

Program EVALPLOT
(Version 2021-1)

by

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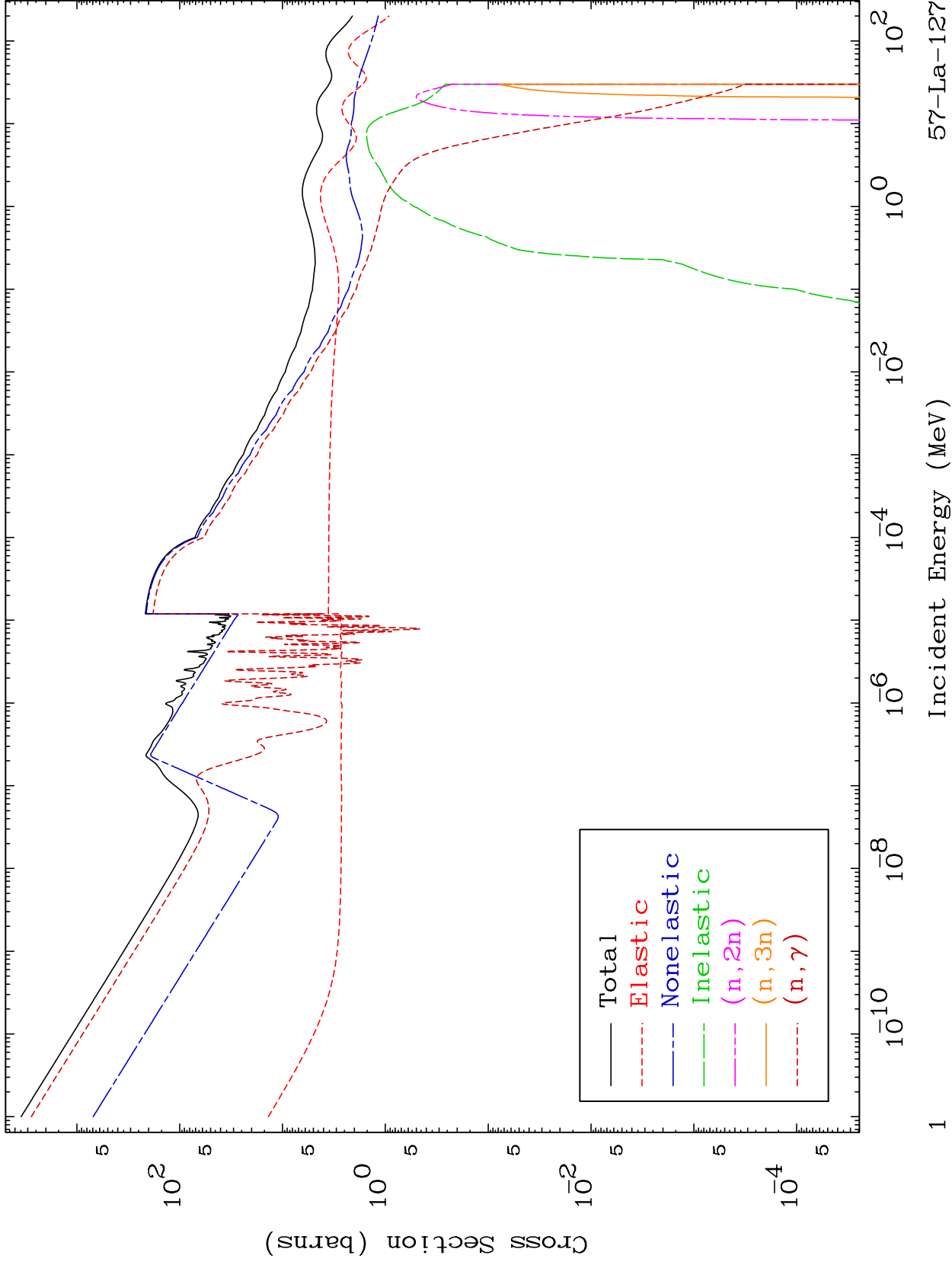
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Press Mouse Button to Start

MAT 5692

Neutron Major
293 Kelvin Cross Sections

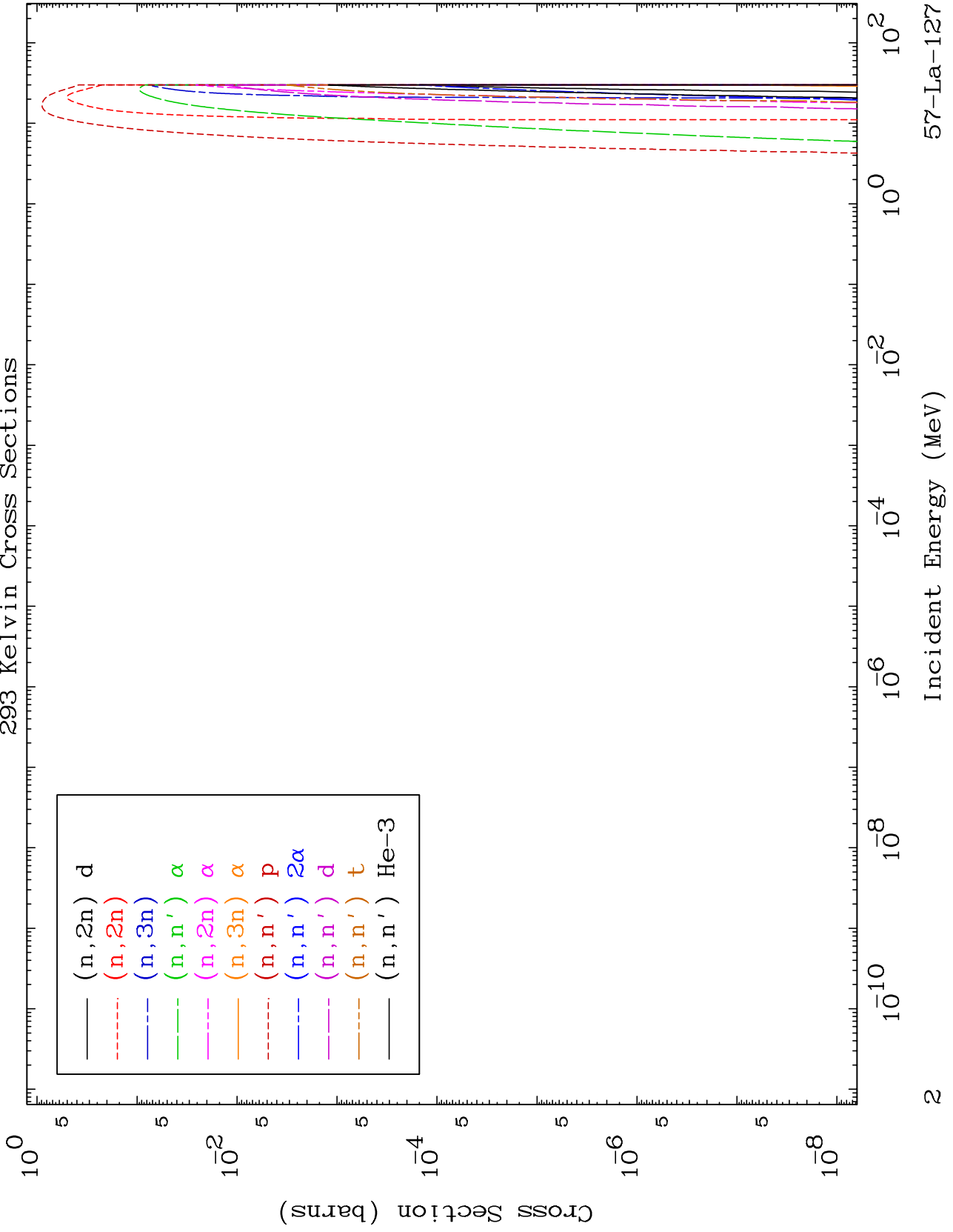
57-La-127

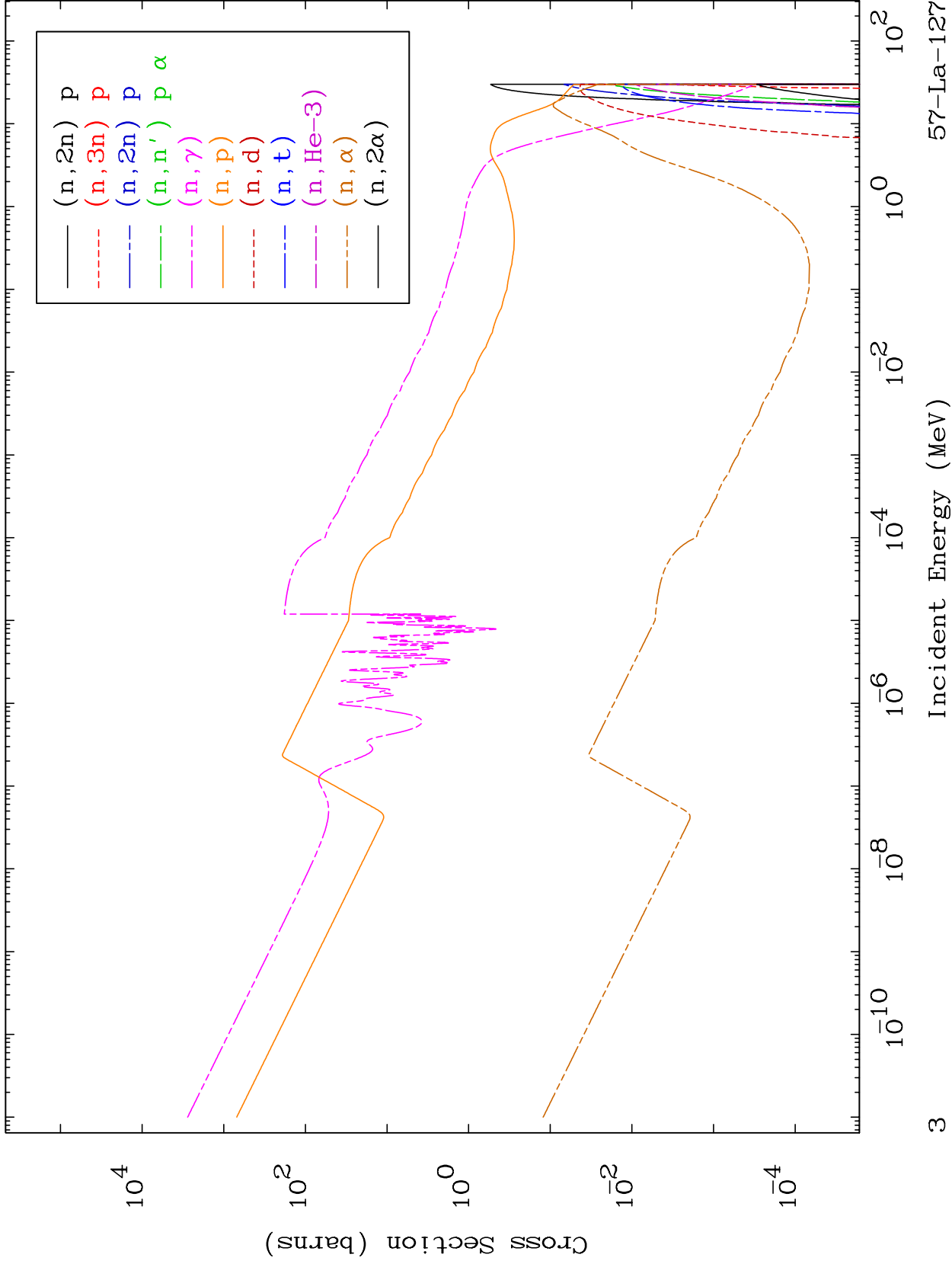


MAT 5692

Neutron Absorption
293 Kelvin Cross Sections

57-La-127

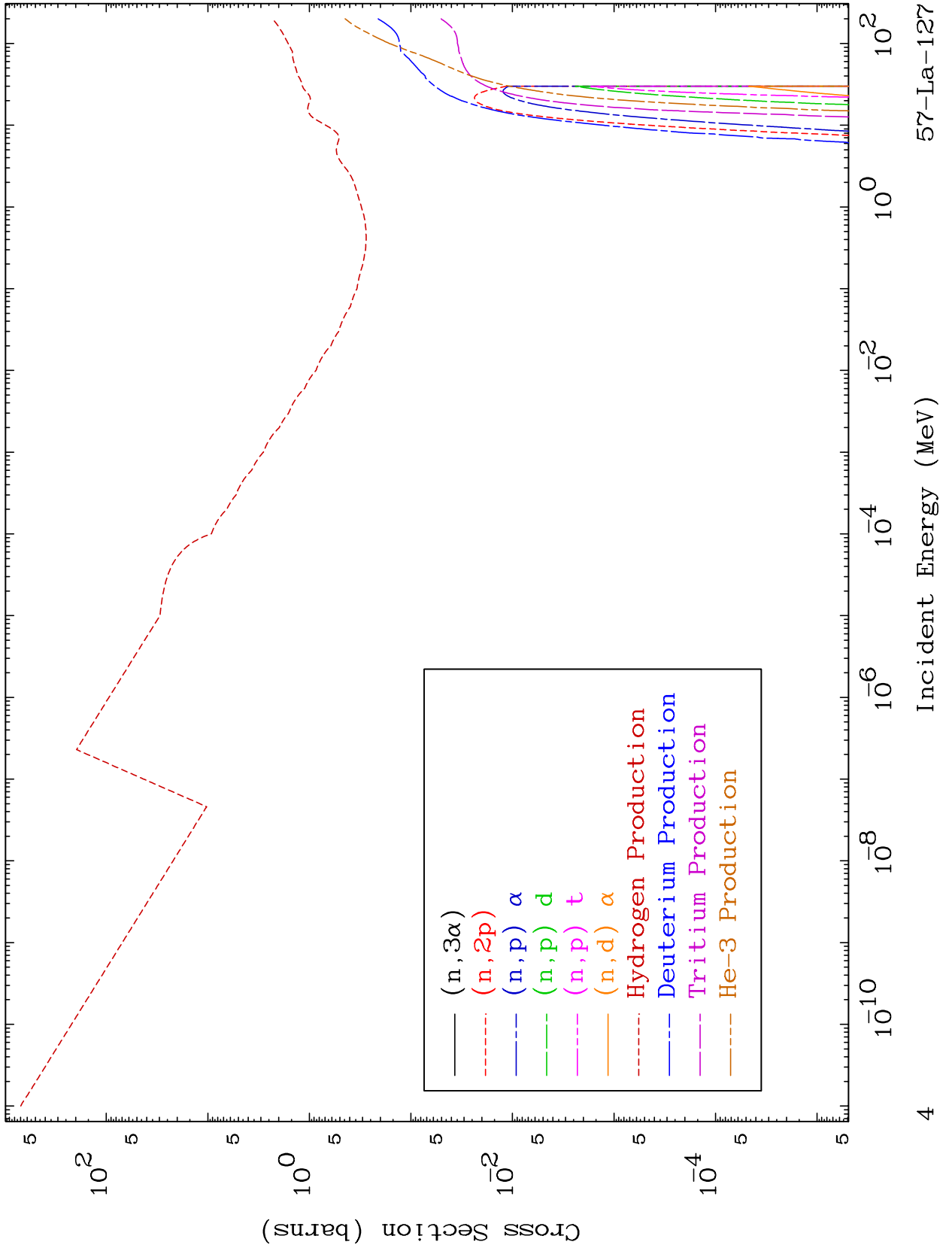




MAT 5692

Neutron Absorption
293 Kelvin Cross Sections

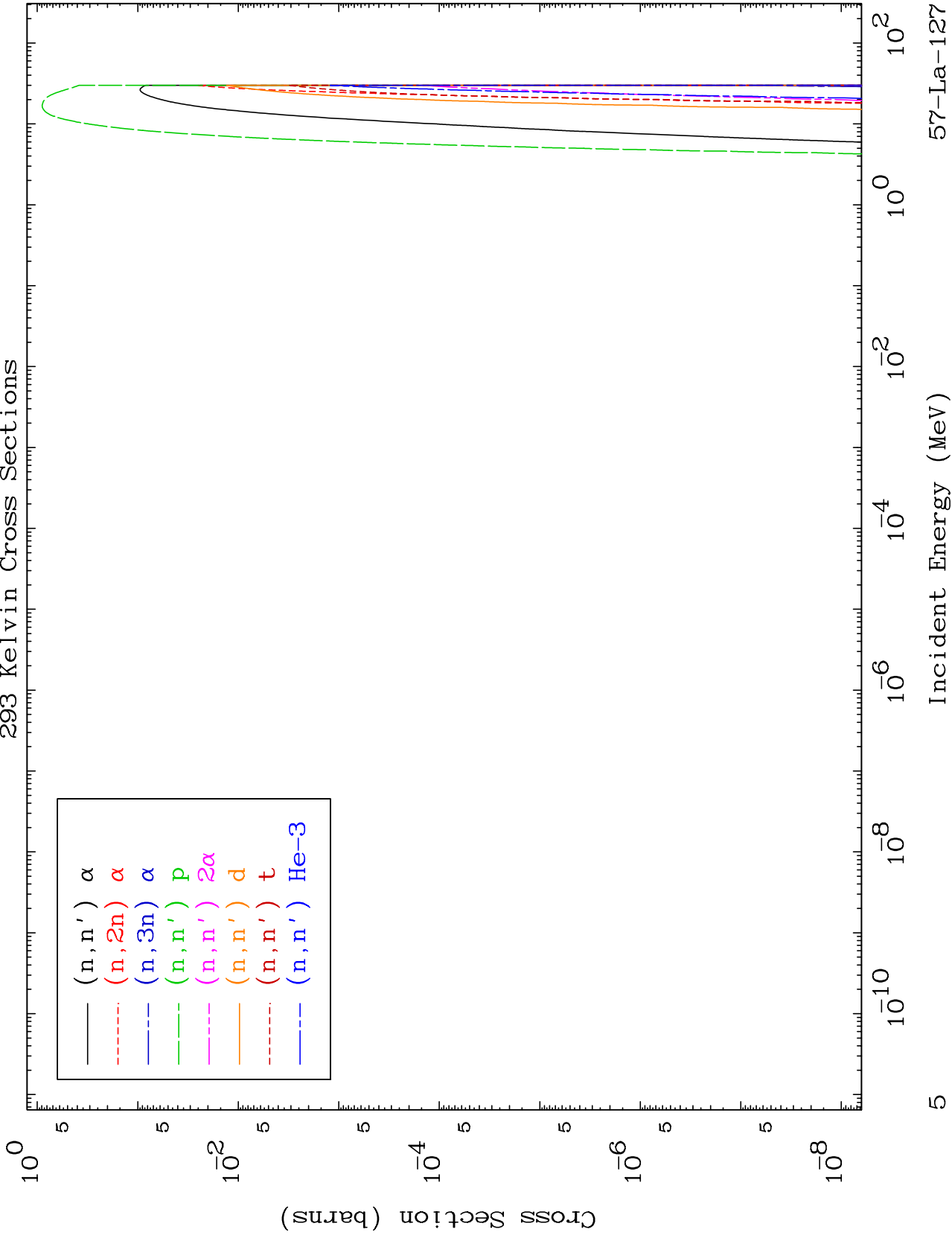
57-La-127



MAT 5692

Charged Particle
293 Kelvin Cross Sections

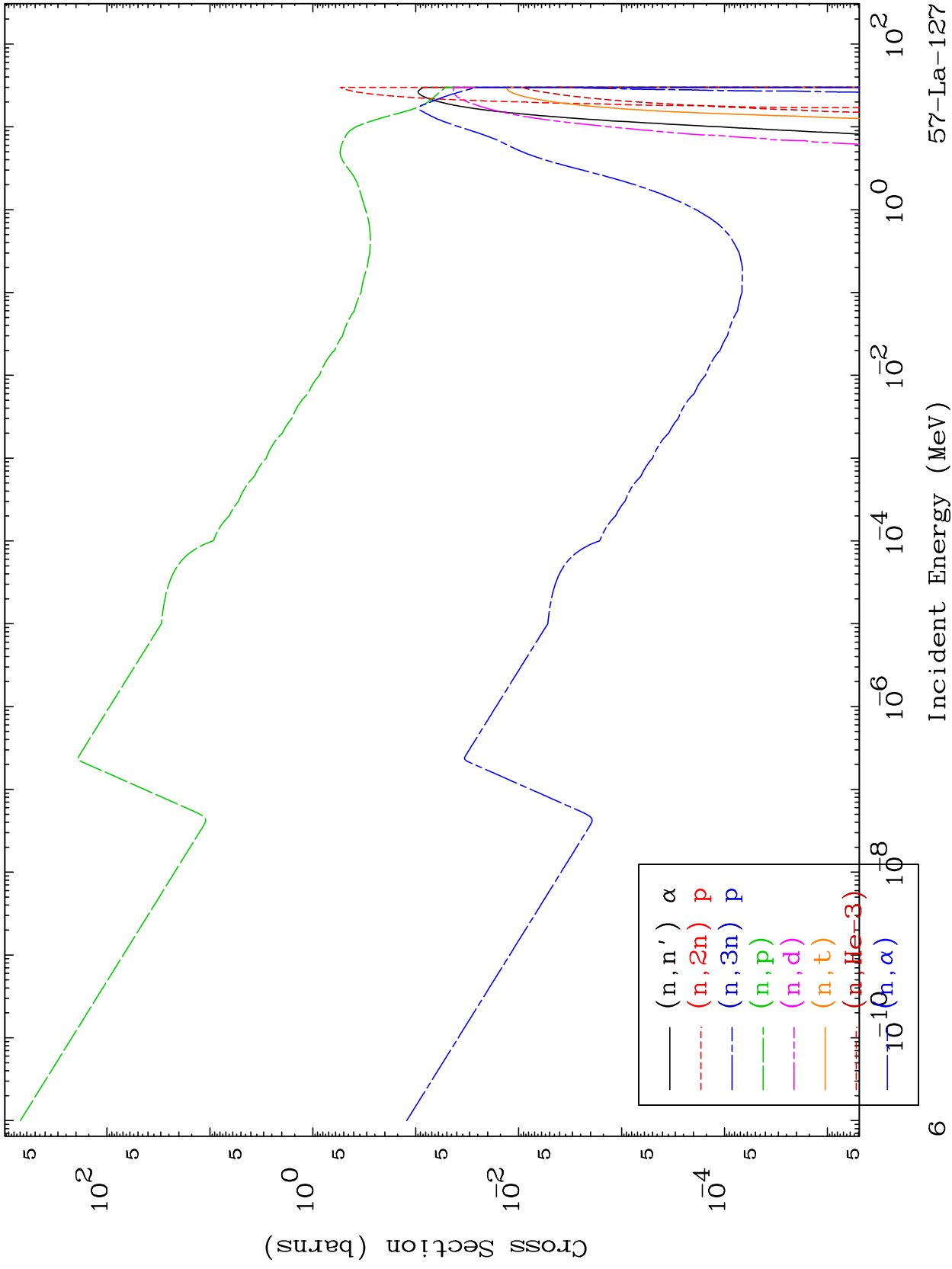
57-La-127



MAT 5692

Charged Particle
293 Kelvin Cross Sections

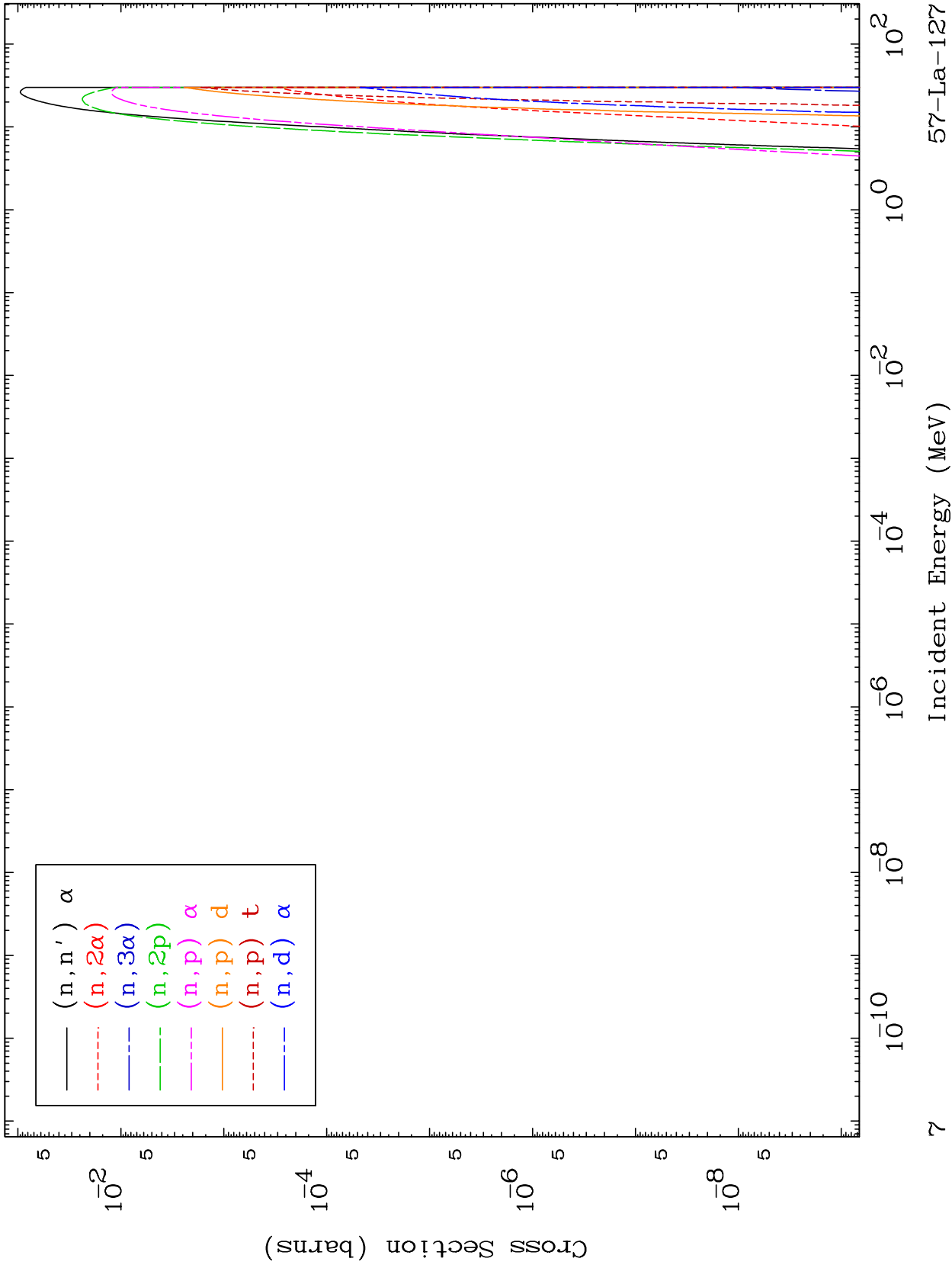
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MAT 5692

Charged Particle
293 Kelvin Cross Sections

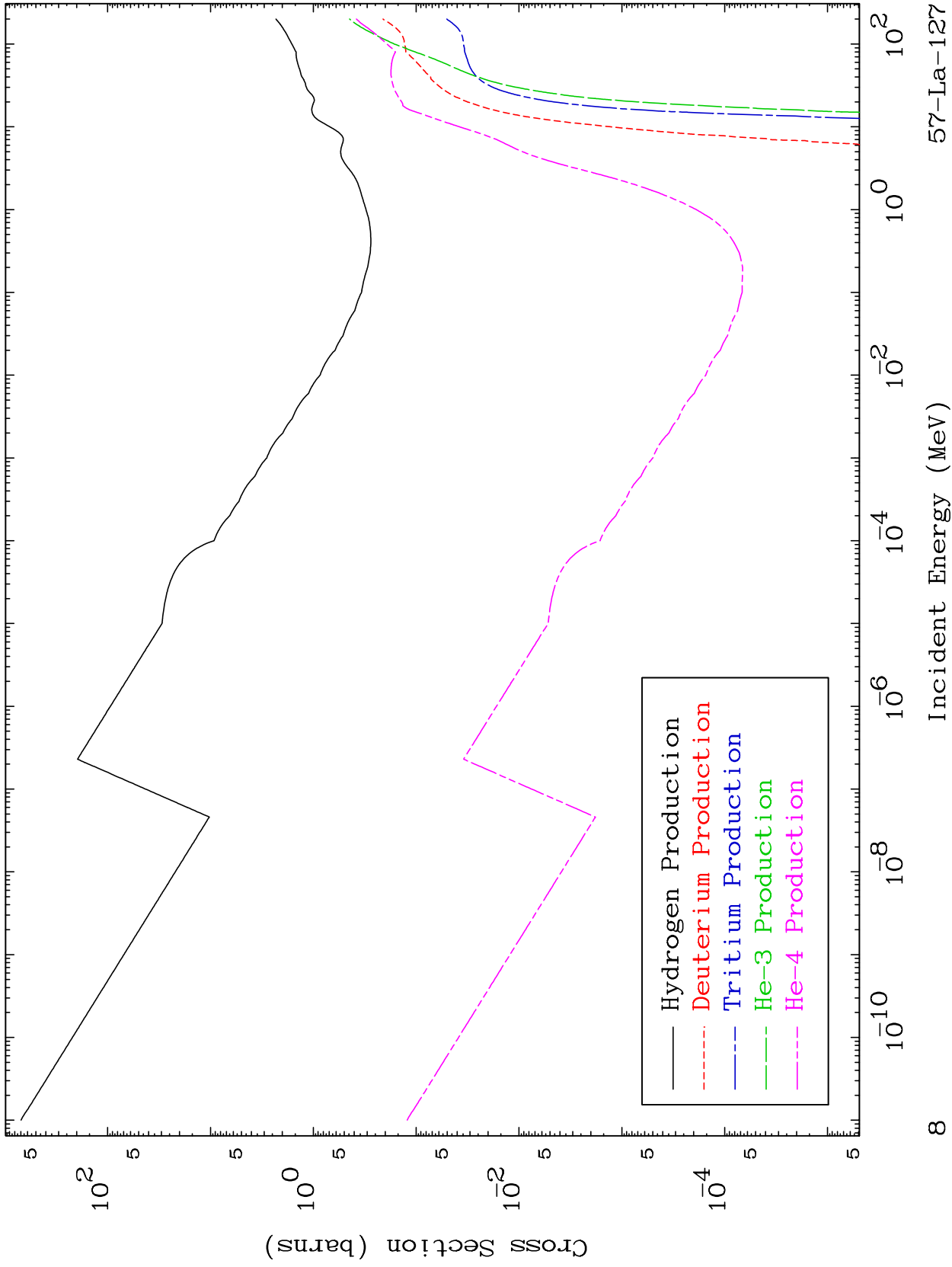
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MAT 5692

Particle Production
293 Kelvin Cross Sections

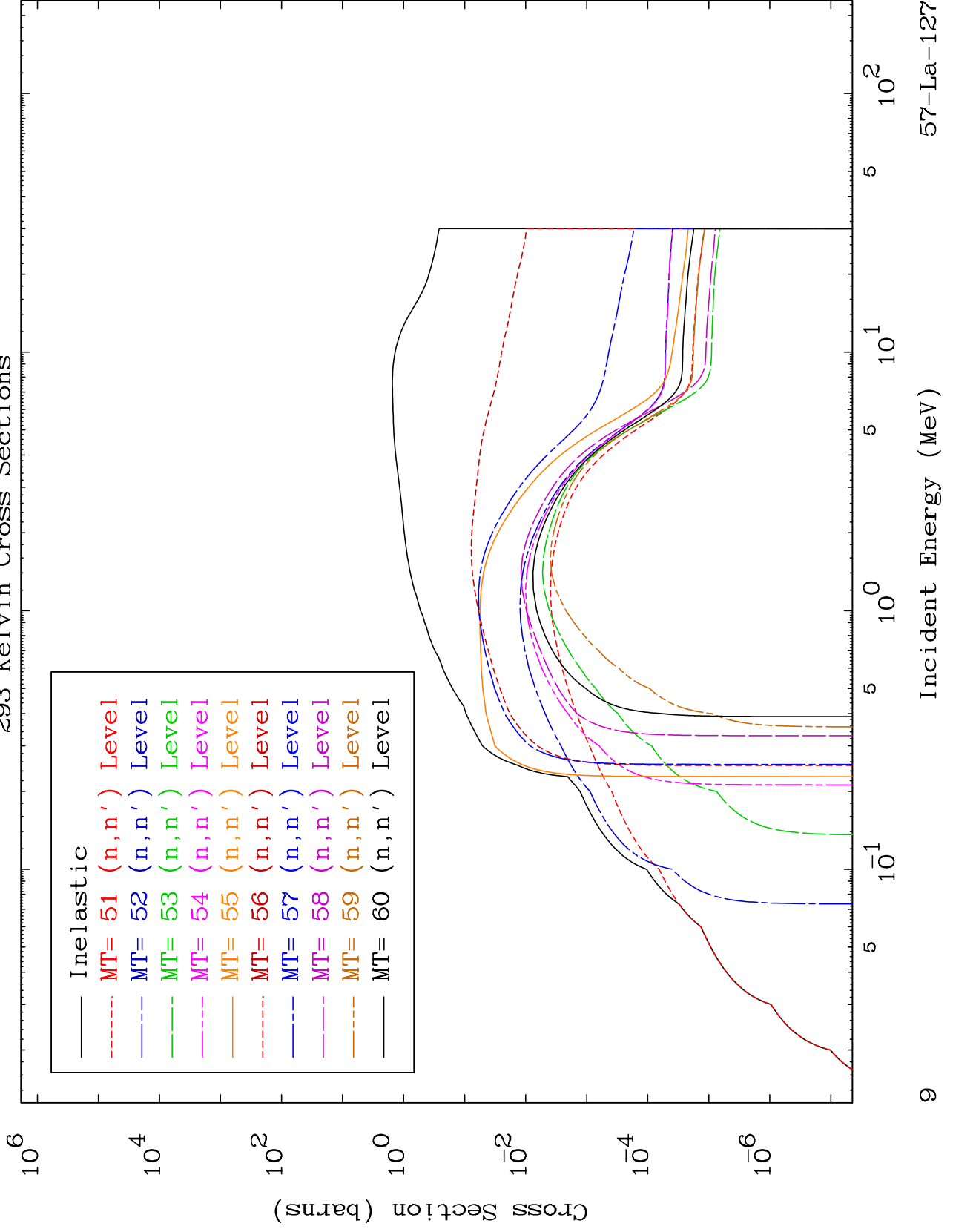
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MAT 5692

(n,n') Levels
293 Kelvin Cross Sections

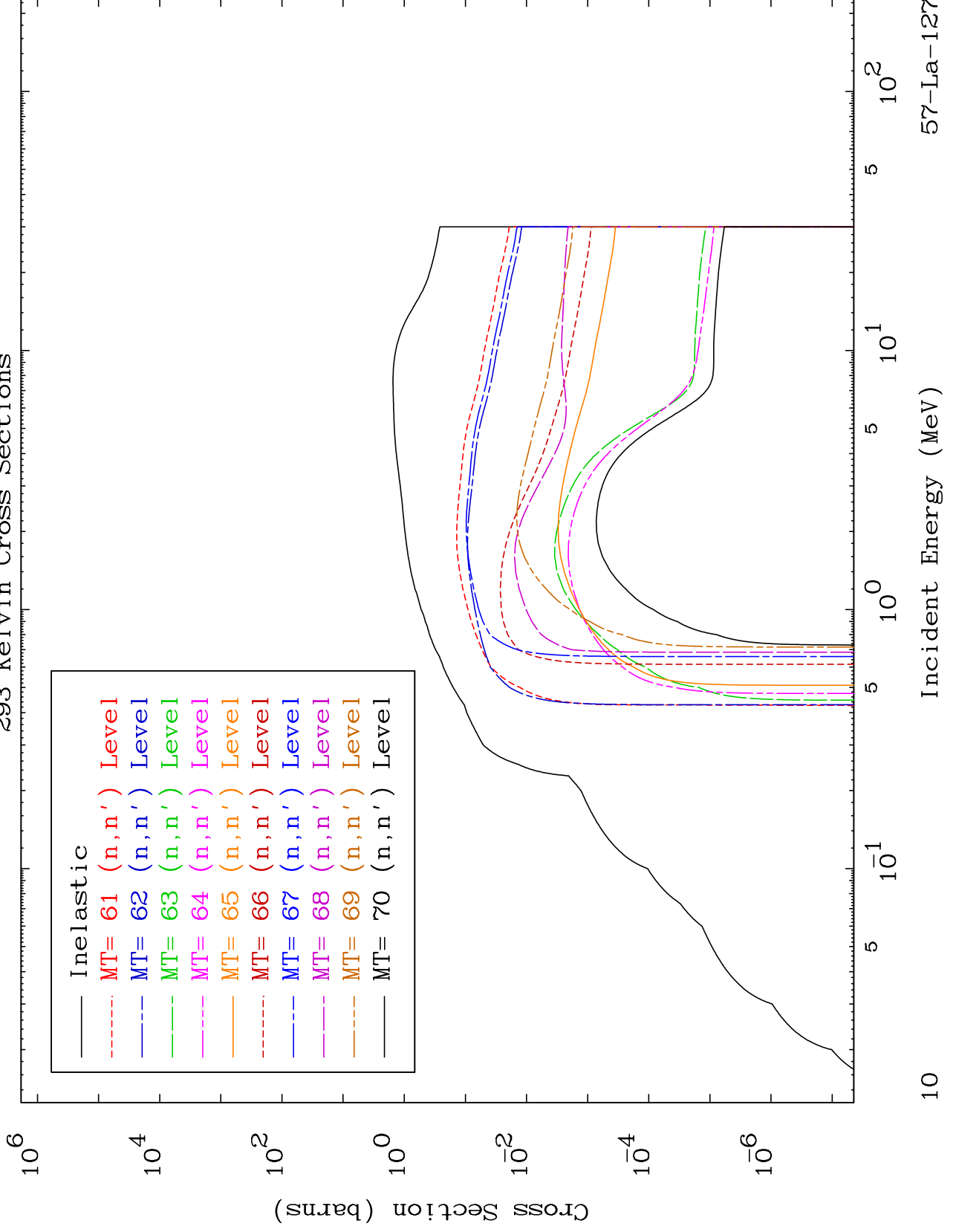
57-La-127



MAT 5692

(n,n') Levels
293 Kelvin Cross Sections

57-La-127



57-La-127

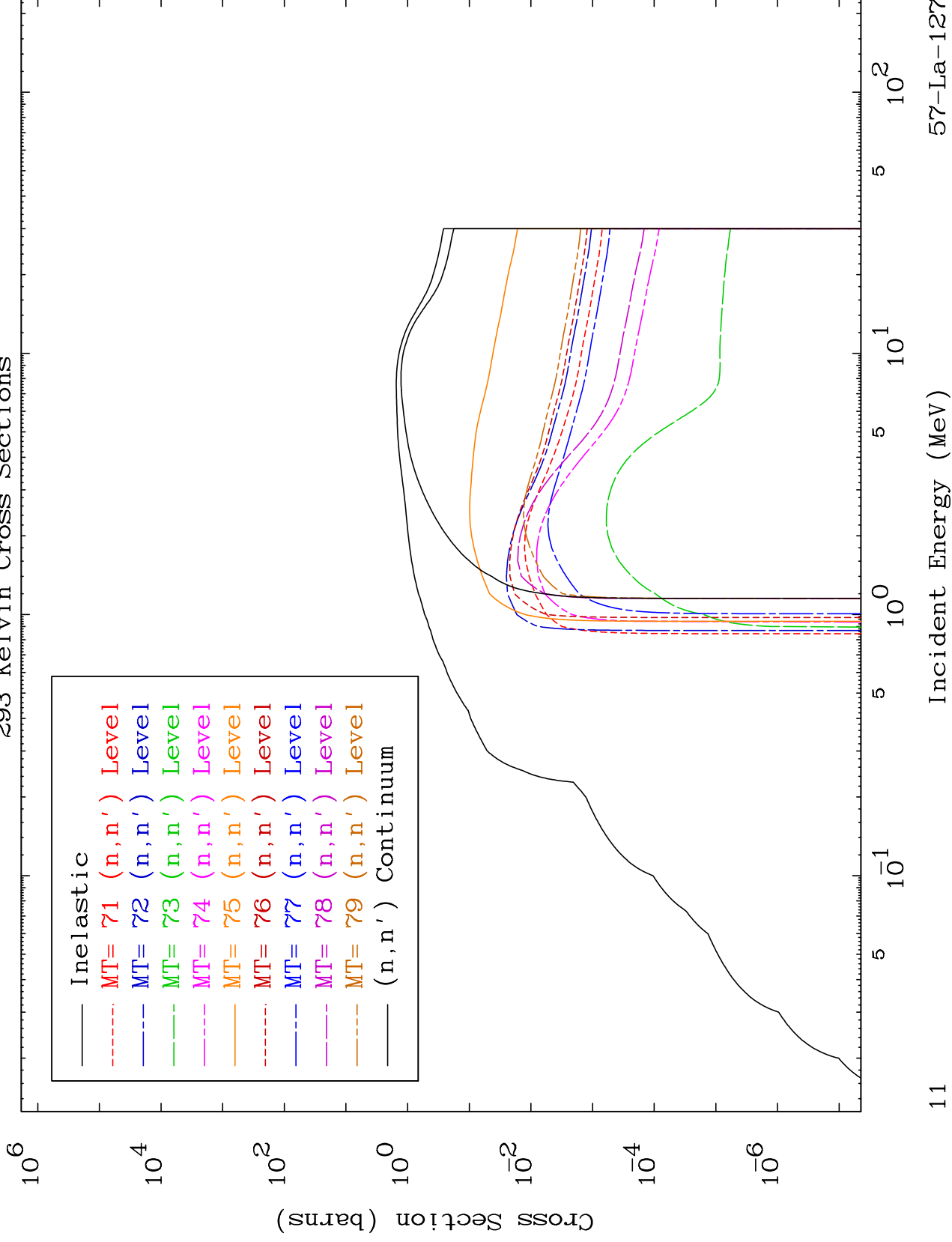
Incident Energy (MeV)

10

MAT 5692

(n,n') Levels
293 Kelvin Cross Sections

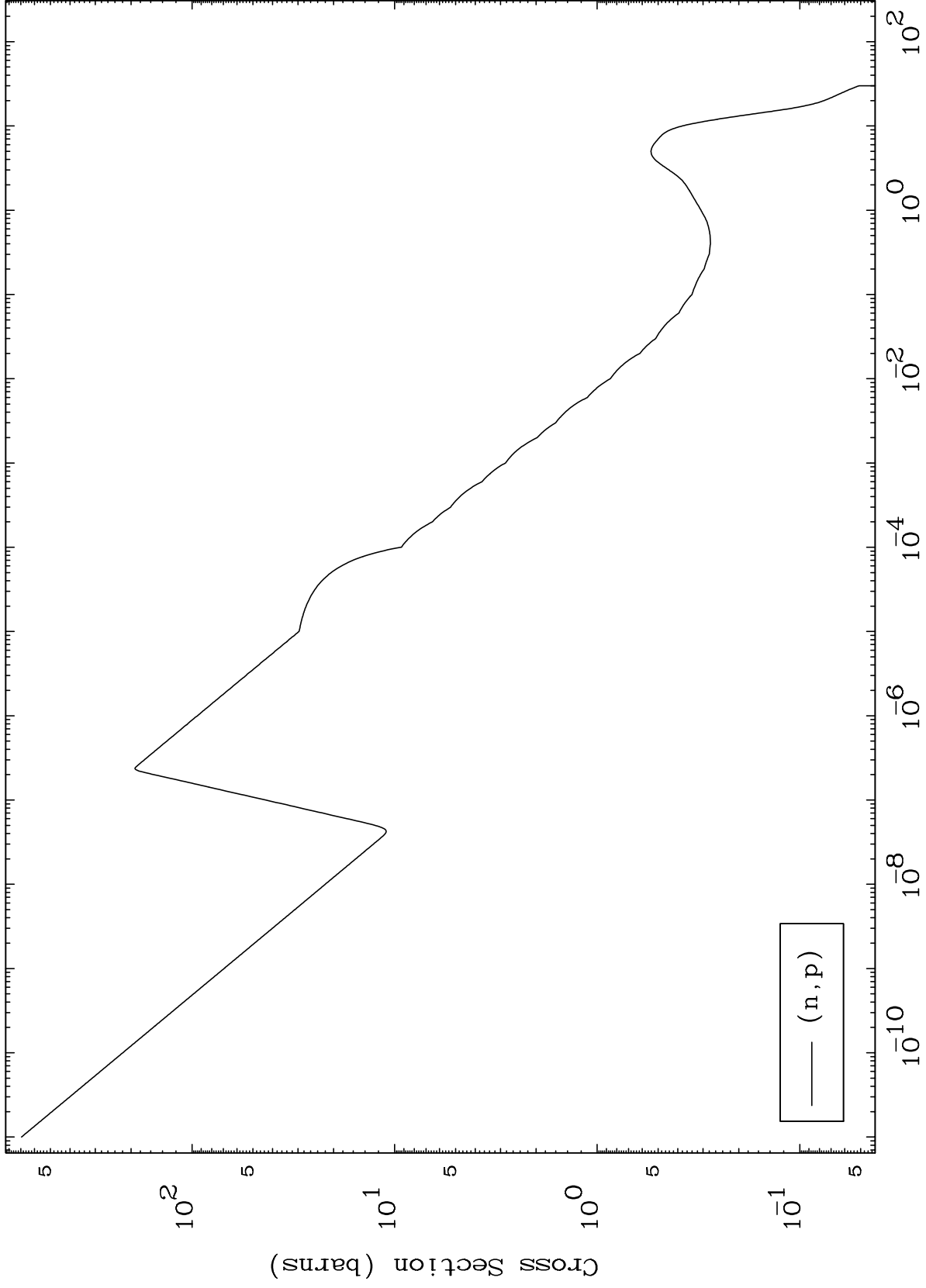
57-La-127



MAT 5692

(n,p) Levels
293 Kelvin Cross Sections

57-La-127



12

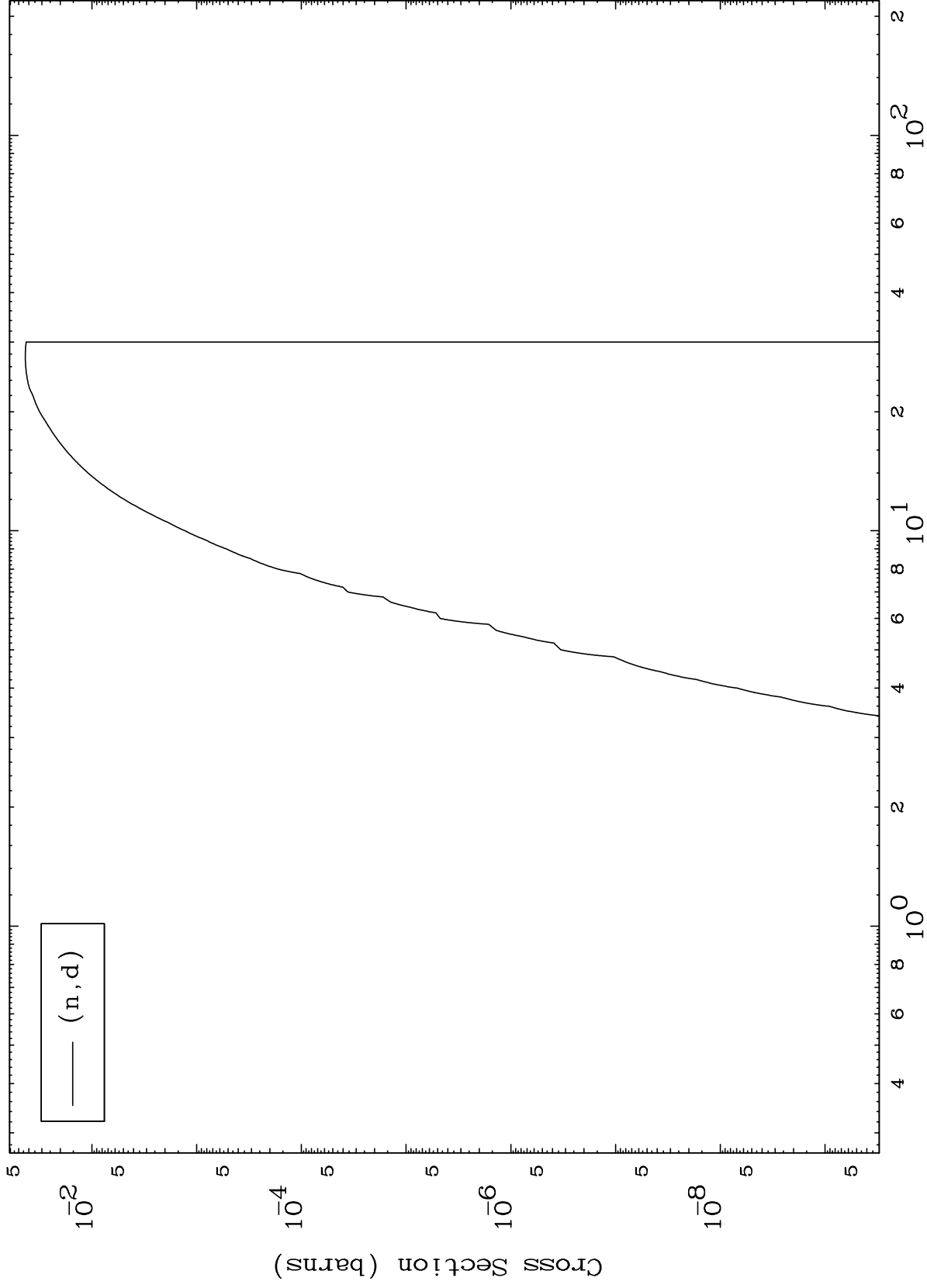
Incident Energy (MeV)

57-La-127

MAT 5692

(n,d) Levels
293 Kelvin Cross Sections

57-La-127



13

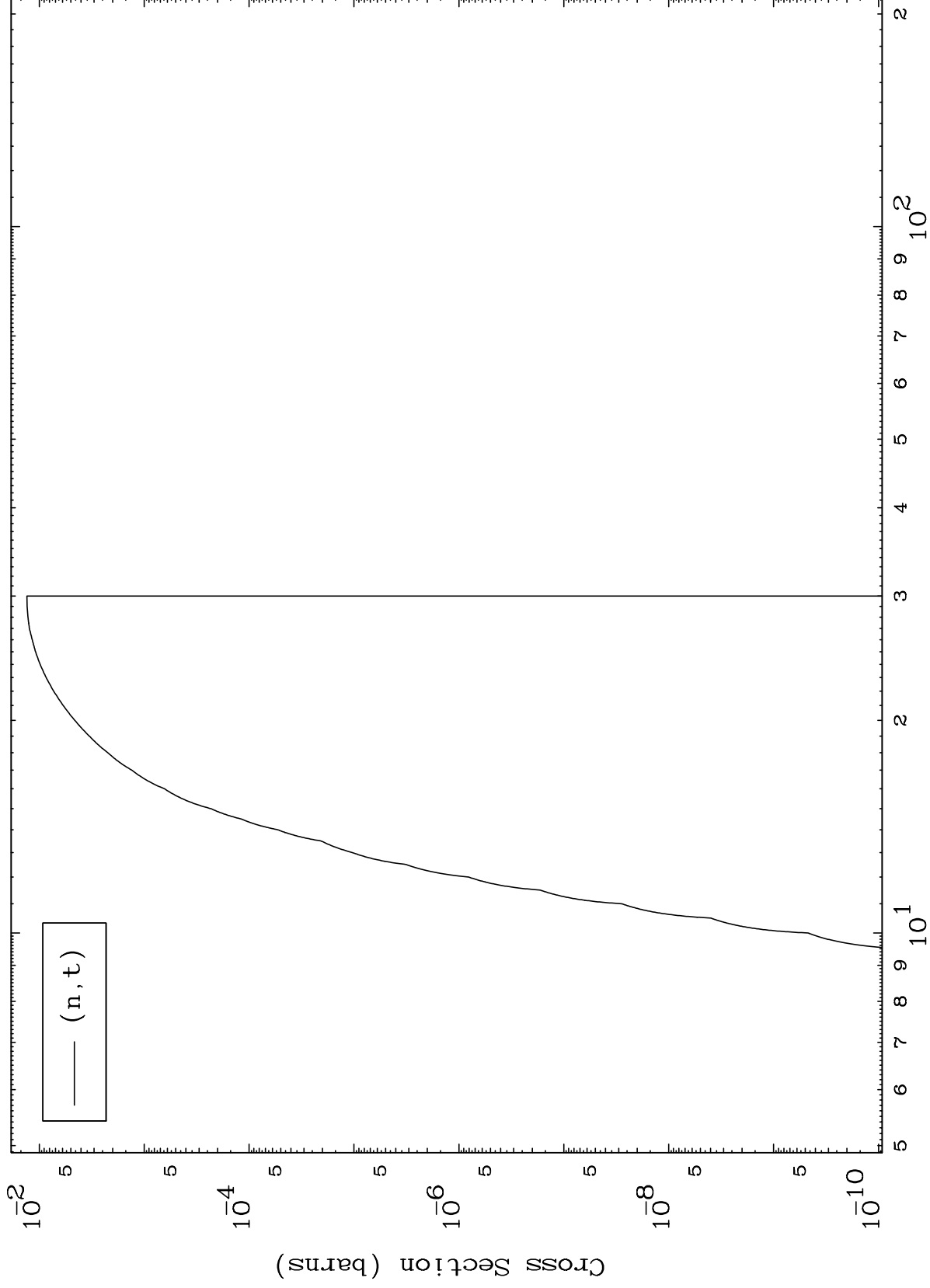
Incident Energy (MeV)

57-La-127

MAT 5692

(n,t) Levels
293 Kelvin Cross Sections

57-La-127



14

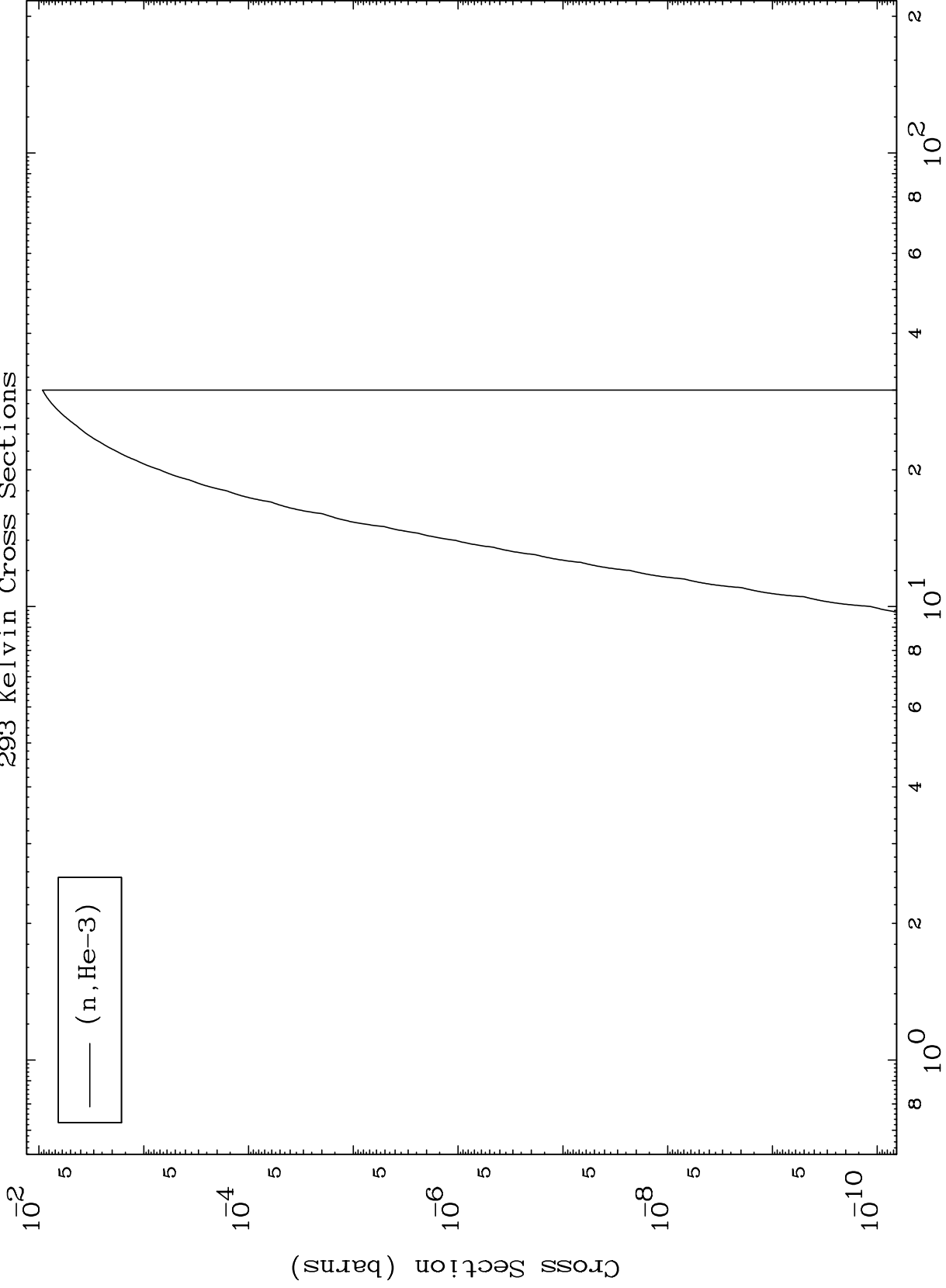
Incident Energy (MeV)

57-La-127

MAT 5692

(n,He3) Levels
293 Kelvin Cross Sections

57-La-127



15

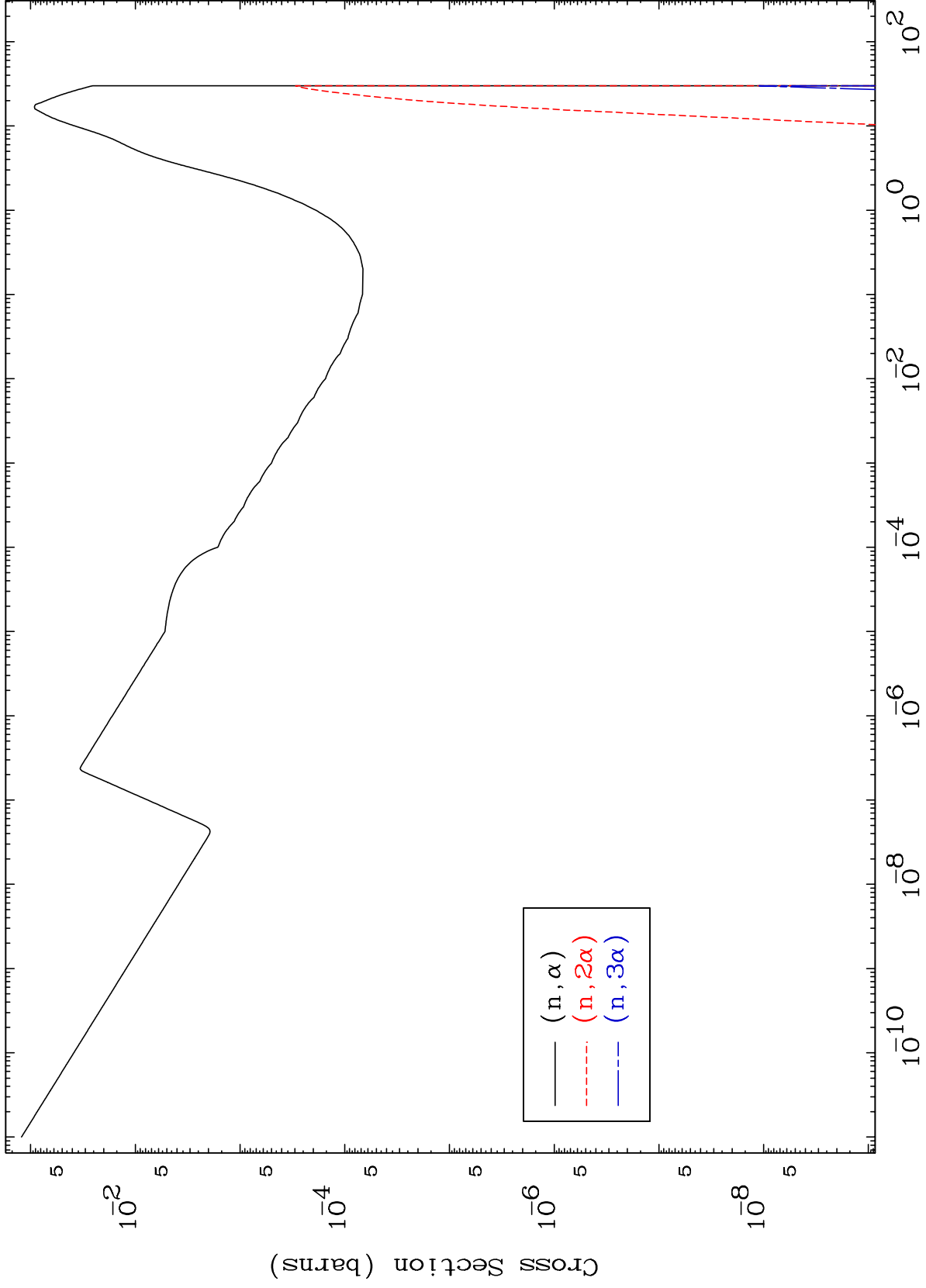
Incident Energy (MeV)

57-La-127

MAT 5692

(n,α) Levels
293 Kelvin Cross Sections

57-La-127



16

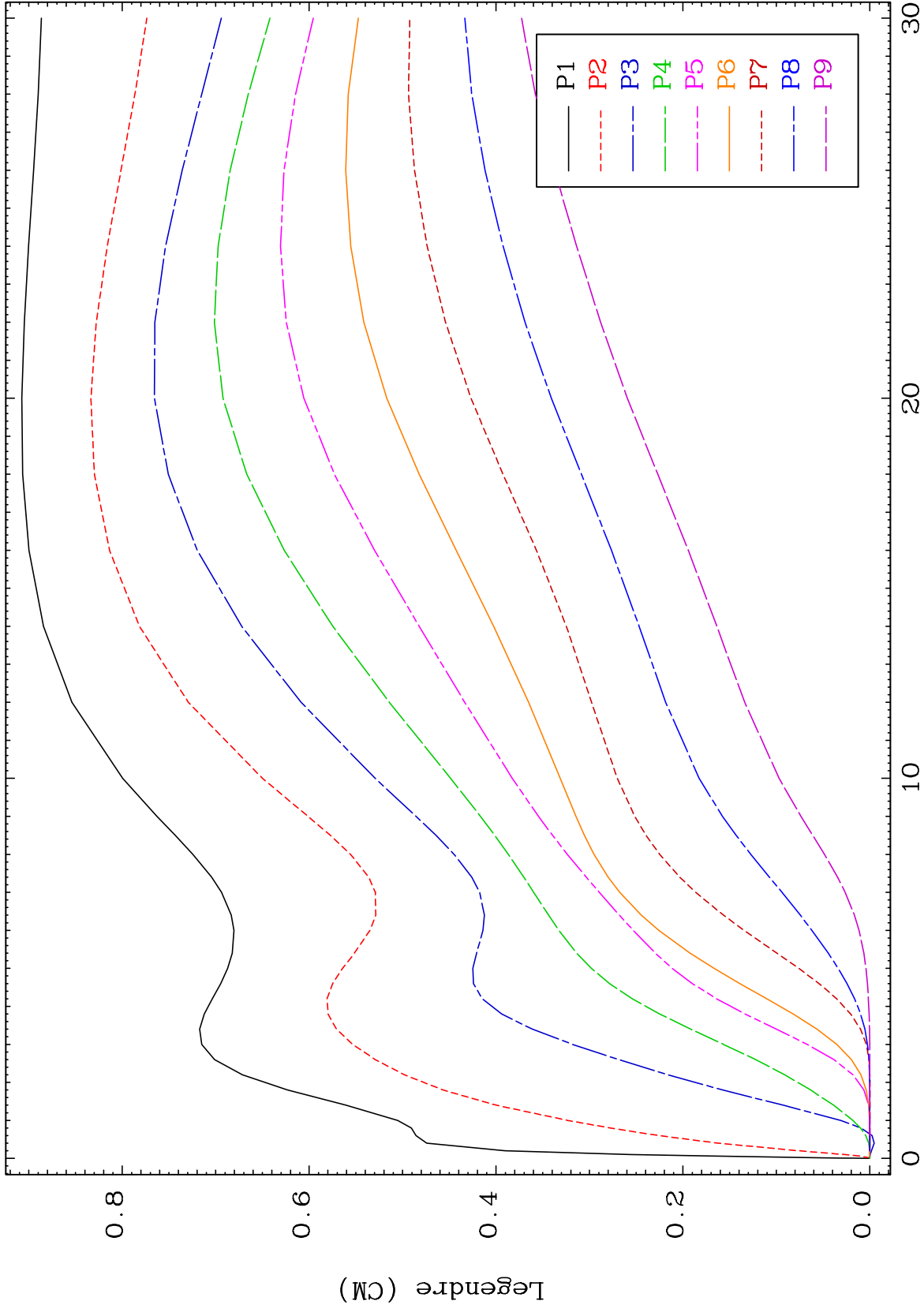
Incident Energy (MeV)

57-La-127

MAT 5692

Elastic Legendre Coefficients

57-La-127



17

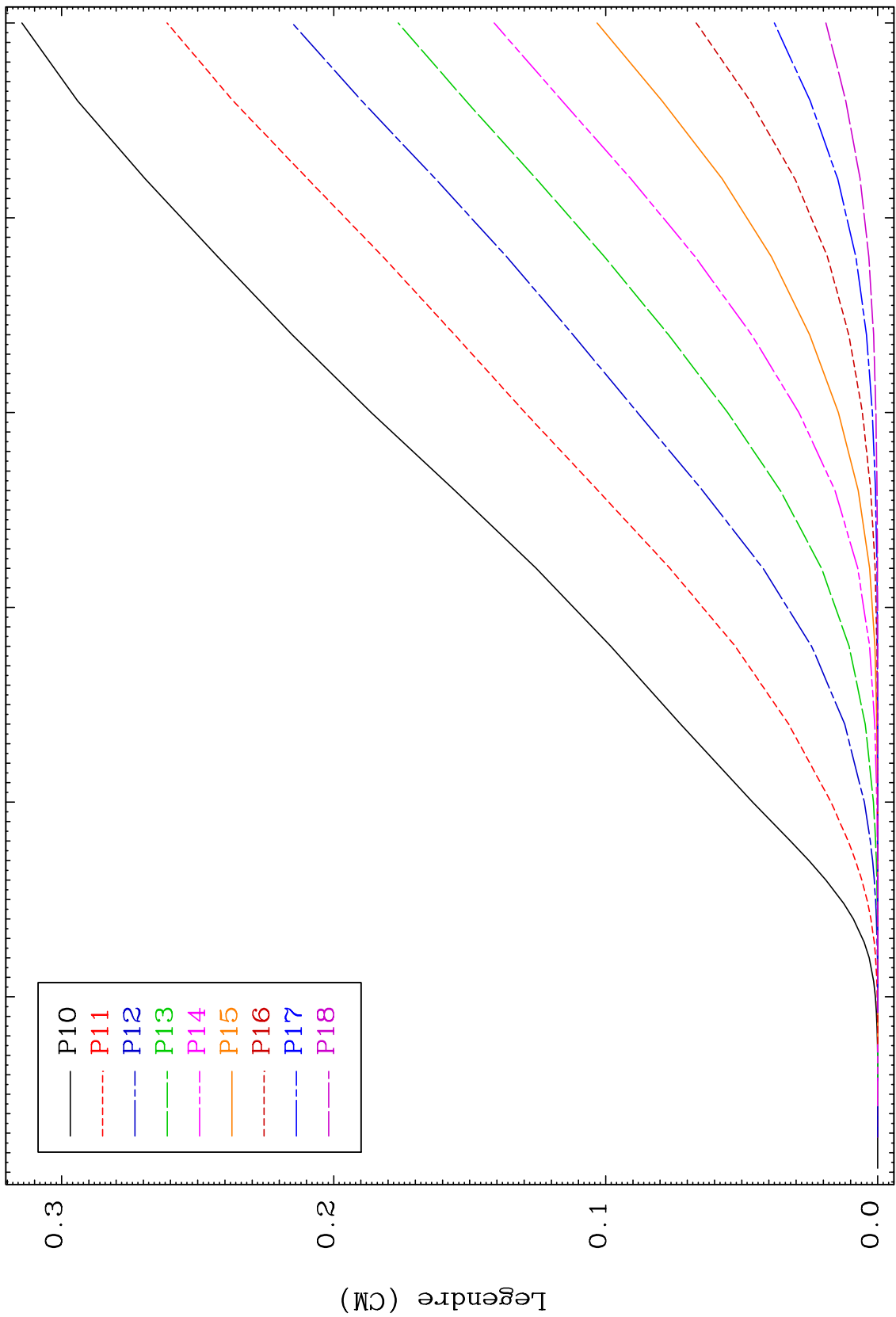
Incident Energy (MeV)

57-La-127

MAT 5692

Elastic Legendre Coefficients

57-La-127



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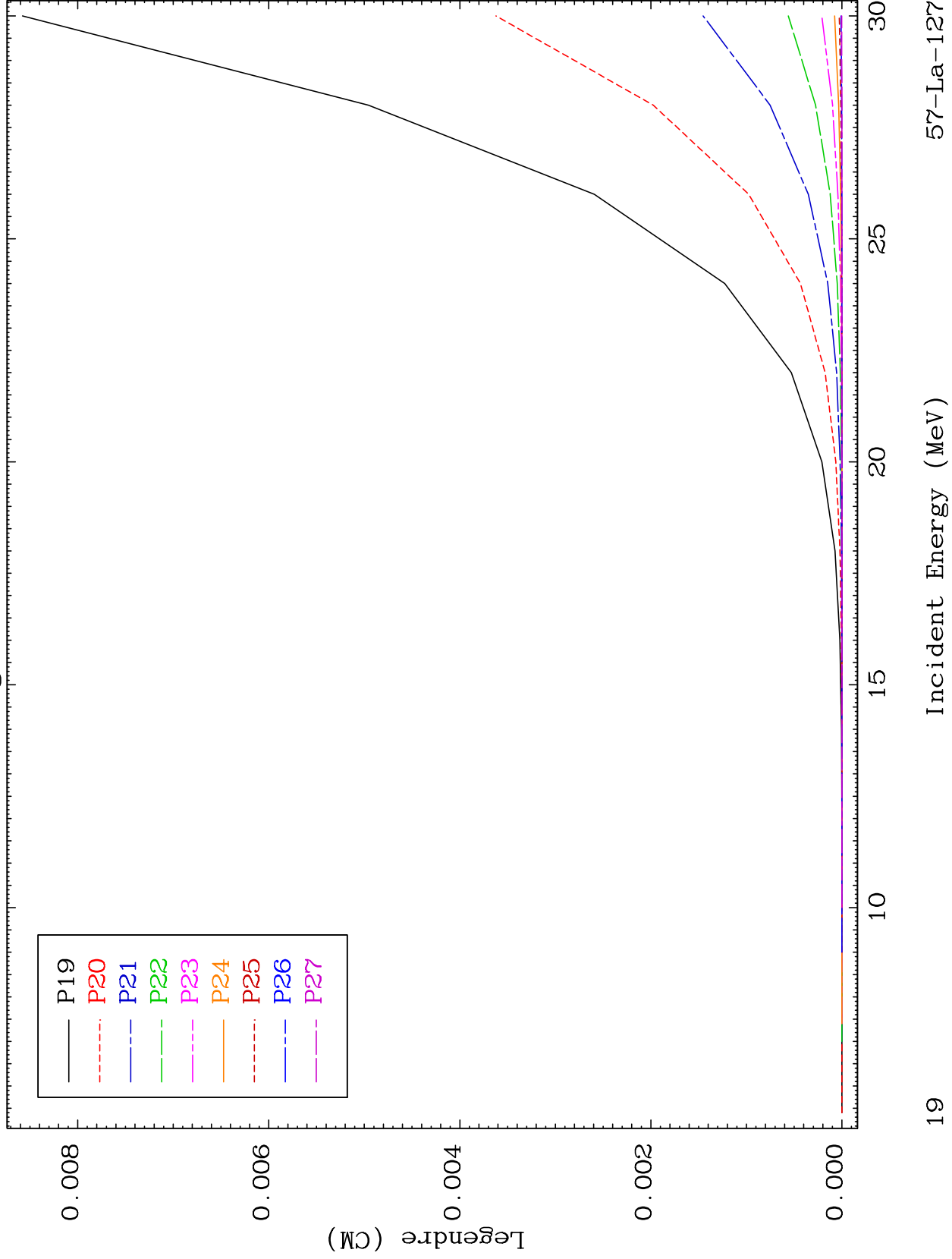
Incident Energy (MeV)

57-La-127

MAT 5692

Elastic Legendre Coefficients

57-La-127



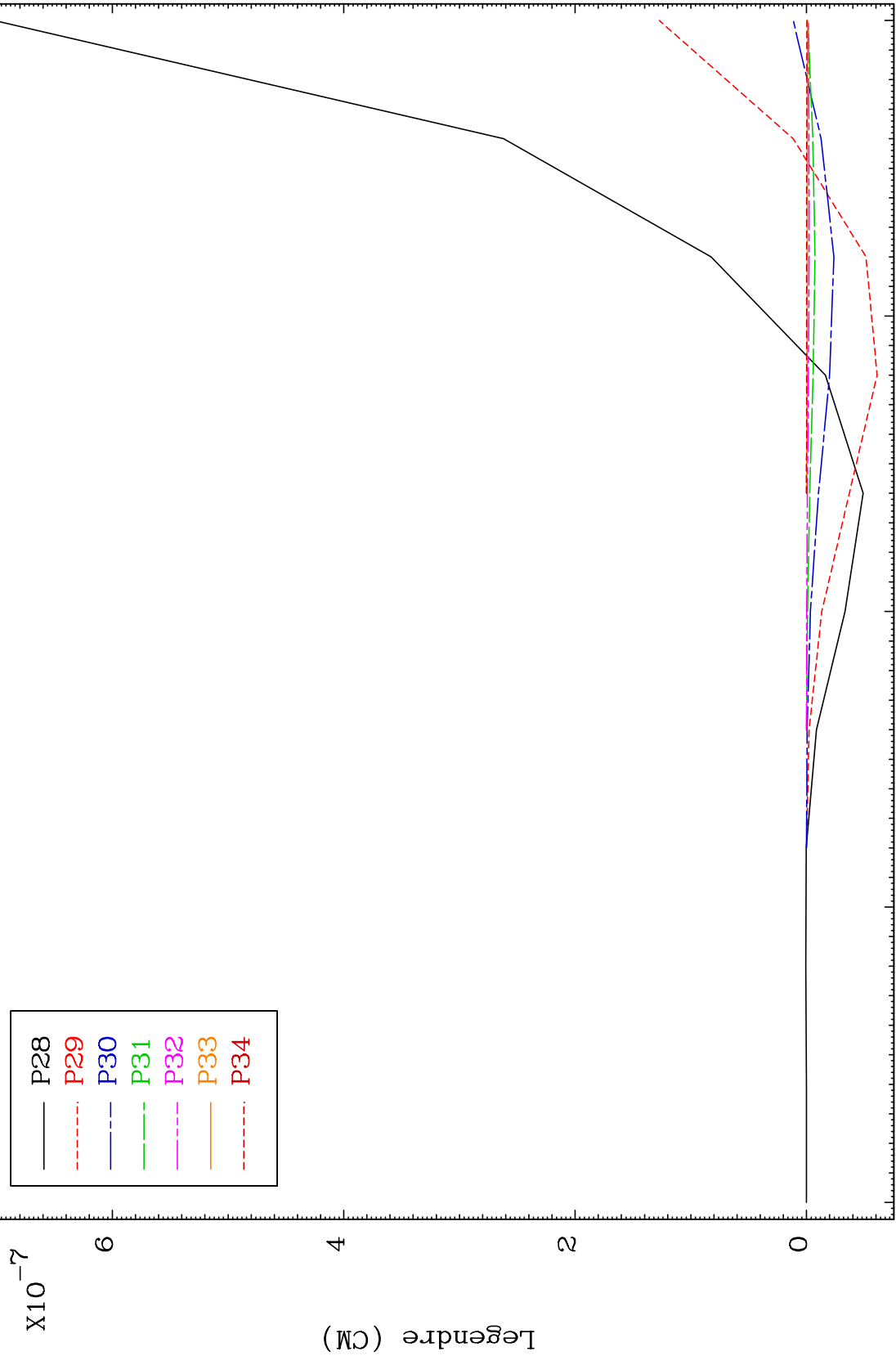
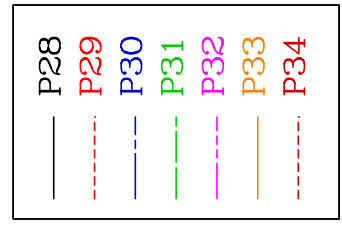
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57-La-127

MAT 5692

Elastic Legendre Coefficients

57-La-127



57-La-127

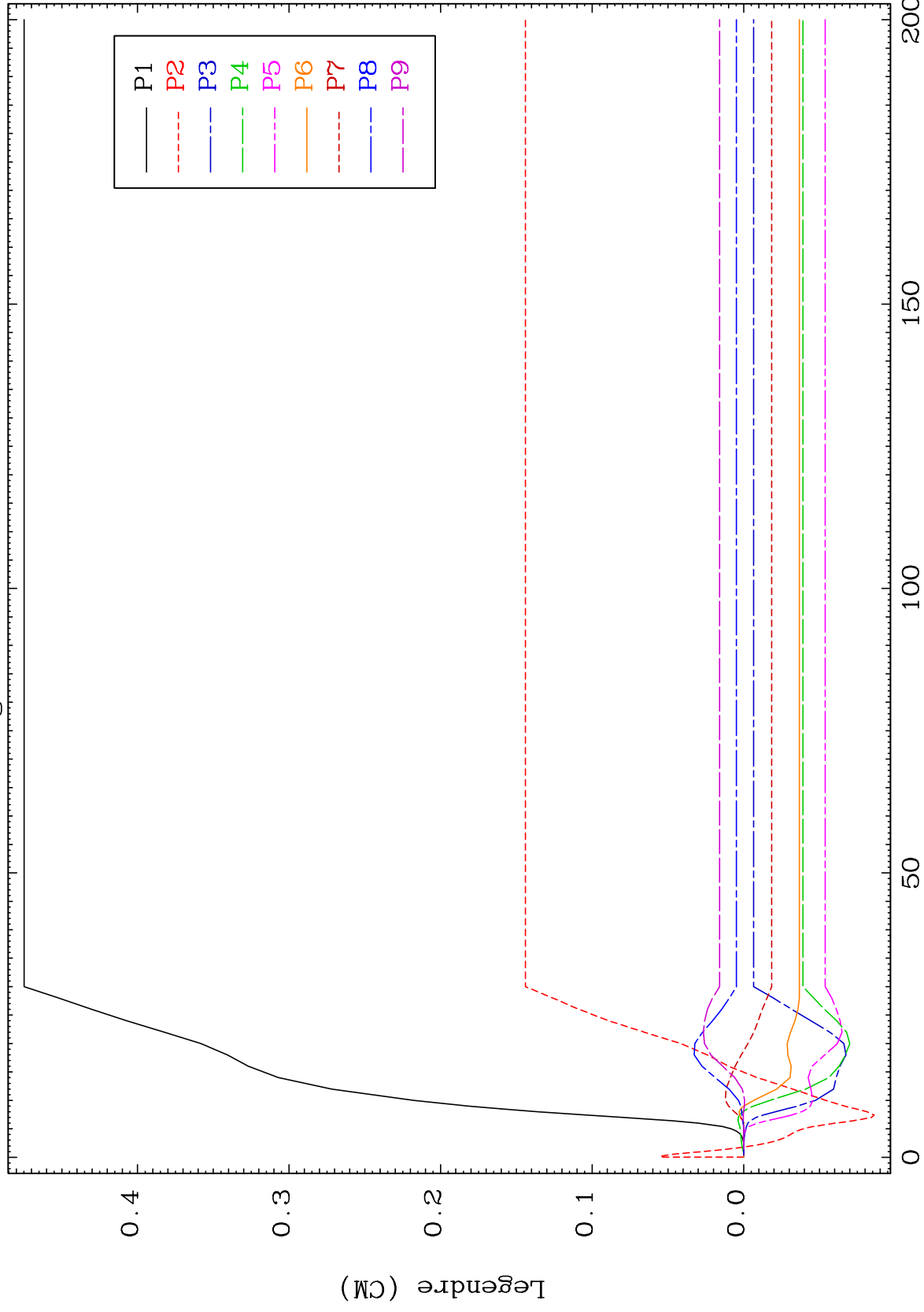
Incident Energy (MeV)

20

MAT 5692

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

57-La-127



57-La-127

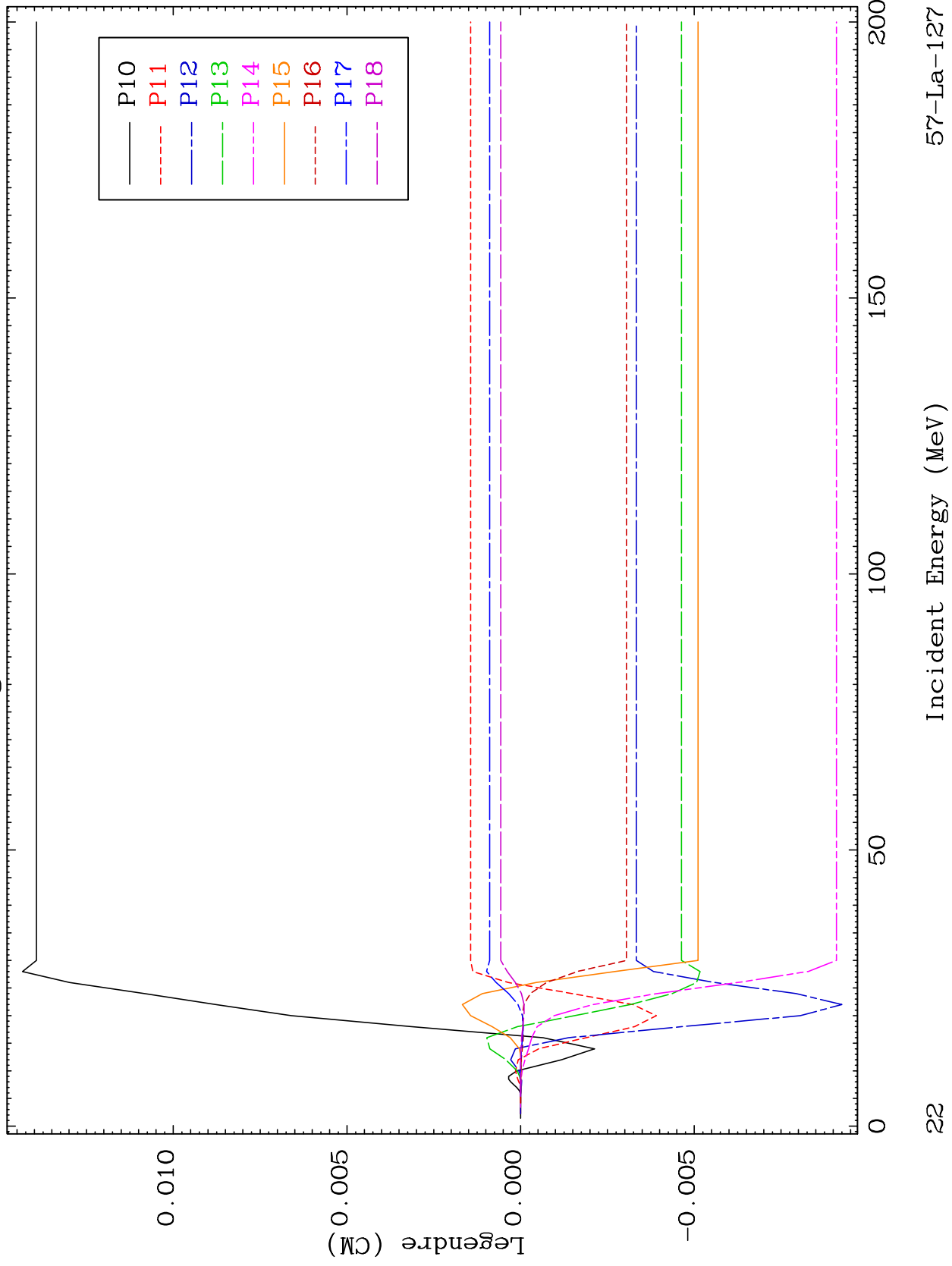
Incident Energy (MeV)

21

MAT 5692

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

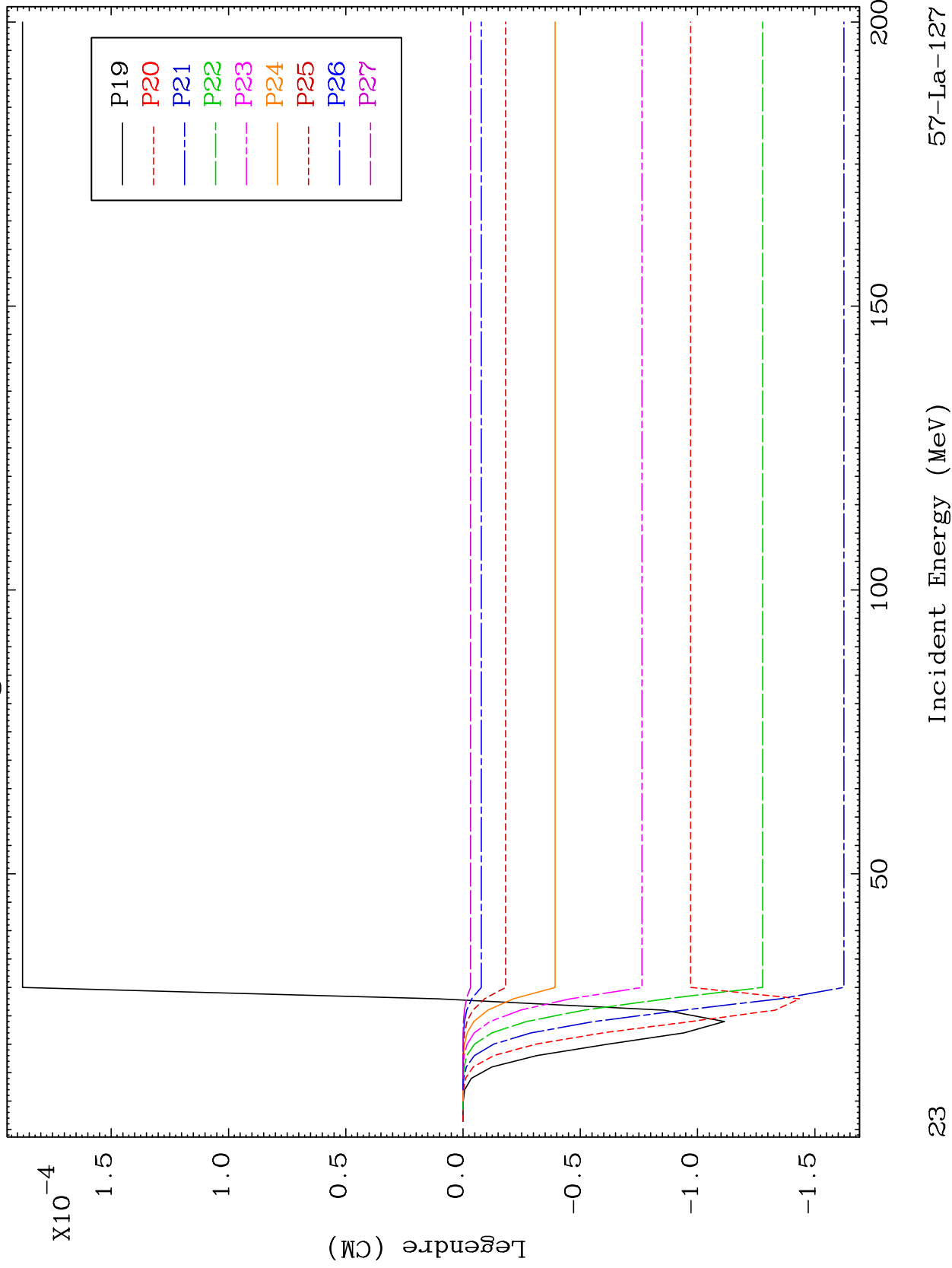
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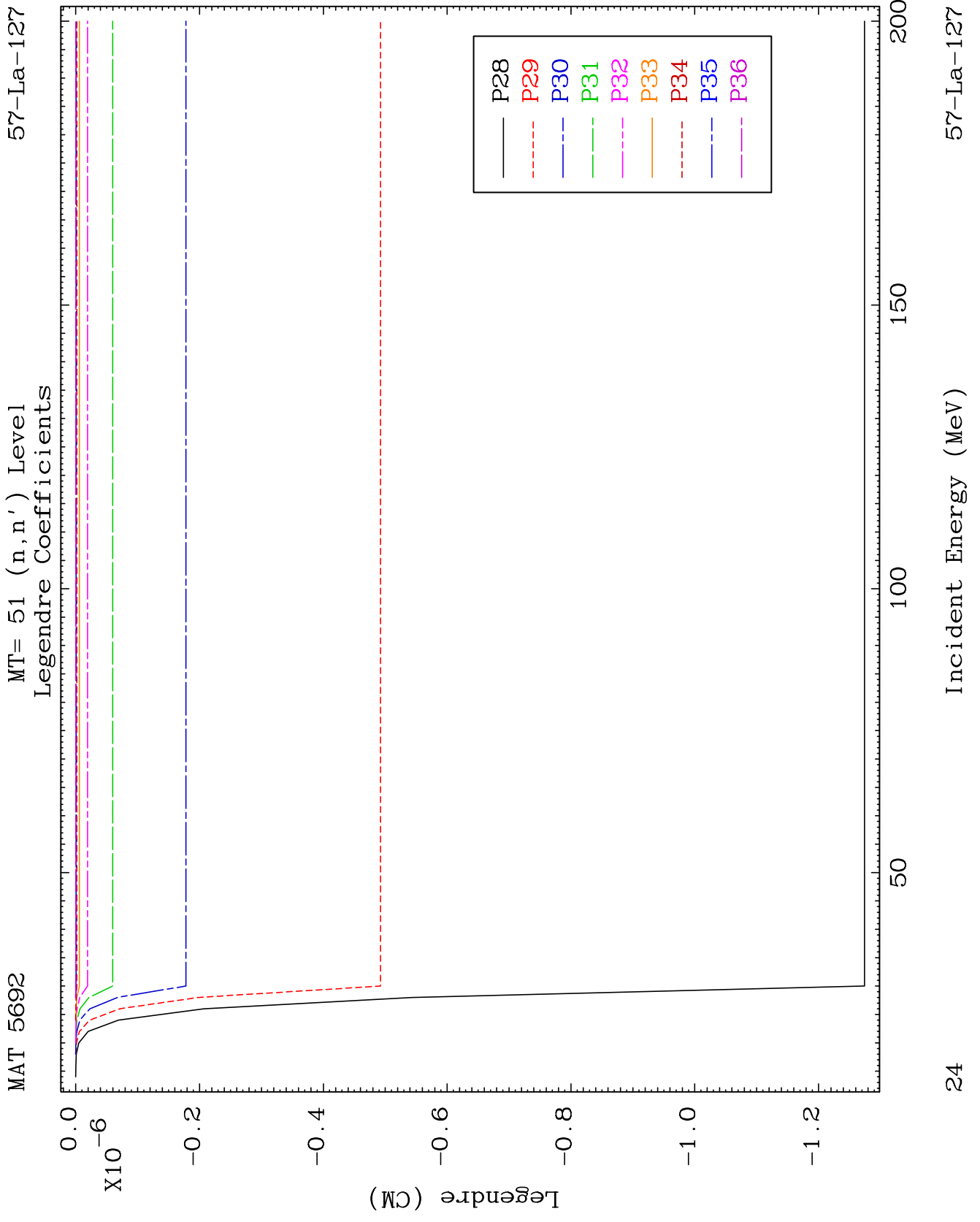


57-La-127

Incident Energy (MeV)

22

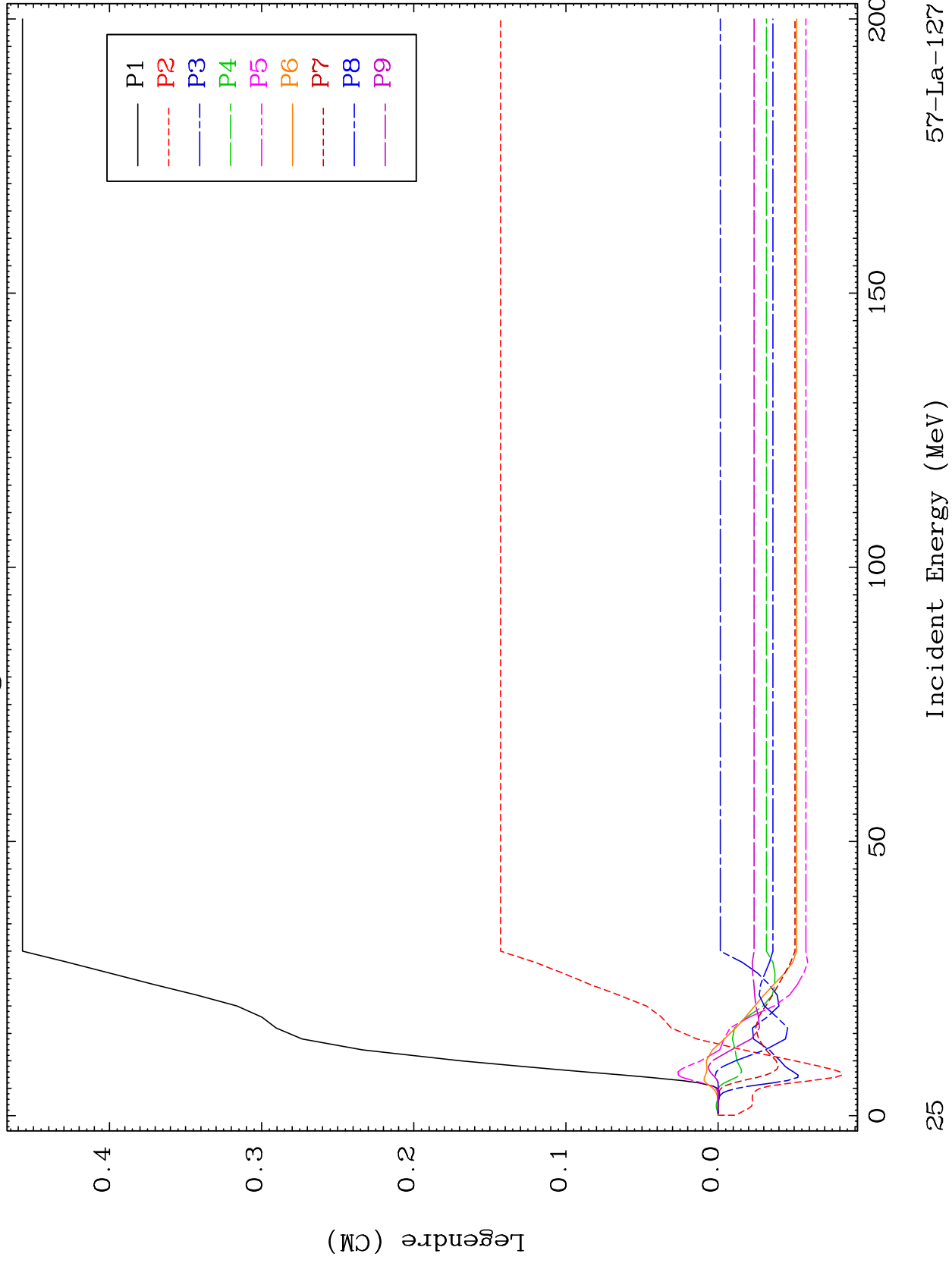




MAT 5692

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

57-La-127



57-La-127

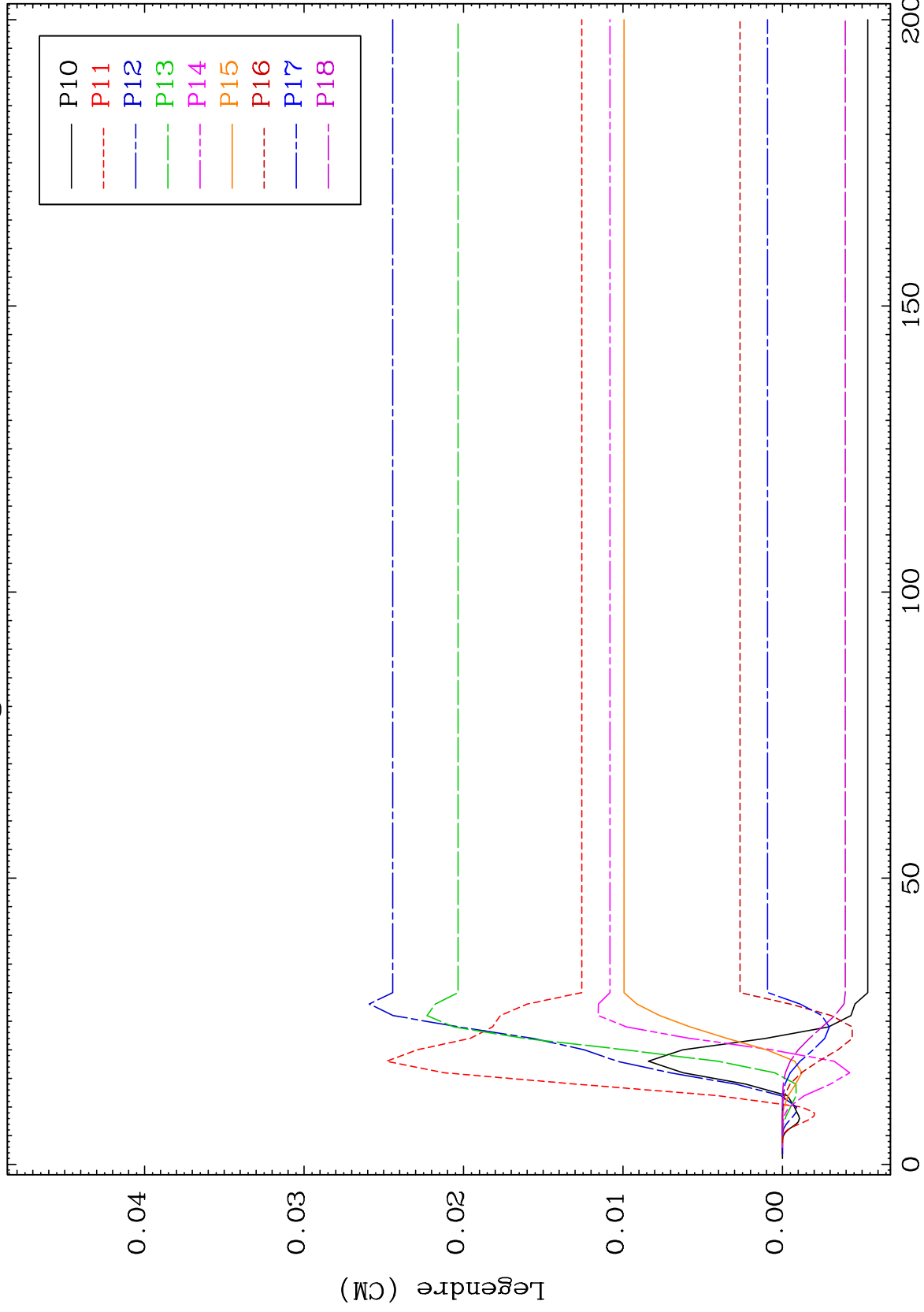
Incident Energy (MeV)

25

MAT 5692

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

57-La-127



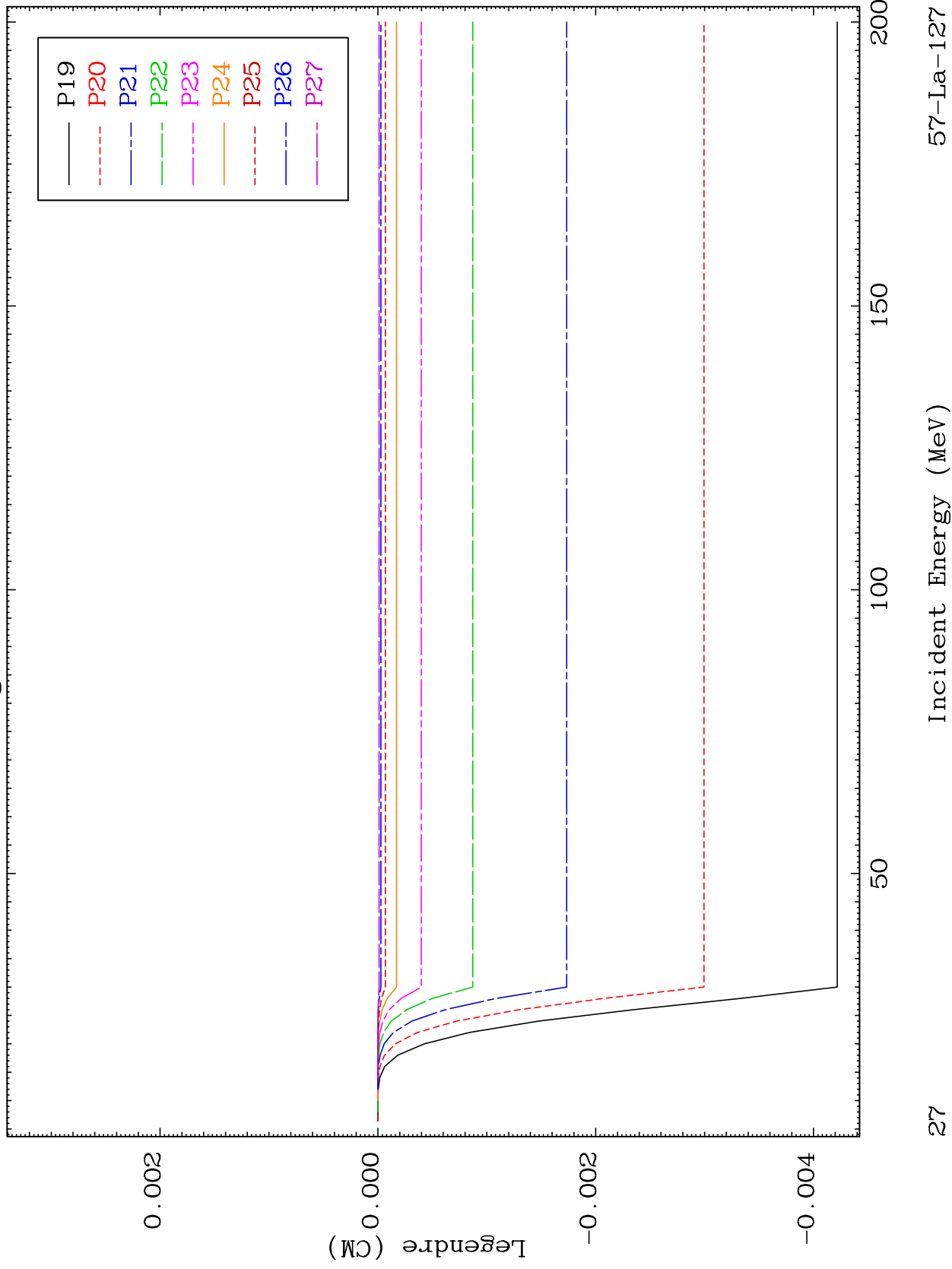
26

57-La-127

MAT 5692

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

57-La-127



27

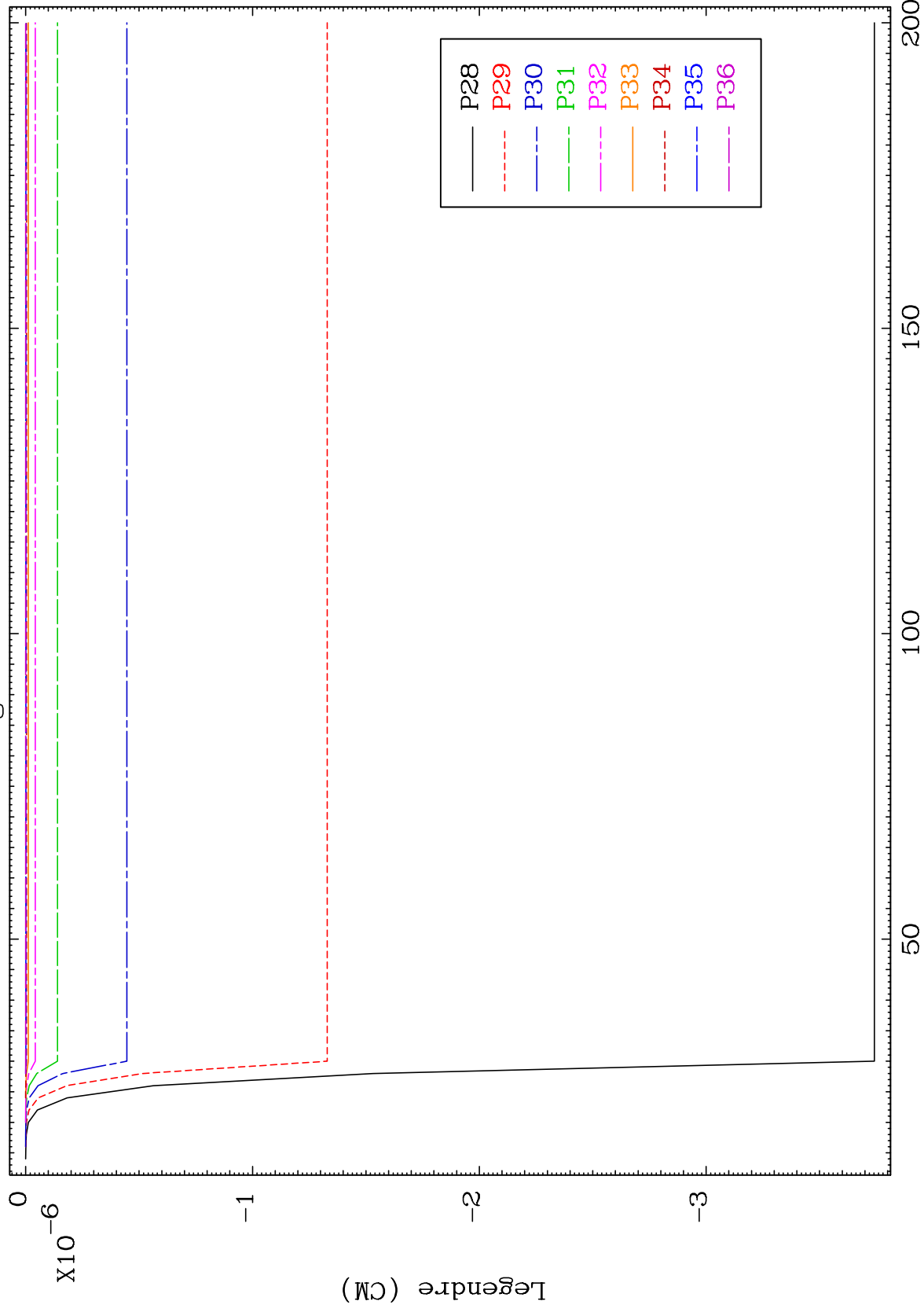
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



28

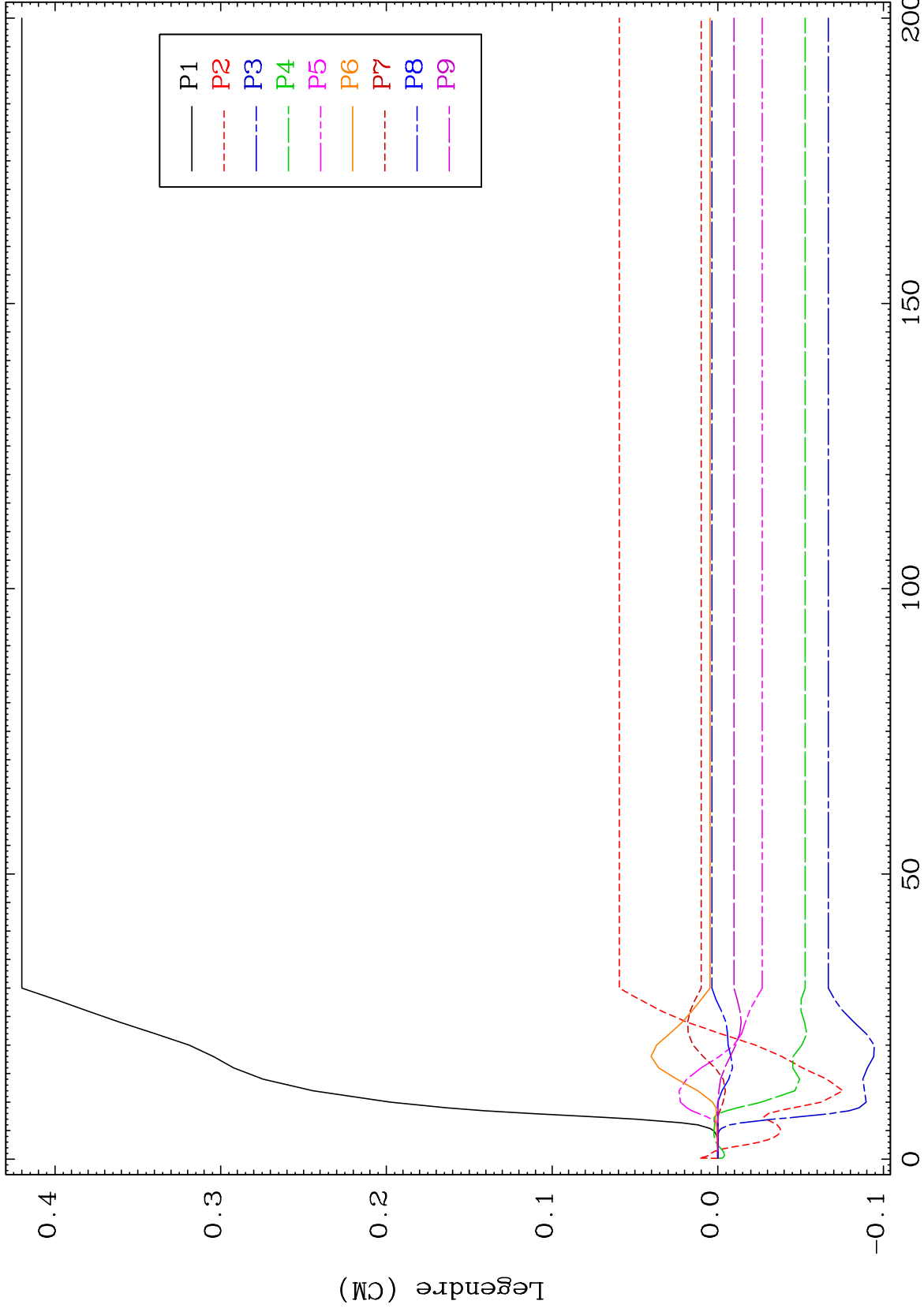
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



29

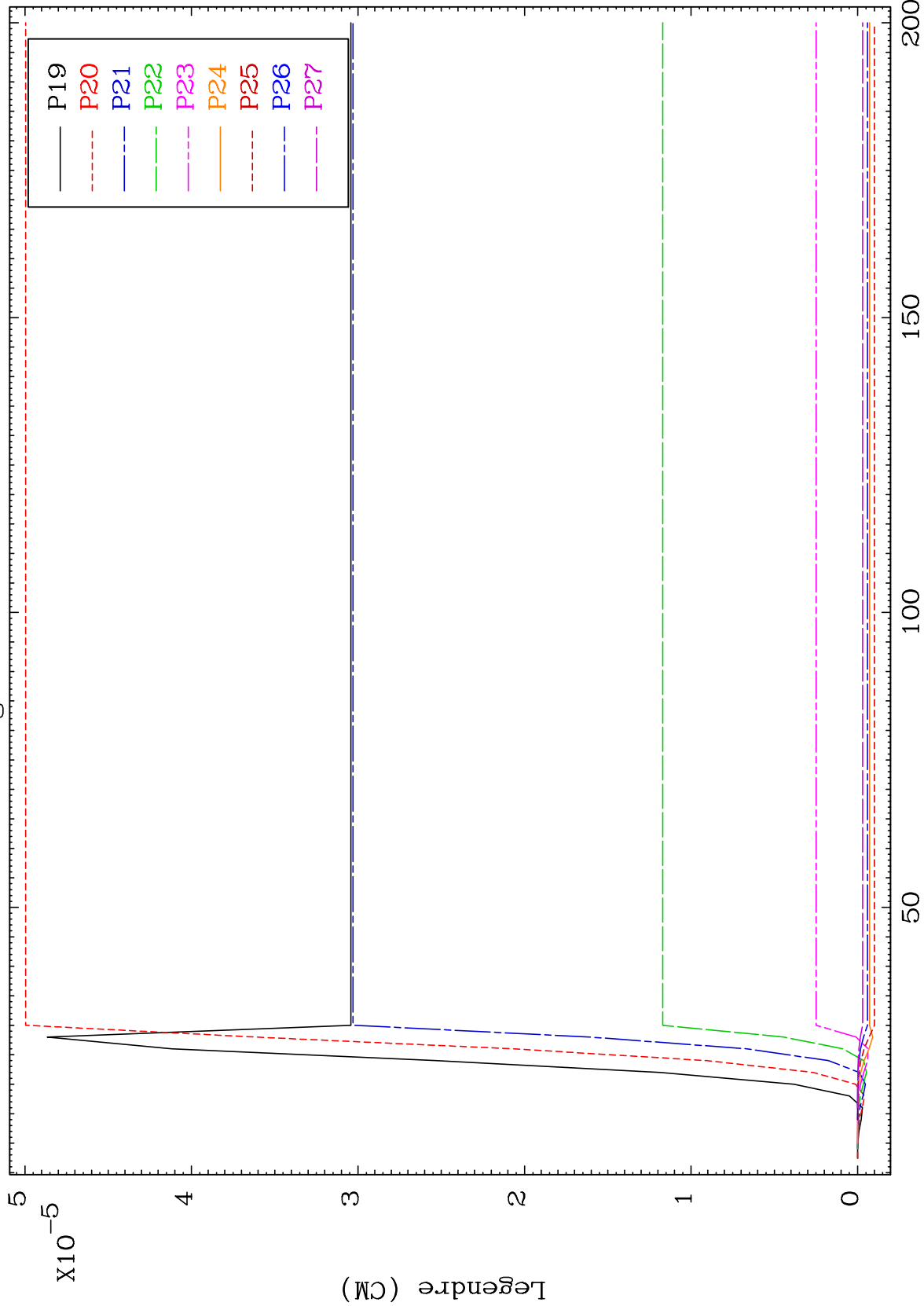
Incident Energy (MeV)

57-La-127

MAT 5692

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

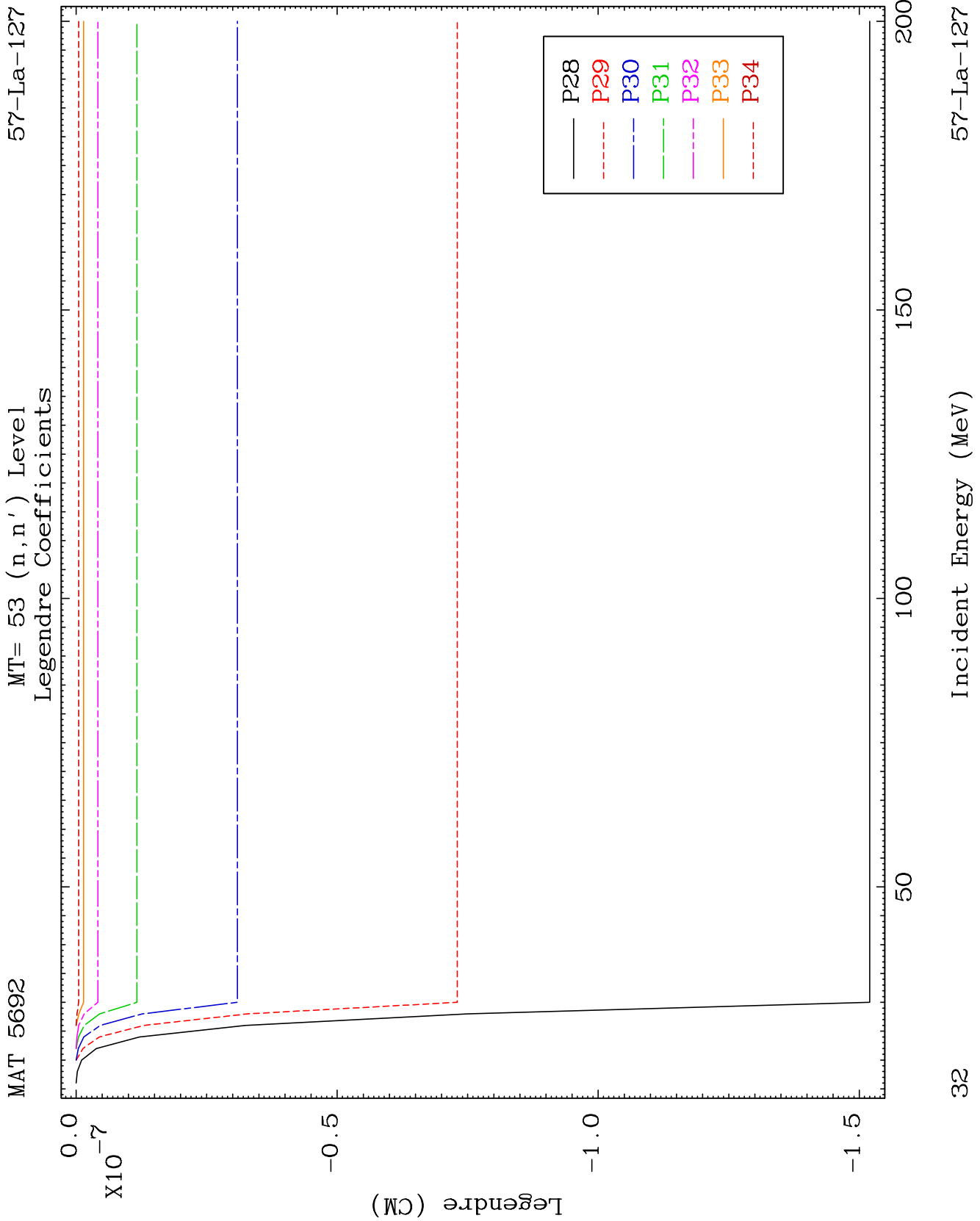
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57-La-127

Incident Energy (MeV)

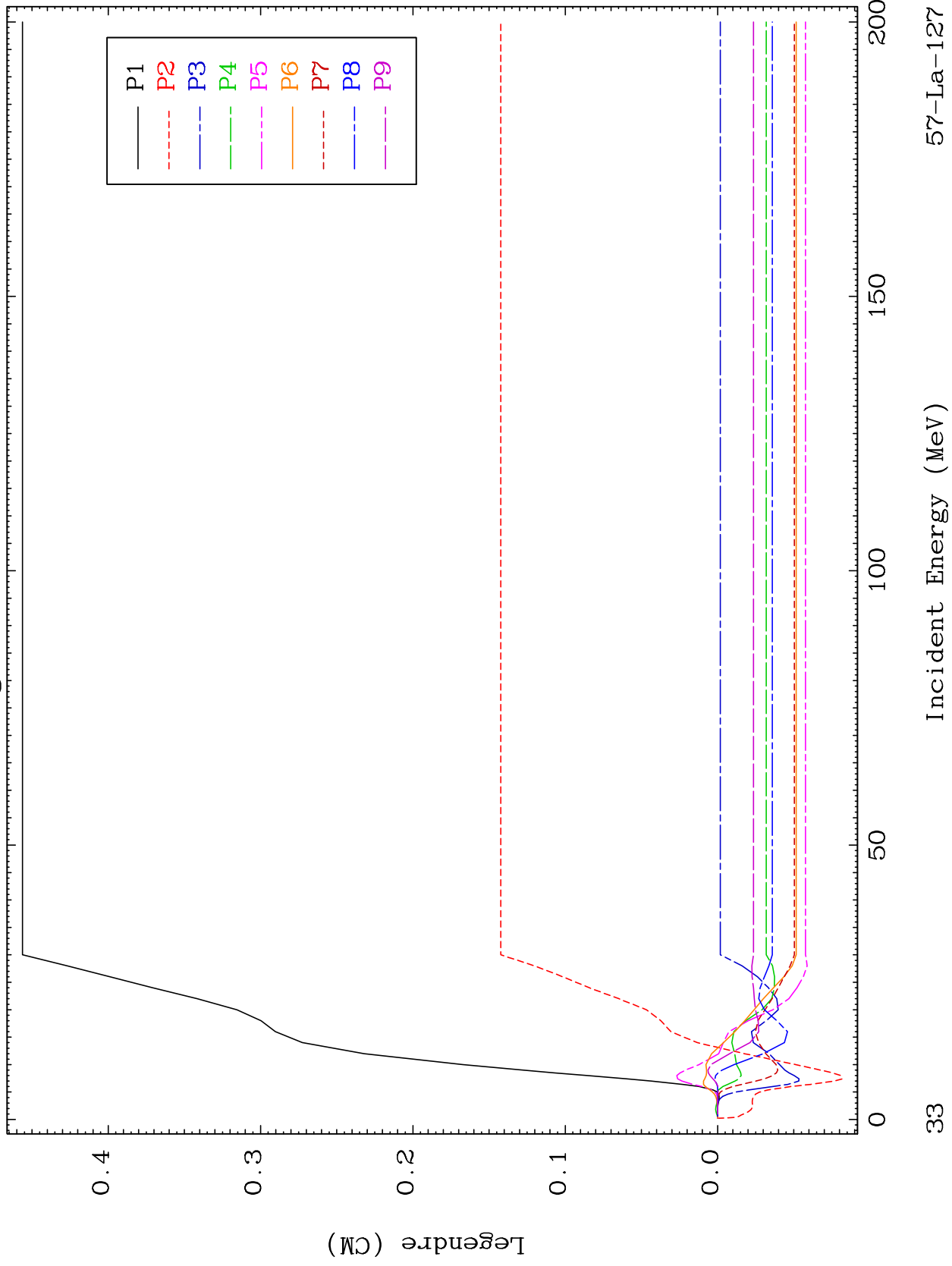
31



MAT 5692

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

57-La-127



57-La-127

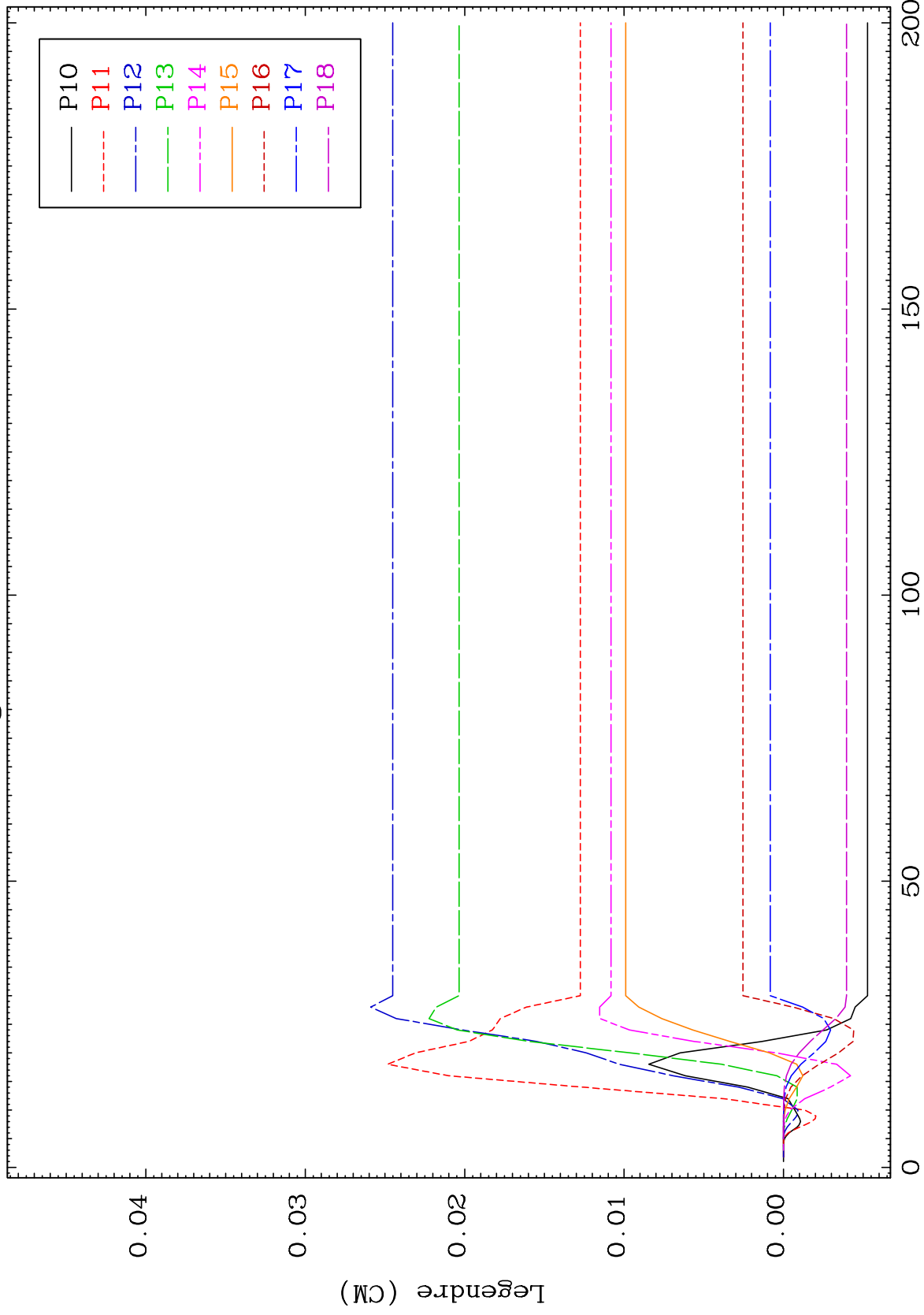
Incident Energy (MeV)

33

MAT 5692

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

57-La-127



34

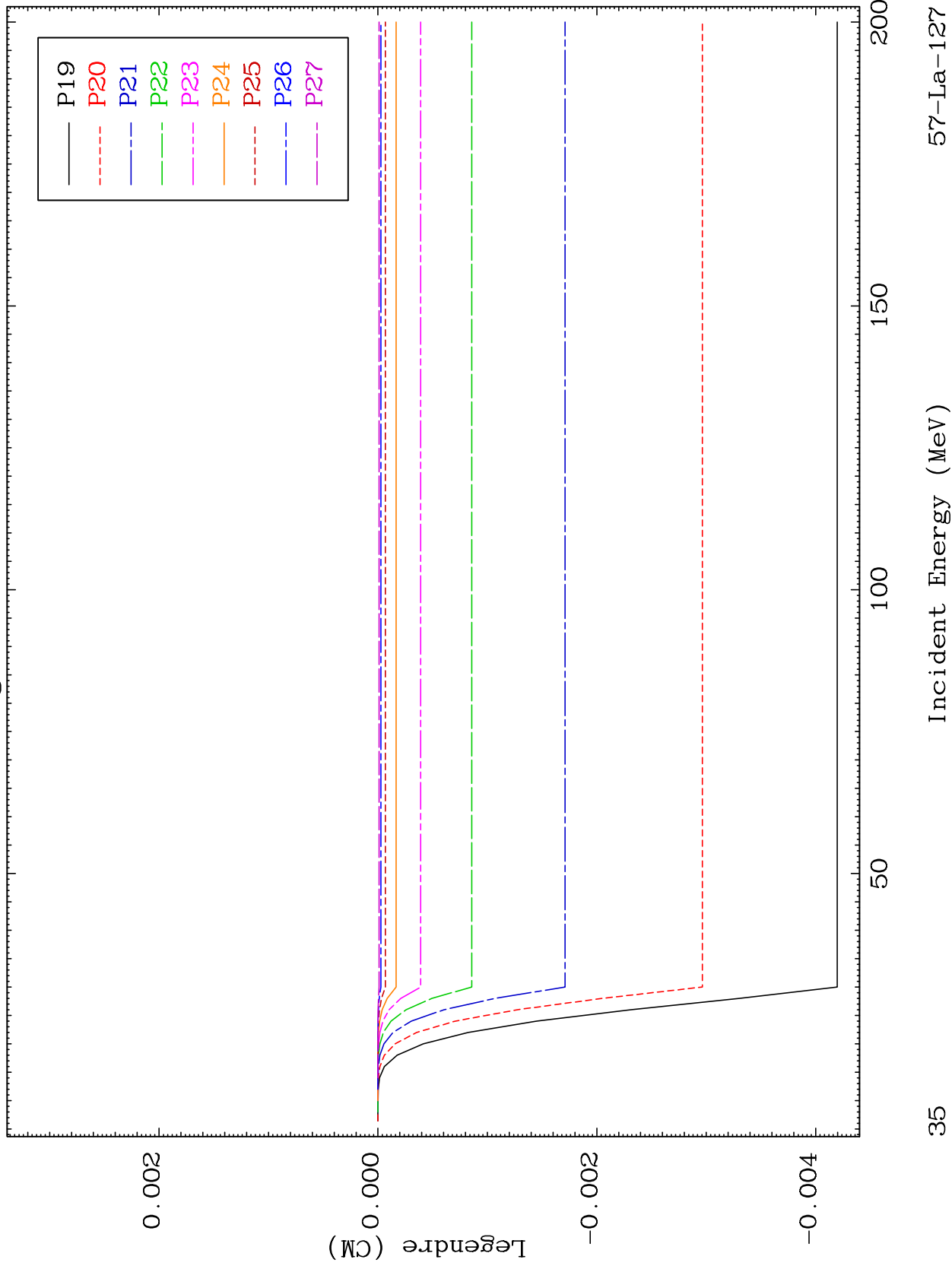
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



35

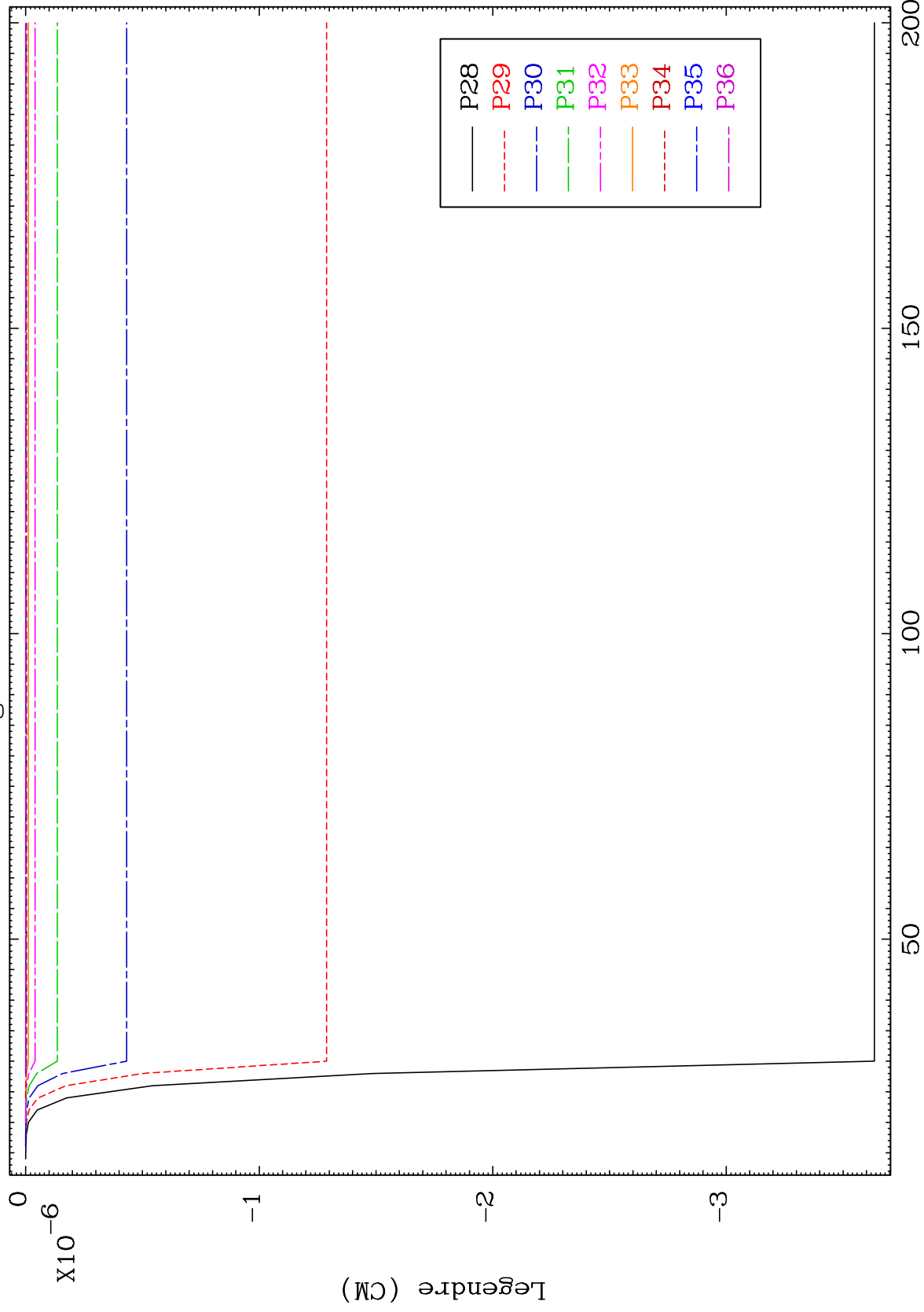
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



36

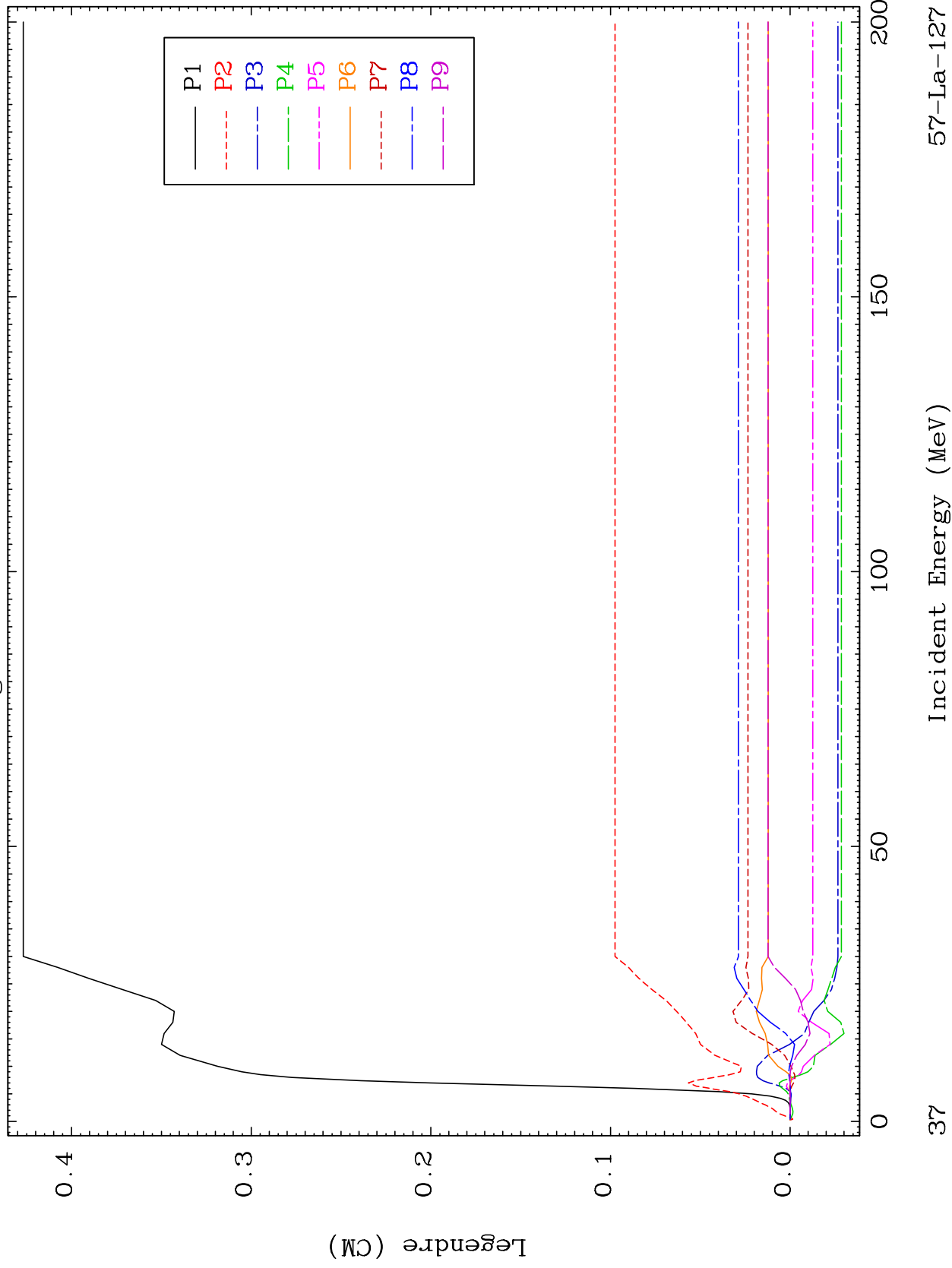
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



57-La-127

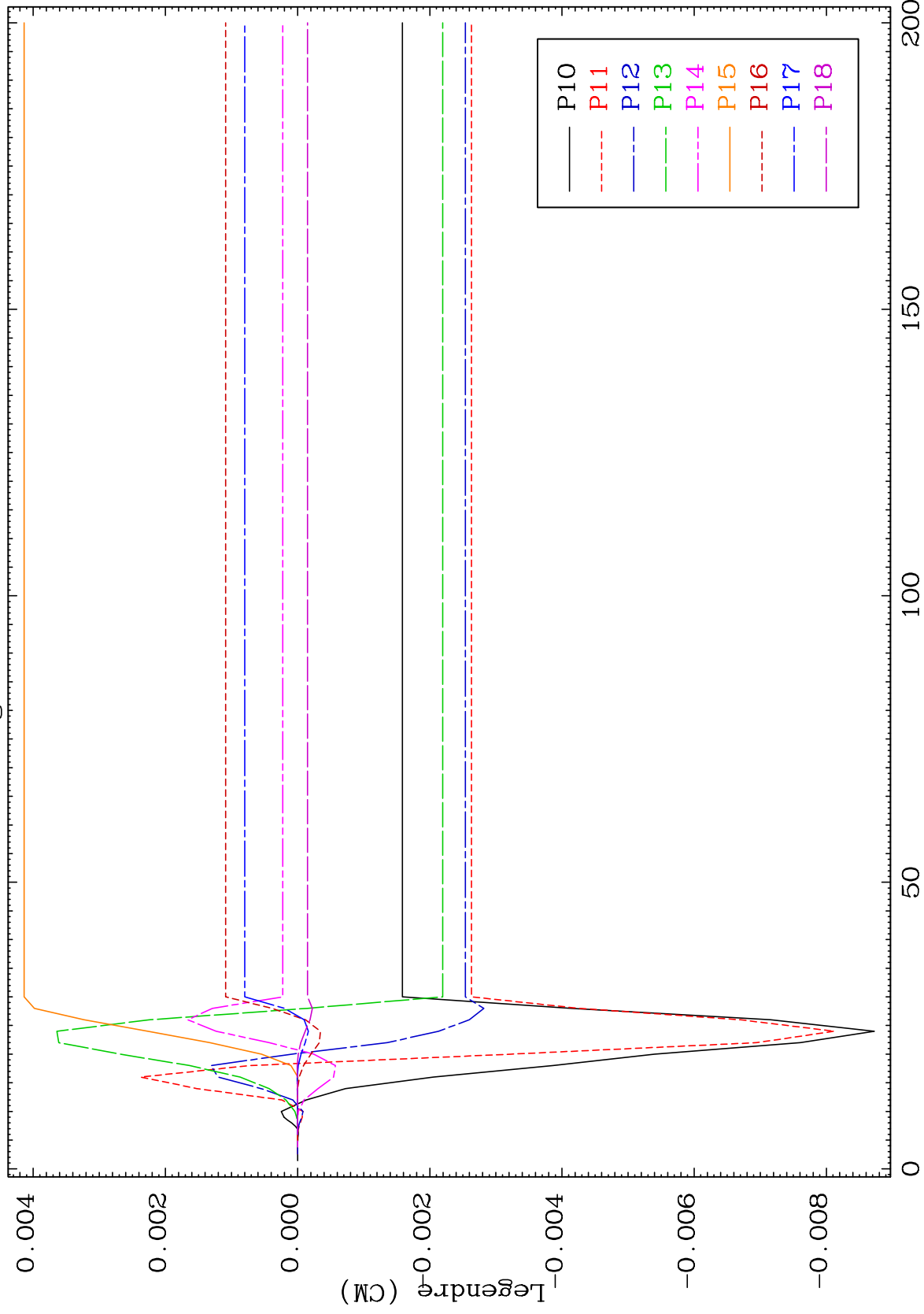
Incident Energy (MeV)

37

MAT 5692

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

57-La-127



38

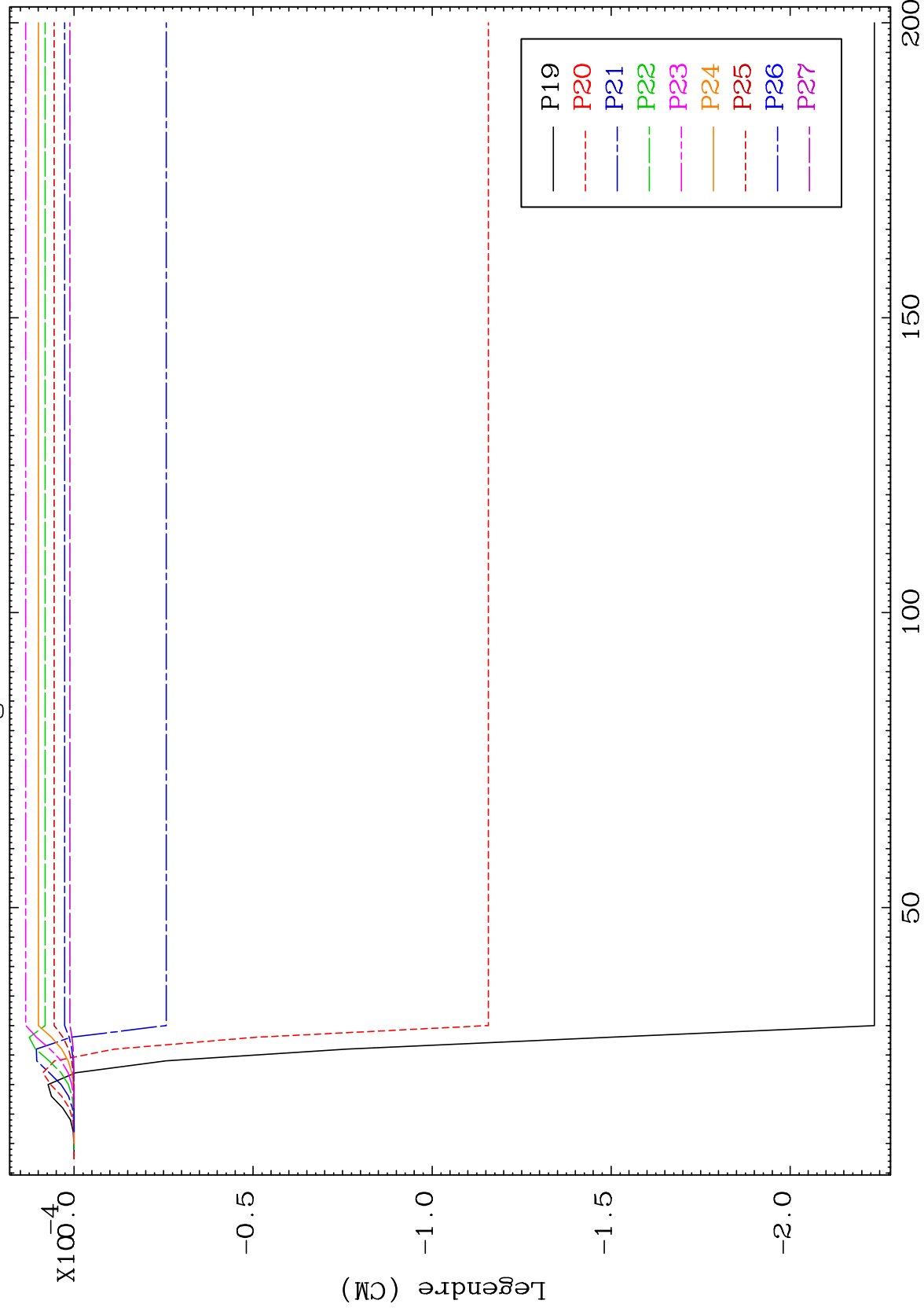
Incident Energy (MeV)

57-La-127

MAT 5692

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

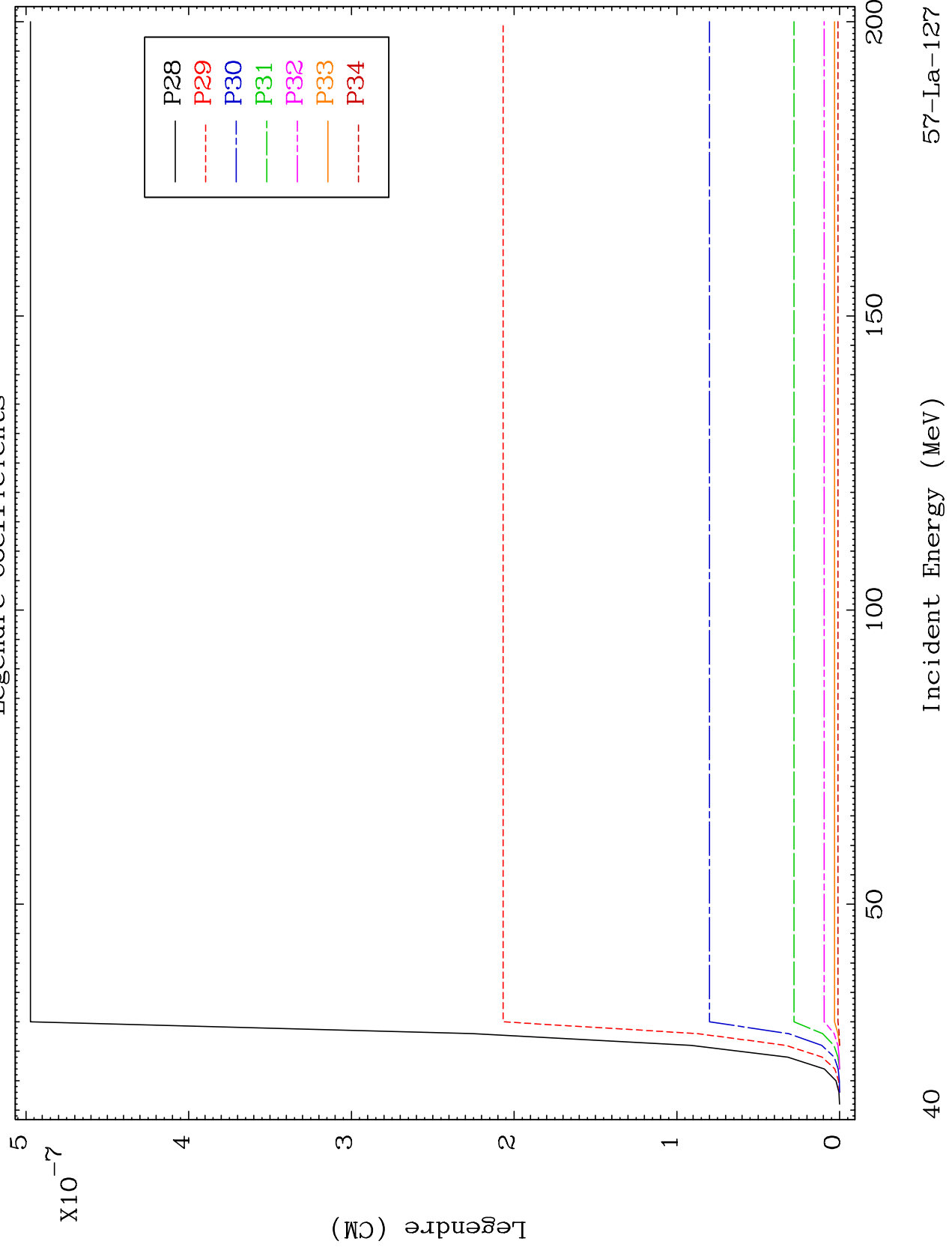
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MAT 5692

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

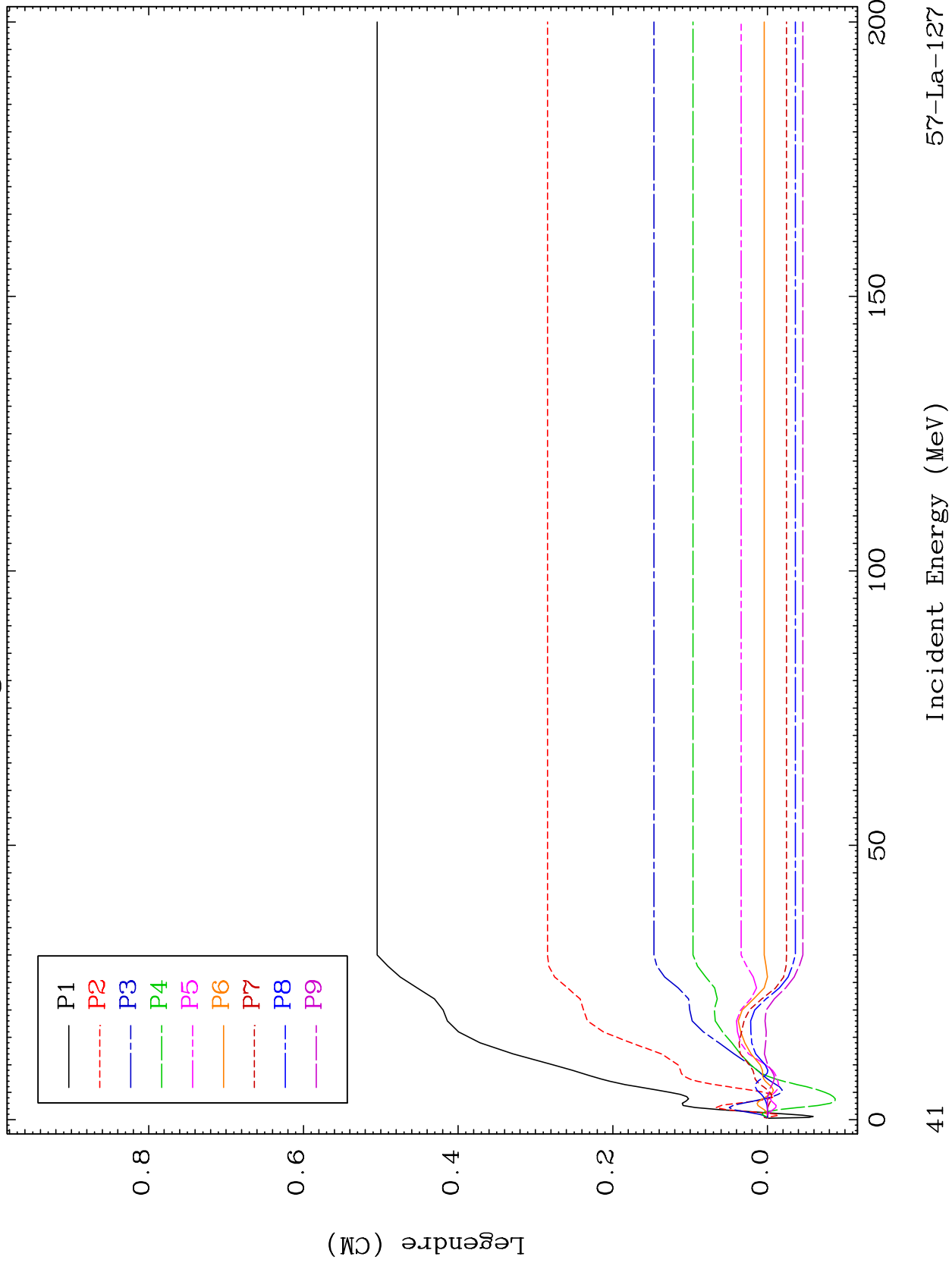
57-La-127



MAT 5692

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

57-La-127



41

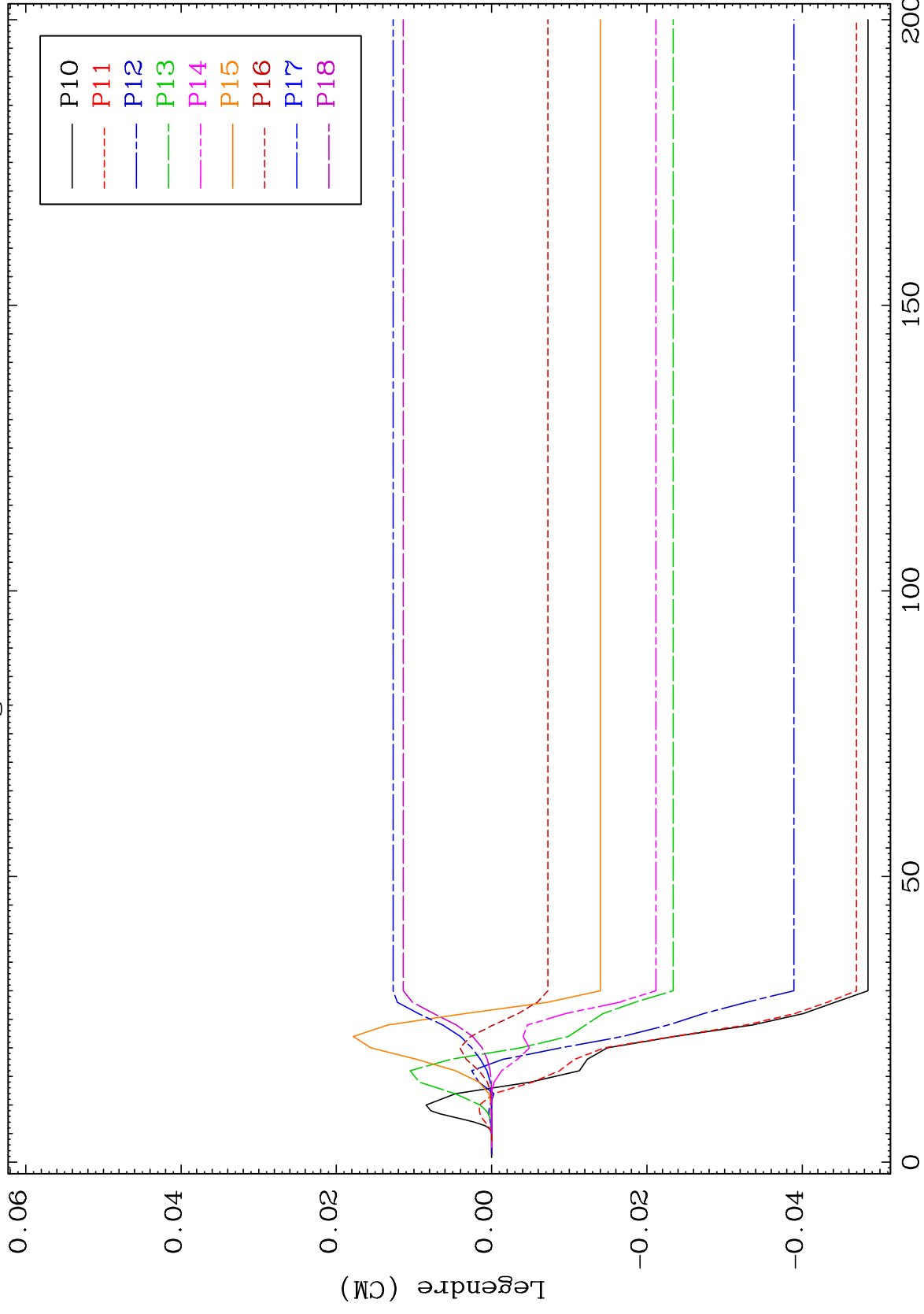
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



42

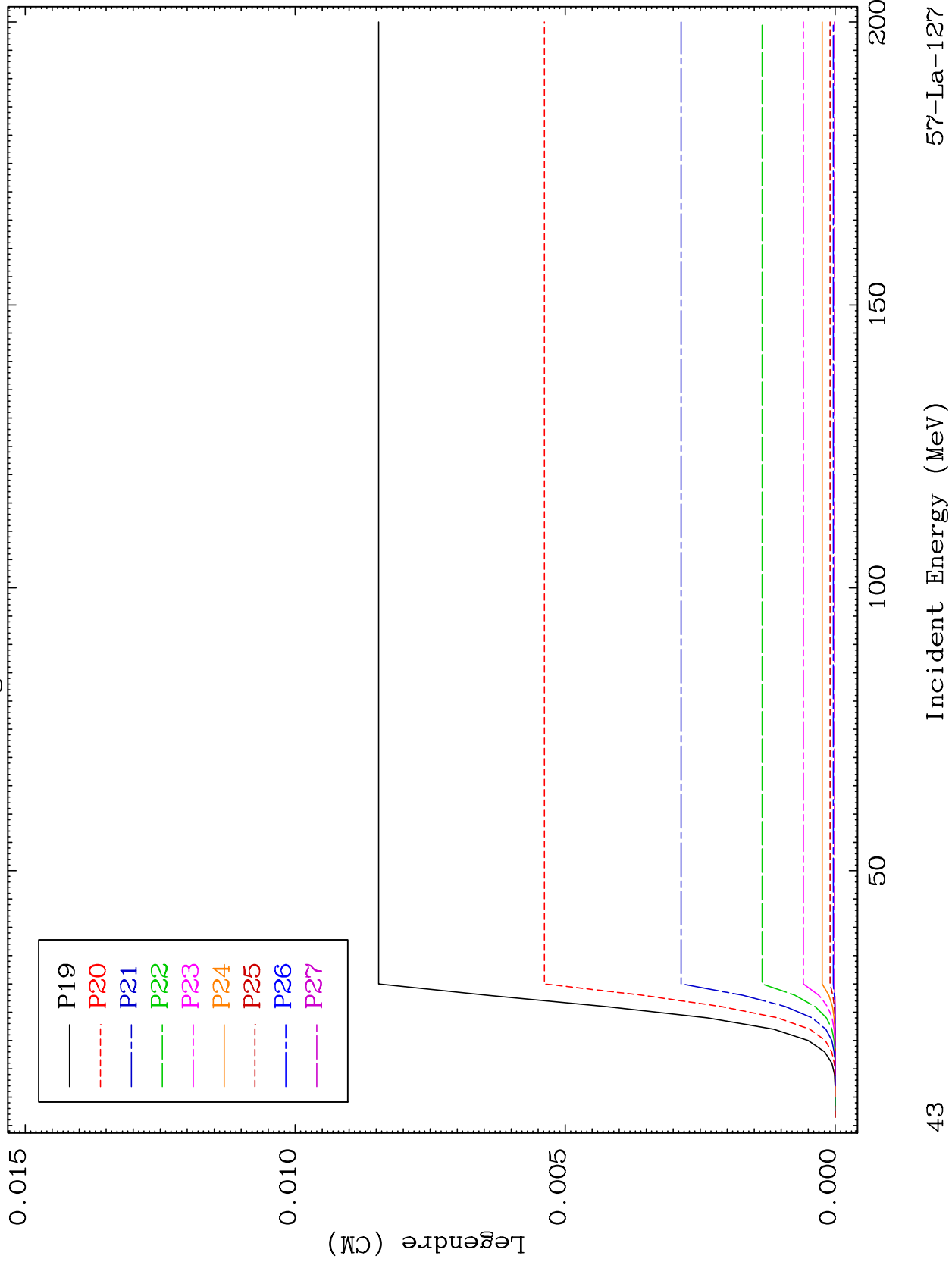
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



43

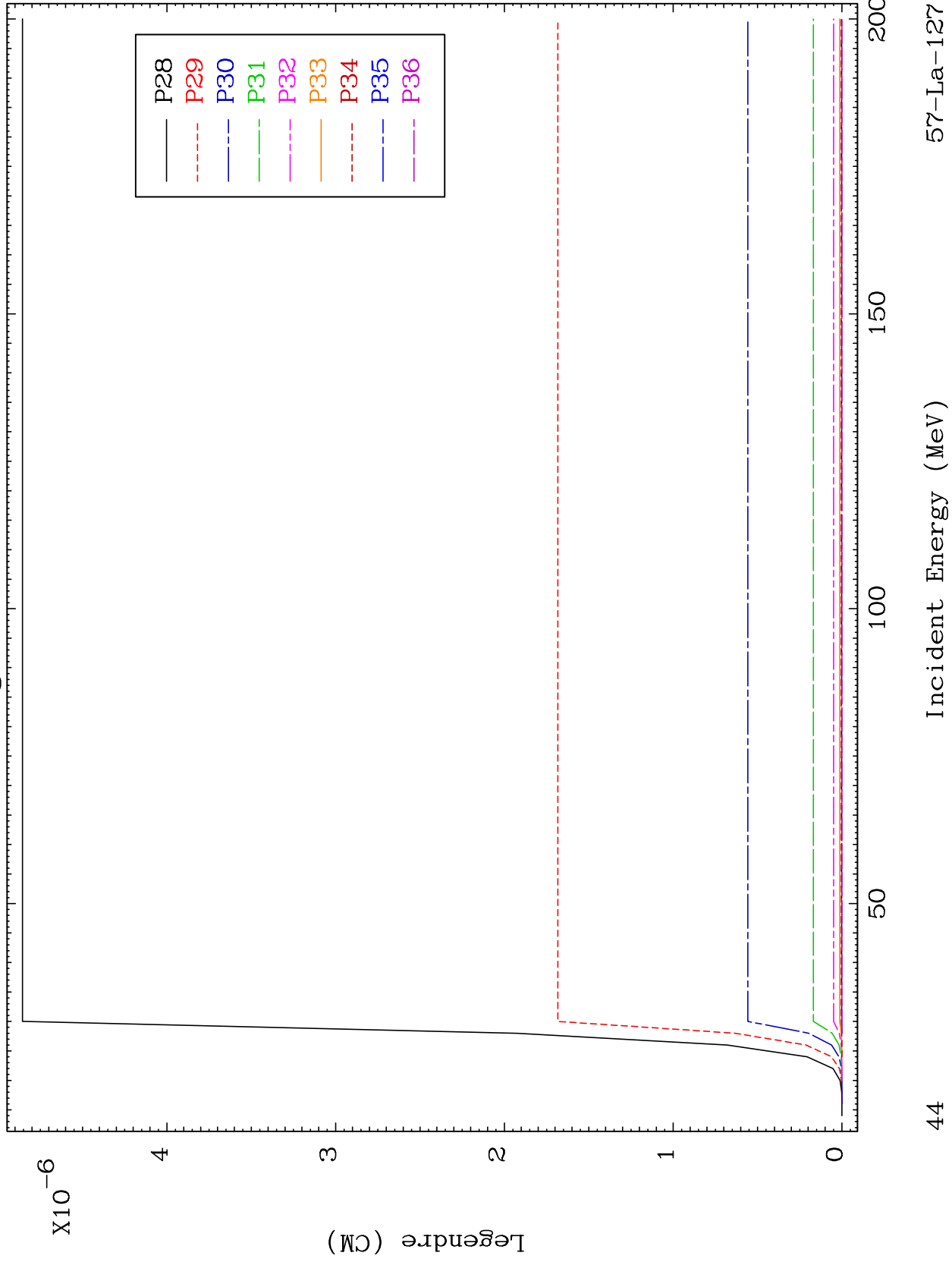
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



44

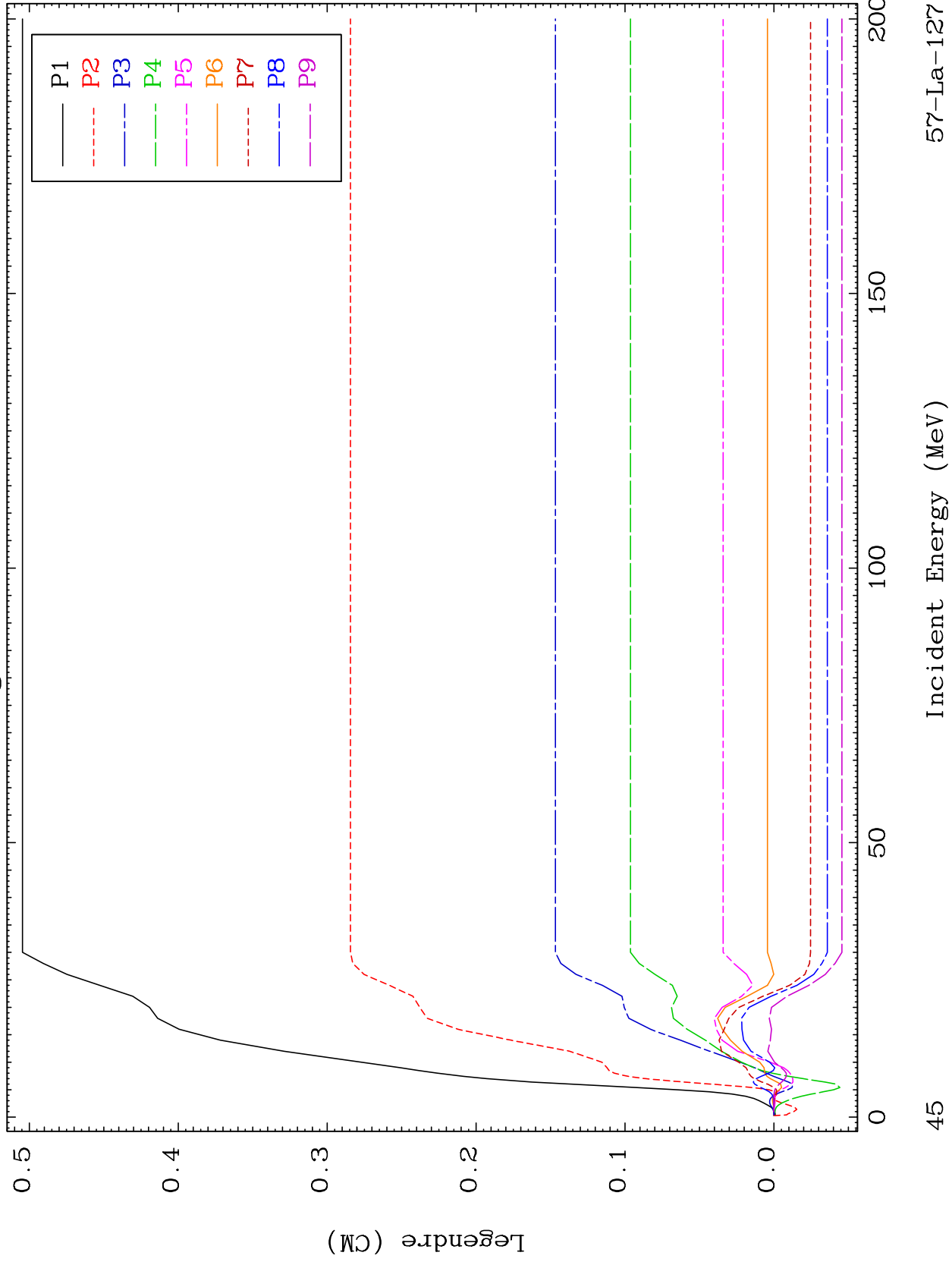
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



57-La-127

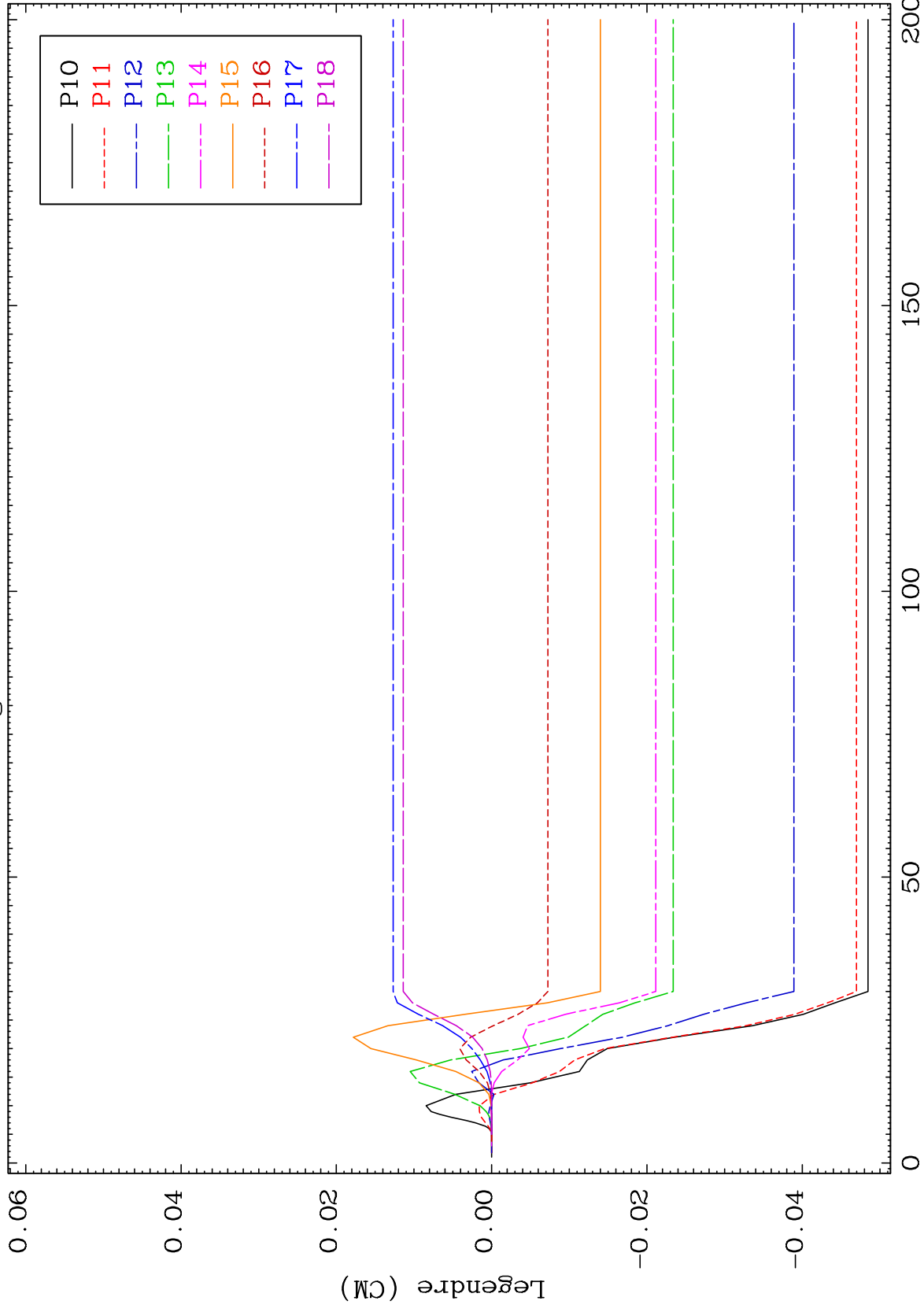
Incident Energy (MeV)

45

MAT 5692

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

57-La-127



46

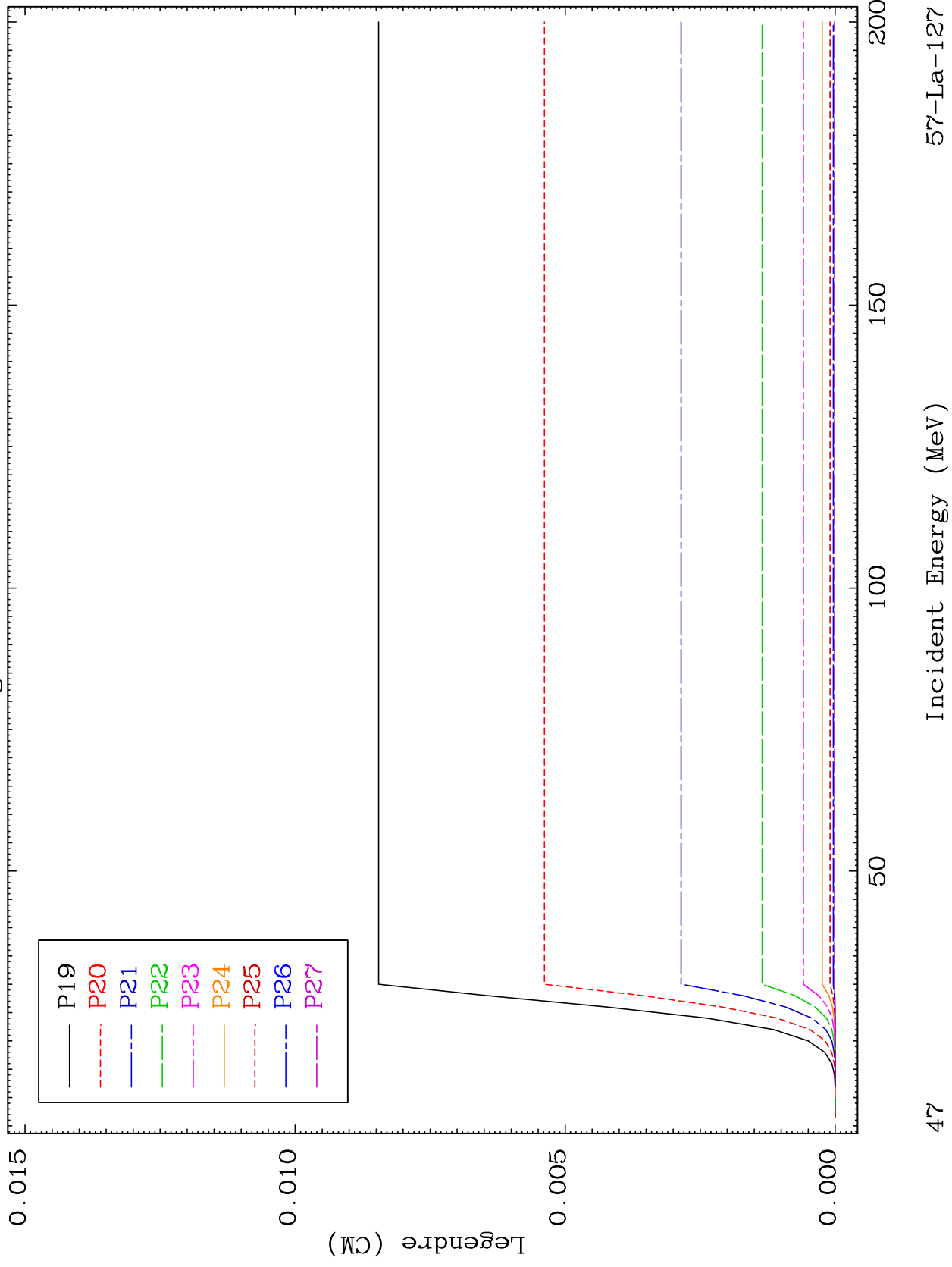
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



47

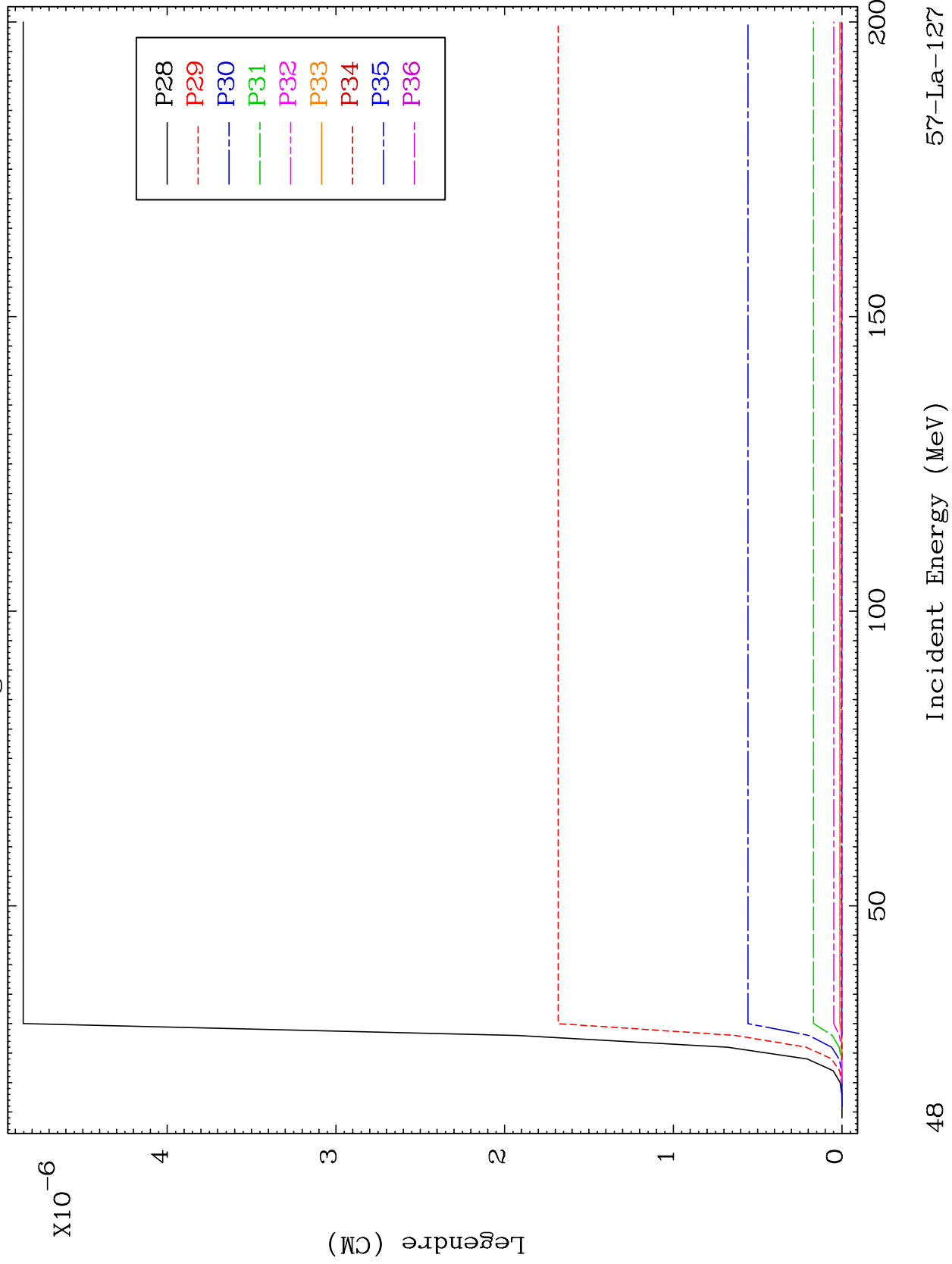
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



48

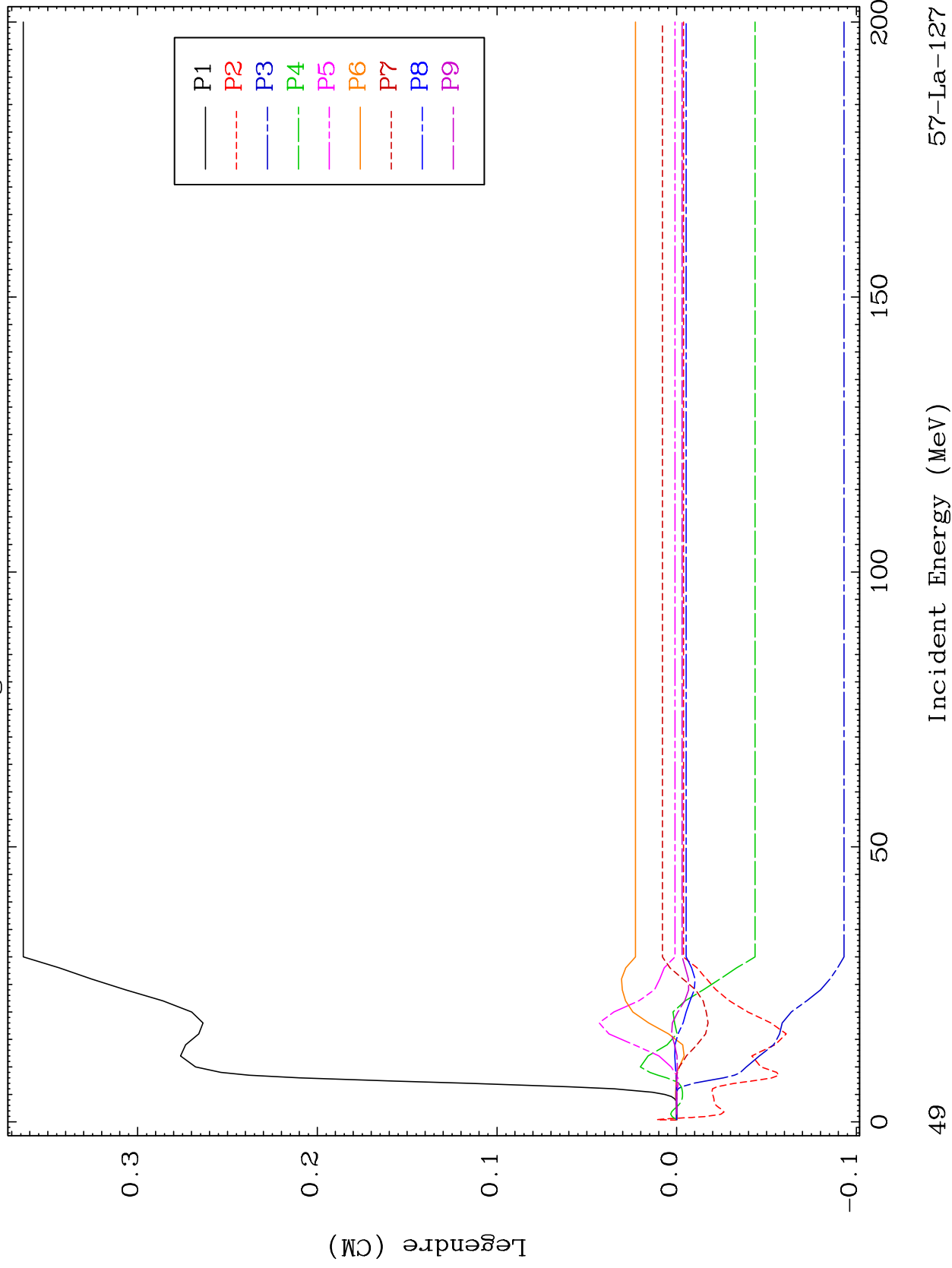
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



57-La-127

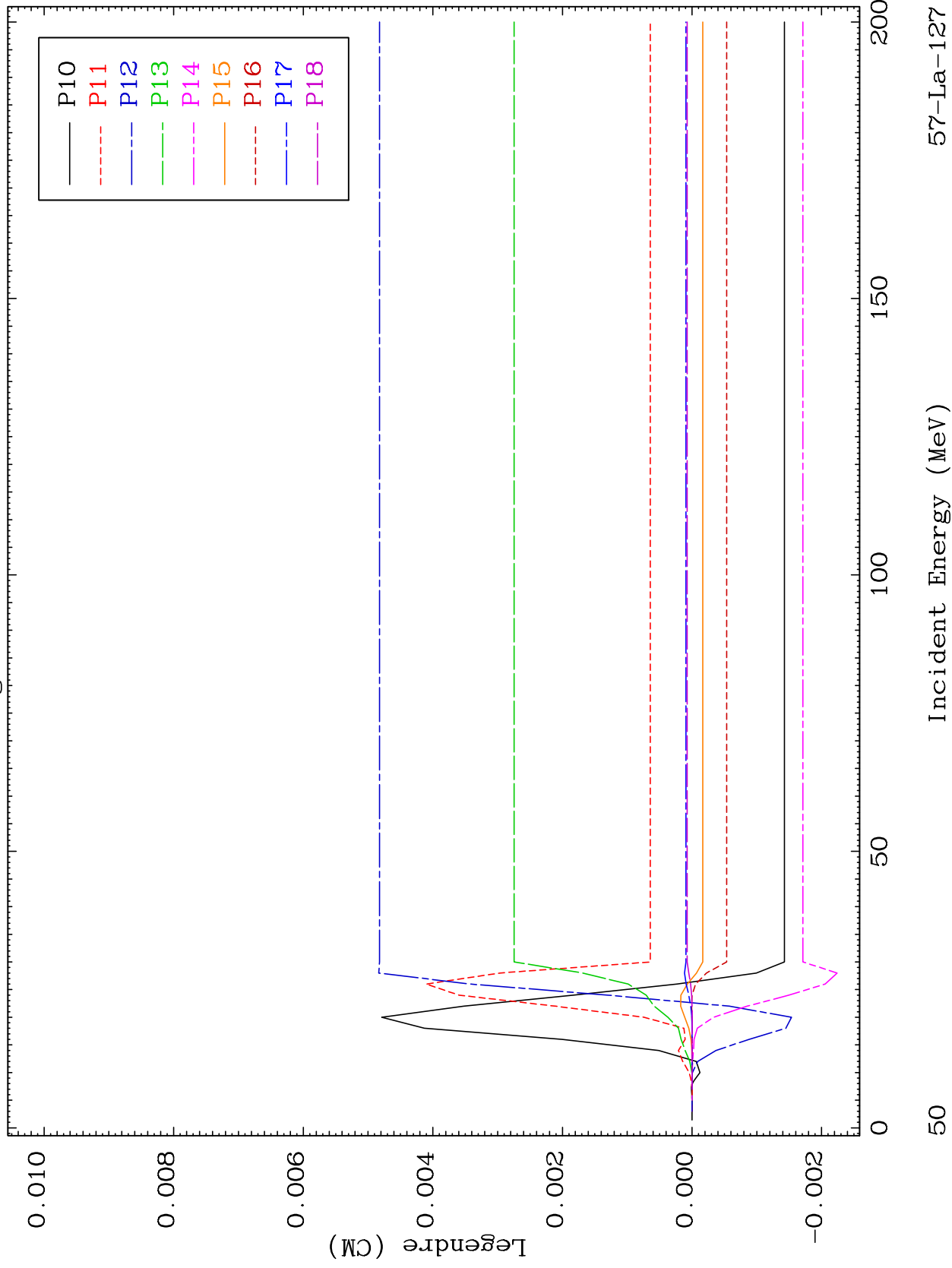
Incident Energy (MeV)

49

MAT 5692

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

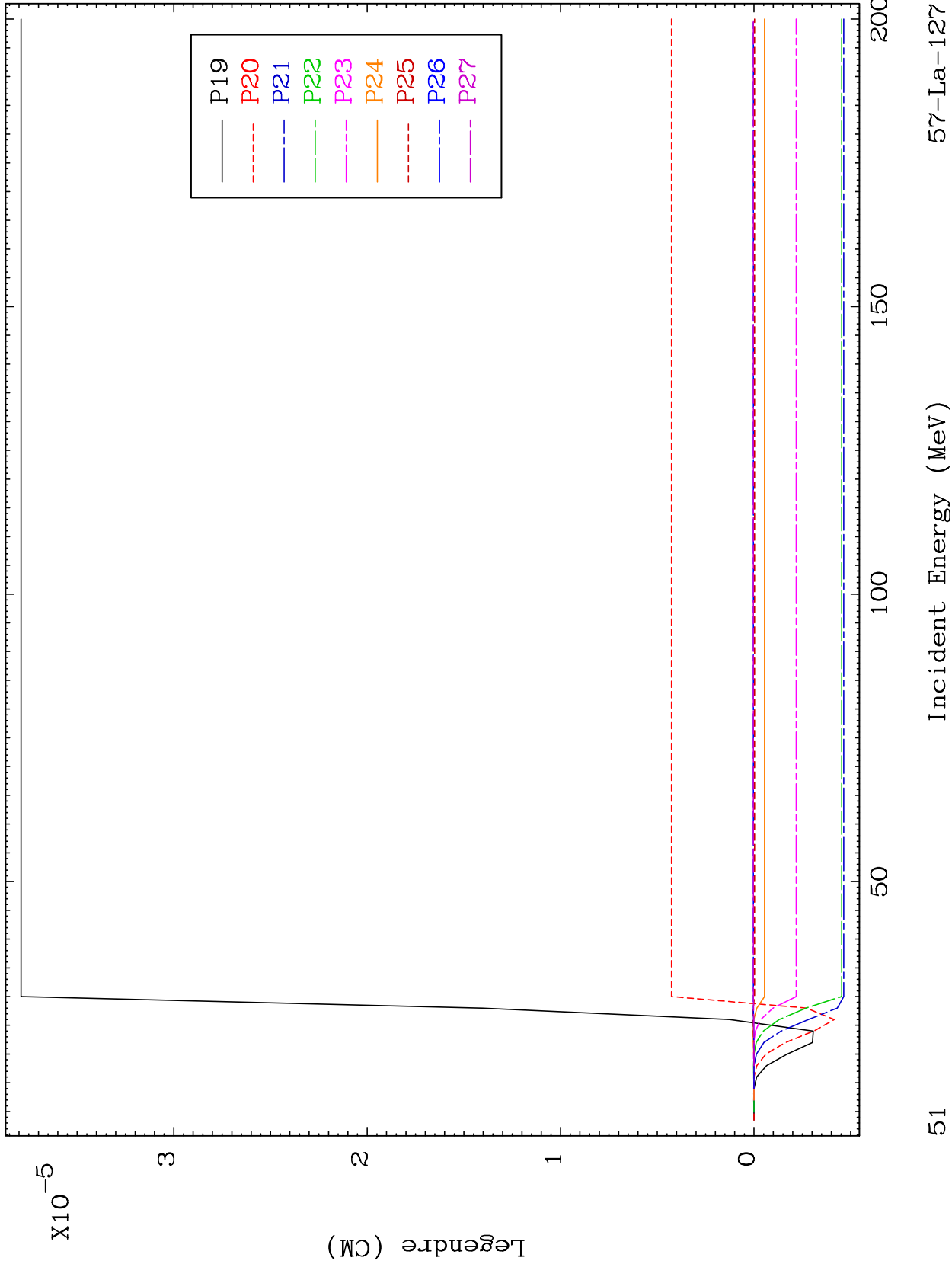
57-La-127



MAT 5692

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

57-La-127



51

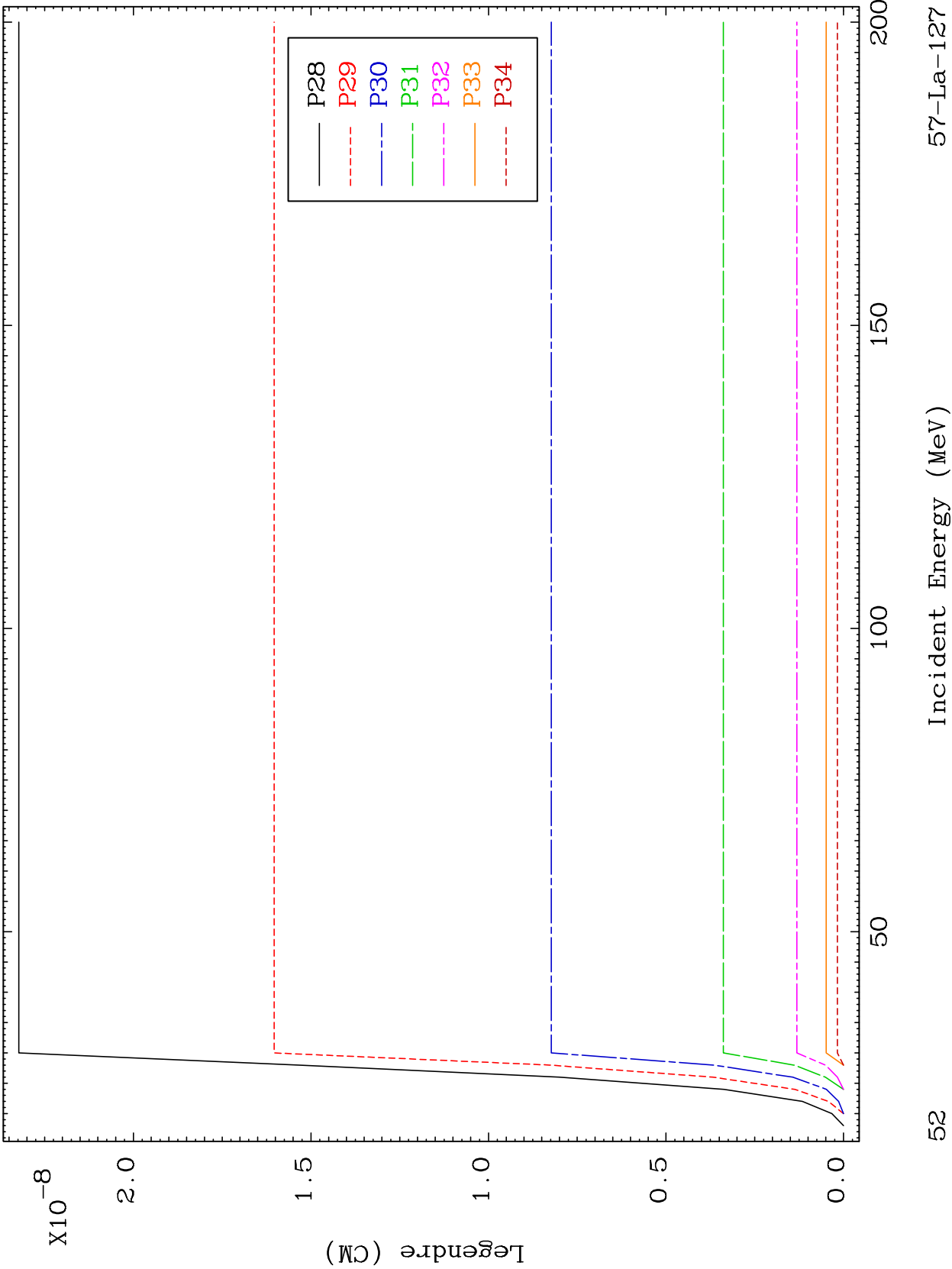
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



52

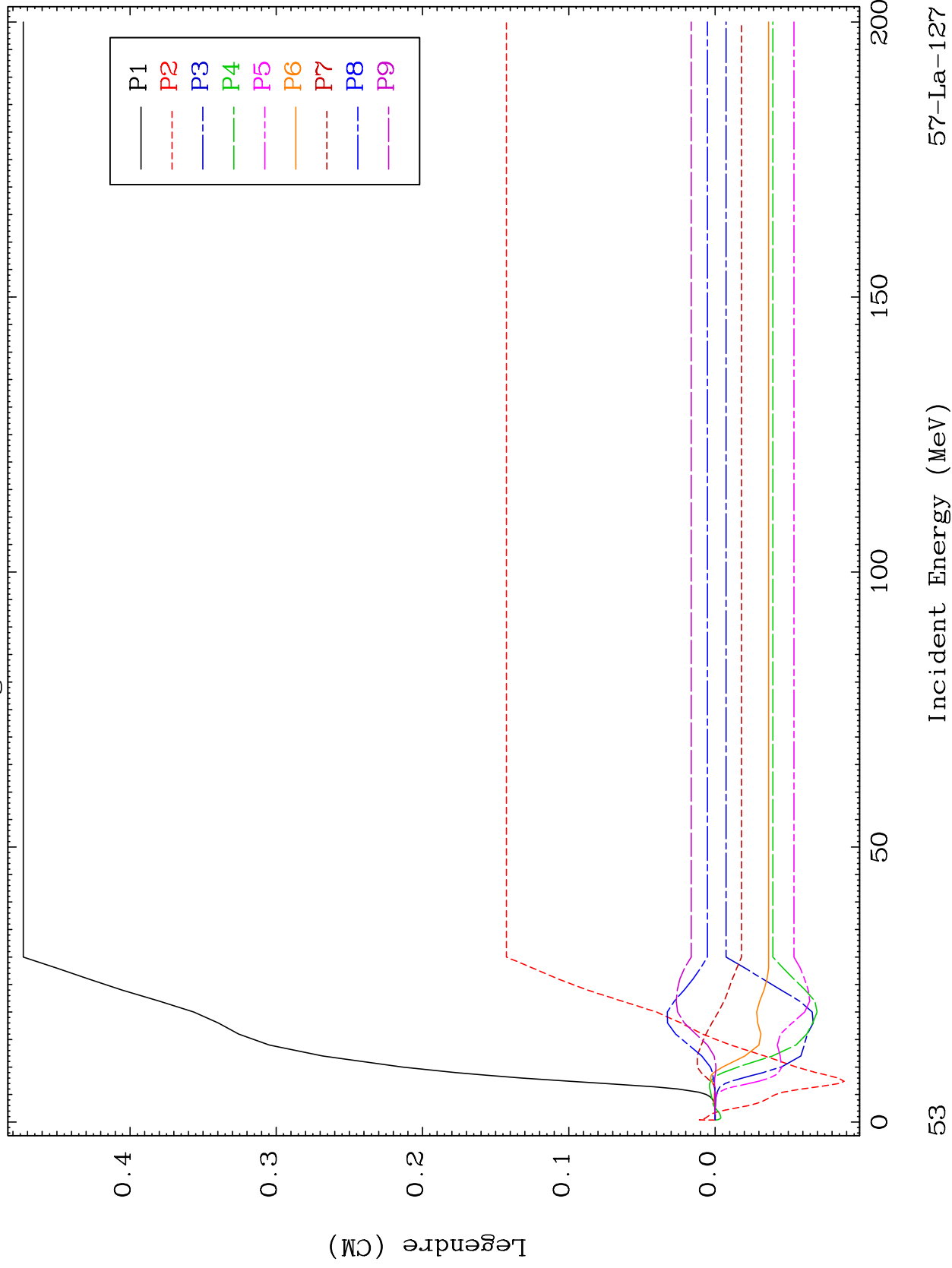
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



57-La-127

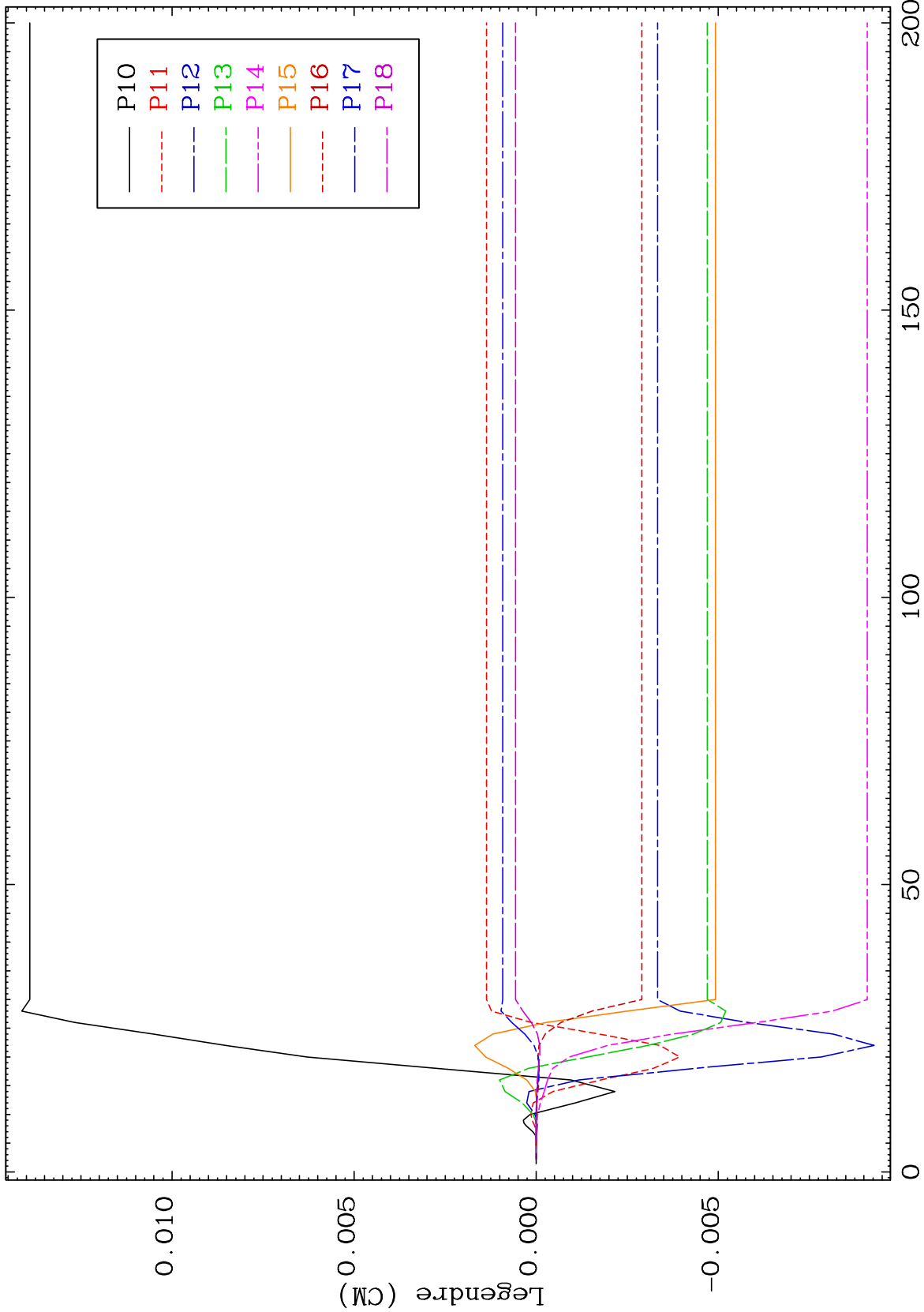
Incident Energy (MeV)

53

MAT 5692

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

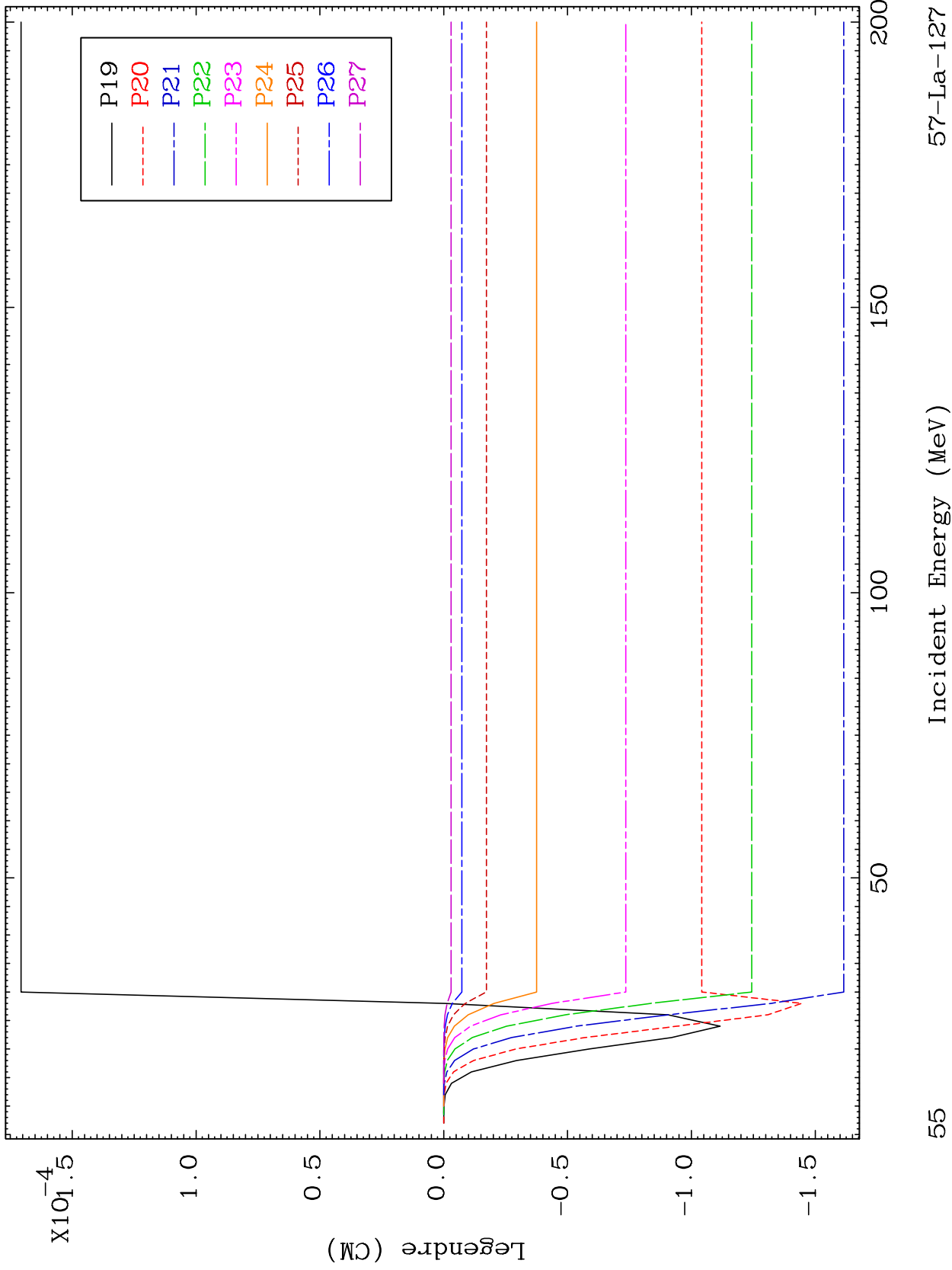
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54

Incident Energy (MeV)

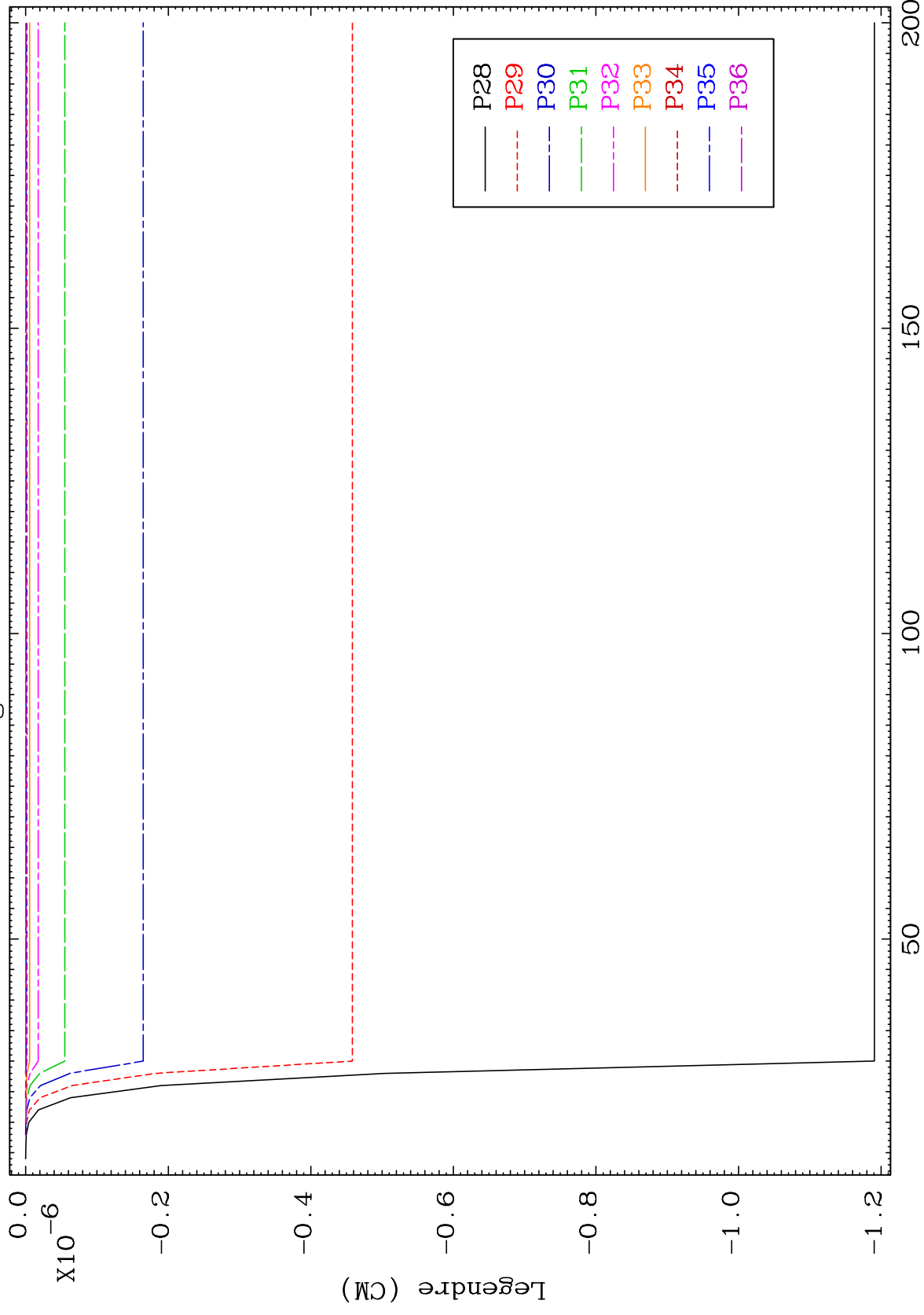
57-La-127



MAT 5692

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

57-La-127



56

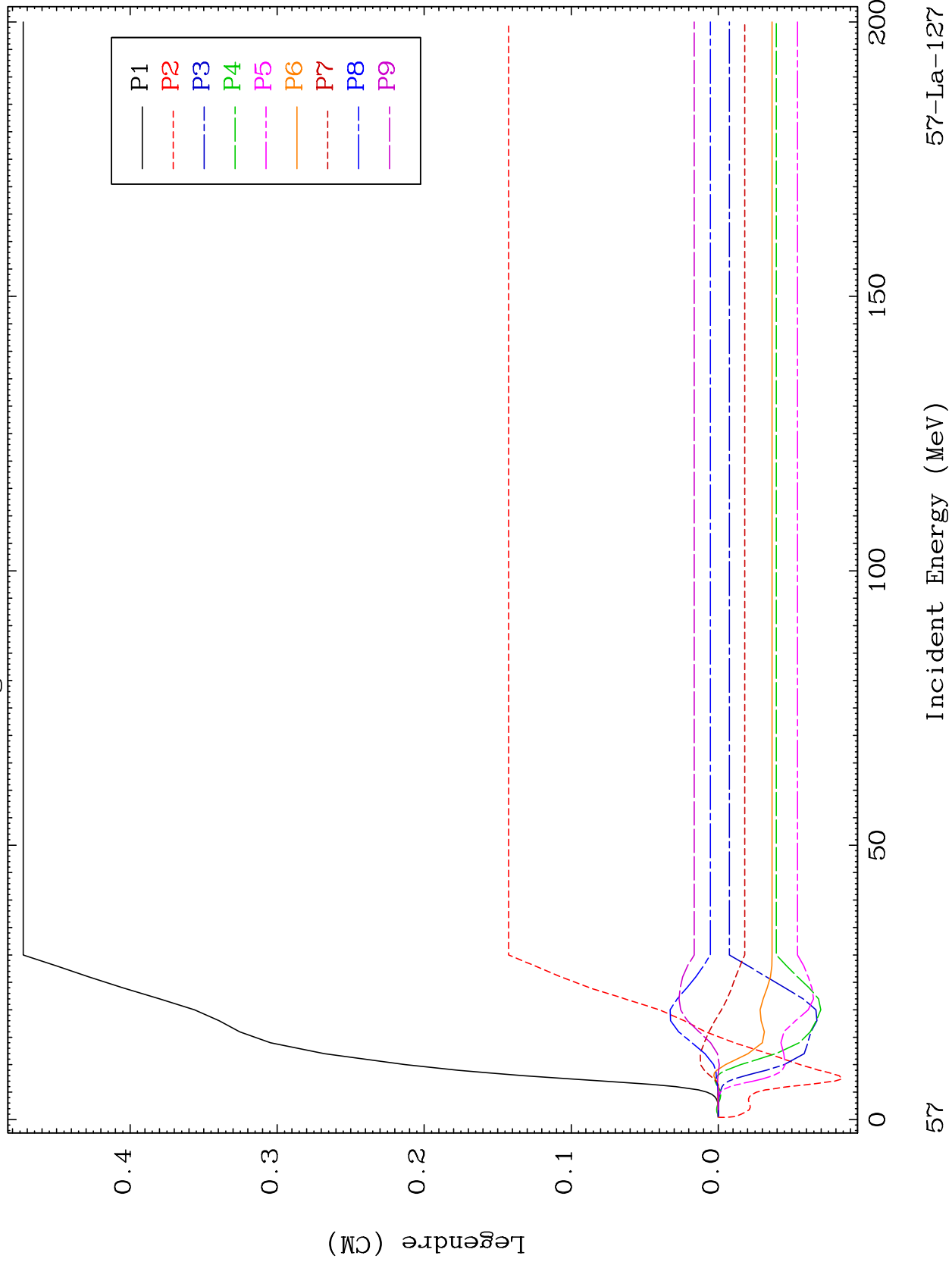
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



57-La-127

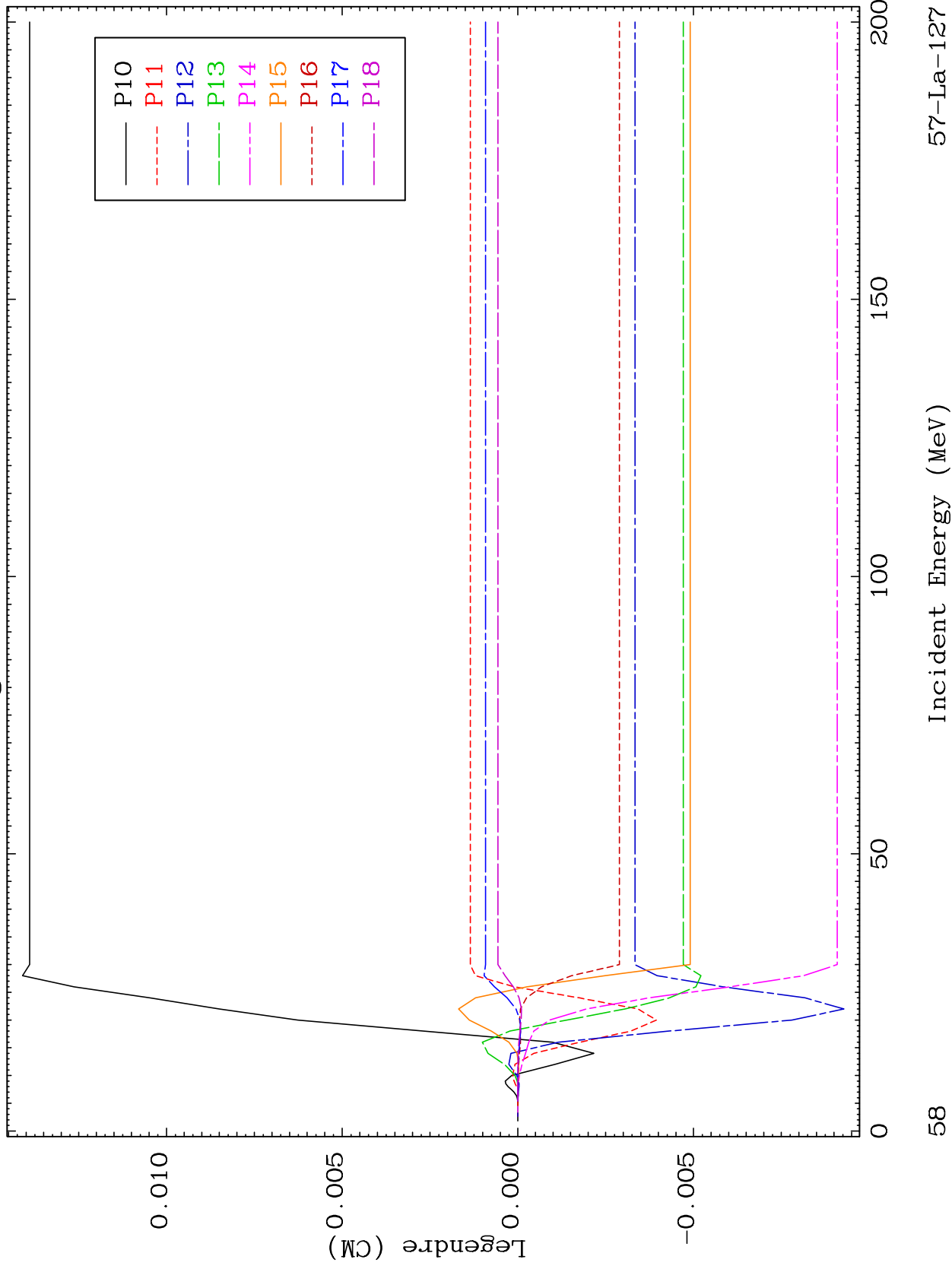
Incident Energy (MeV)

57

MAT 5692

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

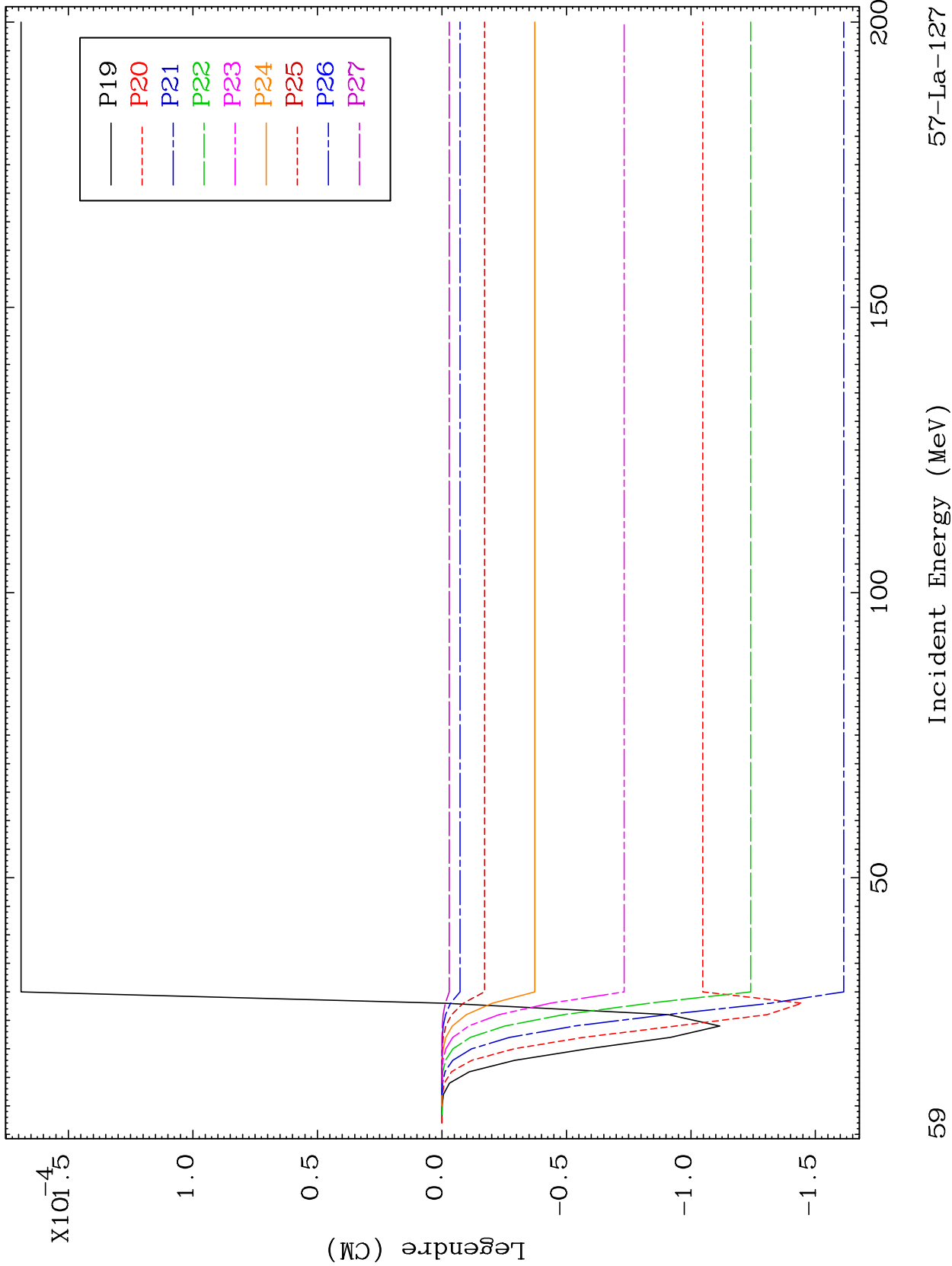
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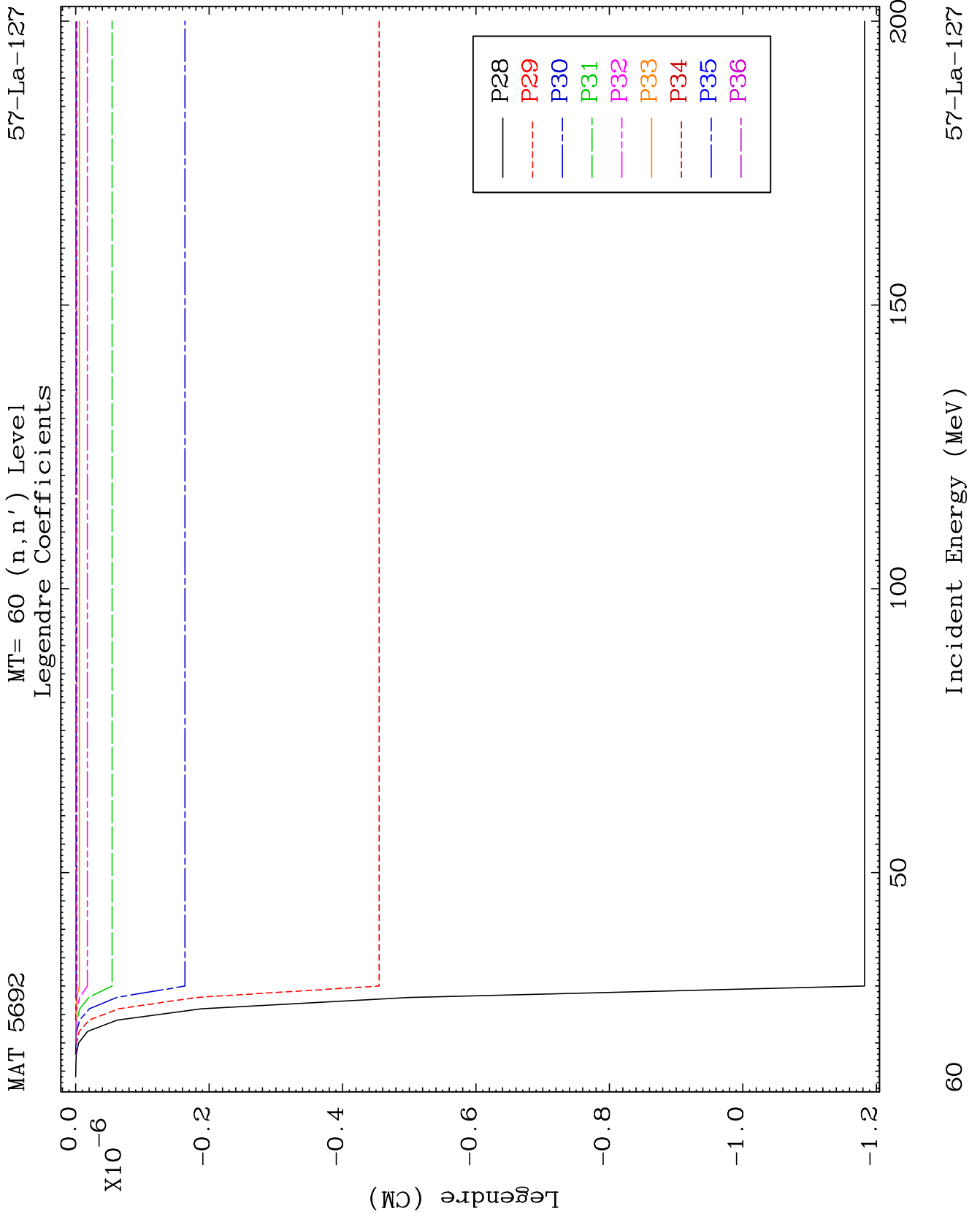


58

Incident Energy (MeV)

57-La-127

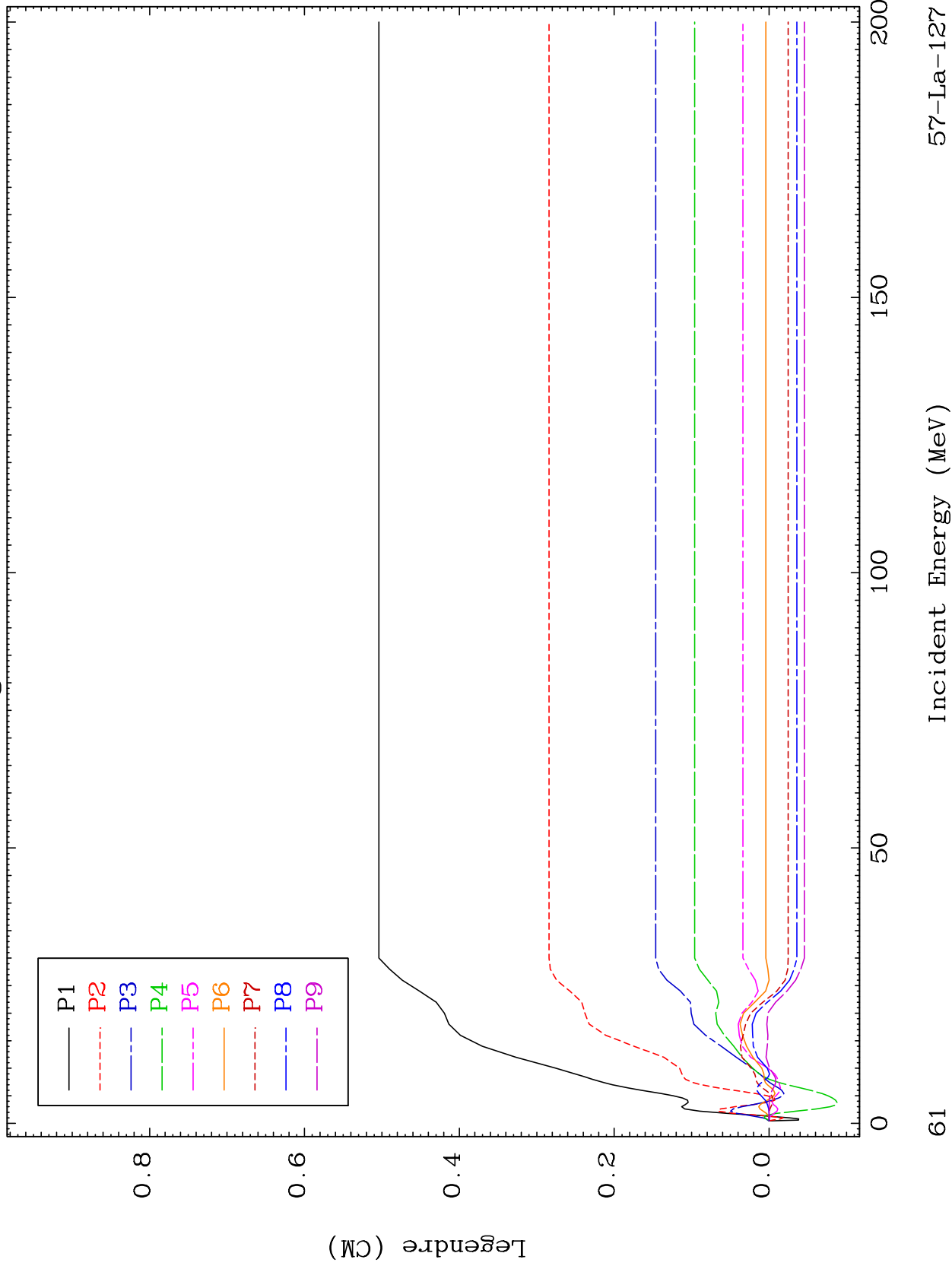




MAT 5692

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

57-La-127



57-La-127

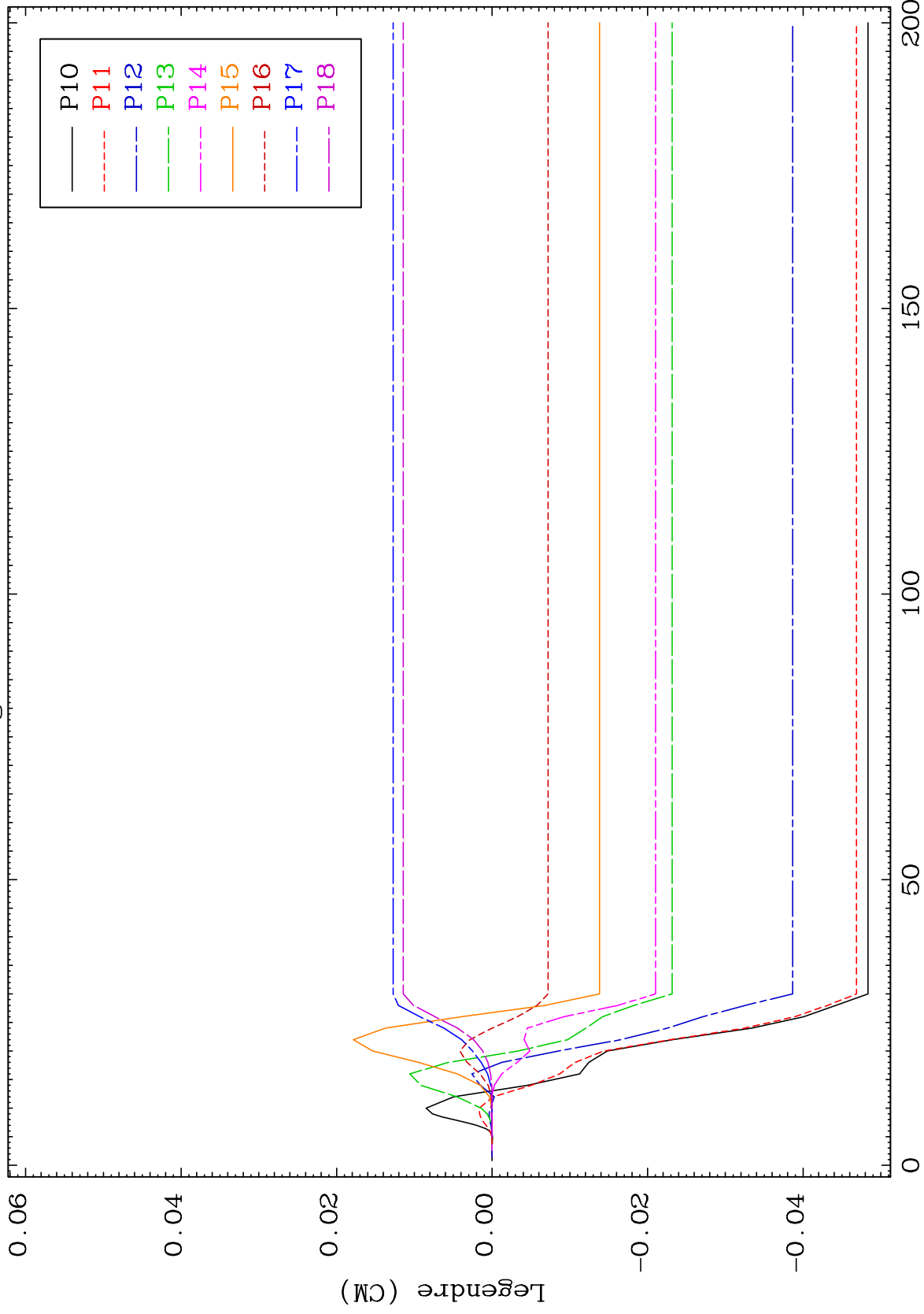
Incident Energy (MeV)

61

MAT 5692

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

57-La-127



62

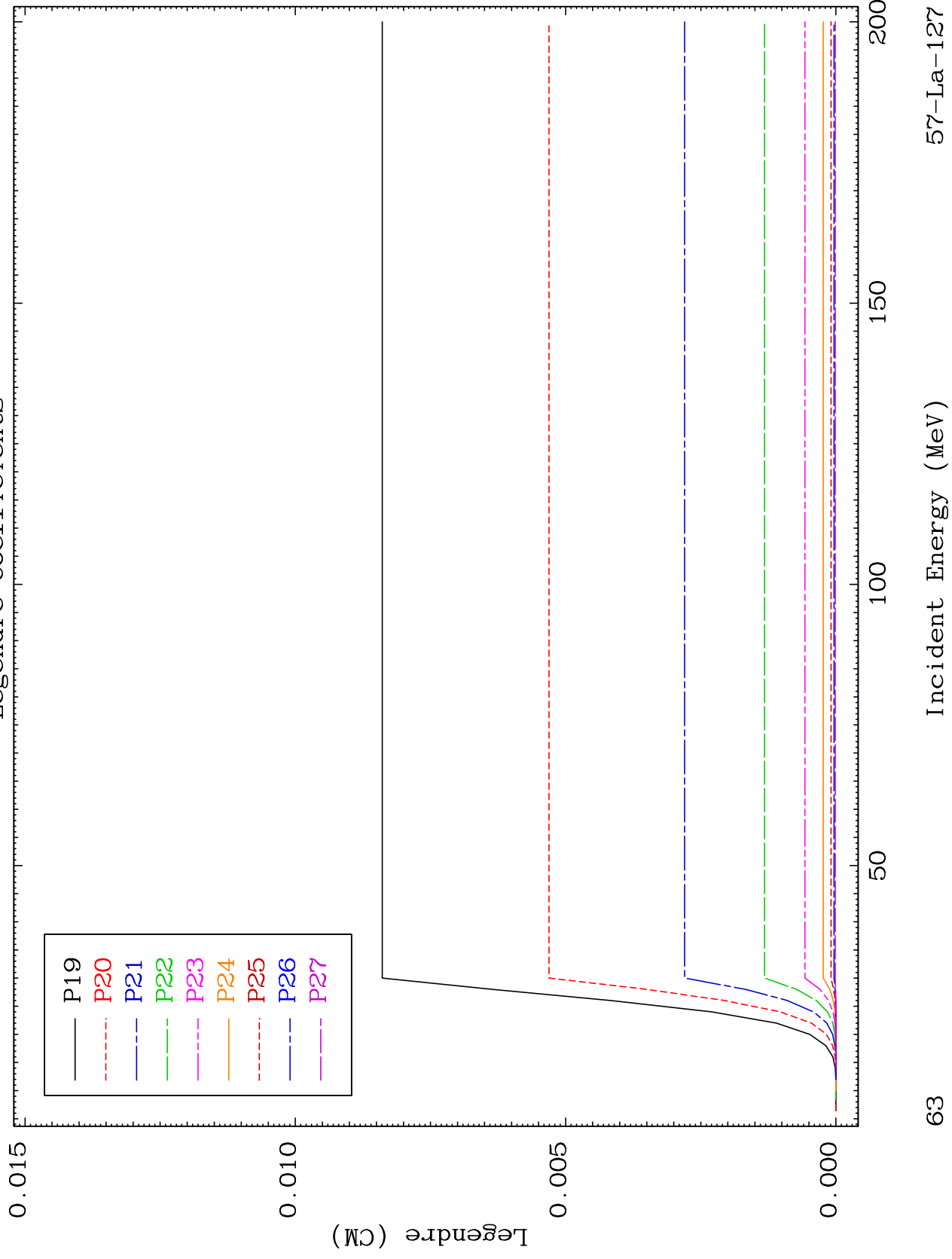
Incident Energy (MeV)

57-La-127

MAT 5692

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

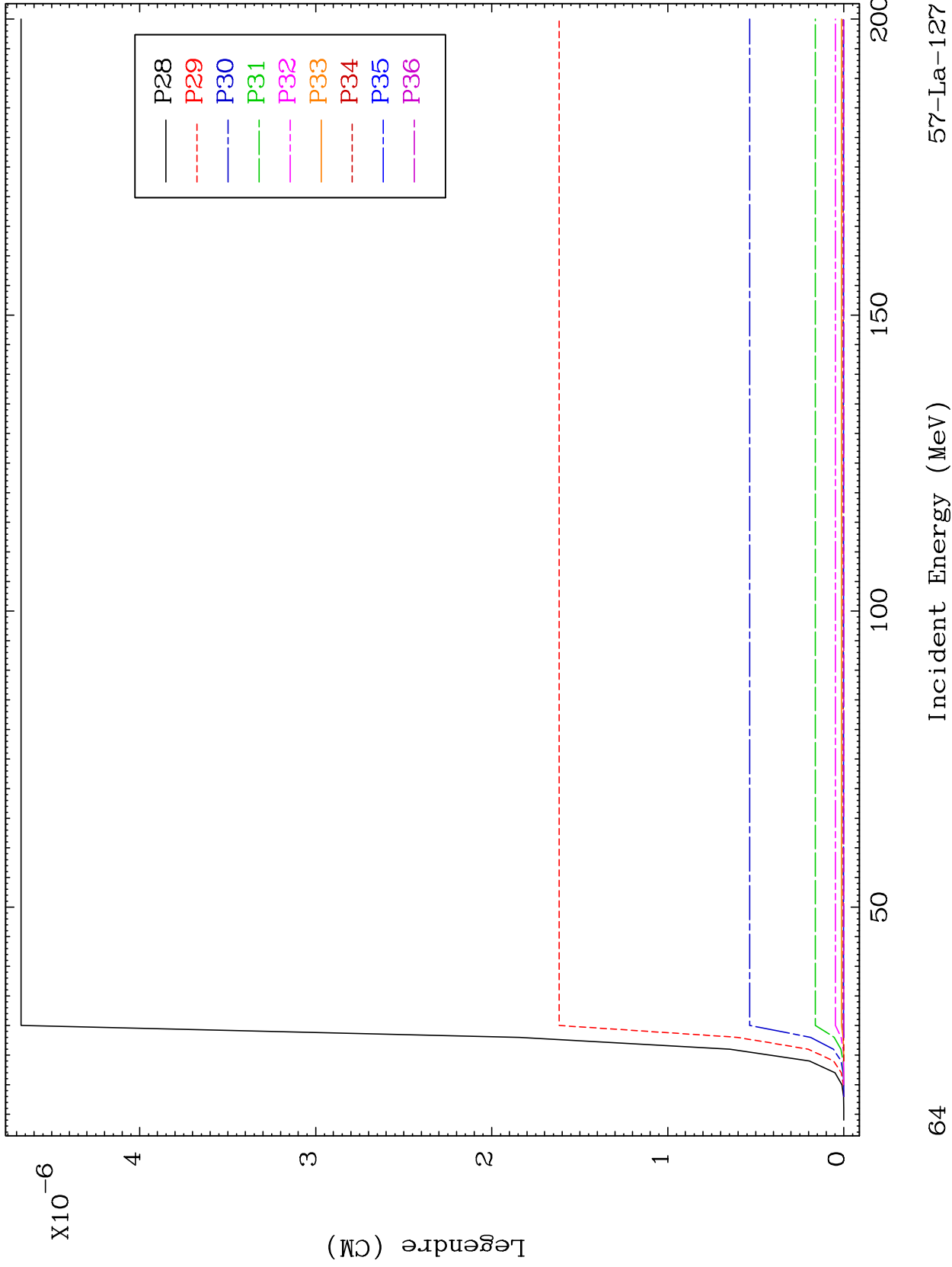
57-La-127



MAT 5692

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

57-La-127



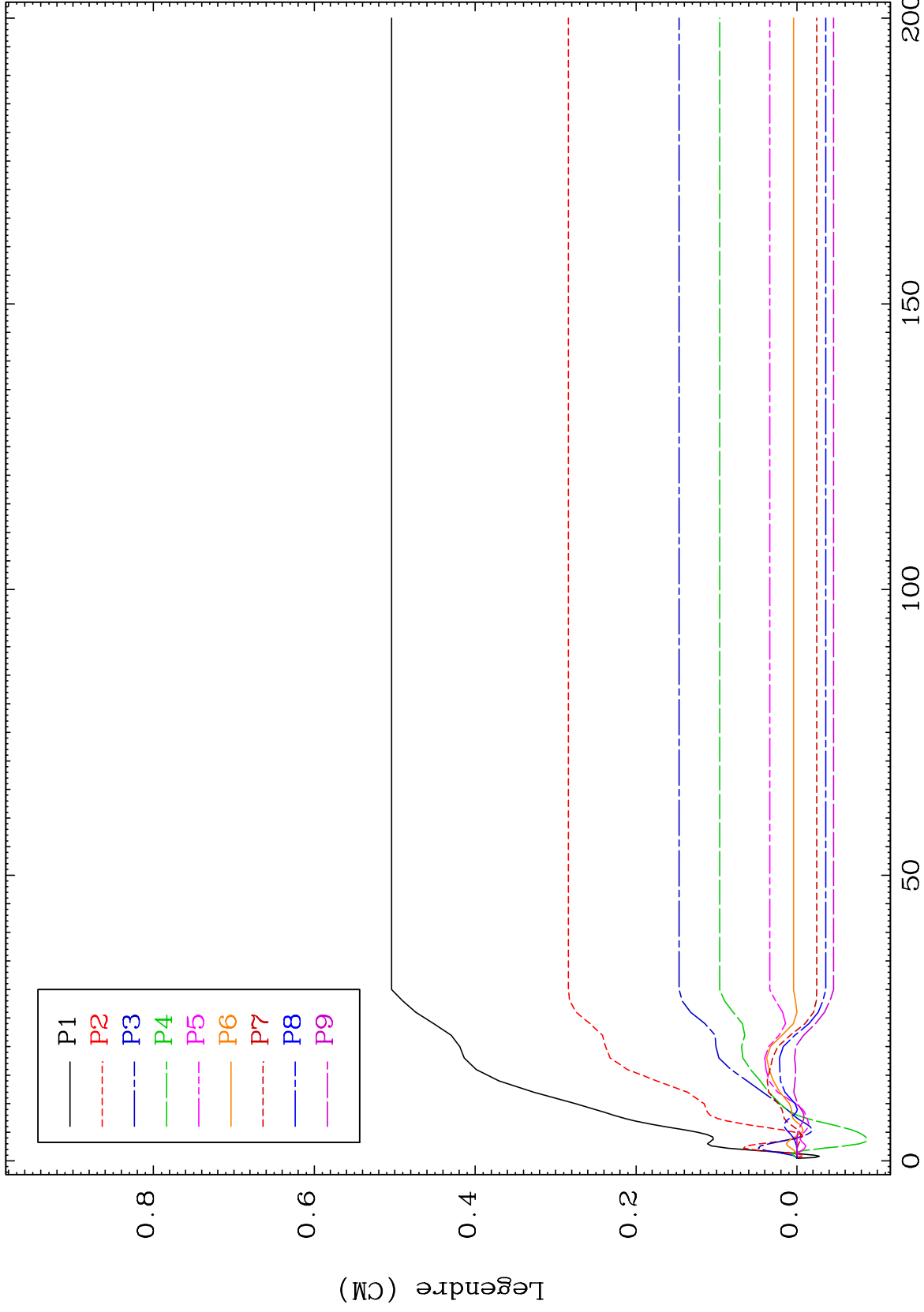
64

57-La-127

MAT 5692

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

57-La-127



65

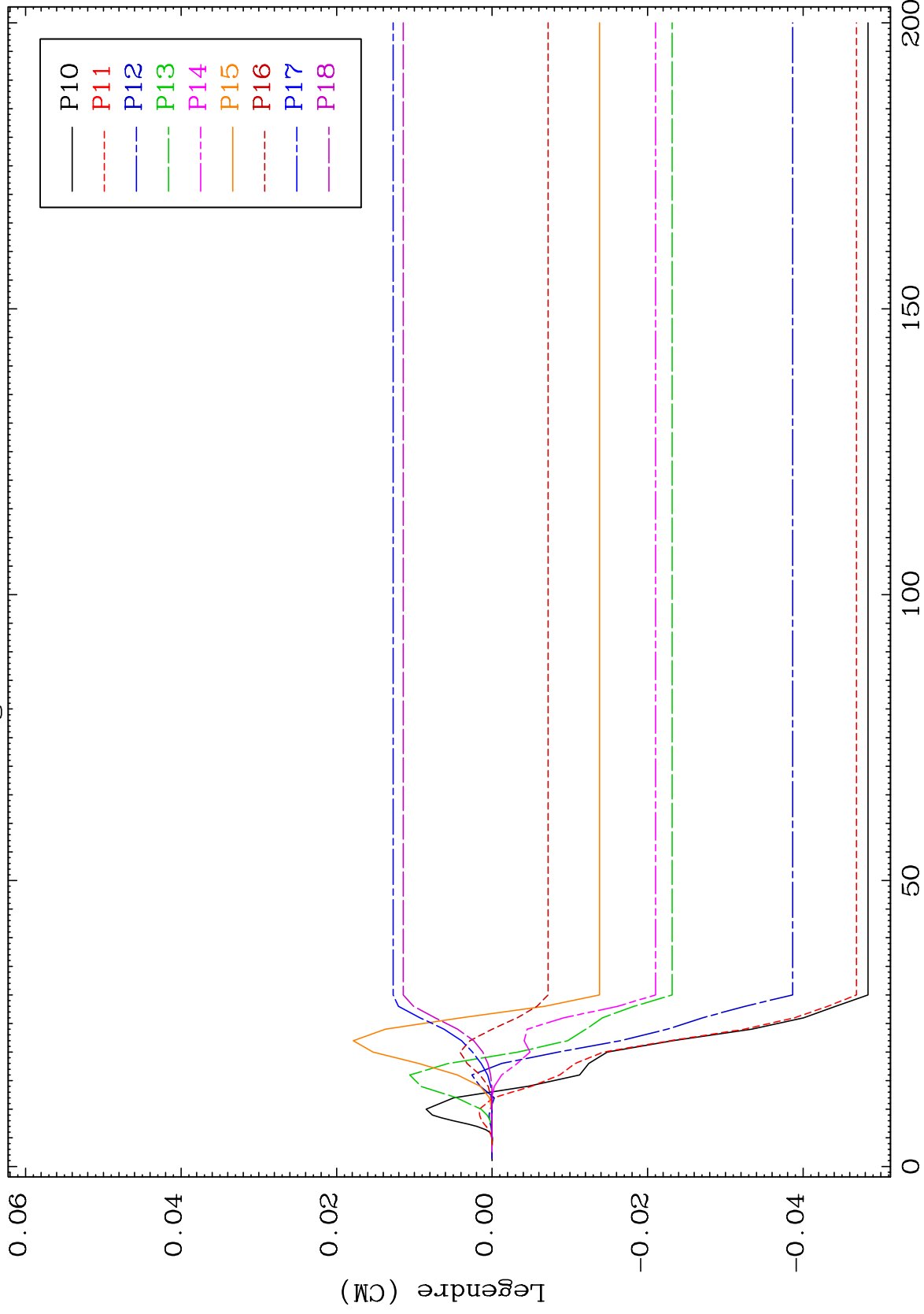
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



66

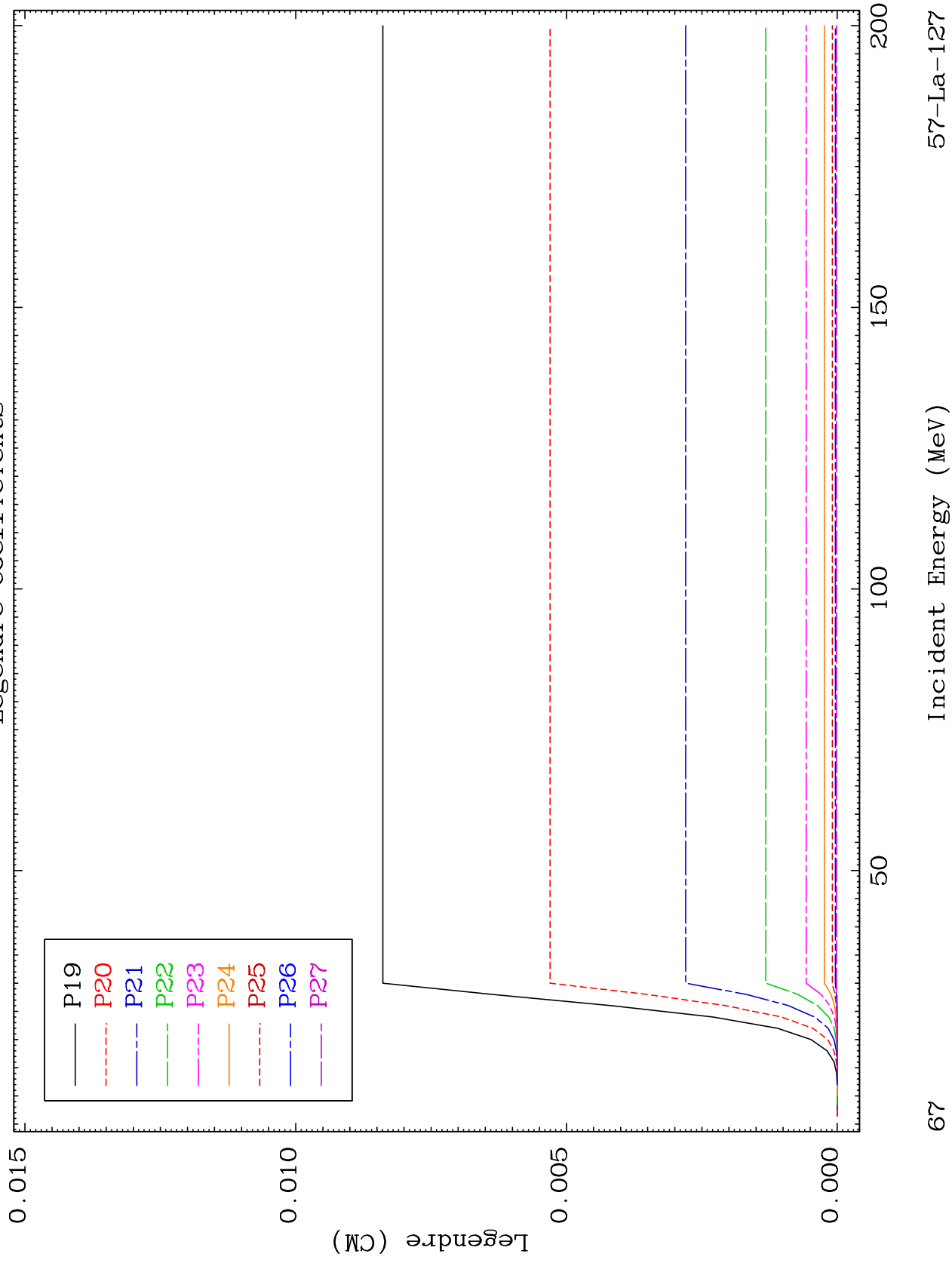
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



67

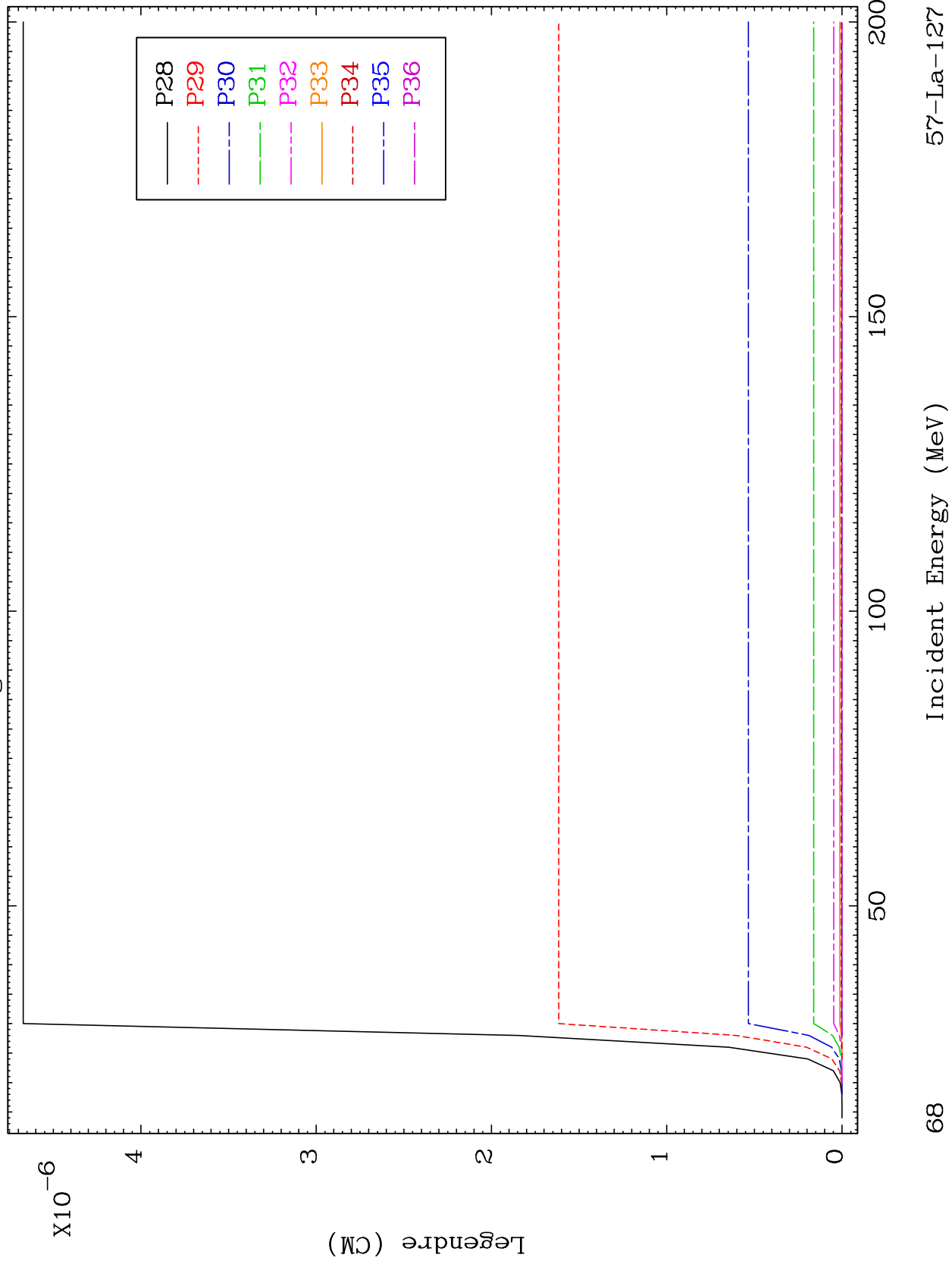
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



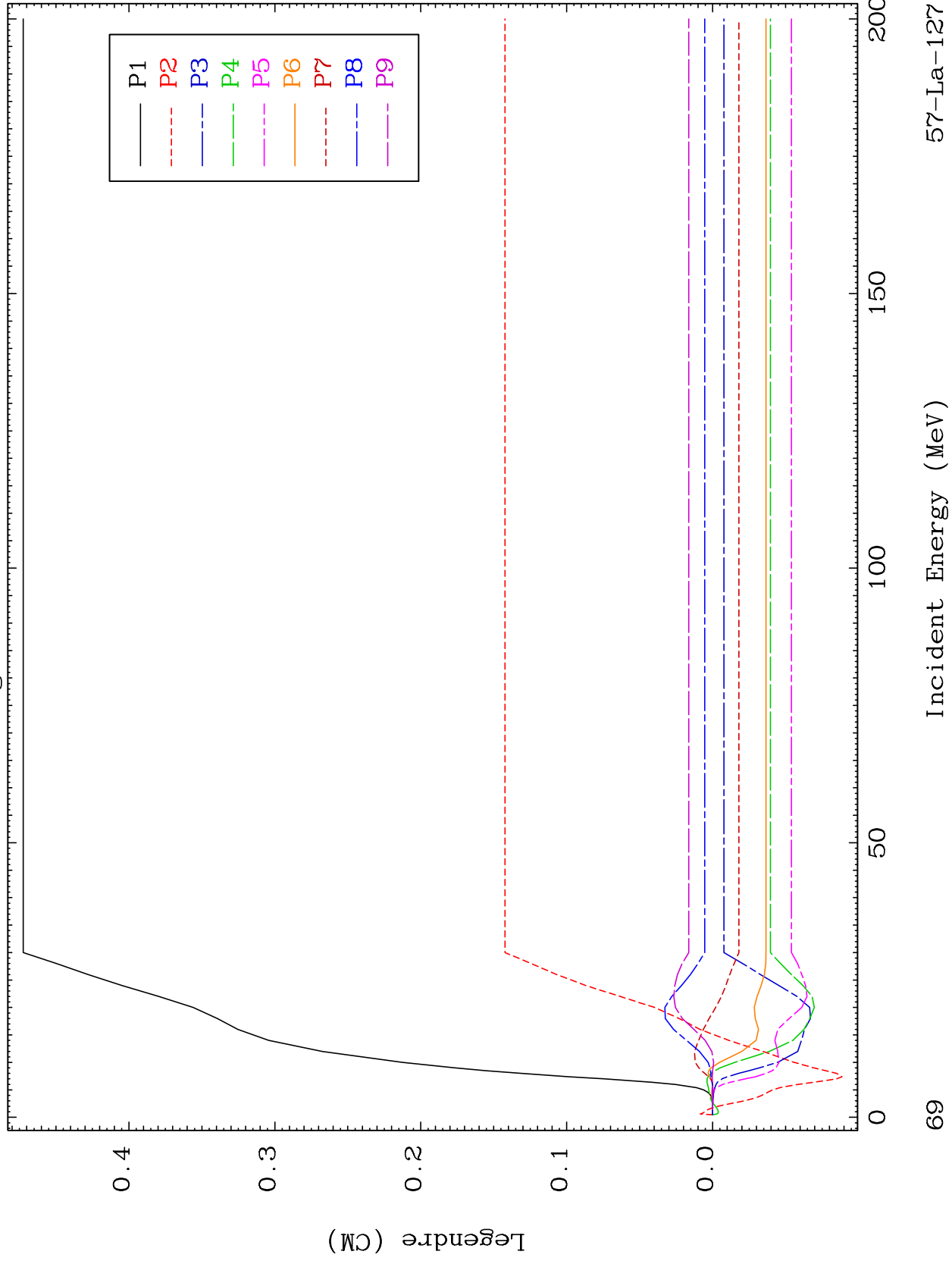
68

57-La-127

MAT 5692

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

57-La-127



57-La-127

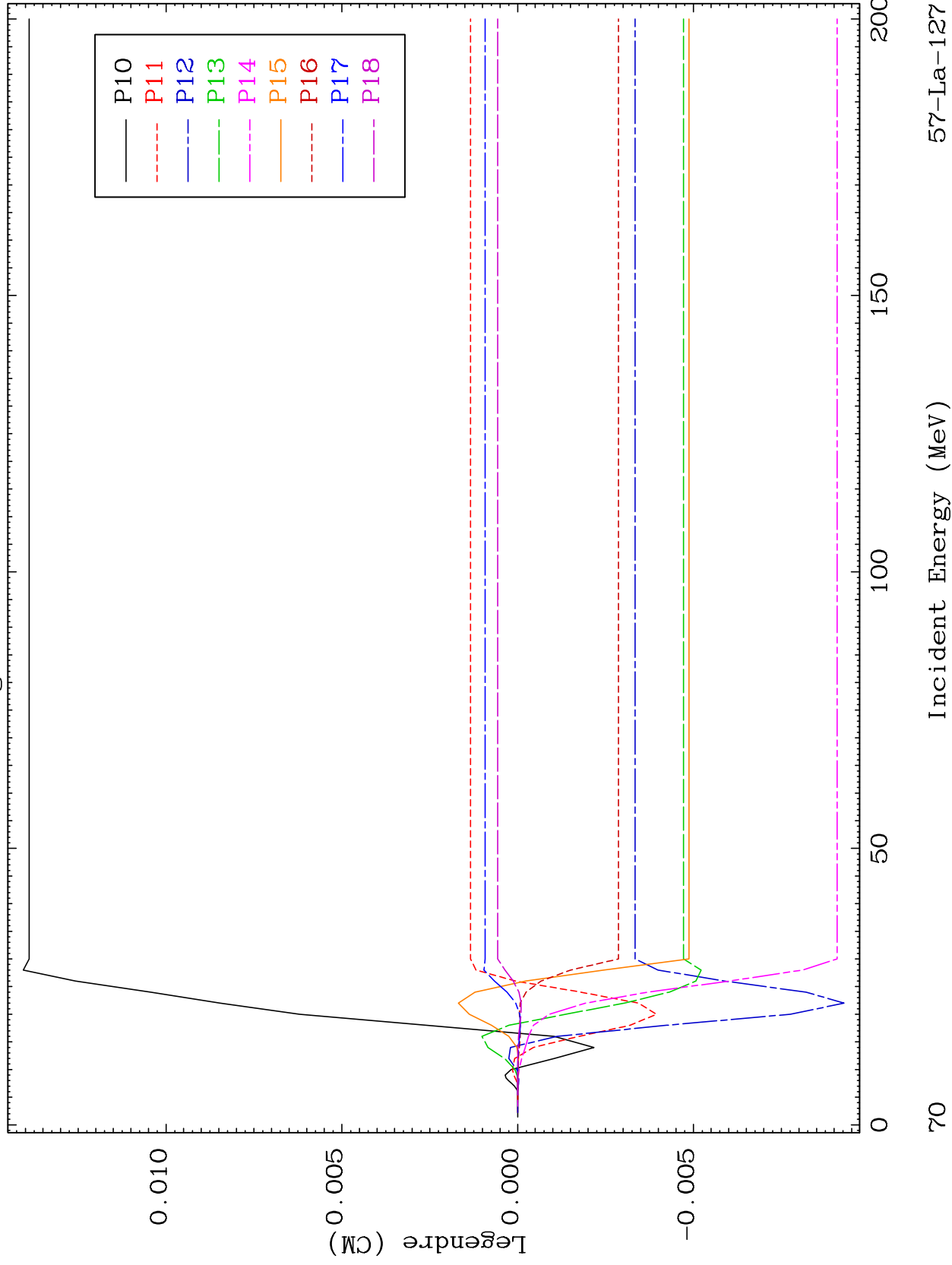
Incident Energy (MeV)

69

MAT 5692

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

57-La-127



57-La-127

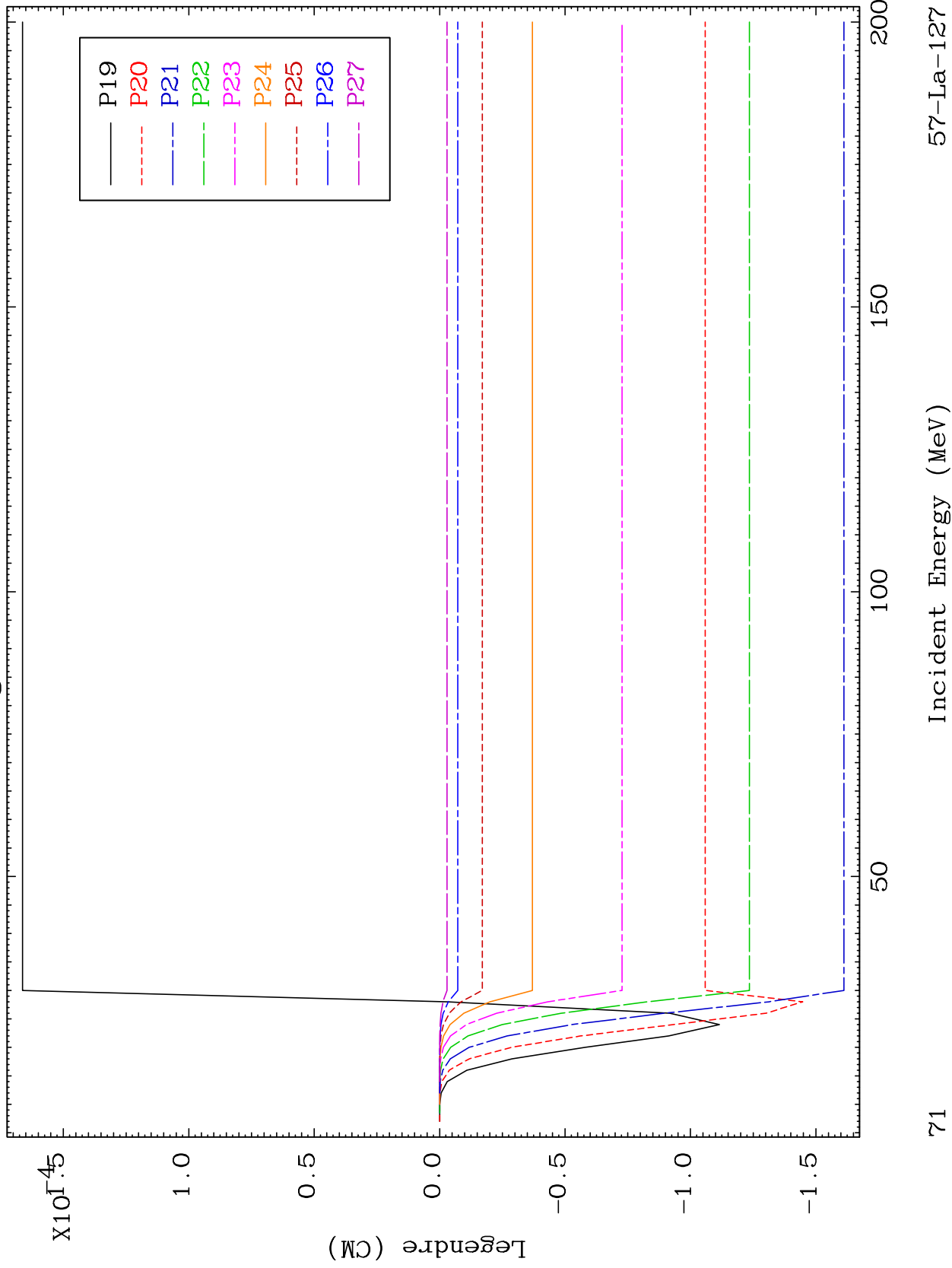
Incident Energy (MeV)

70

MAT 5692

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

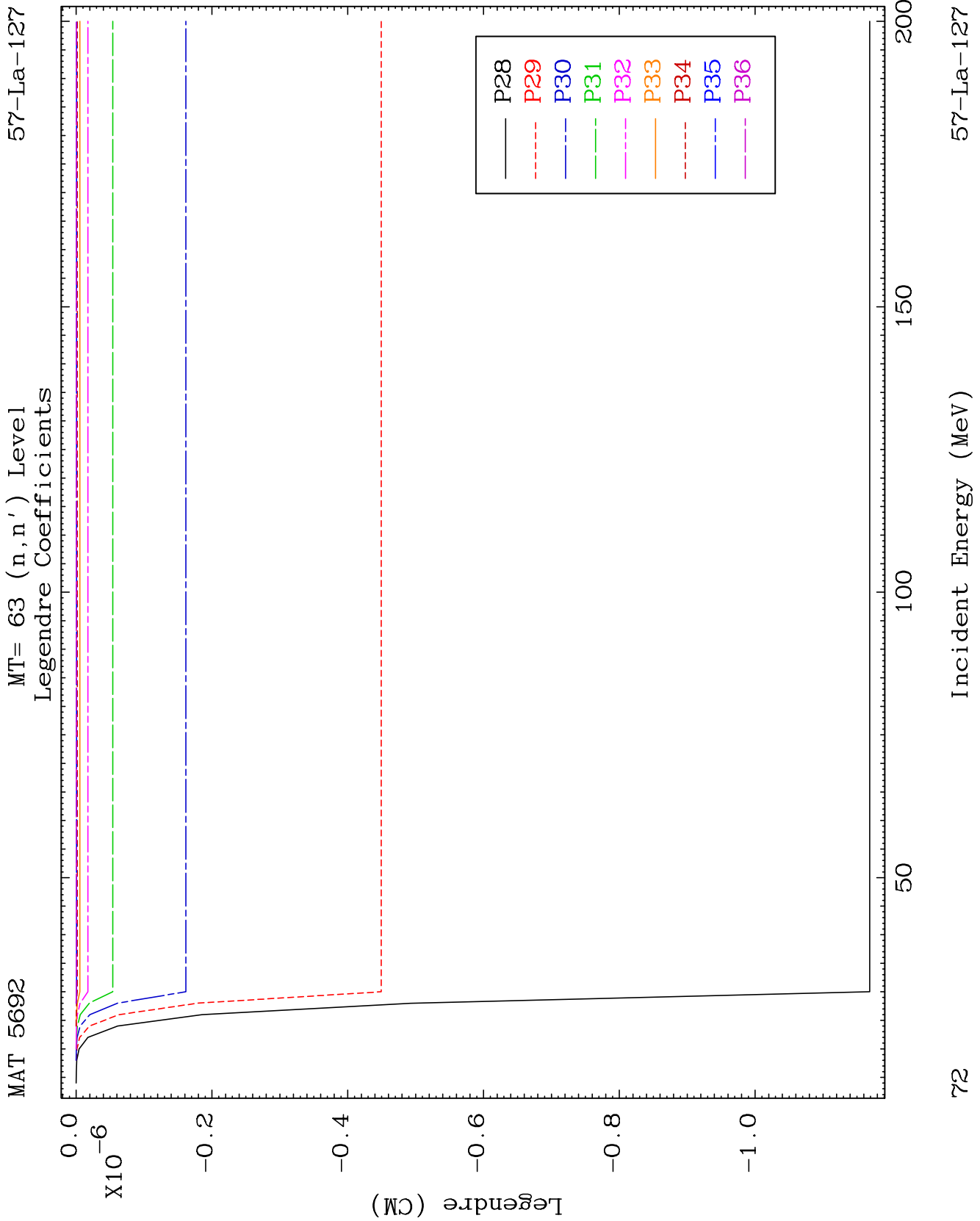
57-La-127



71

Incident Energy (MeV)

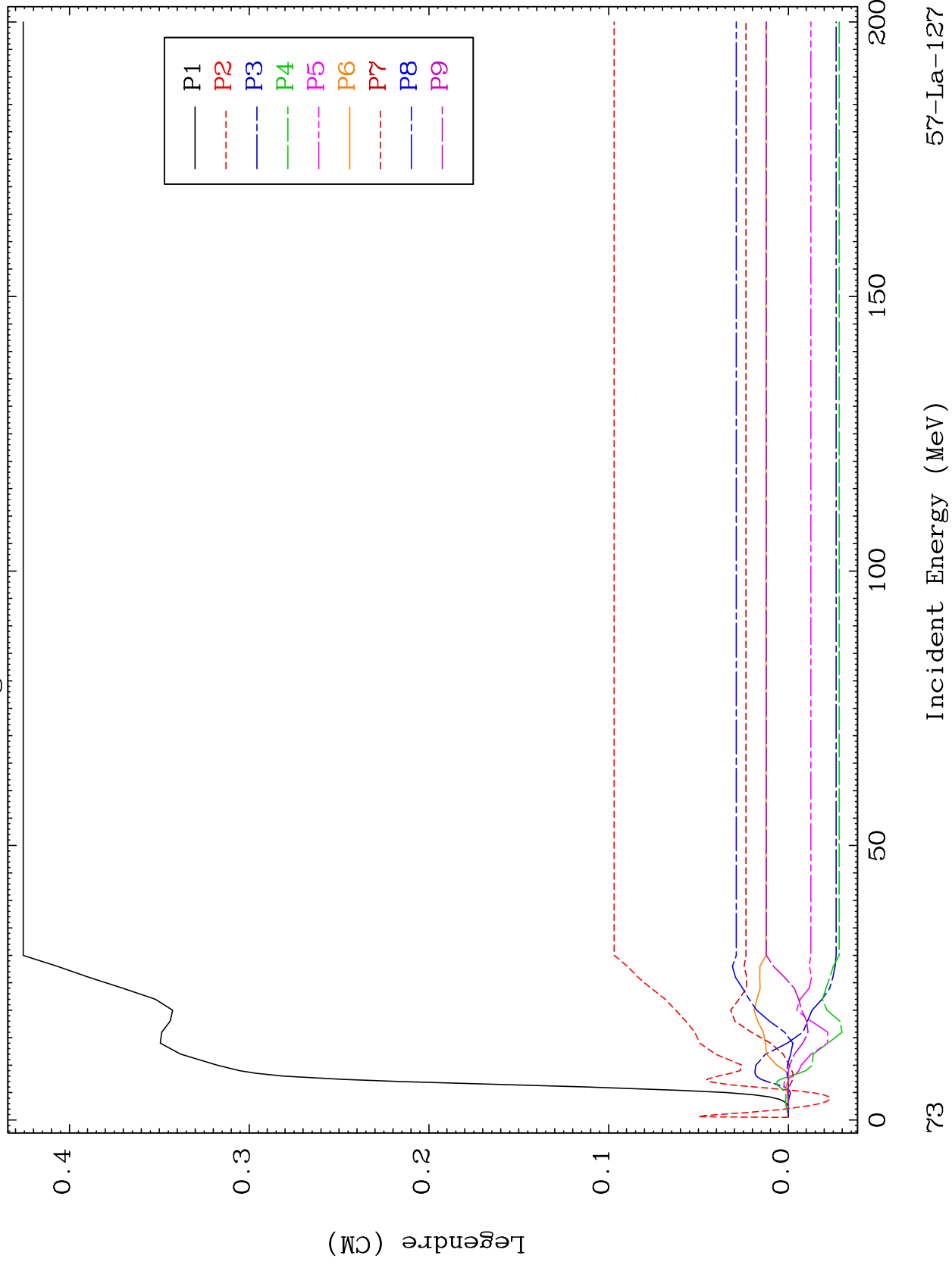
57-La-127



MAT 5692

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

57-La-127



57-La-127

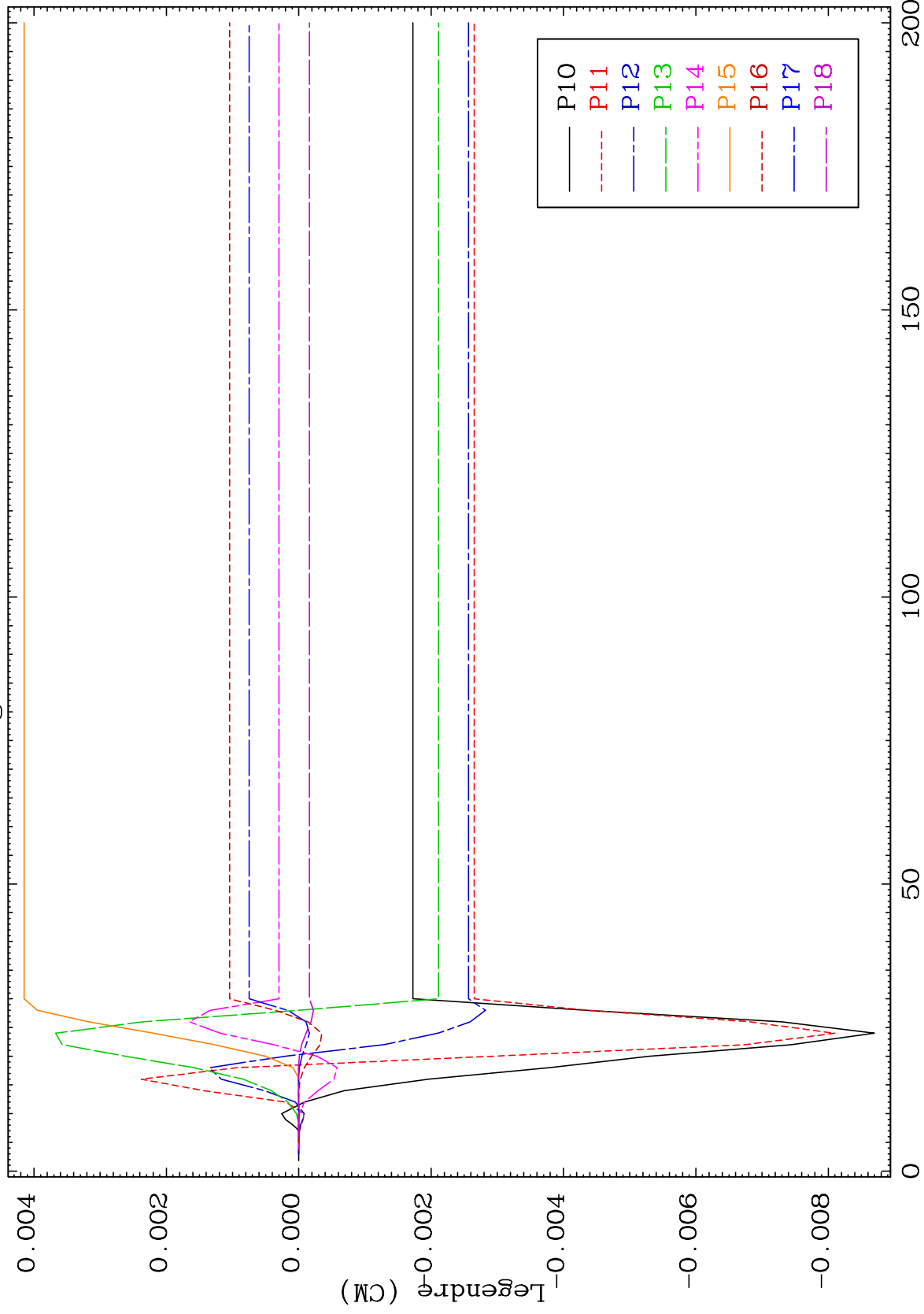
Incident Energy (MeV)

73

MAT 5692

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

57-La-127



74

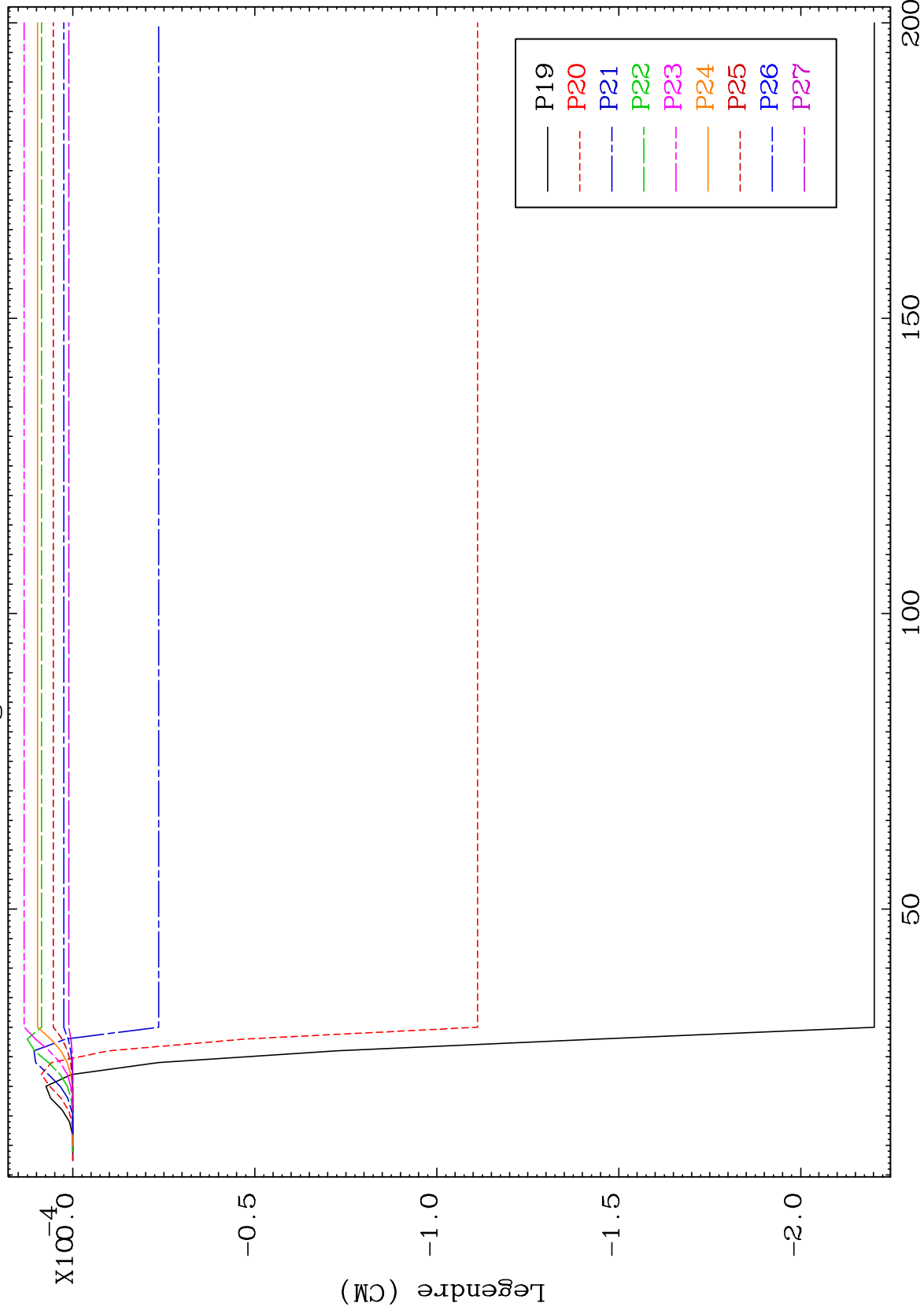
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



75

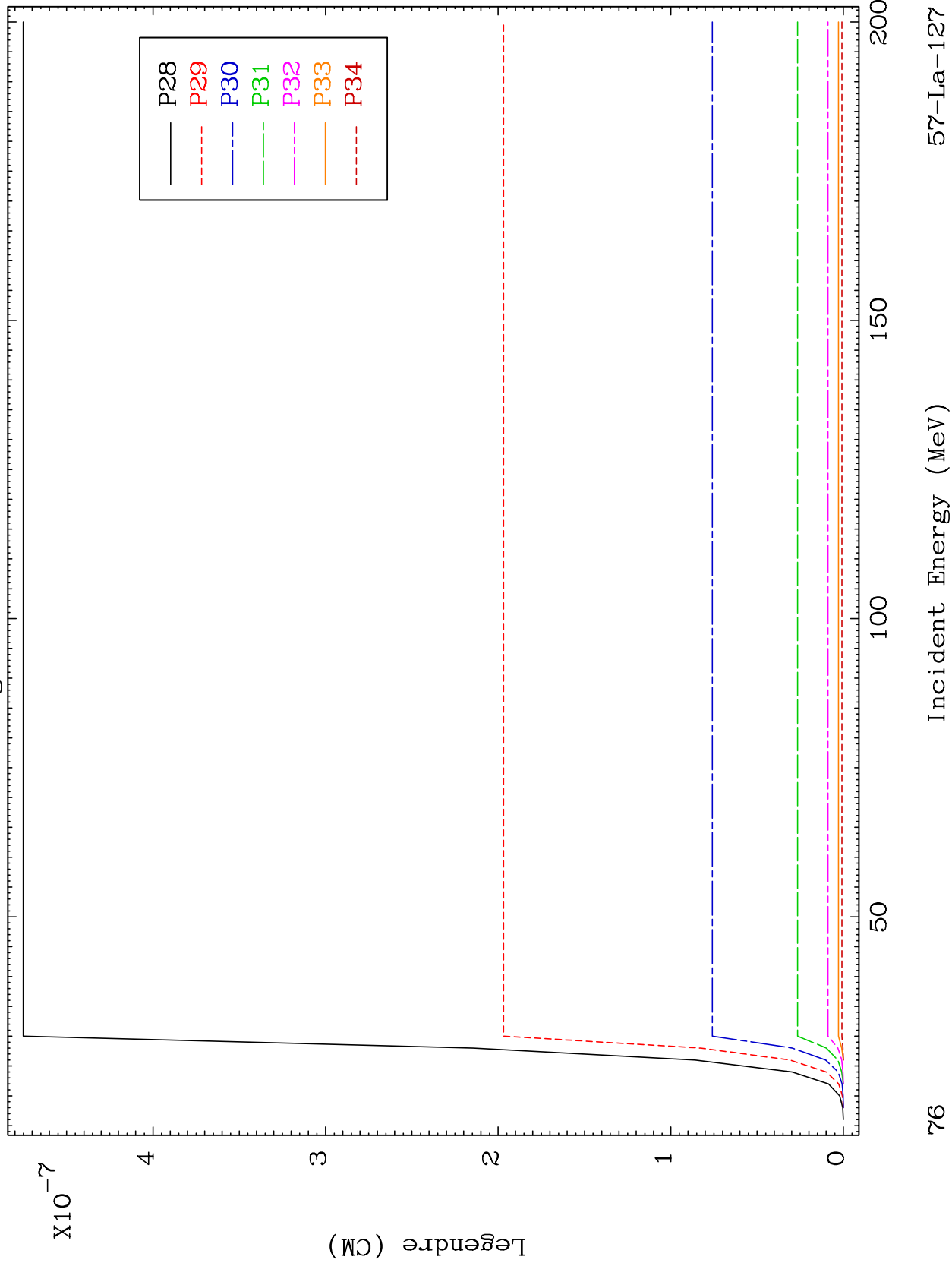
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



76

Incident Energy (MeV)

57-La-127

200

150

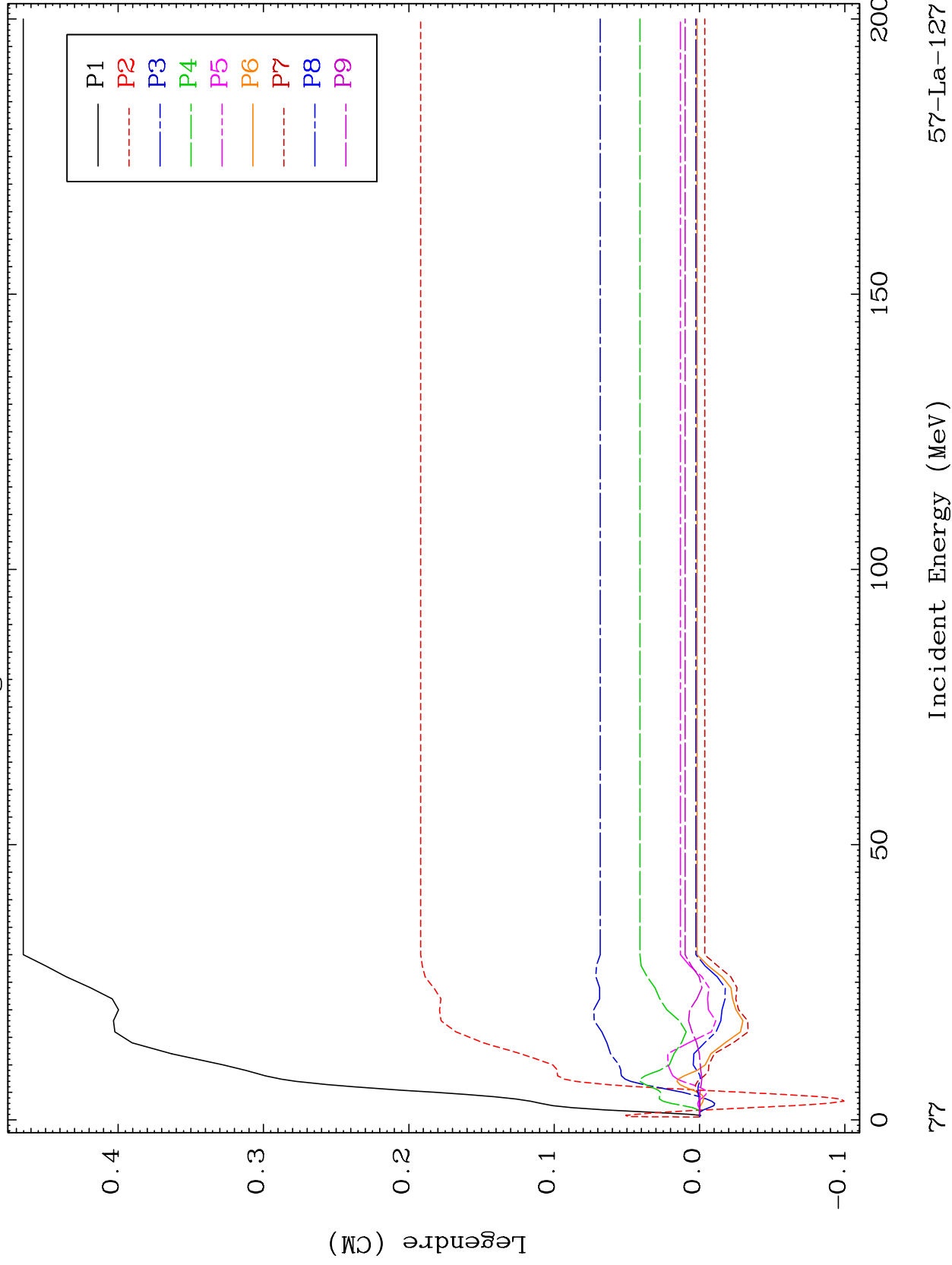
100

50

MAT 5692

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

57-La-127



57-La-127

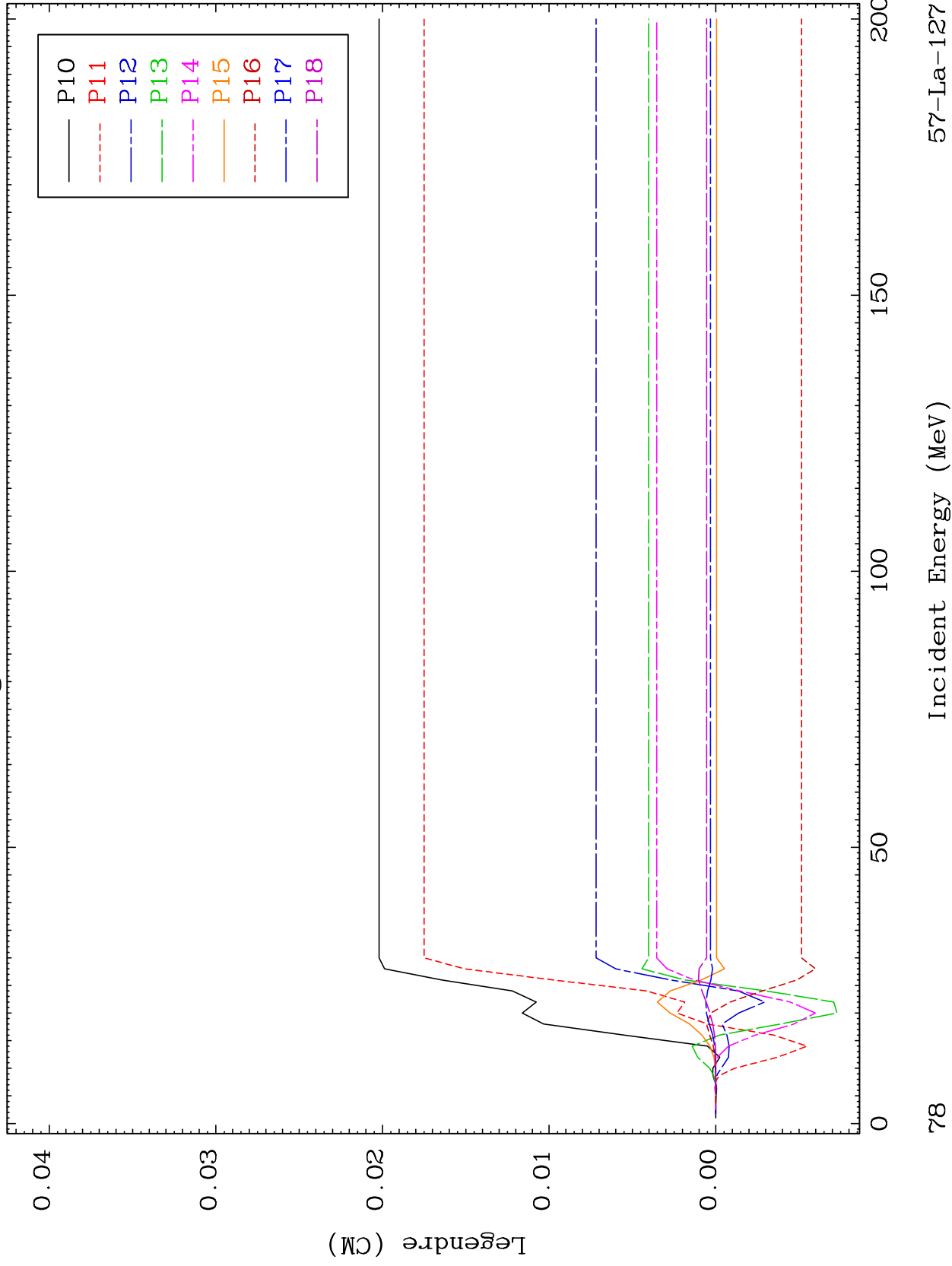
Incident Energy (MeV)

77

MAT 5692

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

57-La-127



57-La-127

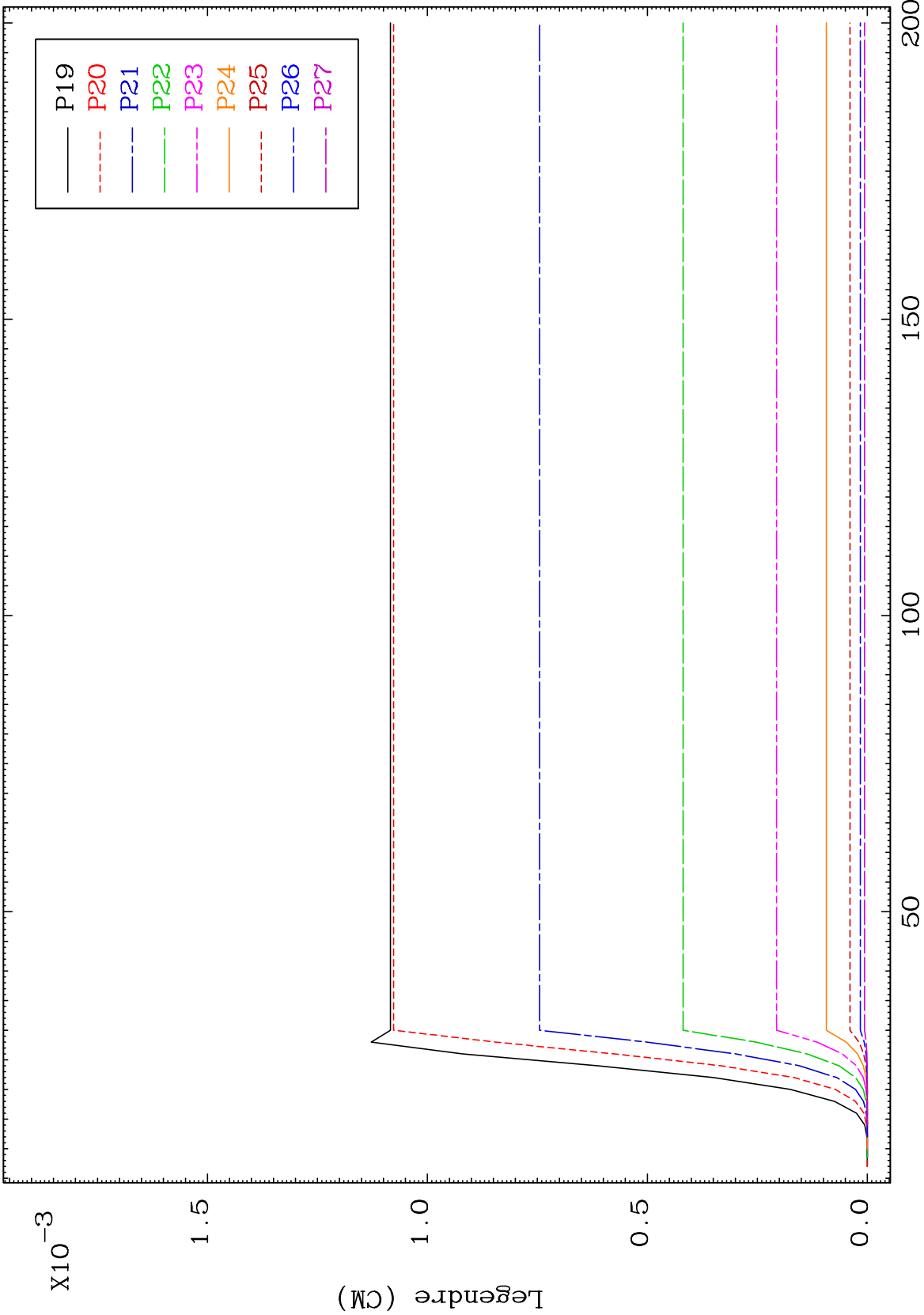
Incident Energy (MeV)

78

MAT 5692

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

57-La-127



79

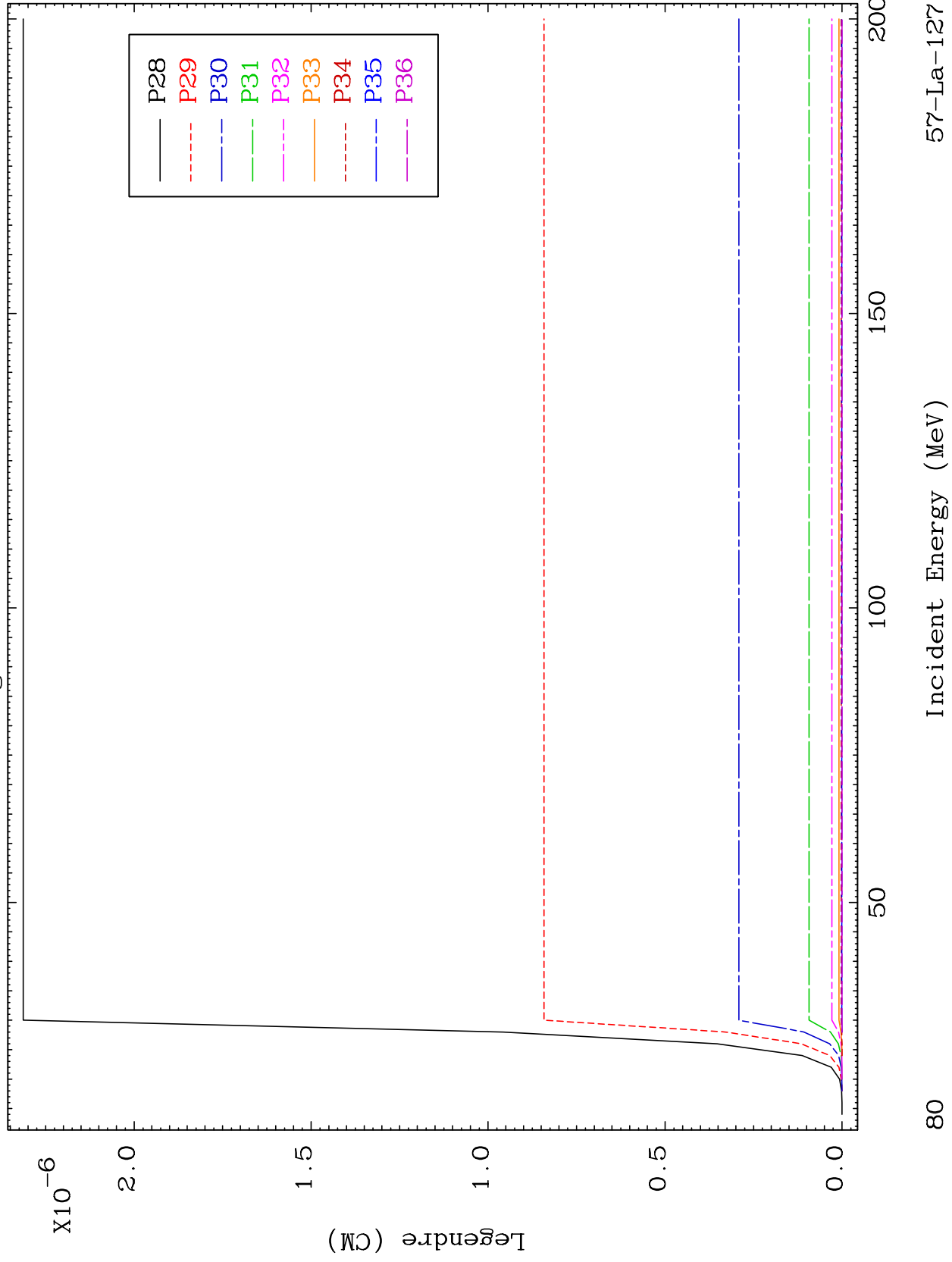
Incident Energy (MeV)

57-La-127

MAT 5692

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

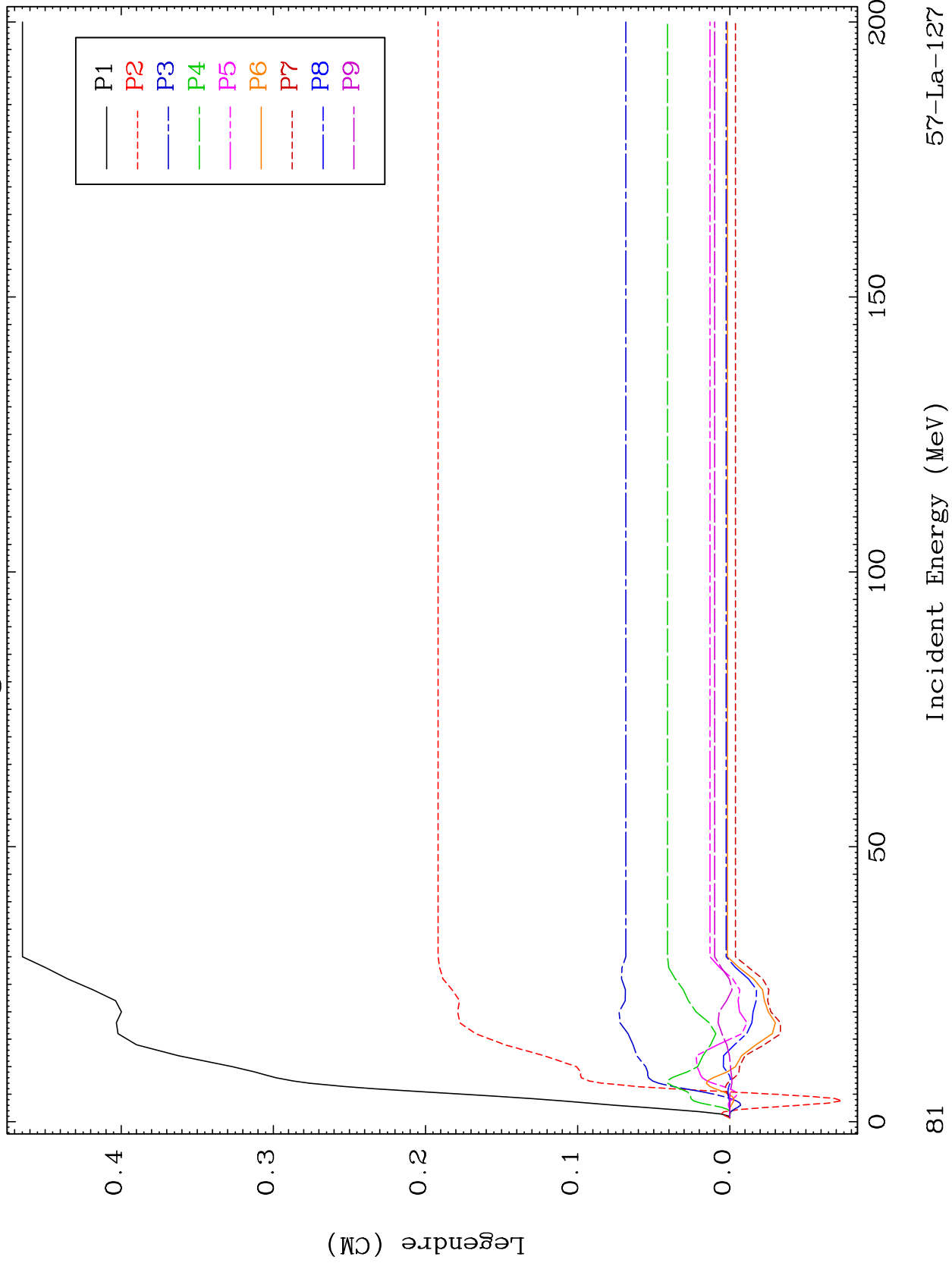
57-La-127



MAT 5692

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

57-La-127



57-La-127

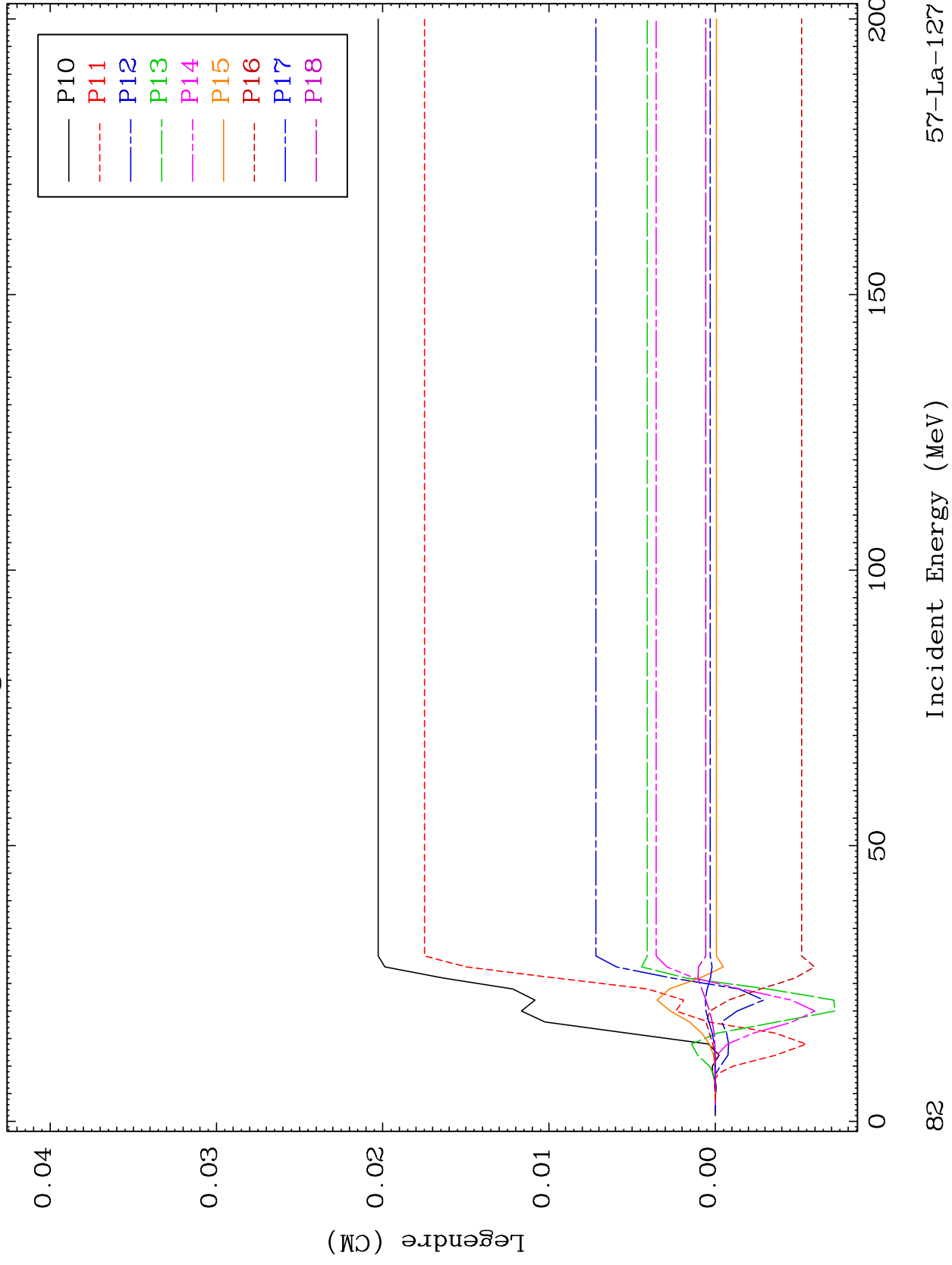
Incident Energy (MeV)

81

MAT 5692

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

57-La-127



57-La-127

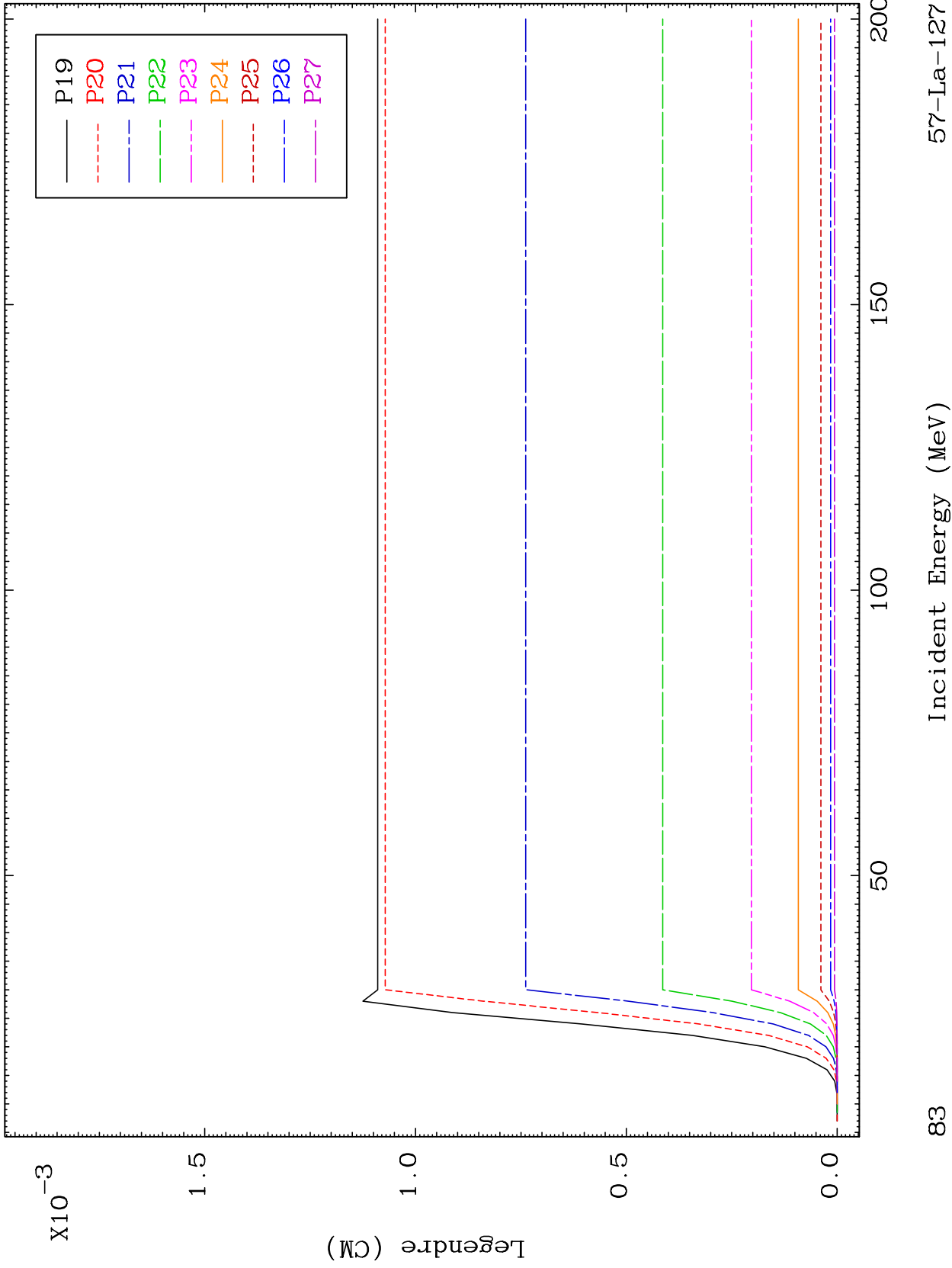
Incident Energy (MeV)

82

MAT 5692

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

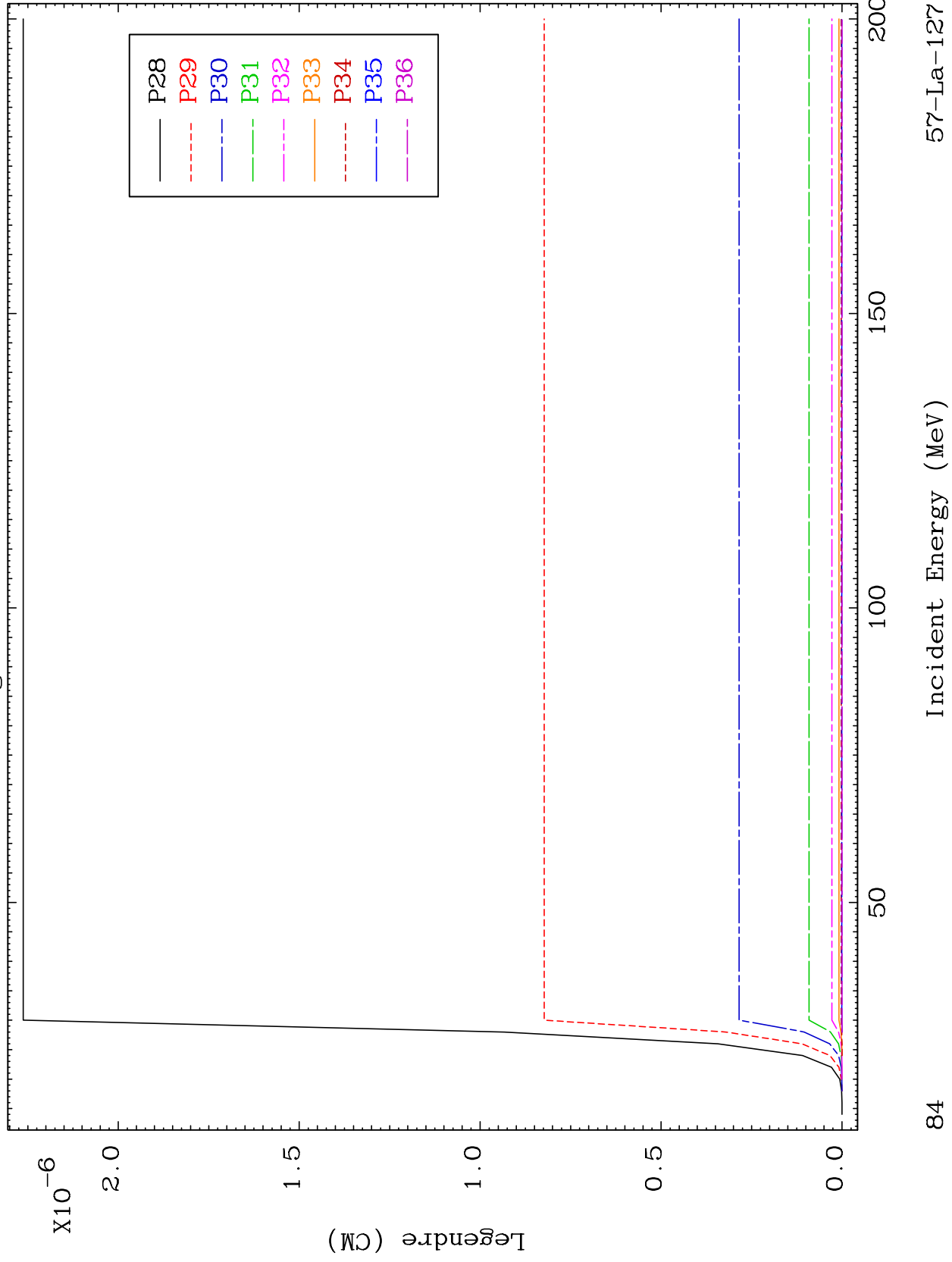
57-La-127



MAT 5692

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

57-La-127



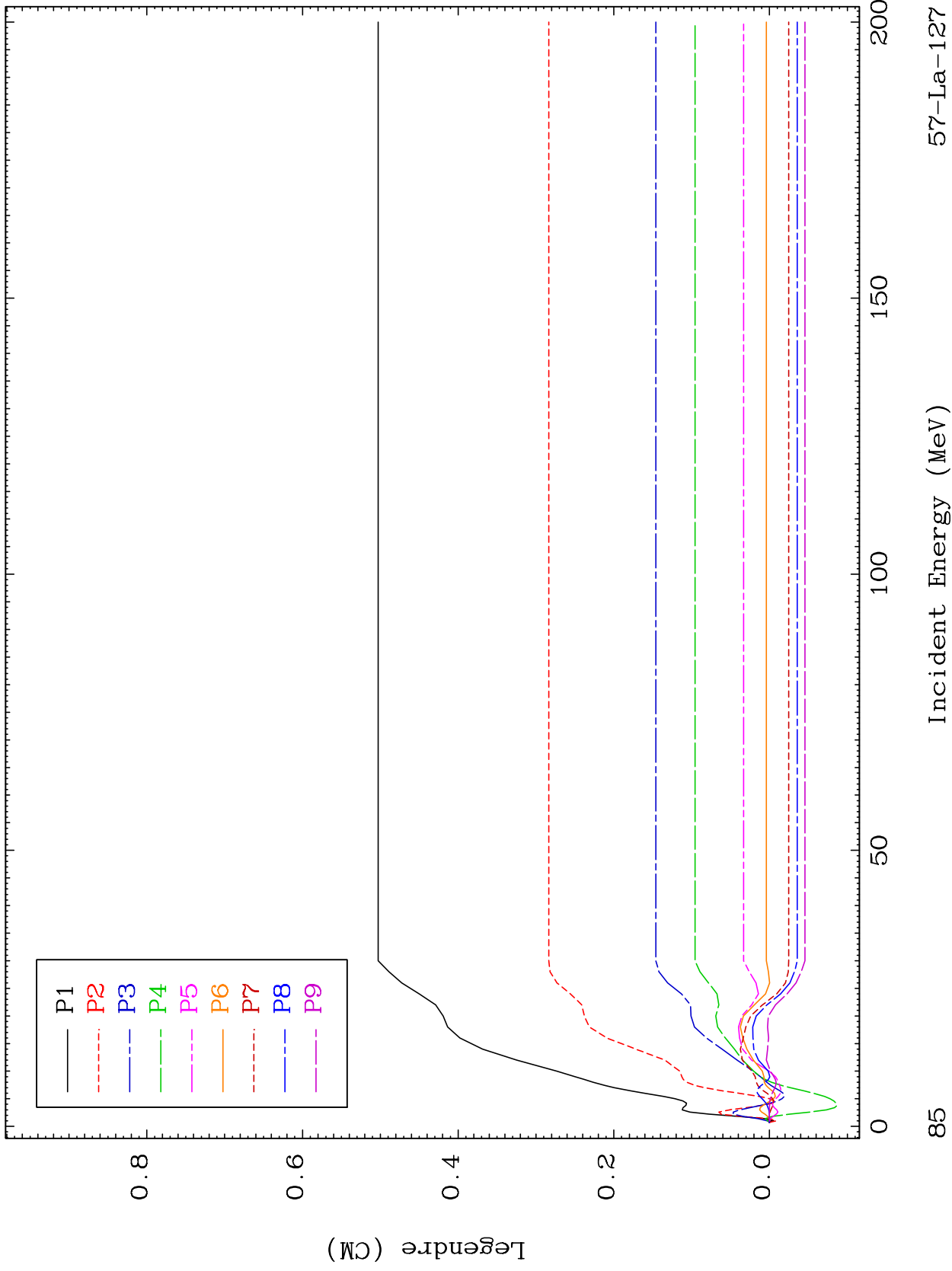
84

57-La-127

MAT 5692

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

57-La-127

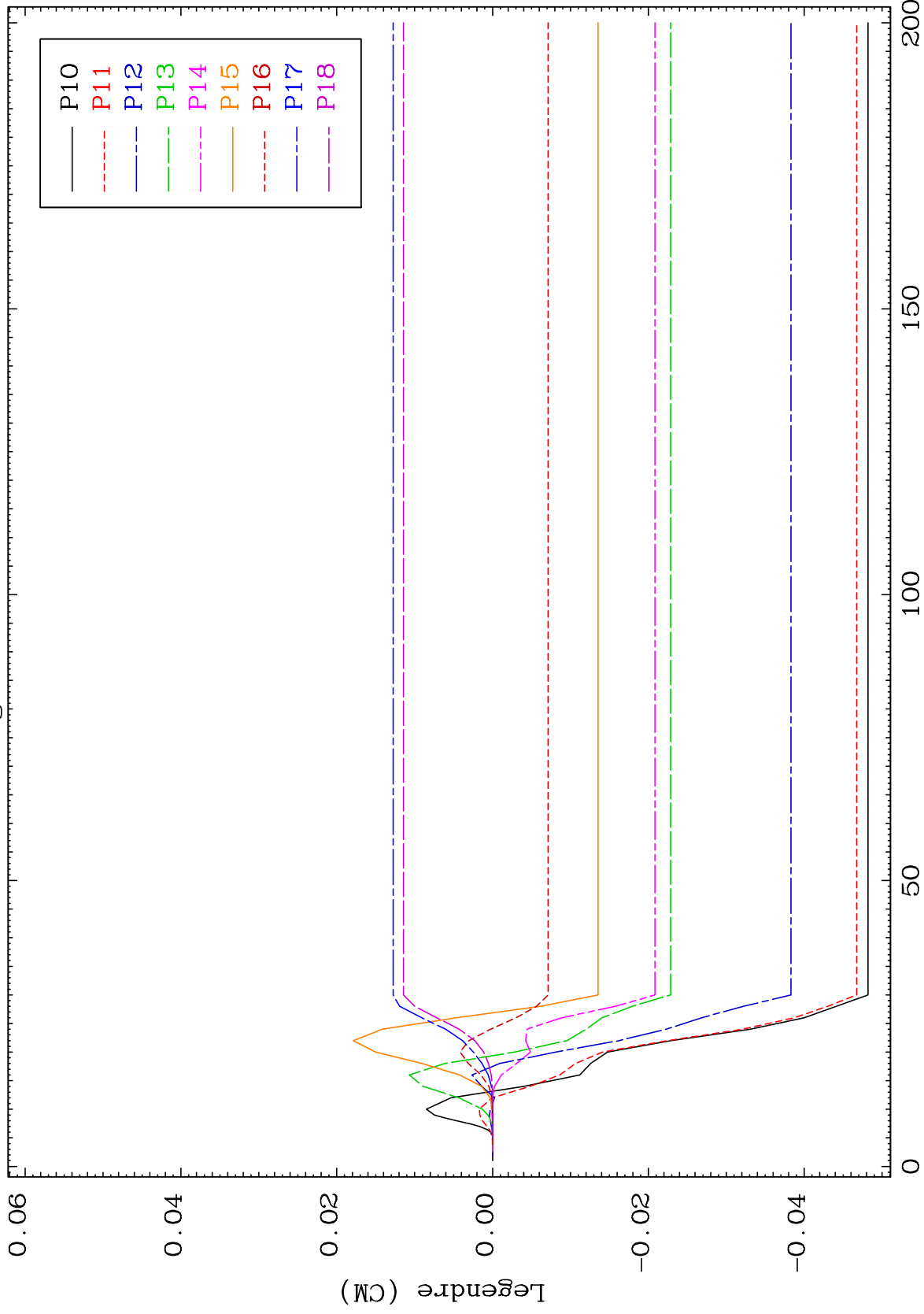


57-La-127

MAT 5692

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

57-La-127



86

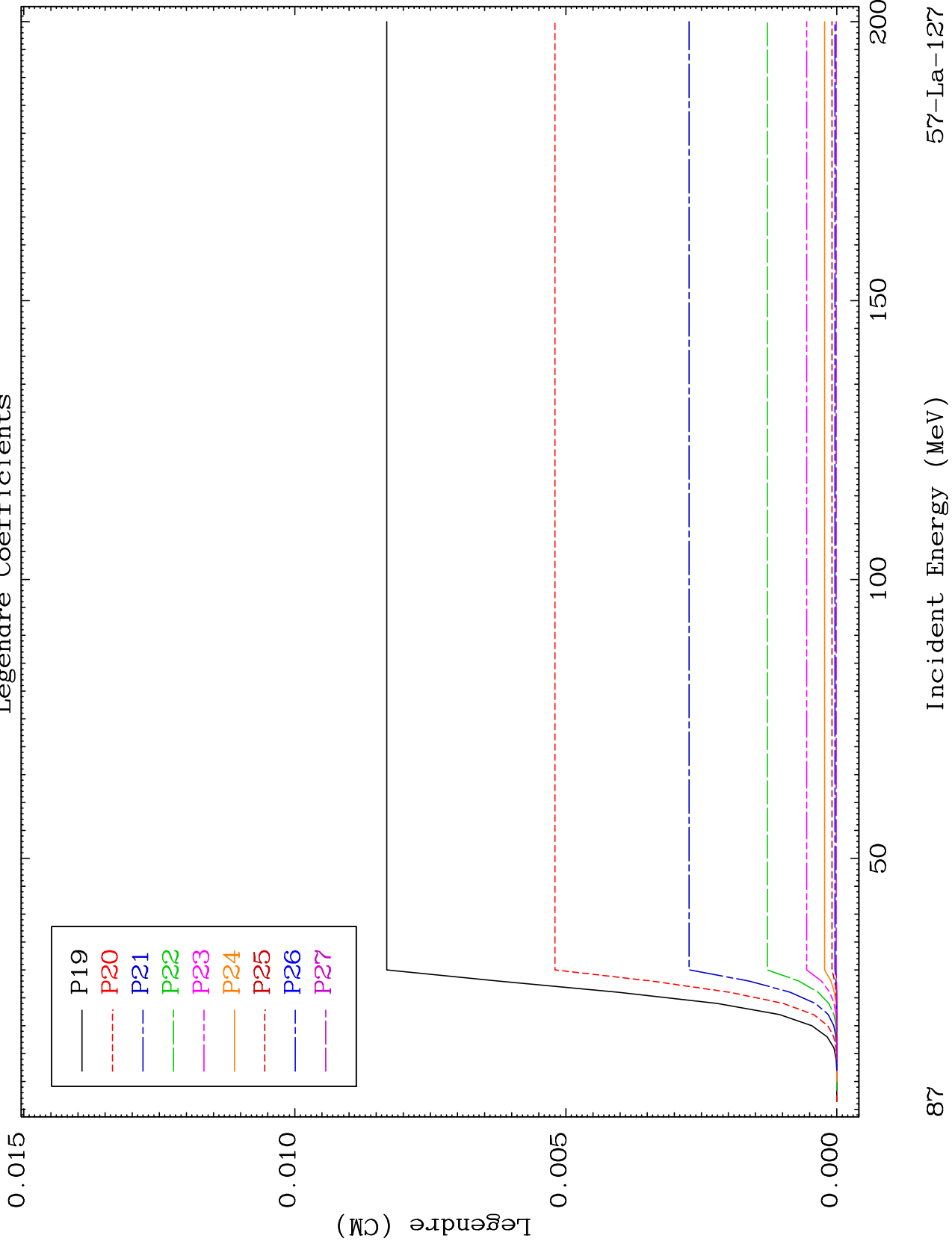
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



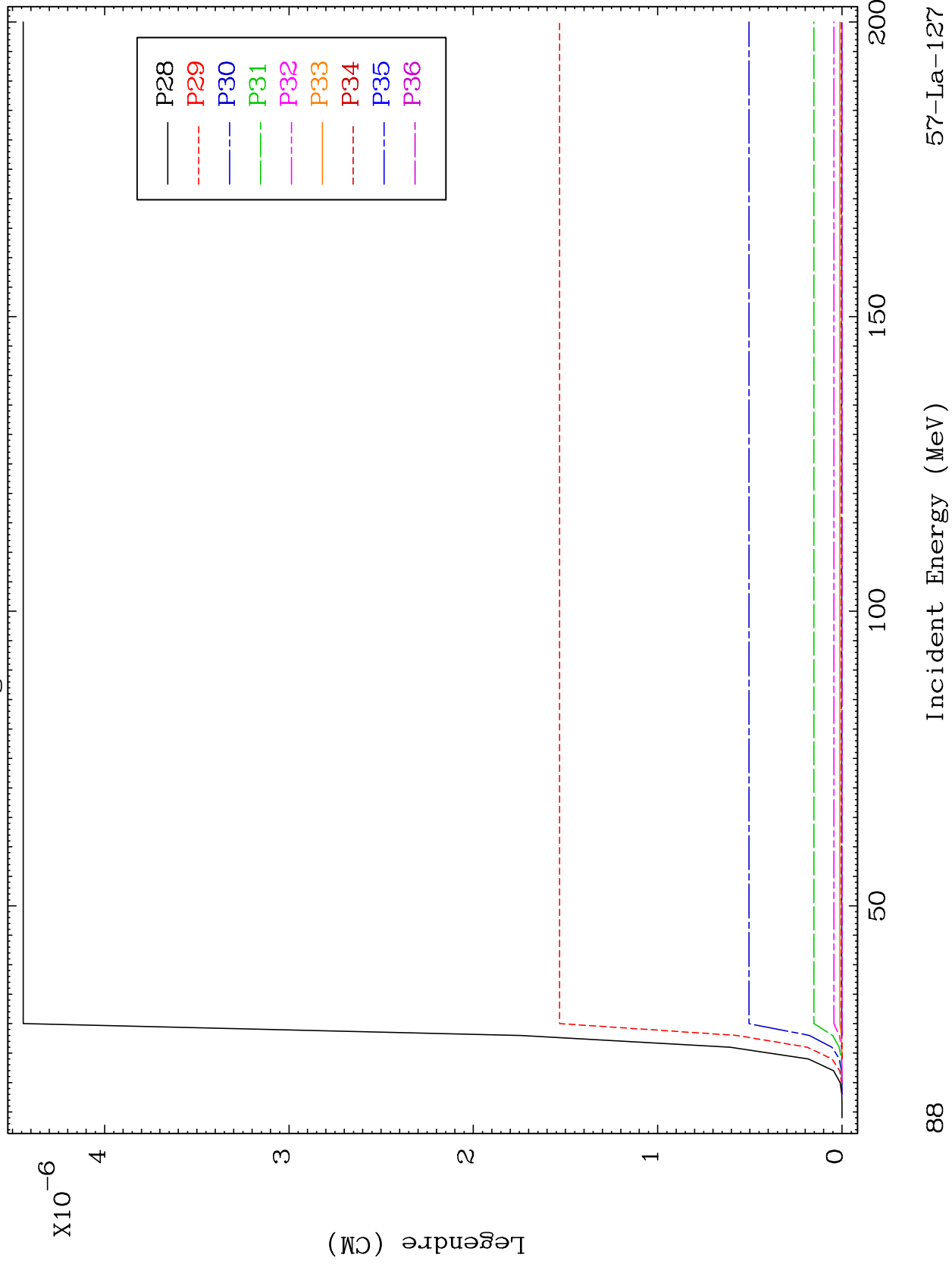
87

57-La-127

MAT 5692

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

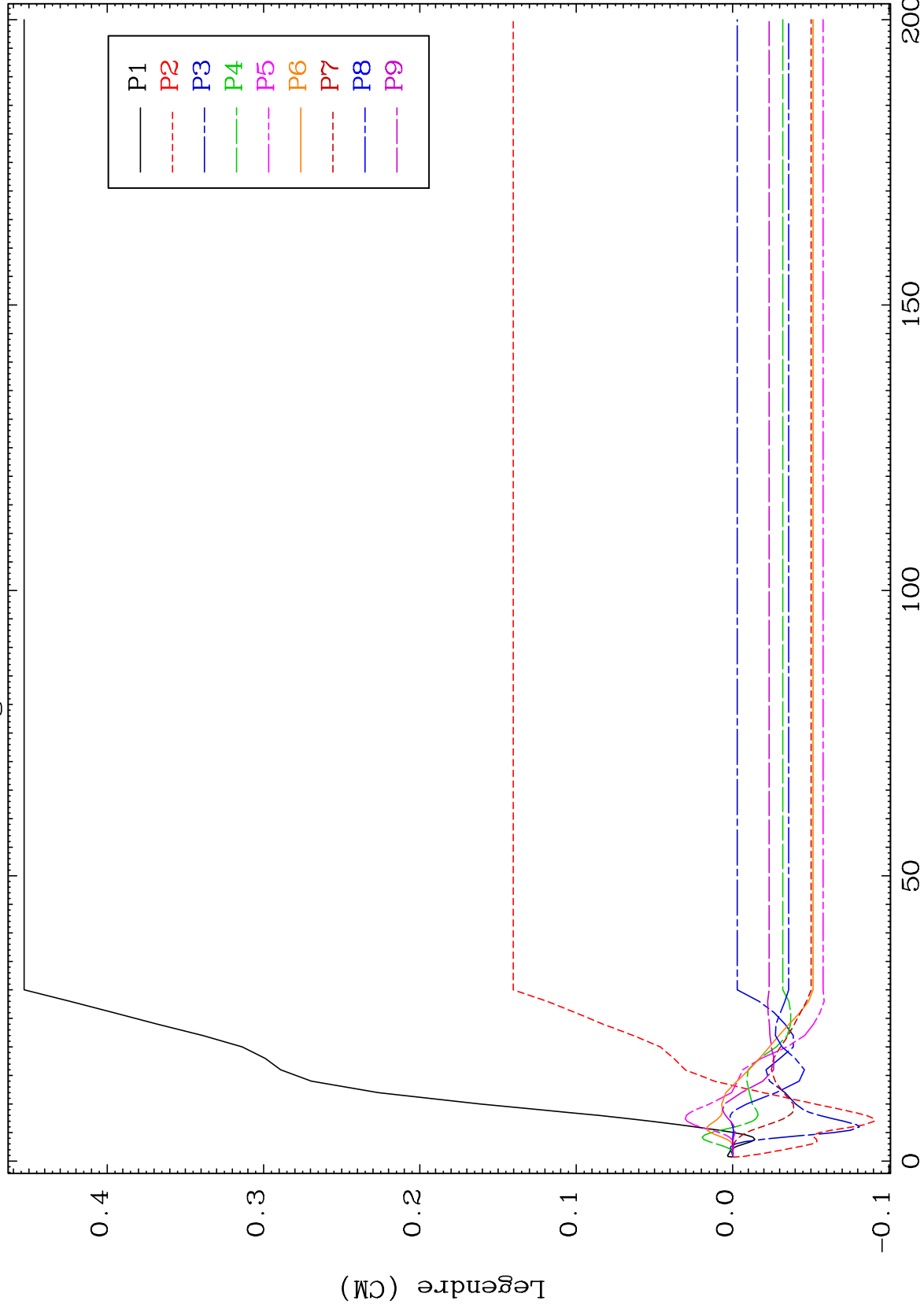
57-La-127



MAT 5692

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

57-La-127



89

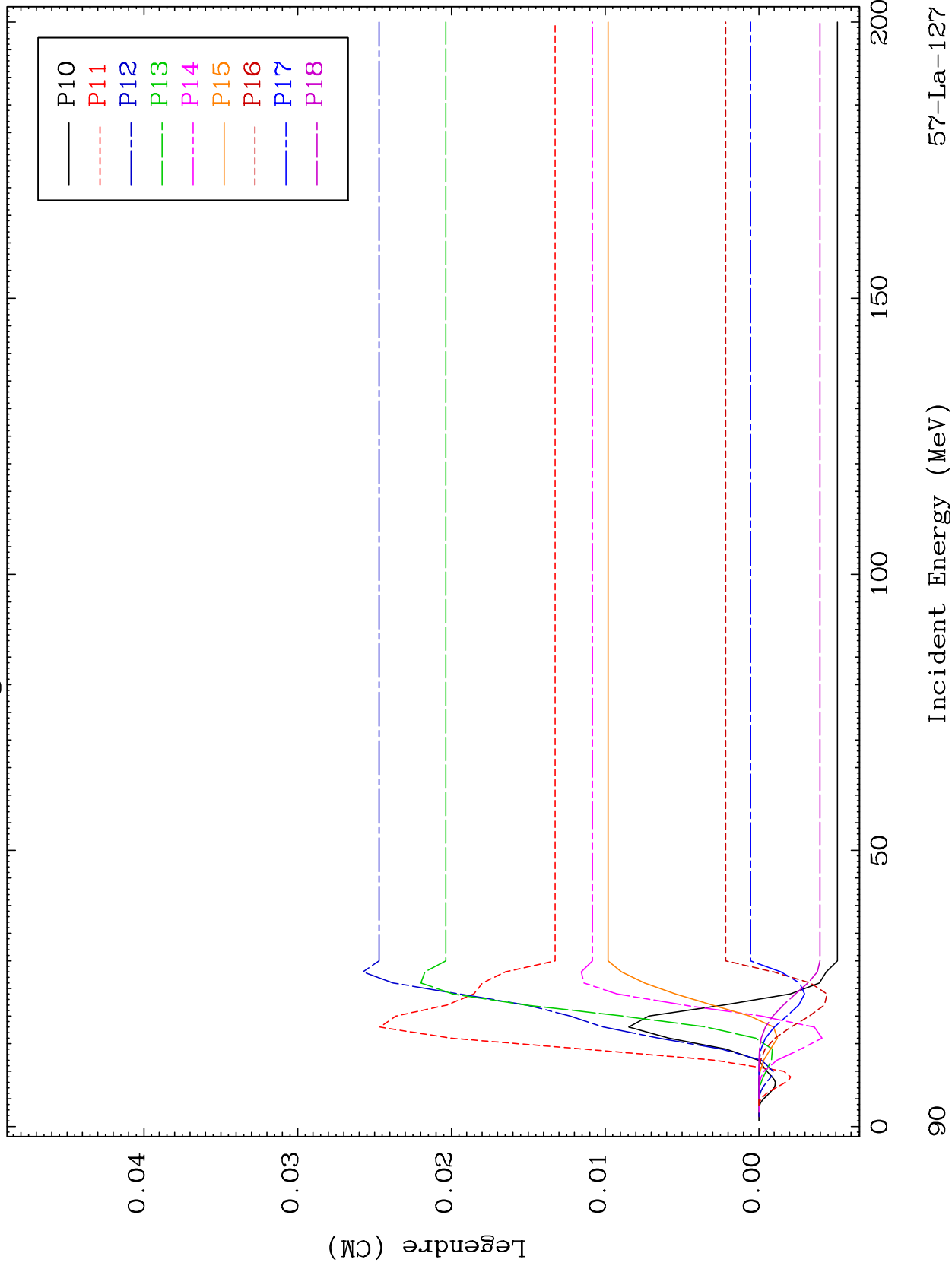
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



57-La-127

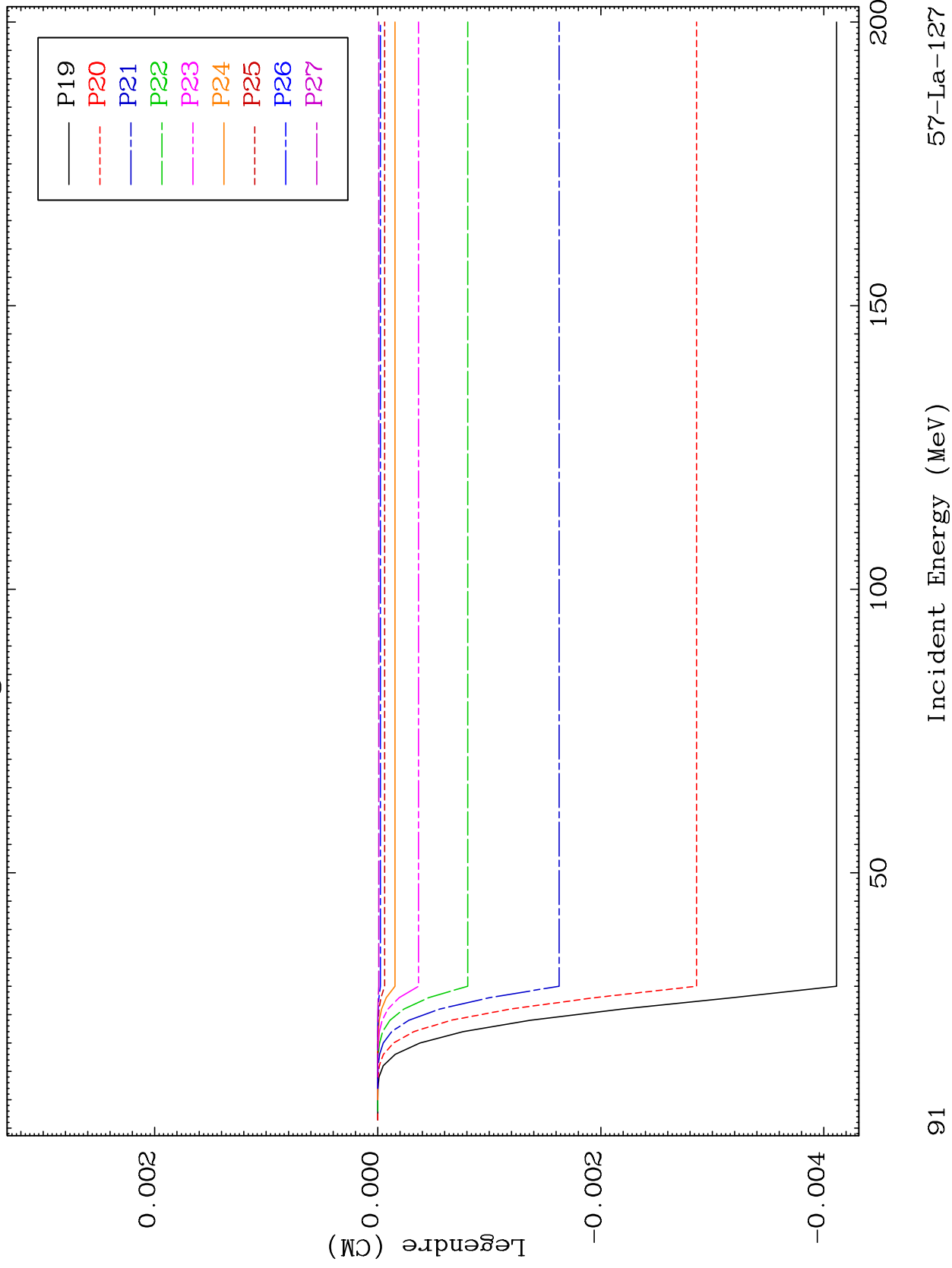
Incident Energy (MeV)

90

MAT 5692

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

57-La-127



91

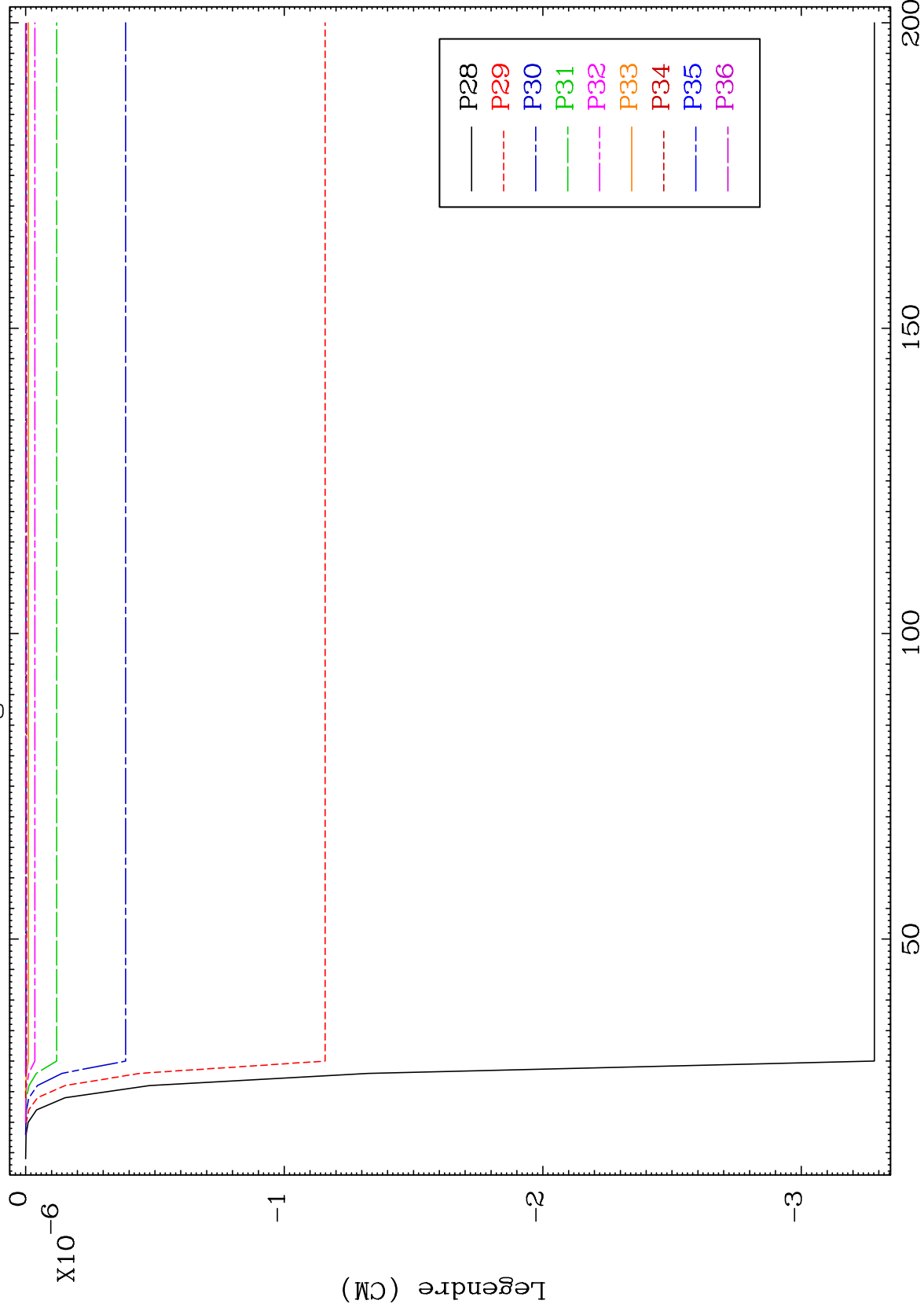
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



92

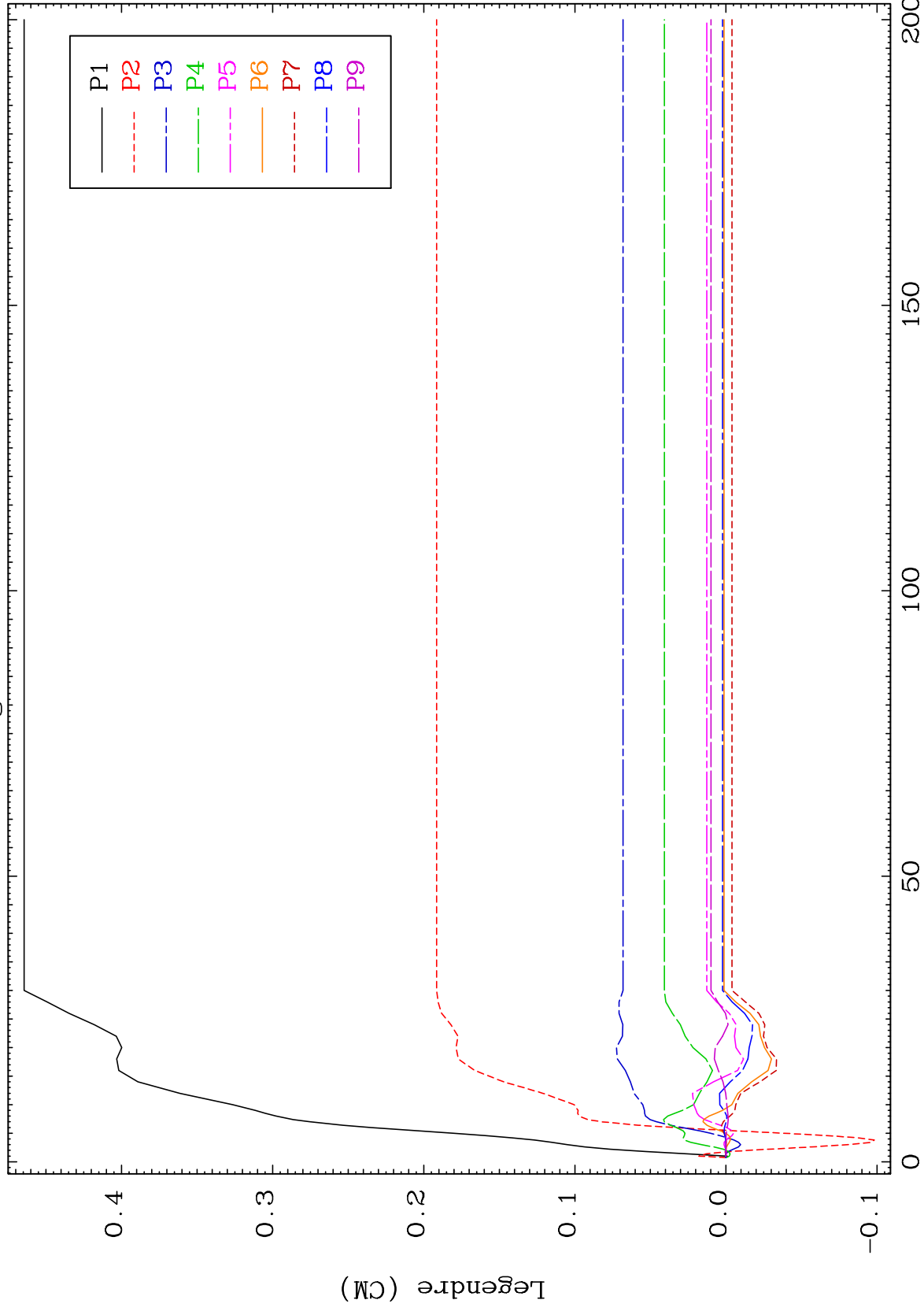
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



93

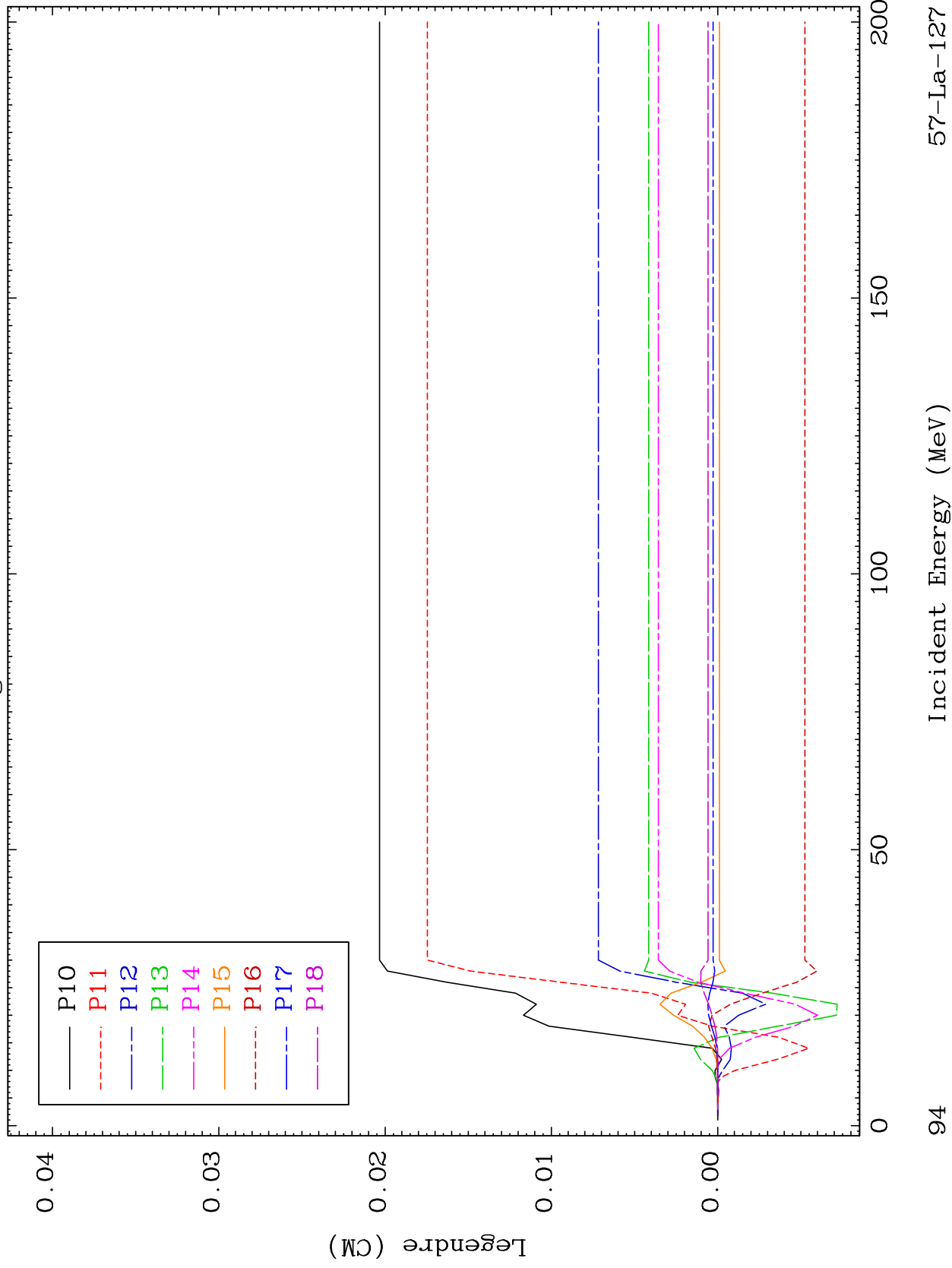
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



94

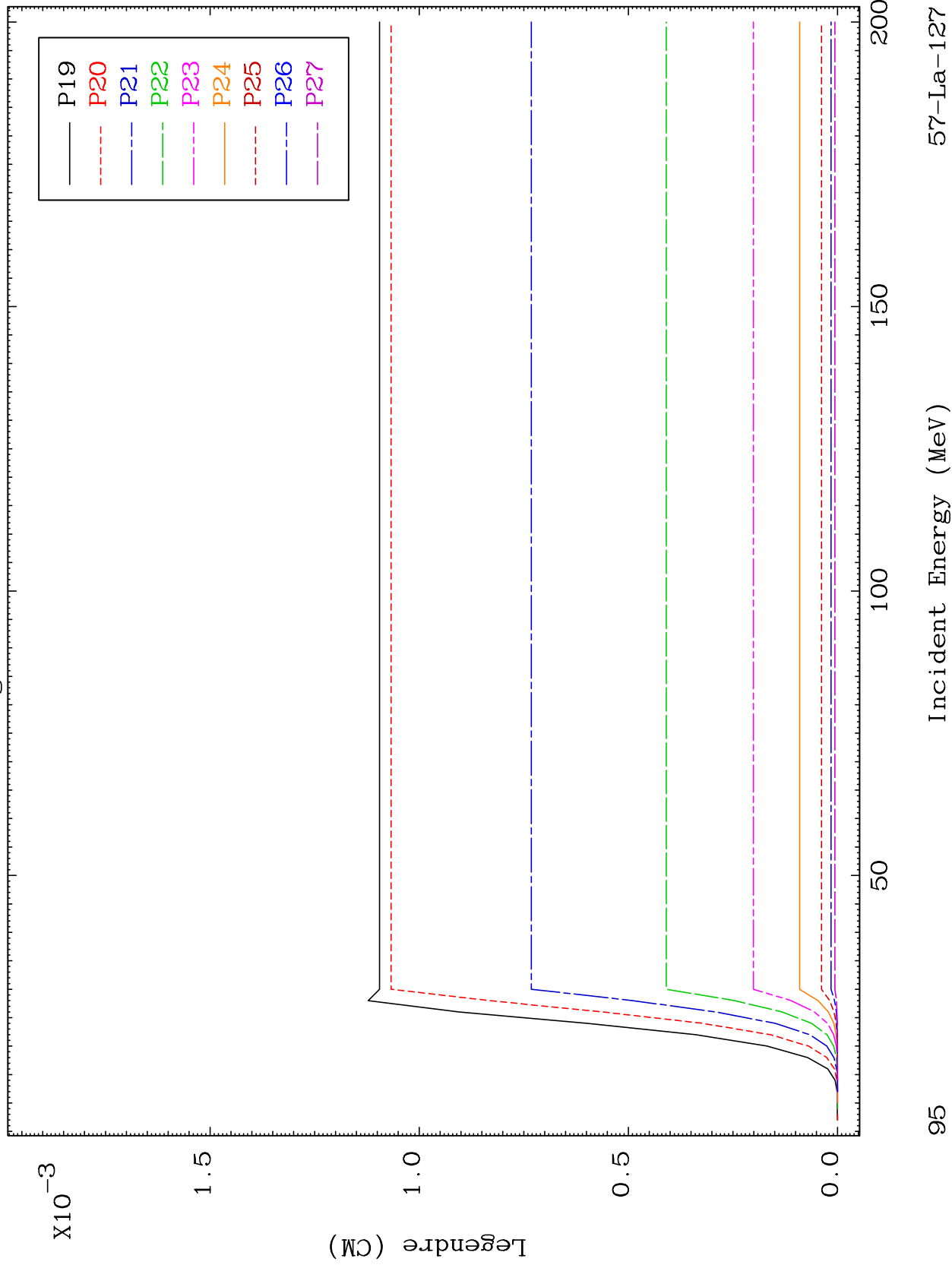
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



95

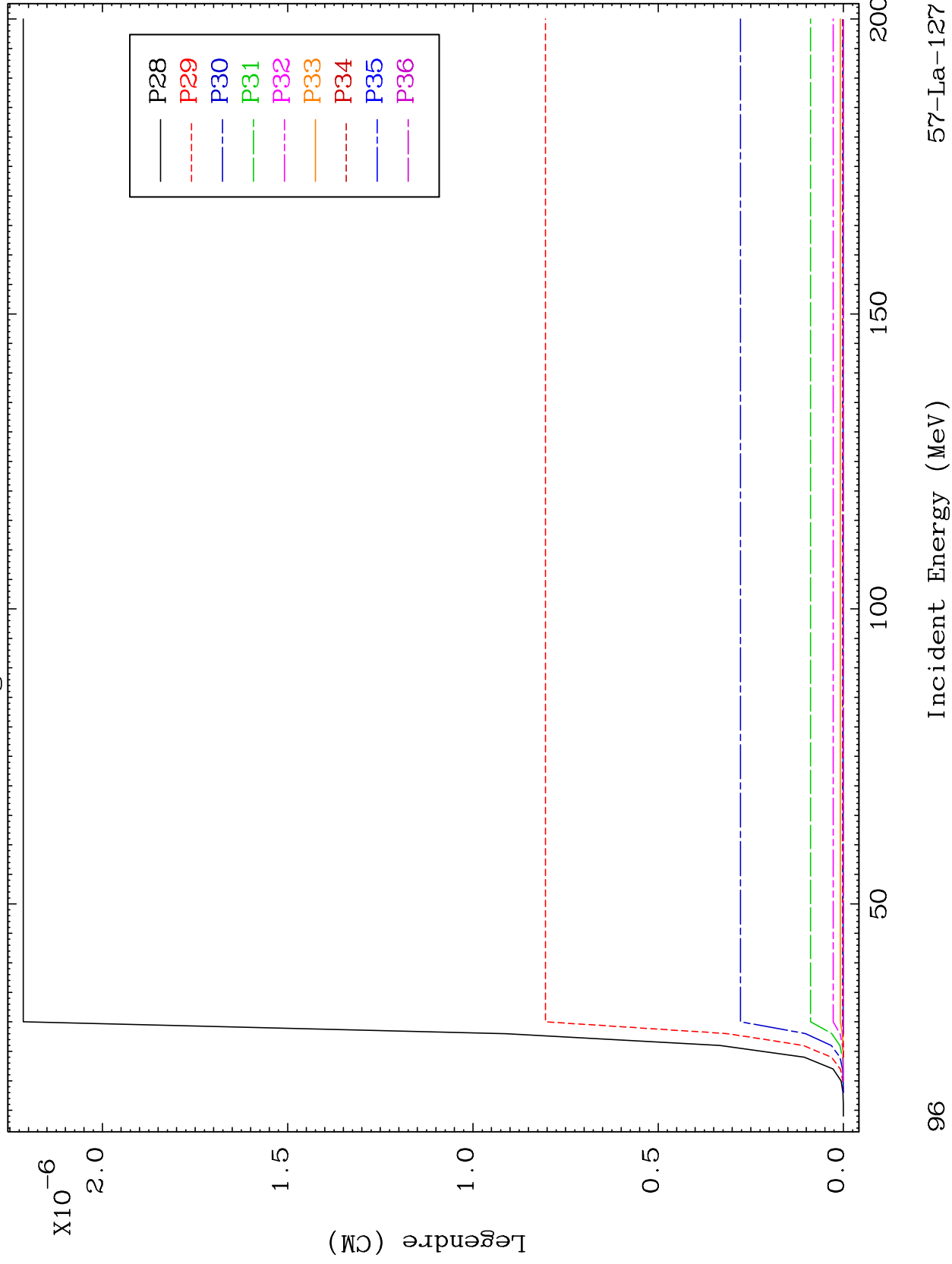
Incident Energy (MeV)

57-La-127

MAT 5692

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

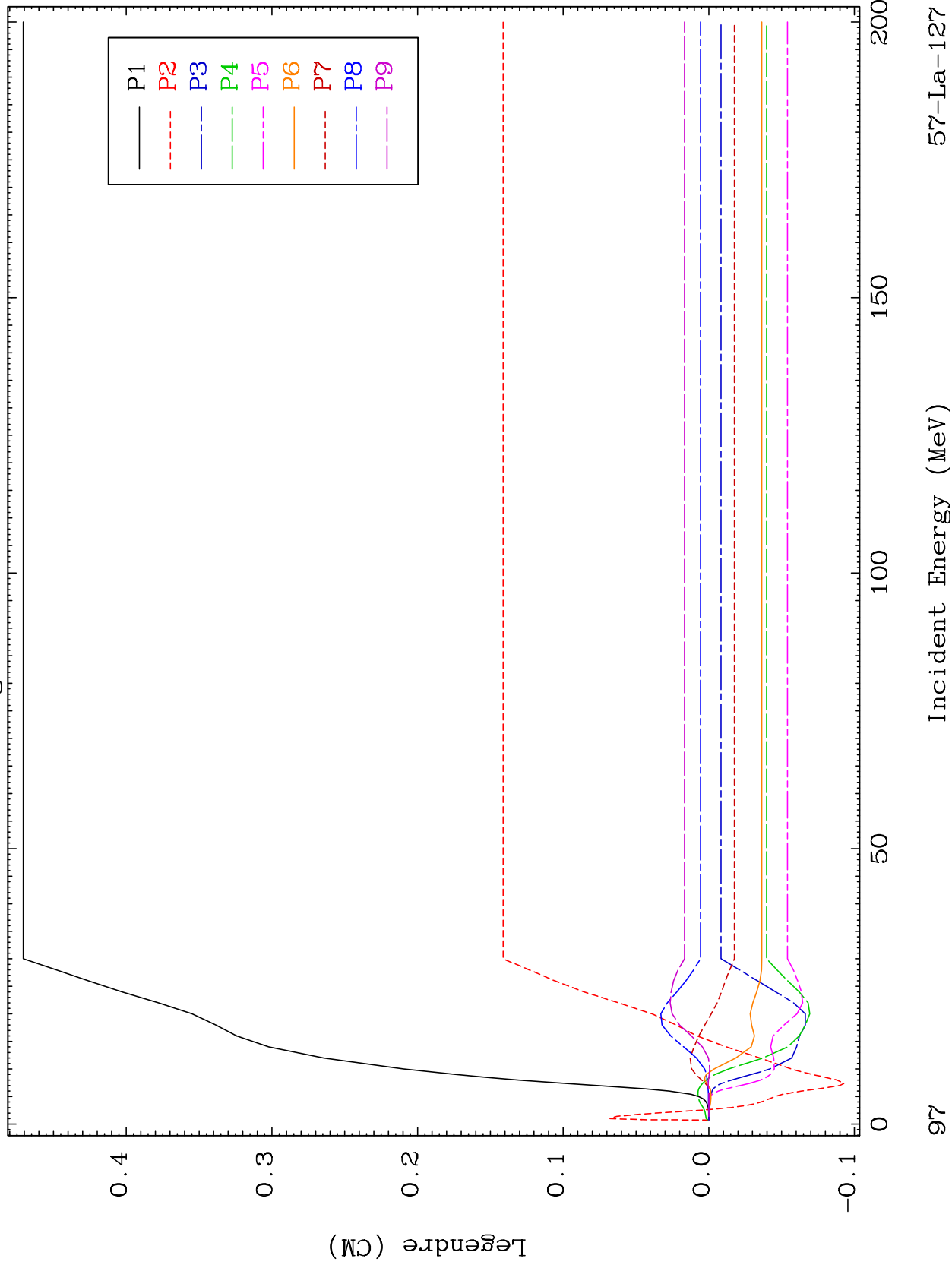
57-La-127



MAT 5692

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

57-La-127



57-La-127

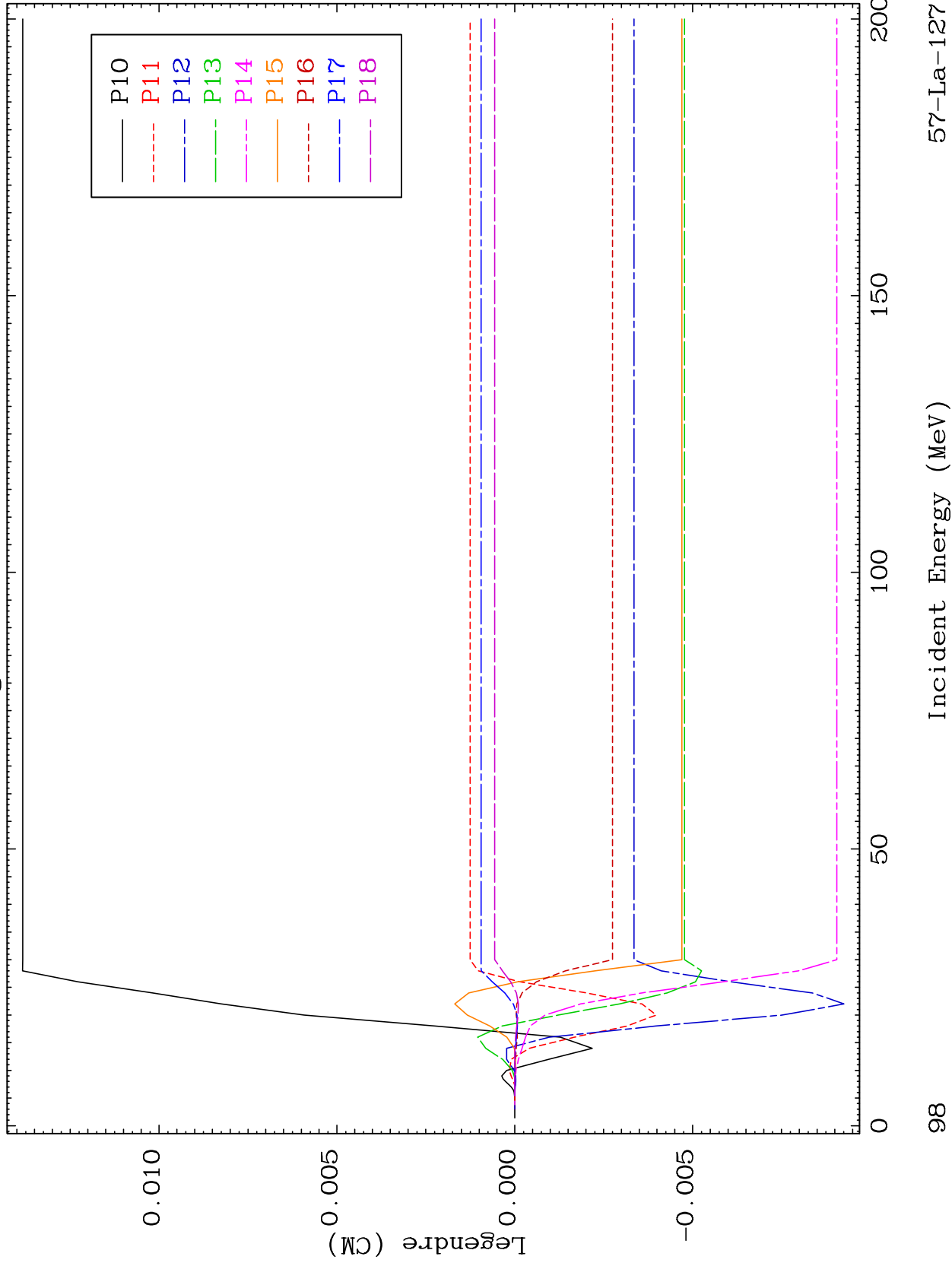
Incident Energy (MeV)

97

MAT 5692

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

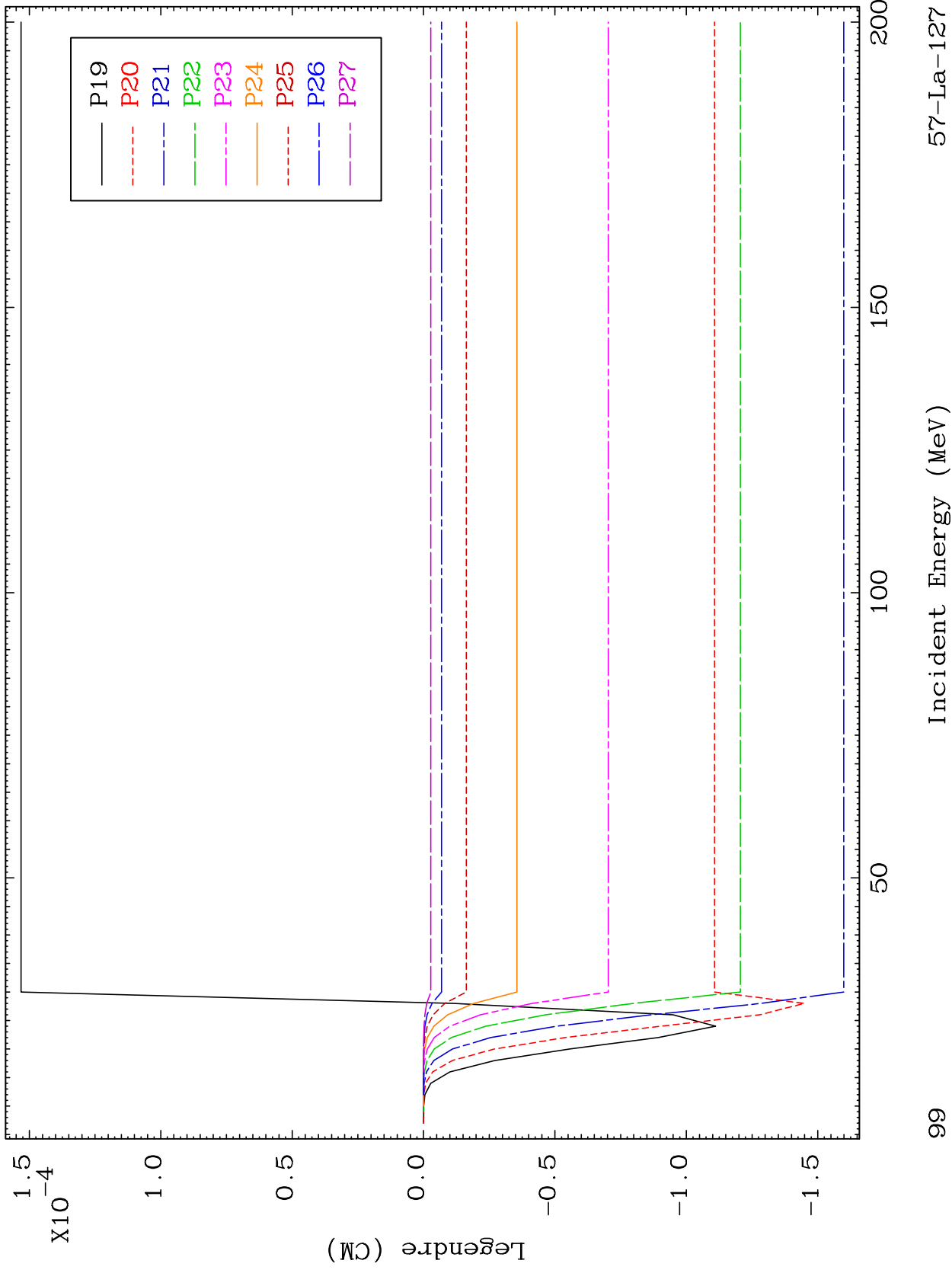
57-La-127

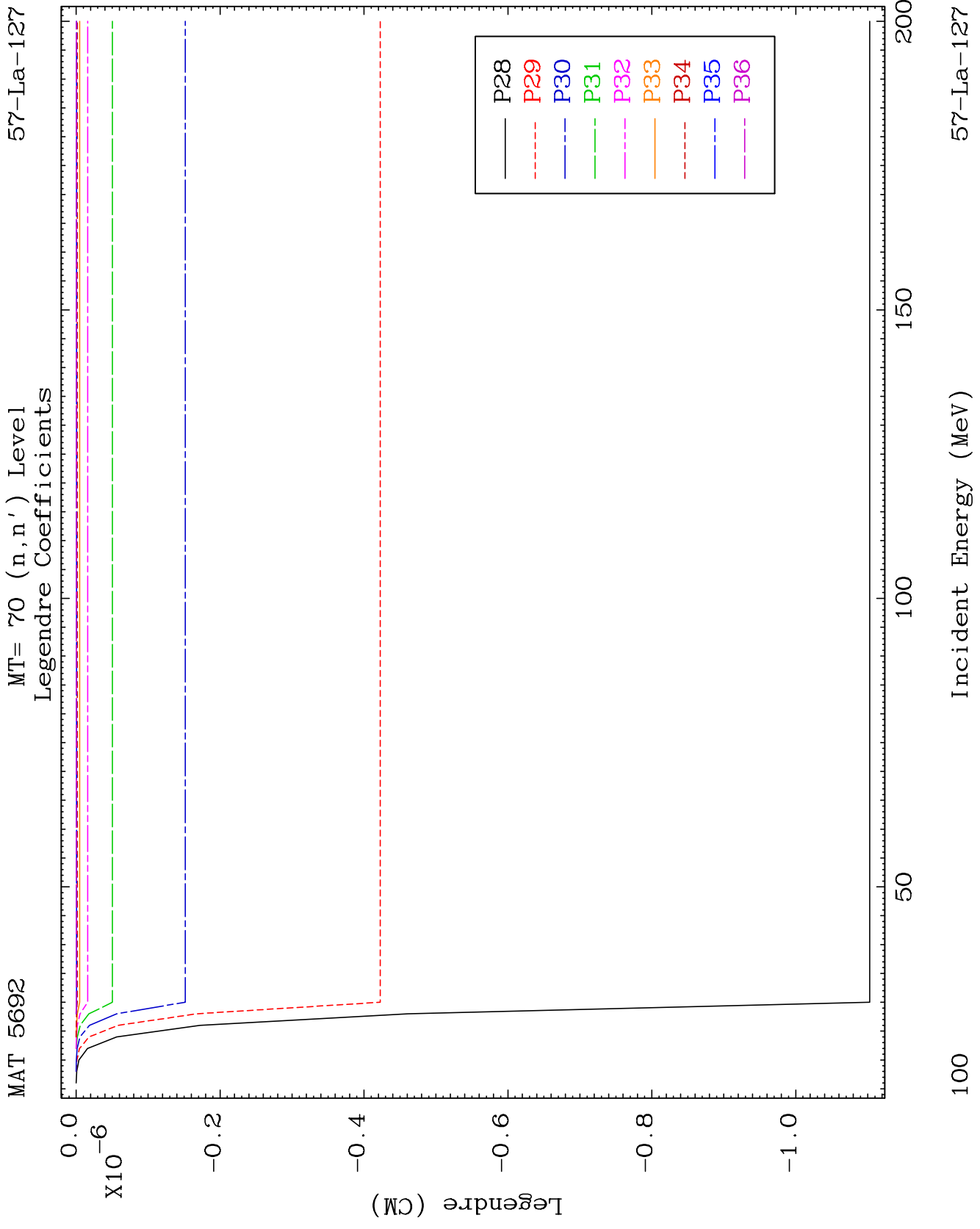


57-La-127

Incident Energy (MeV)

98

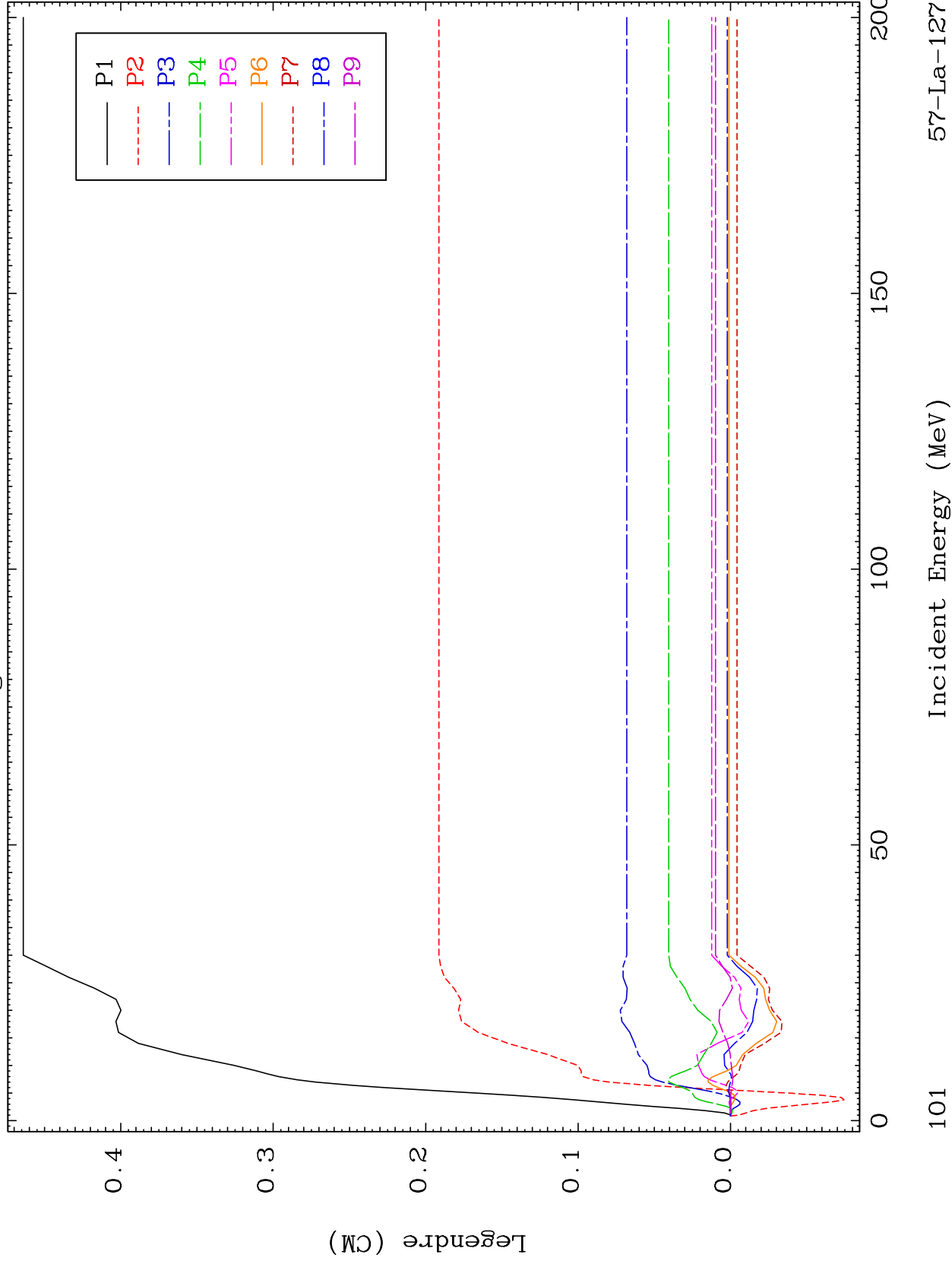




MAT 5692

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

57-La-127



57-La-127

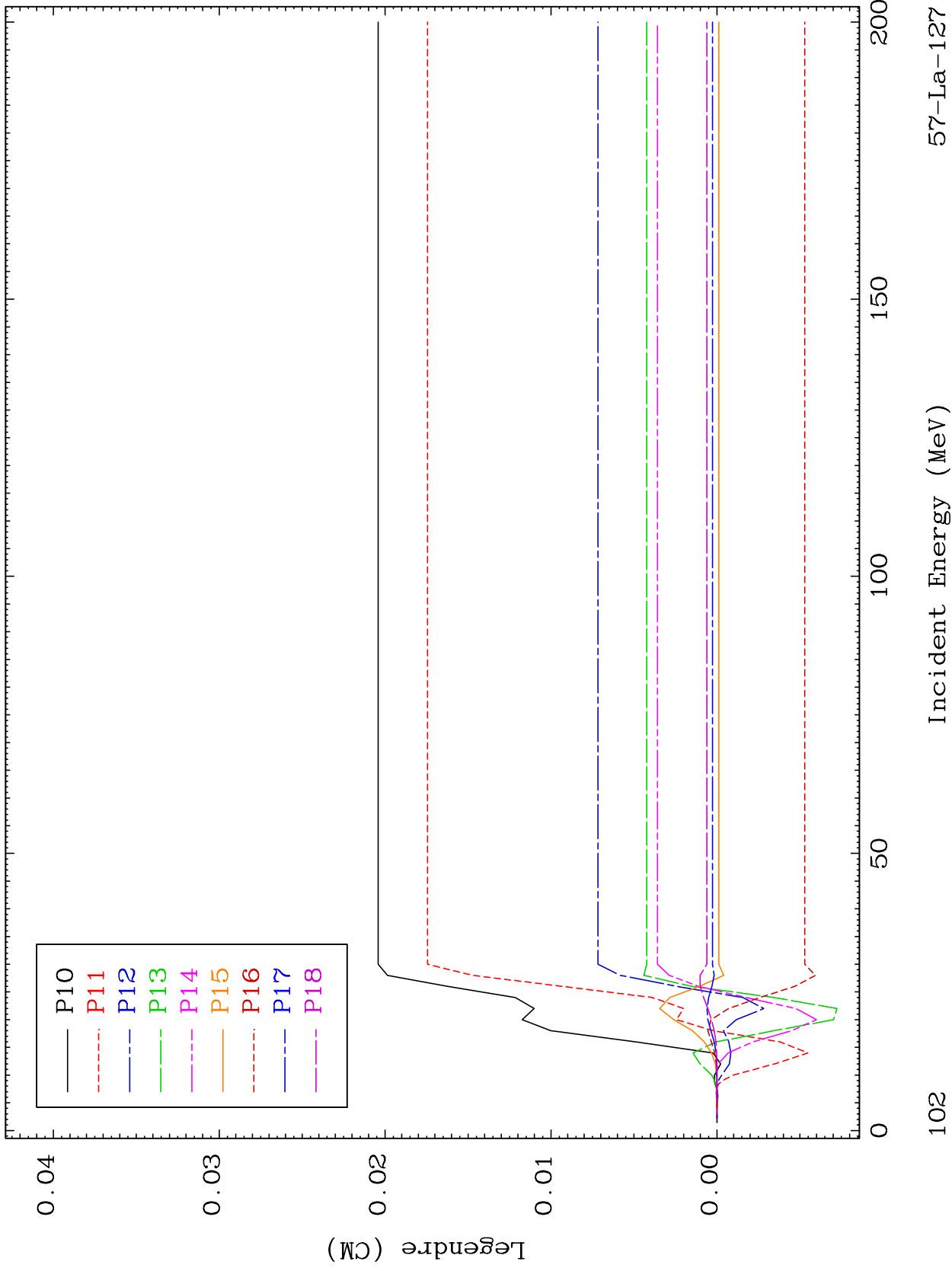
Incident Energy (MeV)

101

MAT 5692

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

57-La-127



57-La-127

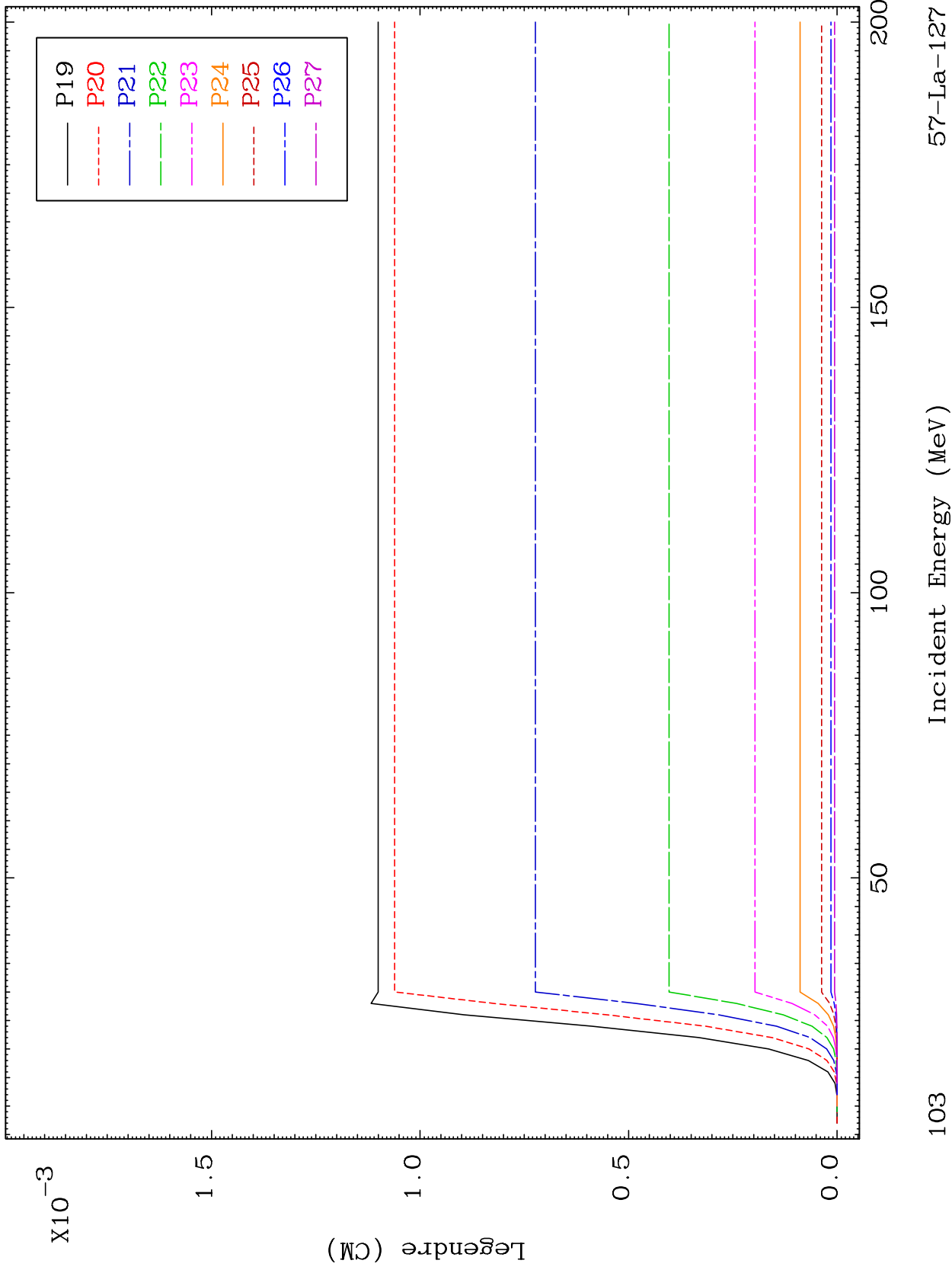
Incident Energy (MeV)

102

MAT 5692

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

57-La-127



103

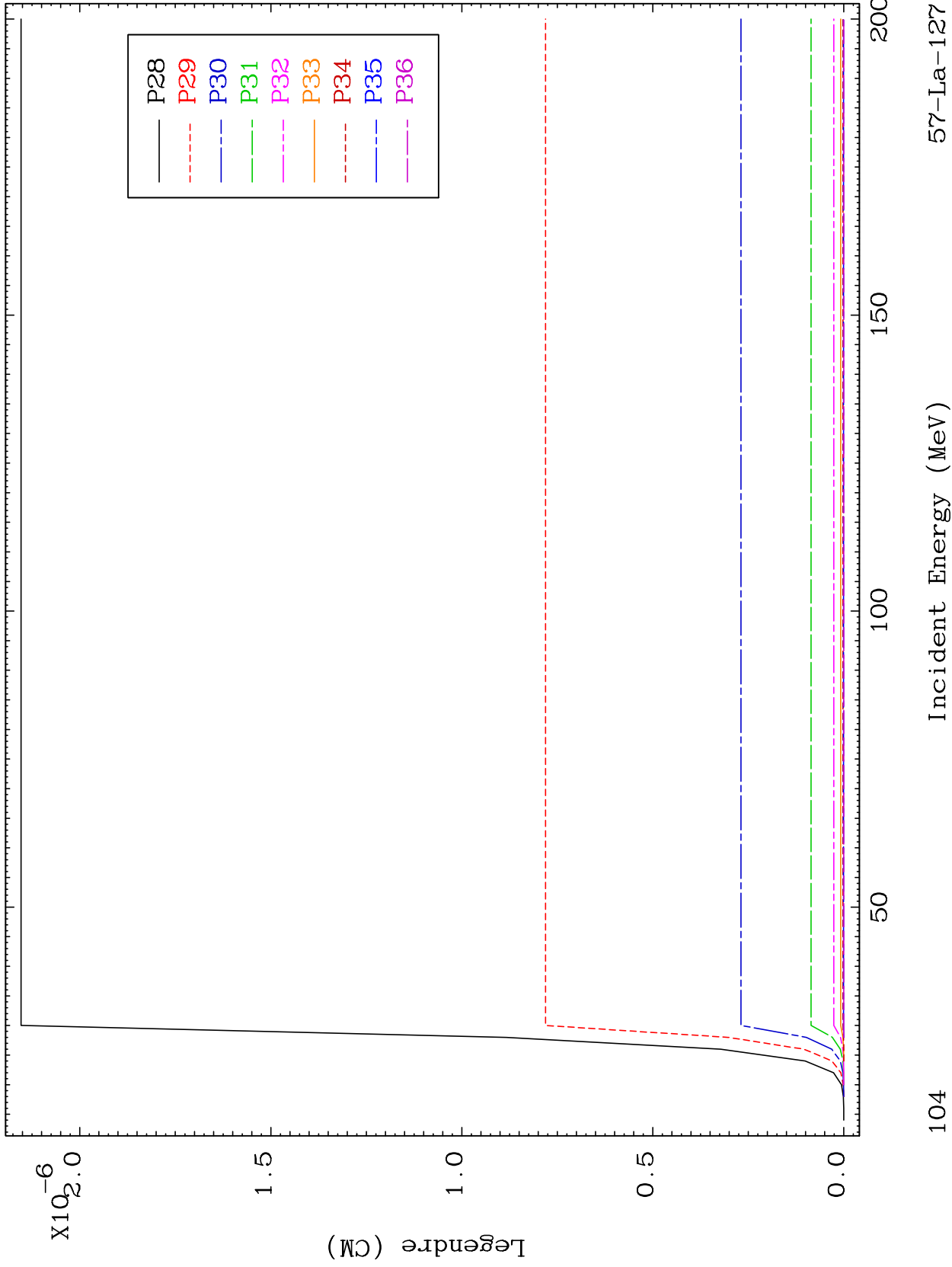
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



104

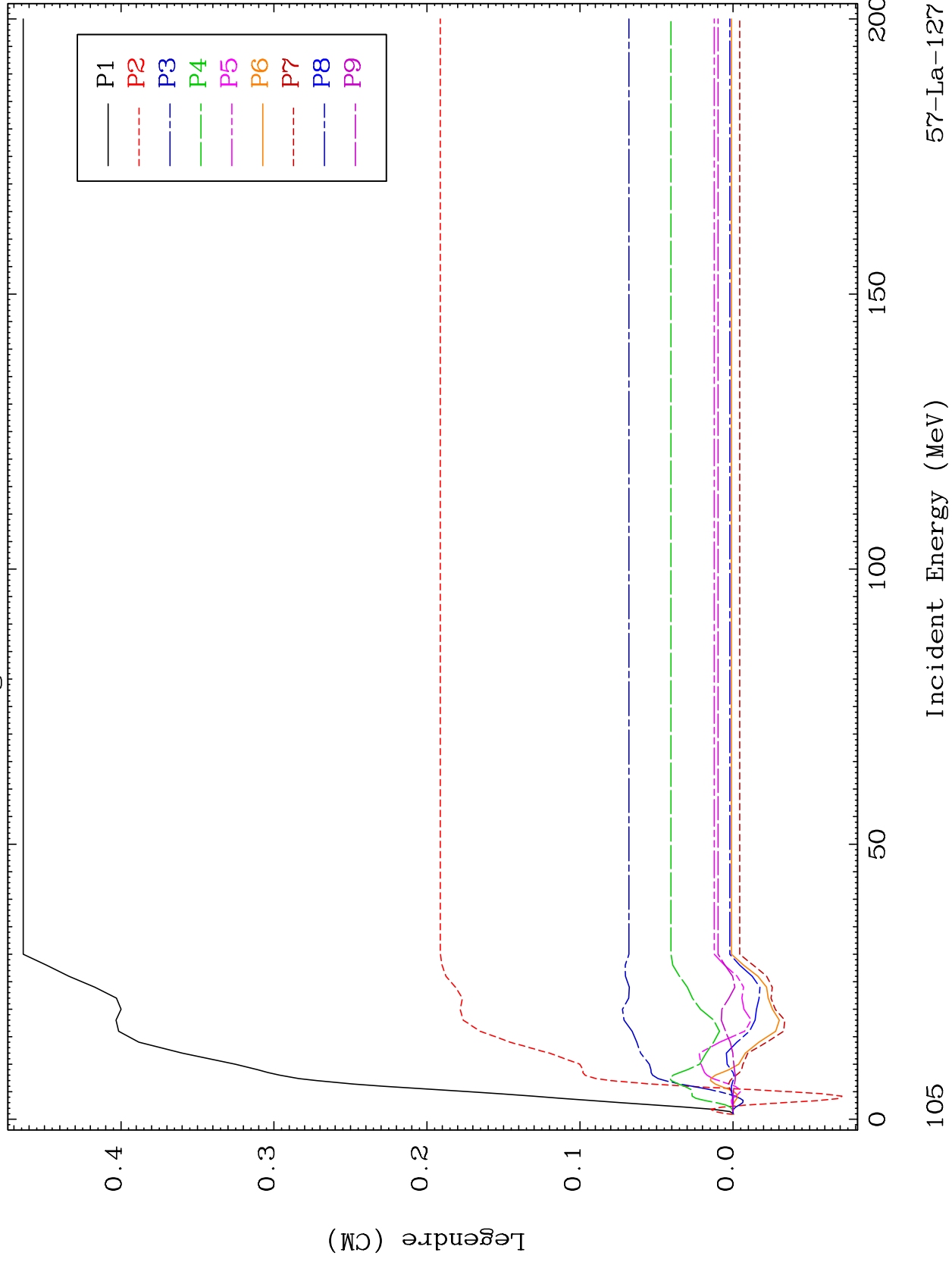
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



57-La-127

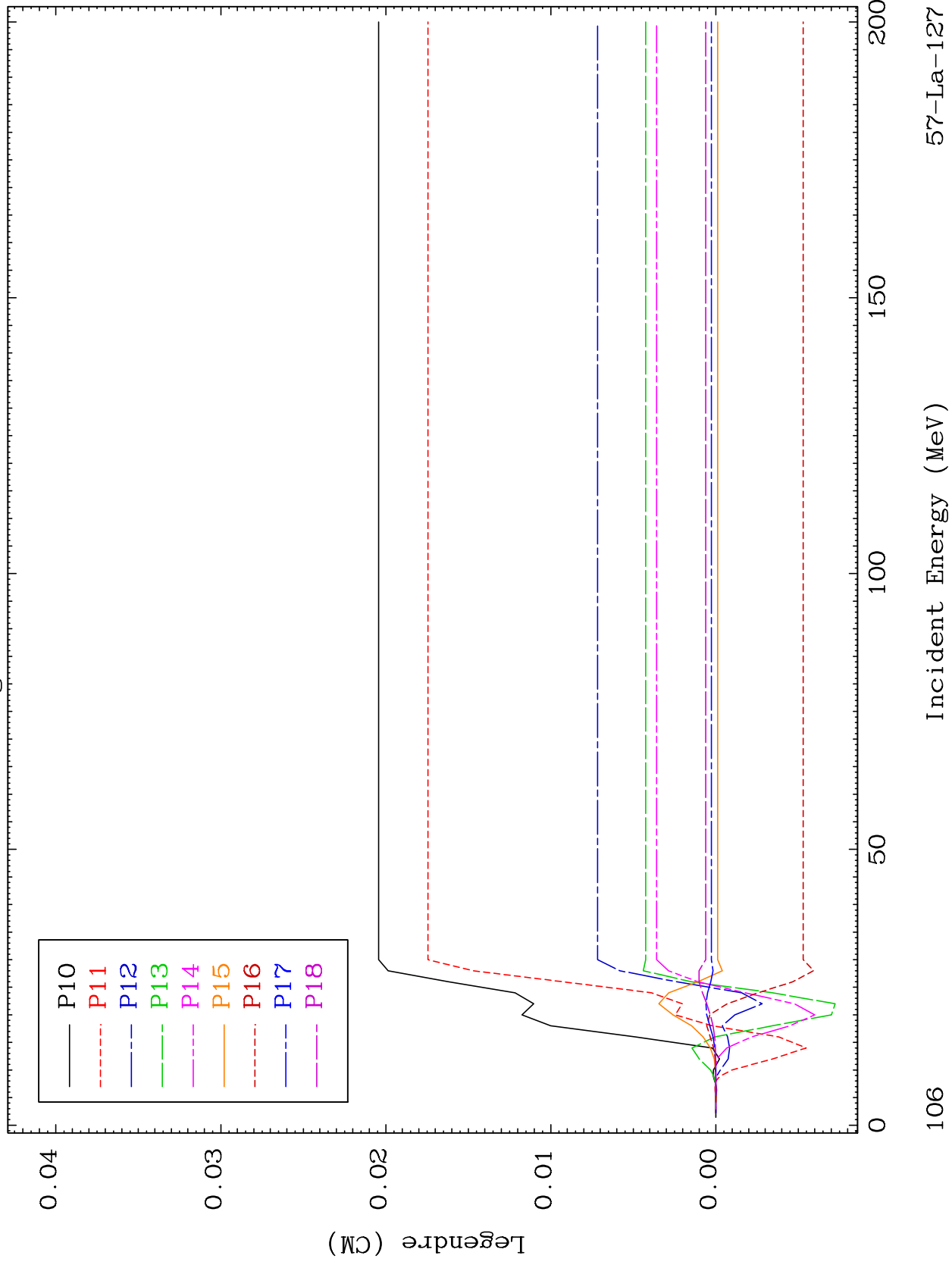
Incident Energy (MeV)

0

MAT 5692

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

57-La-127



57-La-127

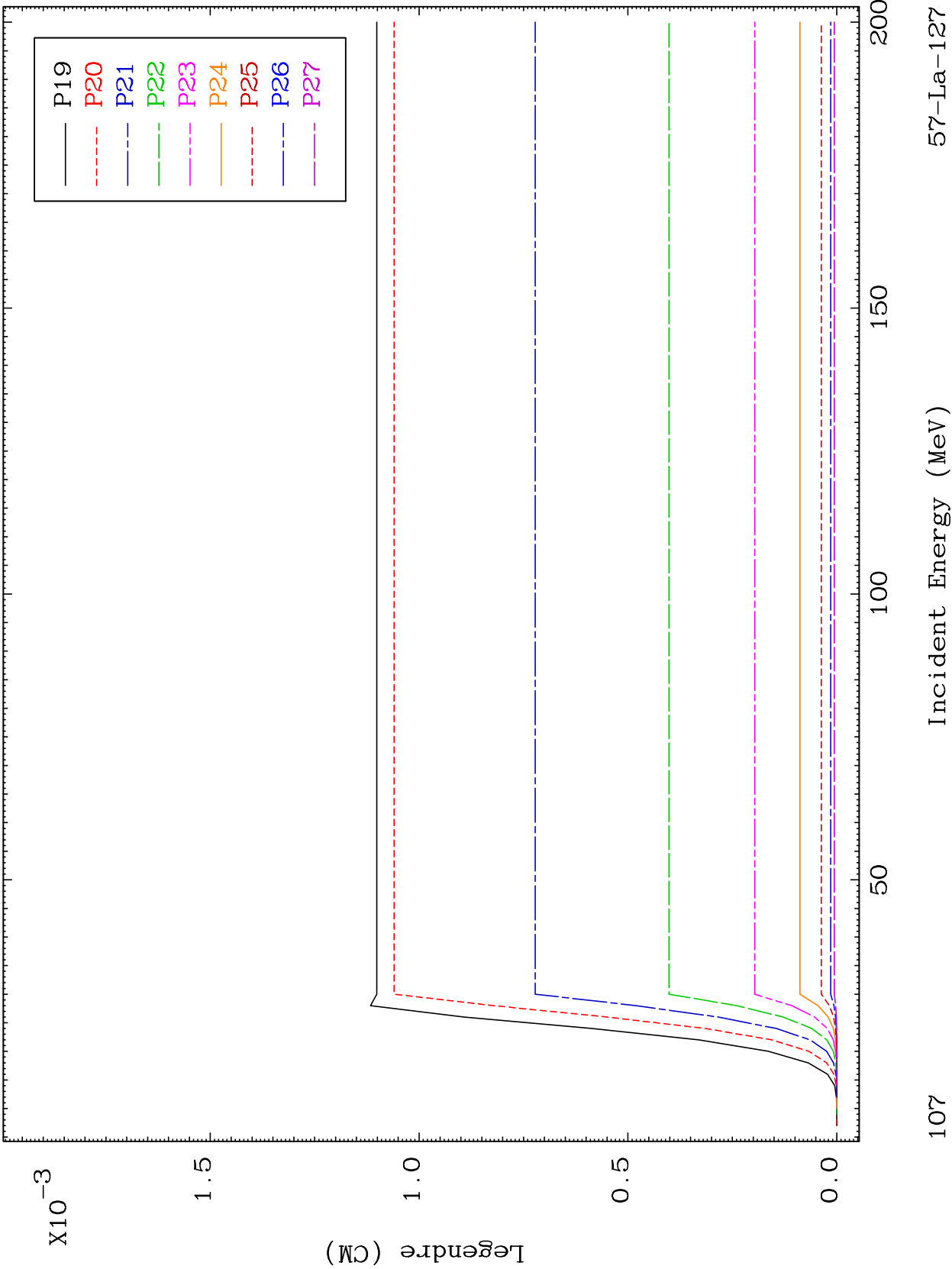
Incident Energy (MeV)

106

MAT 5692

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

57-La-127



107

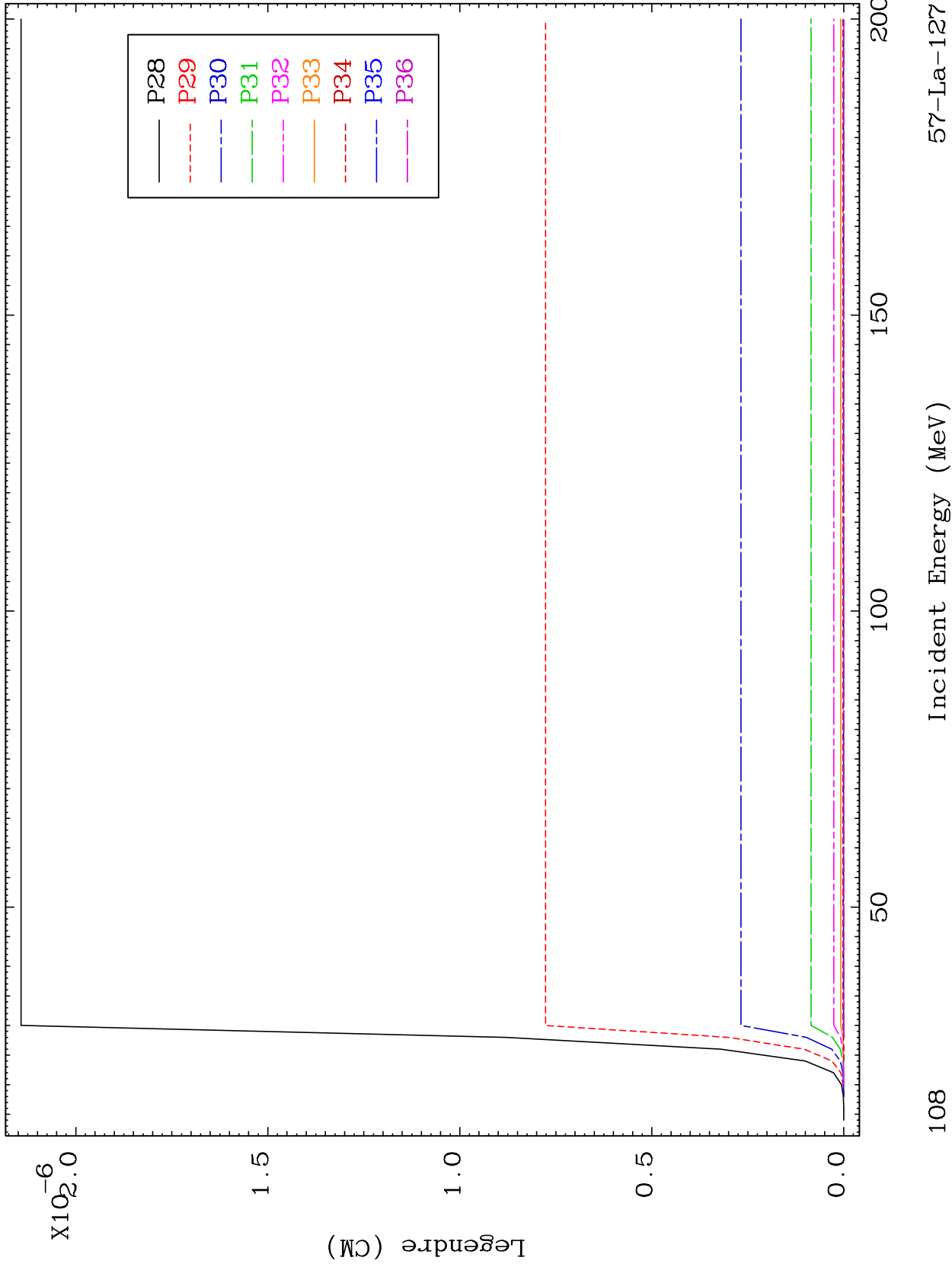
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



108

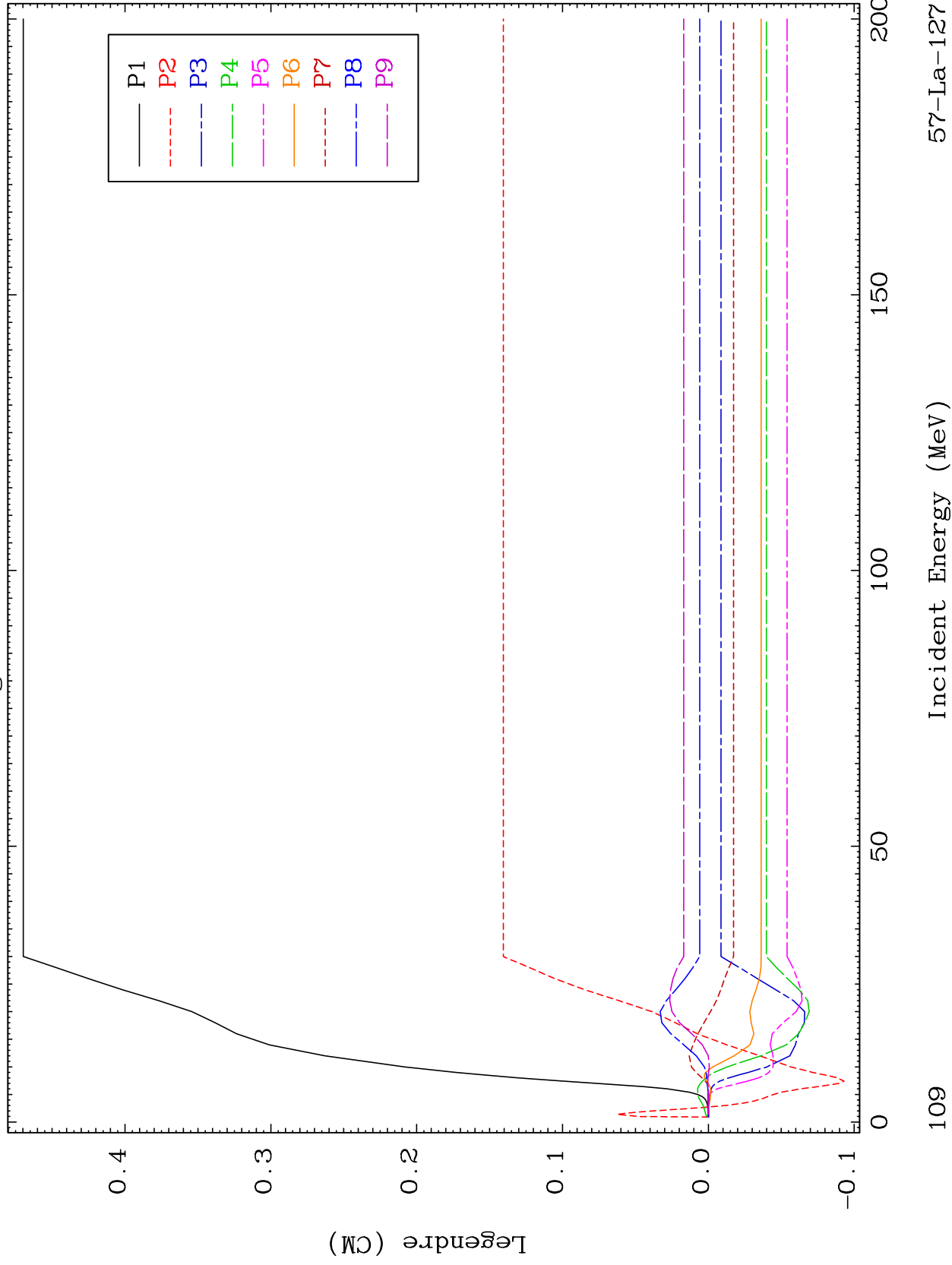
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



57-La-127

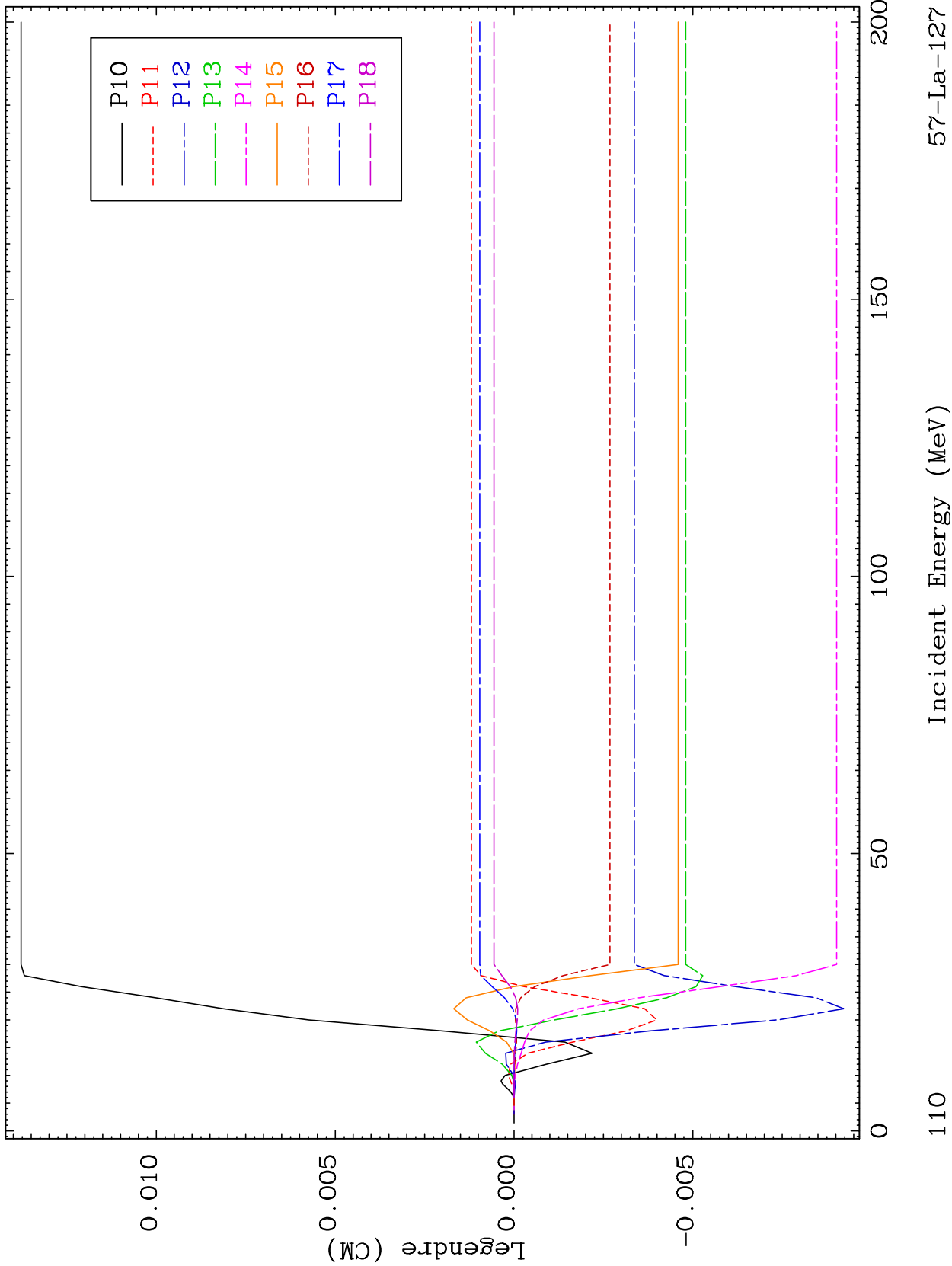
Incident Energy (MeV)

109

MAT 5692

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

57-La-127



57-La-127

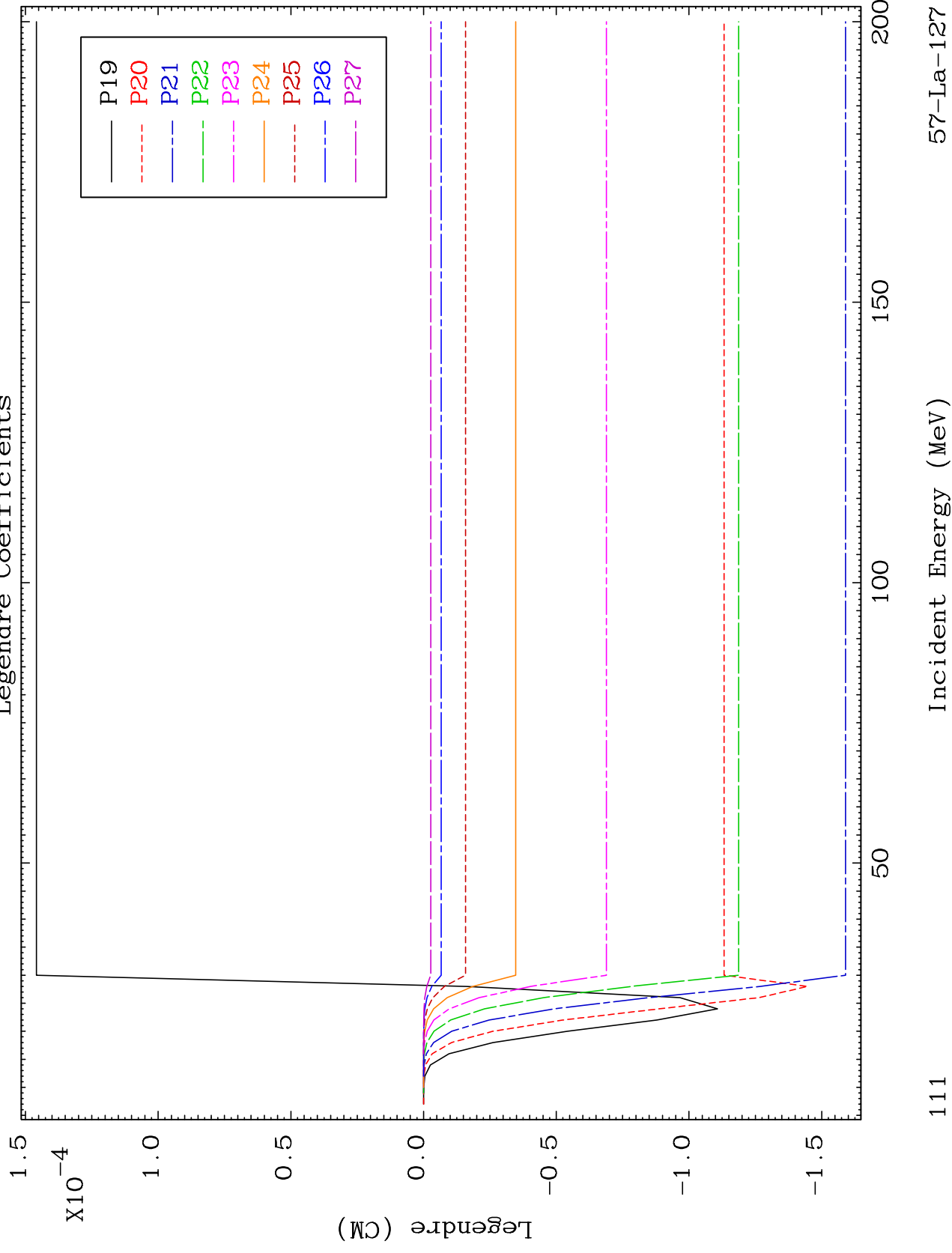
Incident Energy (MeV)

110

MAT 5692

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

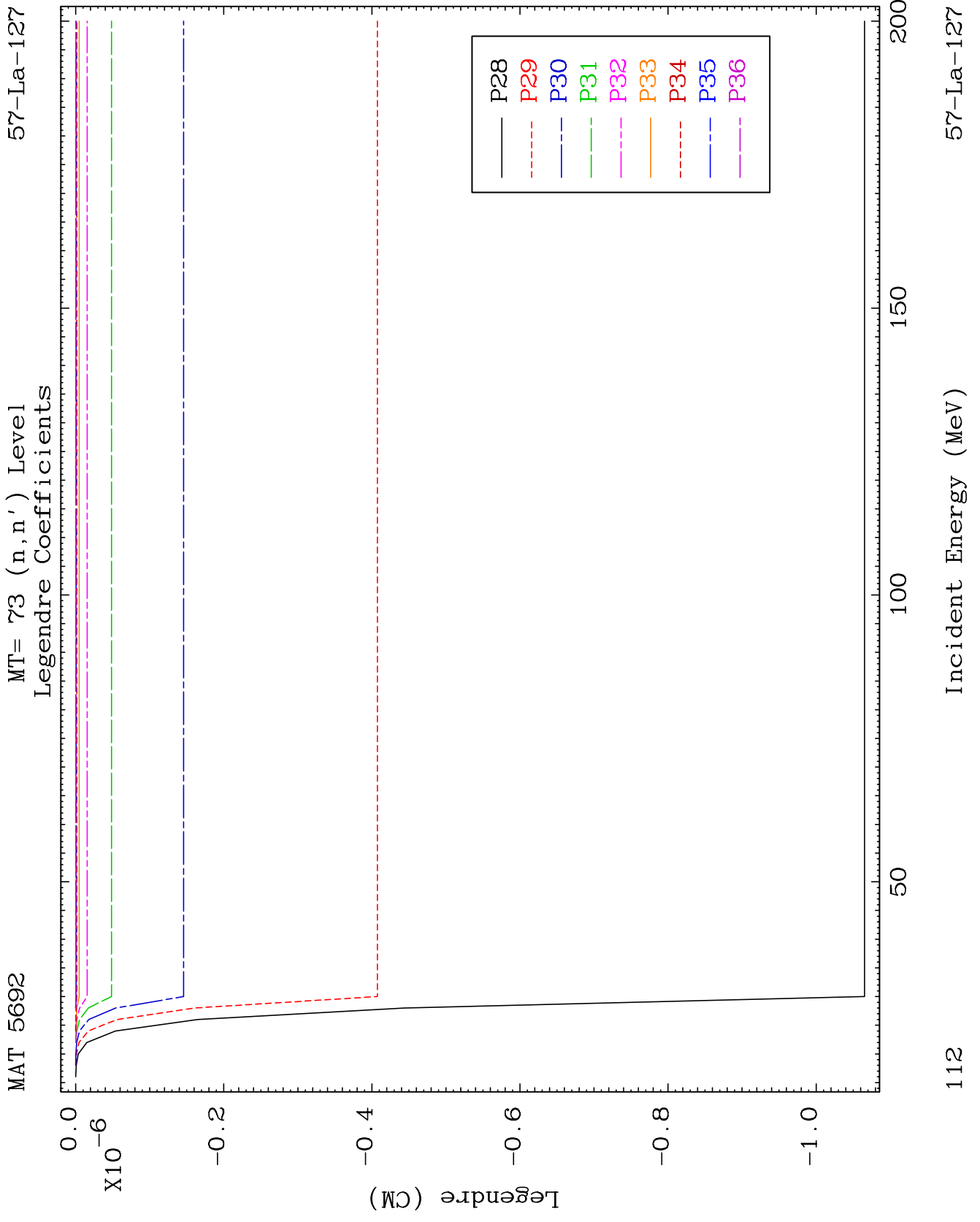
57-La-127



111

Incident Energy (MeV)

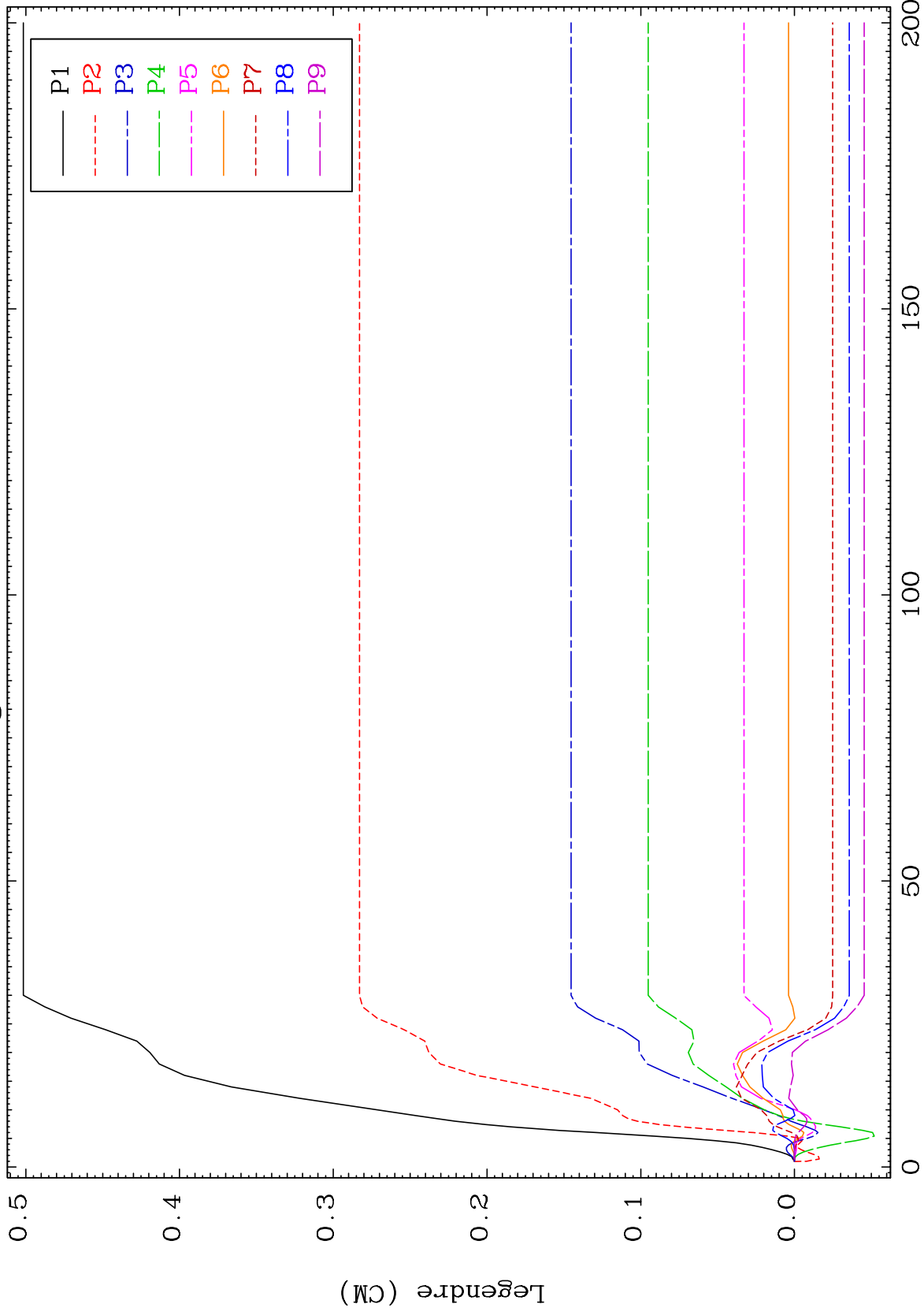
57-La-127



MAT 5692

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

57-La-127



113

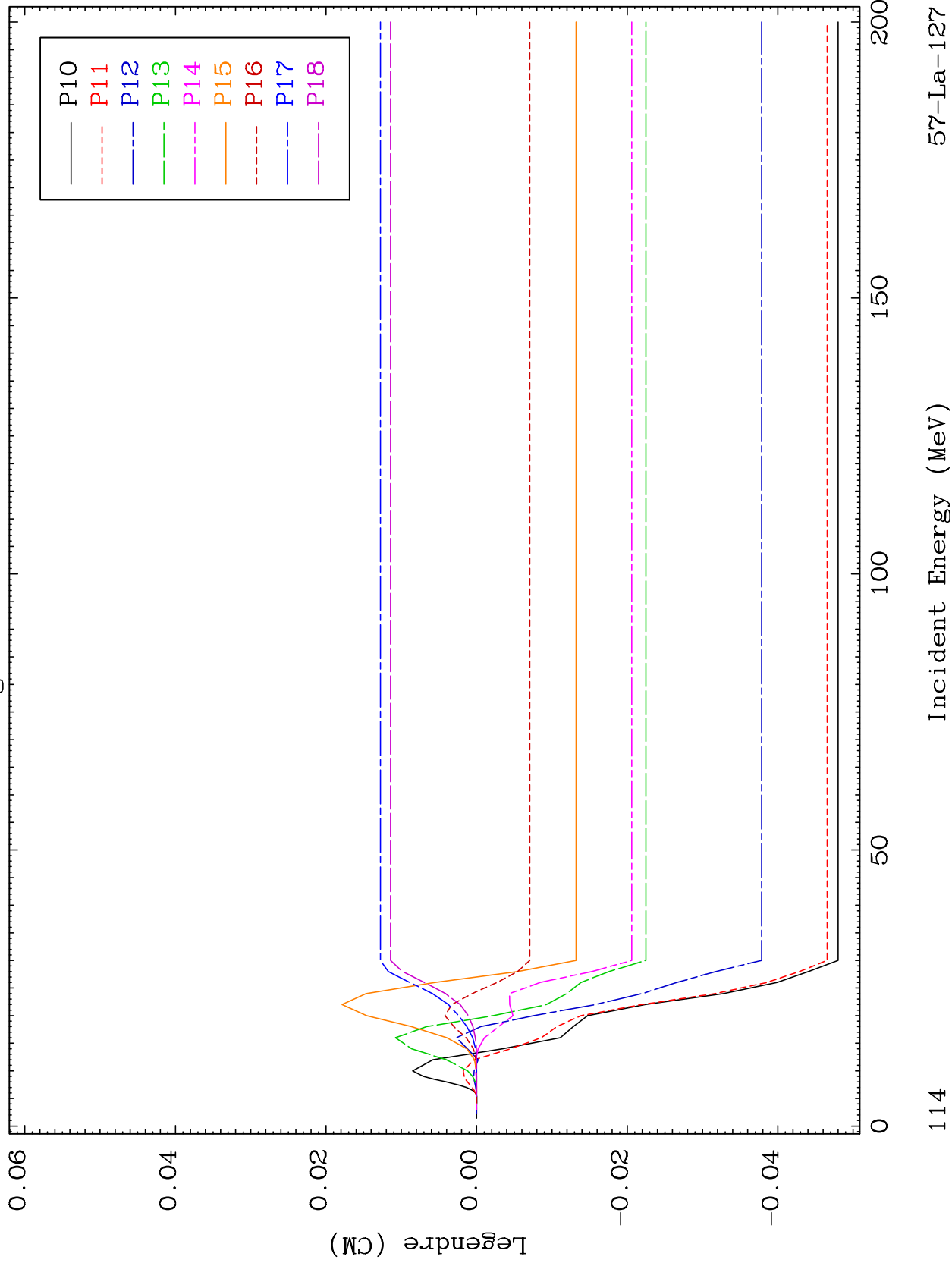
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



114

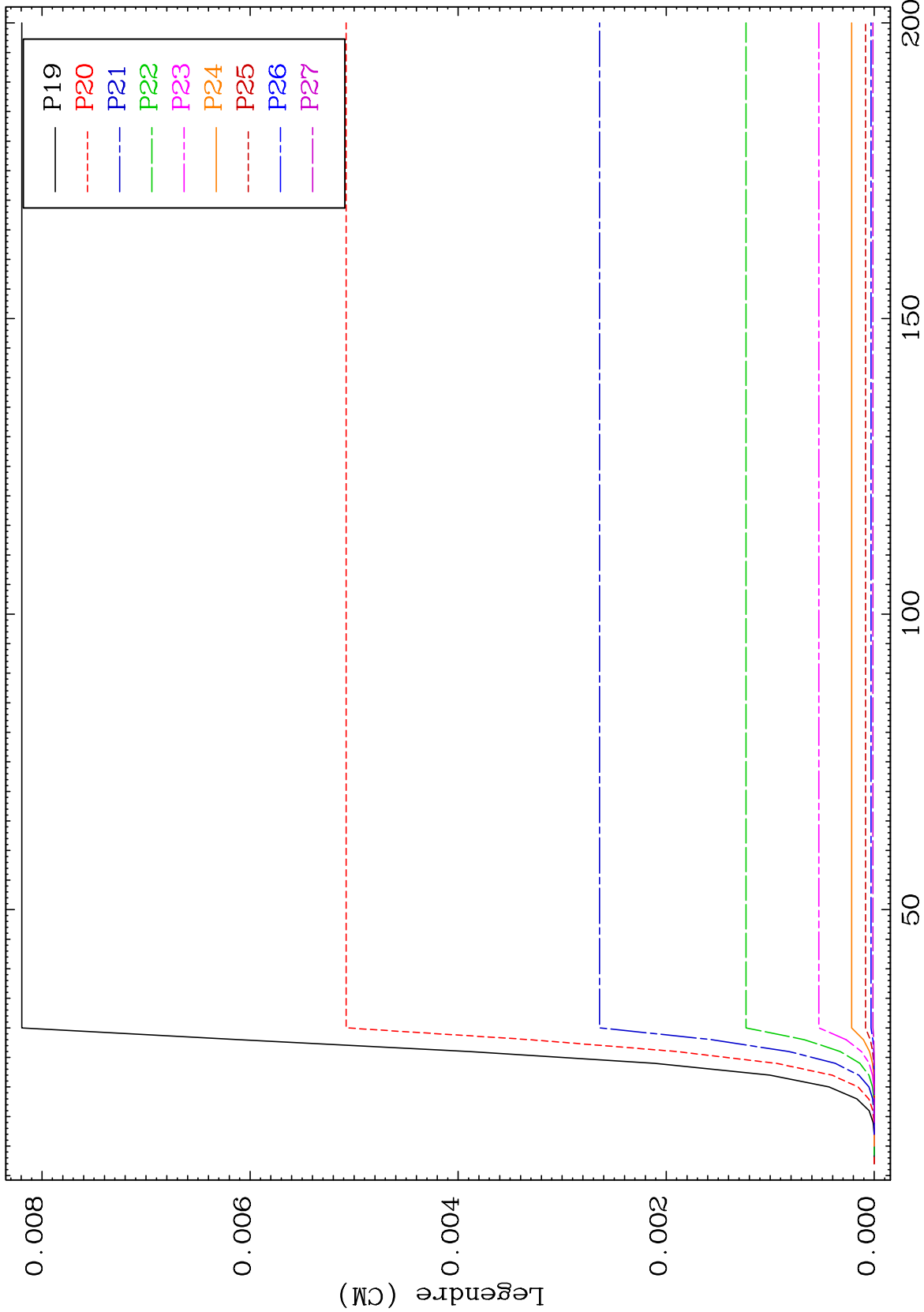
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



115

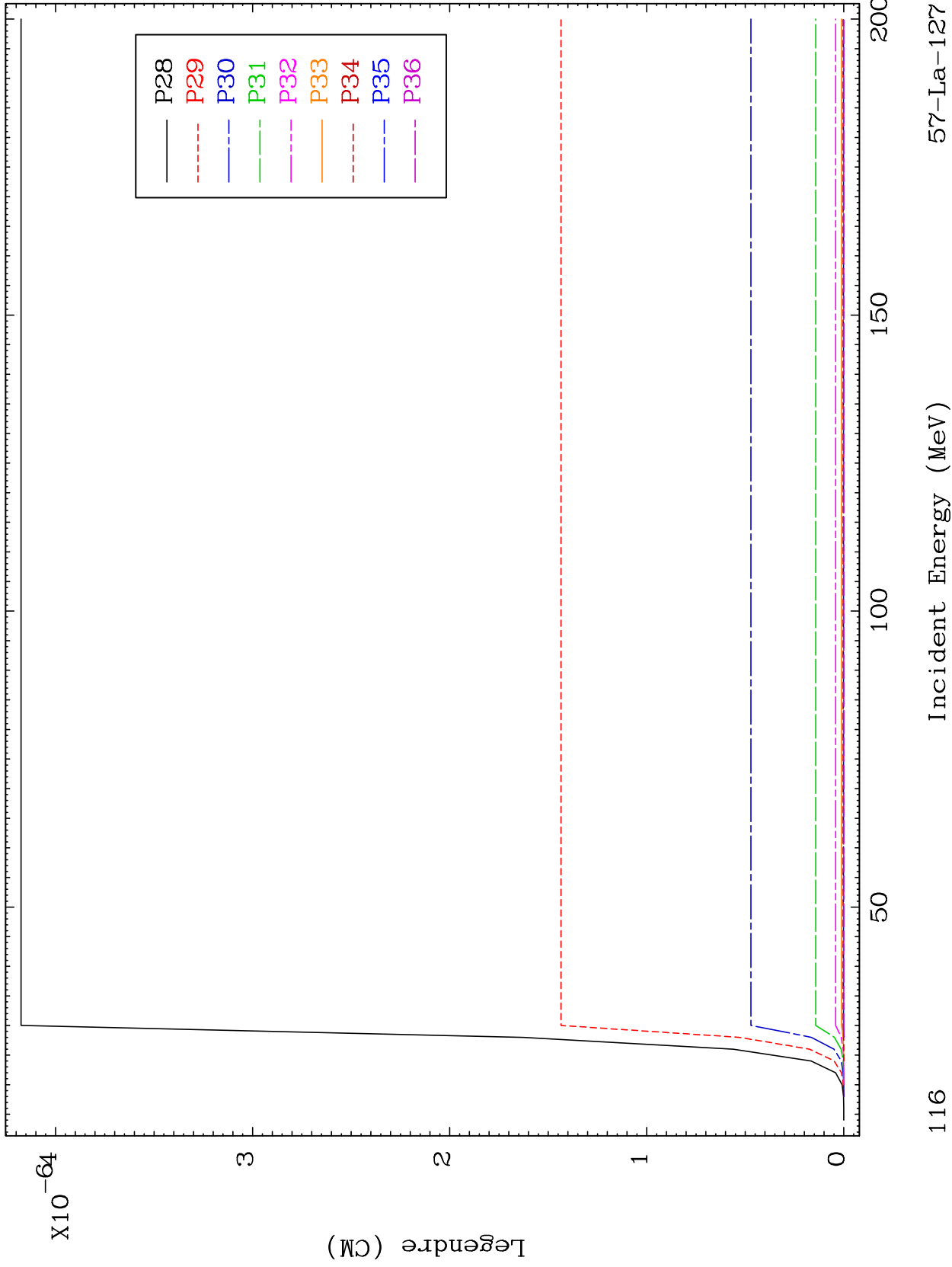
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



116

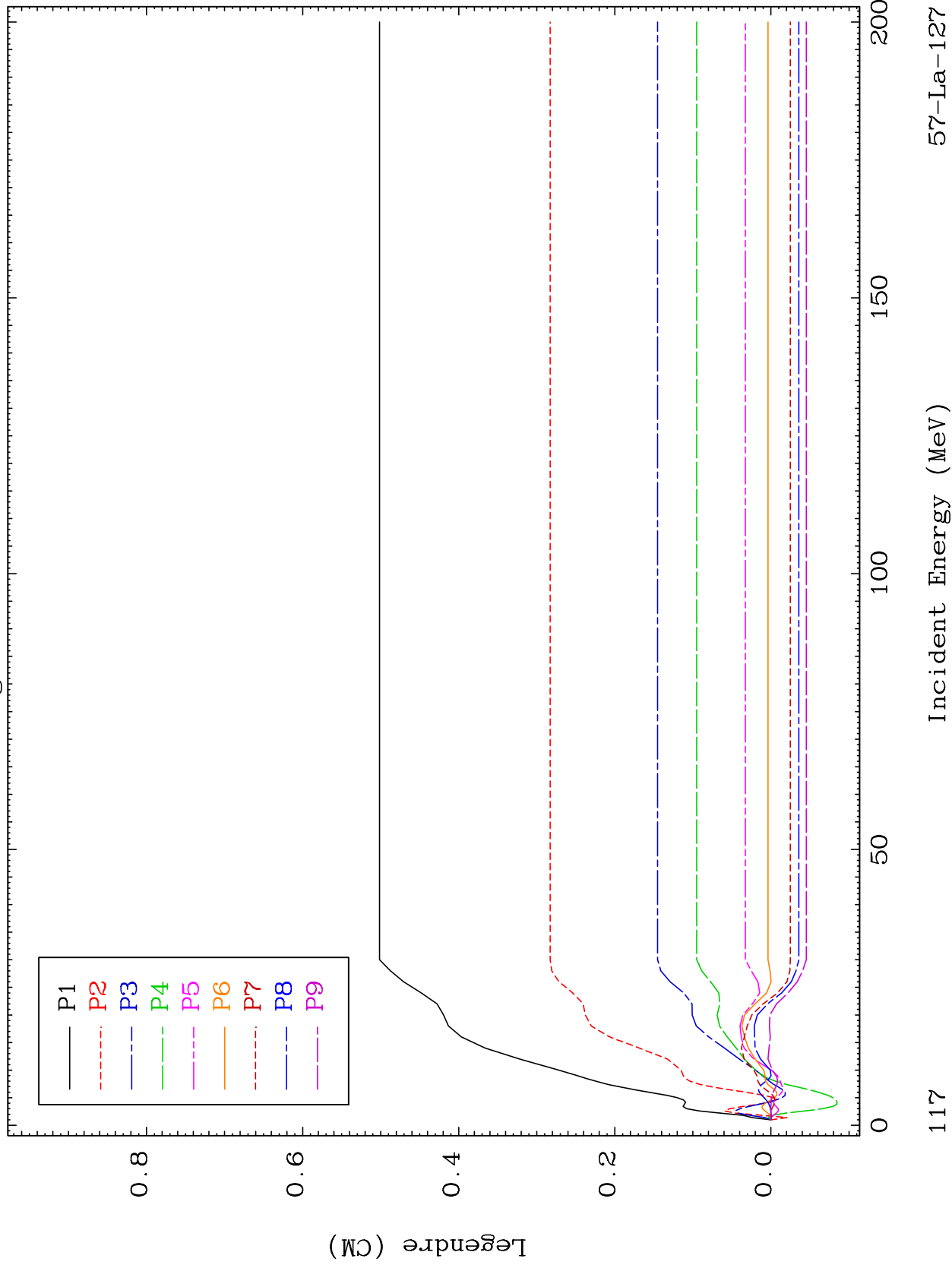
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



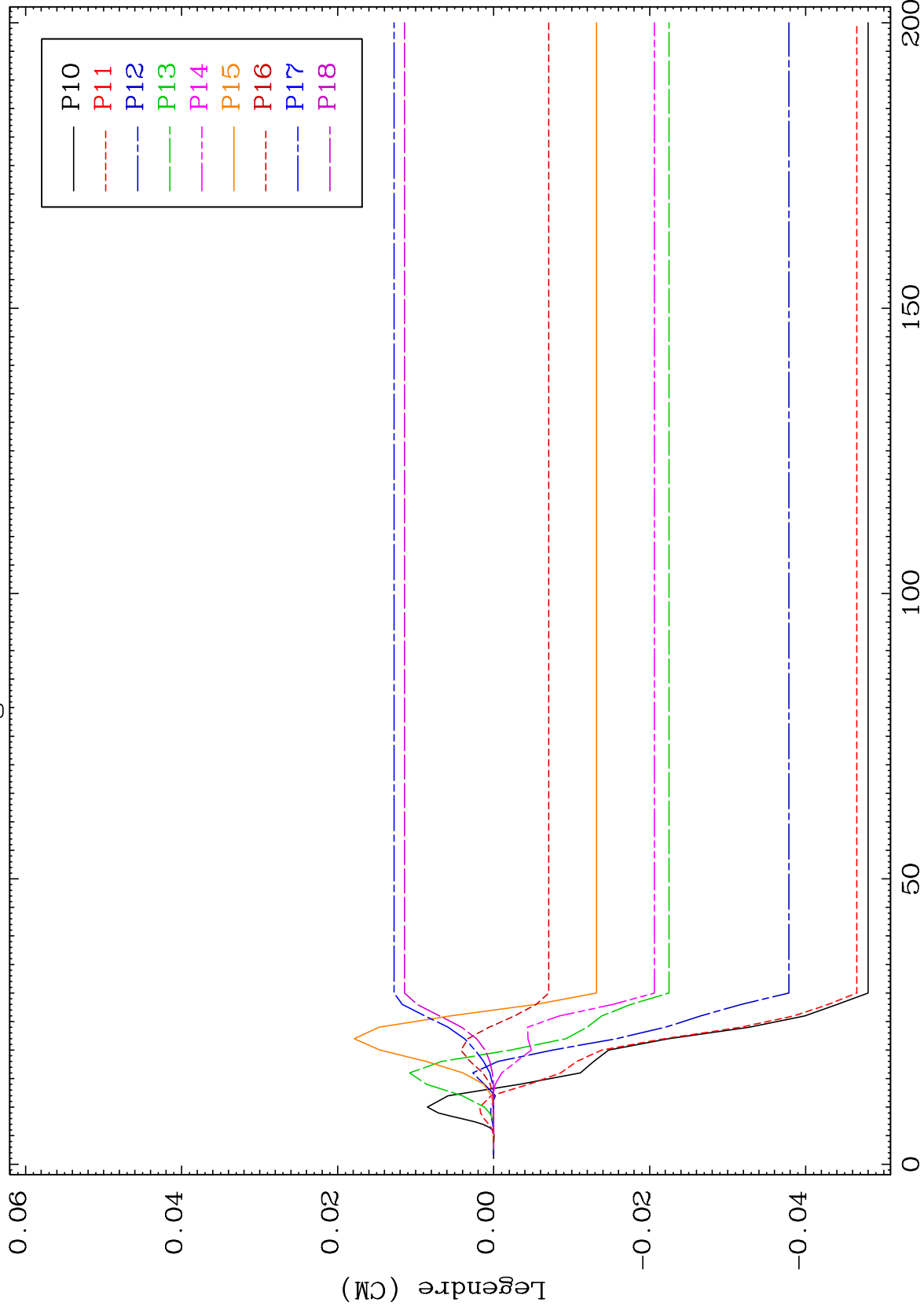
117

57-La-127

MAT 5692

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

57-La-127



118

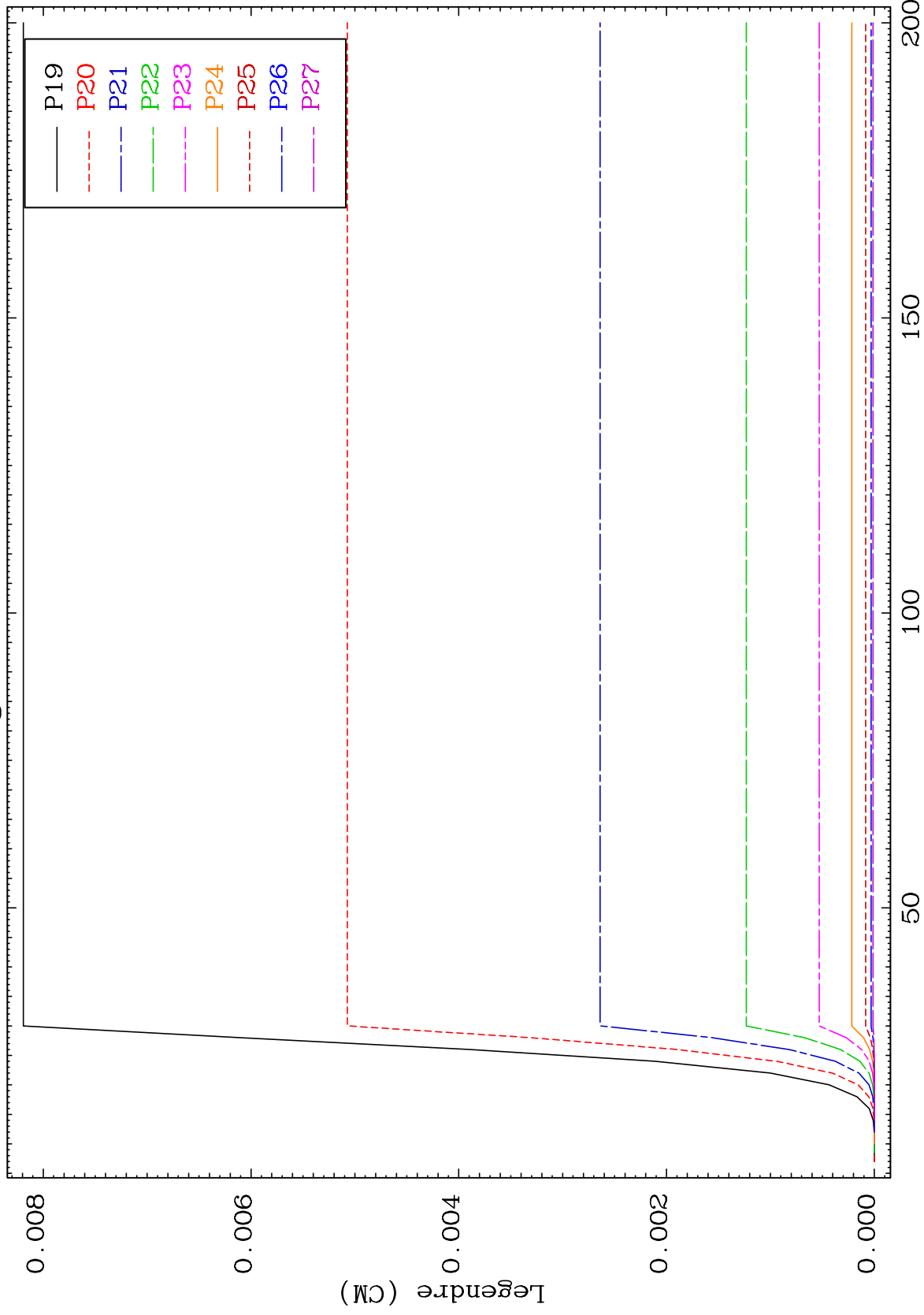
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



119

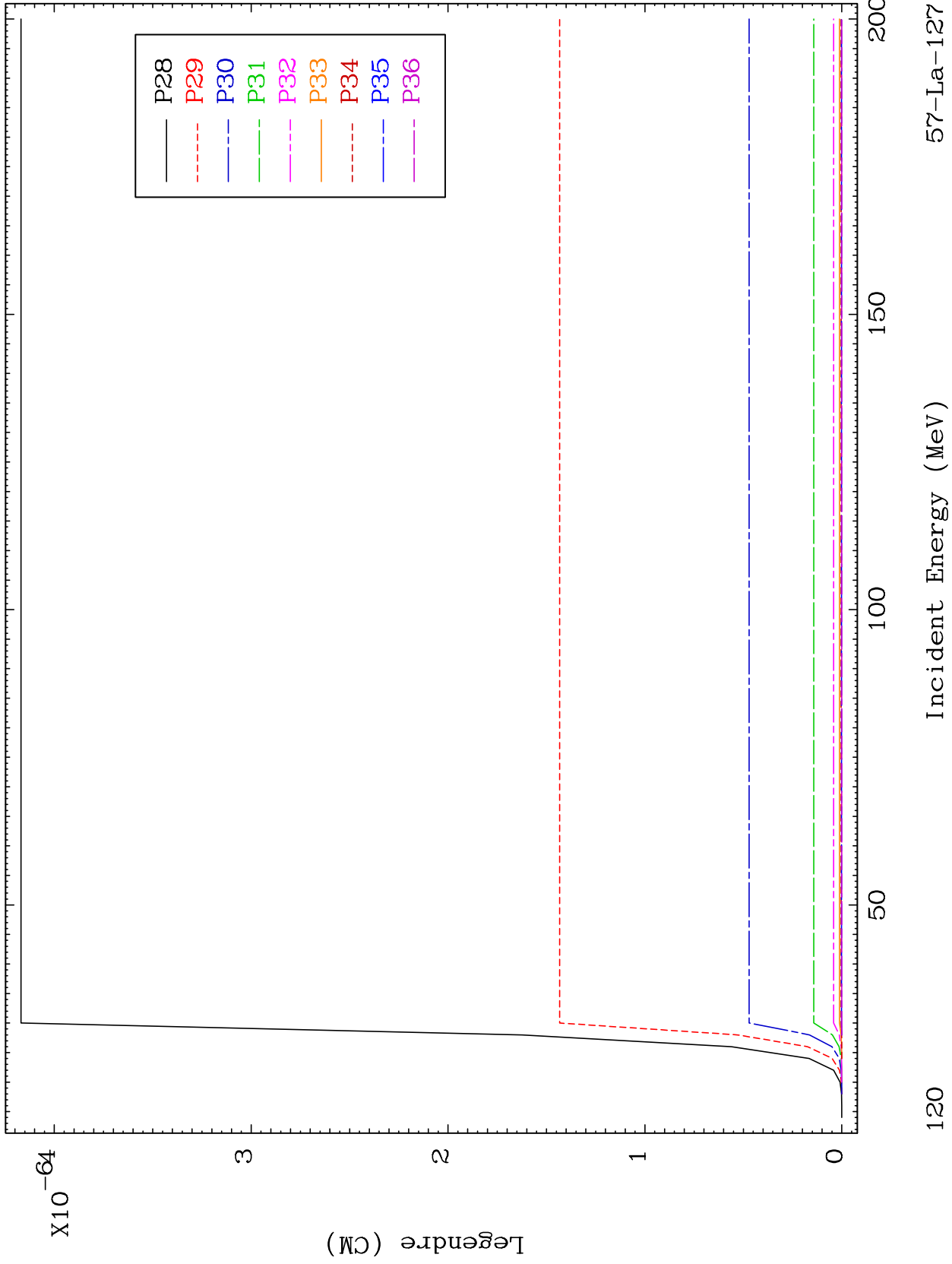
Incident Energy (MeV)

57-La-127

MAT 5692

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

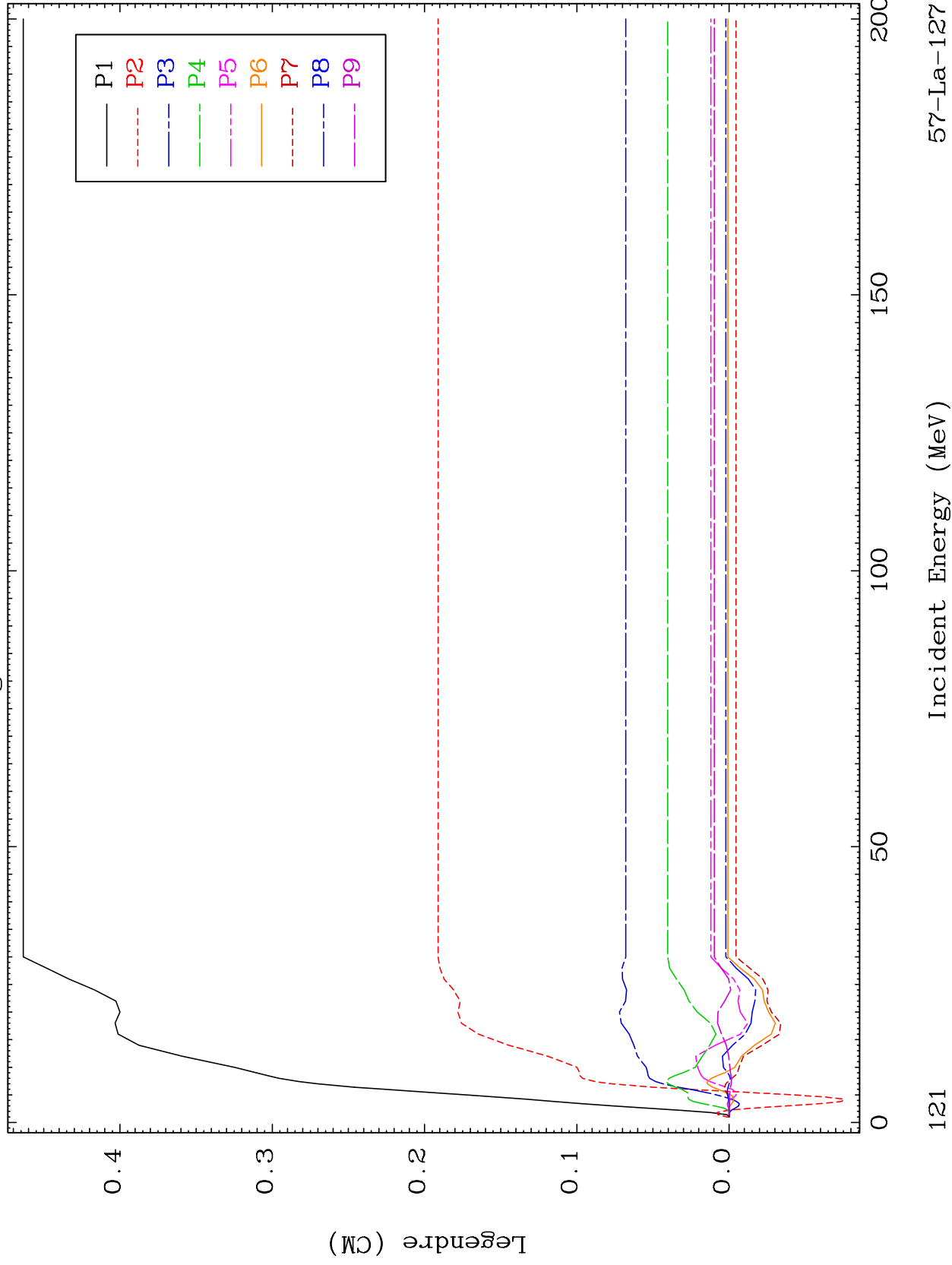
57-La-127



MAT 5692

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

57-La-127



57-La-127

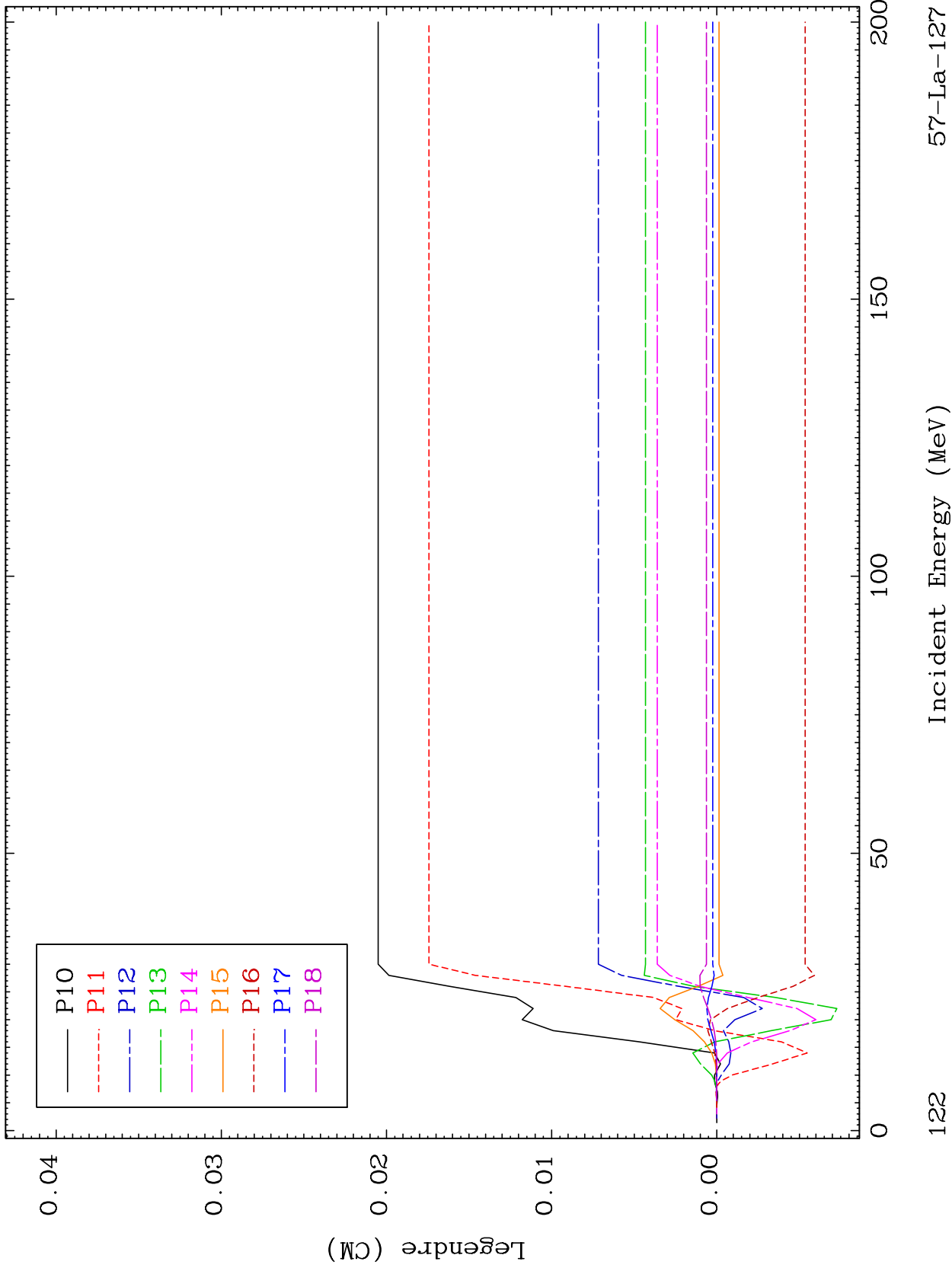
Incident Energy (MeV)

121

MAT 5692

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

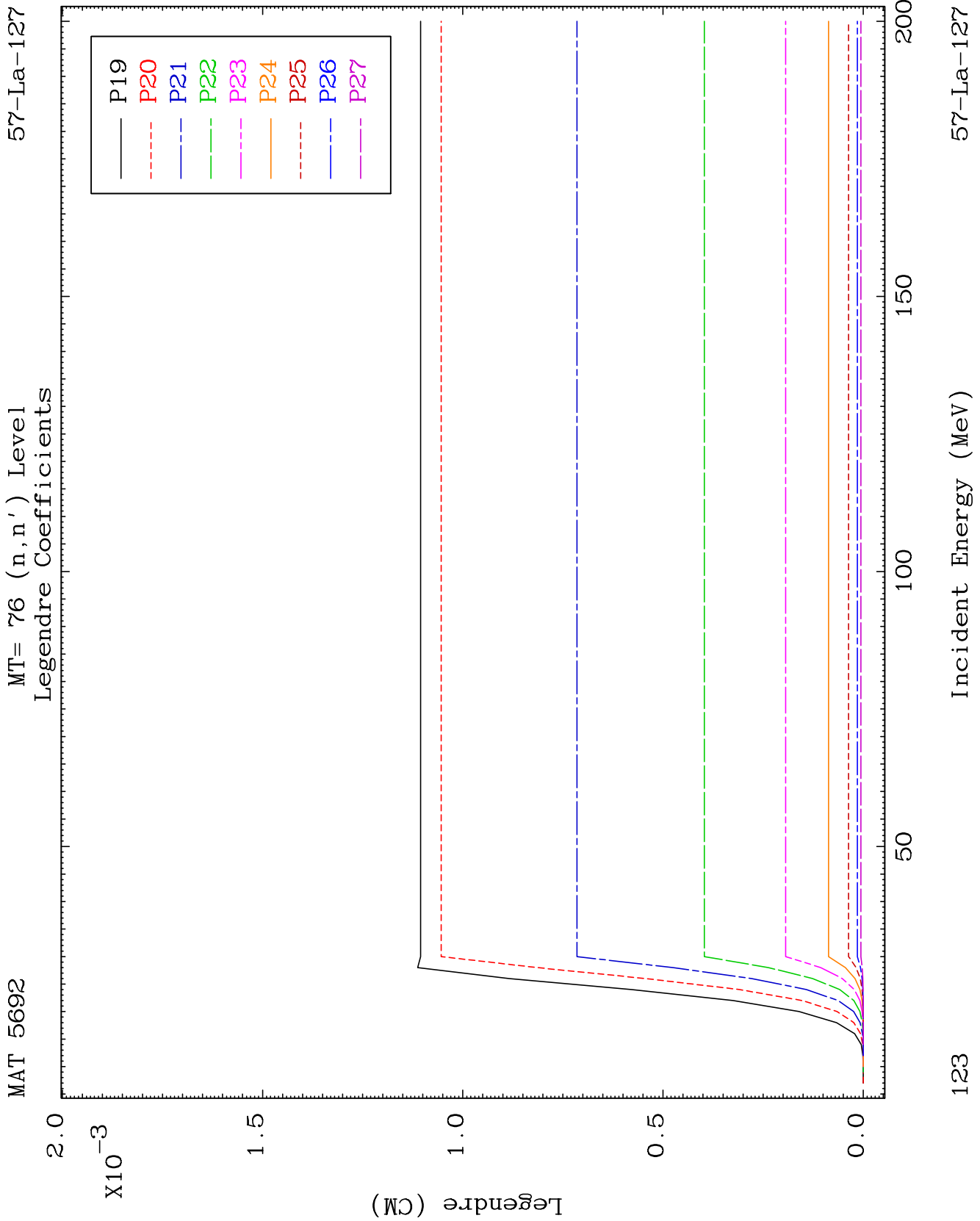
57-La-127



57-La-127

Incident Energy (MeV)

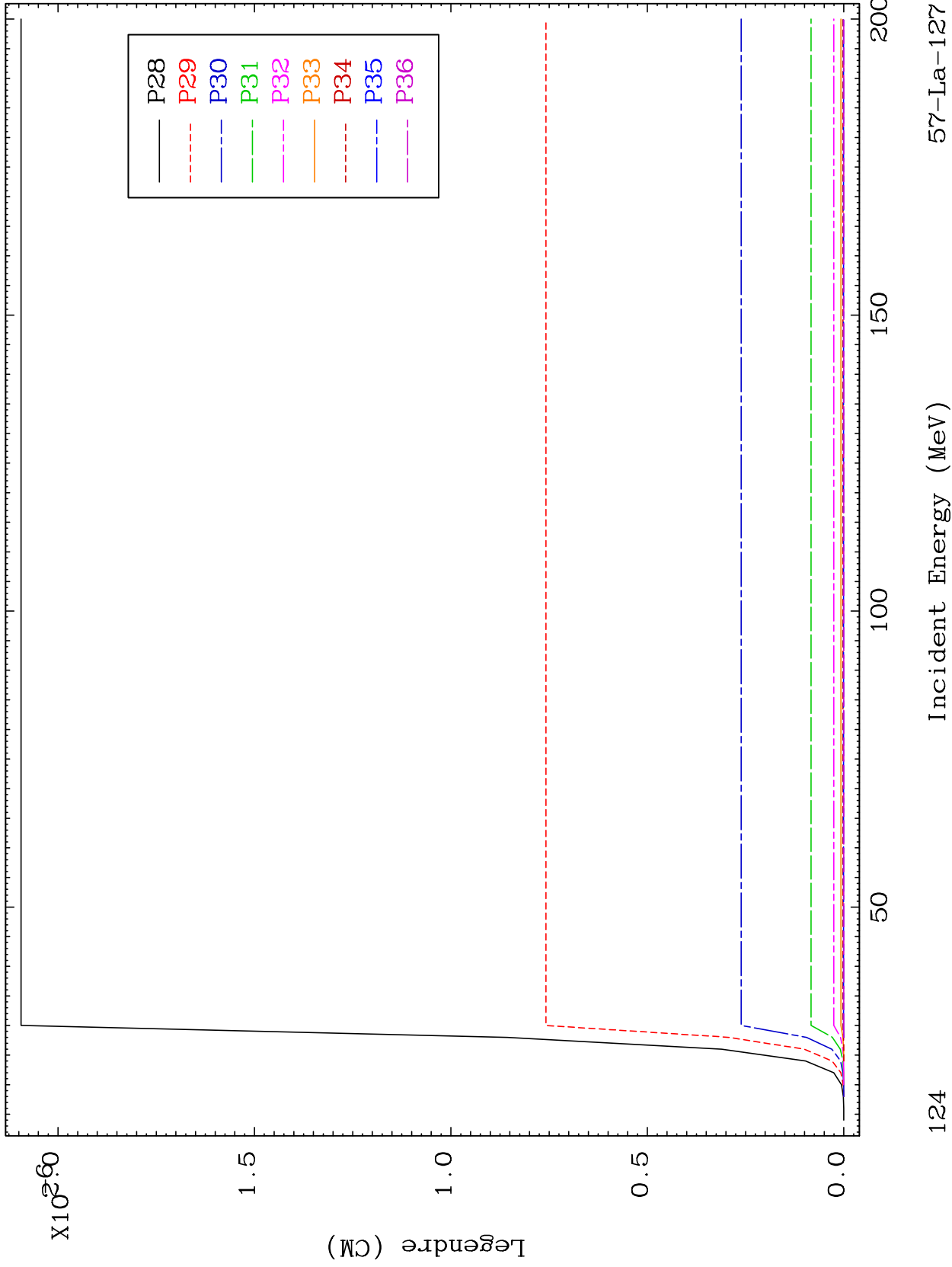
122



MAT 5692

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

57-La-127



124

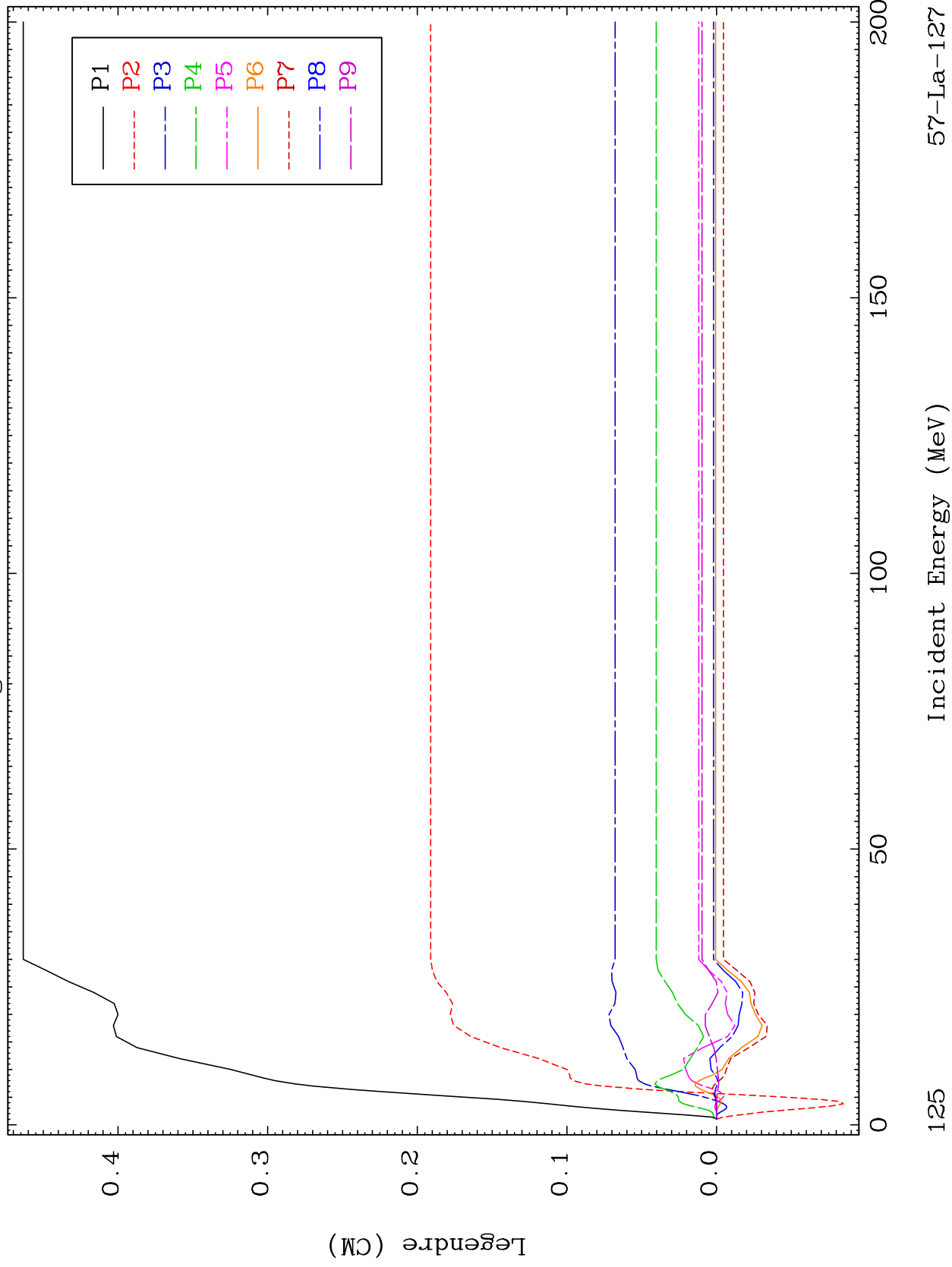
Incident Energy (MeV)

57-La-127

MAT 5692

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

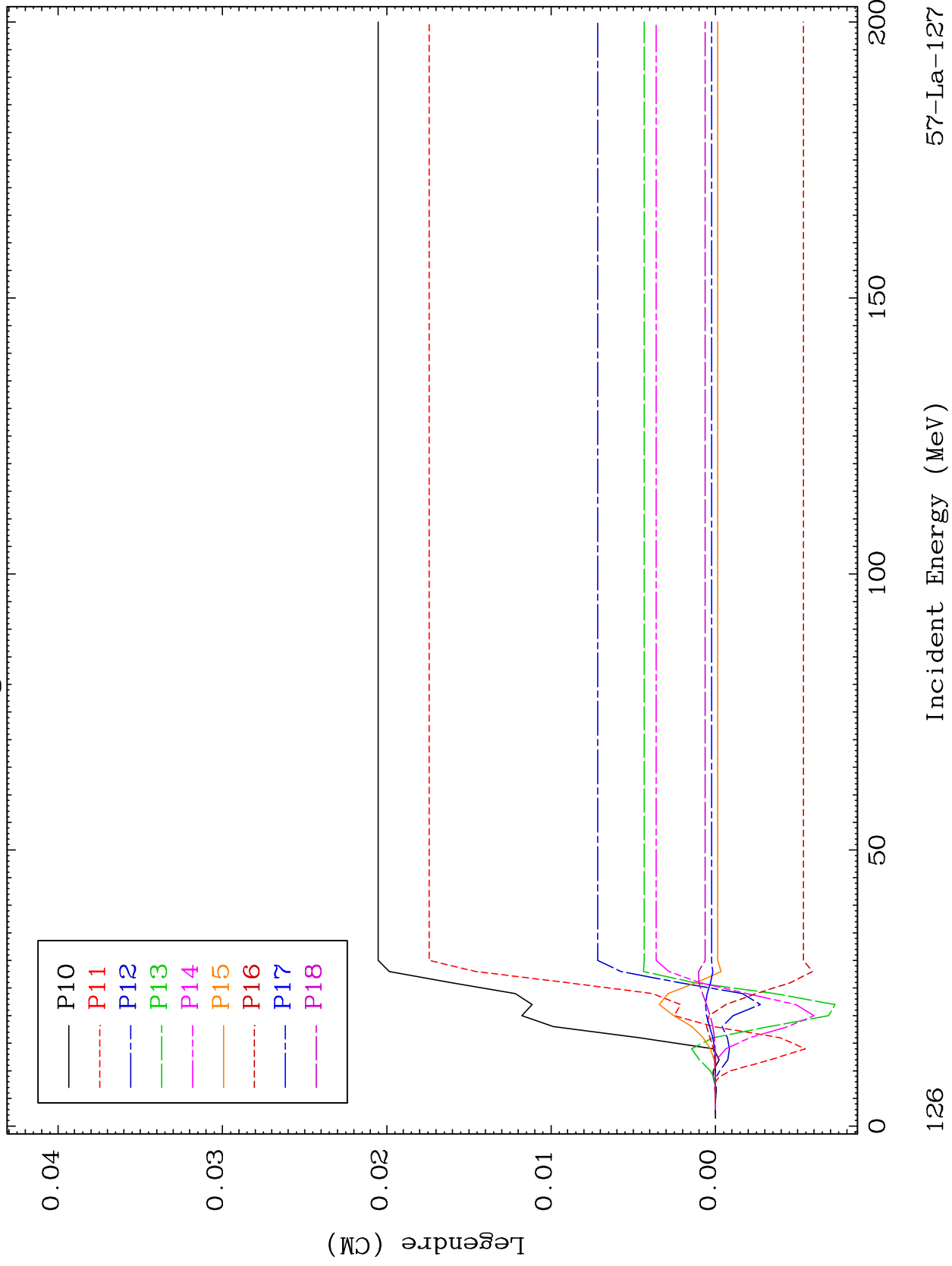
57-La-127



MAT 5692

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

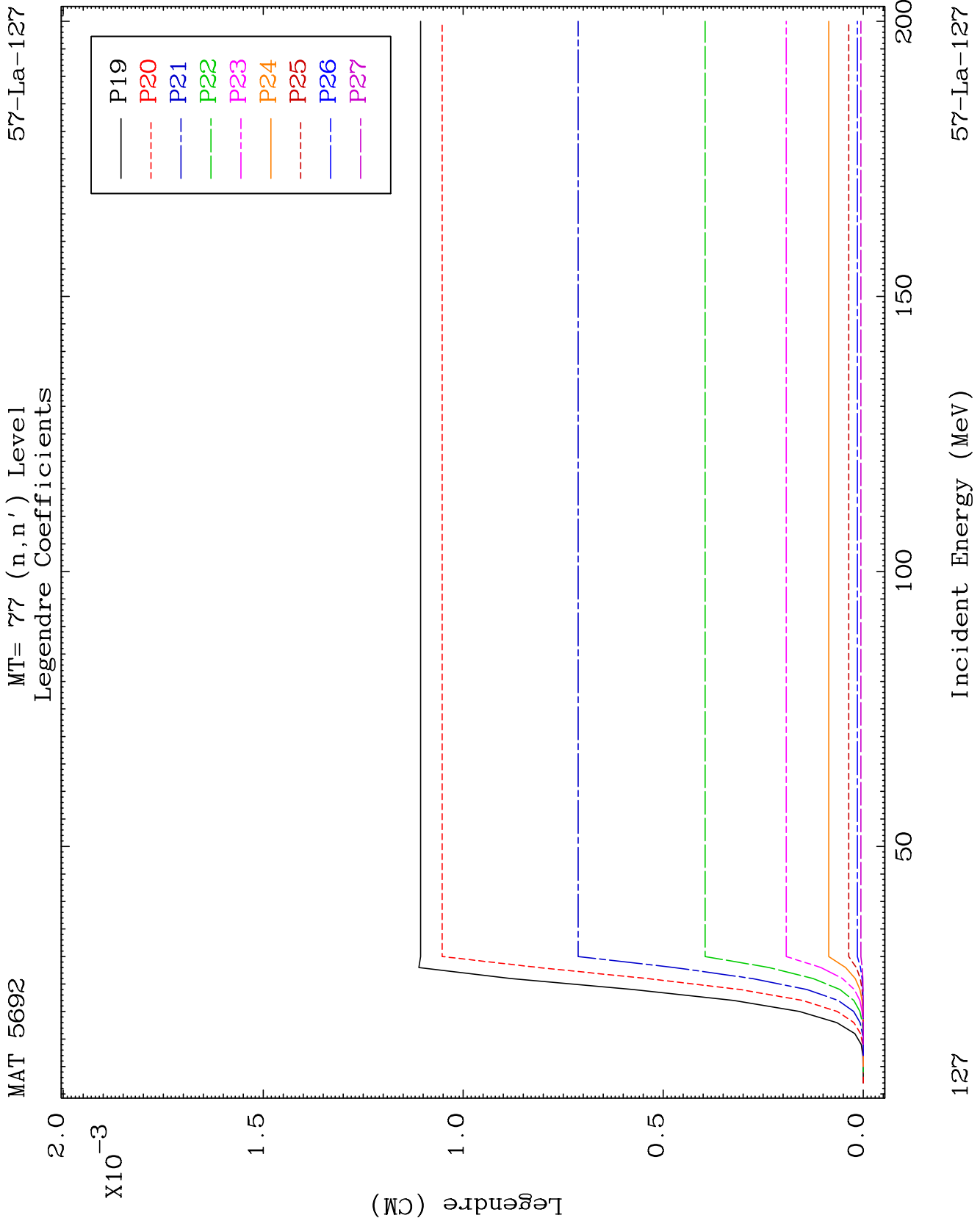
57-La-127



57-La-127

Incident Energy (MeV)

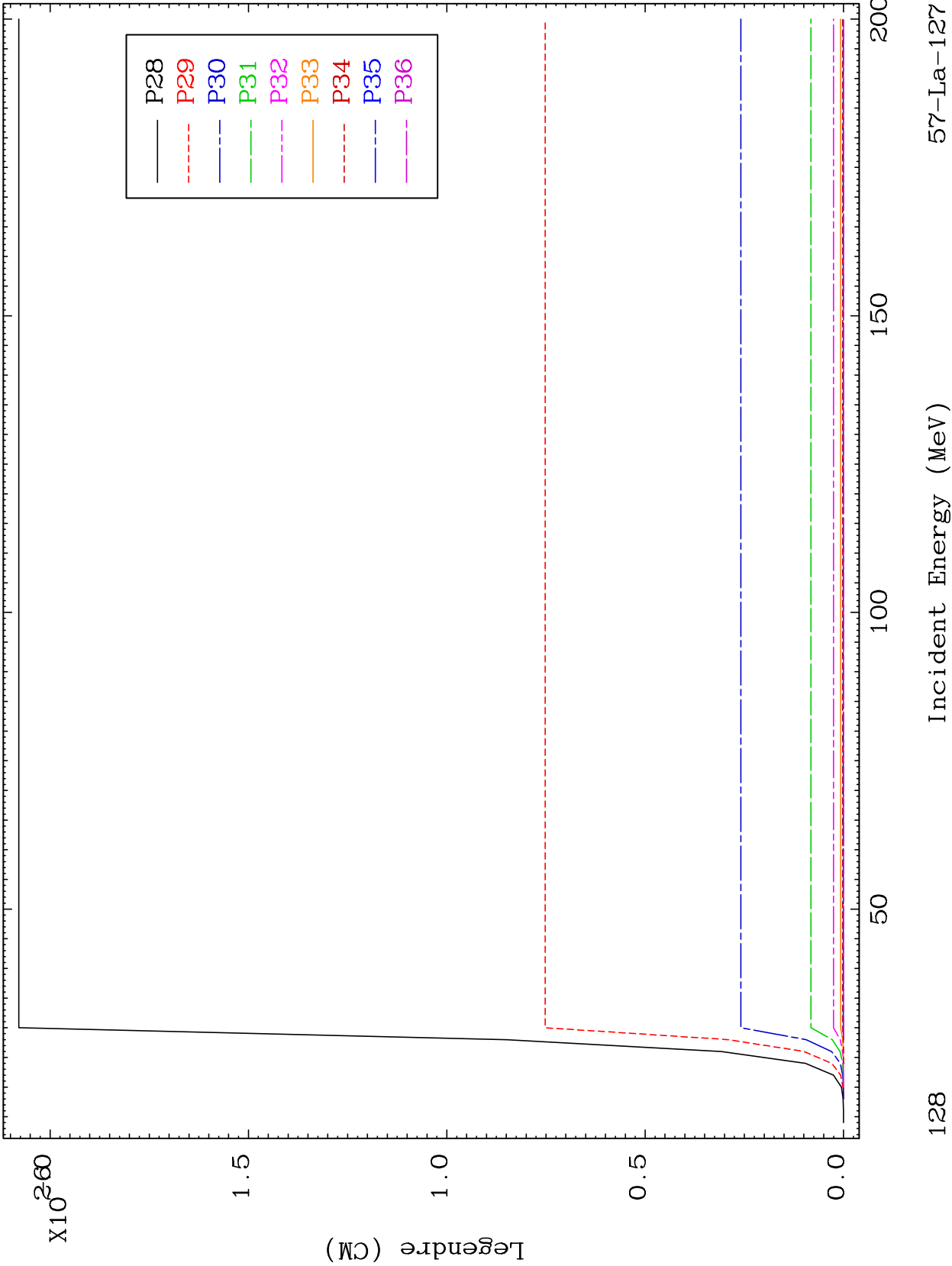
126



MAT 5692

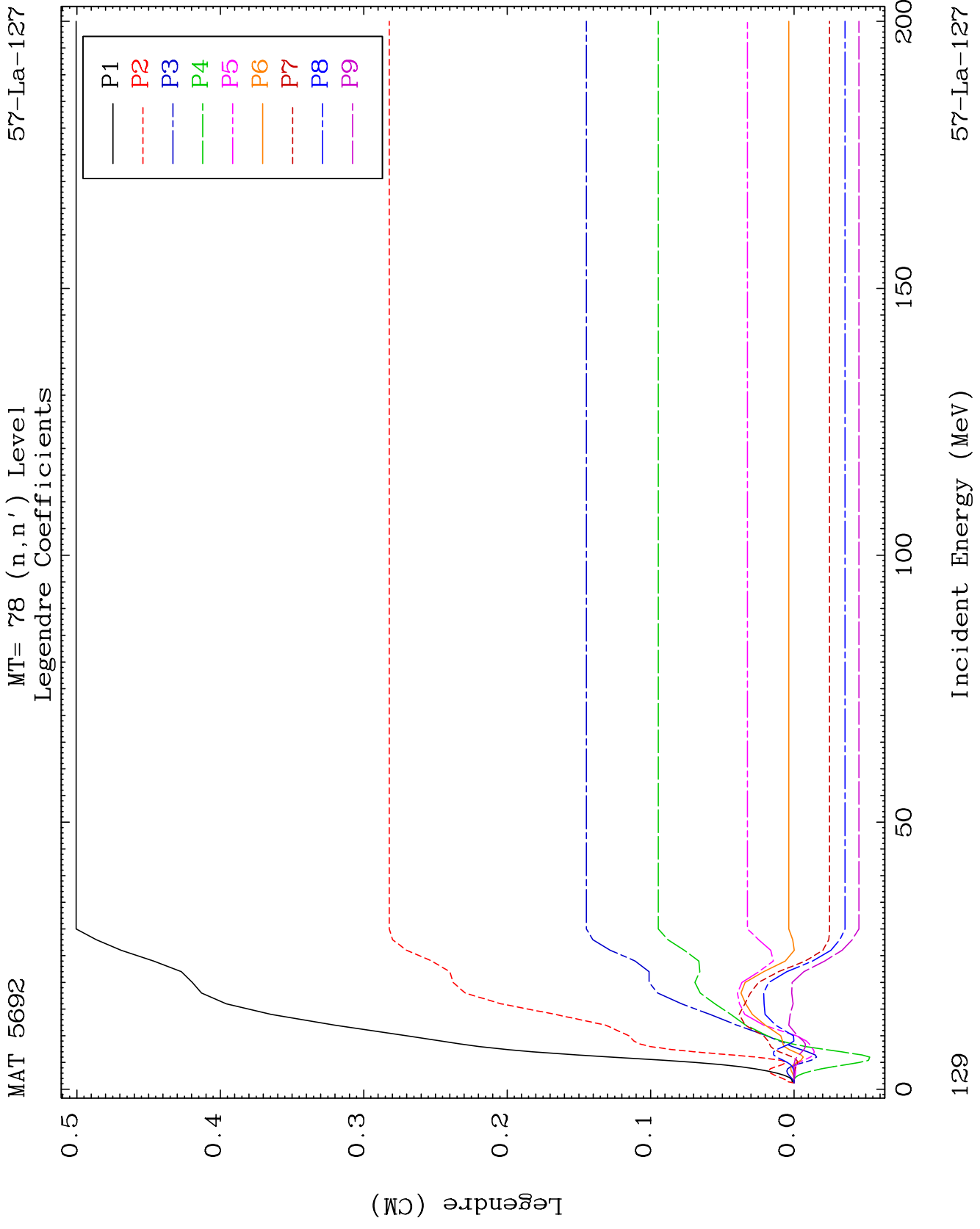
MT= 77 (n,n') Level
Legendre Coefficients

57-La-127



128

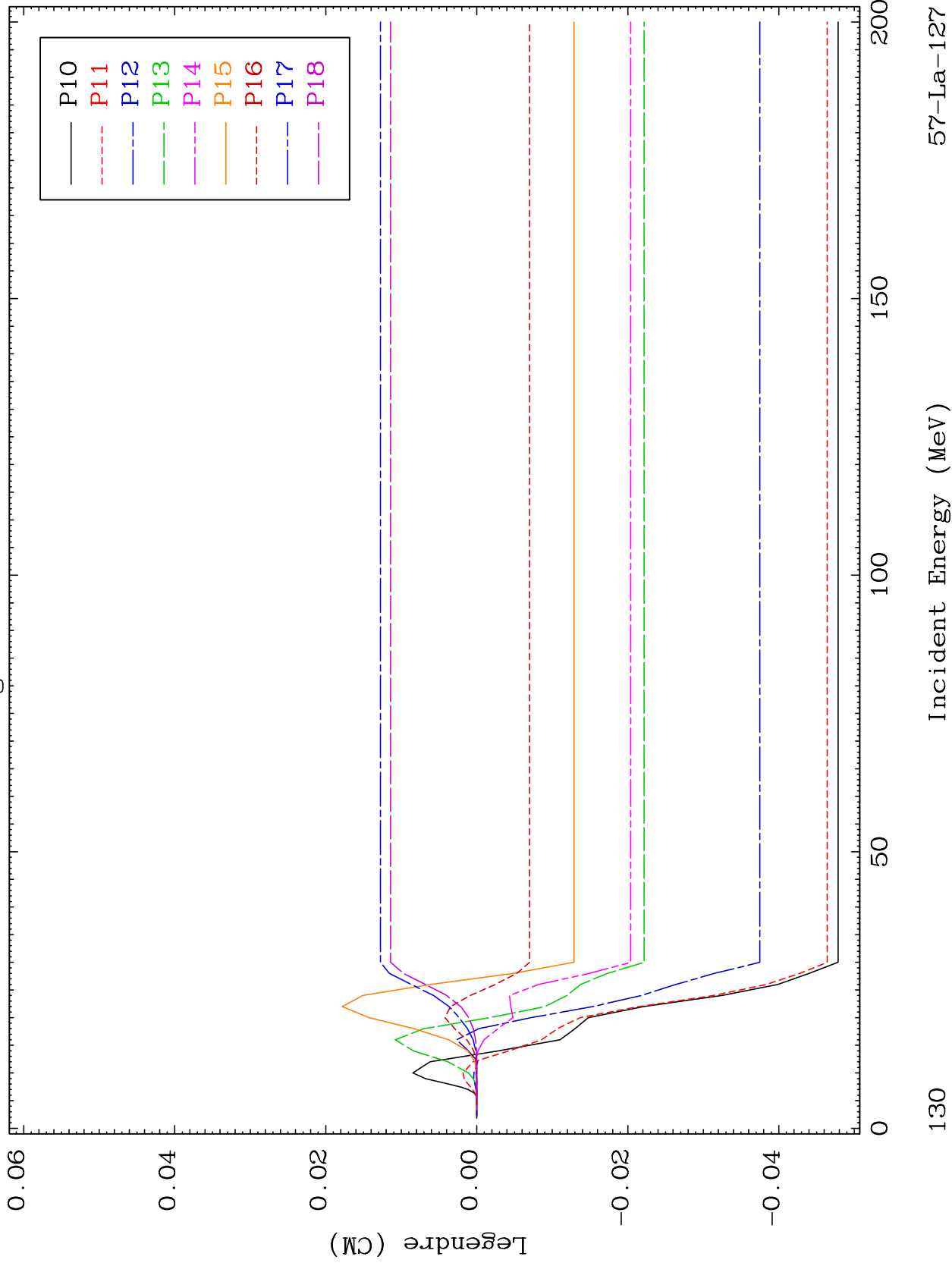
57-La-127



MAT 5692

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

57-La-127



57-La-127

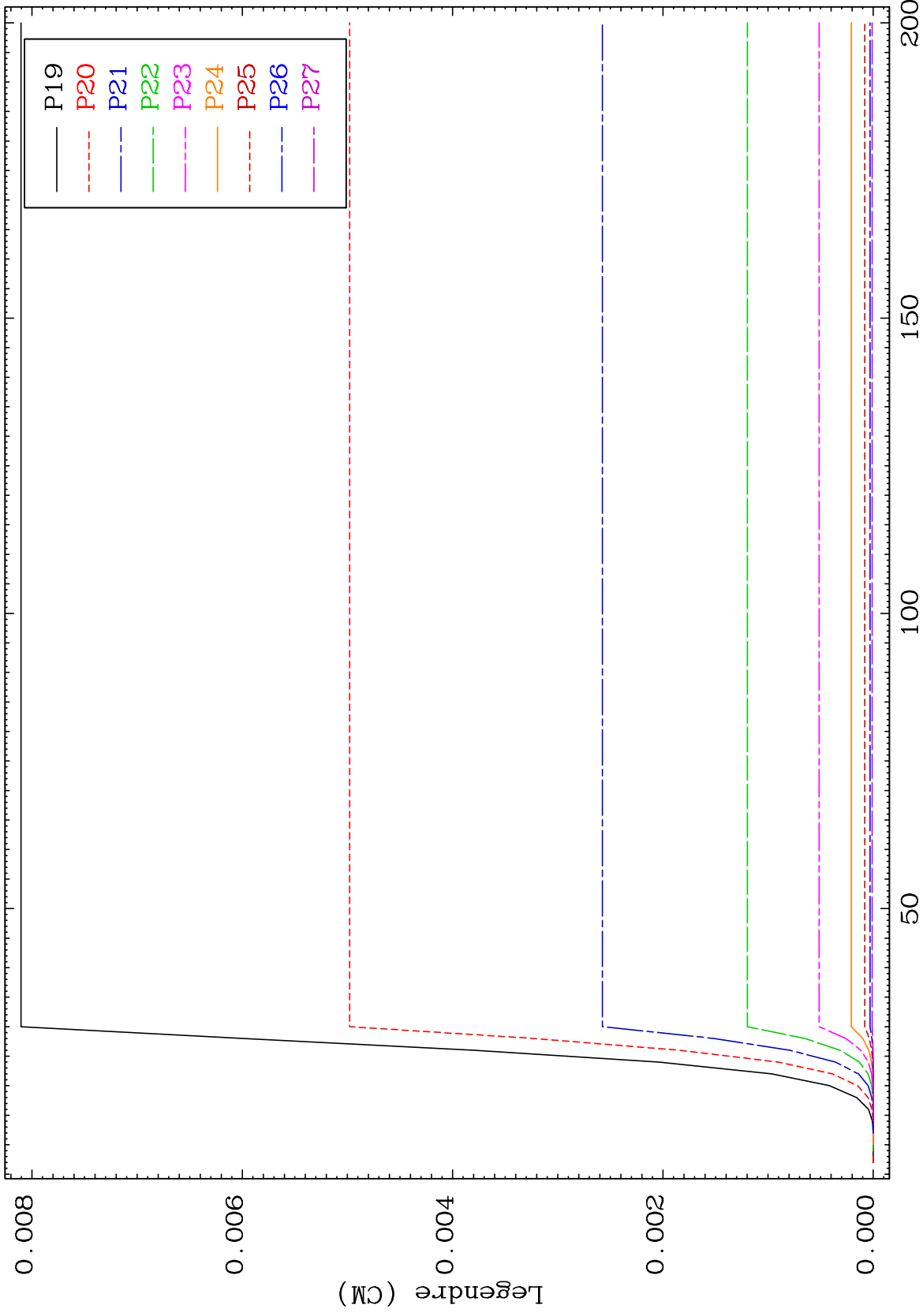
Incident Energy (MeV)

130

MAT 5692

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

57-La-127



131

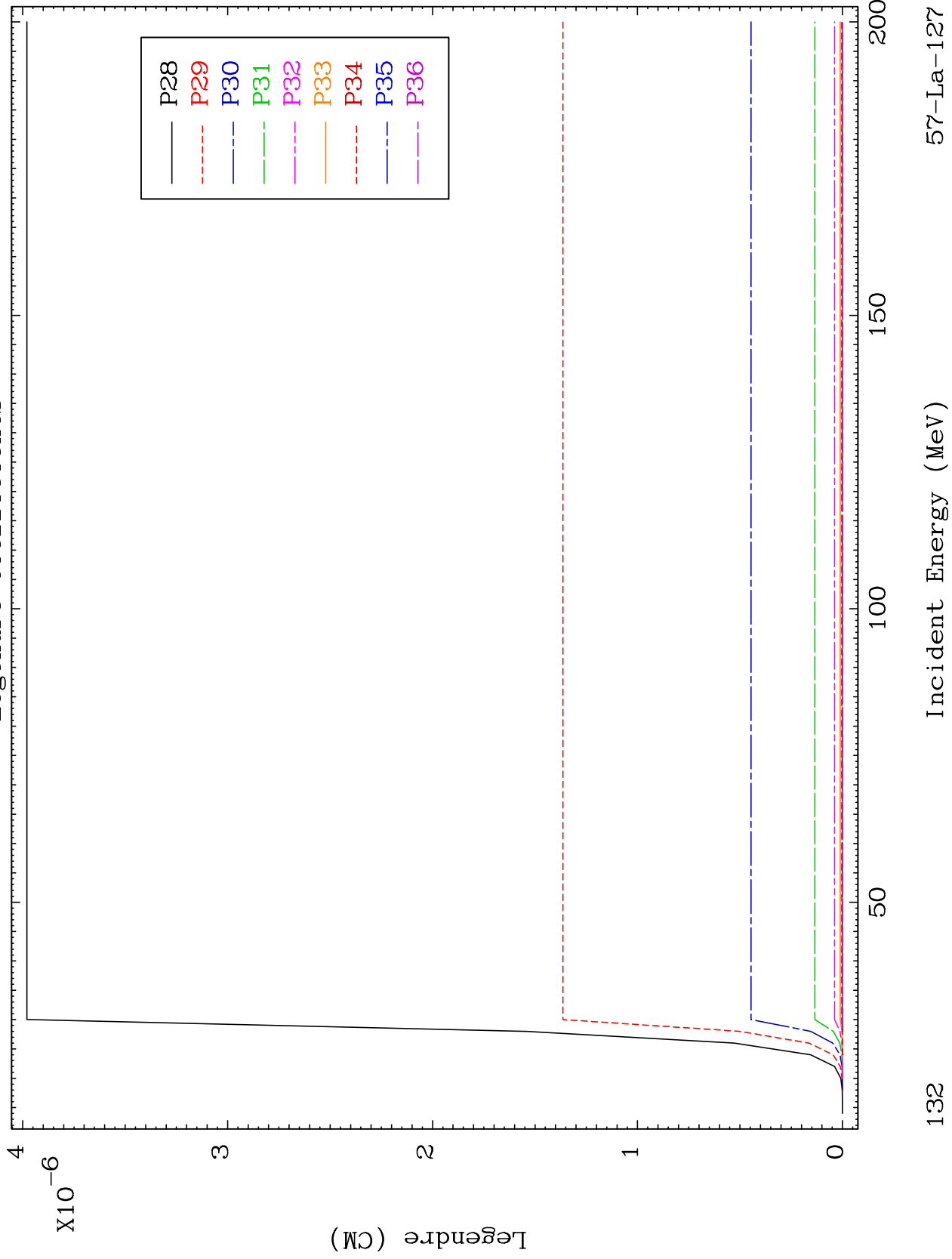
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



132

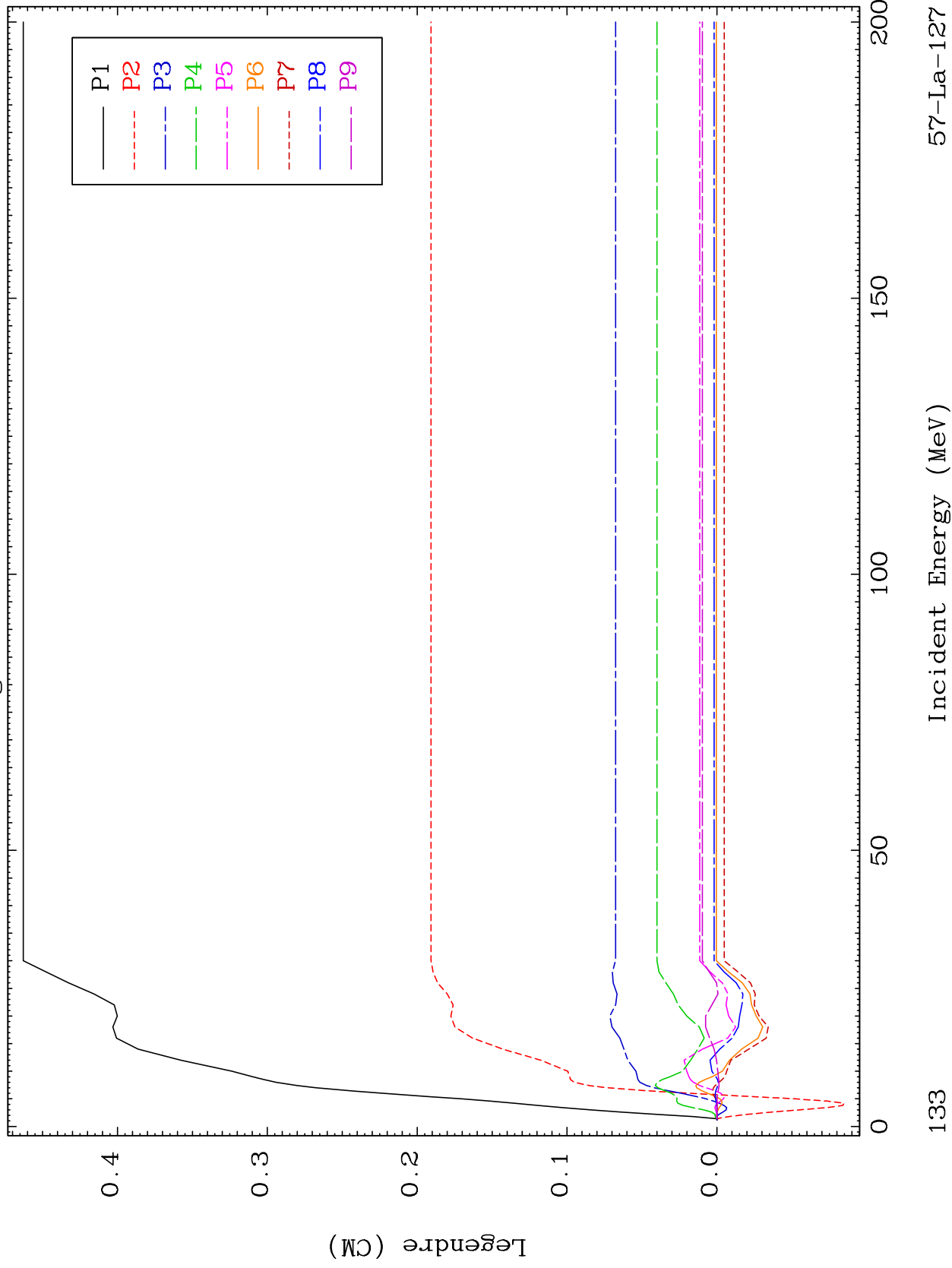
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



57-La-127

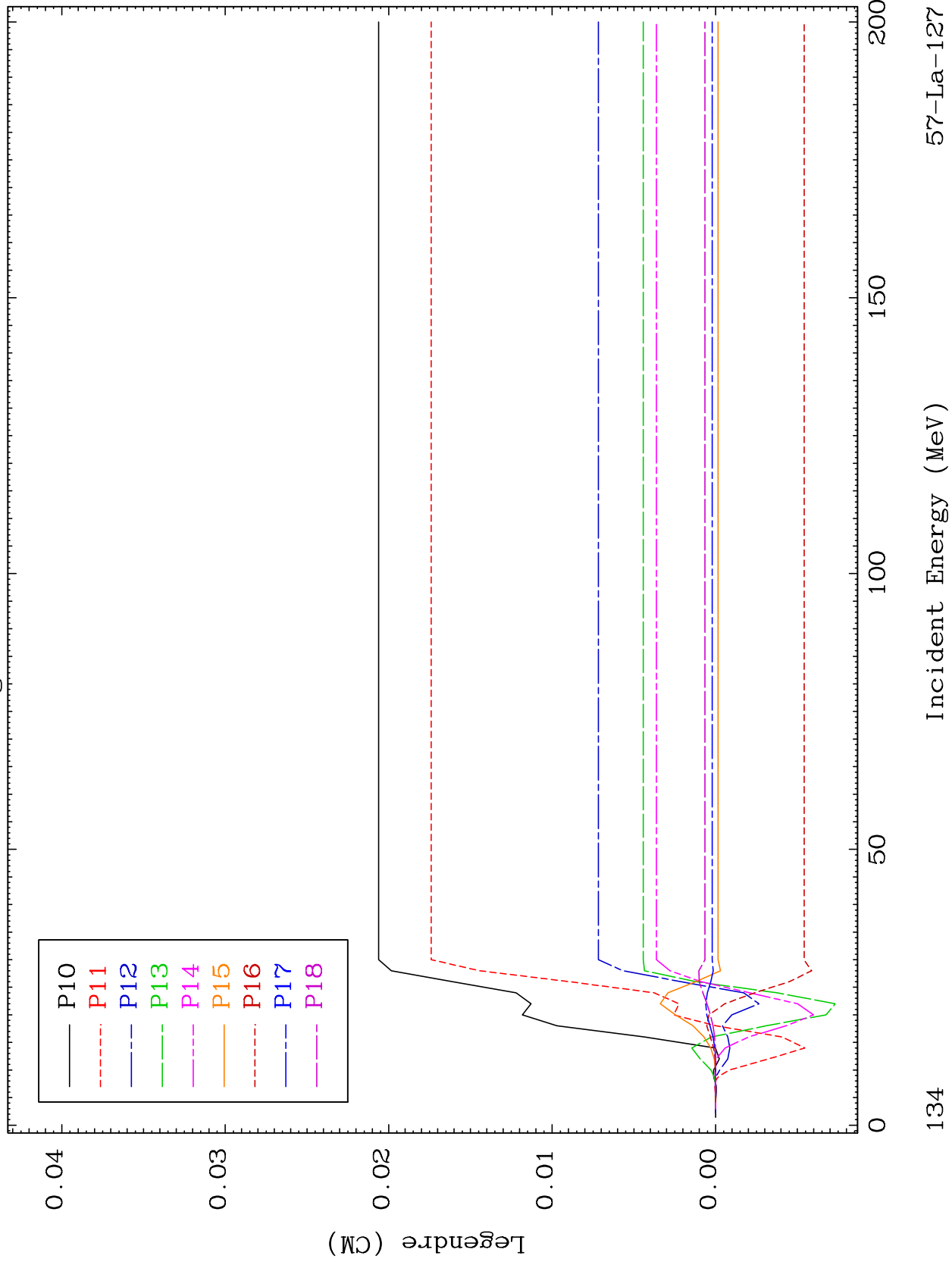
Incident Energy (MeV)

133

MAT 5692

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

57-La-127



57-La-127

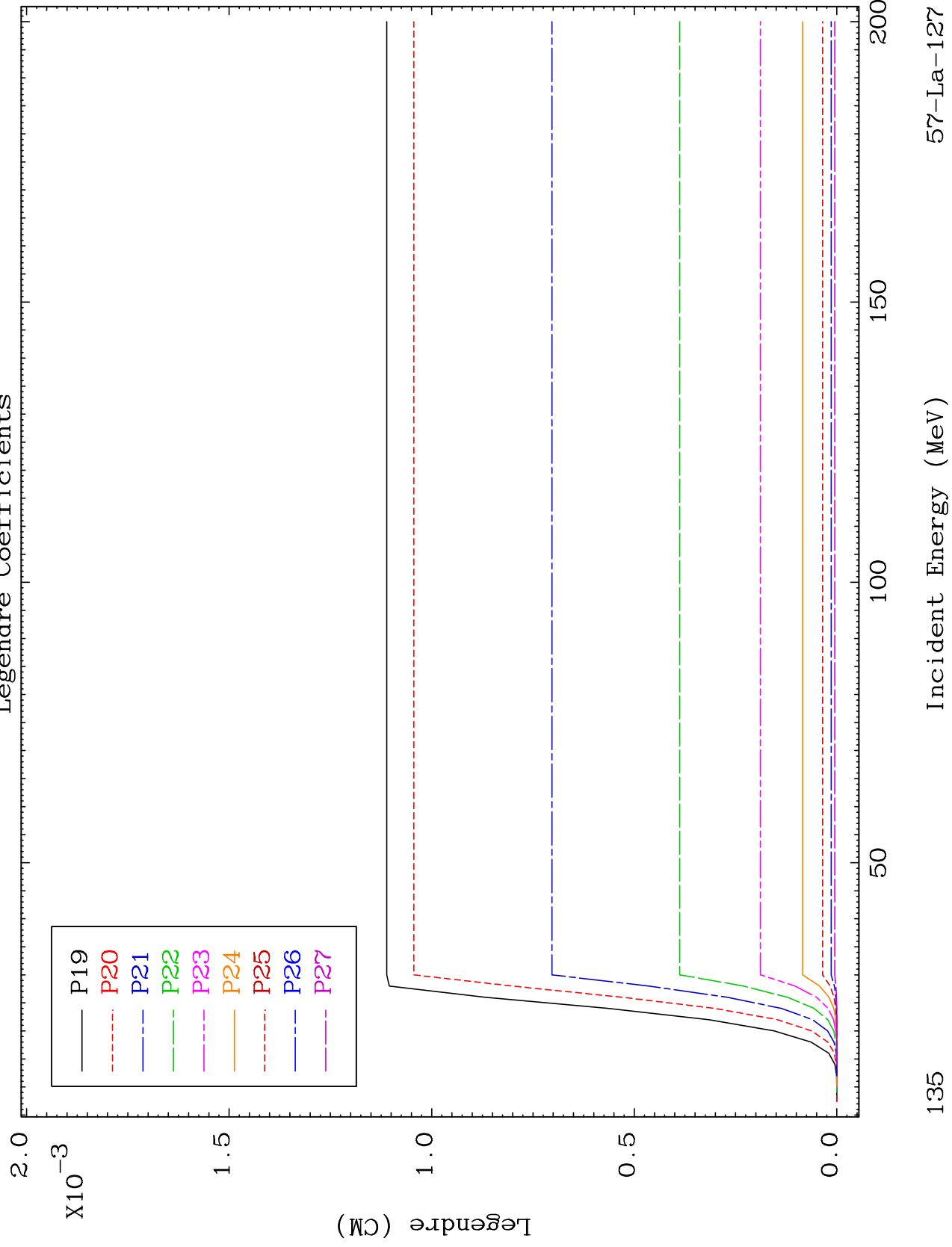
Incident Energy (MeV)

134

MAT 5692

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

57-La-127



135

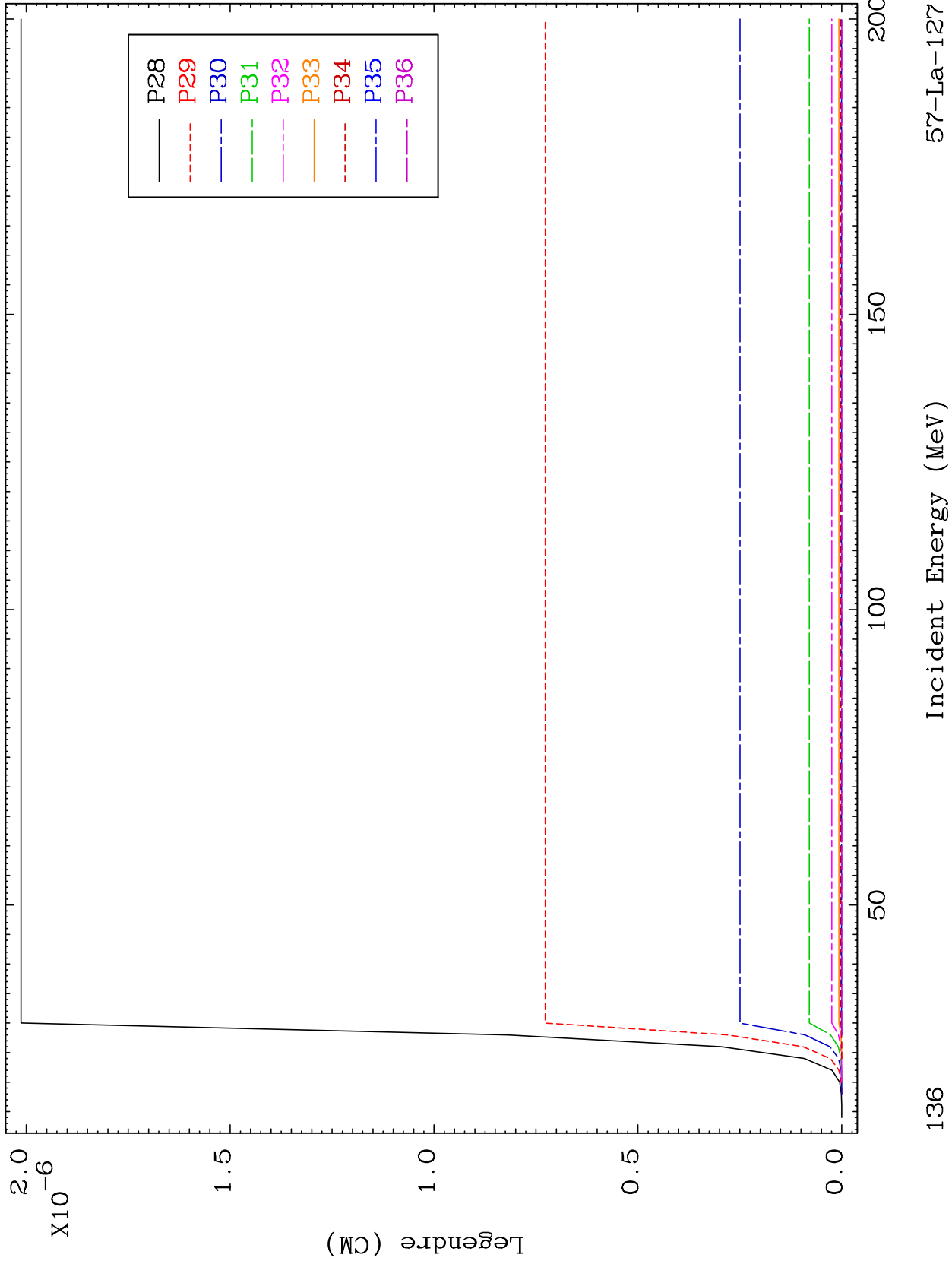
Incident Energy (MeV)

57-La-127

MAT 5692

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

57-La-127



136

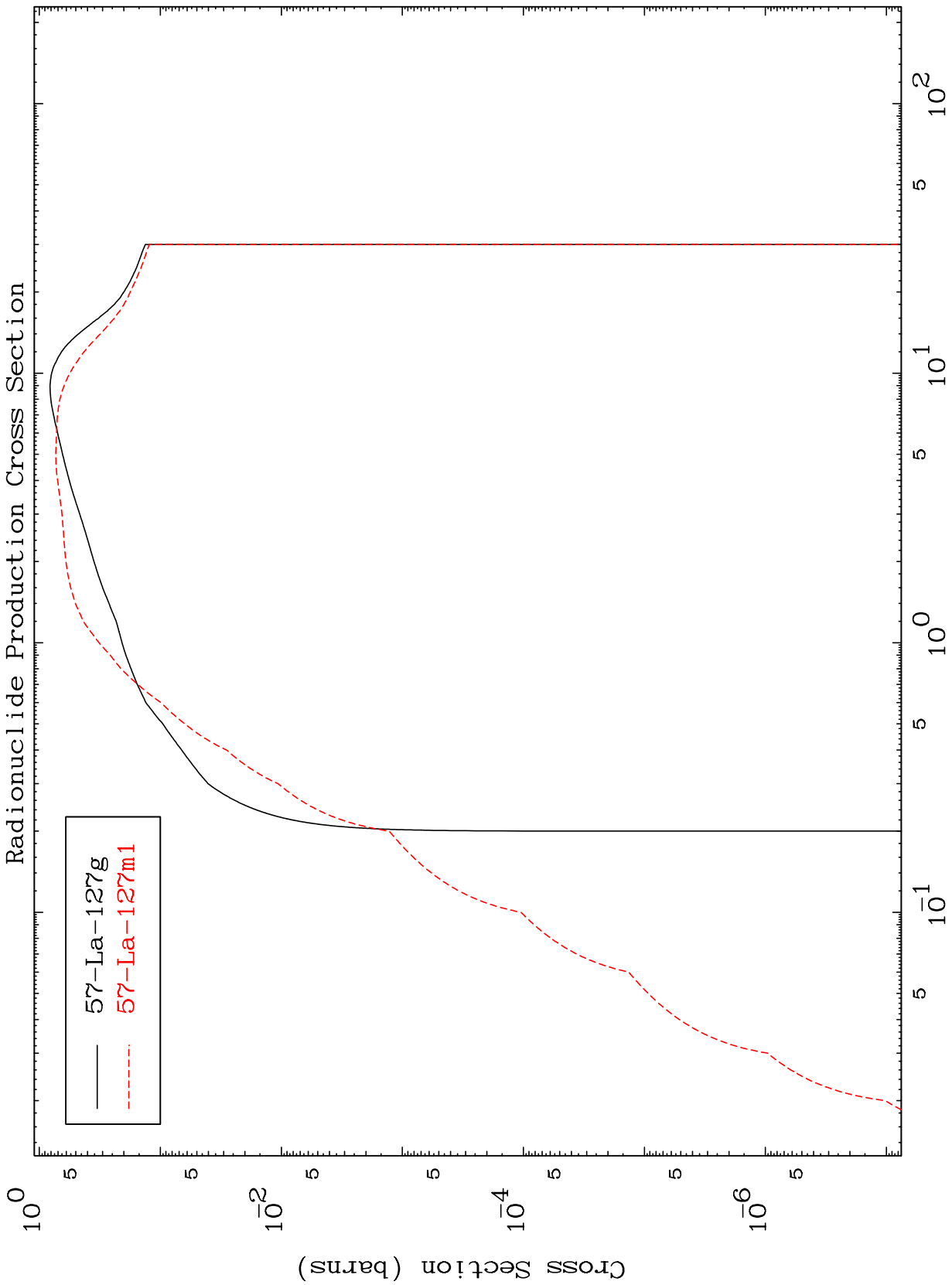
Incident Energy (MeV)

57-La-127

MAT 5692

57-La-127

Radionuclide Production Cross Section



57-La-127g
57-La-127m1

57-La-127

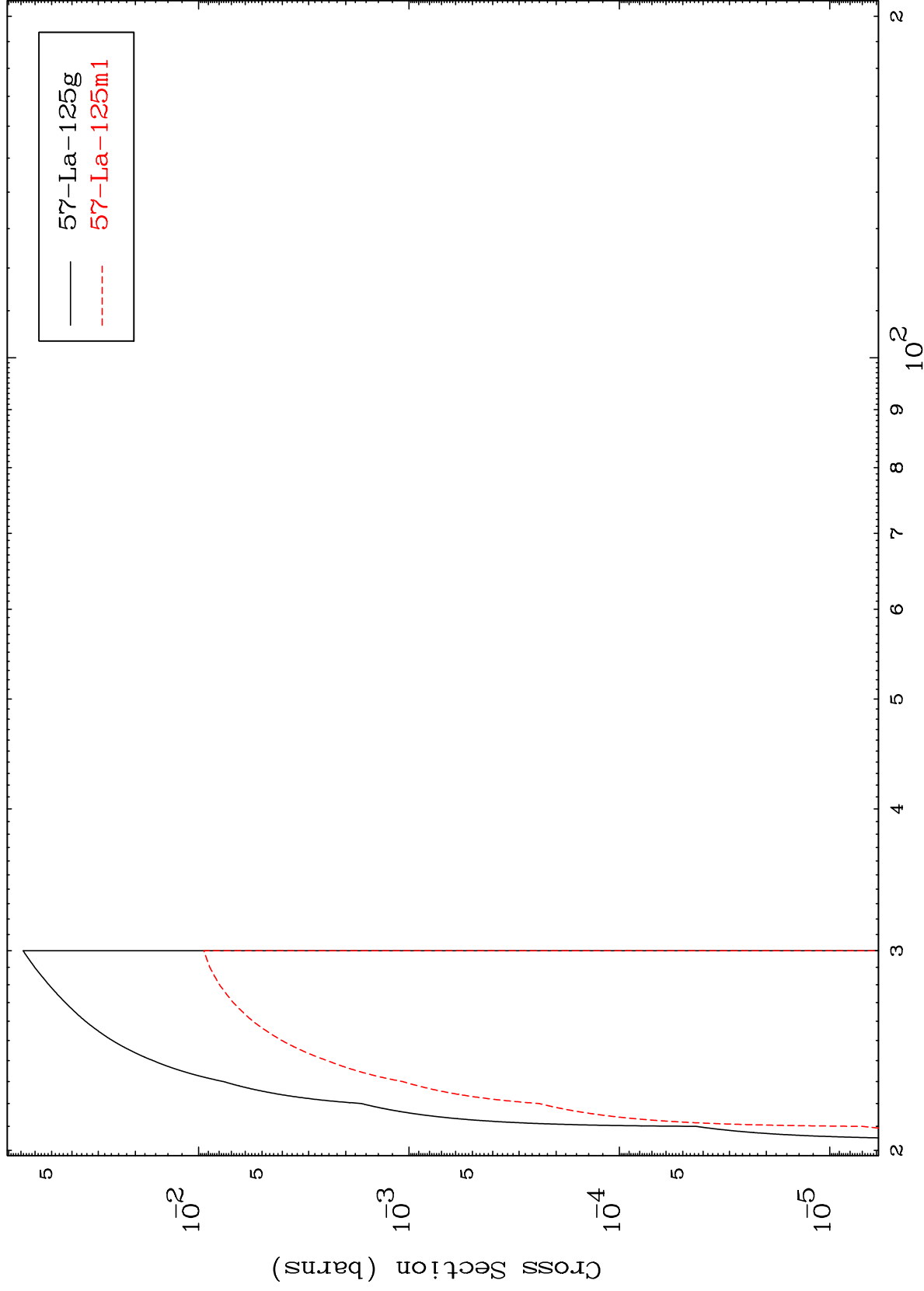
Incident Energy (MeV)

137

MAT 5692

57-La-127

(n,3n)
Radionuclide Production Cross Section



138

57-La-127

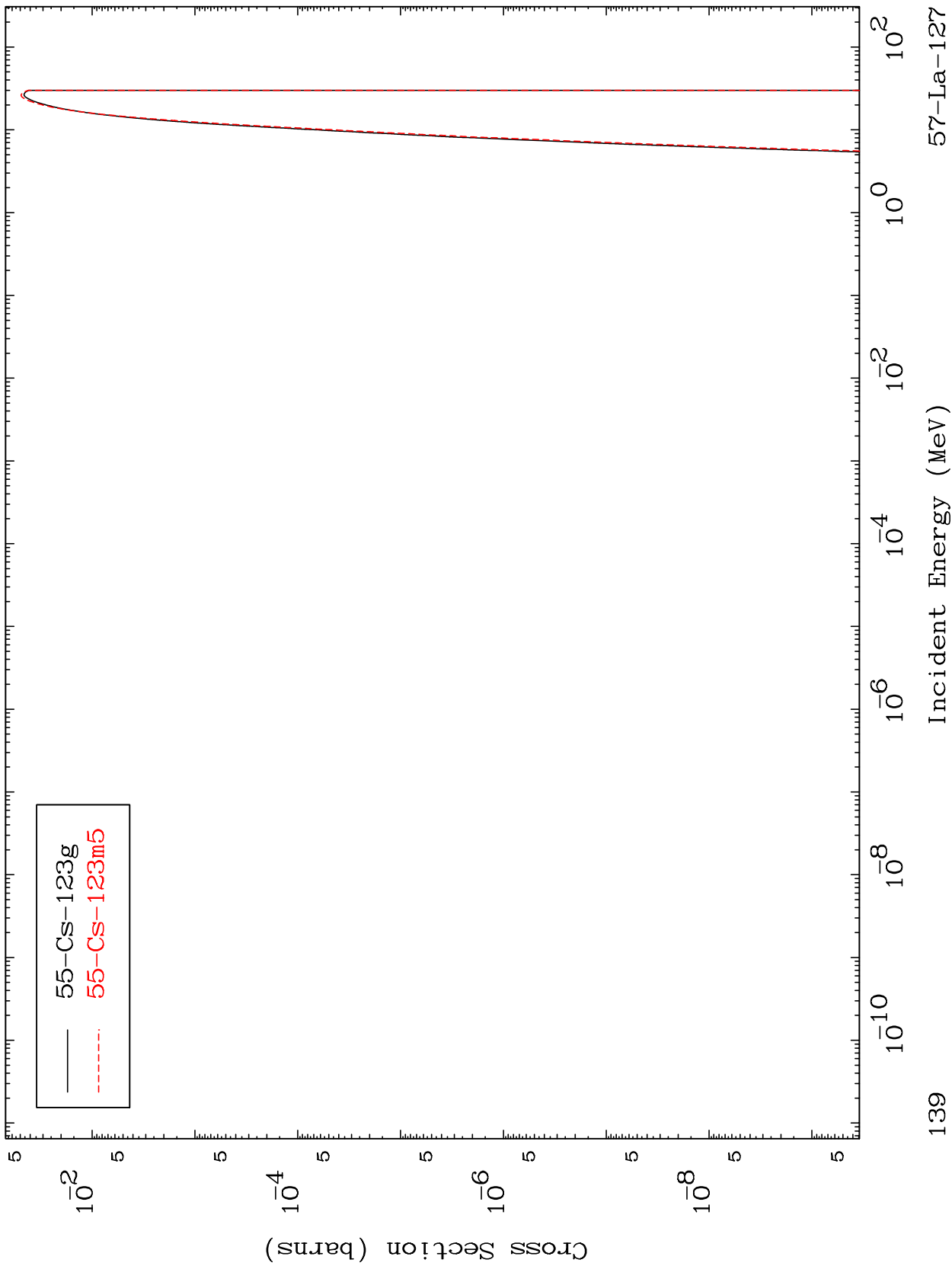
Incident Energy (MeV)

MAT 5692

(n,n') α

57-La-127

Radionuclide Production Cross Section



139

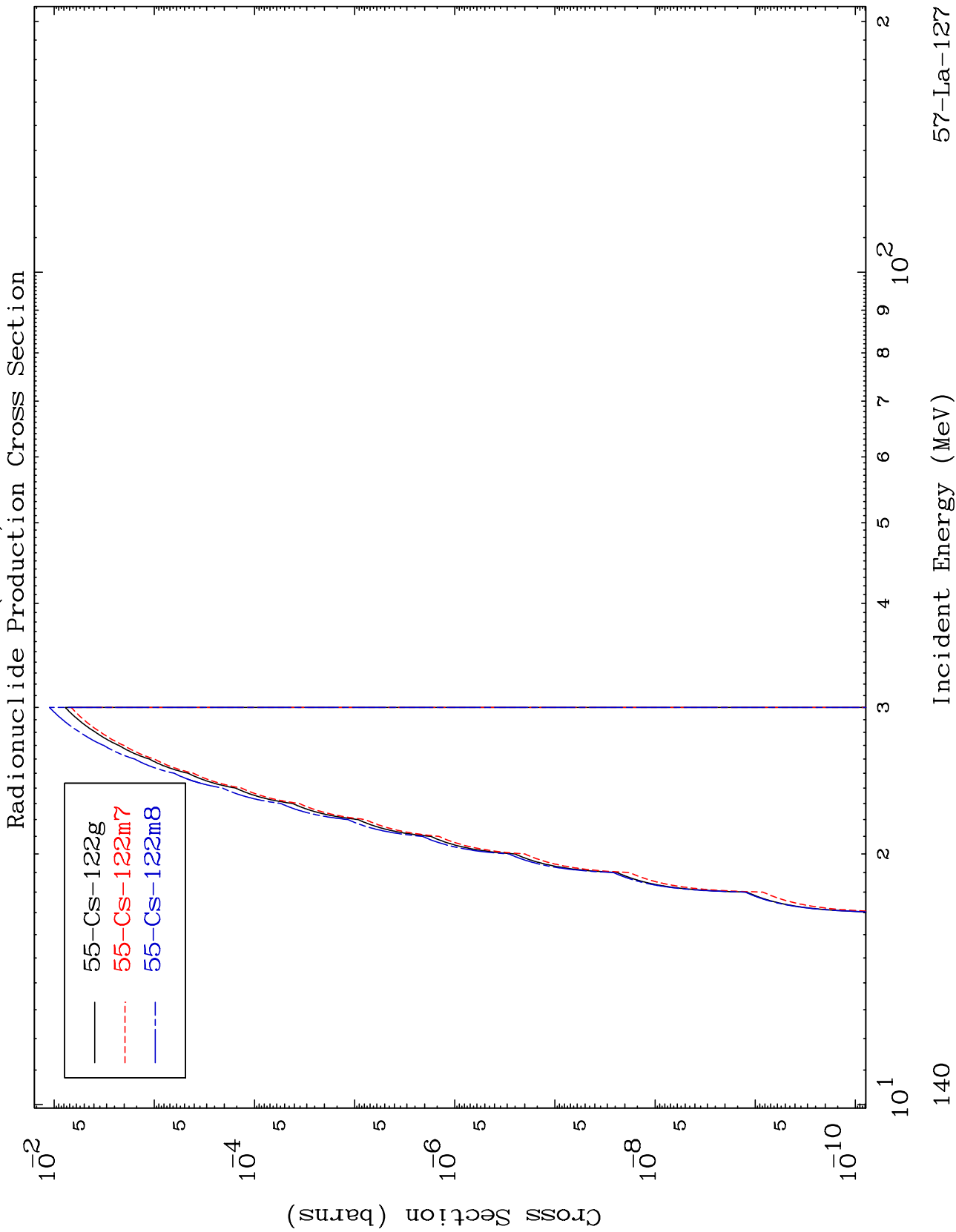
Incident Energy (MeV)

57-La-127

MAT 5692

(n,2n) α

57-La-127

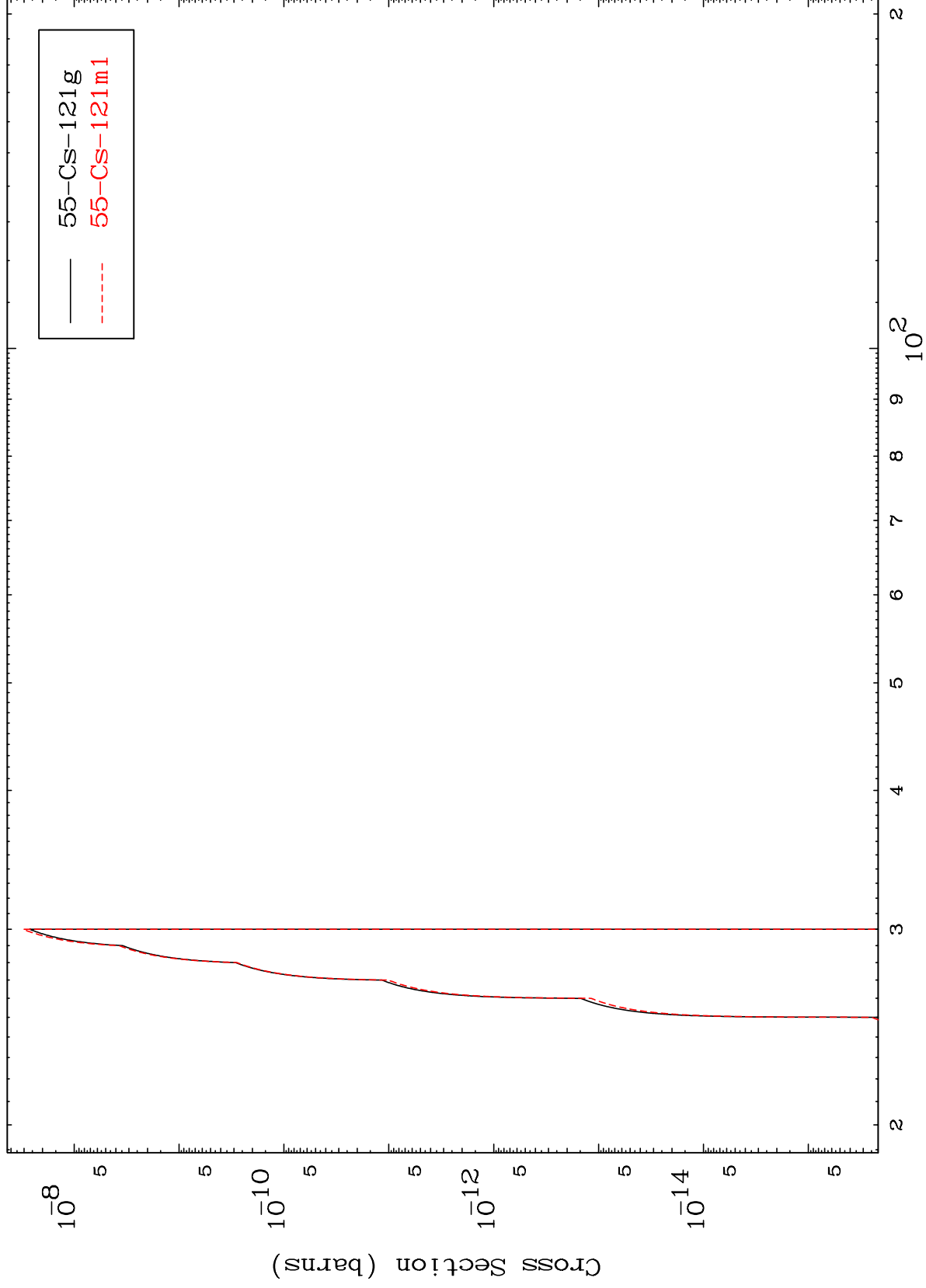


MAT 5692

(n,3n) α

57-La-127

Radionuclide Production Cross Section

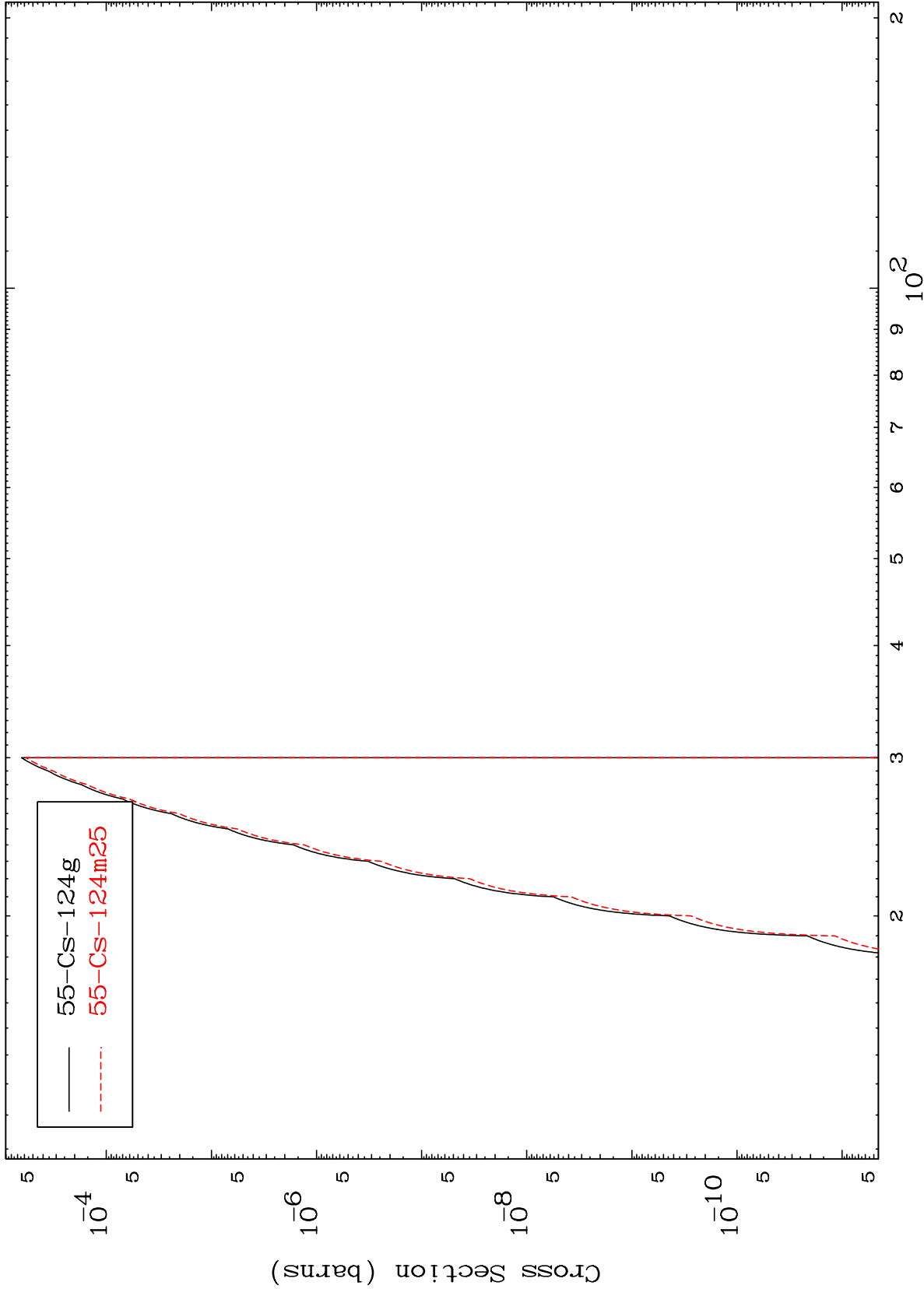


141

Incident Energy (MeV)

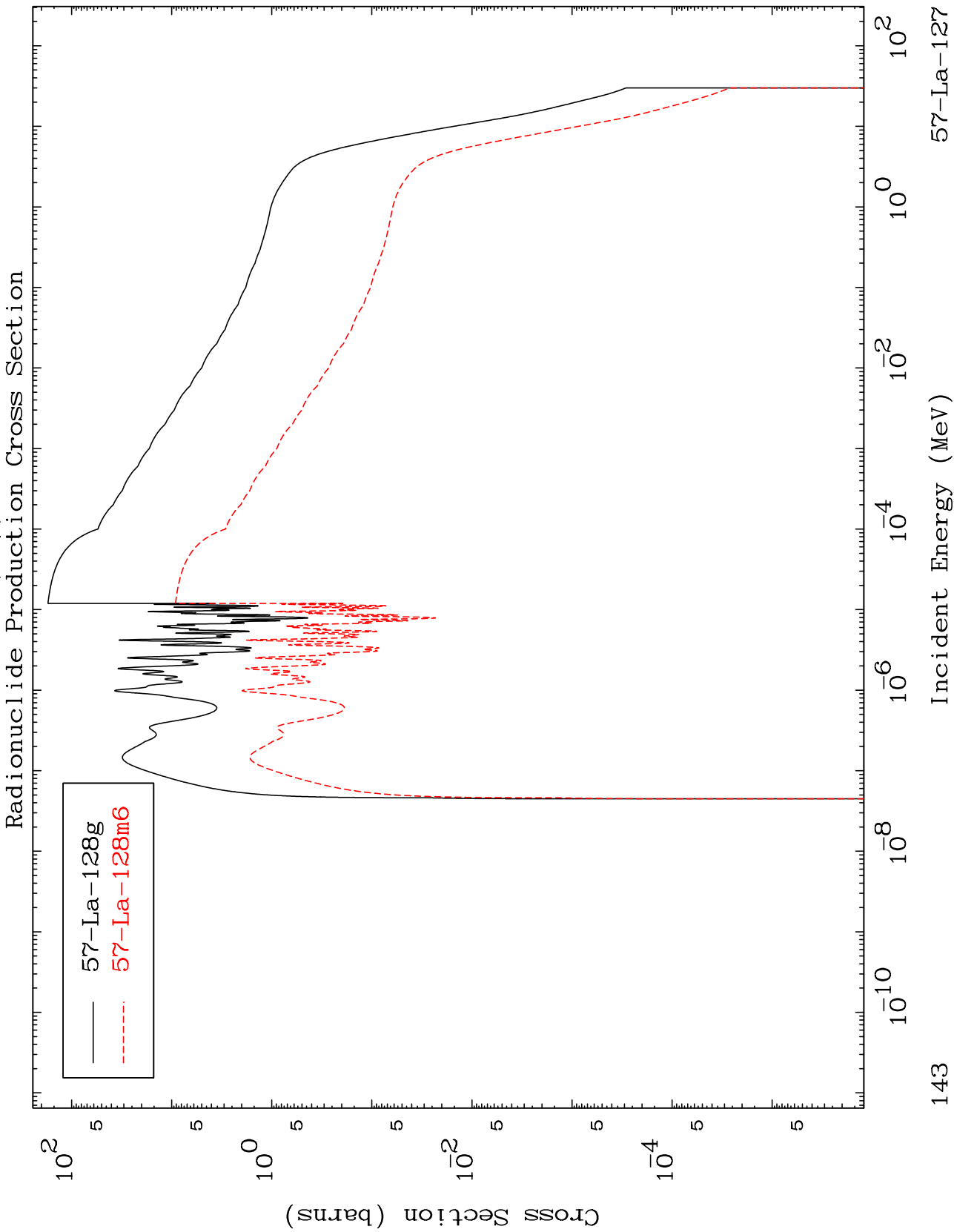
57-La-127

Radionuclide Production Cross Section



MAT 5692

57-La-127

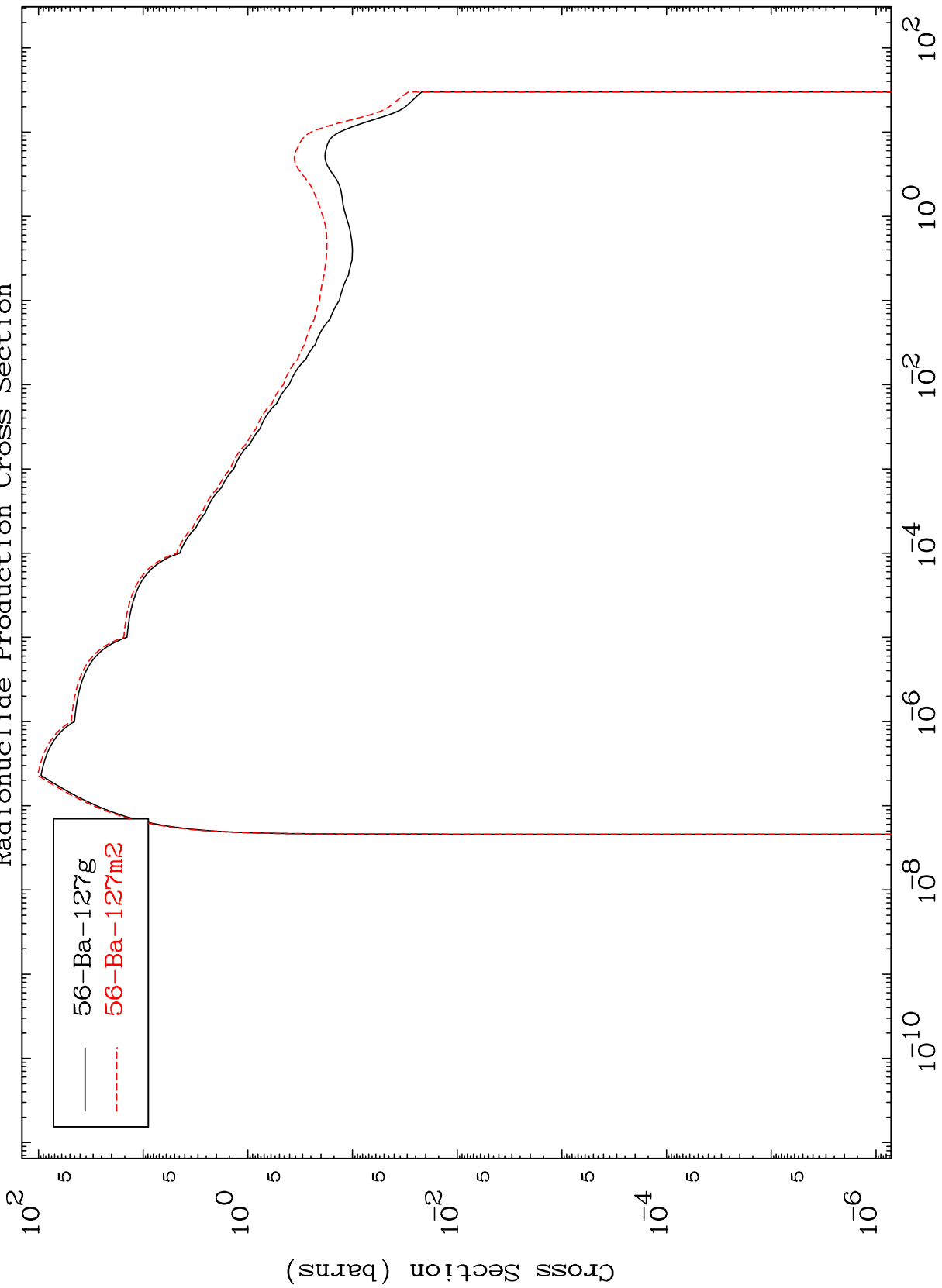


143

MAT 5692

57-La-127

Radionuclide Production Cross Section (n,p)



56-Ba-127g
56-Ba-127m2

57-La-127

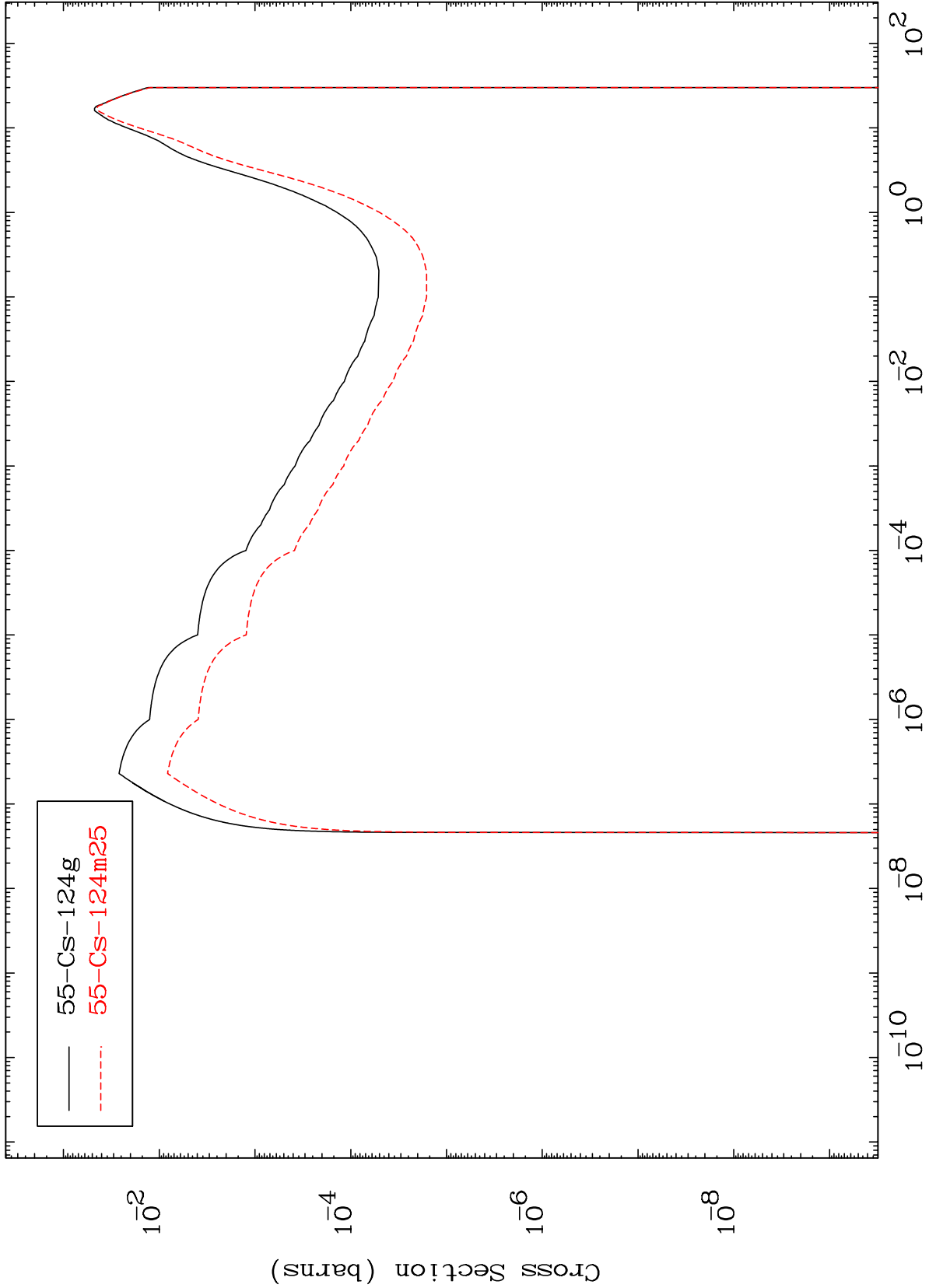
Incident Energy (MeV)

144

MAT 5692

57-La-127

(n, α)
Radionuclide Production Cross Section



— 55-Cs-124g
- - - 55-Cs-124m25

57-La-127

Incident Energy (MeV)

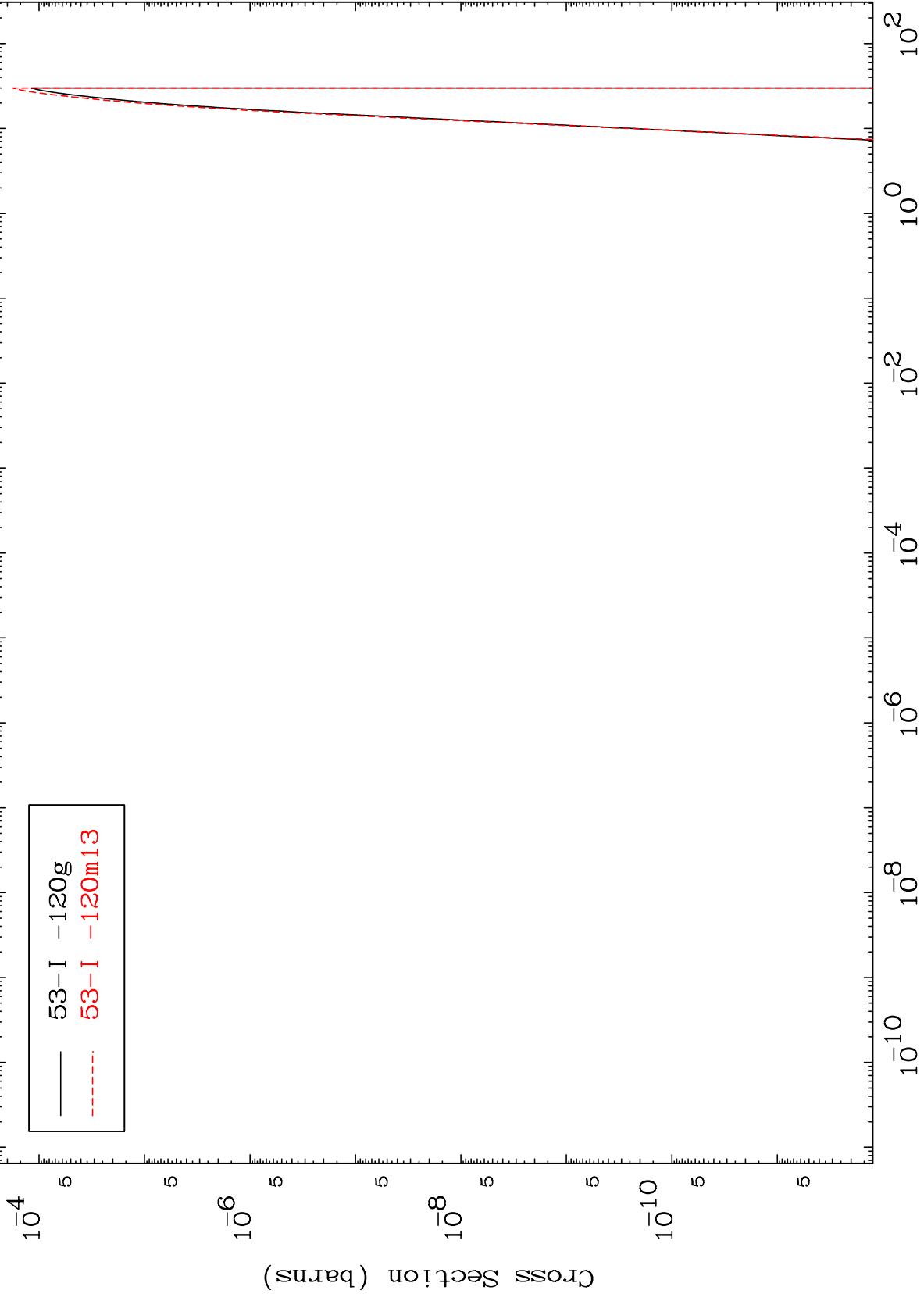
145

MAT 5692

(n,2α)

57-La-127

Radionuclide Production Cross Section

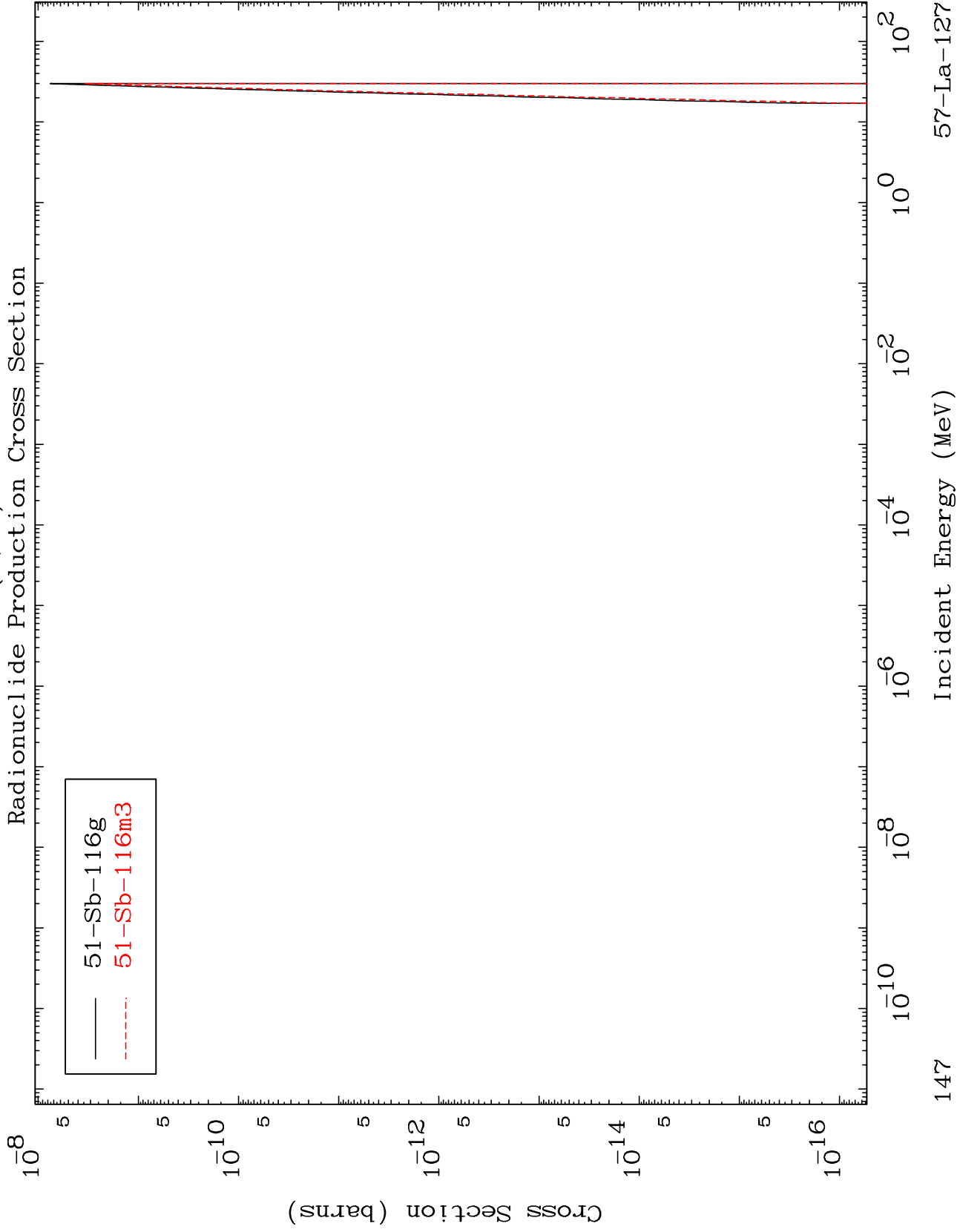


MAT 5692

(n, 3 α)

57-La-127

Radionuclide Production Cross Section



147

Incident Energy (MeV)

57-La-127

MAT 5692

(n,p) t

57-La-127

Radionuclide Production Cross Section

