

Program EVALPLOT
(Version 2018-1)

by

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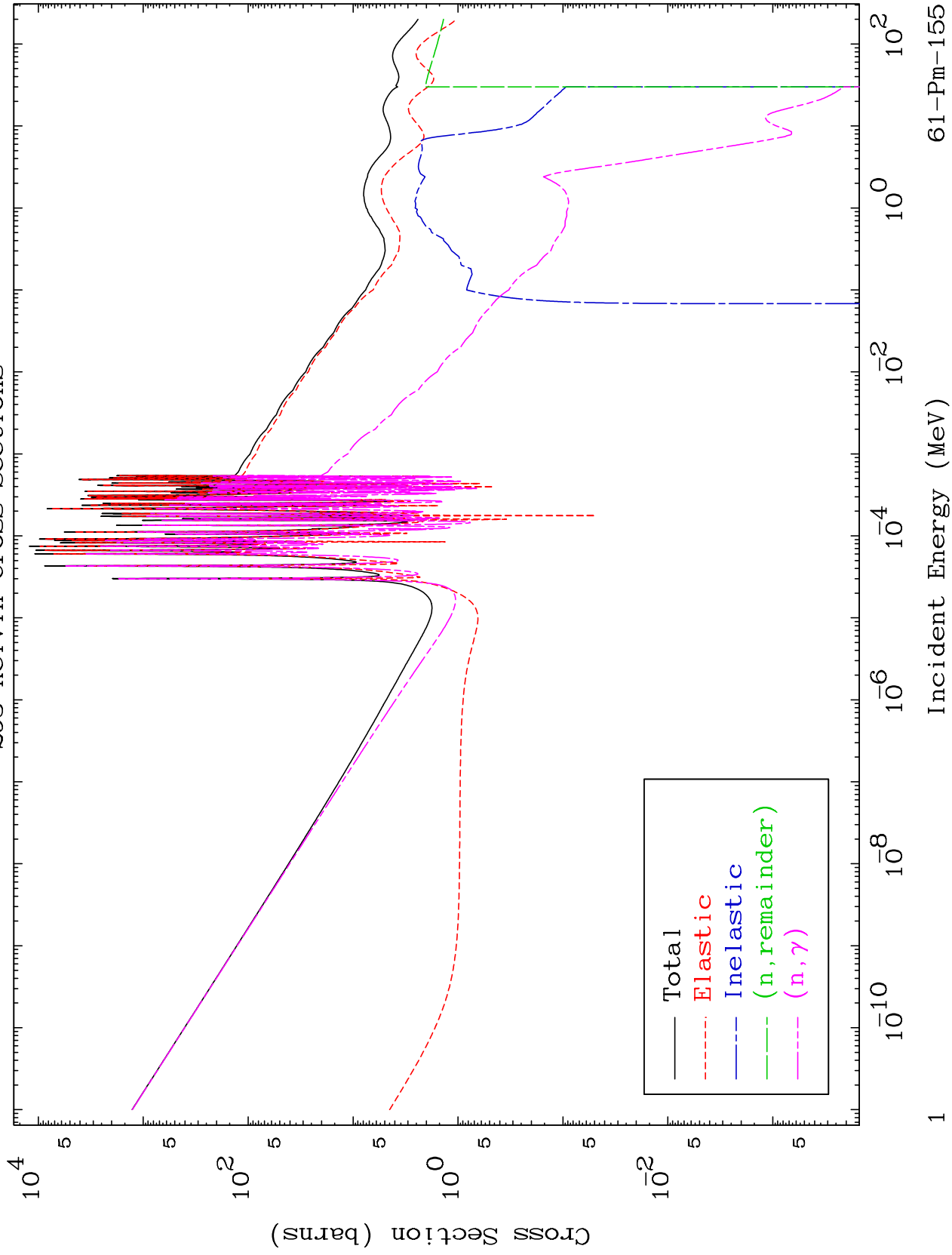
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6173

Major
293 Kelvin Cross Sections

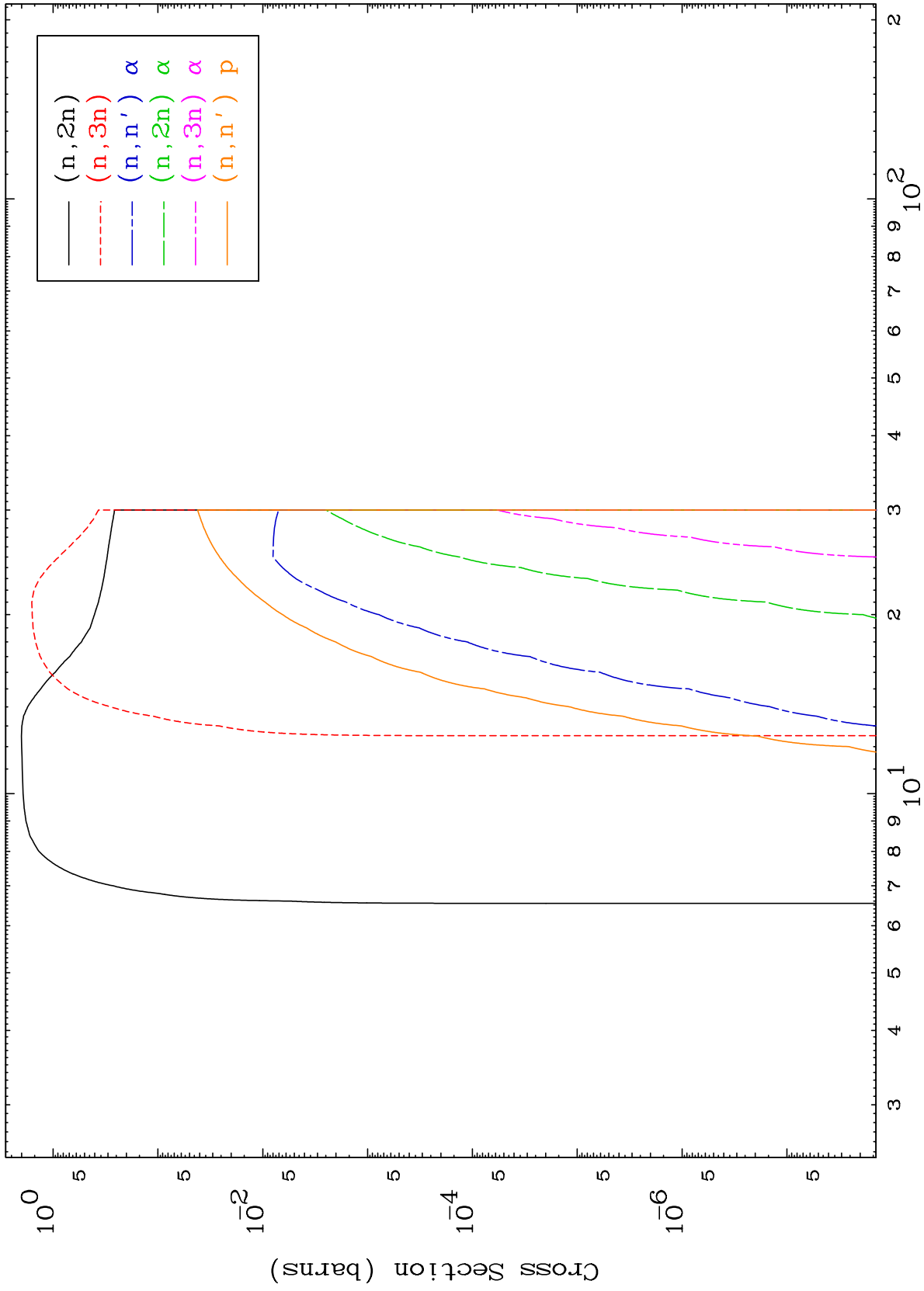
61-Pm-155



MAT 6173

Neutron Production 293 Kelvin Cross Sections

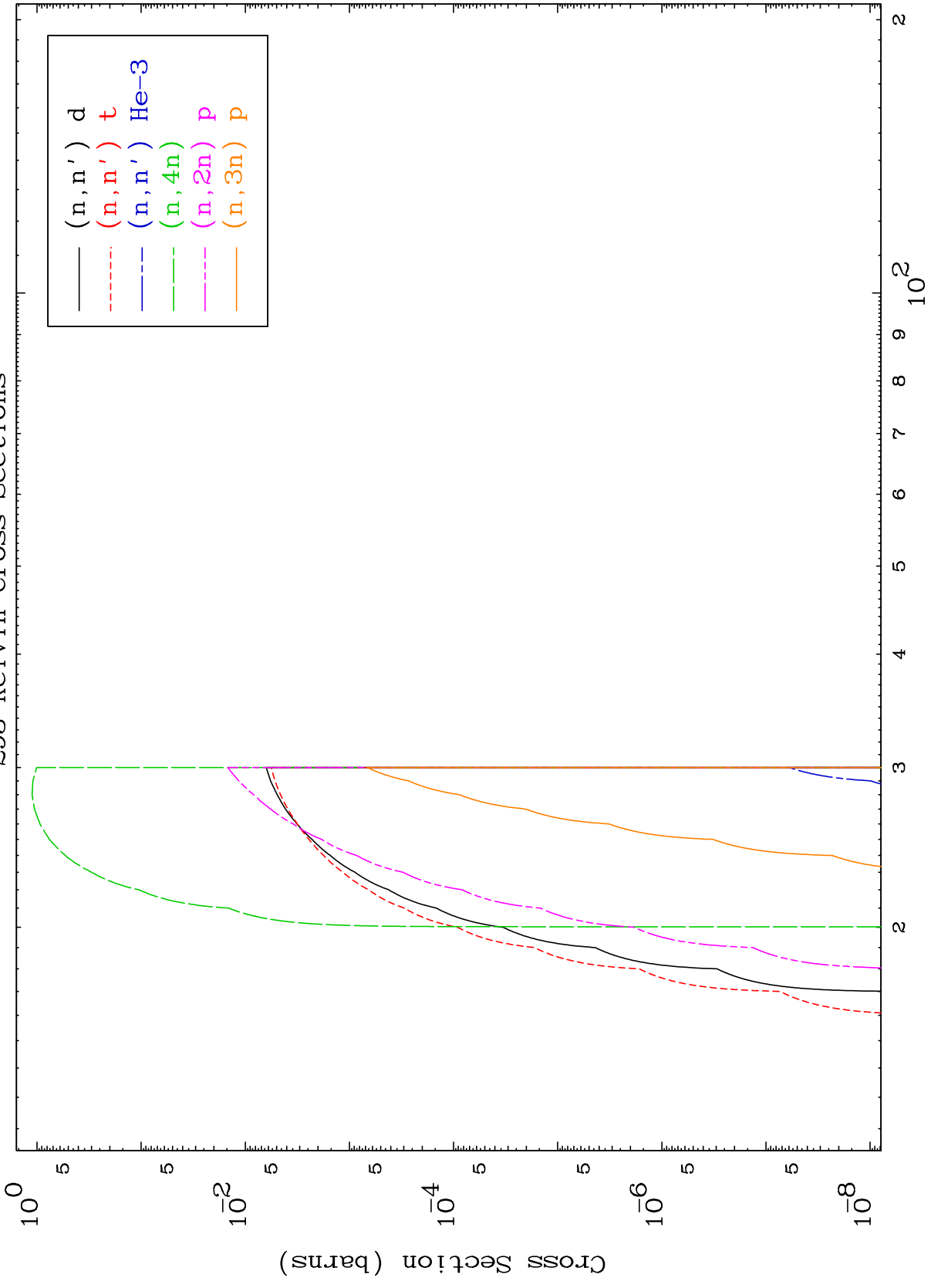
61-Pm-155

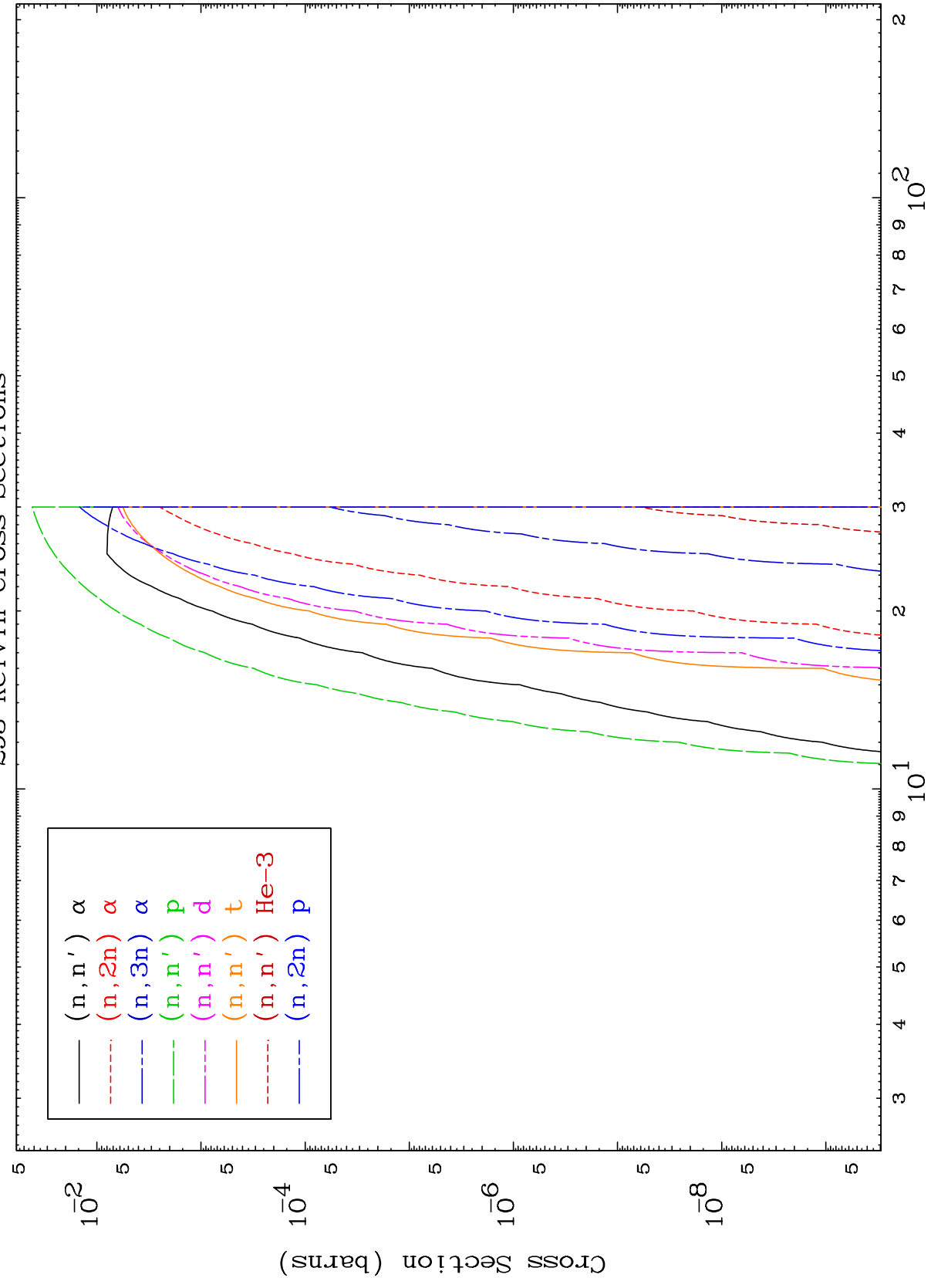


2

Incident Energy (MeV)

61-Pm-155

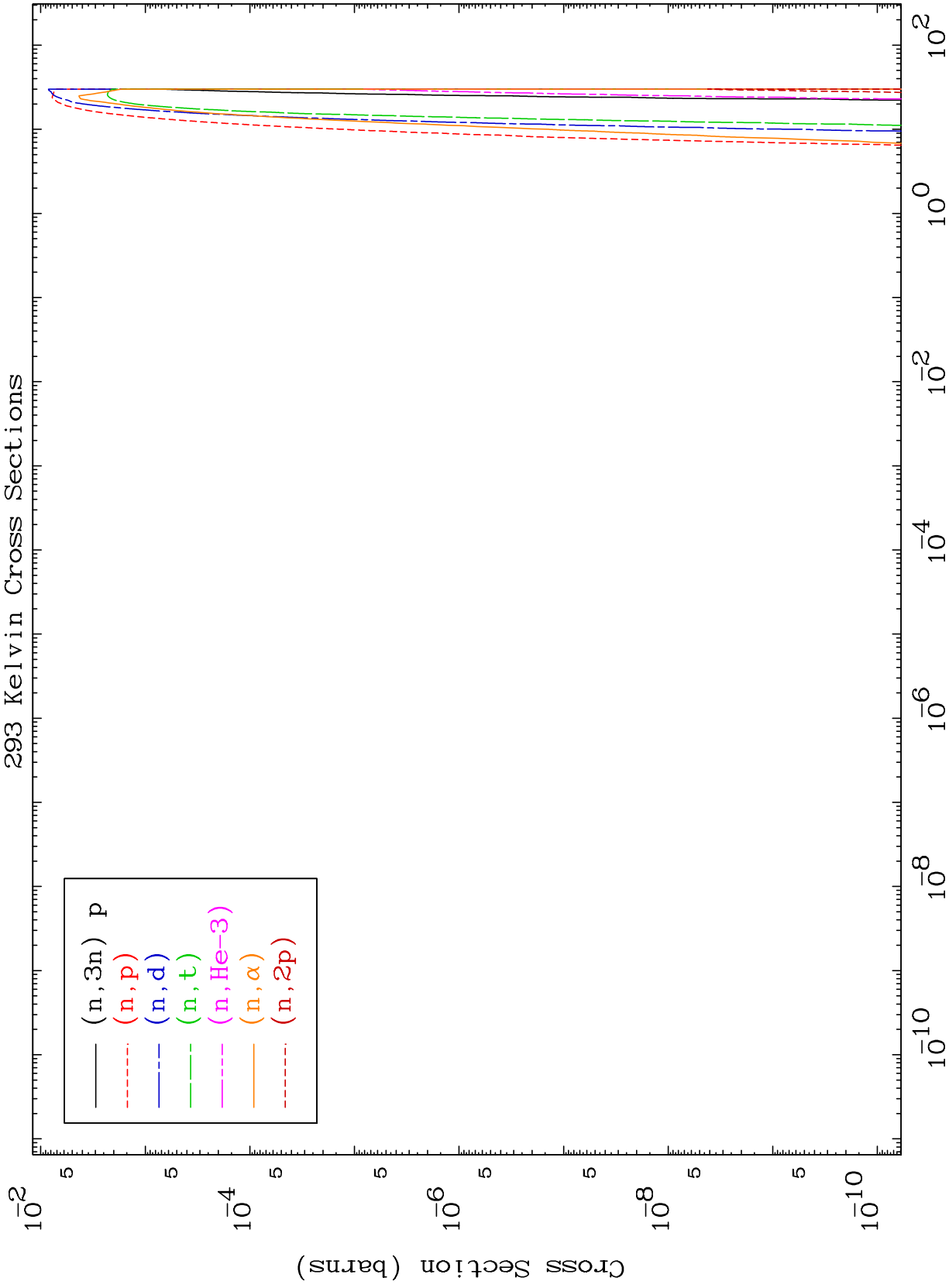




MAT 6173

Charged Particle
293 Kelvin Cross Sections

61-Pm-155



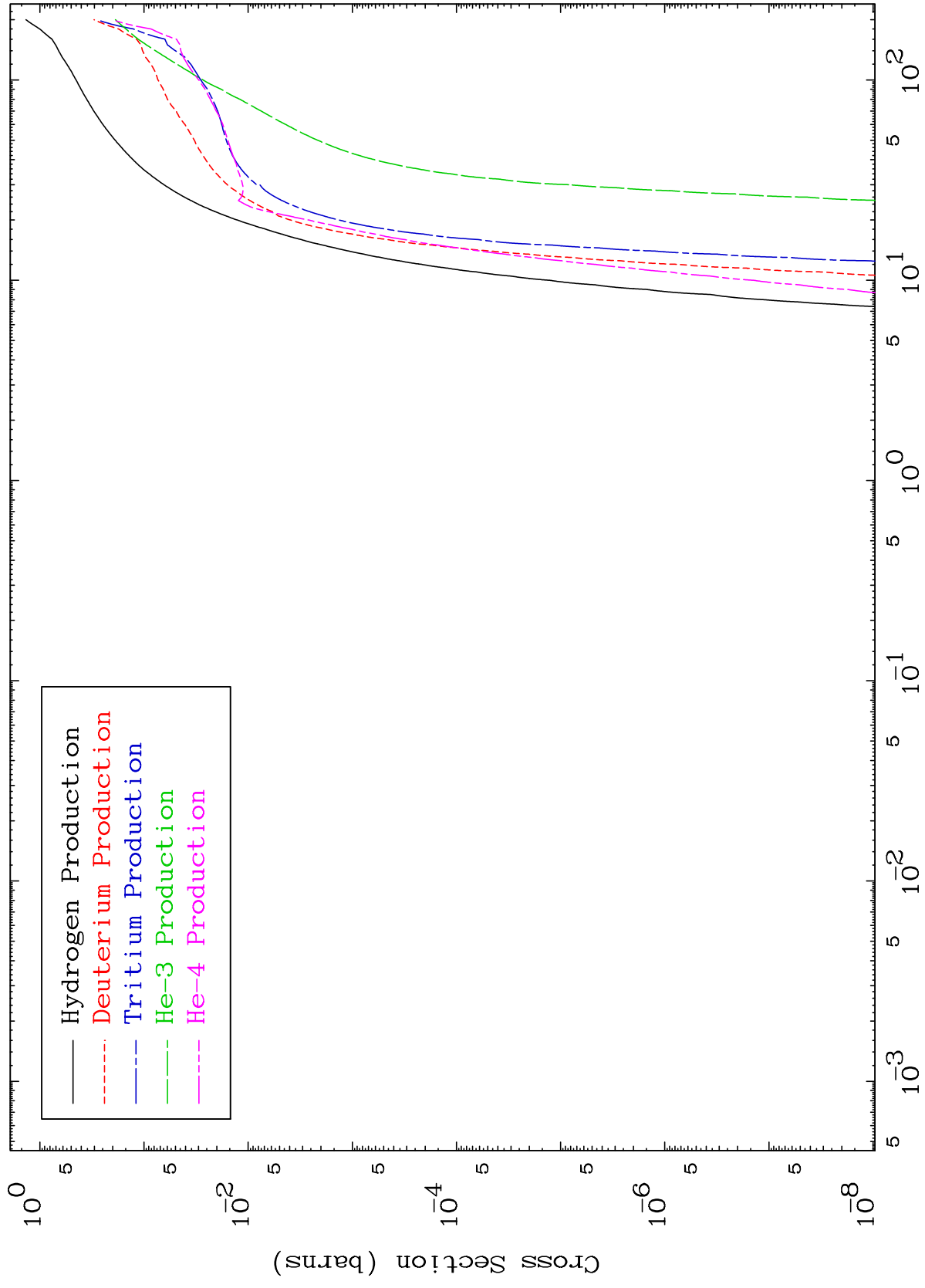
5

61-Pm-155

MAT 6173

Particle Production
293 Kelvin Cross Sections

61-Pm-155



6

Incident Energy (MeV)

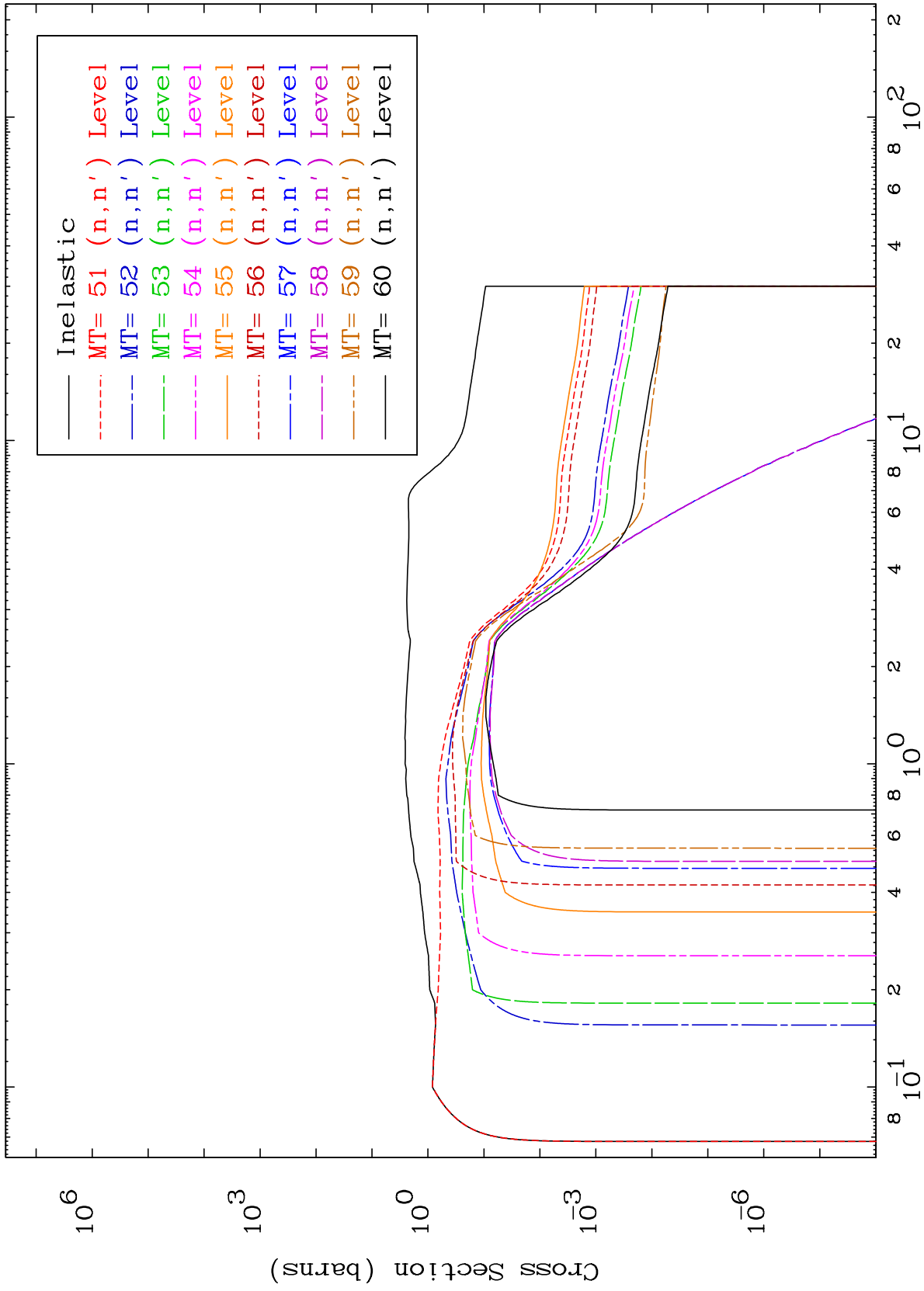
61-Pm-155

MAT 6173

(n,n') Level

61-Pm-155

293 Kelvin Cross Sections



7

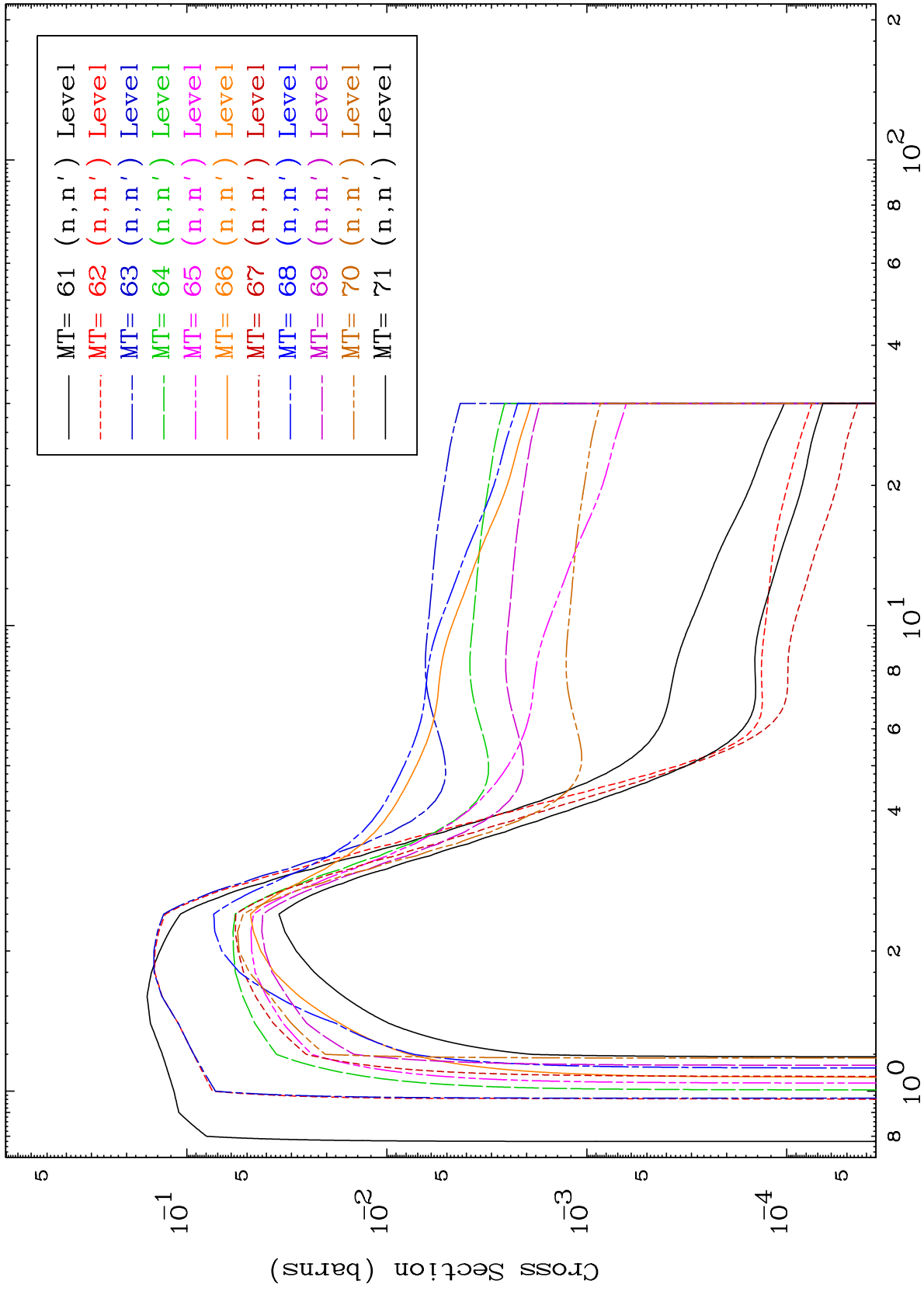
Incident Energy (MeV)

61-Pm-155

MAT 6173

(n,n') Level
293 Kelvin Cross Sections

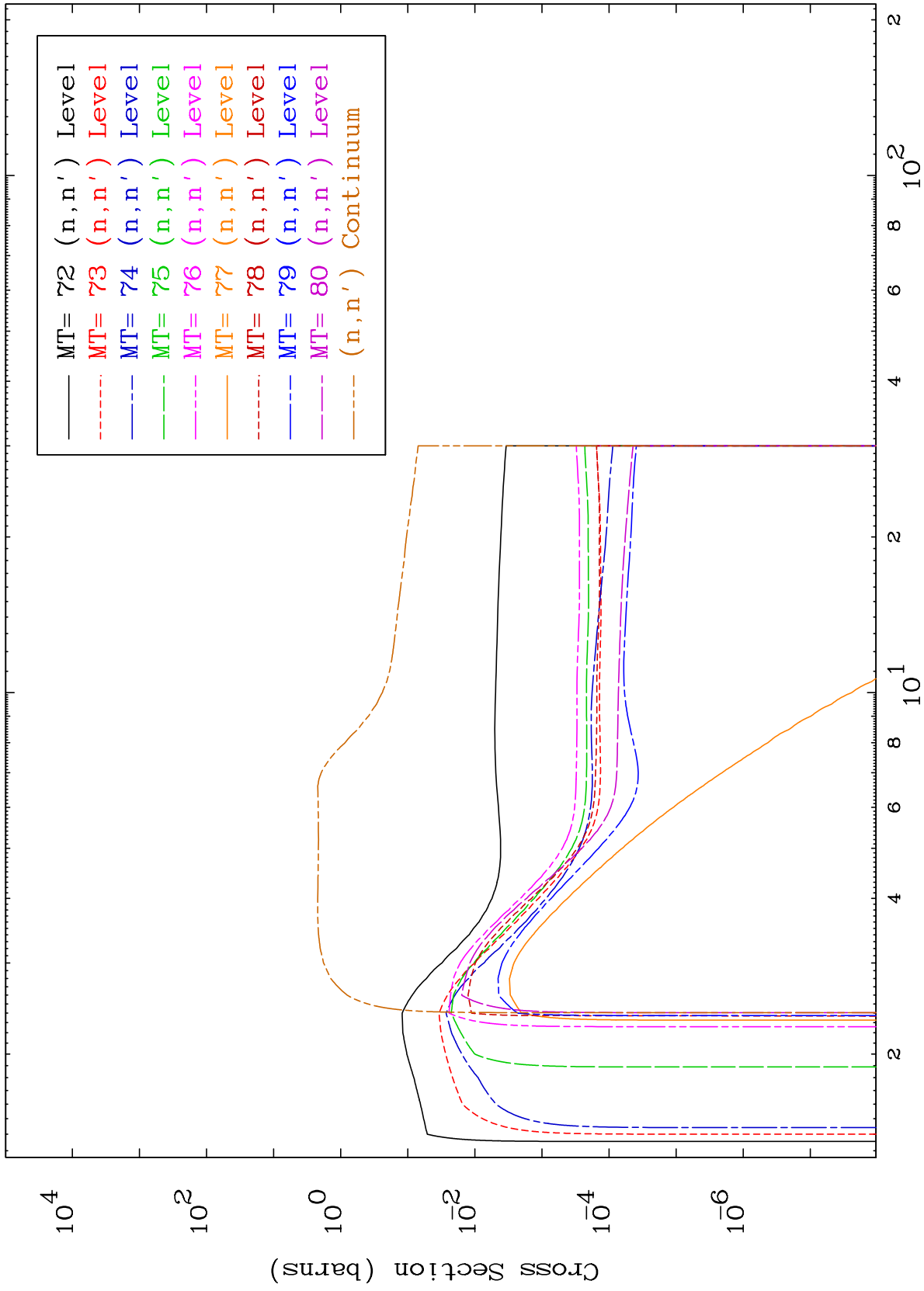
61-Pm-155



8

Incident Energy (MeV)

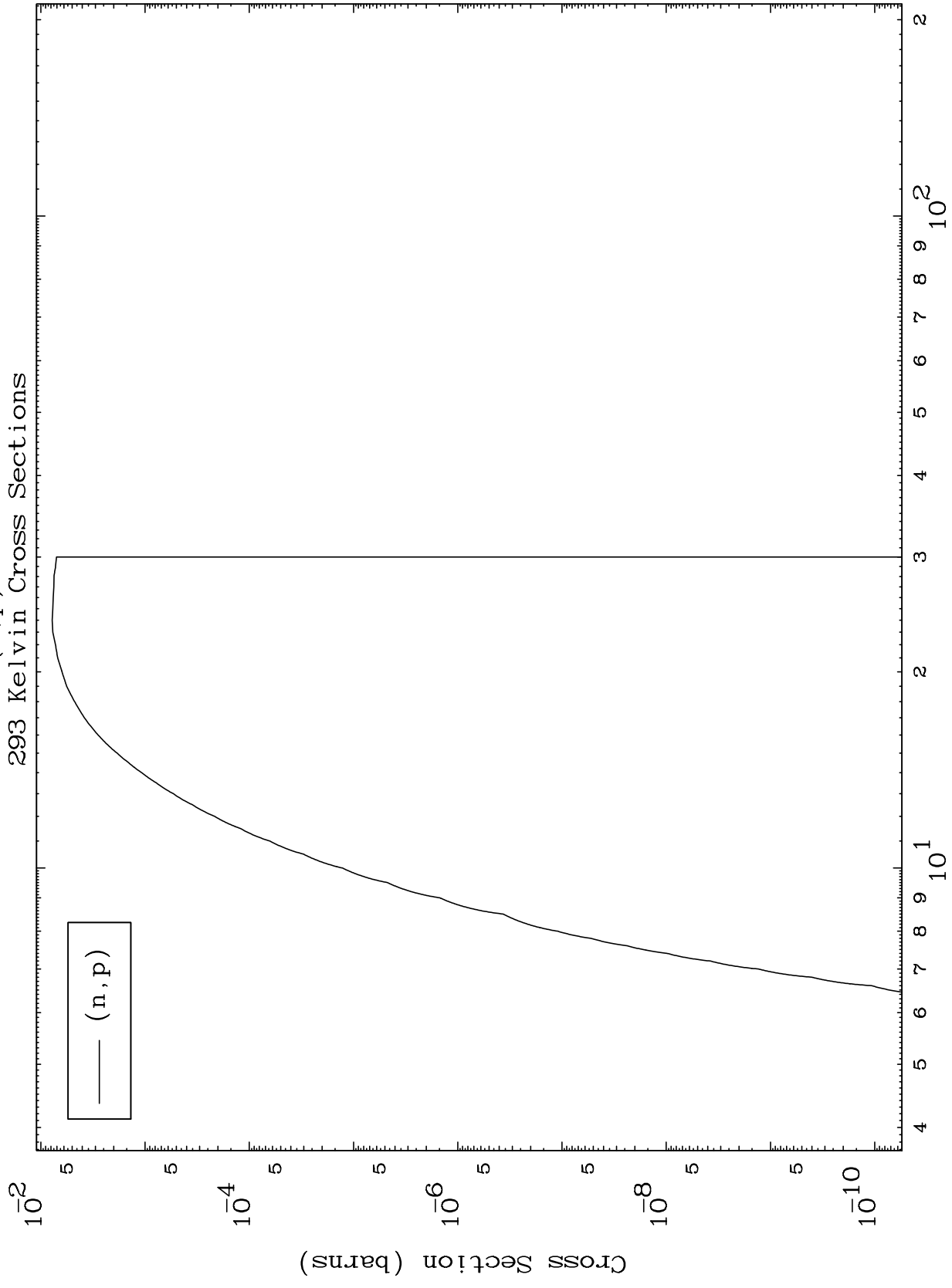
61-Pm-155



MAT 6173

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-155



10

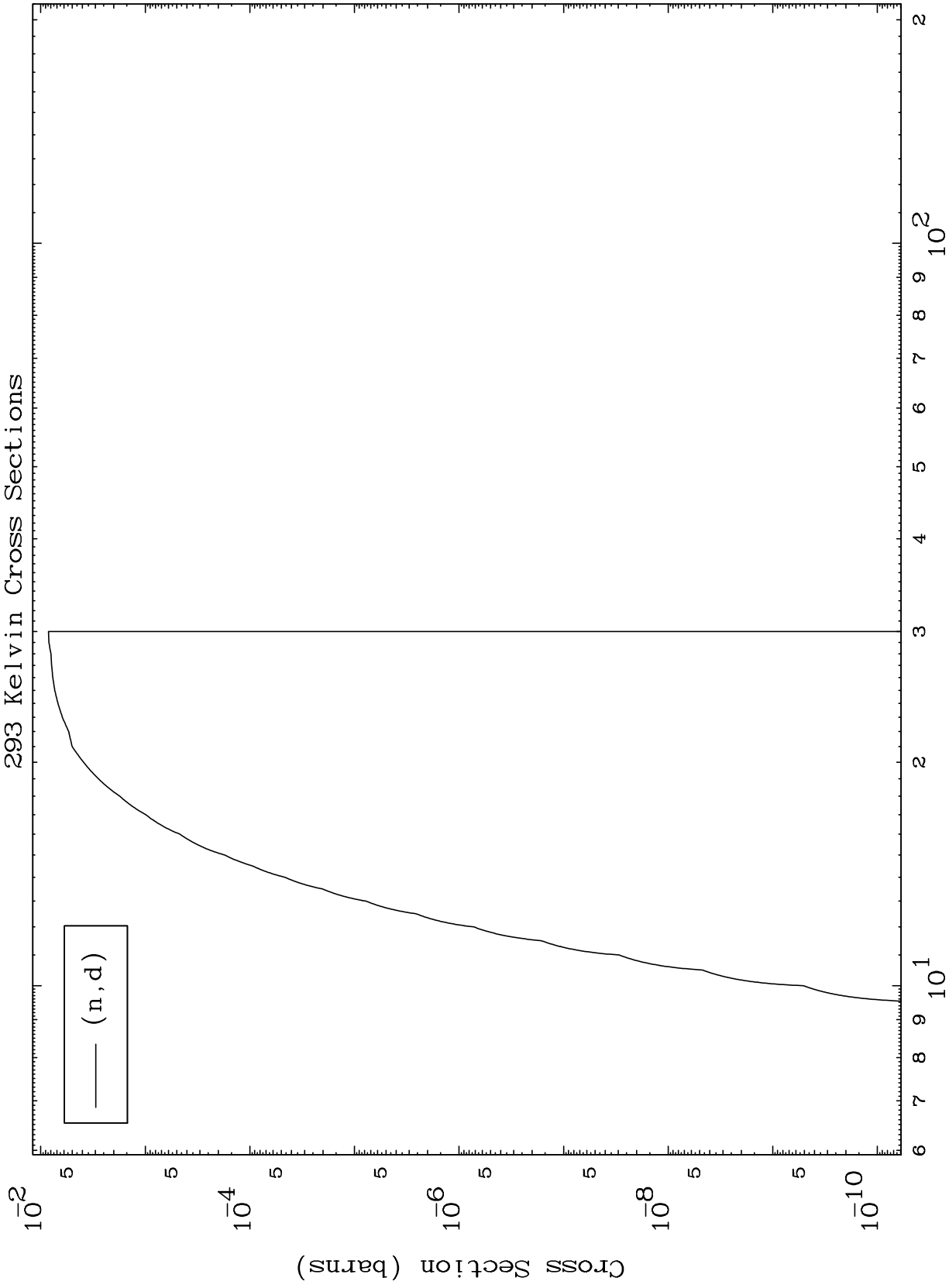
Incident Energy (MeV)

61-Pm-155

MAT 6173

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-155



11

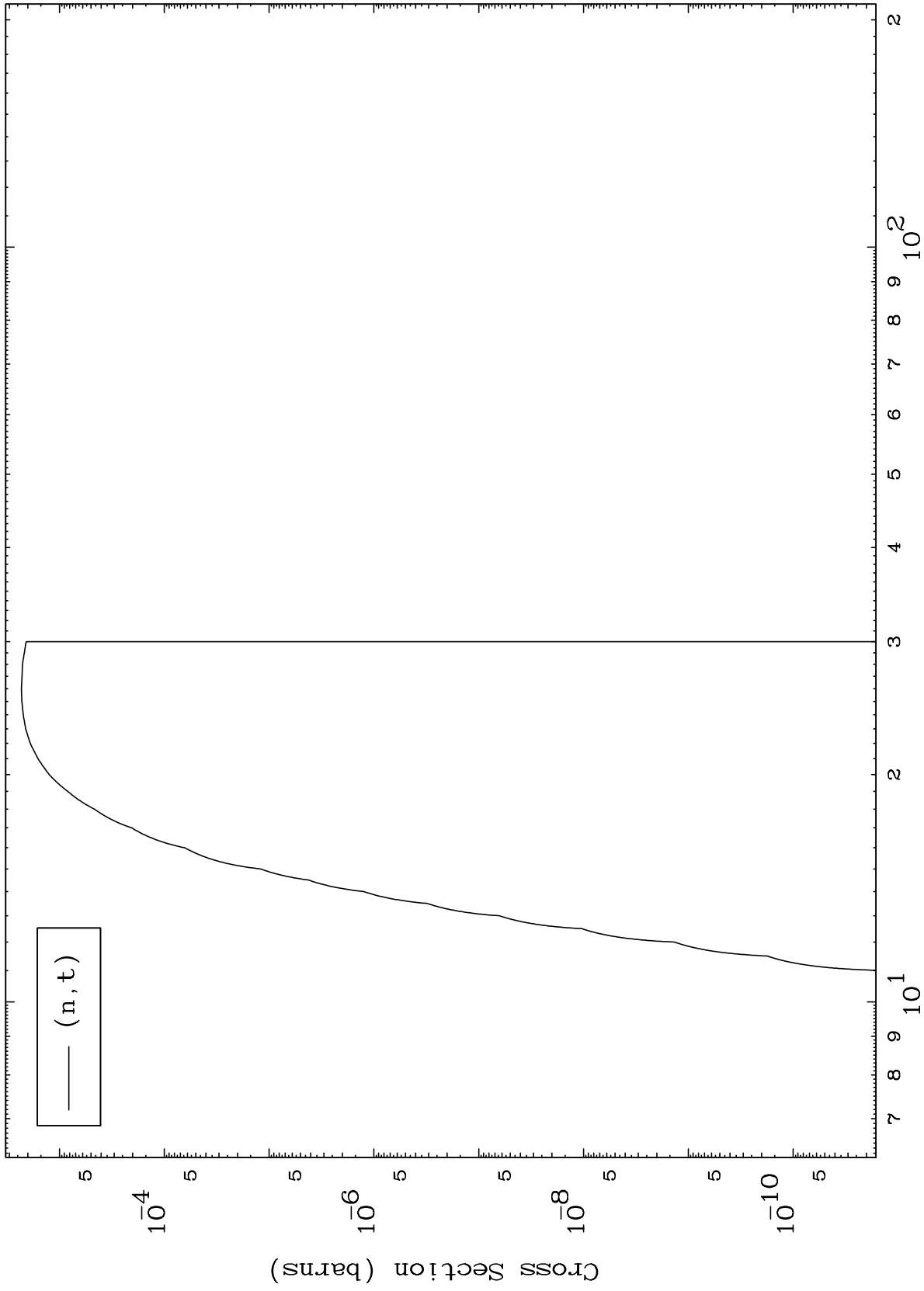
Incident Energy (MeV)

61-Pm-155

MAT 6173

(n,t) Levels
293 Kelvin Cross Sections

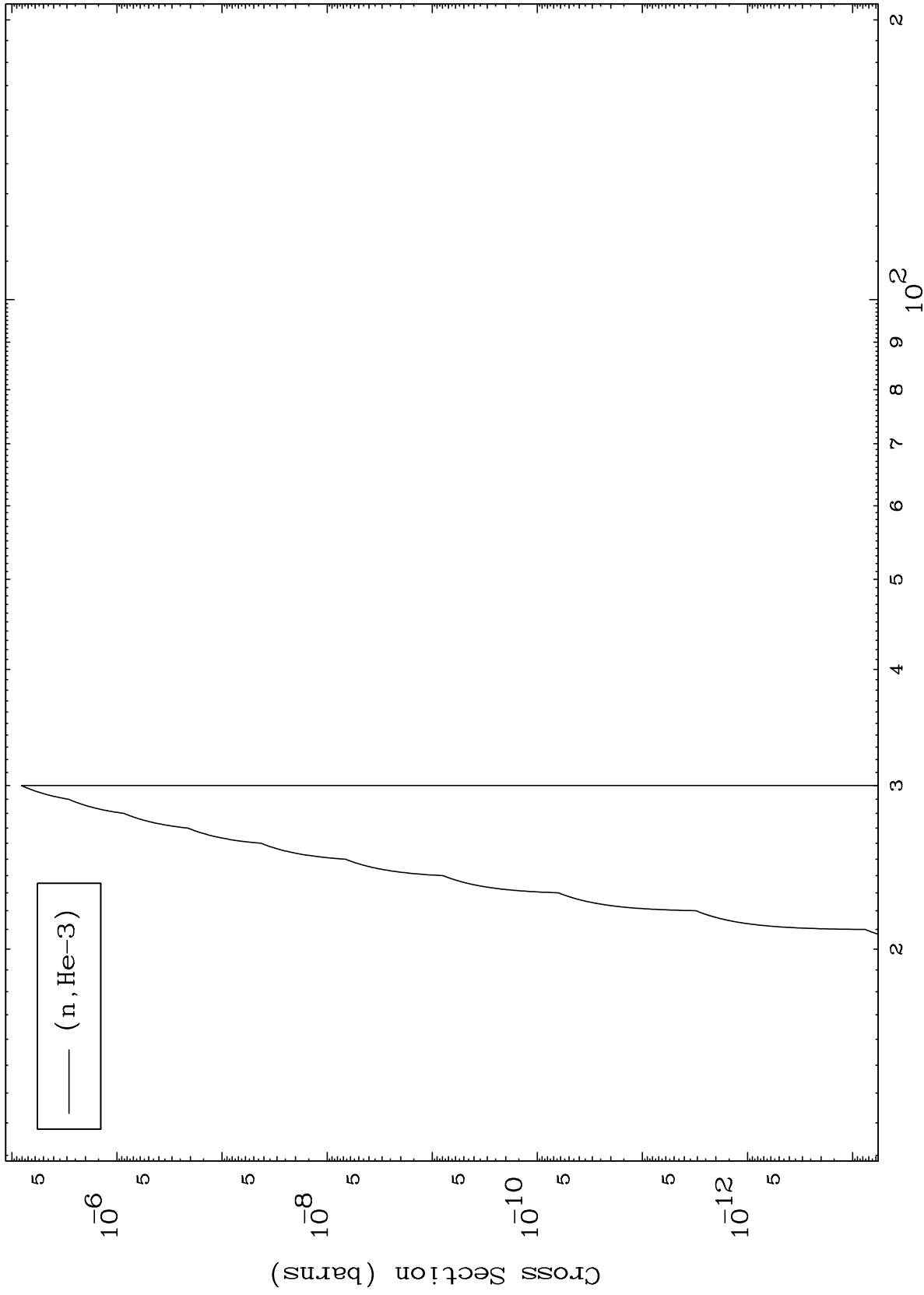
61-Pm-155



12

Incident Energy (MeV)

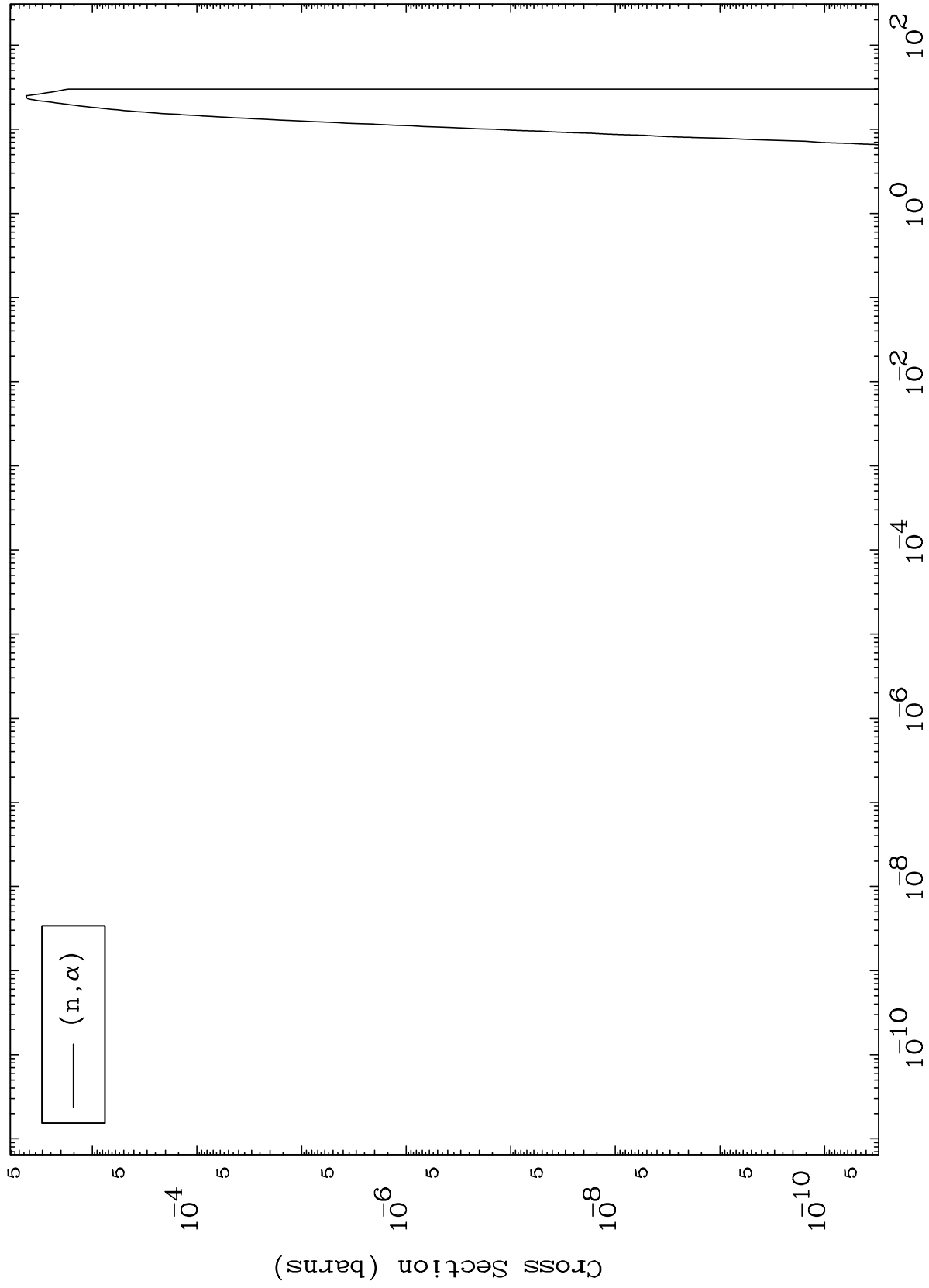
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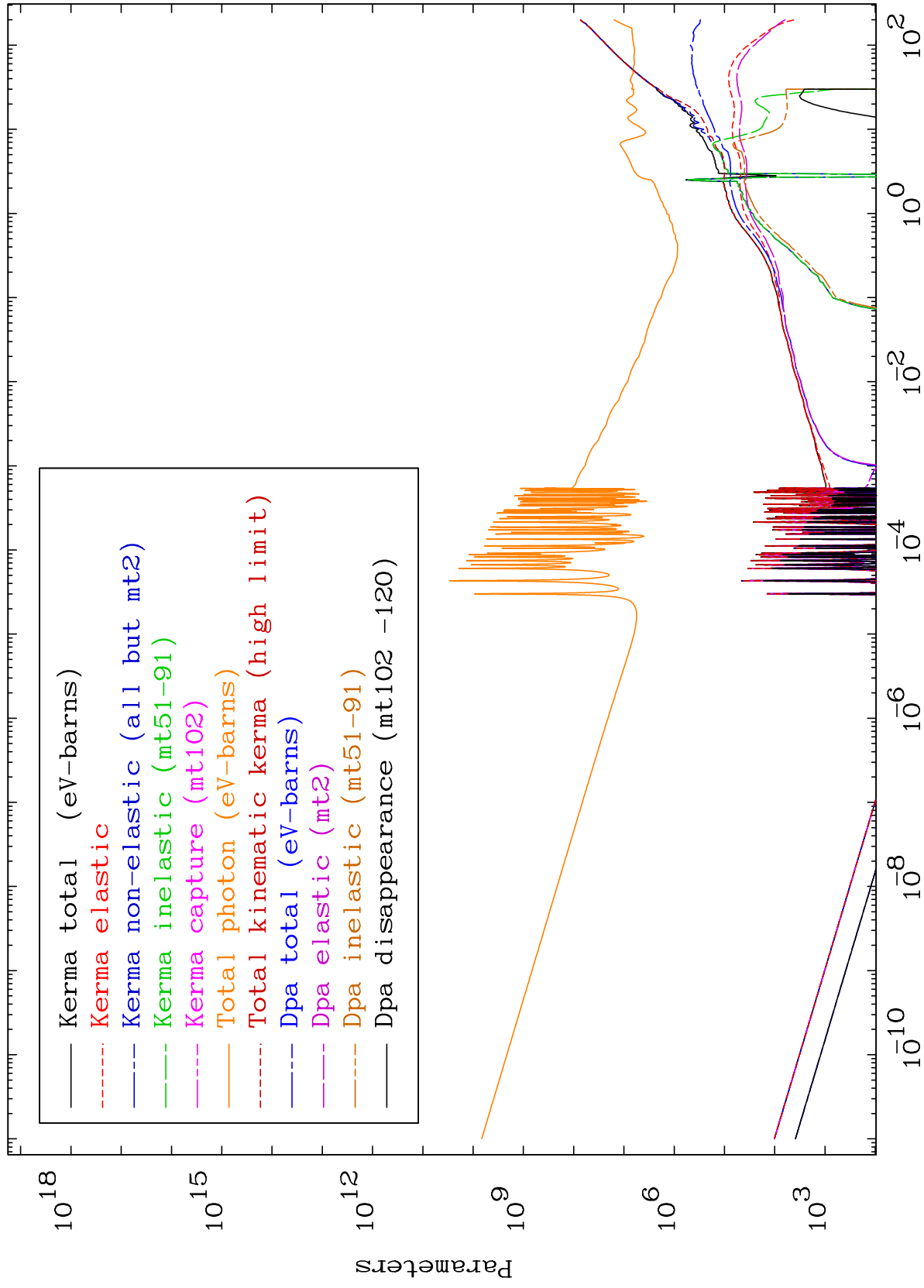


MAT 6173

(n,α) Levels
293 Kelvin Cross Sections

61-Pm-155

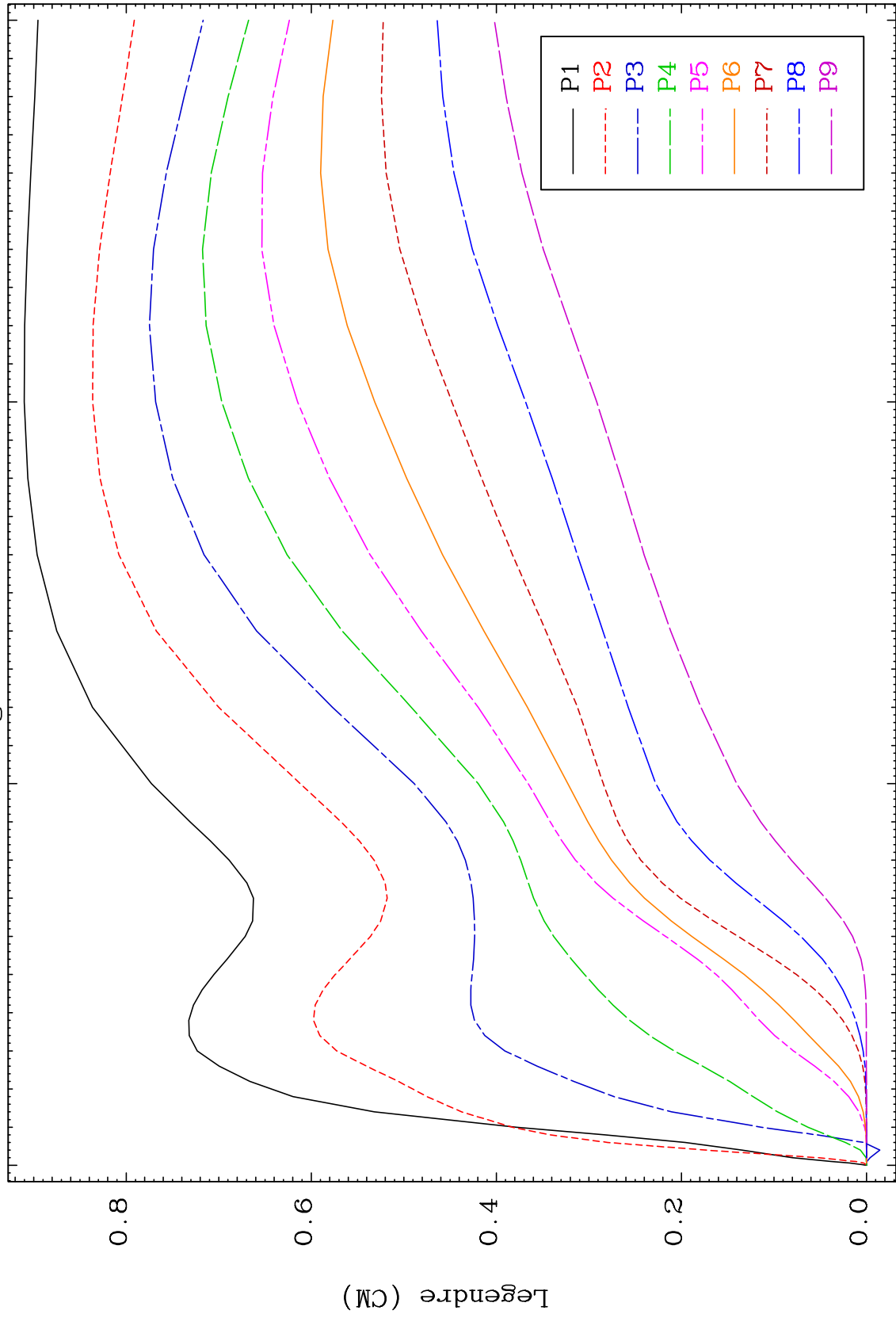




MAT 6173

Elastic Legendre Coefficients

61-Pm-155



16

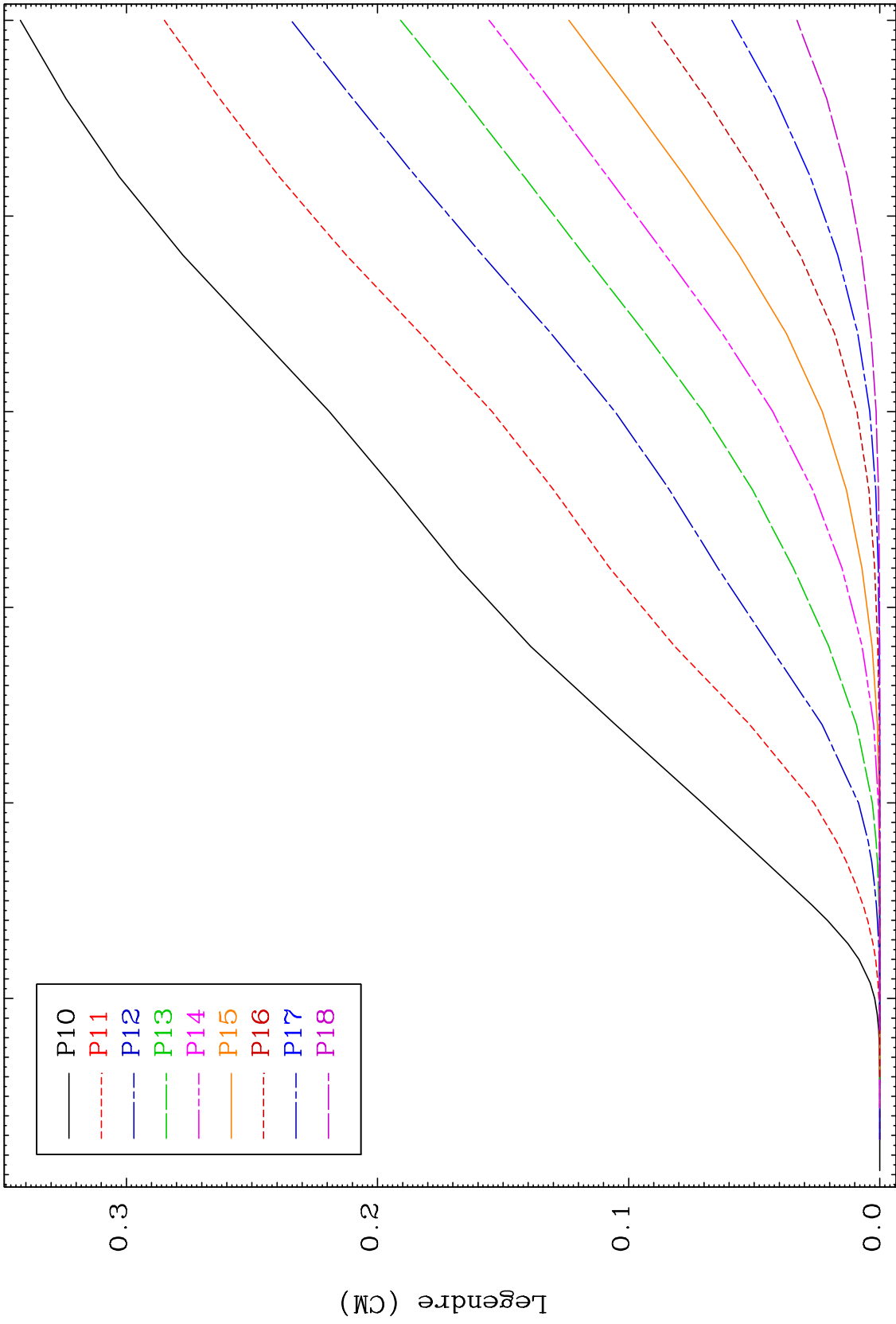
Incident Energy (MeV)

61-Pm-155

MAT 6173

Elastic Legendre Coefficients

61-Pm-155



17

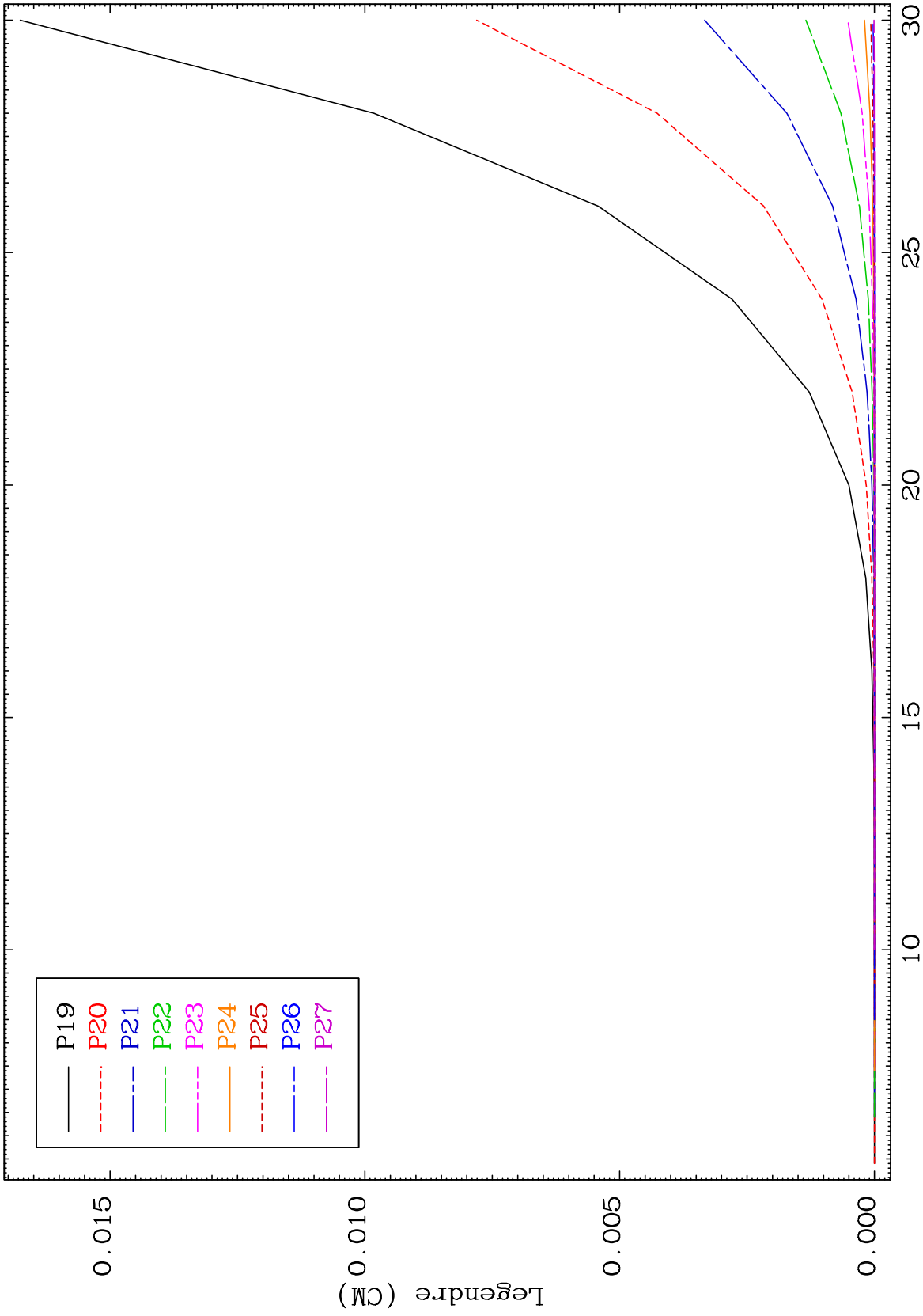
Incident Energy (MeV)

61-Pm-155

MAT 6173

Elastic Legendre Coefficients

61-Pm-155



18

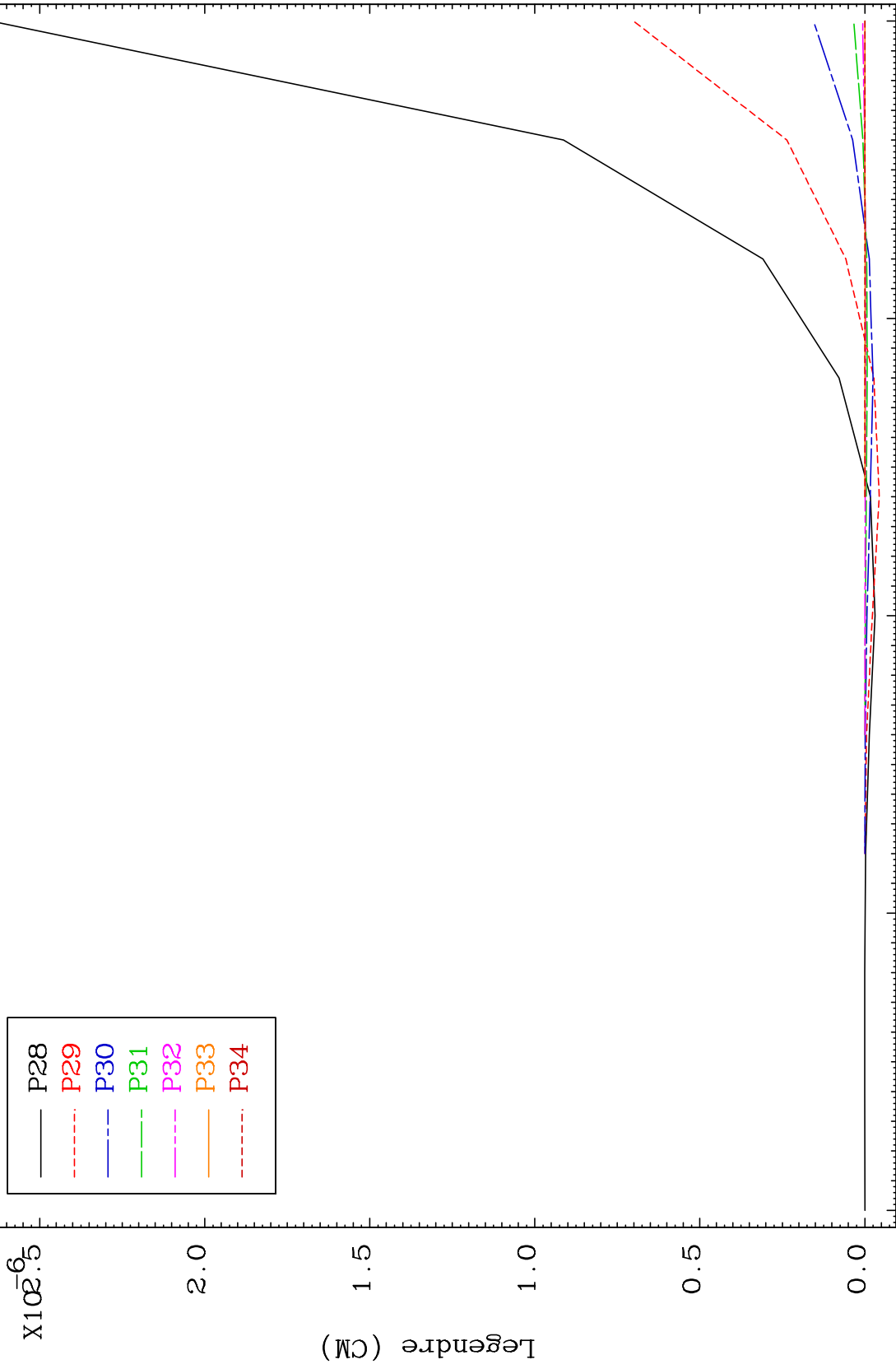
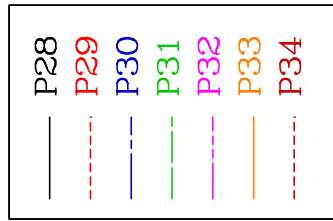
Incident Energy (MeV)

61-Pm-155

MAT 6173

Elastic Legendre Coefficients

61-Pm-155



19

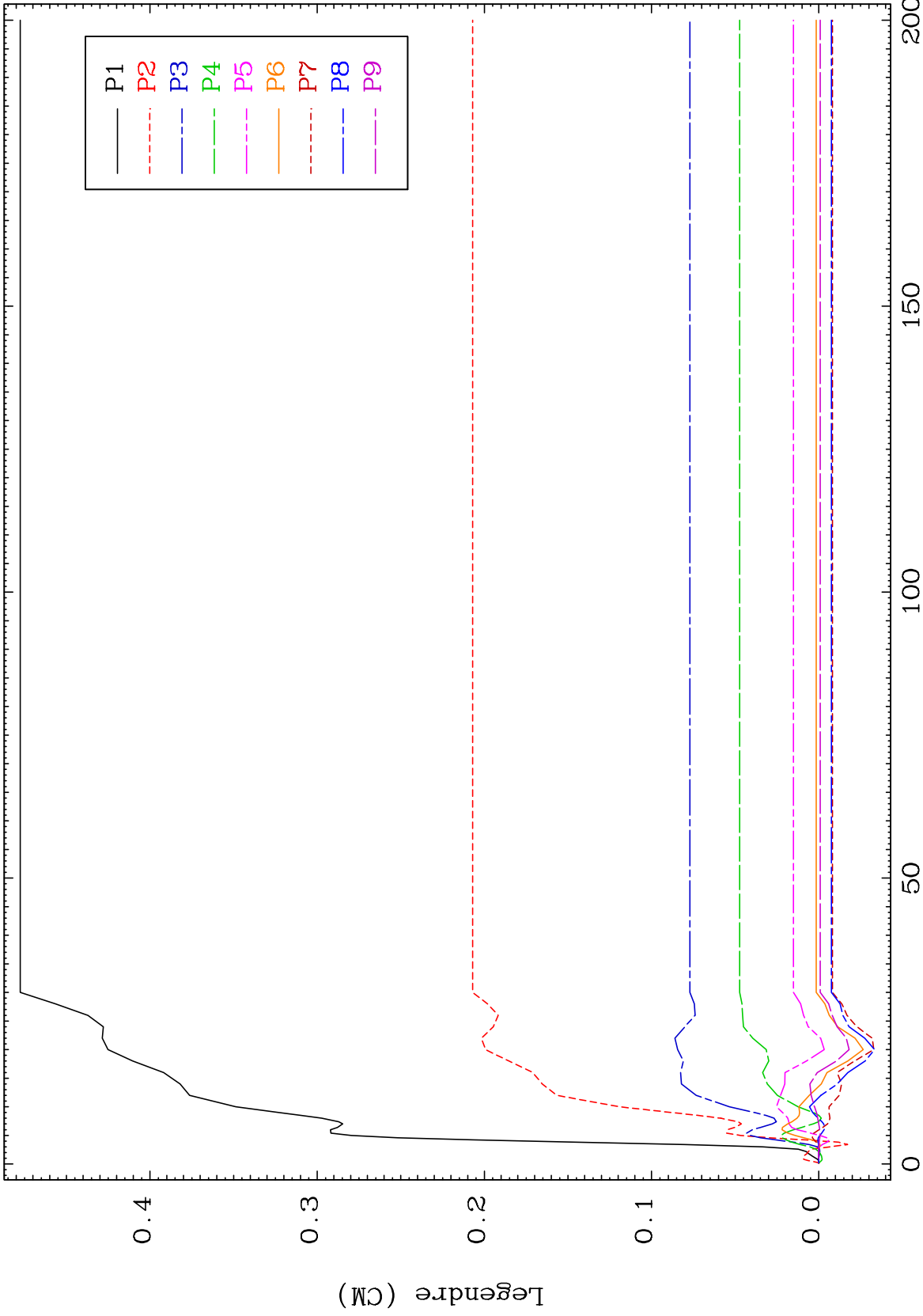
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



61-Pm-155

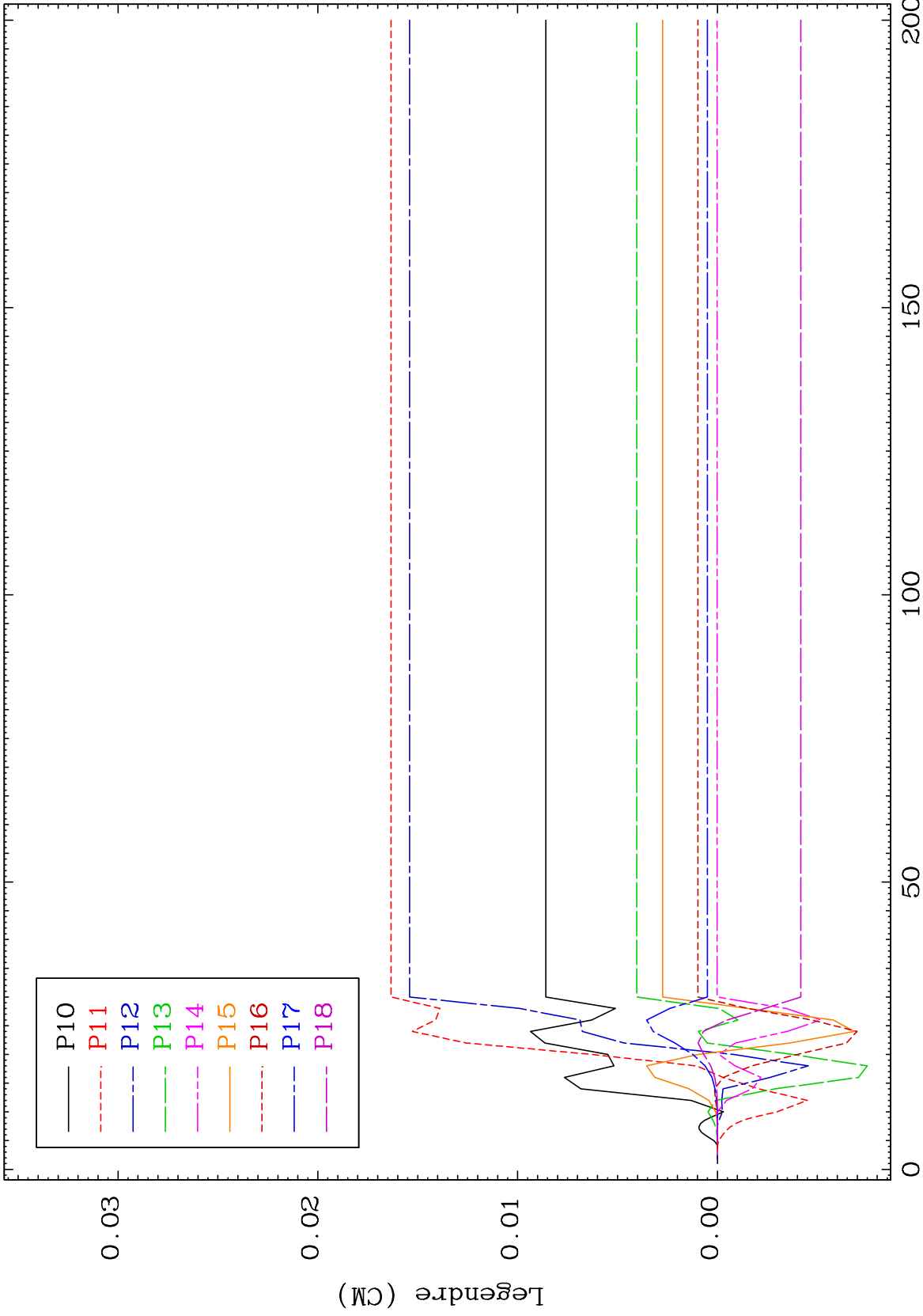
Incident Energy (MeV)

20

MAT 6173

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

61-Pm-155



21

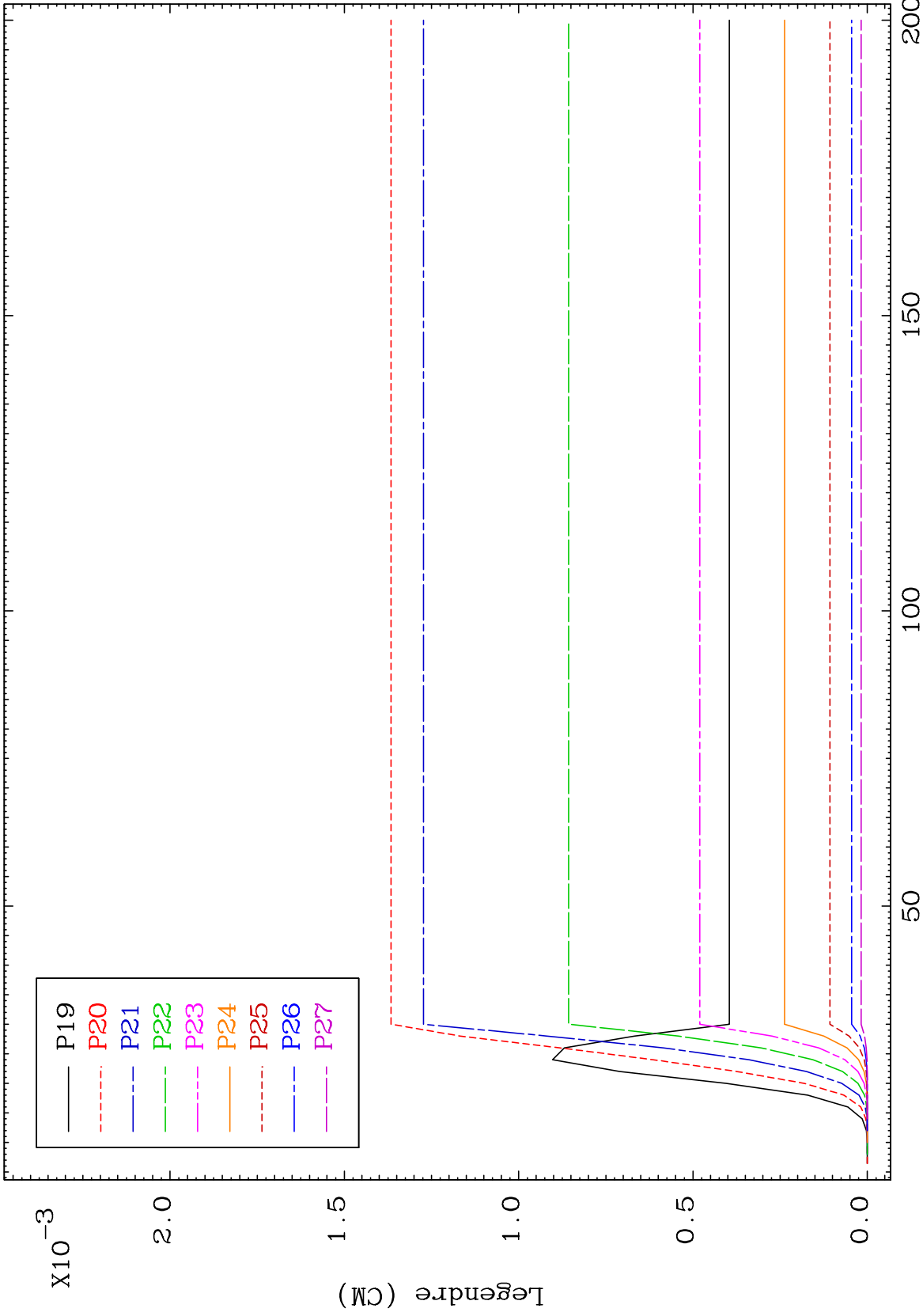
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



22

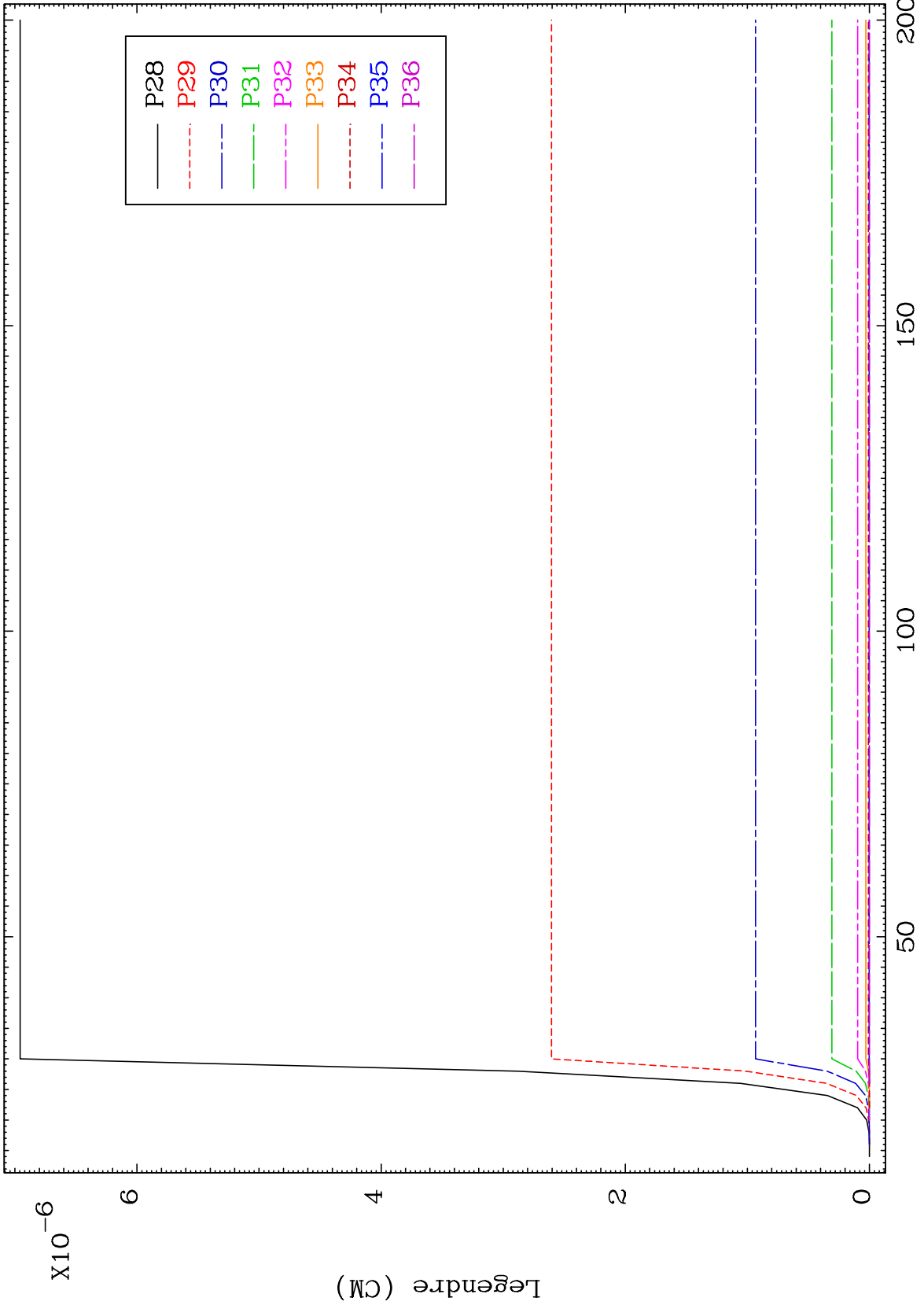
Incident Energy (MeV)

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MAT 6173

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

61-Pm-155



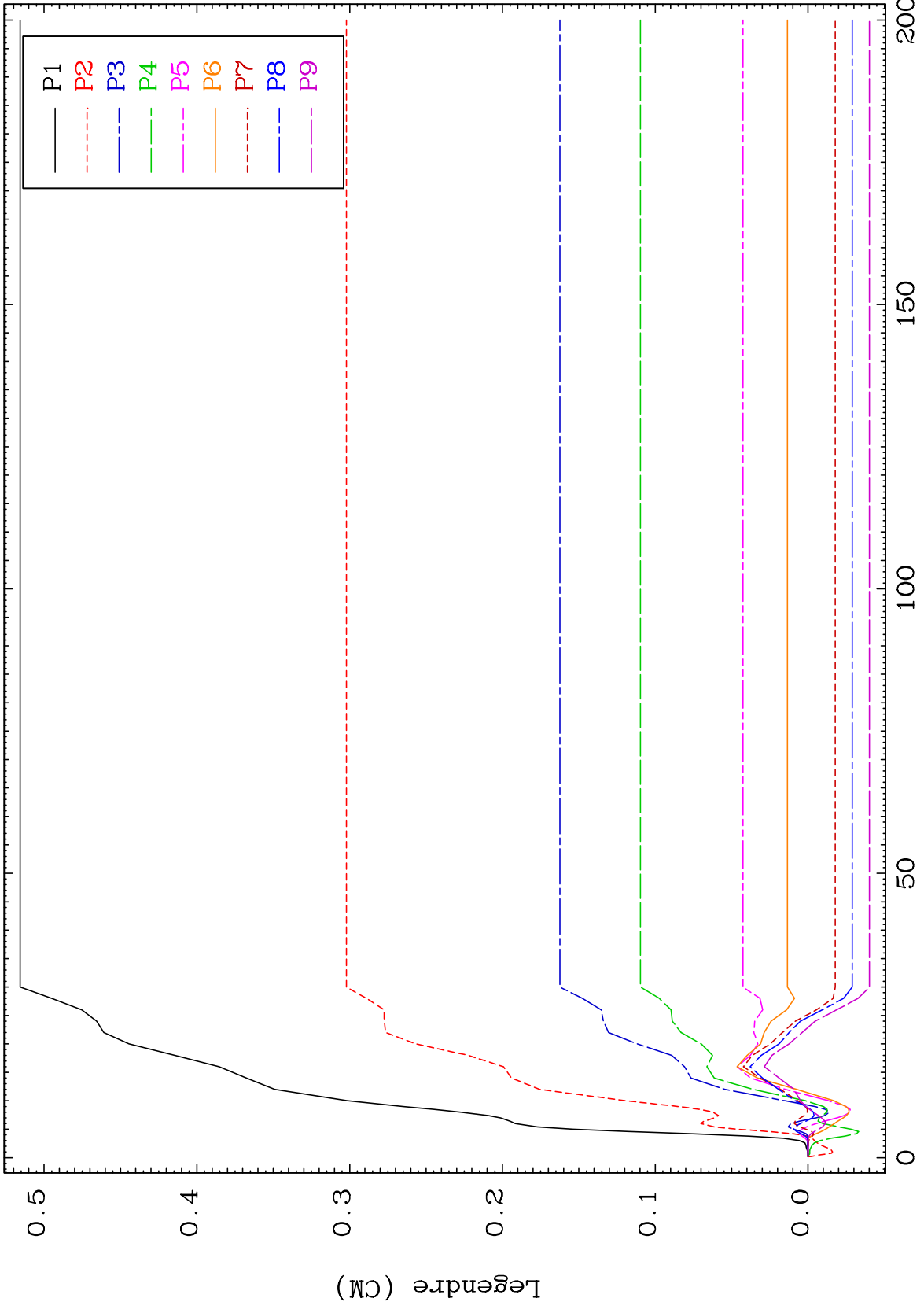
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61-Pm-155

MAT 6173

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

61-Pm-155



24

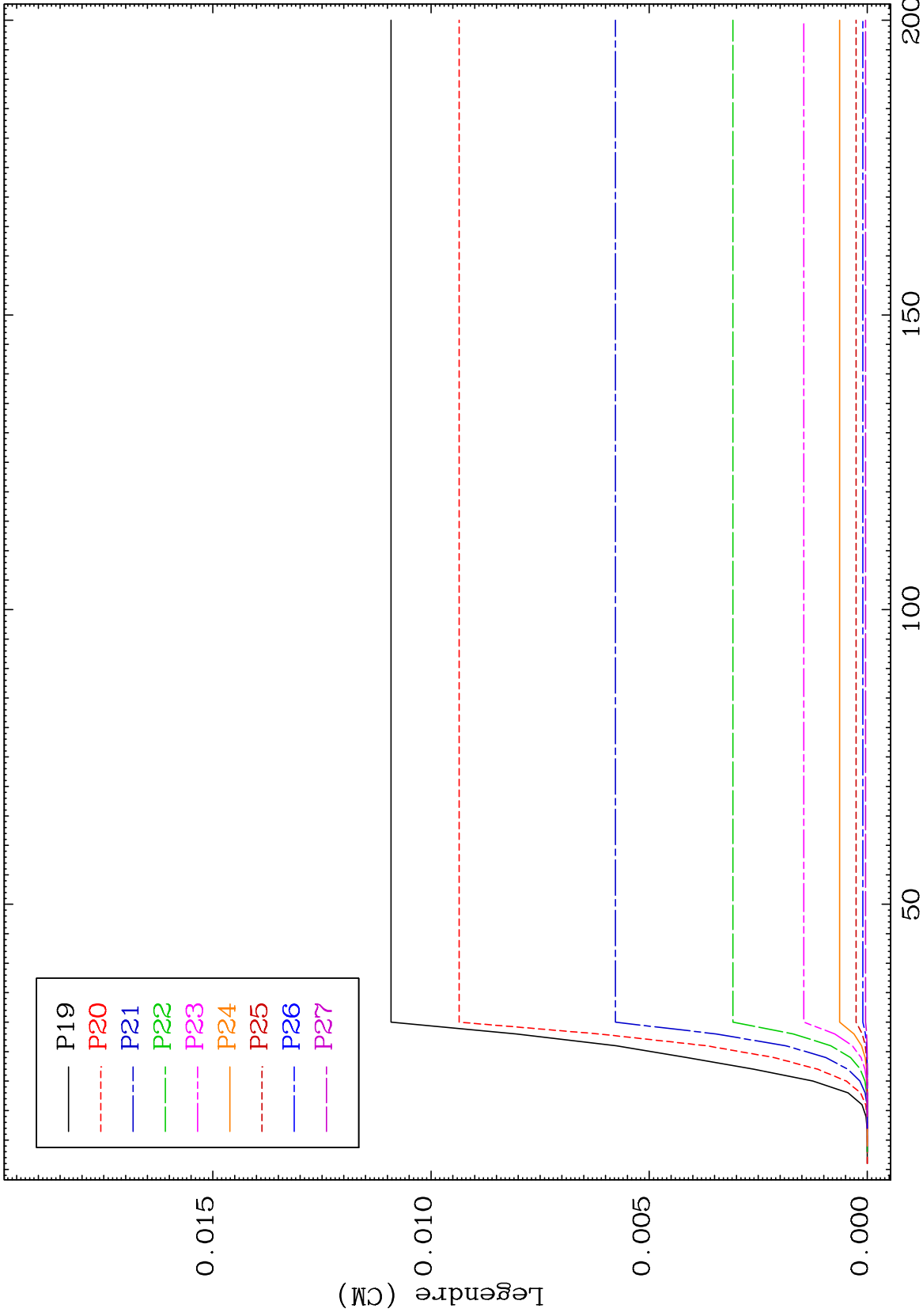
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



26

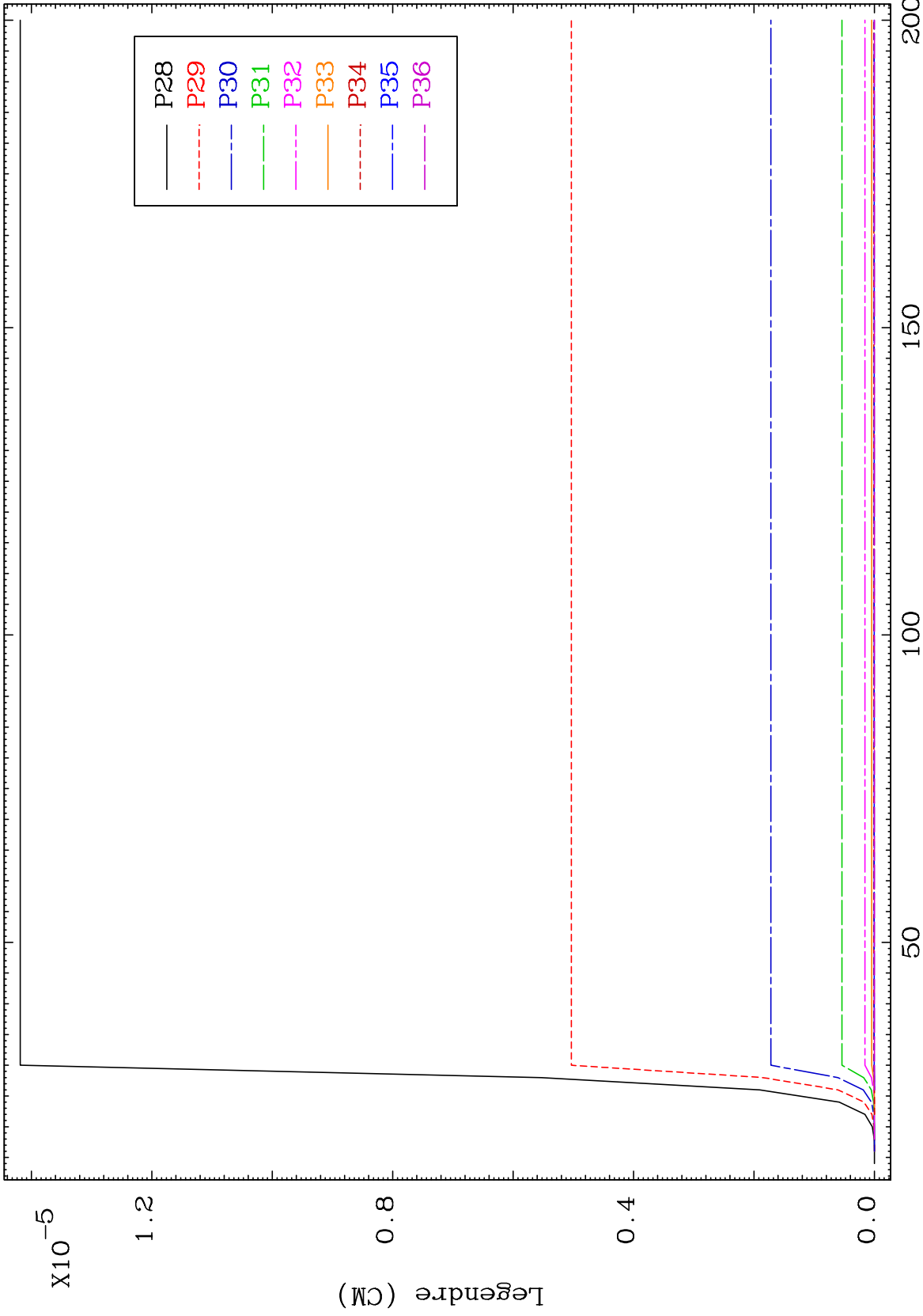
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



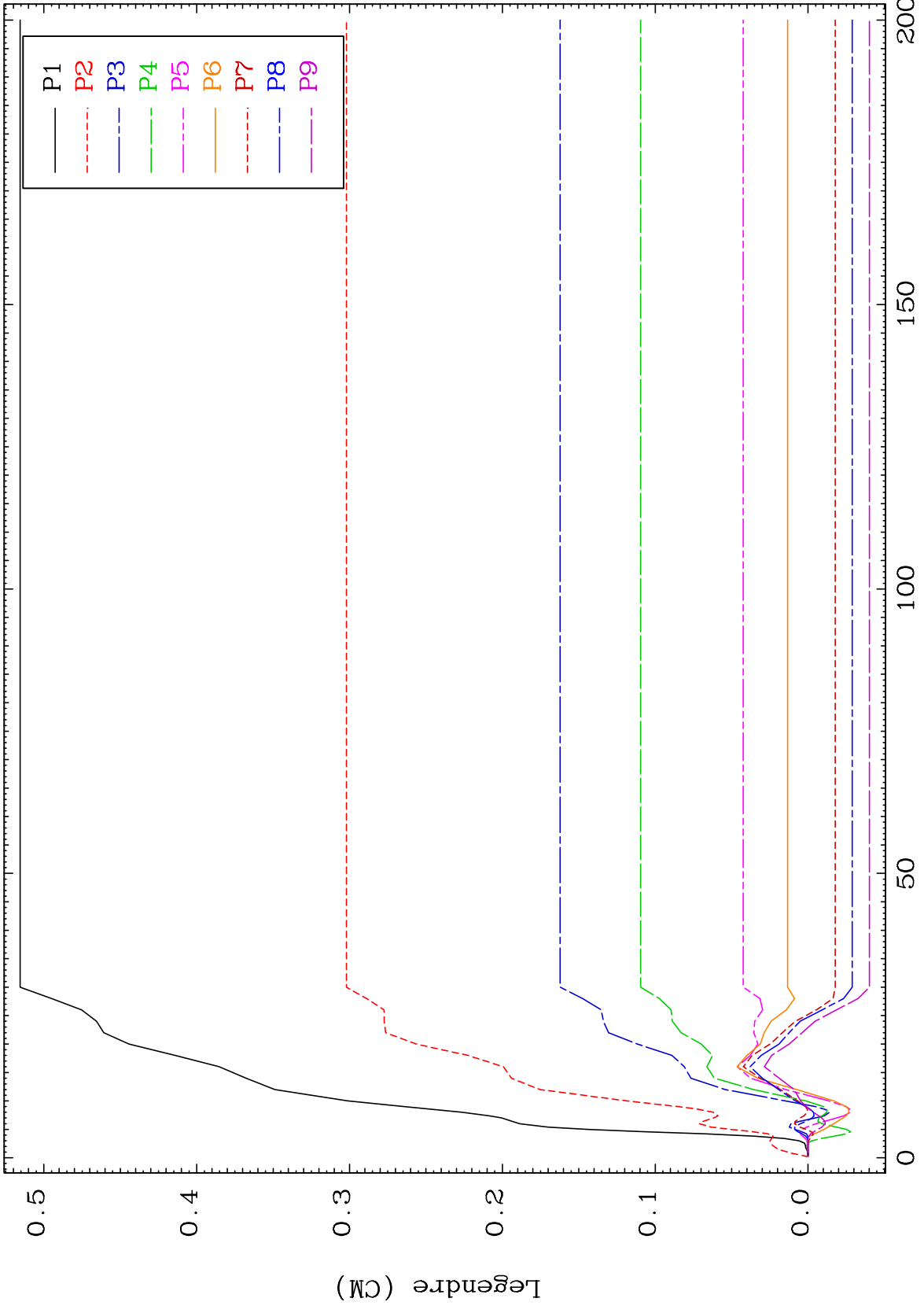
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61-Pm-155

MAT 6173

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

61-Pm-155

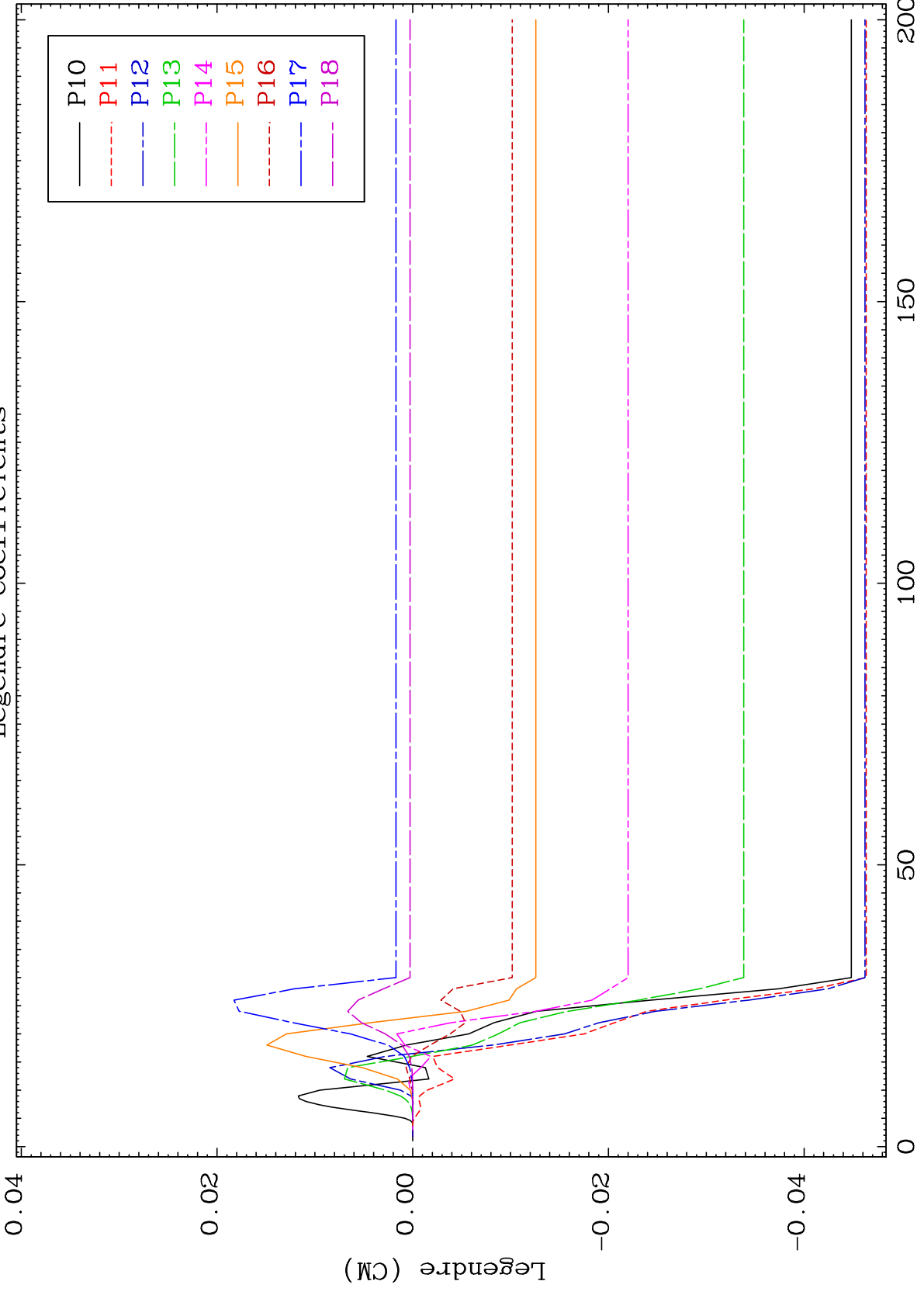


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Incident Energy (MeV)

61-Pm-155

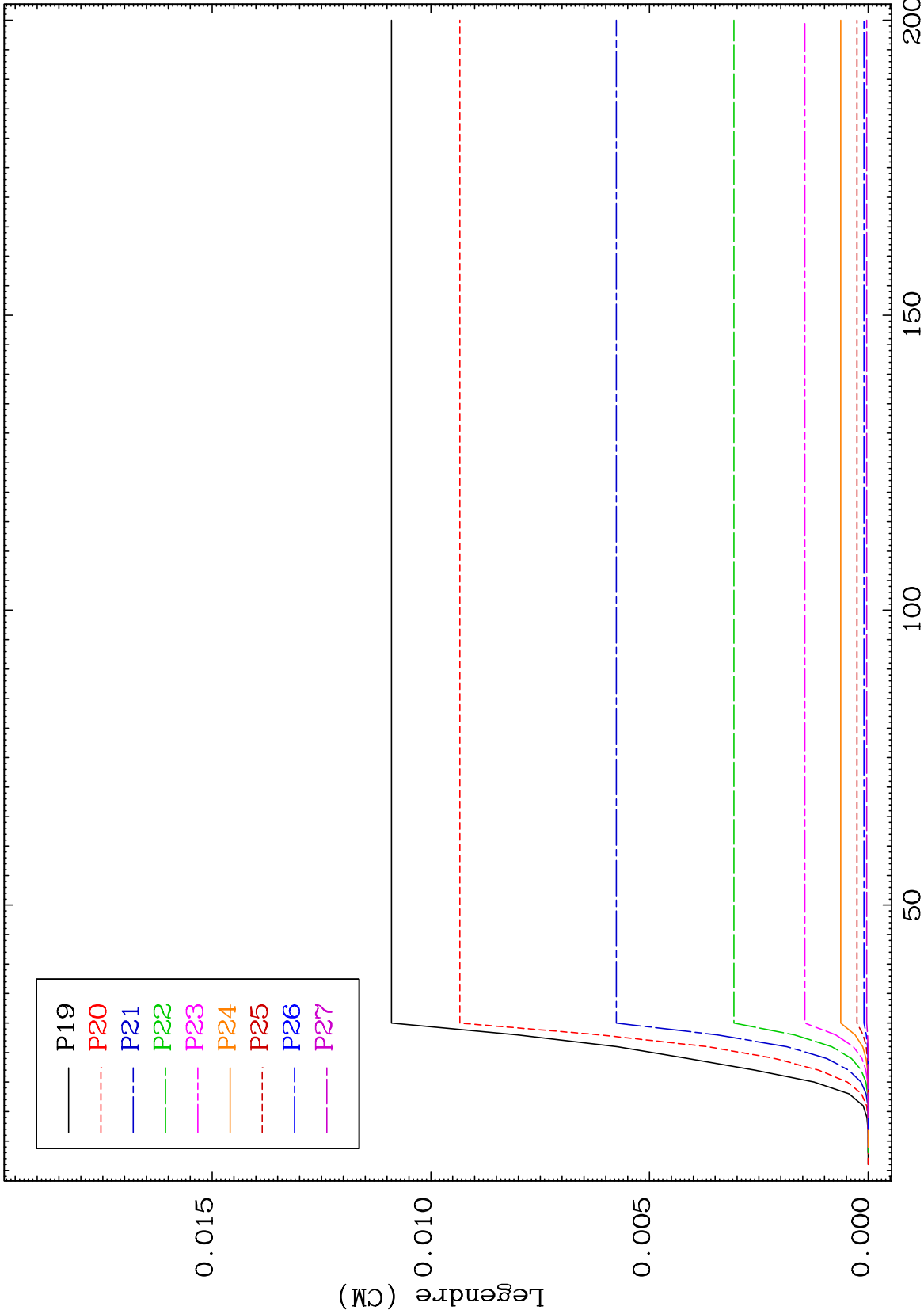
MAT 6173 MT= 53 (n,n') Level Legendre Coefficients 61-Pm-155



MAT 6173

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

61-Pm-155



30

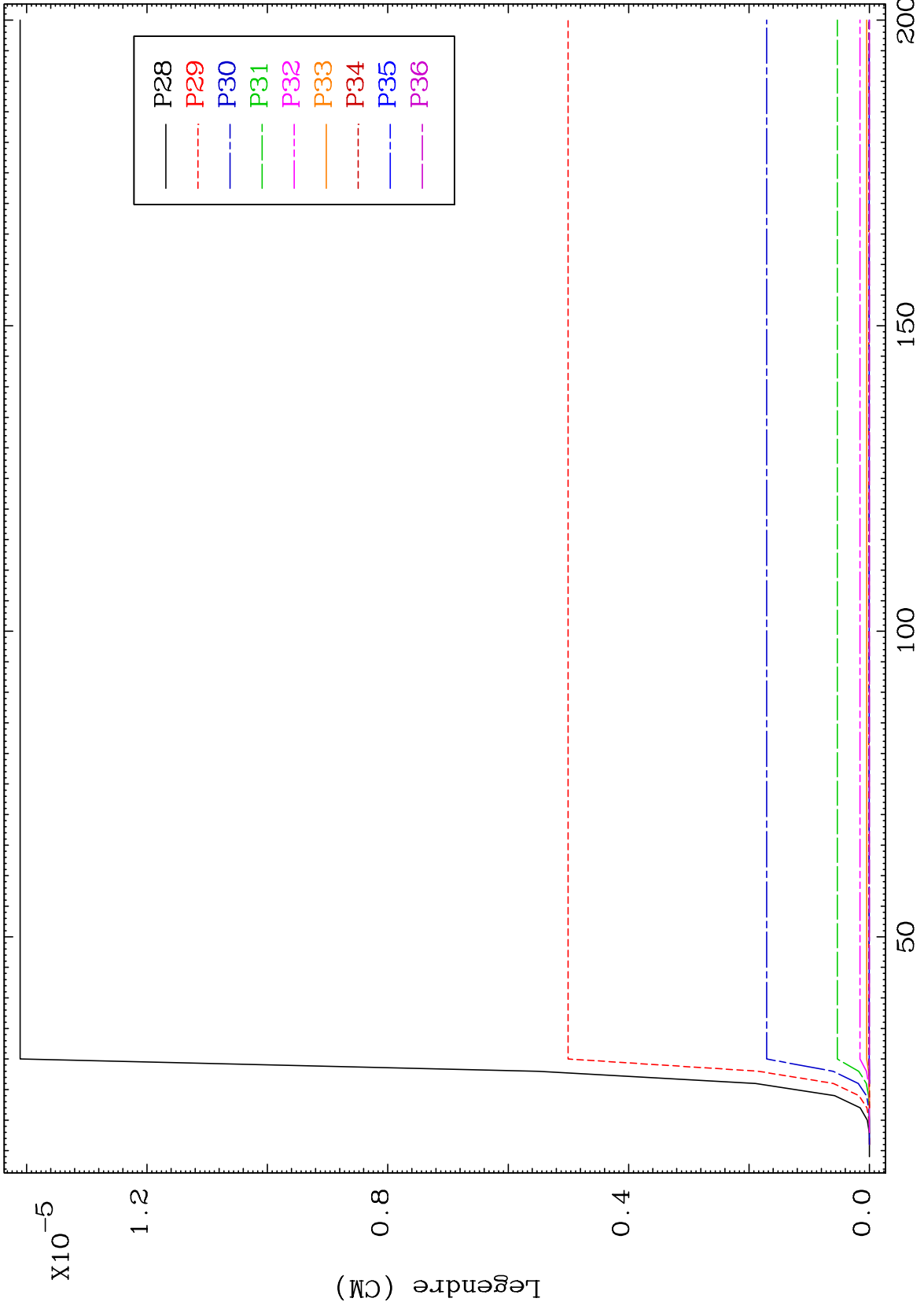
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



31

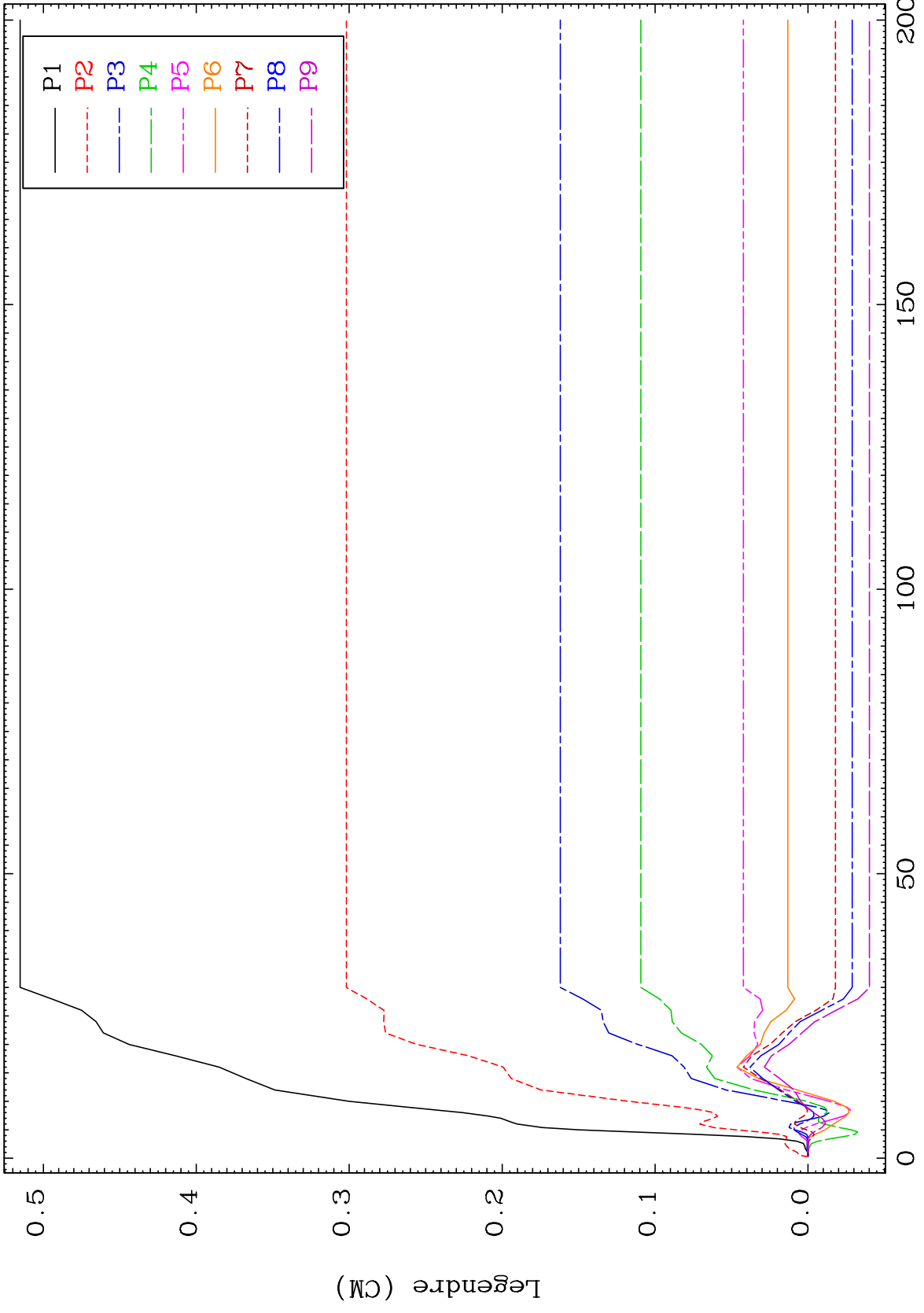
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



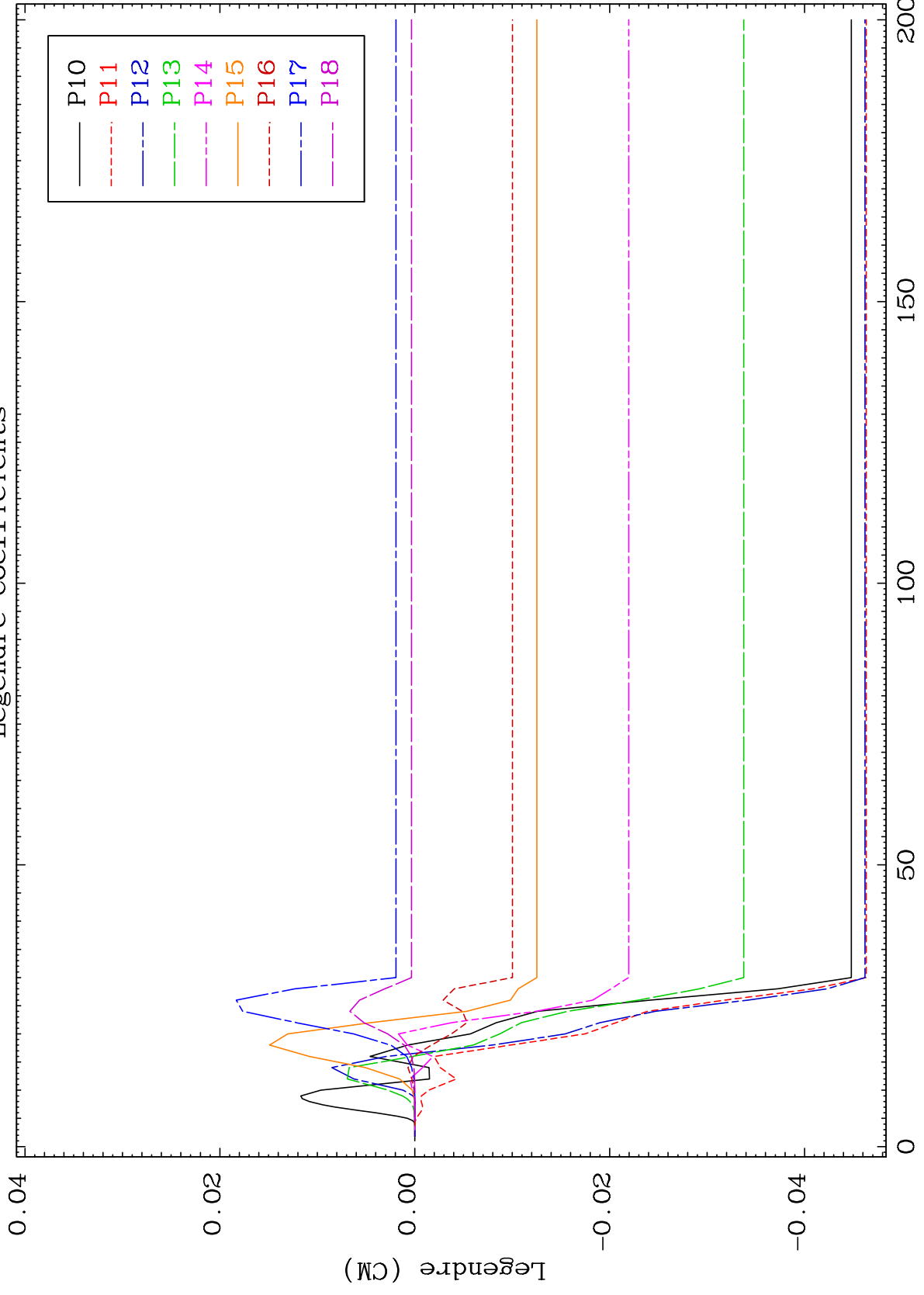
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MAT 6173

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

61-Pm-155



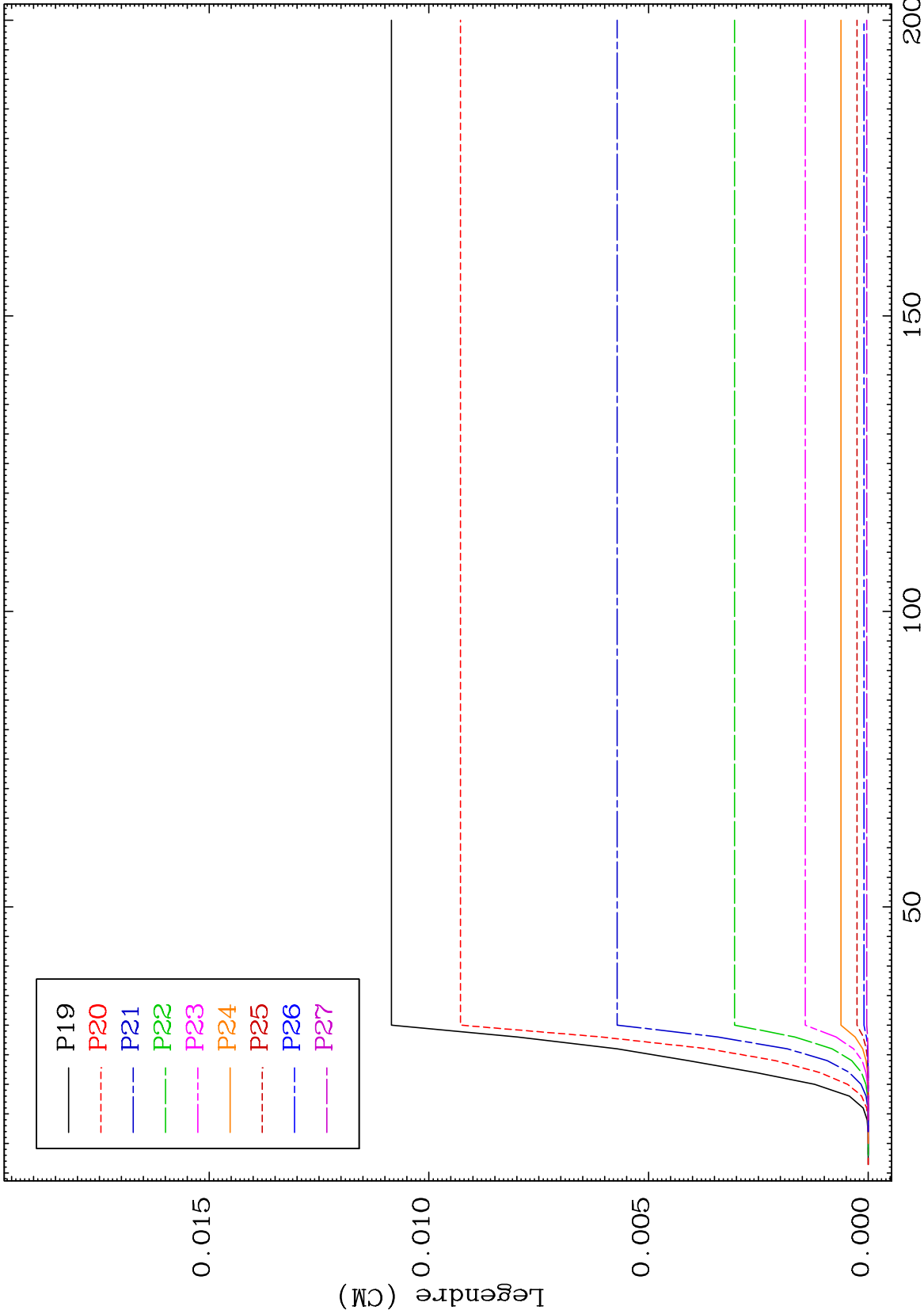
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61-Pm-155

MAT 6173

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

61-Pm-155



34

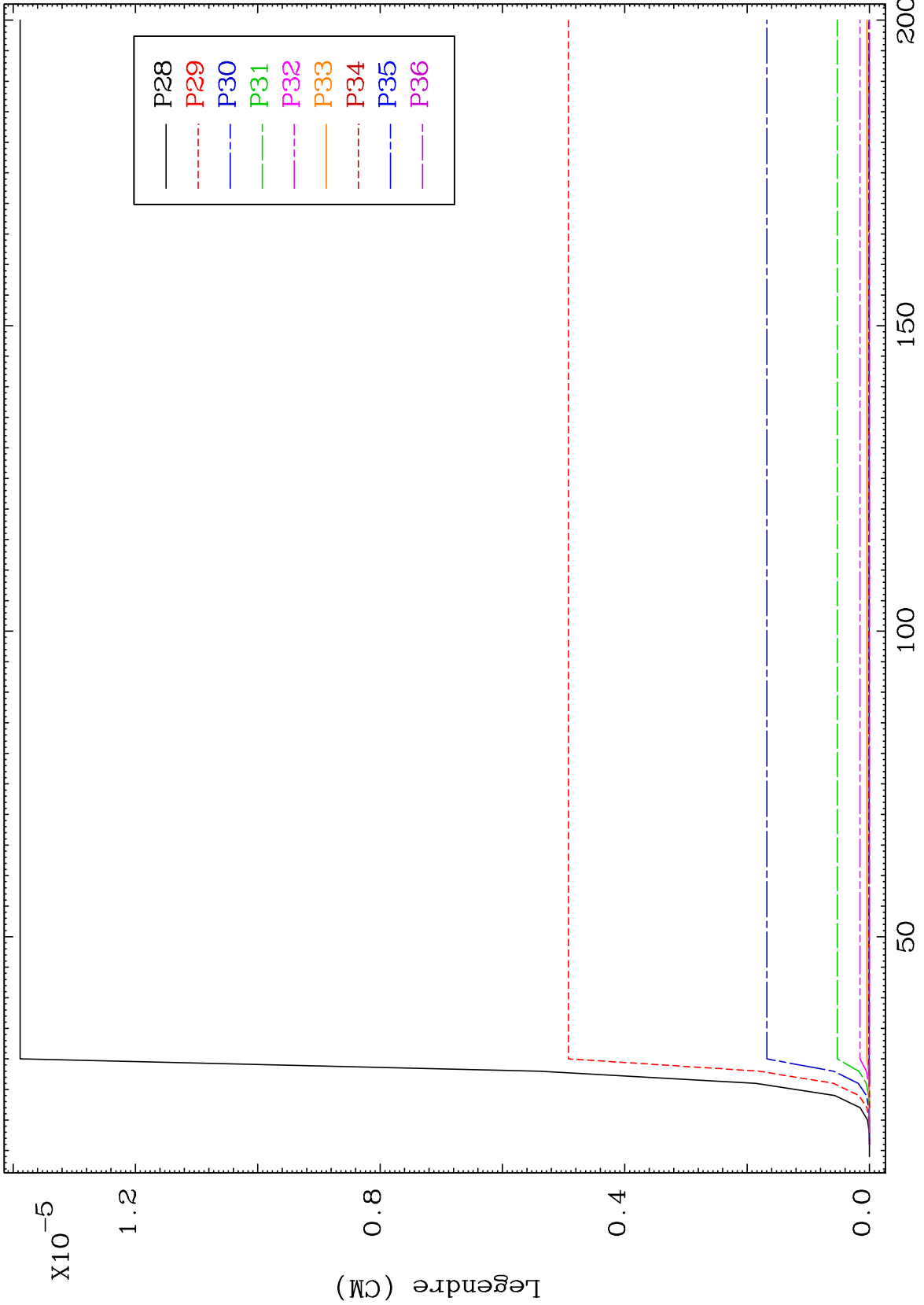
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



35

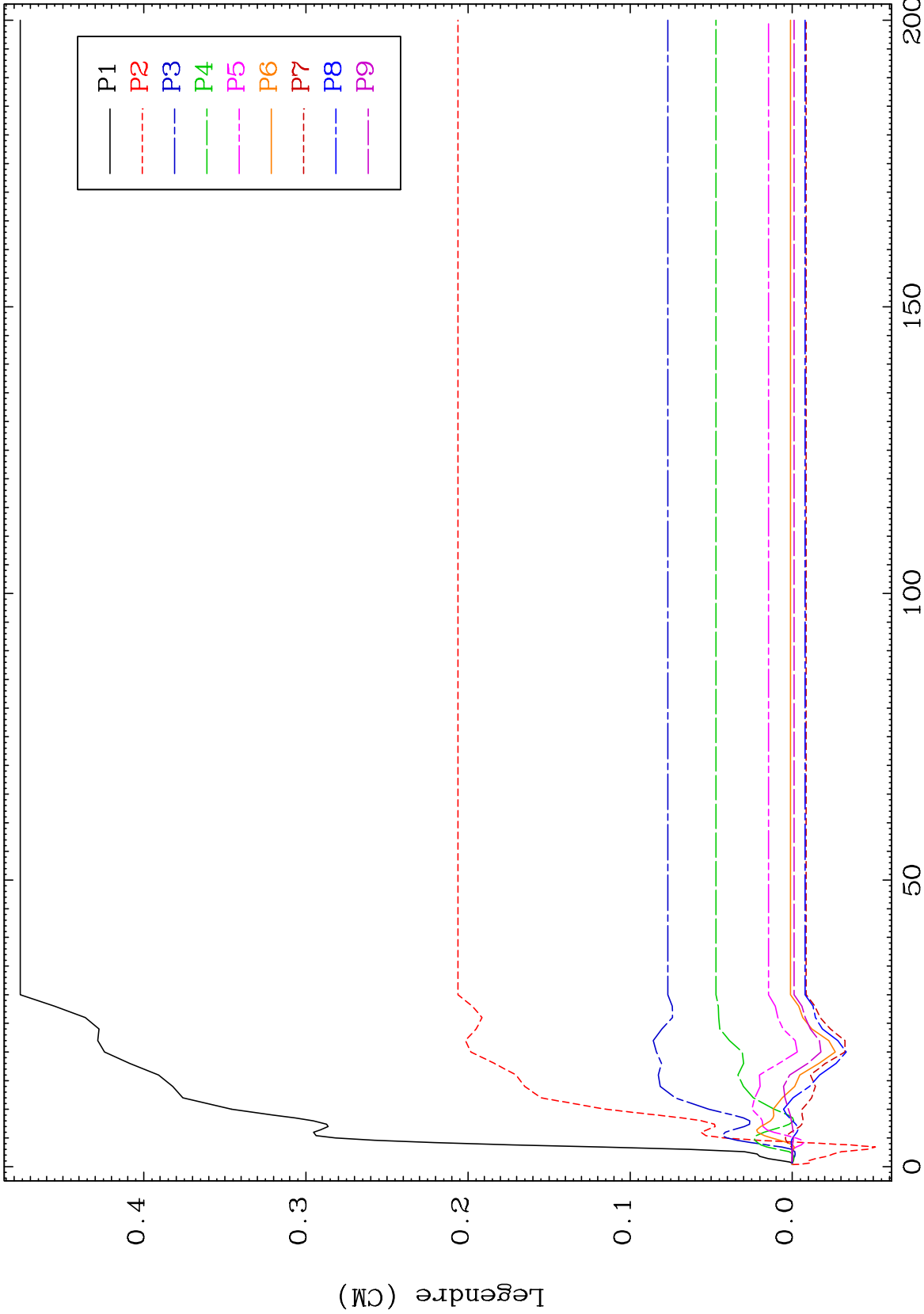
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



36

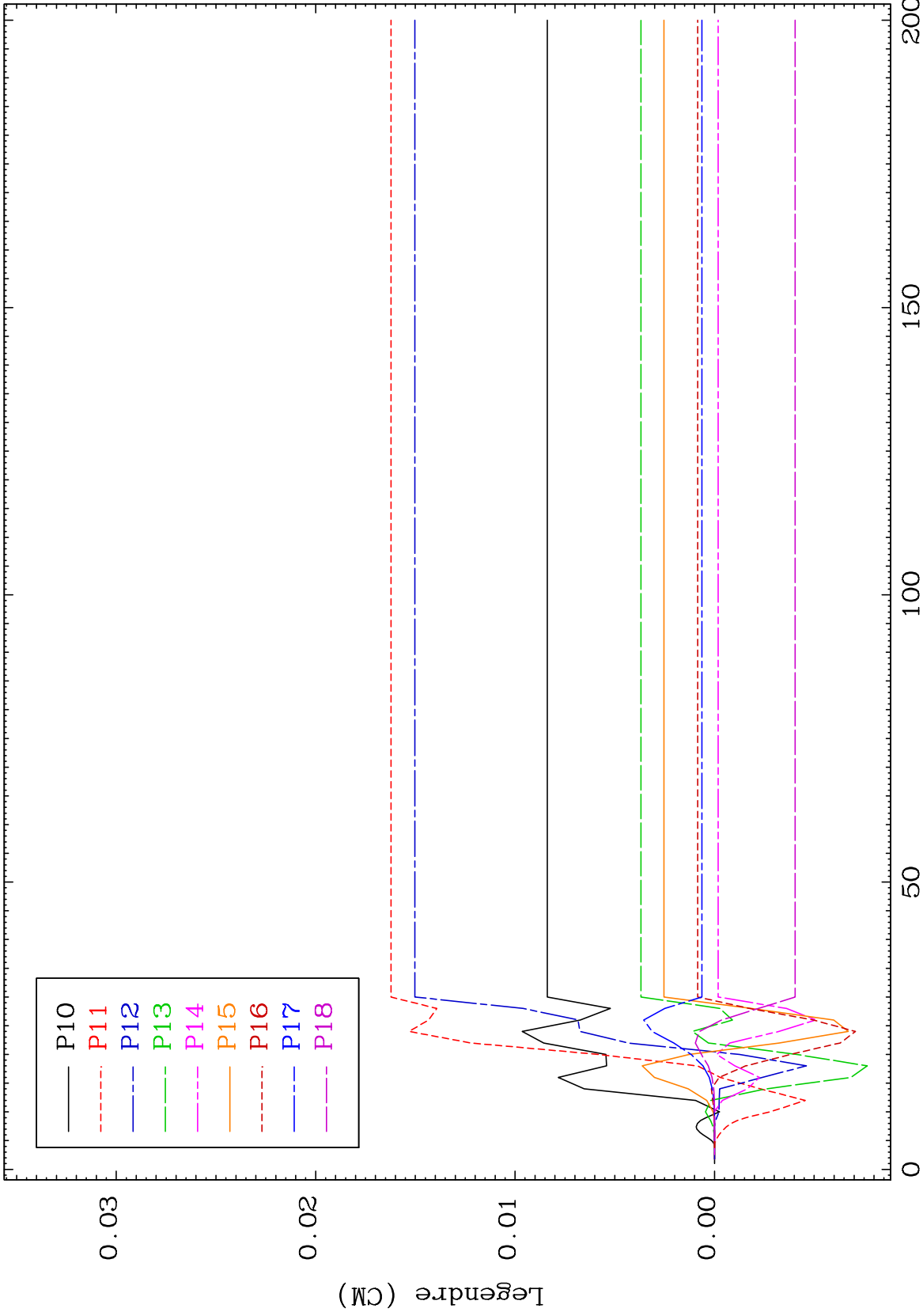
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



37

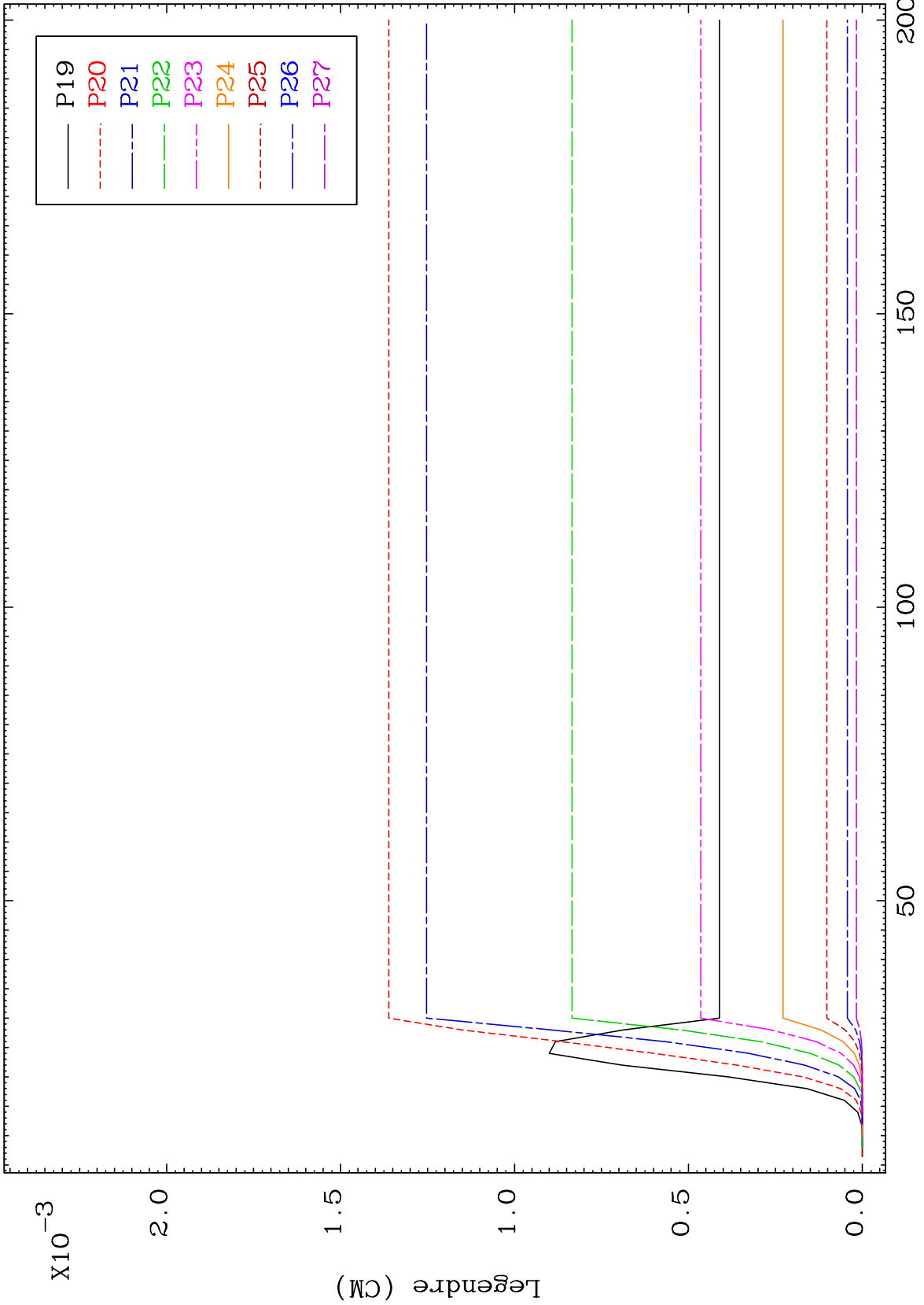
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



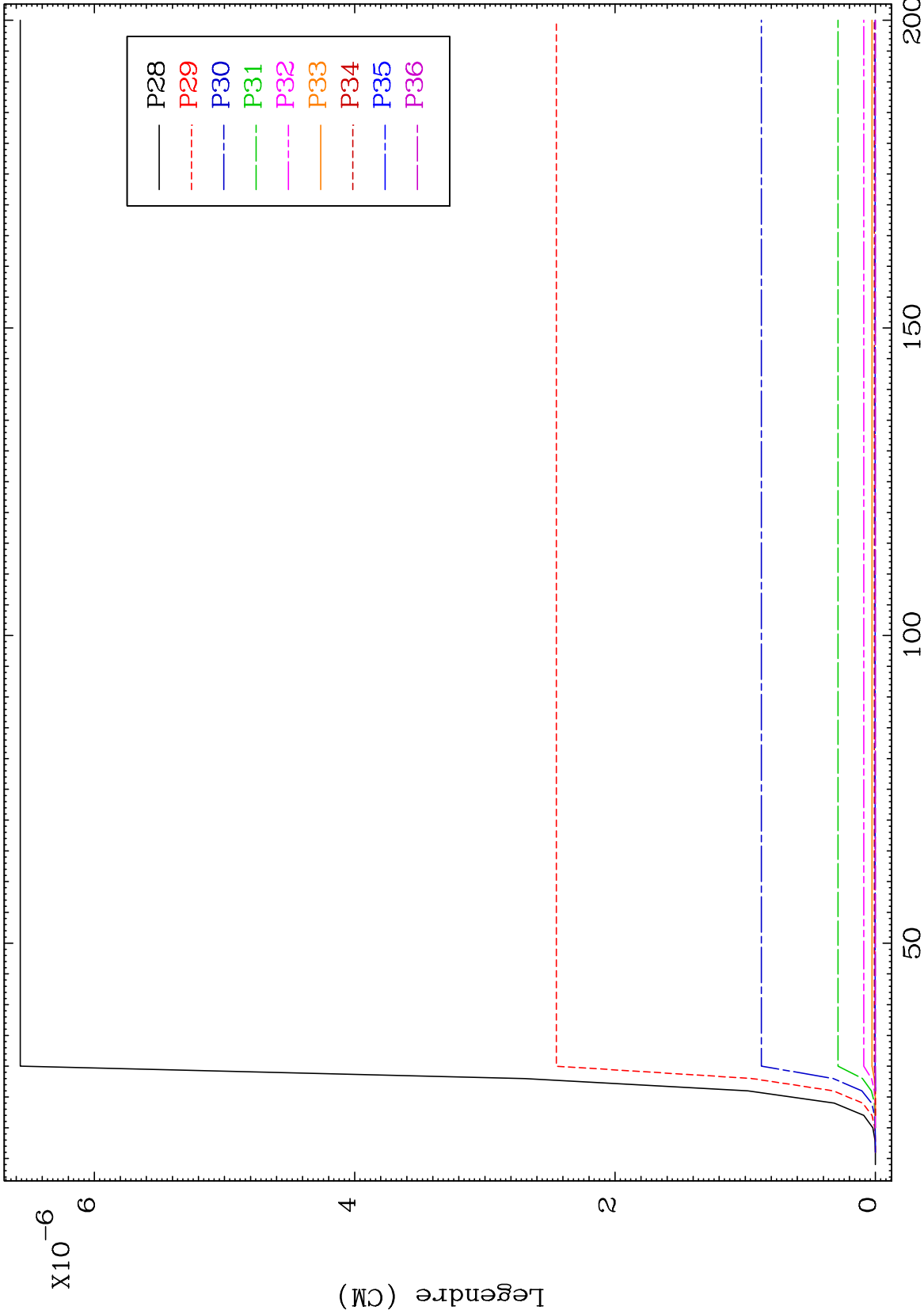
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61-Pm-155

MAT 6173

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

61-Pm-155



39

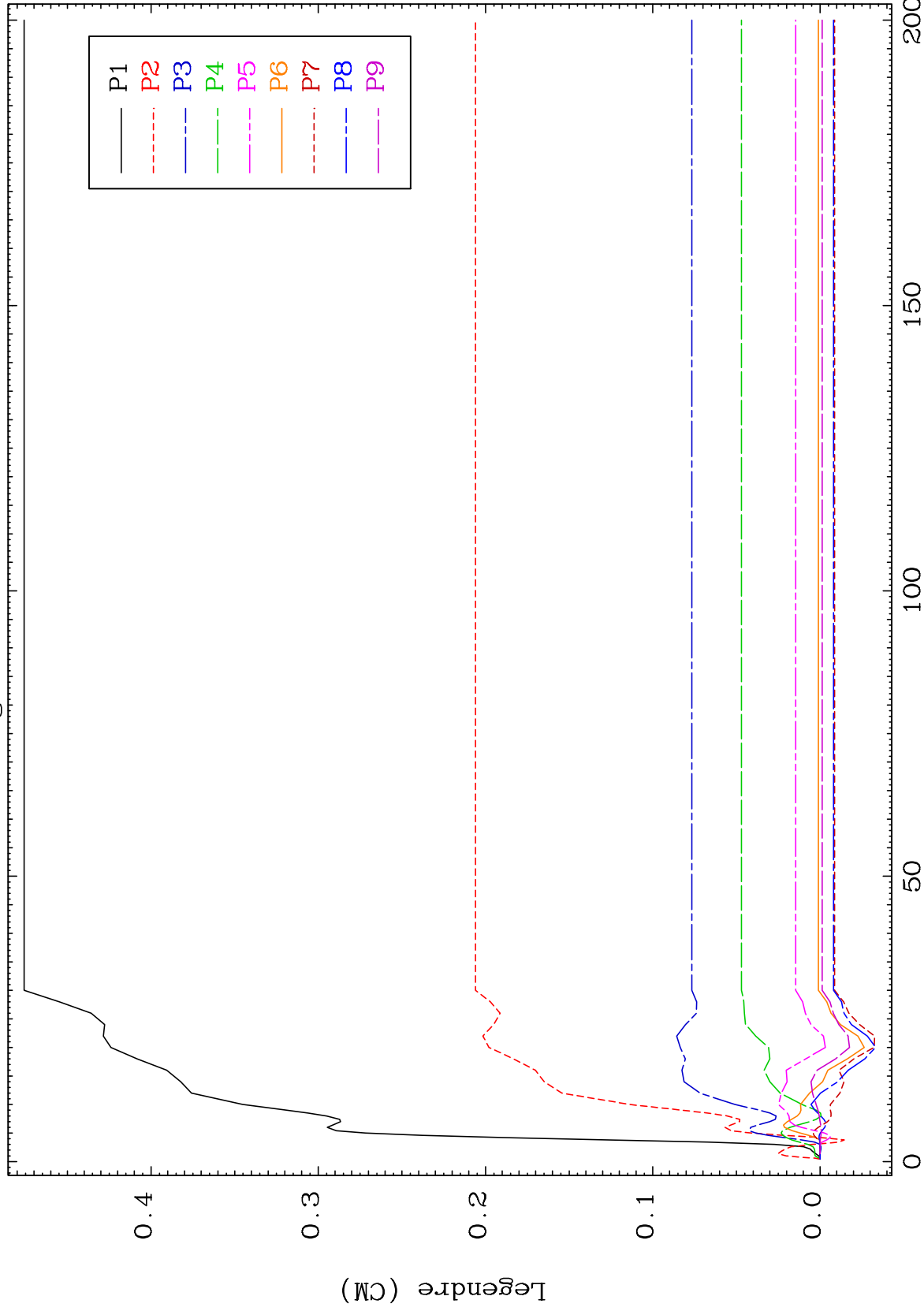
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



61-Pm-155

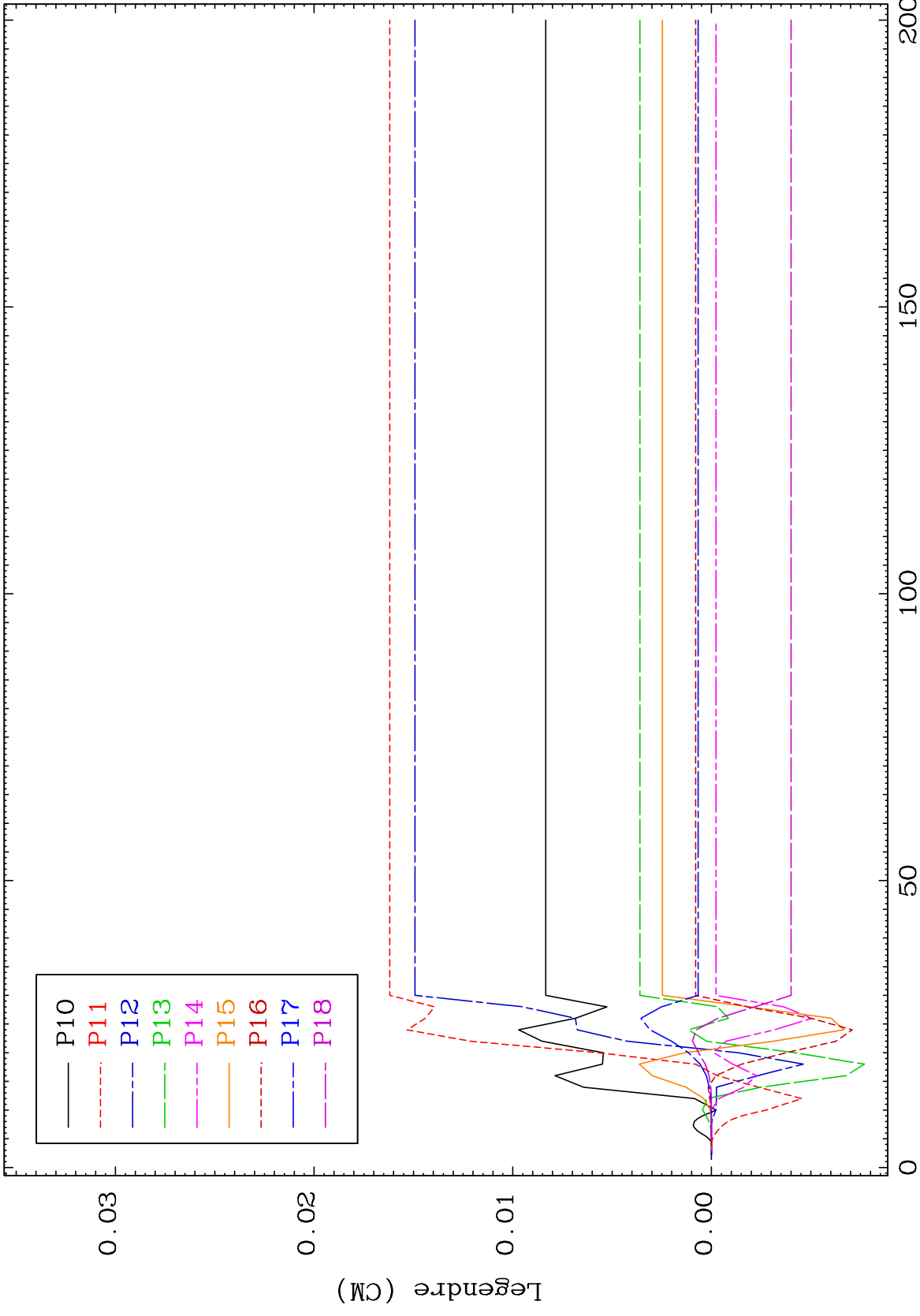
Incident Energy (MeV)

40

MAT 6173

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

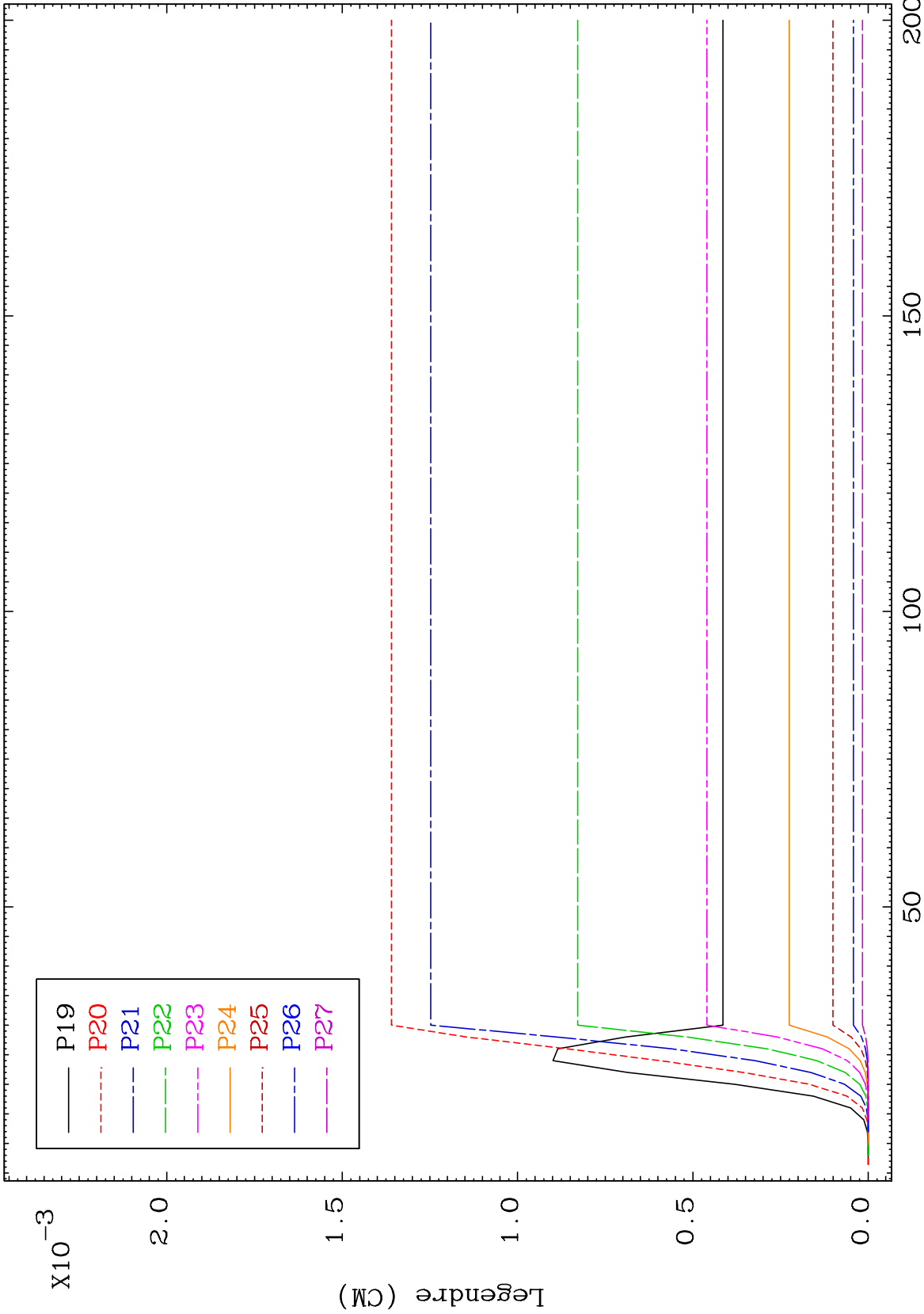
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MAT 6173

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

61-Pm-155



42

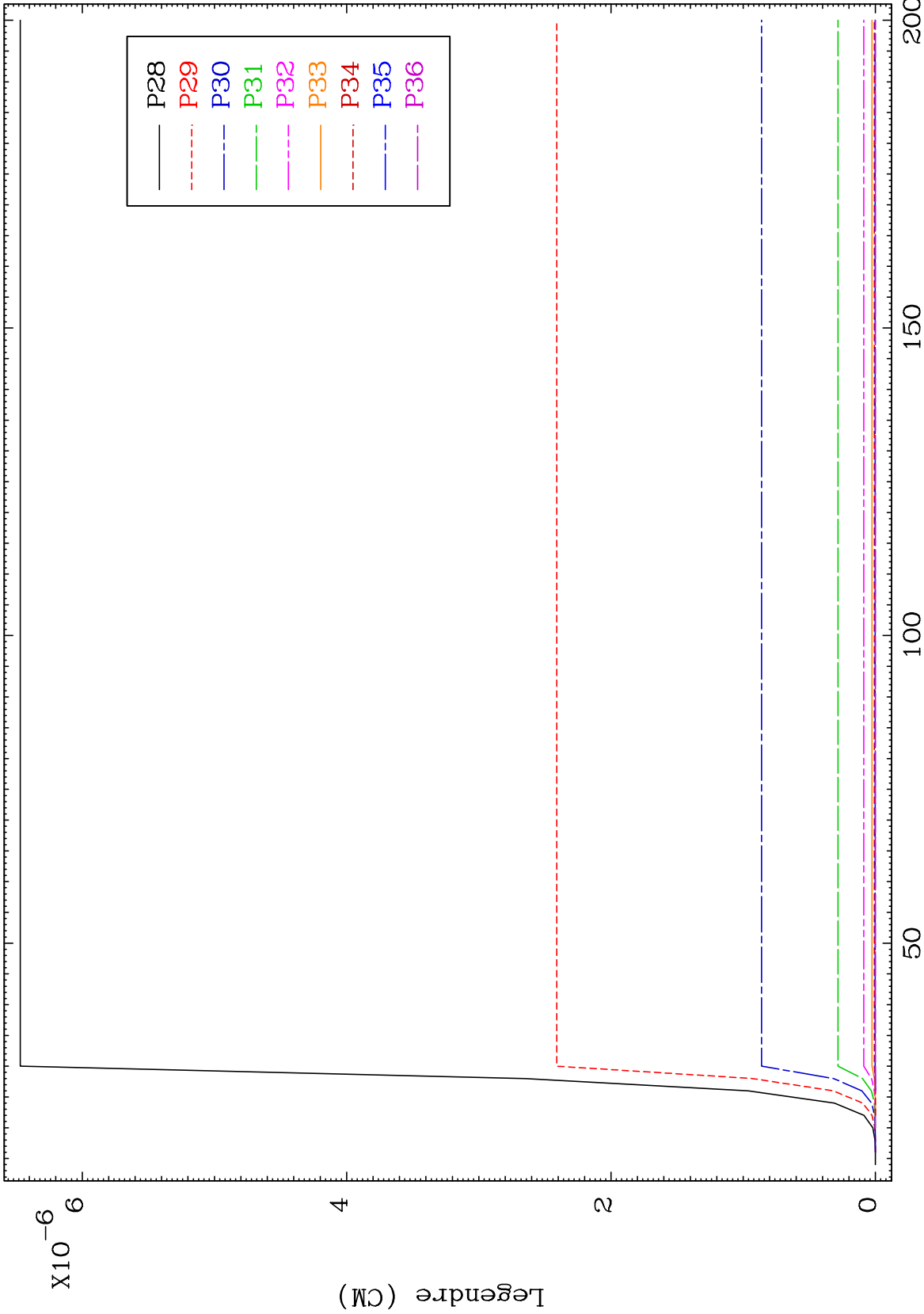
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



43

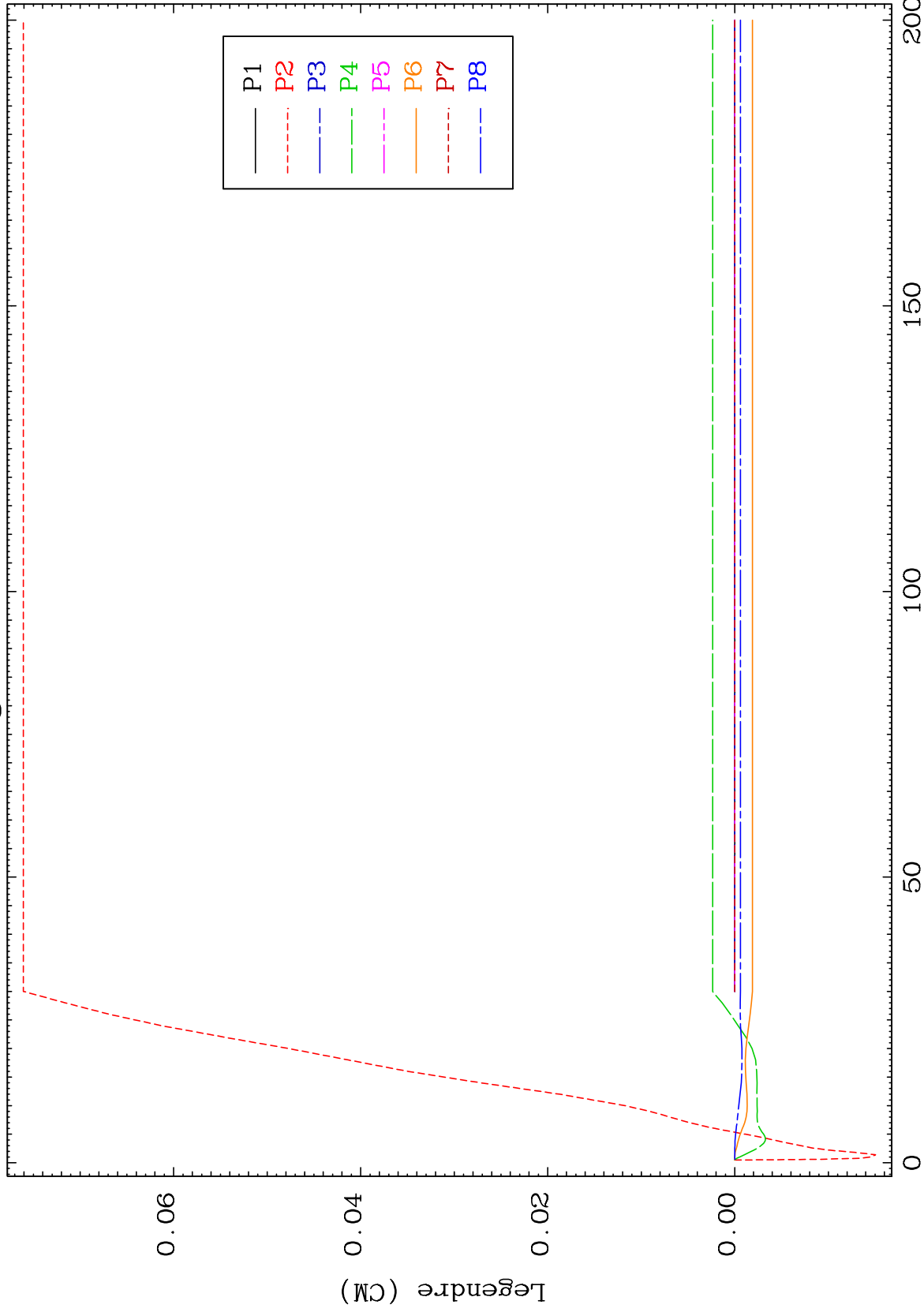
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155

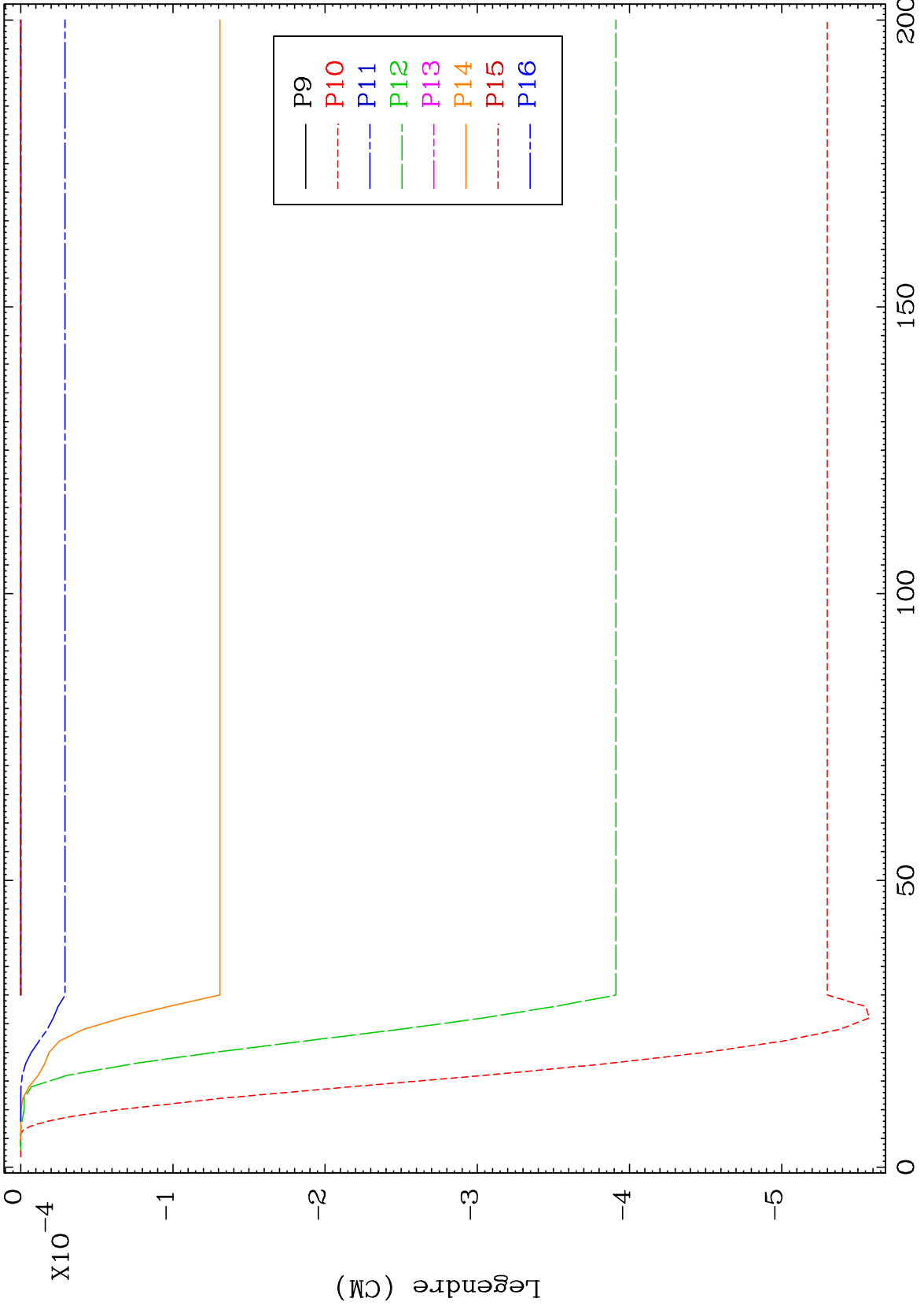


44

Incident Energy (MeV)

61-Pm-155

MAT 6173 MT= 57 (n,n') Level Legendre Coefficients 61-Pm-155

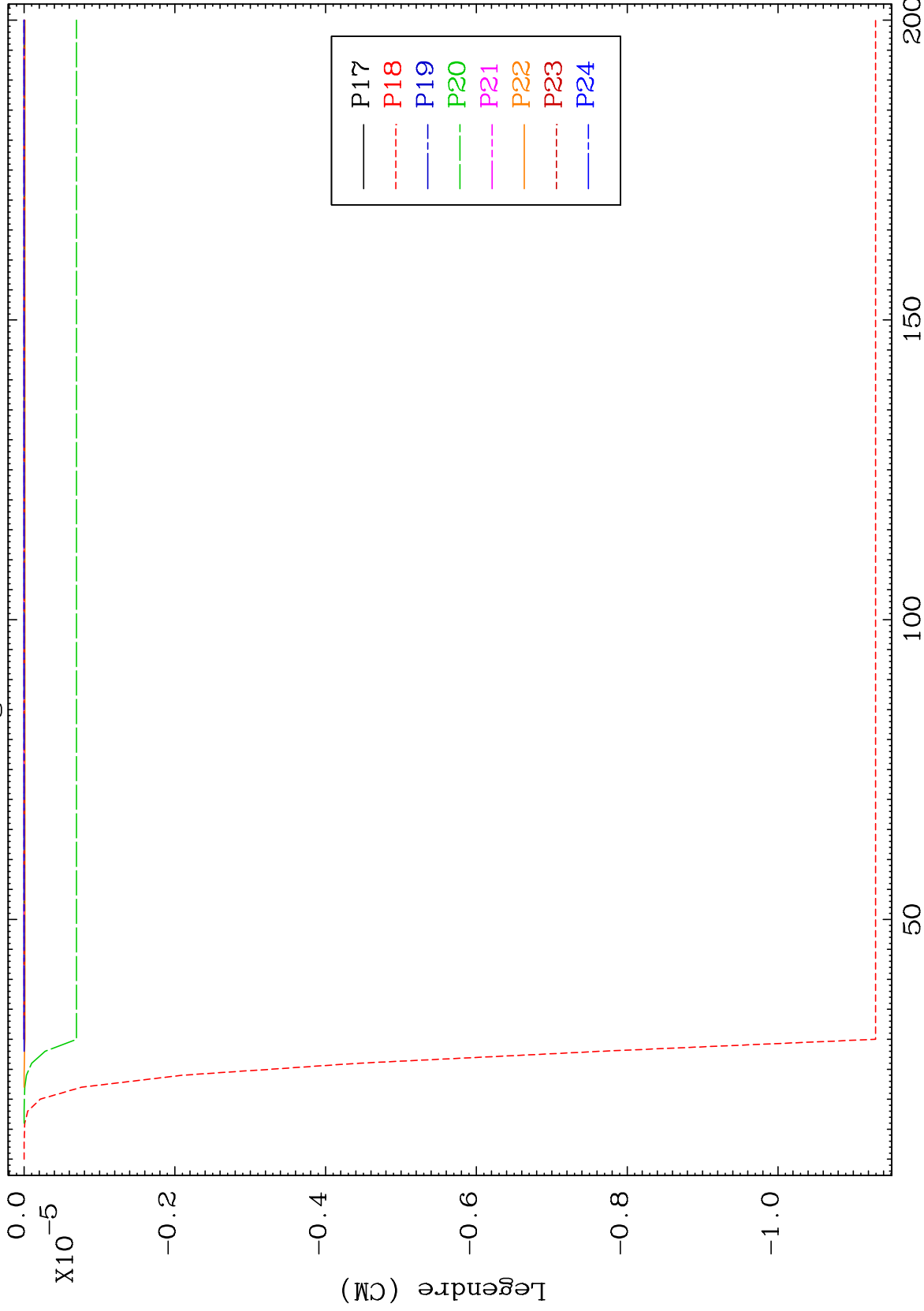


45 Incident Energy (MeV) 61-Pm-155

MAT 6173

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

61-Pm-155



46

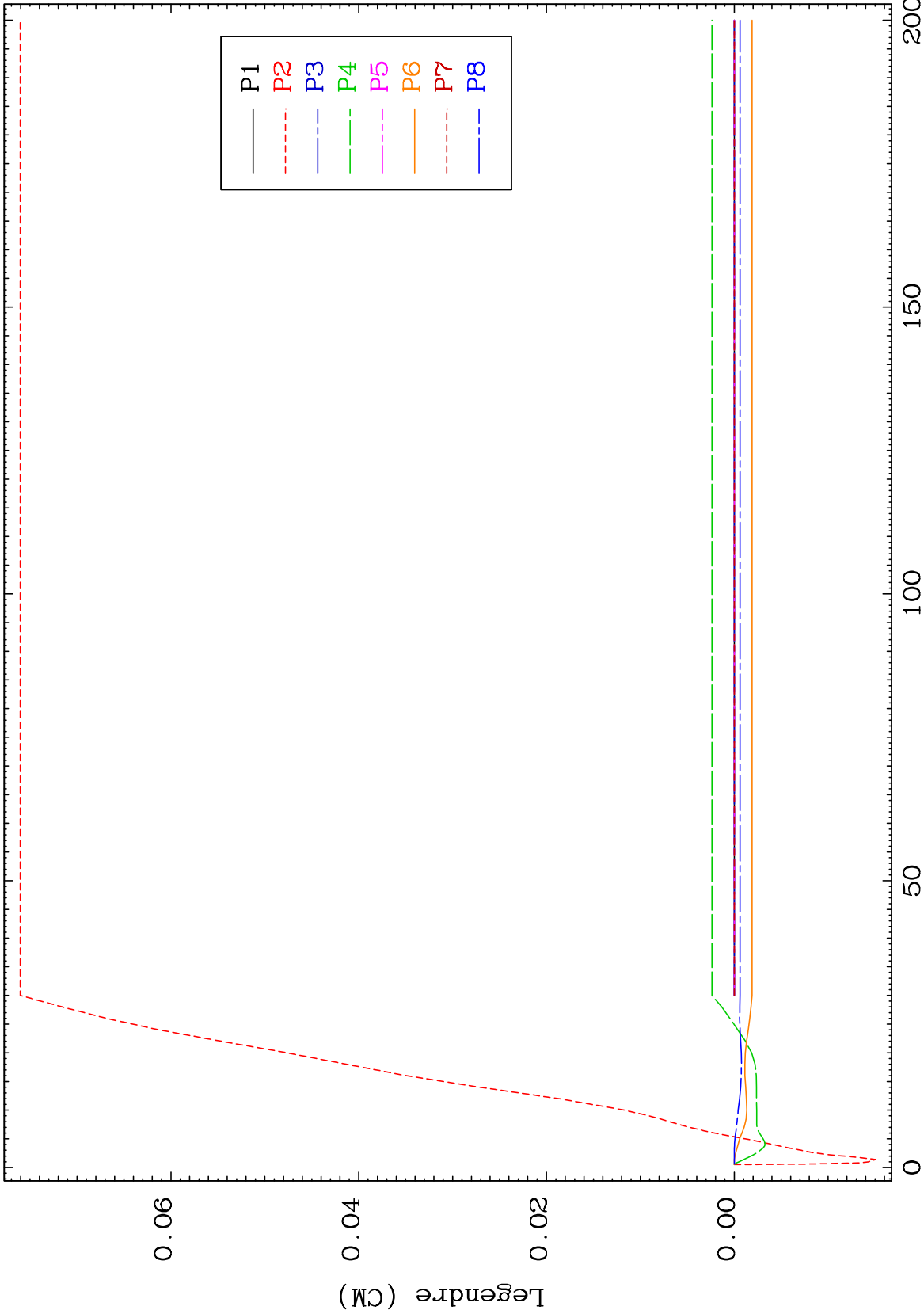
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155

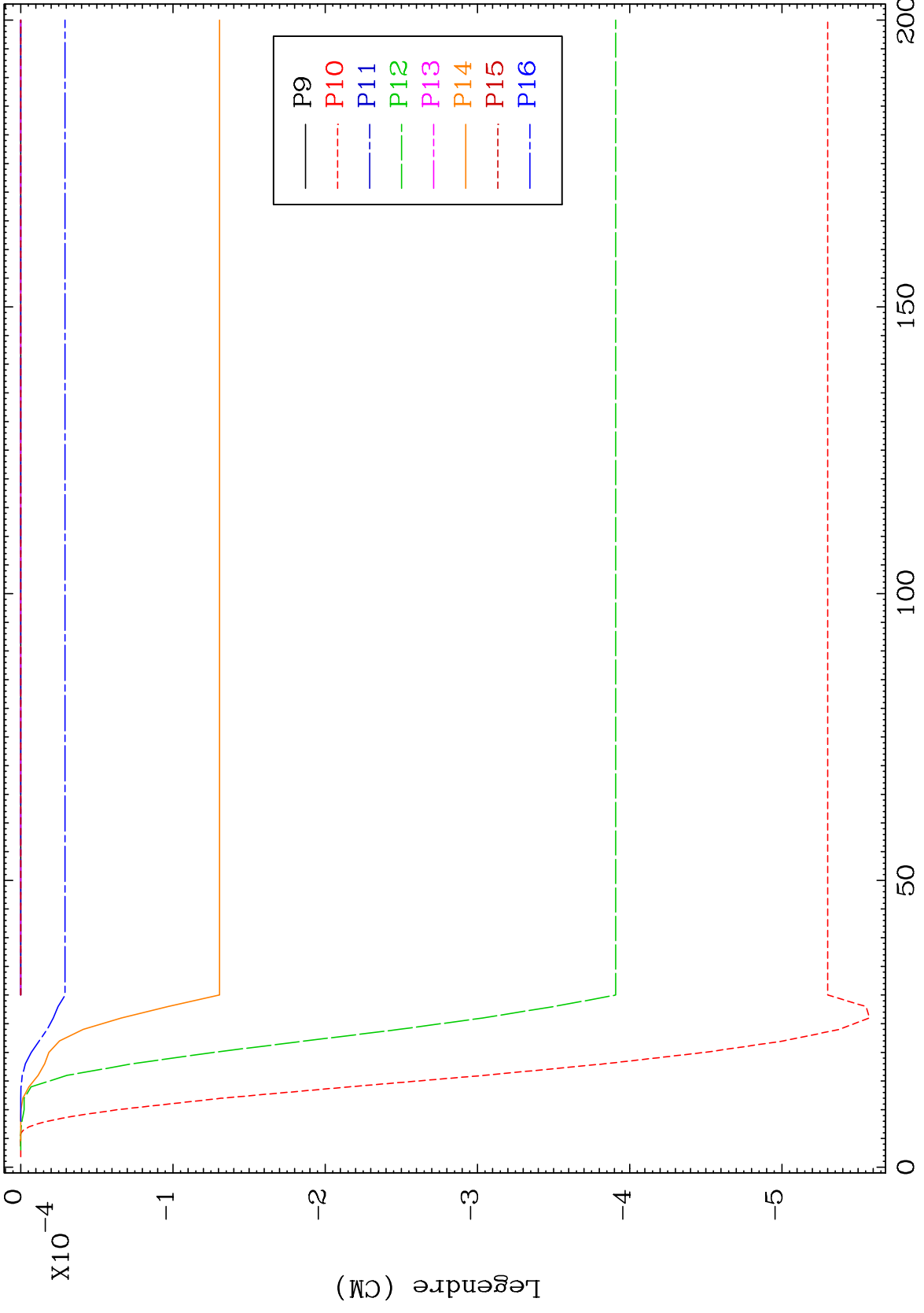


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Incident Energy (MeV)

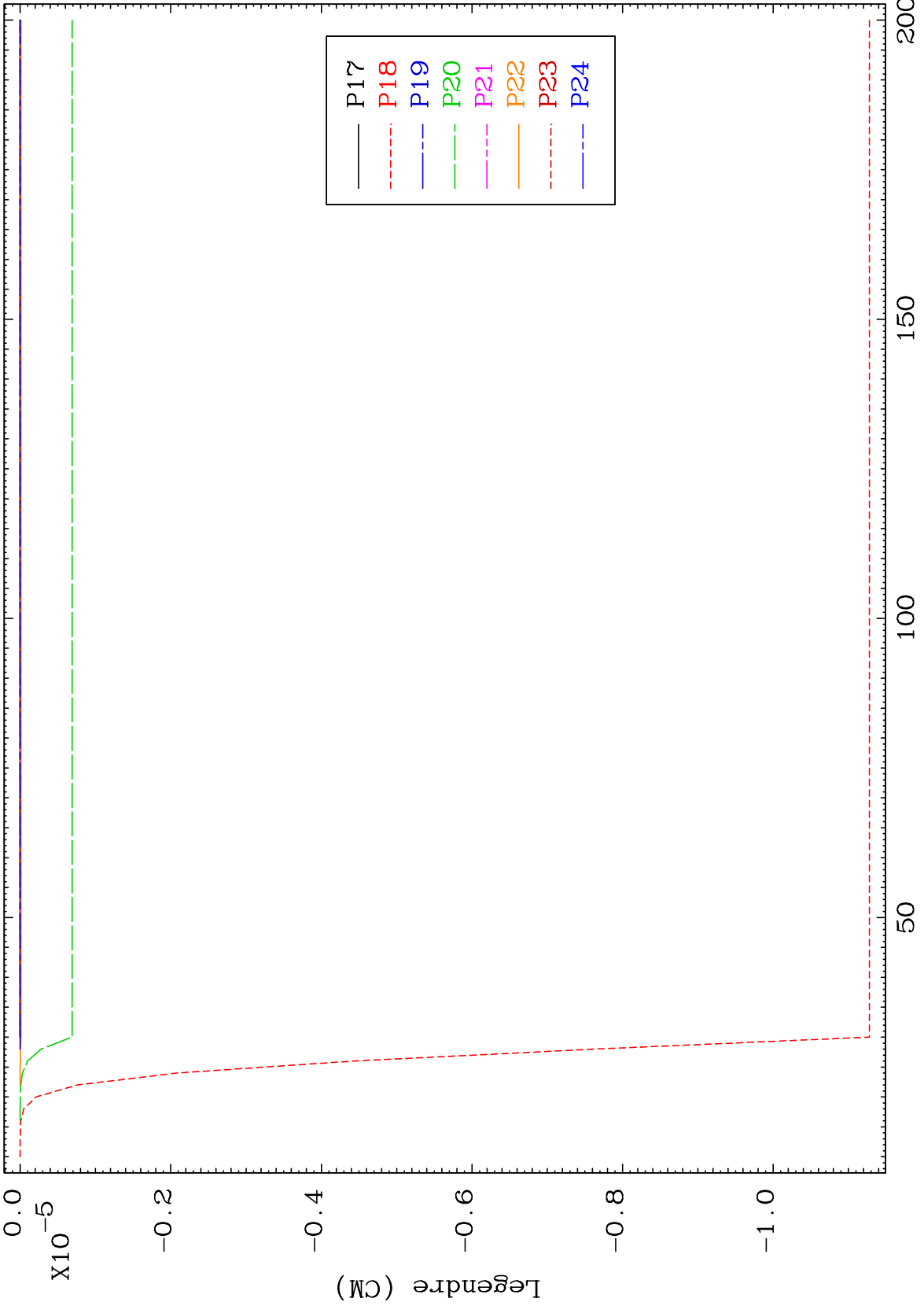
61-Pm-155

MAT 6173 MT= 58 (n,n') Level Legendre Coefficients 61-Pm-155



48 61-Pm-155

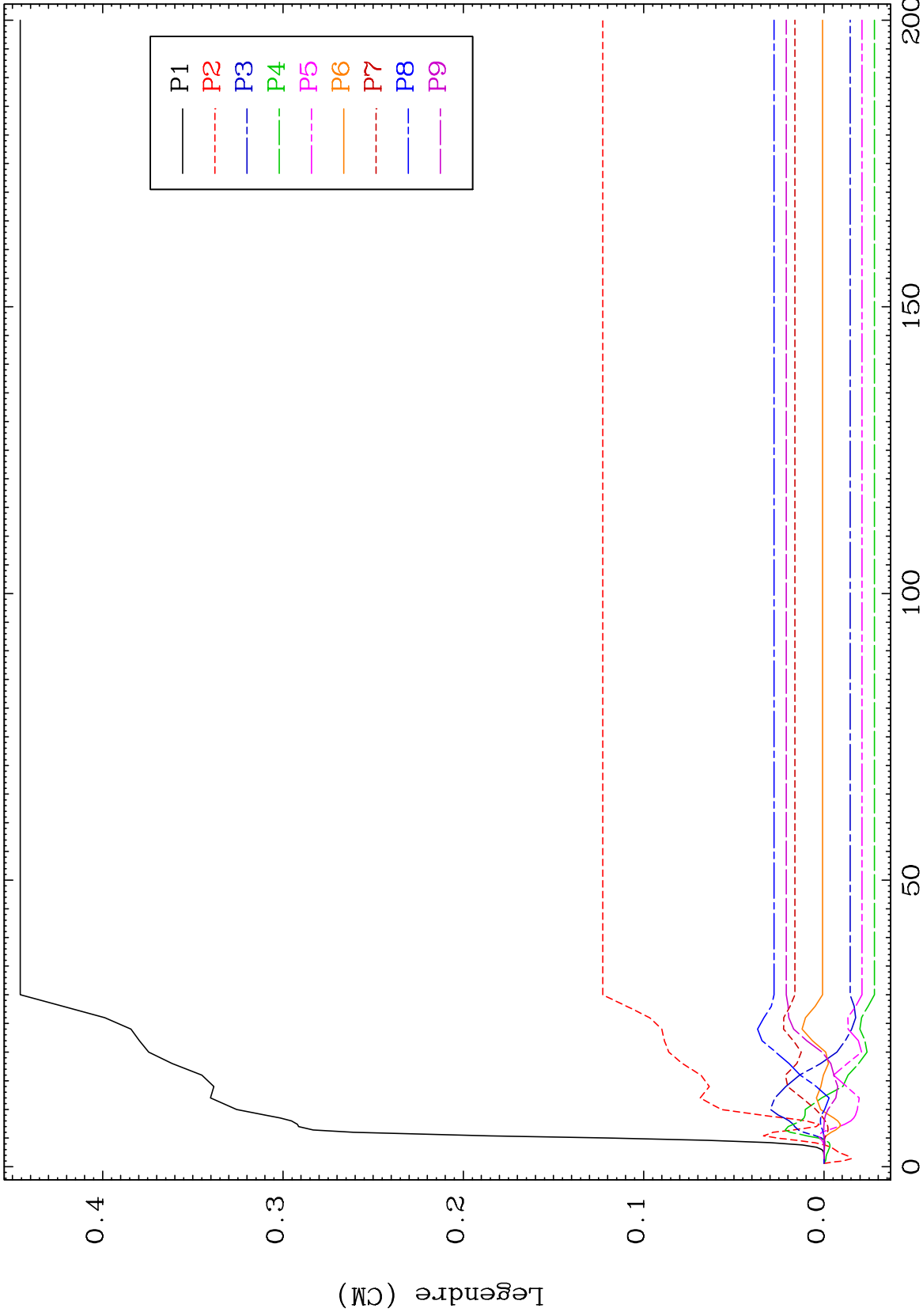
MAT 6173 MT= 58 (n,n') Level Legendre Coefficients 61-Pm-155



MAT 6173

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

61-Pm-155



61-Pm-155

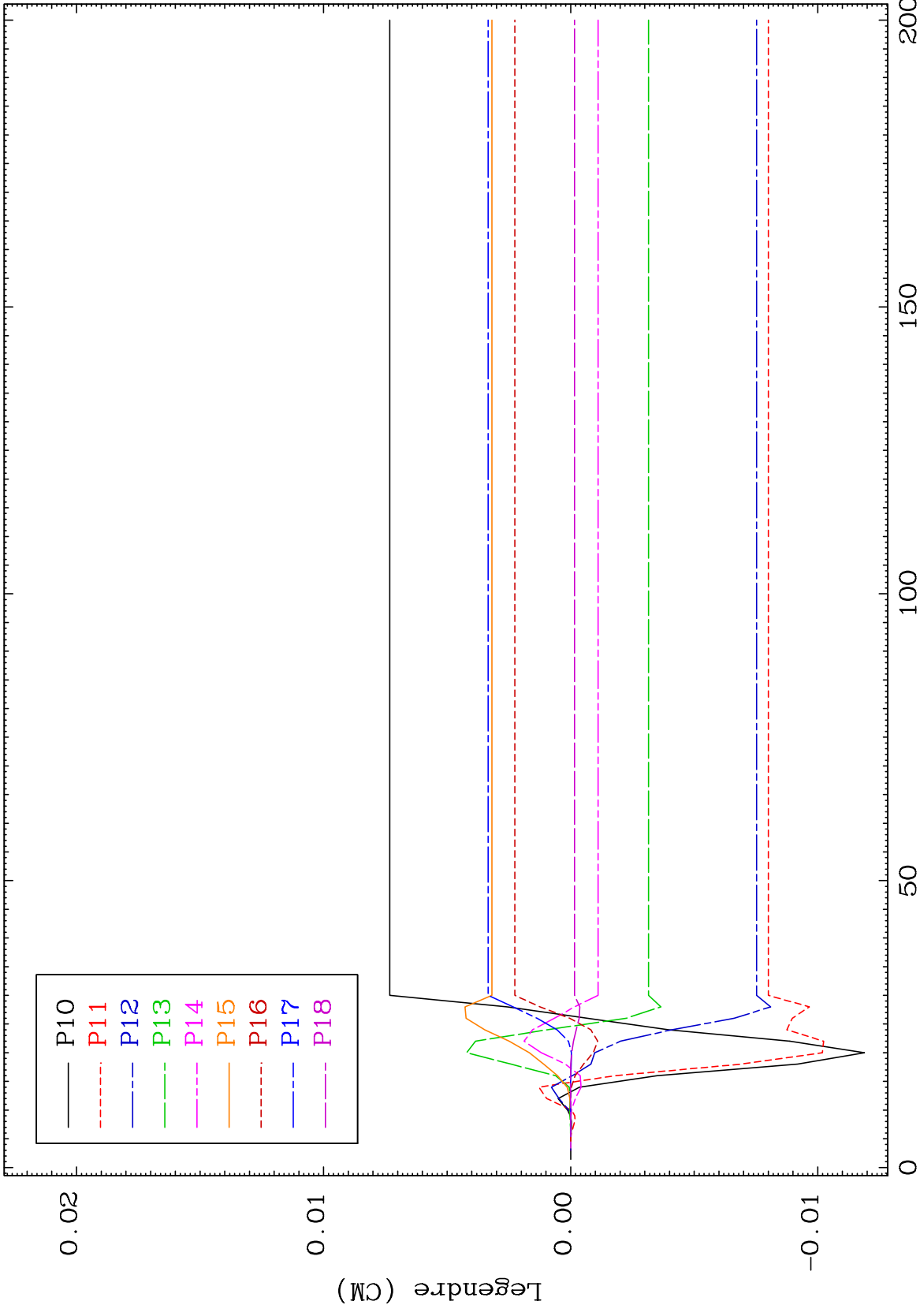
Incident Energy (MeV)

50

MAT 6173

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

61-Pm-155



51

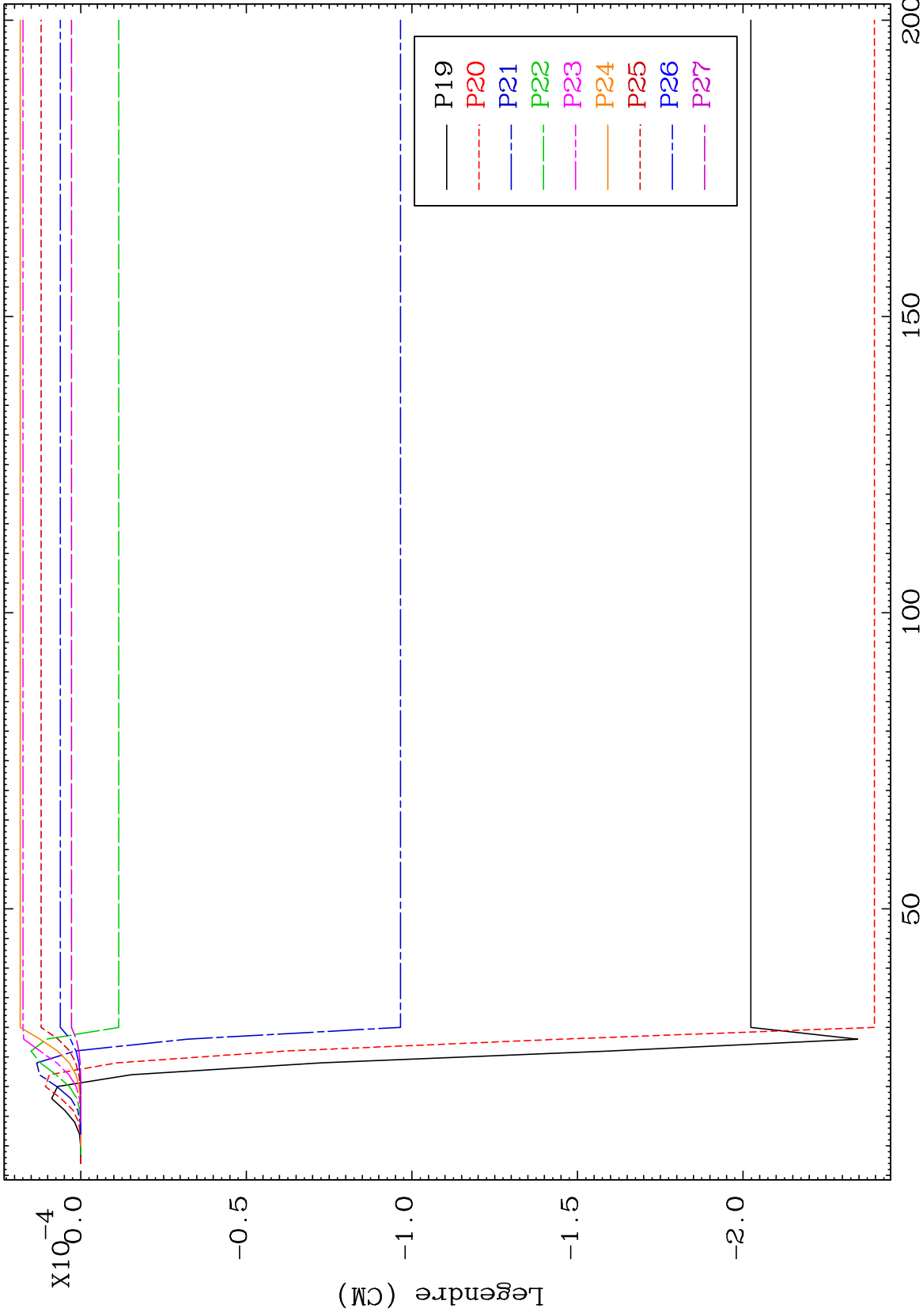
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



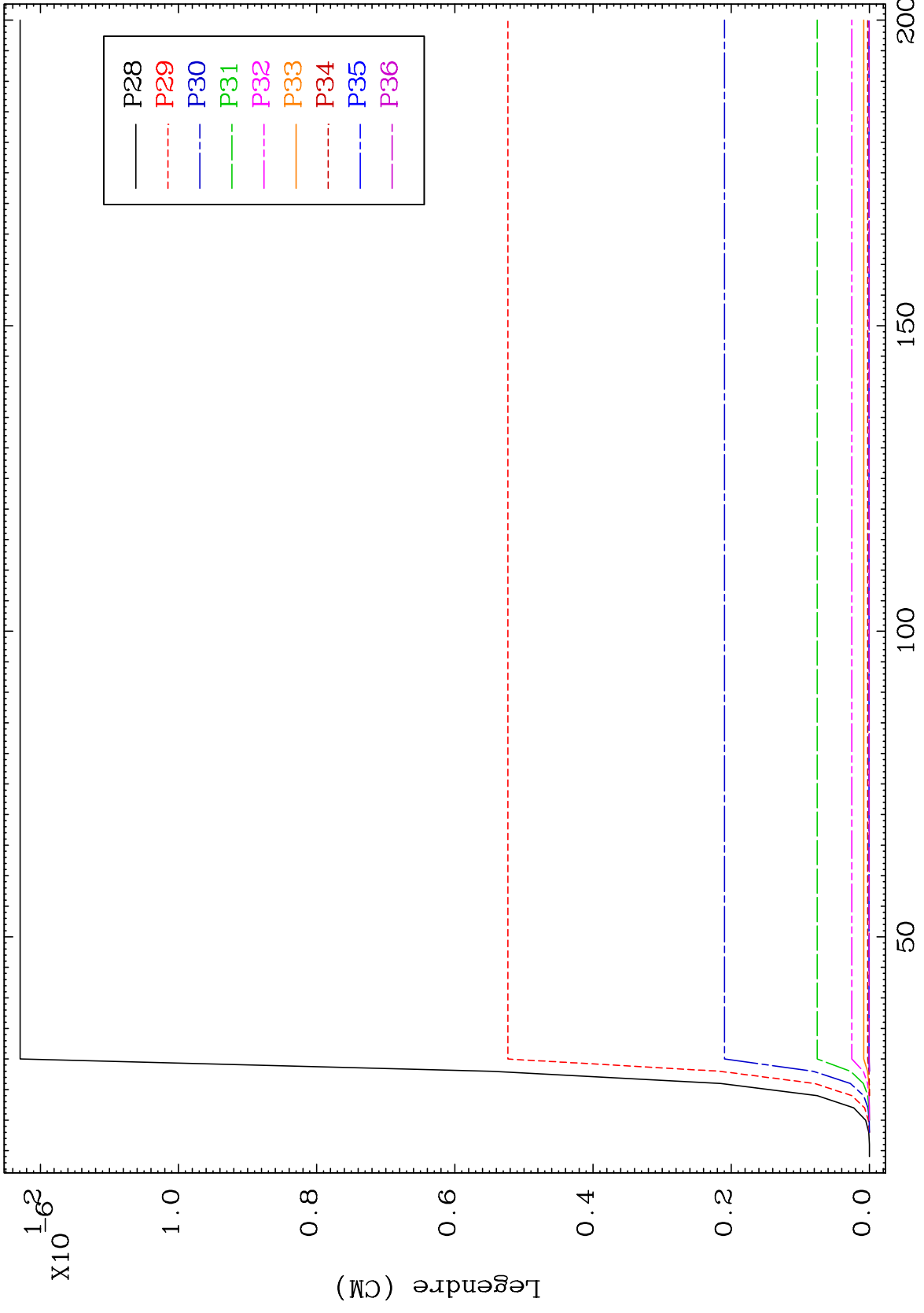
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61-Pm-155

MAT 6173

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

61-Pm-155

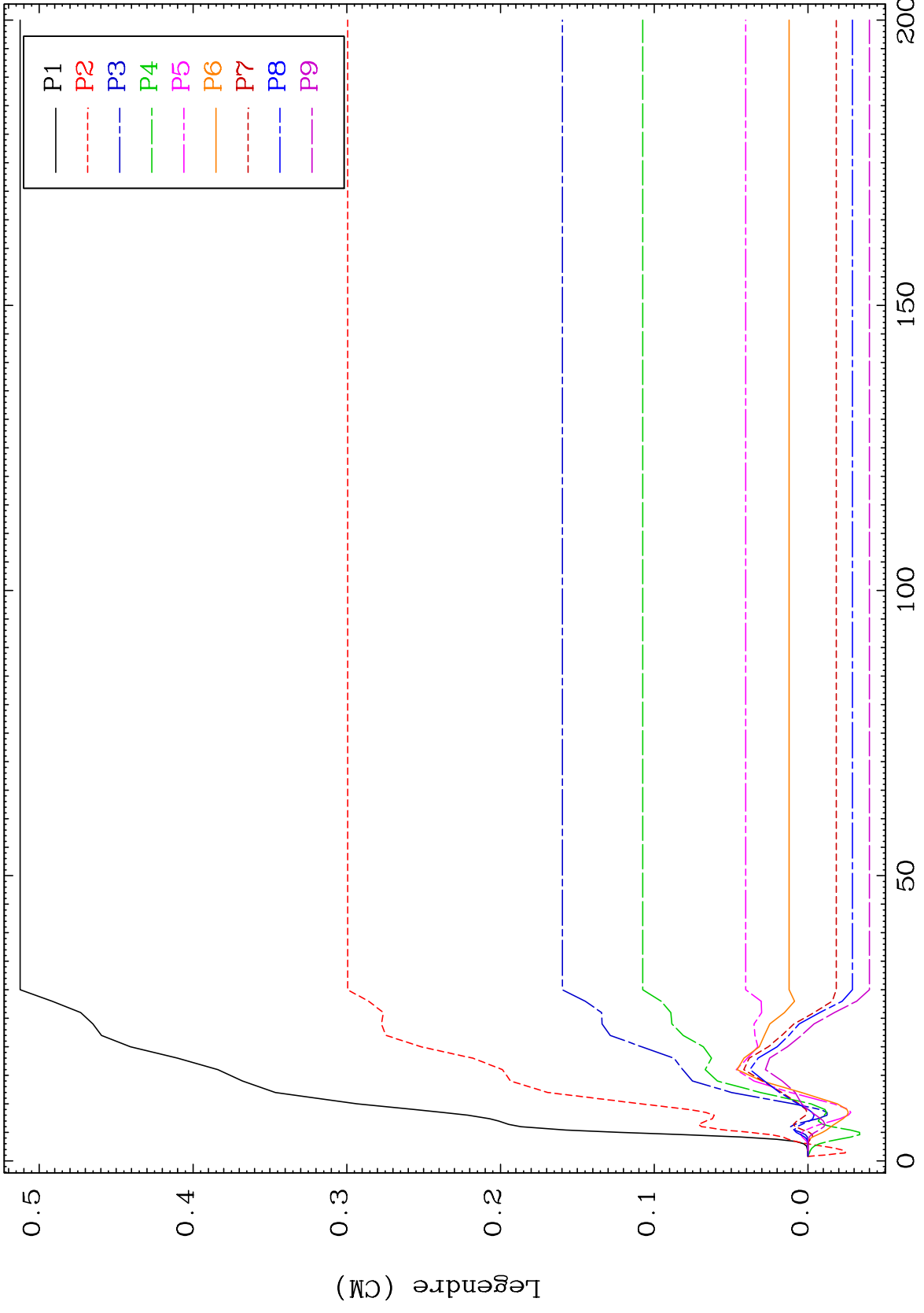


53

Incident Energy (MeV)

61-Pm-155

MAT 6173 MT= 60 (n,n') Level Legendre Coefficients 61-Pm-155

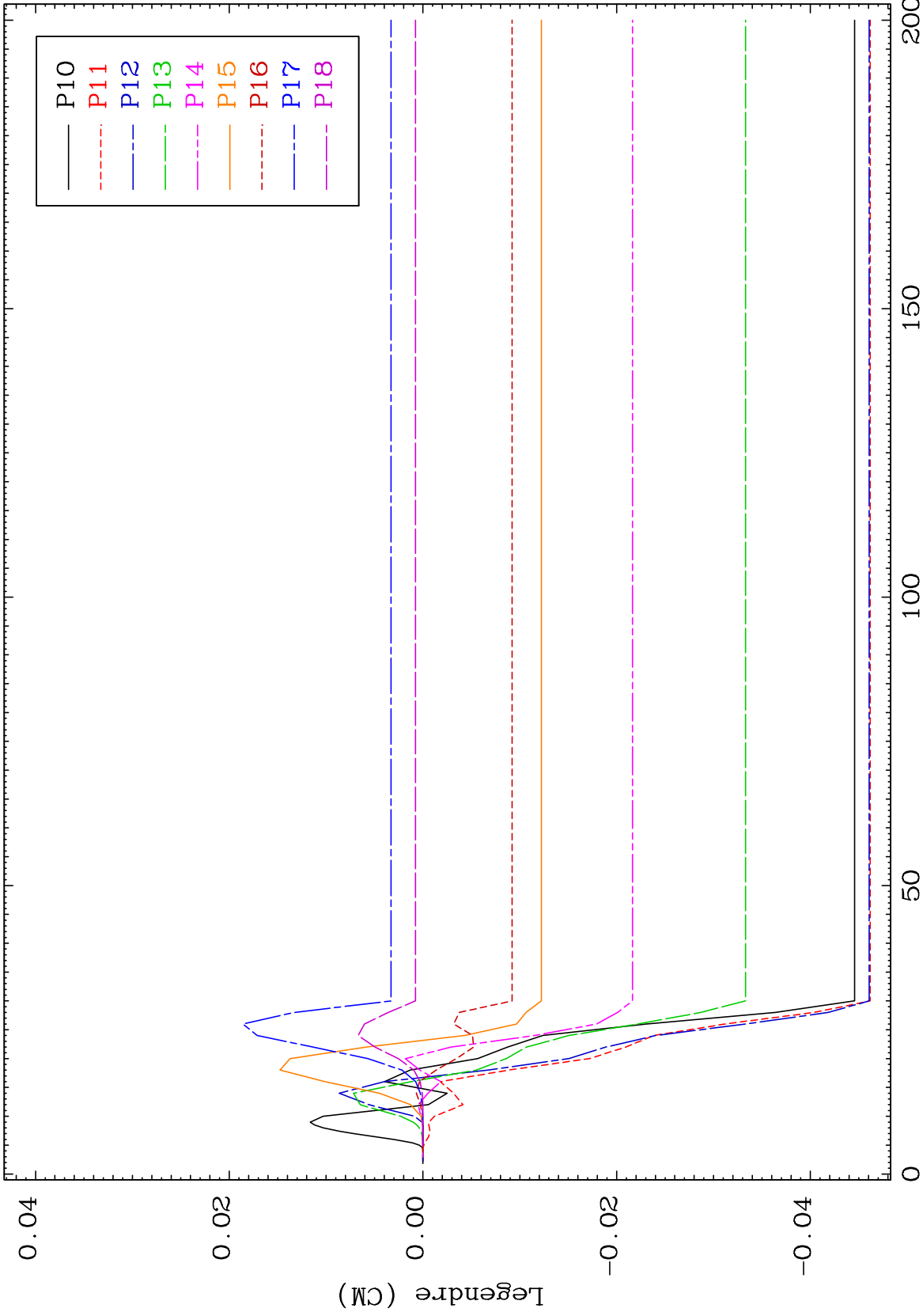


54 61-Pm-155

MAT 6173

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

61-Pm-155



55

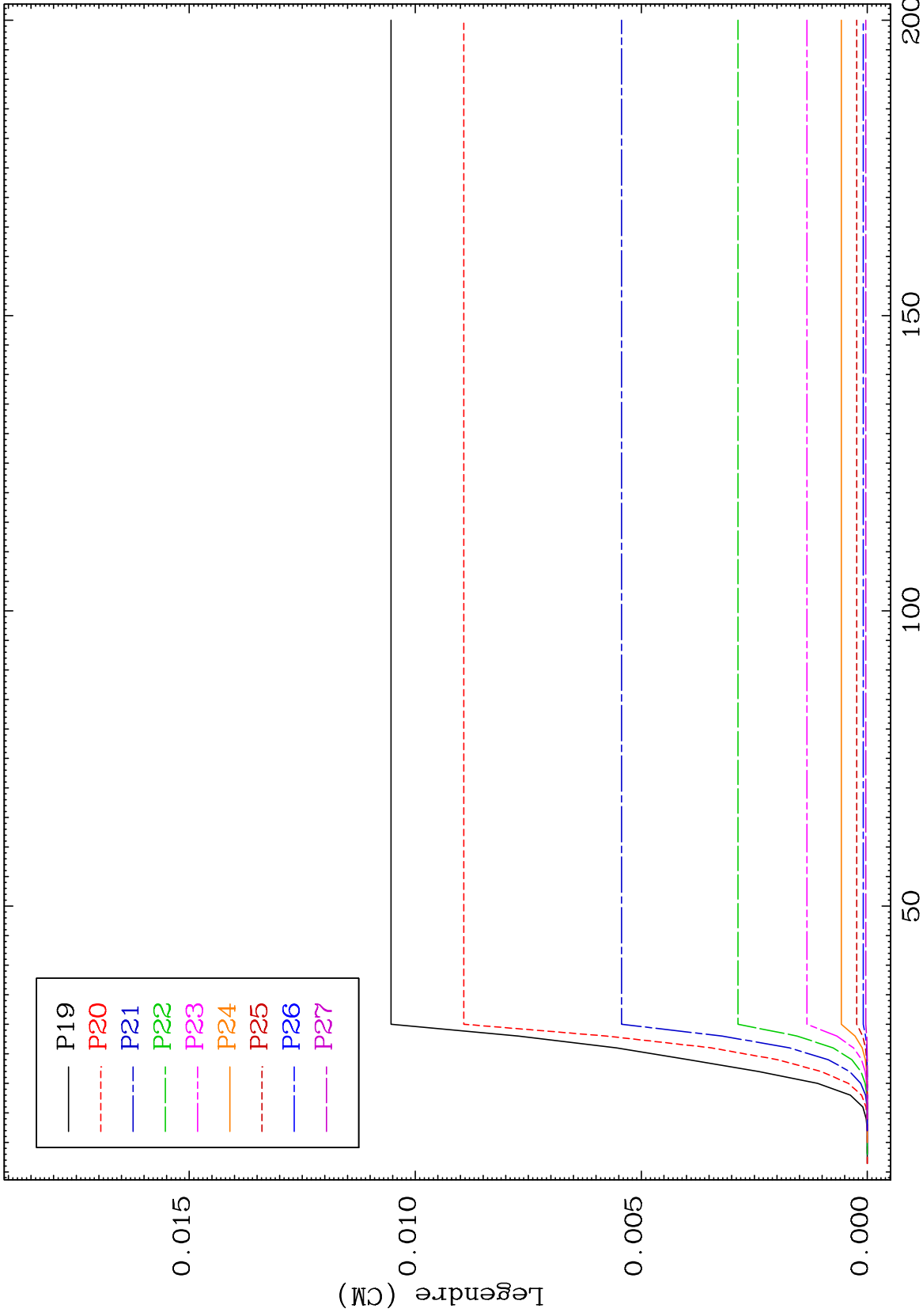
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



56

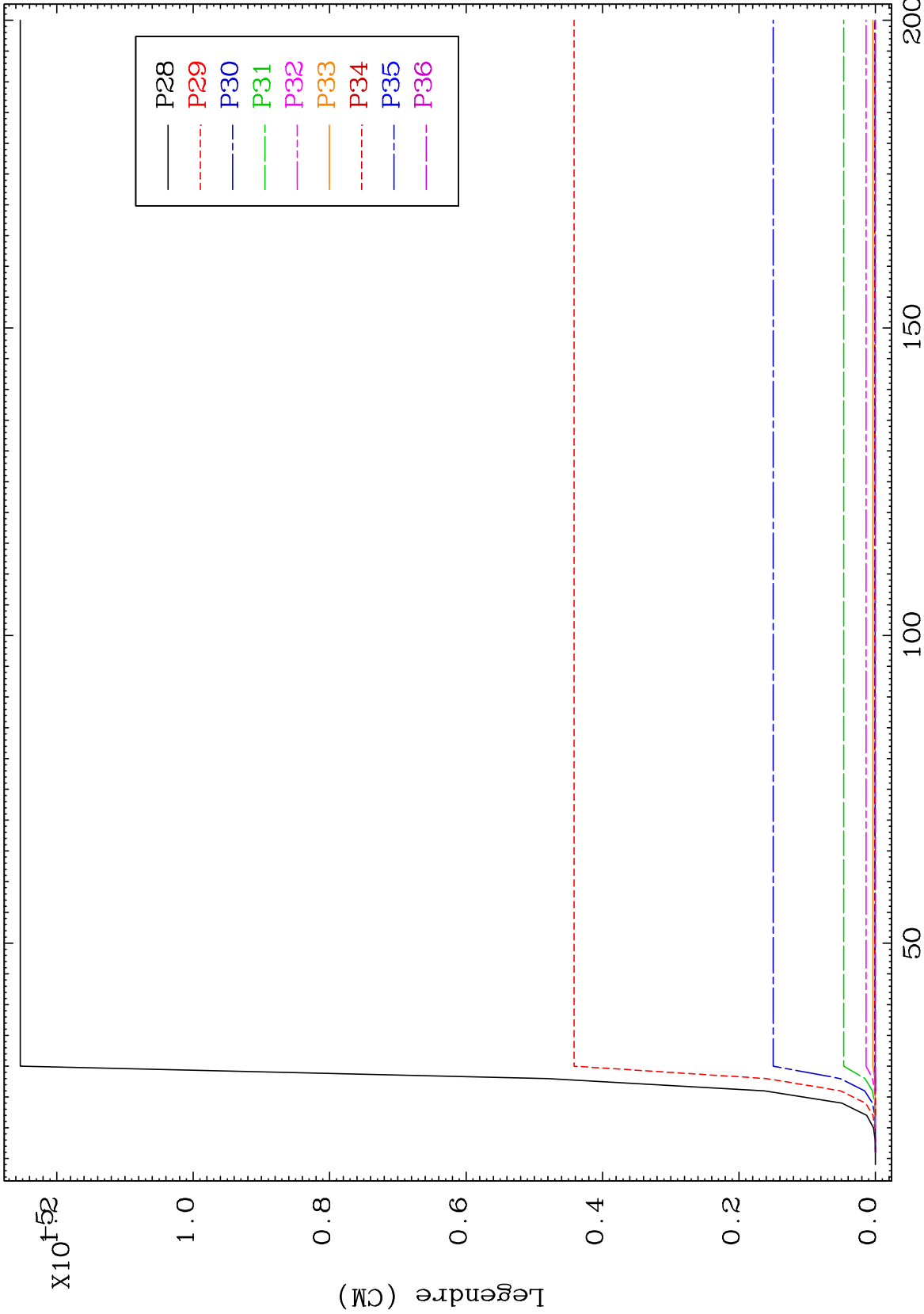
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



57

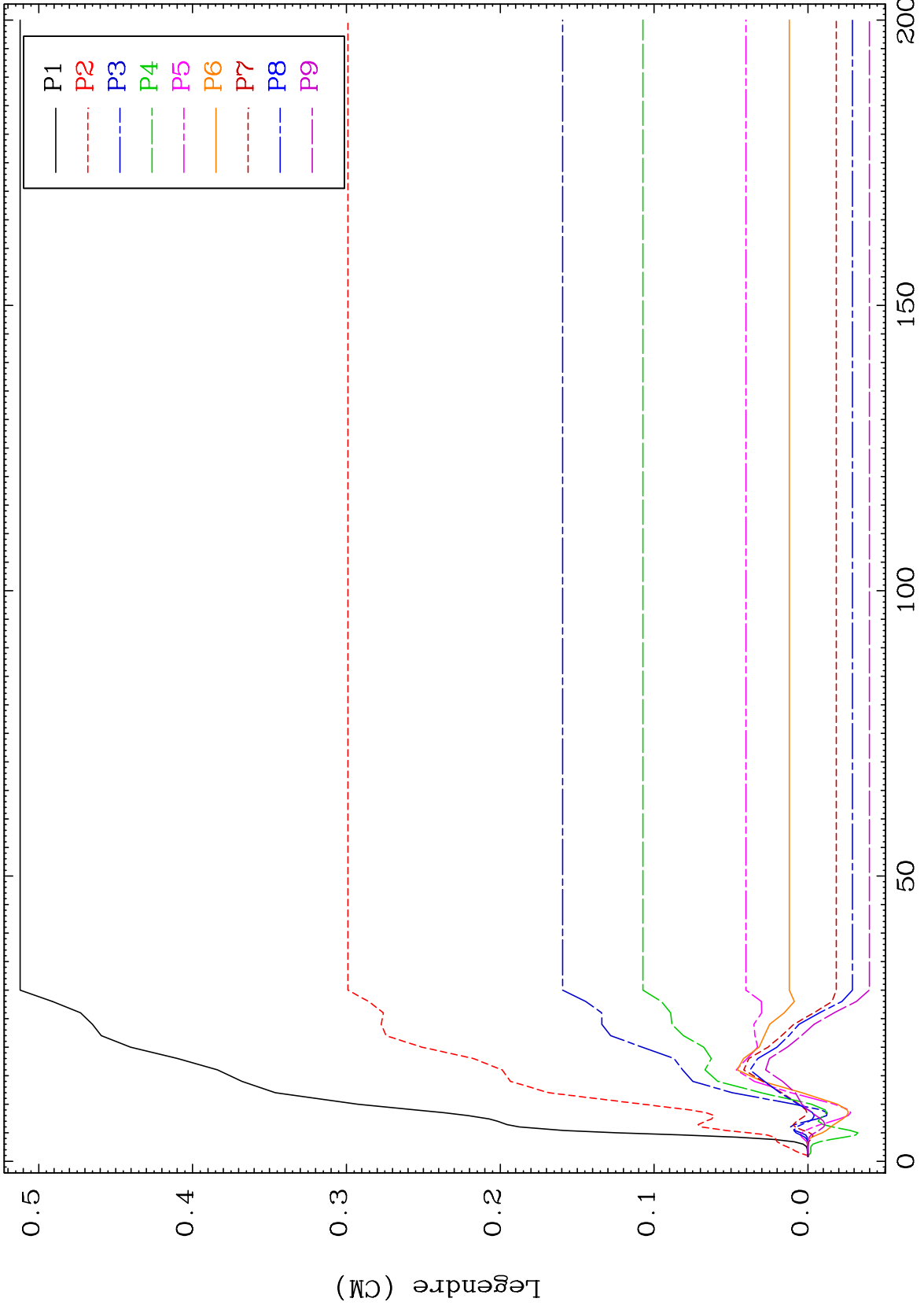
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



58

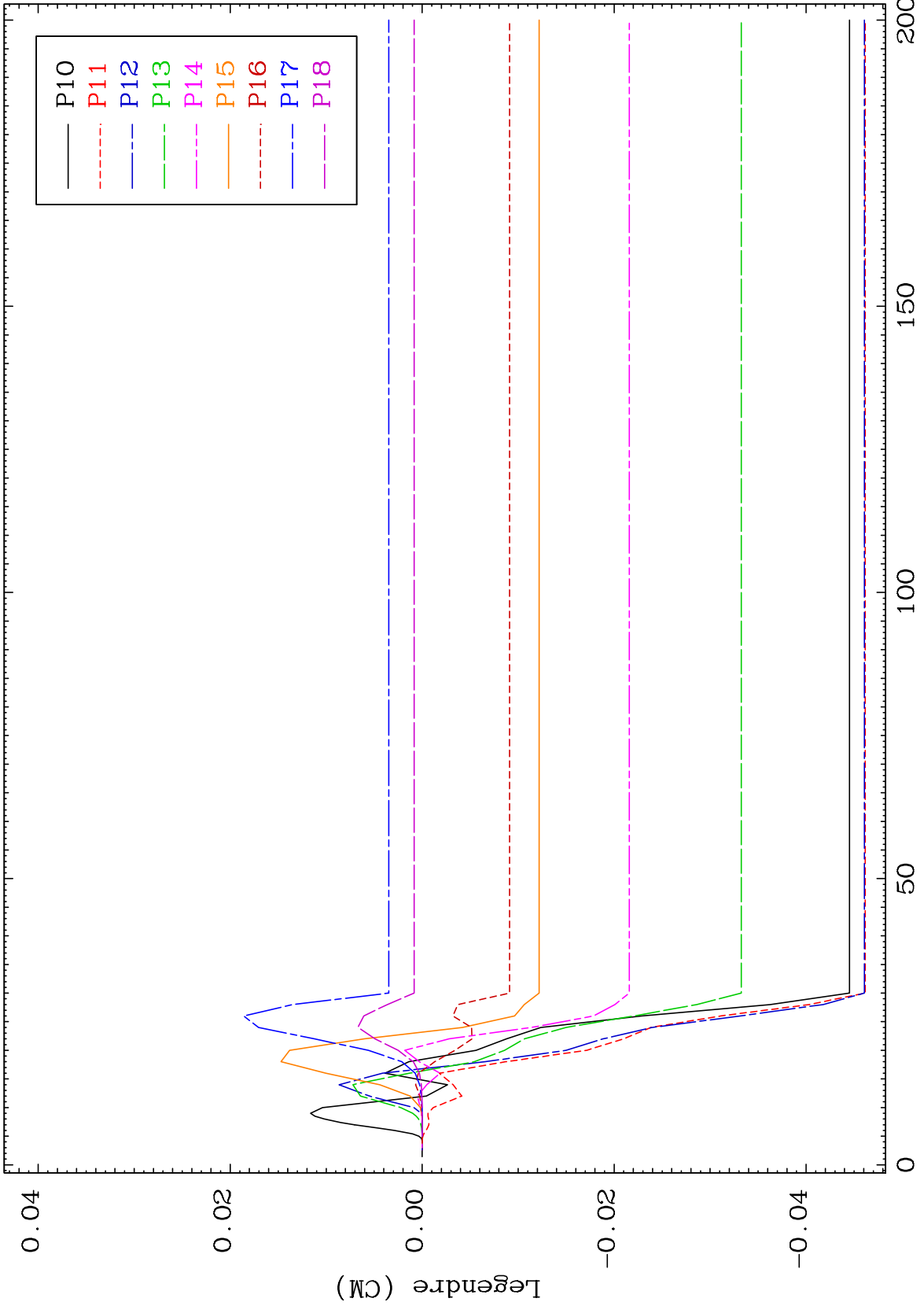
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



59

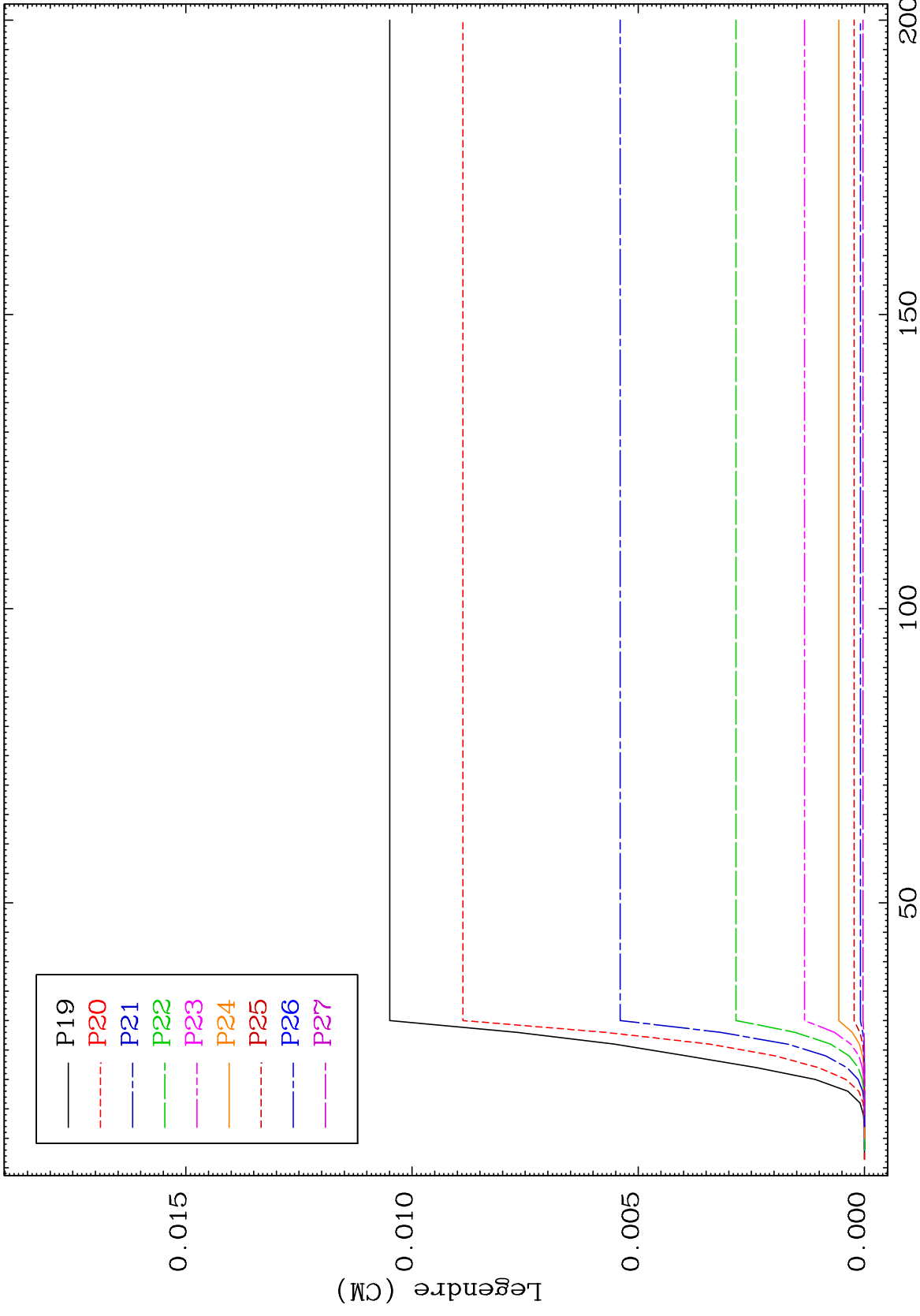
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



60

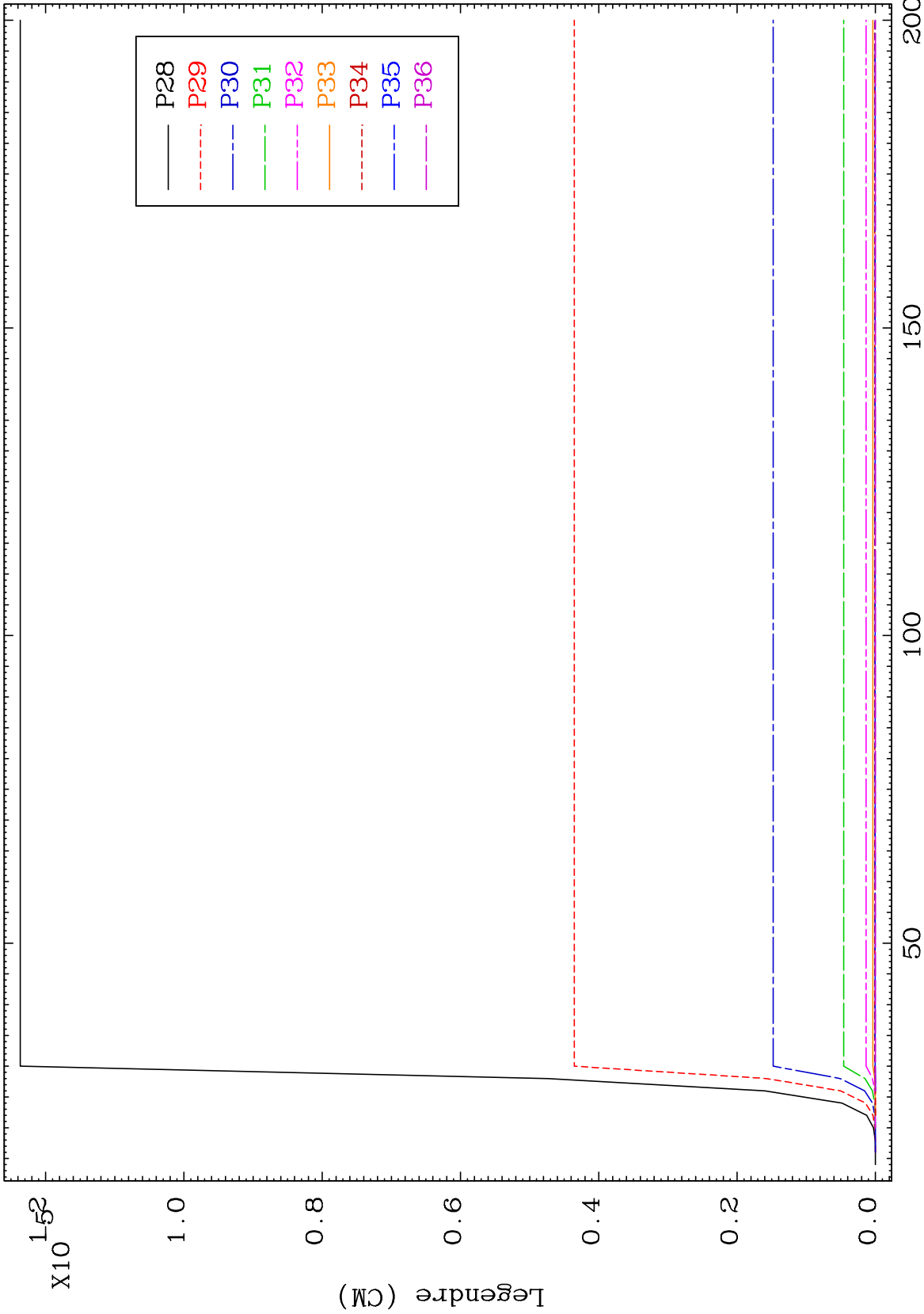
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



61

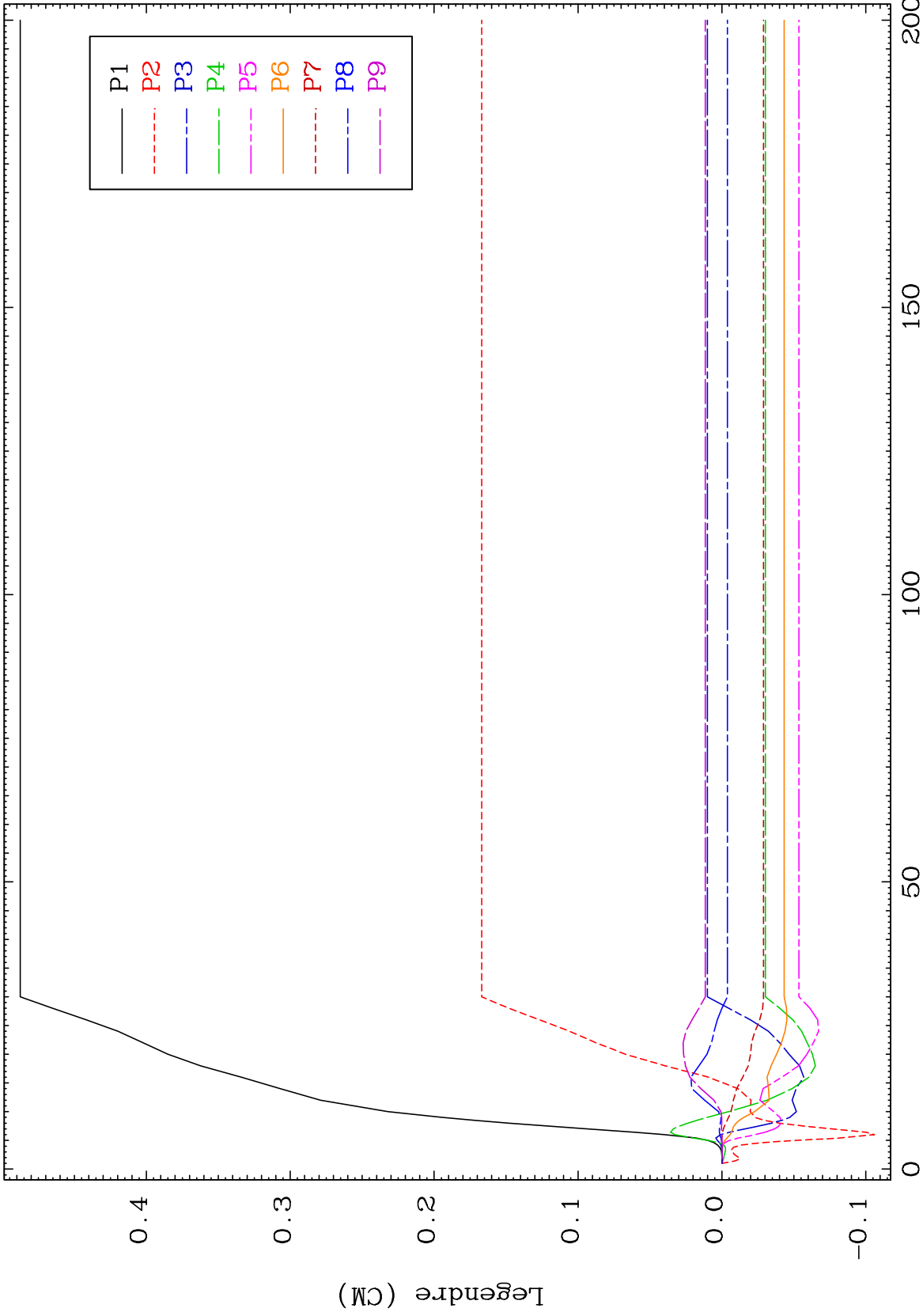
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



62

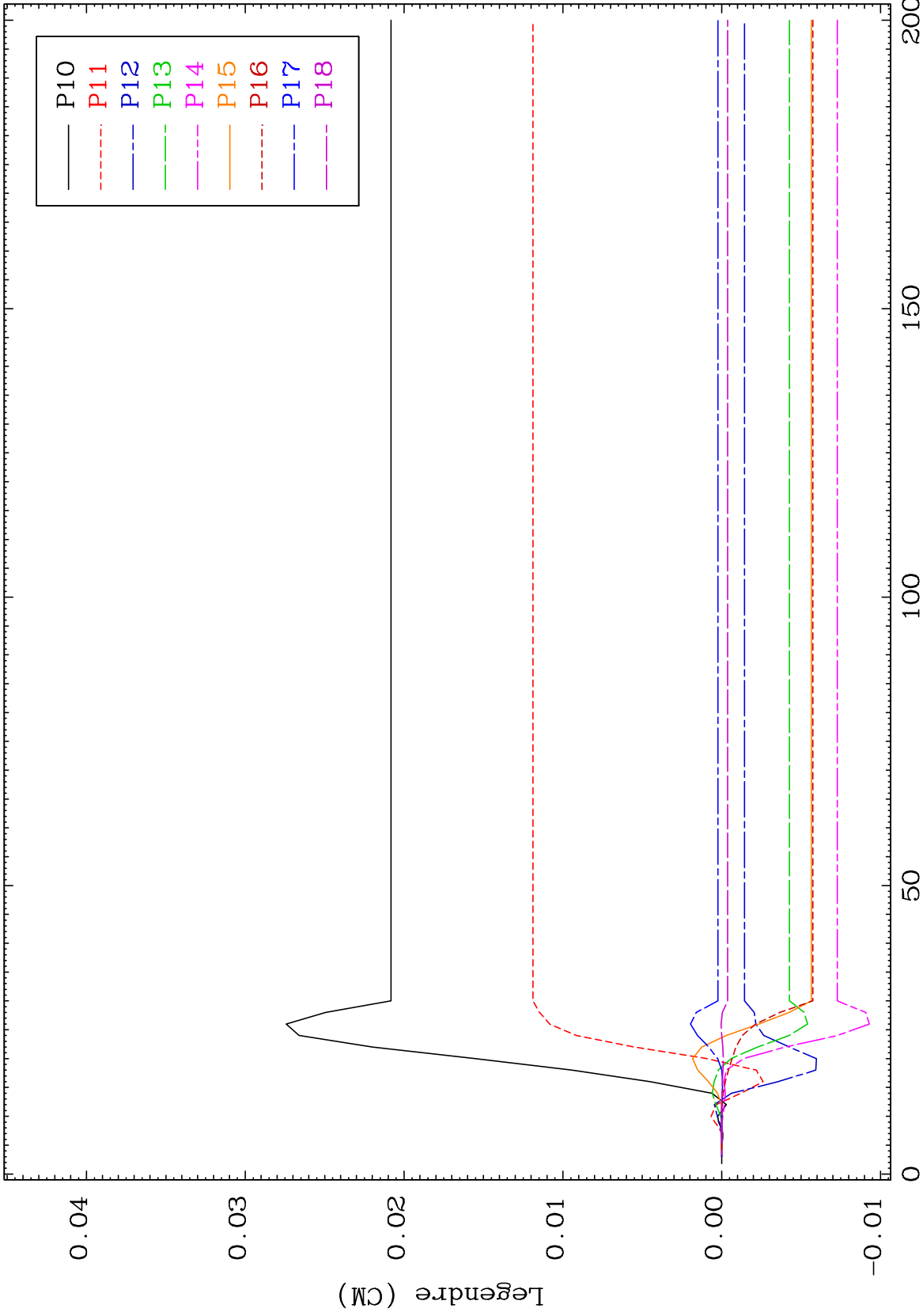
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



63

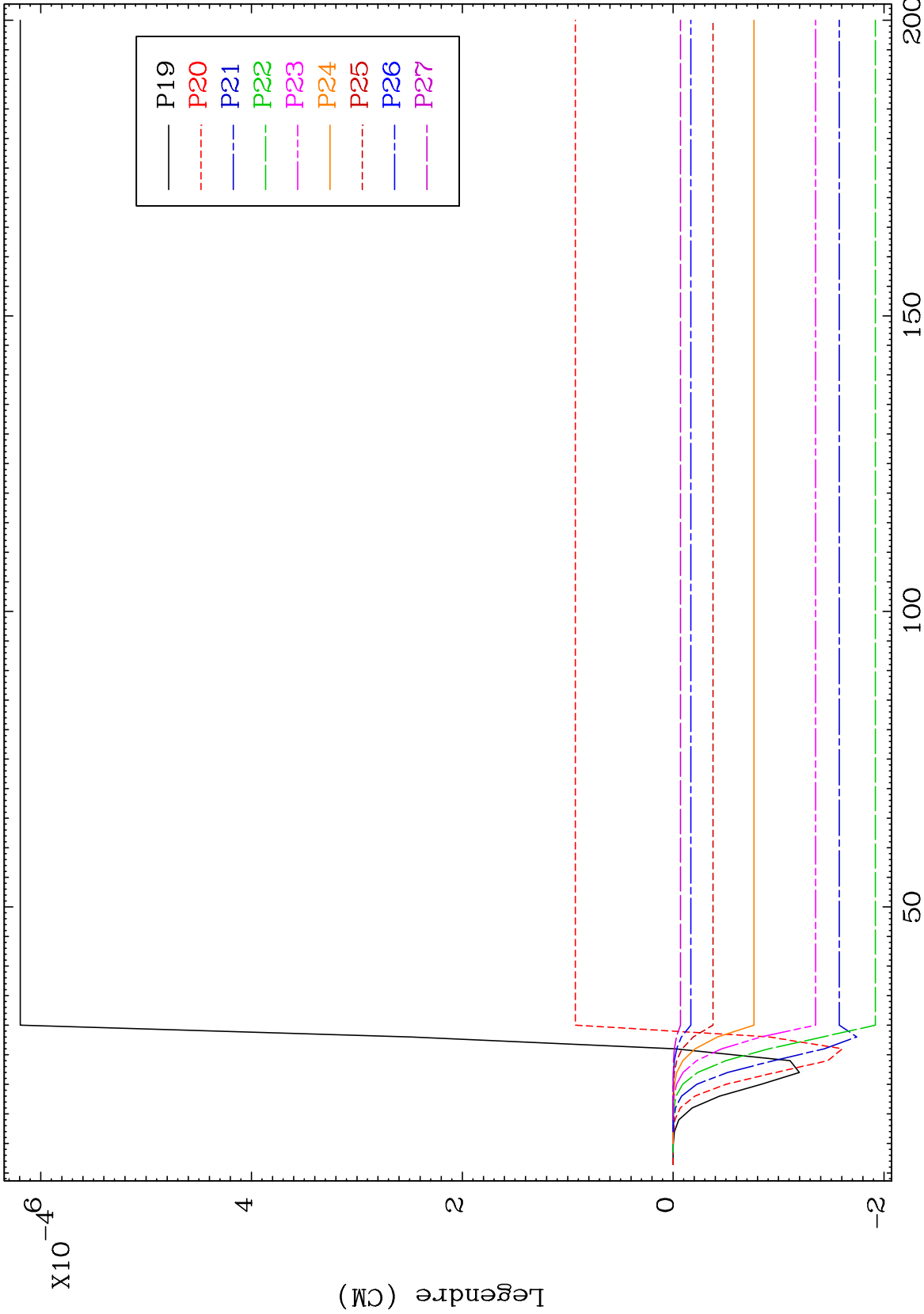
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



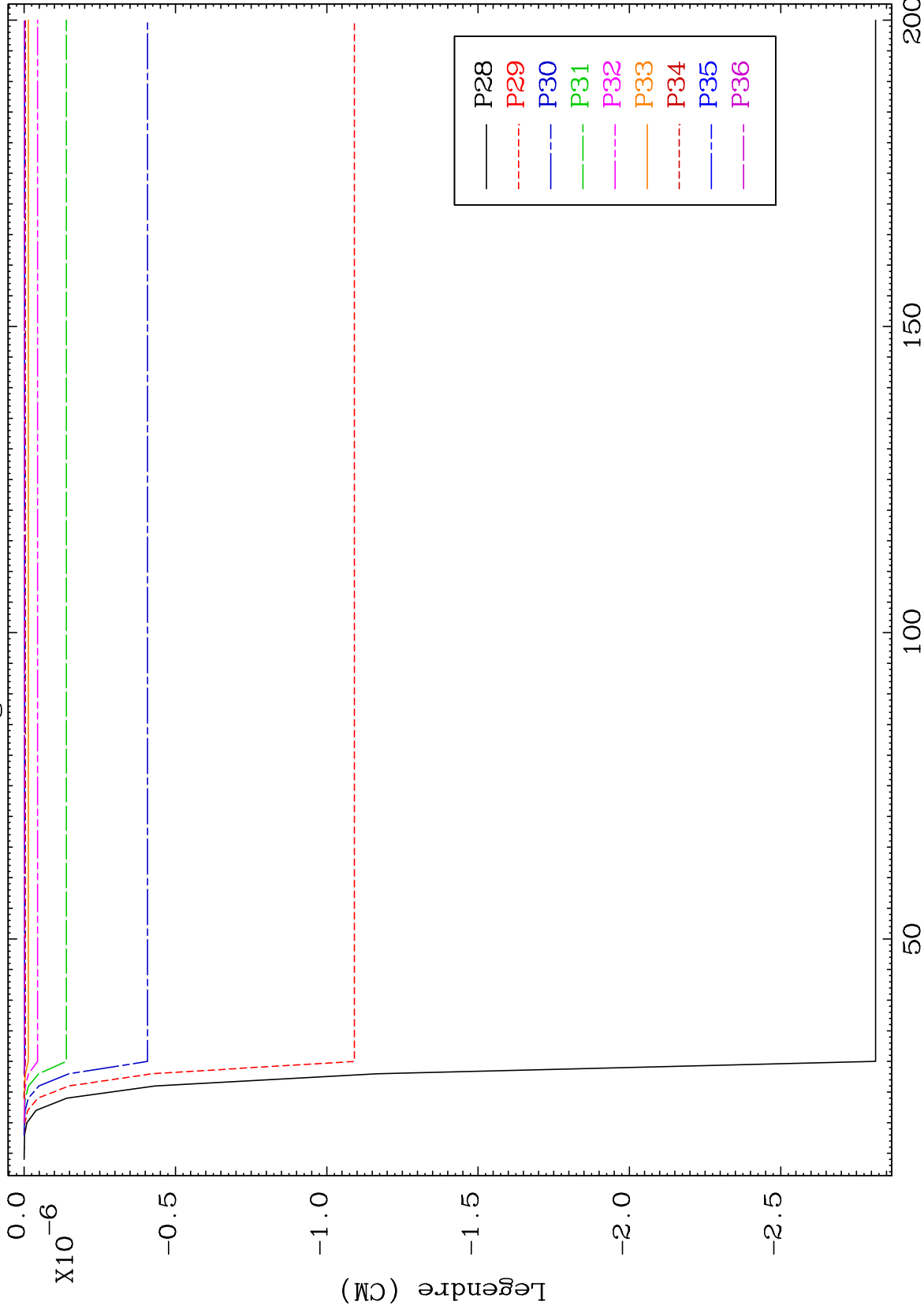
64

61-Pm-155

MAT 6173

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

61-Pm-155



61-Pm-155

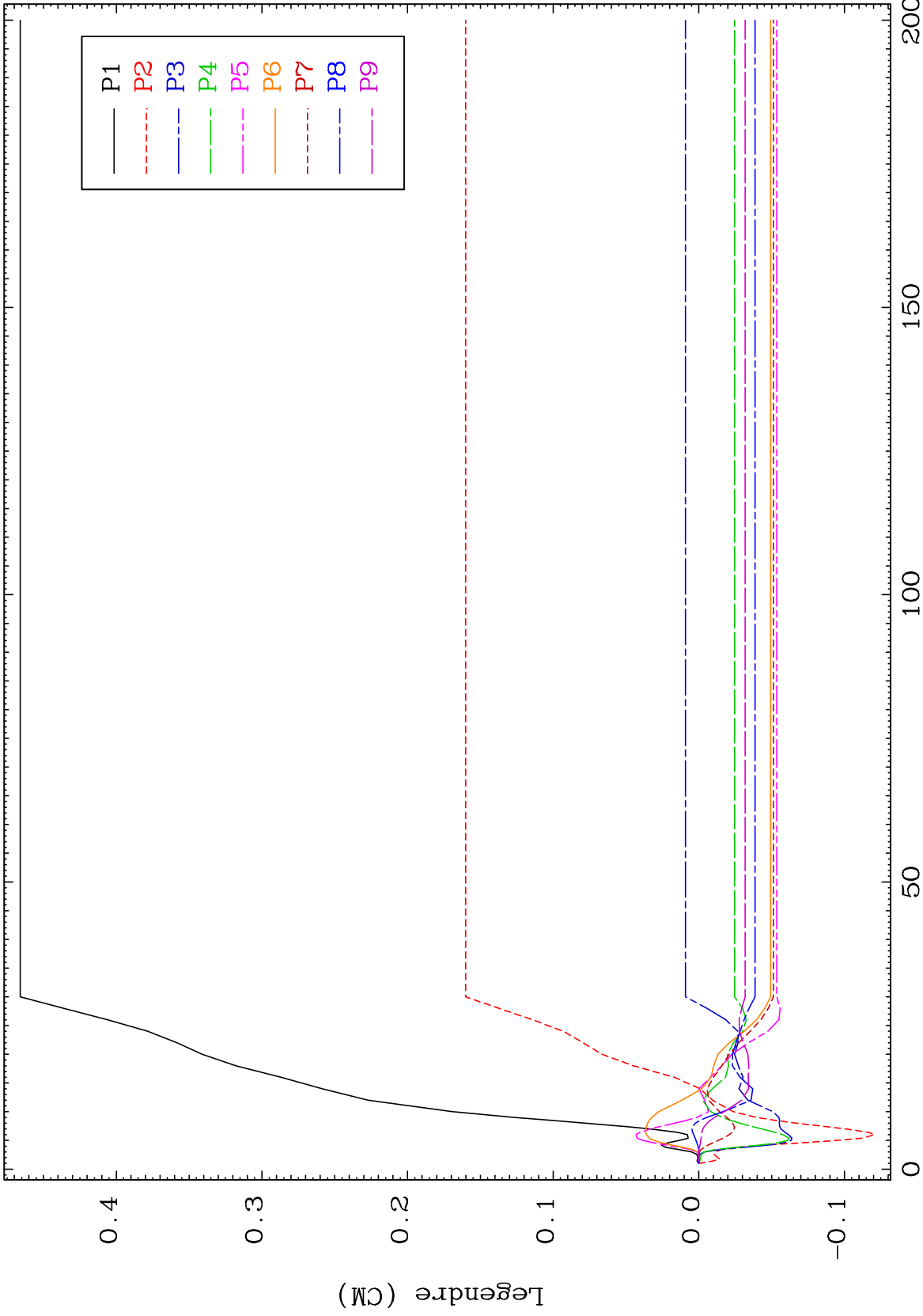
Incident Energy (MeV)

65

MAT 6173

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

61-Pm-155



66

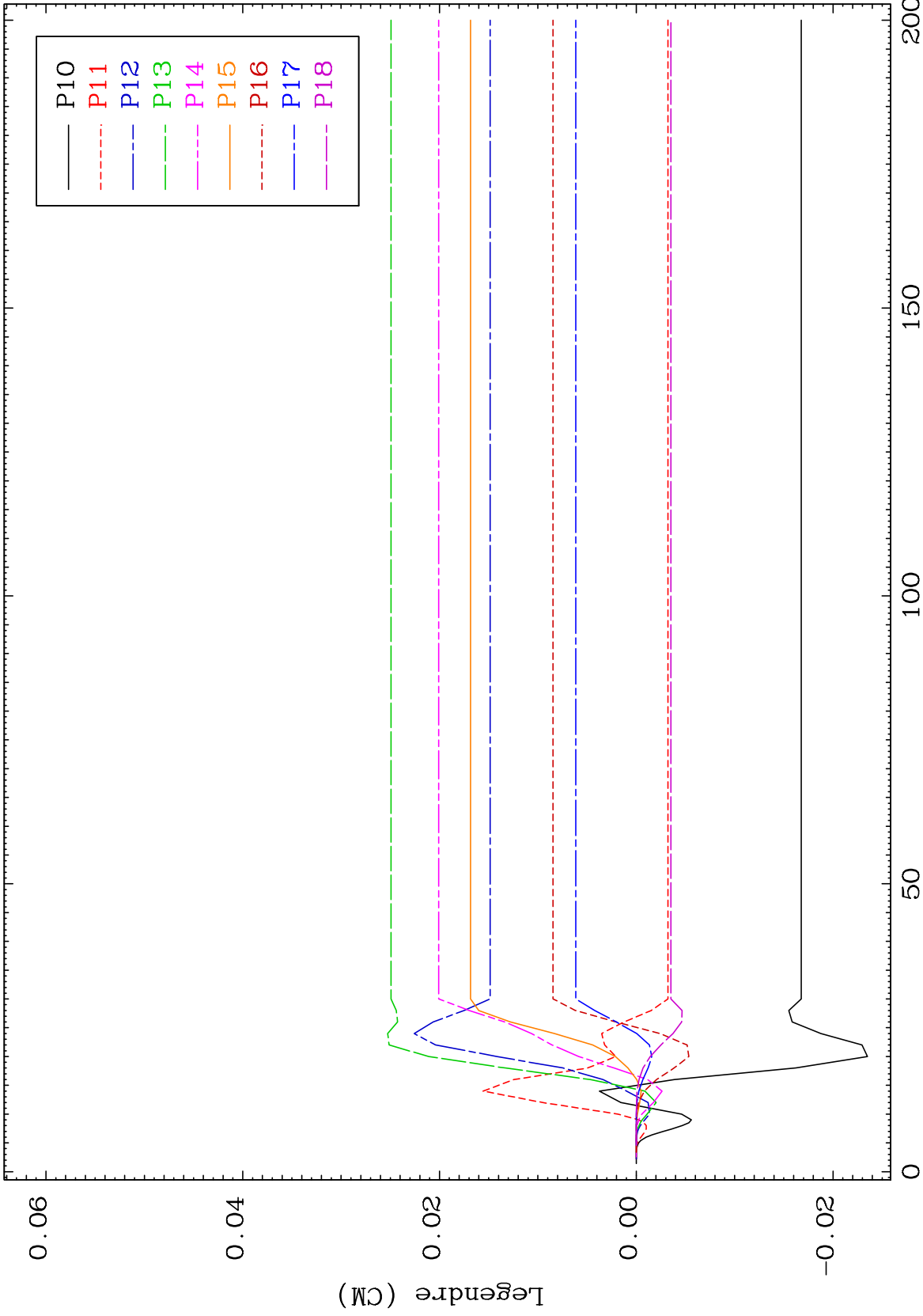
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



67

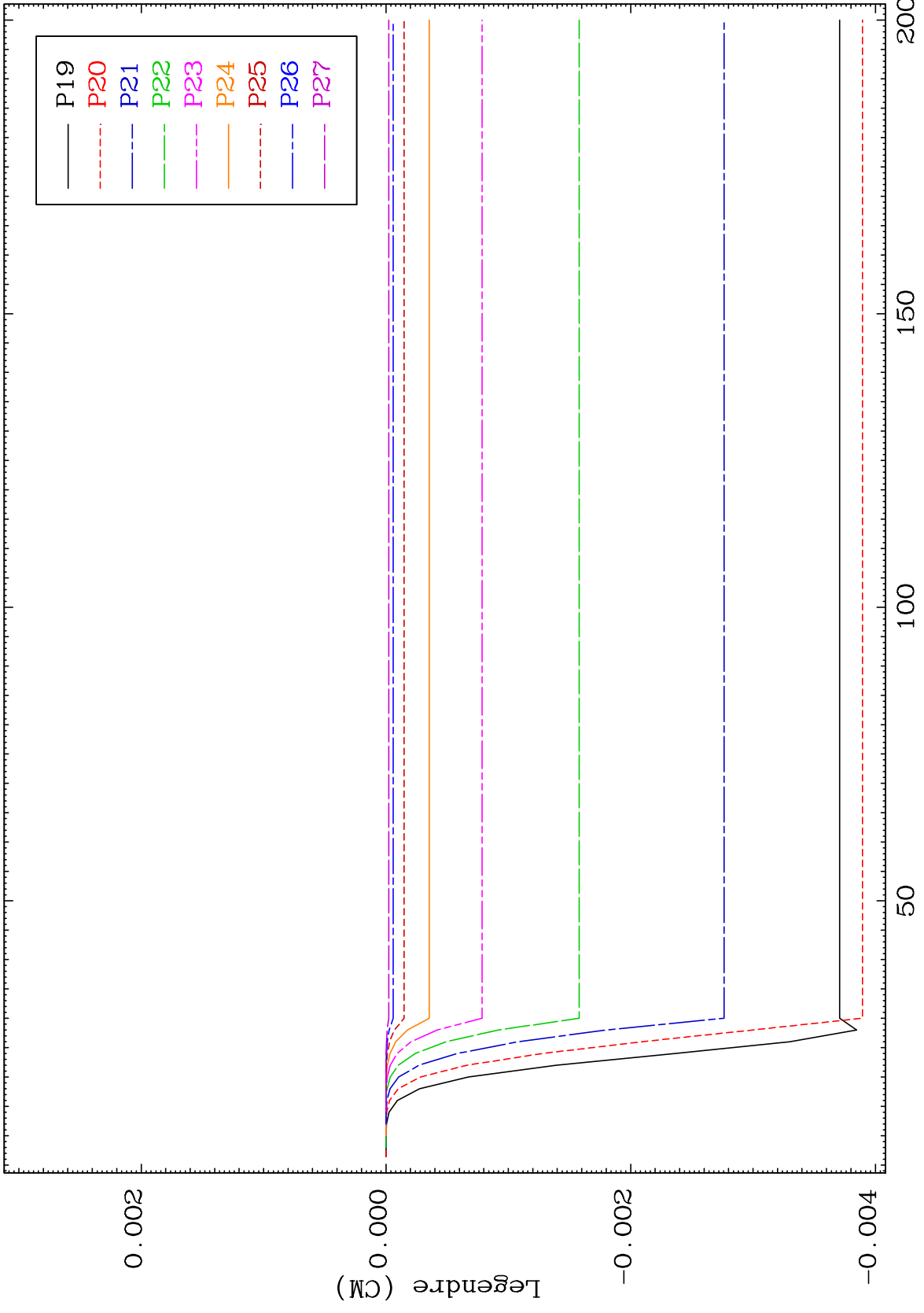
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155

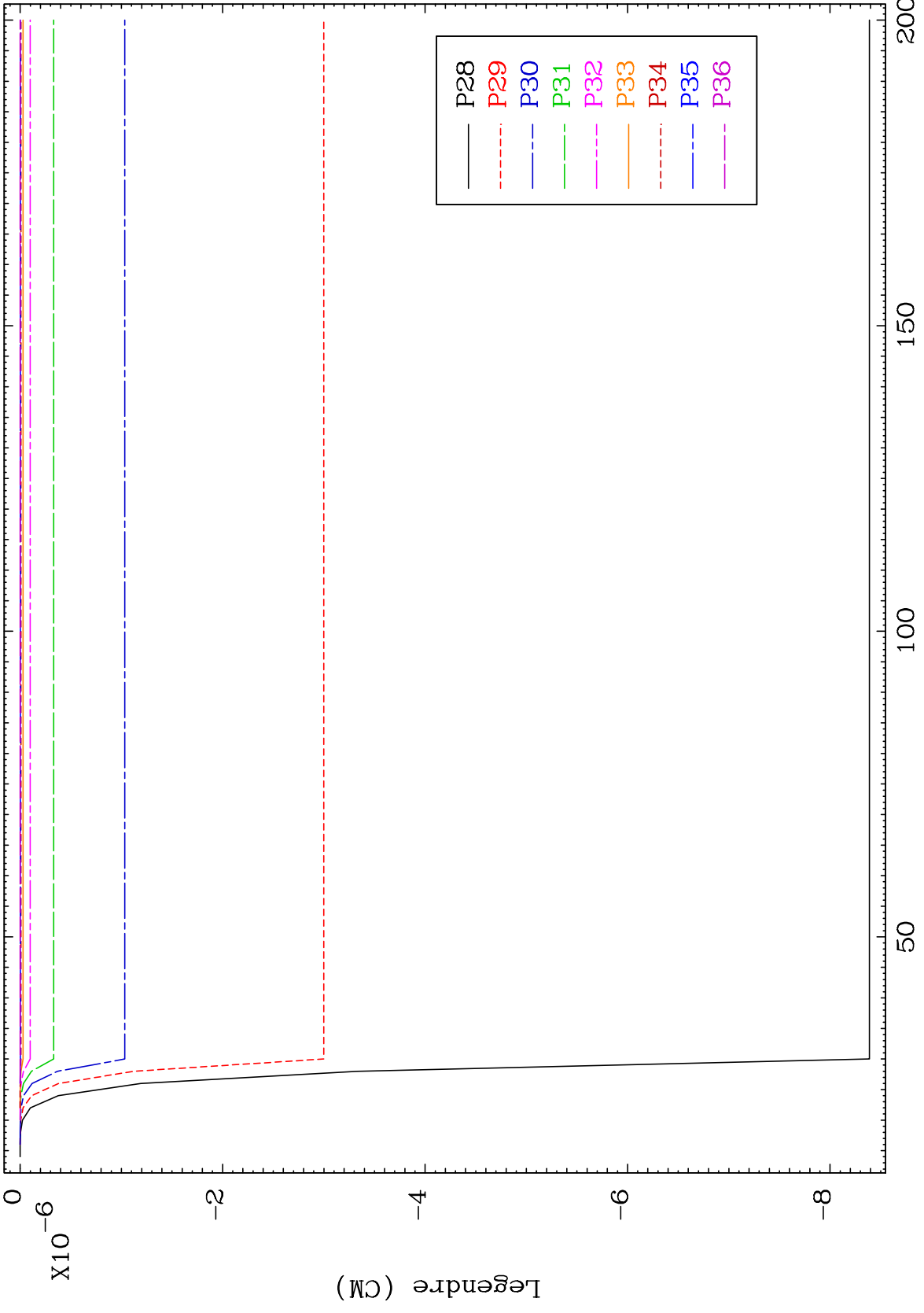


68

Incident Energy (MeV)

61-Pm-155

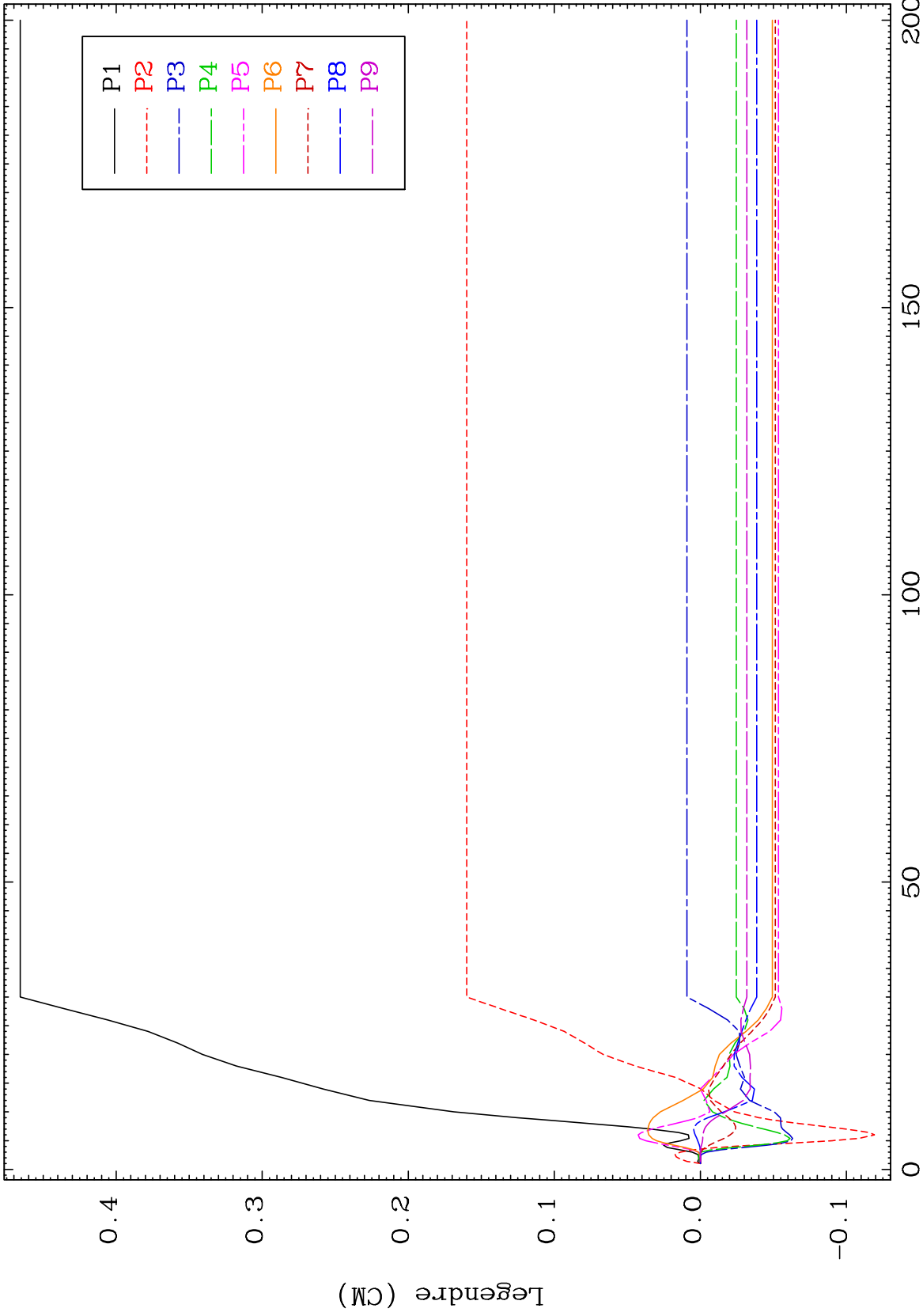
MAT 6173 MT= 63 (n,n') Level Legendre Coefficients 61-Pm-155



MAT 6173

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

61-Pm-155

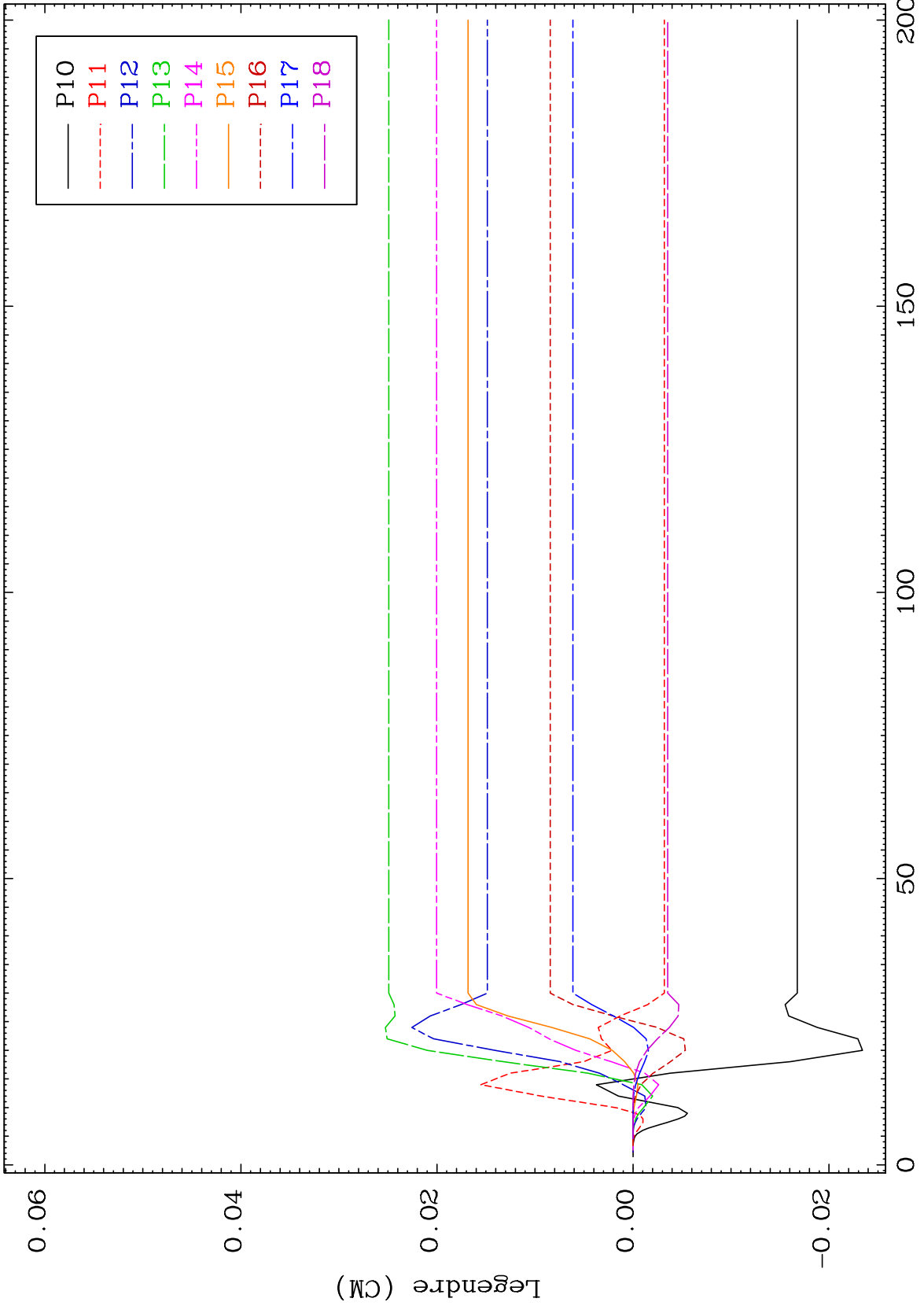


70

Incident Energy (MeV)

61-Pm-155

MAT 6173 MT= 64 (n,n') Level Legendre Coefficients 61-Pm-155

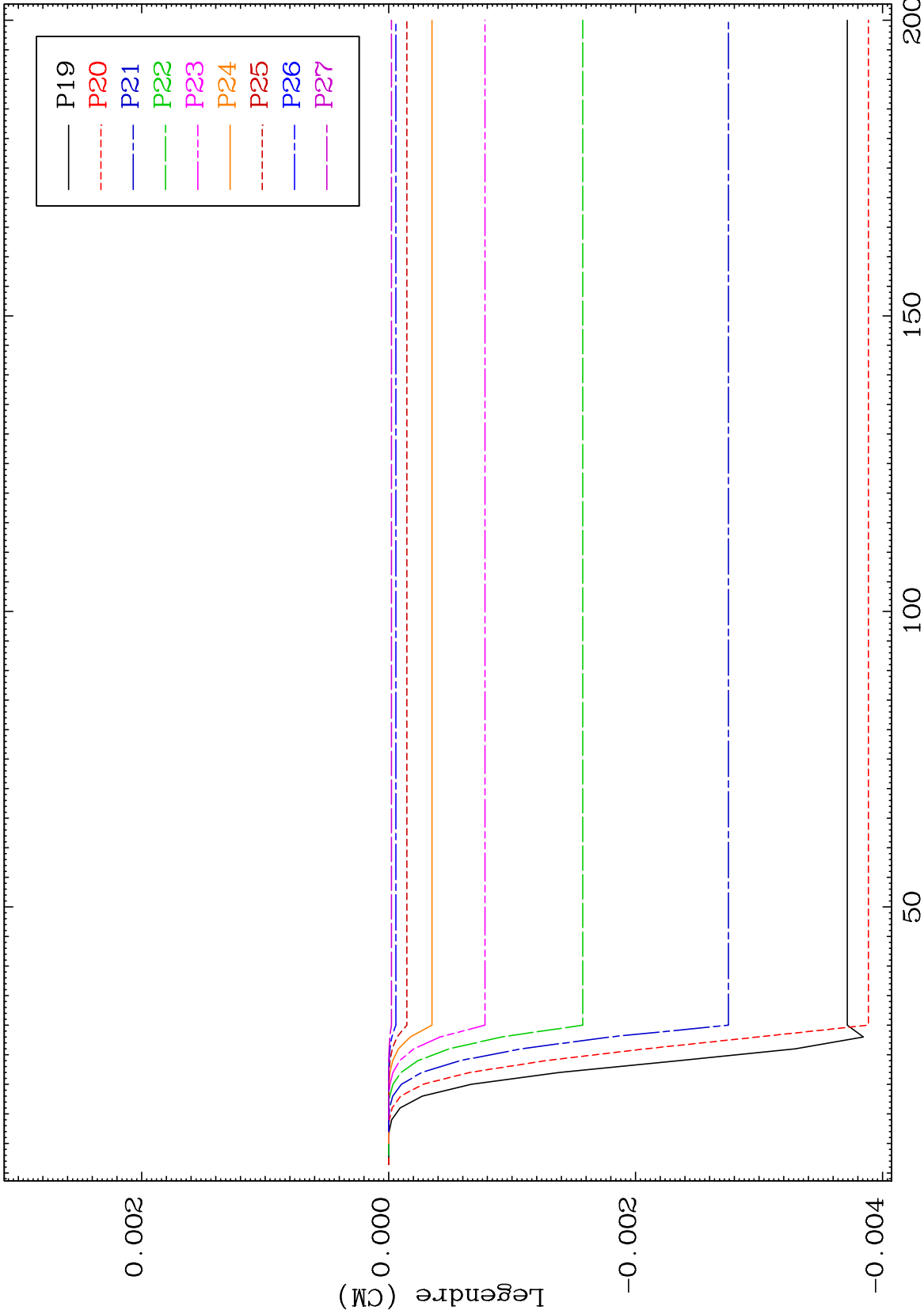


71 61-Pm-155

MAT 6173

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

61-Pm-155

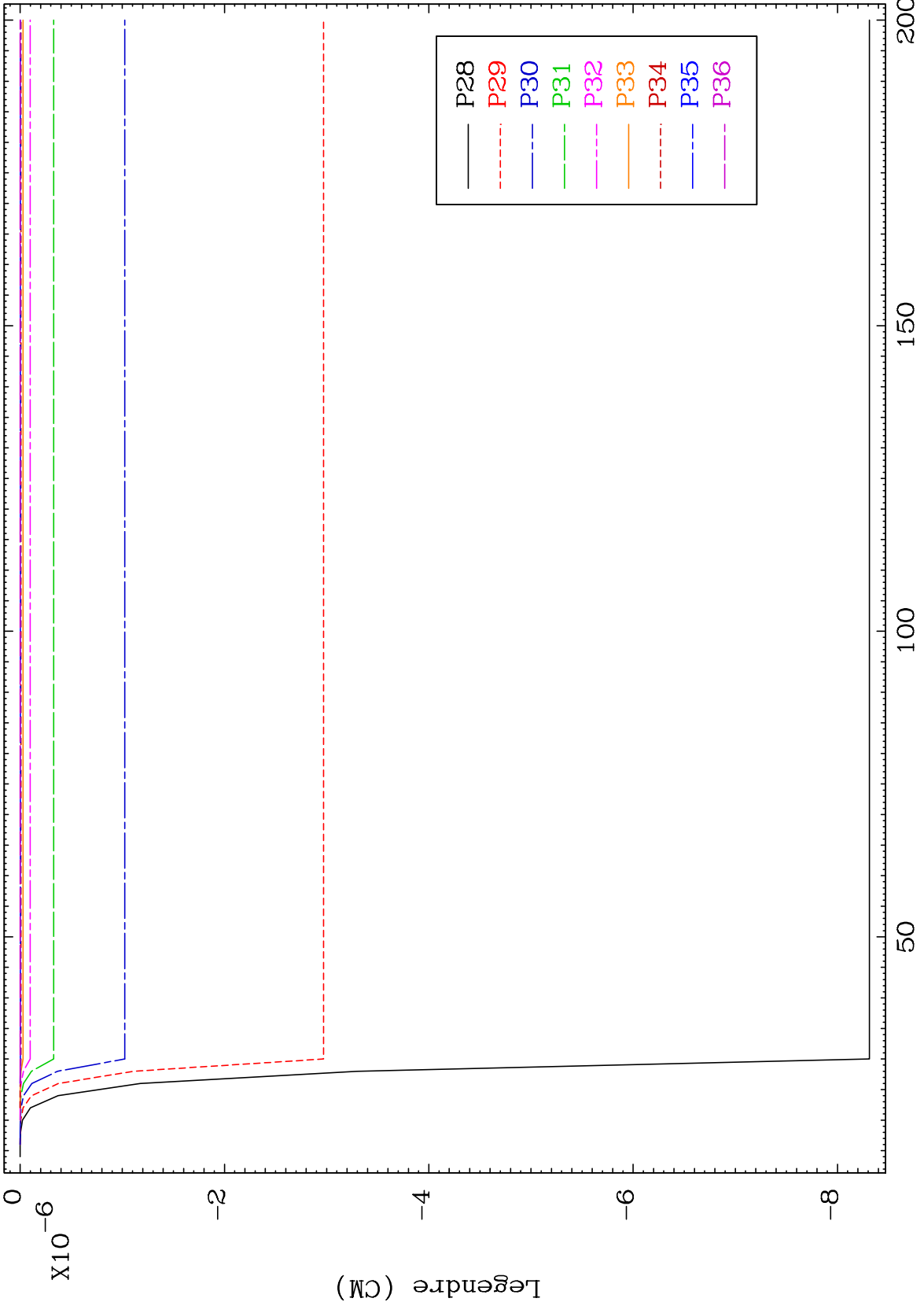


72

Incident Energy (MeV)

61-Pm-155

MAT 6173 MT= 64 (n,n') Level Legendre Coefficients 61-Pm-155

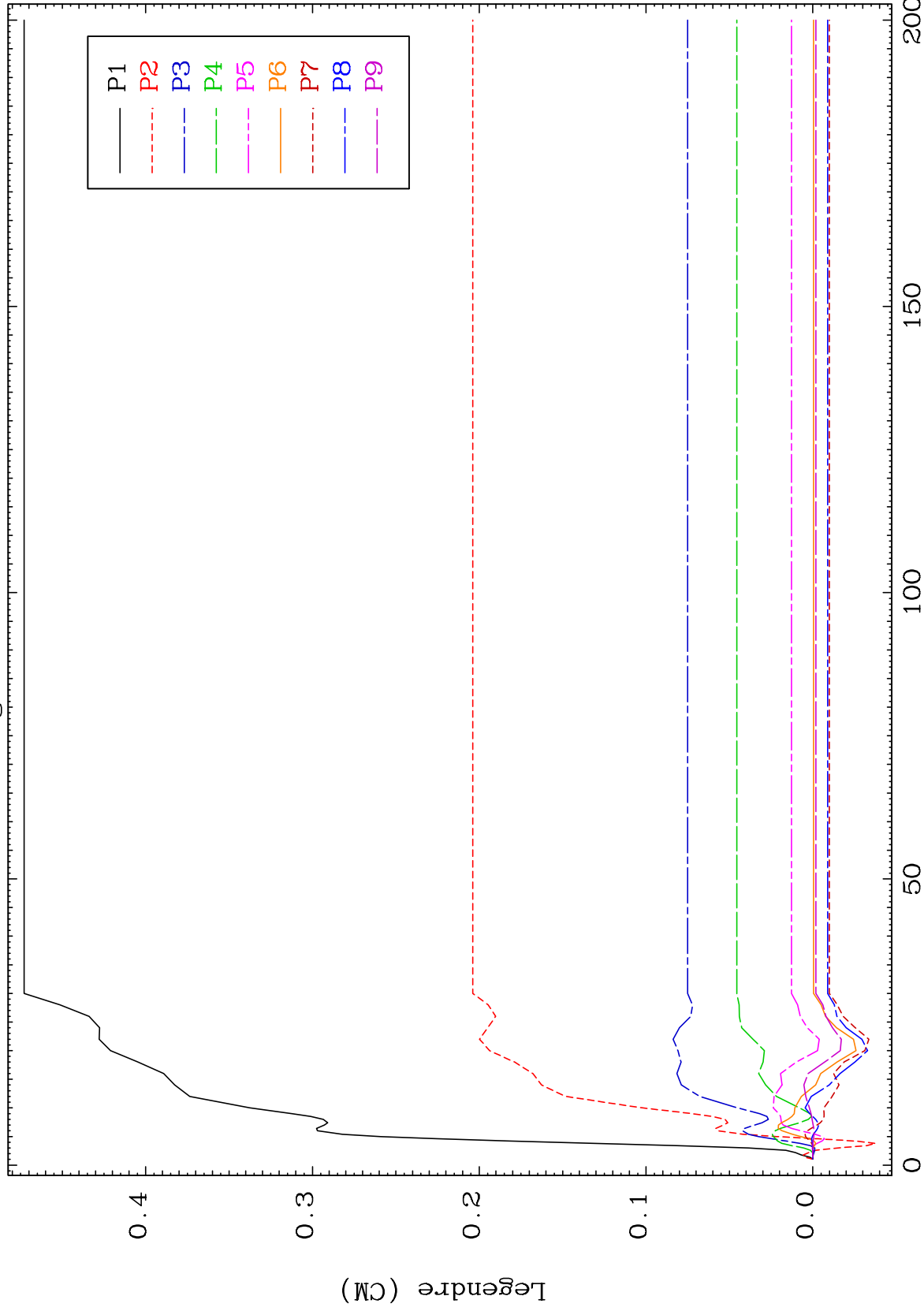


73 Incident Energy (MeV) 61-Pm-155

MAT 6173

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

61-Pm-155



74

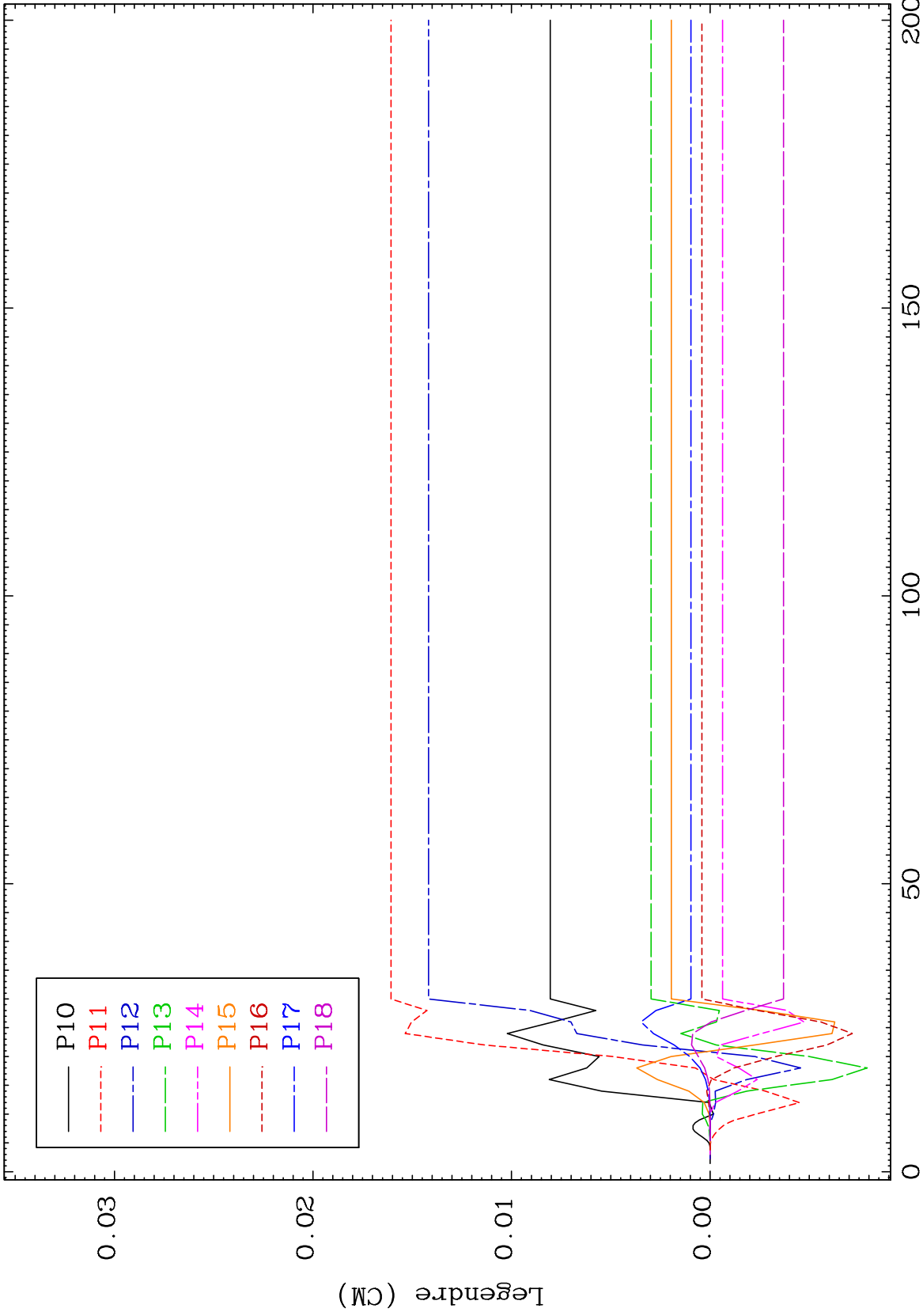
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



75

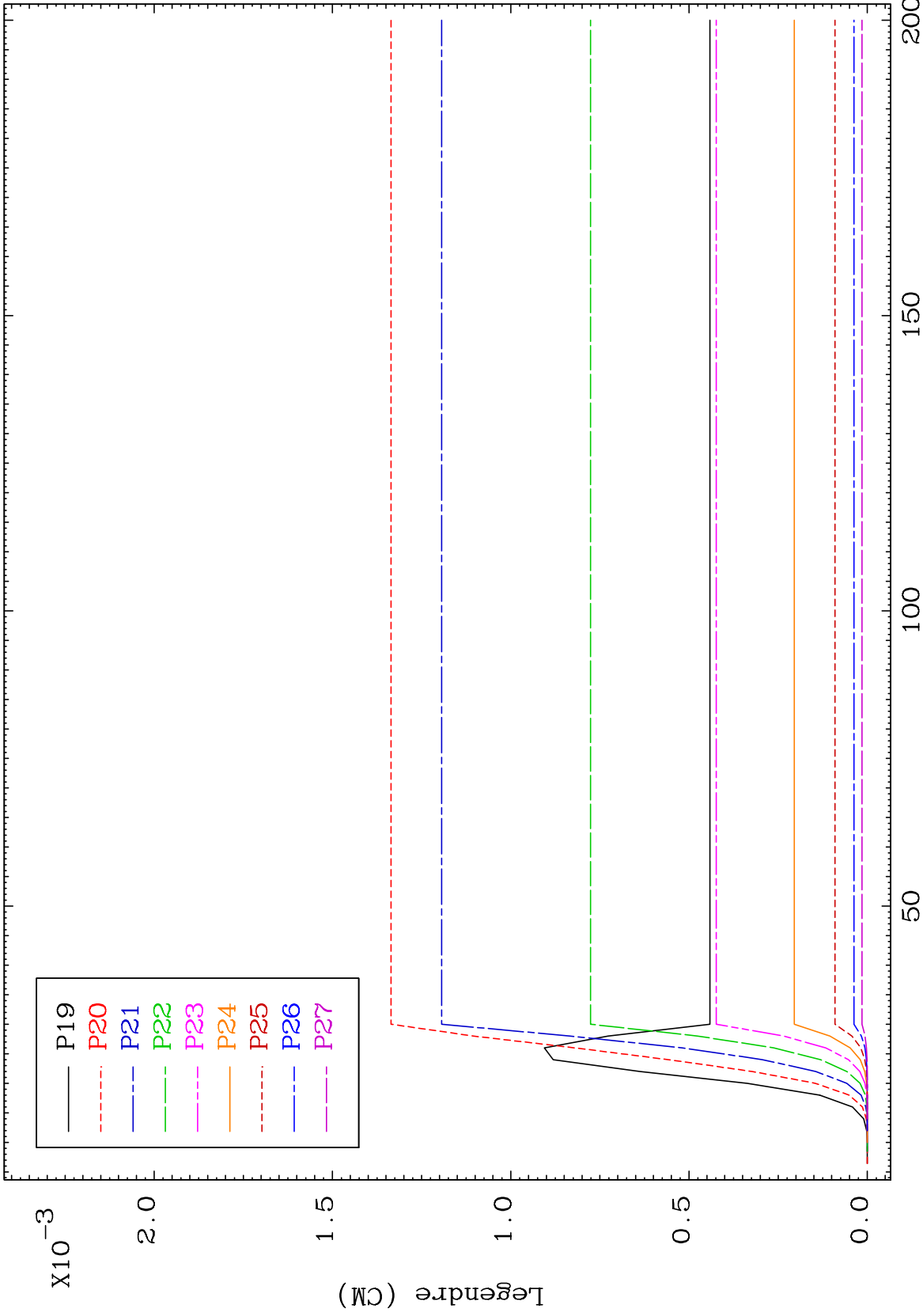
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



76

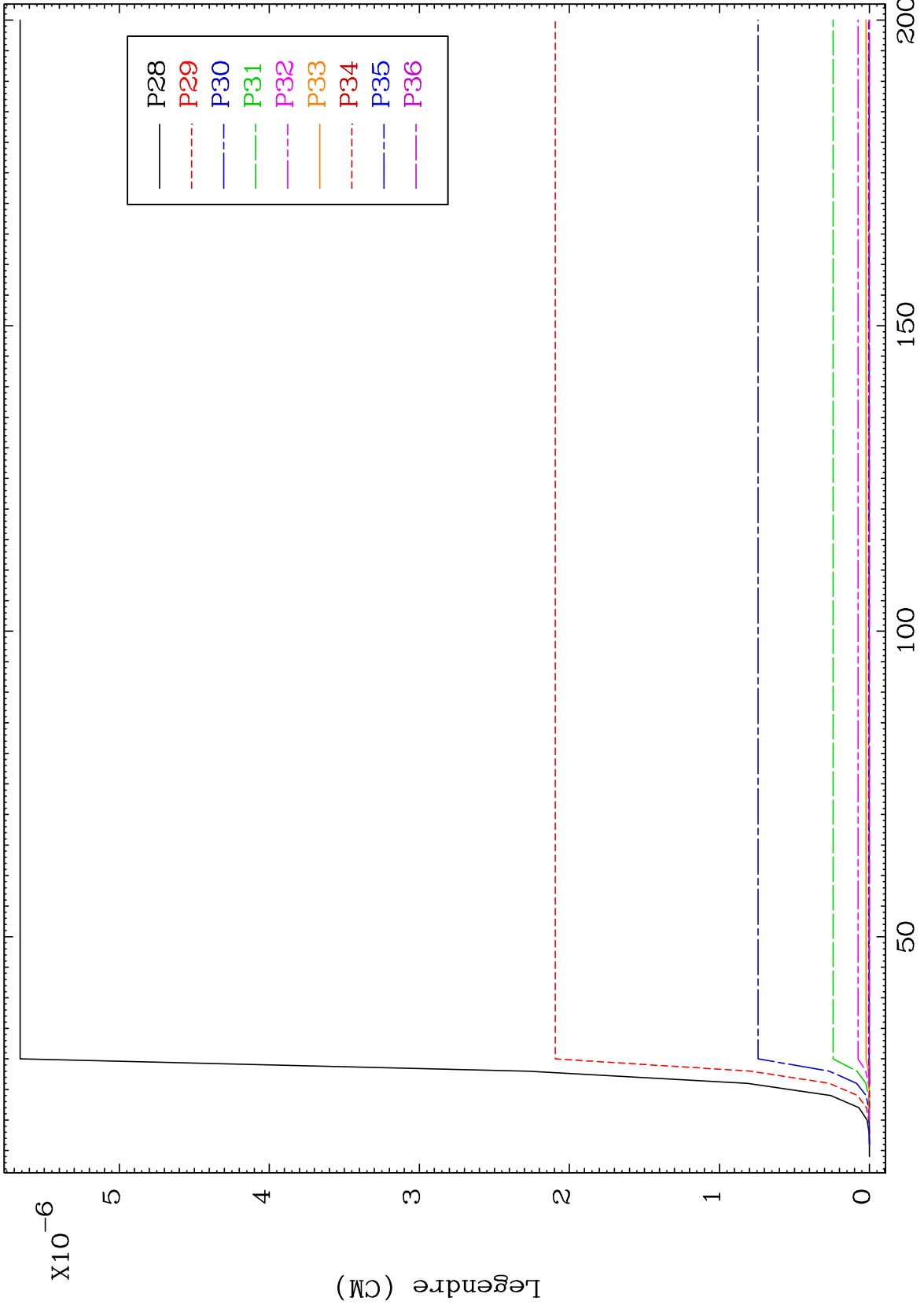
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



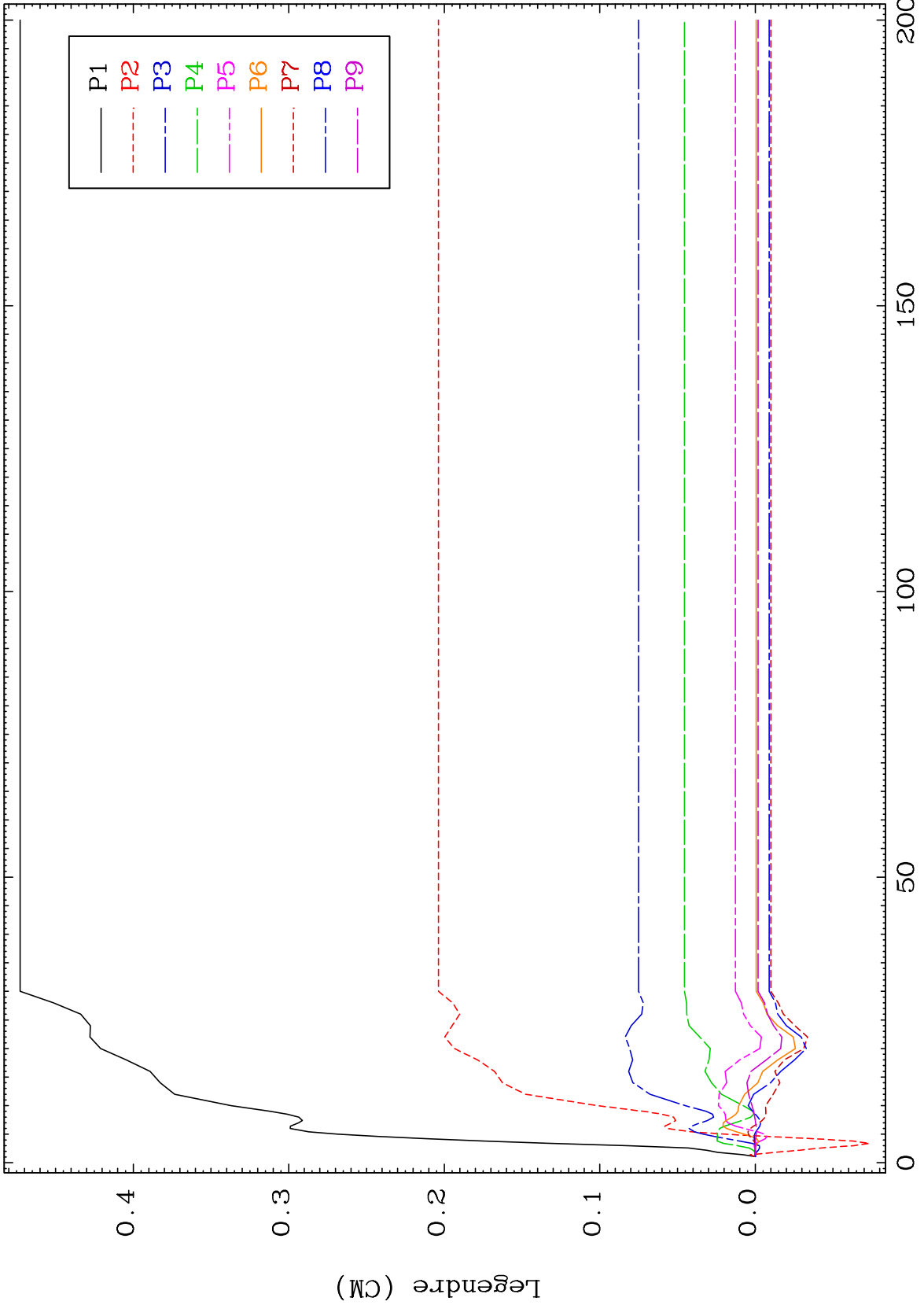
77

61-Pm-155

MAT 6173

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

61-Pm-155



78

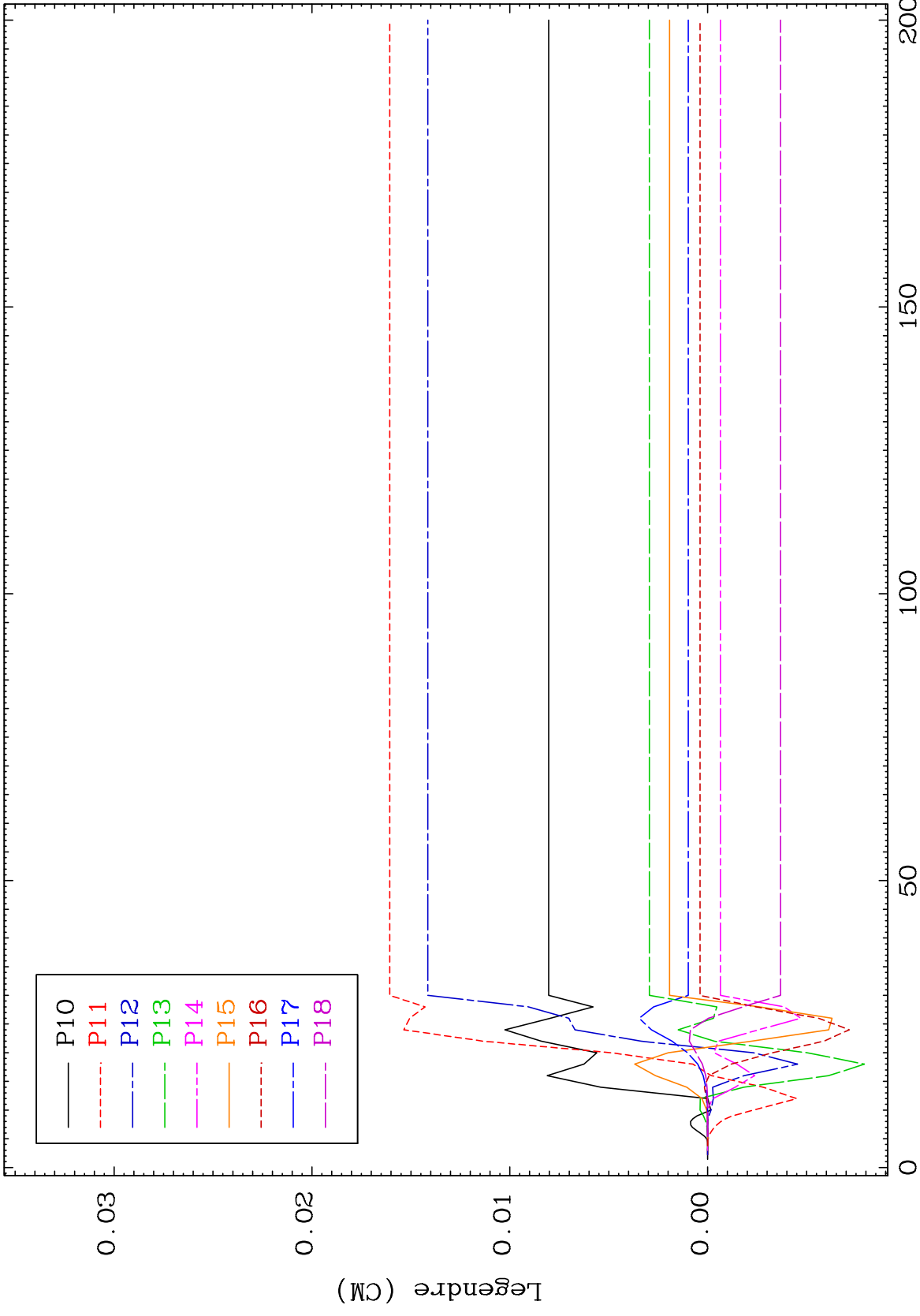
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



79

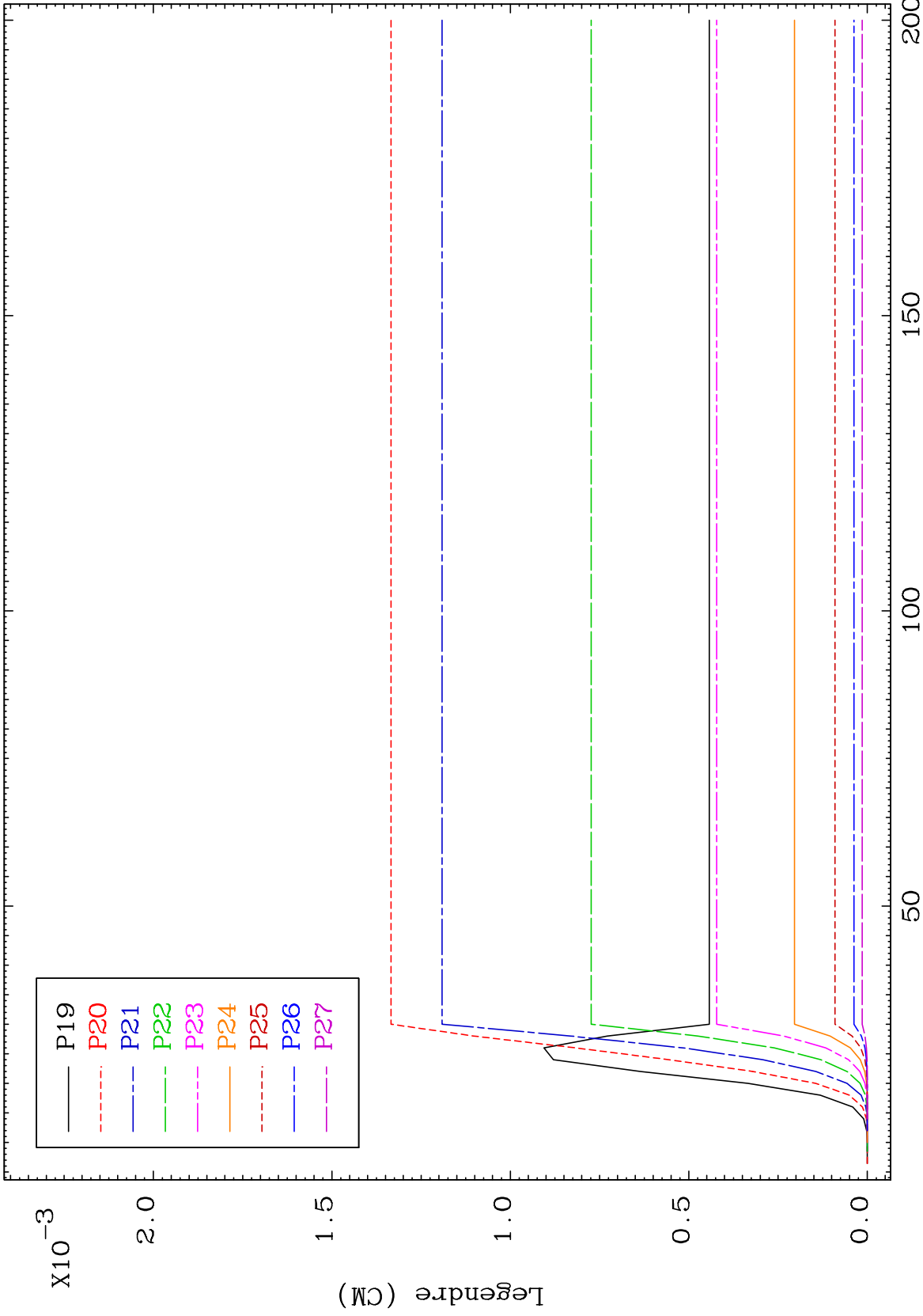
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



80

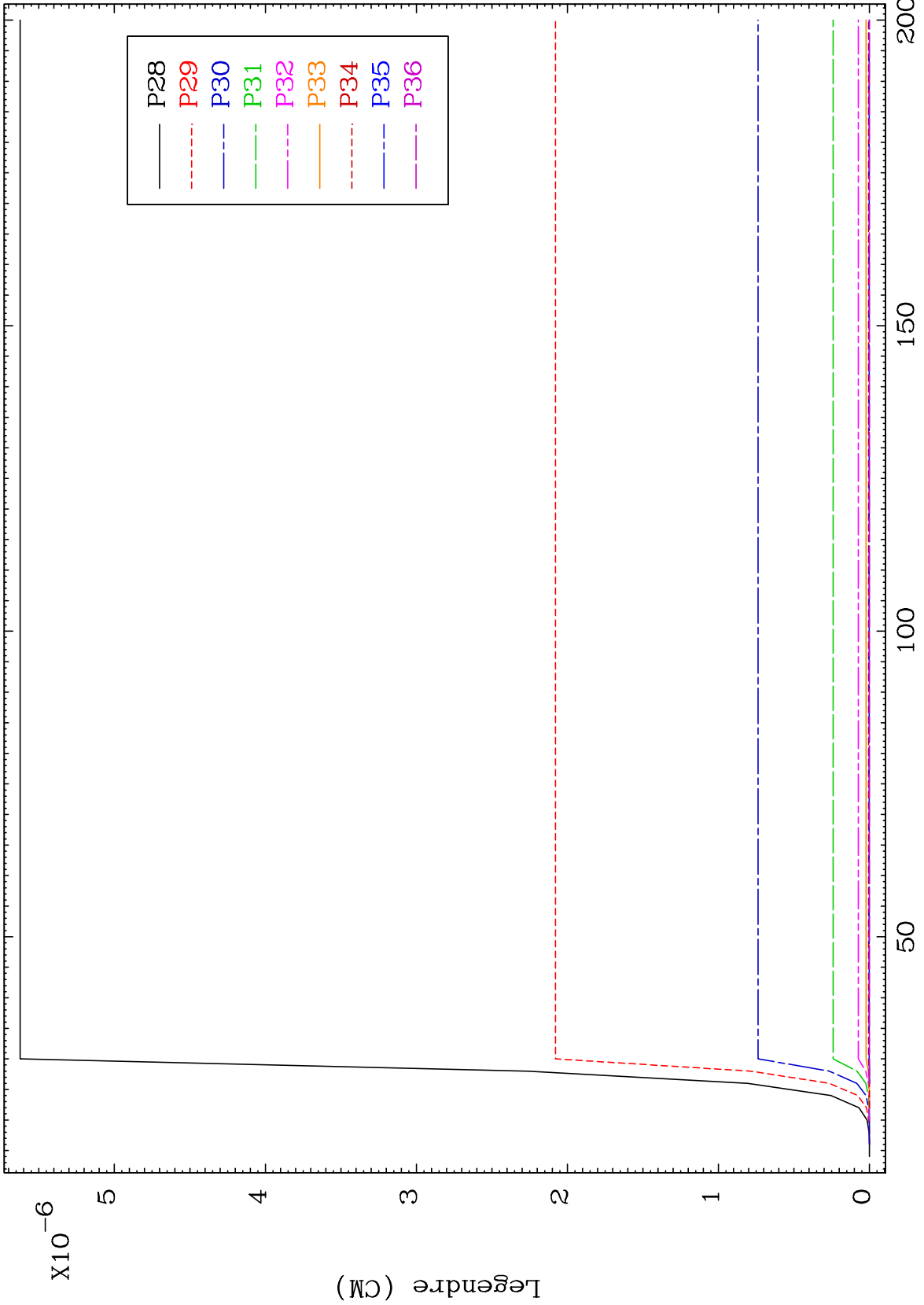
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



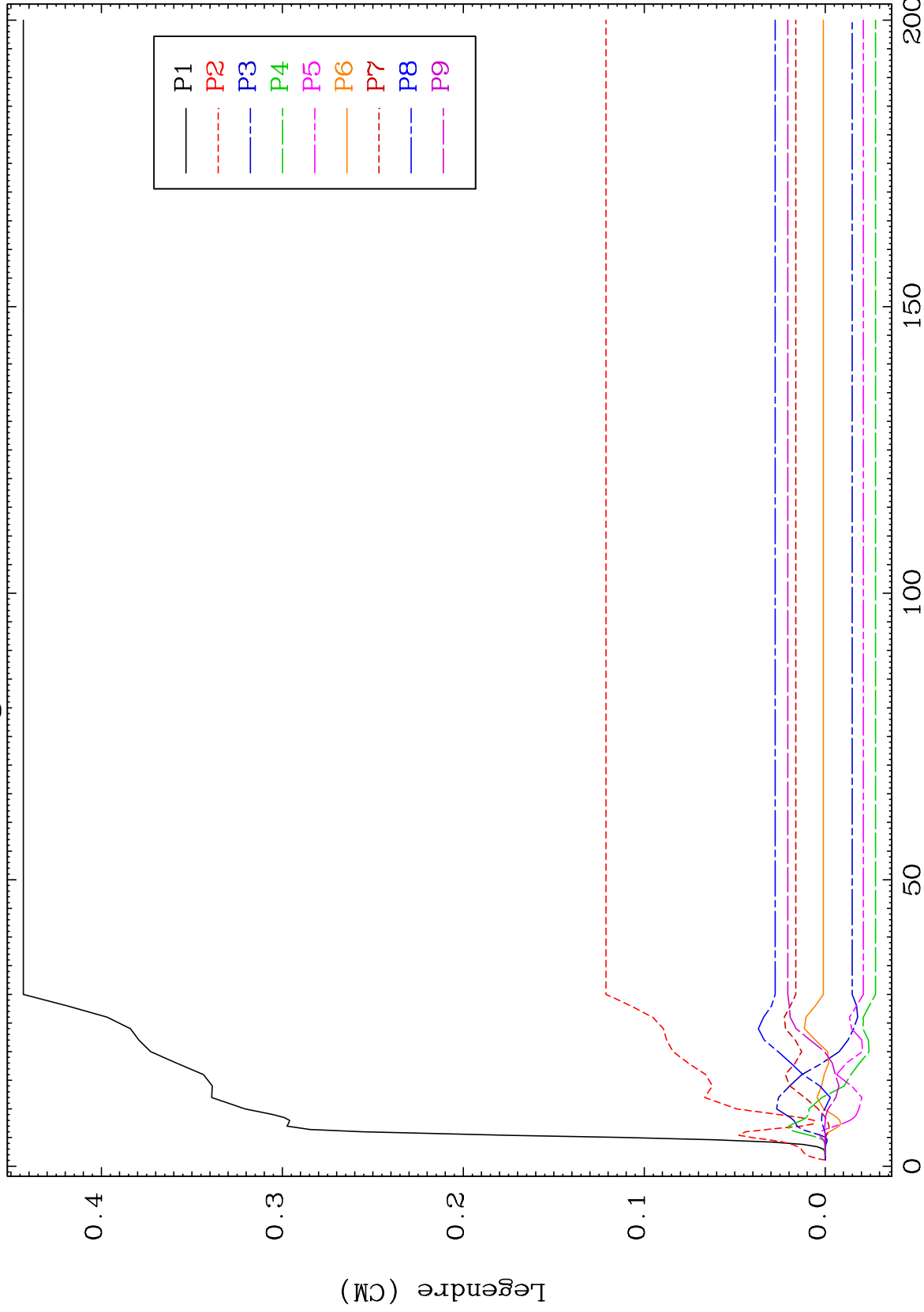
81

61-Pm-155

MAT 6173

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

61-Pm-155



82

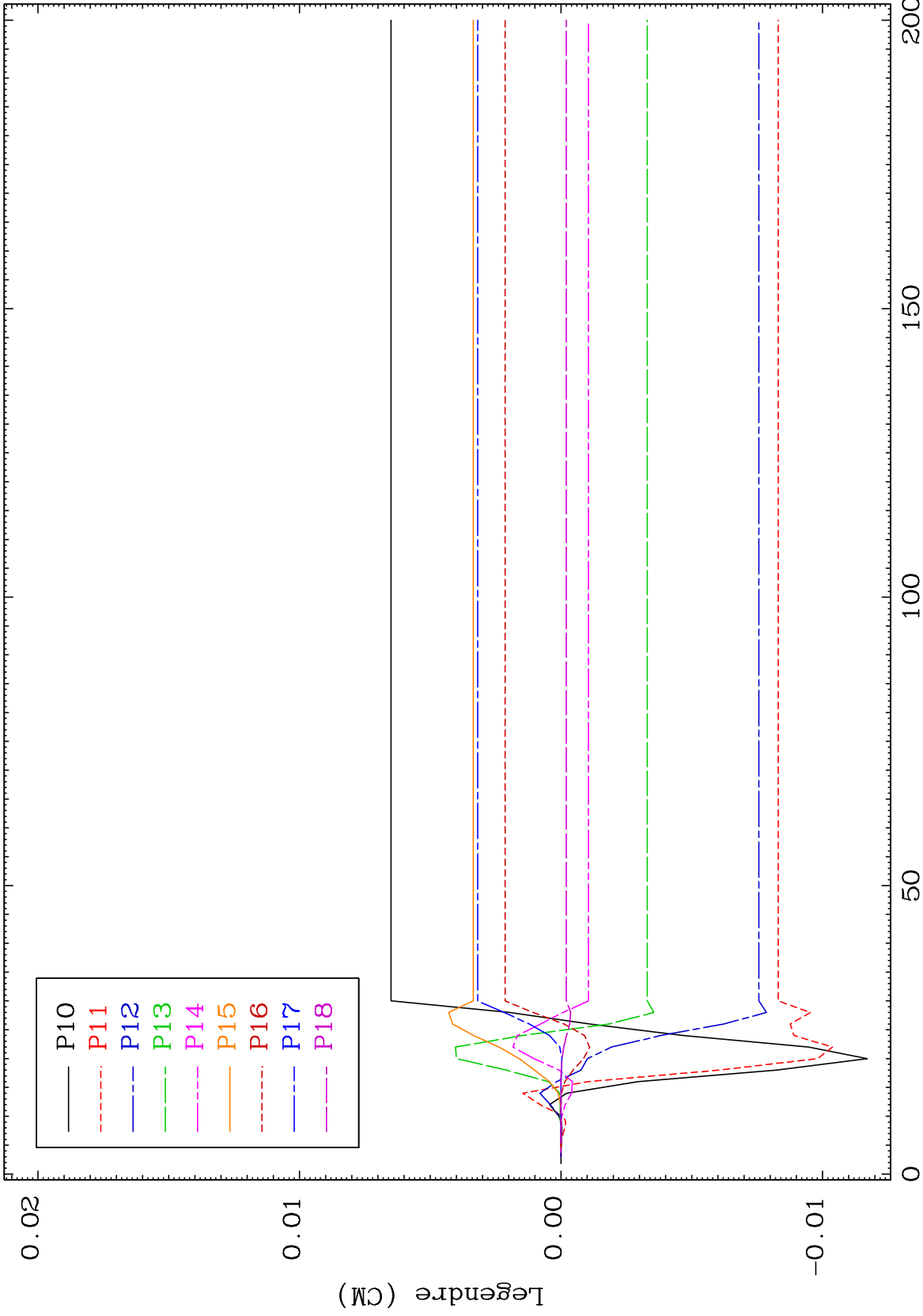
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155

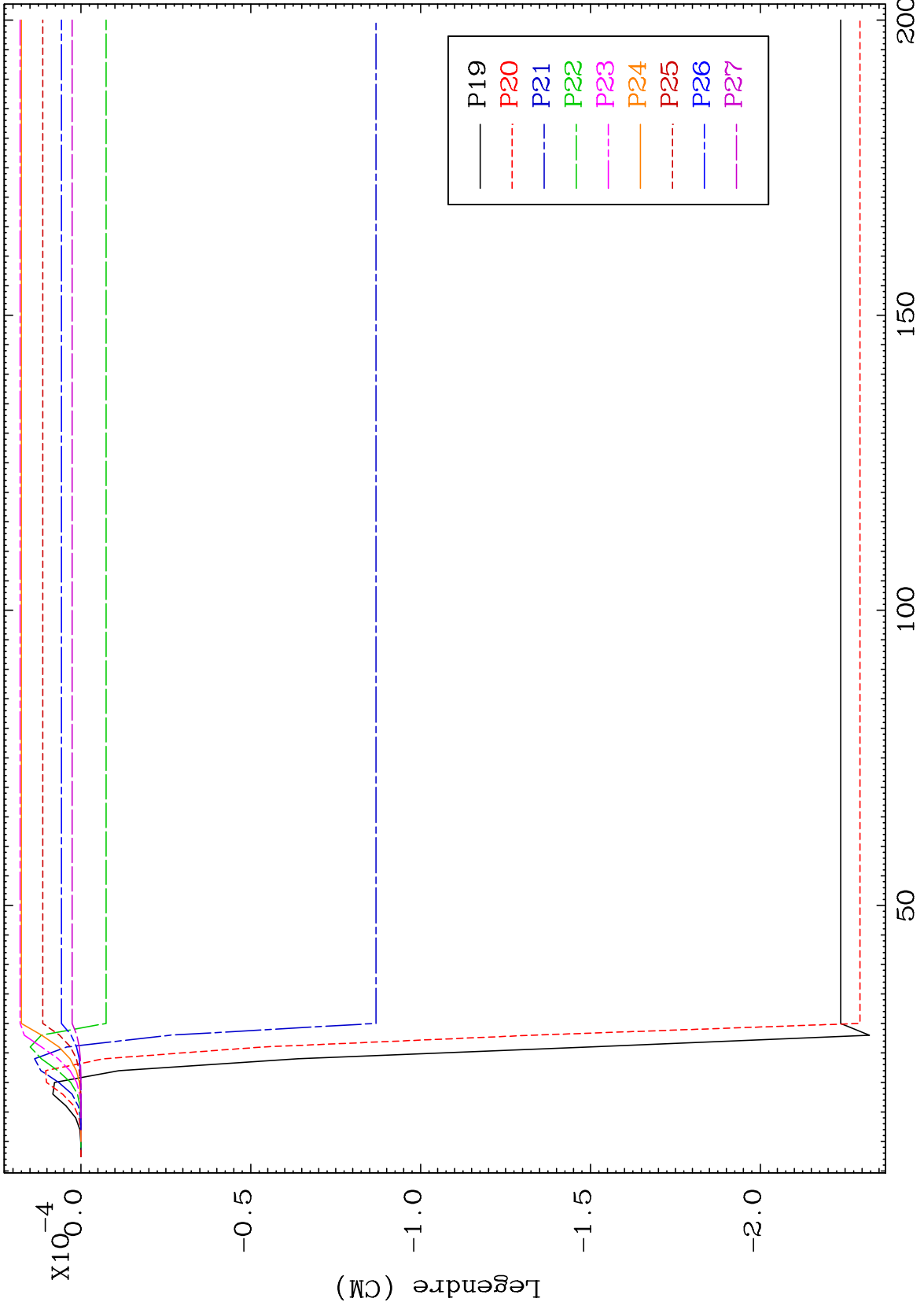


83

Incident Energy (MeV)

61-Pm-155

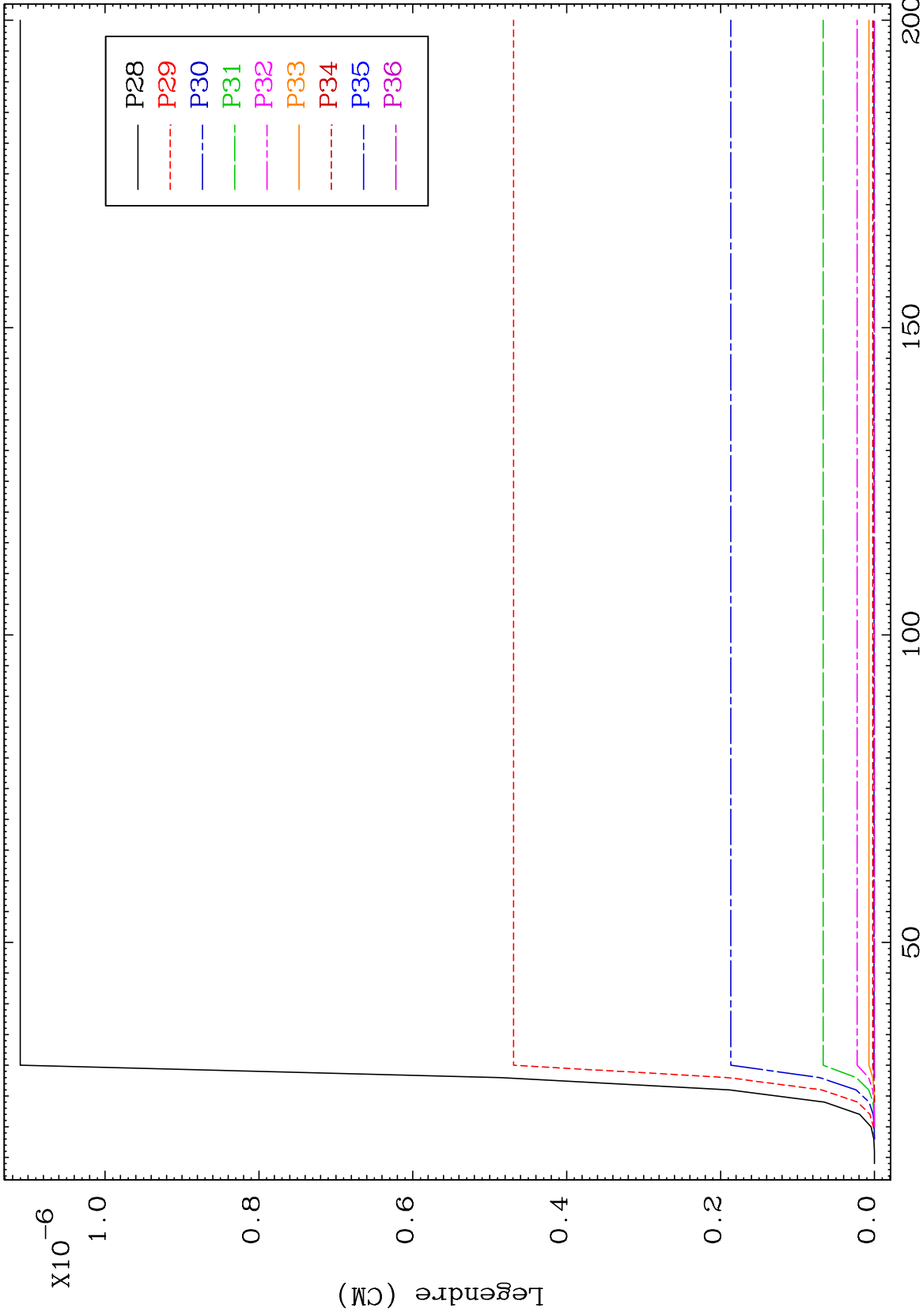
MAT 6173 MT= 67 (n,n') Level Legendre Coefficients 61-Pm-155



MAT 6173

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

61-Pm-155



85

61-Pm-155

200

150

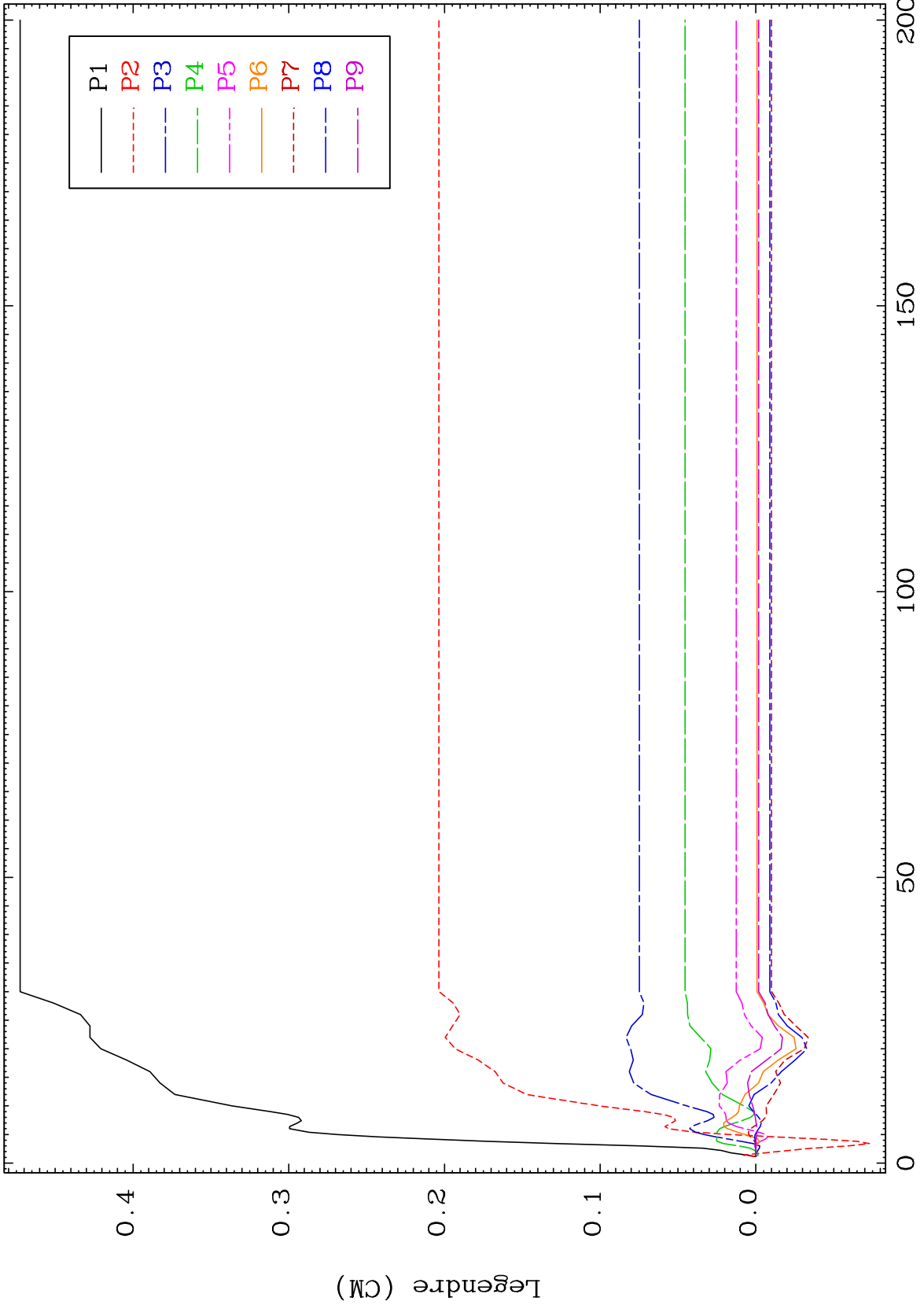
100

50

MAT 6173

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

61-Pm-155



86

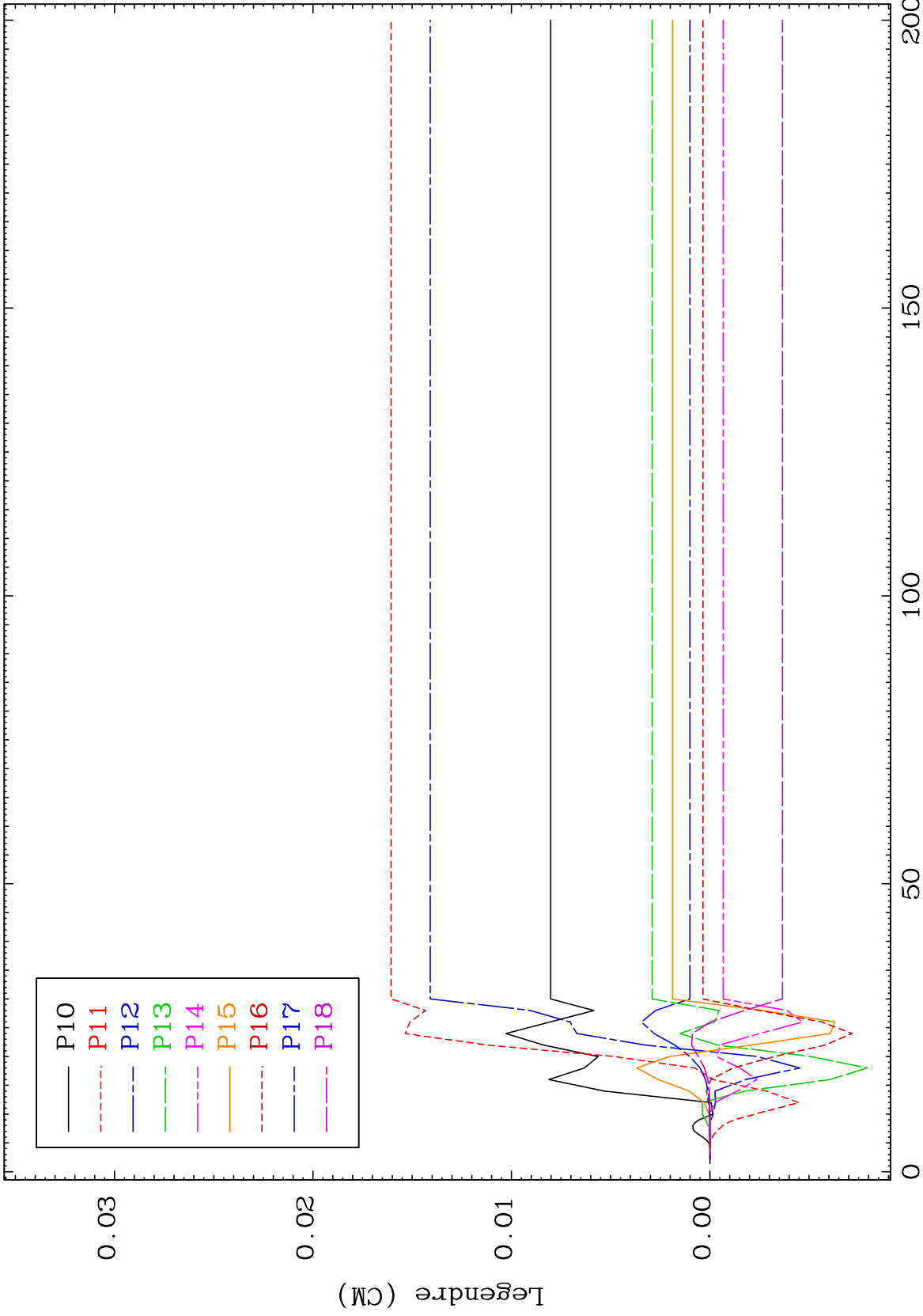
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



87

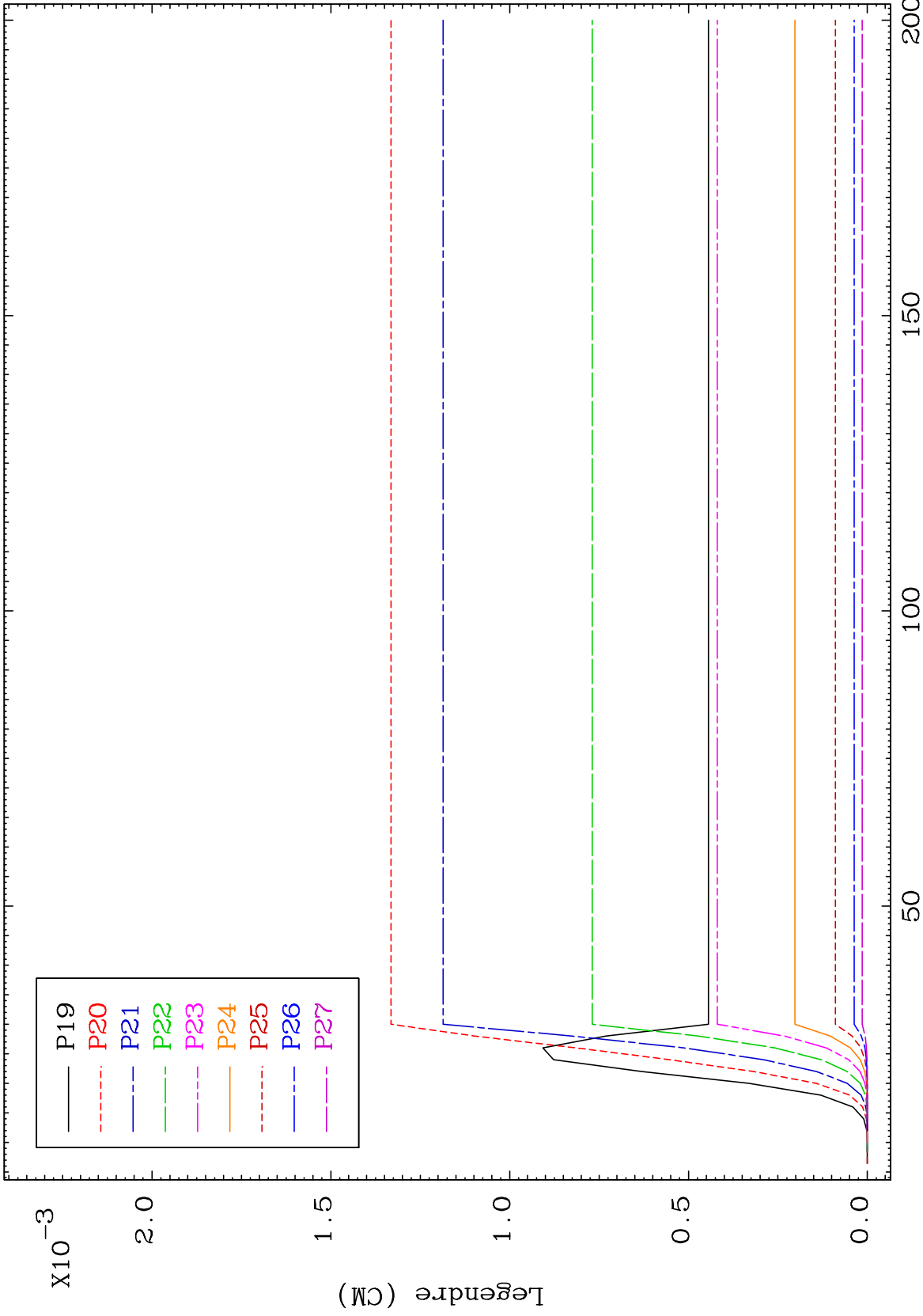
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



88

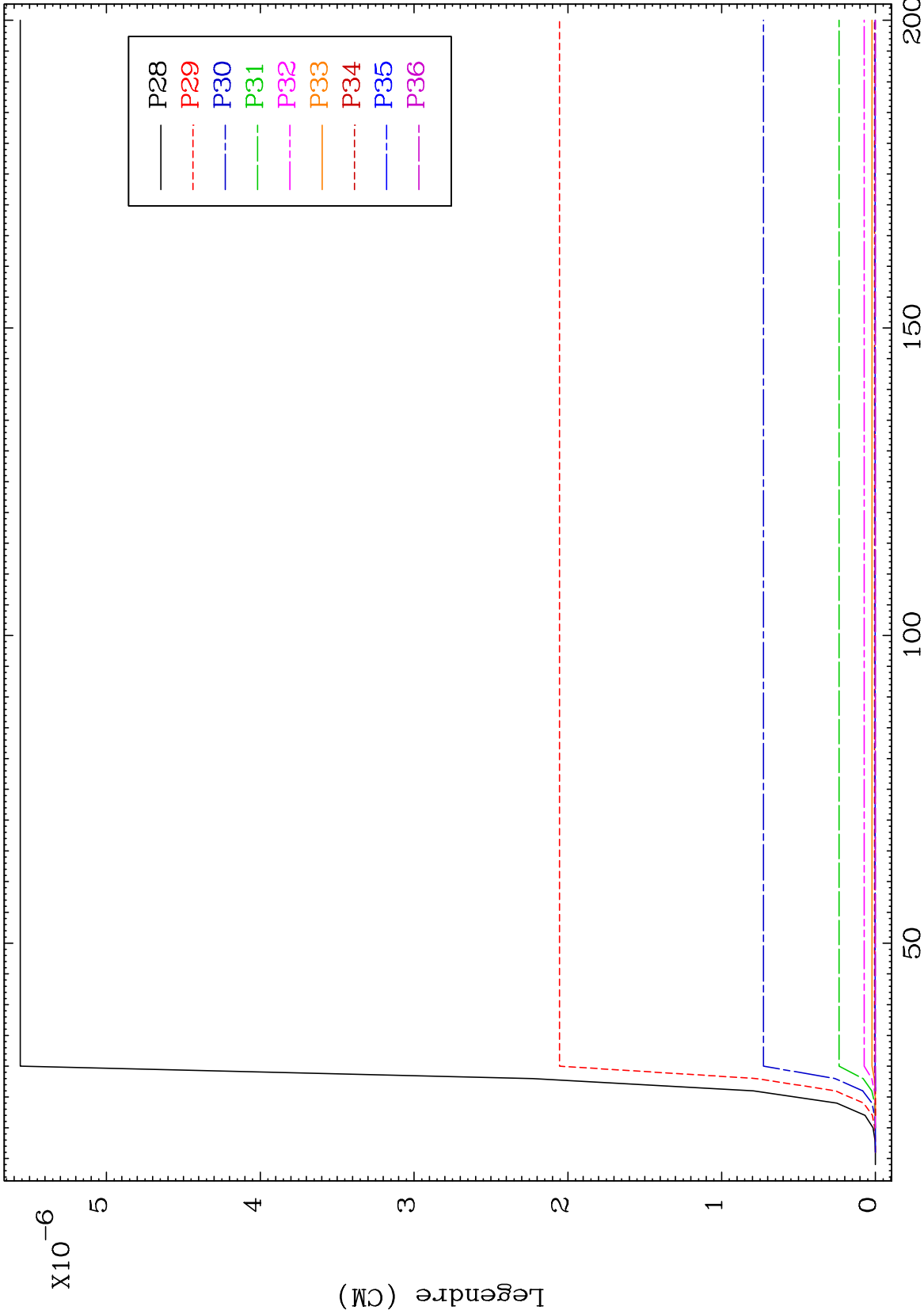
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



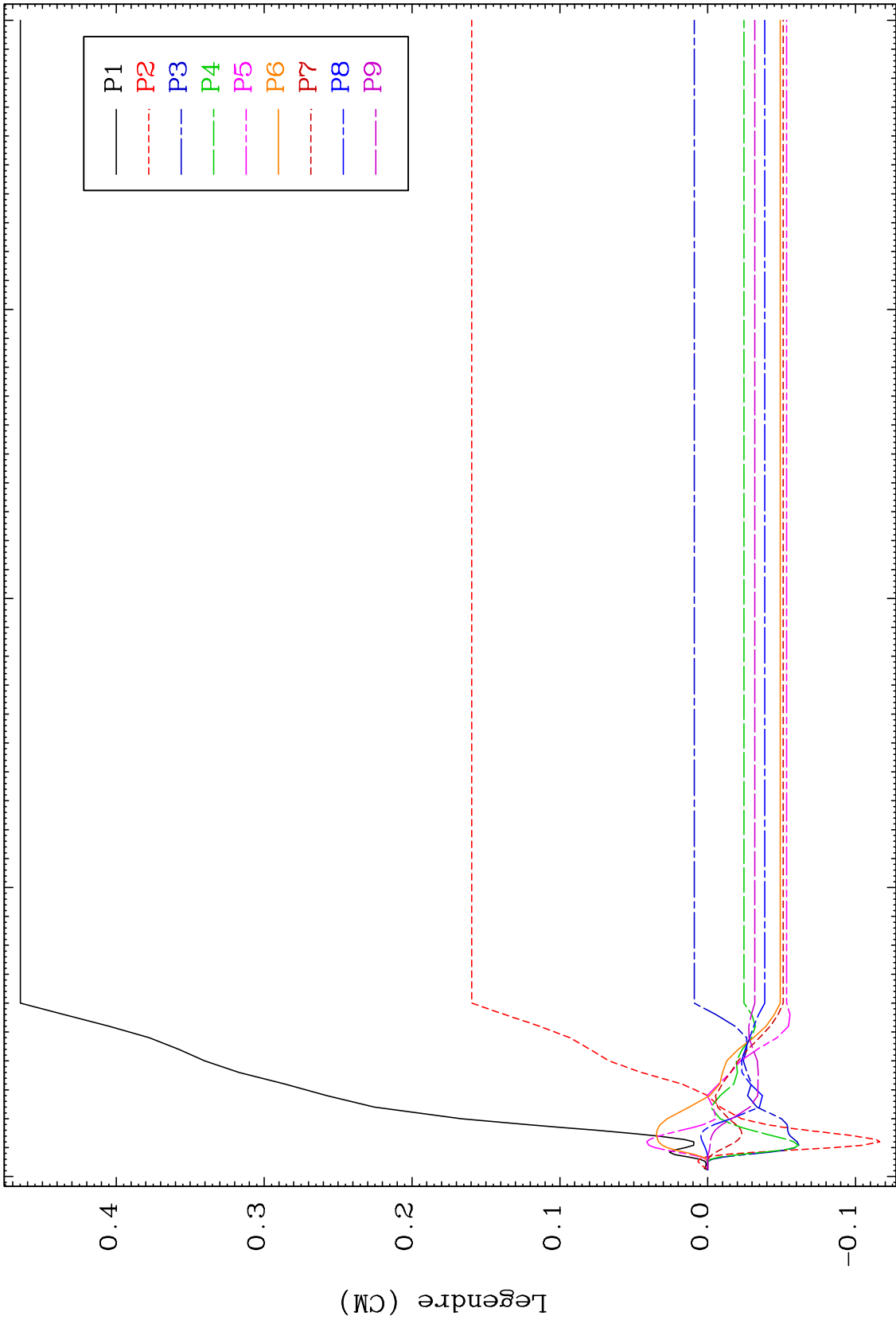
89

61-Pm-155

MAT 6173

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

61-Pm-155



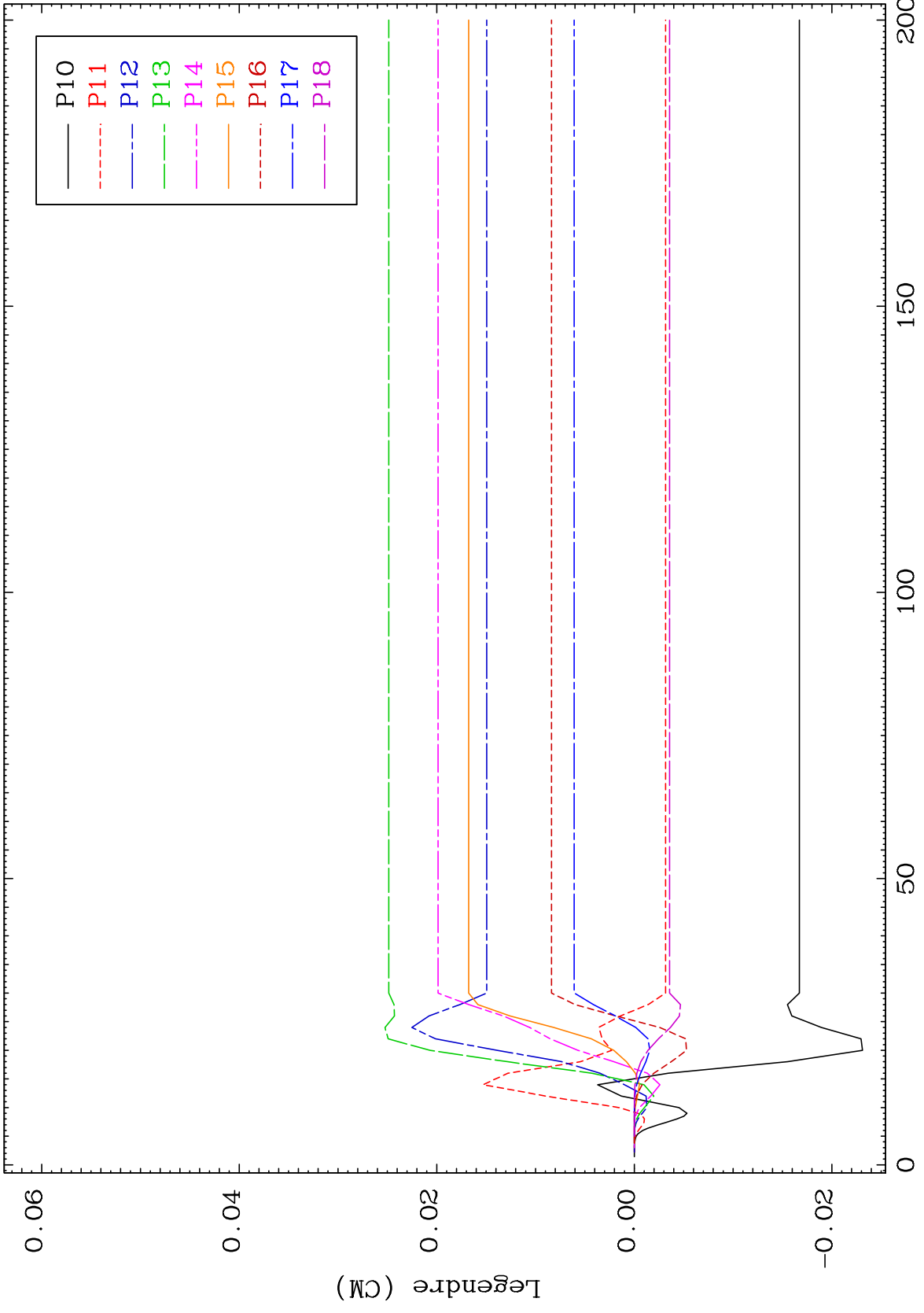
61-Pm-155

Incident Energy (MeV)

MAT 6173

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

61-Pm-155



91

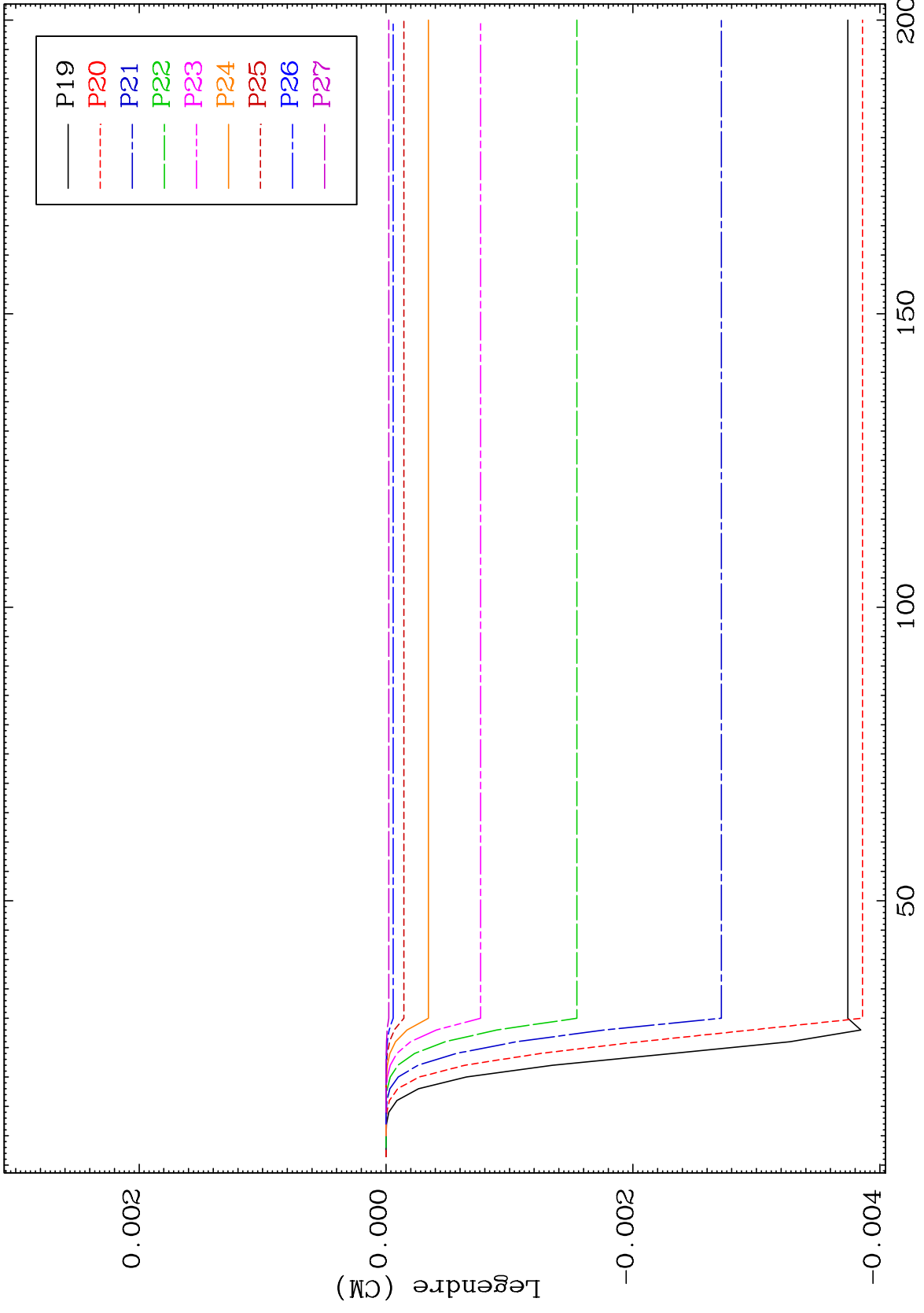
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155

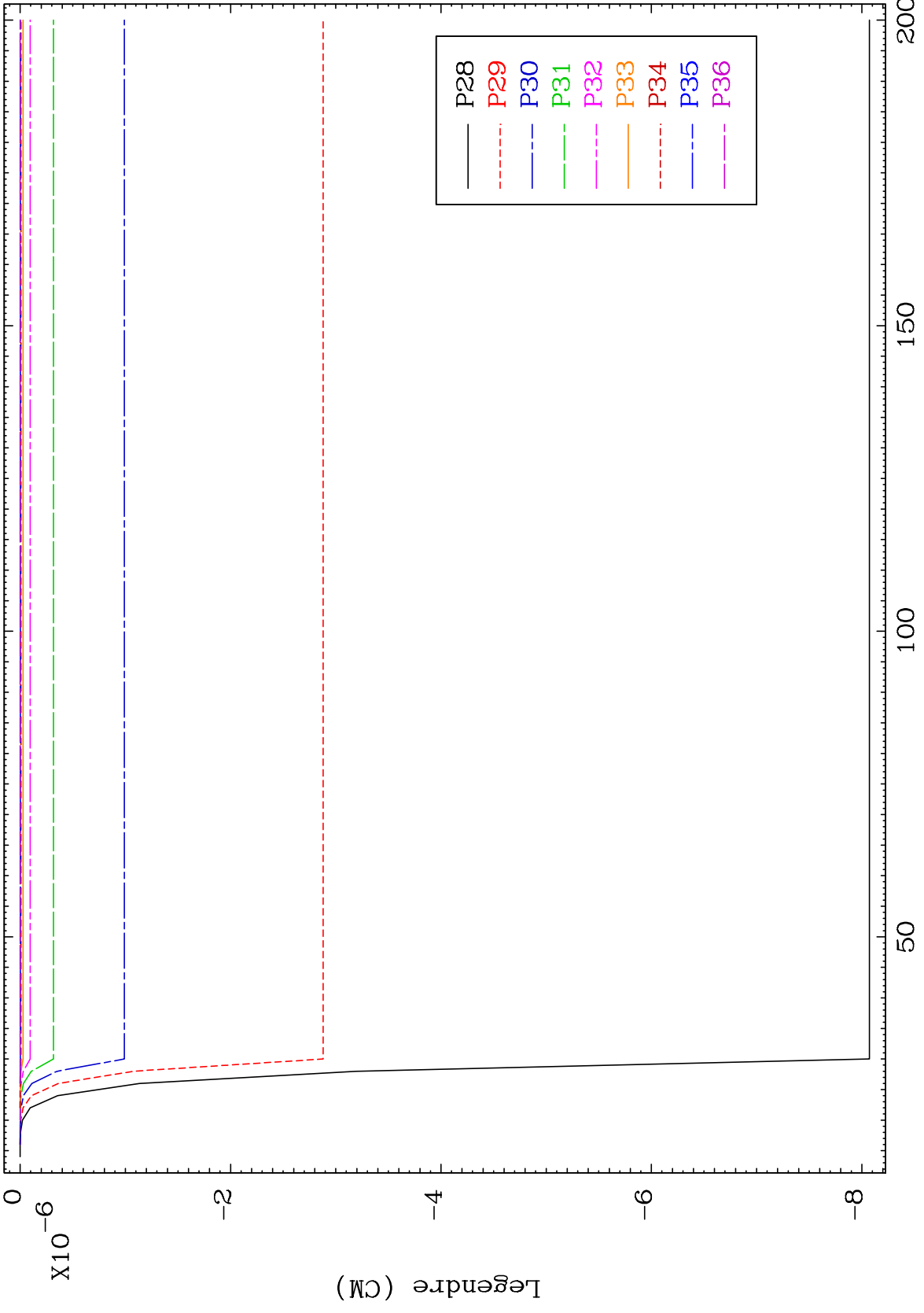


92

Incident Energy (MeV)

61-Pm-155

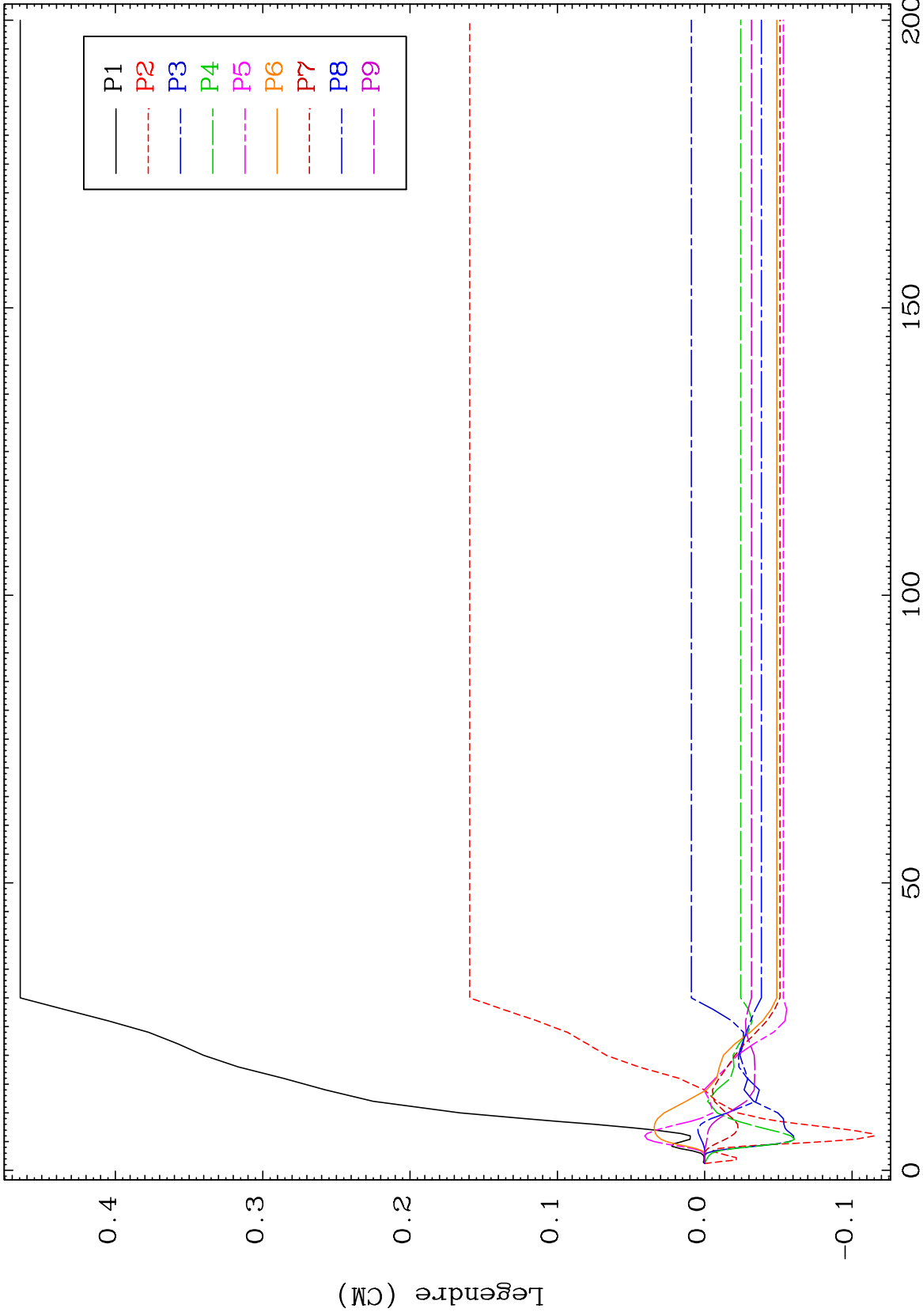
MAT 6173 MT= 69 (n,n') Level Legendre Coefficients 61-Pm-155



MAT 6173

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

61-Pm-155



94

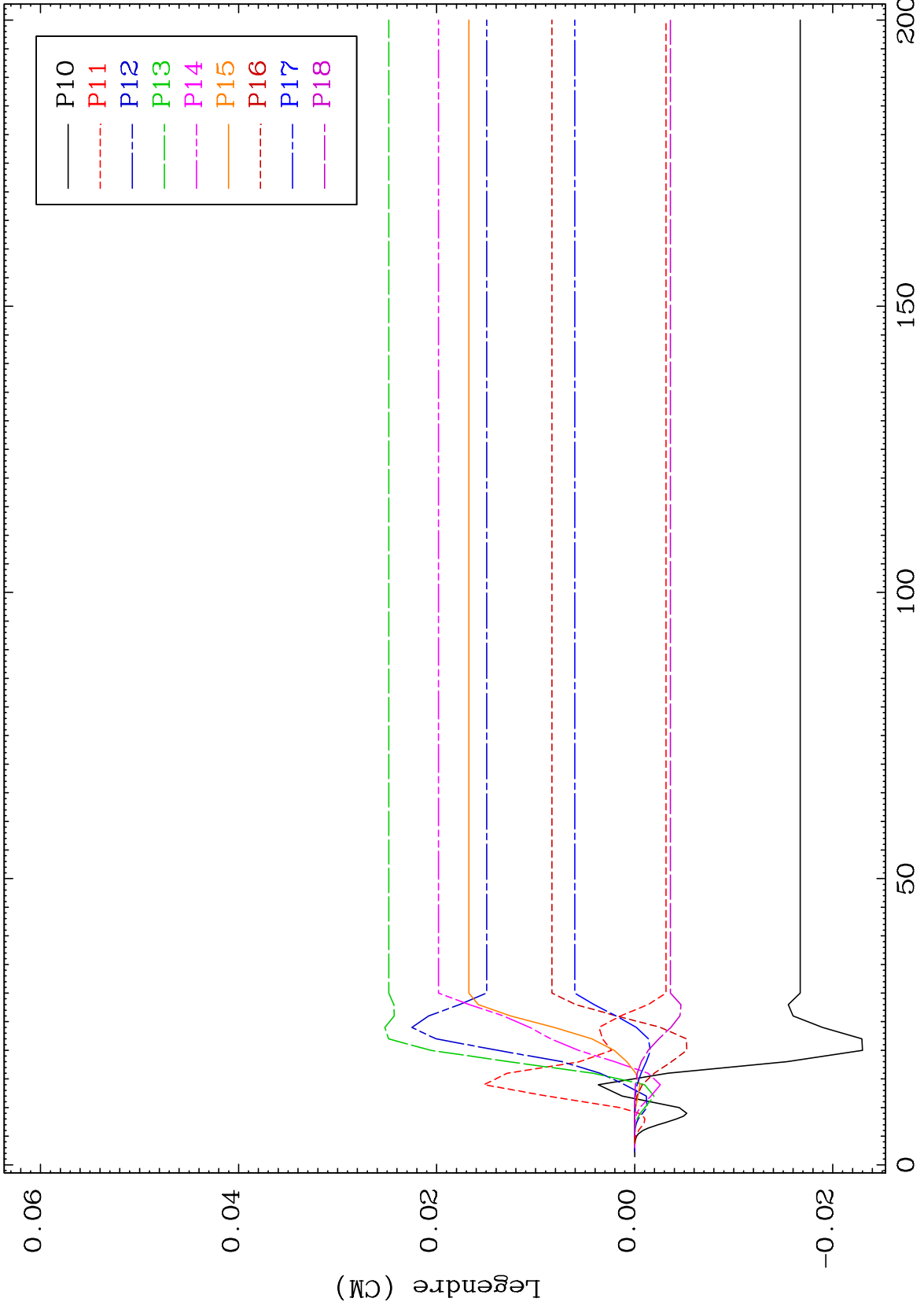
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



95

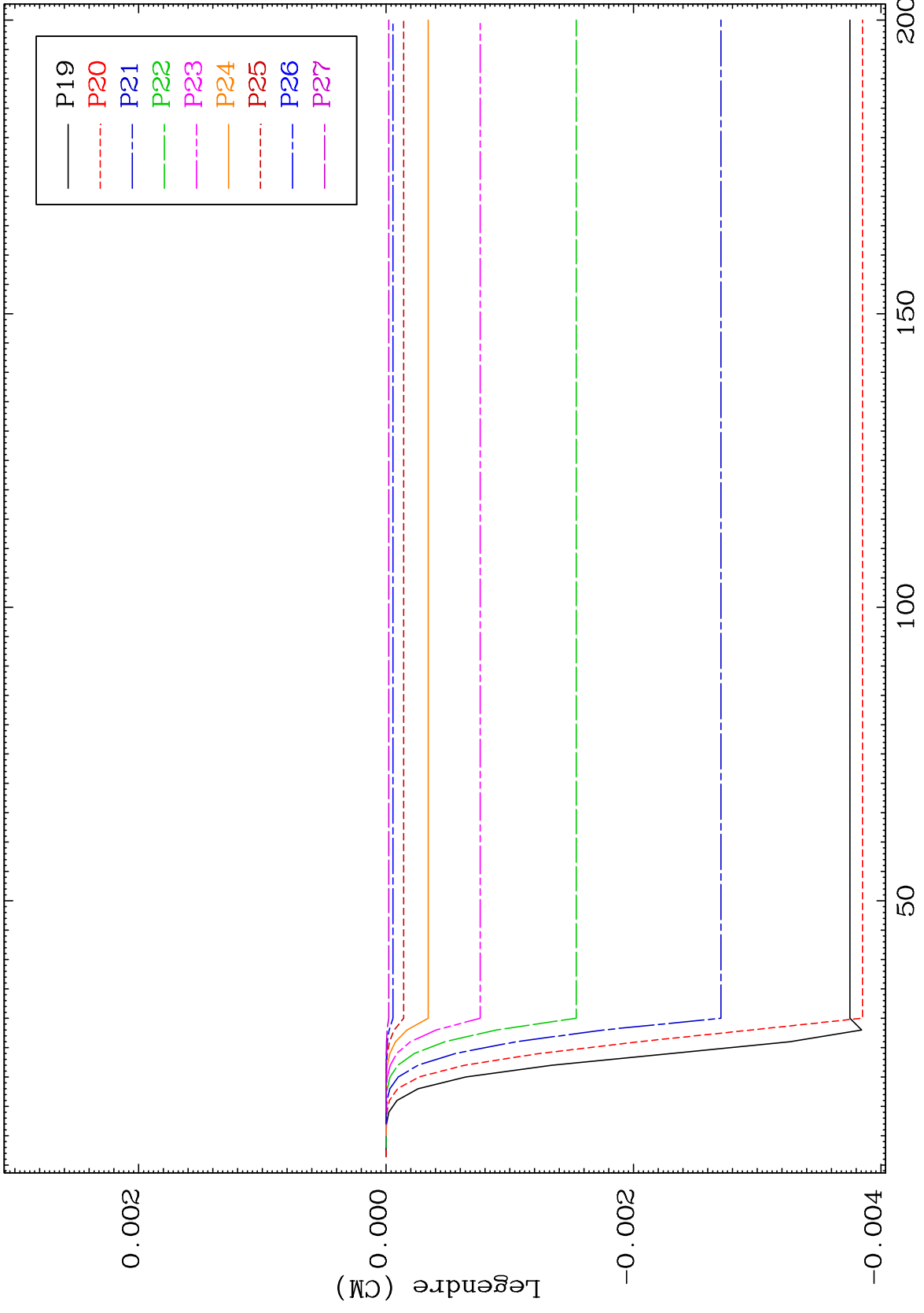
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155

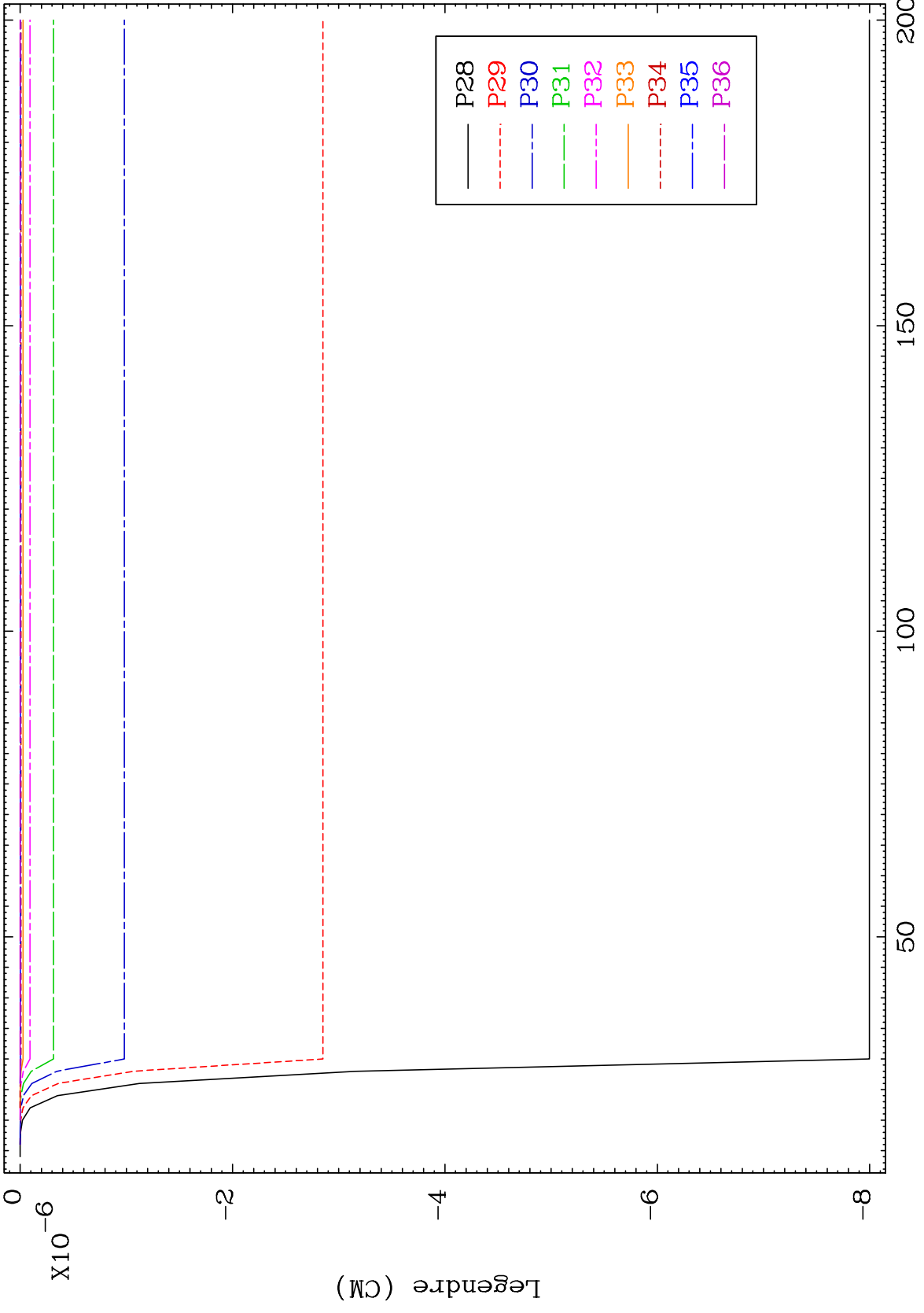


96

Incident Energy (MeV)

61-Pm-155

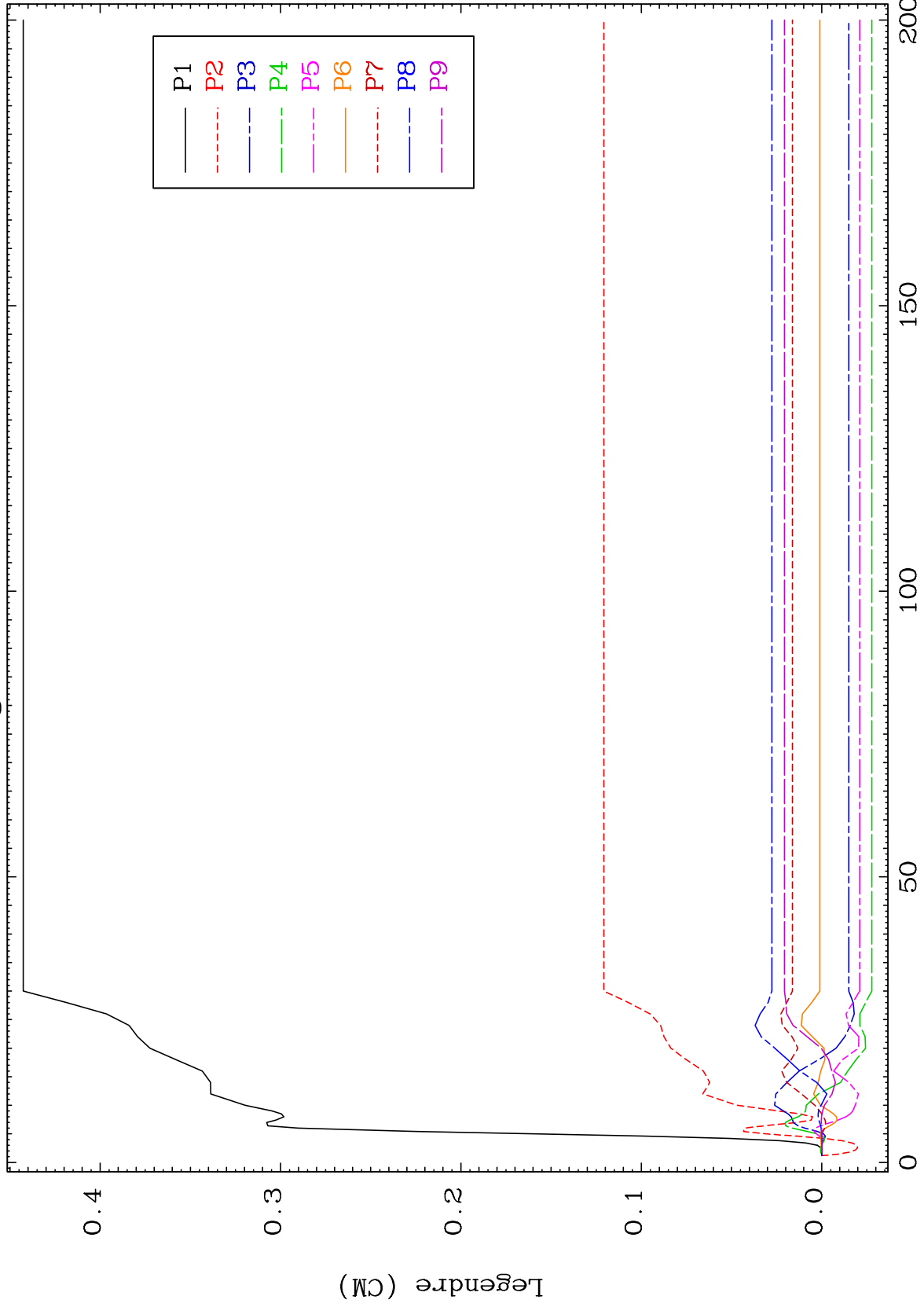
MAT 6173 MT= 70 (n,n') Level Legendre Coefficients 61-Pm-155



MAT 6173

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

61-Pm-155



98

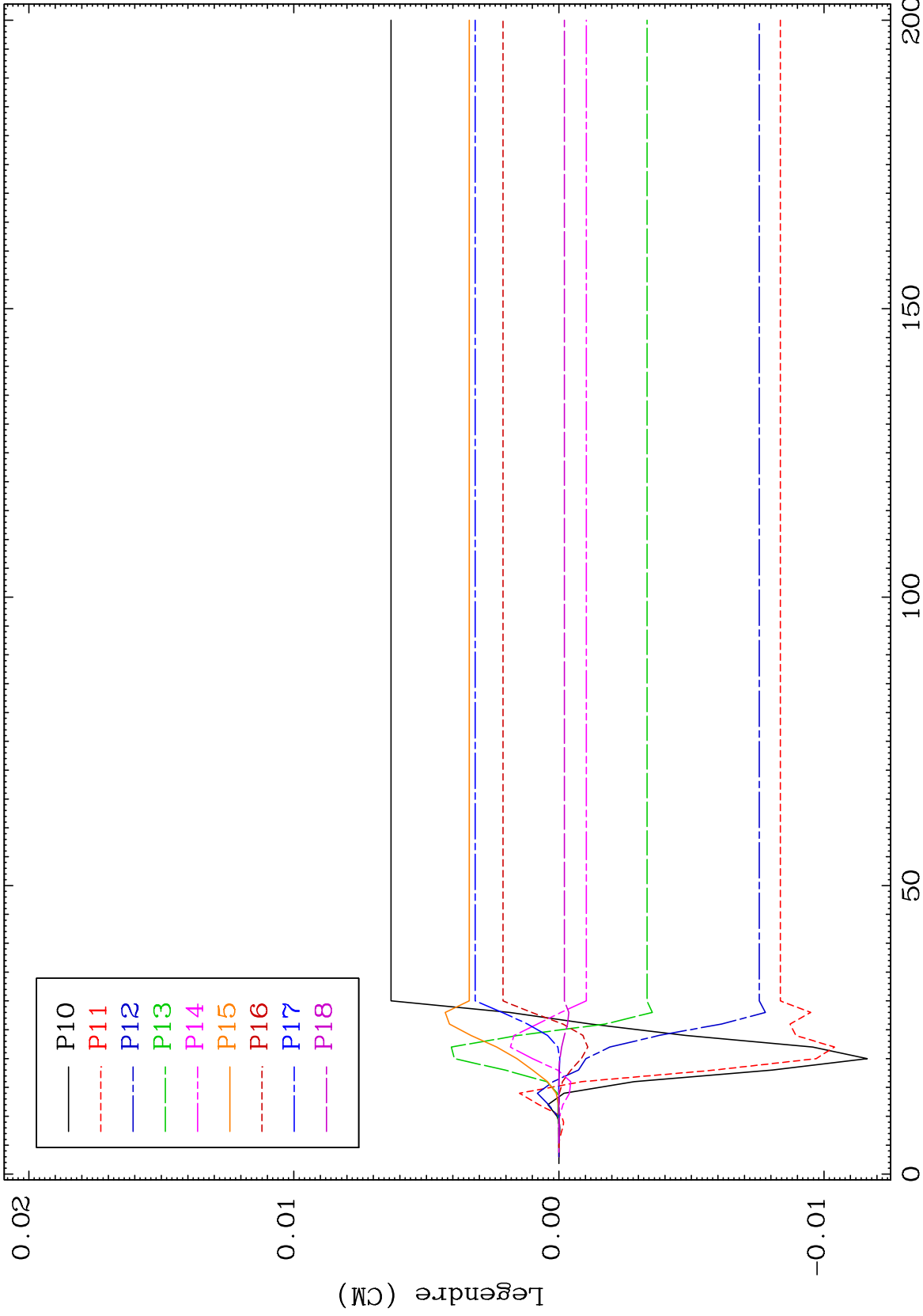
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155

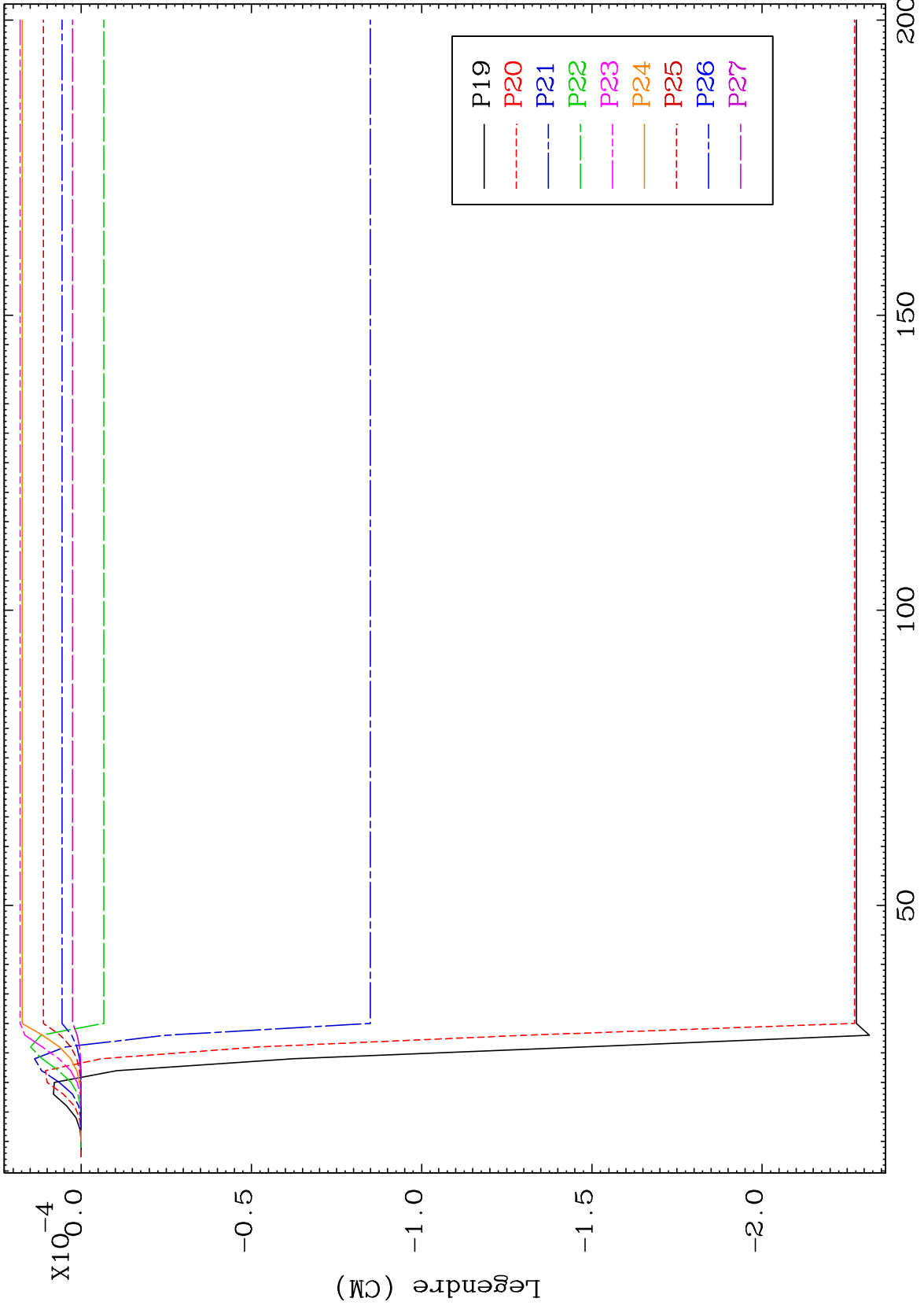


99

Incident Energy (MeV)

61-Pm-155

MAT 6173 MT= 71 (n,n') Level Legendre Coefficients 61-Pm-155

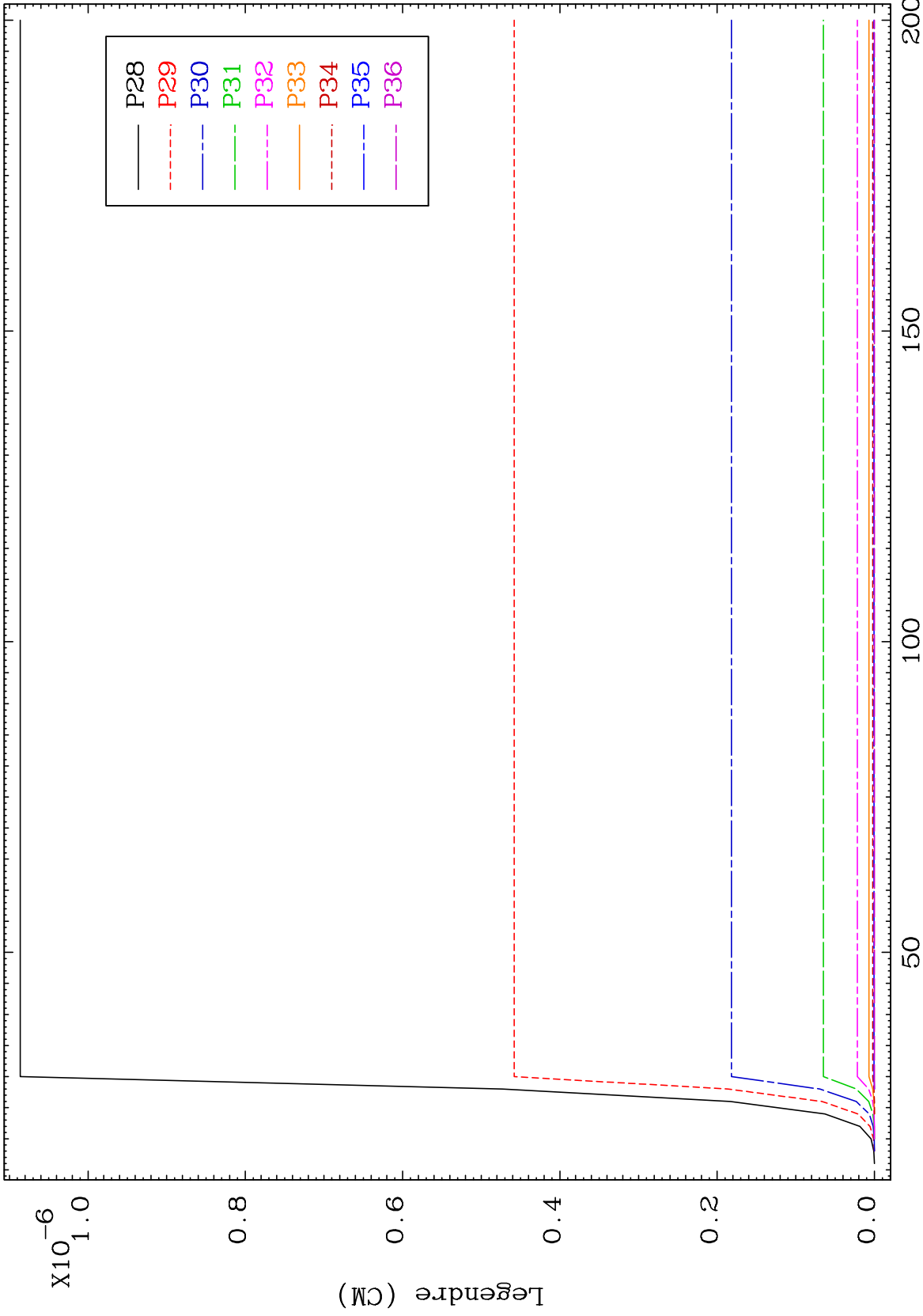


100 50 100 150 200 Incident Energy (MeV) 61-Pm-155

MAT 6173

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

61-Pm-155



101

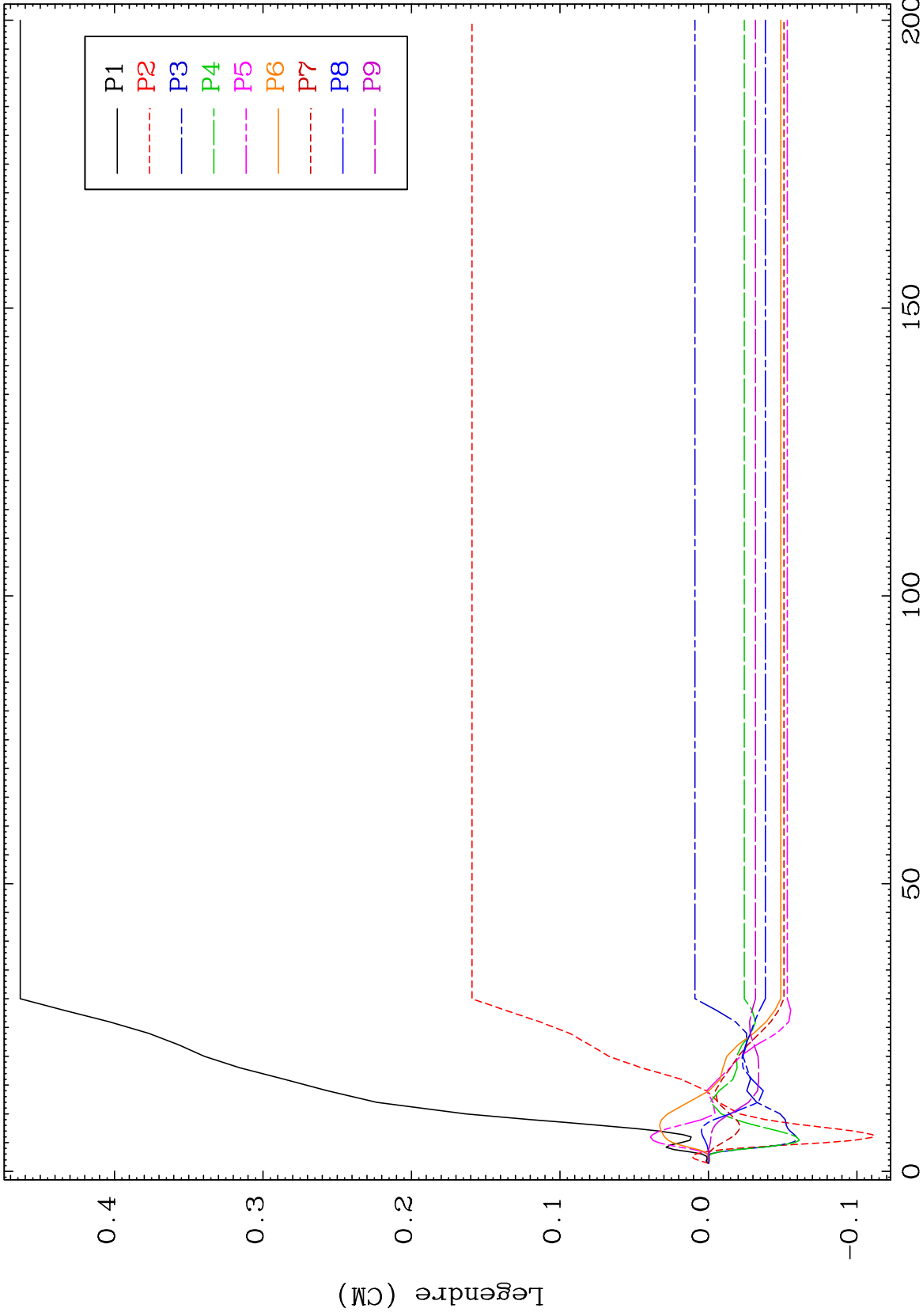
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



102

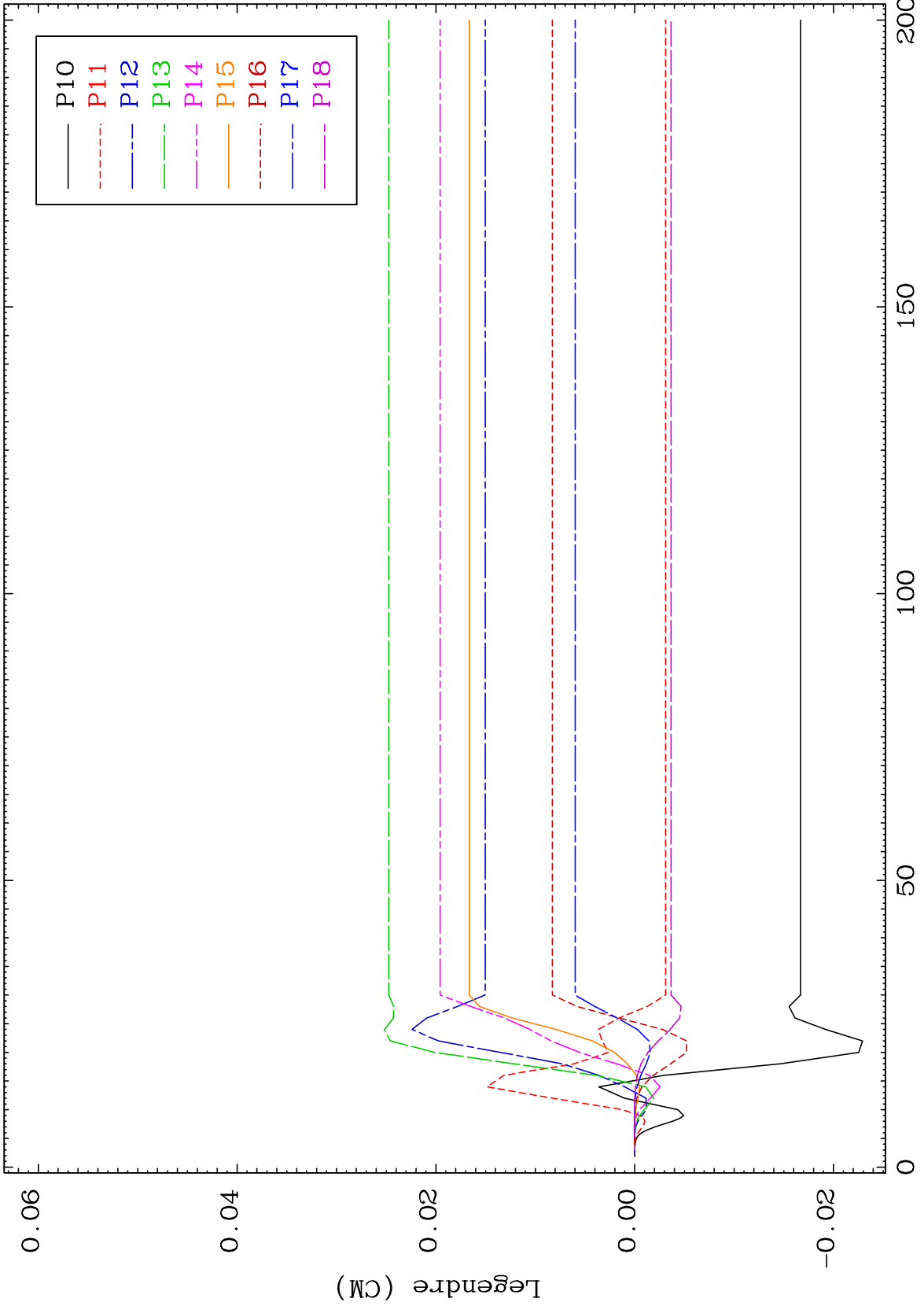
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



103

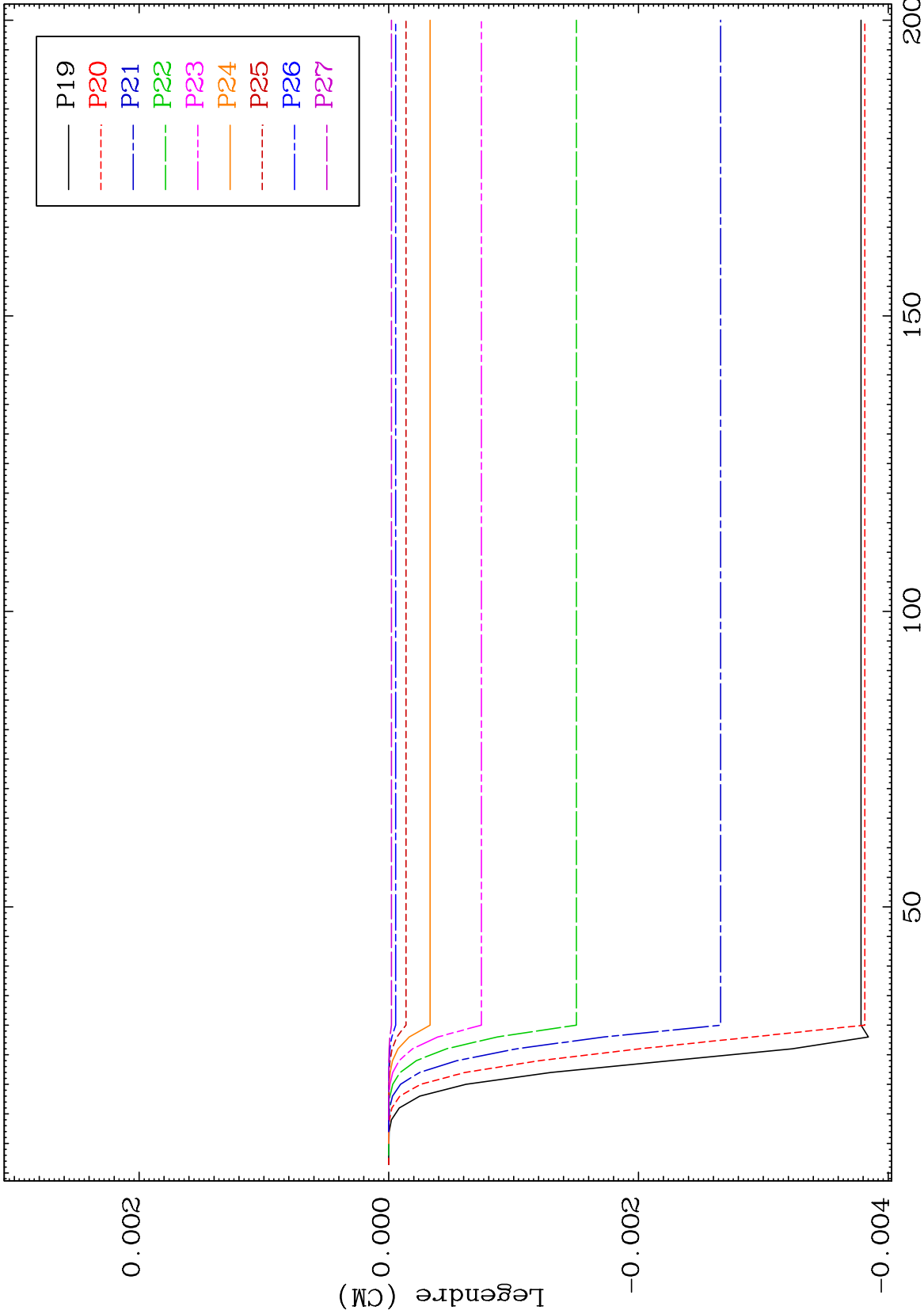
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155

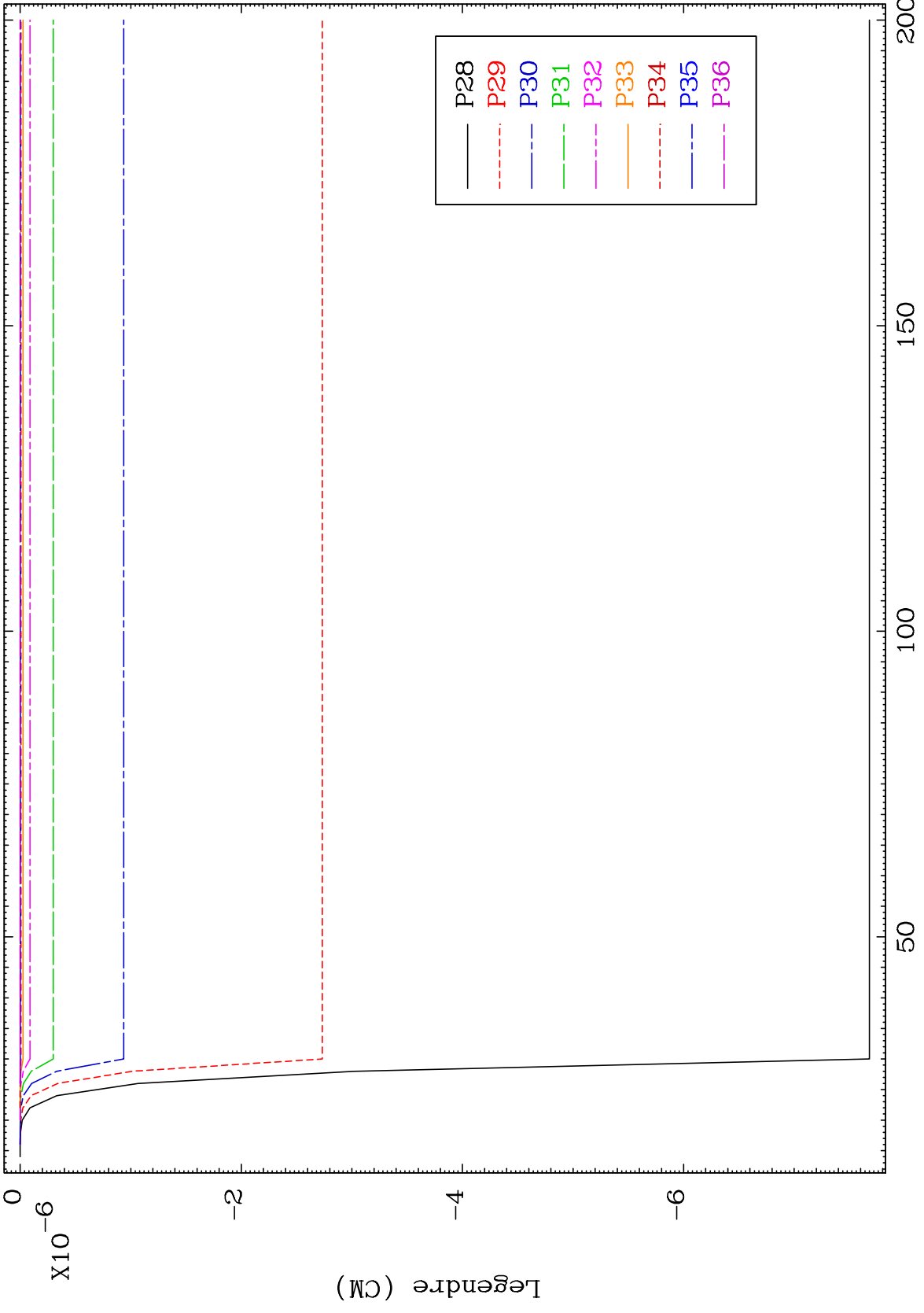


104

Incident Energy (MeV)

61-Pm-155

MAT 6173 MT= 72 (n,n') Level Legendre Coefficients 61-Pm-155

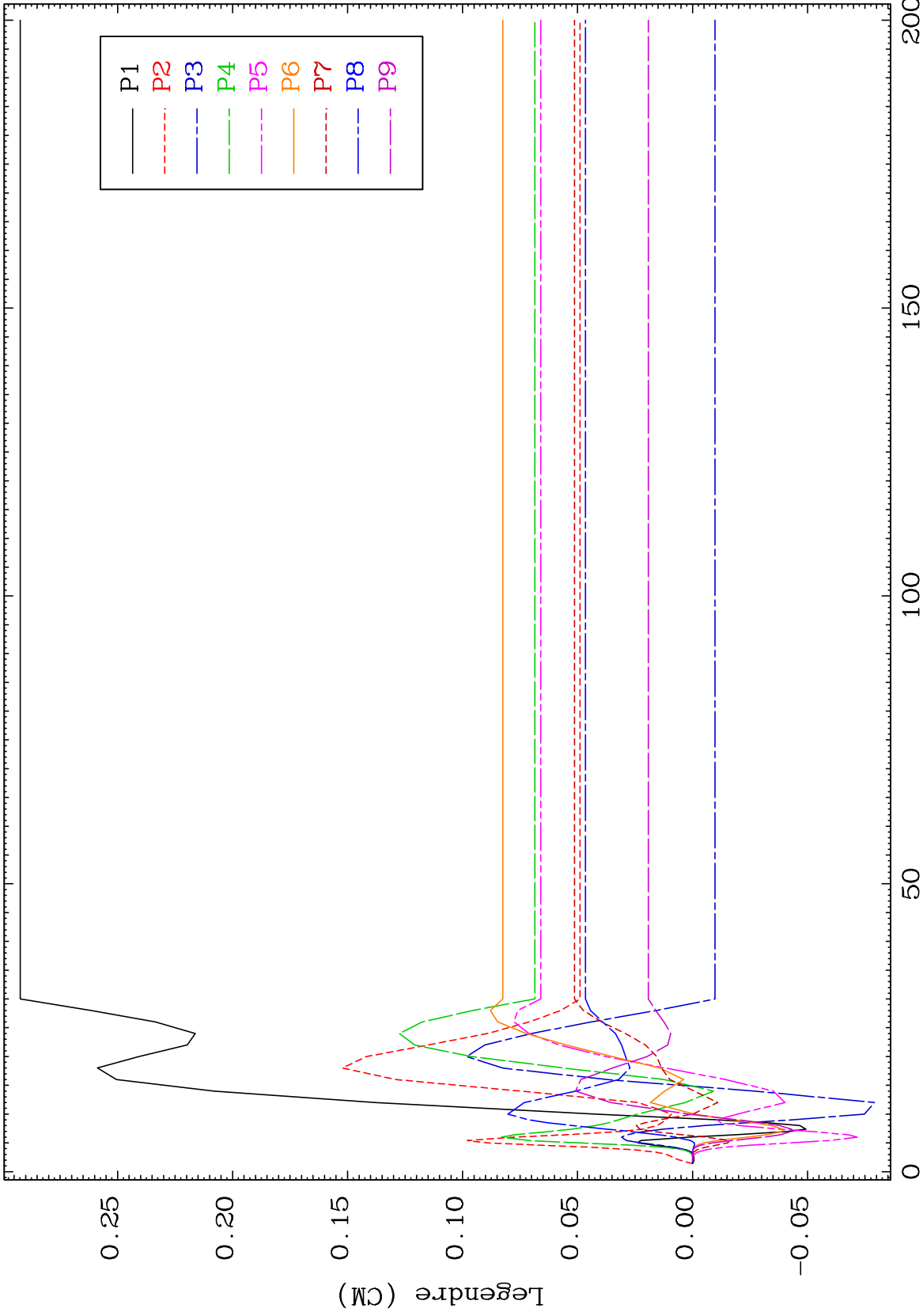


105 Incident Energy (MeV) 61-Pm-155

MAT 6173

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

61-Pm-155



61-Pm-155

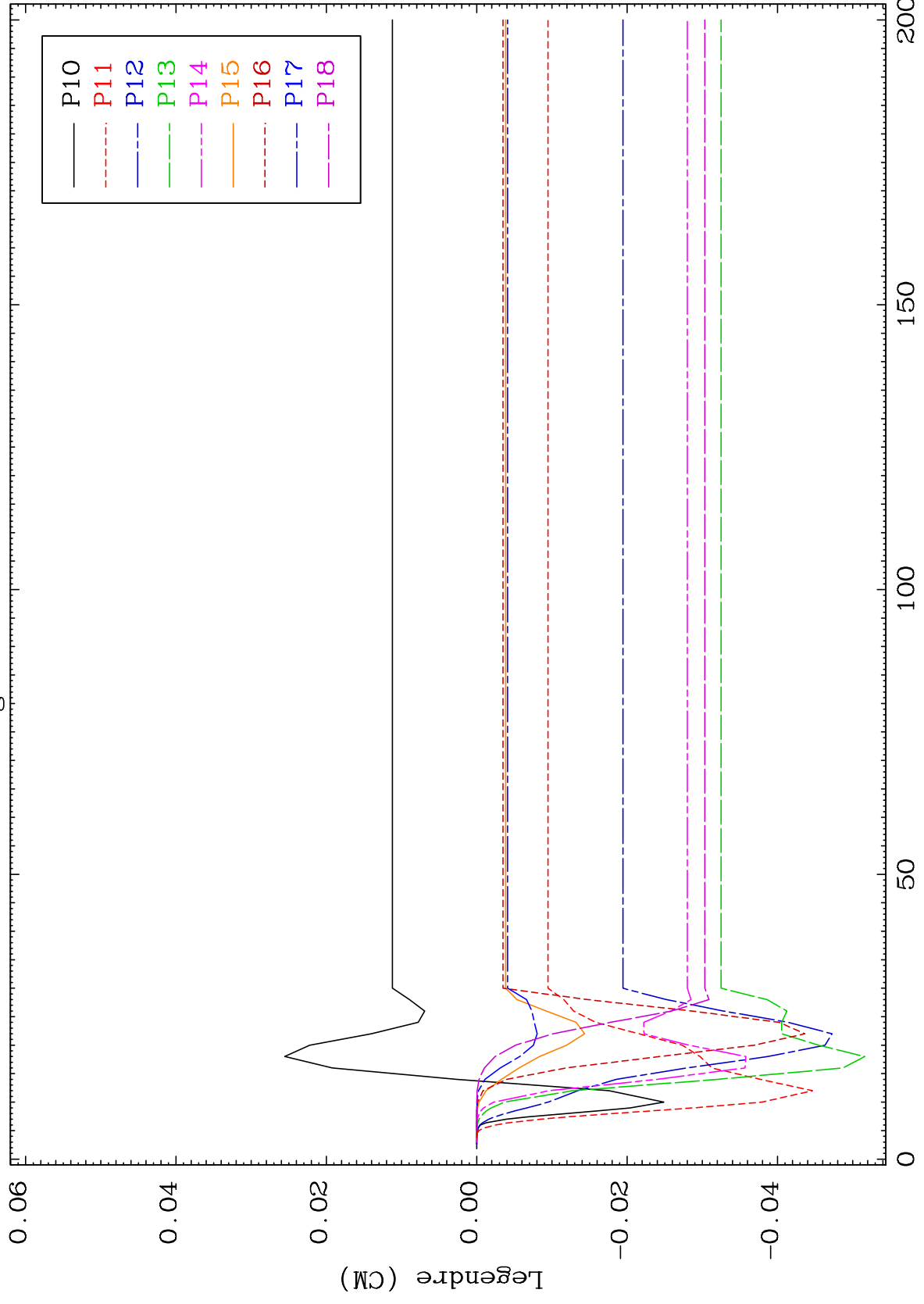
Incident Energy (MeV)

106

MAT 6173

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

61-Pm-155



107

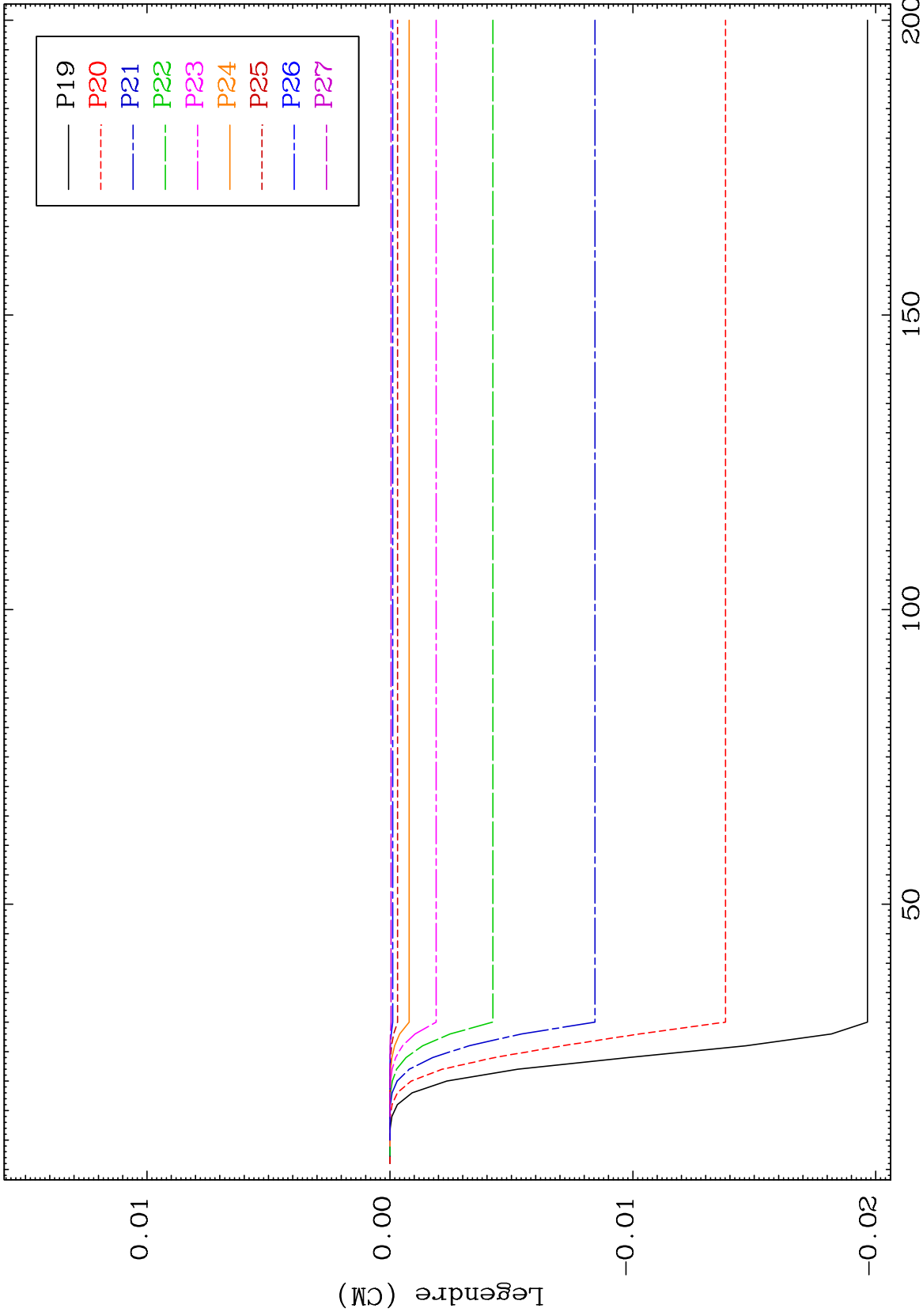
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



108

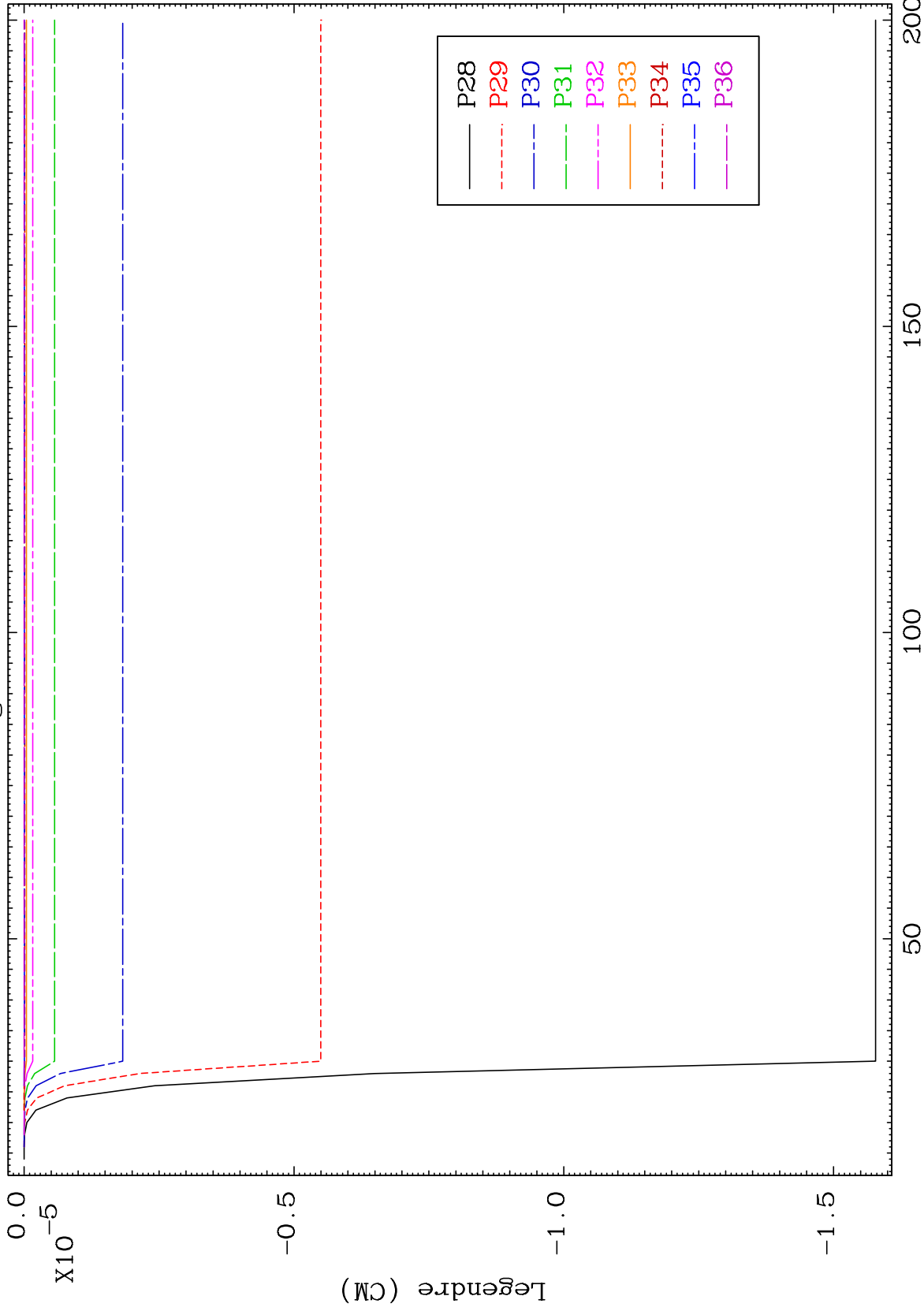
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



109

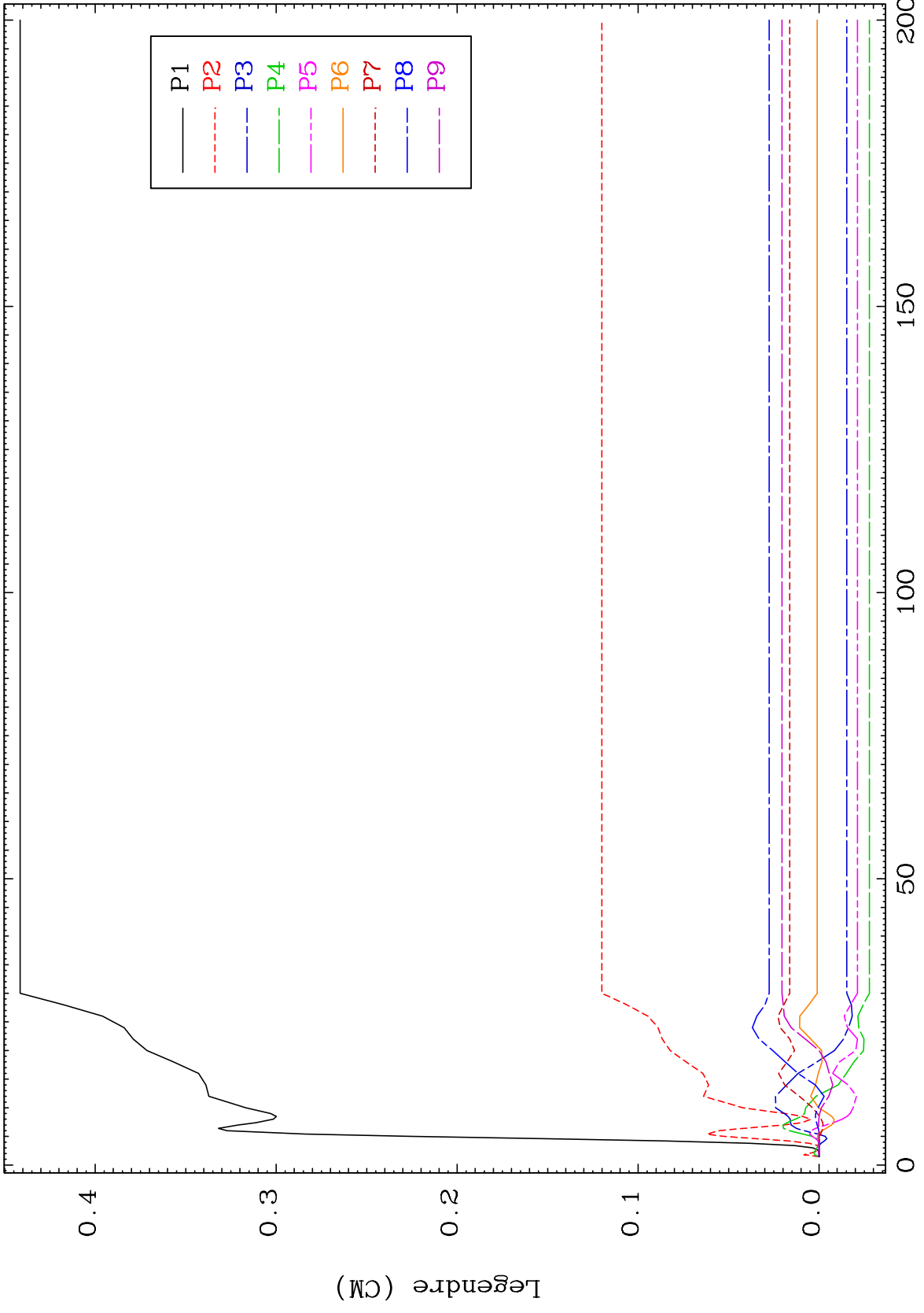
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



61-Pm-155

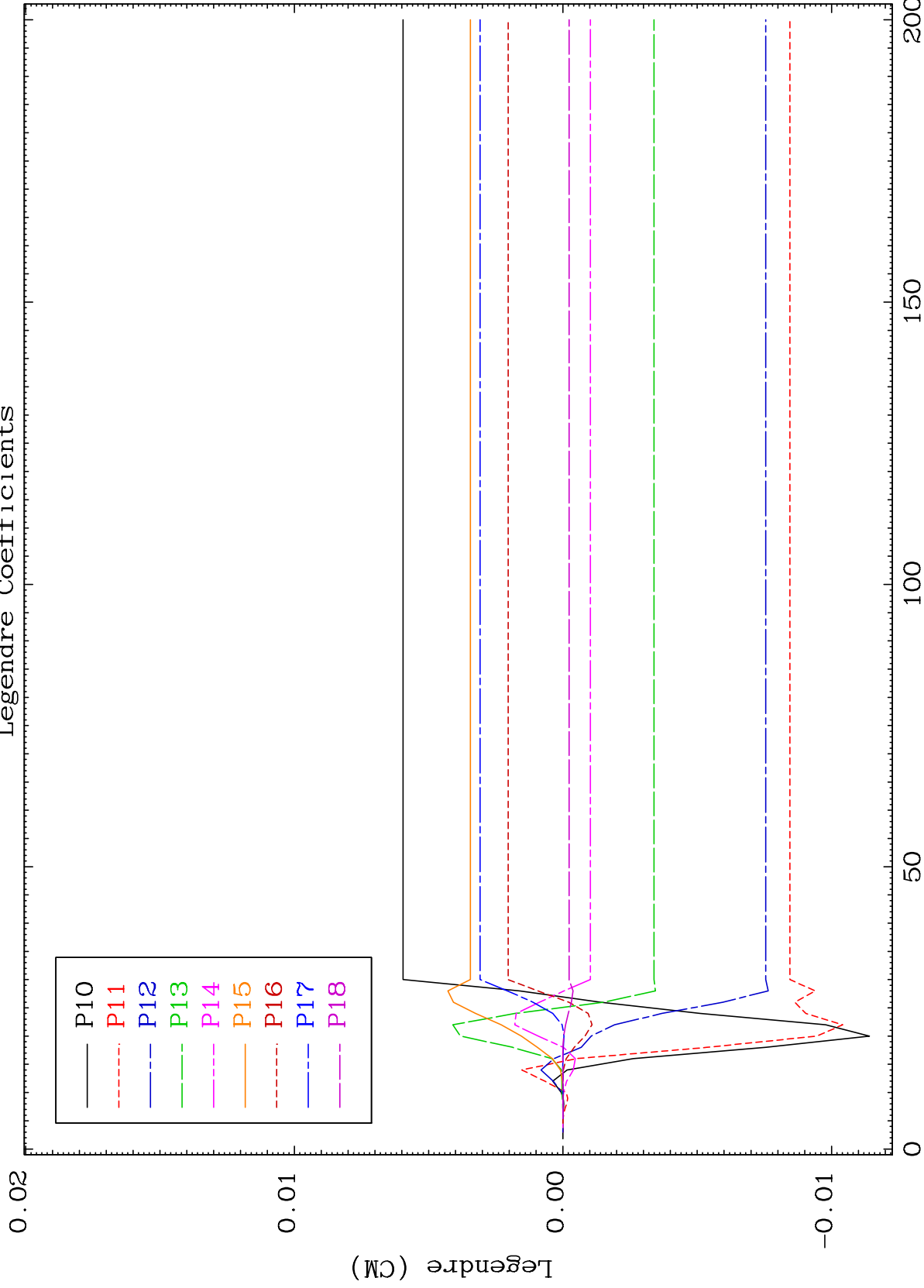
Incident Energy (MeV)

110

MAT 6173

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

61-Pm-155



111

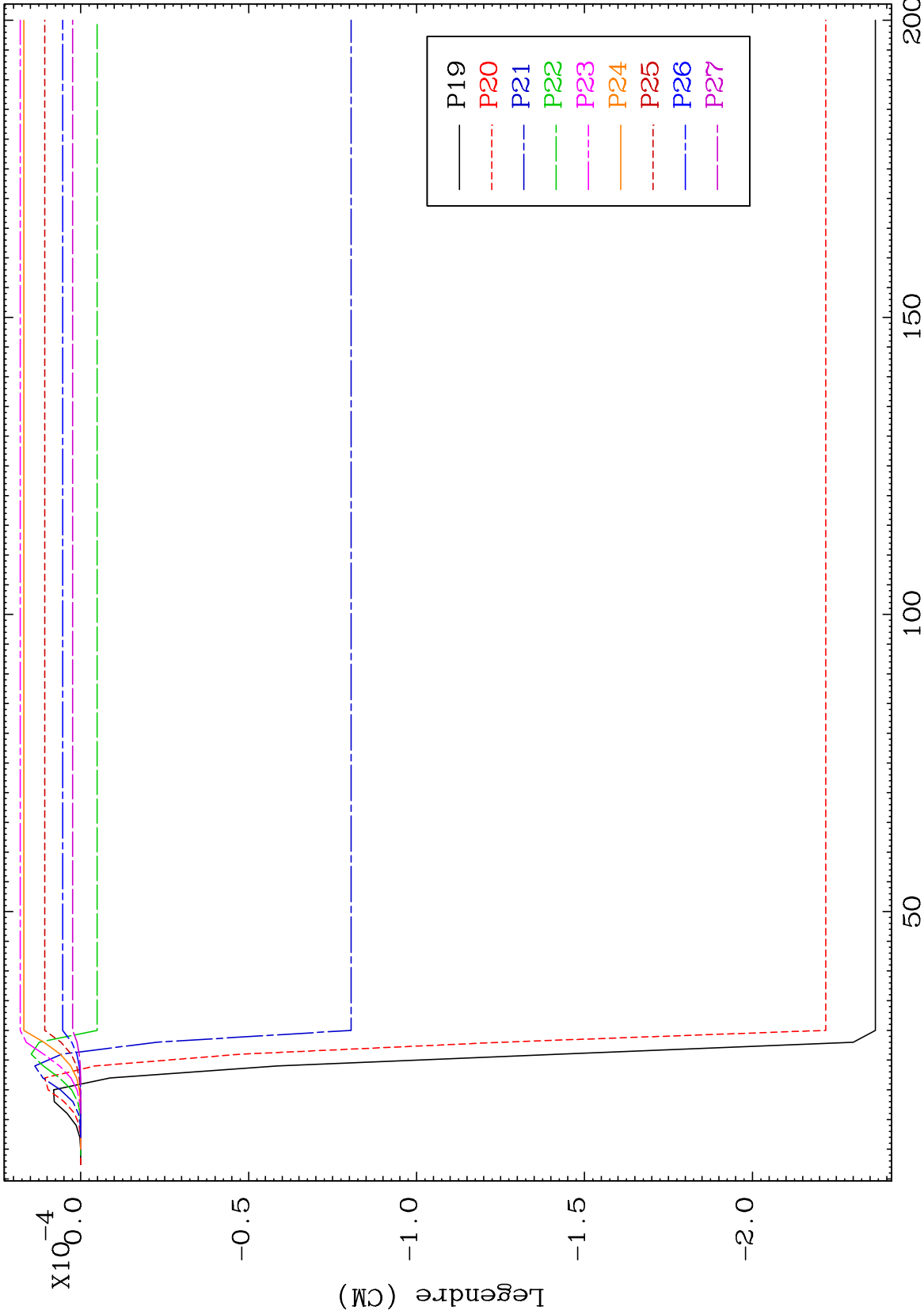
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



112

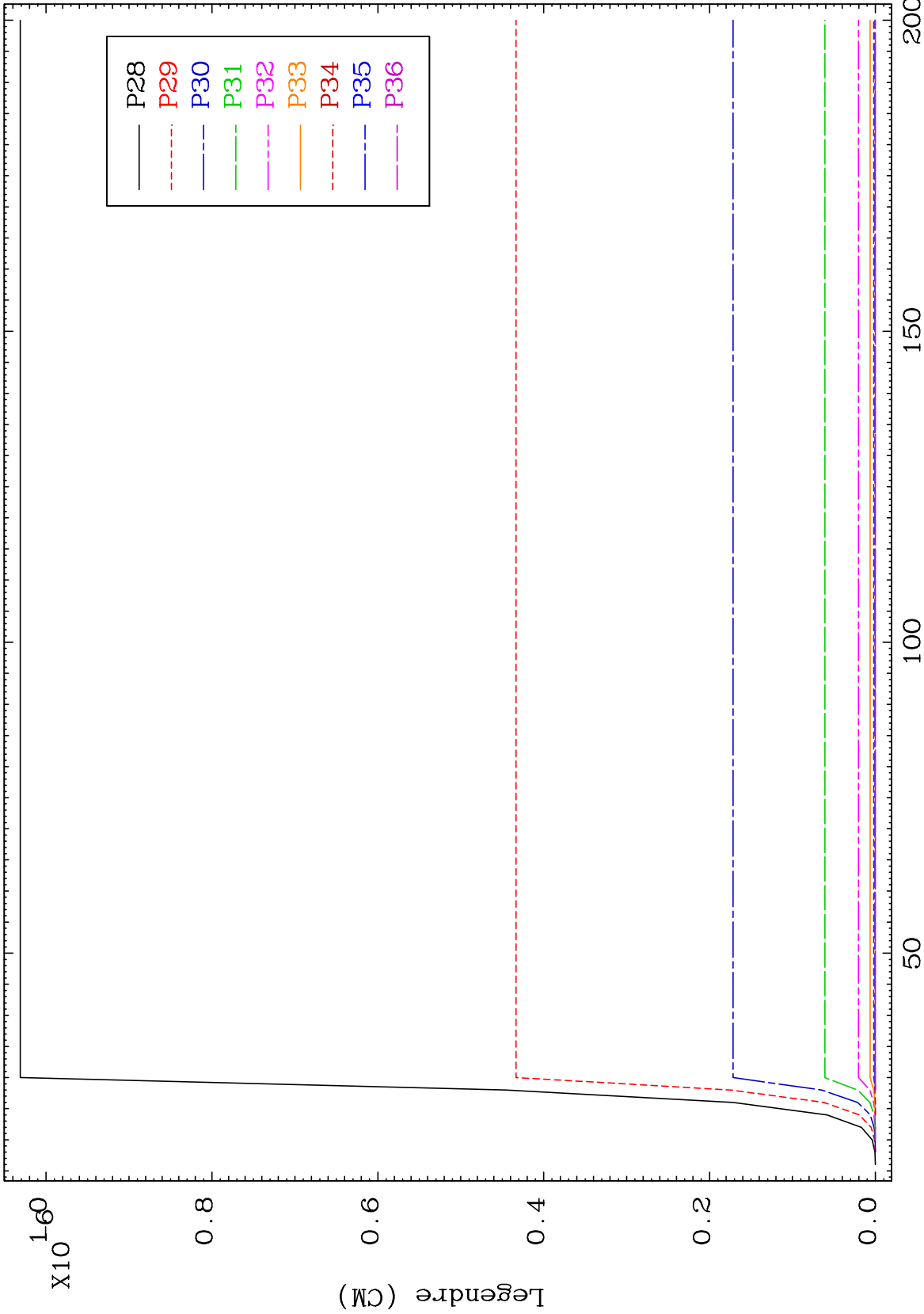
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



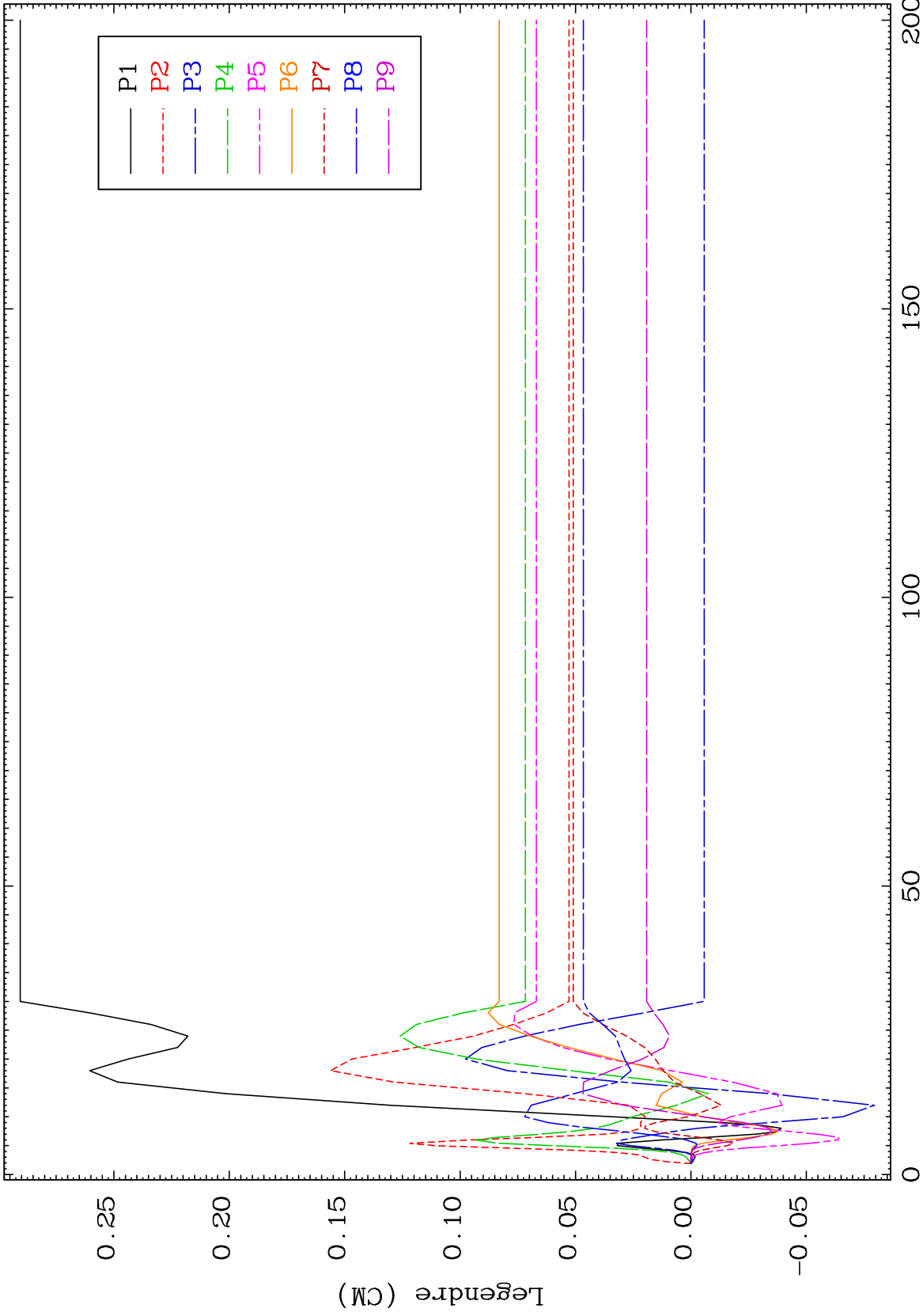
113

61-Pm-155

MAT 6173

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

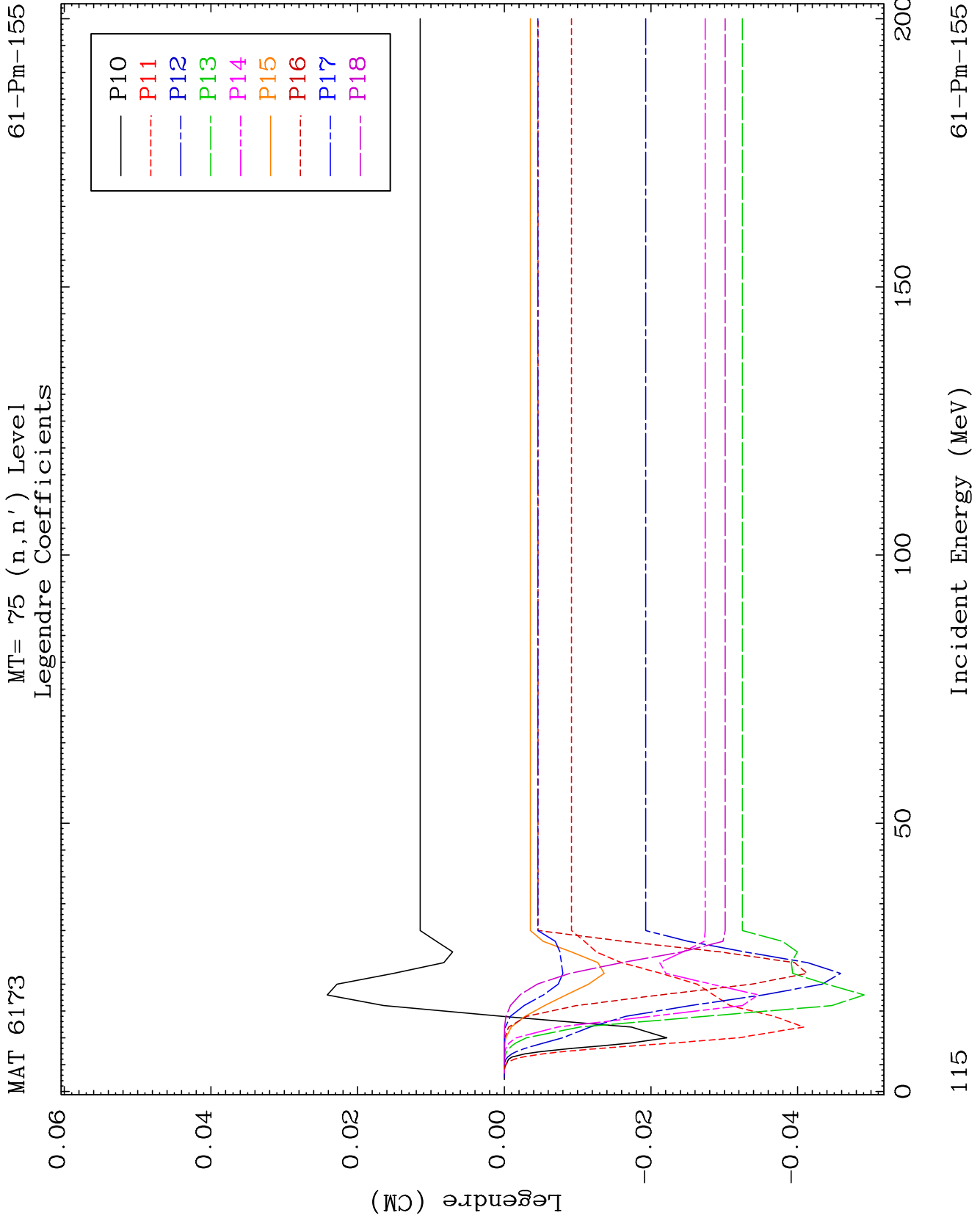
61-Pm-155



114

Incident Energy (MeV)

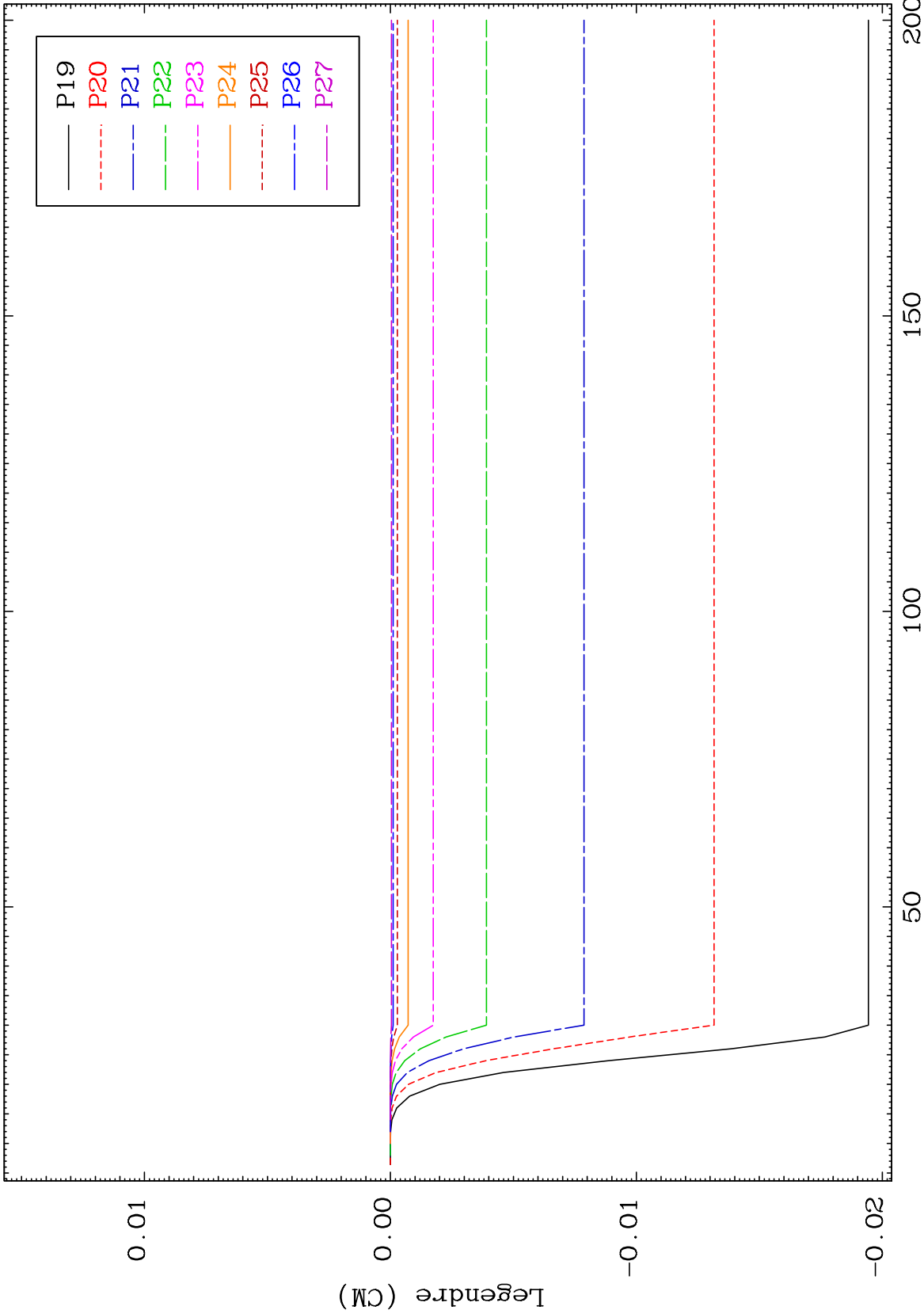
61-Pm-155



MAT 6173

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

61-Pm-155



116

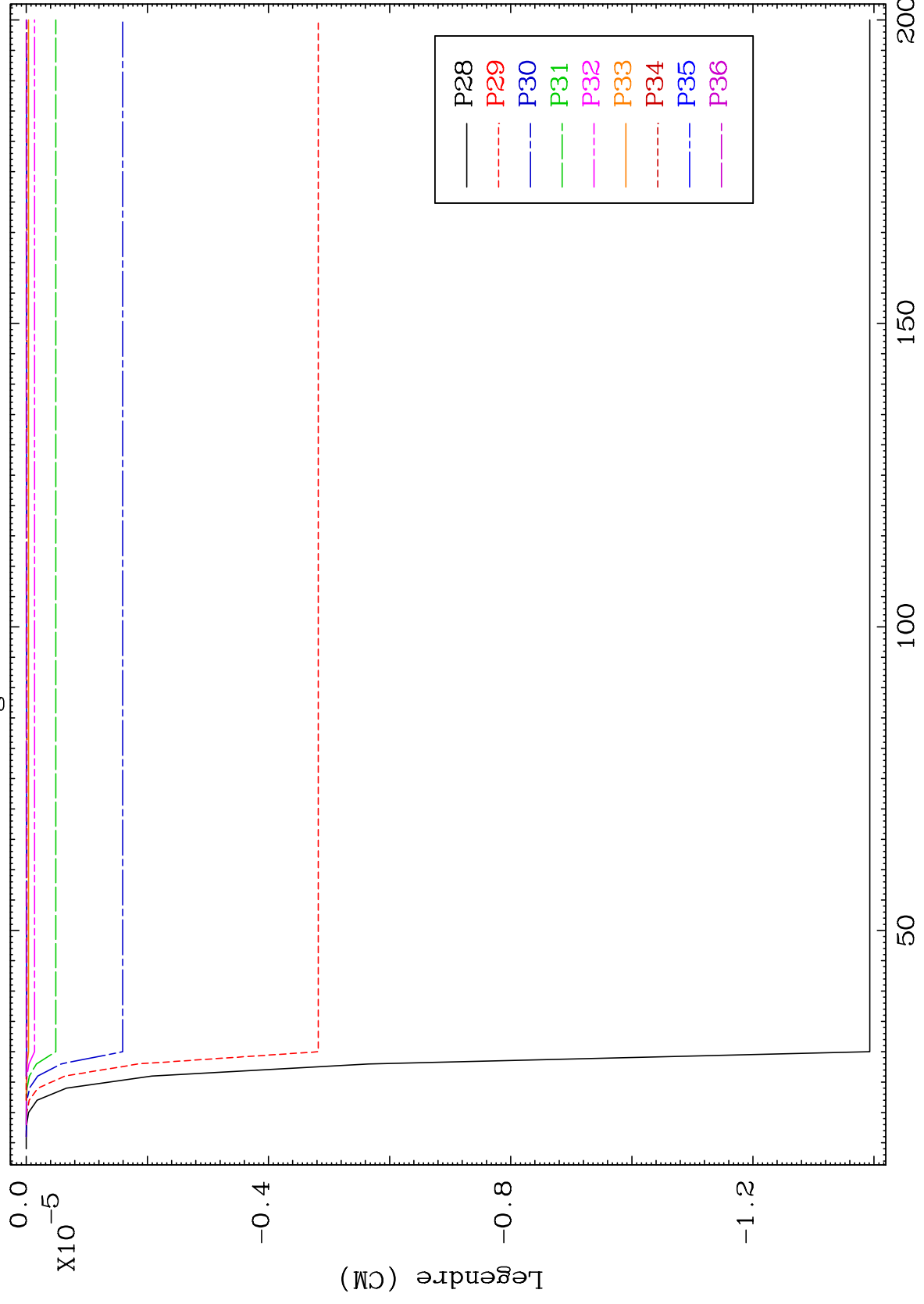
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



61-Pm-155

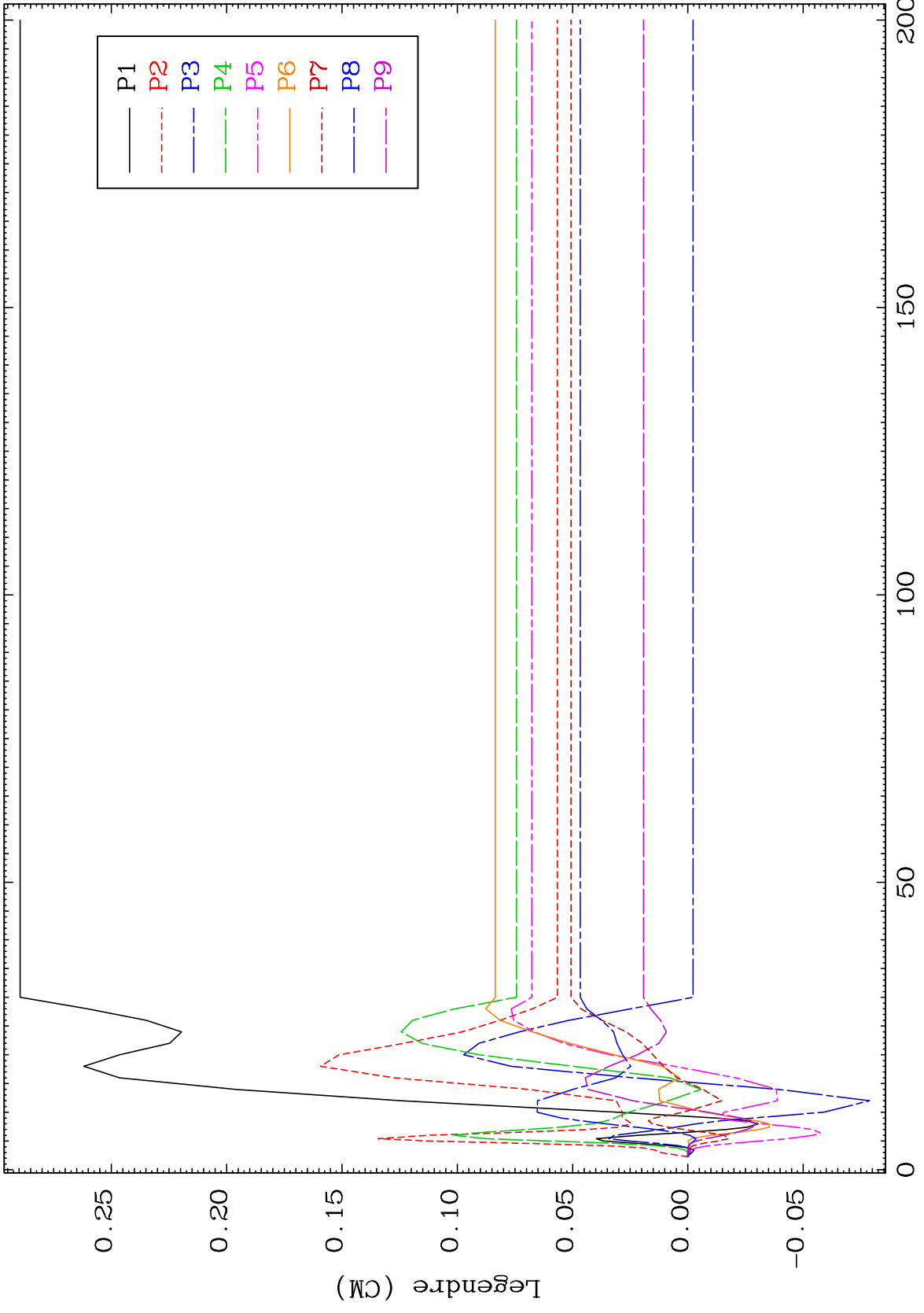
Incident Energy (MeV)

117

MAT 6173

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

61-Pm-155



118

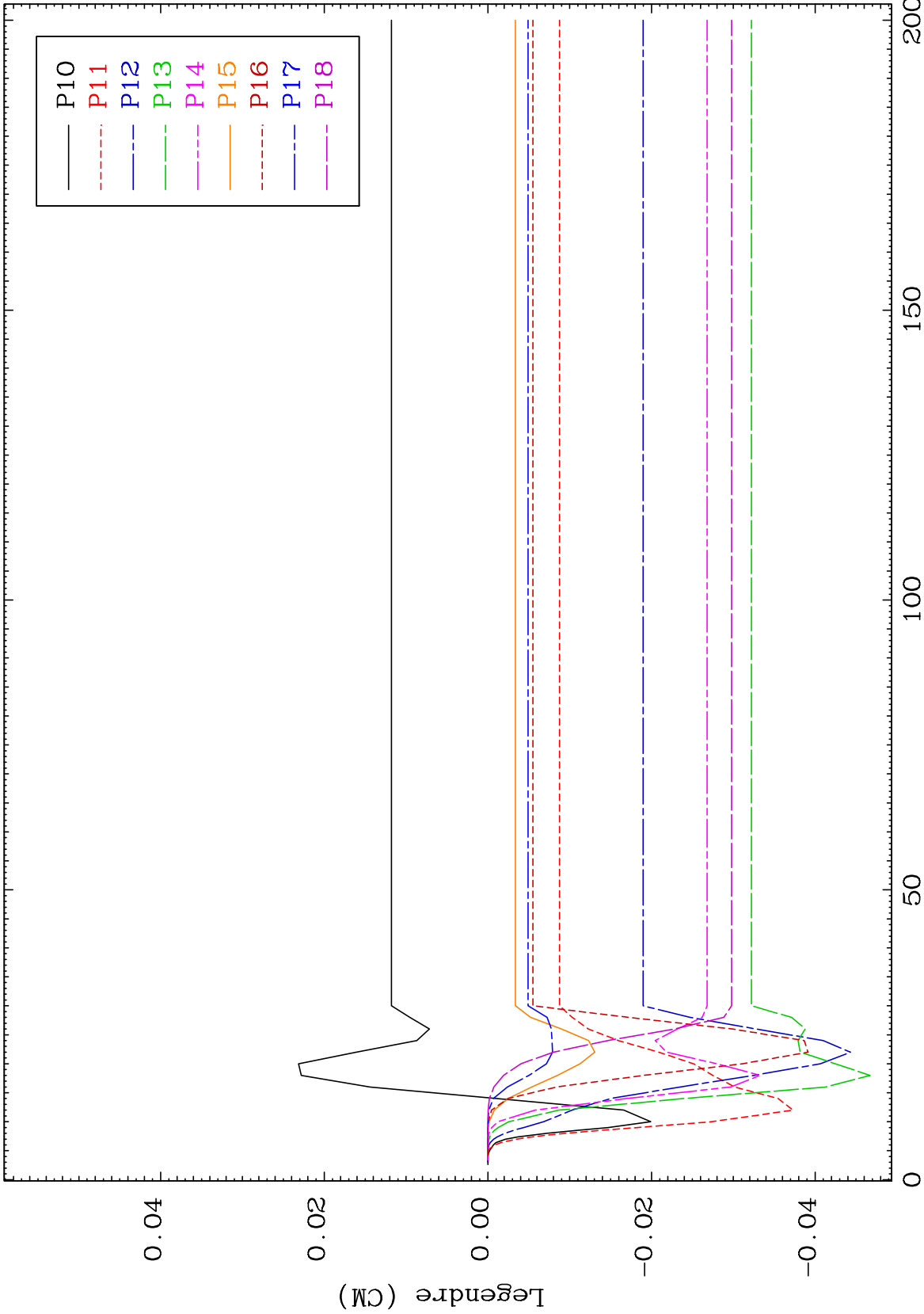
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



119

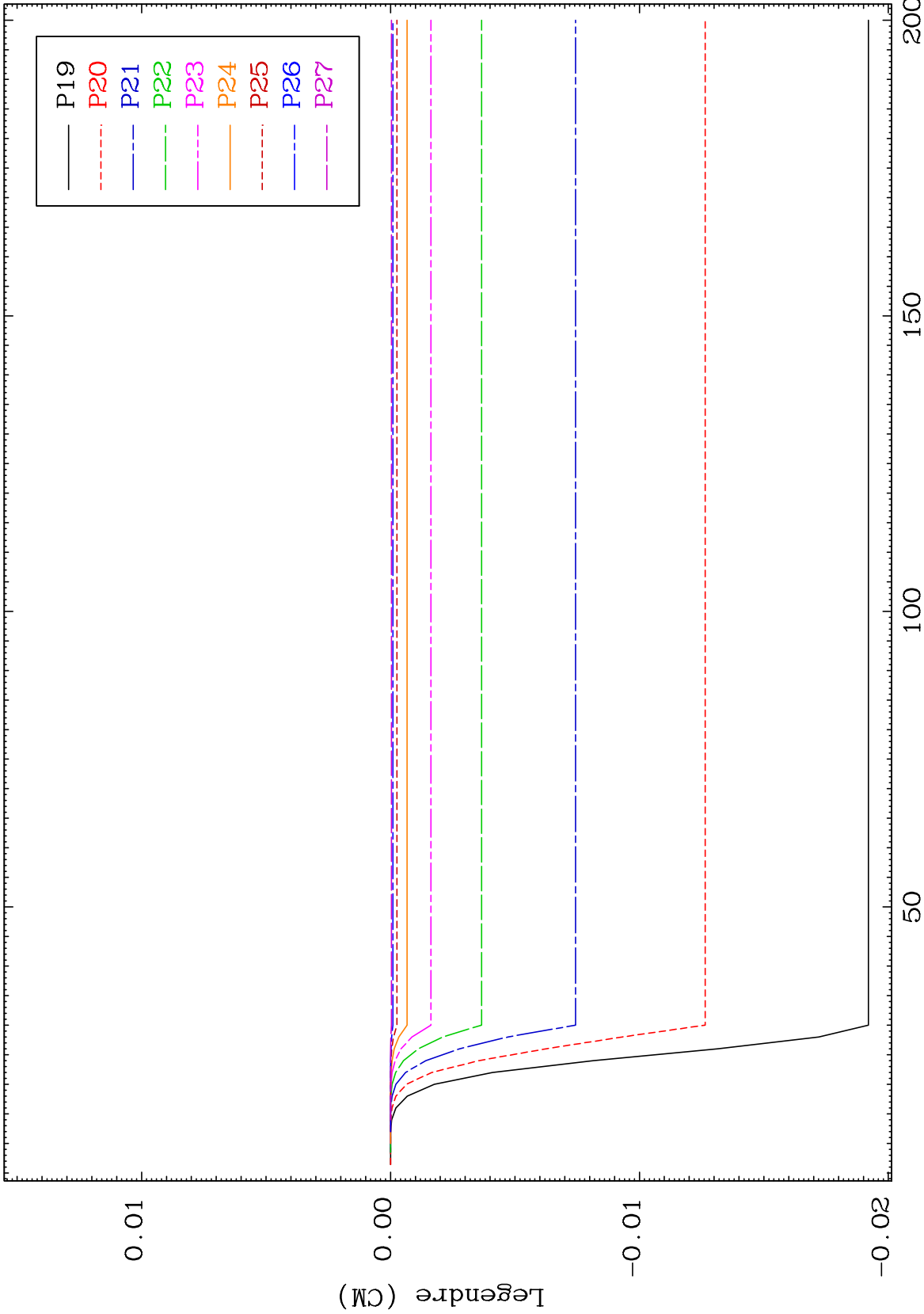
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



120

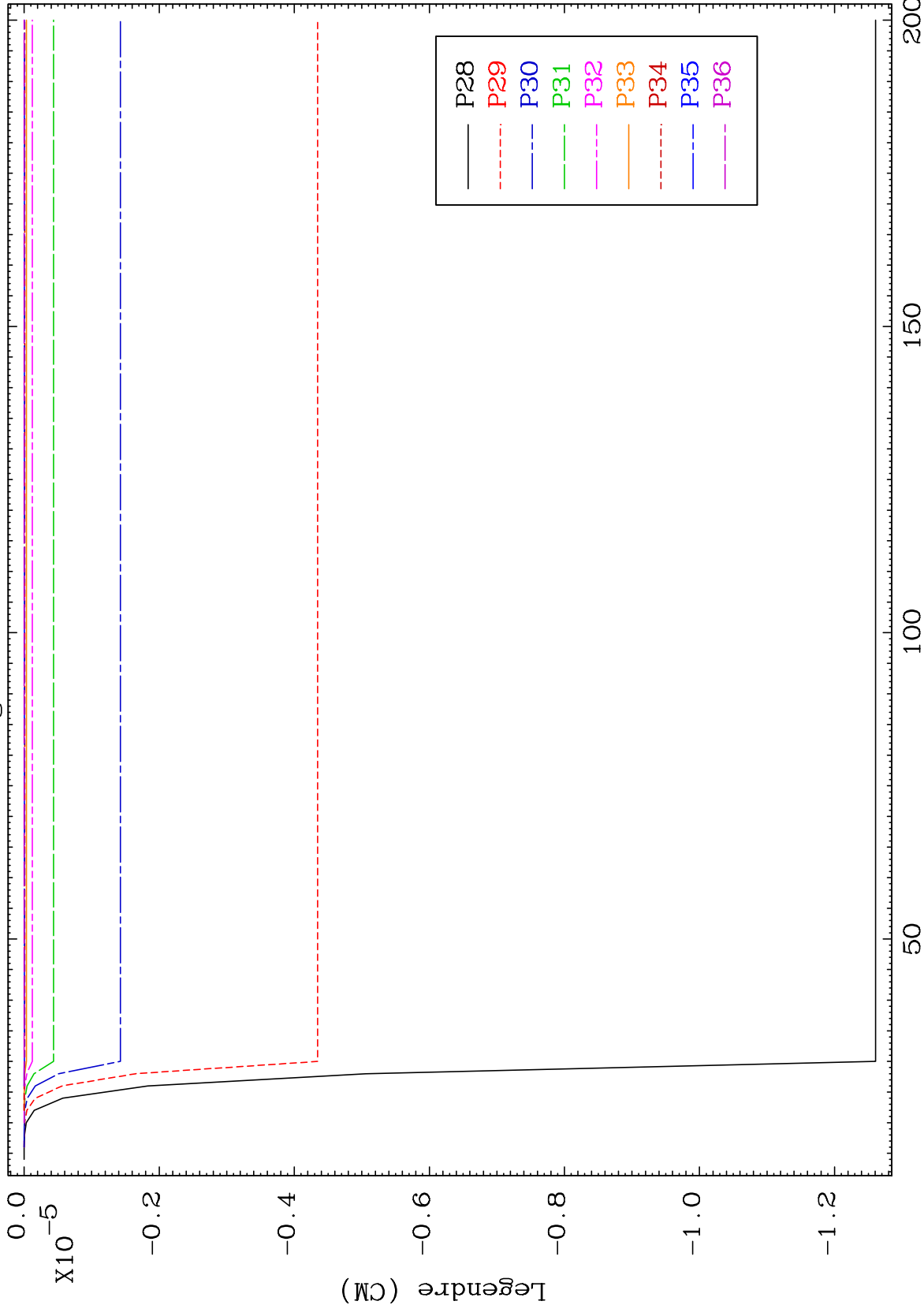
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155

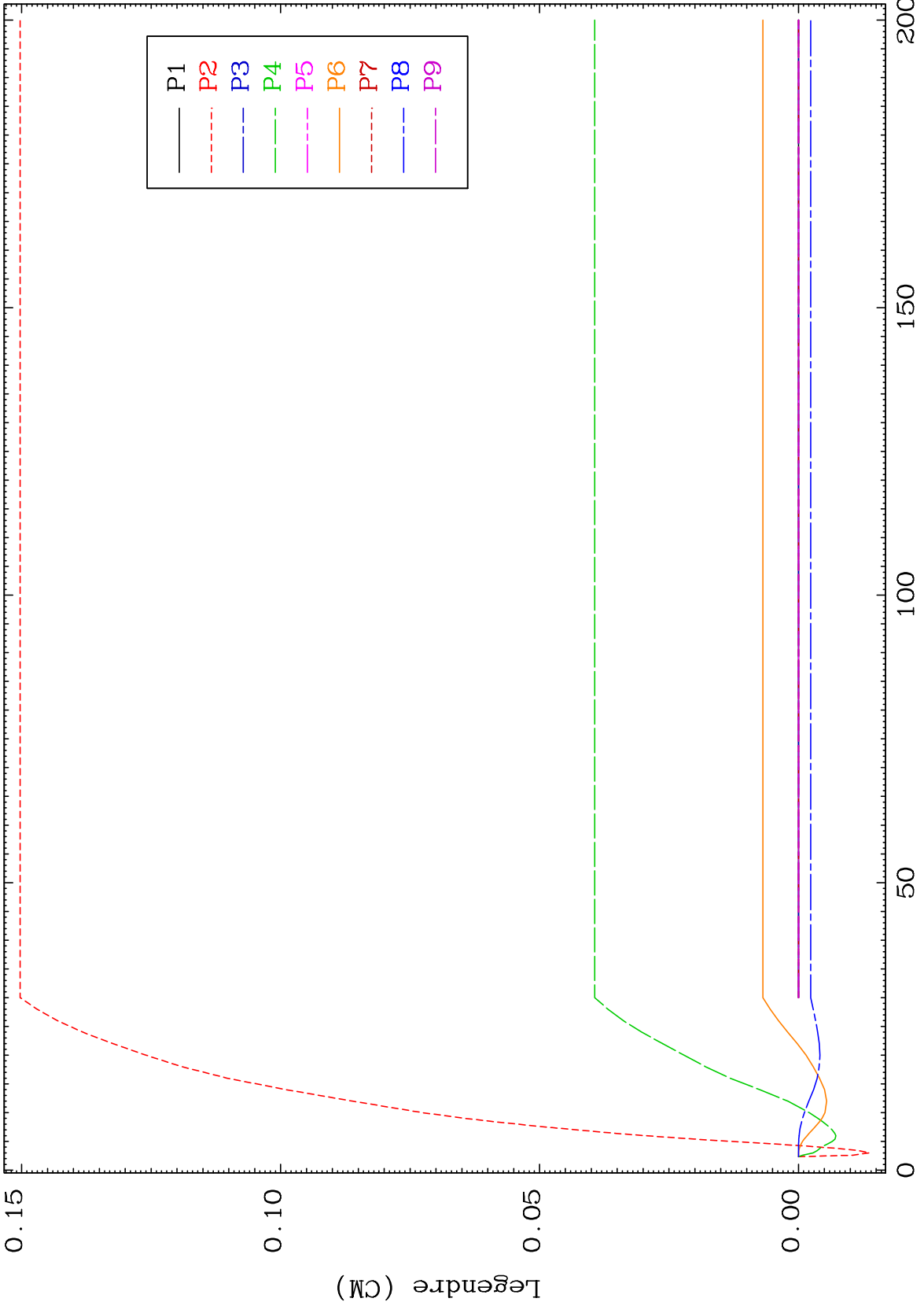


61-Pm-155

Incident Energy (MeV)

121

MAT 6173 MT= 77 (n,n') Level Legendre Coefficients 61-Pm-155

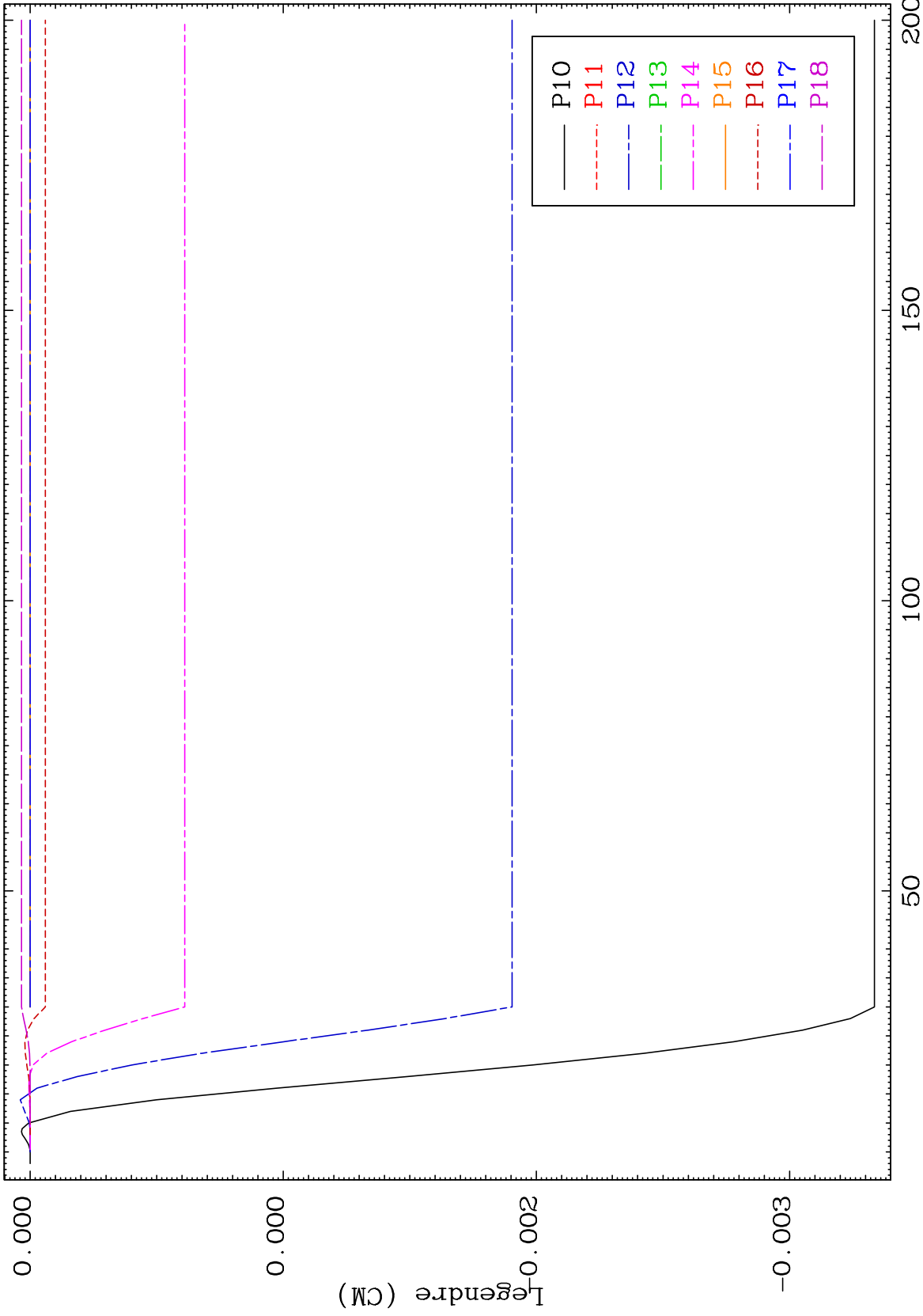


122 Incident Energy (MeV) 61-Pm-155

MAT 6173

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

61-Pm-155



123

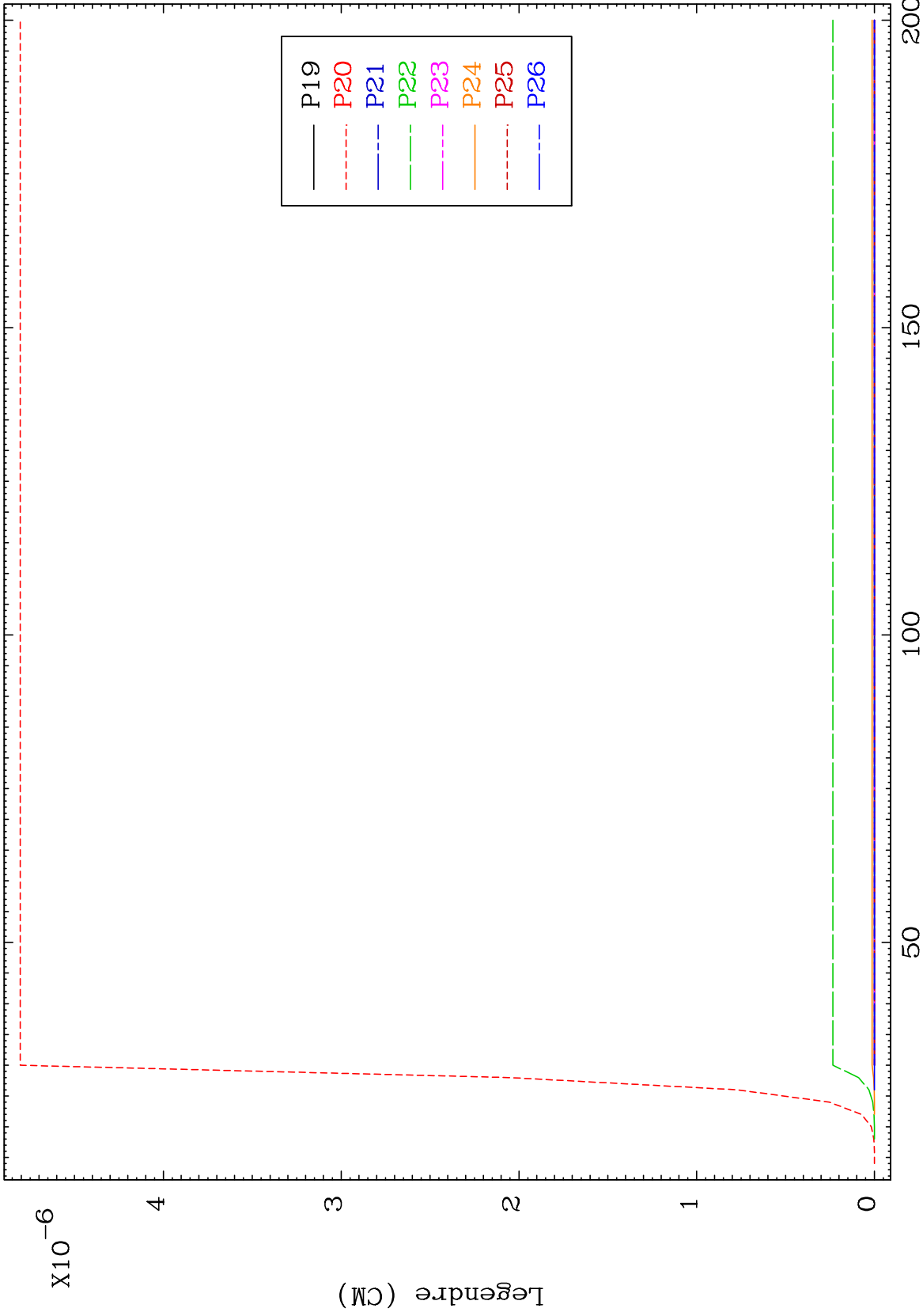
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



124

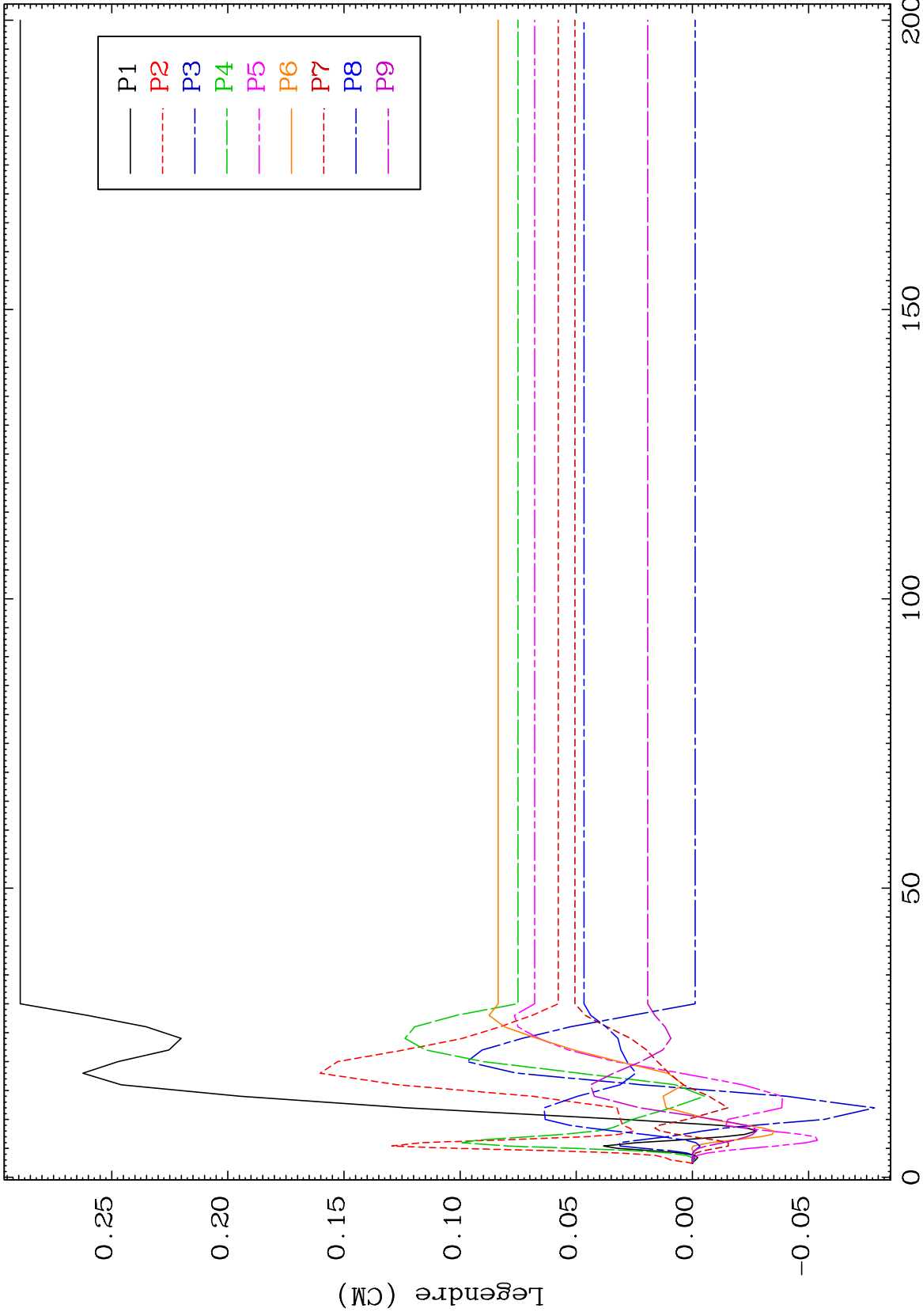
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



61-Pm-155

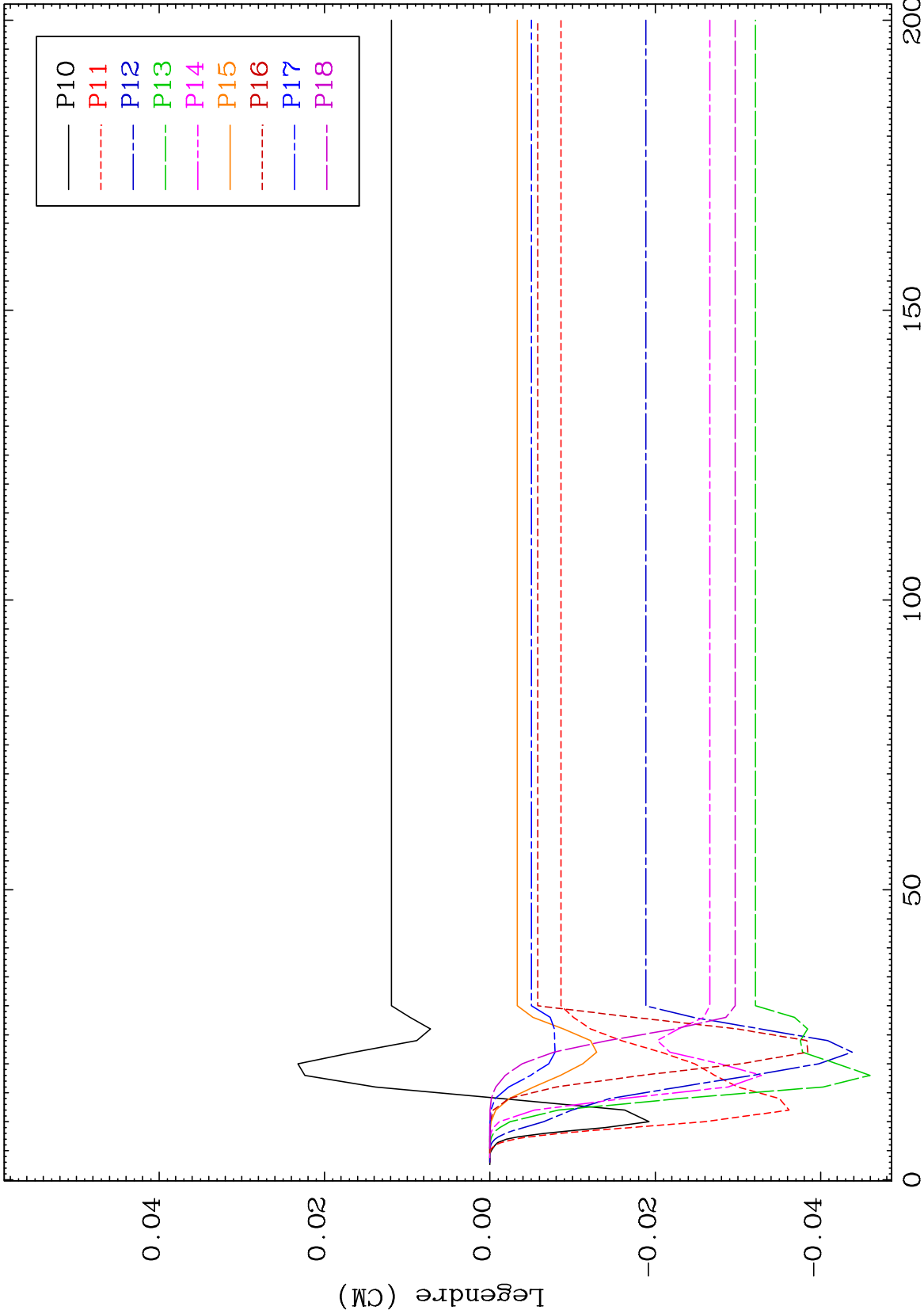
Incident Energy (MeV)

Legendre (CM)

MAT 6173

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

61-Pm-155



126

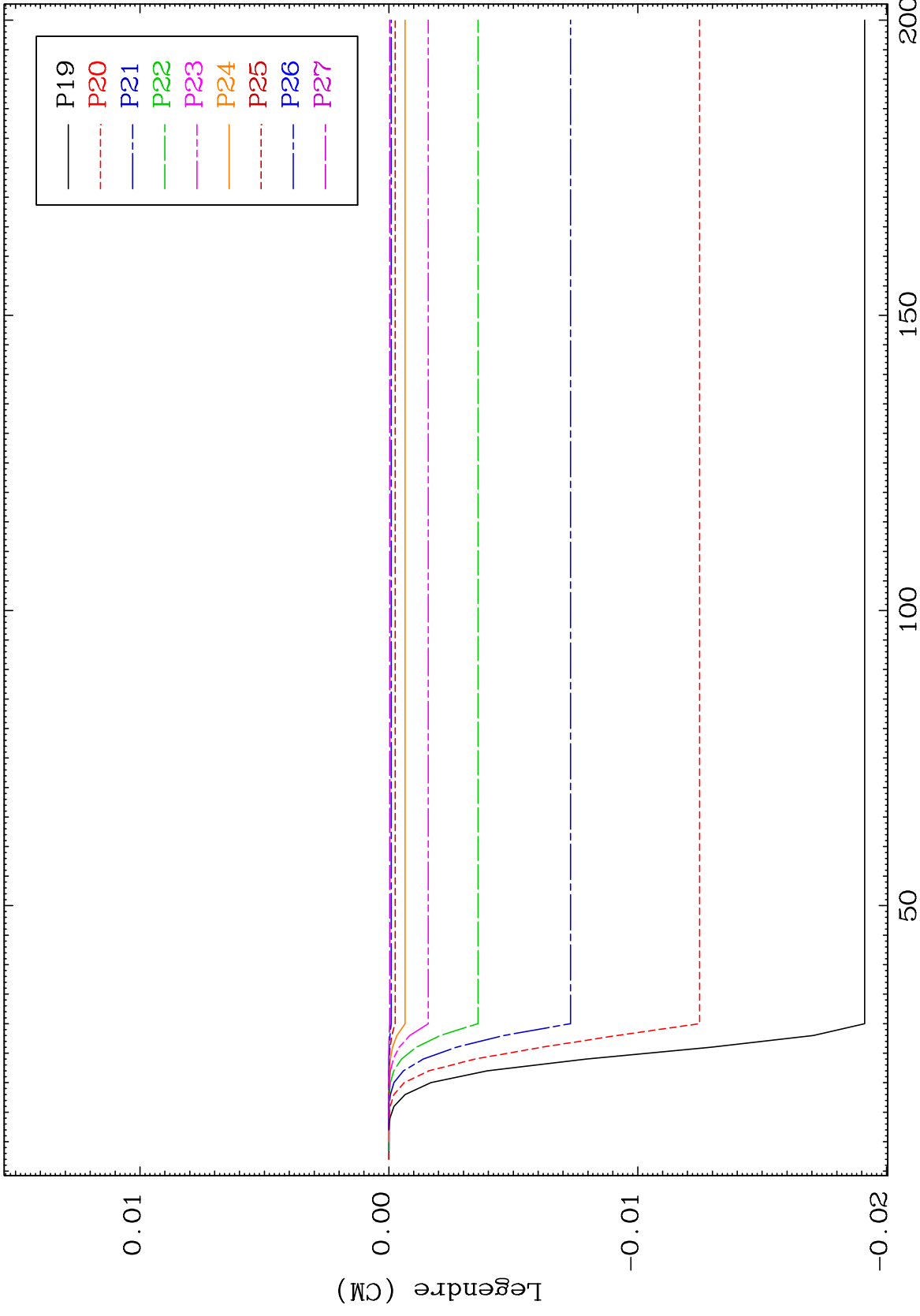
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



127

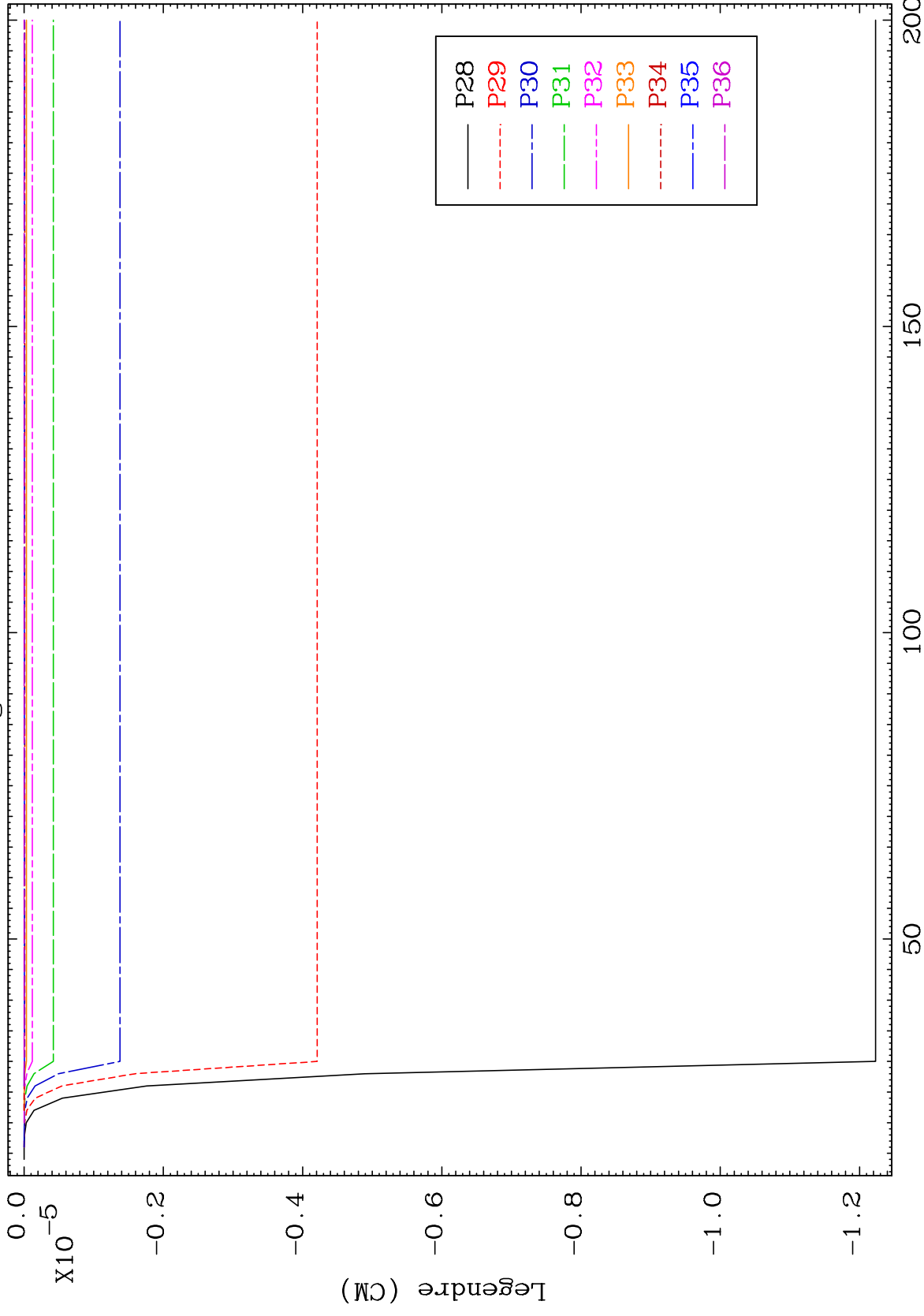
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



61-Pm-155

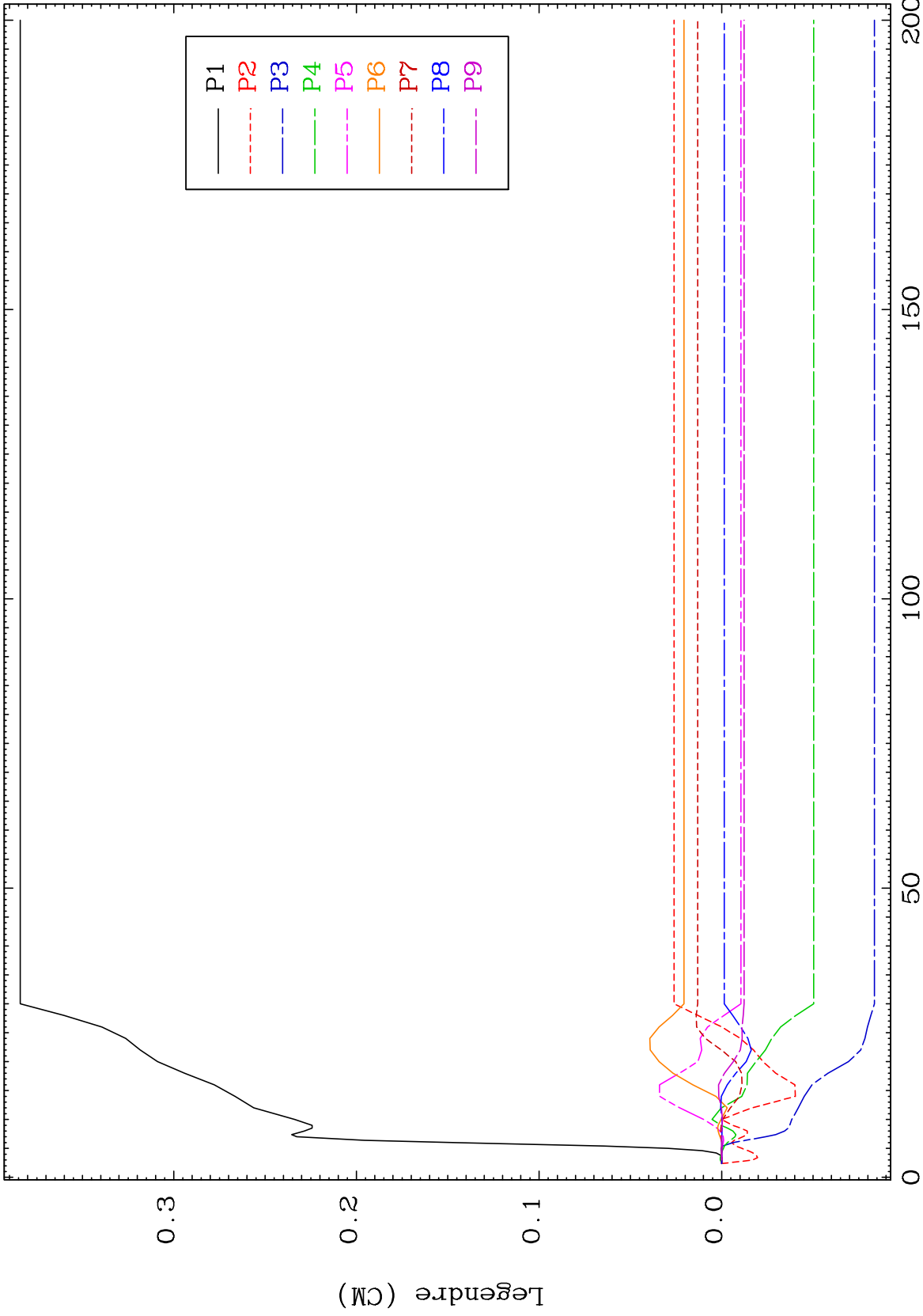
Incident Energy (MeV)

128

MAT 6173

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

61-Pm-155



129

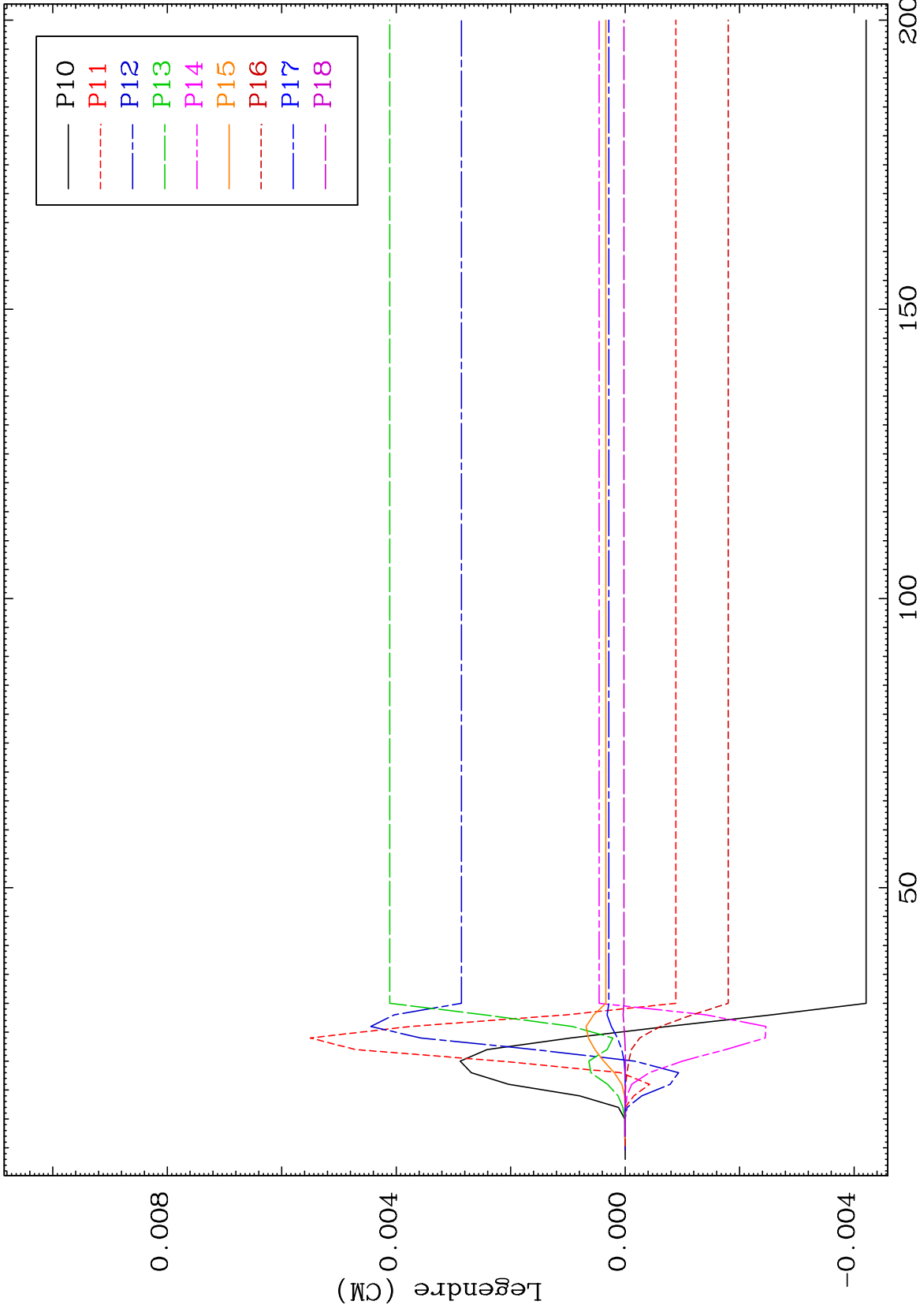
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



130

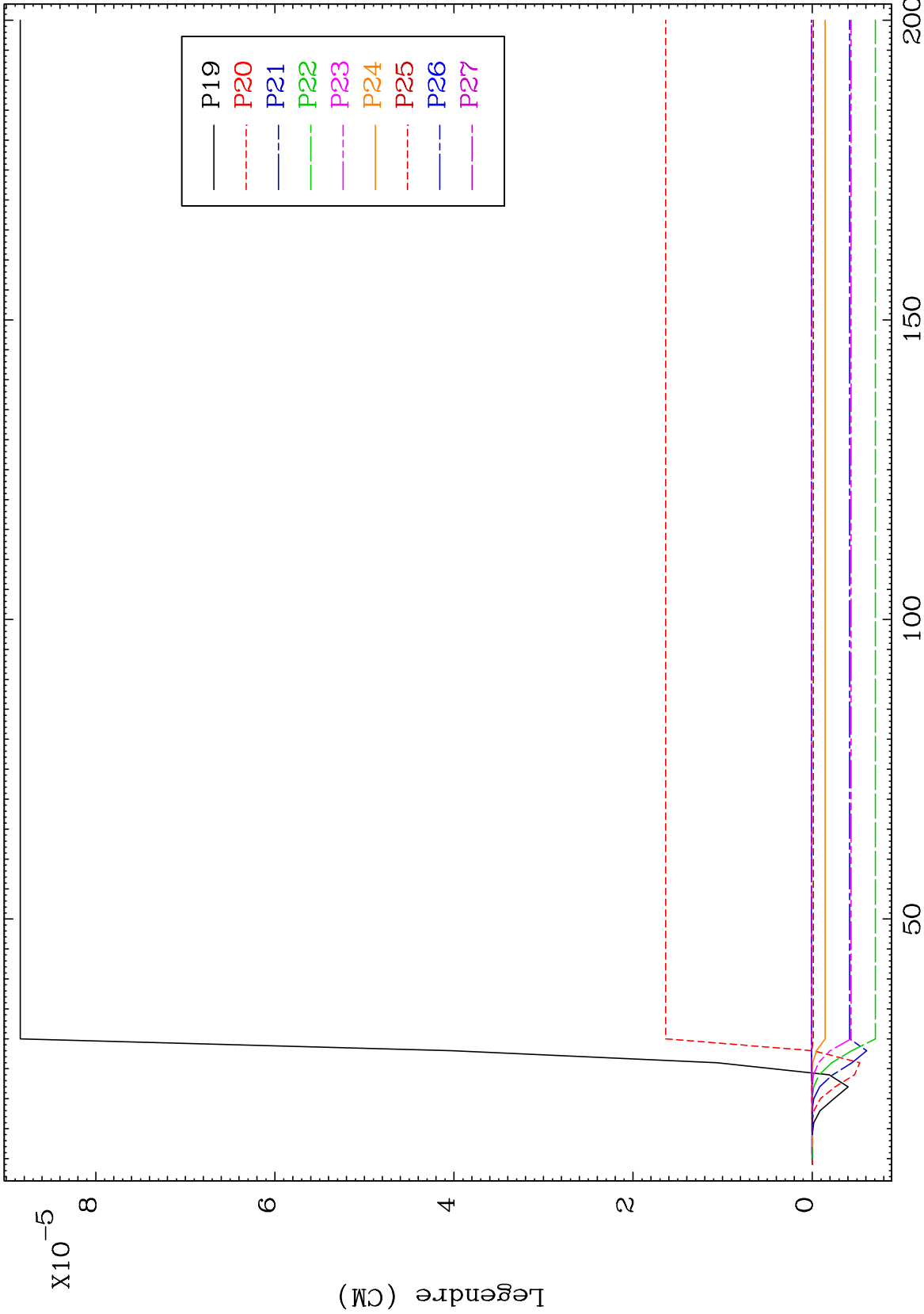
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



131

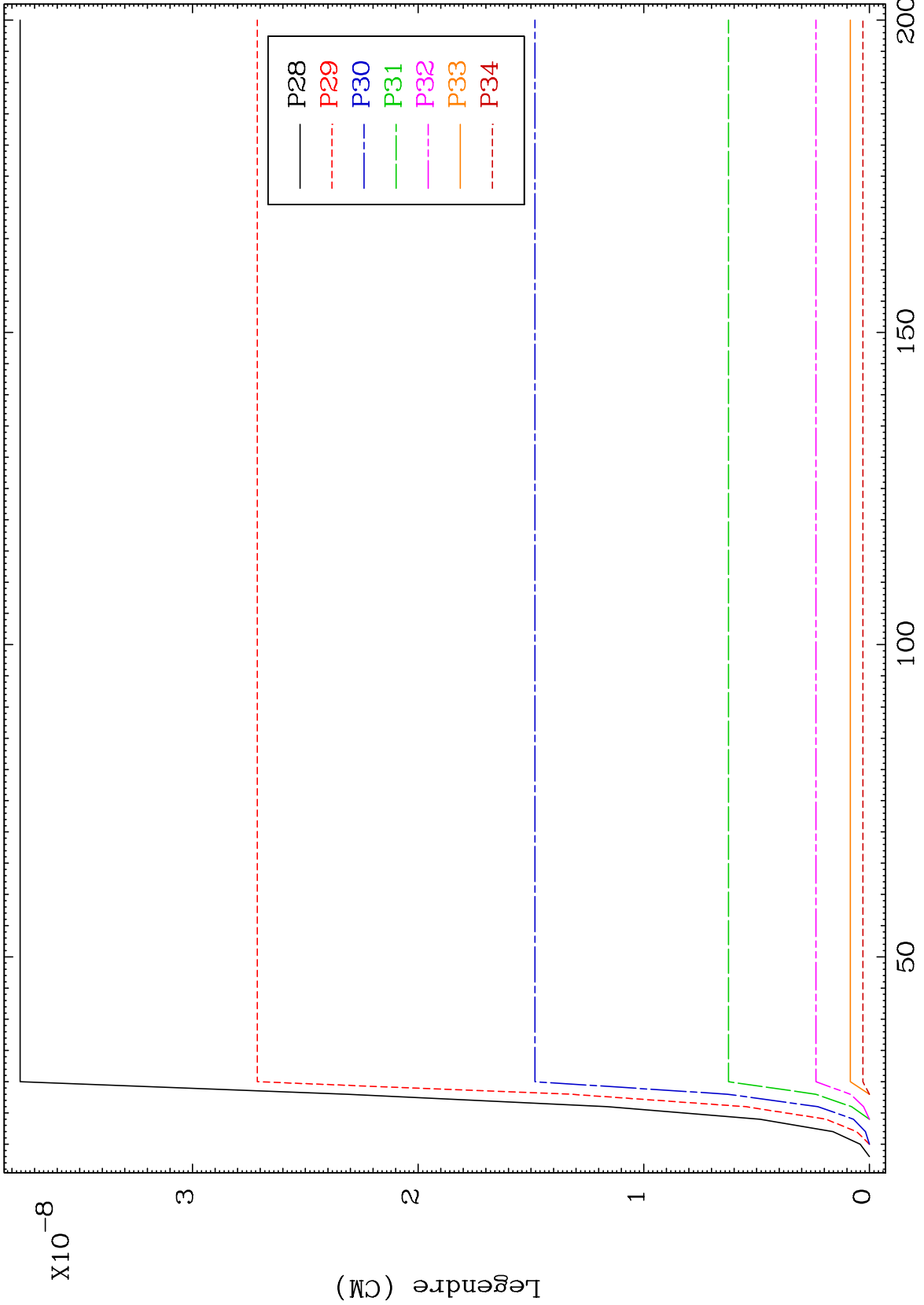
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



132

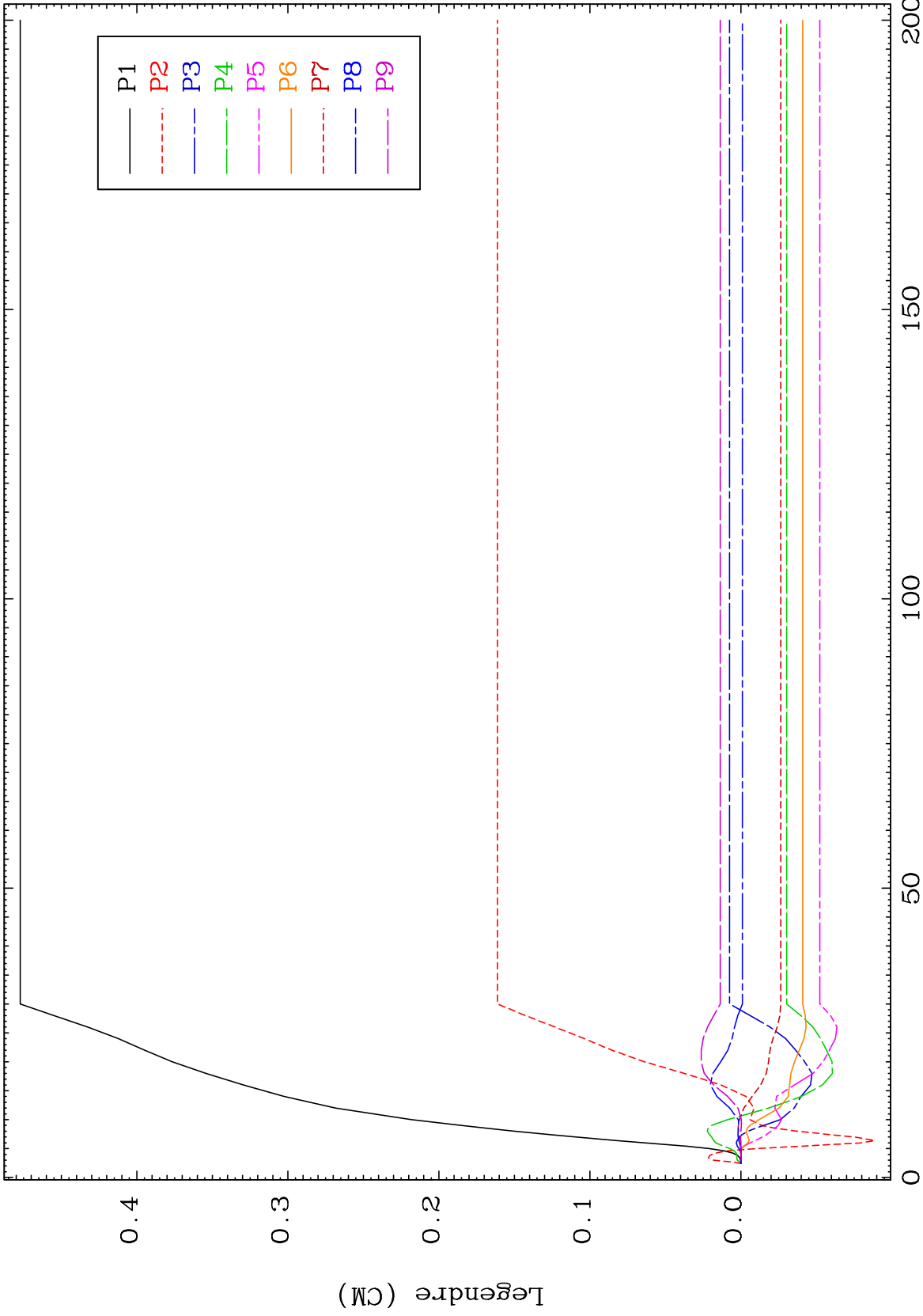
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



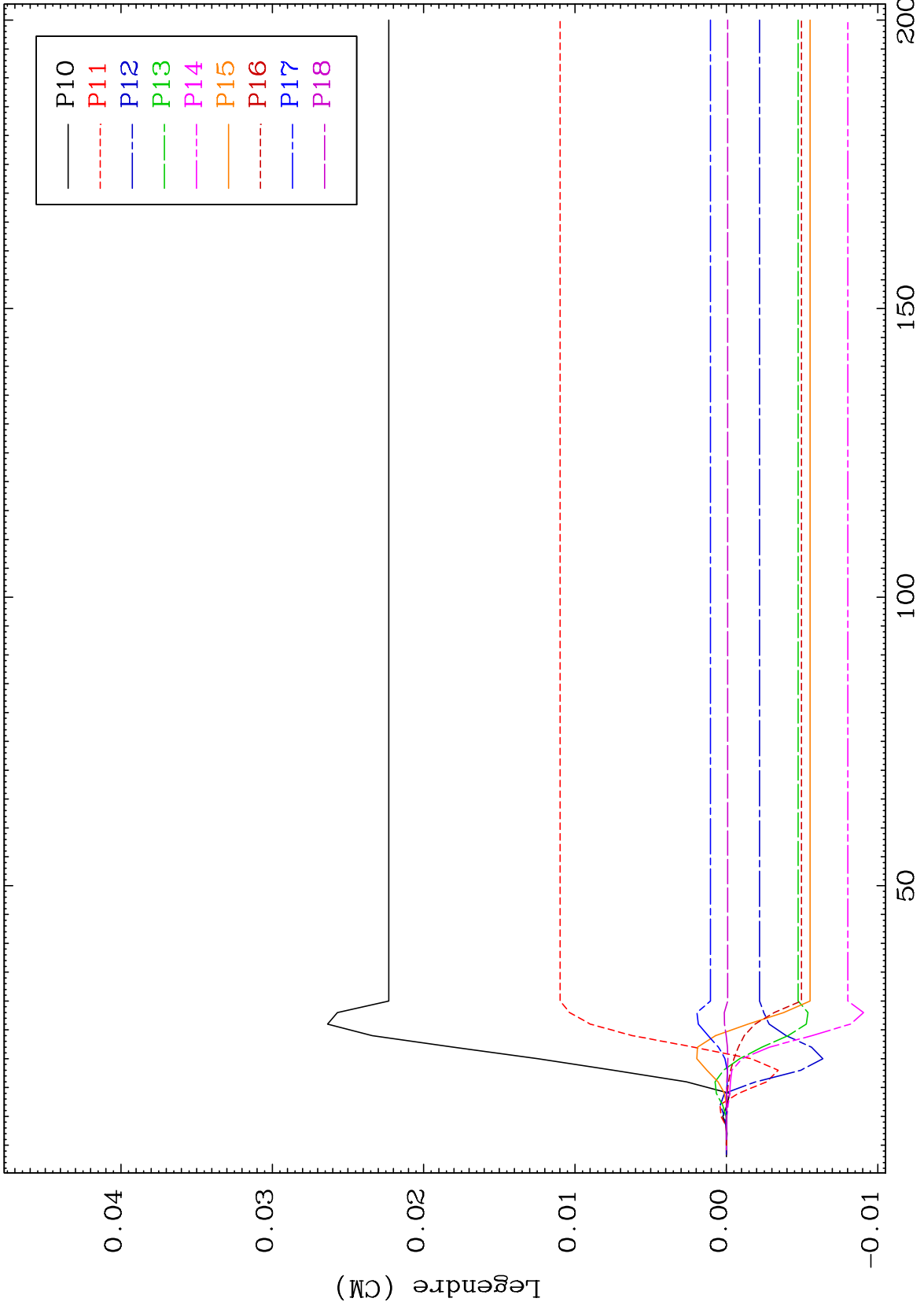
133

61-Pm-155

MAT 6173

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

61-Pm-155



134

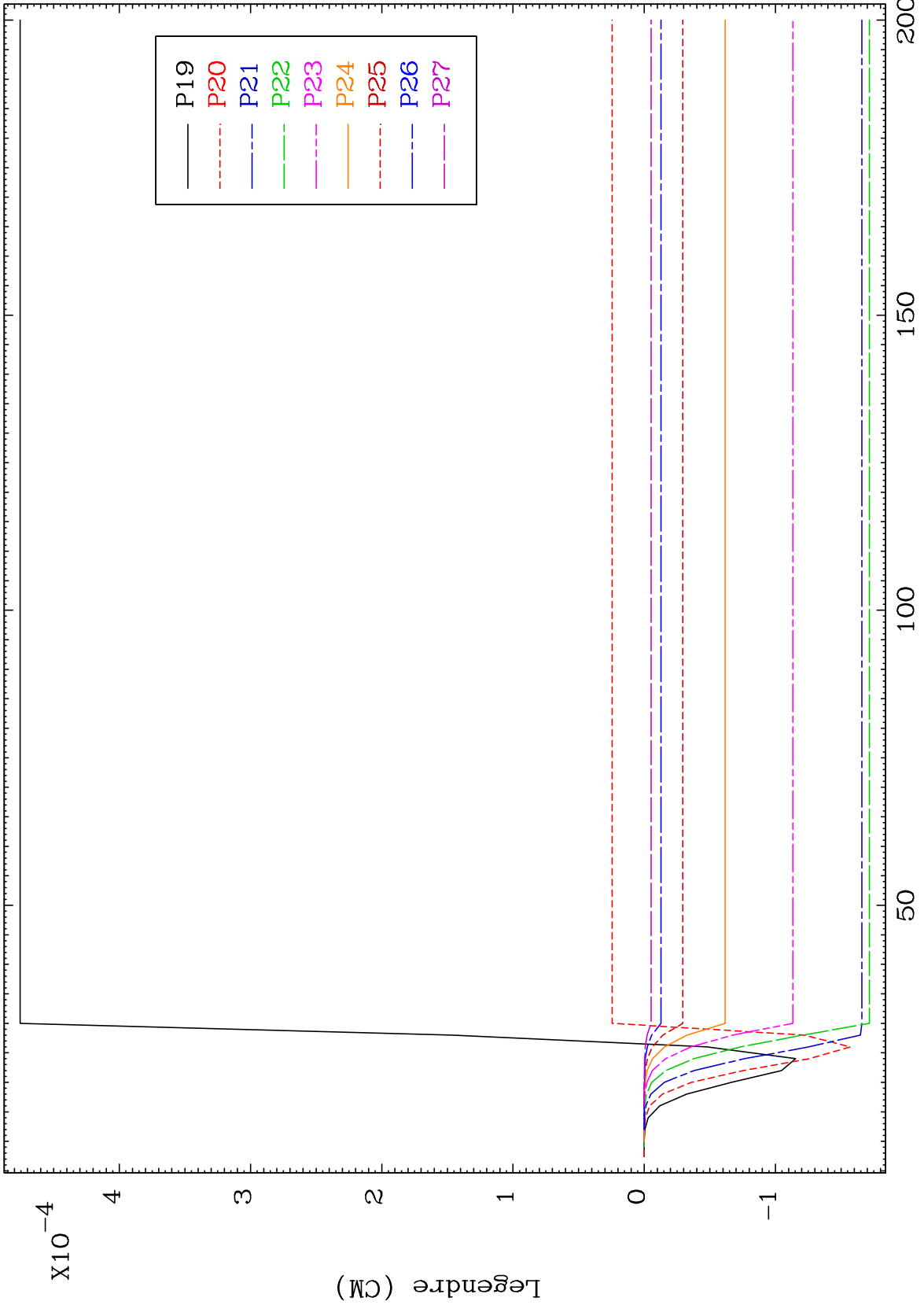
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



135

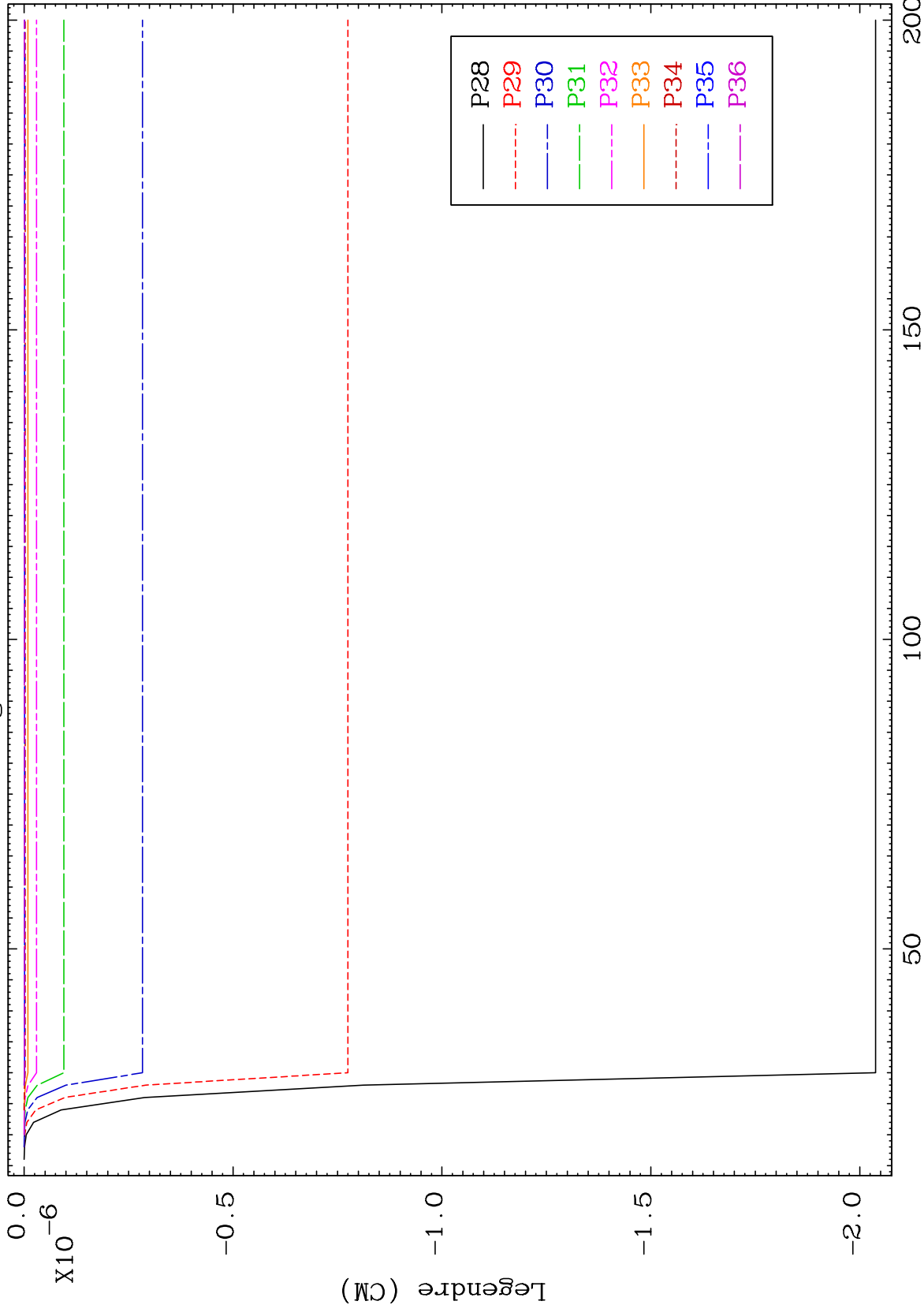
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



136

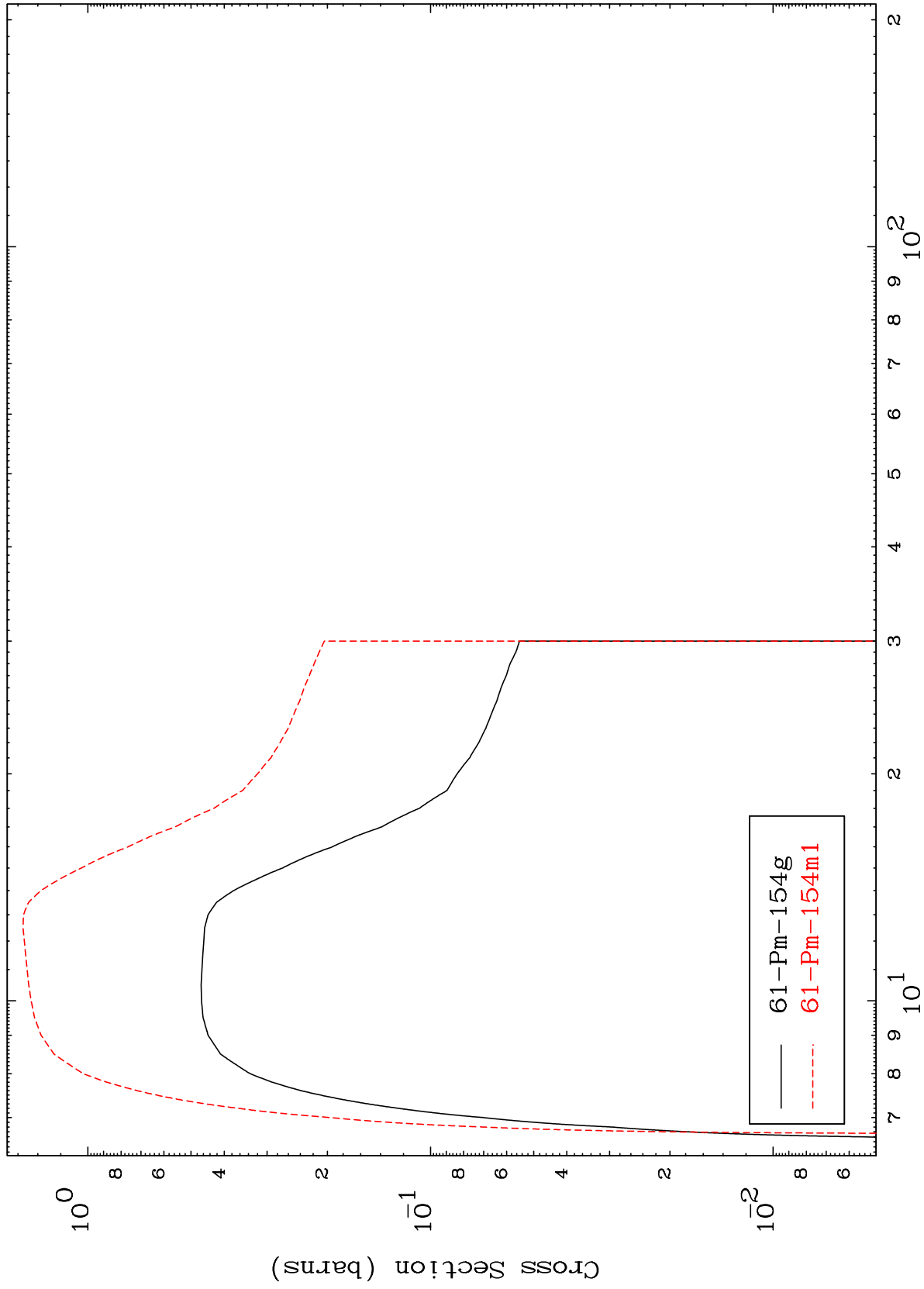
Incident Energy (MeV)

61-Pm-155

MAT 6173

61-Pm-155

(n,2n)
Radionuclide Production Cross Section



137

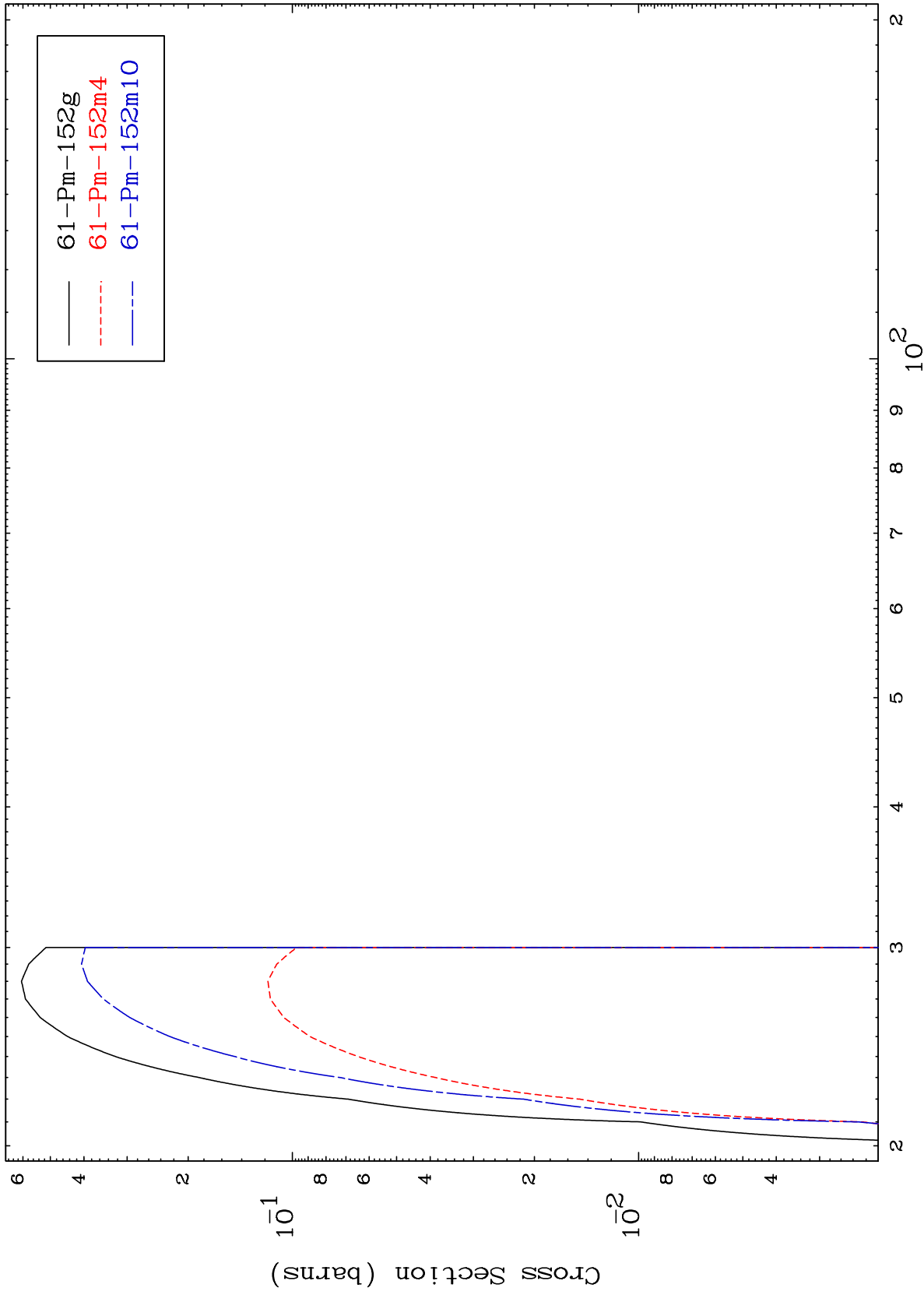
61-Pm-155

MAT 6173

(n,4n)

61-Pm-155

Radionuclide Production Cross Section



138

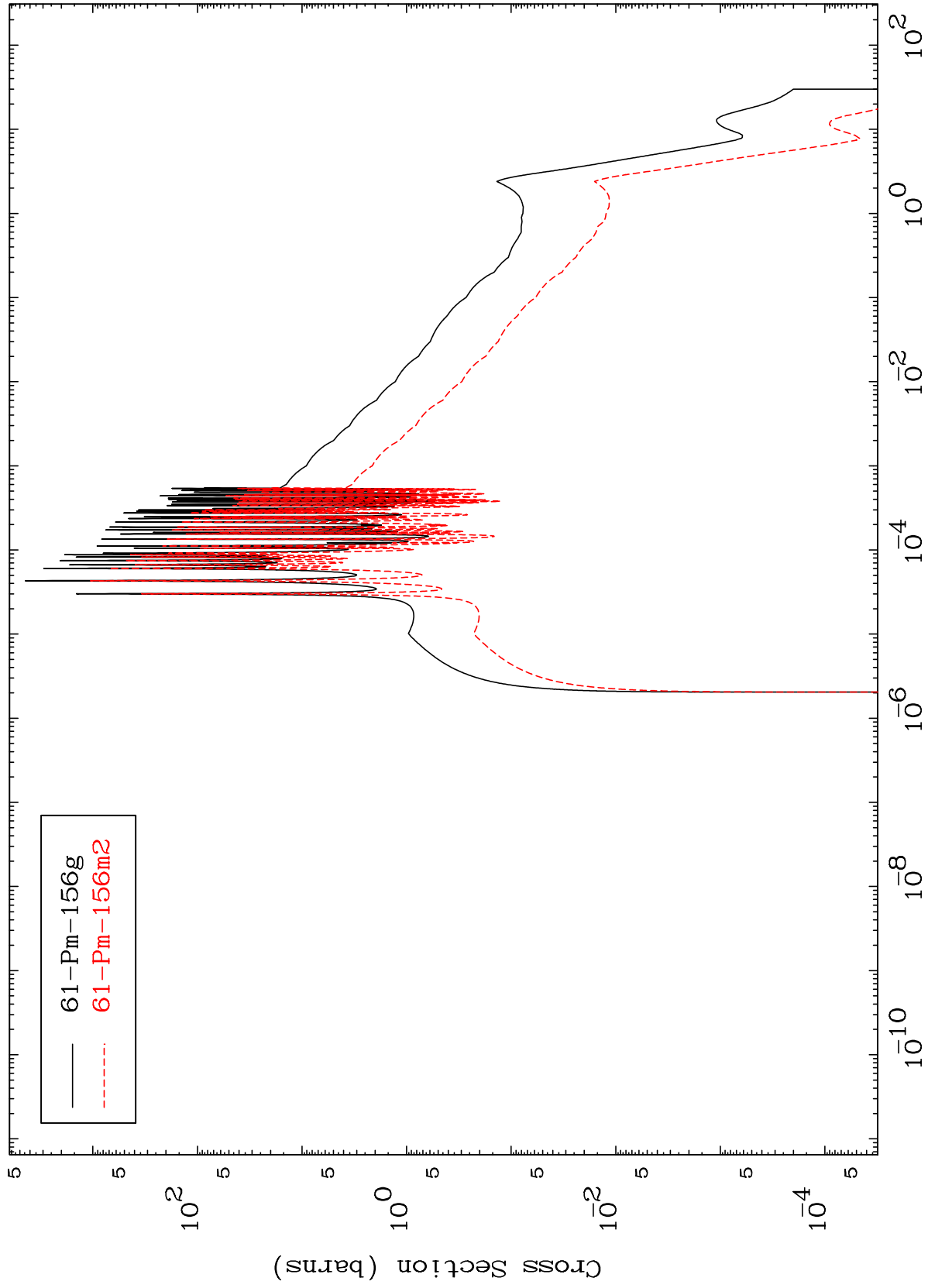
Incident Energy (MeV)

61-Pm-155

MAT 6173

61-Pm-155

(n,γ)
Radionuclide Production Cross Section



139

61-Pm-155