

Program EVALPLOT  
(Version 2021-1)

by

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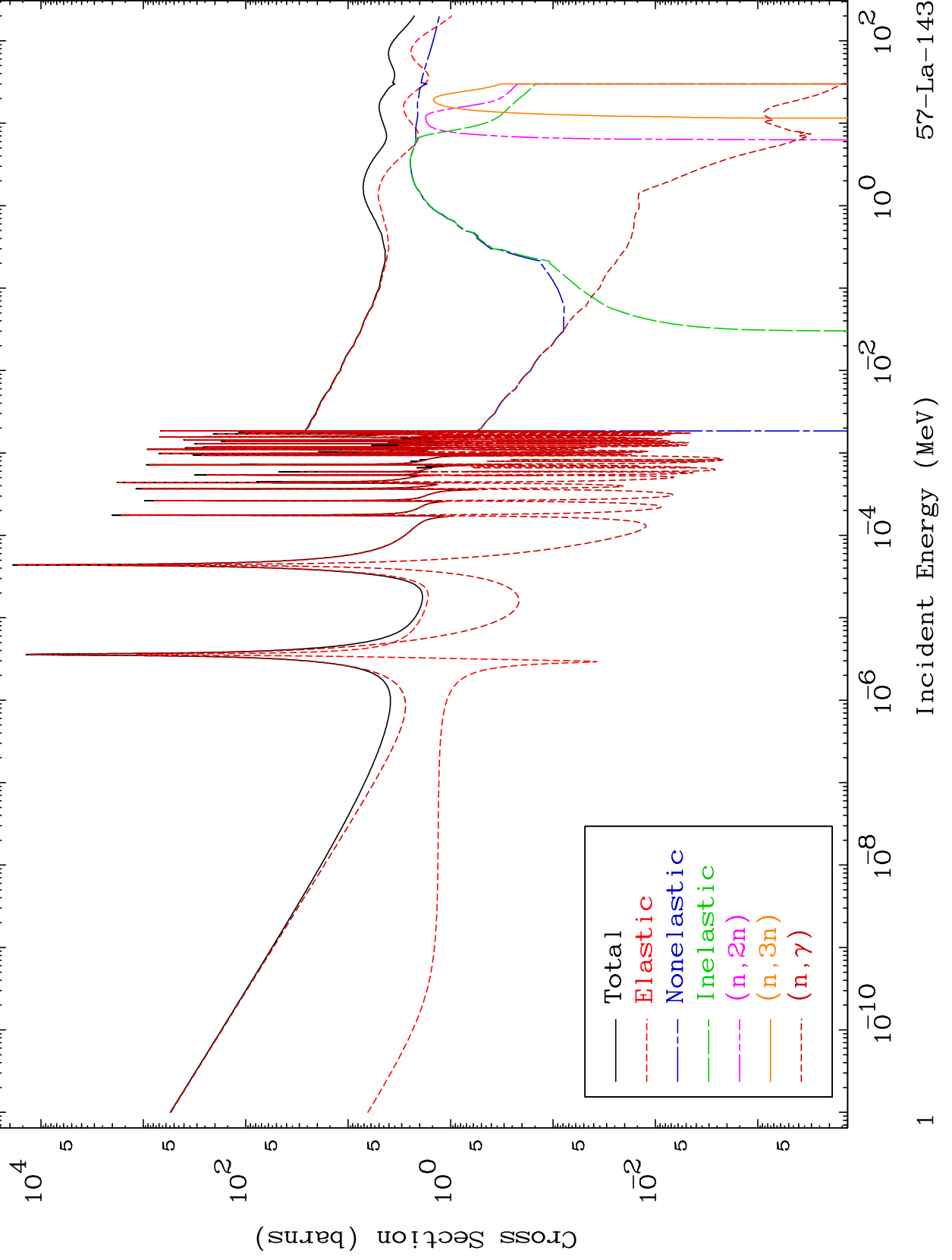
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Press Mouse Button to Start

MAT 5740

Neutron Major  
293 Kelvin Cross Sections

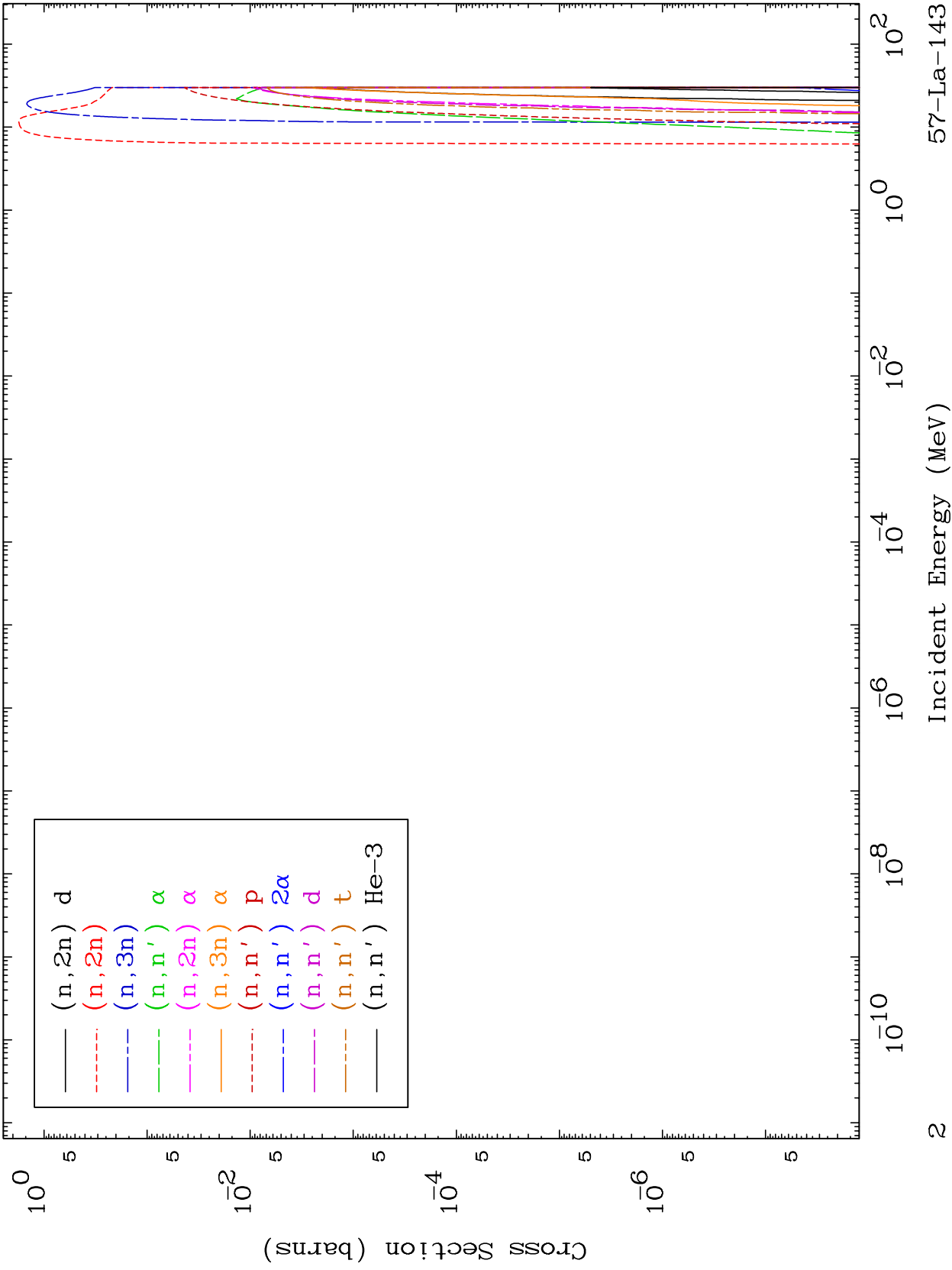
57-La-143



MAT 5740

Neutron Absorption  
293 Kelvin Cross Sections

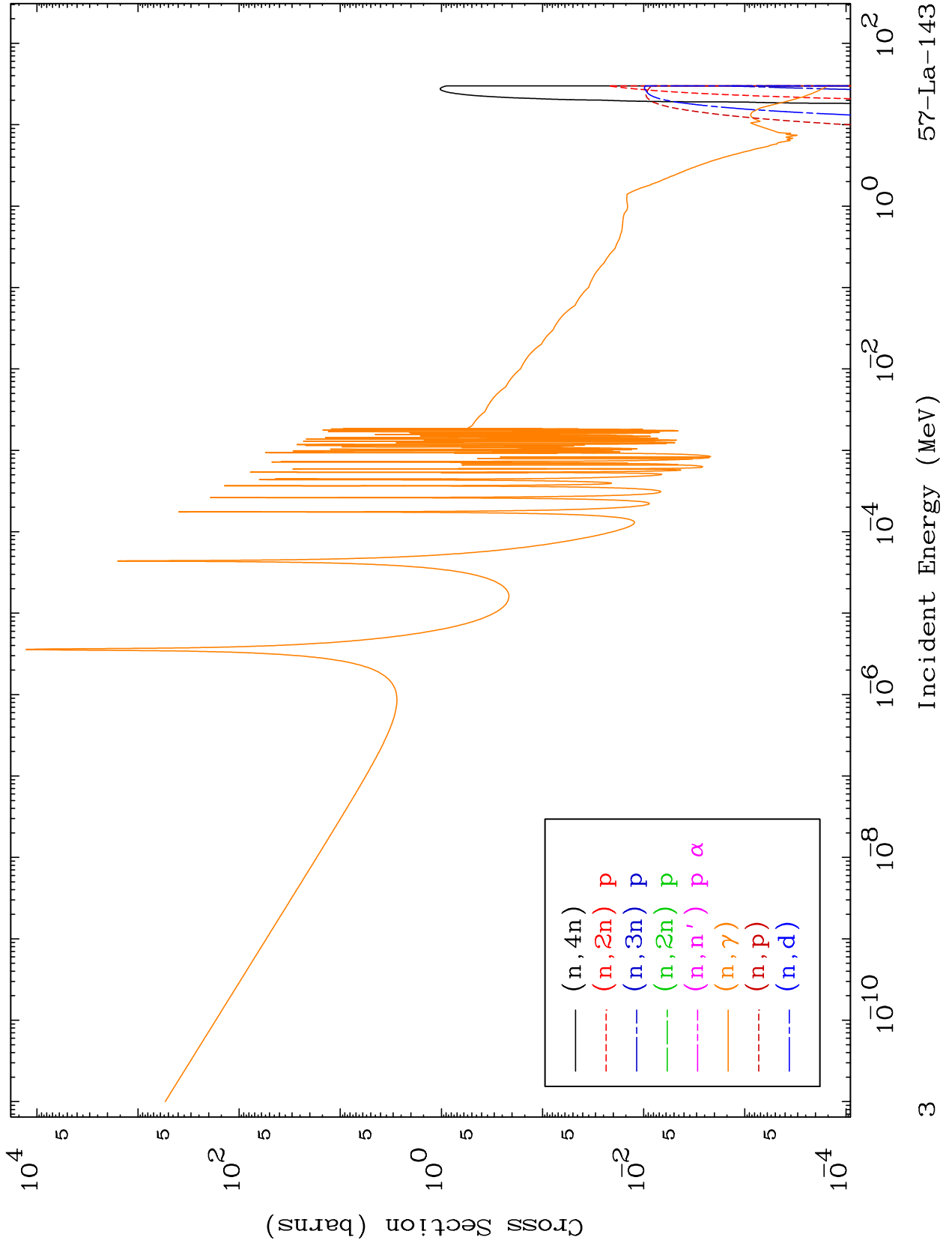
57-La-143



MAT 5740

Neutron Absorption  
293 Kelvin Cross Sections

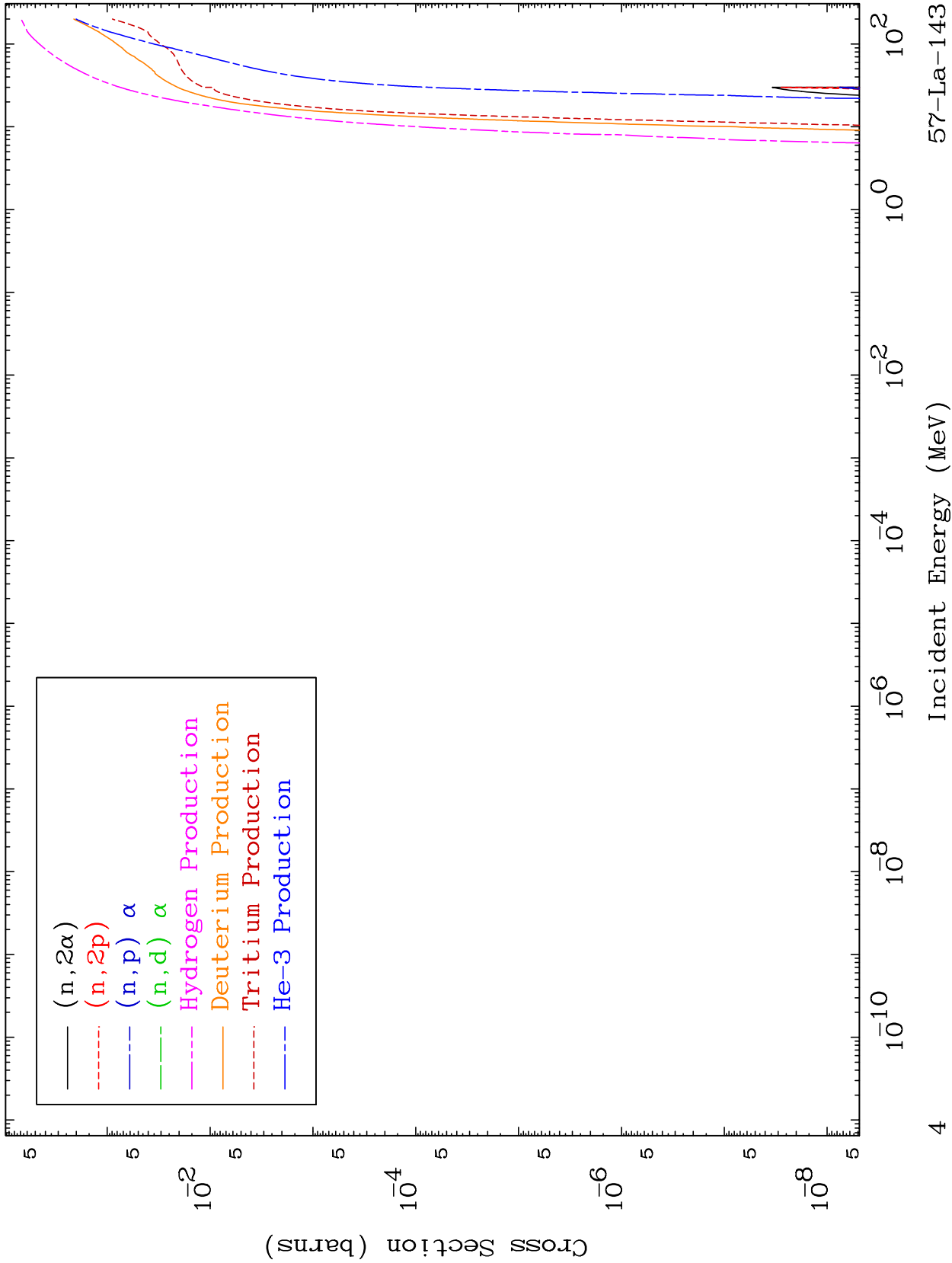
57-La-143



MAT 5740

Neutron Absorption  
293 Kelvin Cross Sections

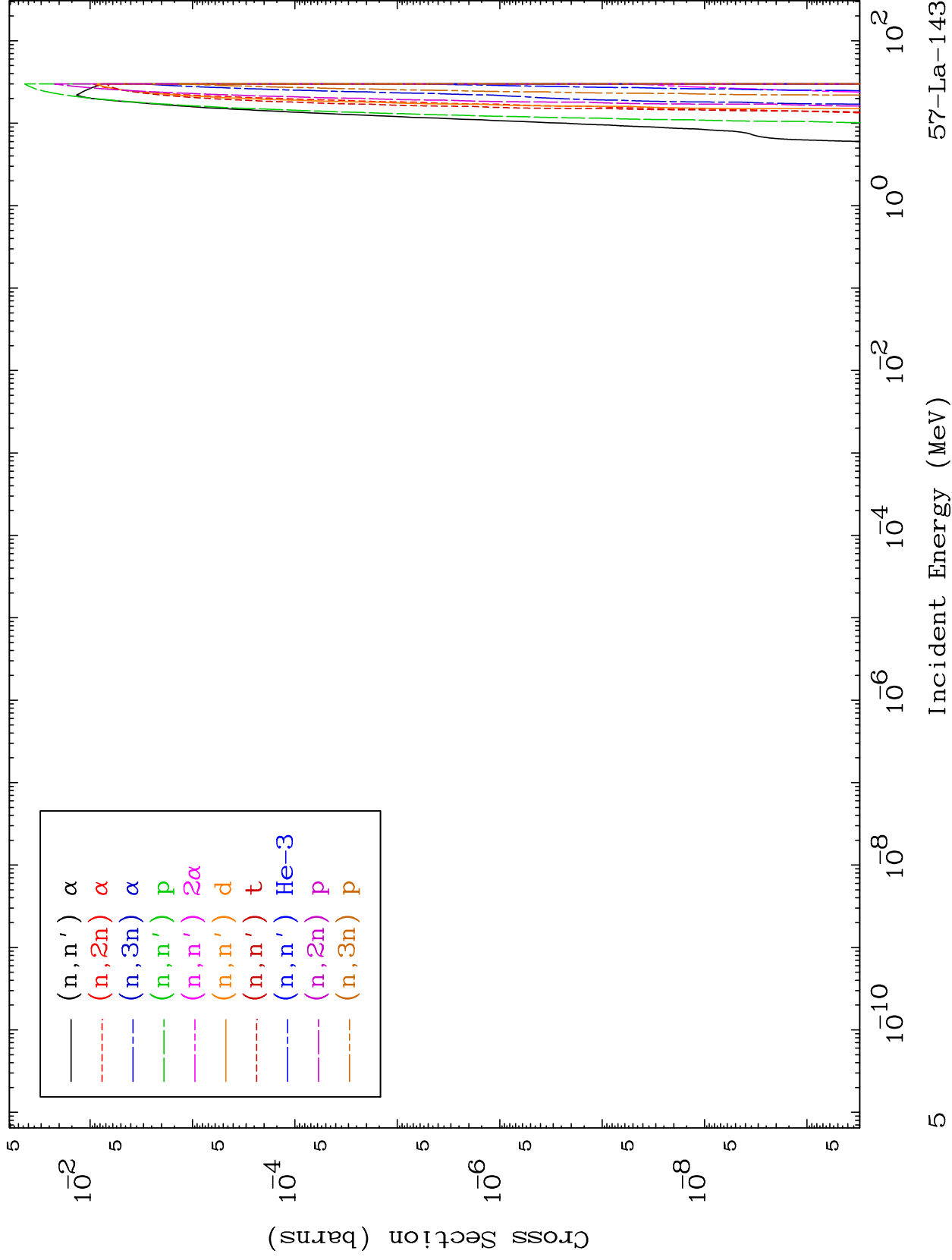
57-La-143



MAT 5740

Charged Particle  
293 Kelvin Cross Sections

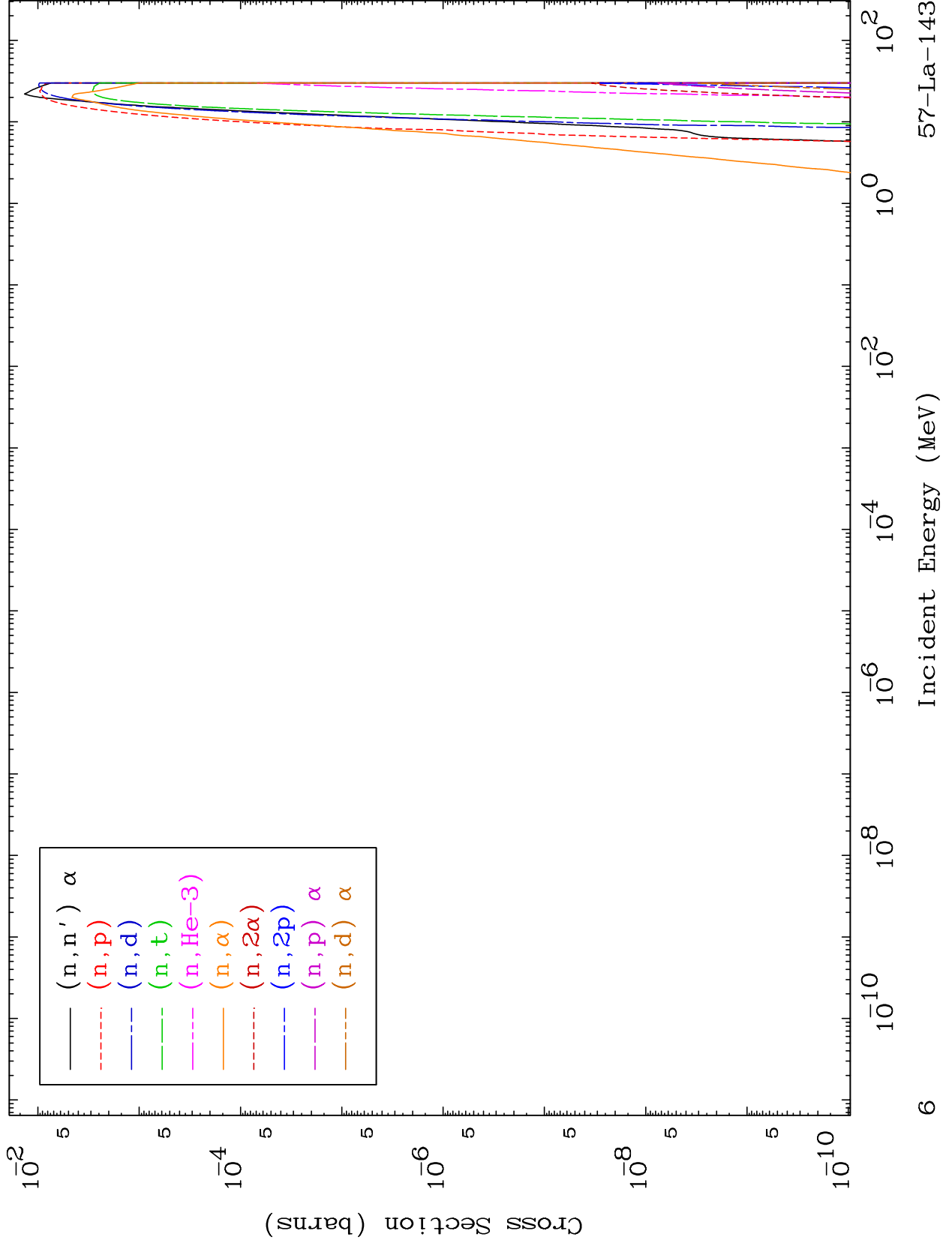
57-La-143

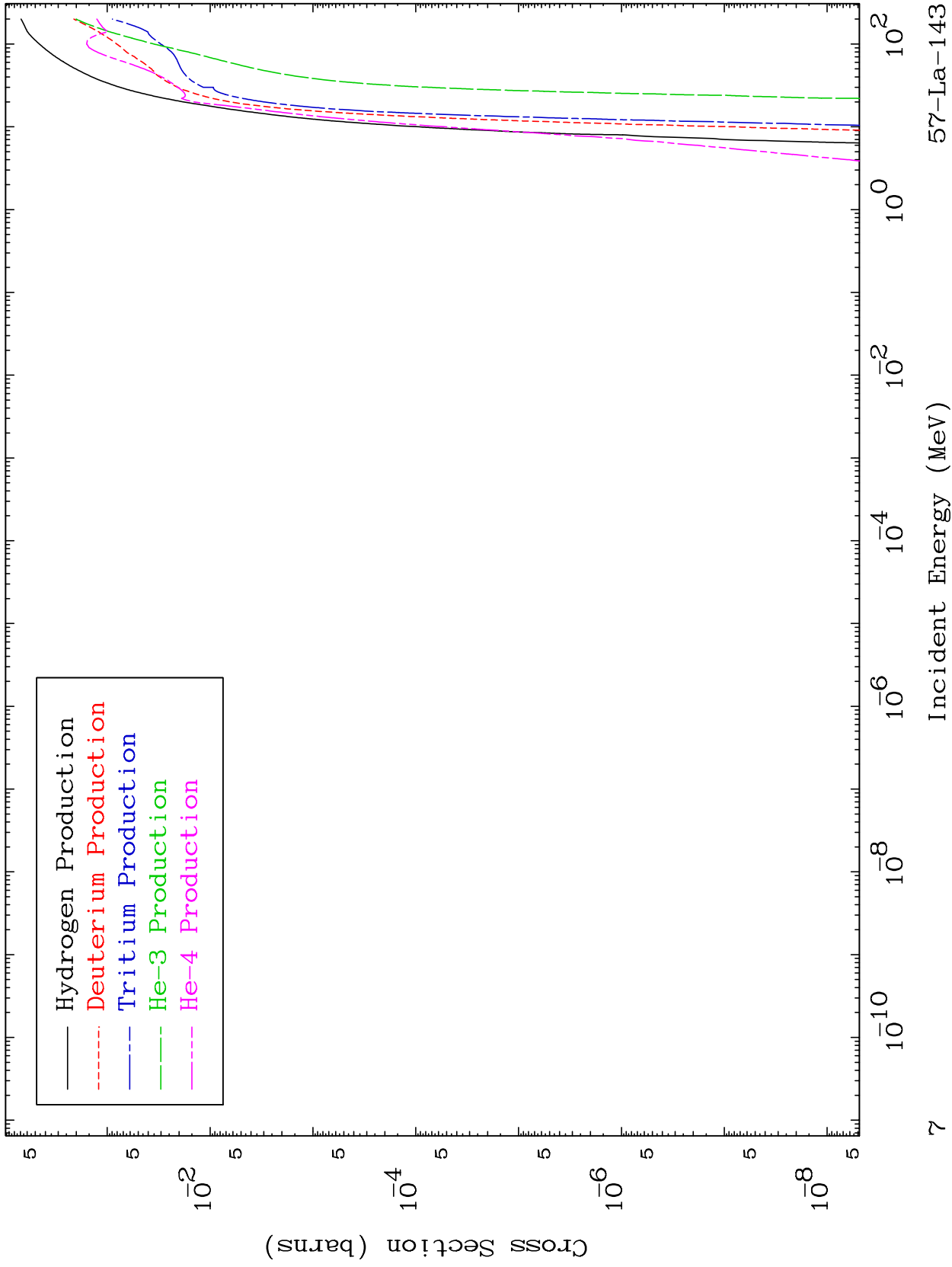


MAT 5740

Charged Particle  
293 Kelvin Cross Sections

57-La-143



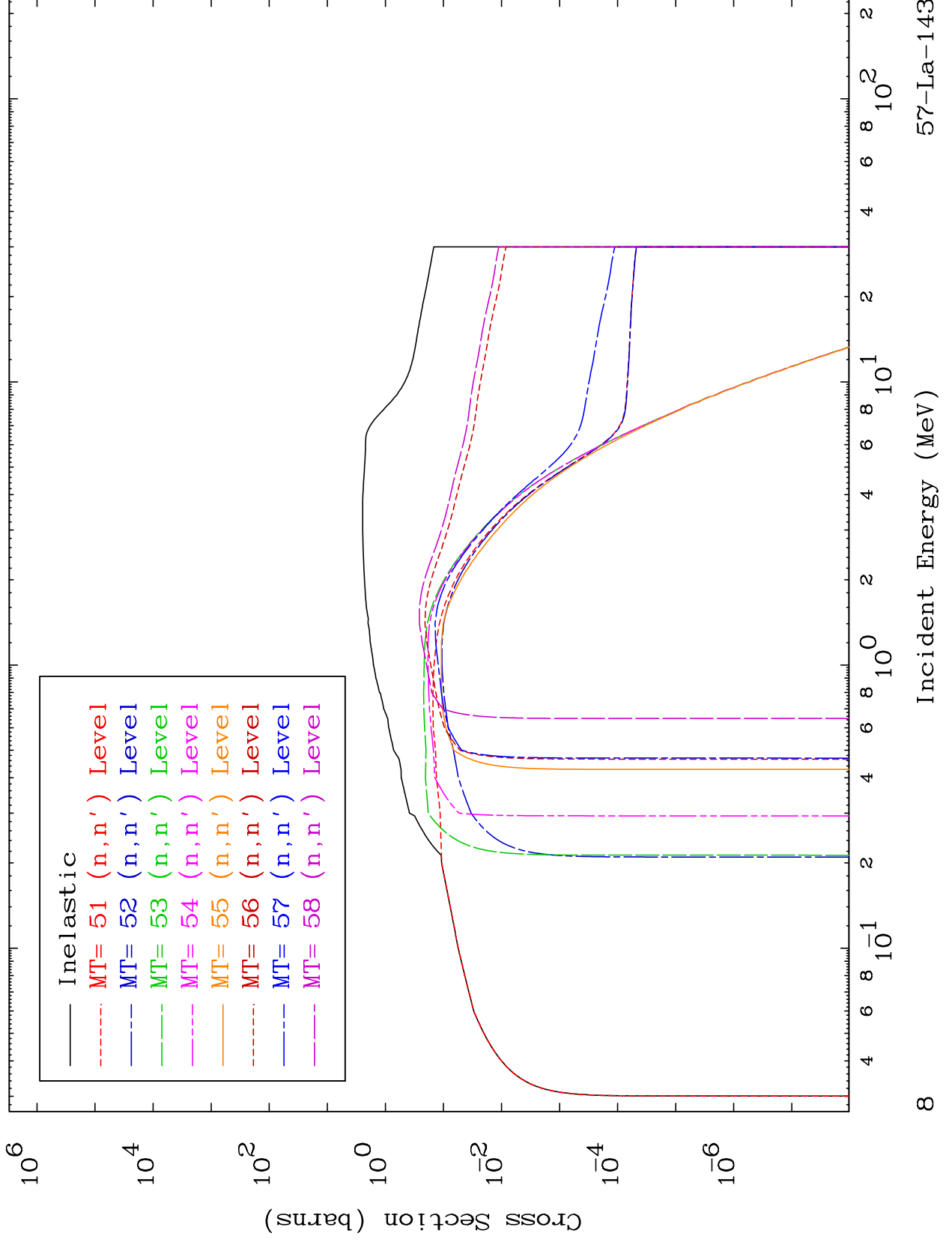


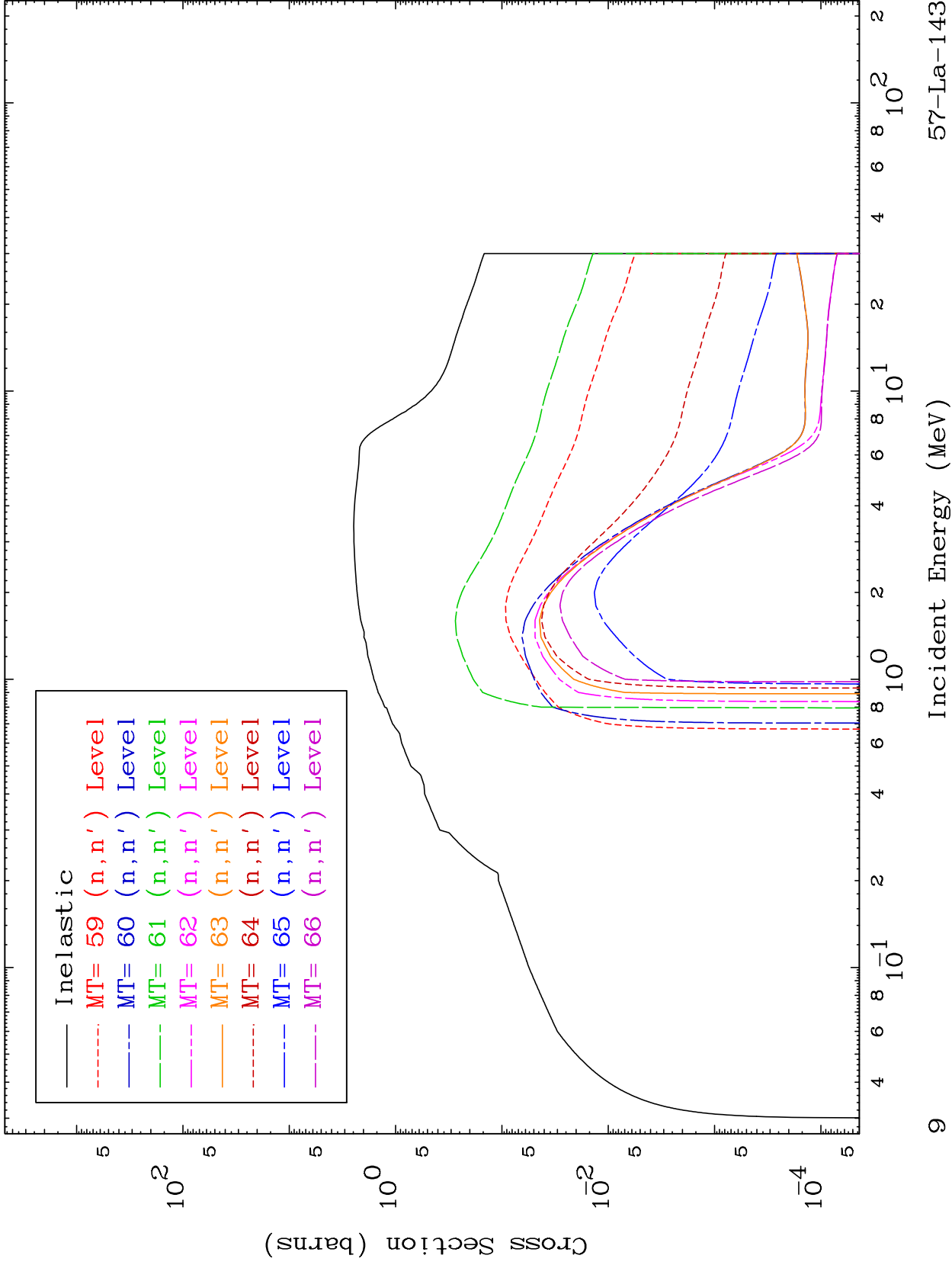


MAT 5740

(n,n') Levels  
293 Kelvin Cross Sections

57-La-143

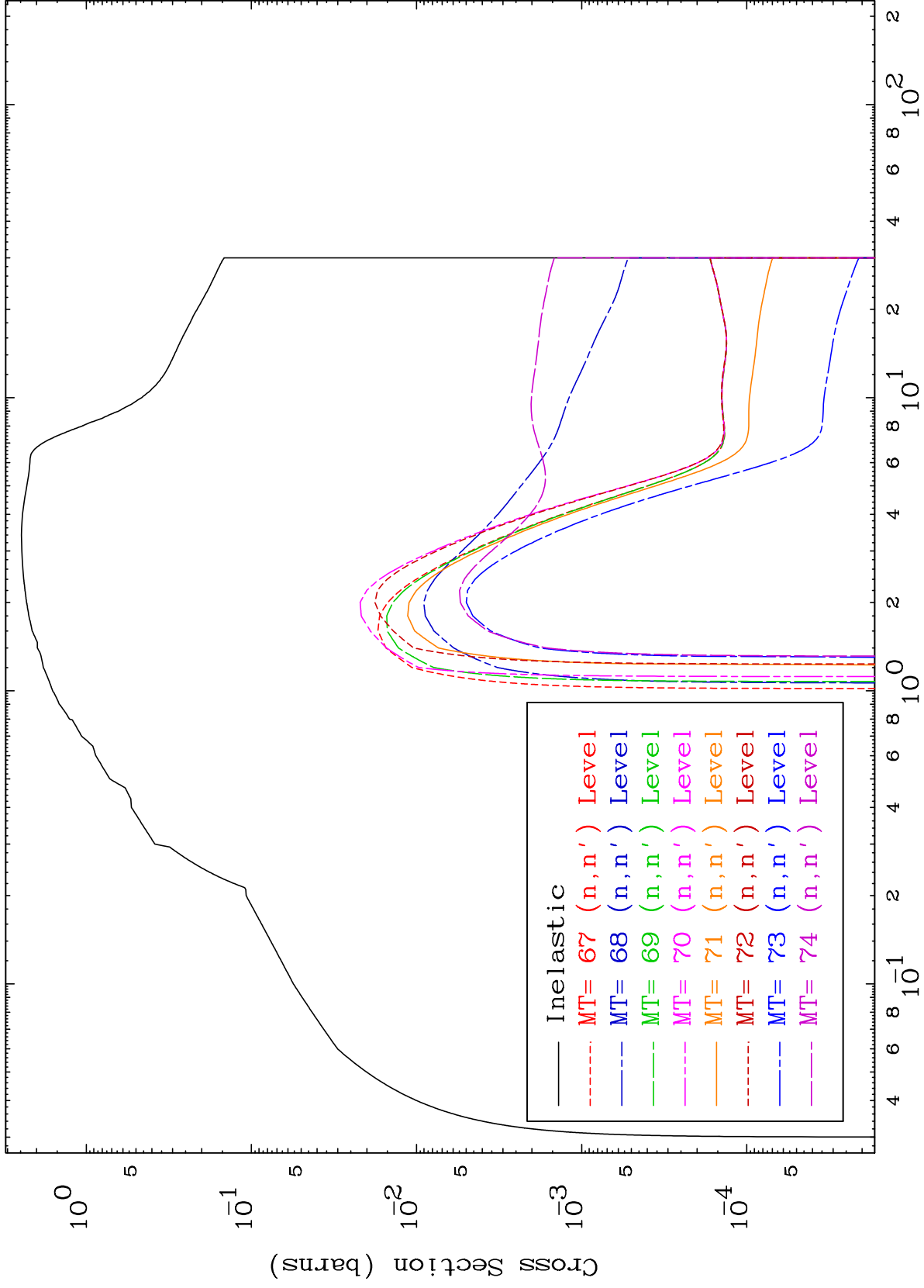




MAT 5740

(n,n') Levels  
293 Kelvin Cross Sections

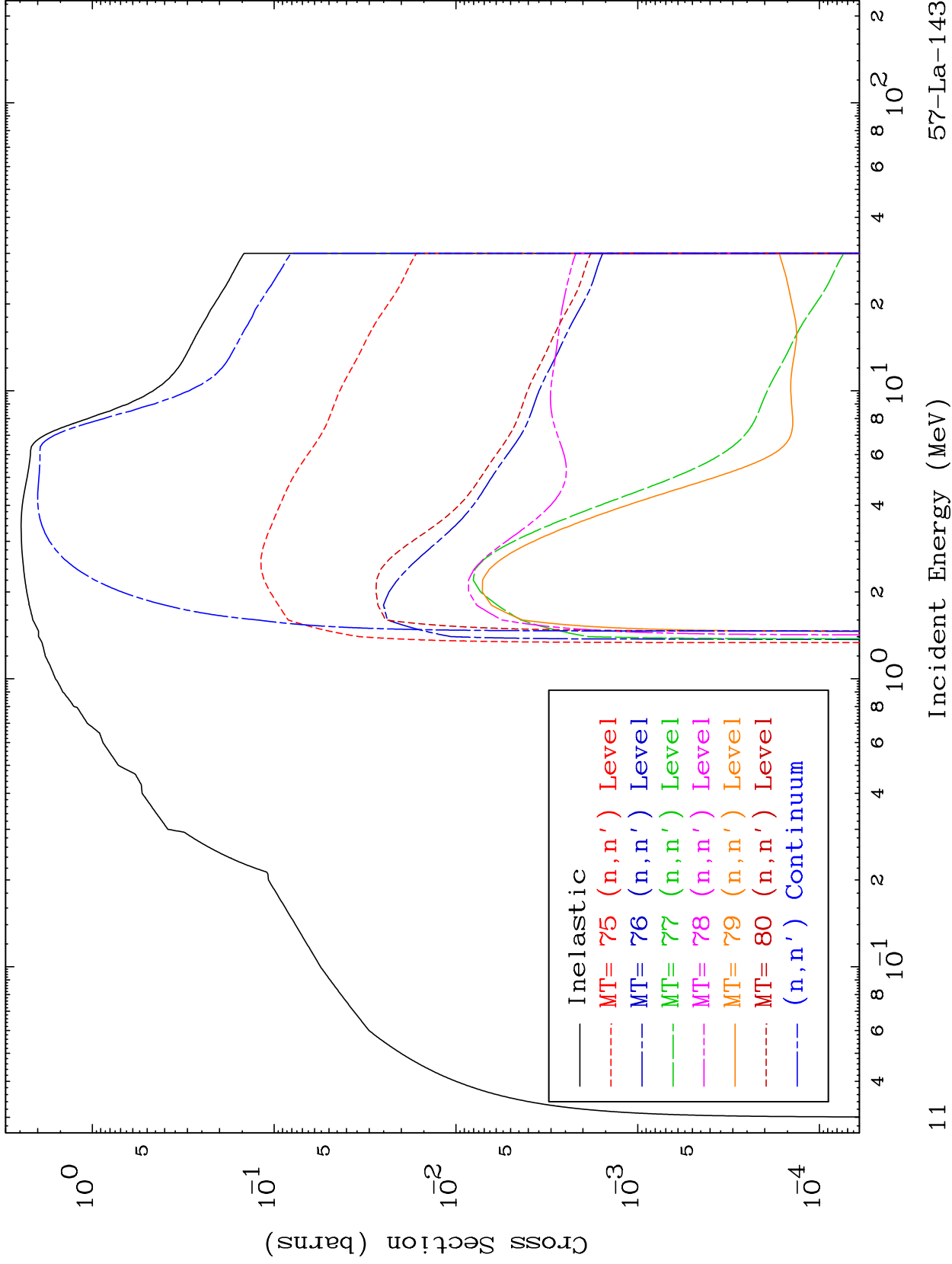
57-La-143



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Incident Energy (MeV)

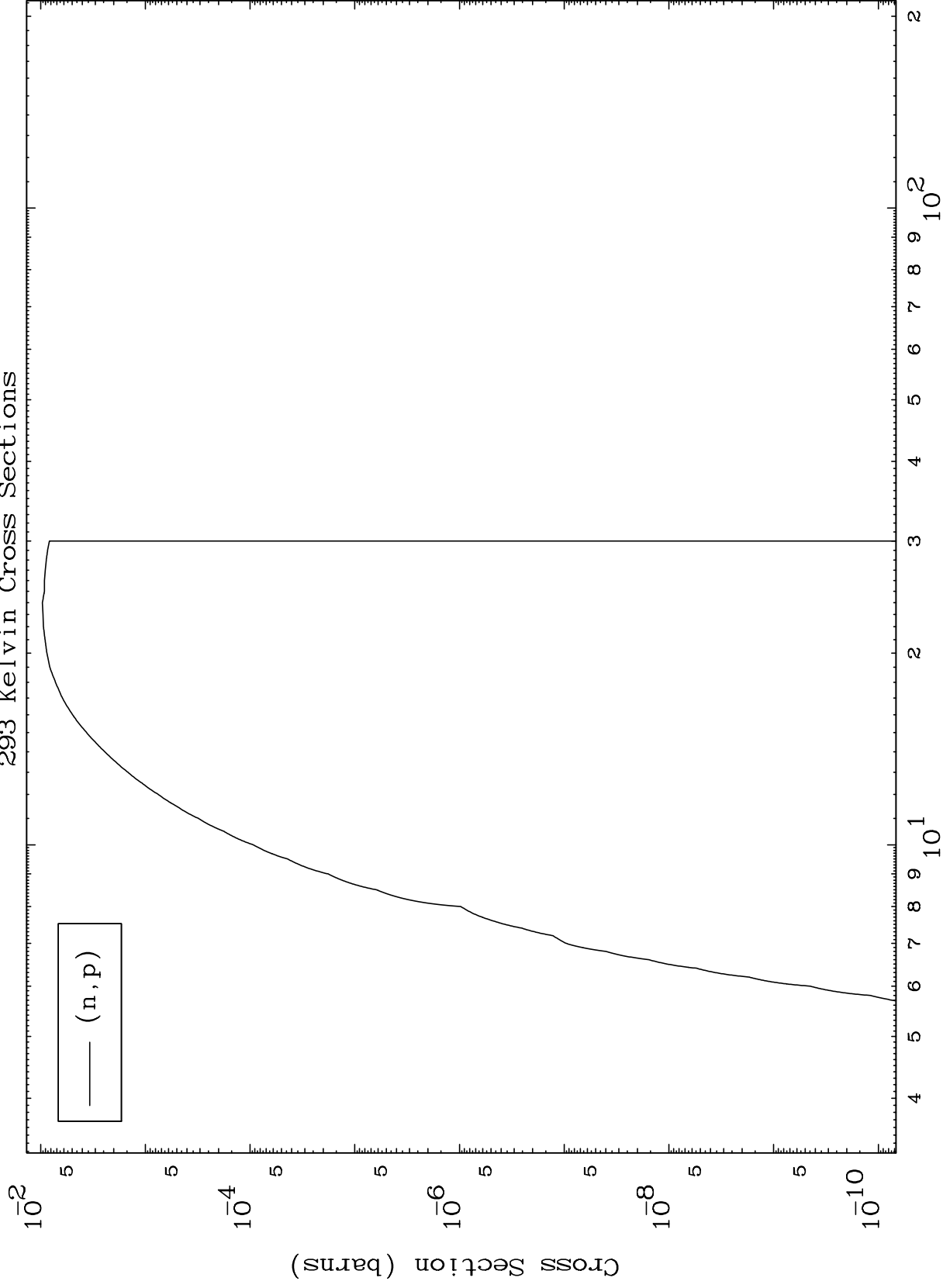
57-La-143



MAT 5740

(n,p) Levels  
293 Kelvin Cross Sections

57-La-143



12

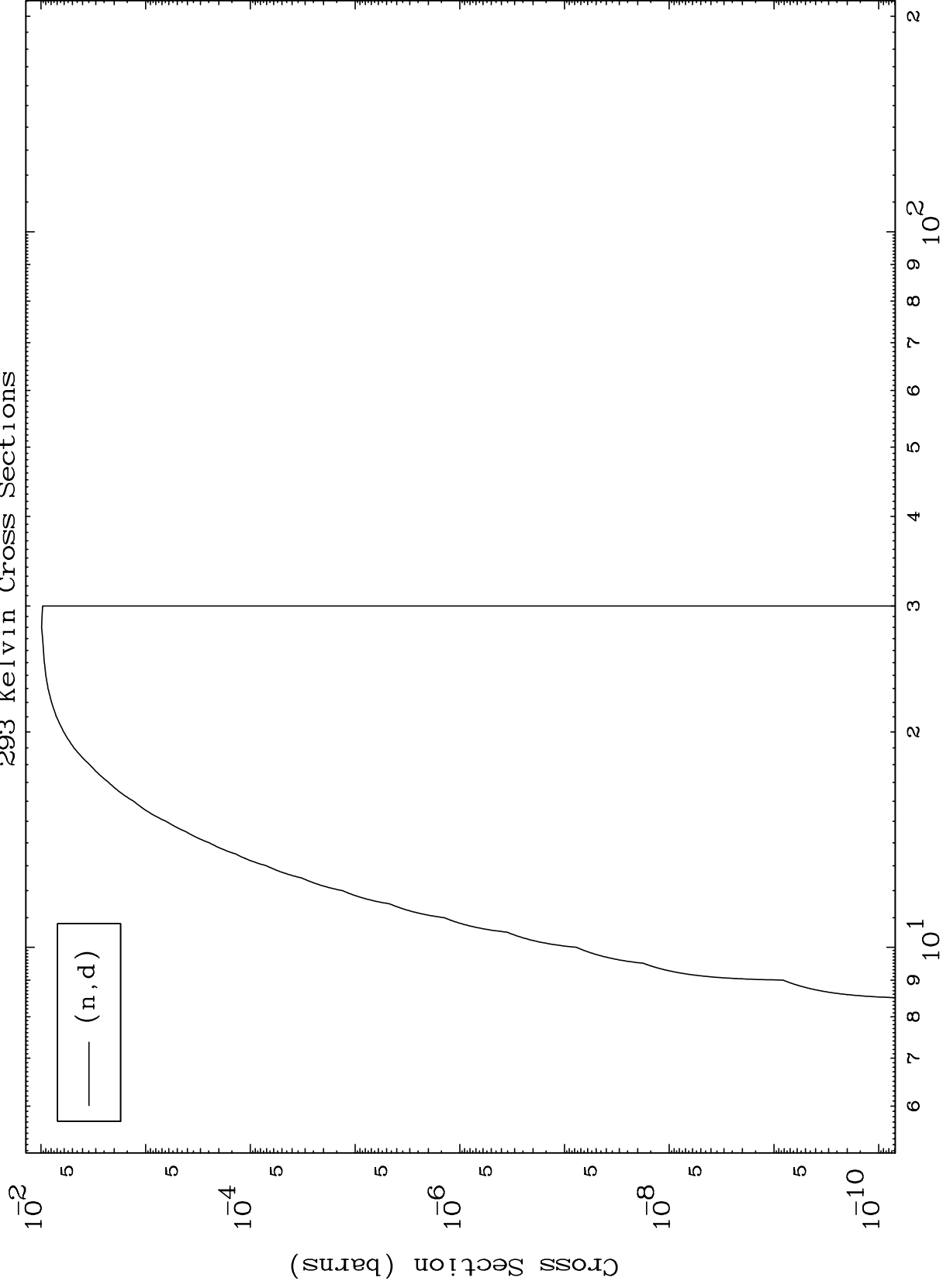
Incident Energy (MeV)

57-La-143

MAT 5740

(n,d) Levels  
293 Kelvin Cross Sections

57-La-143



13

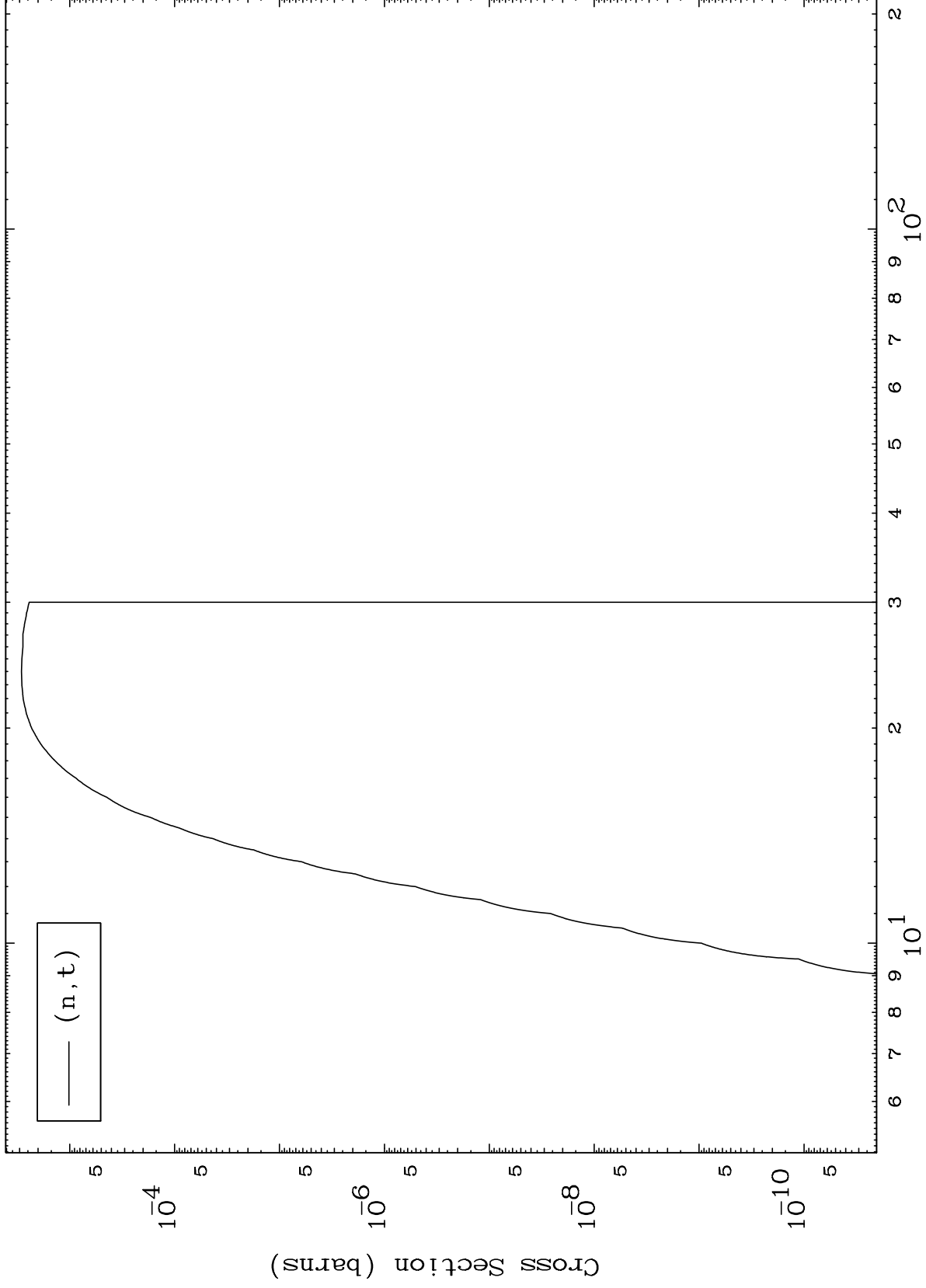
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57-La-143

MAT 5740

(n,t) Levels  
293 Kelvin Cross Sections

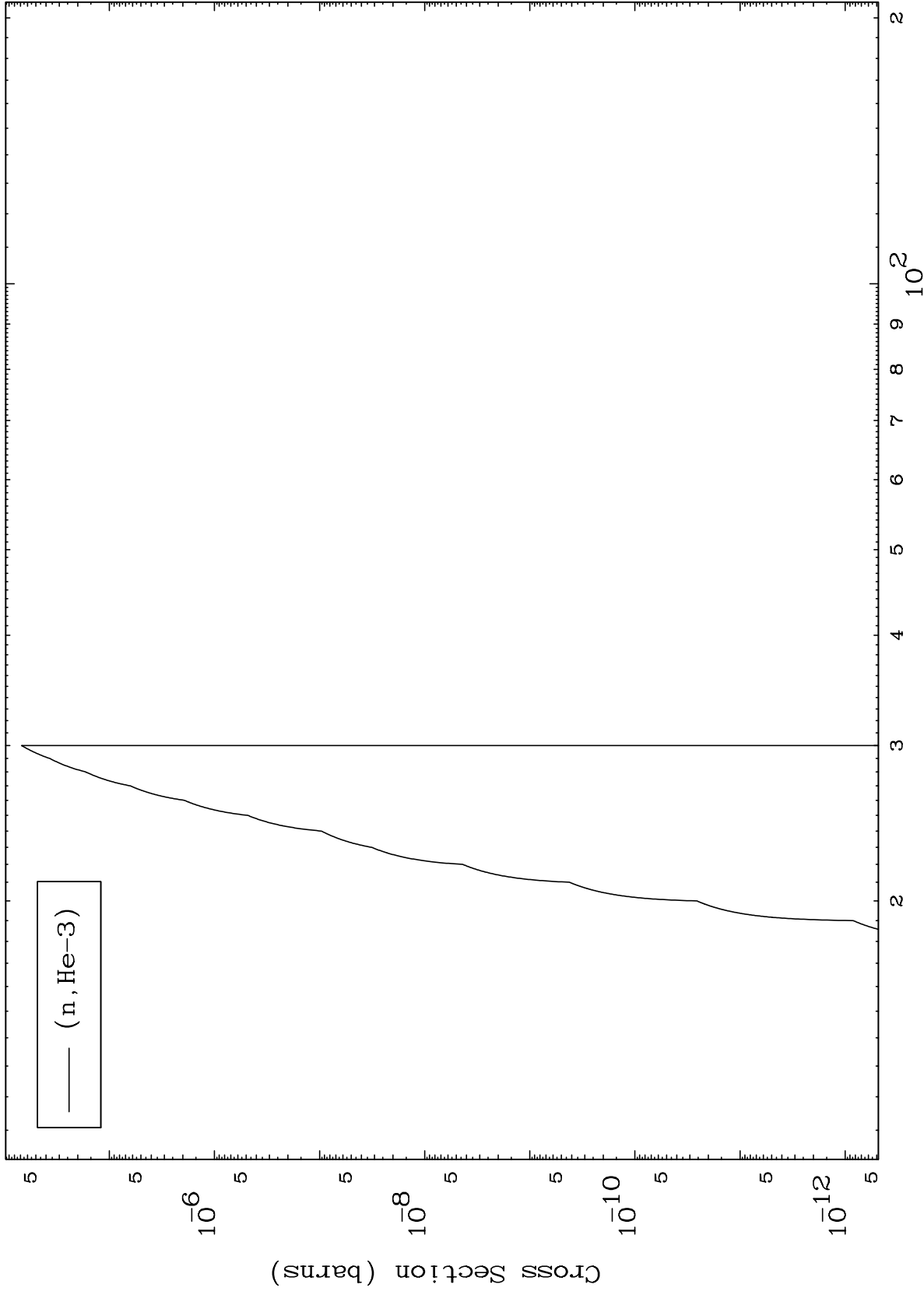
57-La-143



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Incident Energy (MeV)

57-La-143

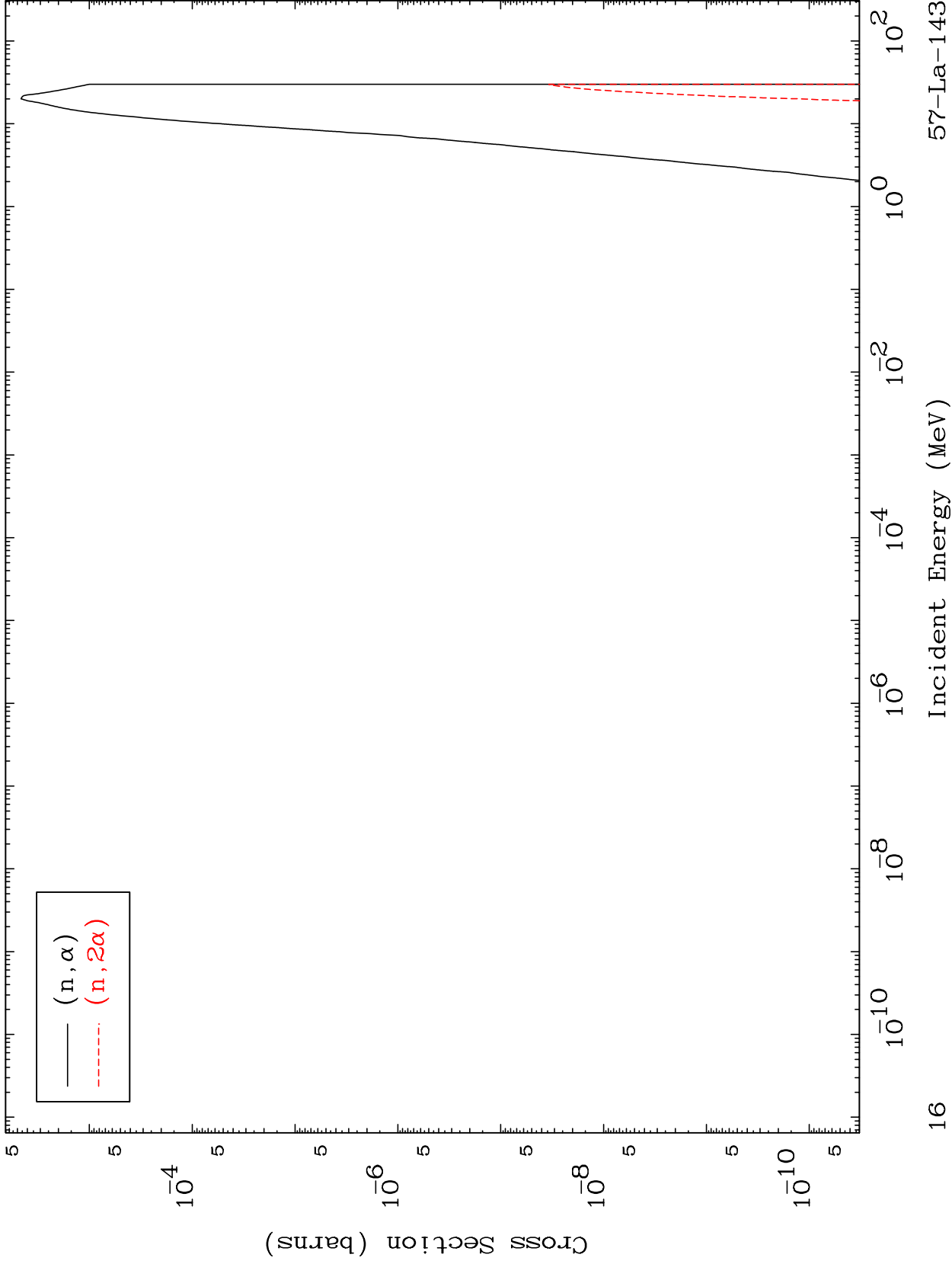




MAT 5740

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

57-La-143



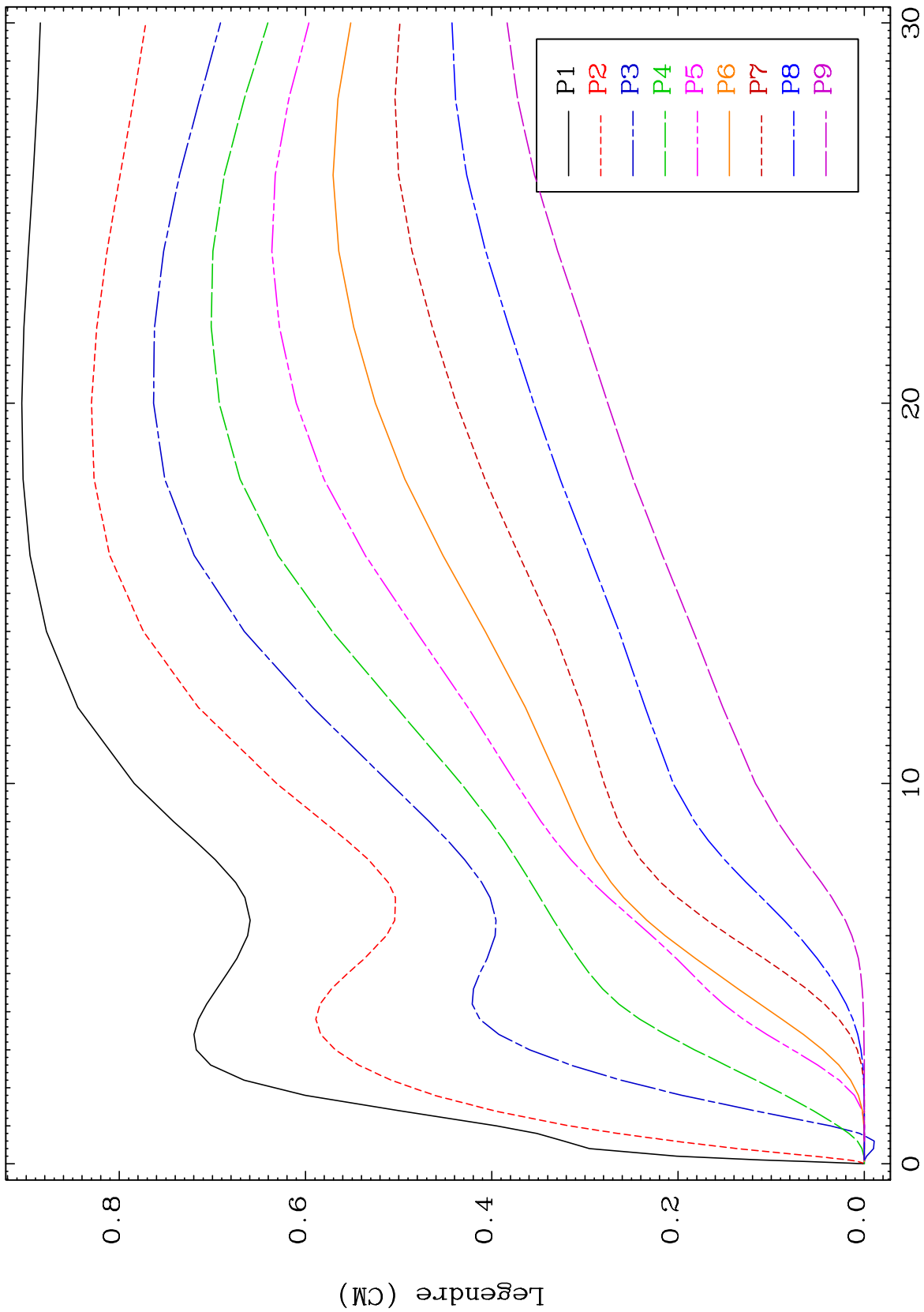
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57-La-143

MAT 5740

57-La-143

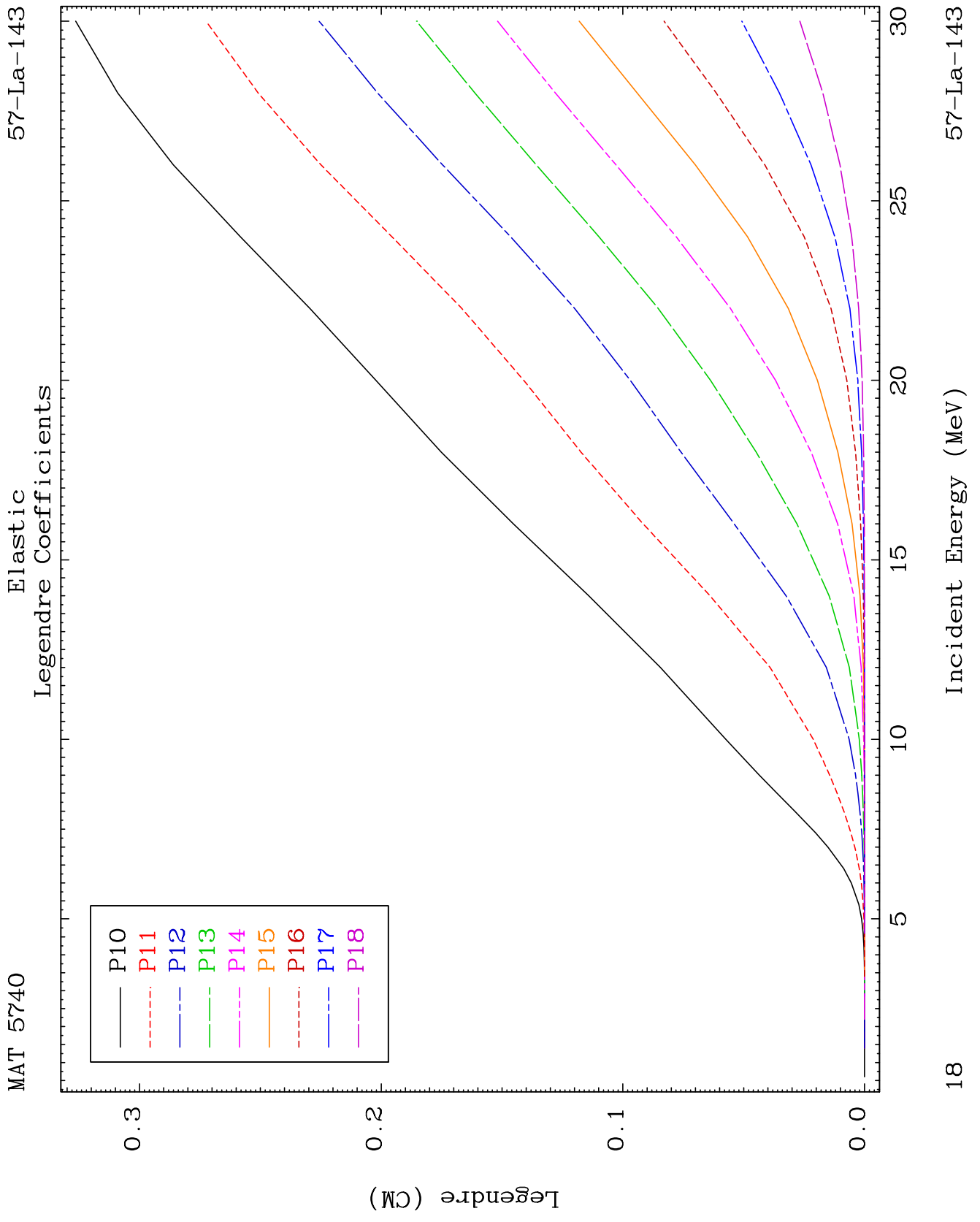
Elastic Legendre Coefficients



57-La-143

Incident Energy (MeV)

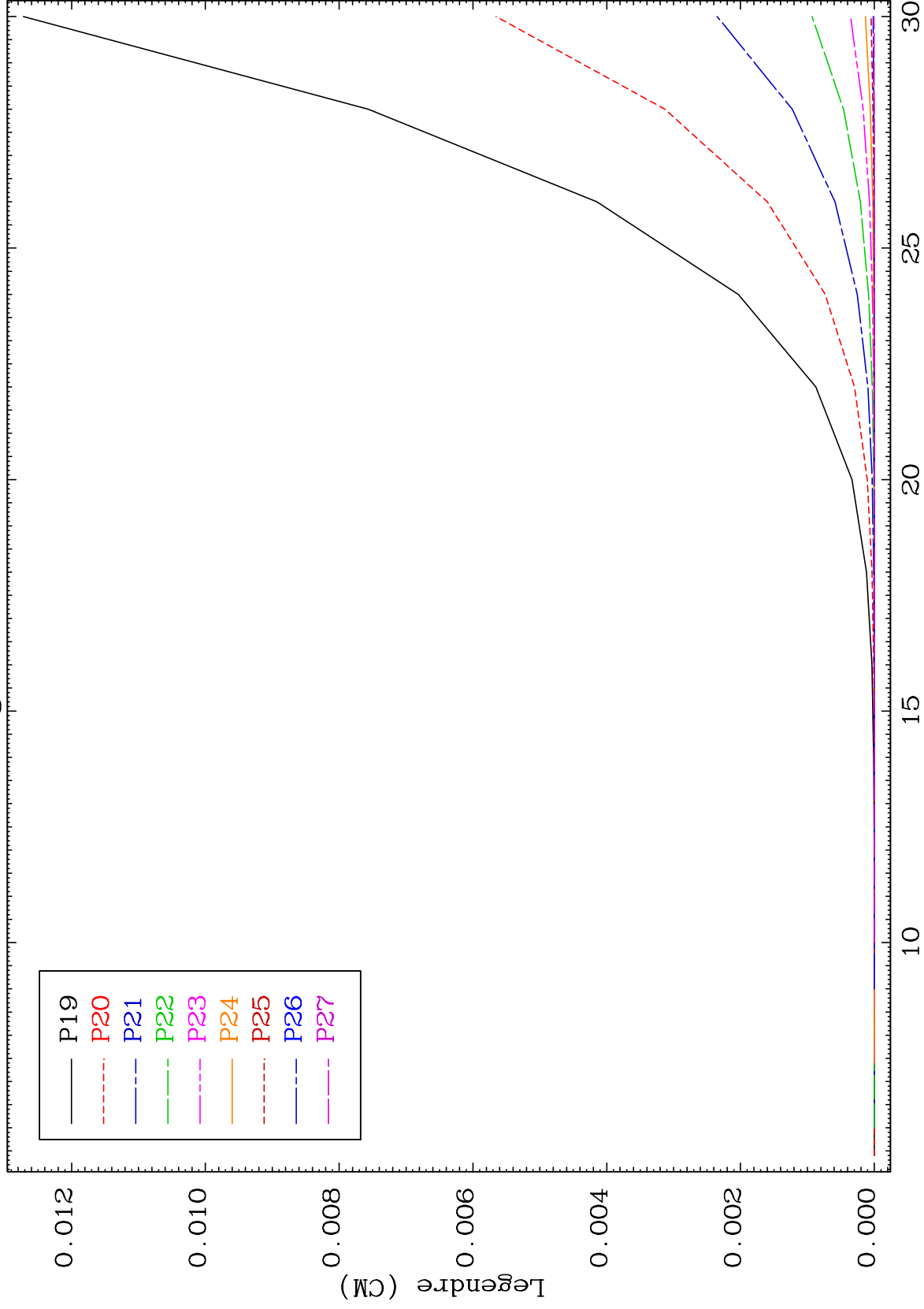
17



MAT 5740

### Elastic Legendre Coefficients

57-La-143



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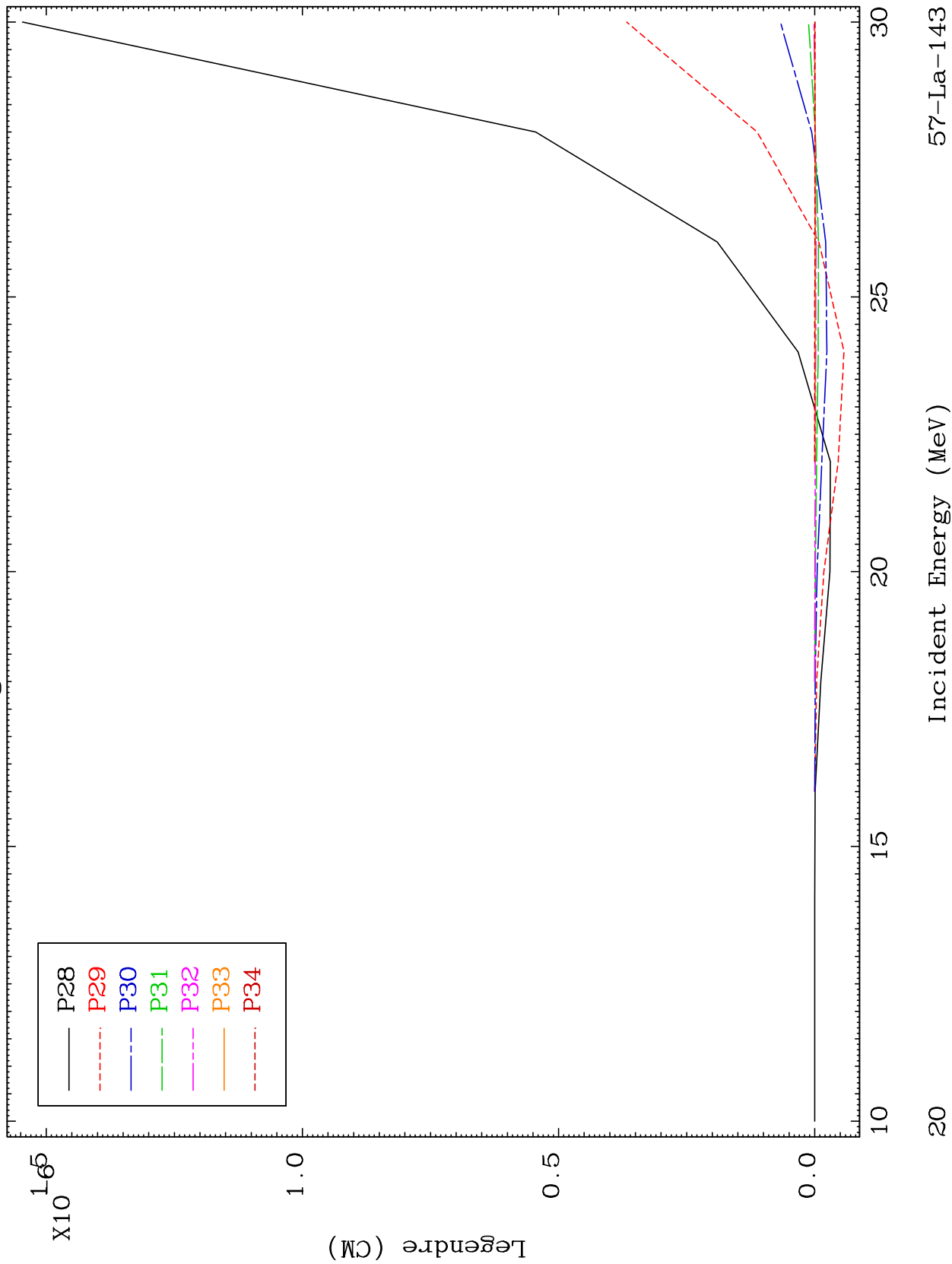
Incident Energy (MeV)

57-La-143

MAT 5740

Elastic  
Legendre Coefficients

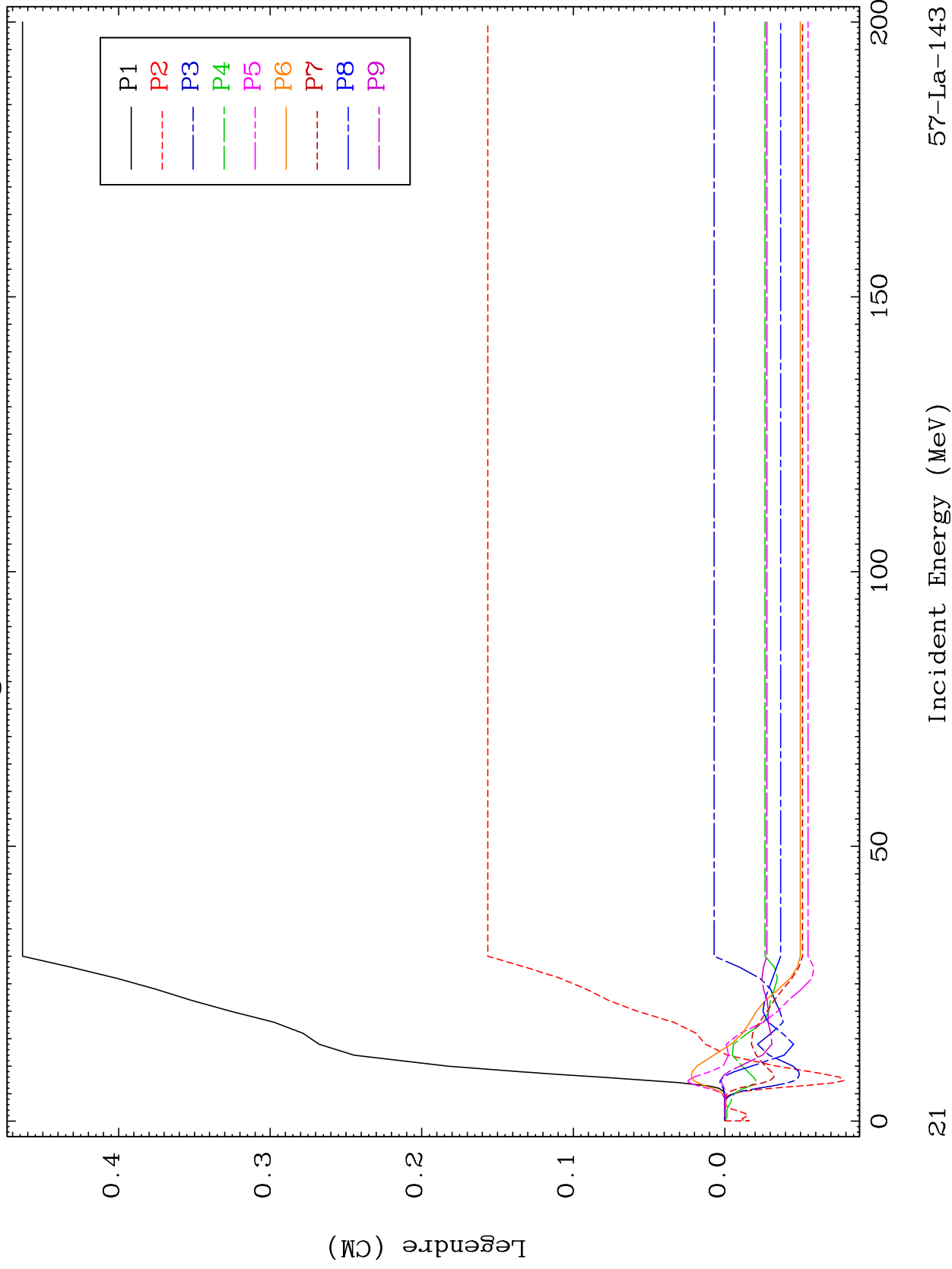
57-La-143



MAT 5740

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

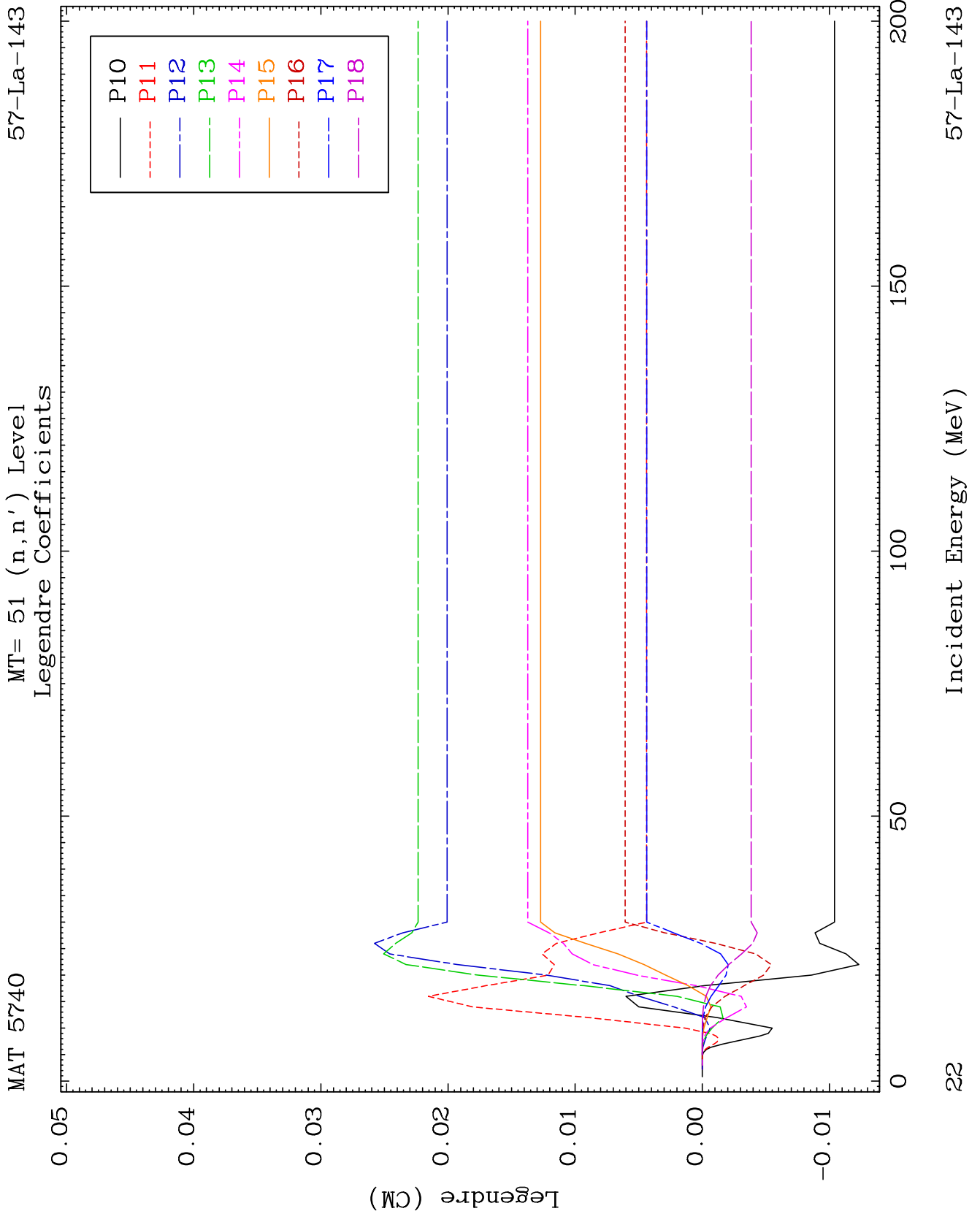
57-La-143



57-La-143

Incident Energy (MeV)

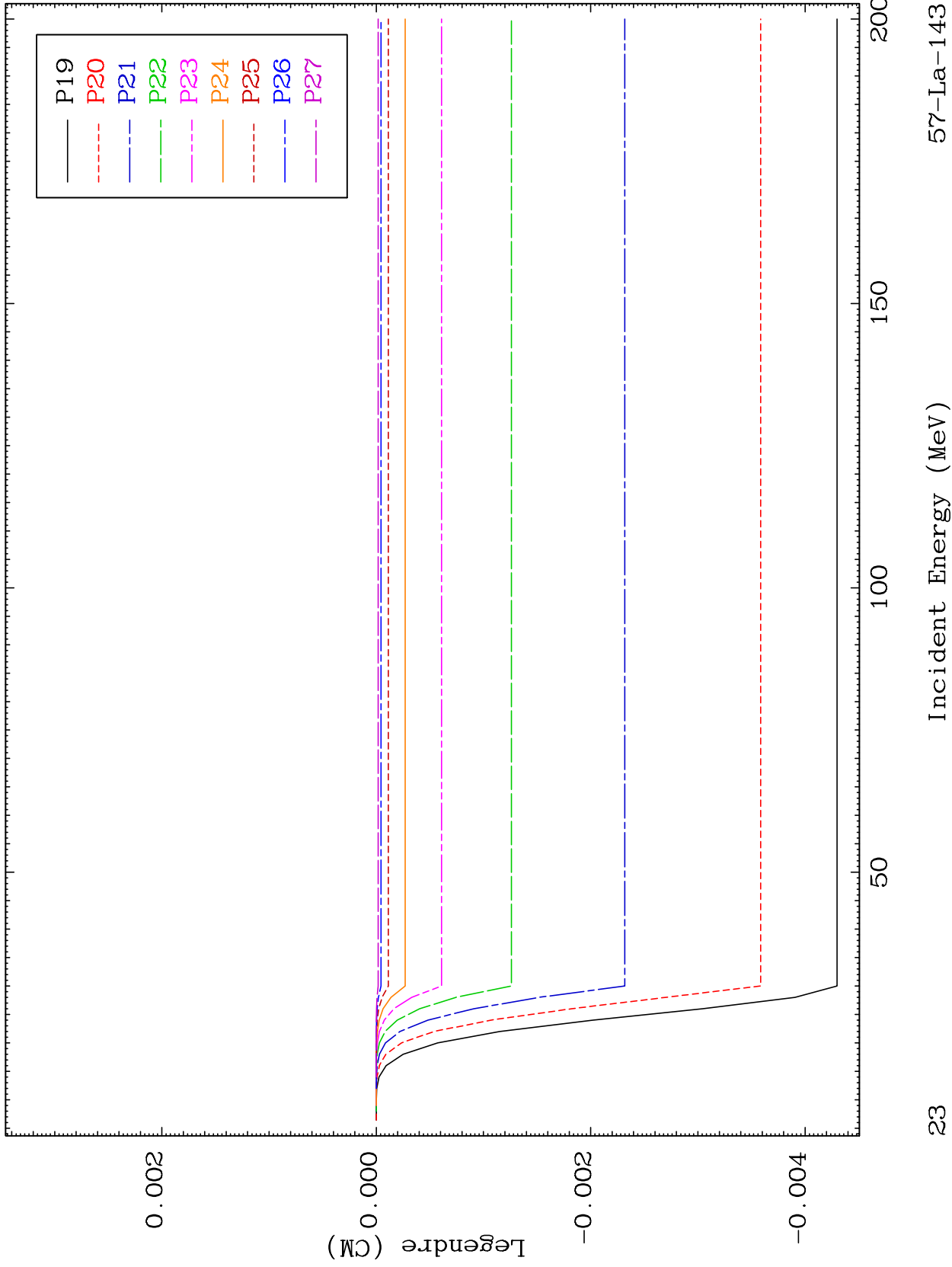
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MAT 5740

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

57-La-143

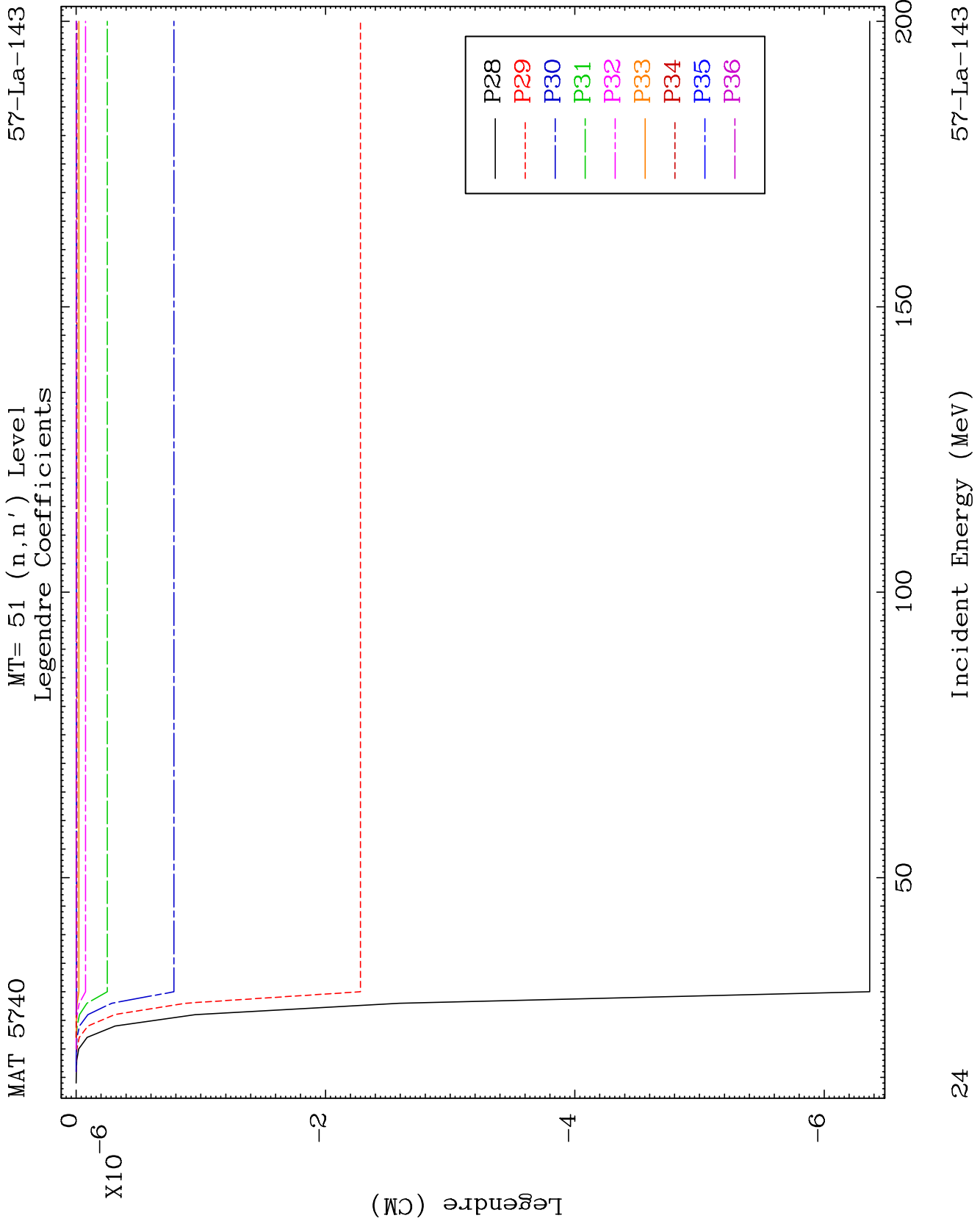


23

Incident Energy (MeV)

57-La-143

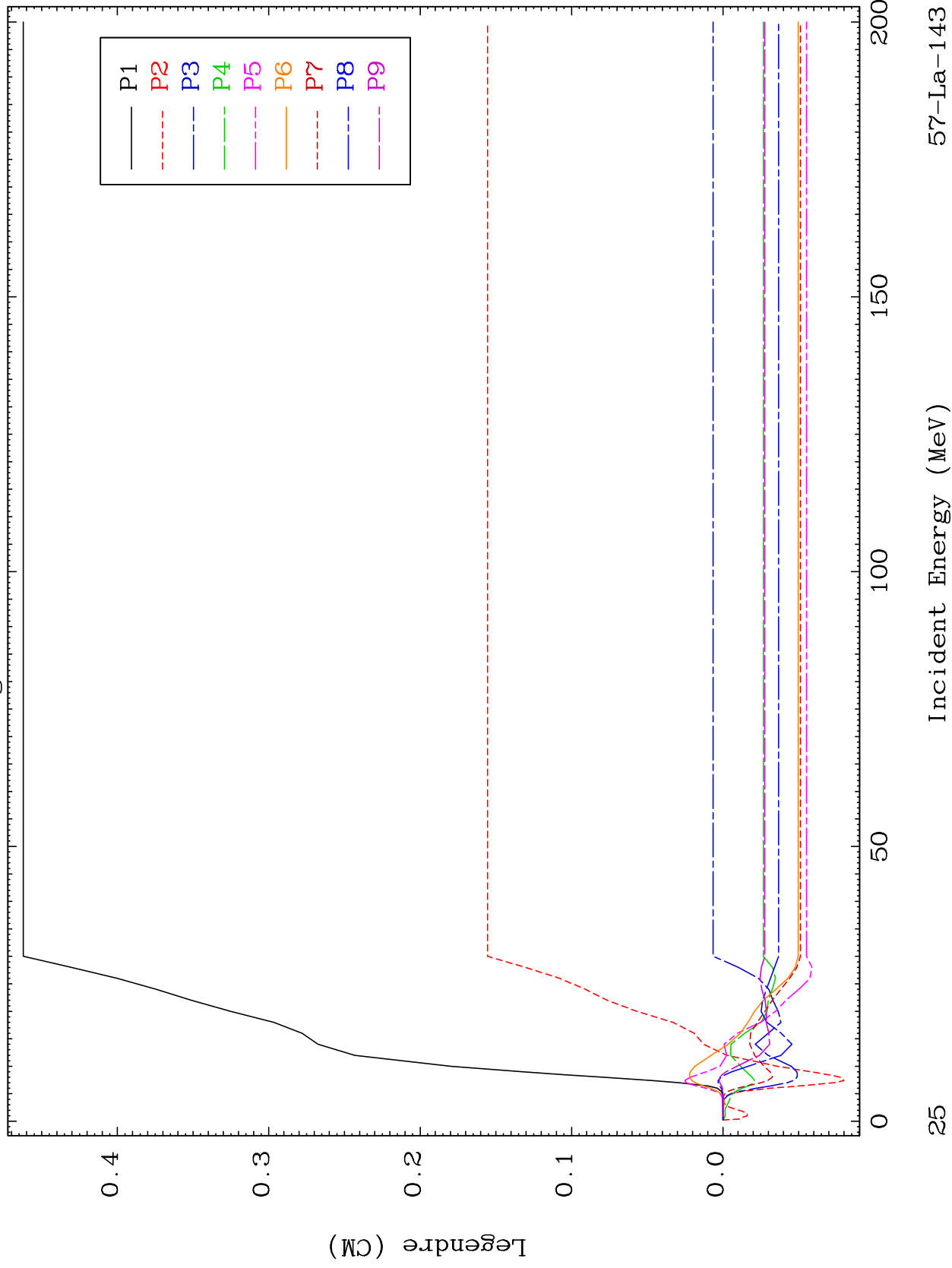




MAT 5740

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

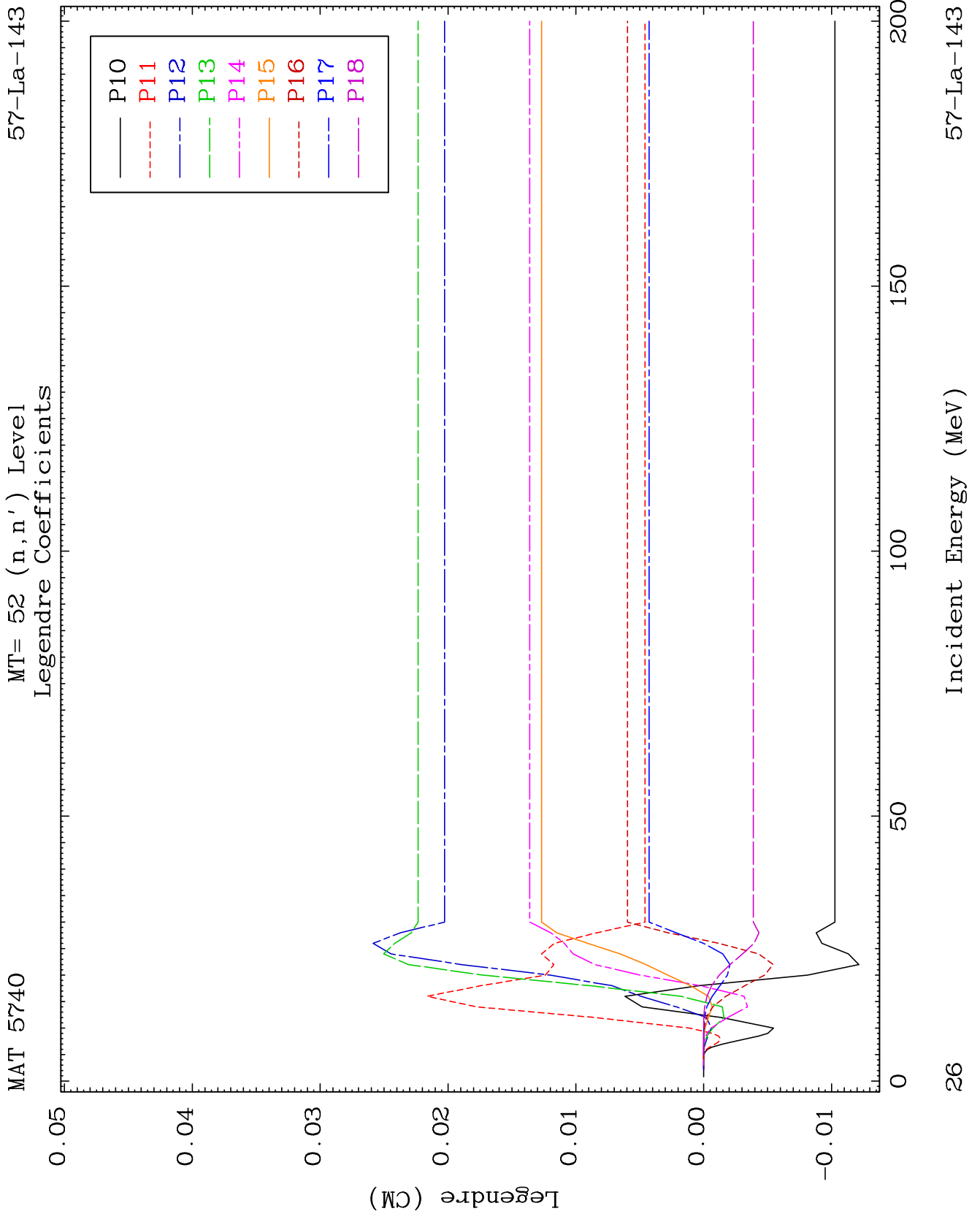
57-La-143



57-La-143

Incident Energy (MeV)

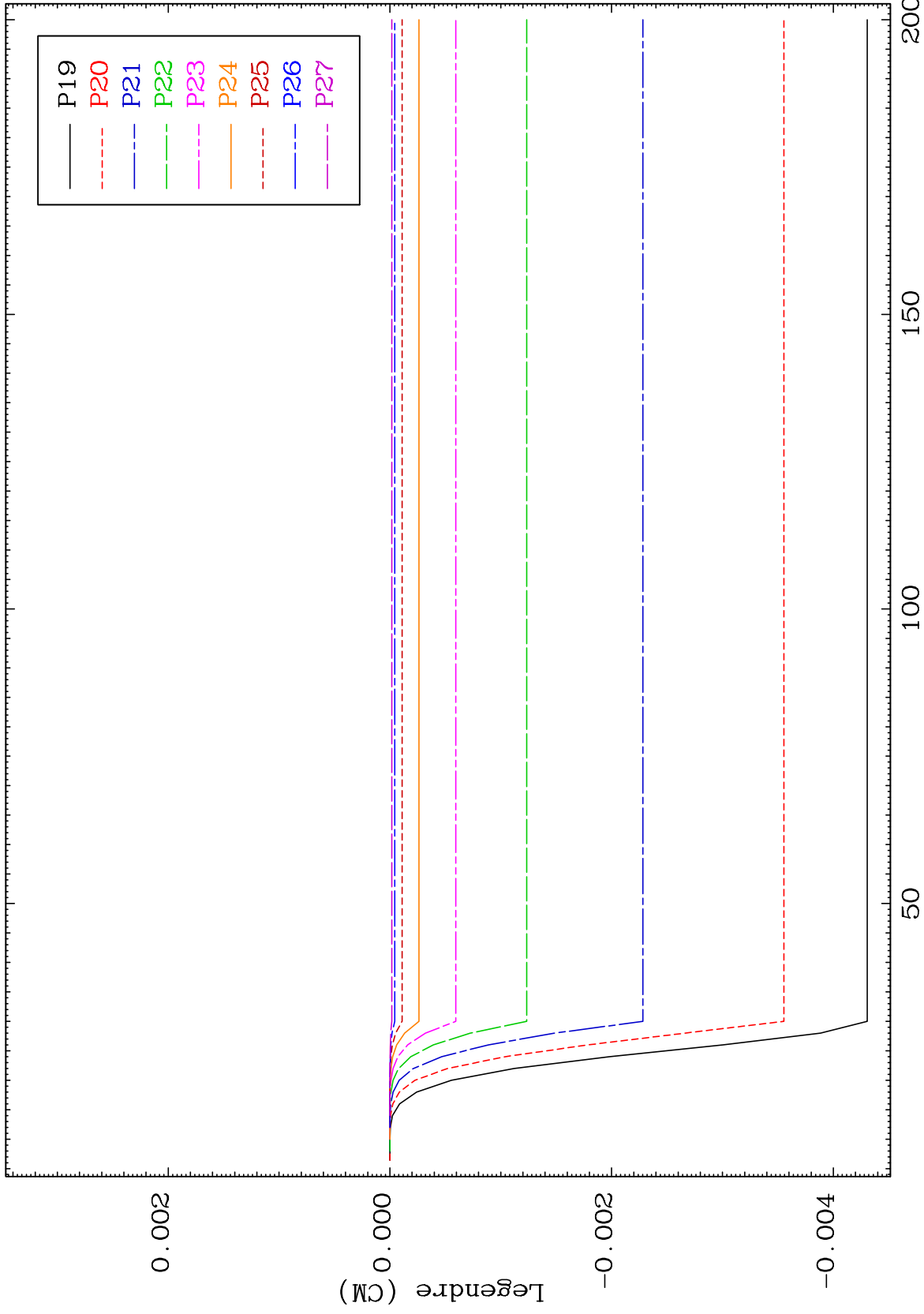
25



MAT 5740

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

57-La-143



27

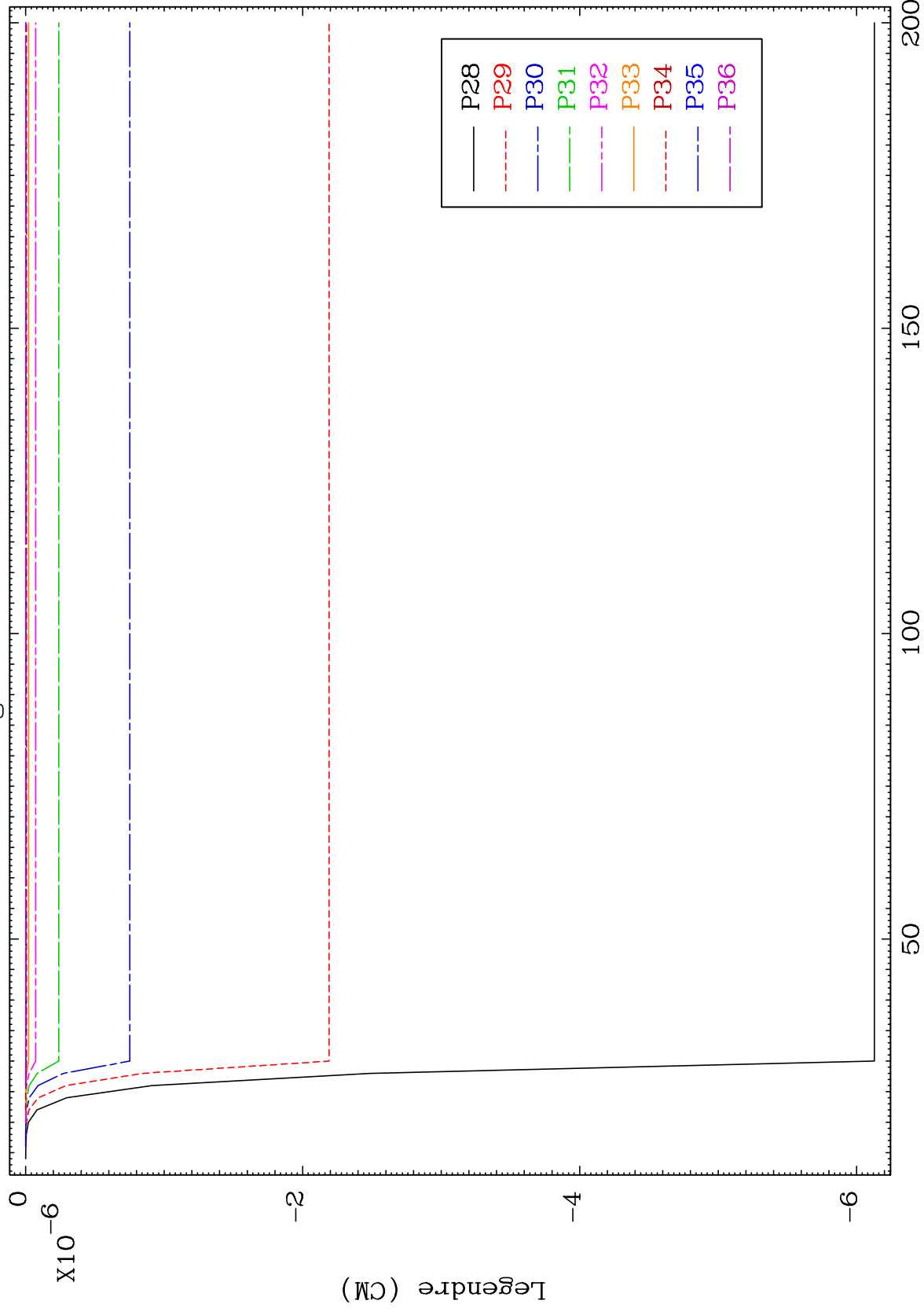
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



28

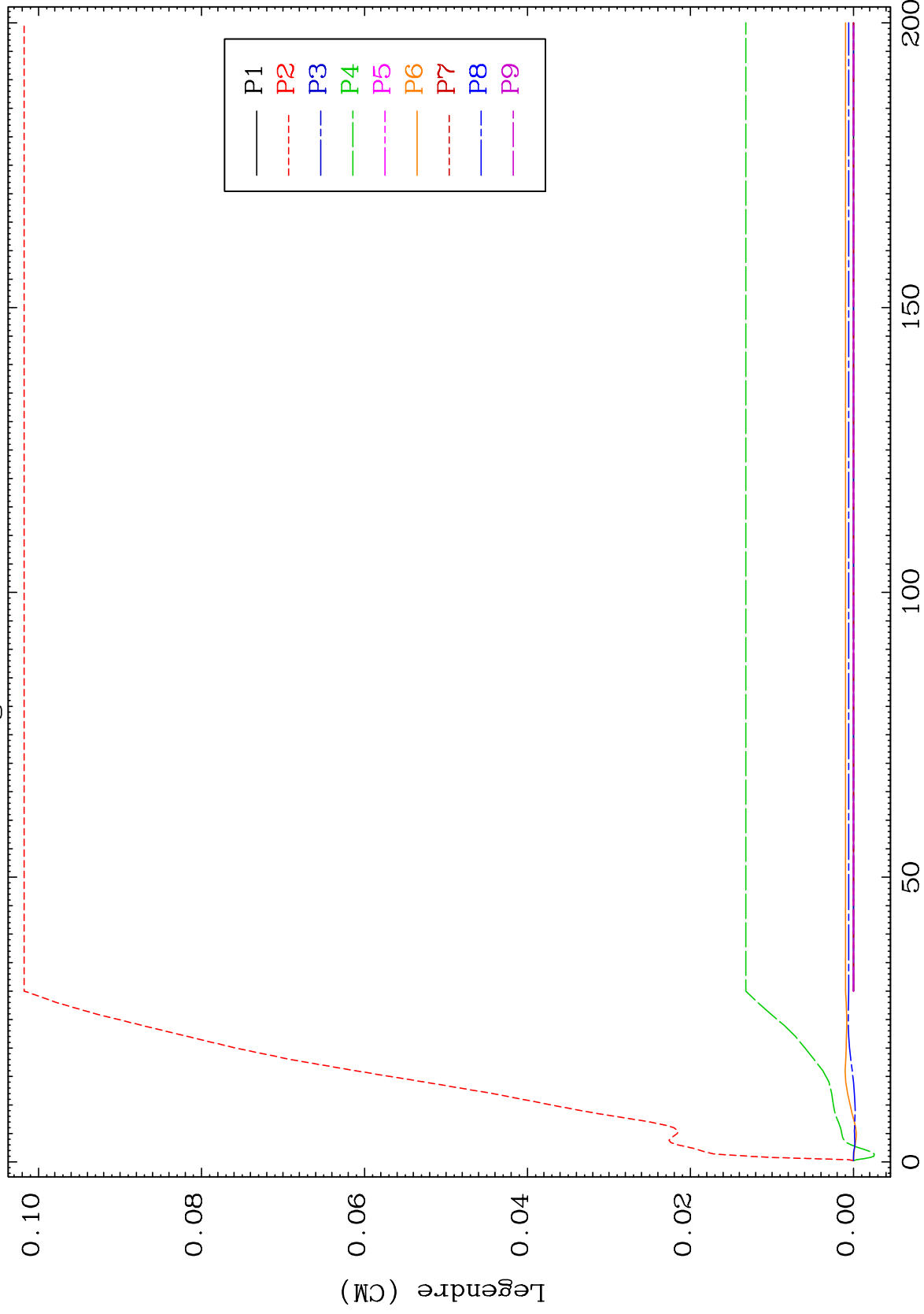
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



29

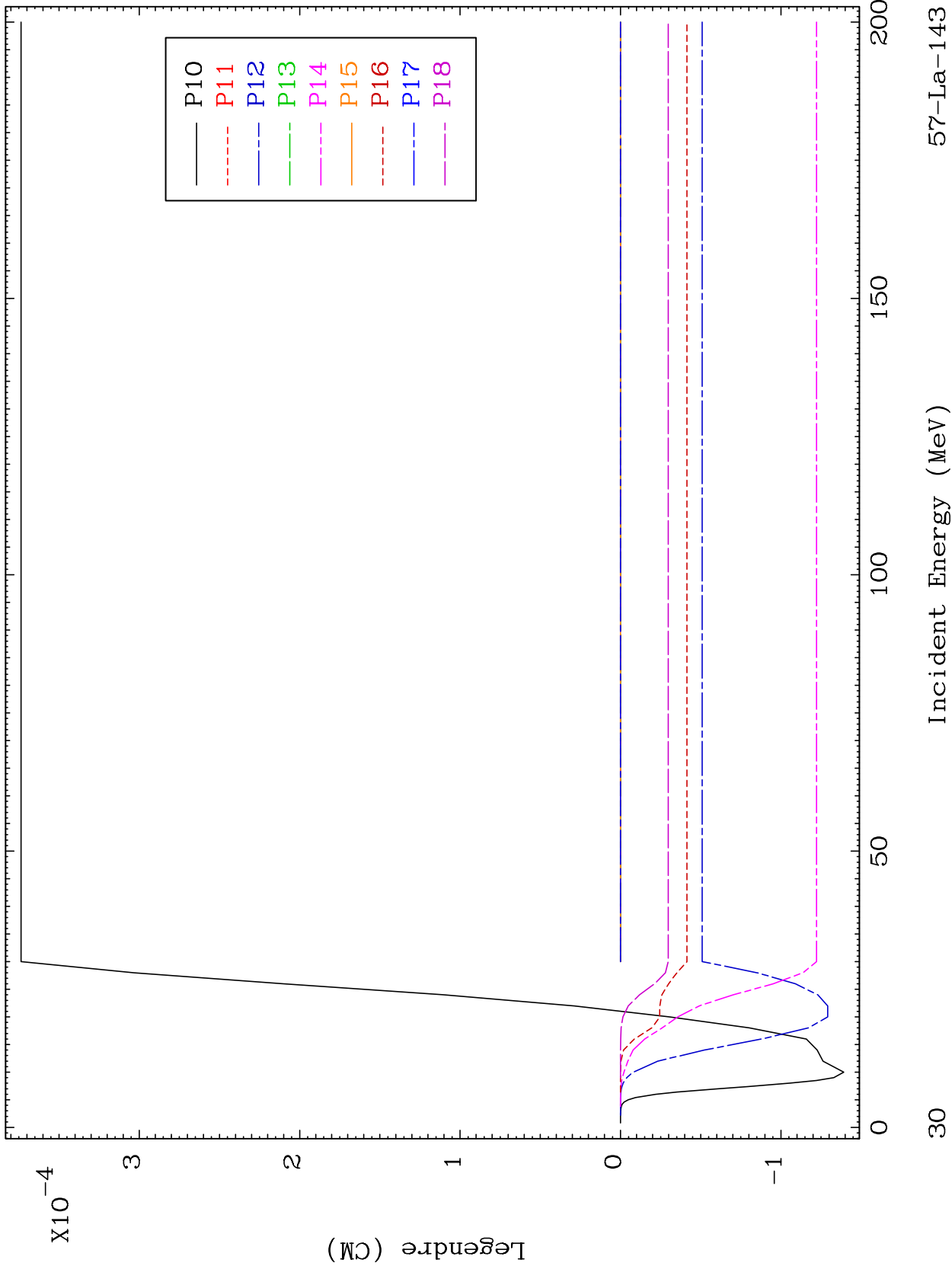
Incident Energy (MeV)

57-La-143

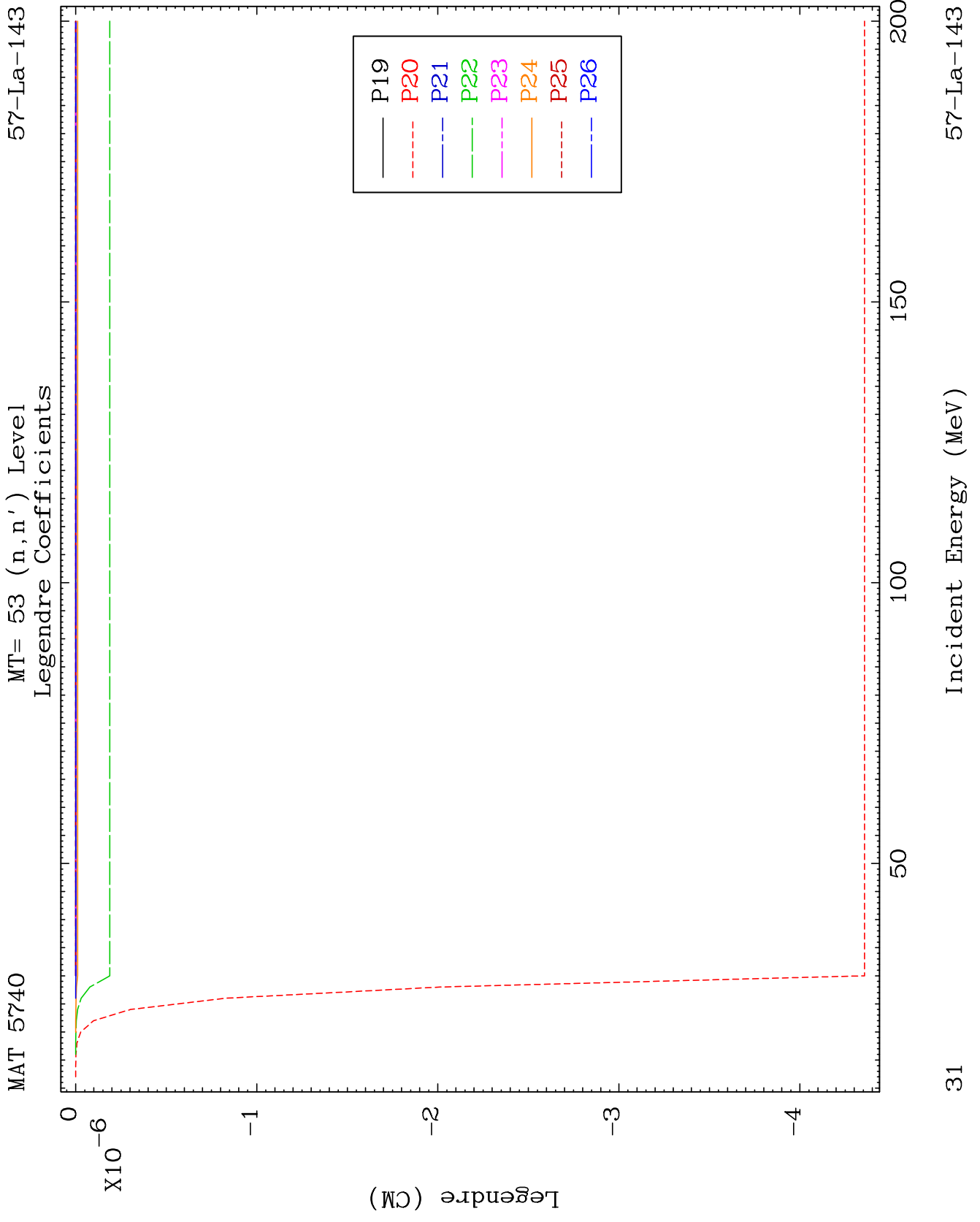
MAT 5740

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

57-La-143



57-La-143

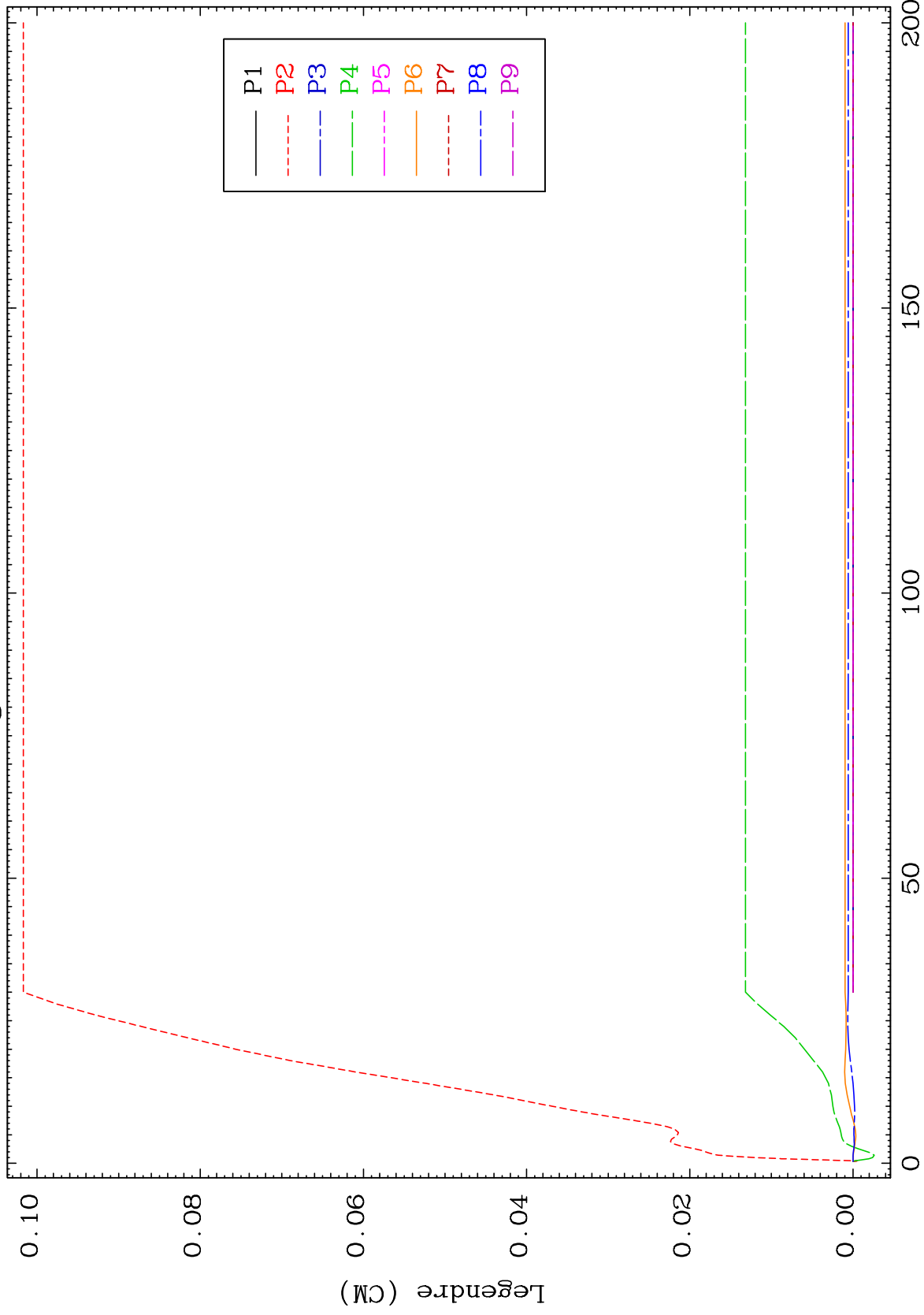




MAT 5740

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

57-La-143



57-La-143

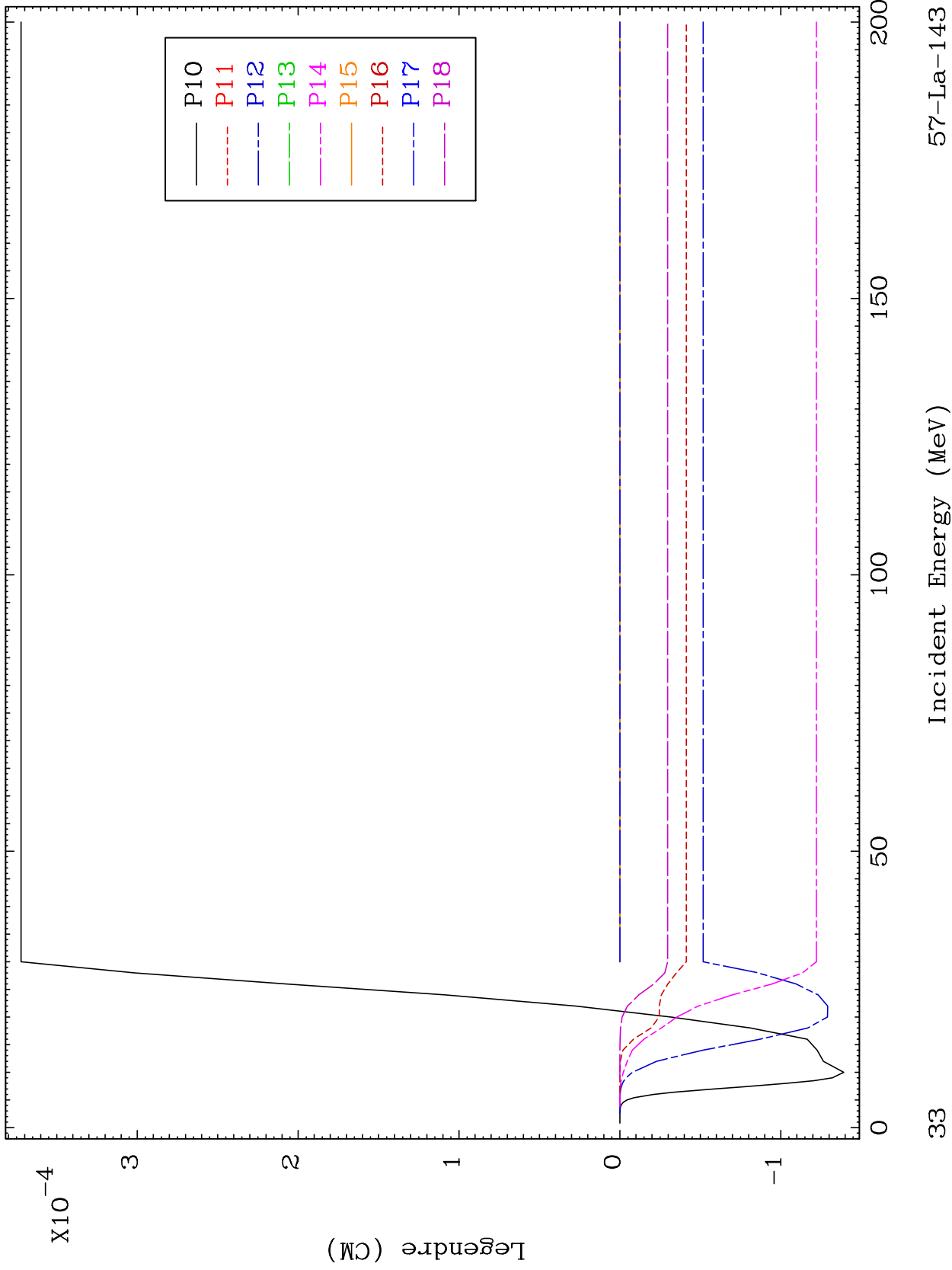
Incident Energy (MeV)

32

MAT 5740

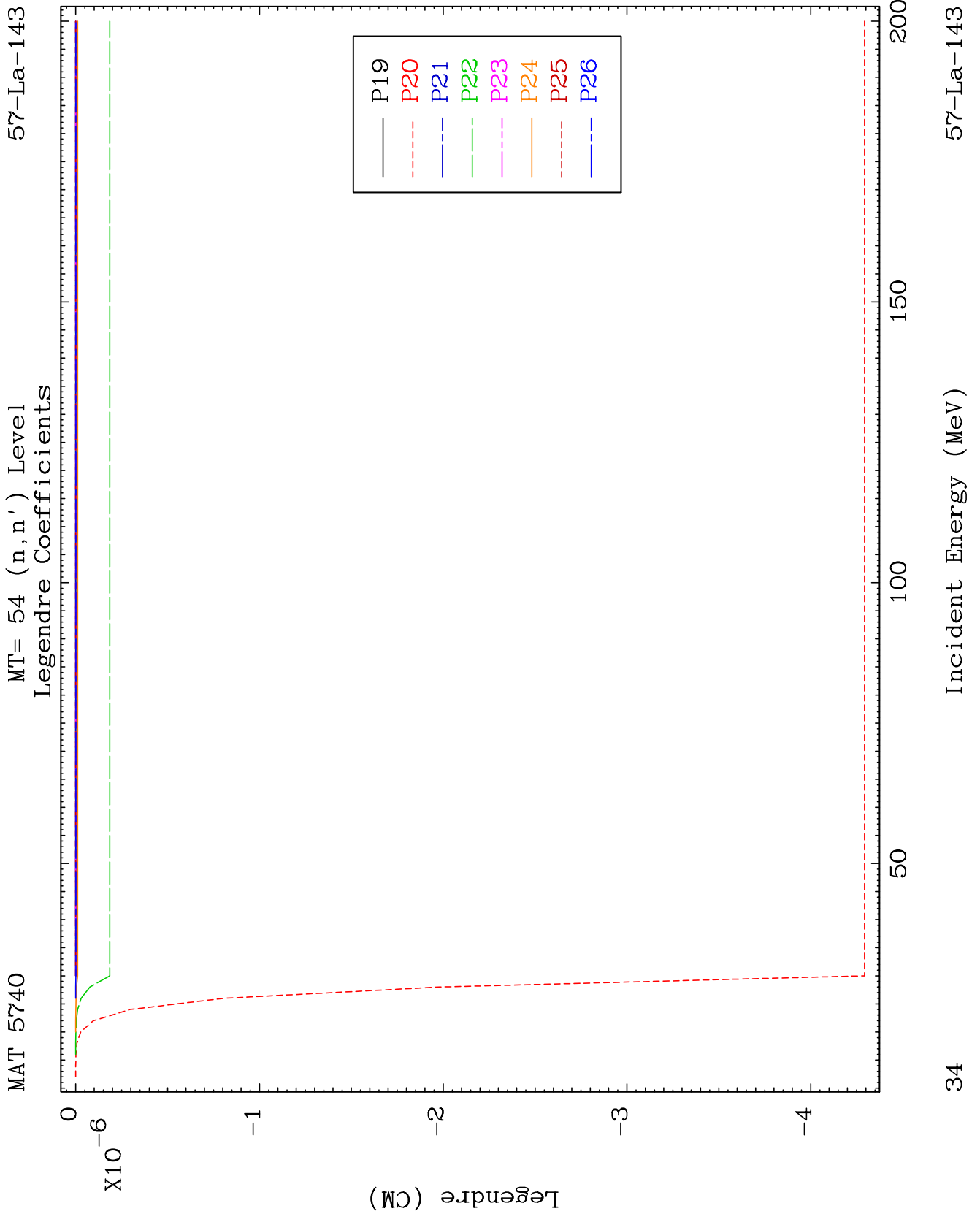
MT= 54 (n,n') Level  
Legendre Coefficients

57-La-143



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57-La-143

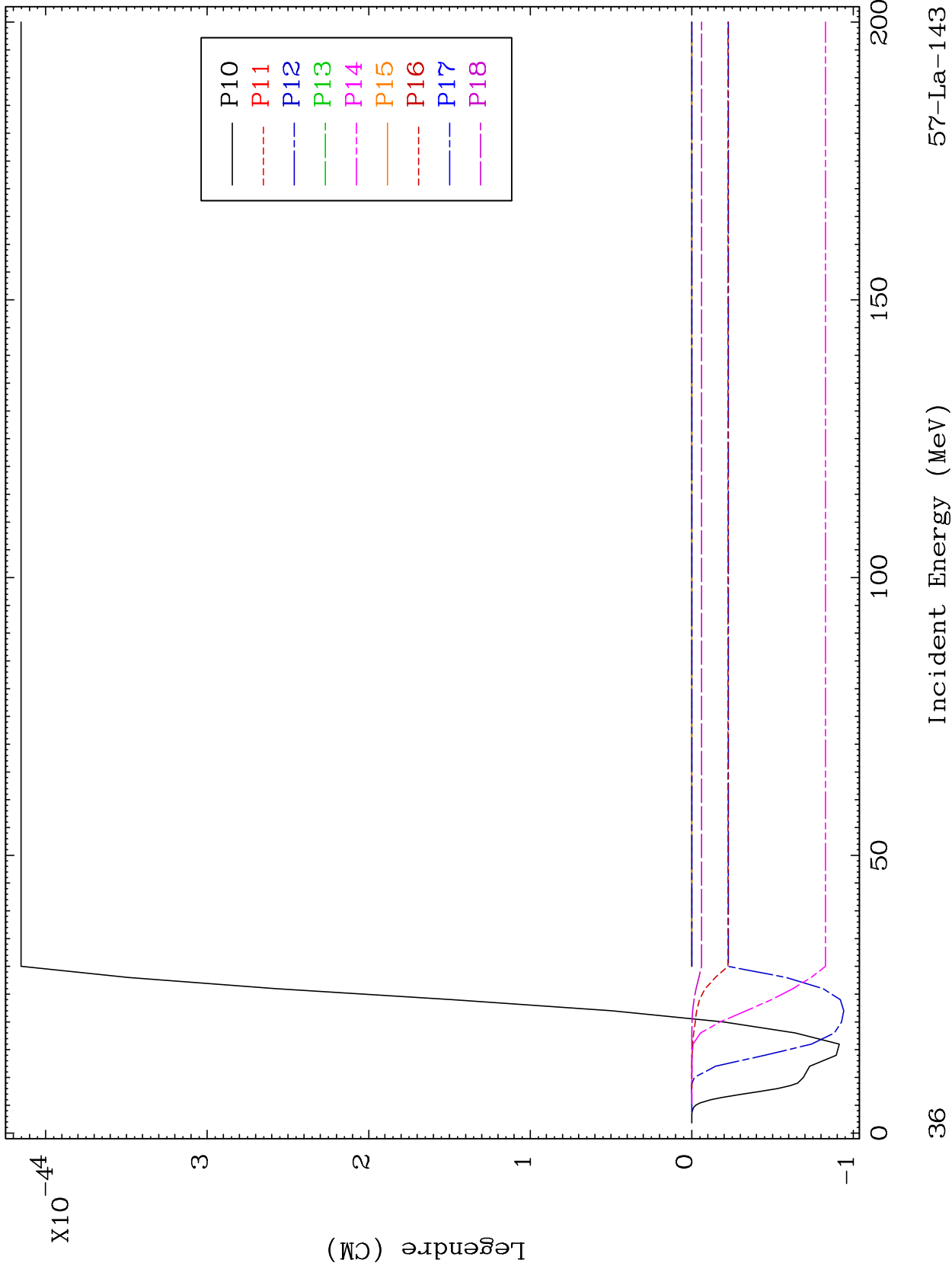




MAT 5740

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Legendre Coefficients

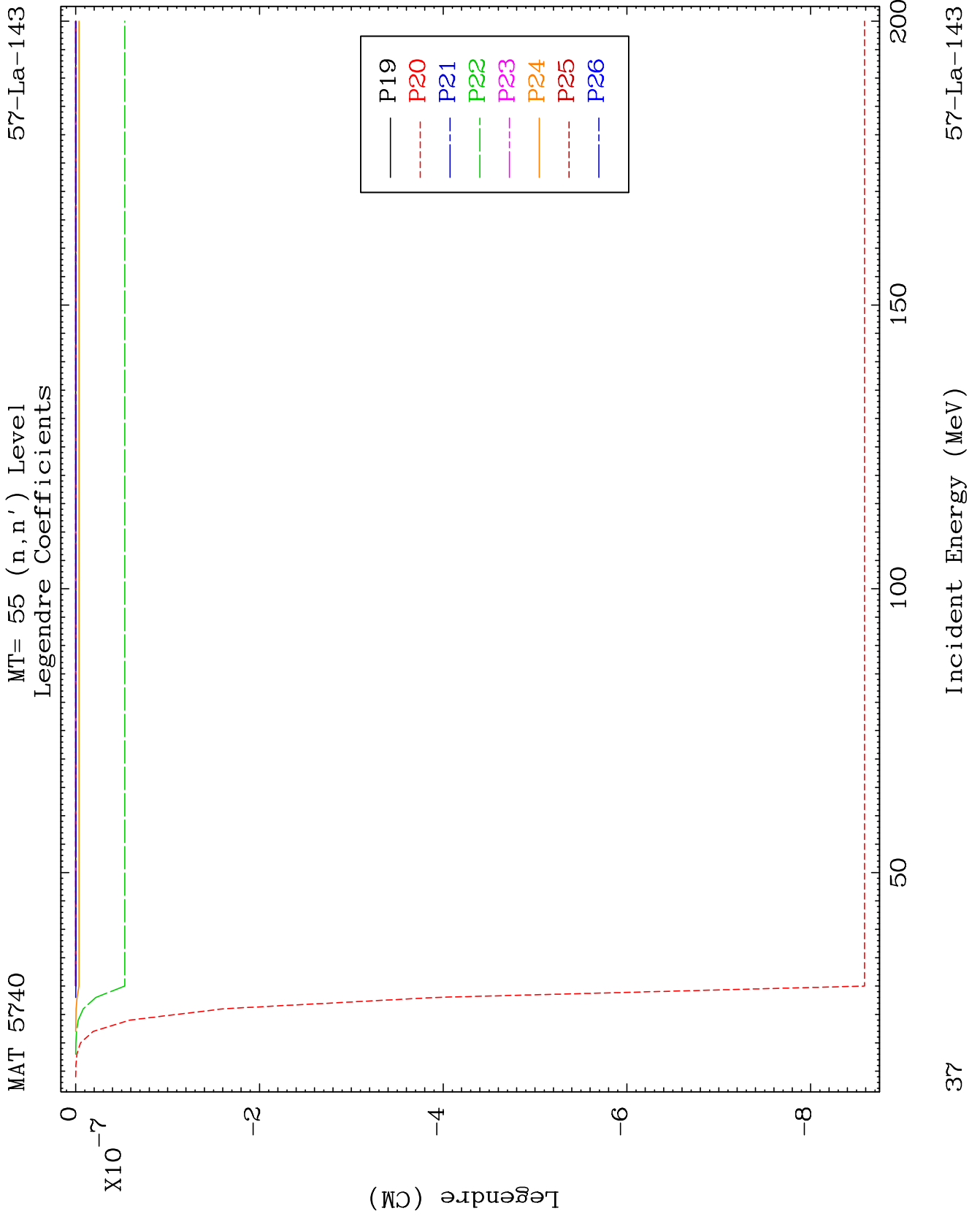
57-La-143



36

Incident Energy (MeV)

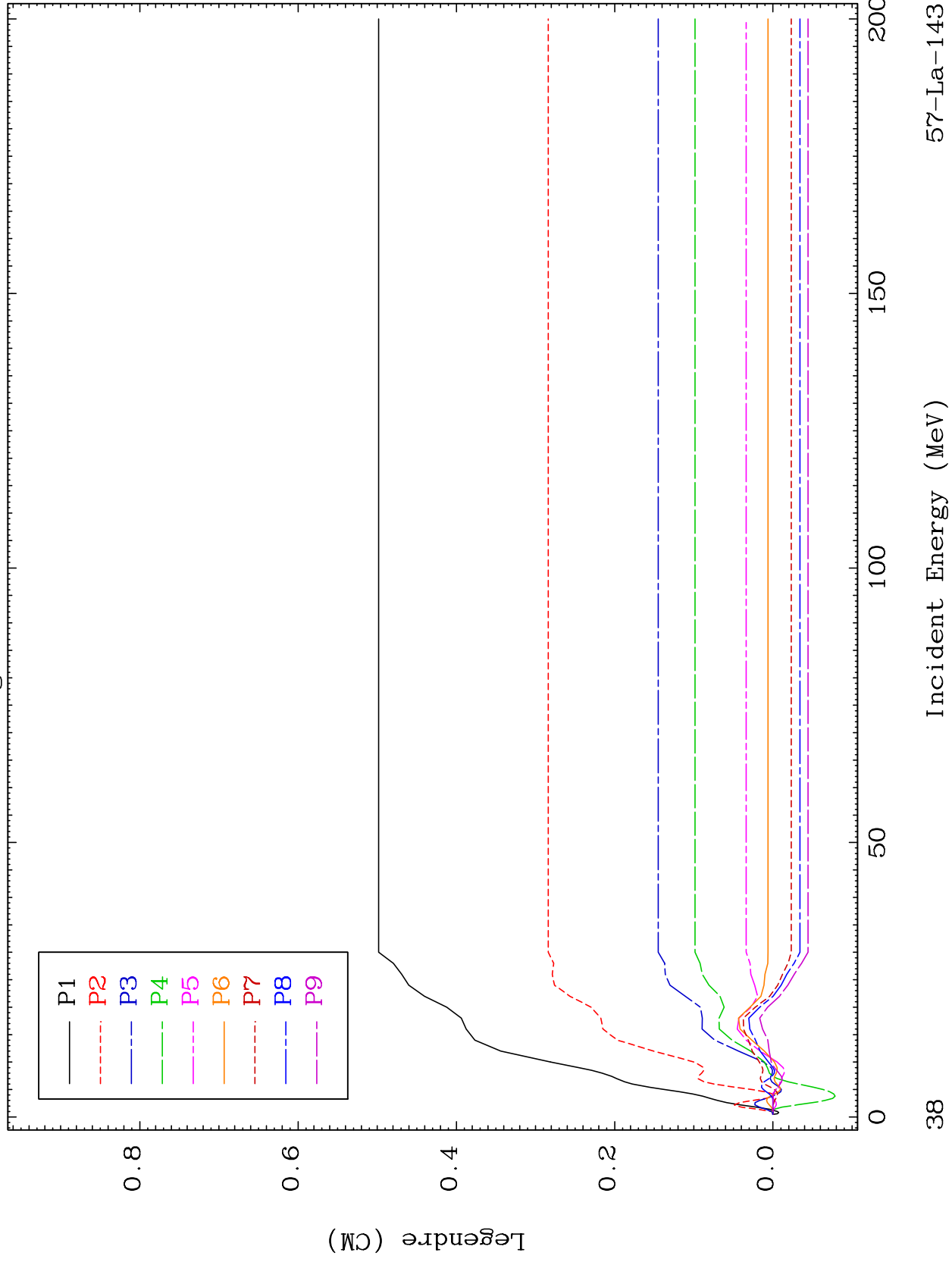
57-La-143



MAT 5740

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

57-La-143



57-La-143

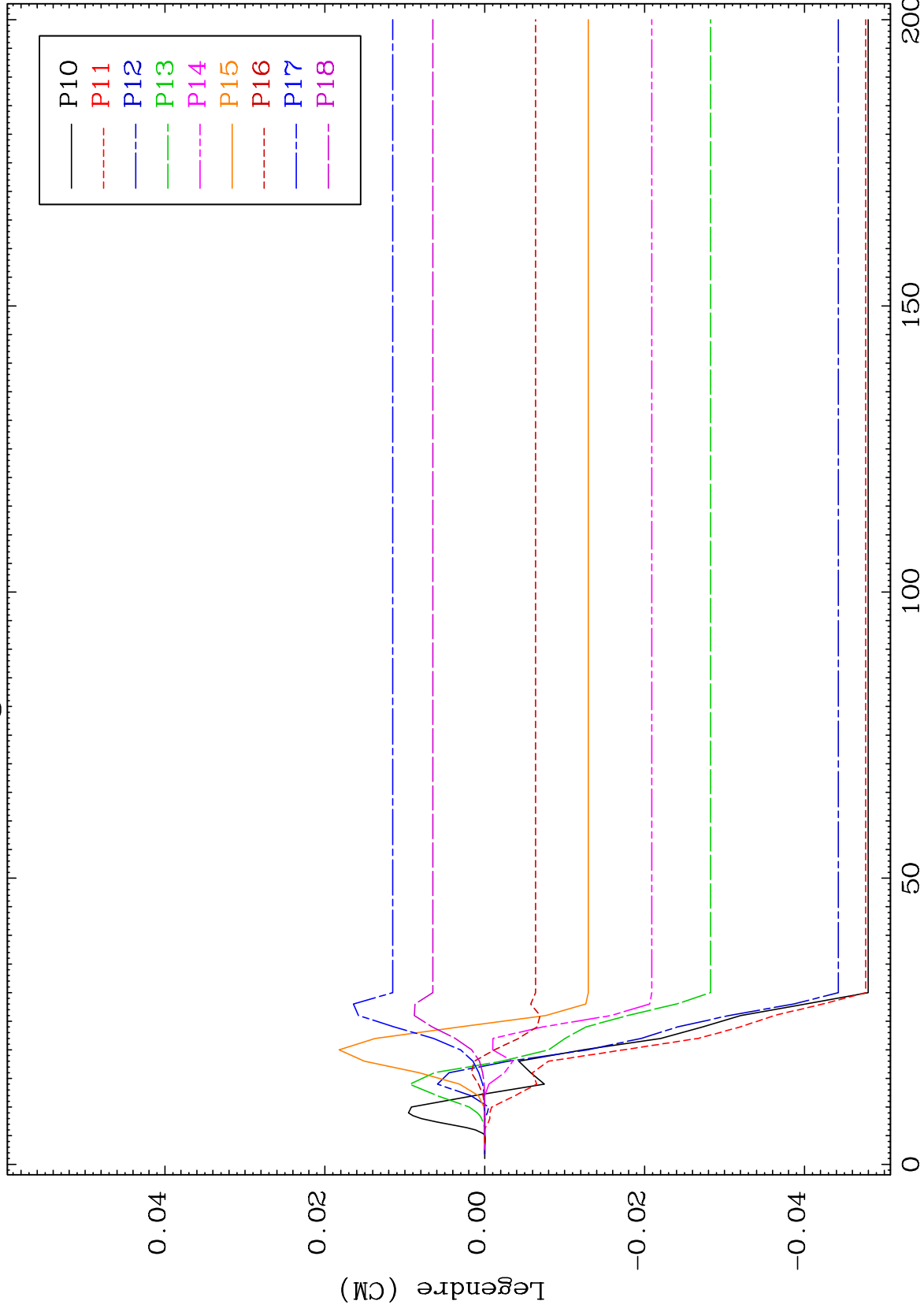
Incident Energy (MeV)

38

MAT 5740

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

57-La-143



39

Incident Energy (MeV)

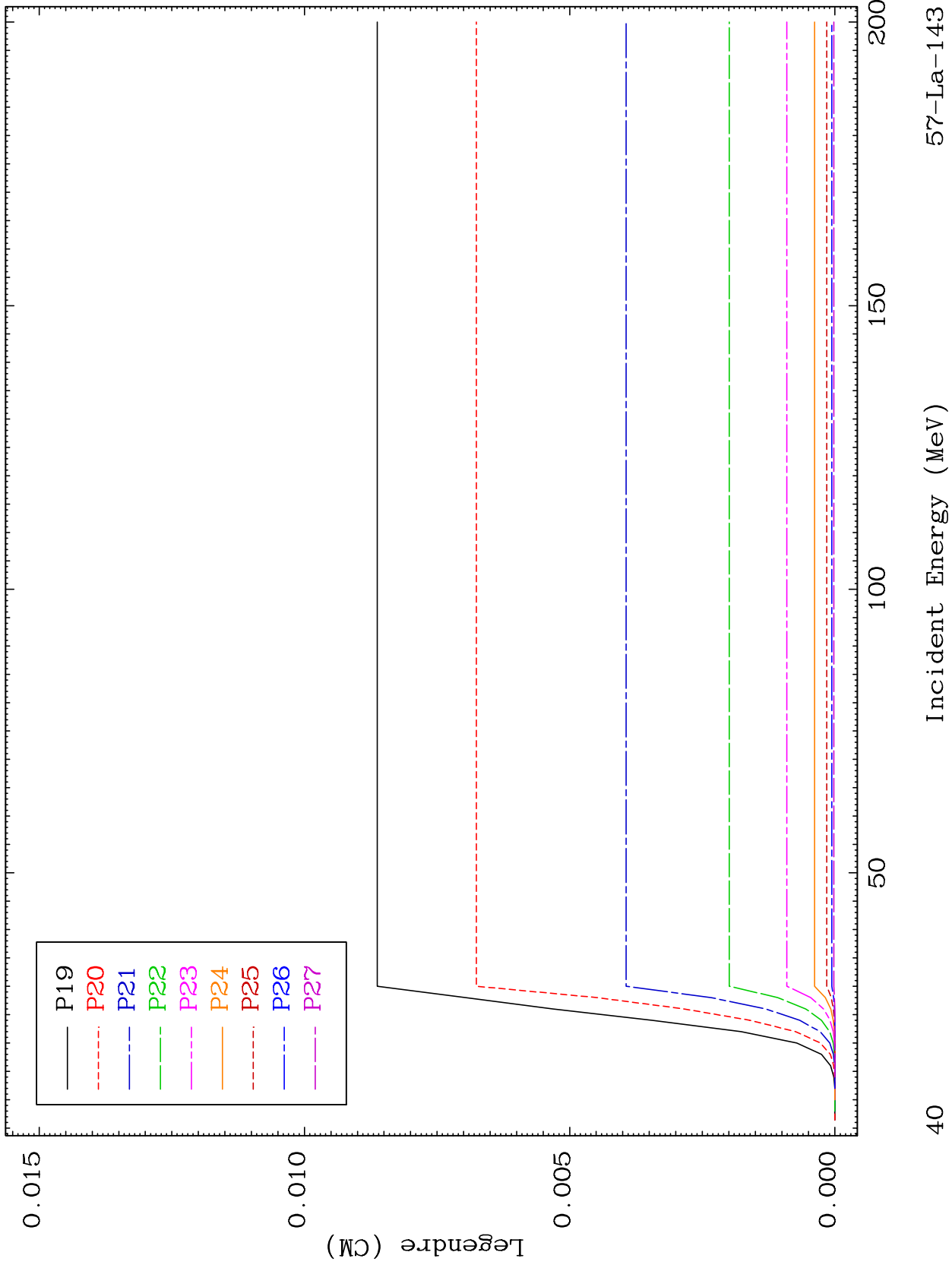
57-La-143



MAT 5740

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

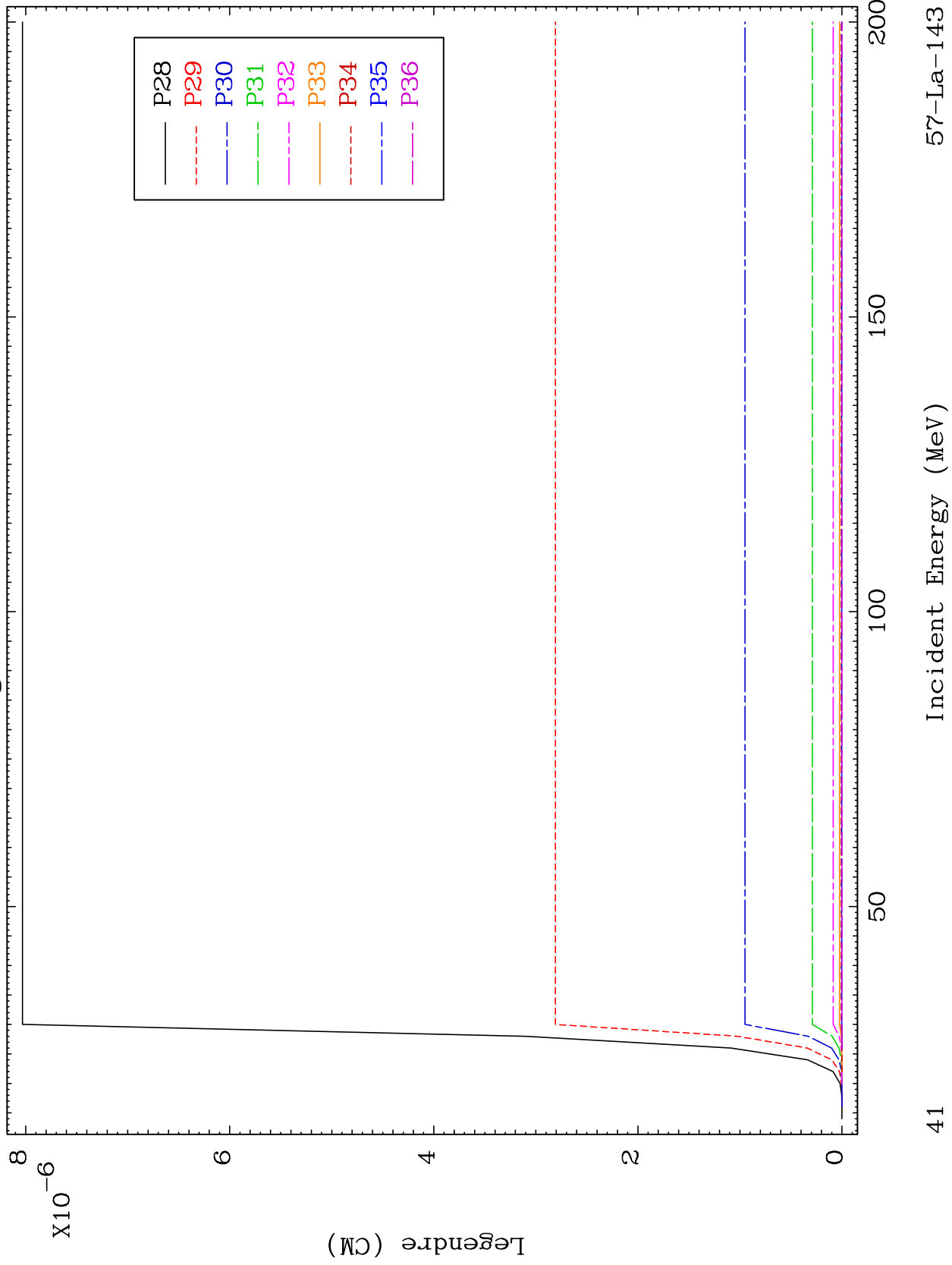
57-La-143



MAT 5740

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

57-La-143



41

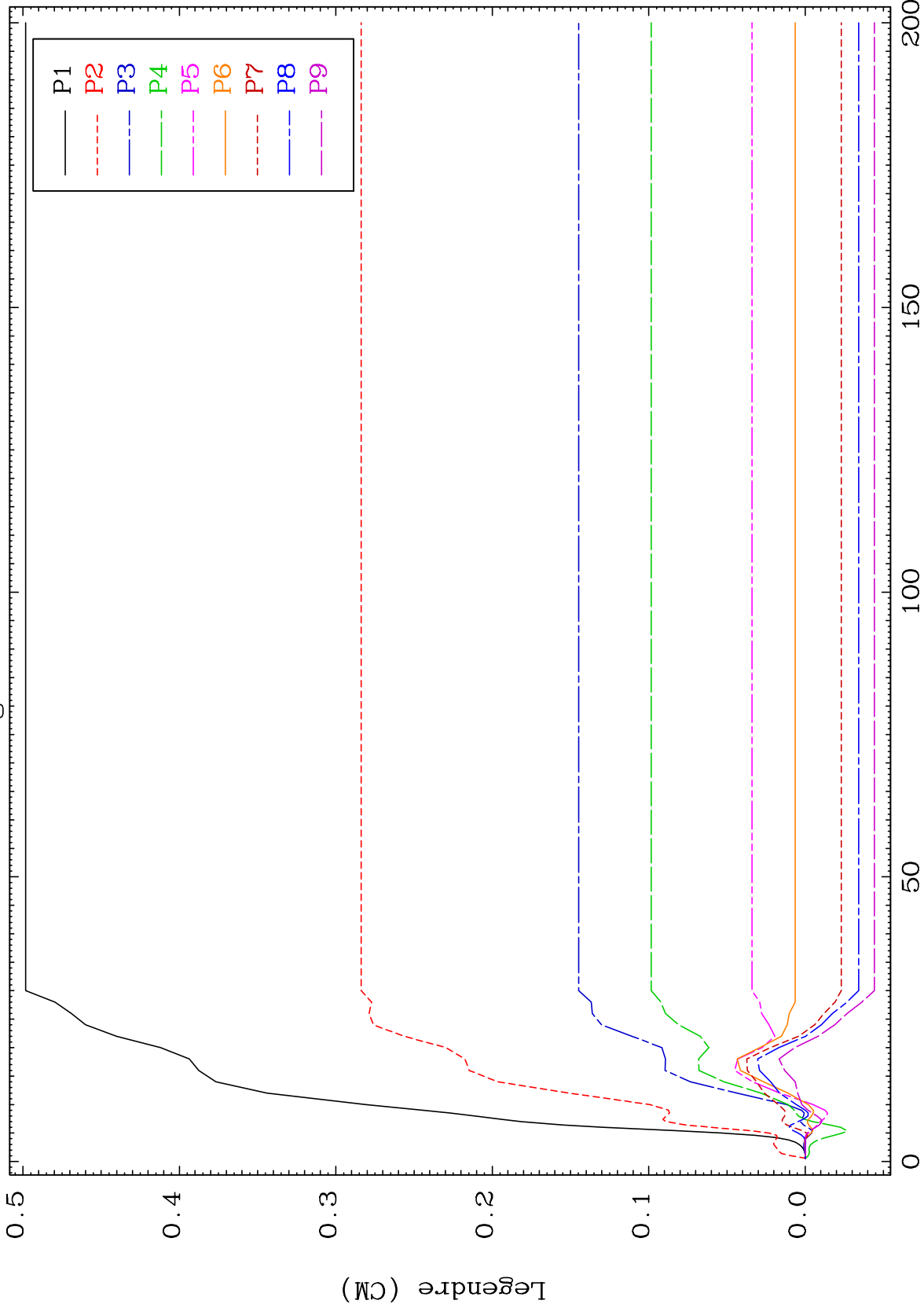
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

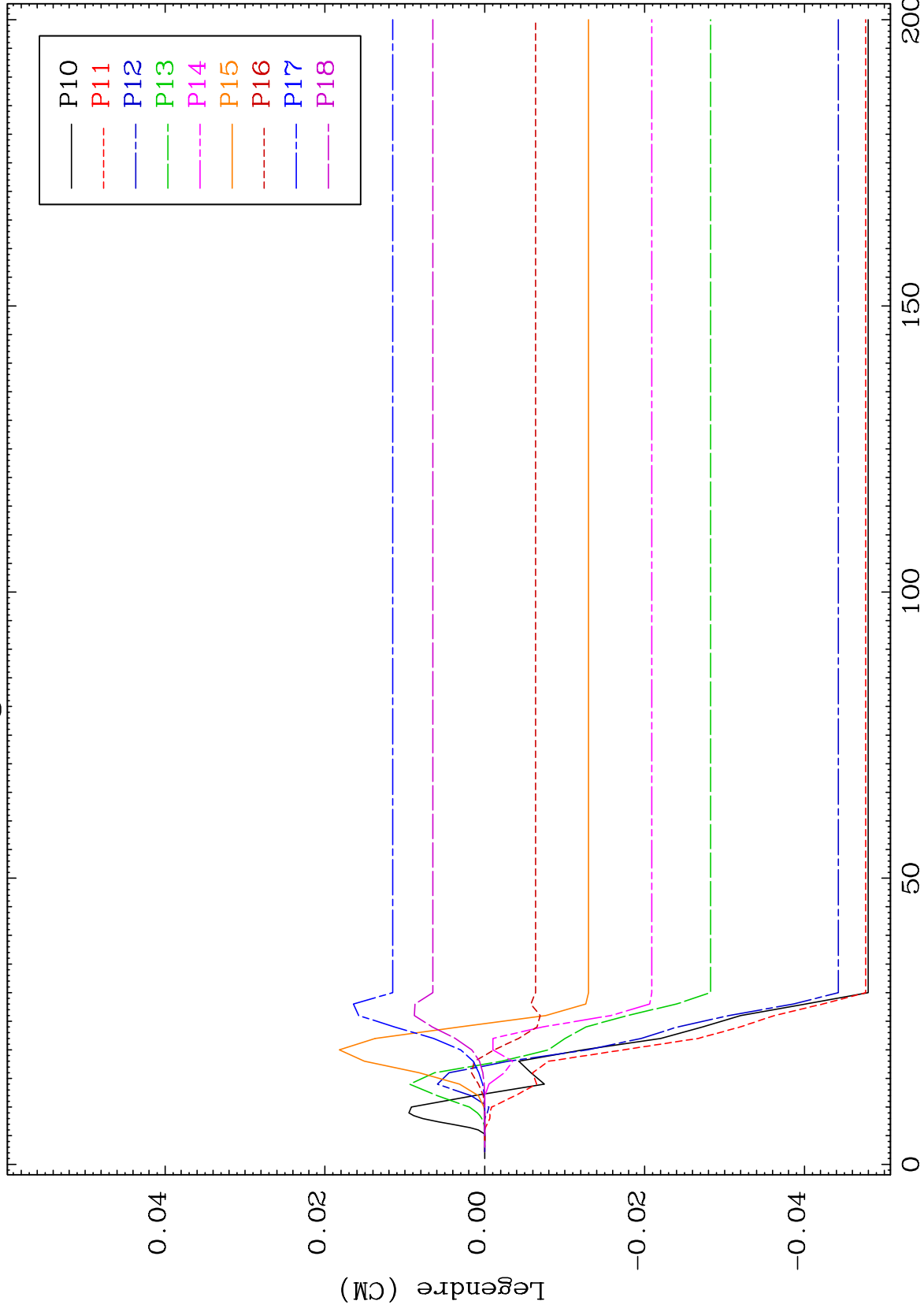
Incident Energy (MeV)

42

MAT 5740

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

57-La-143



43

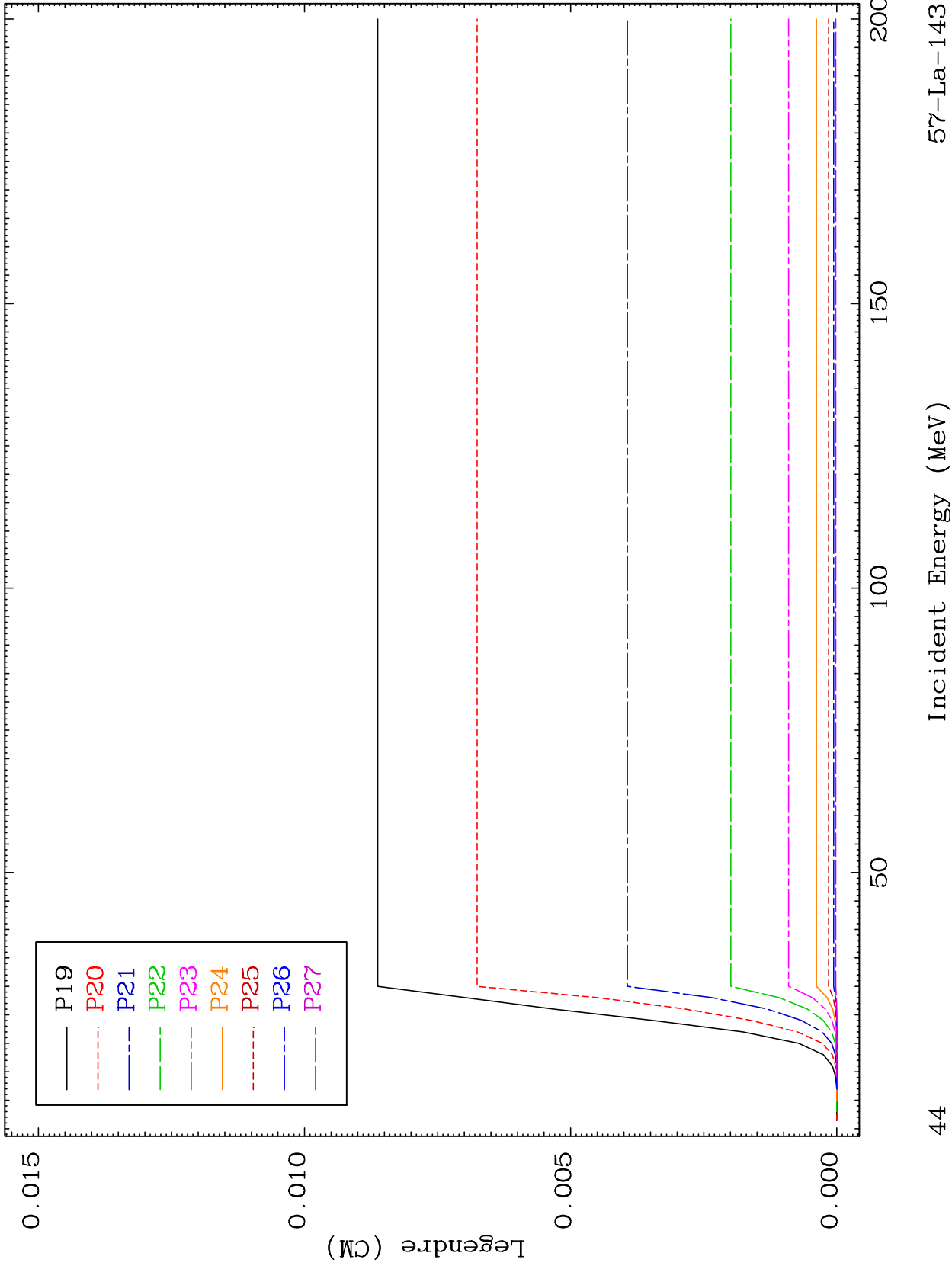
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



44

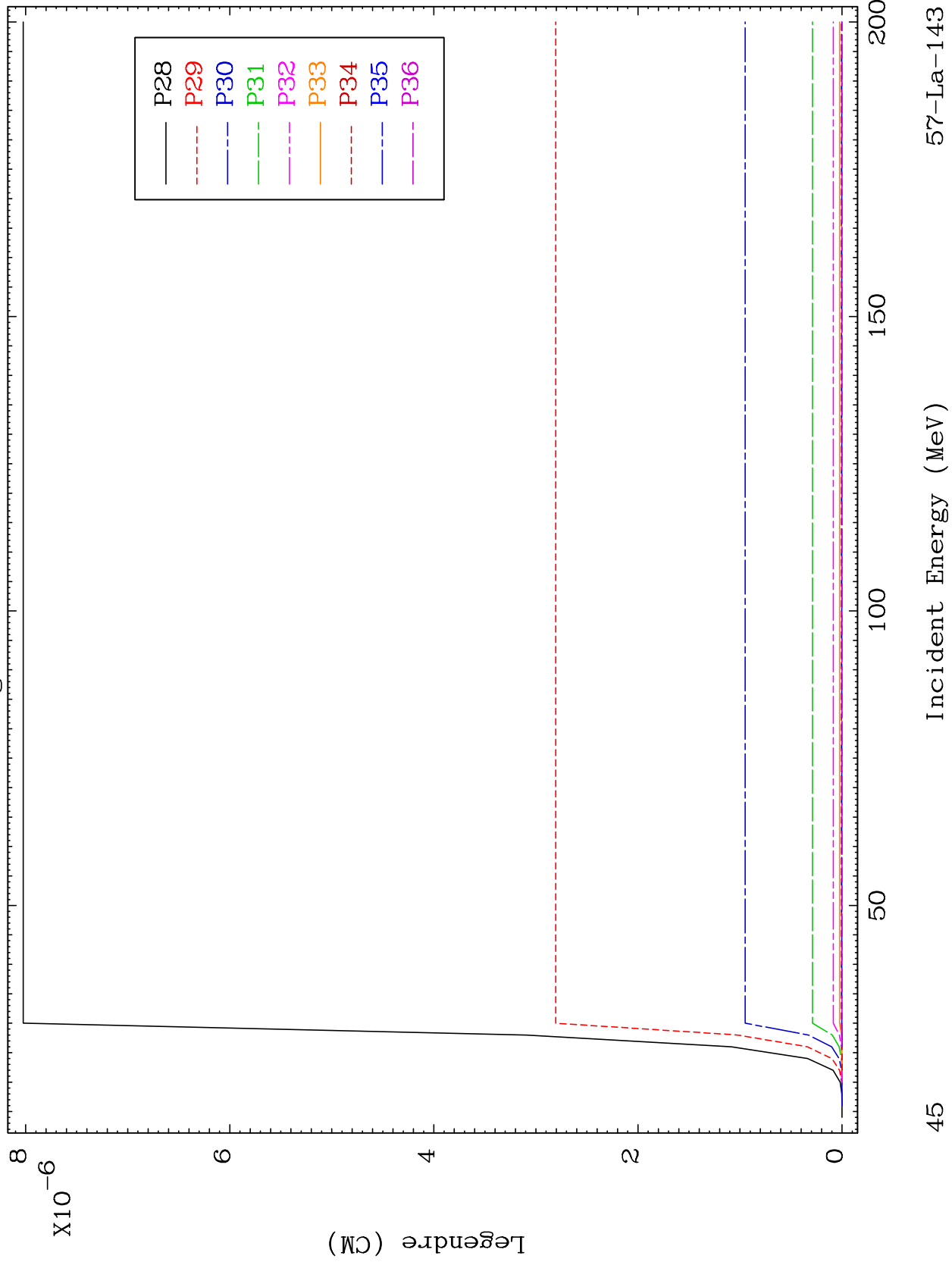
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

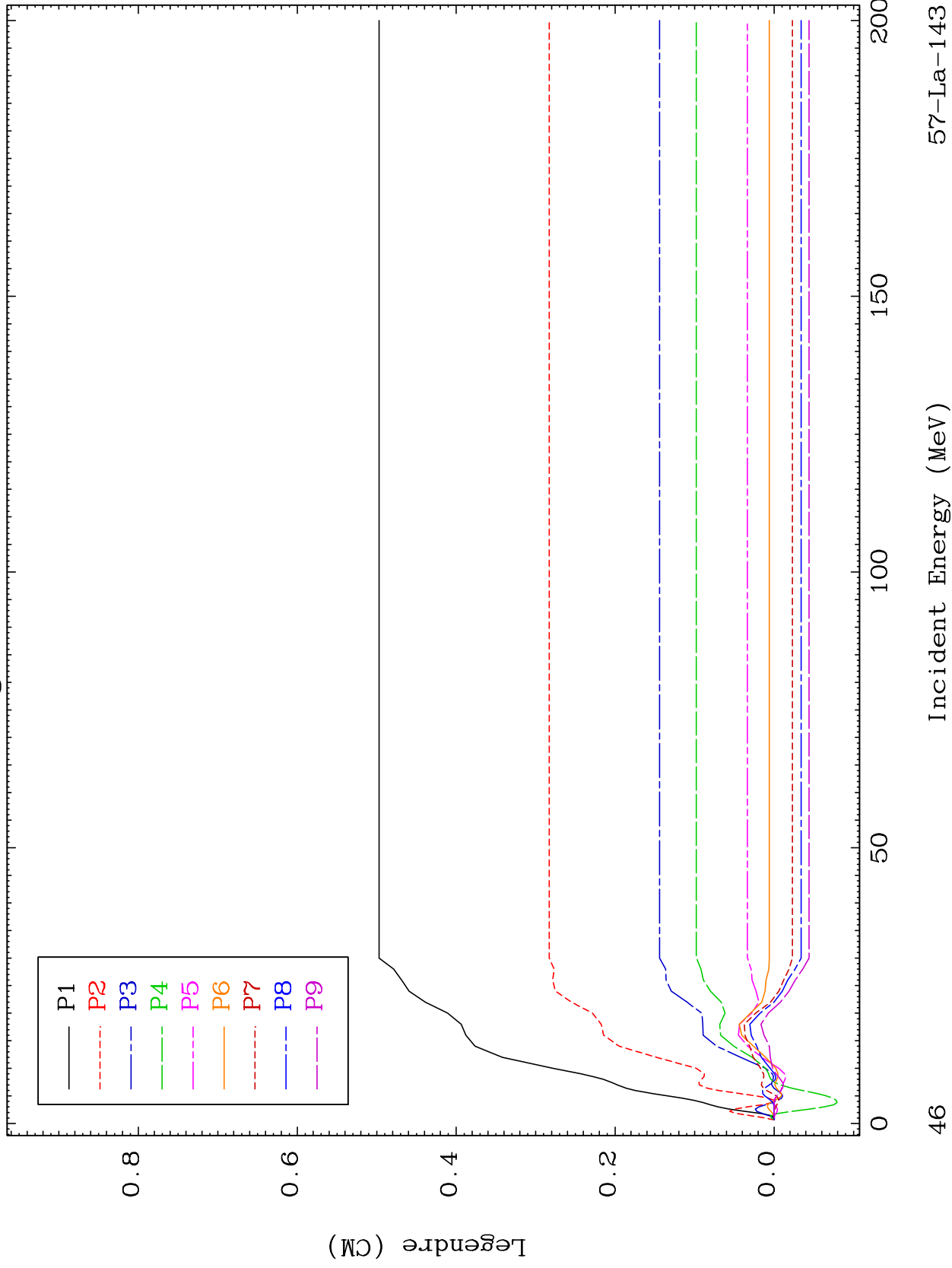
Incident Energy (MeV)

45

MAT 5740

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

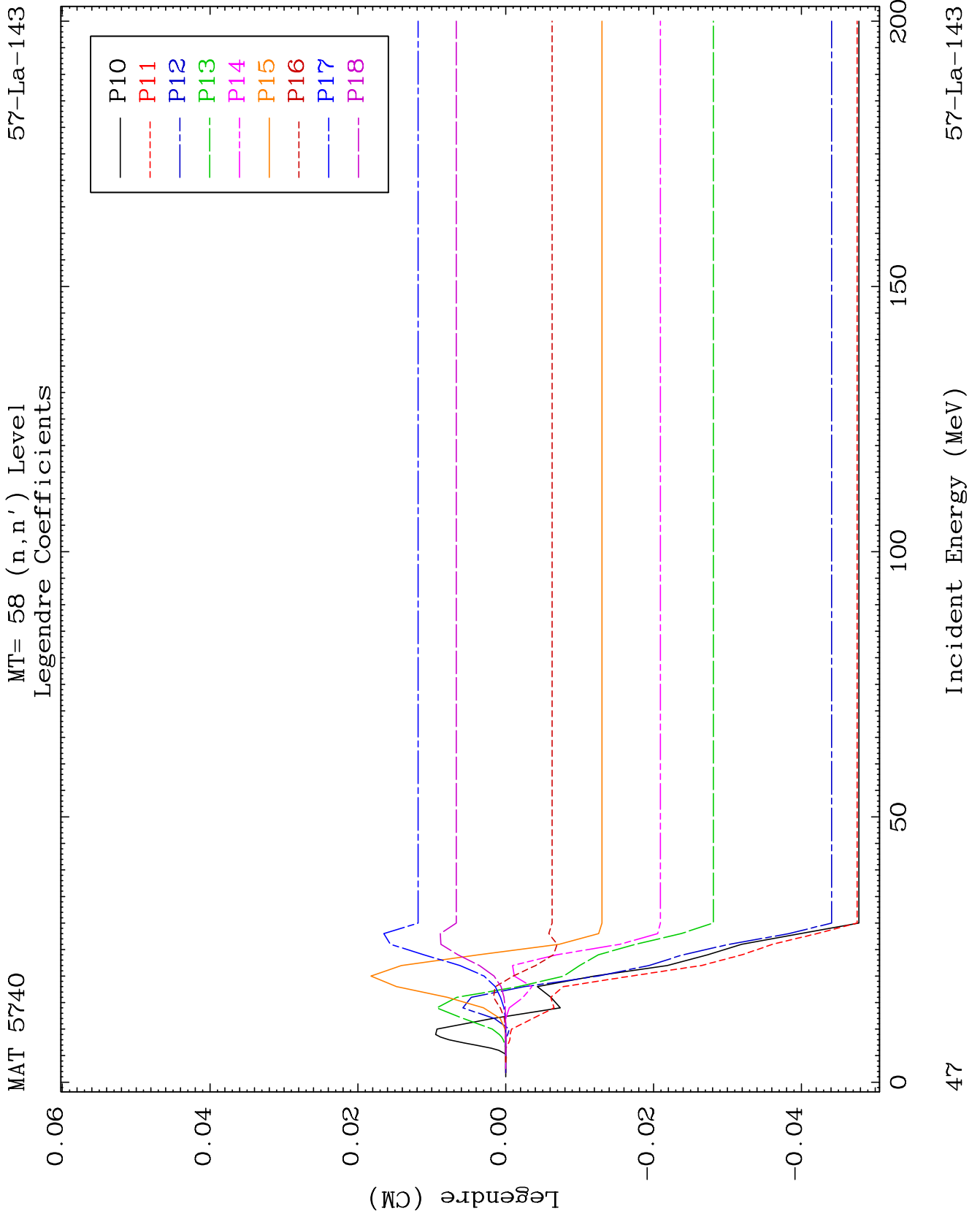
57-La-143



57-La-143

Incident Energy (MeV)

46

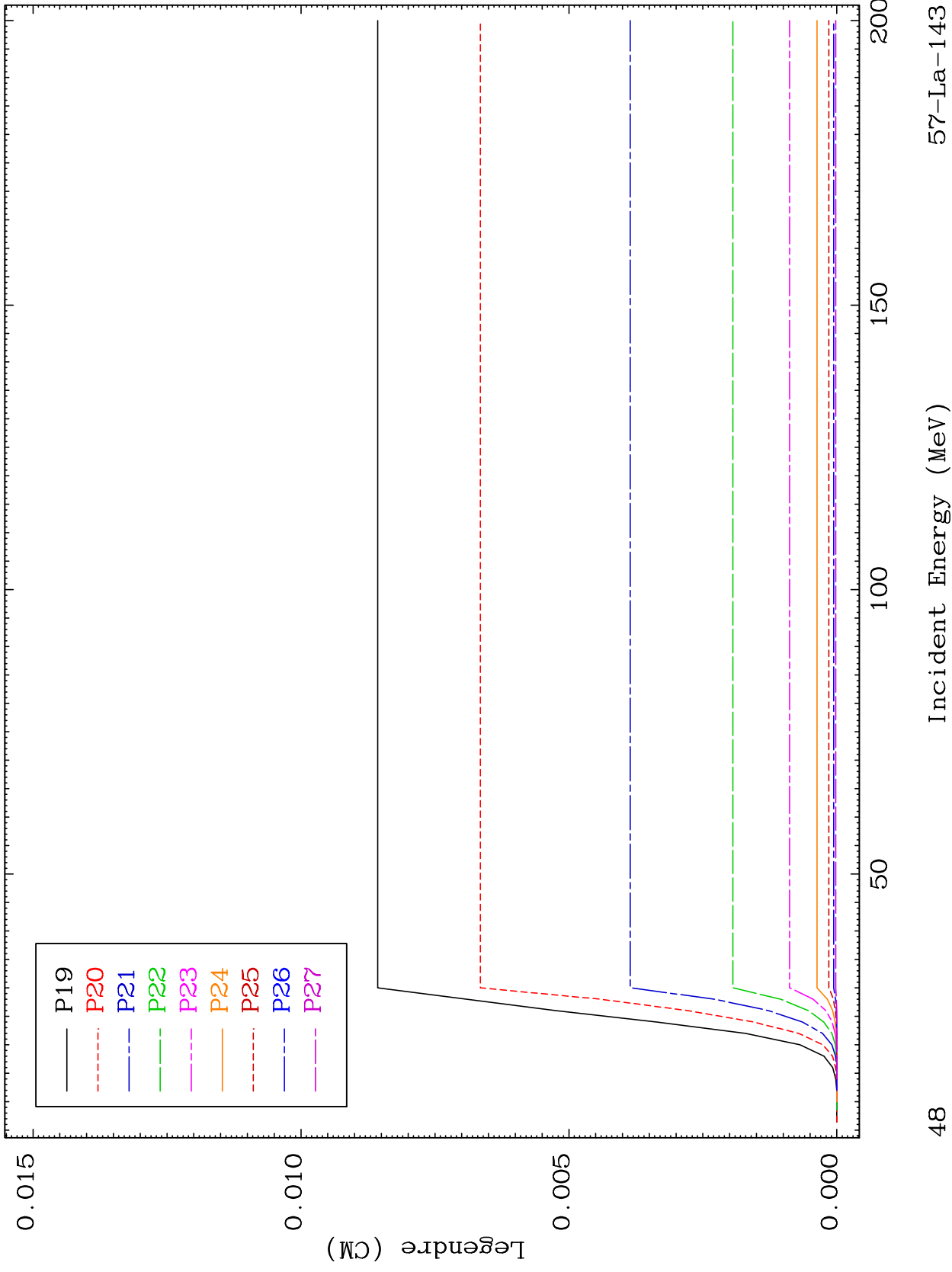




MAT 5740

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

57-La-143



48

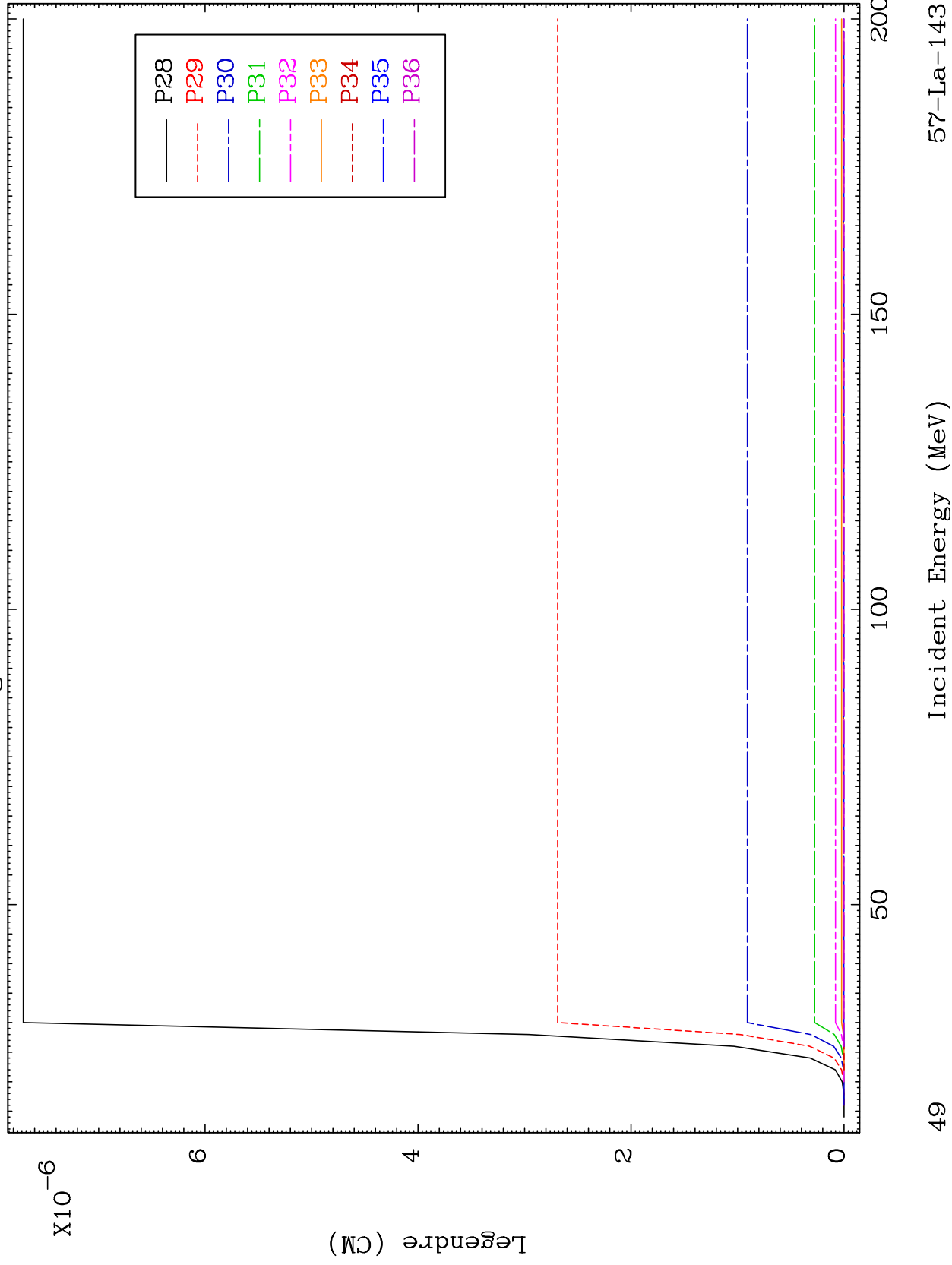
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



49

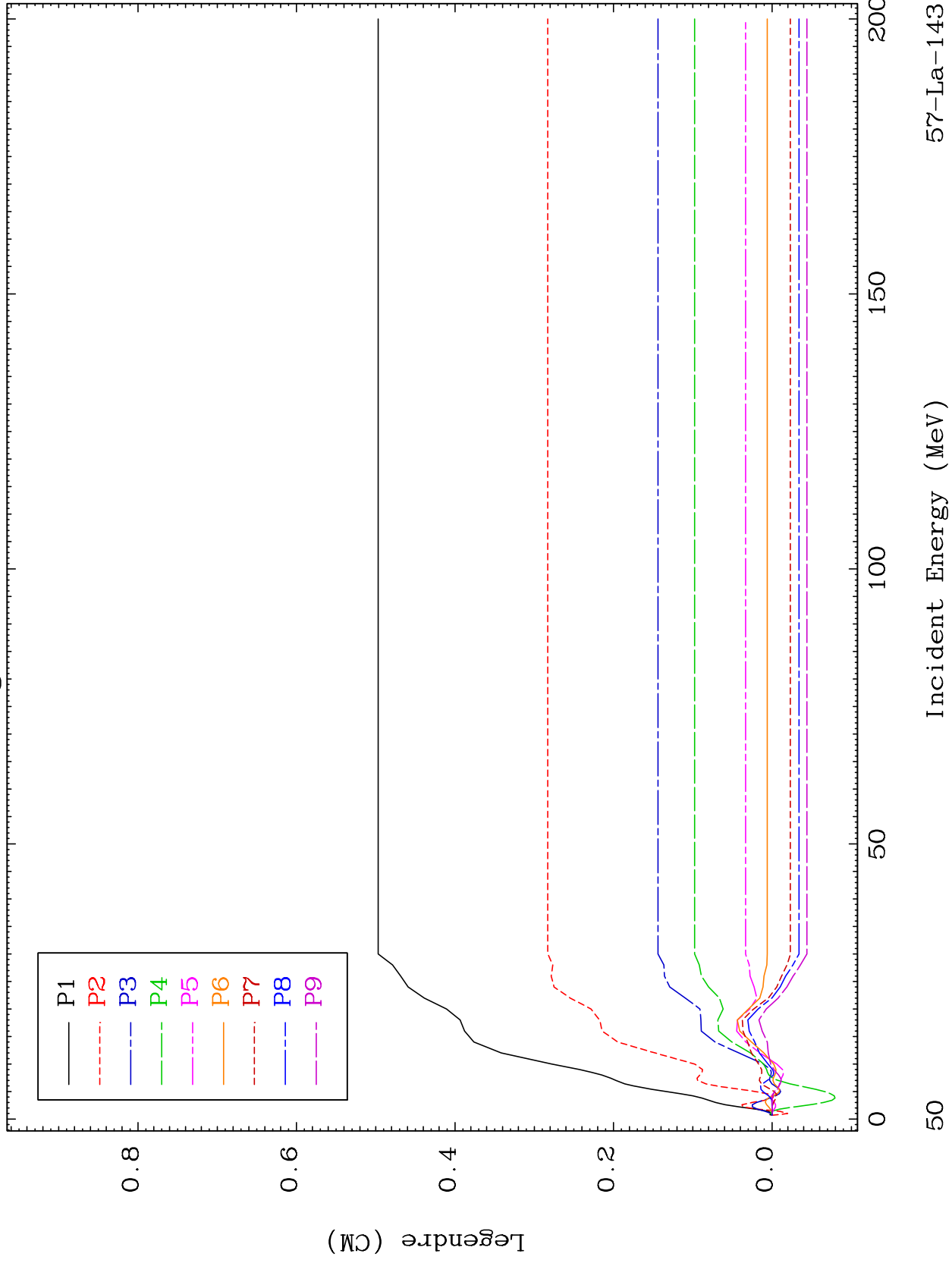
Incident Energy (MeV)

57-La-143

MAT 5740

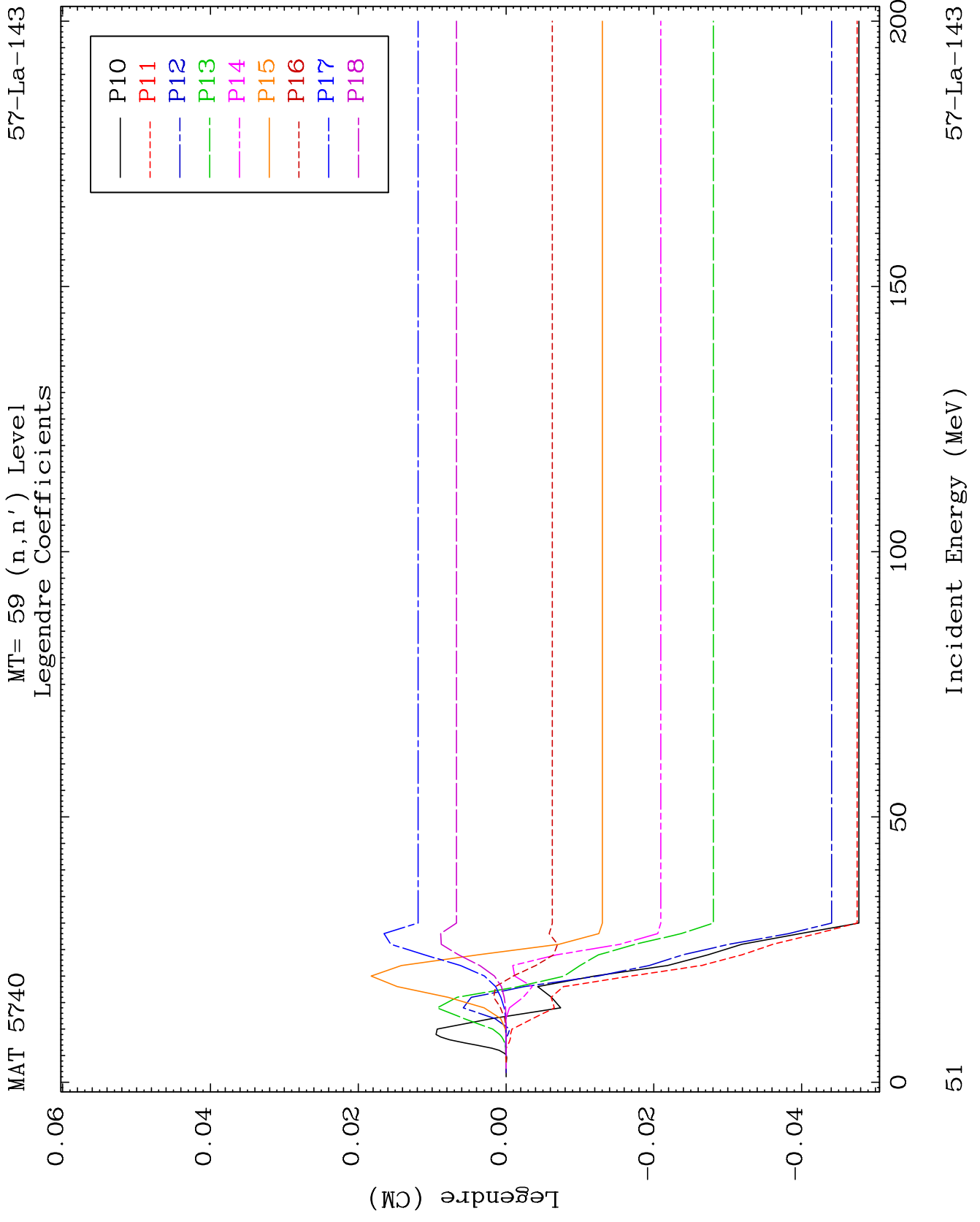
MT= 59 (n,n') Level  
Legendre Coefficients

57-La-143



57-La-143

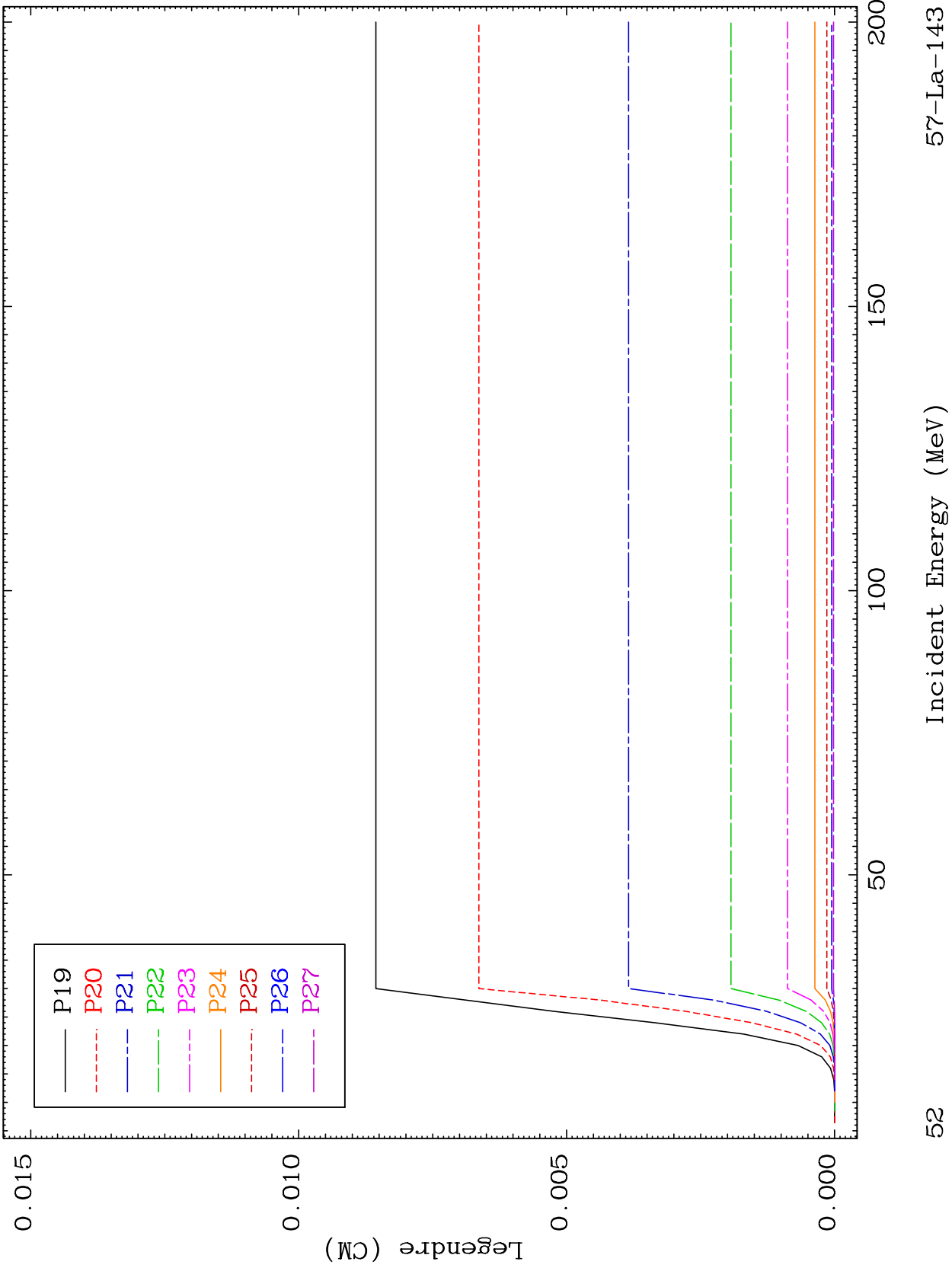
Incident Energy (MeV)



MAT 5740

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

57-La-143



52

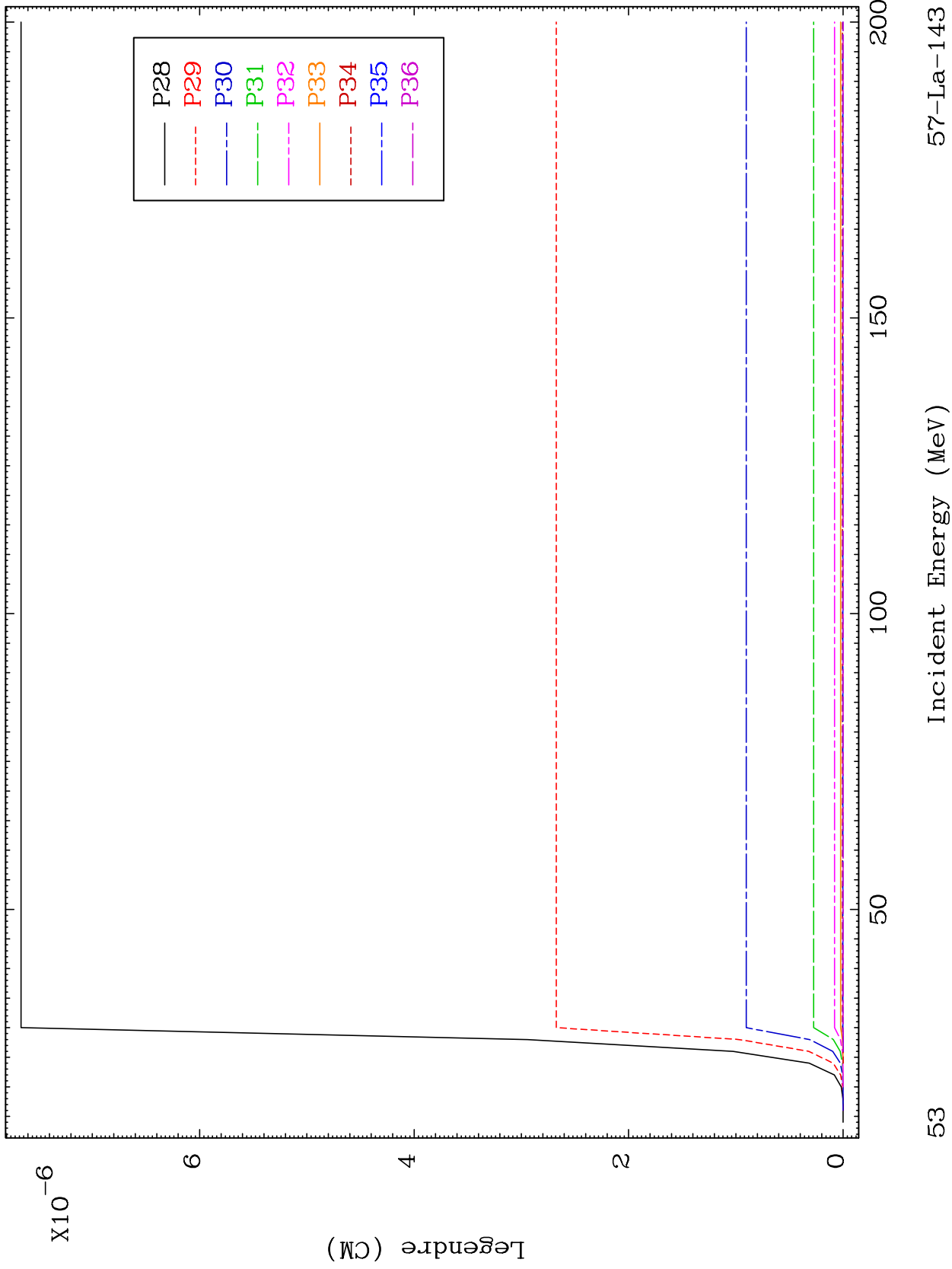
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



53

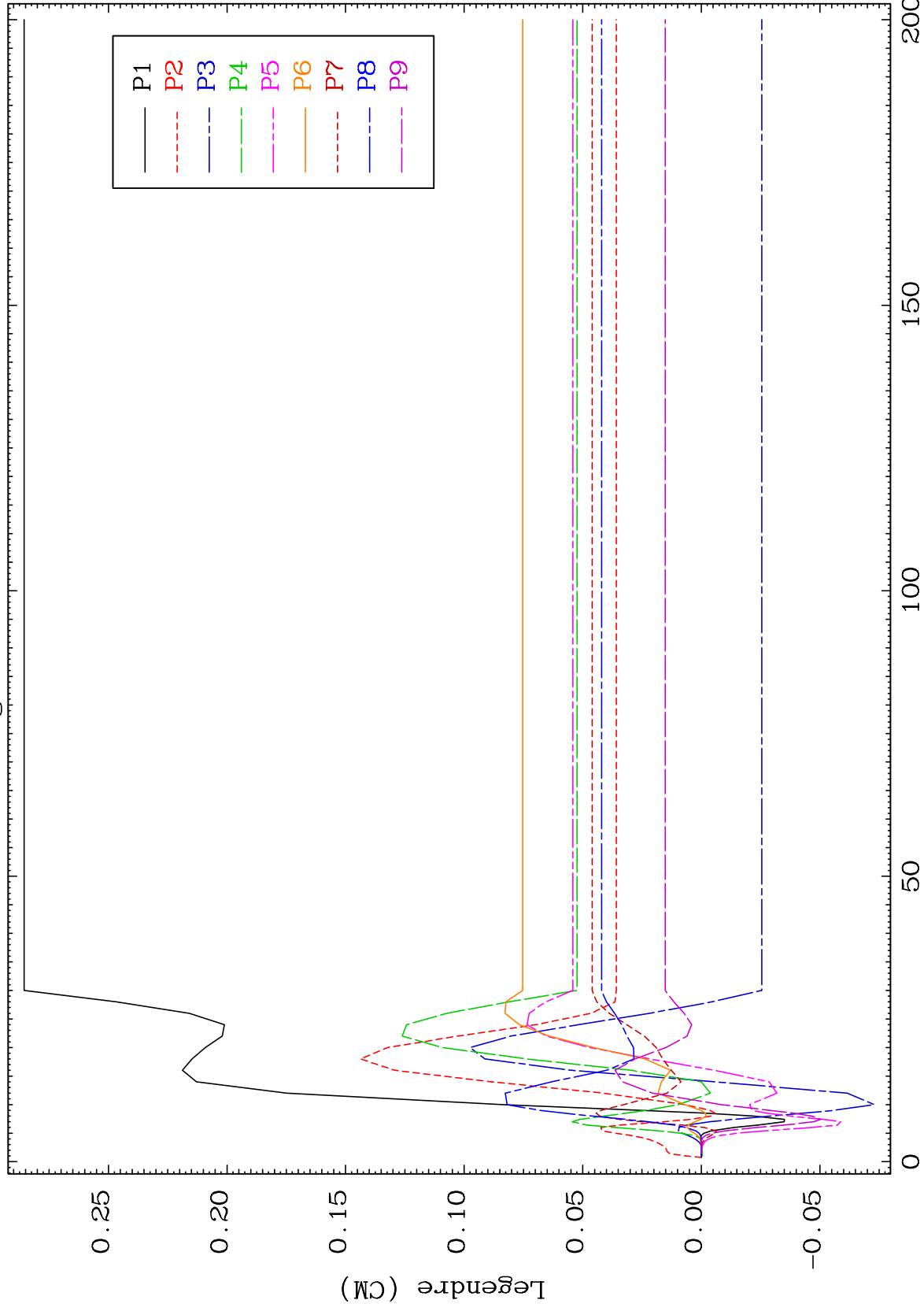
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

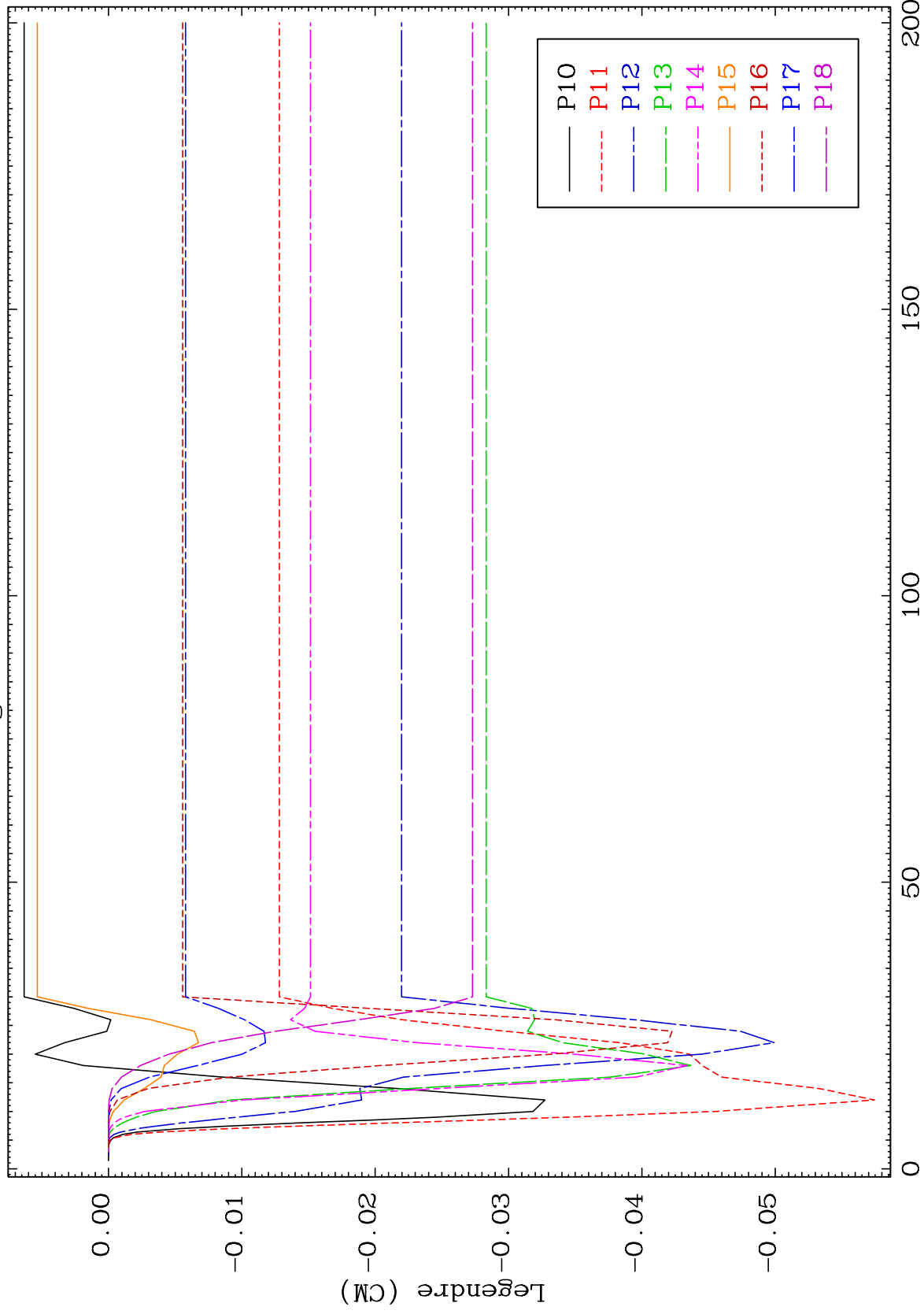
Incident Energy (MeV)

54

MAT 5740

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

57-La-143

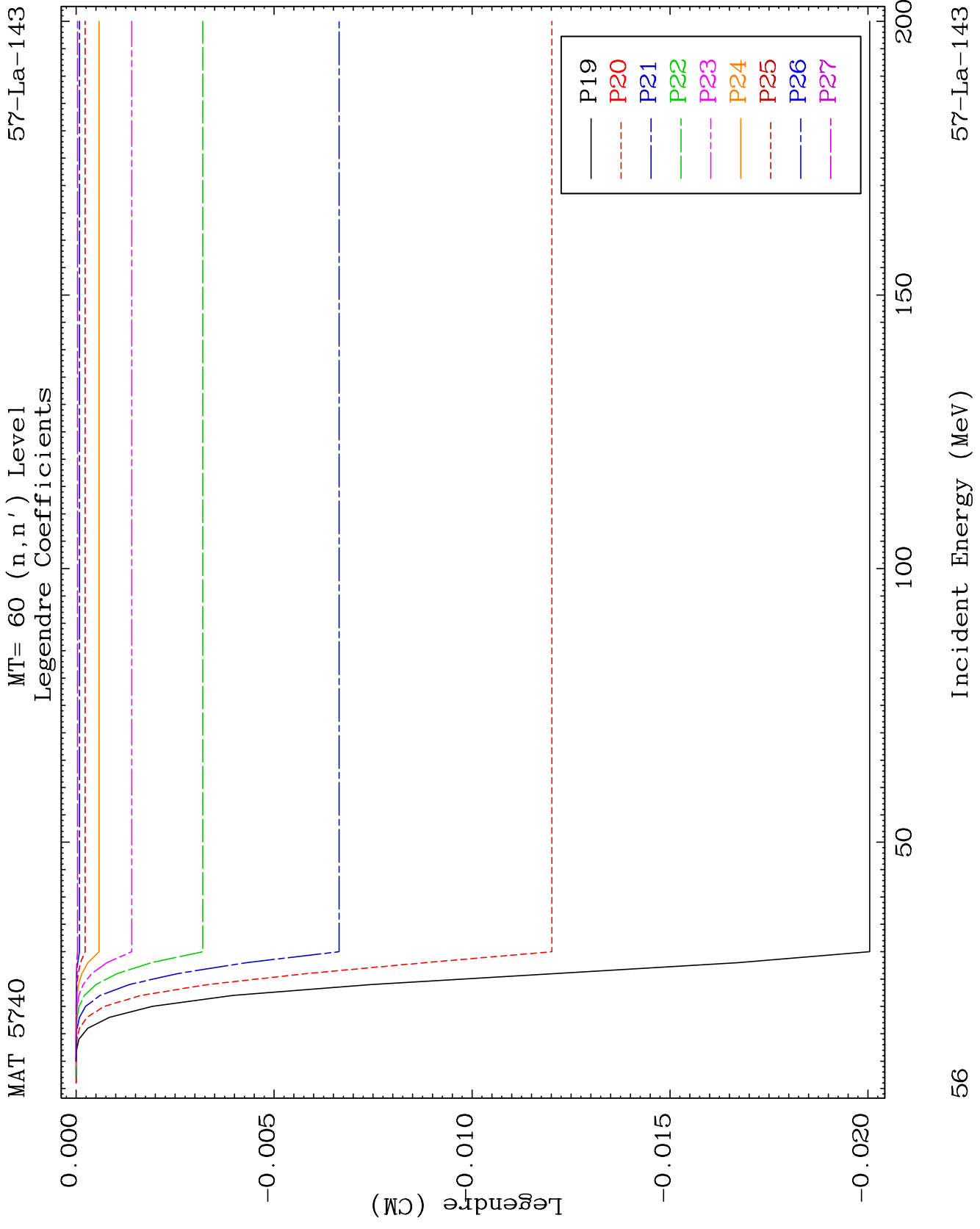


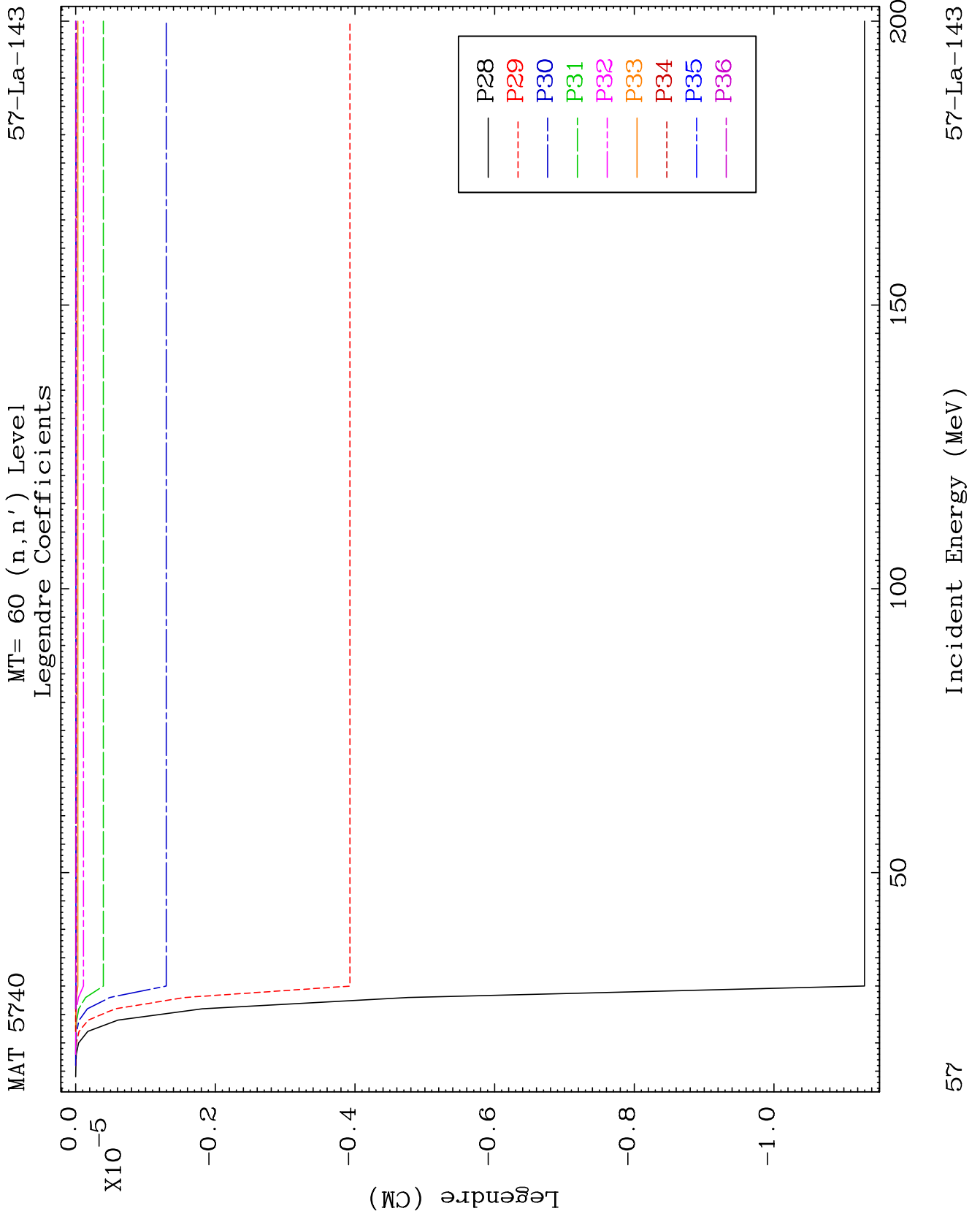
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Incident Energy (MeV)

57-La-143



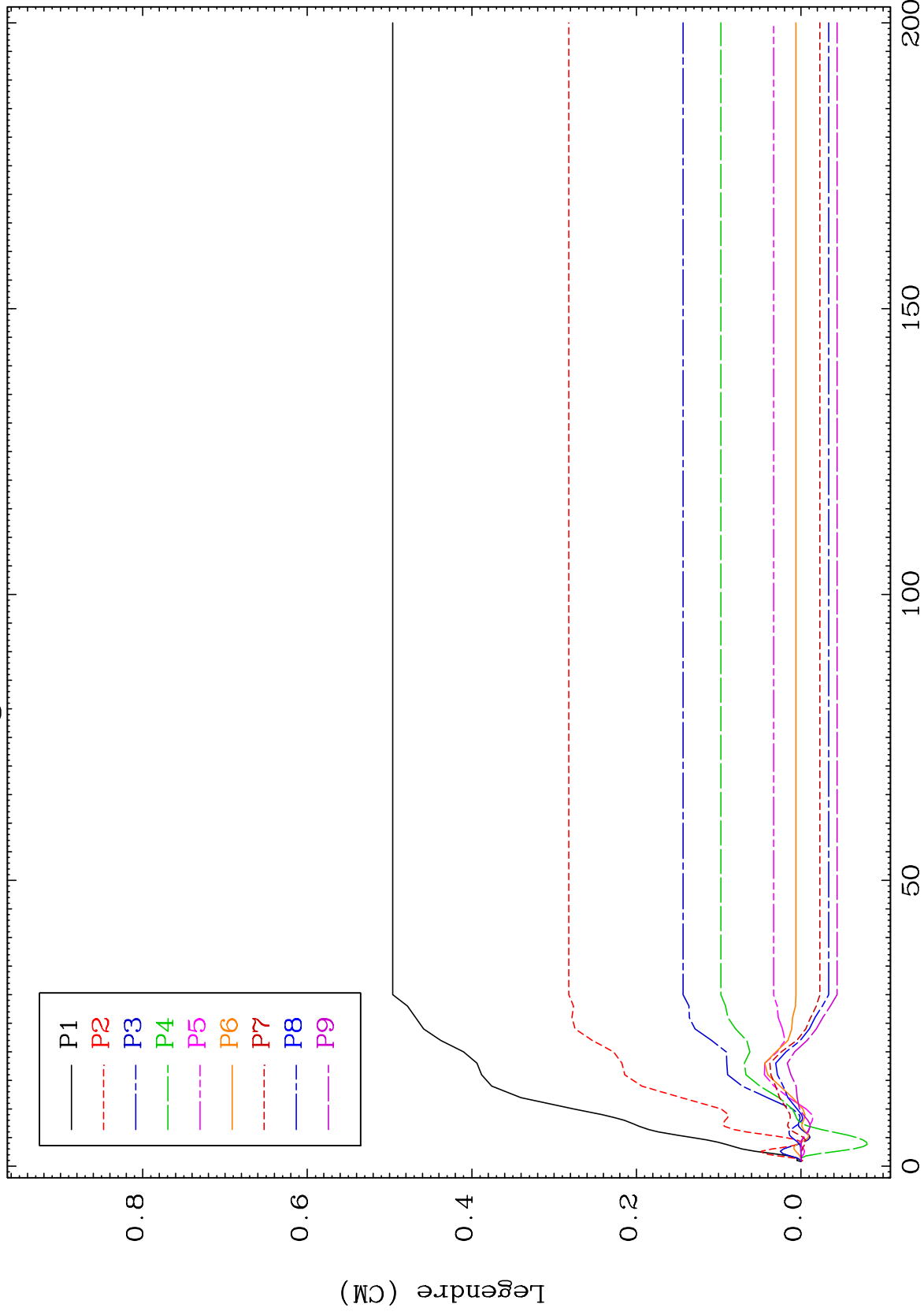




MAT 5740

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

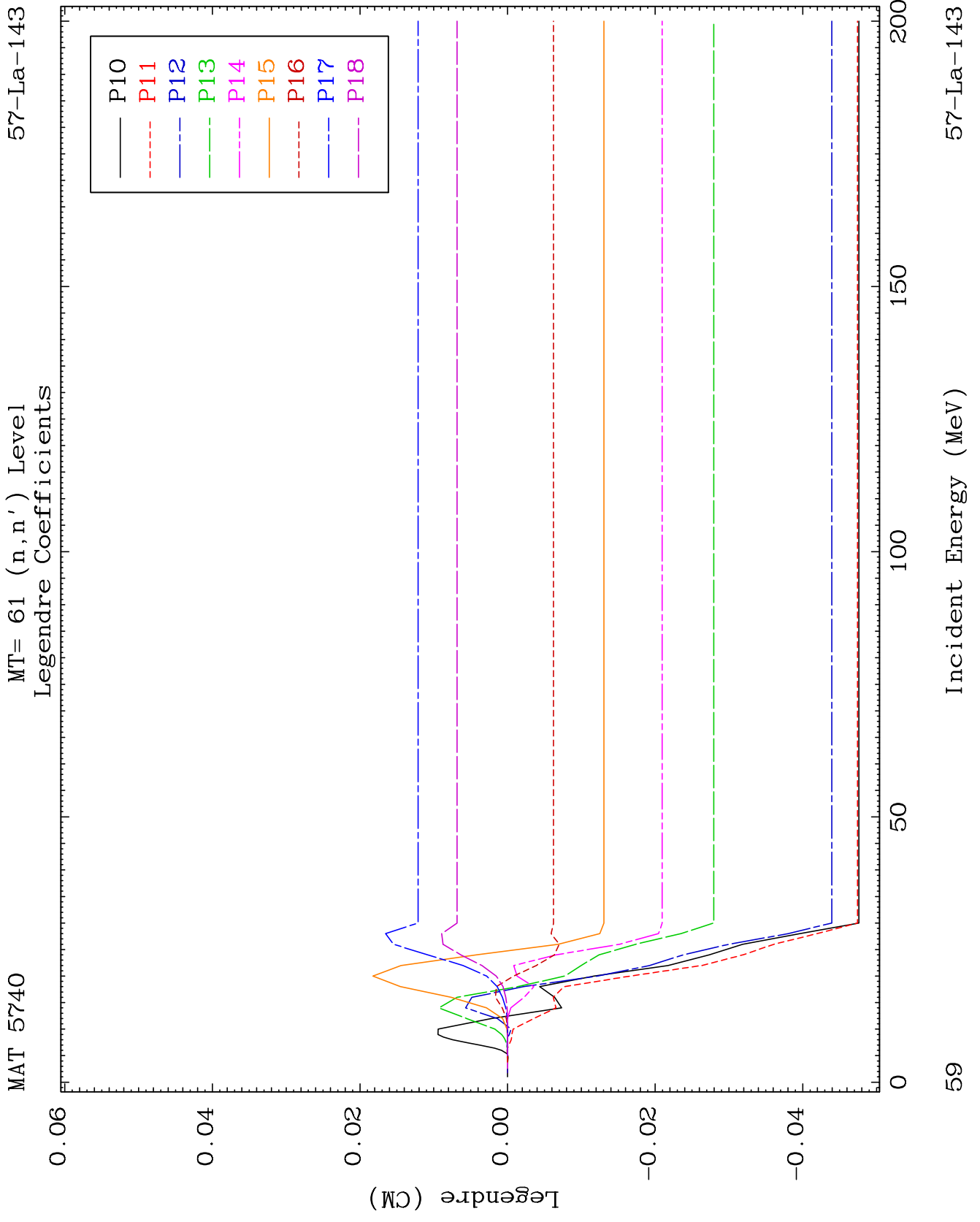
57-La-143



58

Incident Energy (MeV)

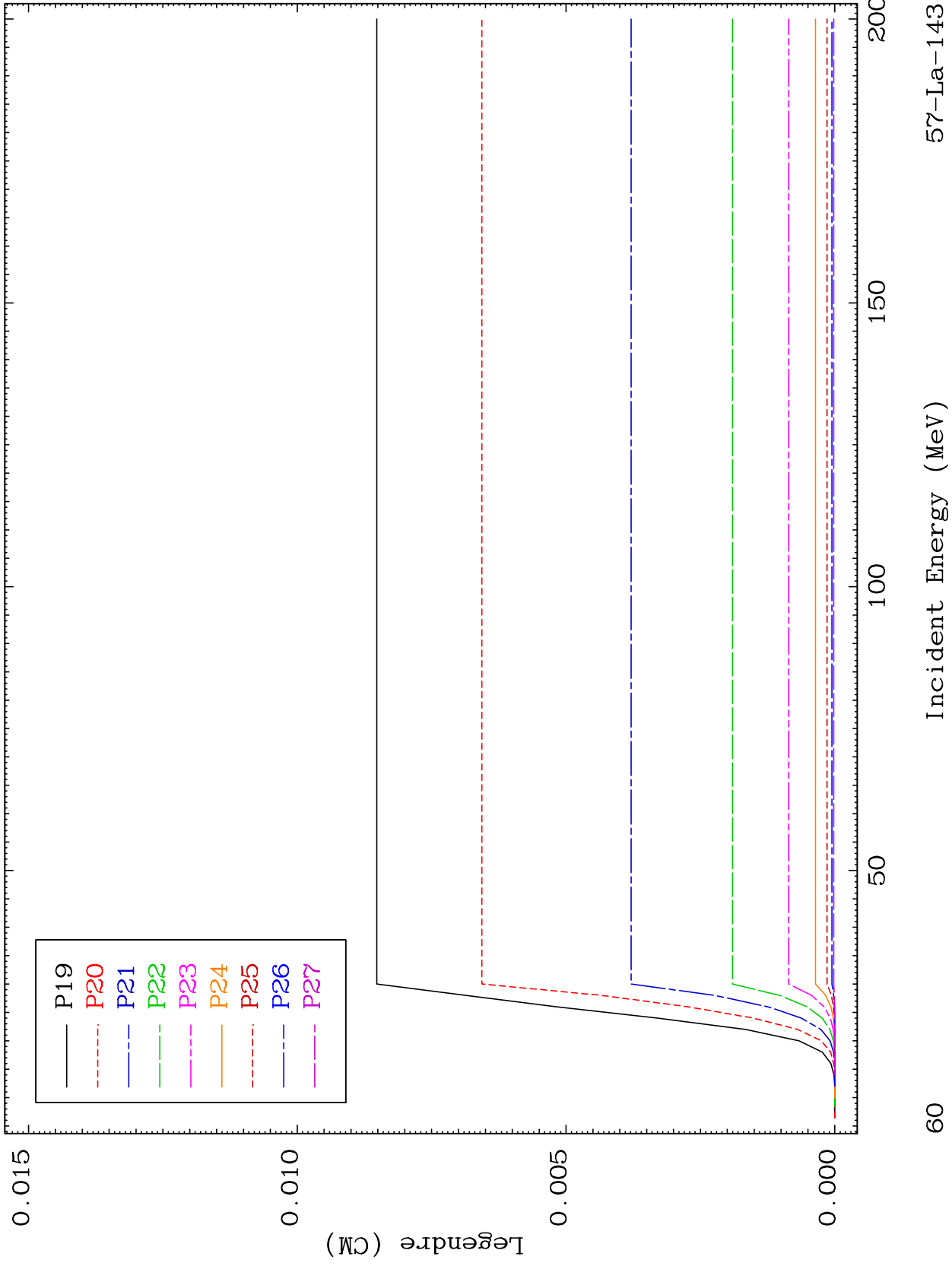
57-La-143



MAT 5740

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

57-La-143



57-La-143

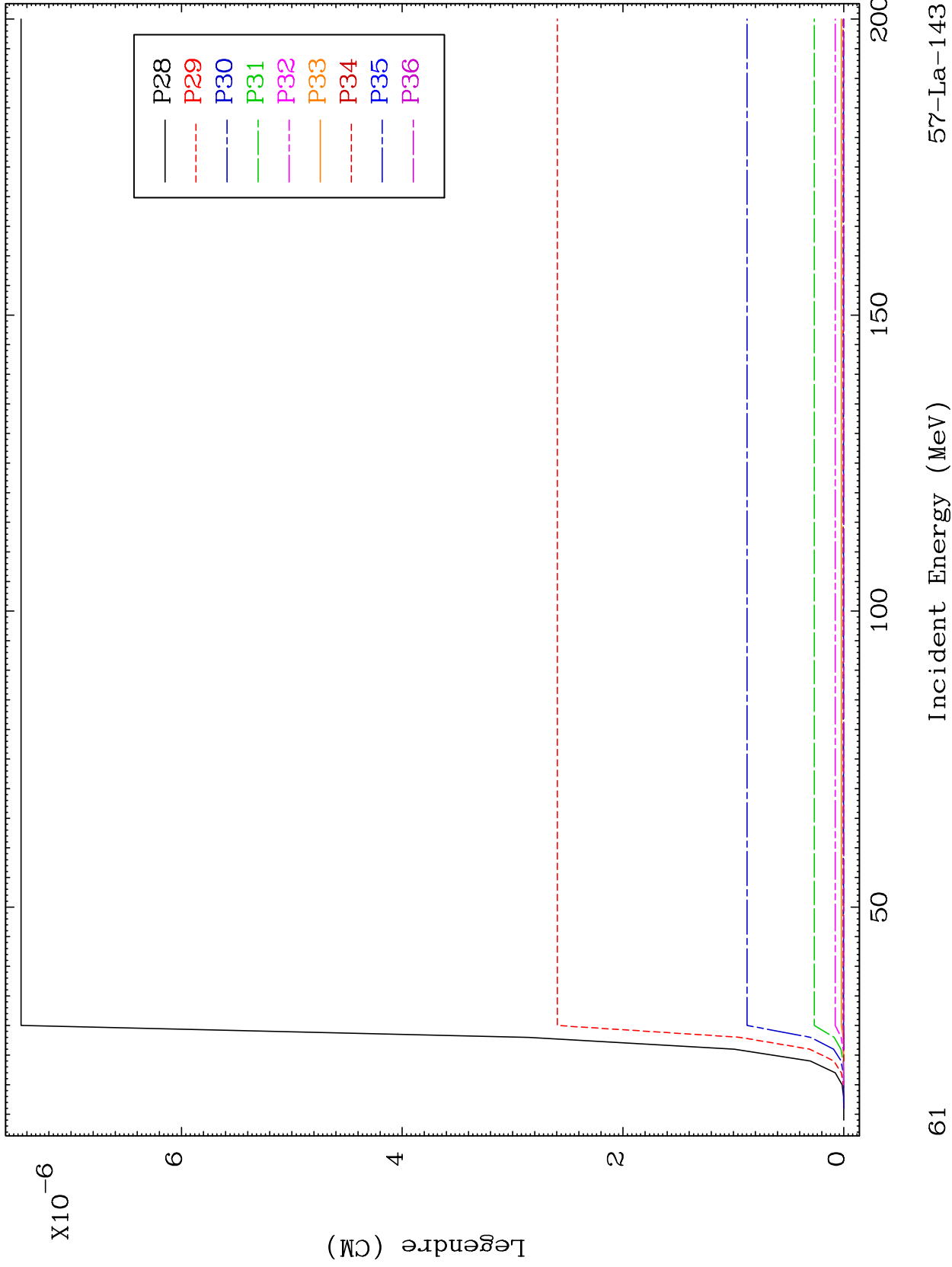
Incident Energy (MeV)

60

MAT 5740

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

57-La-143



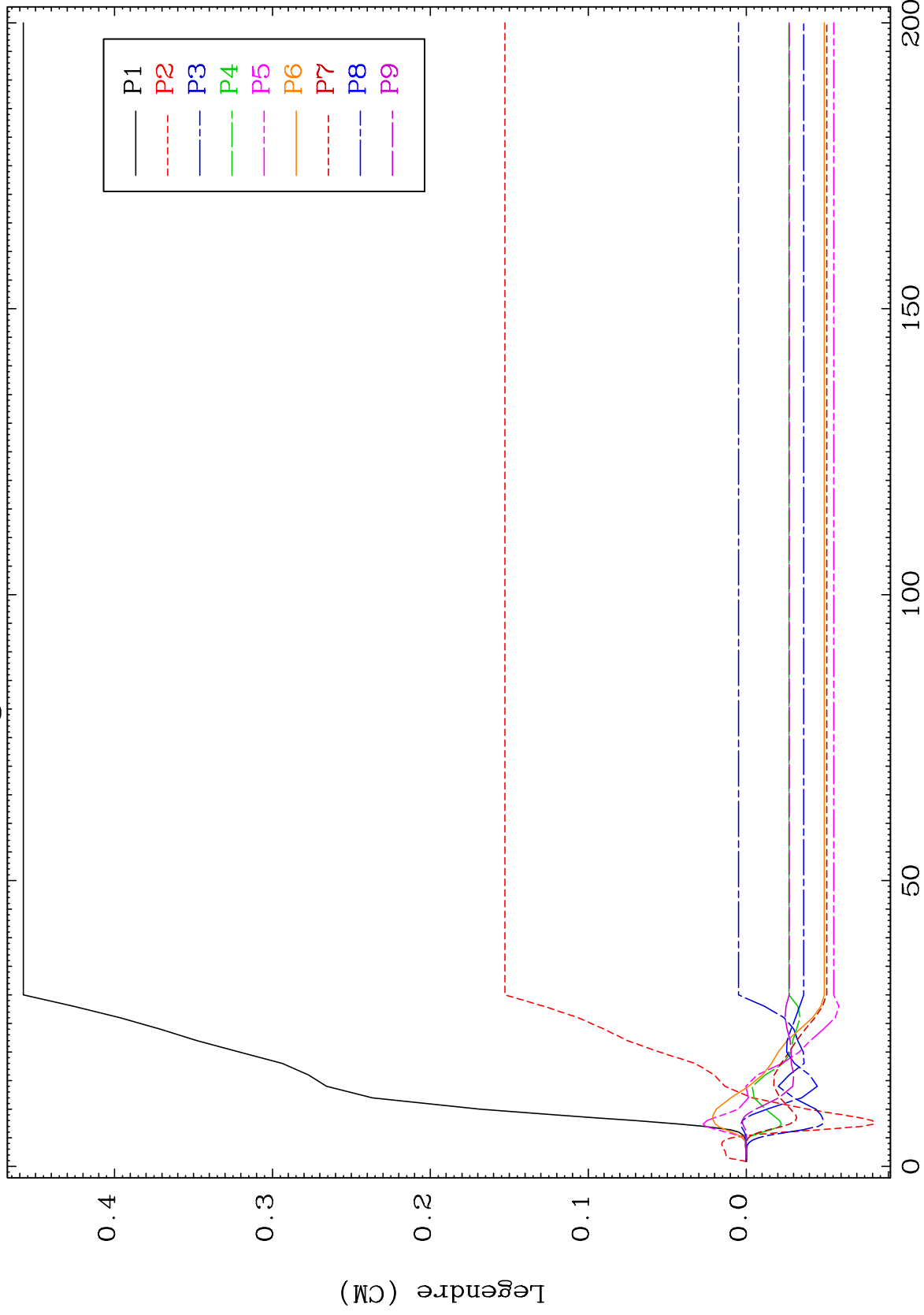
61

57-La-143

MAT 5740

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

57-La-143



57-La-143

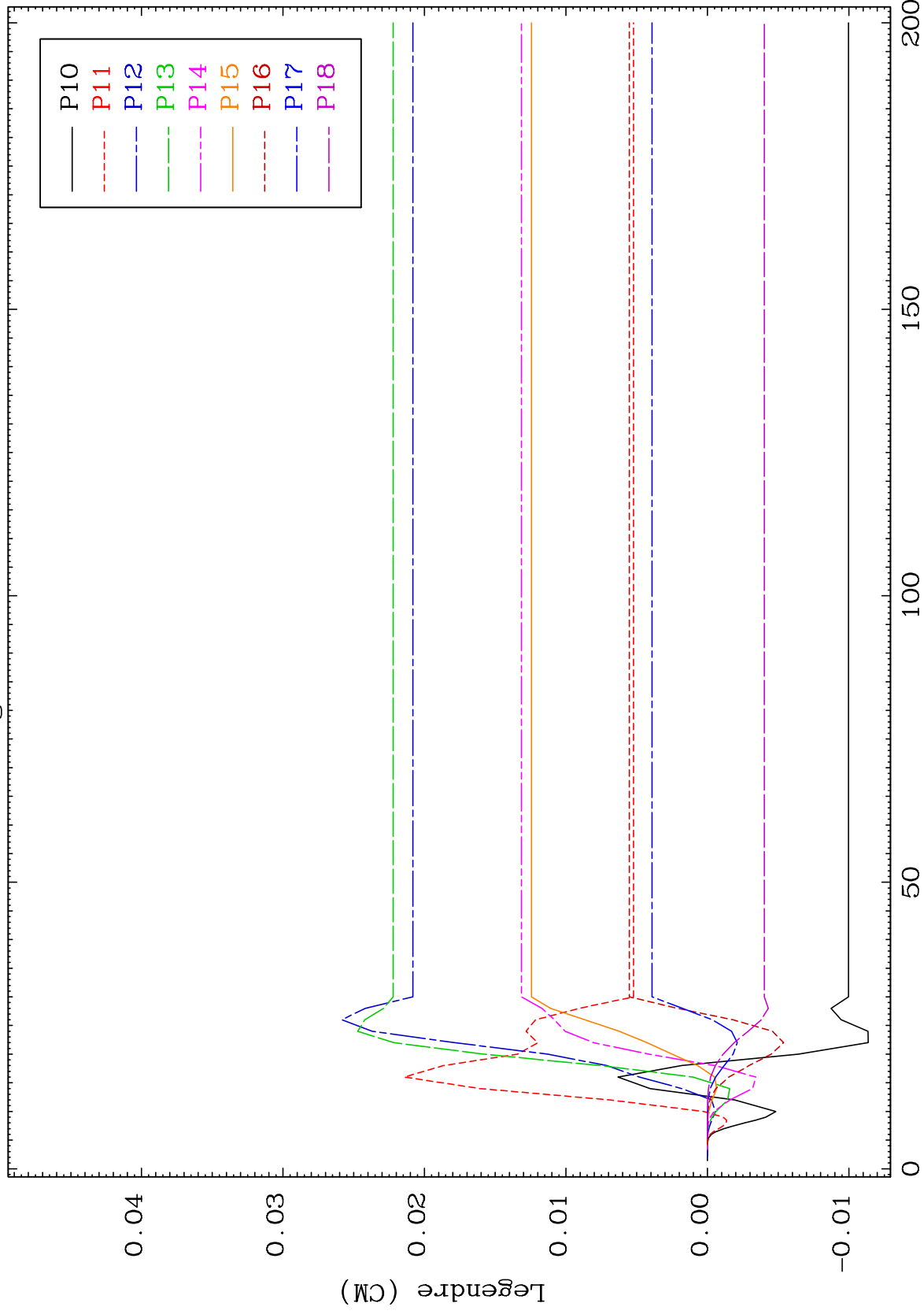
Incident Energy (MeV)

62

MAT 5740

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

57-La-143



63

Incident Energy (MeV)

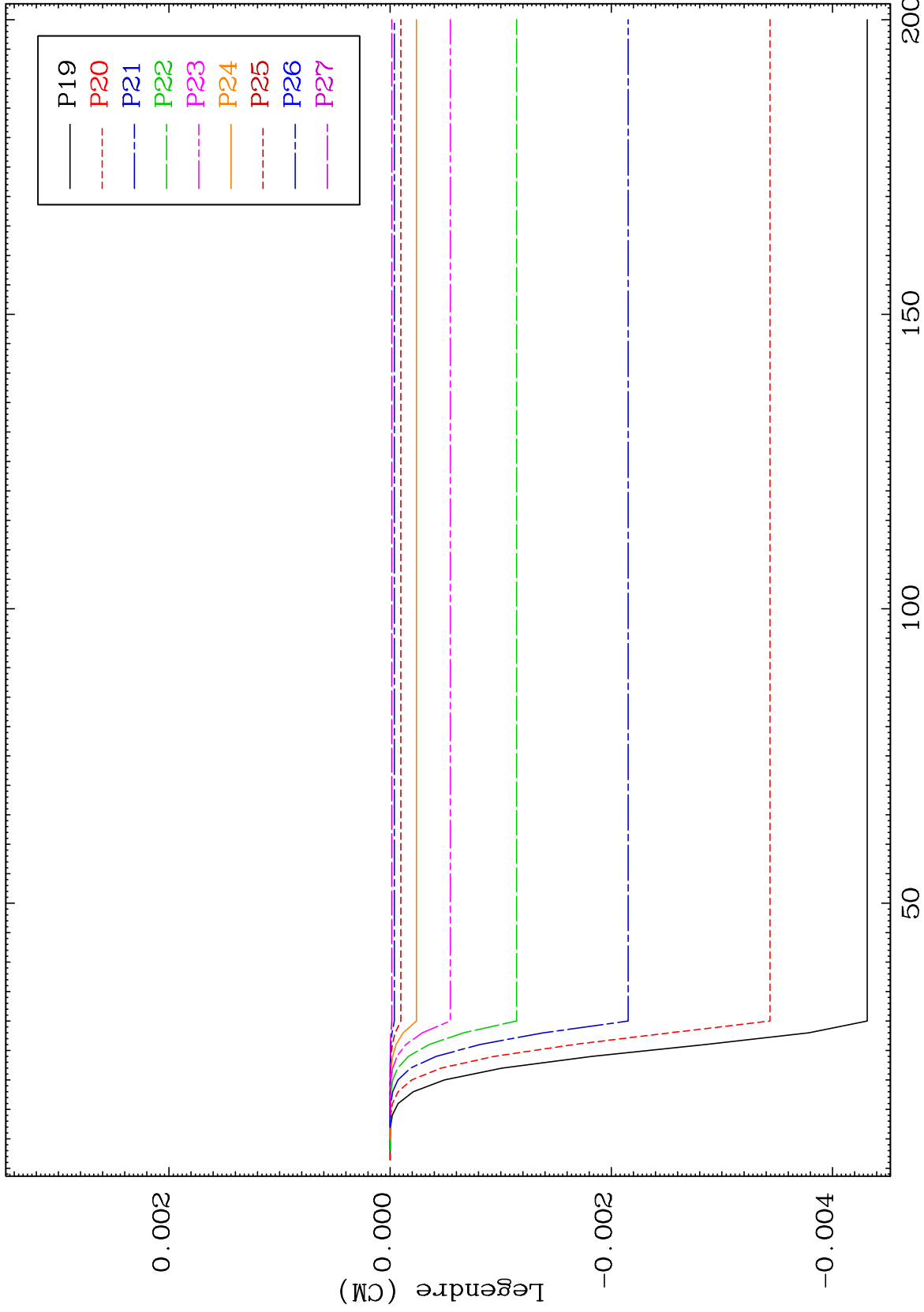
57-La-143



MAT 5740

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

57-La-143



64

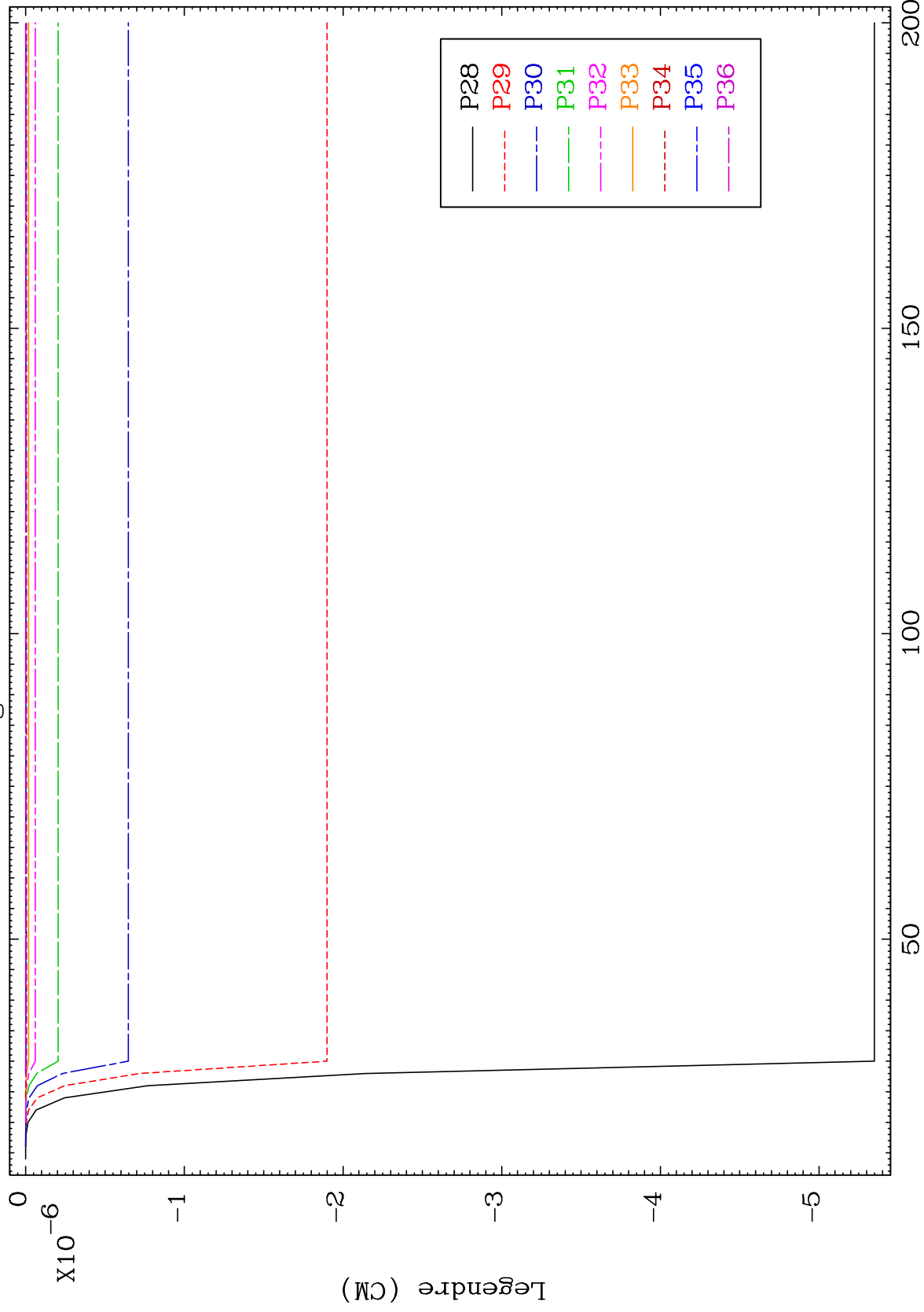
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



65

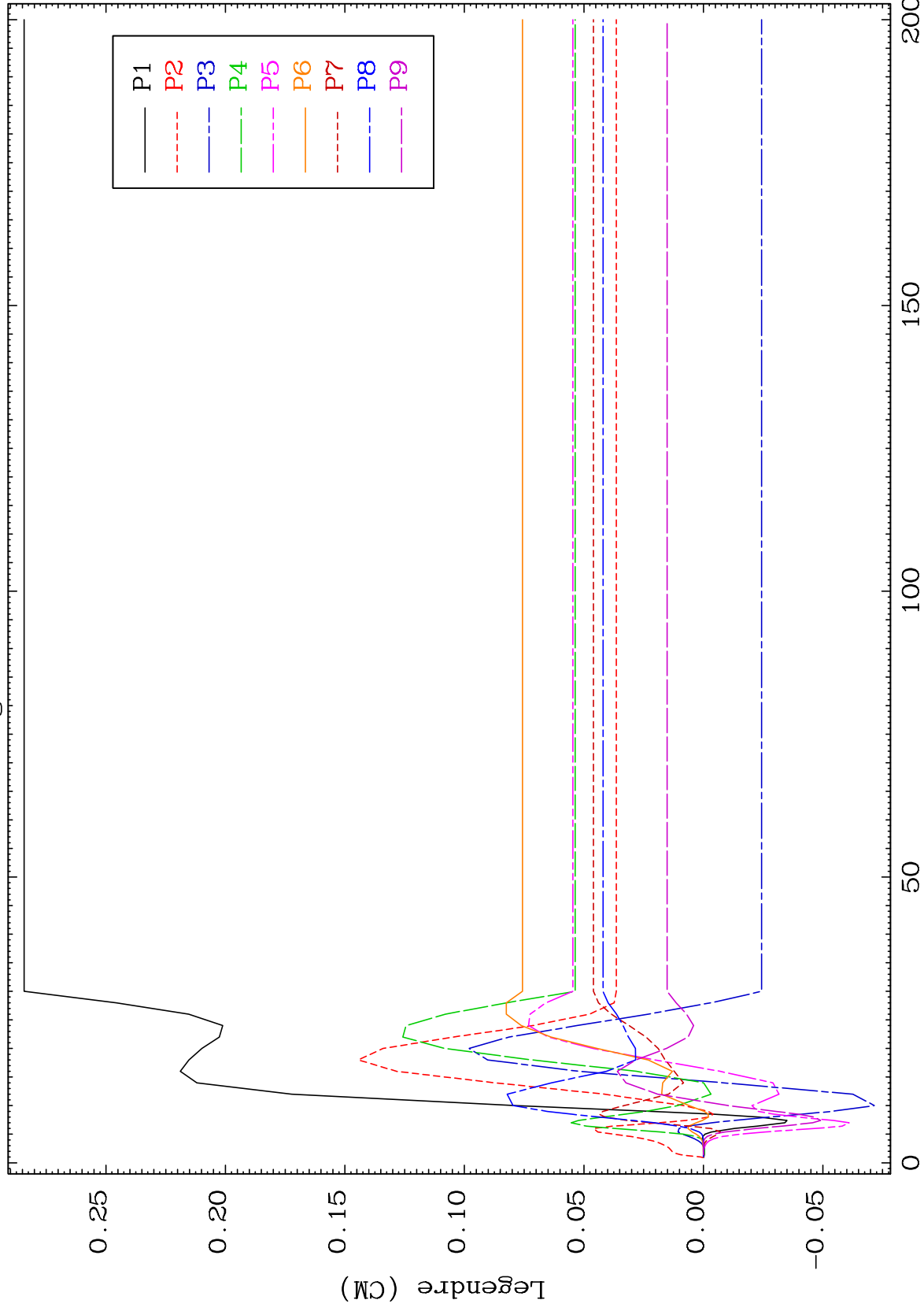
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



66

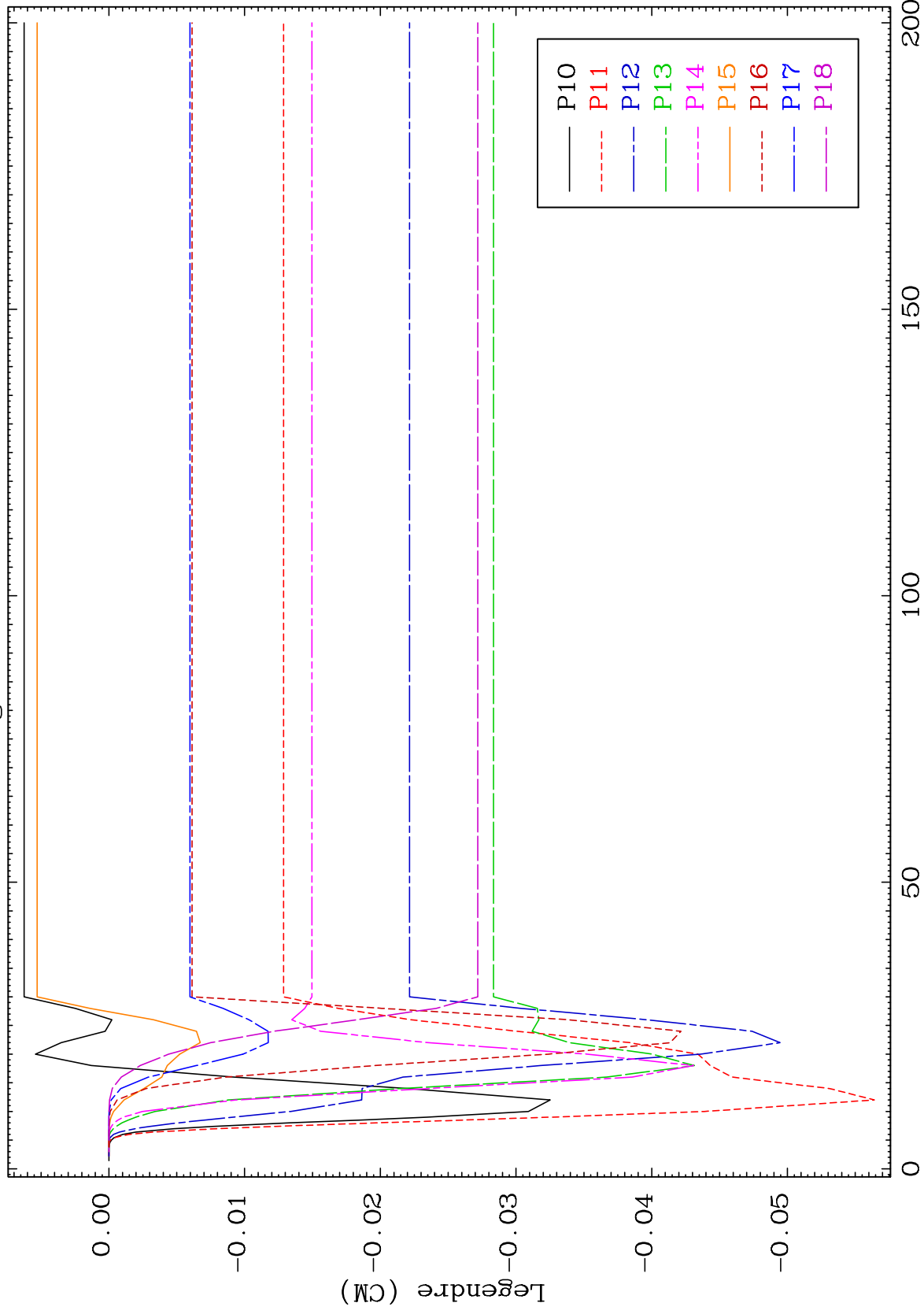
Incident Energy (MeV)

57-La-143

MAT 5740

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

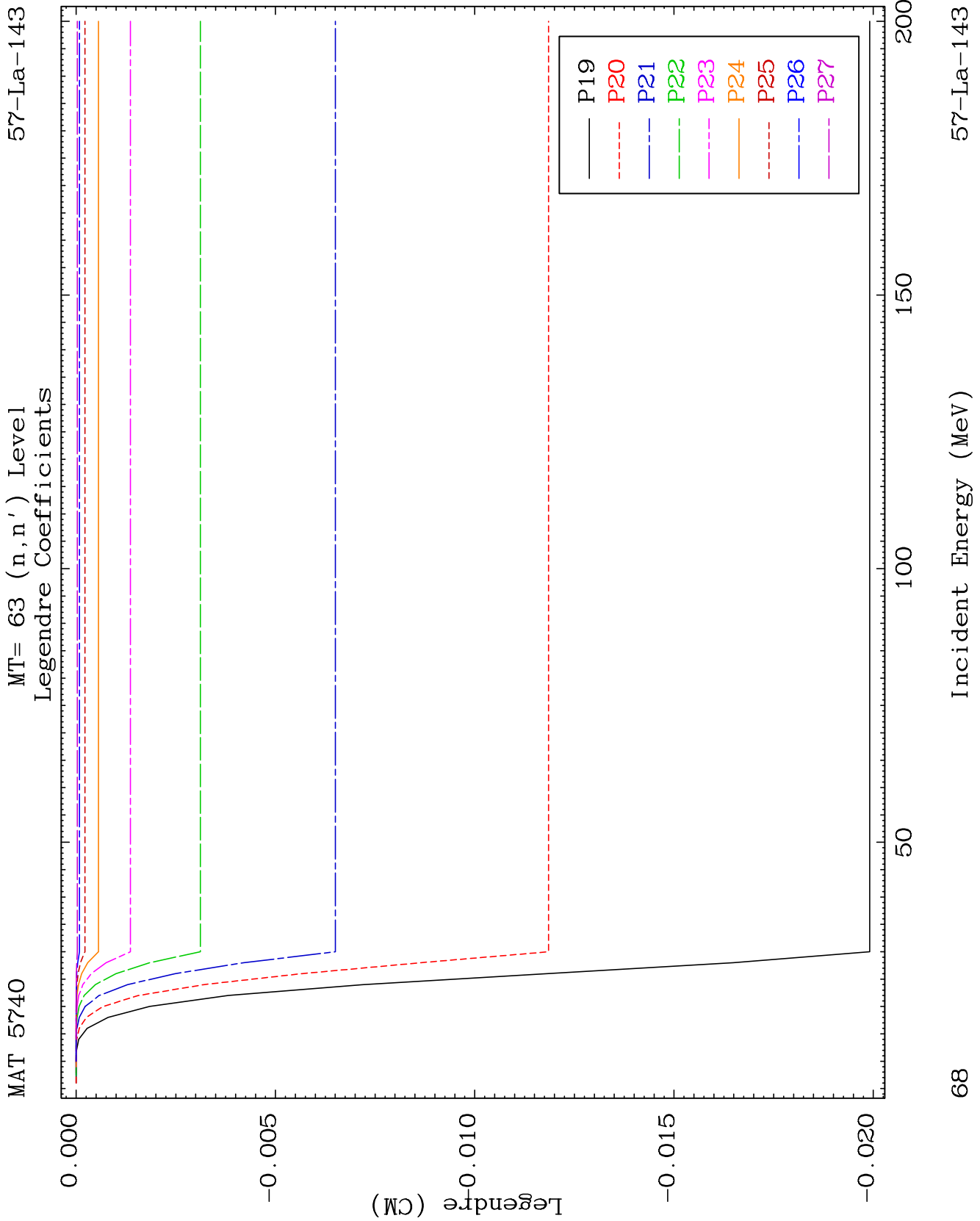
57-La-143

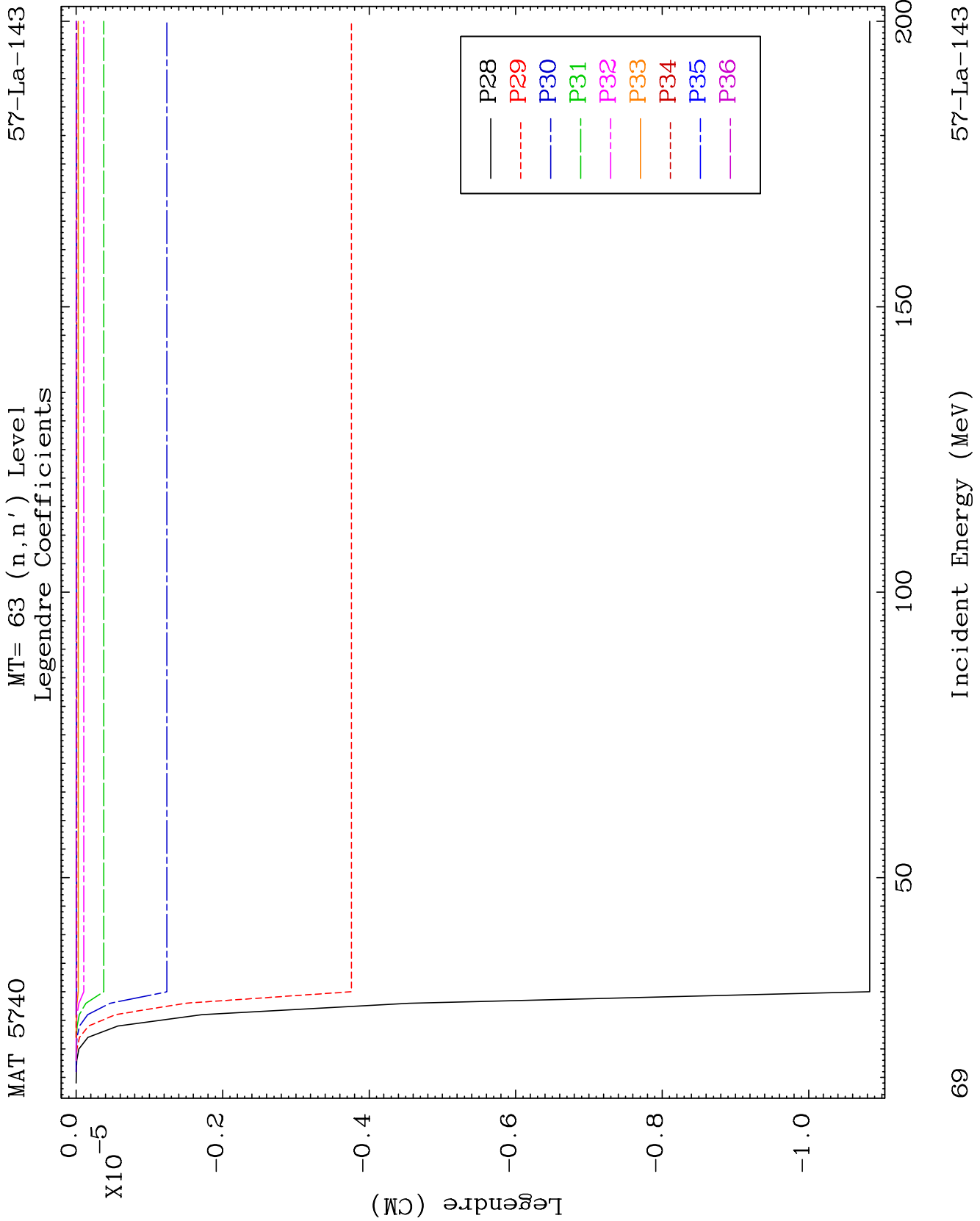


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Incident Energy (MeV)

57-La-143

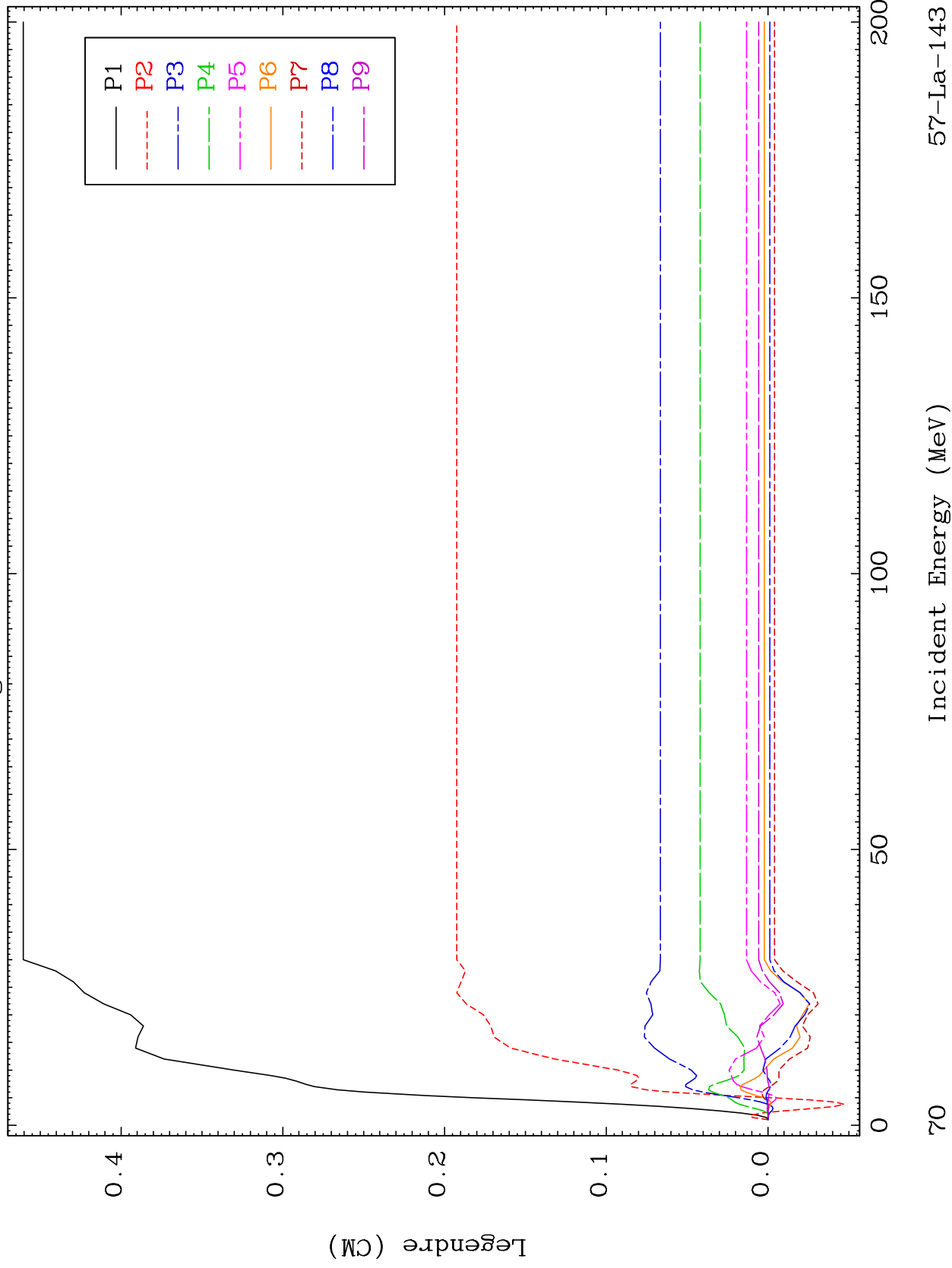




MAT 5740

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

57-La-143



57-La-143

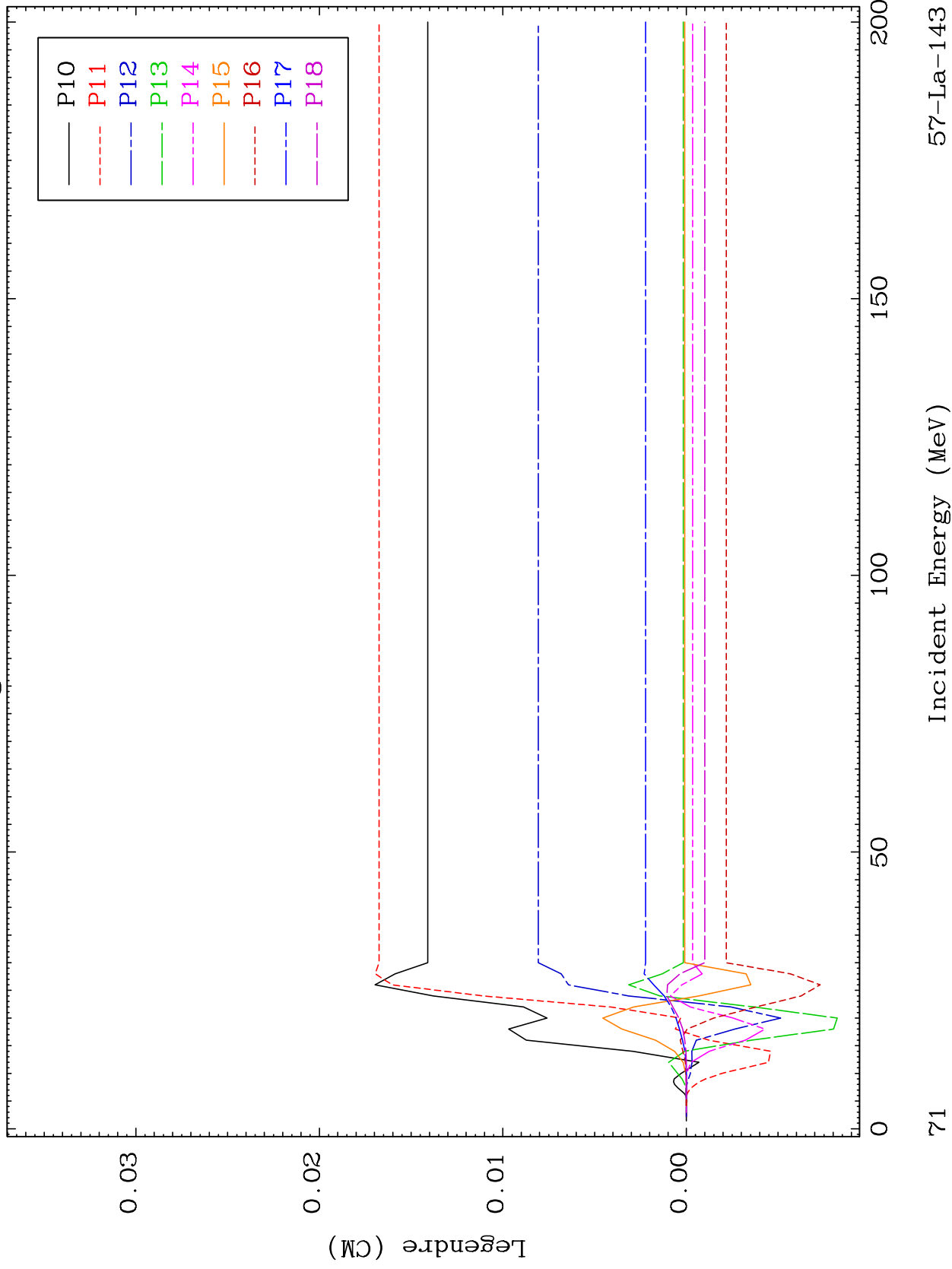
Incident Energy (MeV)

70

MAT 5740

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

57-La-143



57-La-143

Incident Energy (MeV)

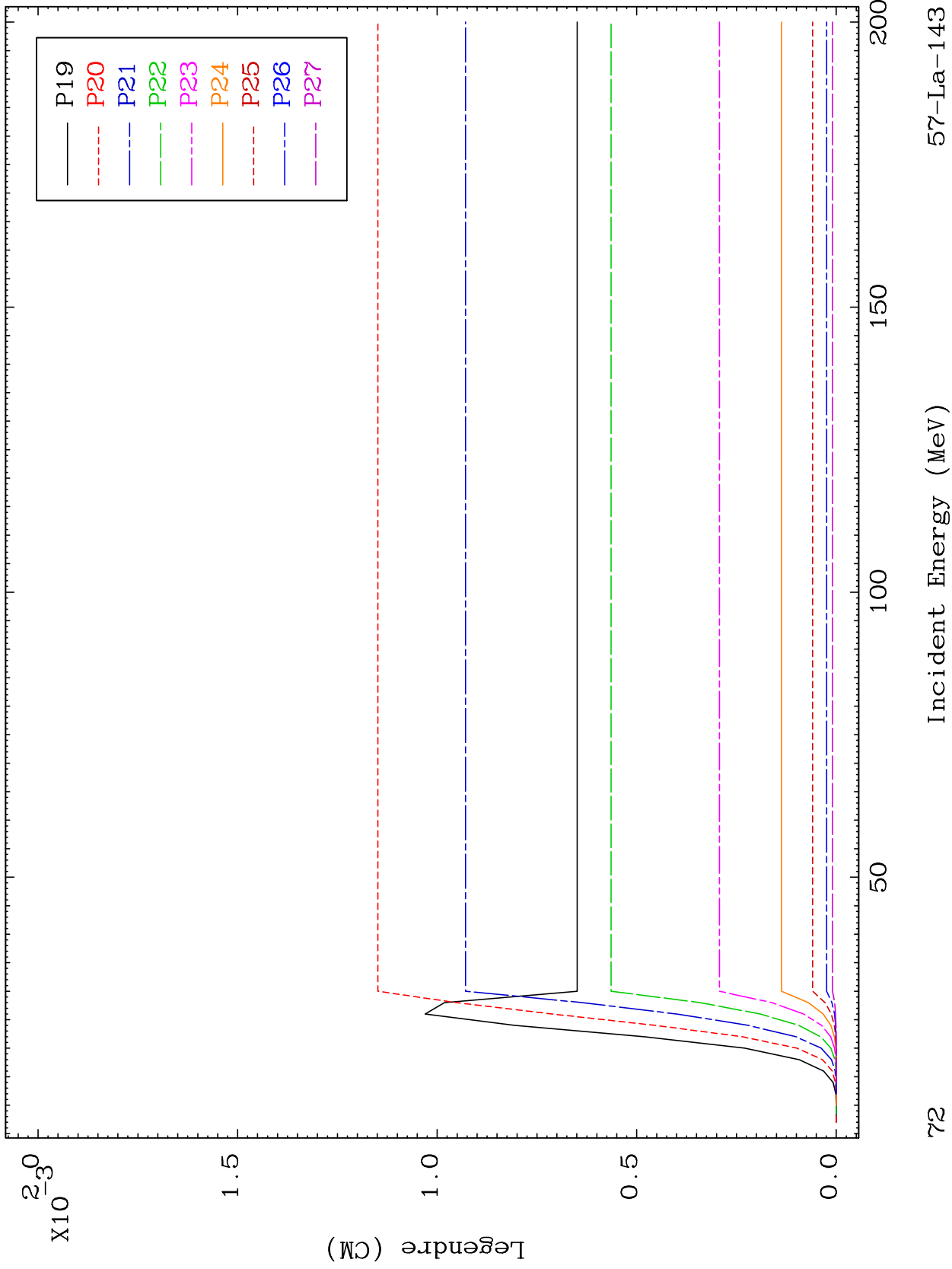
71



MAT 5740

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

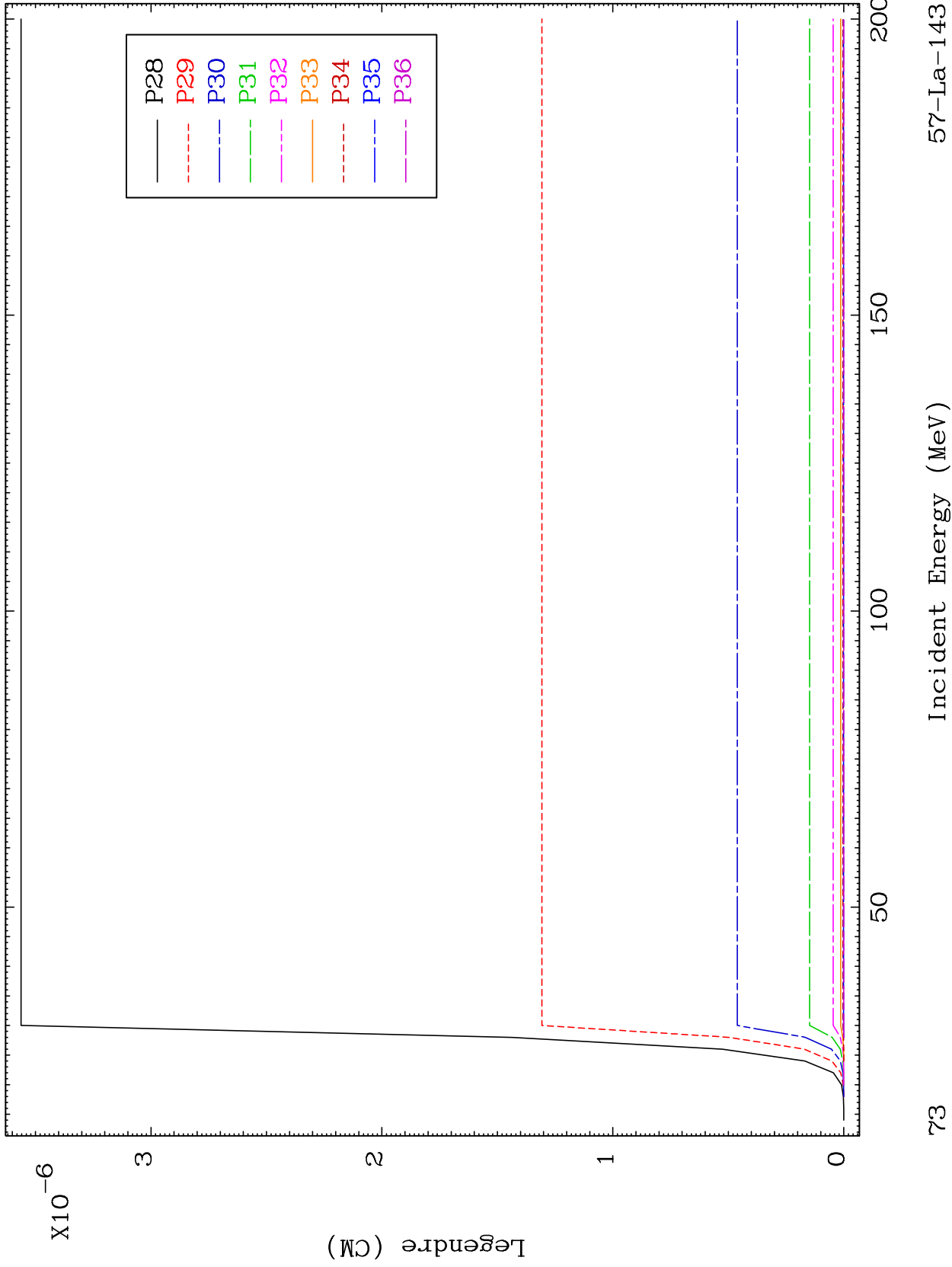
57-La-143



MAT 5740

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

57-La-143



73

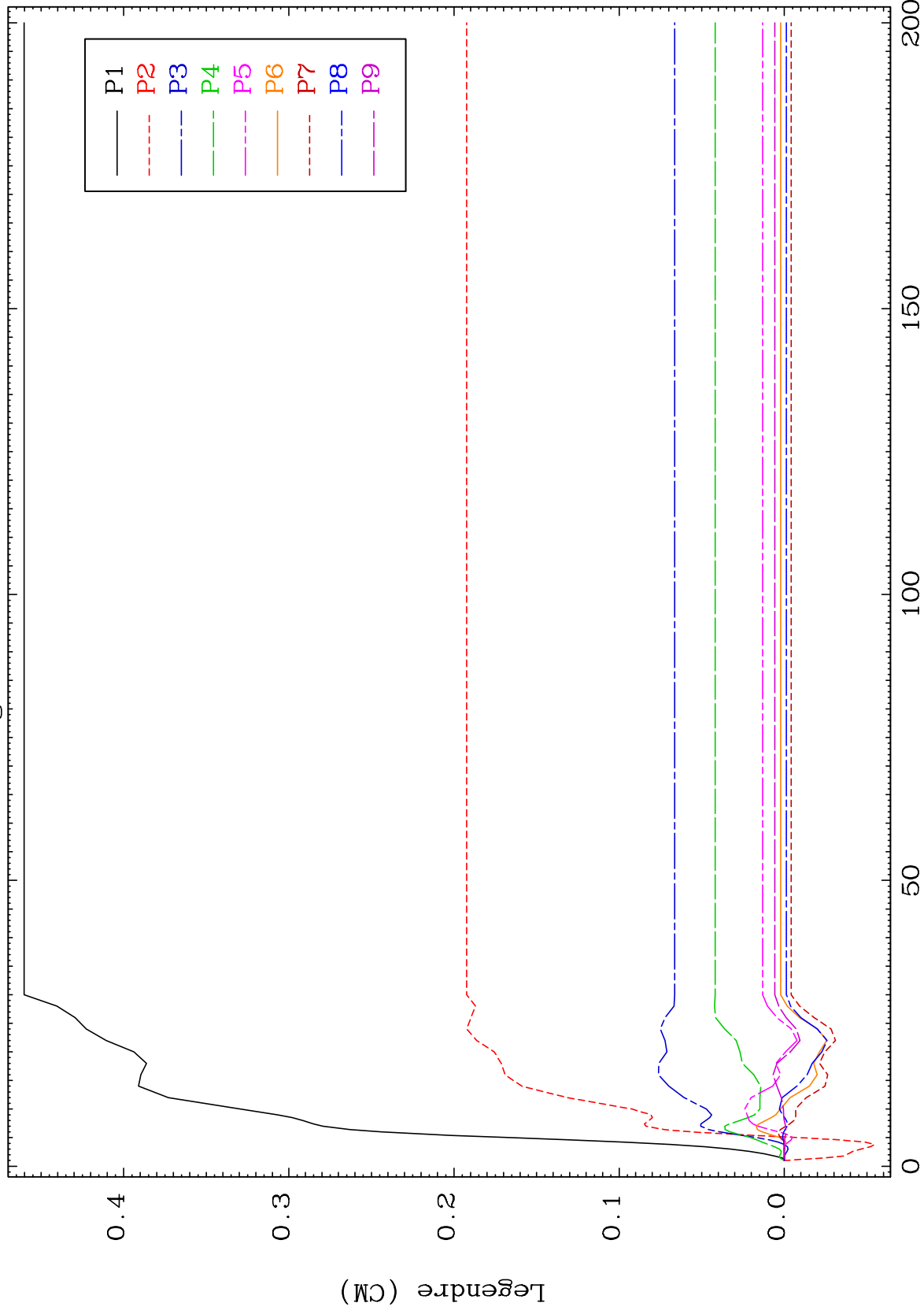
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



74

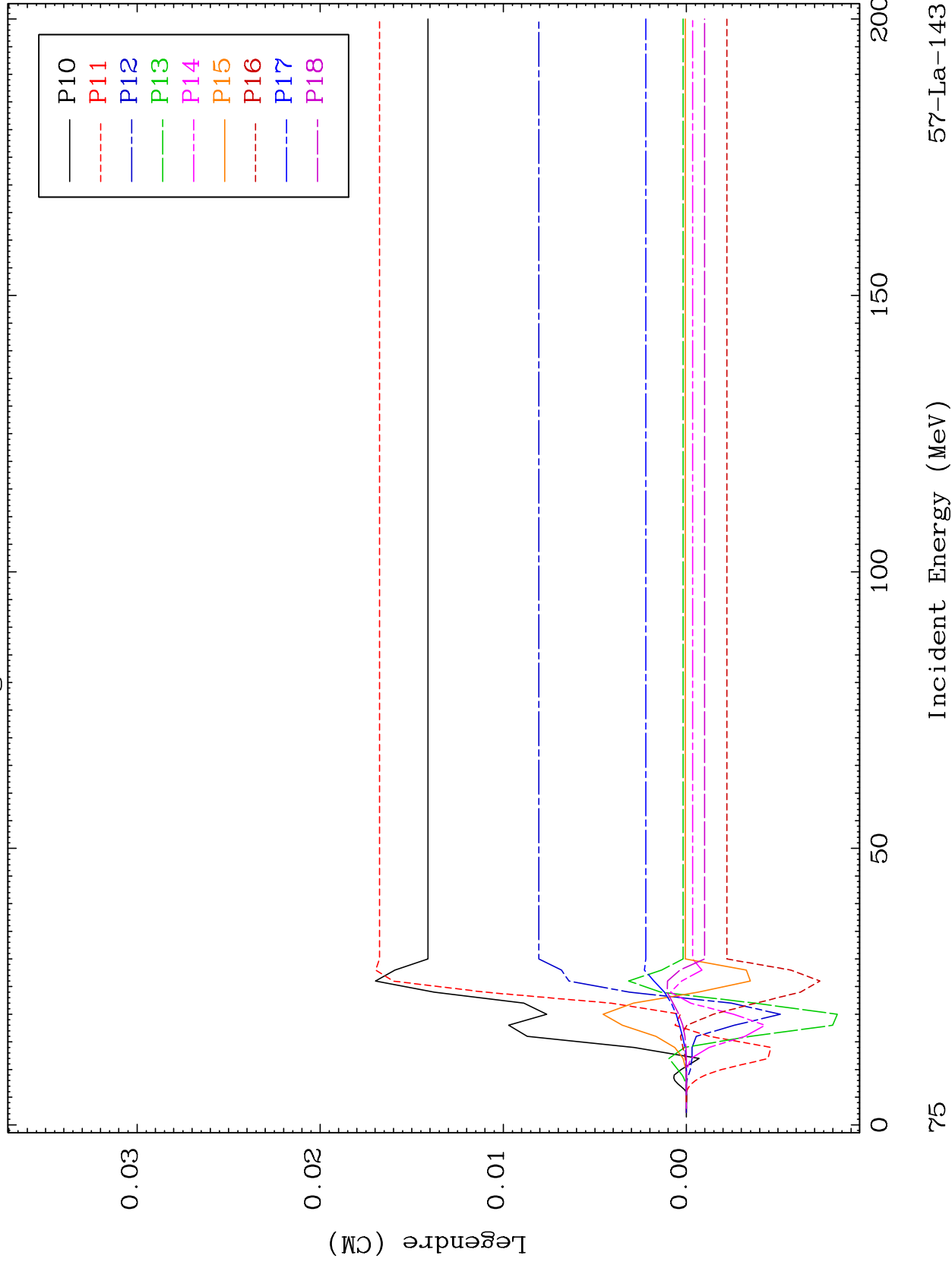
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

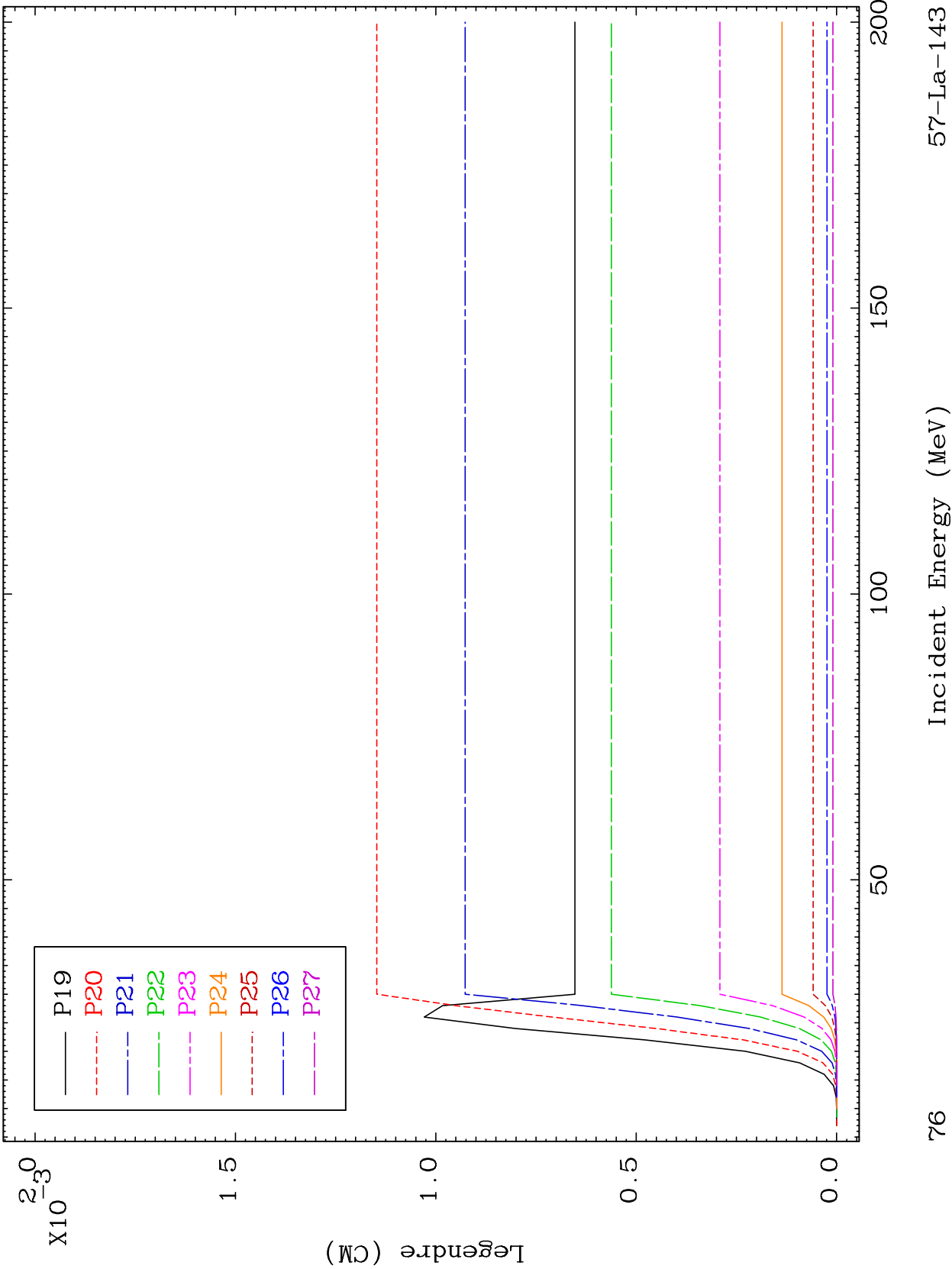
Incident Energy (MeV)

75

MAT 5740

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

57-La-143



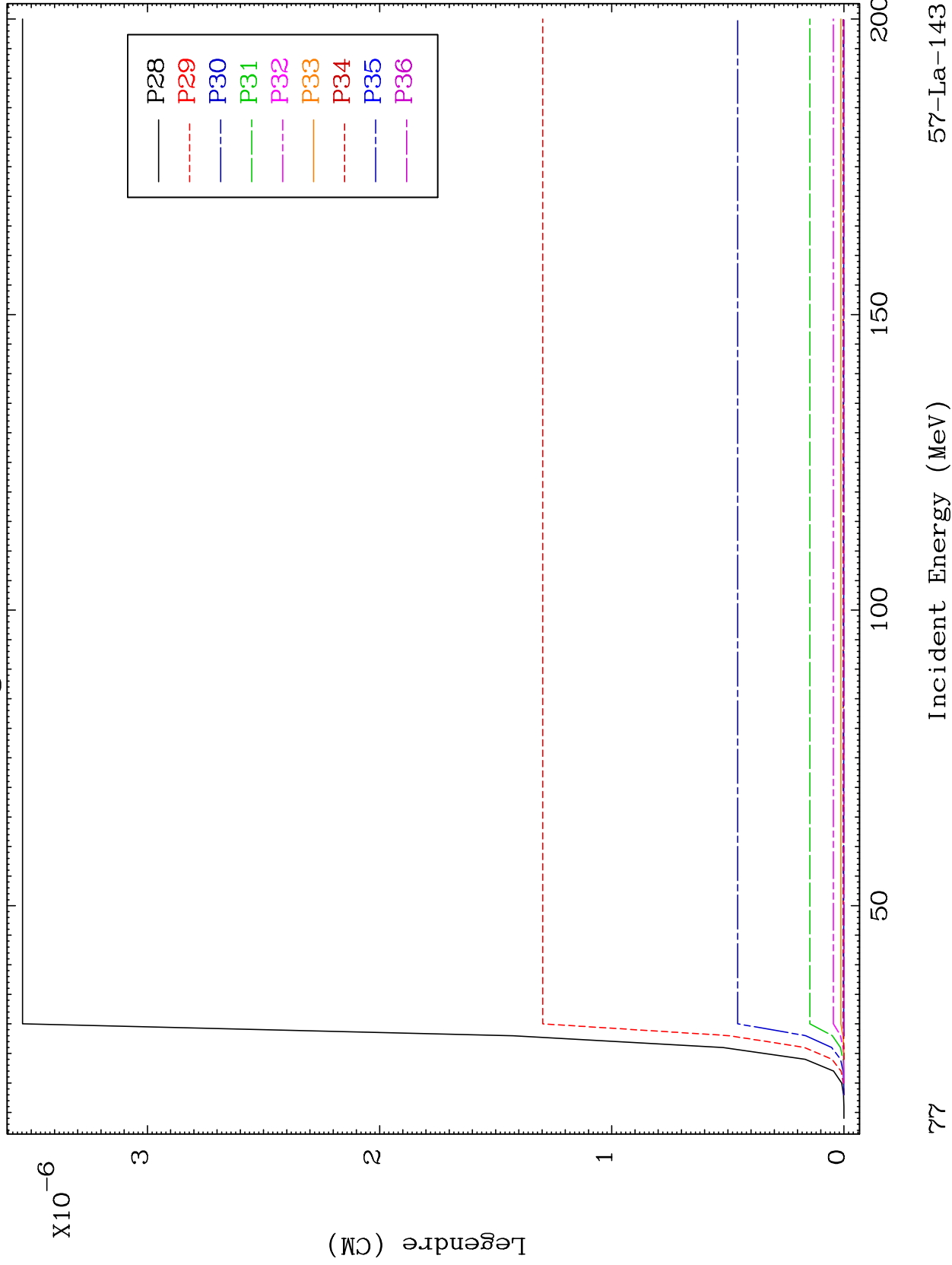
76

57-La-143

MAT 5740

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

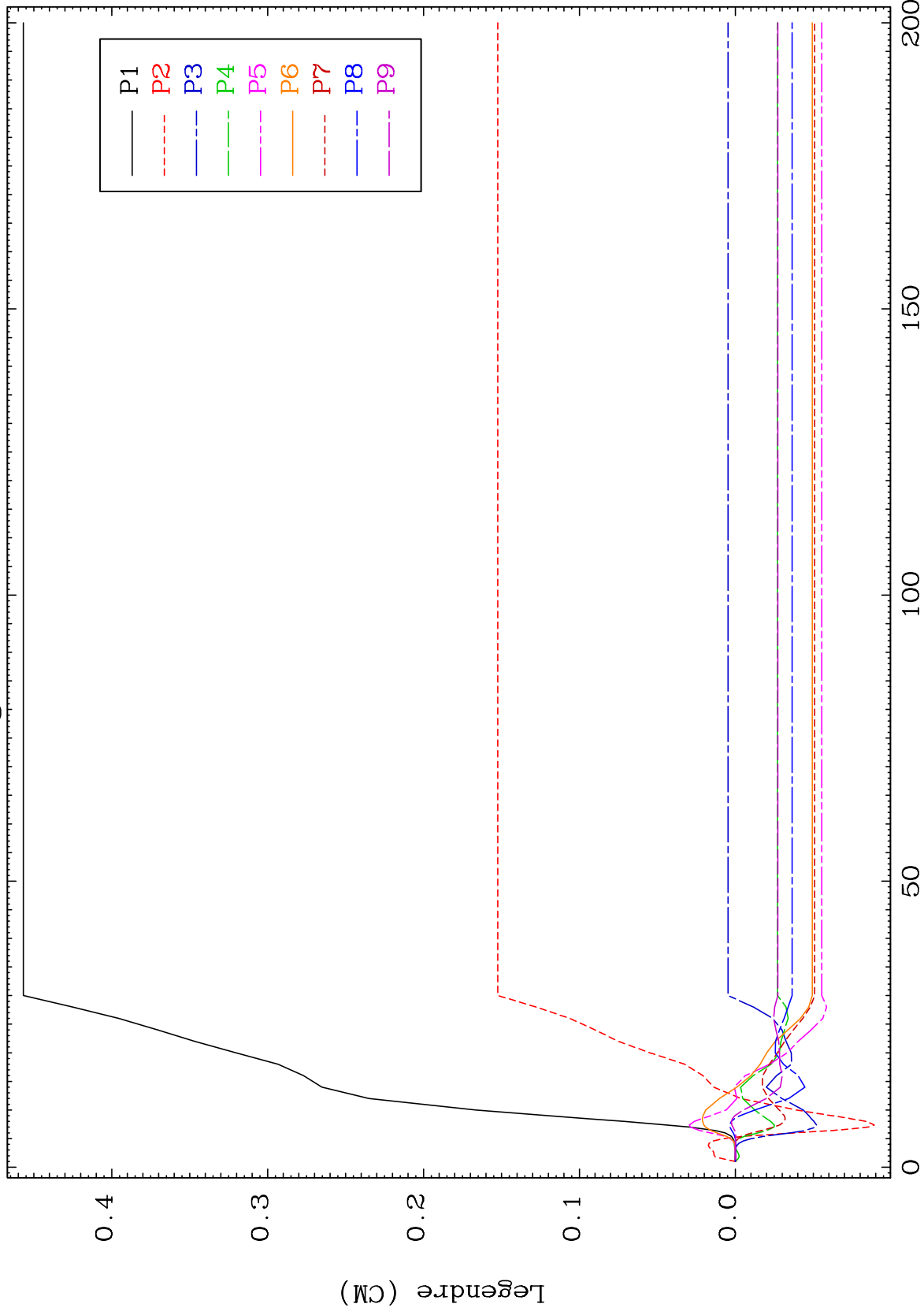
57-La-143



MAT 5740

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

57-La-143



57-La-143

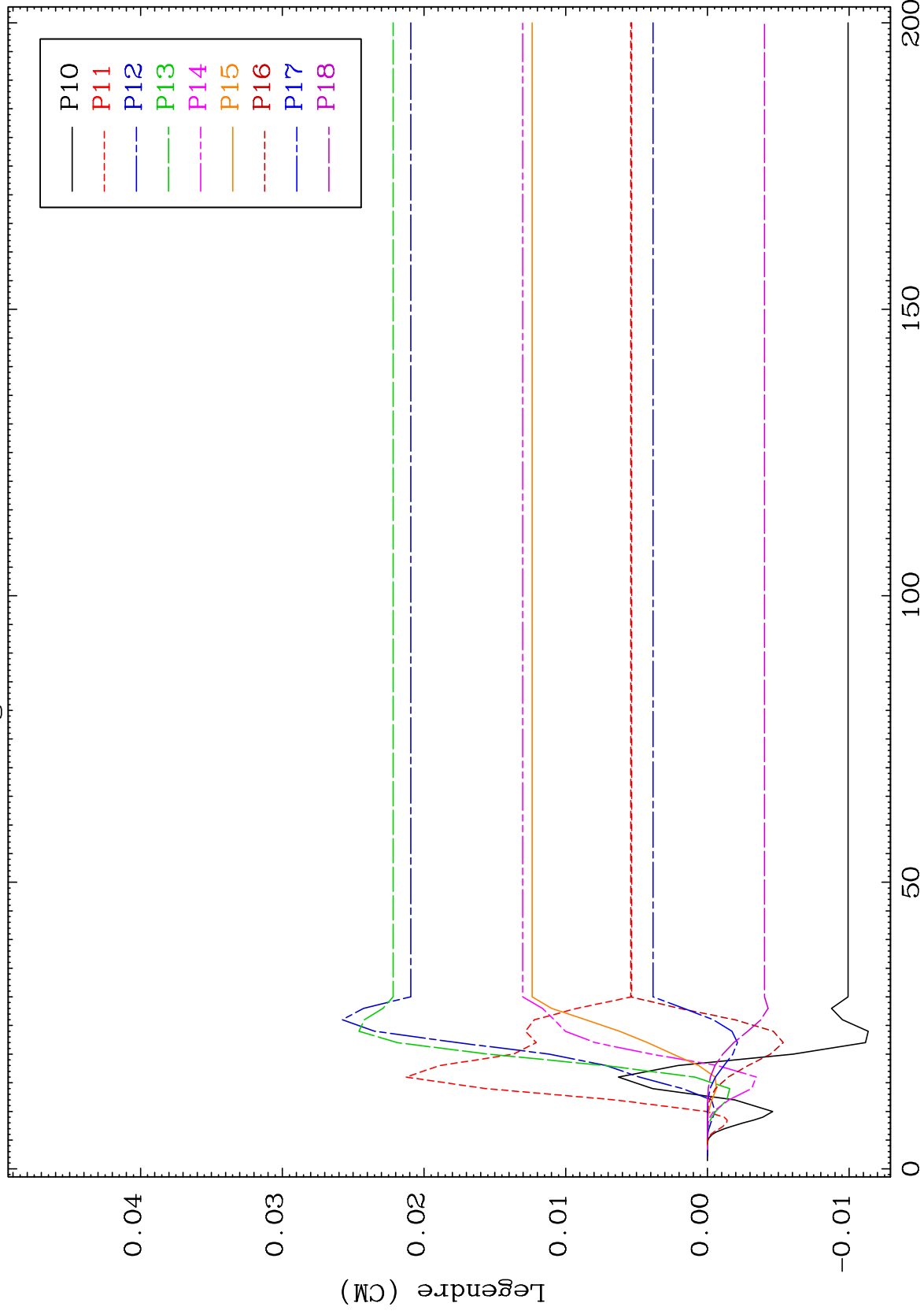
Incident Energy (MeV)

78

MAT 5740

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

57-La-143



79

Incident Energy (MeV)

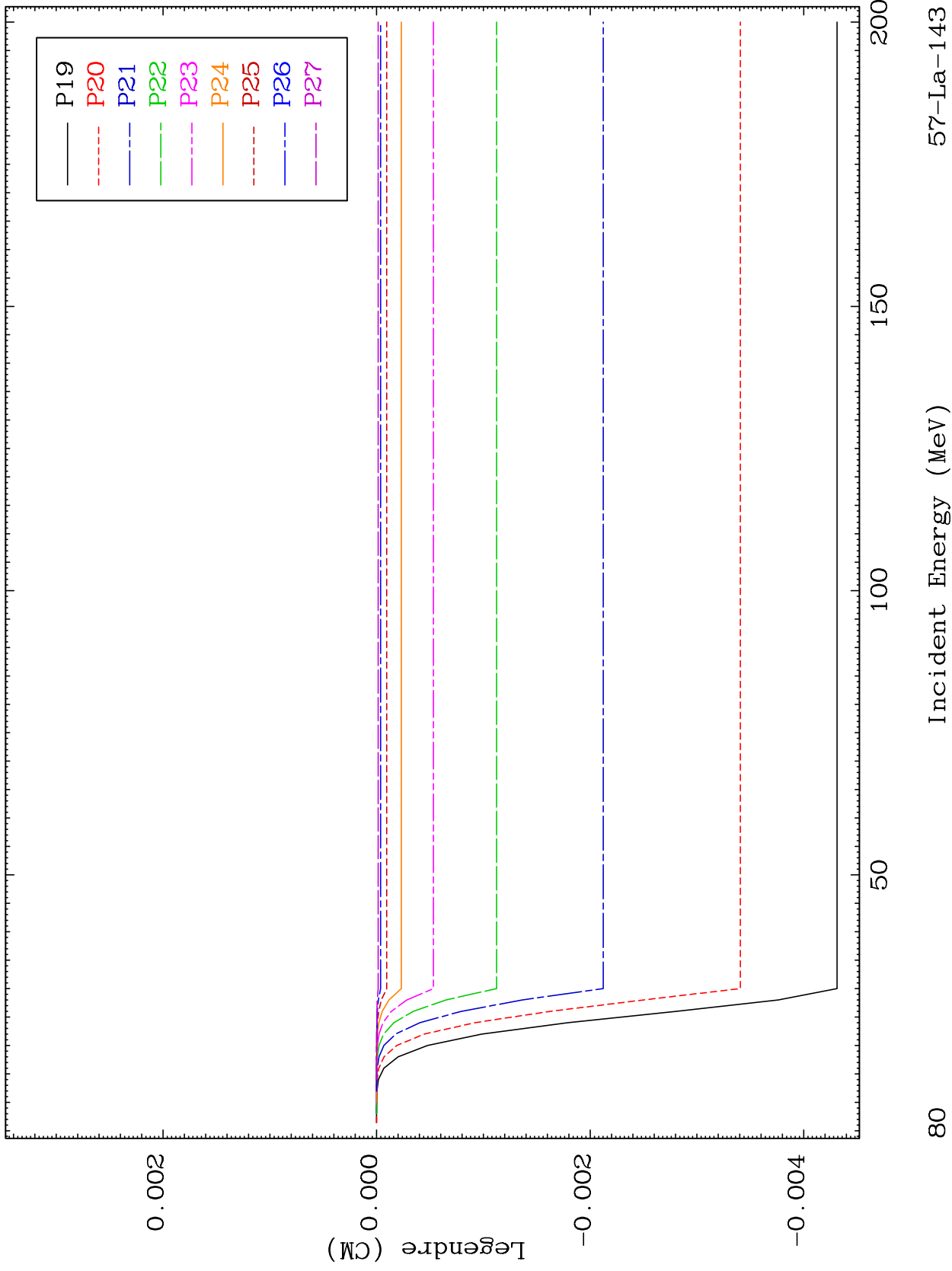
57-La-143



MAT 5740

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

57-La-143



80

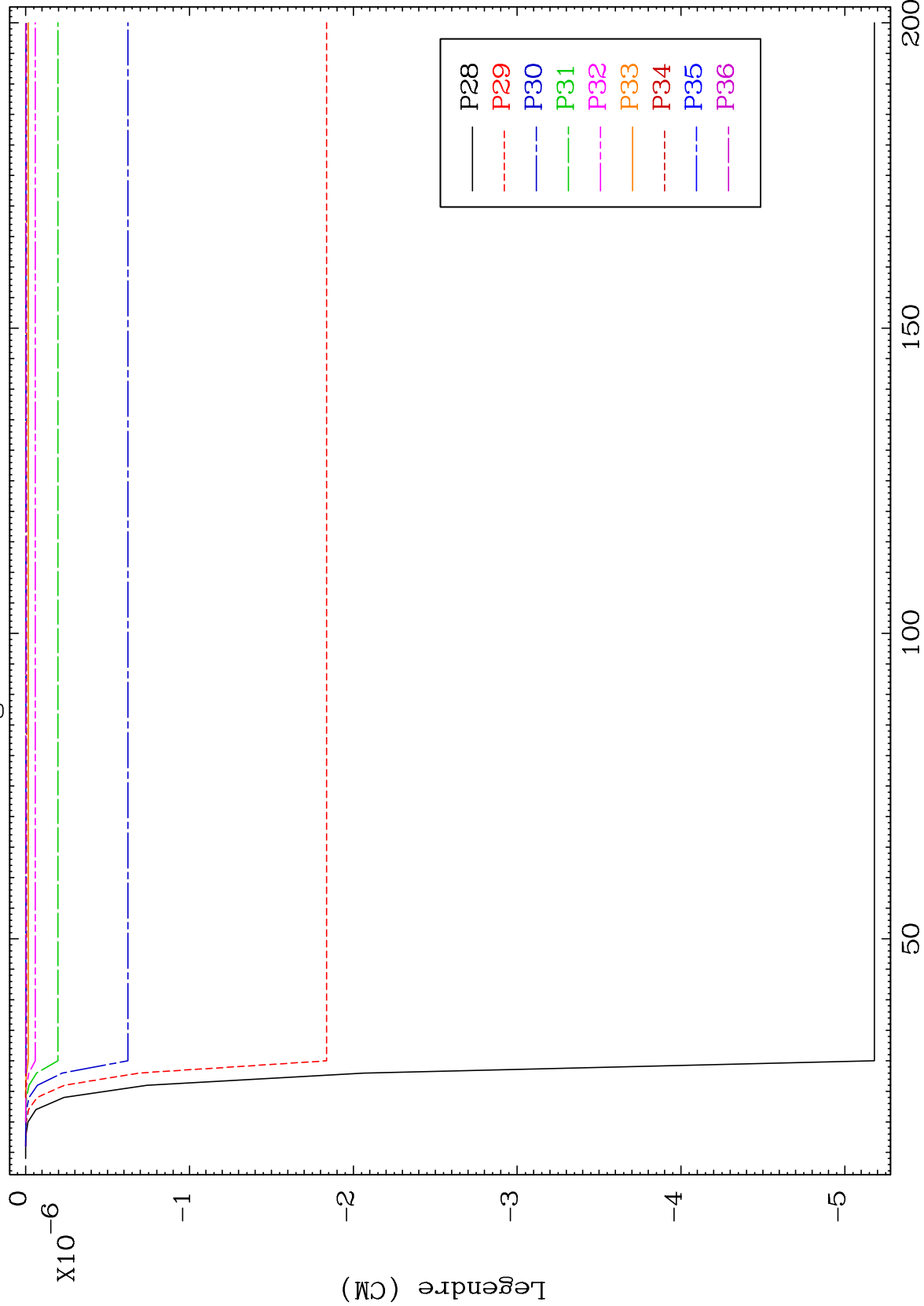
Incident Energy (MeV)

57-La-143

MAT 5740

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

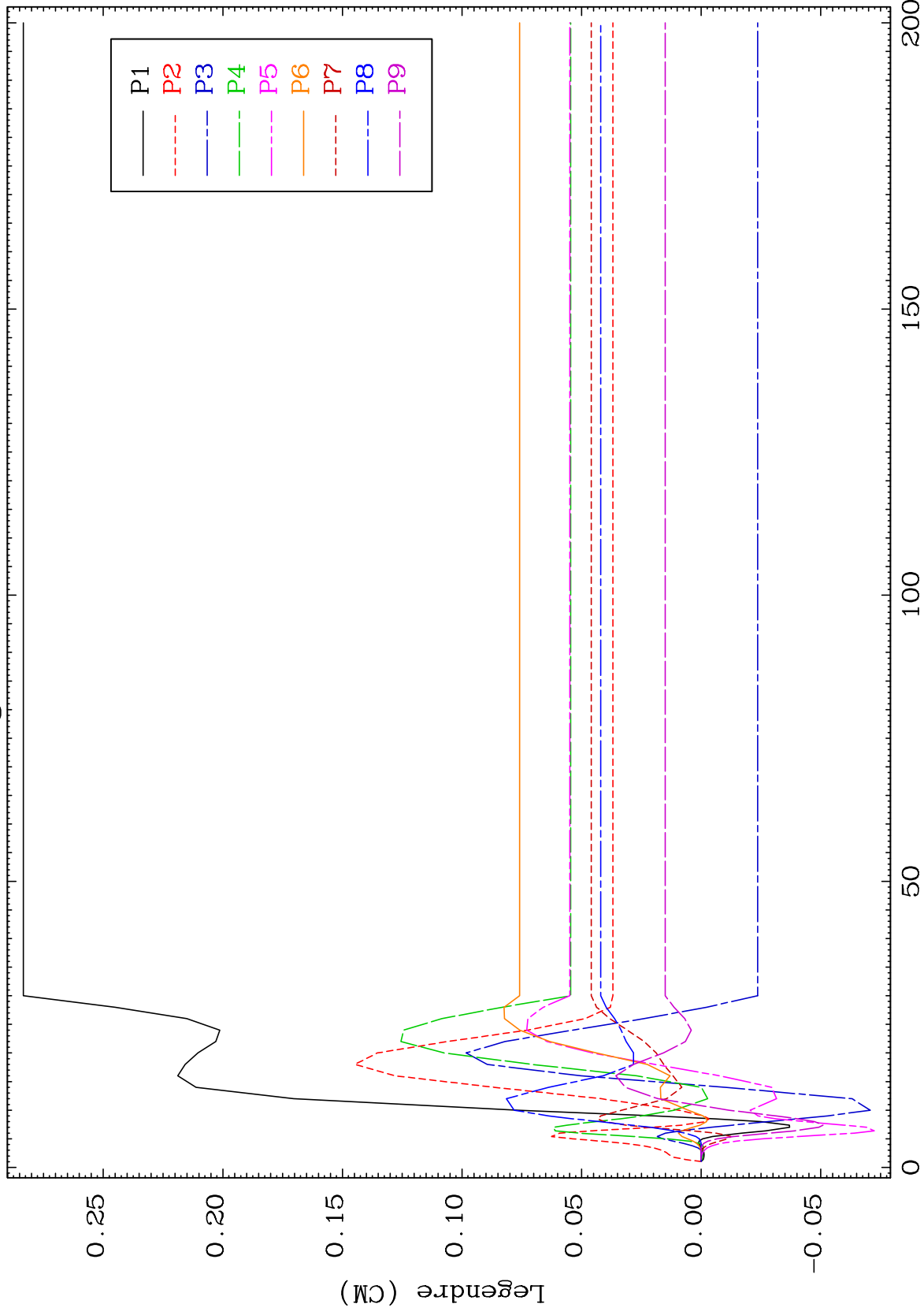
57-La-143



MAT 5740

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

57-La-143



57-La-143

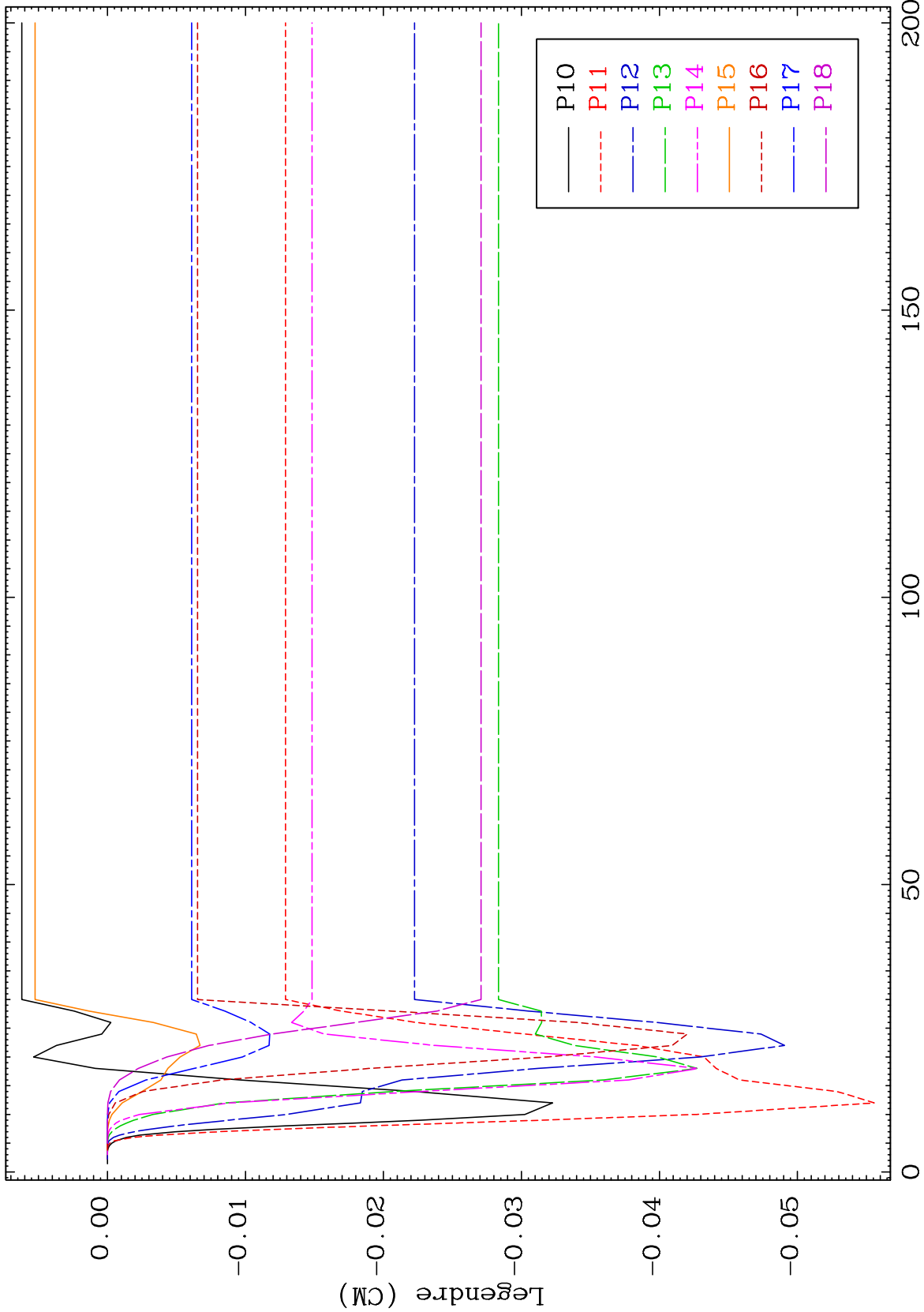
Incident Energy (MeV)

82

MAT 5740

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

57-La-143



83

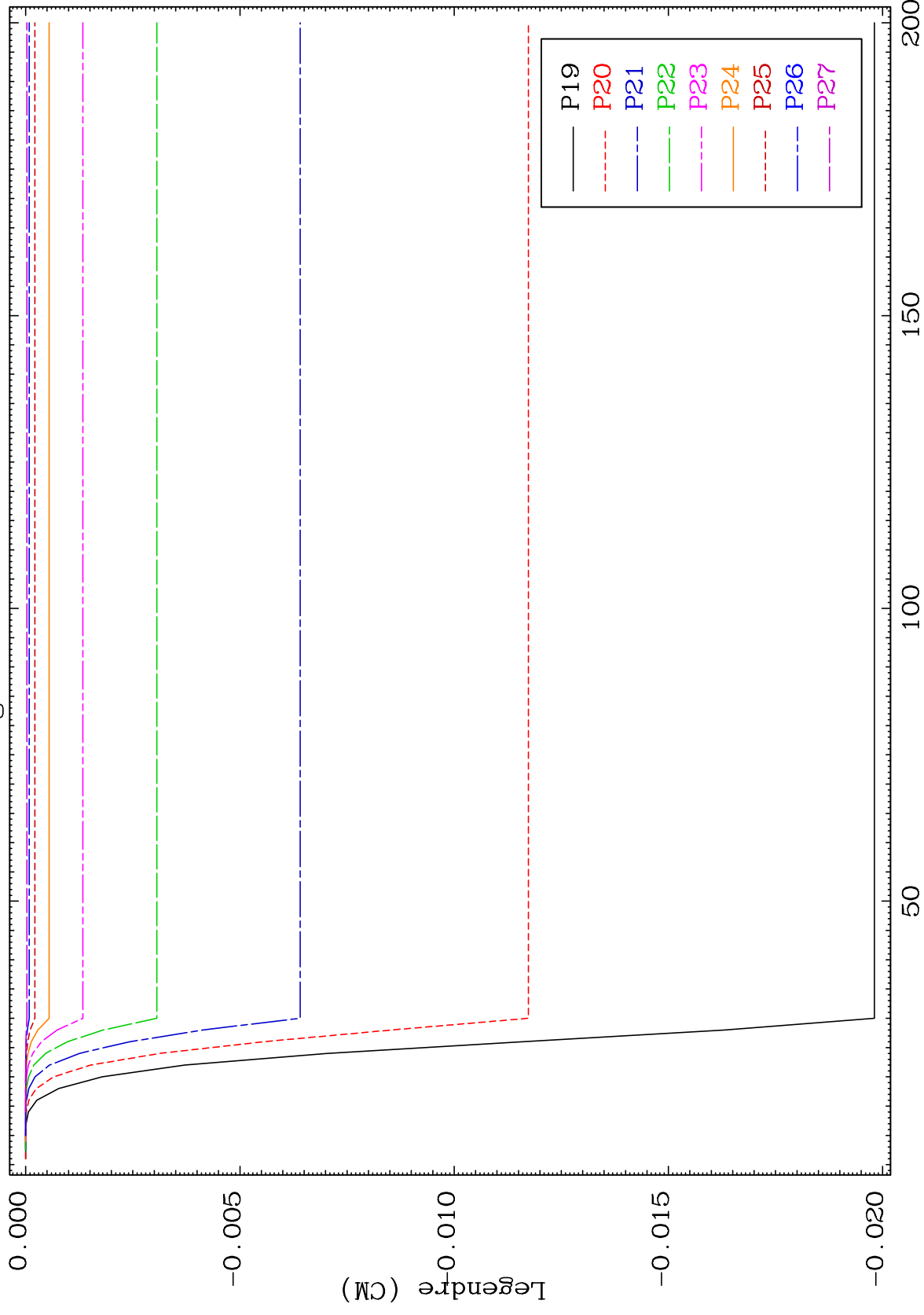
Incident Energy (MeV)

57-La-143

MAT 5740

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

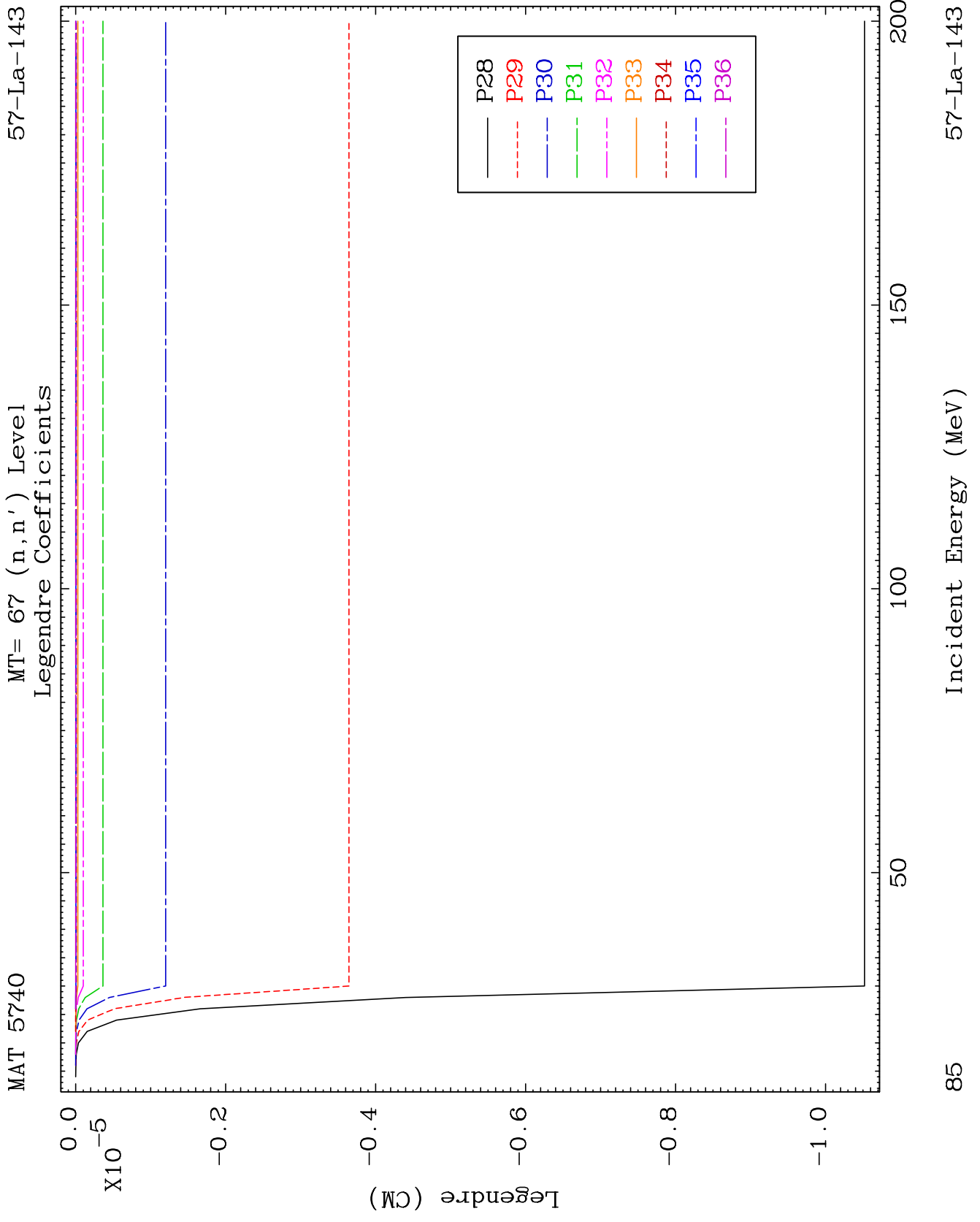
57-La-143



84

Incident Energy (MeV)

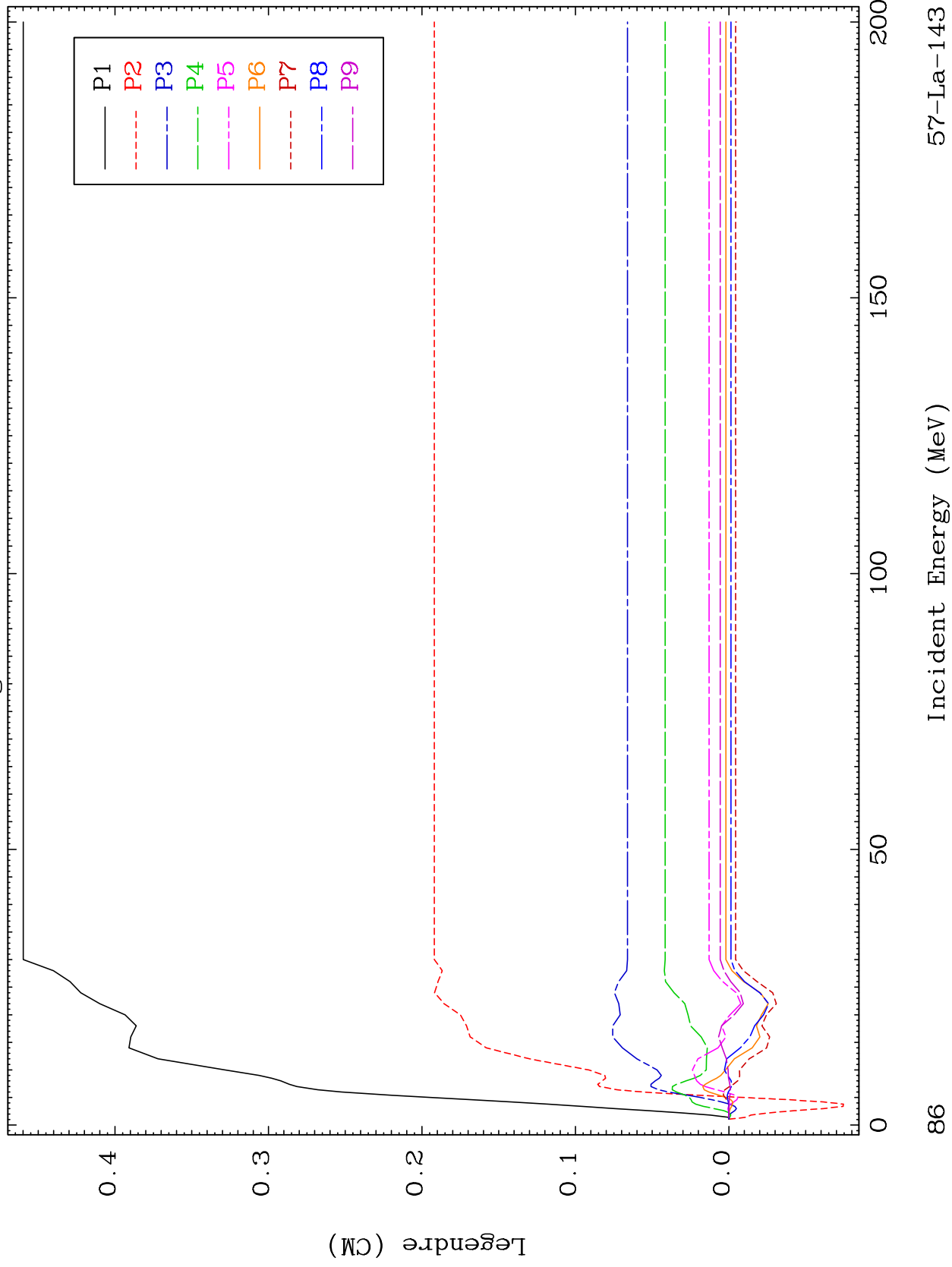
57-La-143



MAT 5740

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

57-La-143



57-La-143

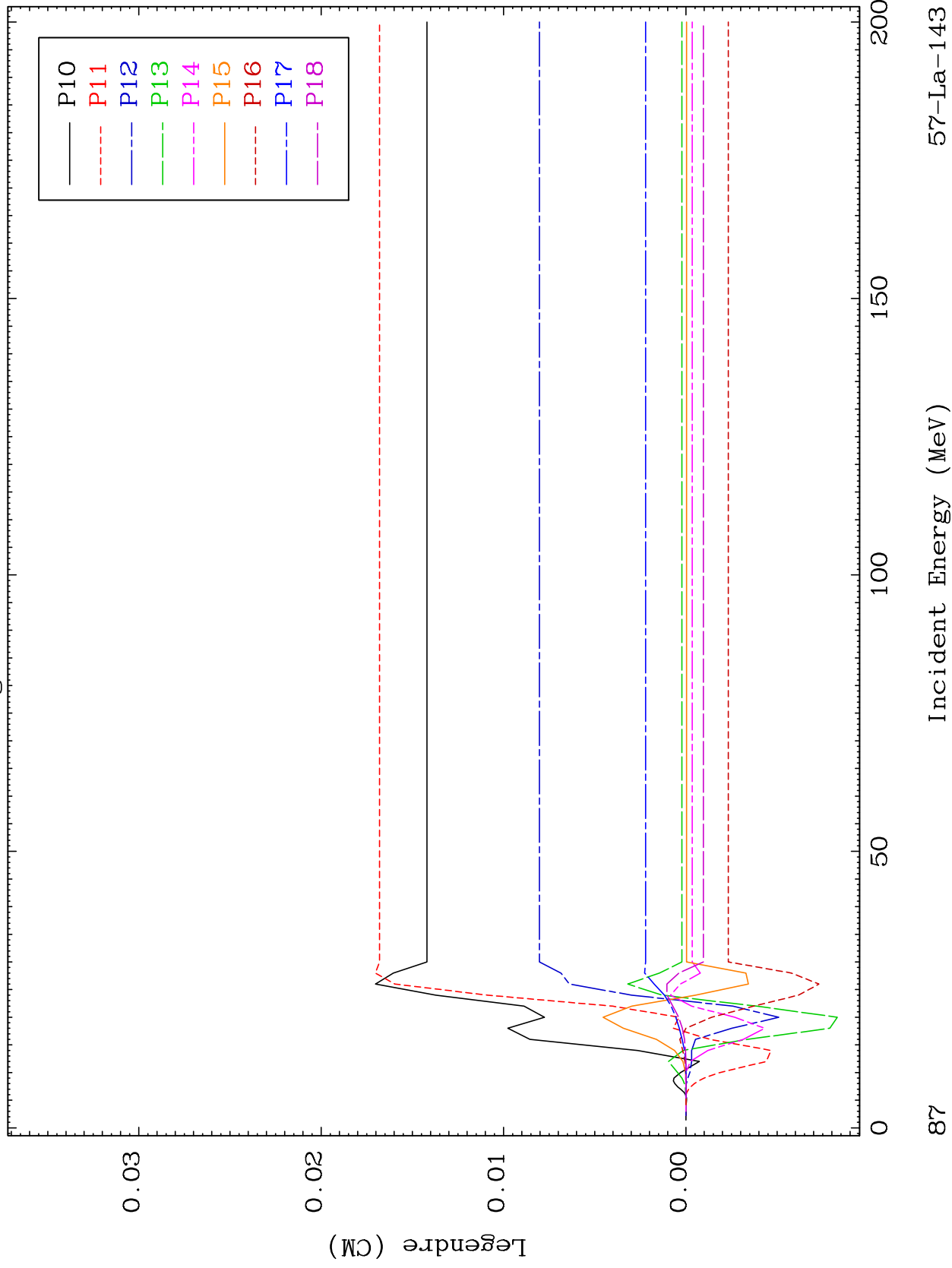
Incident Energy (MeV)

86

MAT 5740

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

57-La-143



87

Incident Energy (MeV)

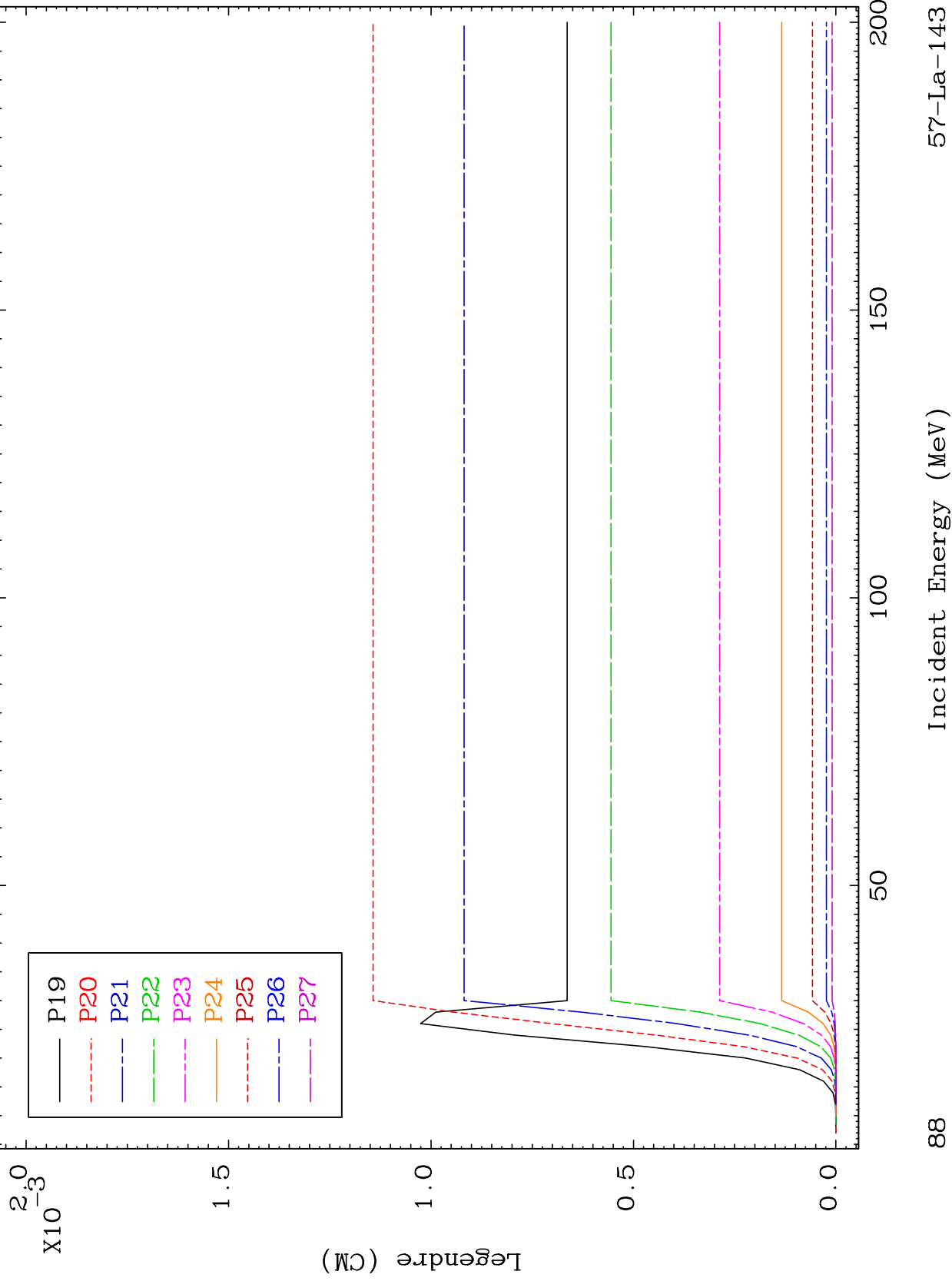
57-La-143



MAT 5740

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

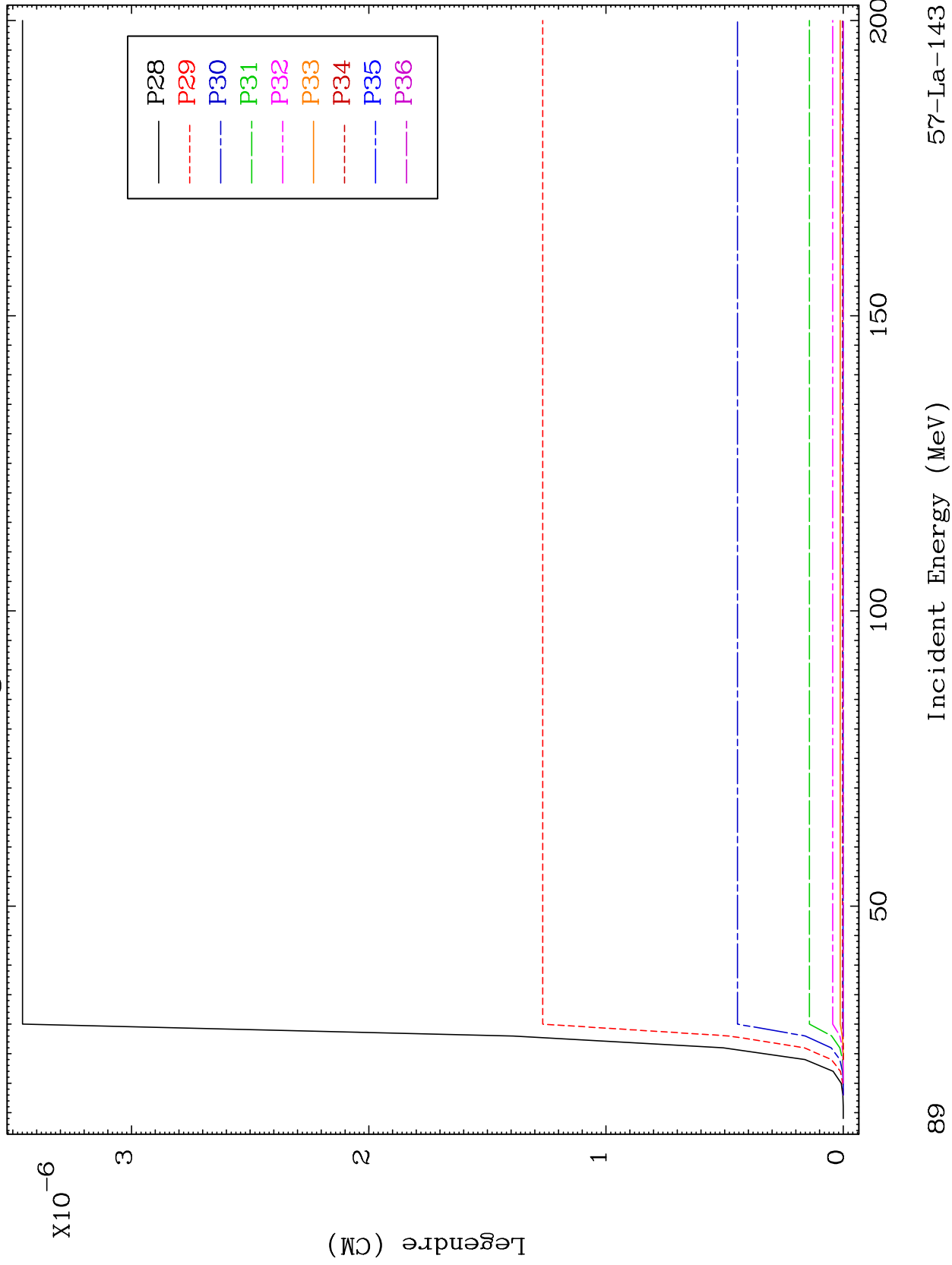
57-La-143



MAT 5740

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

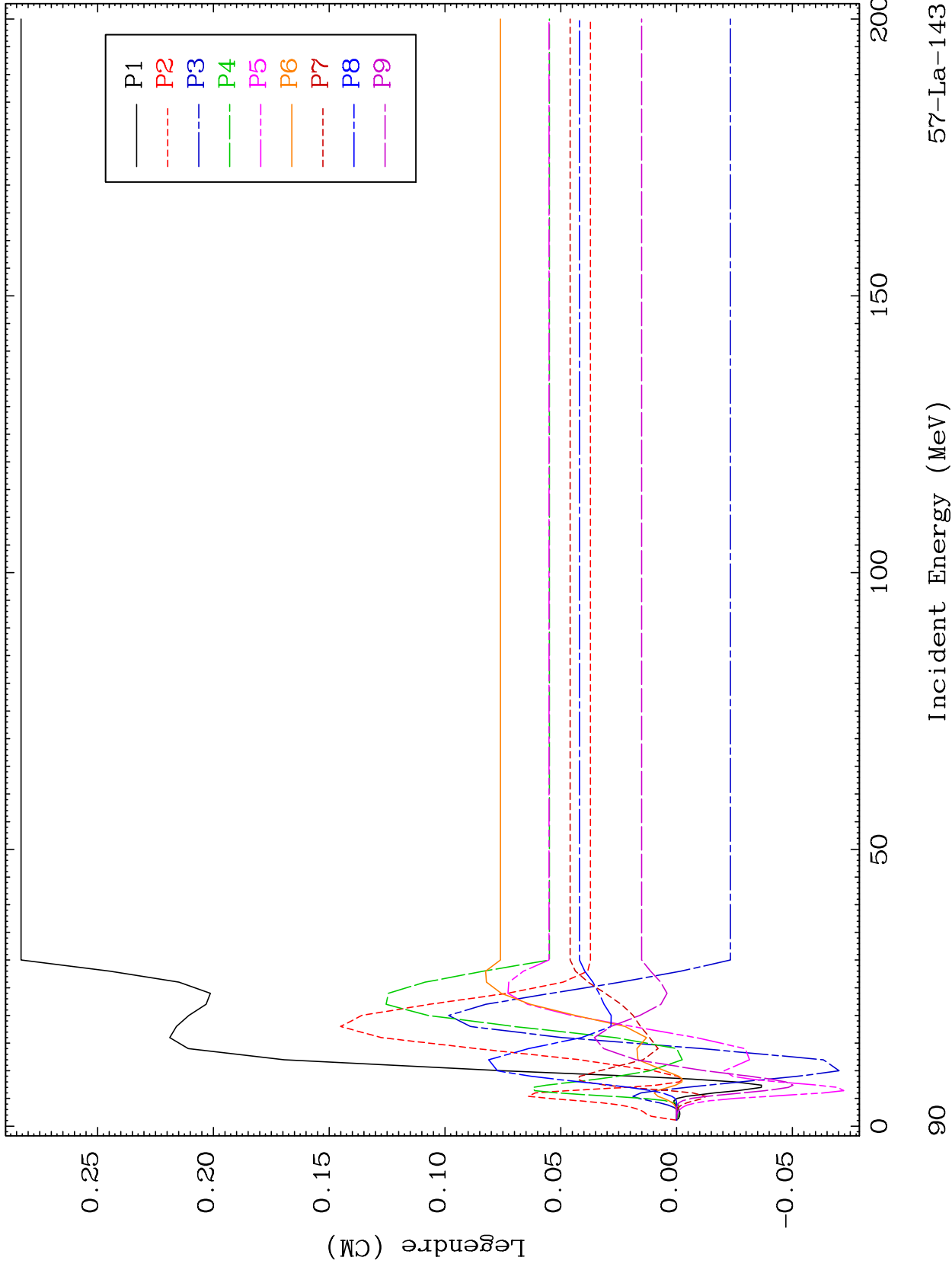
57-La-143



MAT 5740

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

57-La-143



57-La-143

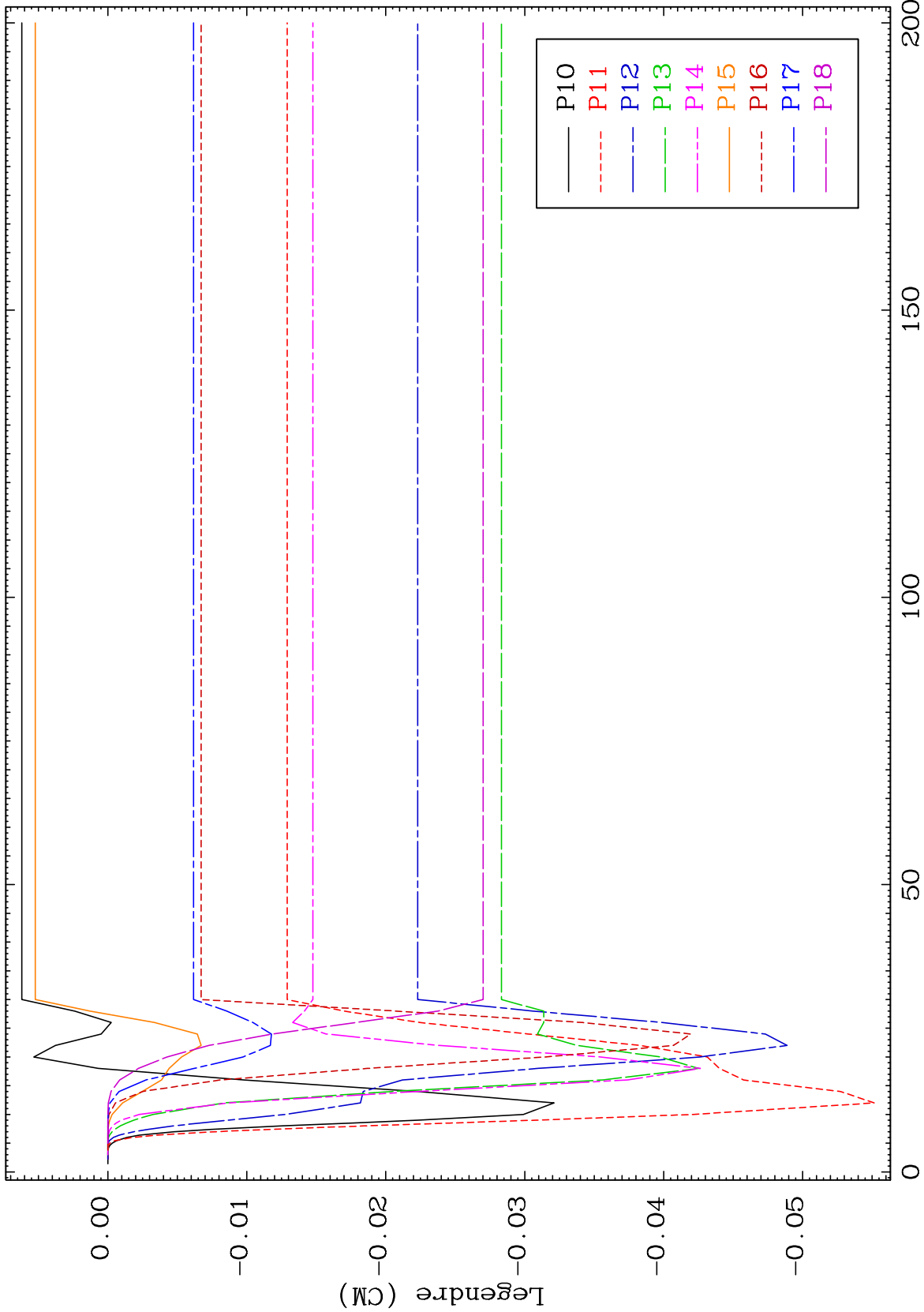
Incident Energy (MeV)

90

MAT 5740

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

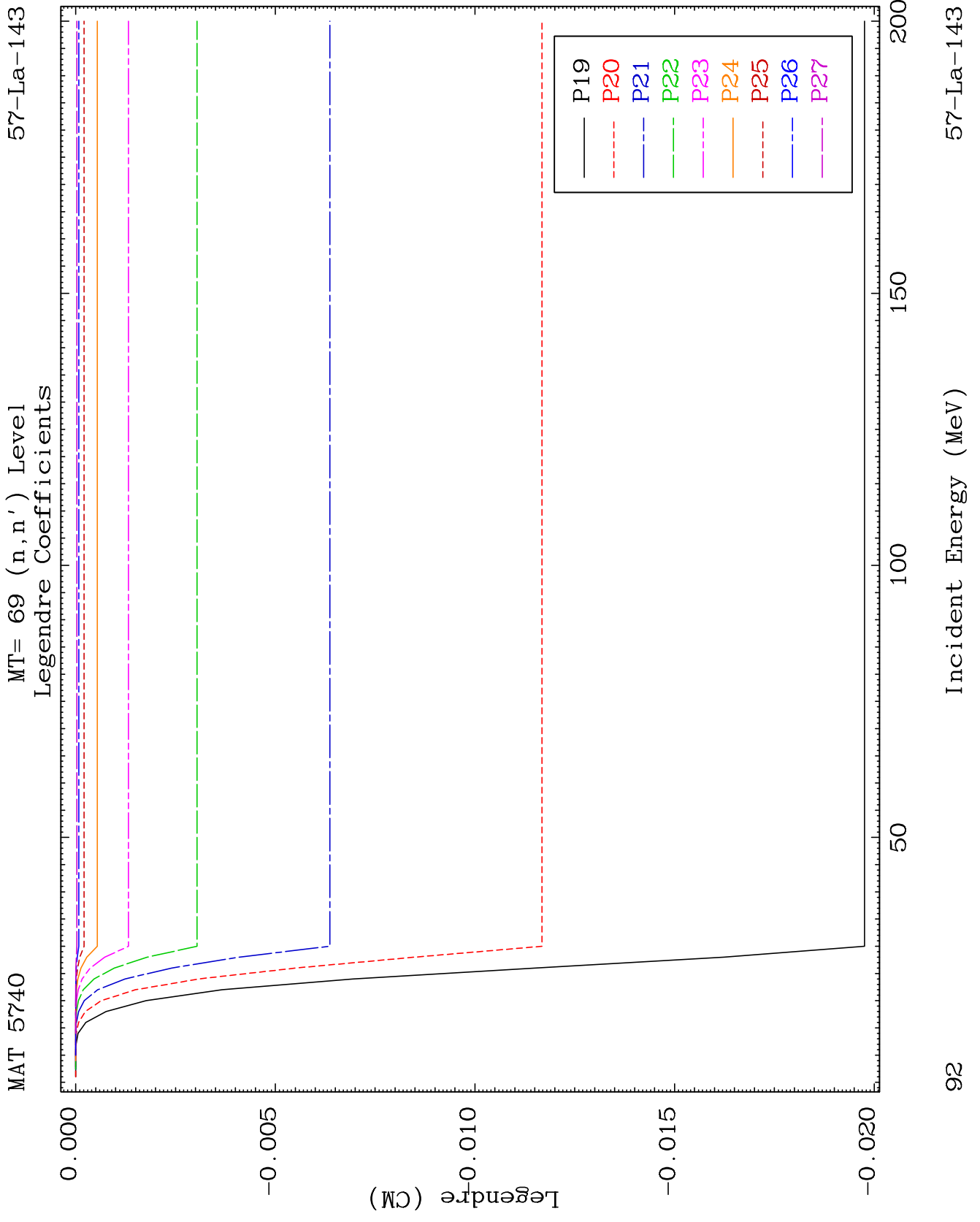
57-La-143

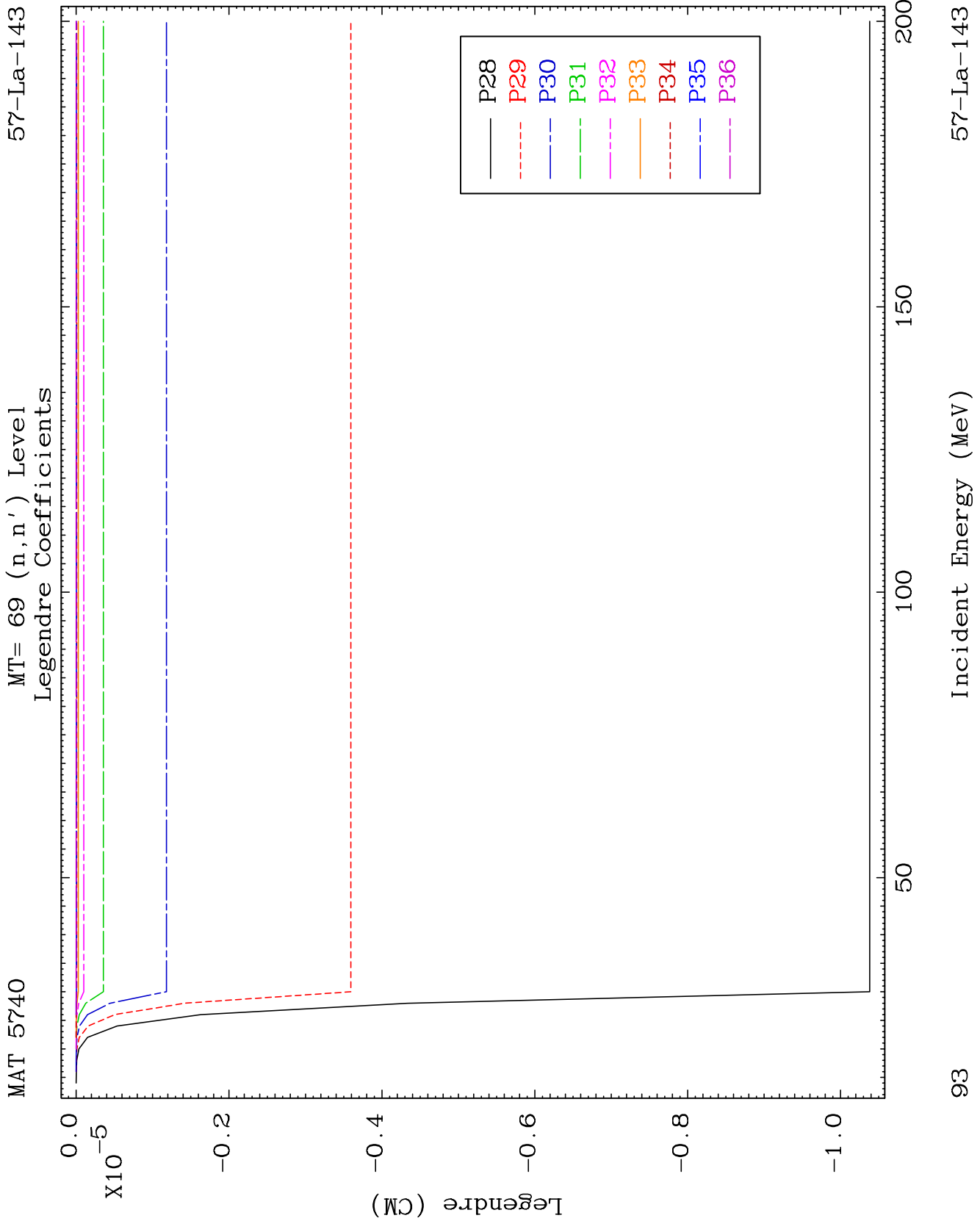


91

Incident Energy (MeV)

57-La-143

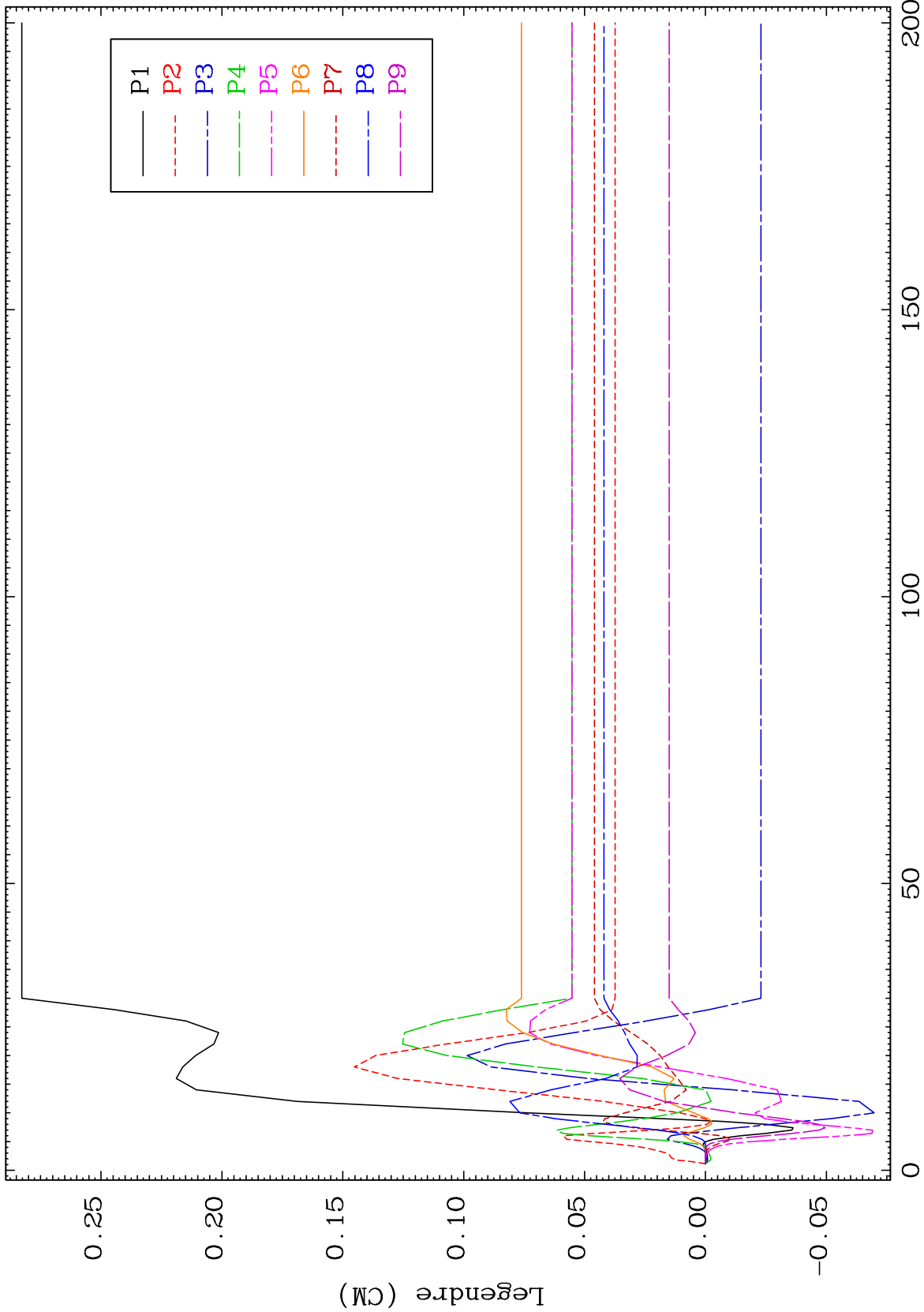




MAT 5740

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

57-La-143



94

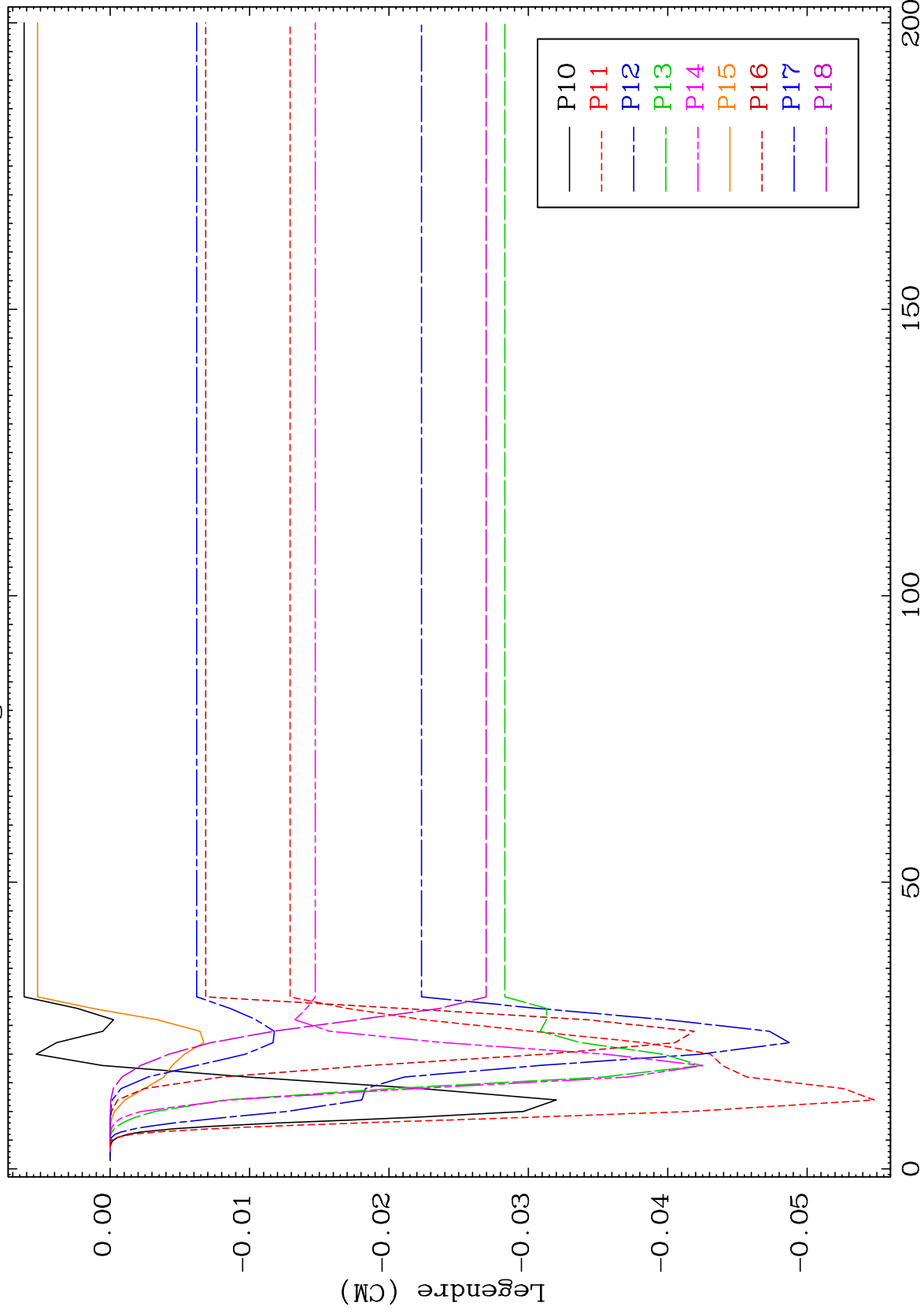
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143

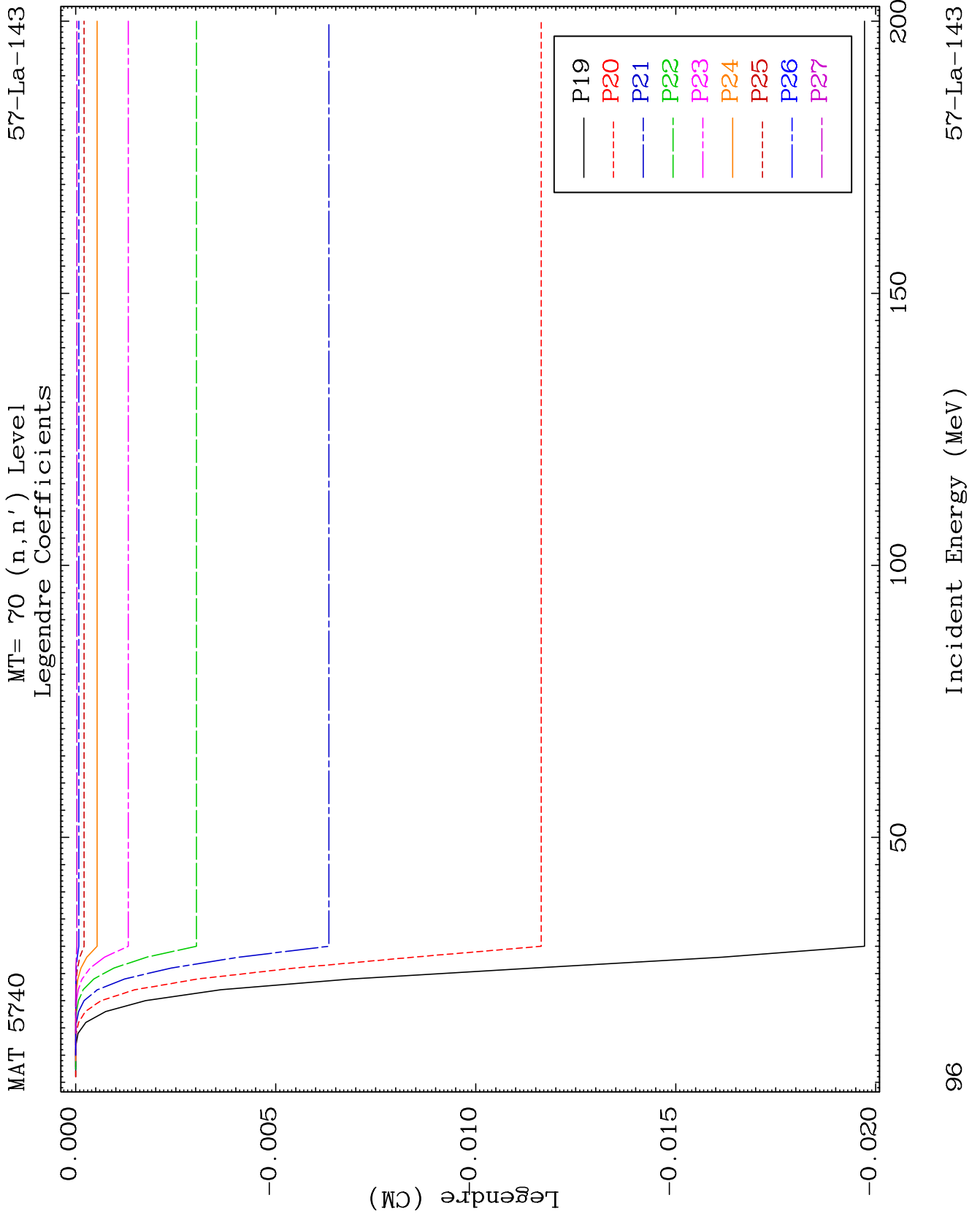


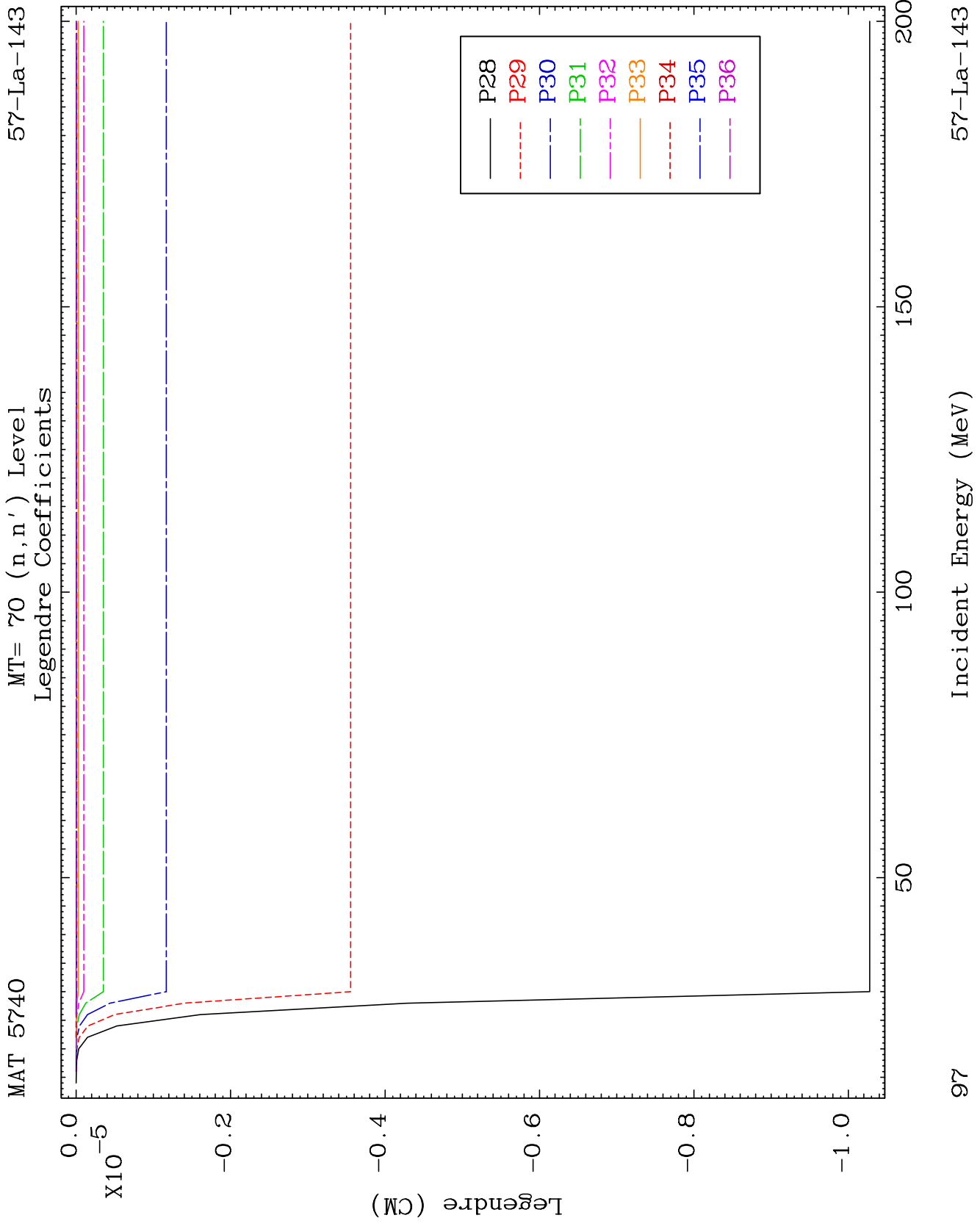
95

Incident Energy (MeV)

57-La-143



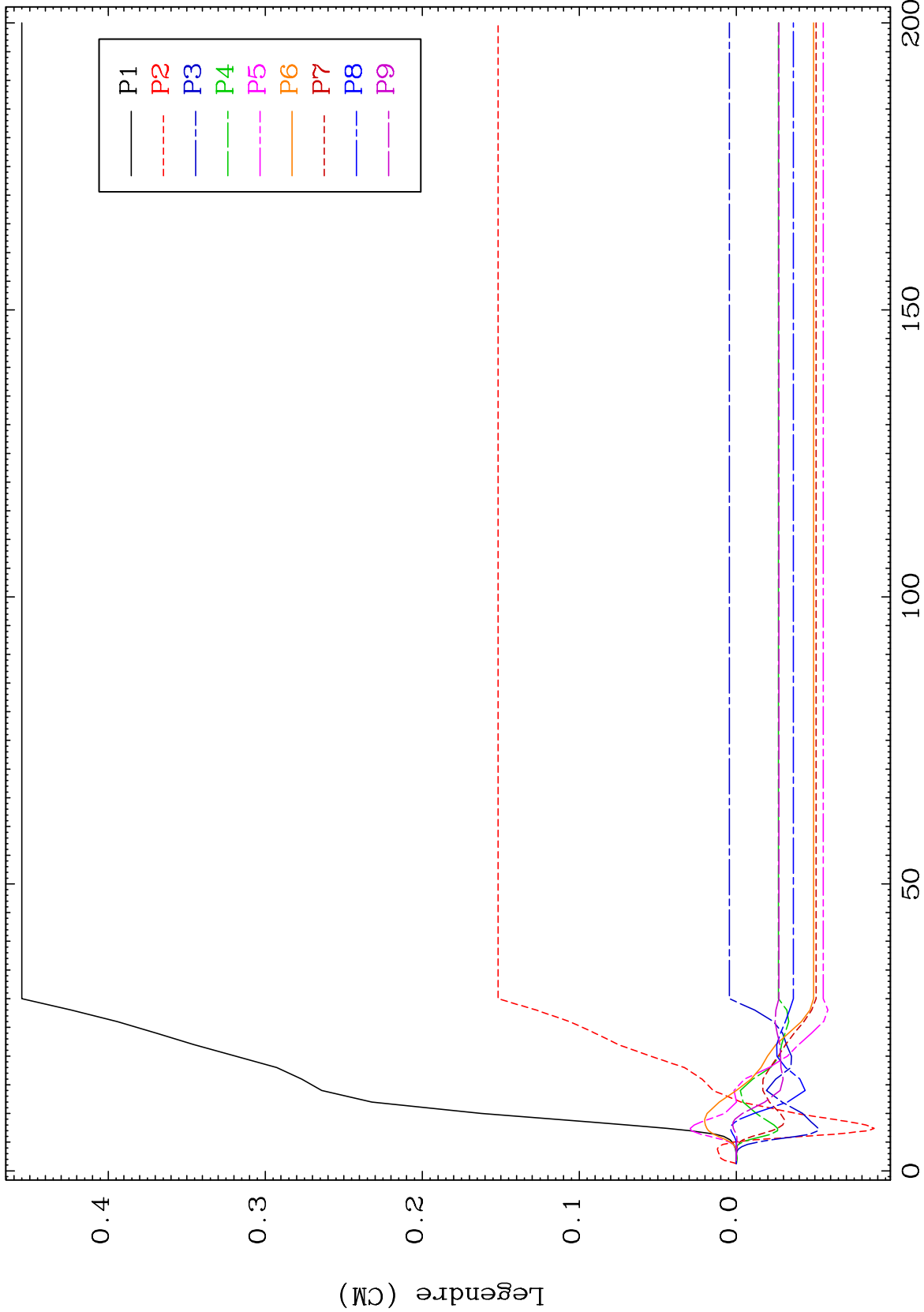




MAT 5740

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

57-La-143



98

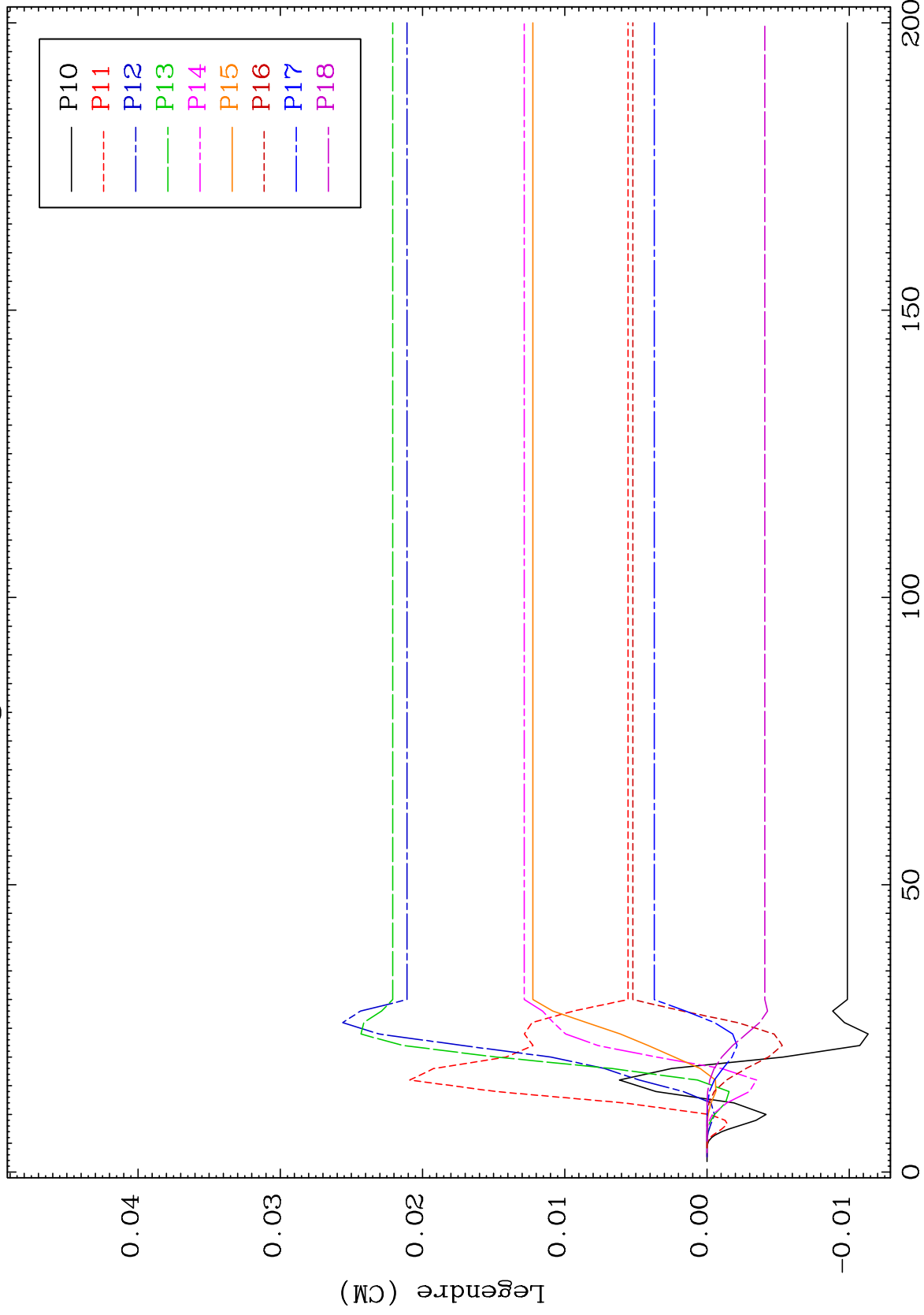
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



99

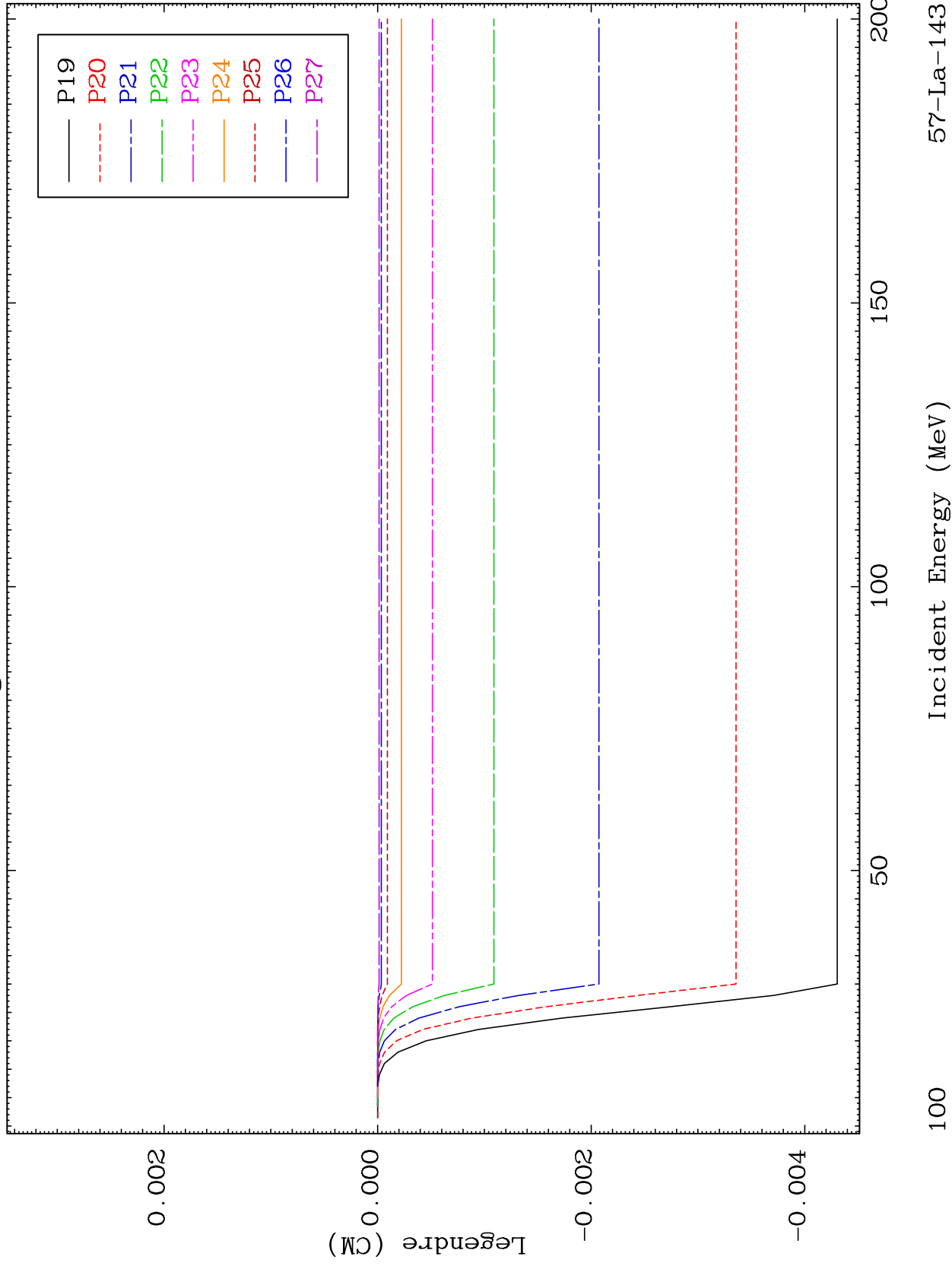
Incident Energy (MeV)

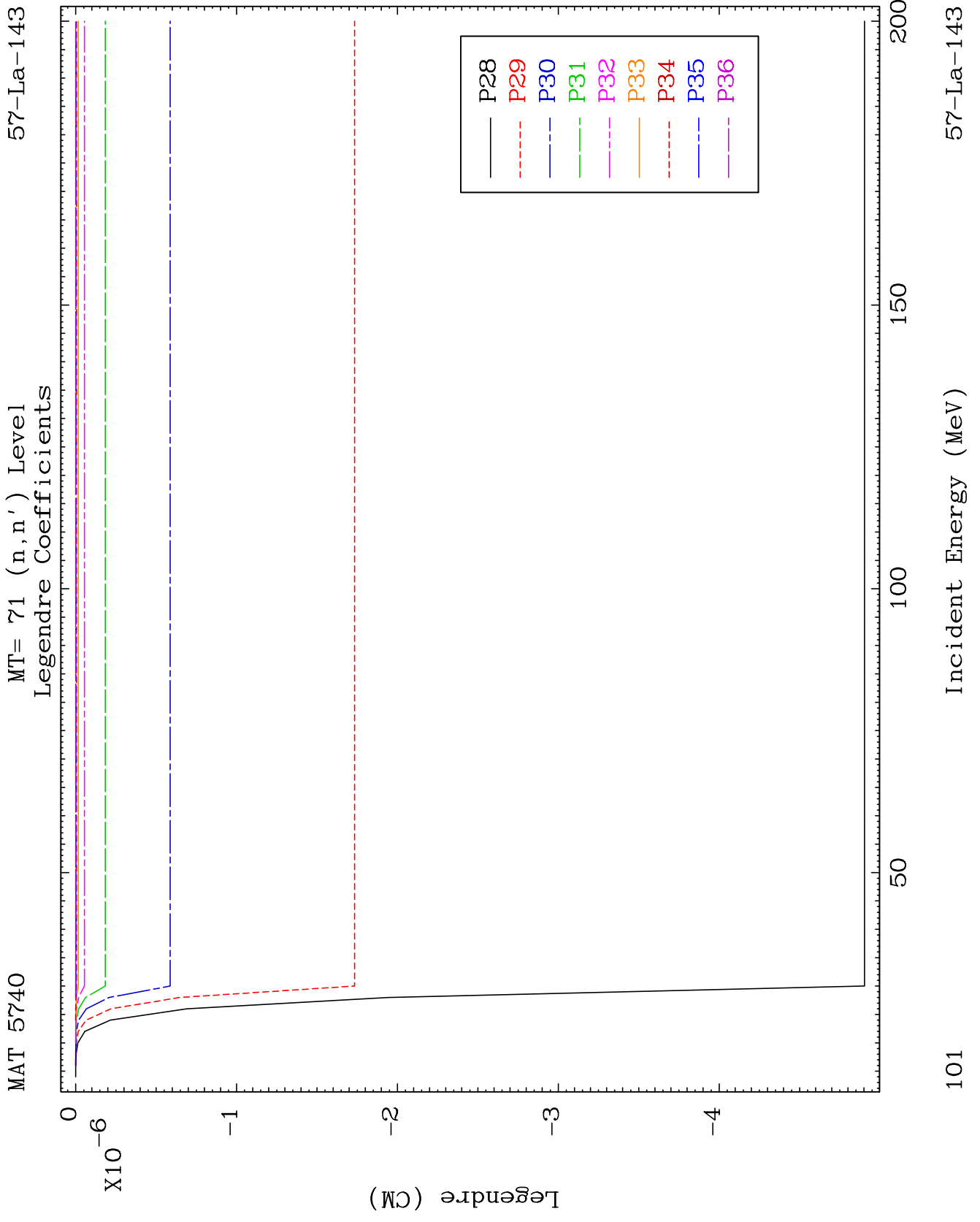
57-La-143

MAT 5740

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

57-La-143

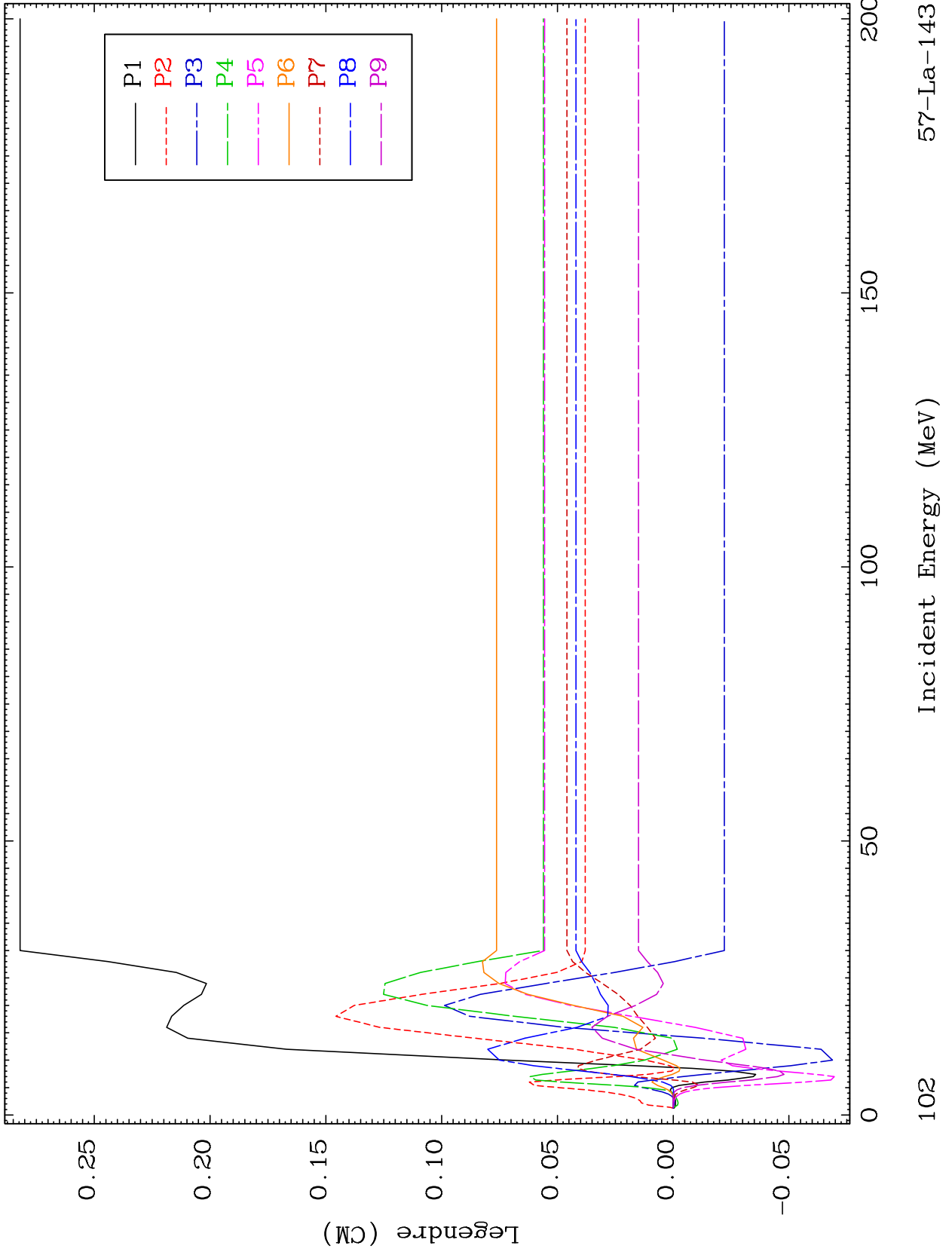




MAT 5740

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

57-La-143



57-La-143

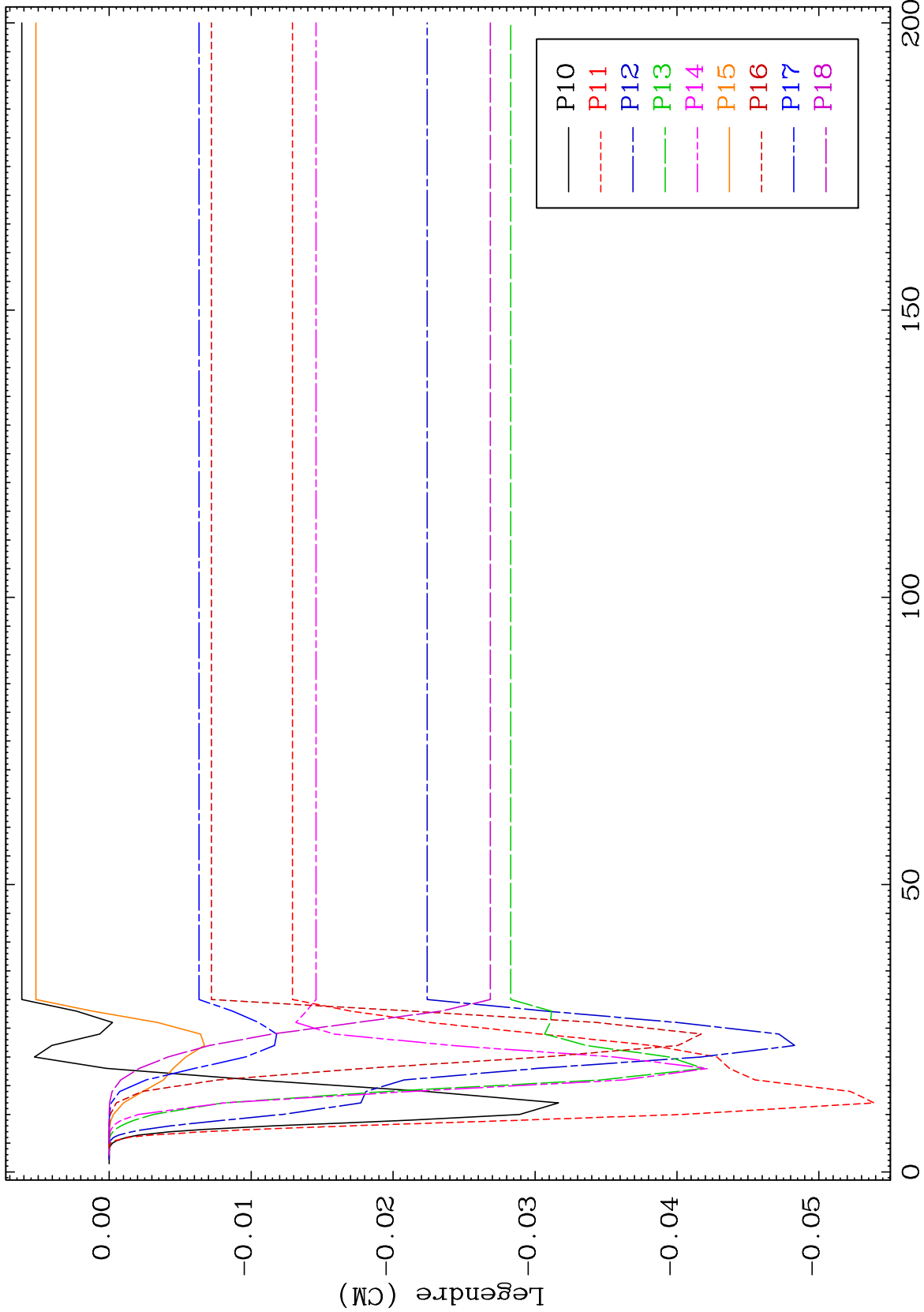
Incident Energy (MeV)

102

MAT 5740

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

57-La-143

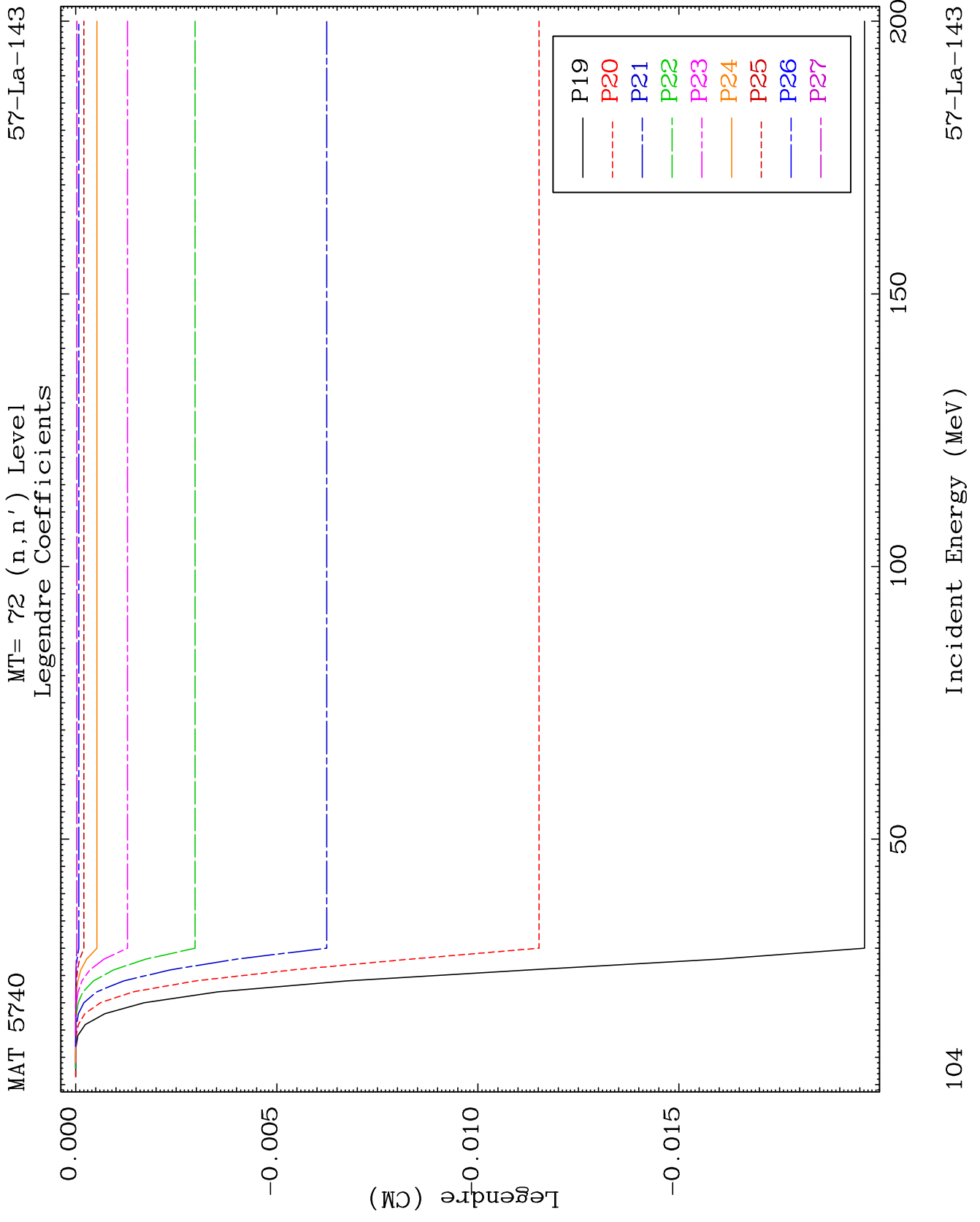


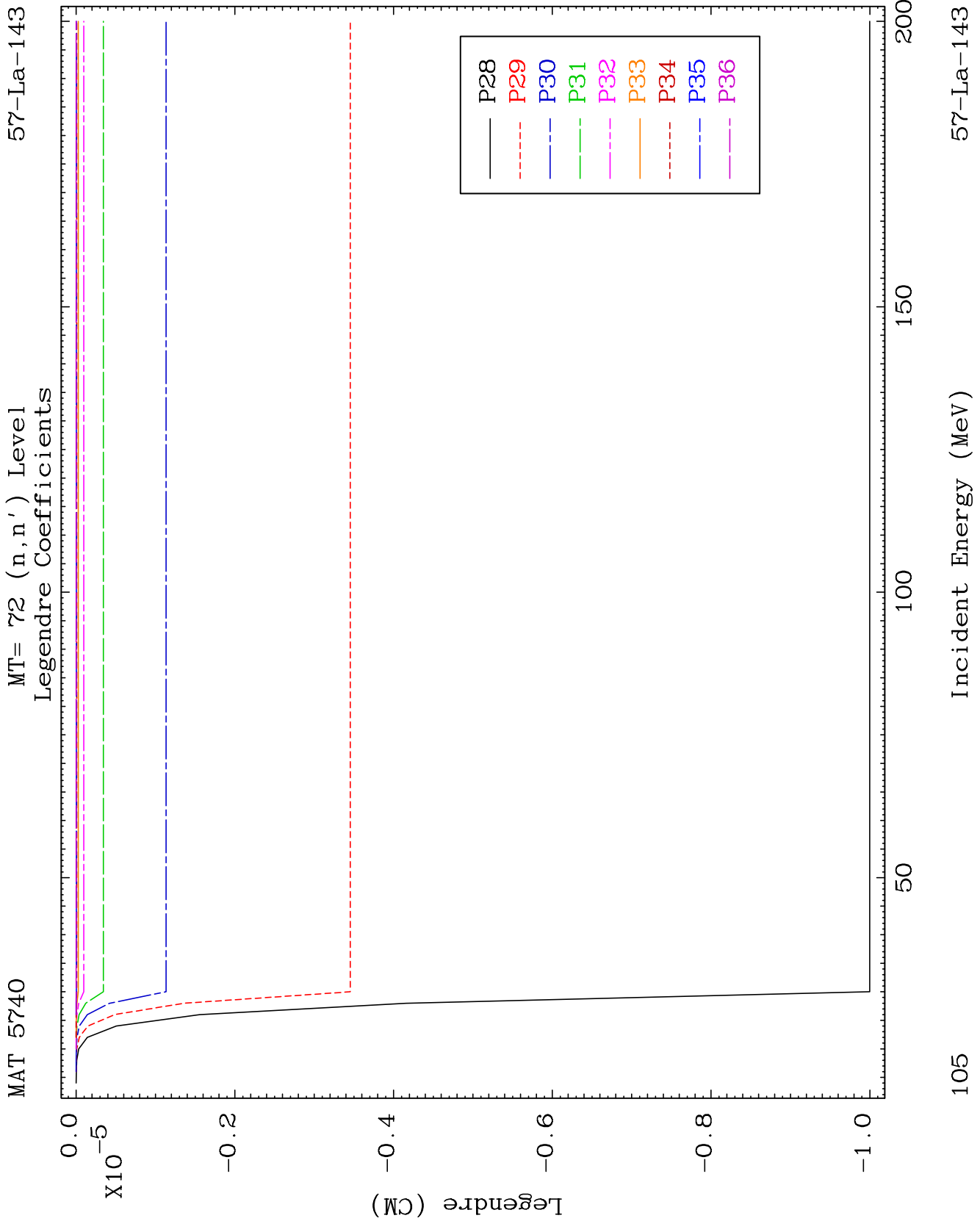
103

Incident Energy (MeV)

57-La-143



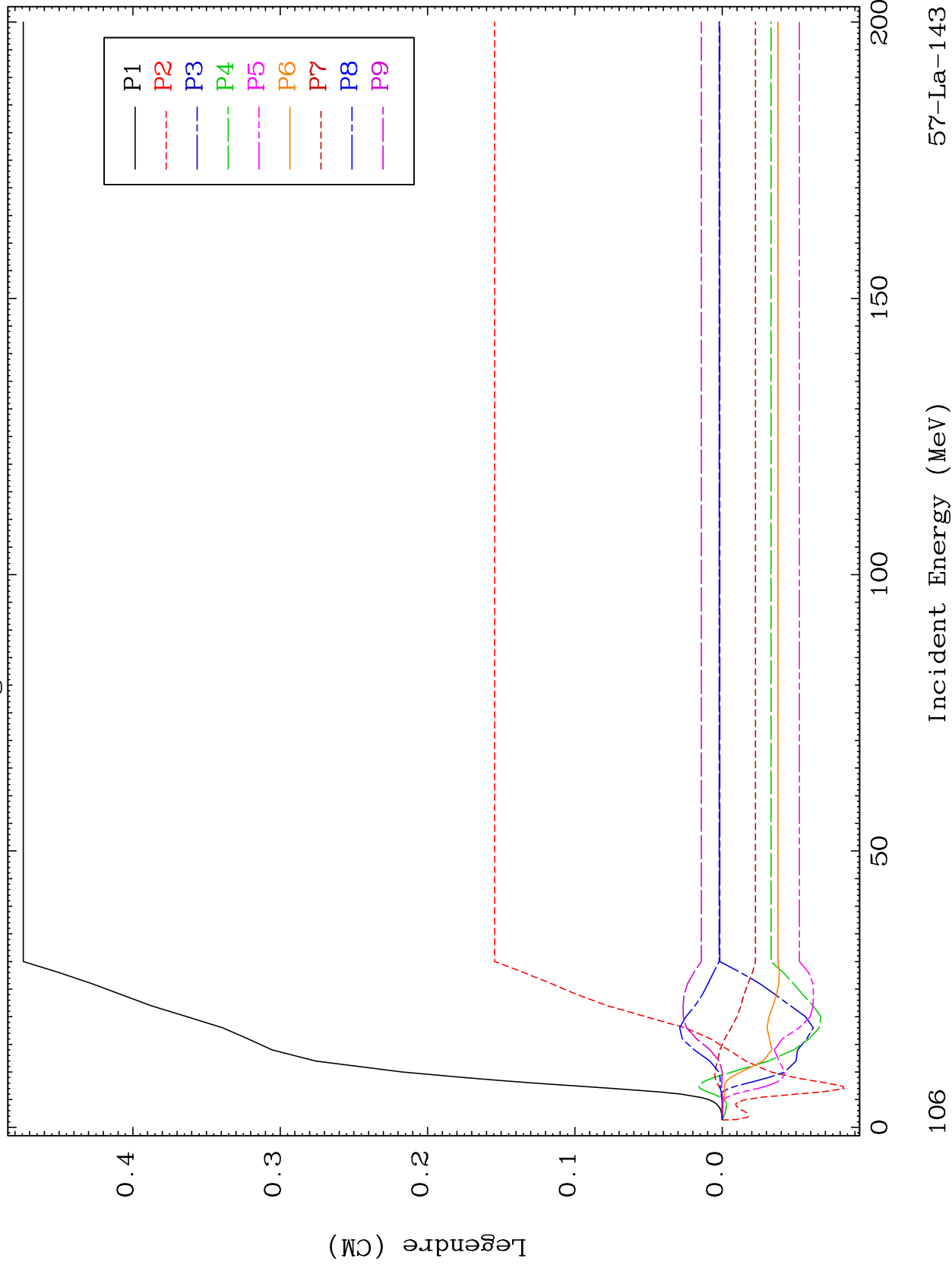




MAT 5740

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

57-La-143



57-La-143

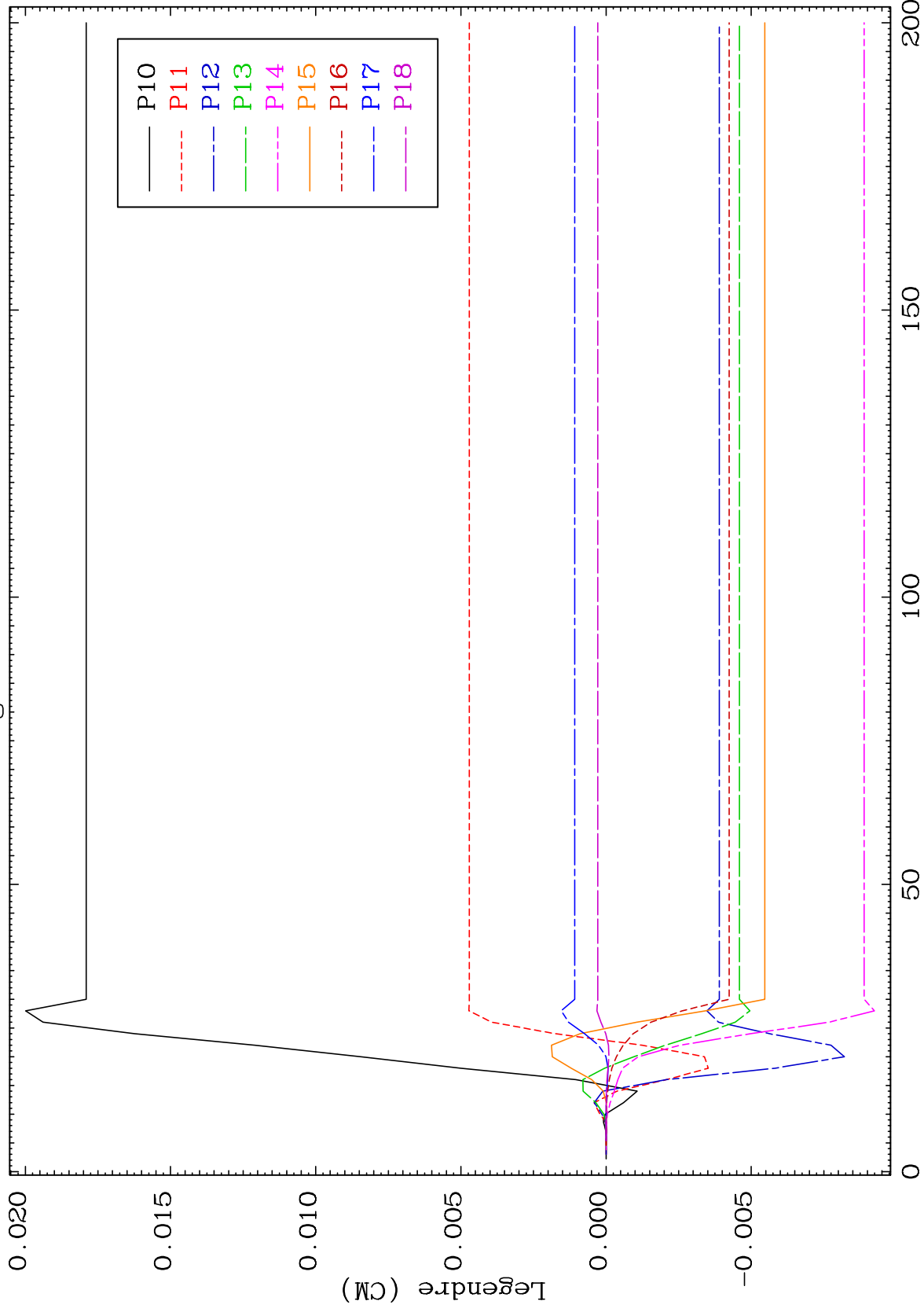
Incident Energy (MeV)

106

MAT 5740

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

57-La-143



107

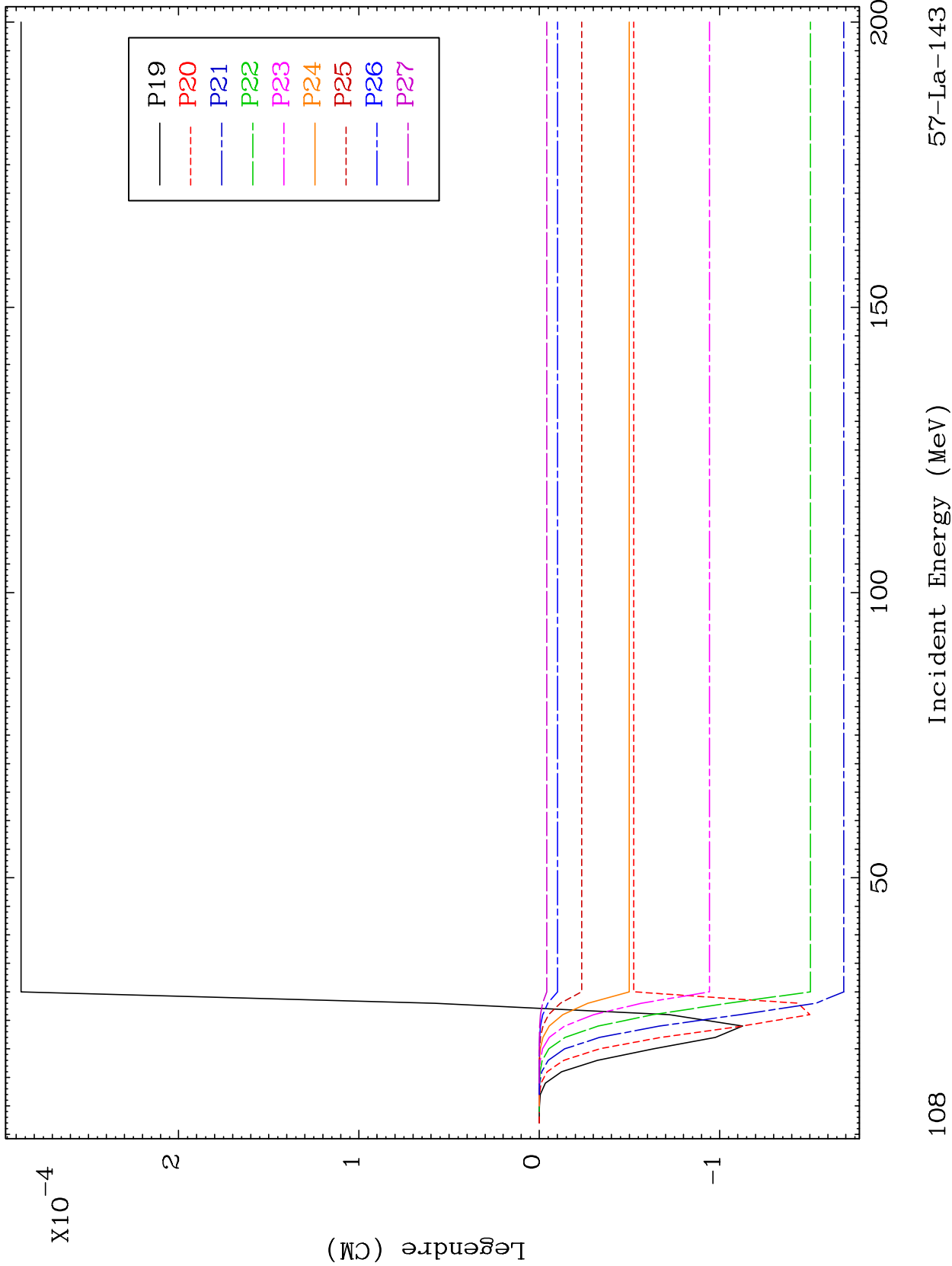
Incident Energy (MeV)

57-La-143

MAT 5740

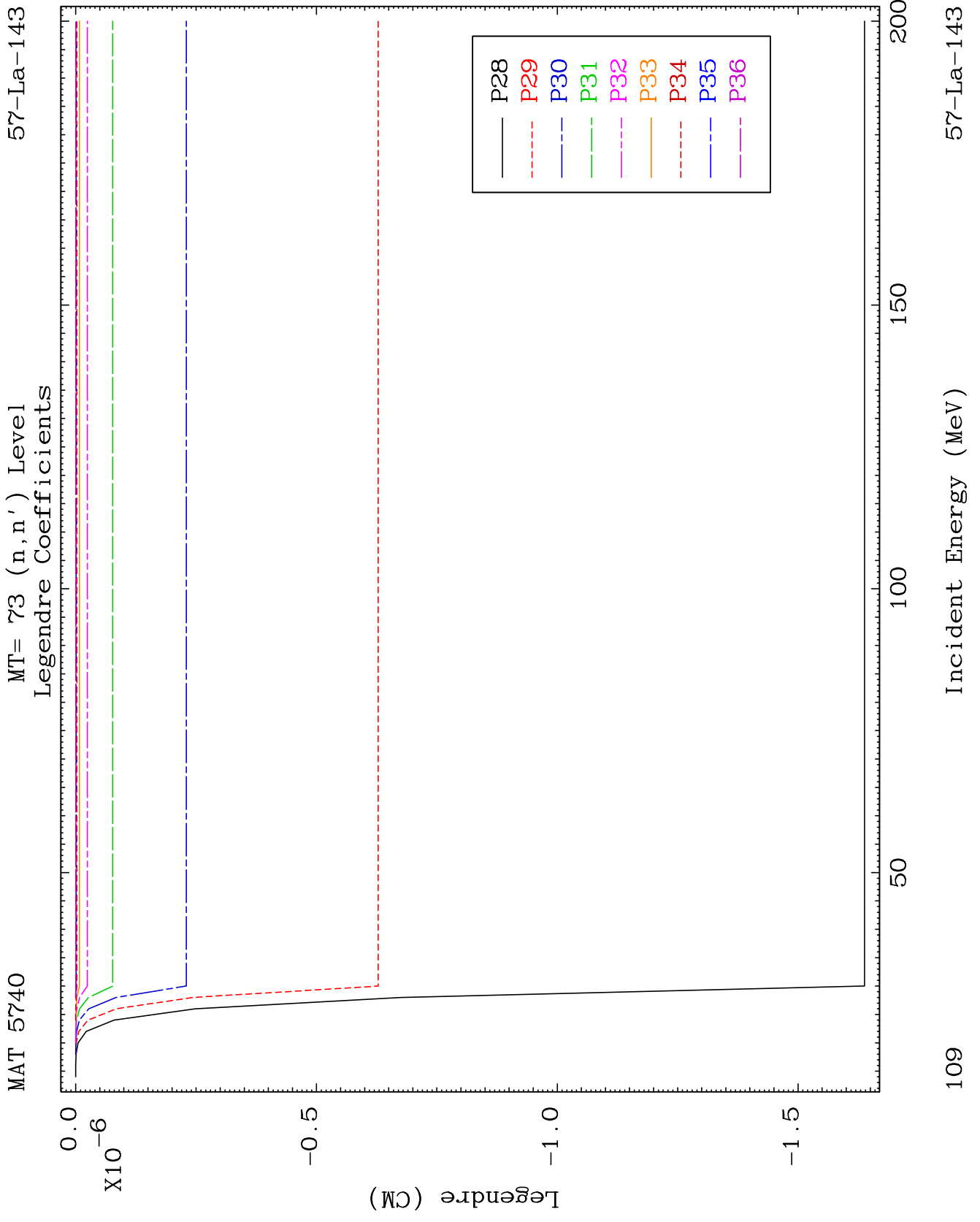
MT= 73 (n,n') Level  
Legendre Coefficients

57-La-143



108

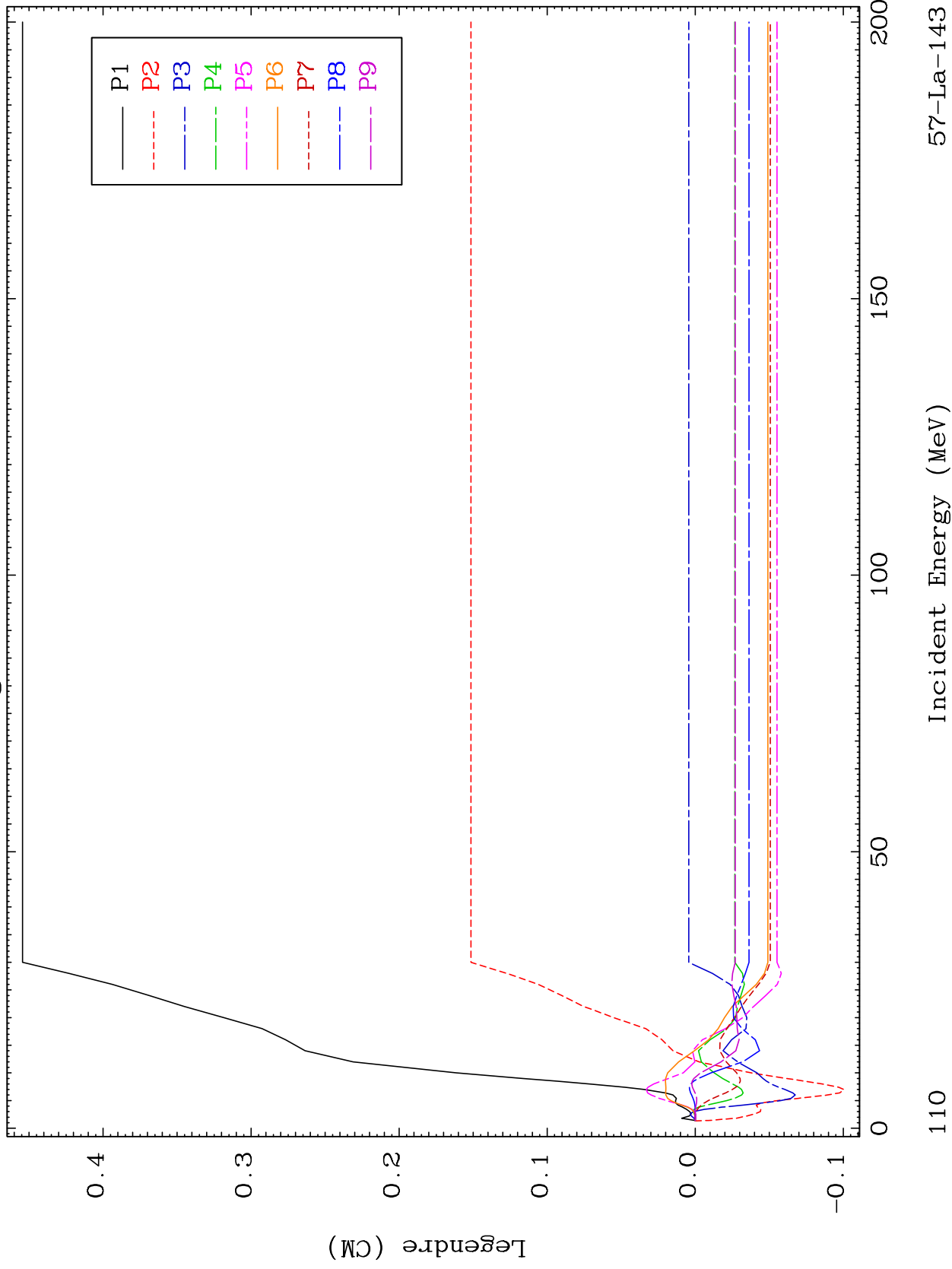
57-La-143



MAT 5740

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

57-La-143



57-La-143

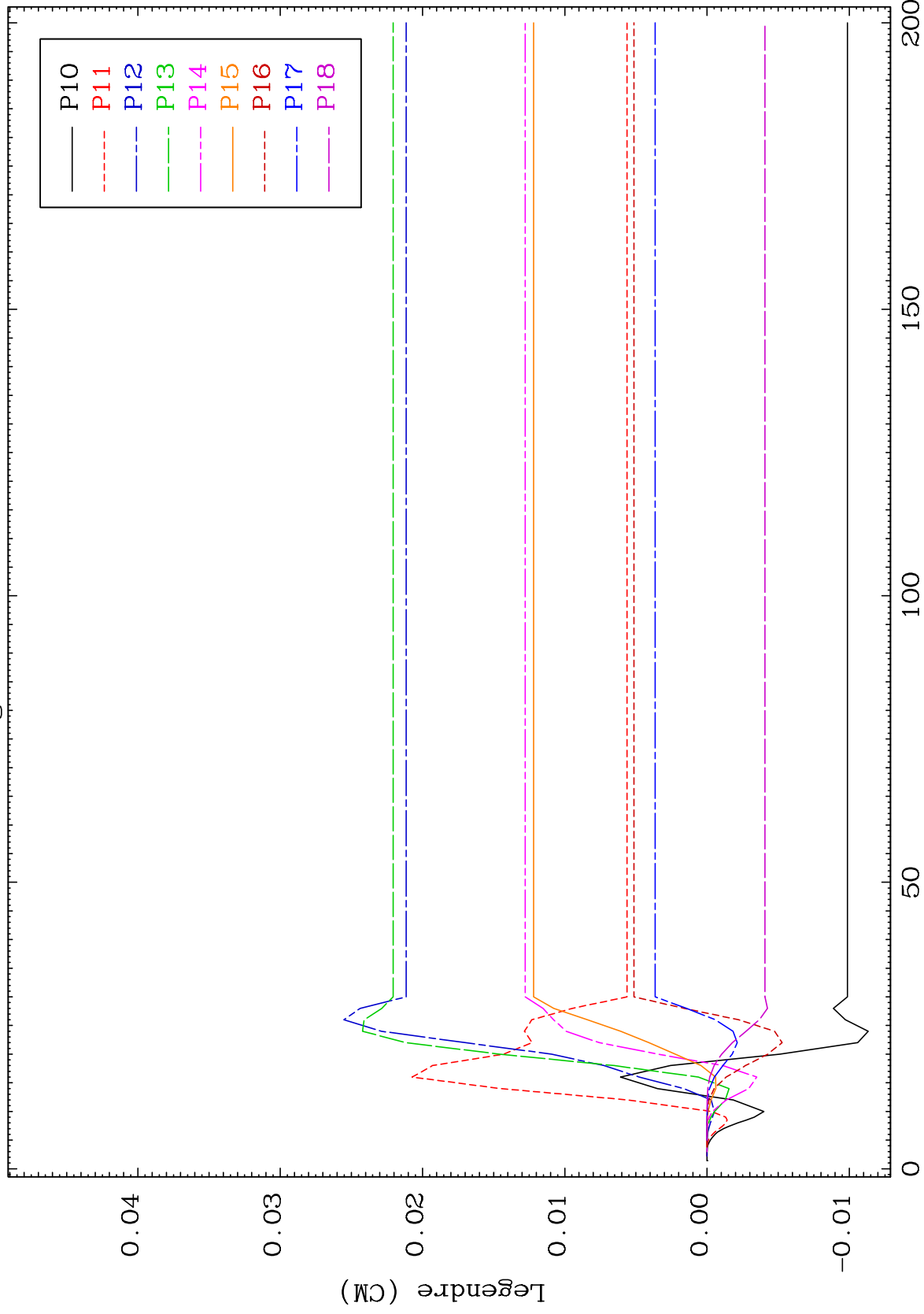
Incident Energy (MeV)

110

MAT 5740

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

57-La-143



111

Incident Energy (MeV)

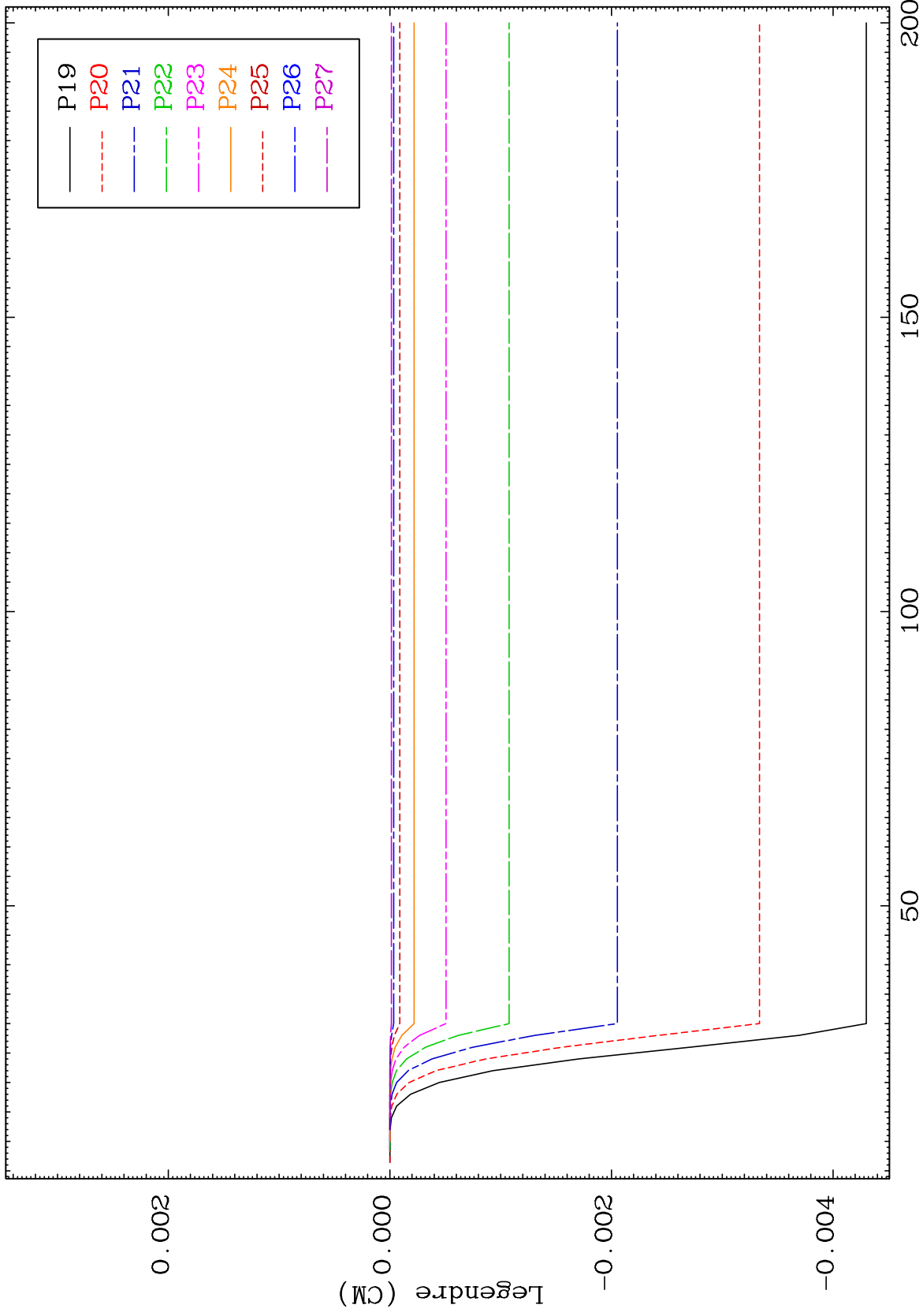
57-La-143



MAT 5740

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

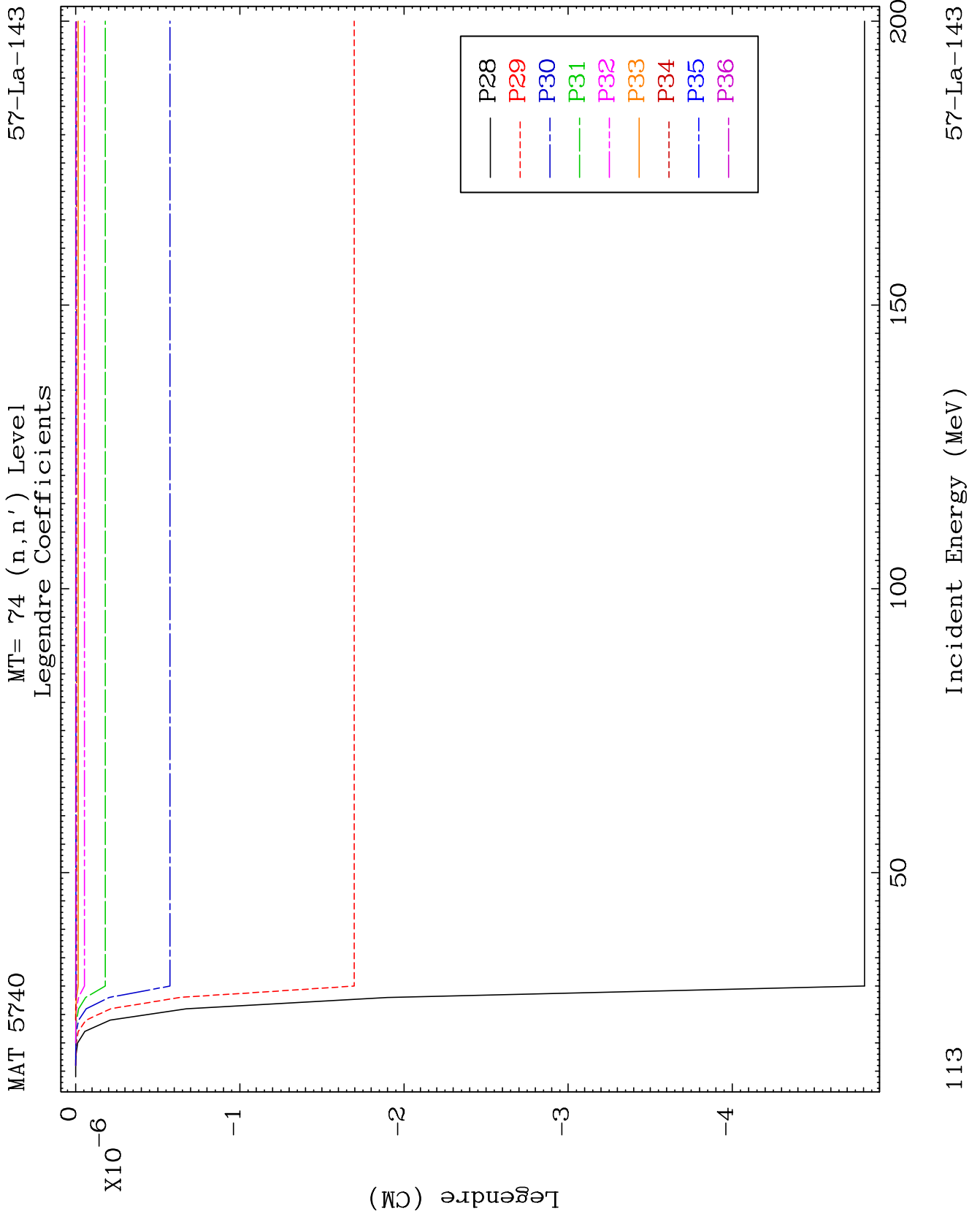
57-La-143



112

Incident Energy (MeV)

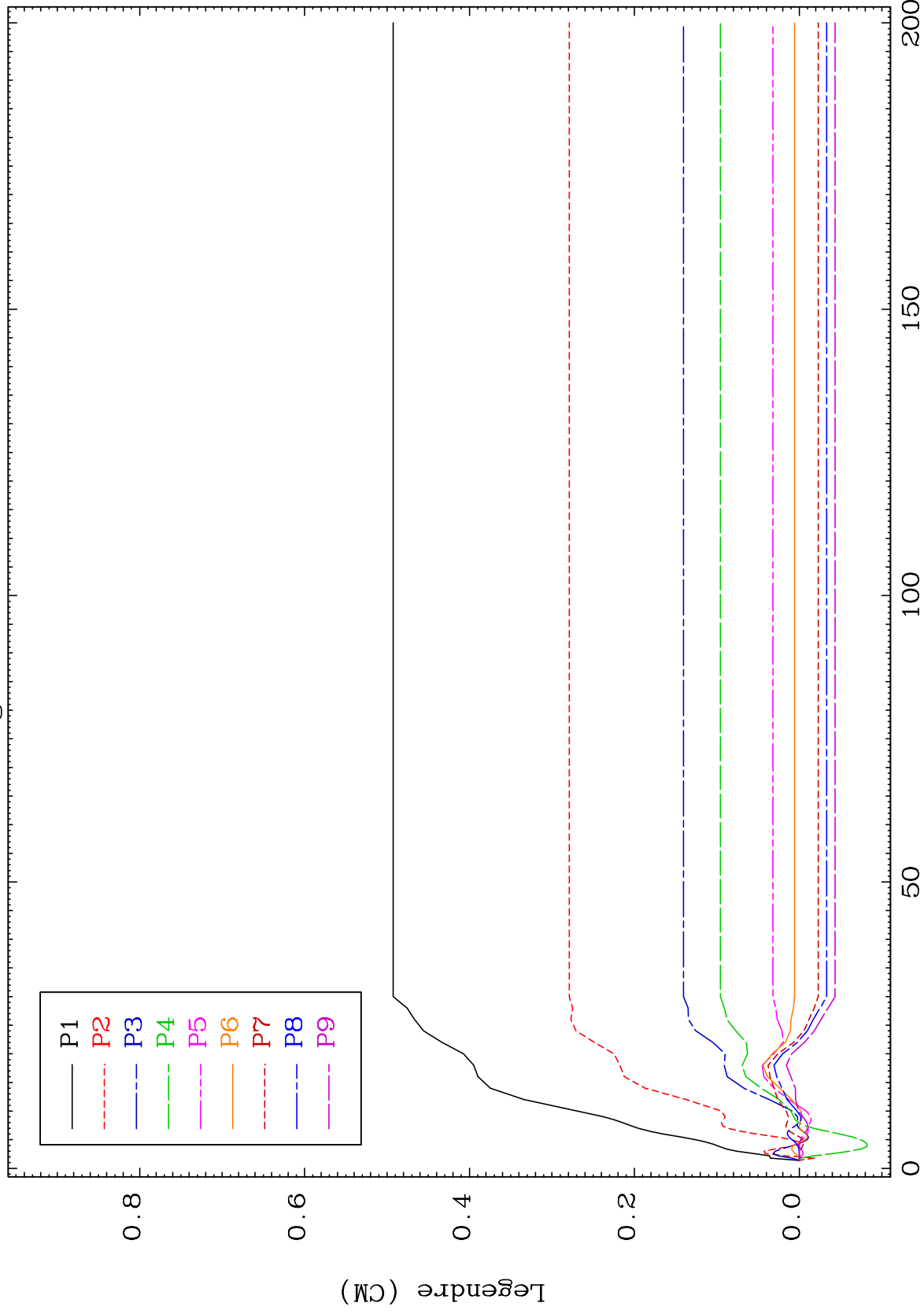
57-La-143



MAT 5740

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

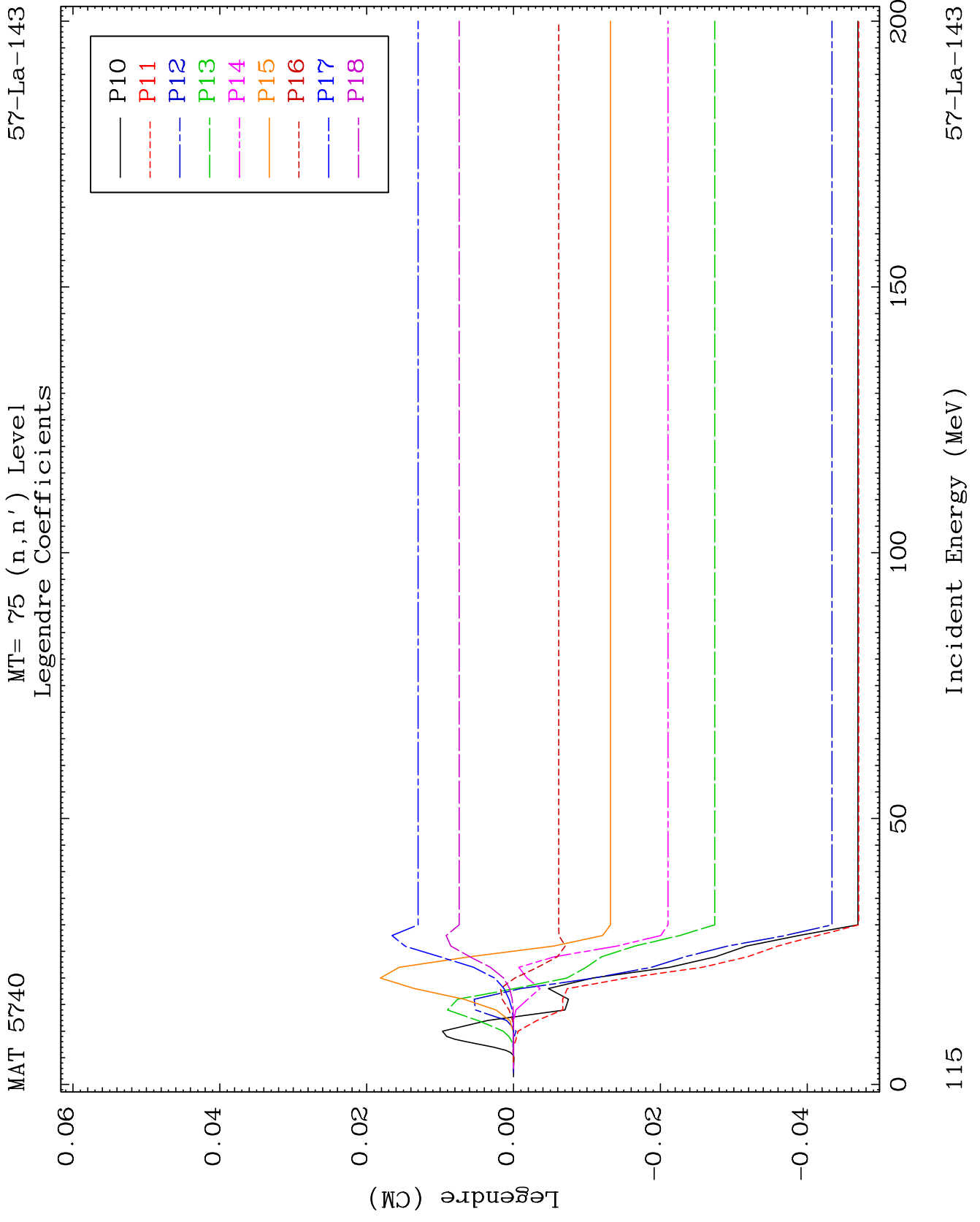
57-La-143



114

Incident Energy (MeV)

57-La-143



57-La-143

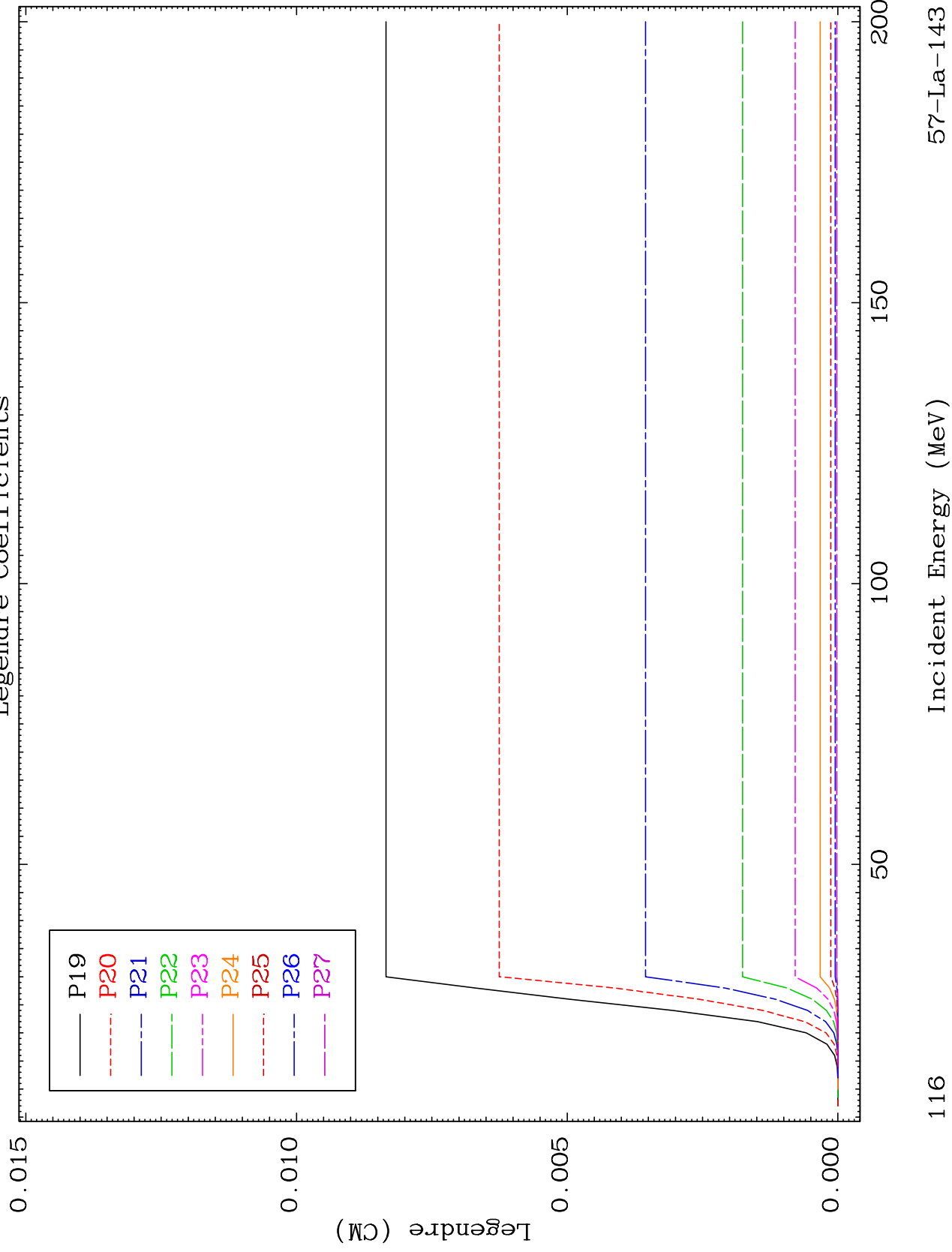
Incident Energy (MeV)

115

MAT 5740

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

57-La-143



116

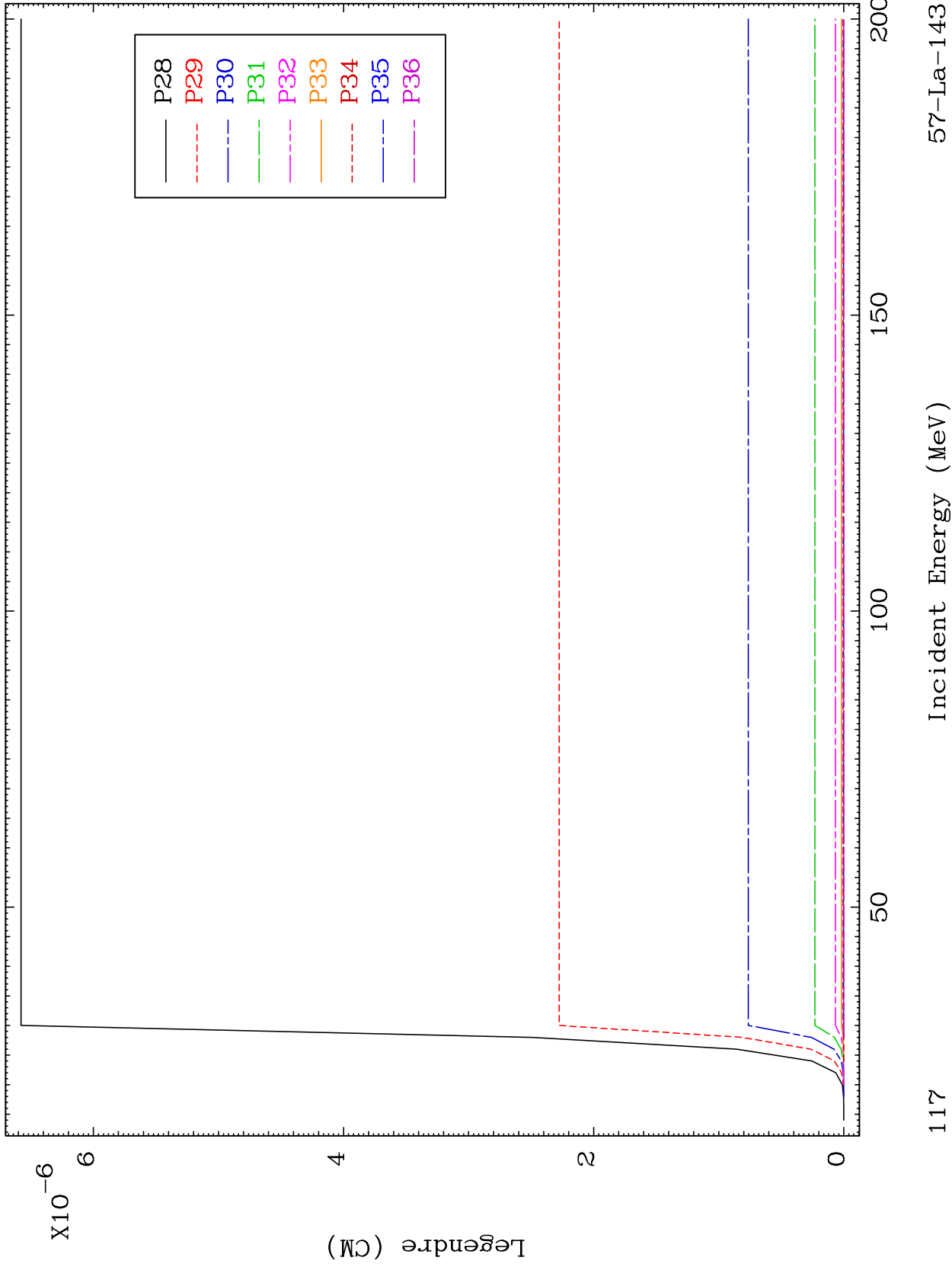
Incident Energy (MeV)

57-La-143

MAT 5740

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

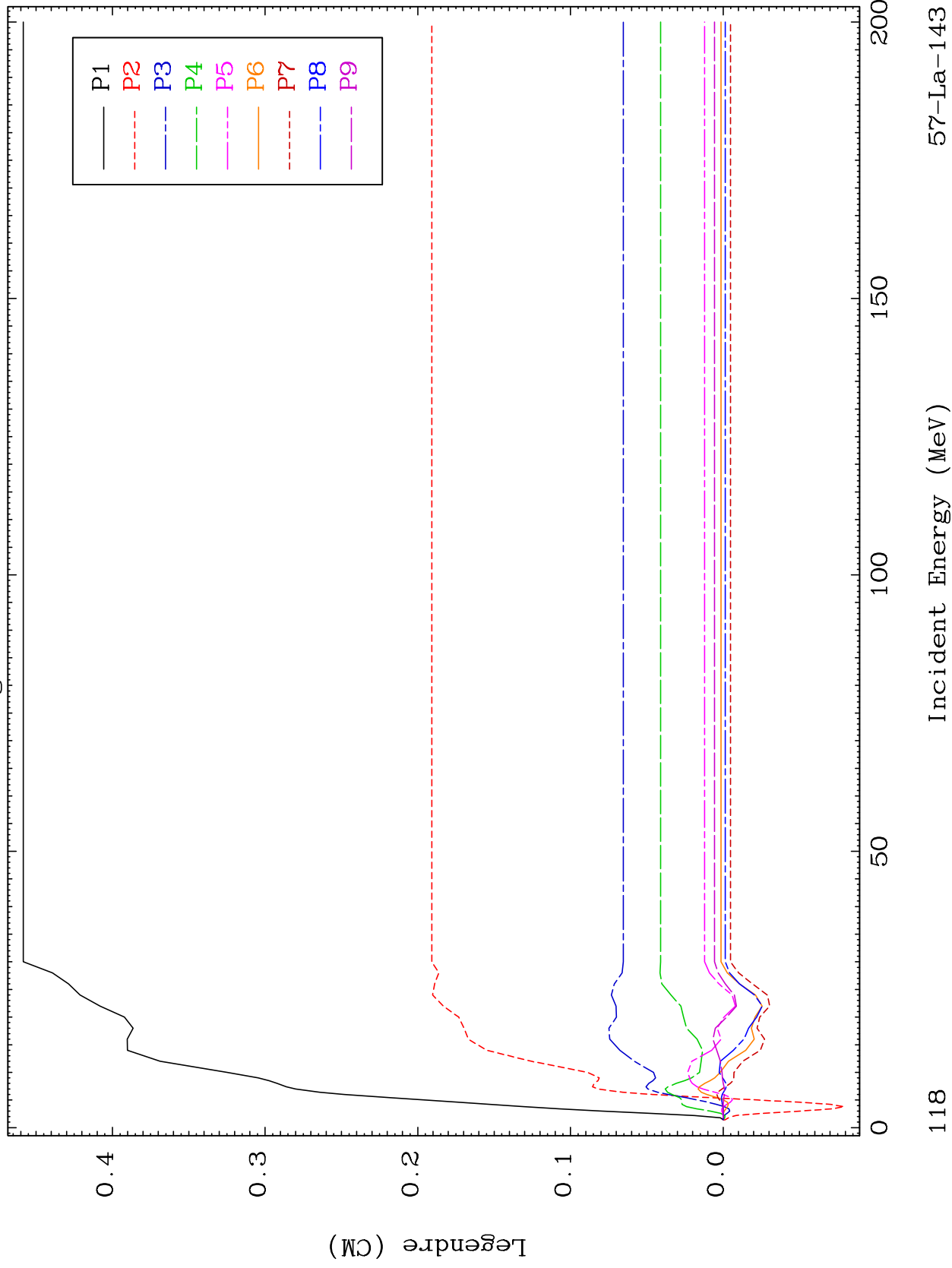
57-La-143



MAT 5740

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

57-La-143



57-La-143

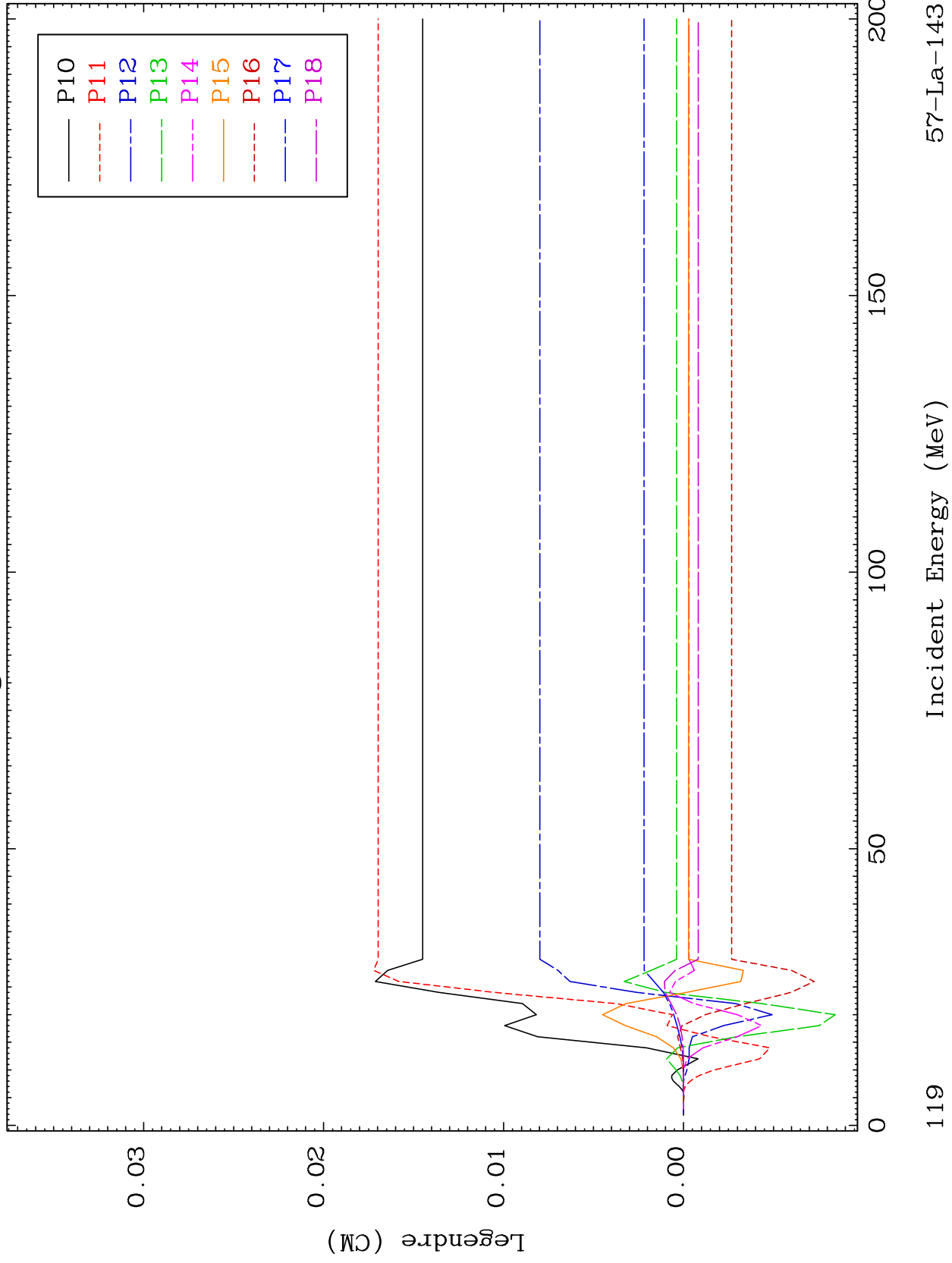
Incident Energy (MeV)

118

MAT 5740

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

57-La-143



57-La-143

Incident Energy (MeV)

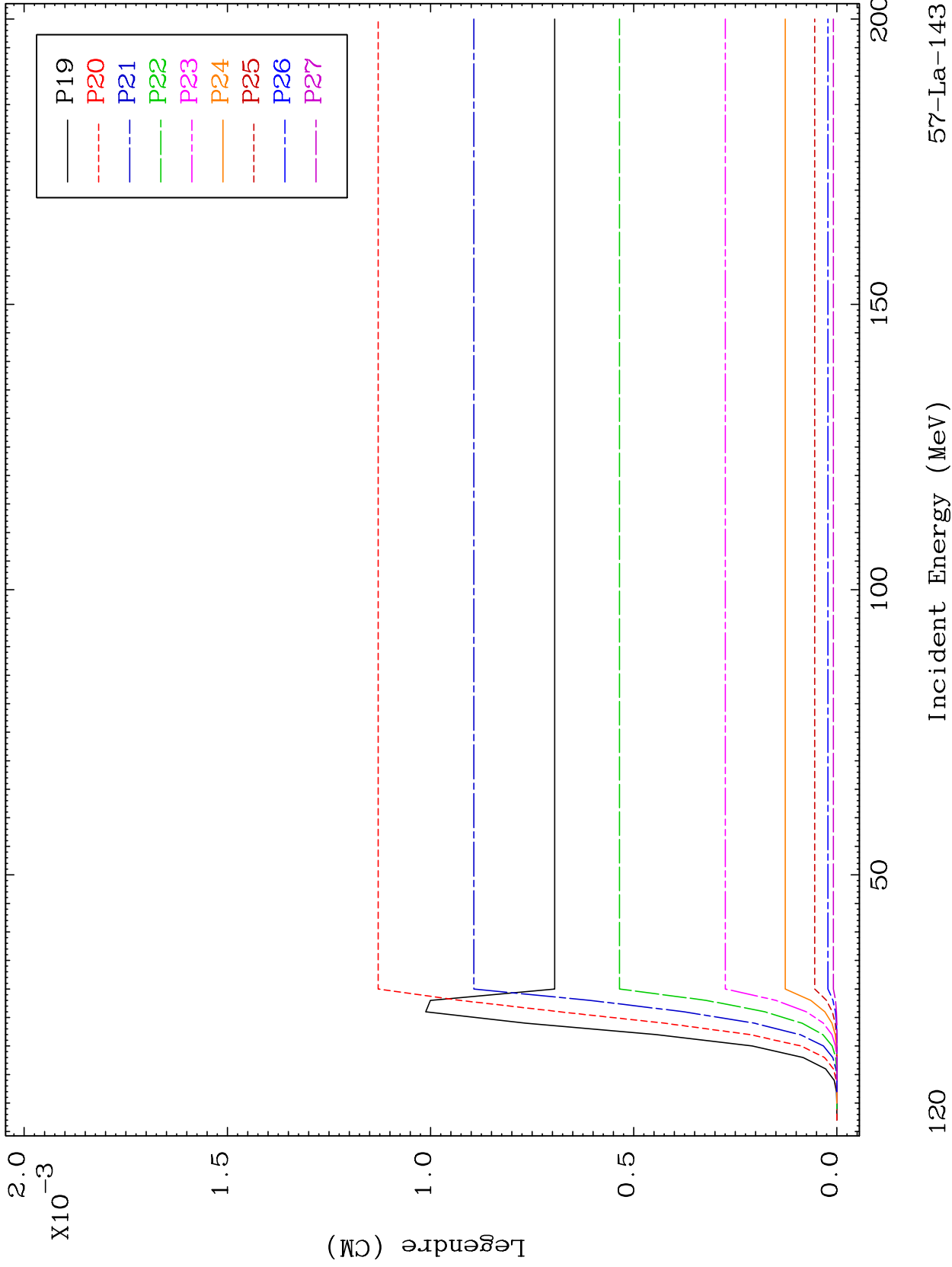
119



MAT 5740

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

57-La-143



120

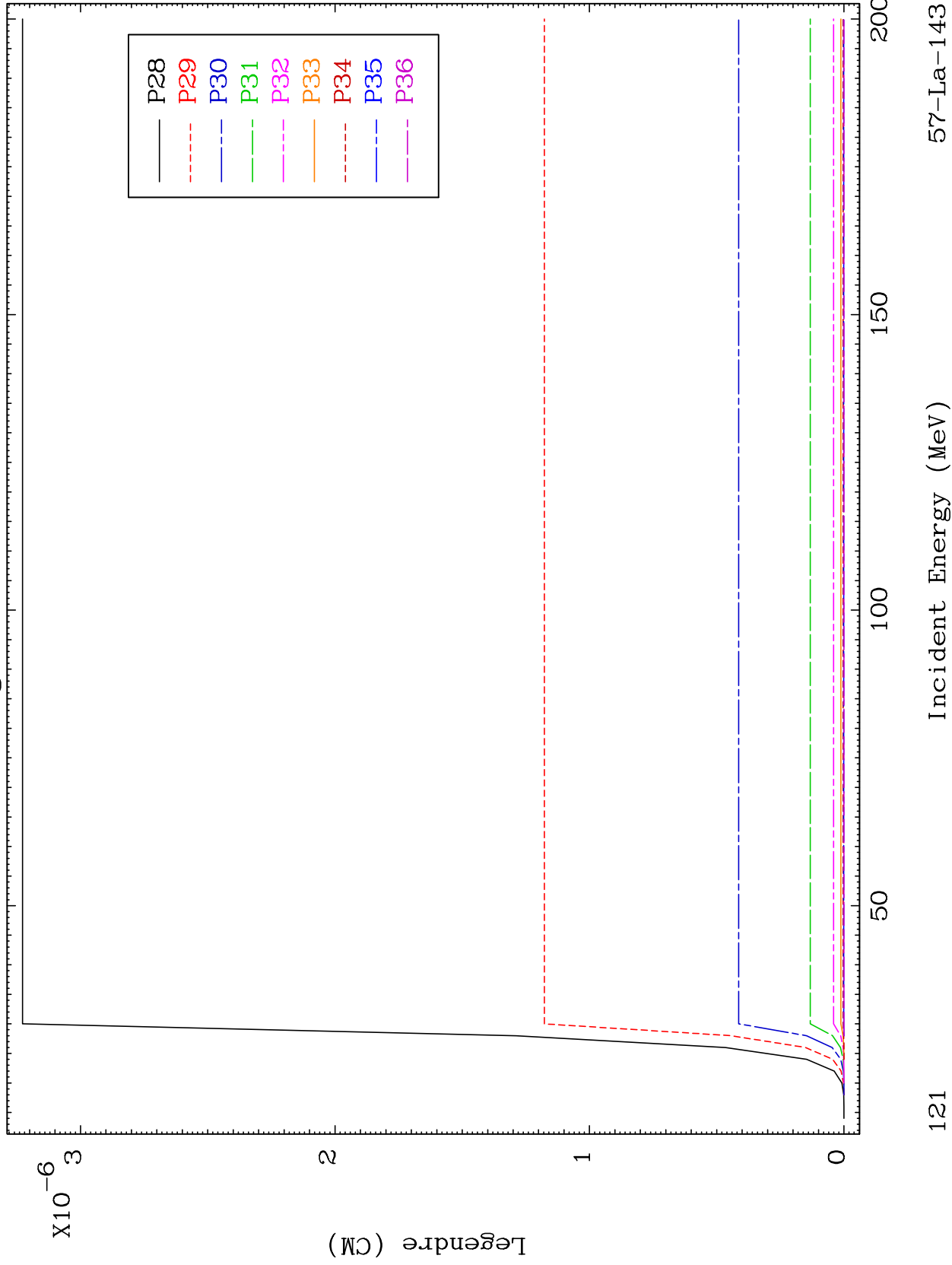
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



121

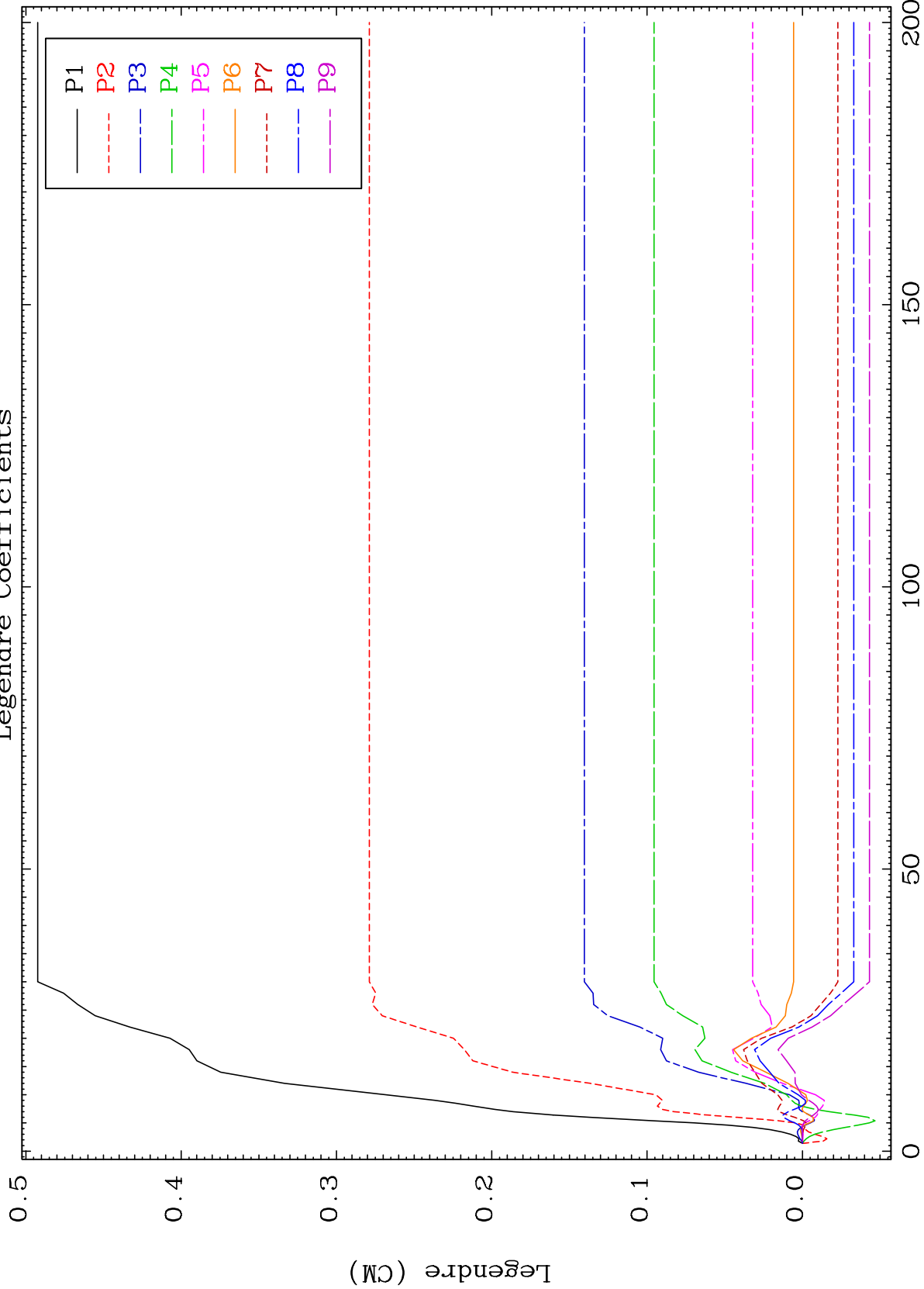
57-La-143

MAT 5740

MT= 77 (n,n') Level

57-La-143

Legendre Coefficients



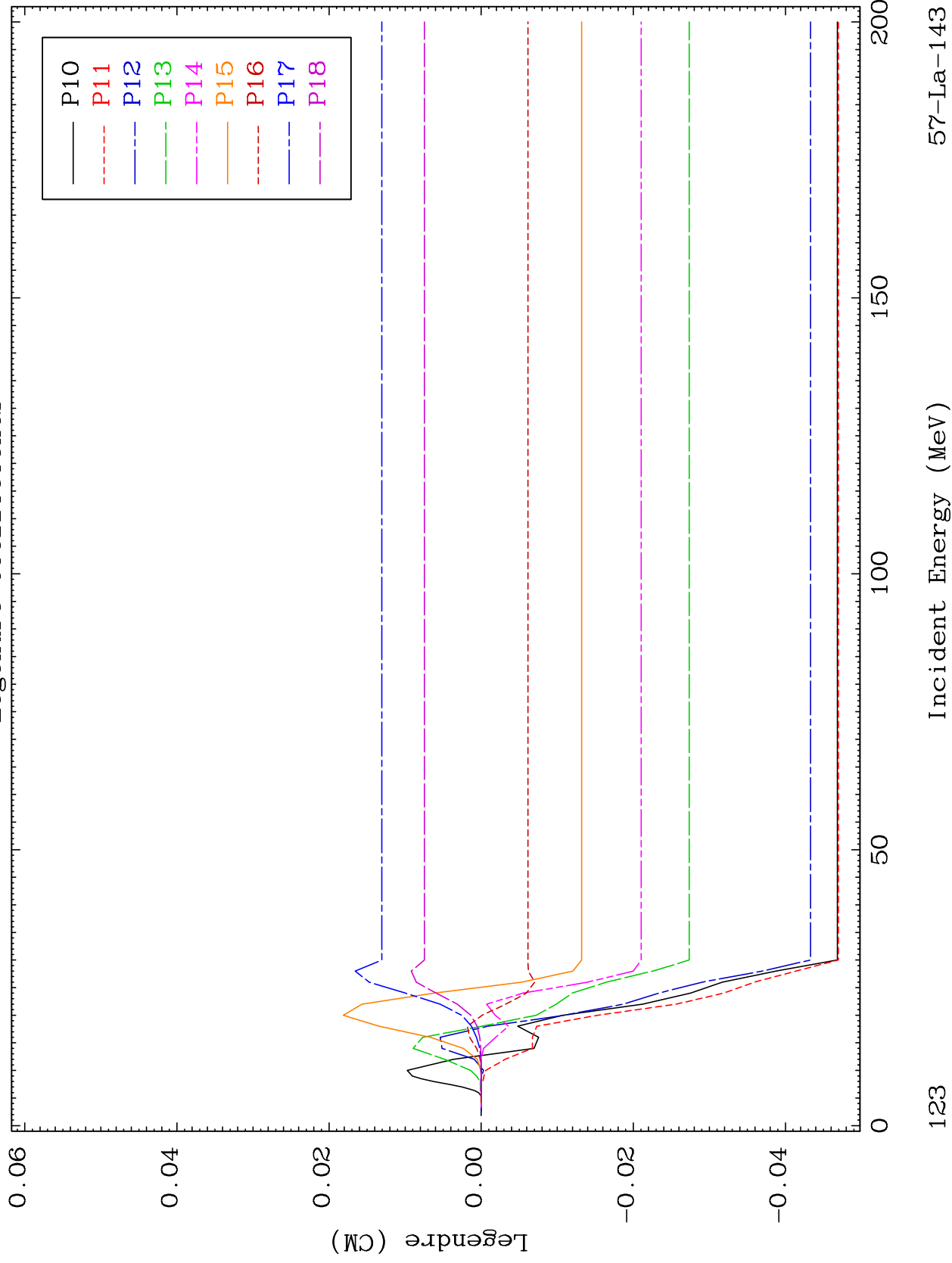
122

57-La-143

MAT 5740

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

57-La-143



123

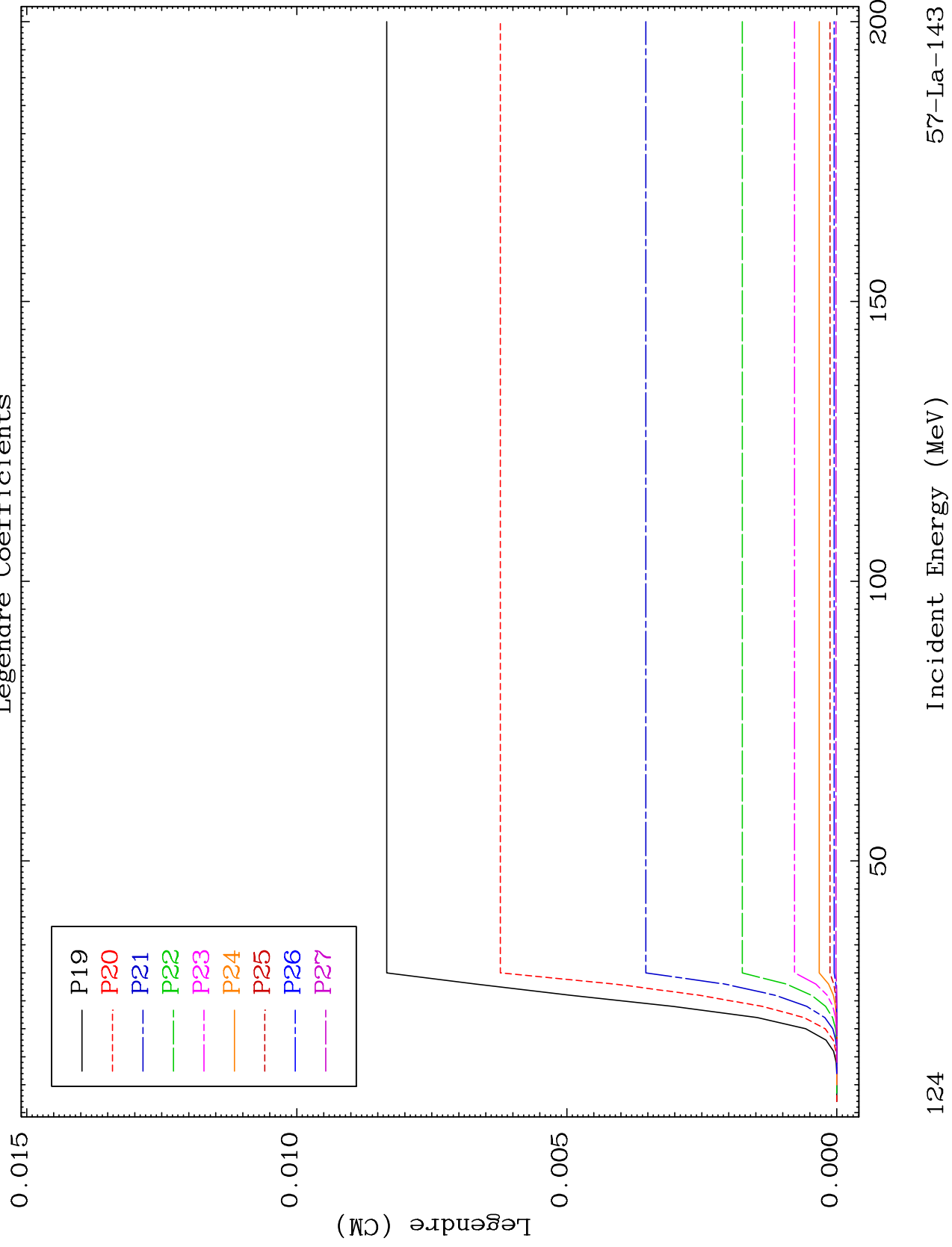
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



124

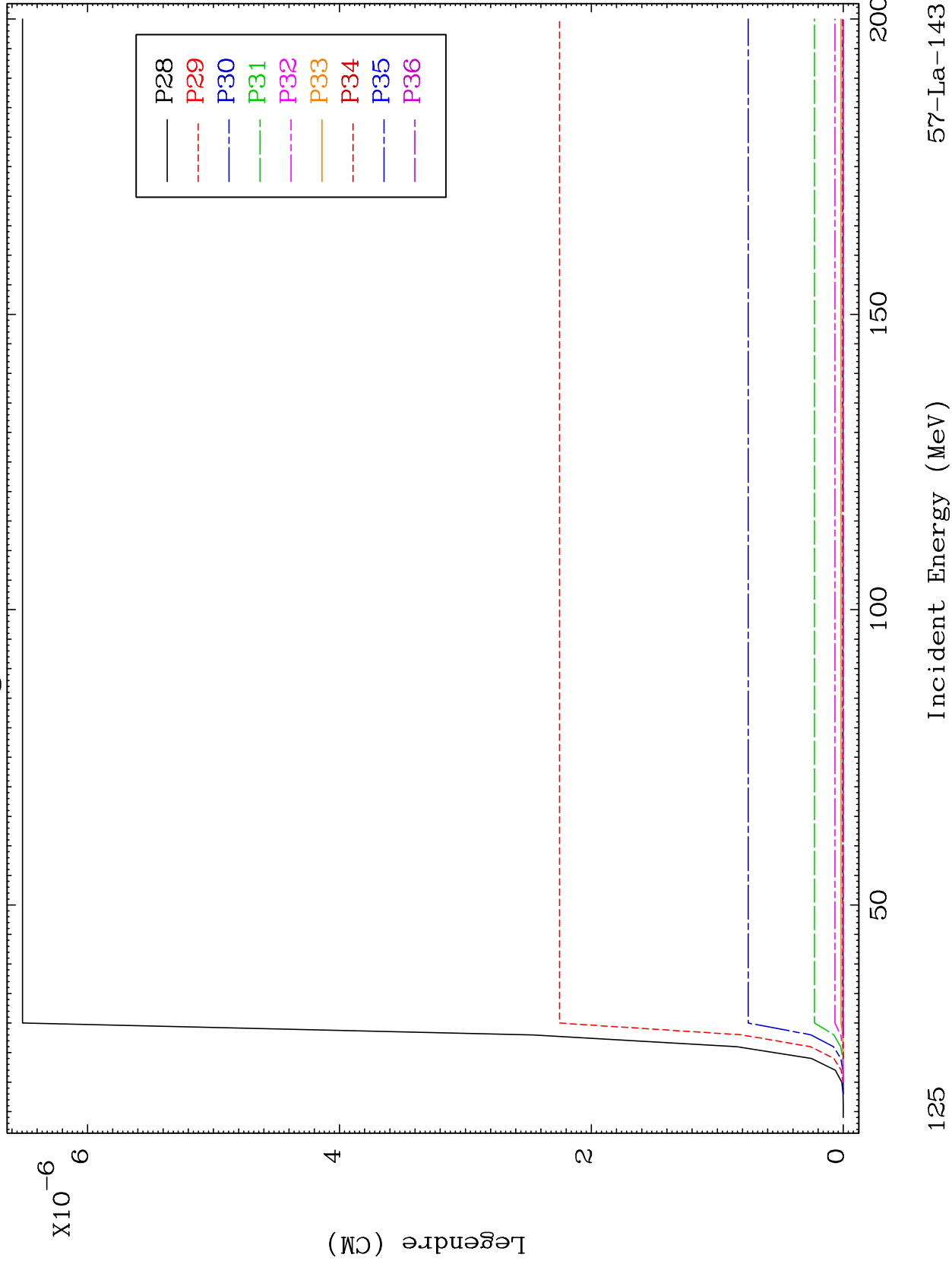
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



125

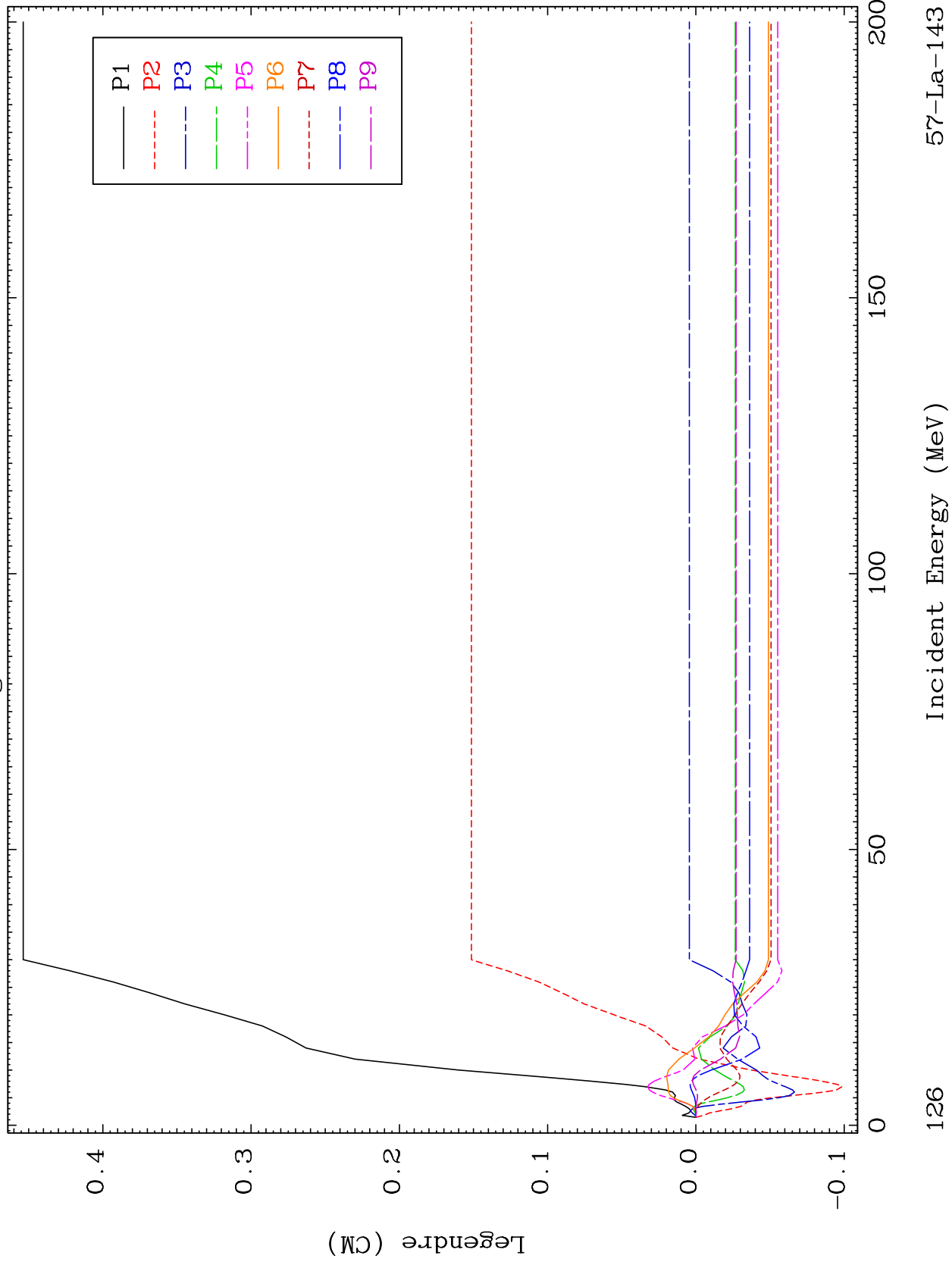
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

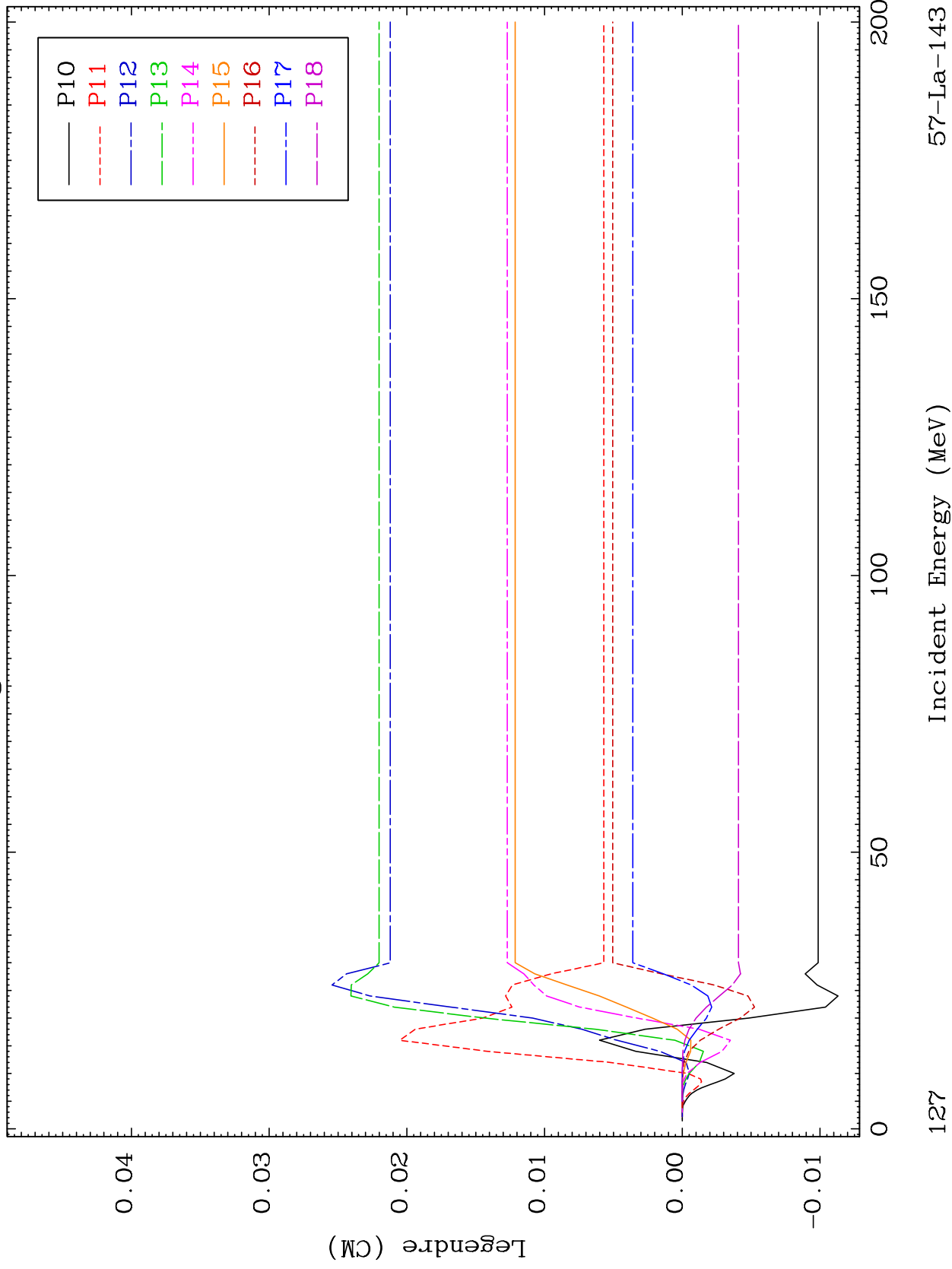
Incident Energy (MeV)

126

MAT 5740

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

57-La-143



127

Incident Energy (MeV)

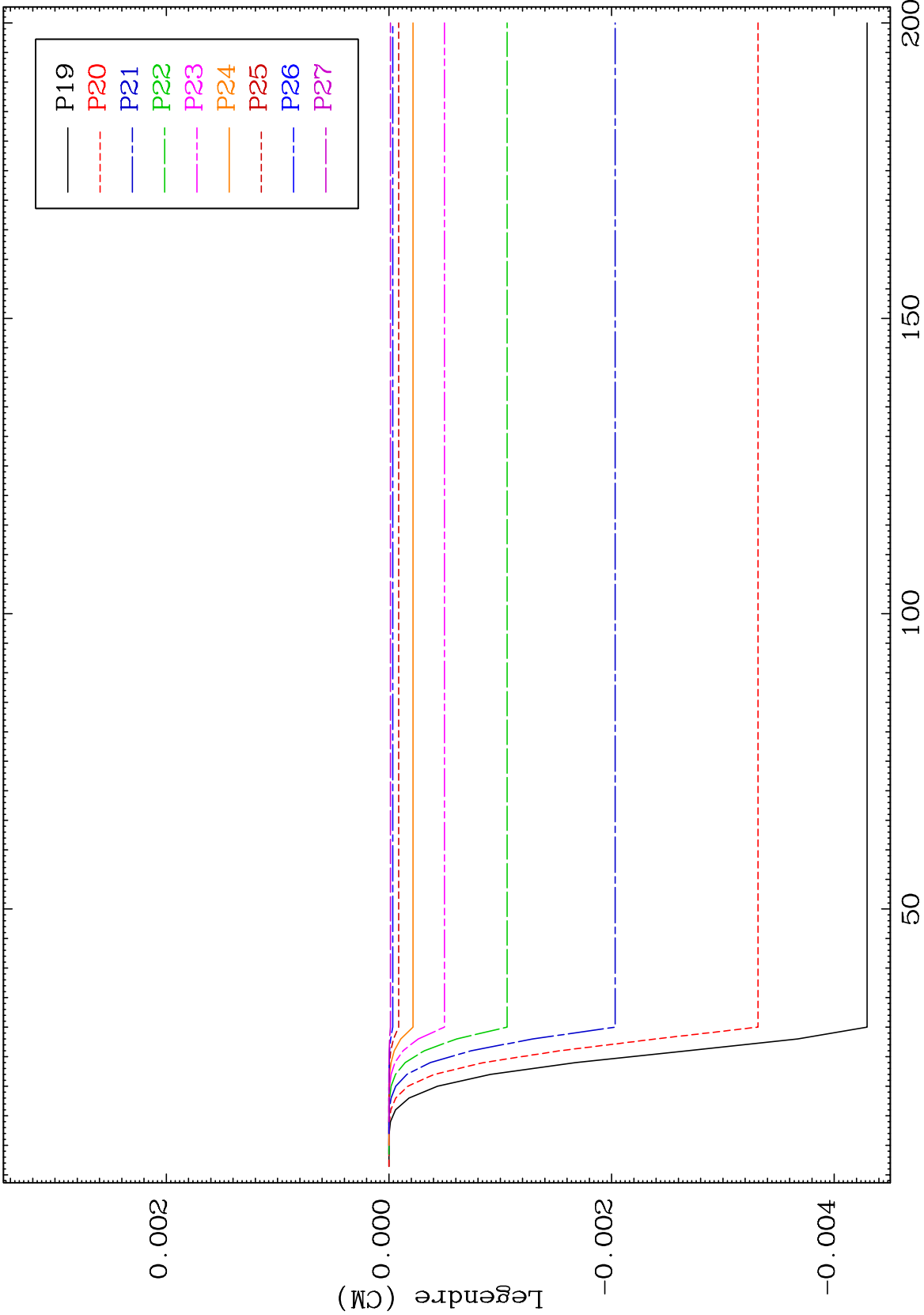
57-La-143



MAT 5740

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

57-La-143



128

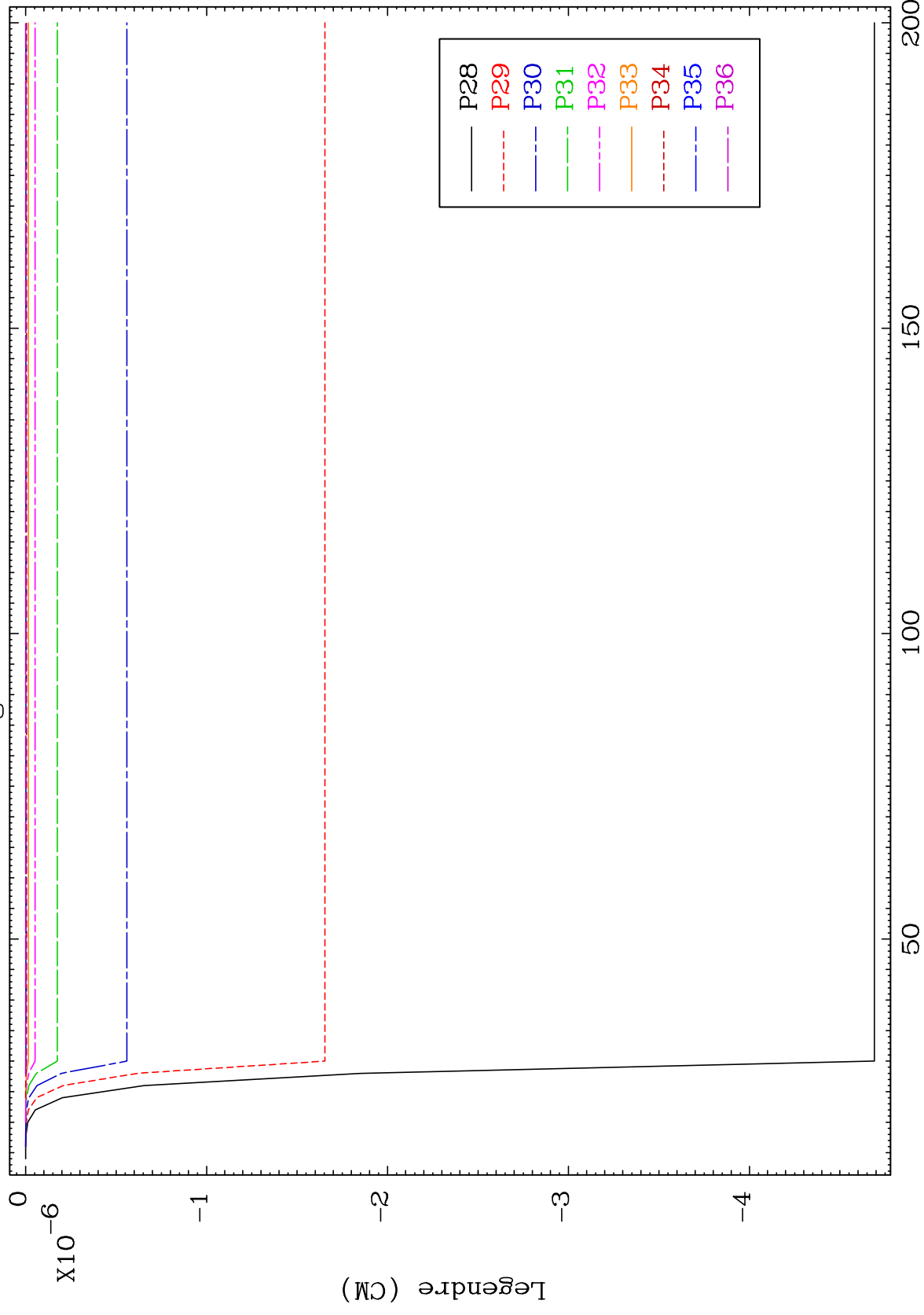
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



129

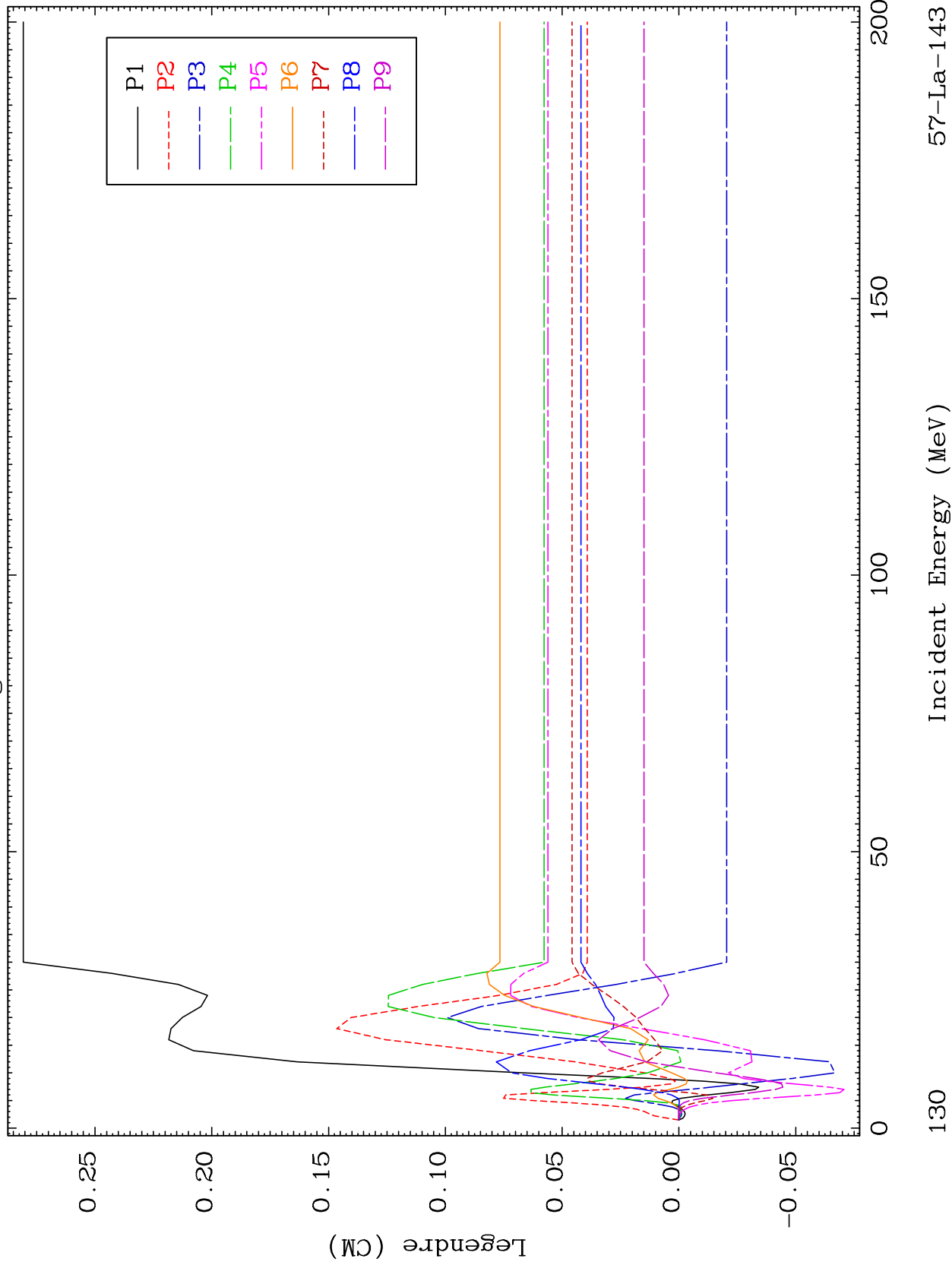
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

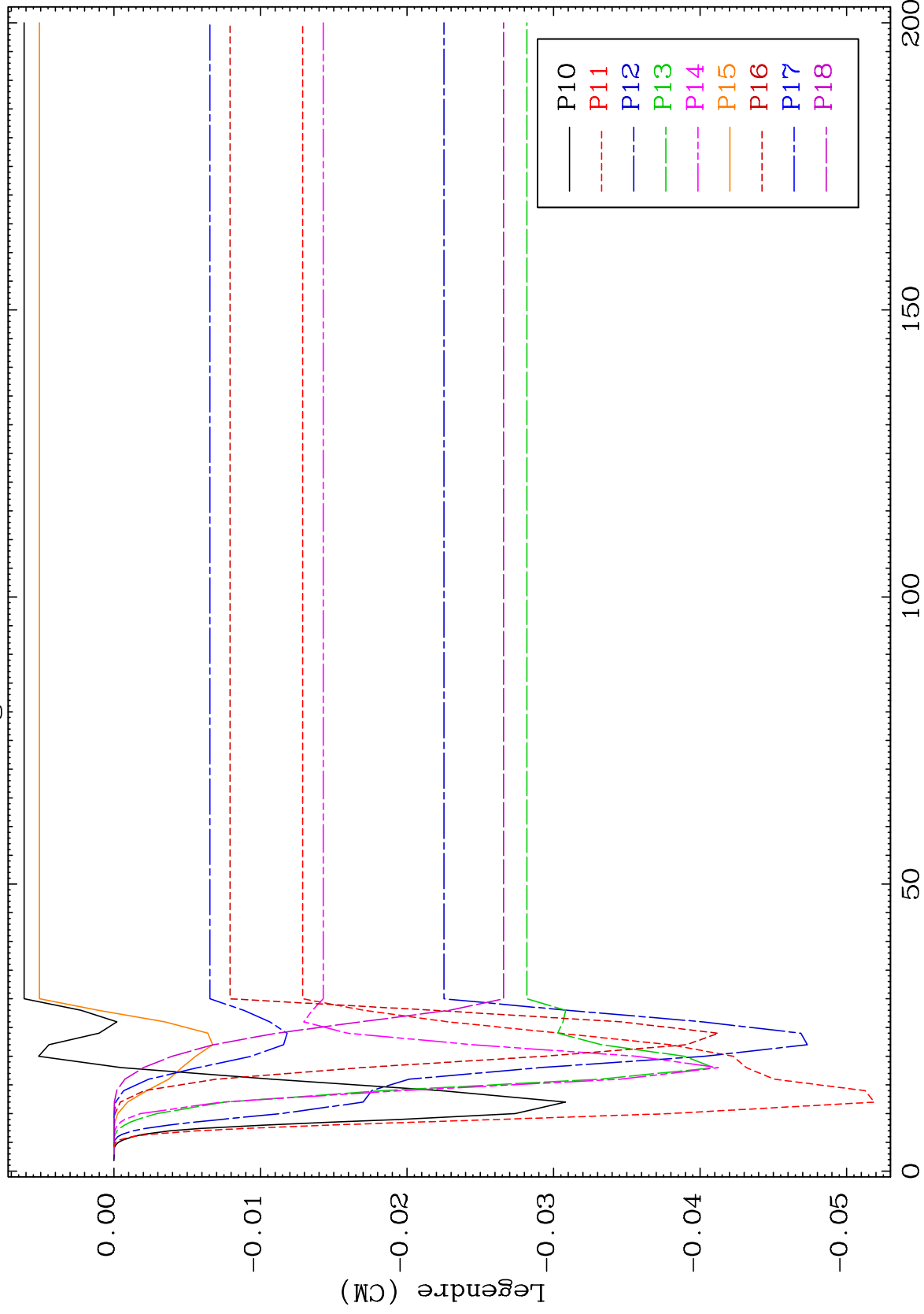
Incident Energy (MeV)

130

MAT 5740

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

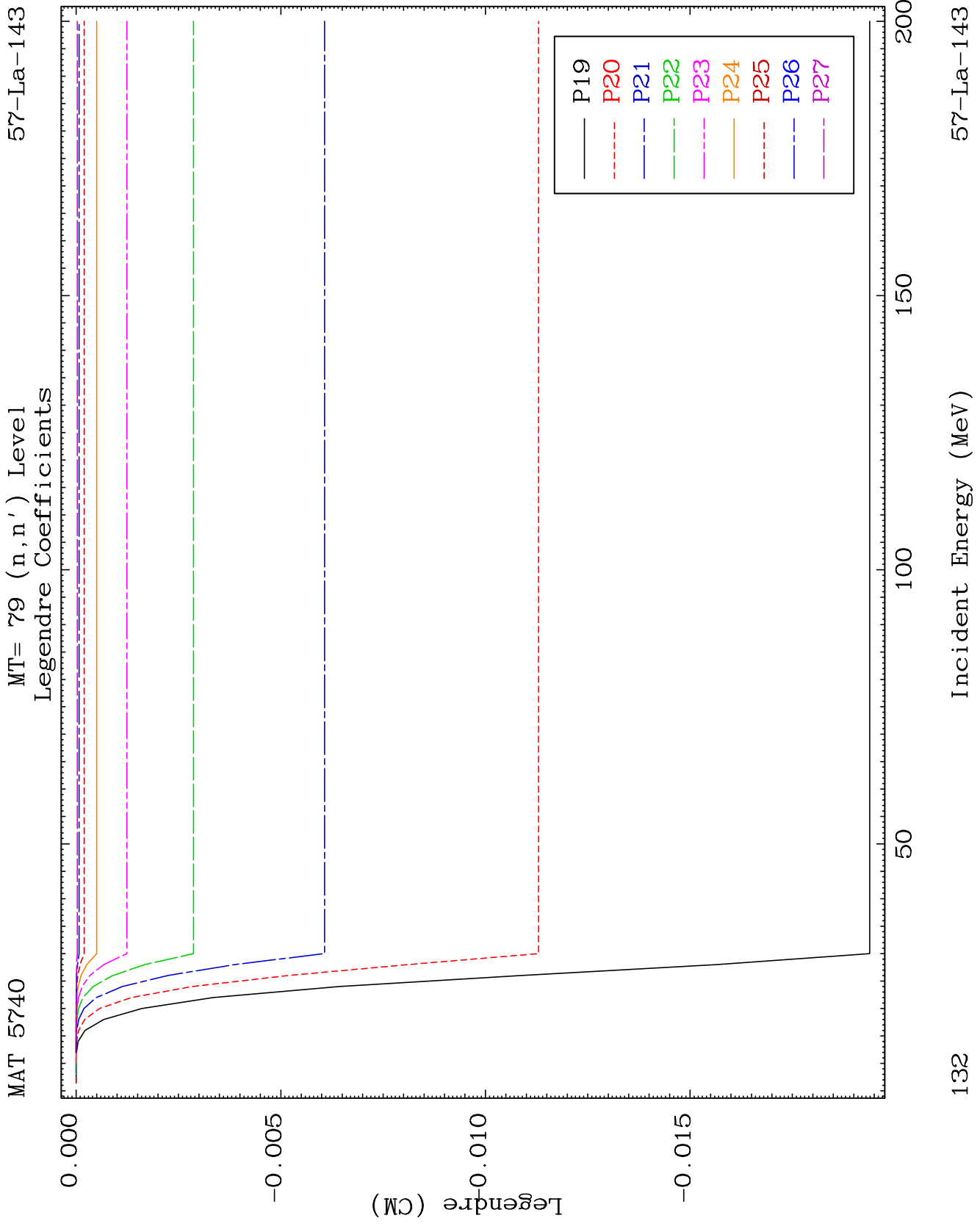
57-La-143

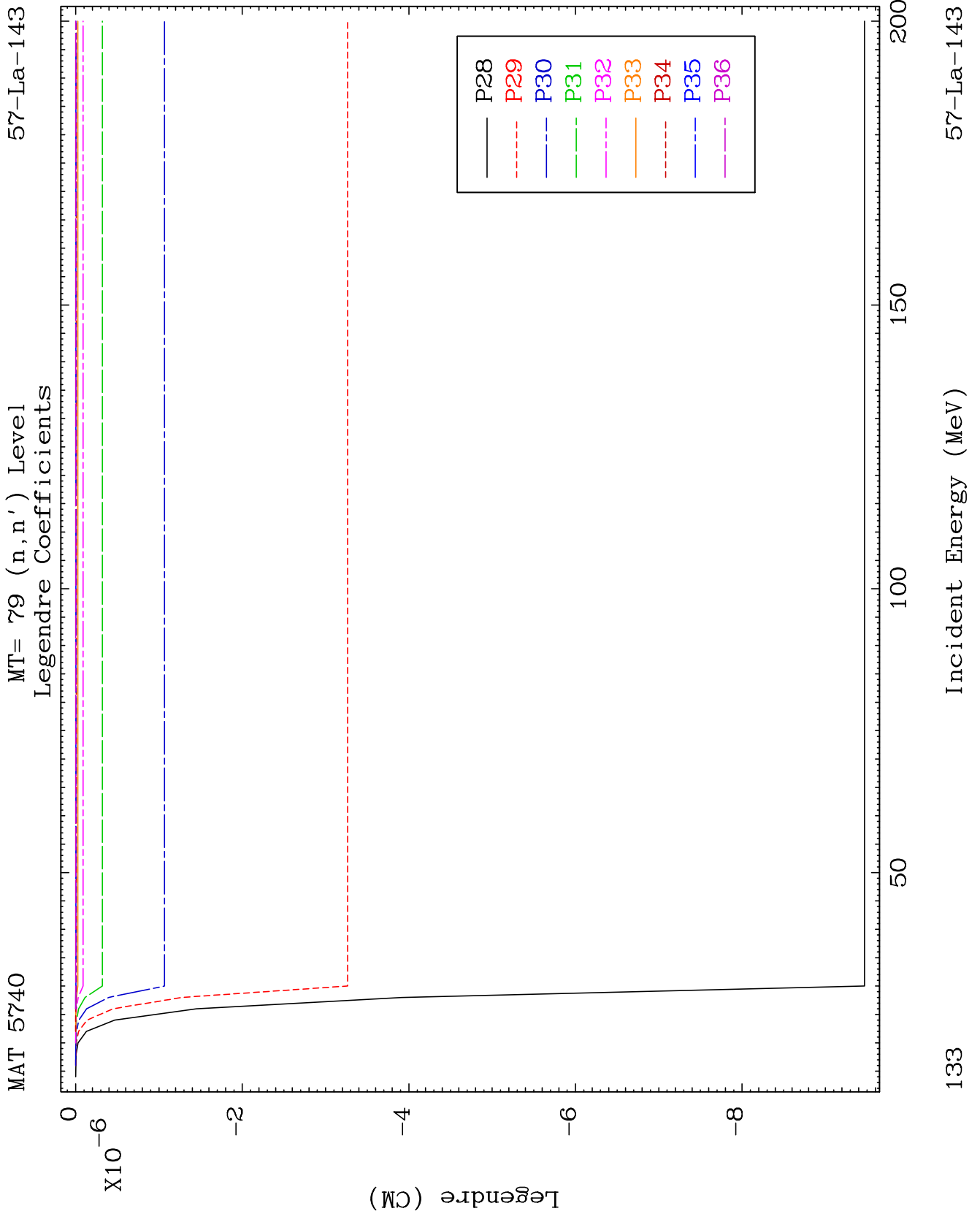


131

Incident Energy (MeV)

57-La-143

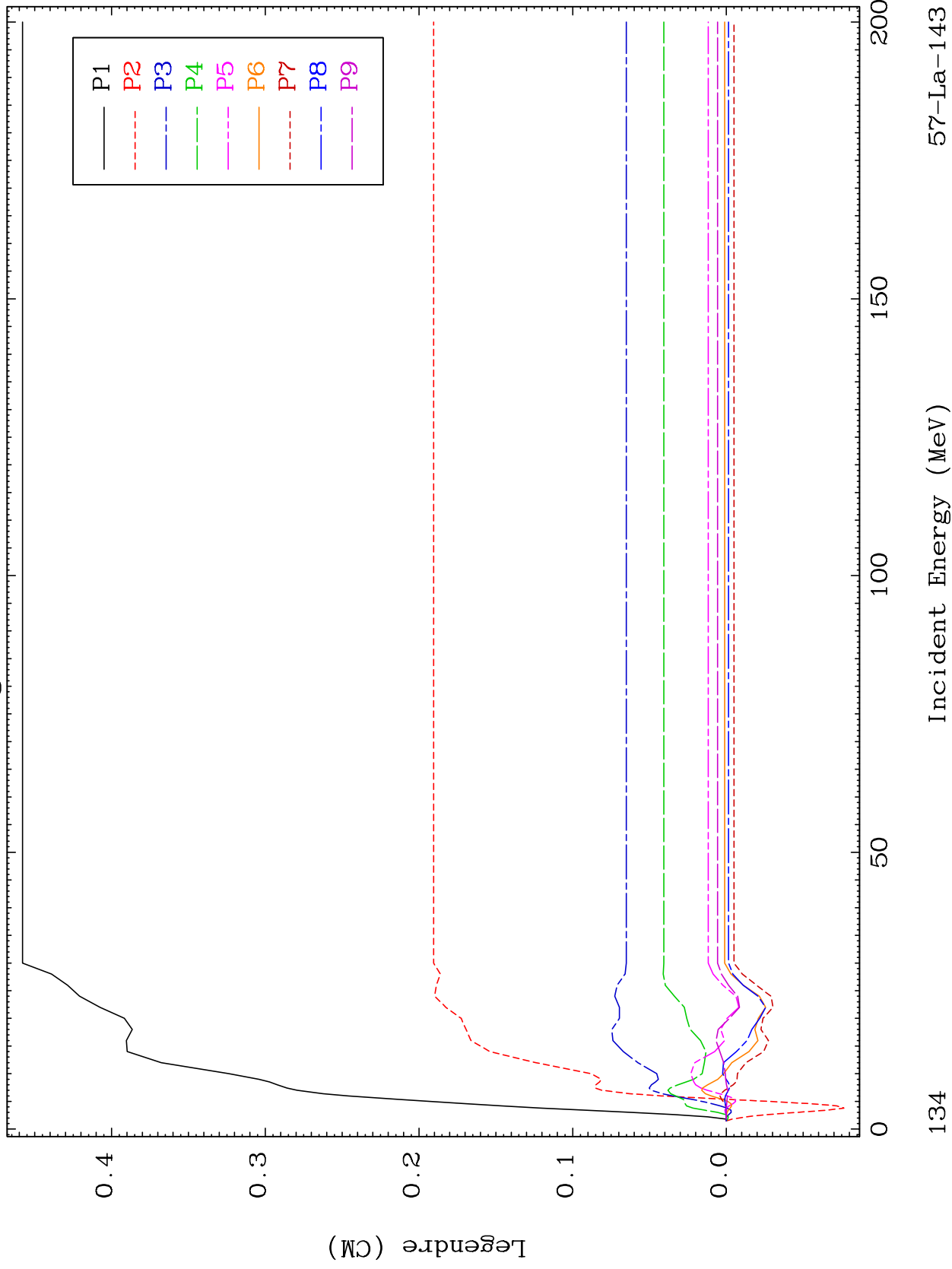




MAT 5740

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

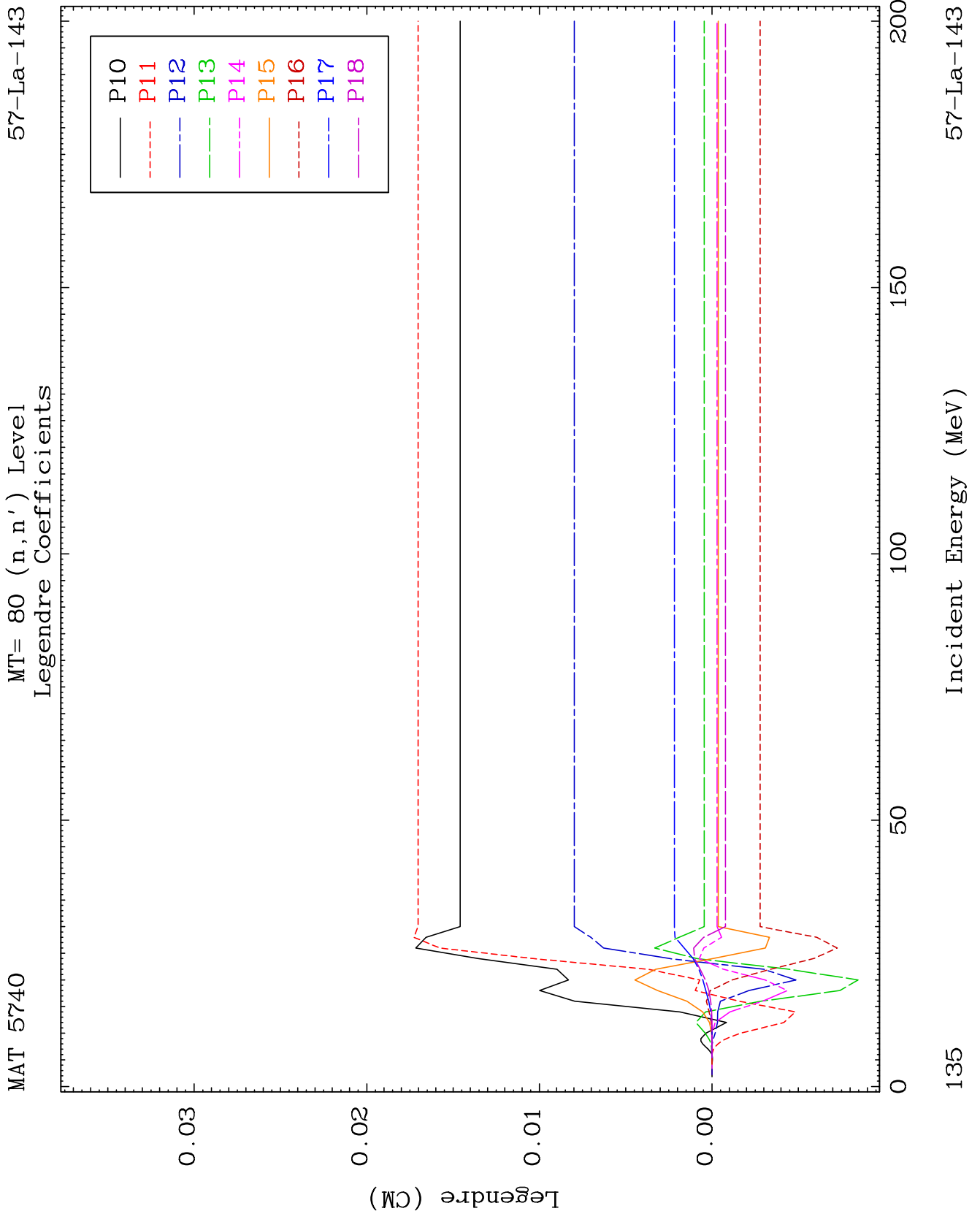
57-La-143



57-La-143

Incident Energy (MeV)

134

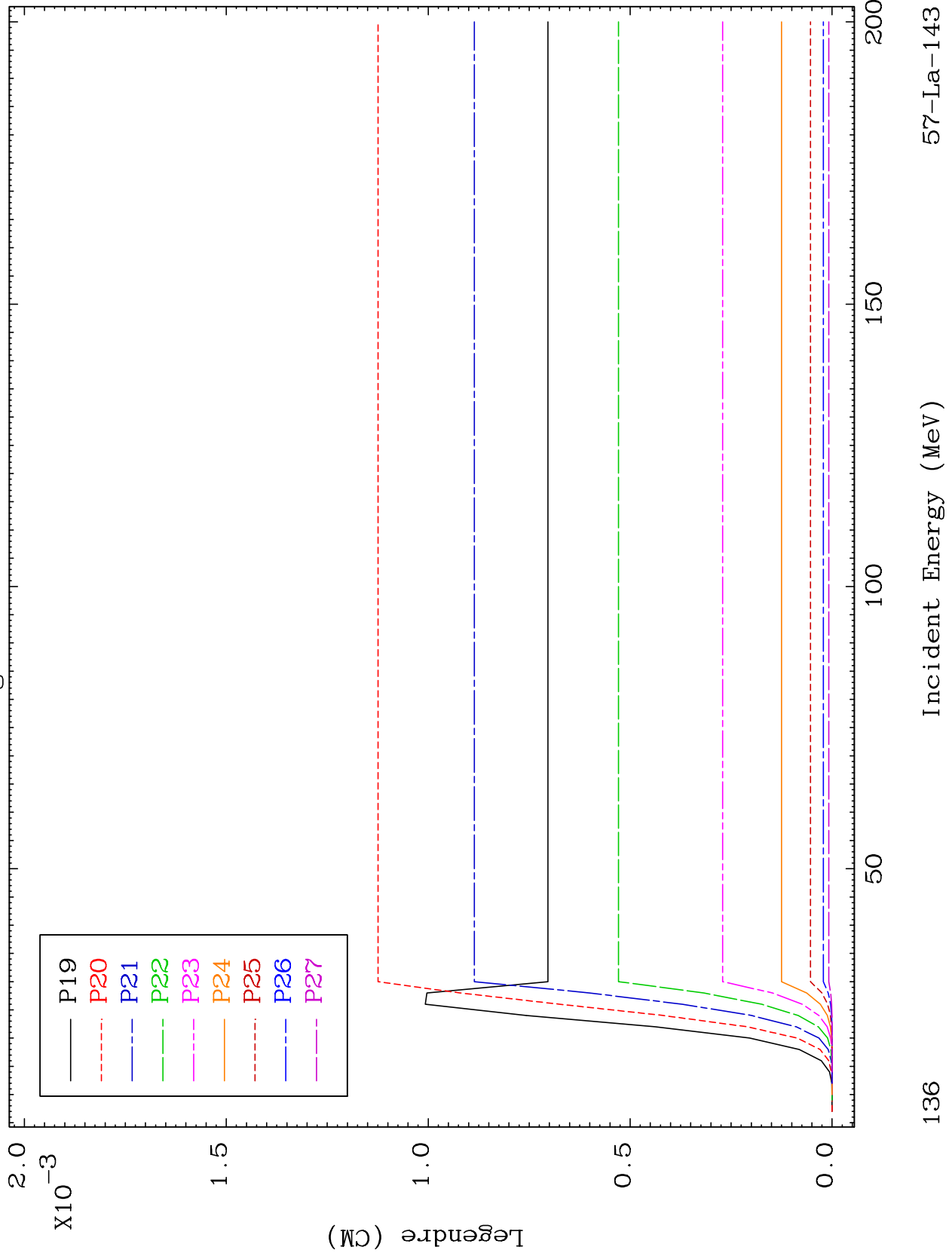




MAT 5740

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

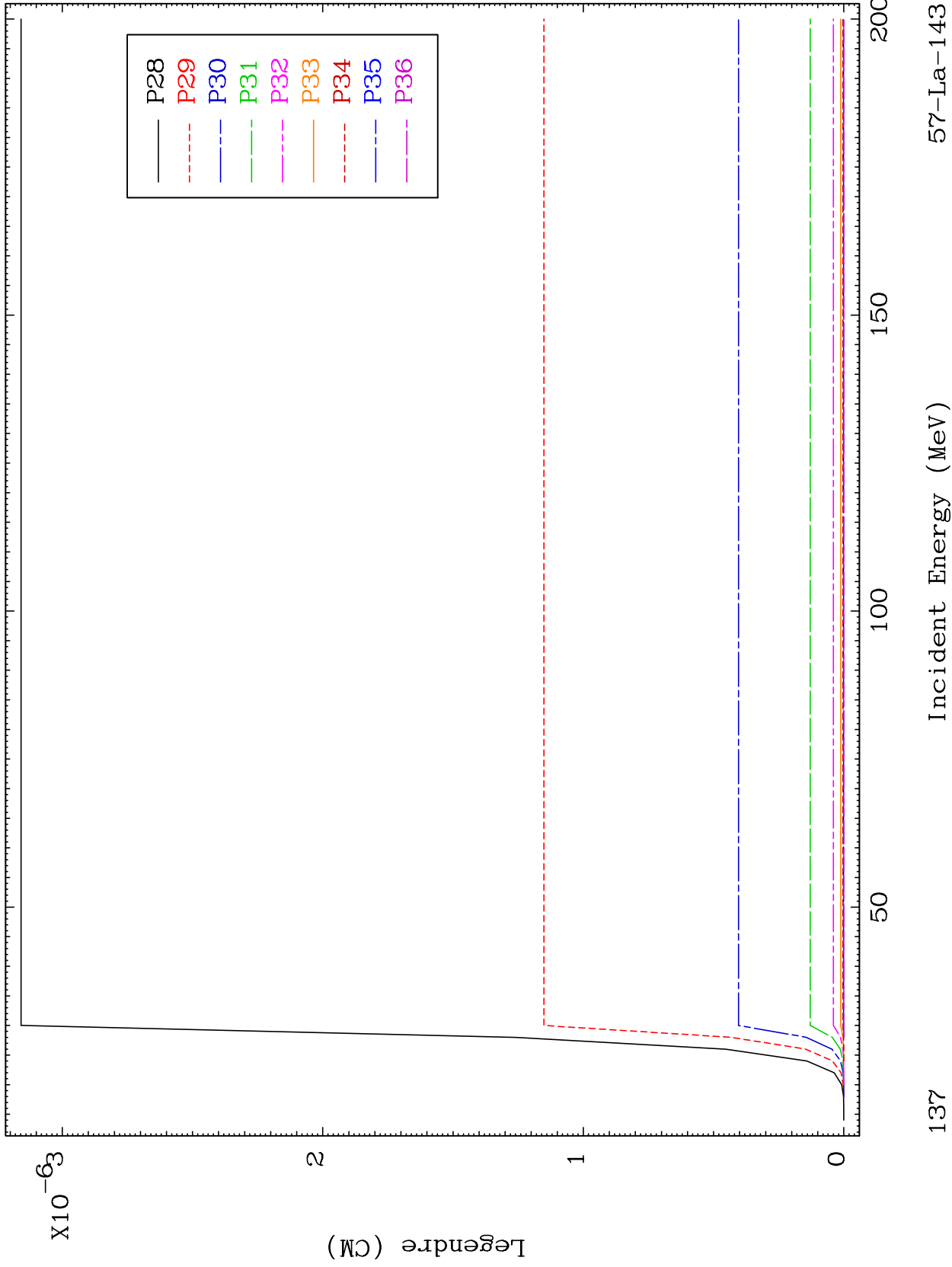
57-La-143



MAT 5740

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

57-La-143

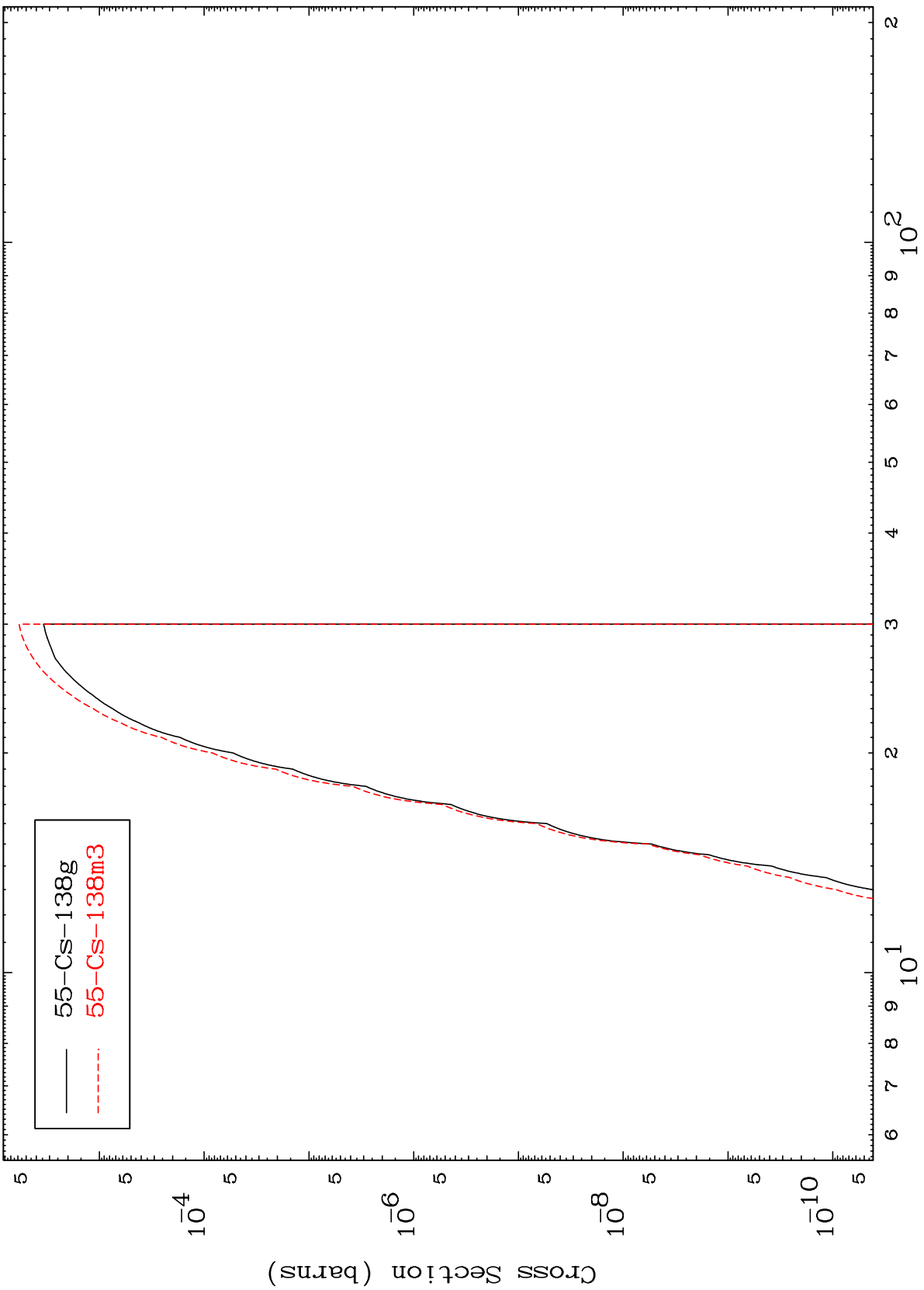


MAT 5740

$(n,2n) \alpha$

57-La-143

Radionuclide Production Cross Section



55-Cs-138g  
55-Cs-138m3

138

Incident Energy (MeV)

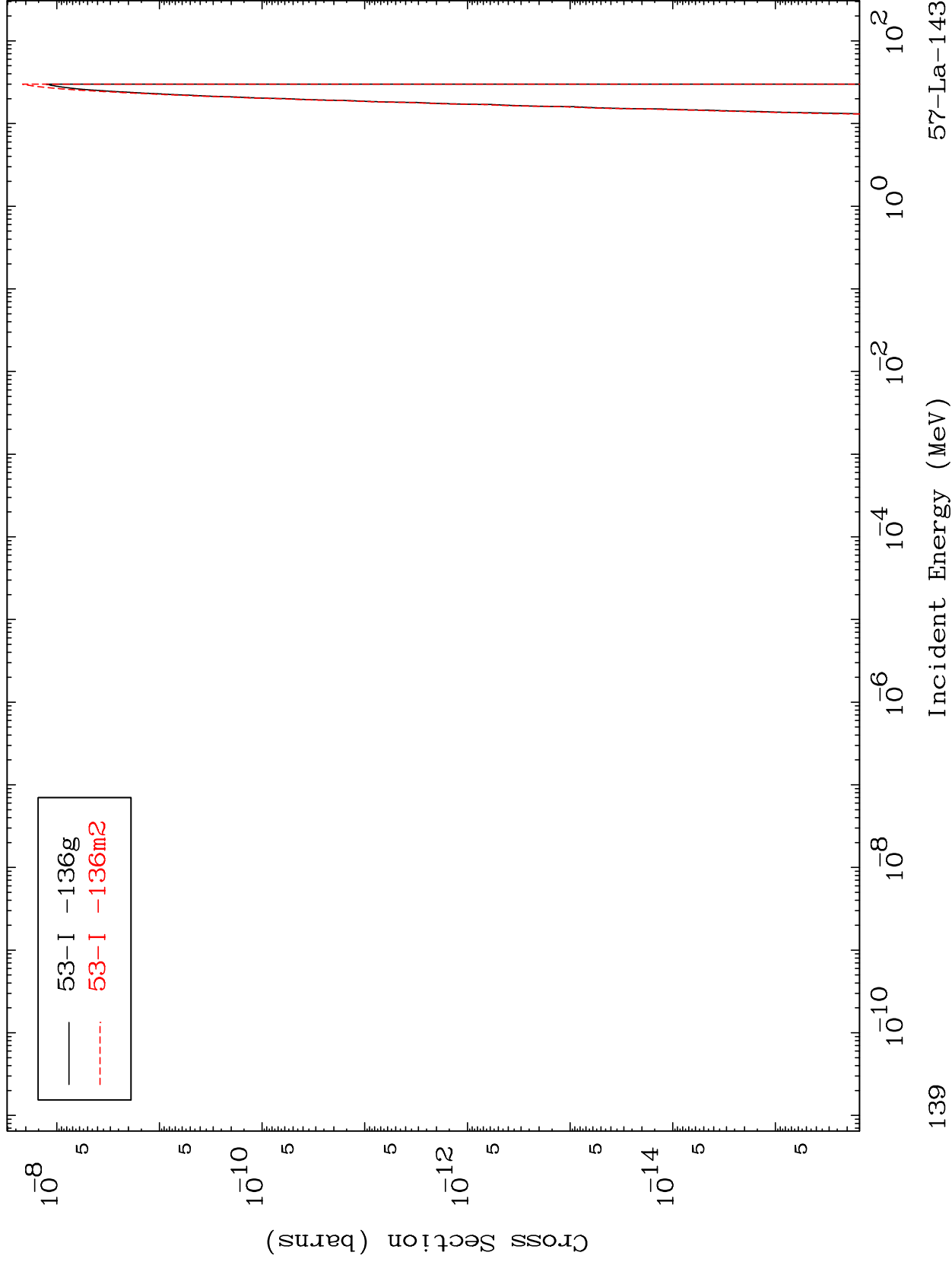
57-La-143

MAT 5740

(n,2α)

57-La-143

Radionuclide Production Cross Section



139

Incident Energy (MeV)

57-La-143