

Program EVALPLOT  
(Version 2021-1)

by

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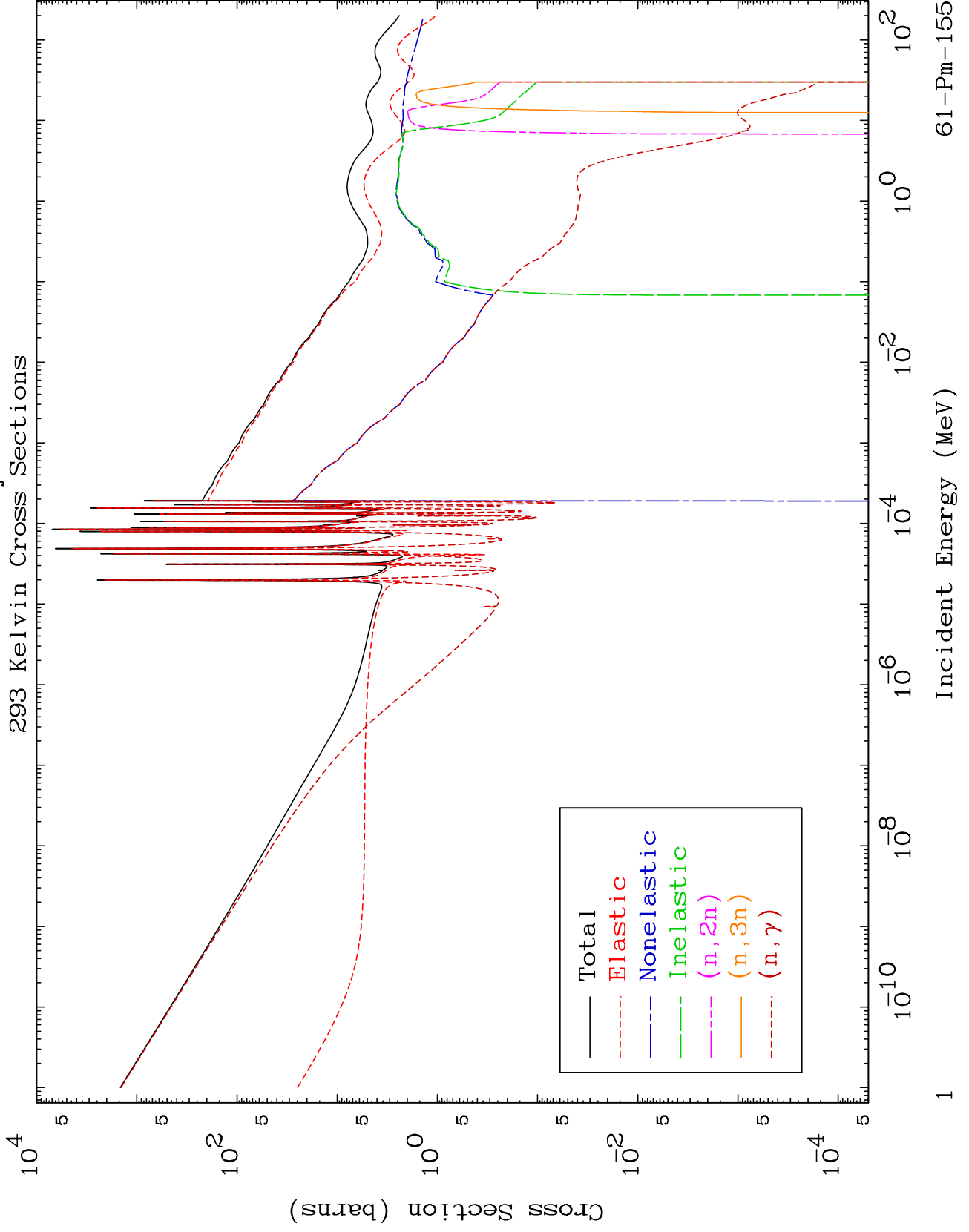
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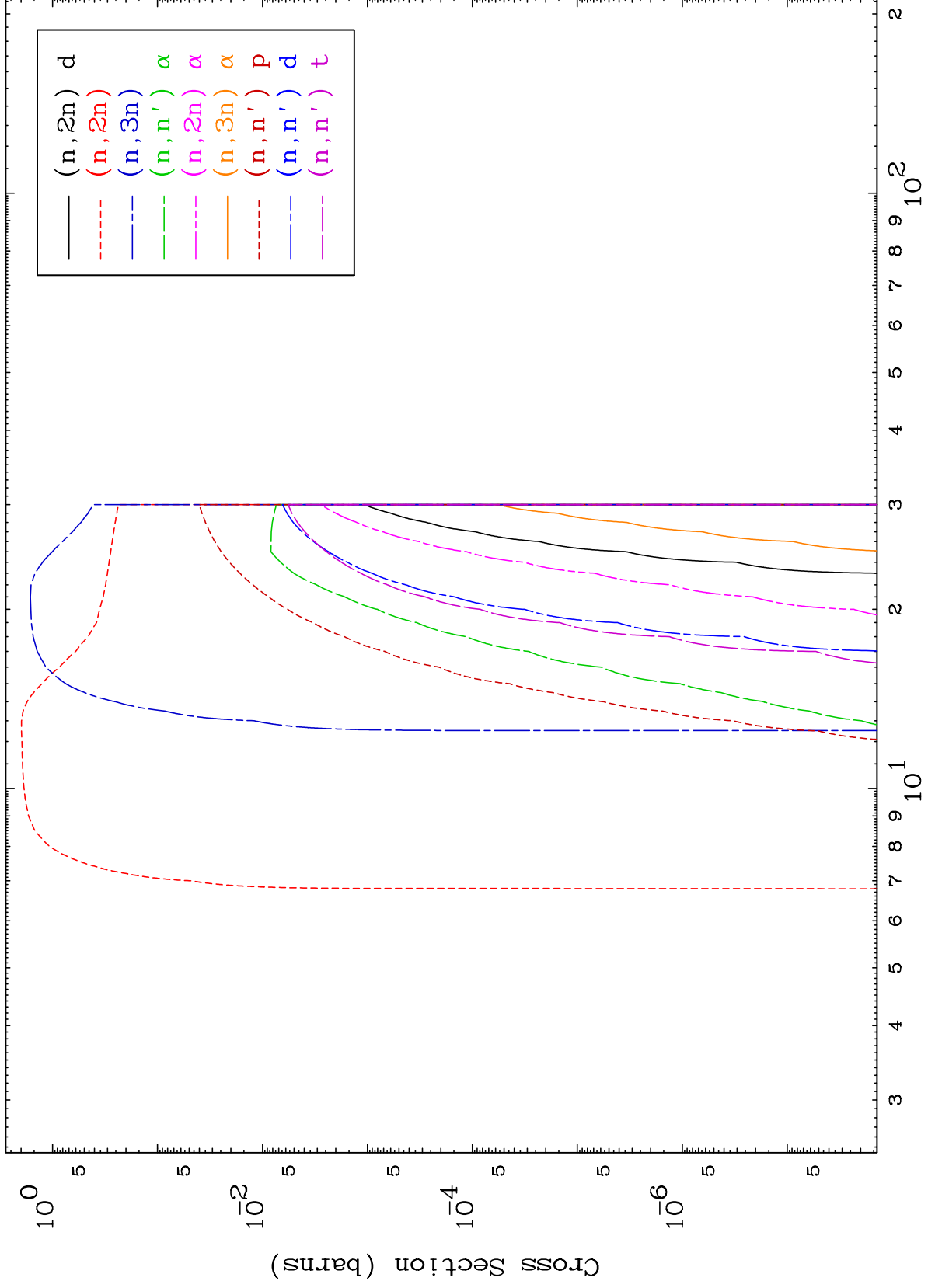
Press Mouse Button to Start

MAT 6173

Neutron Major  
293 Kelvin Cross Sections

61-Pm-155

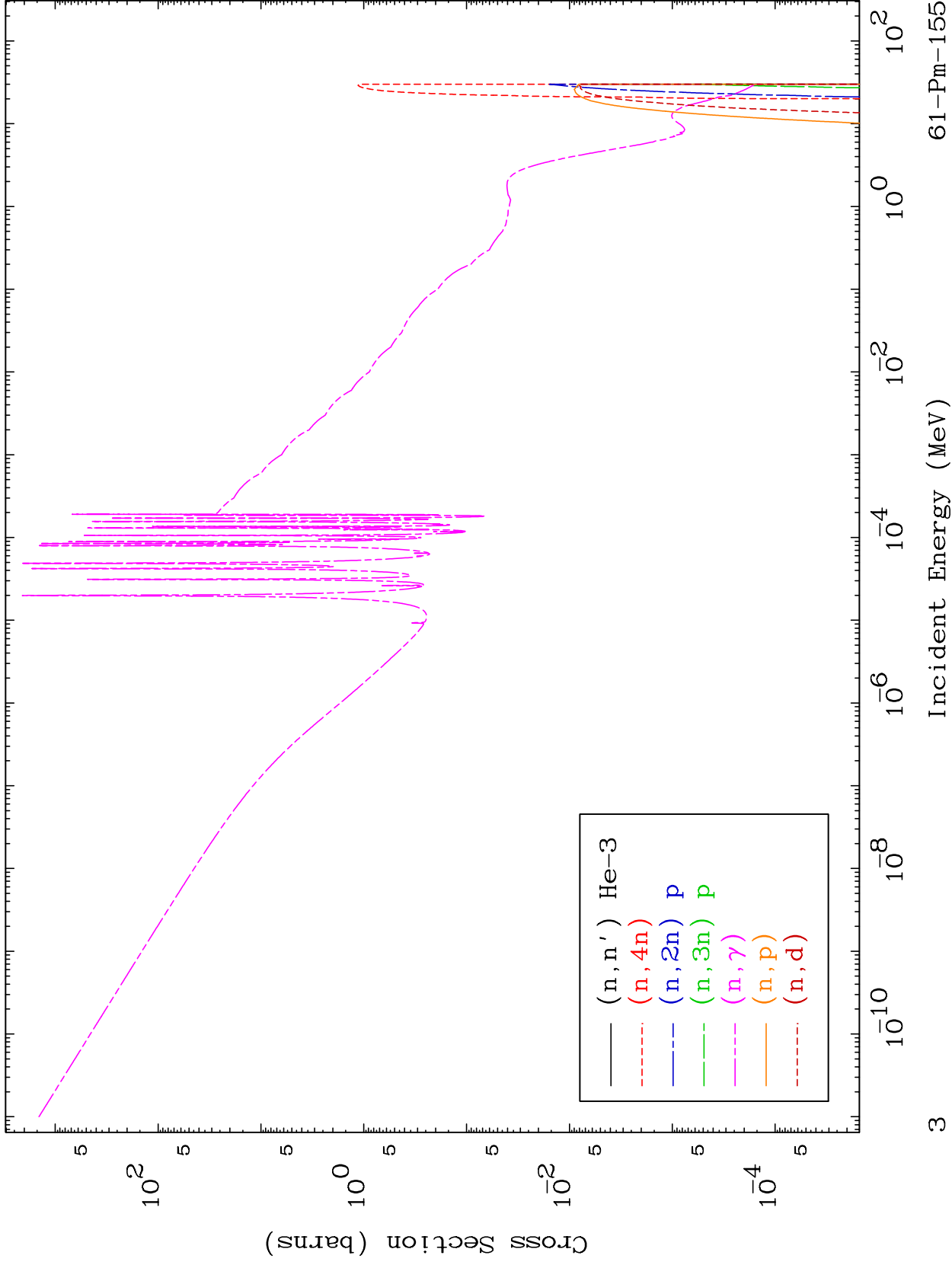




MAT 6173

Neutron Absorption  
293 Kelvin Cross Sections

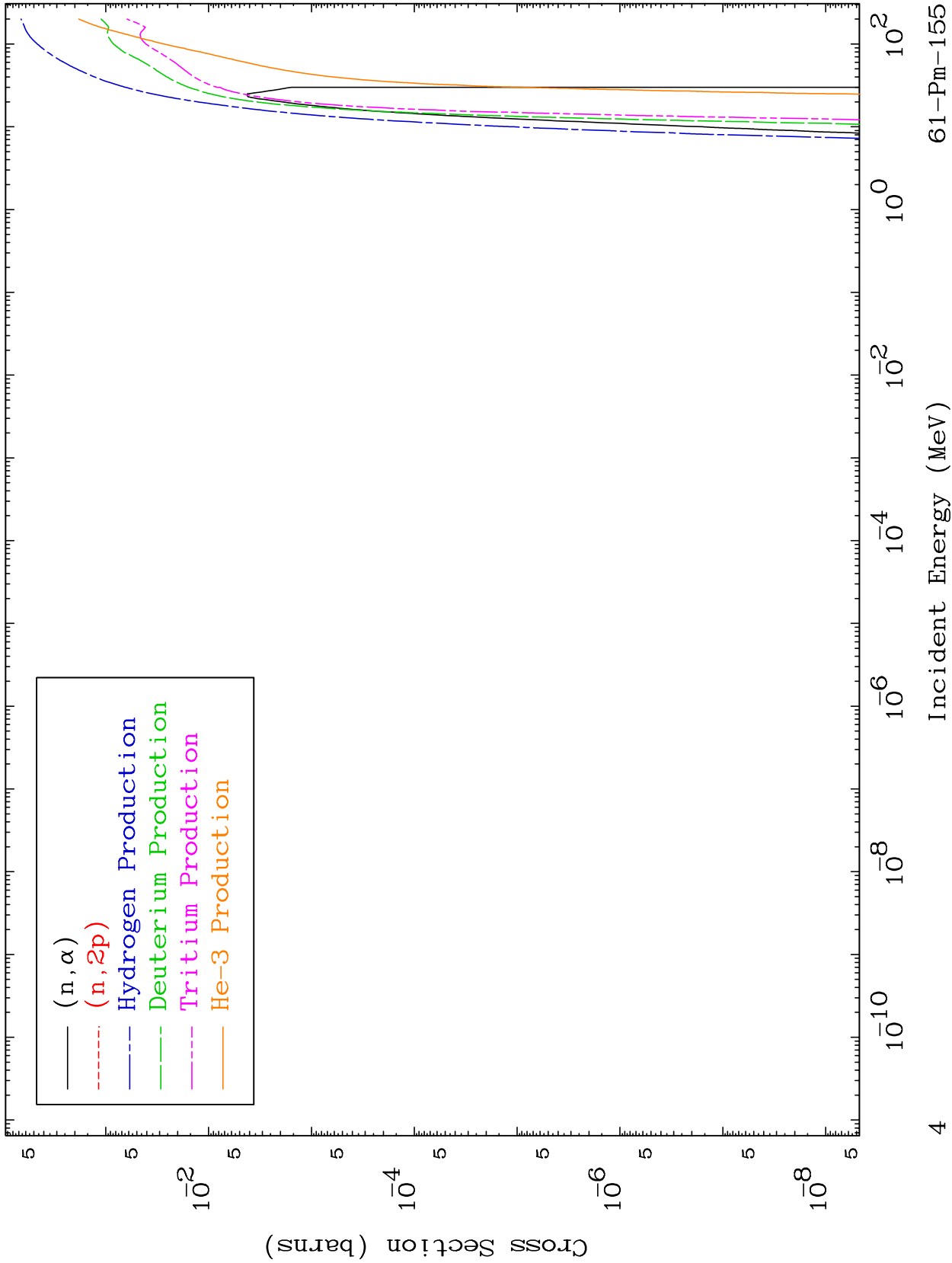
61-Pm-155

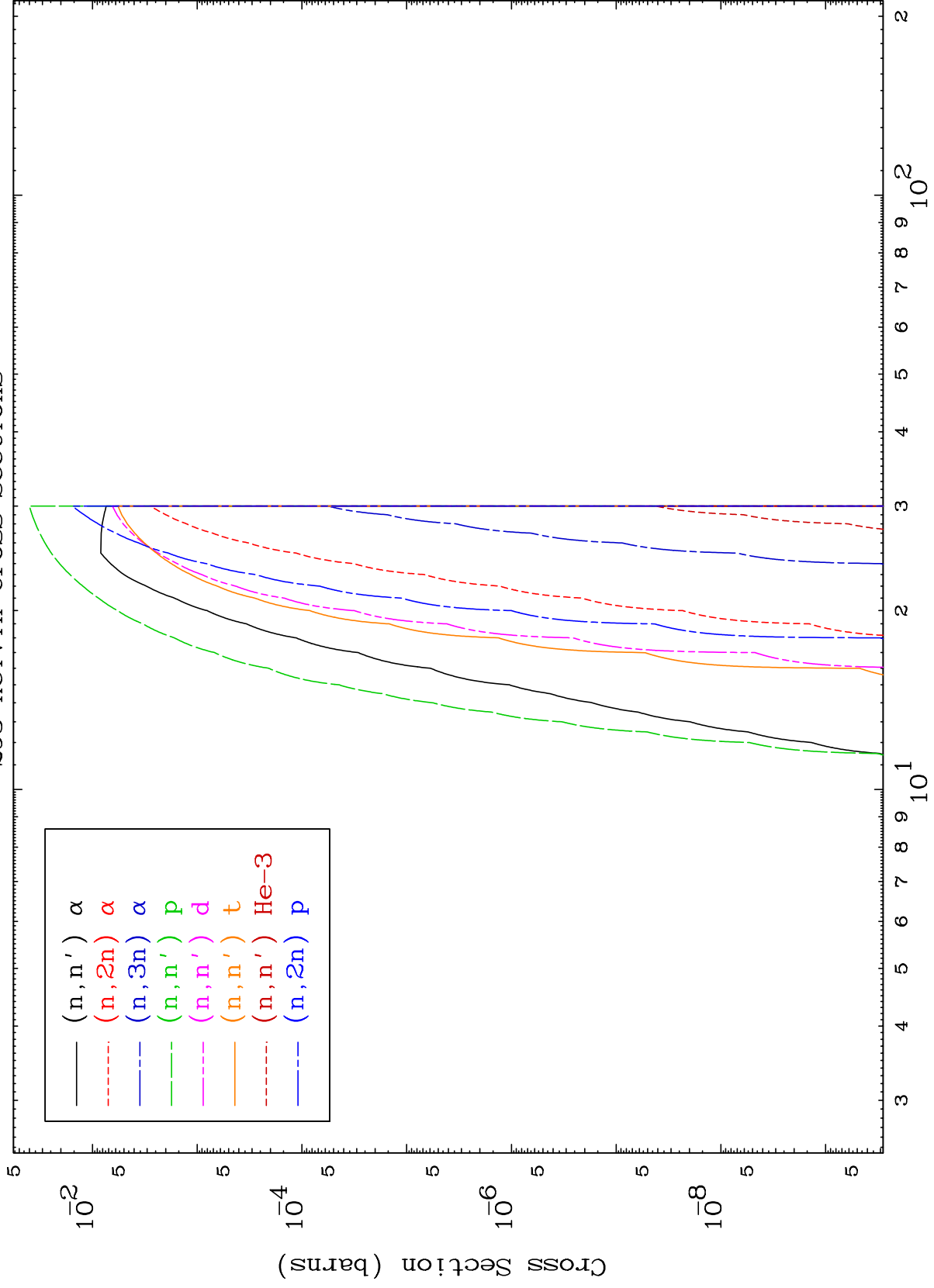


MAT 6173

Neutron Absorption  
293 Kelvin Cross Sections

61-Pm-155

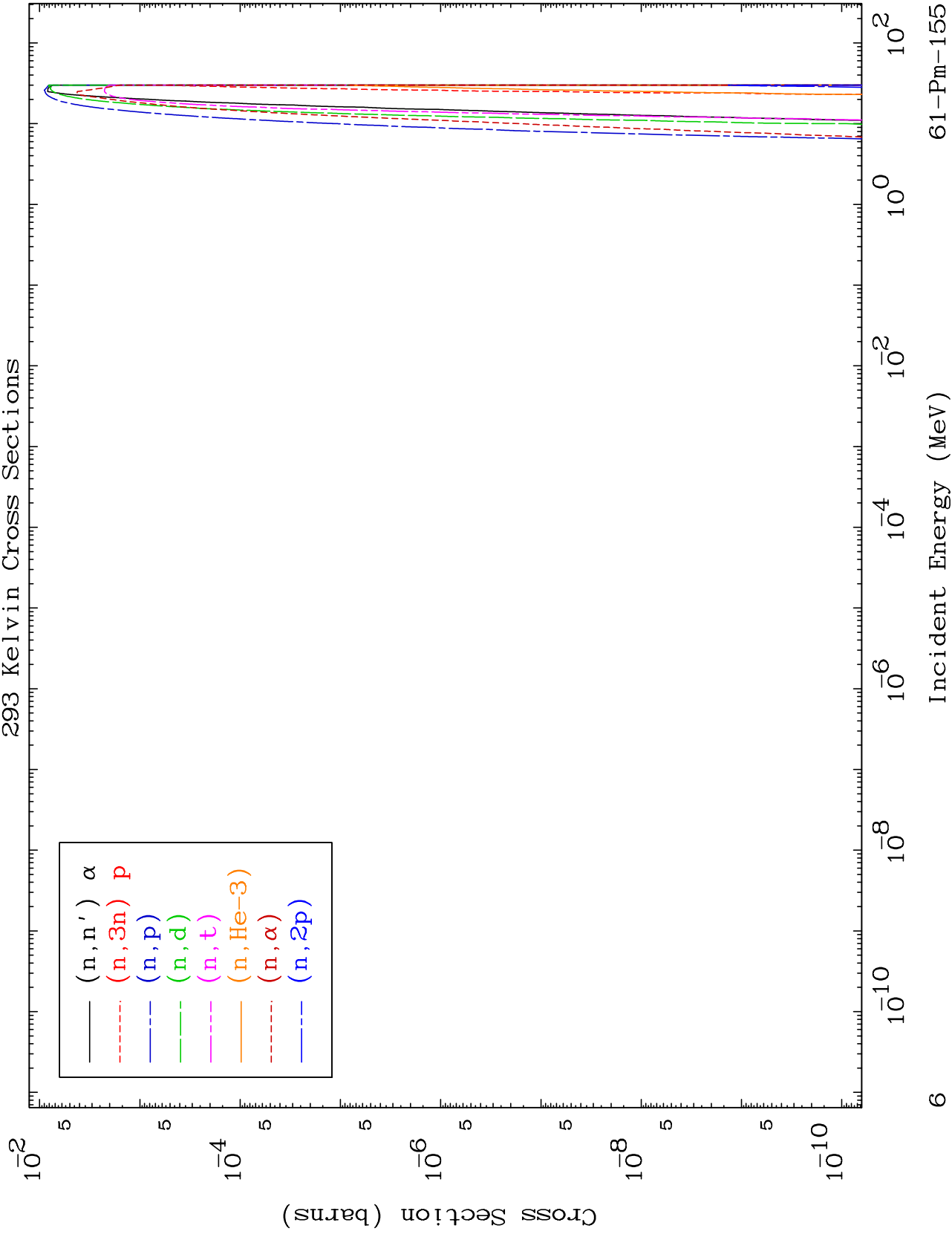




MAT 6173

Charged Particle  
293 Kelvin Cross Sections

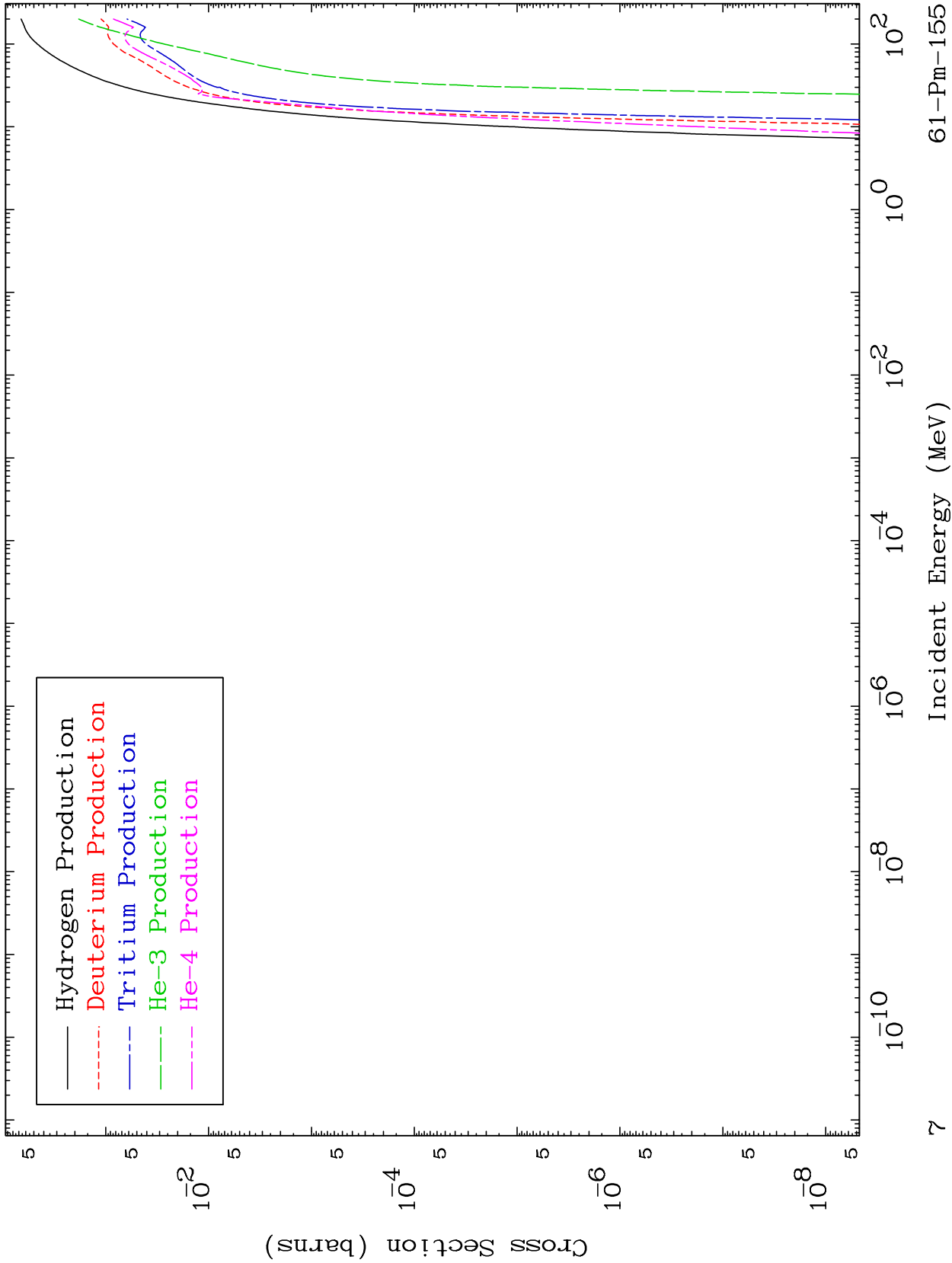
61-Pm-155



MAT 6173

Particle Production  
293 Kelvin Cross Sections

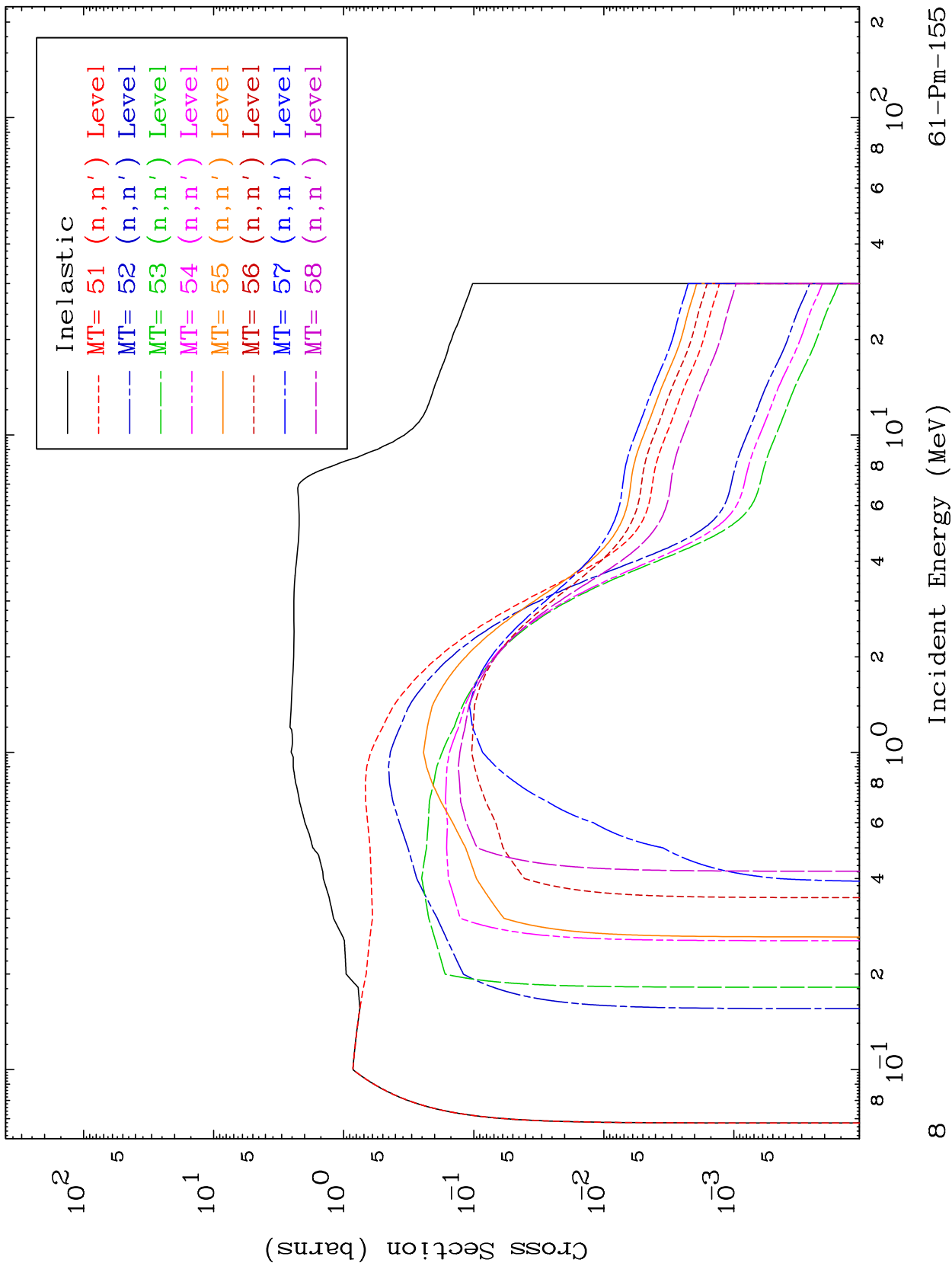
61-Pm-155



MAT 6173

(n,n') Levels  
293 Kelvin Cross Sections

61-Pm-155



8

Incident Energy (MeV)

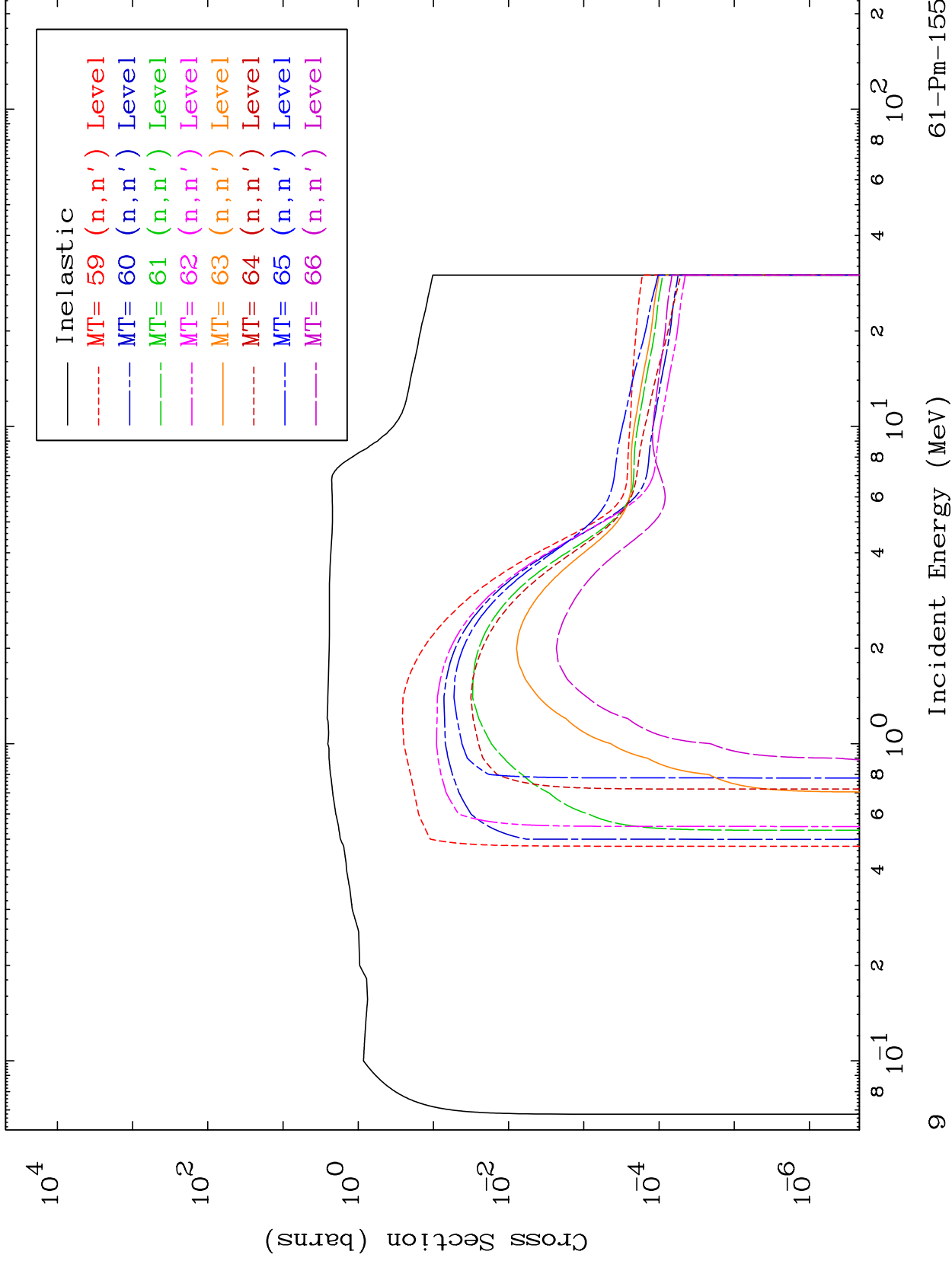
61-Pm-155

MAT 6173

(n,n') Levels

61-Pm-155

293 Kelvin Cross Sections

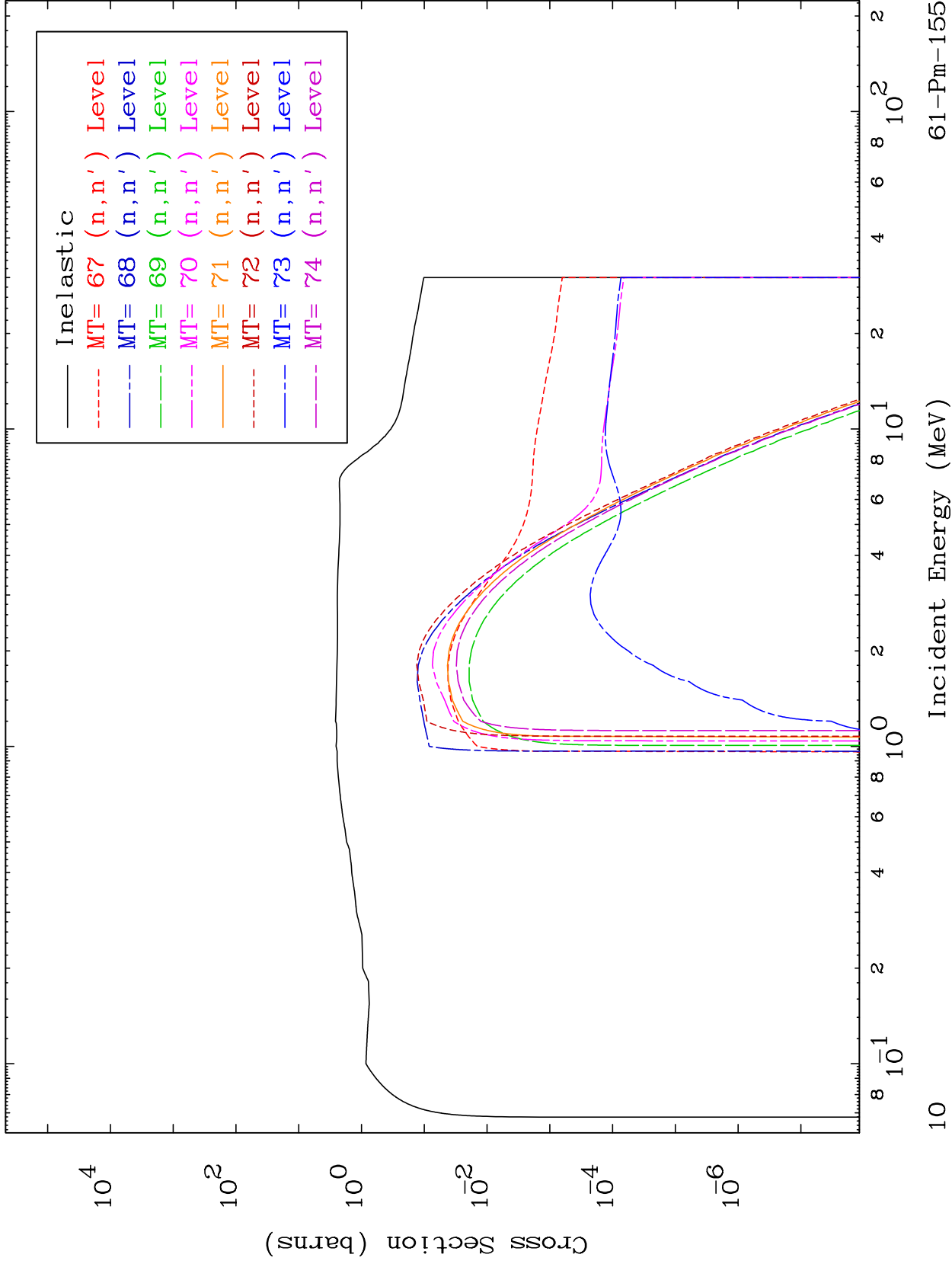


MAT 6173

(n,n') Levels

61-Pm-155

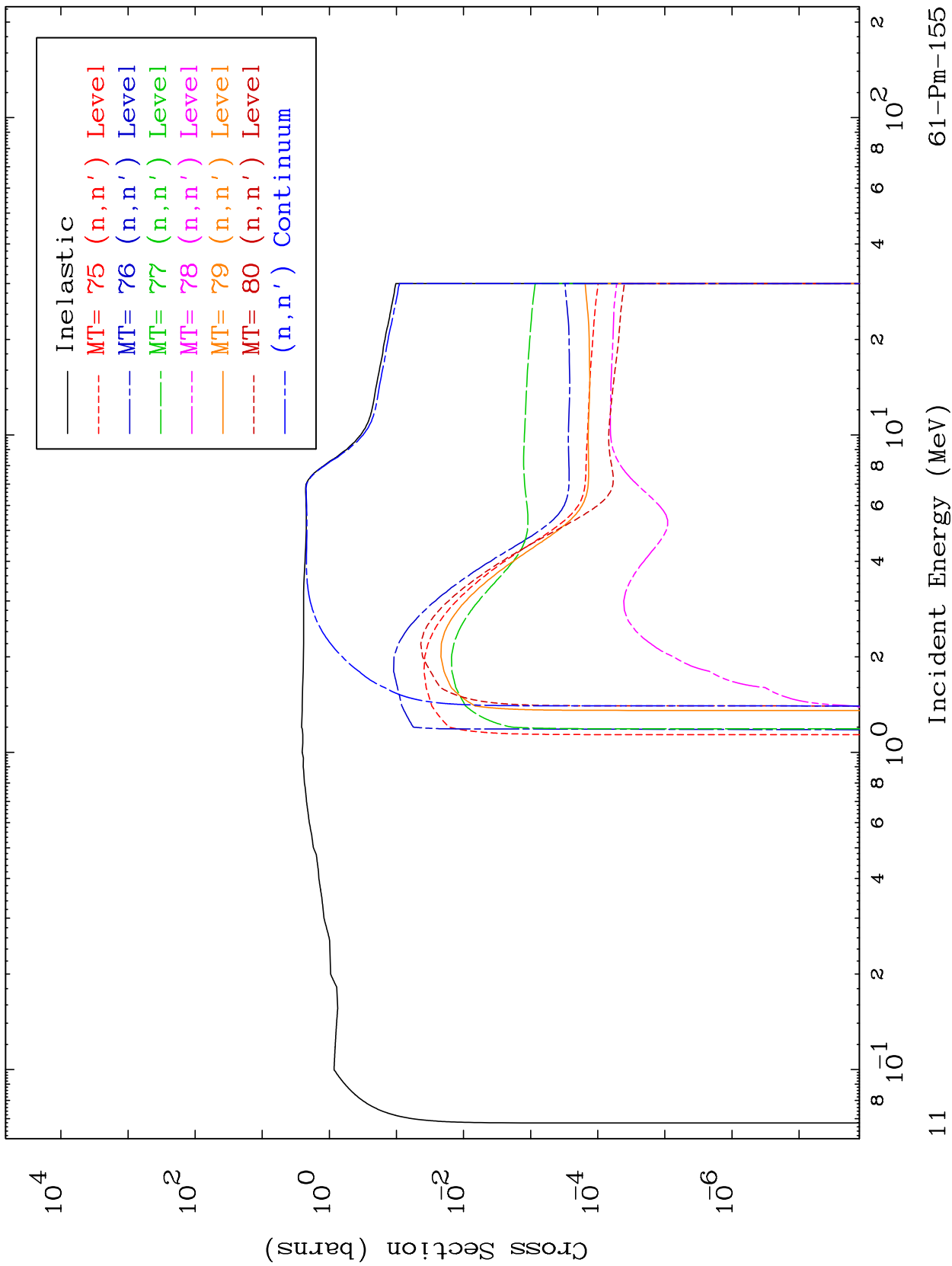
293 Kelvin Cross Sections



10

Incident Energy (MeV)

61-Pm-155

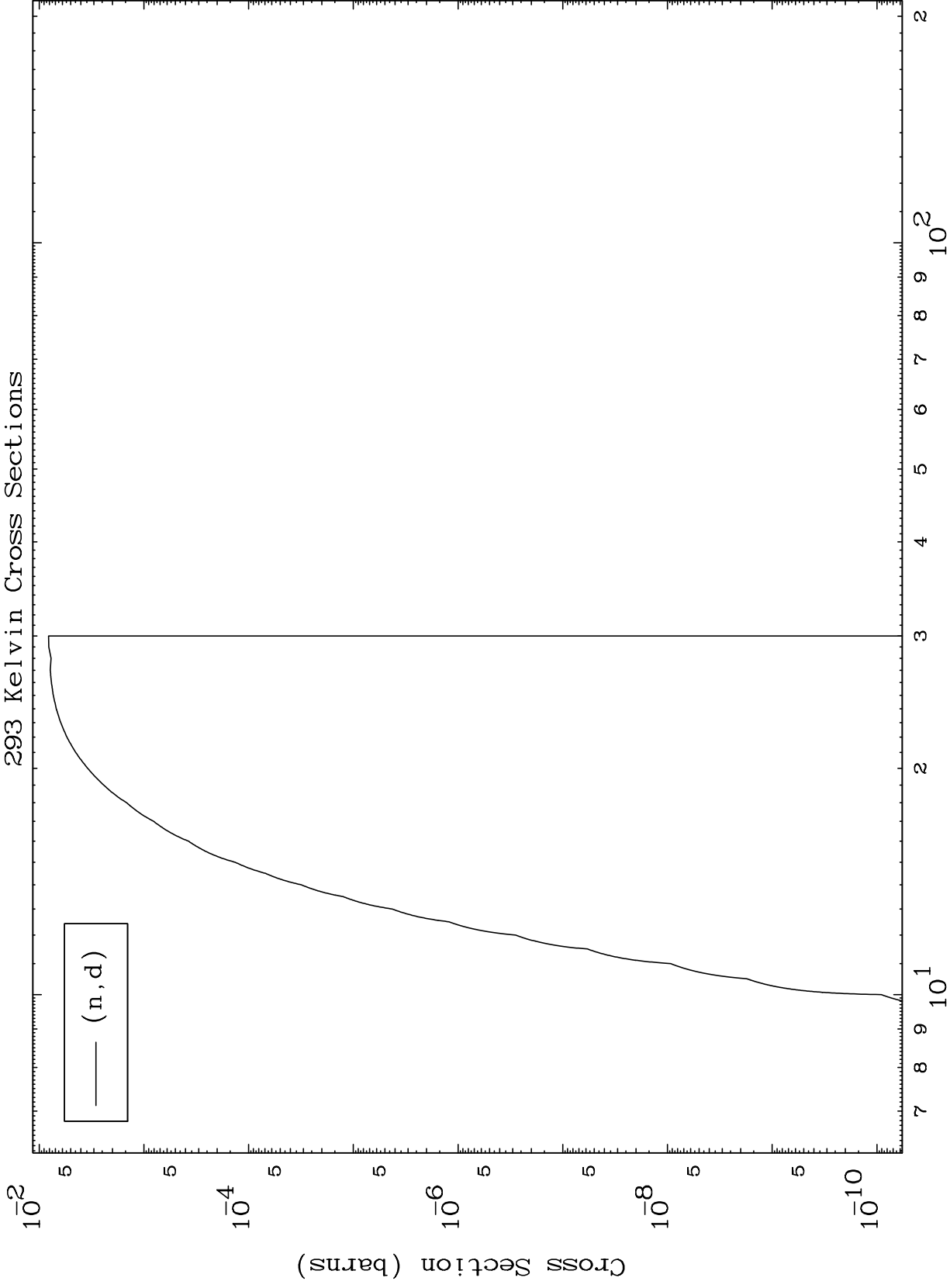




MAT 6173

(n,d) Levels  
293 Kelvin Cross Sections

61-Pm-155



13

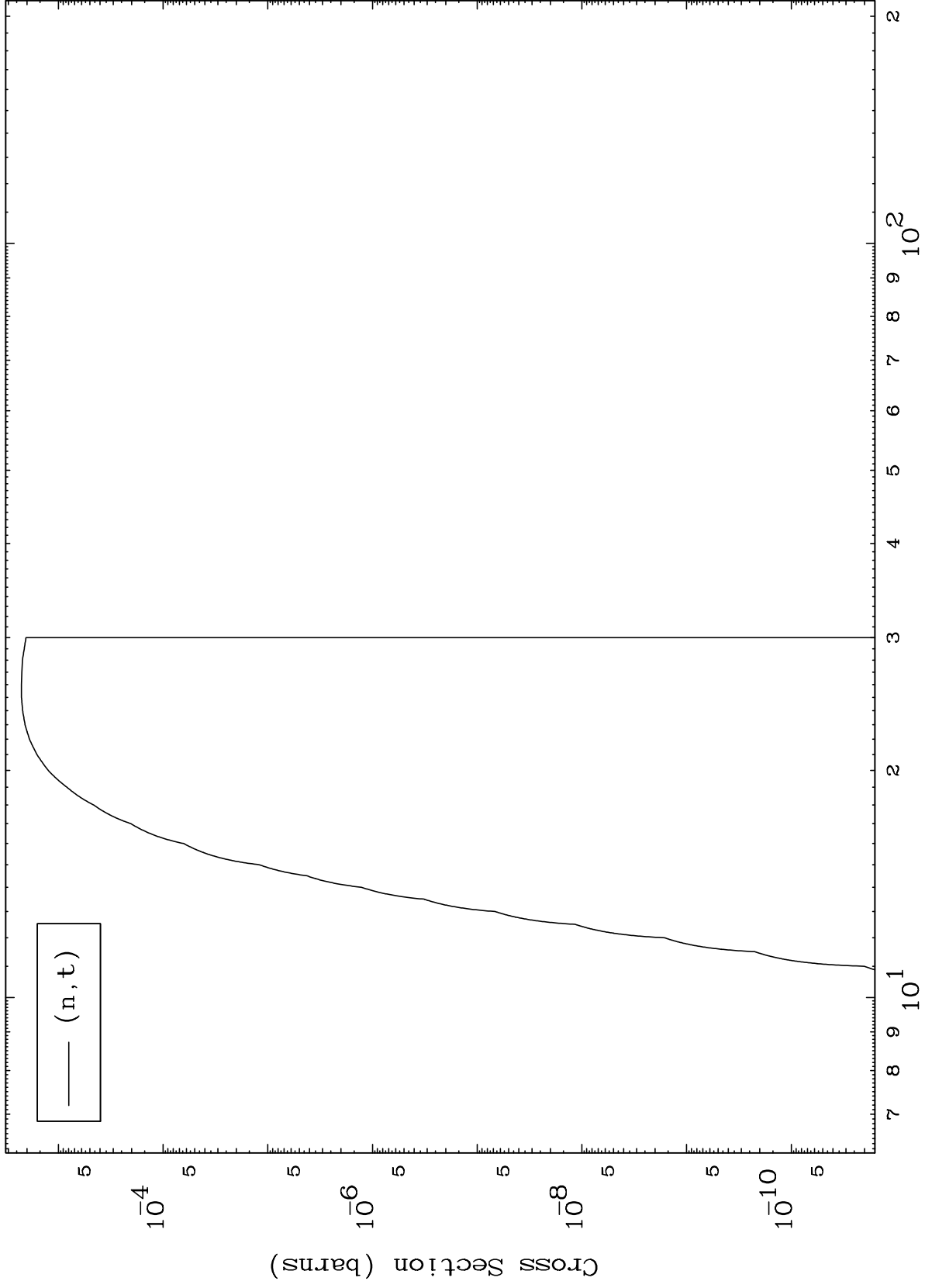
Incident Energy (MeV)

61-Pm-155

MAT 6173

(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-155



14

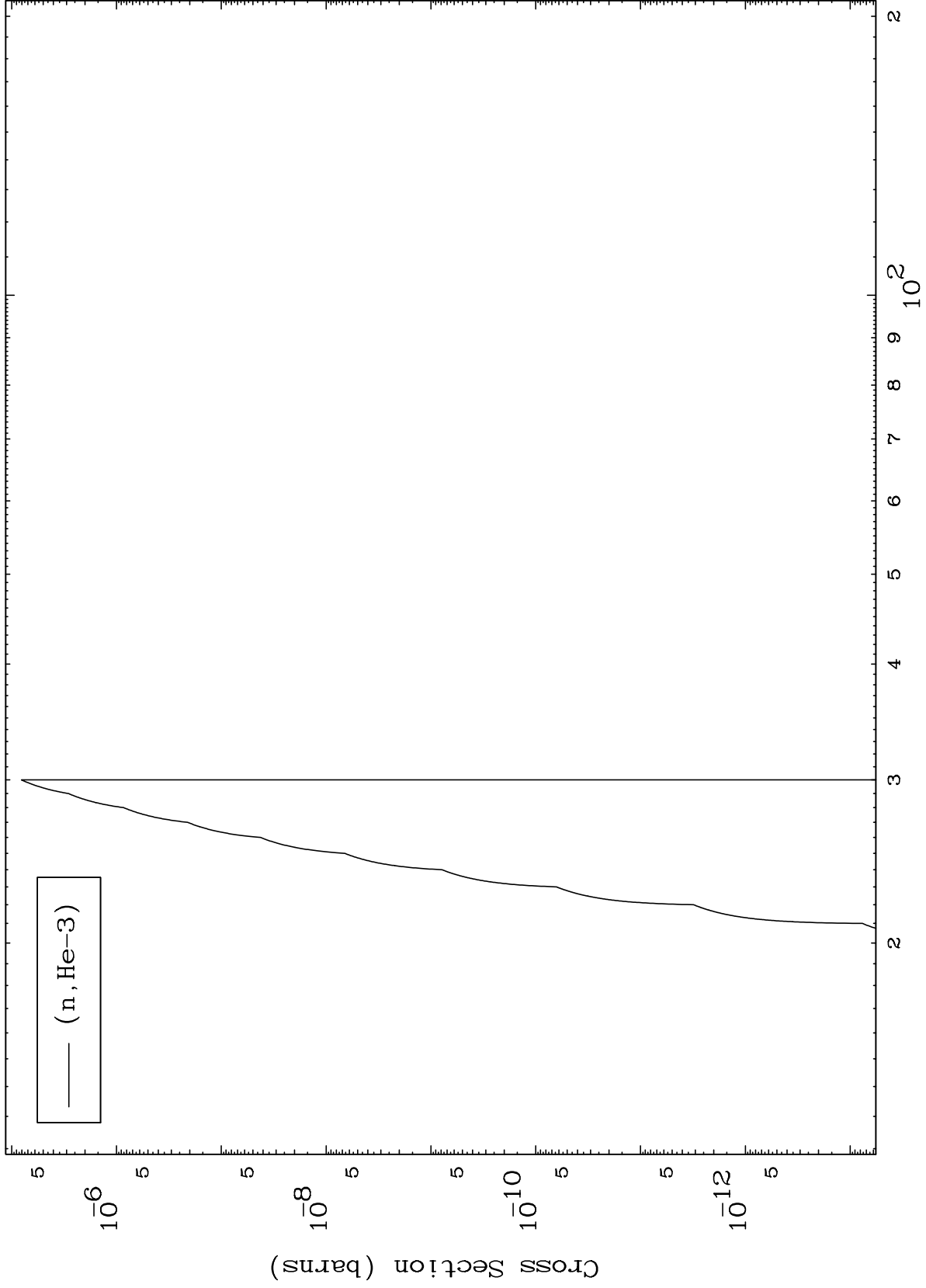
Incident Energy (MeV)

61-Pm-155

MAT 6173

(n,He3) Levels  
293 Kelvin Cross Sections

61-Pm-155



15

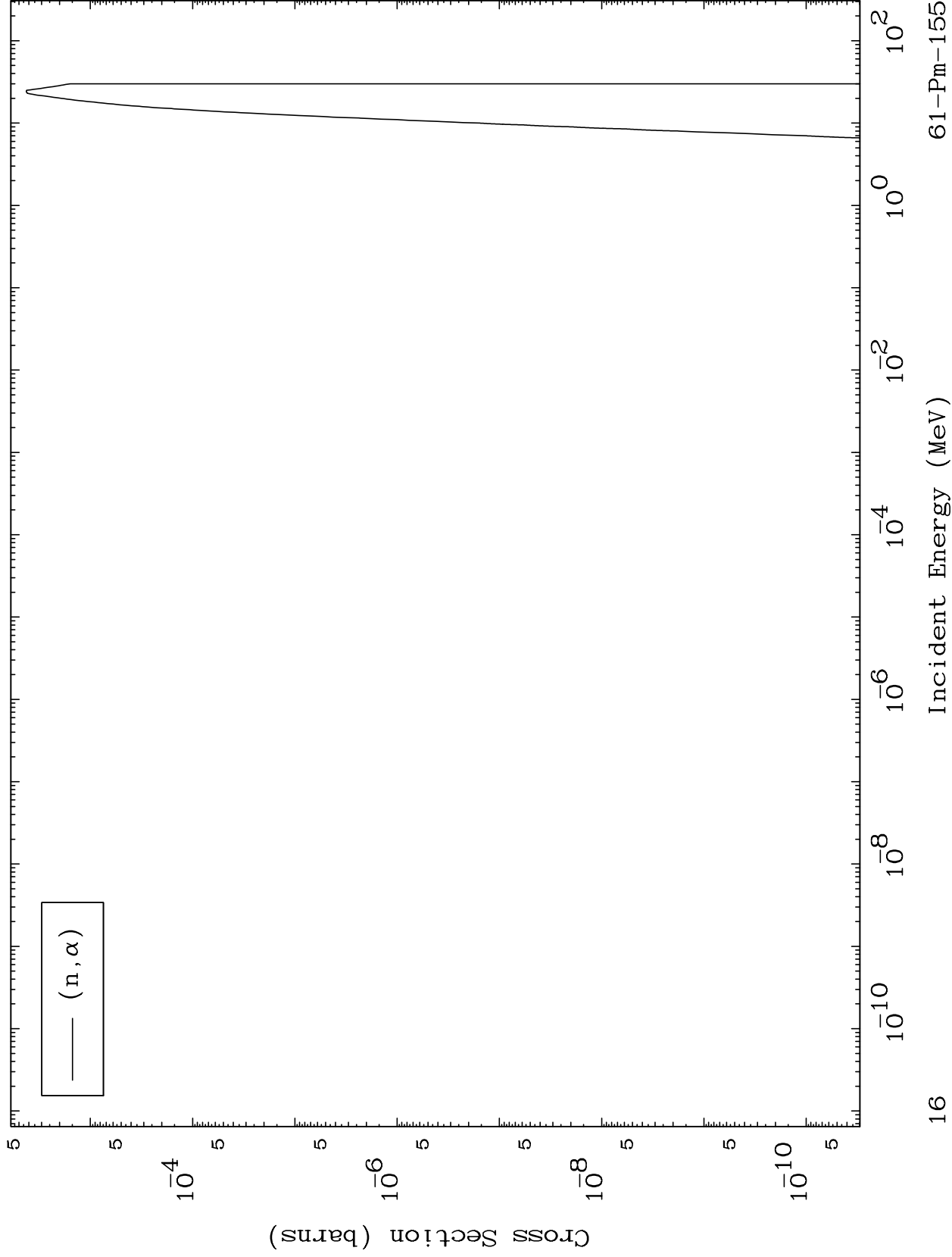
Incident Energy (MeV)

61-Pm-155

MAT 6173

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

61-Pm-155



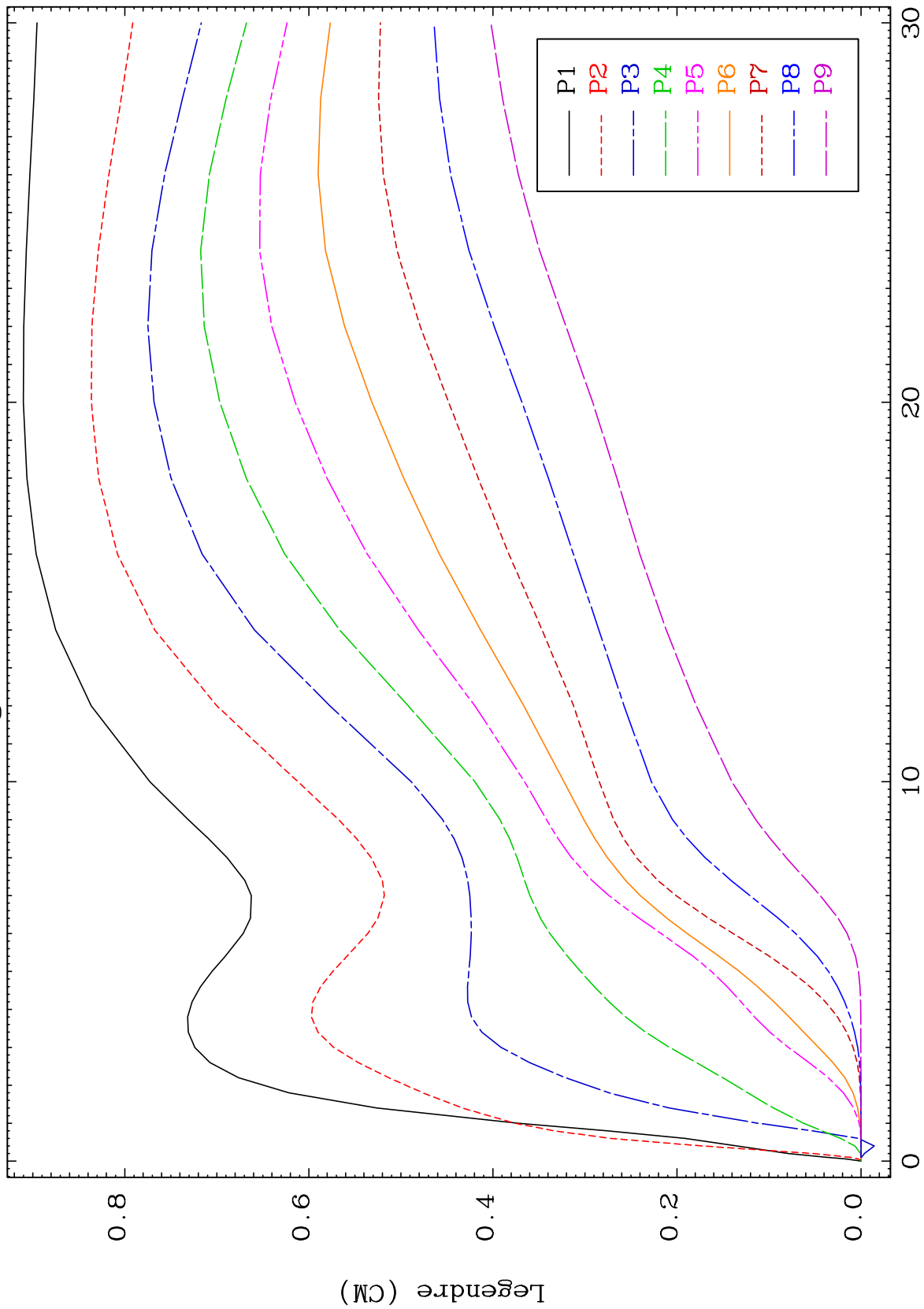
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61-Pm-155

MAT 6173

Elastic Legendre Coefficients

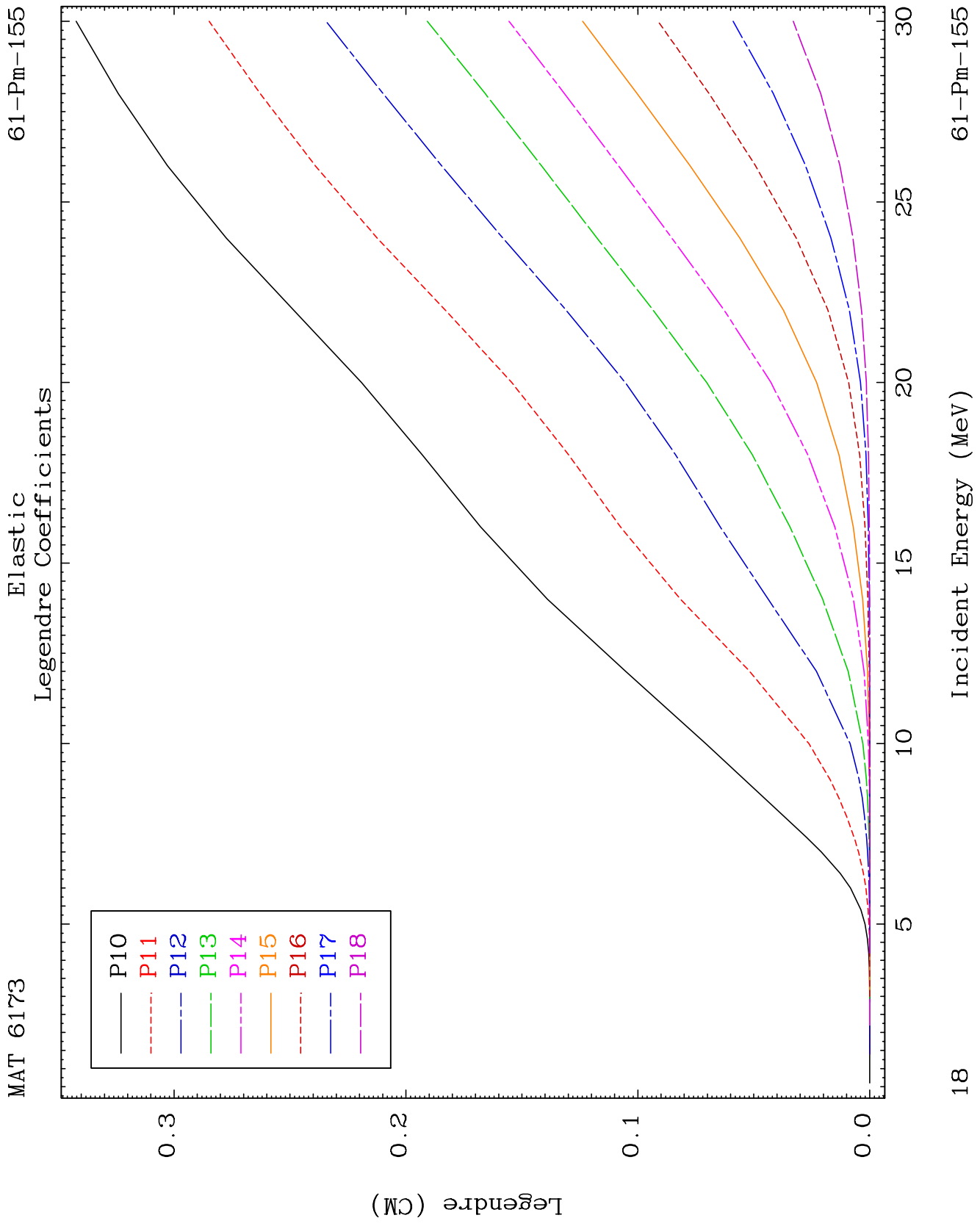
61-Pm-155



17

Incident Energy (MeV)

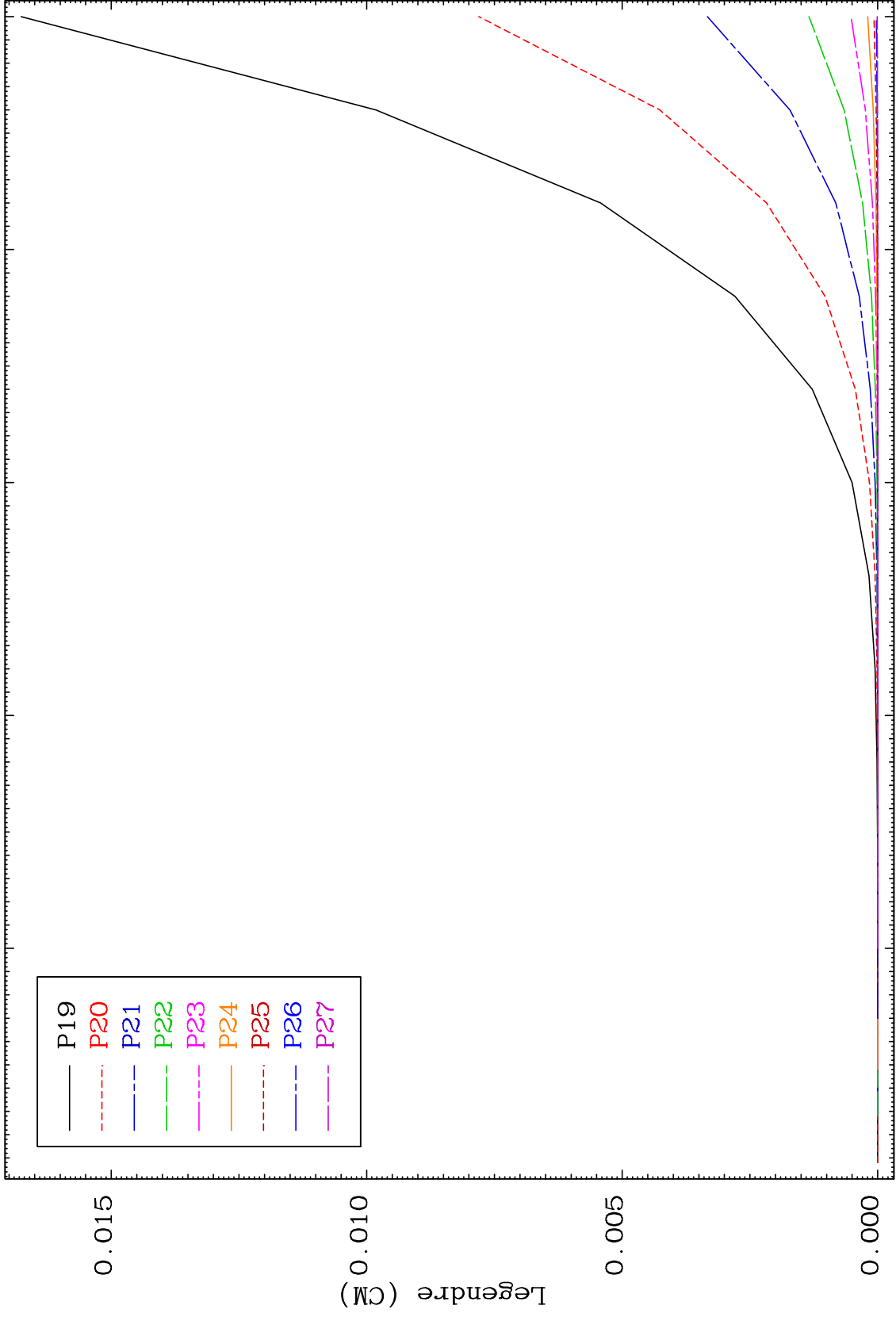
61-Pm-155



MAT 6173

Elastic Legendre Coefficients

61-Pm-155



19

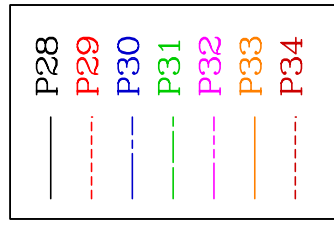
Incident Energy (MeV)

61-Pm-155

MAT 6173

Elastic Legendre Coefficients

61-Pm-155

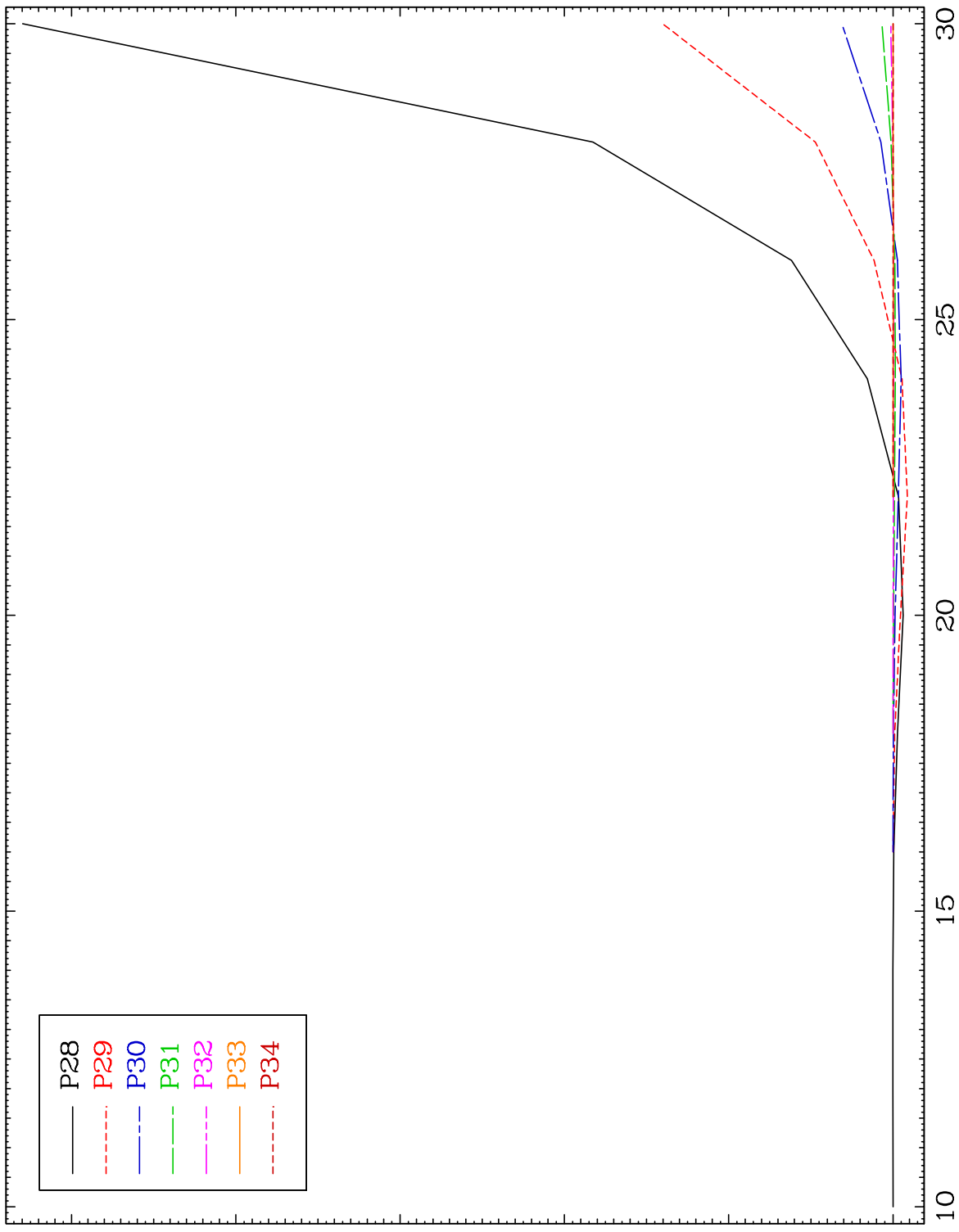


$\times 10^{-6.5}$

Legendre (CM)

Incident Energy (MeV)

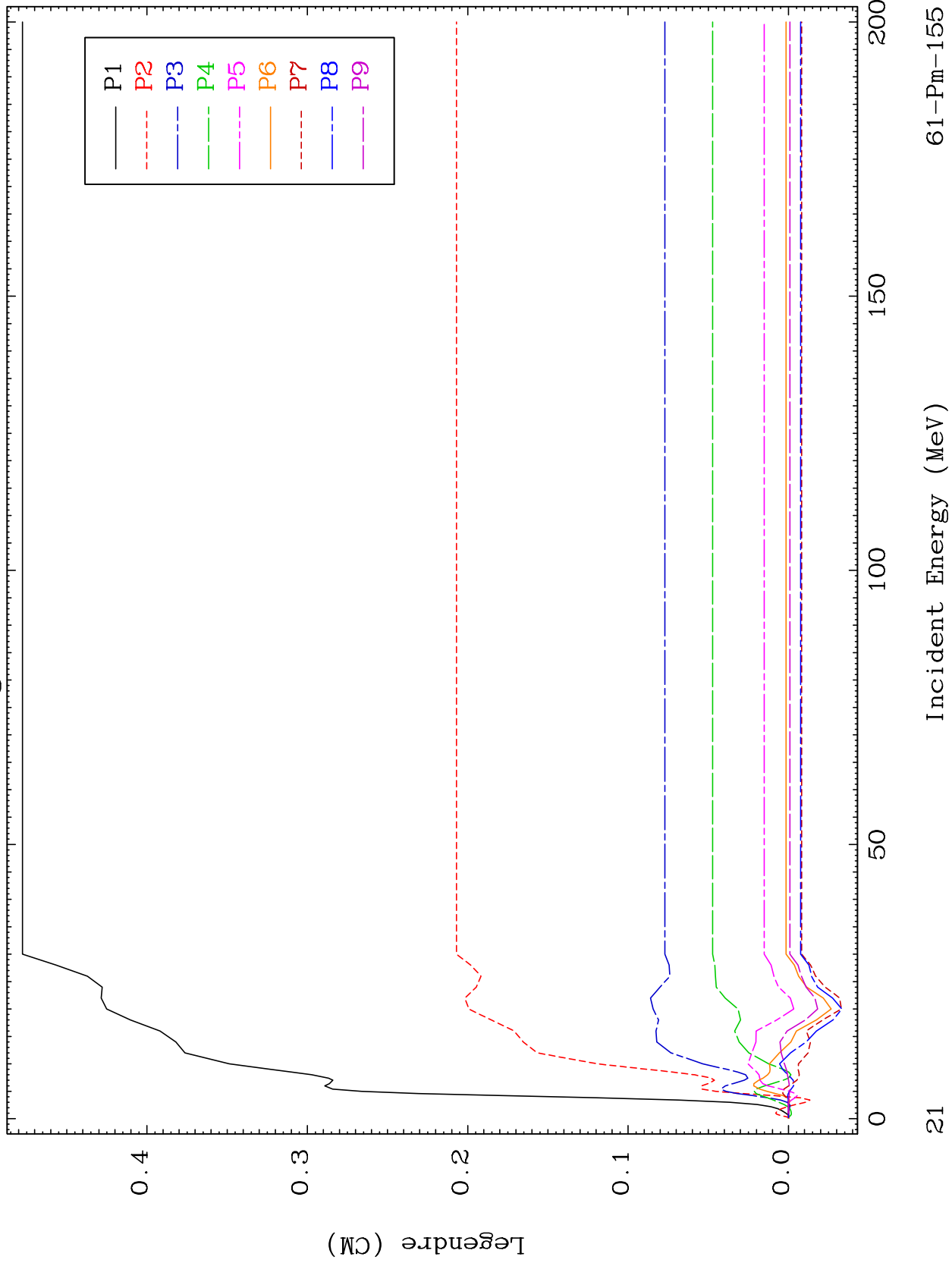
61-Pm-155



MAT 6173

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

61-Pm-155

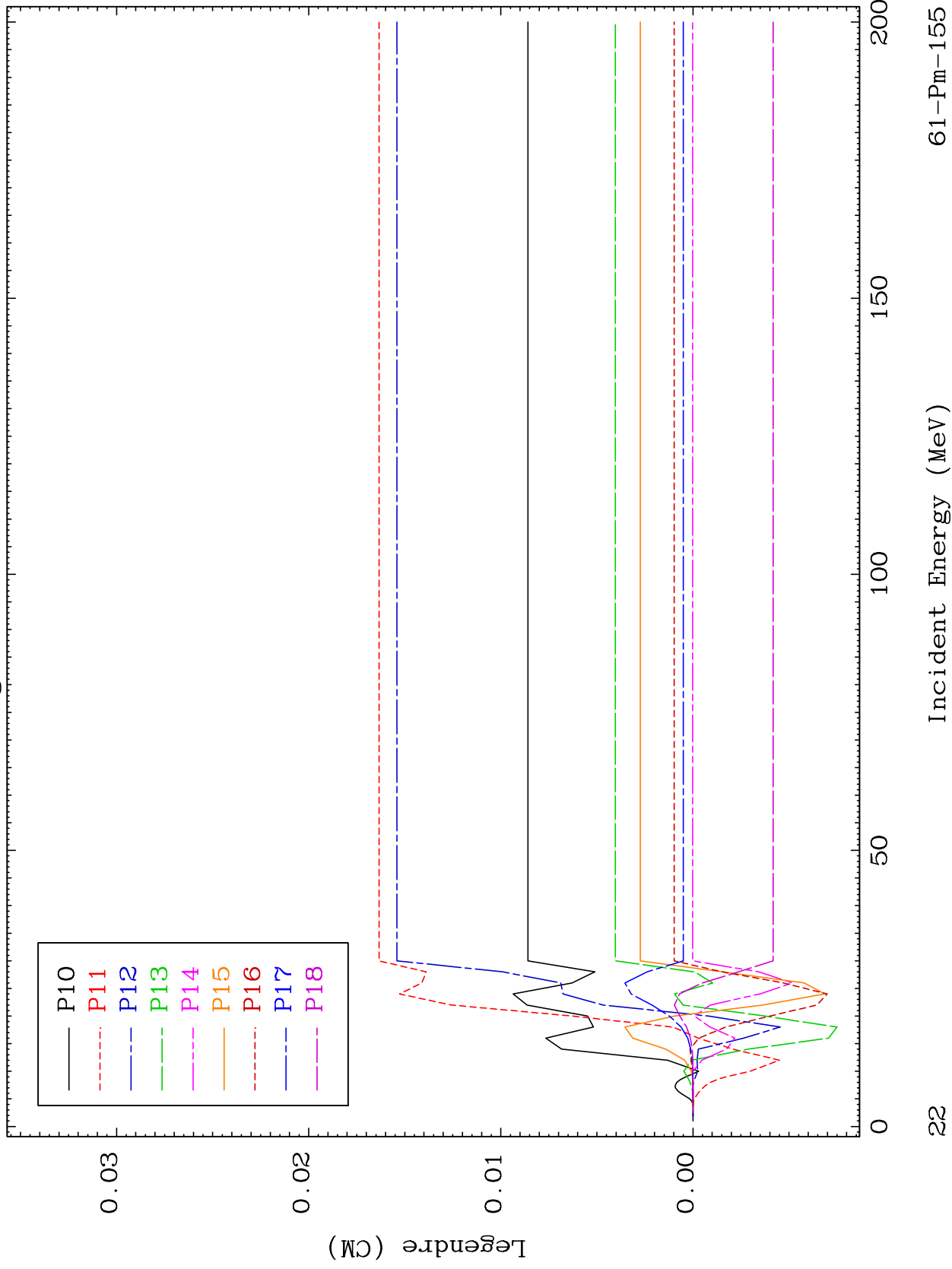


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MAT 6173

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

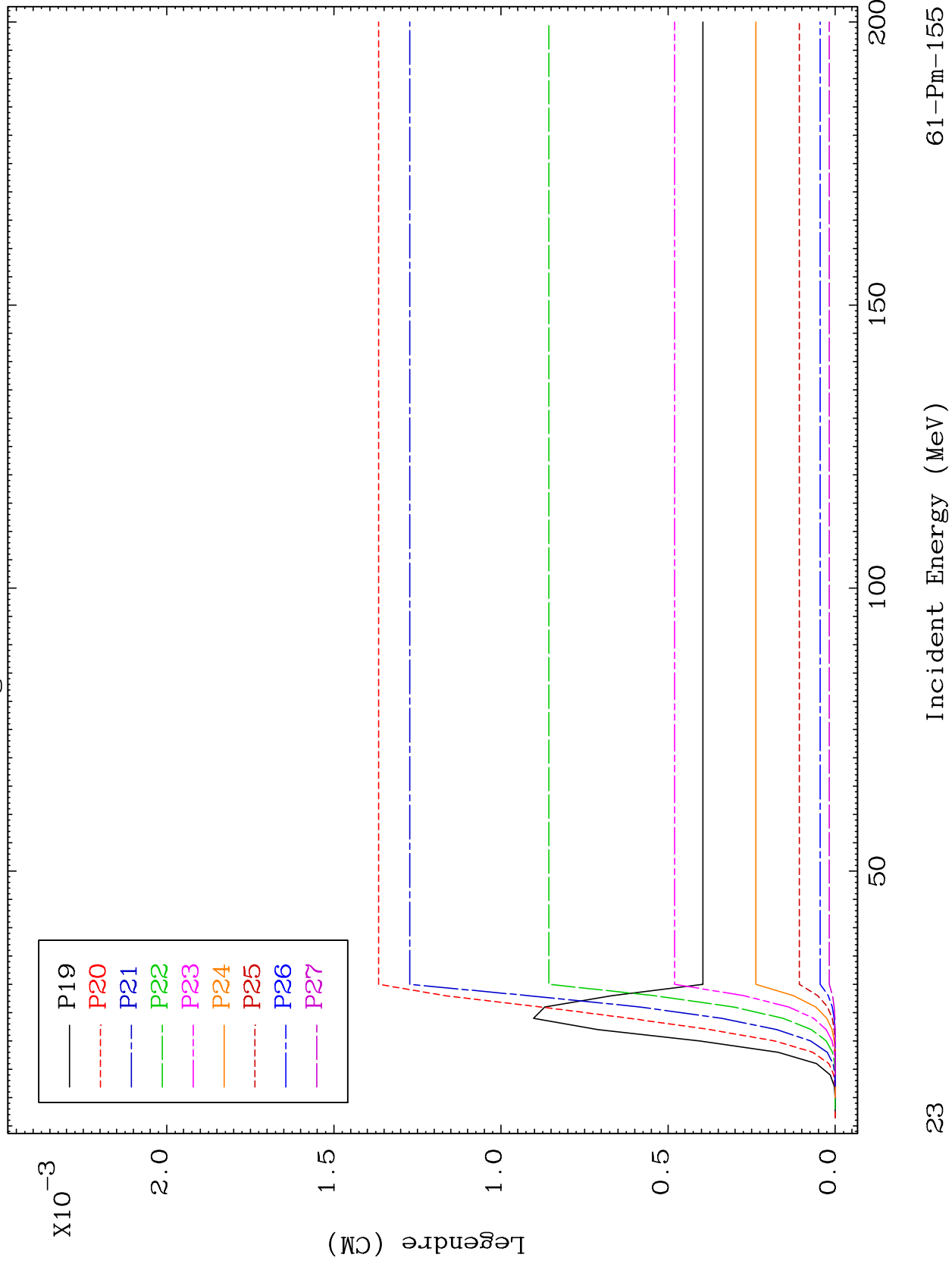
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MAT 6173

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

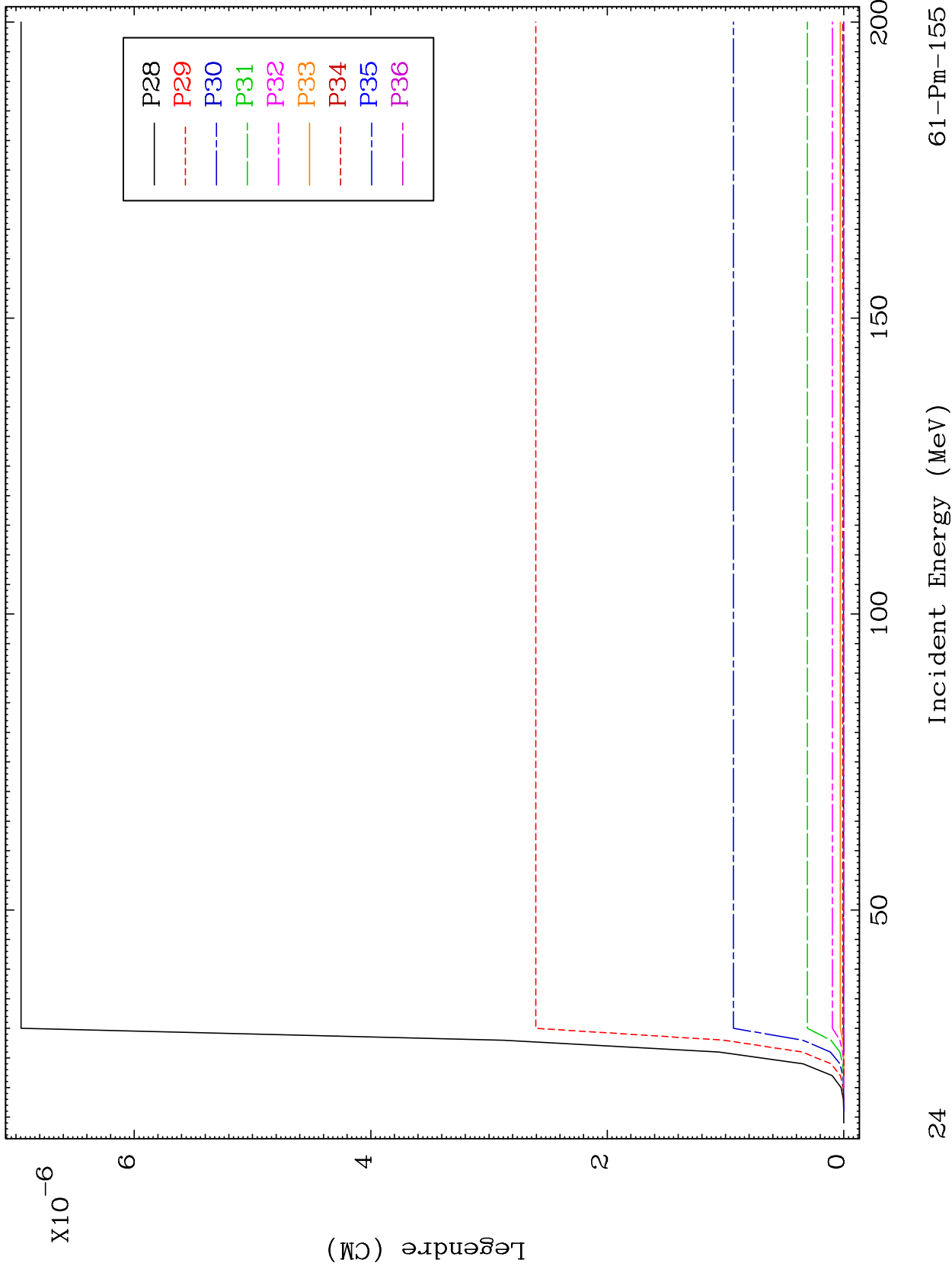
61-Pm-155



MAT 6173

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

61-Pm-155



24

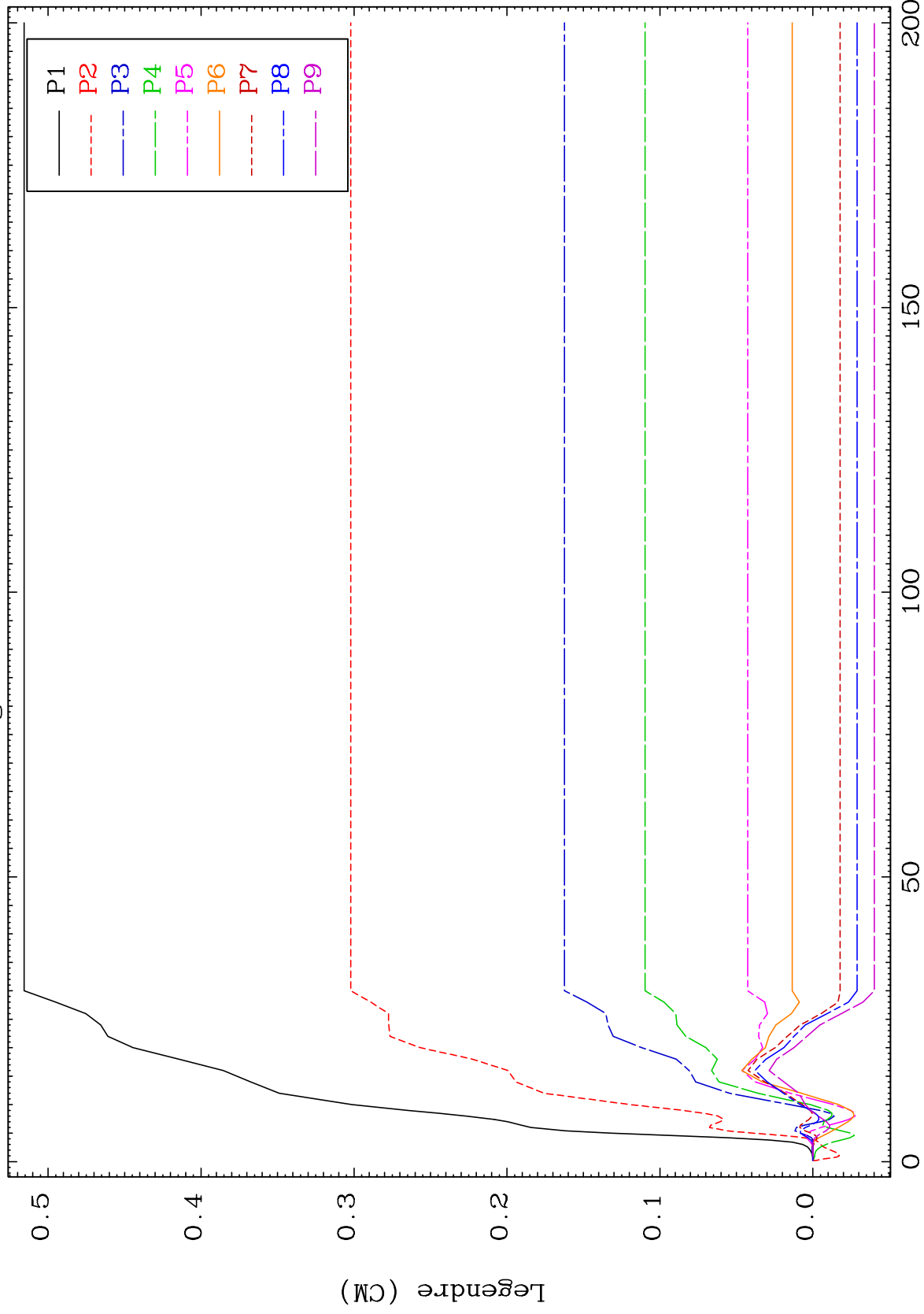
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



25

Incident Energy (MeV)

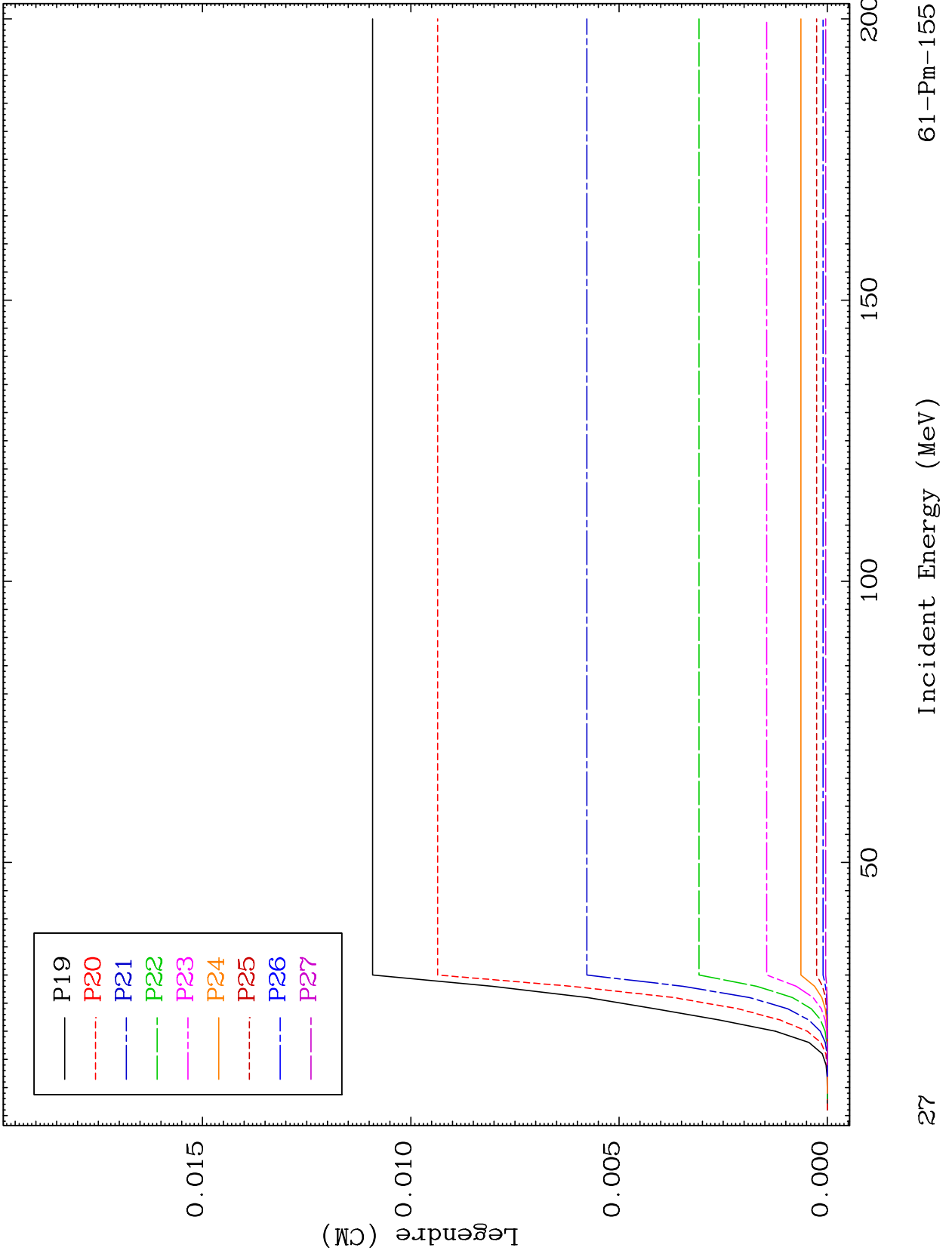
61-Pm-155



MAT 6173

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

61-Pm-155



27

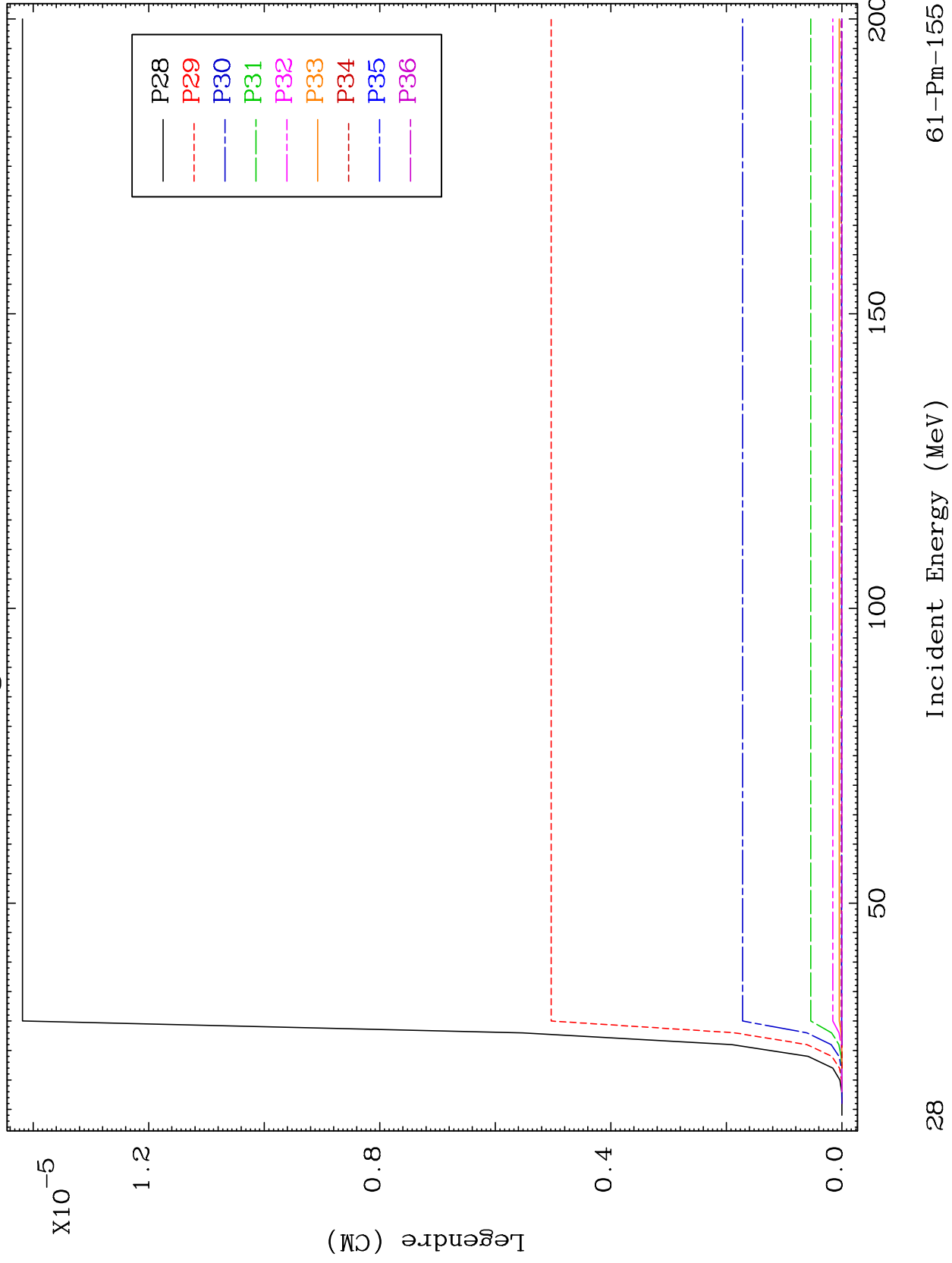
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



28

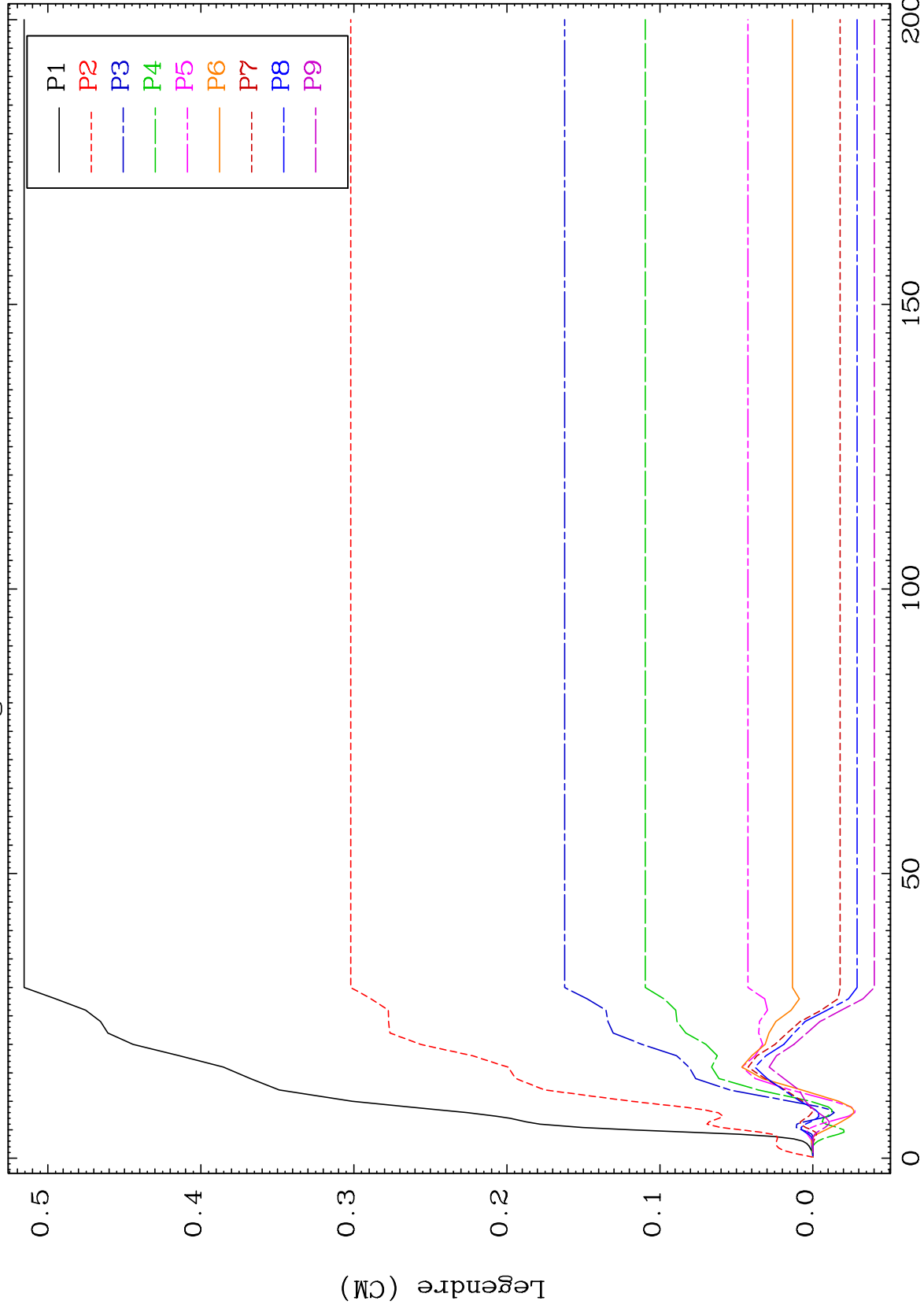
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

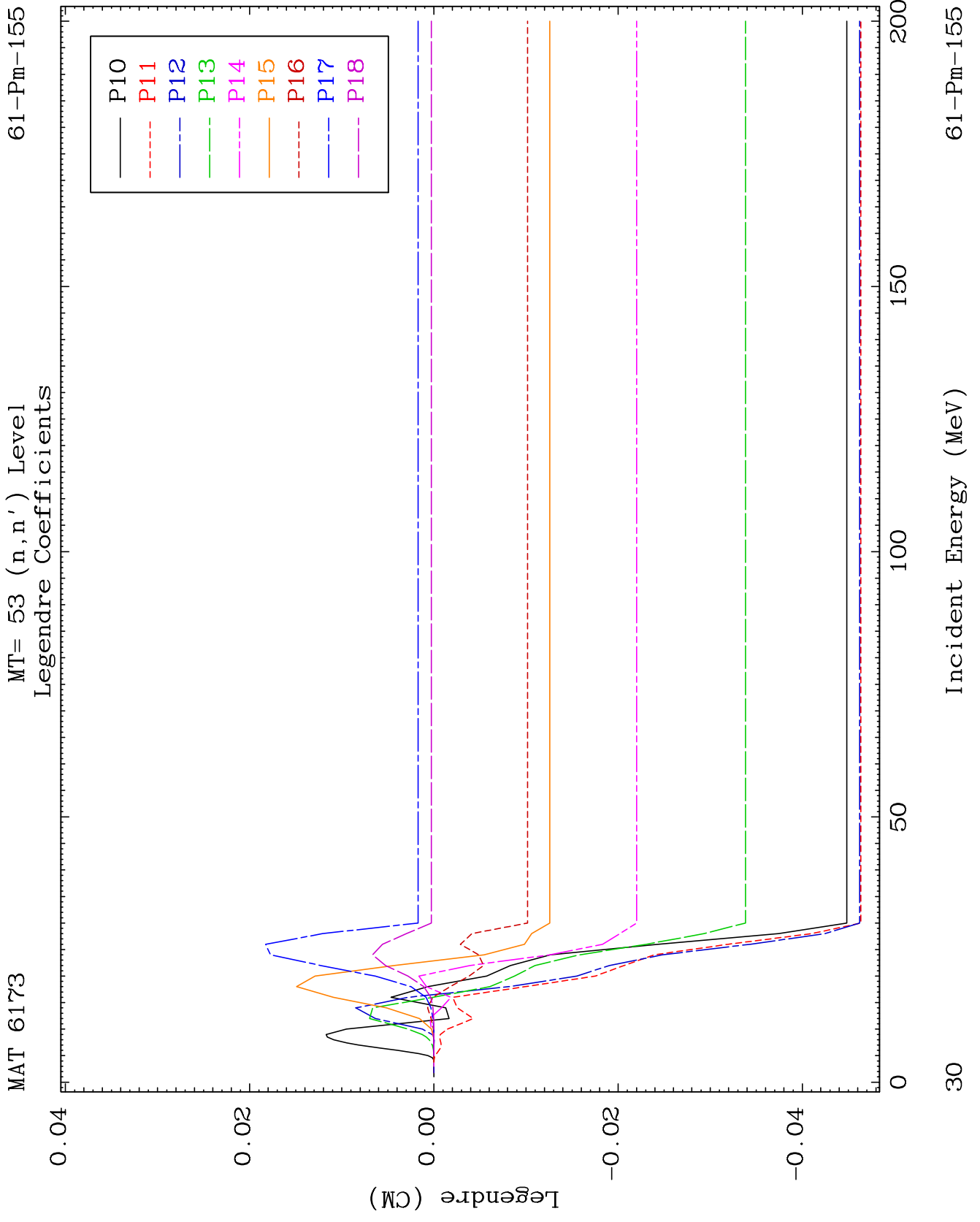
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29

Incident Energy (MeV)

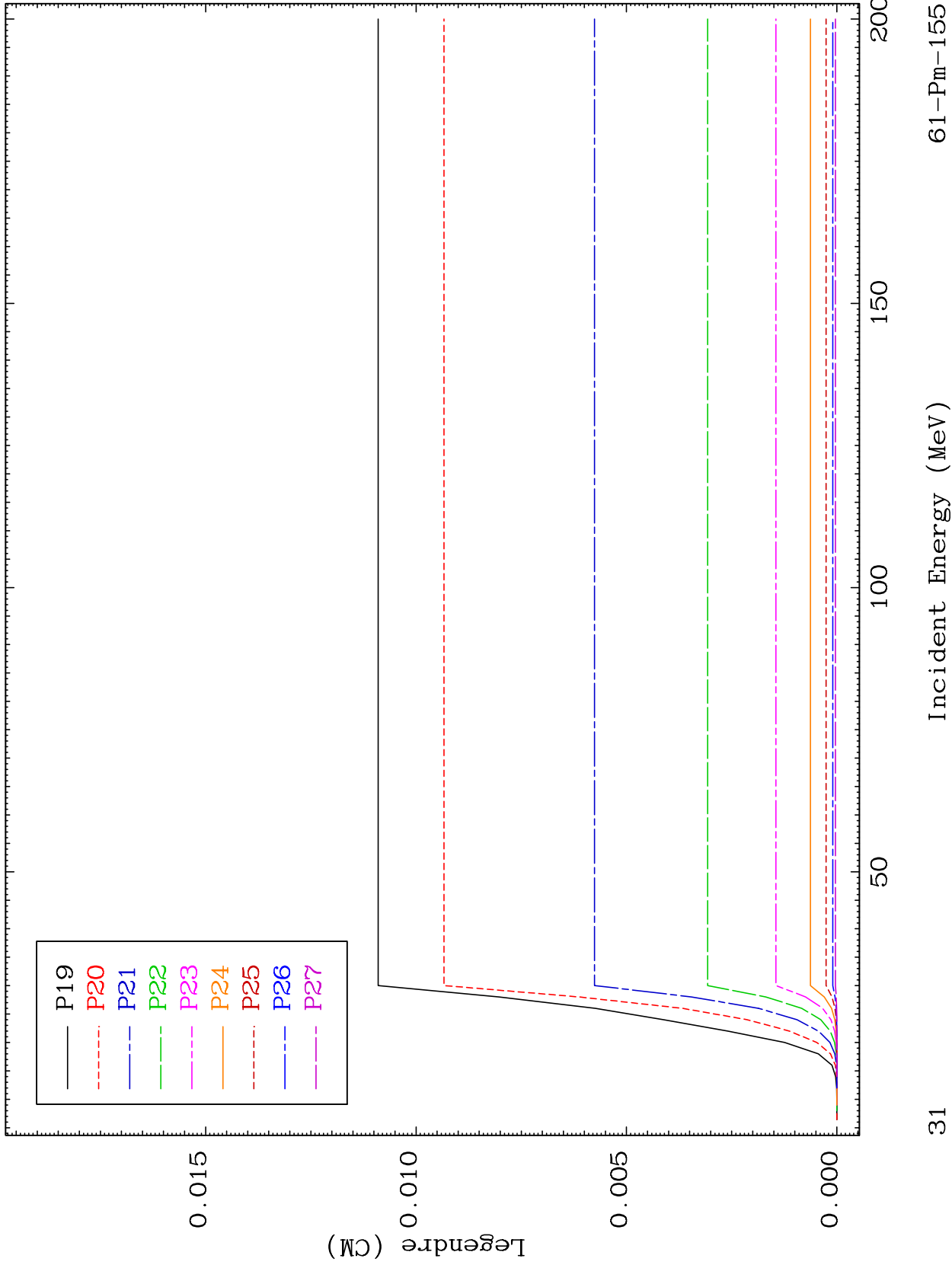
61-Pm-155



MAT 6173

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

61-Pm-155



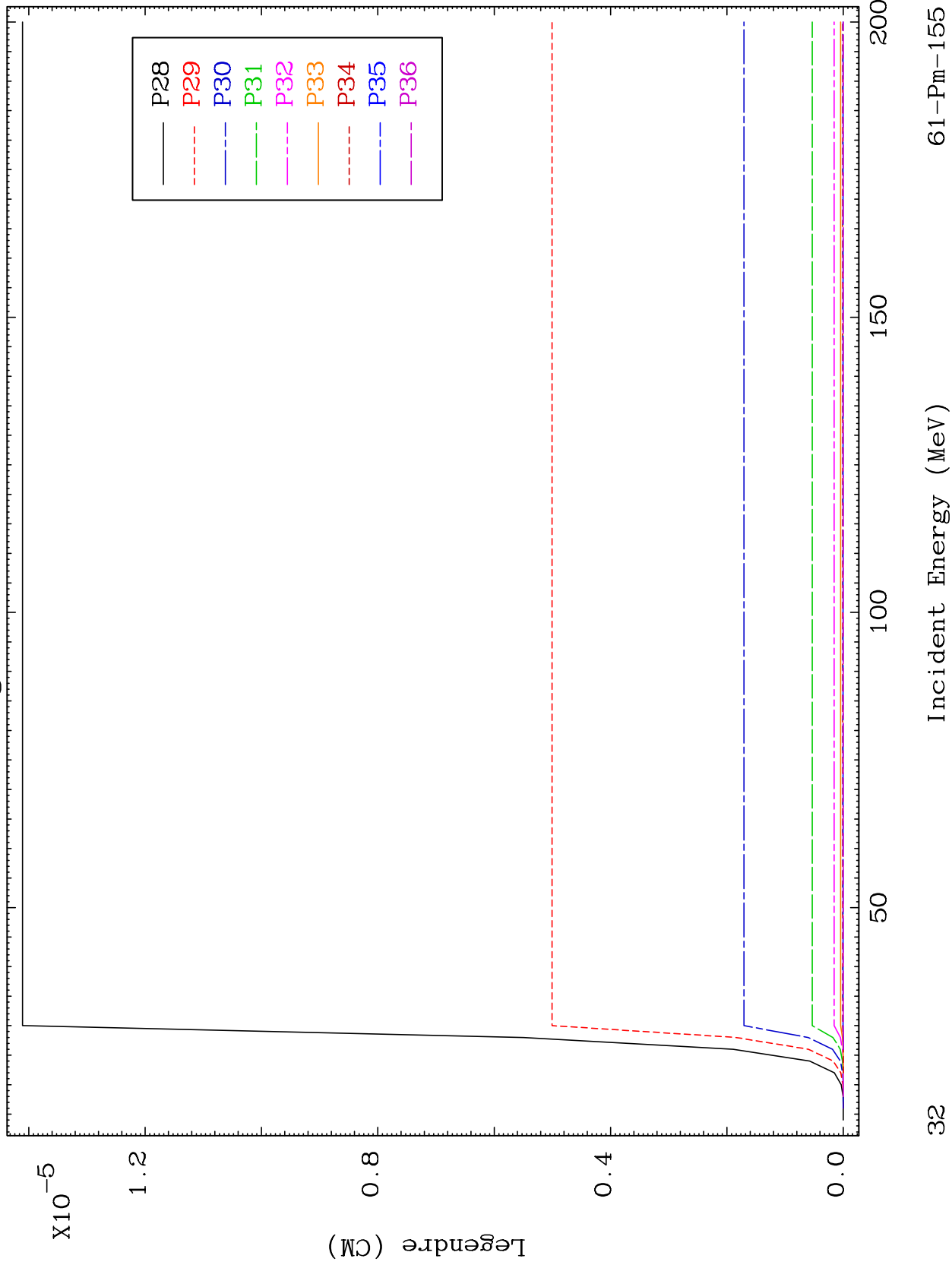
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61-Pm-155

MAT 6173

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

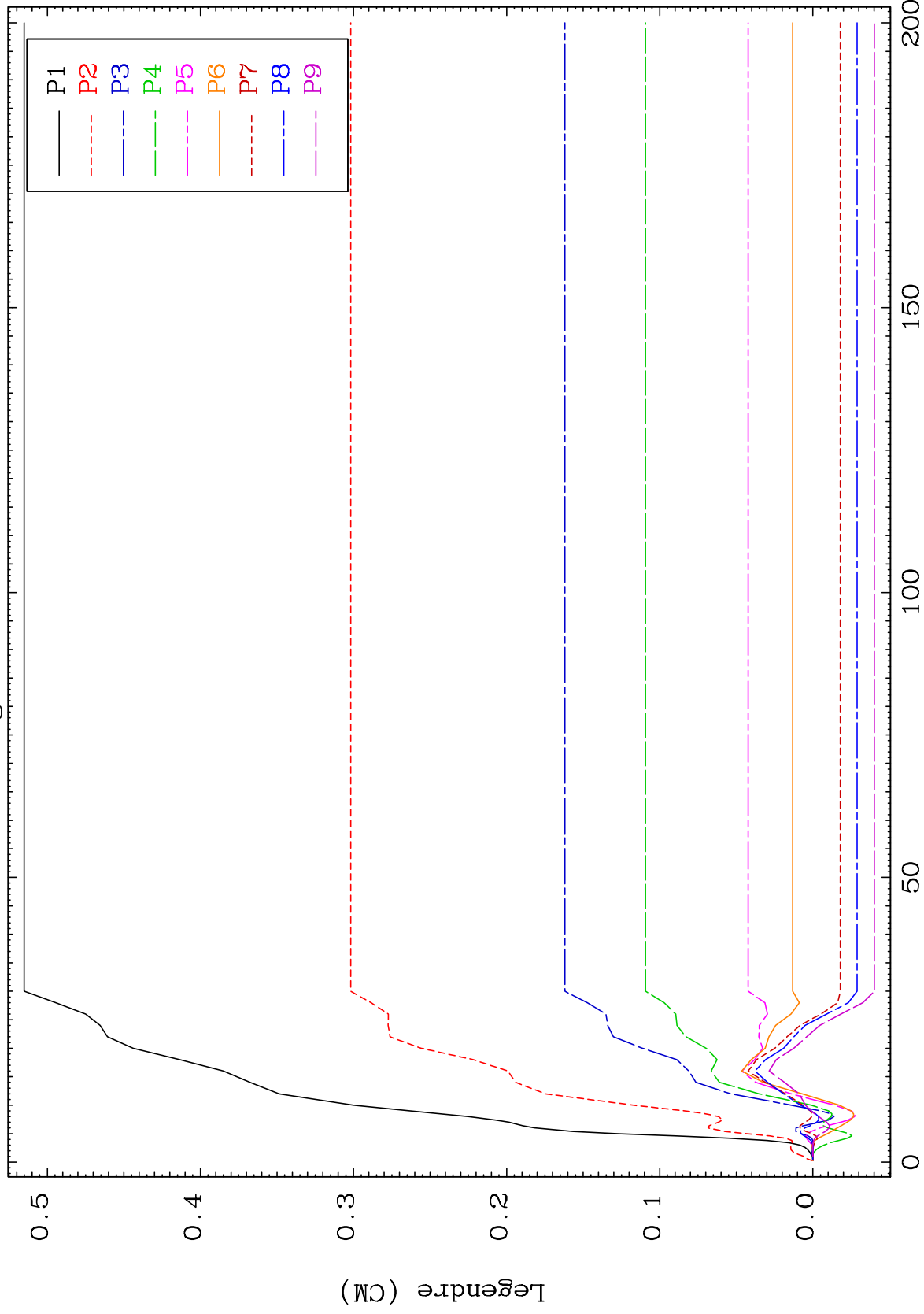
61-Pm-155



MAT 6173

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

61-Pm-155



33

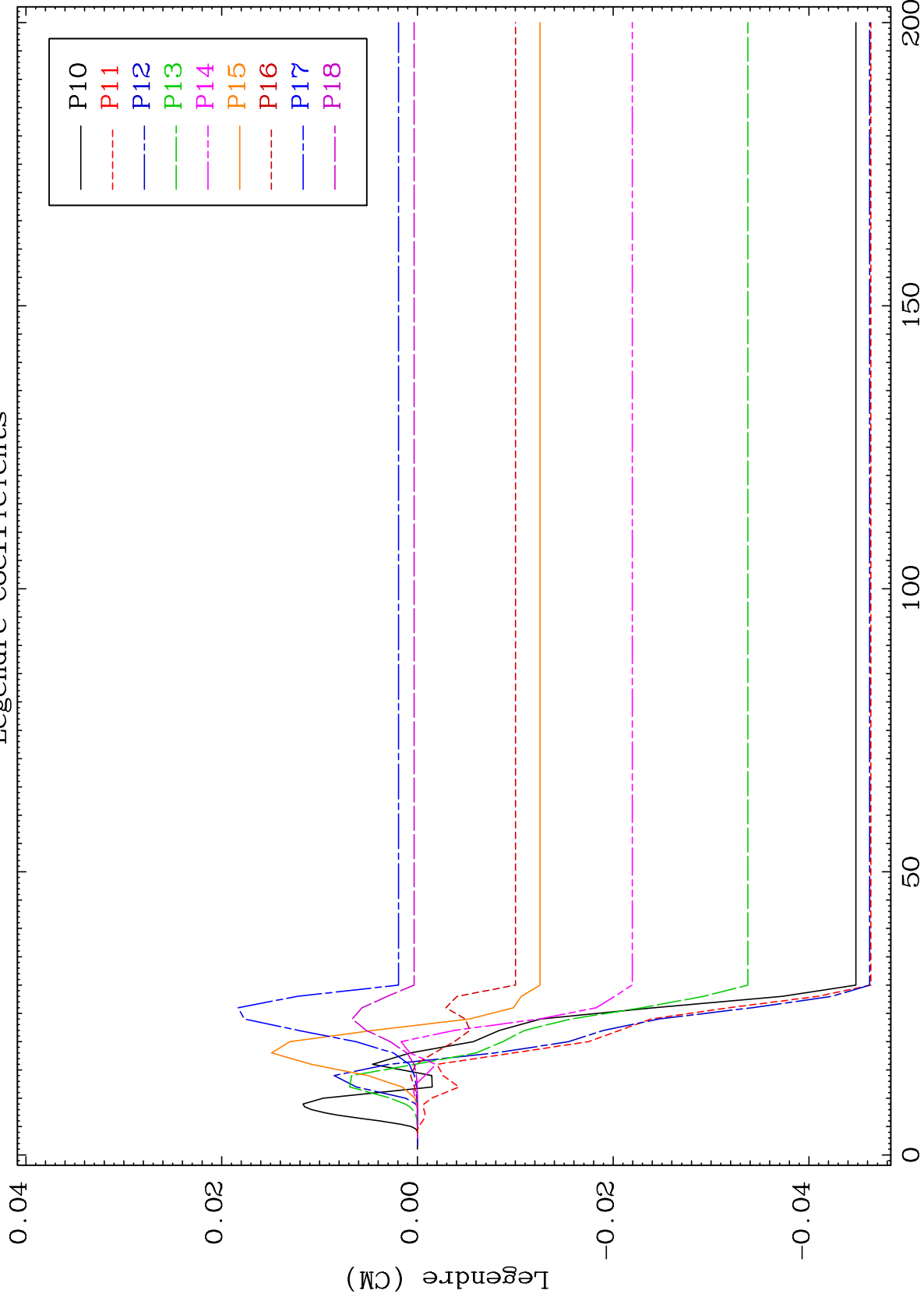
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



34

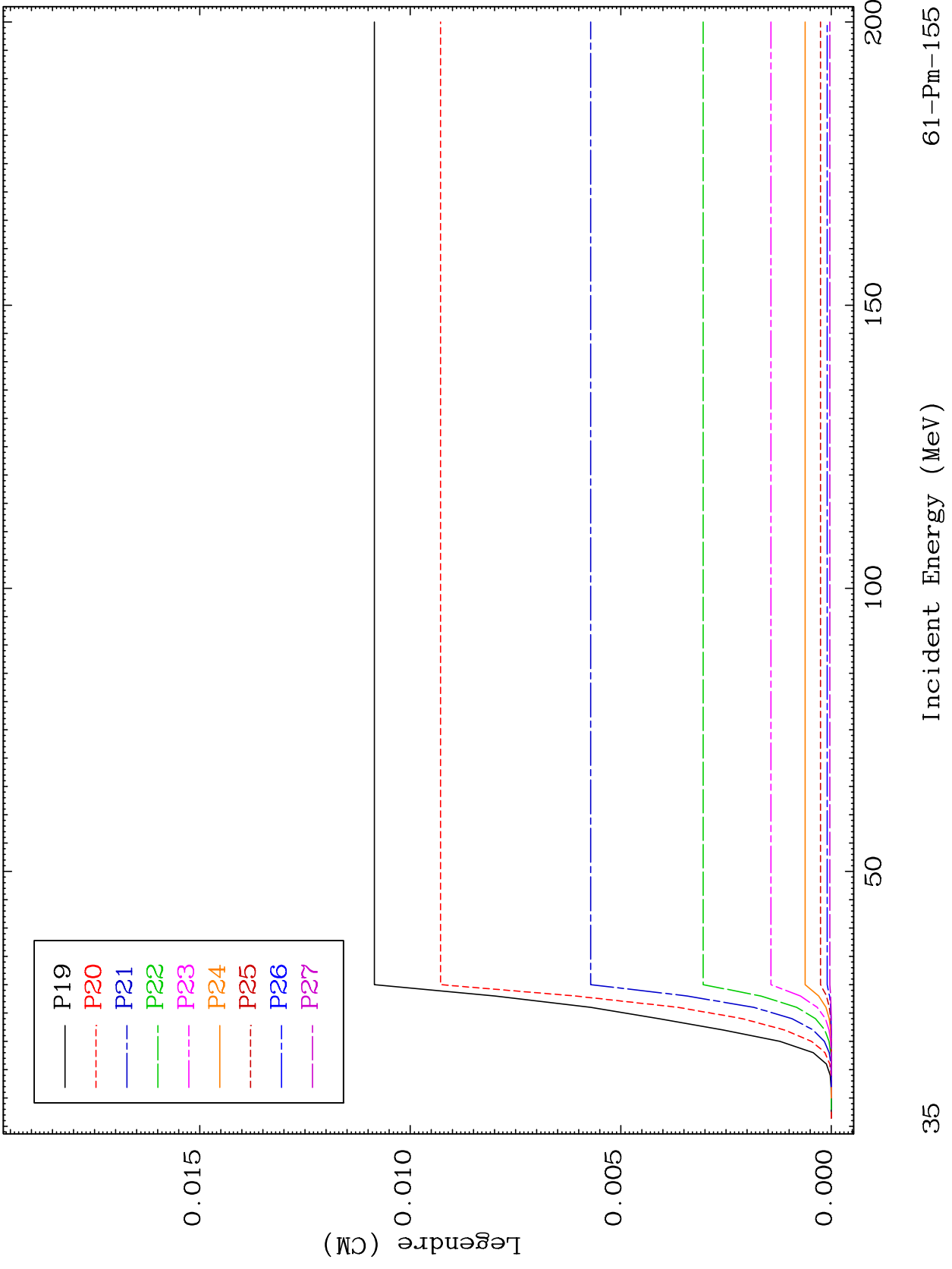
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



35

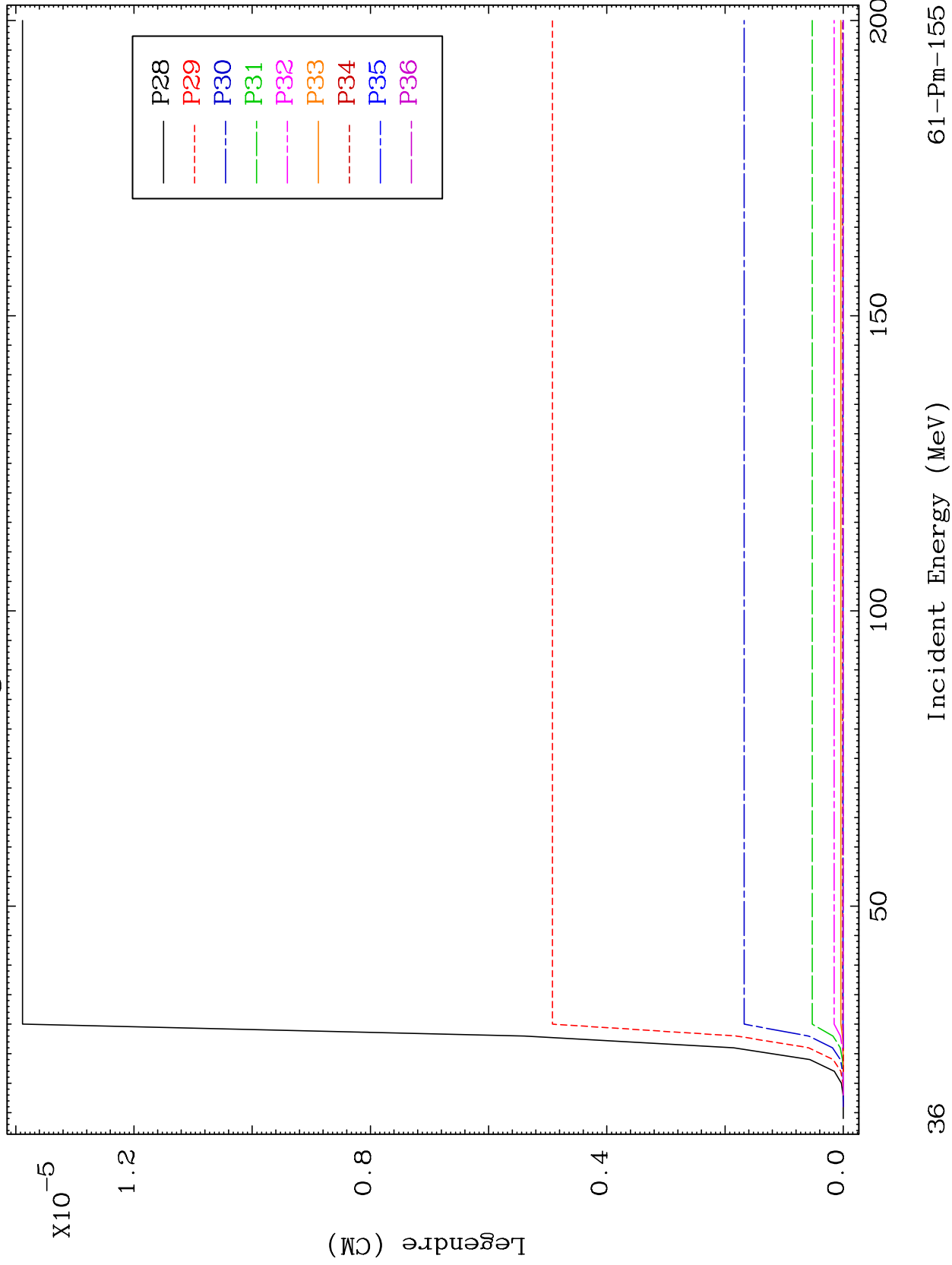
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

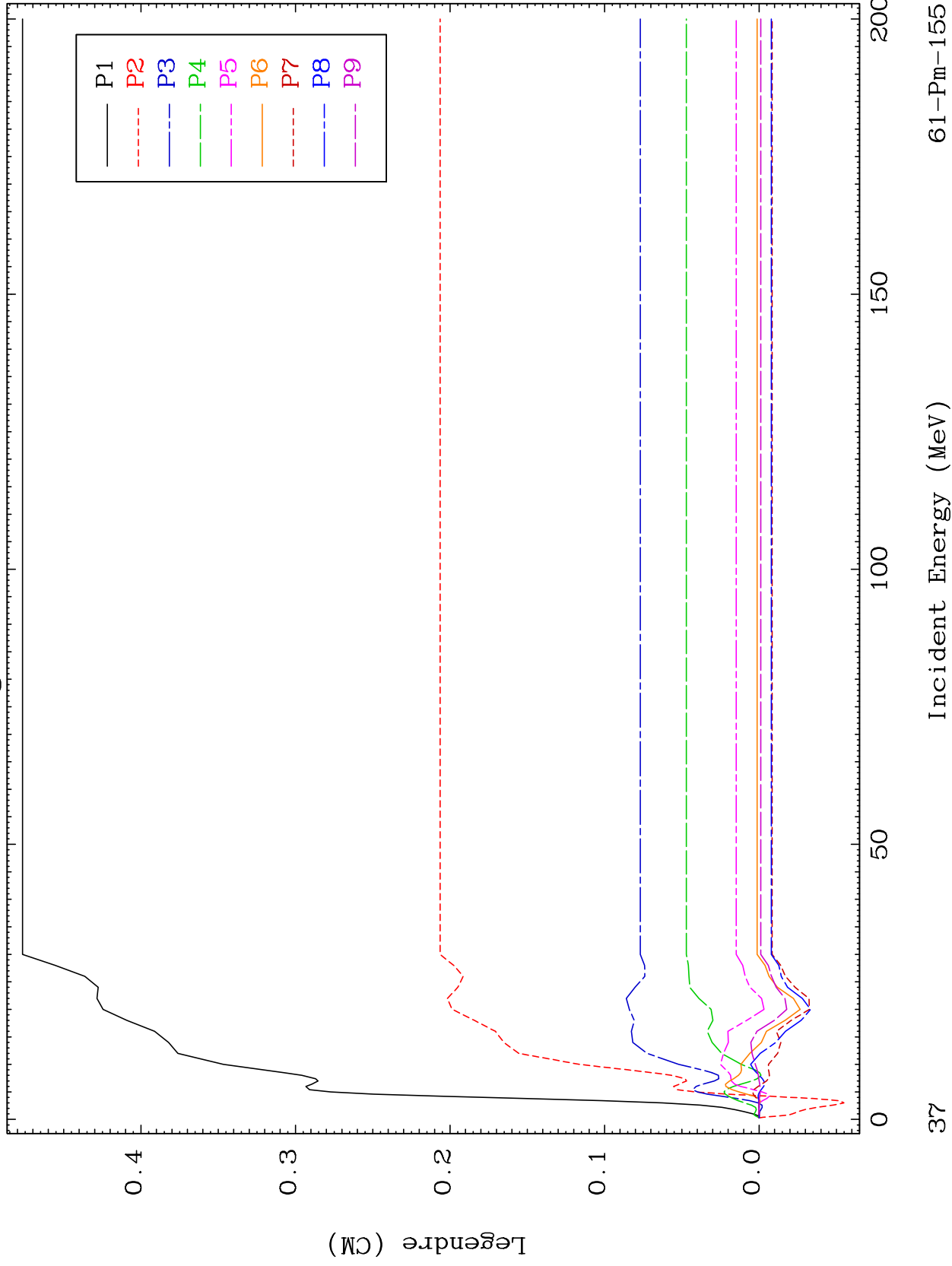
61-Pm-155



MAT 6173

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

61-Pm-155



61-Pm-155

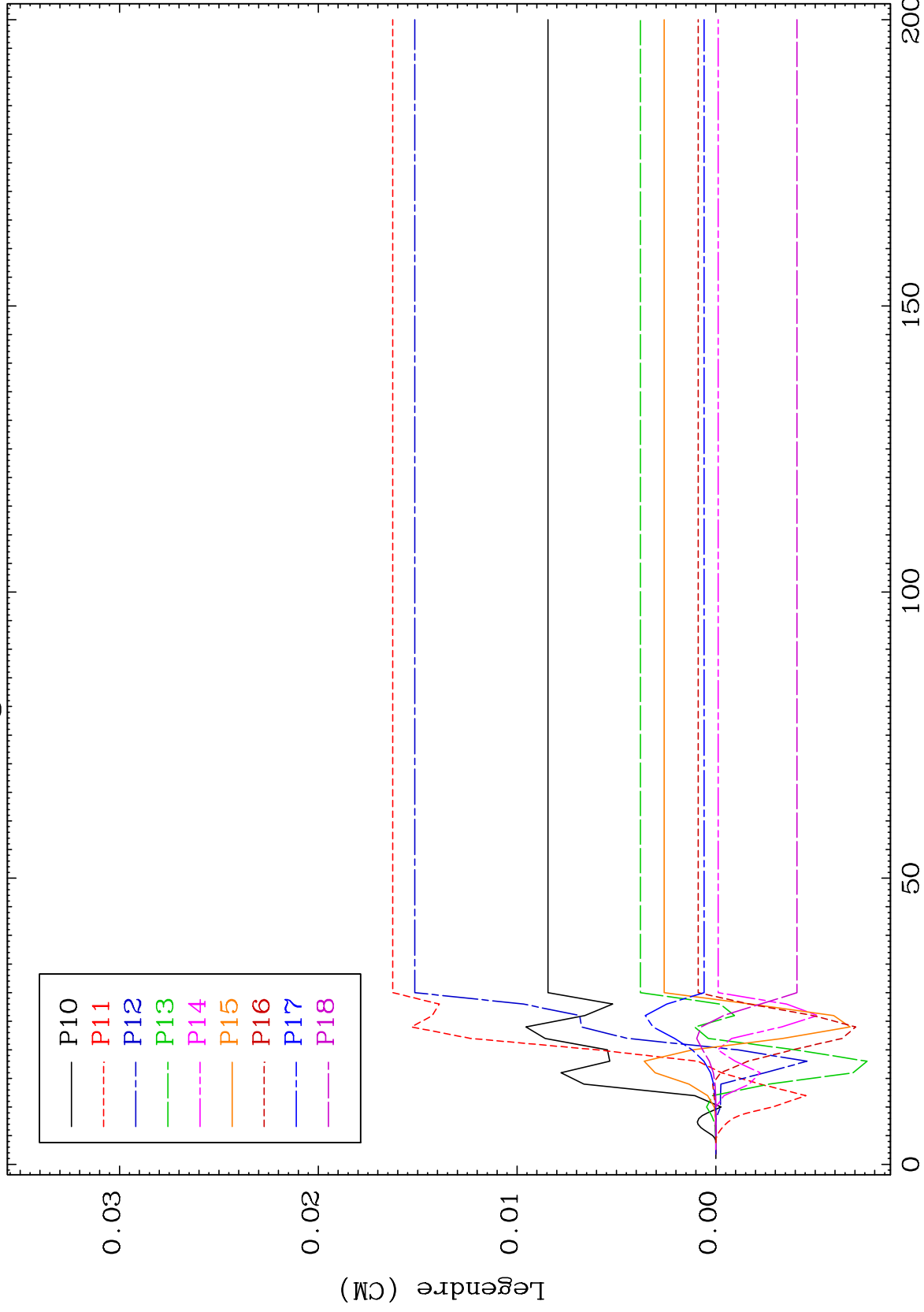
Incident Energy (MeV)

37

MAT 6173

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

61-Pm-155



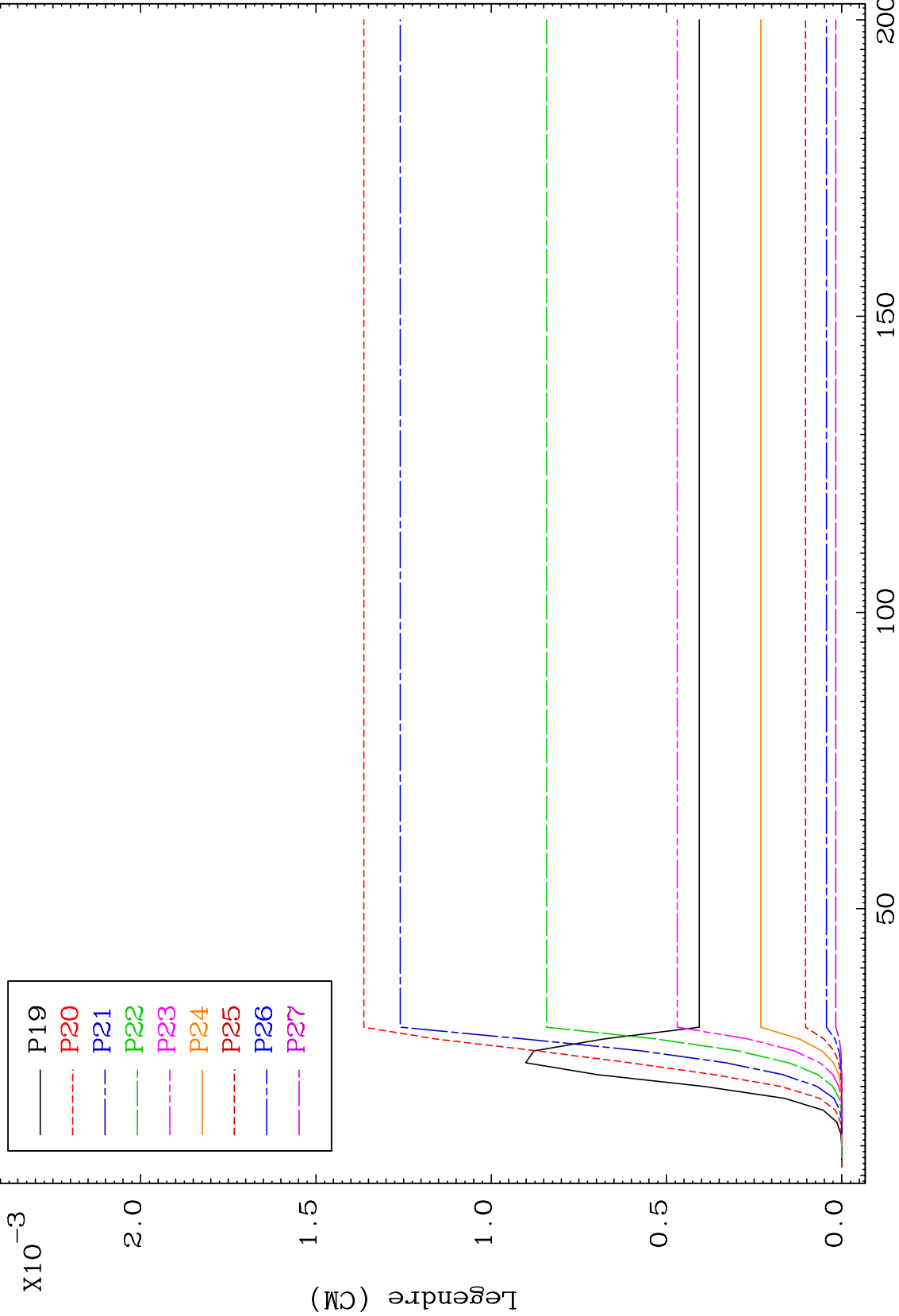
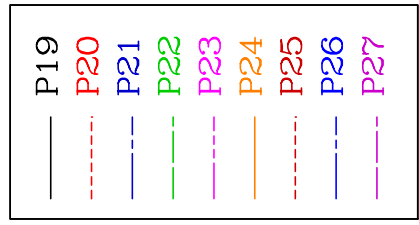
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61-Pm-155

MAT 6173

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

61-Pm-155



39

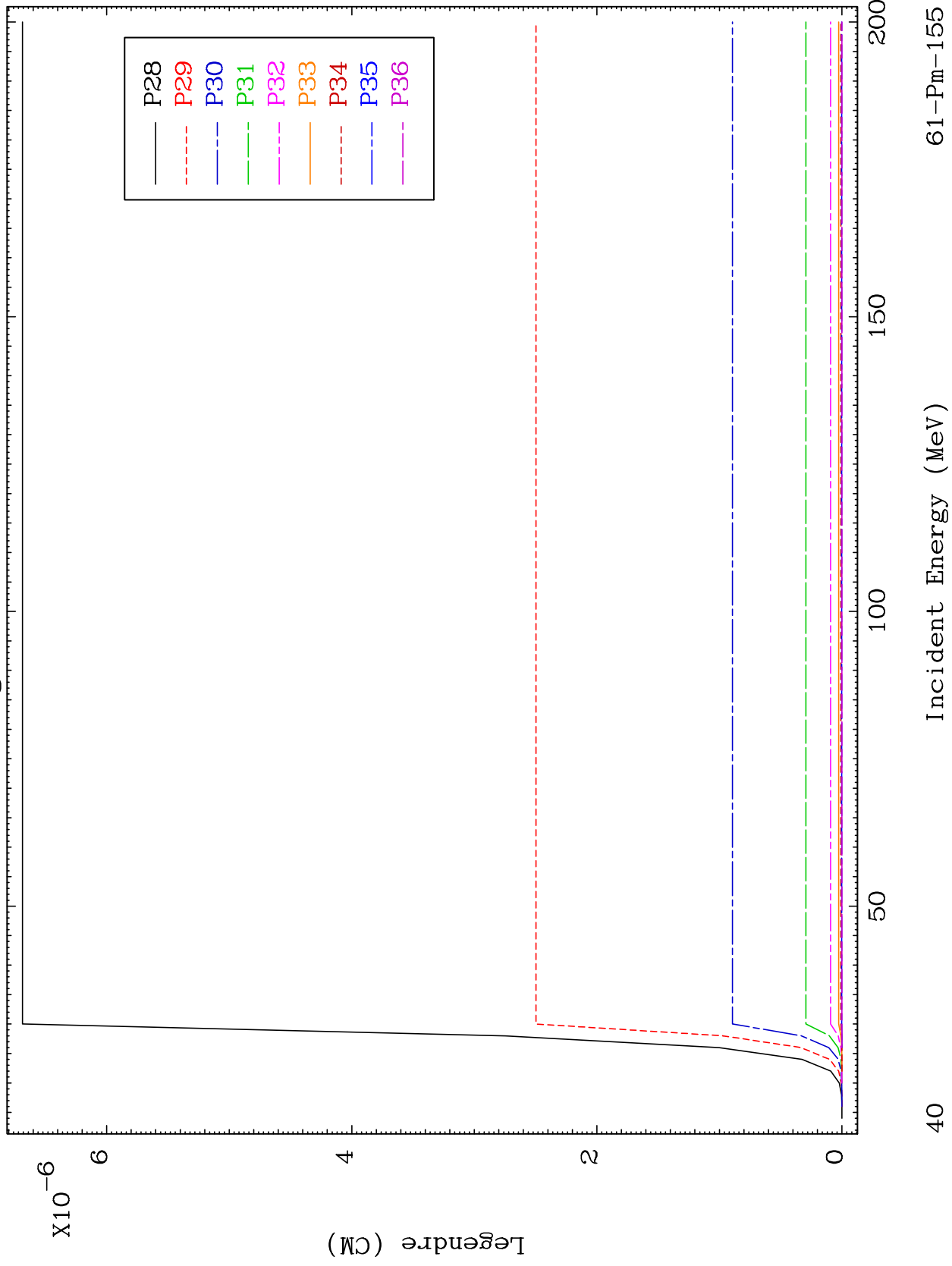
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

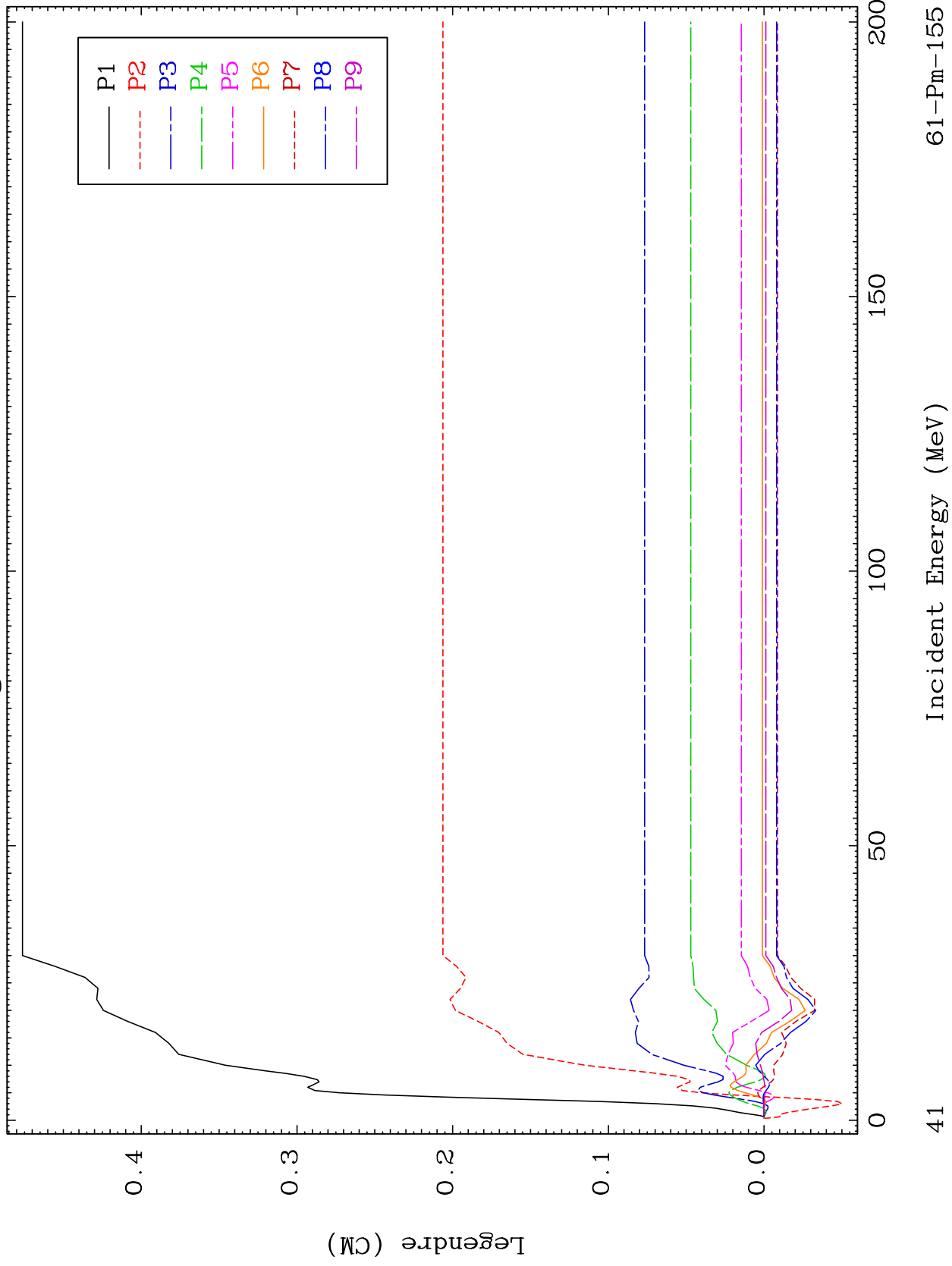
61-Pm-155



MAT 6173

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

61-Pm-155



61-Pm-155

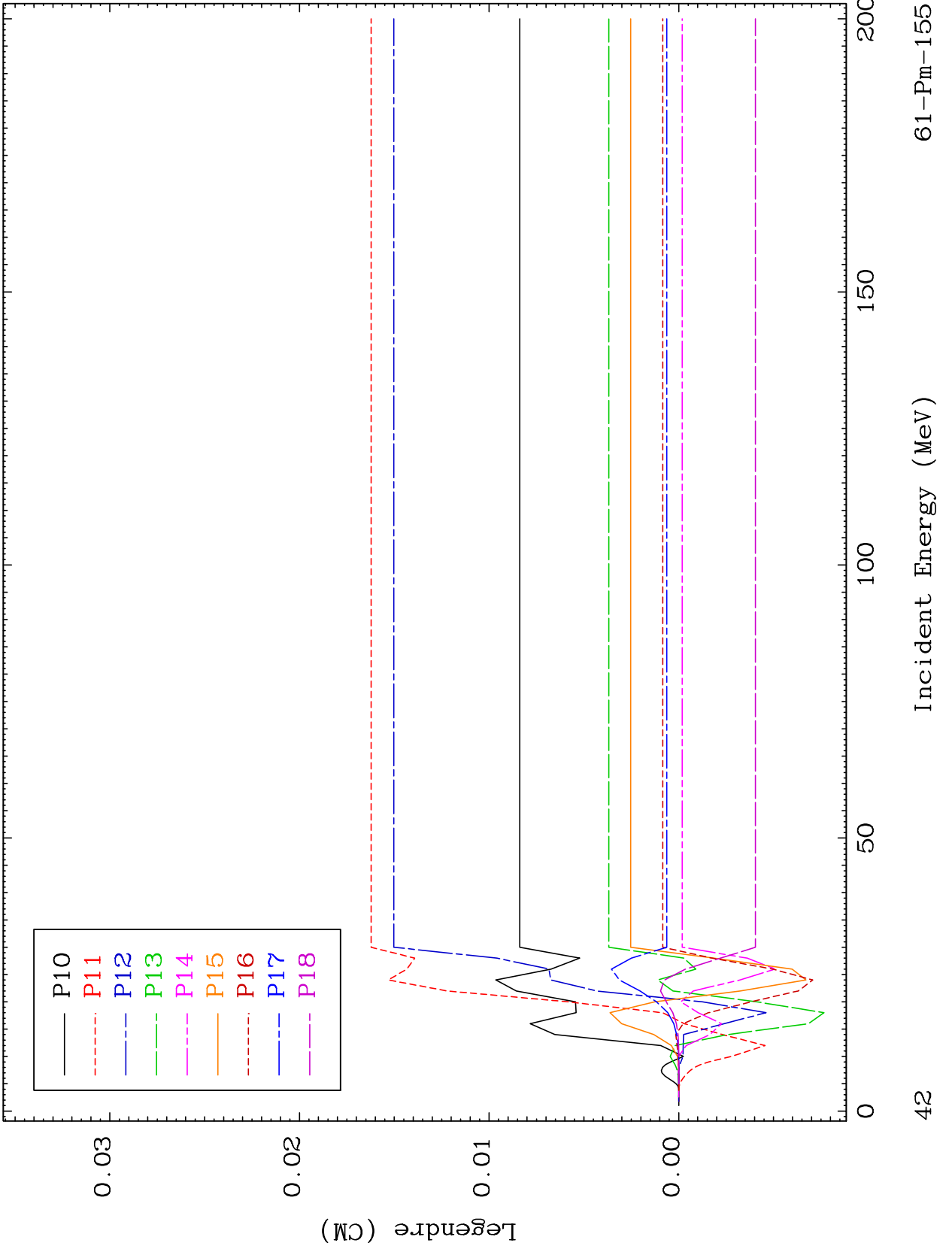
Incident Energy (MeV)

41

MAT 6173

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

61-Pm-155



42

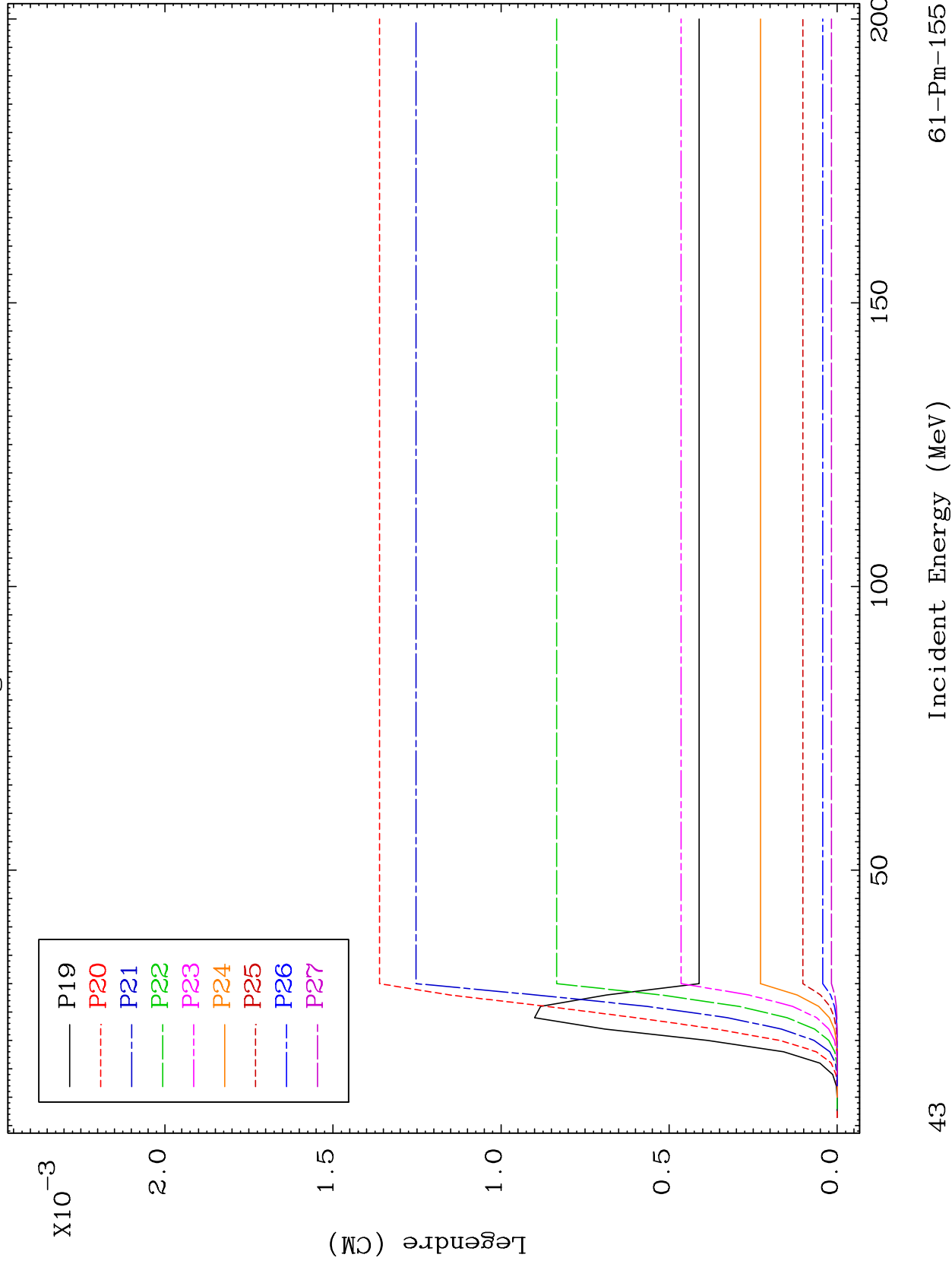
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155

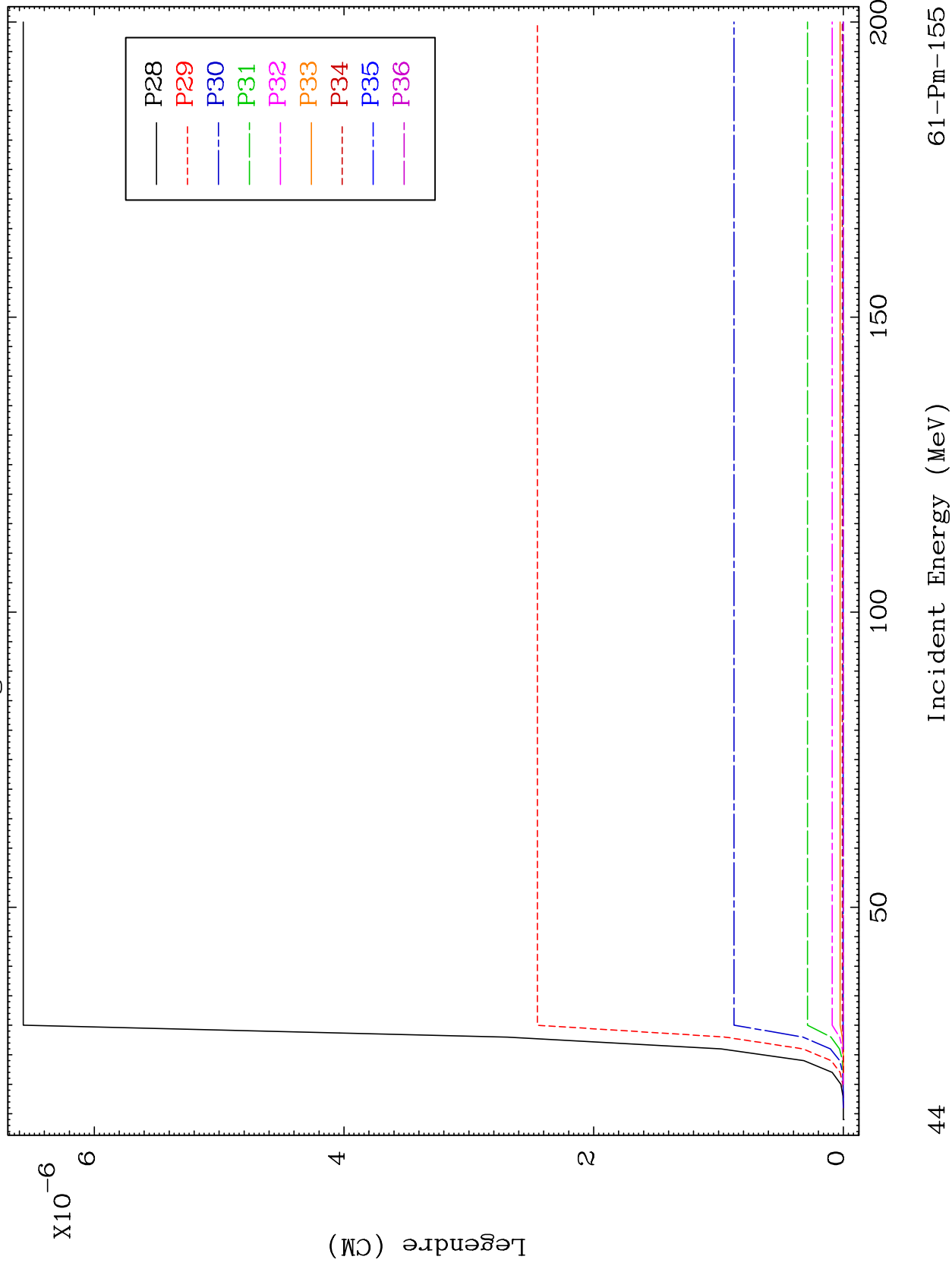


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MAT 6173

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

61-Pm-155



44

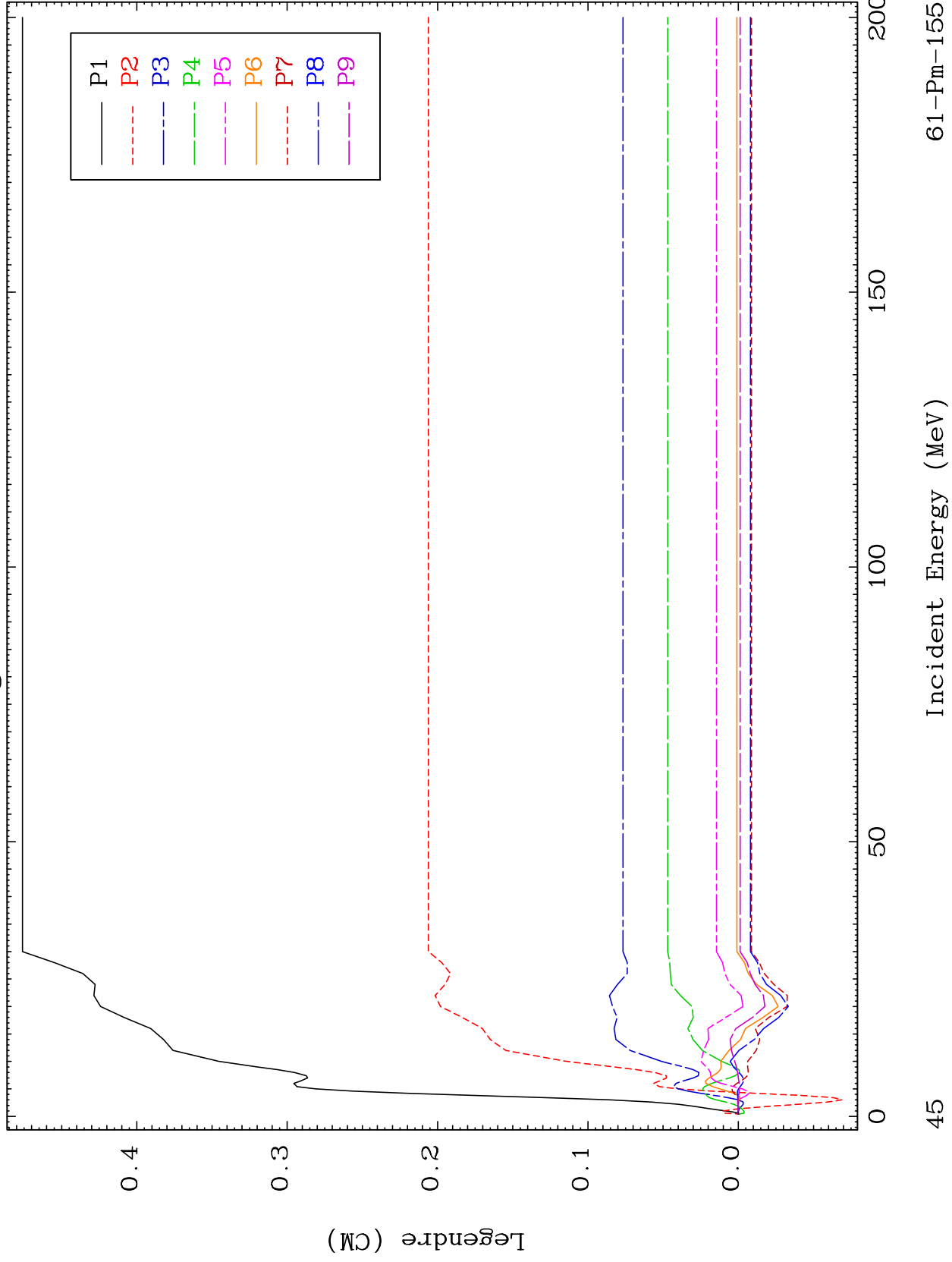
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

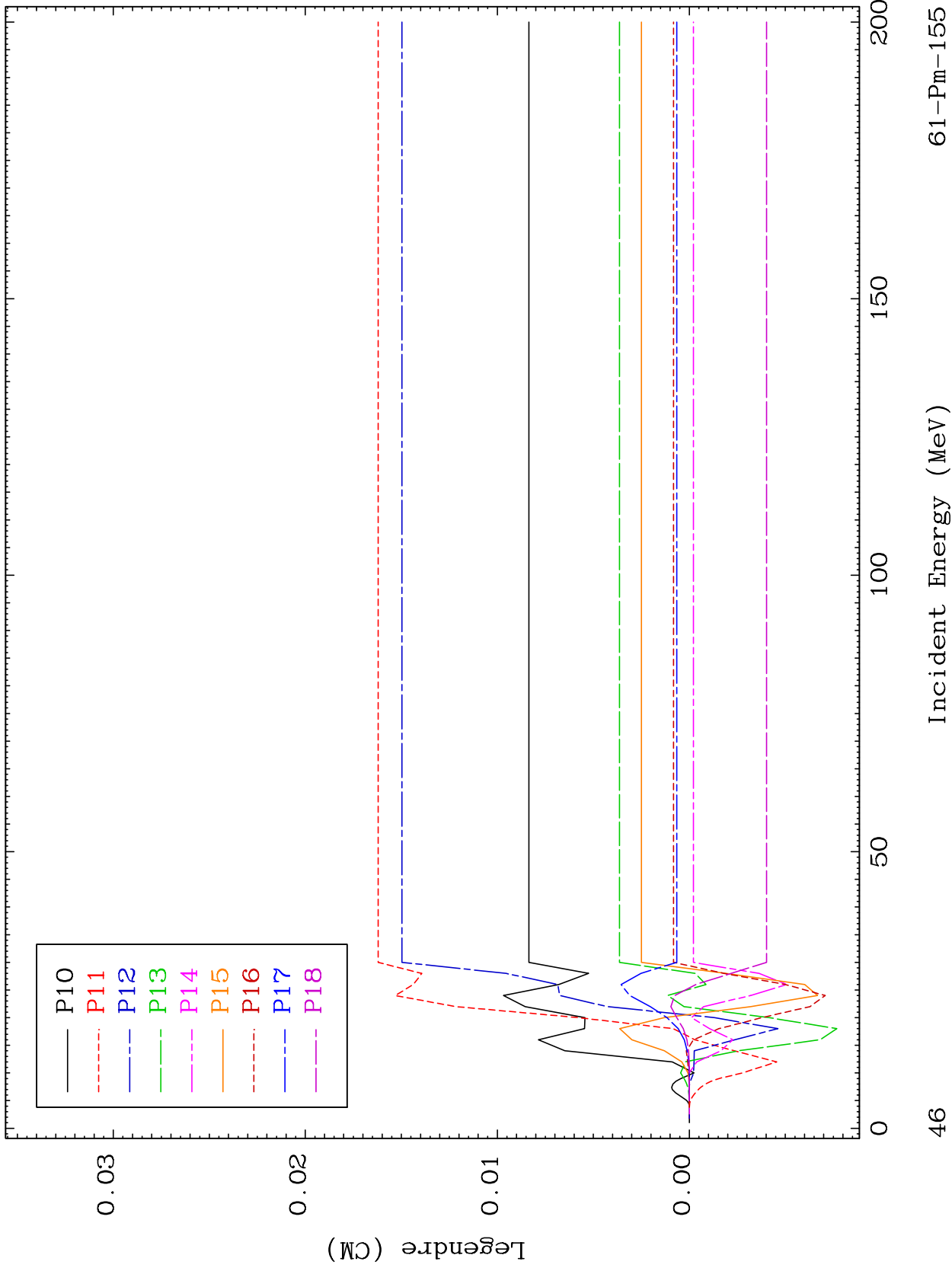
61-Pm-155



MAT 6173

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

61-Pm-155



46

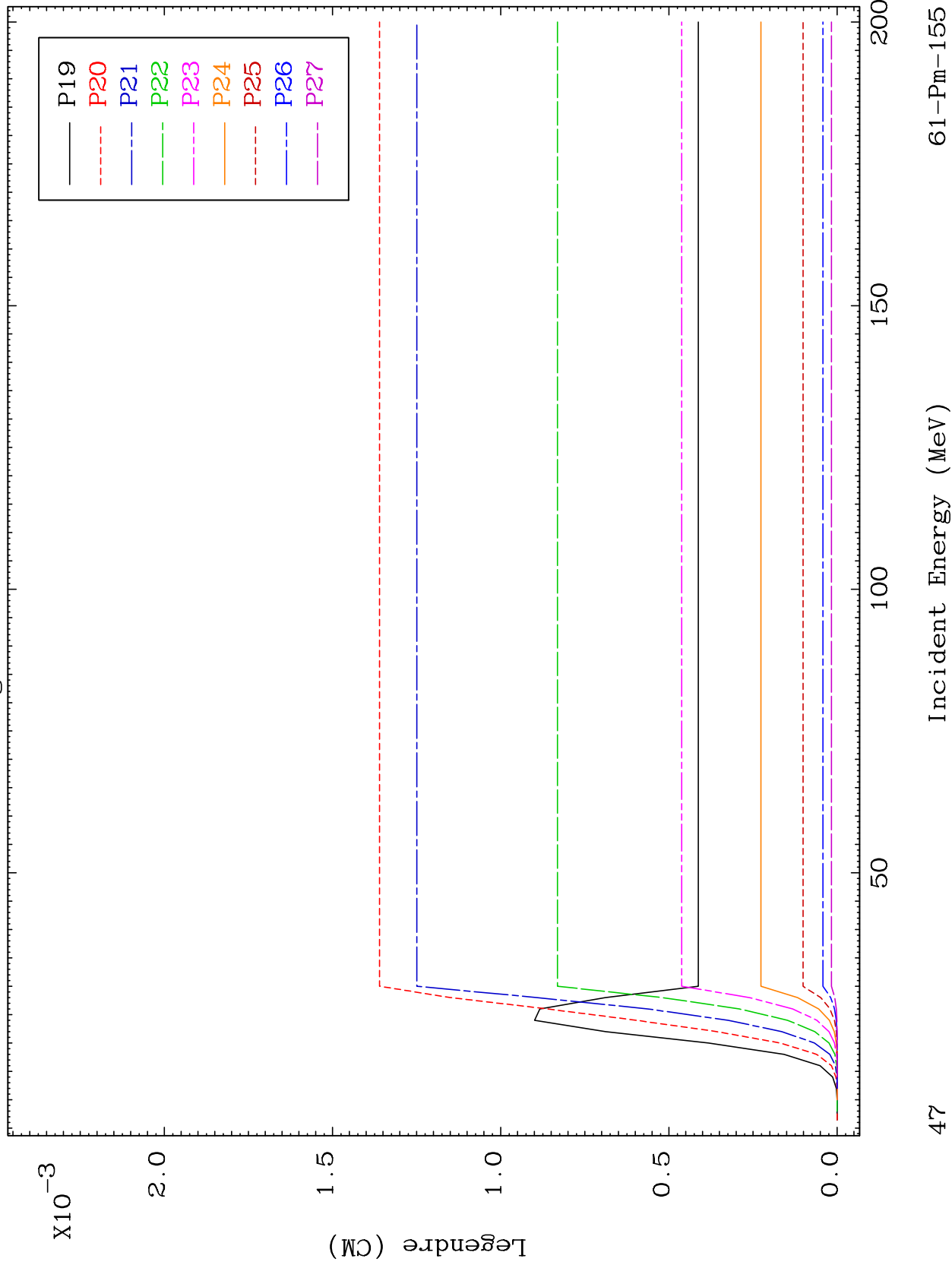
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



47

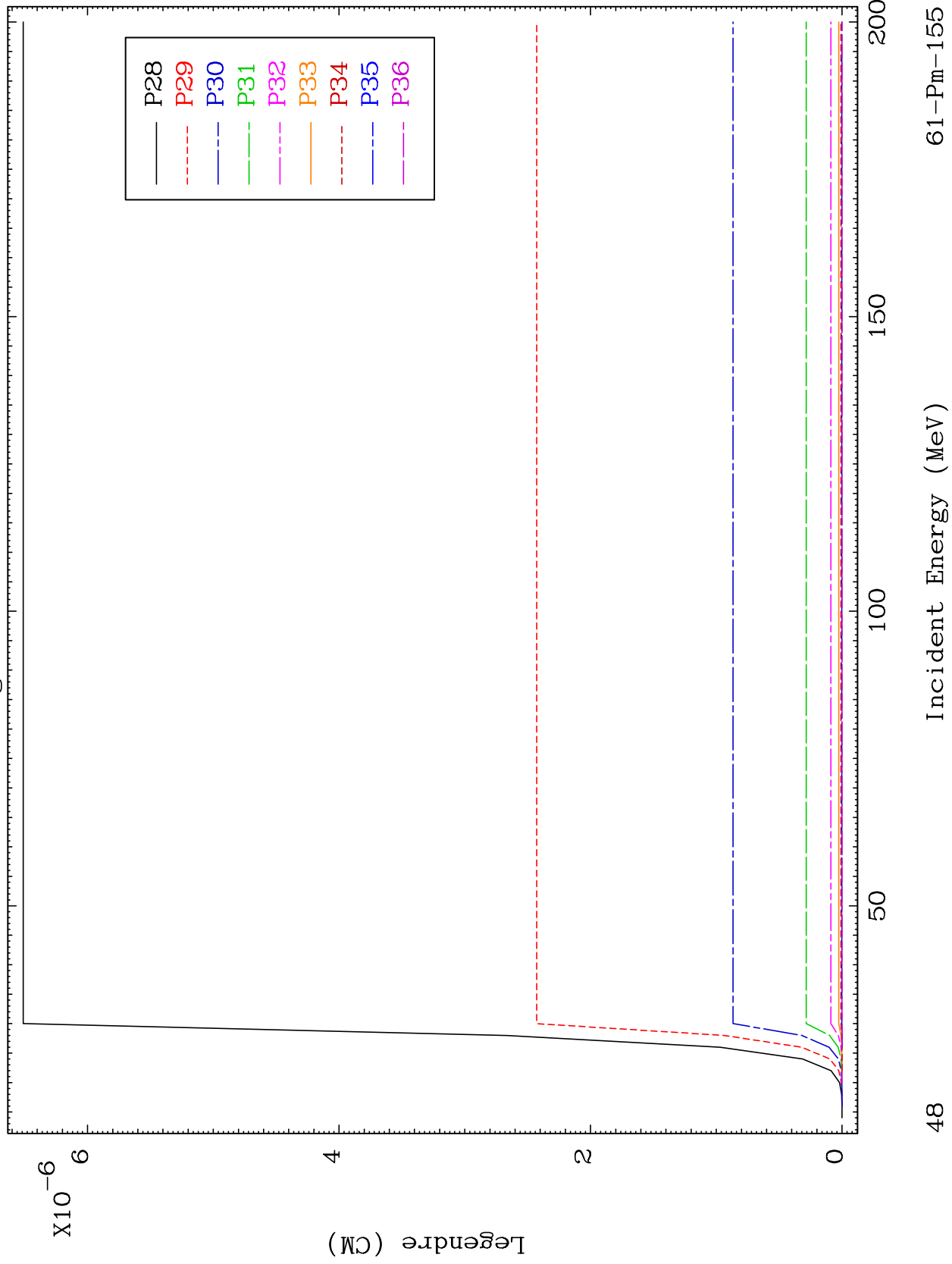
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

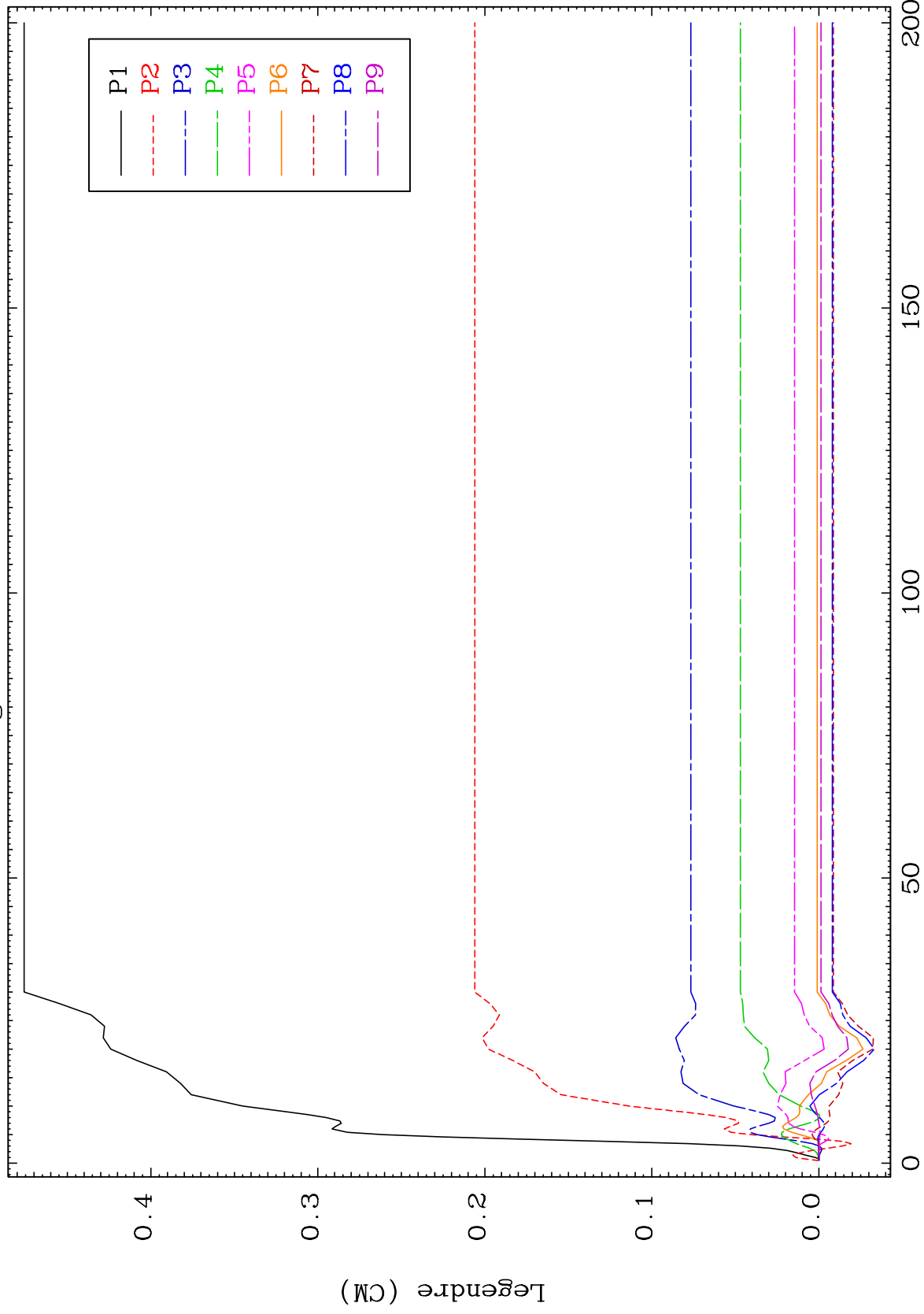
61-Pm-155



MAT 6173

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

61-Pm-155



49

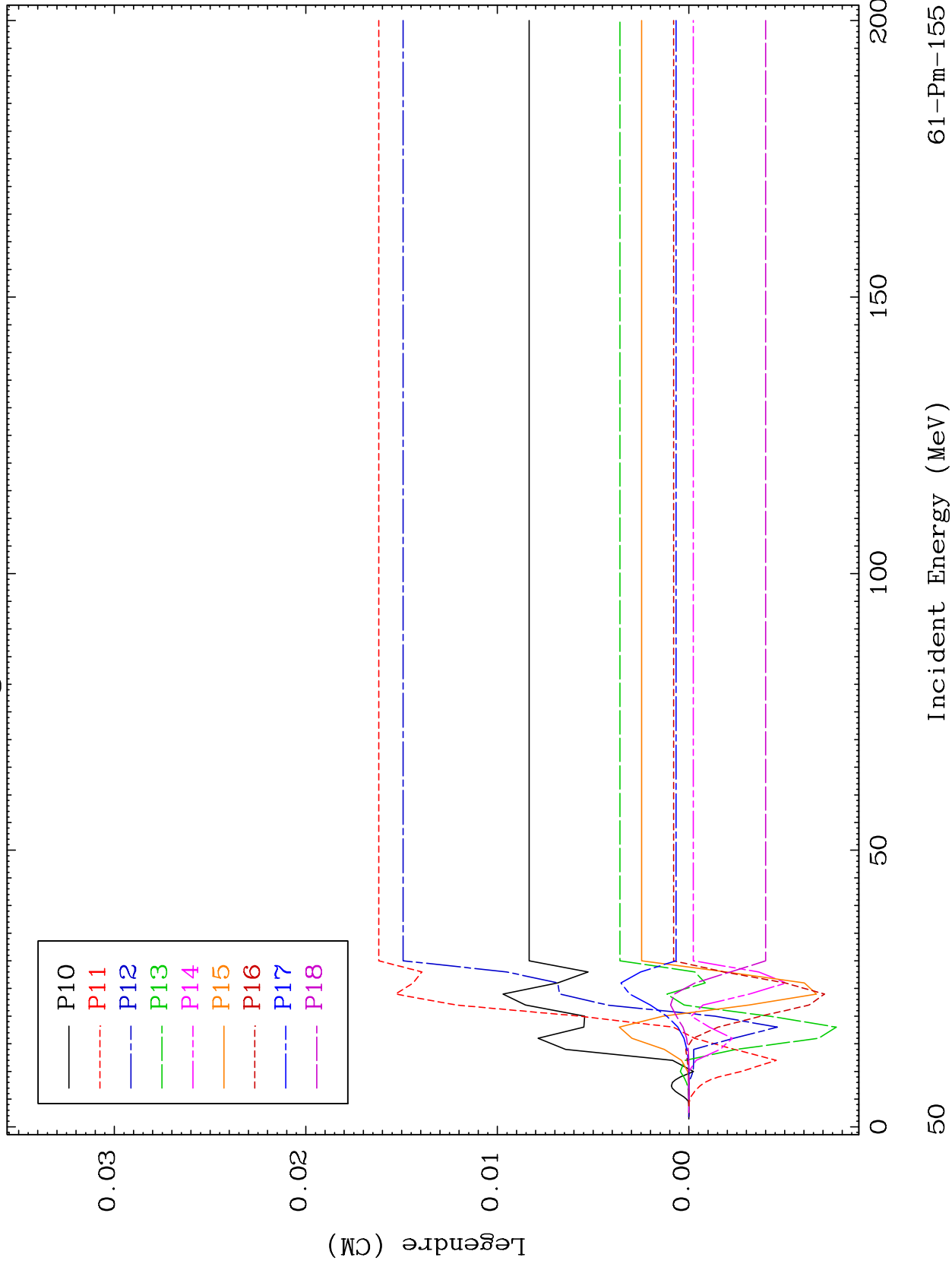
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

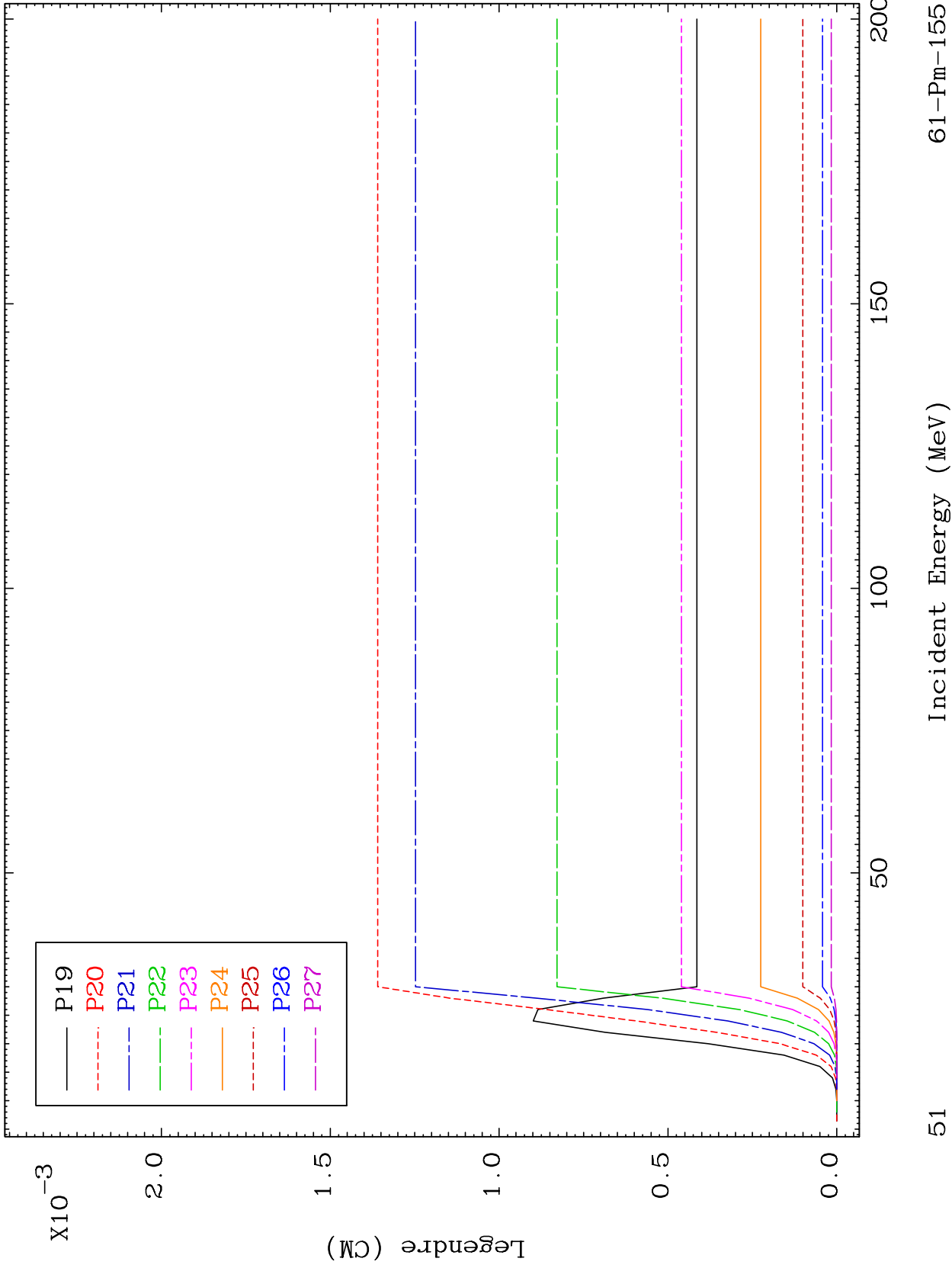
61-Pm-155



MAT 6173

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

61-Pm-155



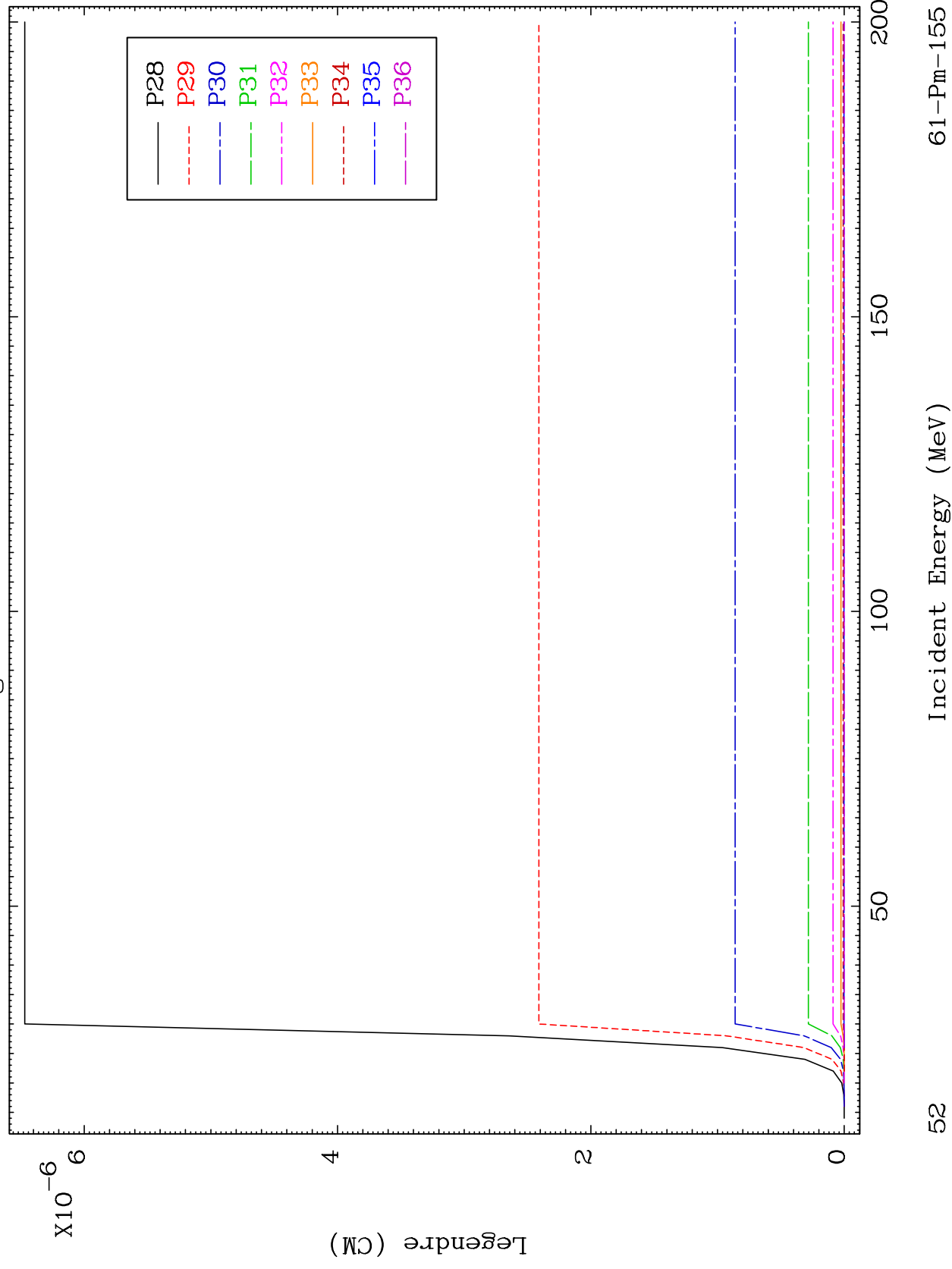
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61-Pm-155

MAT 6173

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

61-Pm-155



52

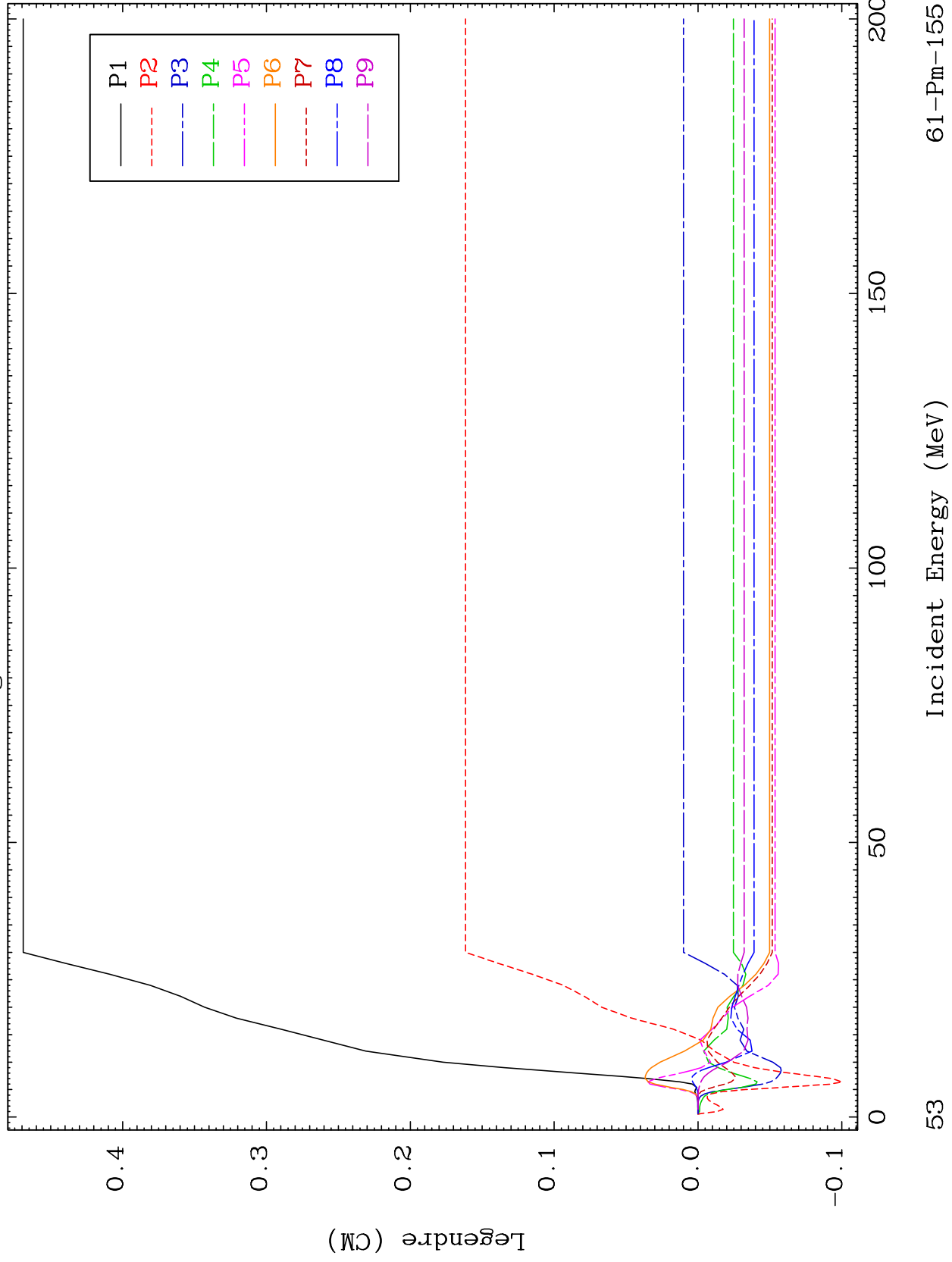
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



53

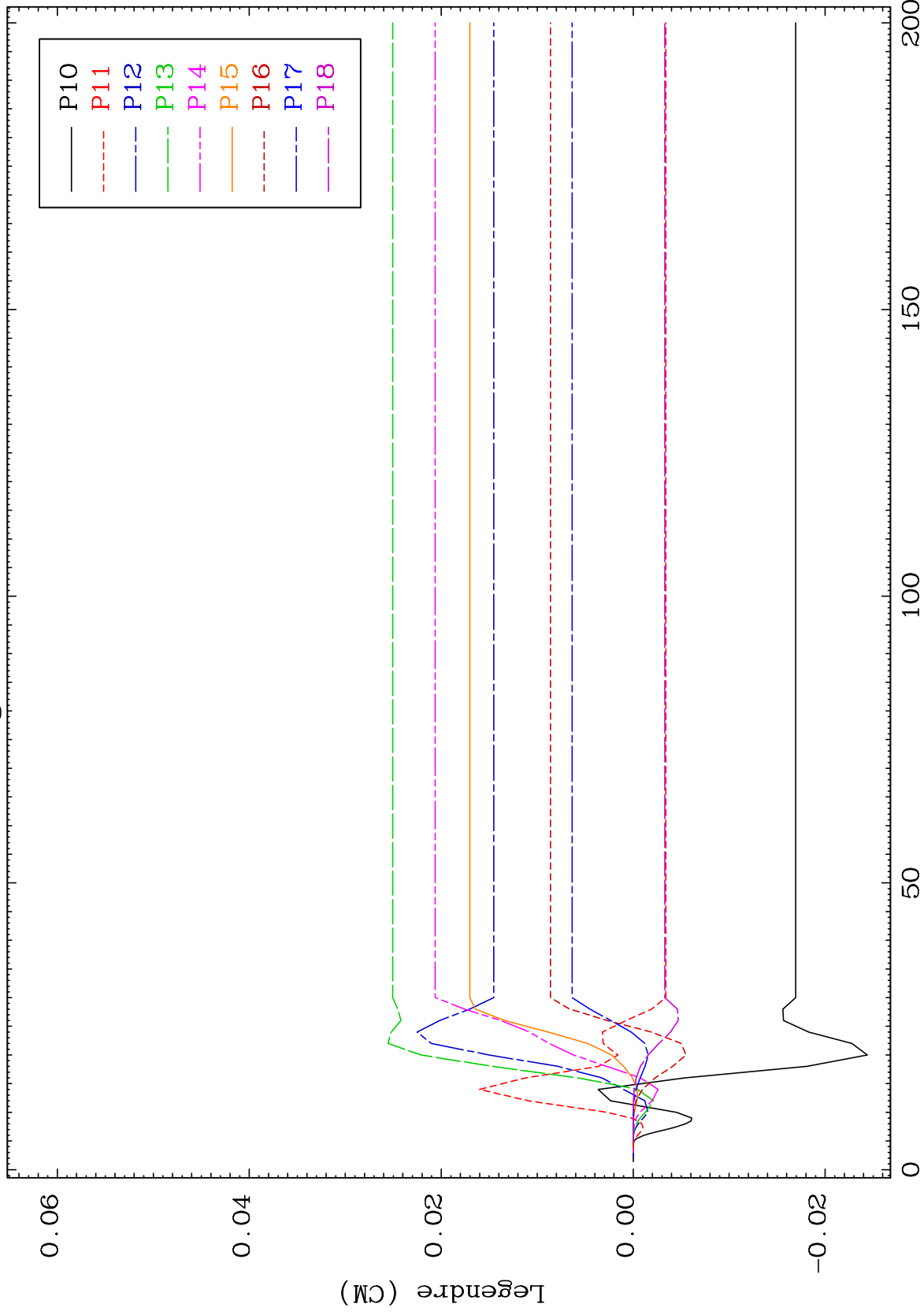
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



54

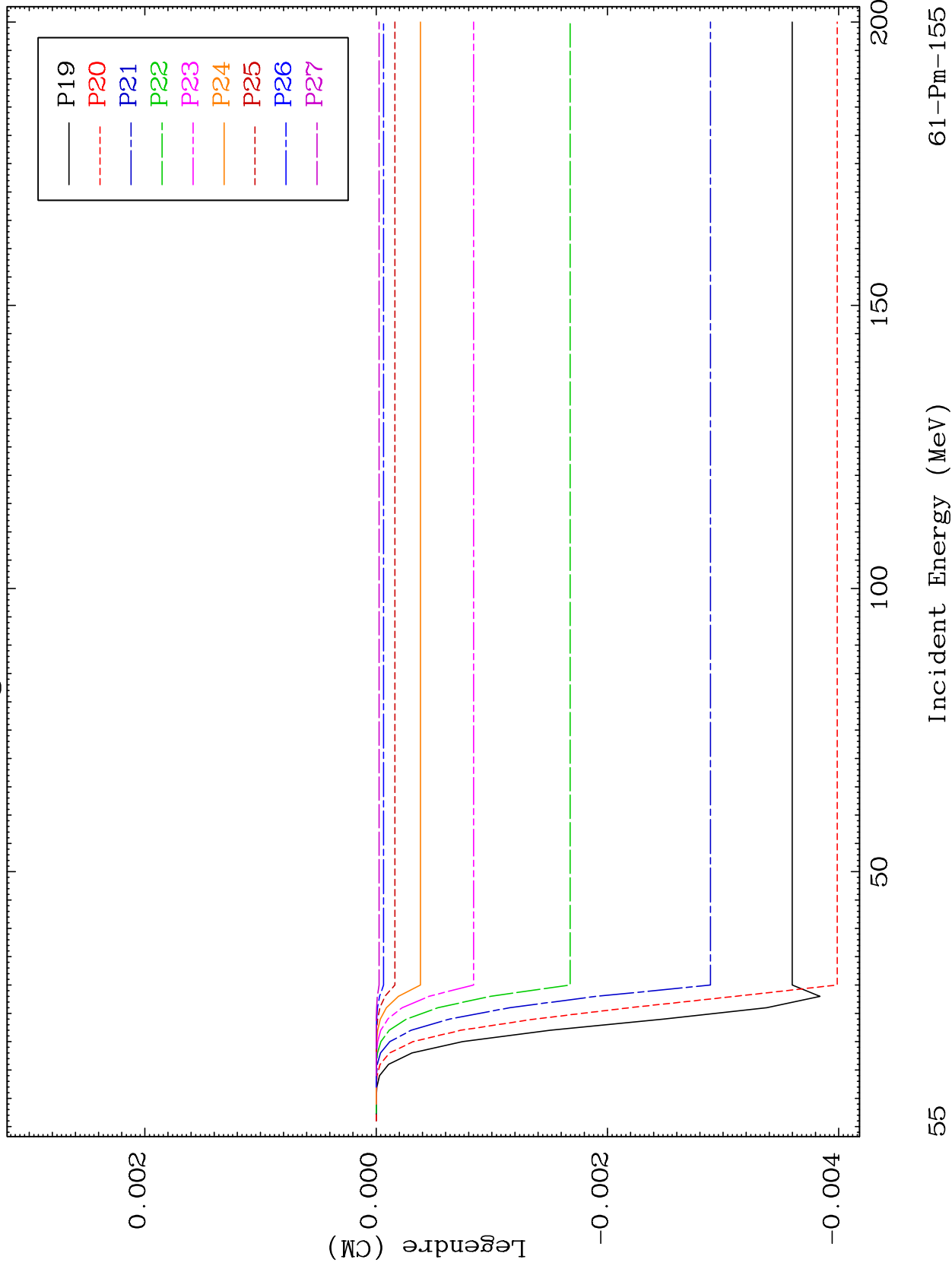
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

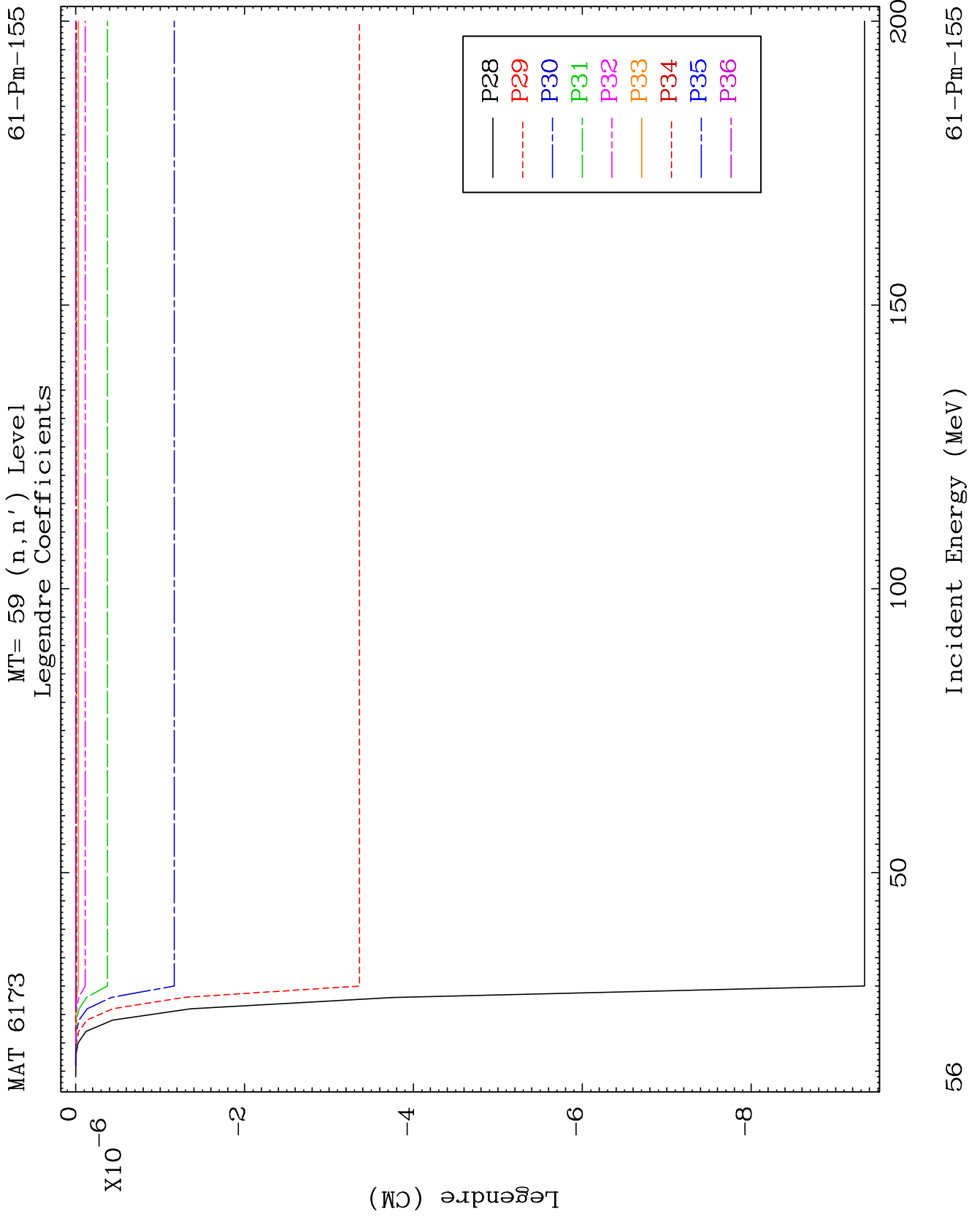
61-Pm-155



55

Incident Energy (MeV)

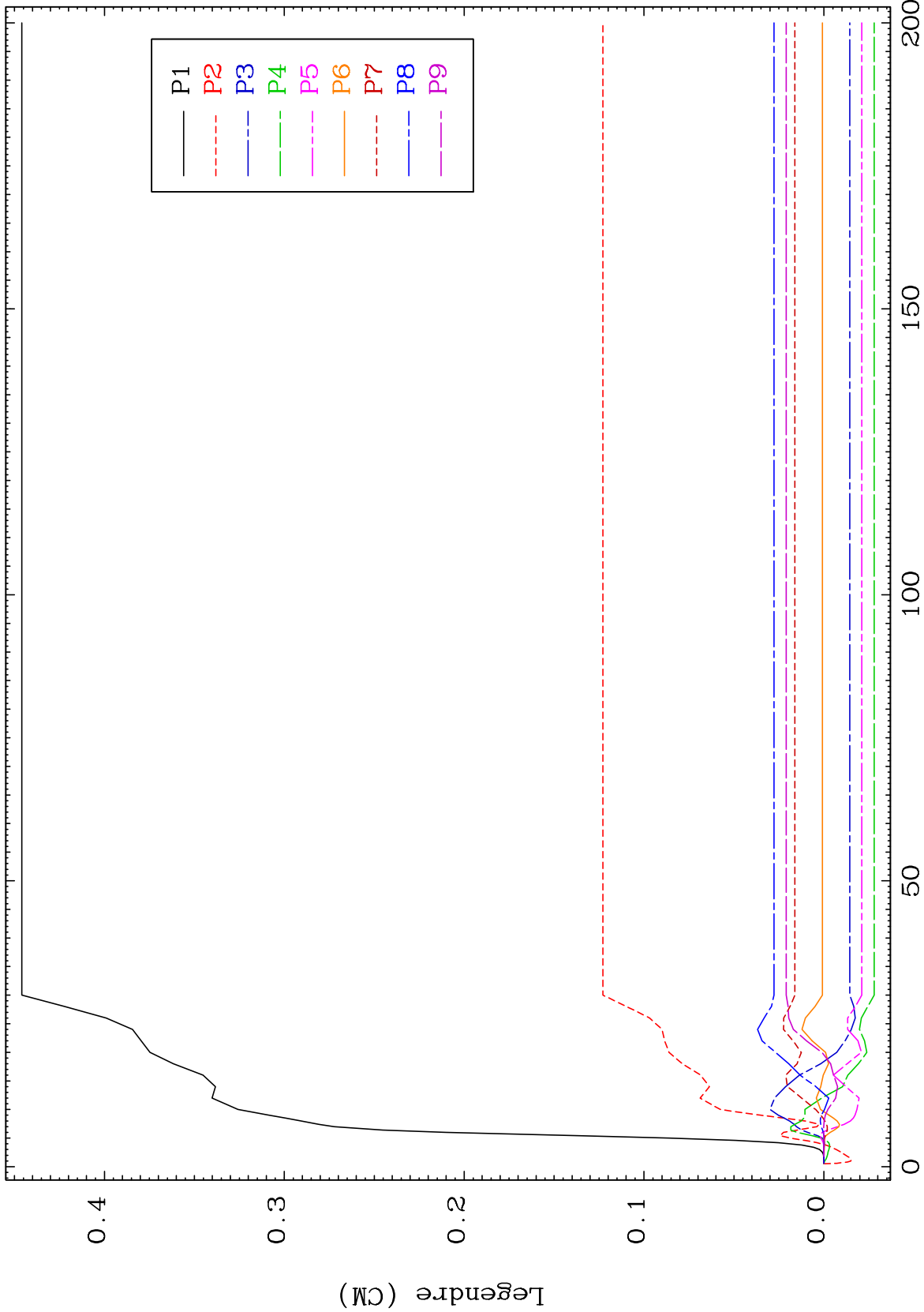
61-Pm-155



MAT 6173

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

61-Pm-155



57

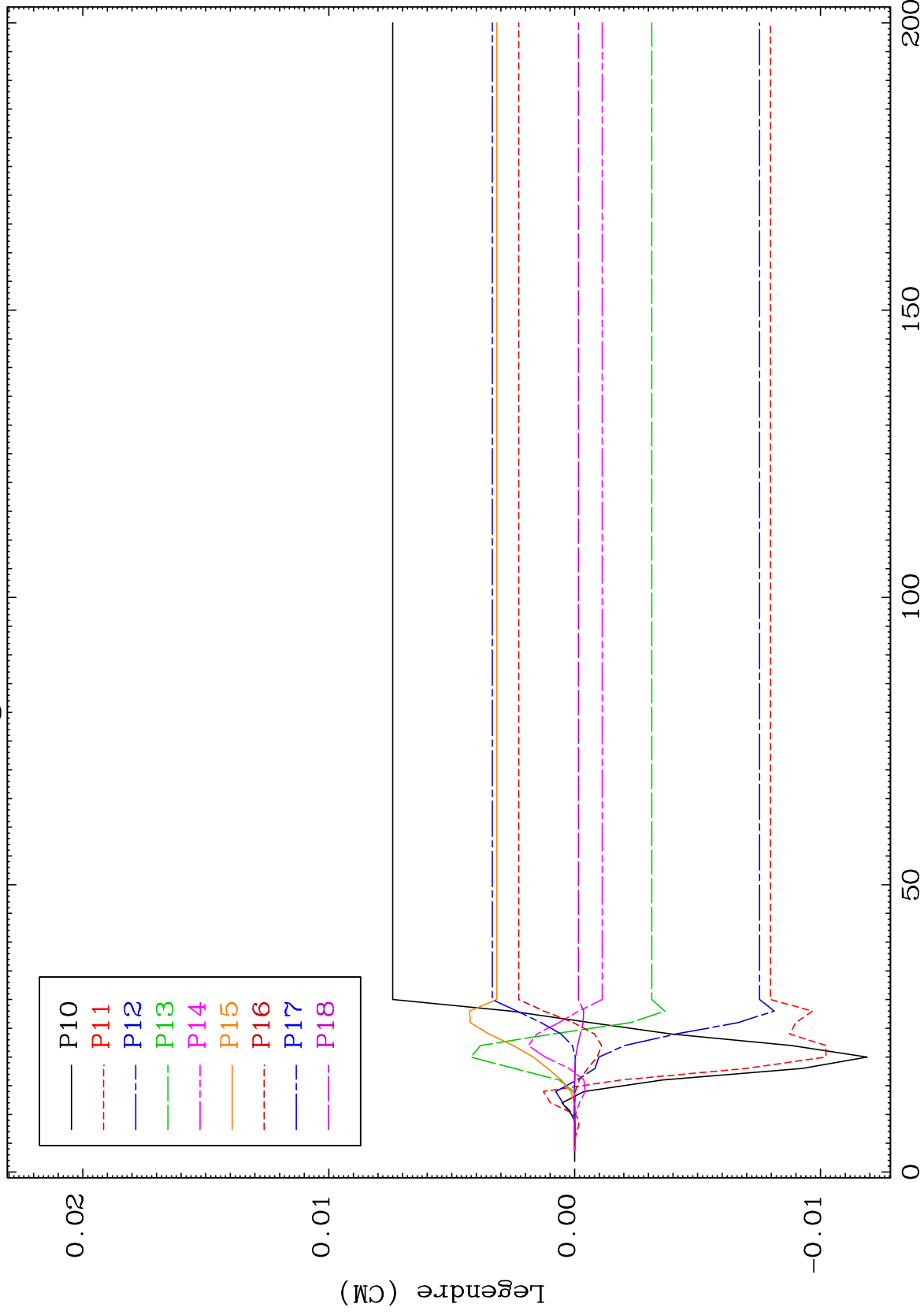
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



58

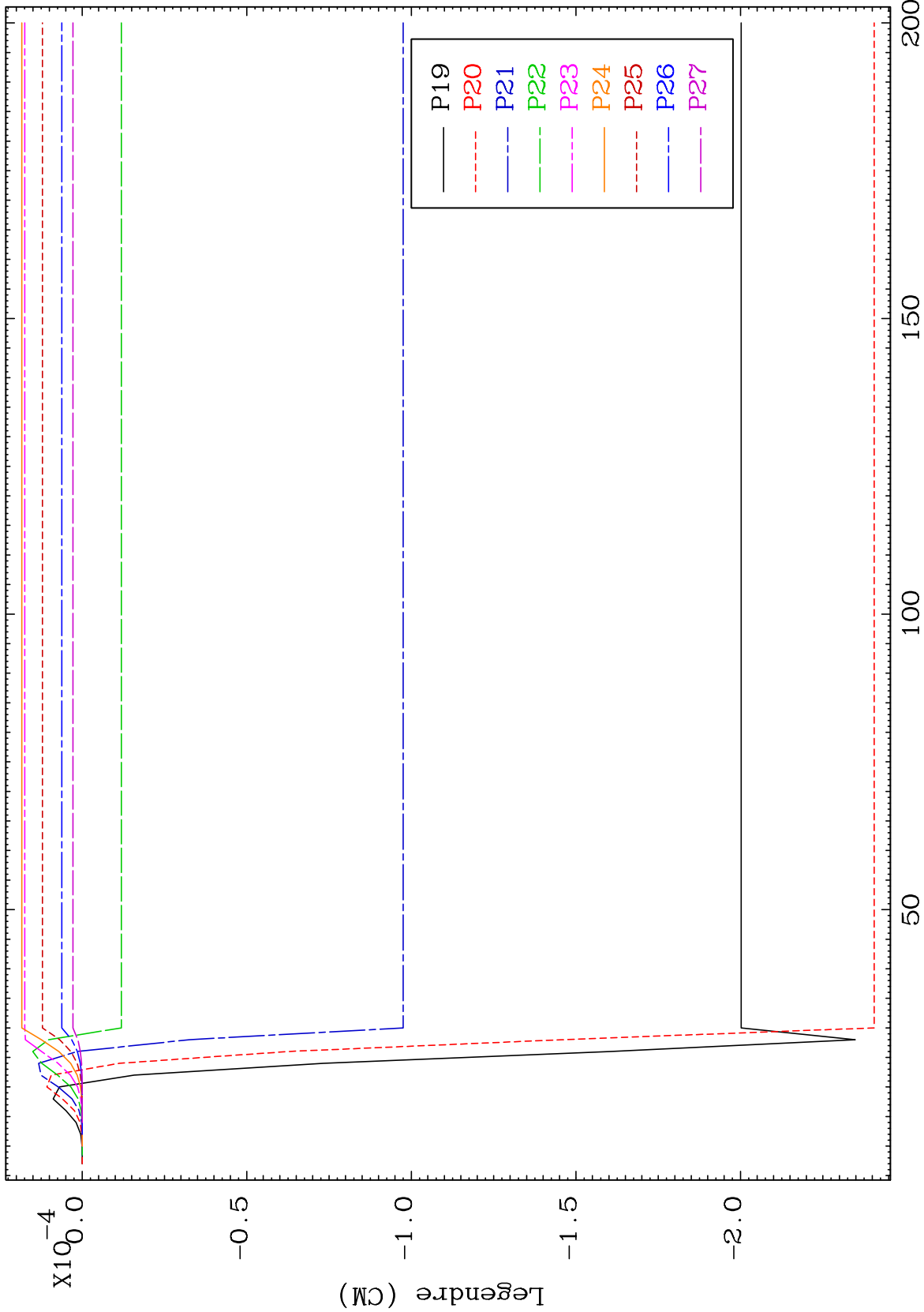
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



59

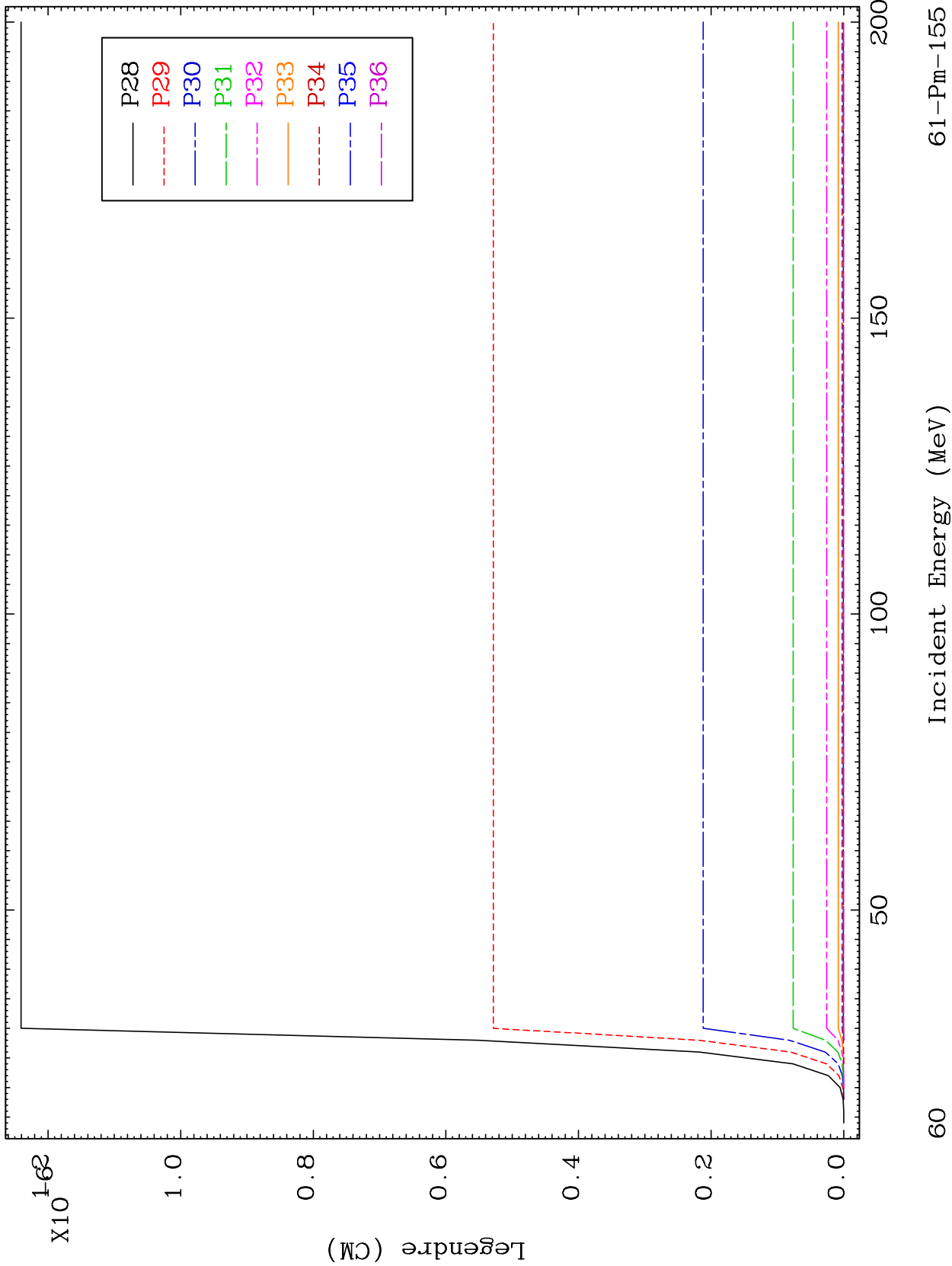
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



61-Pm-155

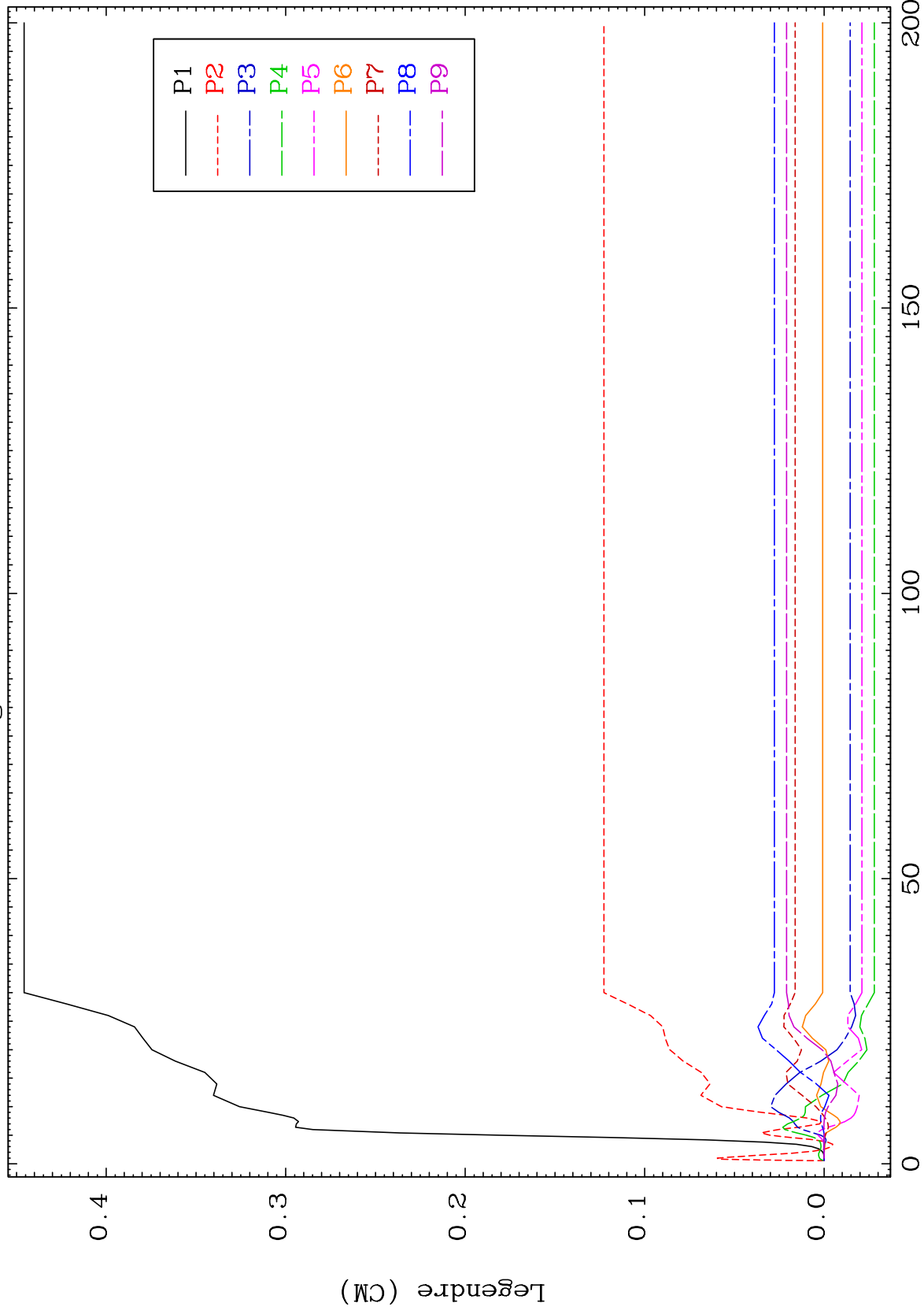
Incident Energy (MeV)

60

MAT 6173

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

61-Pm-155



61

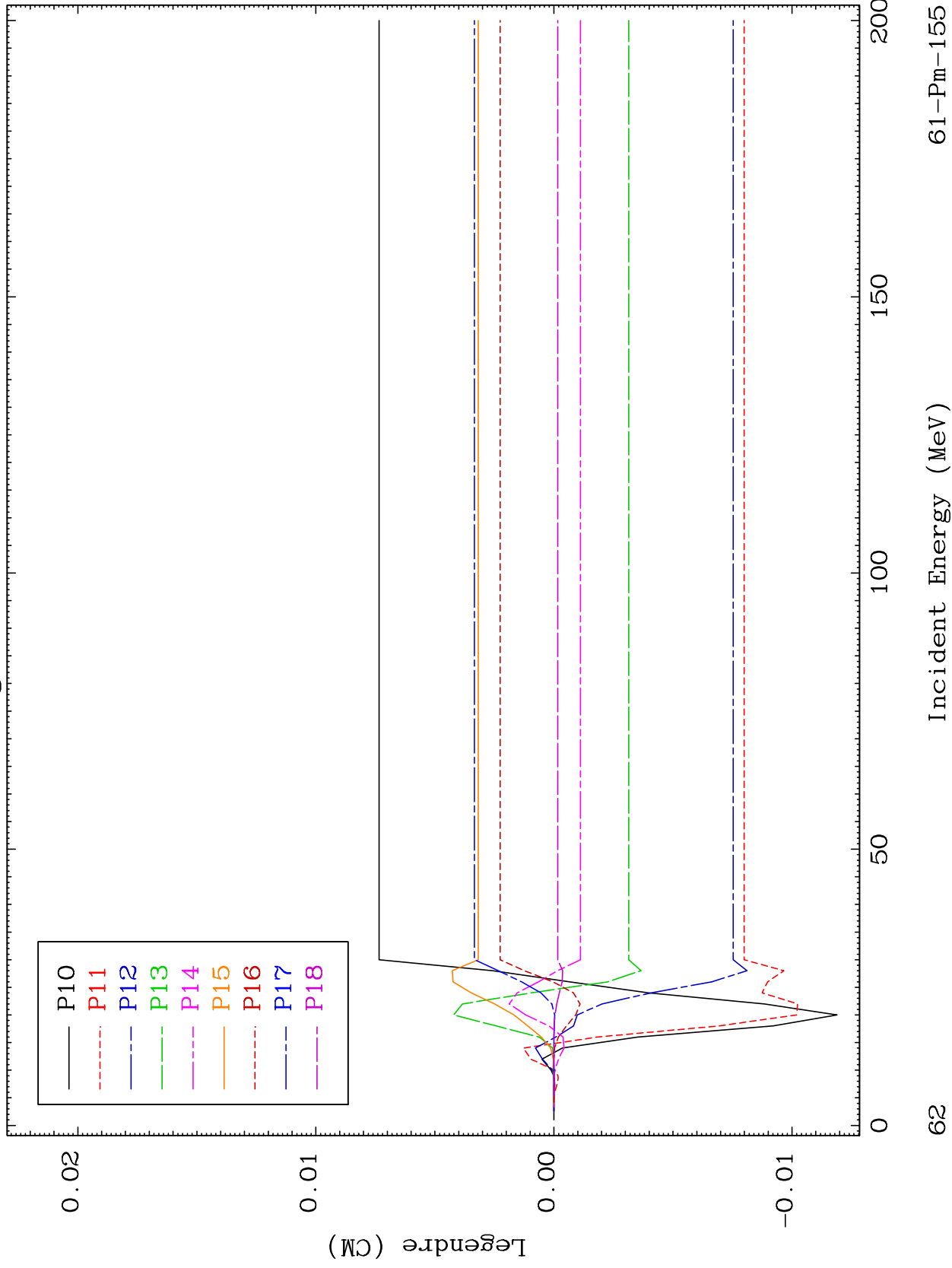
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



62

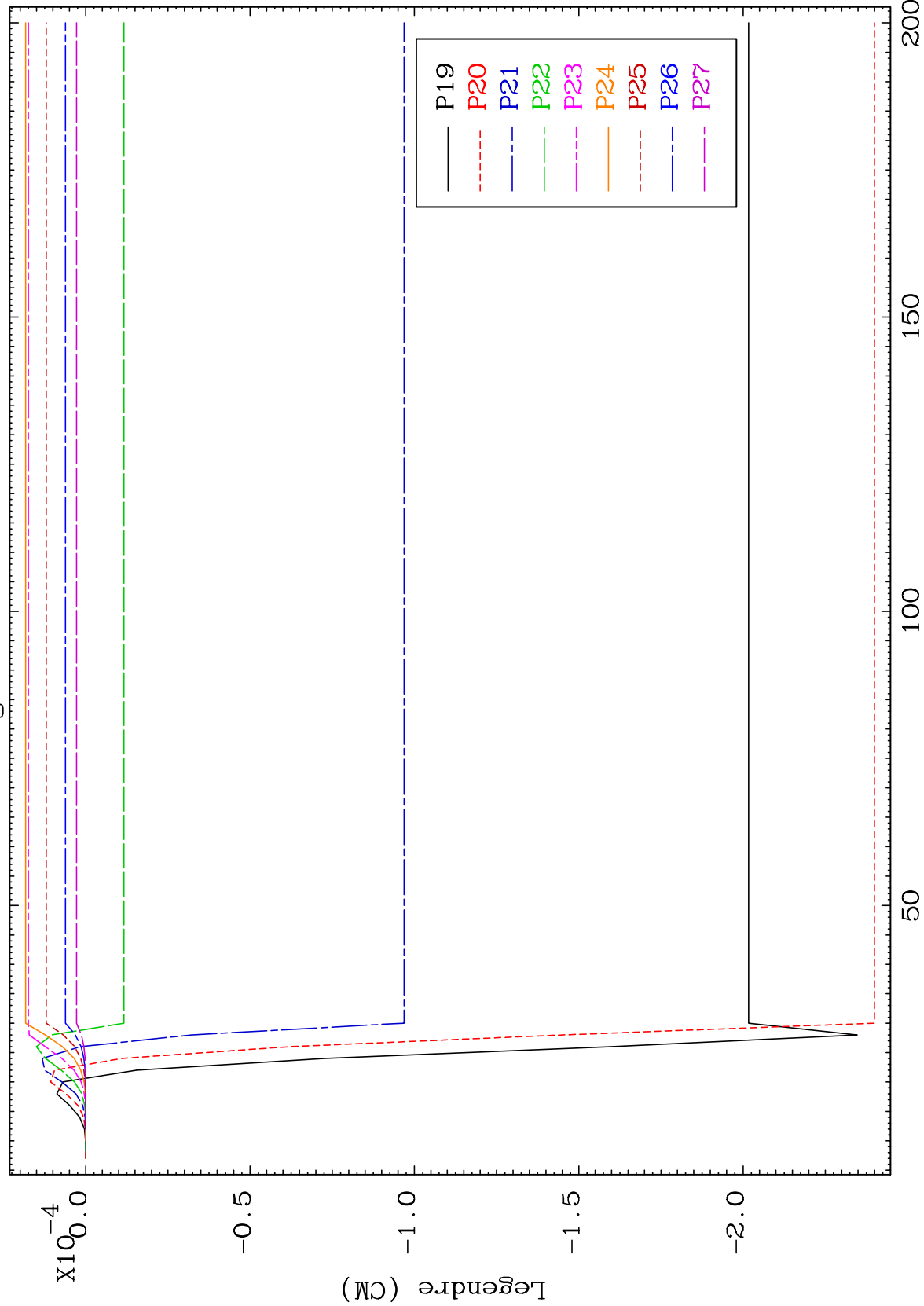
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



63

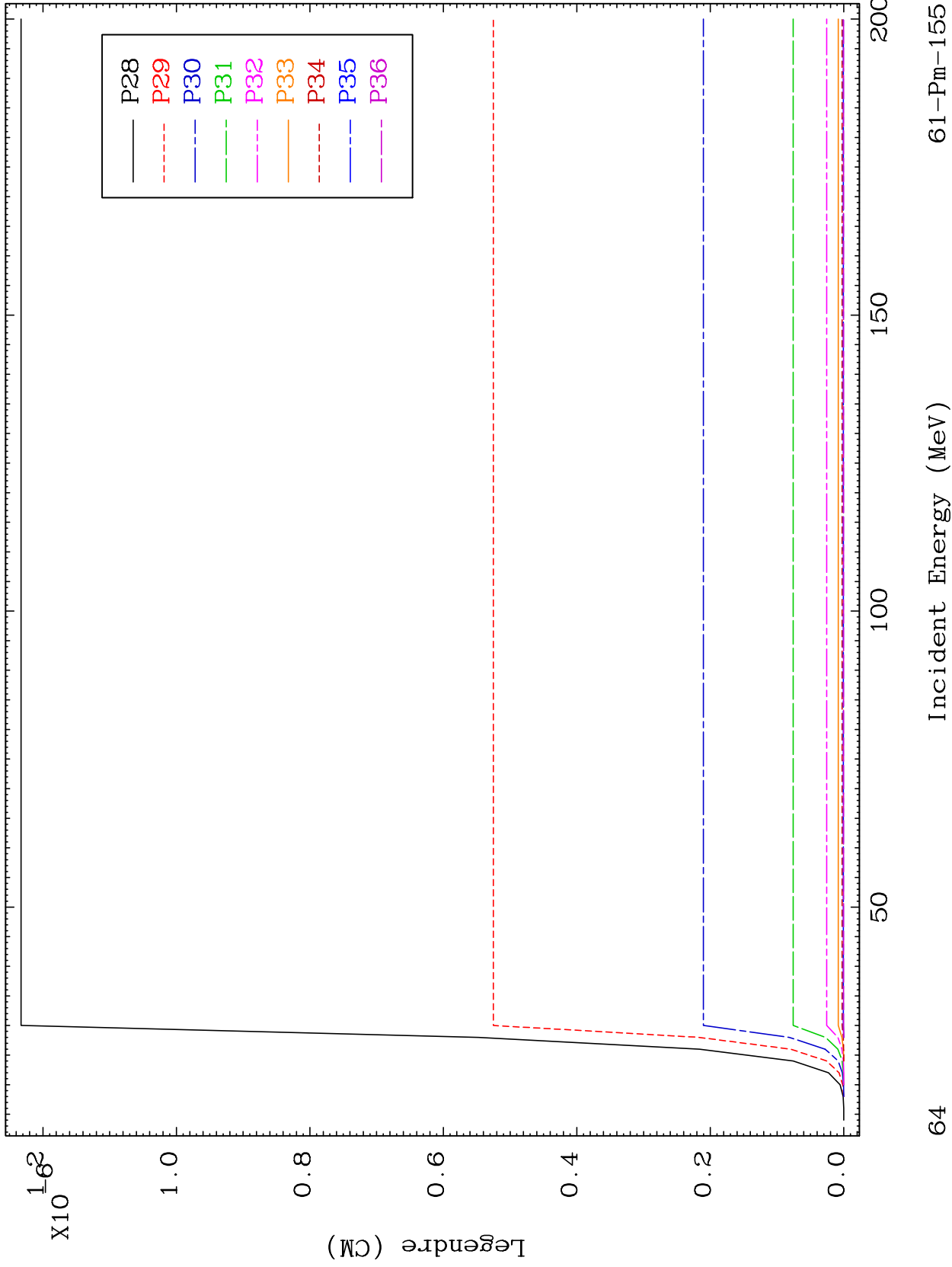
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



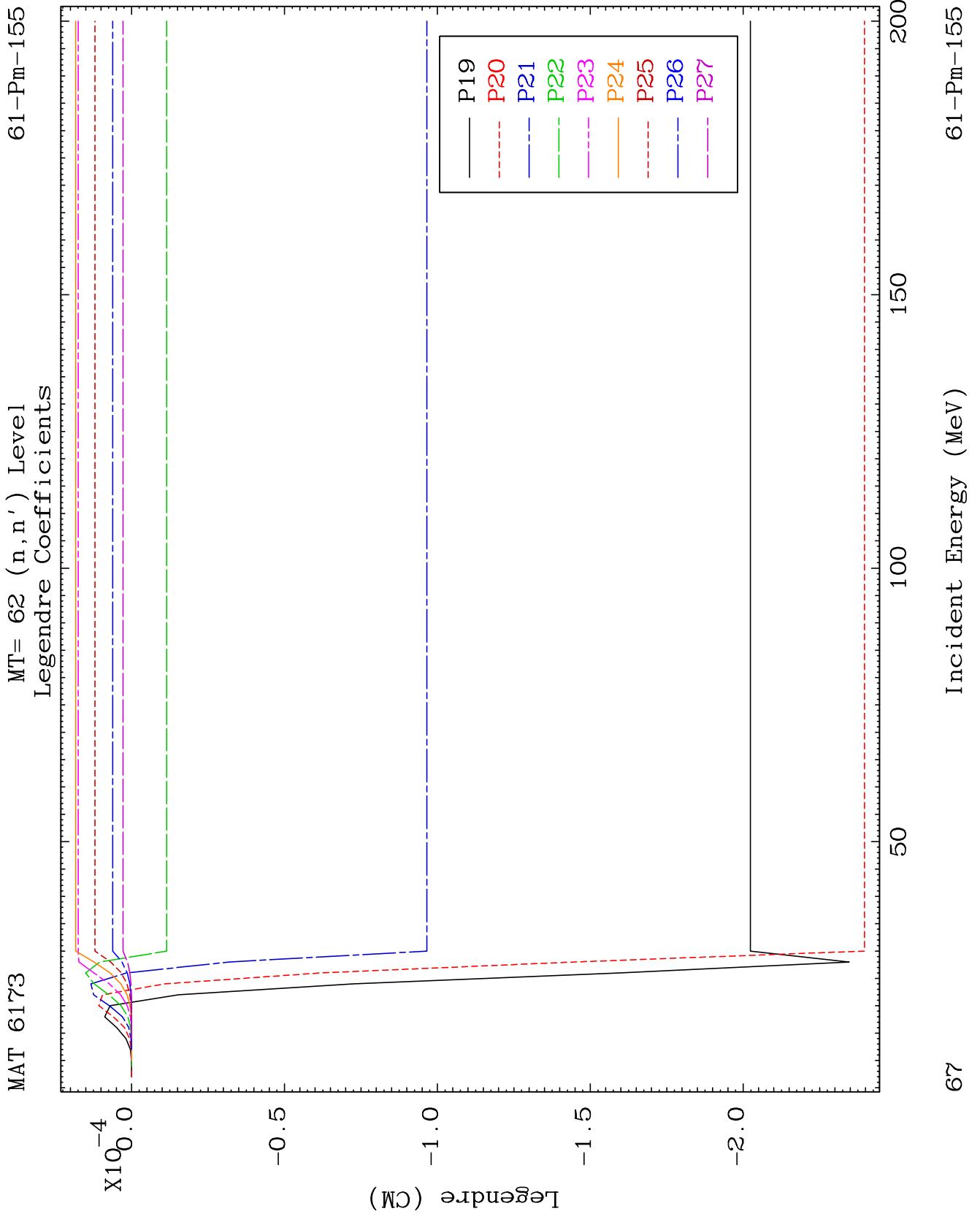
64

Incident Energy (MeV)

61-Pm-155



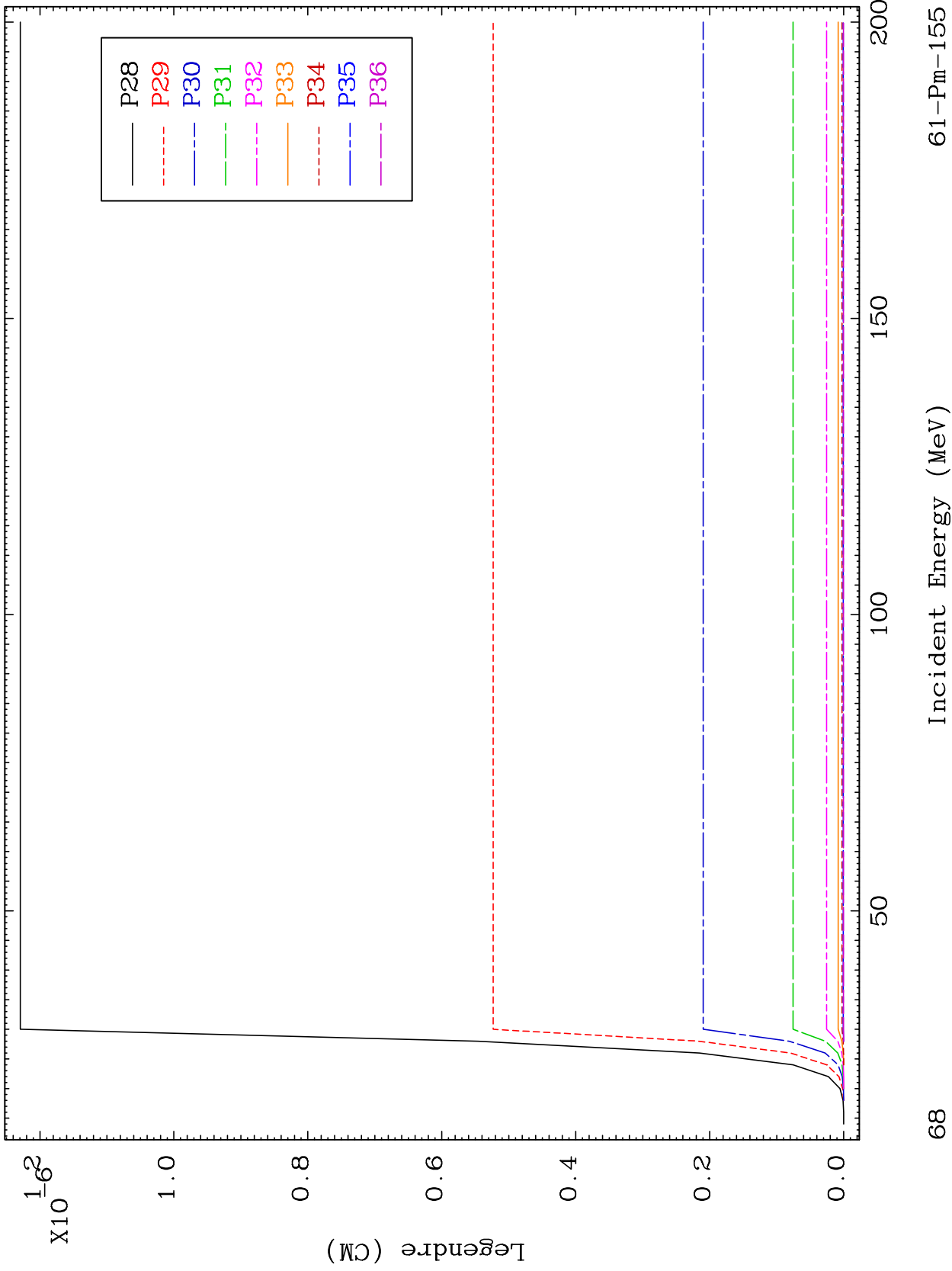




MAT 6173

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

61-Pm-155



68

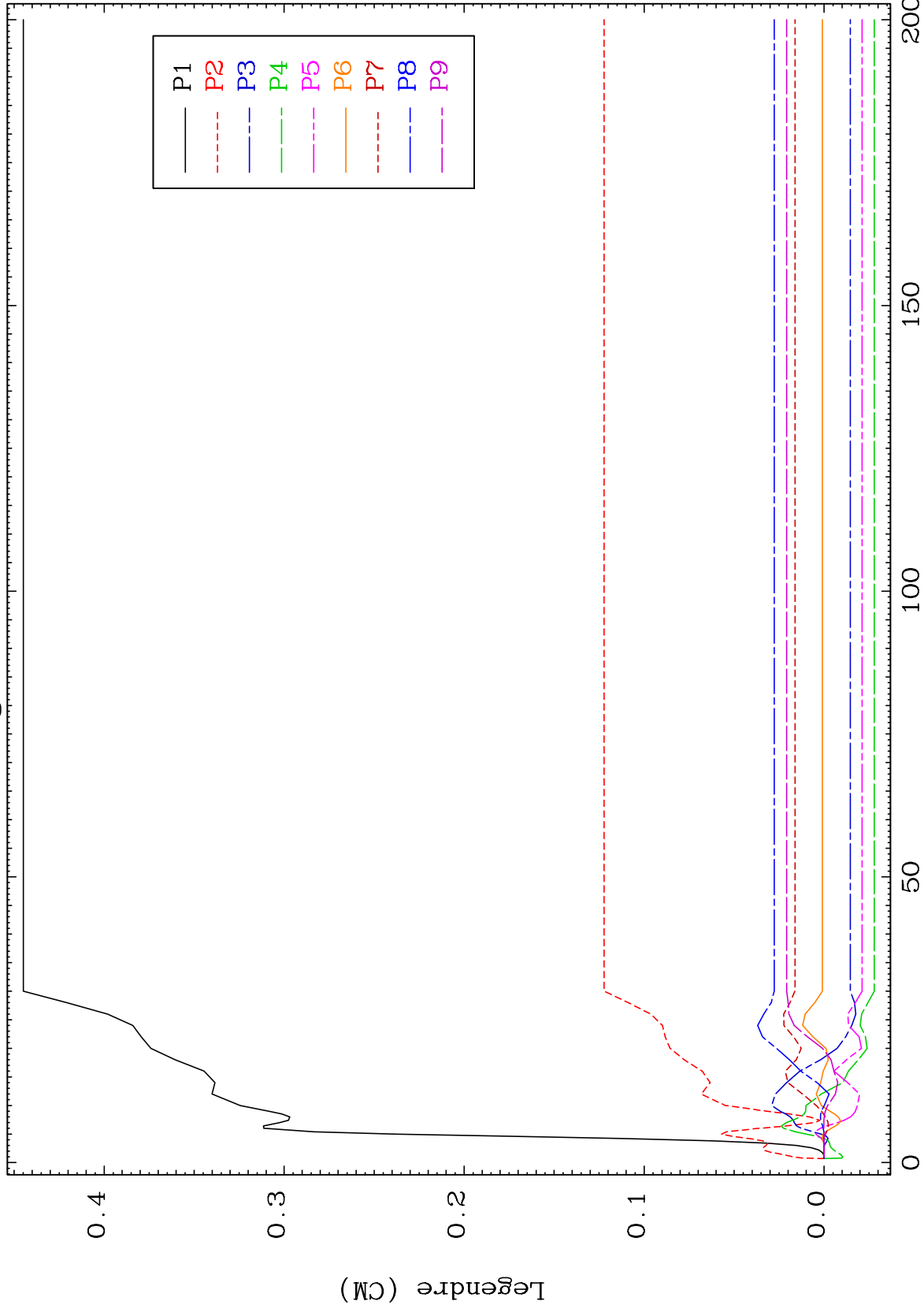
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



61-Pm-155

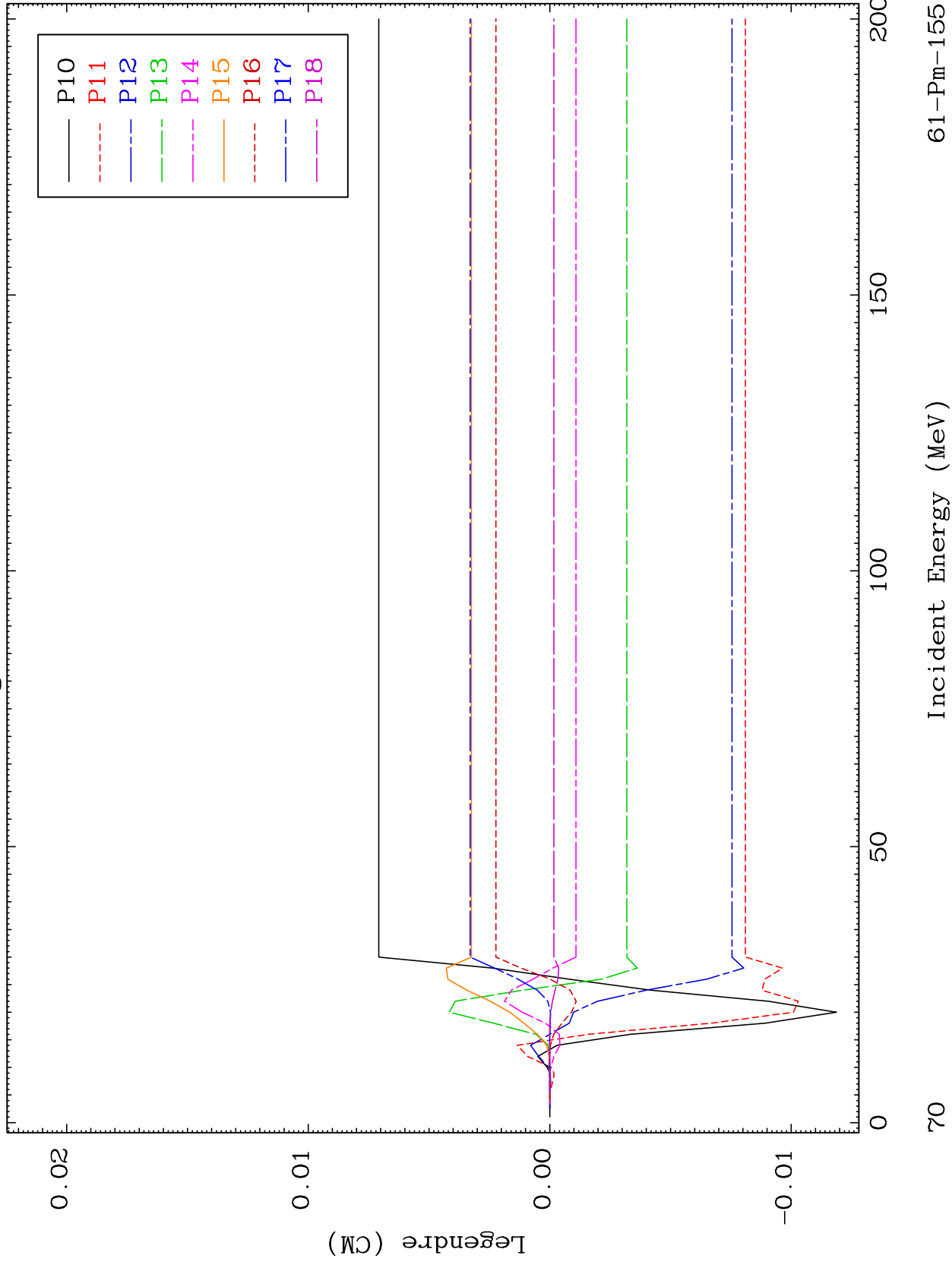
Incident Energy (MeV)

69

MAT 6173

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

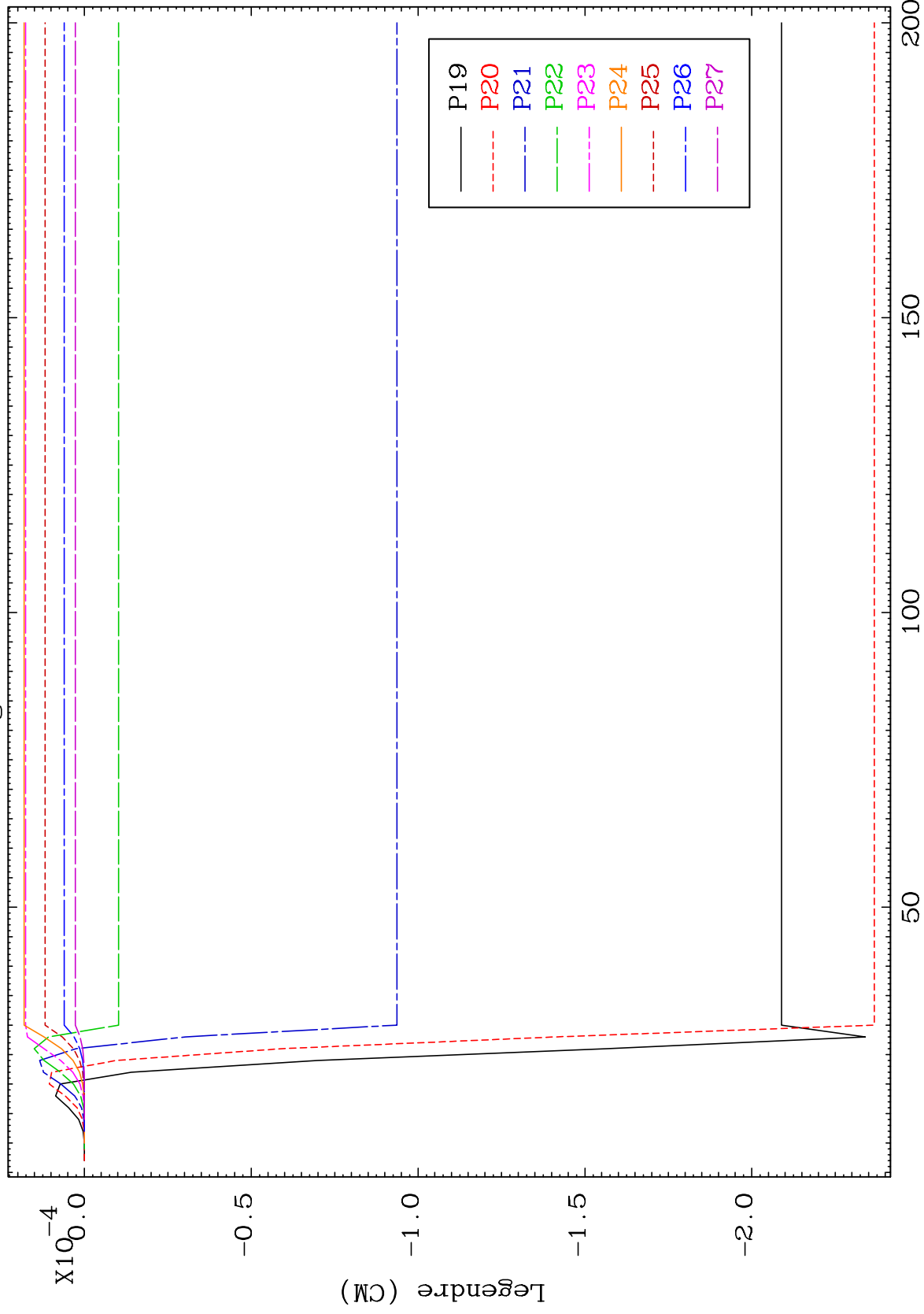
61-Pm-155



MAT 6173

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

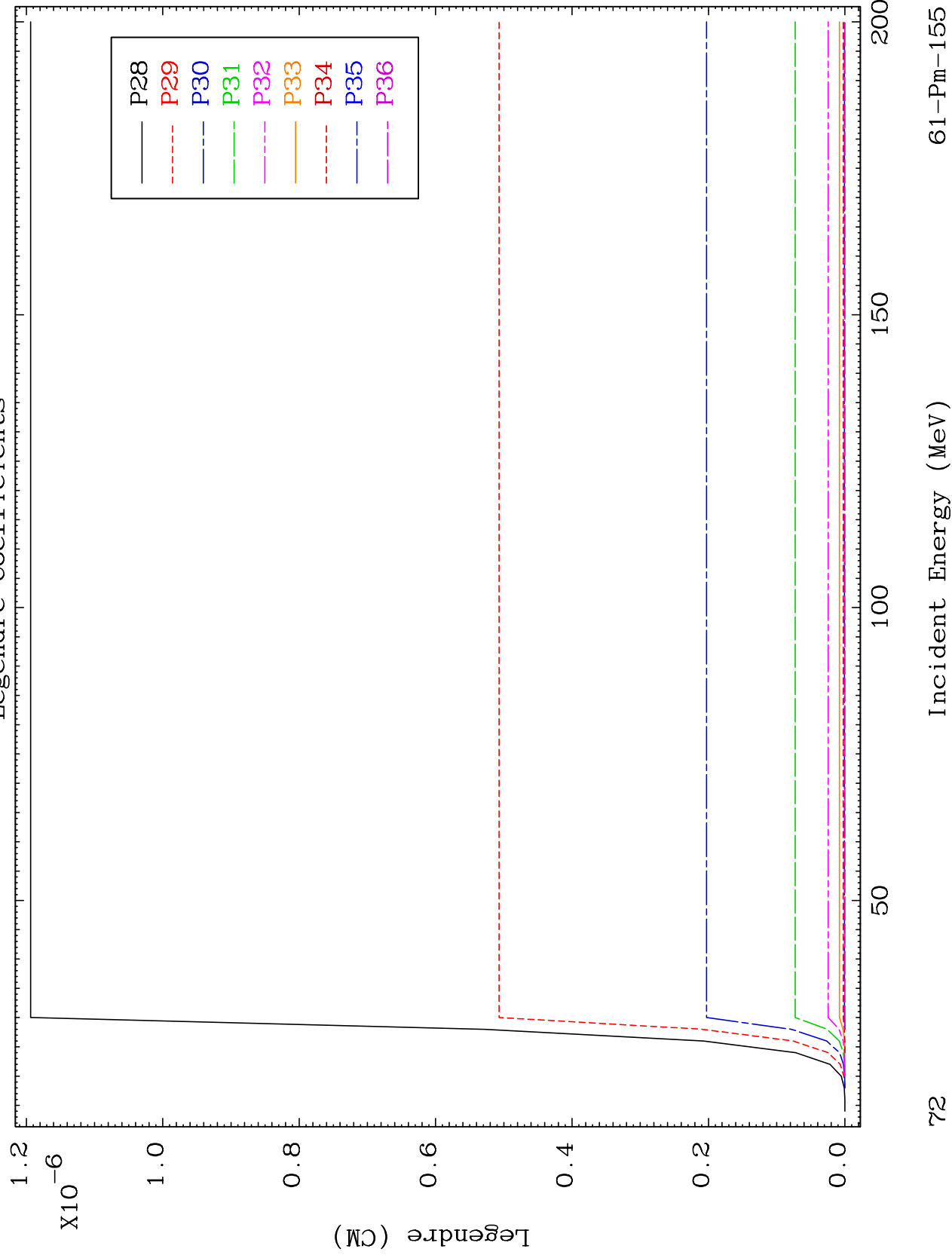
61-Pm-155



MAT 6173

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

61-Pm-155



72

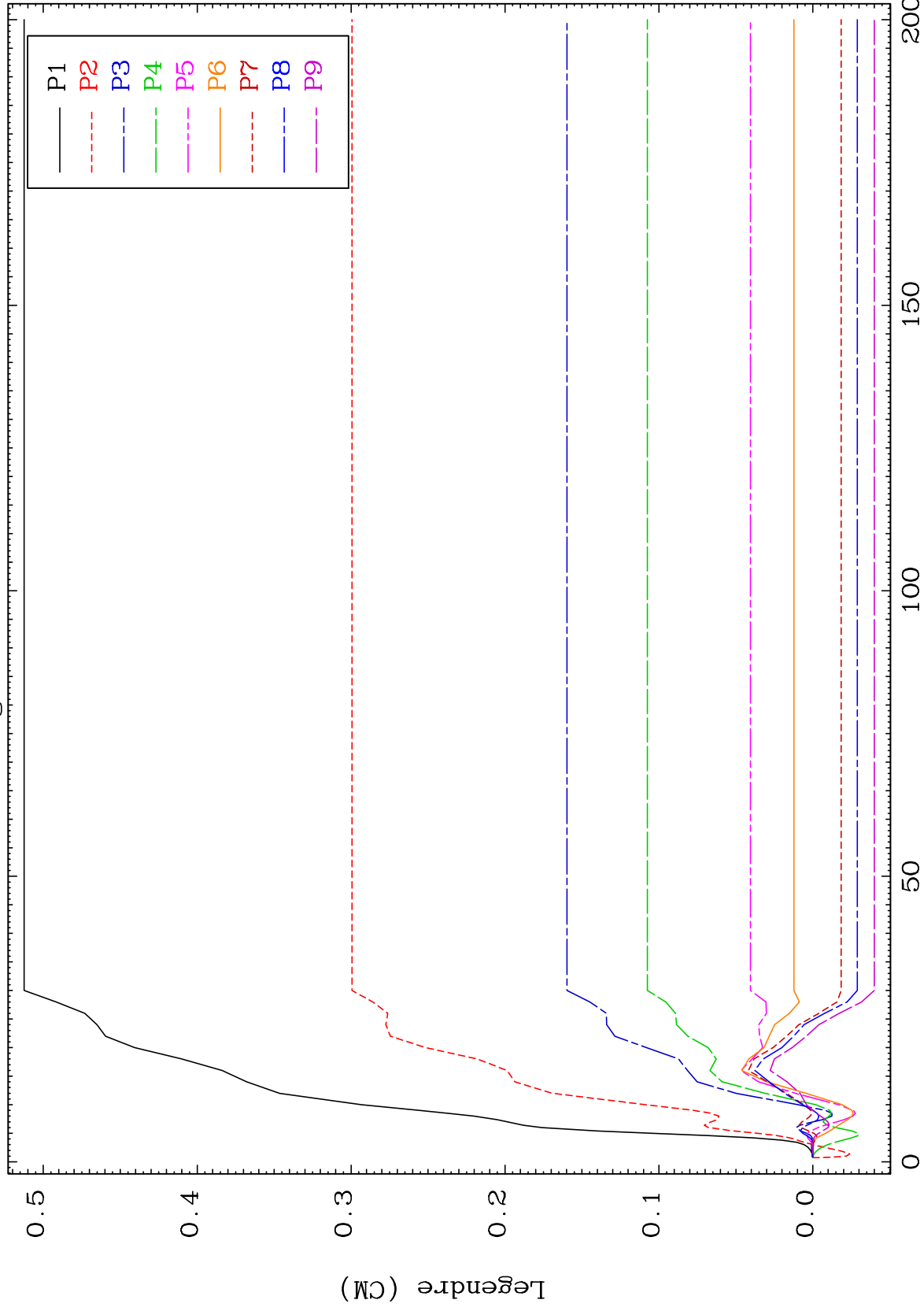
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



73

Incident Energy (MeV)

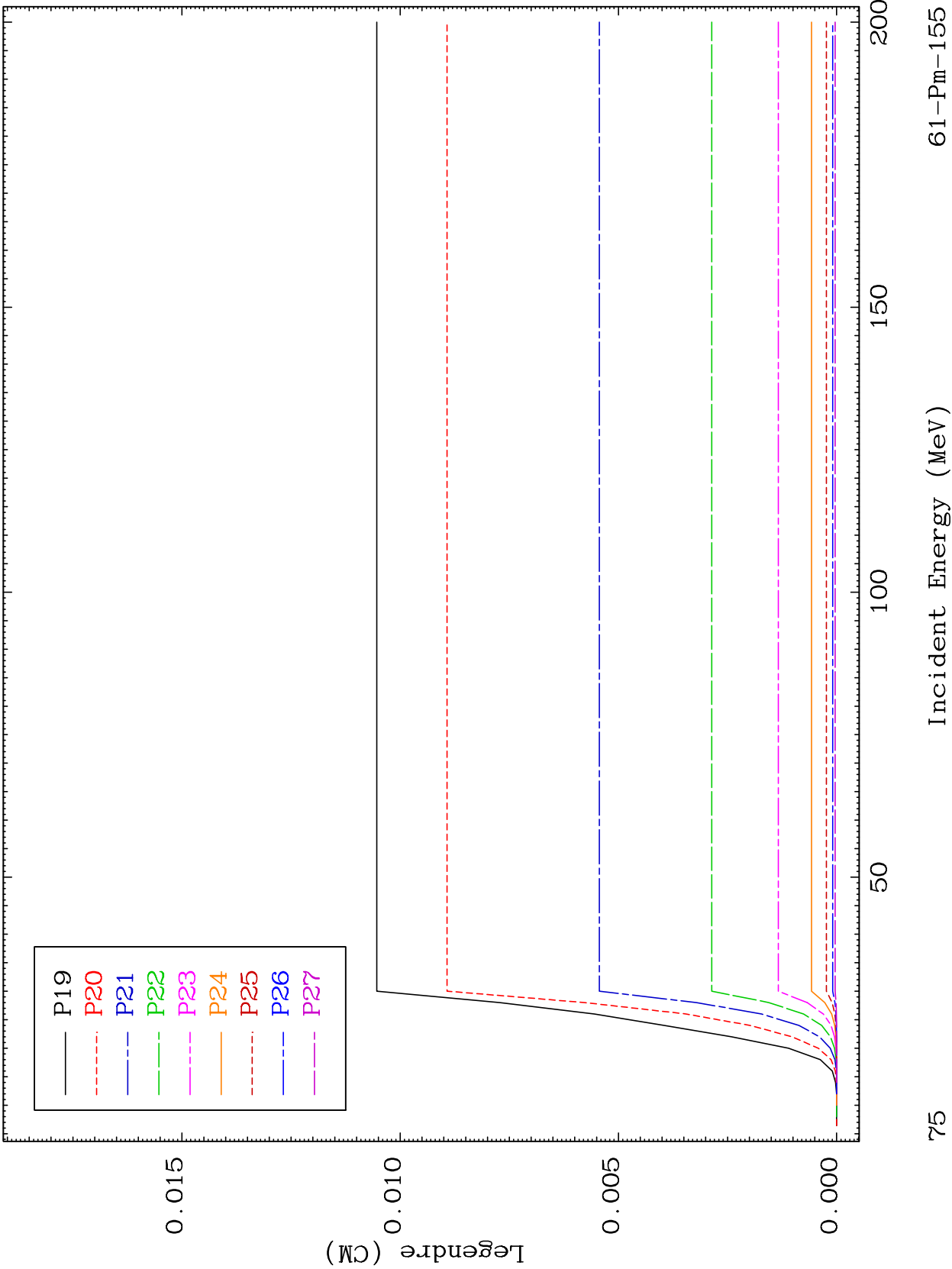
61-Pm-155



MAT 6173

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

61-Pm-155



75

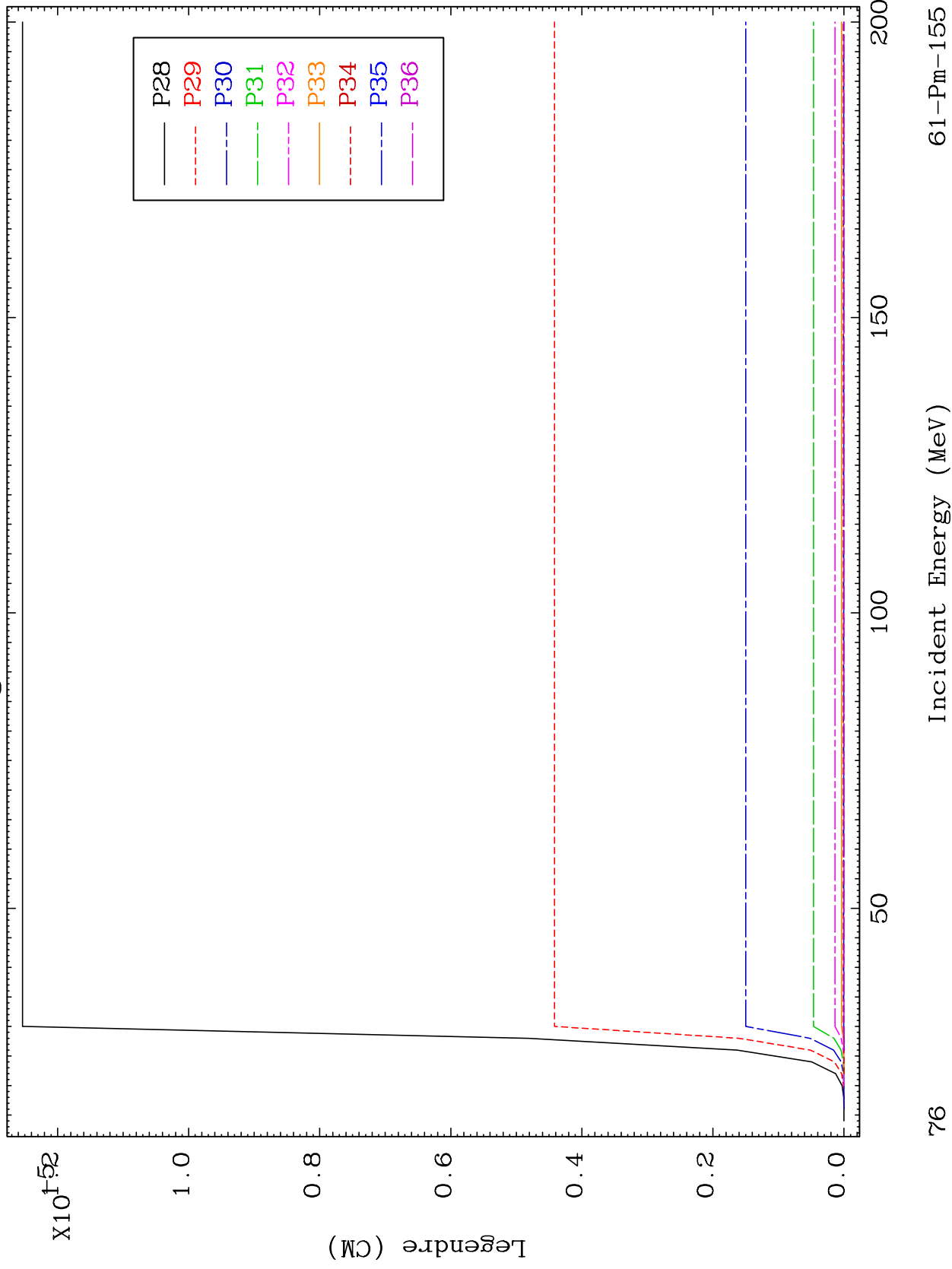
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155

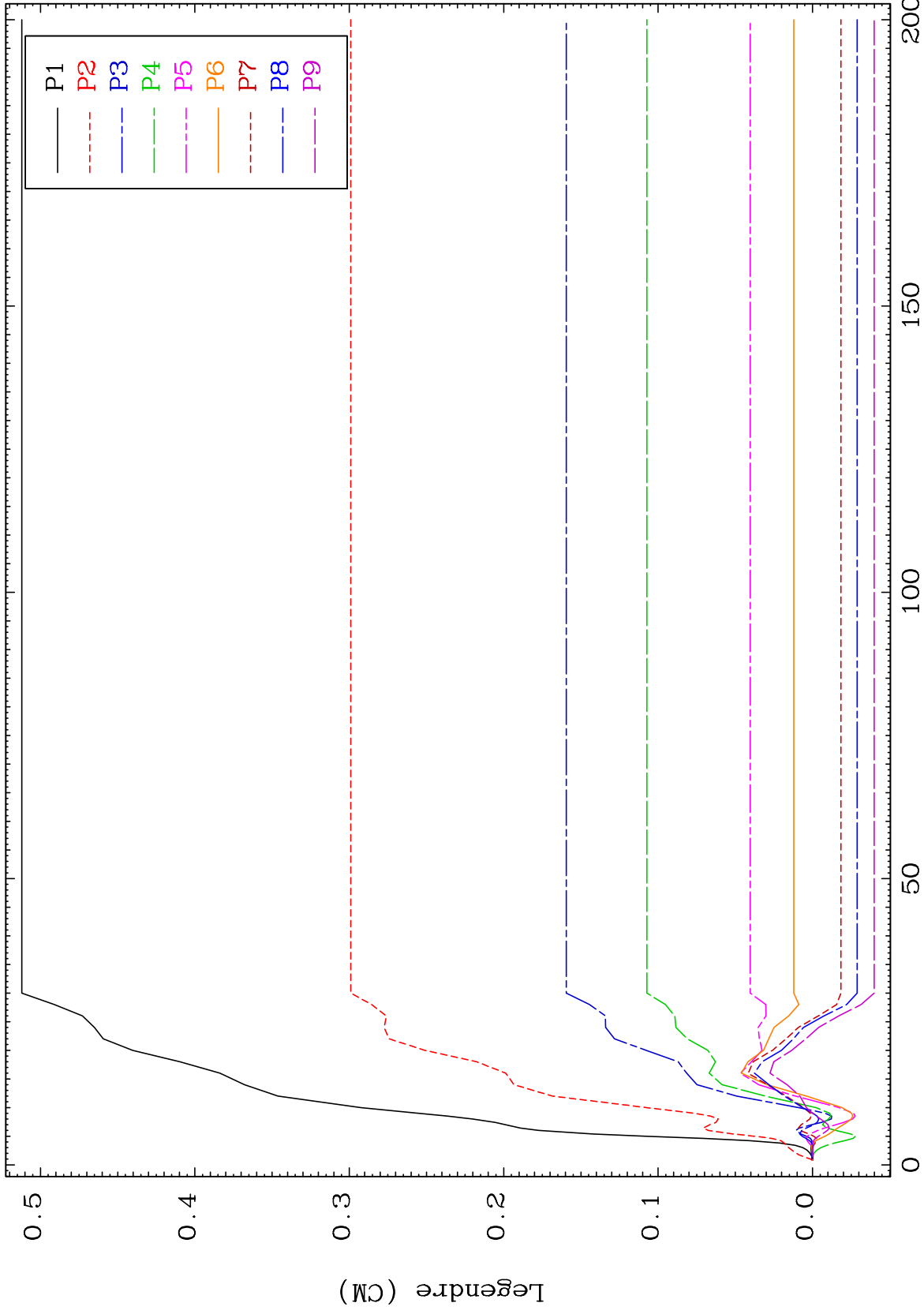


MAT 6173

MT= 65 (n,n') Level

61-Pm-155

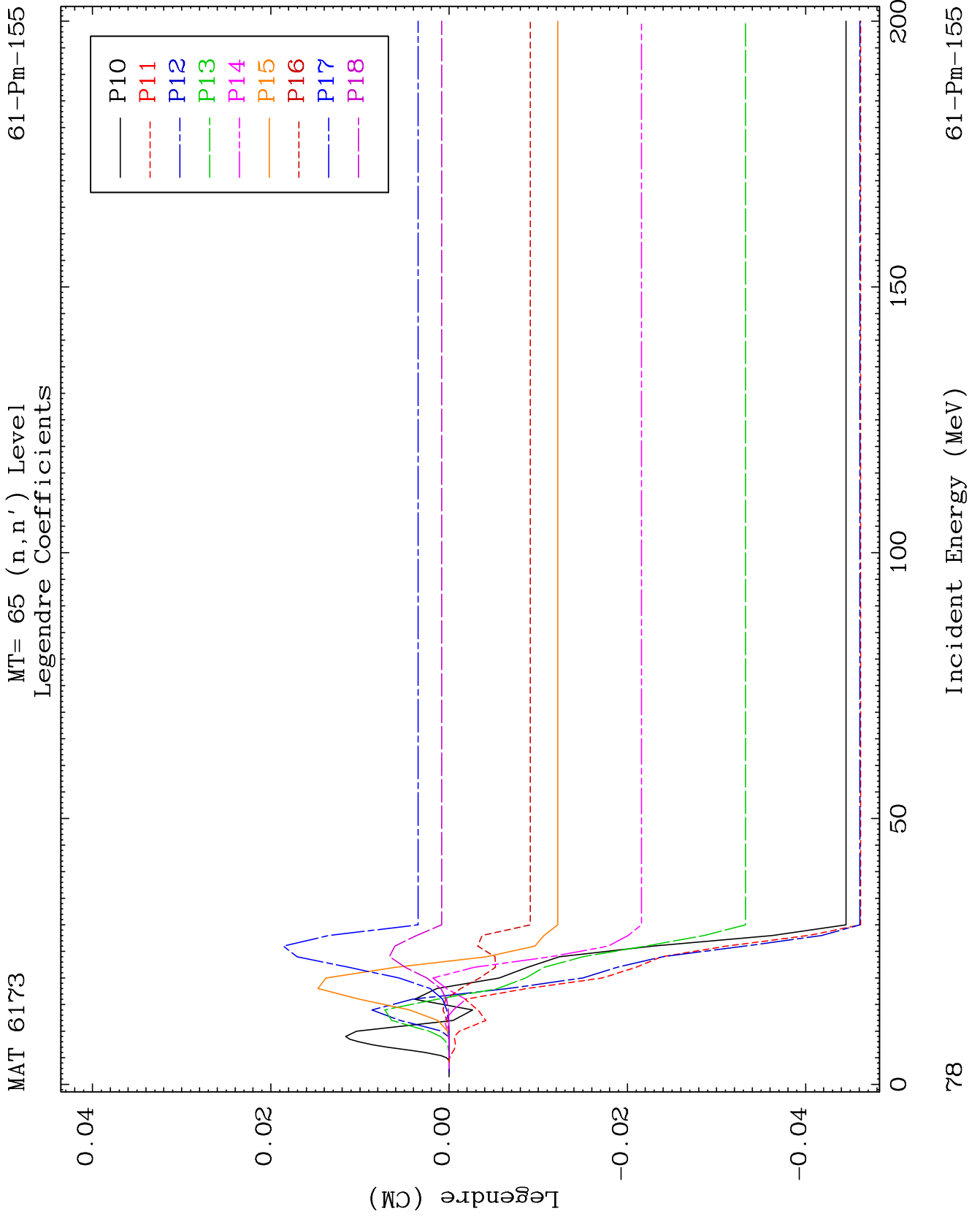
Legendre Coefficients



77

Incident Energy (MeV)

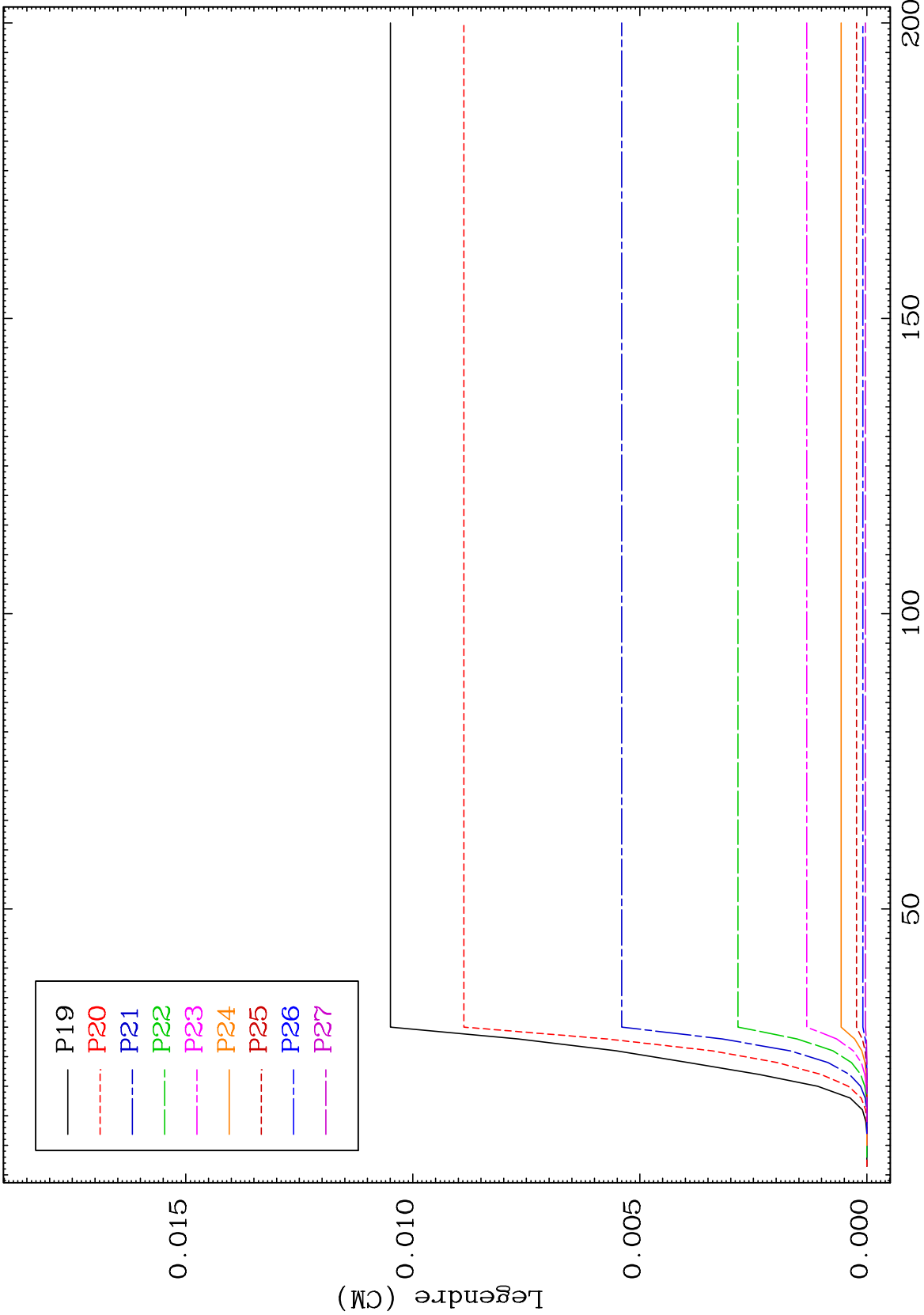
61-Pm-155



MAT 6173

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

61-Pm-155



79

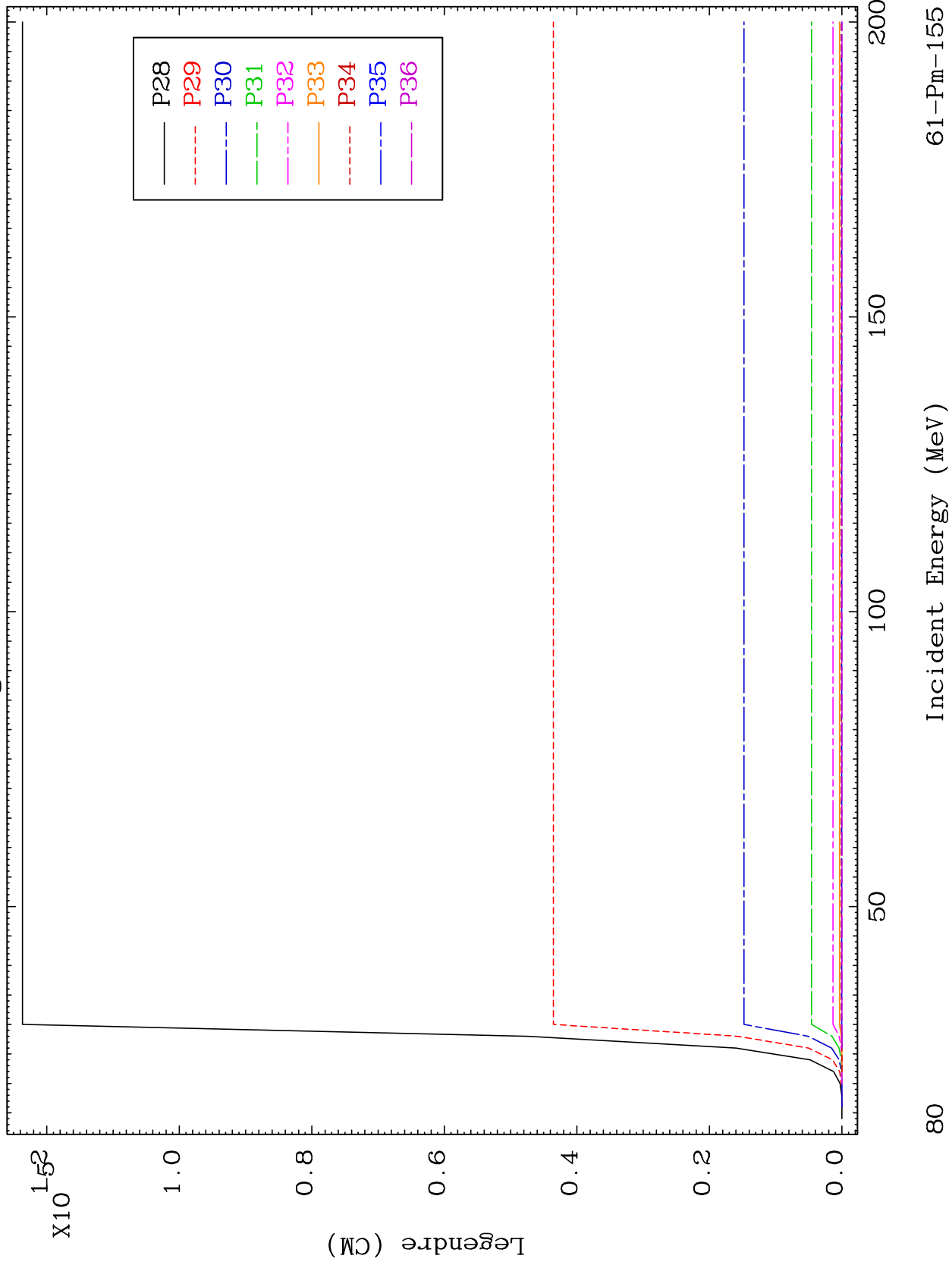
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155

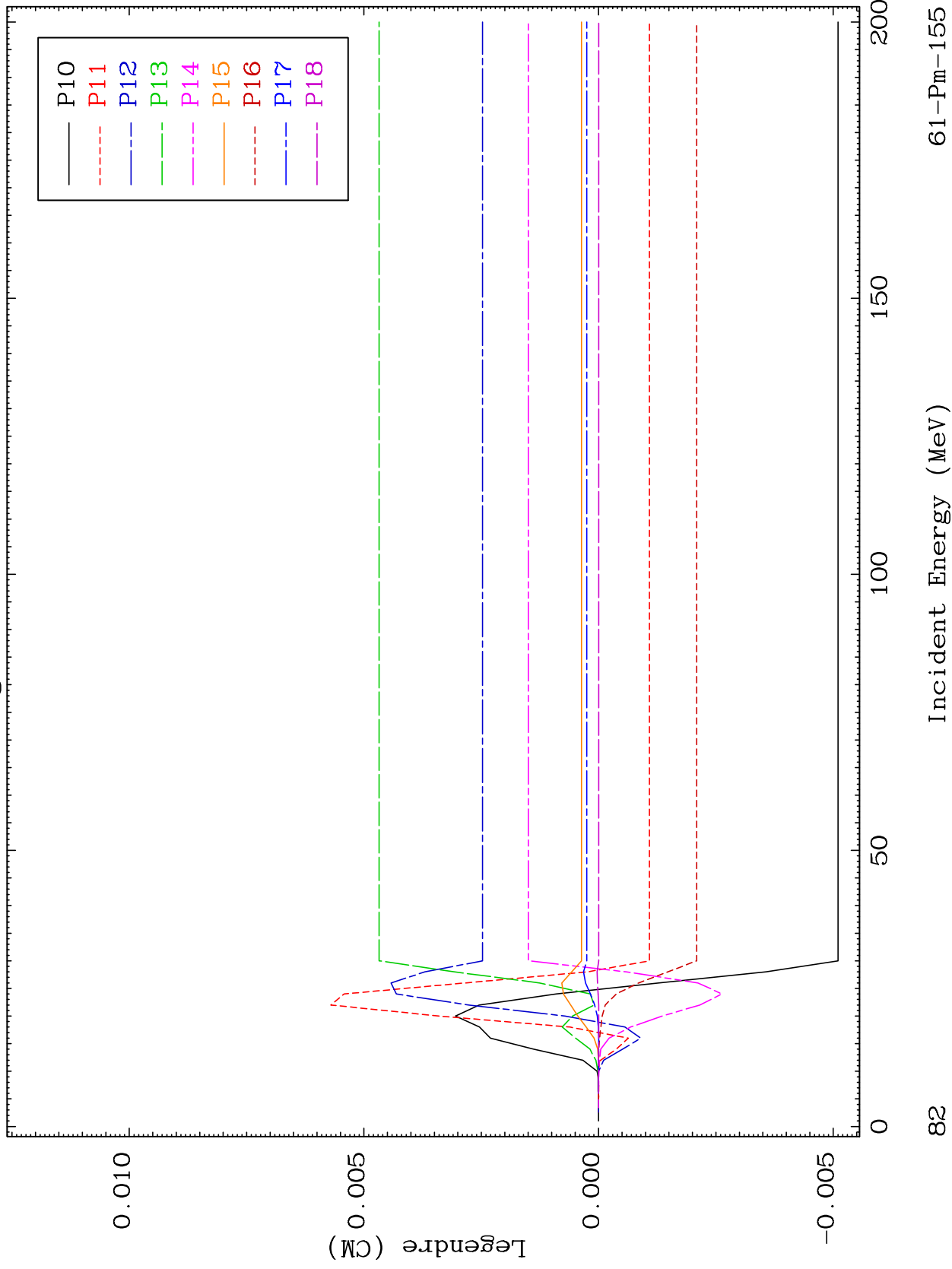




MAT 6173

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

61-Pm-155



61-Pm-155

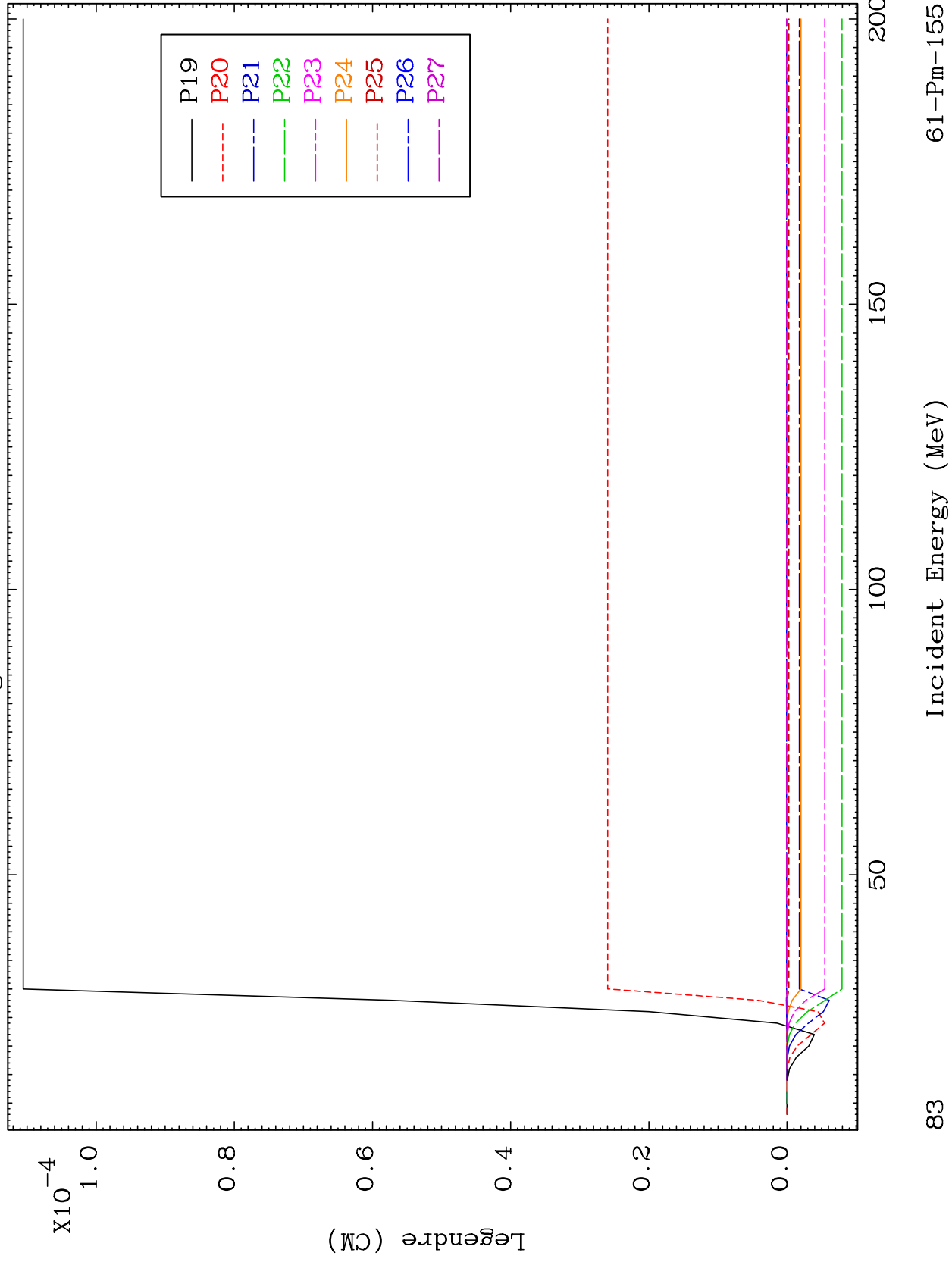
Incident Energy (MeV)

82

MAT 6173

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

61-Pm-155



83

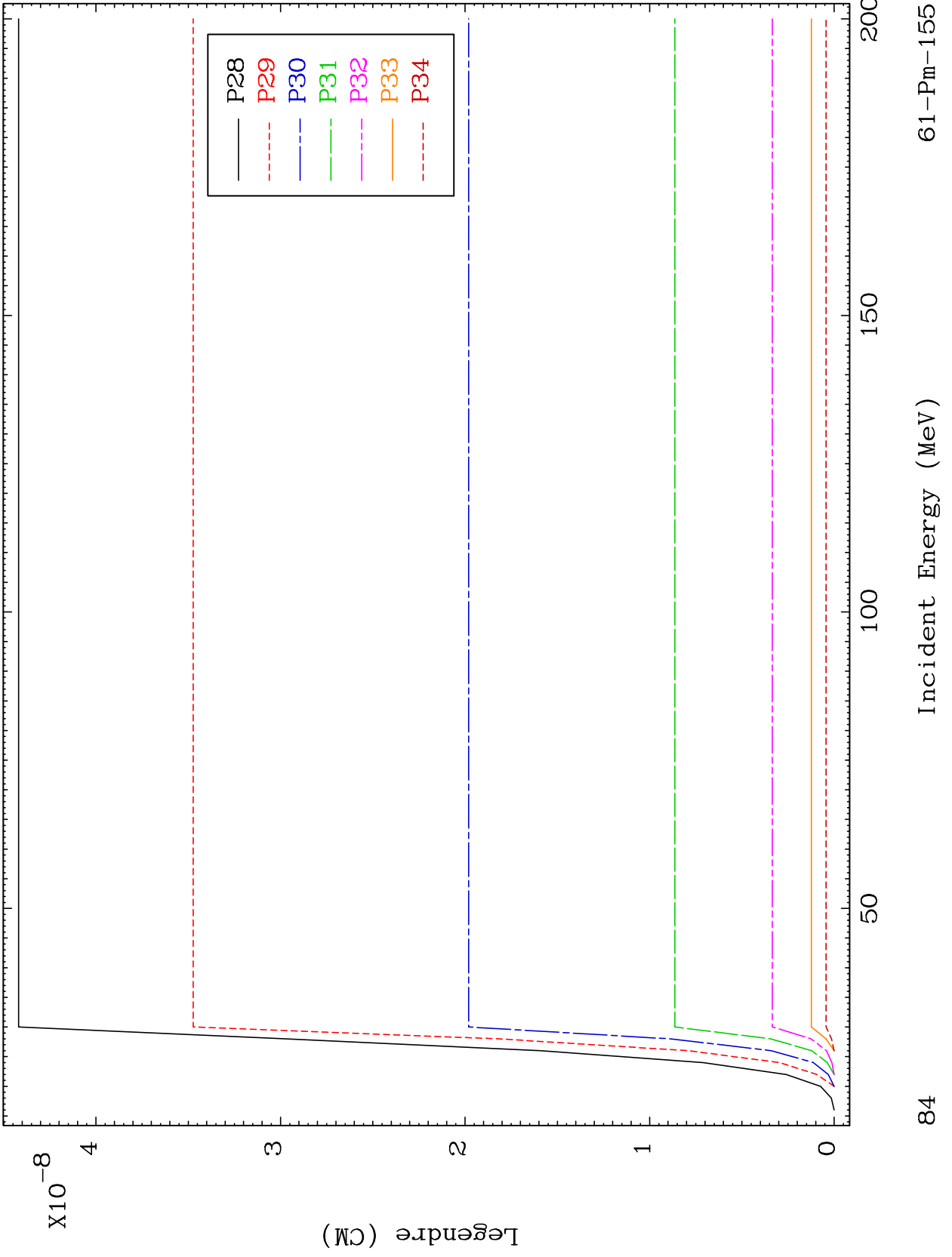
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

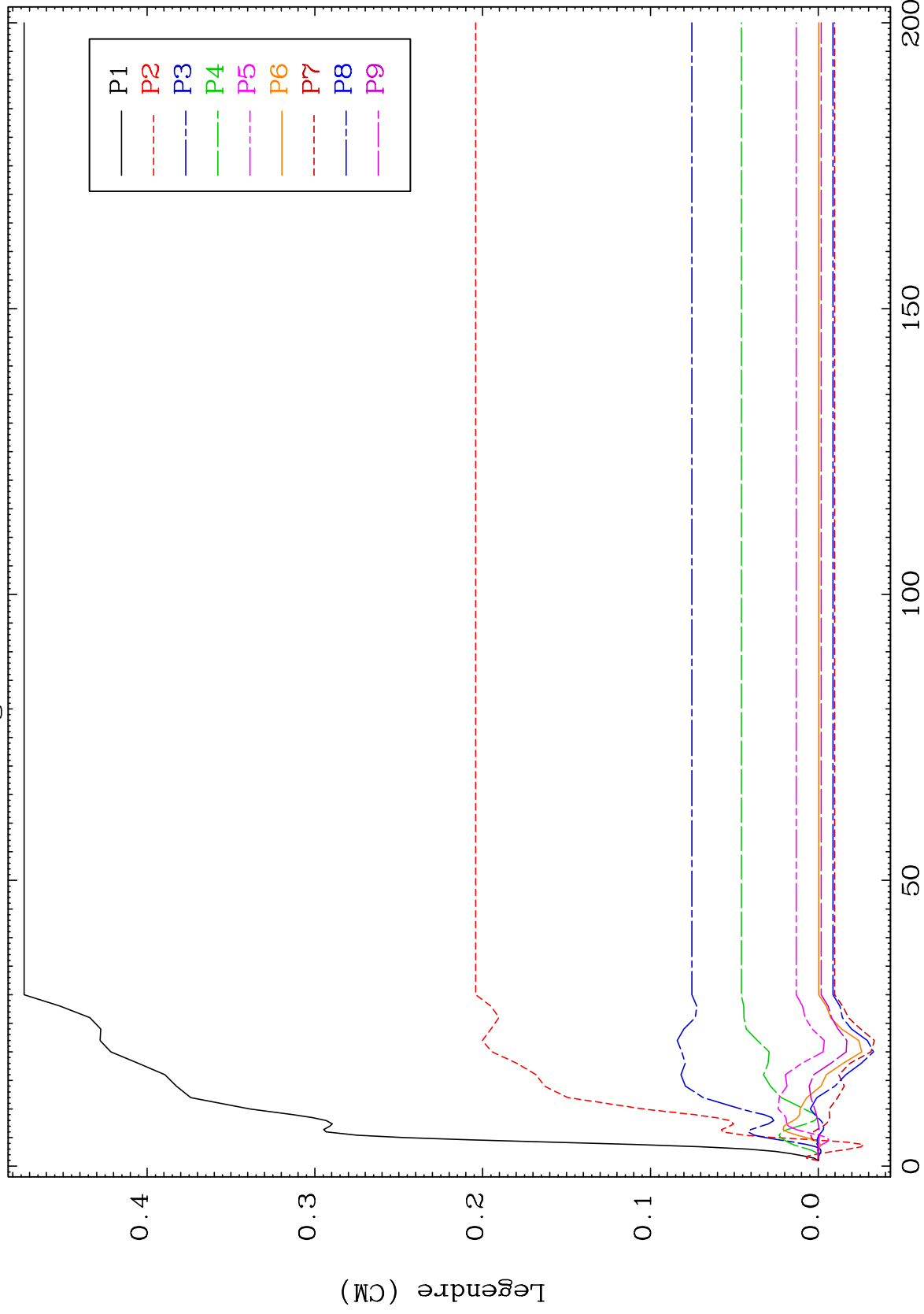
61-Pm-155



MAT 6173

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

61-Pm-155



85

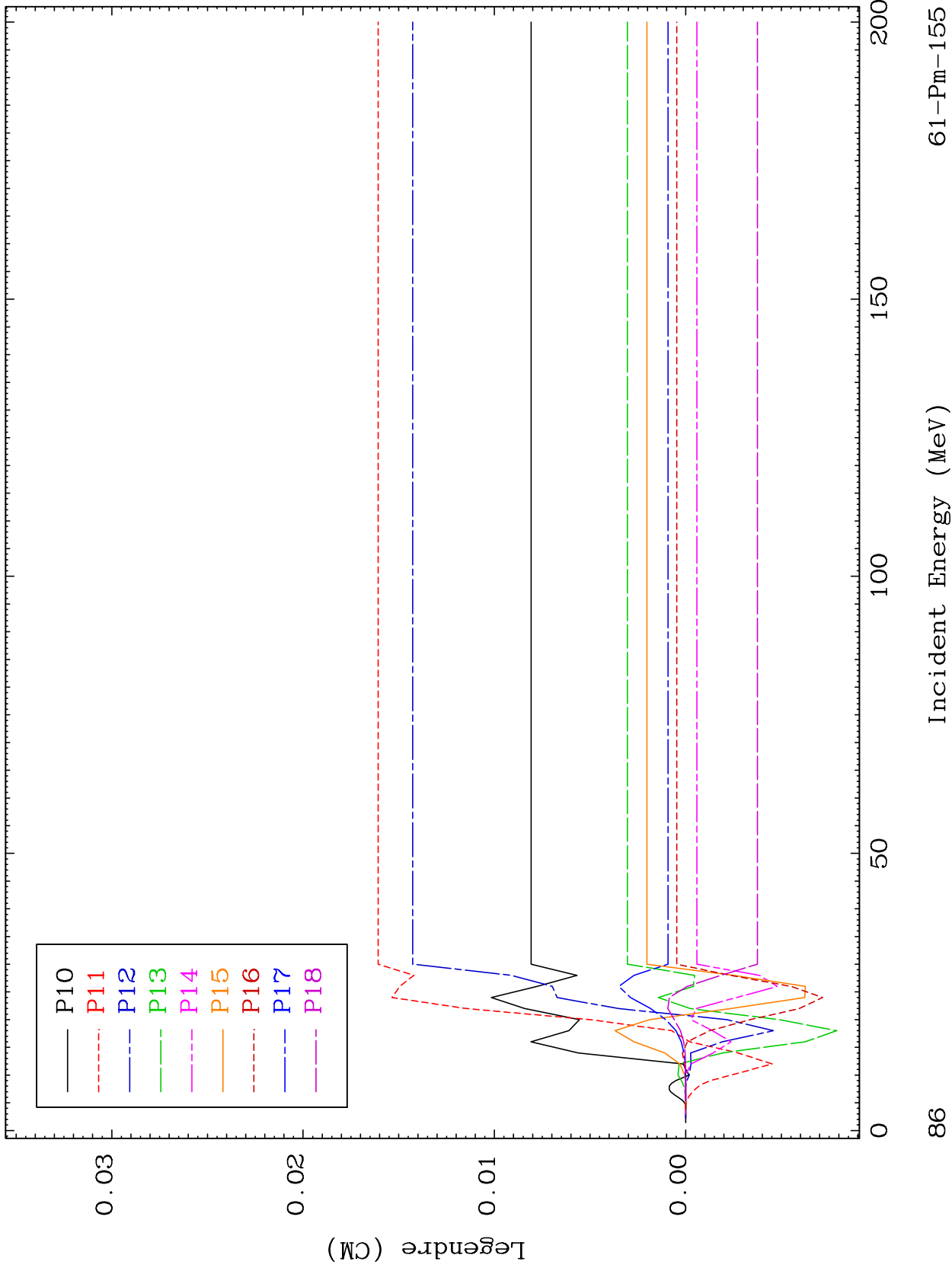
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



86

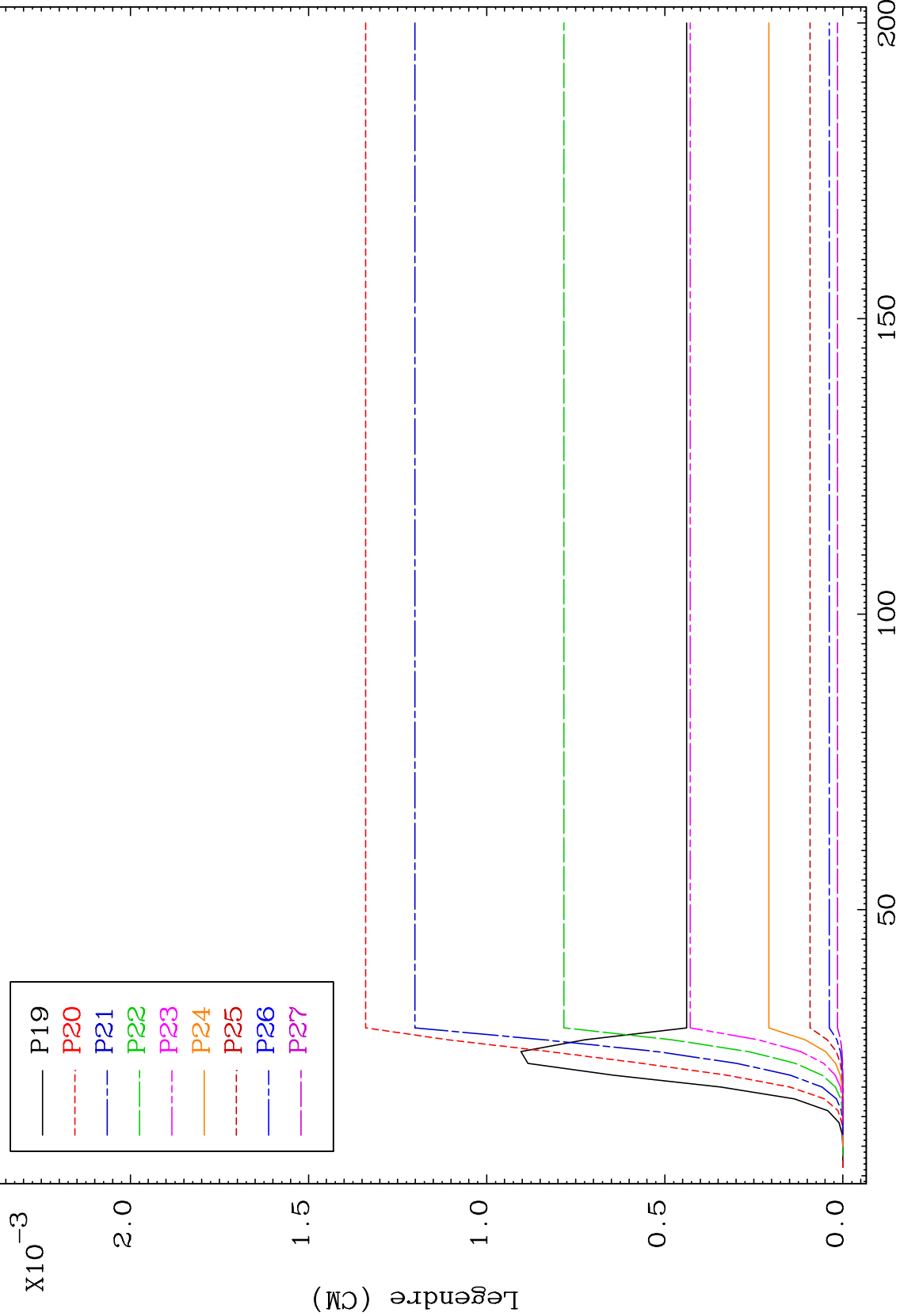
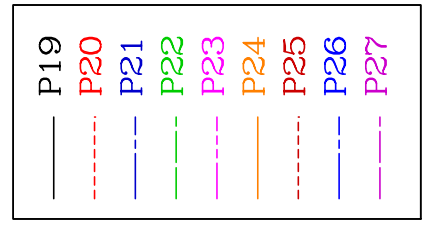
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



87

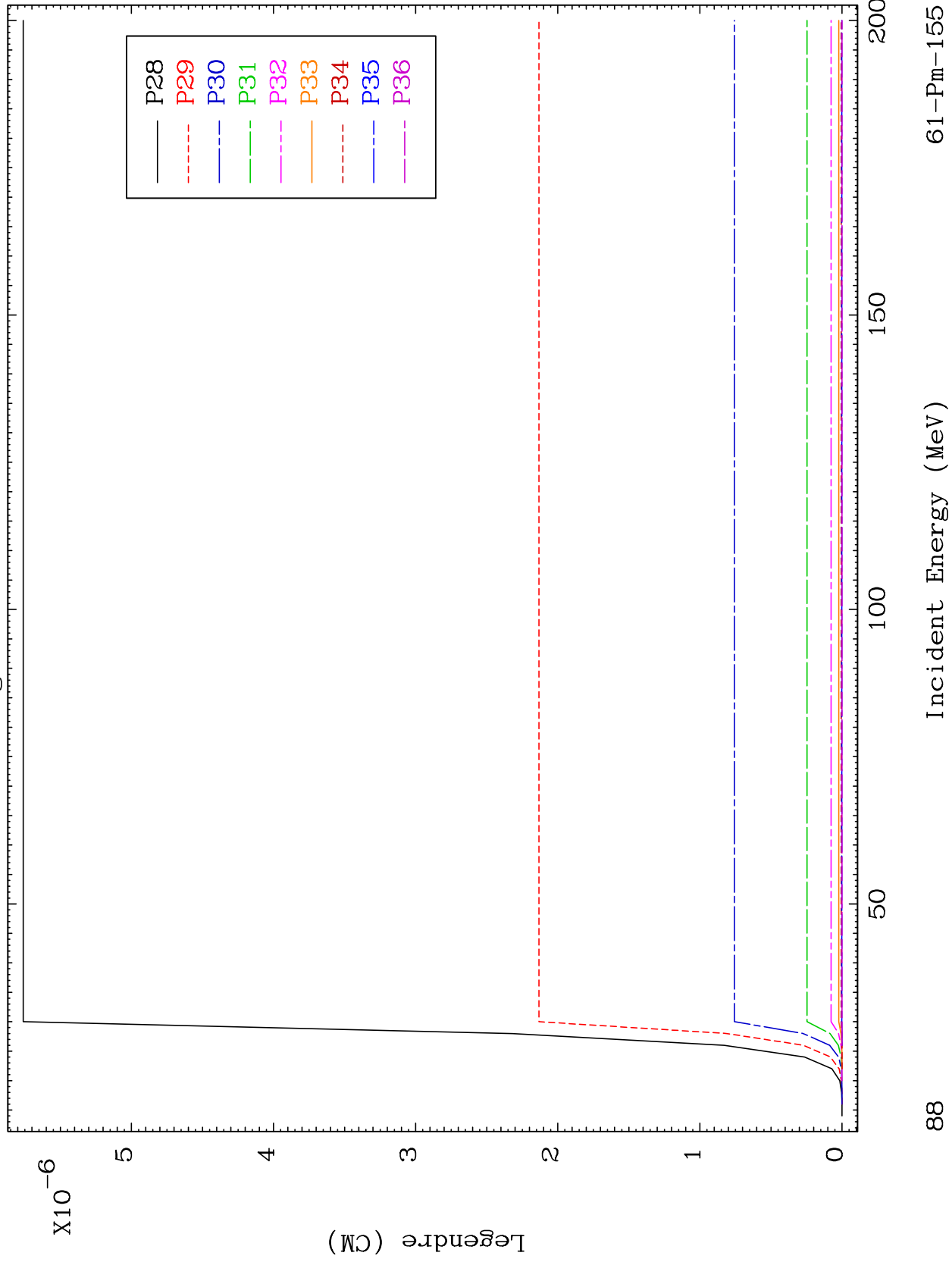
Incident Energy (MeV)

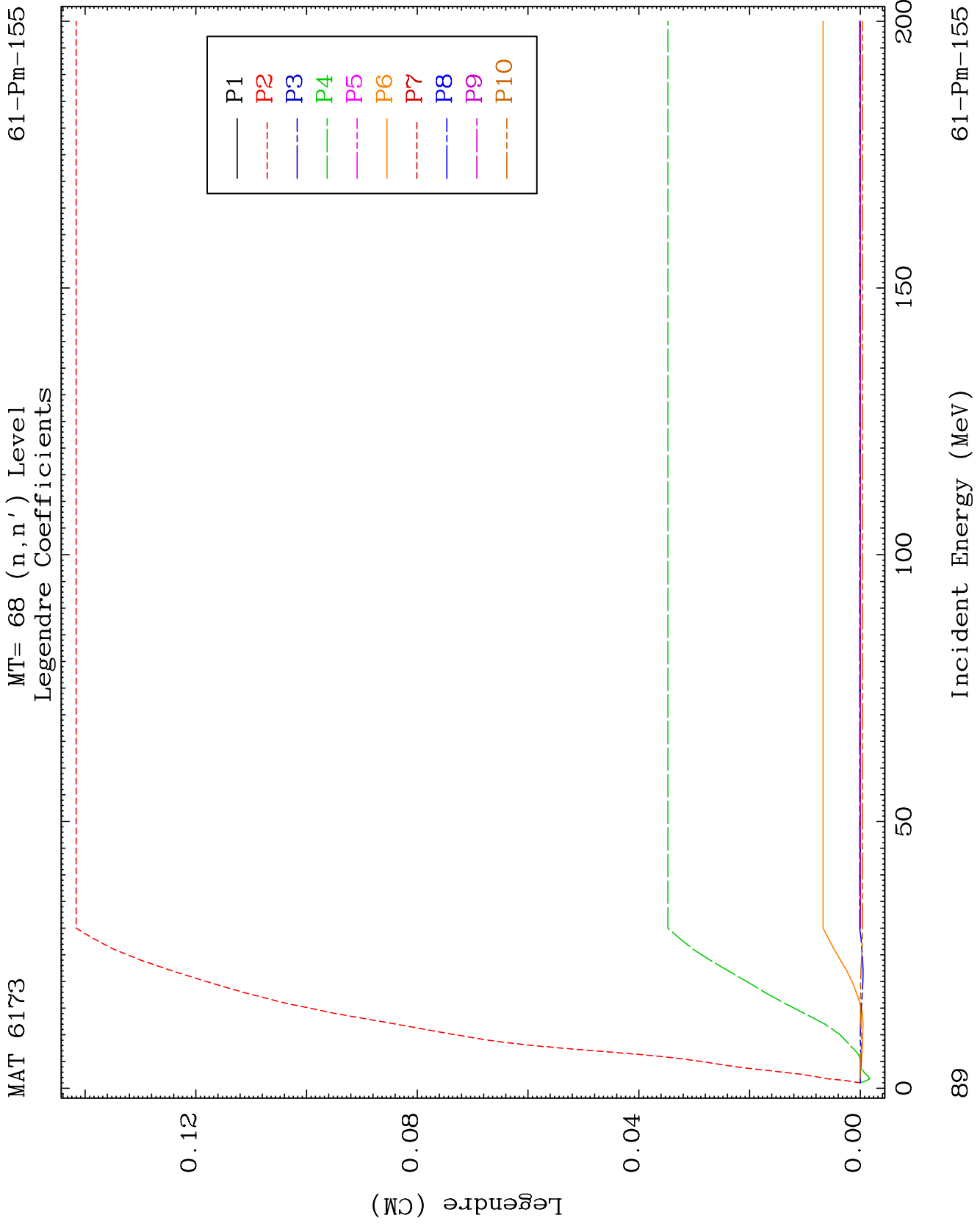
61-Pm-155

MAT 6173

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

61-Pm-155





MAT 6173

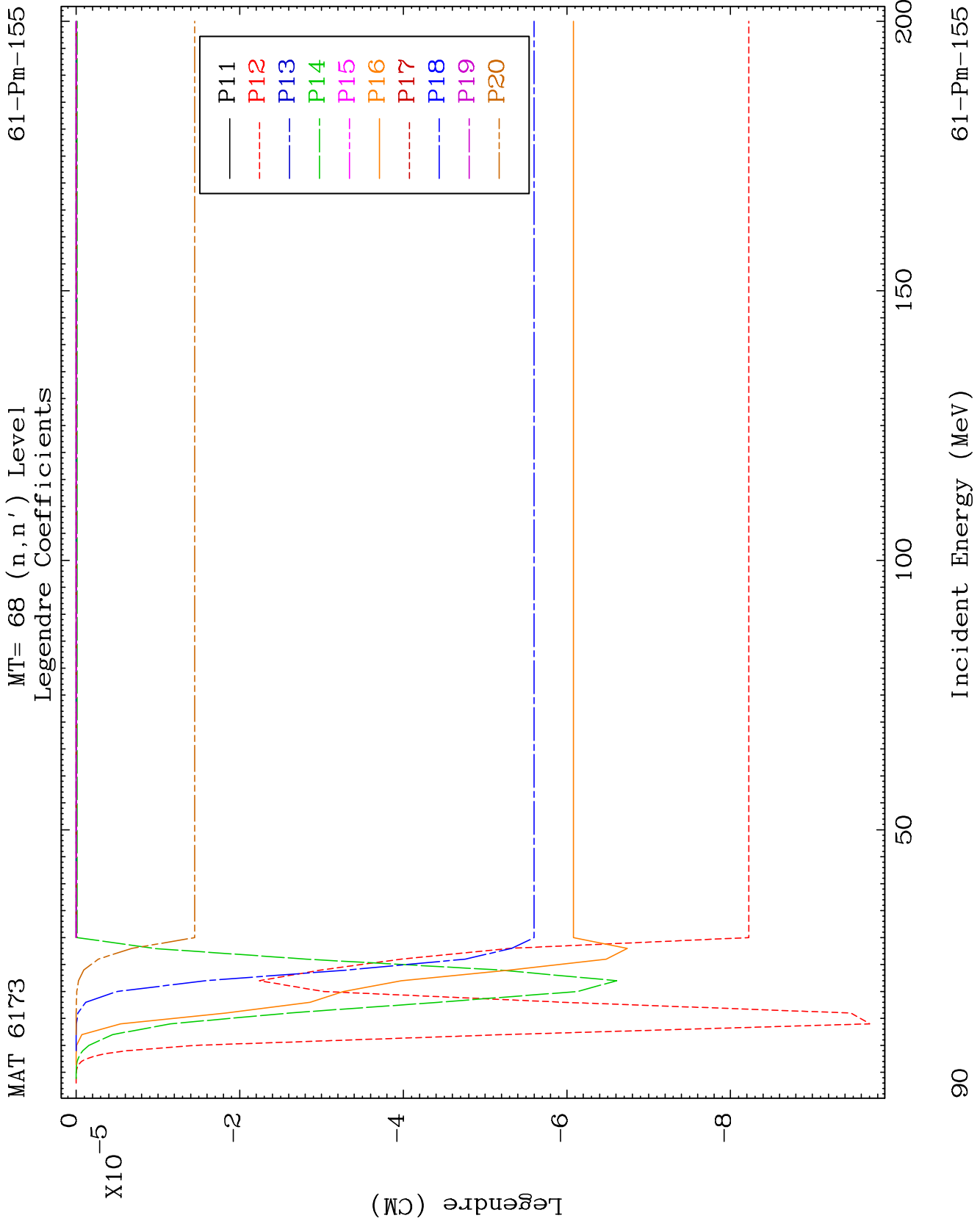
MT= 68 (n,n') Level Legendre Coefficients

61-Pm-155

89

Incident Energy (MeV)

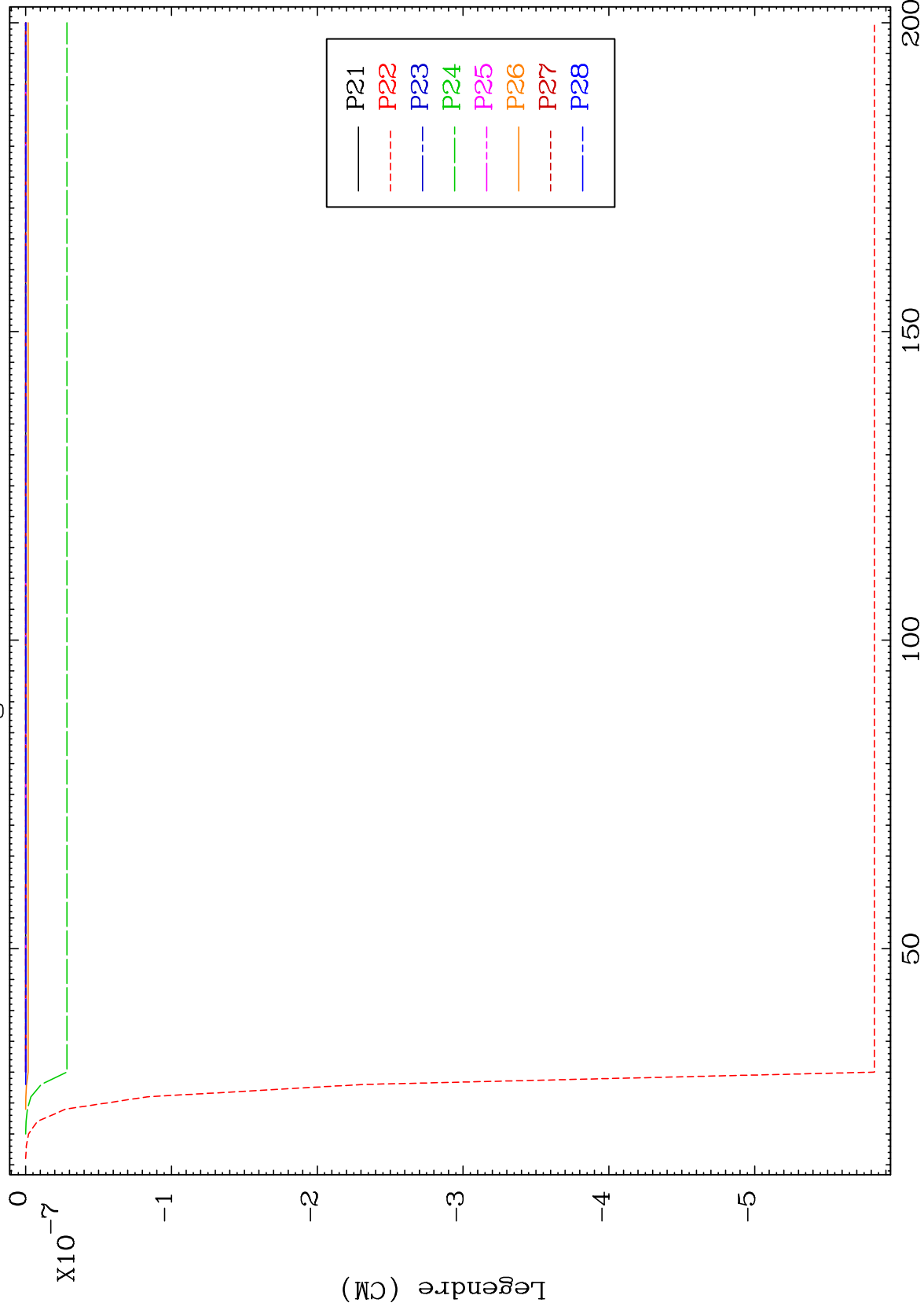
61-Pm-155



MAT 6173

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

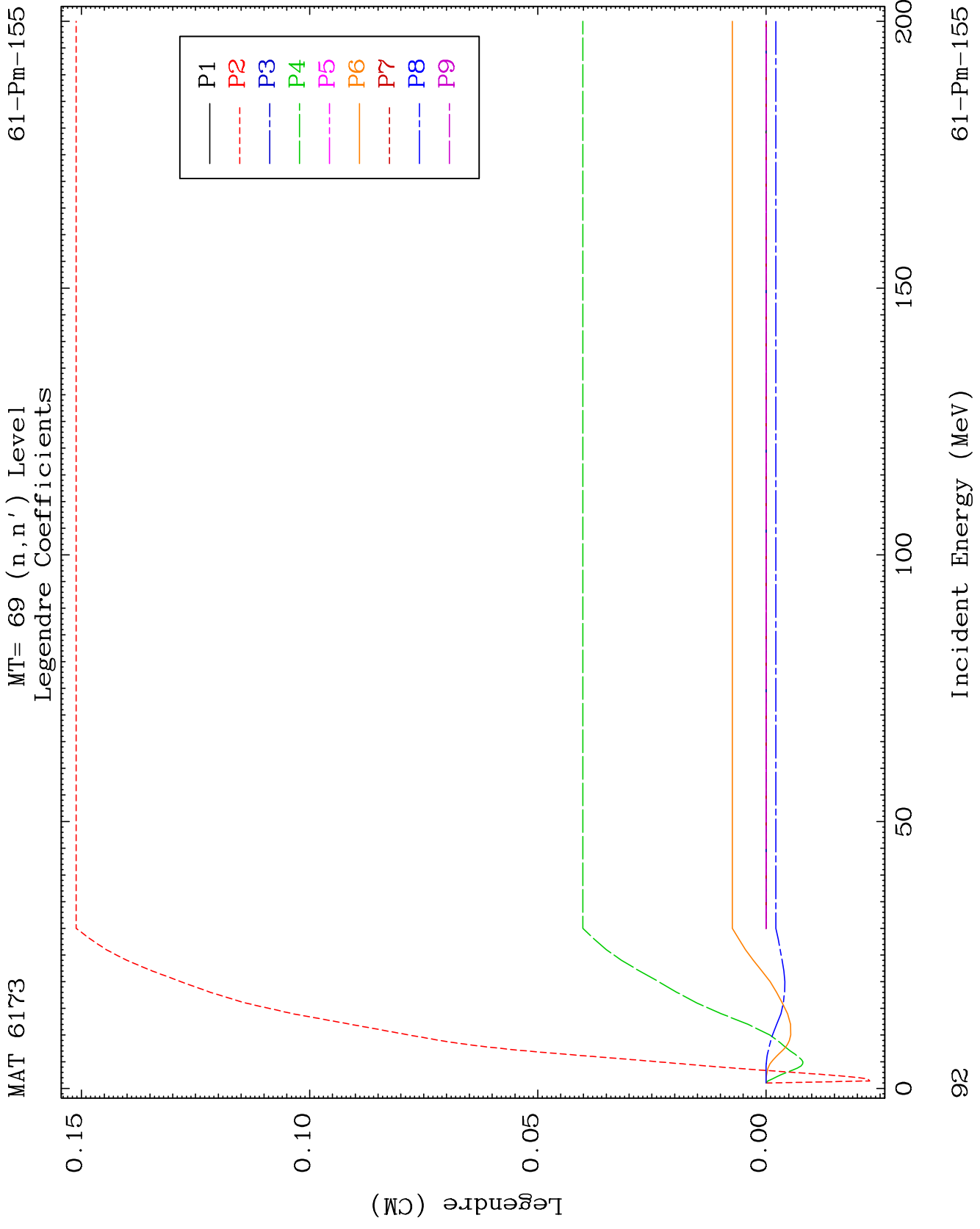
61-Pm-155



91

Incident Energy (MeV)

61-Pm-155





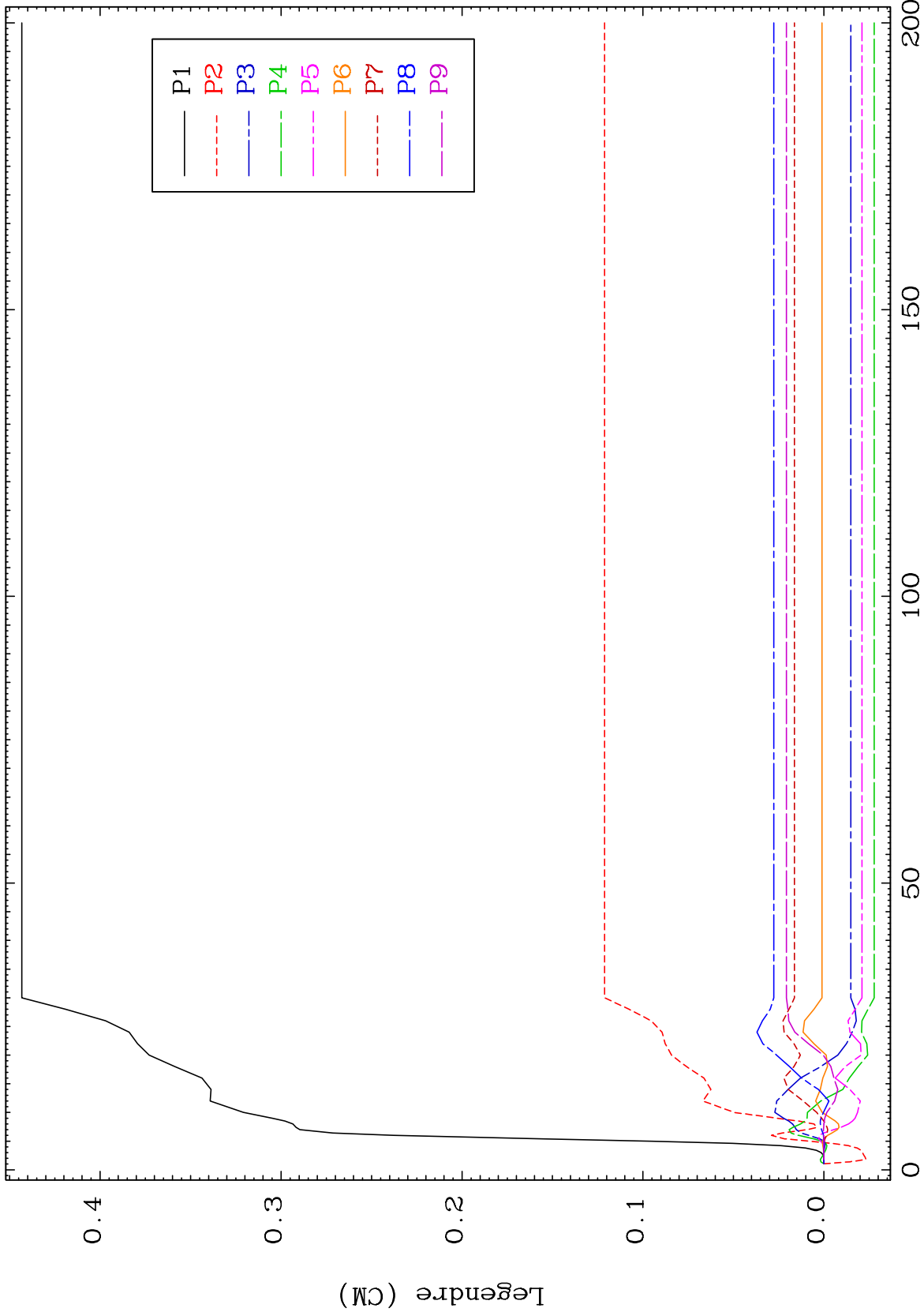


MAT 6173

MT= 70 (n,n') Level

61-Pm-155

Legendre Coefficients



95

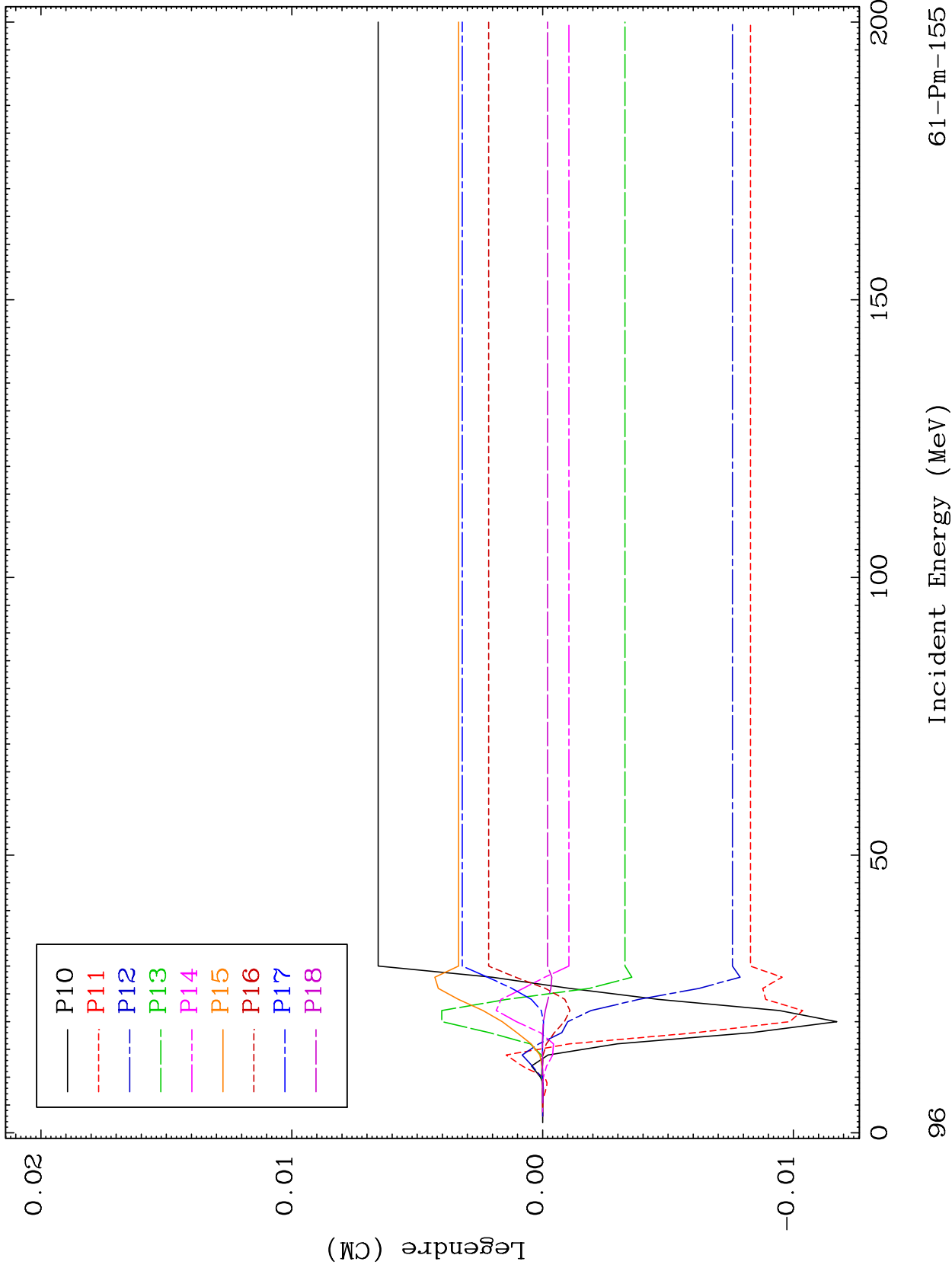
Incident Energy (MeV)

61-Pm-155

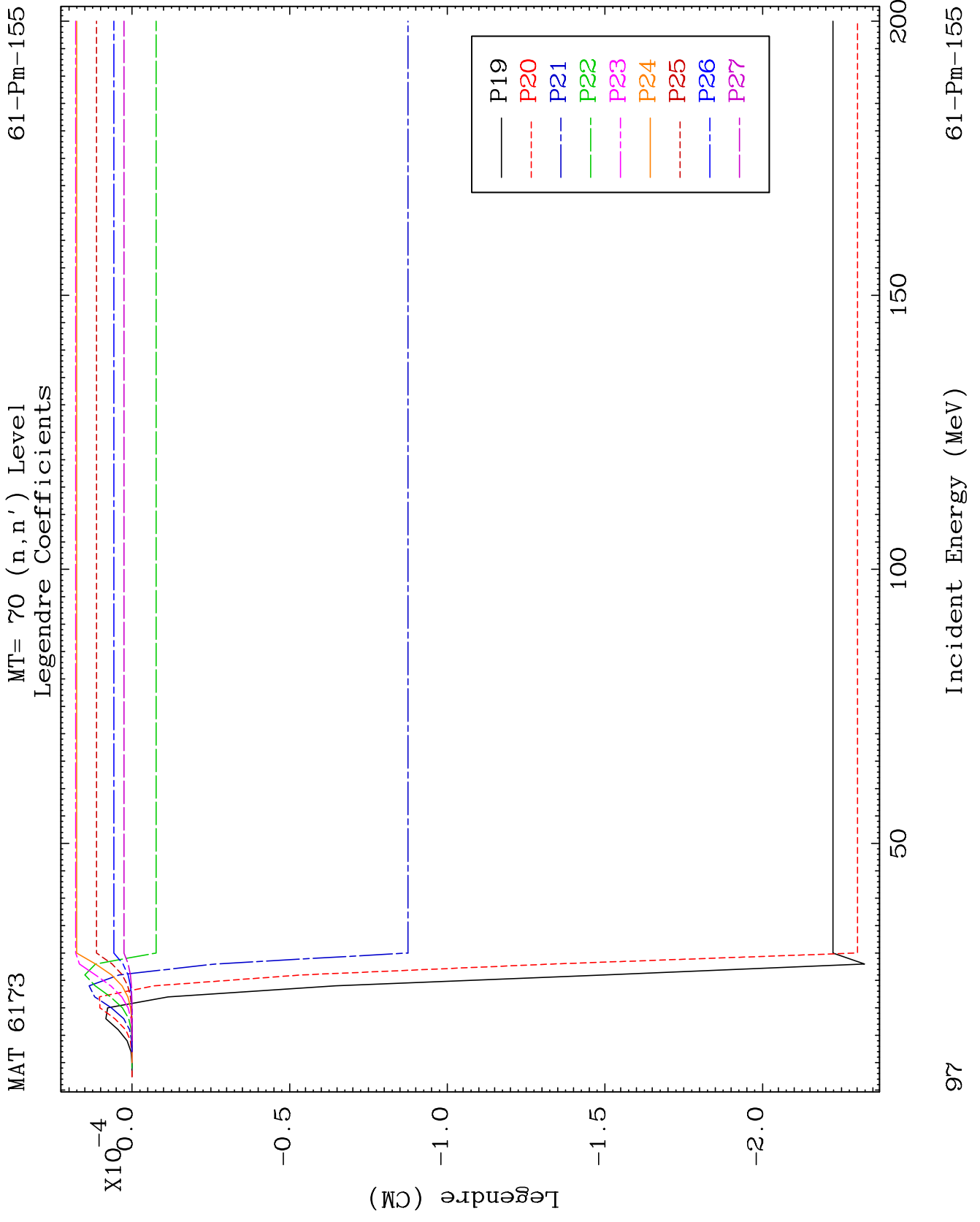
MAT 6173

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

61-Pm-155



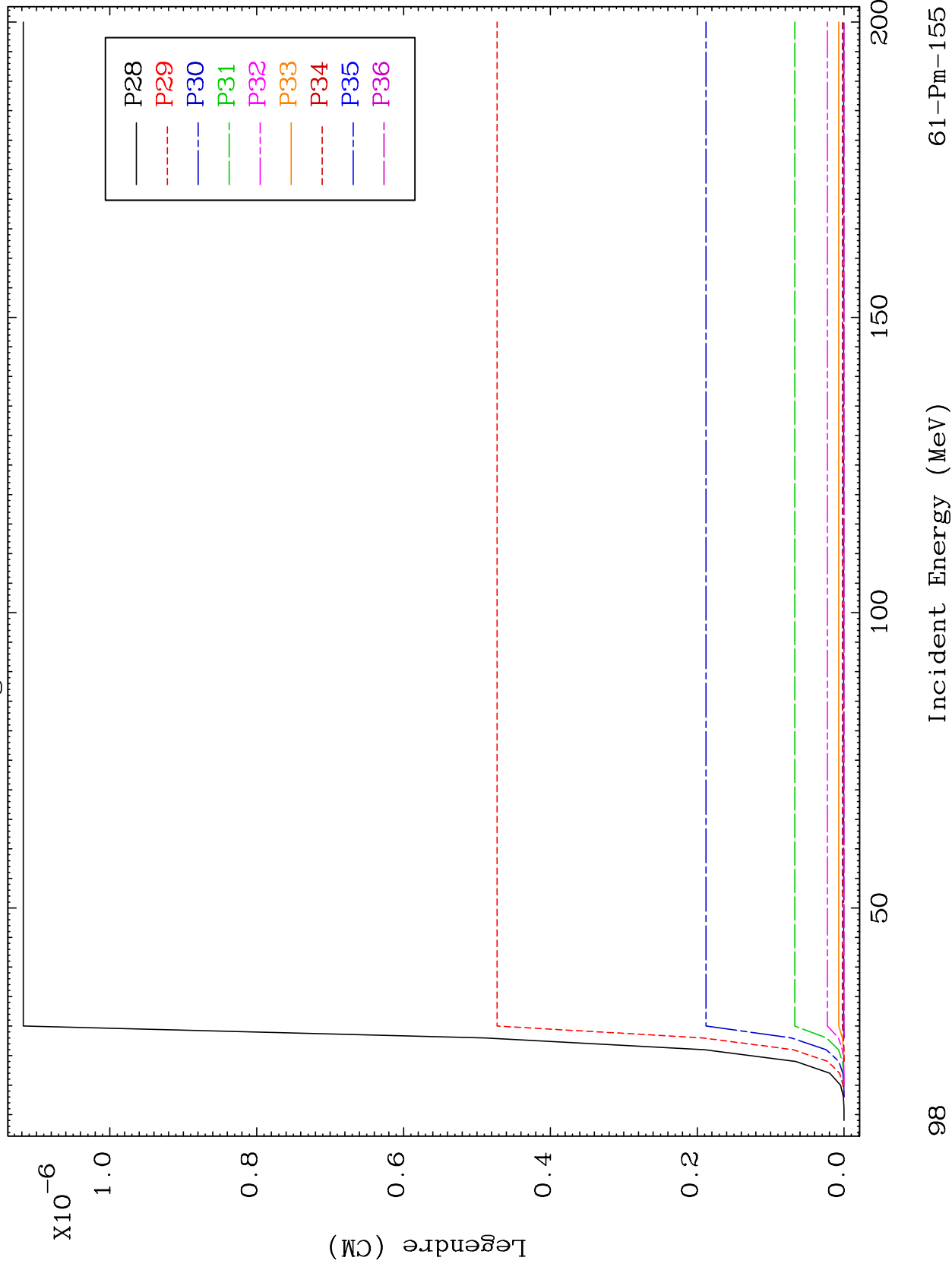
61-Pm-155

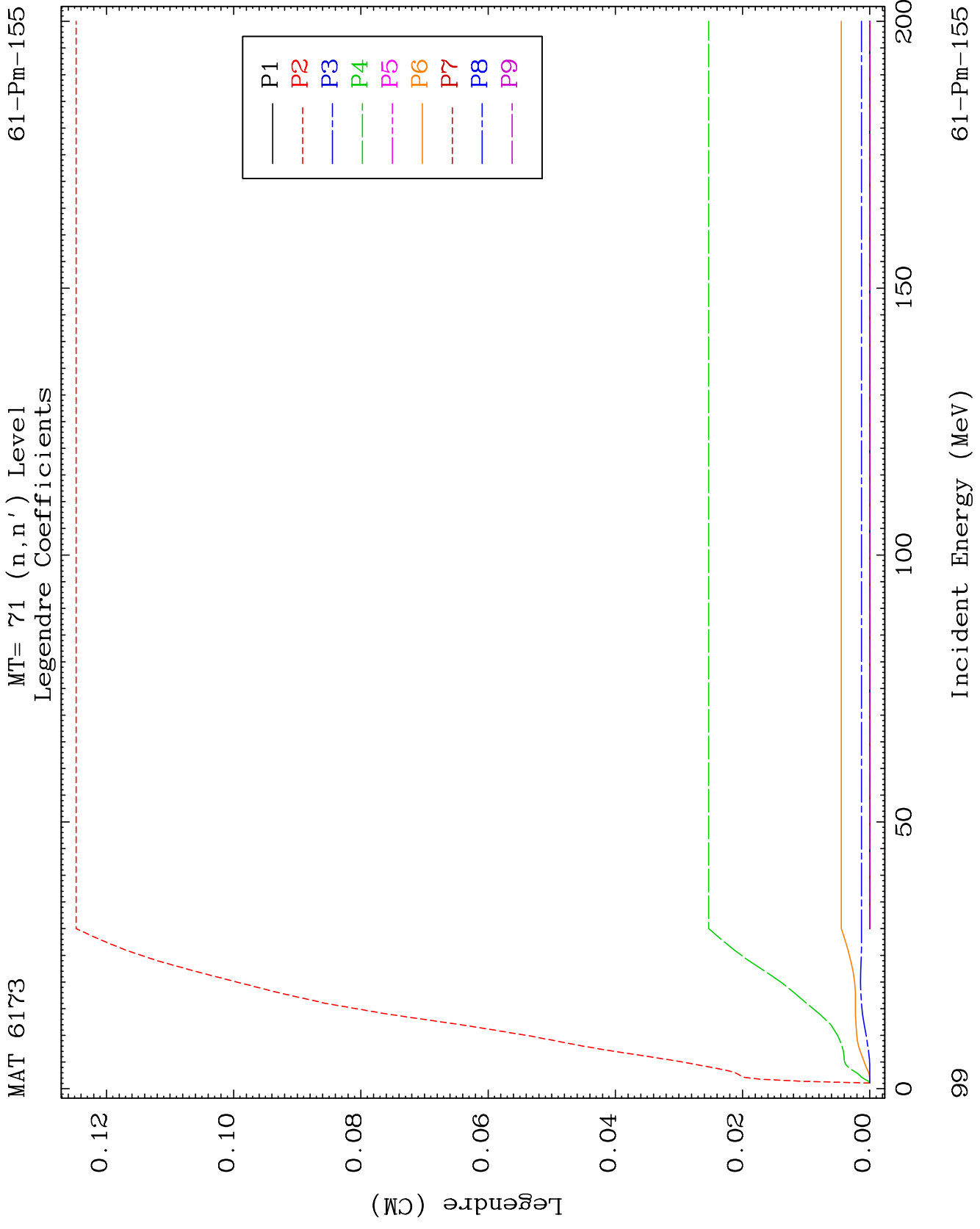


MAT 6173

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

61-Pm-155

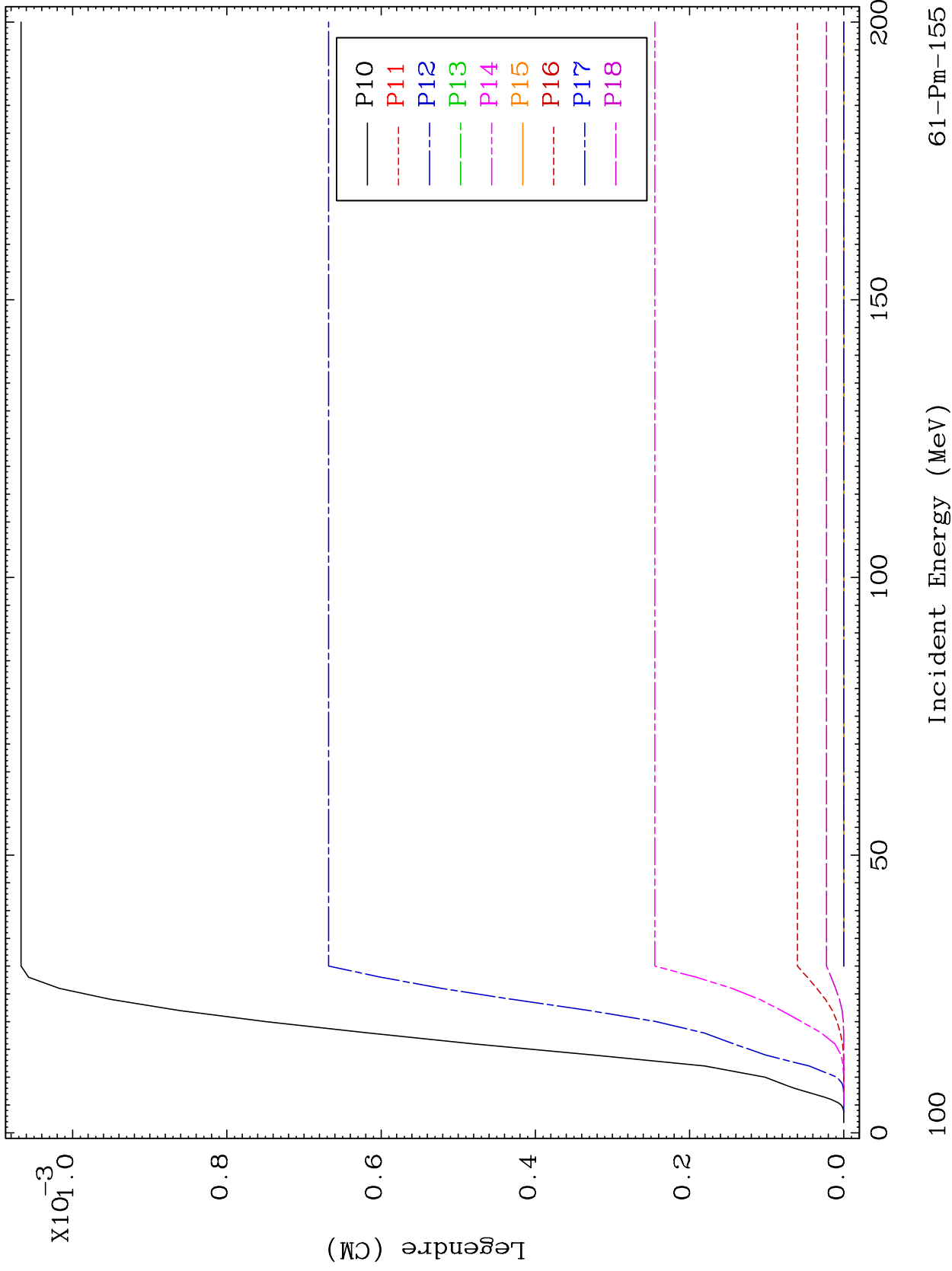


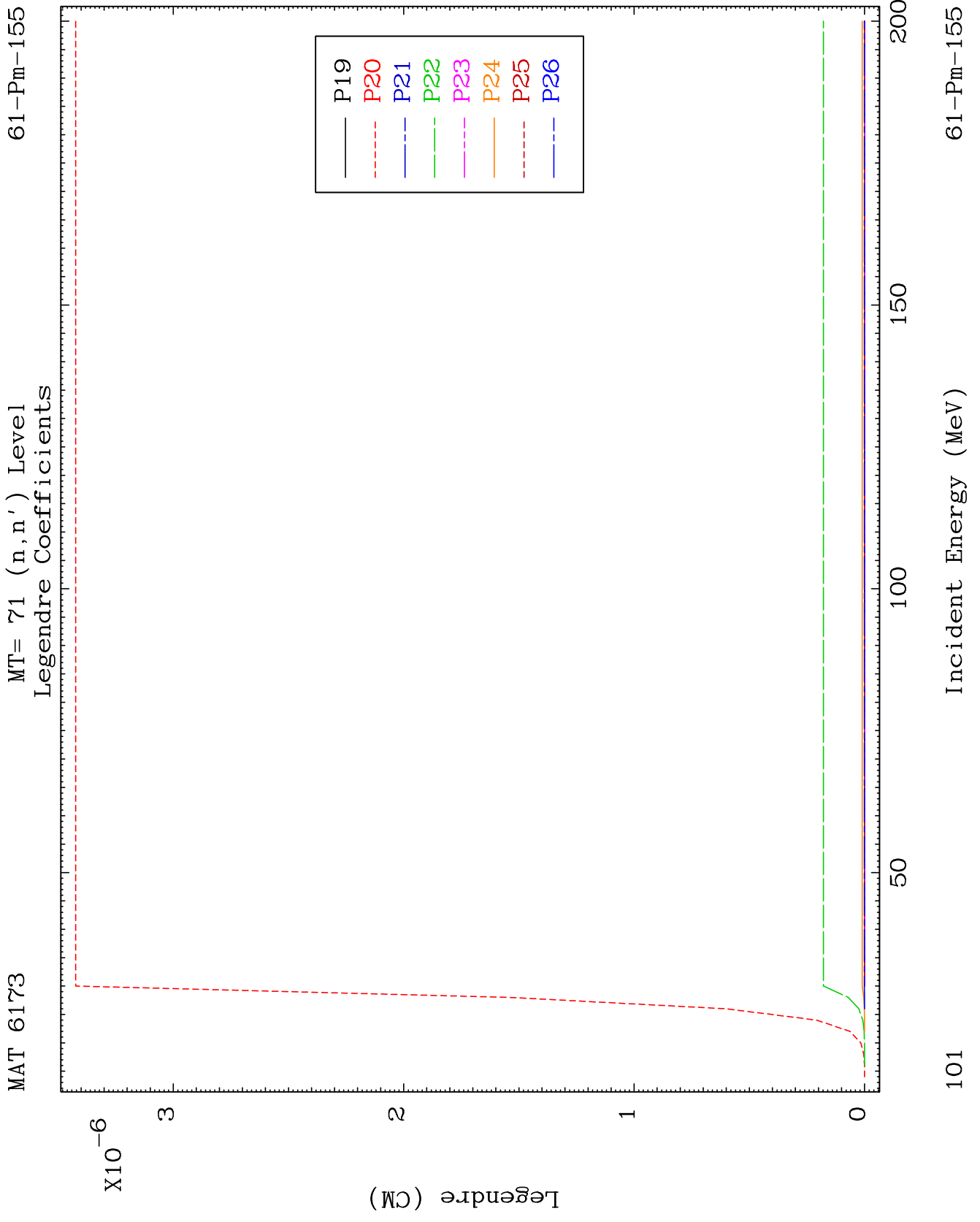


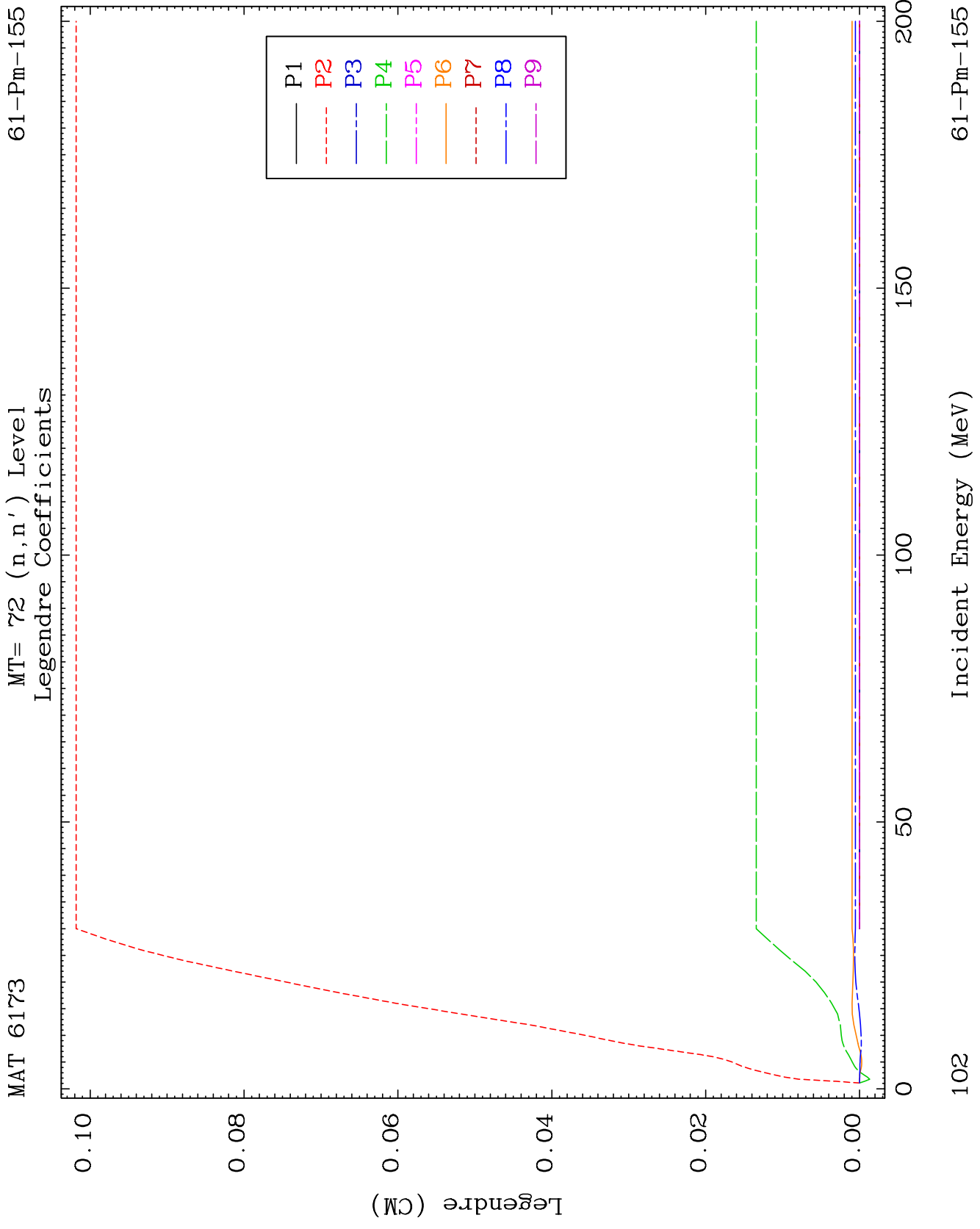
MAT 6173

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

61-Pm-155



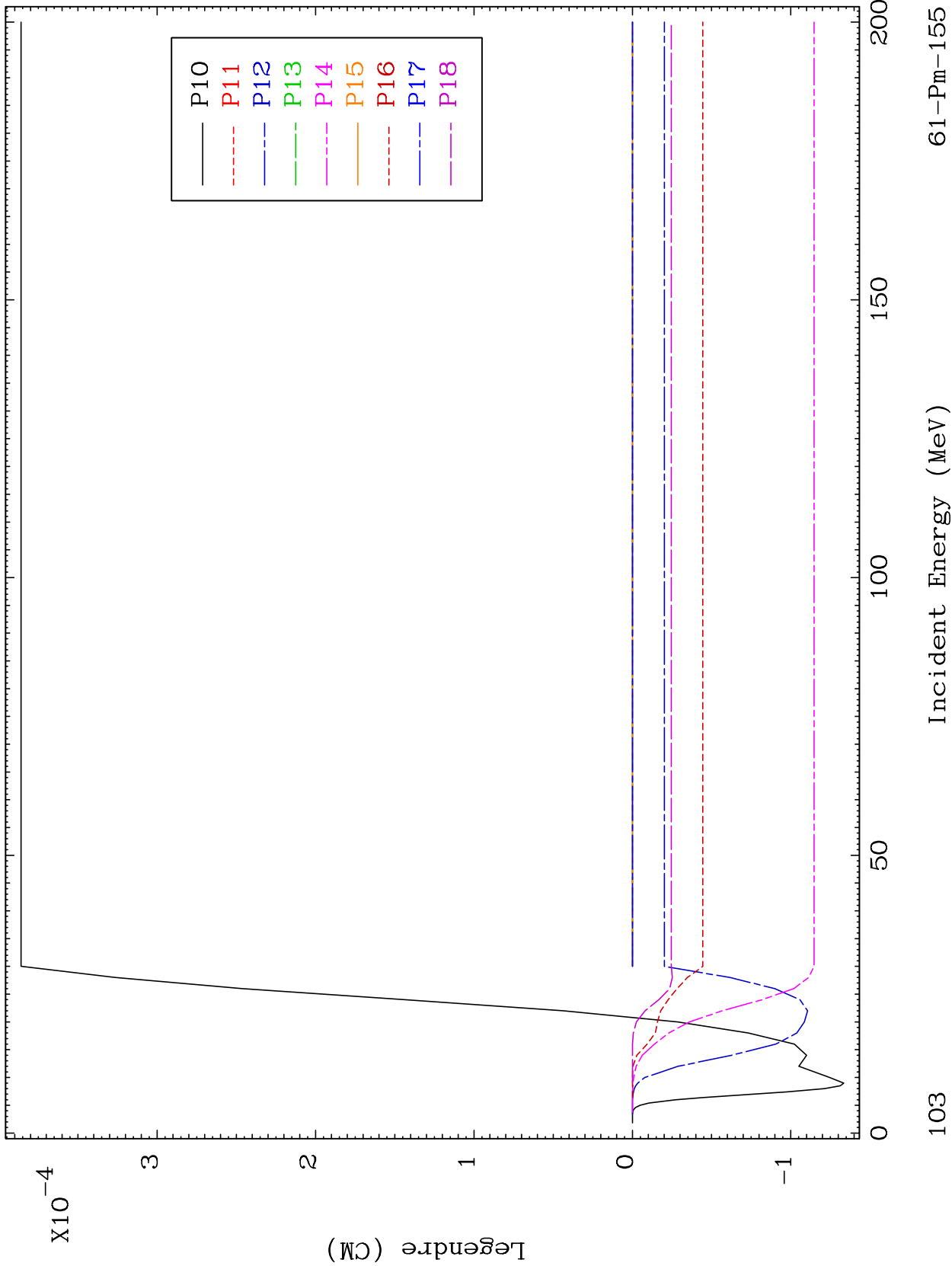




MAT 6173

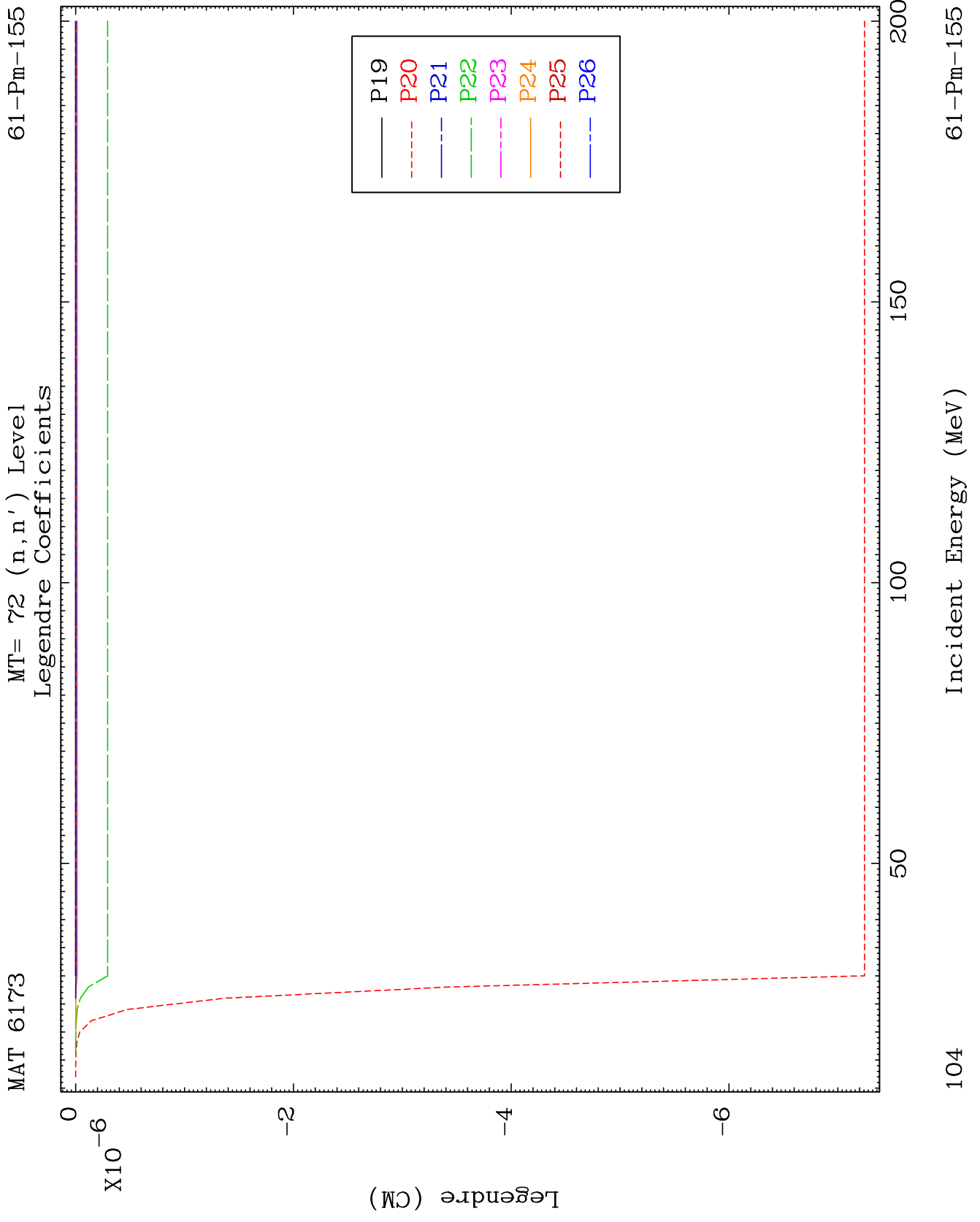
MT= 72 (n,n') Level  
Legendre Coefficients

61-Pm-155



103

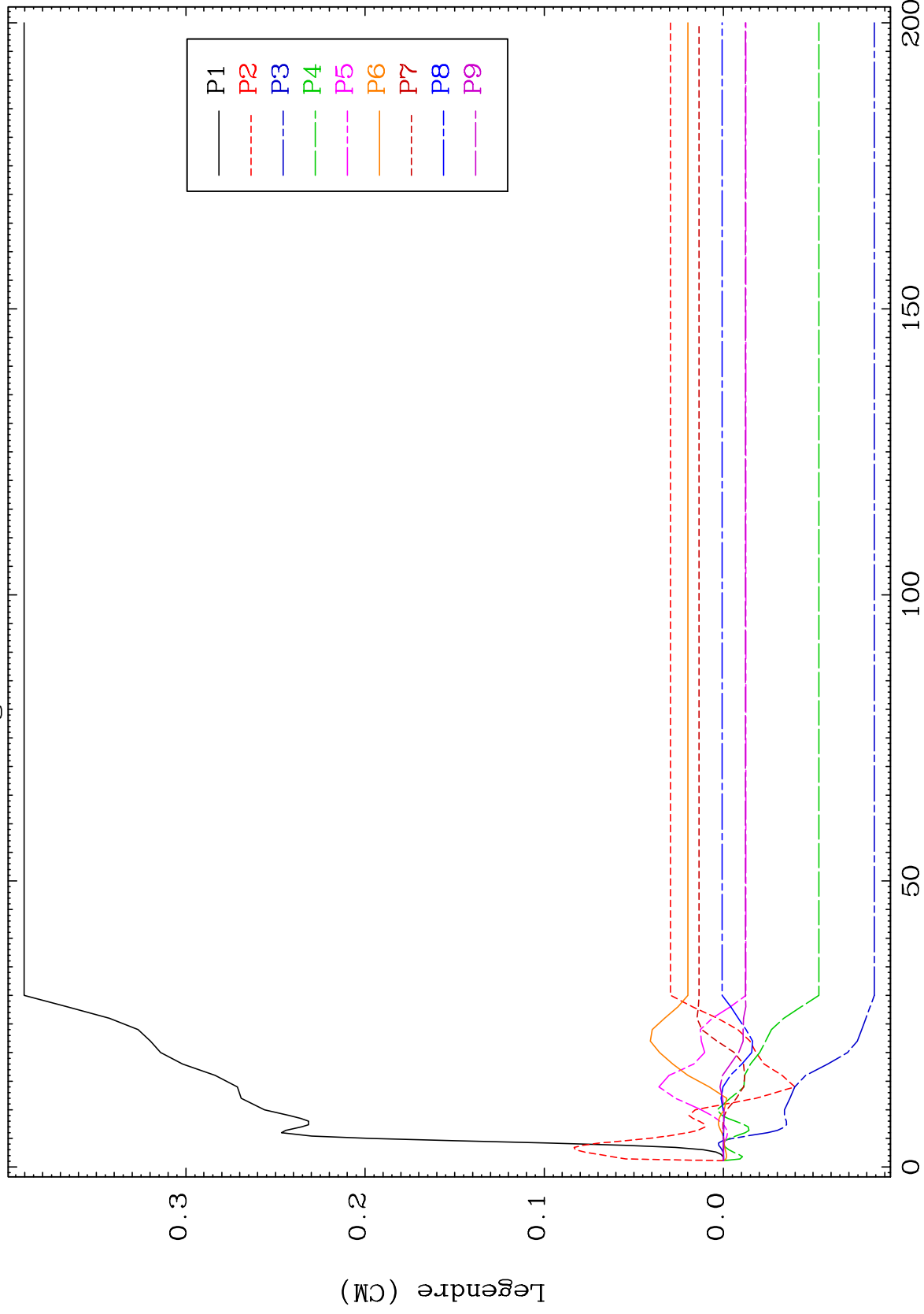
61-Pm-155



MAT 6173

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

61-Pm-155



61-Pm-155

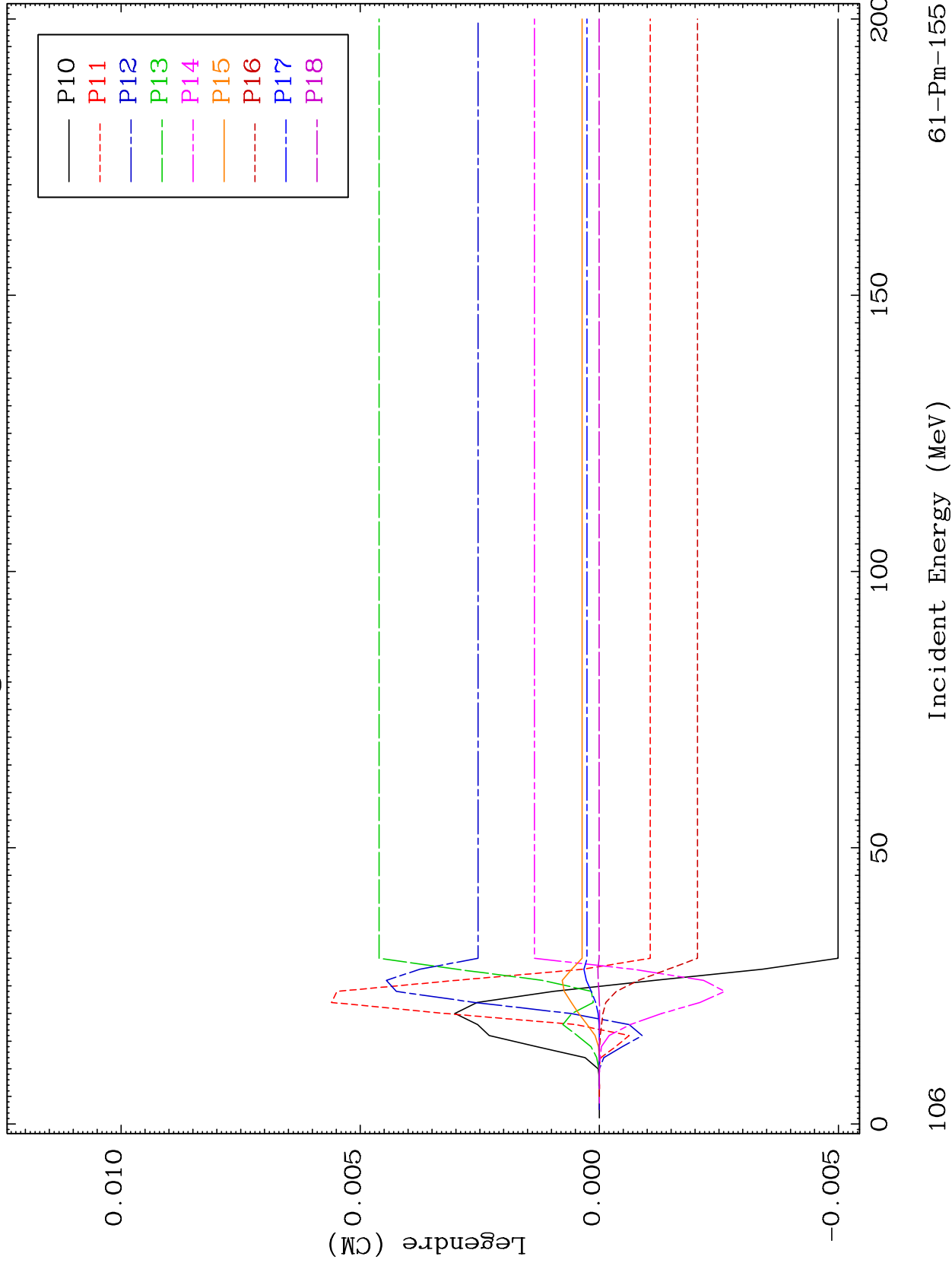
Incident Energy (MeV)

105

MAT 6173

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

61-Pm-155



61-Pm-155

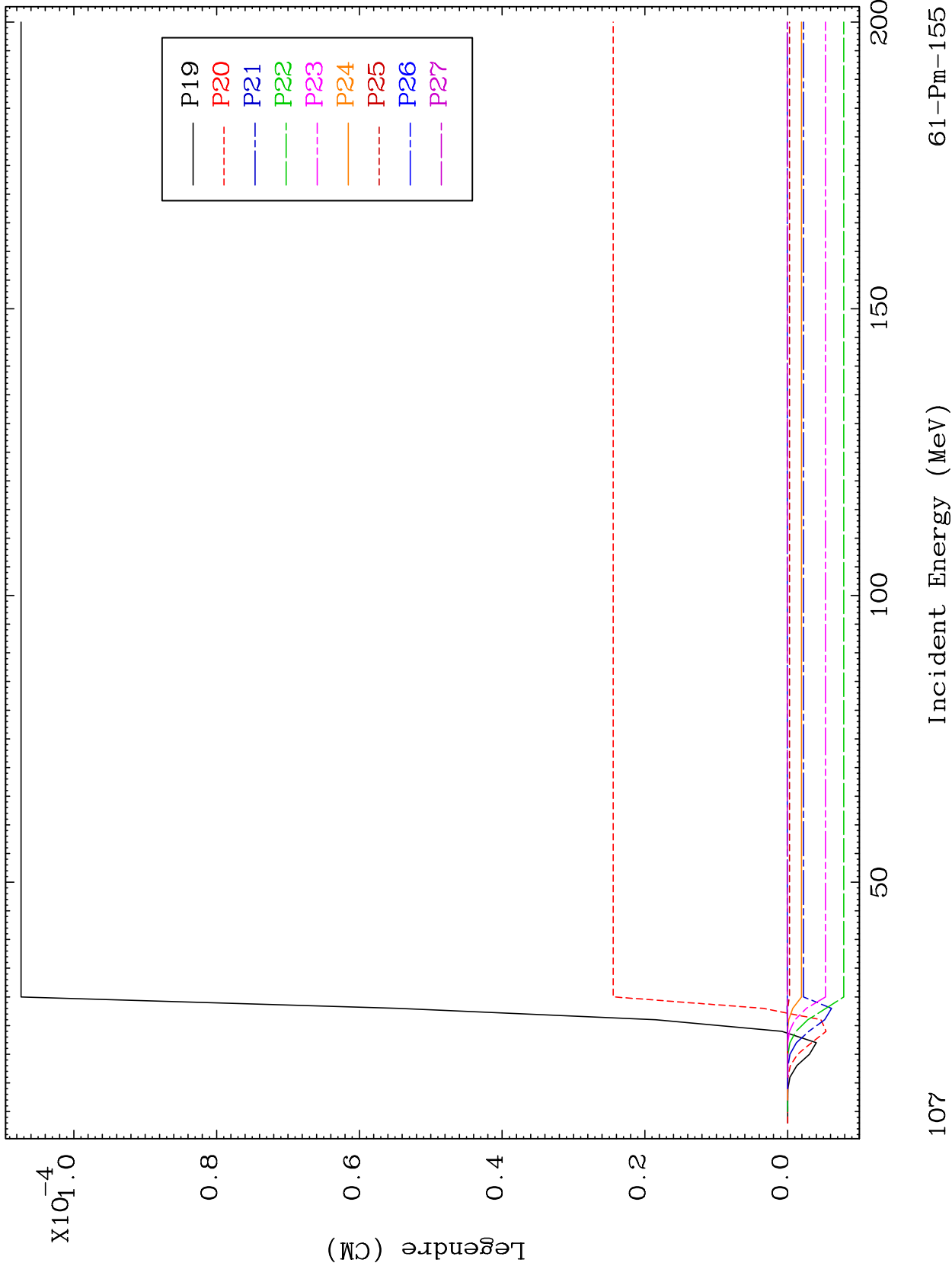
Incident Energy (MeV)

106

MAT 6173

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

61-Pm-155



107

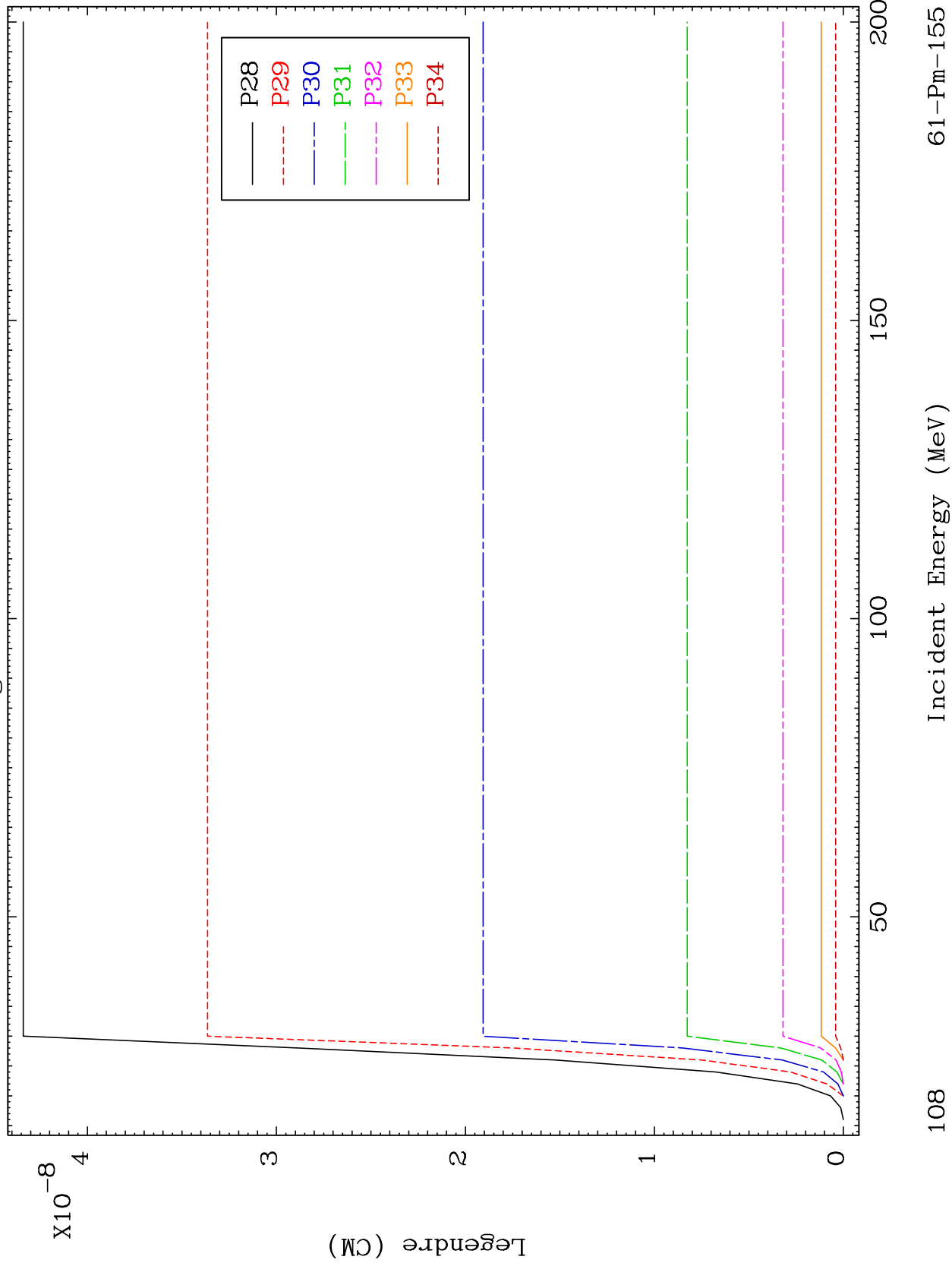
Incident Energy (MeV)

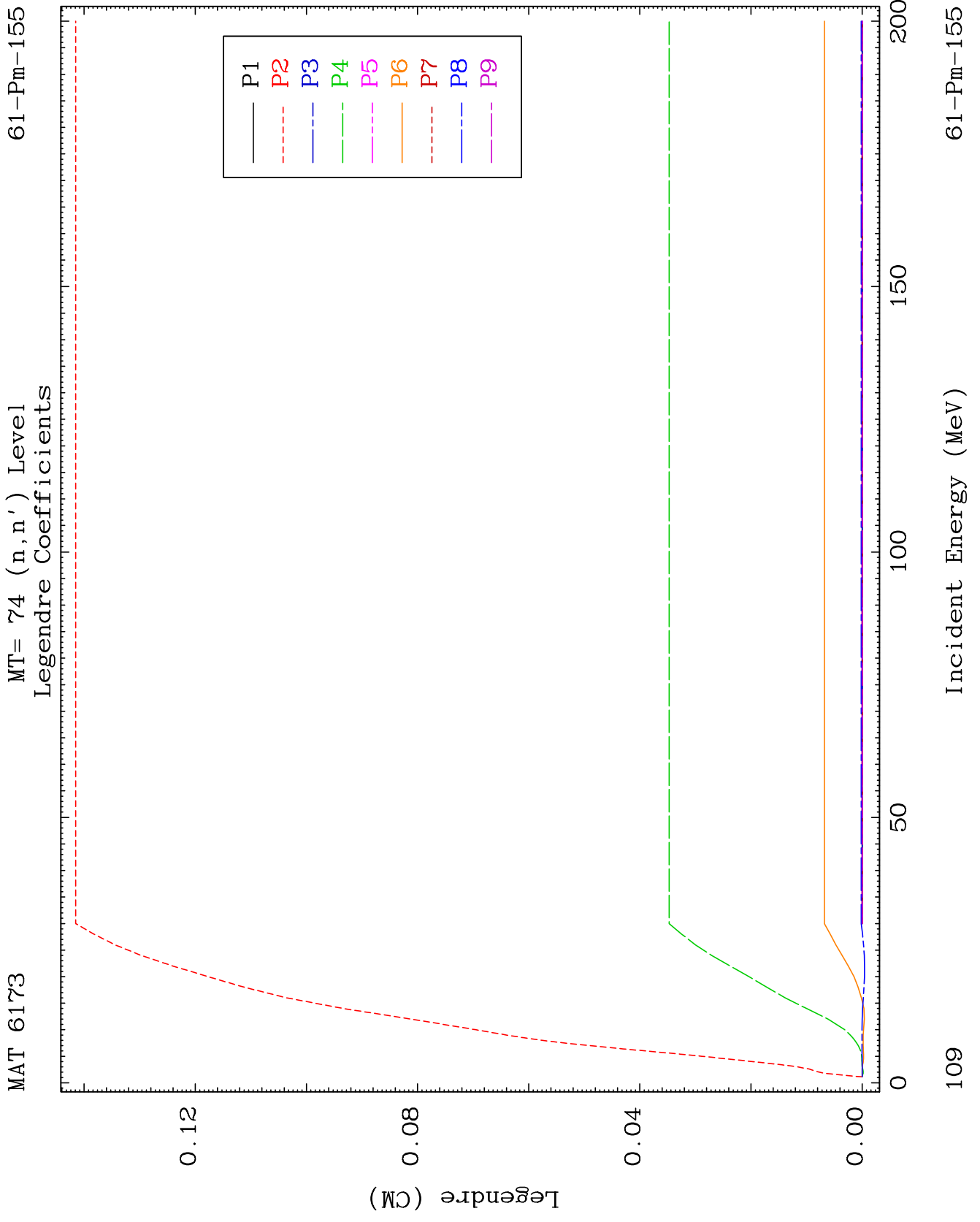
61-Pm-155

MAT 6173

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

61-Pm-155

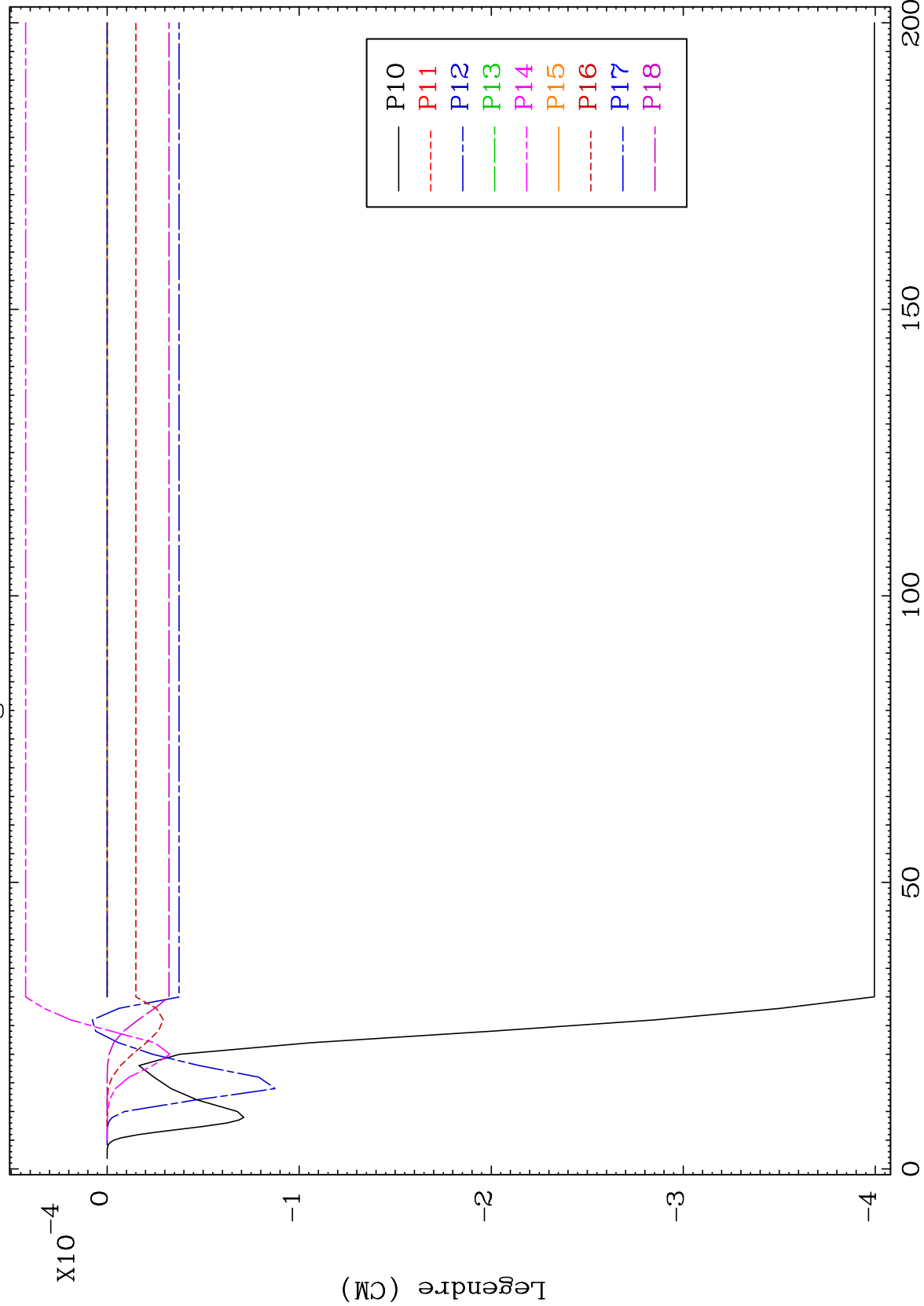




MAT 6173

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

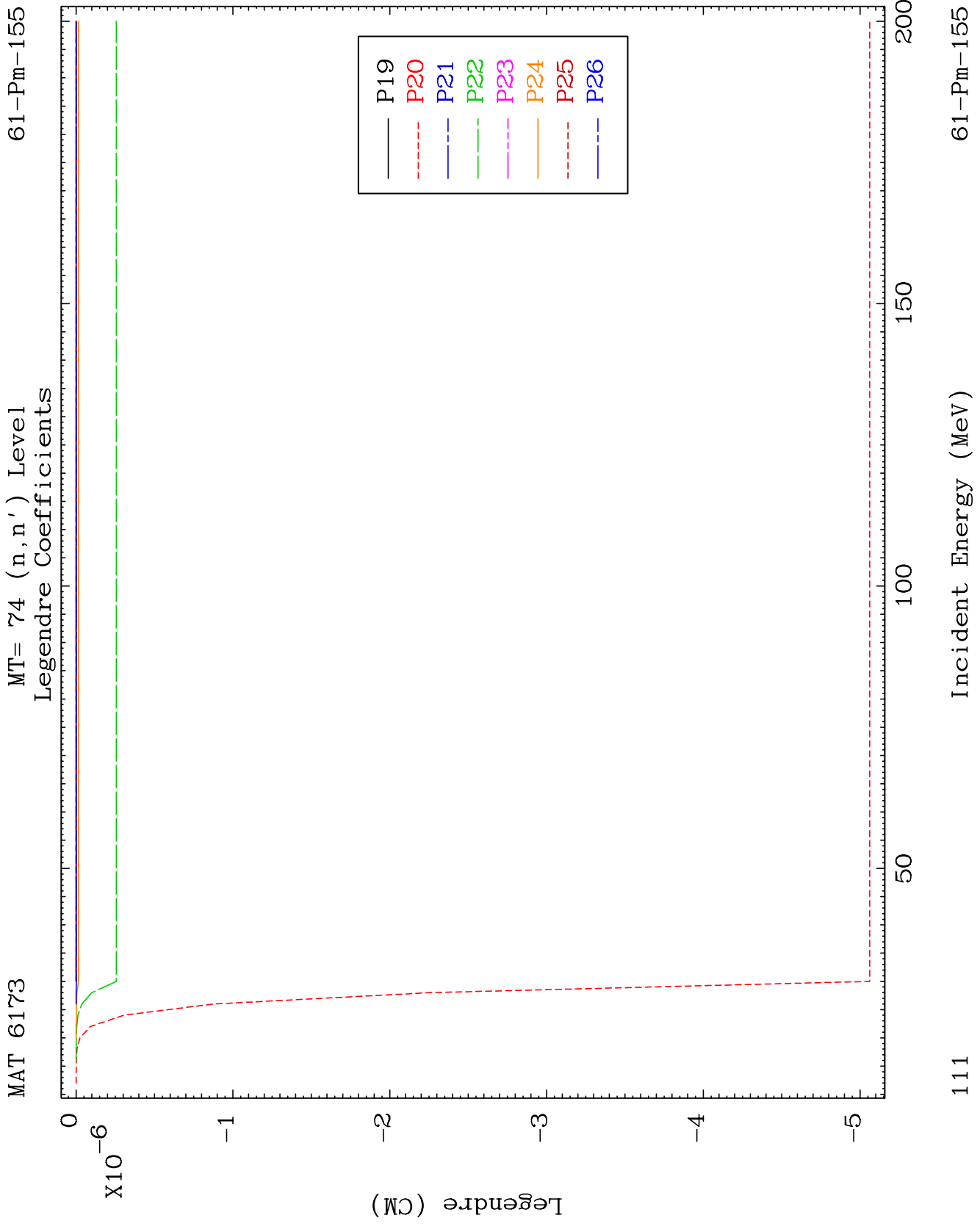
61-Pm-155



110

Incident Energy (MeV)

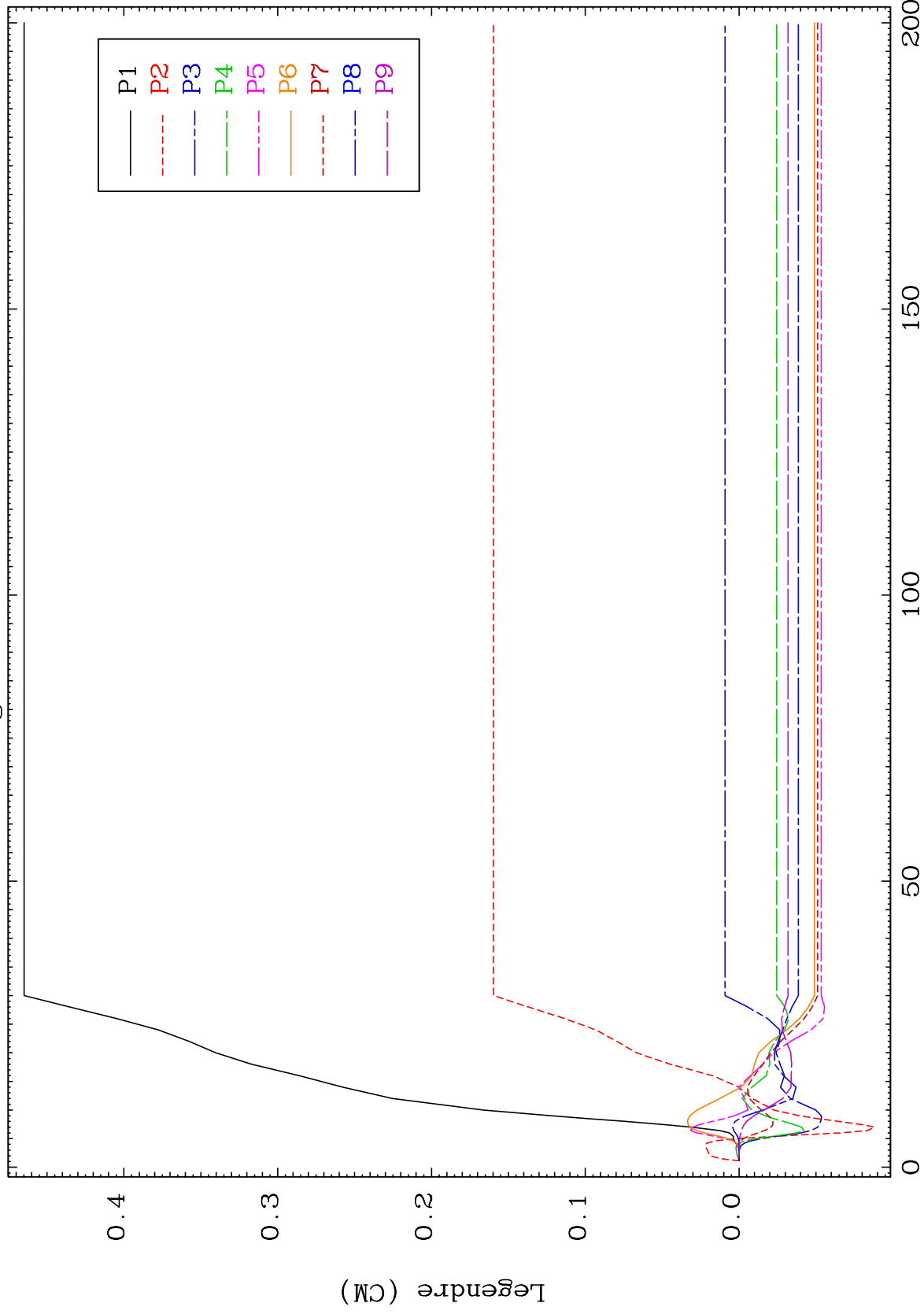
61-Pm-155



MAT 6173

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

61-Pm-155



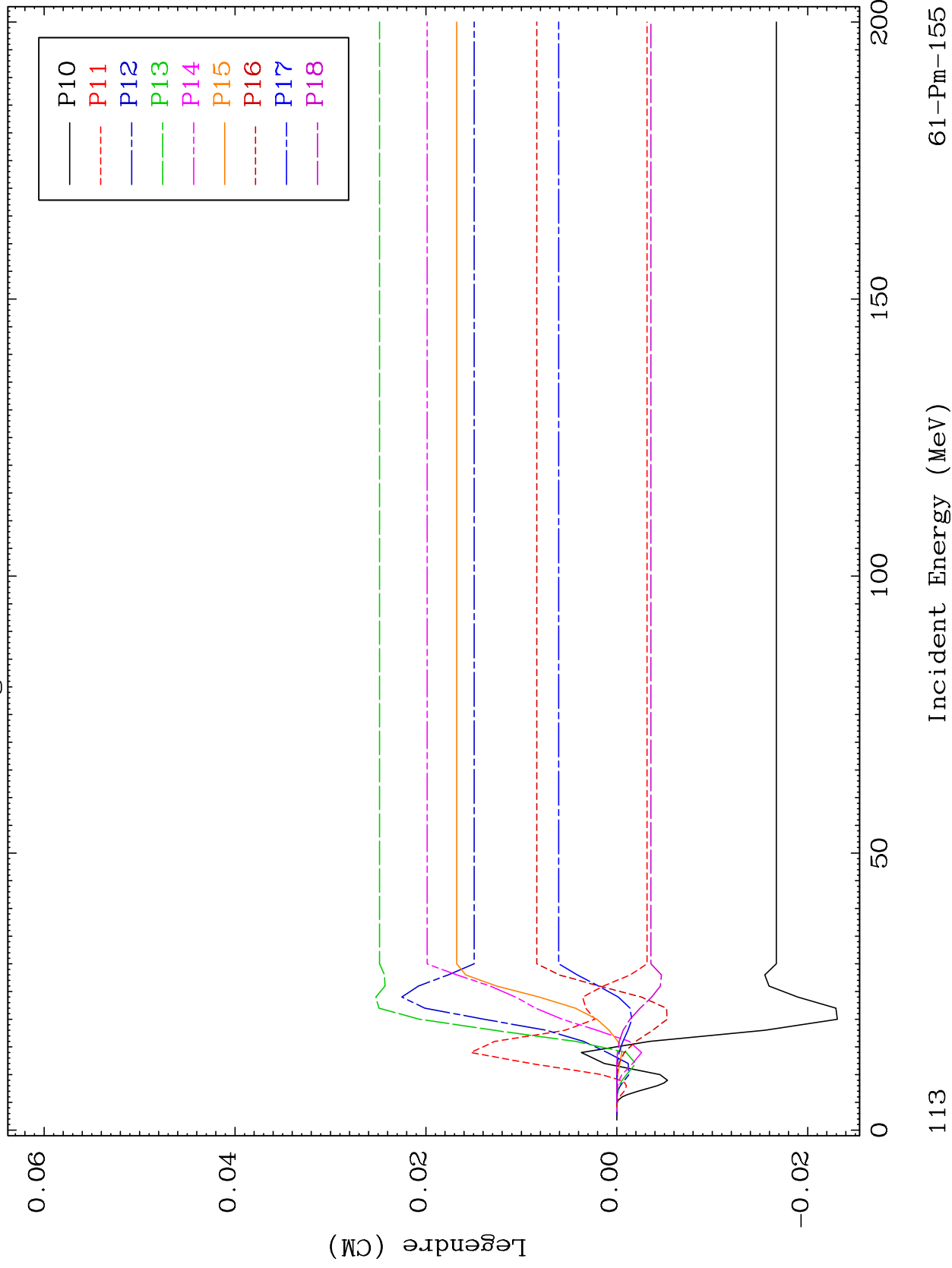
112

61-Pm-155

MAT 6173

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

61-Pm-155



113

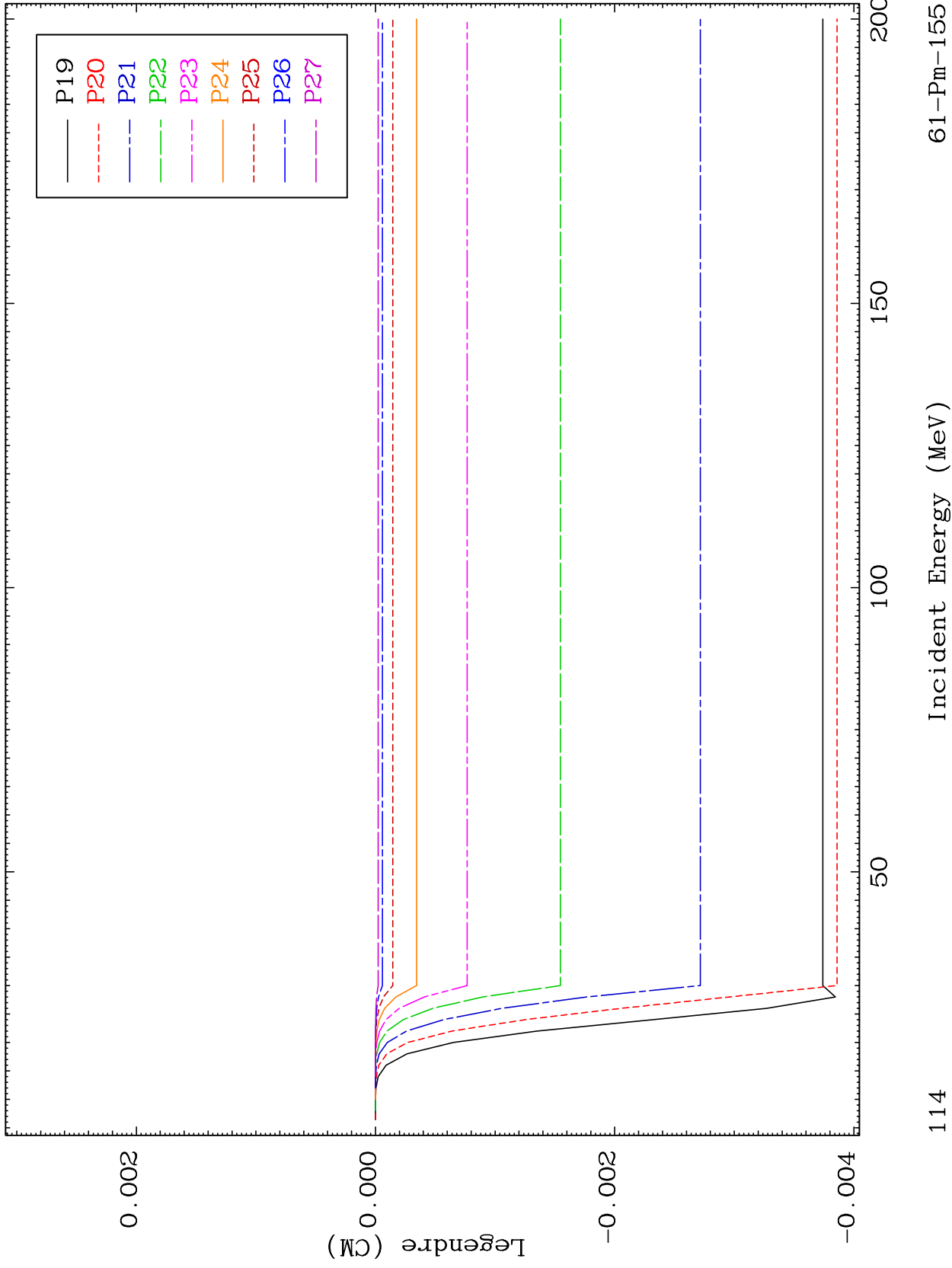
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

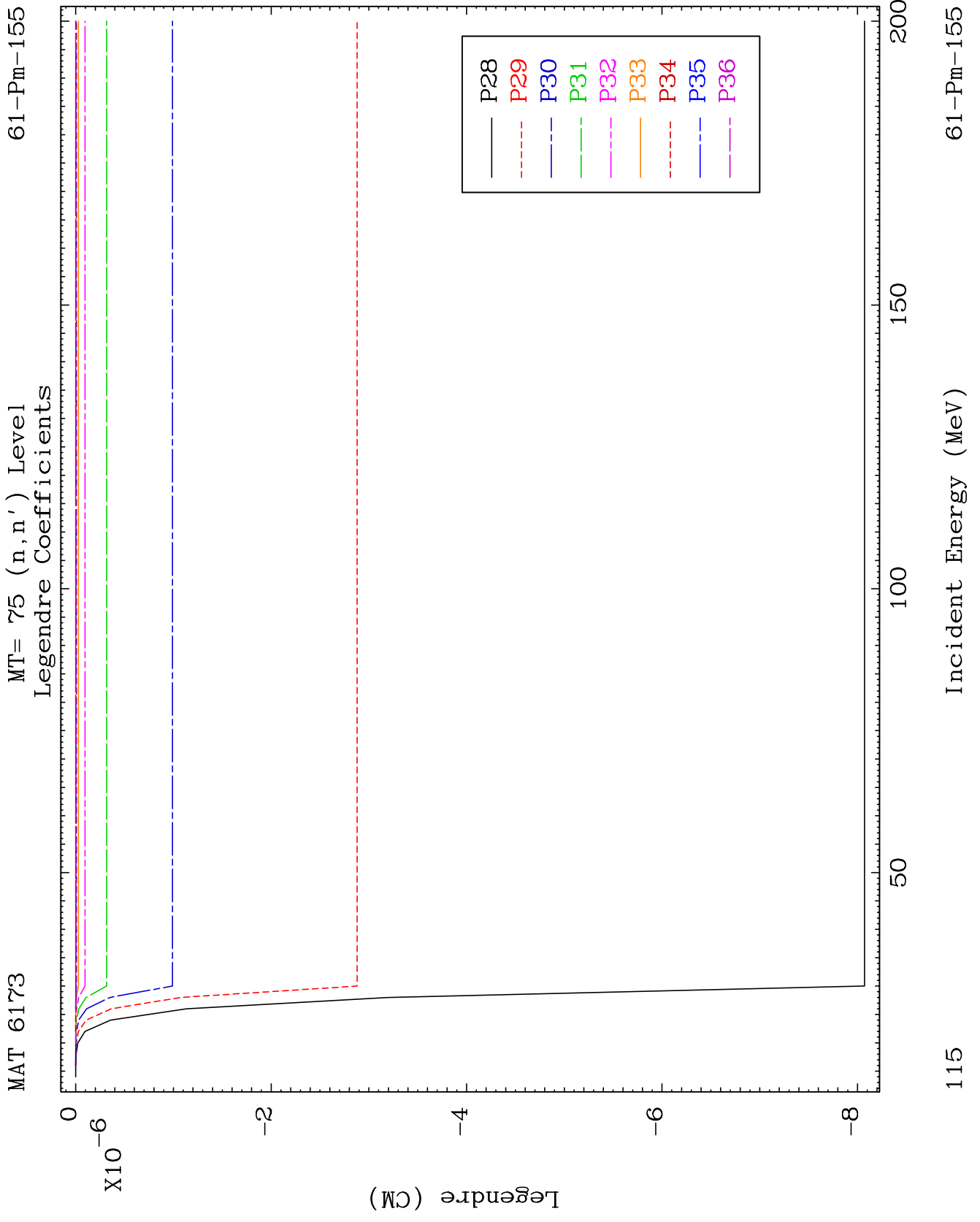
61-Pm-155

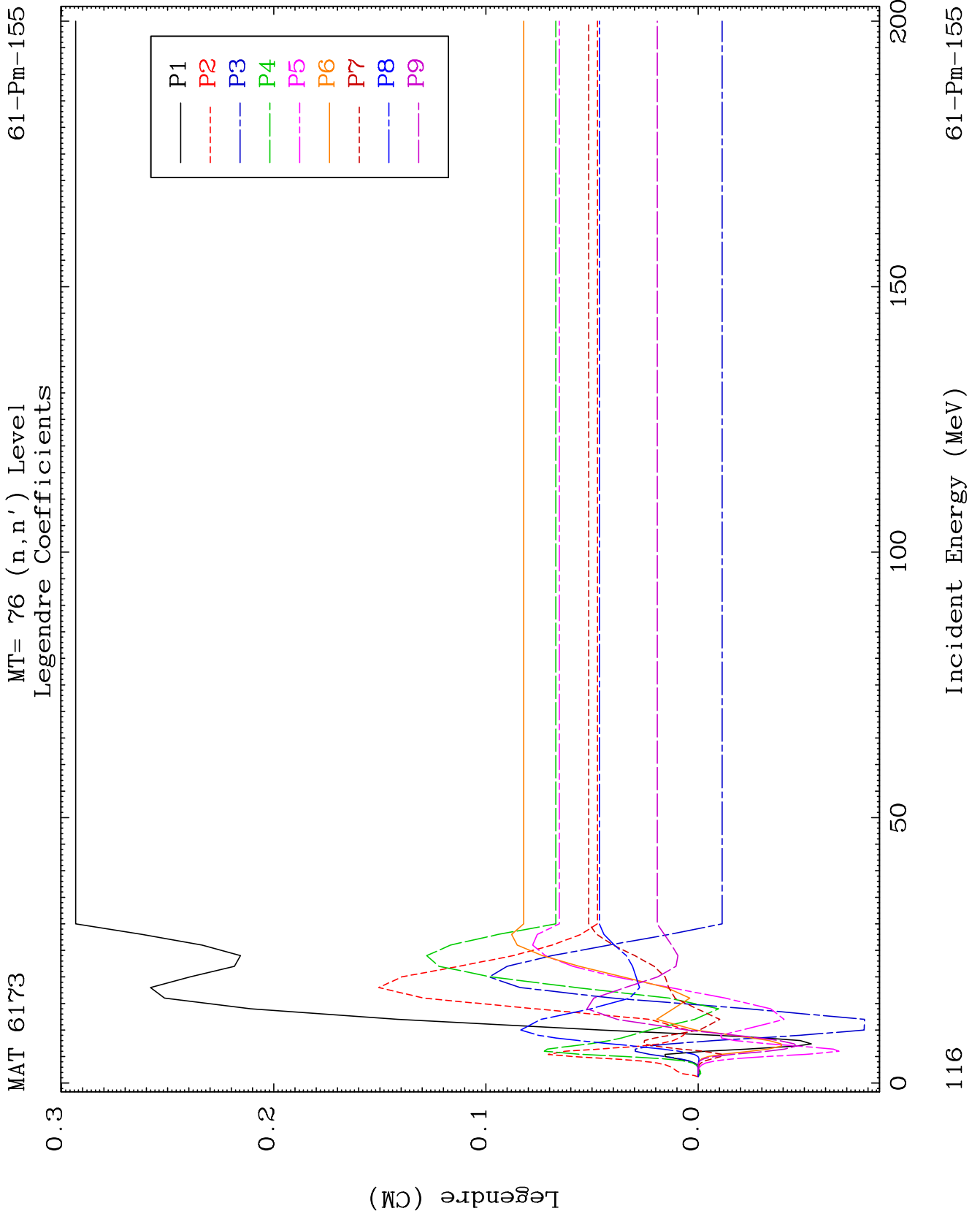


114

Incident Energy (MeV)

61-Pm-155

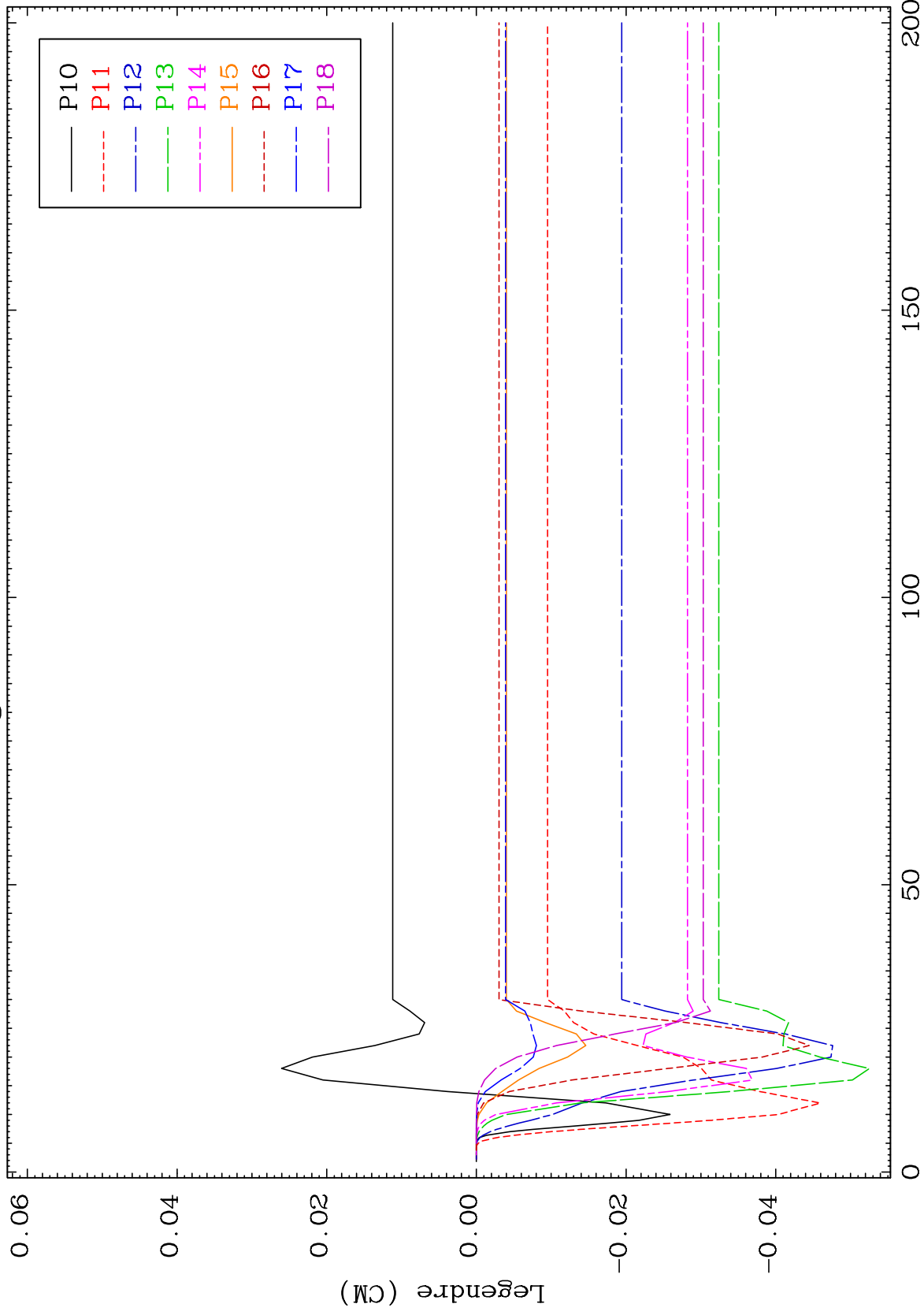




MAT 6173

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

61-Pm-155



117

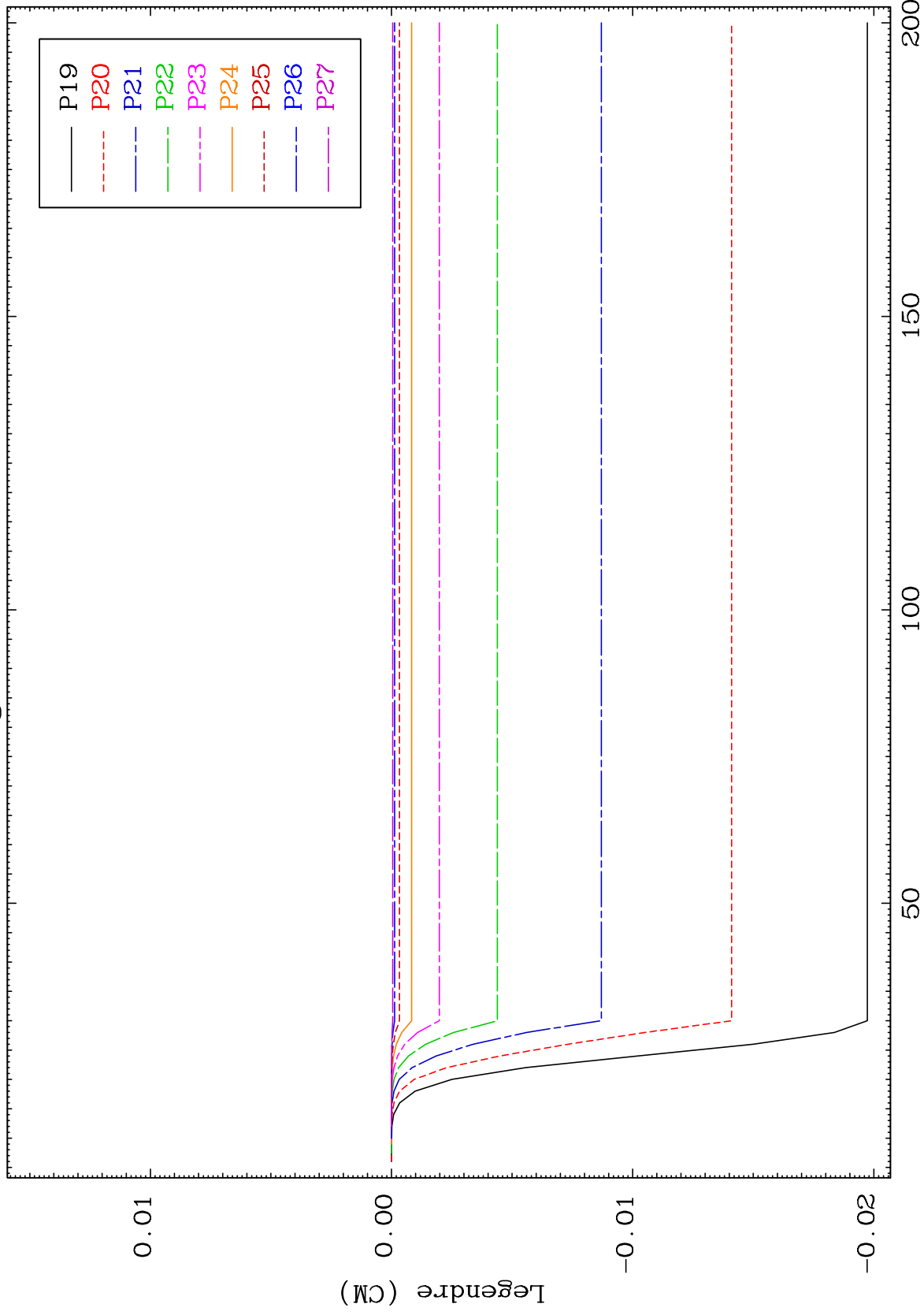
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



118

Incident Energy (MeV)

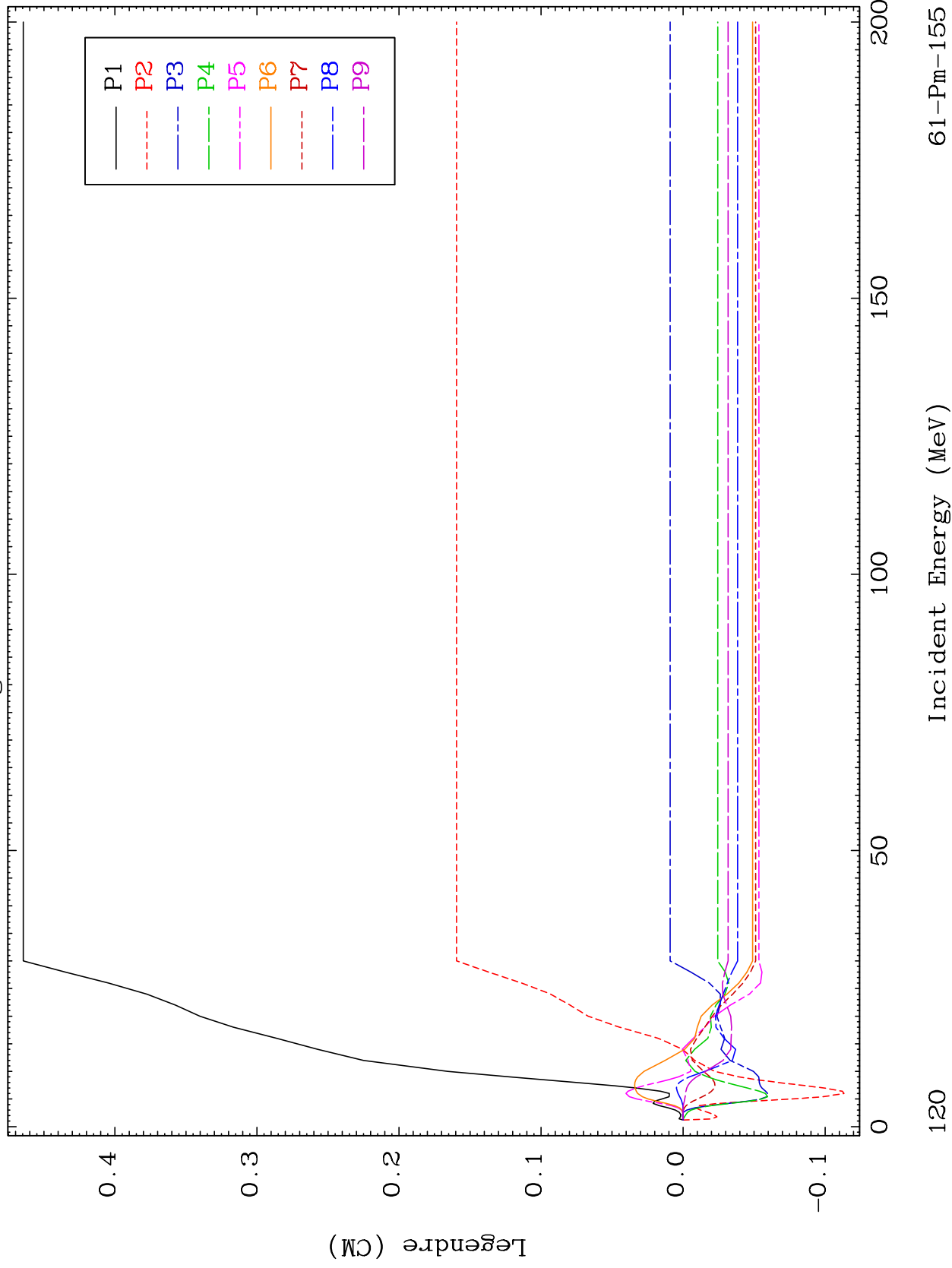
61-Pm-155



MAT 6173

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

61-Pm-155

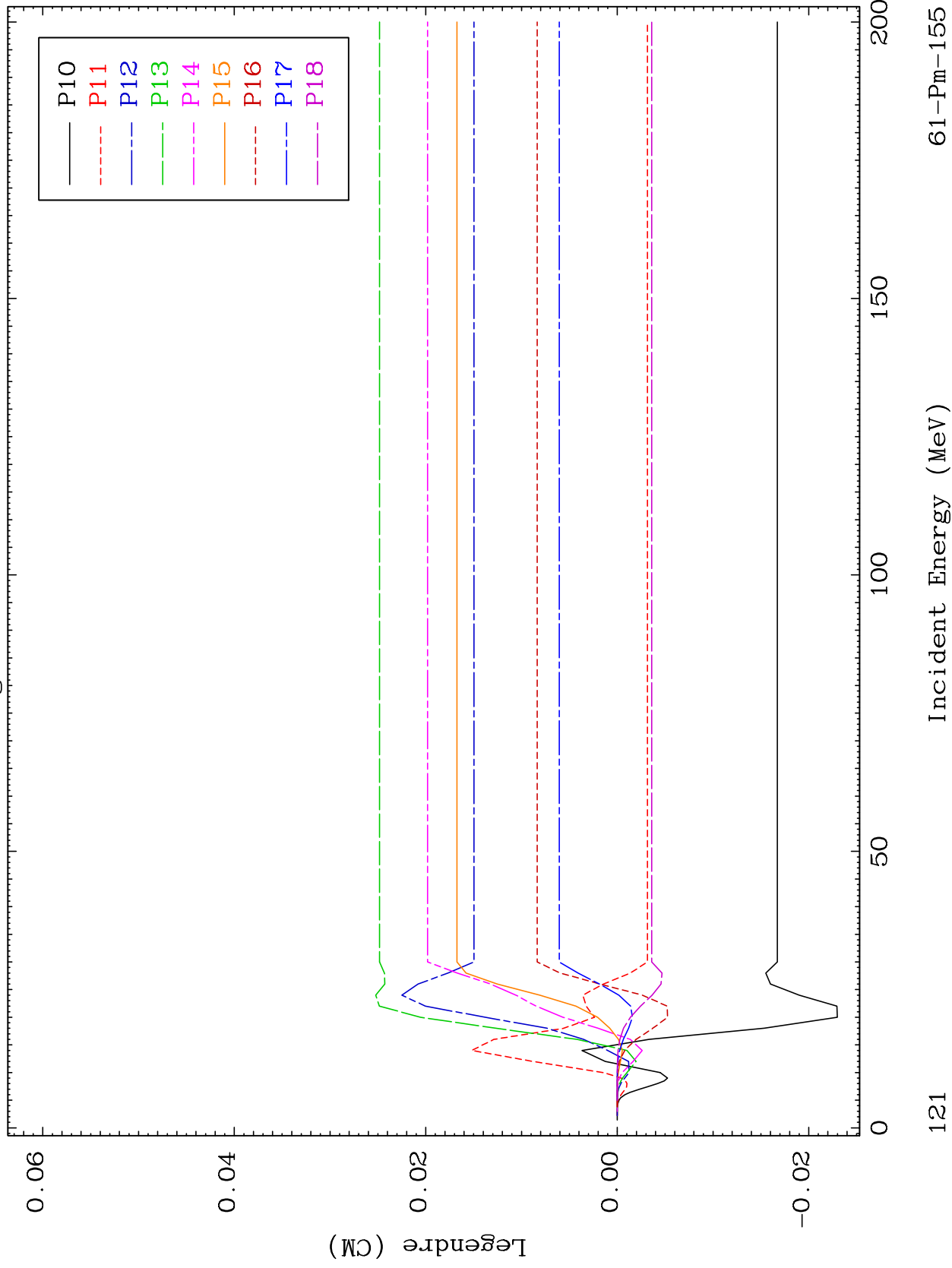


61-Pm-155

MAT 6173

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

61-Pm-155



121

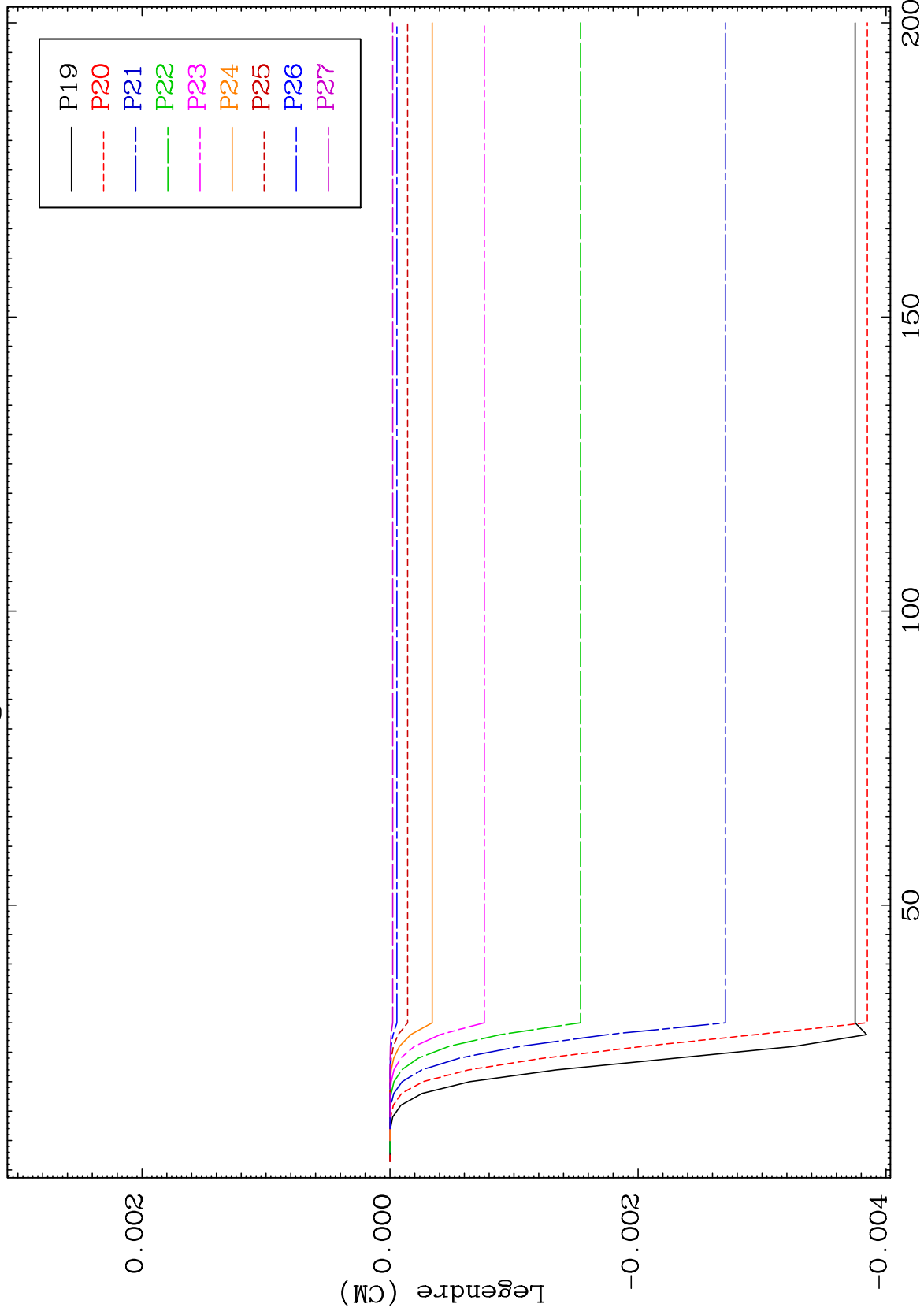
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

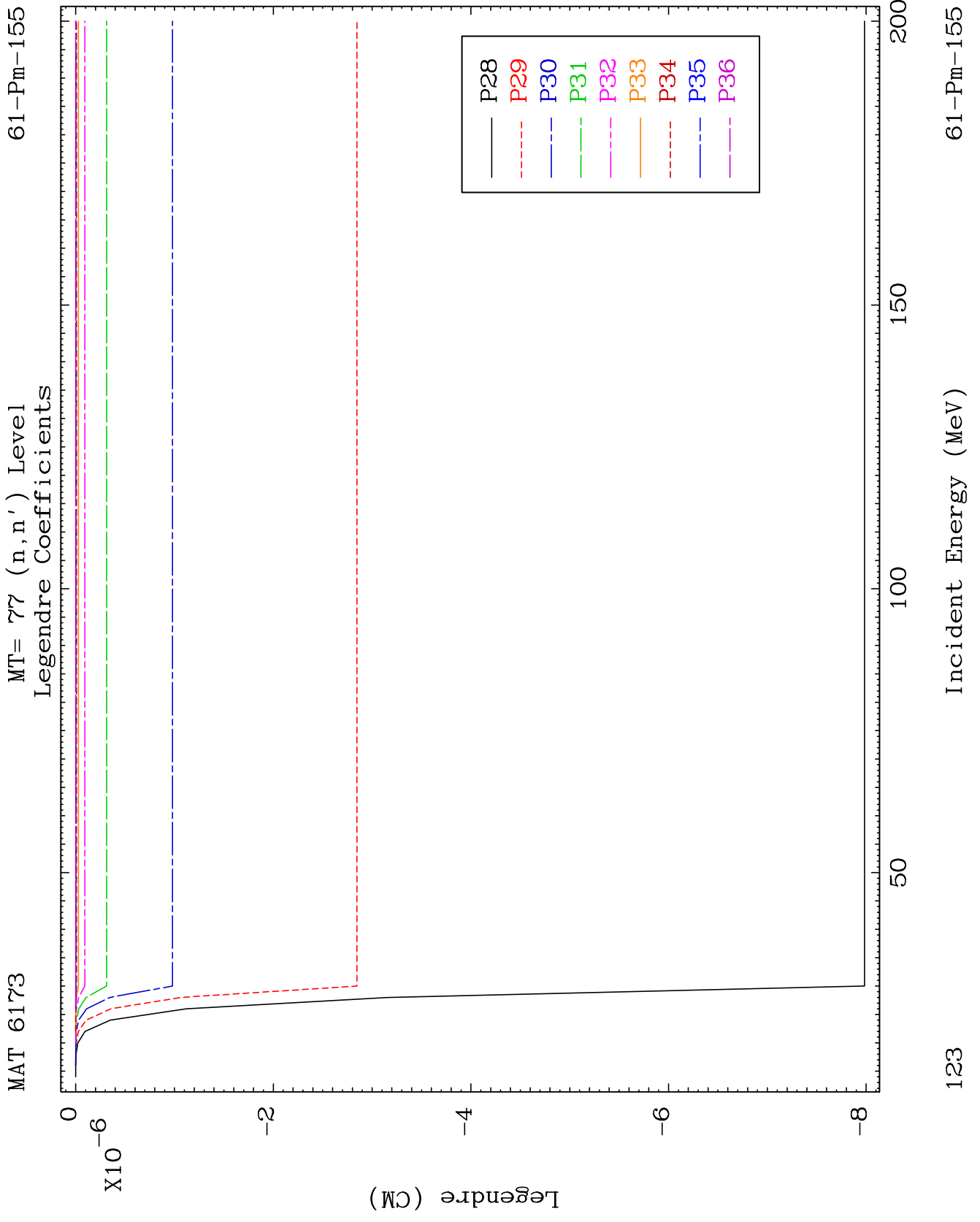
61-Pm-155



122

Incident Energy (MeV)

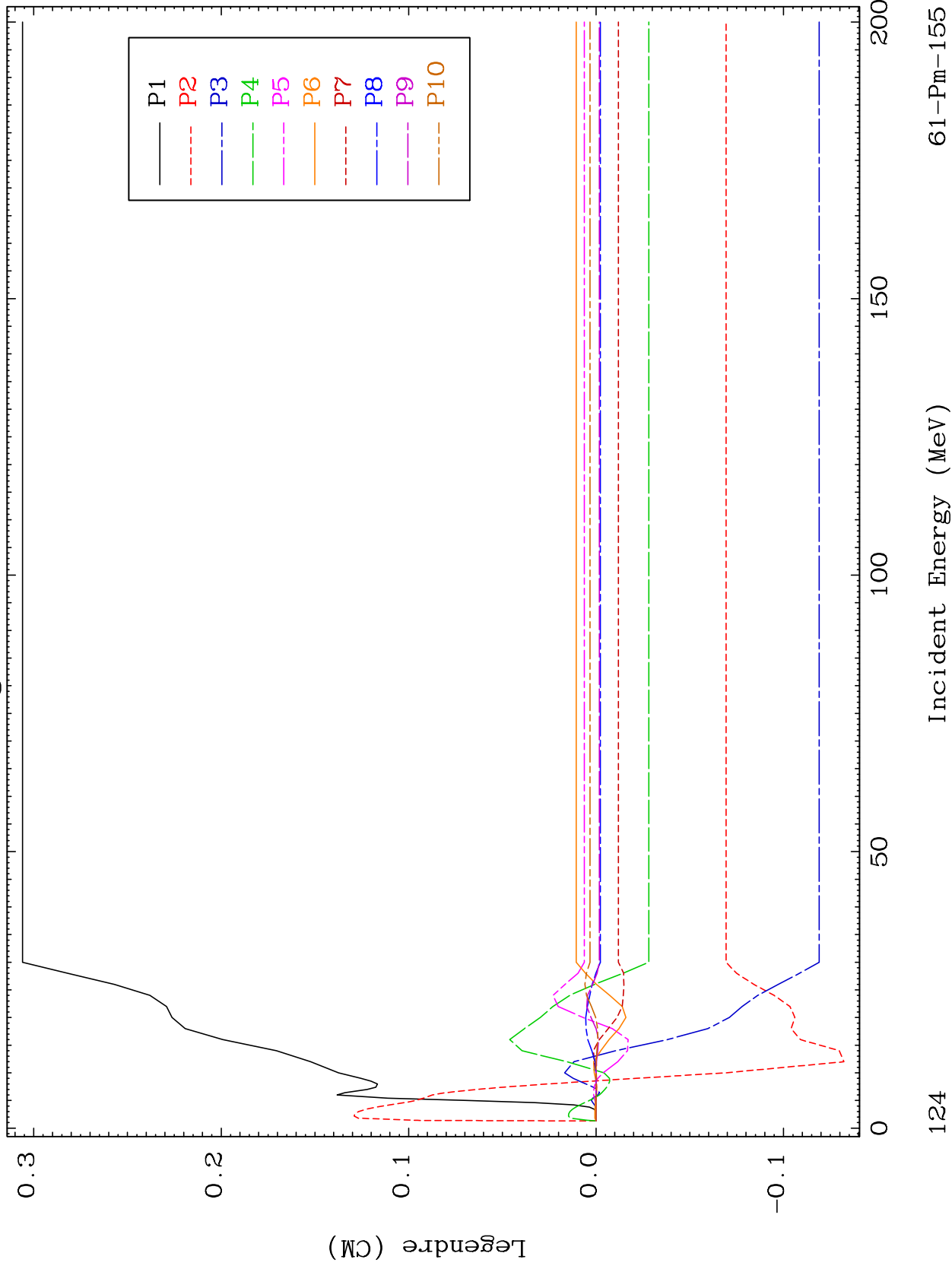
61-Pm-155



MAT 6173

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

61-Pm-155



124

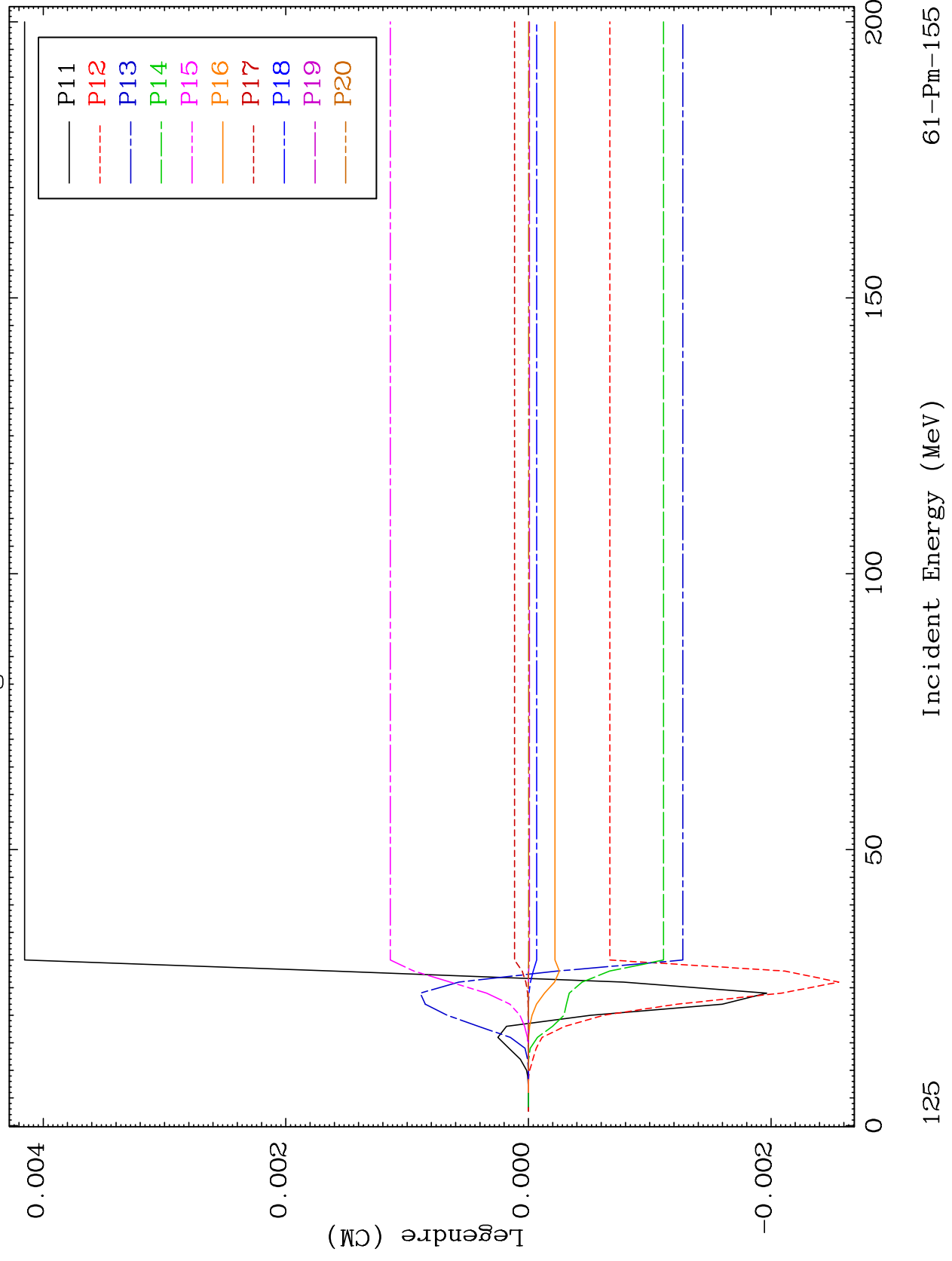
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



61-Pm-155

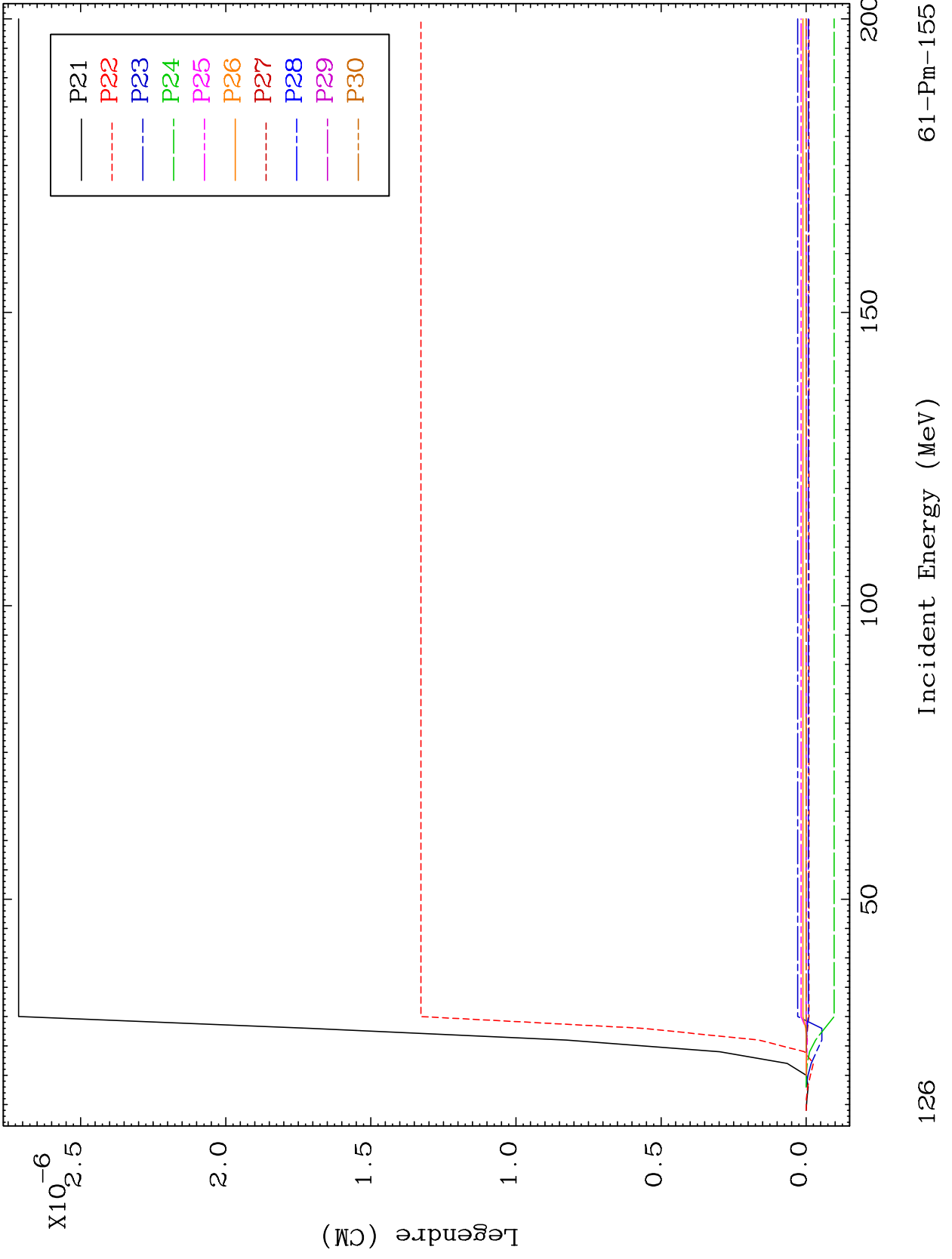
Incident Energy (MeV)

125

MAT 6173

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

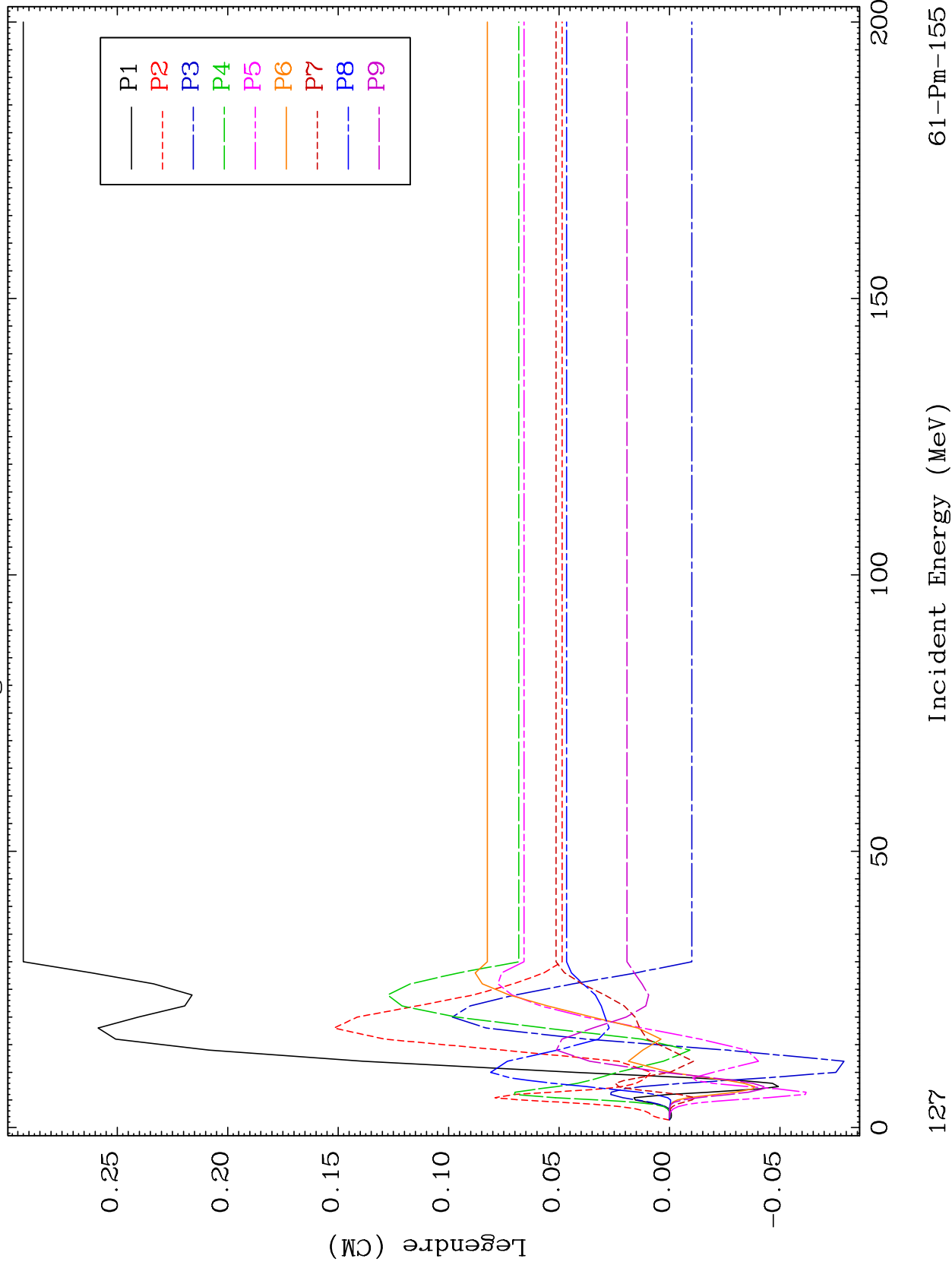
61-Pm-155



MAT 6173

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

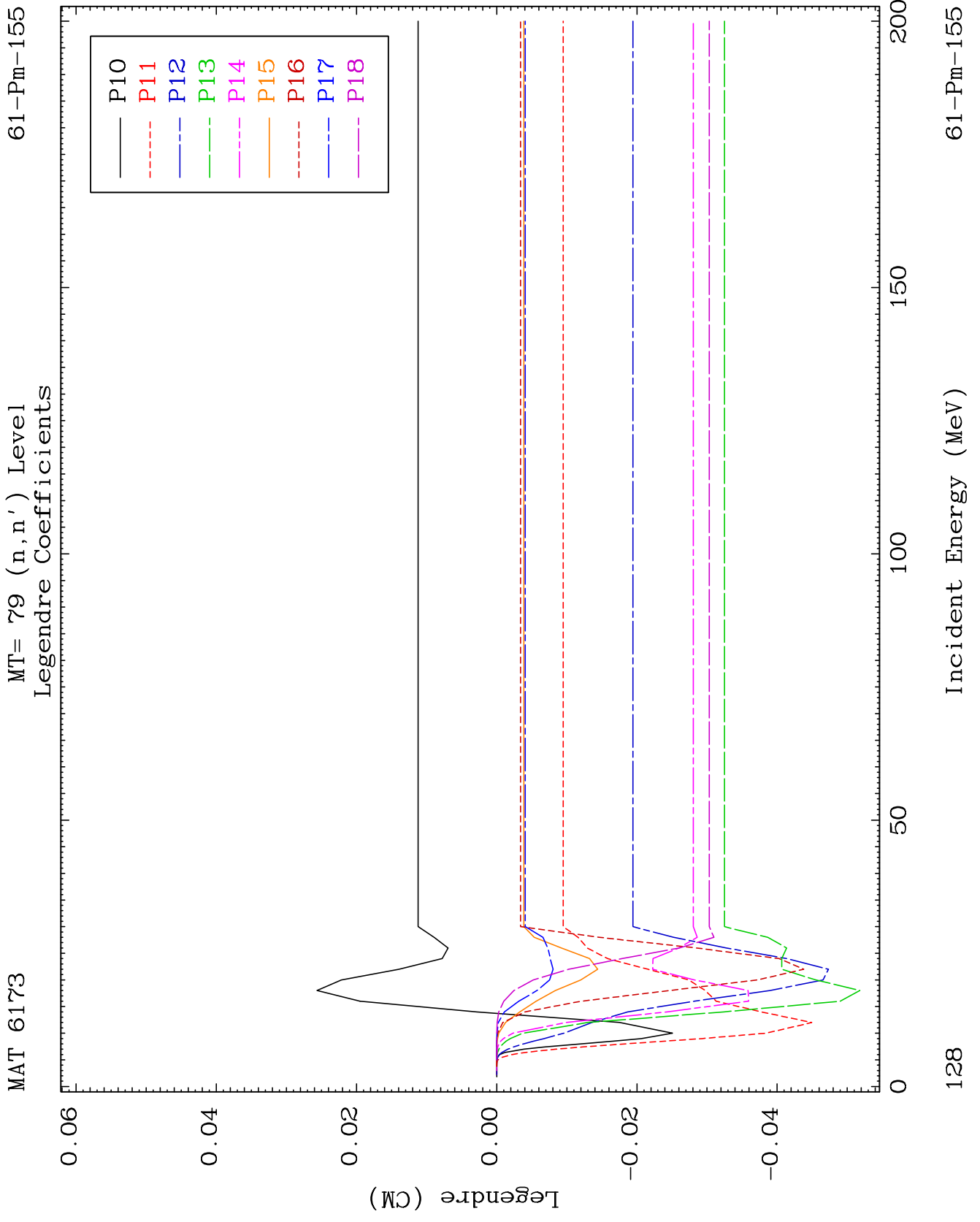
61-Pm-155



61-Pm-155

Incident Energy (MeV)

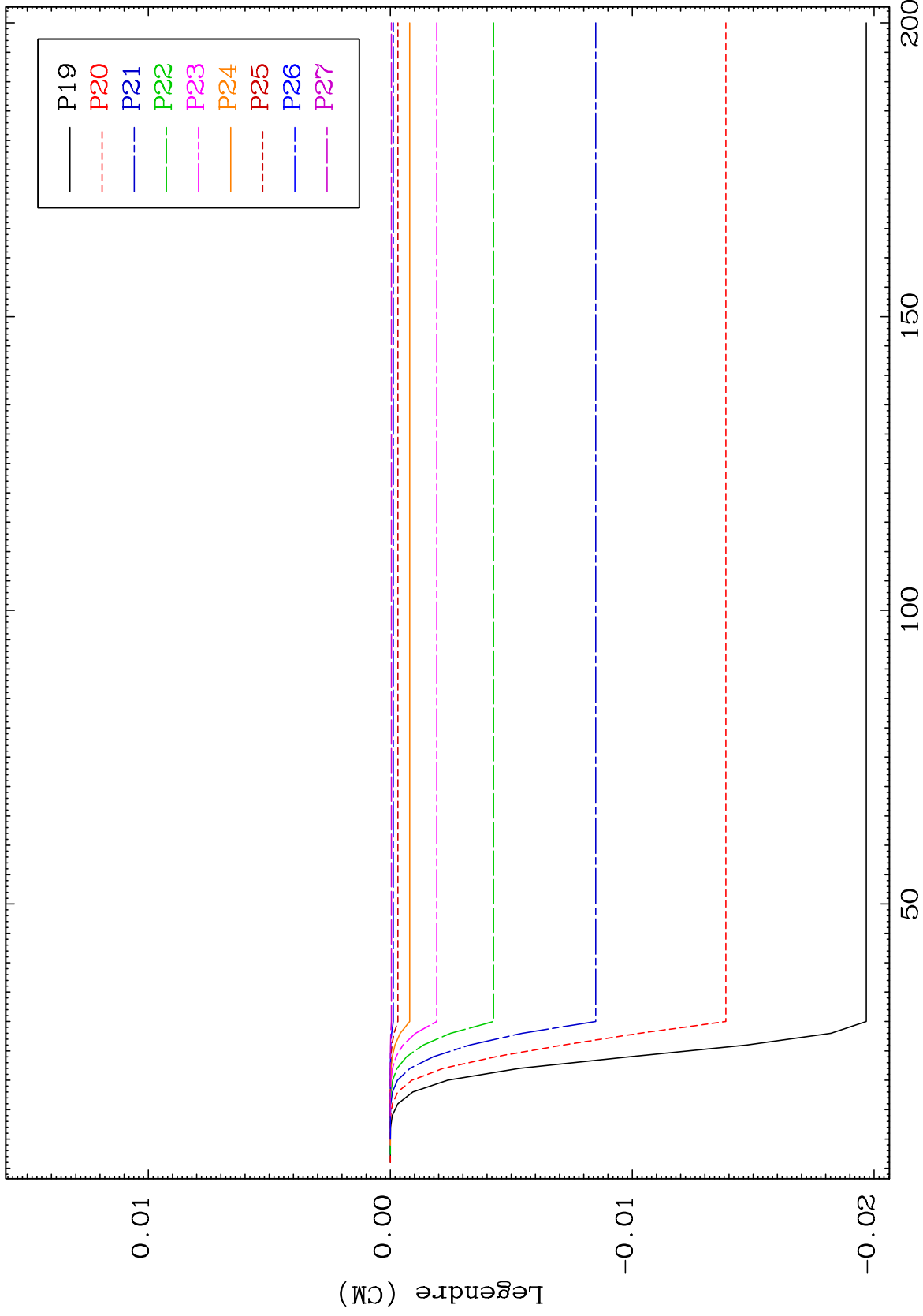
127



MAT 6173

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

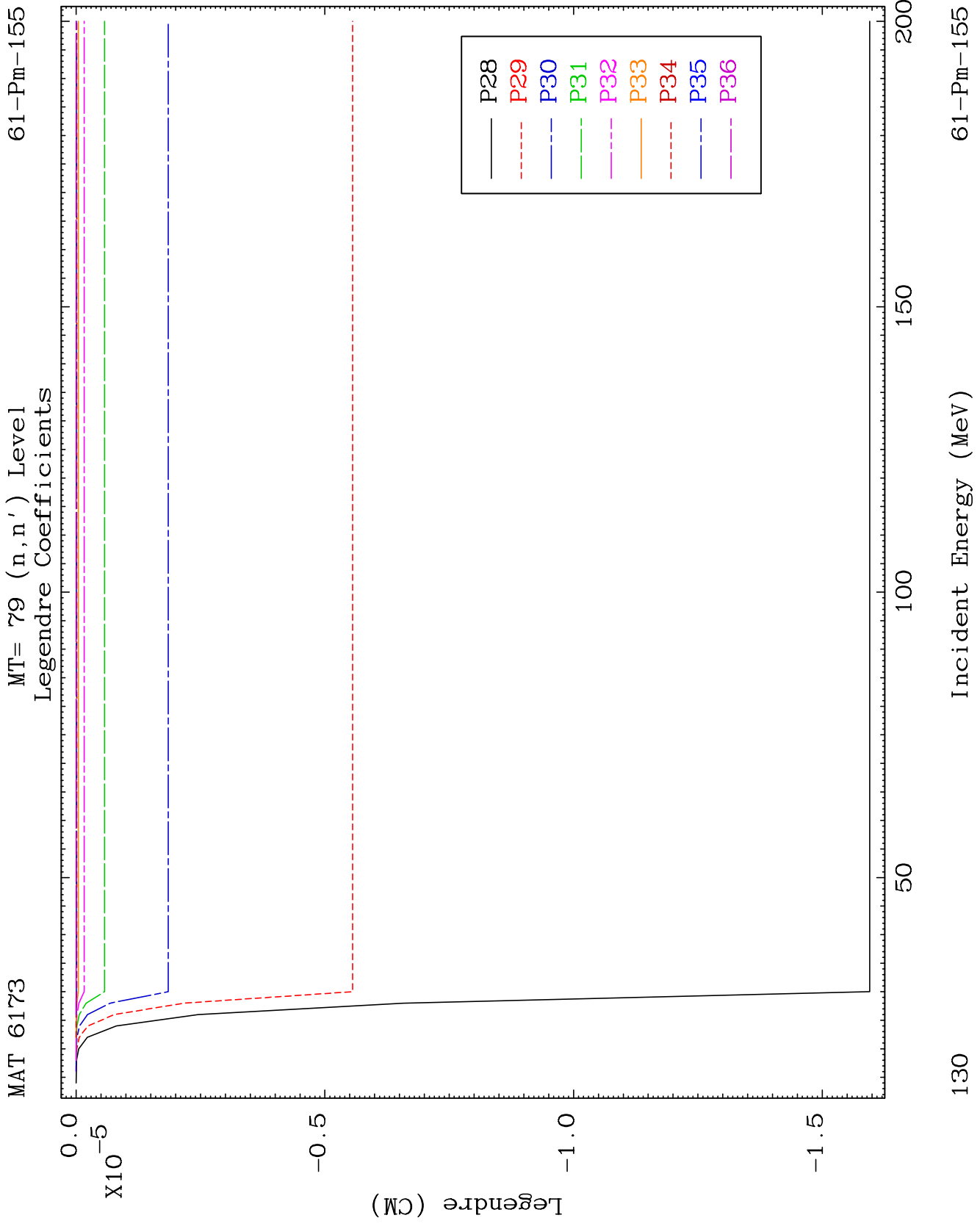
61-Pm-155



129

Incident Energy (MeV)

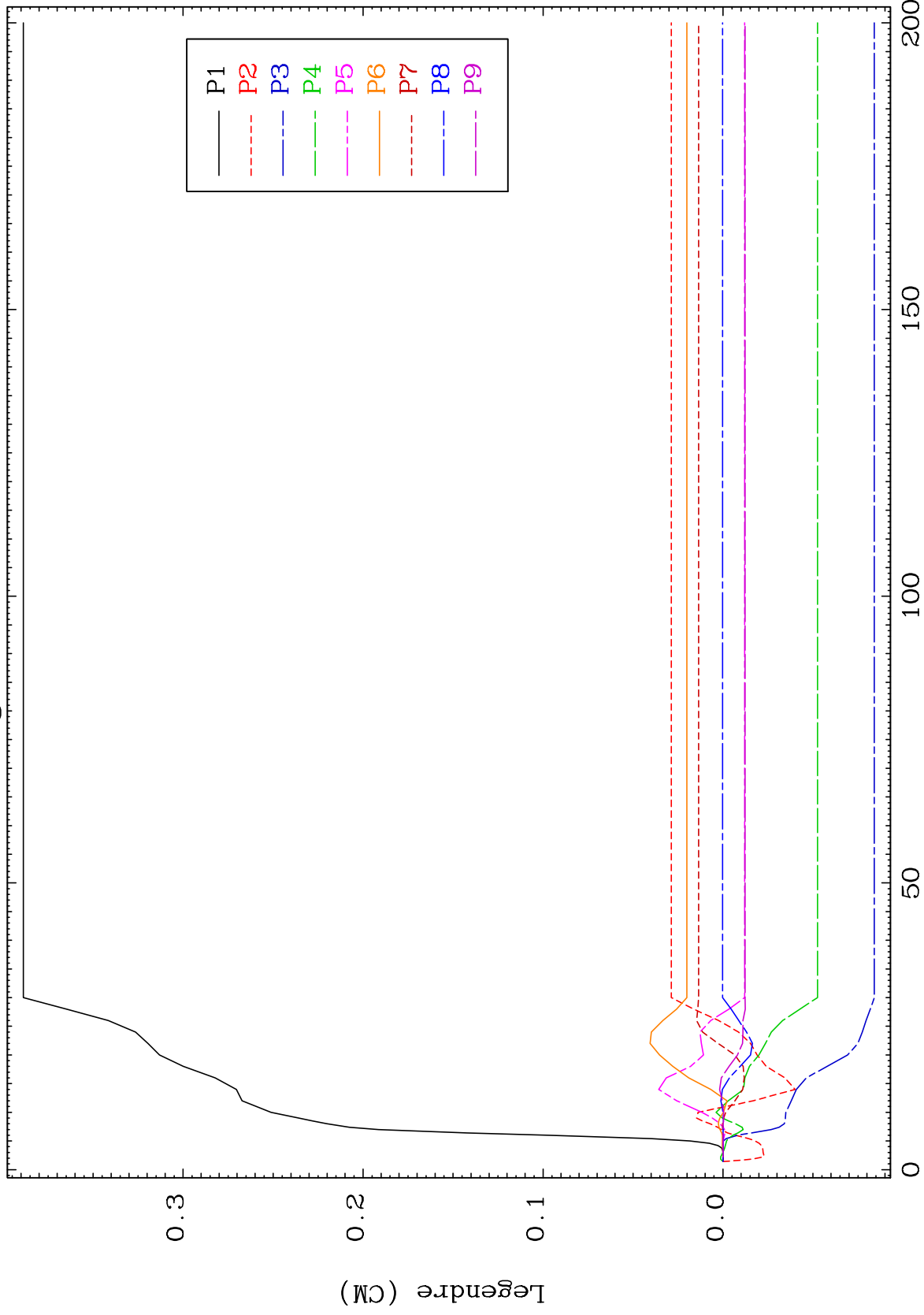
61-Pm-155



MAT 6173

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

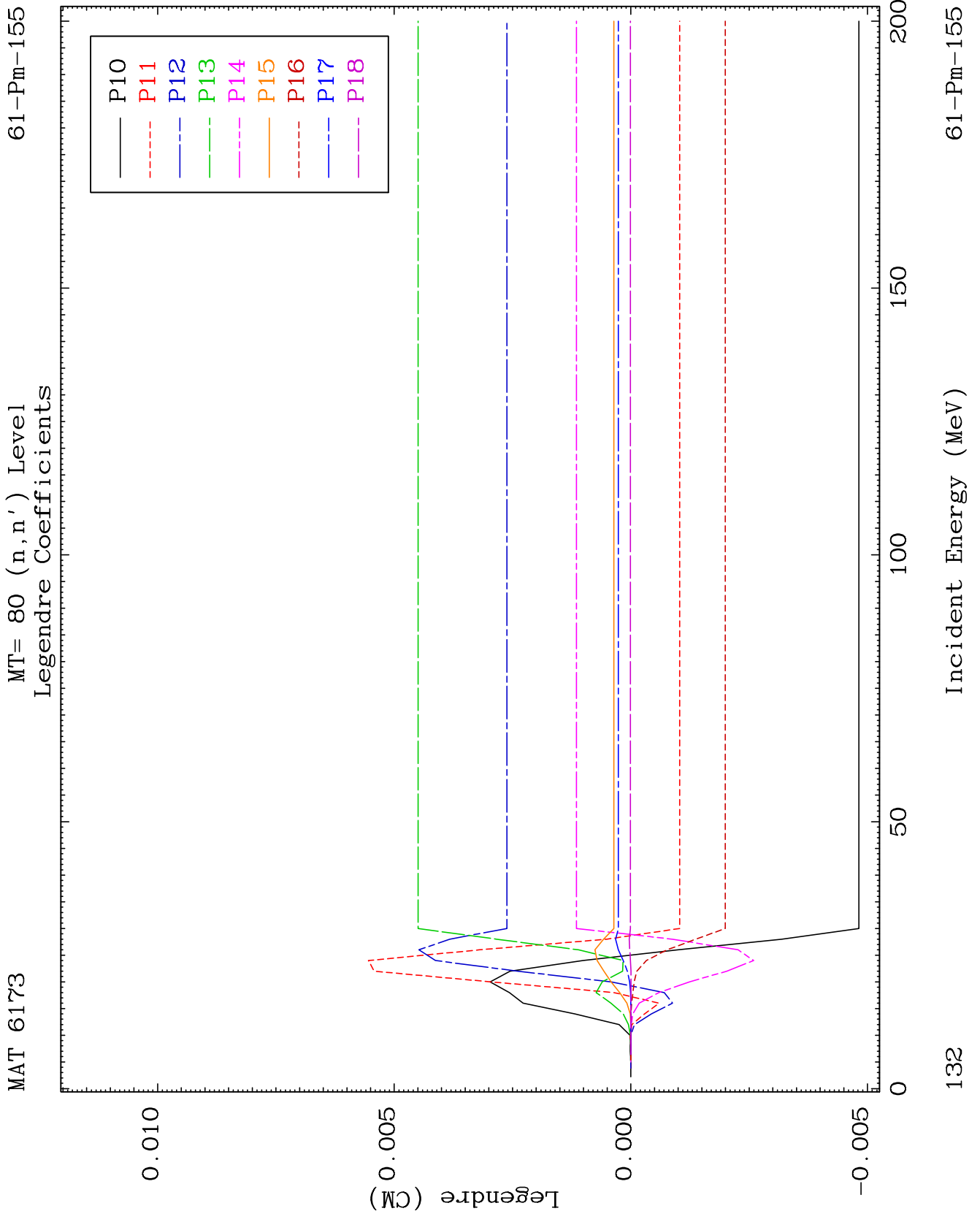
61-Pm-155



131

Incident Energy (MeV)

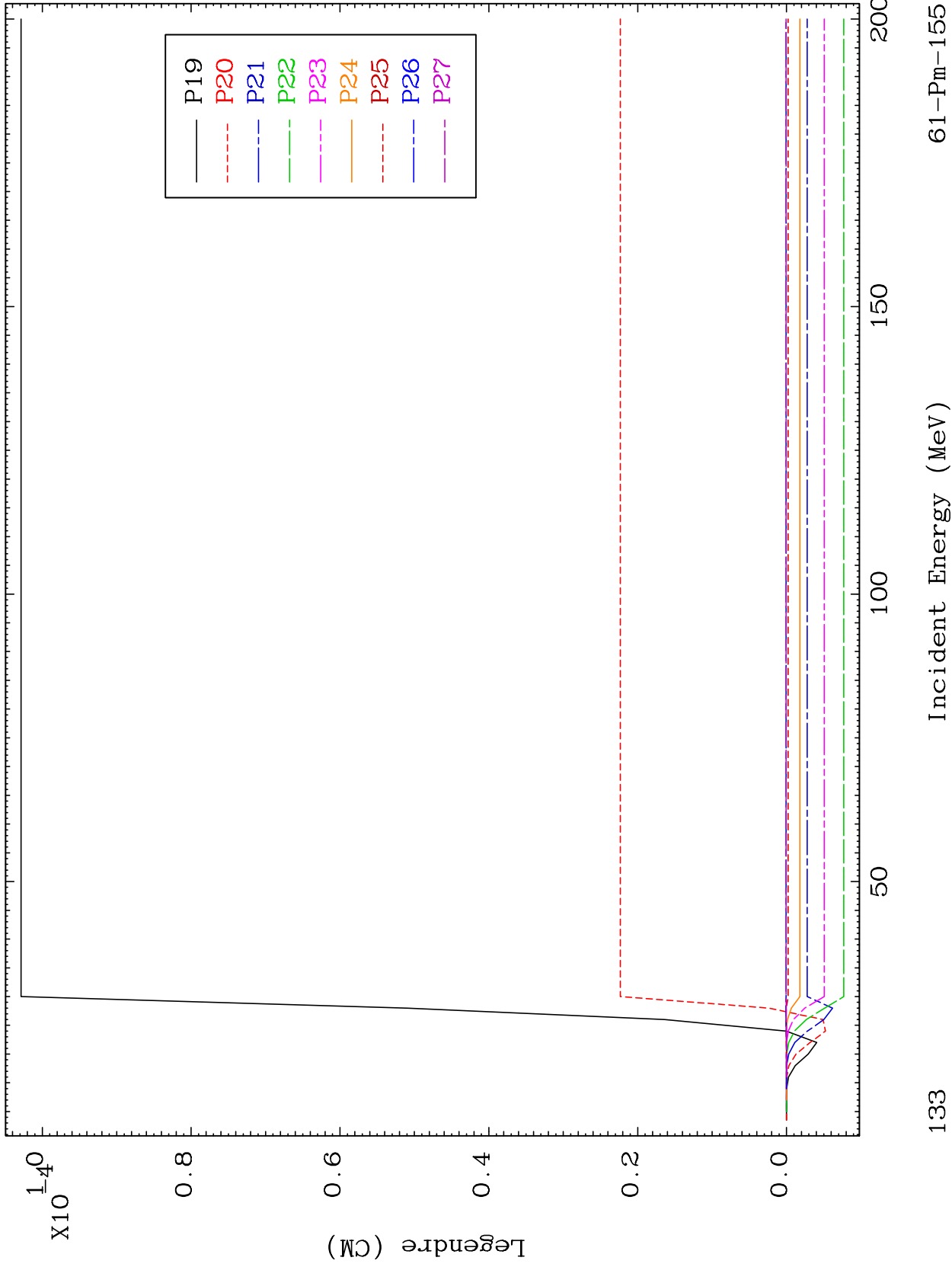
61-Pm-155



MAT 6173

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

61-Pm-155



133

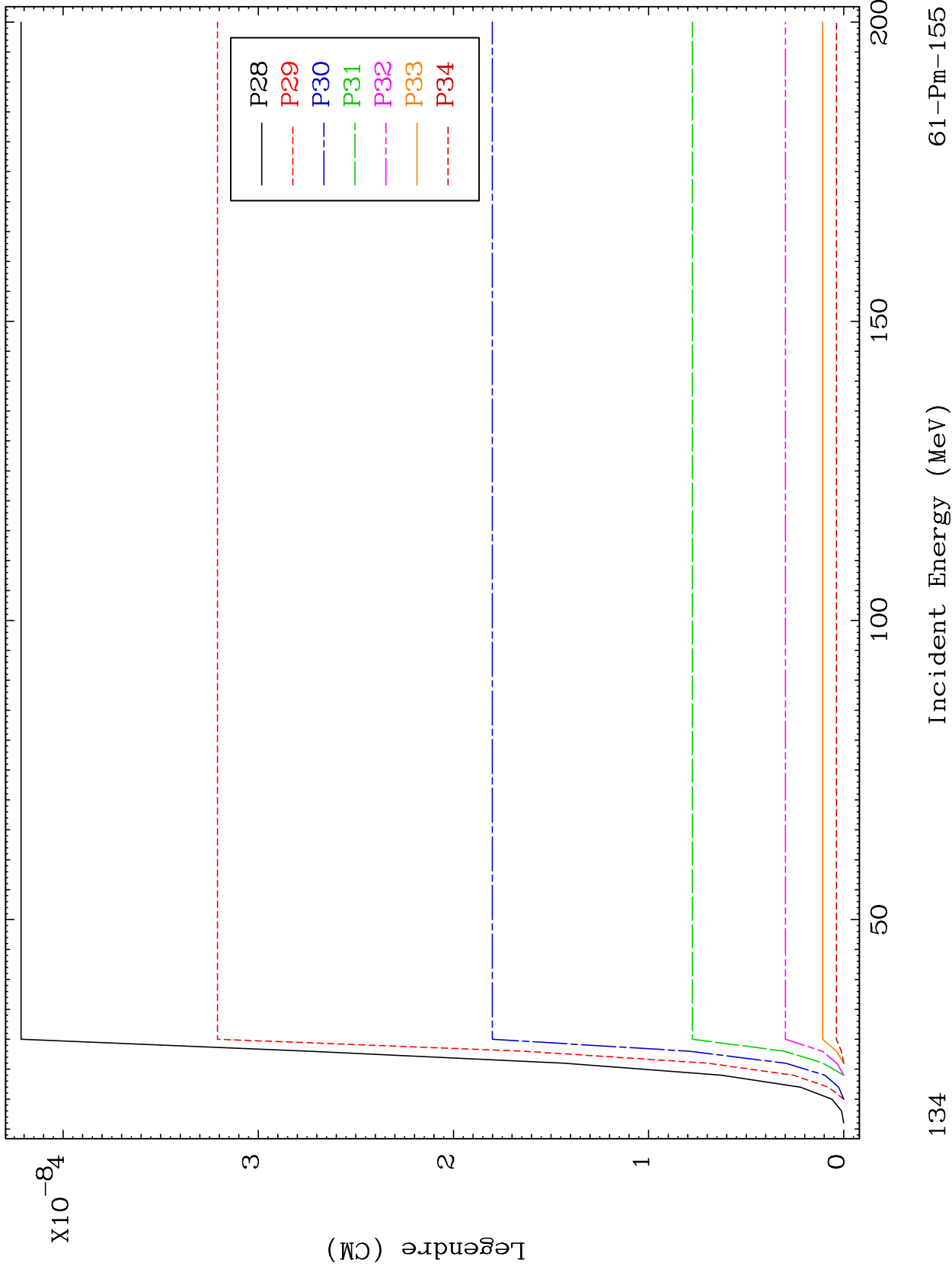
Incident Energy (MeV)

61-Pm-155

MAT 6173

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

61-Pm-155



134

Incident Energy (MeV)

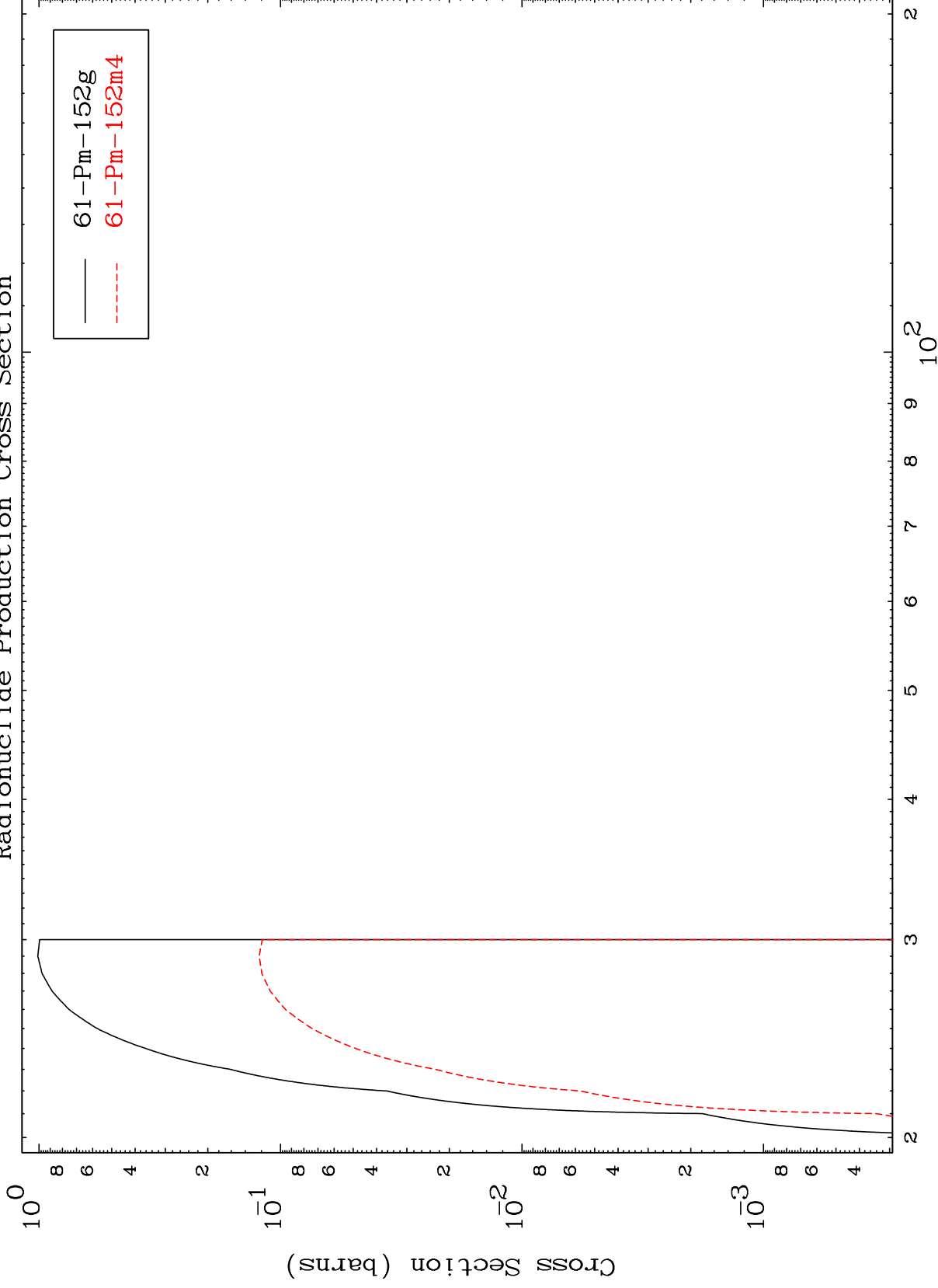
61-Pm-155

MAT 6173

(n,4n)

61-Pm-155

Radionuclide Production Cross Section



135

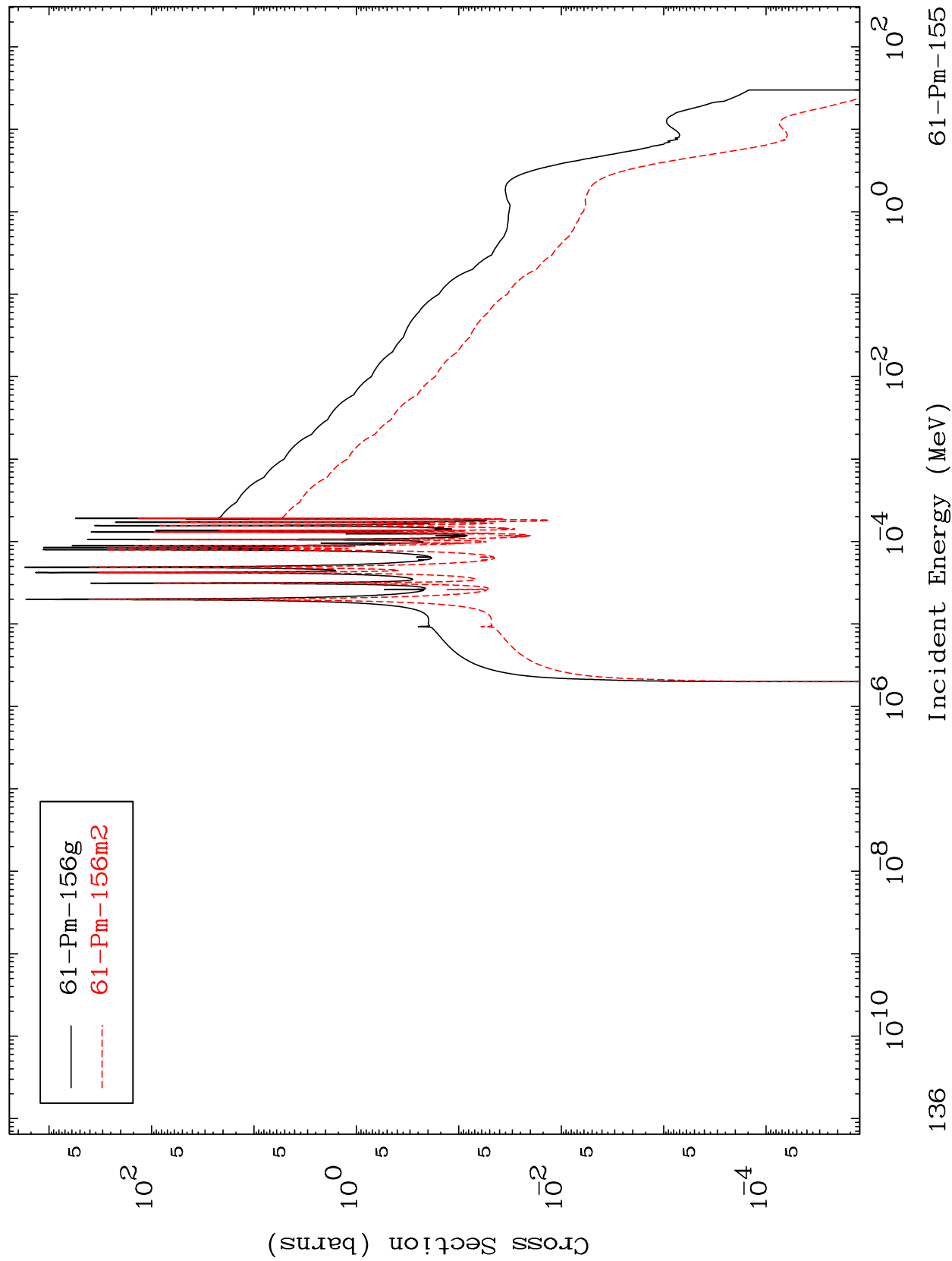
Incident Energy (MeV)

61-Pm-155

MAT 6173

61-Pm-155

(n,  $\gamma$ )  
Radionuclide Production Cross Section



136

61-Pm-155