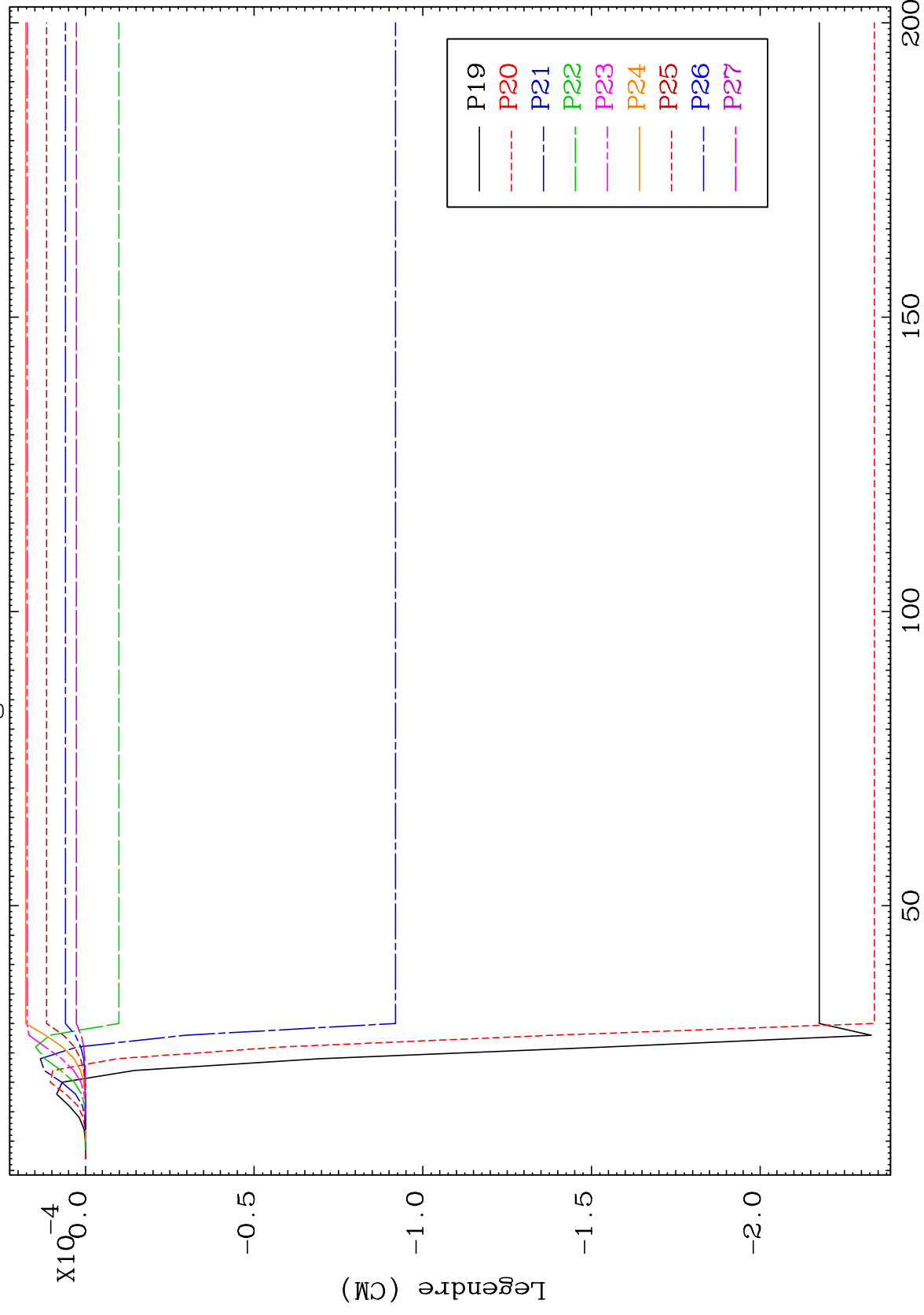
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



55

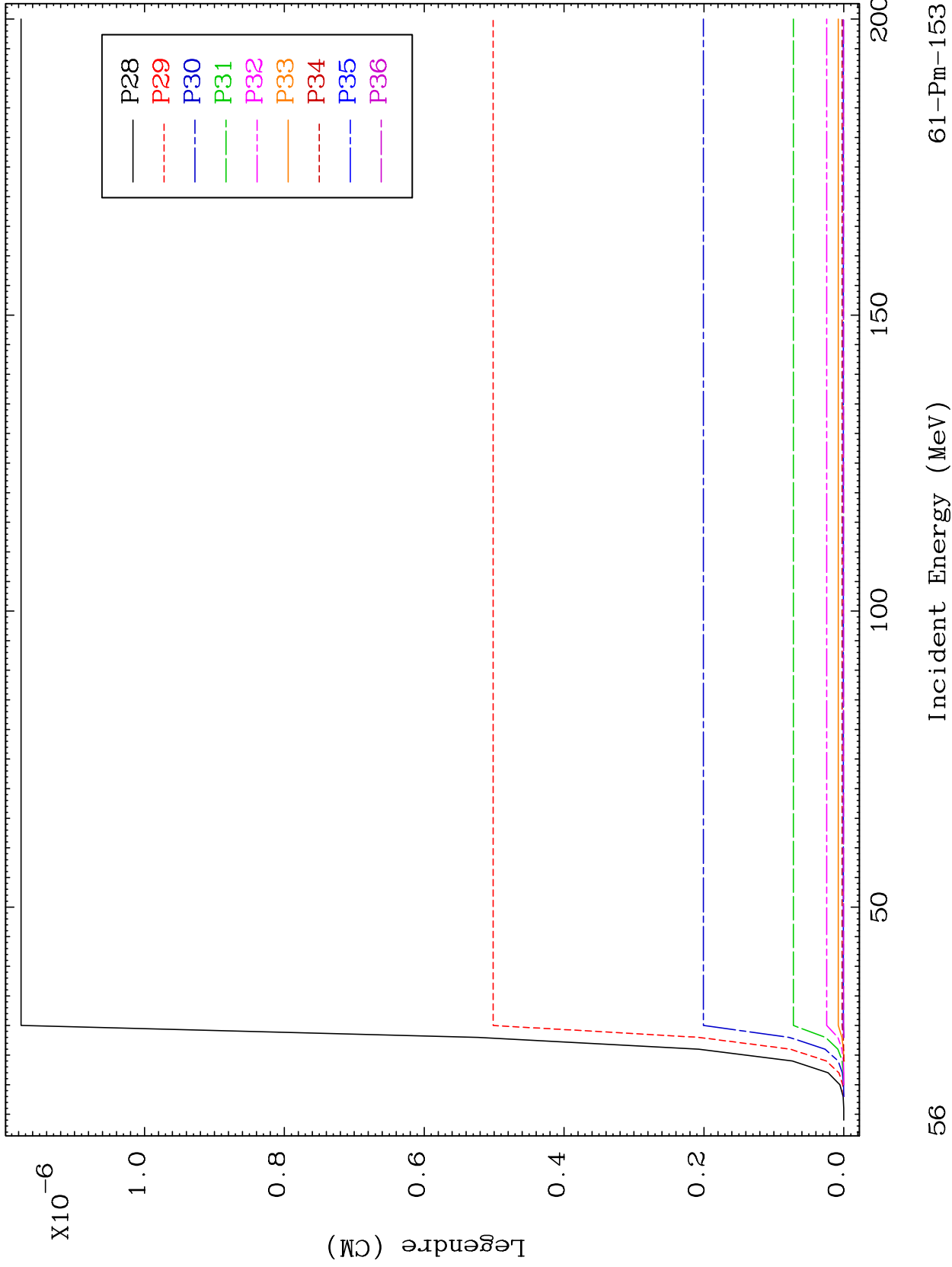
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



56

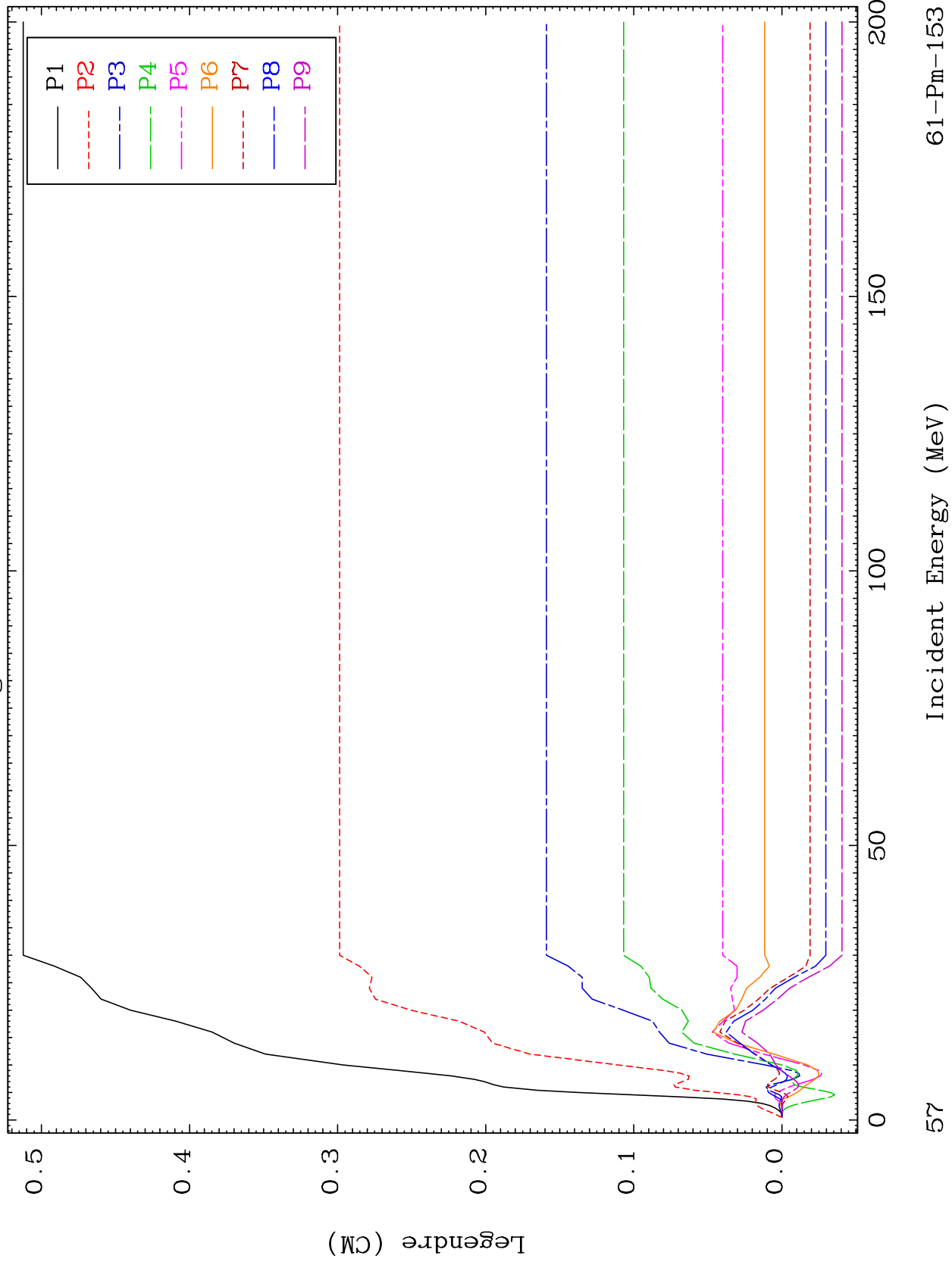
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



61-Pm-153

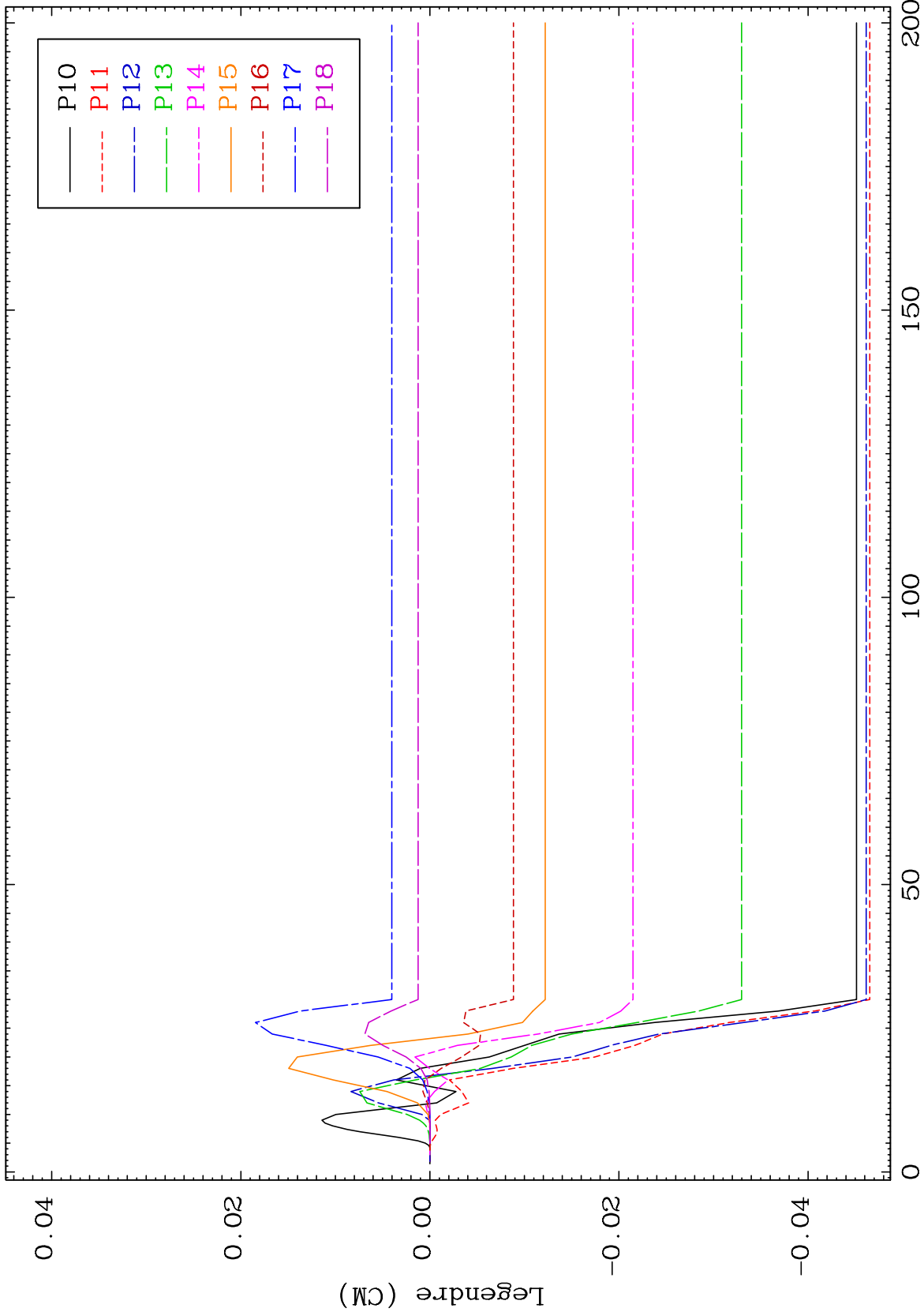
Incident Energy (MeV)

57

MAT 6167

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

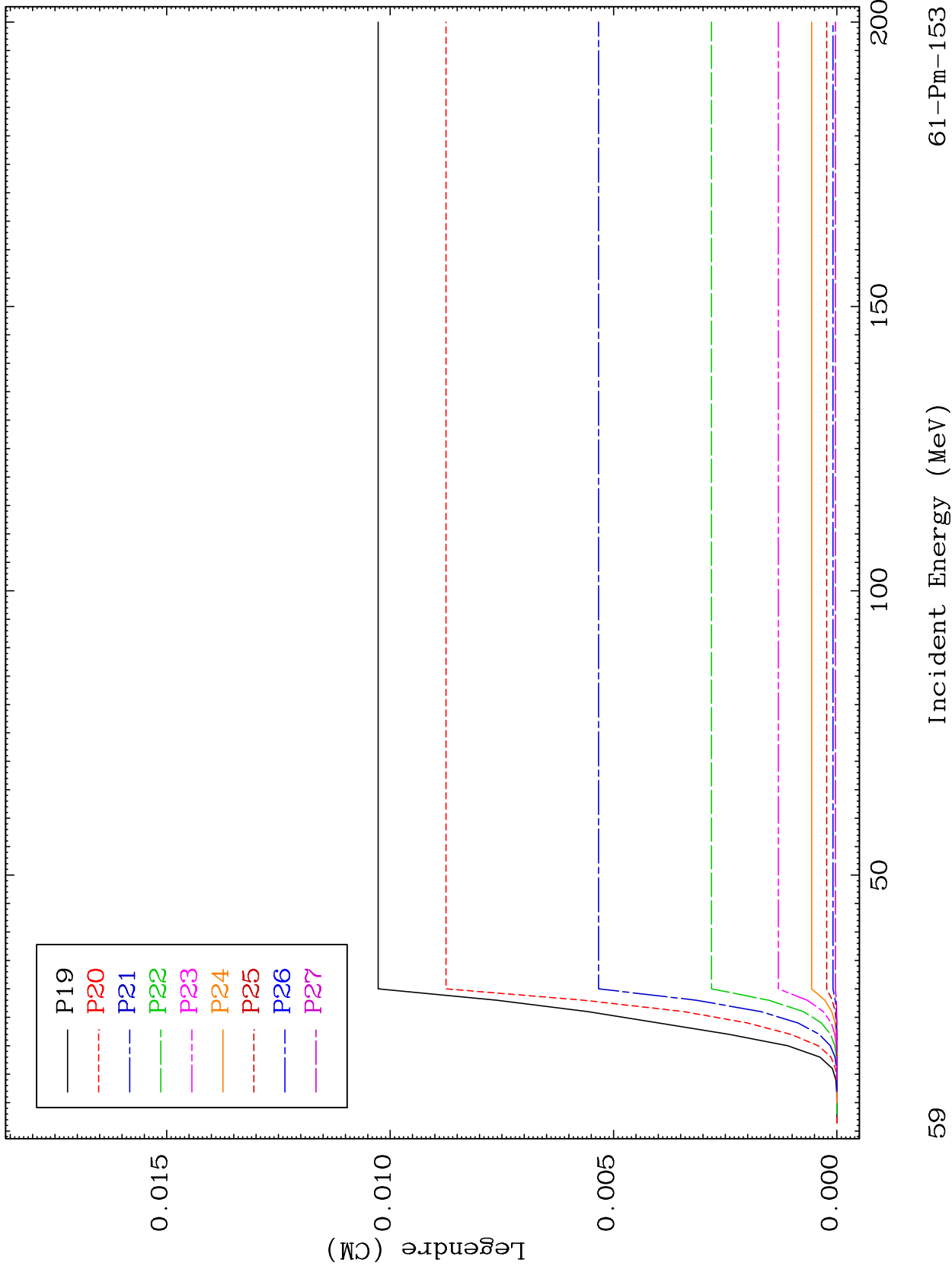
61-Pm-153



58

Incident Energy (MeV)

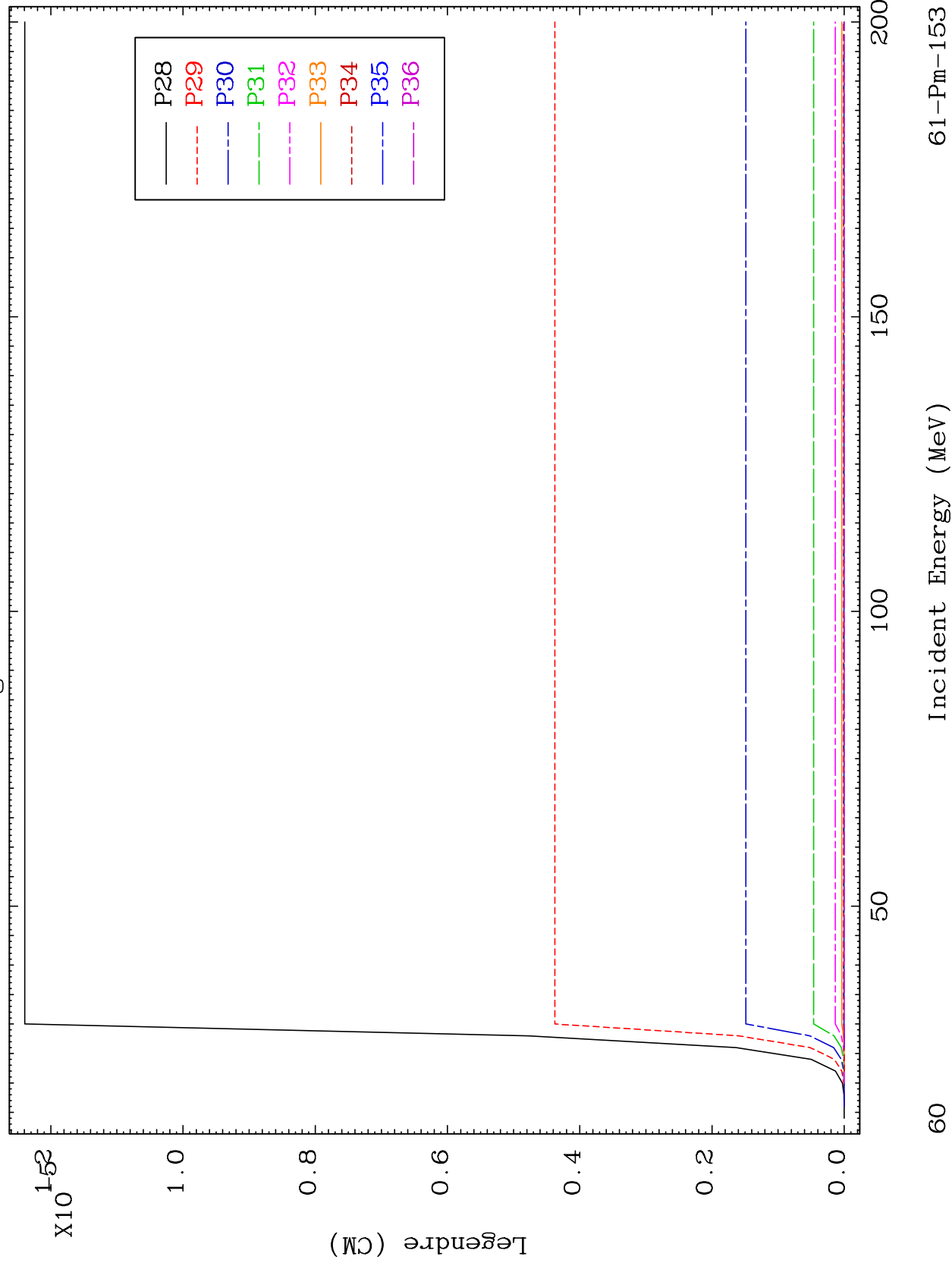
61-Pm-153



MAT 6167

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

61-Pm-153



61-Pm-153

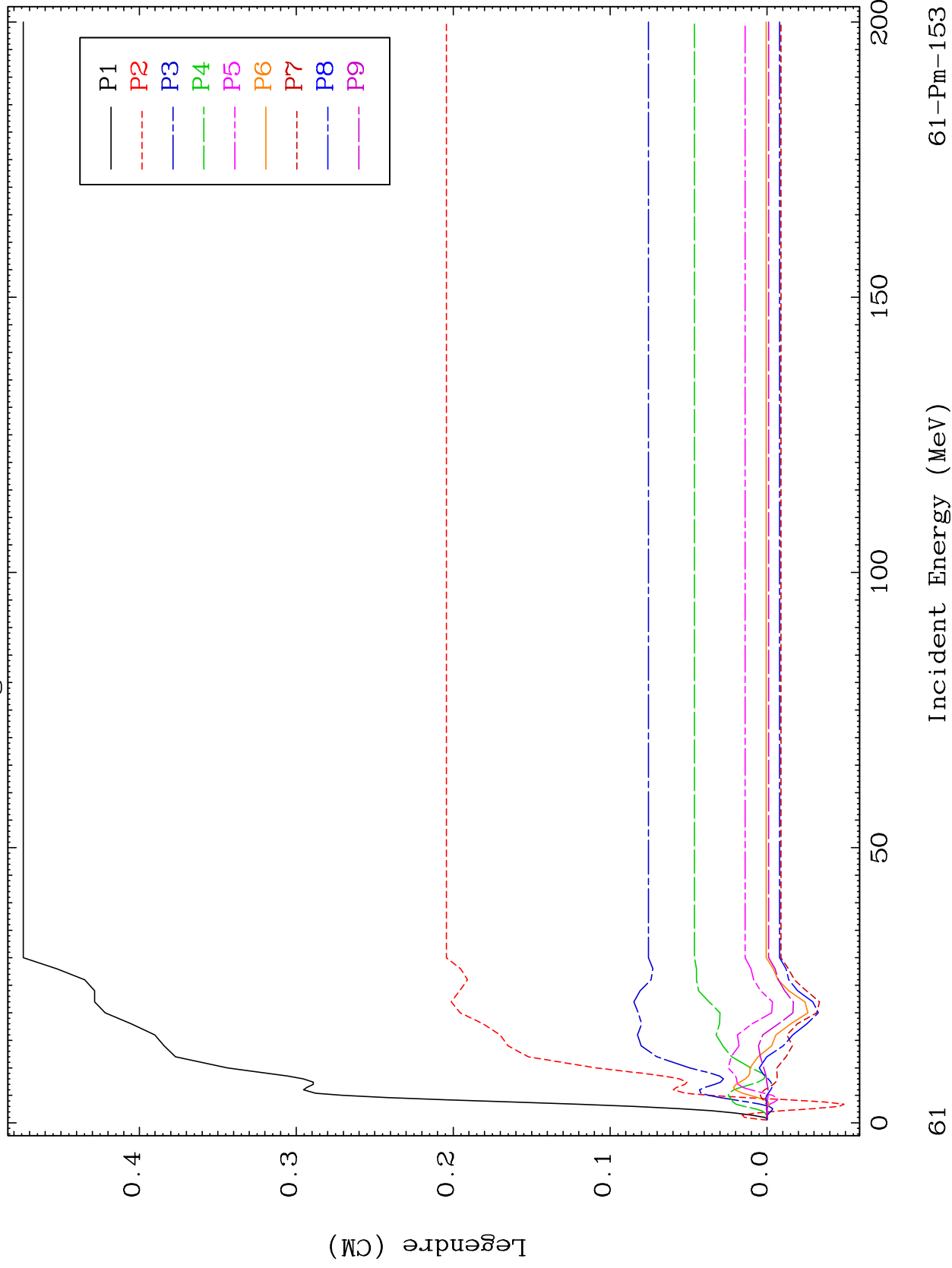
Incident Energy (MeV)

60

MAT 6167

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

61-Pm-153



61

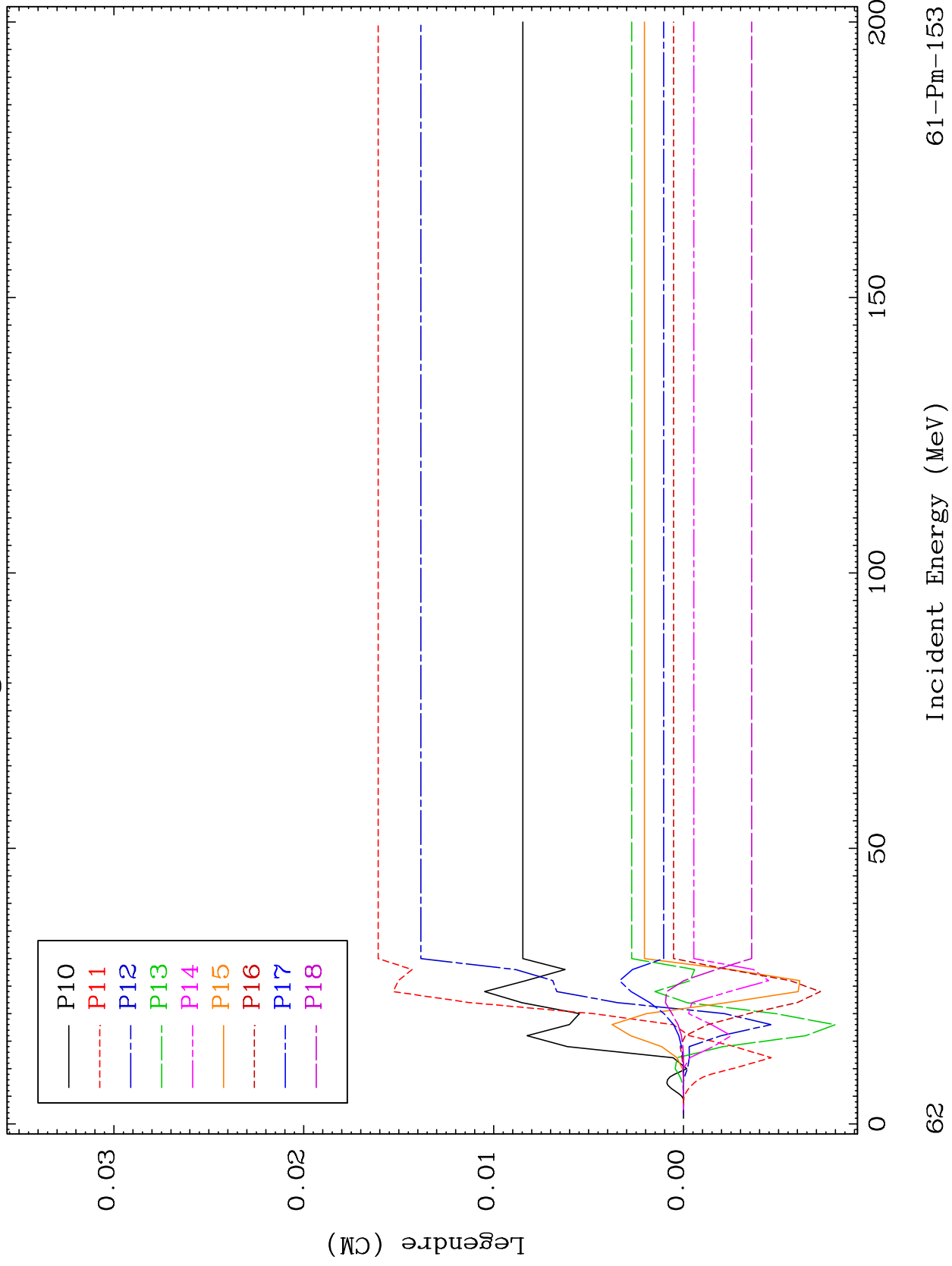
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

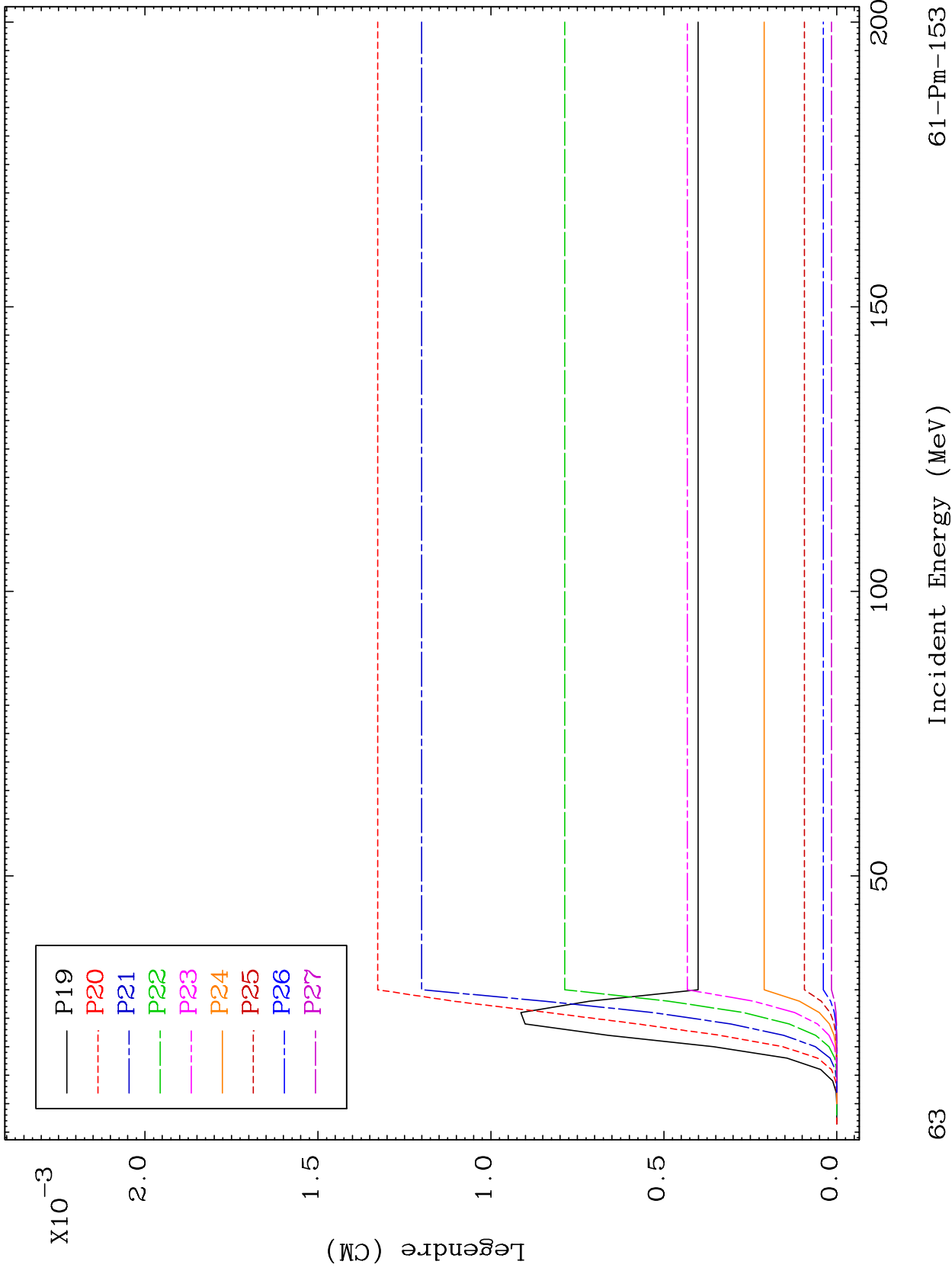
61-Pm-153



61-Pm-153

Incident Energy (MeV)

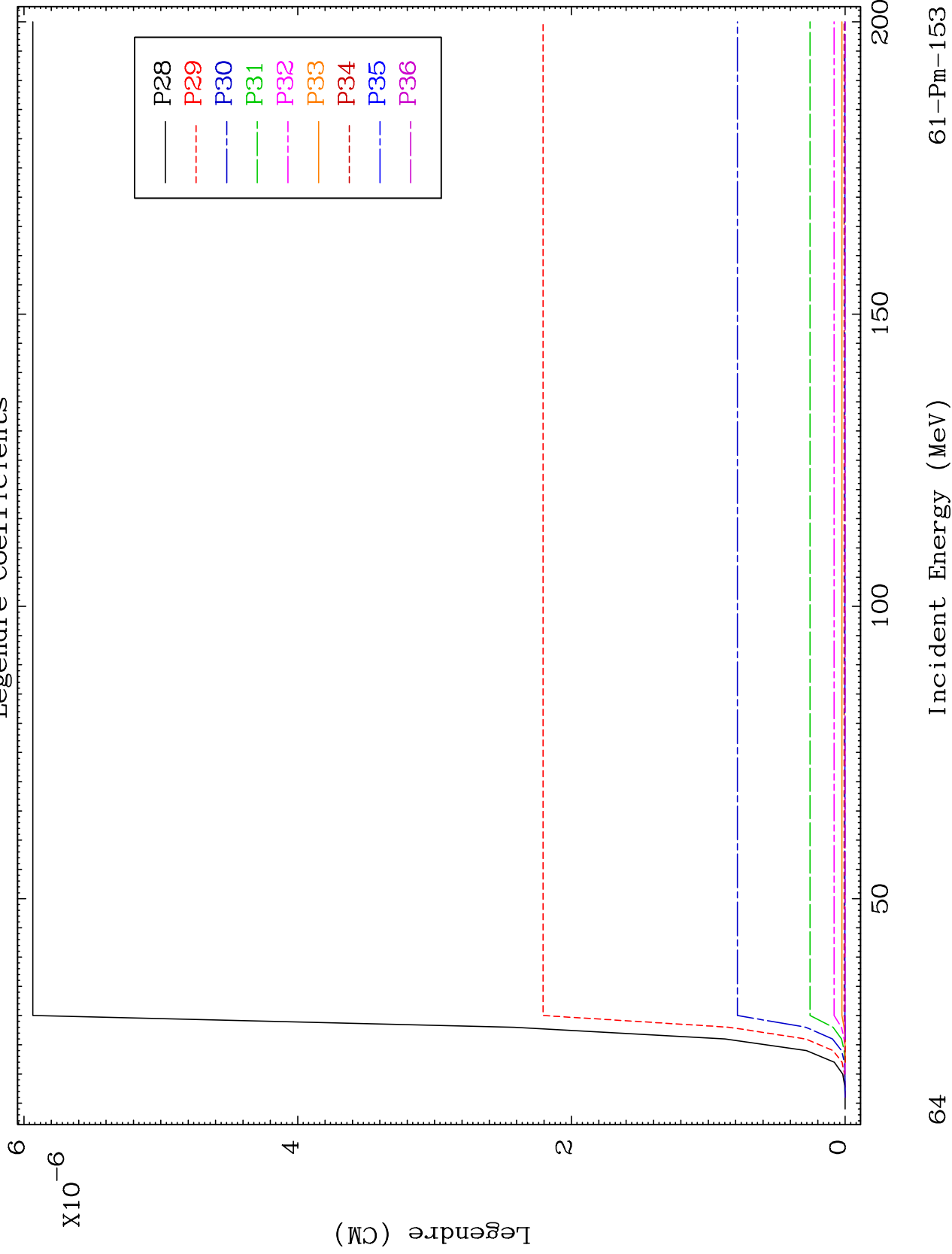
62



MAT 6167

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

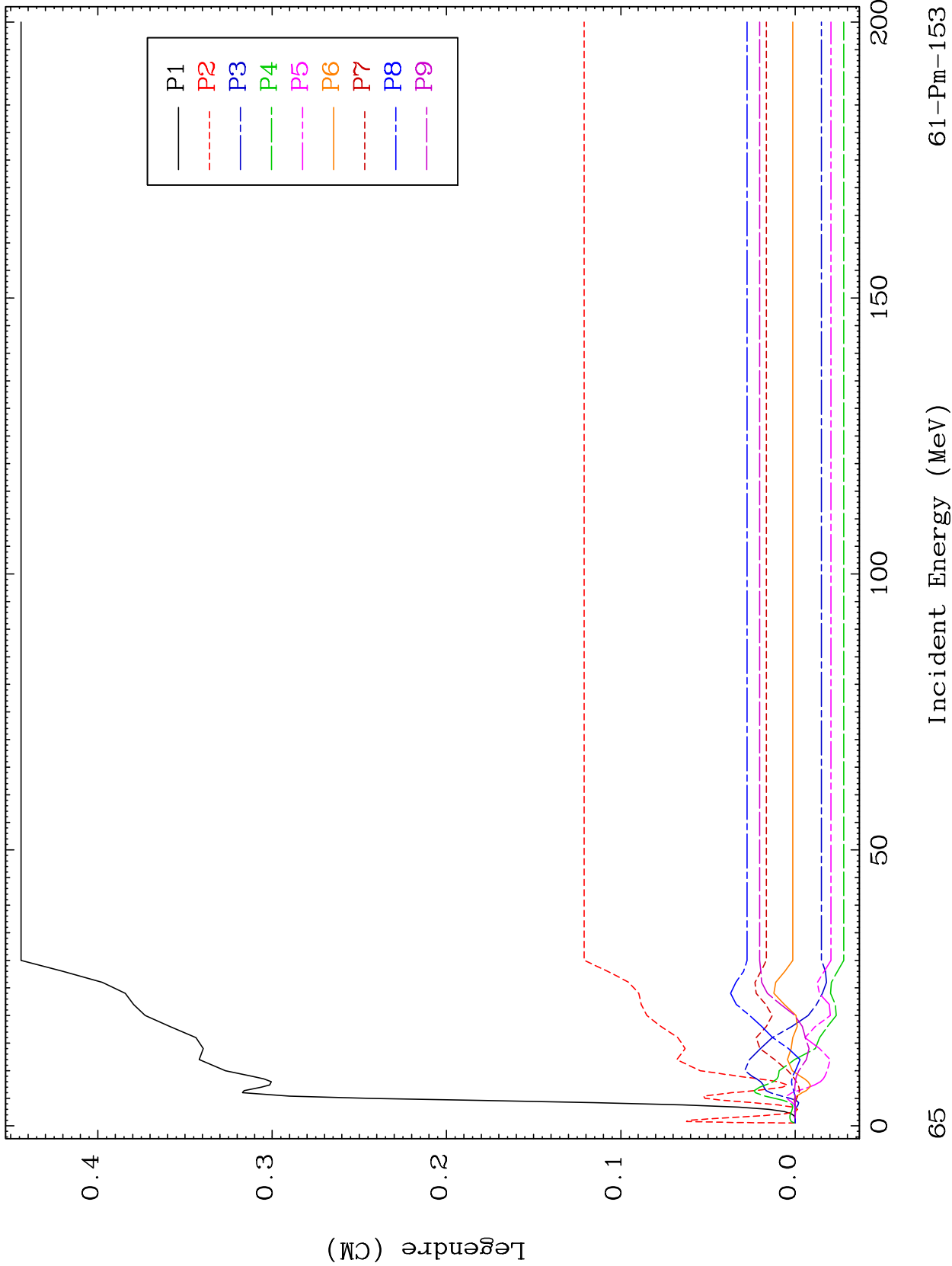
61-Pm-153



MAT 6167

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

61-Pm-153



61-Pm-153

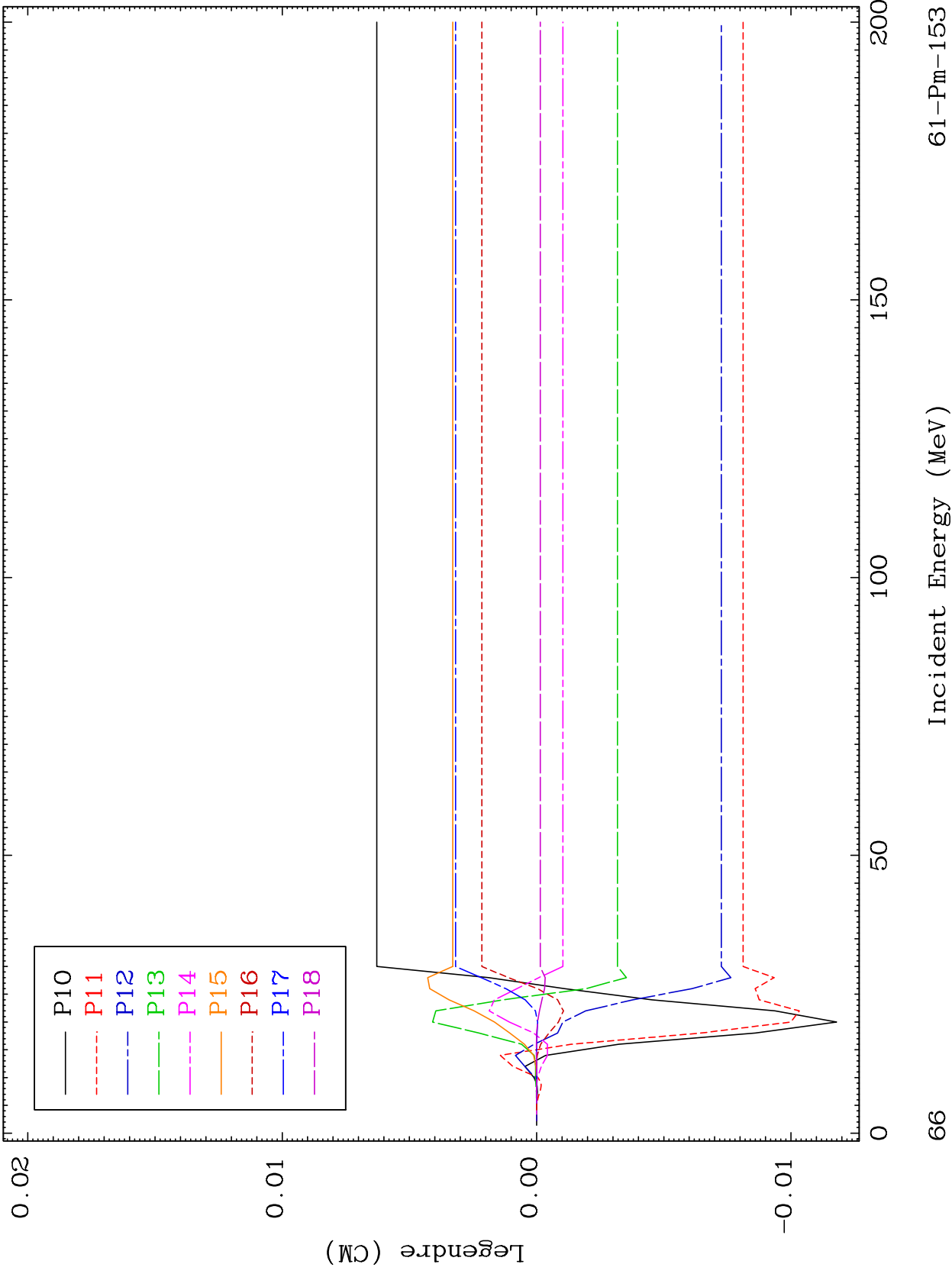
Incident Energy (MeV)

65

MAT 6167

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

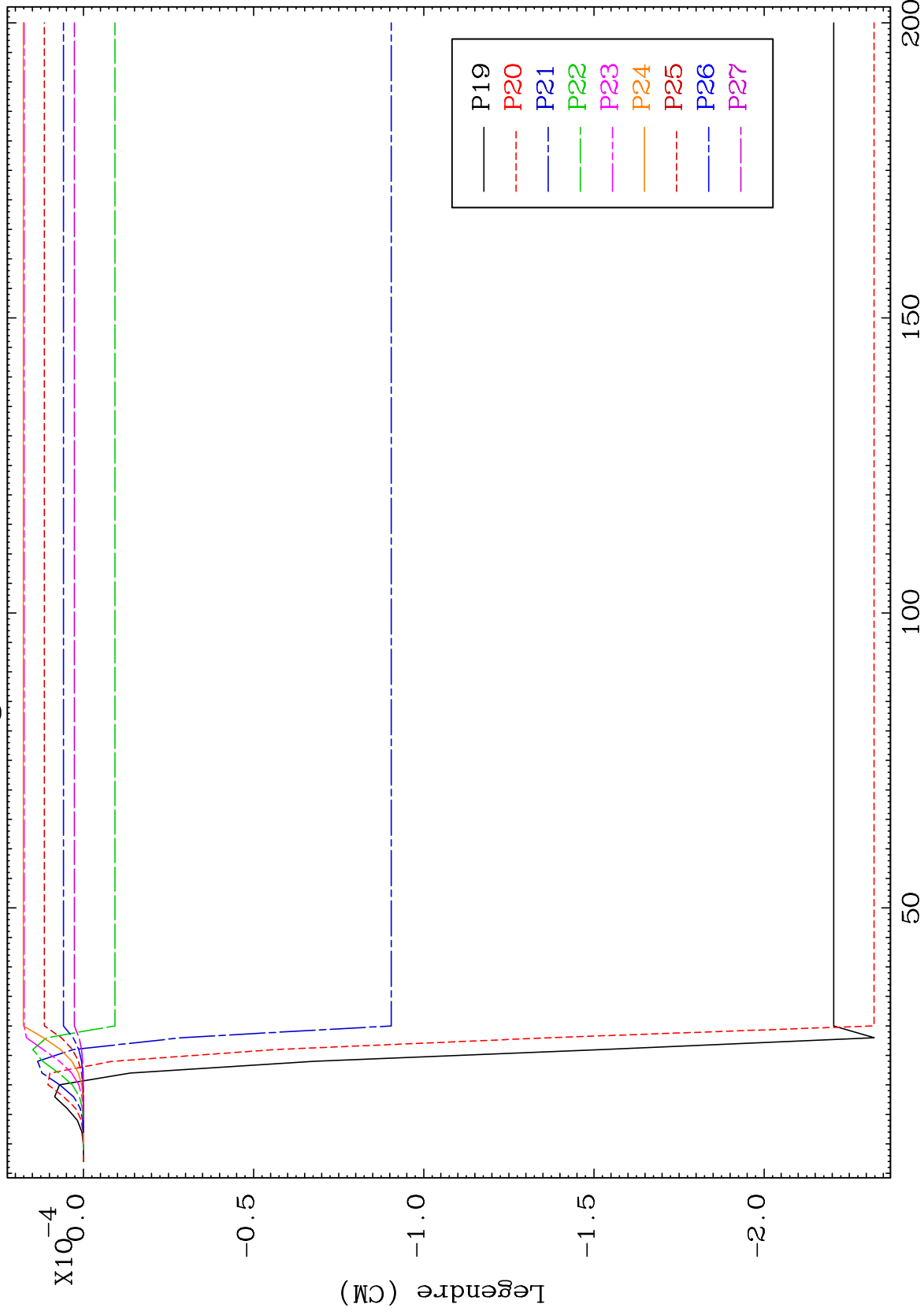
61-Pm-153



MAT 6167

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

61-Pm-153



67

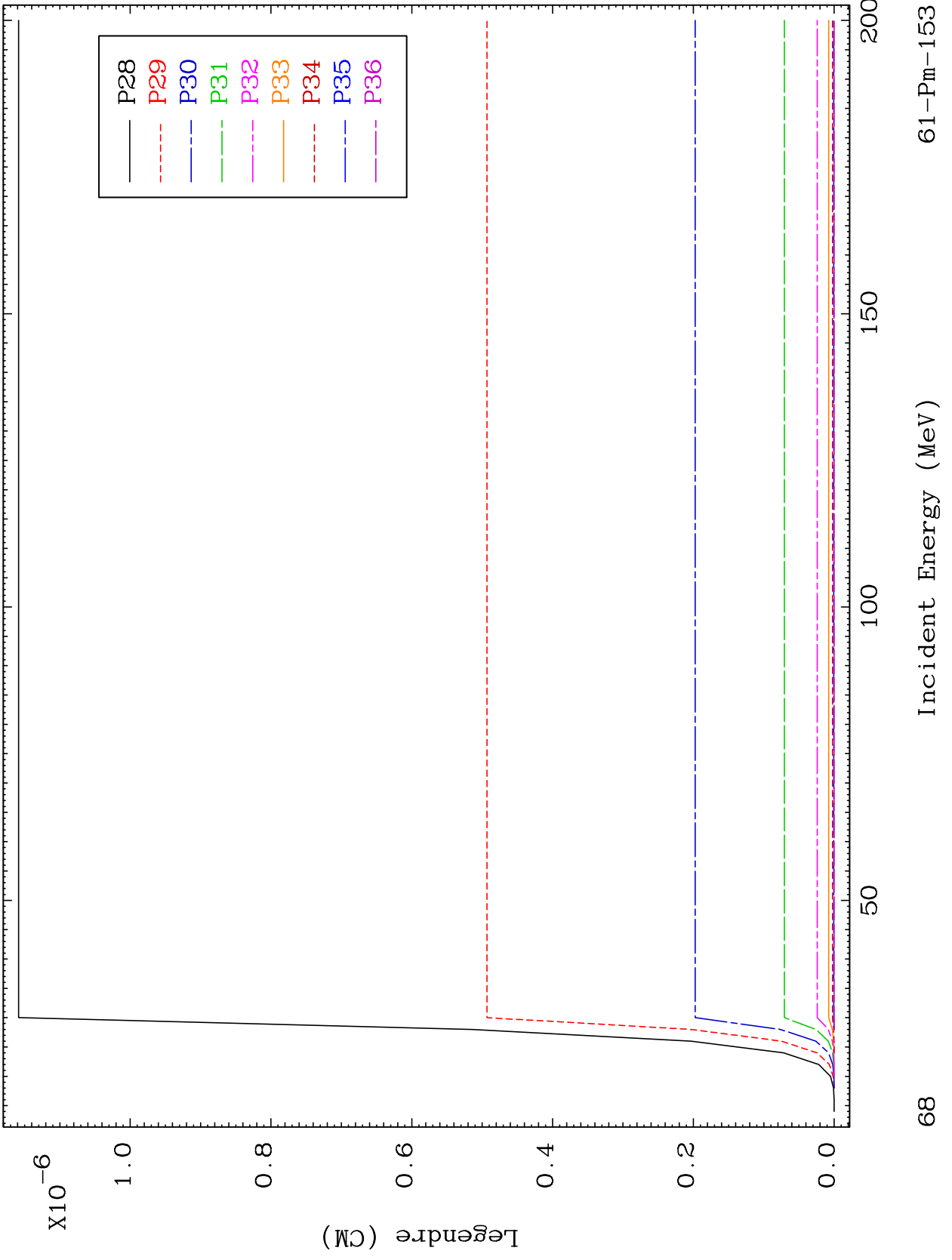
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



68

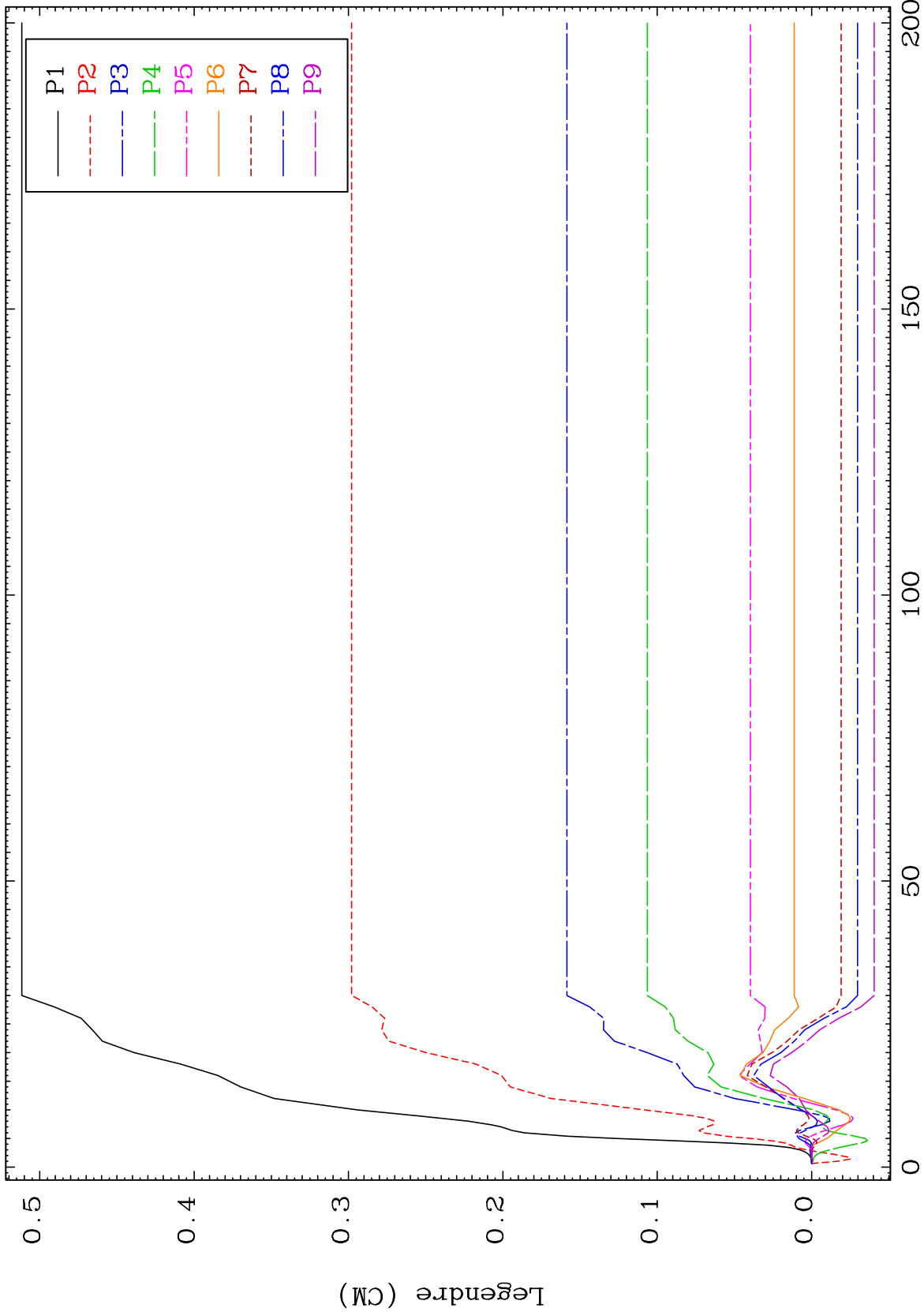
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



69

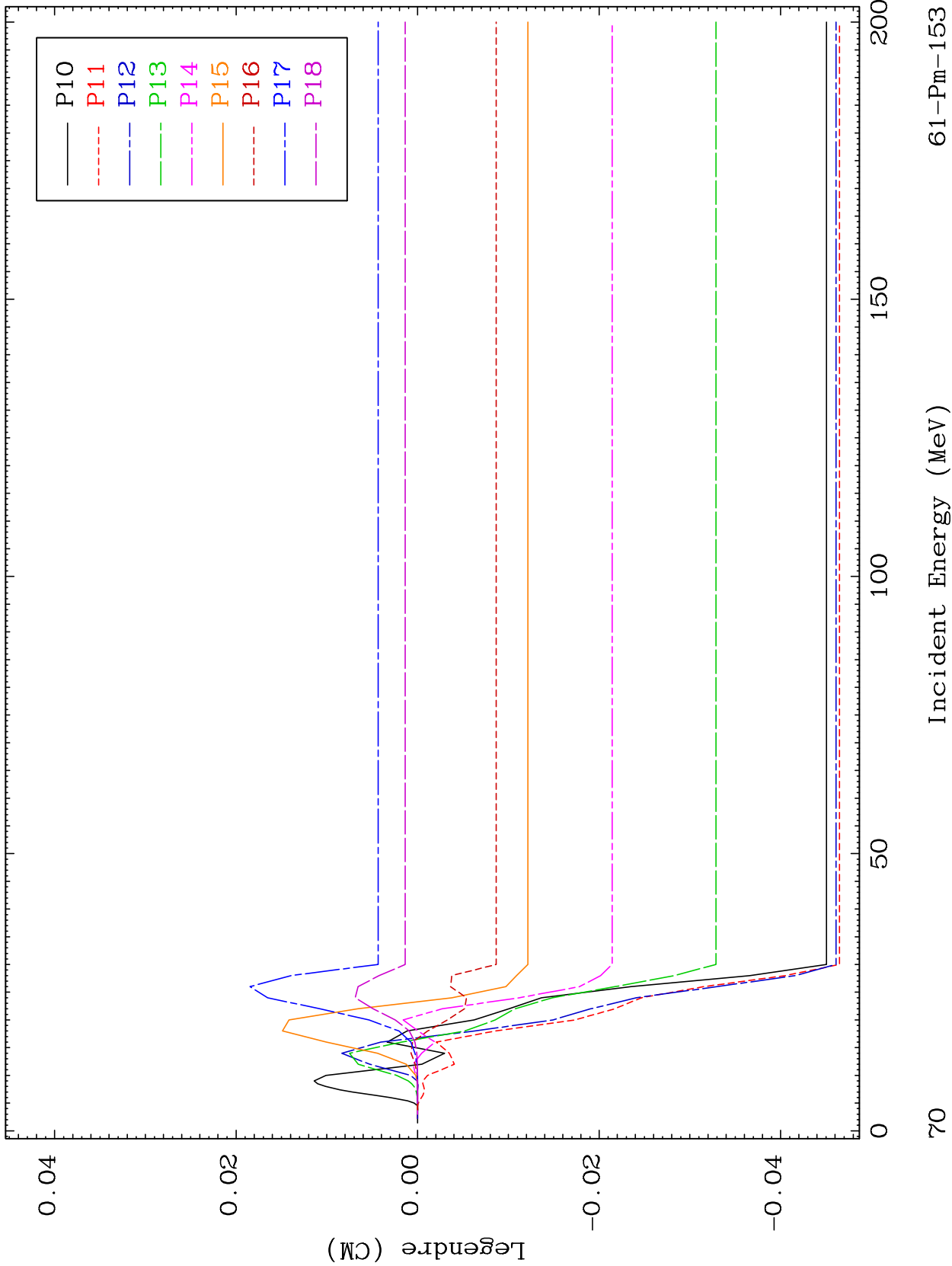
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



61-Pm-153

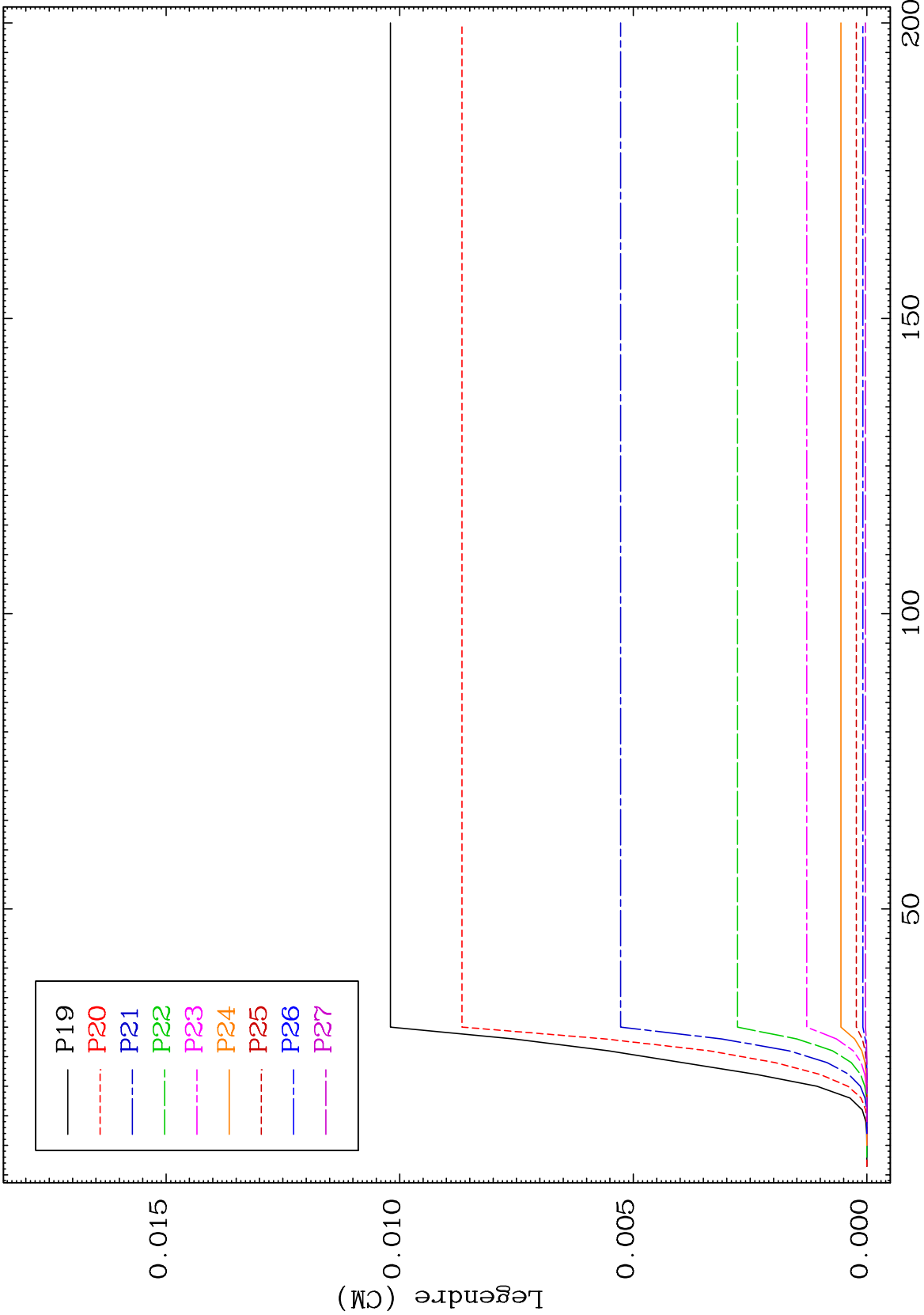
Incident Energy (MeV)

70

MAT 6167

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

61-Pm-153



71

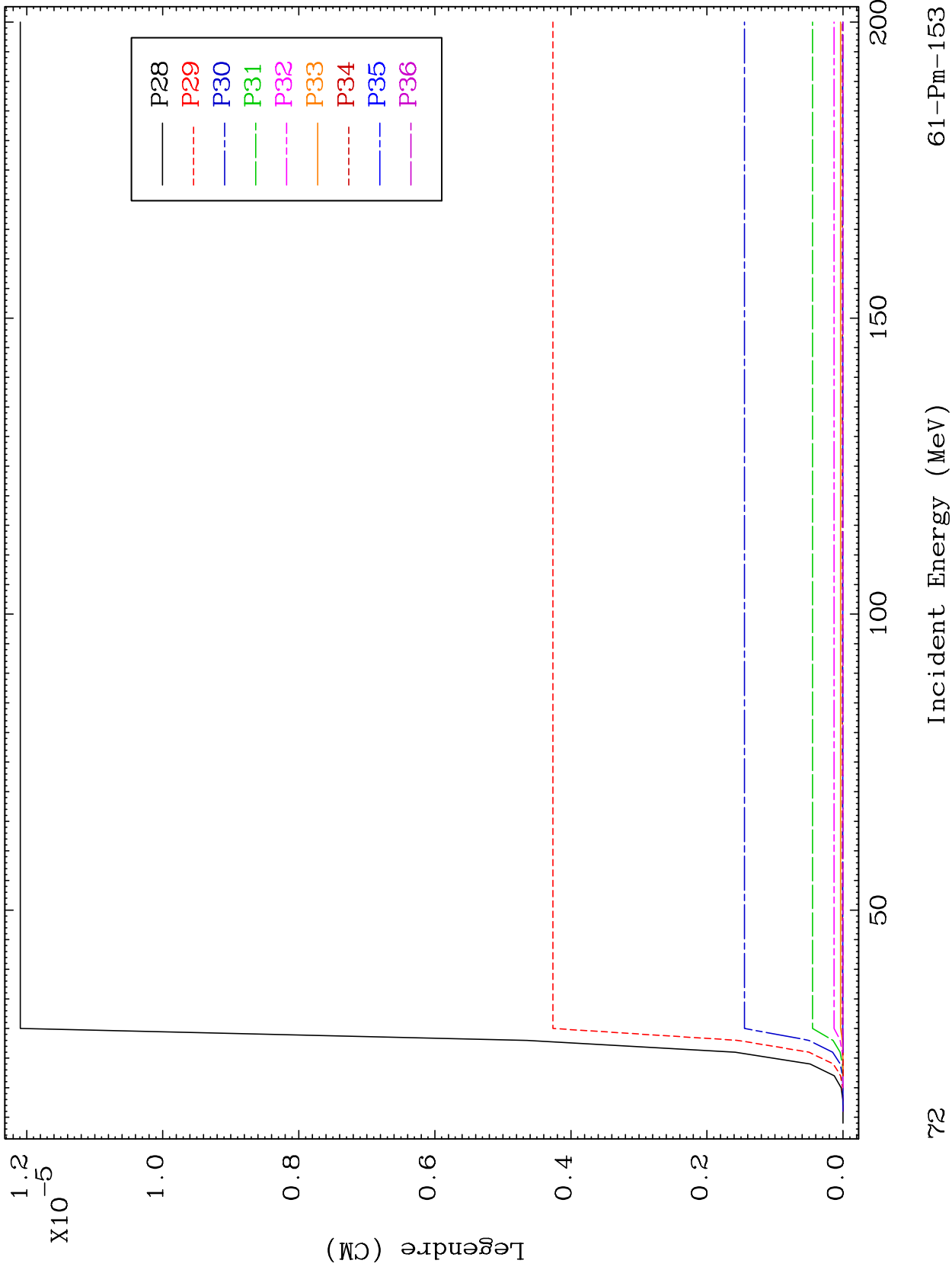
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153

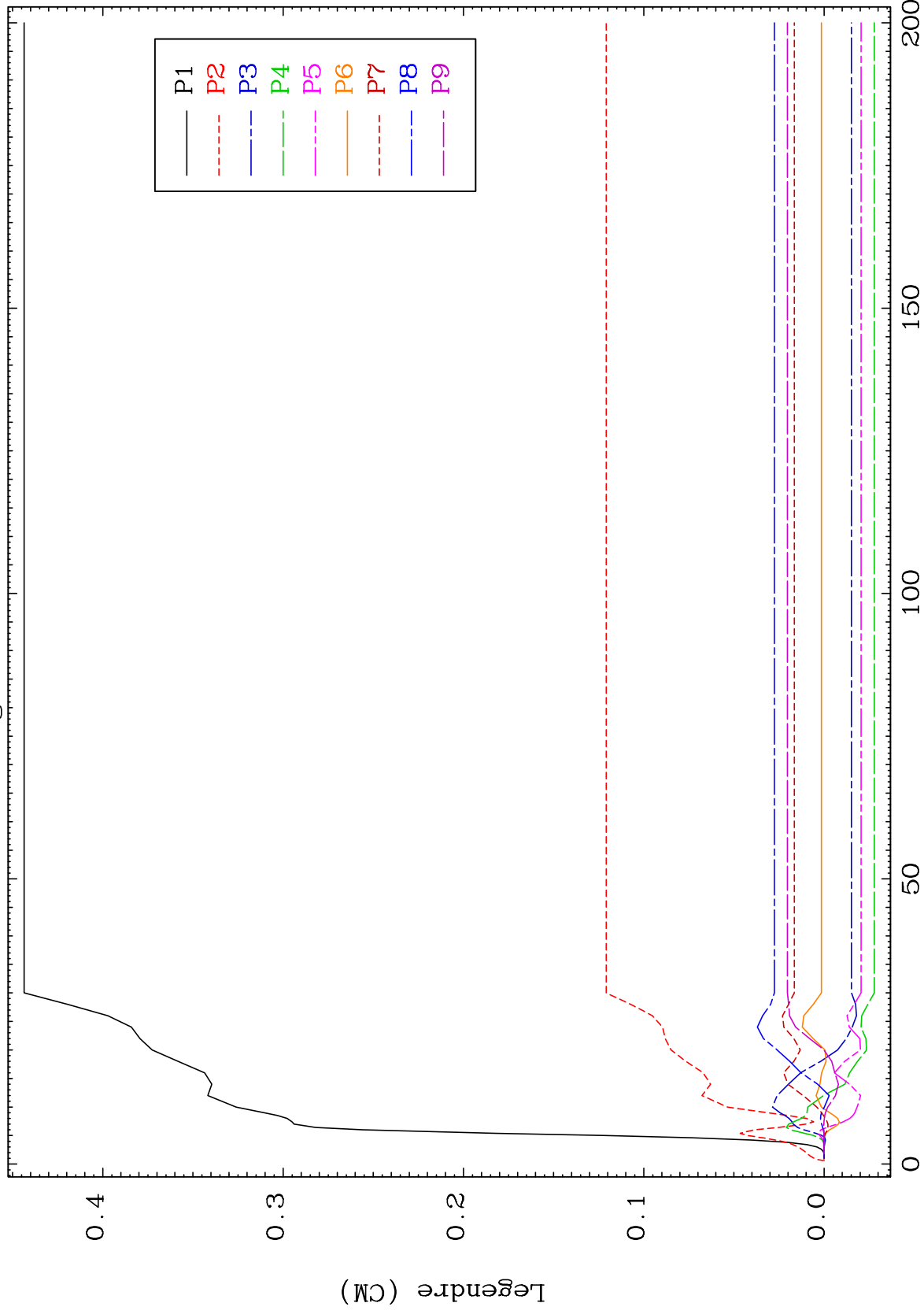


72

MAT 6167

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

61-Pm-153



73

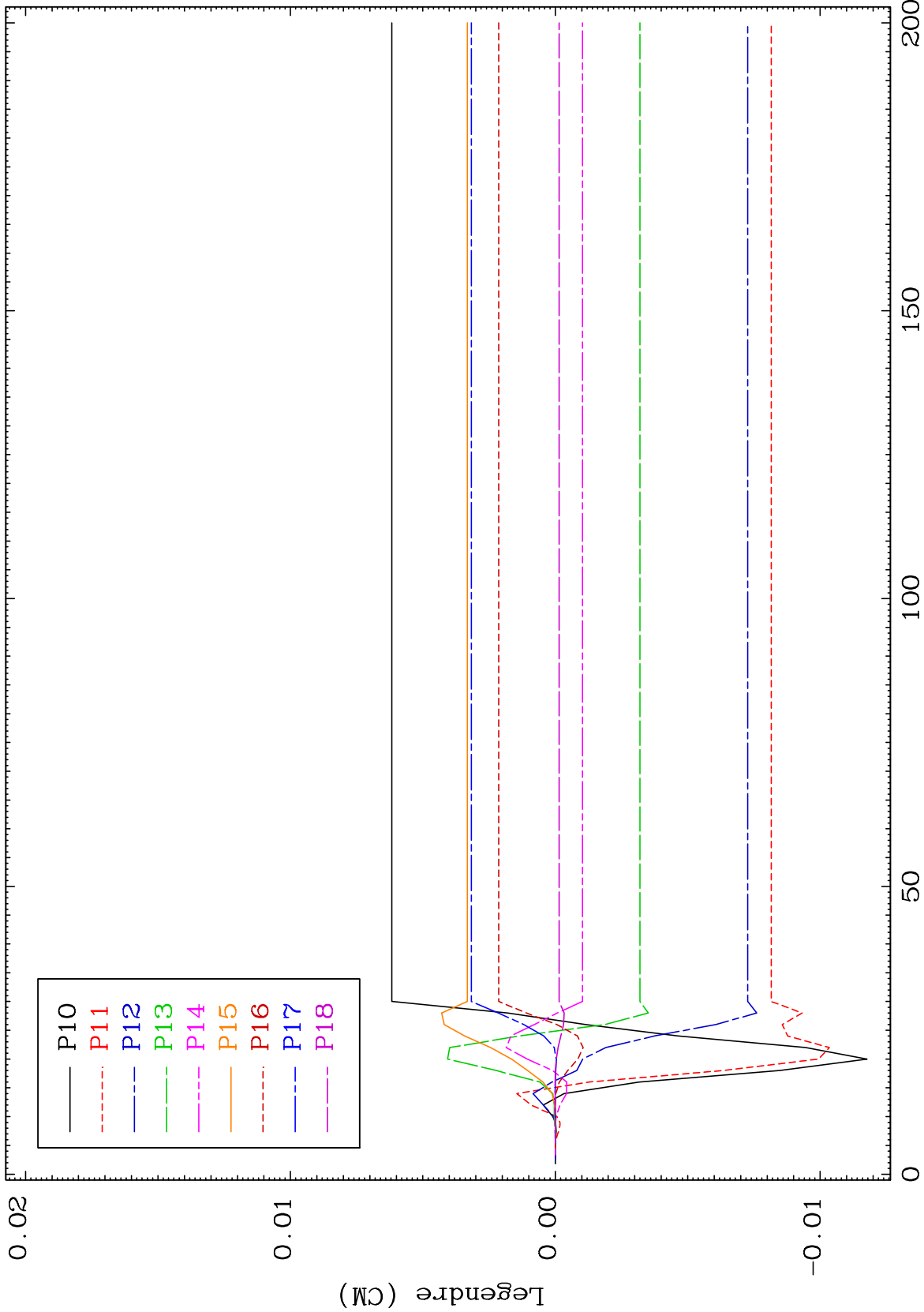
Incident Energy (MeV)

61-Pm-153

MAT 61677

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

61-Pm-153



74

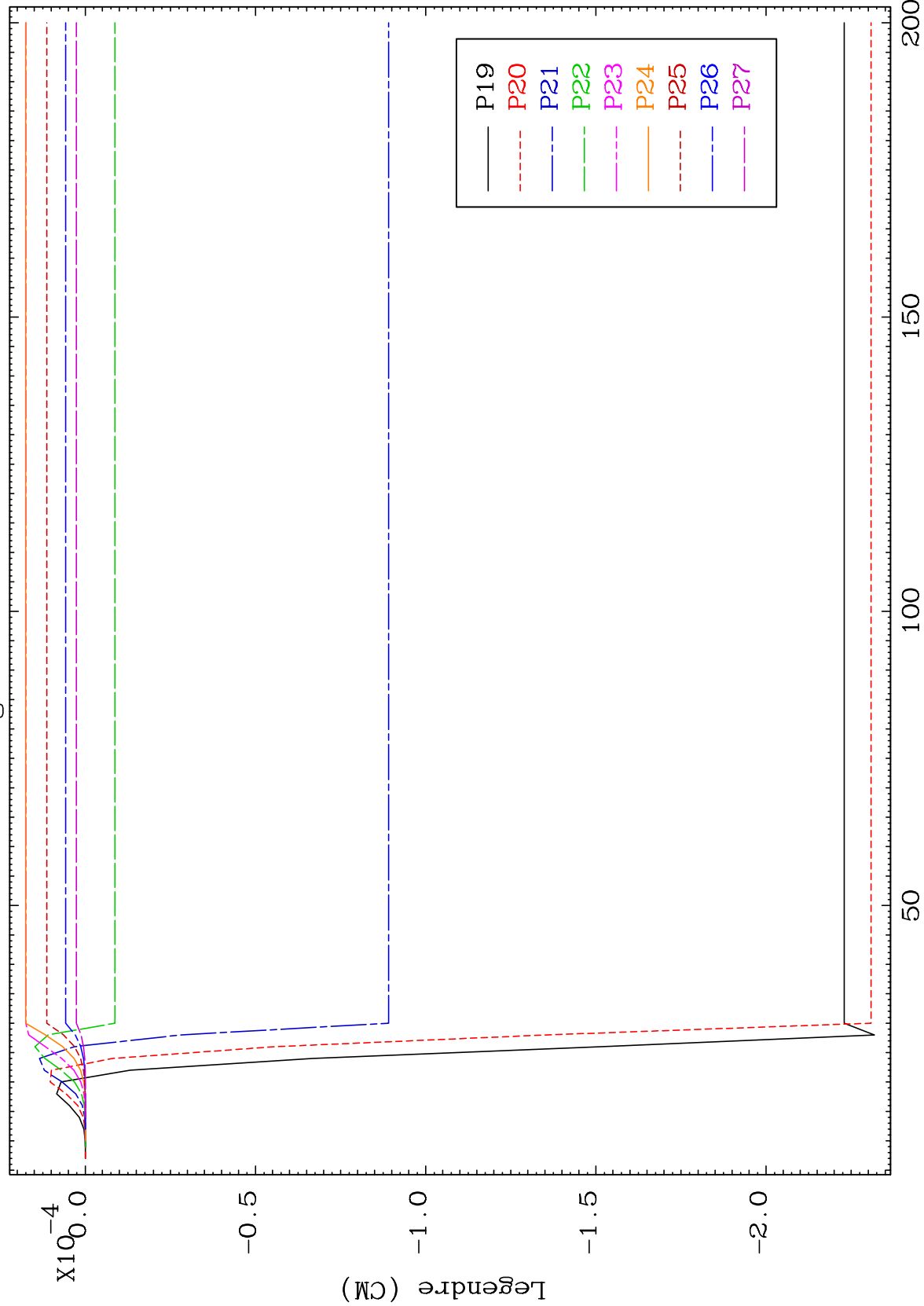
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



75

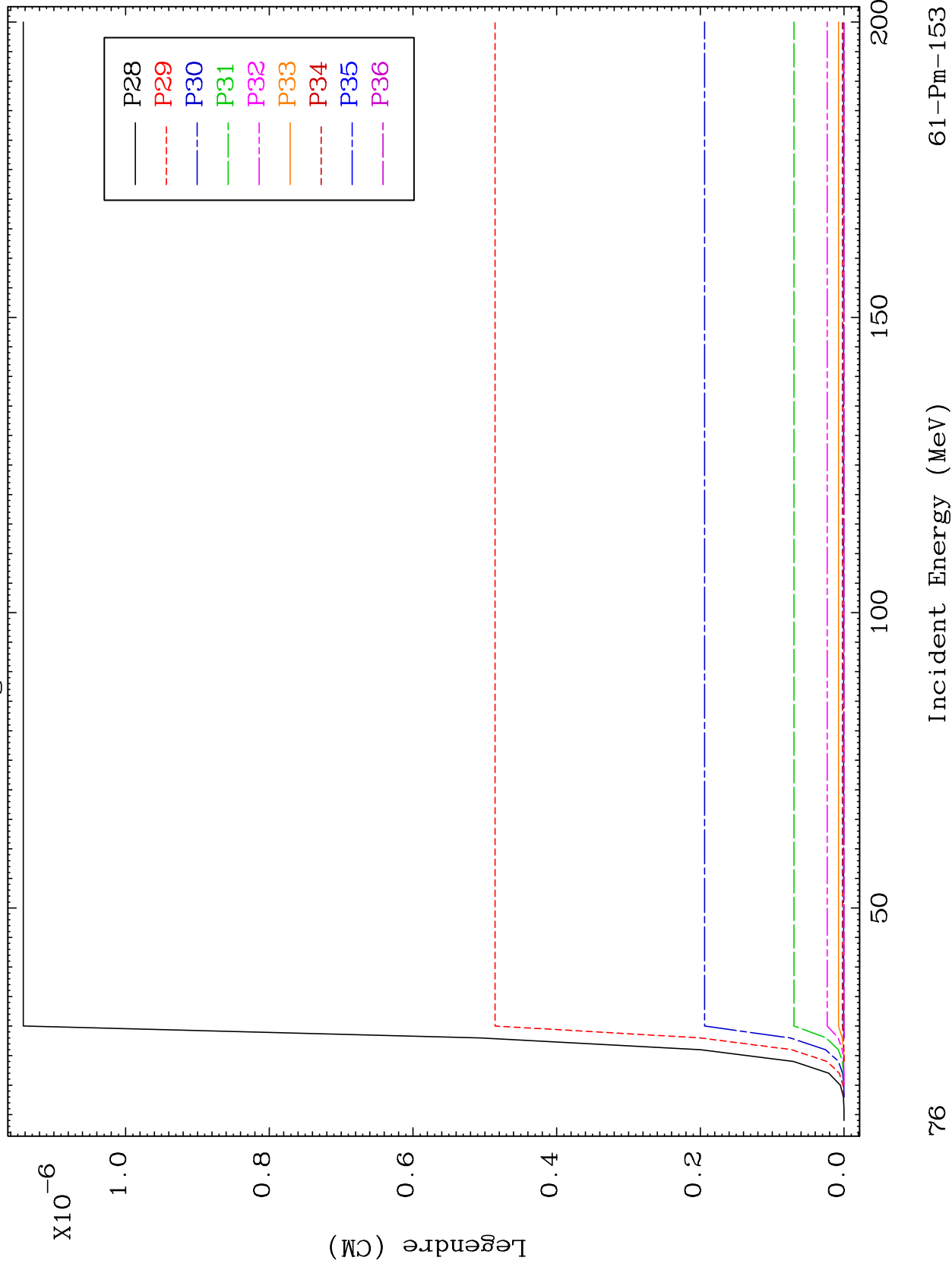
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



76

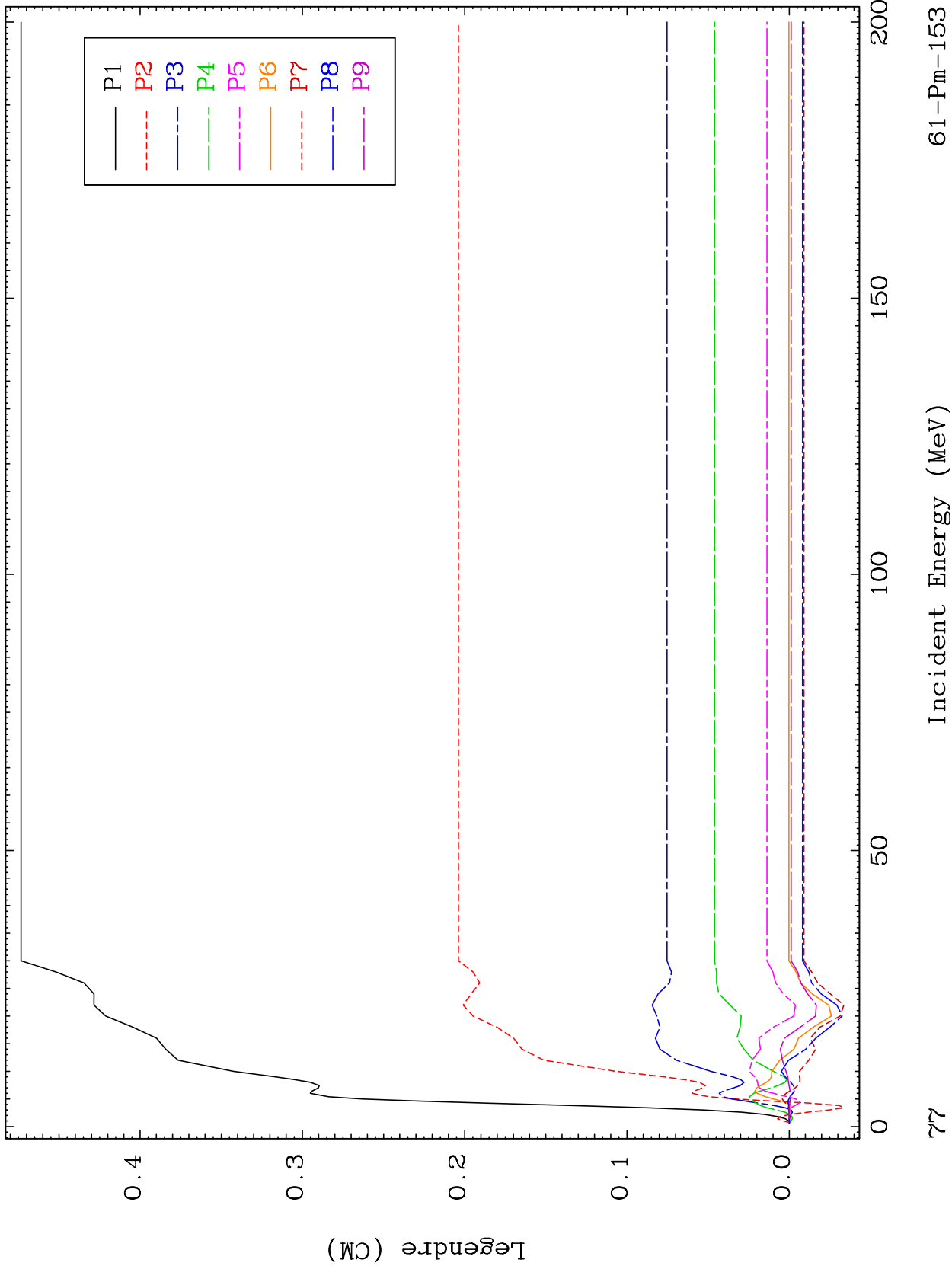
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



61-Pm-153

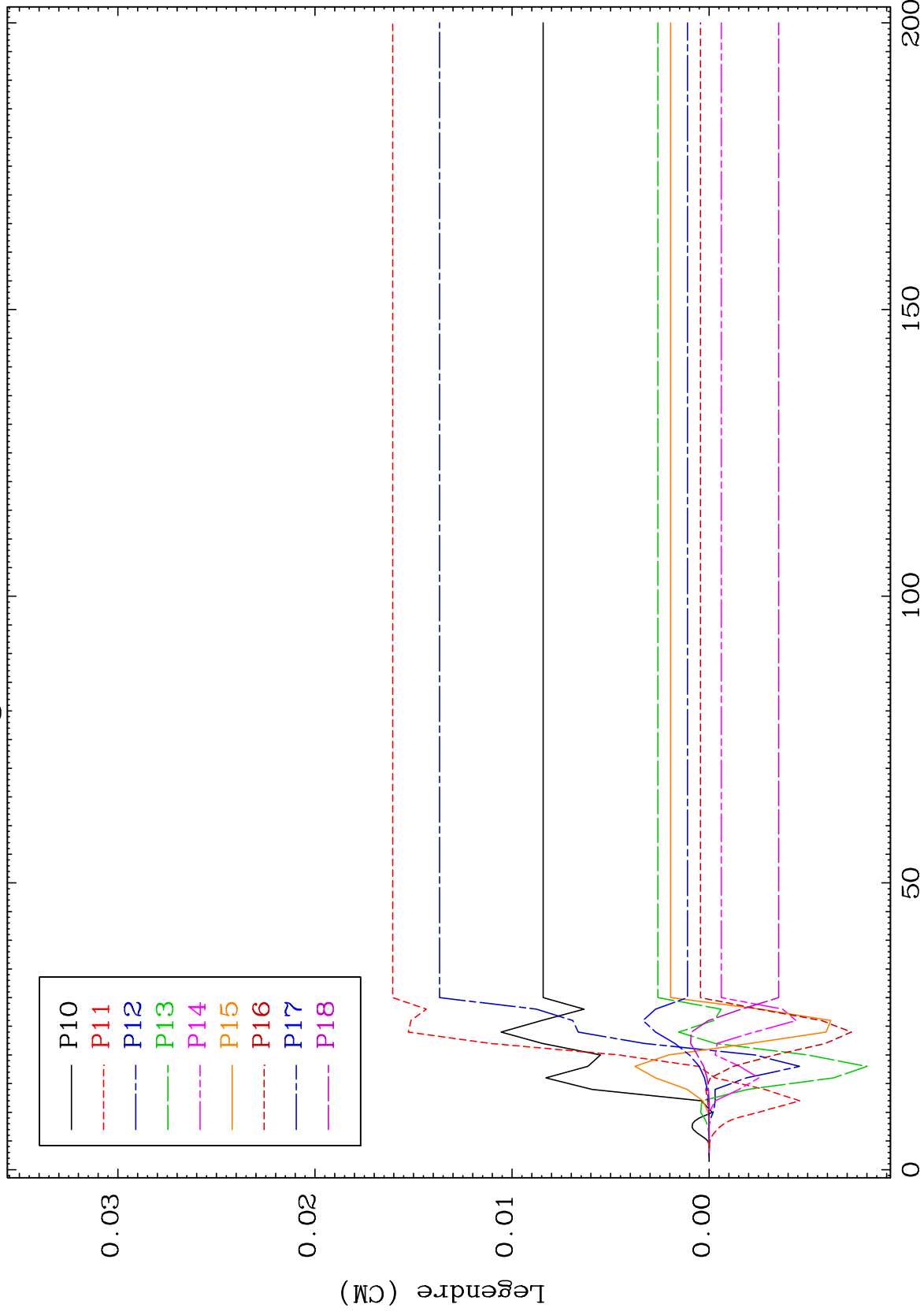
Incident Energy (MeV)

77

MAT 61677

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

61-Pm-153



78

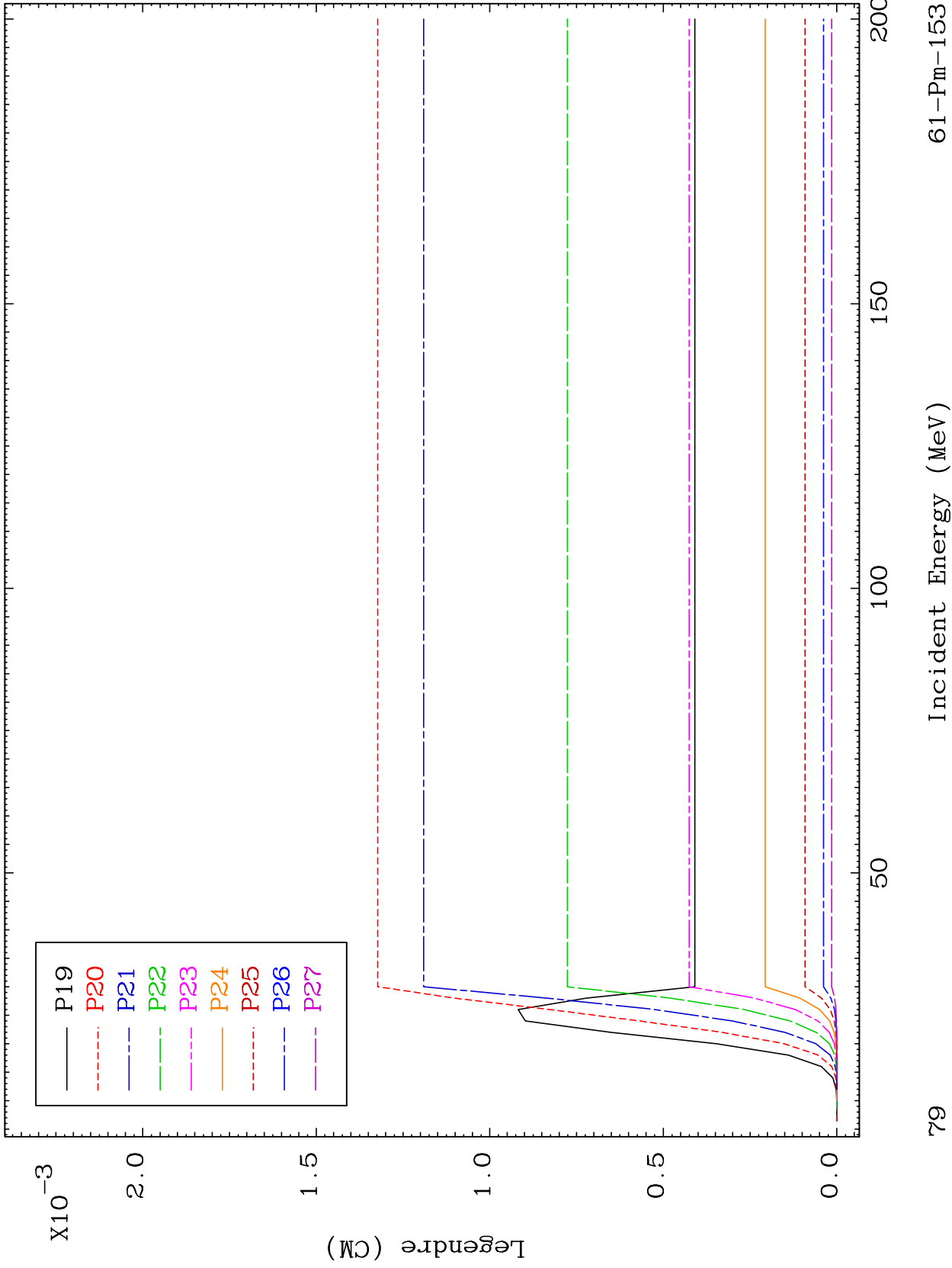
Incident Energy (MeV)

61-Pm-153

MAT 61677

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

61-Pm-153



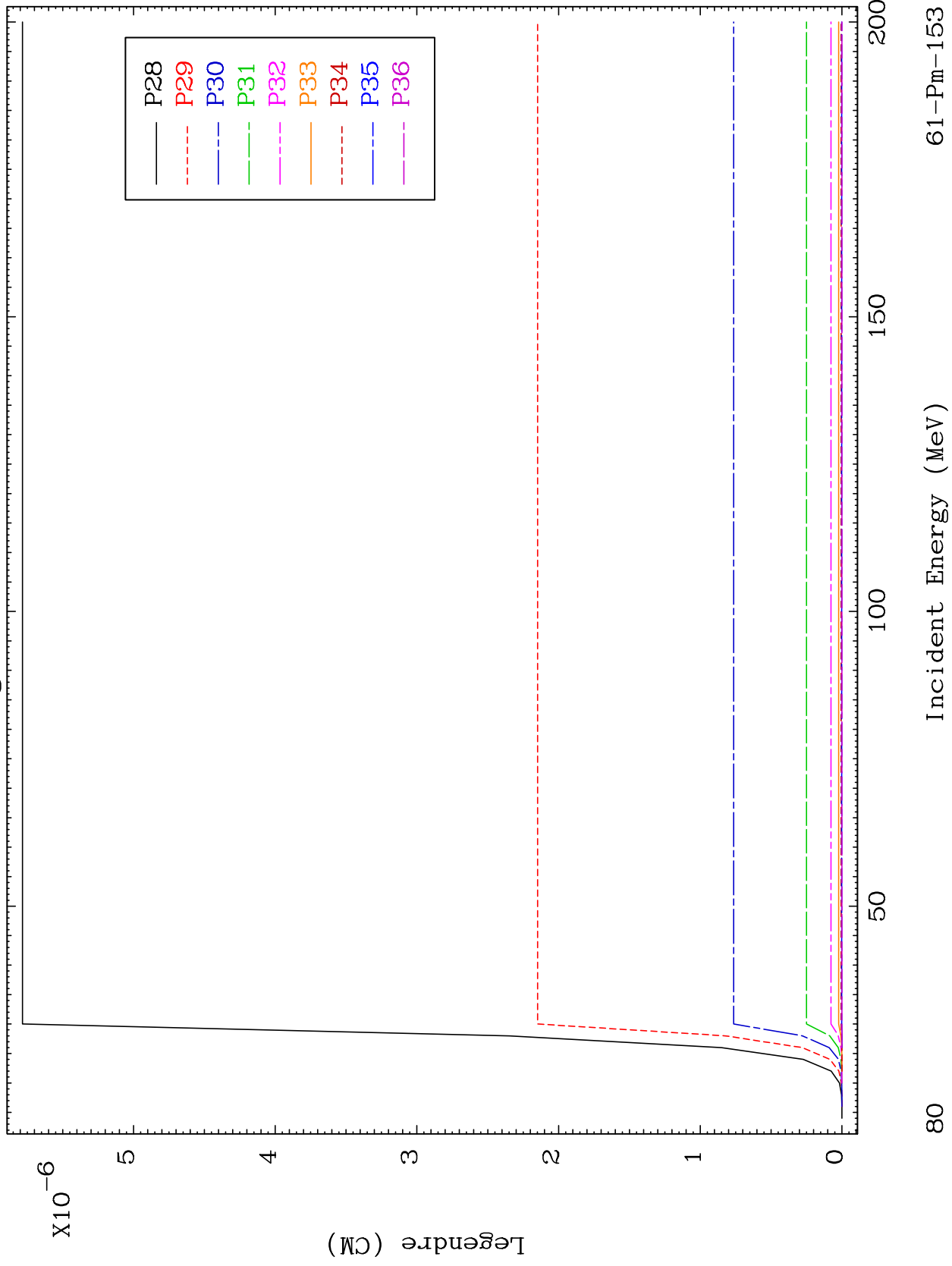
79

61-Pm-153

MAT 6167

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

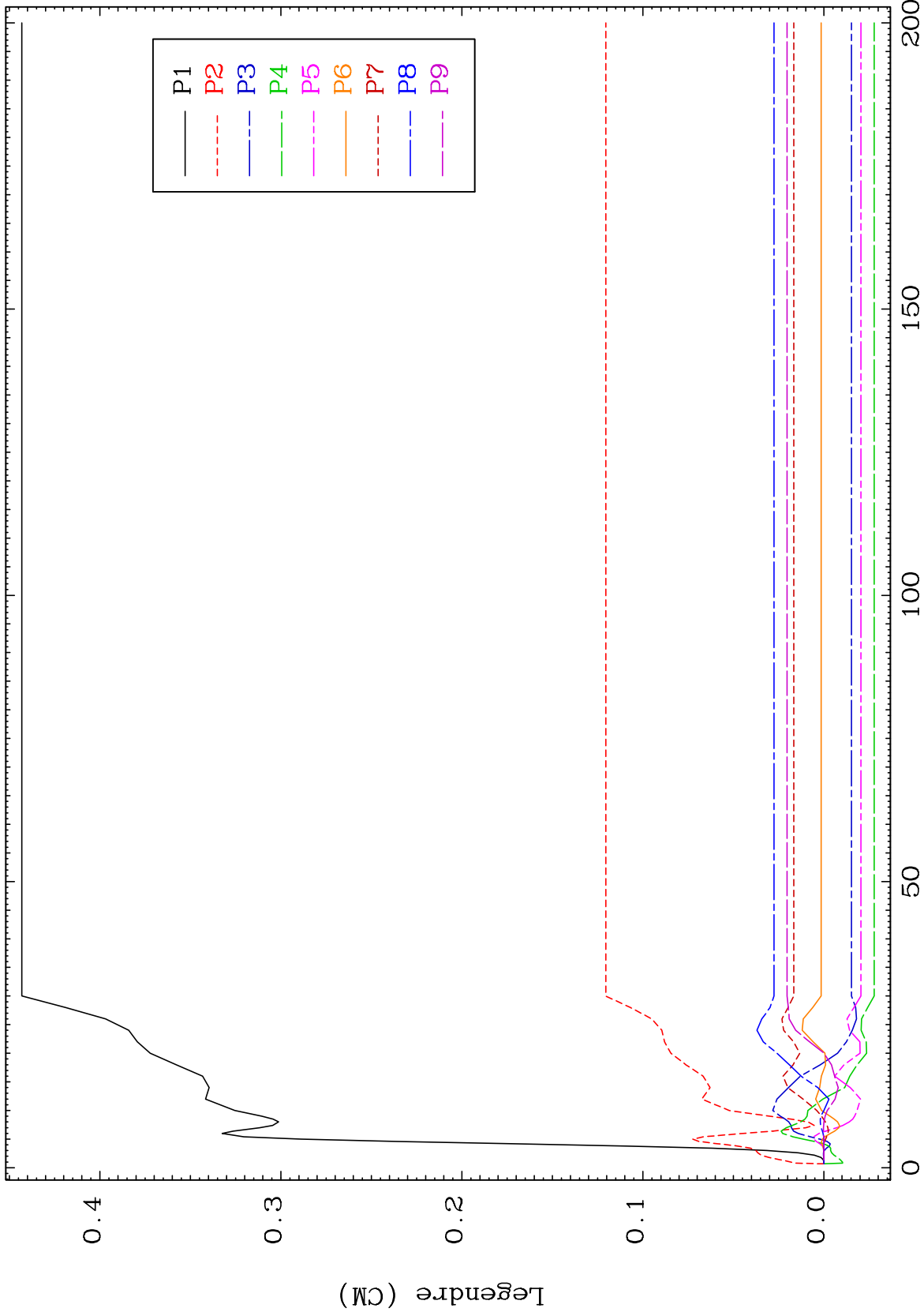
61-Pm-153



MAT 6167

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

61-Pm-153



81

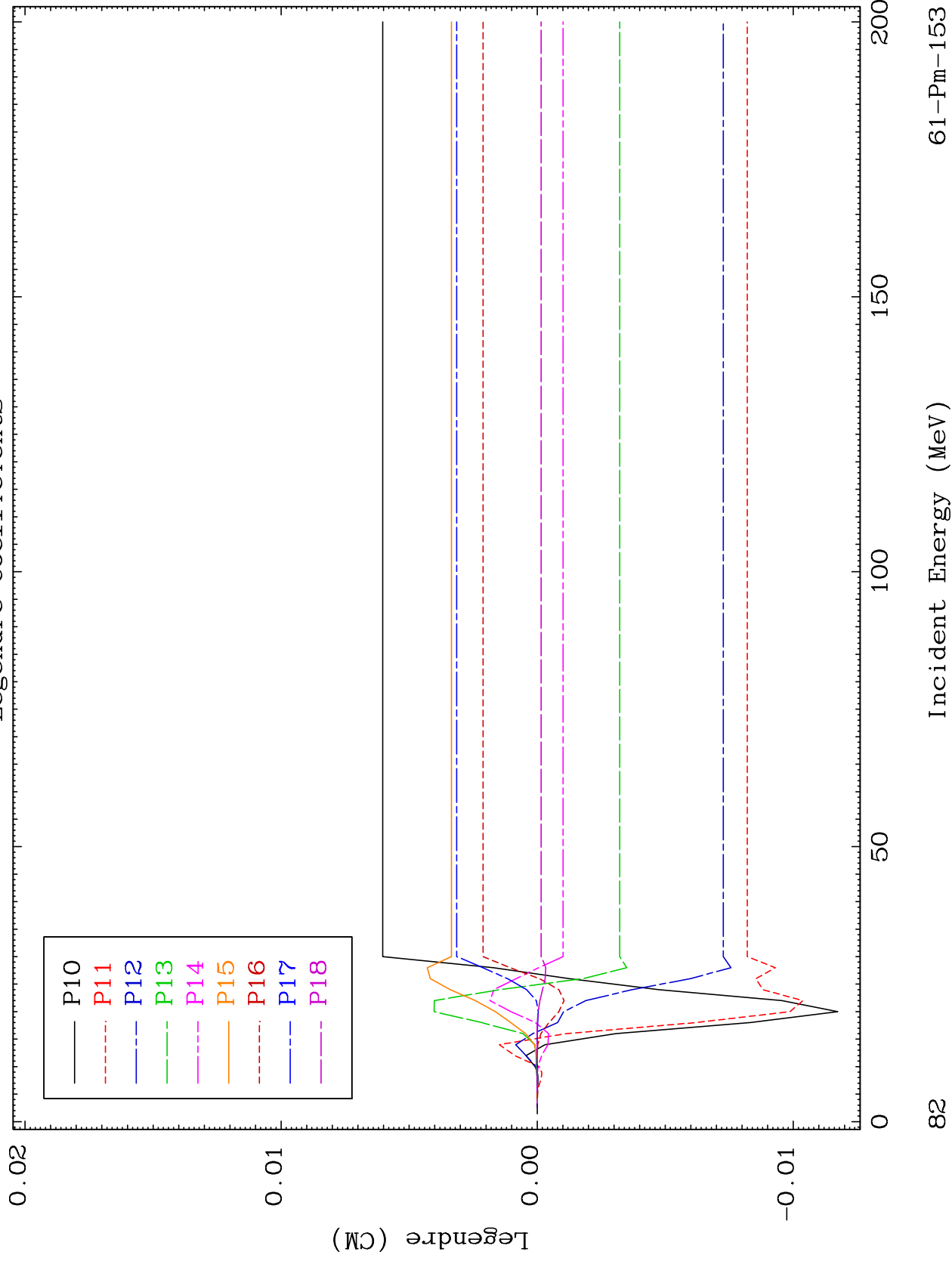
Incident Energy (MeV)

61-Pm-153

MAT 61677

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

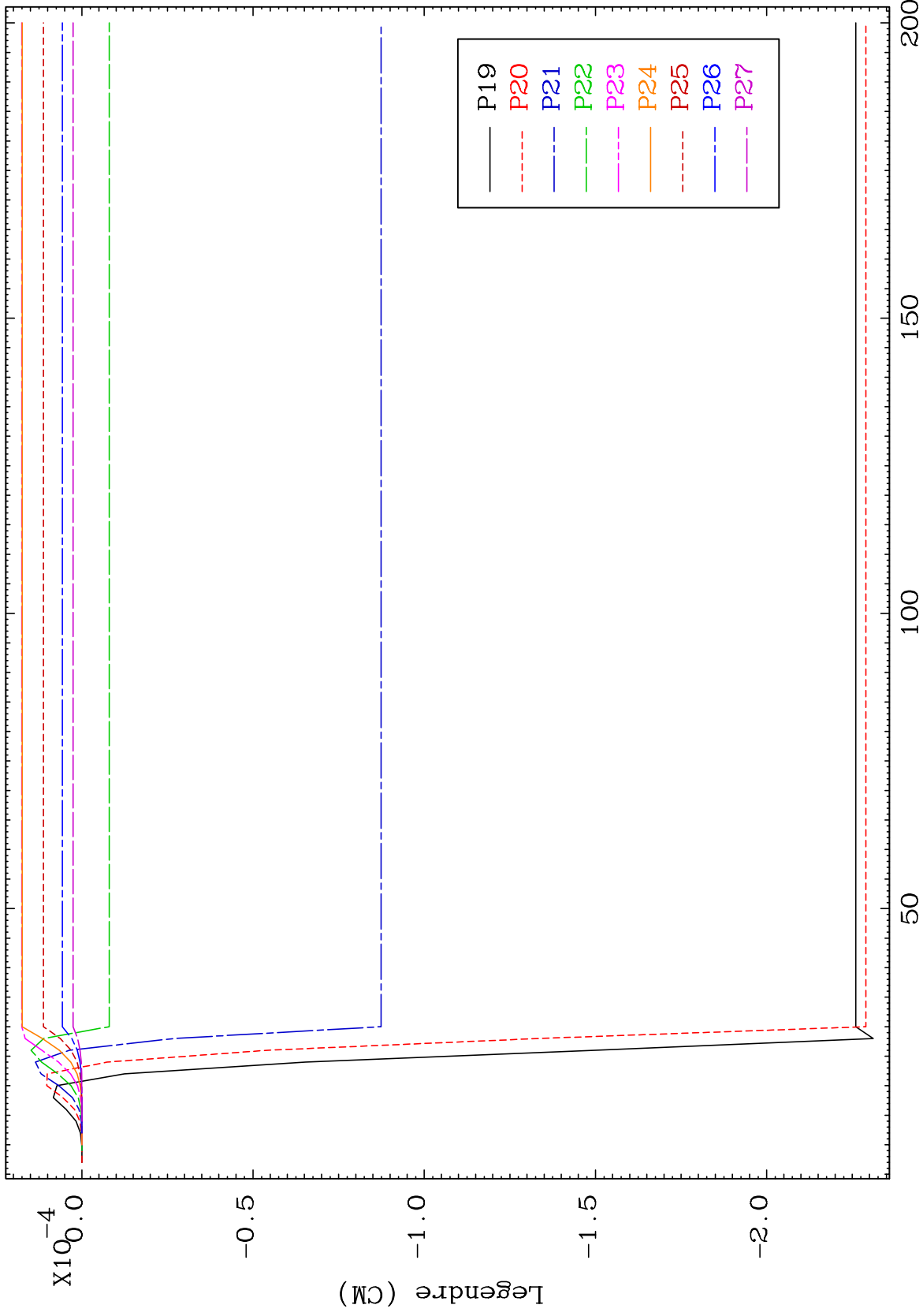
61-Pm-153

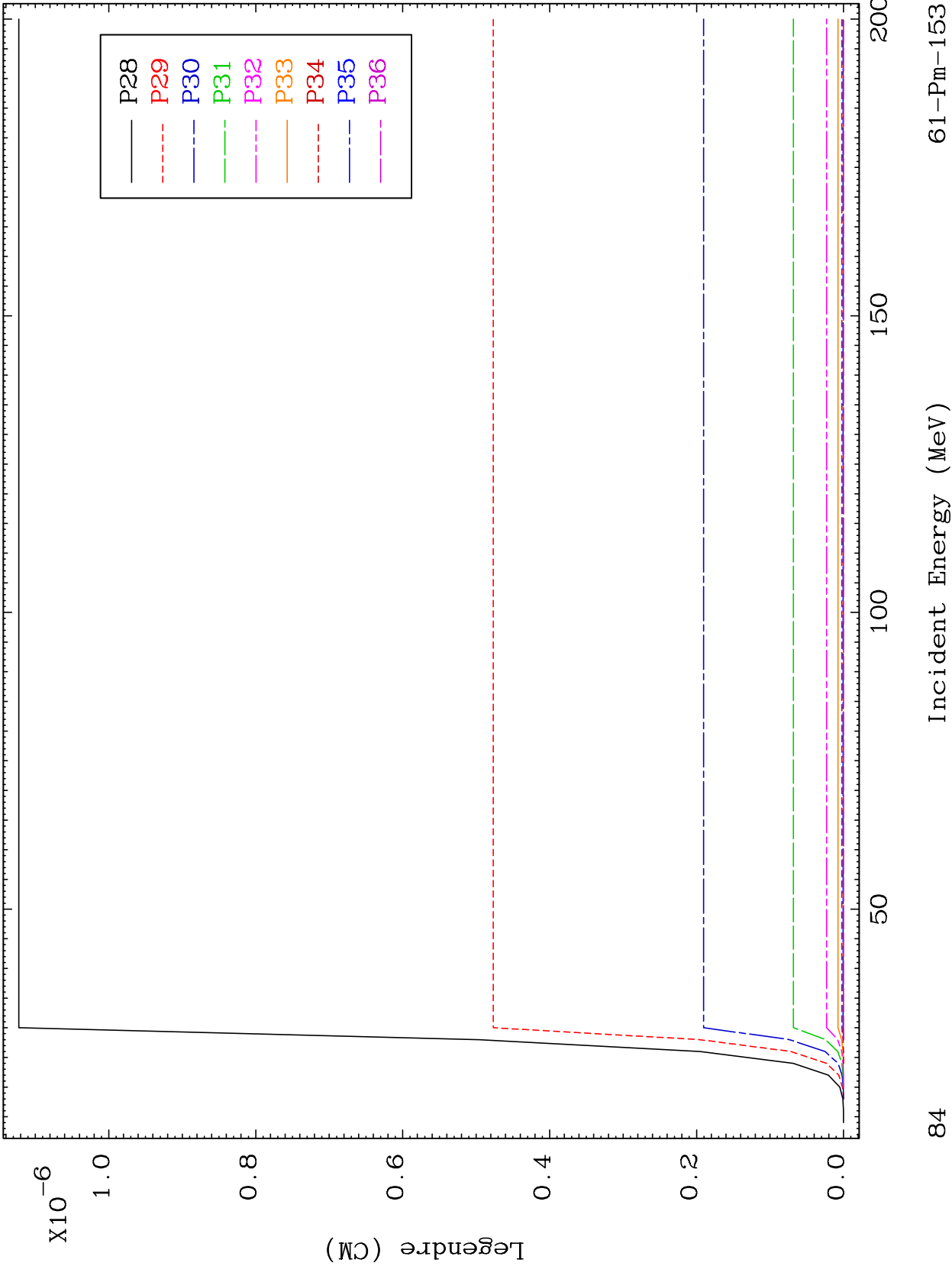


82

Incident Energy (MeV)

61-Pm-153

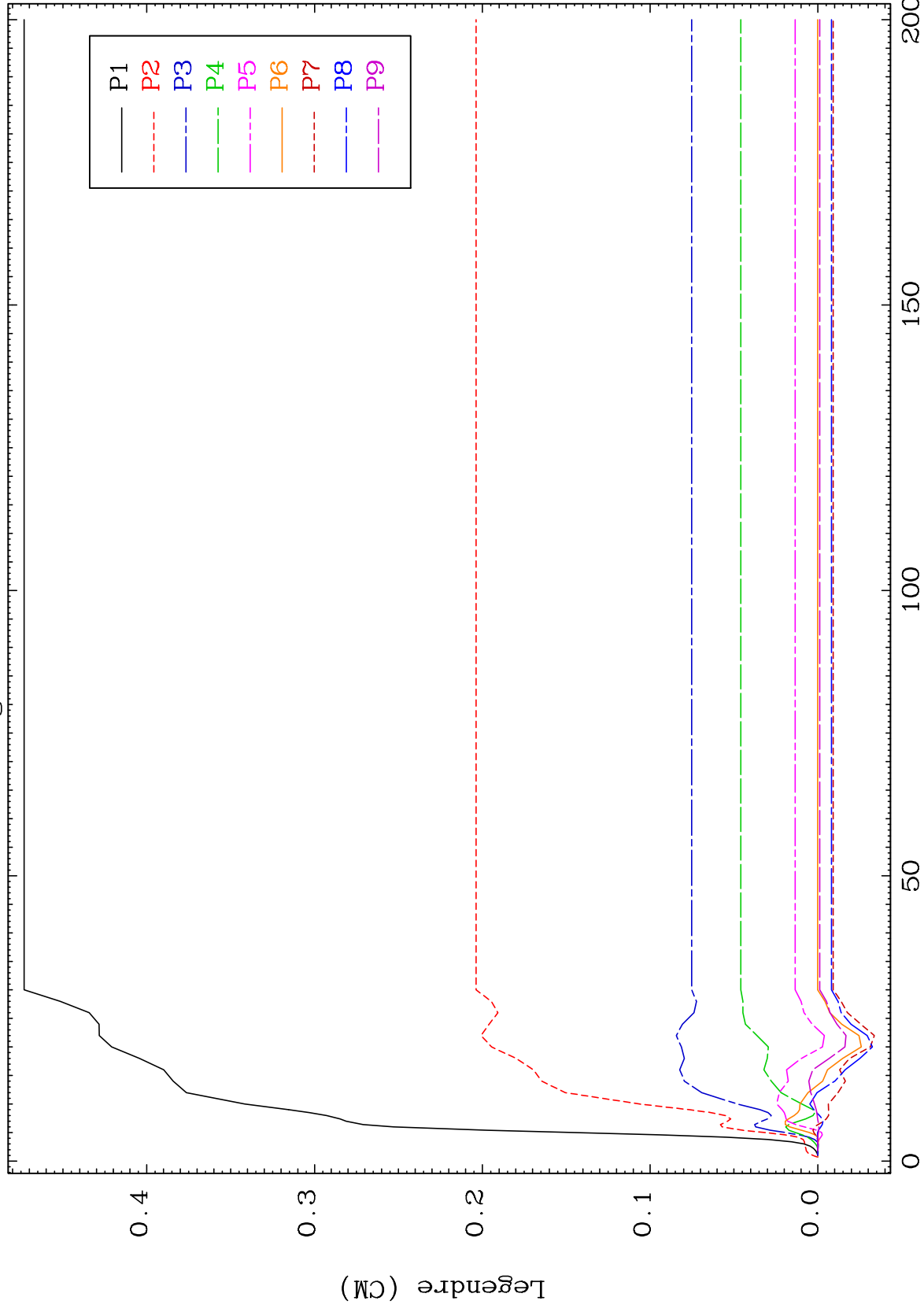




MAT 6167

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

61-Pm-153



85

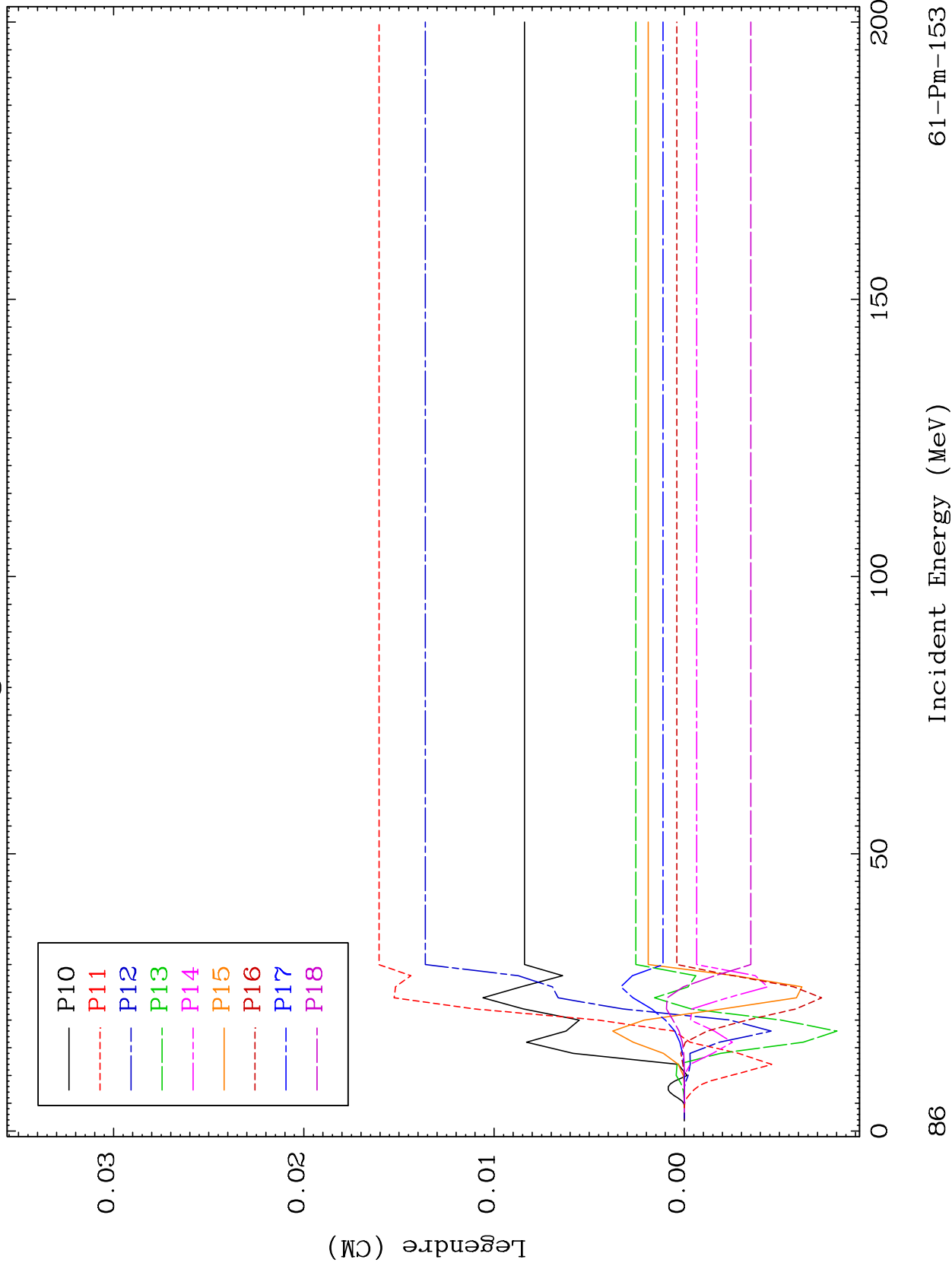
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



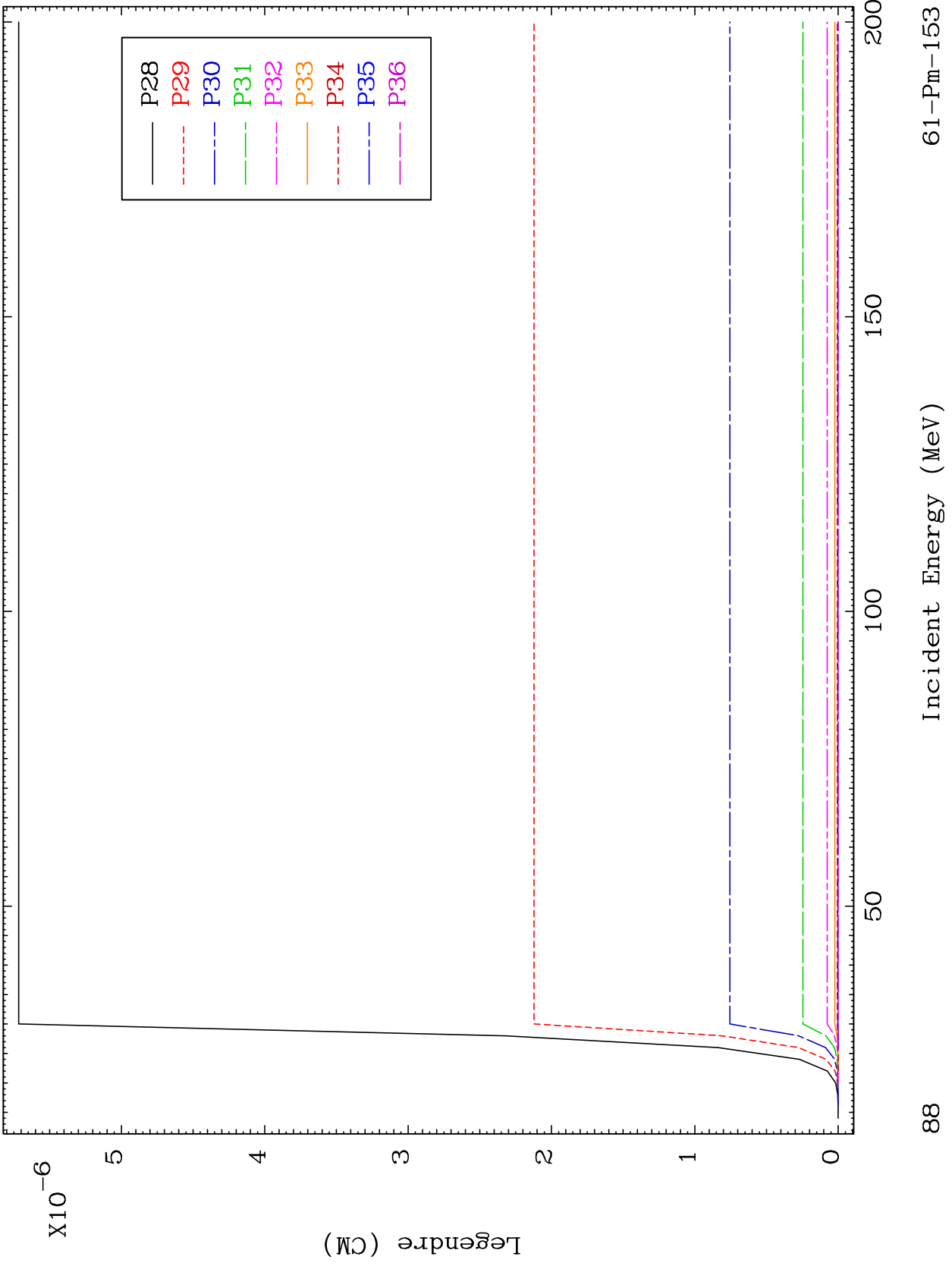
86

61-Pm-153

MAT 6167

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

61-Pm-153



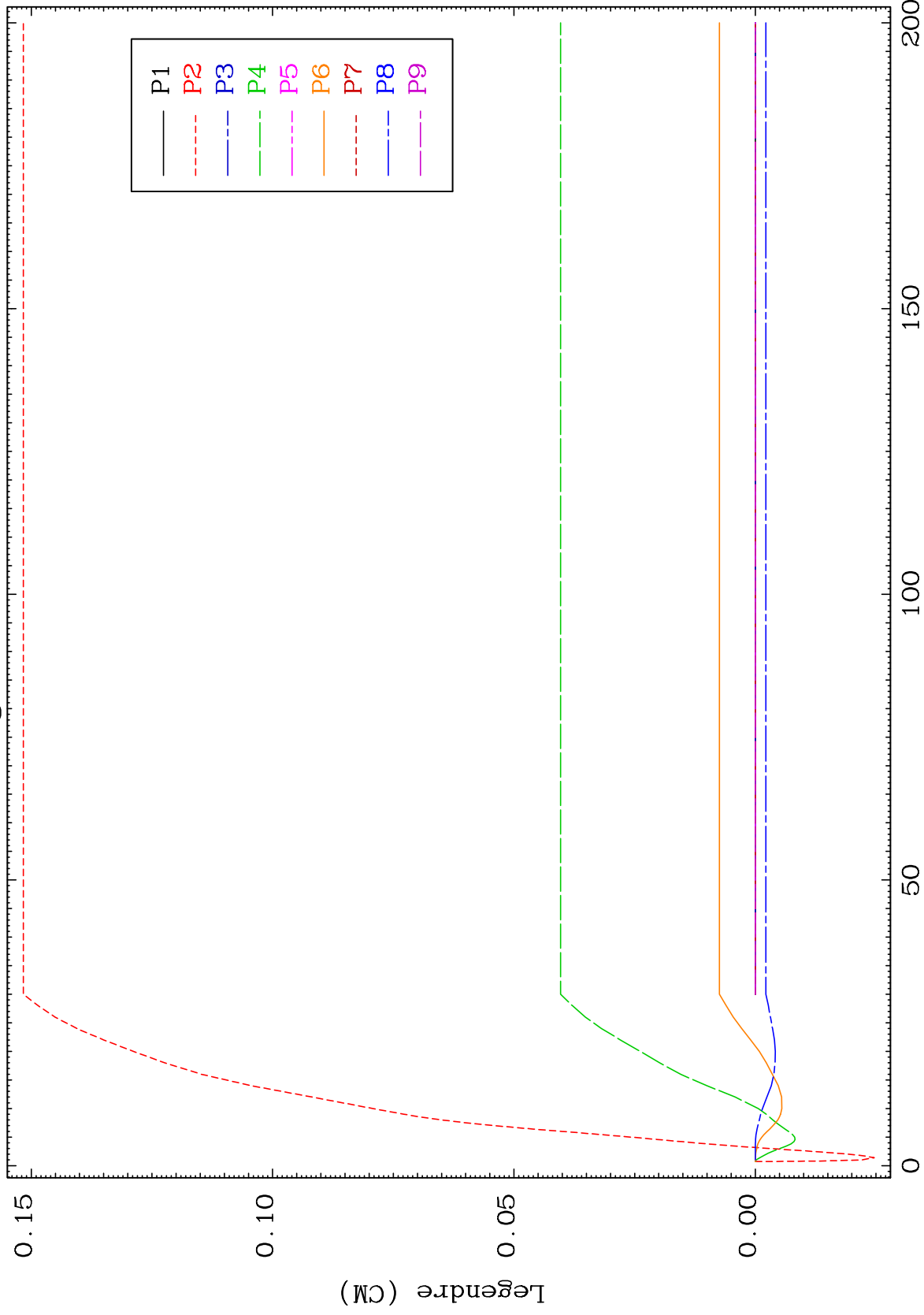
88

61-Pm-153

MAT 6167

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

61-Pm-153



89

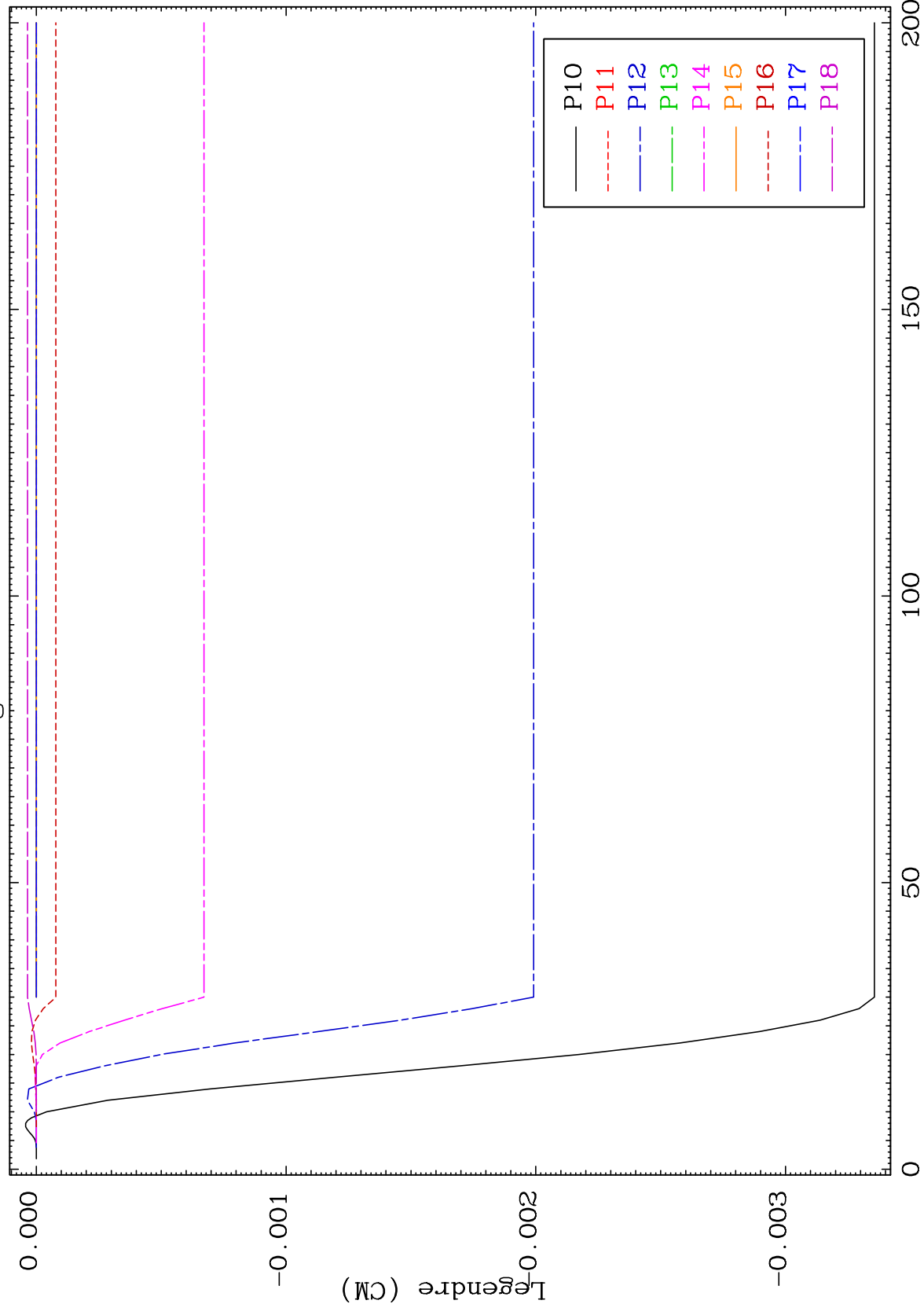
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



90

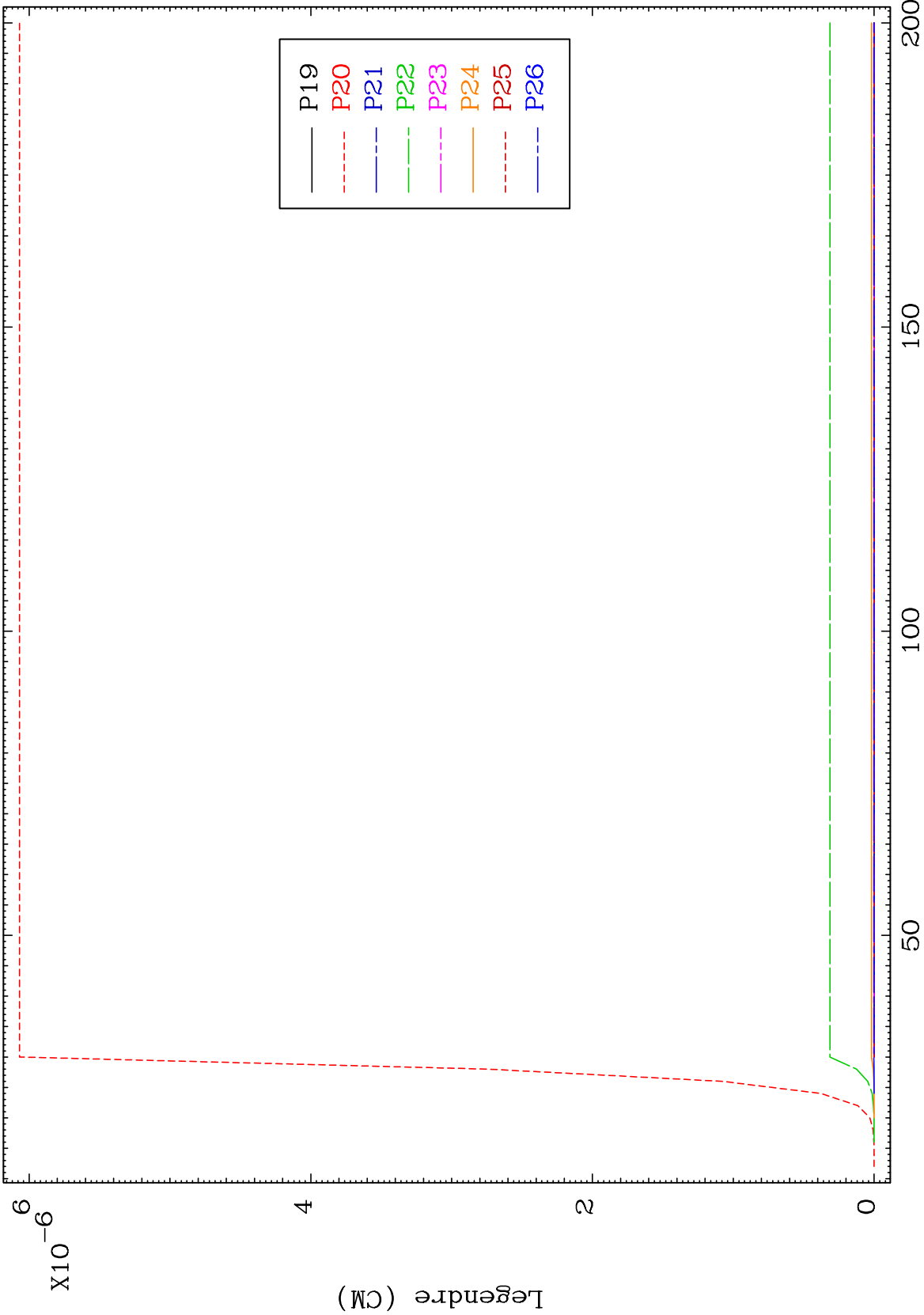
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



91

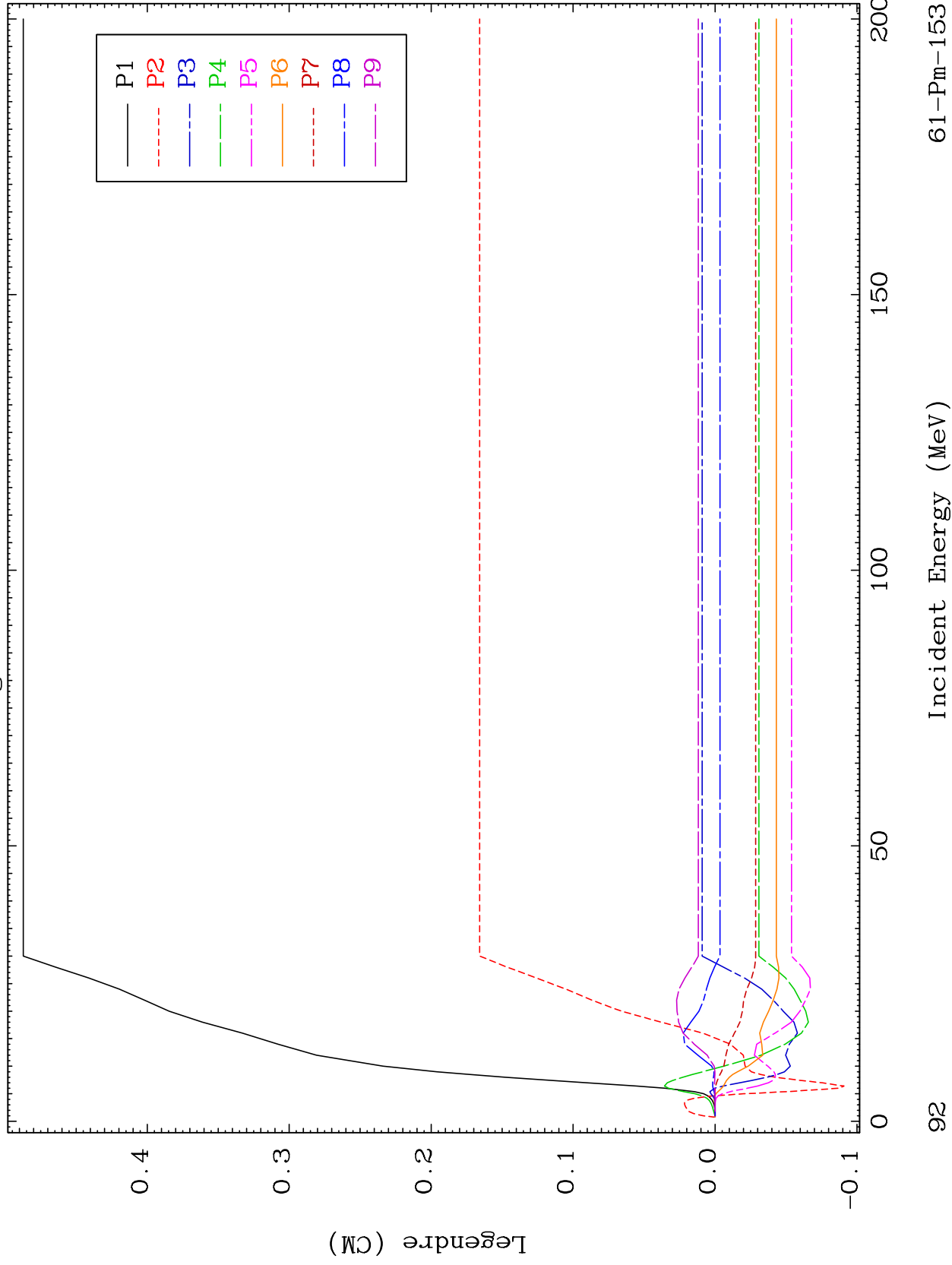
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



61-Pm-153

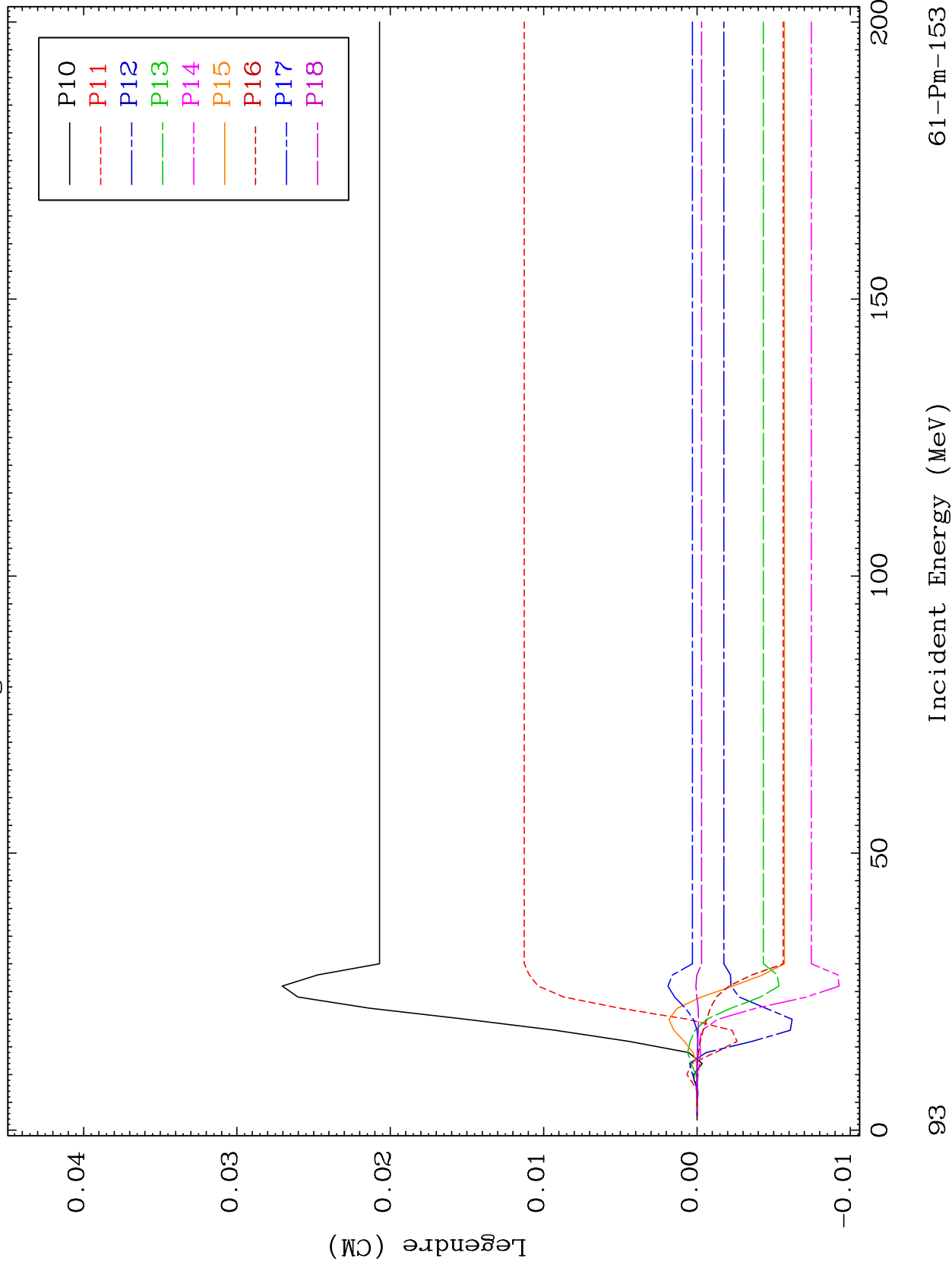
Incident Energy (MeV)

92

MAT 6167

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

61-Pm-153



61-Pm-153

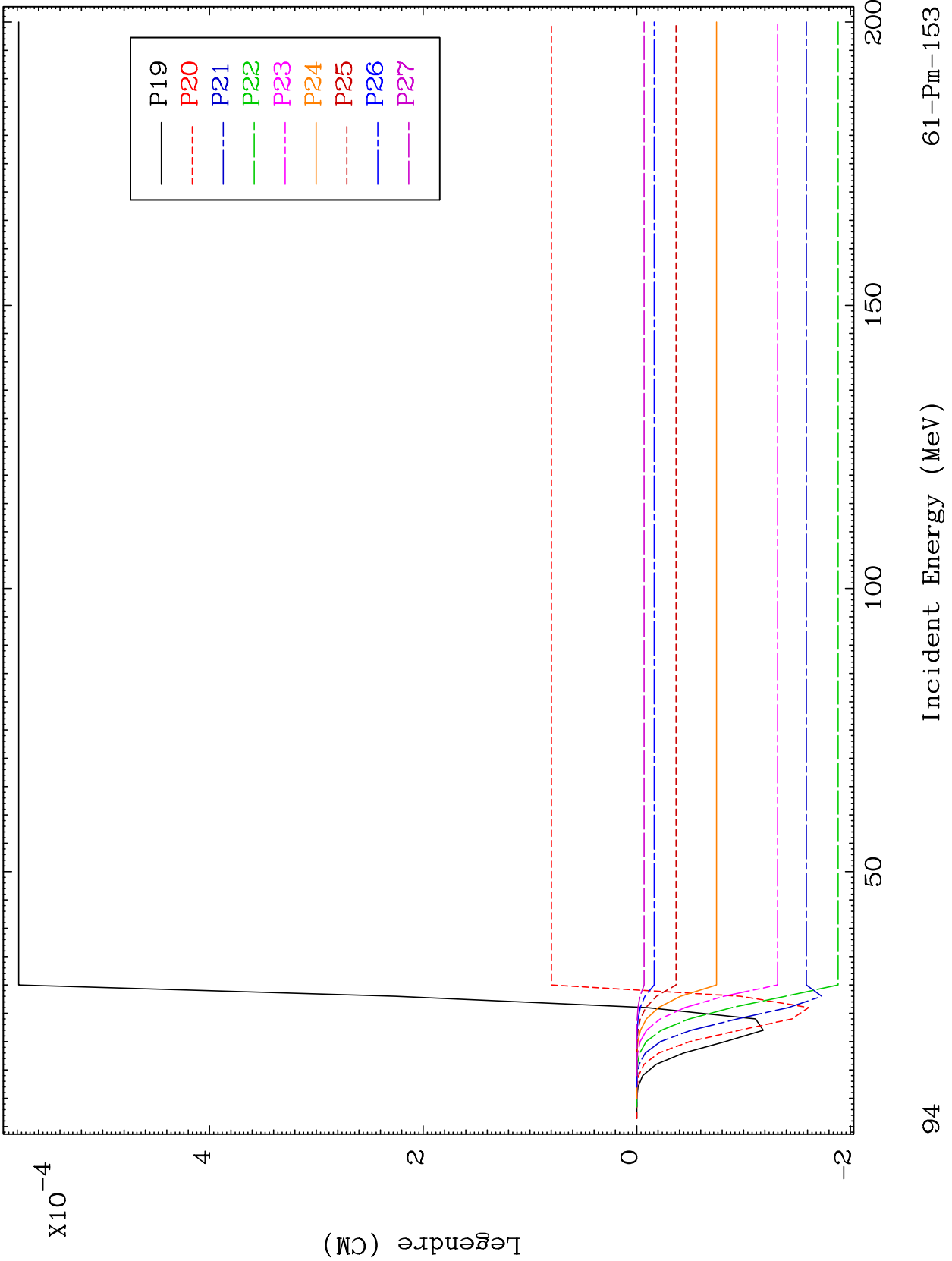
Incident Energy (MeV)

93

MAT 6167

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

61-Pm-153



94

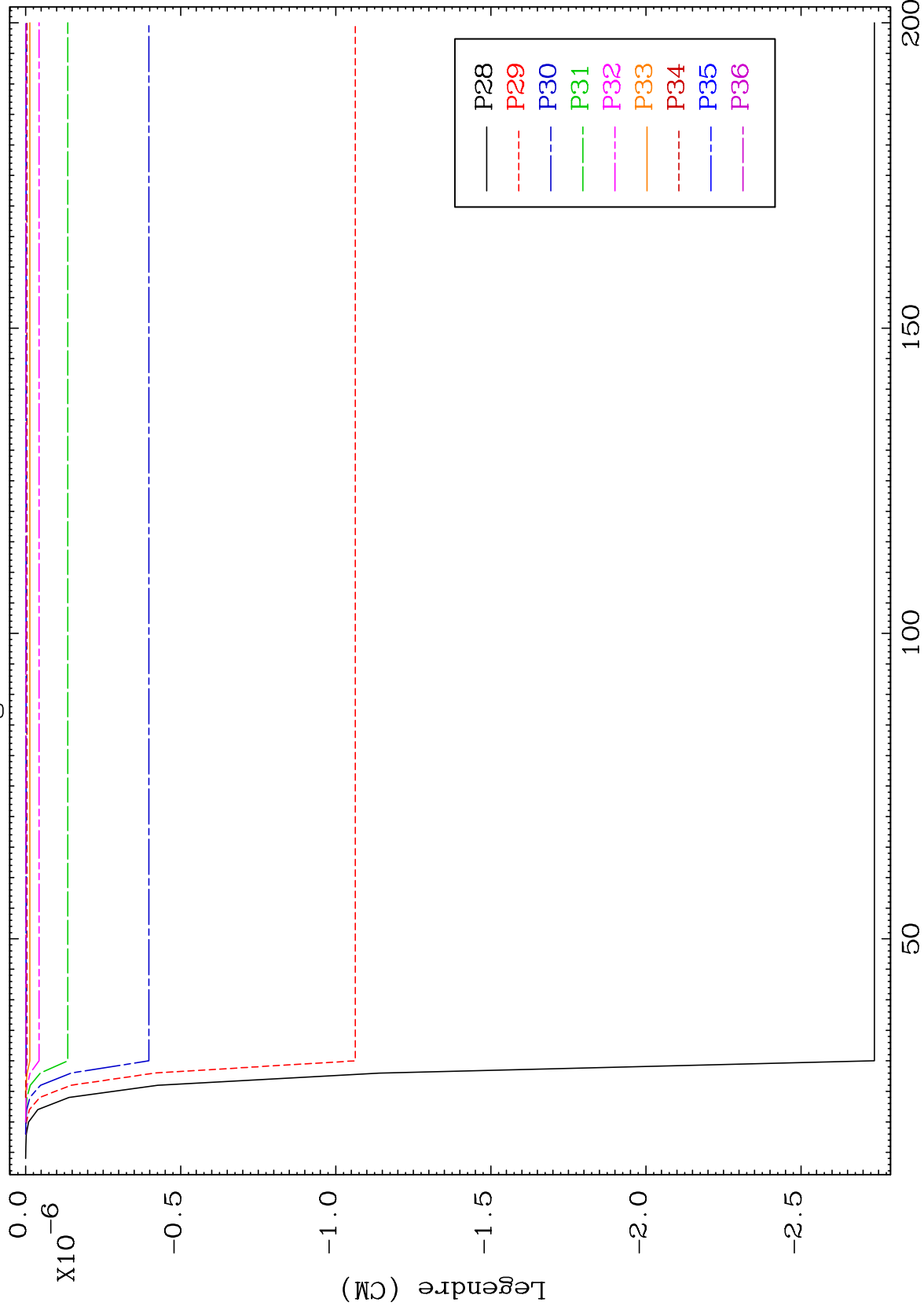
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



95

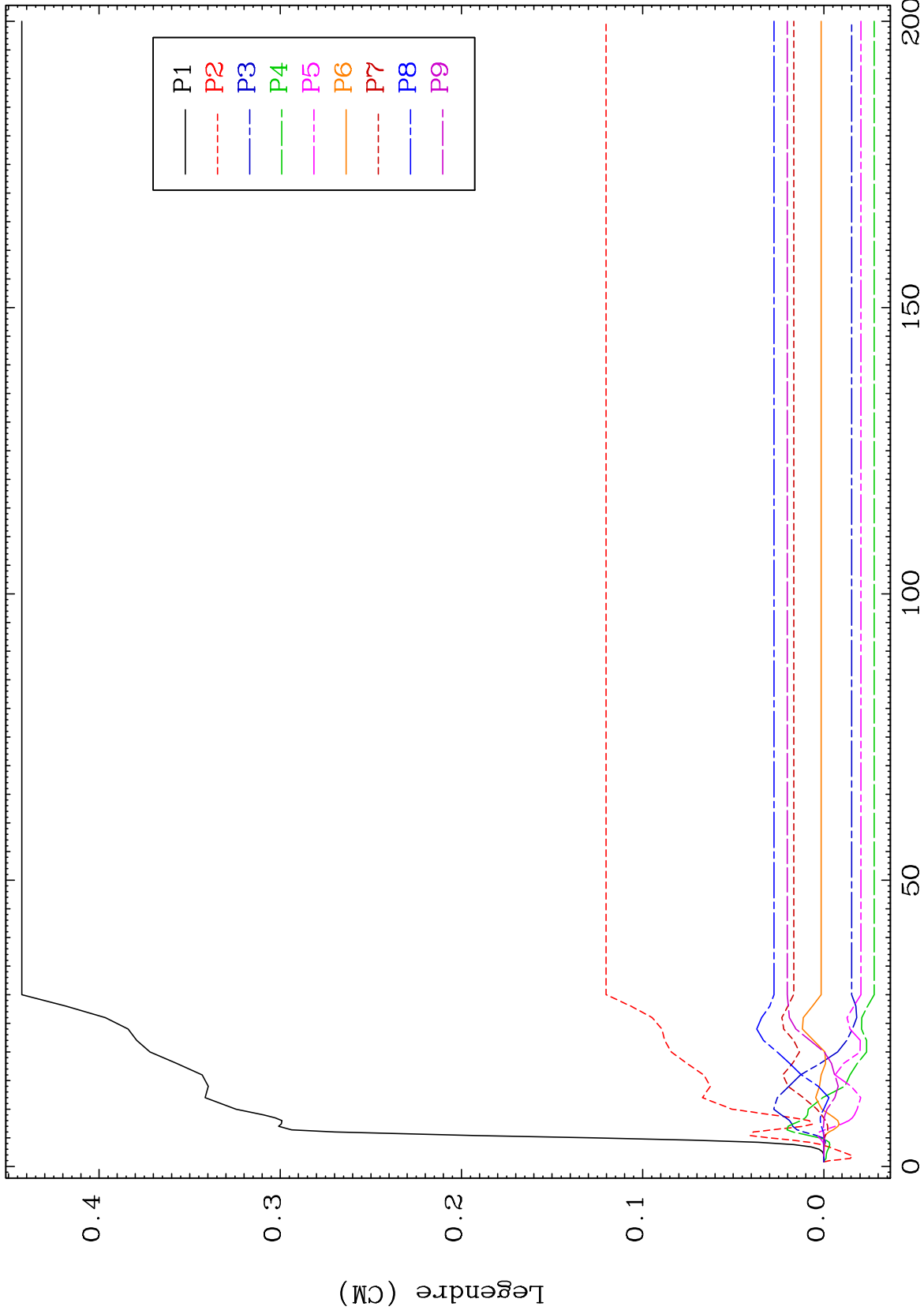
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



96

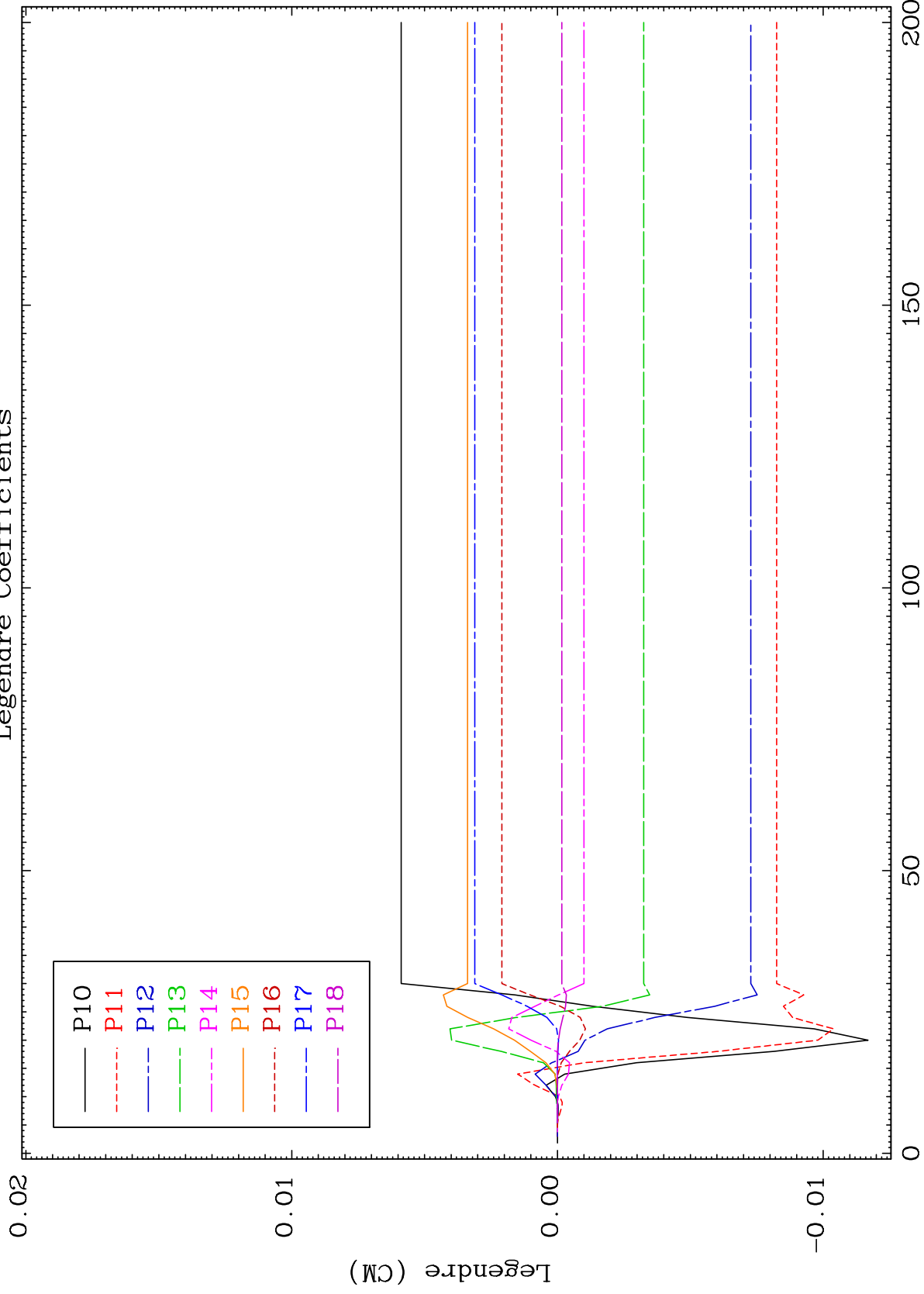
Incident Energy (MeV)

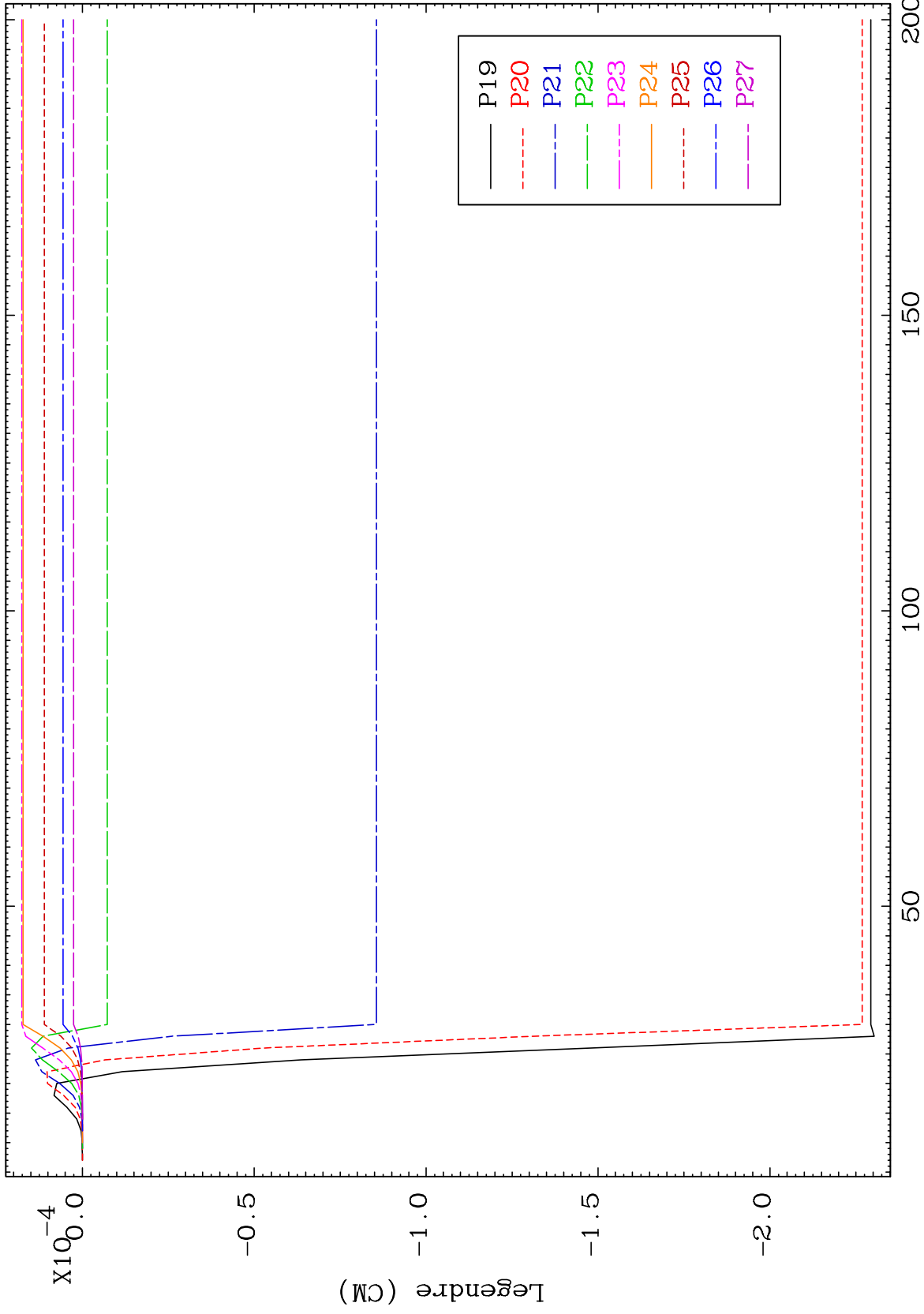
61-Pm-153

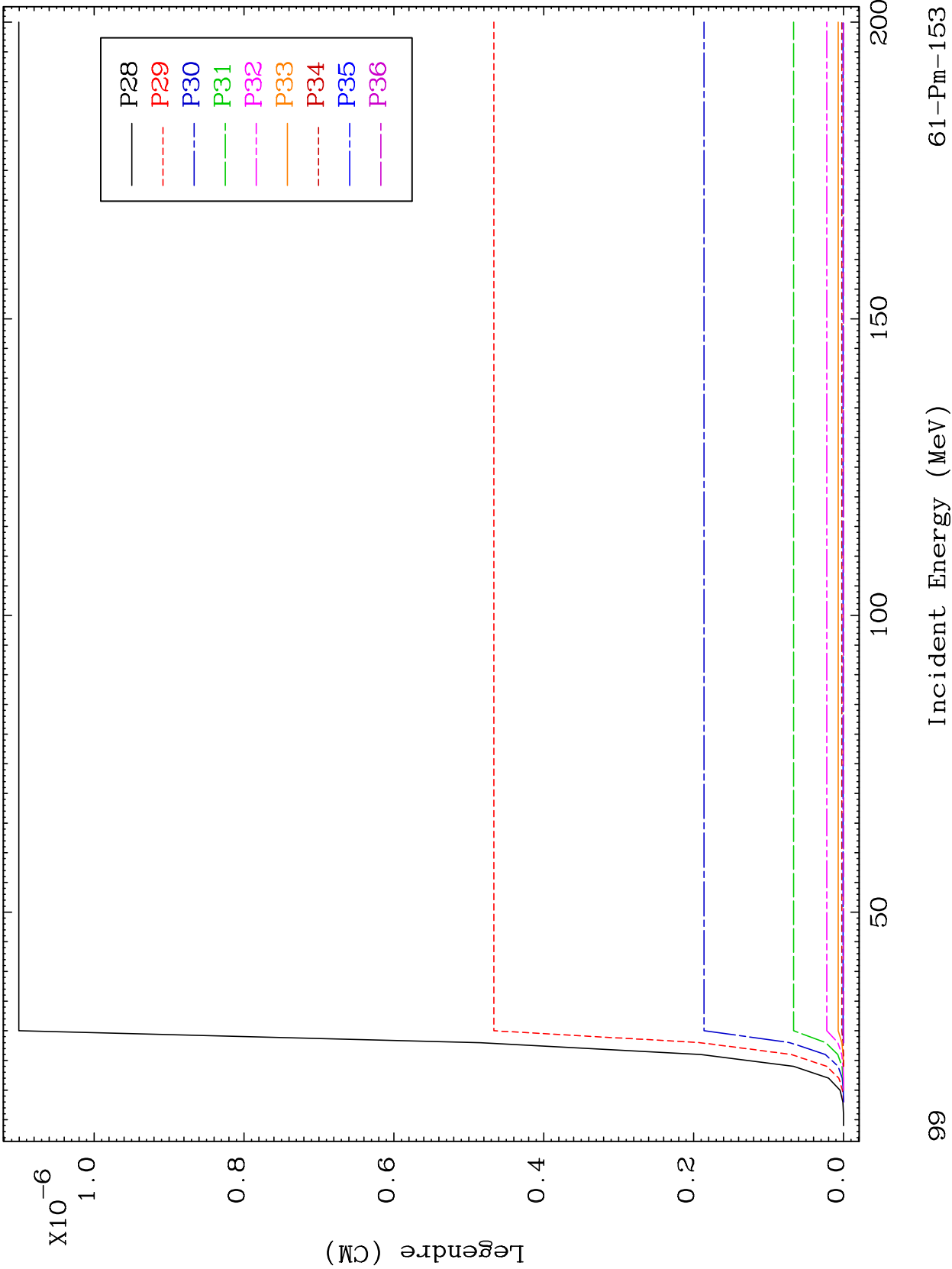
MAT 6167

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

61-Pm-153



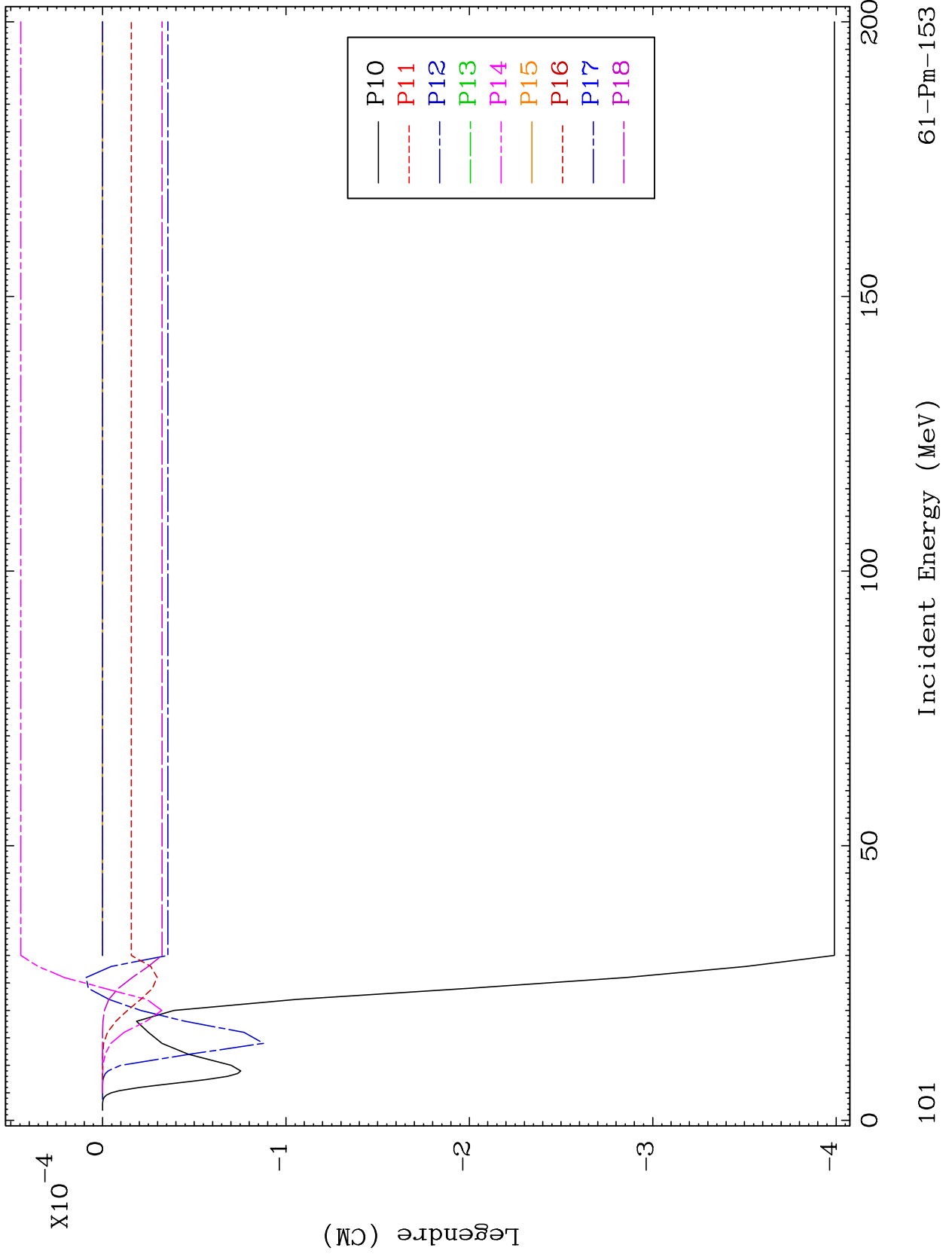




MAT 6167

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

61-Pm-153



101

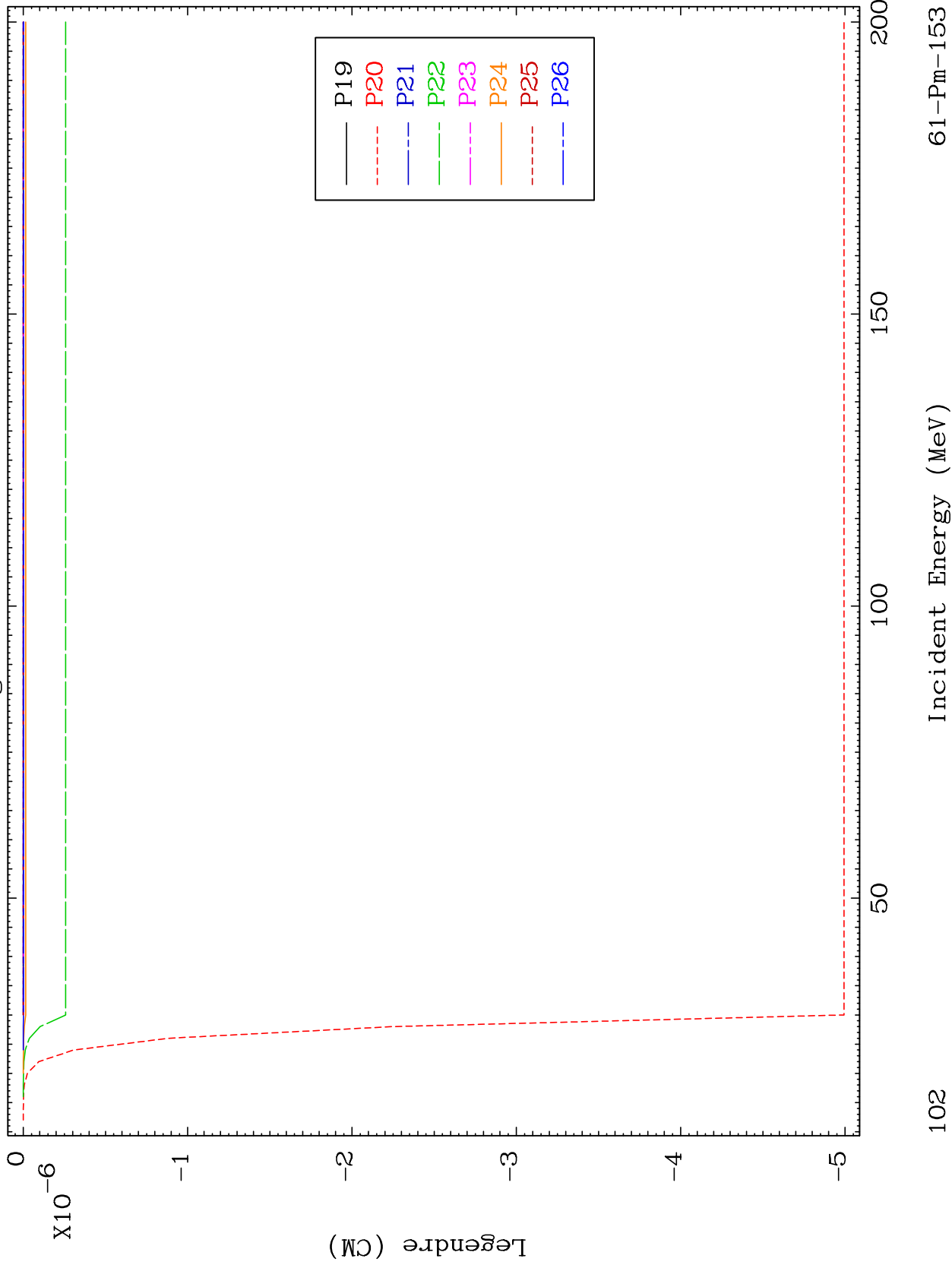
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



102

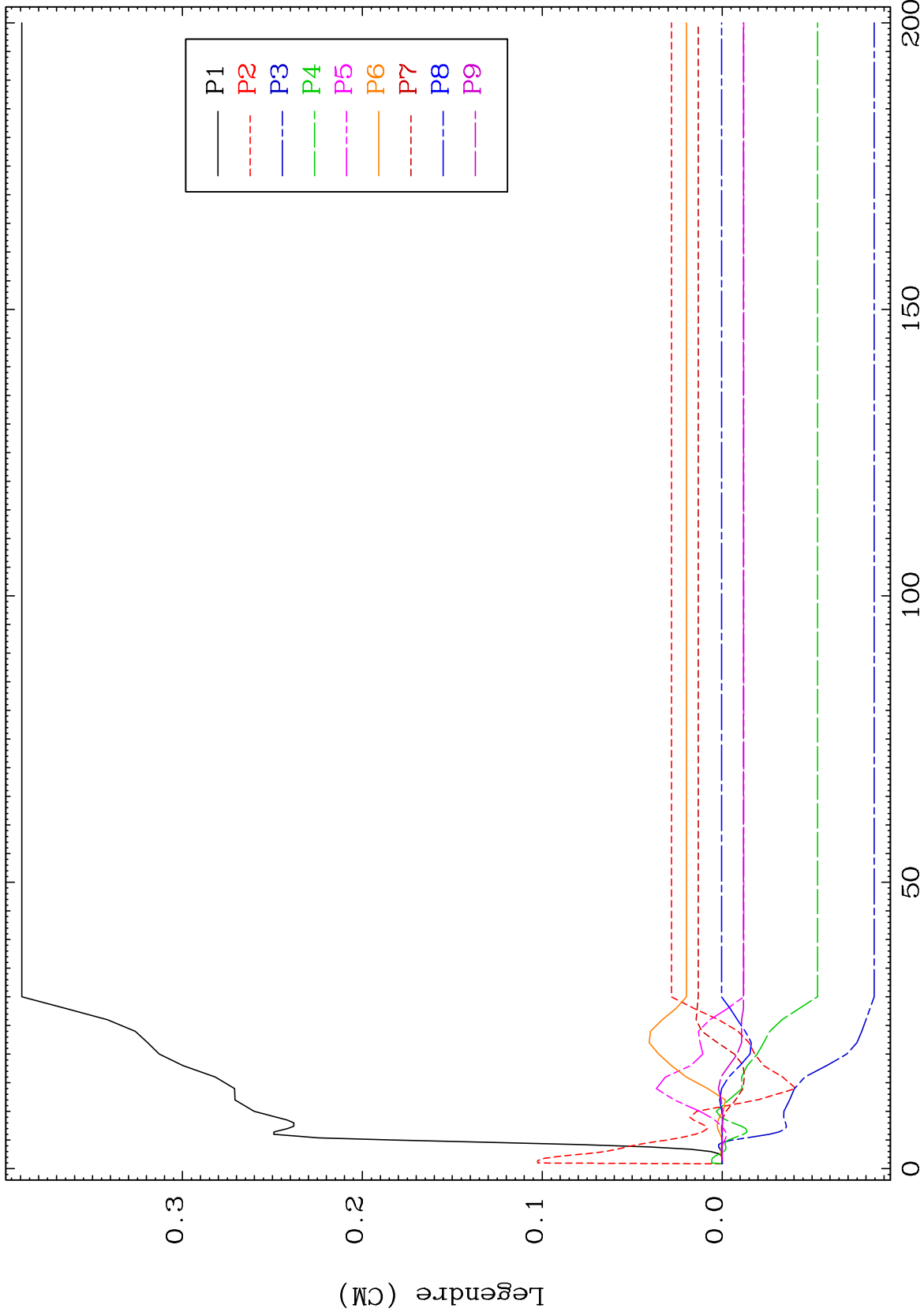
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



103

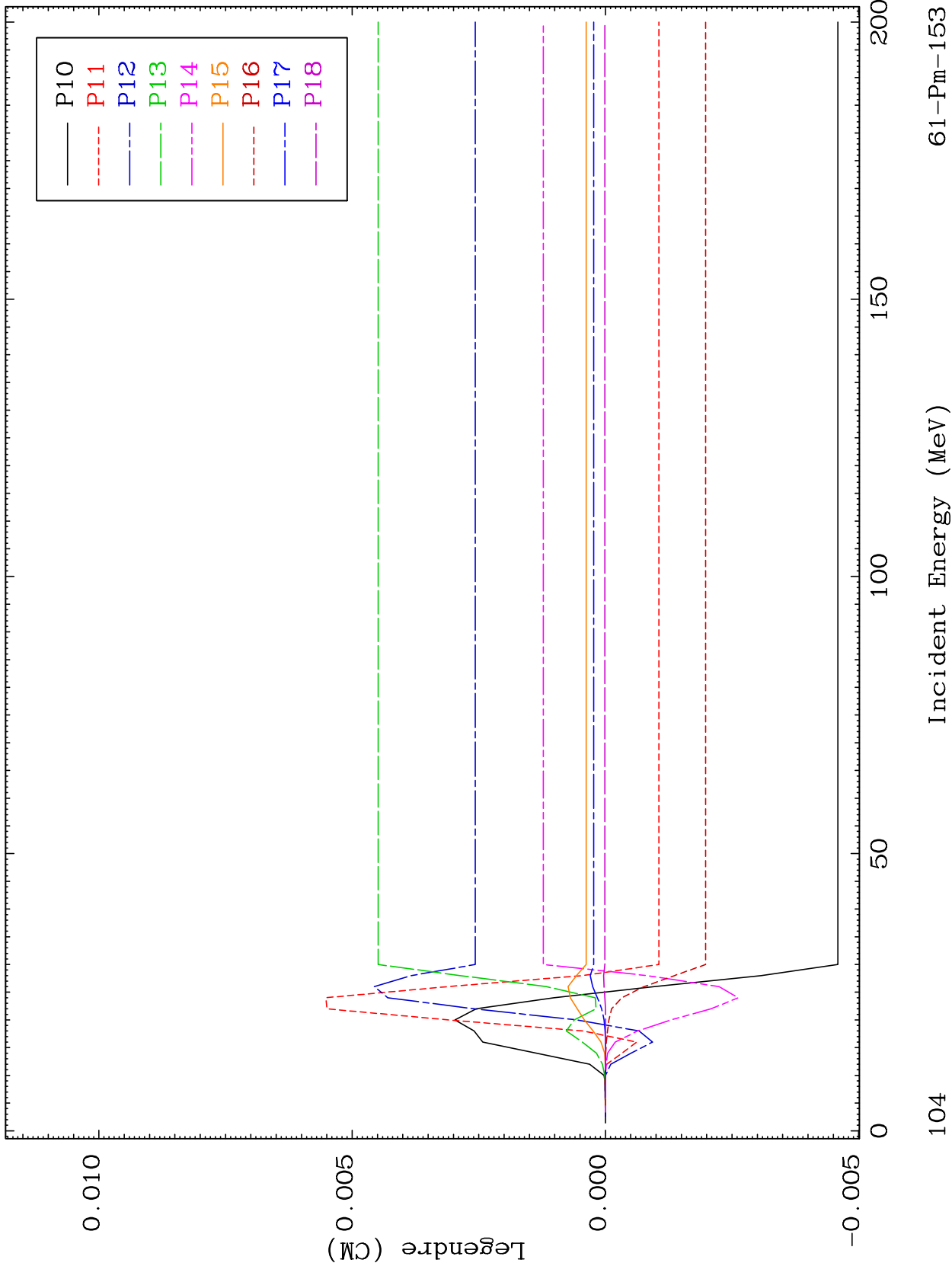
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



104

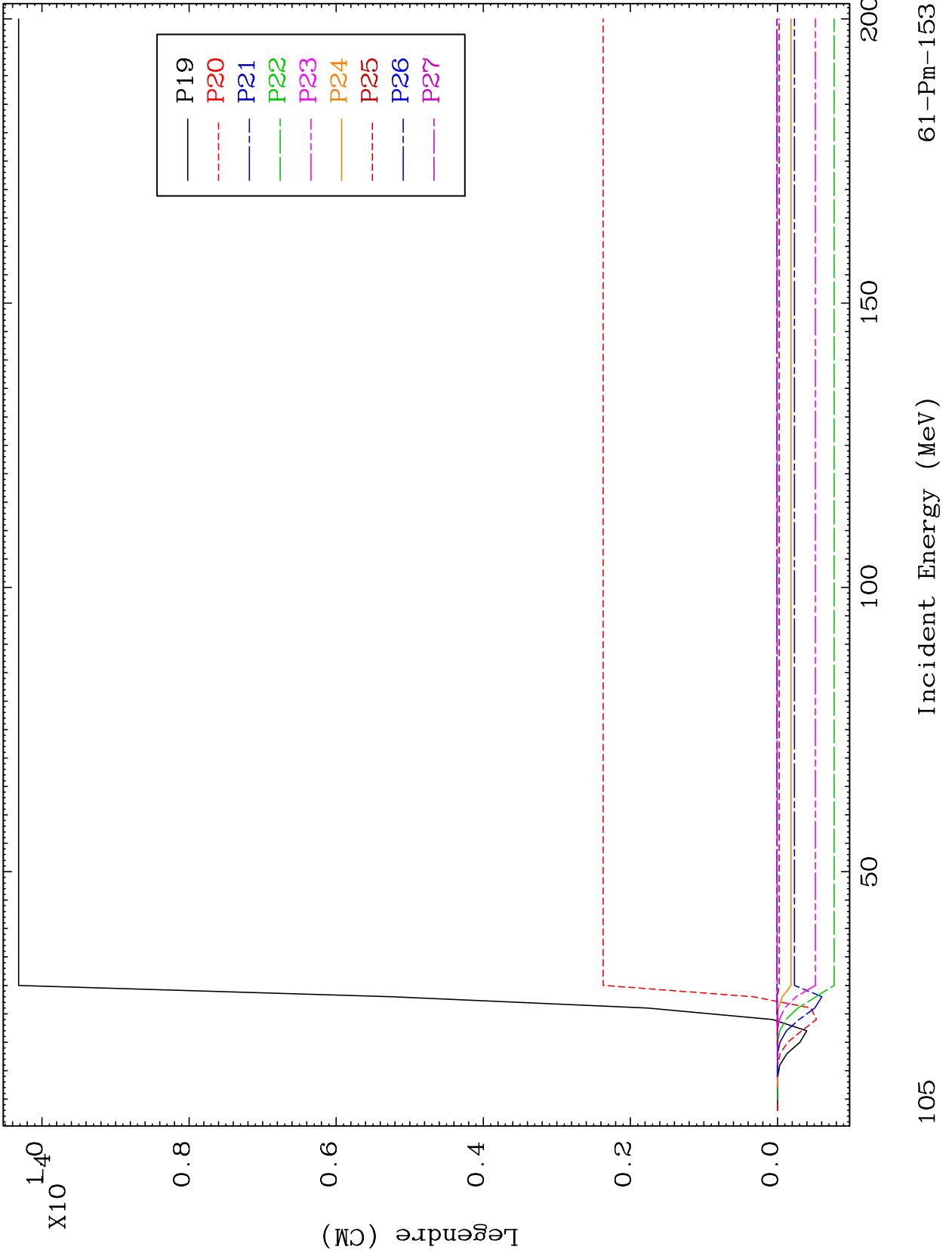
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



105

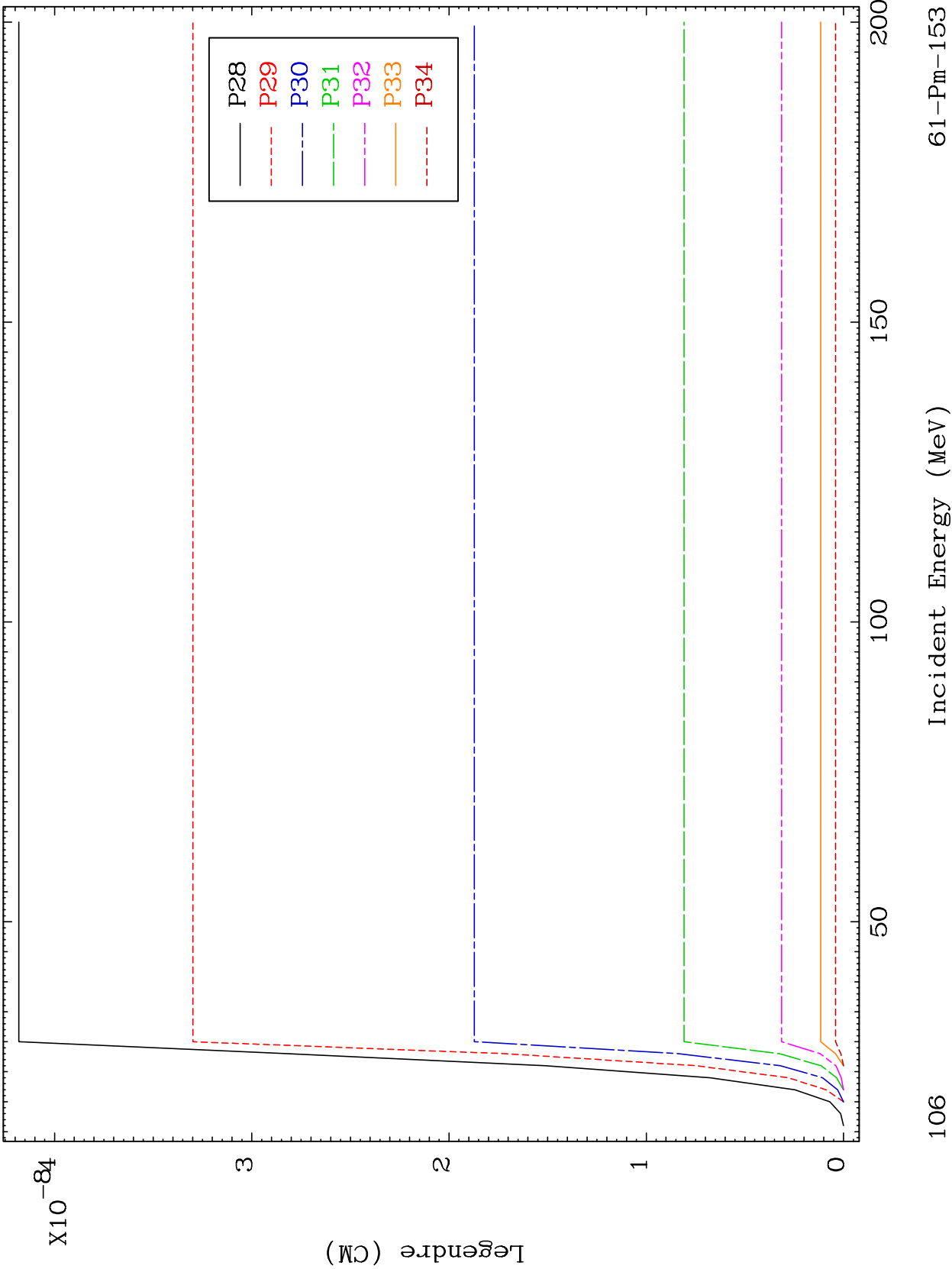
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



106

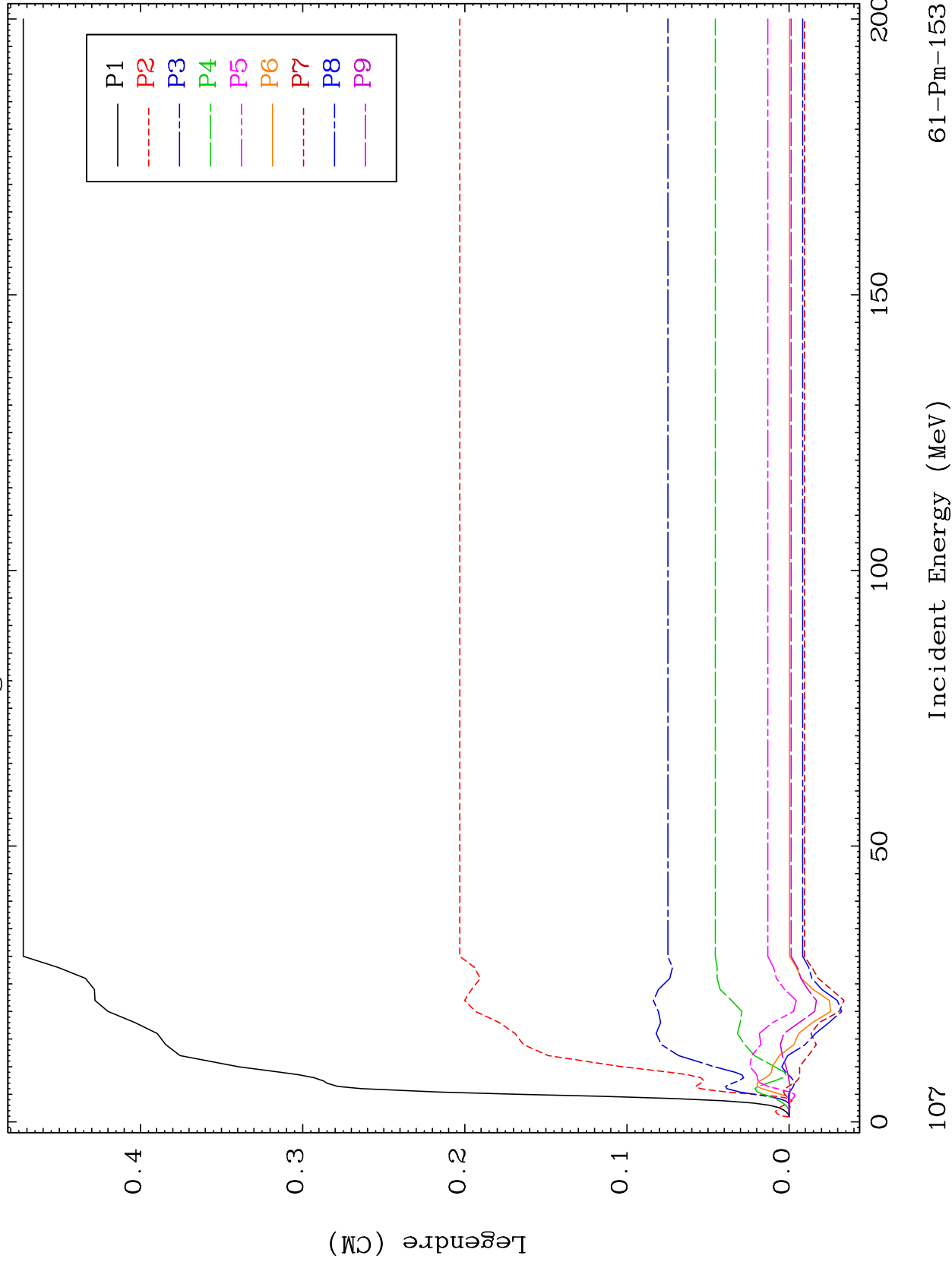
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



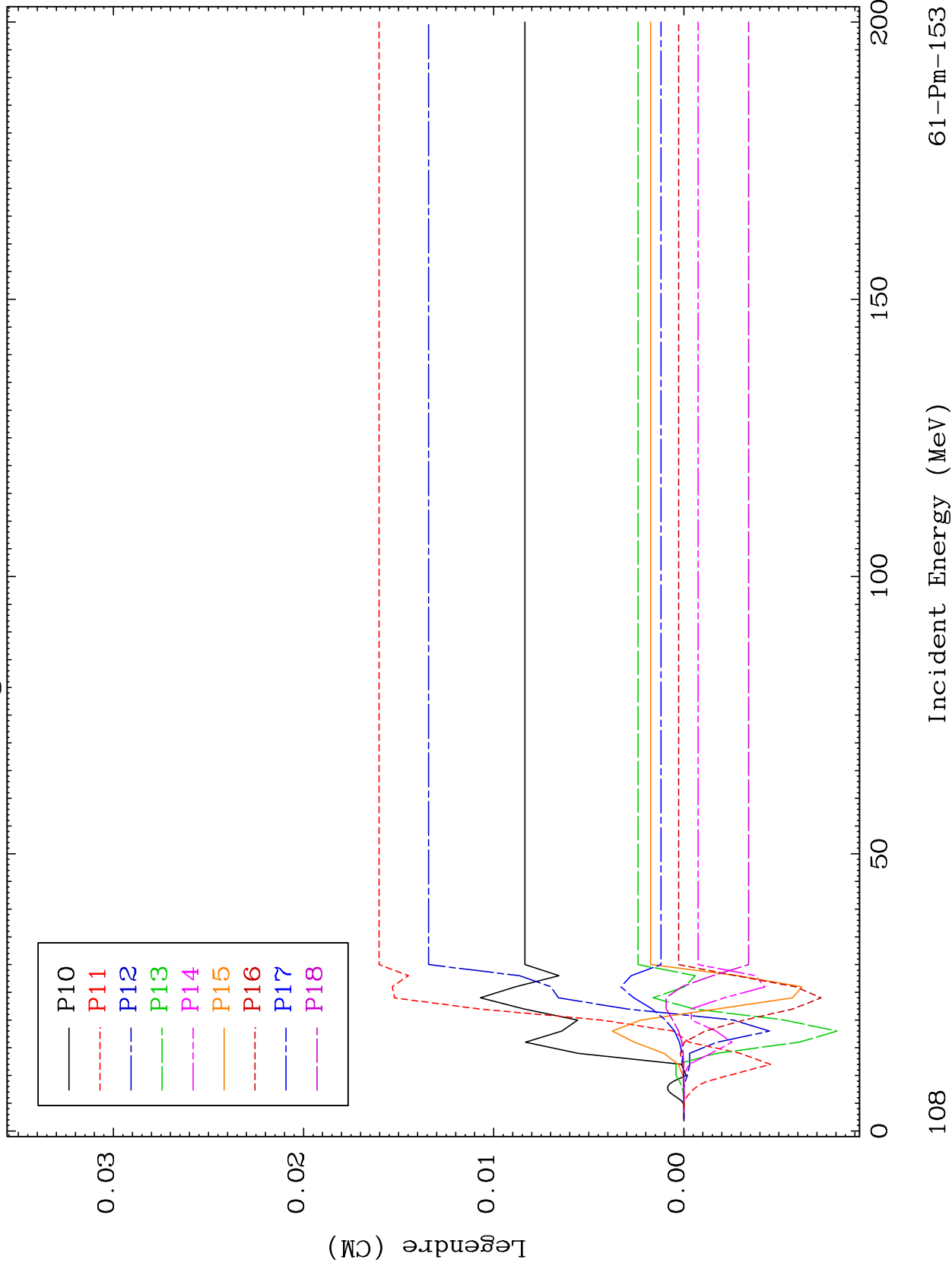
107

61-Pm-153

MAT 6167

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

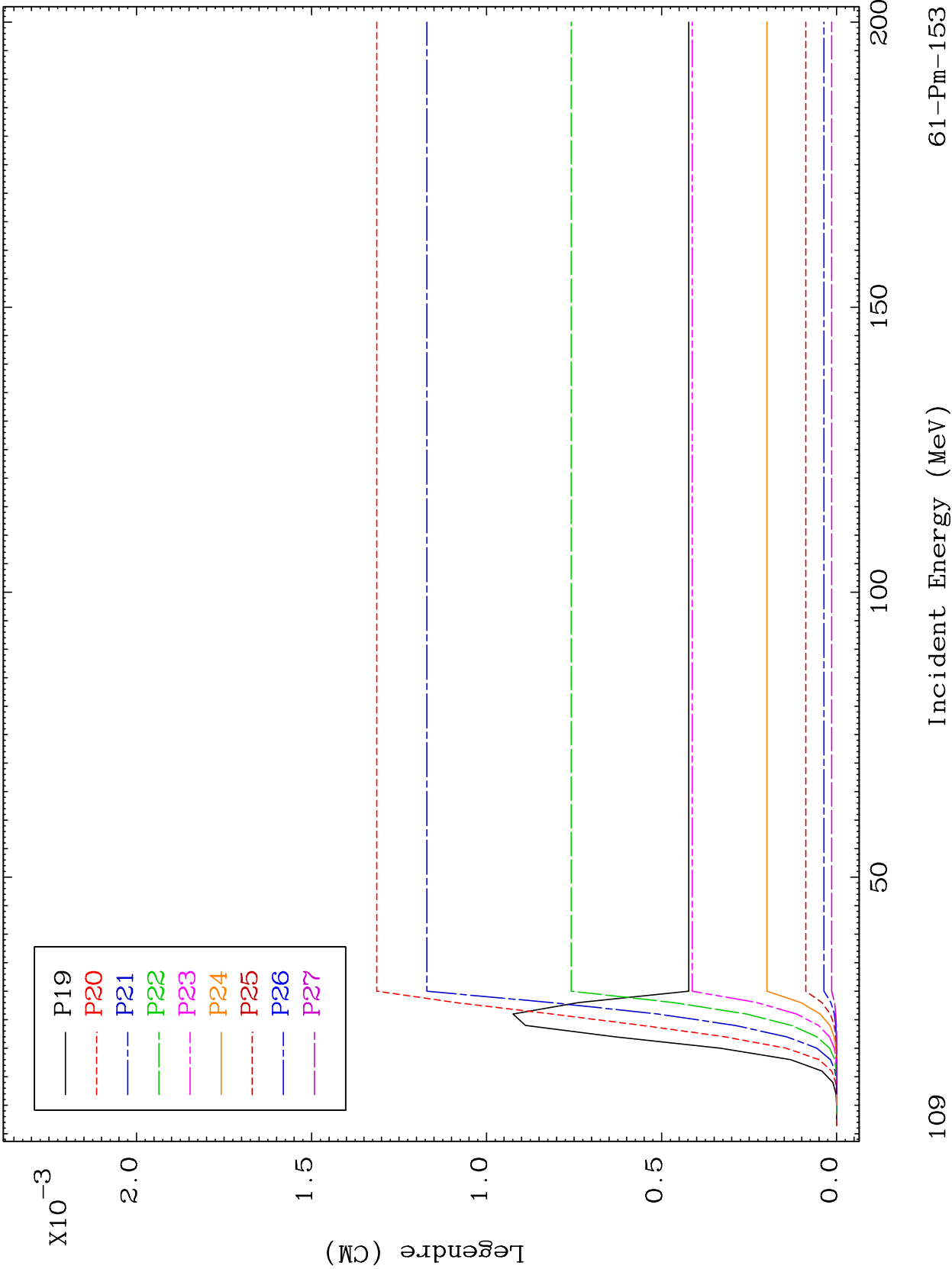
61-Pm-153



61-Pm-153

Incident Energy (MeV)

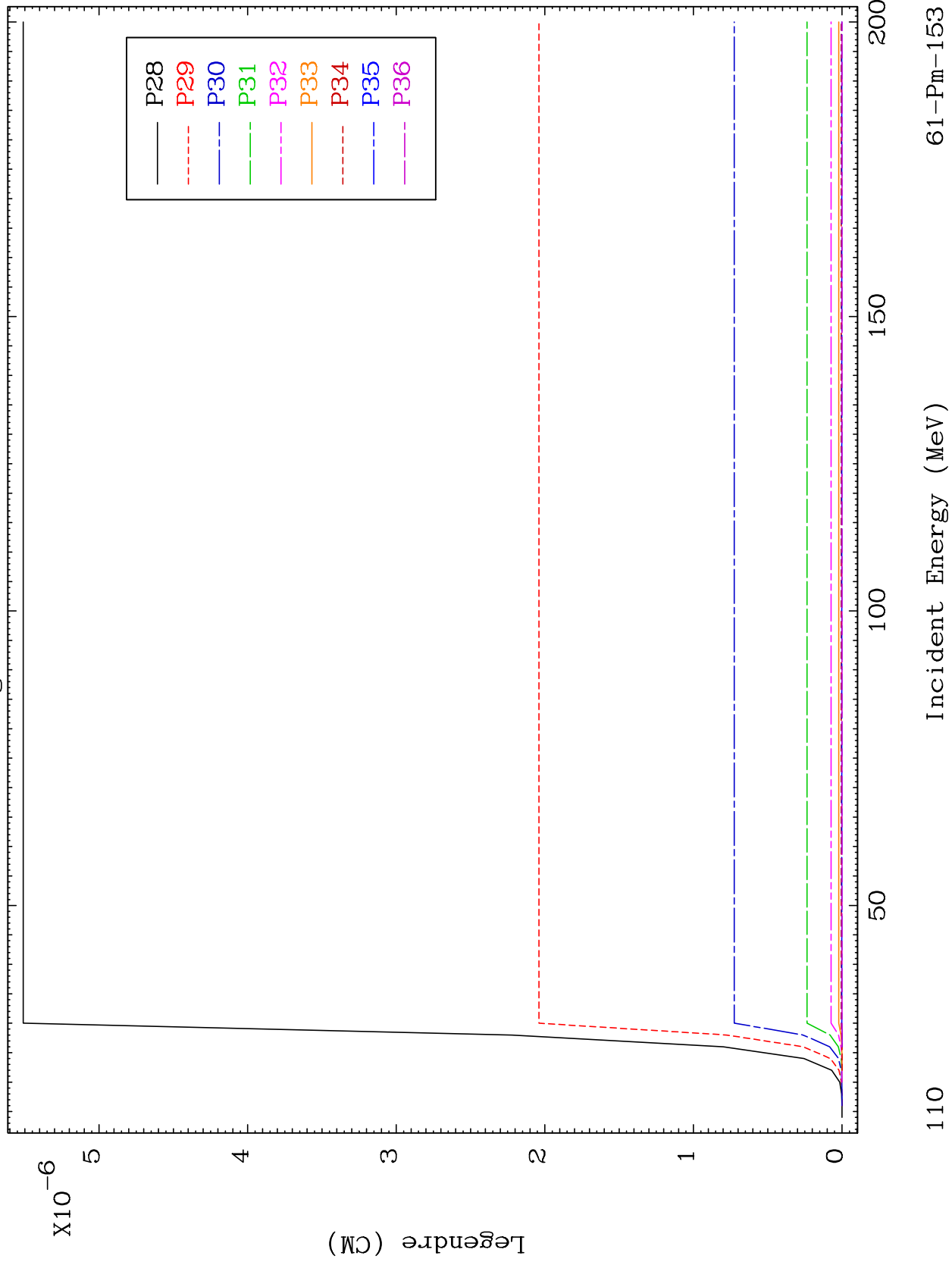
108



MAT 6167

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

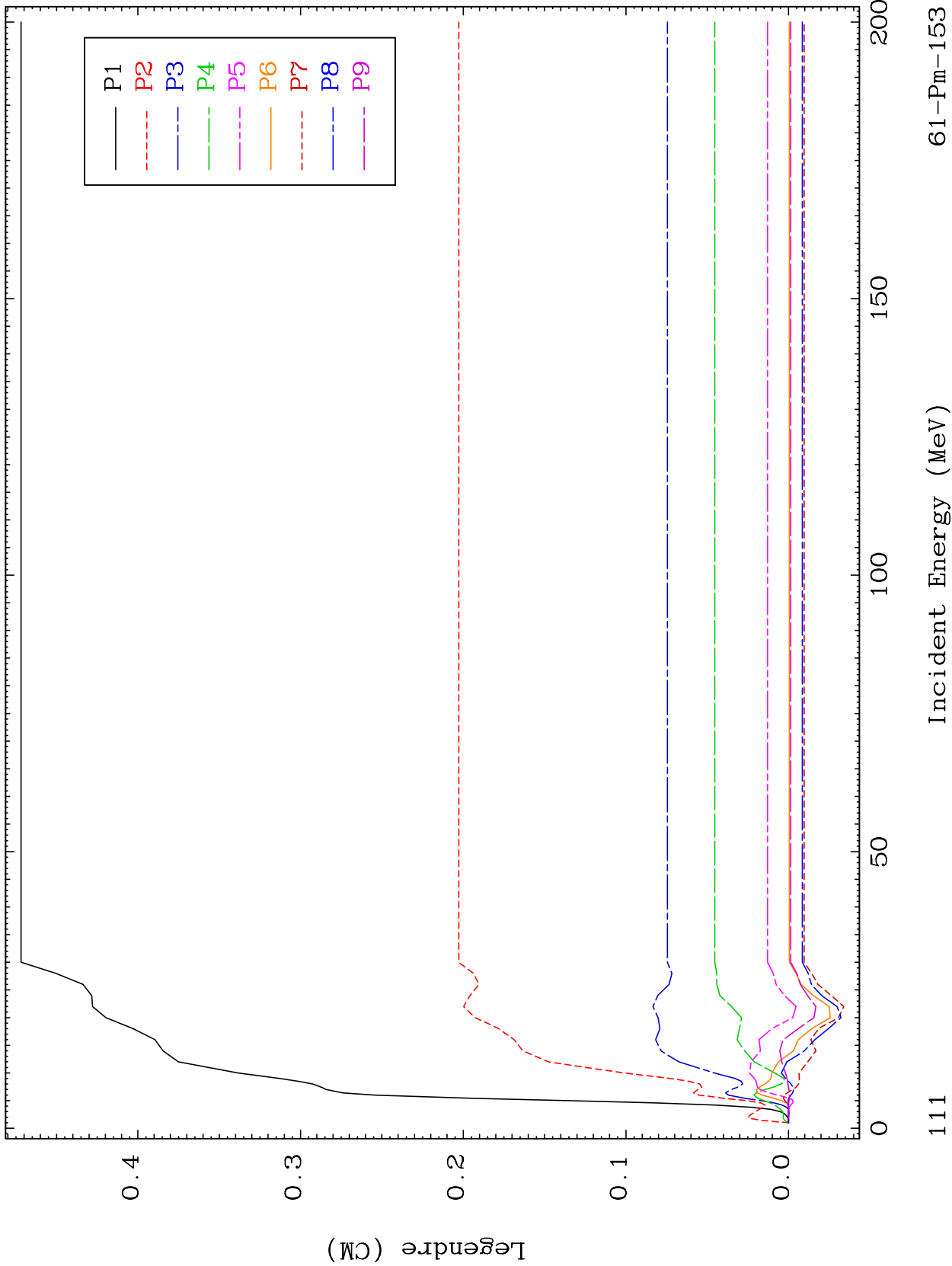
61-Pm-153



MAT 6167

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

61-Pm-153



111

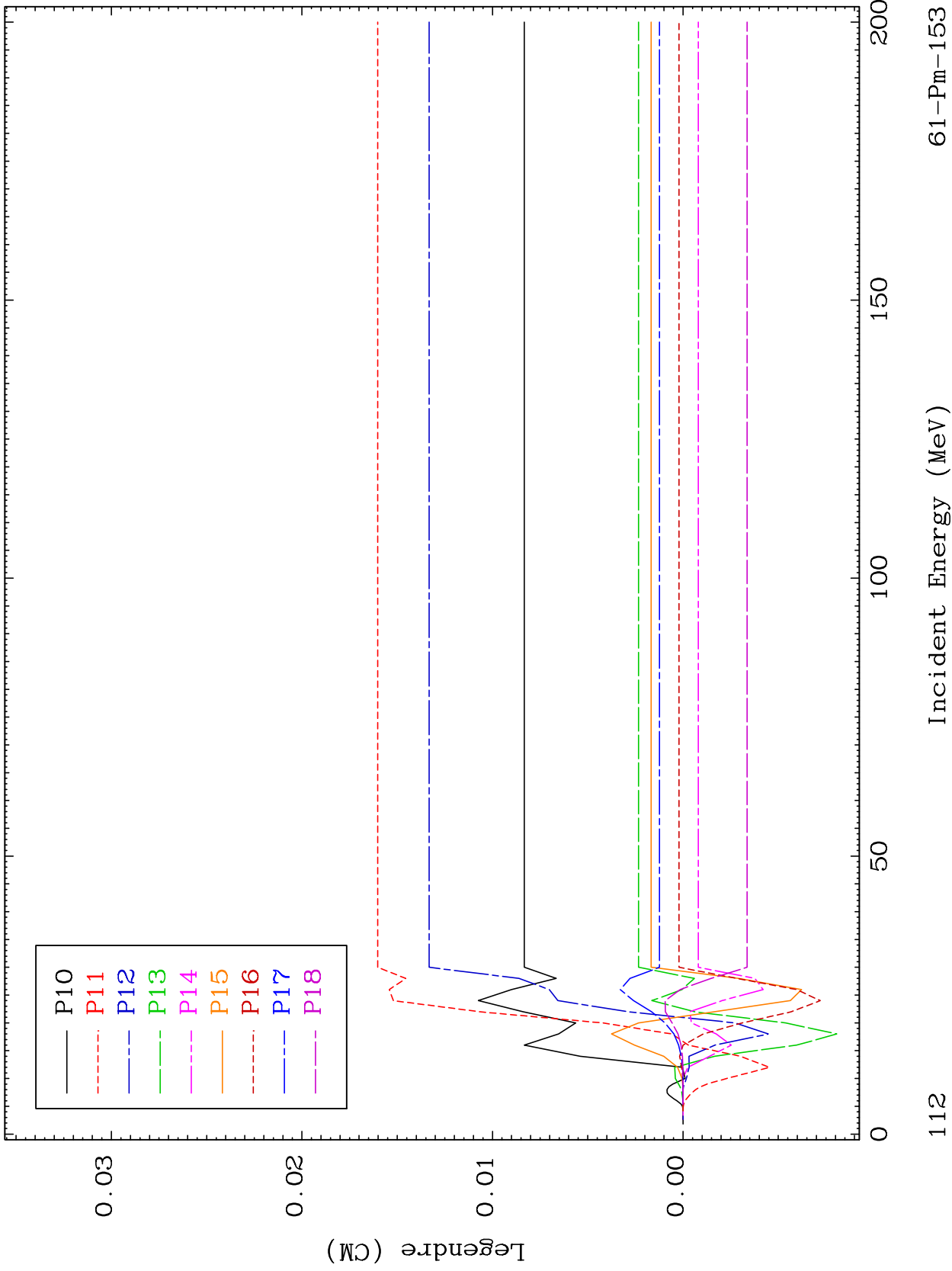
Incident Energy (MeV)

61-Pm-153

MAT 61677

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

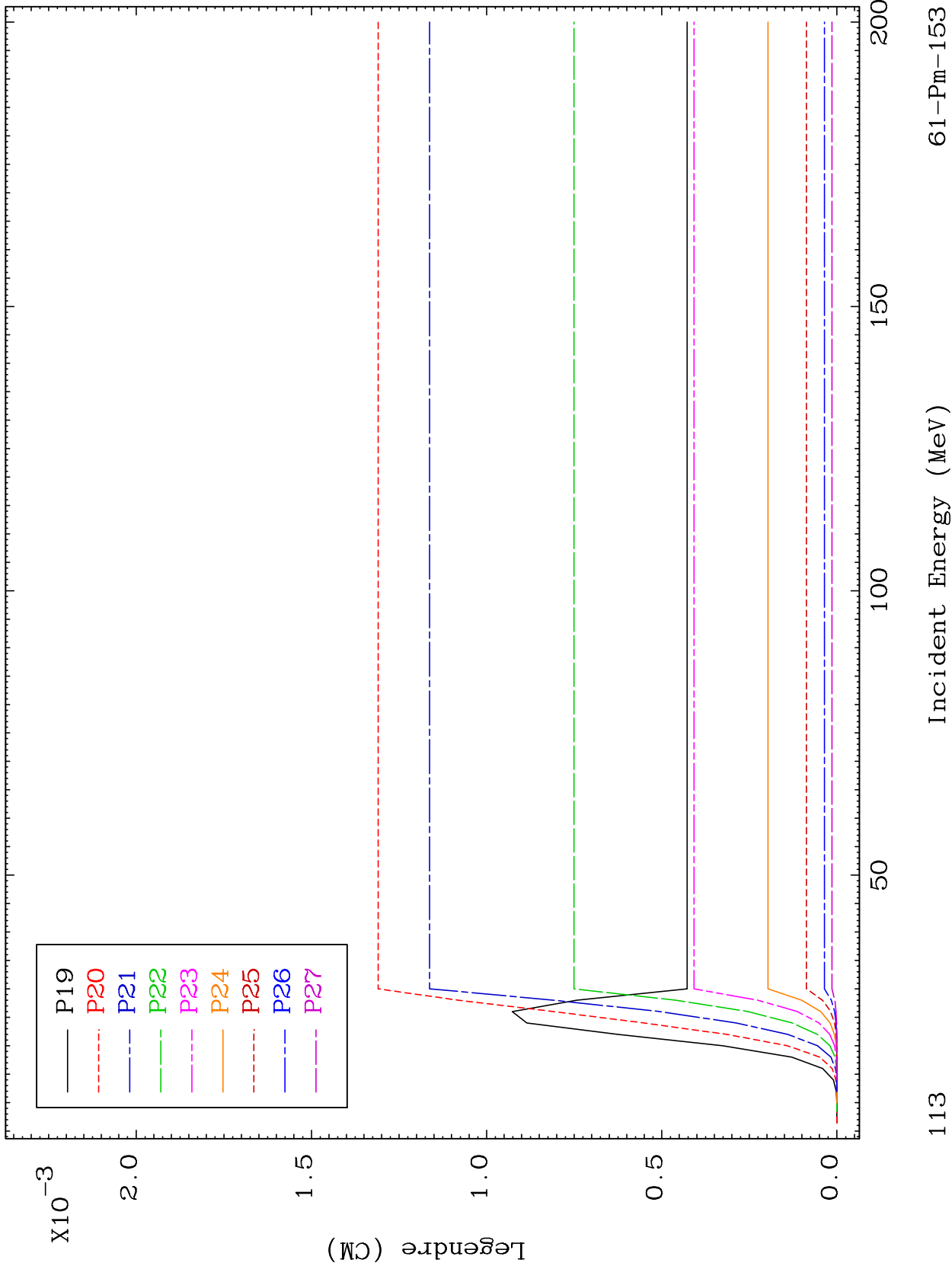
61-Pm-153



61-Pm-153

Incident Energy (MeV)

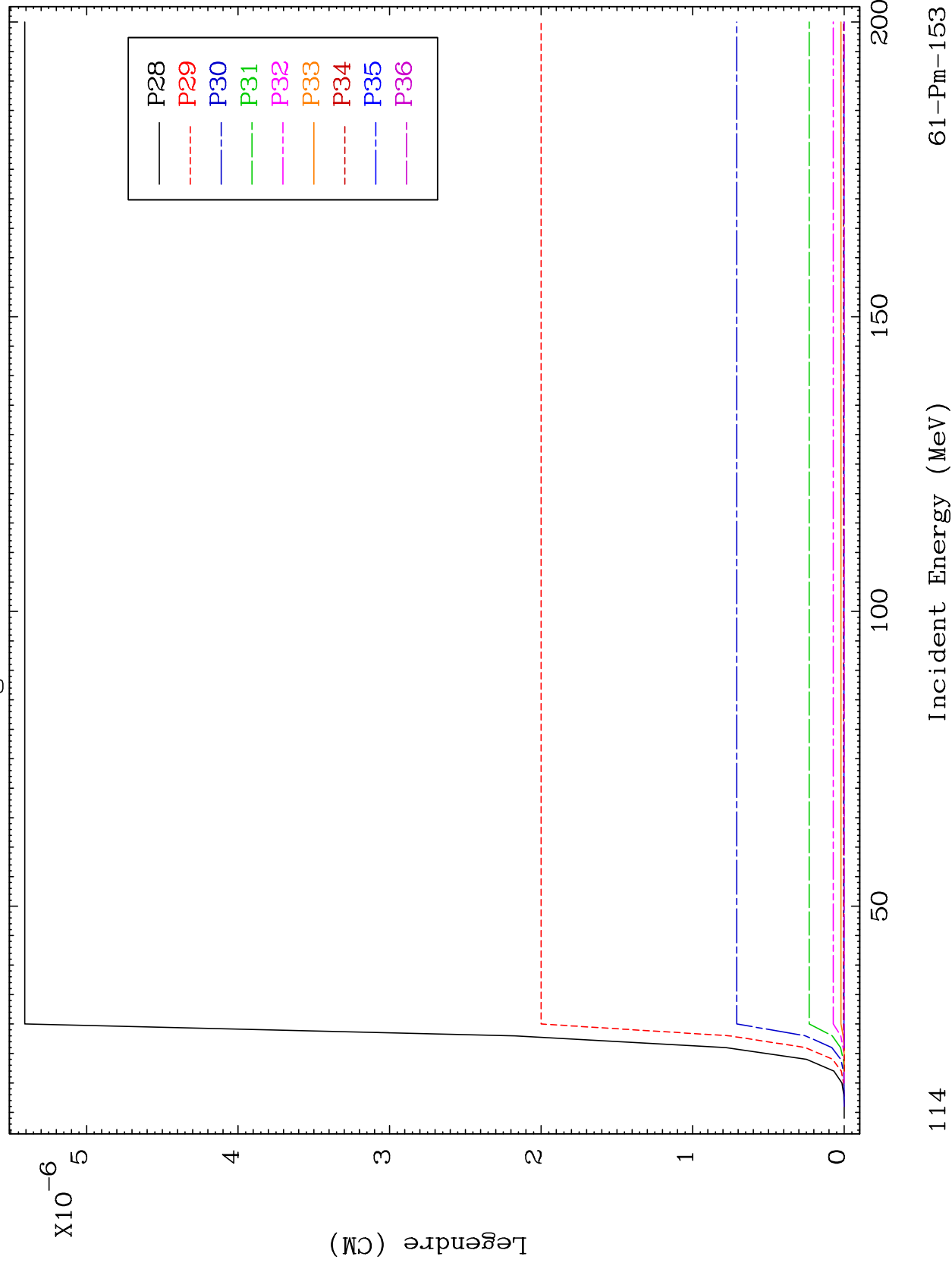
112



MAT 6167

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

61-Pm-153



114

Incident Energy (MeV)

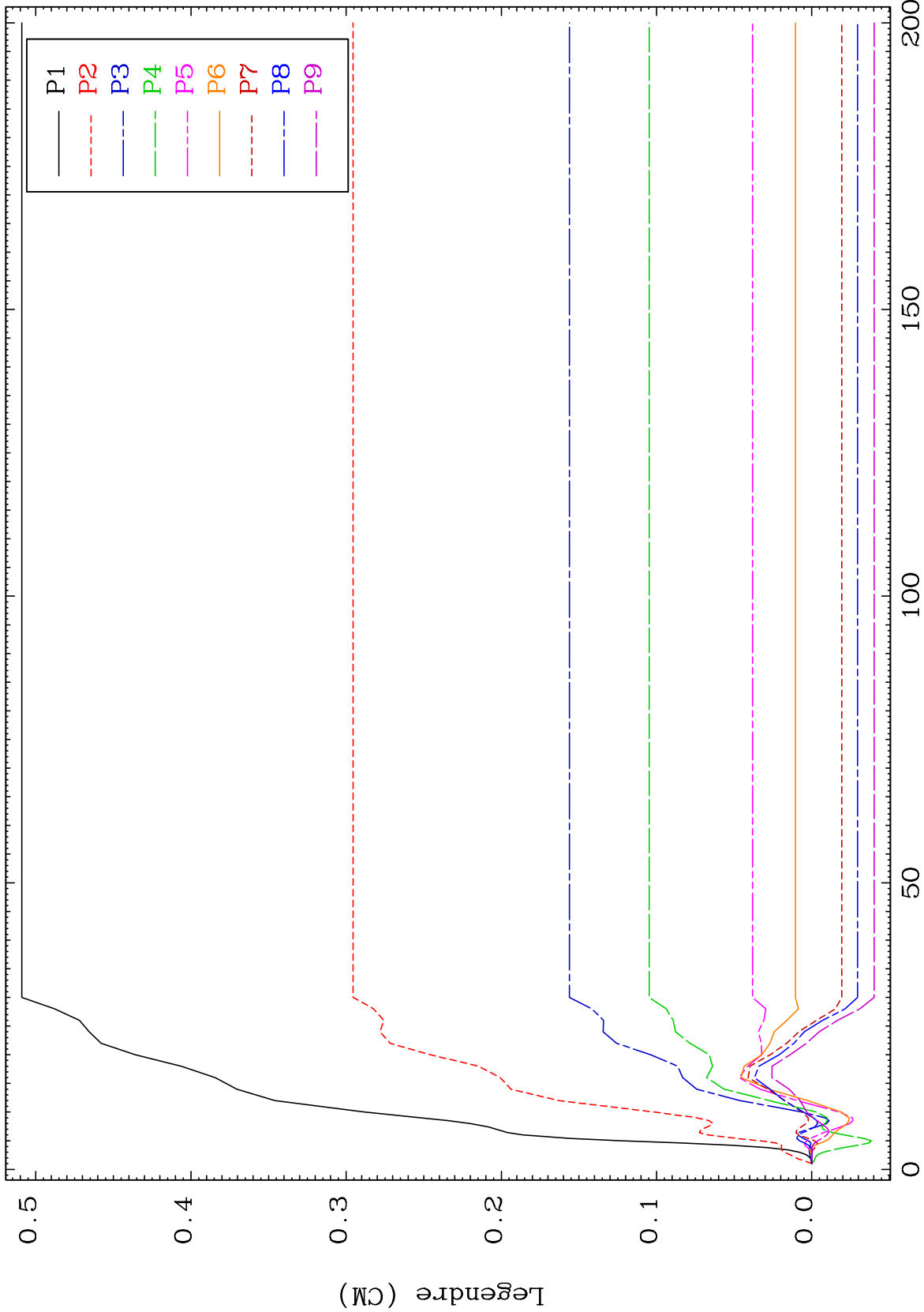
61-Pm-153

MAT 6167

MT= 75 (n,n') Level

61-Pm-153

Legendre Coefficients



115

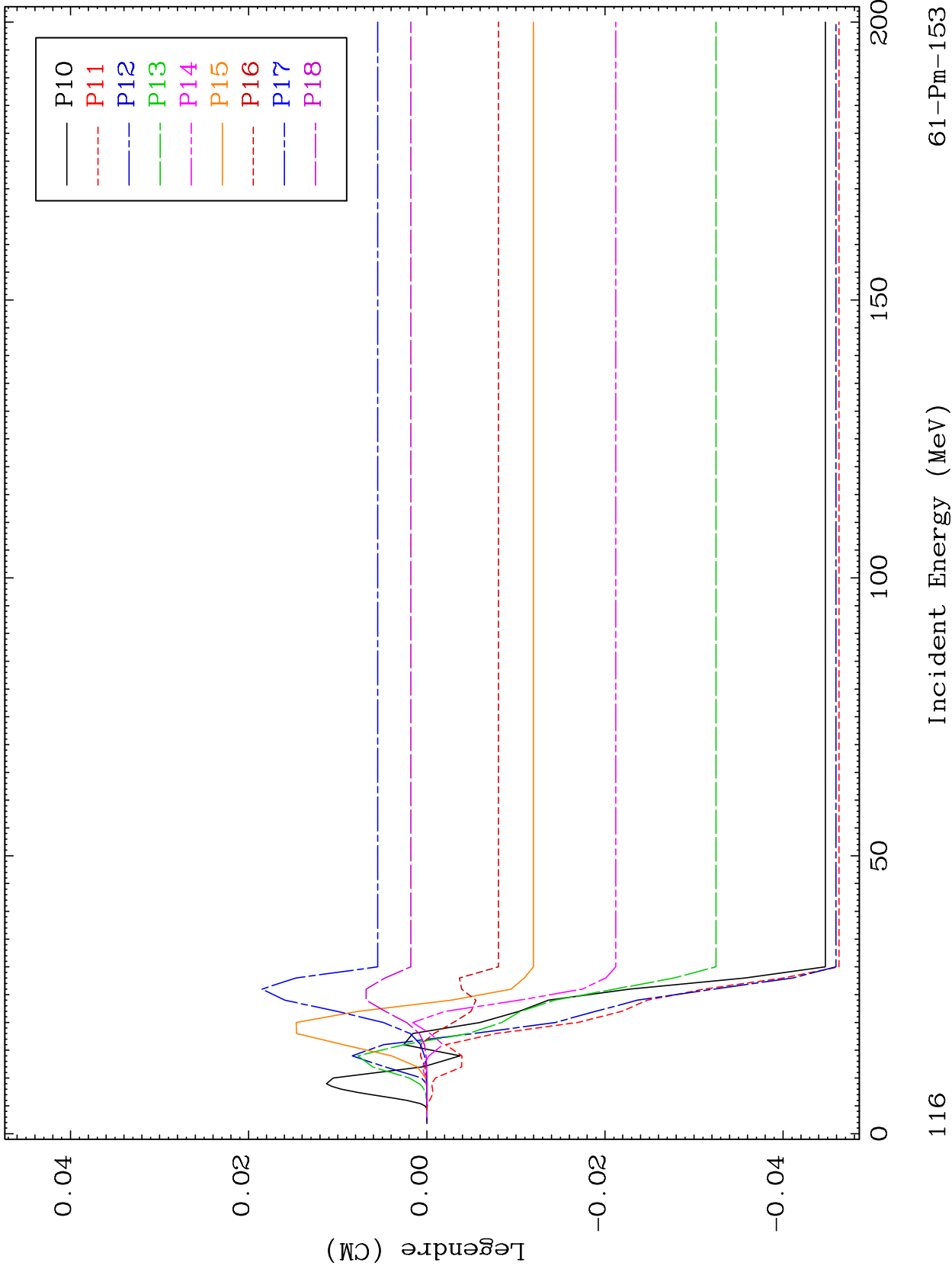
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

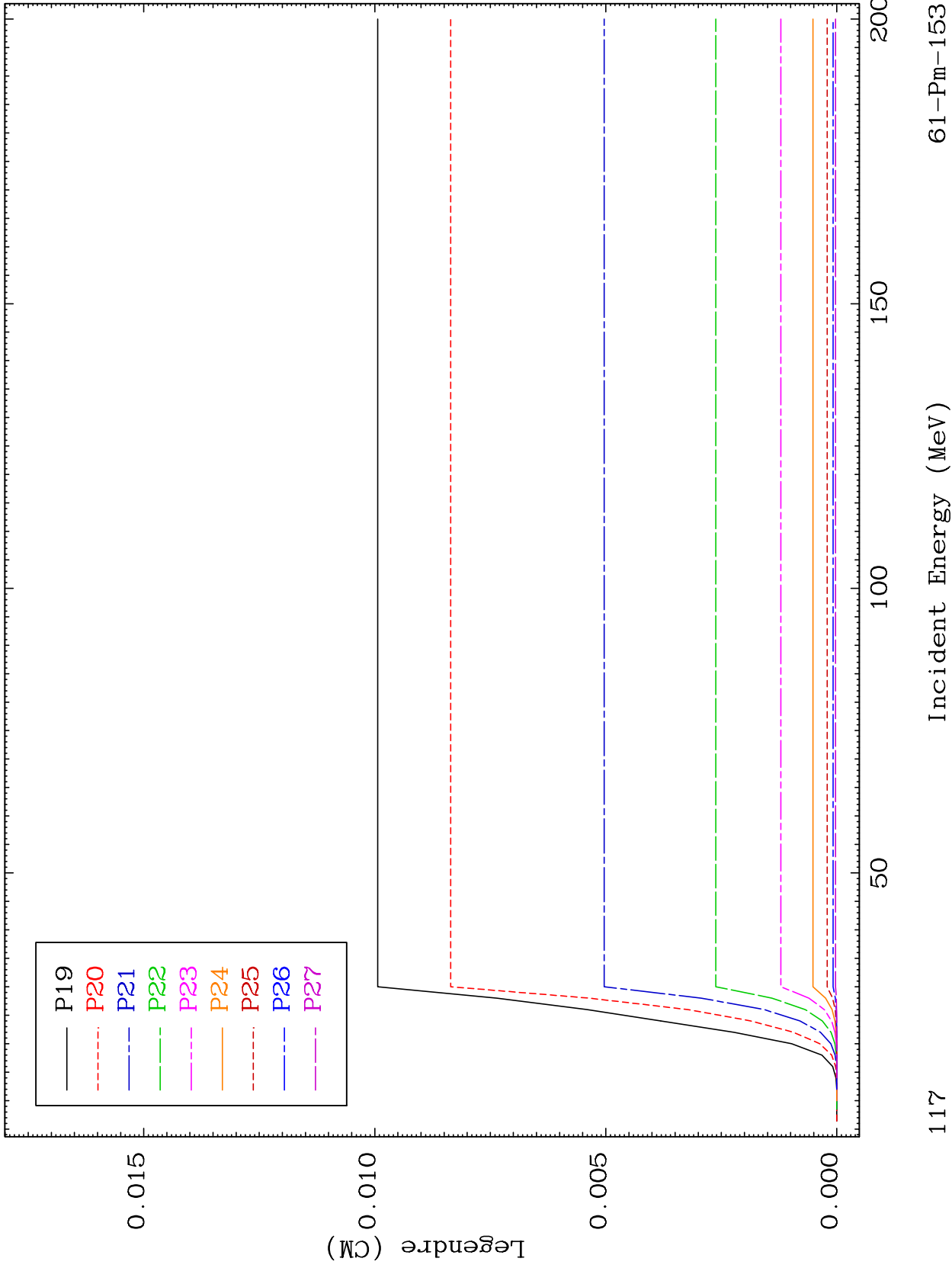
61-Pm-153



116

Incident Energy (MeV)

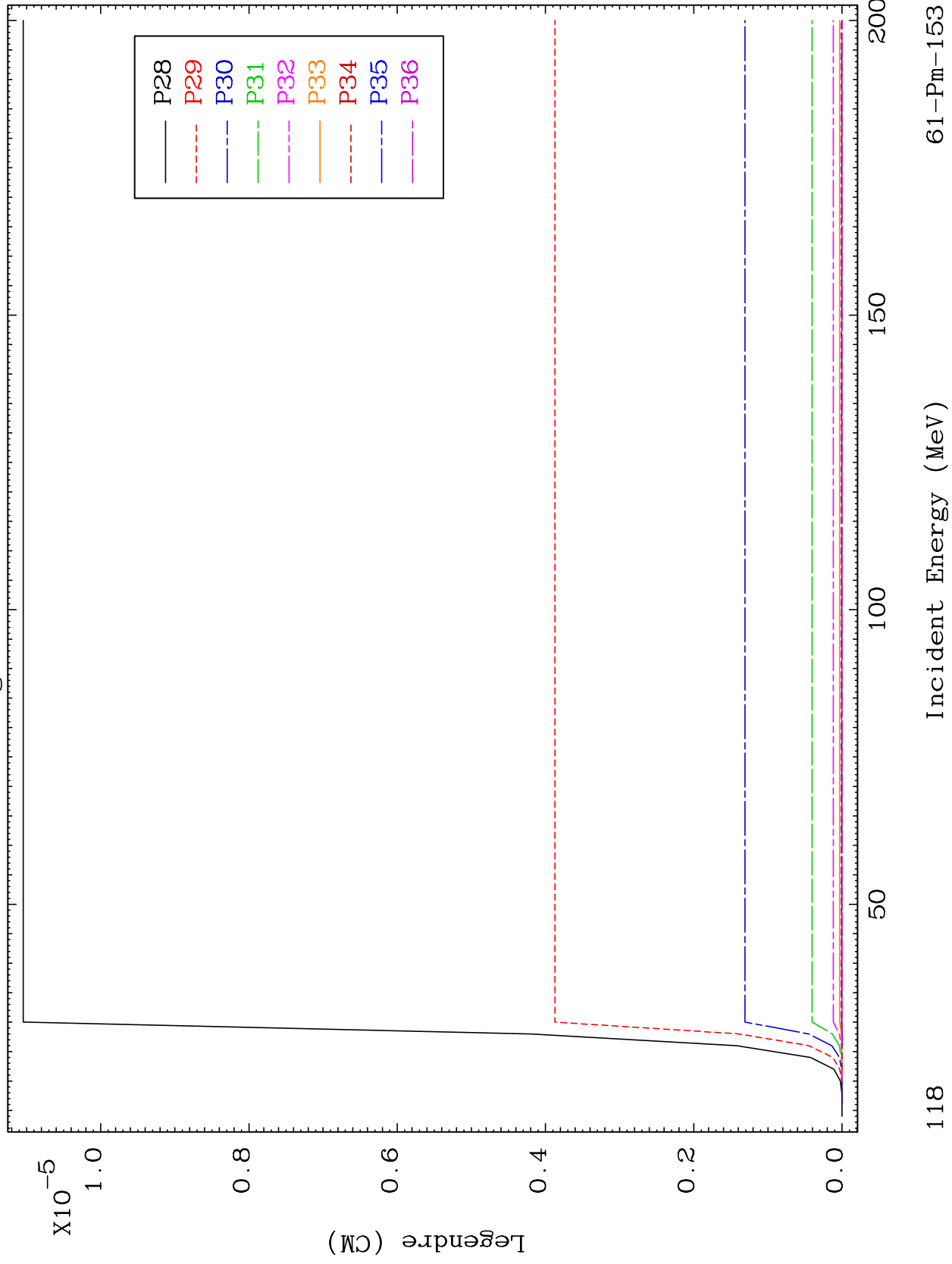
61-Pm-153



MAT 6167

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

61-Pm-153



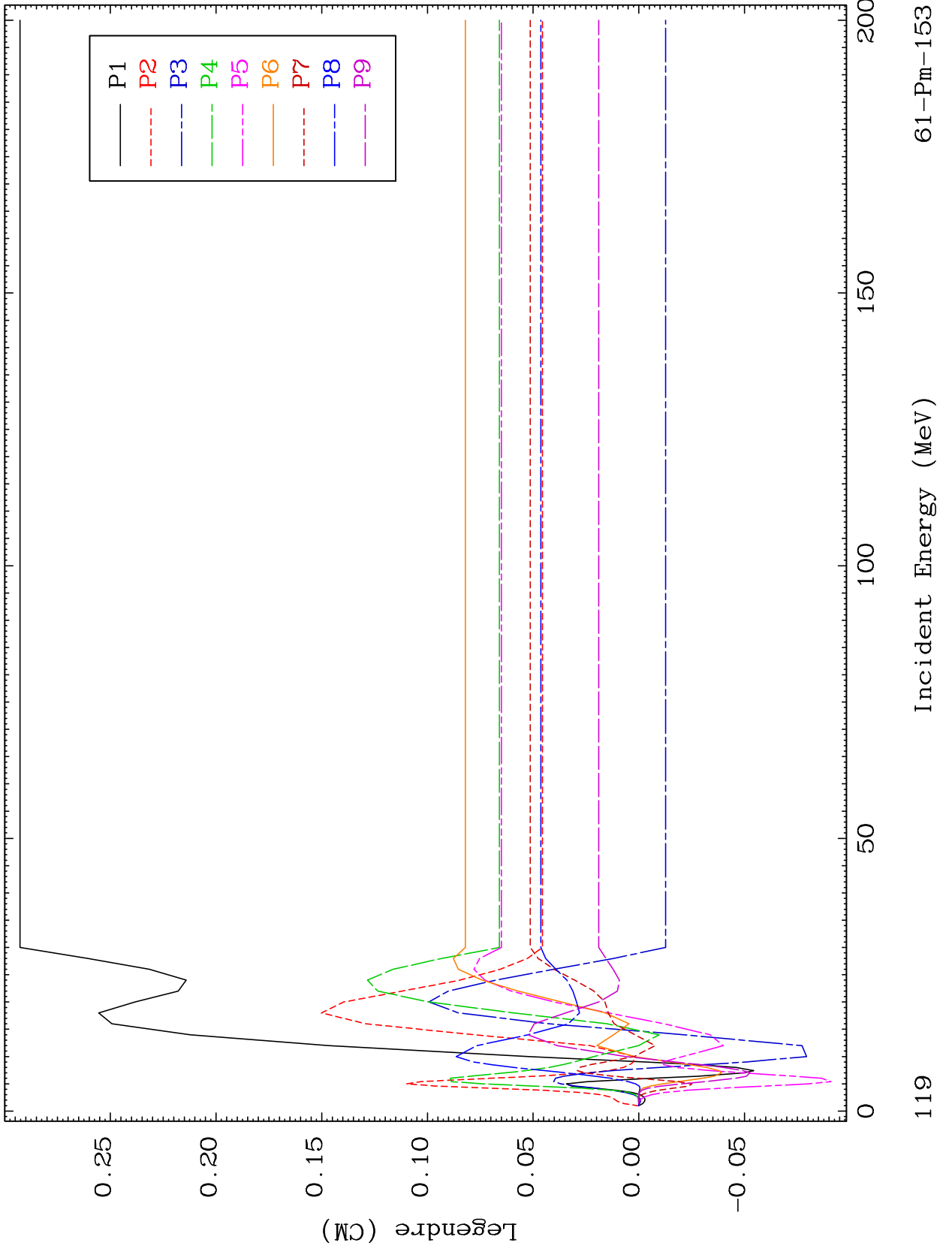
118

61-Pm-153

MAT 6167

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

61-Pm-153



61-Pm-153

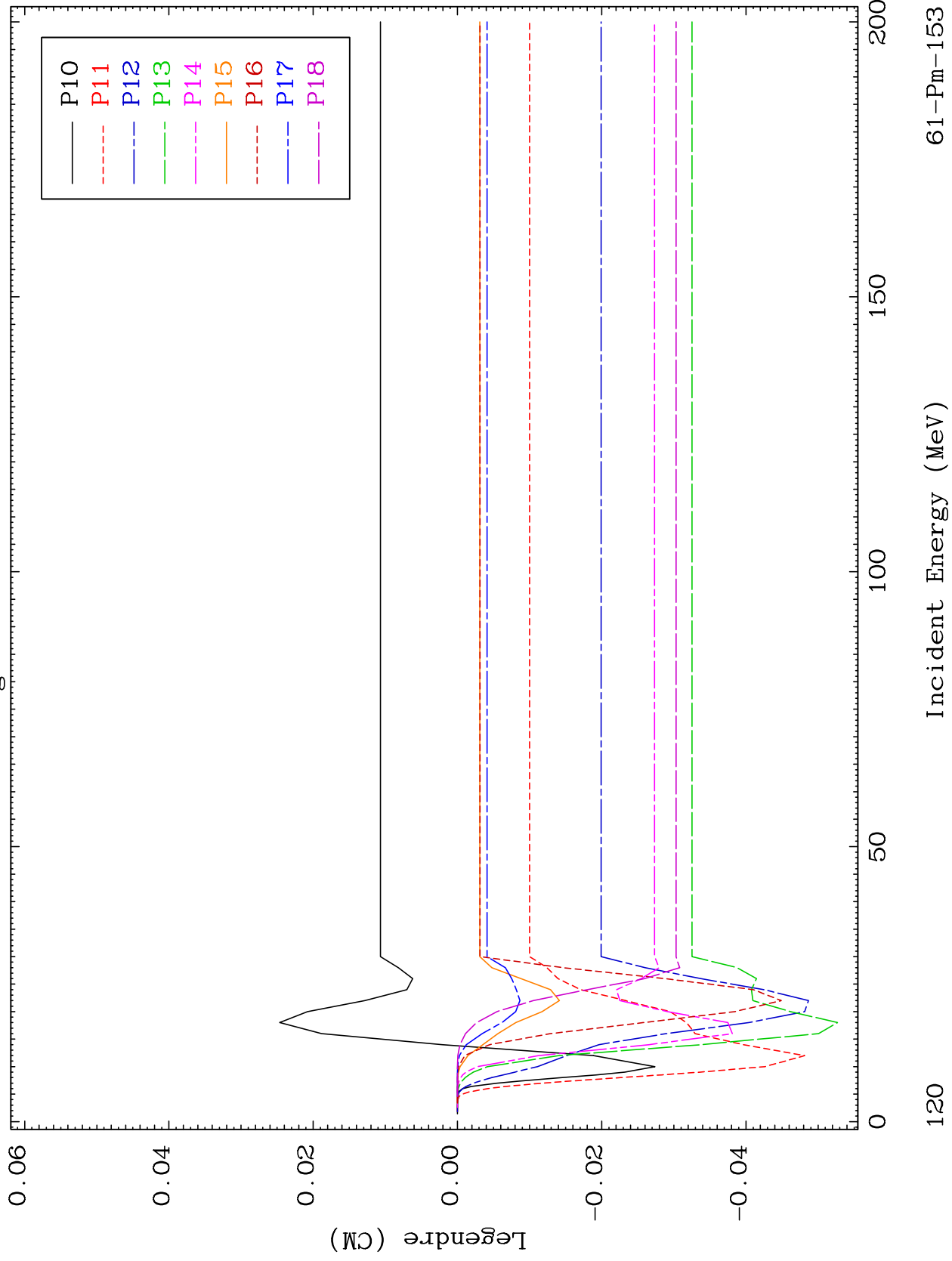
Incident Energy (MeV)

119

MAT 6167

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

61-Pm-153



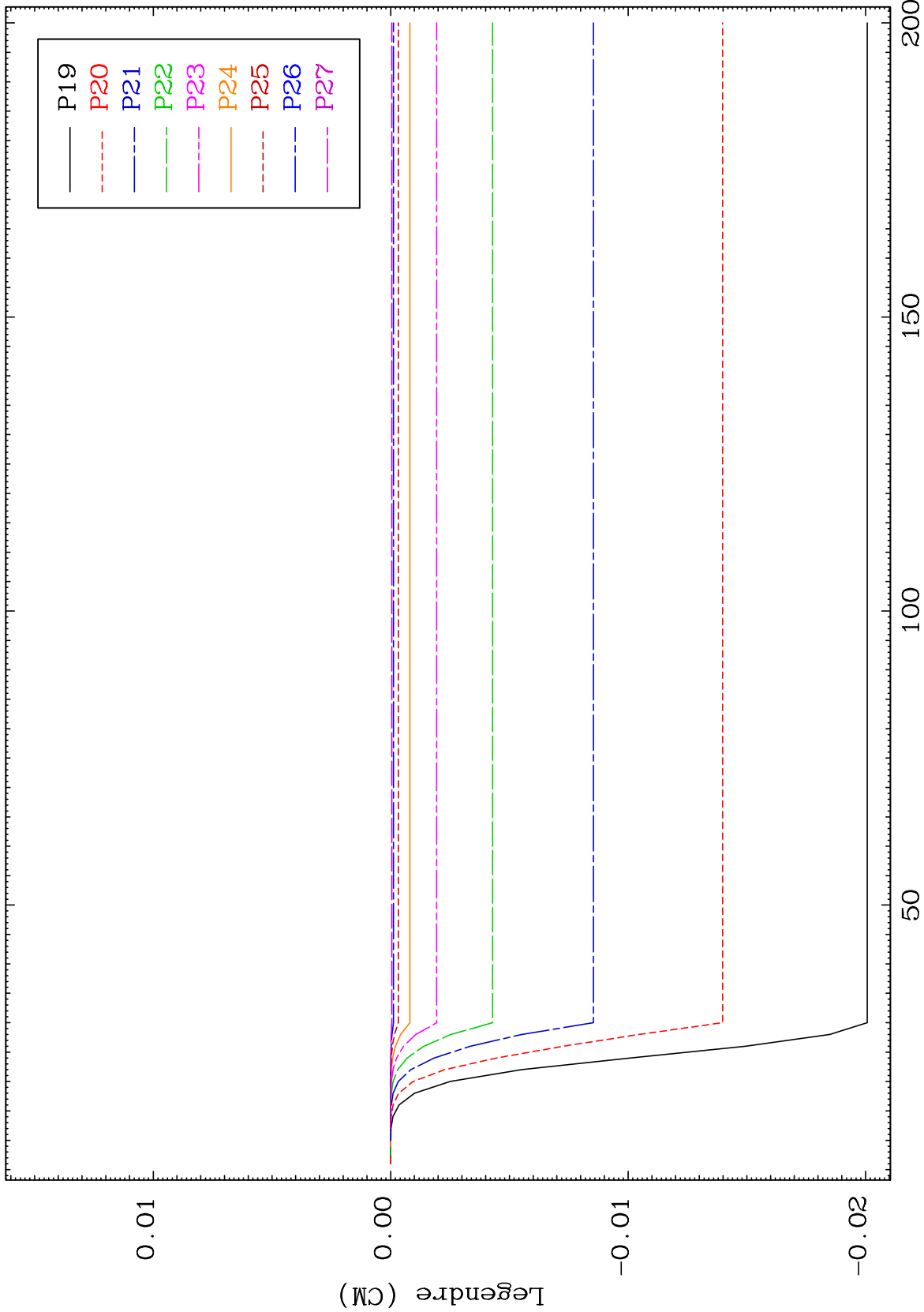
61-Pm-153

Incident Energy (MeV)

MAT 6167

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

61-Pm-153



121

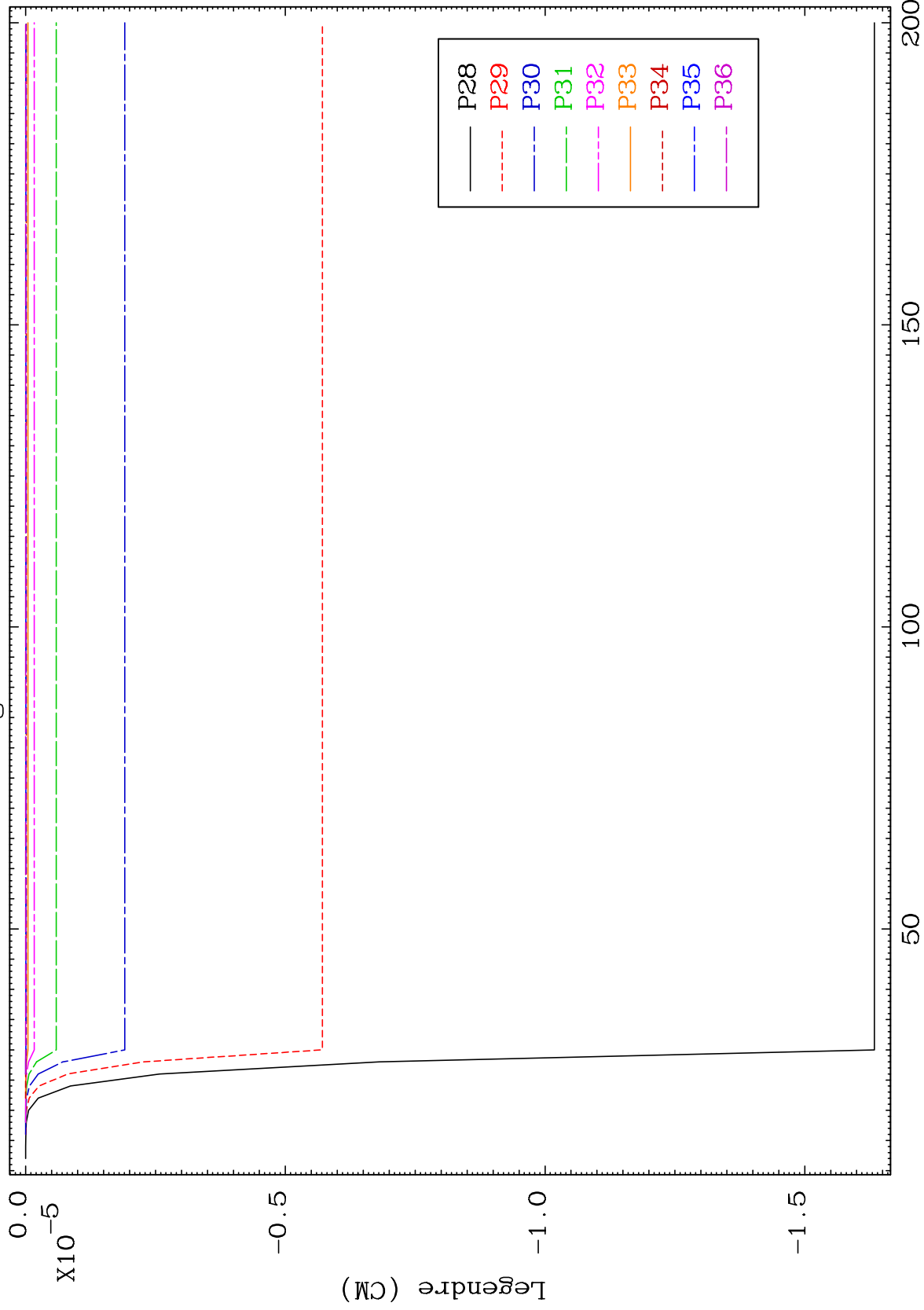
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



122

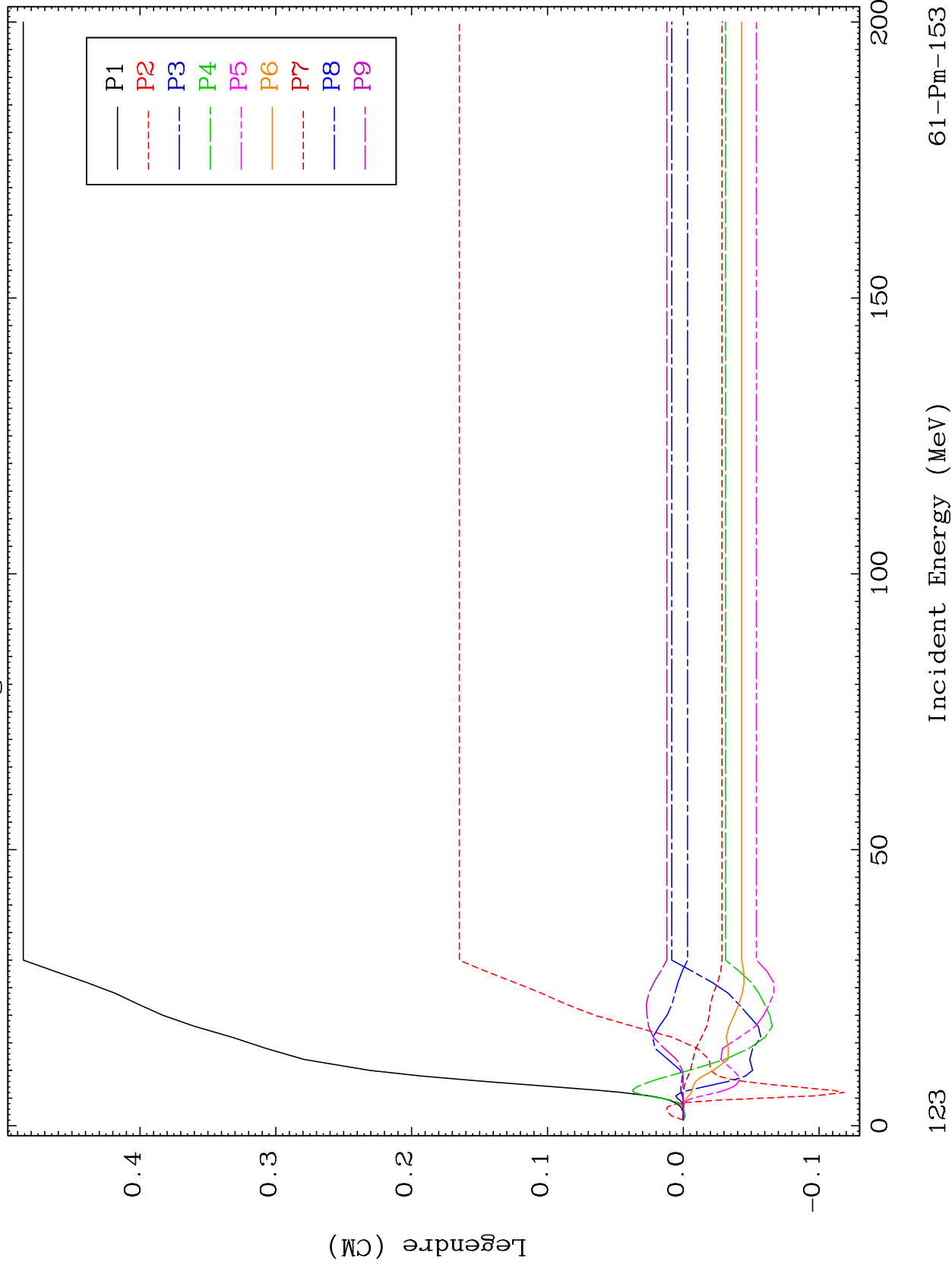
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



123

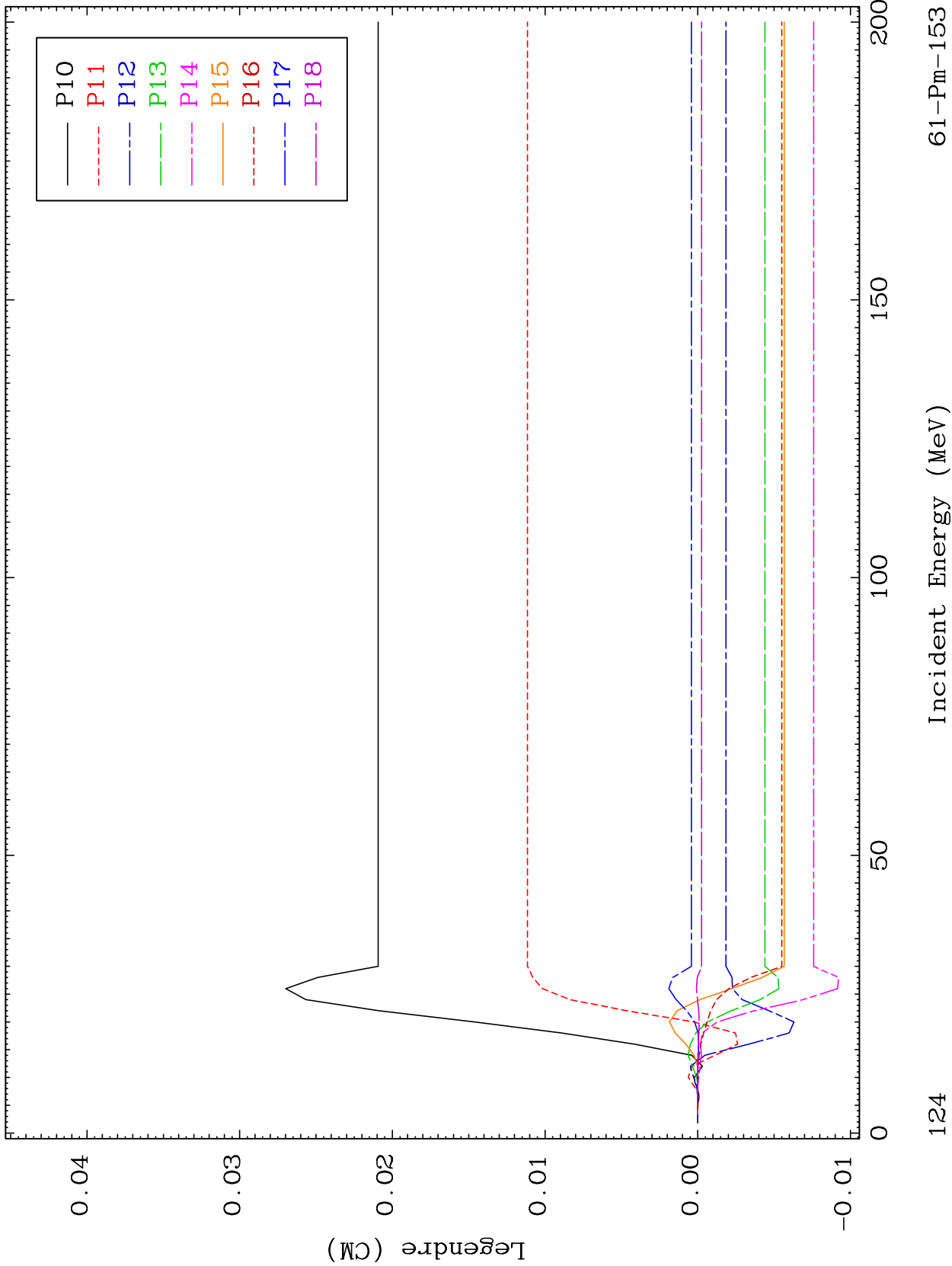
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



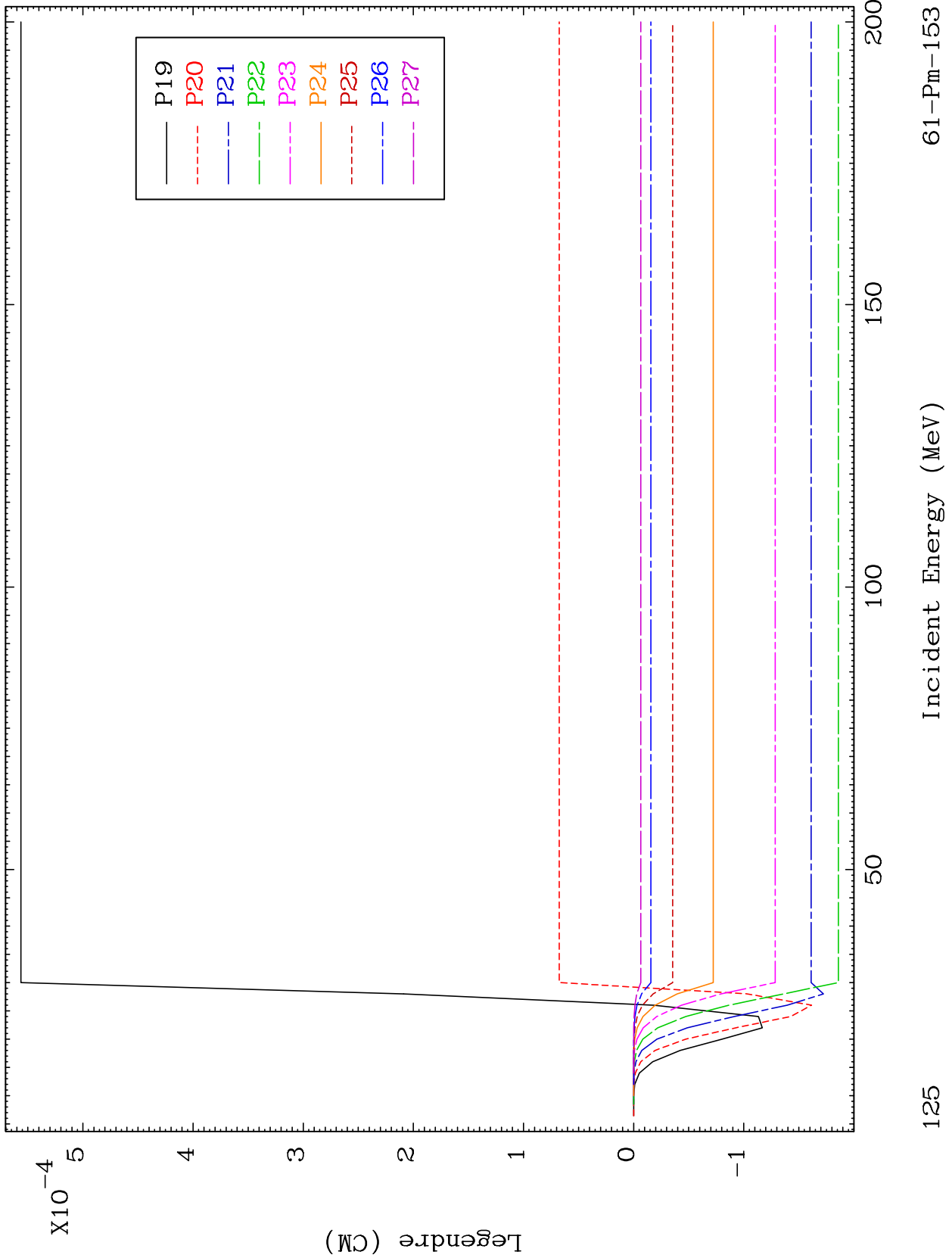
124

61-Pm-153

MAT 6167

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

61-Pm-153



125

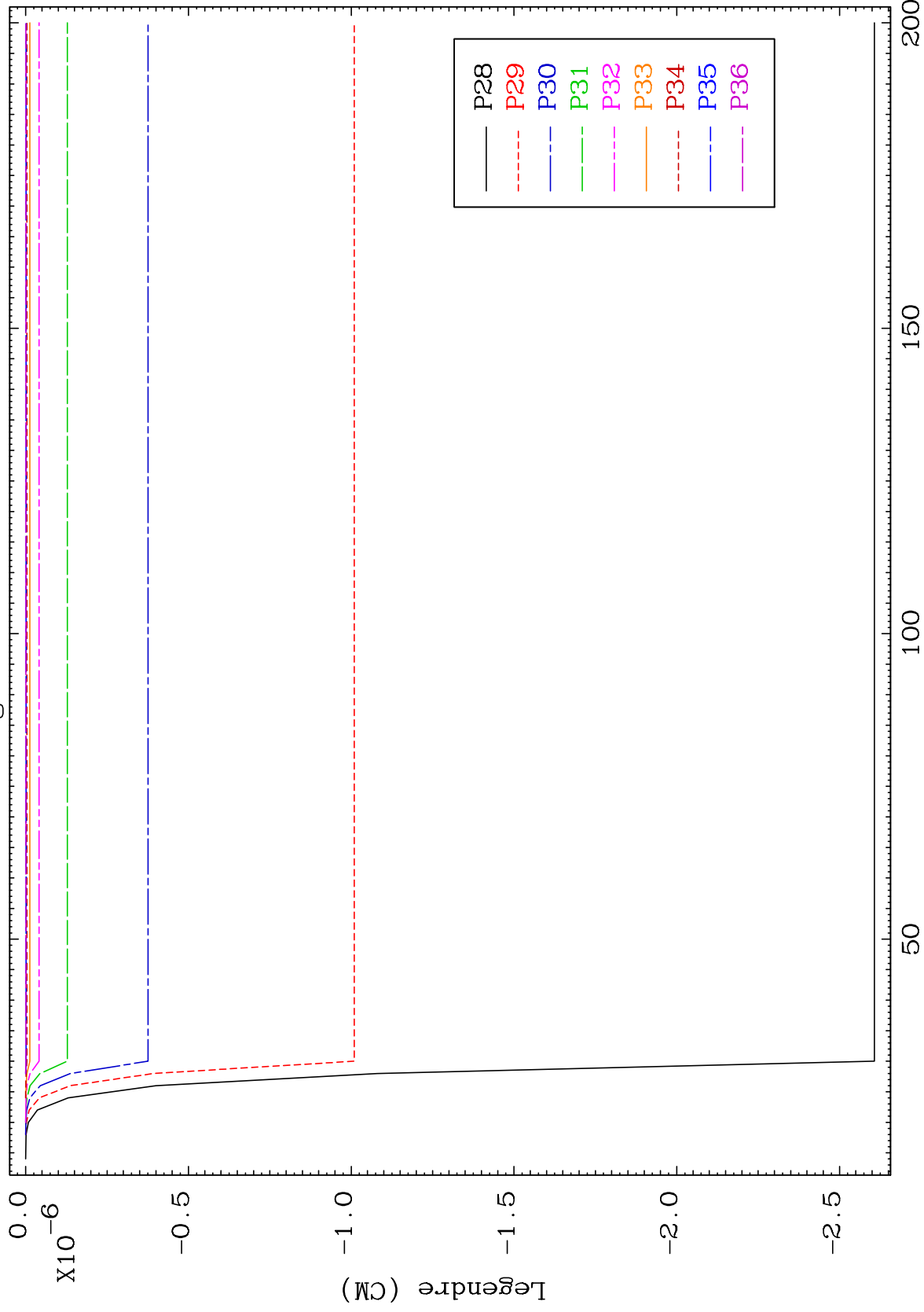
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



126

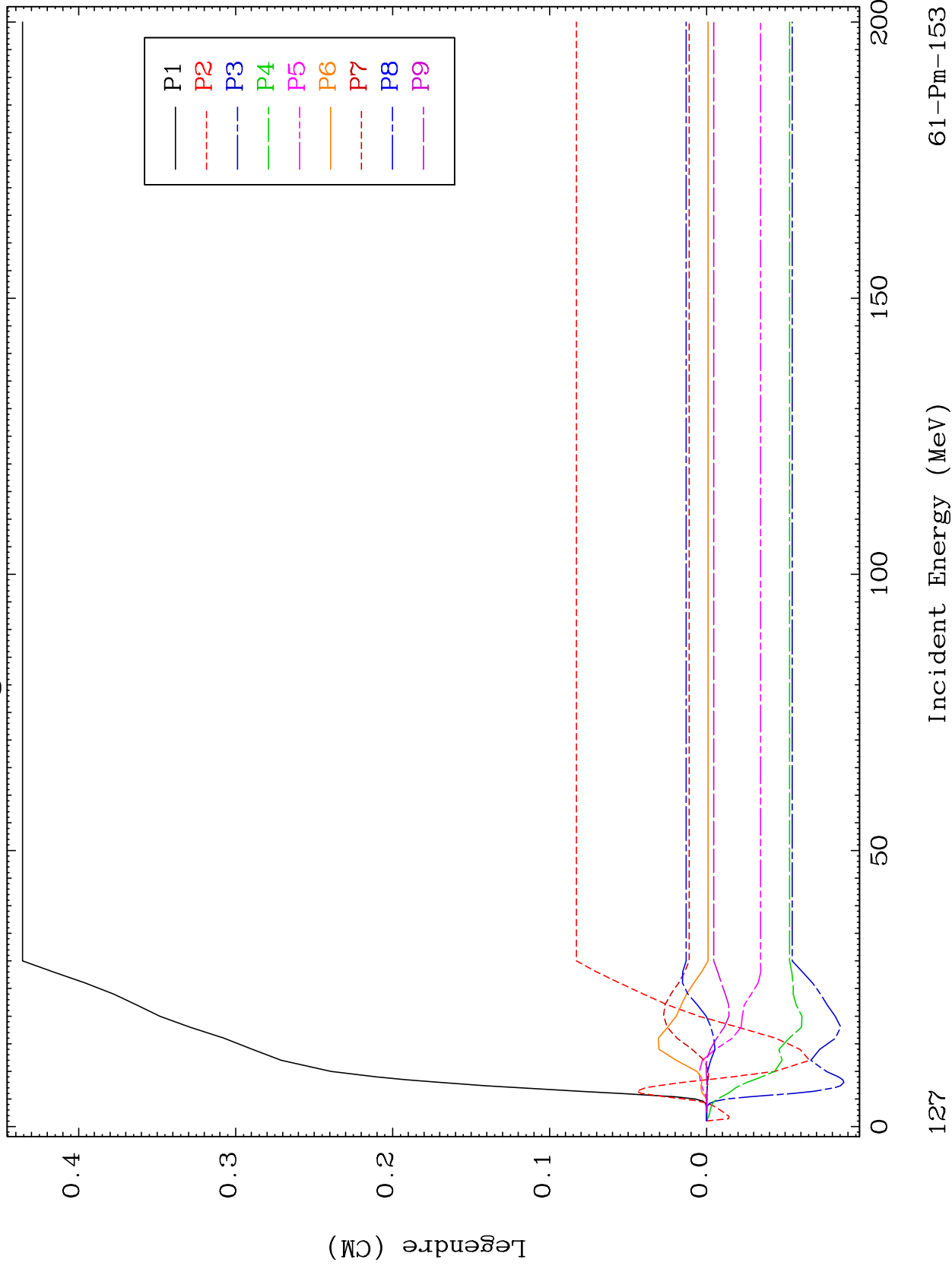
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



61-Pm-153

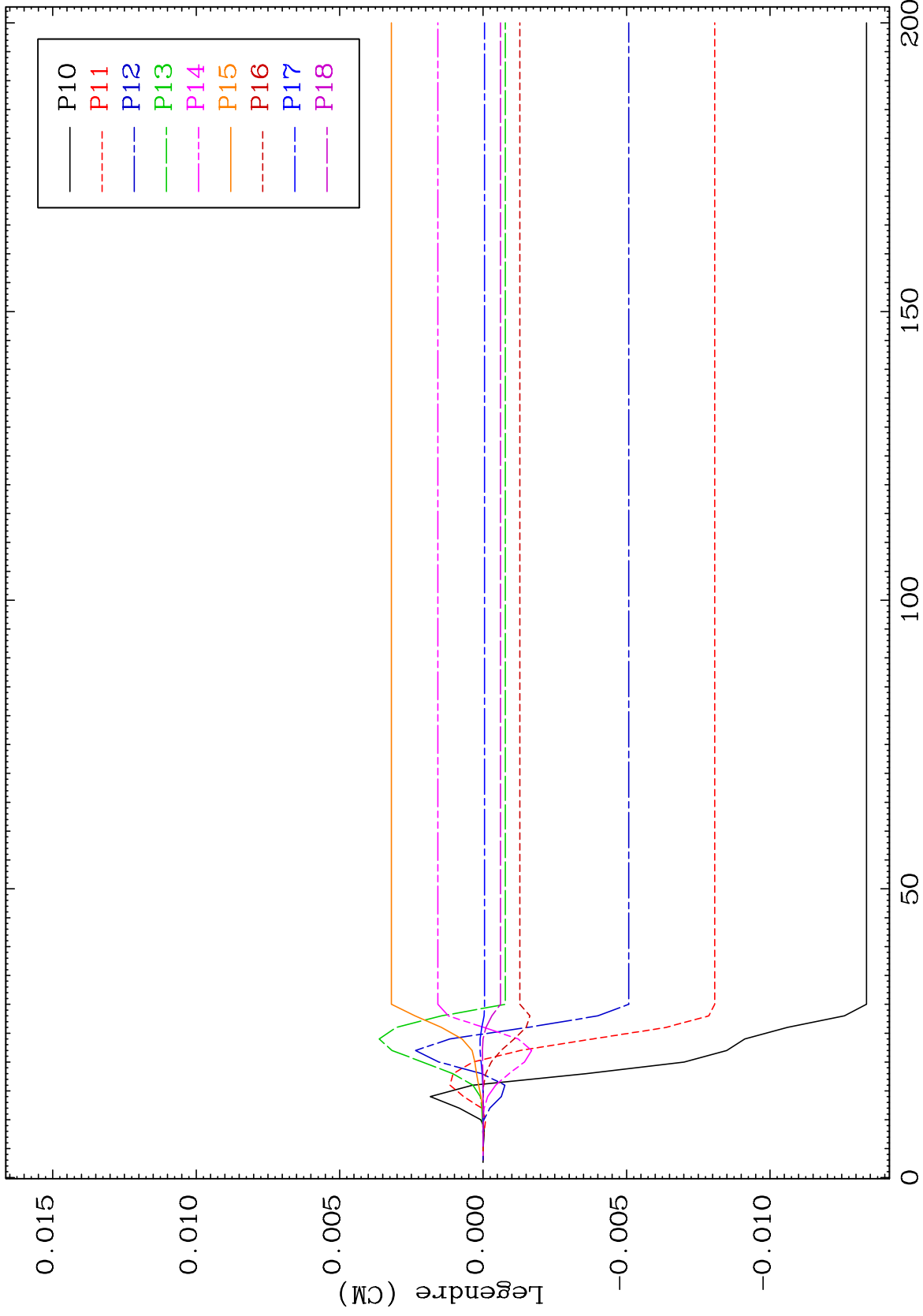
Incident Energy (MeV)

127

MAT 6167

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

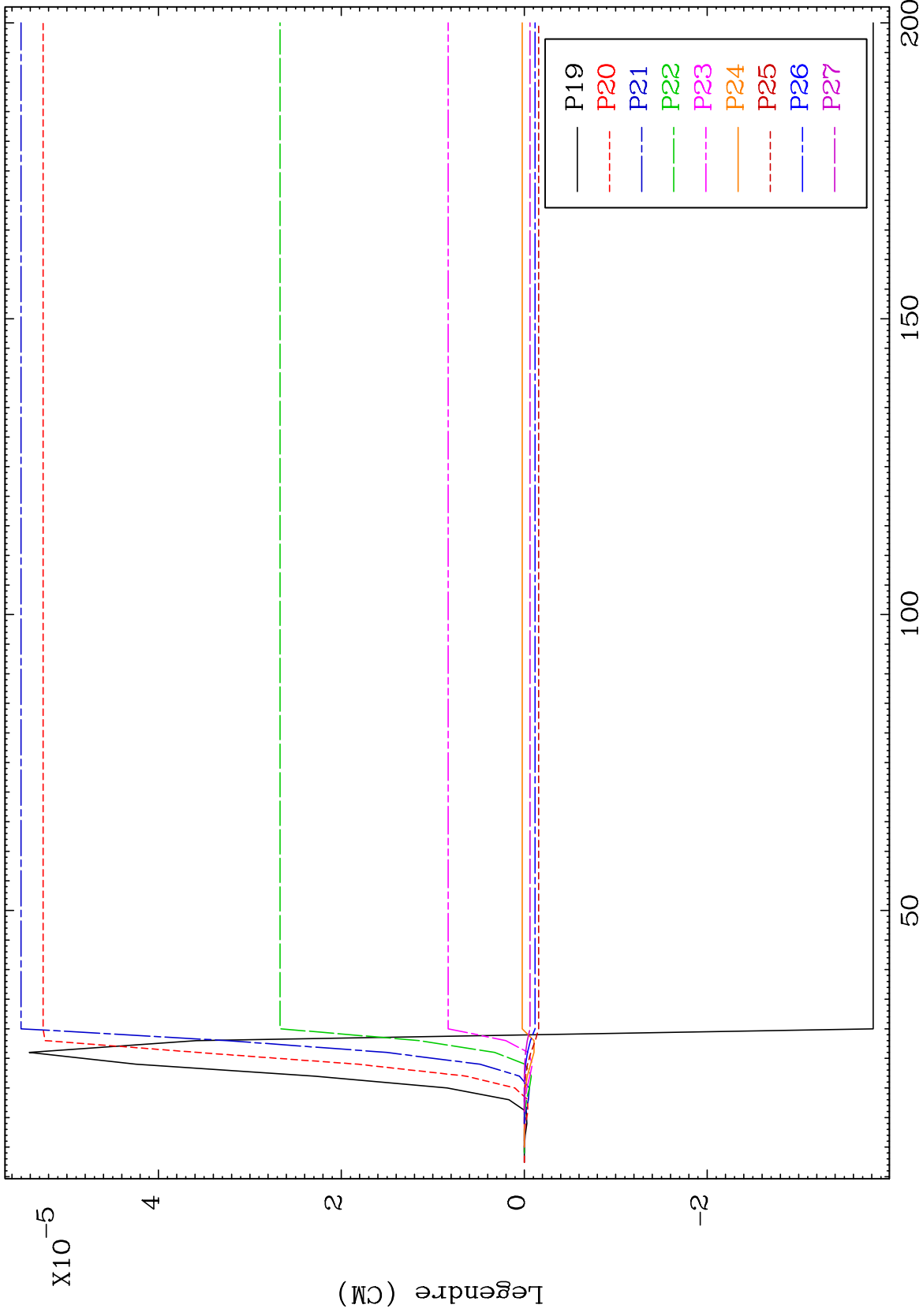
61-Pm-153



128

Incident Energy (MeV)

61-Pm-153

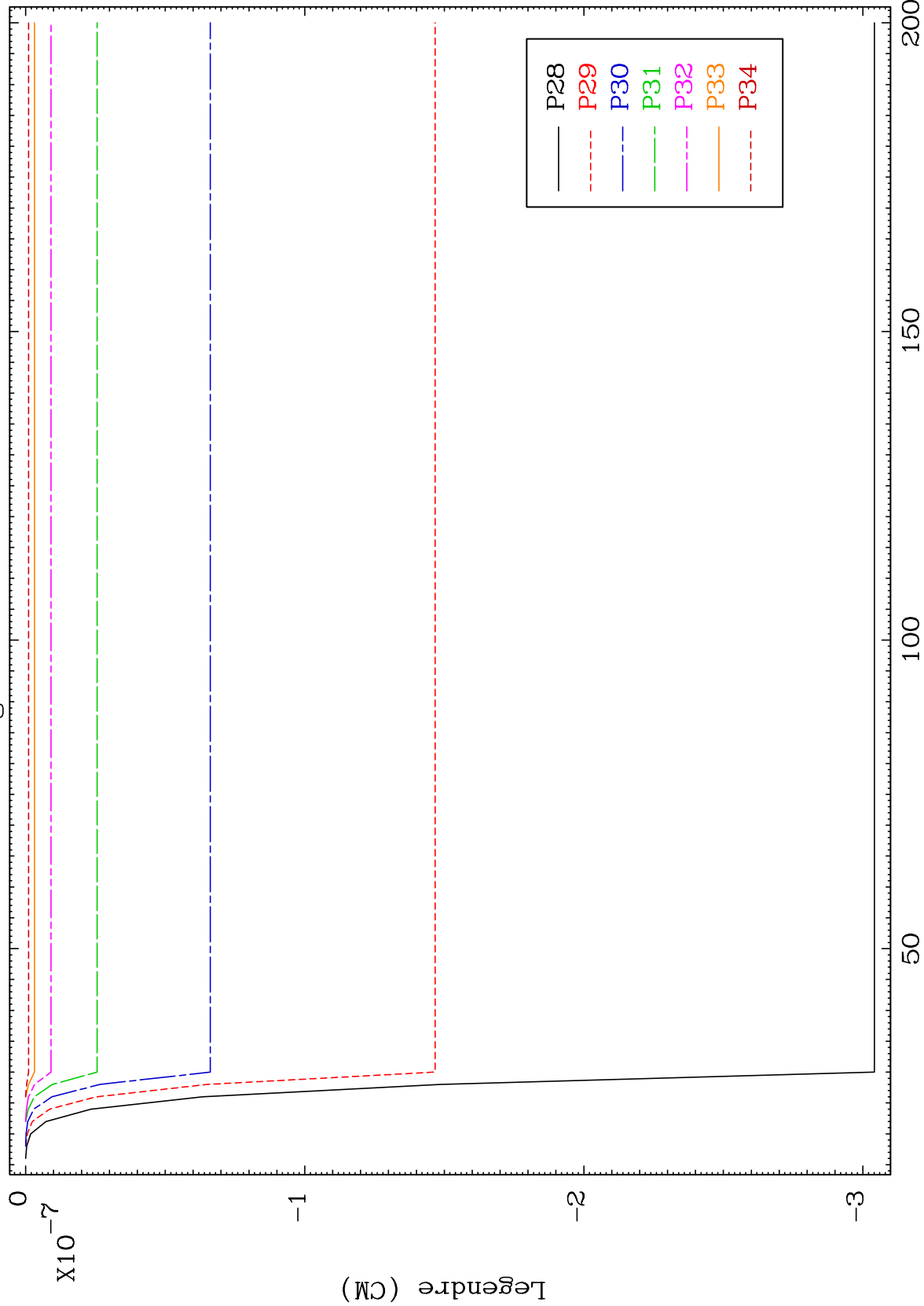


MAT 6167

MT= 78 (n,n') Level

61-Pm-153

Legendre Coefficients



130

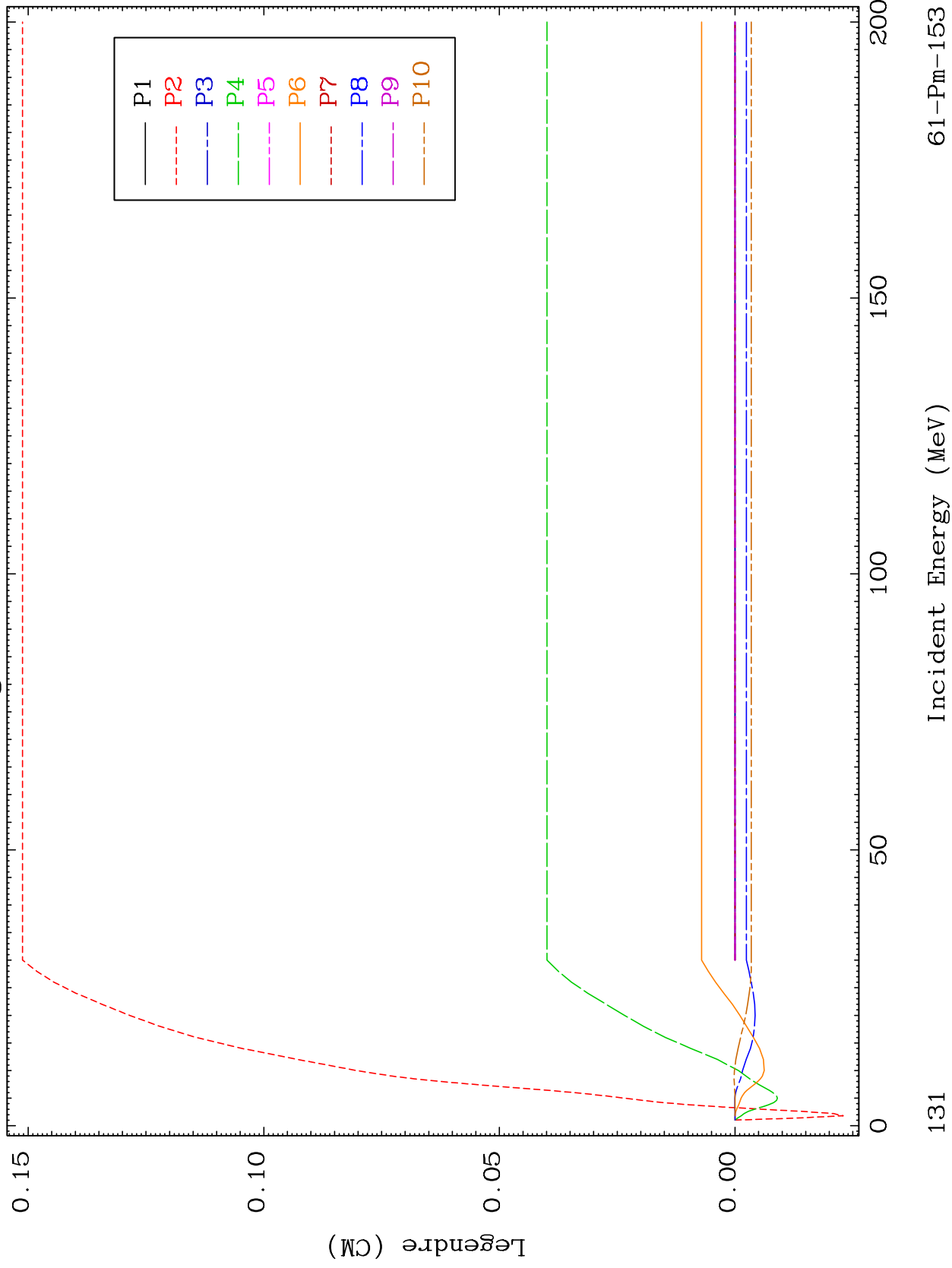
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153



61-Pm-153

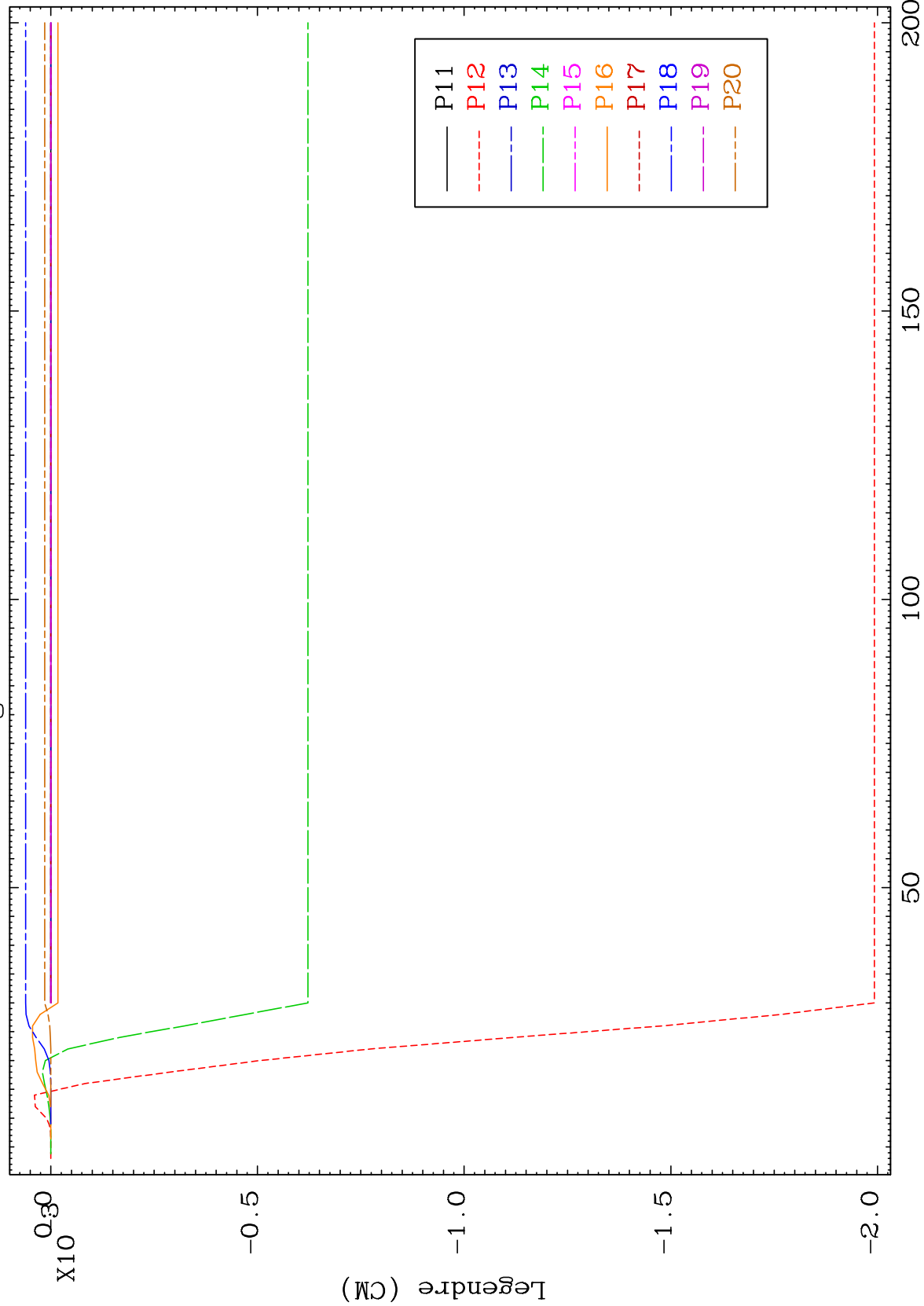
Incident Energy (MeV)

131

MAT 6167

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

61-Pm-153



132

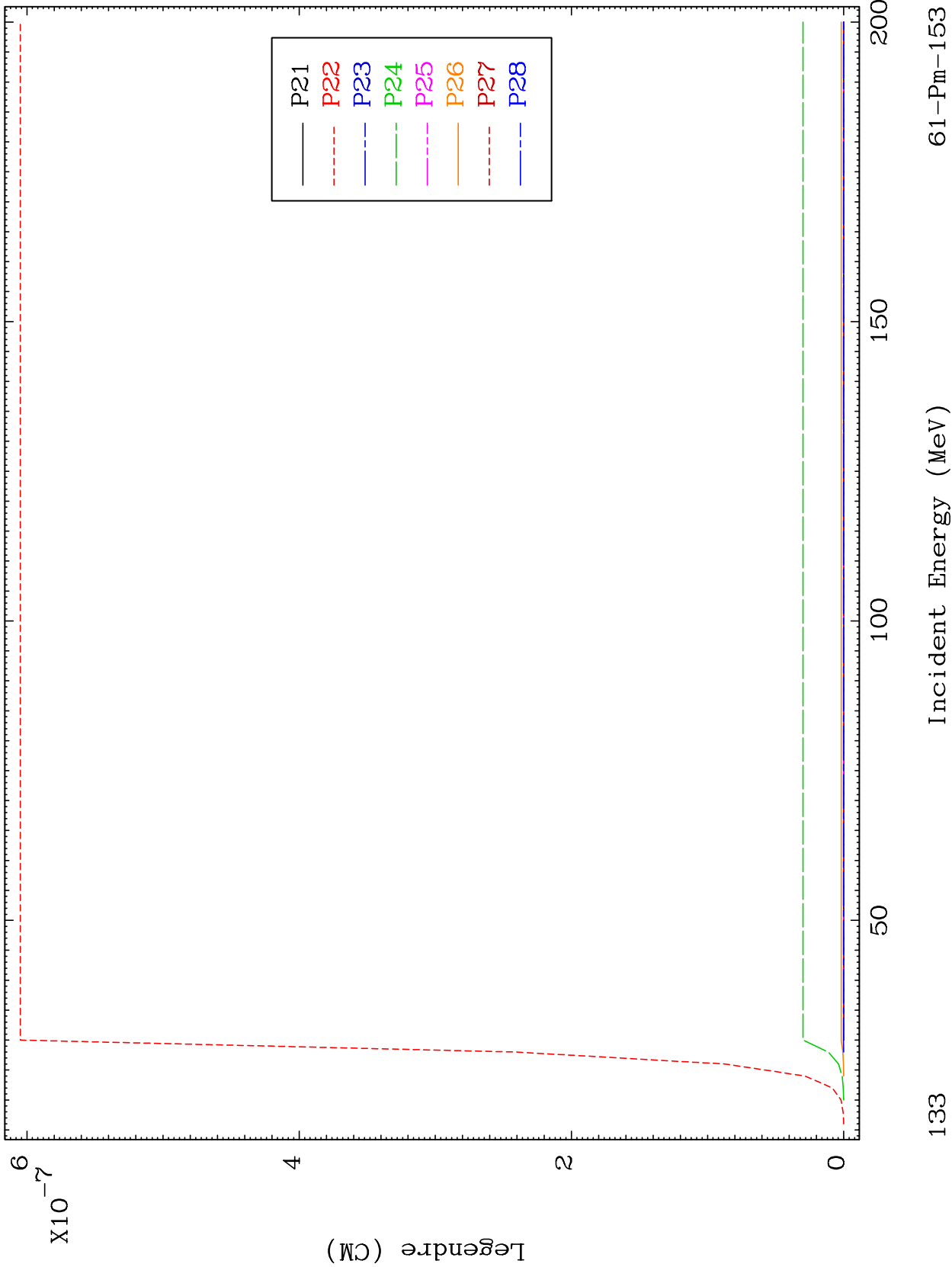
Incident Energy (MeV)

61-Pm-153

MAT 6167

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

61-Pm-153

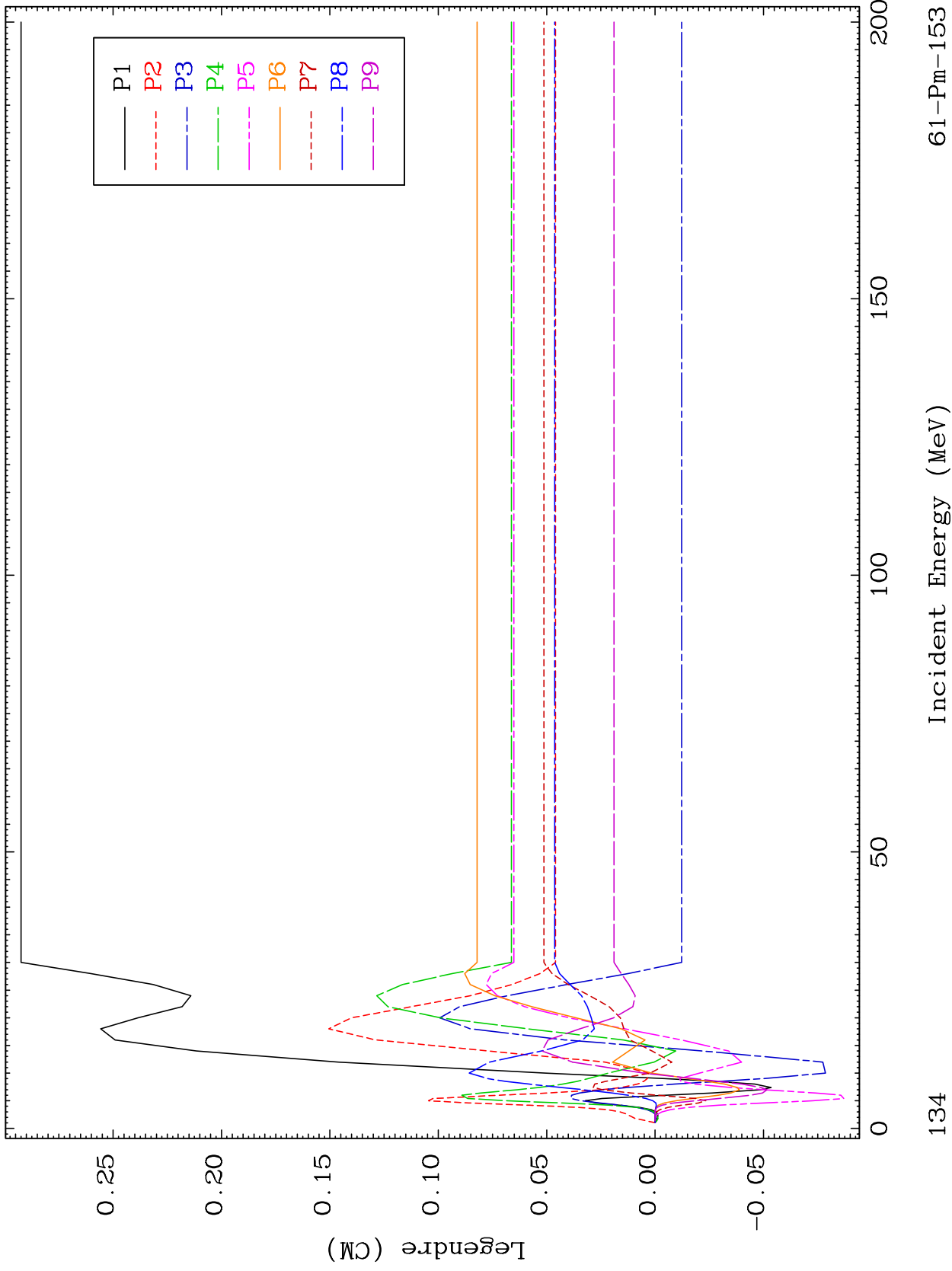


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MAT 6167

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

61-Pm-153



61-Pm-153

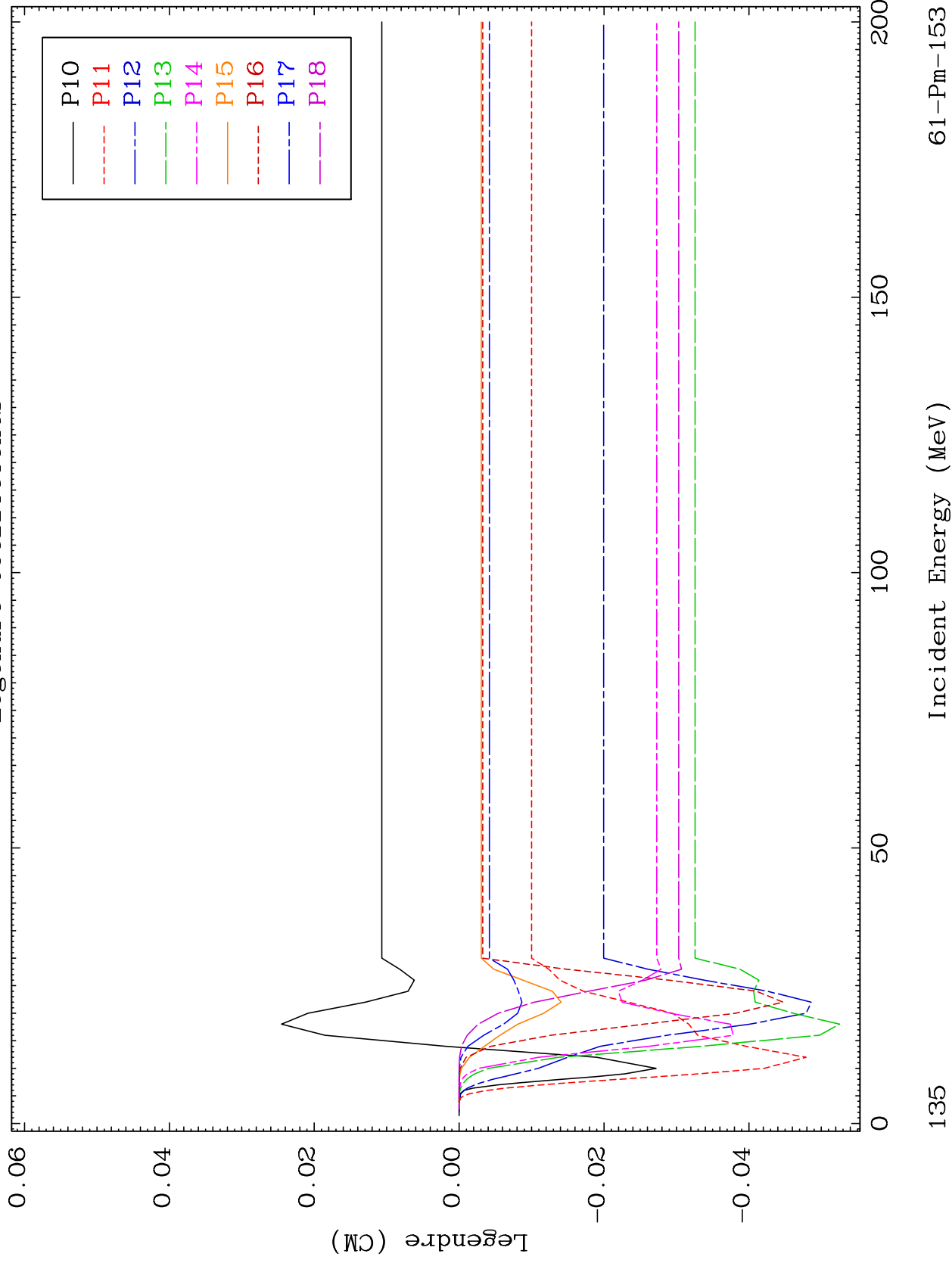
Incident Energy (MeV)

134

MAT 6167

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

61-Pm-153



61-Pm-153

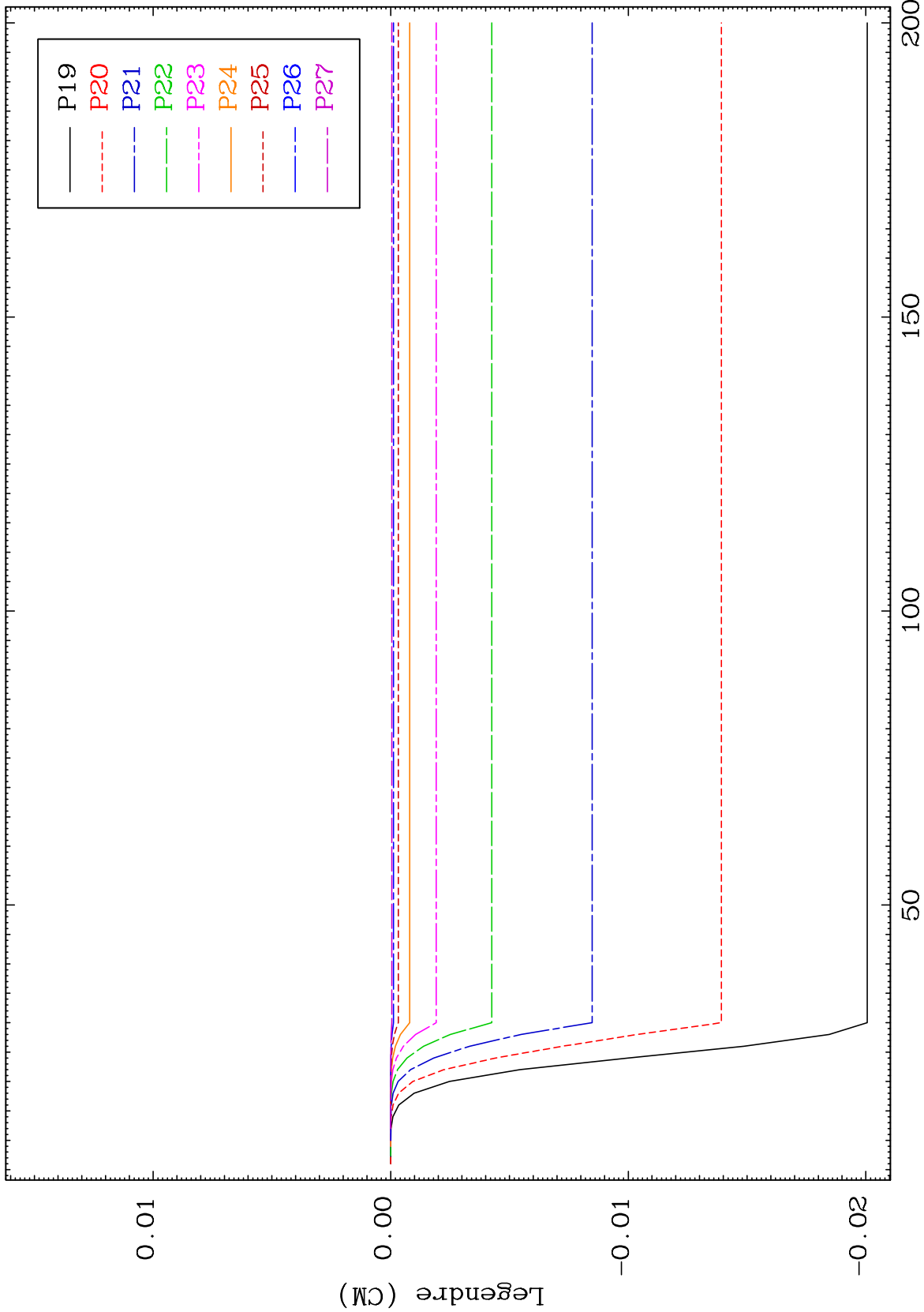
Incident Energy (MeV)

135

MAT 6167

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

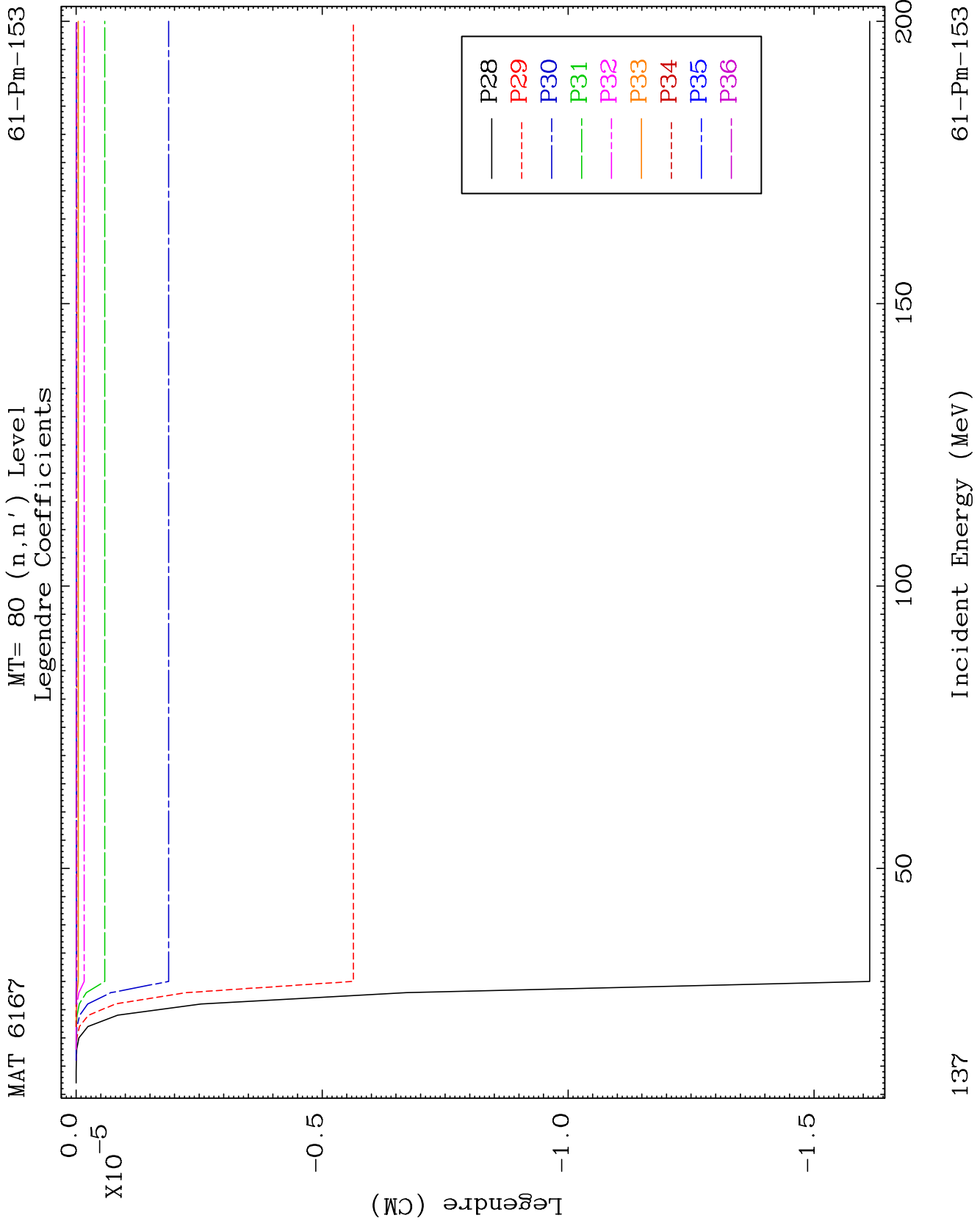
61-Pm-153



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Incident Energy (MeV)

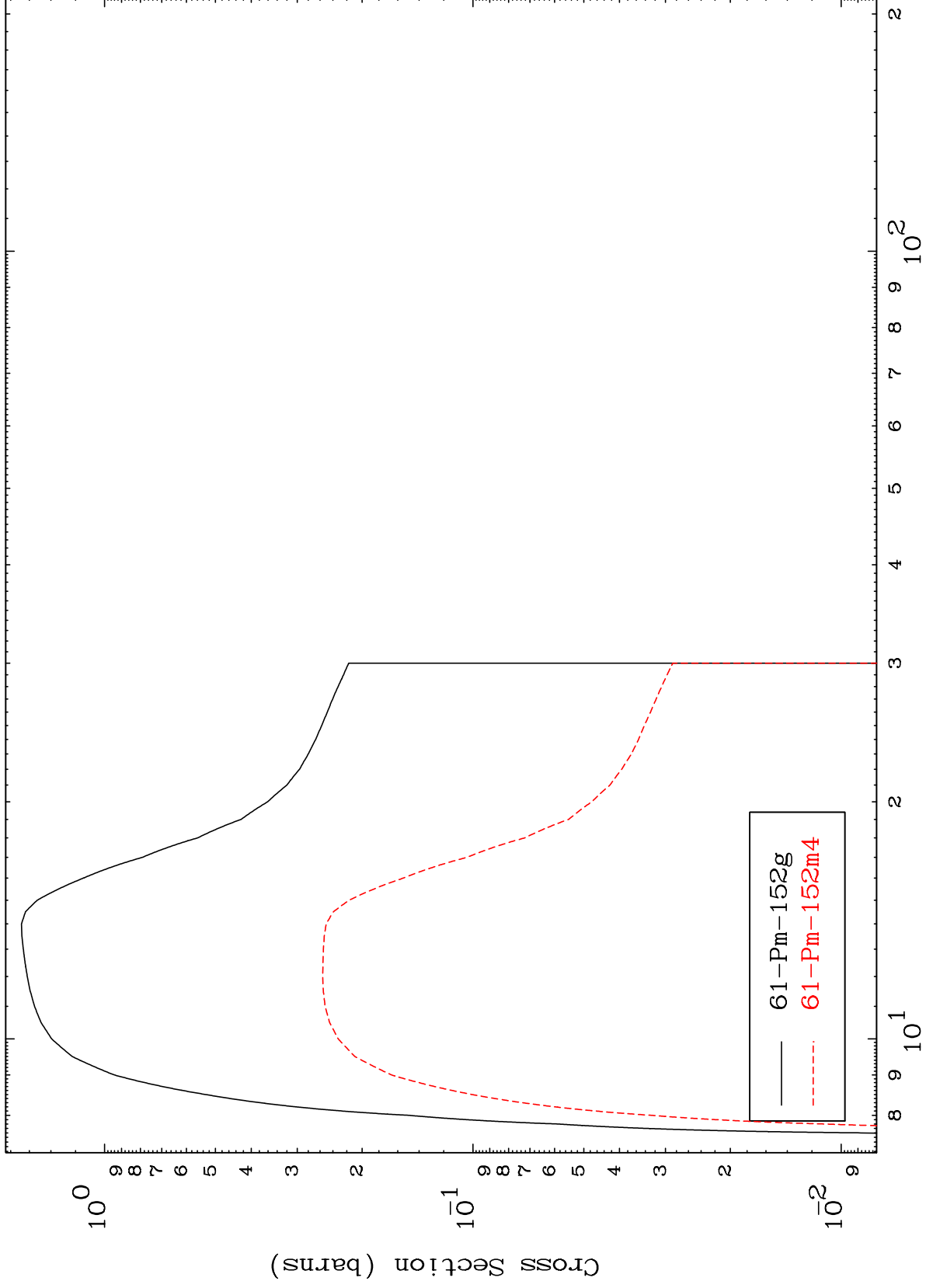
61-Pm-153



MAT 6167

61-Pm-153

(n,2n)
Radionuclide Production Cross Section



61-Pm-153

Incident Energy (MeV)

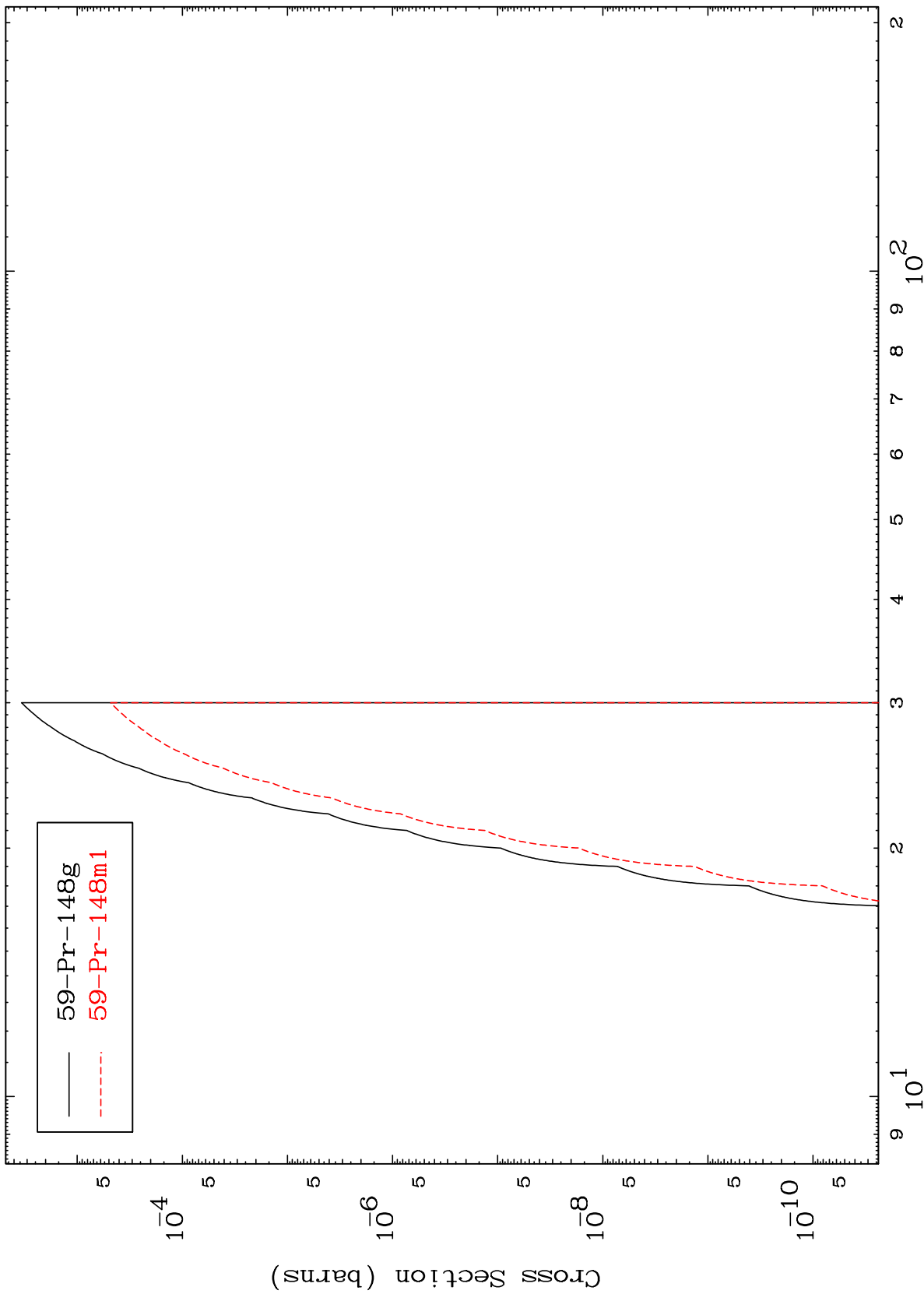
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MAT 6167

(n,2n) α

61-Pm-153

Radionuclide Production Cross Section



59-Pr-148g
59-Pr-148m1

139

Incident Energy (MeV)

61-Pm-153