

Program EVALPLOT
(Version 2021-1)

by

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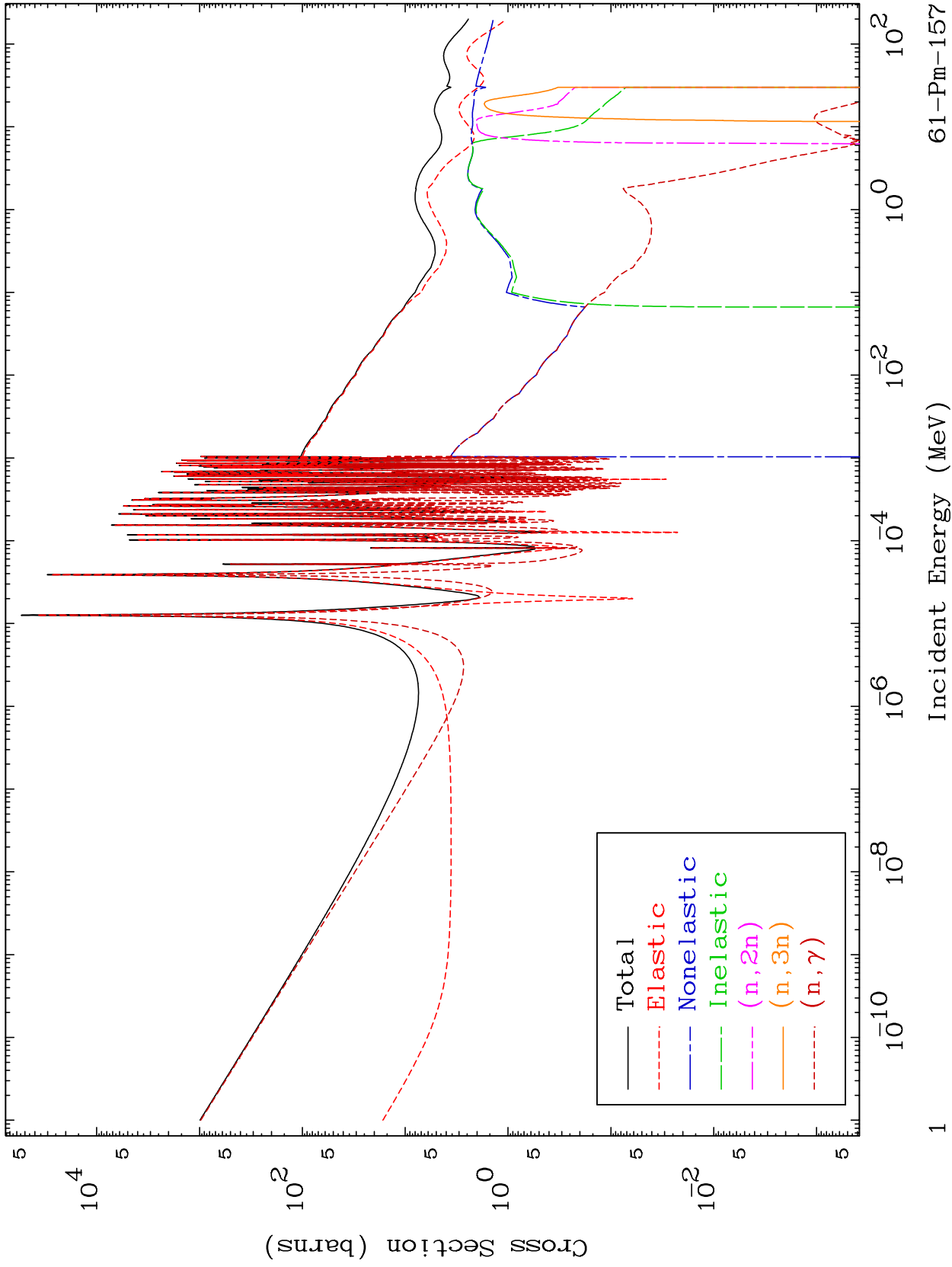
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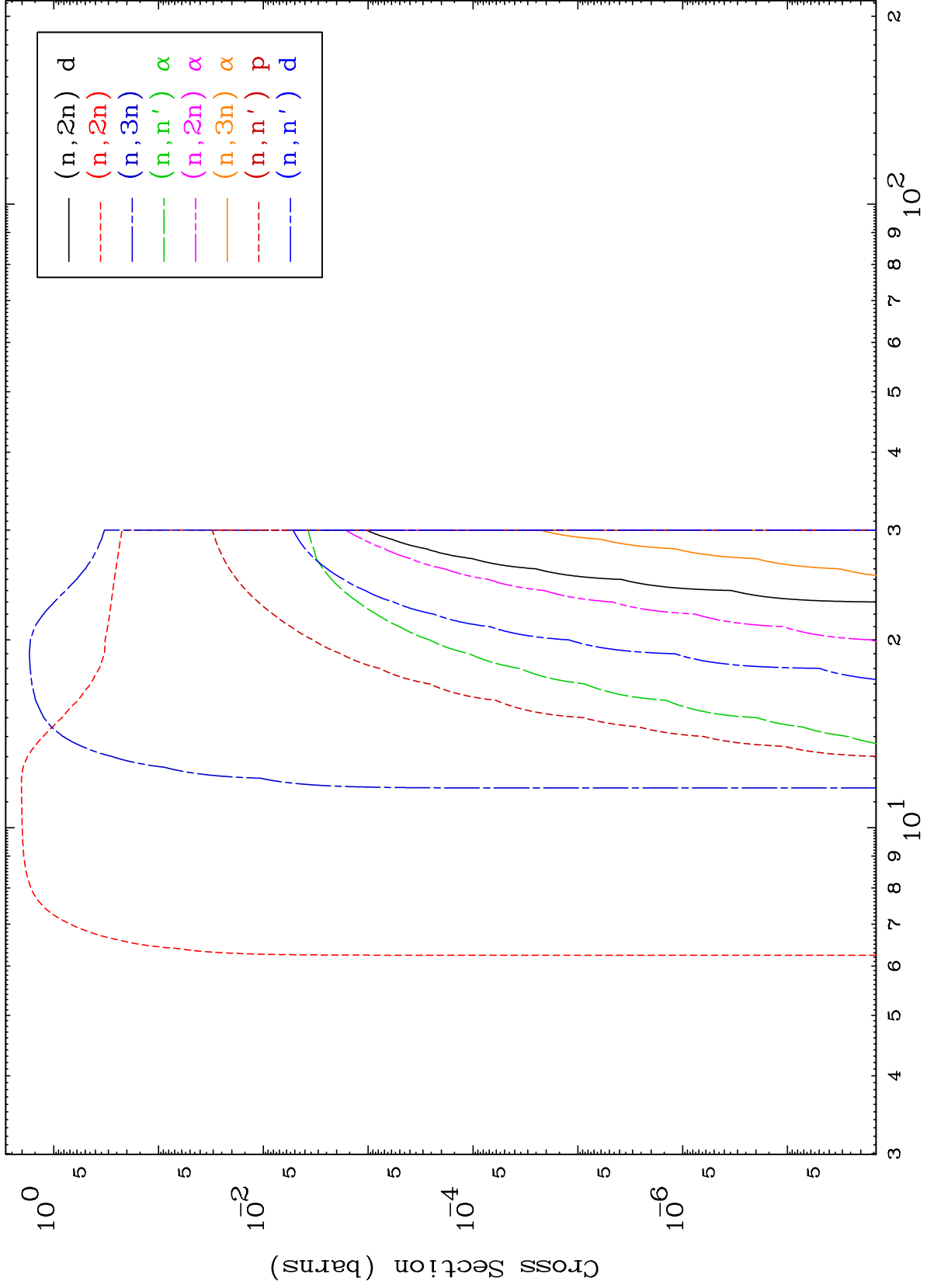
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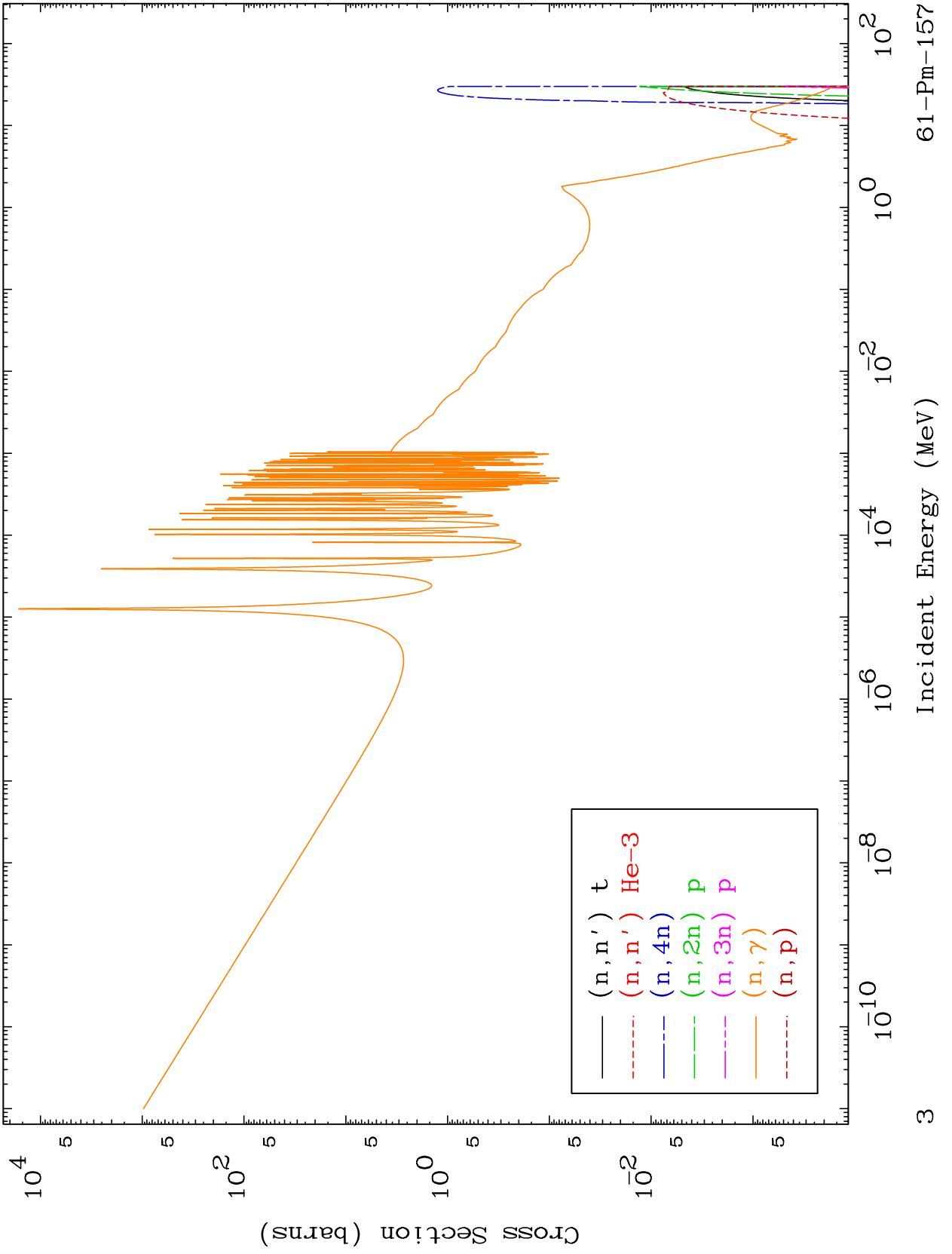
MAT 6179

Neutron Major
293 Kelvin Cross Sections

61-Pm-157



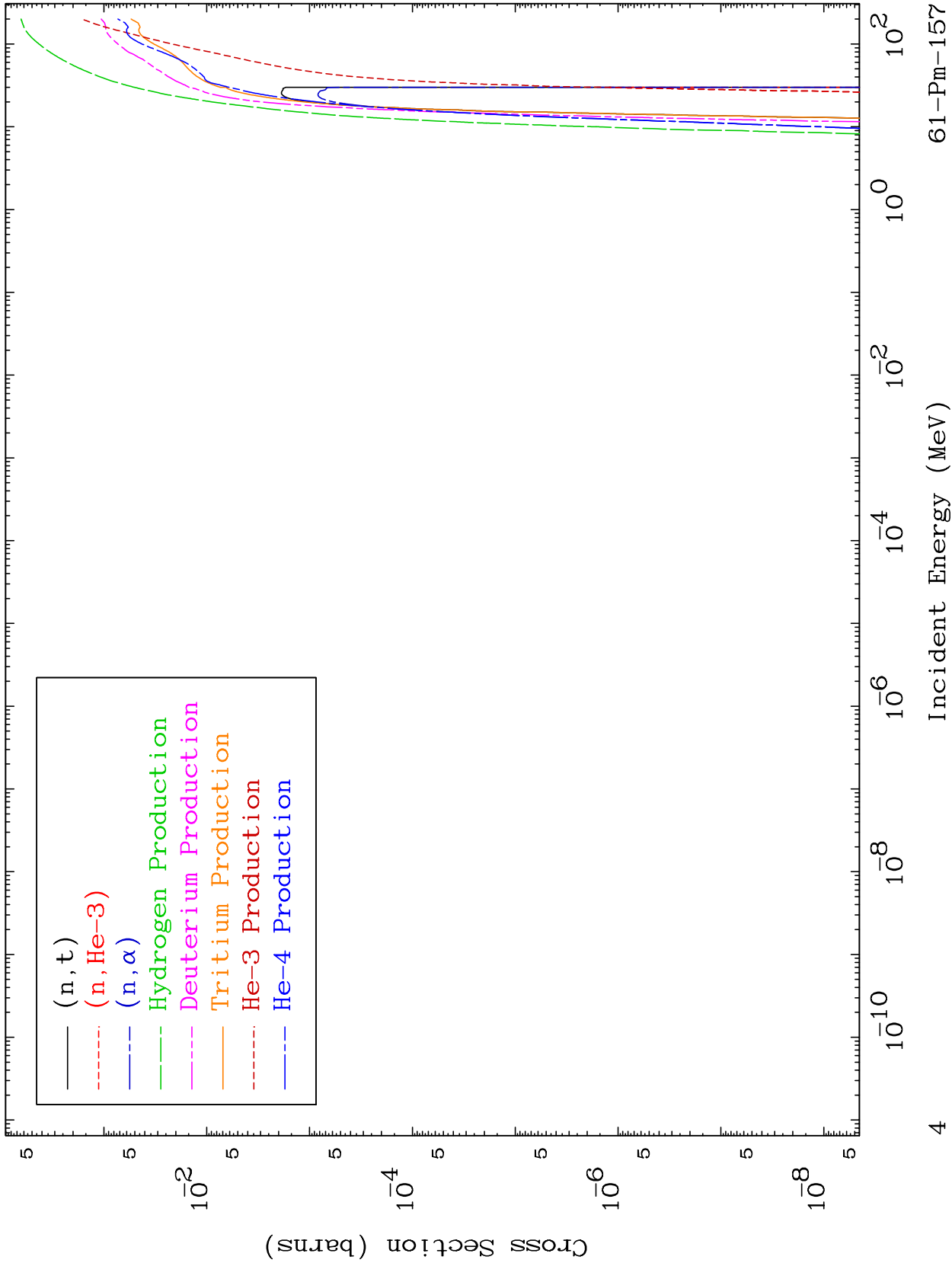


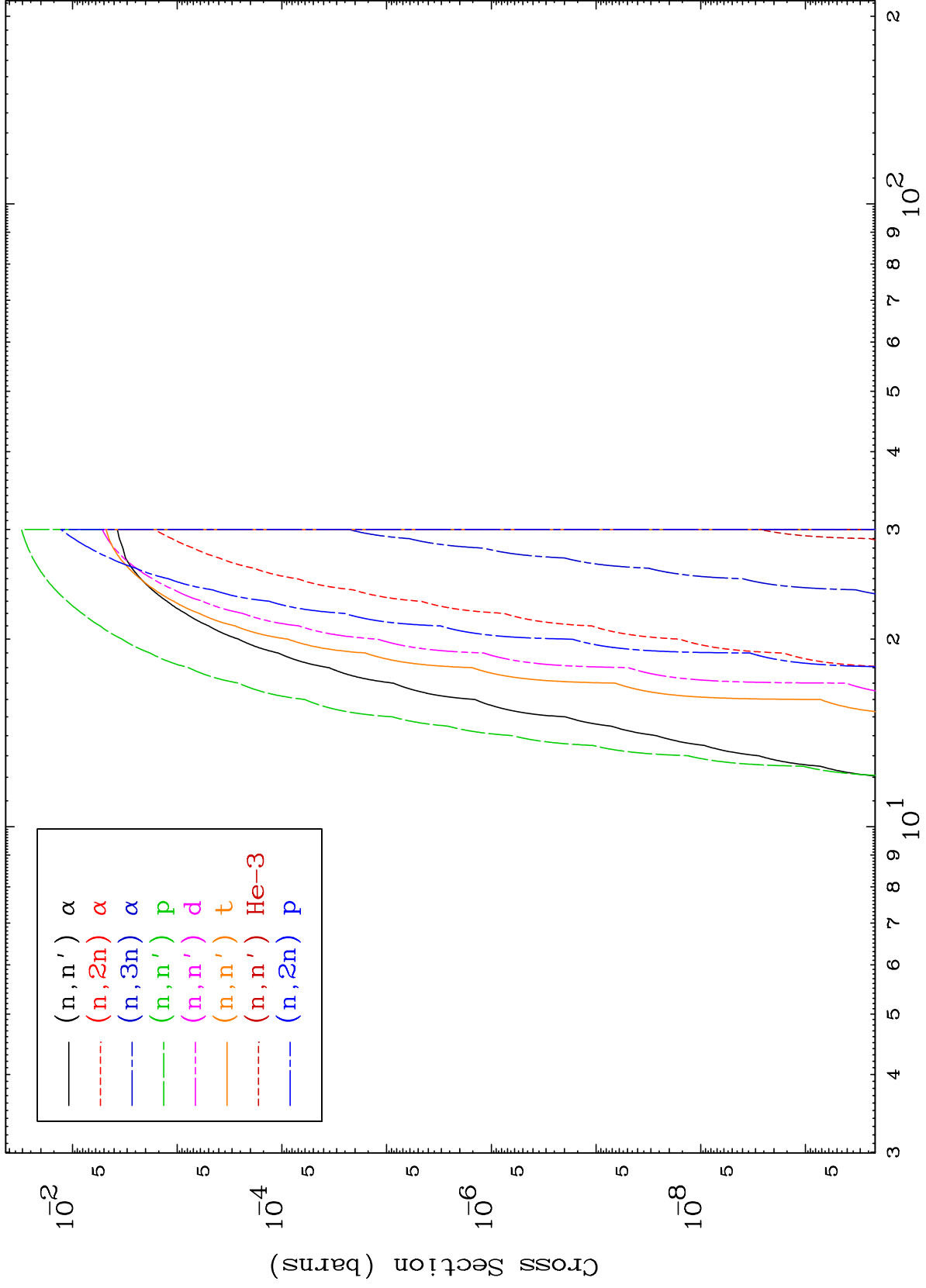


MAT 6179

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-157

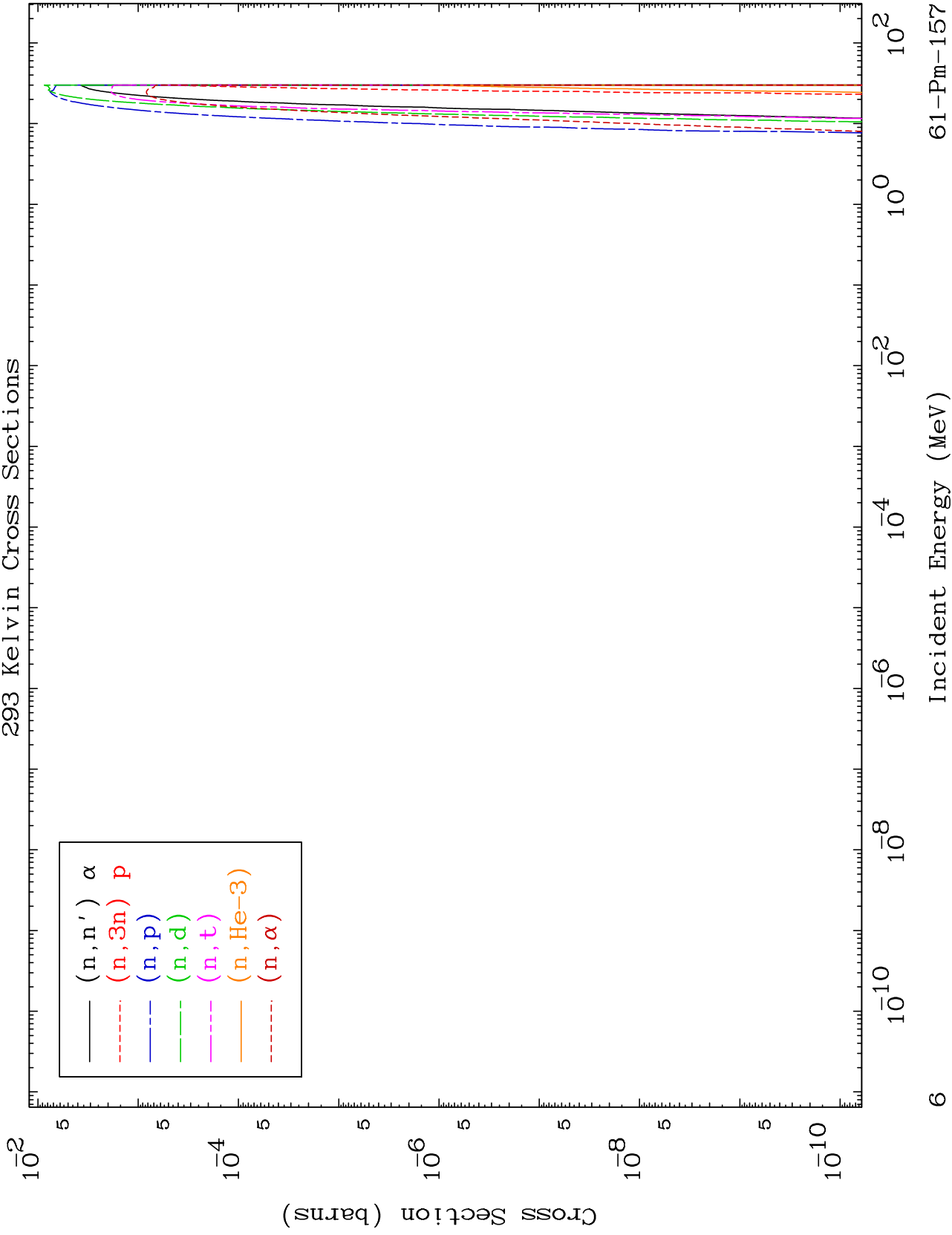




MAT 6179

Charged Particle
293 Kelvin Cross Sections

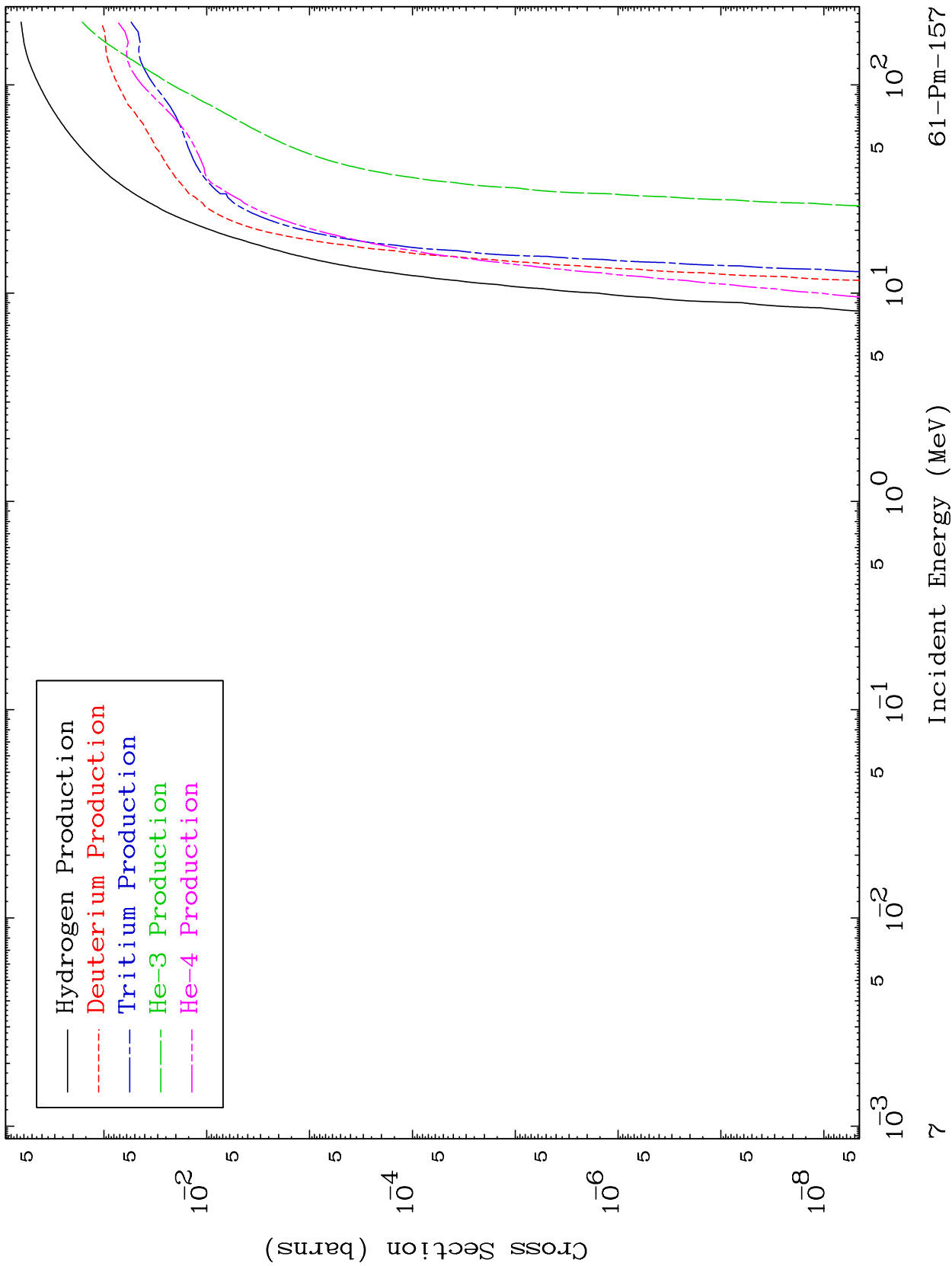
61-Pm-157



MAT 6179

Particle Production
293 Kelvin Cross Sections

61-Pm-157

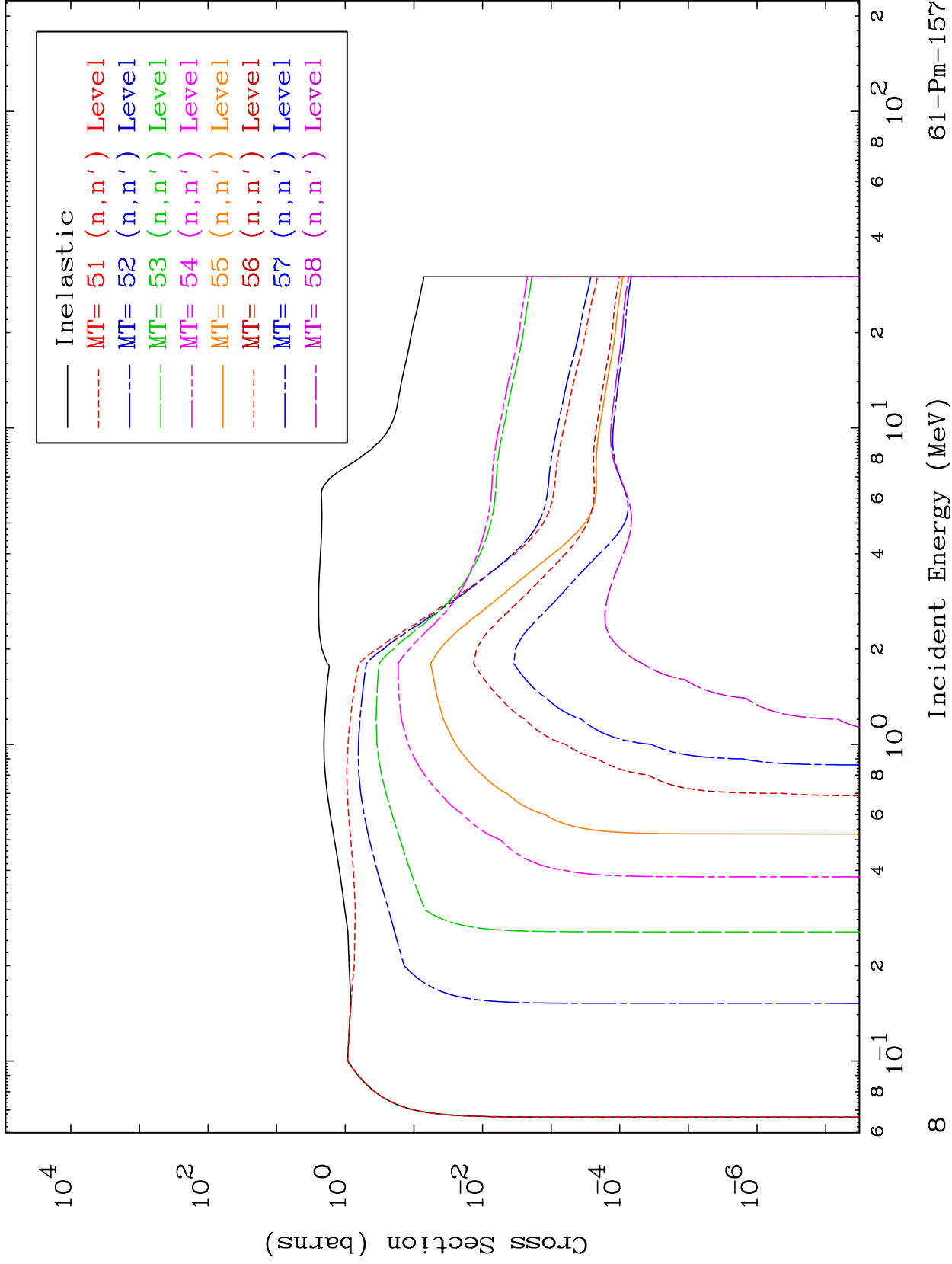


MAT 6179

(n,n') Levels

61-Pm-157

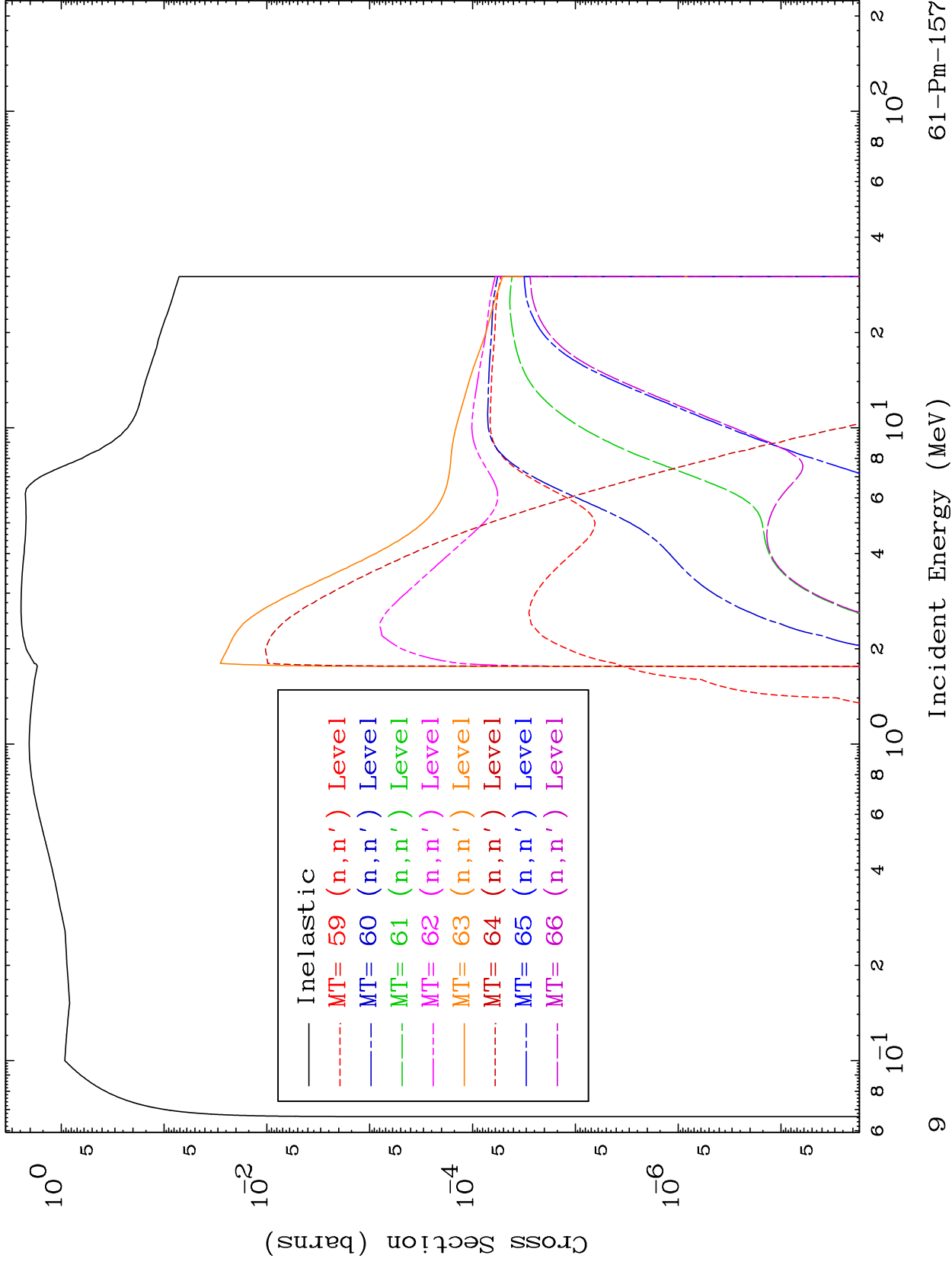
293 Kelvin Cross Sections



MAT 6179

(n,n') Levels
293 Kelvin Cross Sections

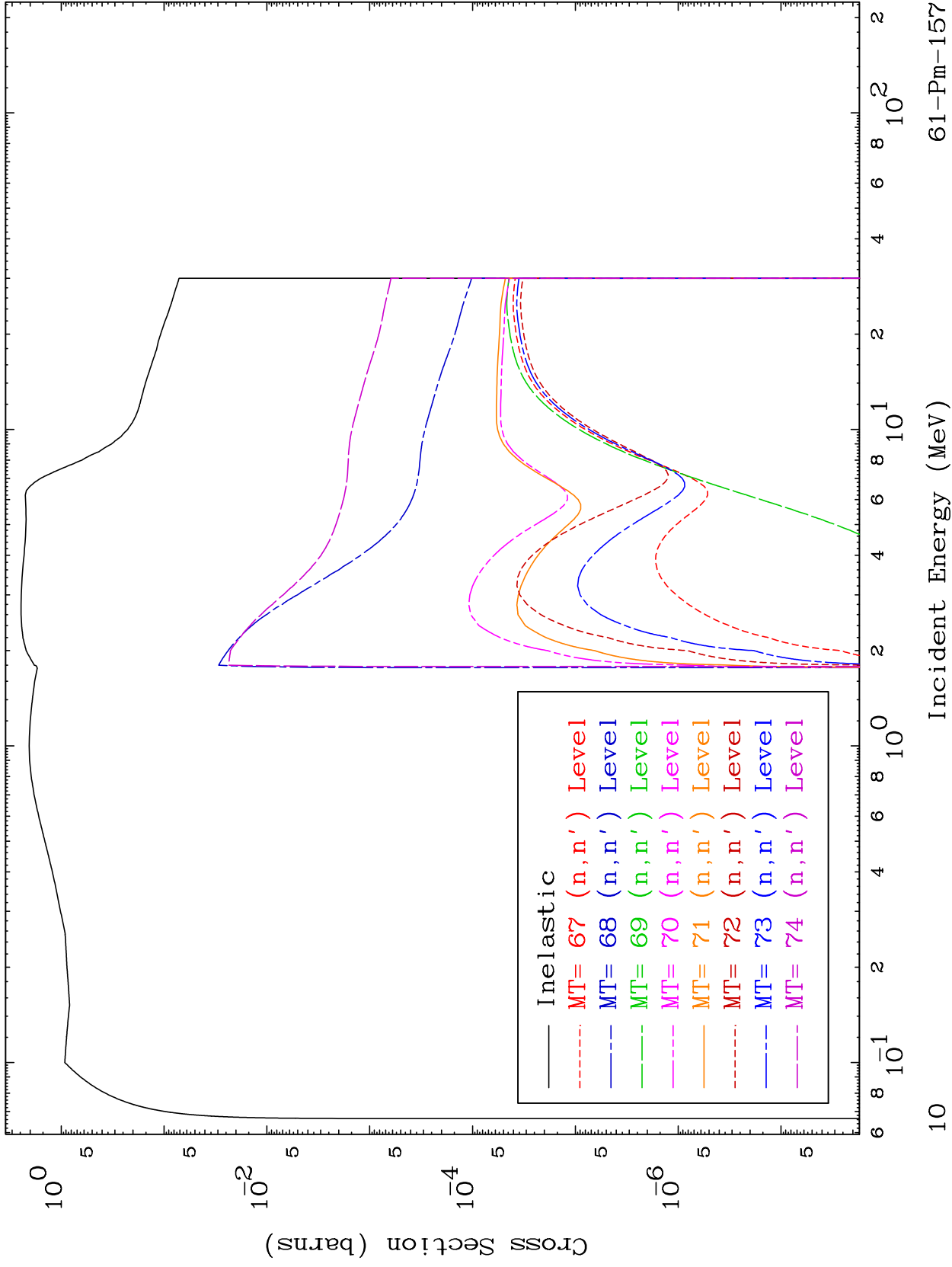
61-Pm-157



MAT 6179

(n,n') Levels
293 Kelvin Cross Sections

61-Pm-157



10

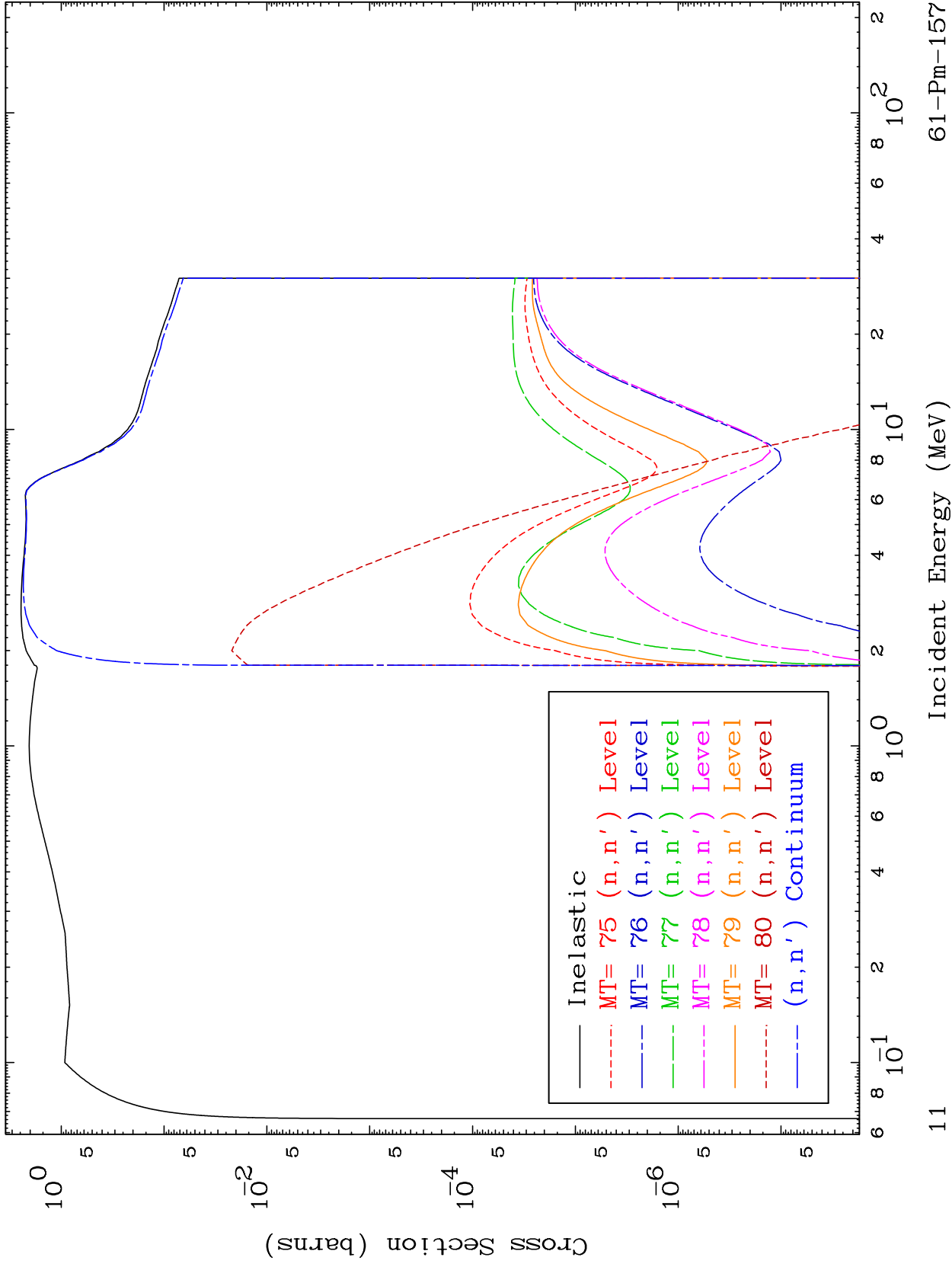
Incident Energy (MeV)

61-Pm-157

MAT 6179

(n,n') Levels
293 Kelvin Cross Sections

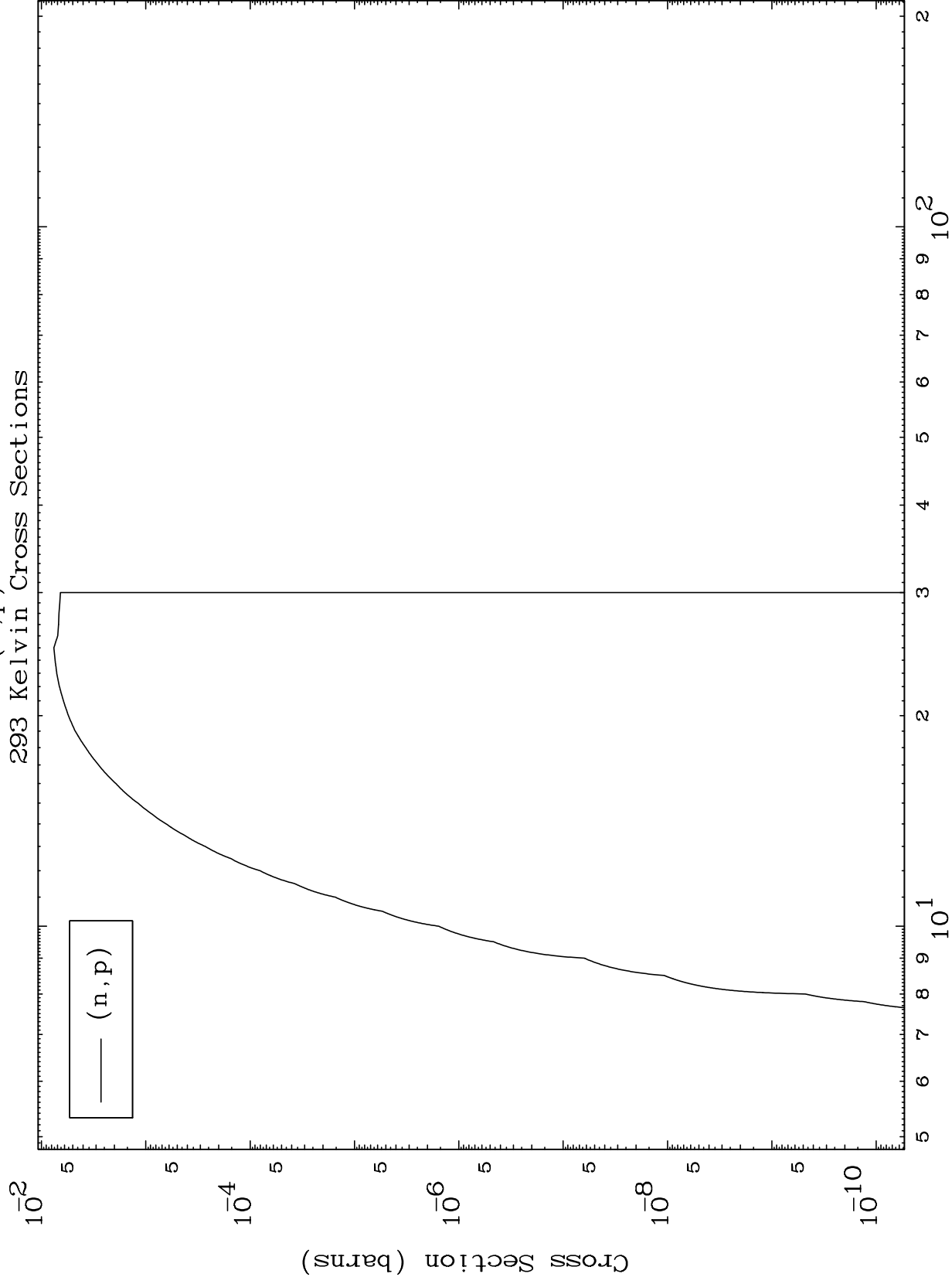
61-Pm-157



MAT 6179

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-157



12

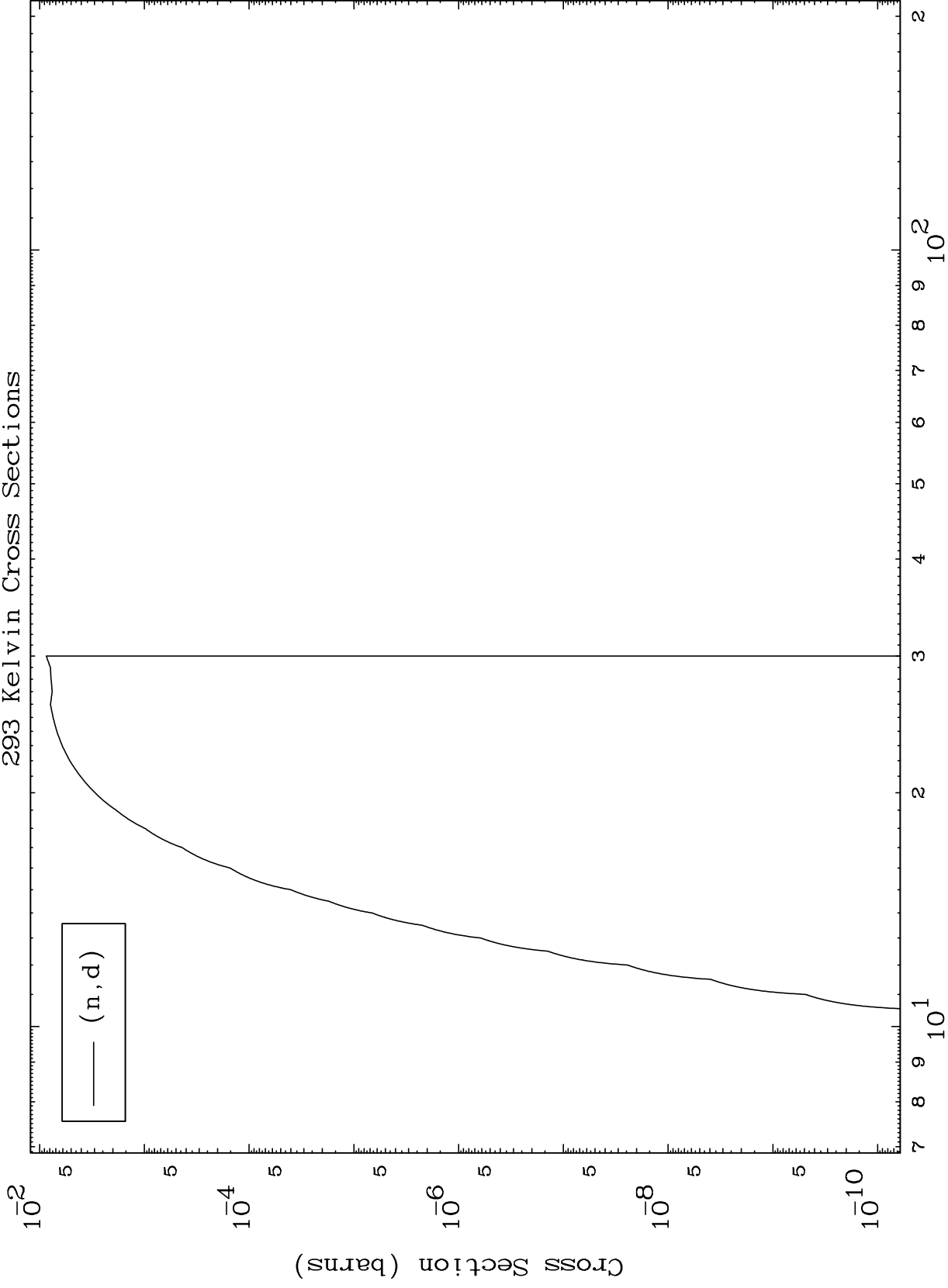
Incident Energy (MeV)

61-Pm-157

MAT 6179

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-157



13

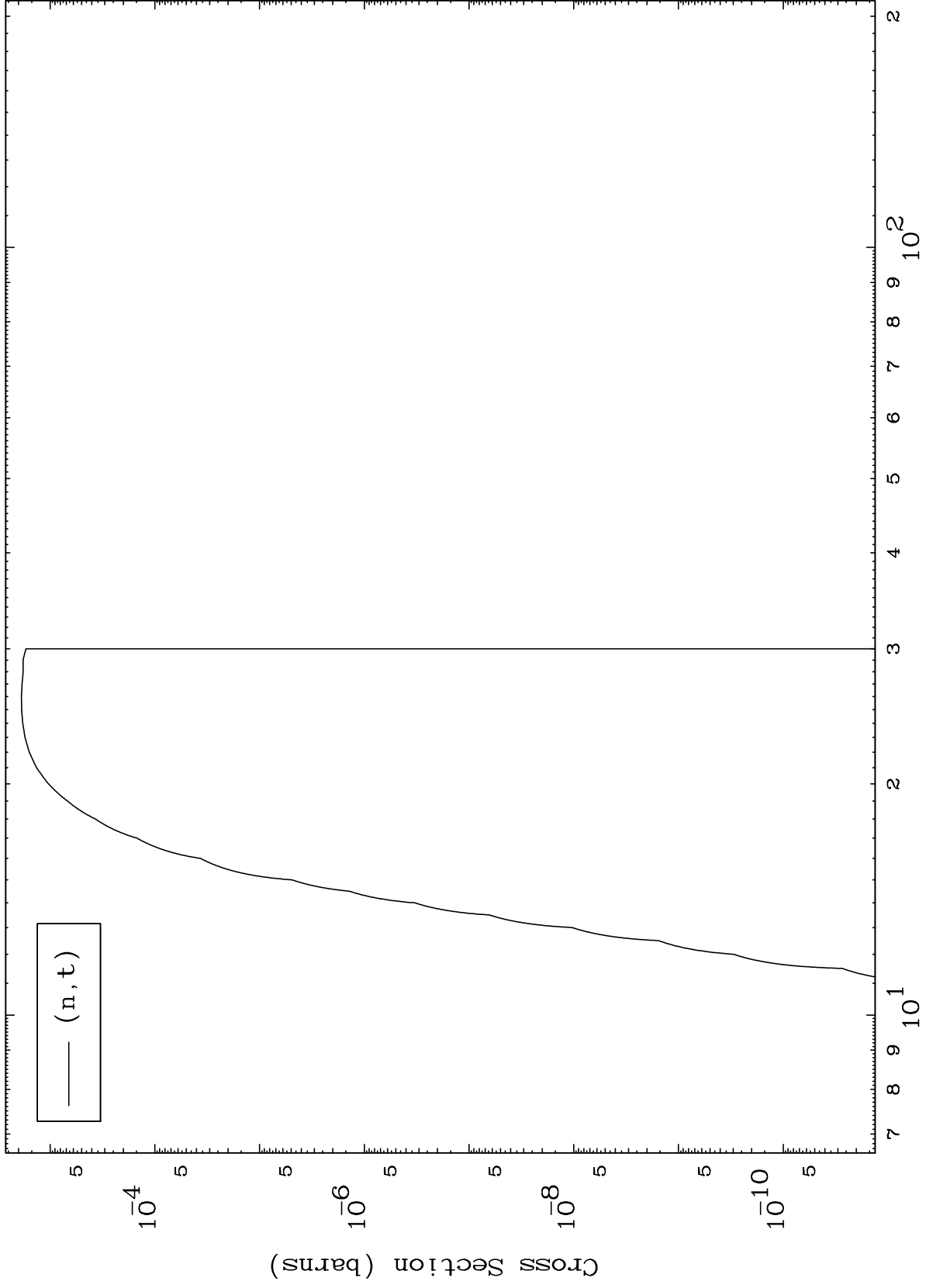
Incident Energy (MeV)

61-Pm-157

MAT 6179

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-157



14

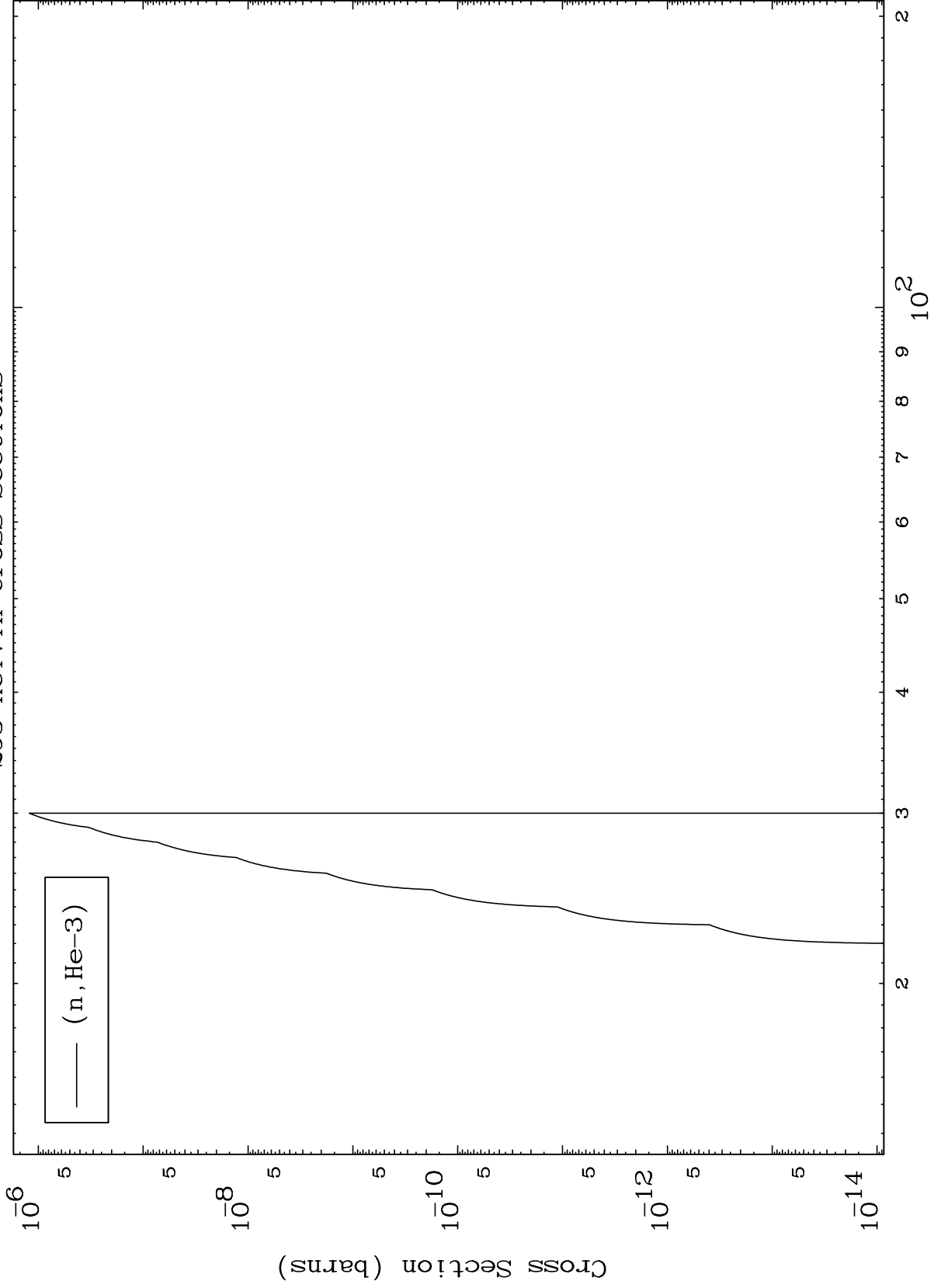
Incident Energy (MeV)

61-Pm-157

MAT 6179

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-157



15

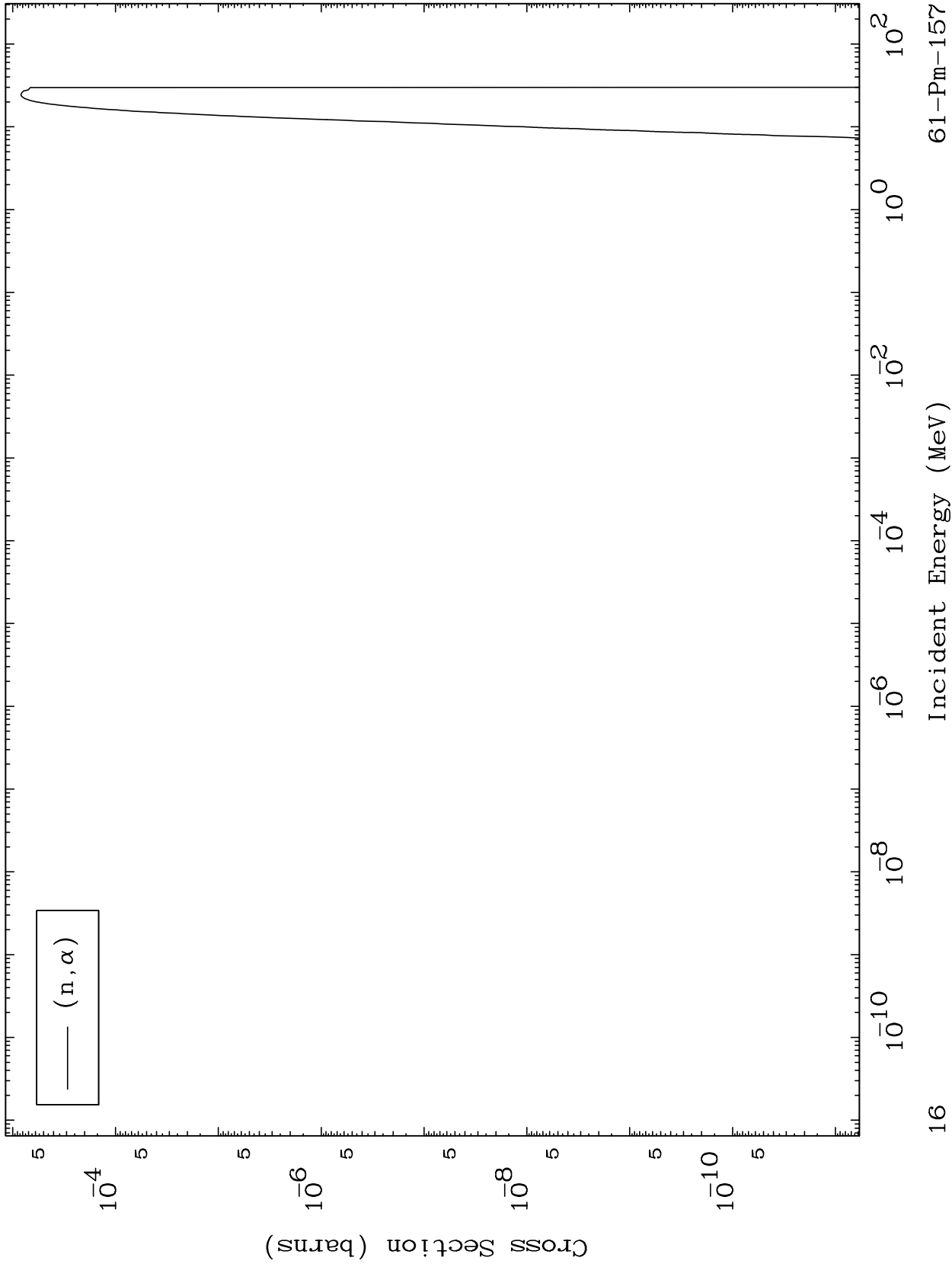
Incident Energy (MeV)

61-Pm-157

MAT 6179

(n, α) Levels
293 Kelvin Cross Sections

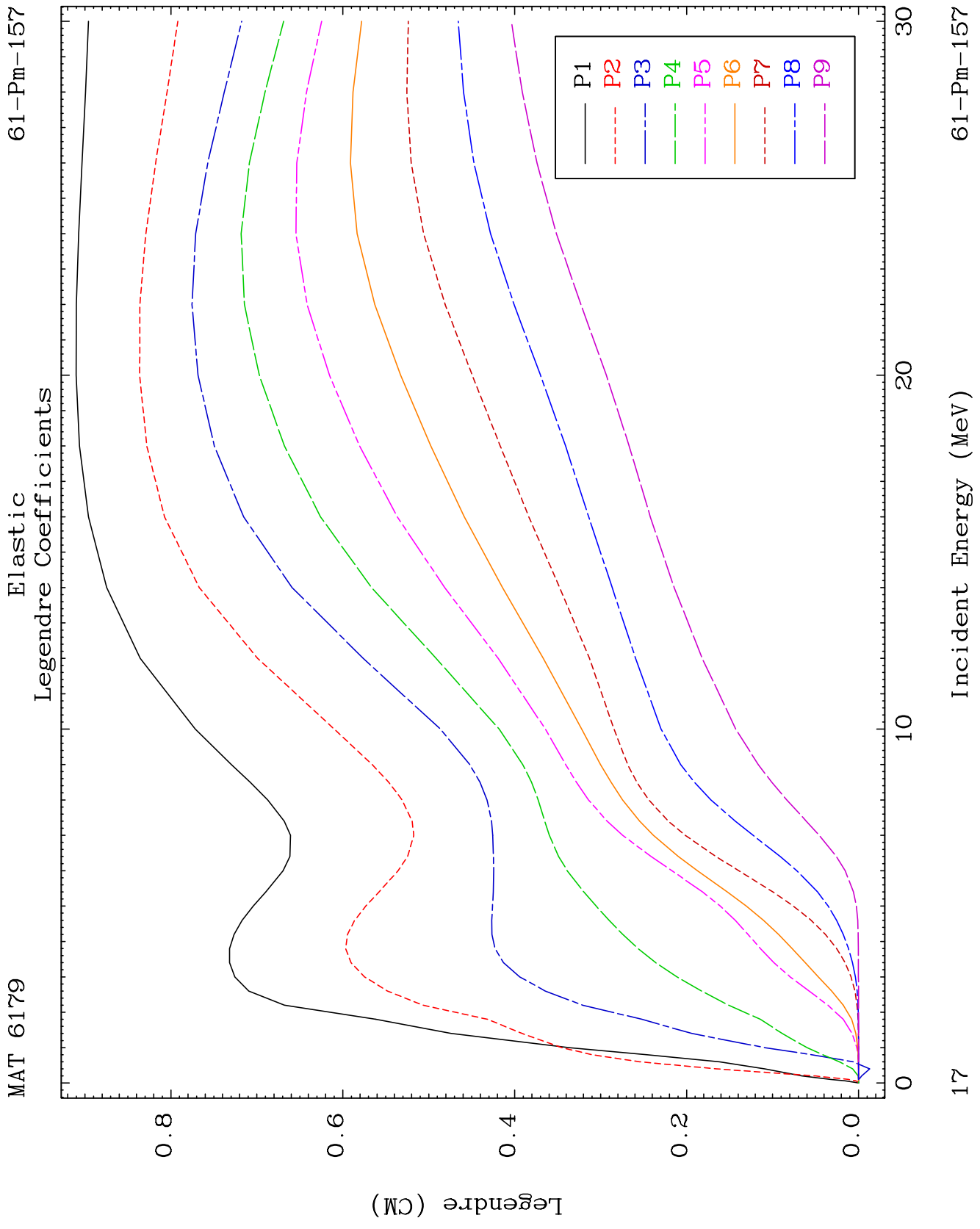
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16

Incident Energy (MeV)

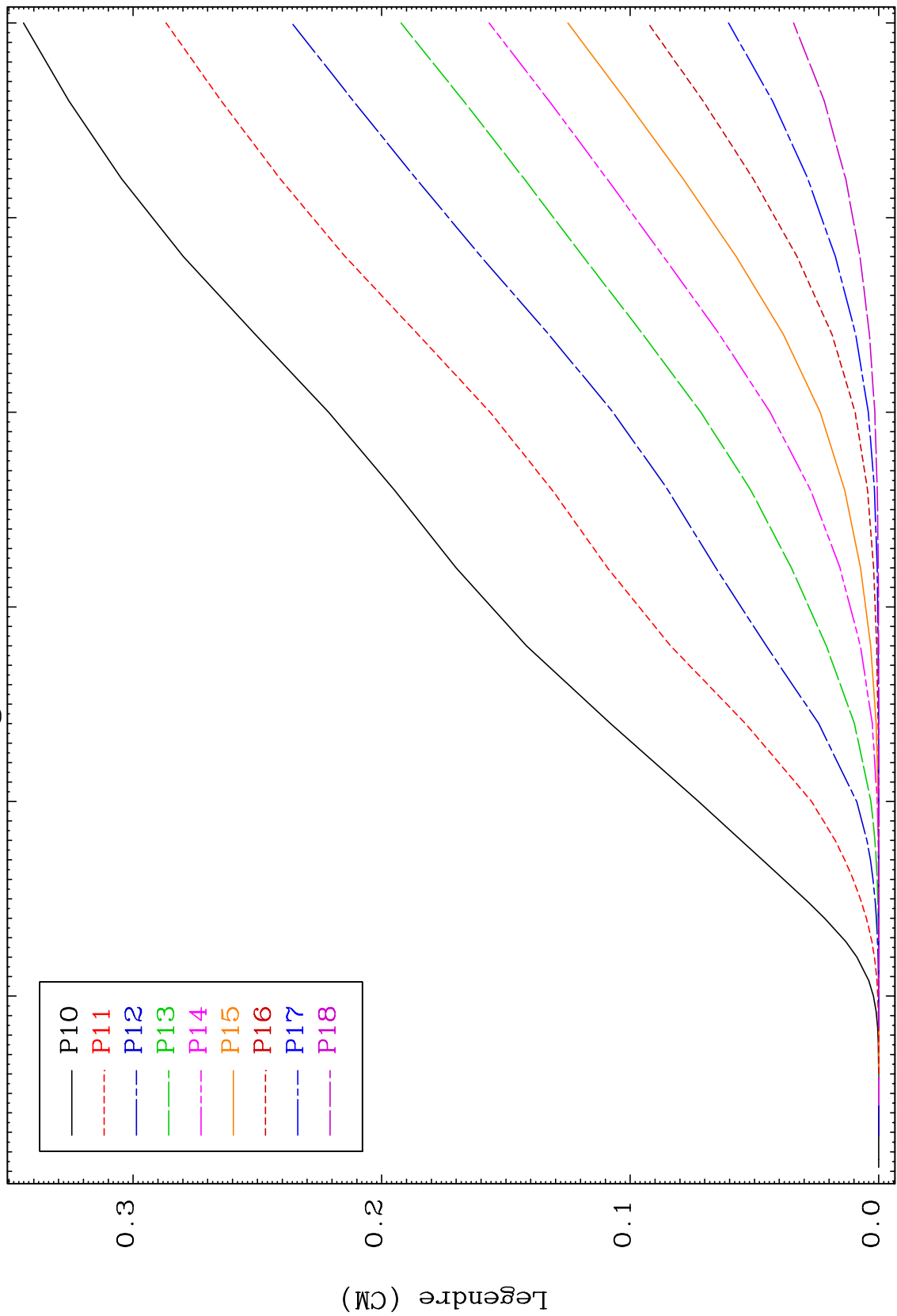
61-Pm-157



MAT 6179

Elastic Legendre Coefficients

61-Pm-157



18

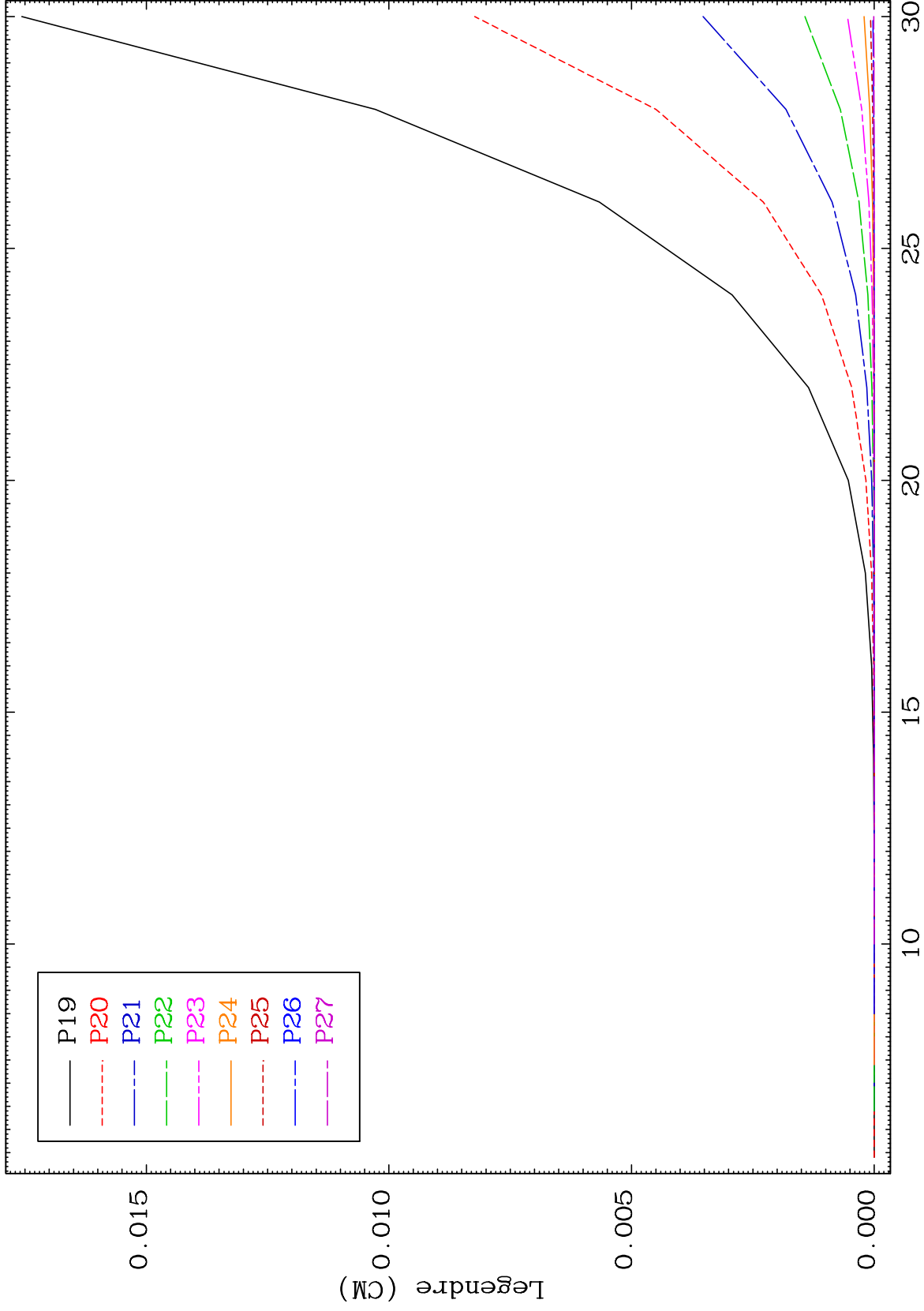
Incident Energy (MeV)

61-Pm-157

MAT 6179

Elastic Legendre Coefficients

61-Pm-157



19

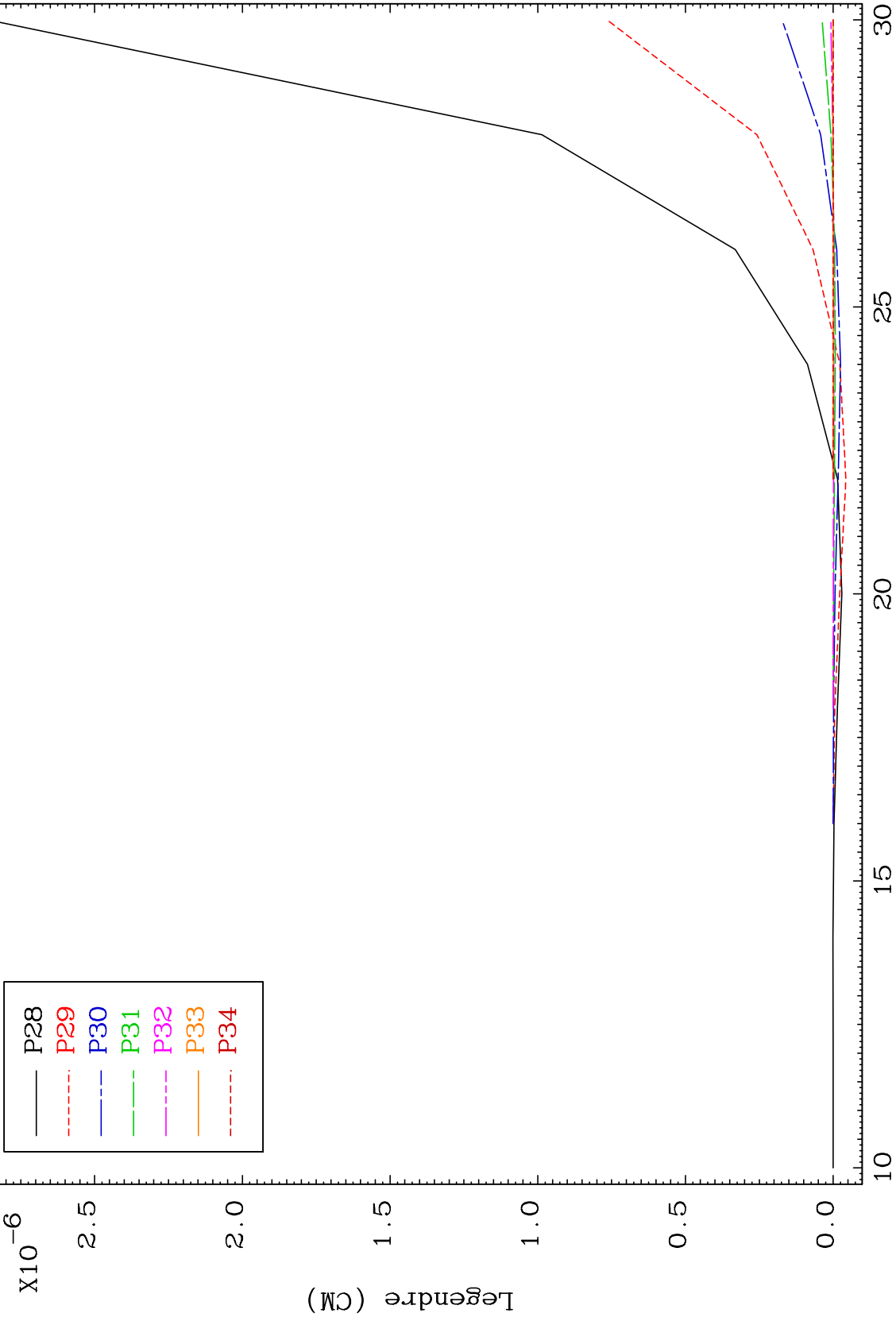
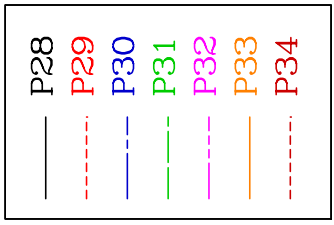
Incident Energy (MeV)

61-Pm-157

MAT 6179

Elastic Legendre Coefficients

61-Pm-157



61-Pm-157

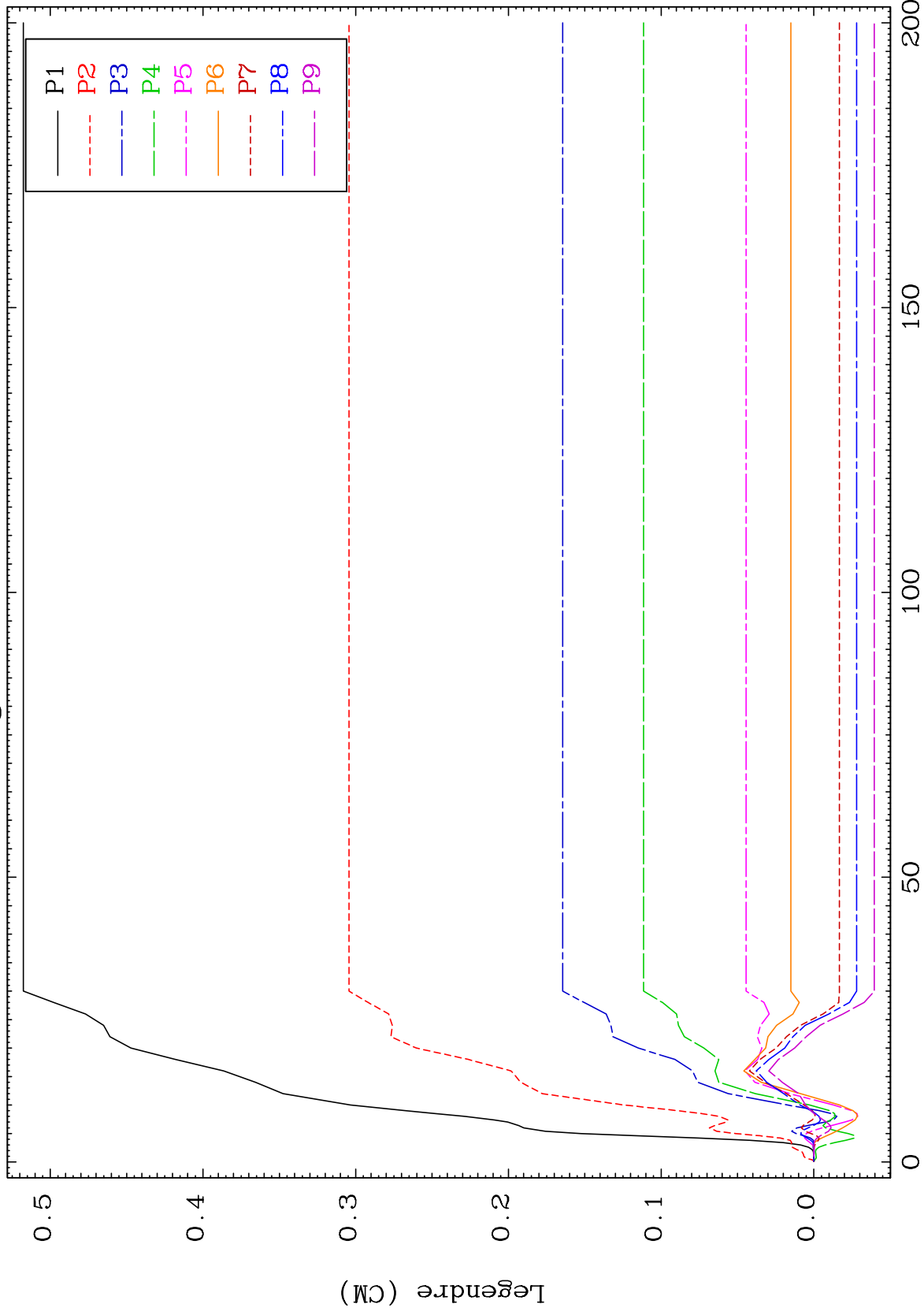
Incident Energy (MeV)

20

MAT 6179

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

61-Pm-157



21

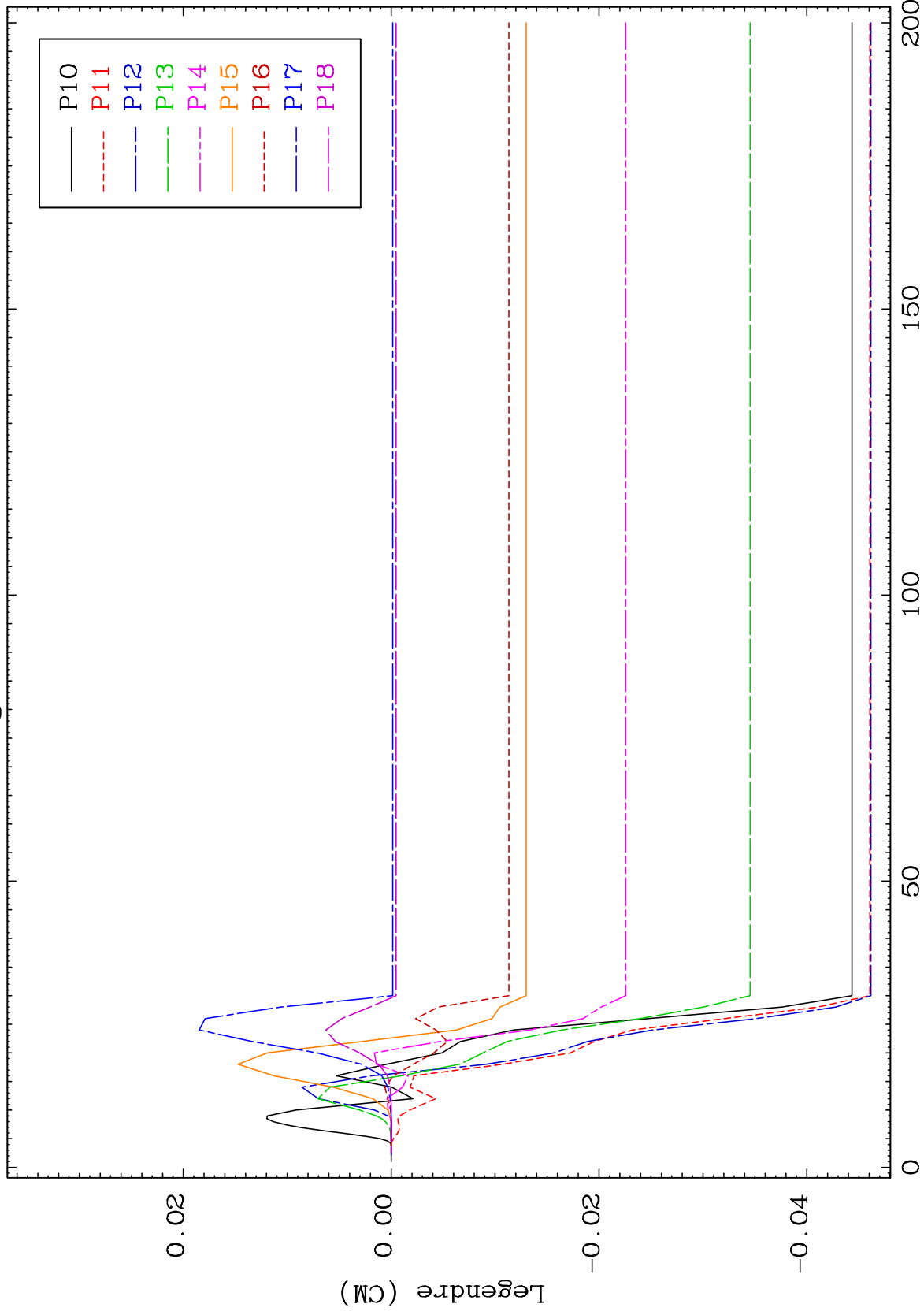
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



22

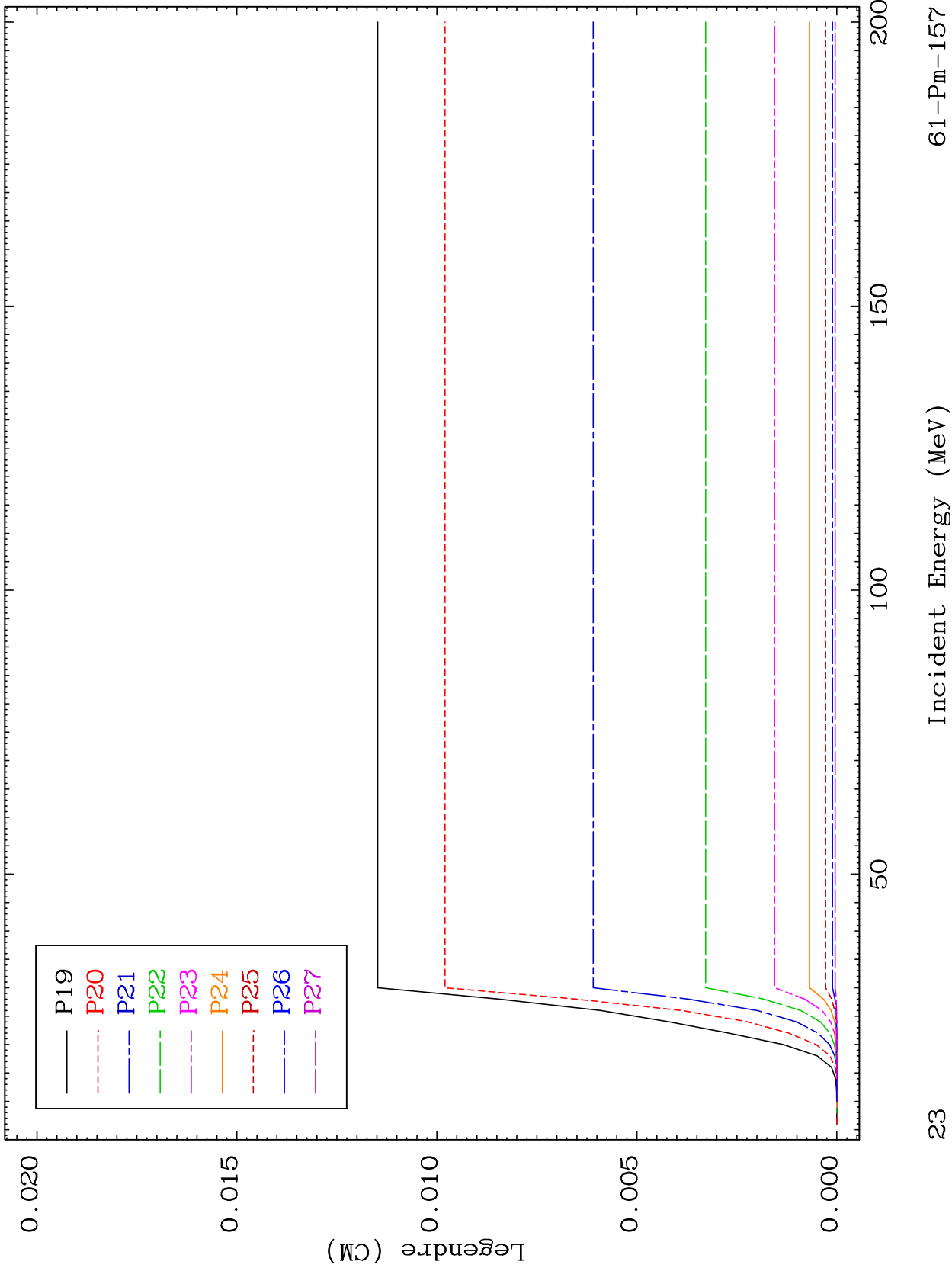
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



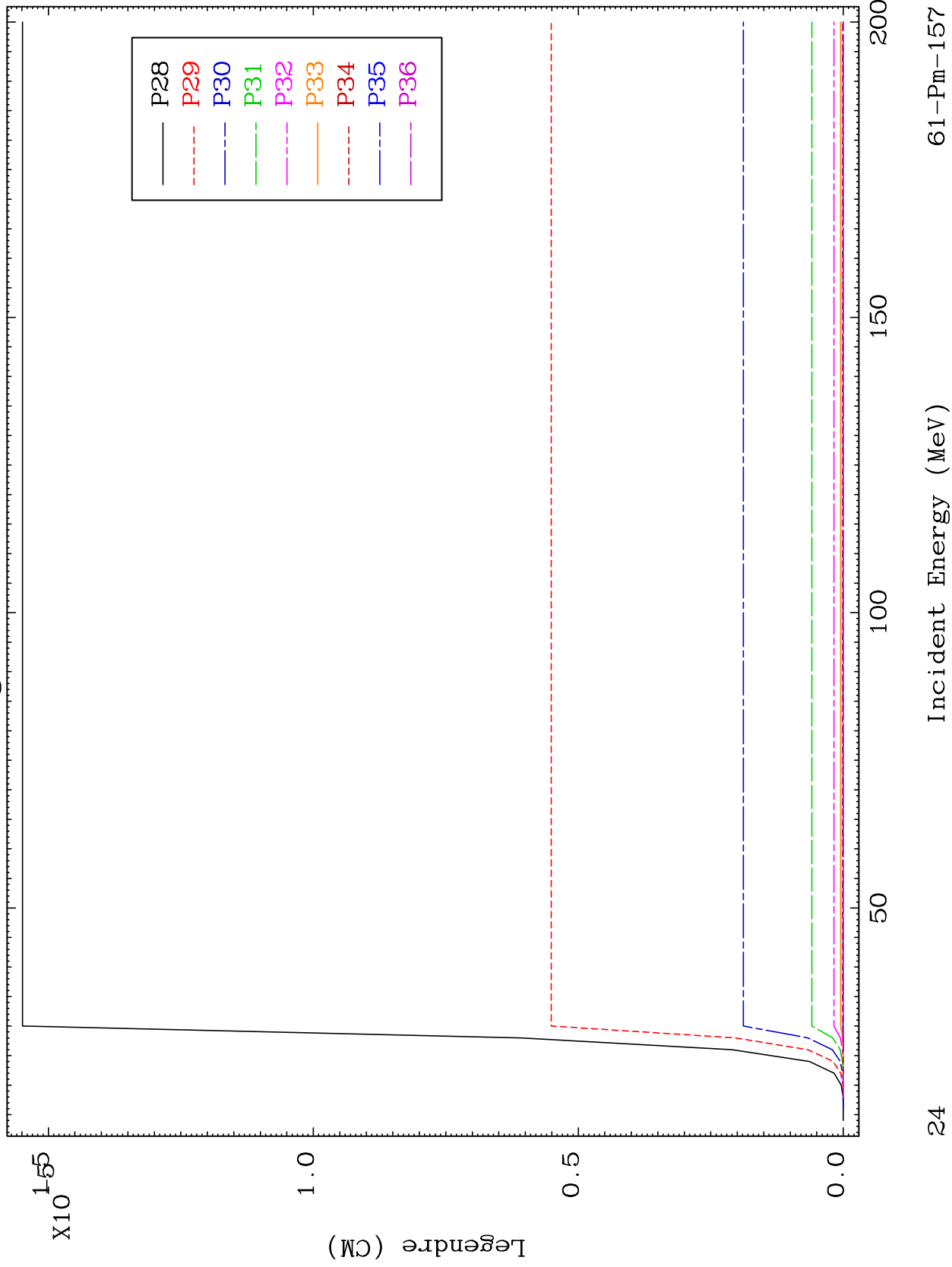
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61-Pm-157

MAT 6179

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

61-Pm-157



24

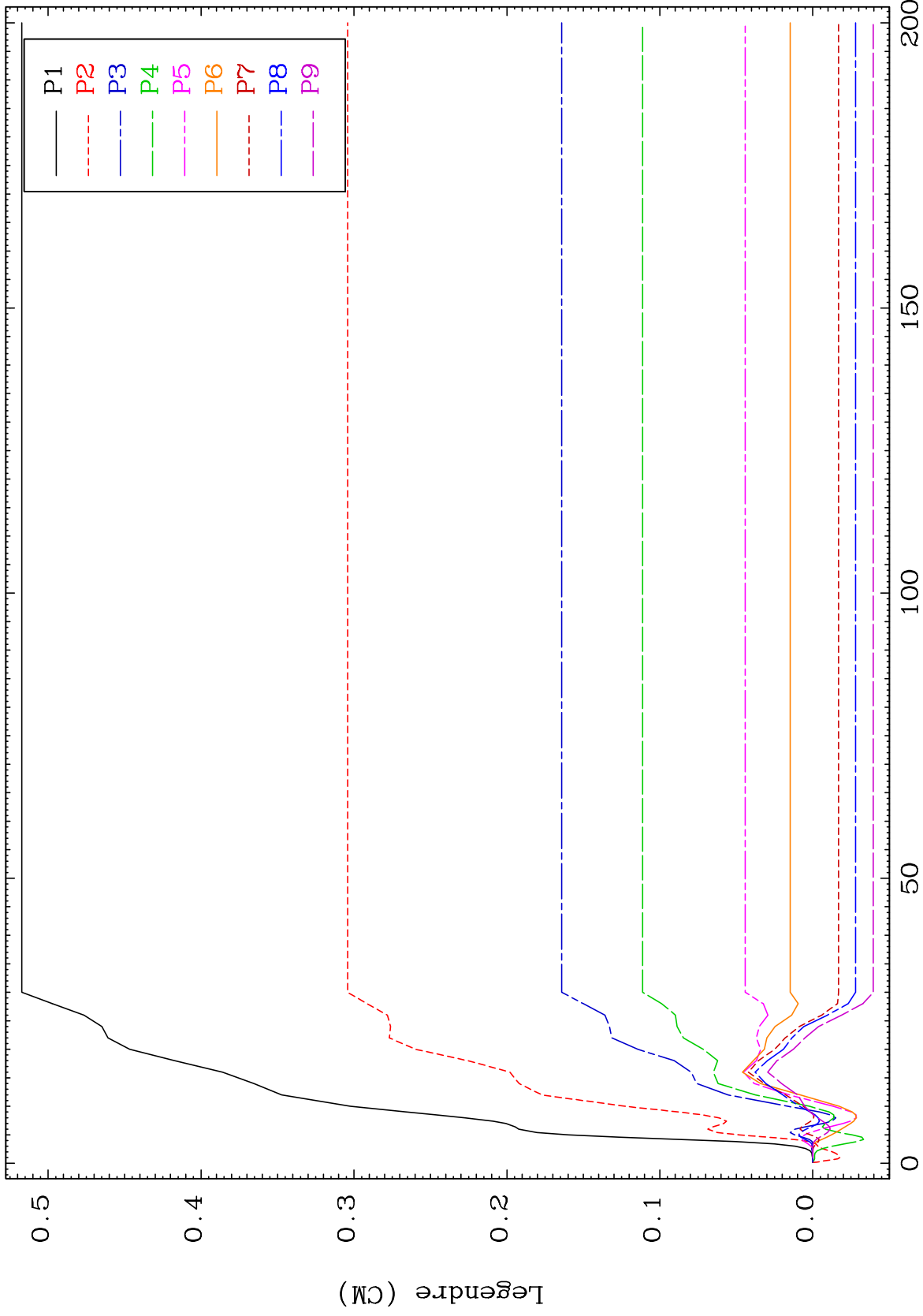
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



25

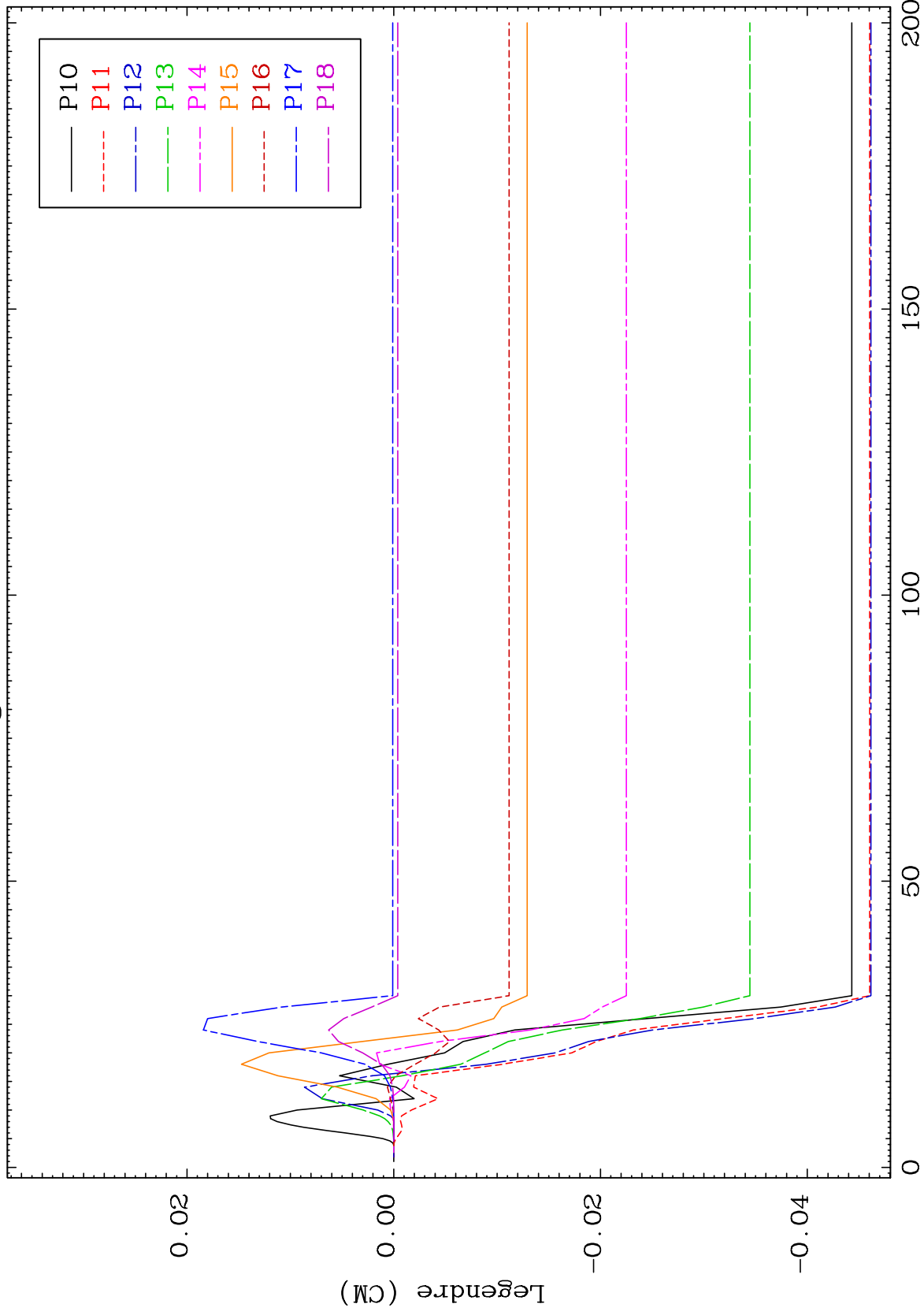
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



26

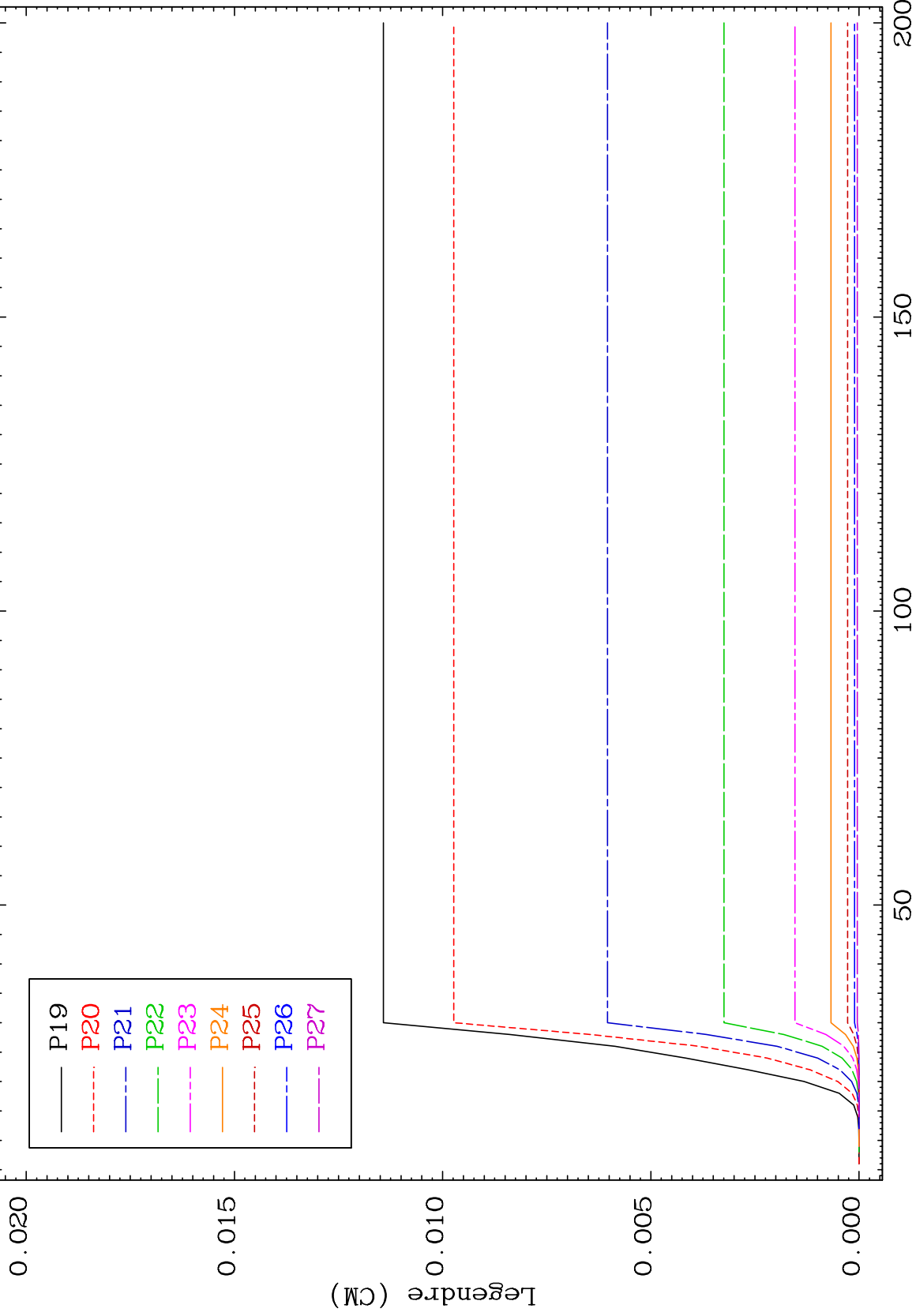
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



27

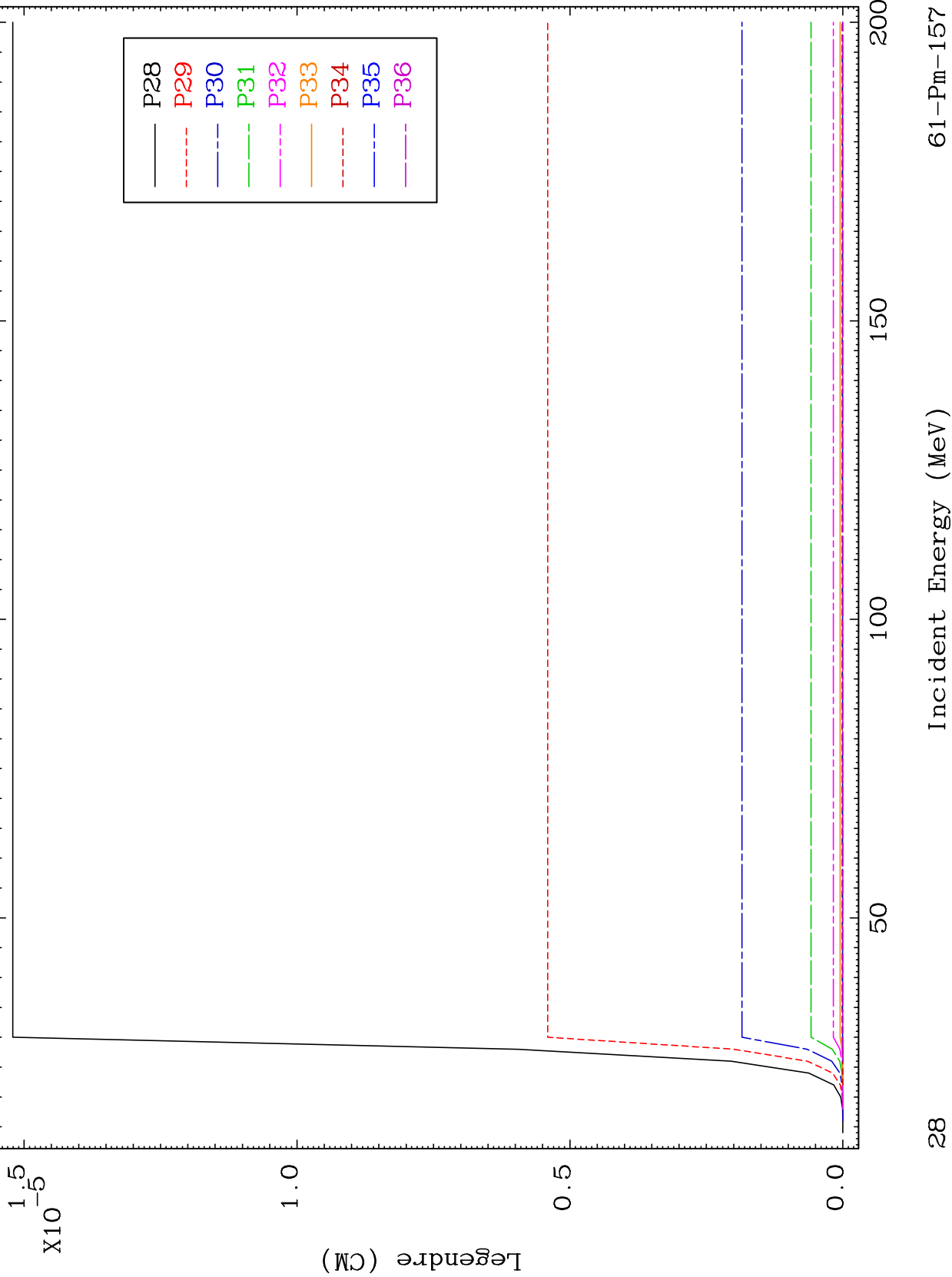
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



28

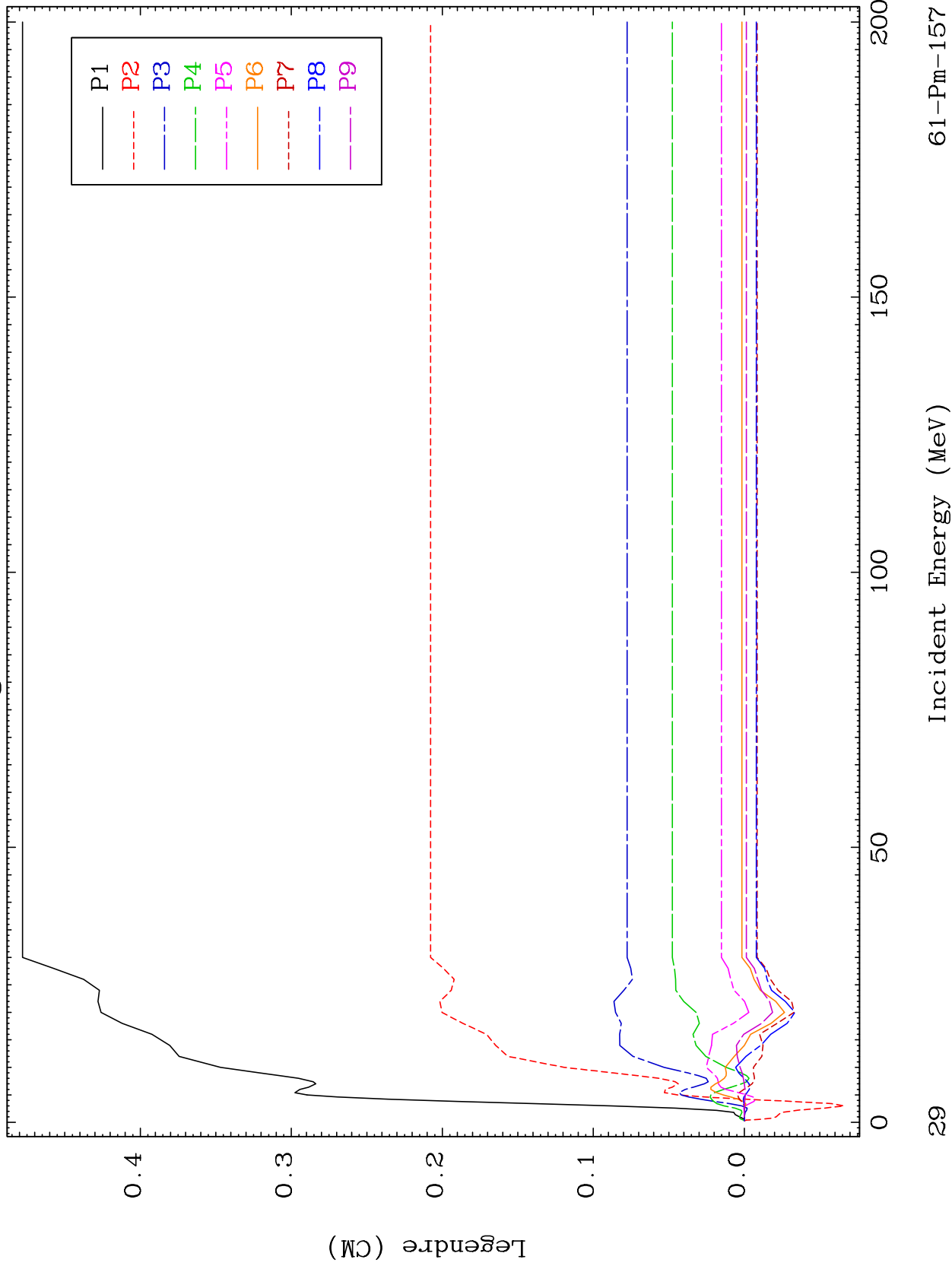
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

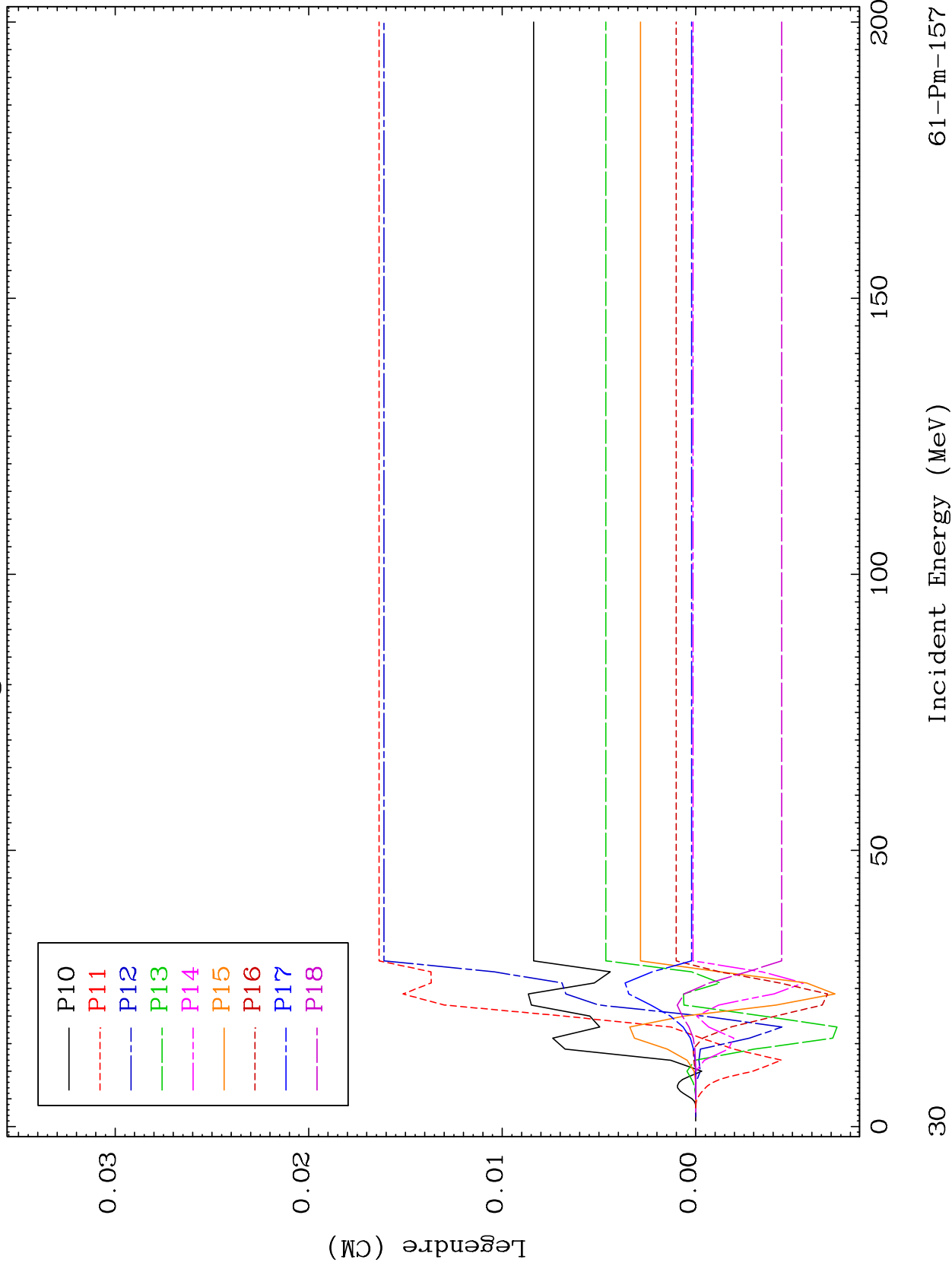
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MAT 6179

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

61-Pm-157



61-Pm-157

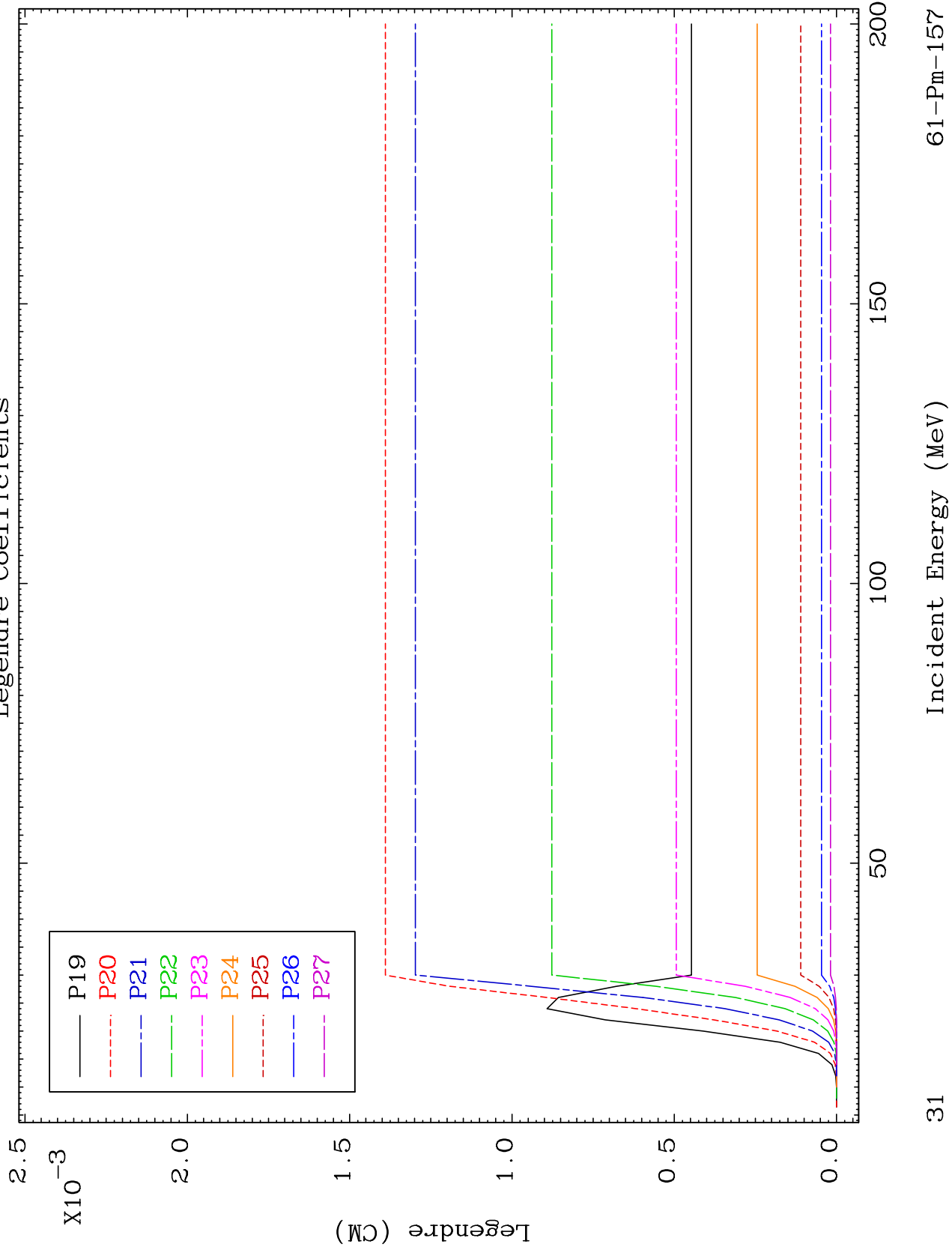
Incident Energy (MeV)

30

MAT 6179

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

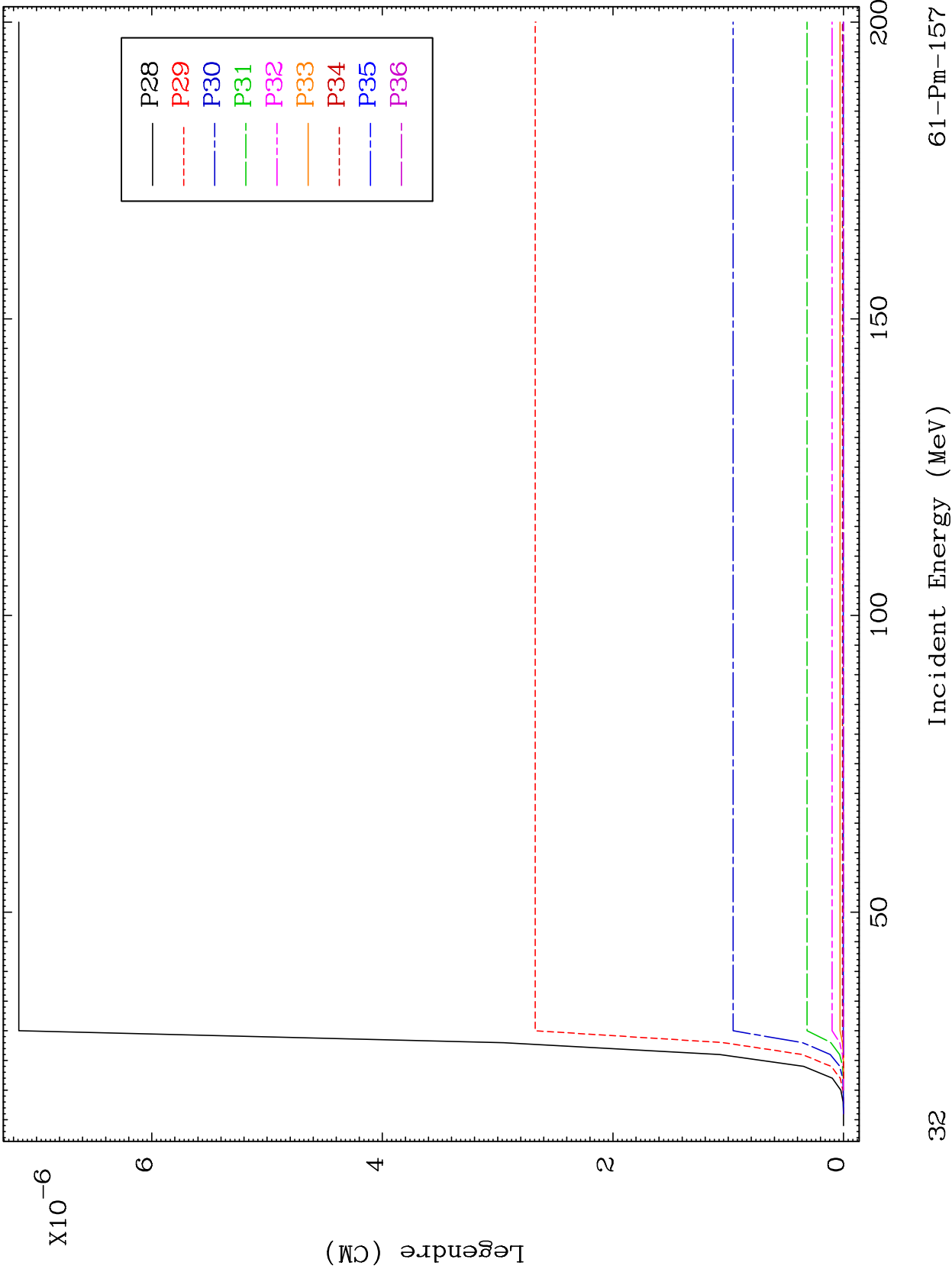
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MAT 6179

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

61-Pm-157



32

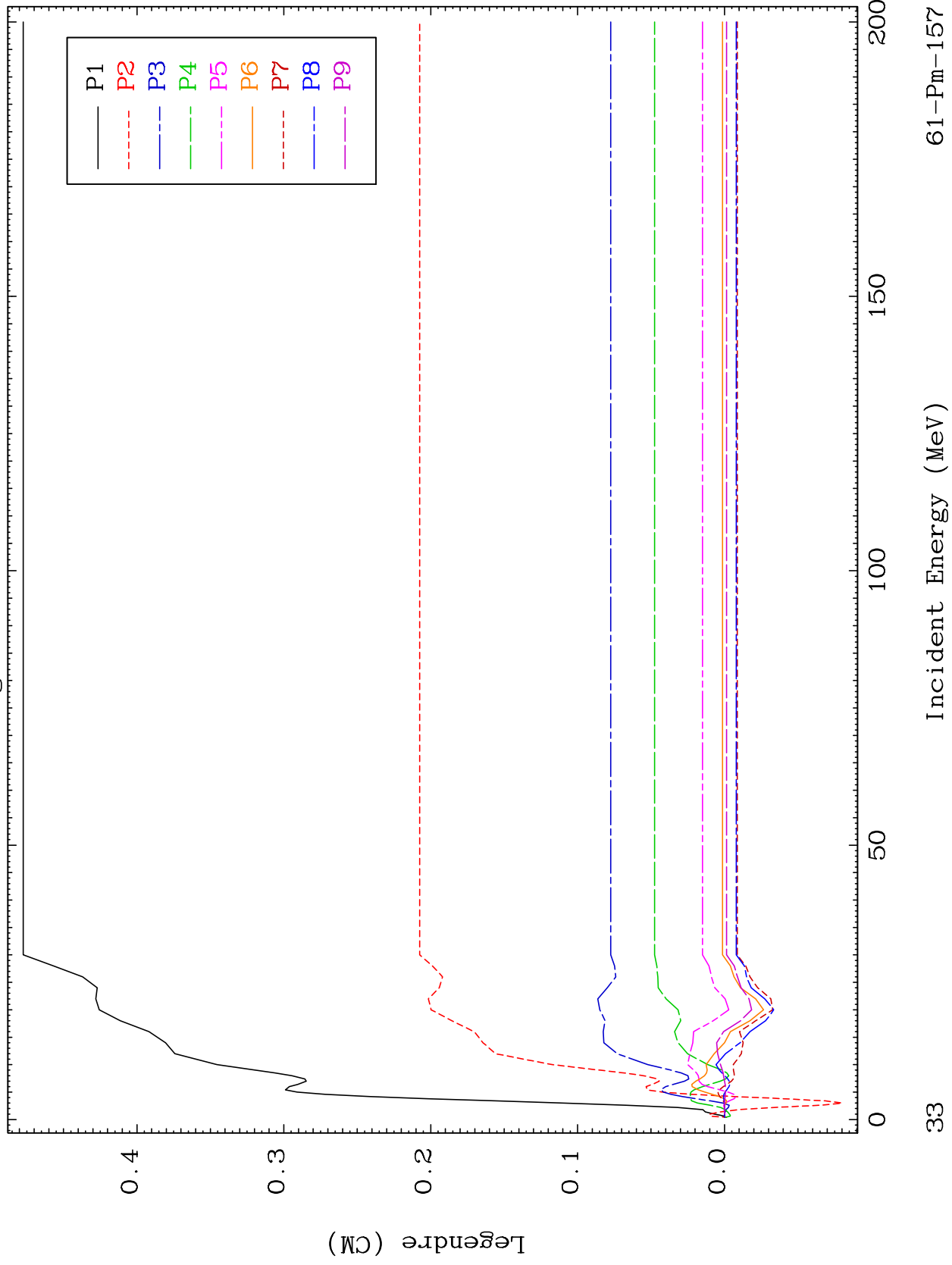
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



61-Pm-157

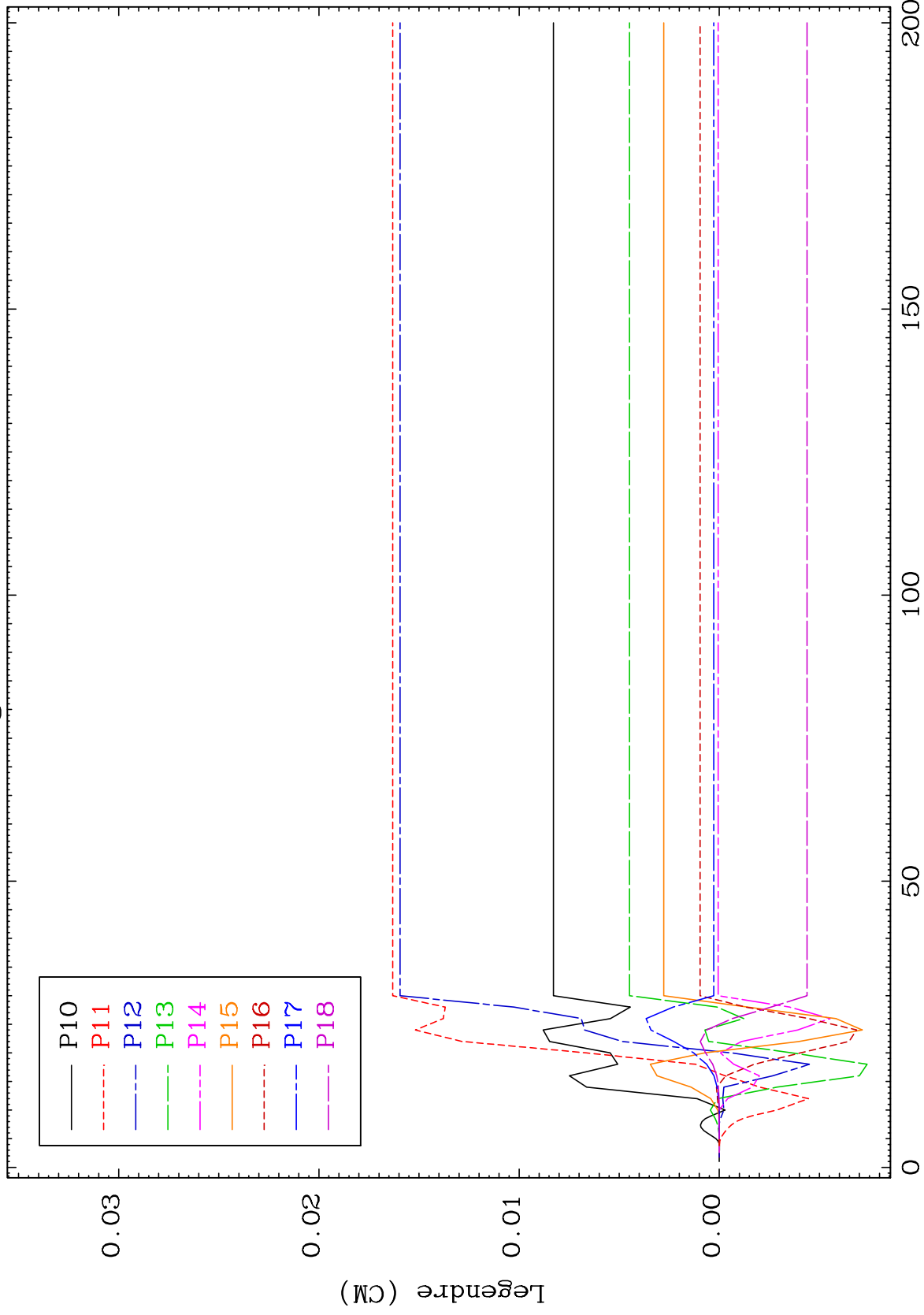
Incident Energy (MeV)

33

MAT 6179

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

61-Pm-157



34

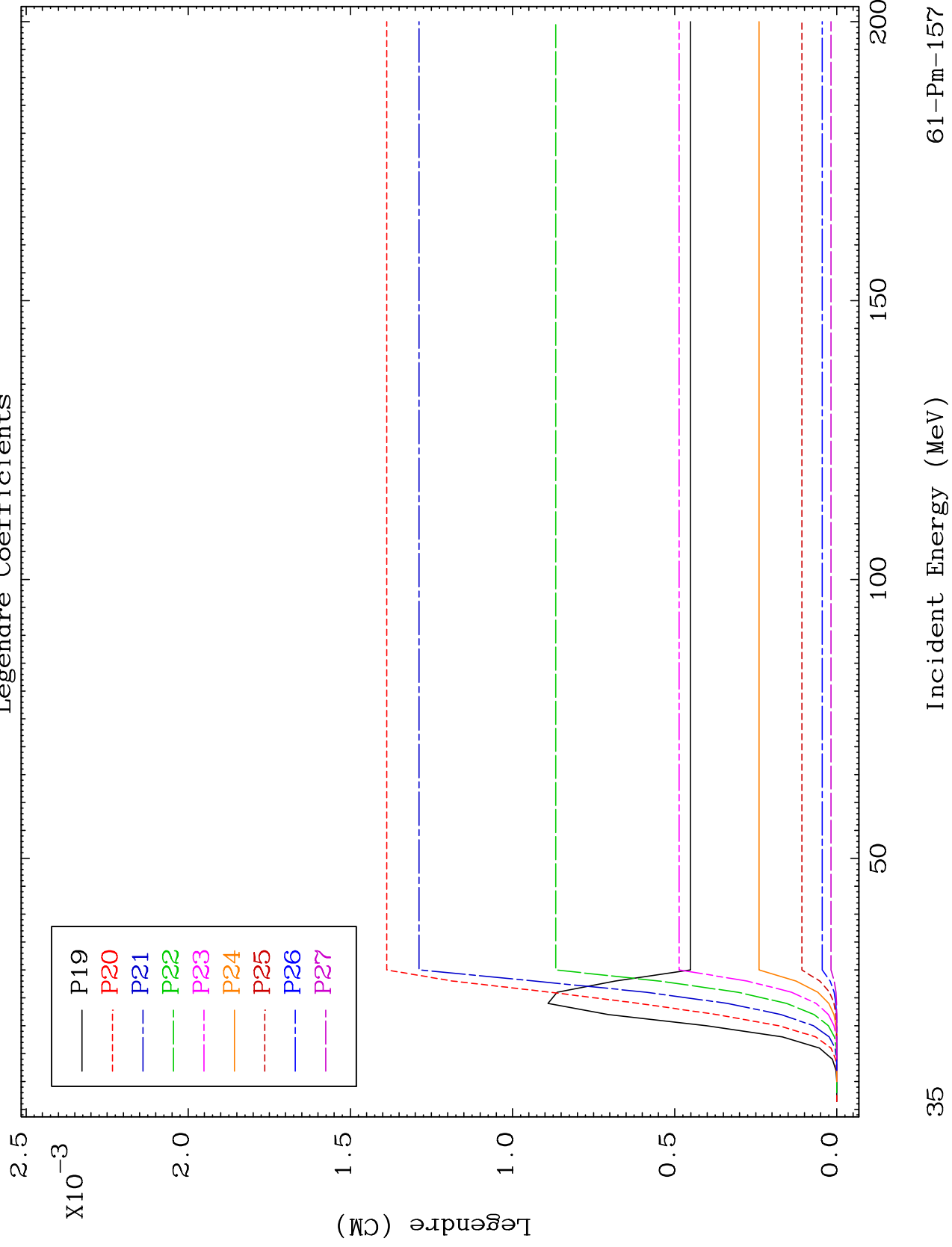
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



35

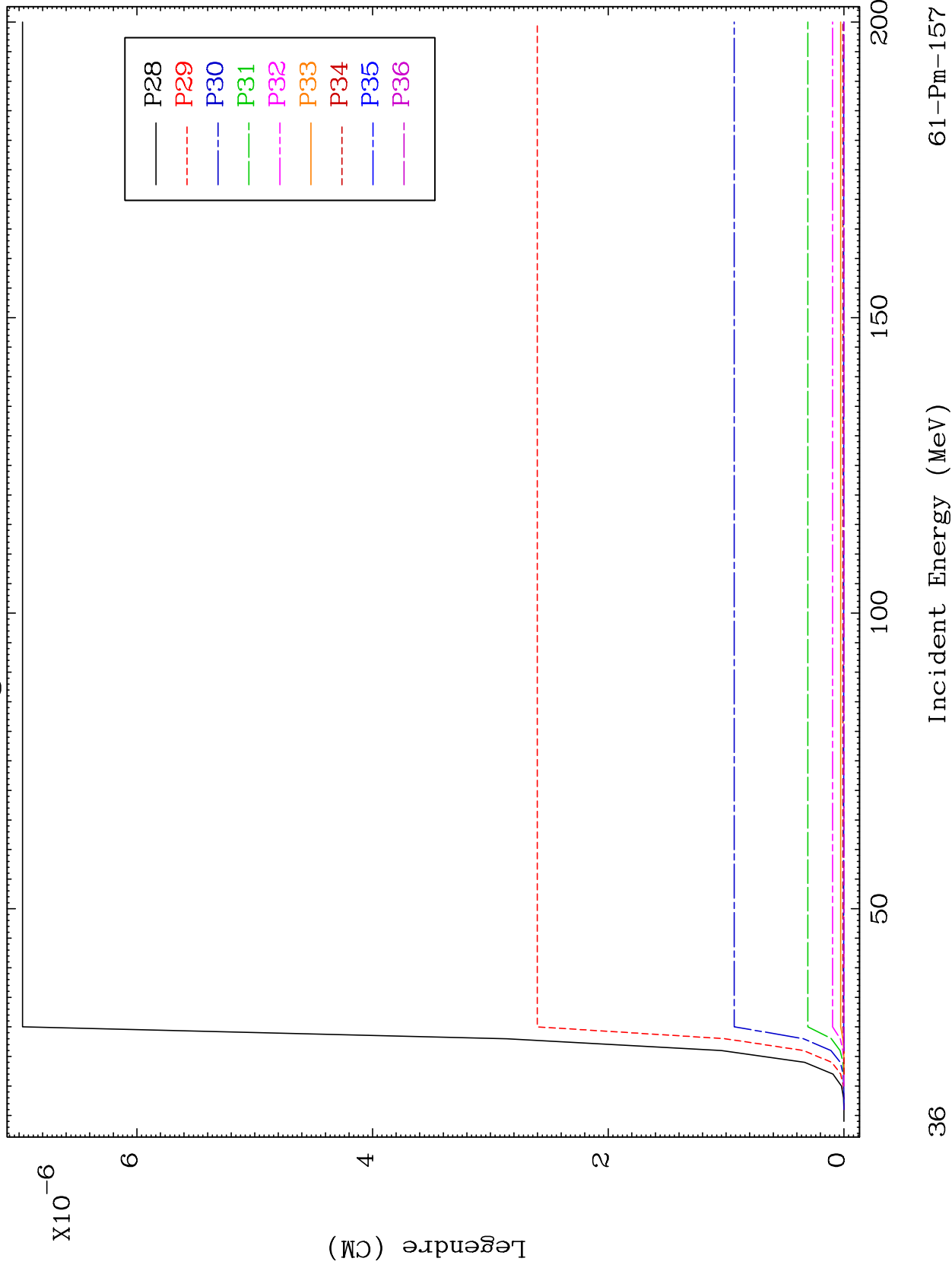
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



36

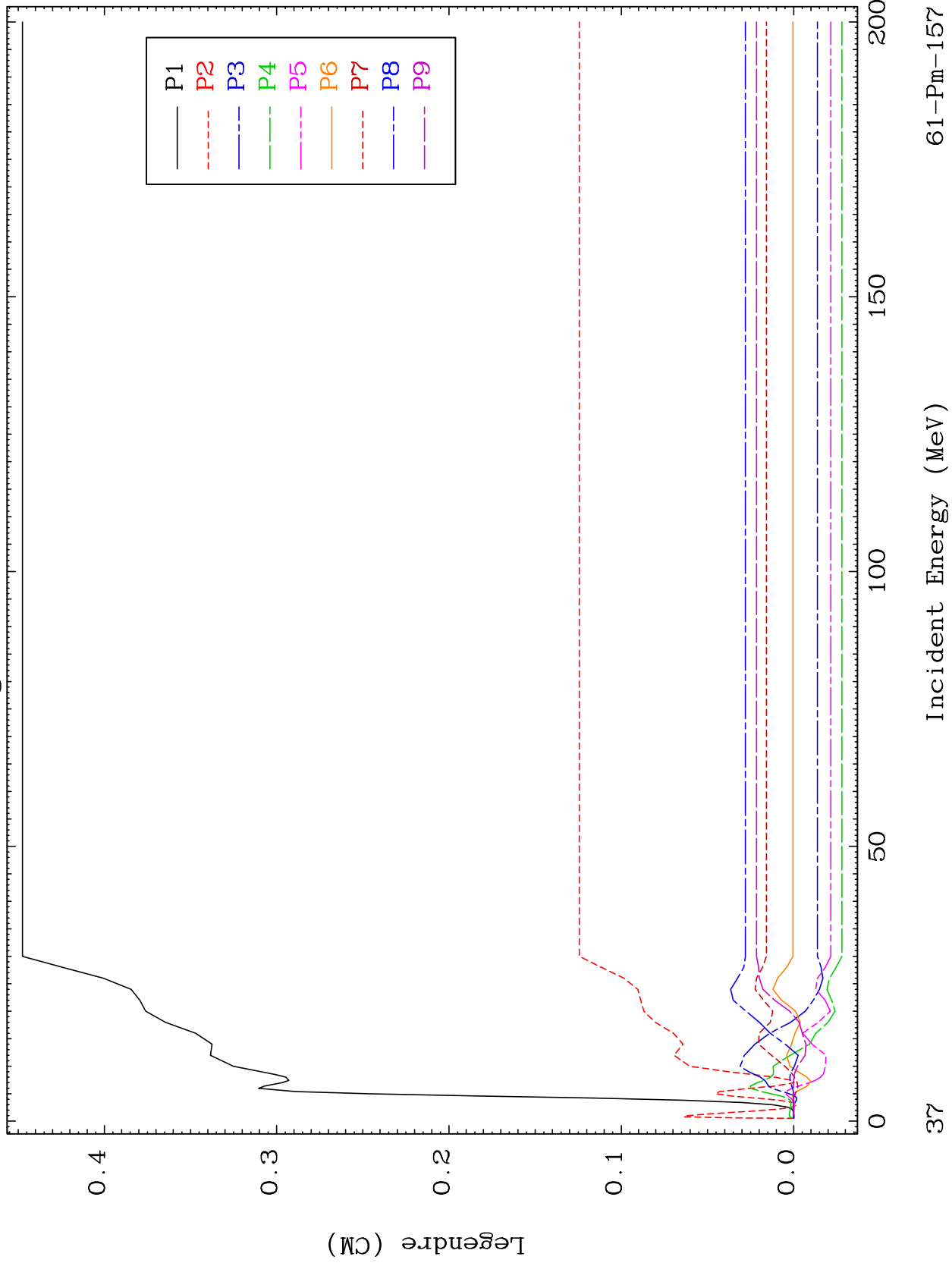
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



61-Pm-157

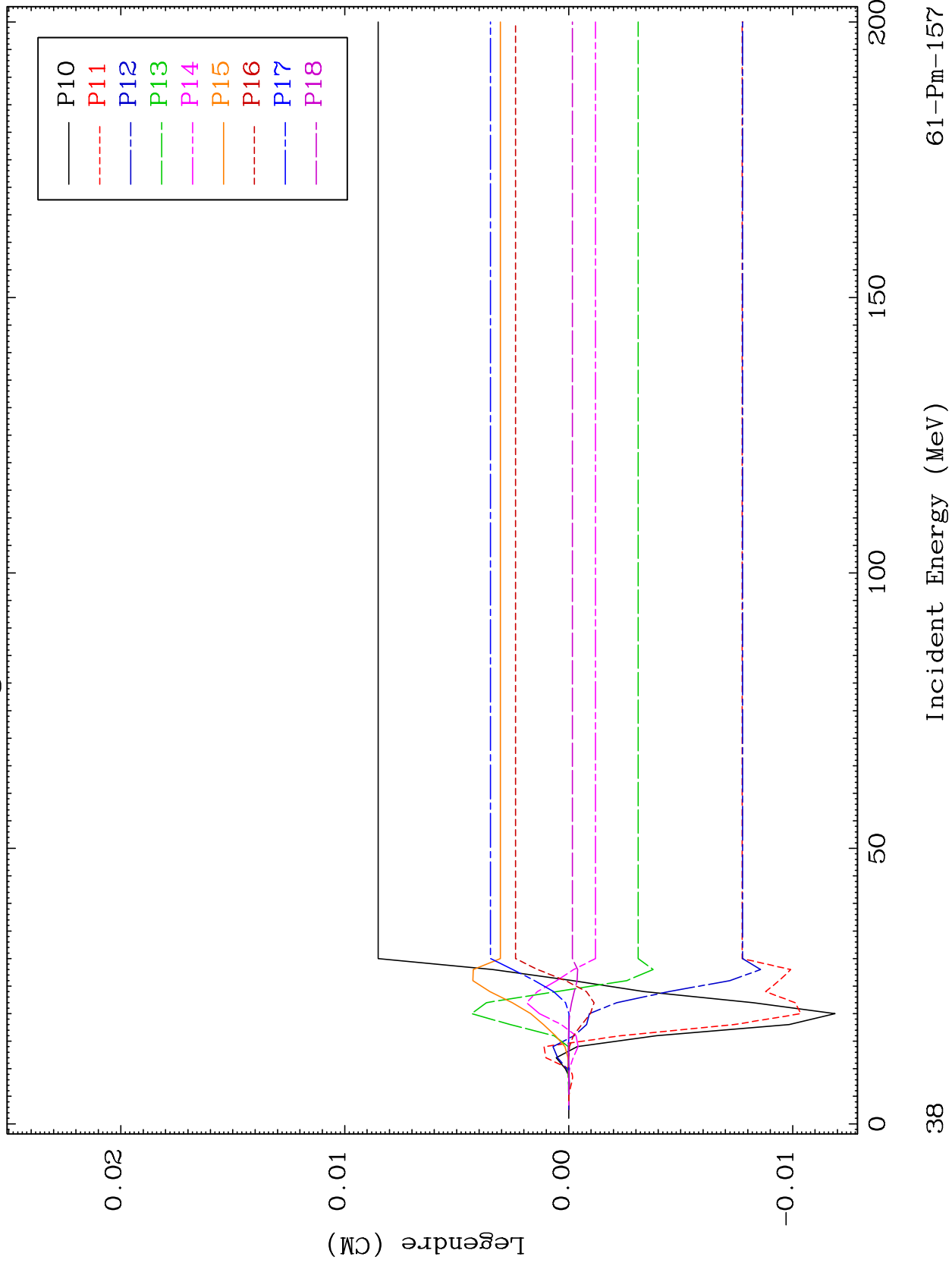
Incident Energy (MeV)

37

MAT 6179

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

61-Pm-157



38

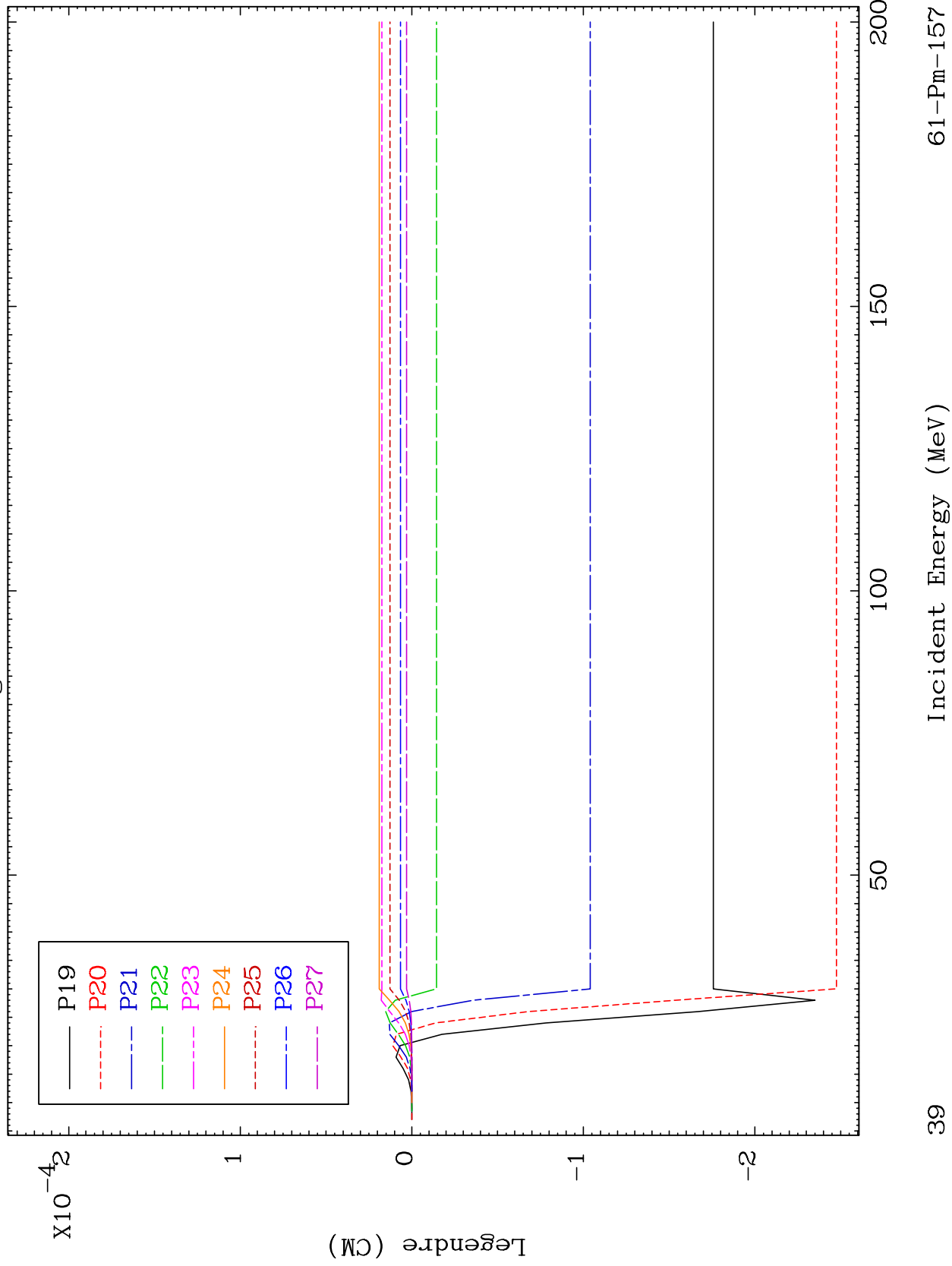
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



39

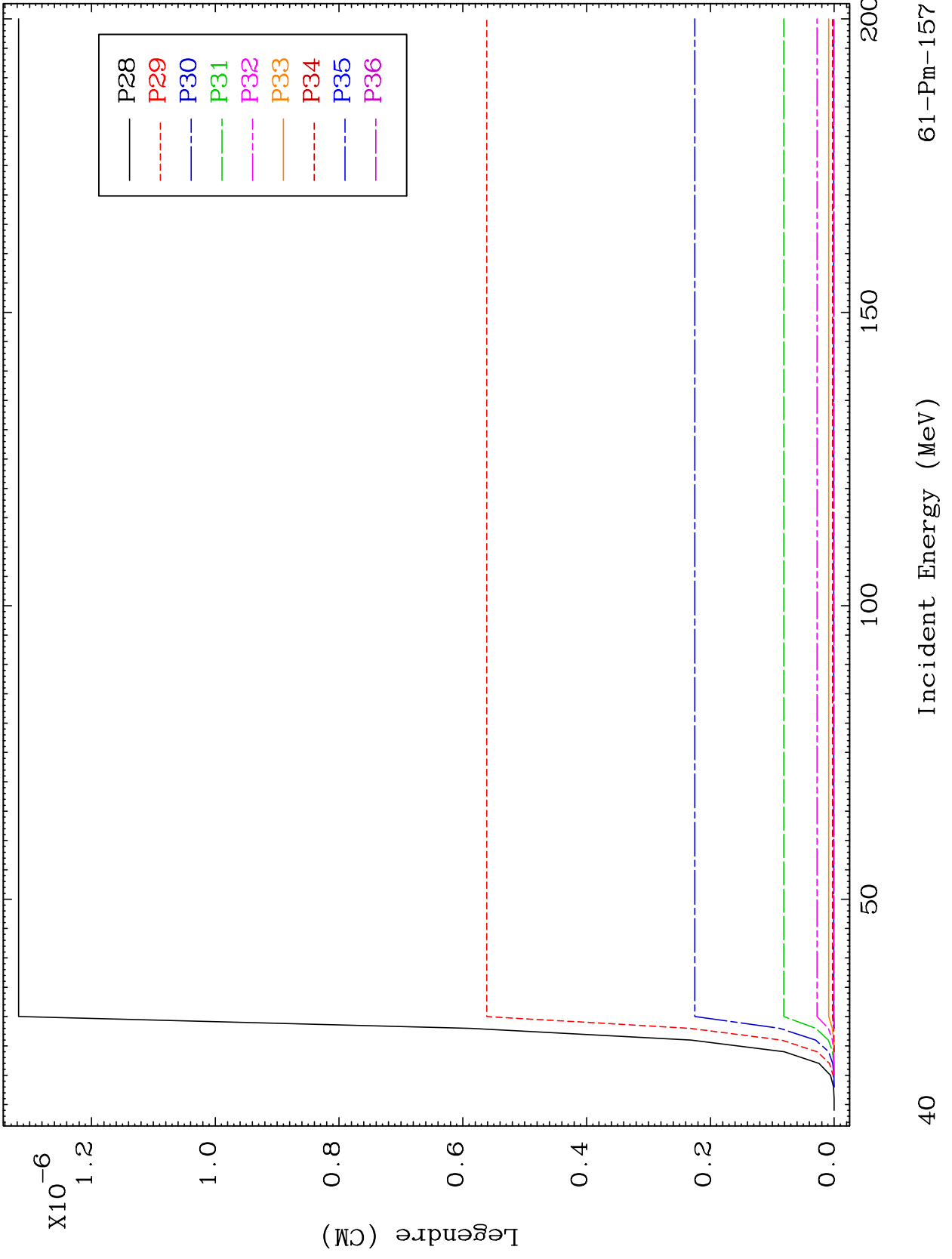
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

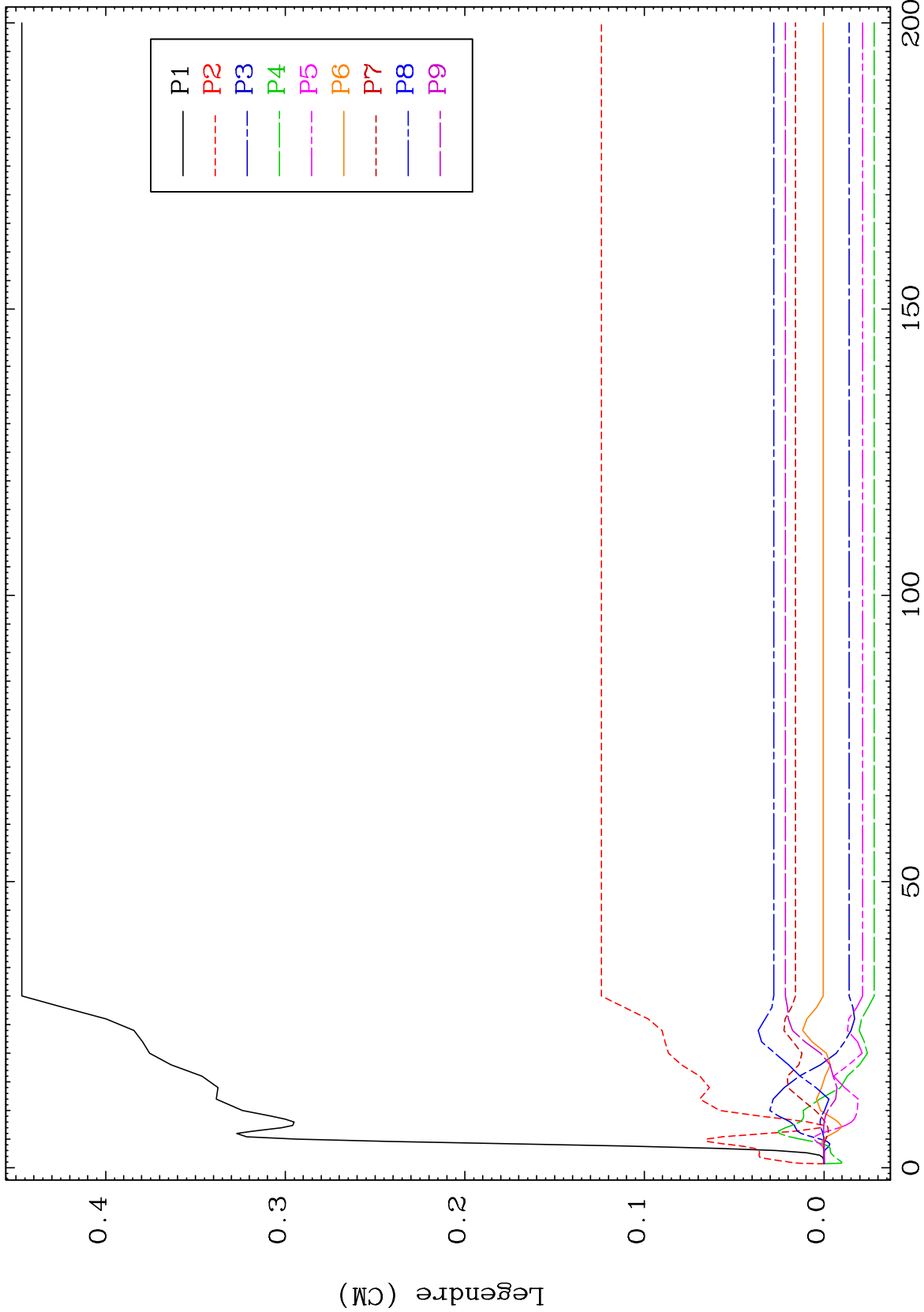
61-Pm-157



MAT 6179

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

61-Pm-157



41

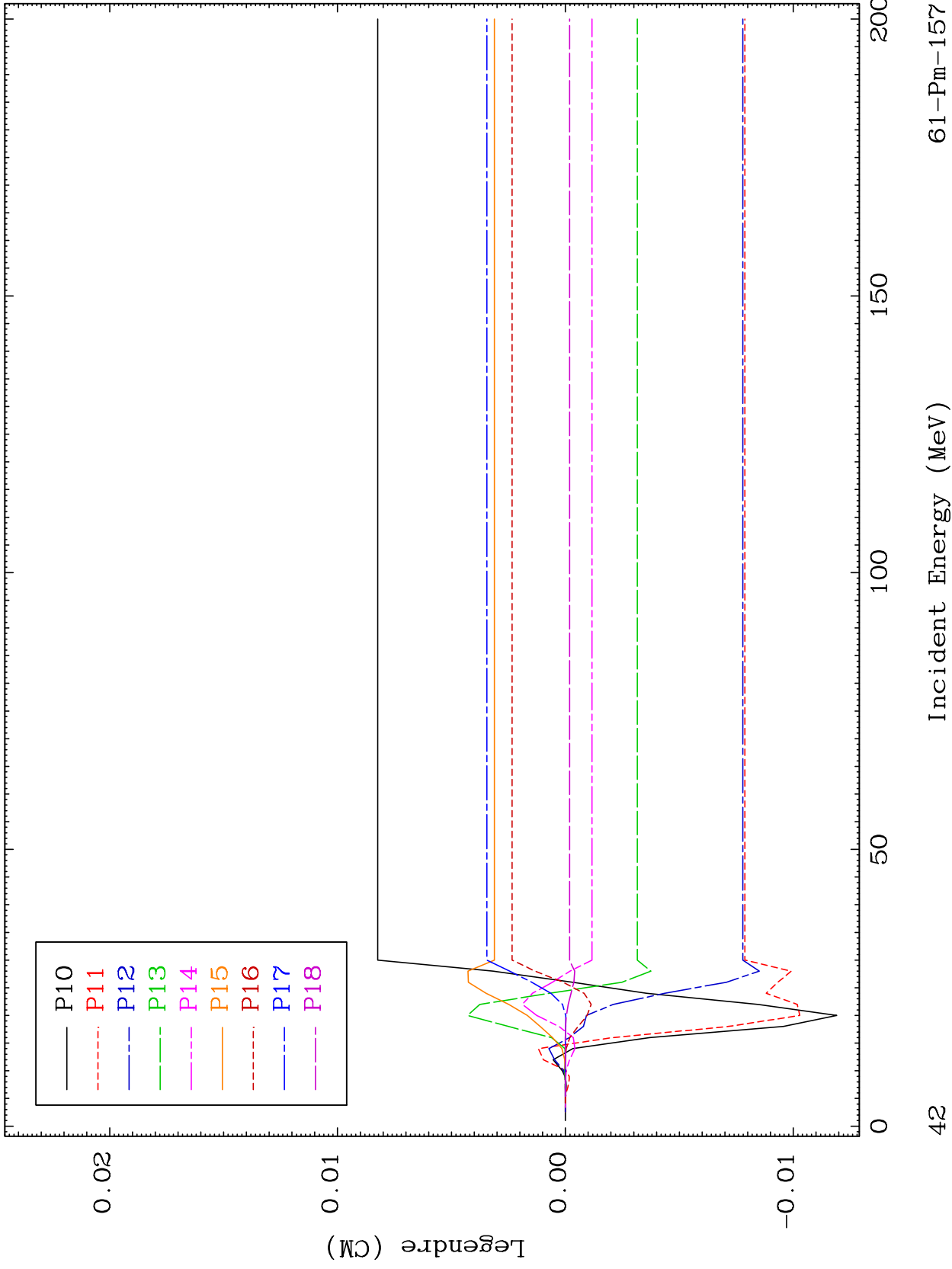
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



42

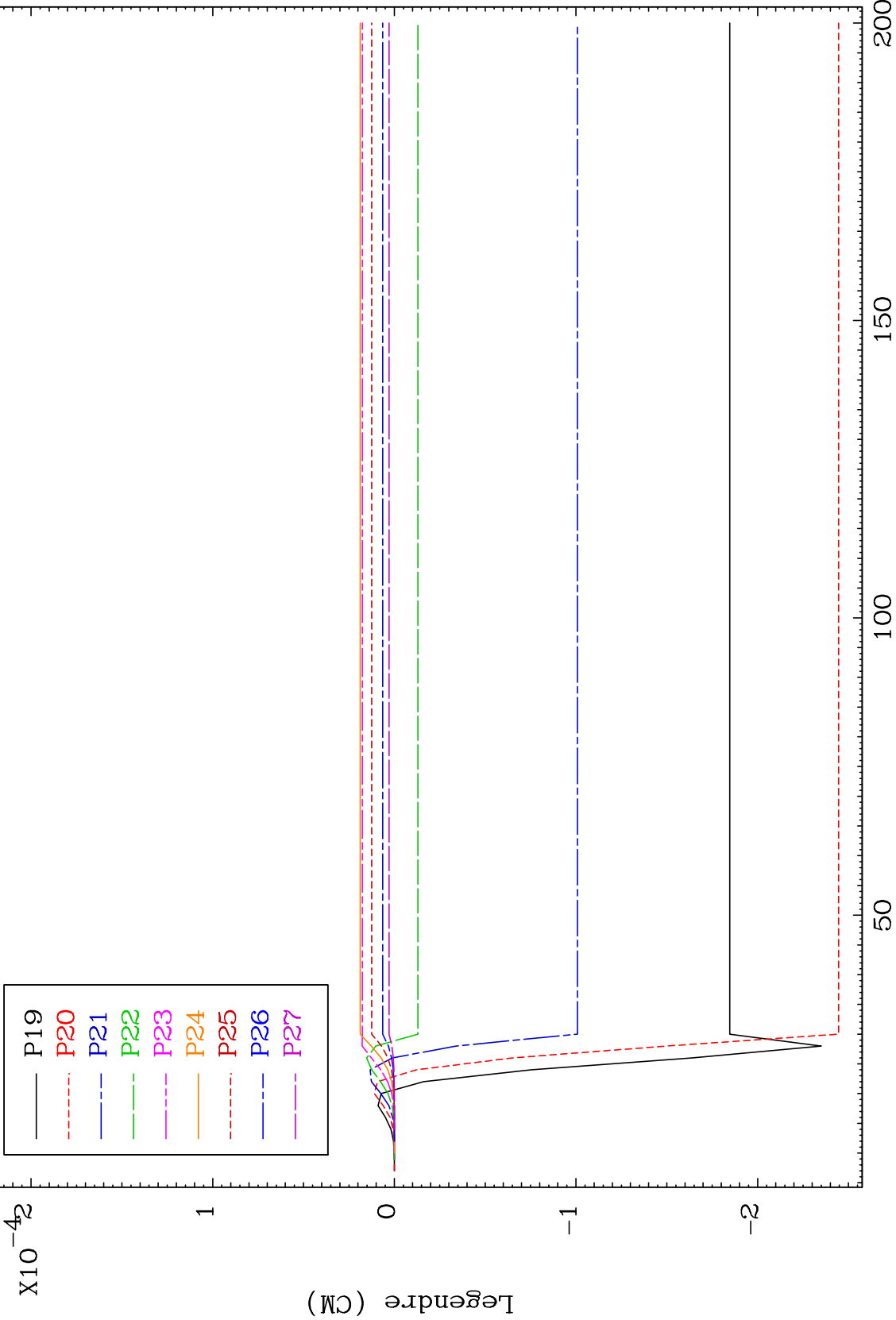
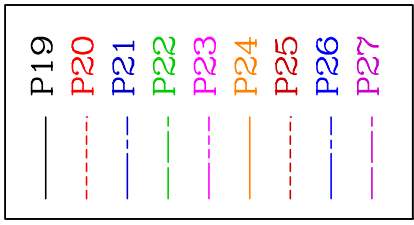
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

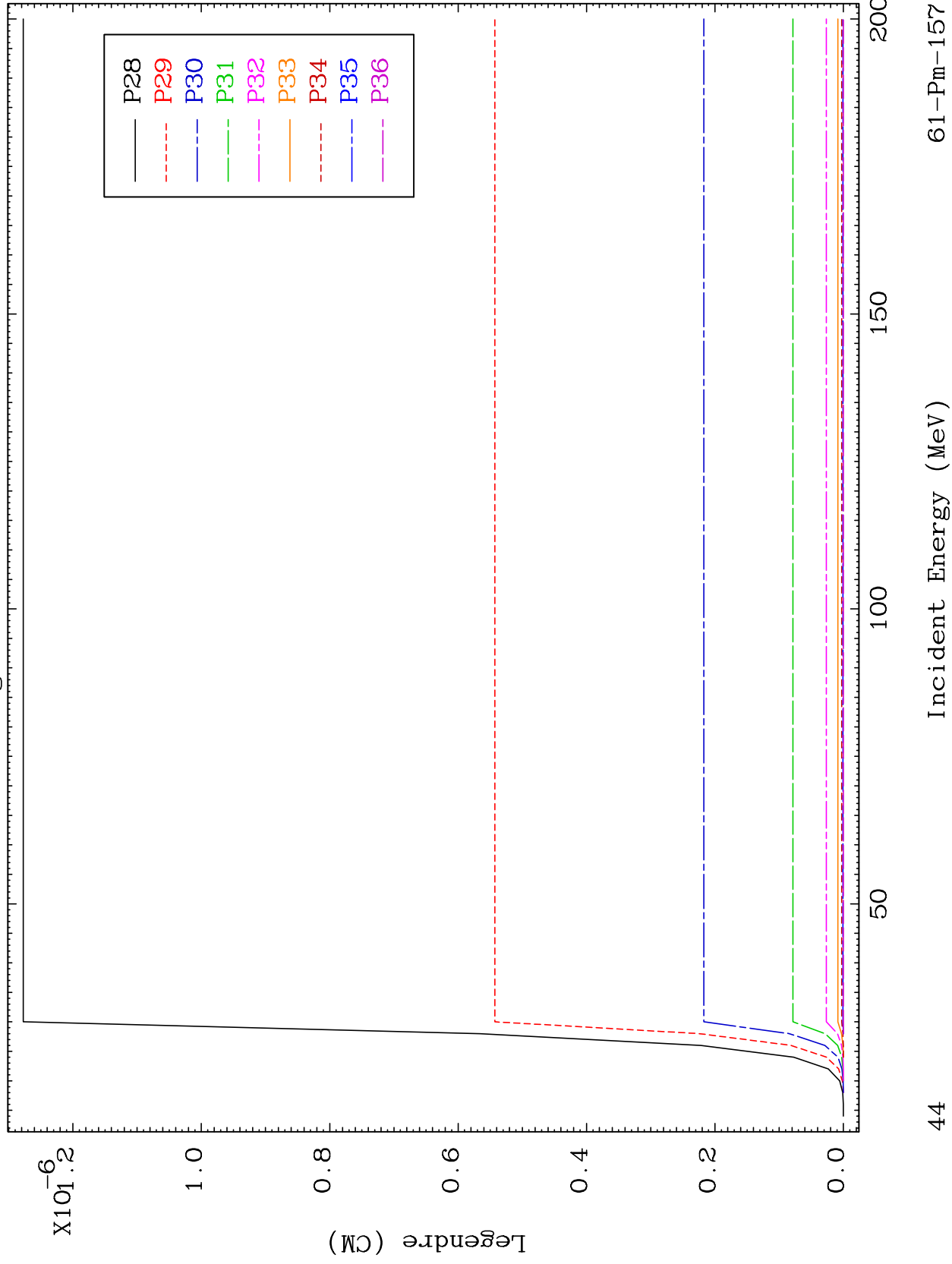
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MAT 6179

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

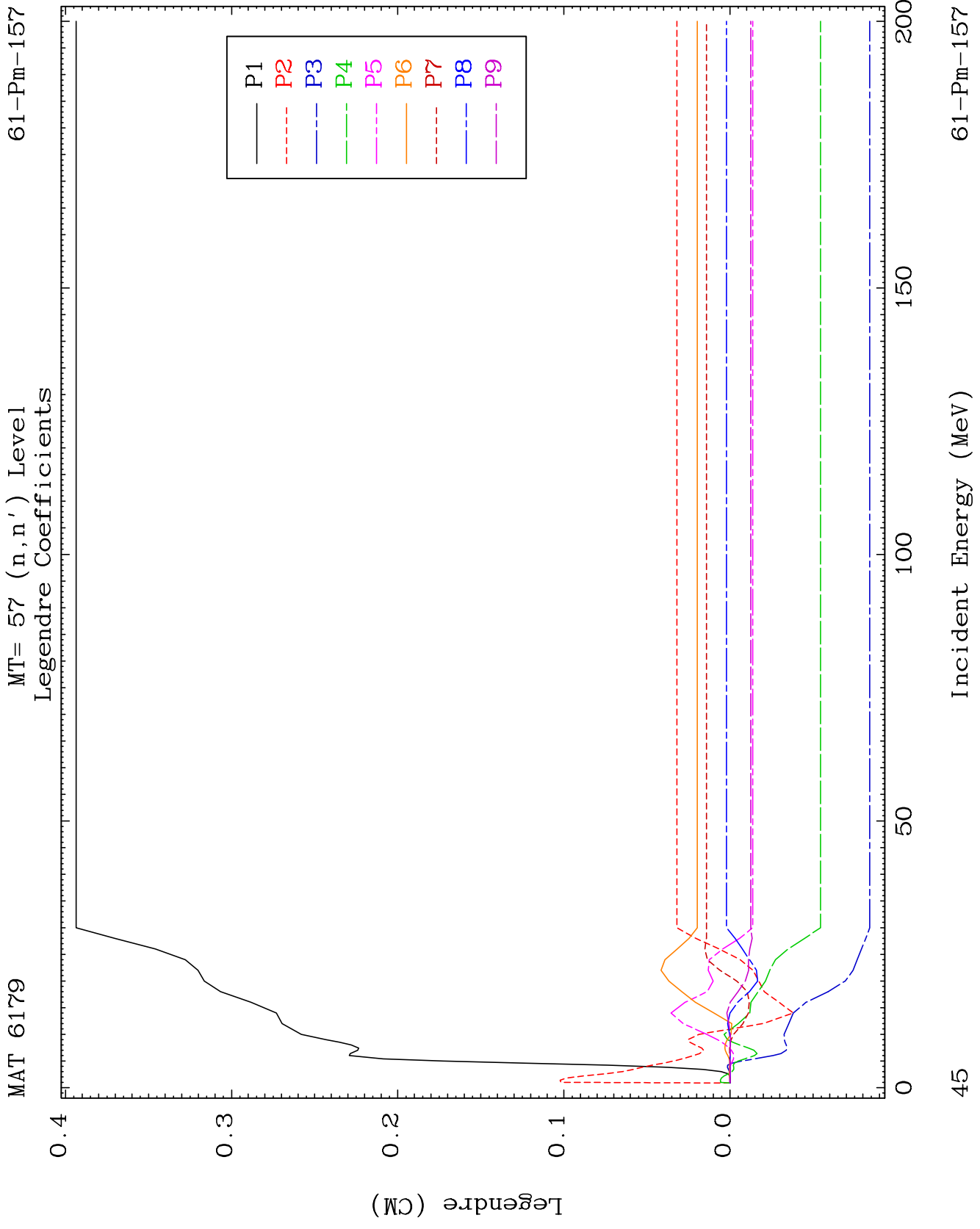
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44

Incident Energy (MeV)

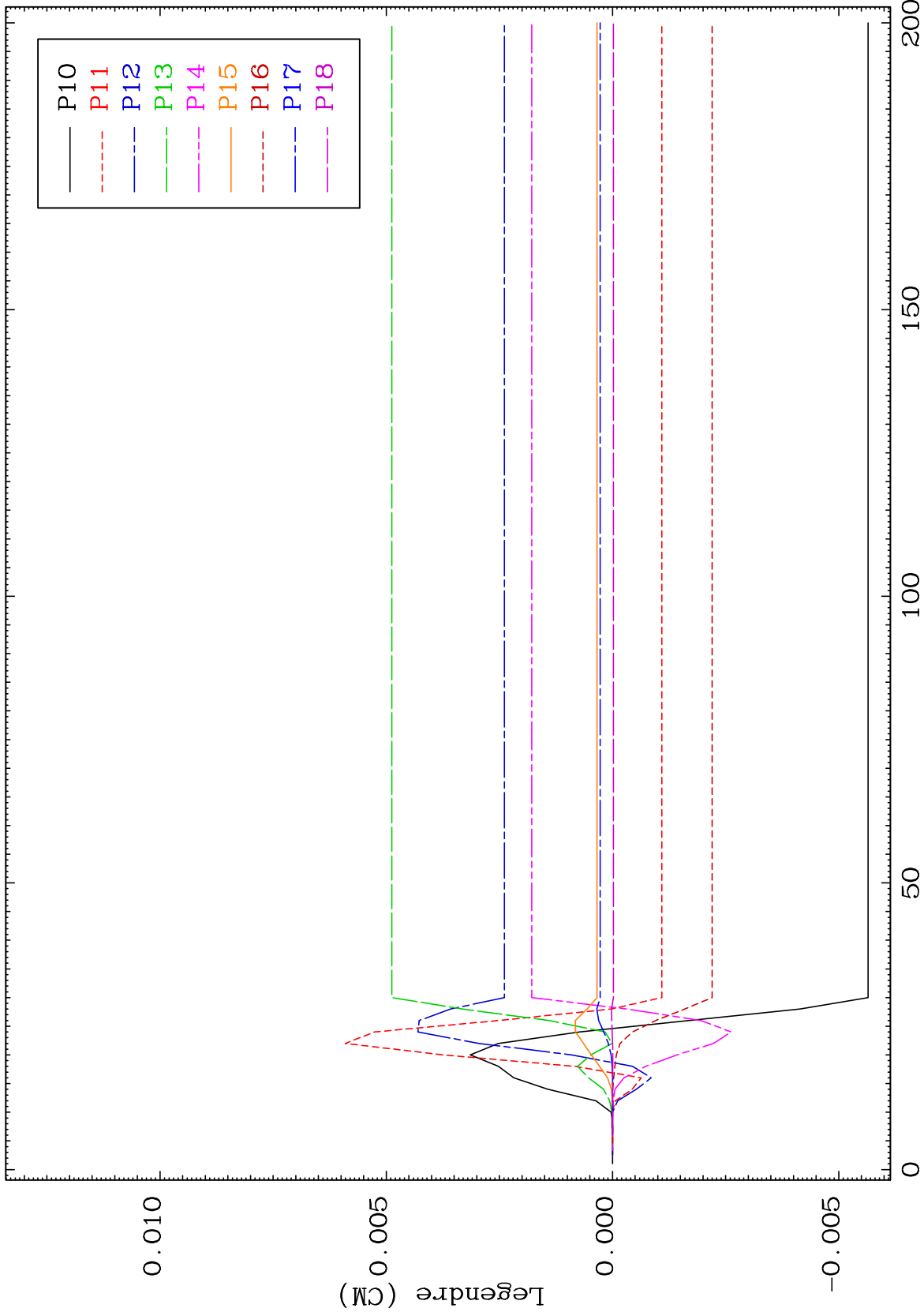
61-Pm-157



MAT 6179

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

61-Pm-157



46

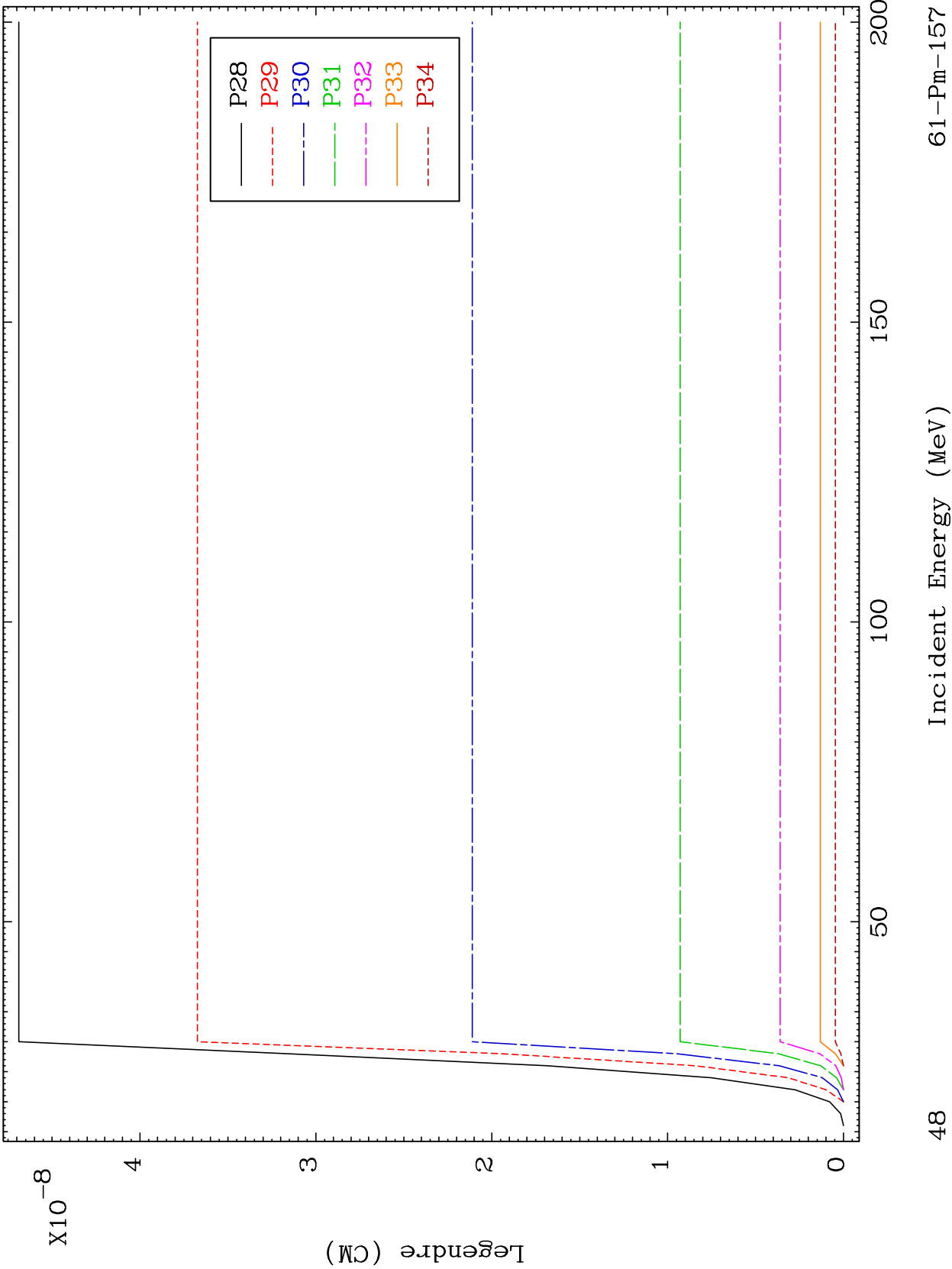
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

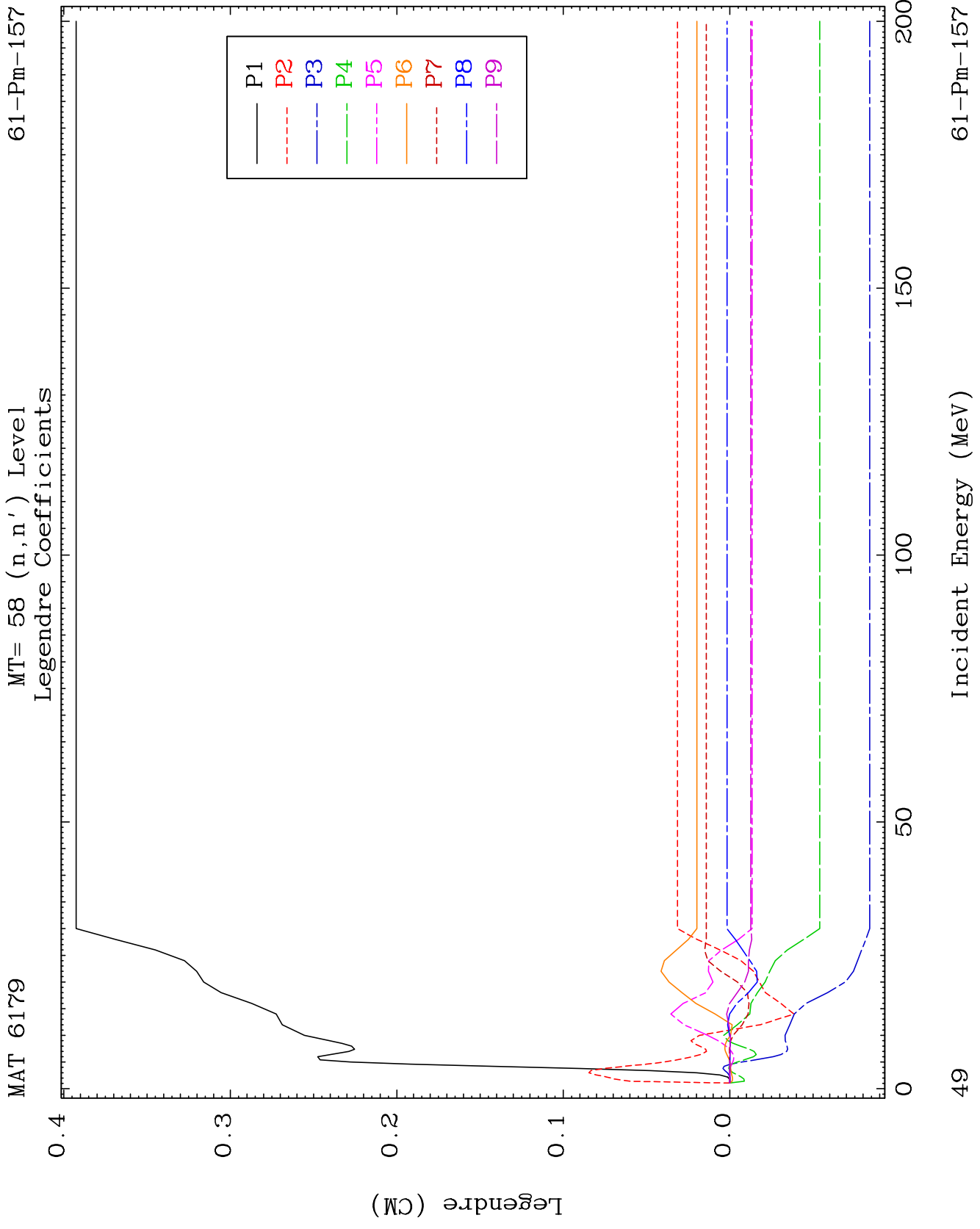
61-Pm-157



61-Pm-157

Incident Energy (MeV)

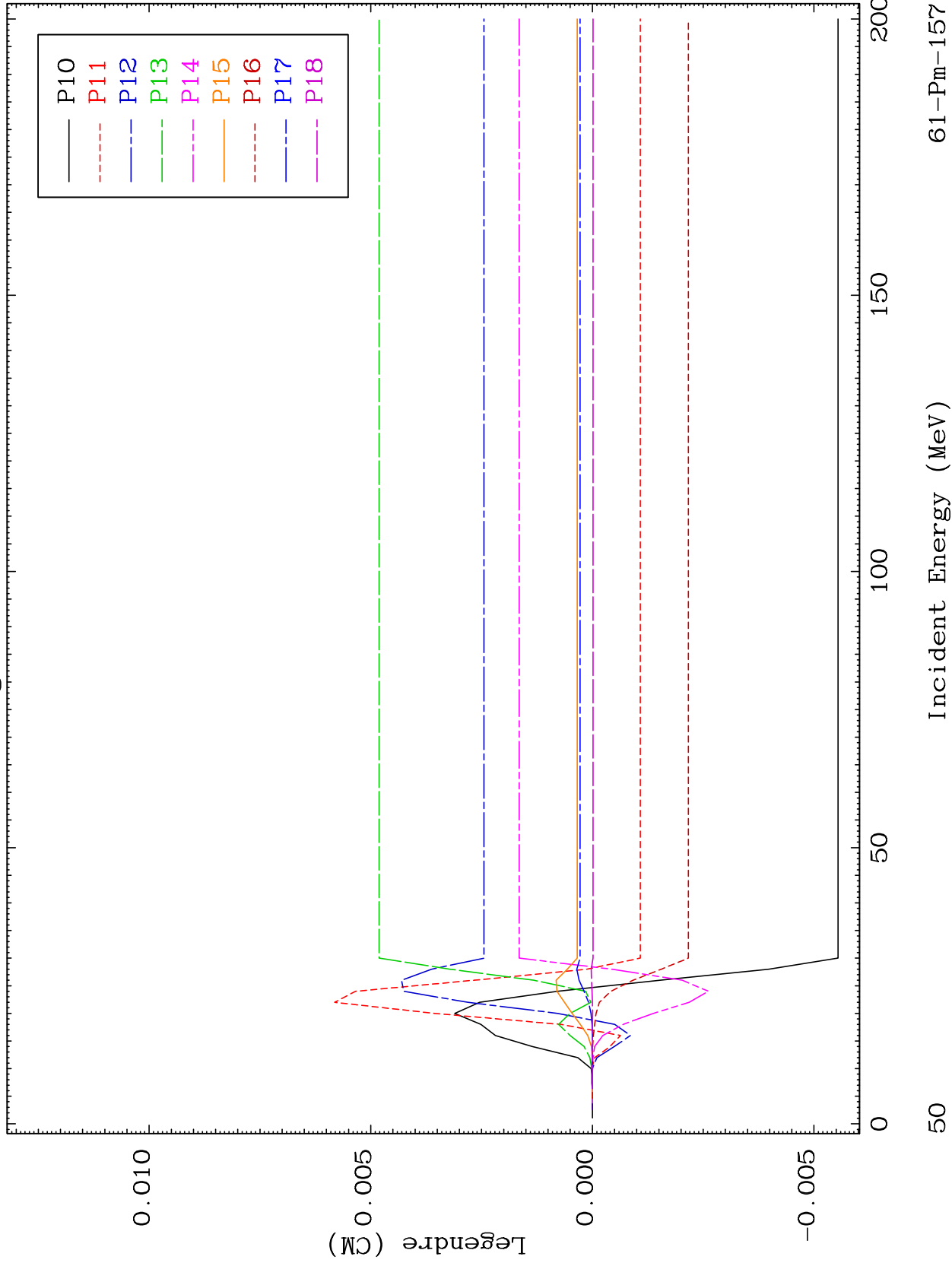
48



MAT 6179

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

61-Pm-157



61-Pm-157

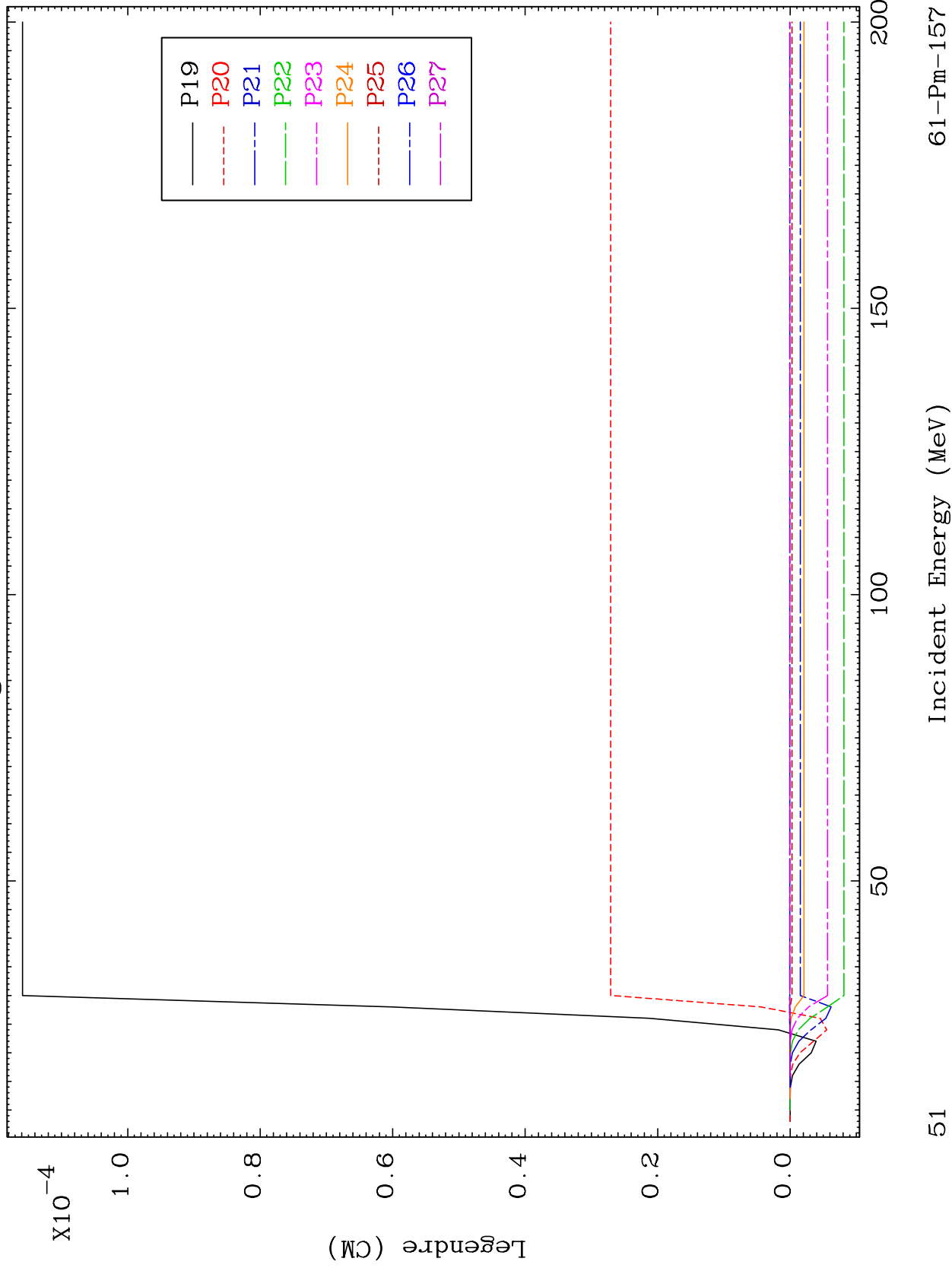
Incident Energy (MeV)

50

MAT 6179

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

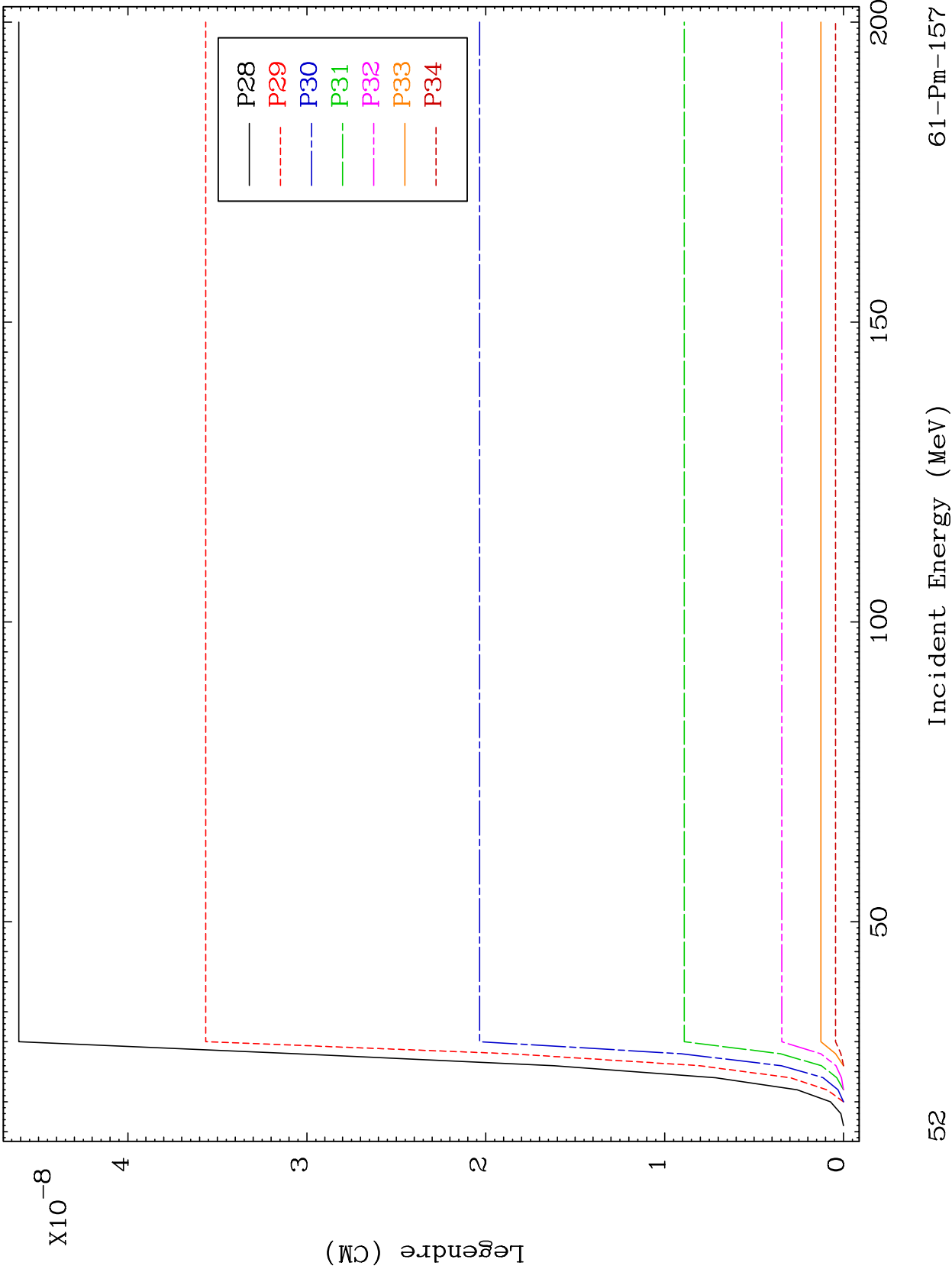
61-Pm-157



MAT 6179

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

61-Pm-157



52

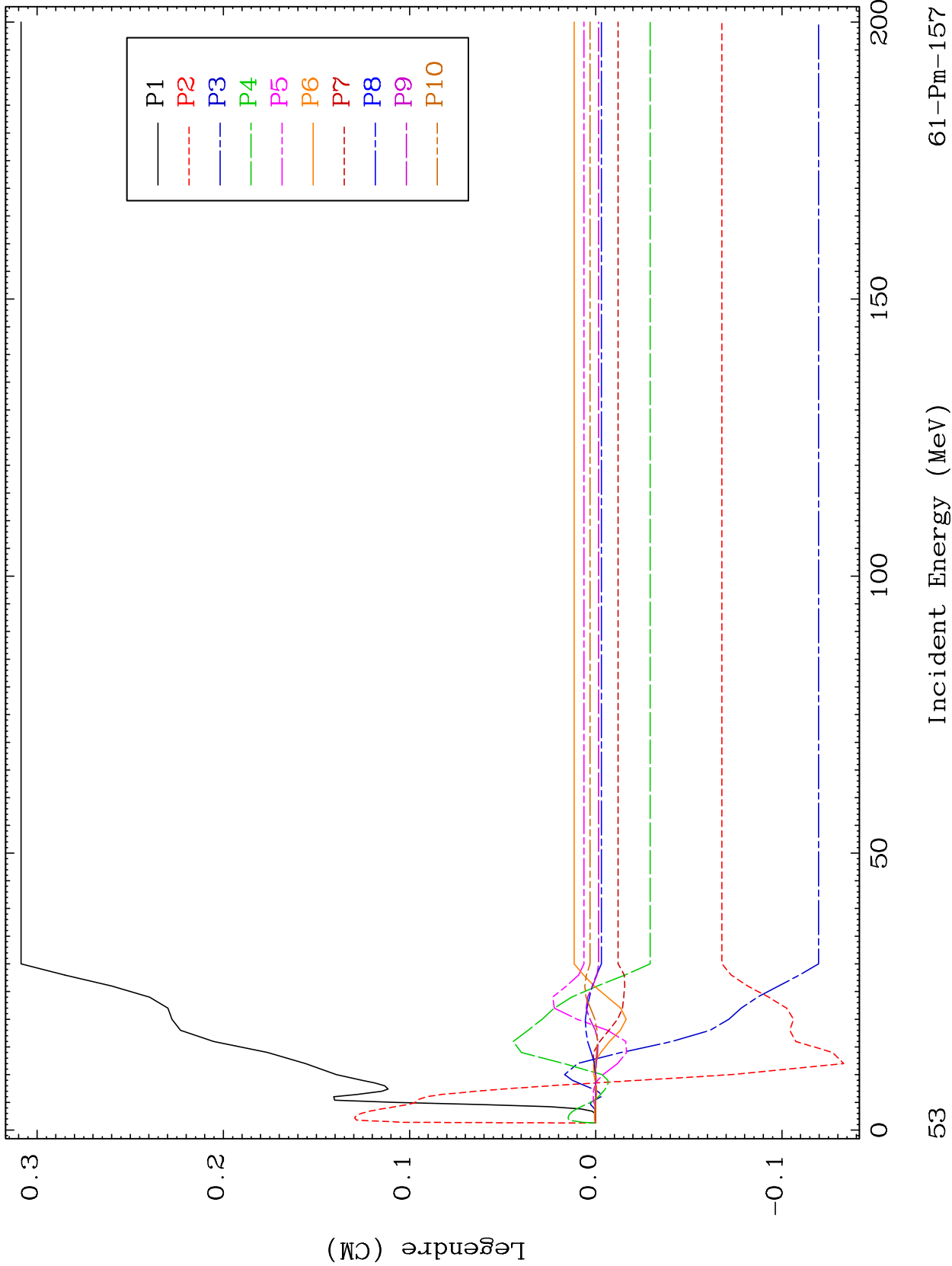
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



61-Pm-157

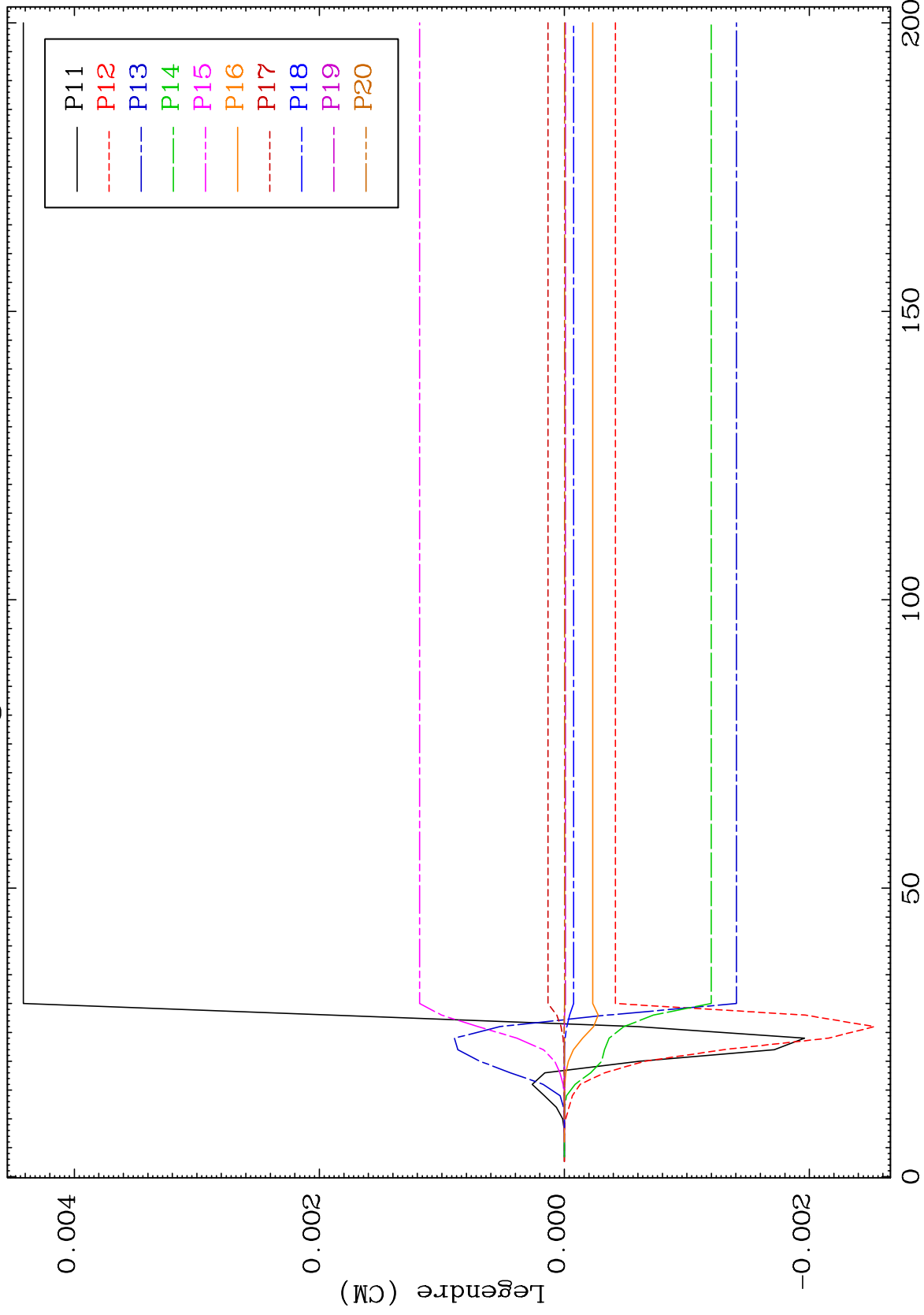
Incident Energy (MeV)

53

MAT 6179

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

61-Pm-157



54

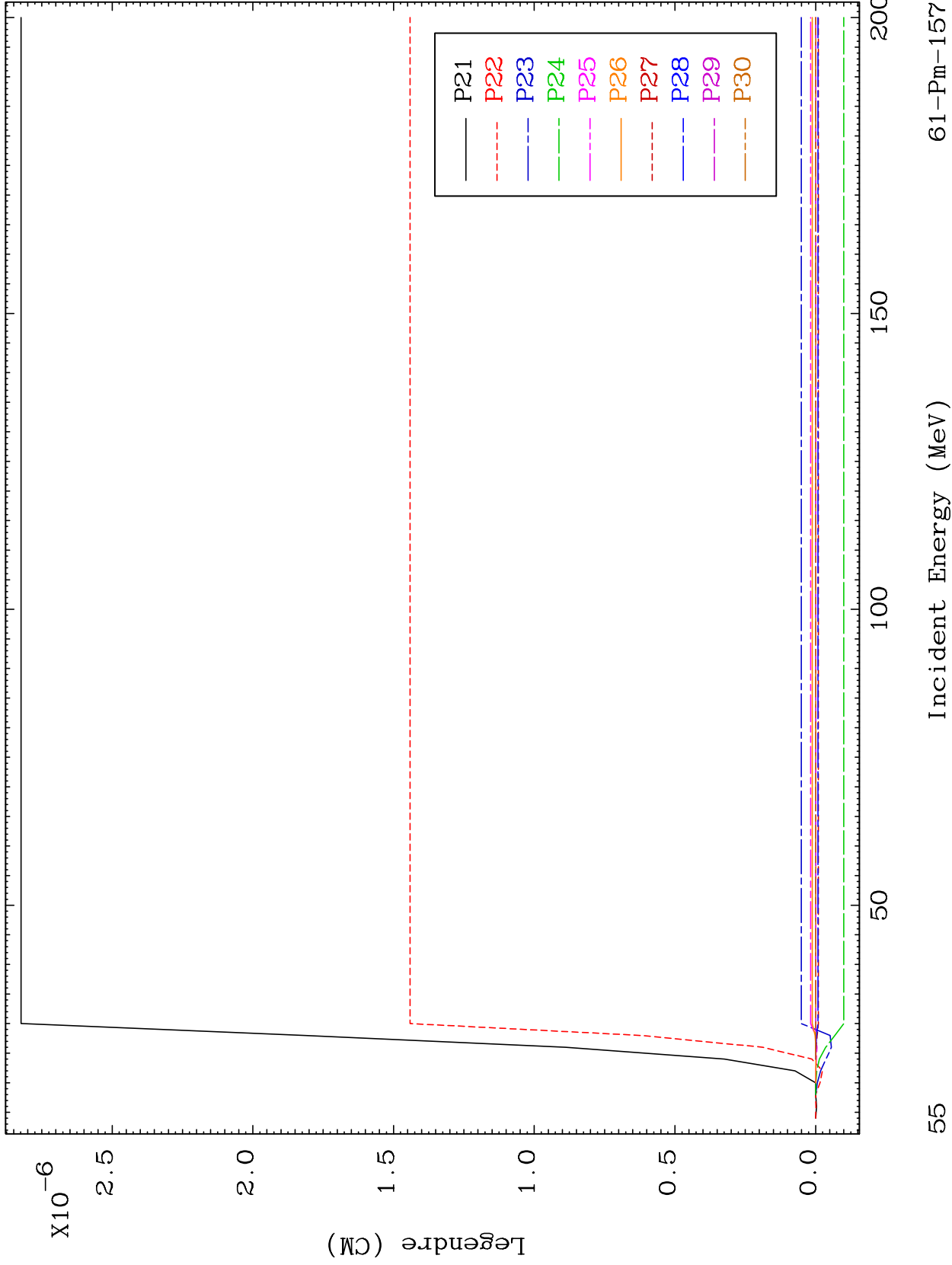
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



55

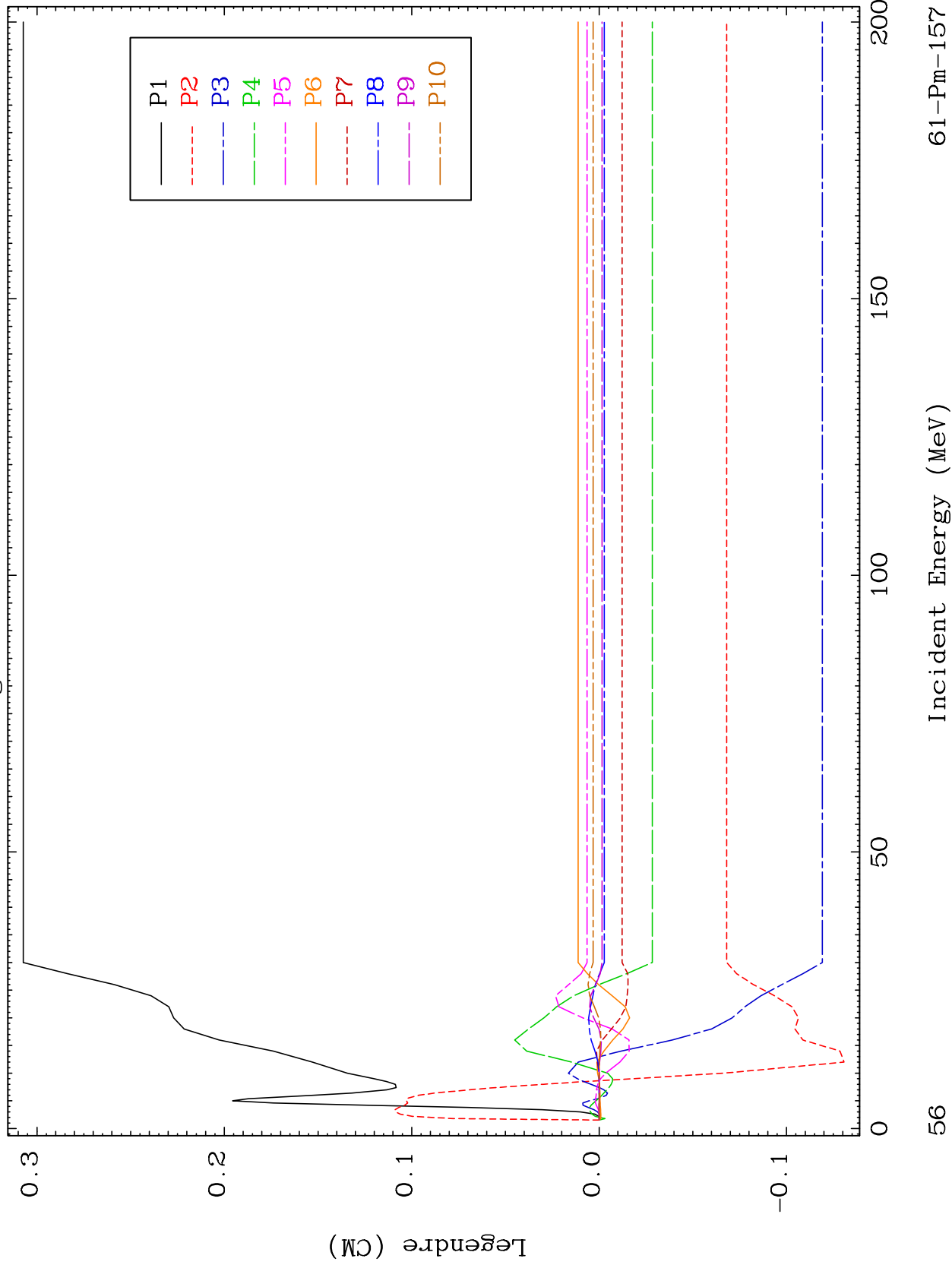
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



61-Pm-157

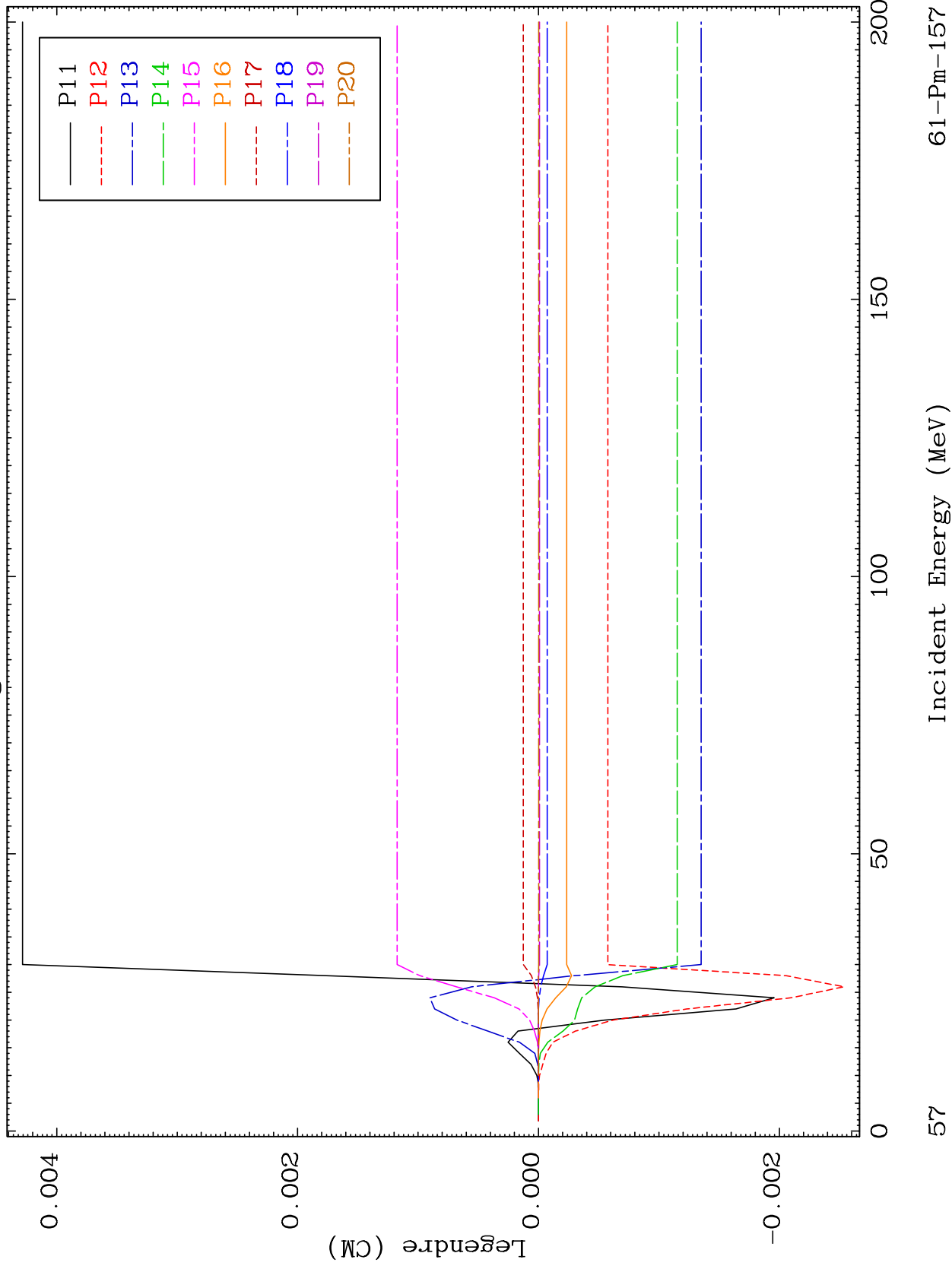
Incident Energy (MeV)

56

MAT 6179

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

61-Pm-157



61-Pm-157

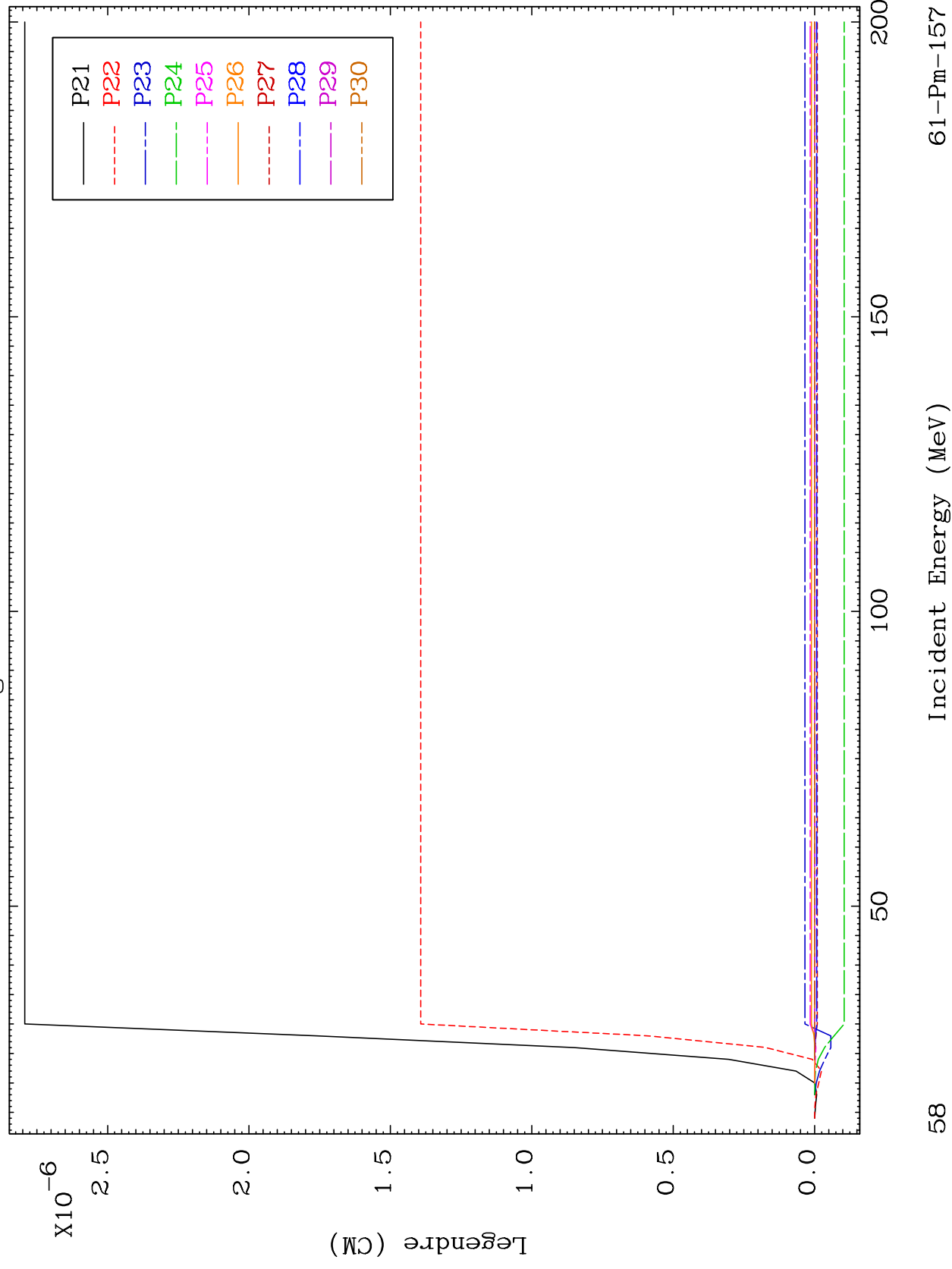
Incident Energy (MeV)

57

MAT 6179

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

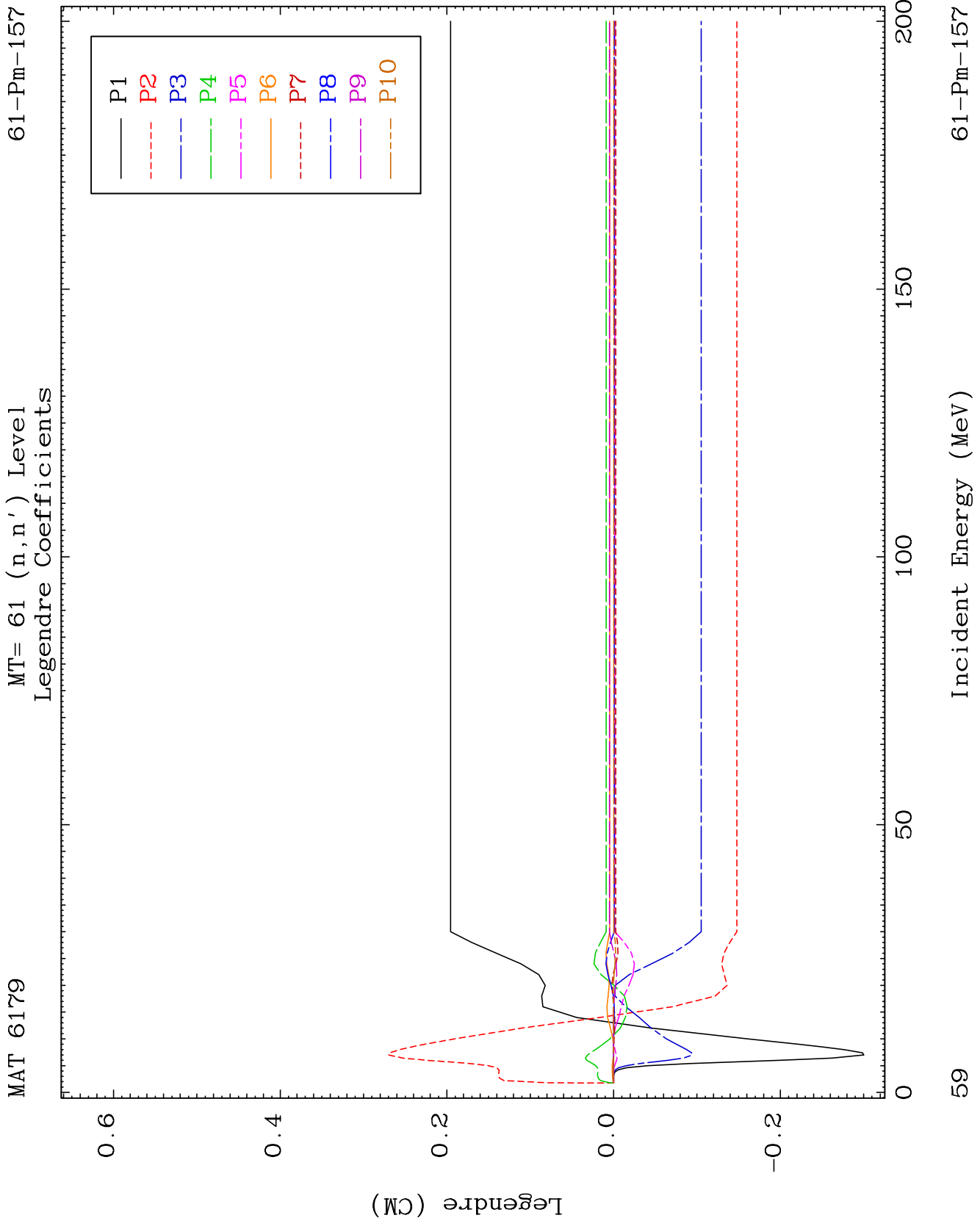
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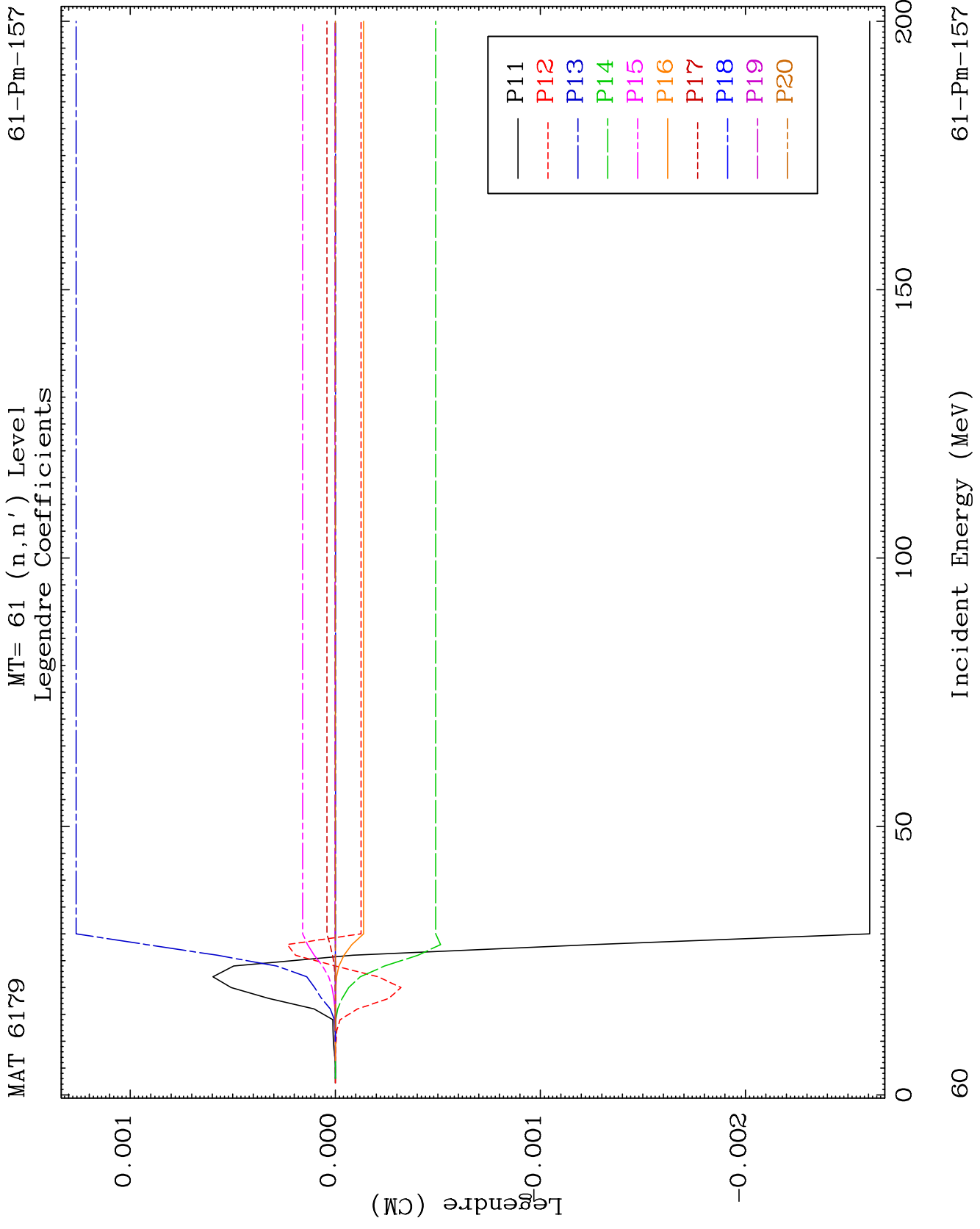


58

Incident Energy (MeV)

61-Pm-157

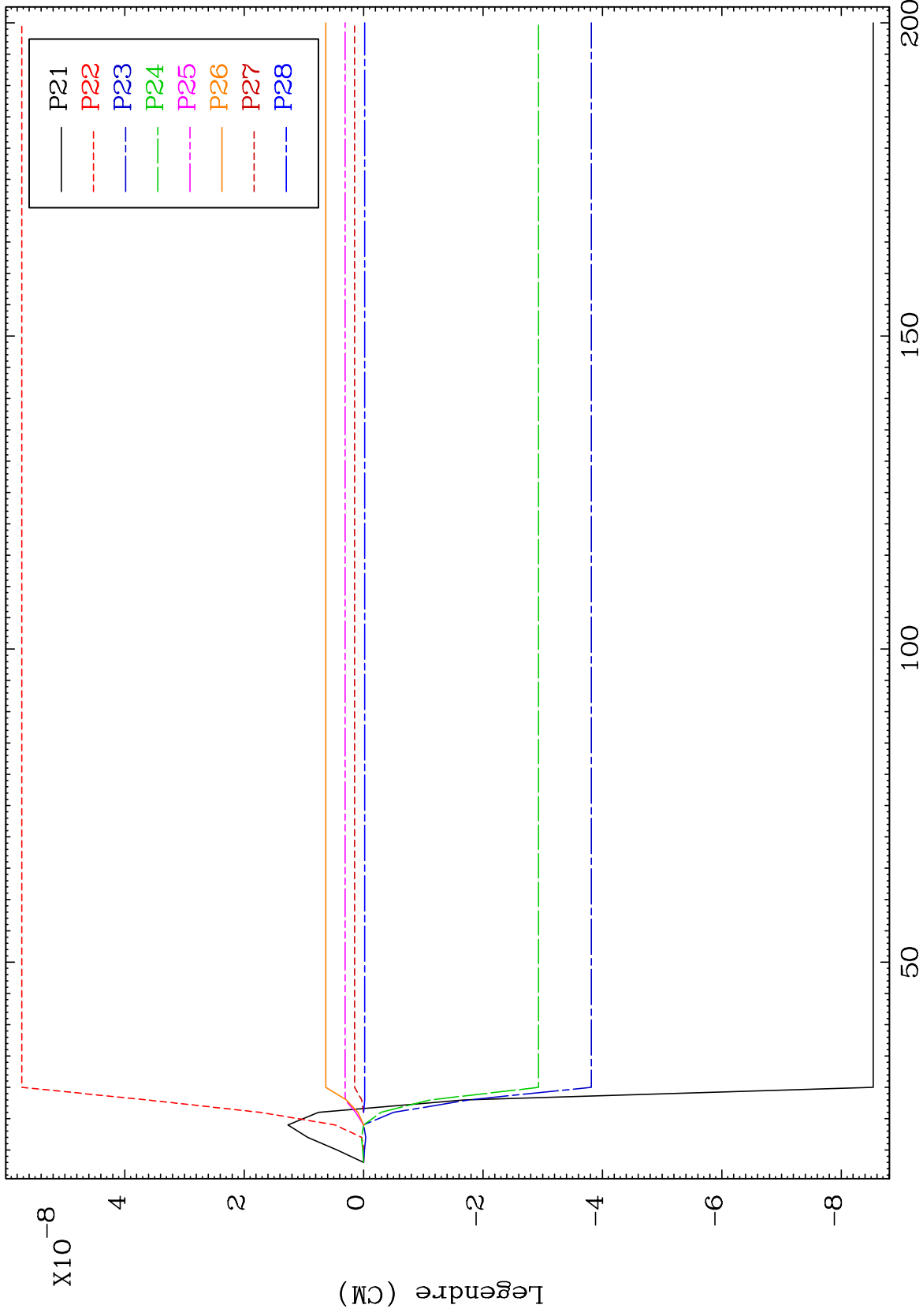




MAT 6179

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

61-Pm-157



61

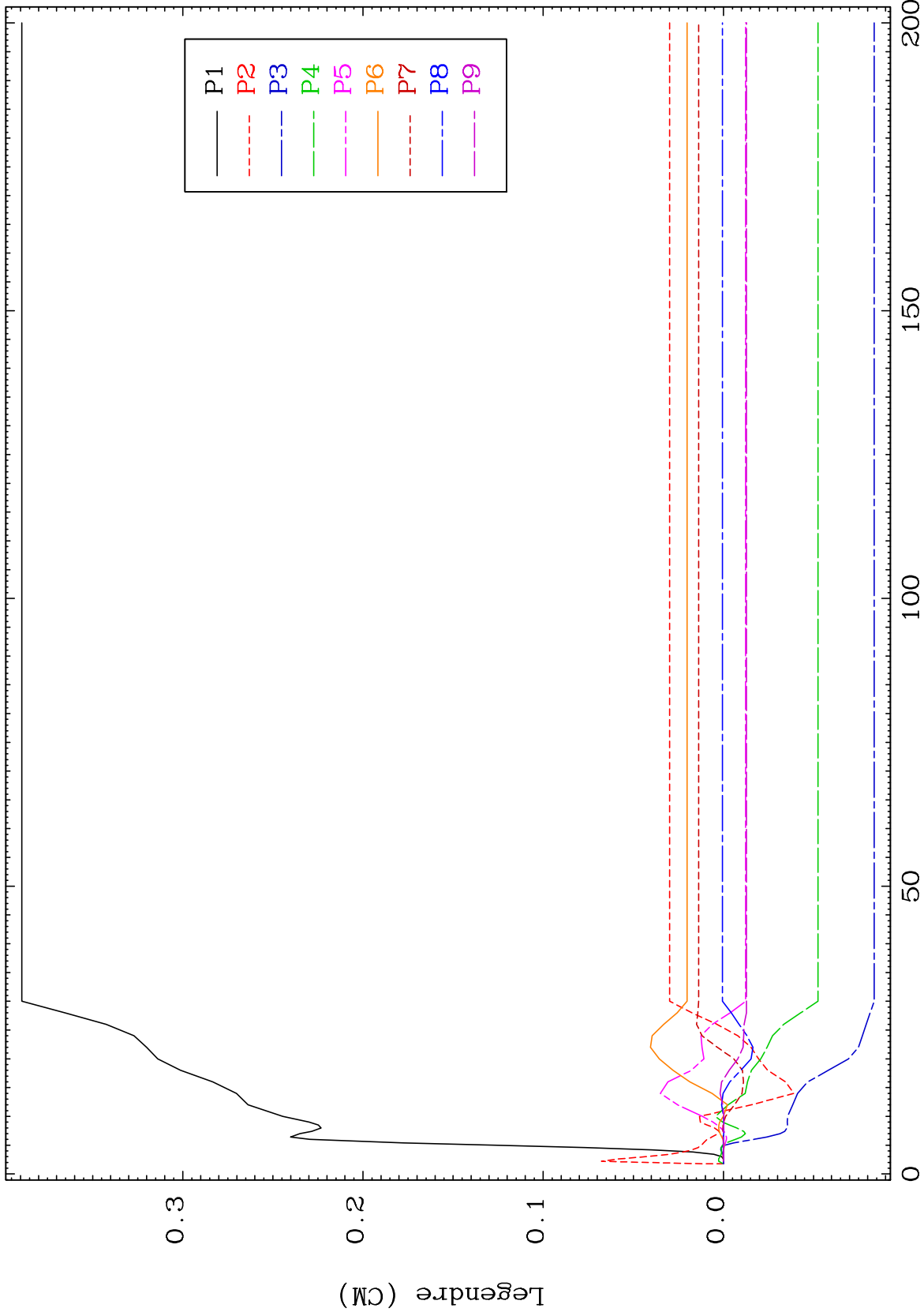
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



61-Pm-157

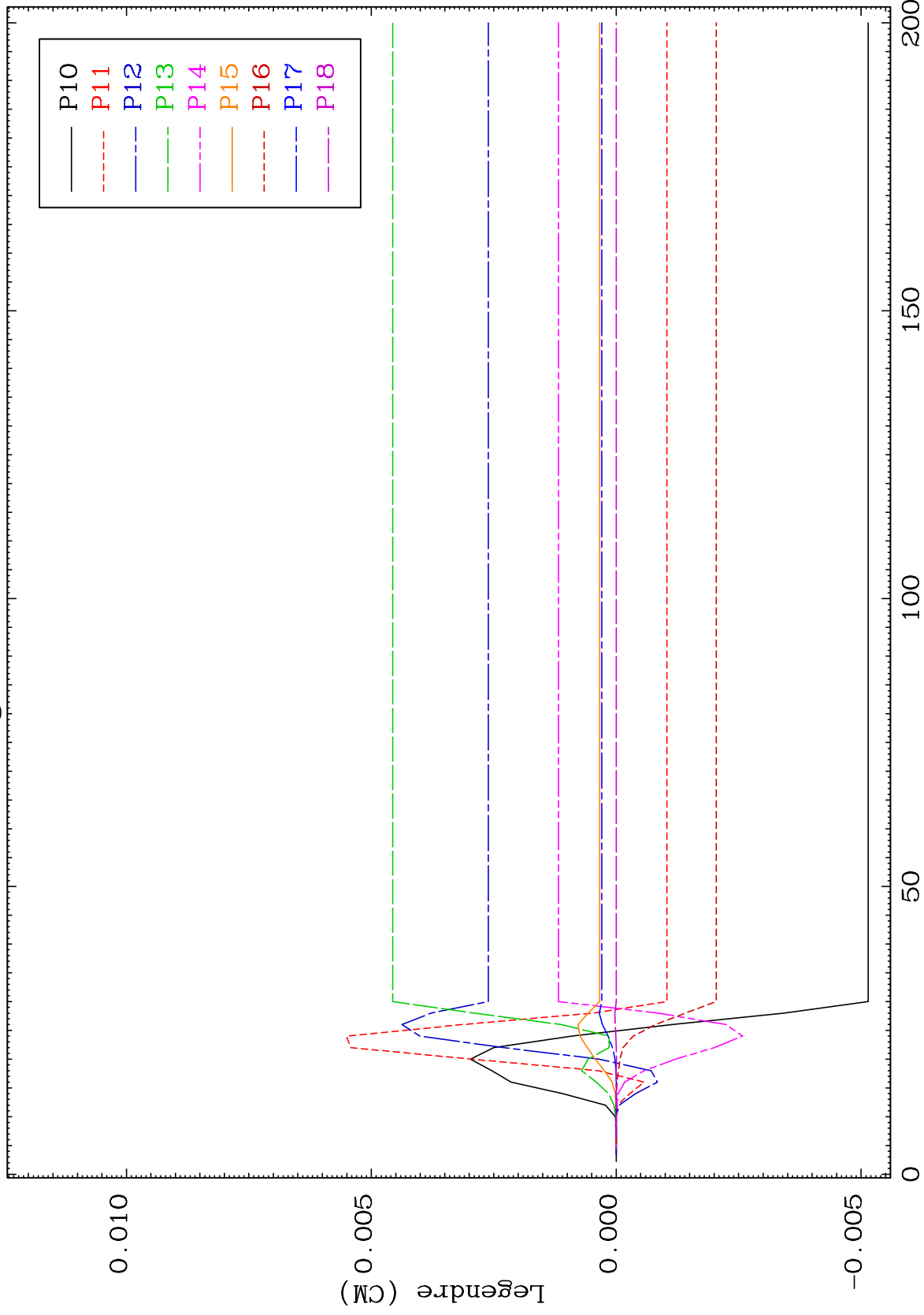
Incident Energy (MeV)

62

MAT 6179

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

61-Pm-157



63

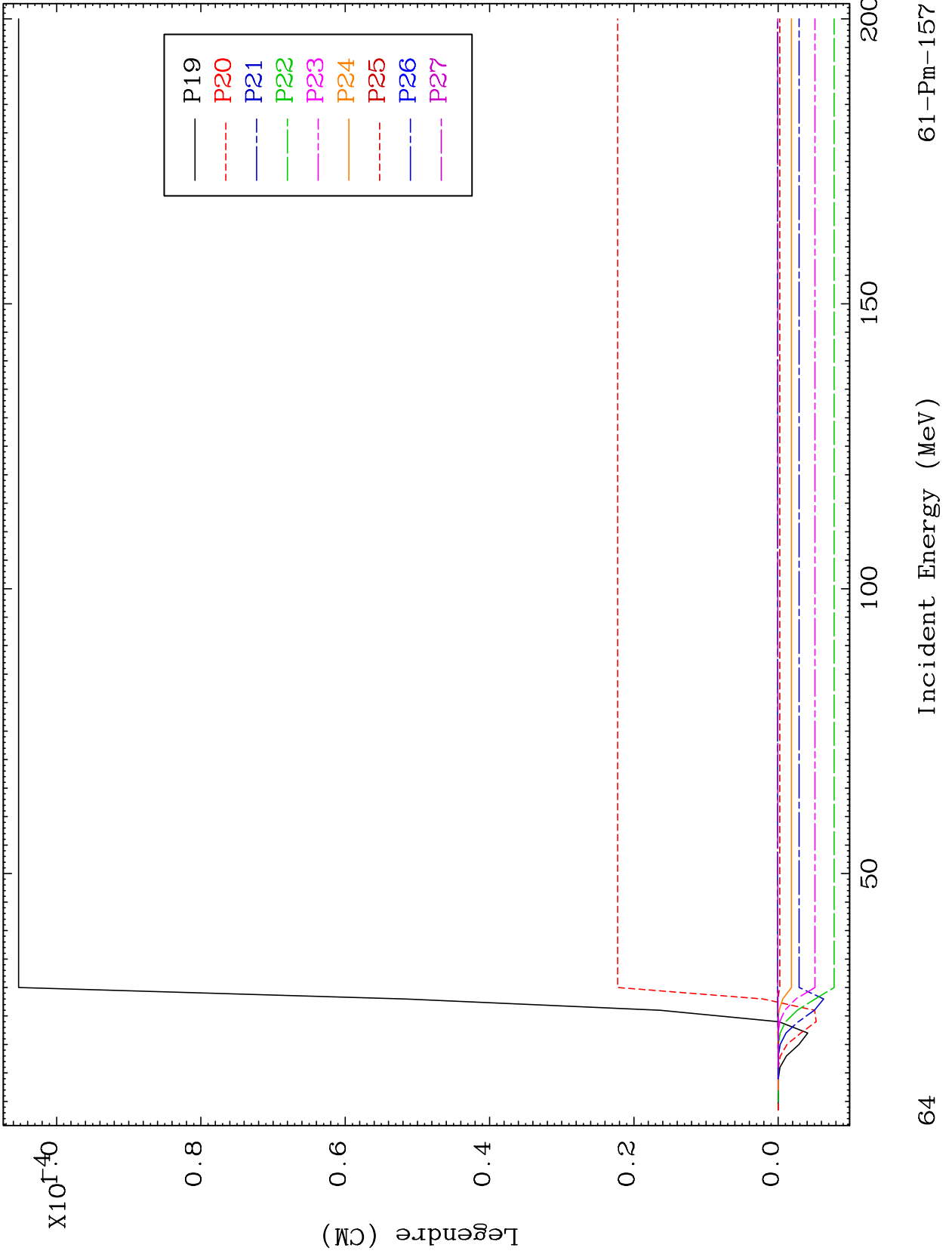
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



64

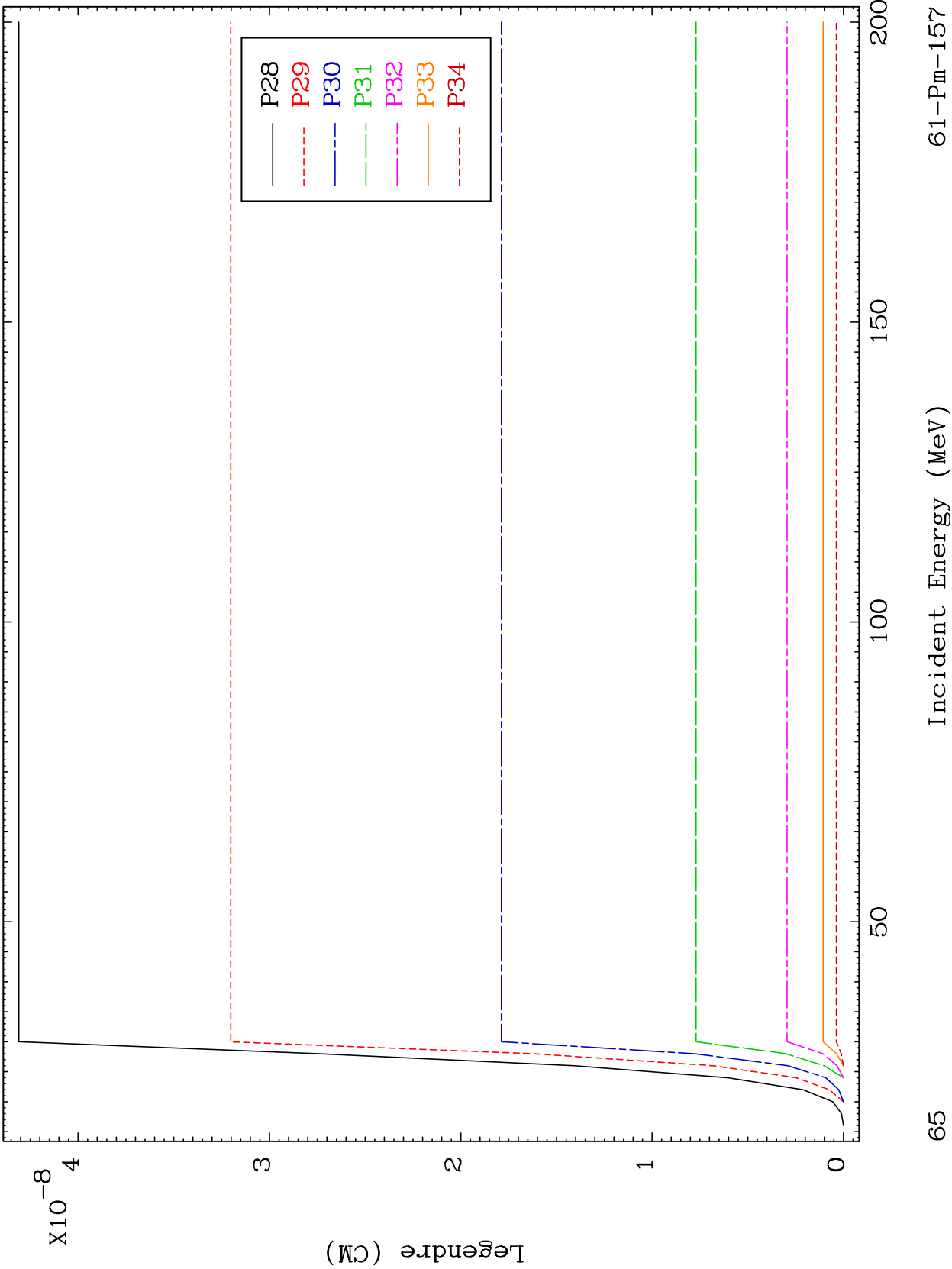
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

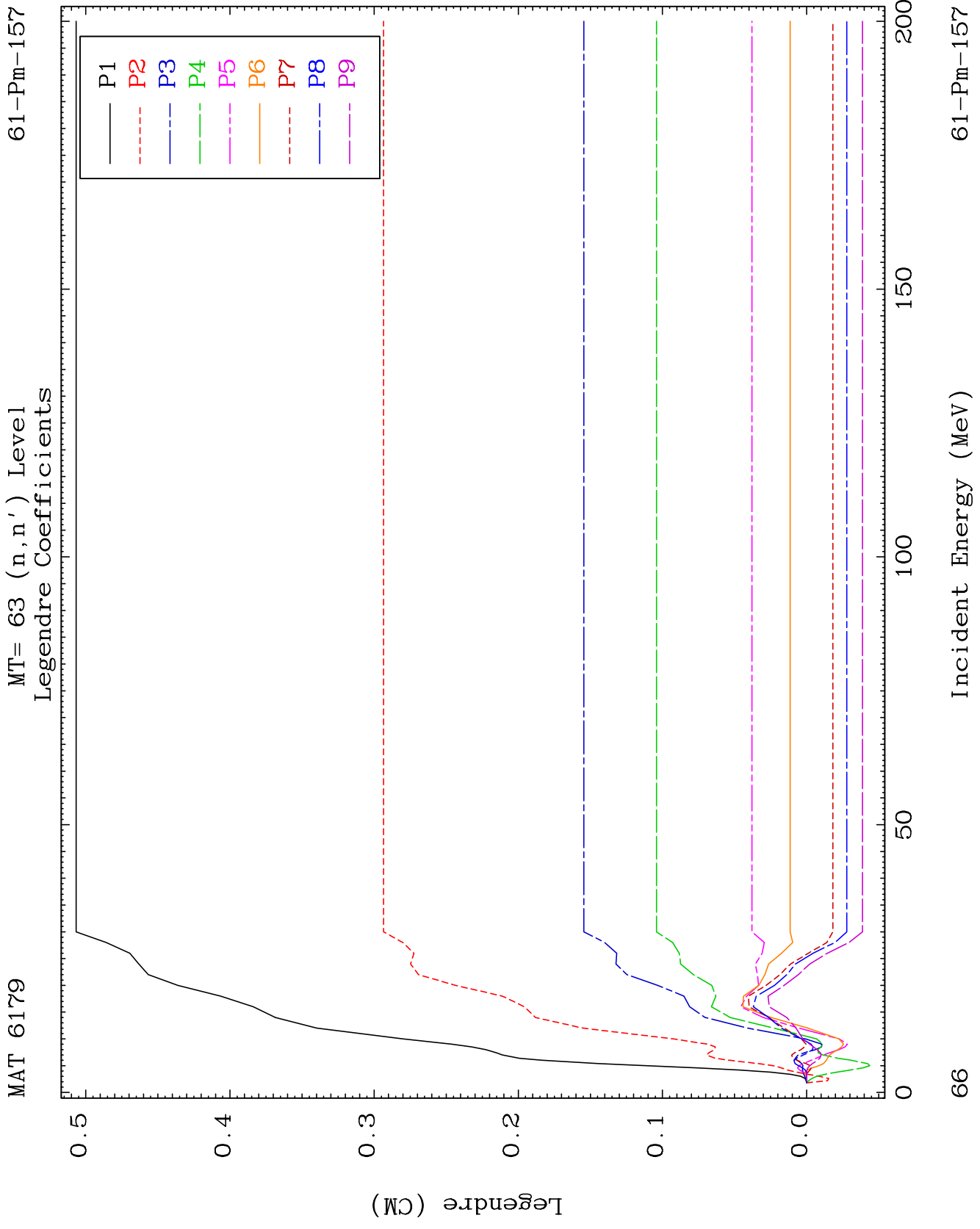
61-Pm-157



65

Incident Energy (MeV)

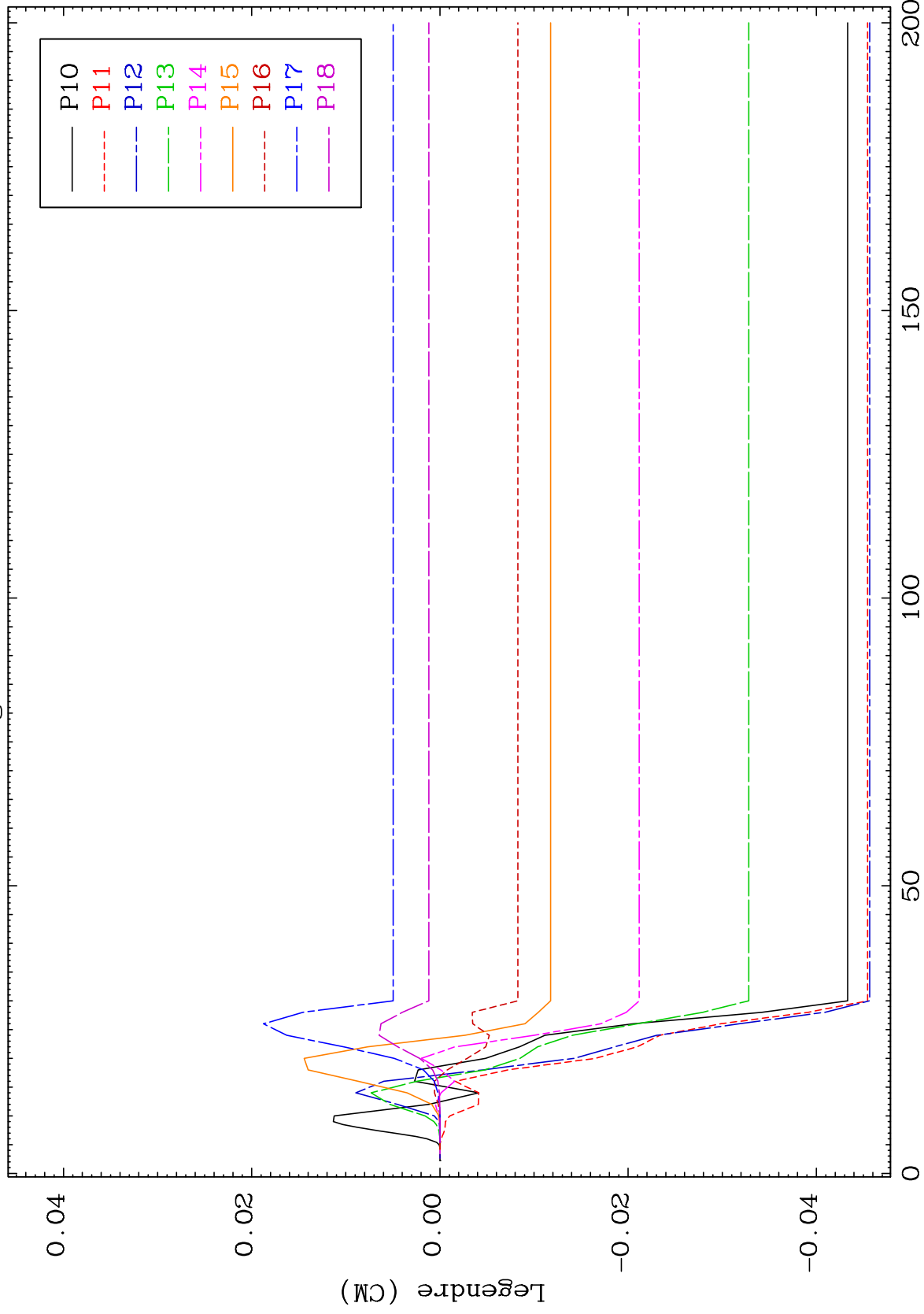
61-Pm-157



MAT 6179

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

61-Pm-157



67

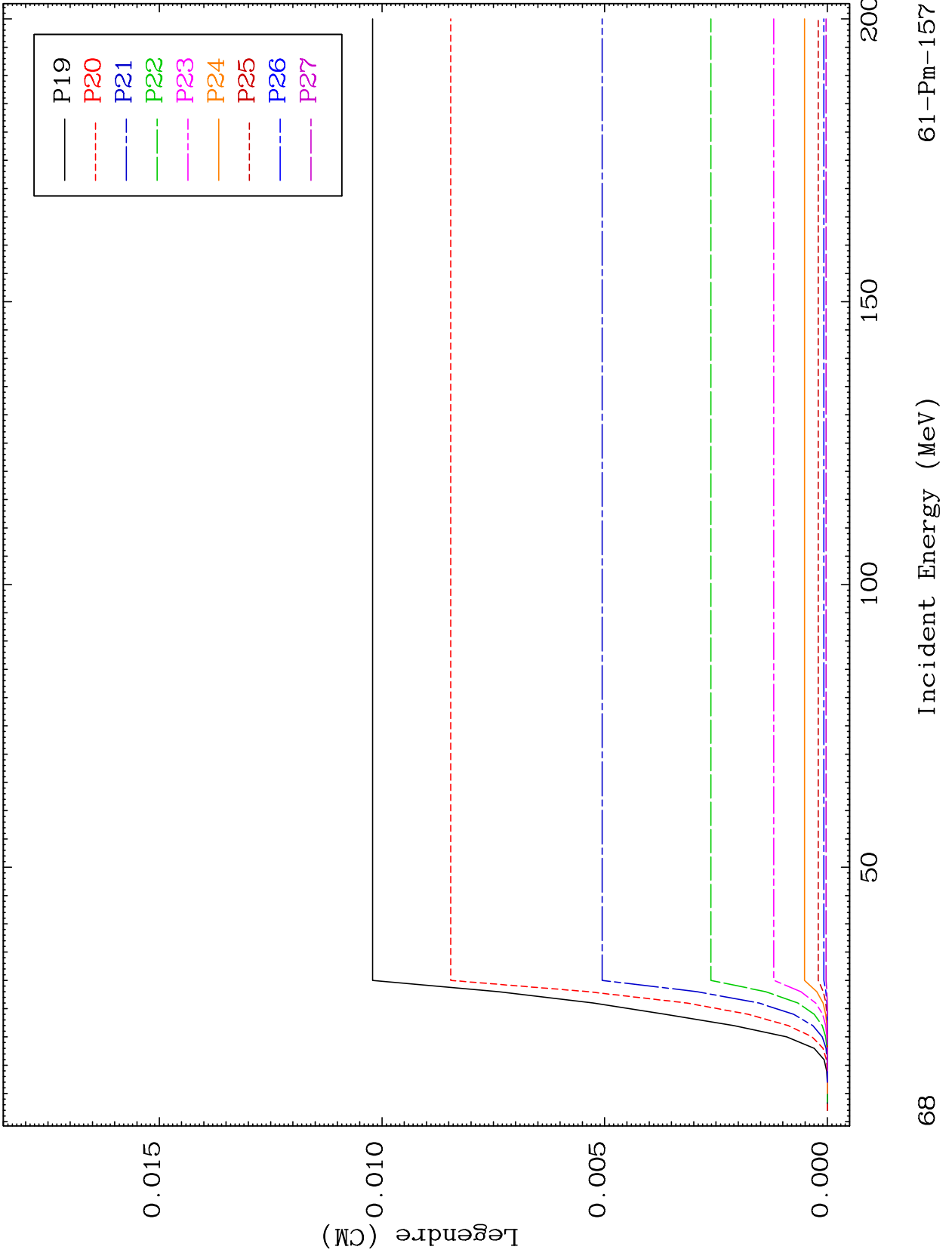
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



68

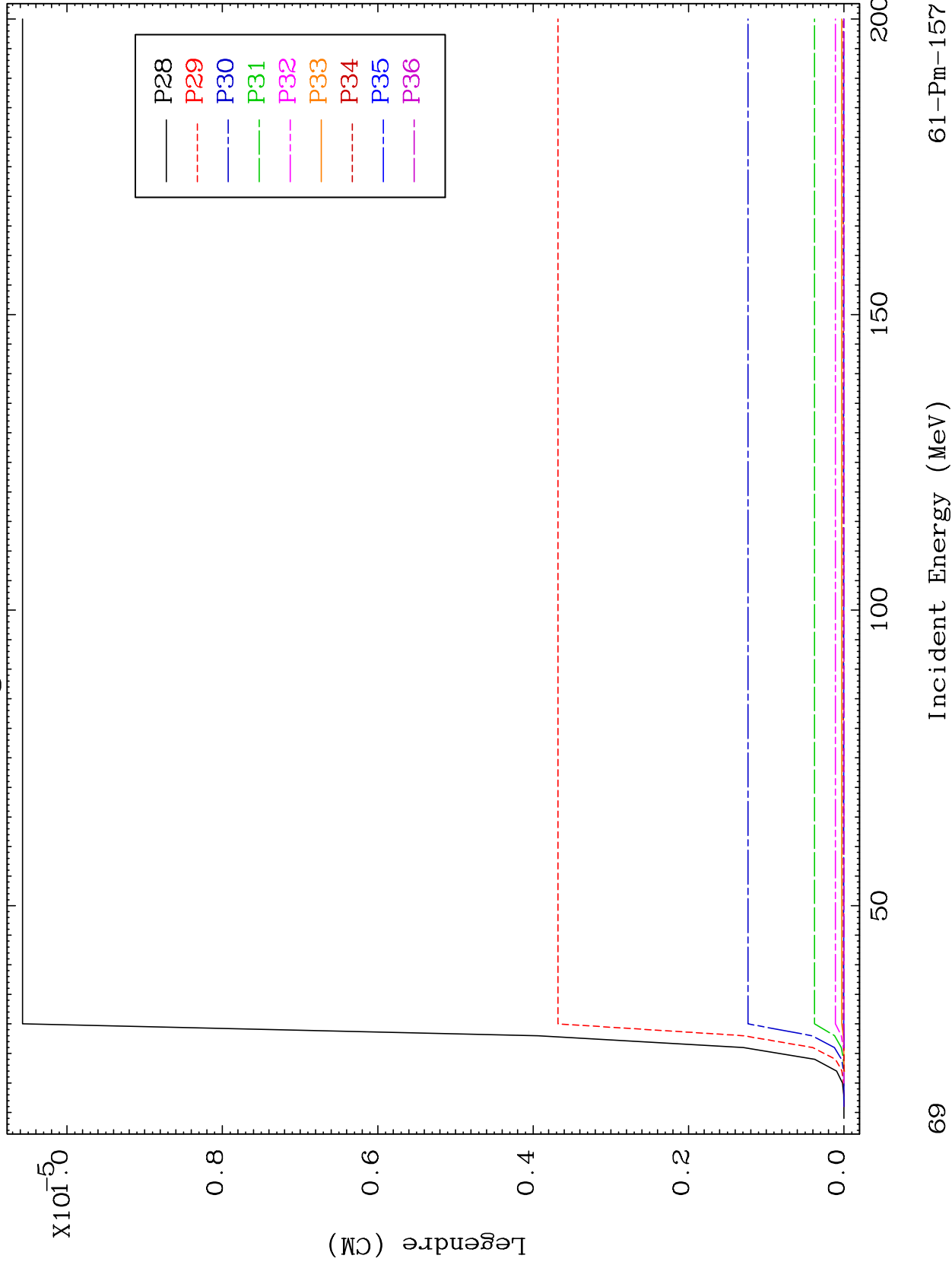
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

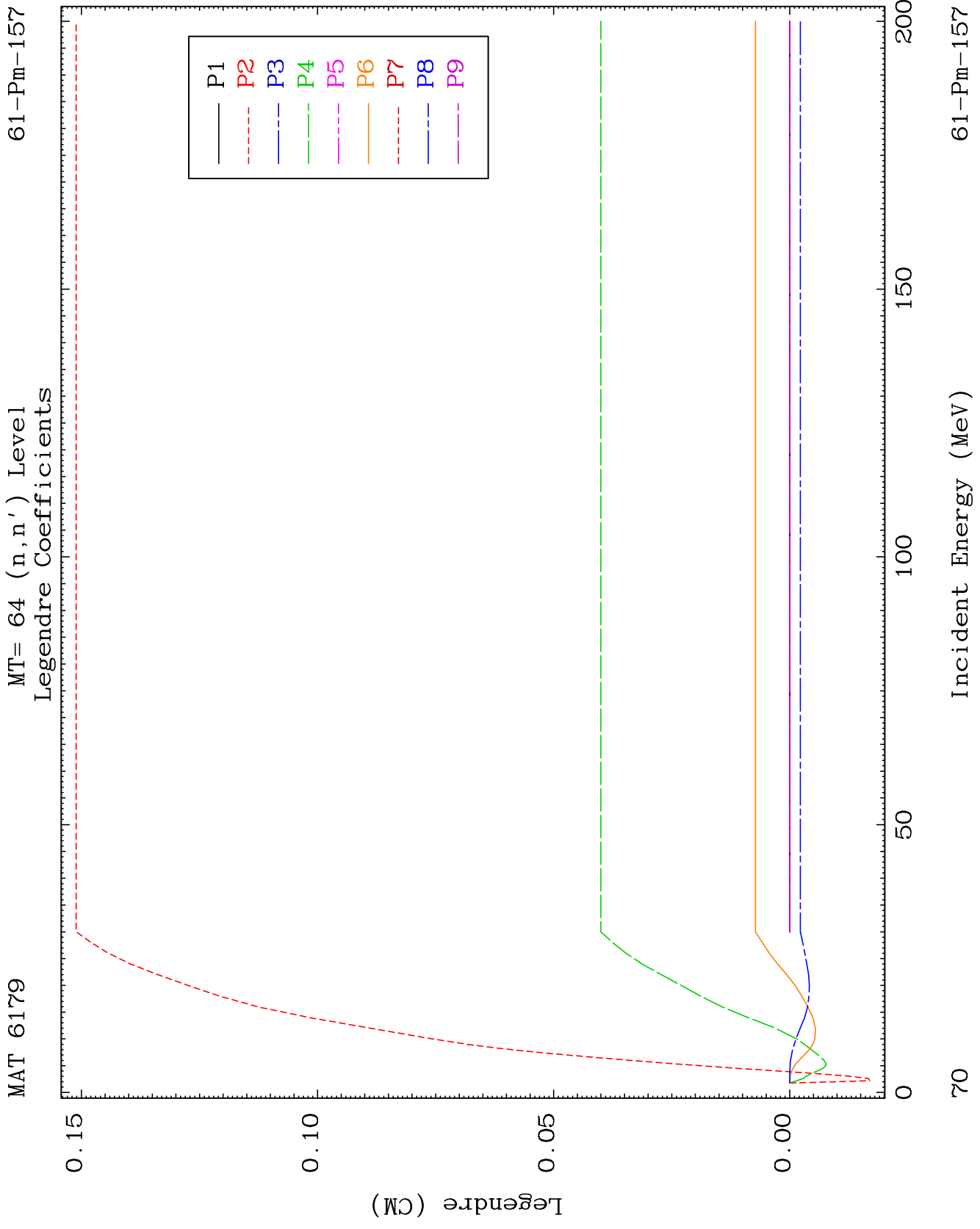
61-Pm-157



69

Incident Energy (MeV)

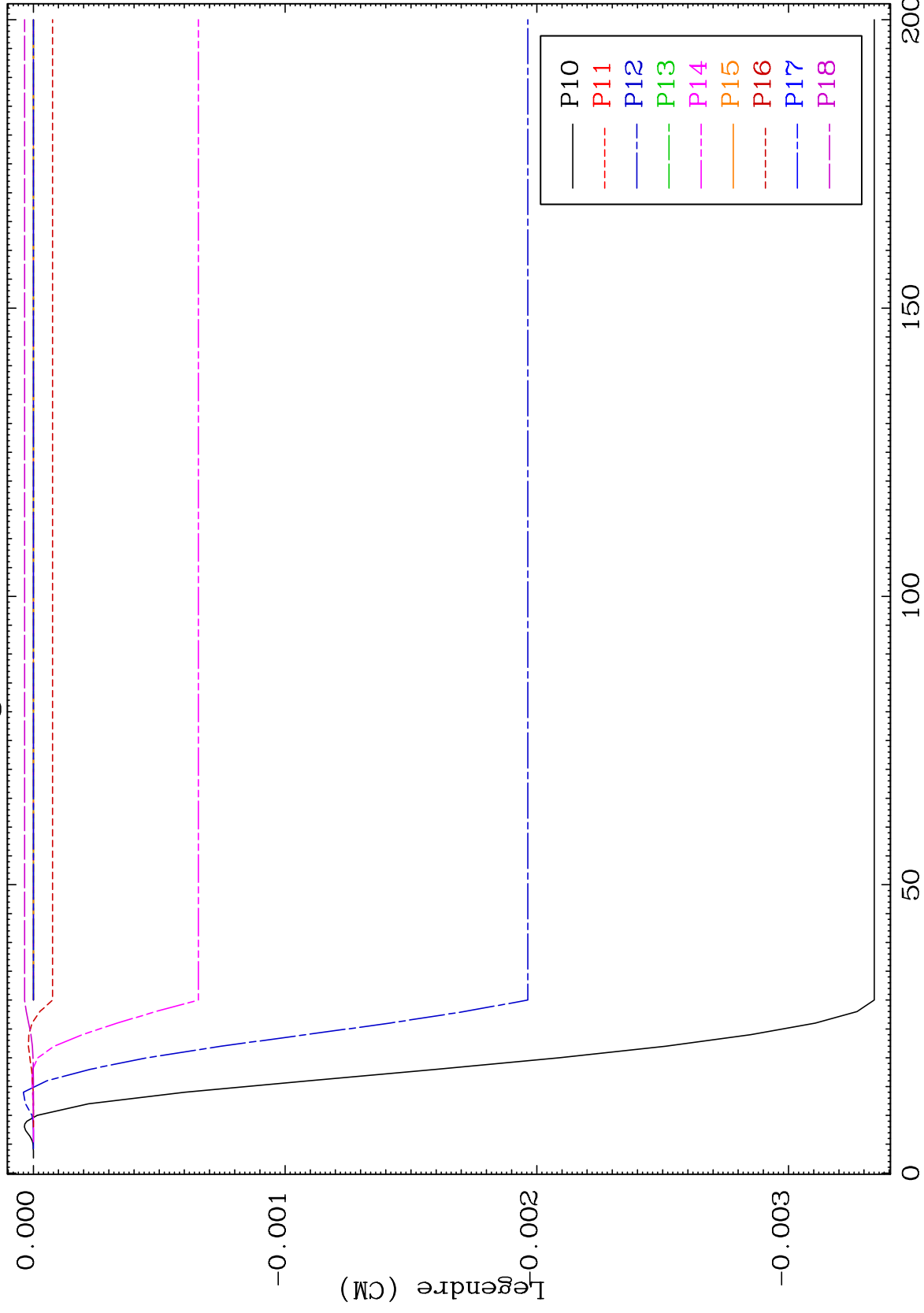
61-Pm-157



MAT 6179

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

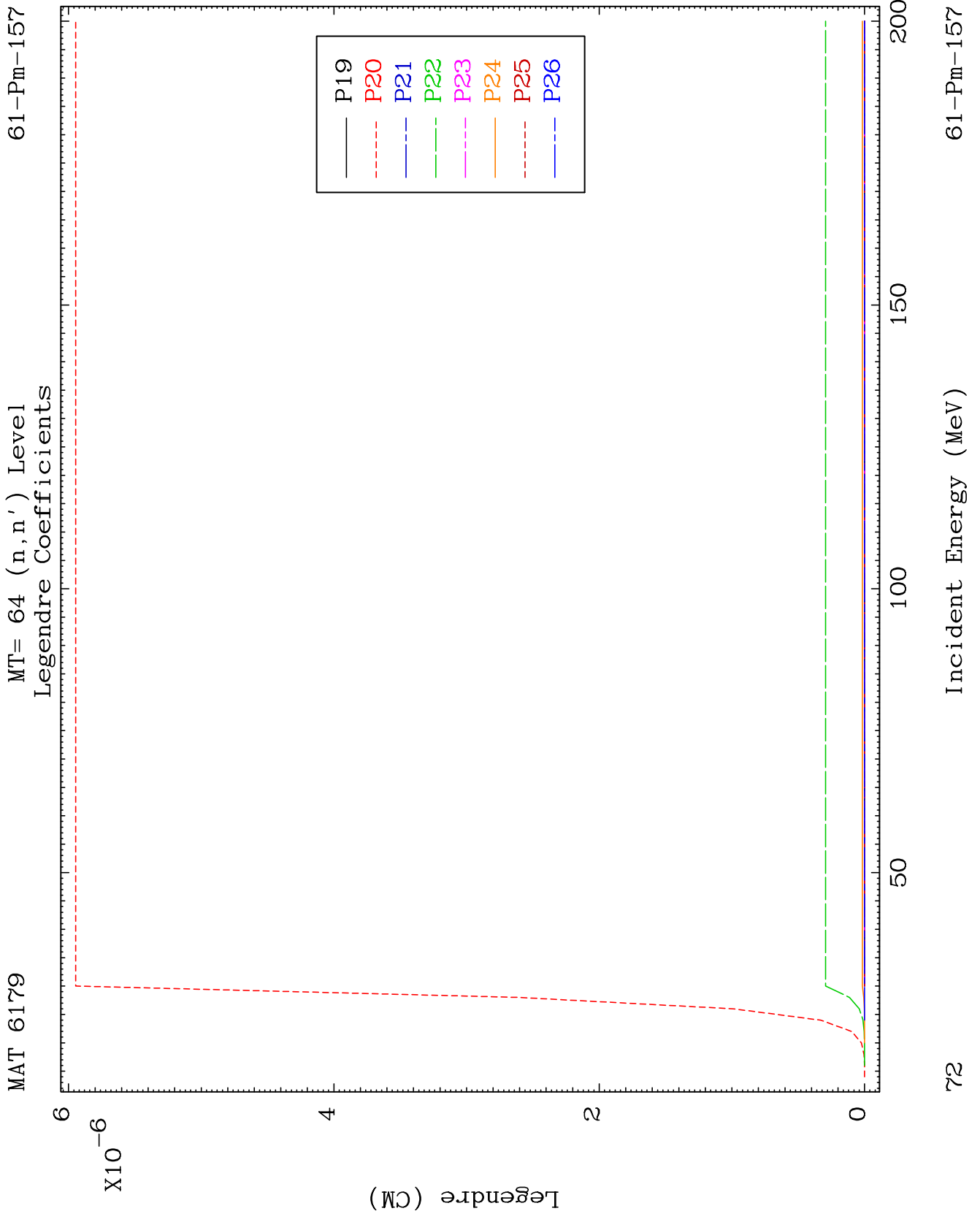
61-Pm-157



71

Incident Energy (MeV)

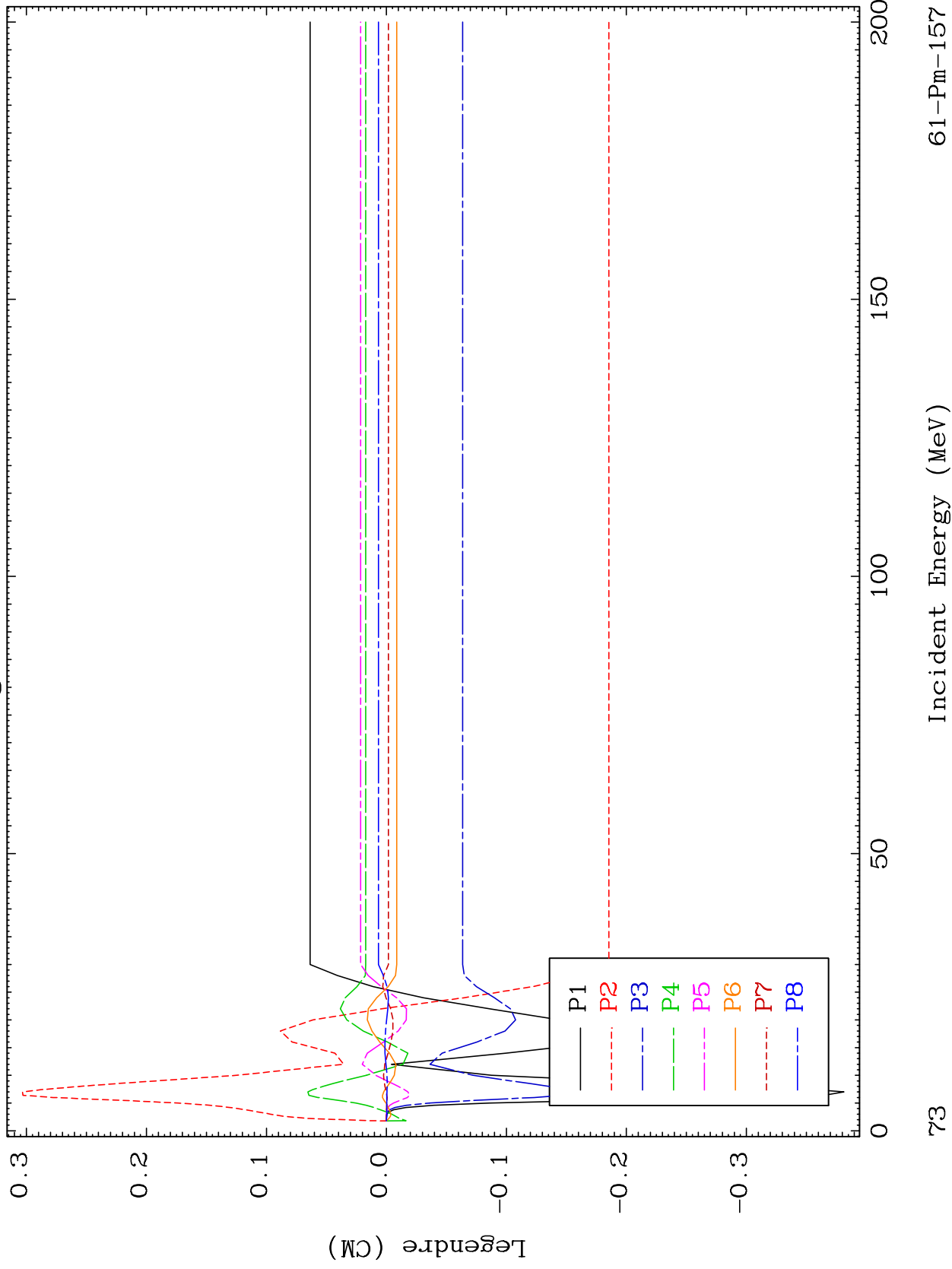
61-Pm-157



MAT 6179

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

61-Pm-157



73

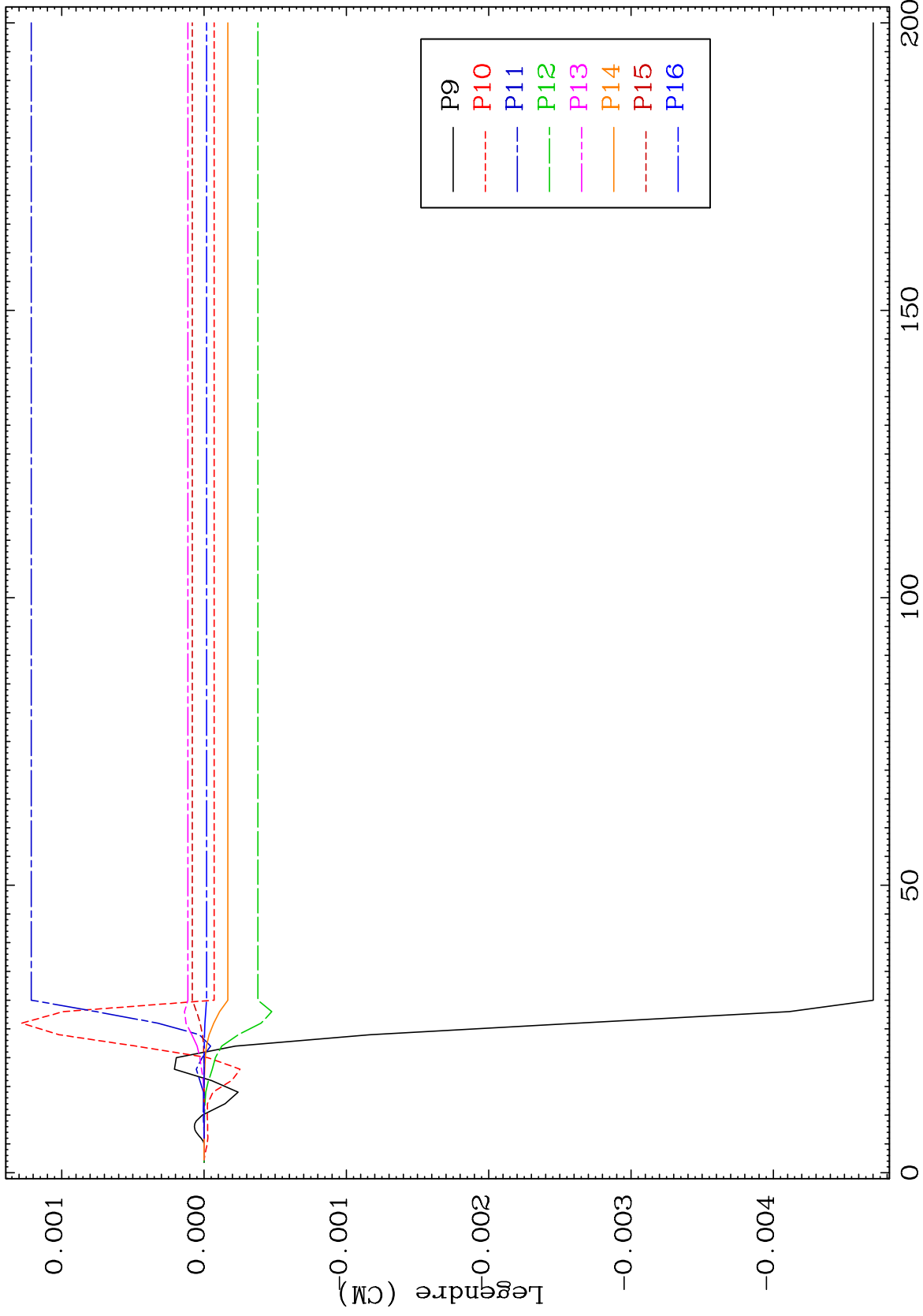
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



74

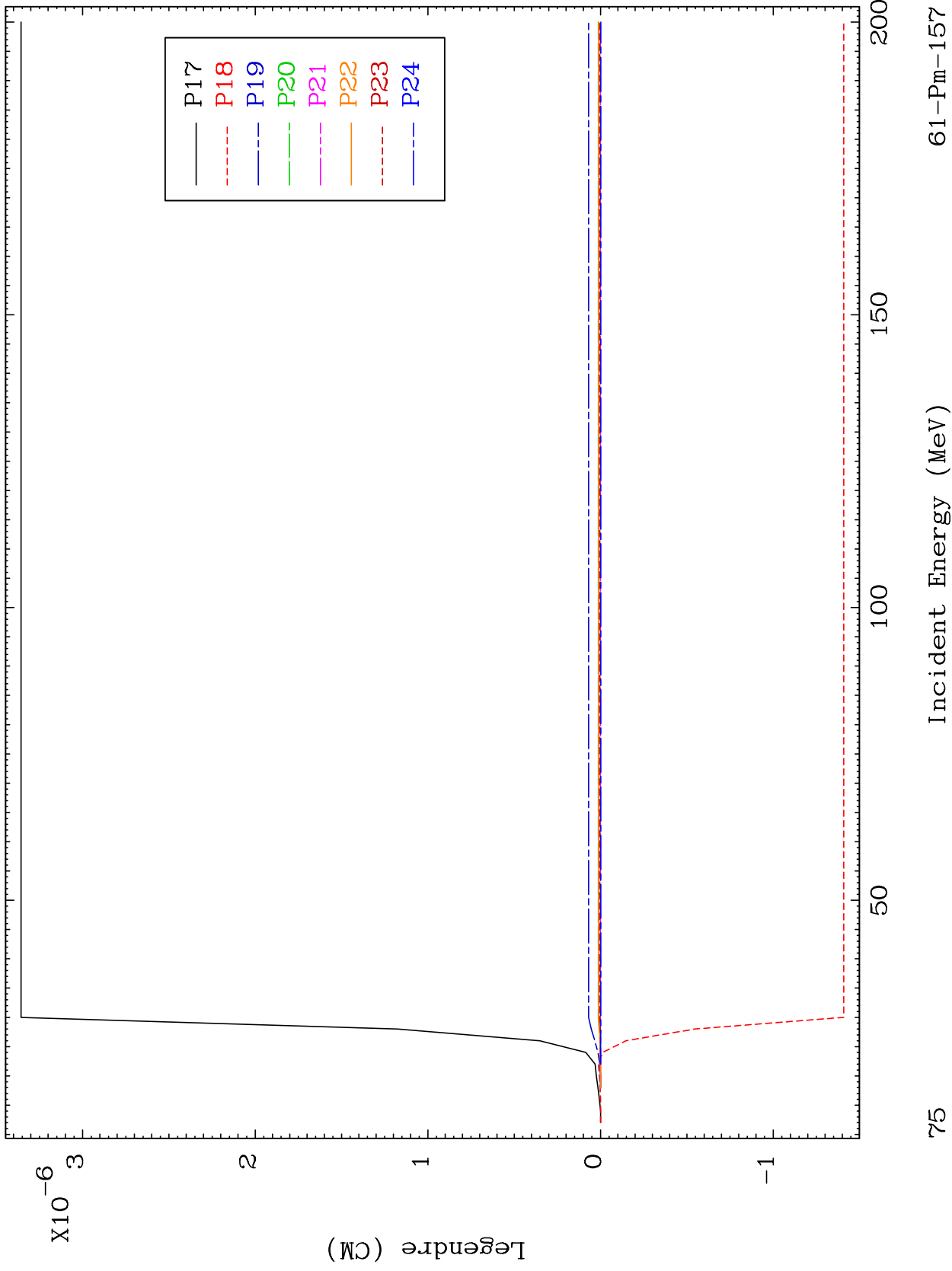
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



75

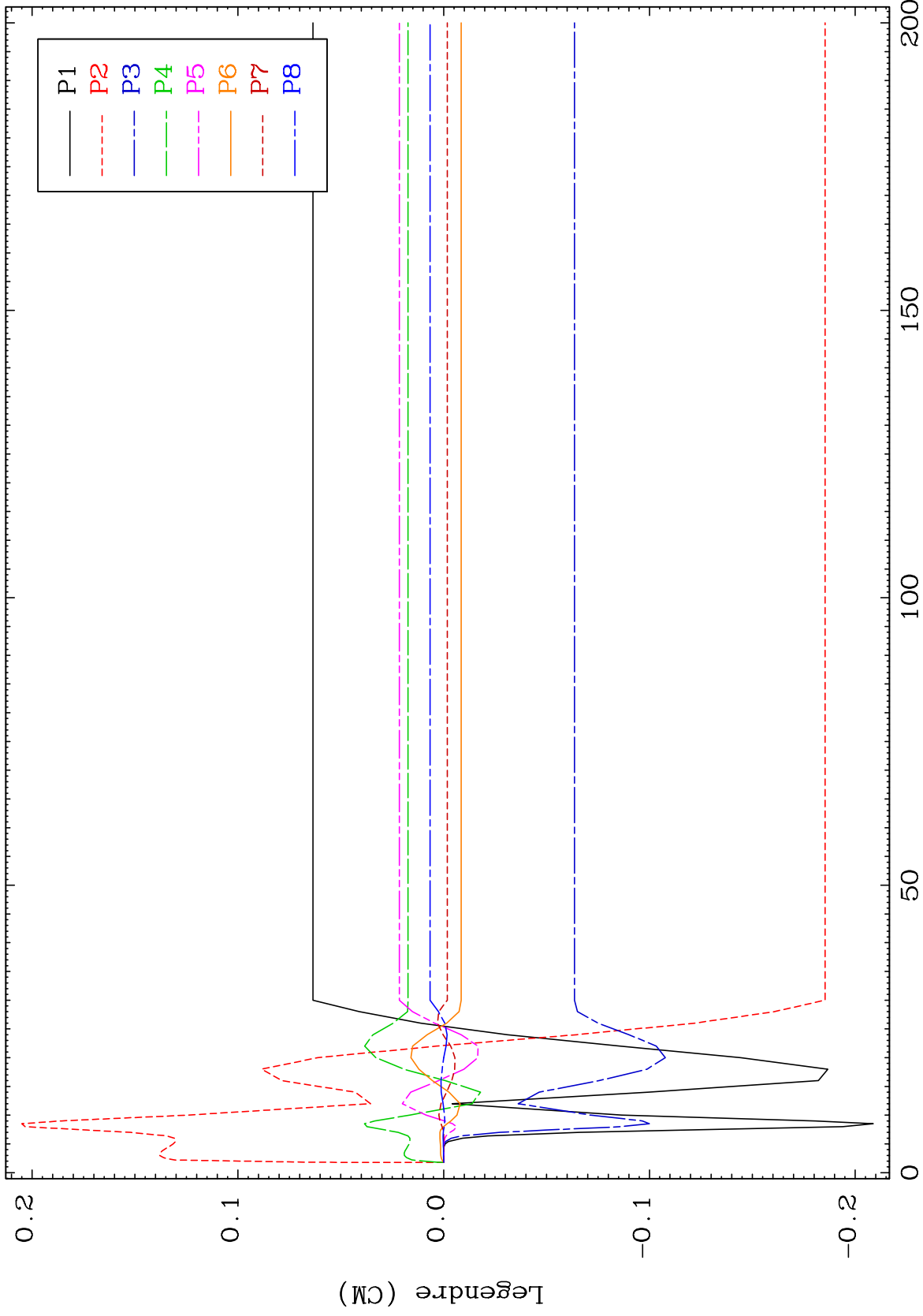
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



76

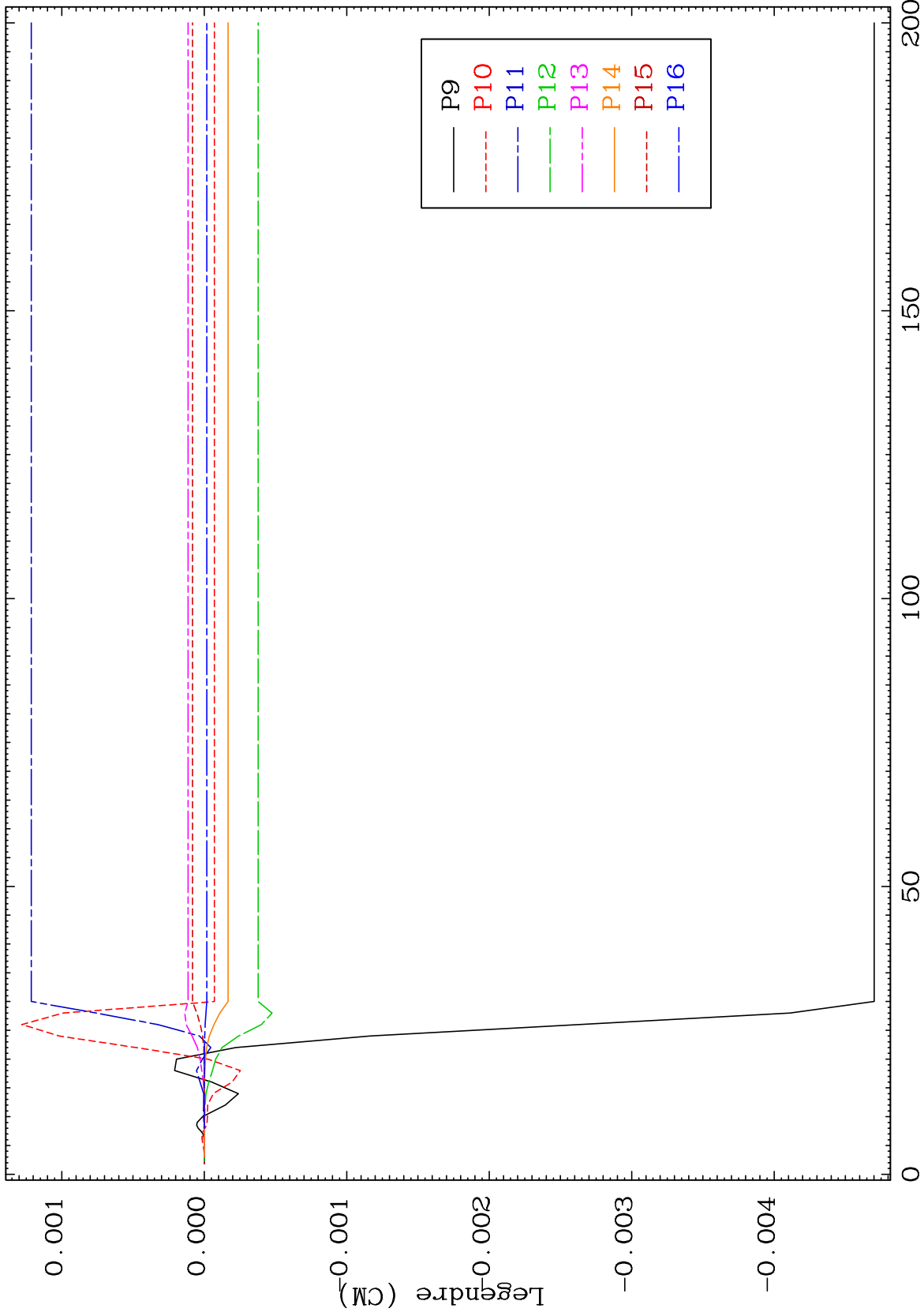
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



77

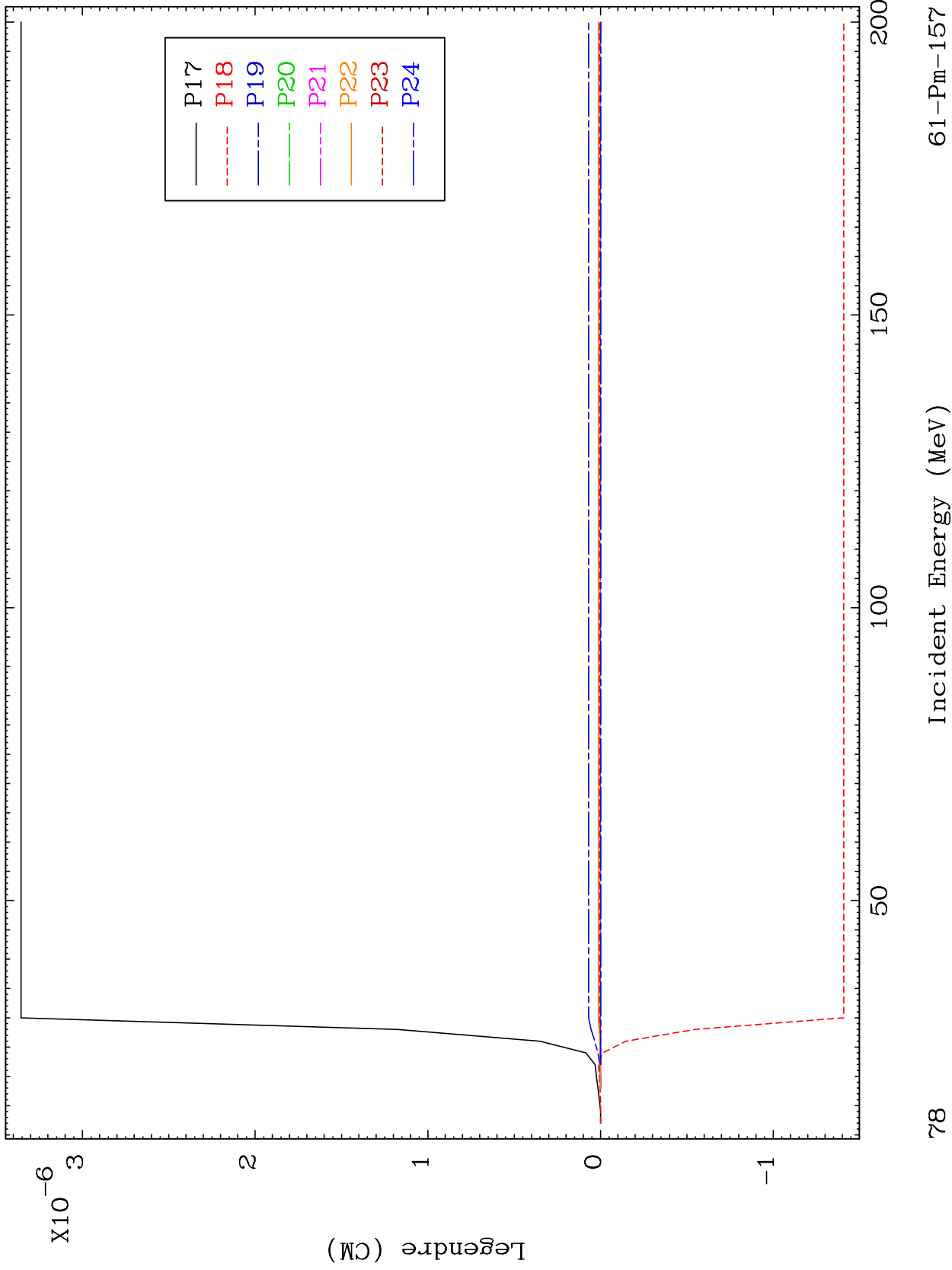
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

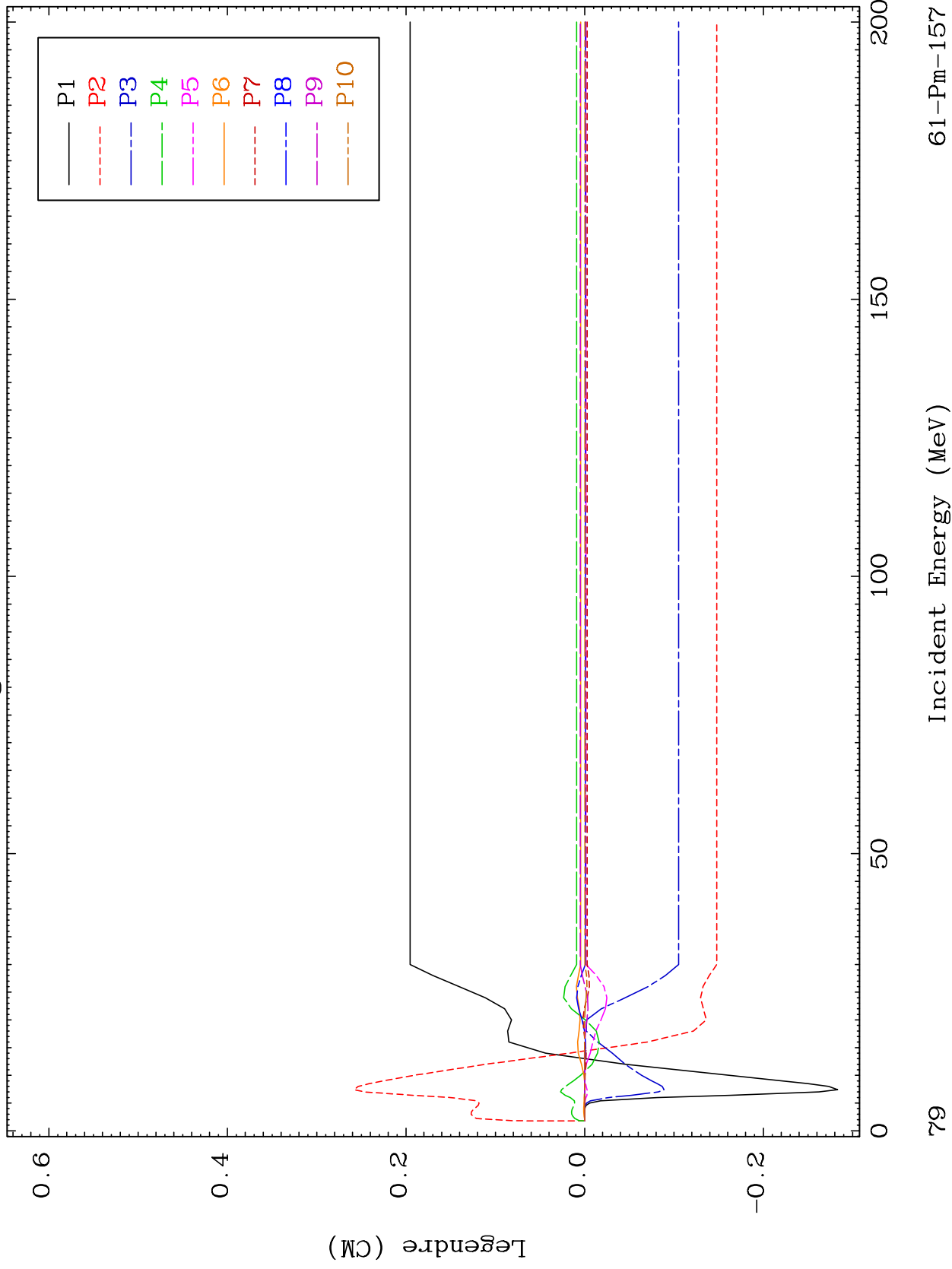
61-Pm-157



MAT 6179

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

61-Pm-157



61-Pm-157

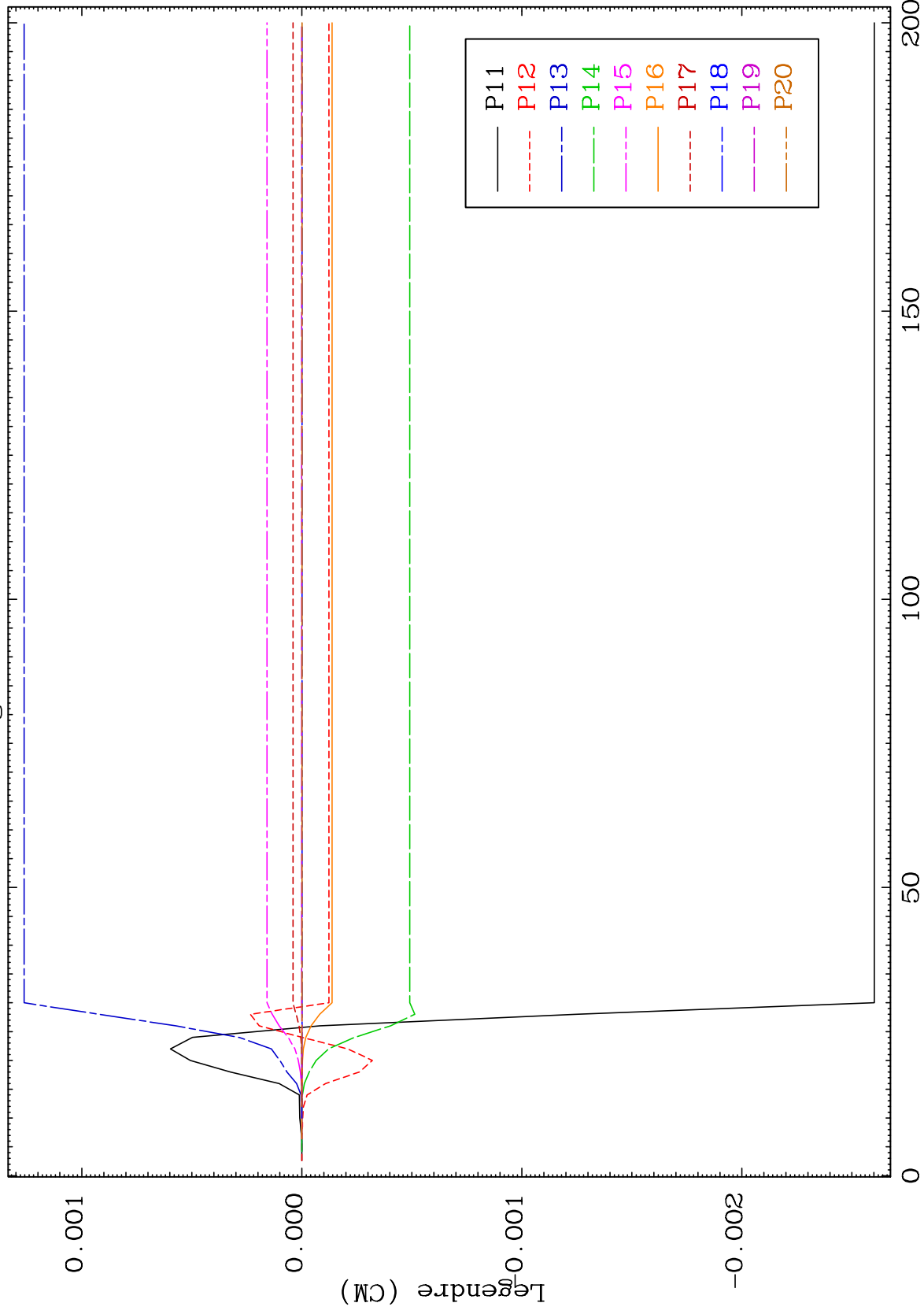
Incident Energy (MeV)

79

MAT 6179

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

61-Pm-157



80

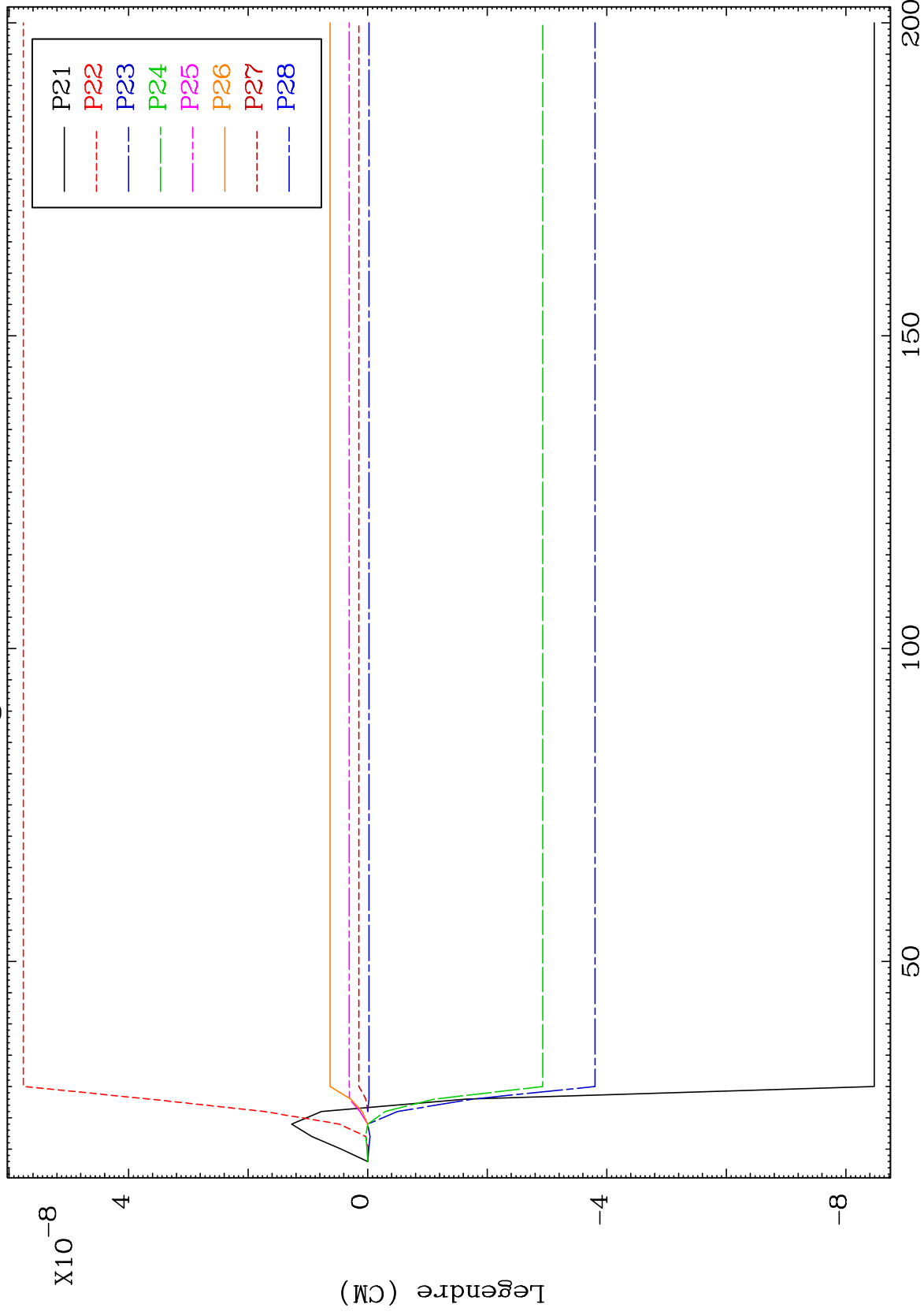
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

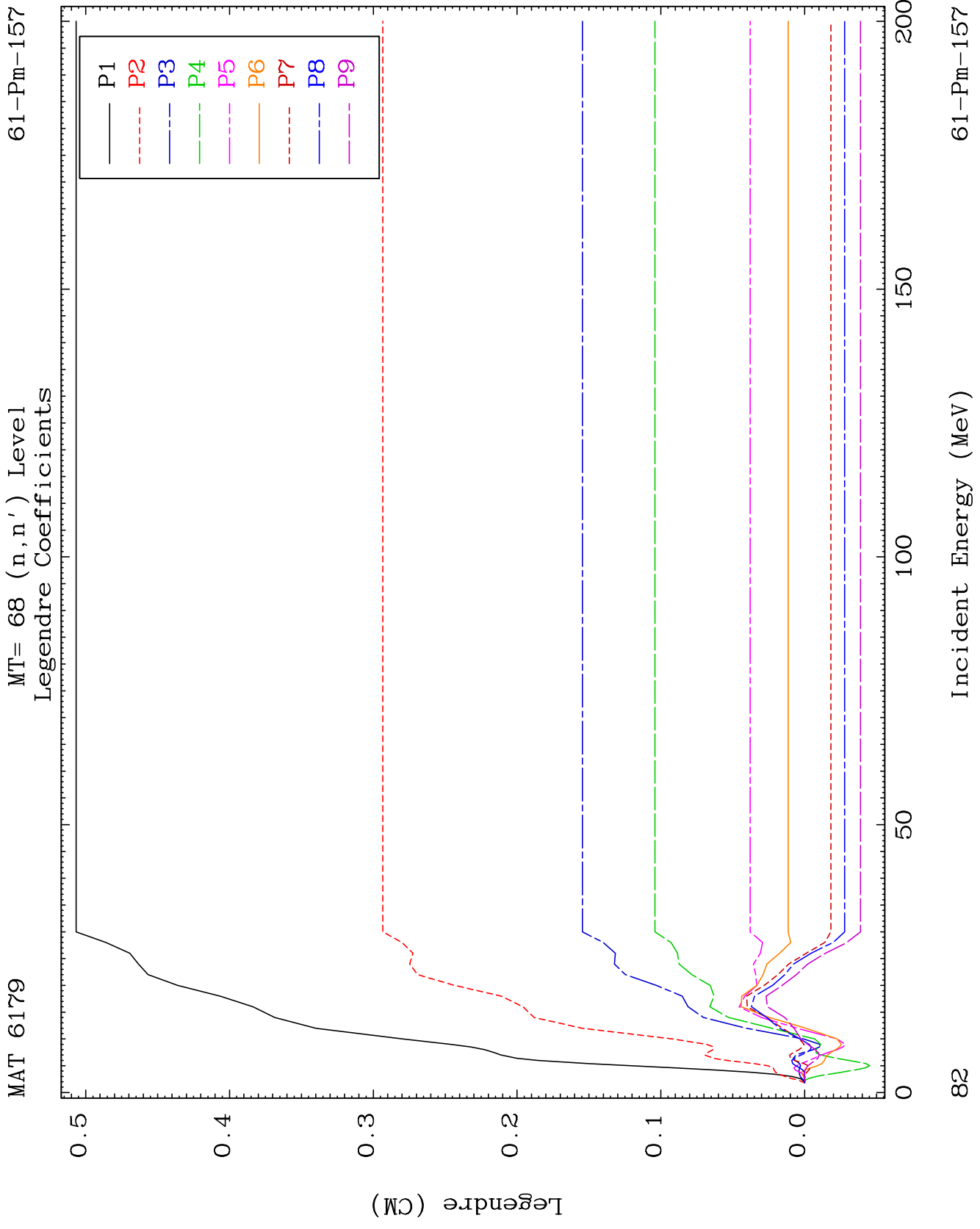
61-Pm-157



81

Incident Energy (MeV)

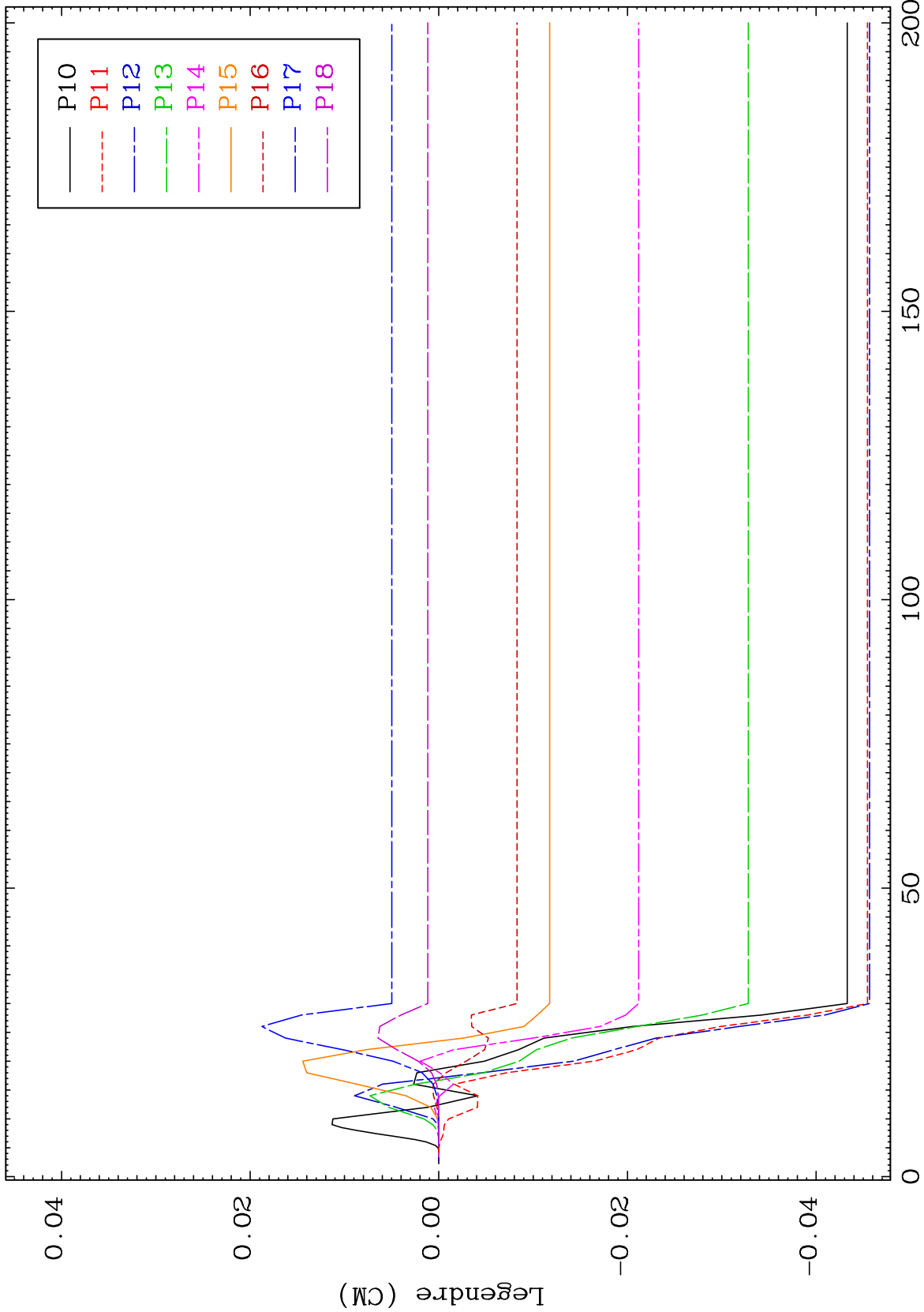
61-Pm-157



MAT 6179

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

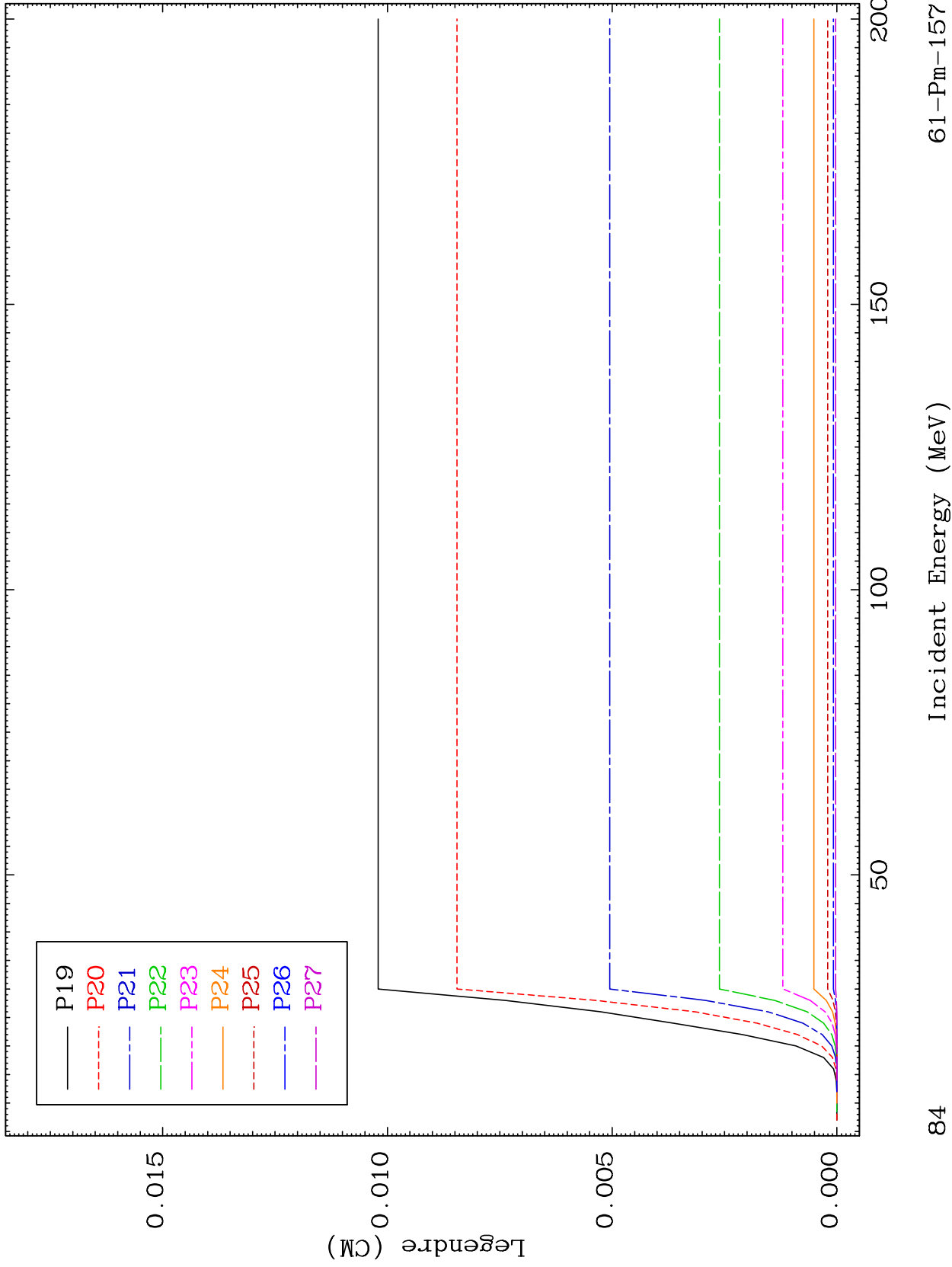
61-Pm-157



83

Incident Energy (MeV)

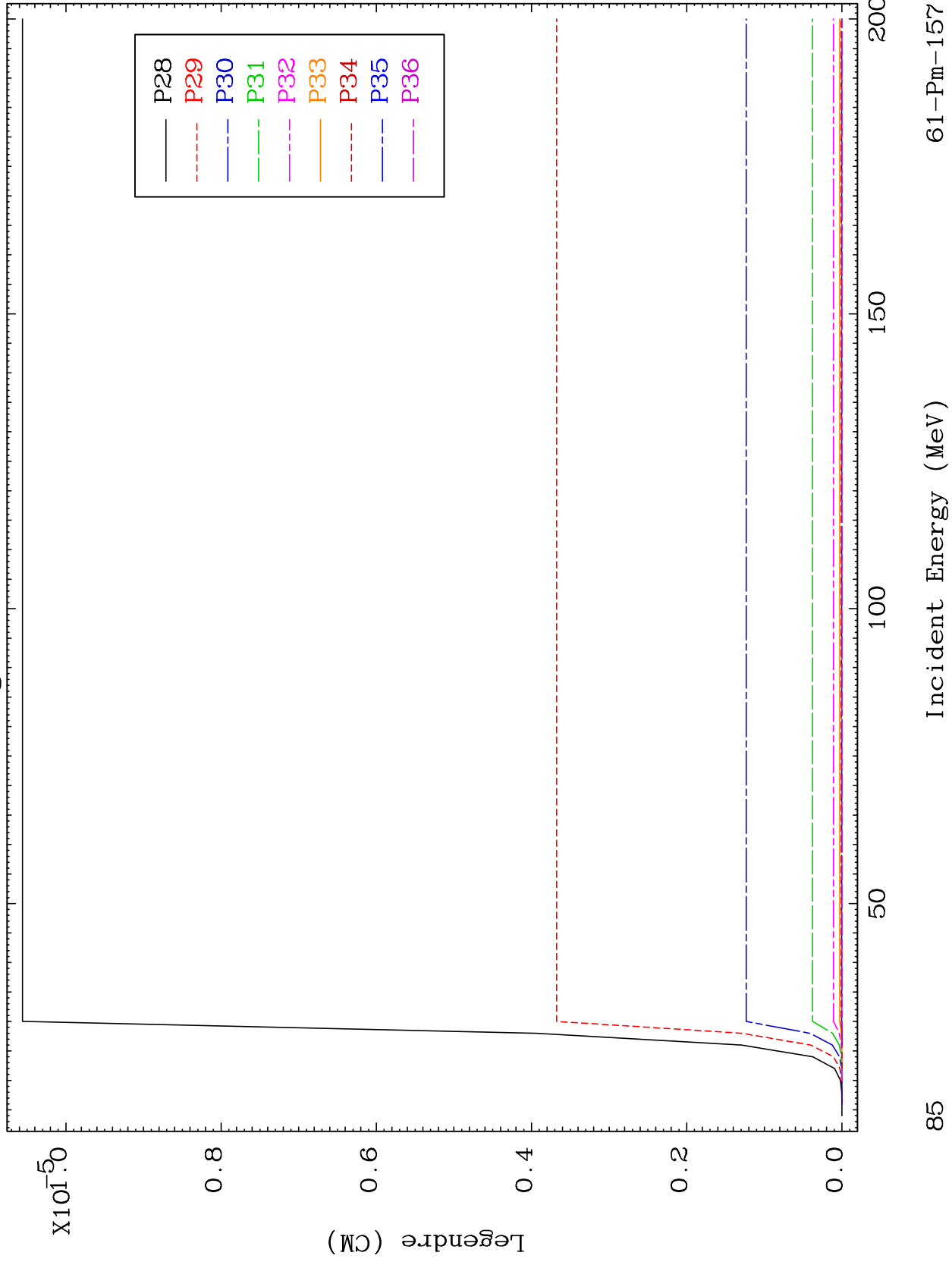
61-Pm-157



MAT 6179

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

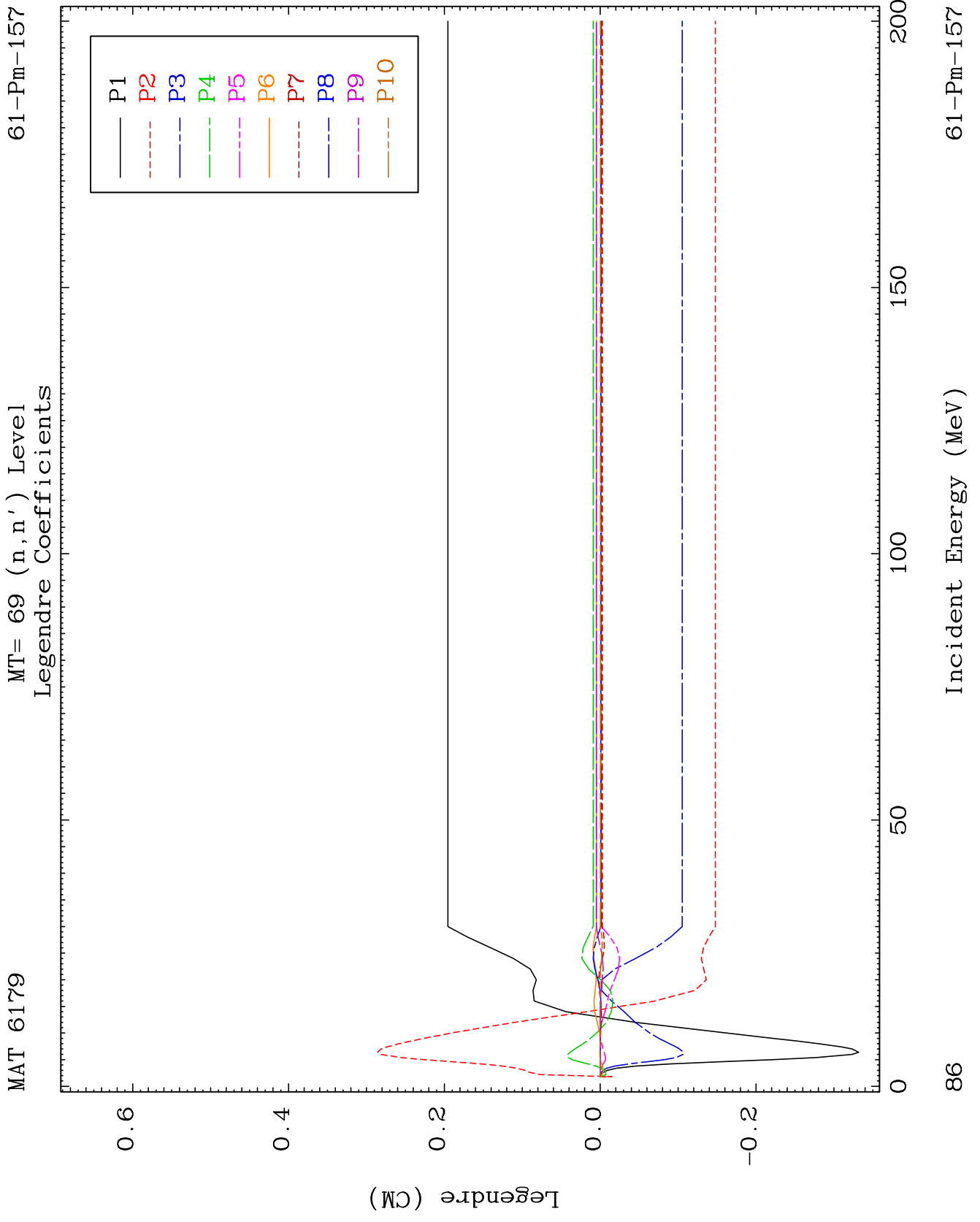
61-Pm-157



85

Incident Energy (MeV)

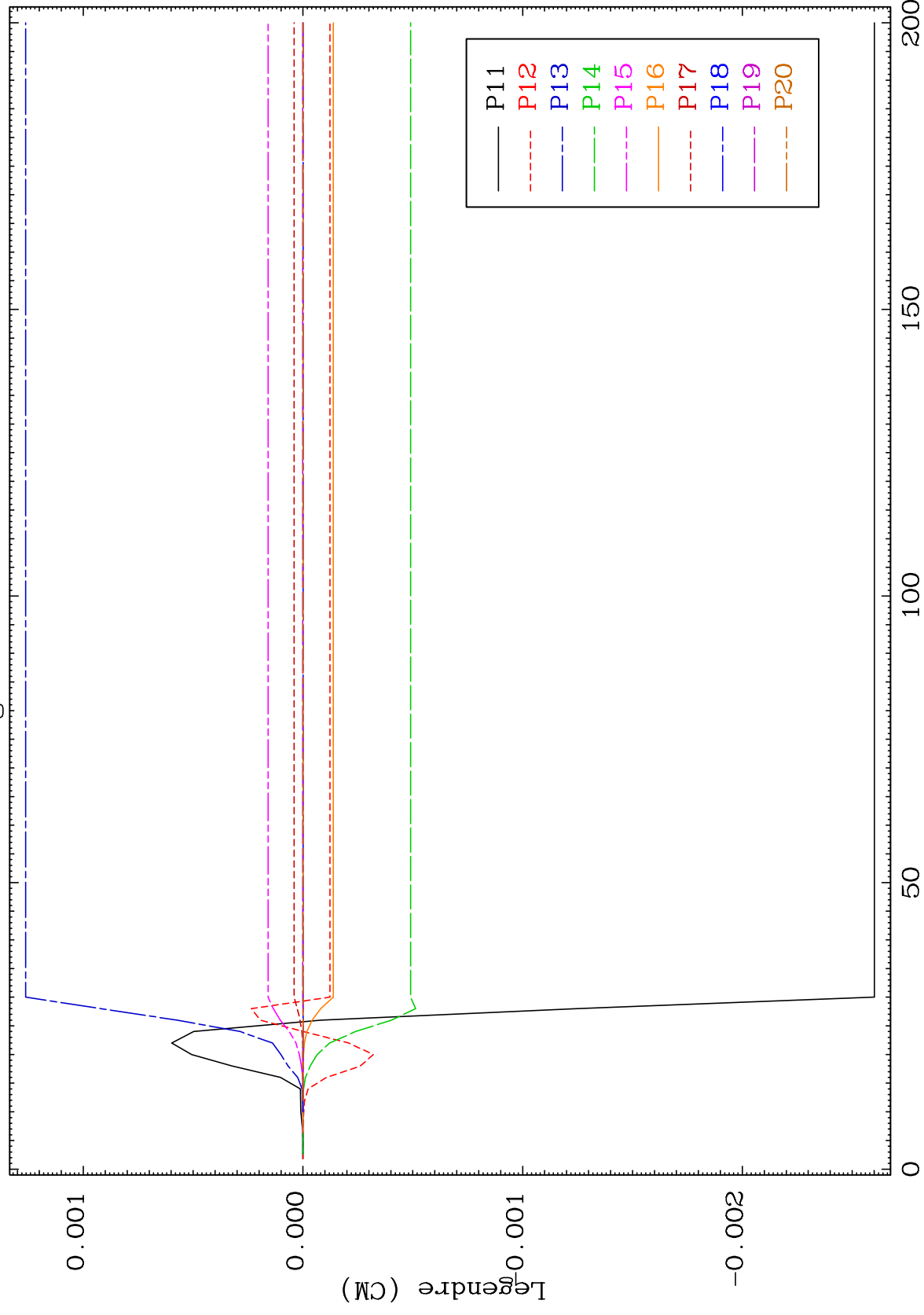
61-Pm-157



MAT 6179

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

61-Pm-157



87

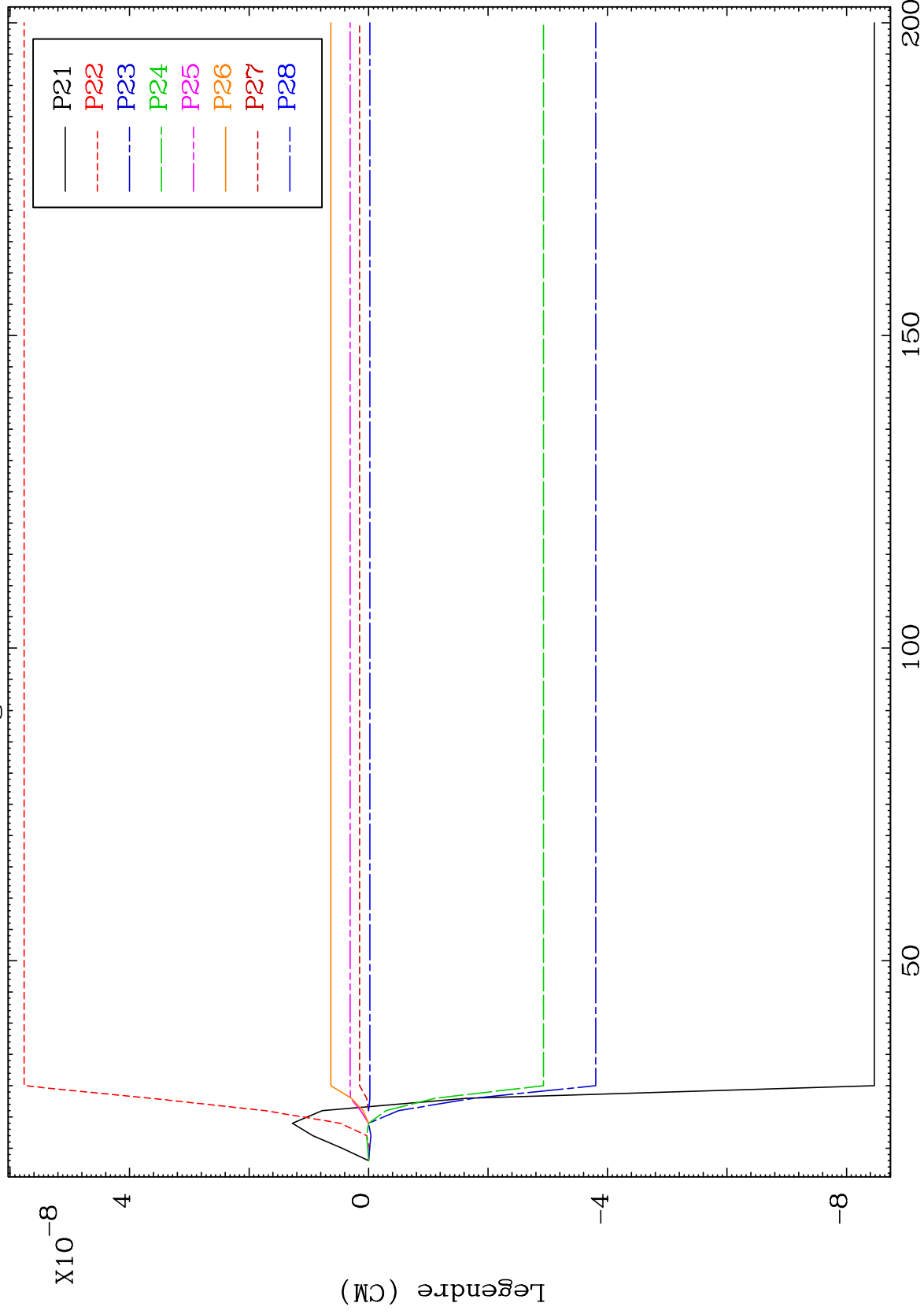
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



88

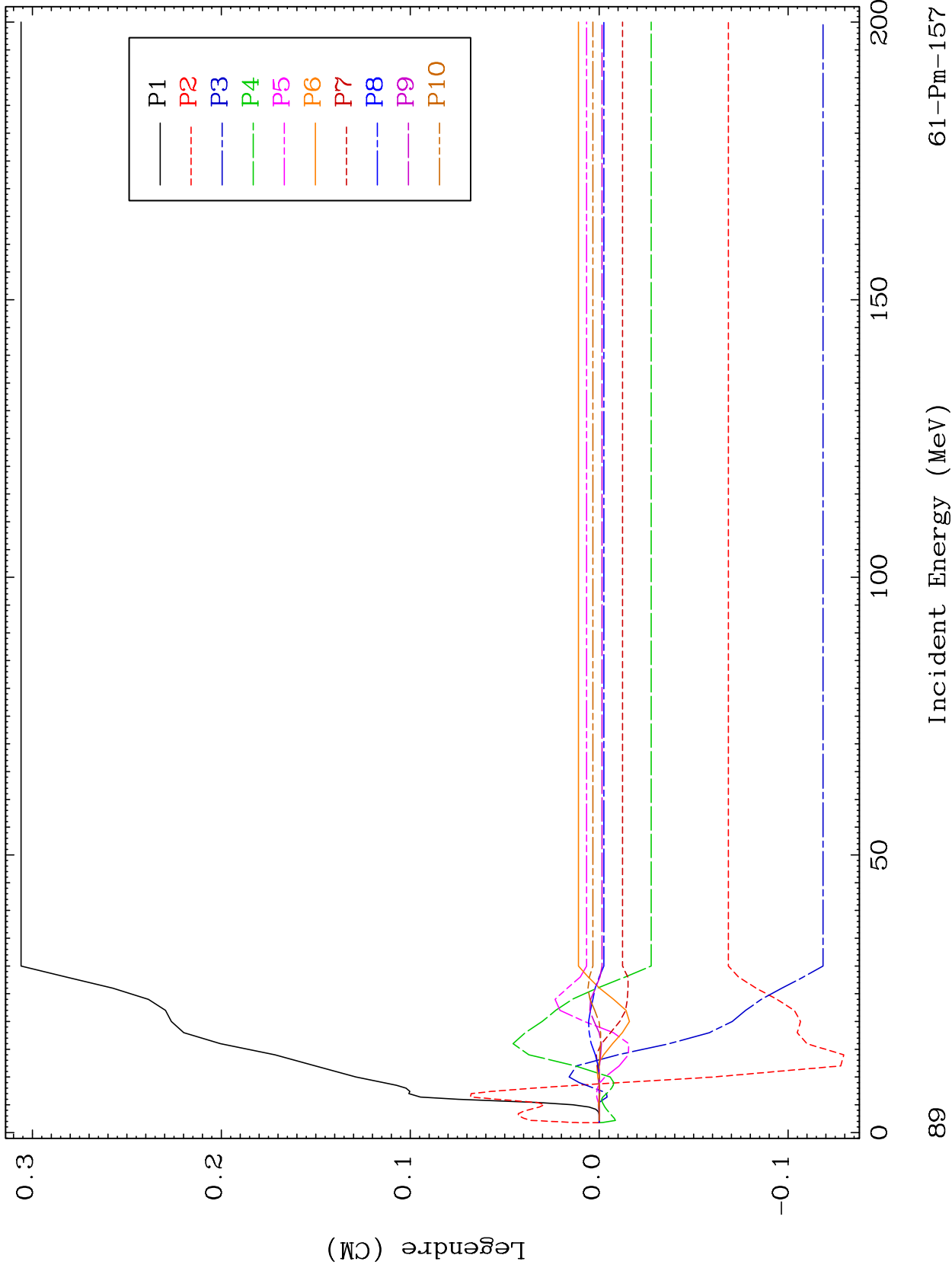
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



89

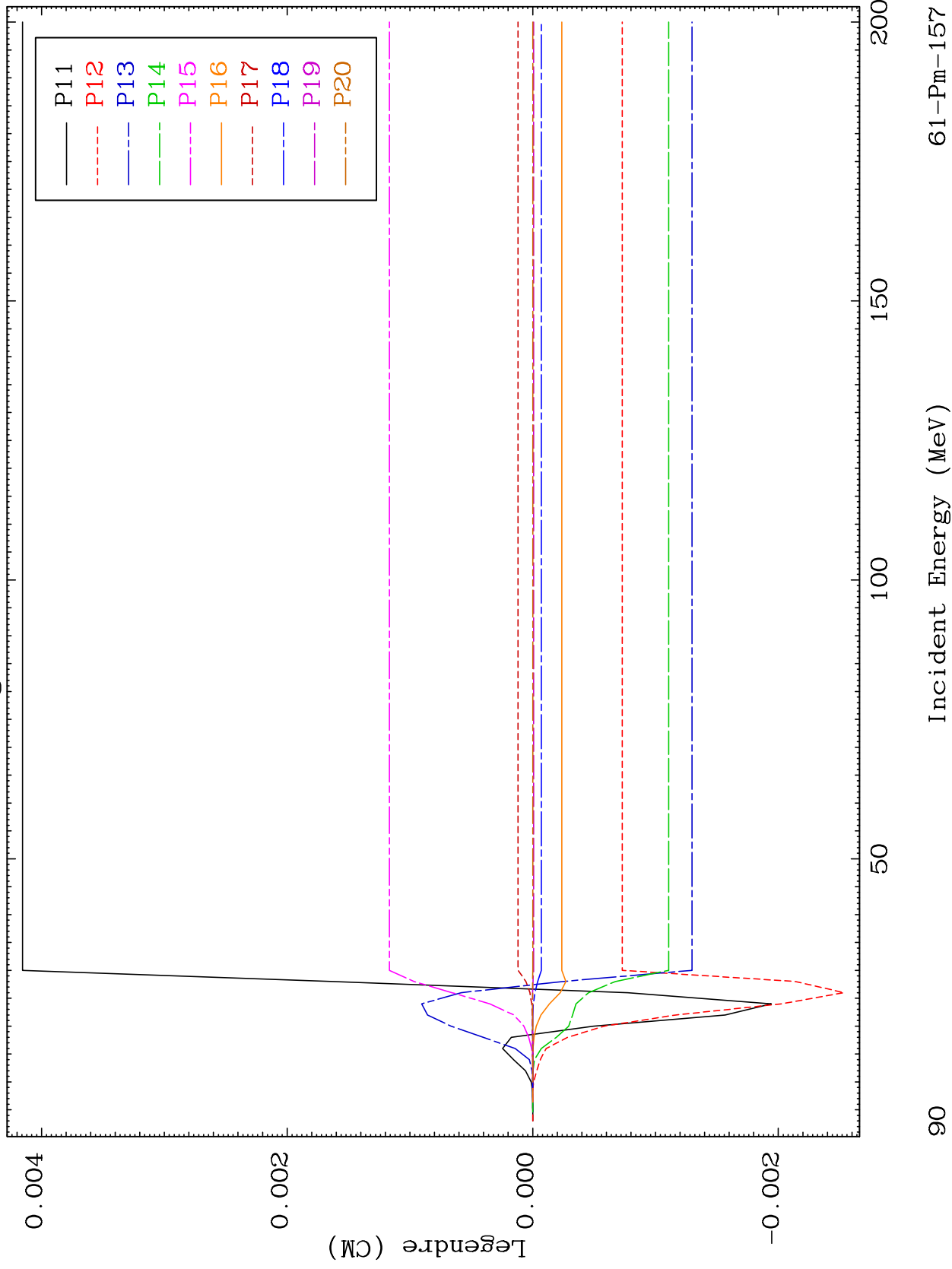
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

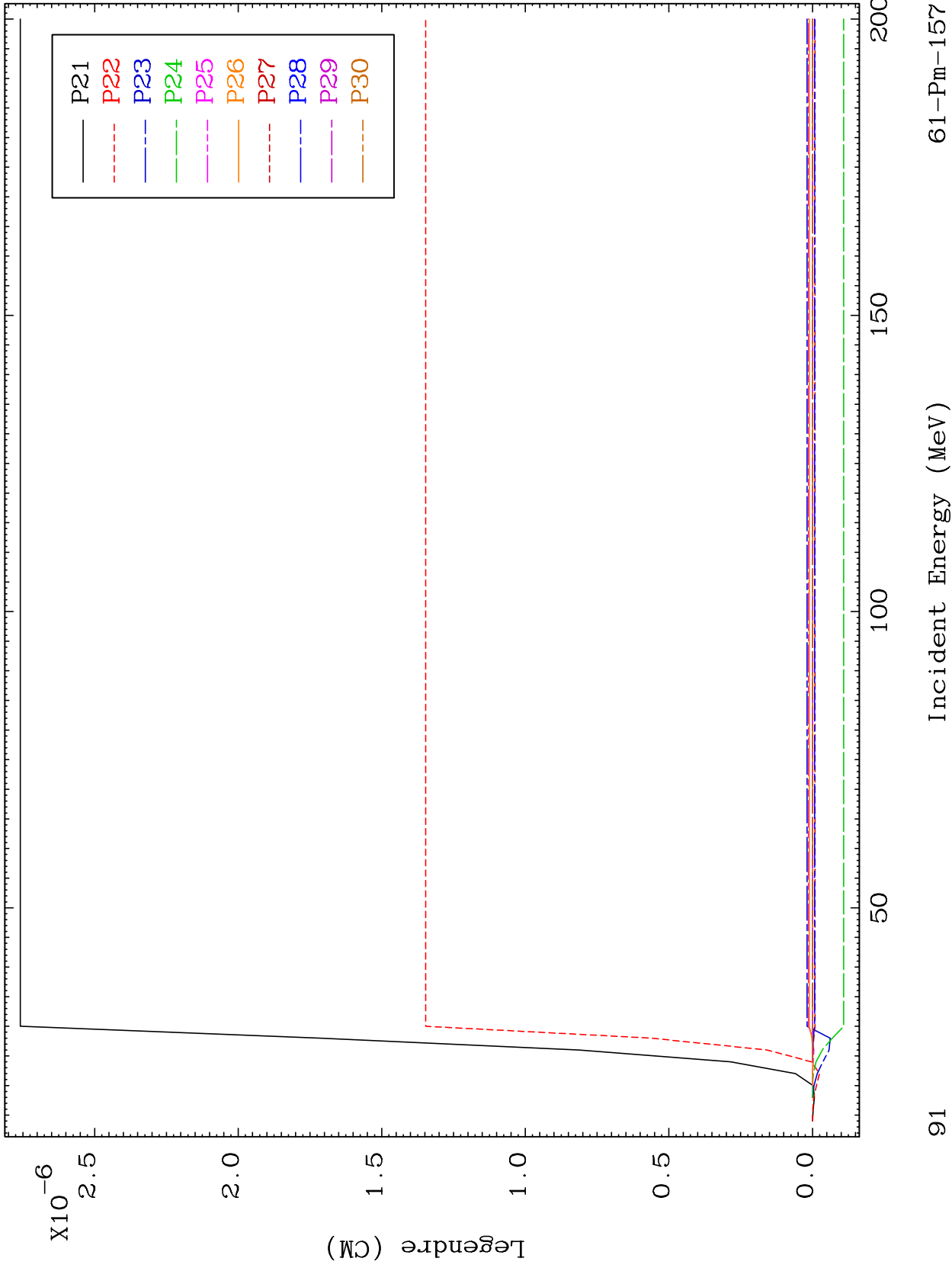
61-Pm-157



MAT 6179

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

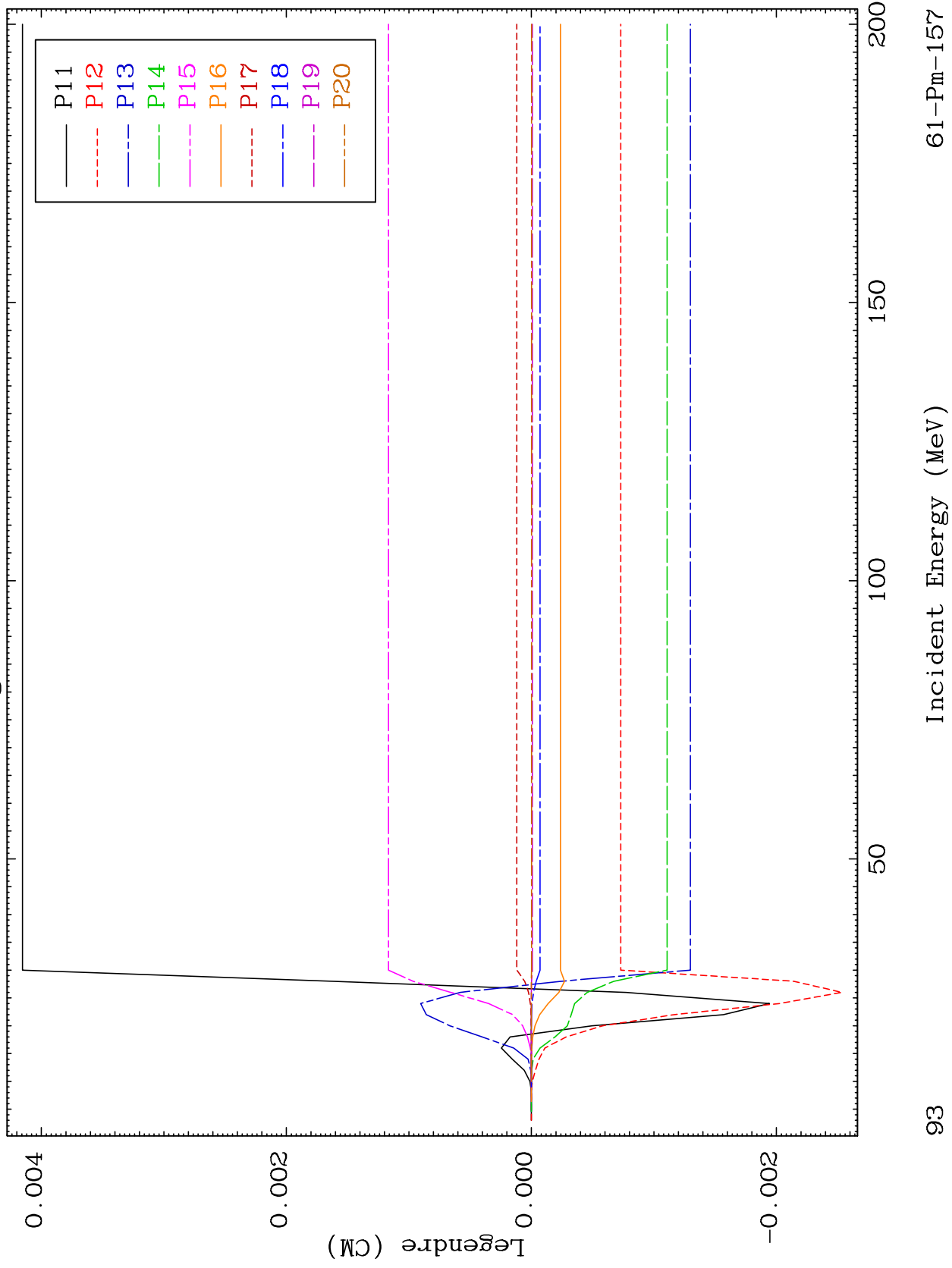
61-Pm-157



MAT 6179

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

61-Pm-157



93

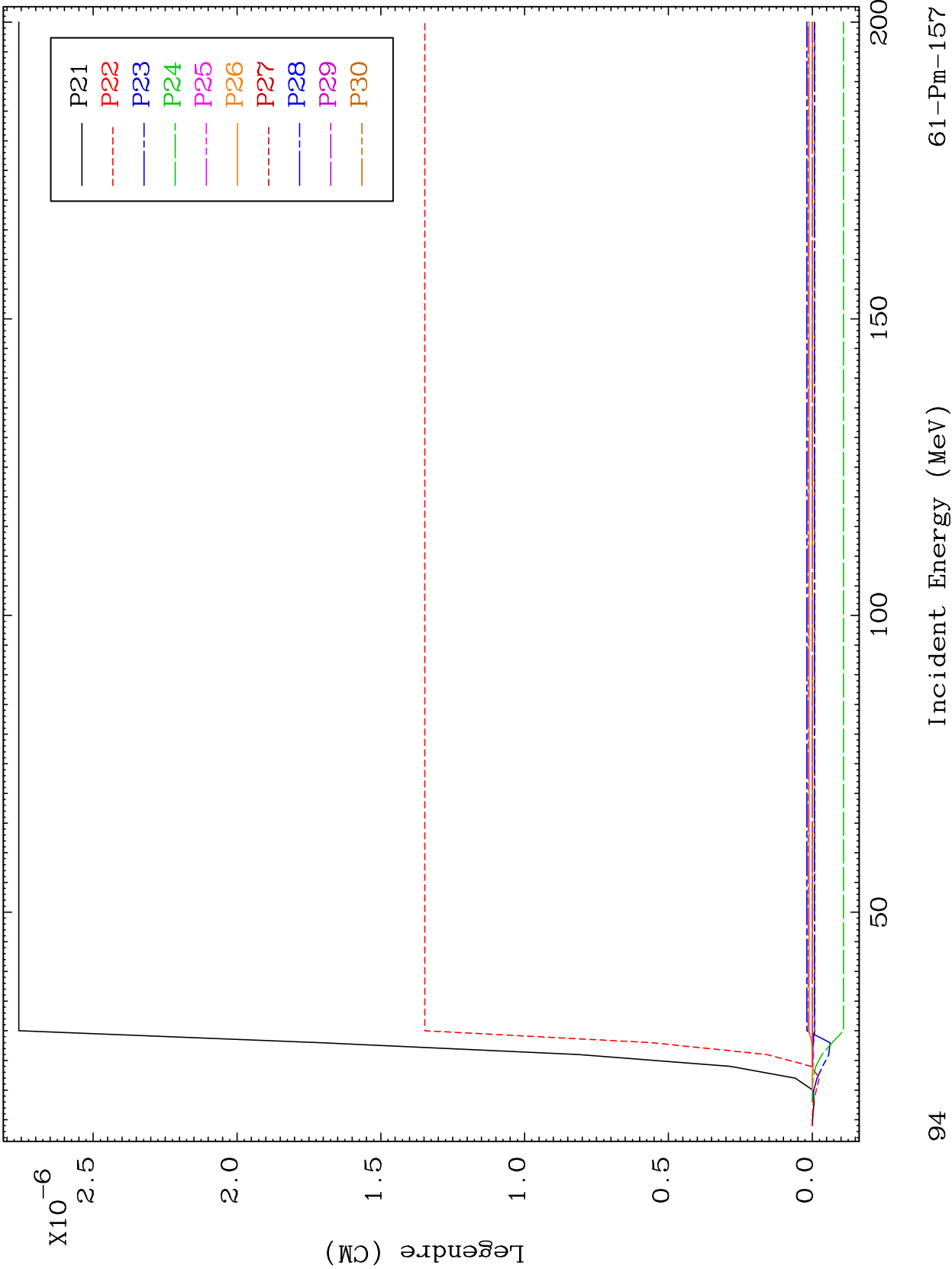
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

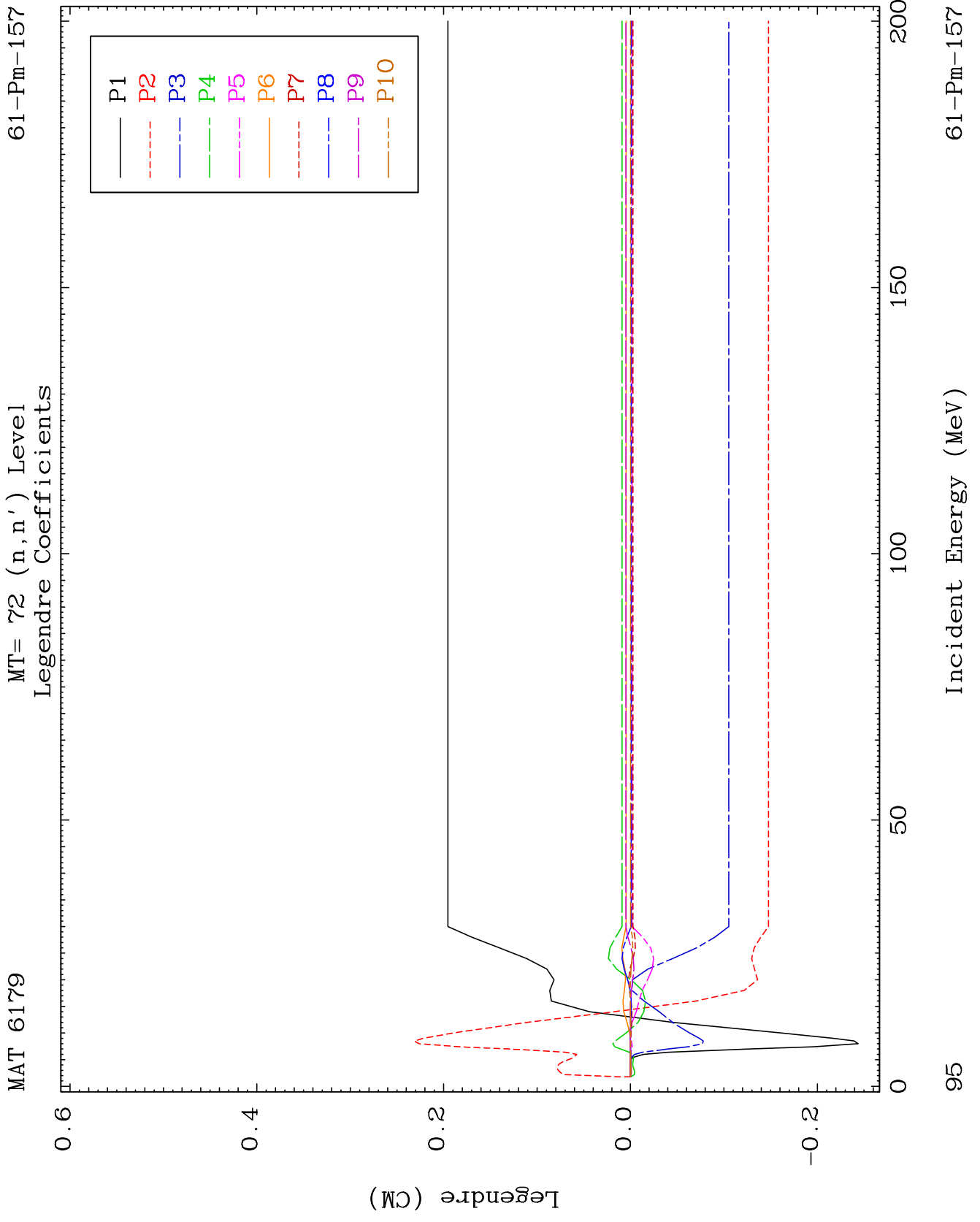
61-Pm-157



94

Incident Energy (MeV)

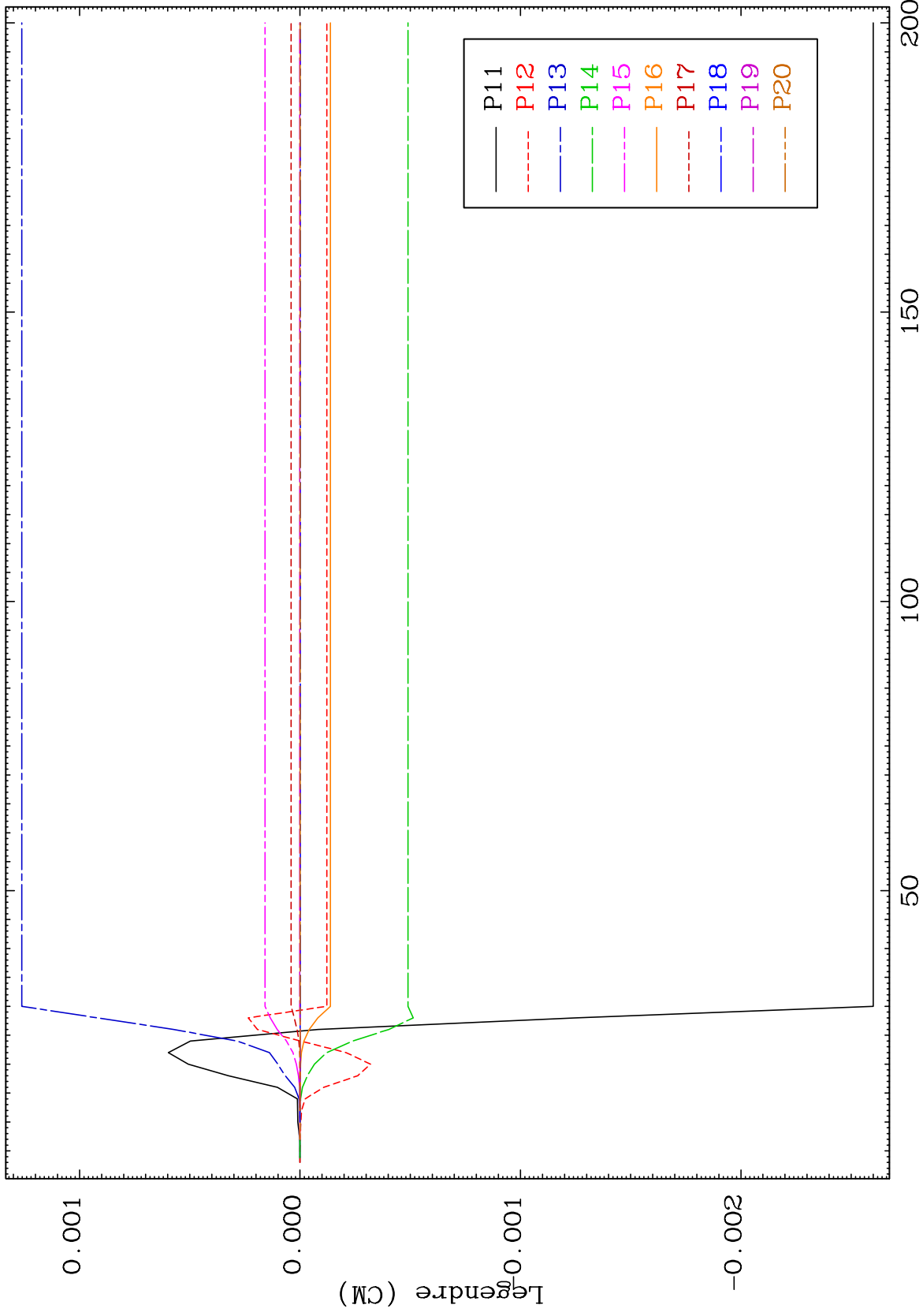
61-Pm-157



MAT 6179

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

61-Pm-157



96

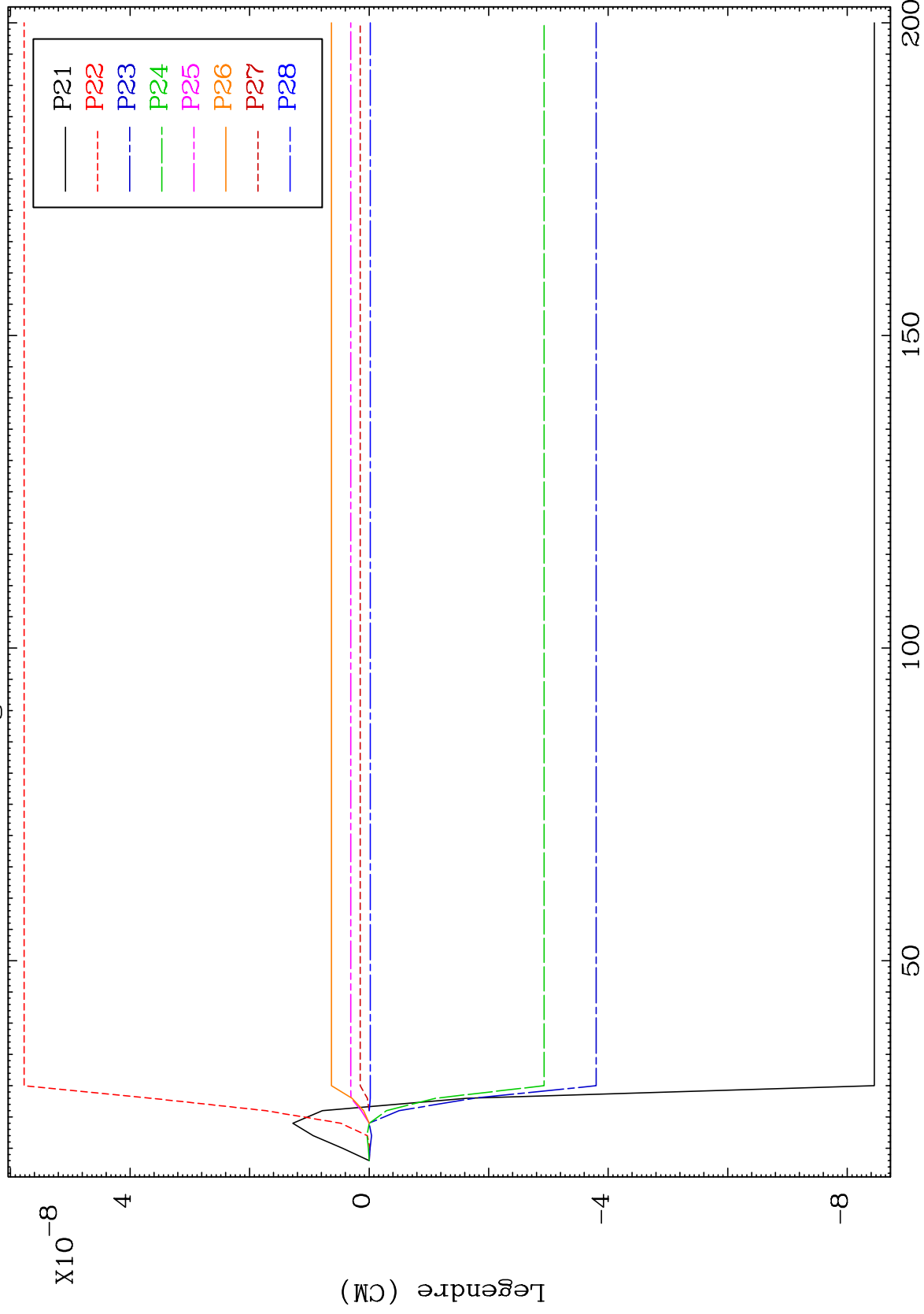
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

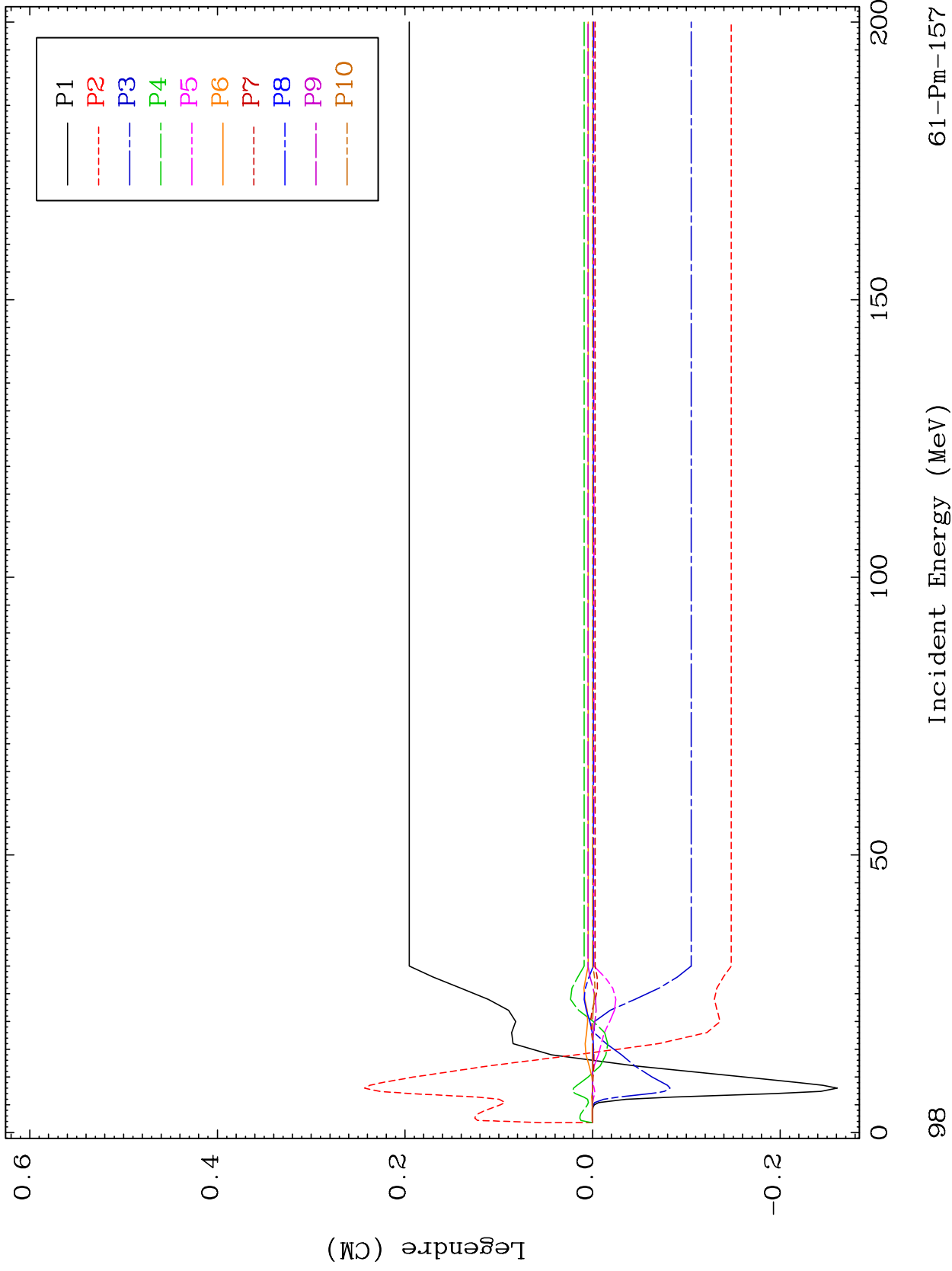
61-Pm-157



MAT 6179

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

61-Pm-157



98

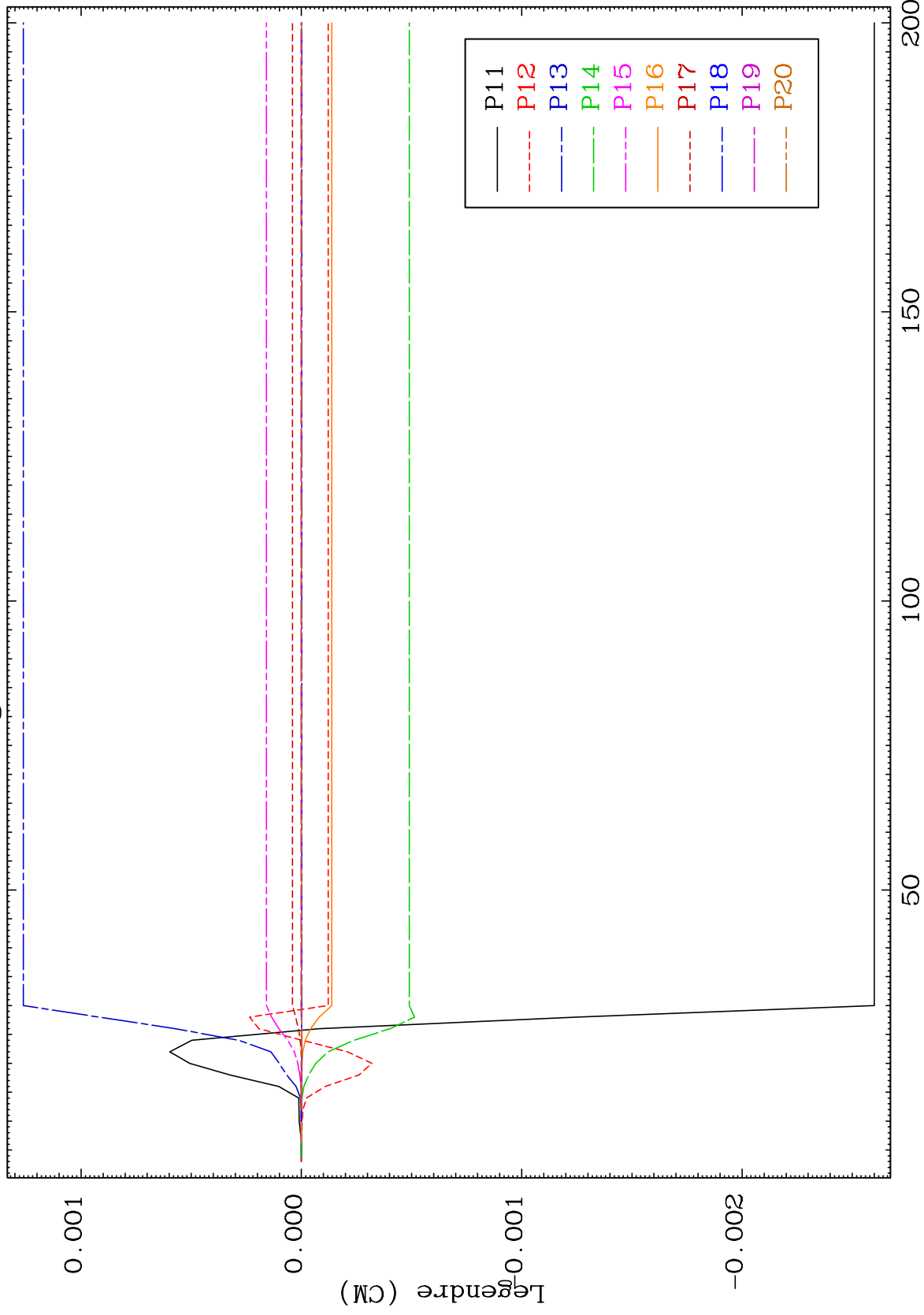
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

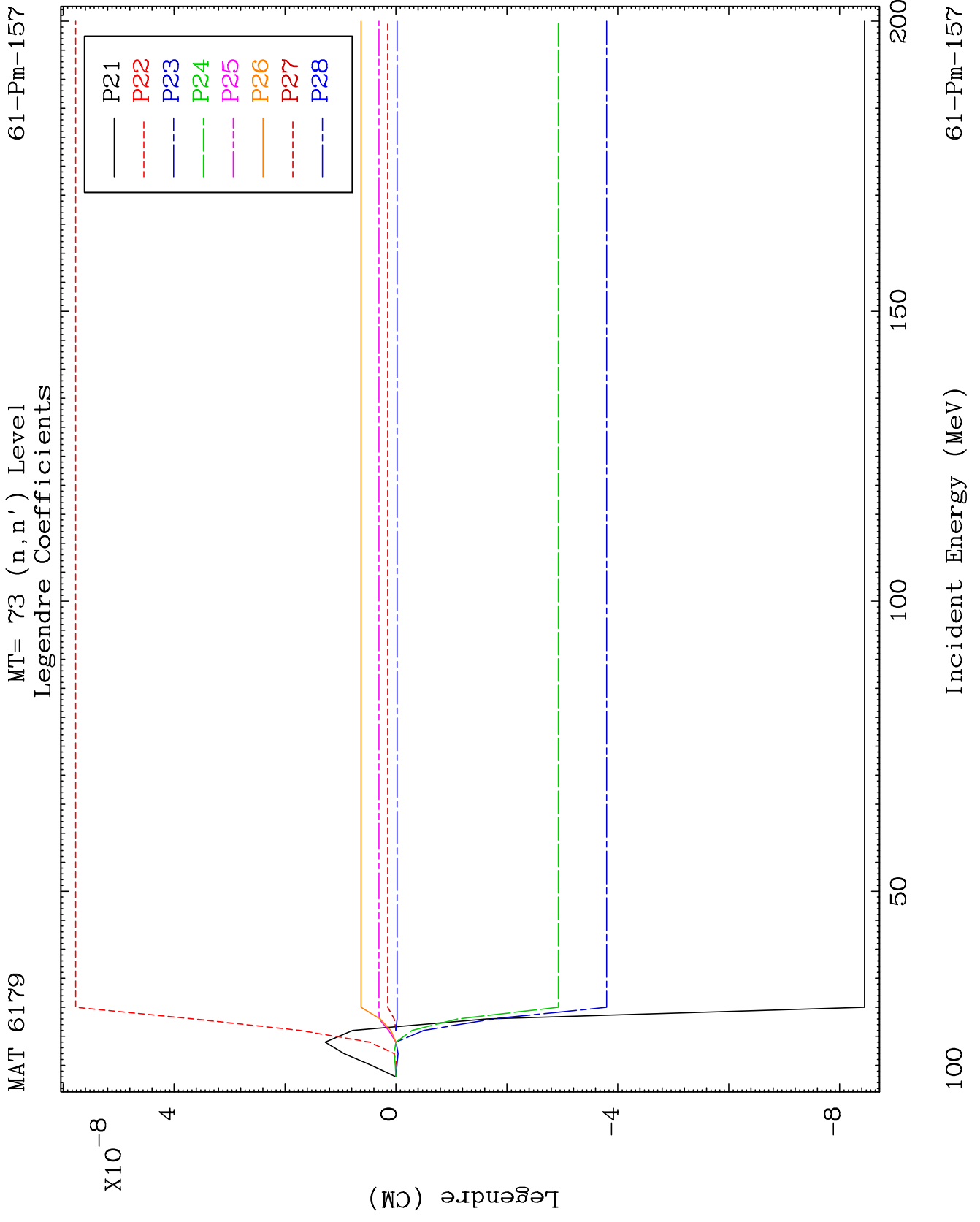
61-Pm-157



99

Incident Energy (MeV)

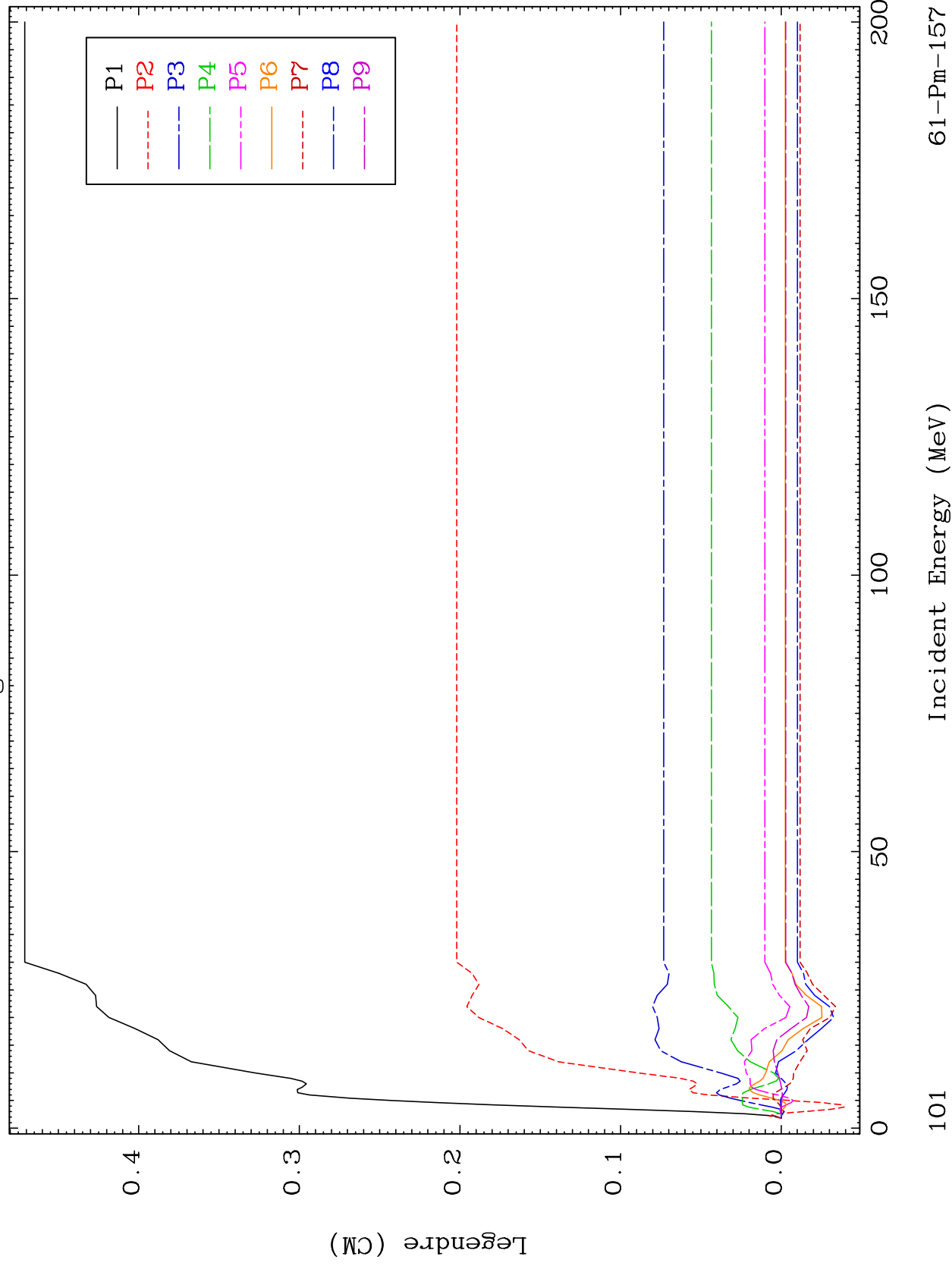
61-Pm-157



MAT 6179

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

61-Pm-157



61-Pm-157

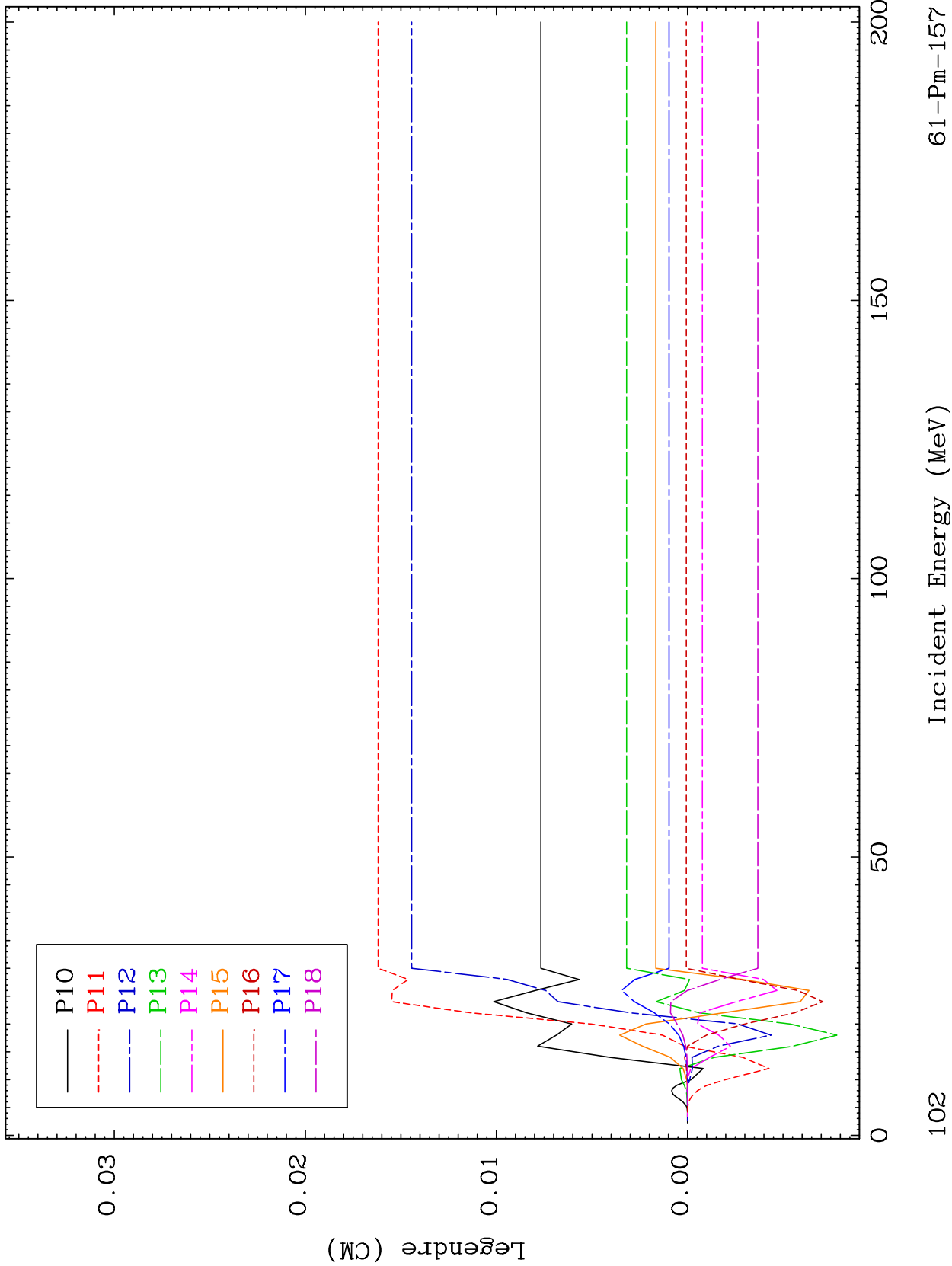
Incident Energy (MeV)

101

MAT 6179

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

61-Pm-157



61-Pm-157

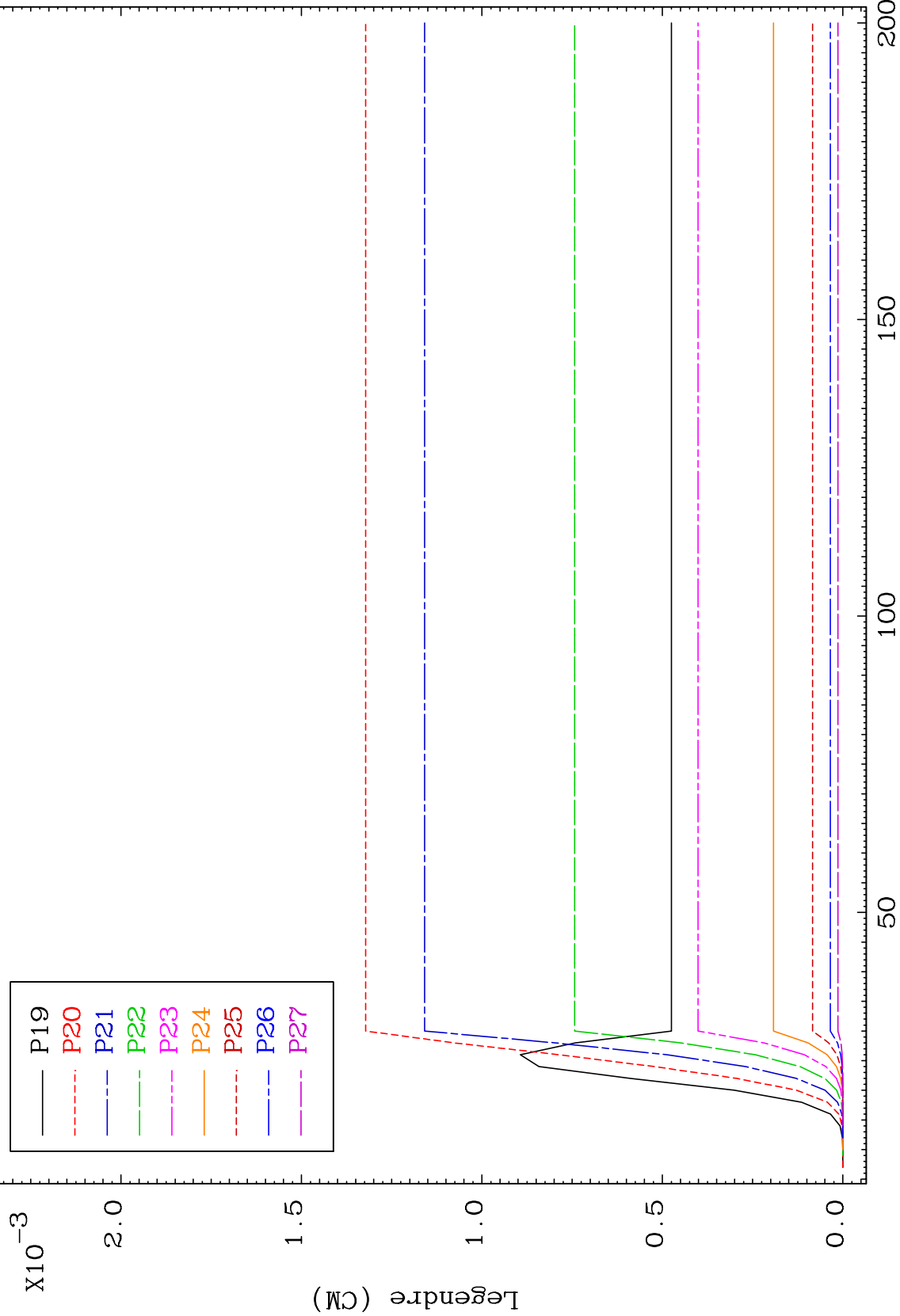
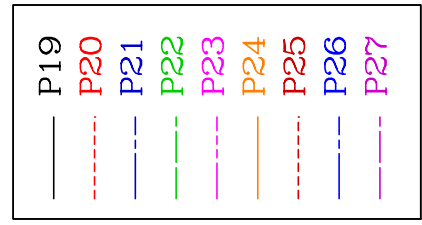
Incident Energy (MeV)

102

MAT 6179

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

61-Pm-157



103

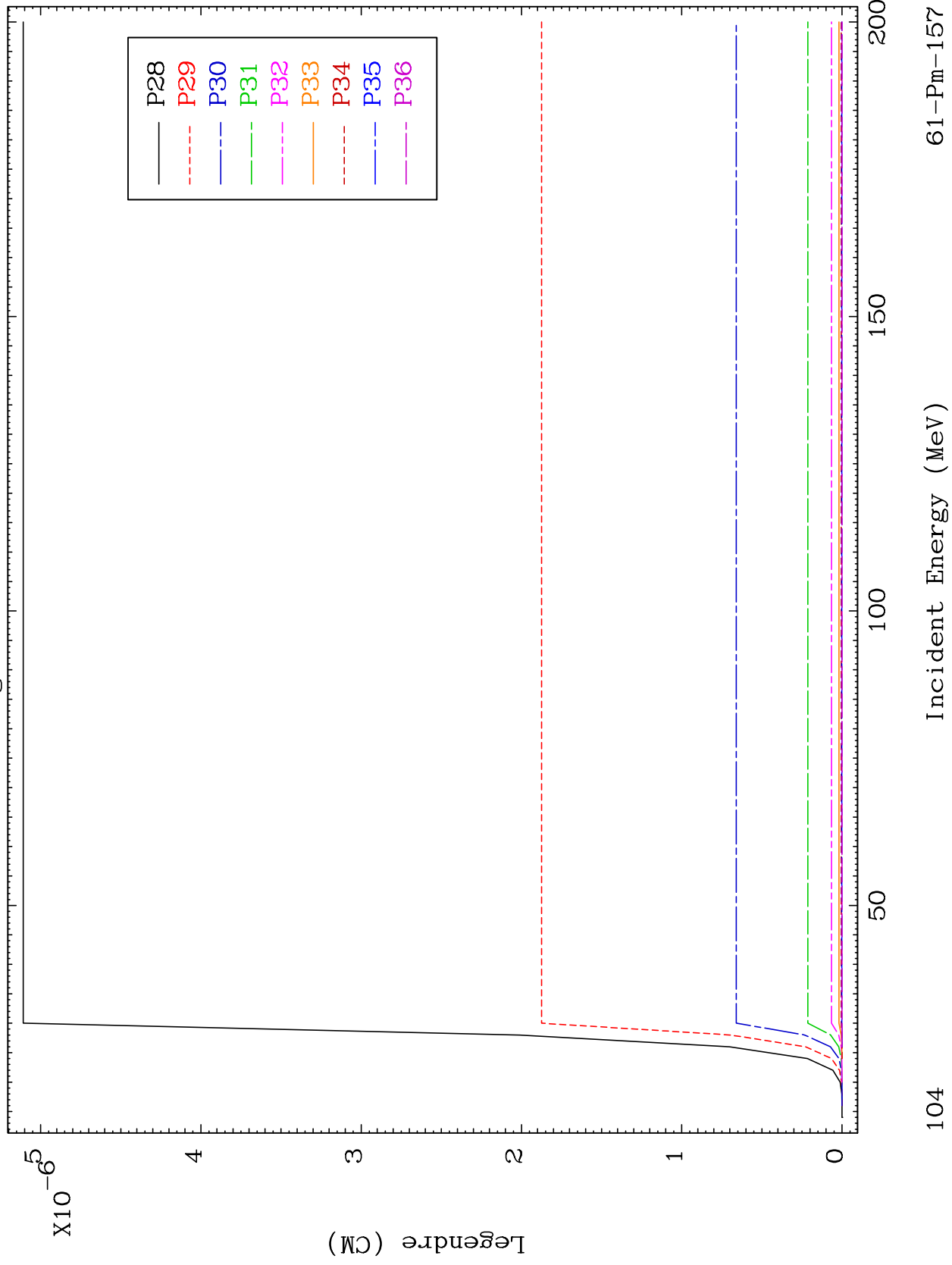
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

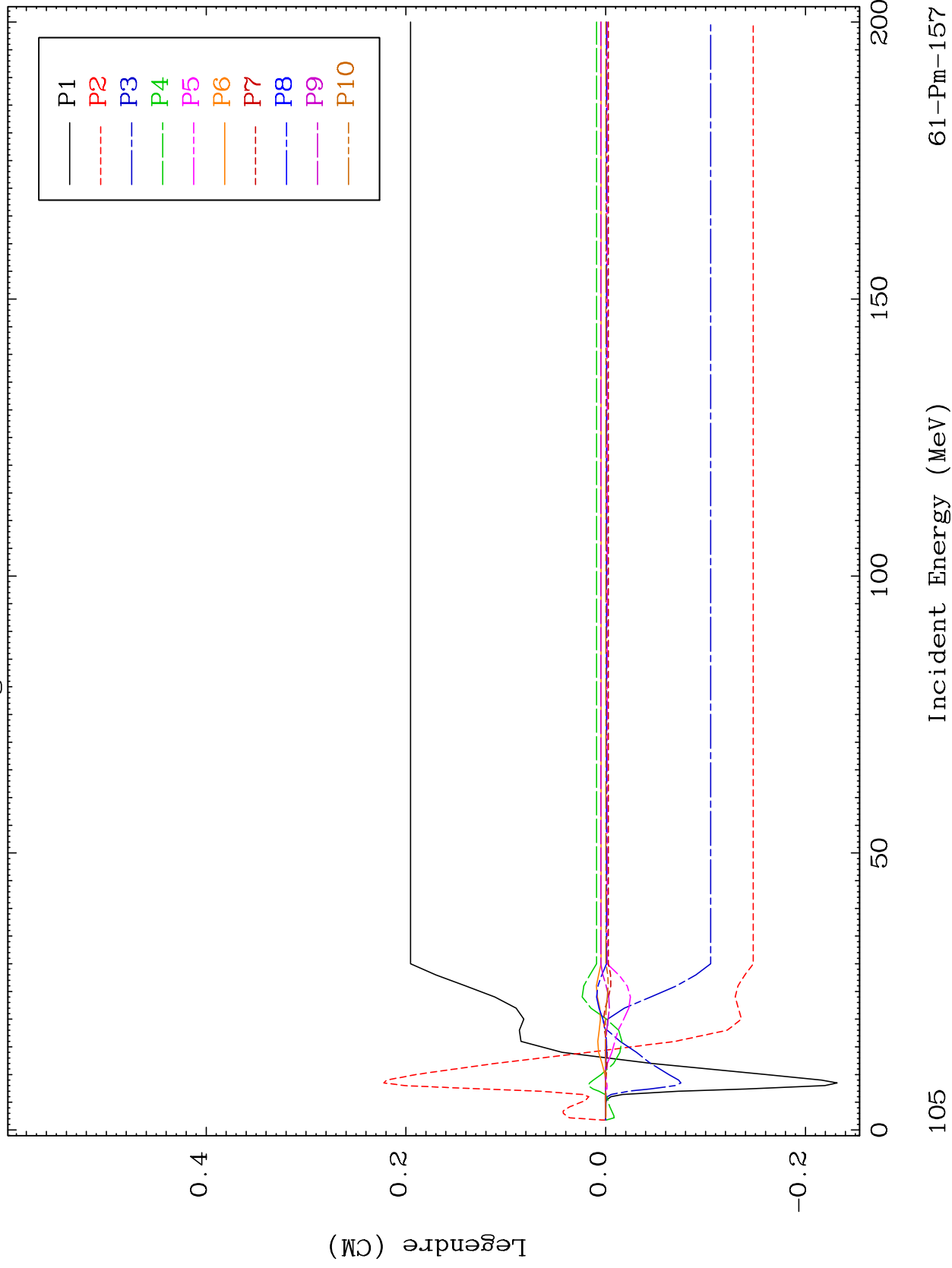
61-Pm-157



MAT 6179

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

61-Pm-157



61-Pm-157

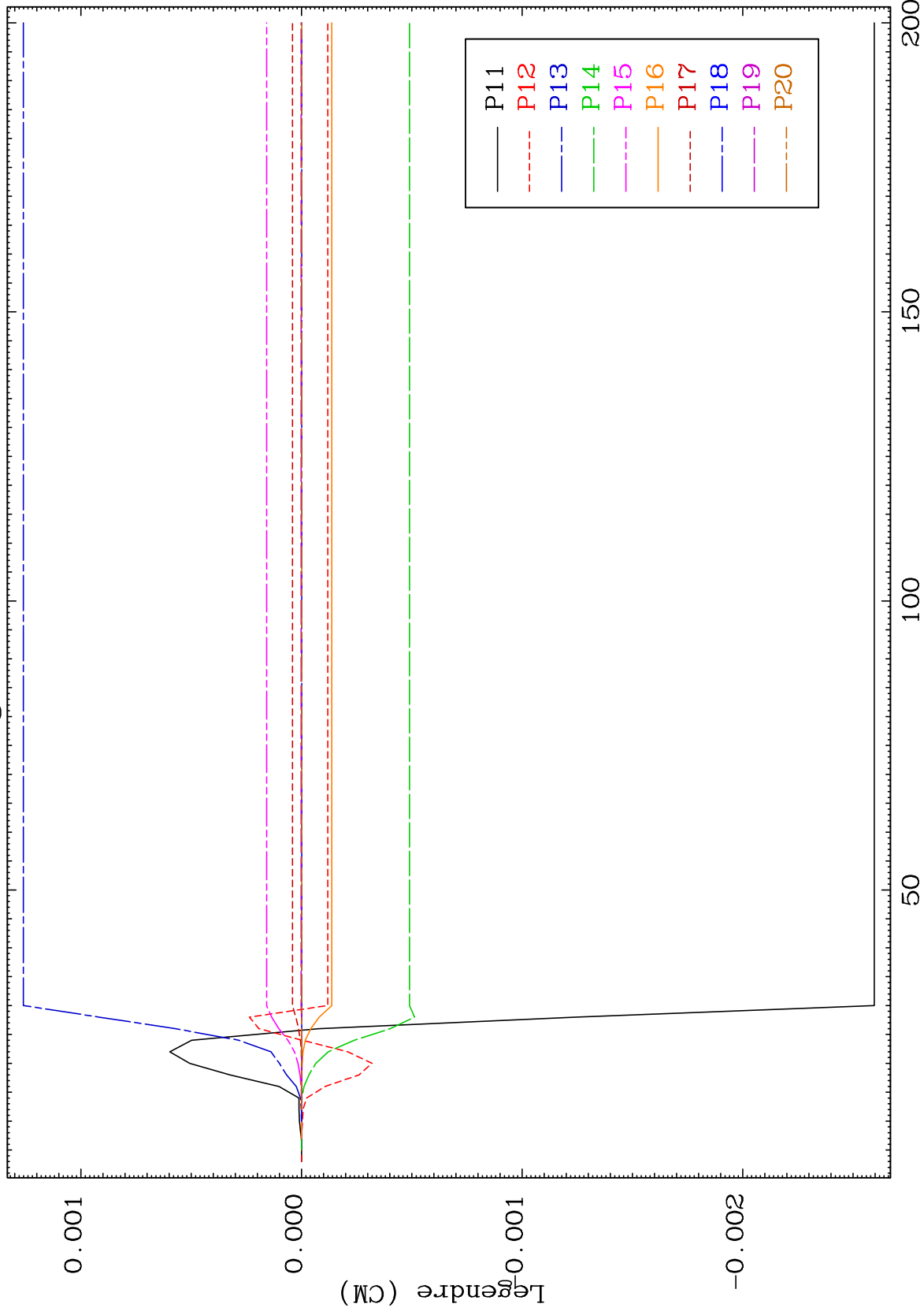
Incident Energy (MeV)

105

MAT 6179

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

61-Pm-157



106

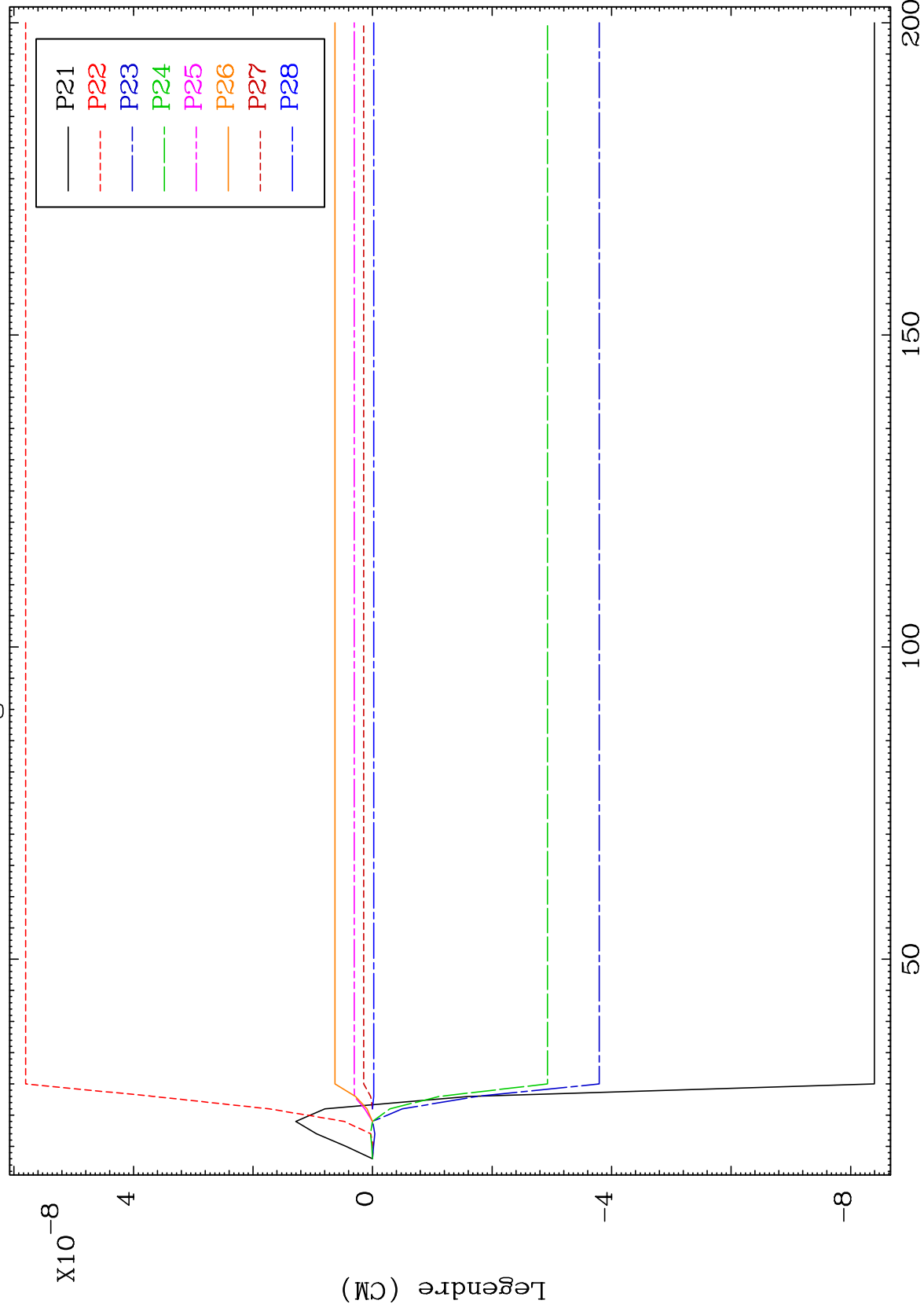
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



107

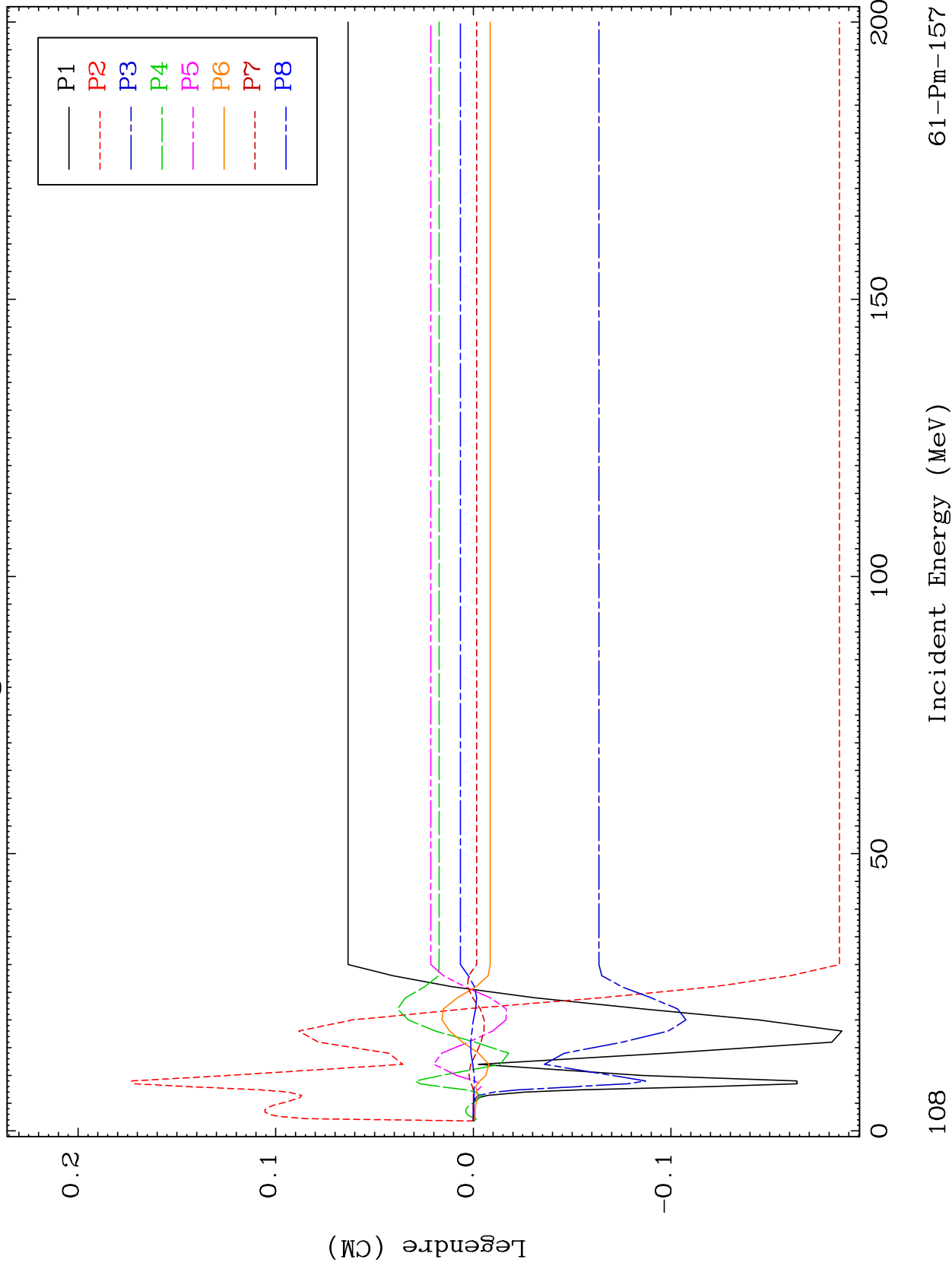
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



61-Pm-157

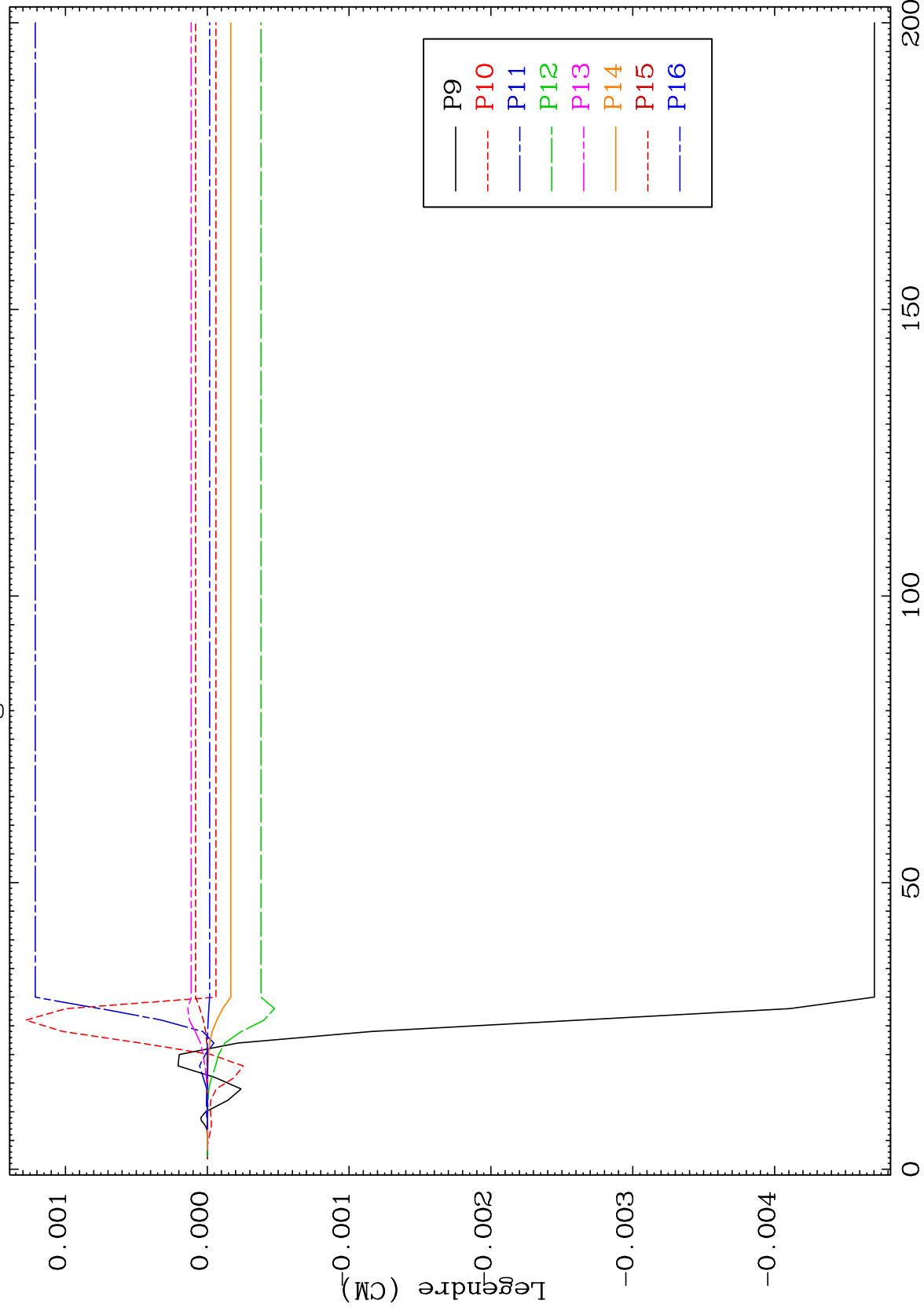
Incident Energy (MeV)

108

MAT 6179

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

61-Pm-157



109

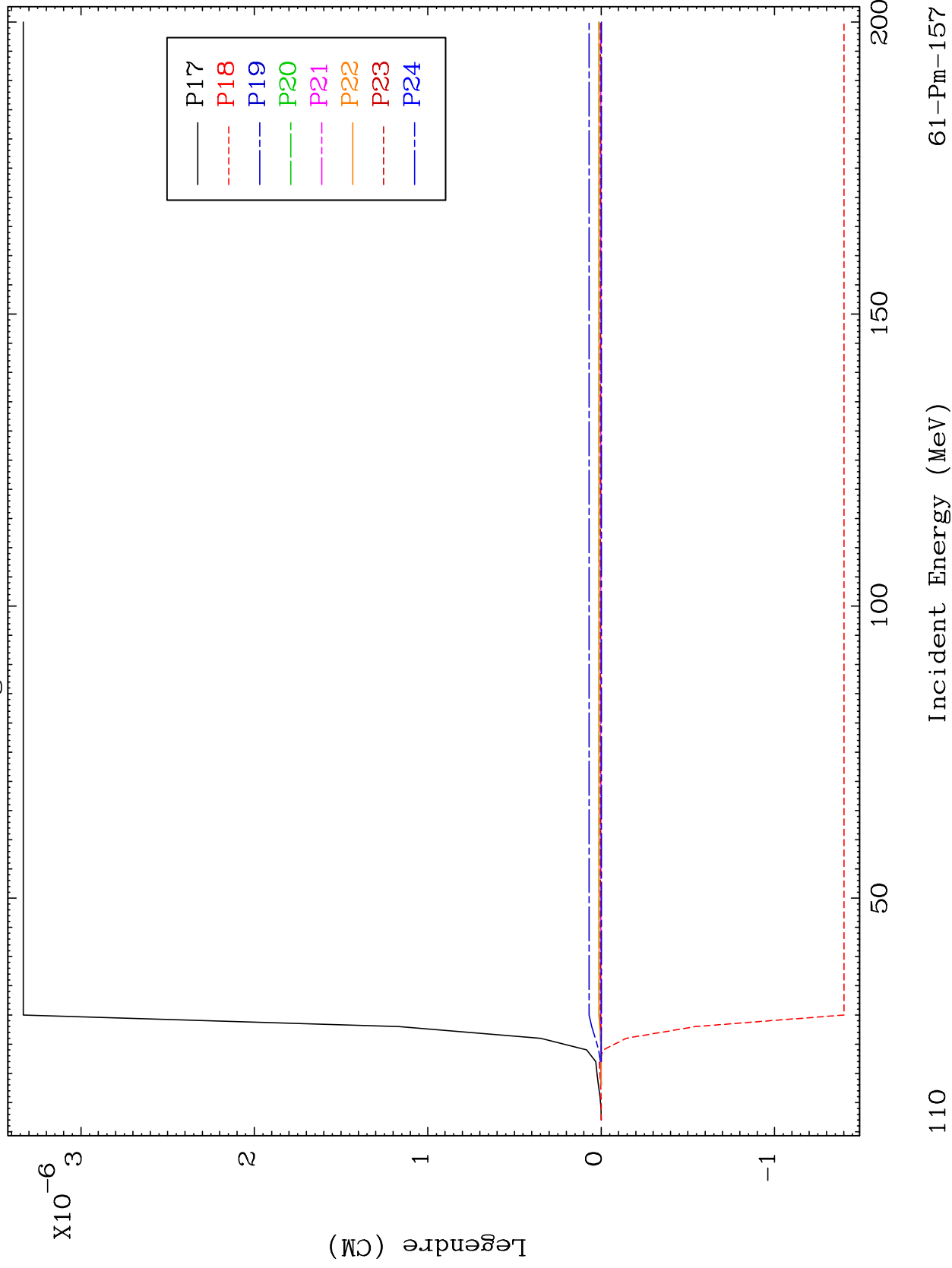
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

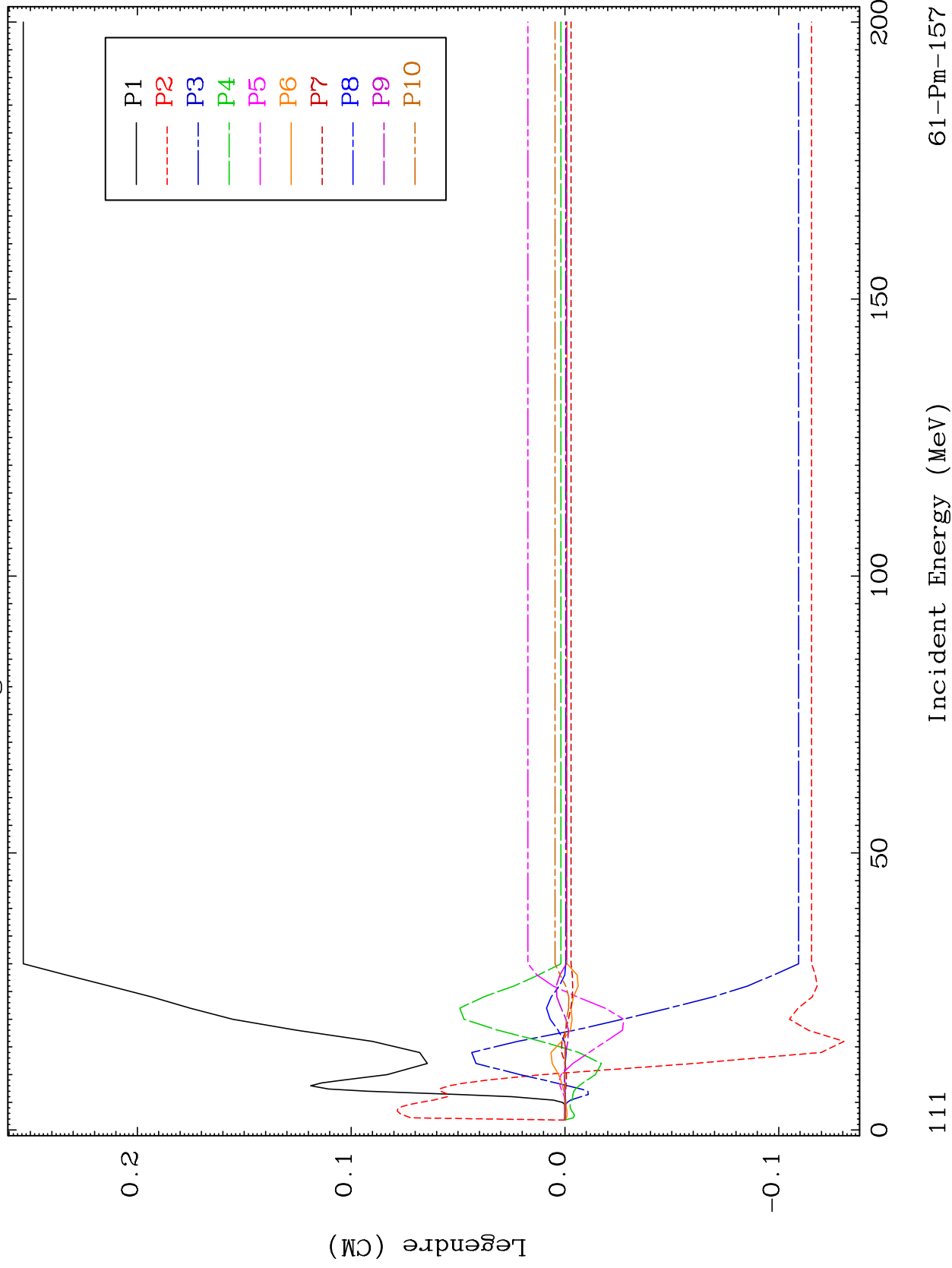
61-Pm-157



MAT 6179

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

61-Pm-157



61-Pm-157

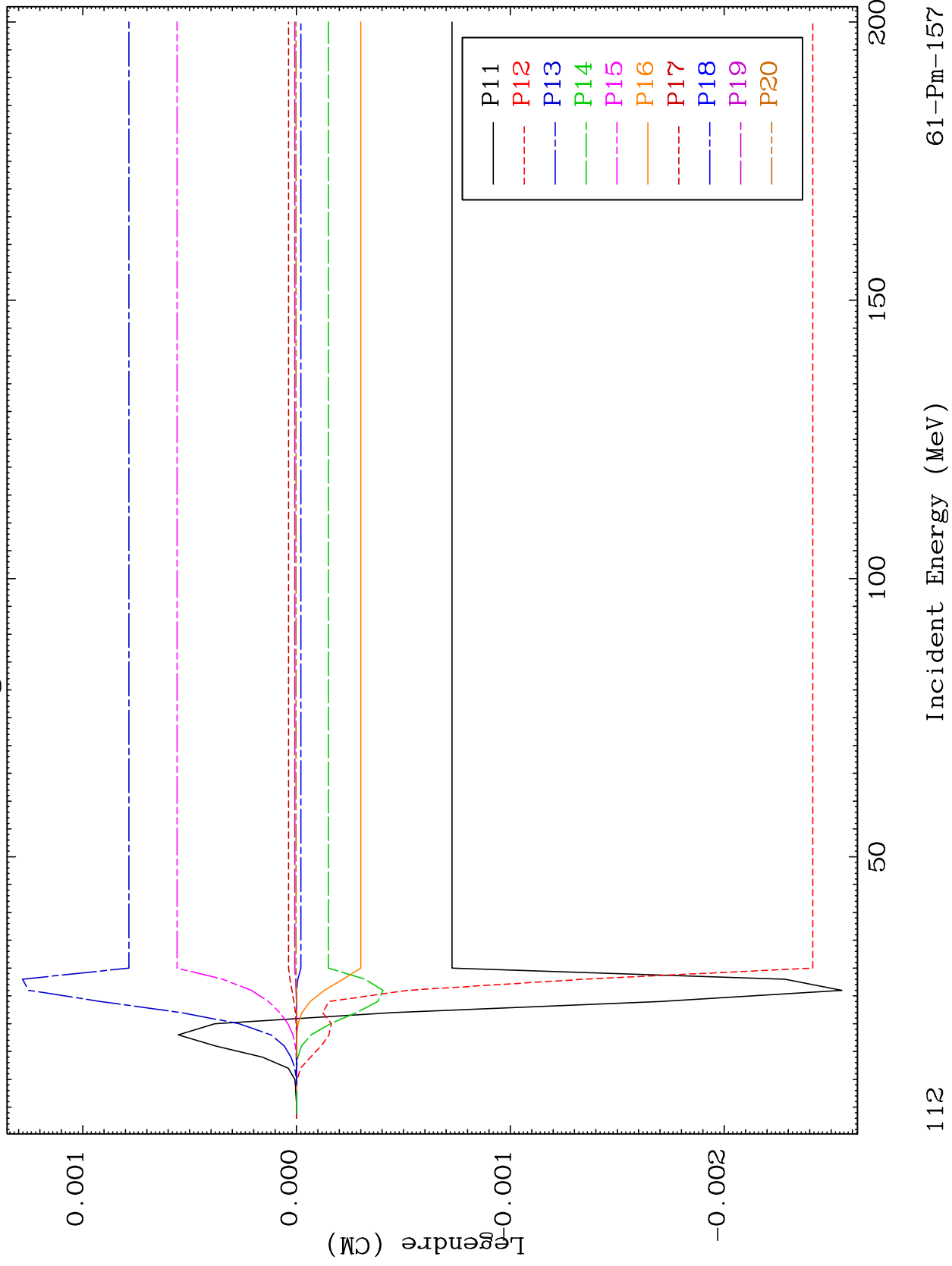
Incident Energy (MeV)

111

MAT 6179

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

61-Pm-157



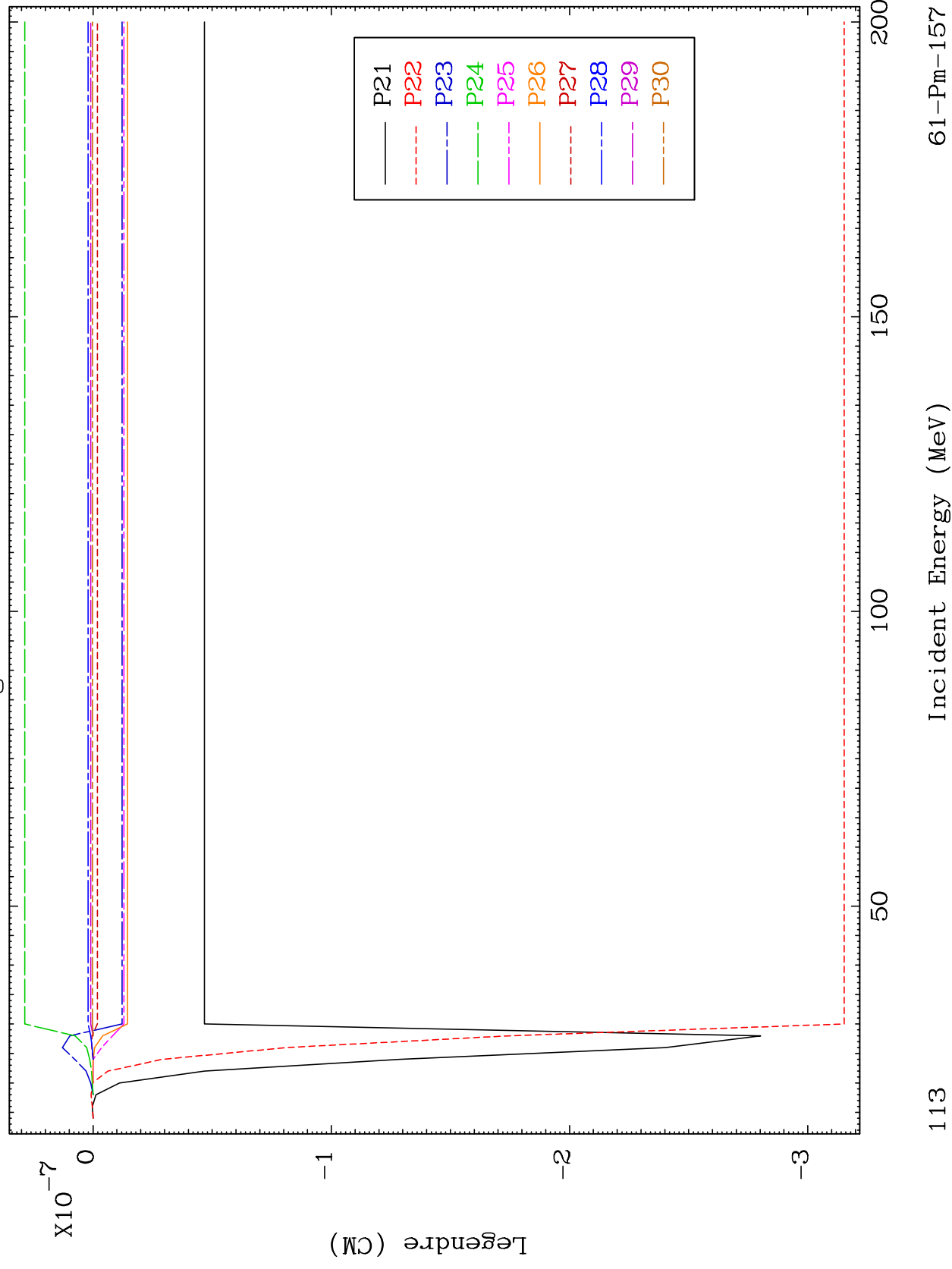
112

61-Pm-157

MAT 6179

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

61-Pm-157



113

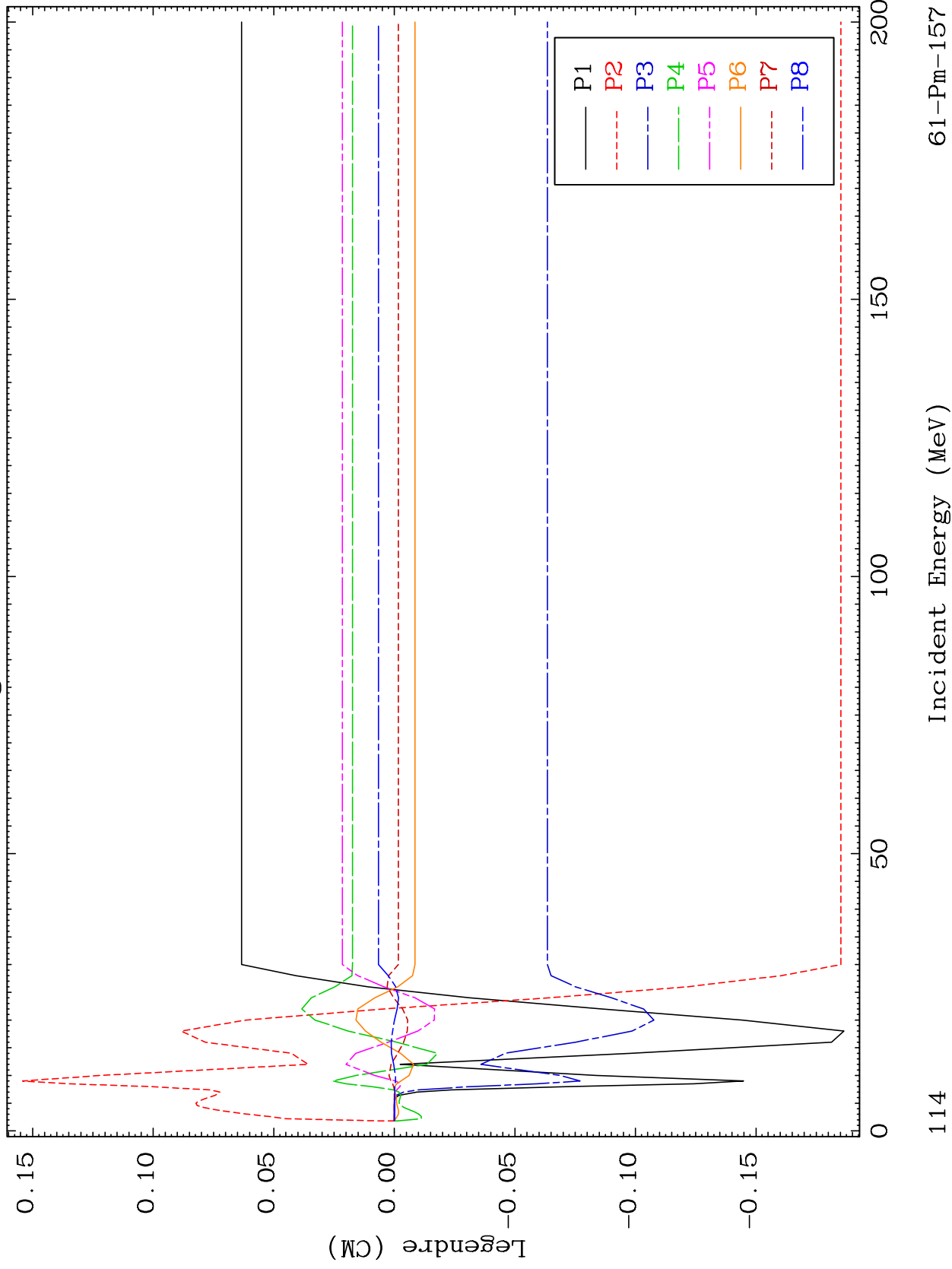
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



114

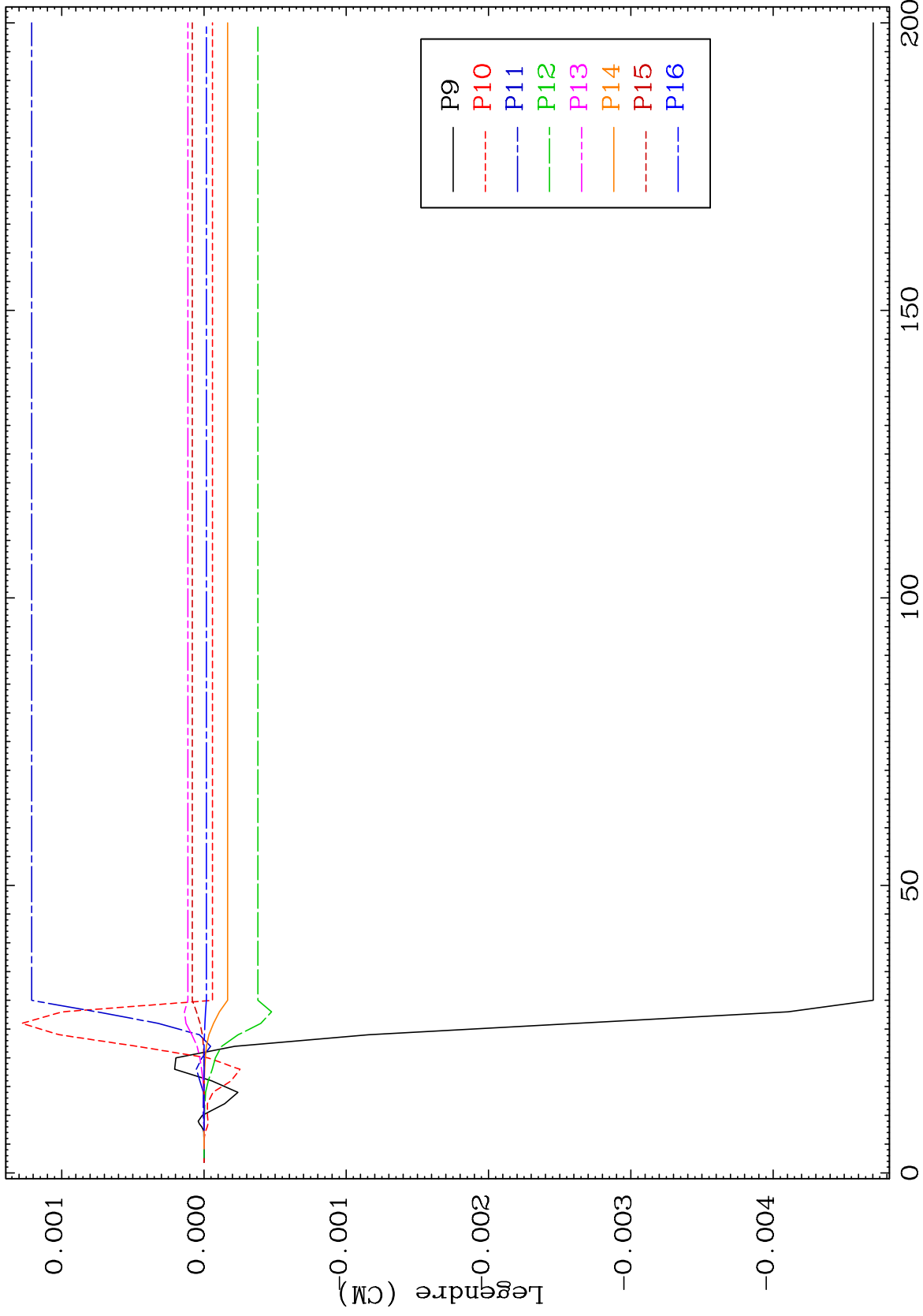
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

61-Pm-157



115

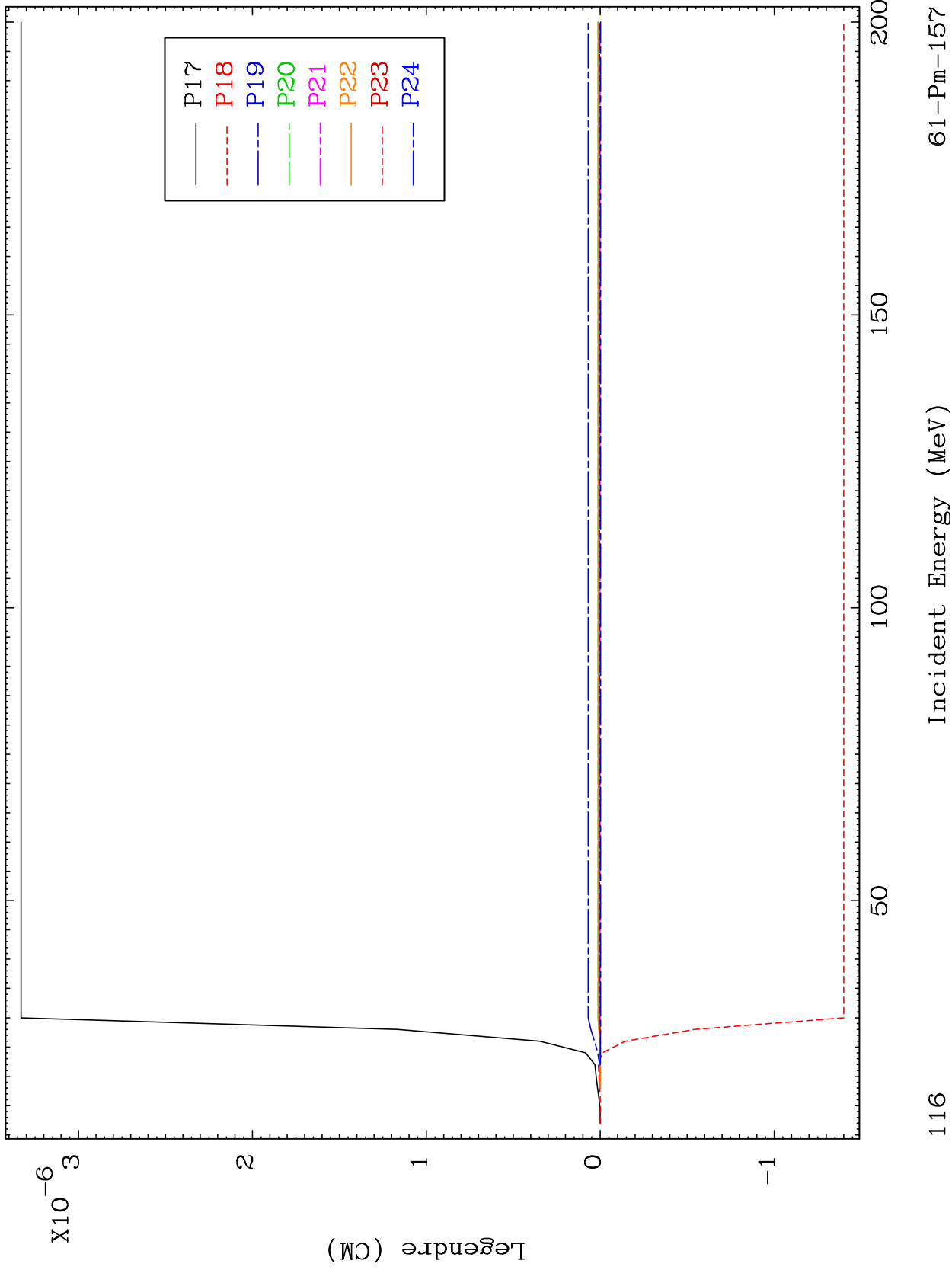
Incident Energy (MeV)

61-Pm-157

MAT 6179

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

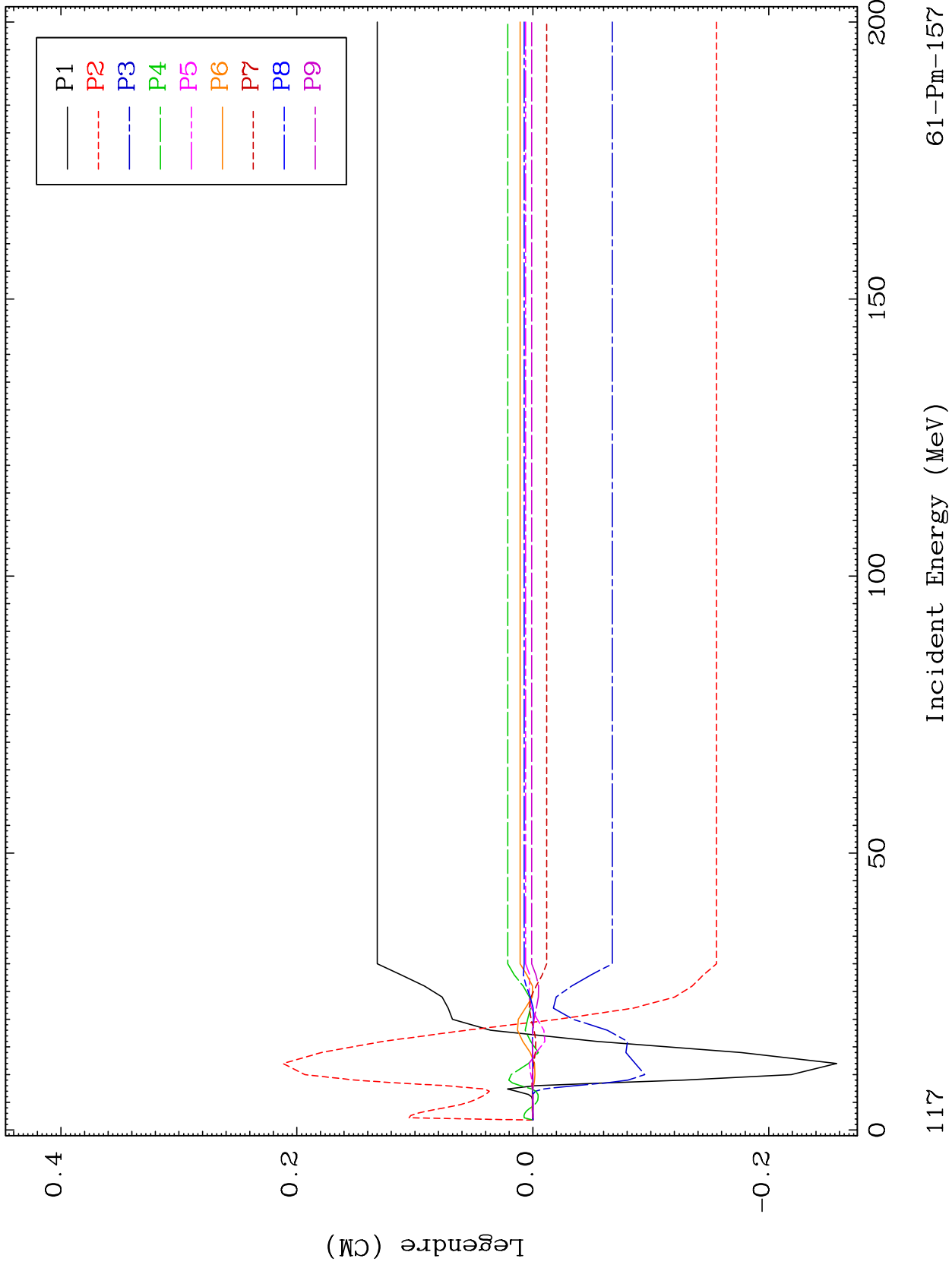
61-Pm-157



MAT 6179

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

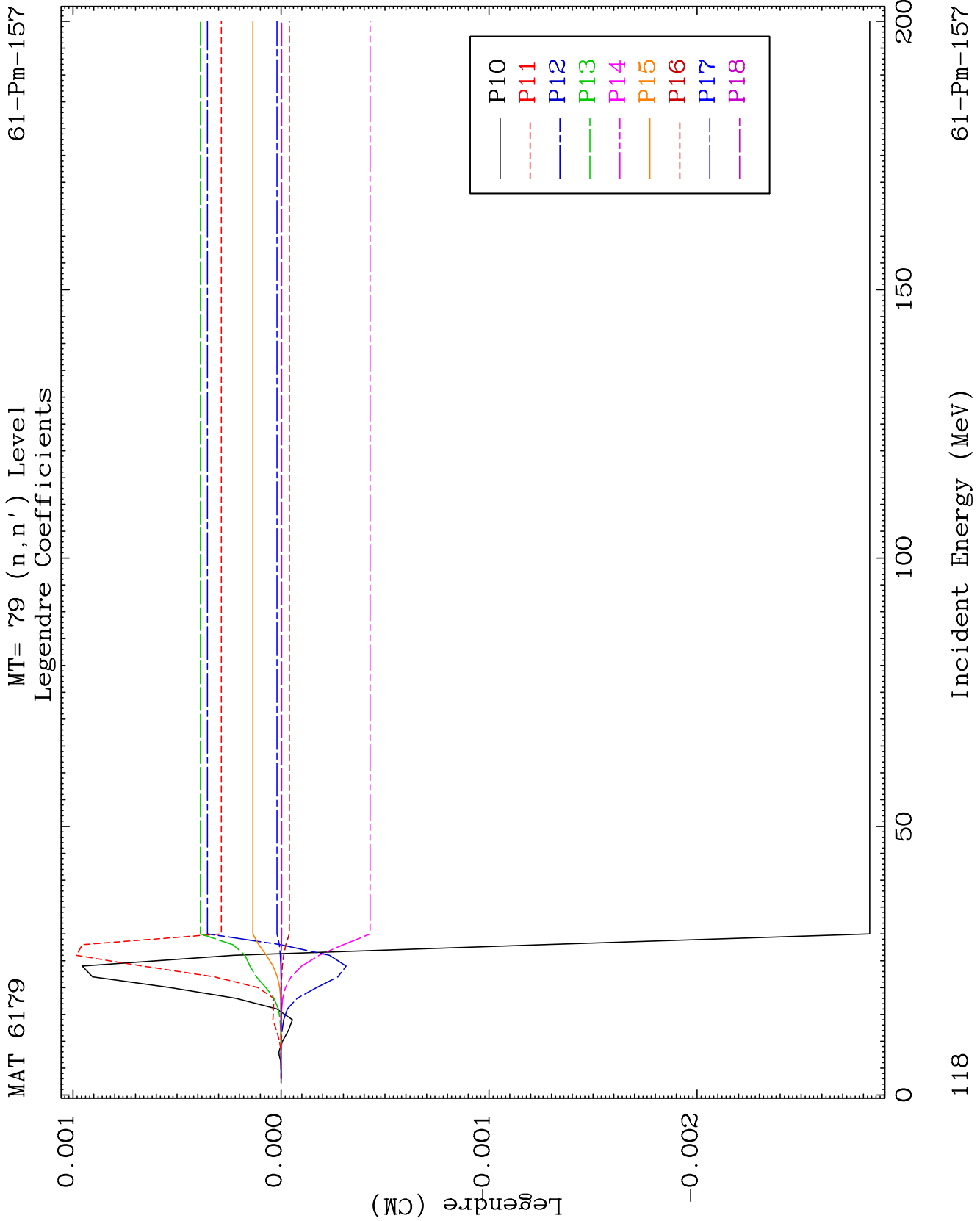
61-Pm-157



117

Incident Energy (MeV)

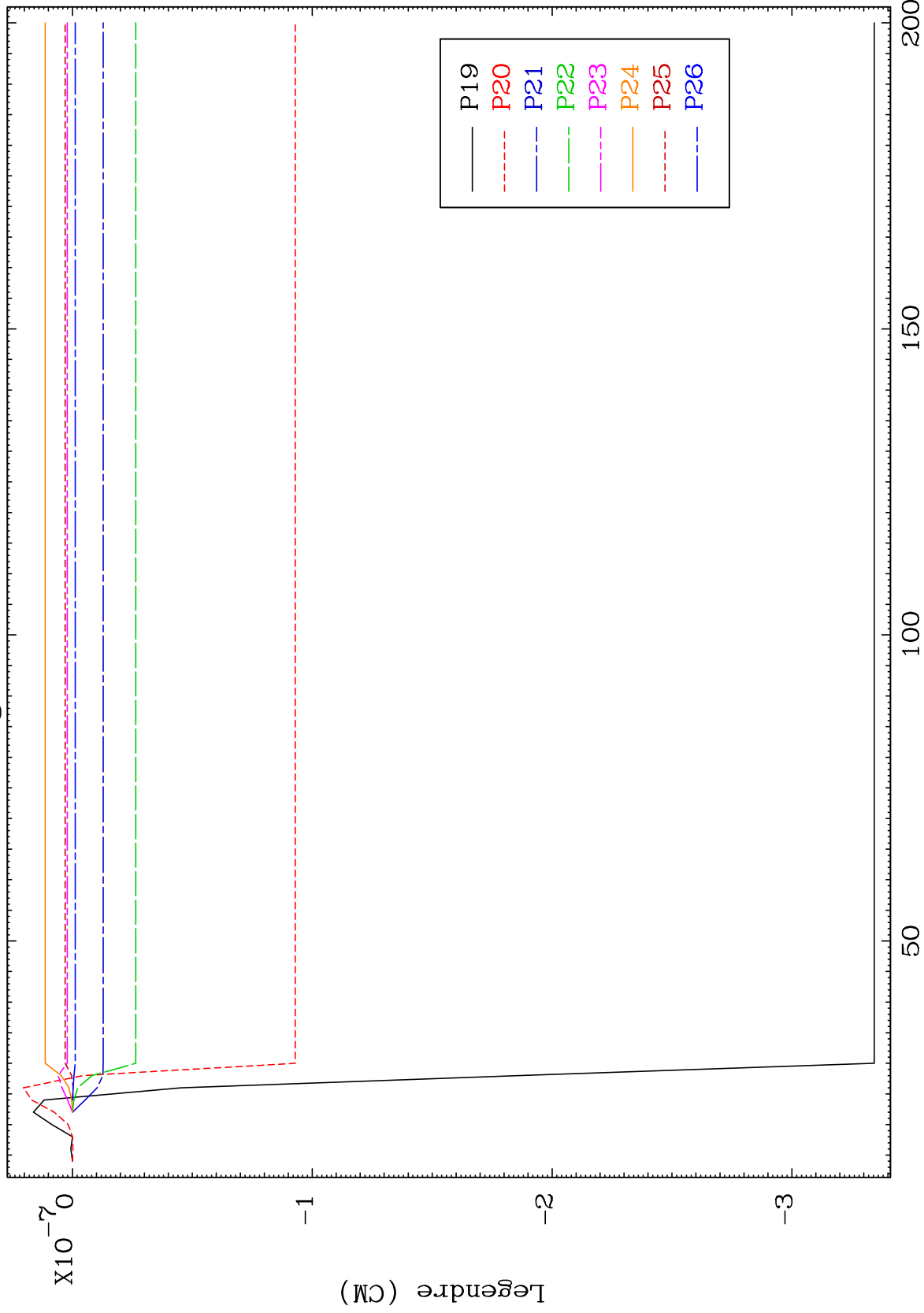
61-Pm-157



MAT 6179

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

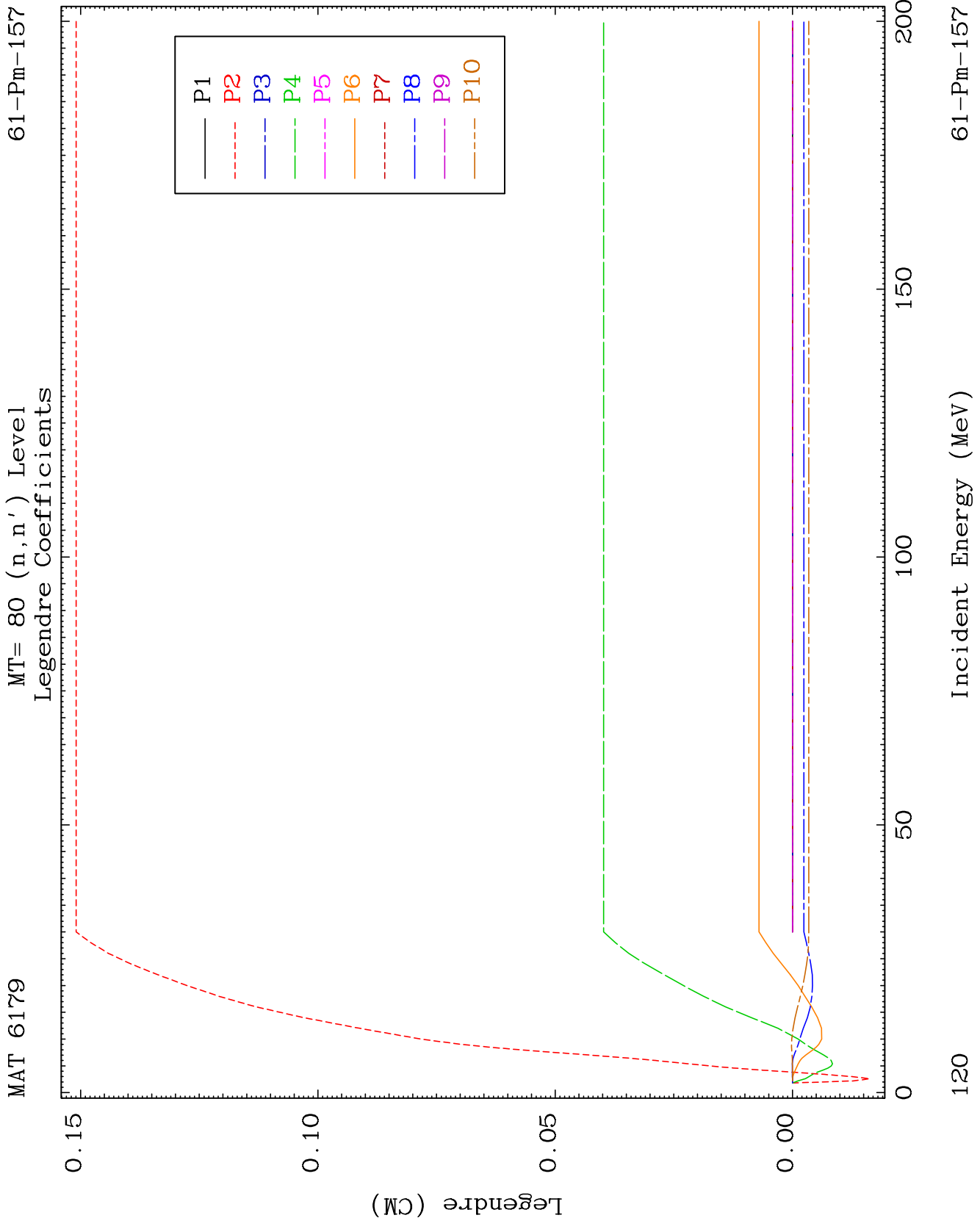
61-Pm-157

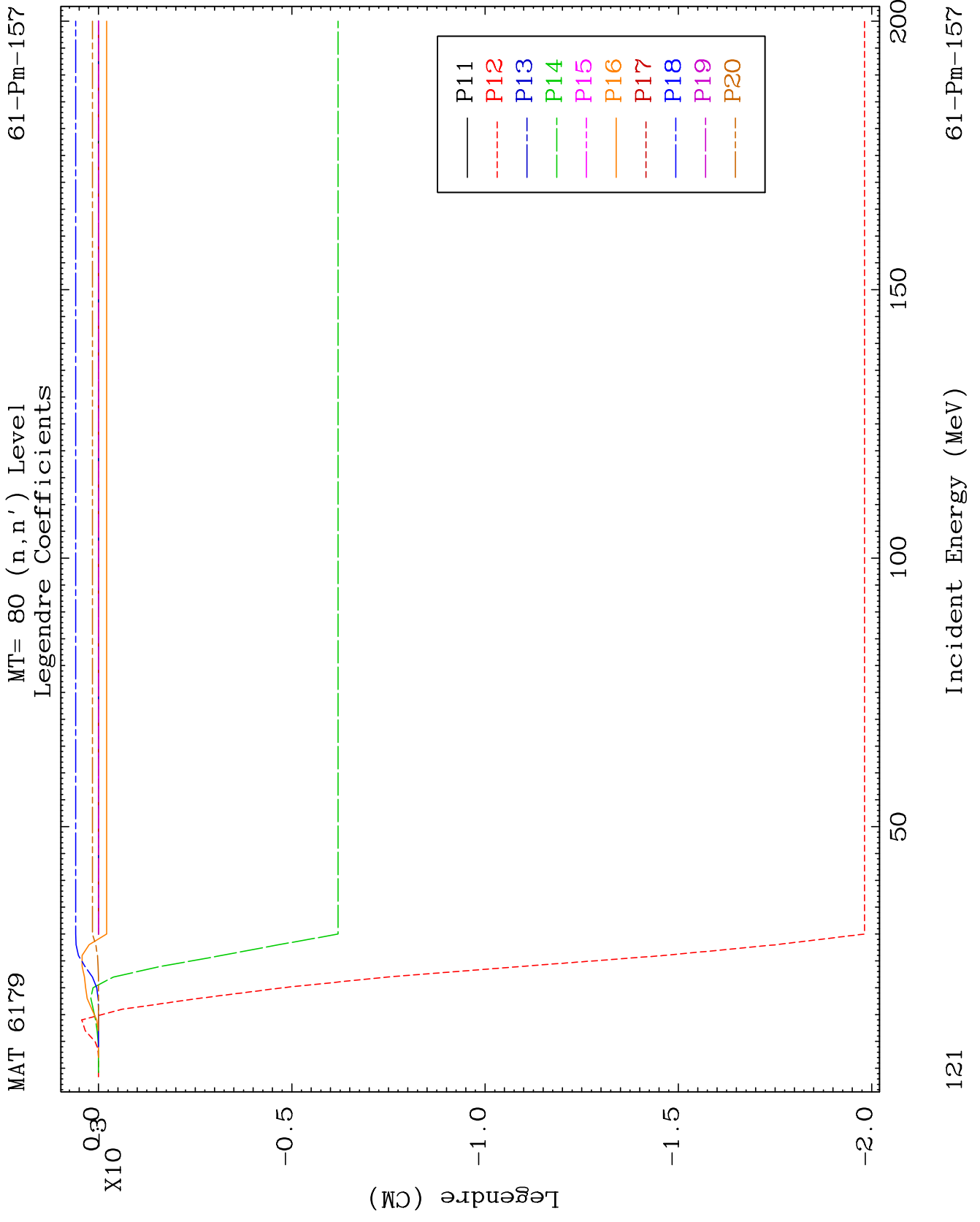


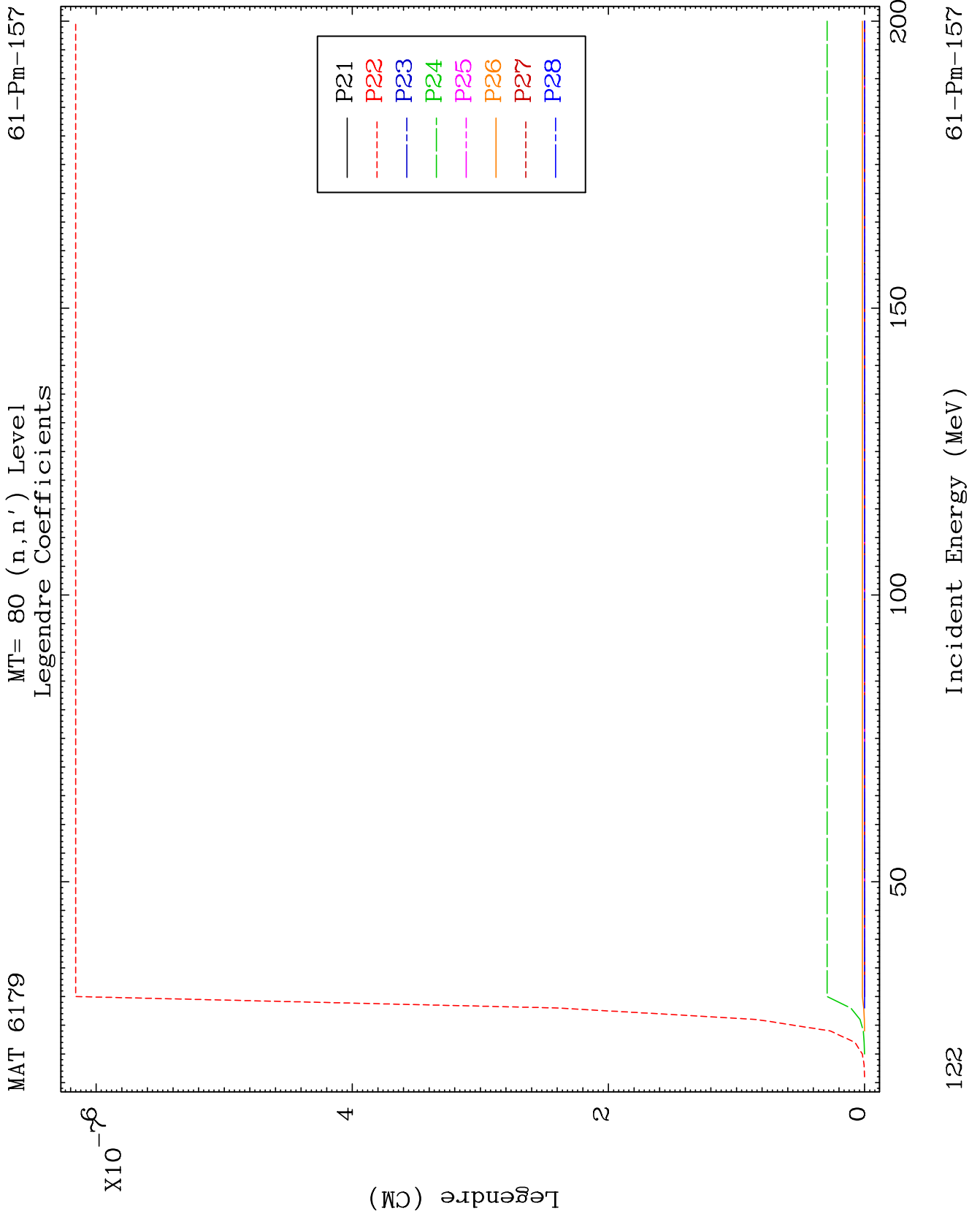
119

Incident Energy (MeV)

61-Pm-157



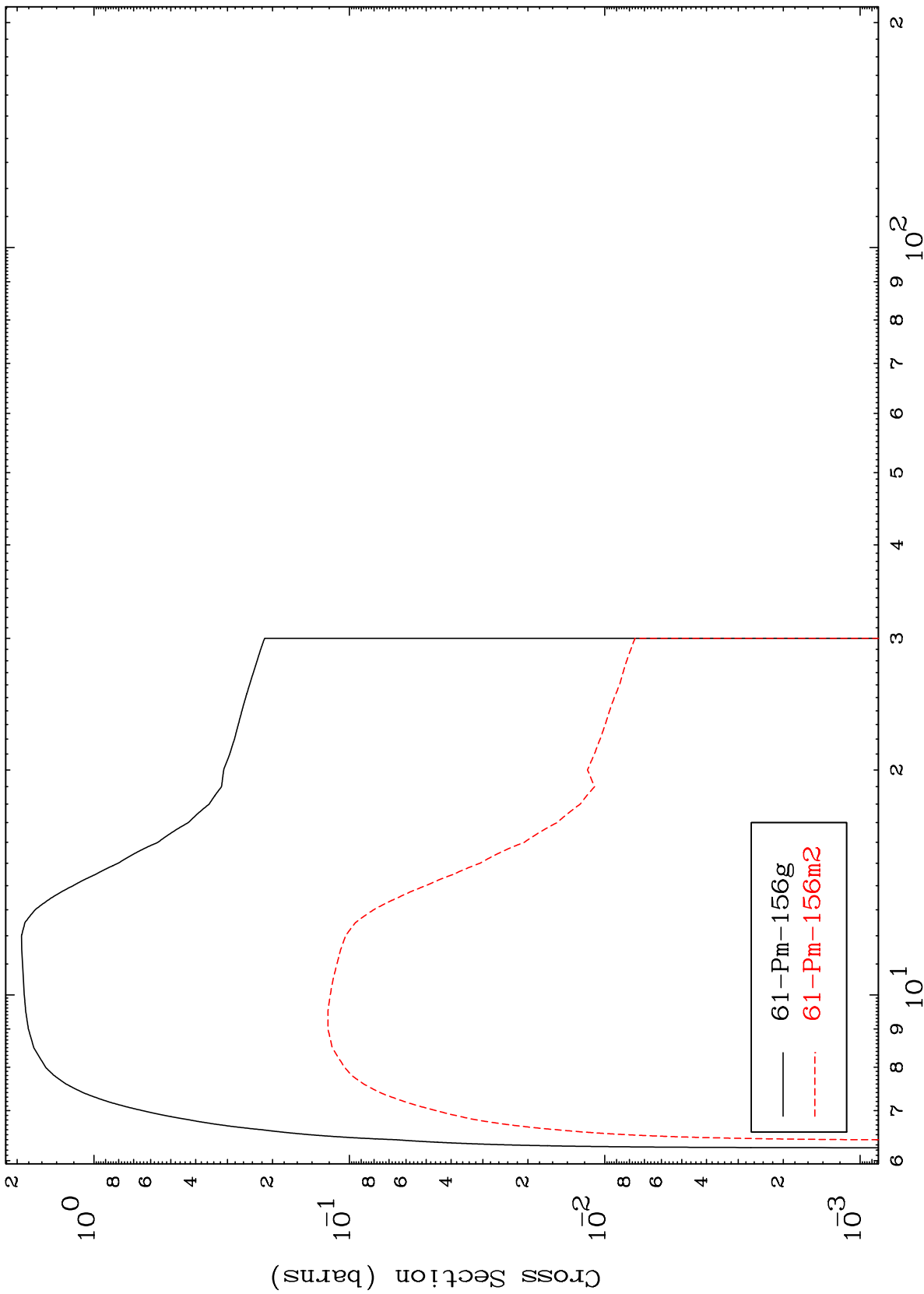




MAT 6179

61-Pm-157

(n,2n)
Radionuclide Production Cross Section



61-Pm-157

Incident Energy (MeV)

123