

Program EVALPLOT
(Version 2018-1)

by

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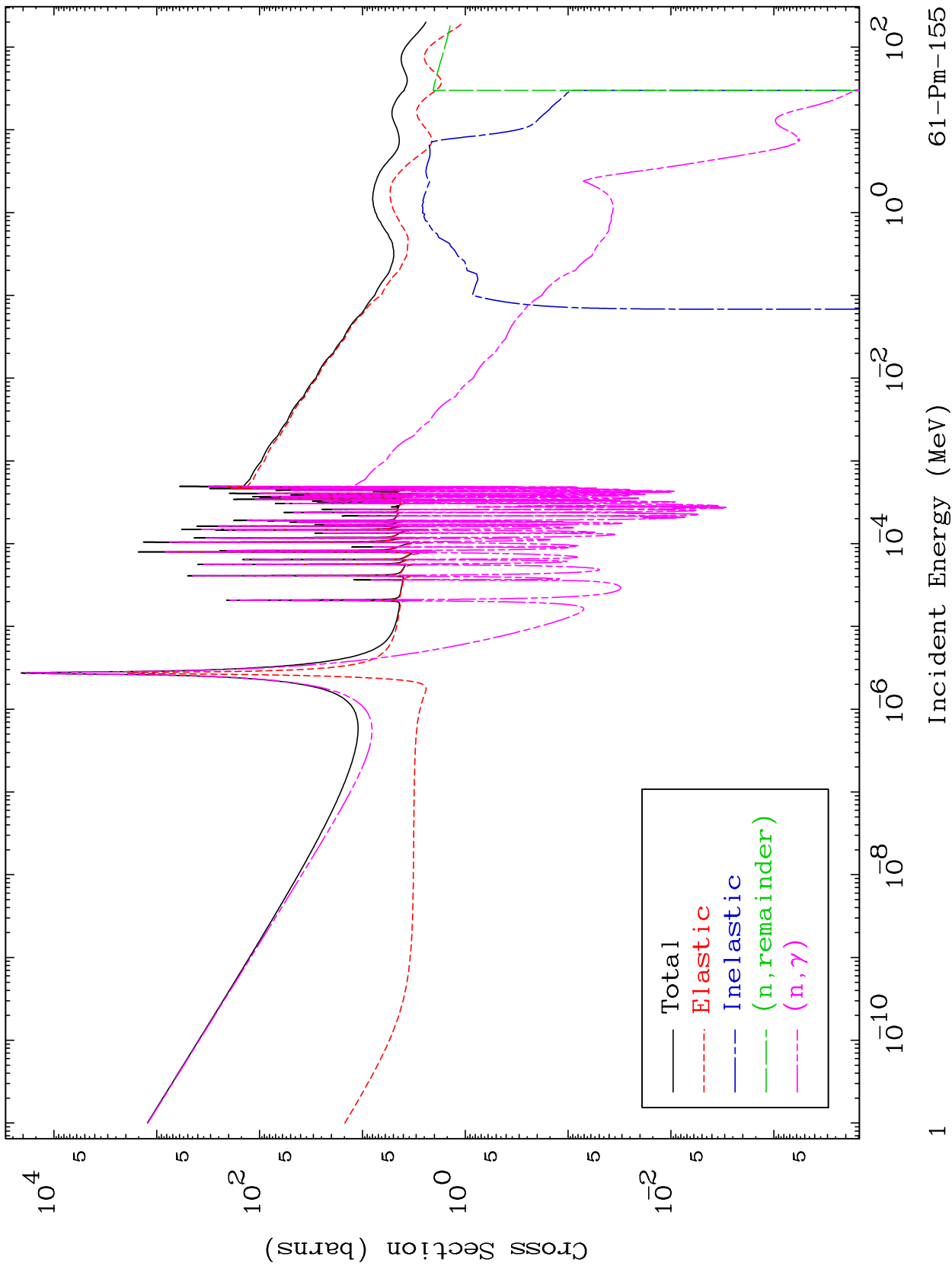
Press Mouse Button to Start

MAT 6173

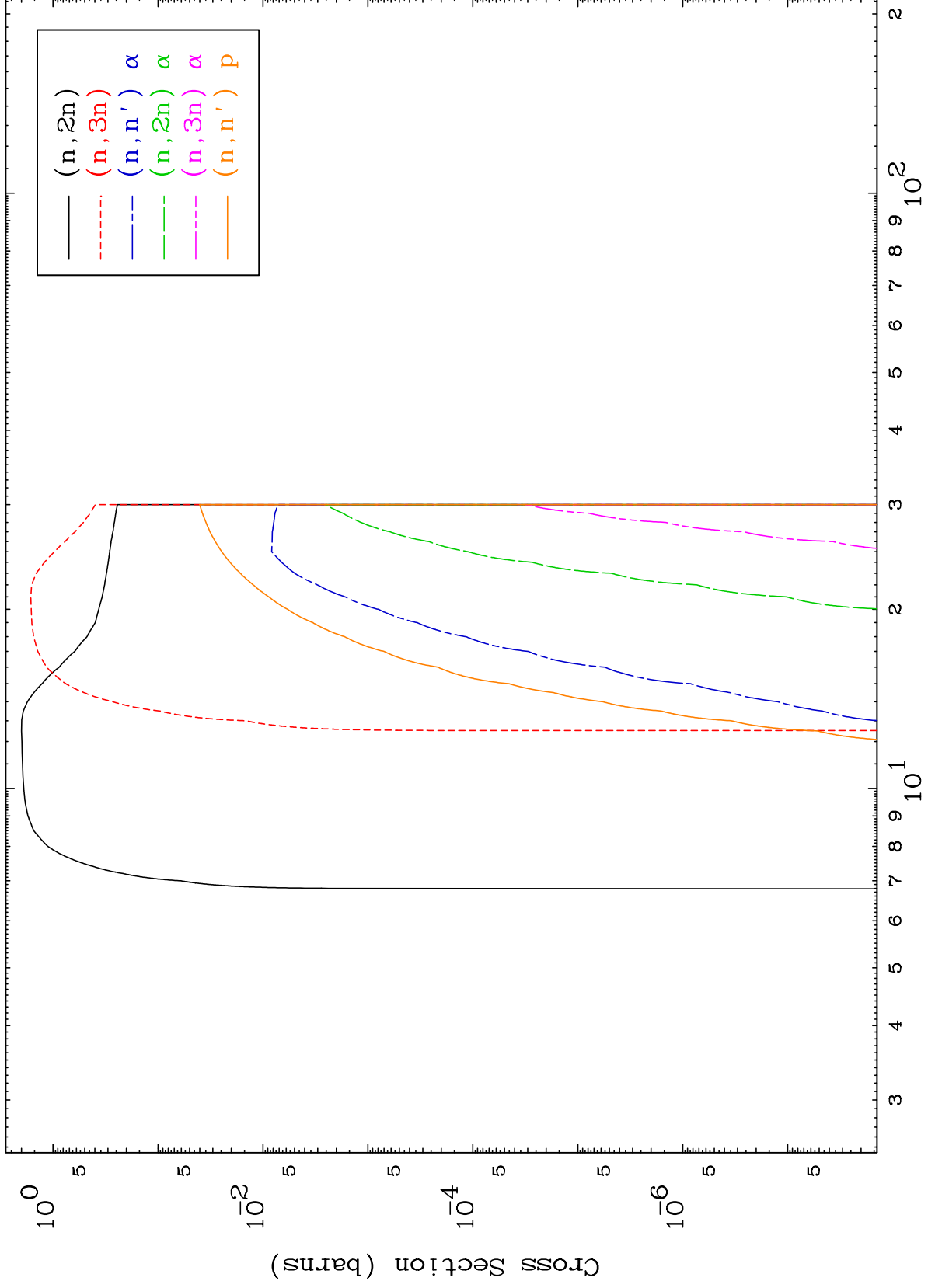
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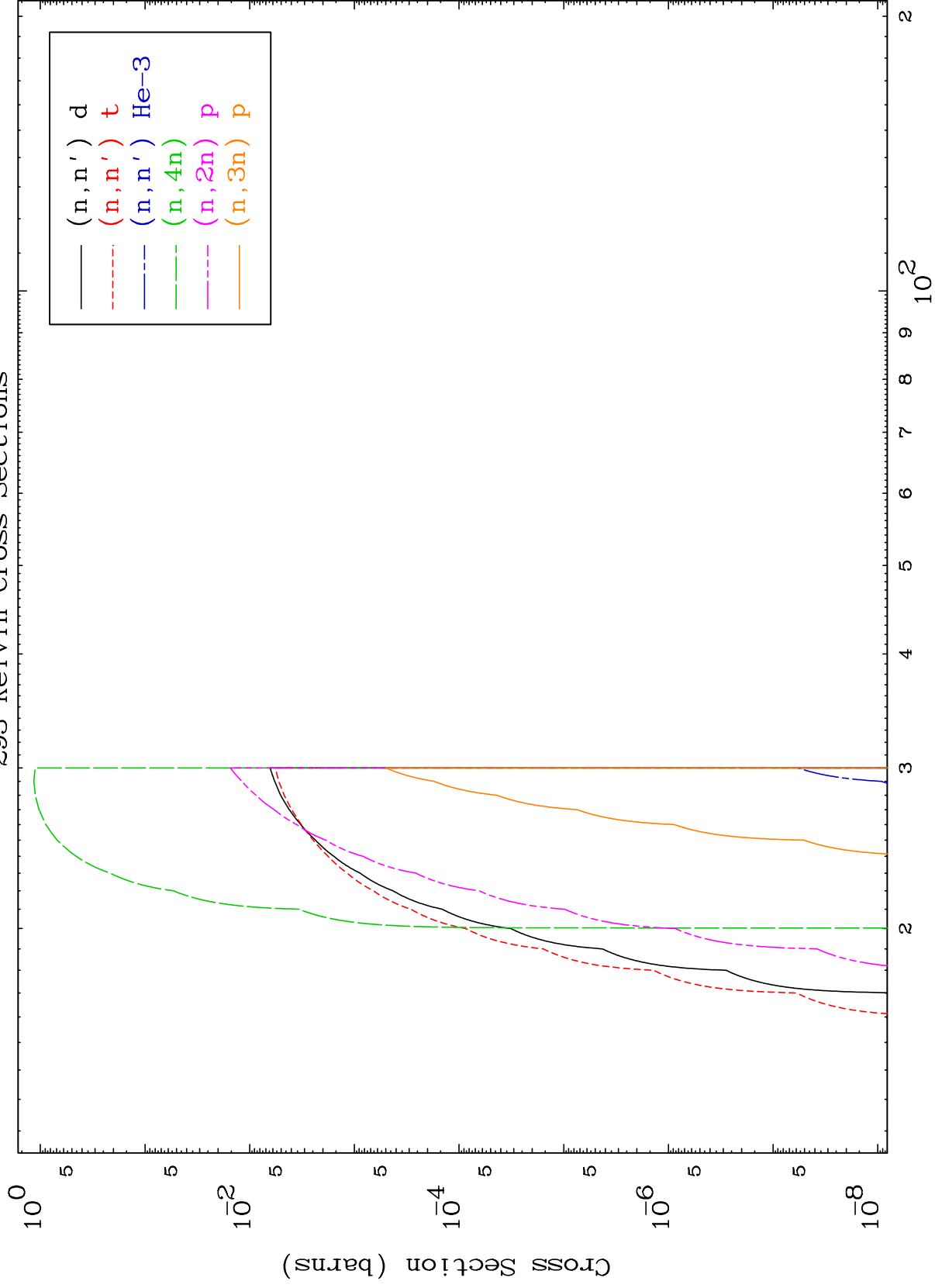
293 Kelvin Cross Sections

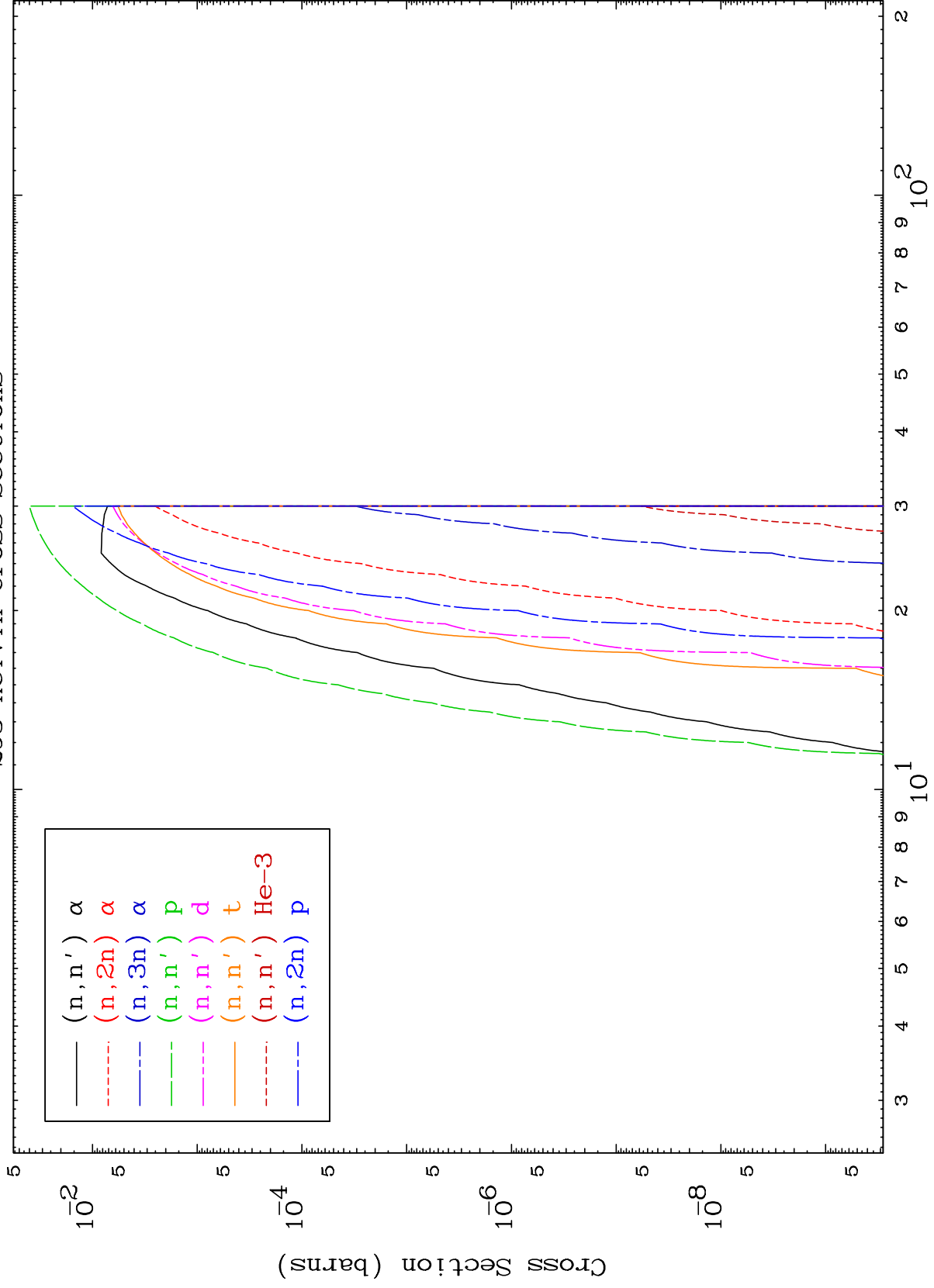
61-Pm-155



Neutron Production
293 Kelvin Cross Sections



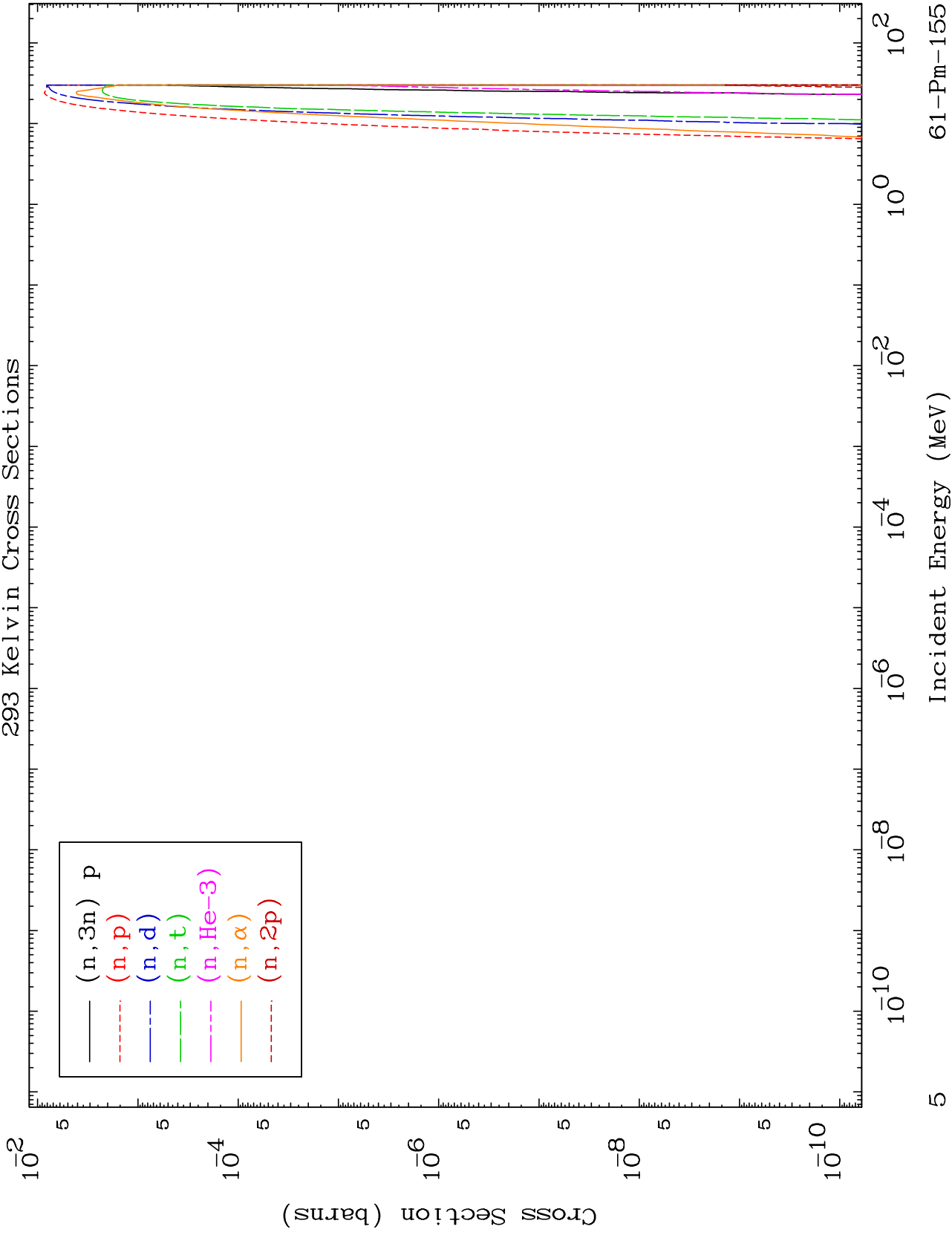




MAT 6173

Charged Particle
293 Kelvin Cross Sections

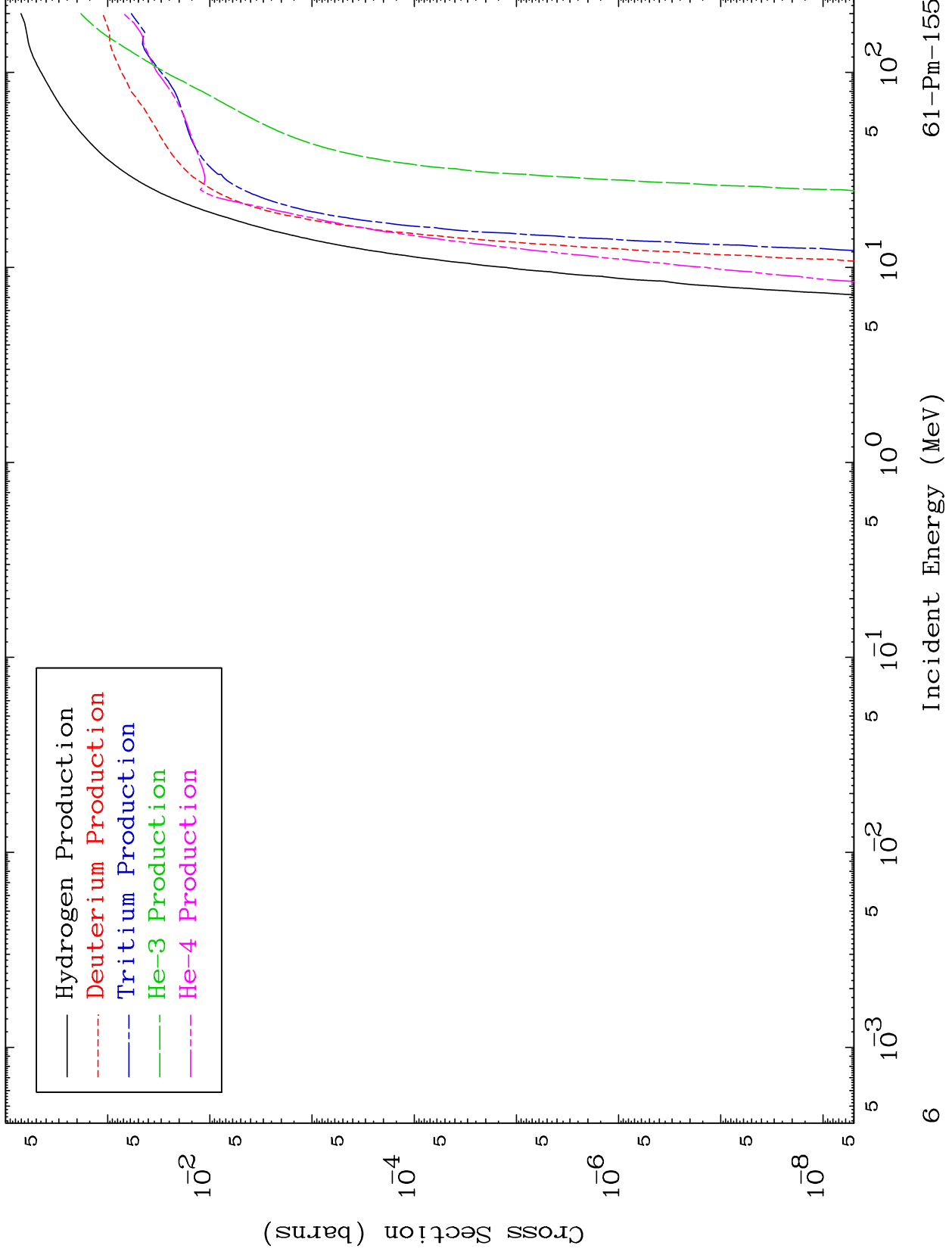
61-Pm-155



MAT 6173

Particle Production
293 Kelvin Cross Sections

61-Pm-155



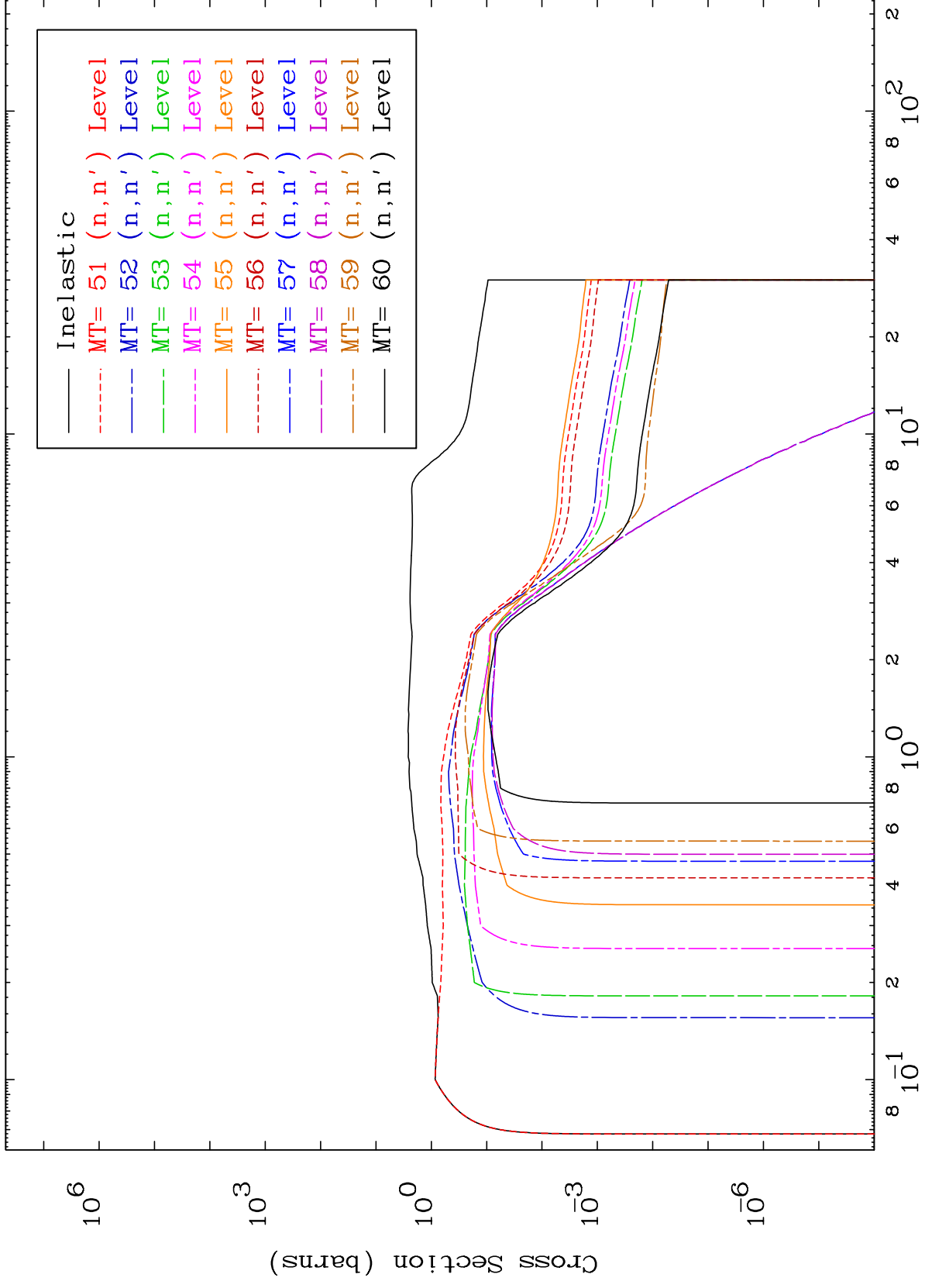
6

MAT 6173

(n,n') Level

61-Pm-155

293 Kelvin Cross Sections



7

Incident Energy (MeV)

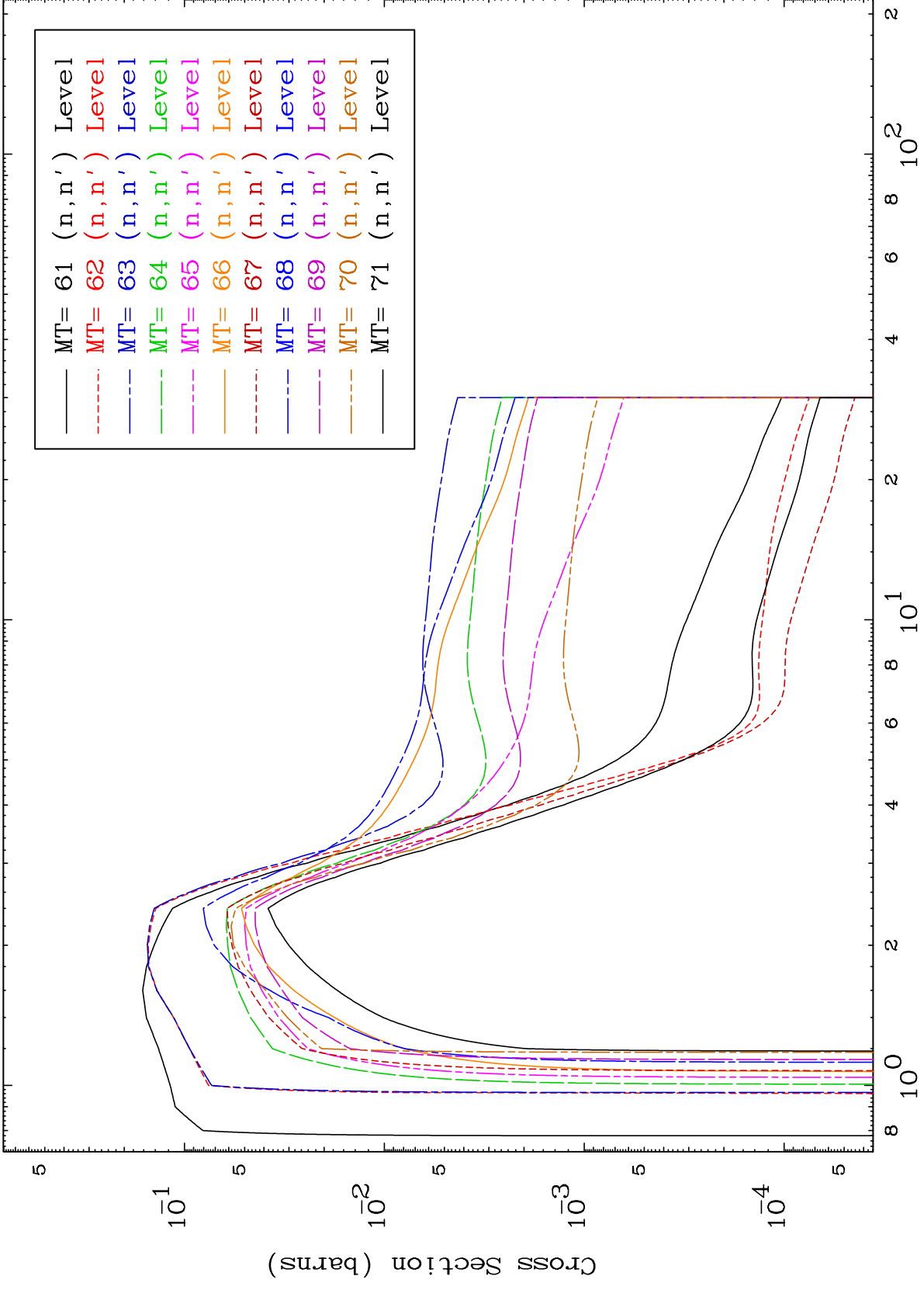
61-Pm-155

MAT 6173

(n,n') Level

61-Pm-155

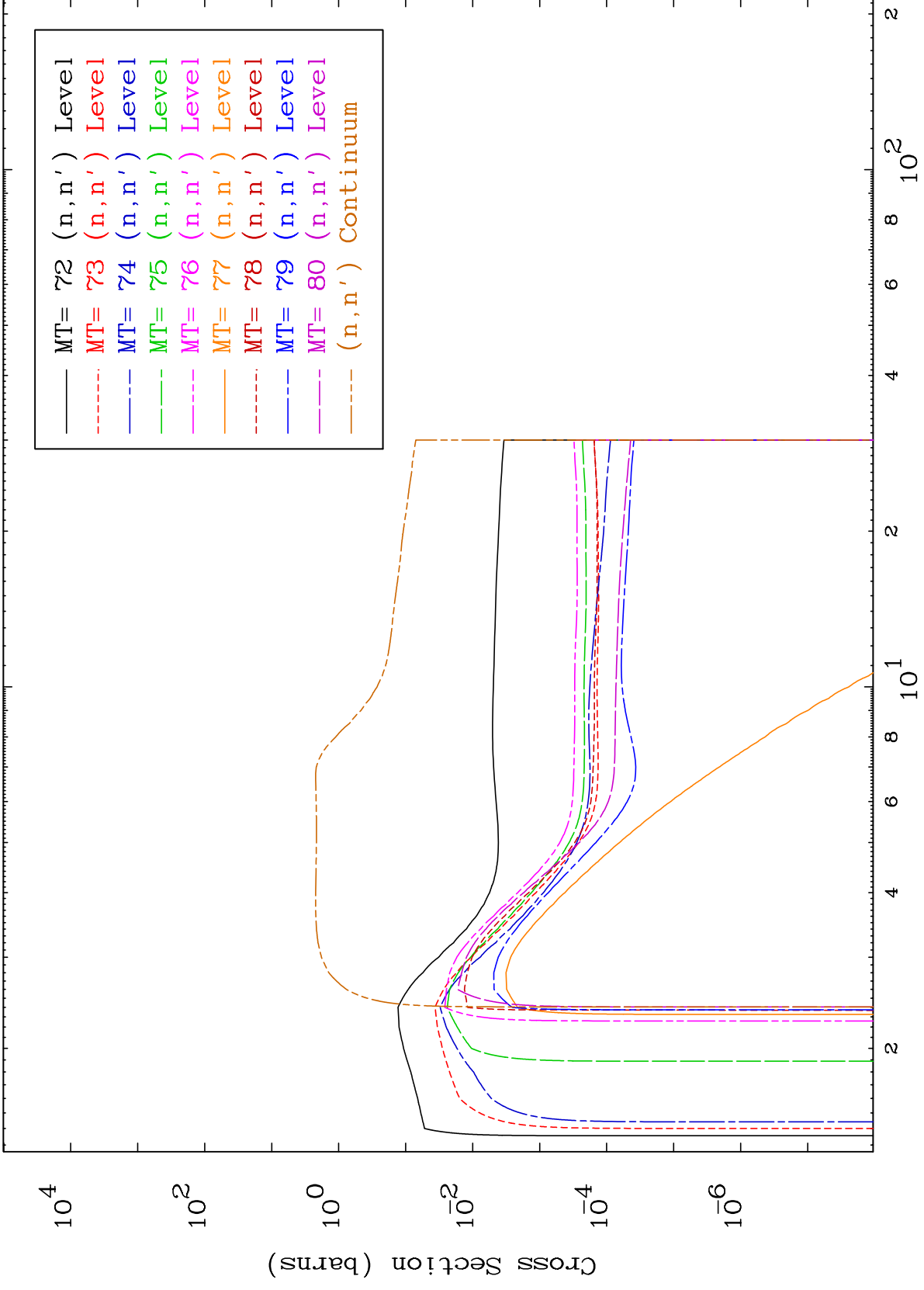
293 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-155

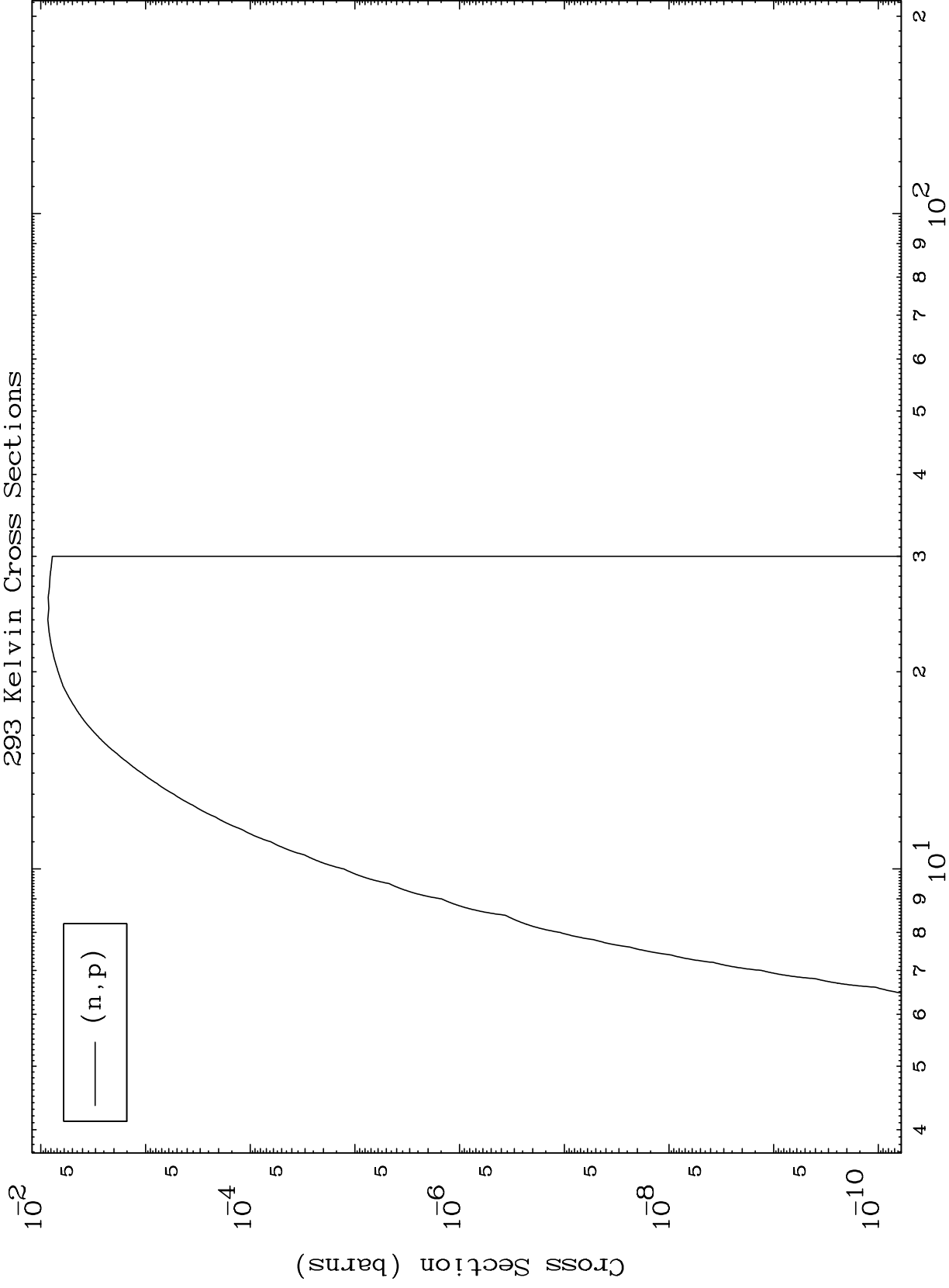
293 Kelvin Cross Sections



MAT 6173

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-155



Incident Energy (MeV)

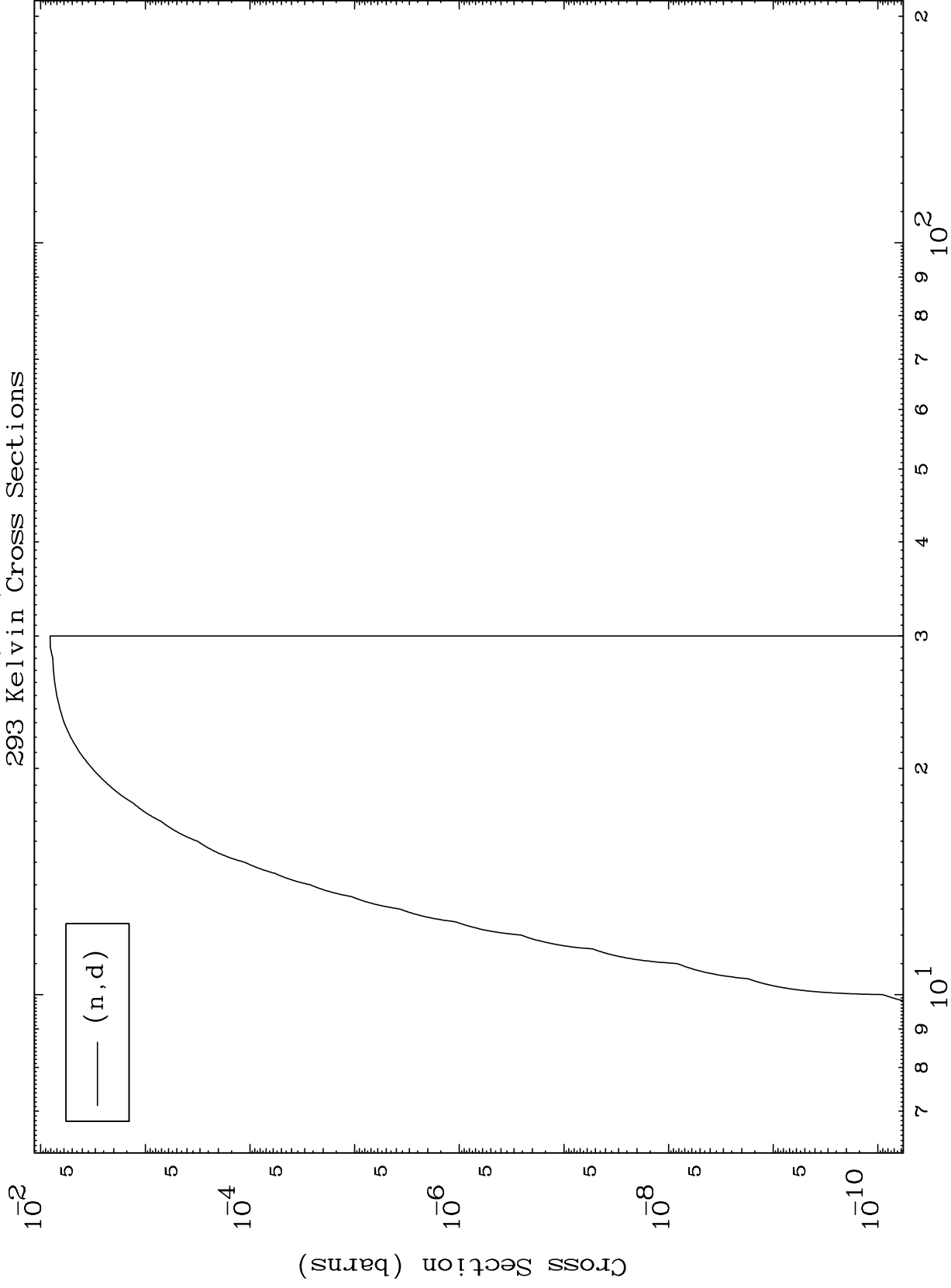
61-Pm-155

10

MAT 6173

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-155



11

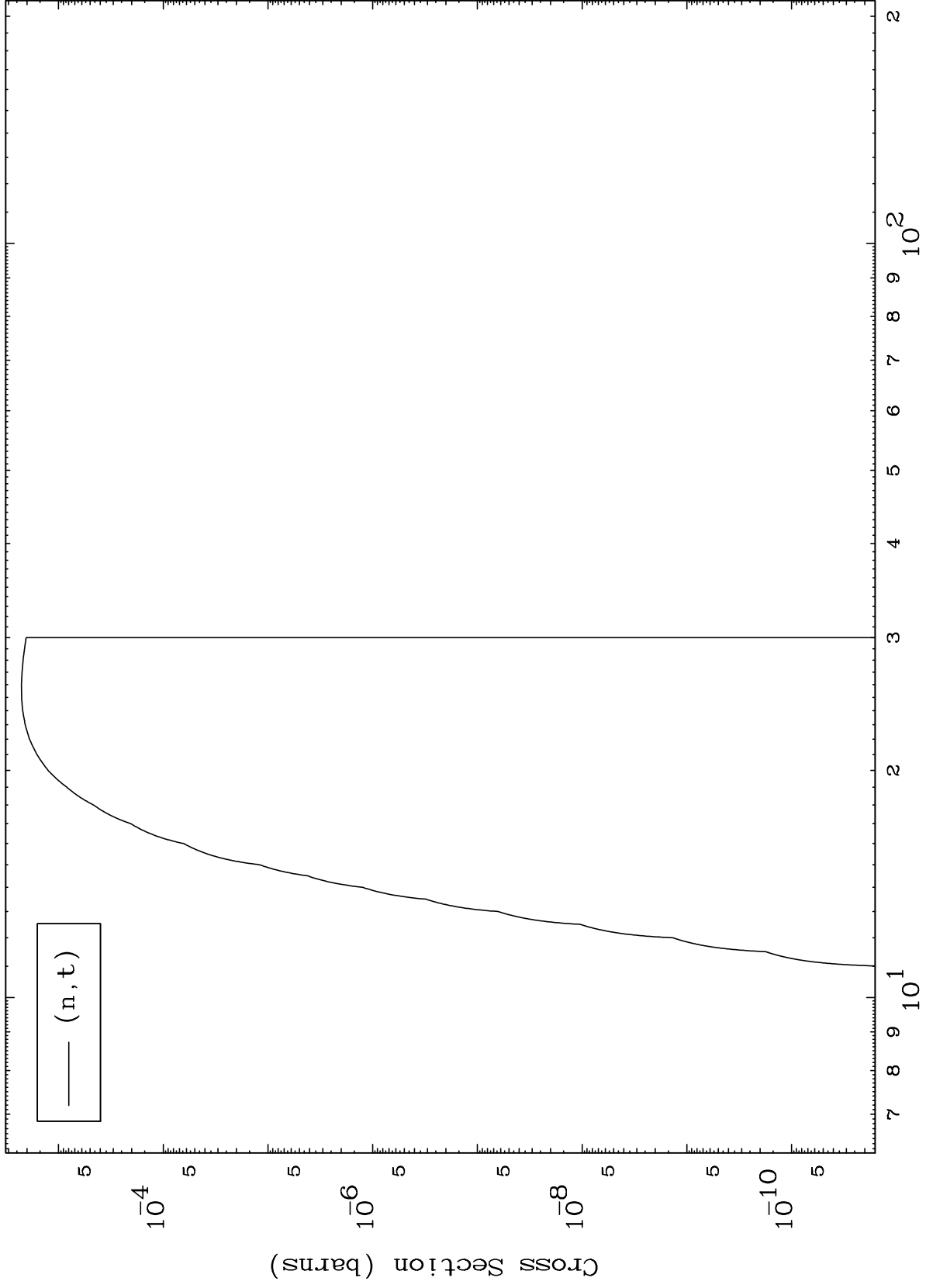
Incident Energy (MeV)

61-Pm-155

MAT 6173

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-155



12

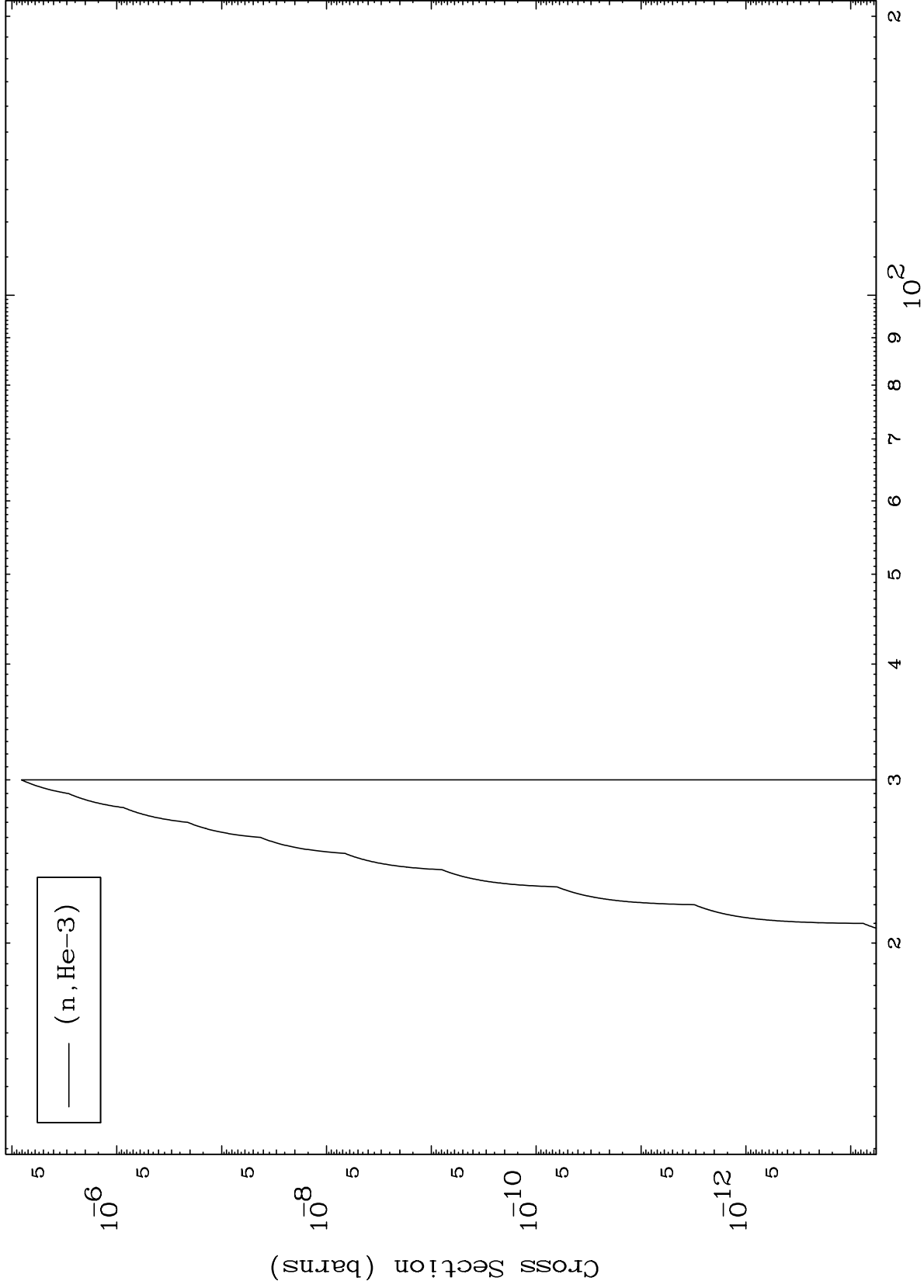
Incident Energy (MeV)

61-Pm-155

MAT 6173

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-155



13

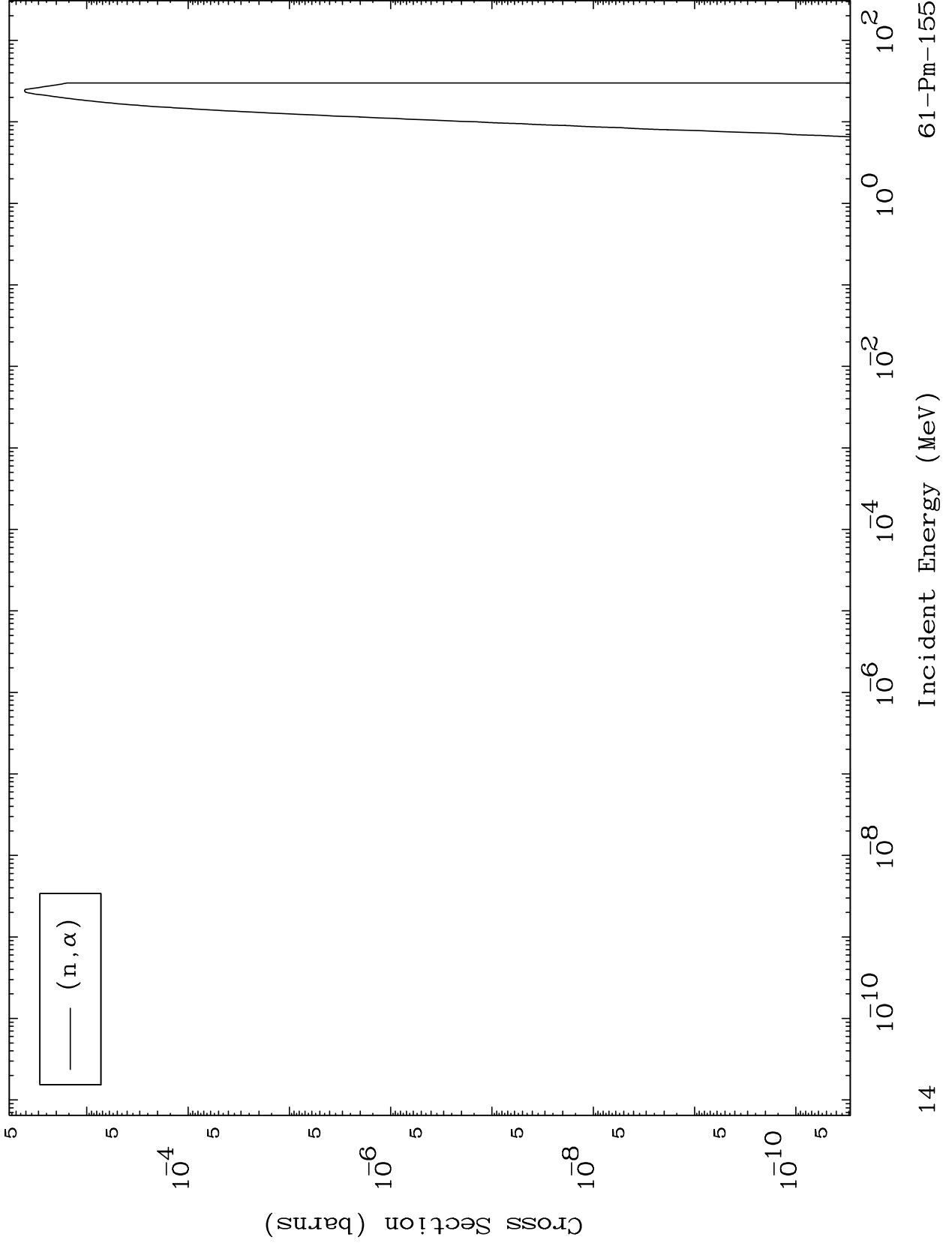
Incident Energy (MeV)

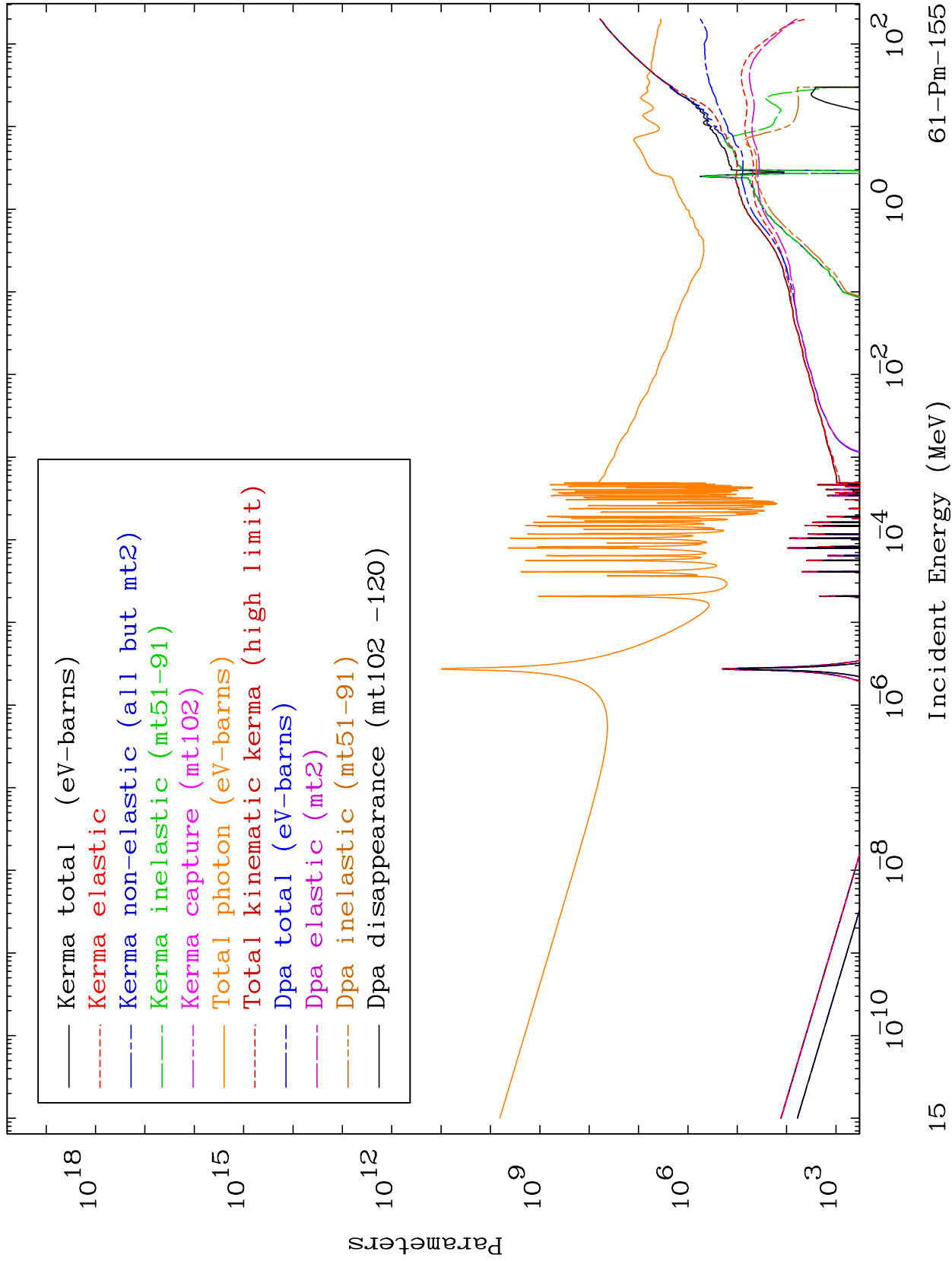
61-Pm-155

MAT 6173

(n, α) Levels
293 Kelvin Cross Sections

61-Pm-155

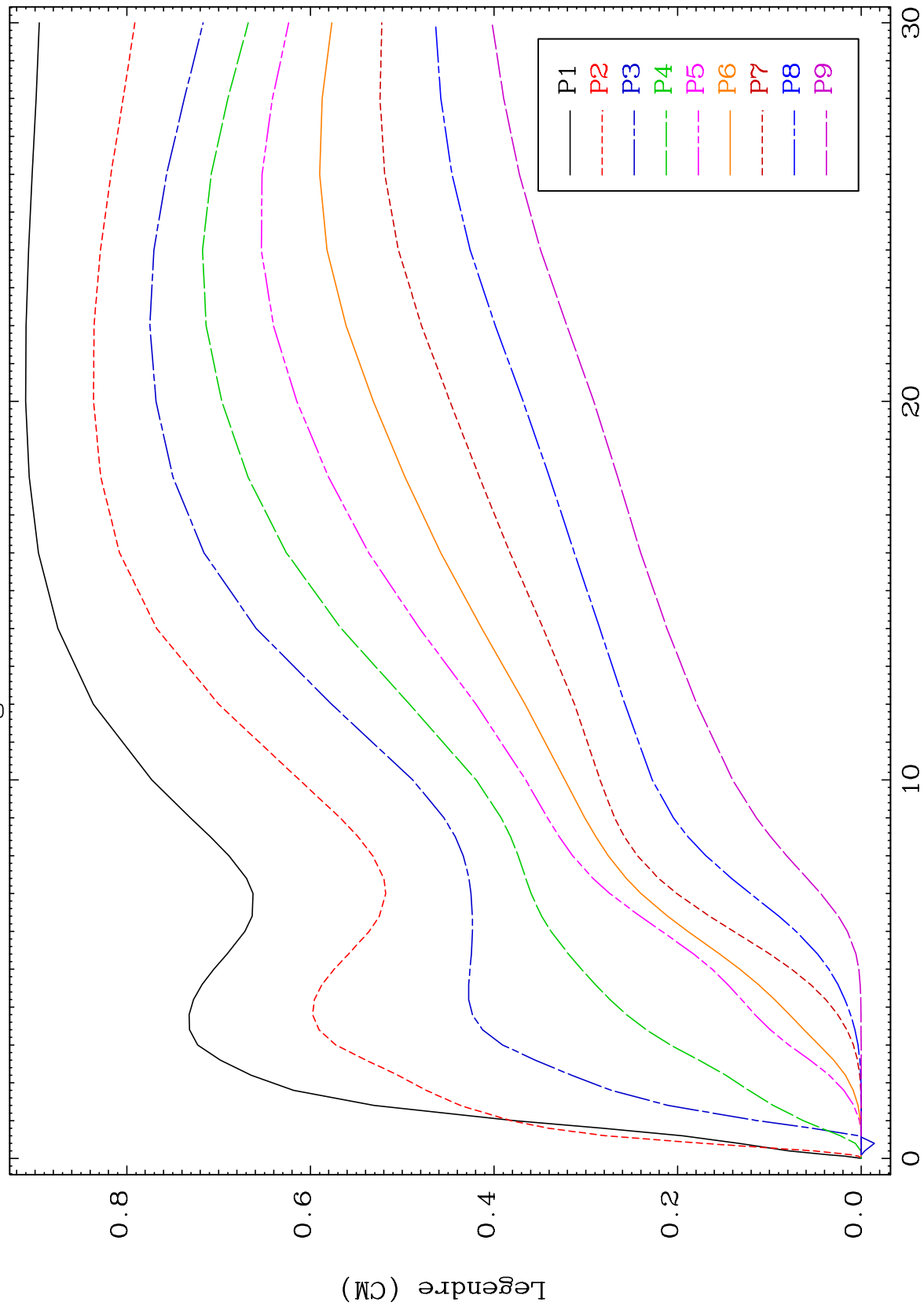




MAT 6173

Elastic Legendre Coefficients

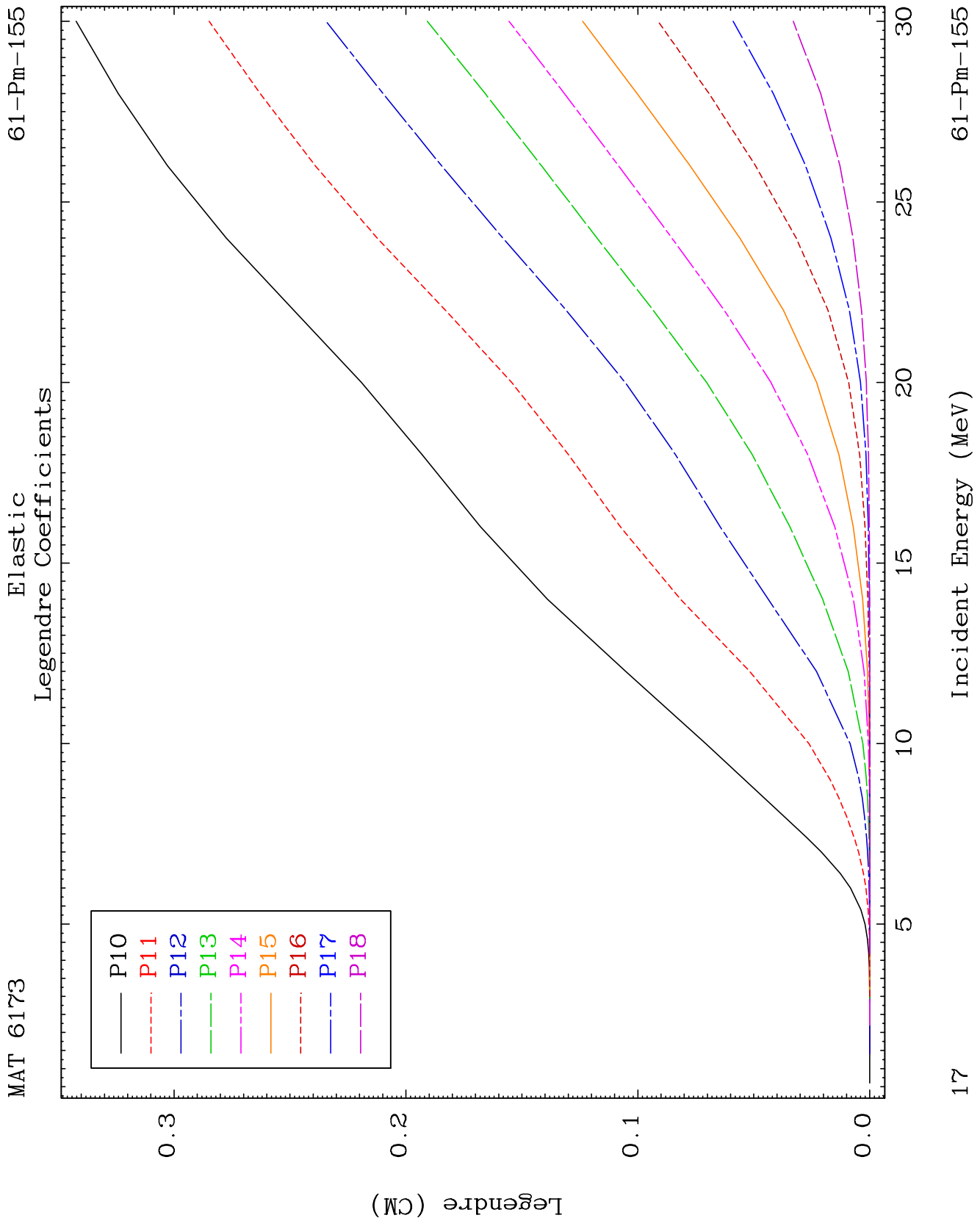
61-Pm-155



16

Incident Energy (MeV)

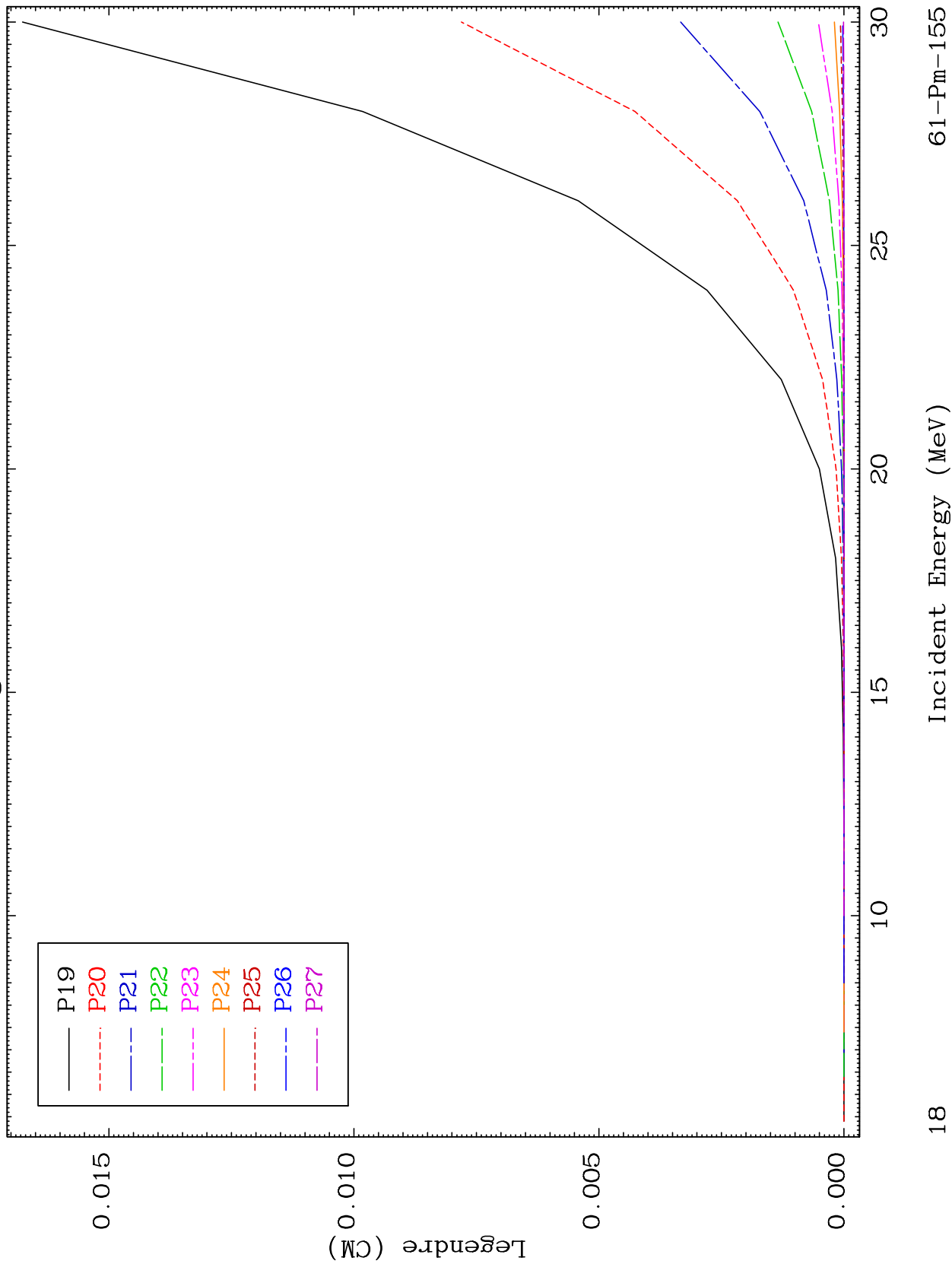
61-Pm-155



MAT 6173

Elastic Legendre Coefficients

61-Pm-155



18

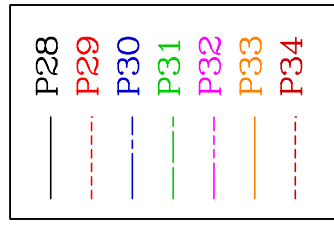
Incident Energy (MeV)

61-Pm-155

MAT 6173

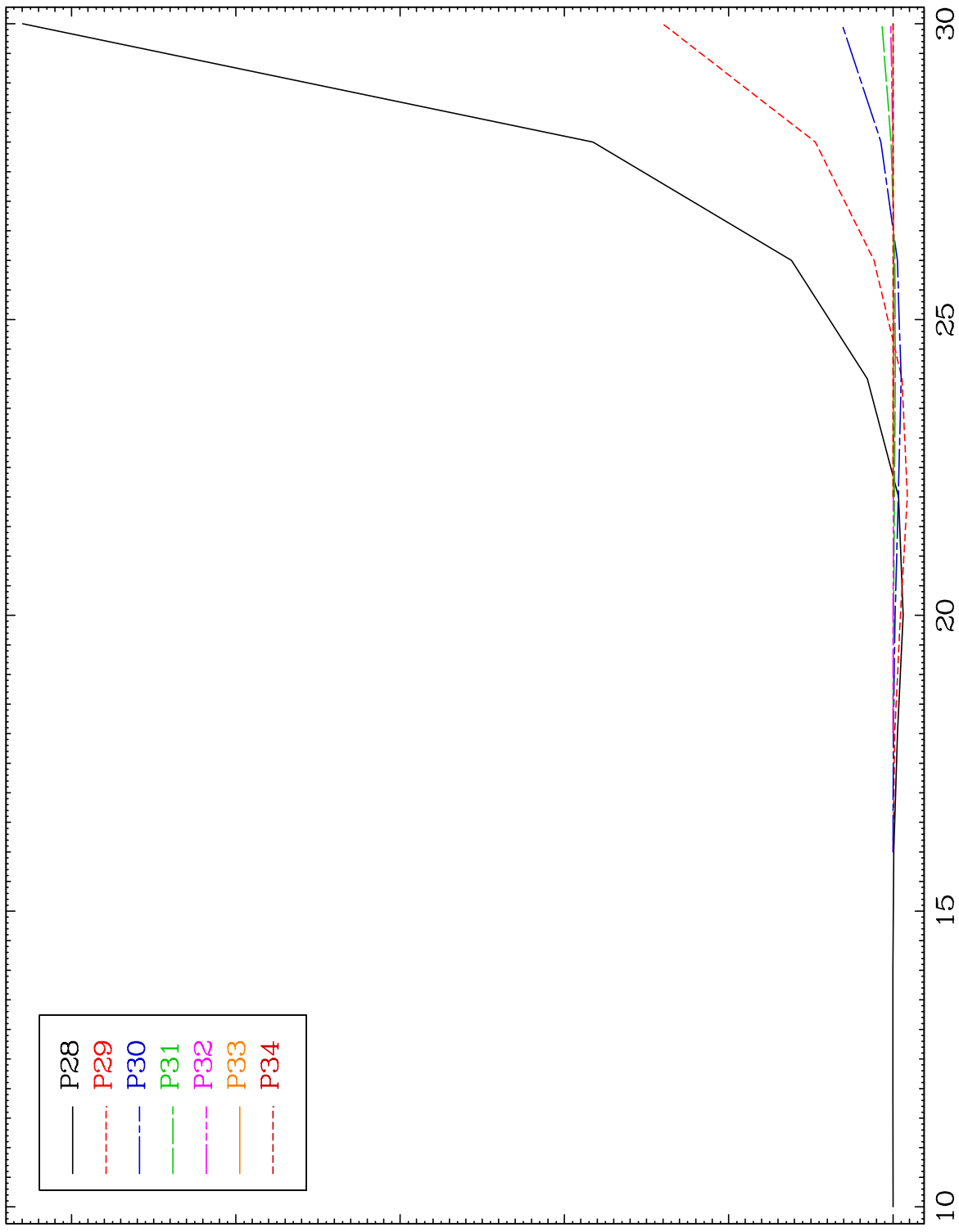
Elastic
Legendre Coefficients

61-Pm-155



$\times 10^{-6.5}$

Legendre (CM)



10

15

20

25

30

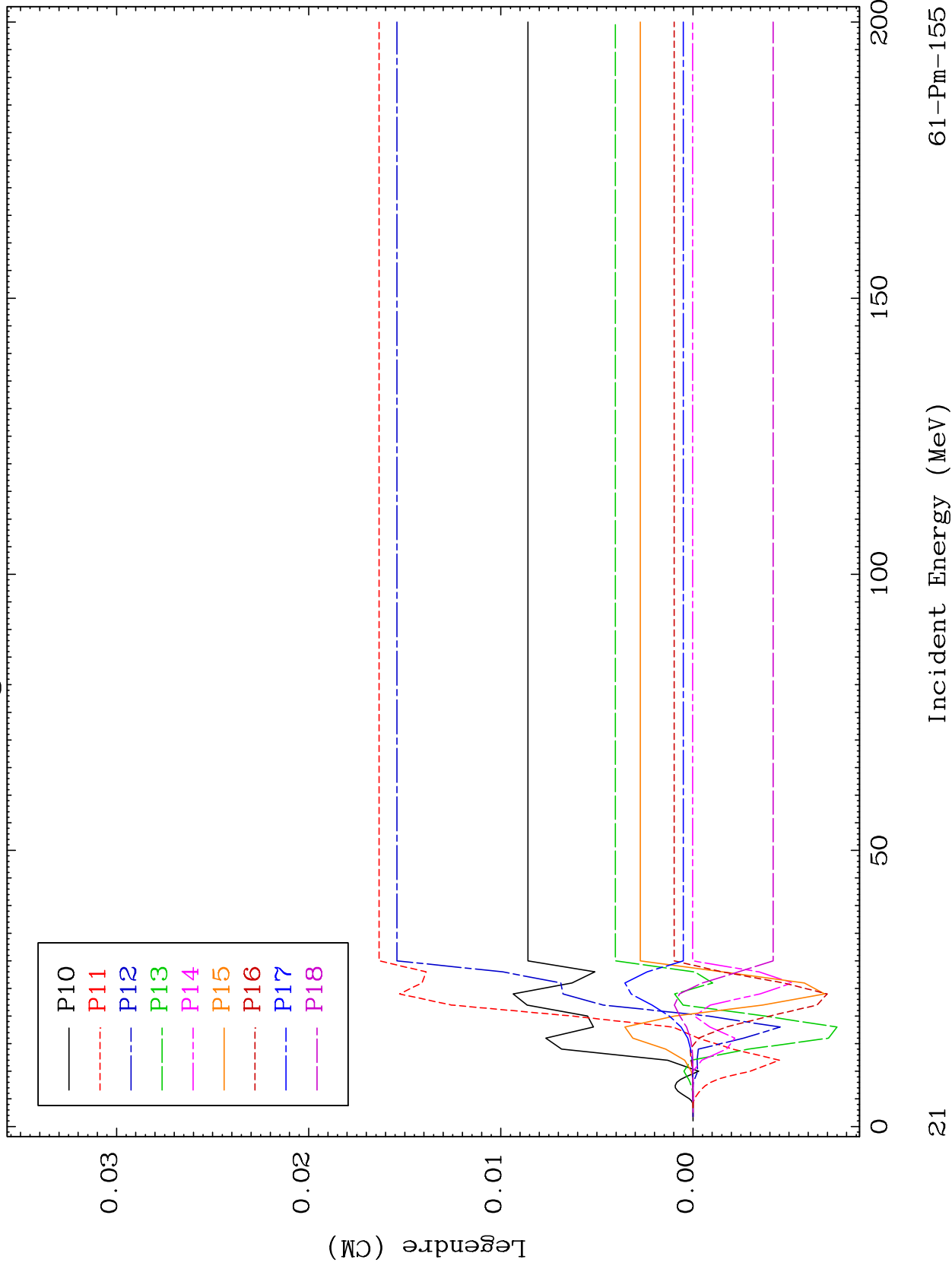
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



21

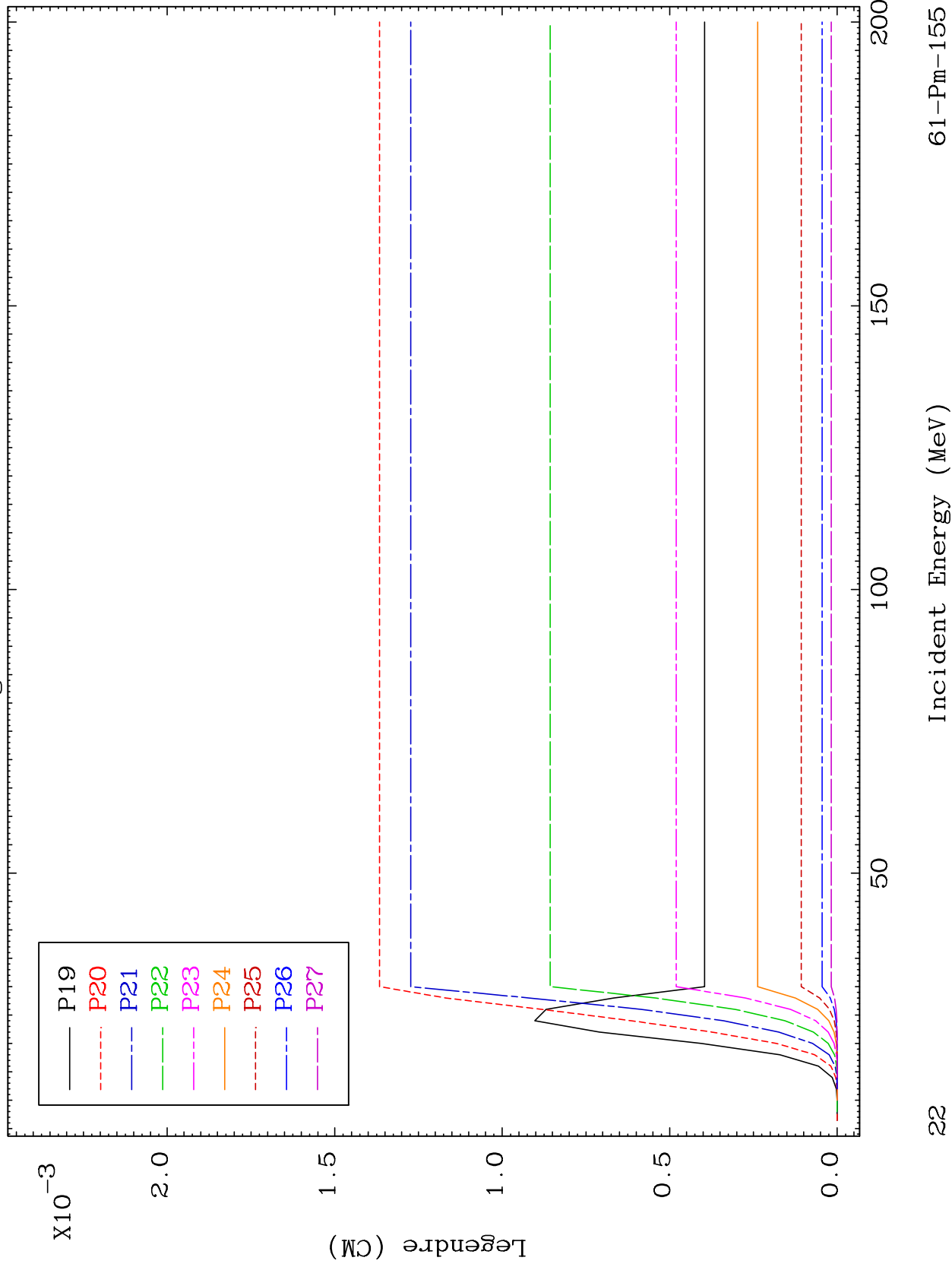
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

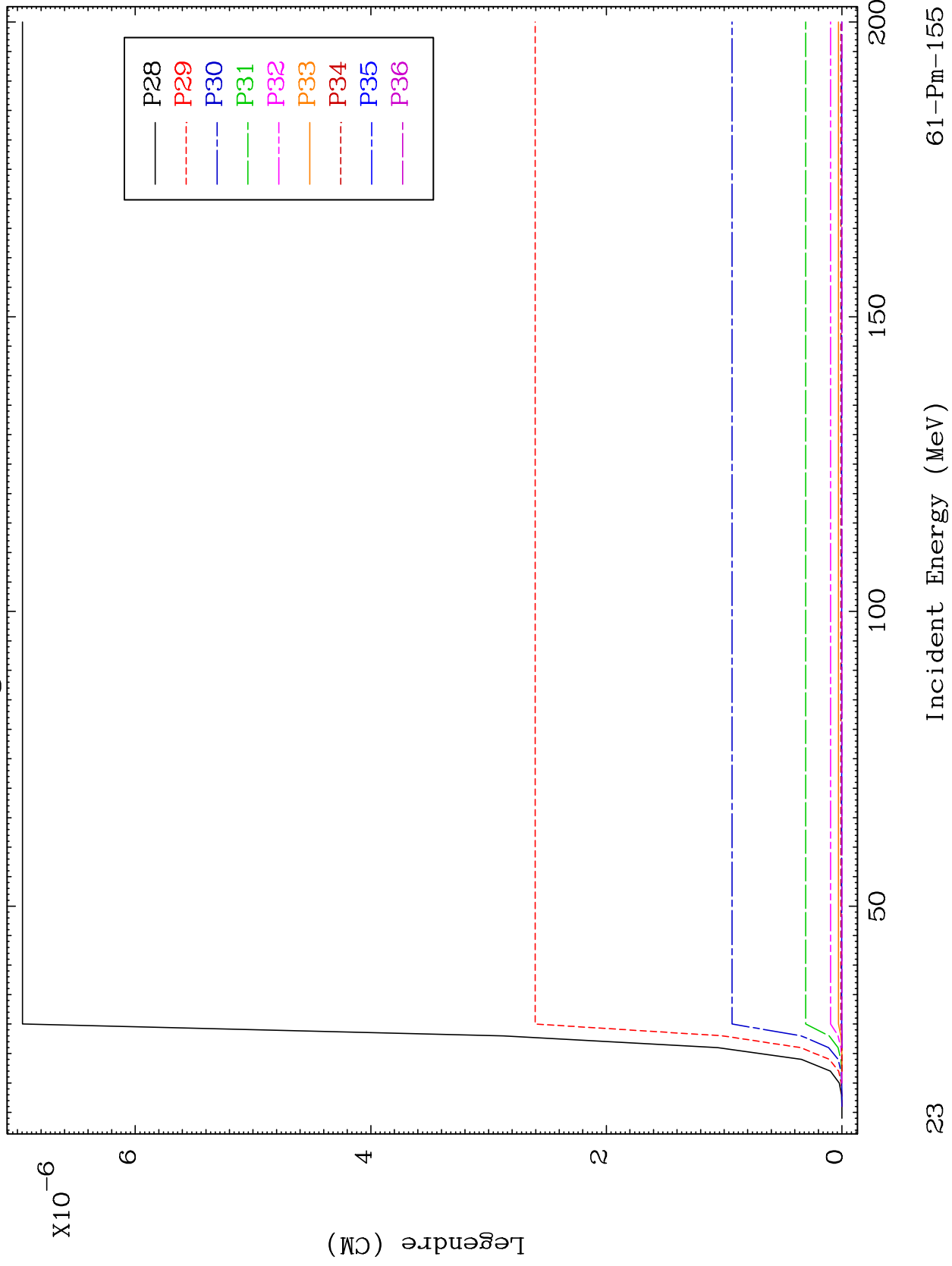
61-Pm-155



MAT 6173

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

61-Pm-155



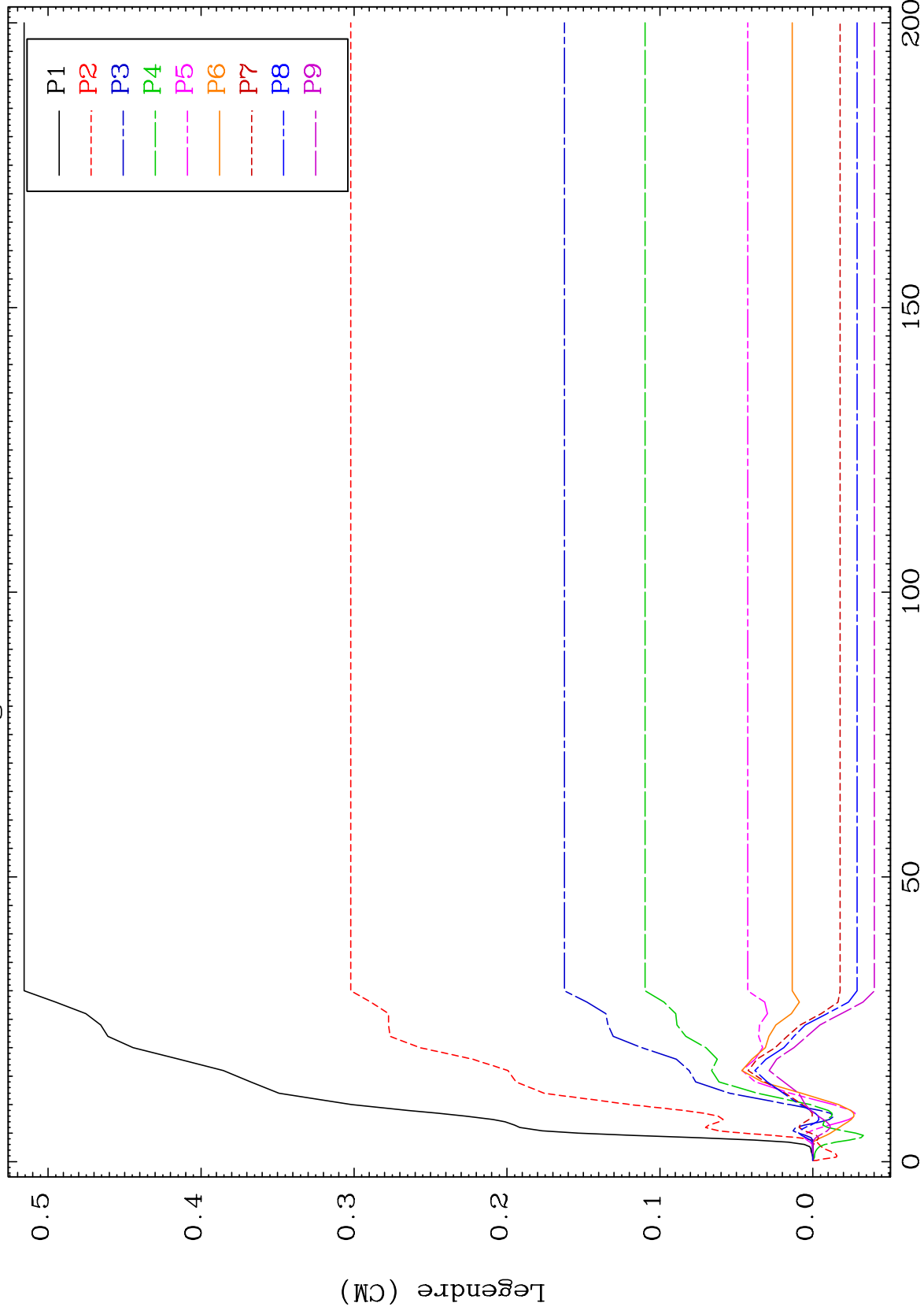
23

61-Pm-155

MAT 6173

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

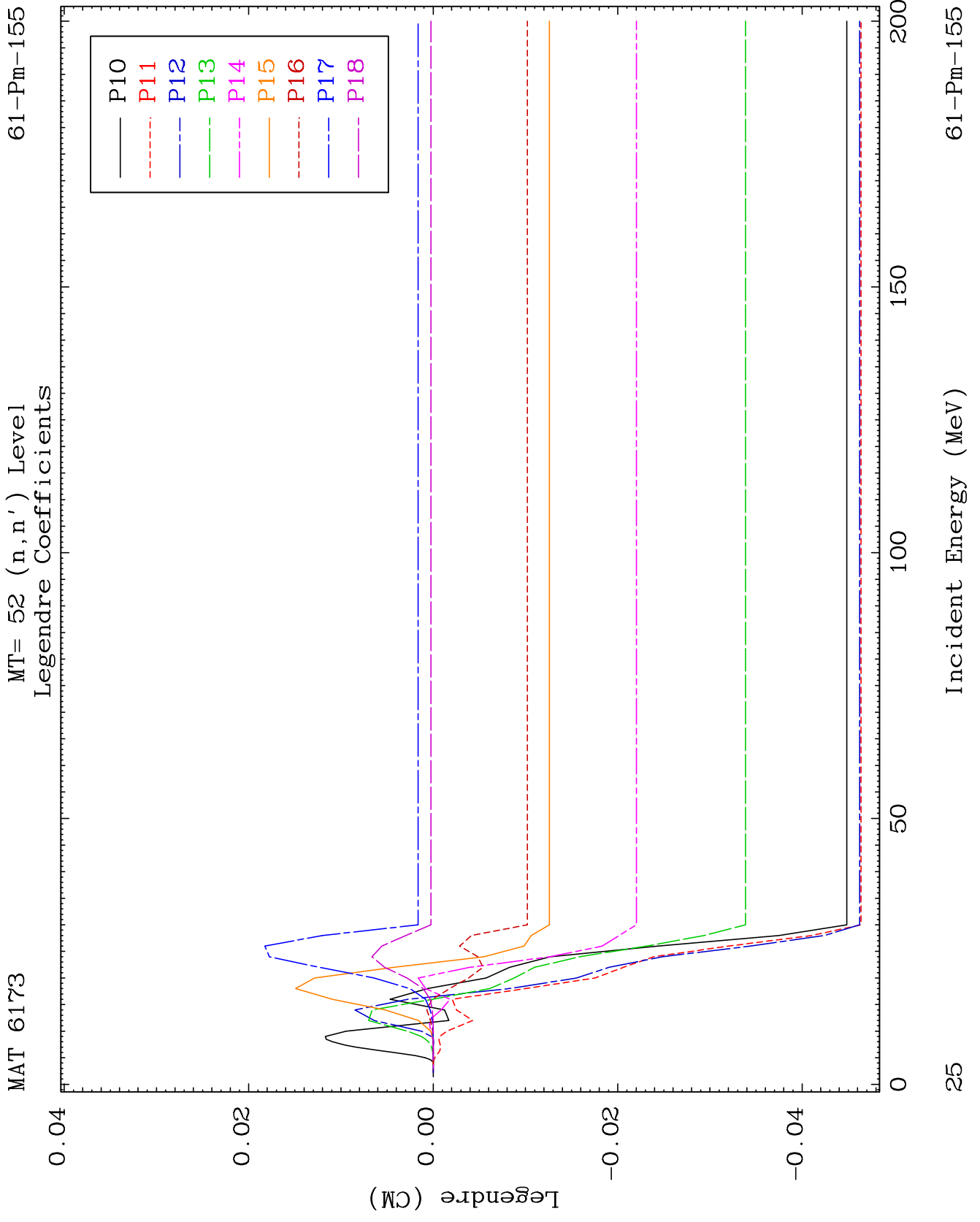
61-Pm-155



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Incident Energy (MeV)

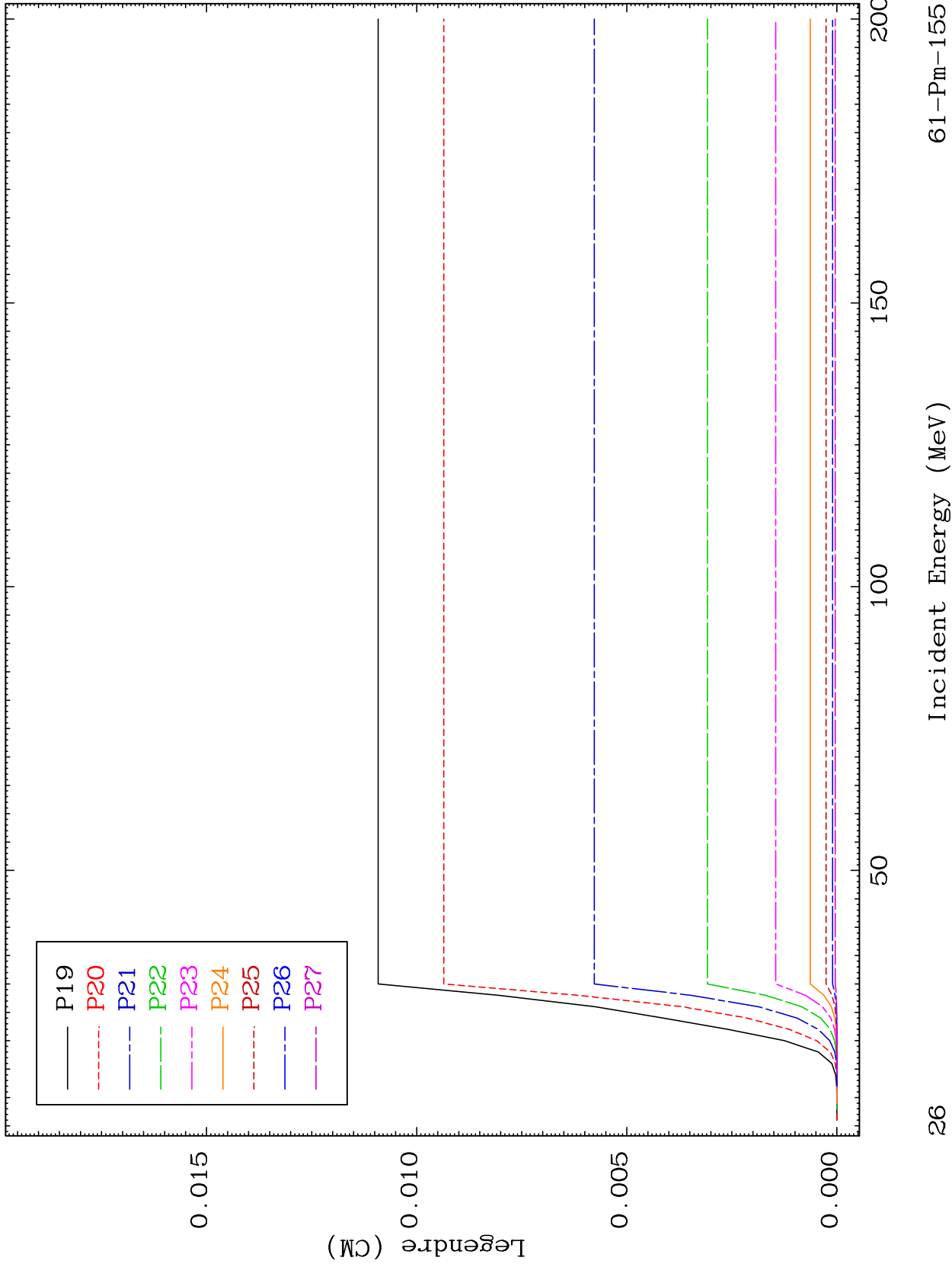
61-Pm-155



MAT 6173

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

61-Pm-155



26

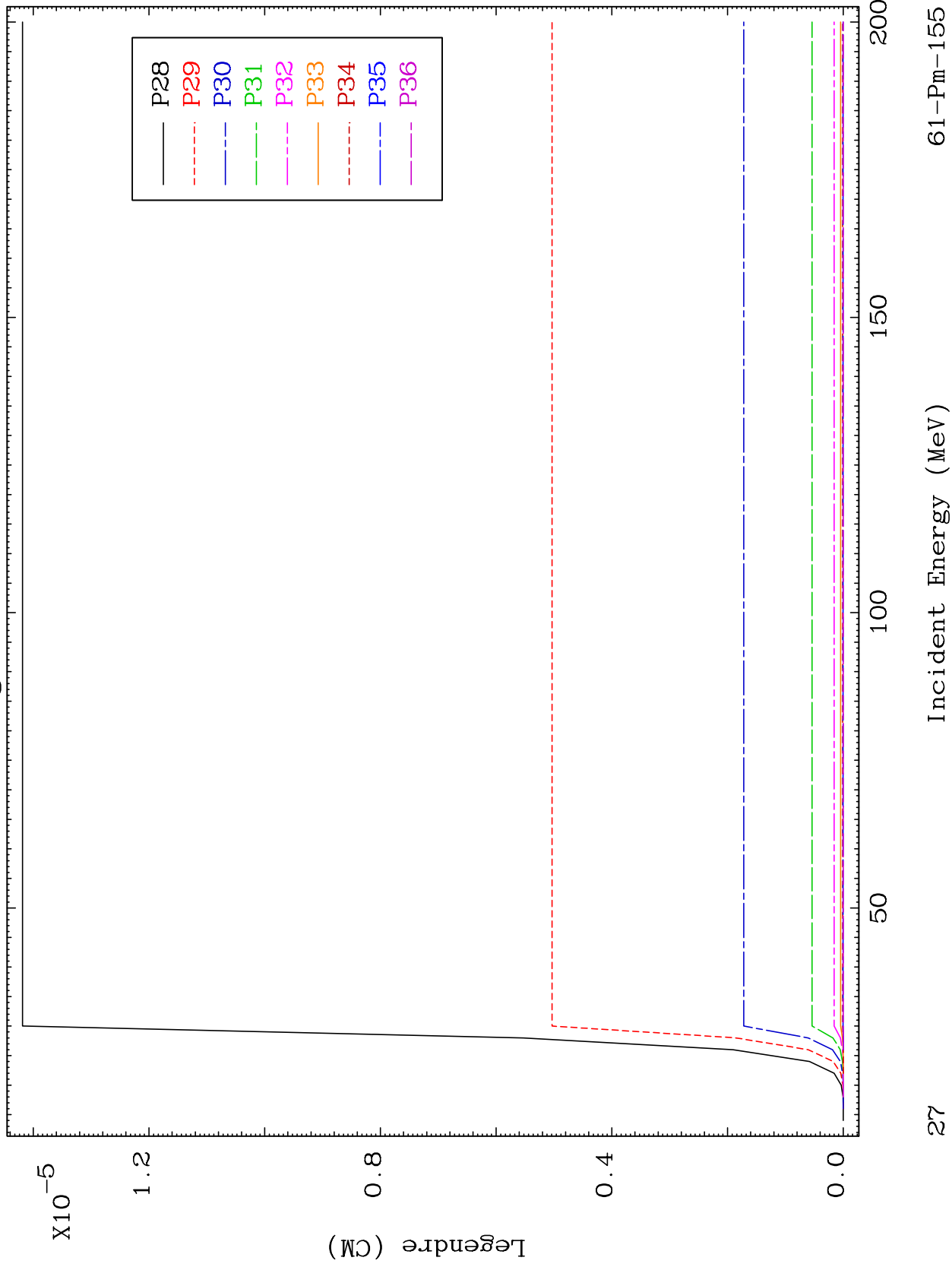
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

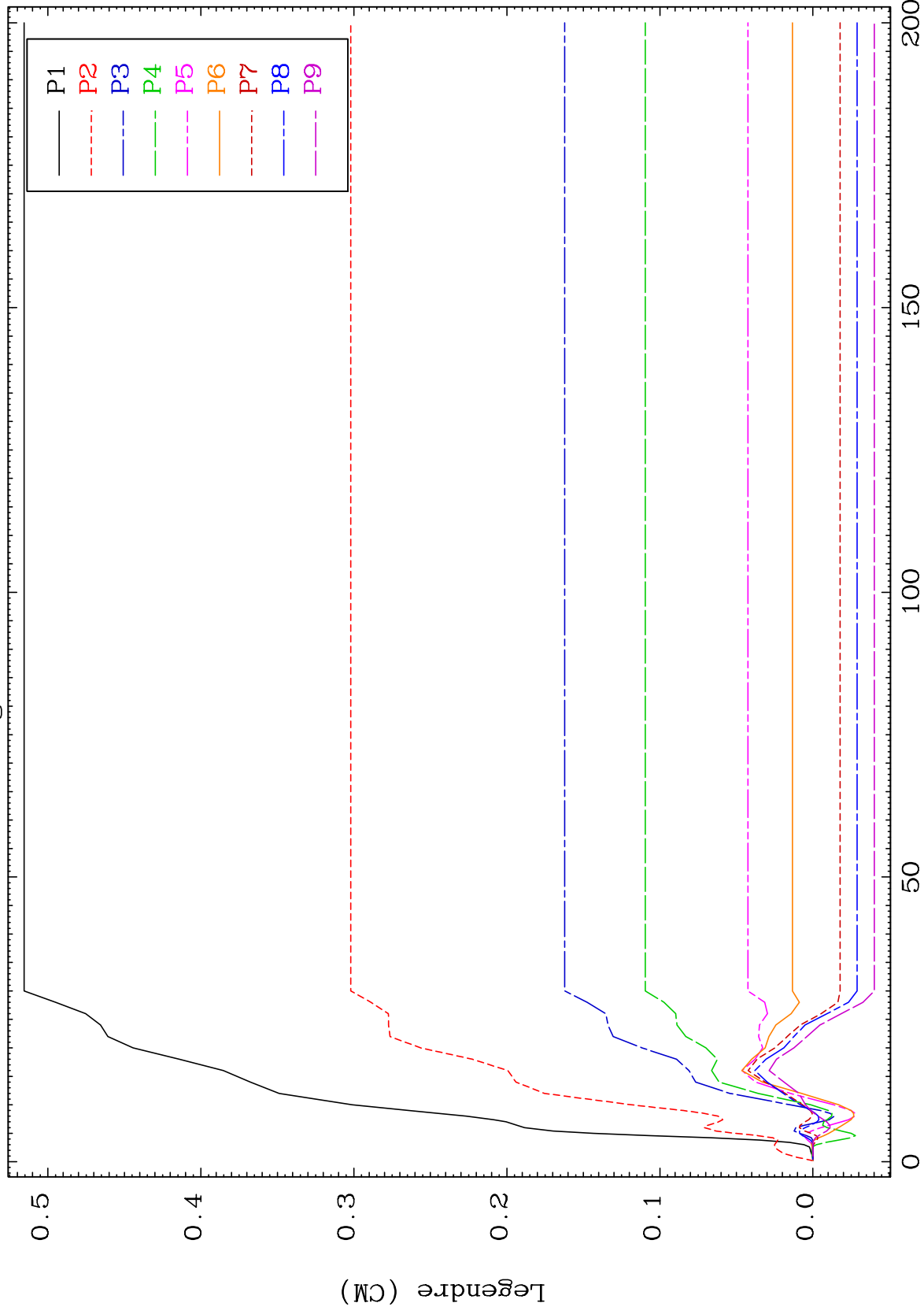
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MAT 6173

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

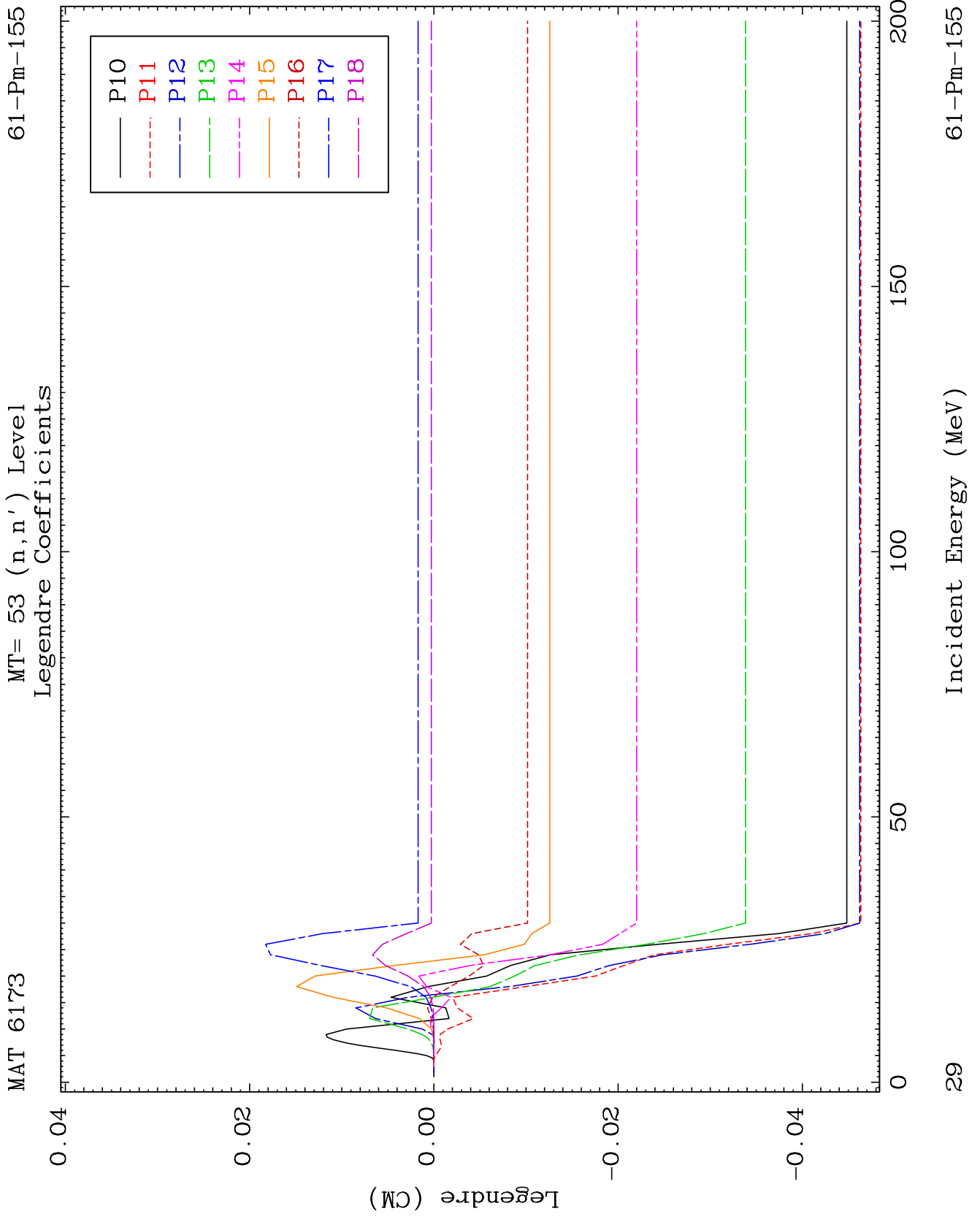
61-Pm-155



28

Incident Energy (MeV)

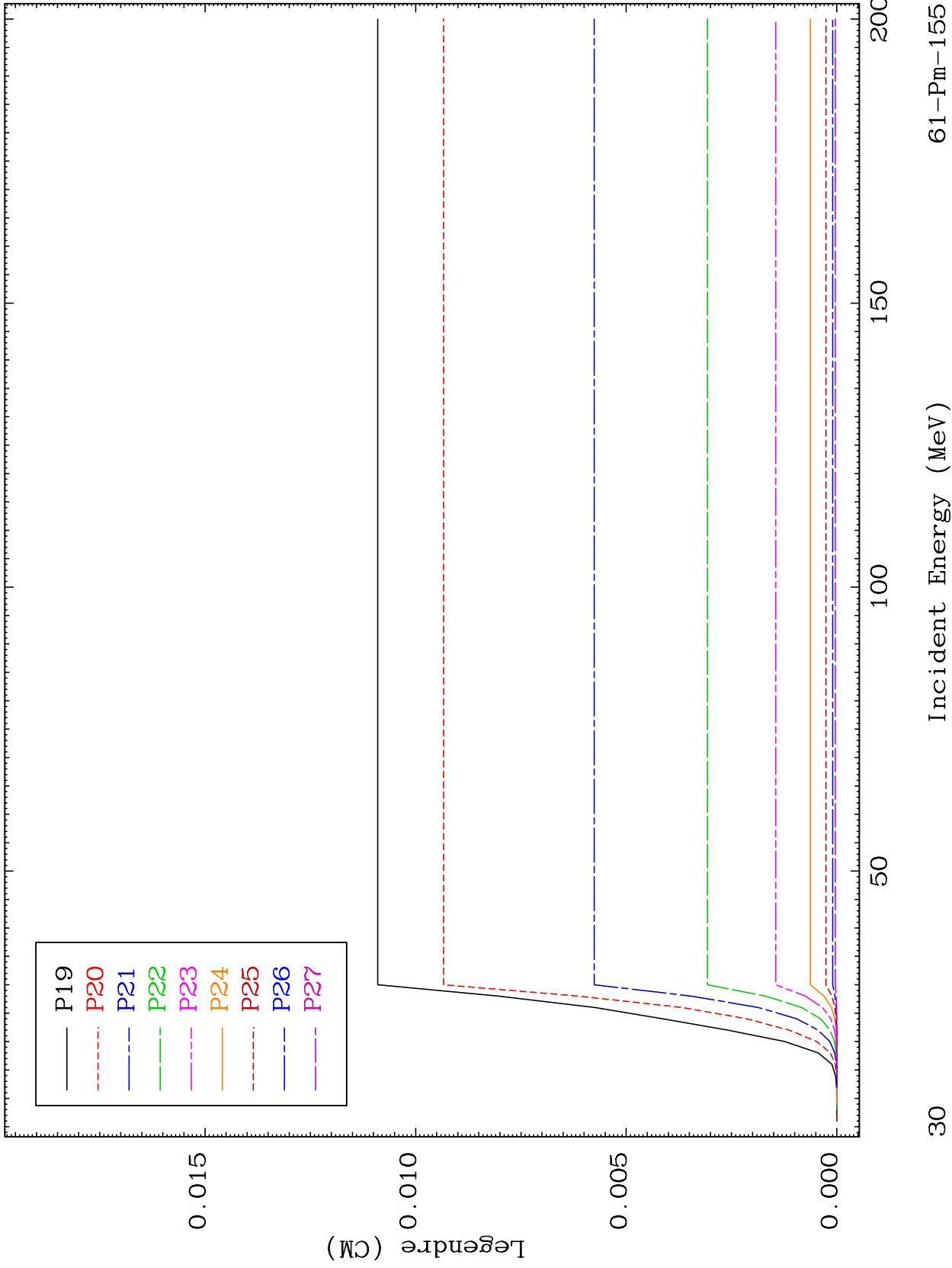
61-Pm-155



MAT 6173

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

61-Pm-155



30

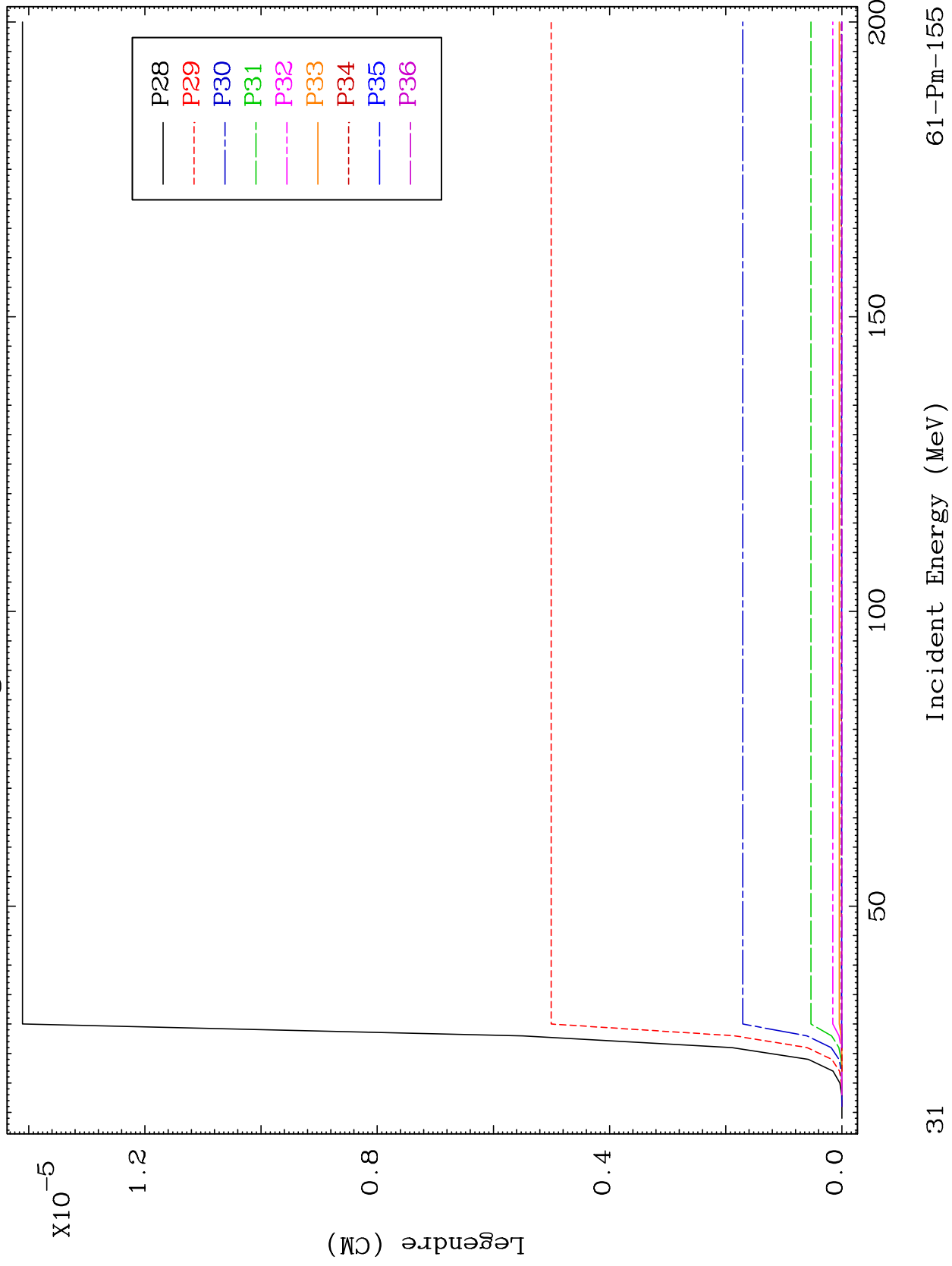
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



31

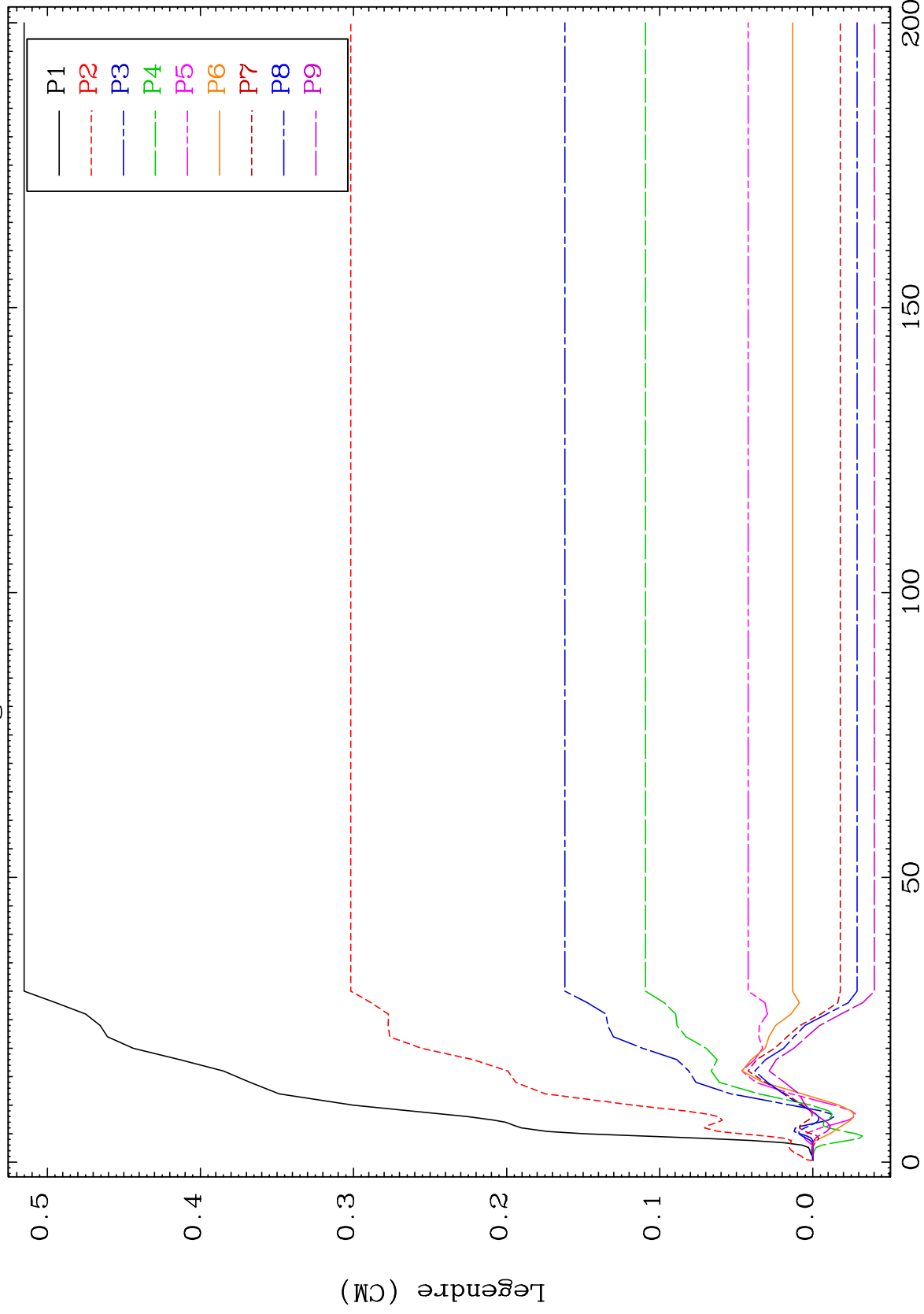
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



32

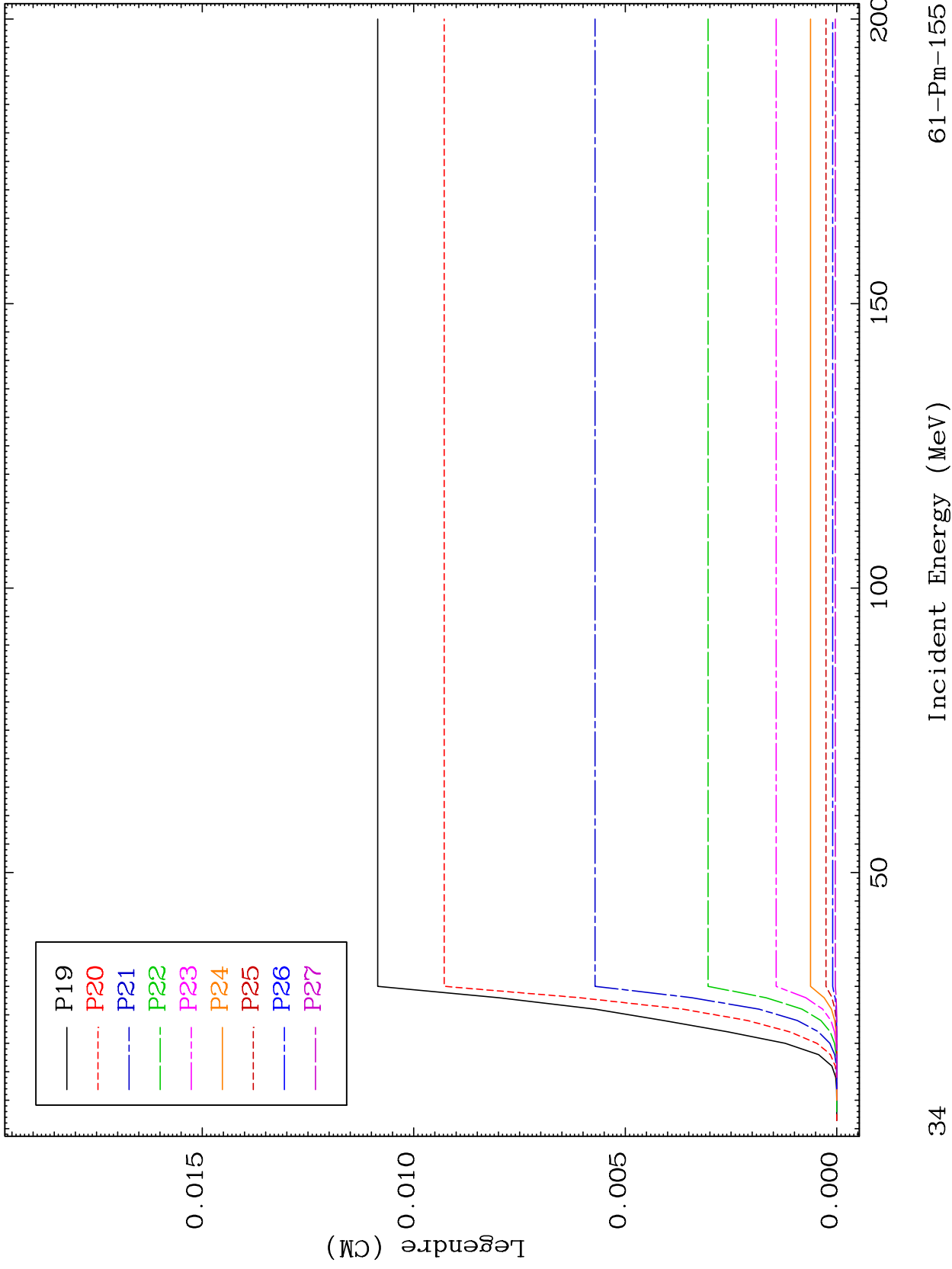
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



34

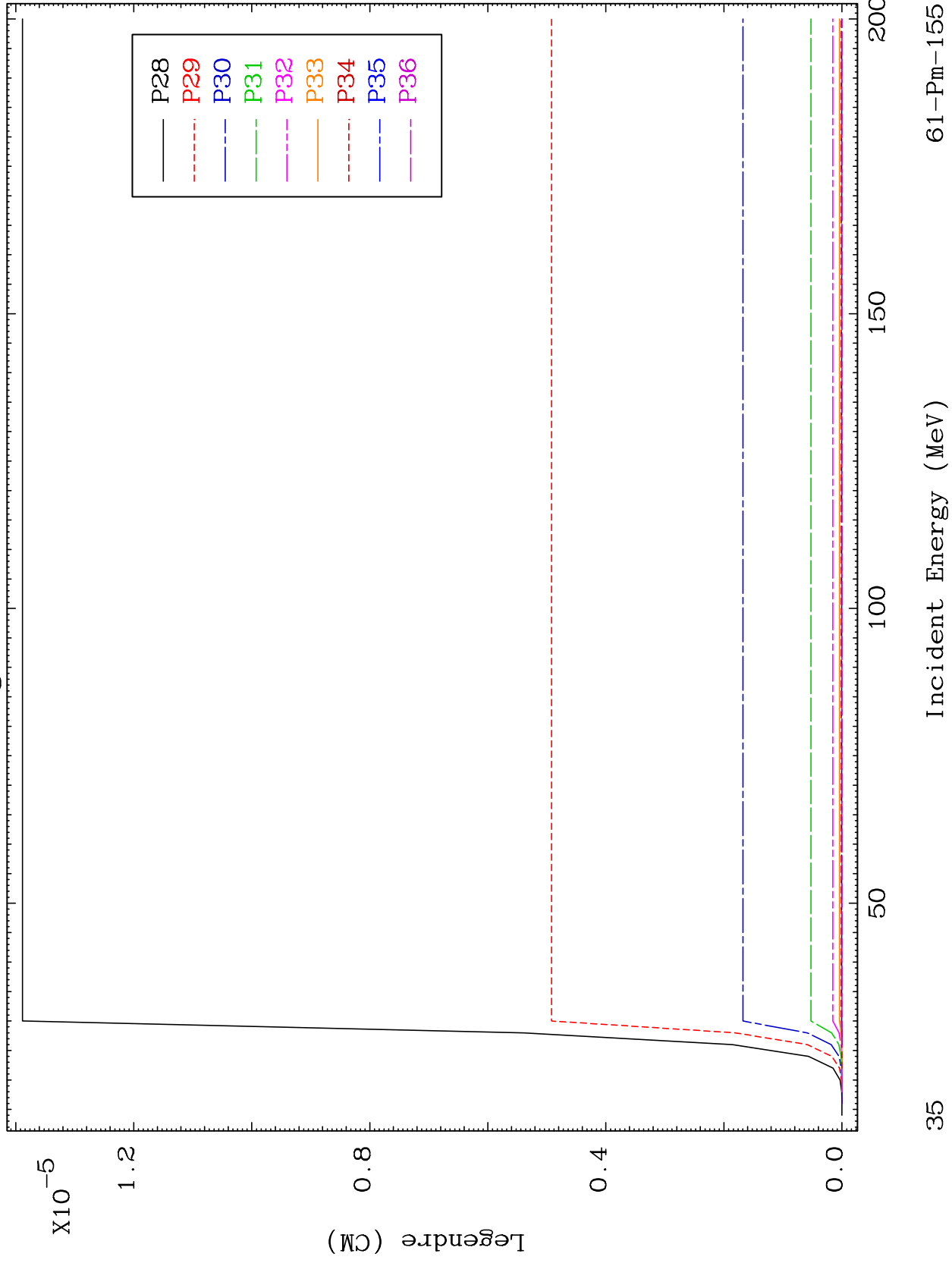
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

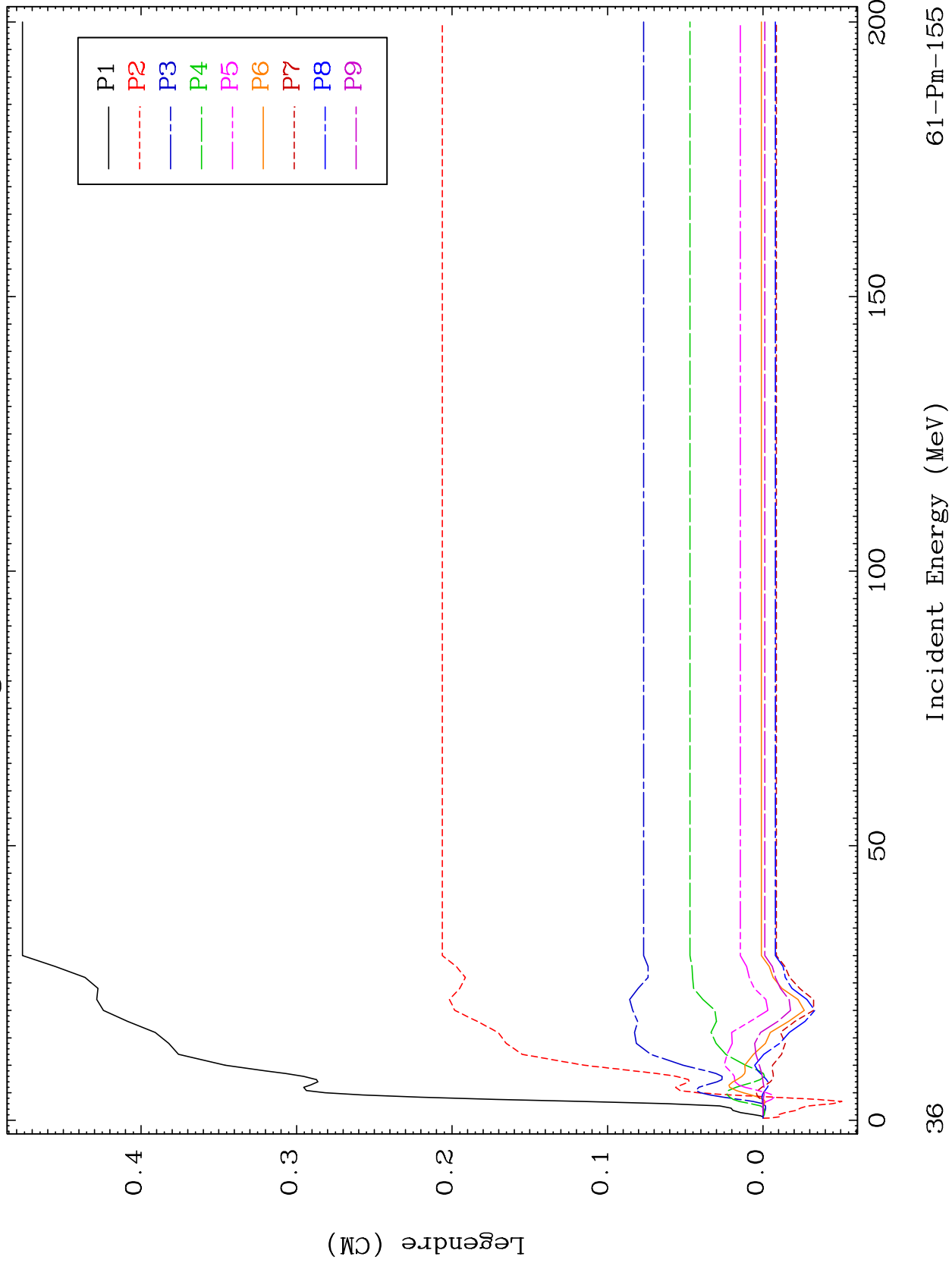
61-Pm-155



MAT 6173

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

61-Pm-155



61-Pm-155

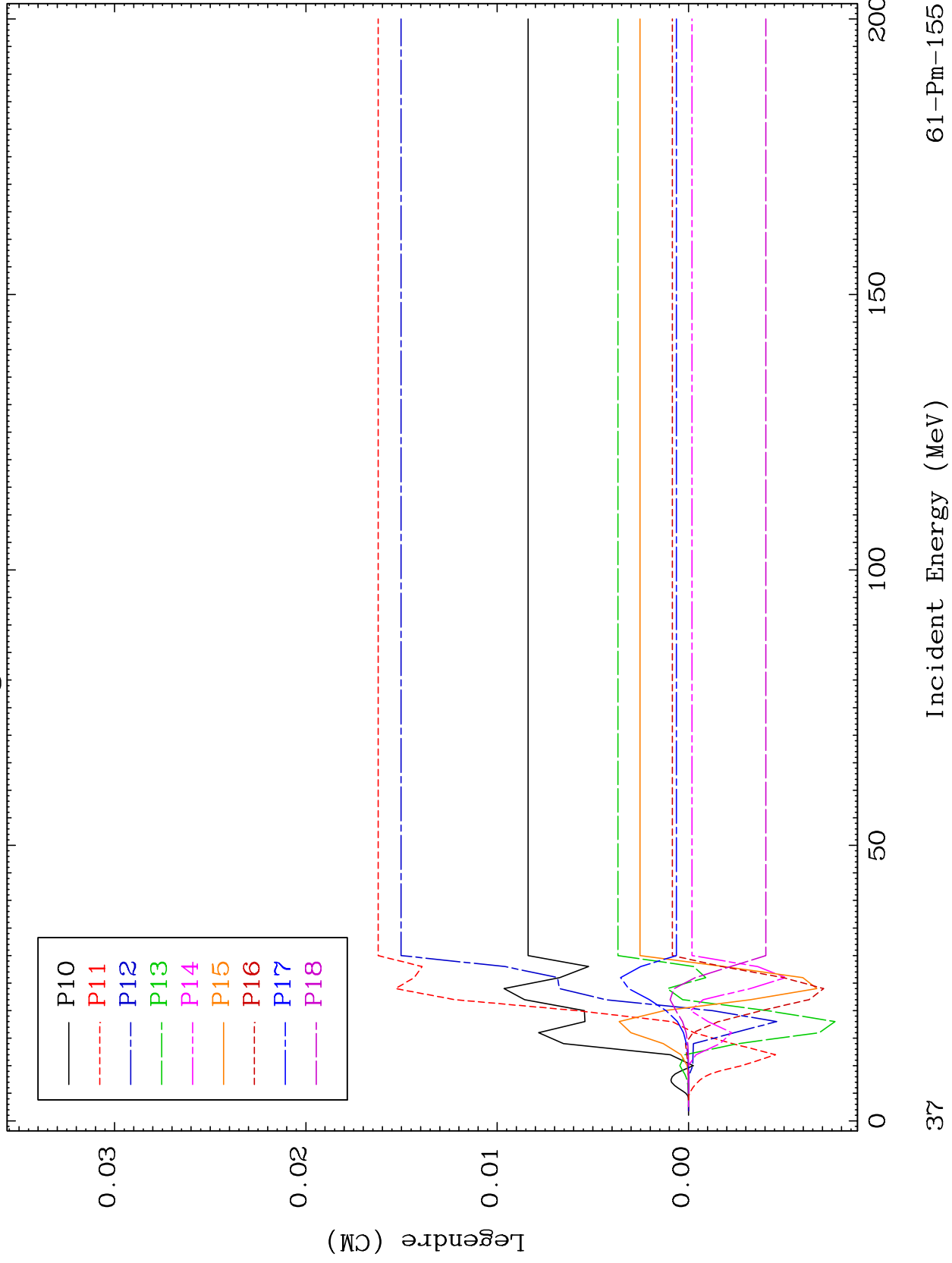
Incident Energy (MeV)

36

MAT 6173

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

61-Pm-155



37

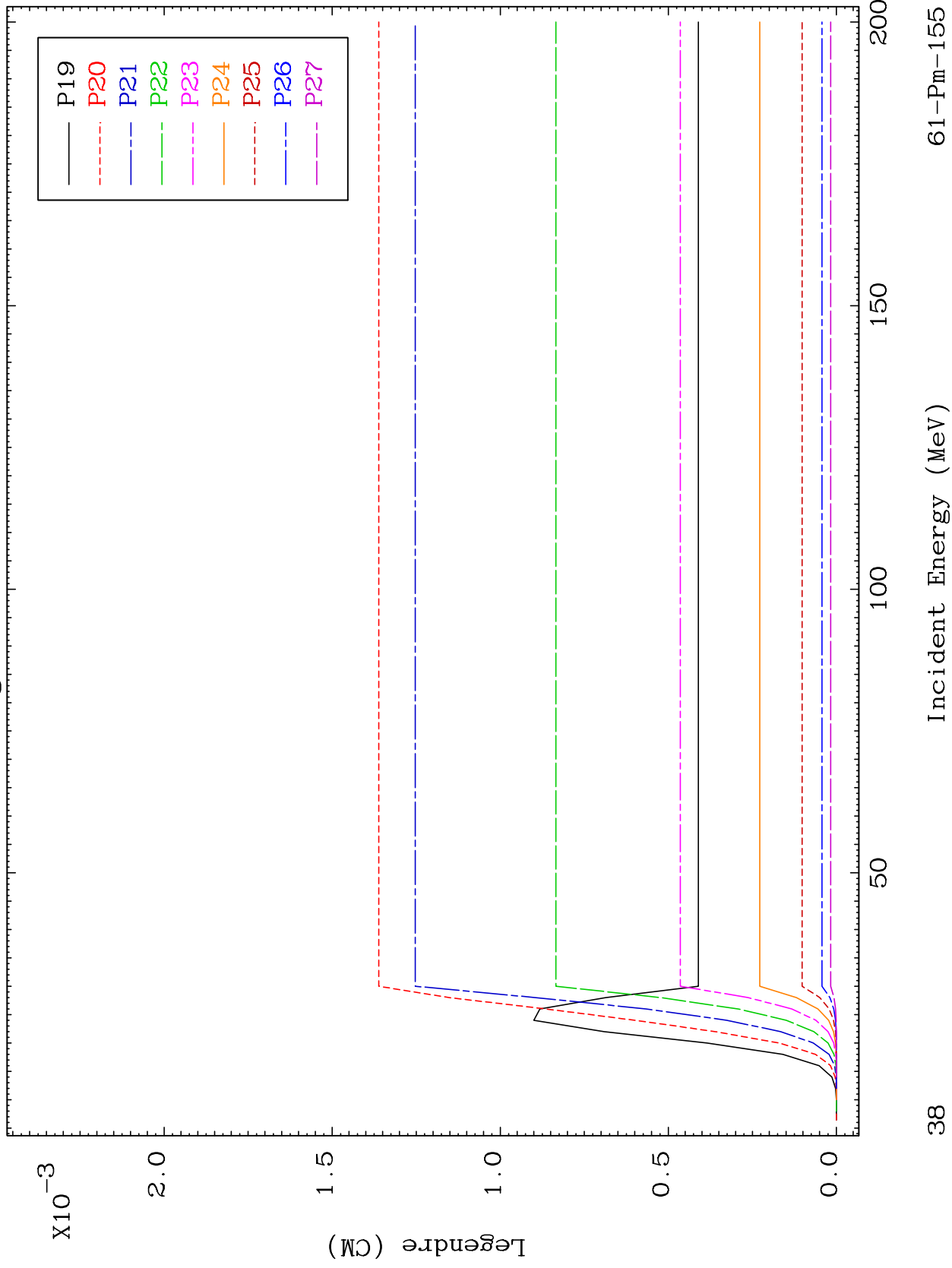
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



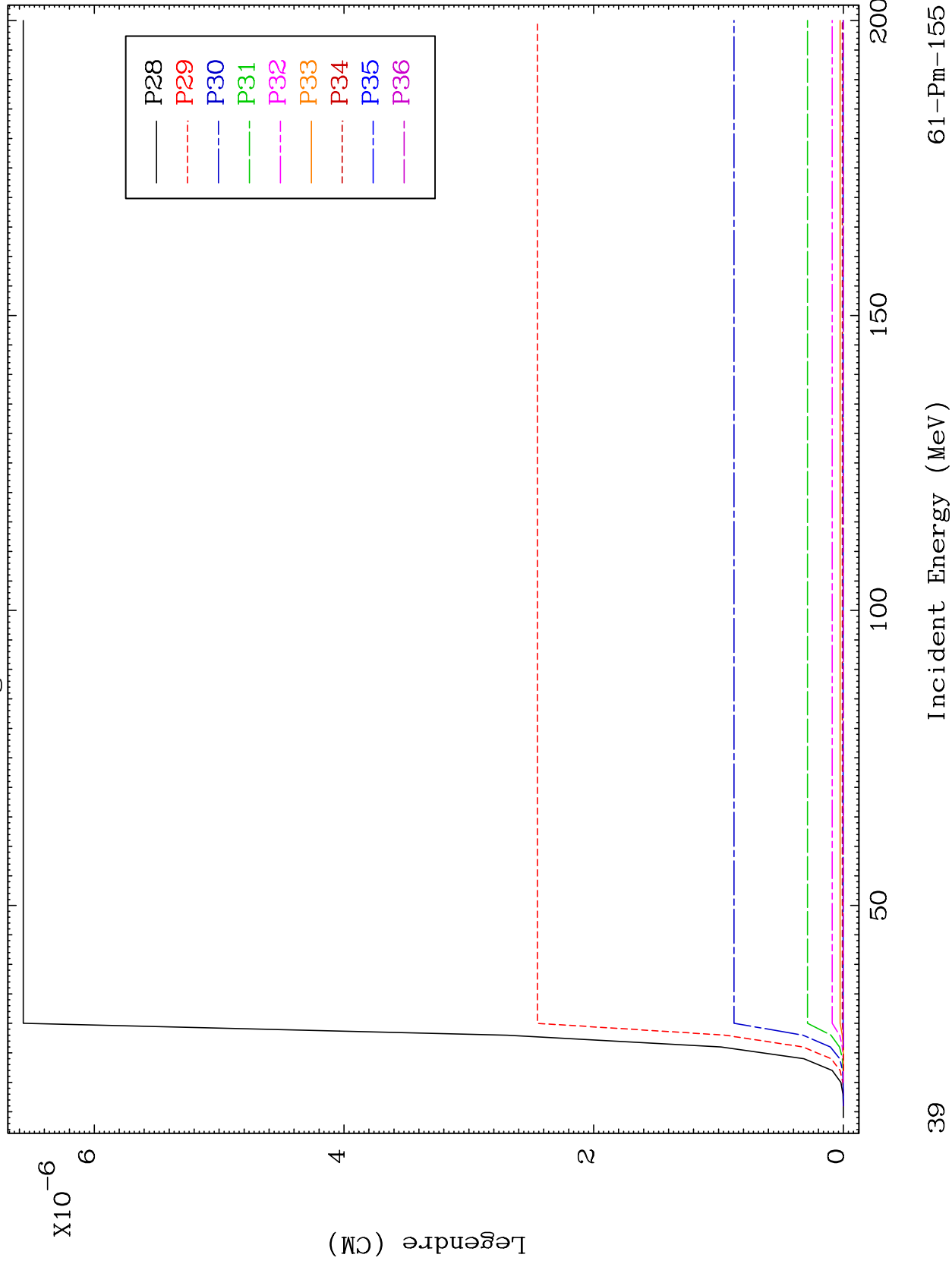
38

61-Pm-155

MAT 6173

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

61-Pm-155



39

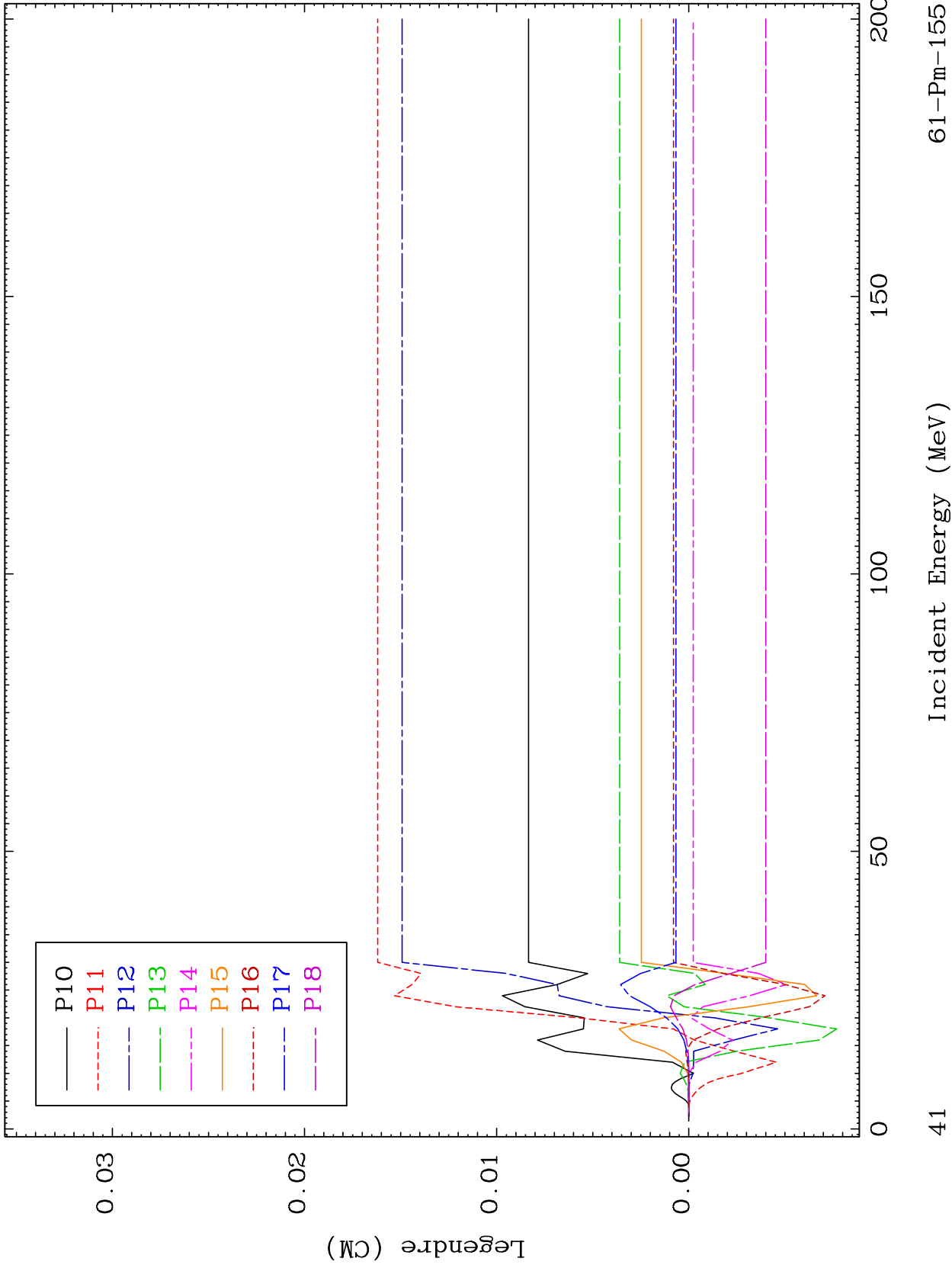
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



41

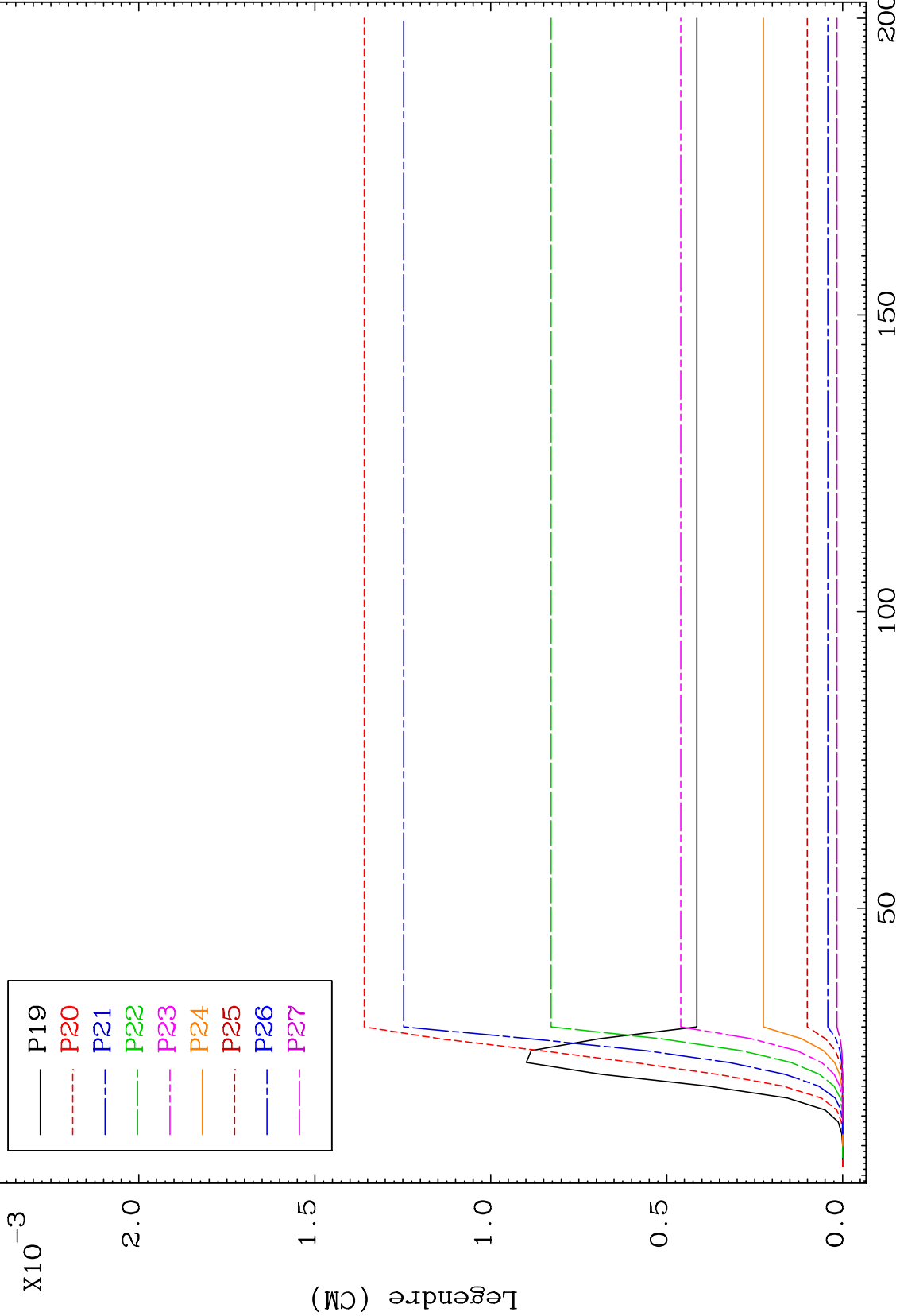
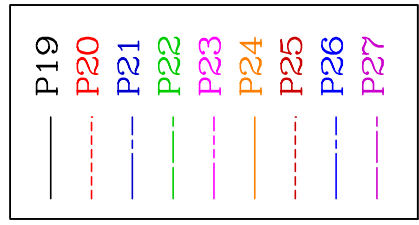
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



42

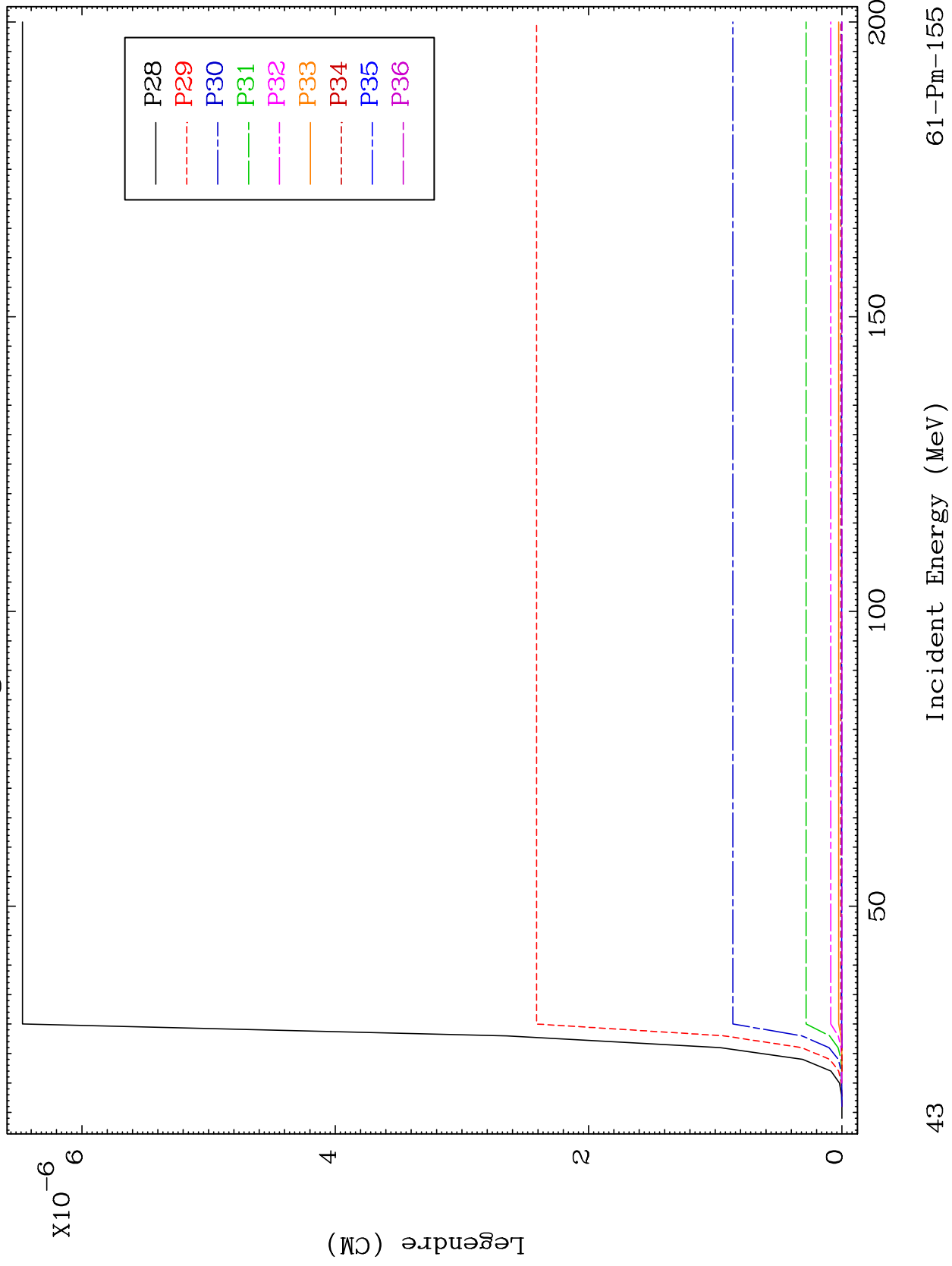
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

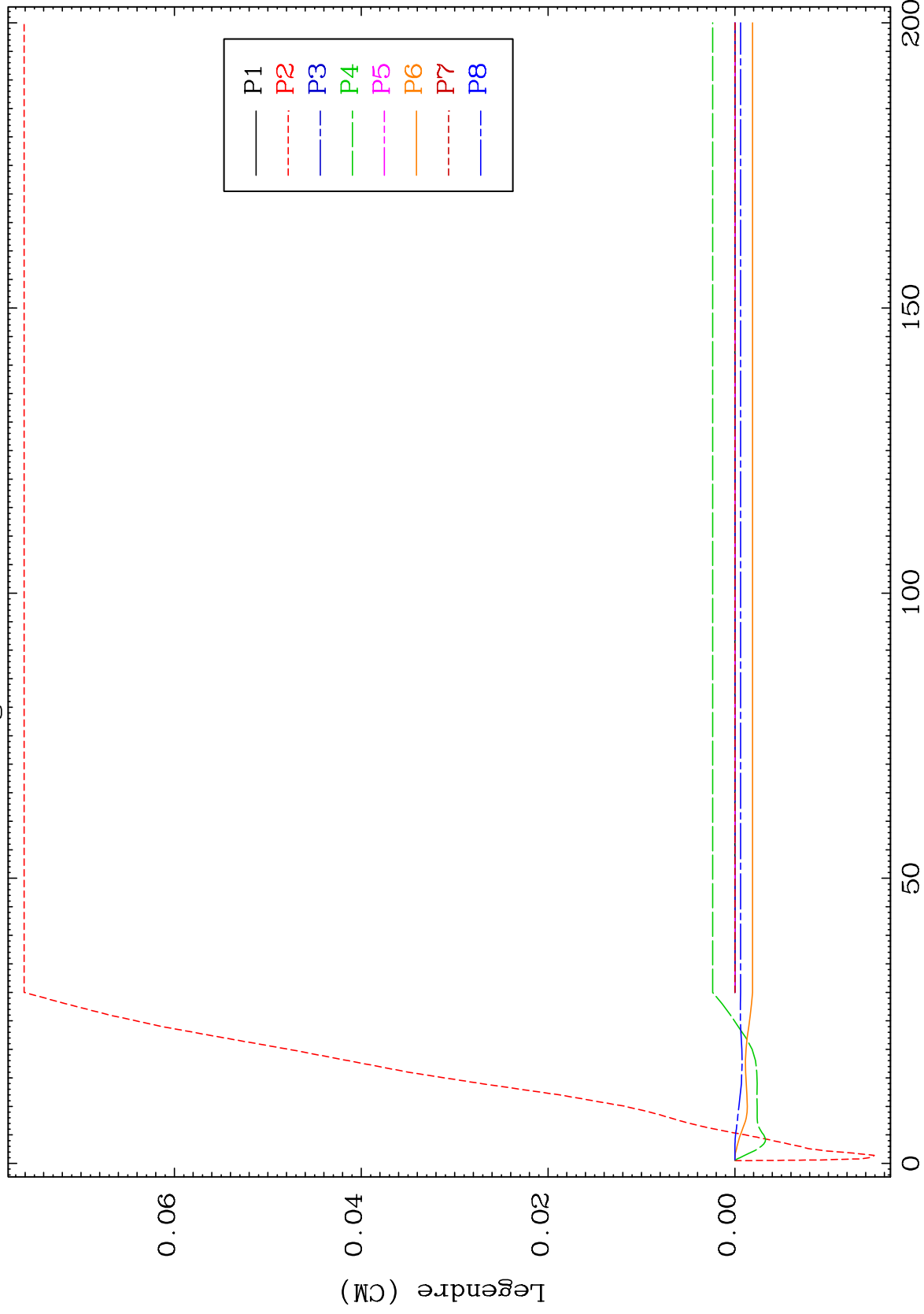
61-Pm-155



MAT 6173

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

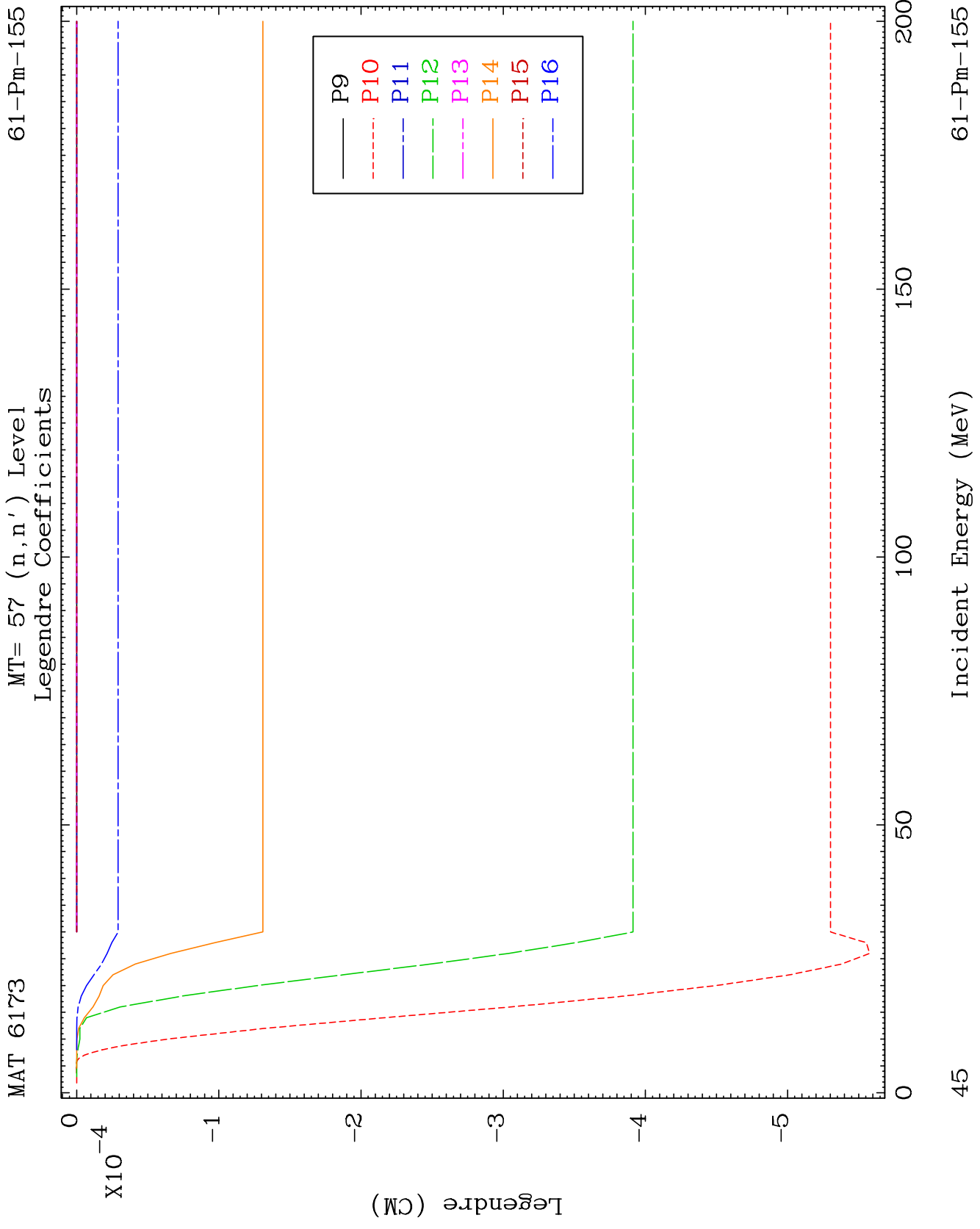
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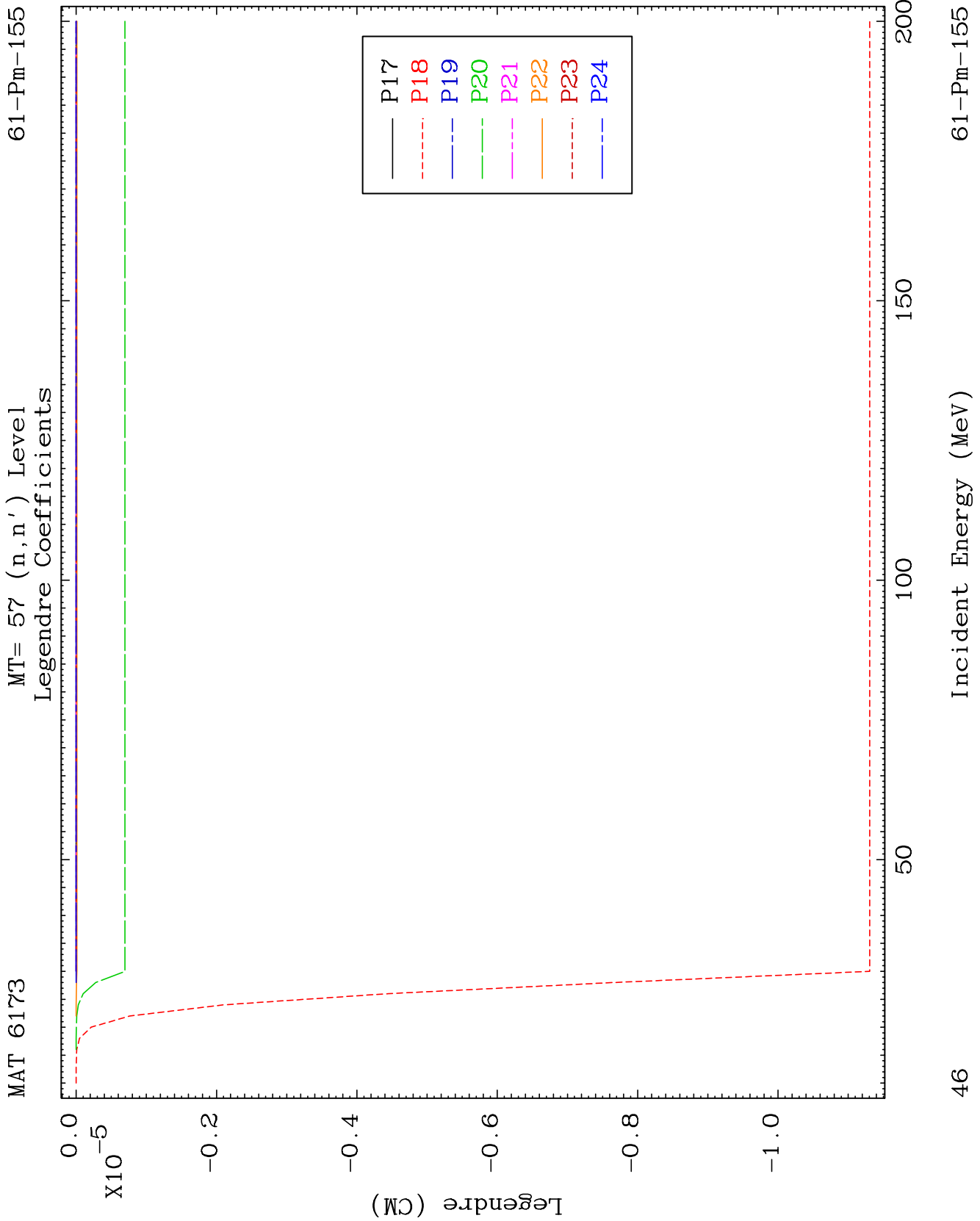


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Incident Energy (MeV)

61-Pm-155

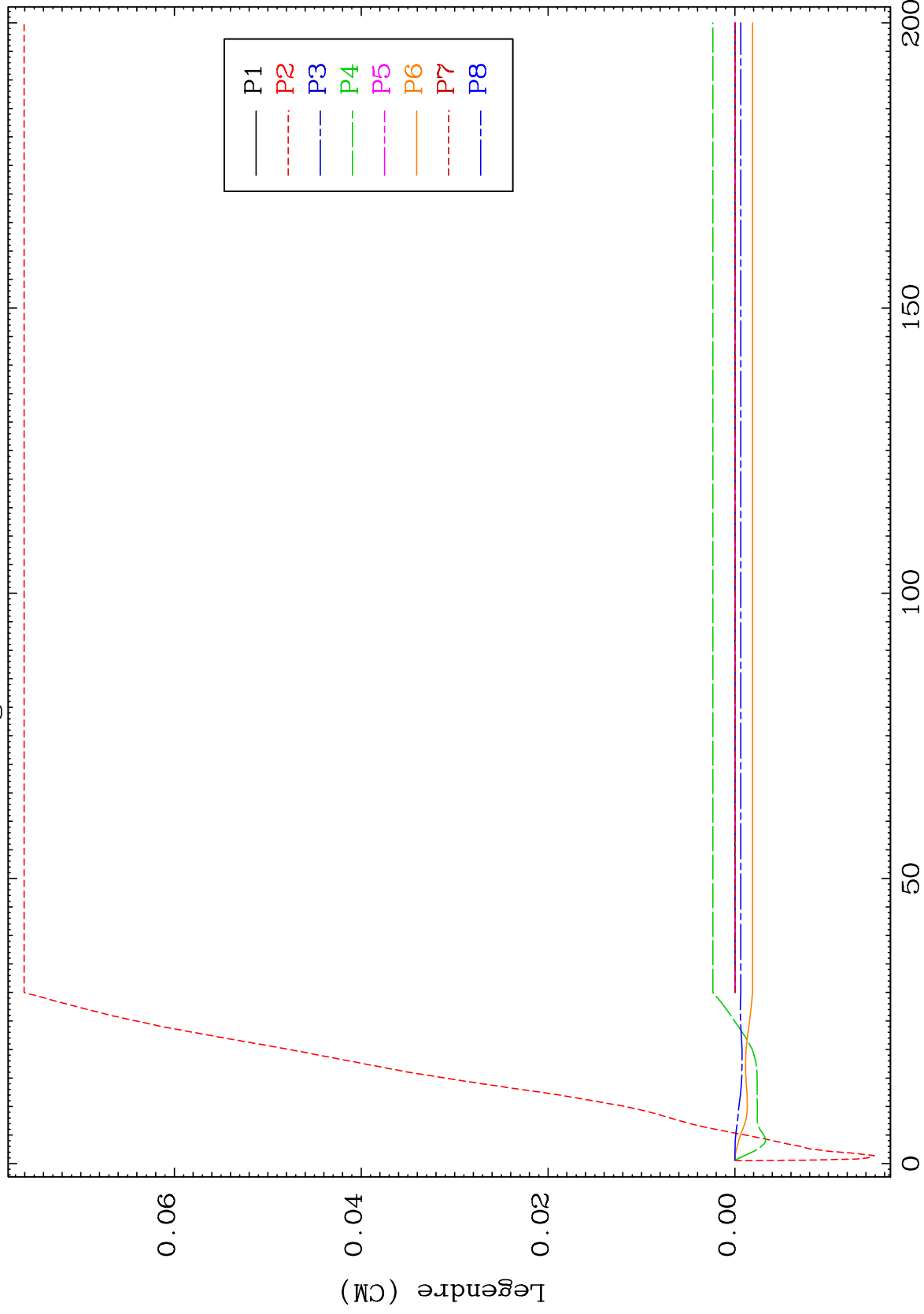




MAT 6173

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

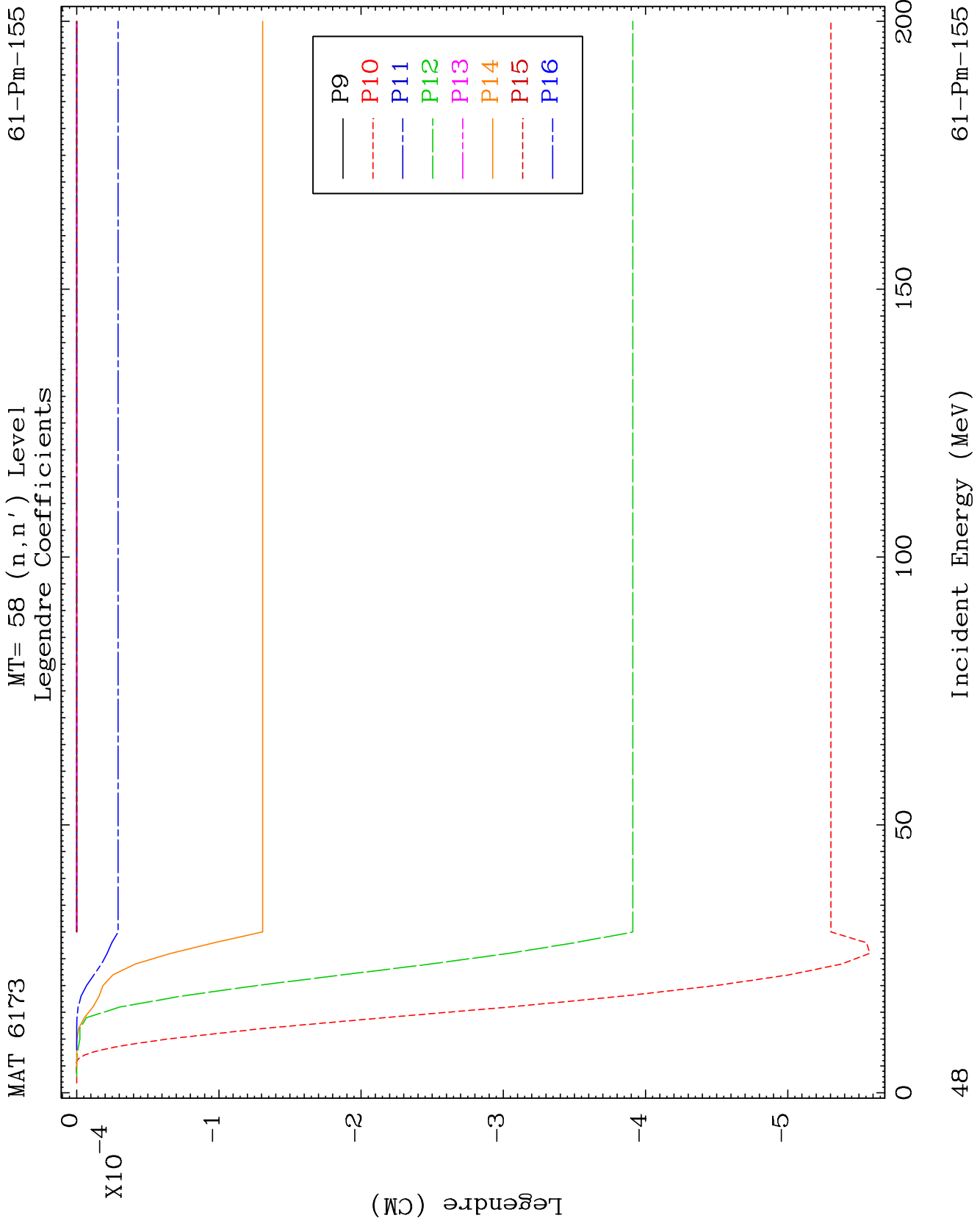
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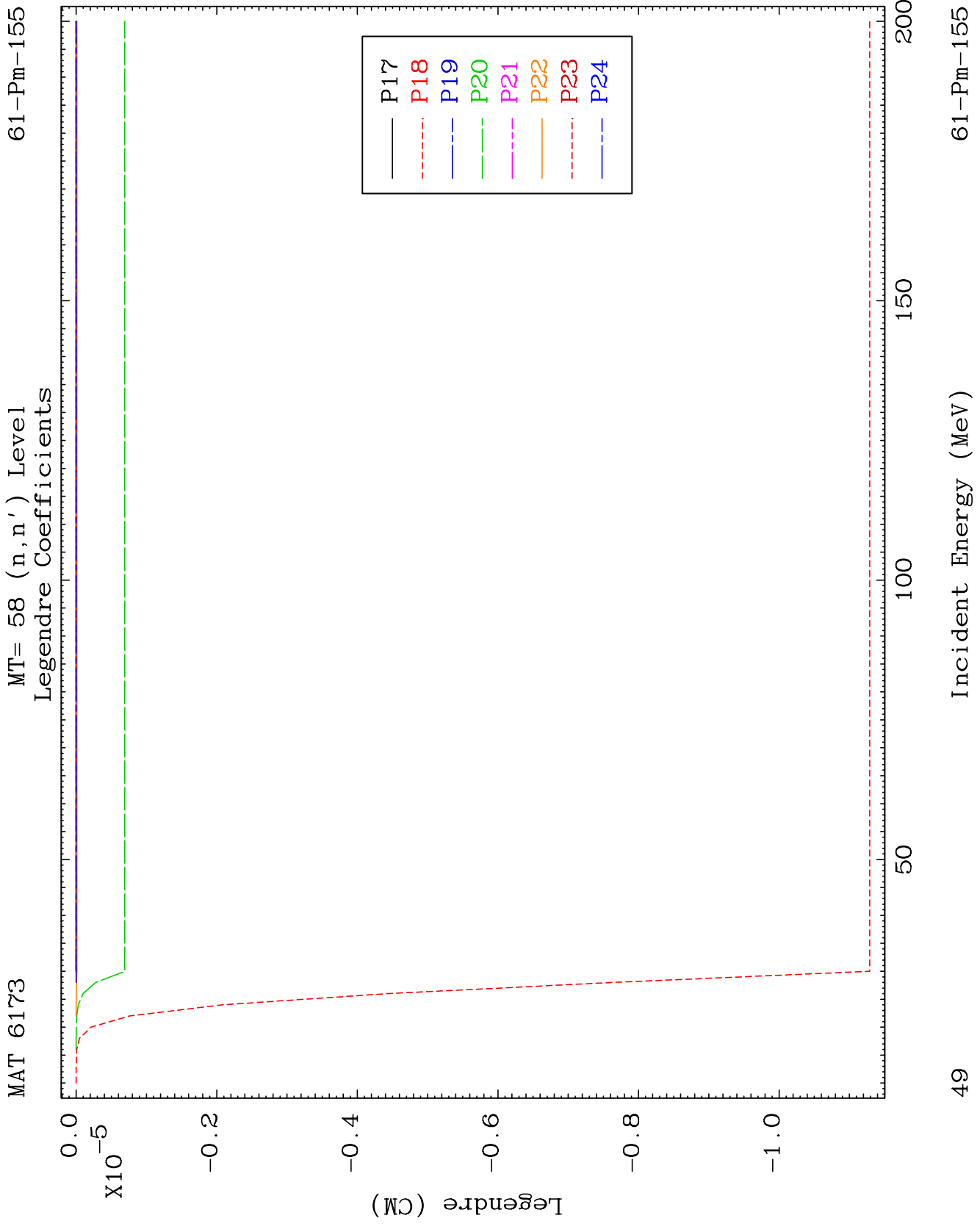


47

61-Pm-155

61-Pm-155

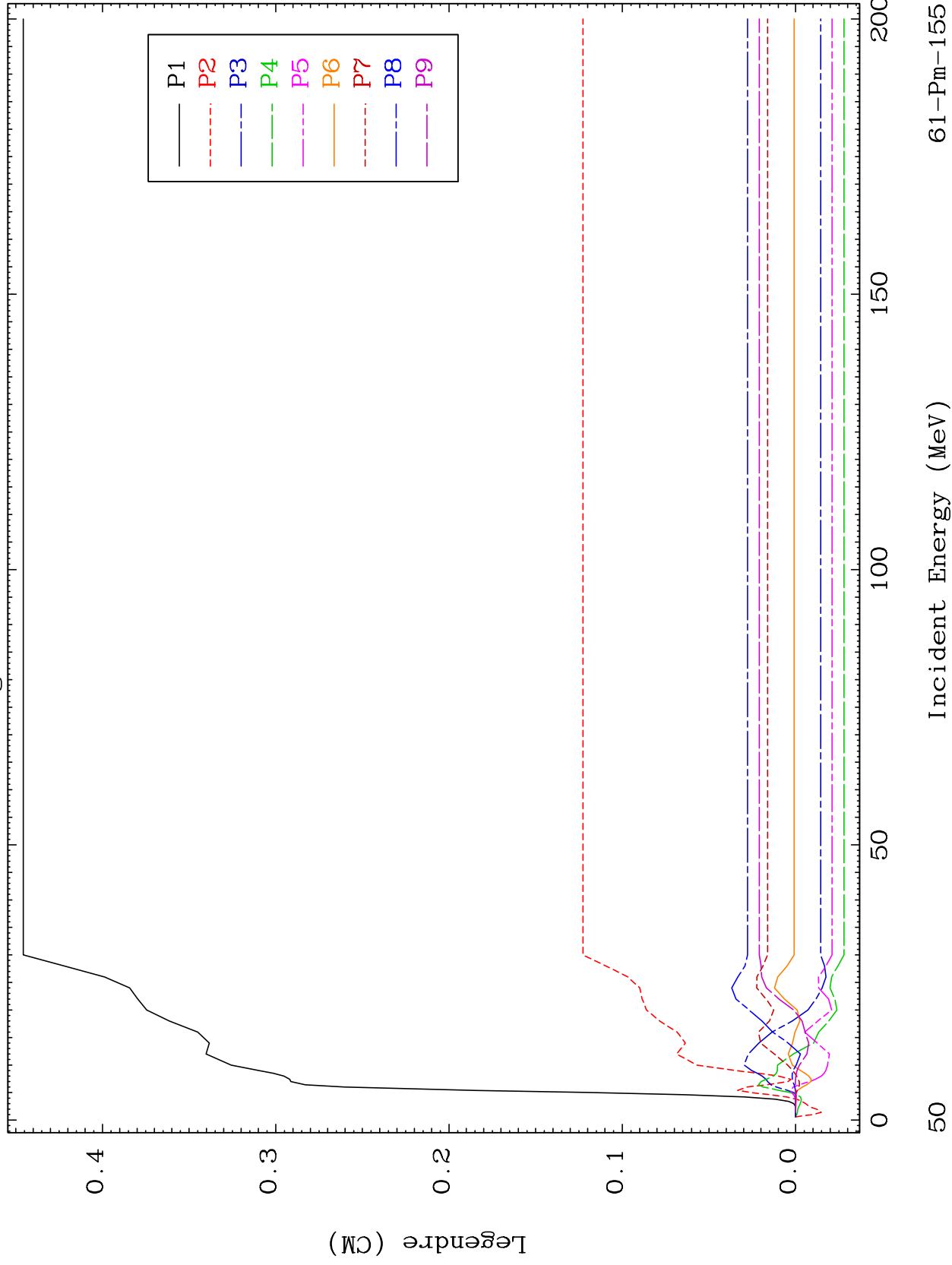




MAT 6173

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

61-Pm-155



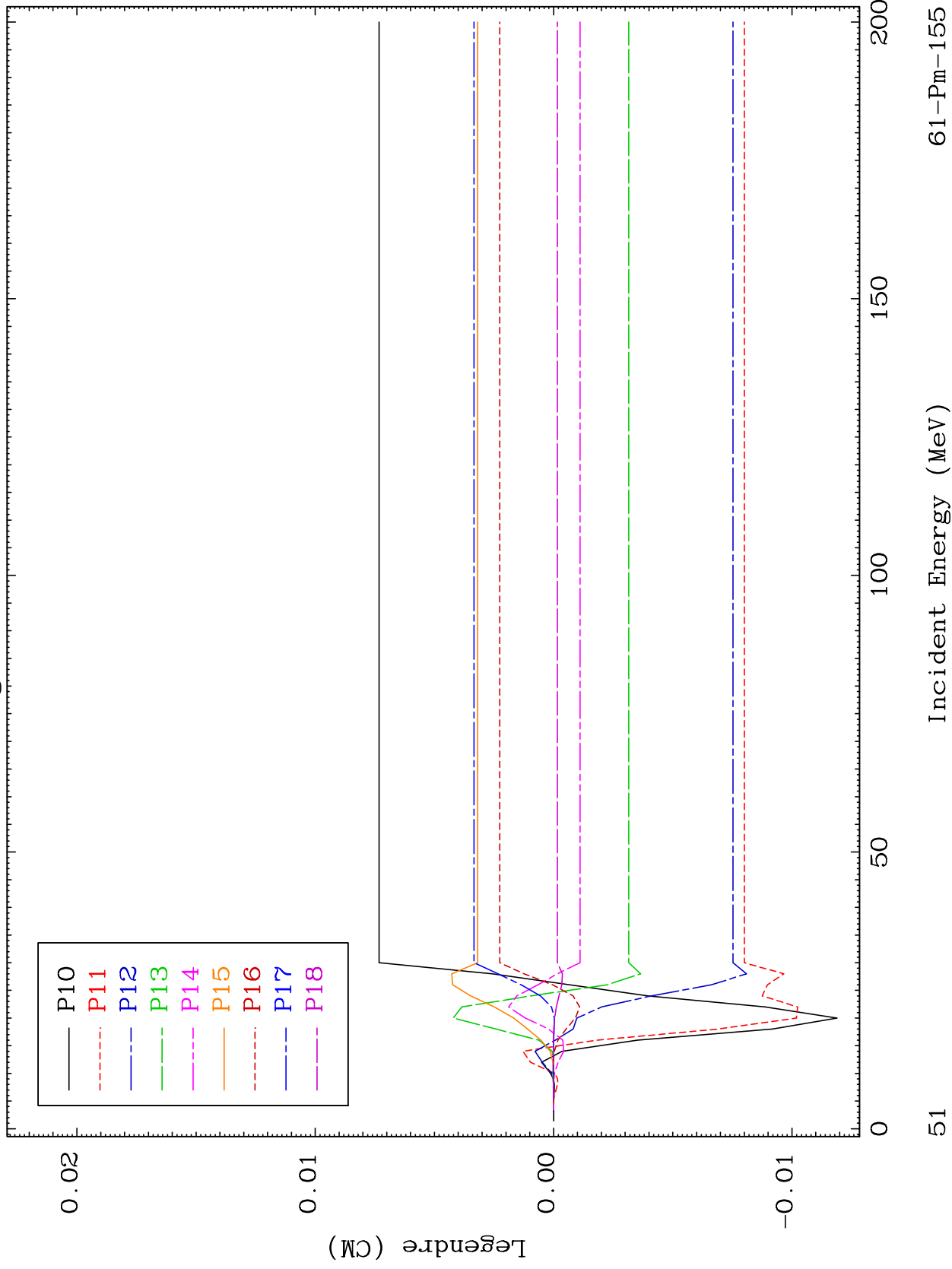
61-Pm-155

Incident Energy (MeV)

MAT 6173

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

61-Pm-155



51

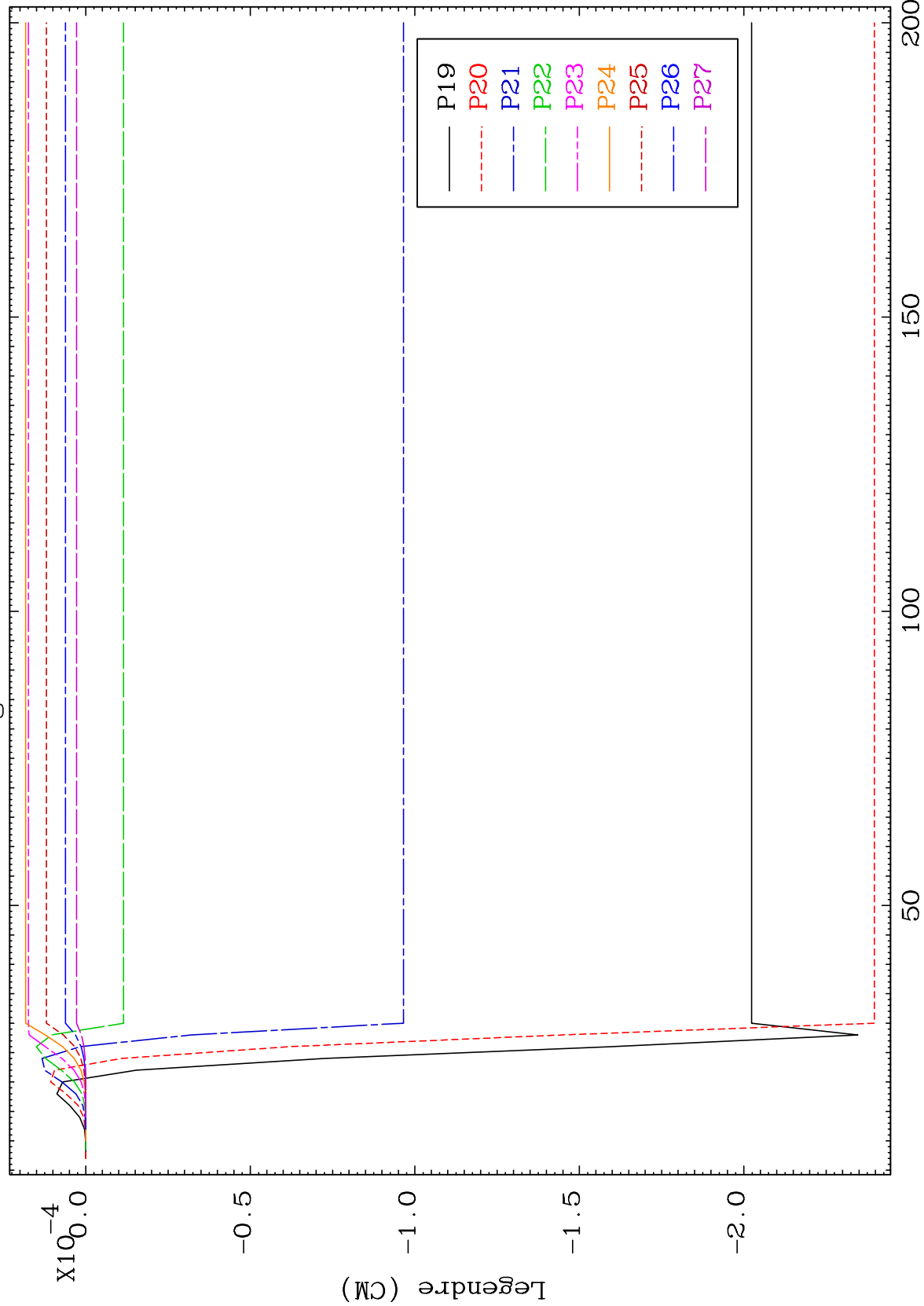
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



52

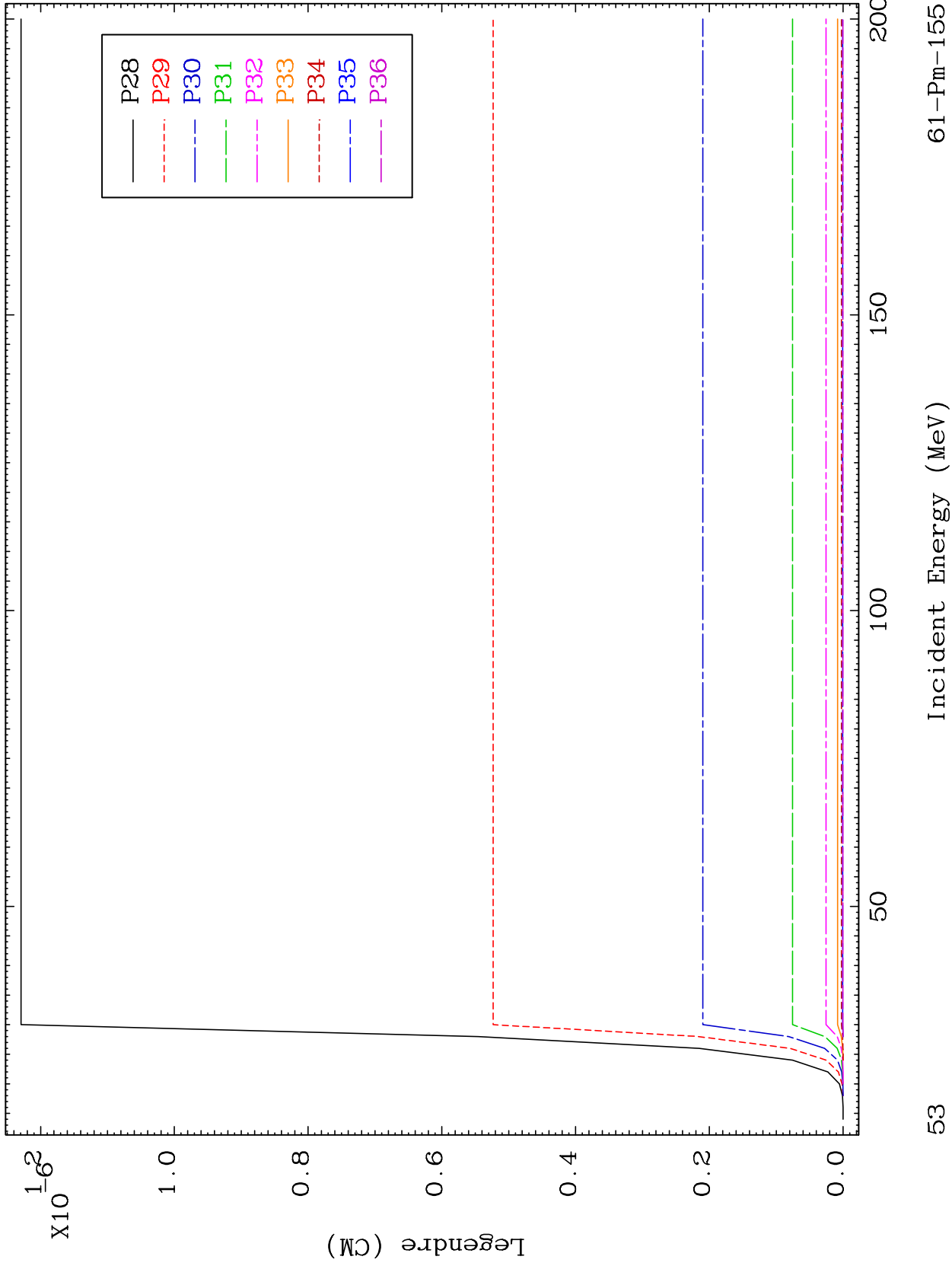
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



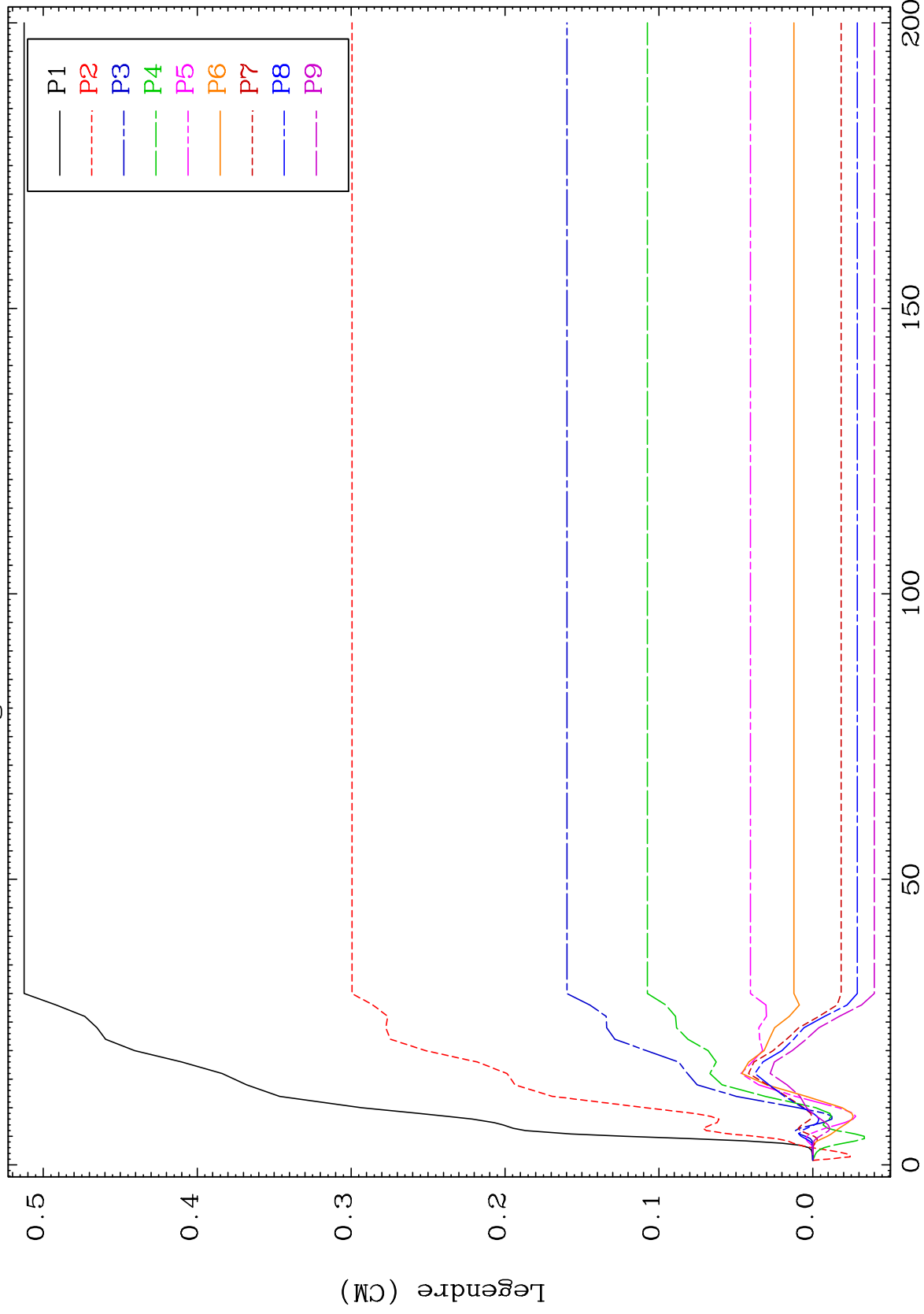
53

61-Pm-155

MAT 6173

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

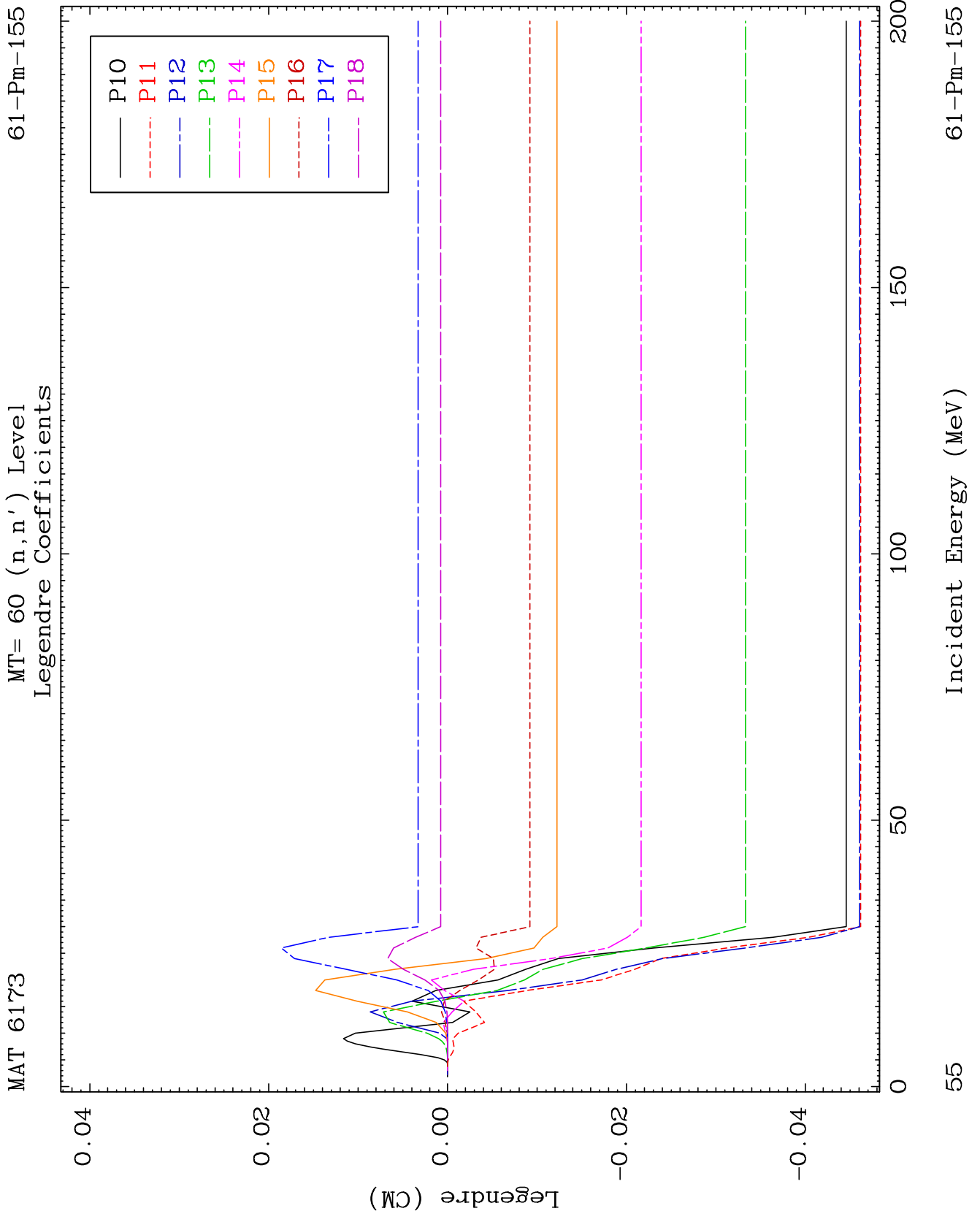
61-Pm-155



54

Incident Energy (MeV)

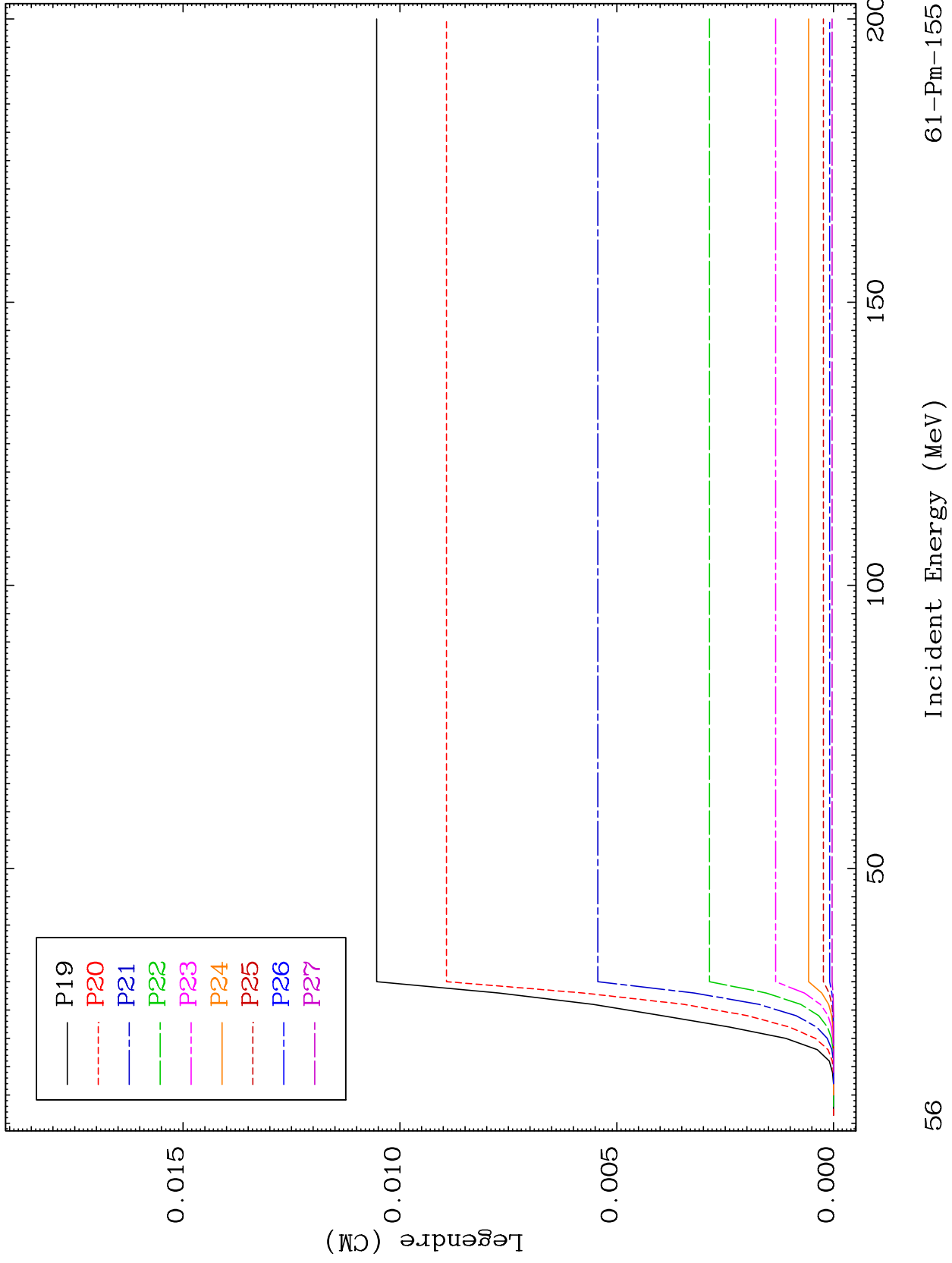
61-Pm-155



MAT 6173

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

61-Pm-155



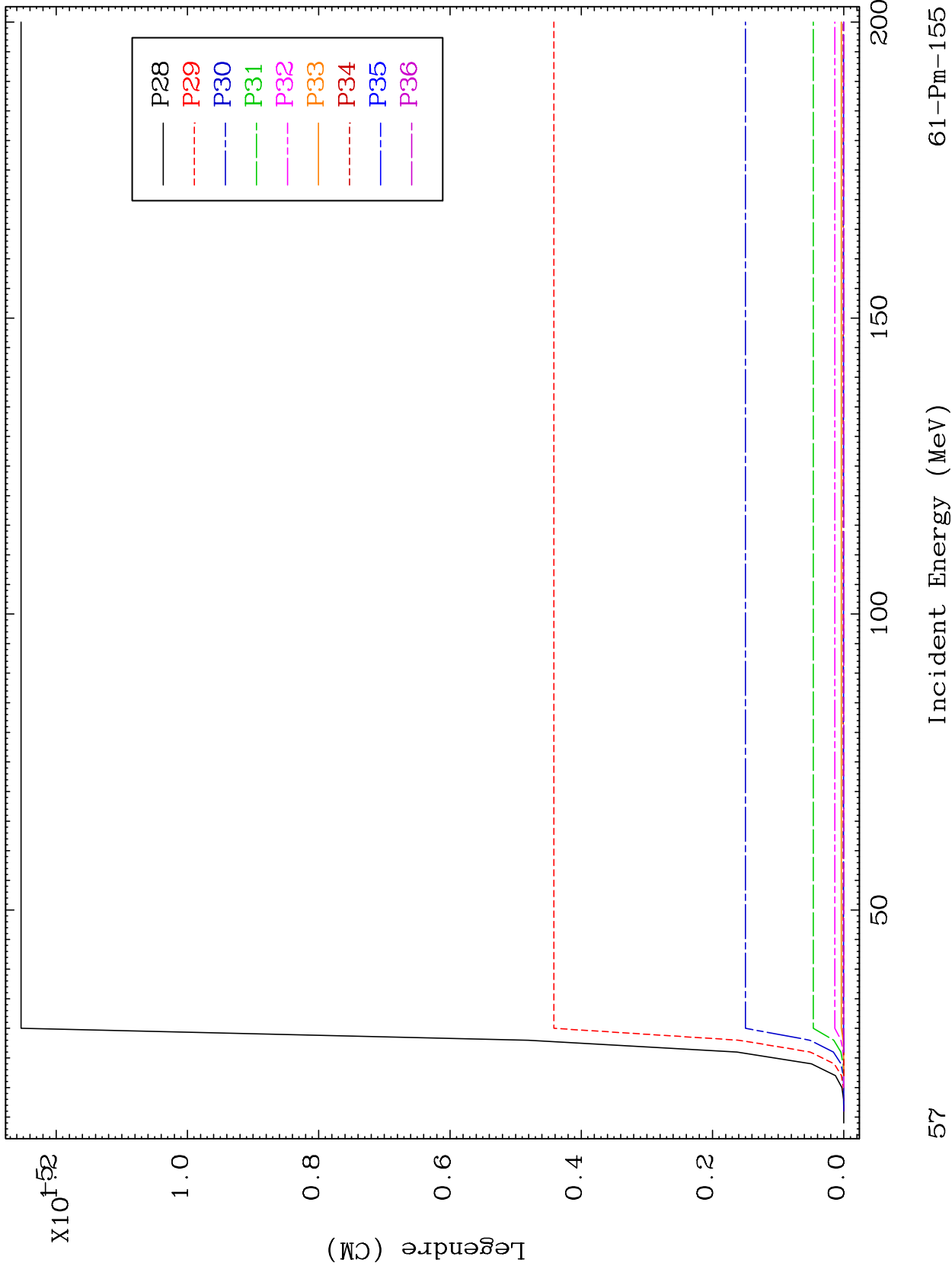
56

61-Pm-155

MAT 6173

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

61-Pm-155



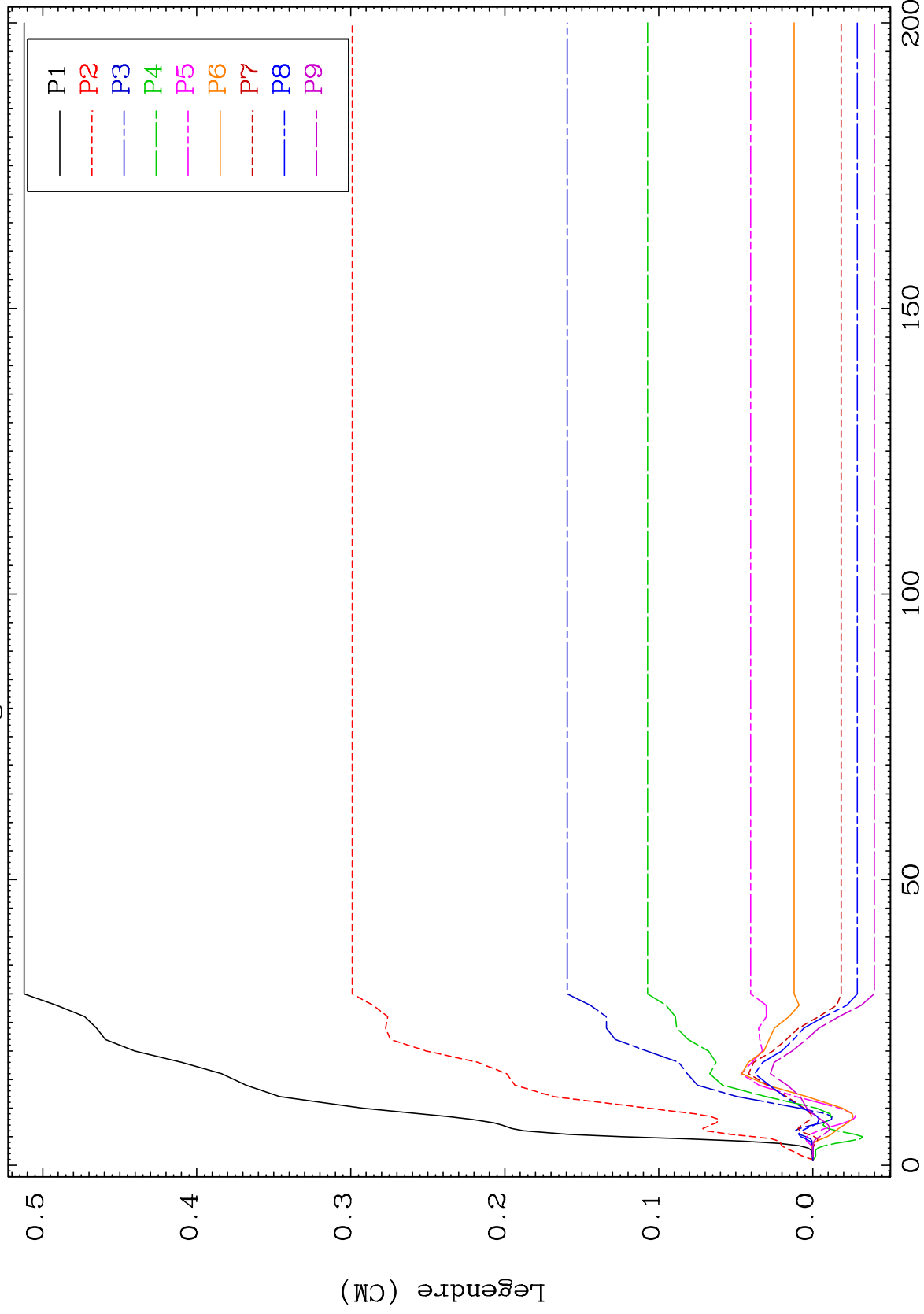
57

61-Pm-155

MAT 6173

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

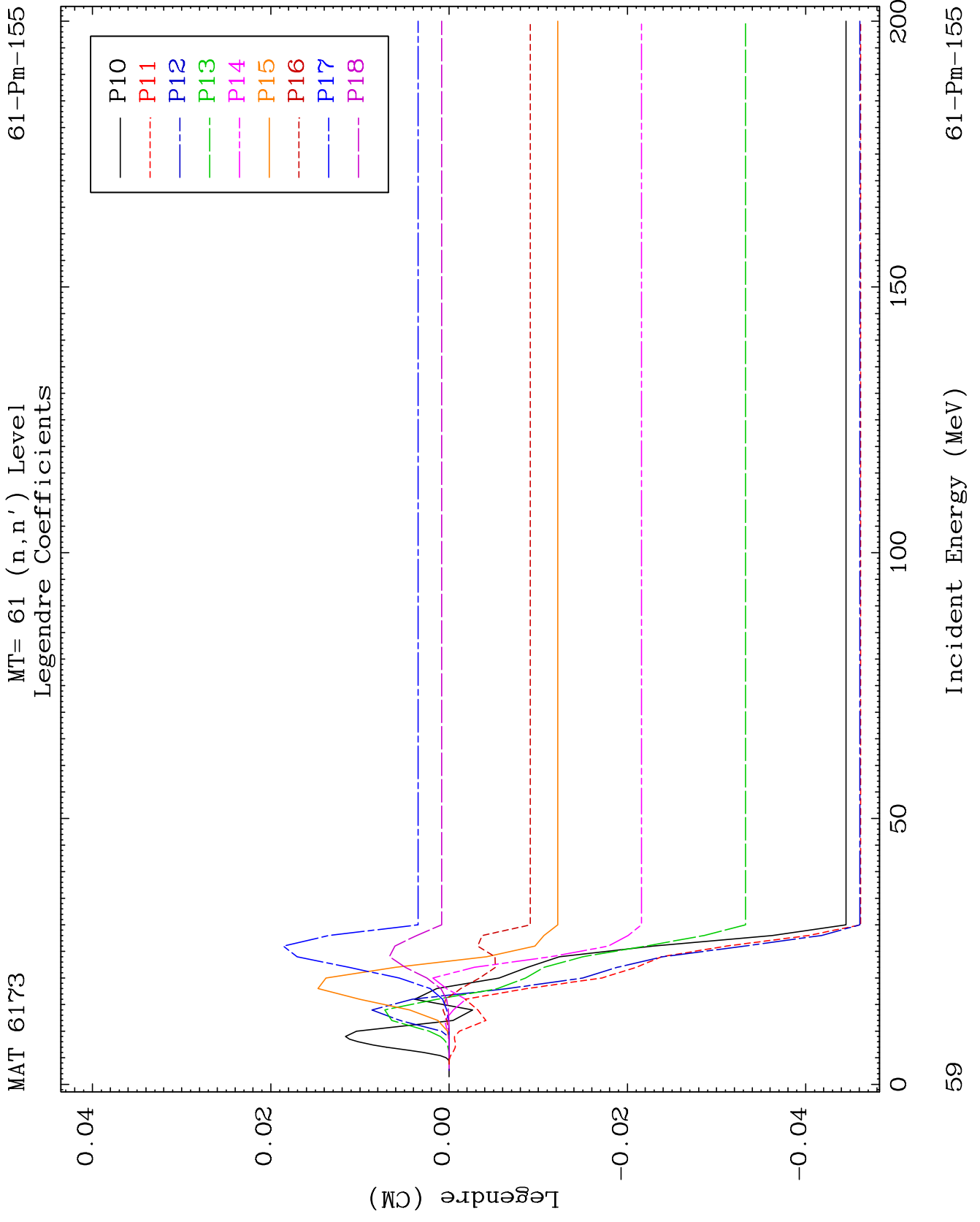
61-Pm-155



58

Incident Energy (MeV)

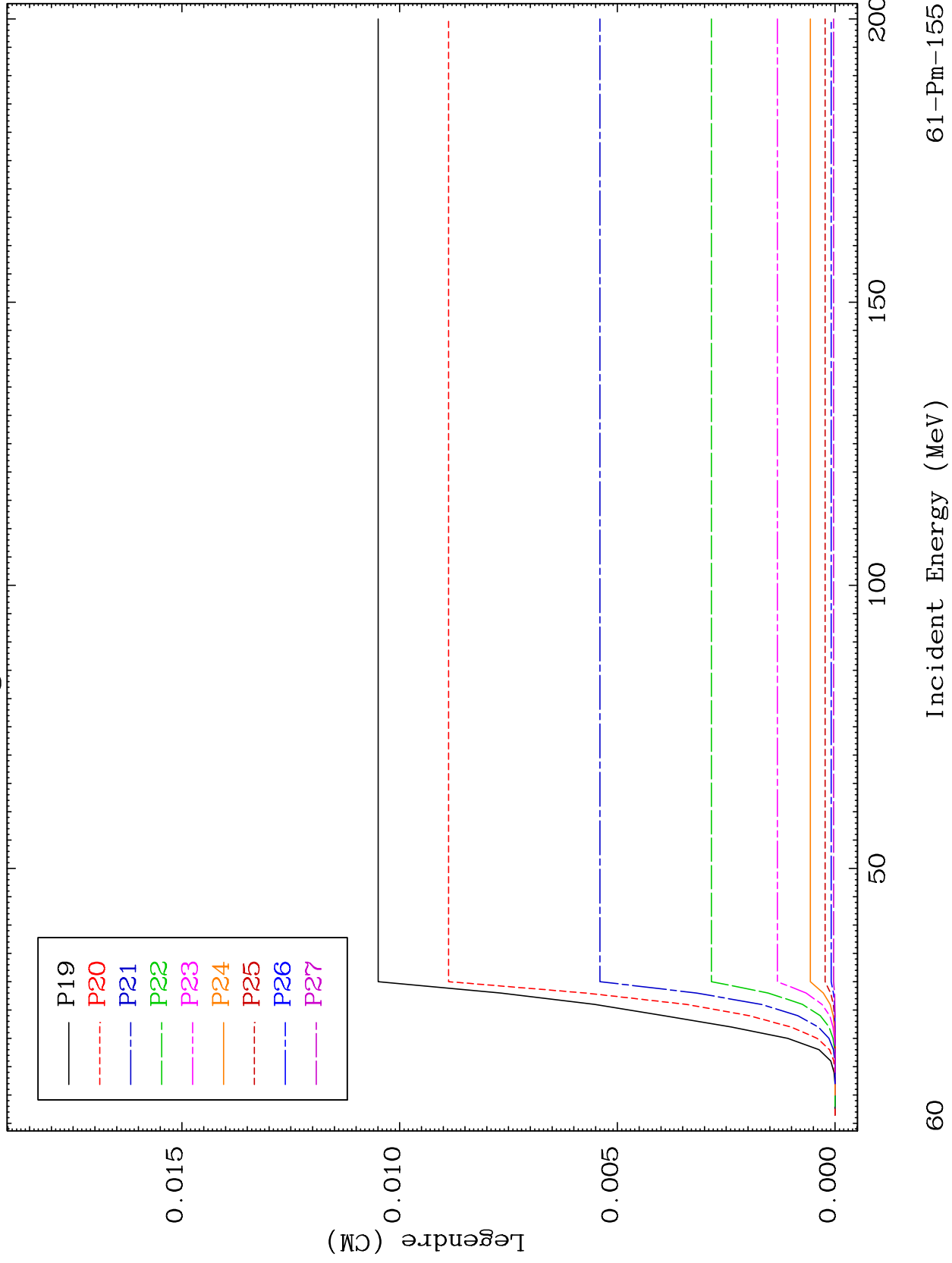
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MAT 6173

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

61-Pm-155



60

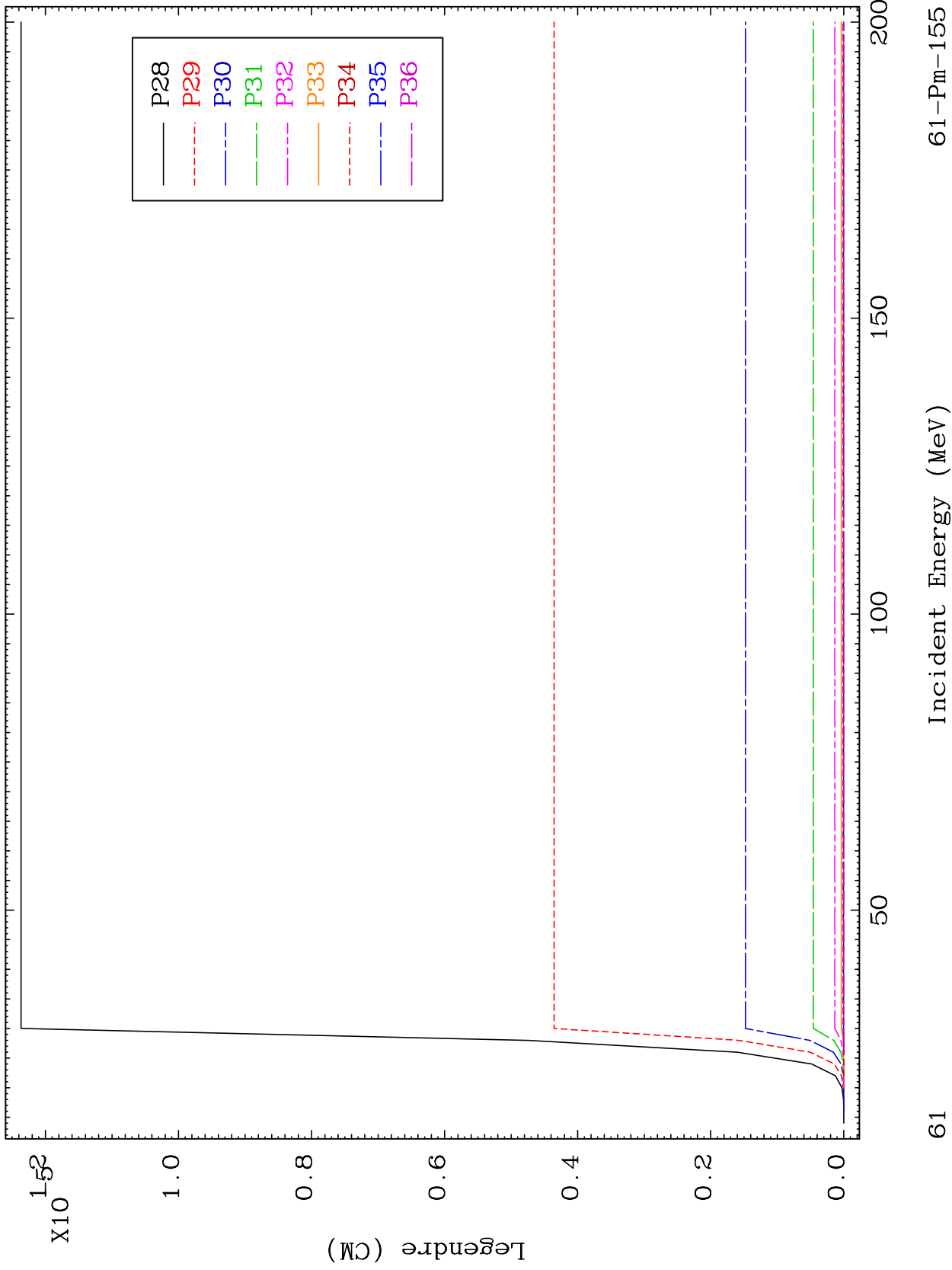
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



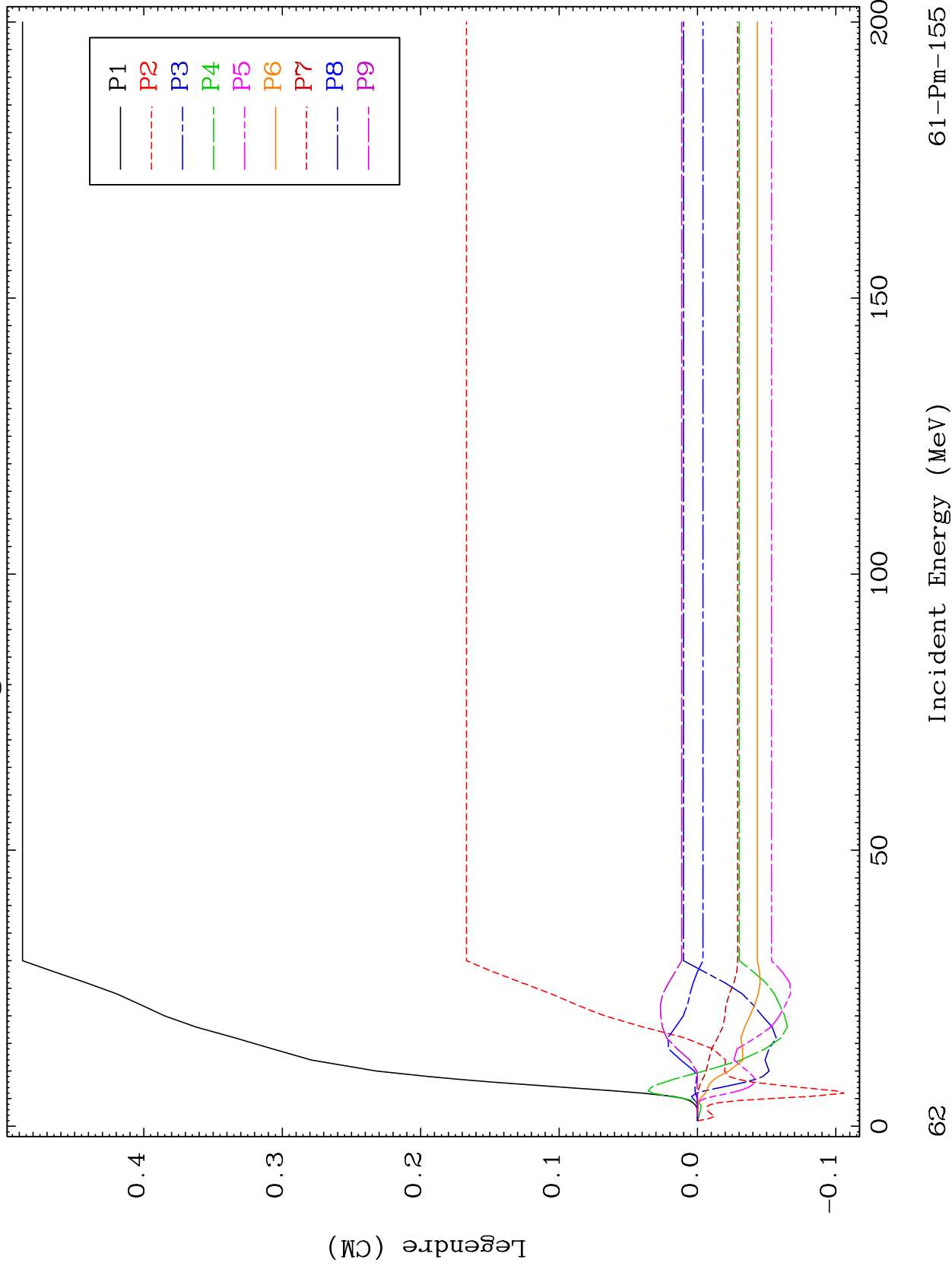
61

61-Pm-155

MAT 6173

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

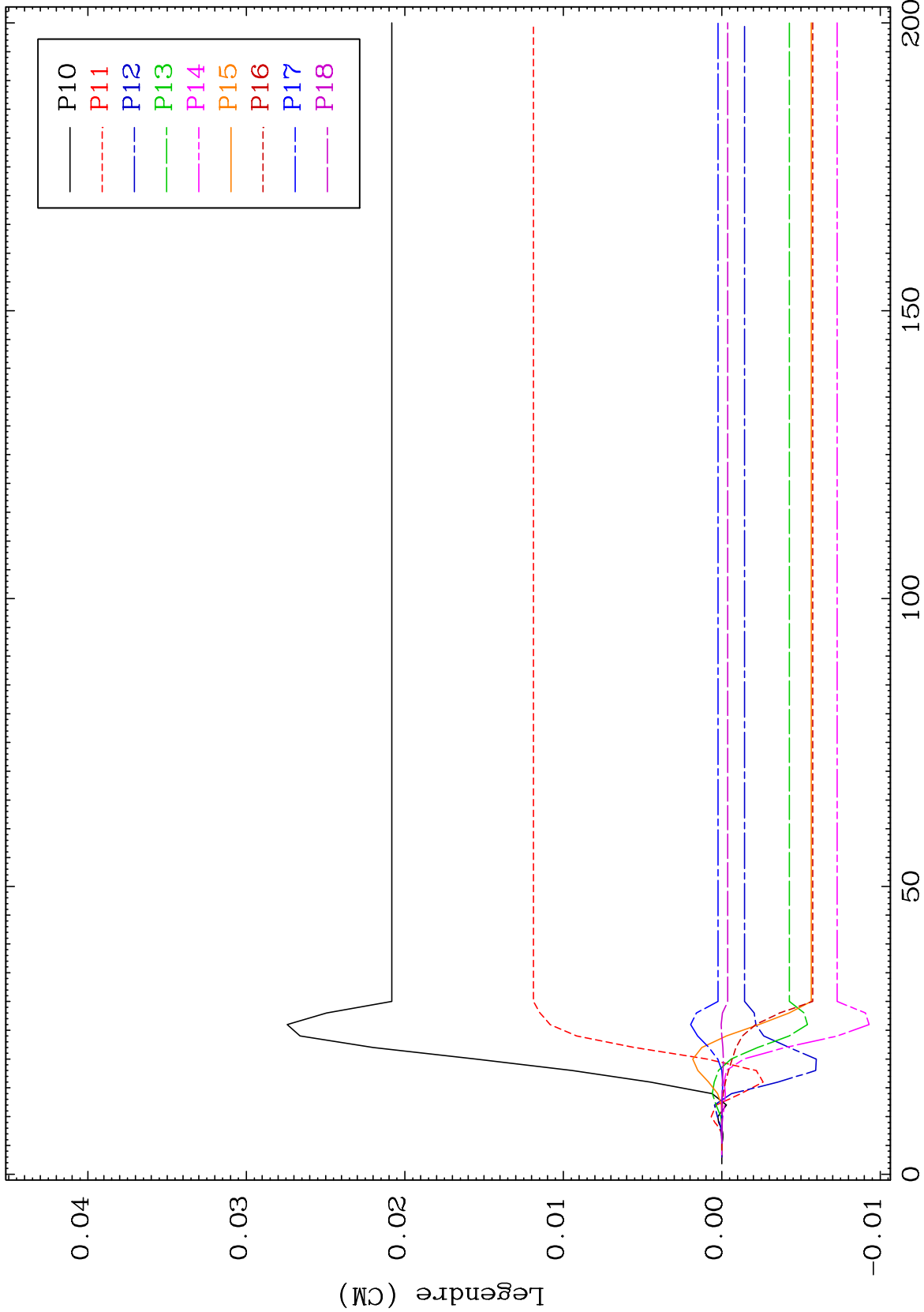
61-Pm-155



MAT 6173

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

61-Pm-155



63

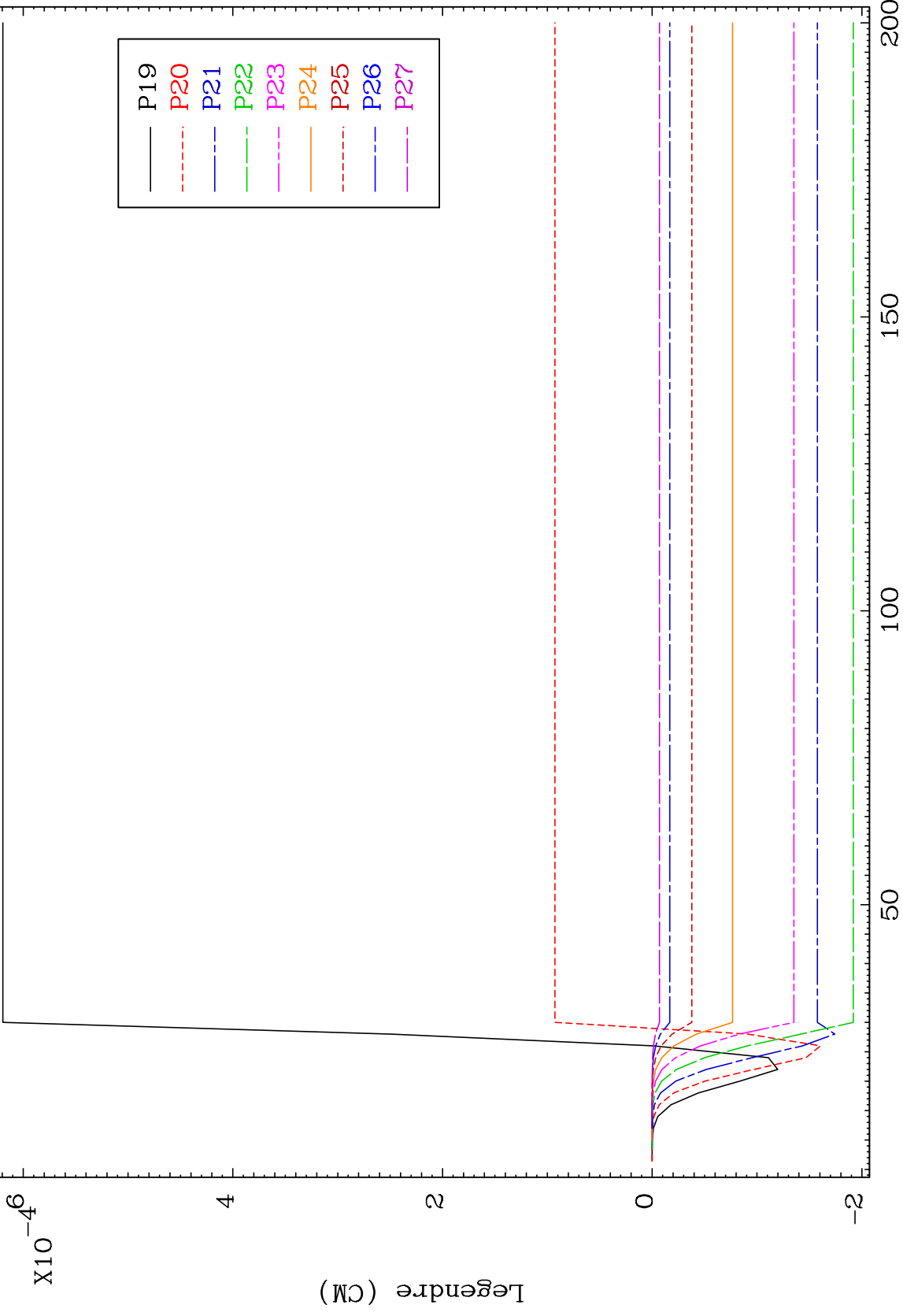
Incident Energy (MeV)

61-Pm-155

MAT 6173

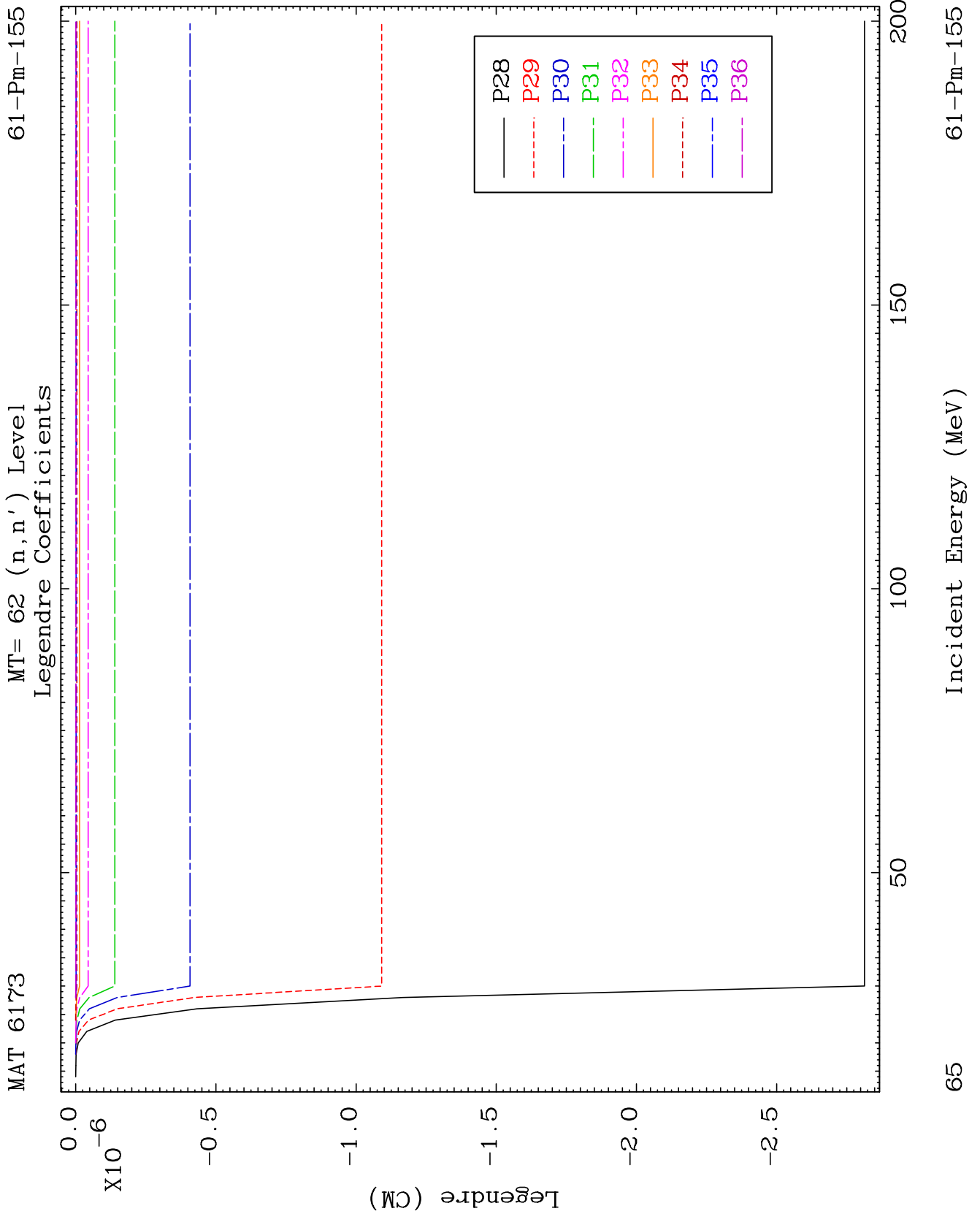
MT= 62 (n,n') Level
Legendre Coefficients

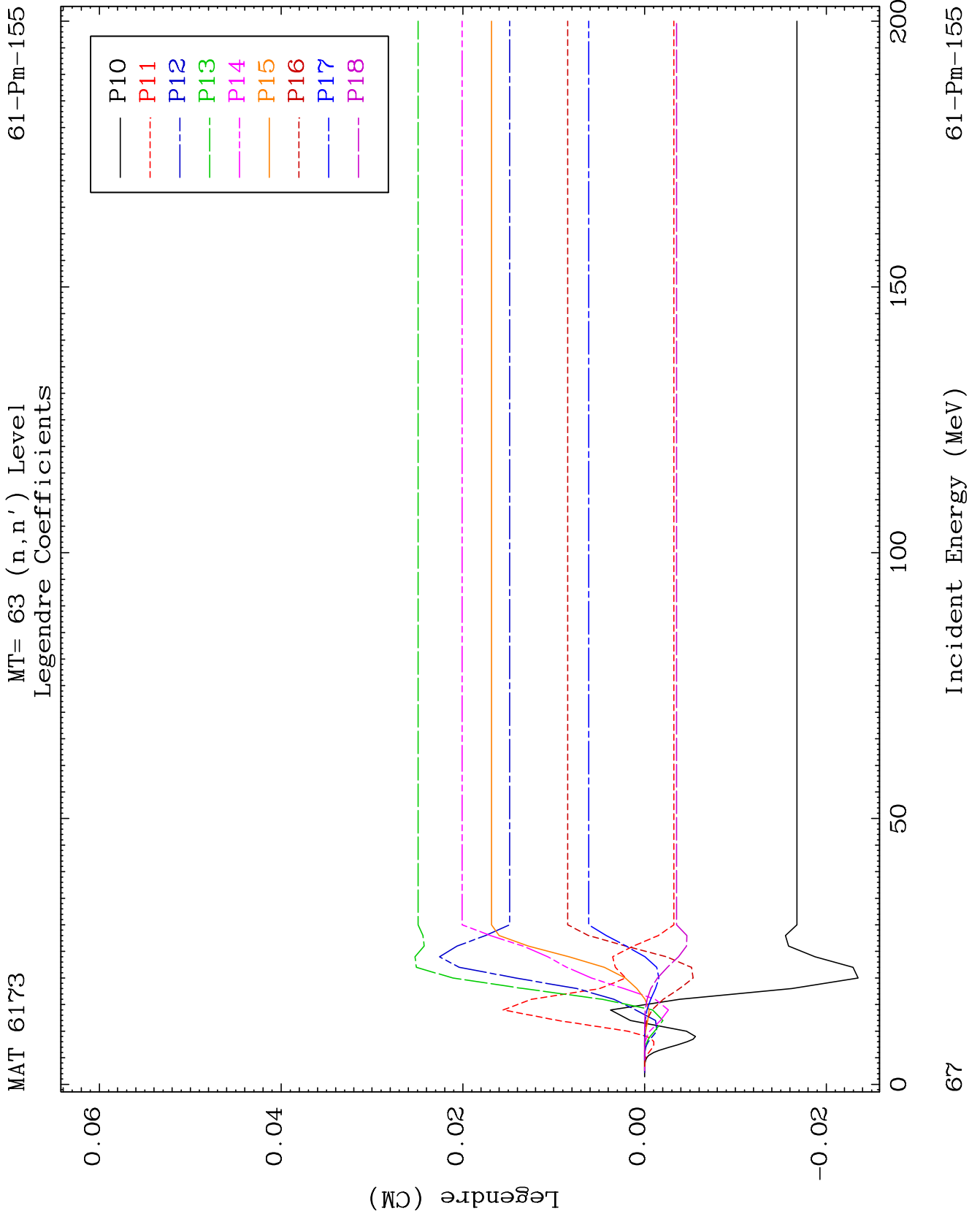
61-Pm-155



64

61-Pm-155

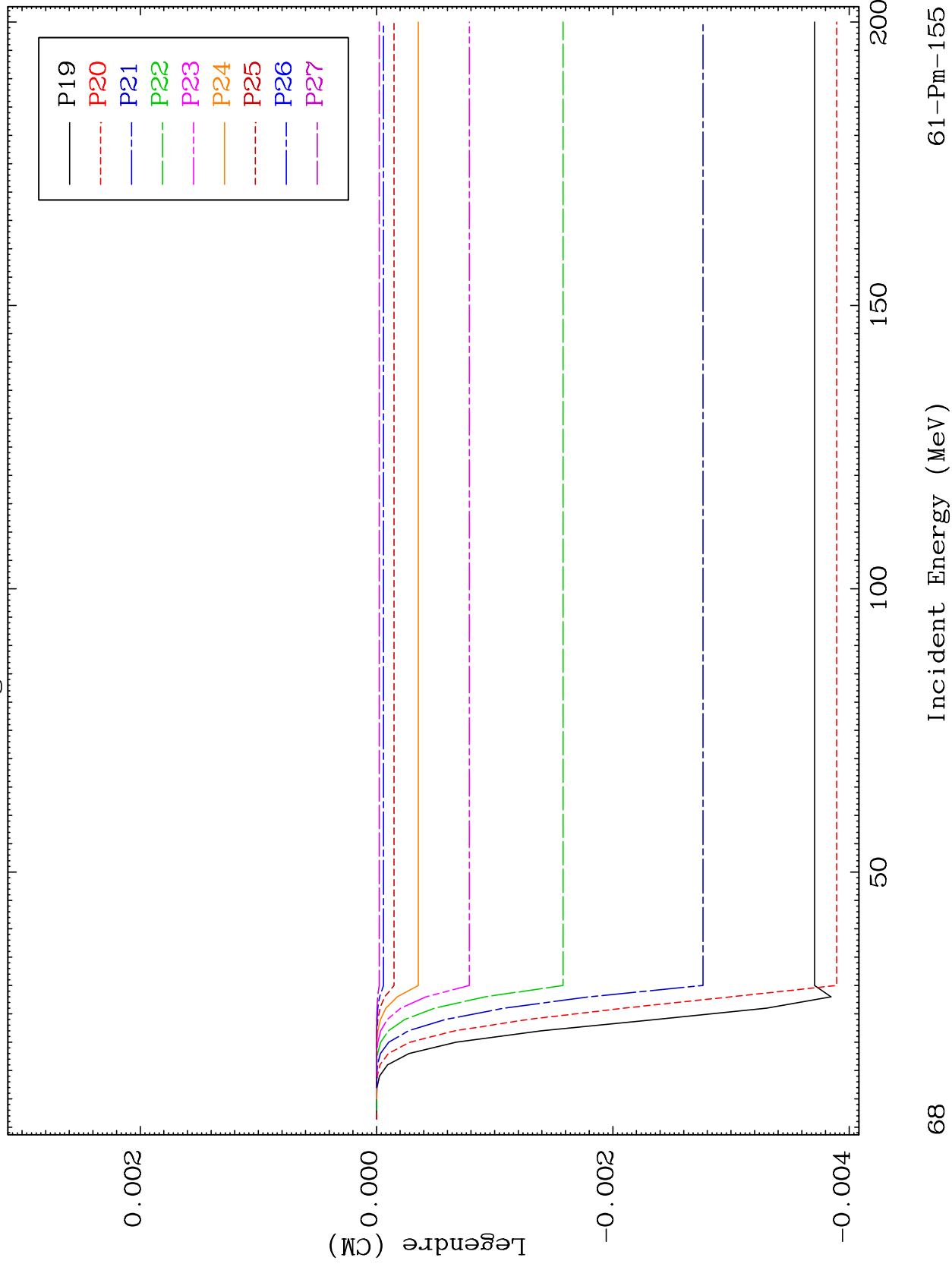




MAT 6173

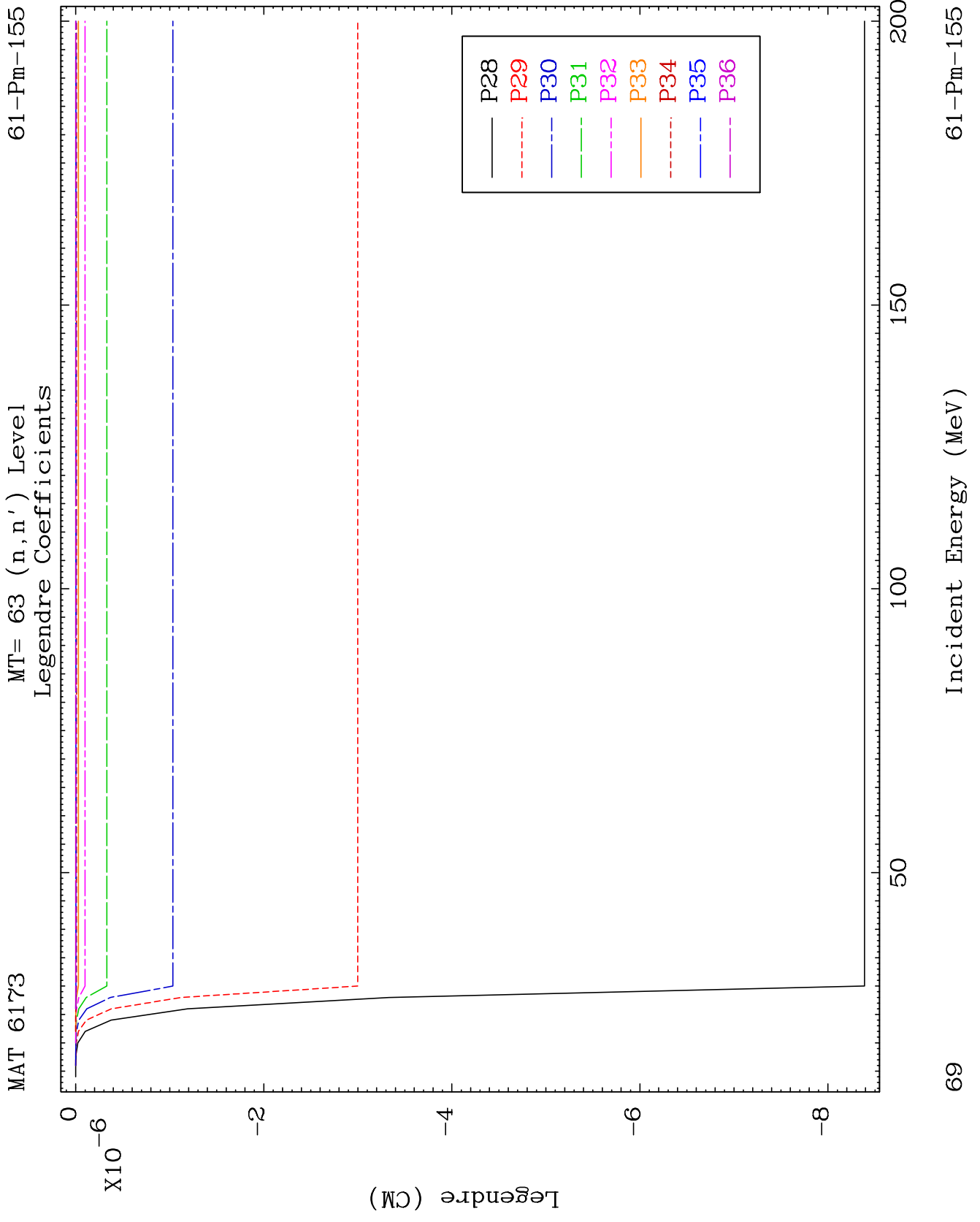
MT= 63 (n,n') Level
Legendre Coefficients

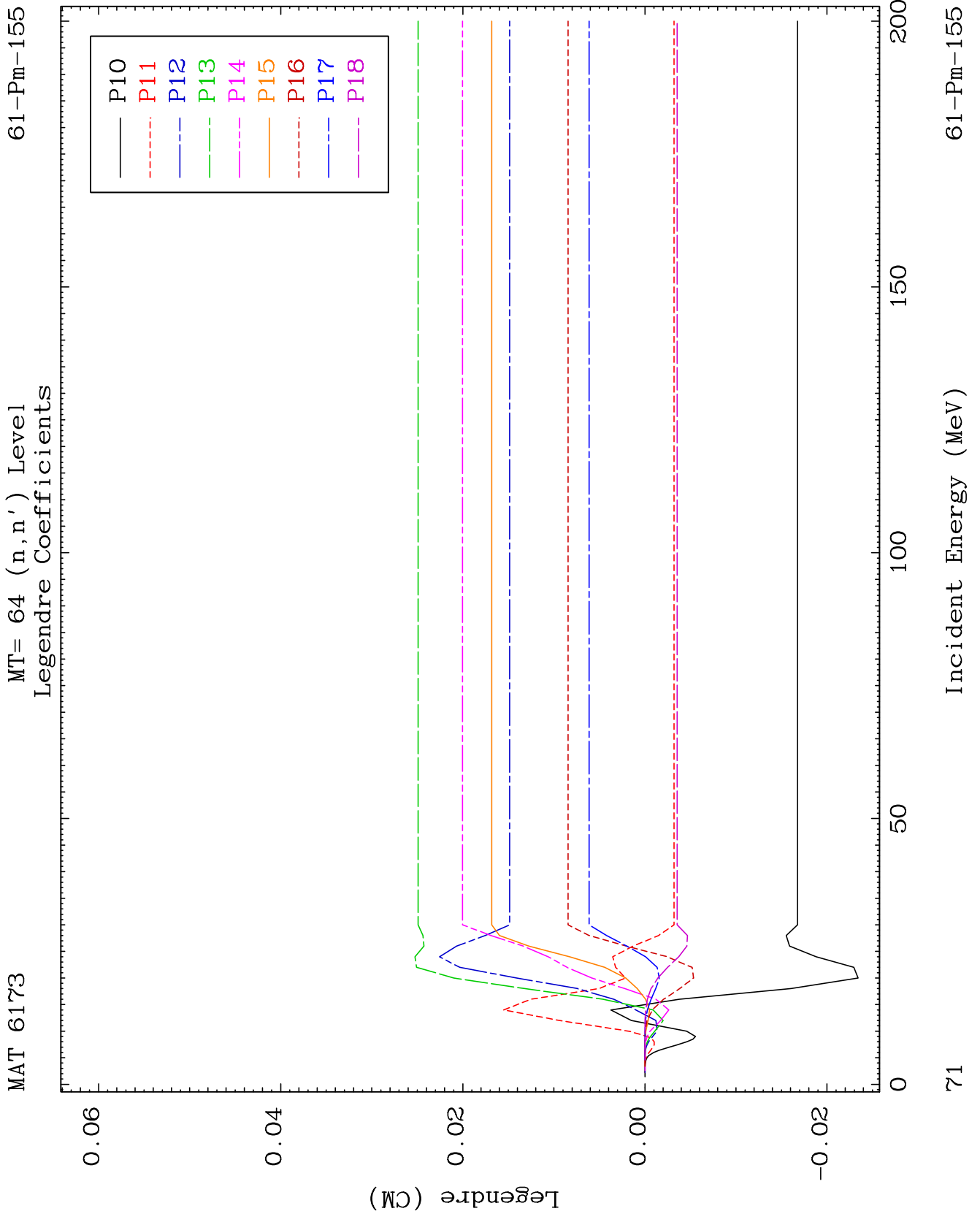
61-Pm-155



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61-Pm-155

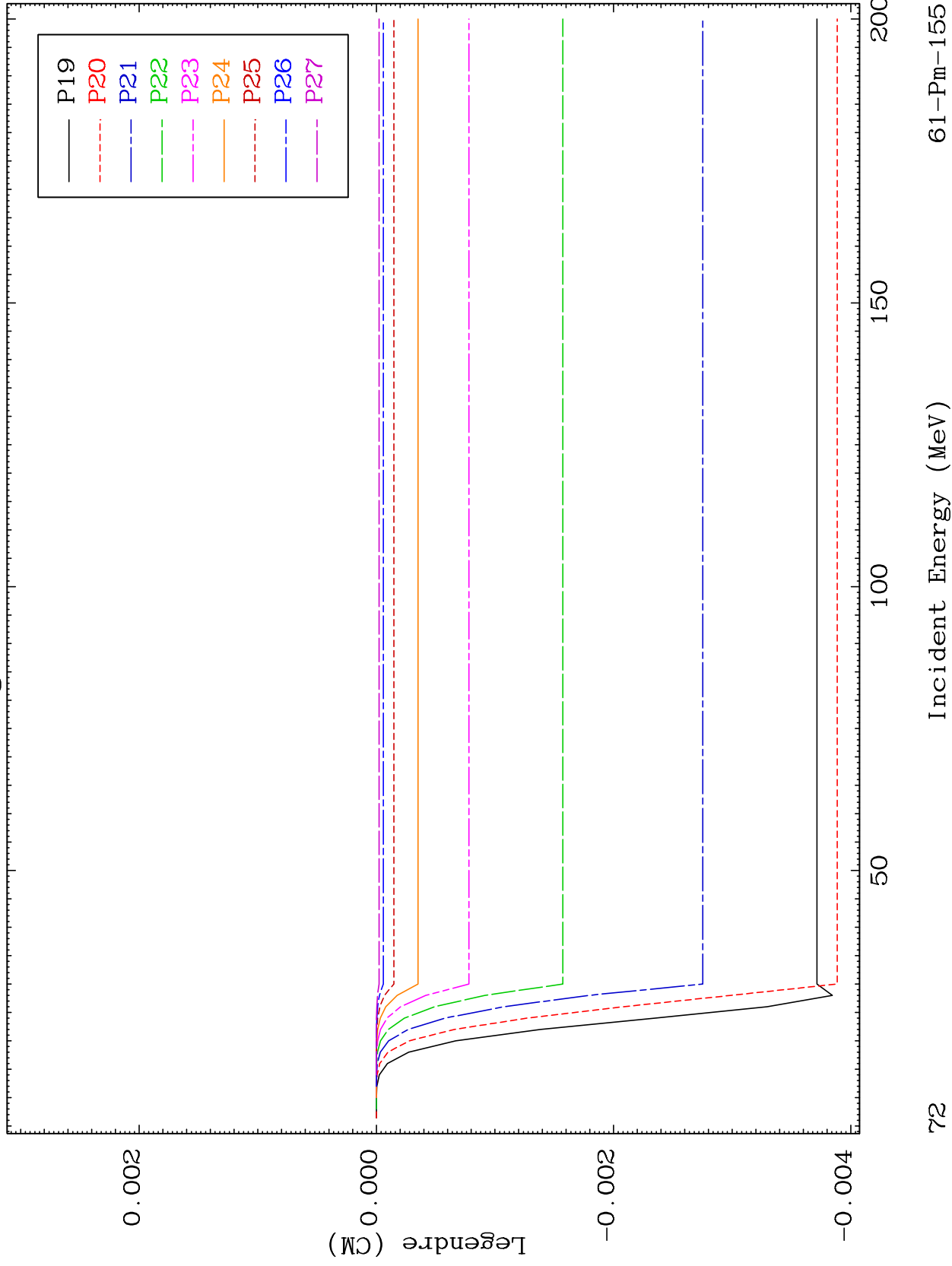




MAT 6173

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

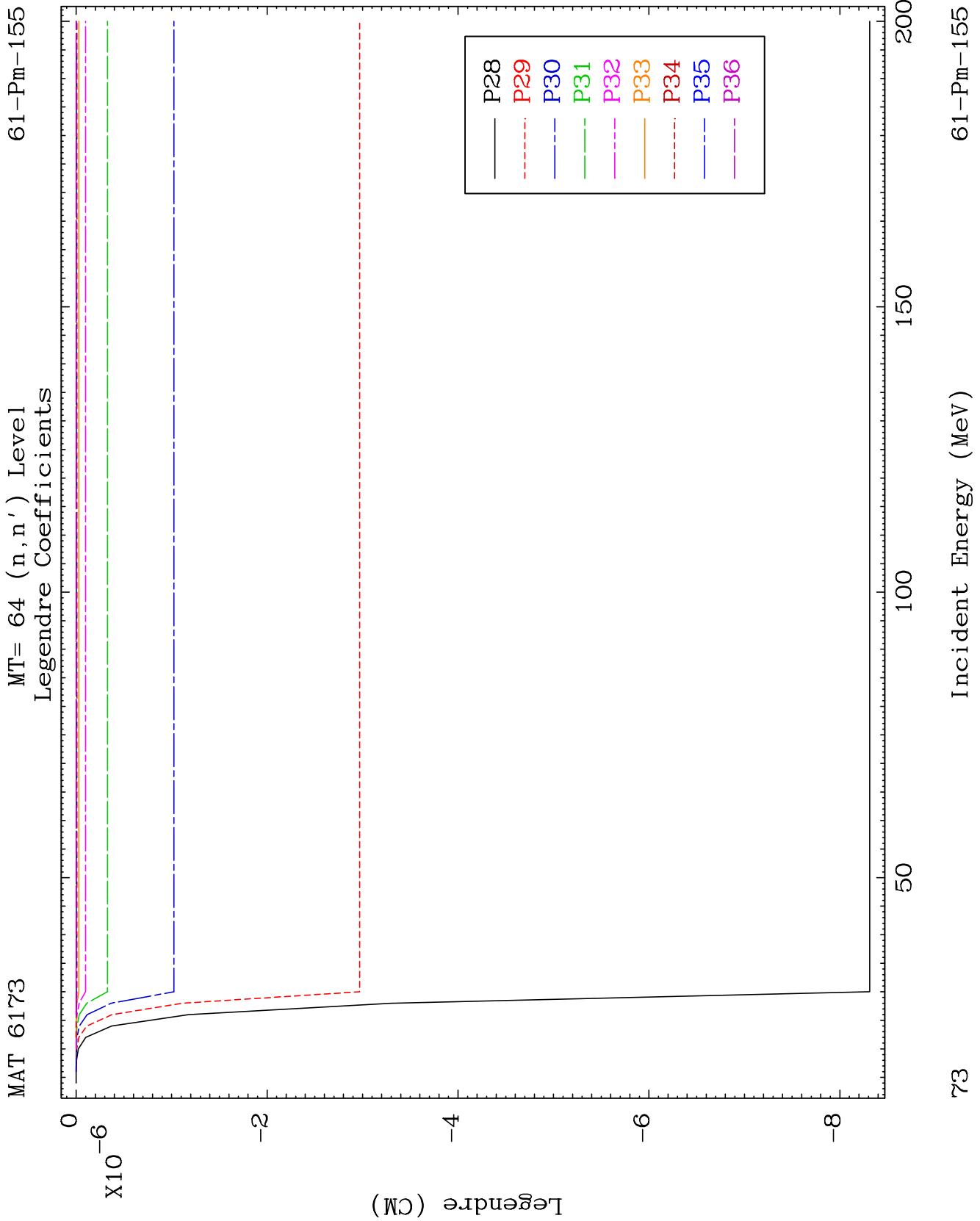
61-Pm-155



72

Incident Energy (MeV)

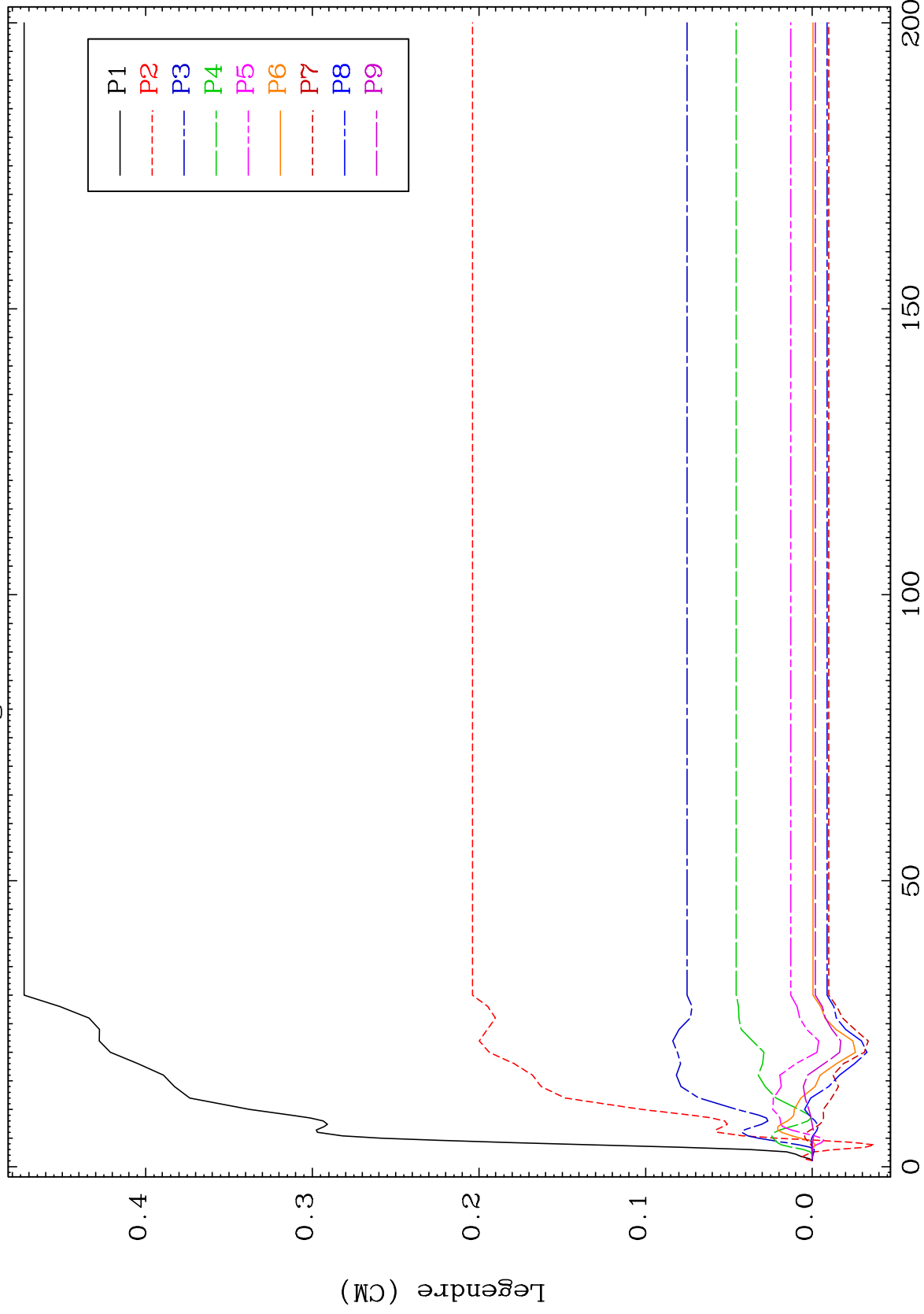
61-Pm-155



MAT 6173

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

61-Pm-155



74

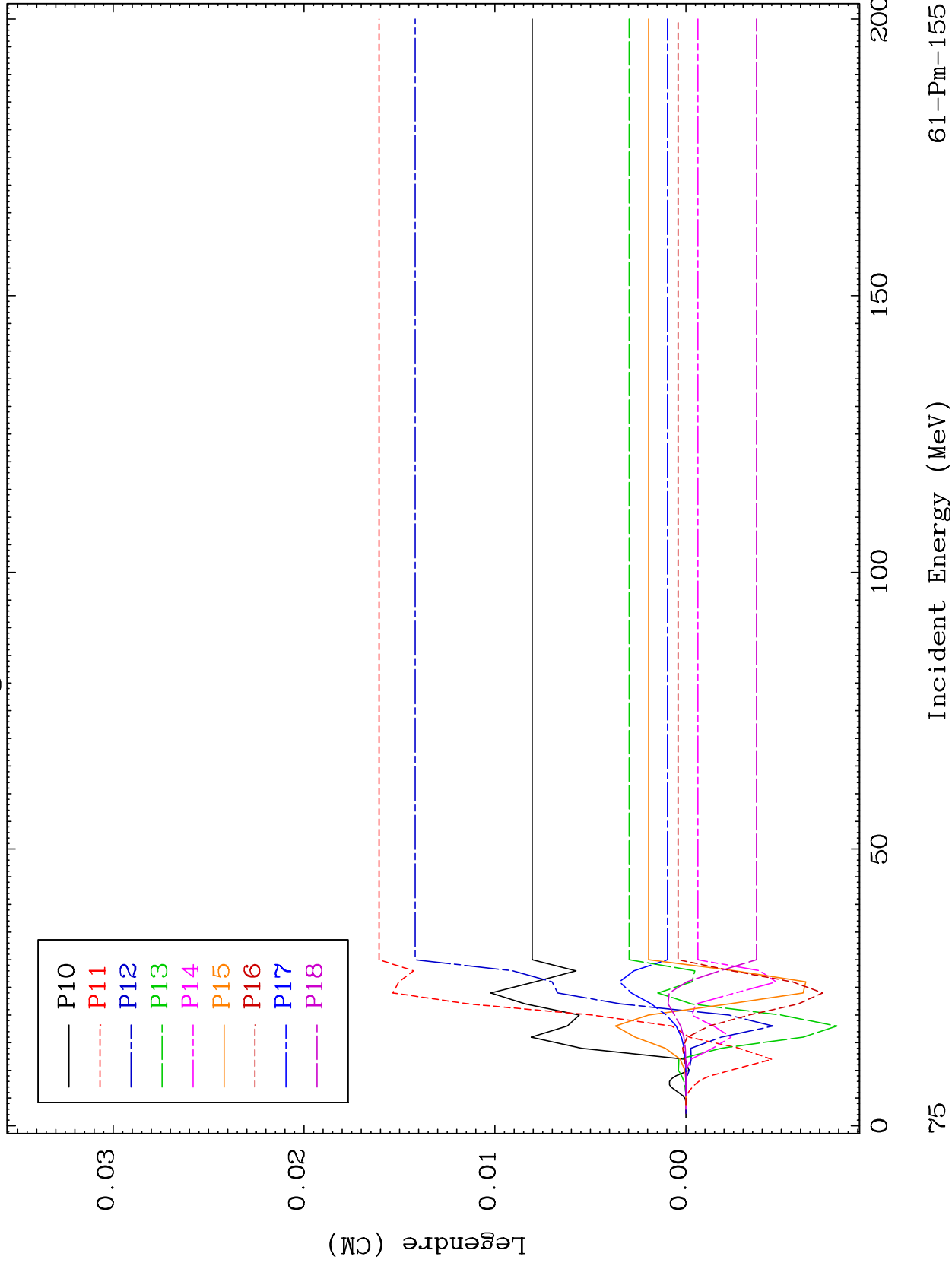
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



75

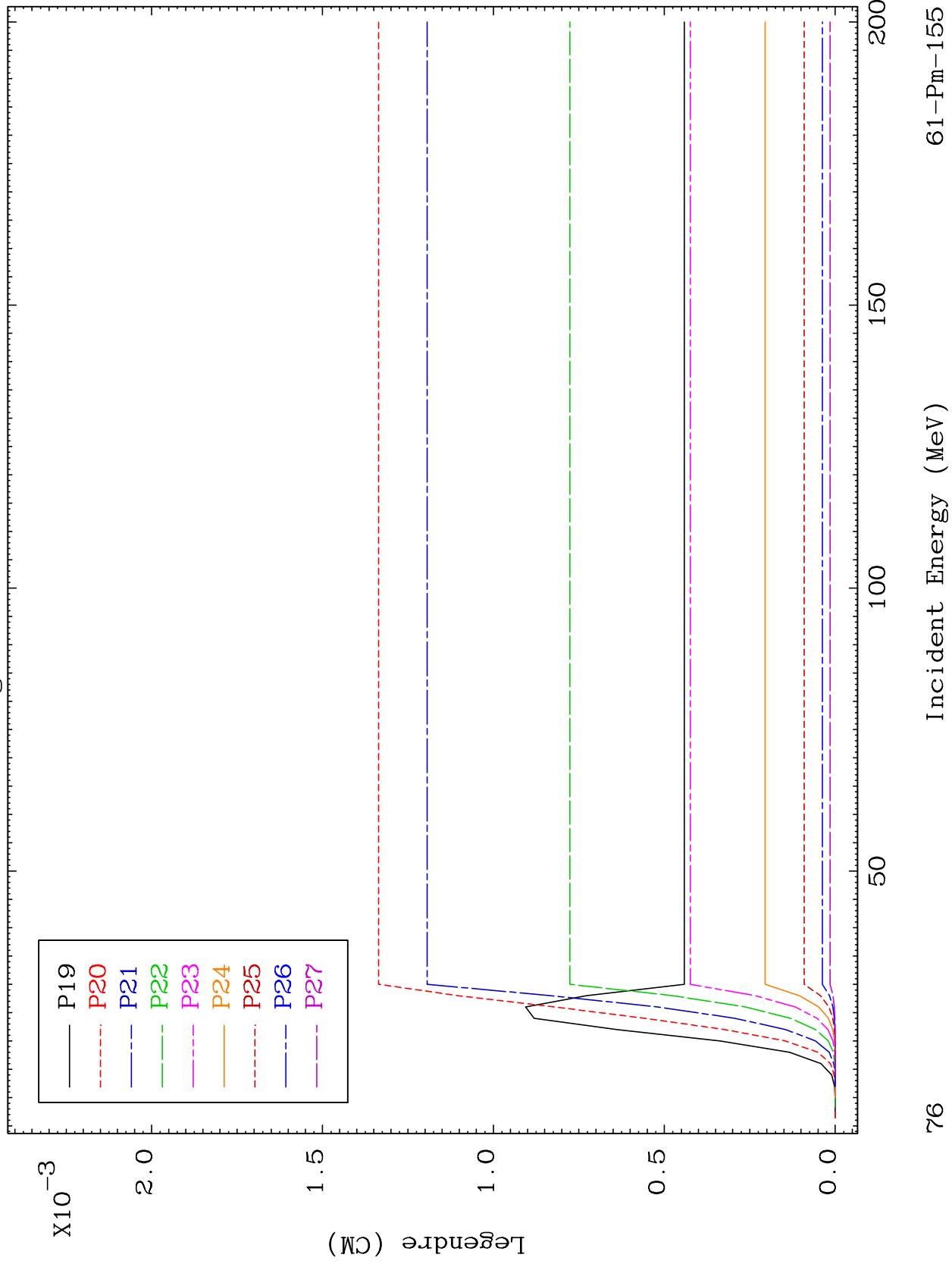
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



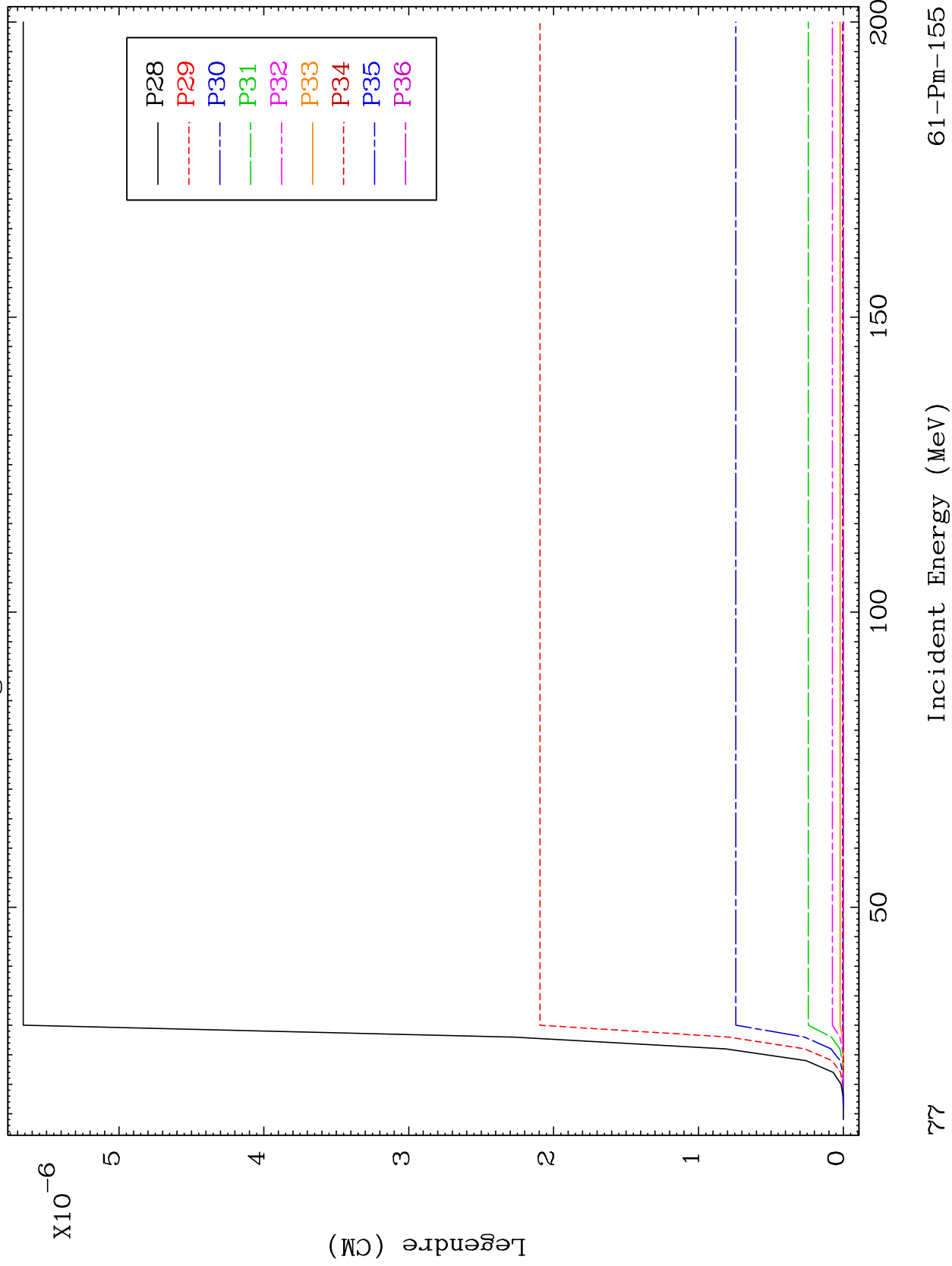
76

61-Pm-155

MAT 6173

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

61-Pm-155



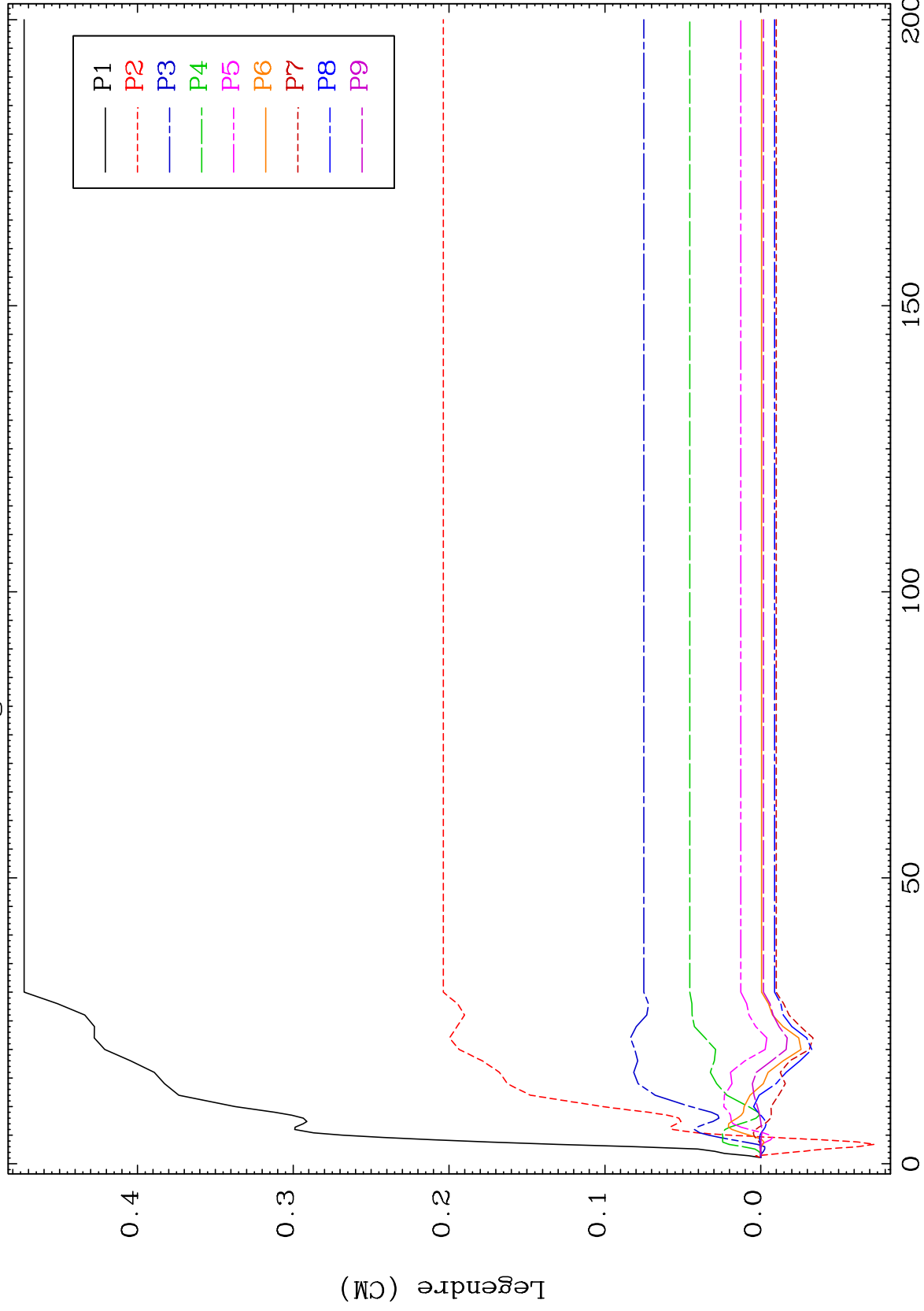
77

61-Pm-155

MAT 6173

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

61-Pm-155



78

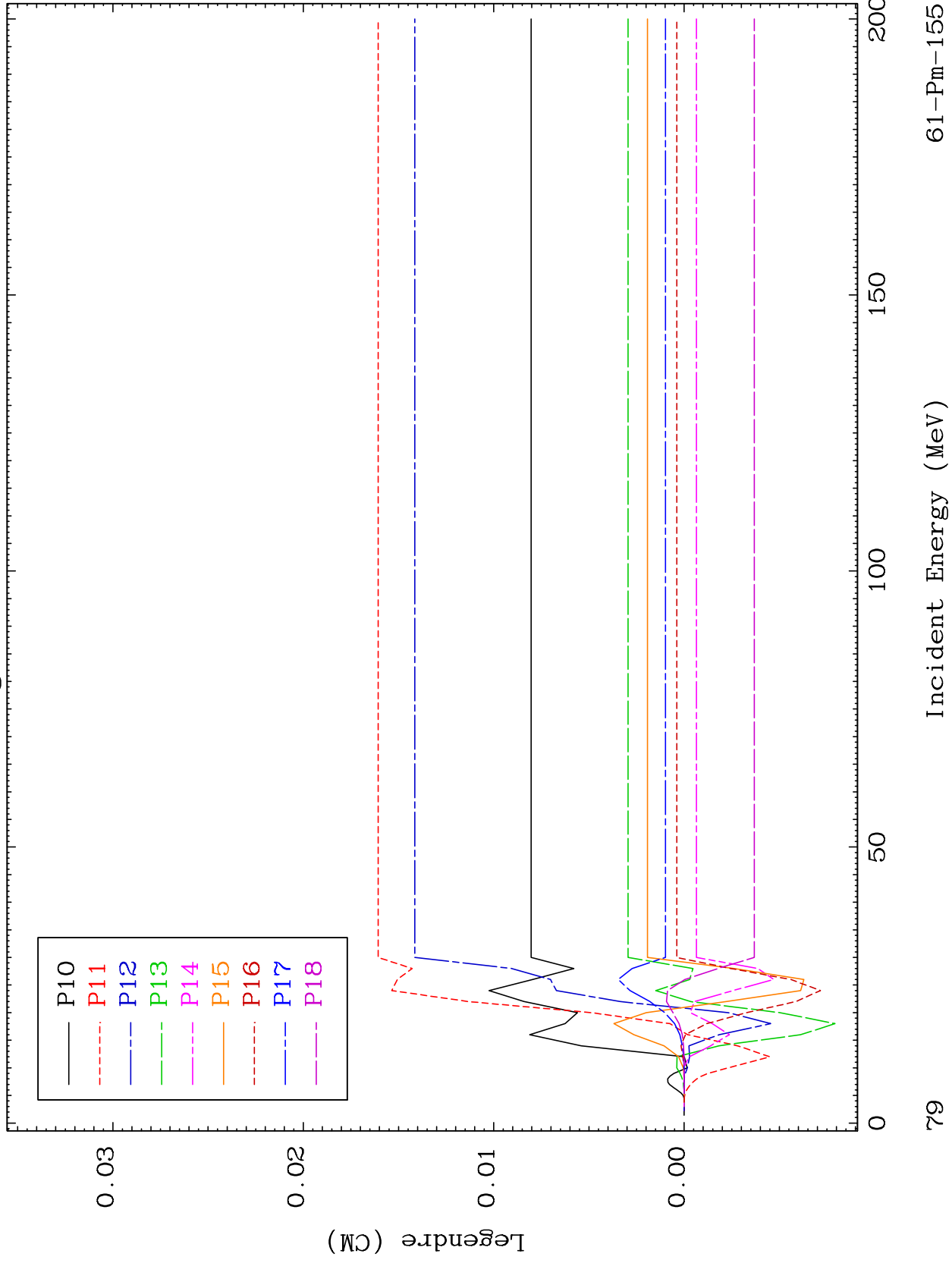
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



79

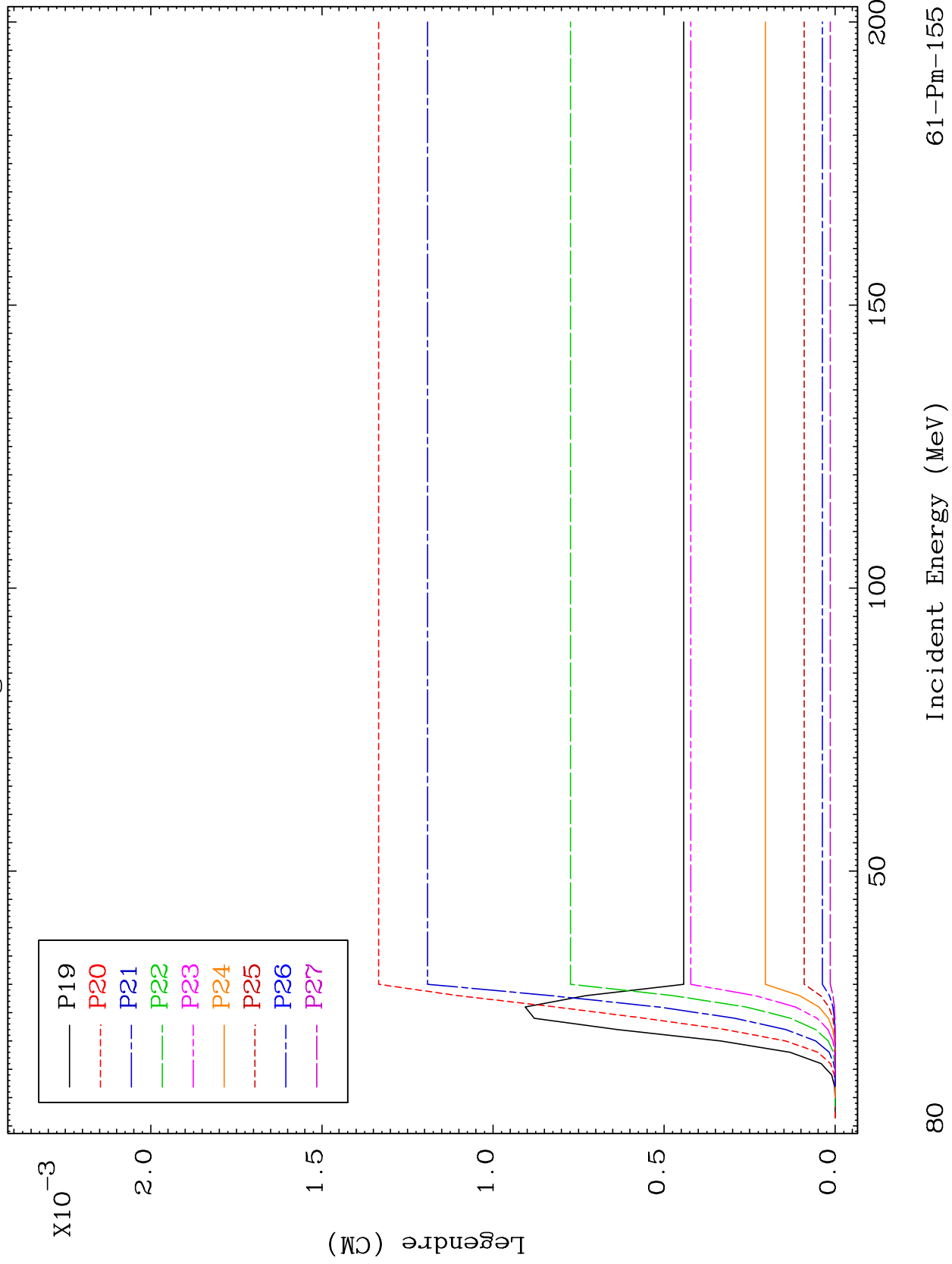
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



61-Pm-155

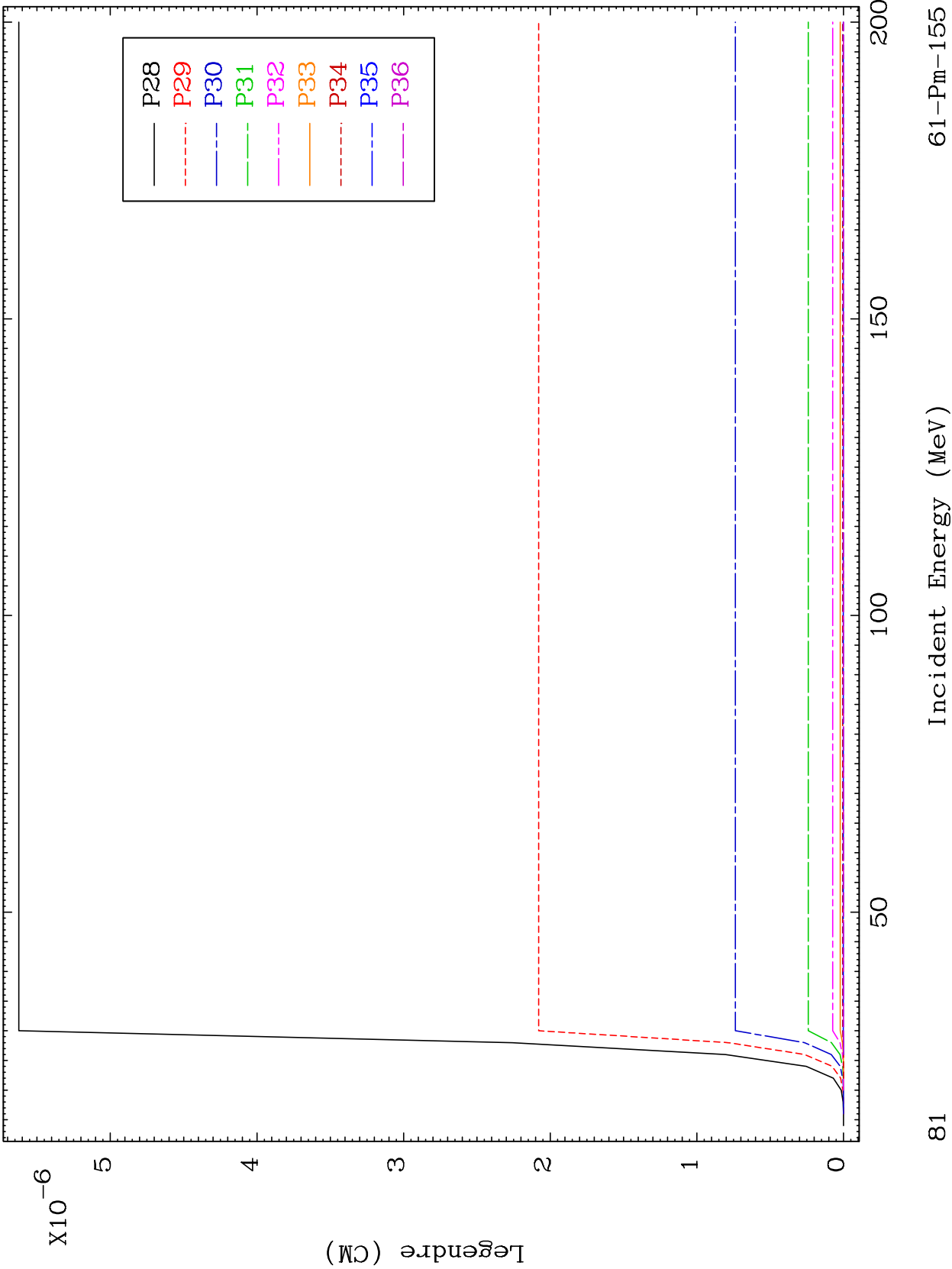
Incident Energy (MeV)

80

MAT 6173

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

61-Pm-155



81

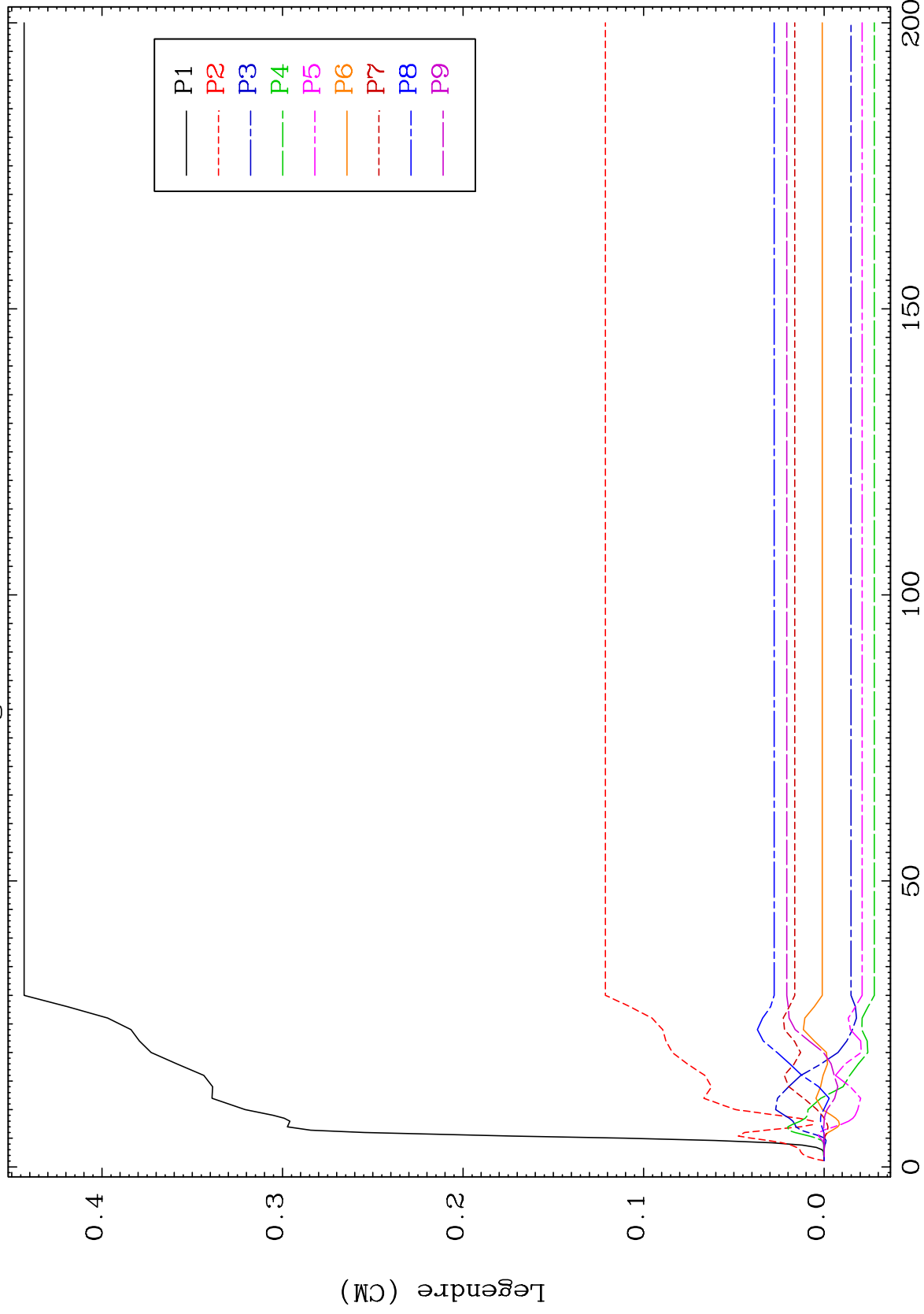
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



82

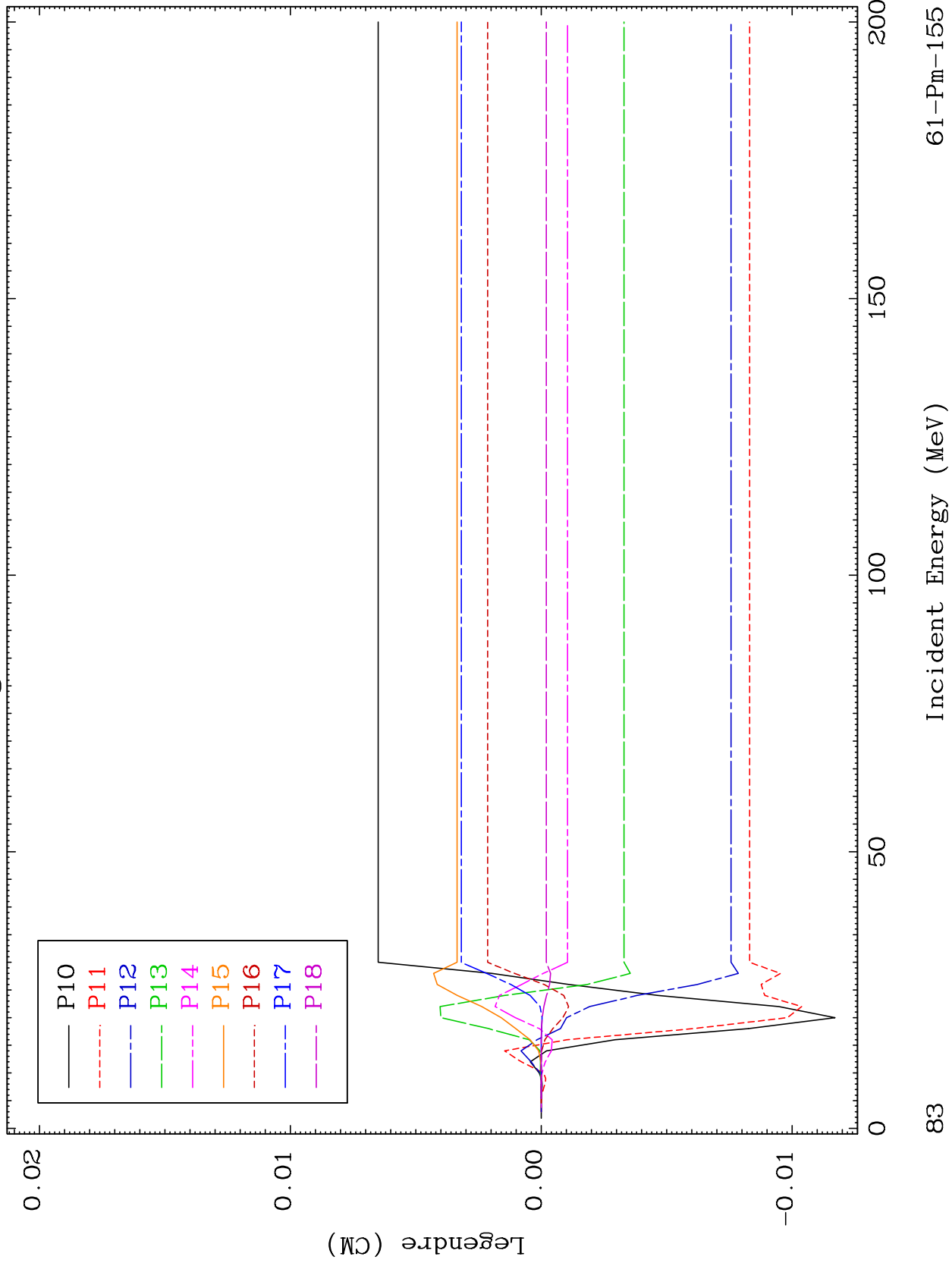
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

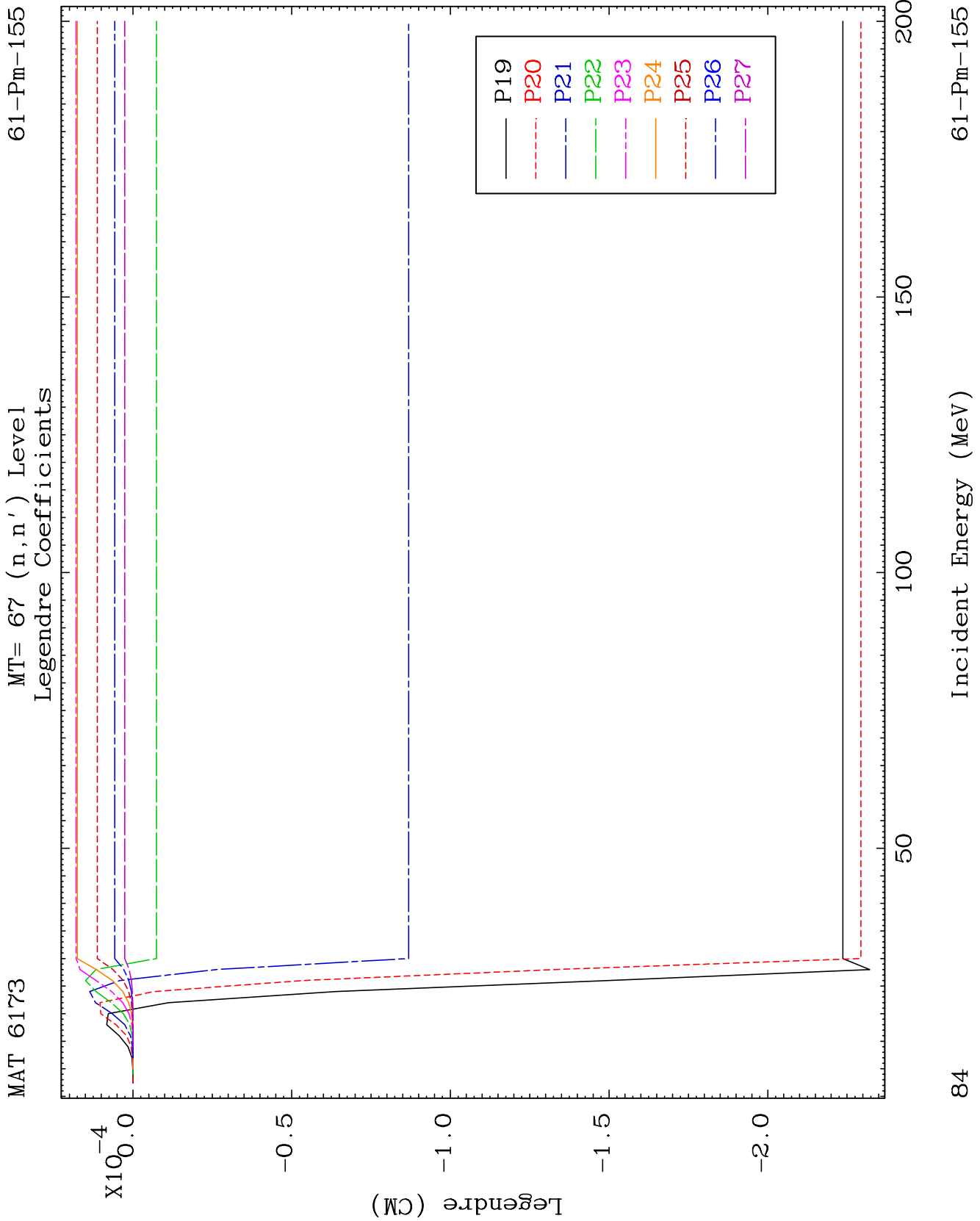
61-Pm-155



83

Incident Energy (MeV)

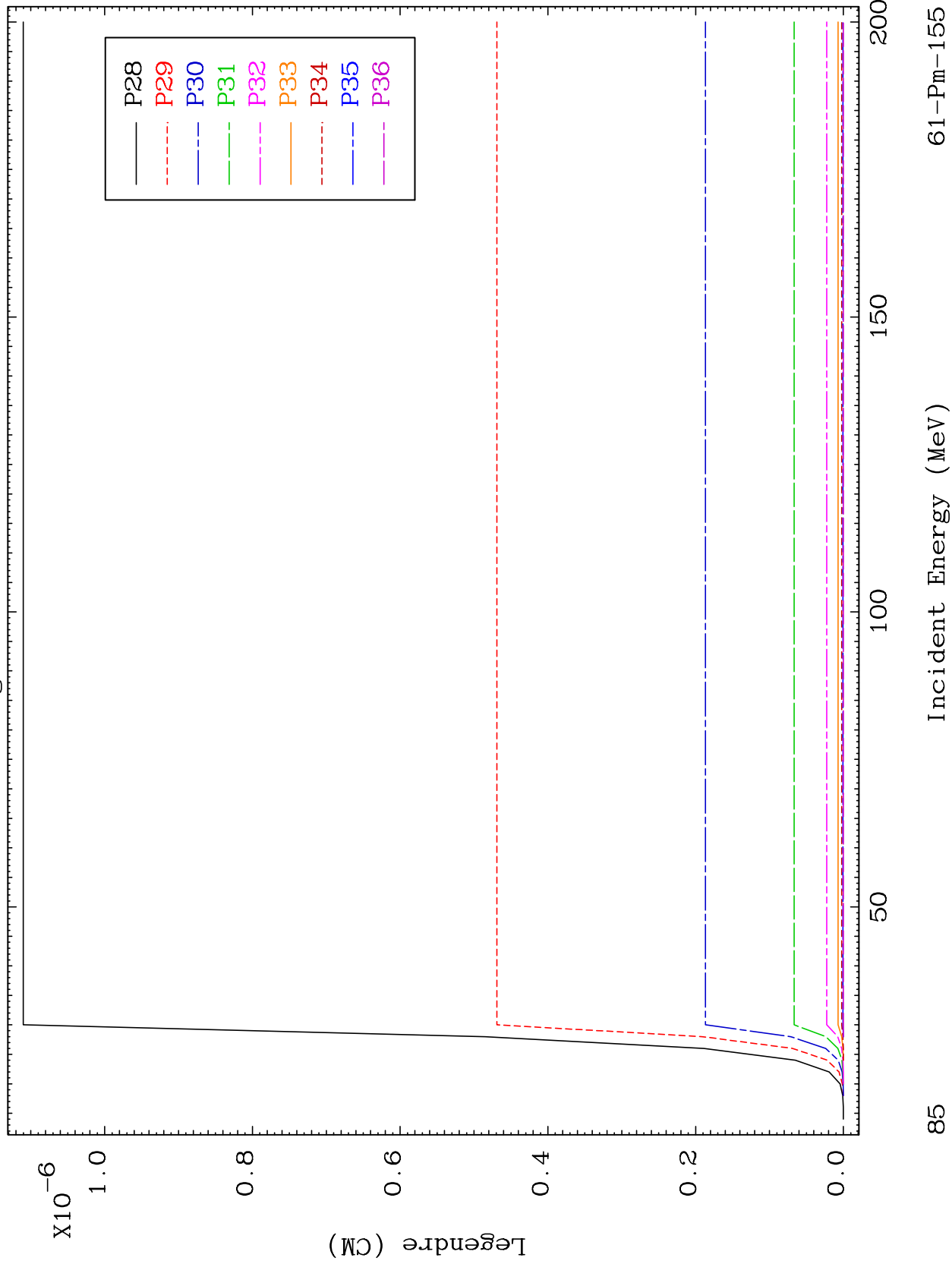
61-Pm-155



MAT 6173

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

61-Pm-155



85

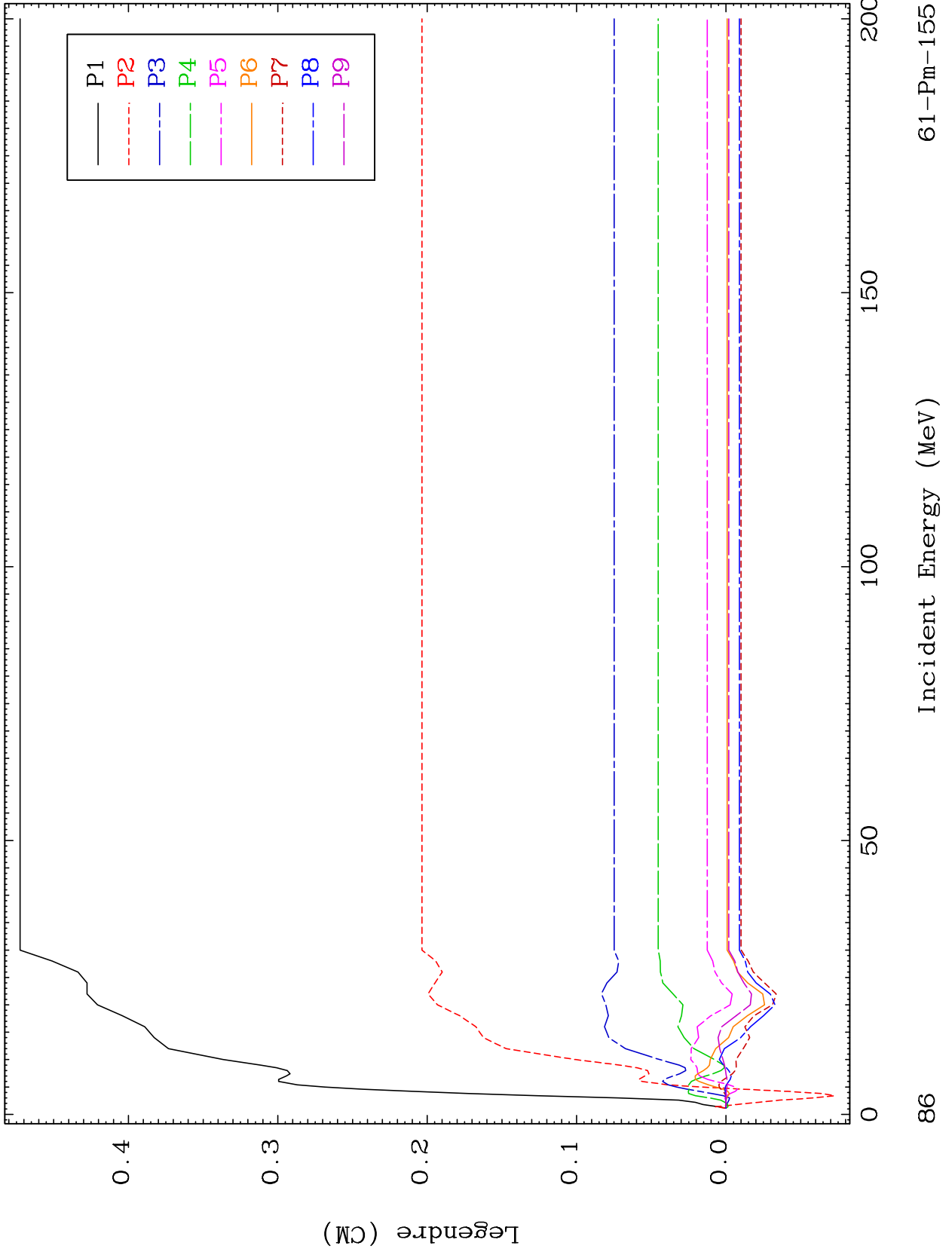
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

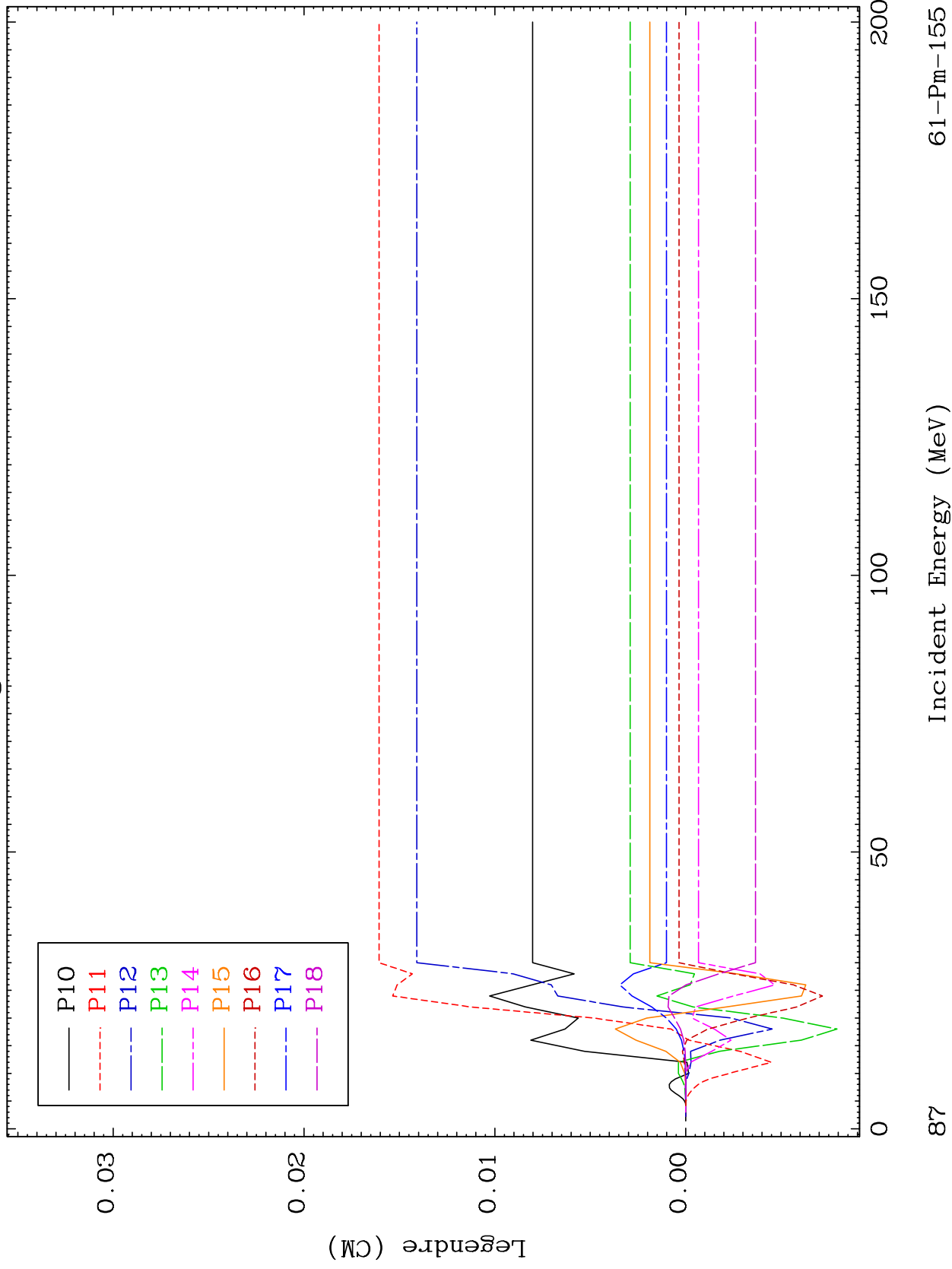
61-Pm-155



MAT 6173

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

61-Pm-155



87

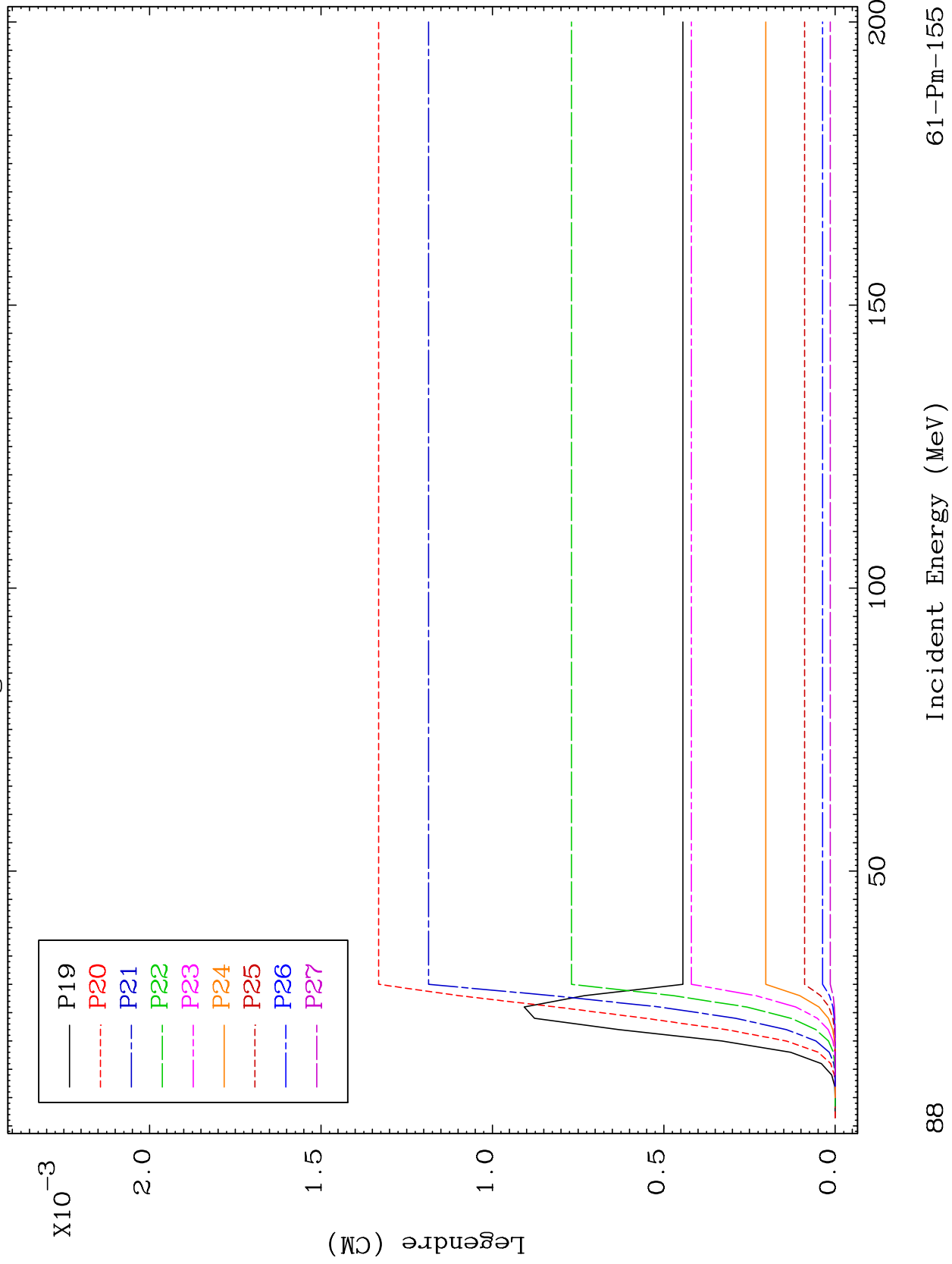
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155

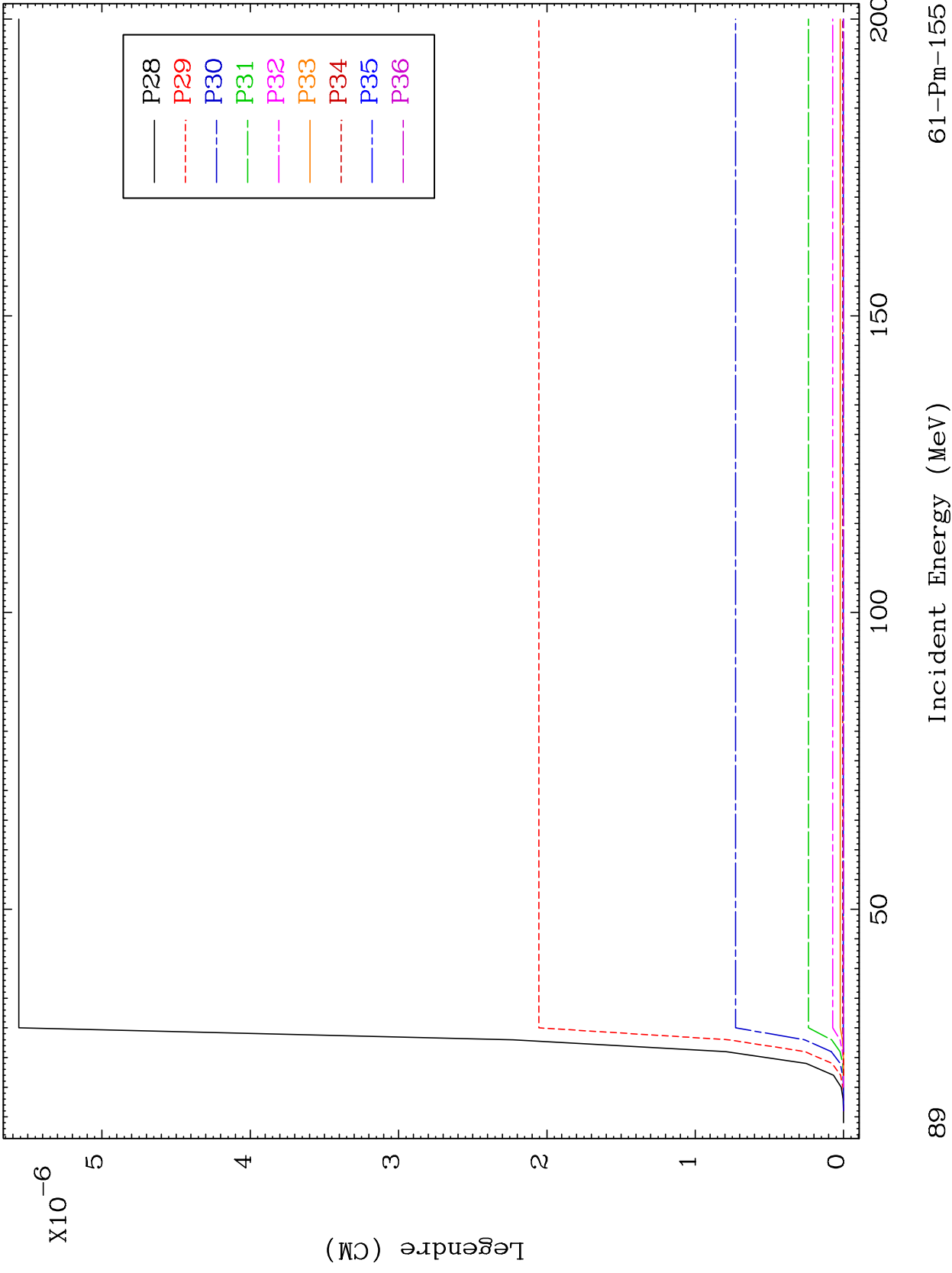


88

MAT 6173

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

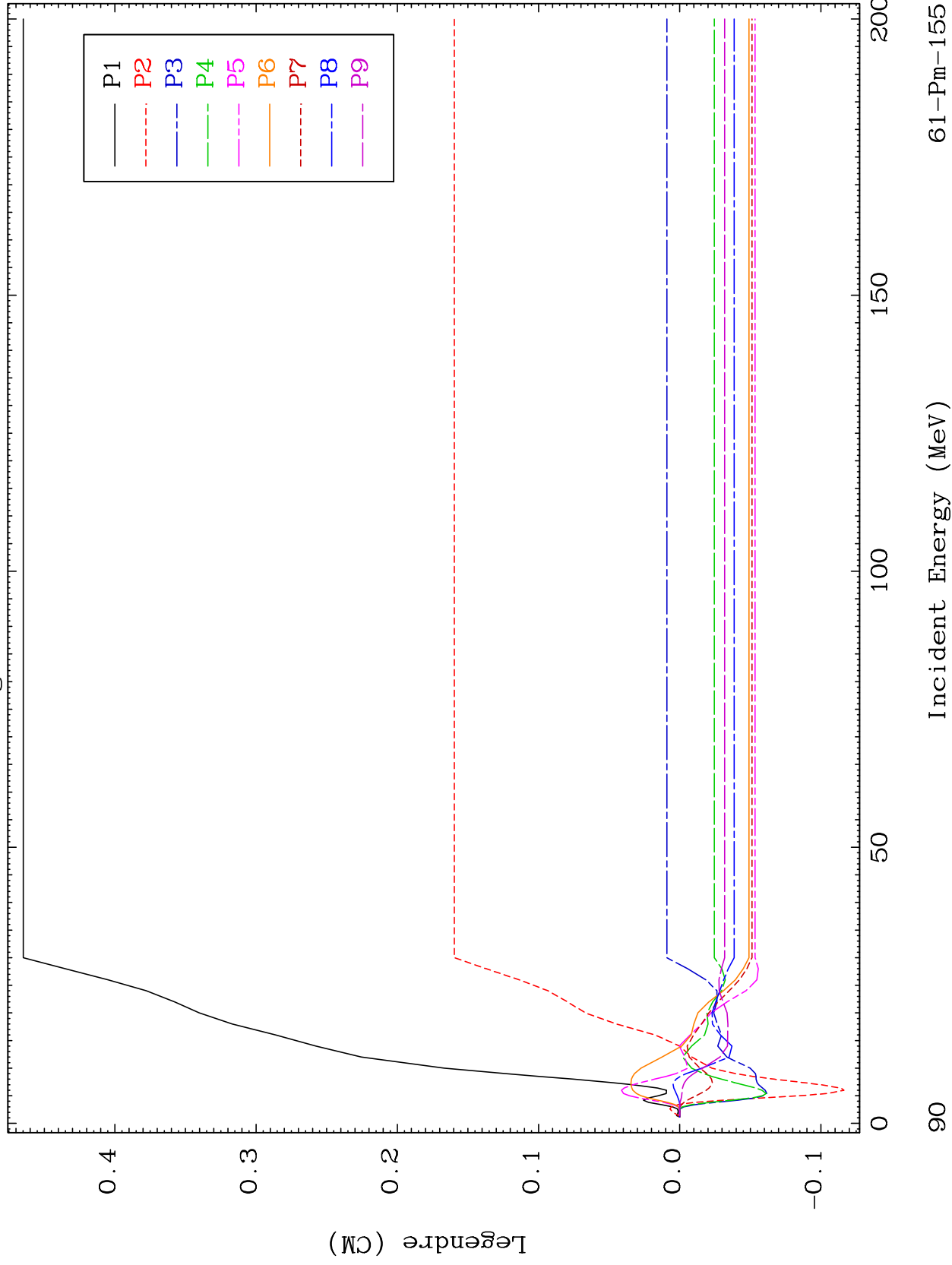
61-Pm-155



MAT 6173

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

61-Pm-155



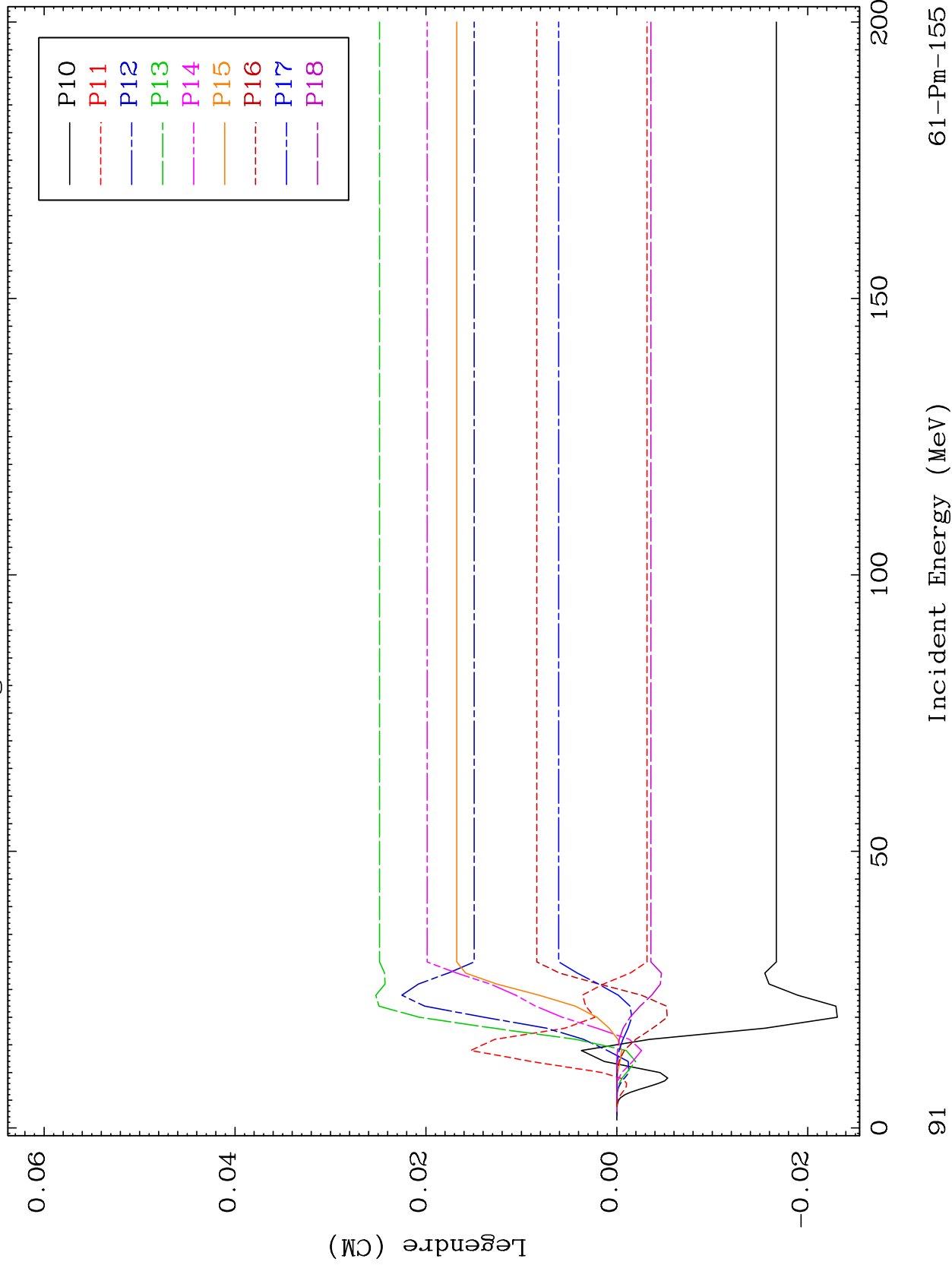
61-Pm-155

Incident Energy (MeV)

MAT 6173

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

61-Pm-155



91

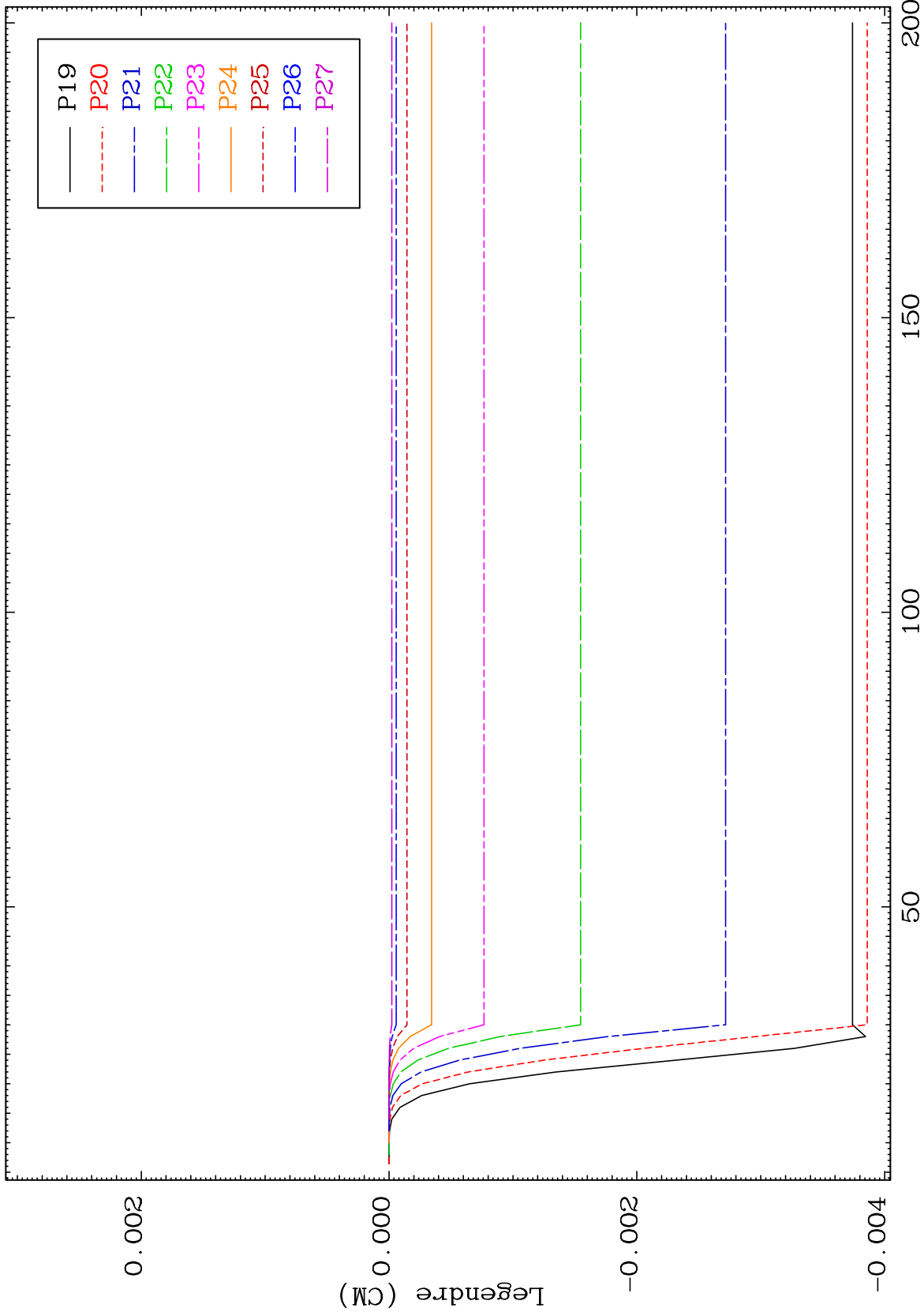
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

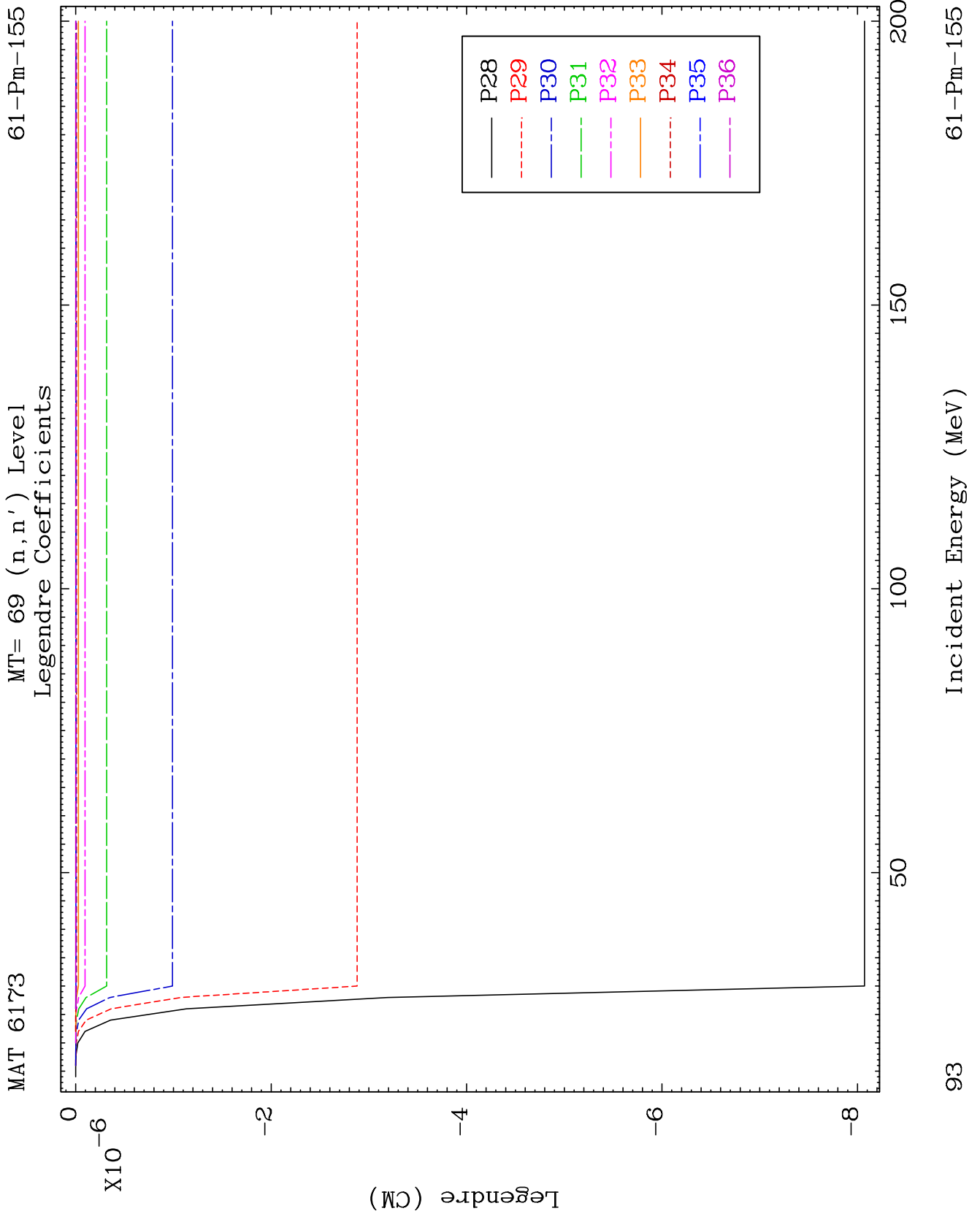
61-Pm-155



92

Incident Energy (MeV)

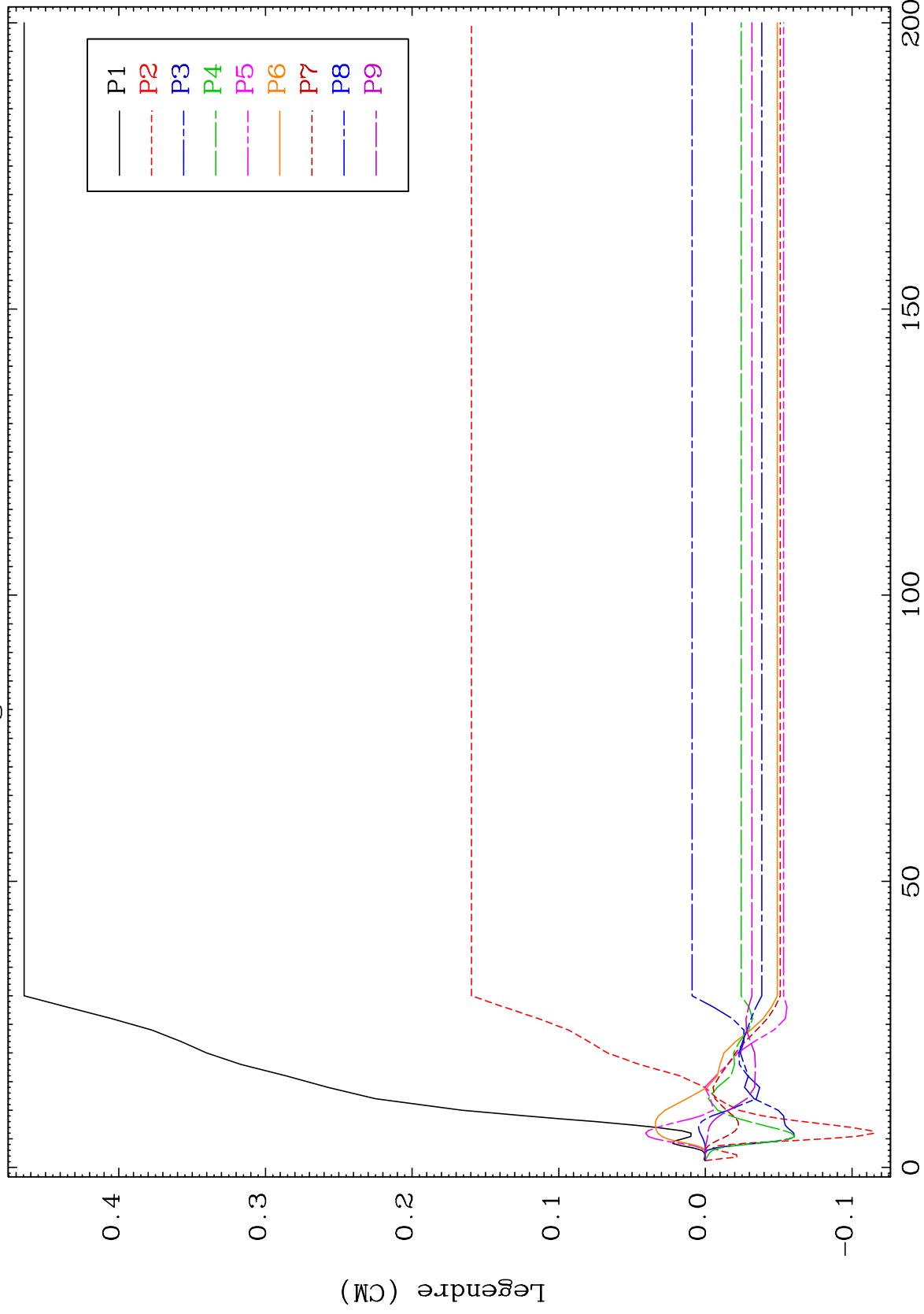
61-Pm-155



MAT 6173

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

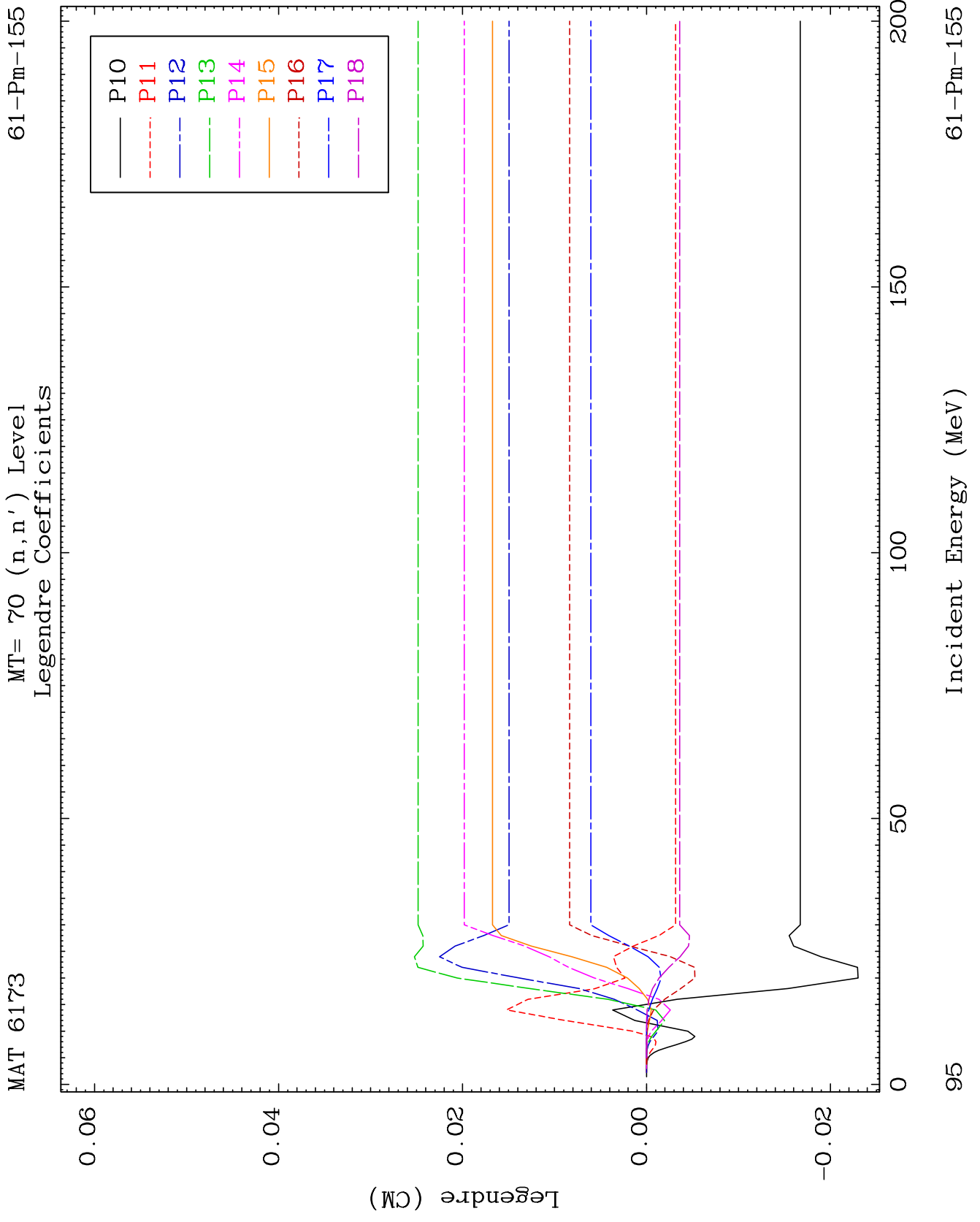
61-Pm-155



94

Incident Energy (MeV)

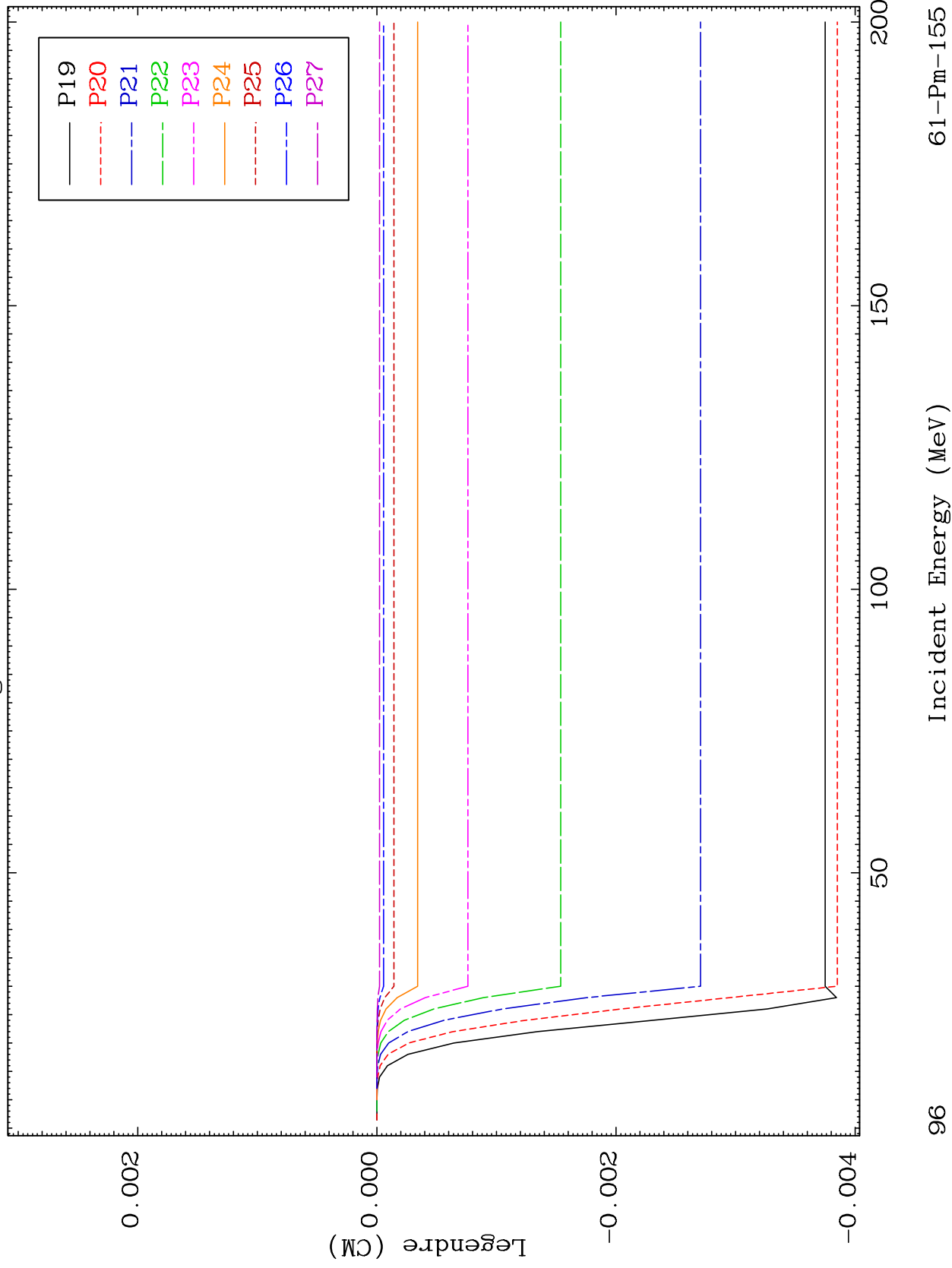
61-Pm-155



MAT 6173

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

61-Pm-155



96

Incident Energy (MeV)

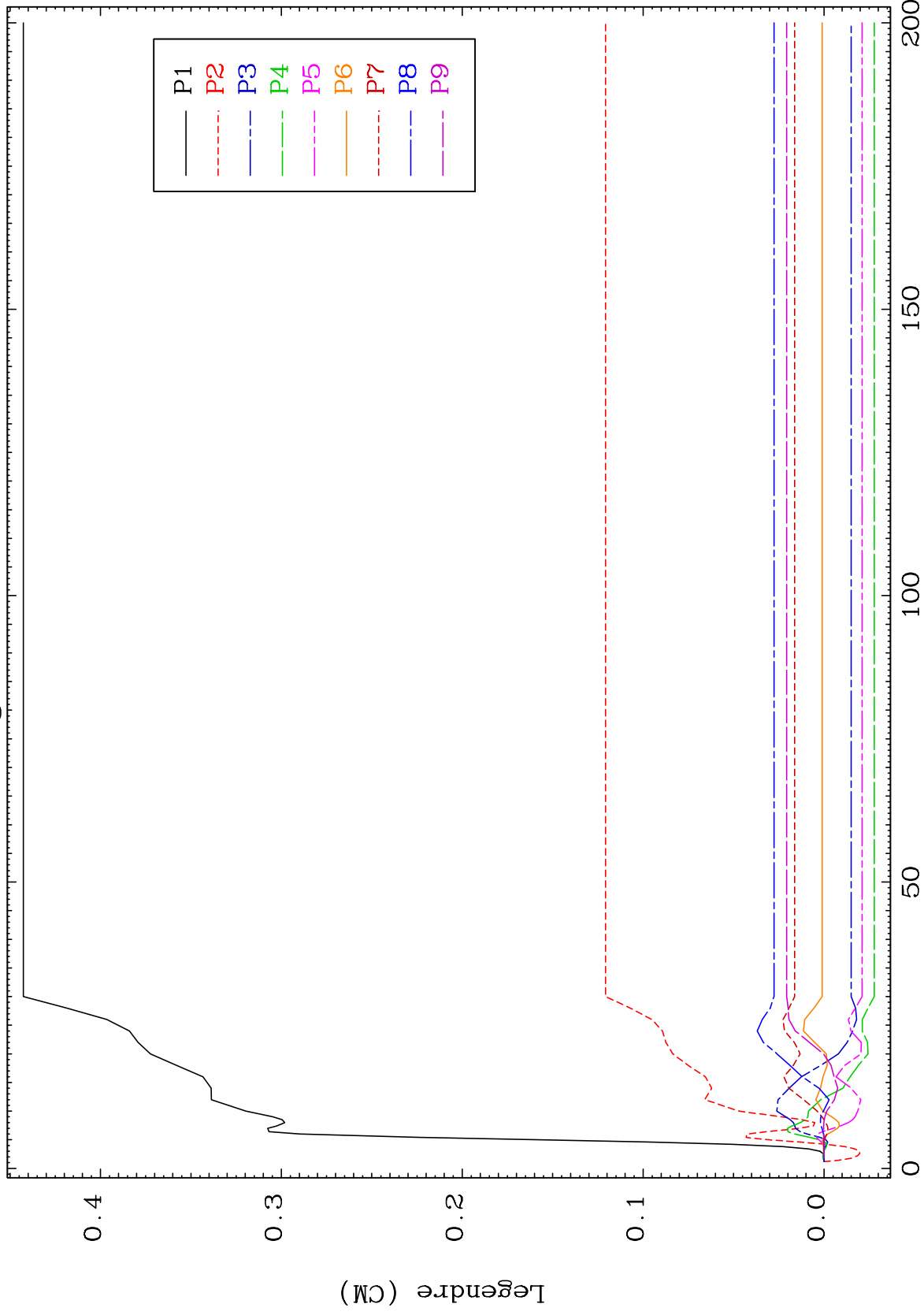
61-Pm-155

MAT 6173

MT= 71 (n,n') Level

61-Pm-155

Legendre Coefficients



98

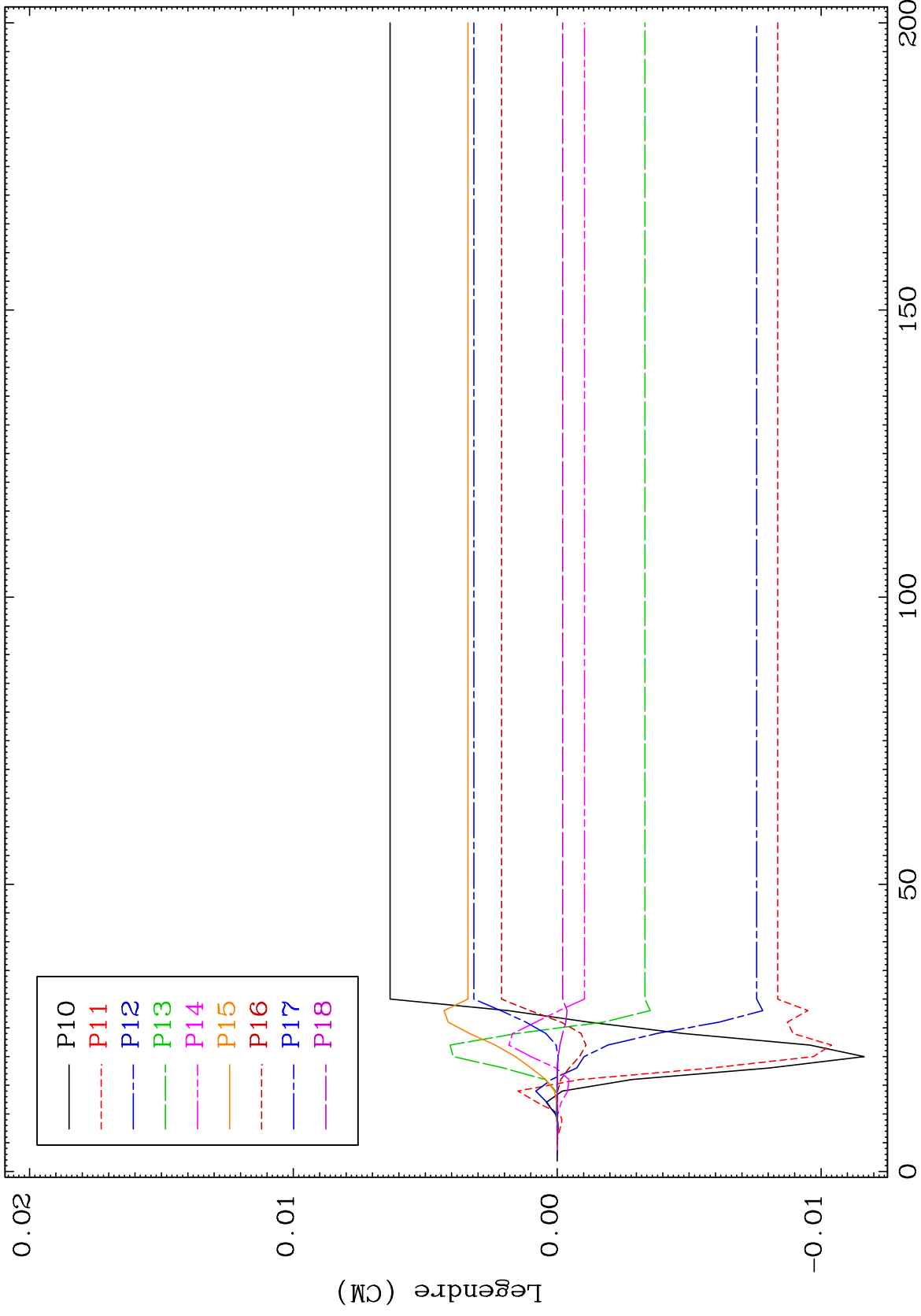
Incident Energy (MeV)

61-Pm-155

MAT 6173

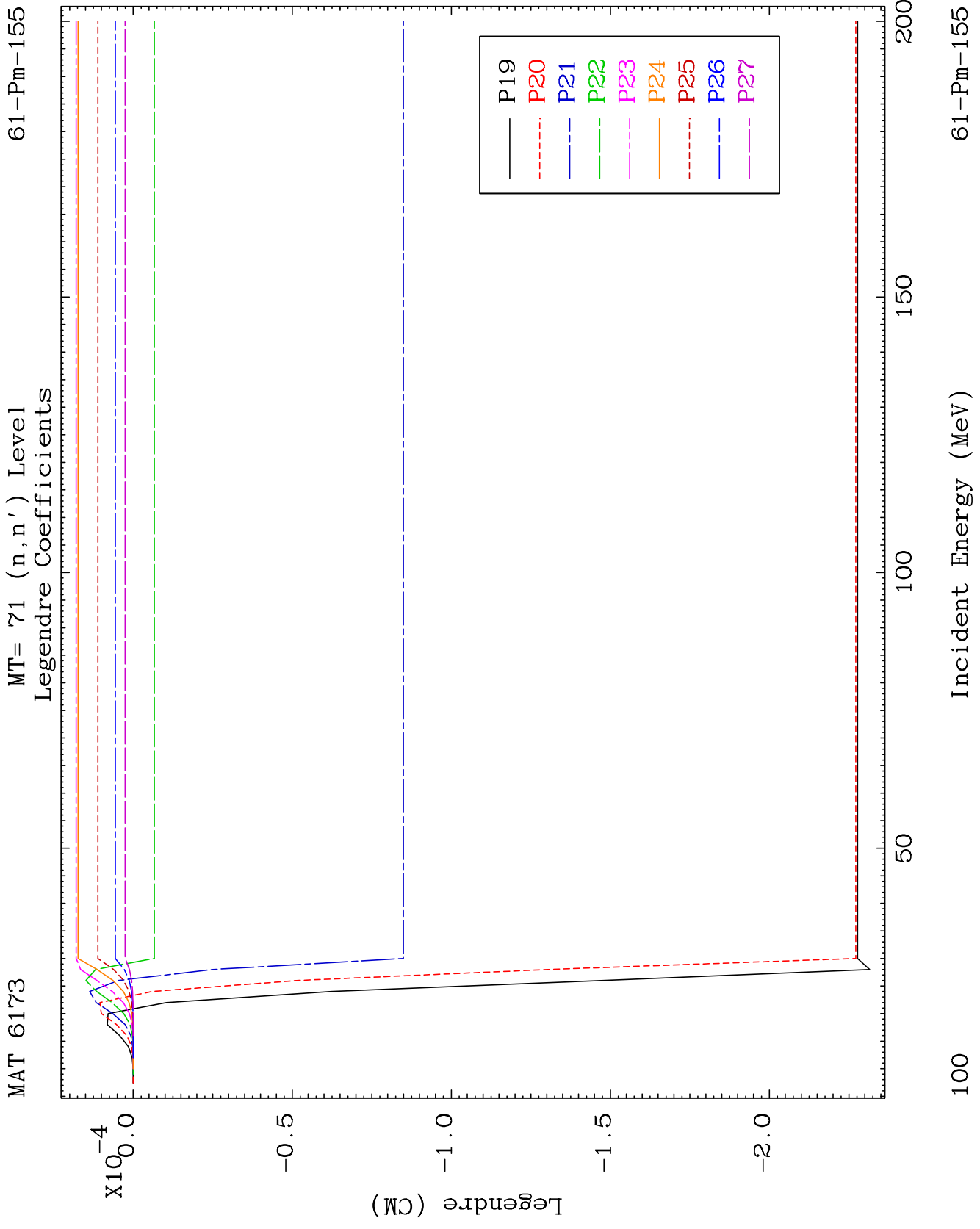
MT= 71 (n,n') Level
Legendre Coefficients

61-Pm-155



99

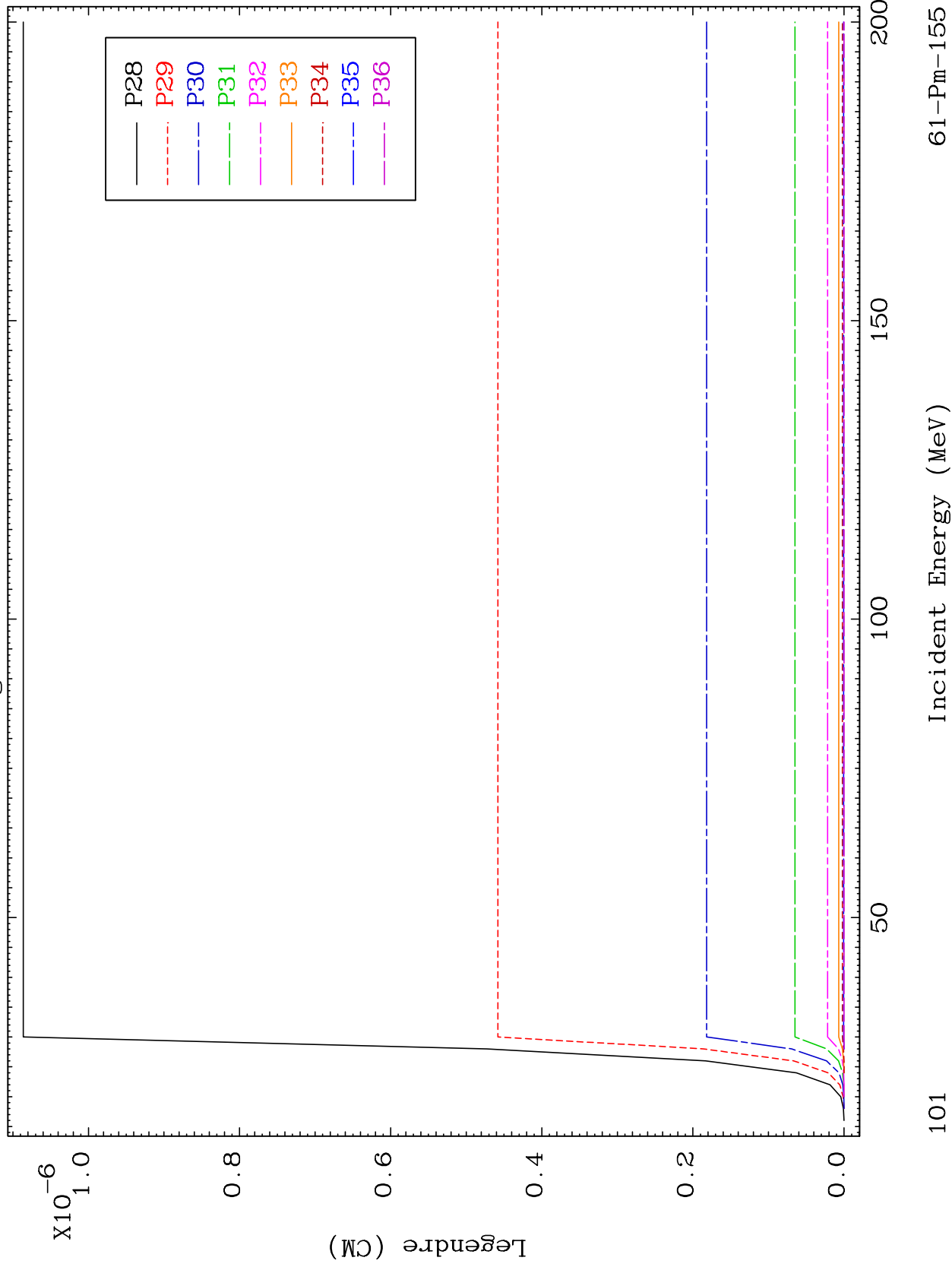
61-Pm-155



MAT 6173

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

61-Pm-155



101

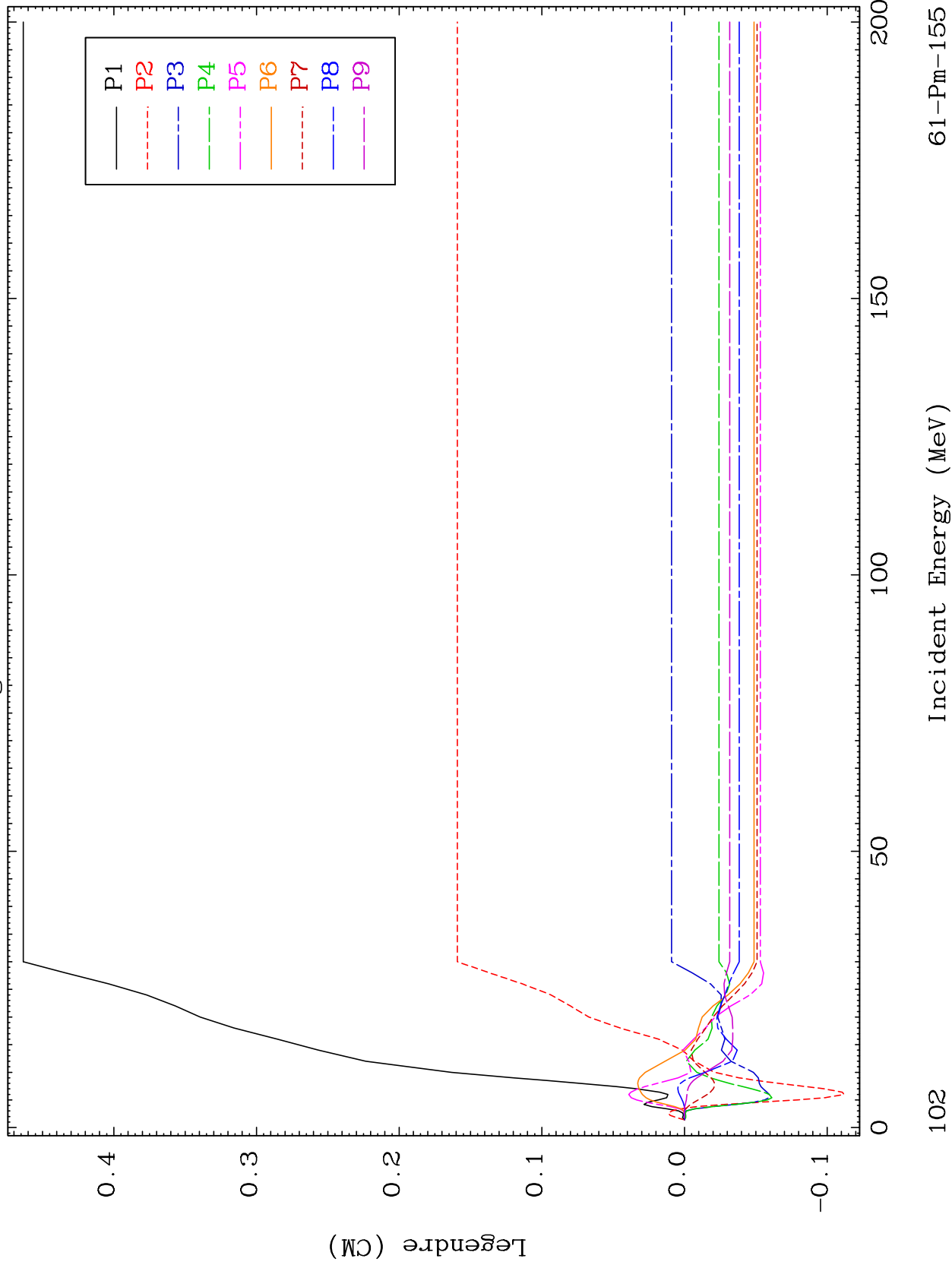
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

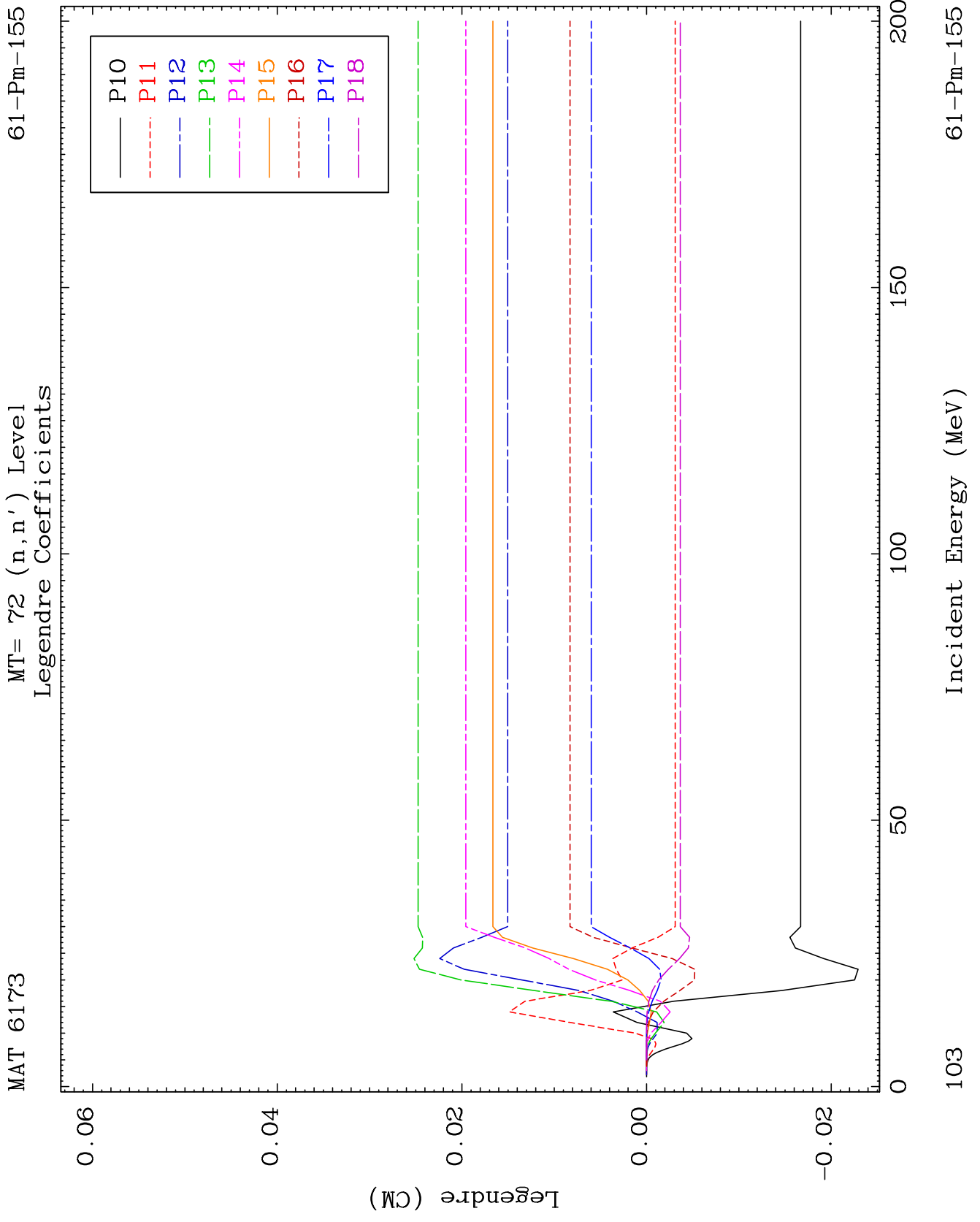
61-Pm-155



102

Incident Energy (MeV)

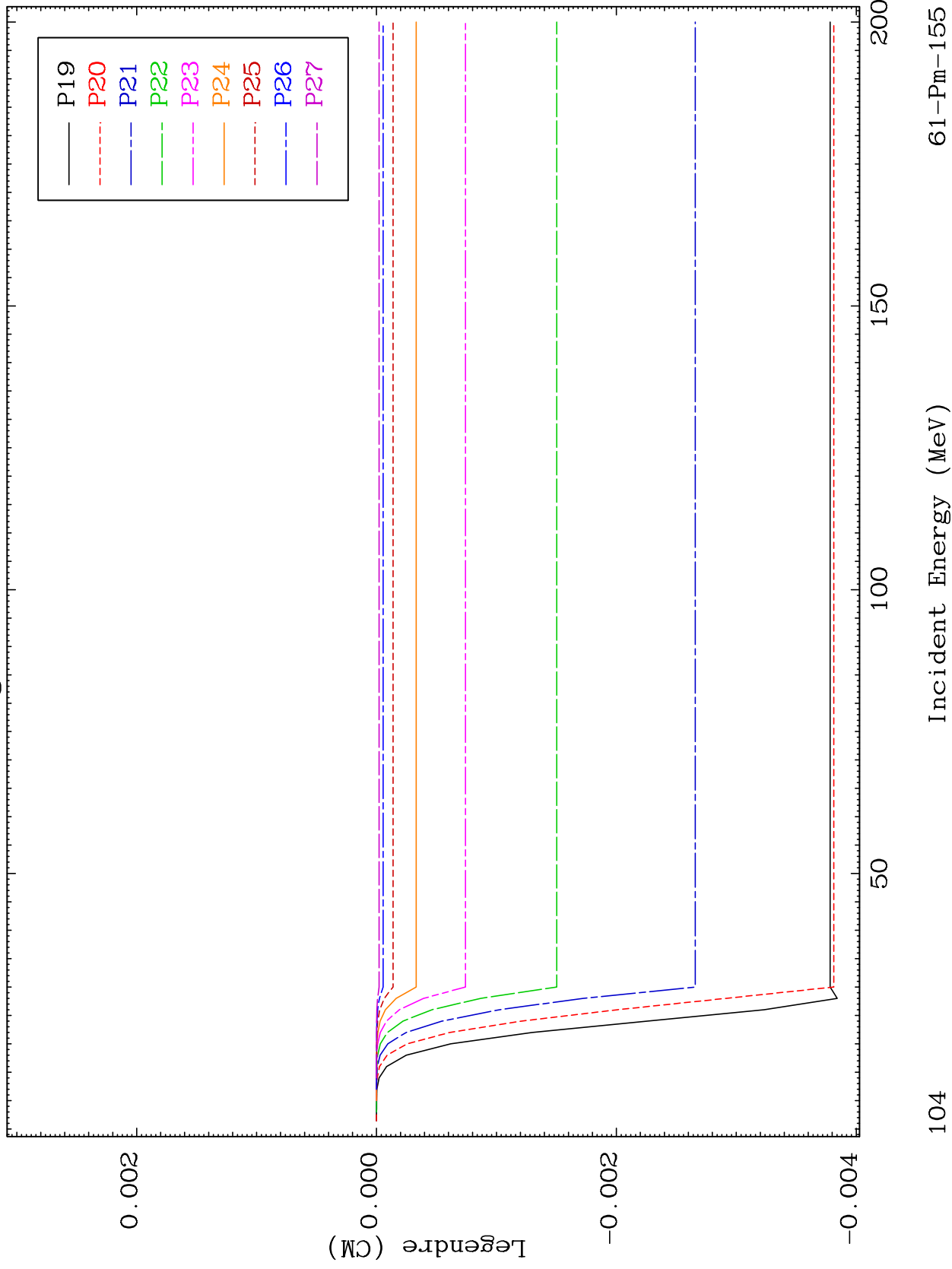
61-Pm-155



MAT 6173

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

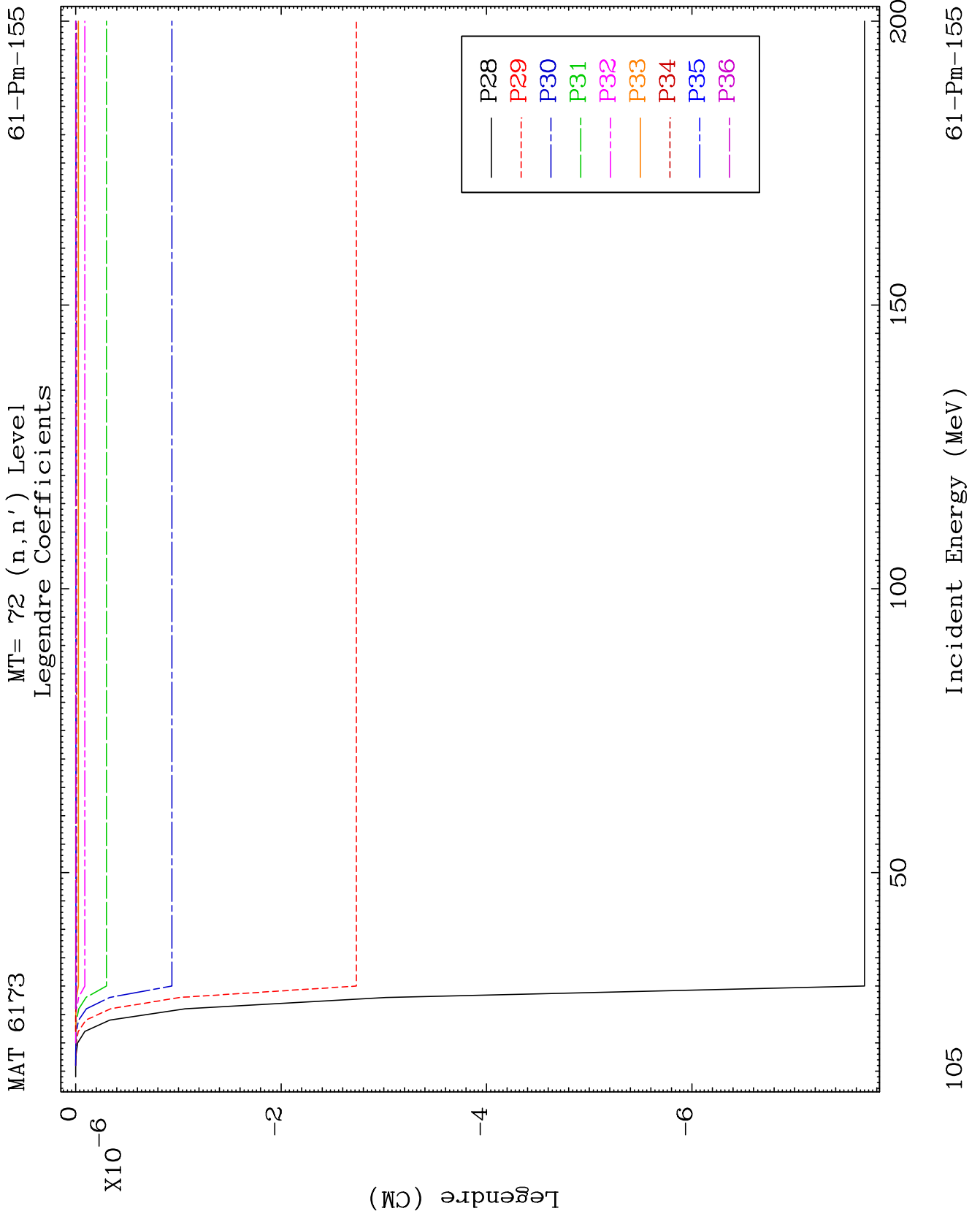
61-Pm-155



61-Pm-155

Incident Energy (MeV)

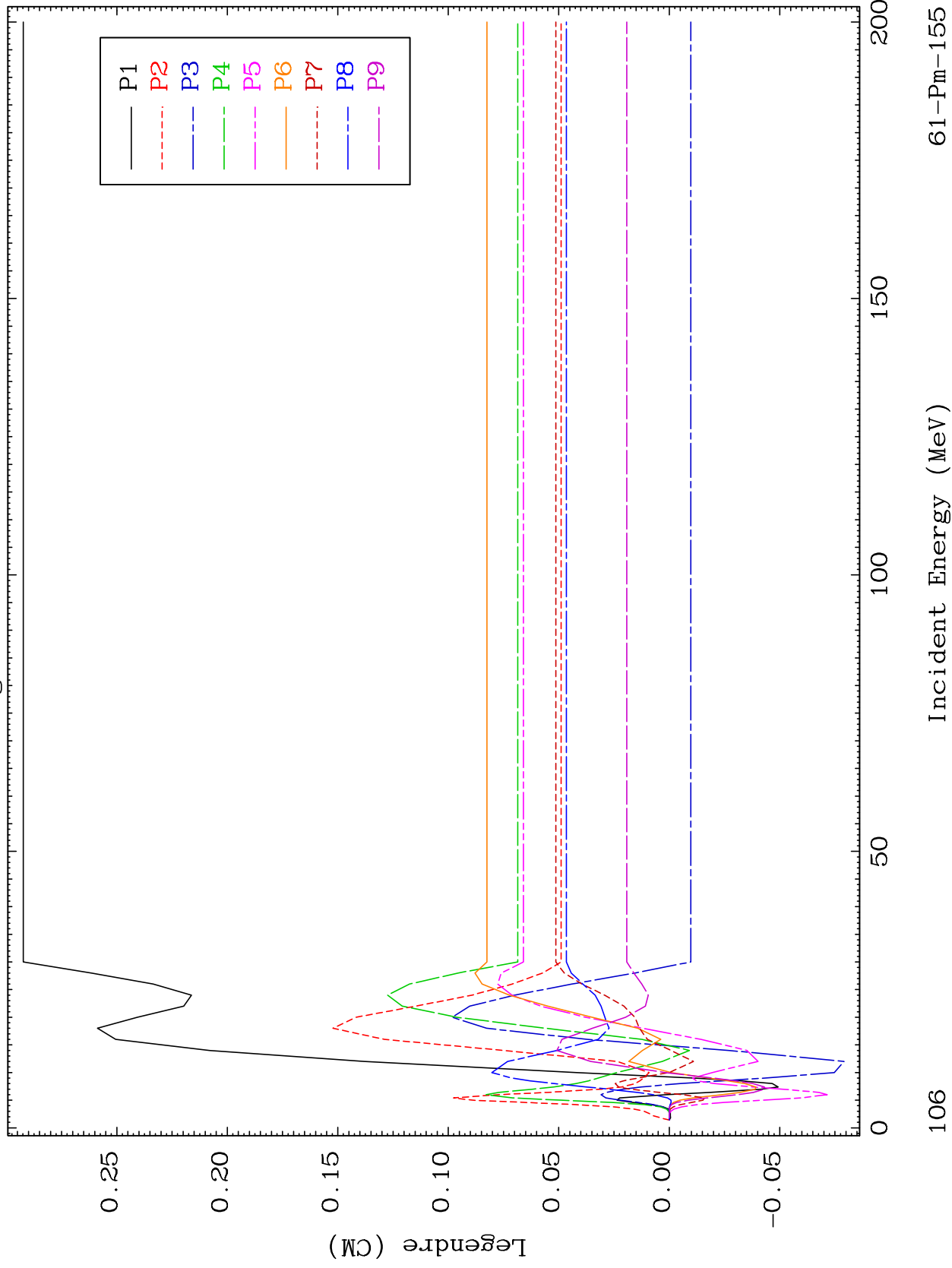
104



MAT 6173

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

61-Pm-155



106

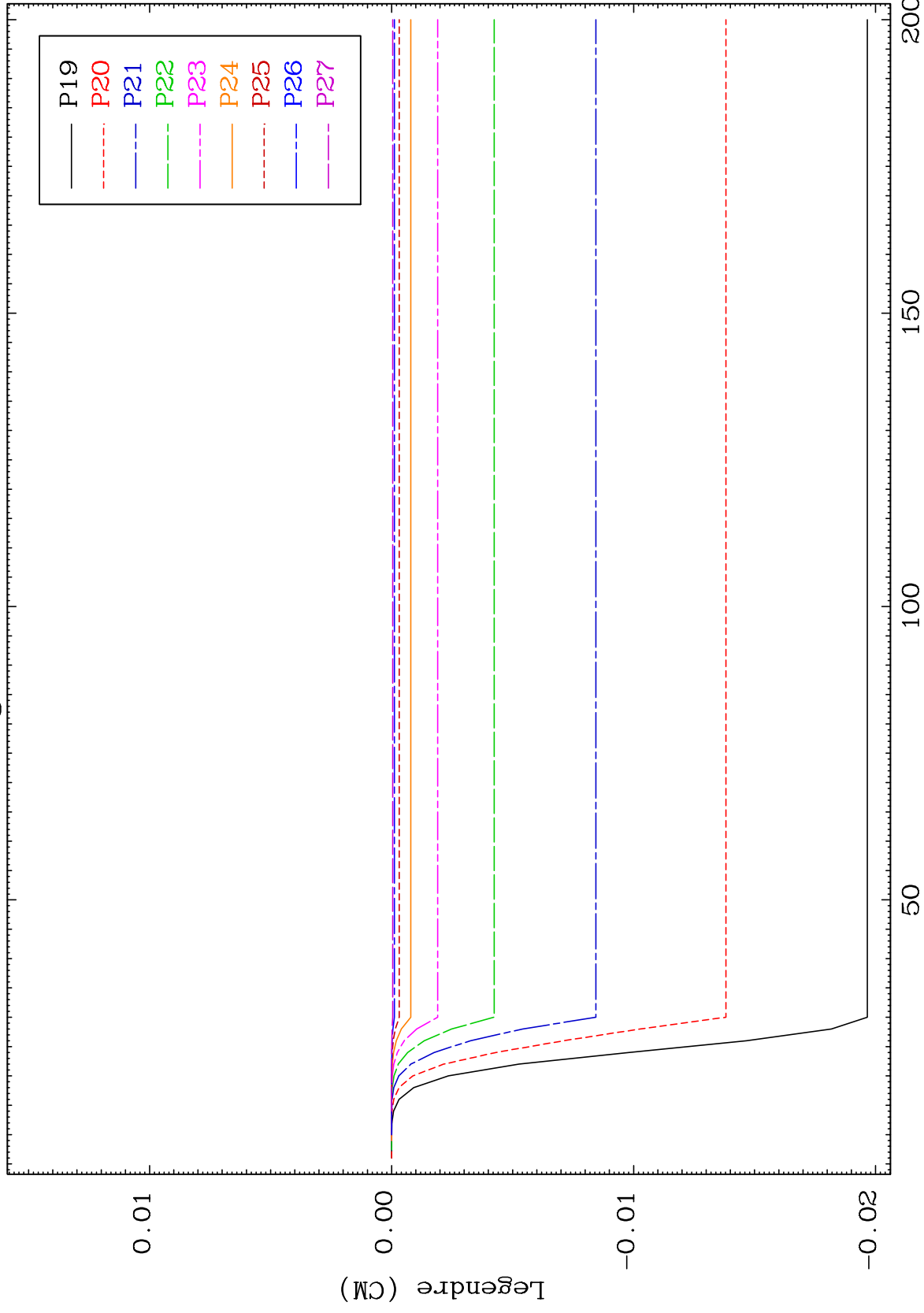
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



108

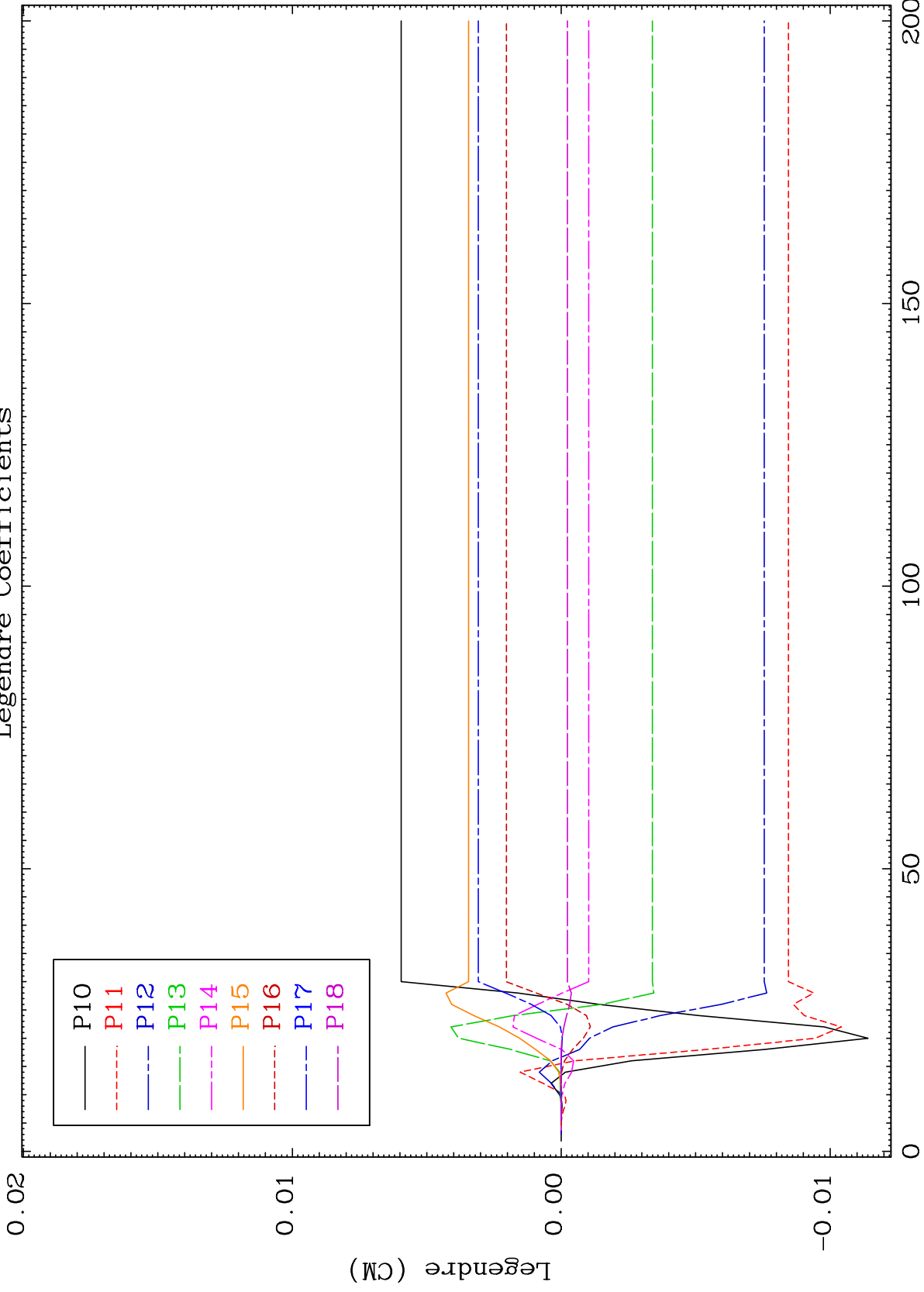
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

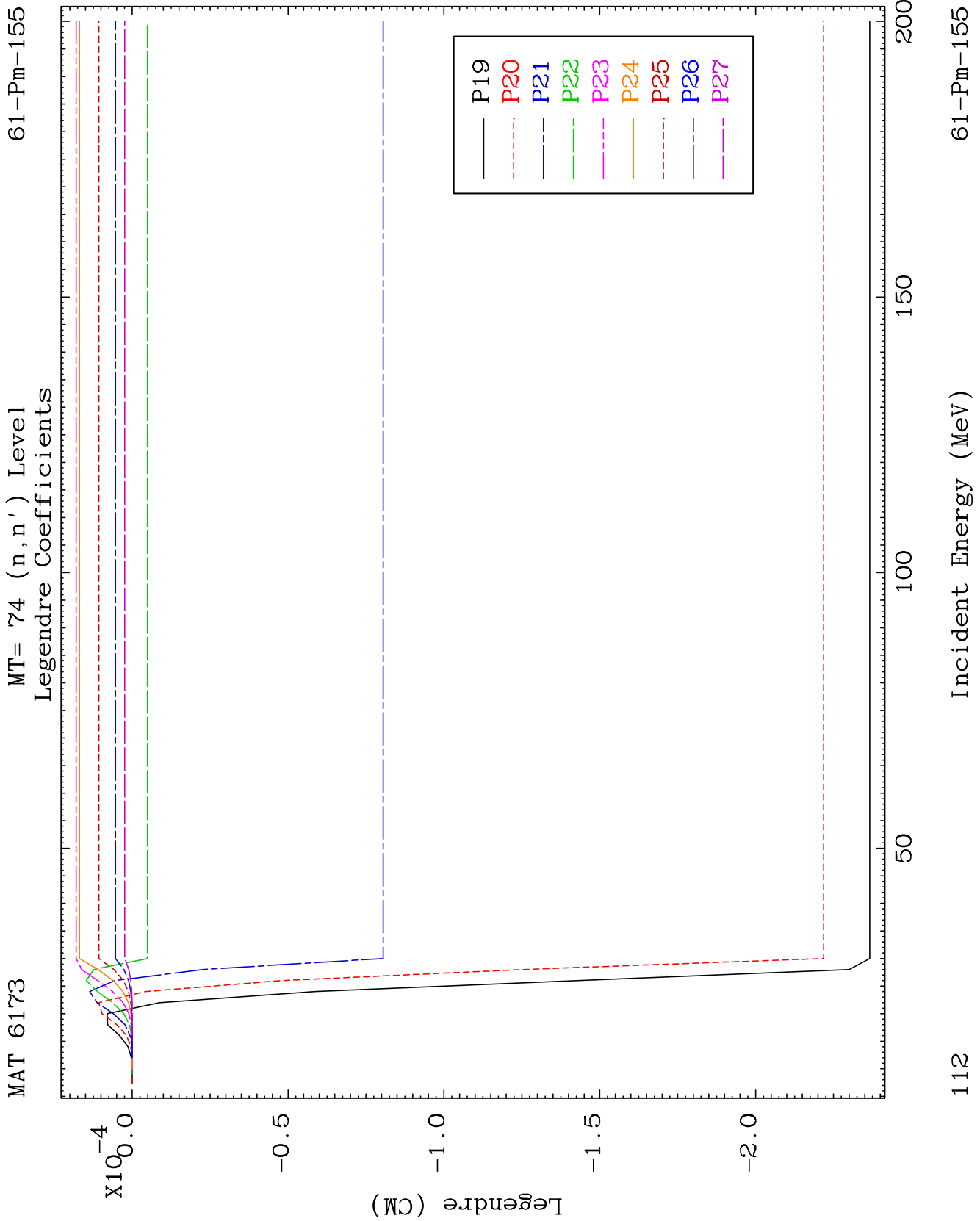
61-Pm-155



111

Incident Energy (MeV)

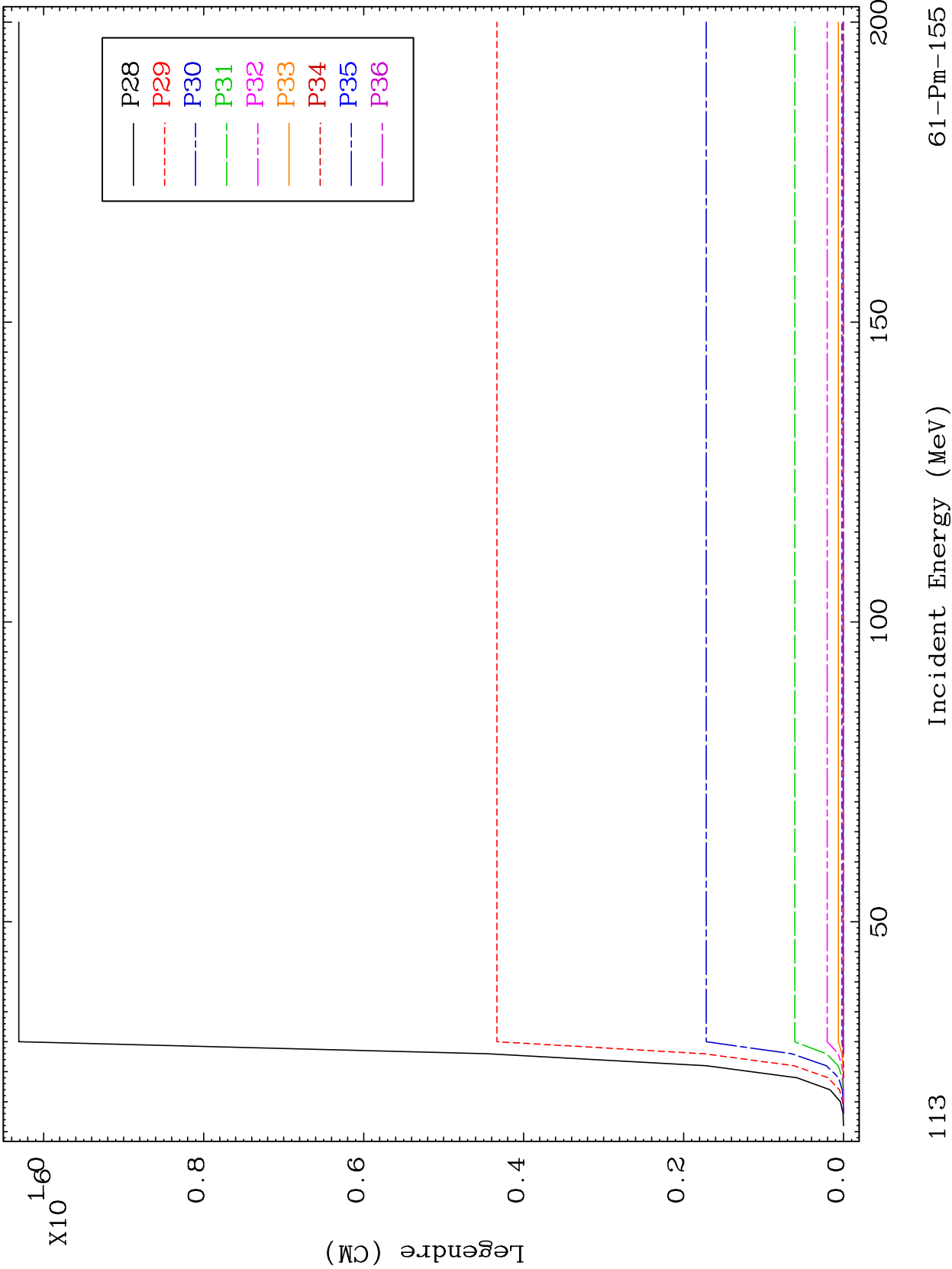
61-Pm-155



MAT 6173

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

61-Pm-155



113

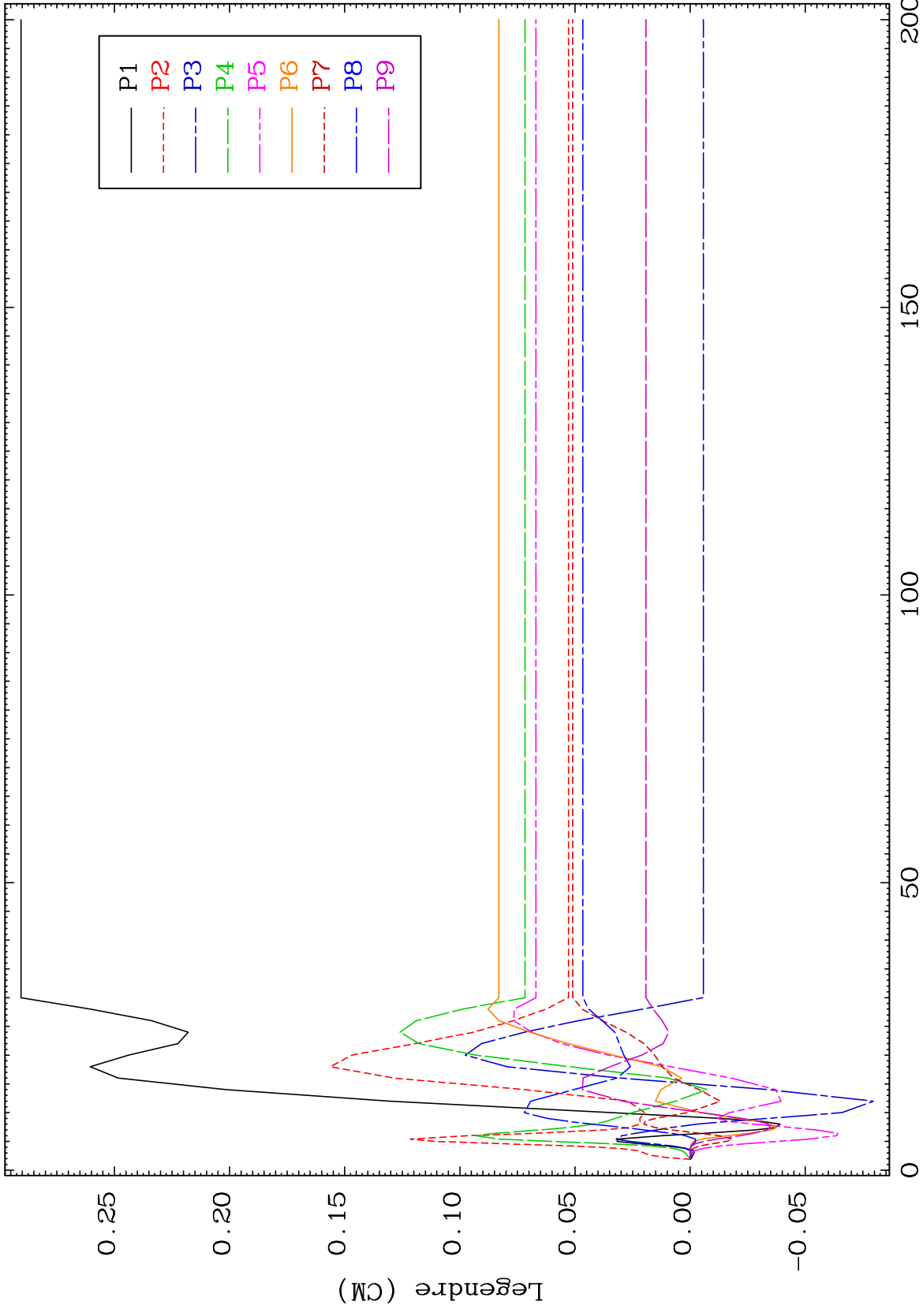
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



114

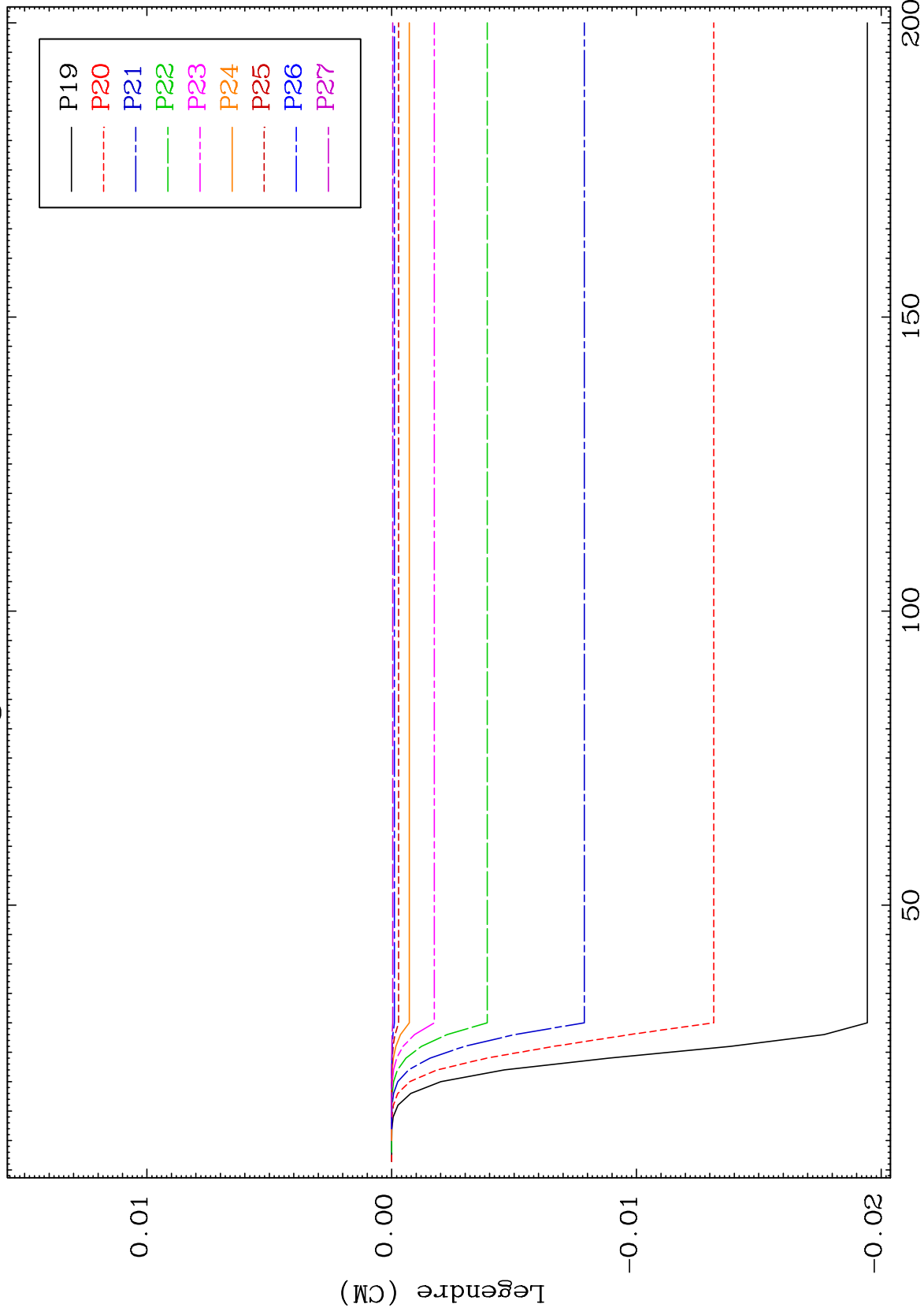
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



116

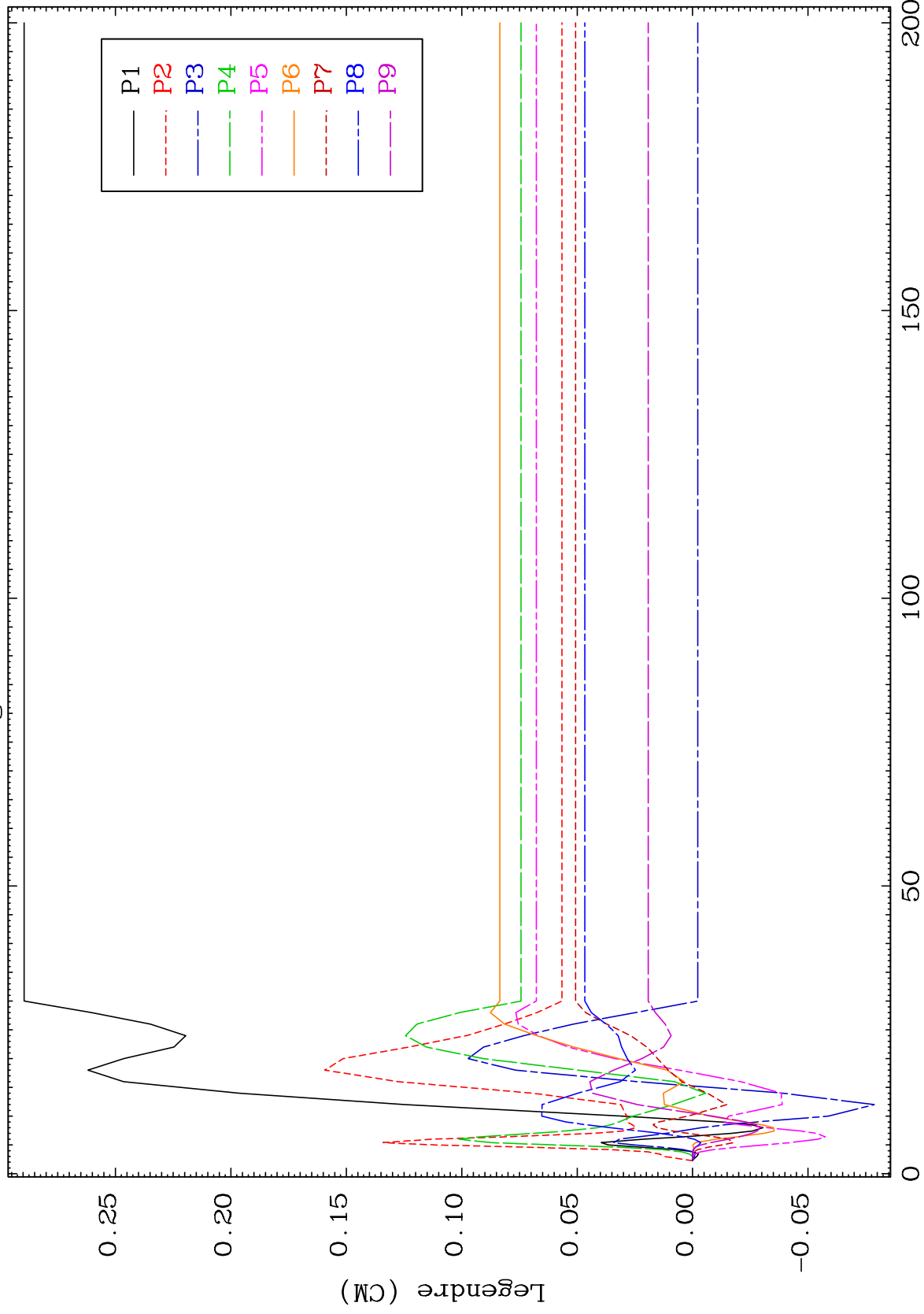
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



118

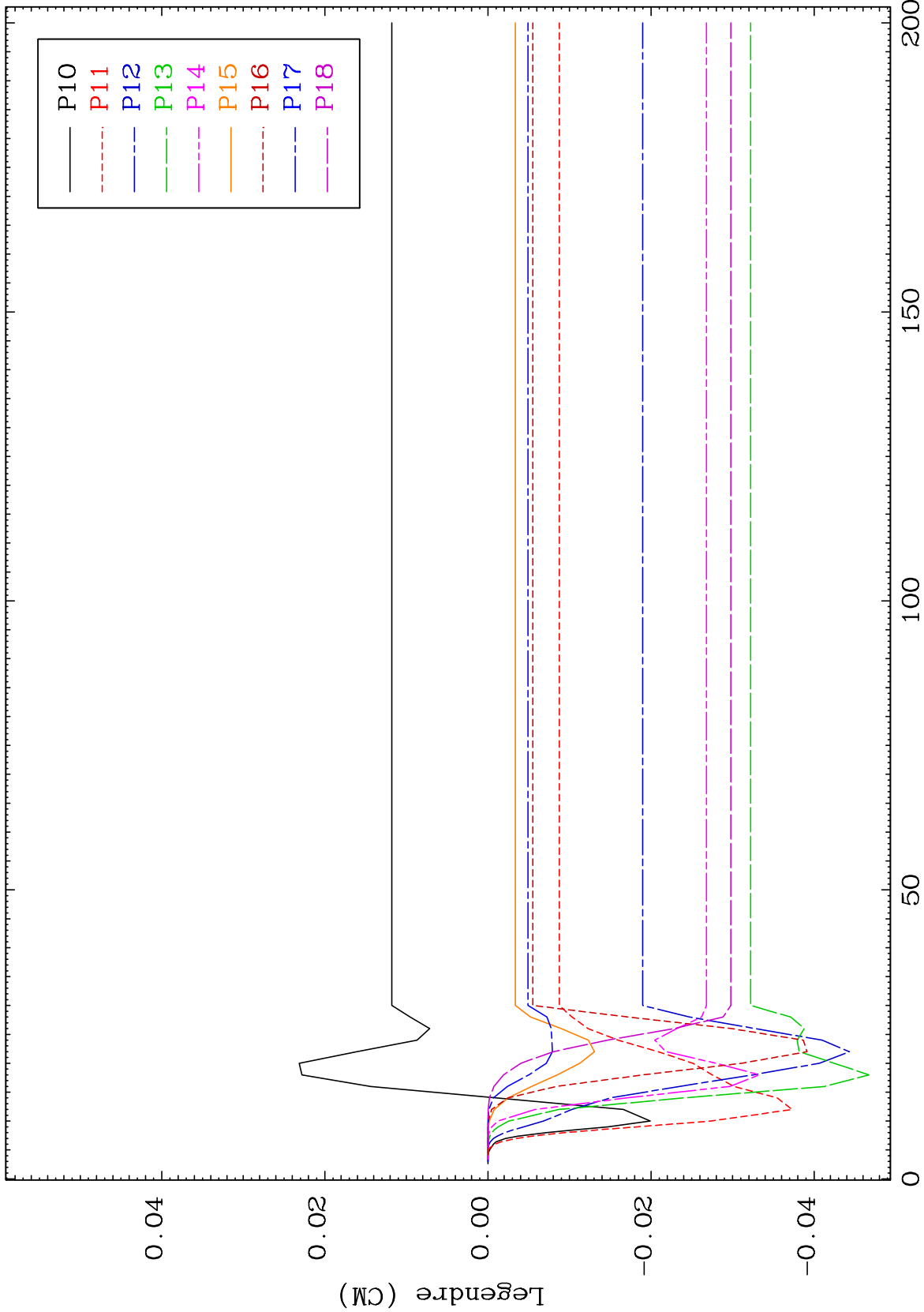
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



119

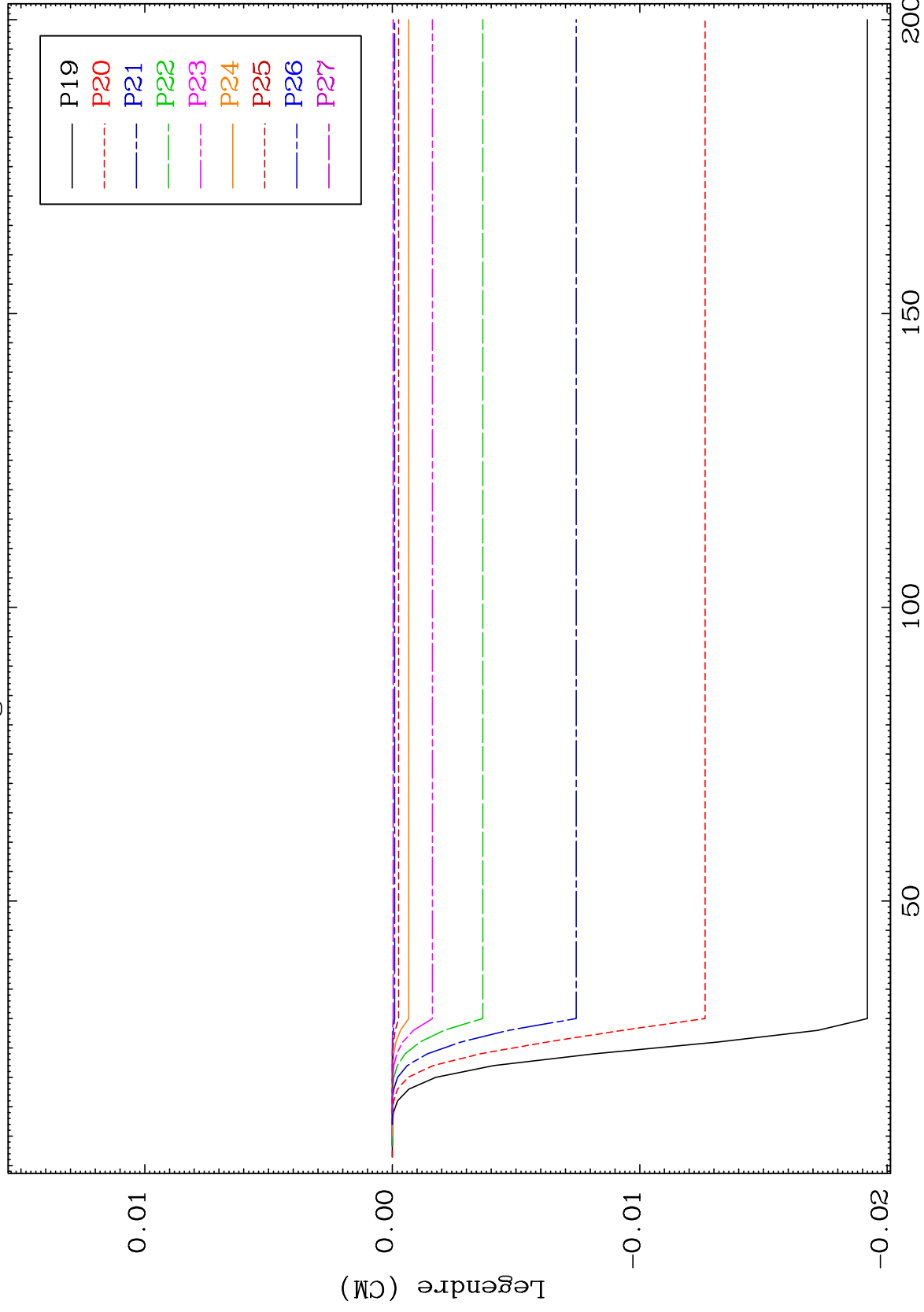
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

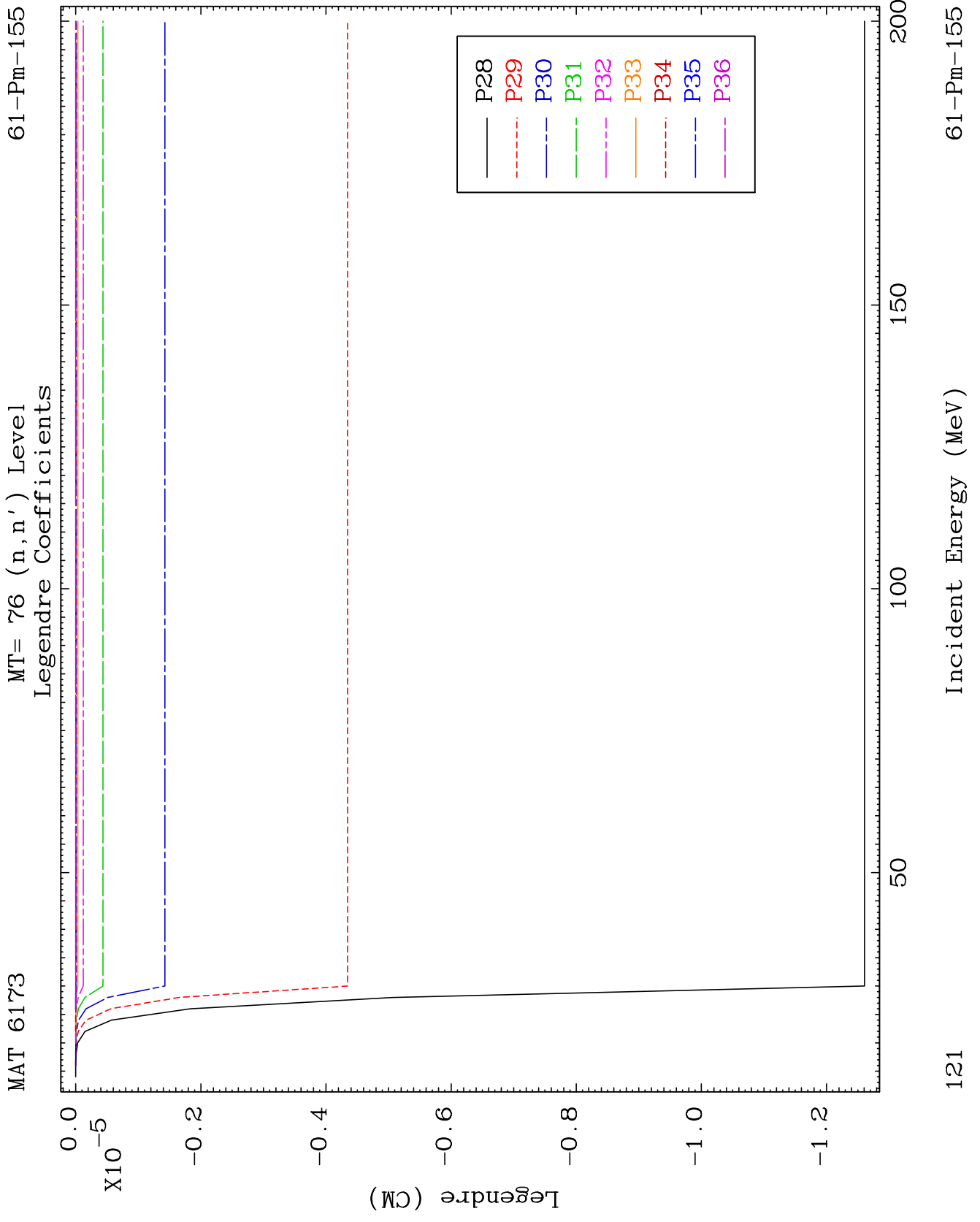
61-Pm-155

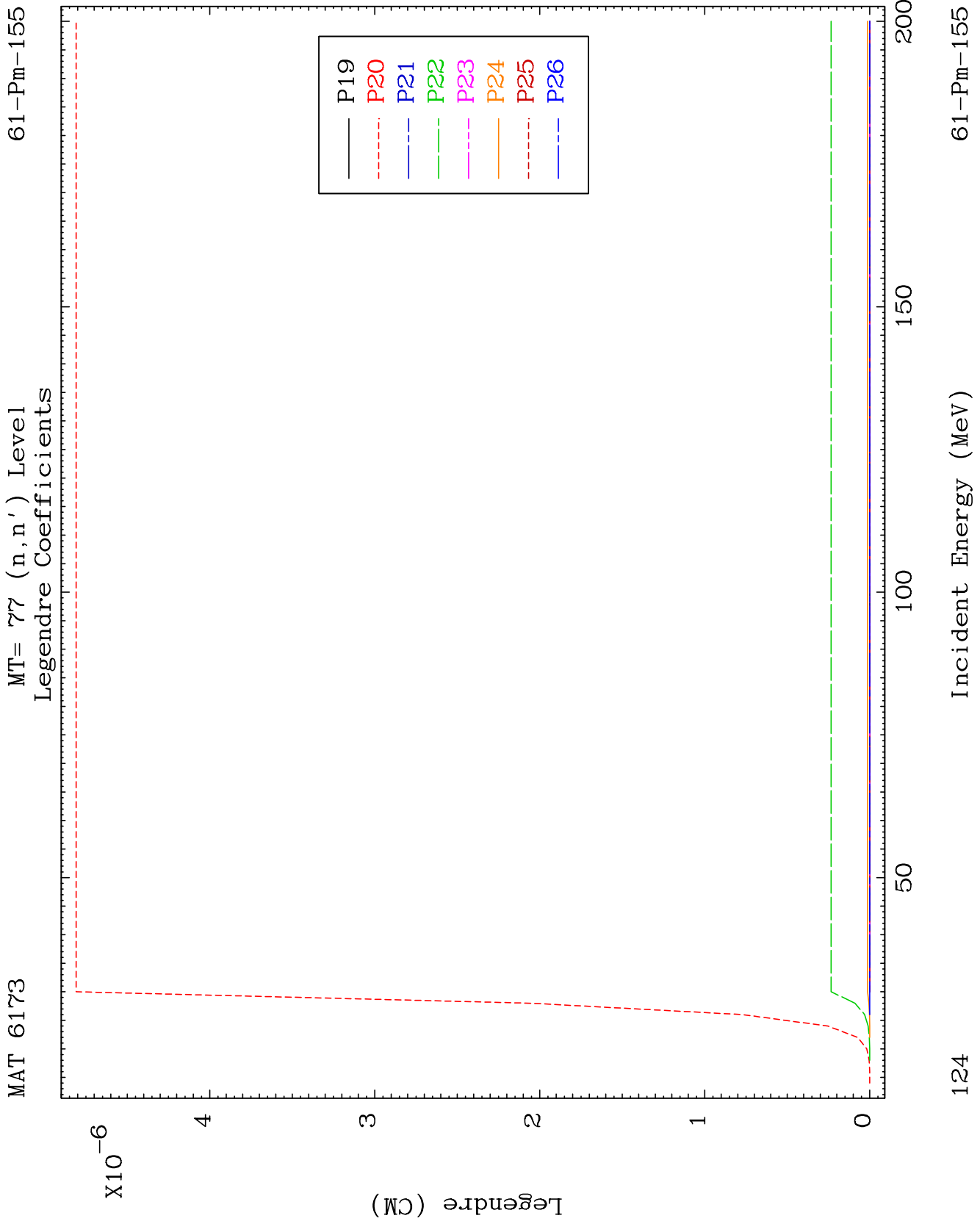


61-Pm-155

Incident Energy (MeV)

120

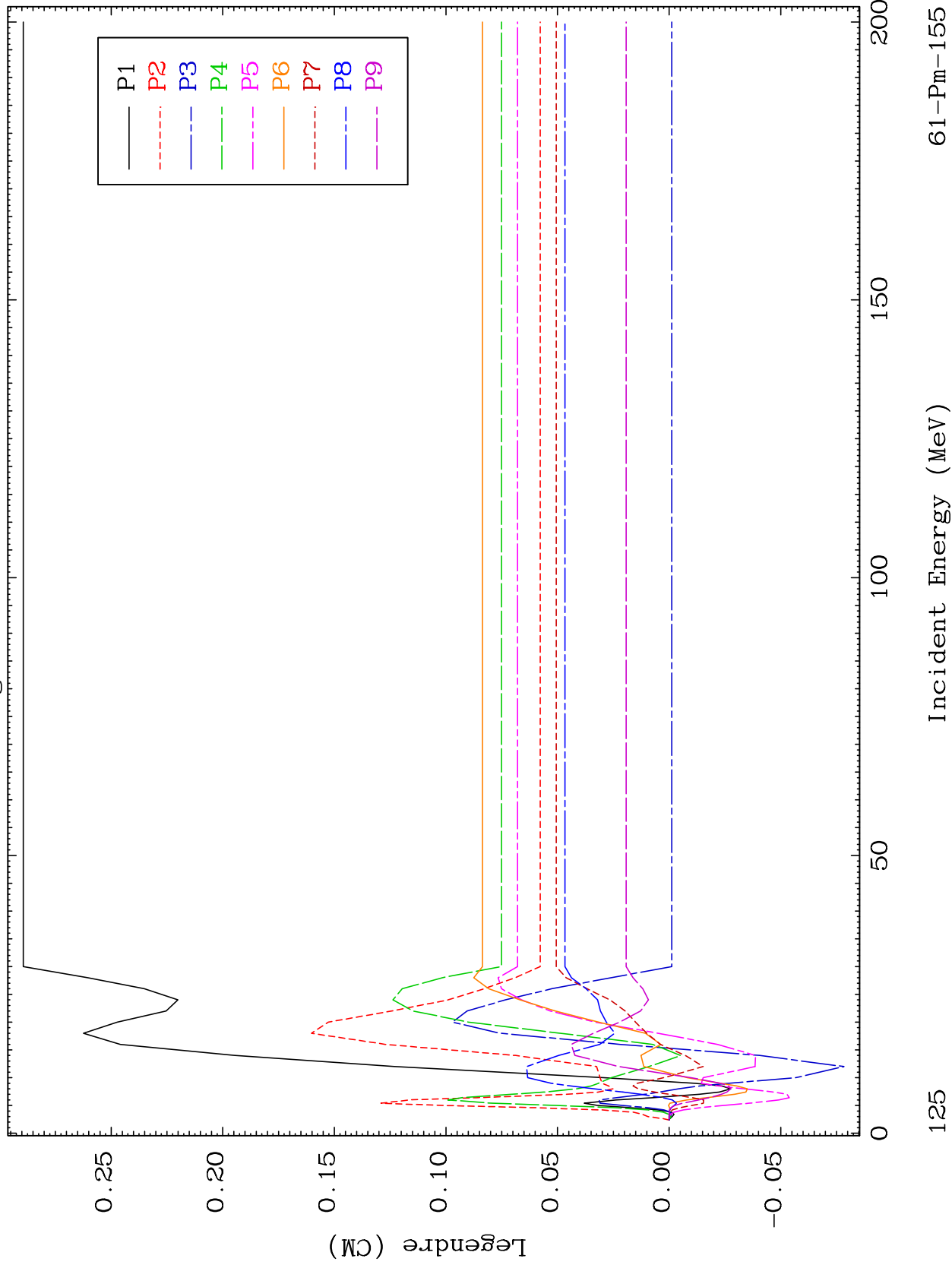




MAT 6173

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

61-Pm-155



61-Pm-155

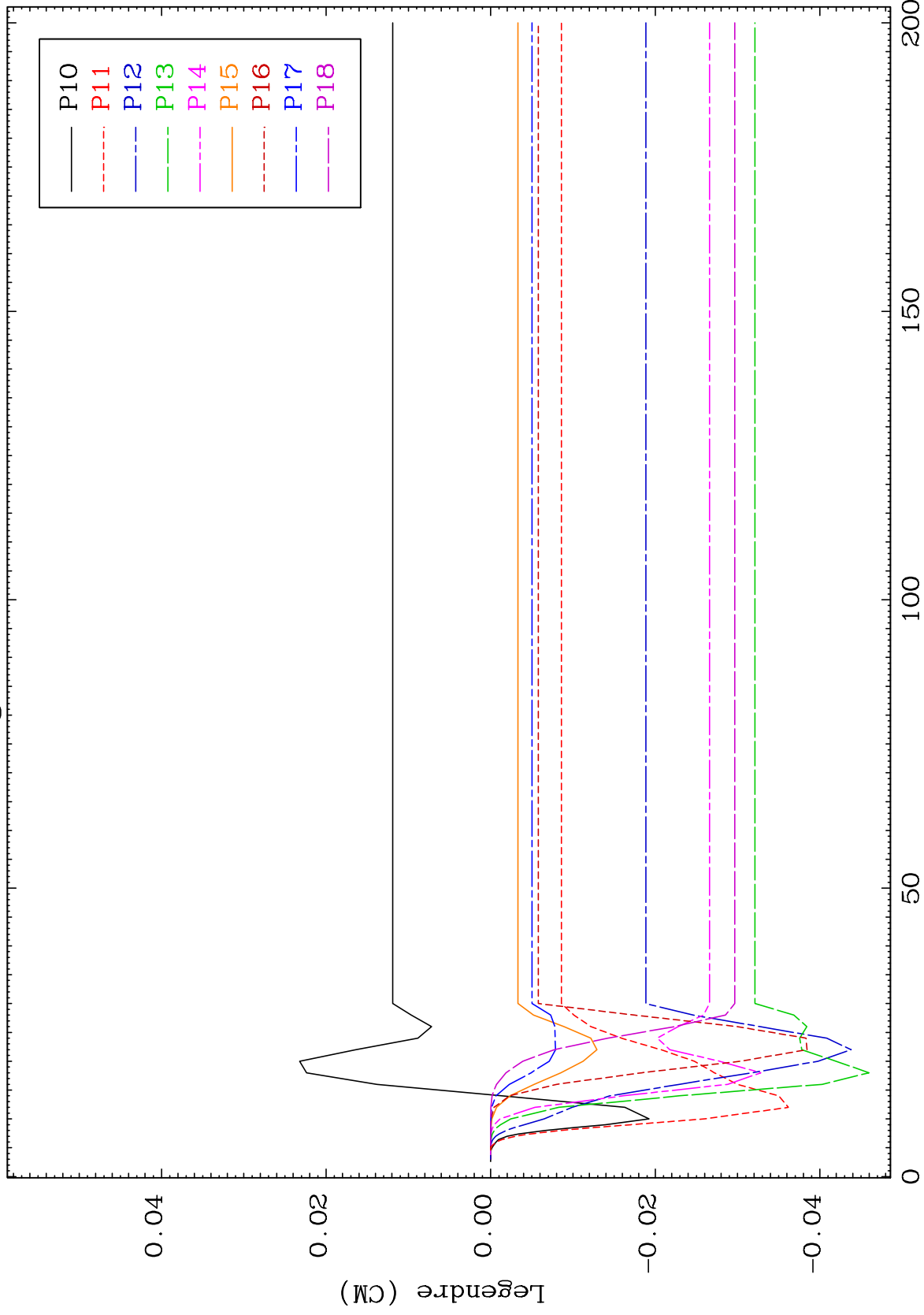
Incident Energy (MeV)

125

MAT 6173

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

61-Pm-155



126

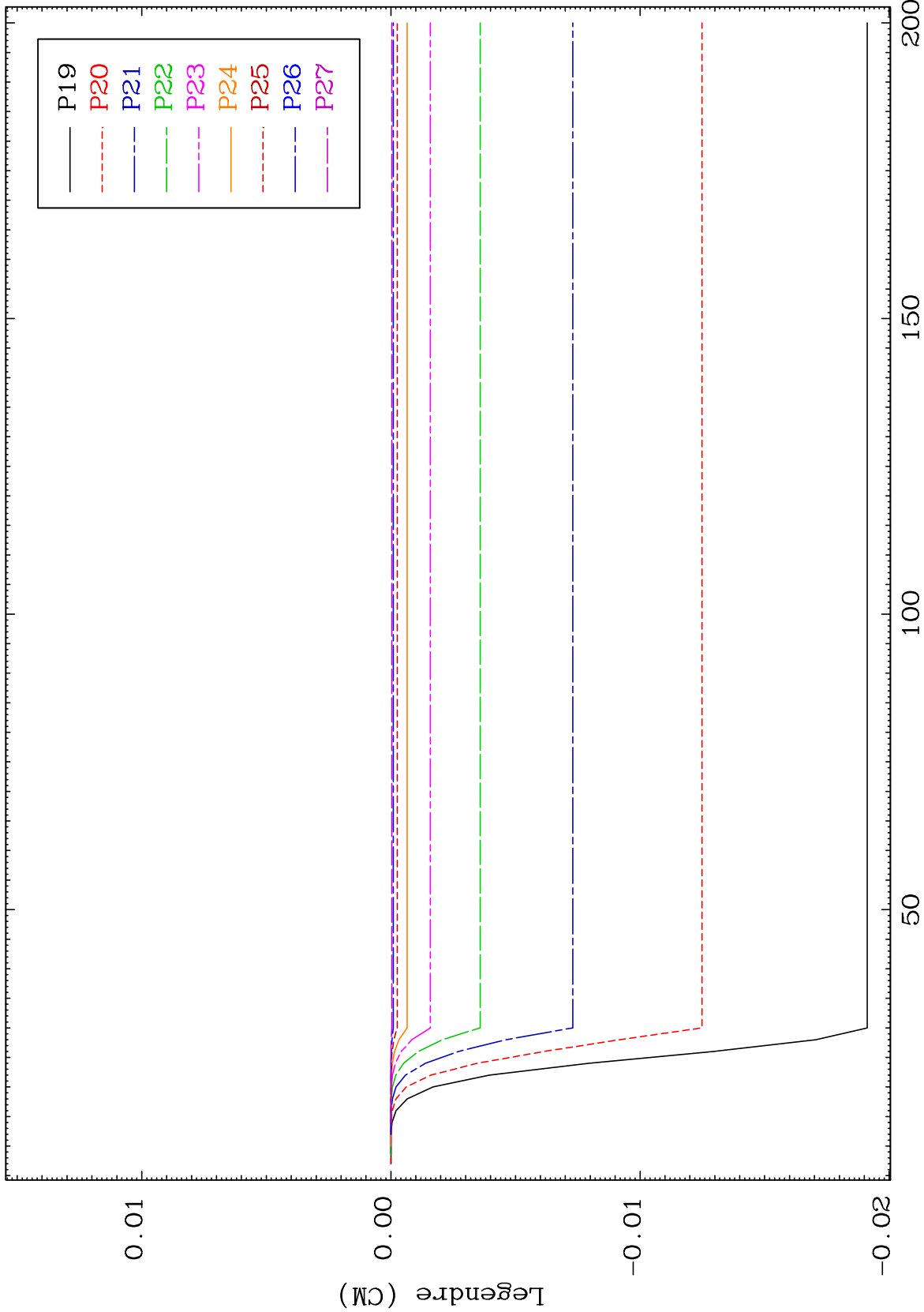
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

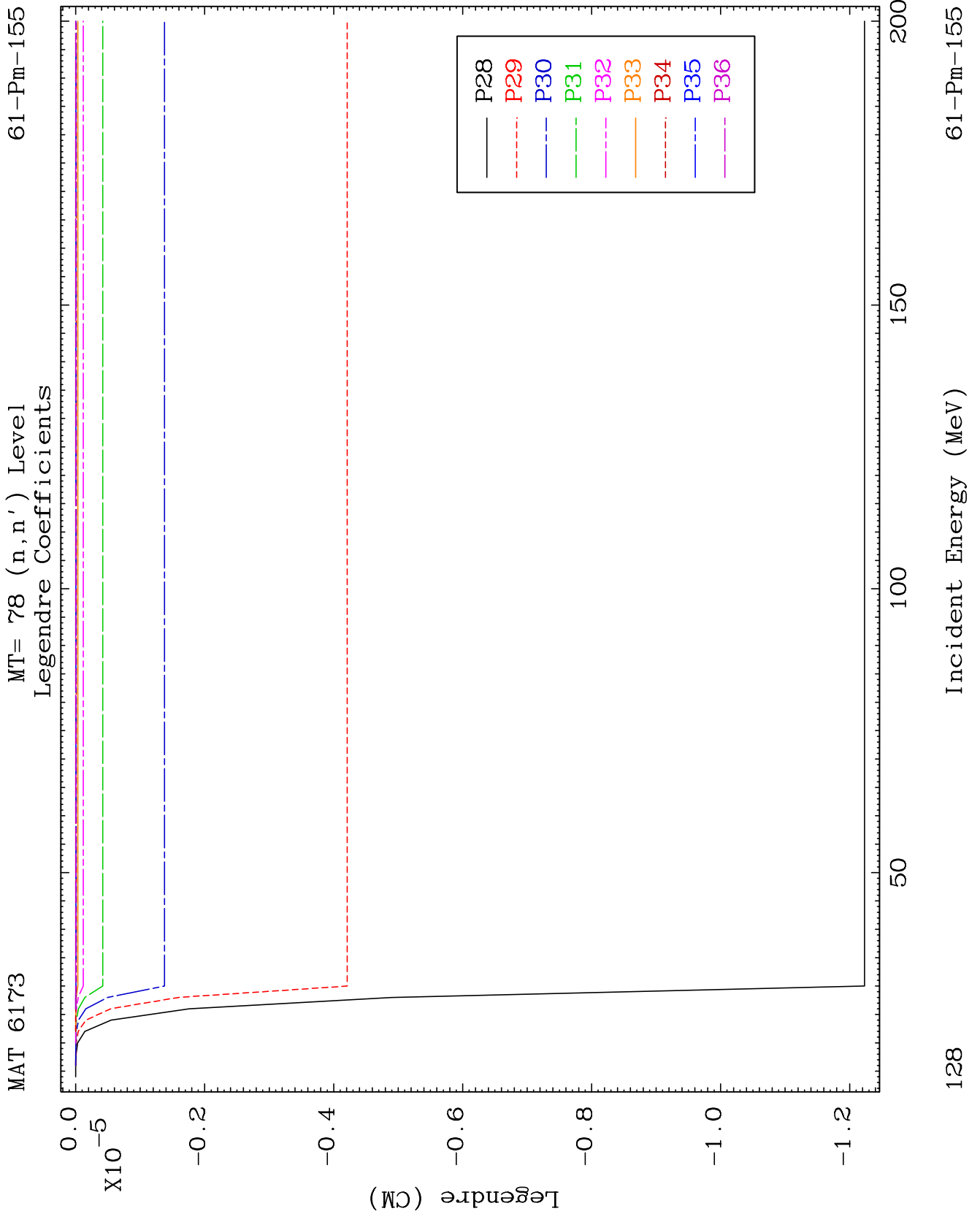
61-Pm-155



127

Incident Energy (MeV)

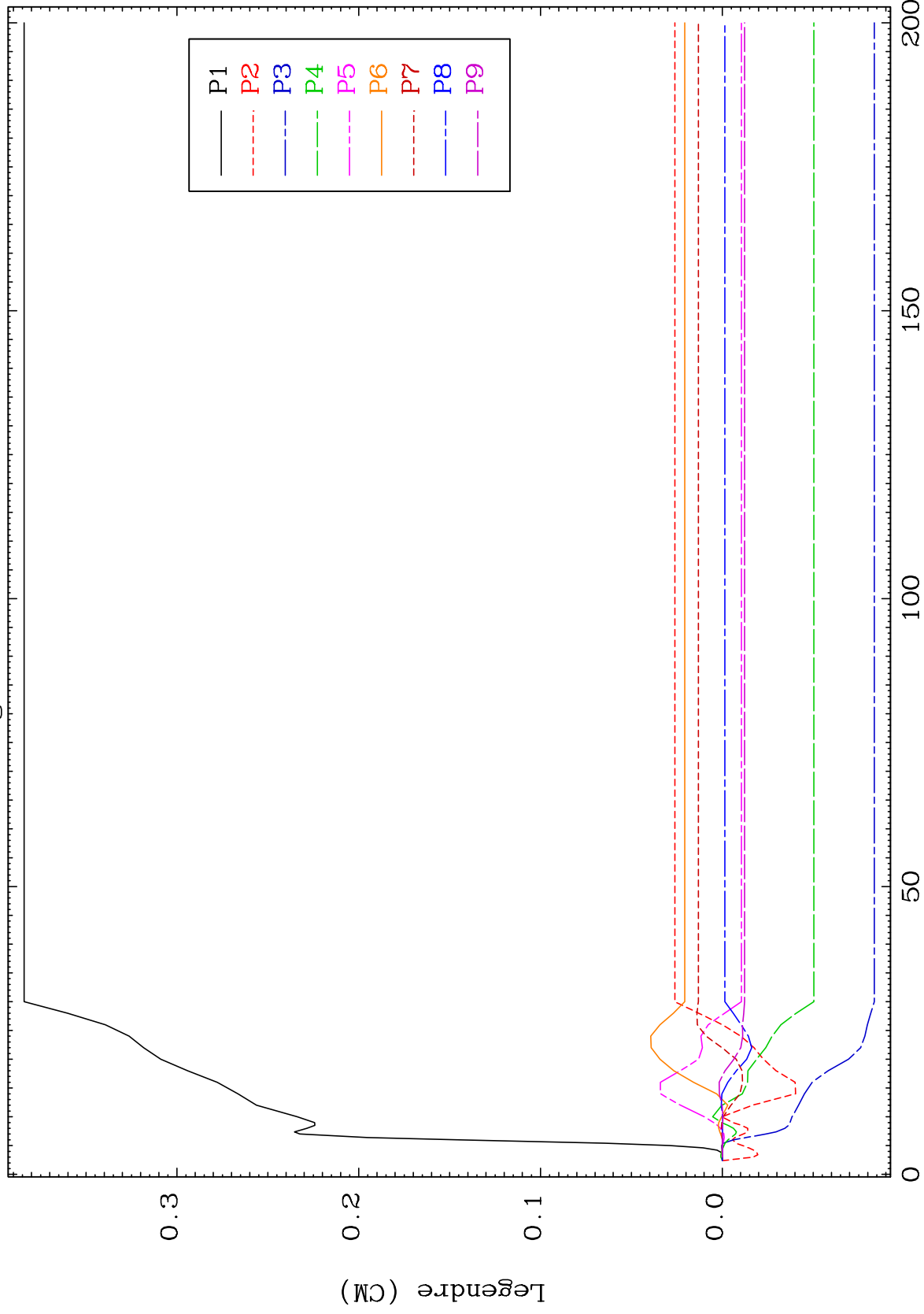
61-Pm-155



MAT 6173

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

61-Pm-155



129

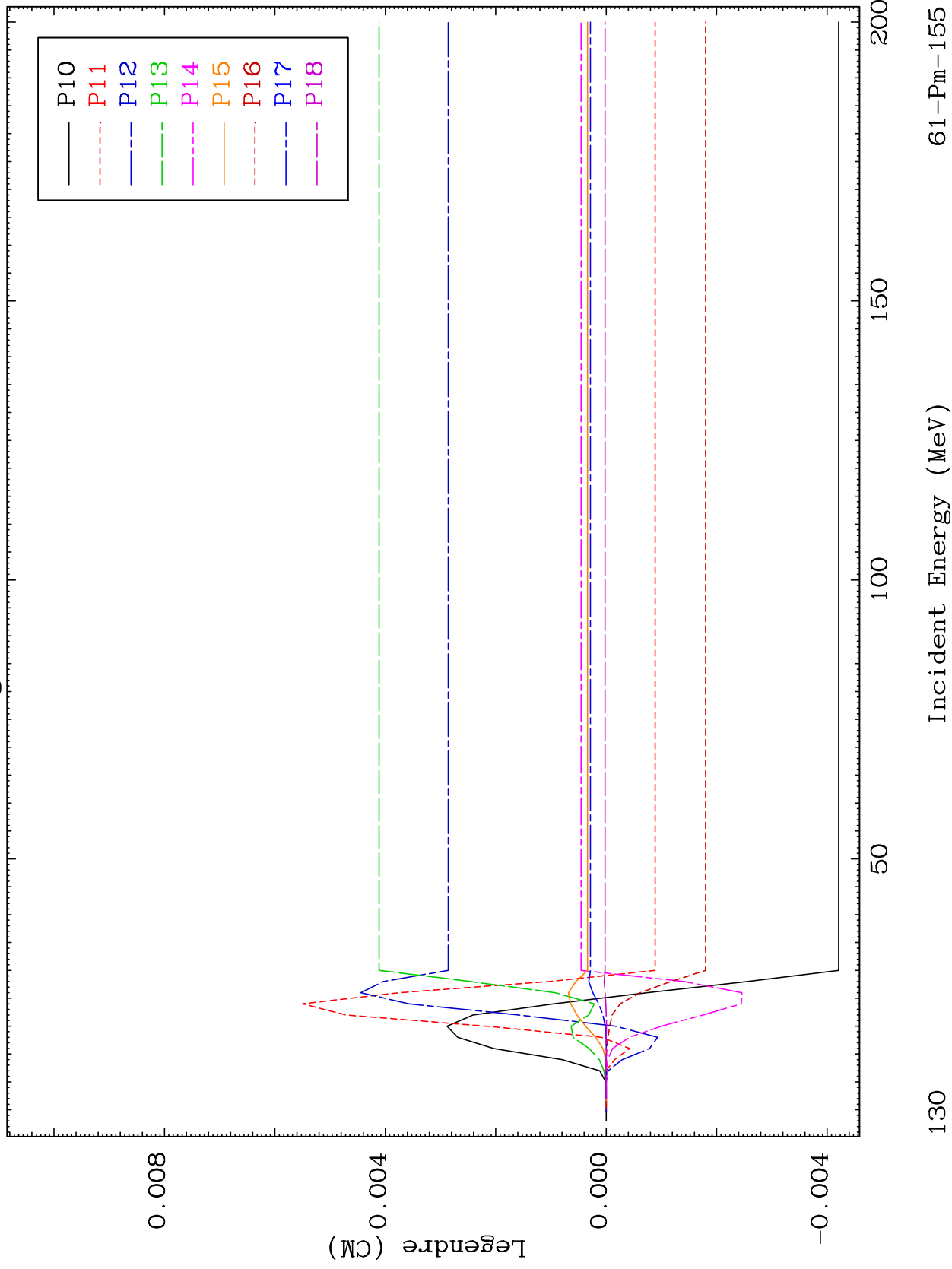
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



61-Pm-155

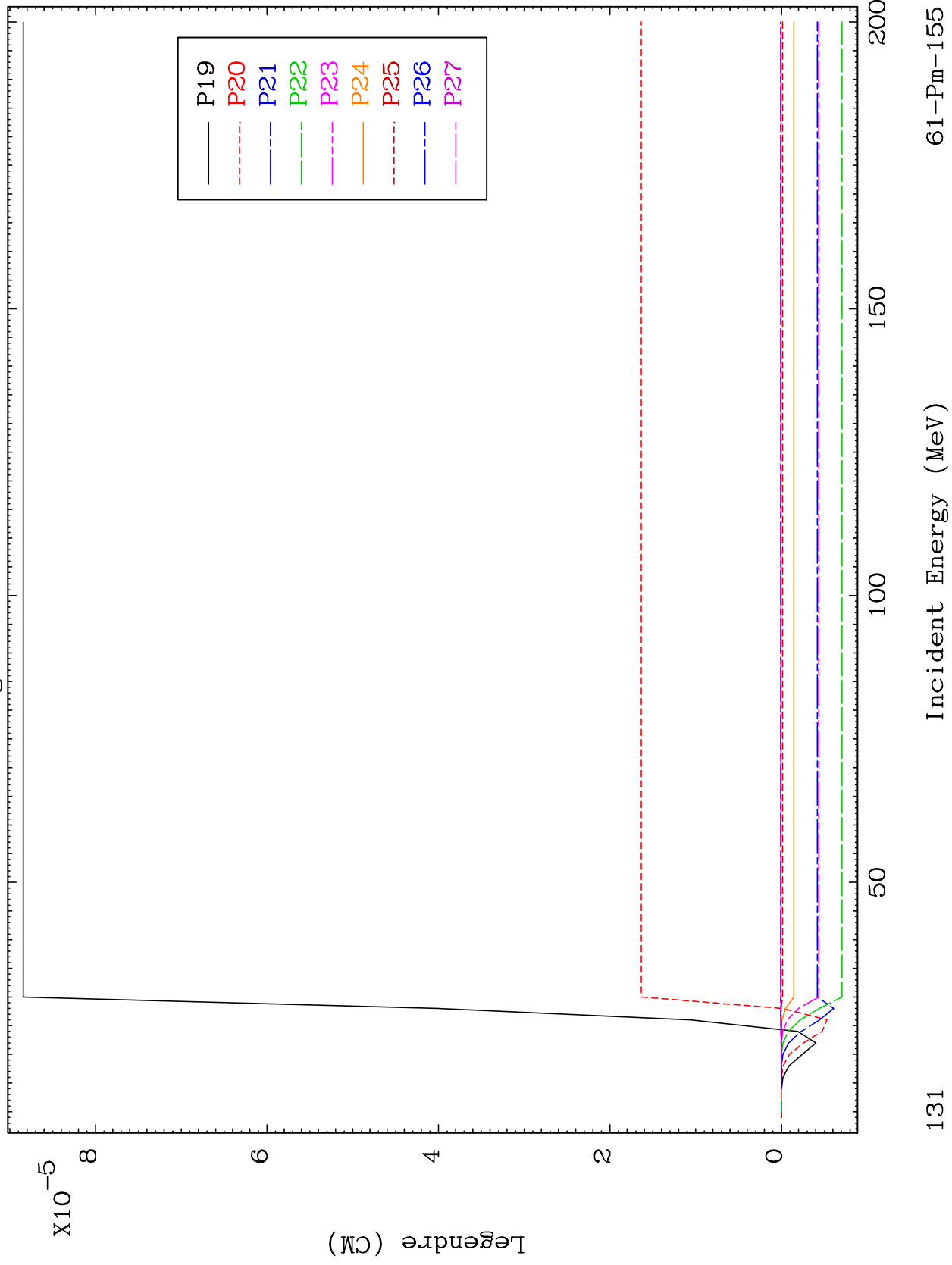
Incident Energy (MeV)

130

MAT 6173

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

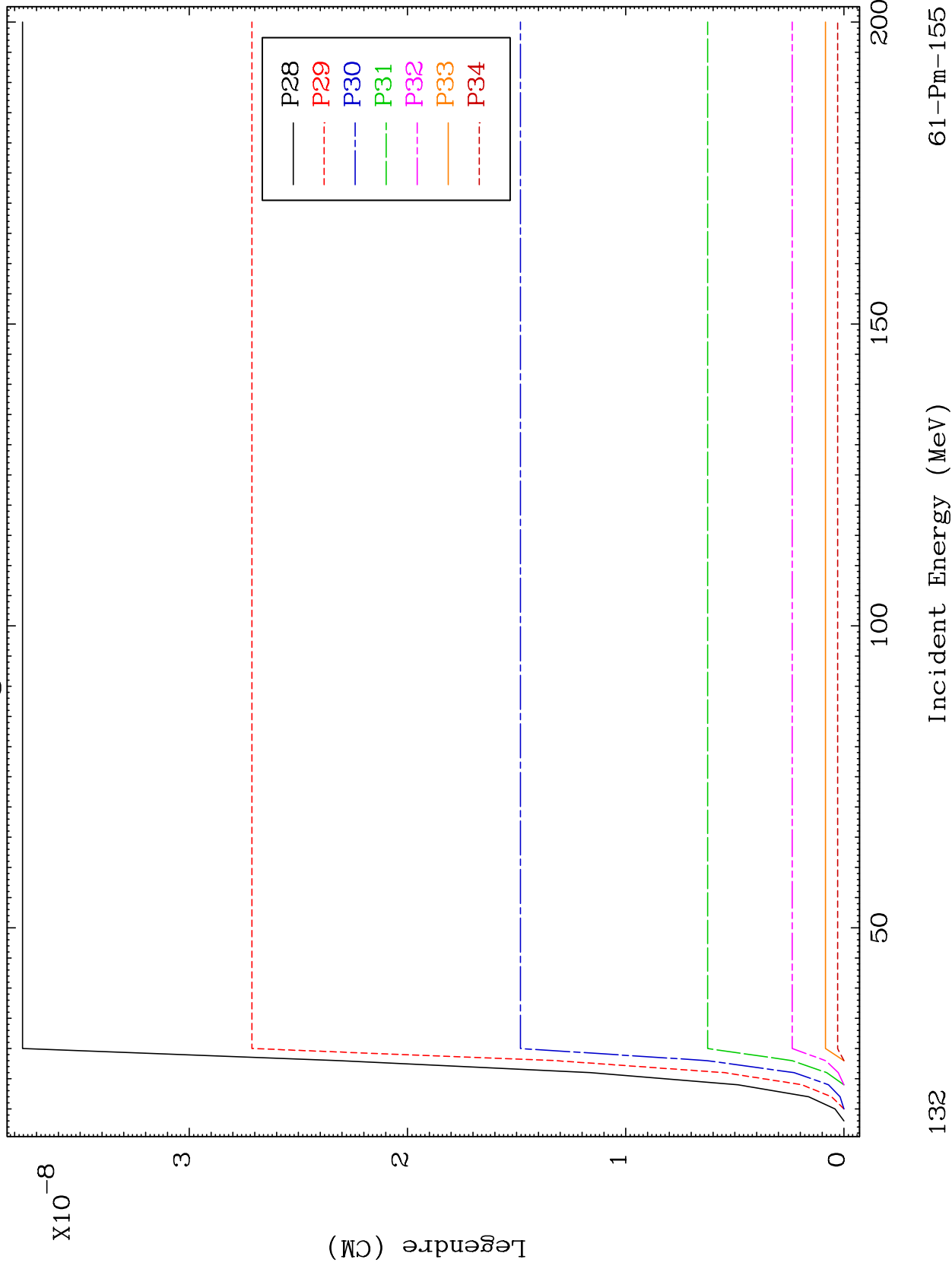
61-Pm-155



MAT 6173

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

61-Pm-155



132

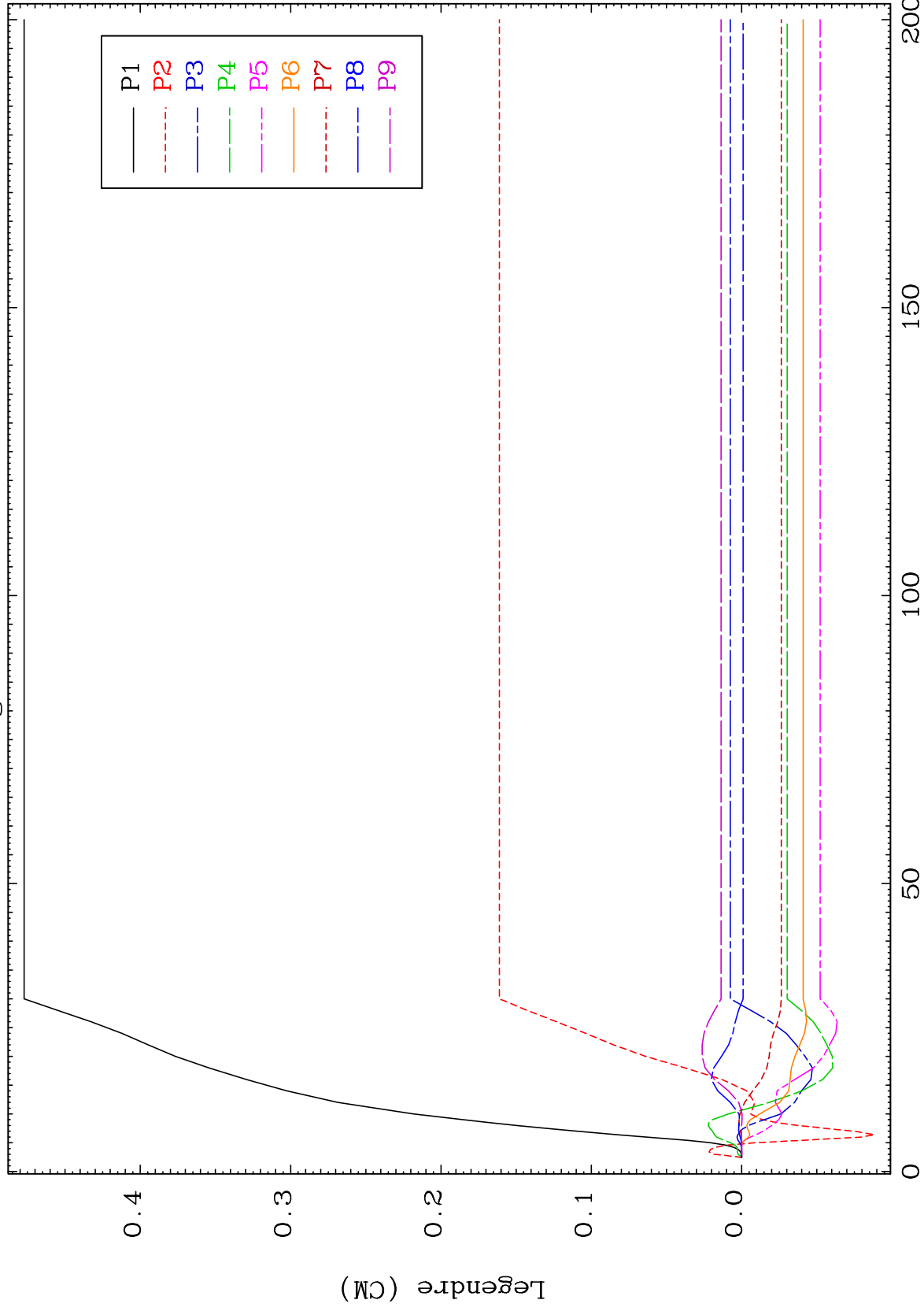
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



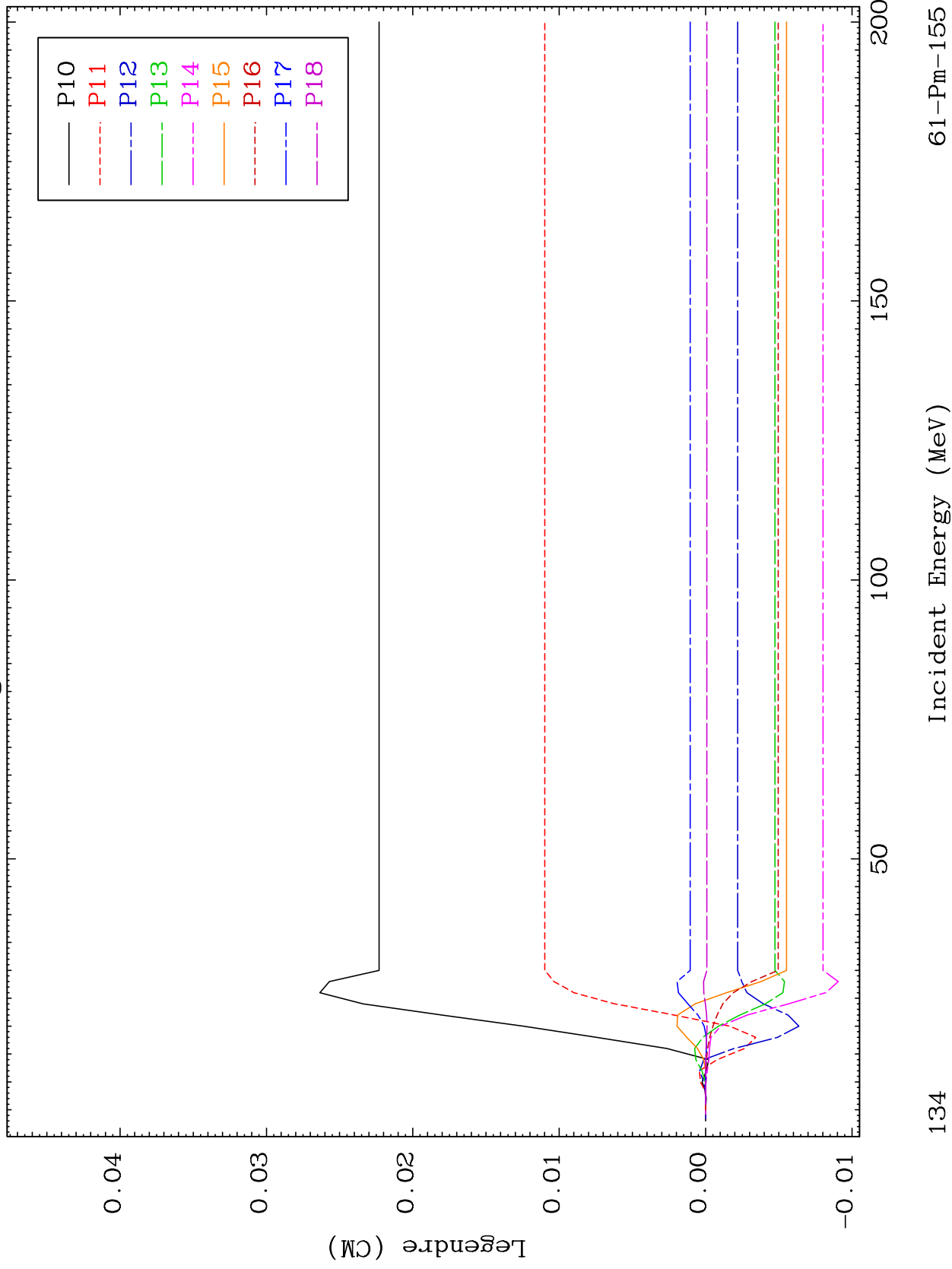
133

61-Pm-155

MAT 6173

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

61-Pm-155



134

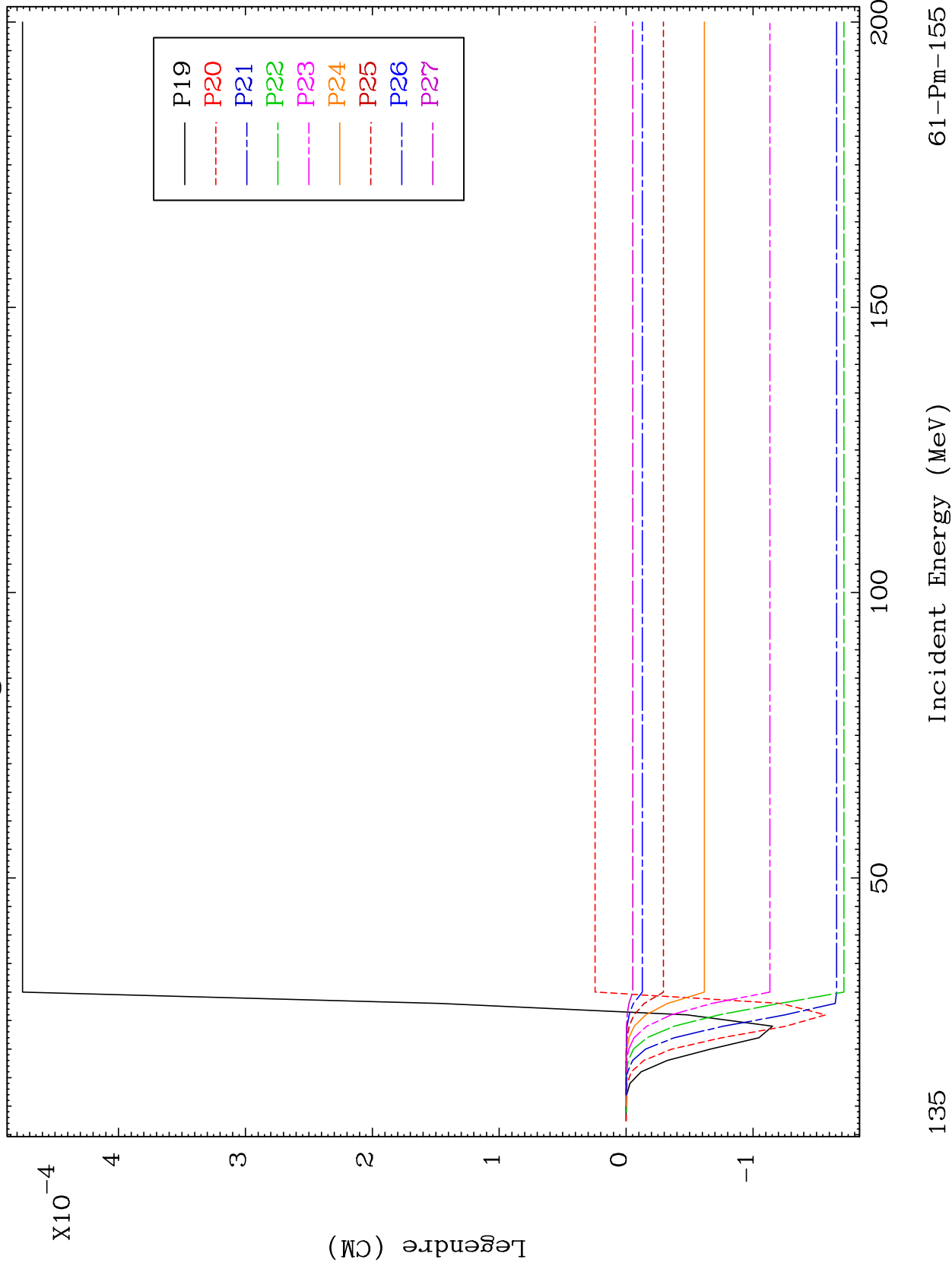
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

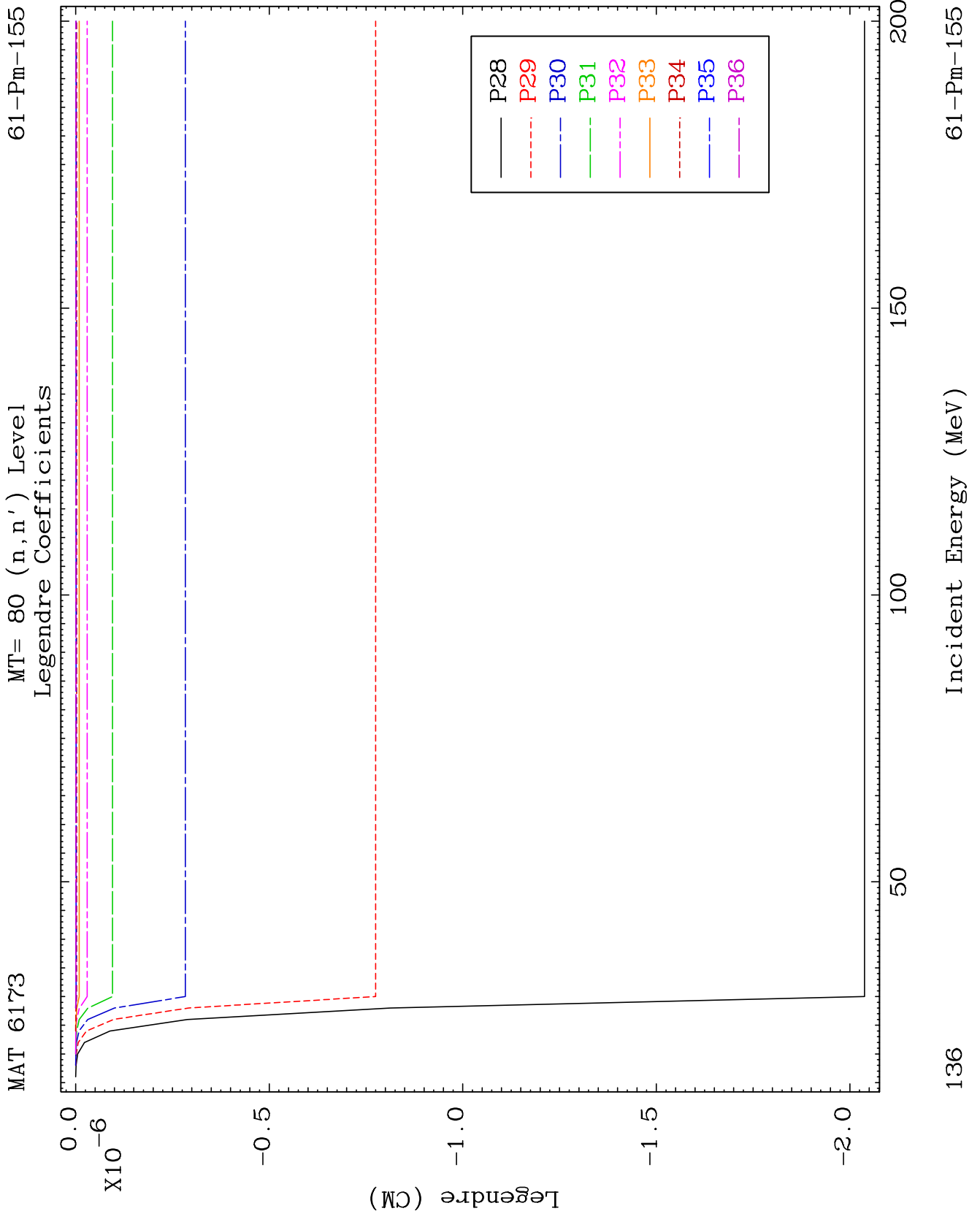
61-Pm-155



135

Incident Energy (MeV)

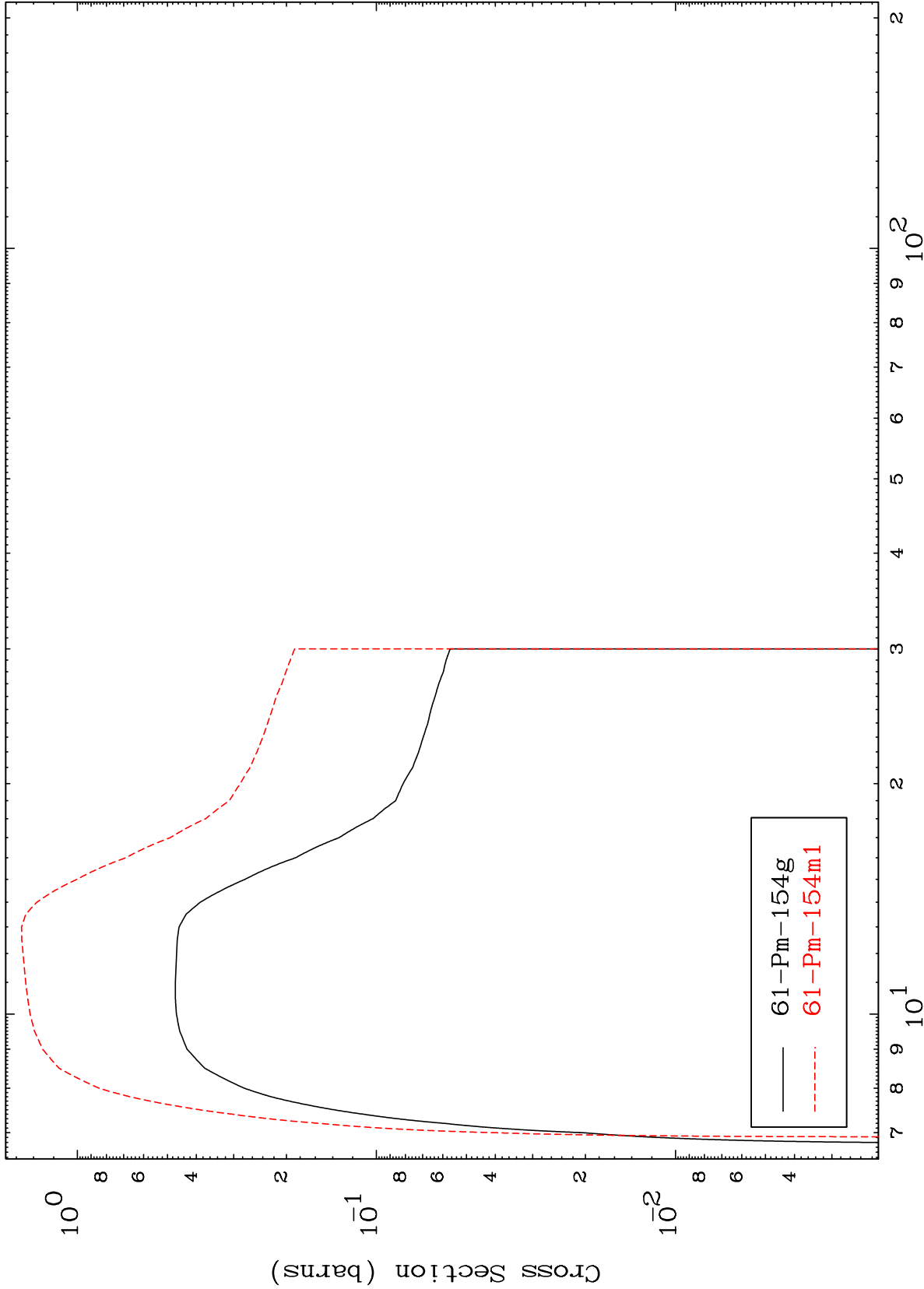
61-Pm-155



MAT 6173

61-Pm-155

(n,2n)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

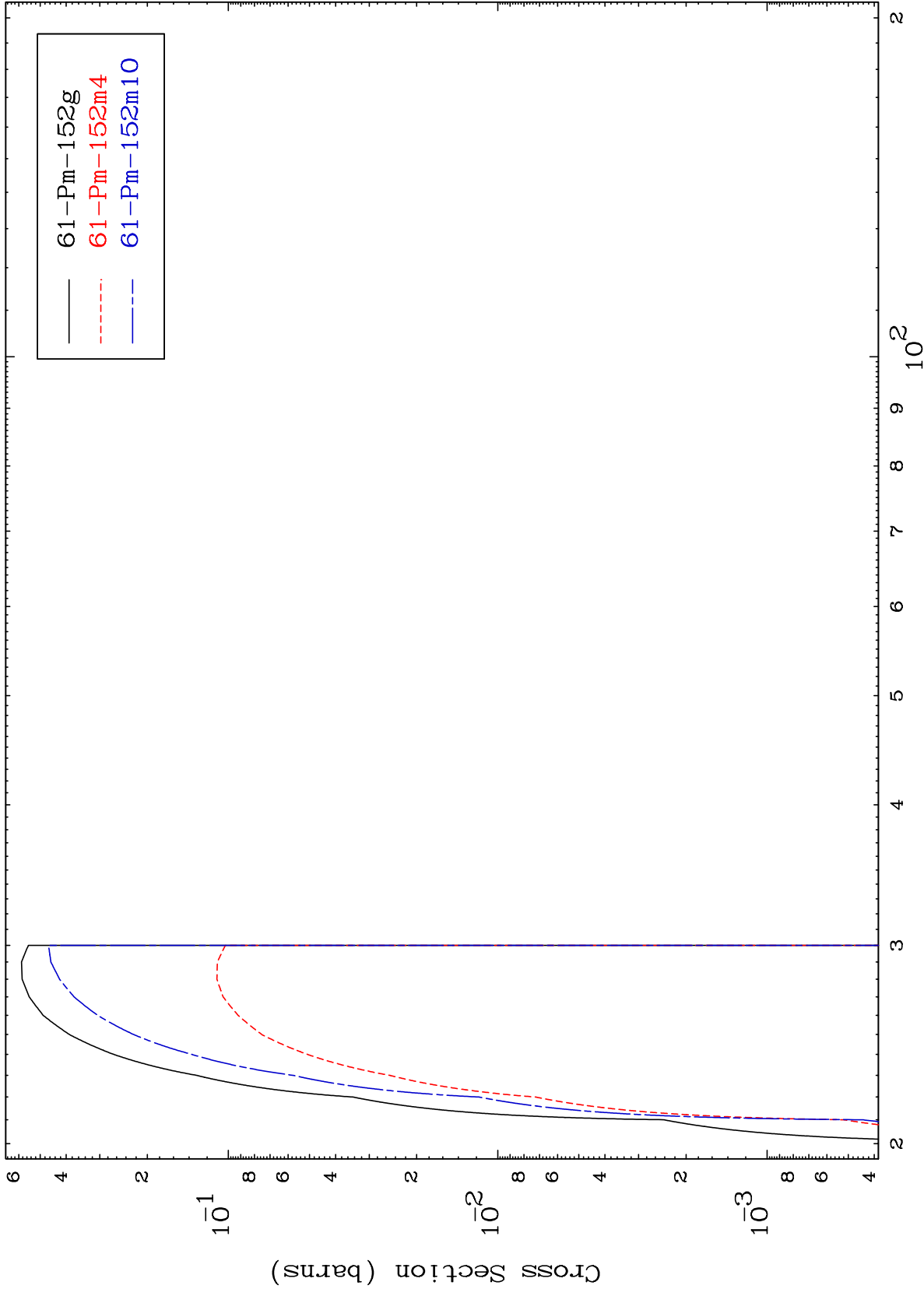
61-Pm-155

MAT 6173

(n,4n)

61-Pm-155

Radionuclide Production Cross Section



138

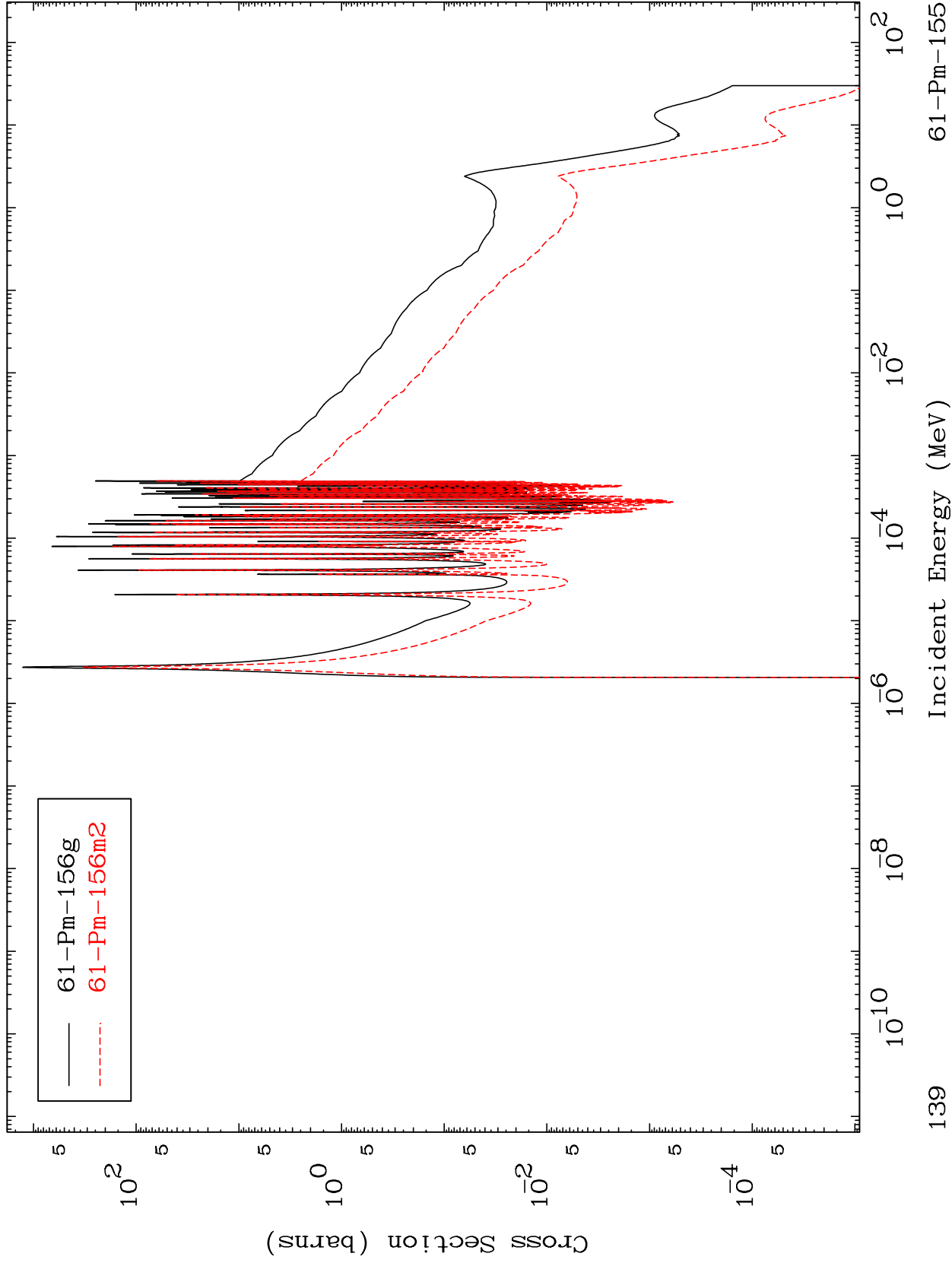
Incident Energy (MeV)

61-Pm-155

MAT 6173

61-Pm-155

(n,γ)
Radionuclide Production Cross Section



139

61-Pm-155