

Program EVALPLOT
(Version 2021-1)

by

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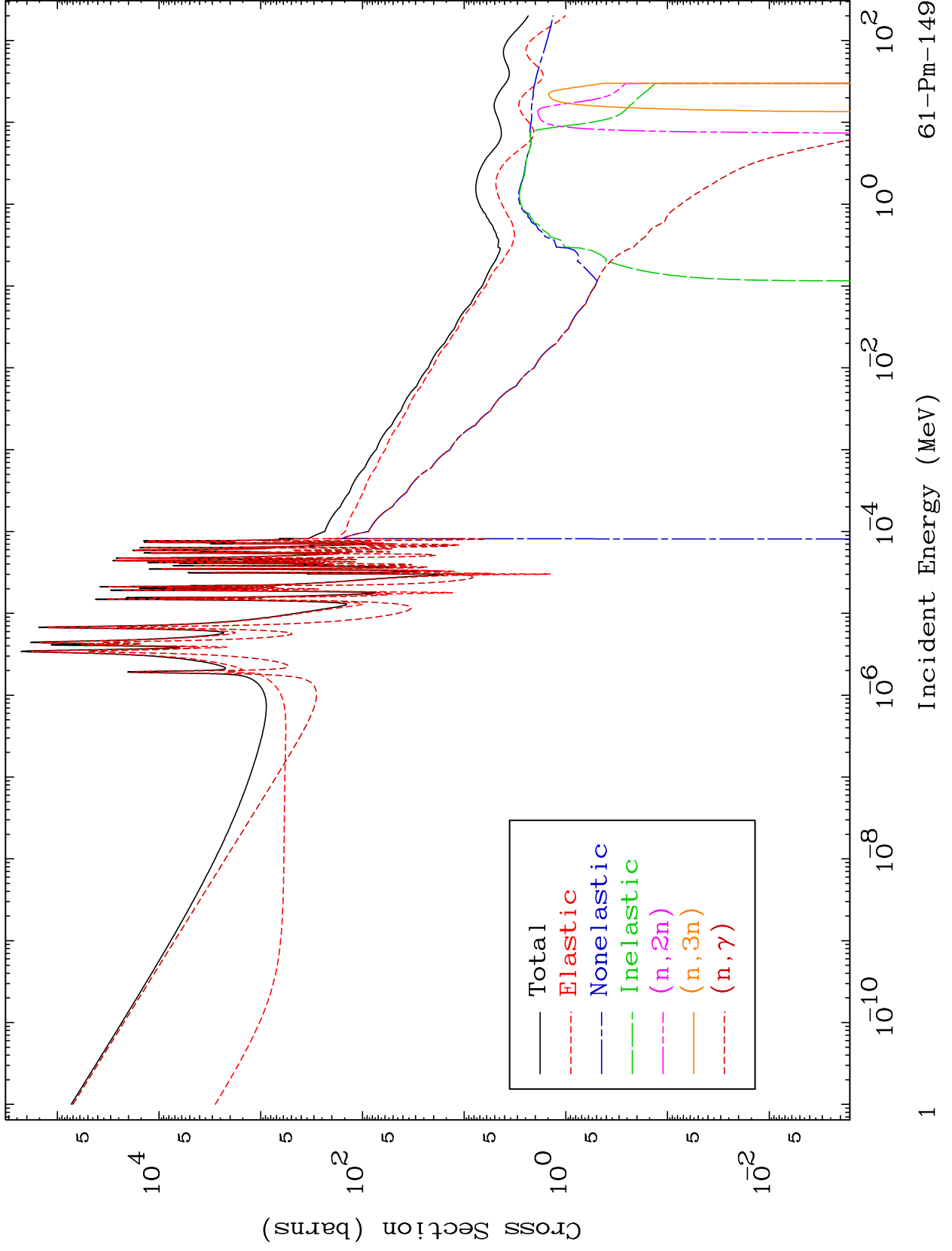
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6155

Neutron Major
293 Kelvin Cross Sections

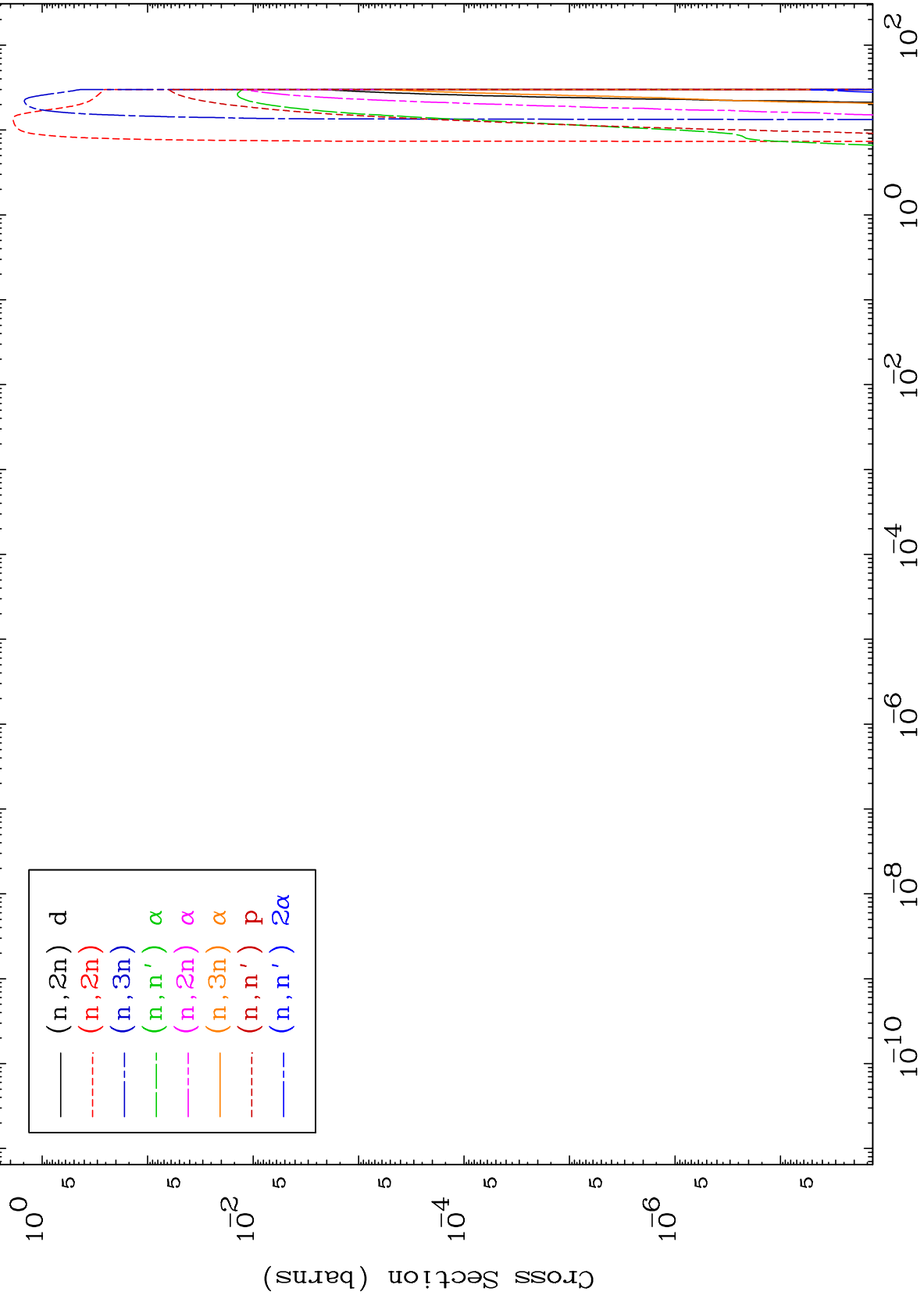
61-Pm-149



MAT 6155

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-149



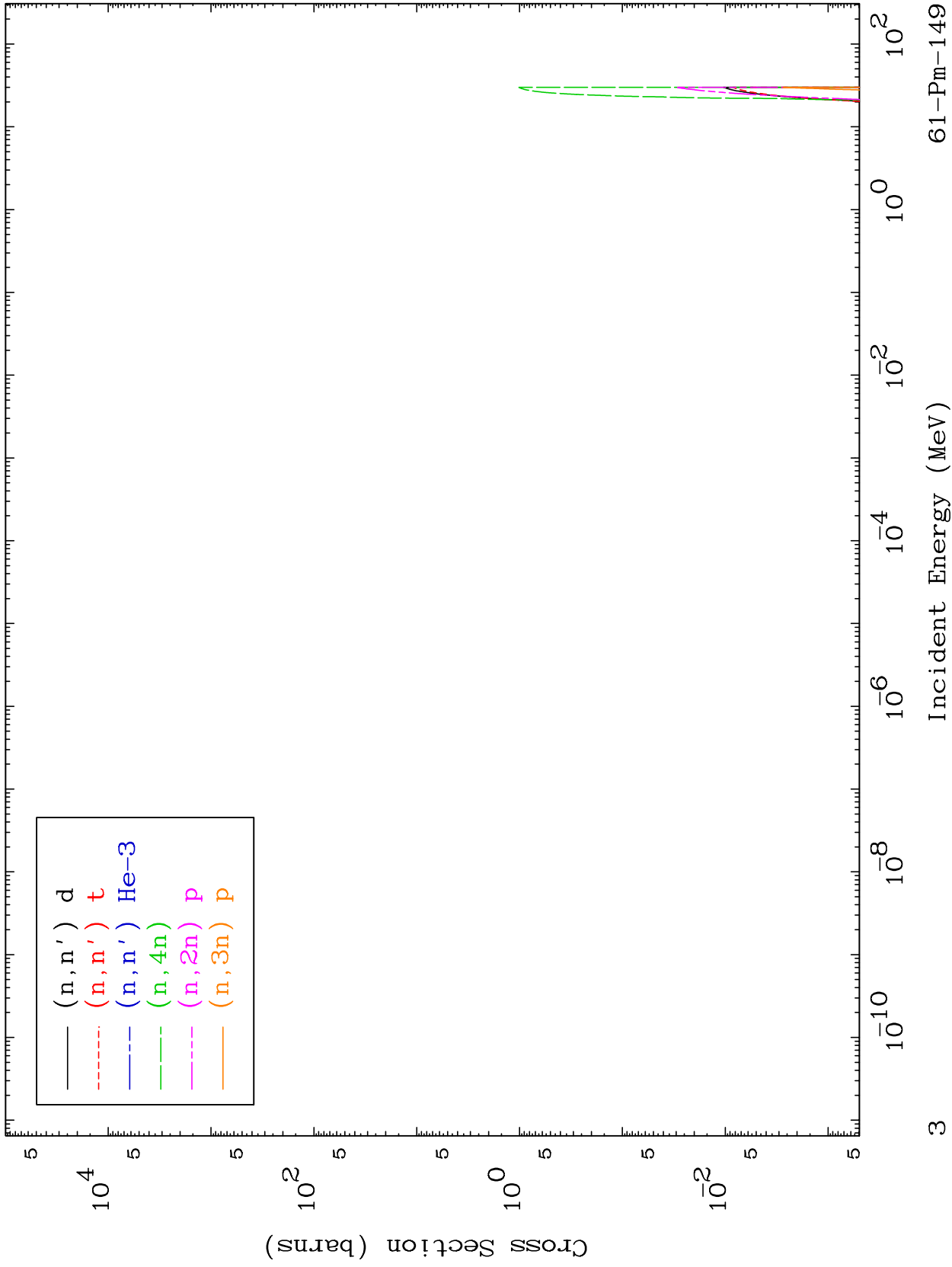
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Incident Energy (MeV)

MAT 6155

Neutron Absorption
293 Kelvin Cross Sections

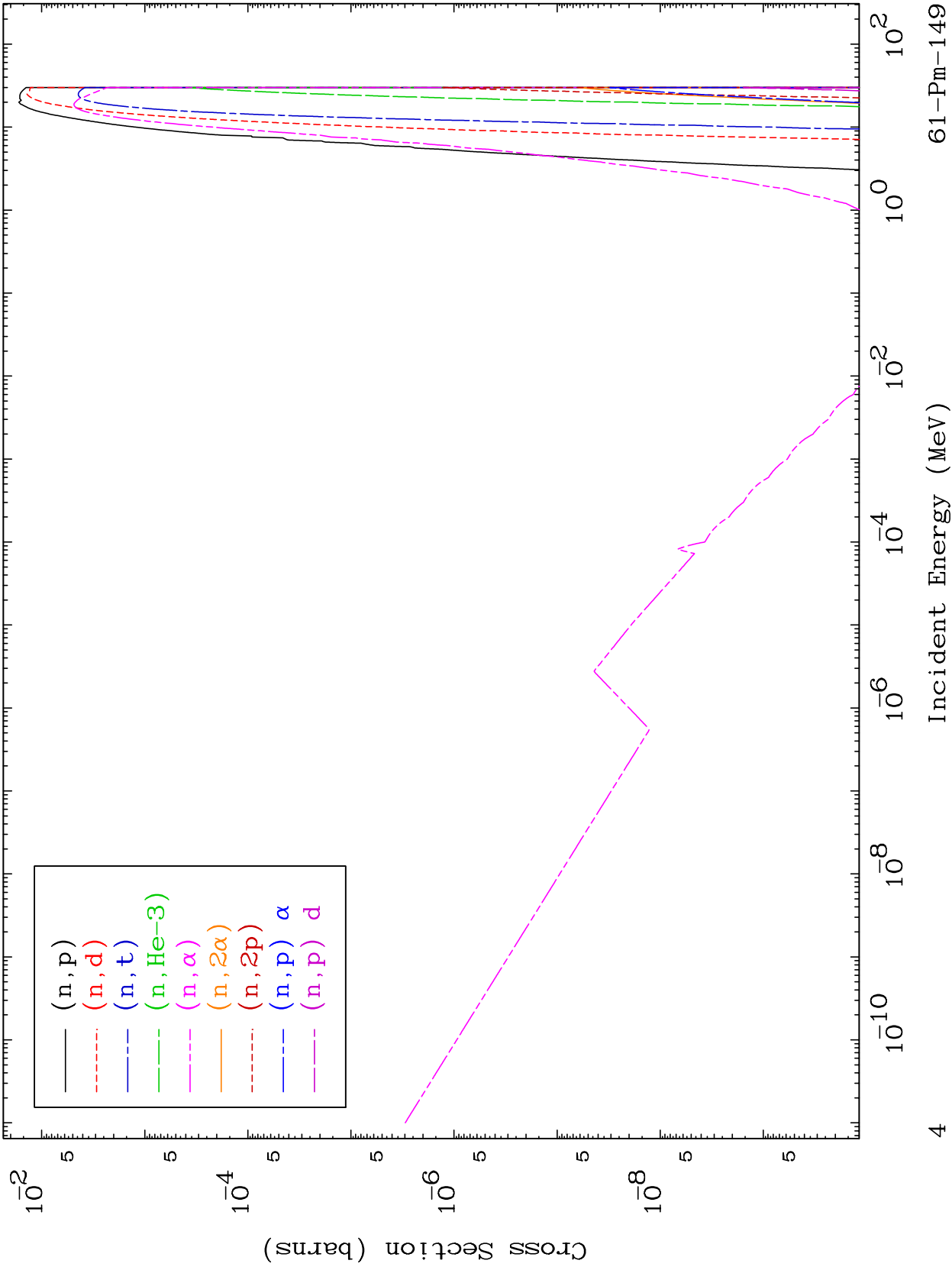
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MAT 6155

Neutron Absorption
293 Kelvin Cross Sections

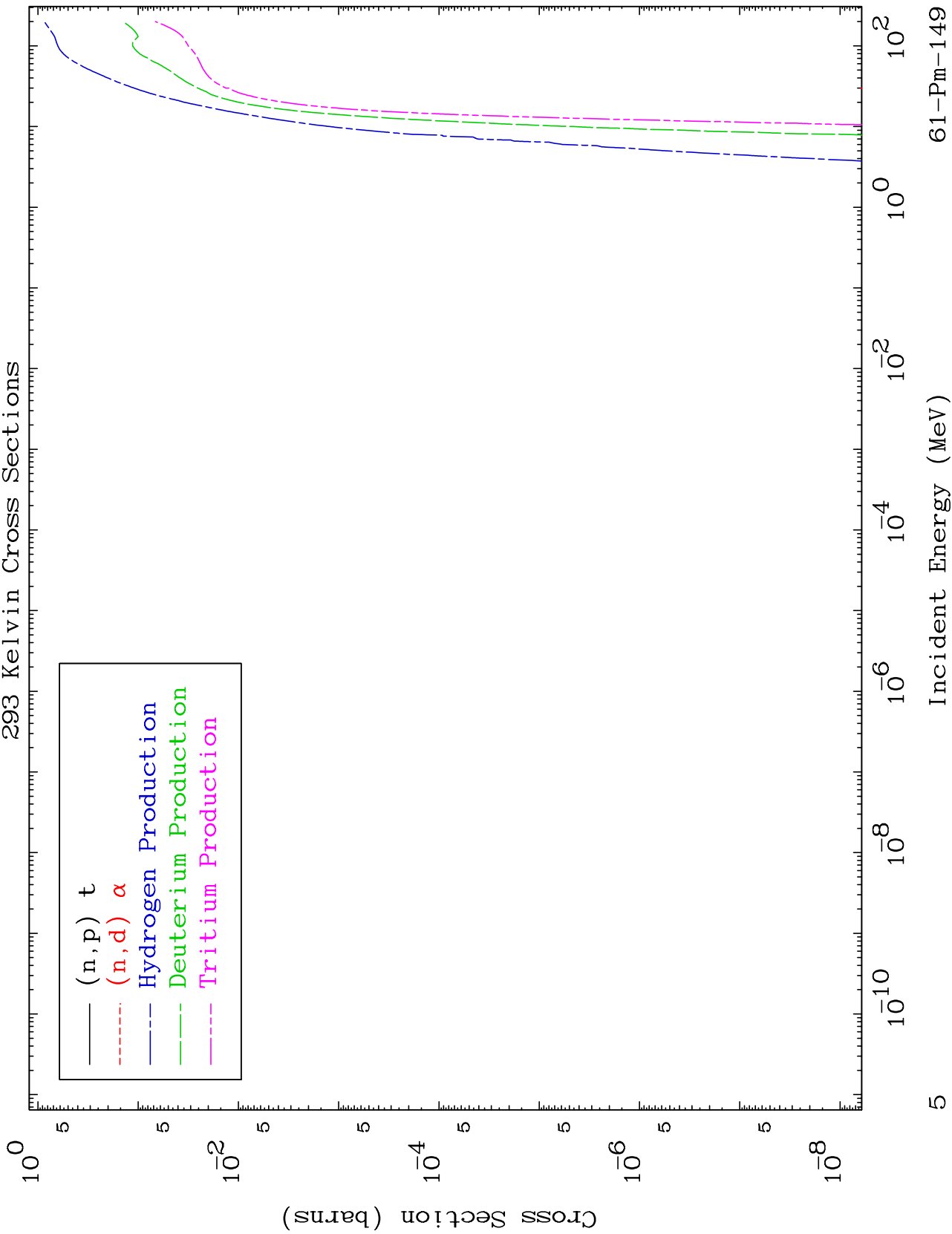
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MAT 6155

Neutron Absorption
293 Kelvin Cross Sections

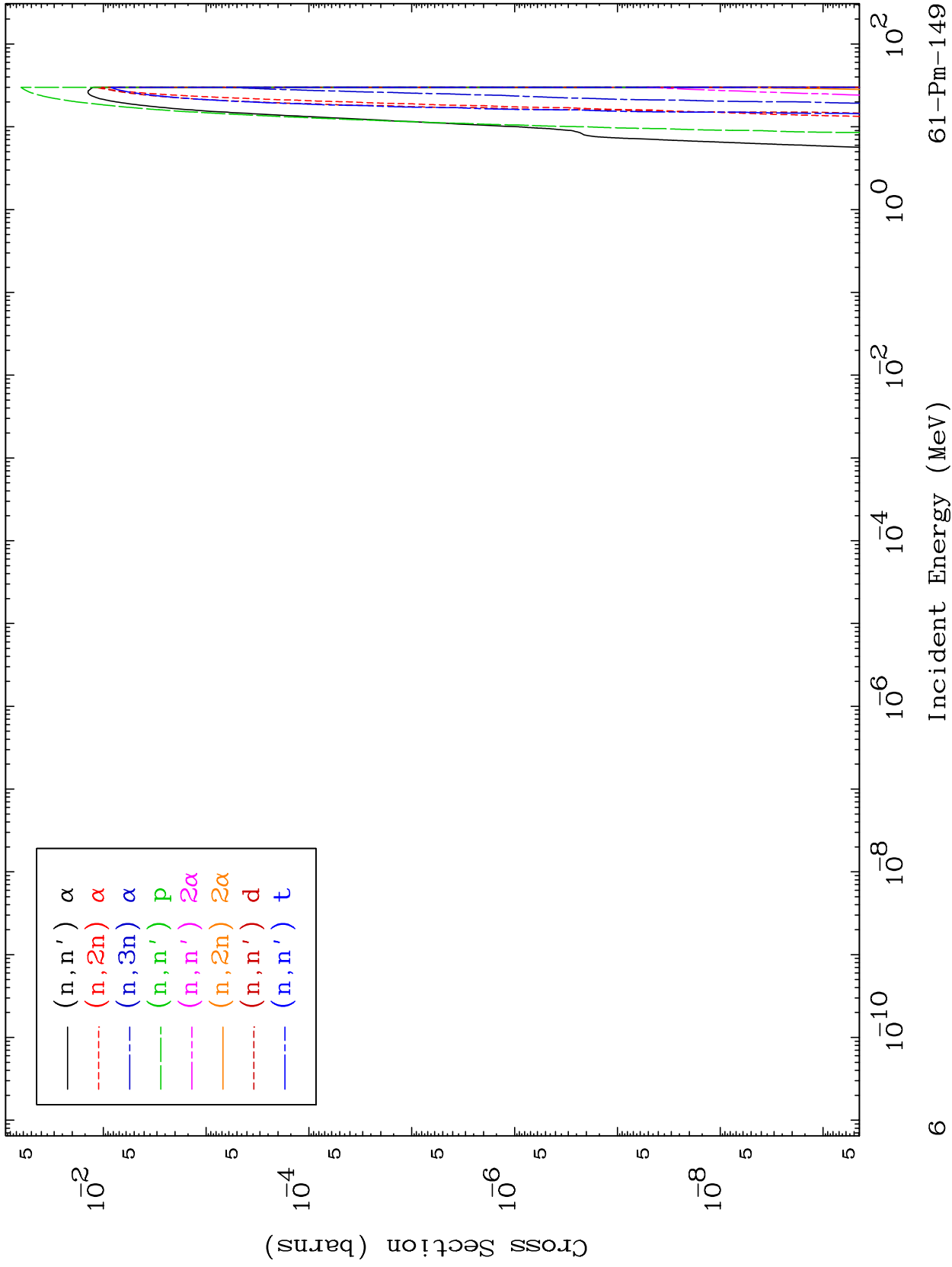
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MAT 6155

Charged Particle
293 Kelvin Cross Sections

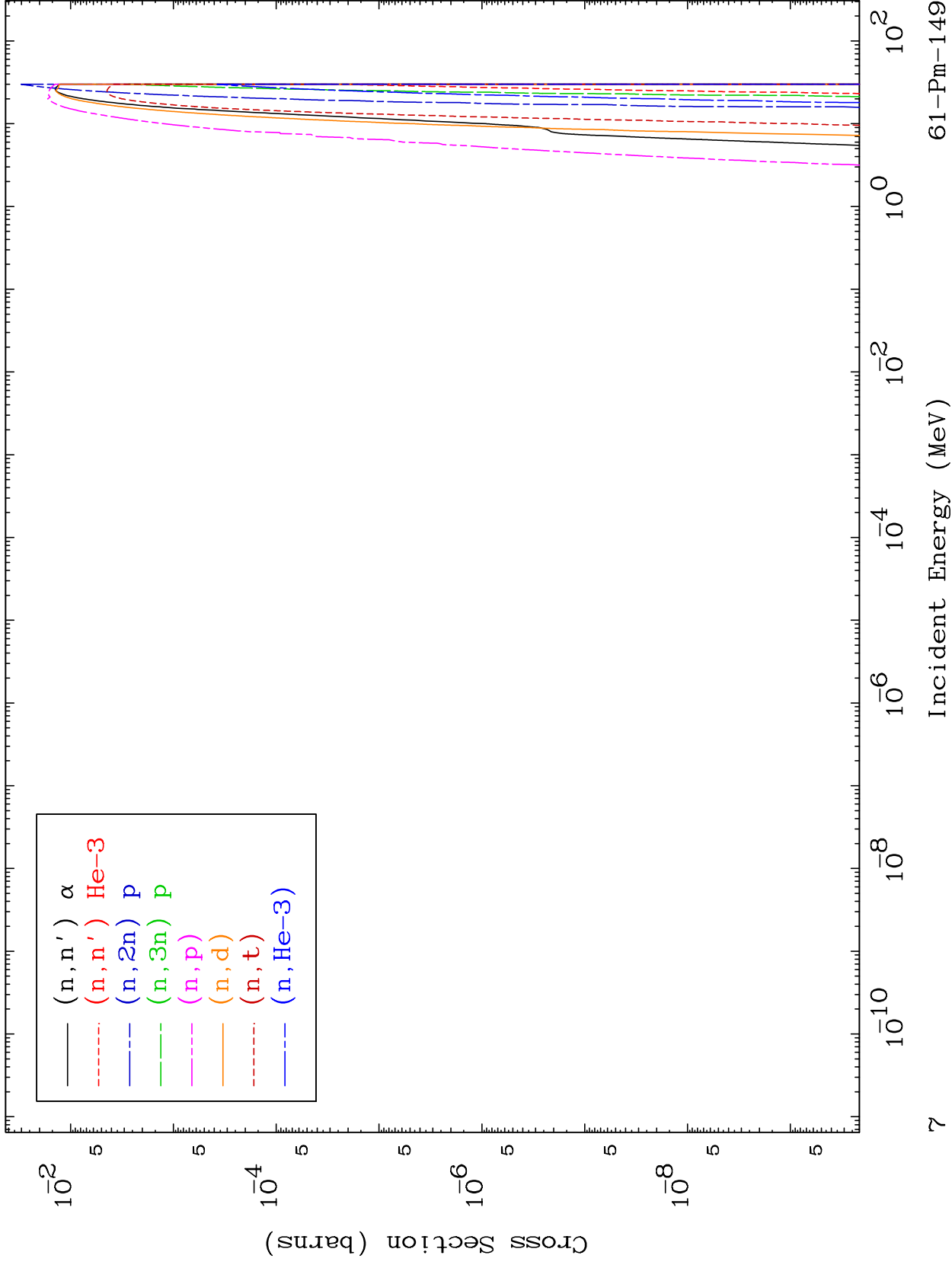
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MAT 6155

Charged Particle
293 Kelvin Cross Sections

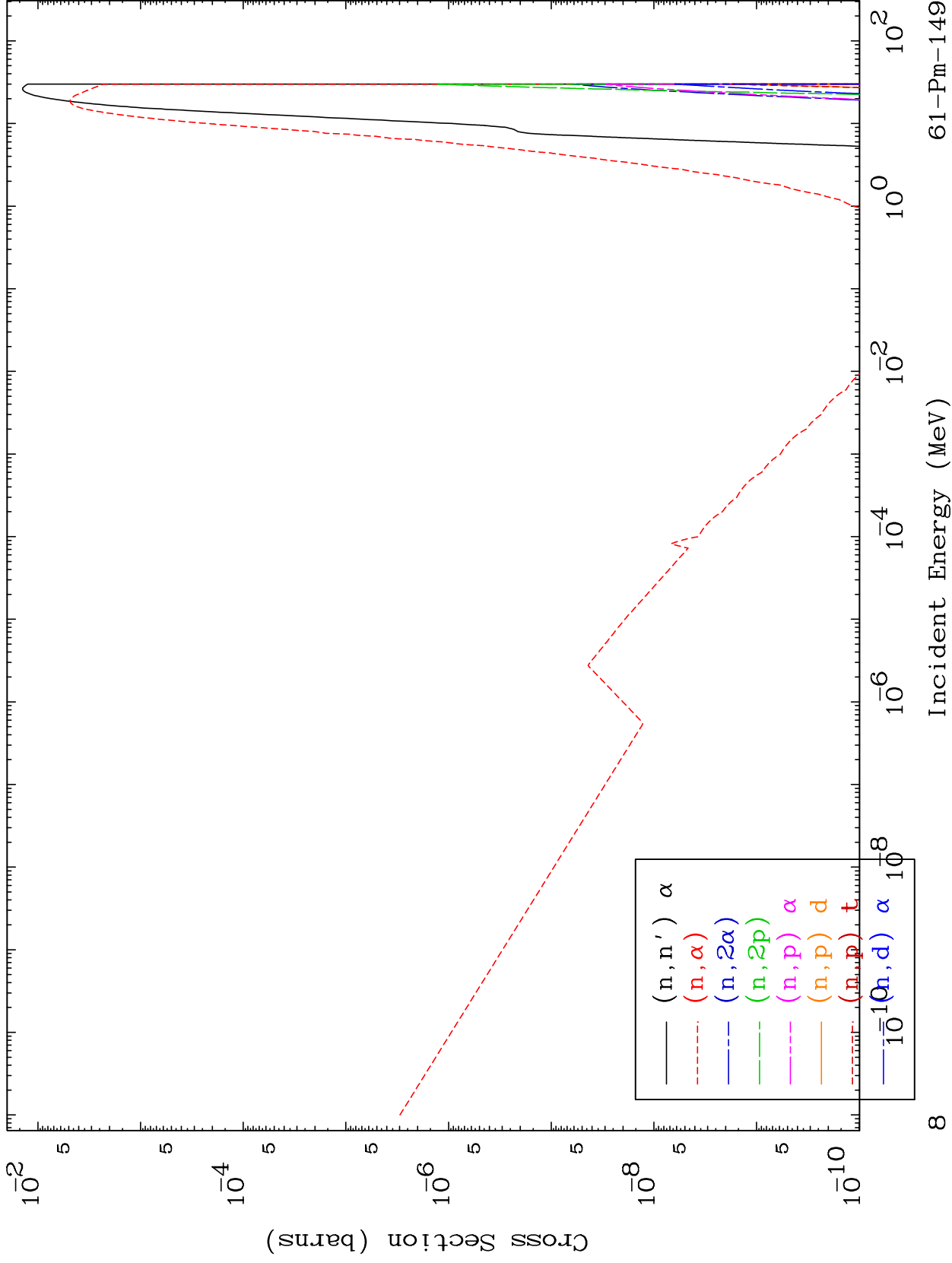
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MAT 6155

Charged Particle
293 Kelvin Cross Sections

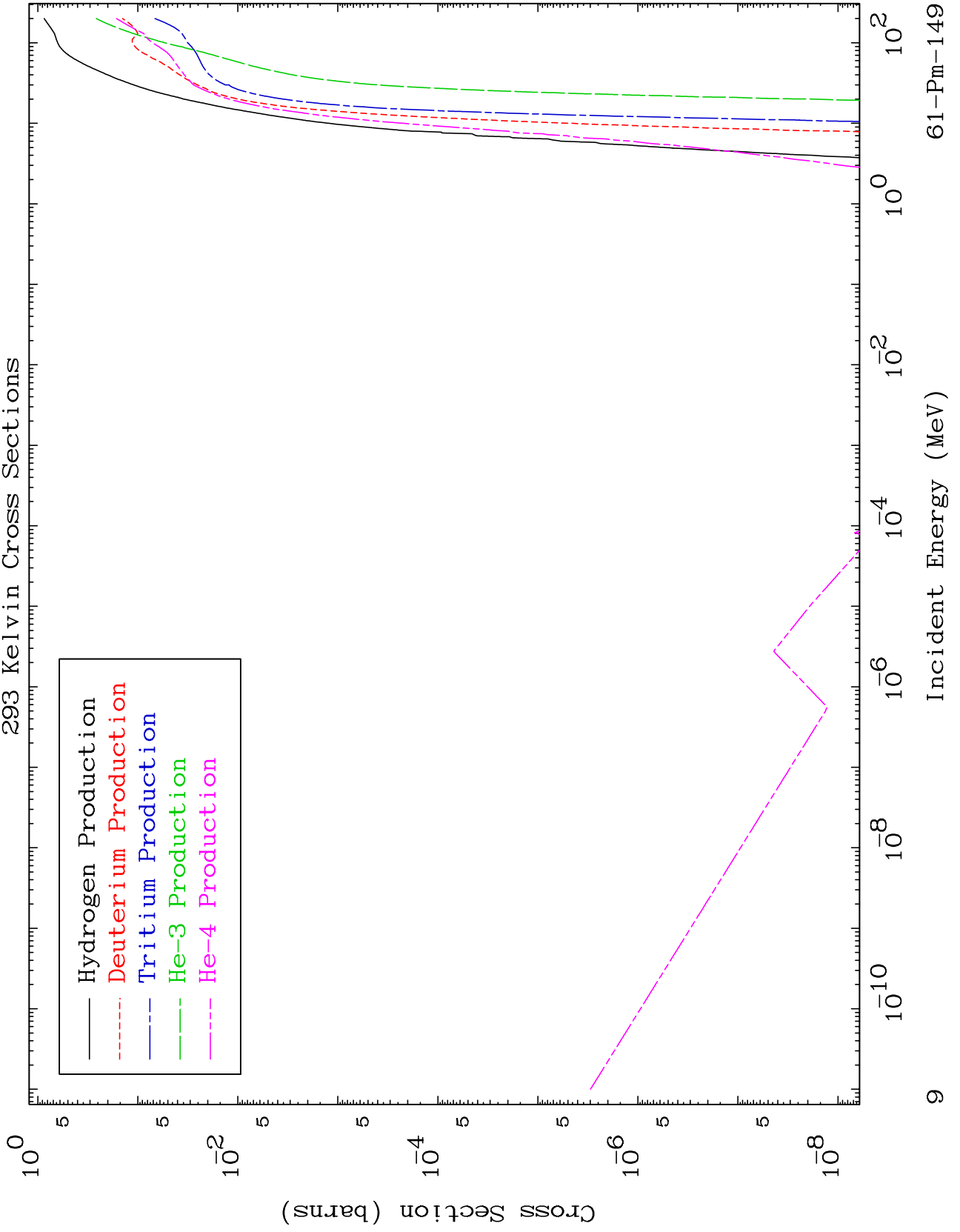
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MAT 6155

Particle Production
293 Kelvin Cross Sections

61-Pm-149

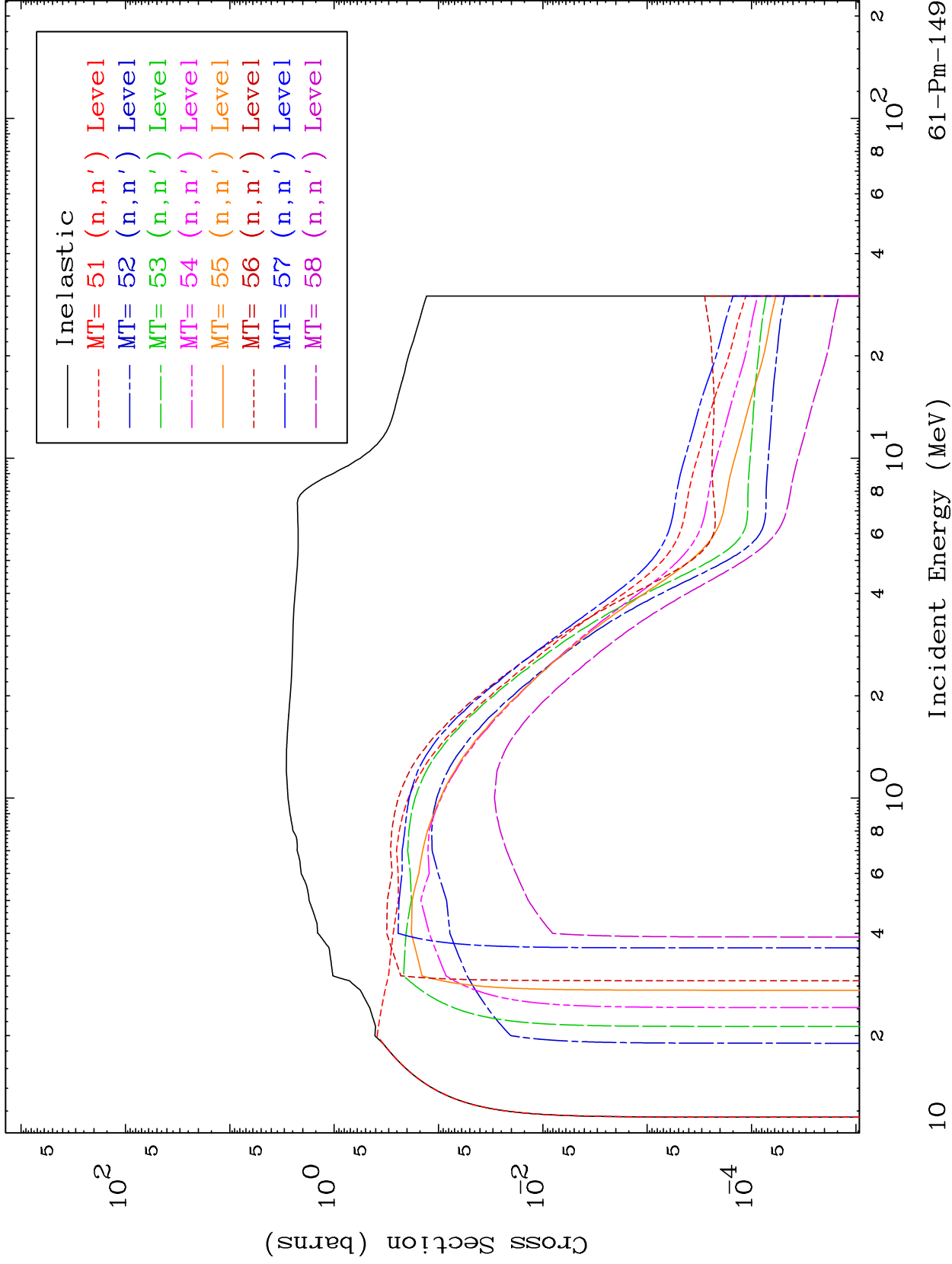


MAT 6155

(n,n') Levels

293 Kelvin Cross Sections

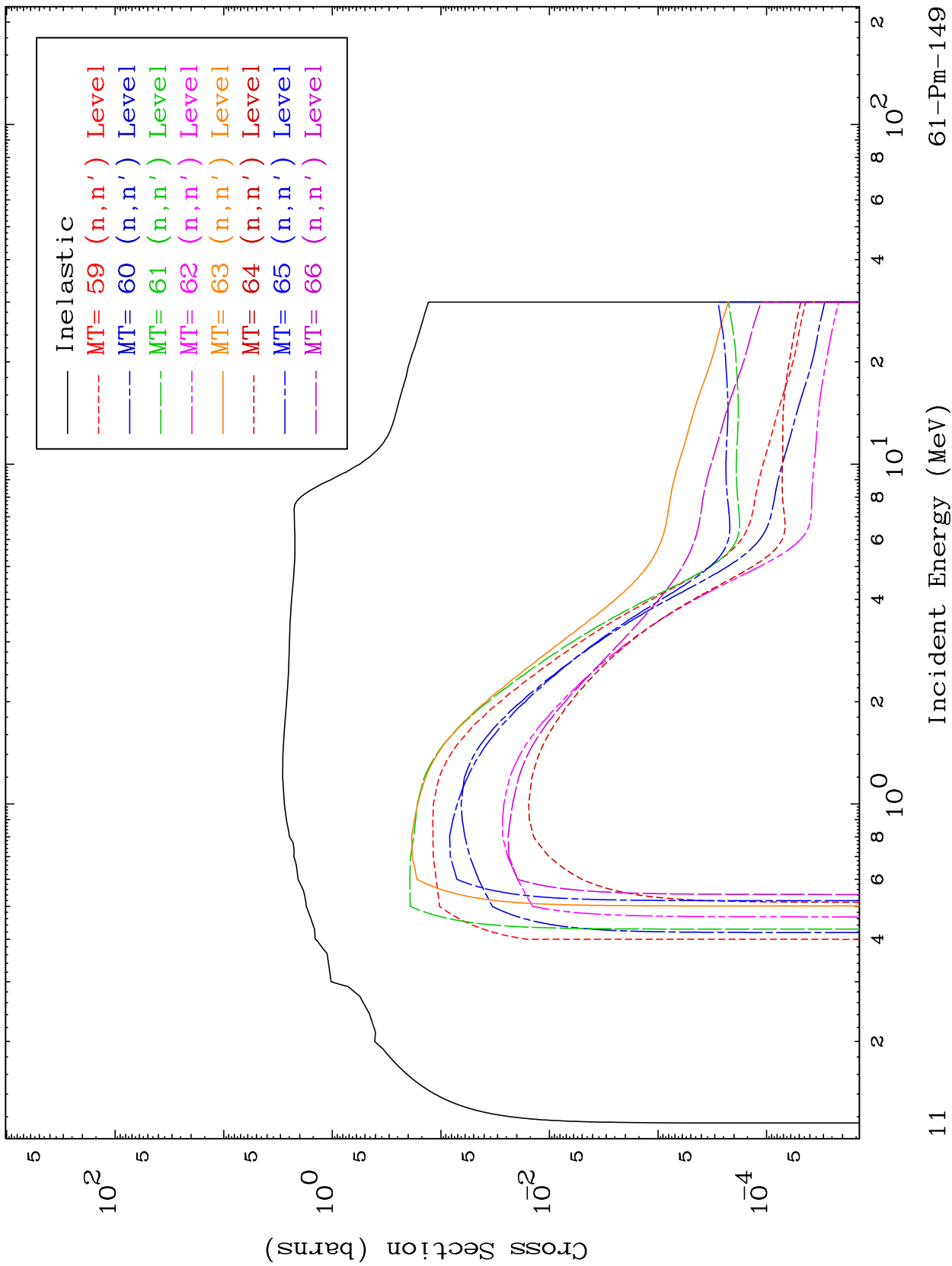
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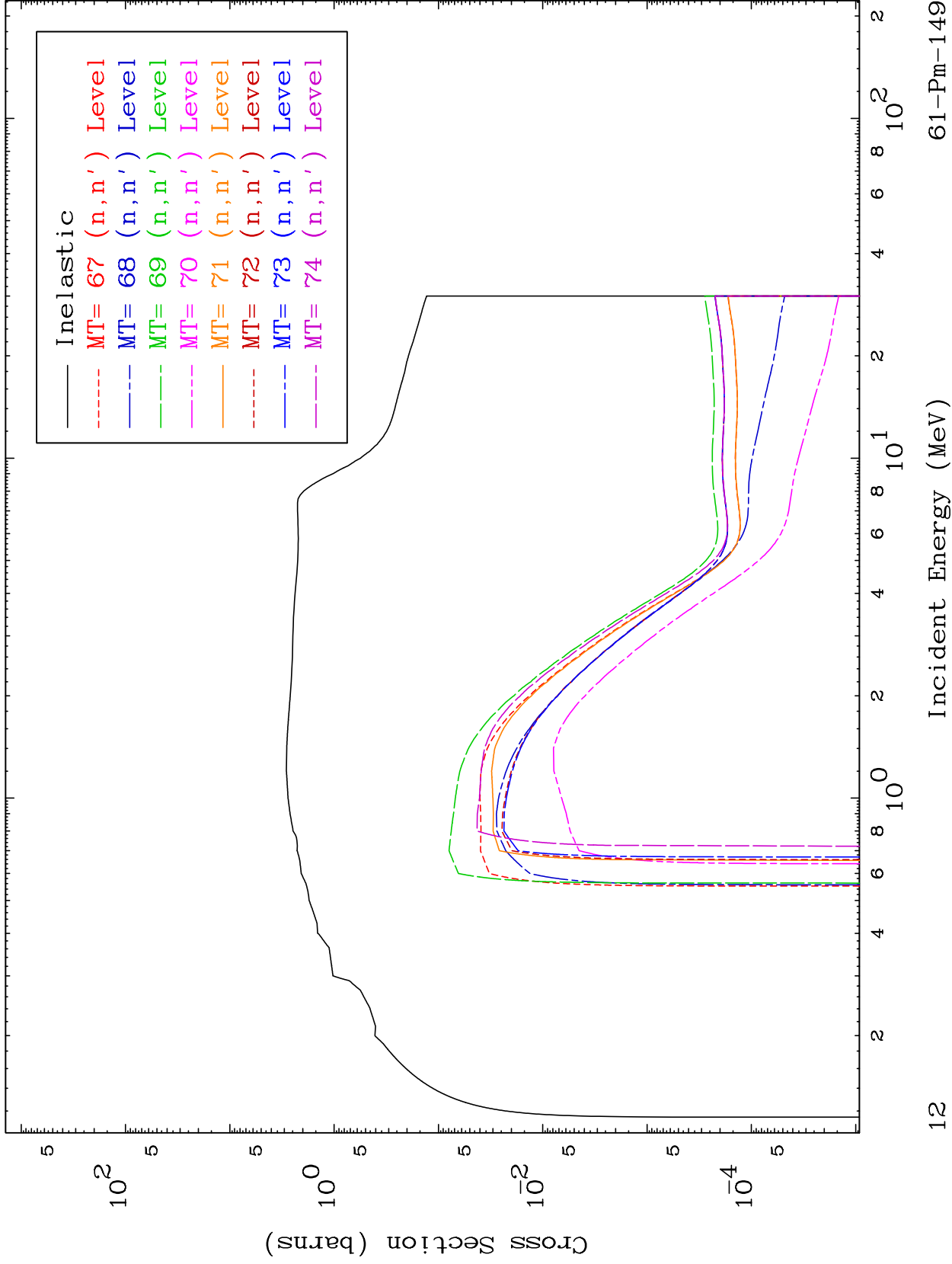
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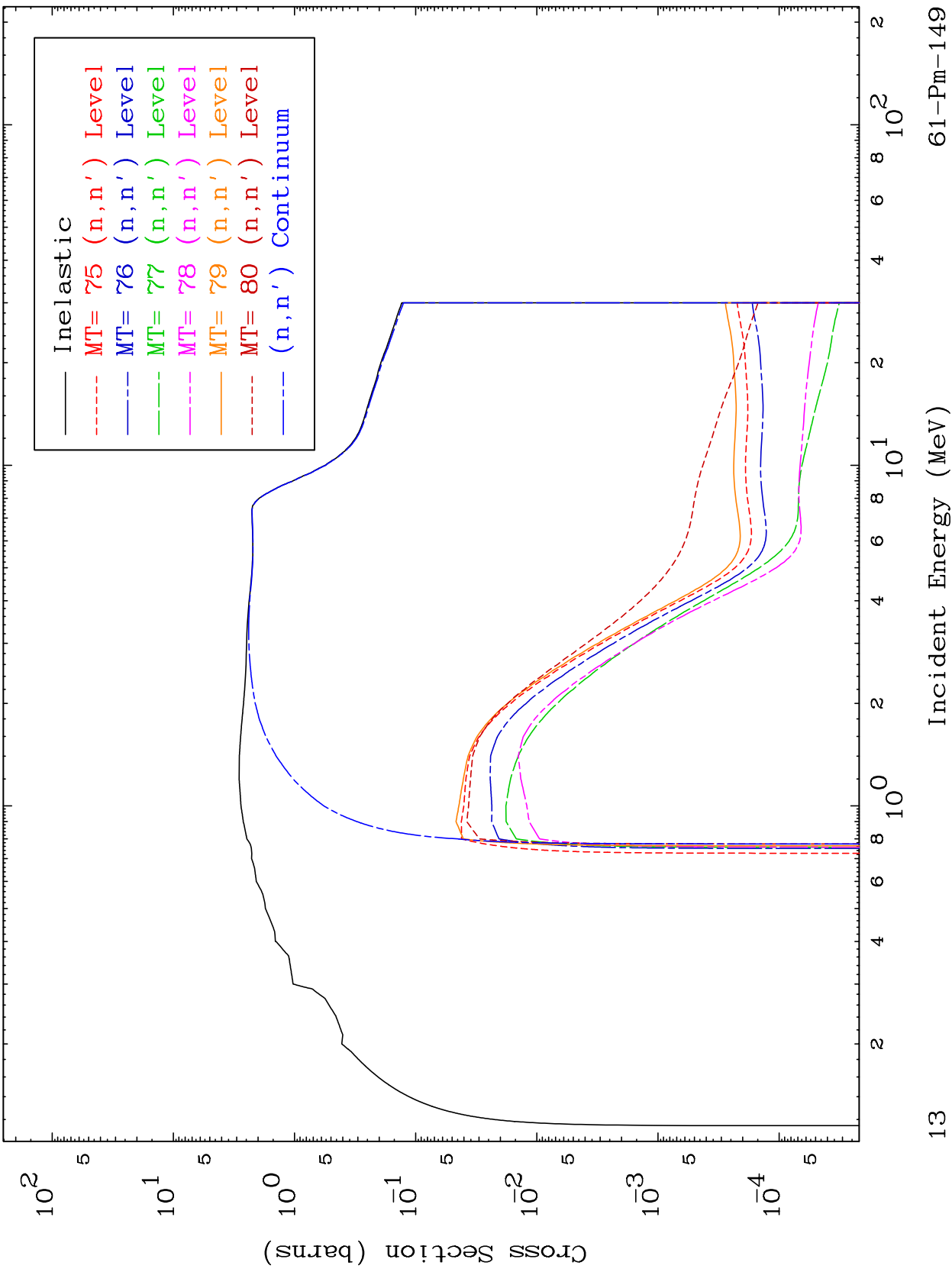
Incident Energy (MeV)

61-Pm-149



293 Kelvin Cross Sections

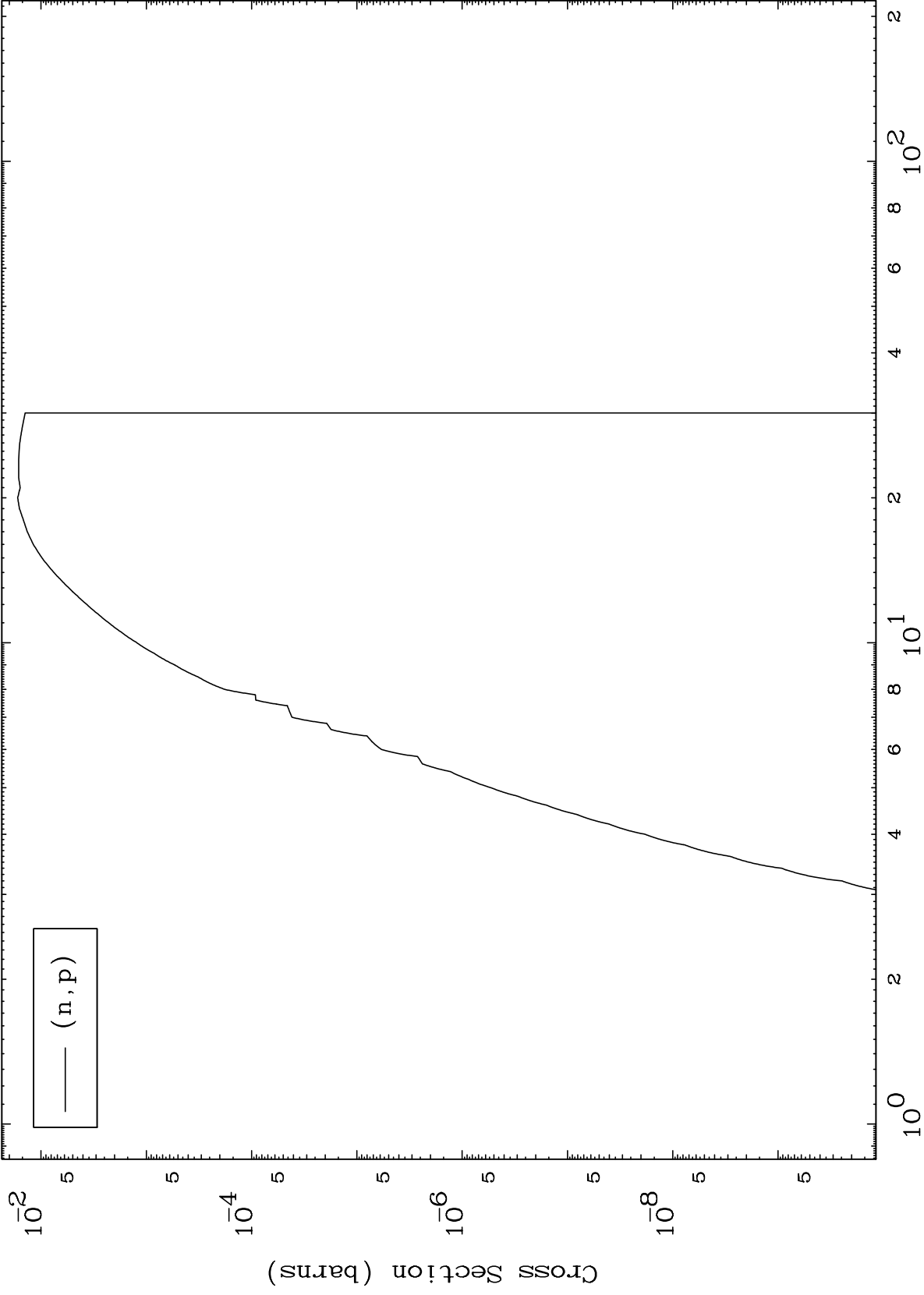




MAT 6155

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-149



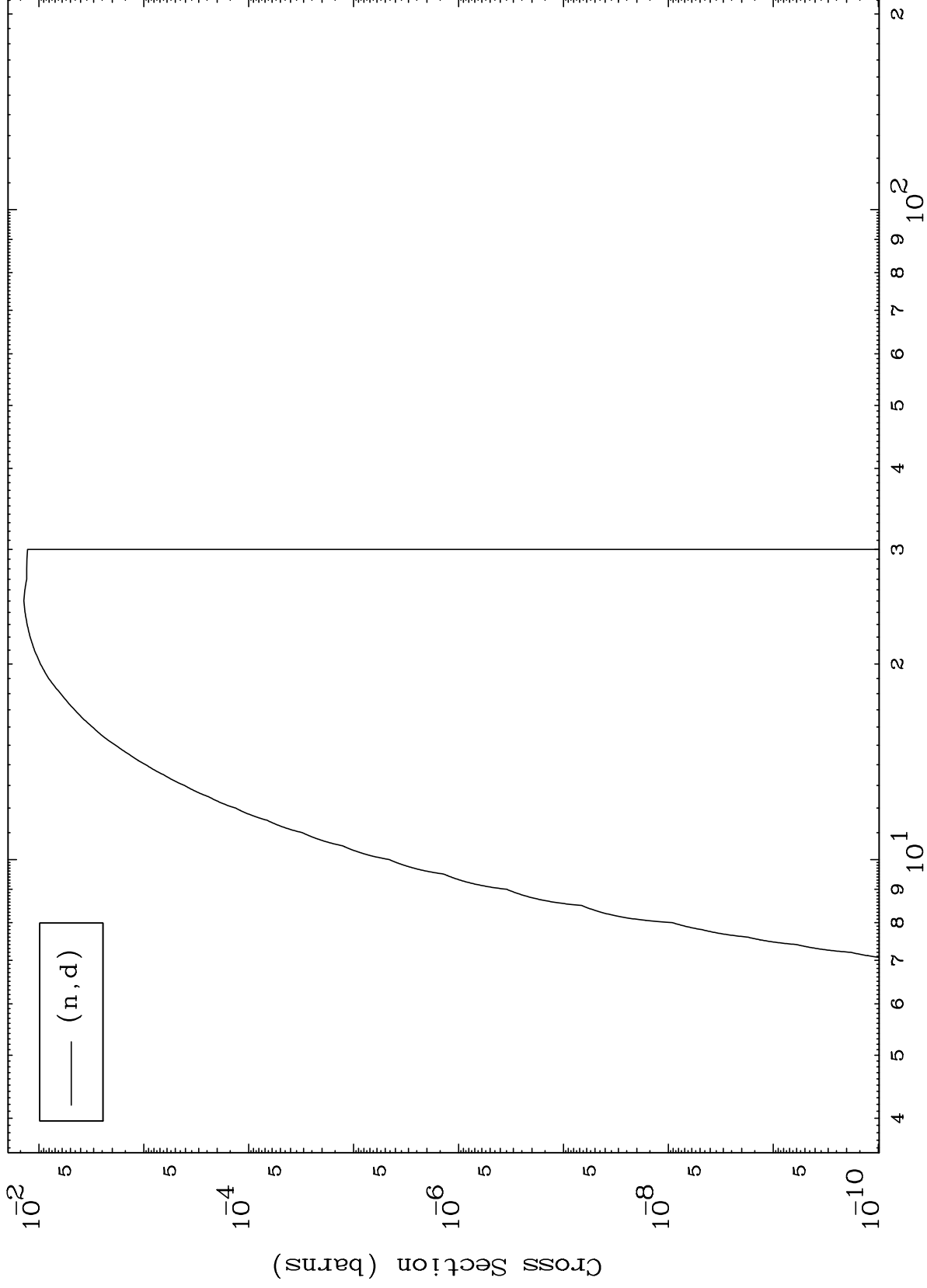
Incident Energy (MeV)

61-Pm-149

MAT 6155

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-149



15

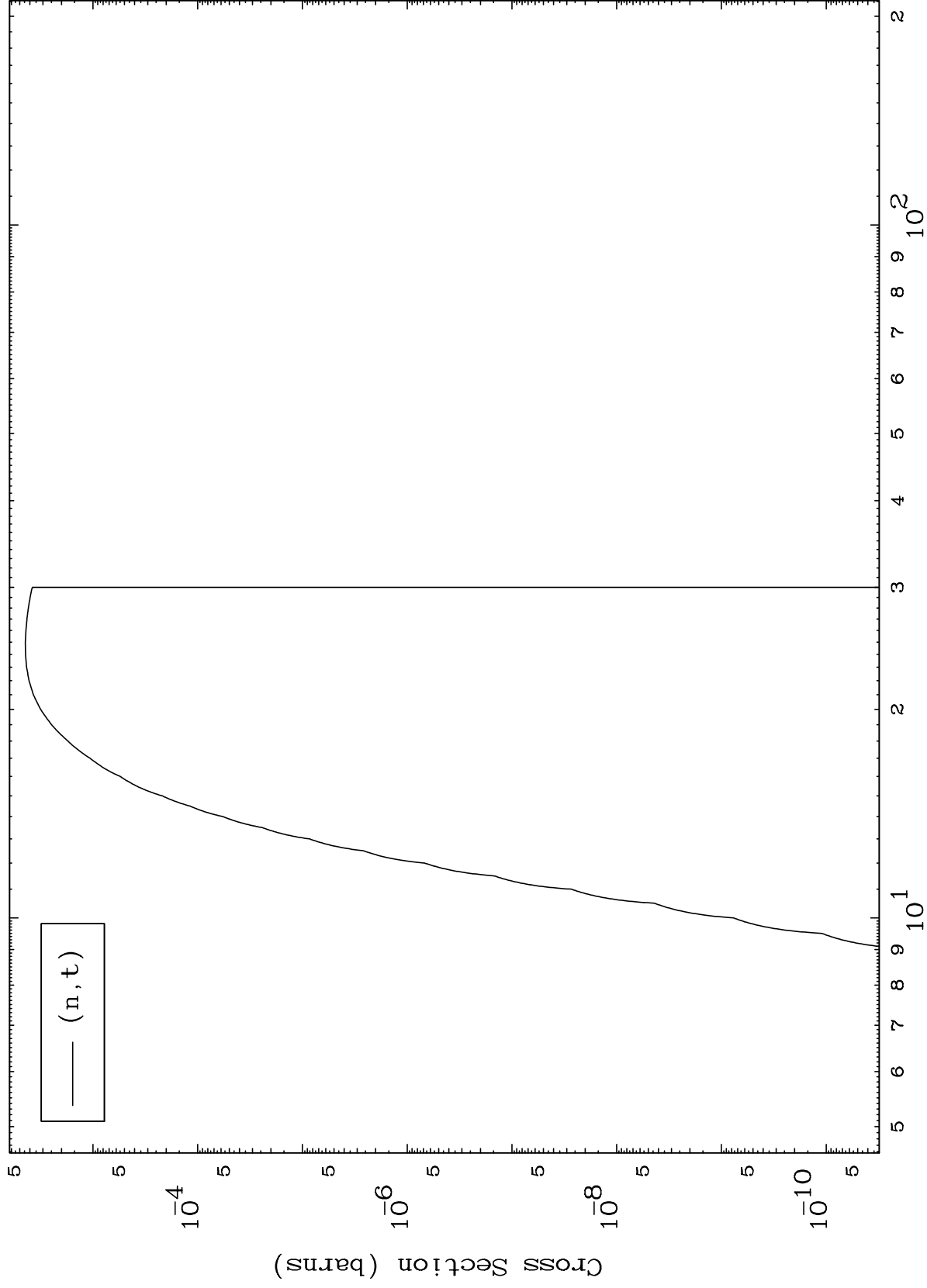
Incident Energy (MeV)

61-Pm-149

MAT 6155

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-149



16

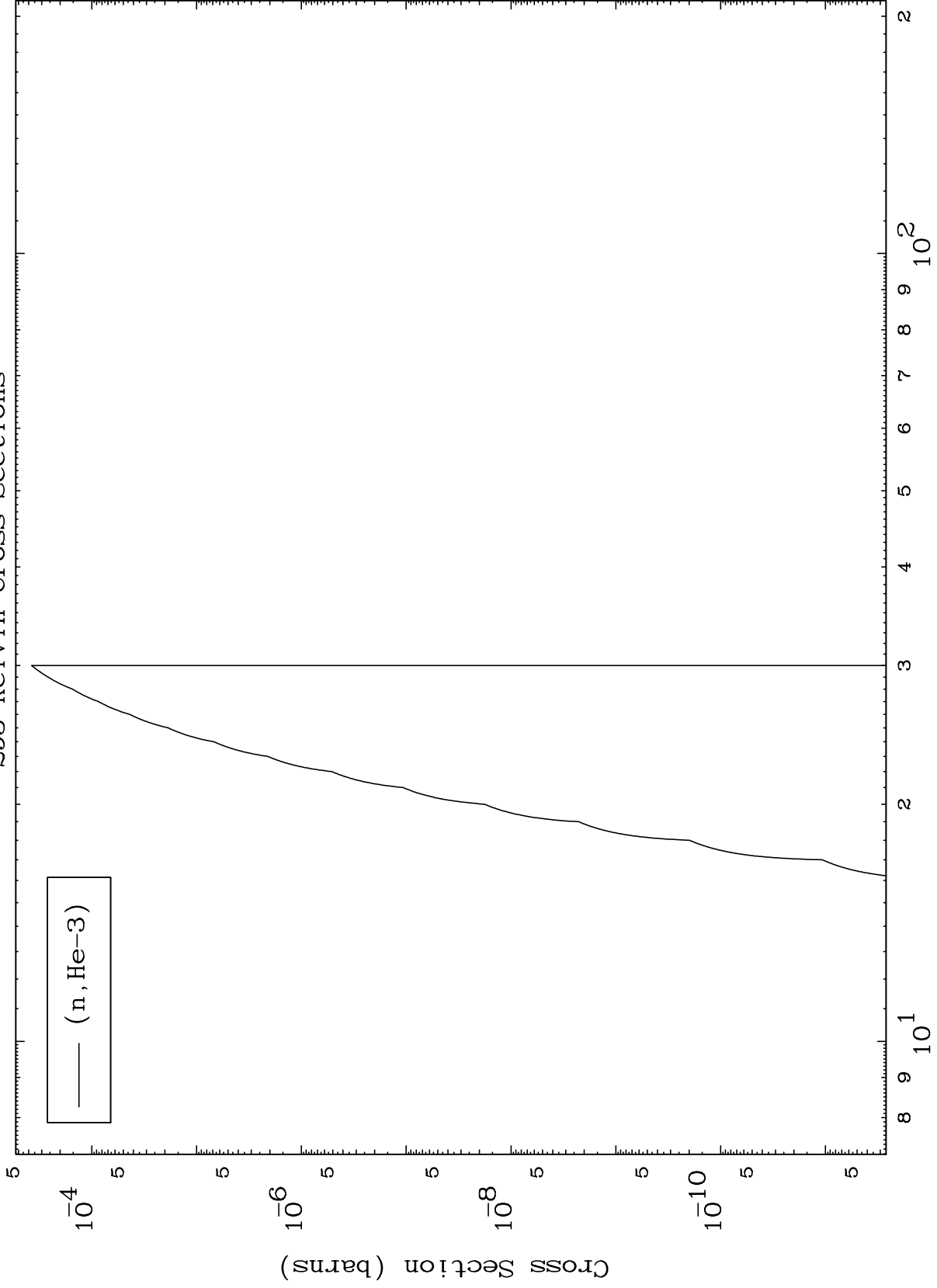
Incident Energy (MeV)

61-Pm-149

MAT 6155

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-149



17

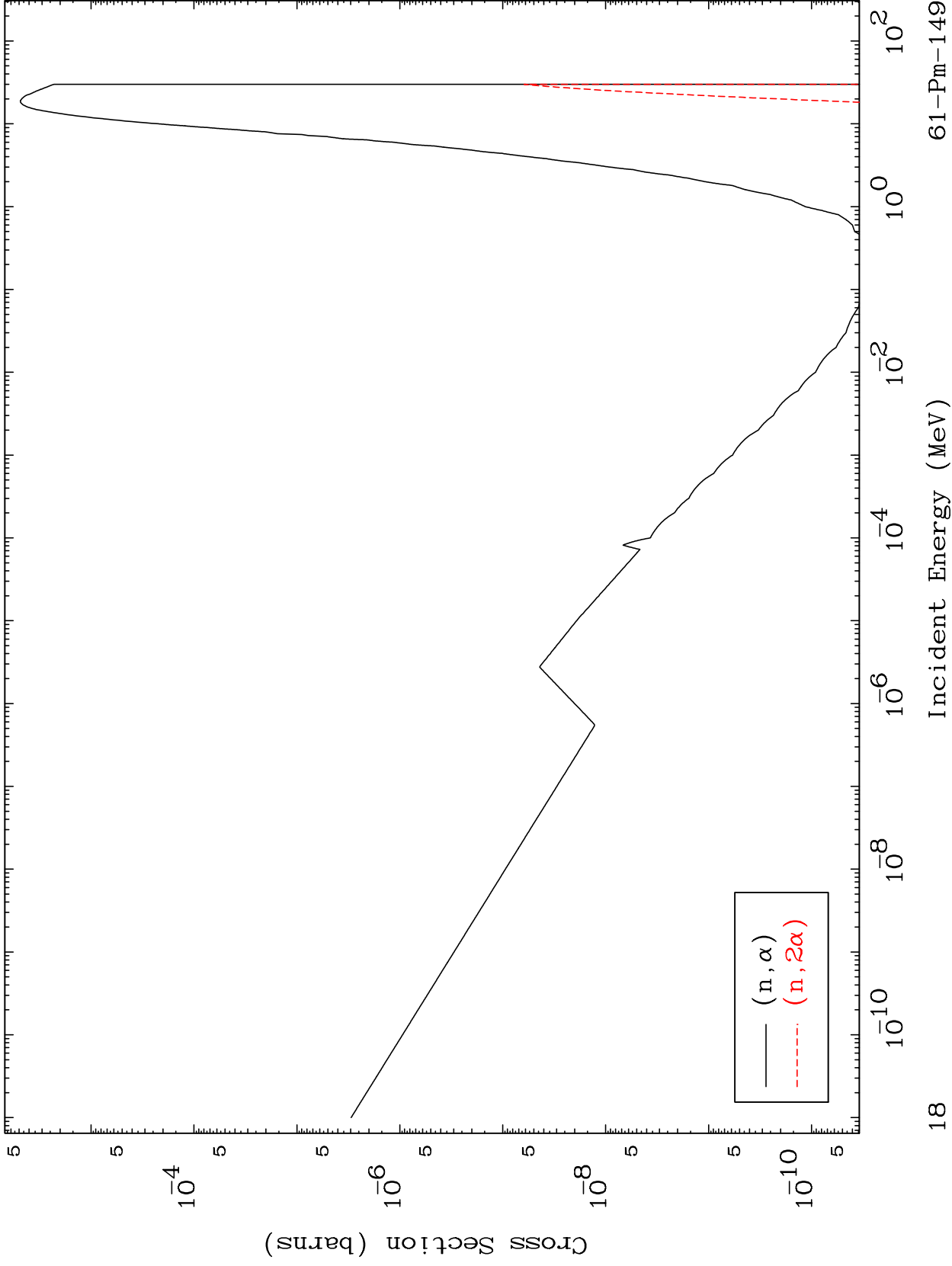
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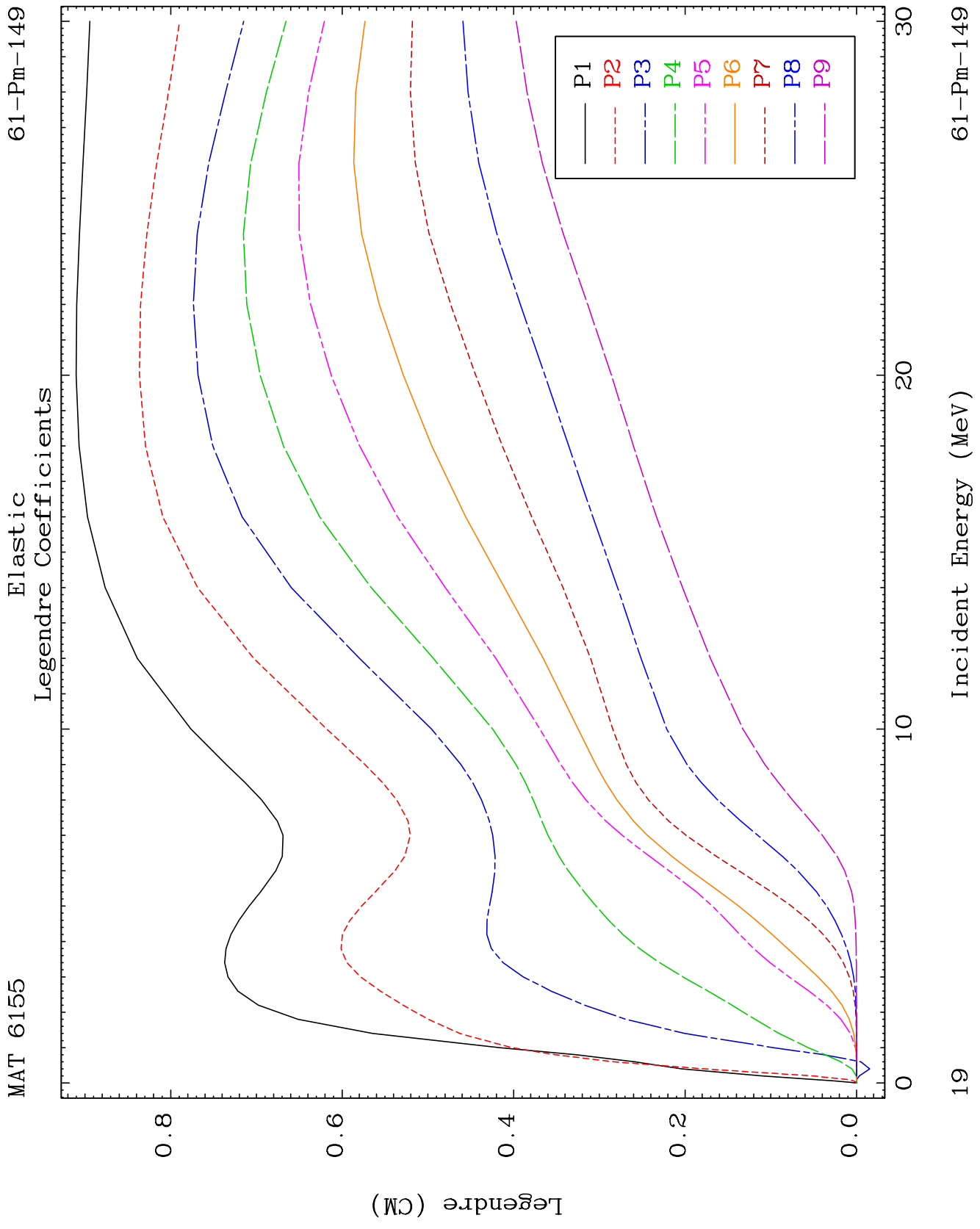
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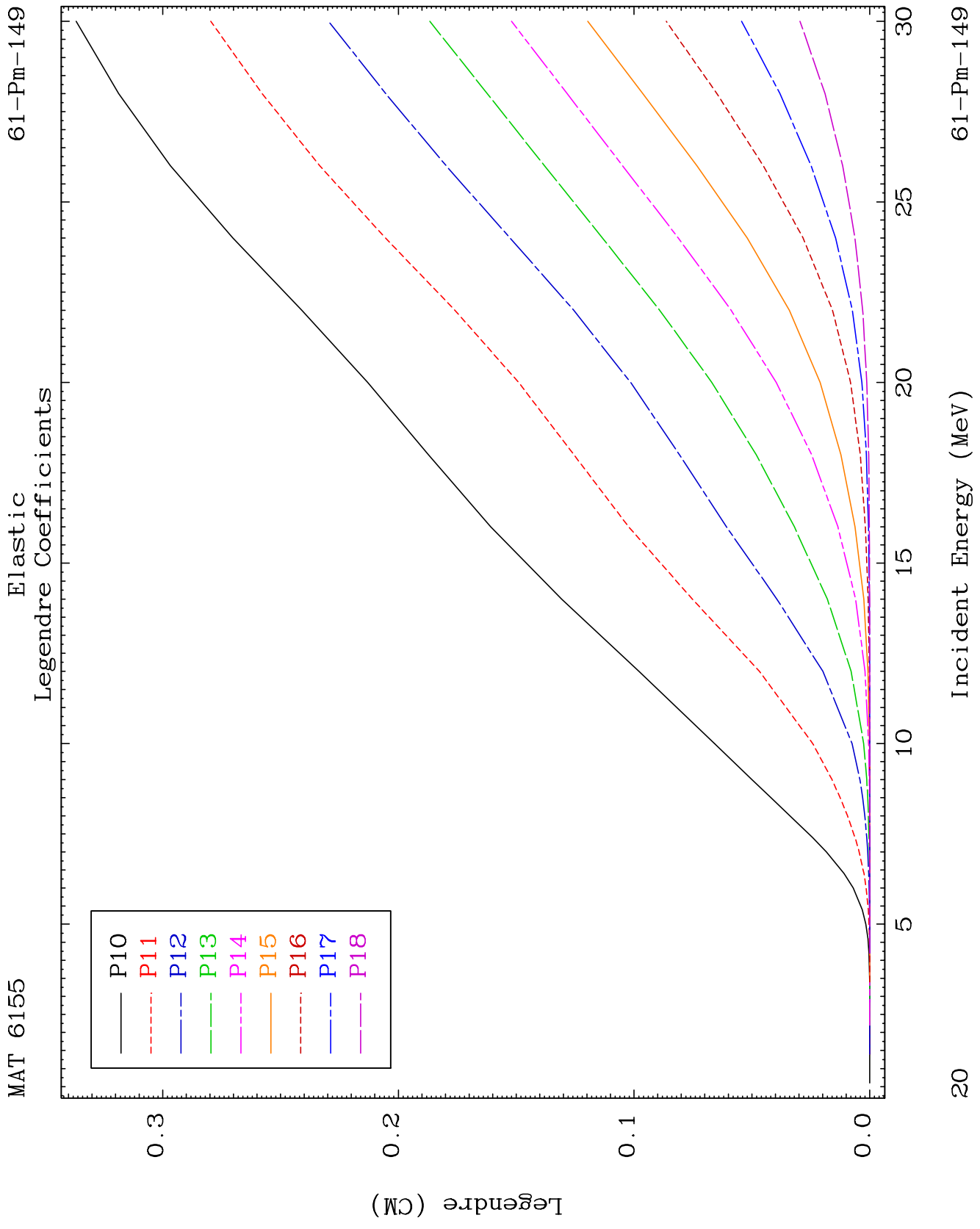
MAT 6155

(n, α) Levels
293 Kelvin Cross Sections

61-Pm-149



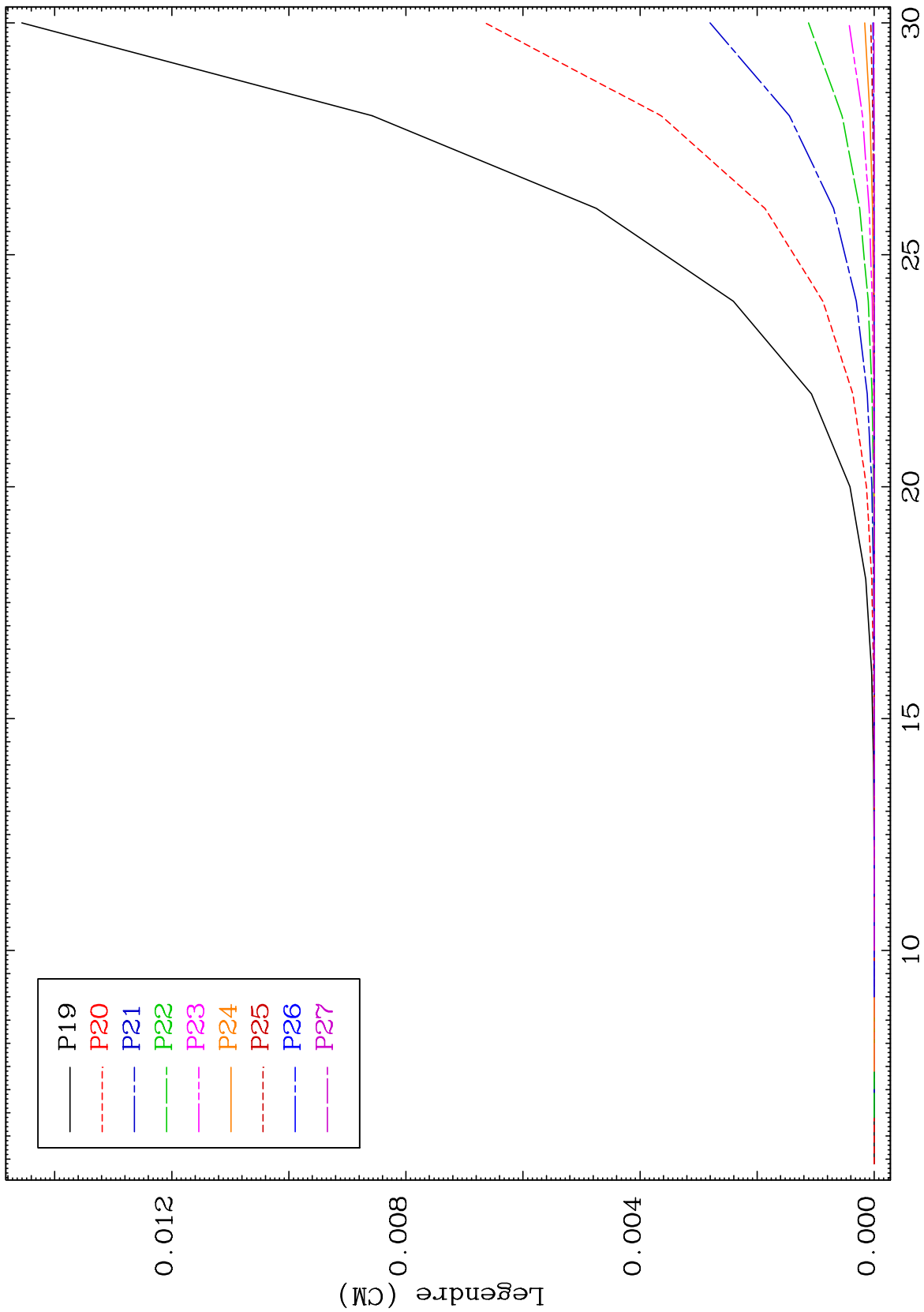




MAT 6155

Elastic
Legendre Coefficients

61-Pm-149



21

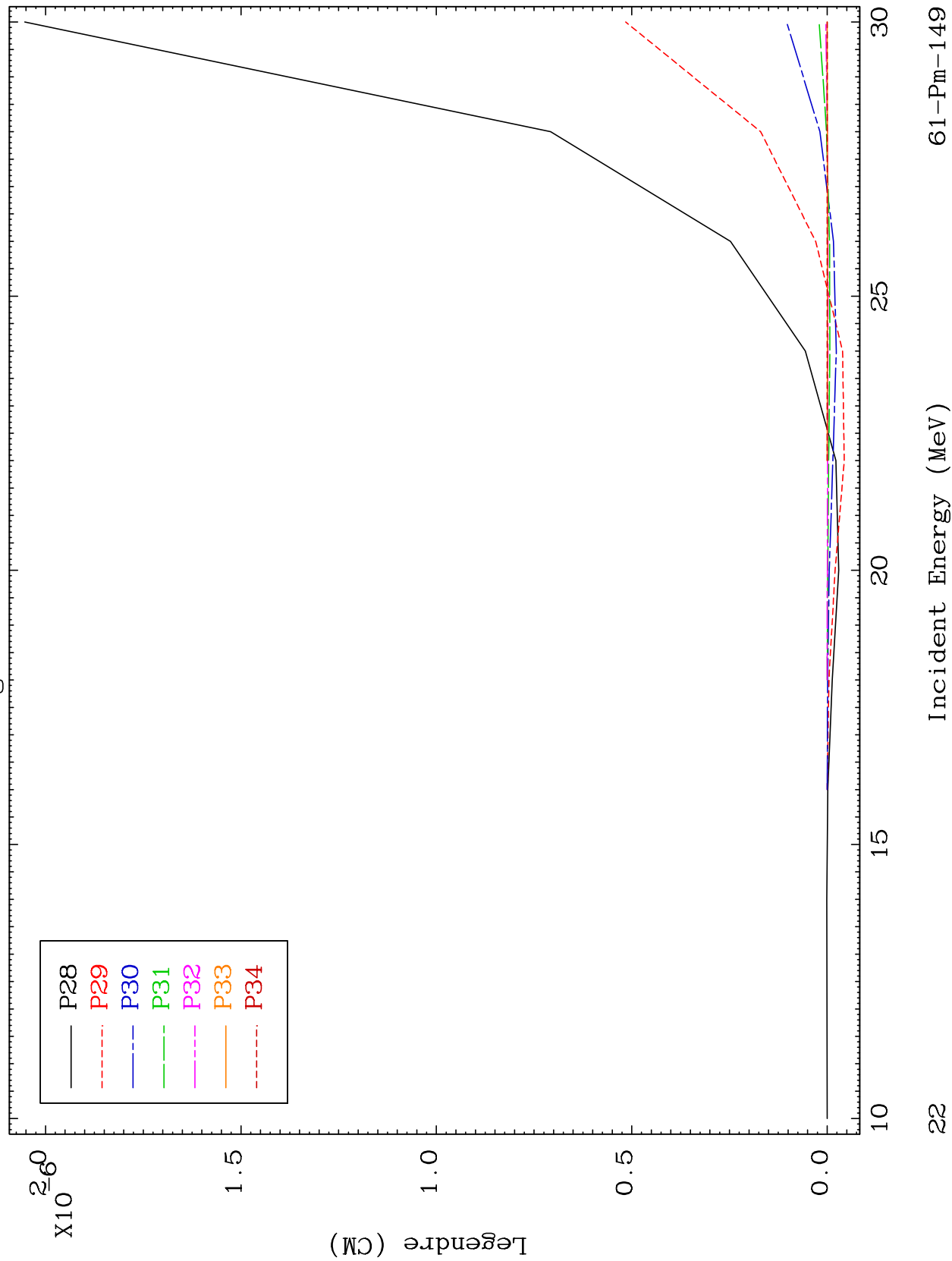
Incident Energy (MeV)

61-Pm-149

MAT 6155

Elastic
Legendre Coefficients

61-Pm-149



22

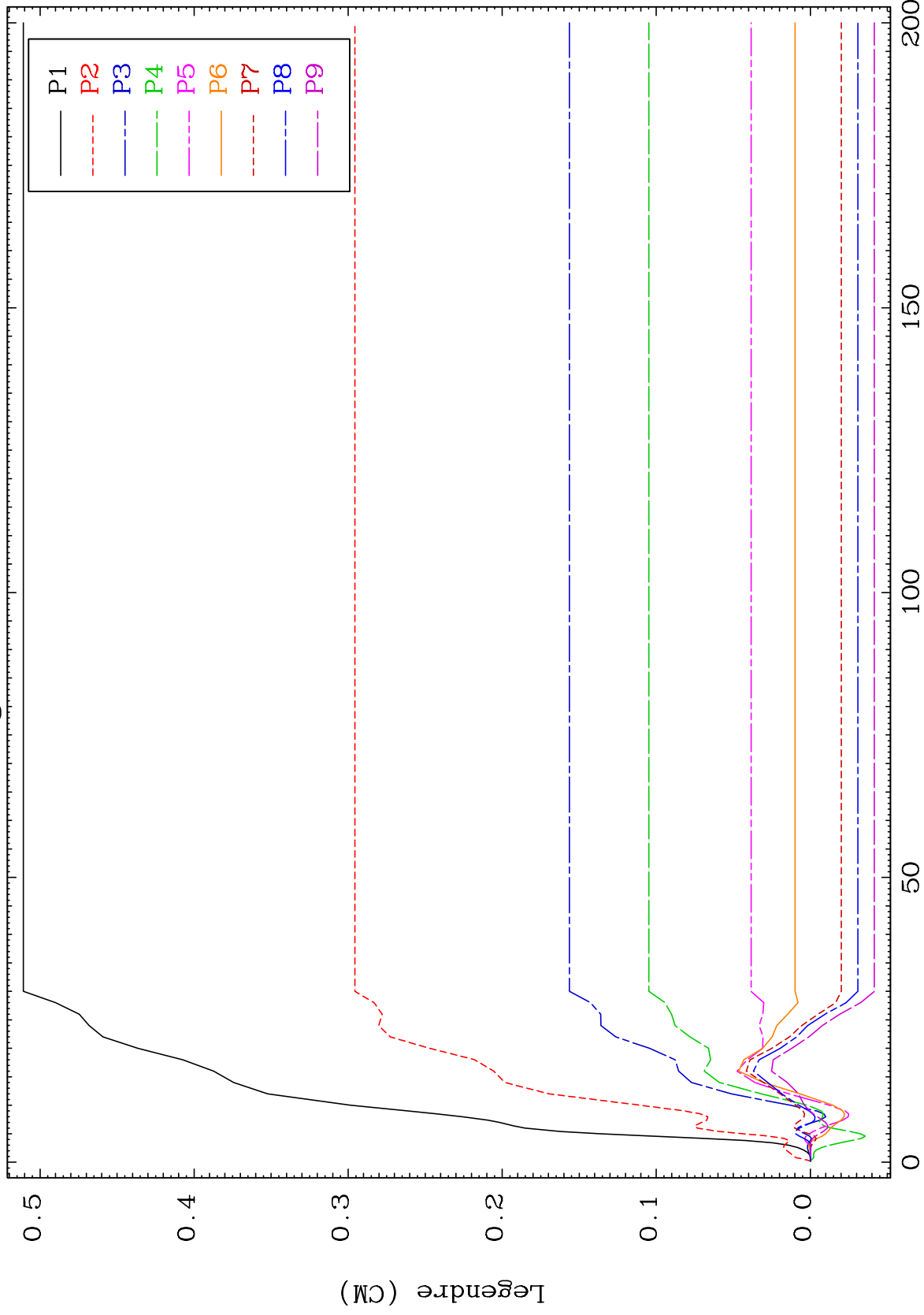
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



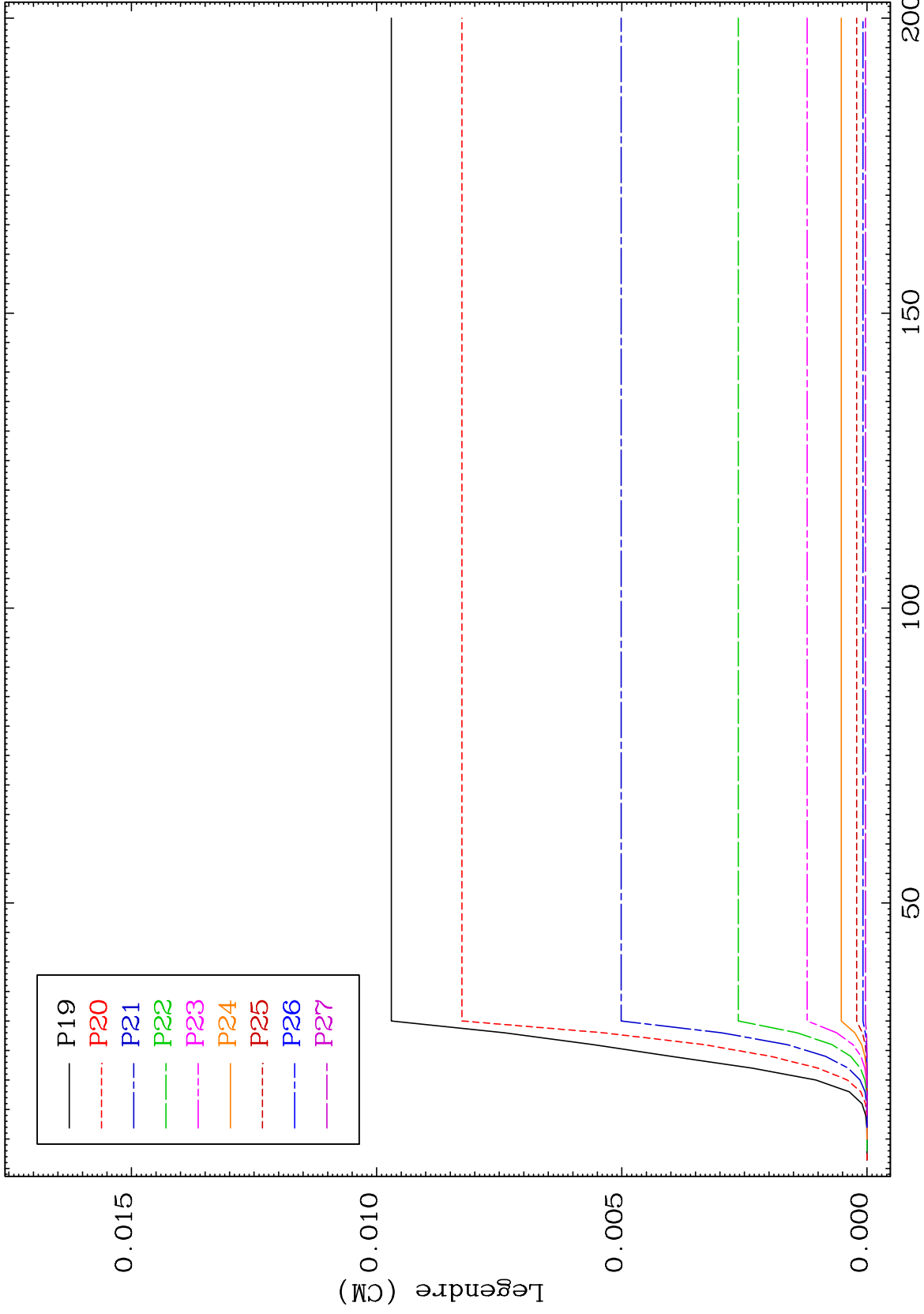
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61-Pm-149

MAT 6155

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

61-Pm-149



25

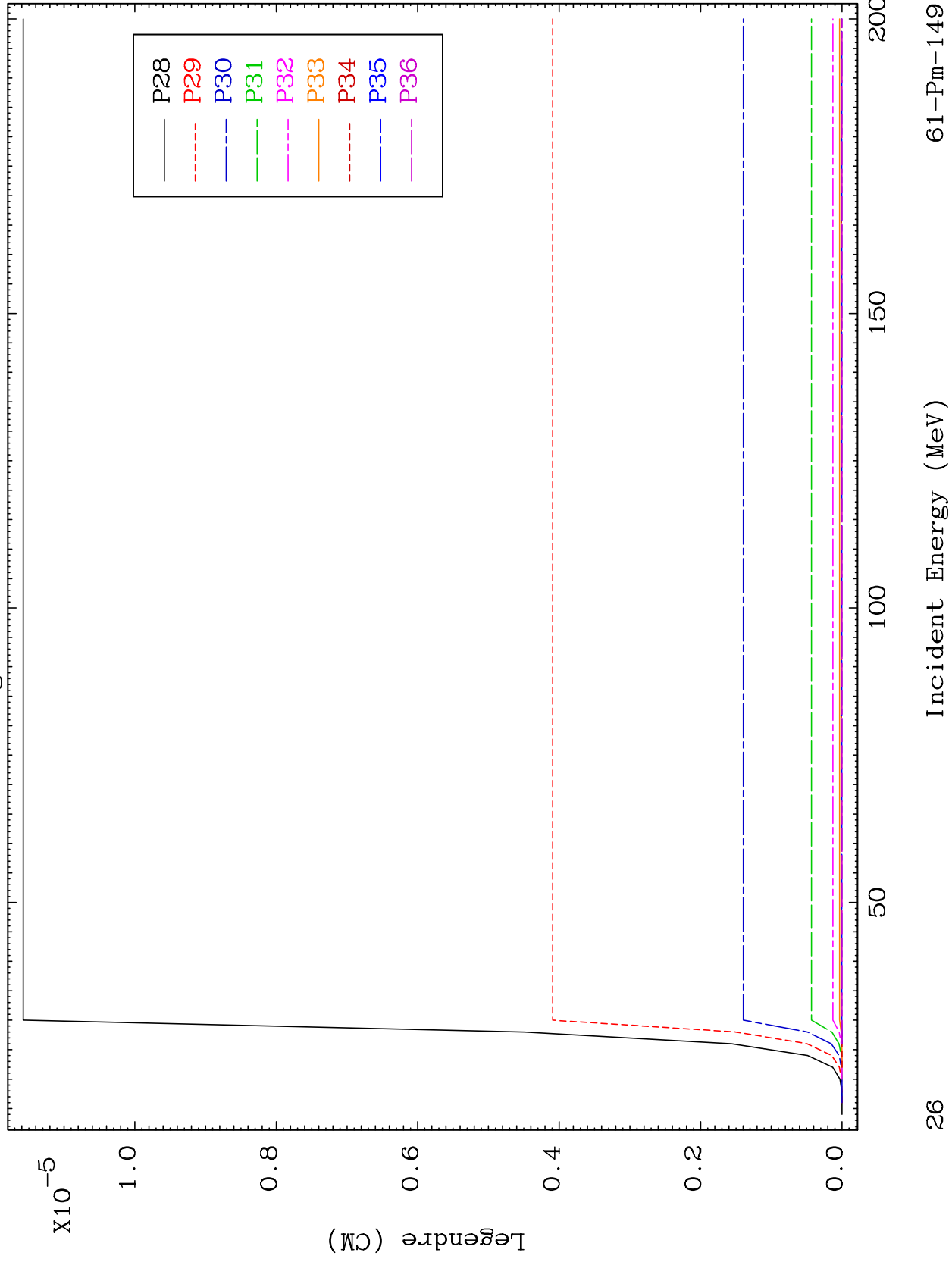
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



26

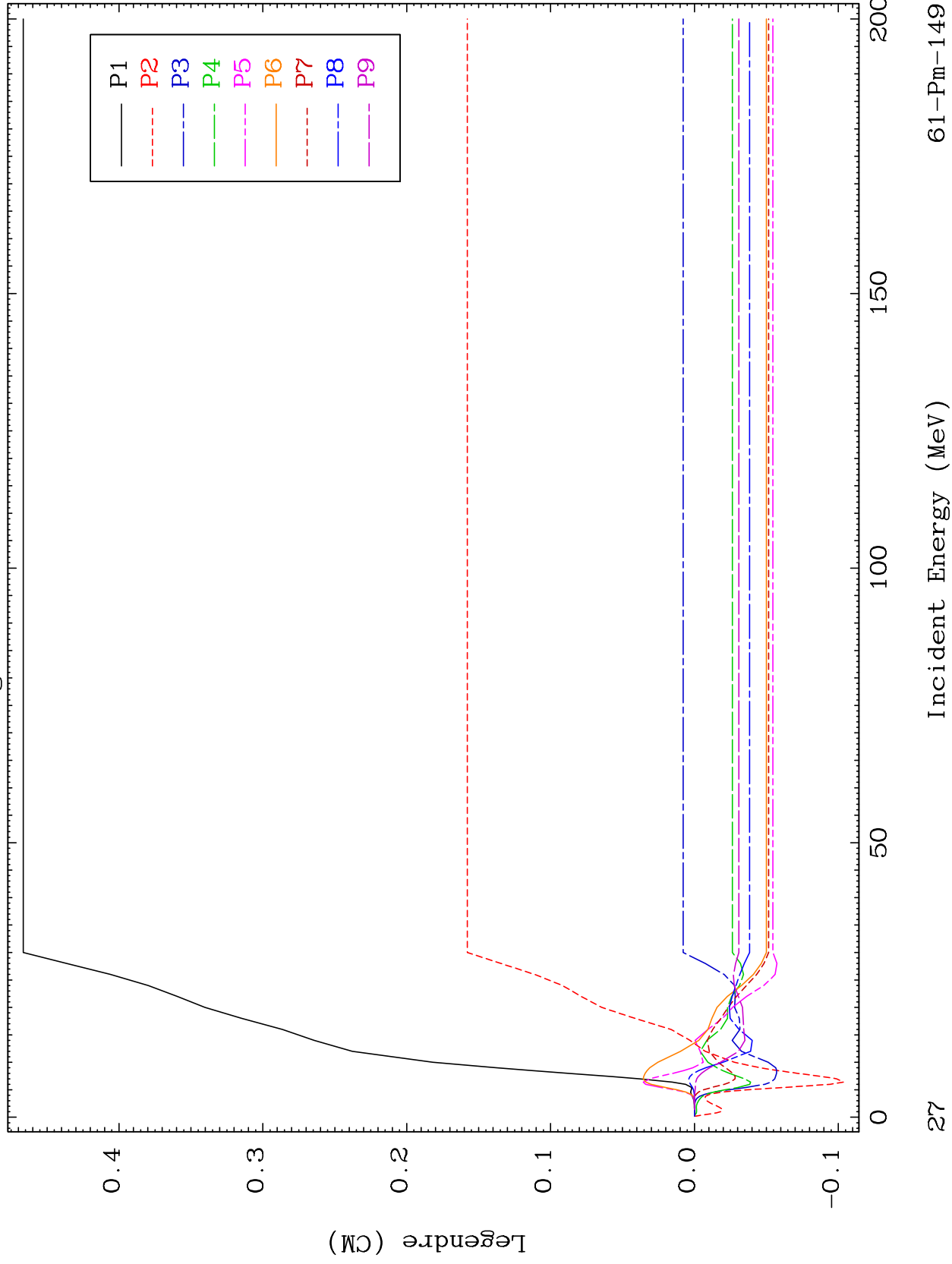
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



61-Pm-149

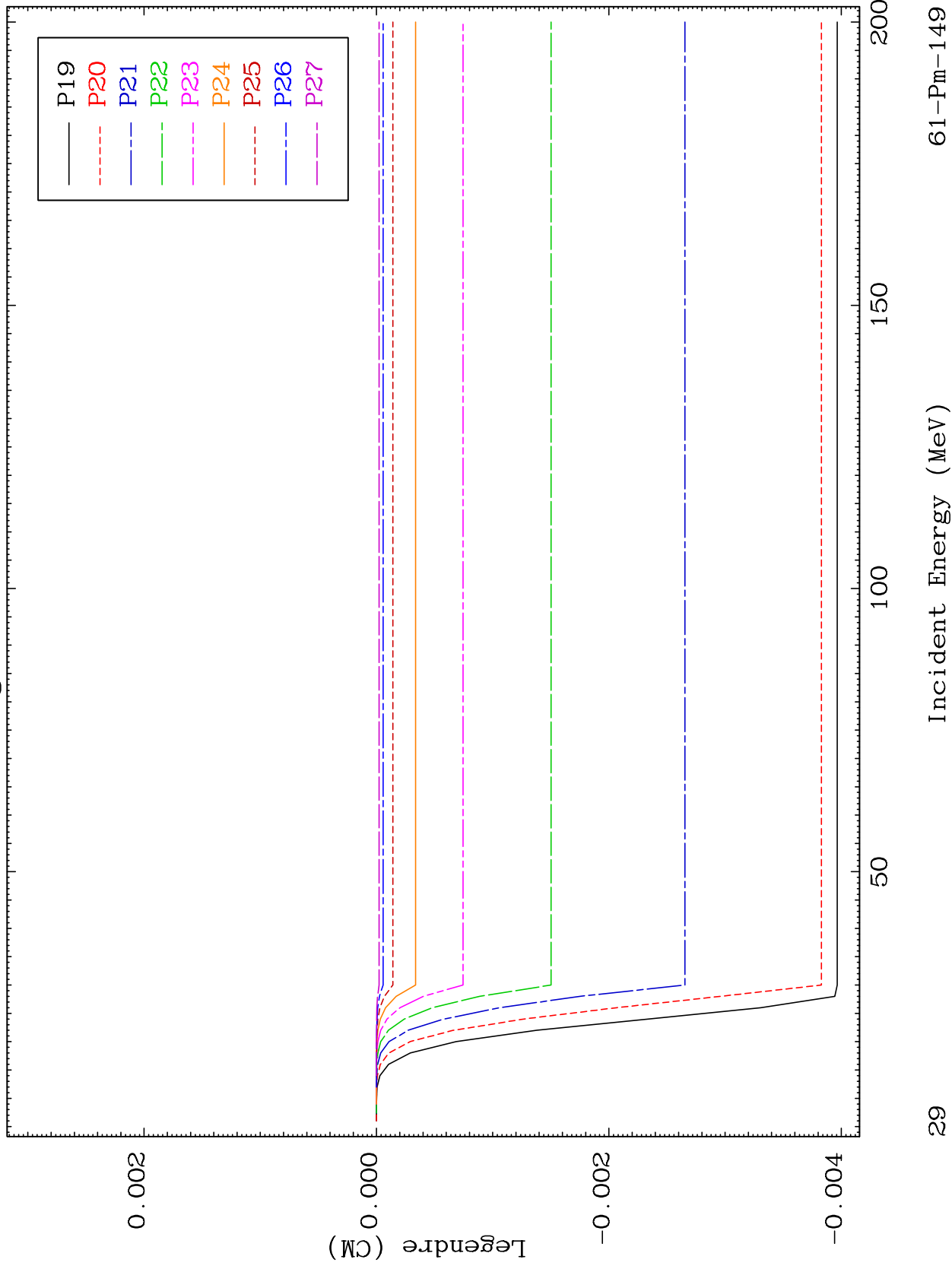
Incident Energy (MeV)

27

MAT 6155

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

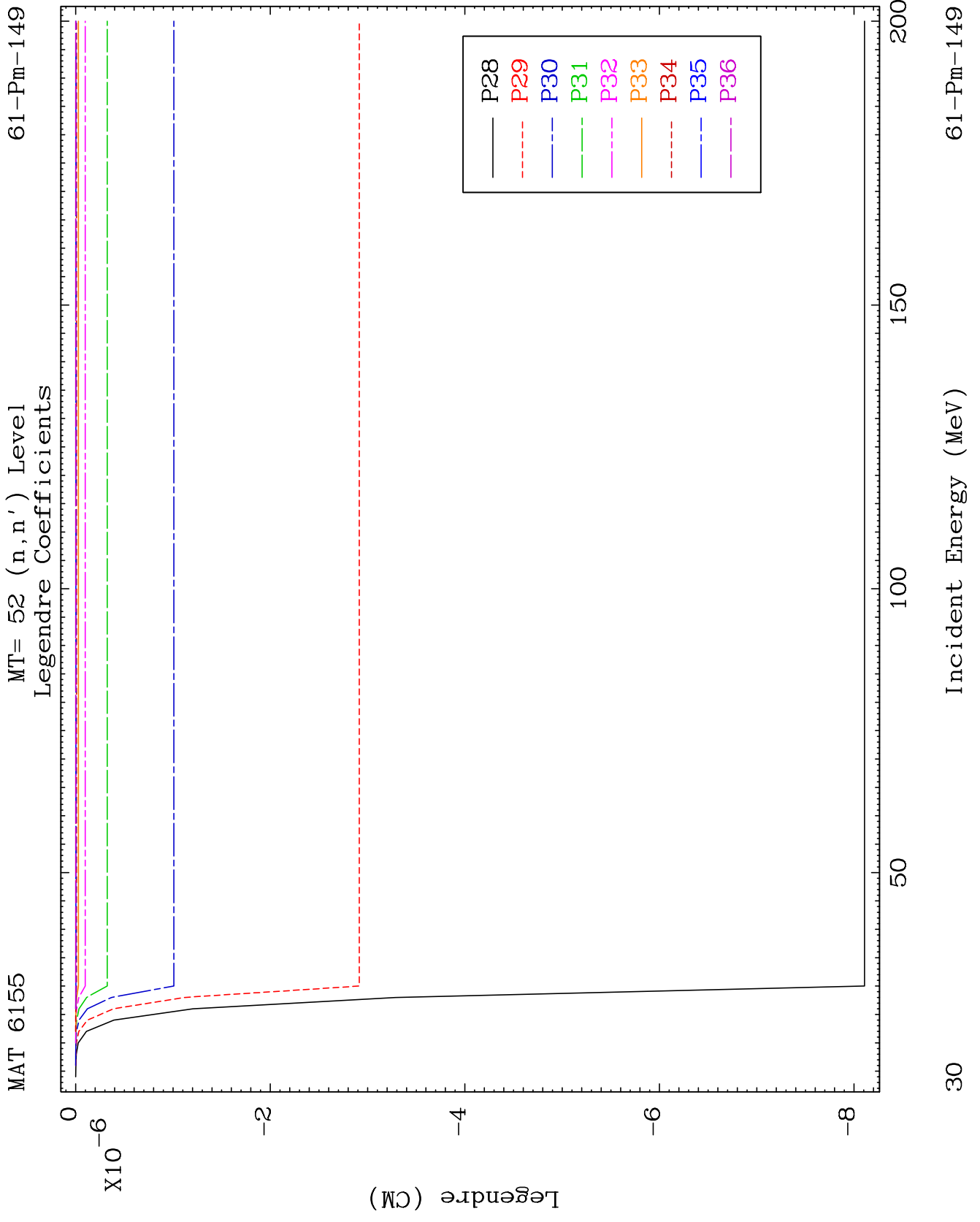
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29

Incident Energy (MeV)

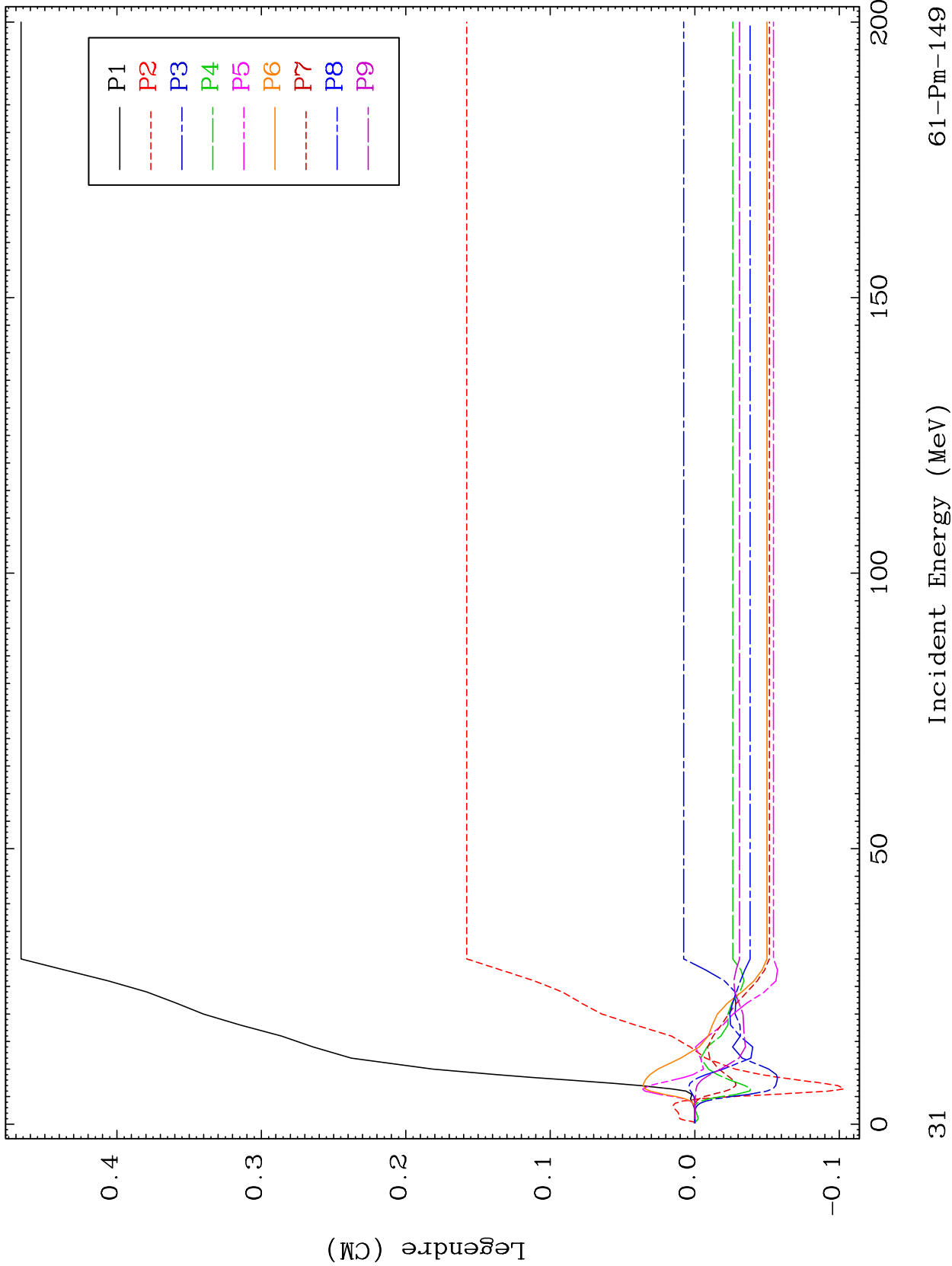
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MAT 6155

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

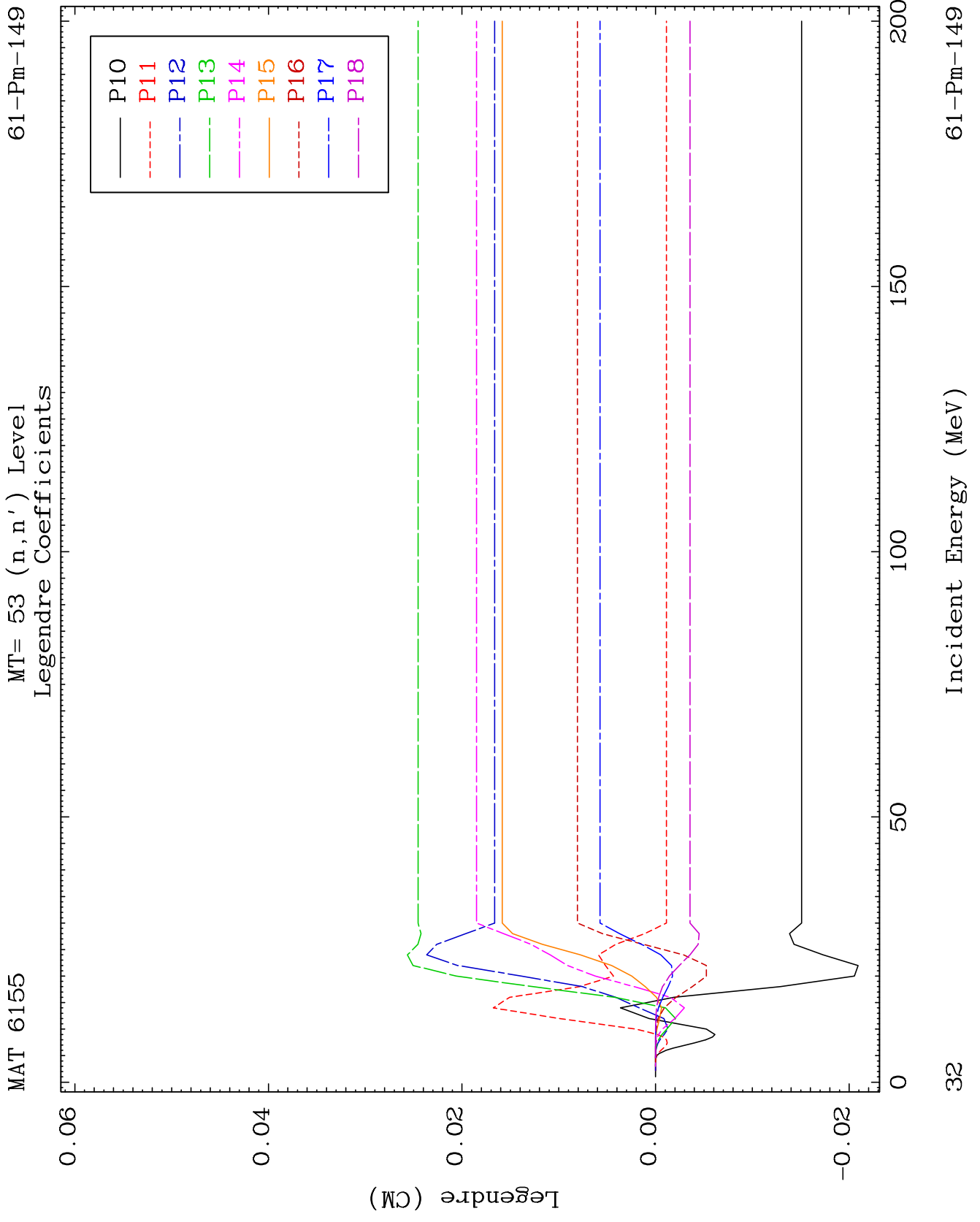
61-Pm-149



61-Pm-149

Incident Energy (MeV)

31



61-Pm-149

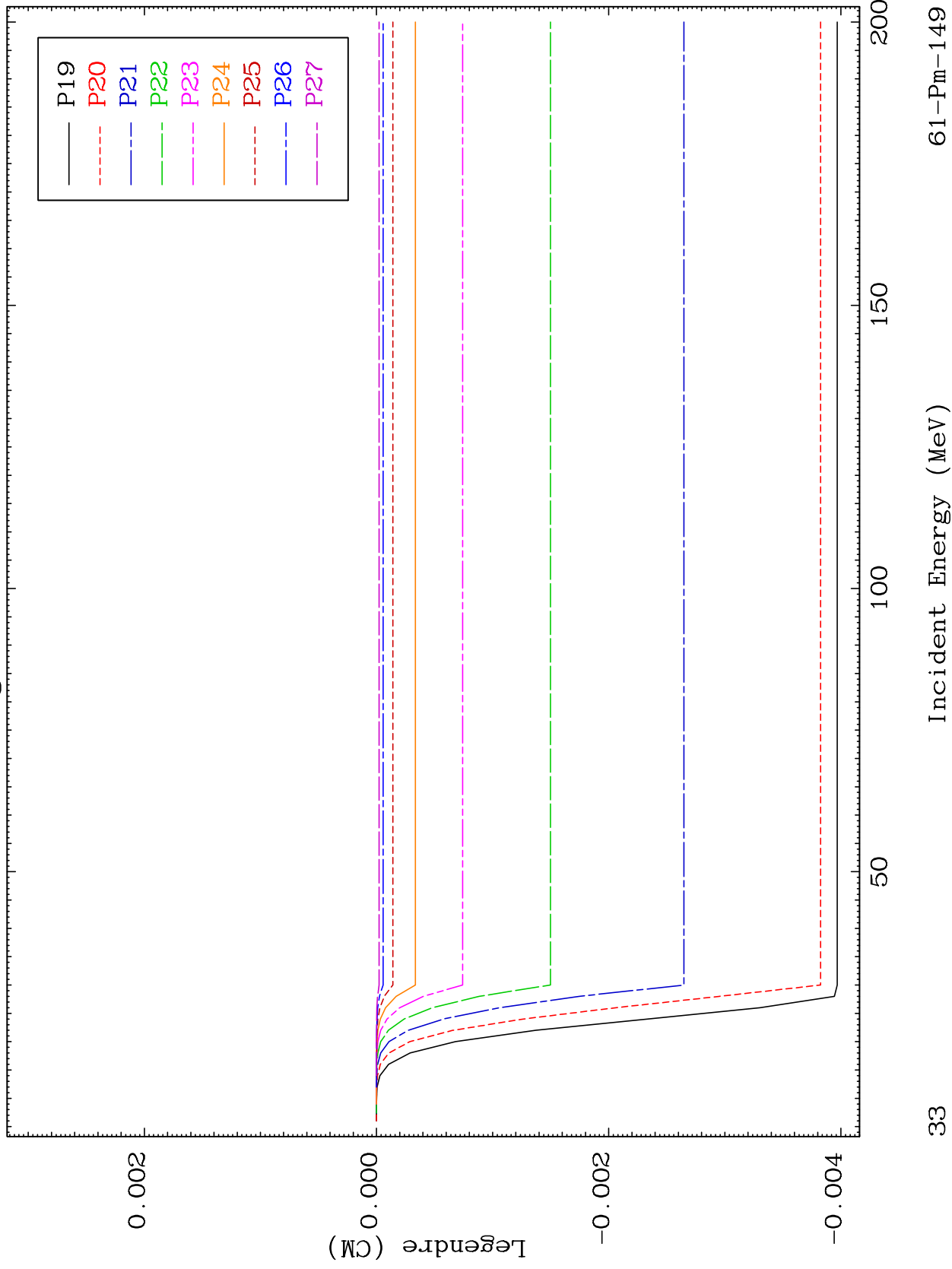
Incident Energy (MeV)

32

MAT 6155

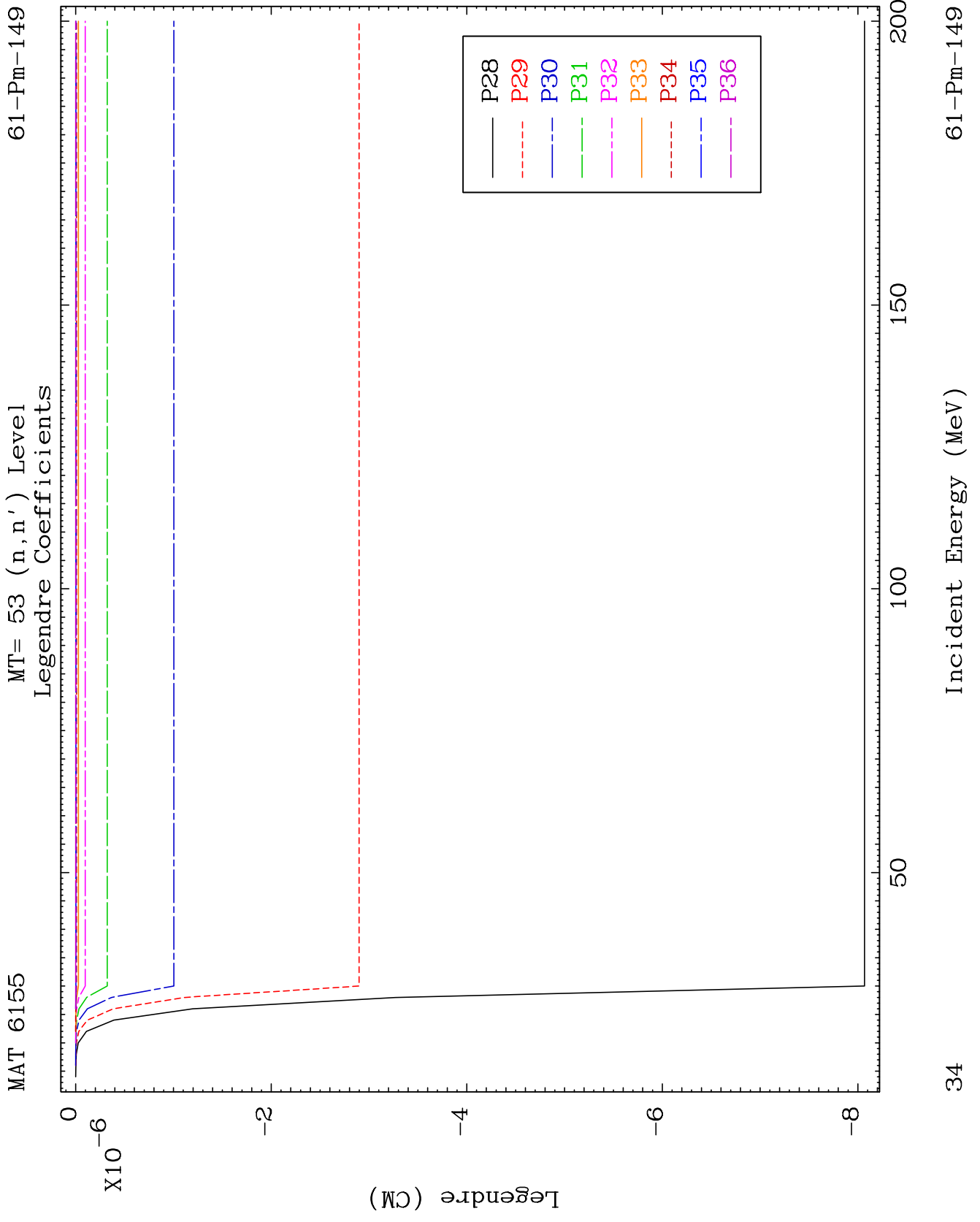
MT= 53 (n,n') Level
Legendre Coefficients

61-Pm-149



33

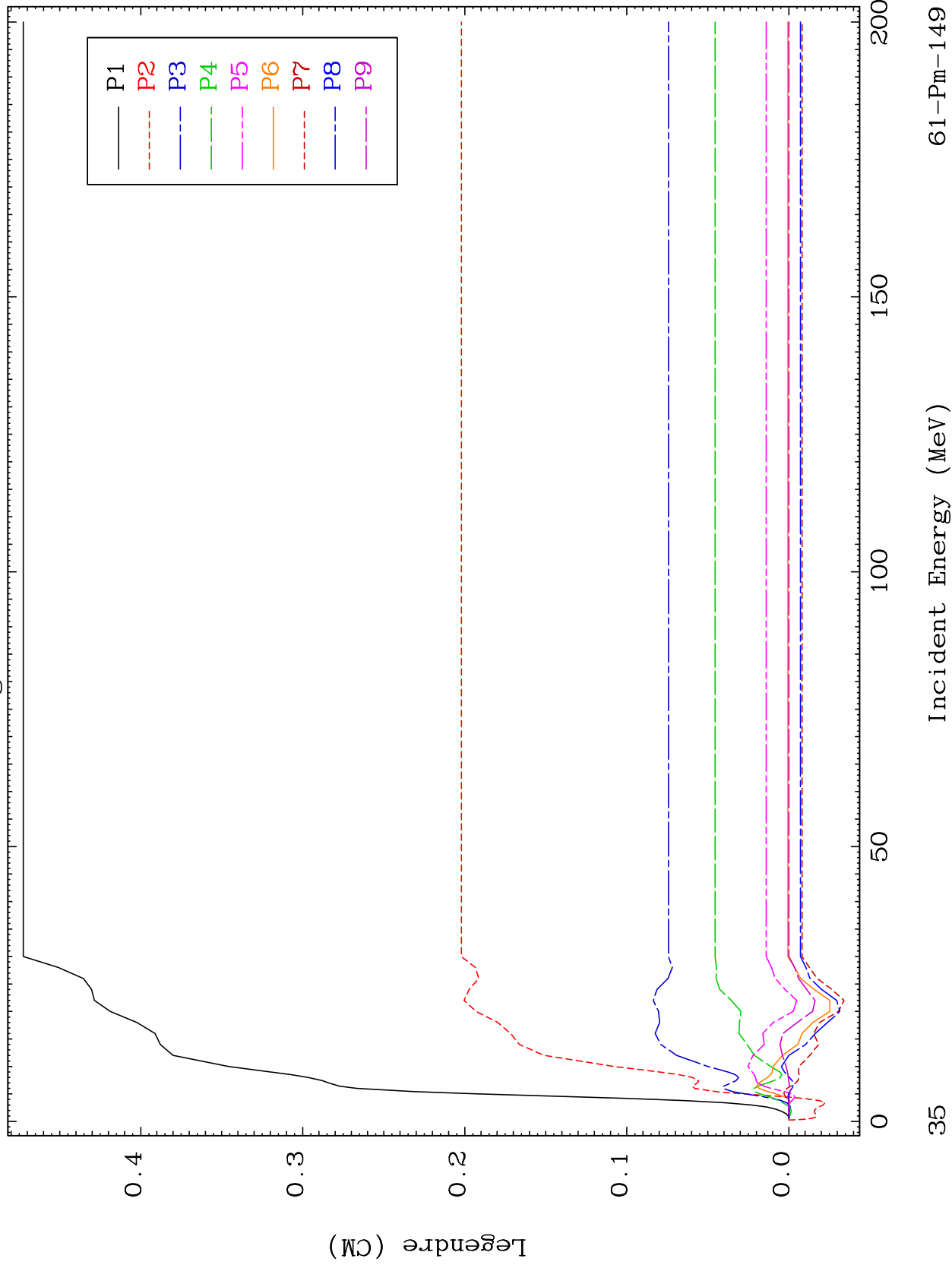
61-Pm-149



MAT 6155

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

61-Pm-149



61-Pm-149

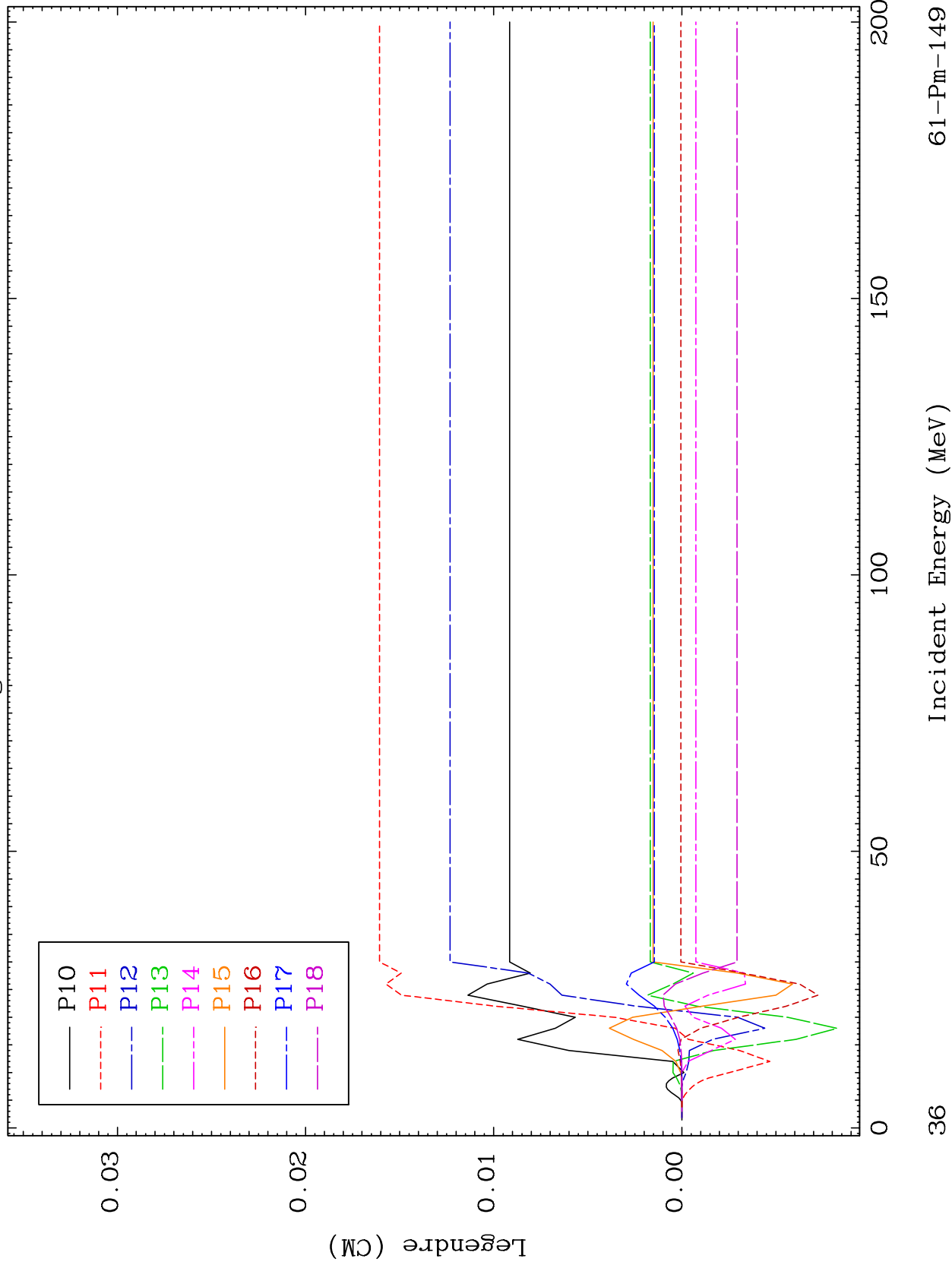
Incident Energy (MeV)

35

MAT 6155

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

61-Pm-149



36

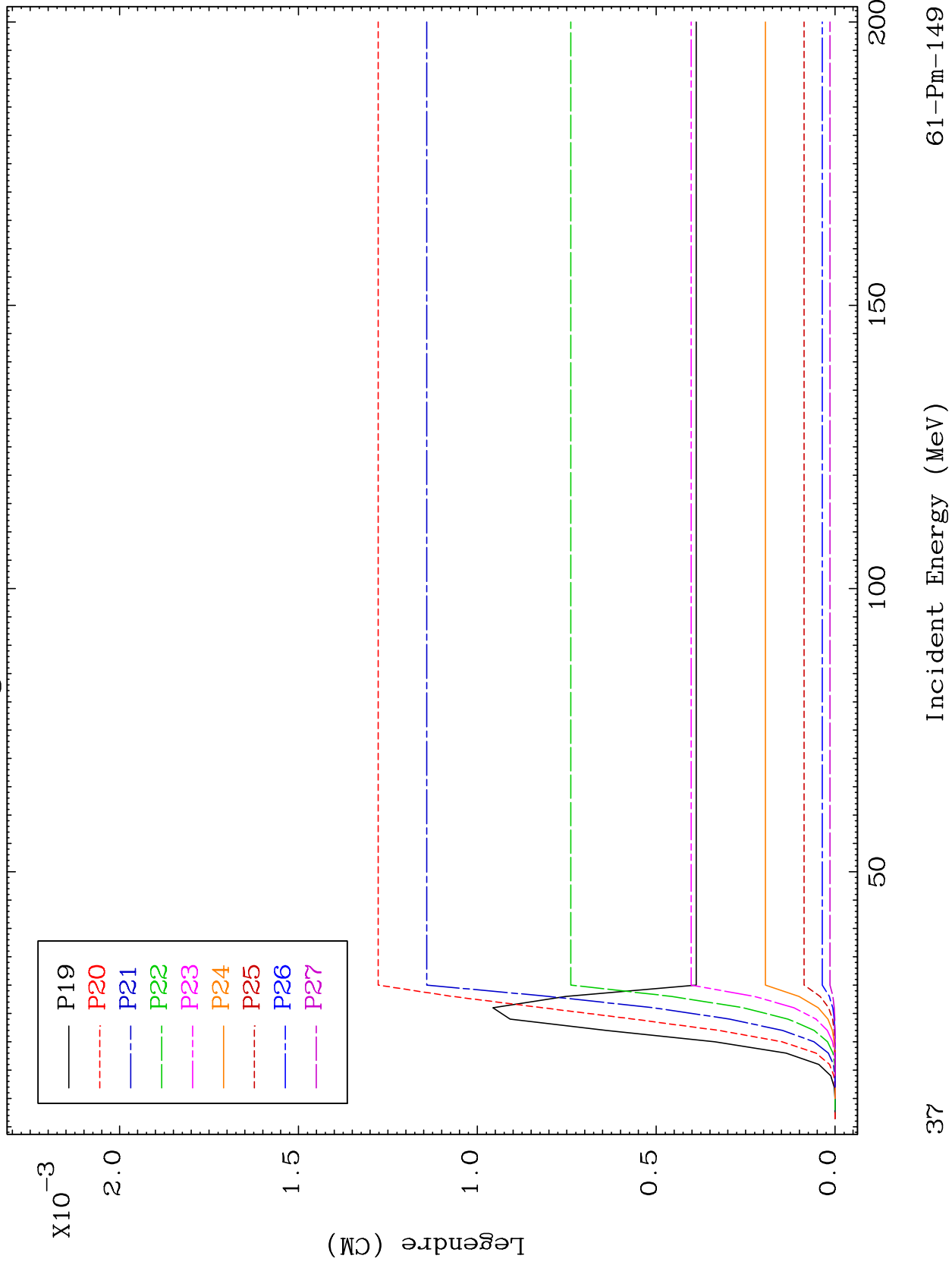
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



37

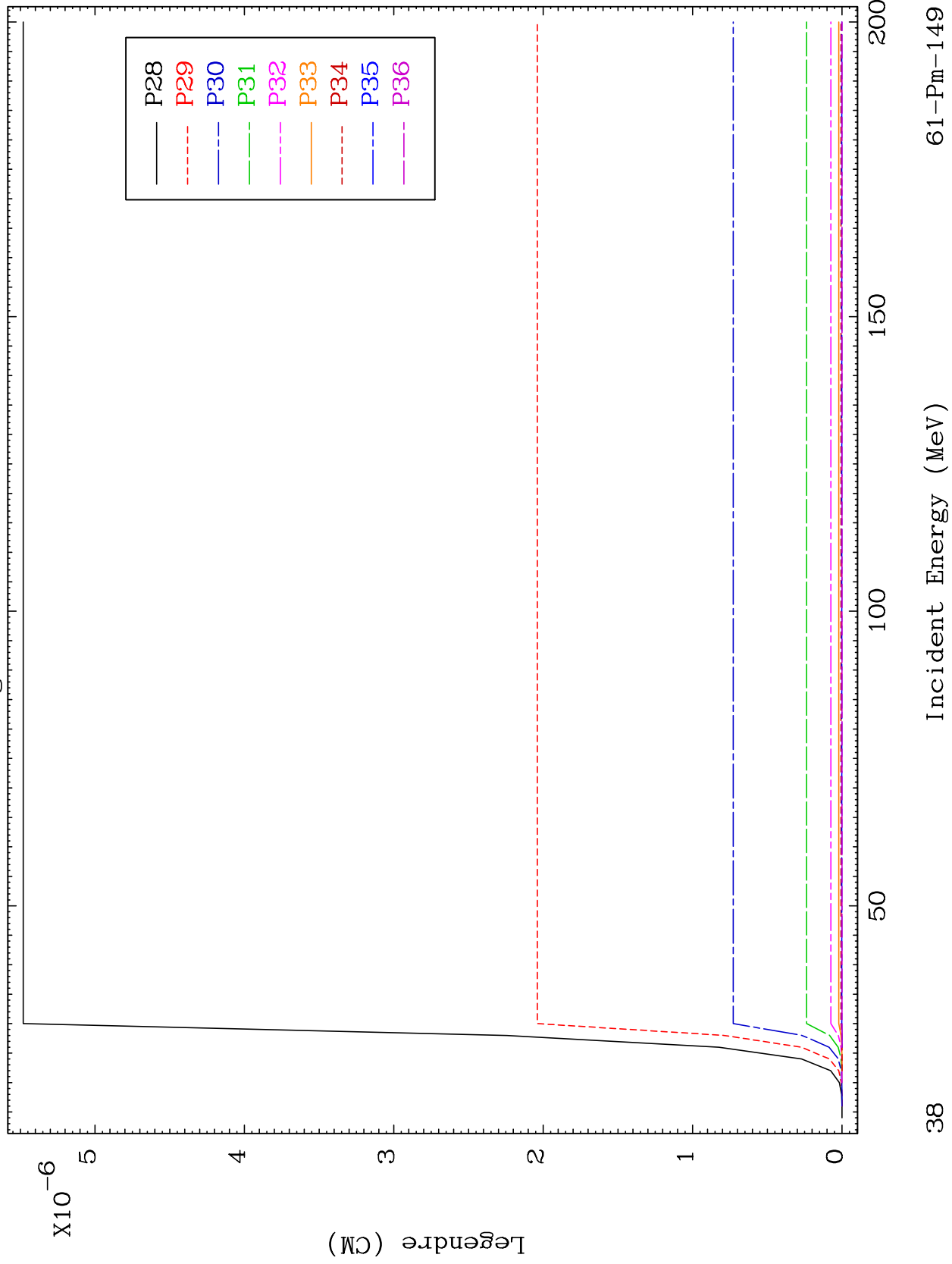
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



38

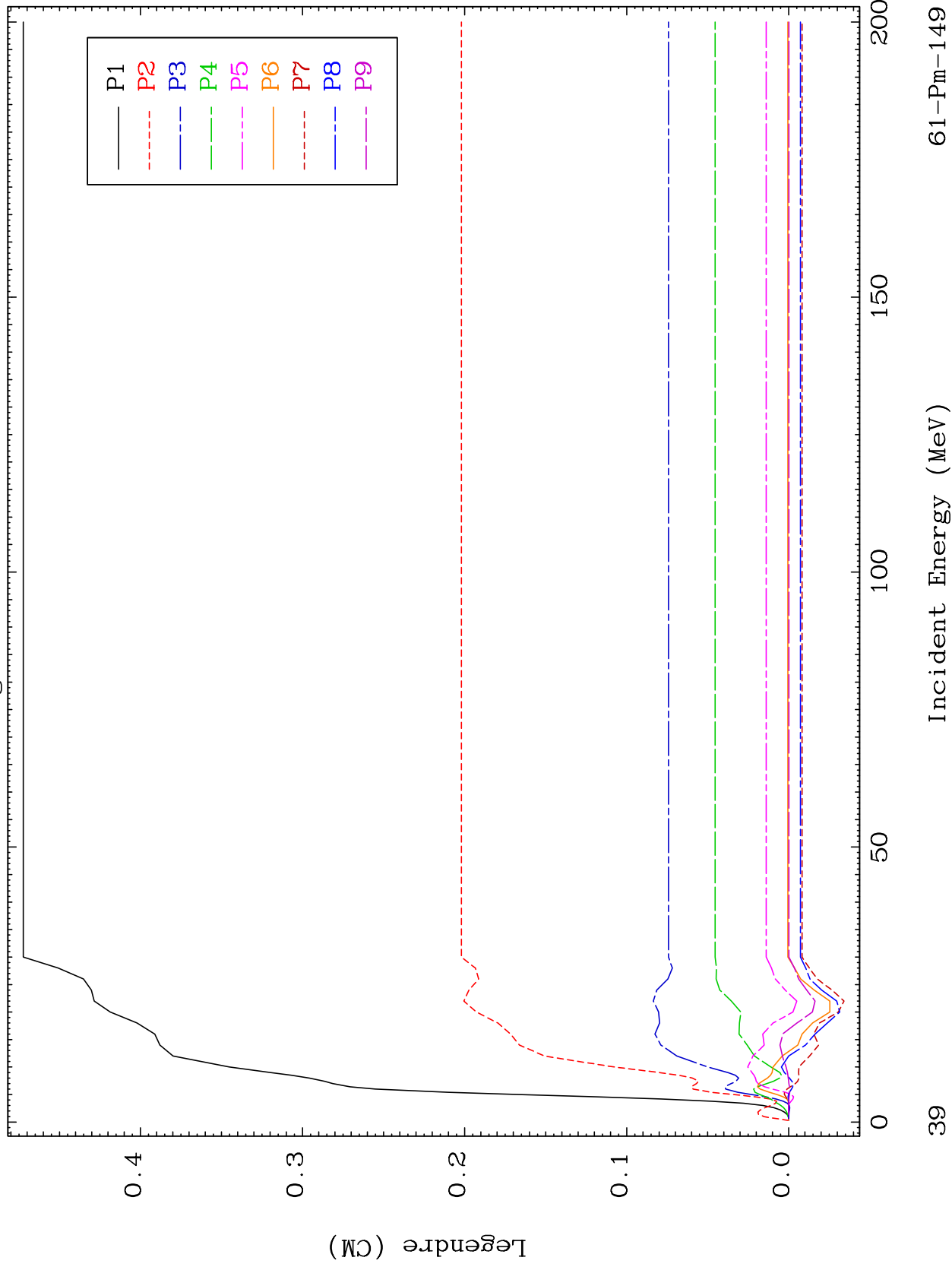
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



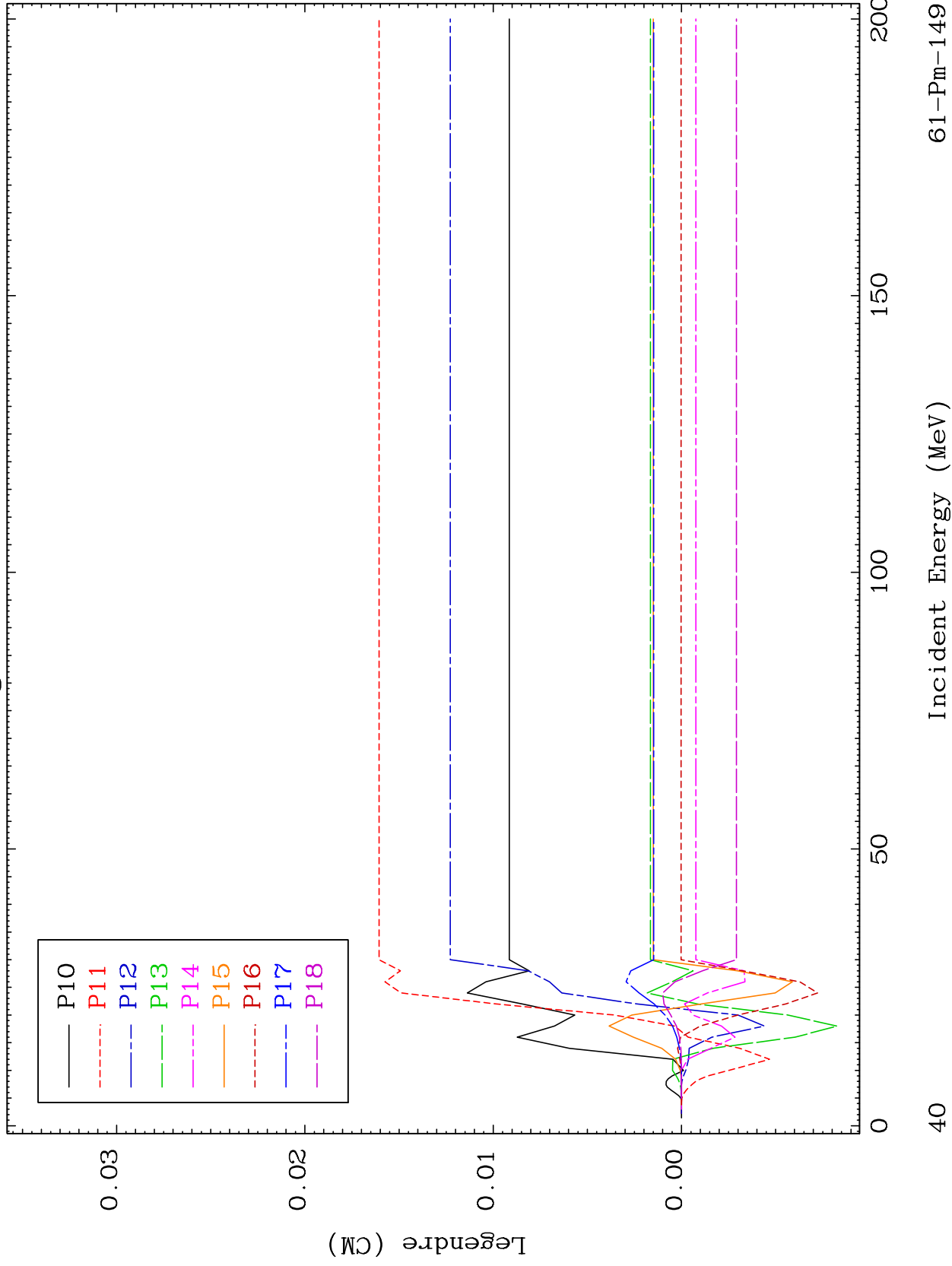
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Incident Energy (MeV)

MAT 6155

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

61-Pm-149



61-Pm-149

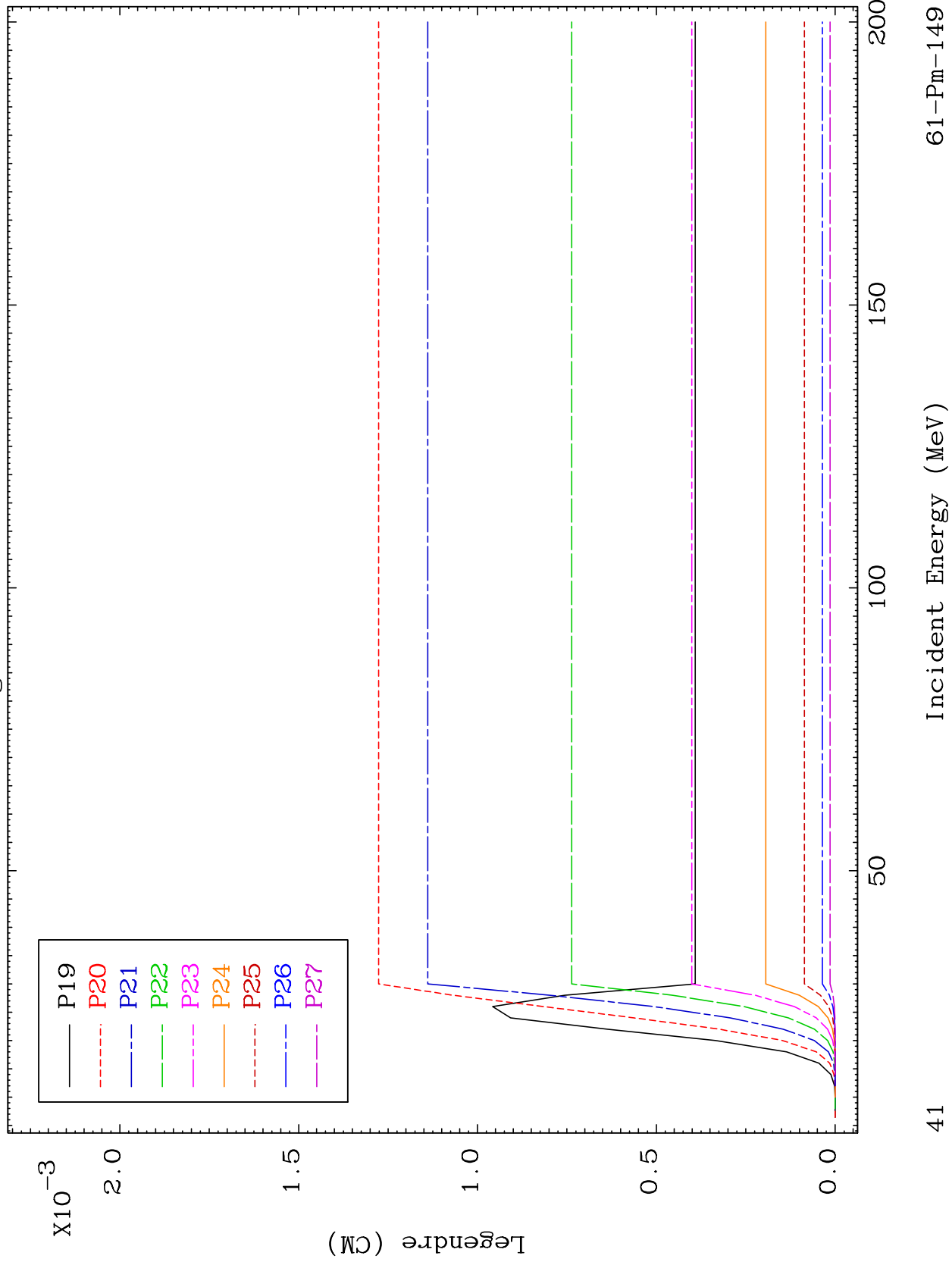
Incident Energy (MeV)

40

MAT 6155

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

61-Pm-149



41

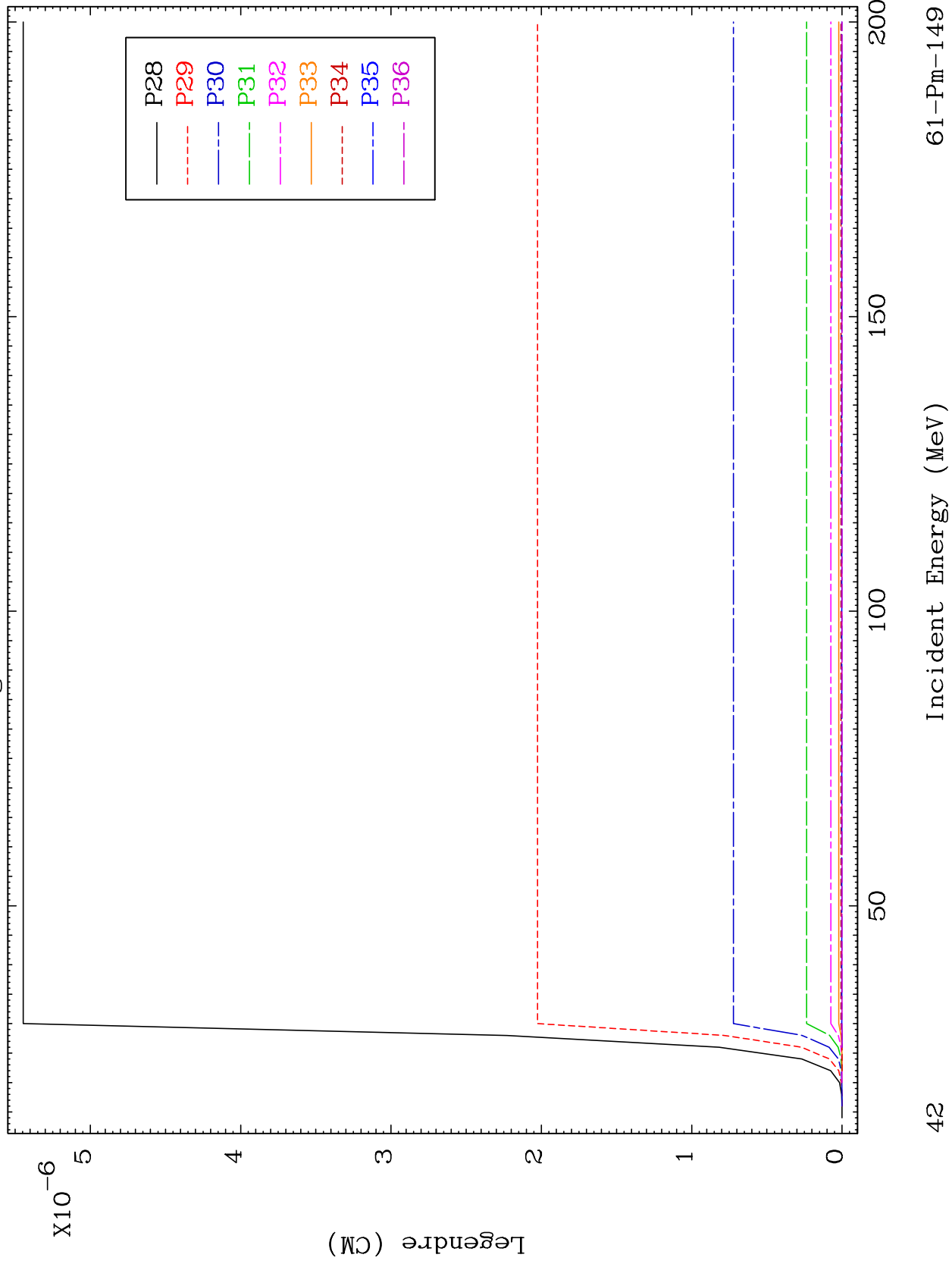
Incident Energy (MeV)

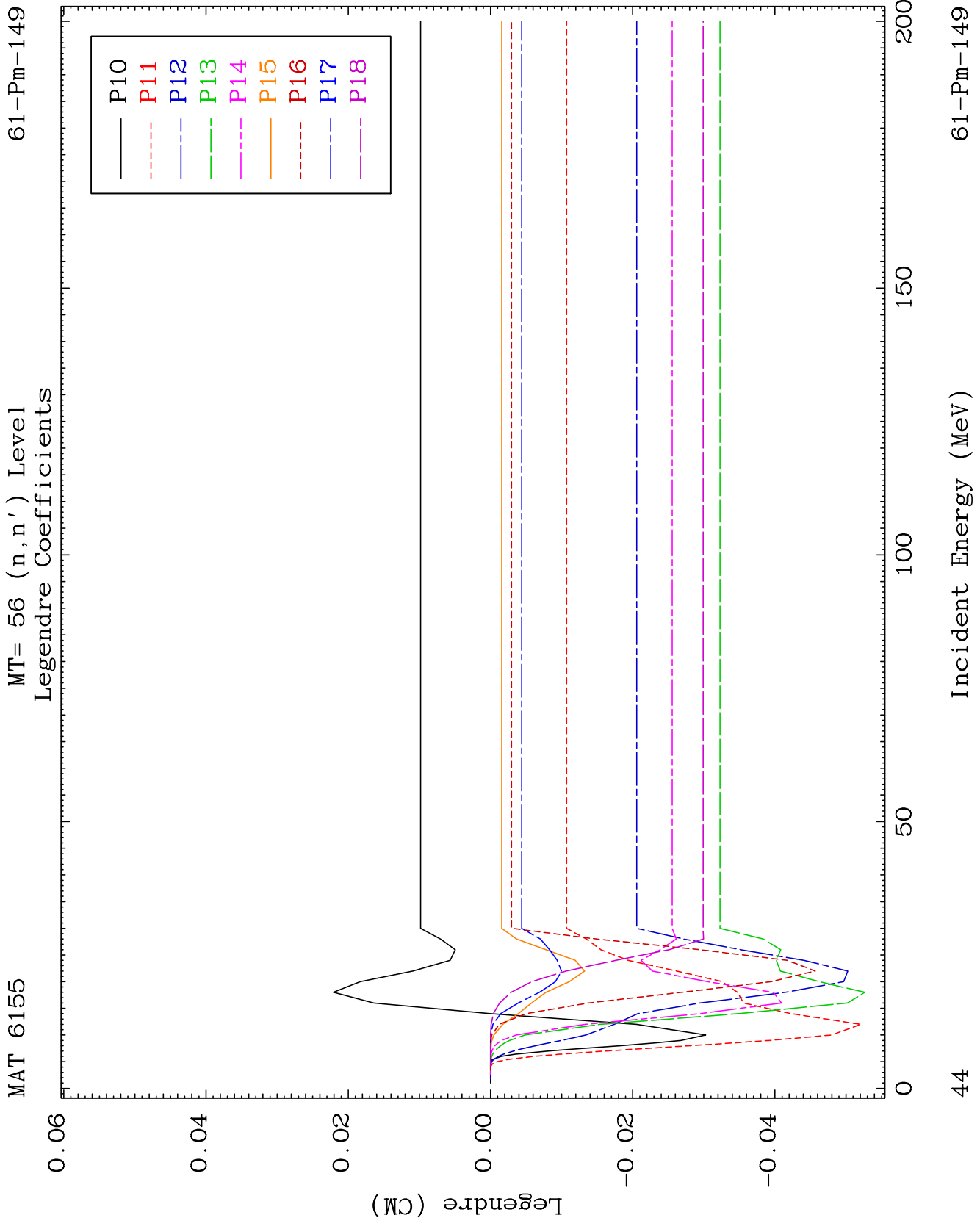
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MAT 6155

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

61-Pm-149

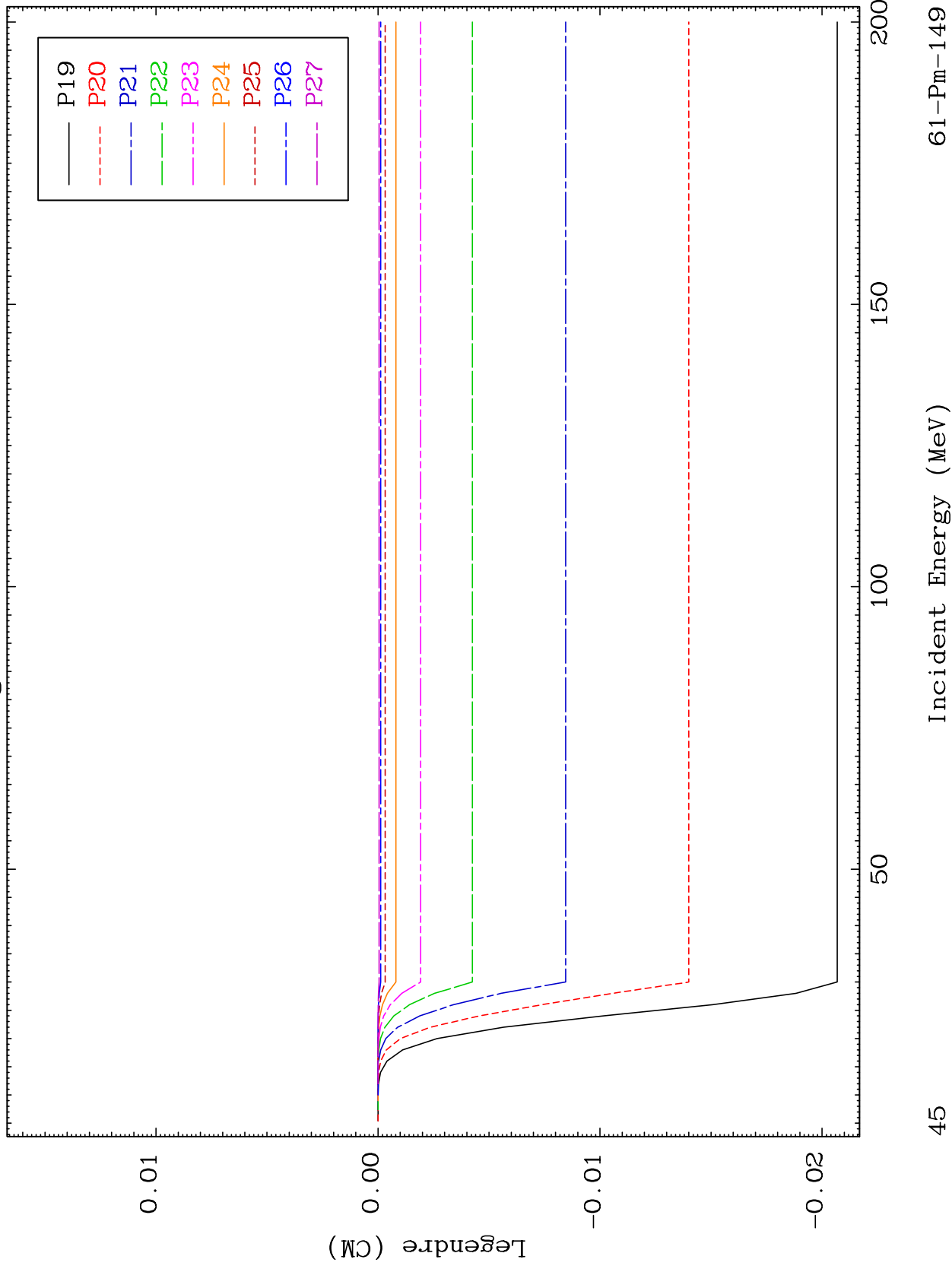




MAT 6155

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

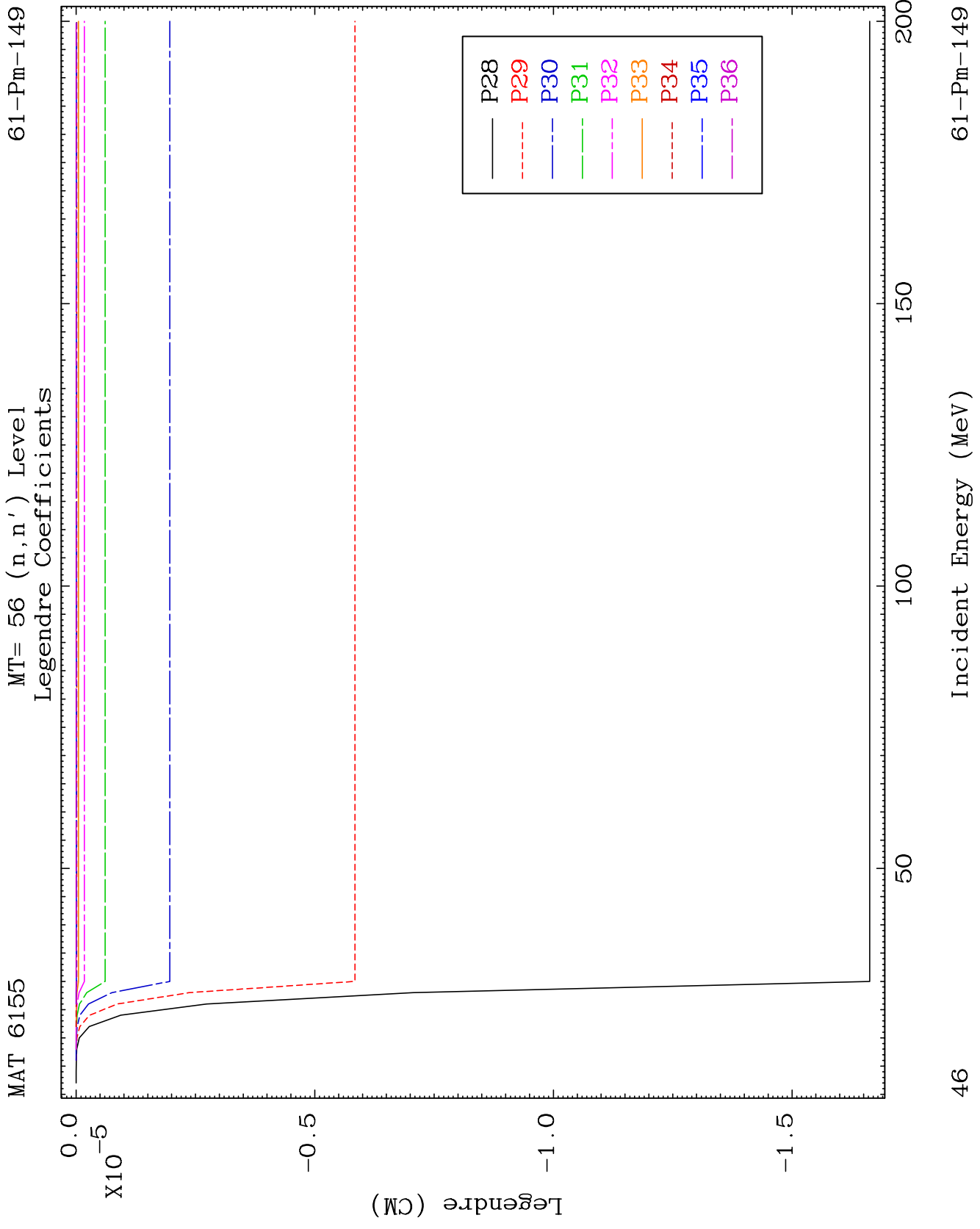
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61-Pm-149

Incident Energy (MeV)

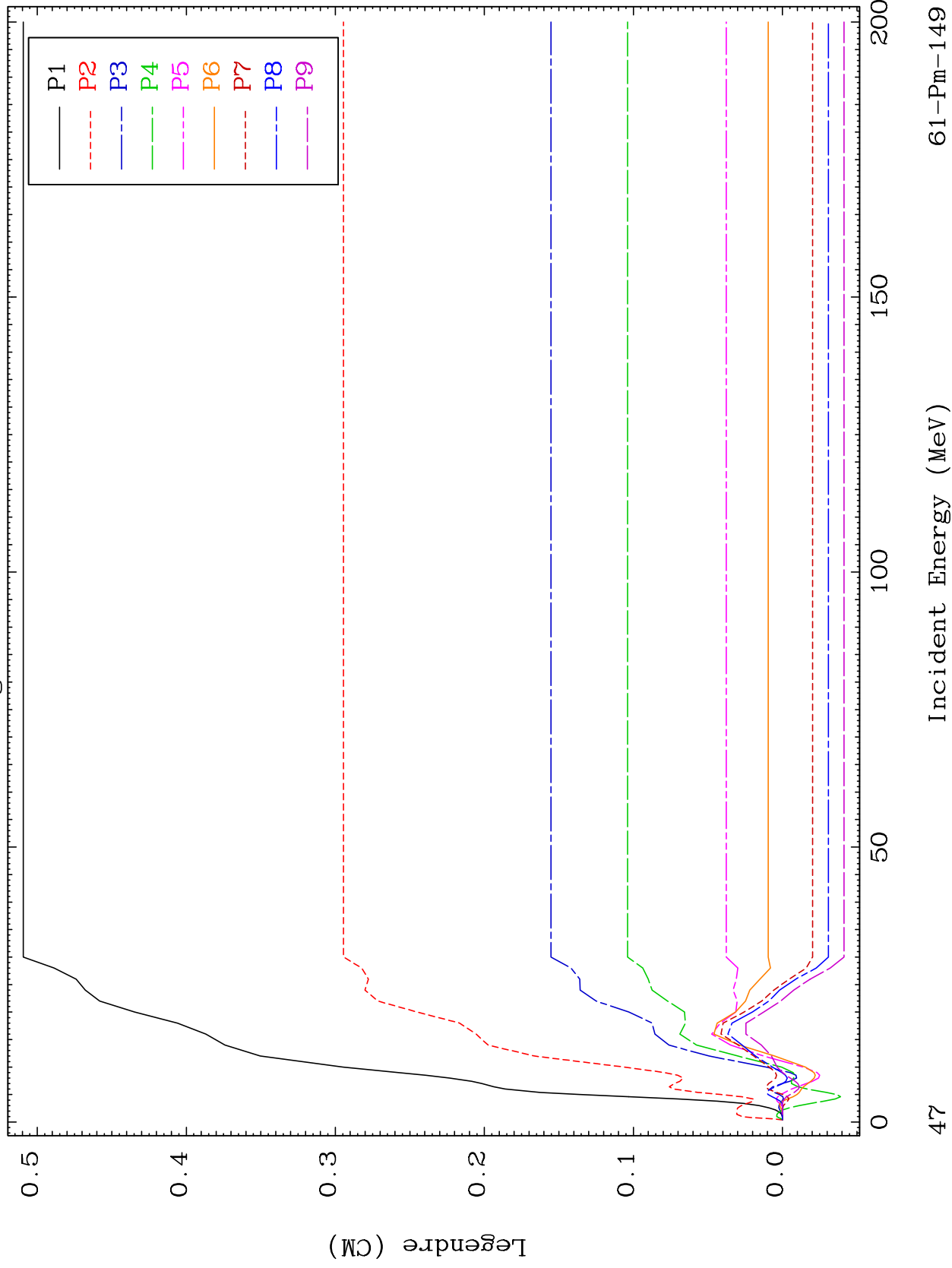
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MAT 6155

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

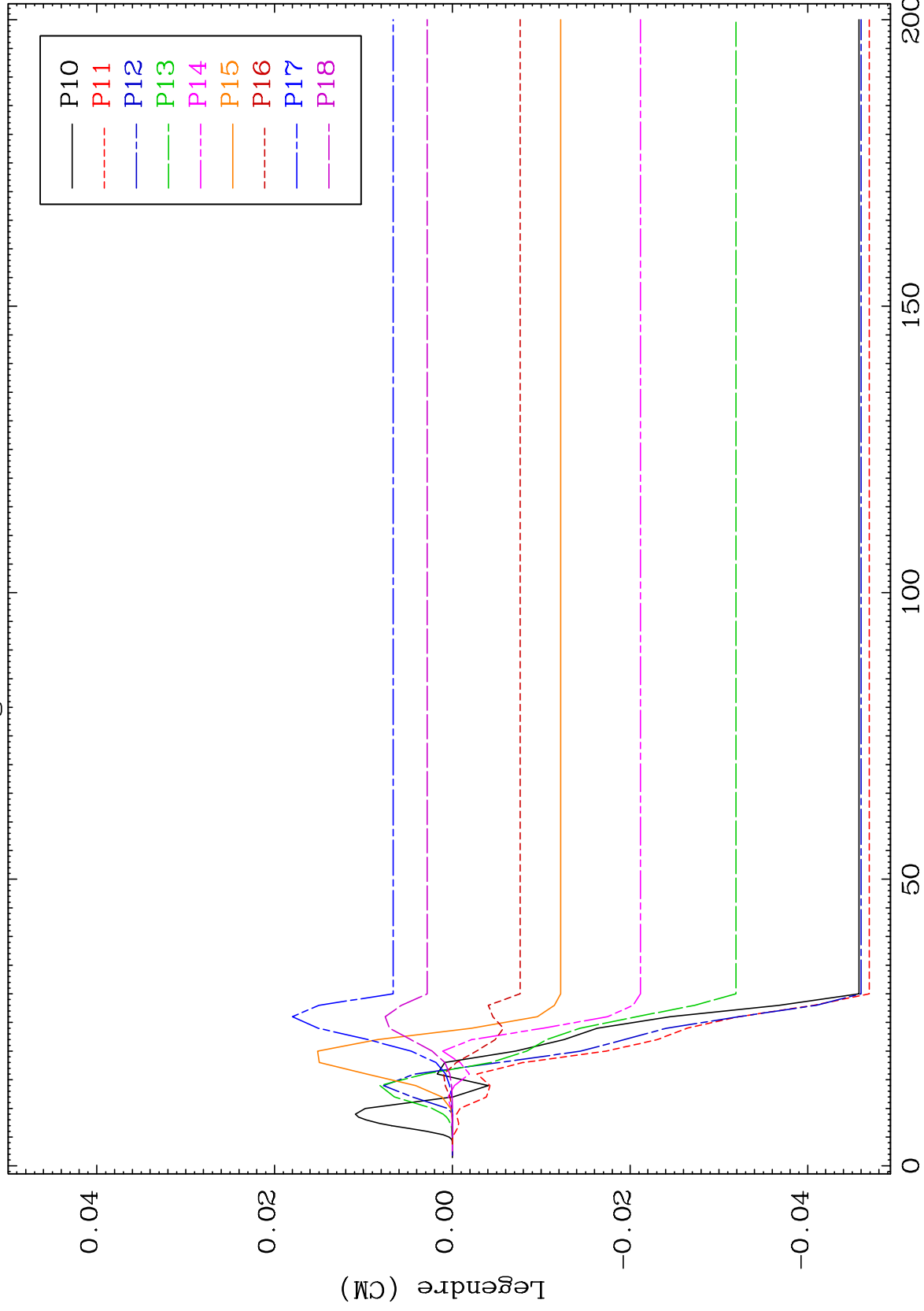
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MAT 6155

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

61-Pm-149



48

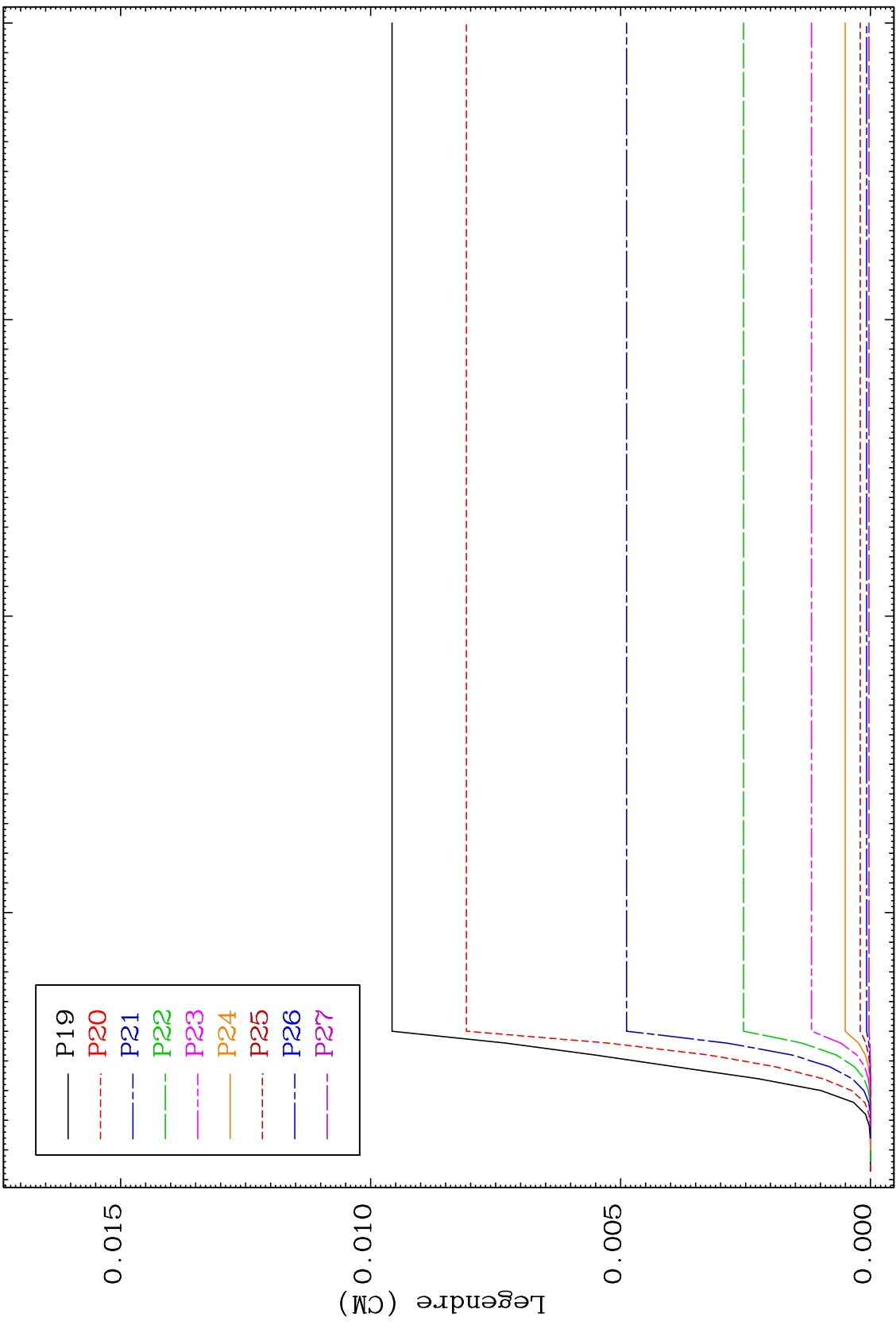
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



49

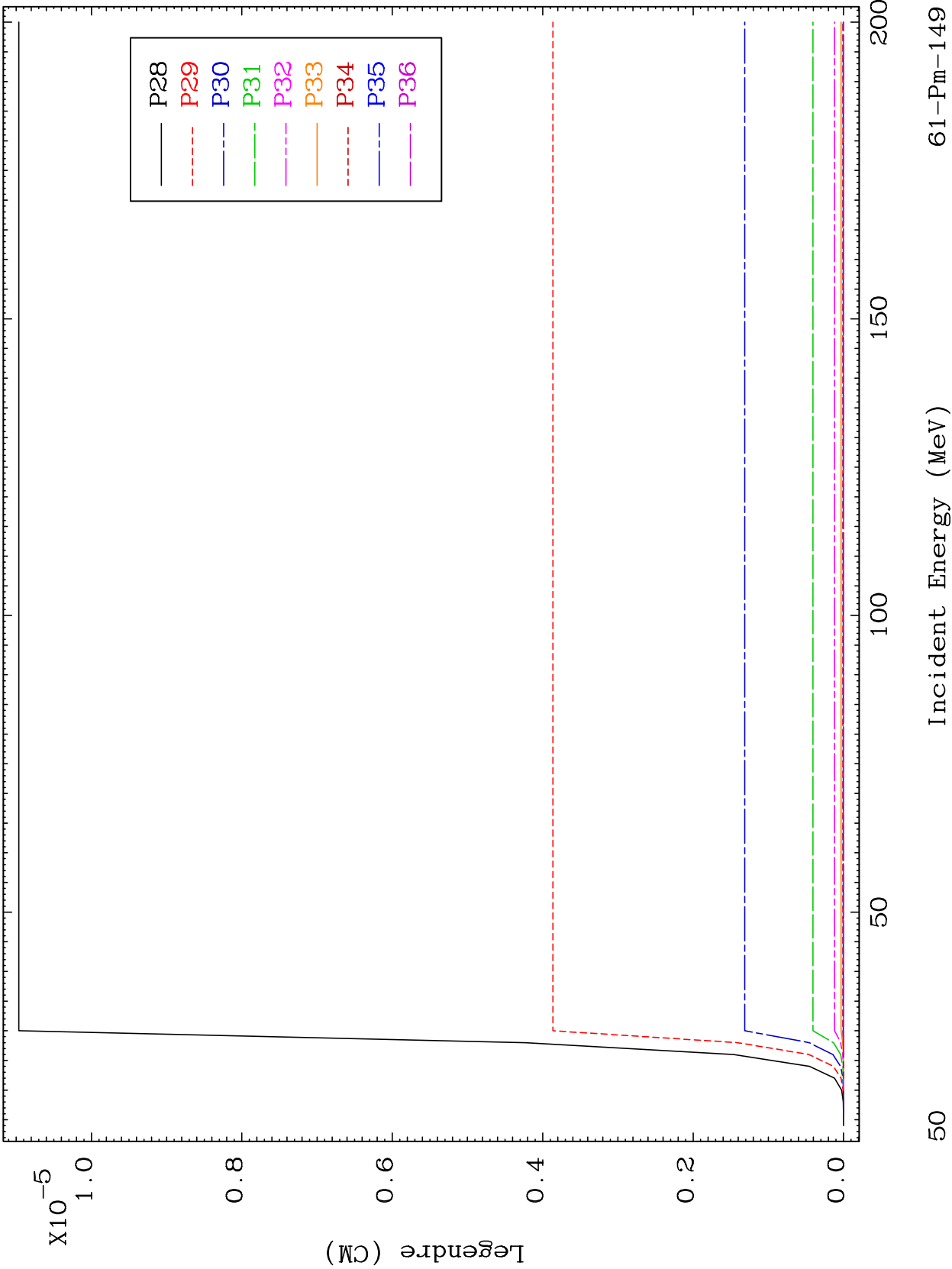
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



61-Pm-149

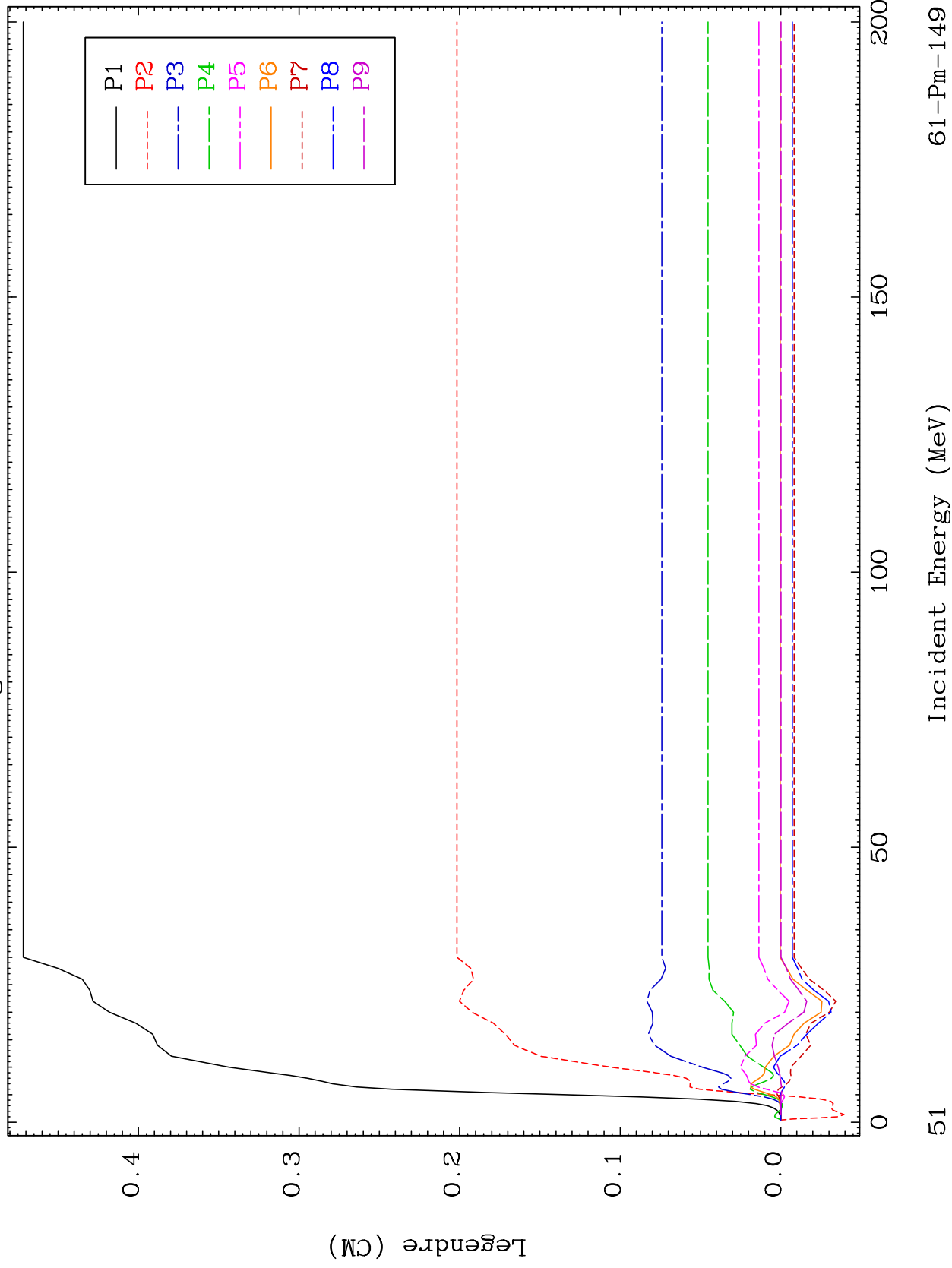
Incident Energy (MeV)

50

MAT 6155

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

61-Pm-149



61-Pm-149

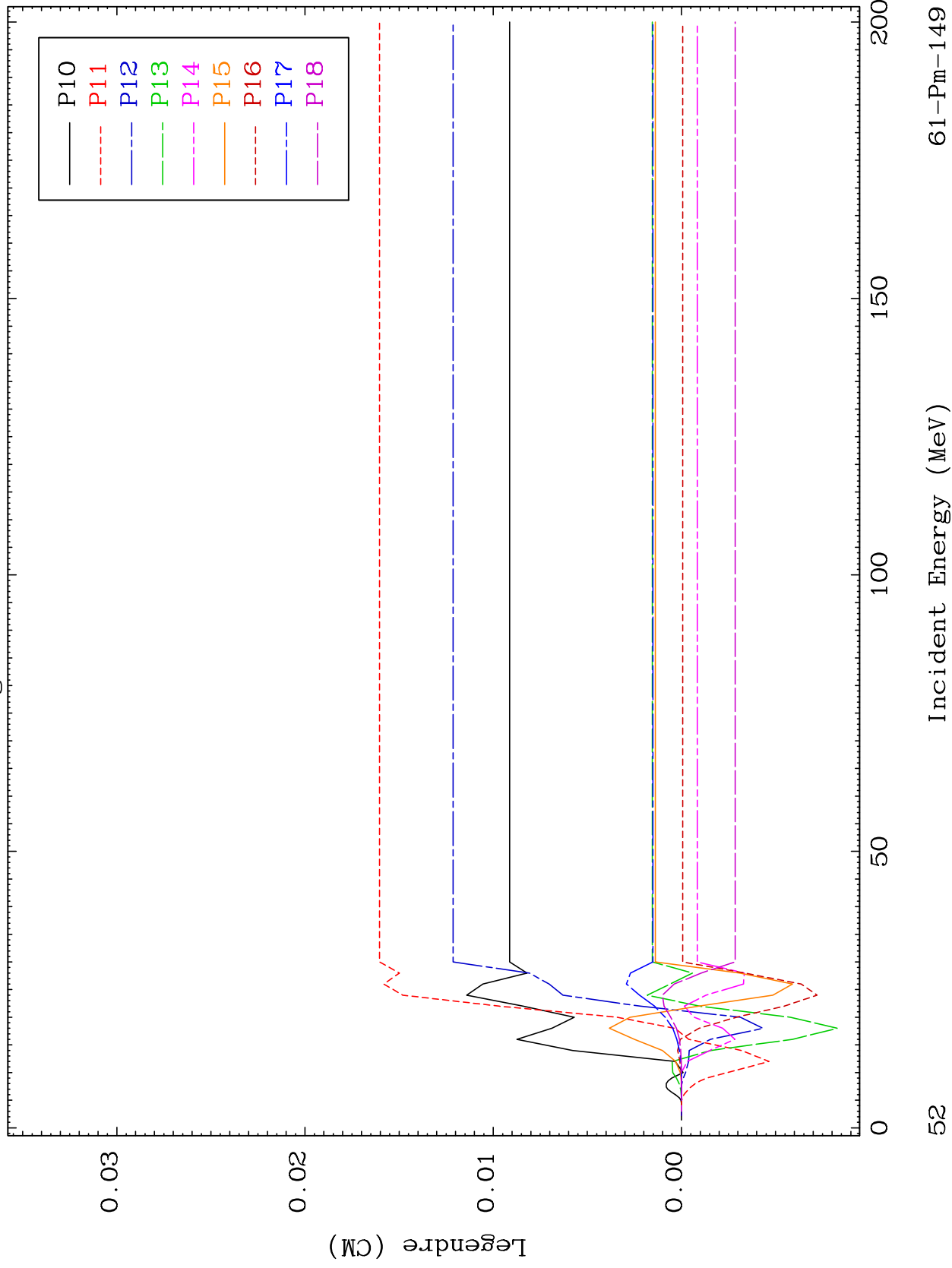
Incident Energy (MeV)

51

MAT 6155

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

61-Pm-149



61-Pm-149

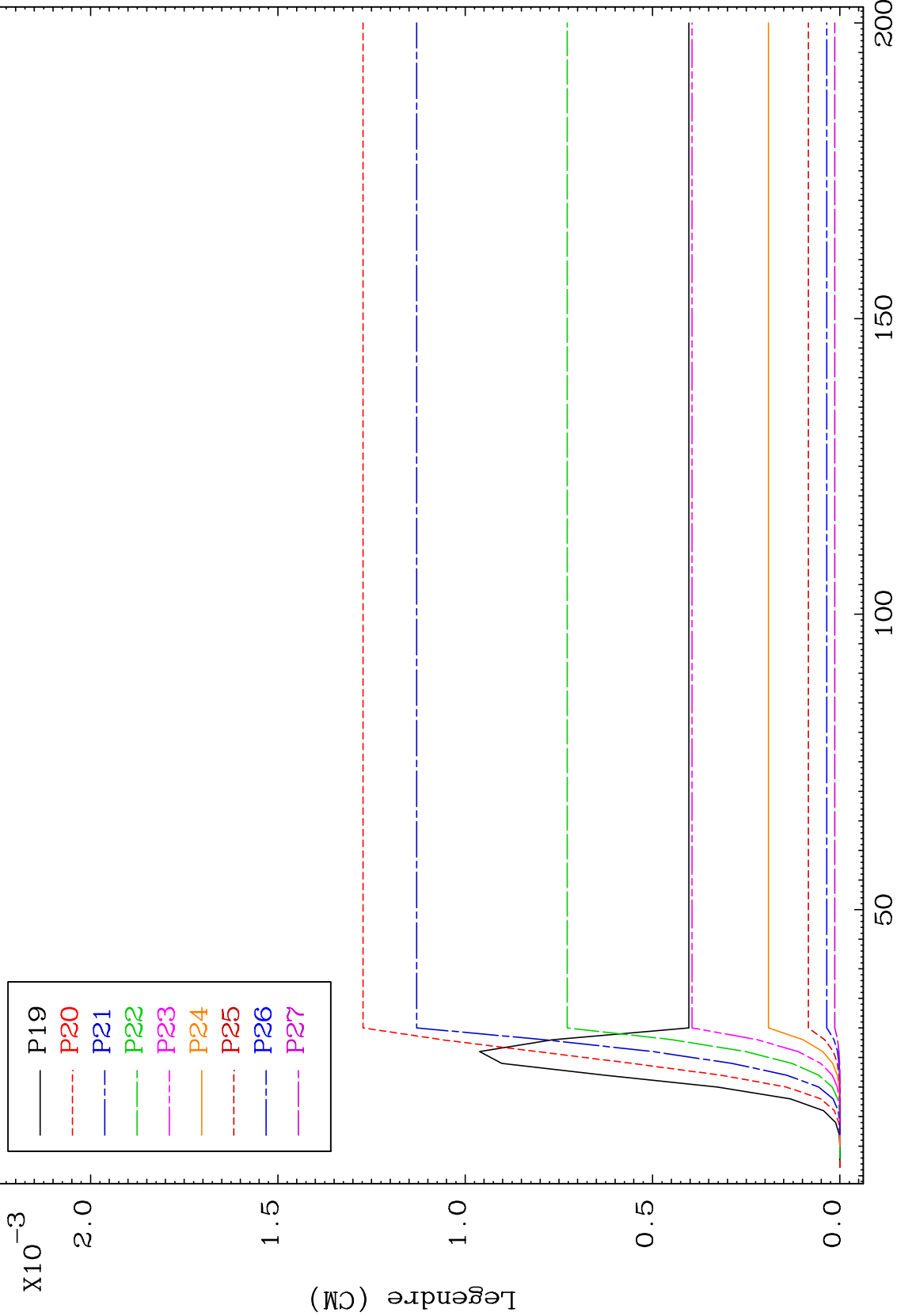
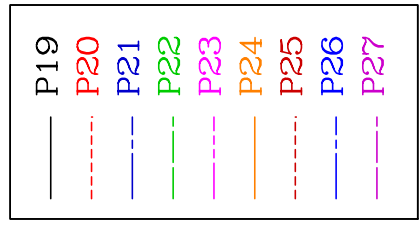
Incident Energy (MeV)

52

MAT 6155

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

61-Pm-149



53

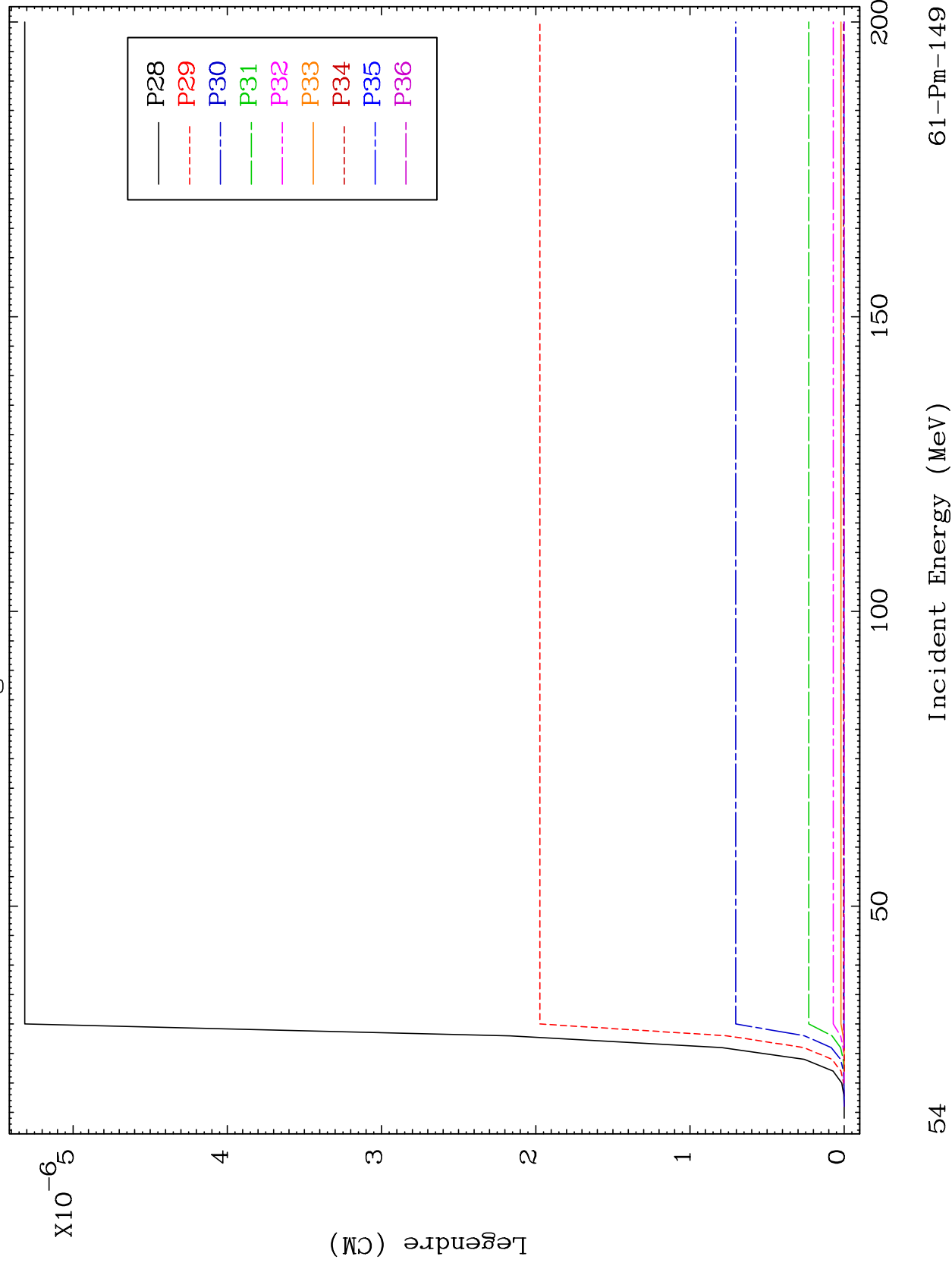
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



54

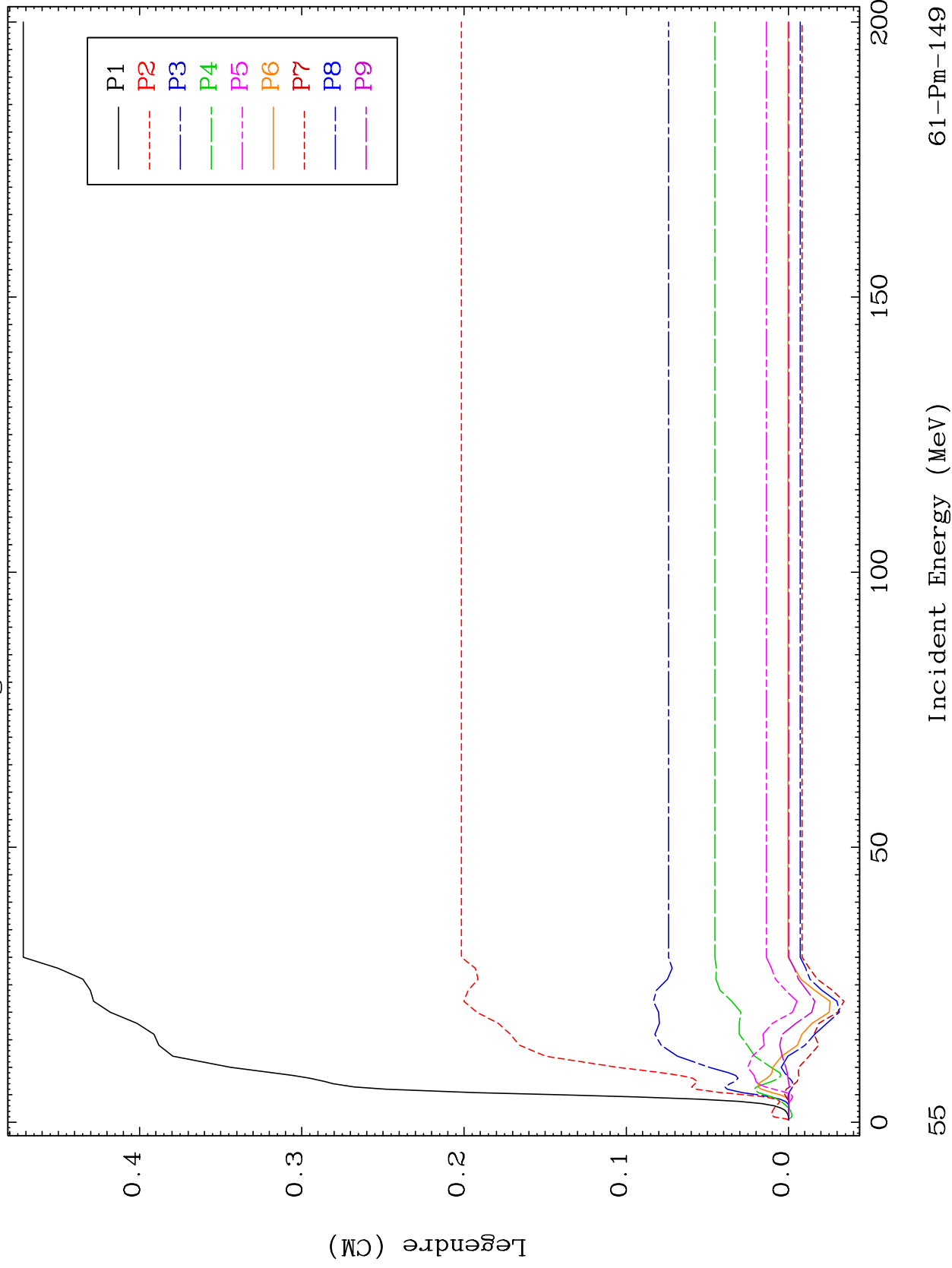
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

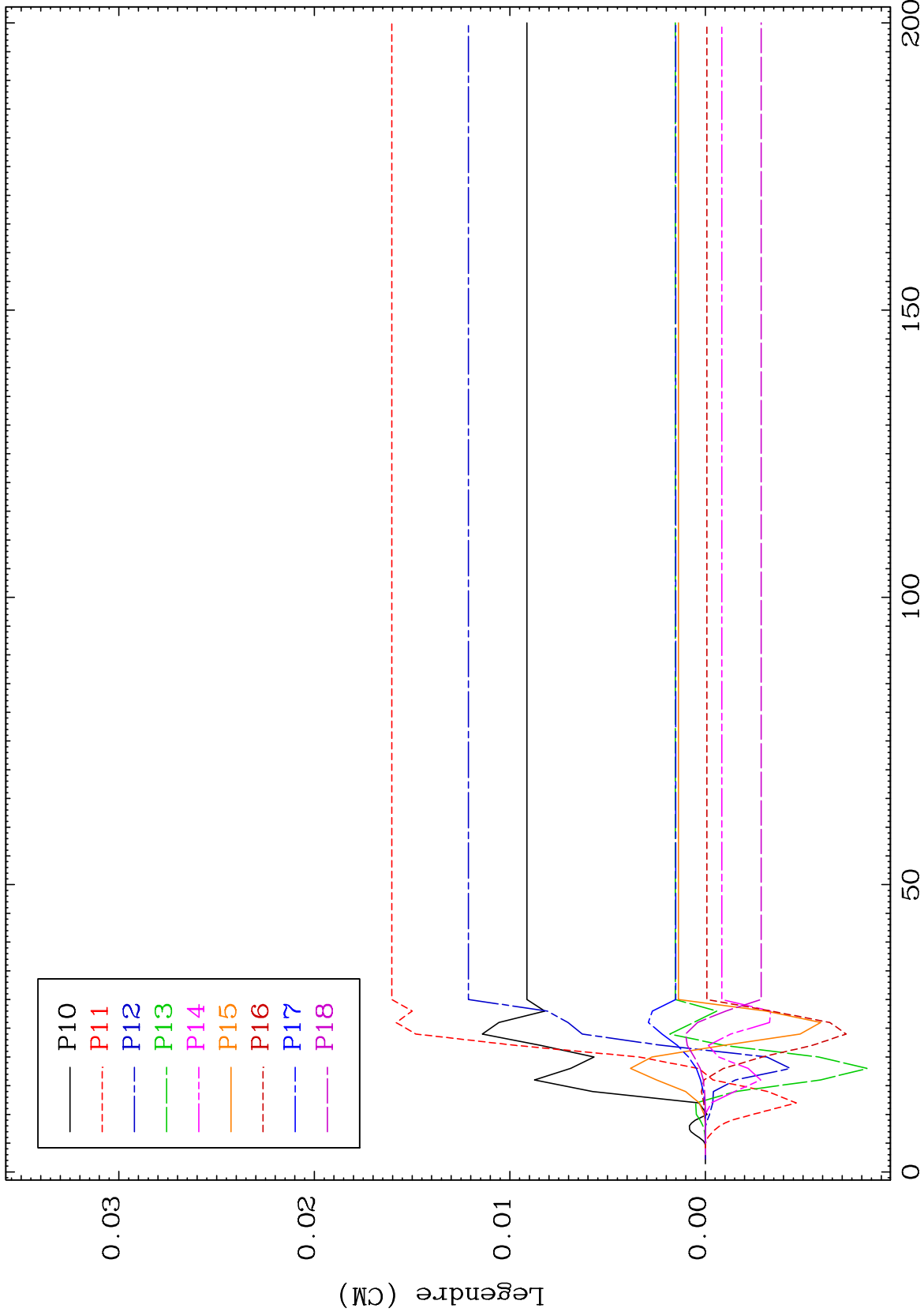
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MAT 6155

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

61-Pm-149



56

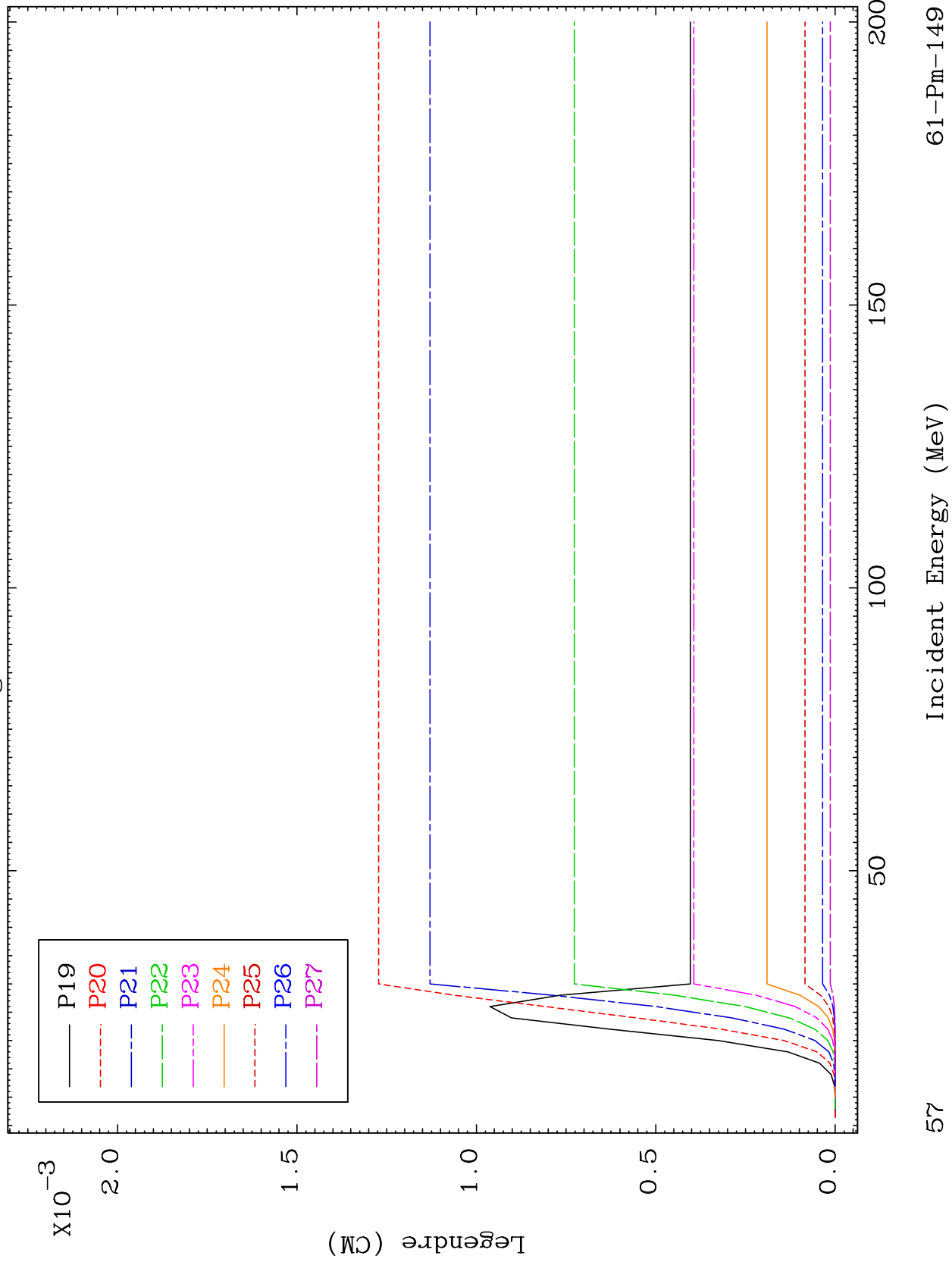
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

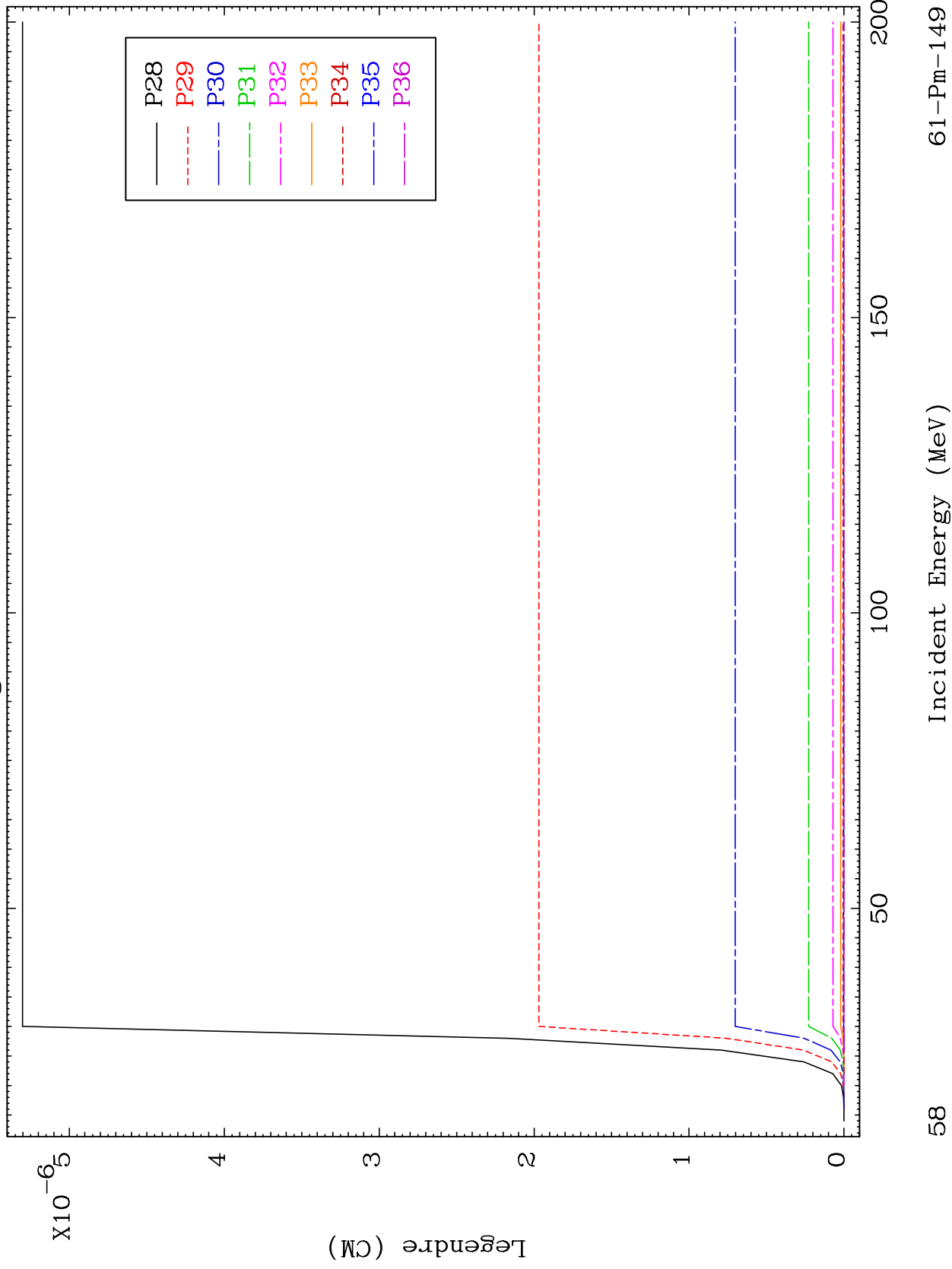
61-Pm-149



MAT 6155

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

61-Pm-149



58

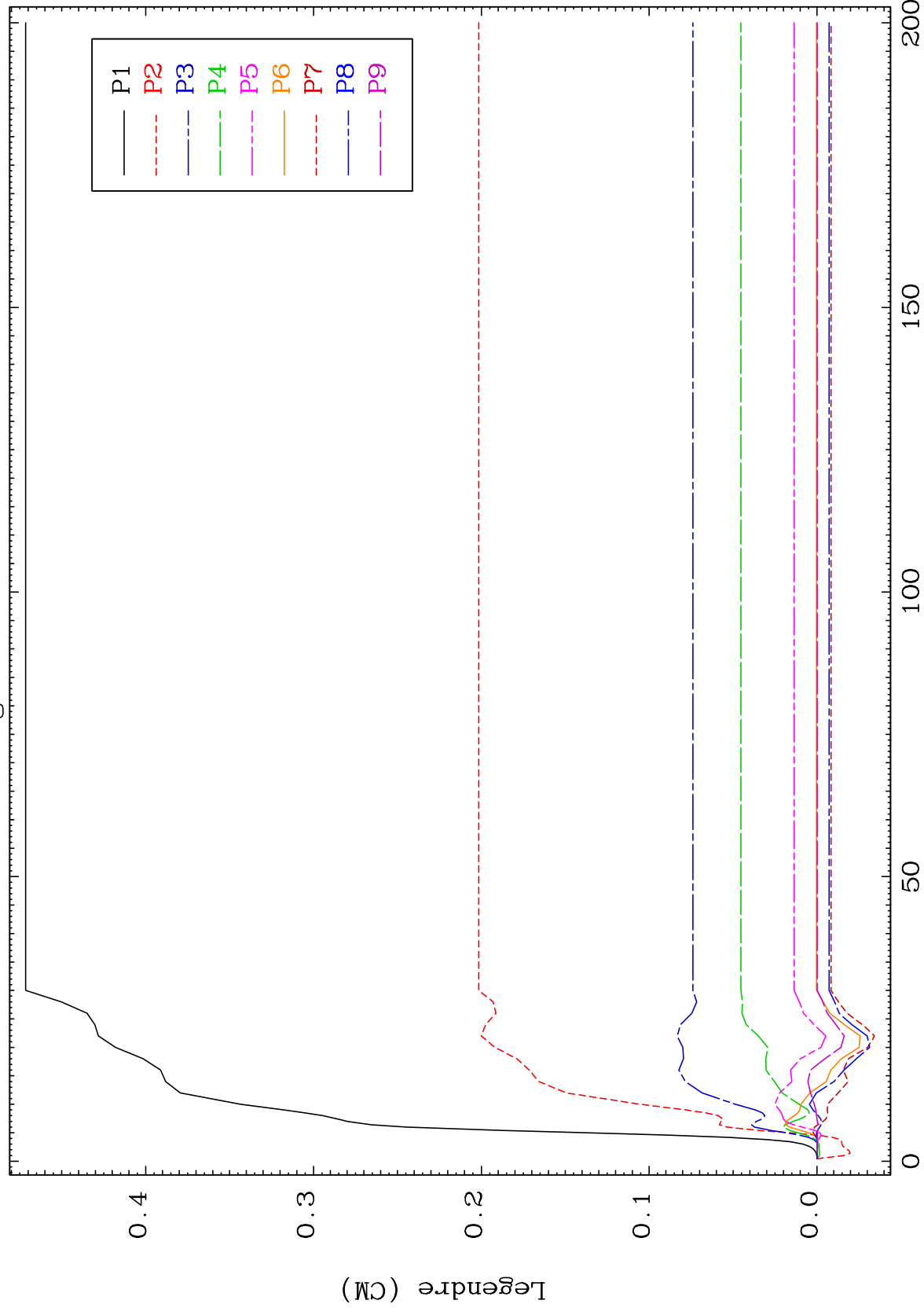
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



59

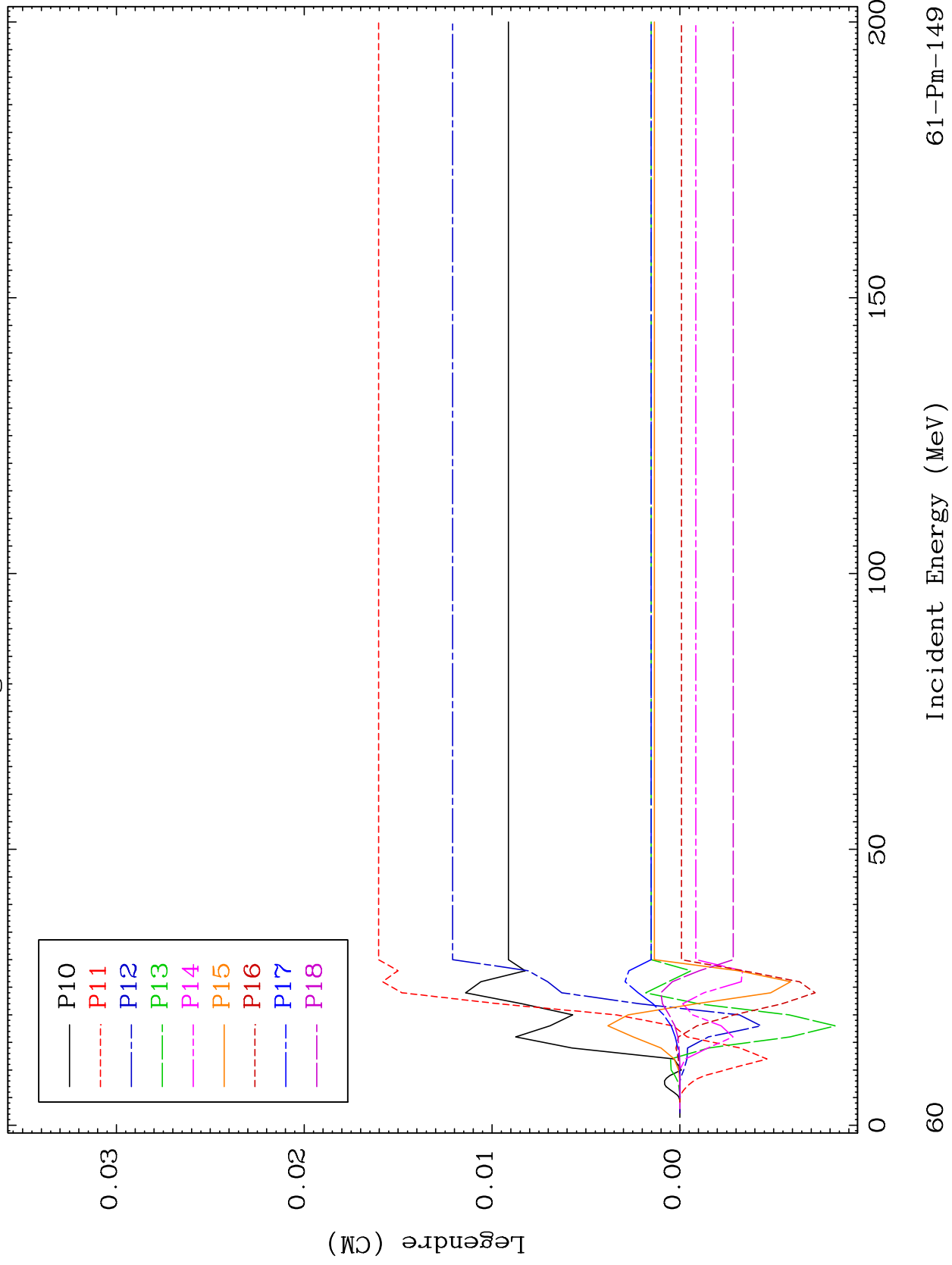
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



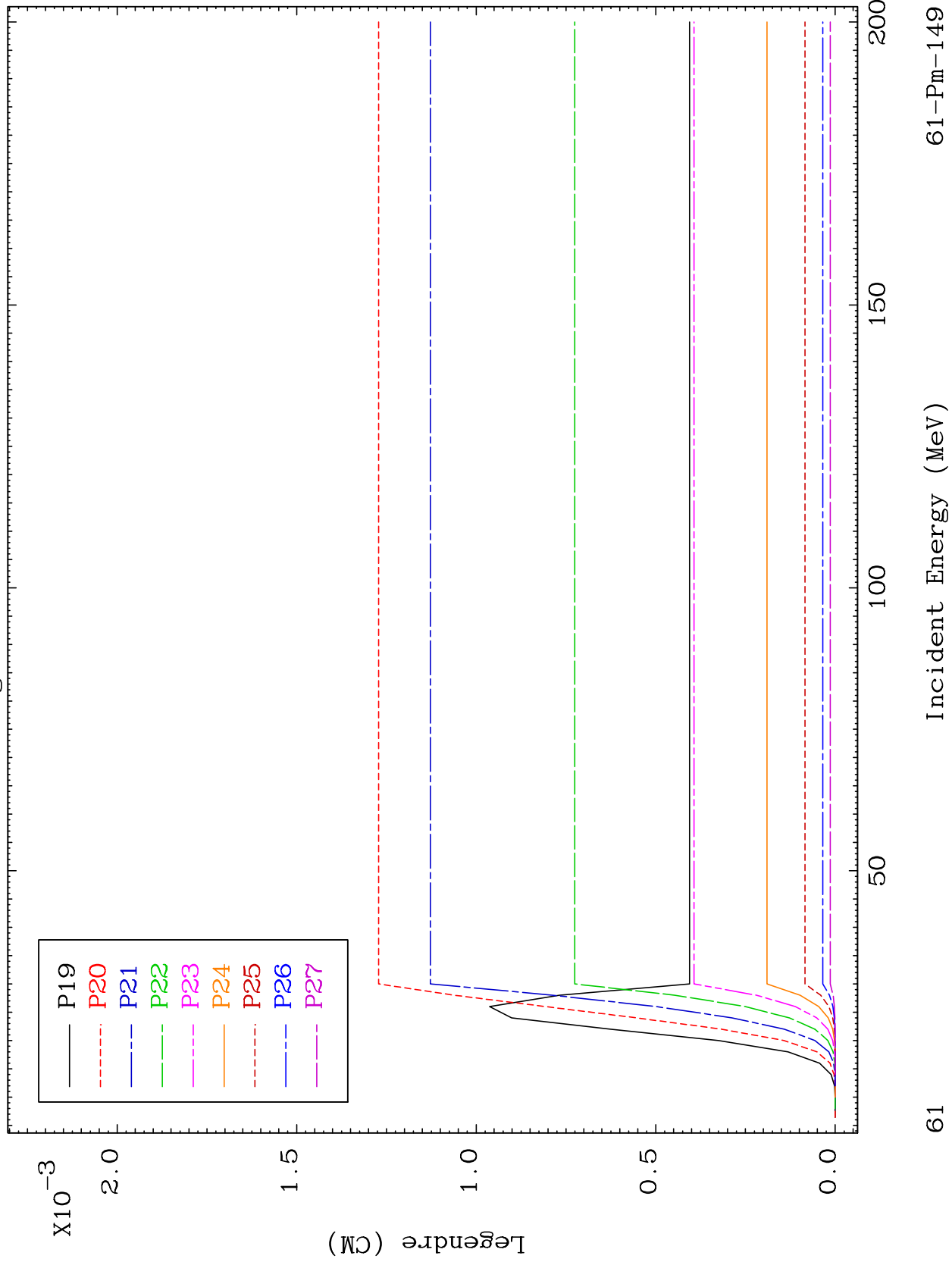
61-Pm-149

Incident Energy (MeV)

MAT 6155

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

61-Pm-149



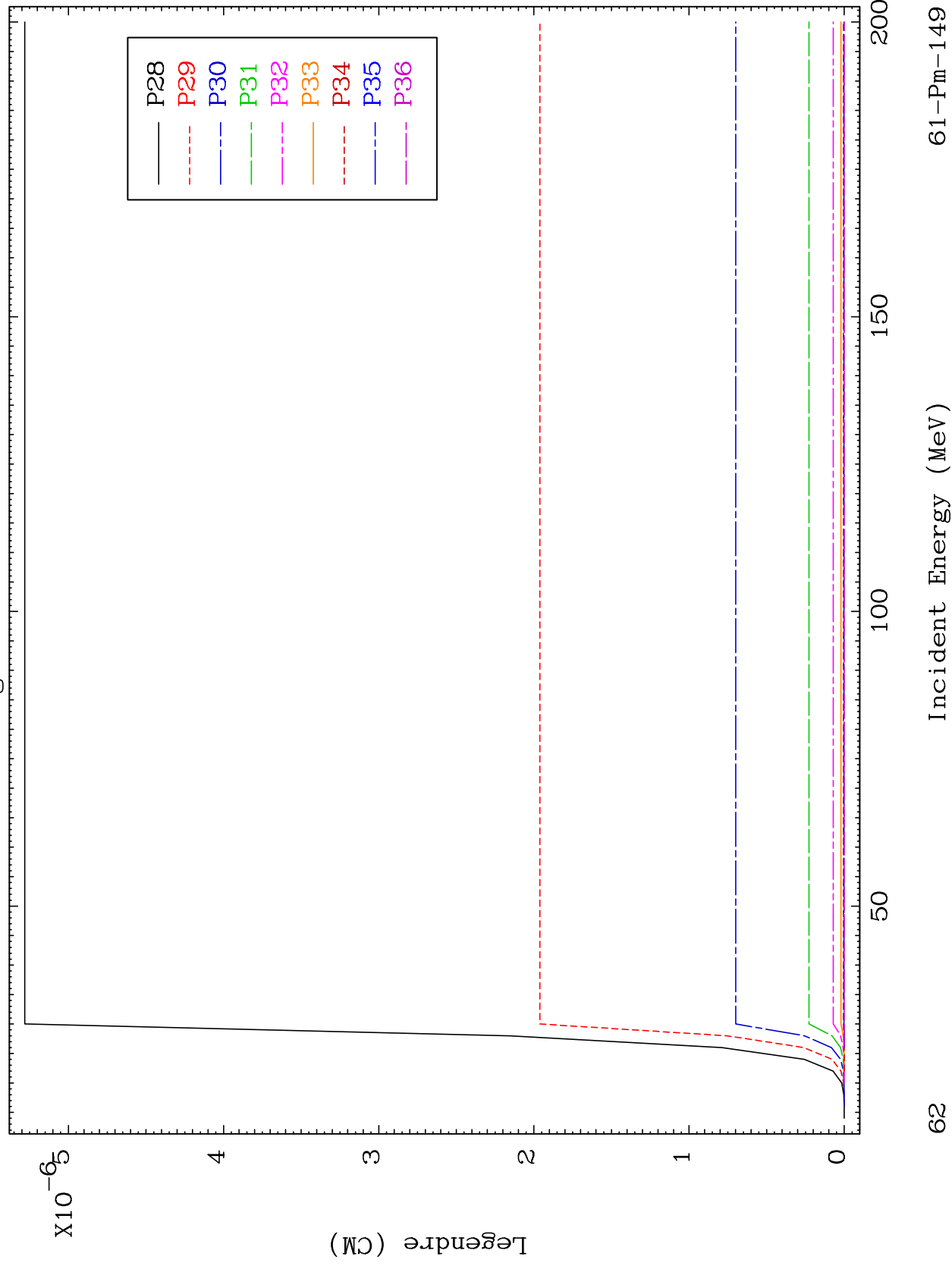
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61-Pm-149

MAT 6155

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

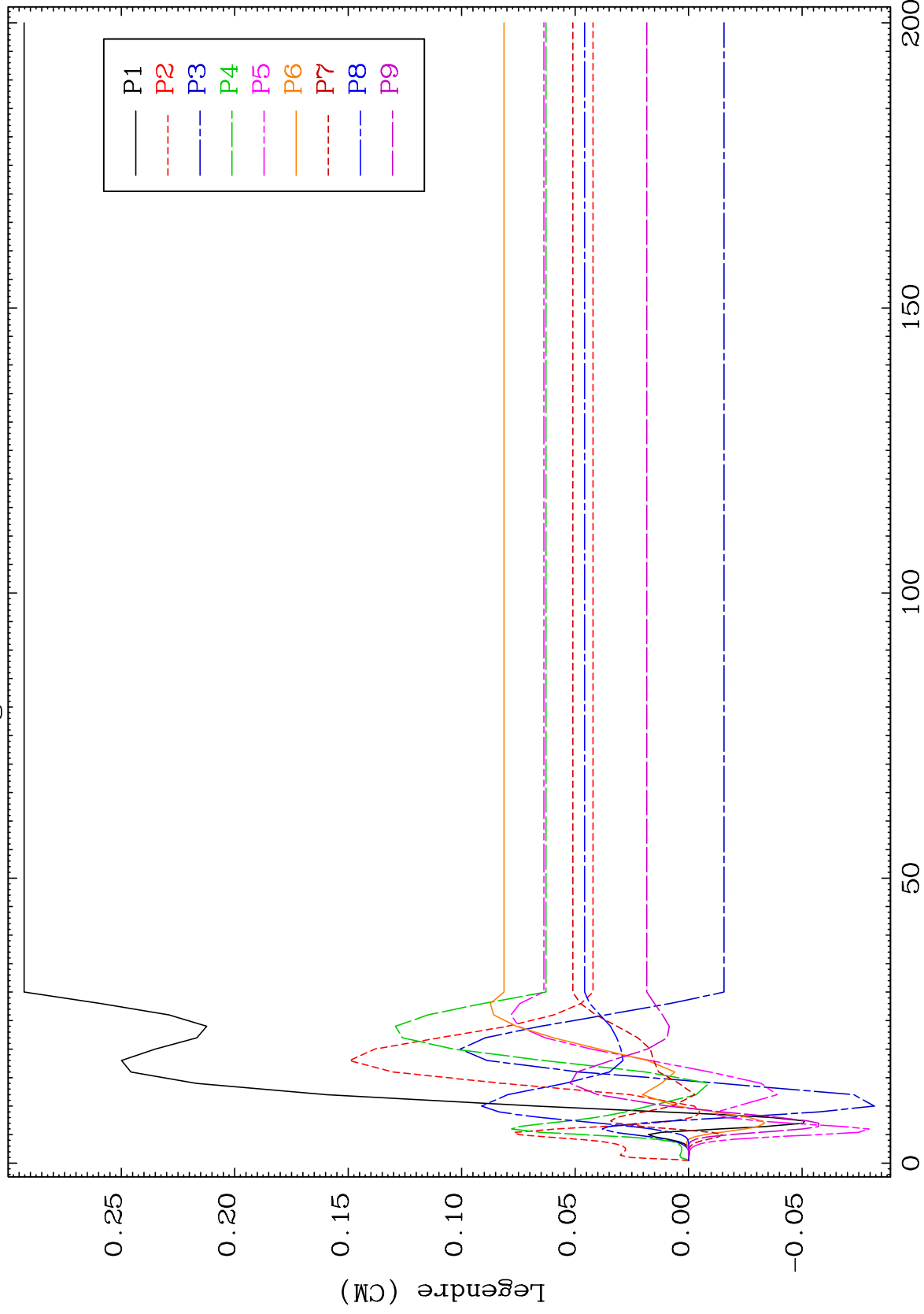
61-Pm-149



MAT 6155

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

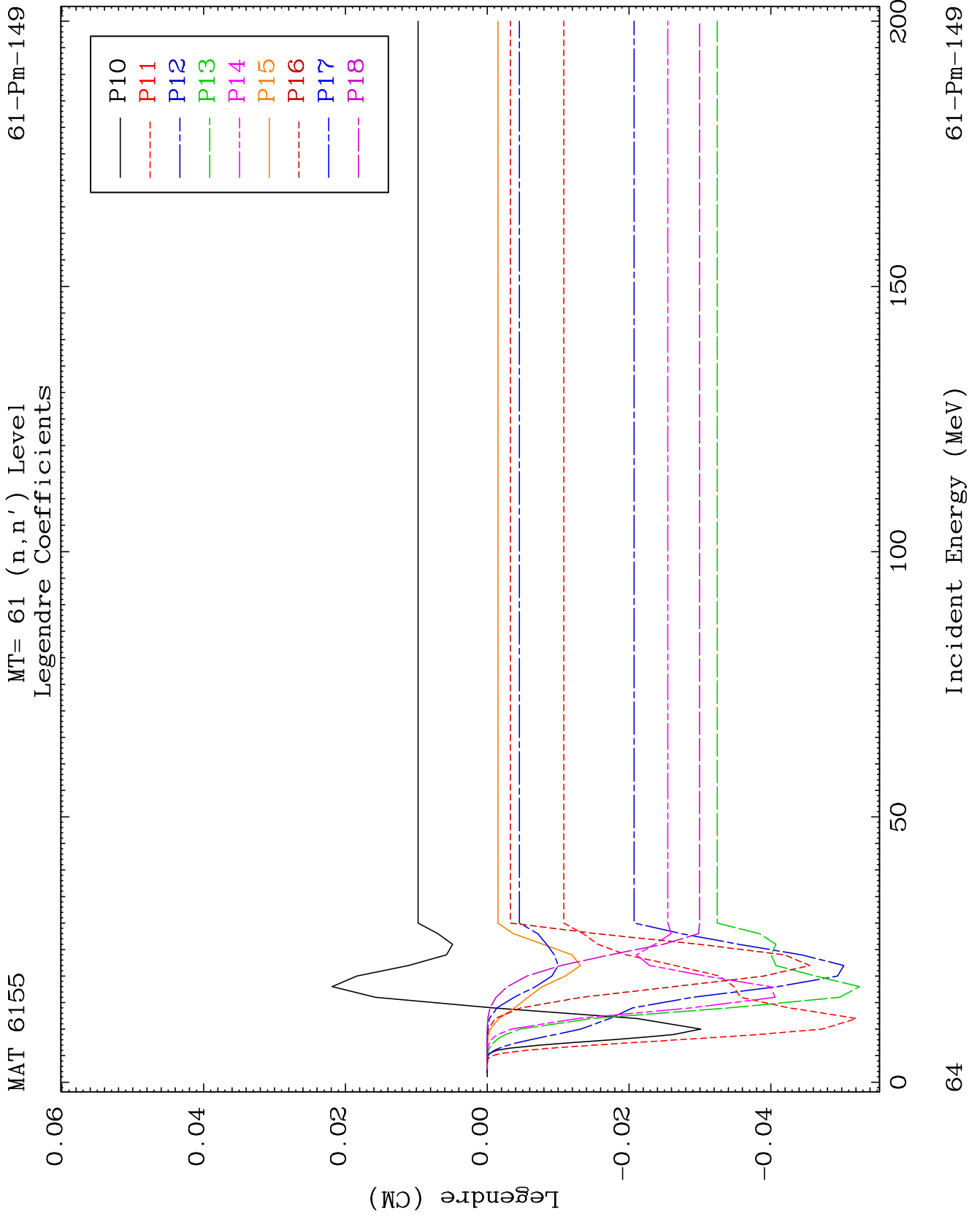
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63

Incident Energy (MeV)

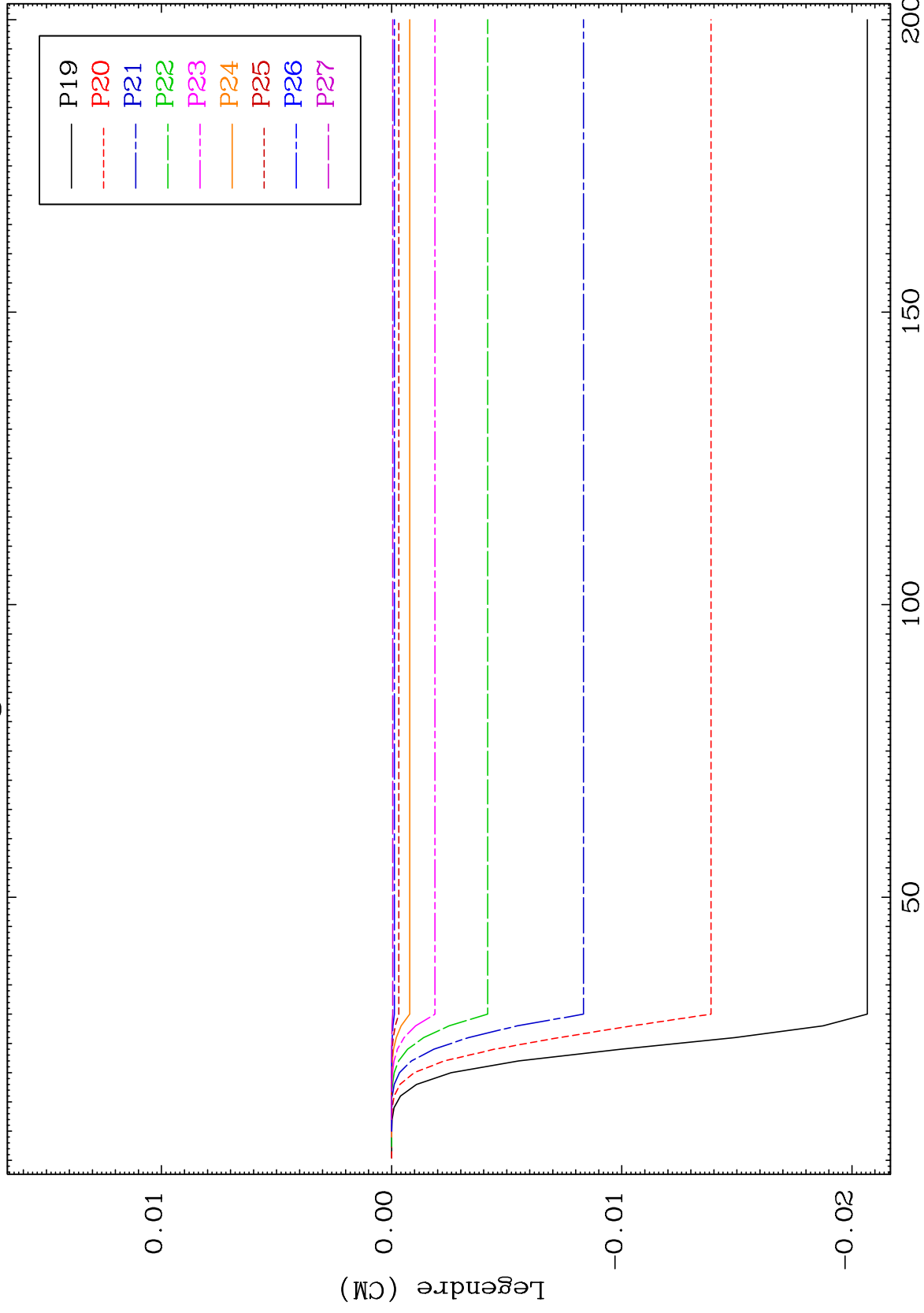
61-Pm-149



MAT 6155

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

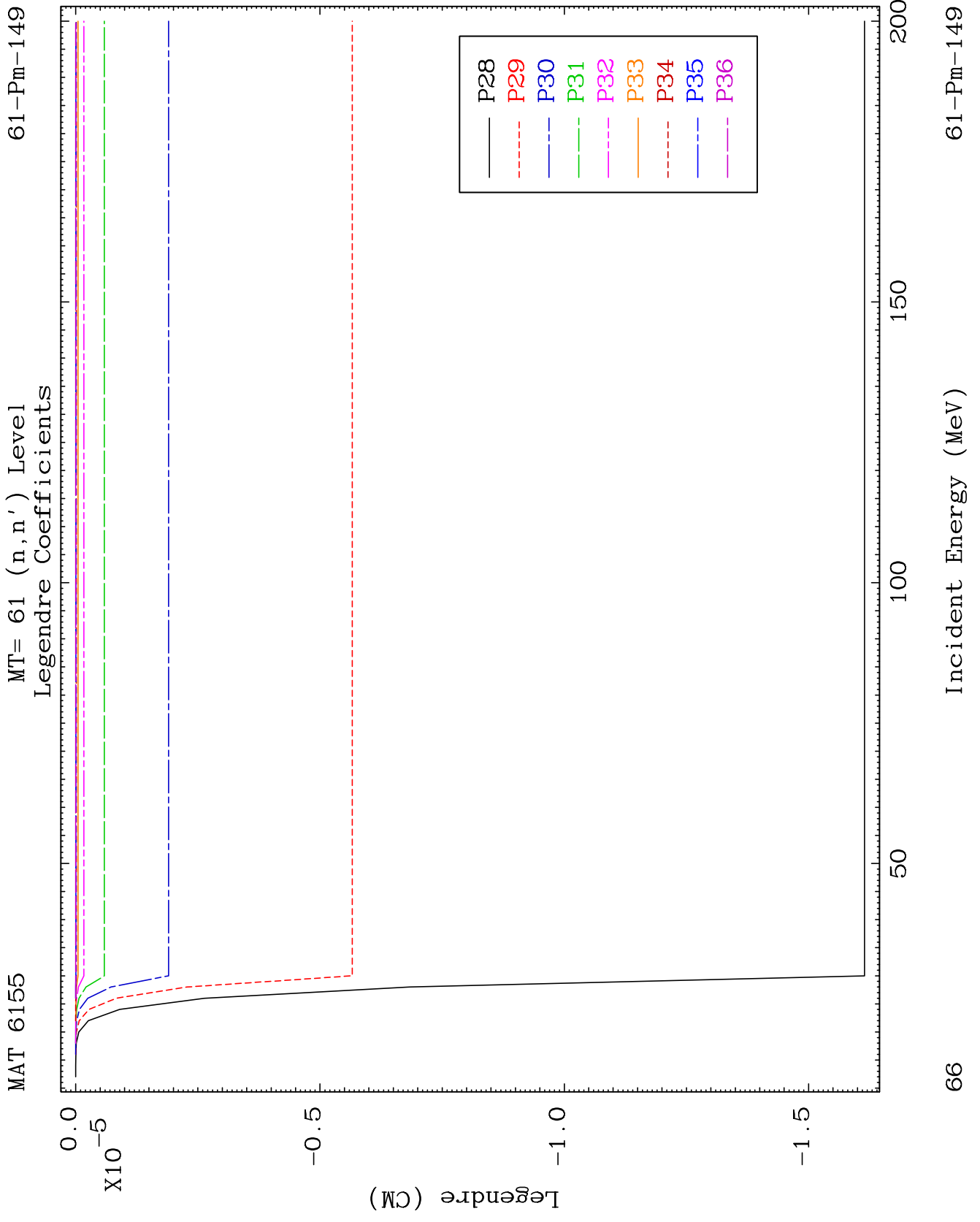
61-Pm-149



65

Incident Energy (MeV)

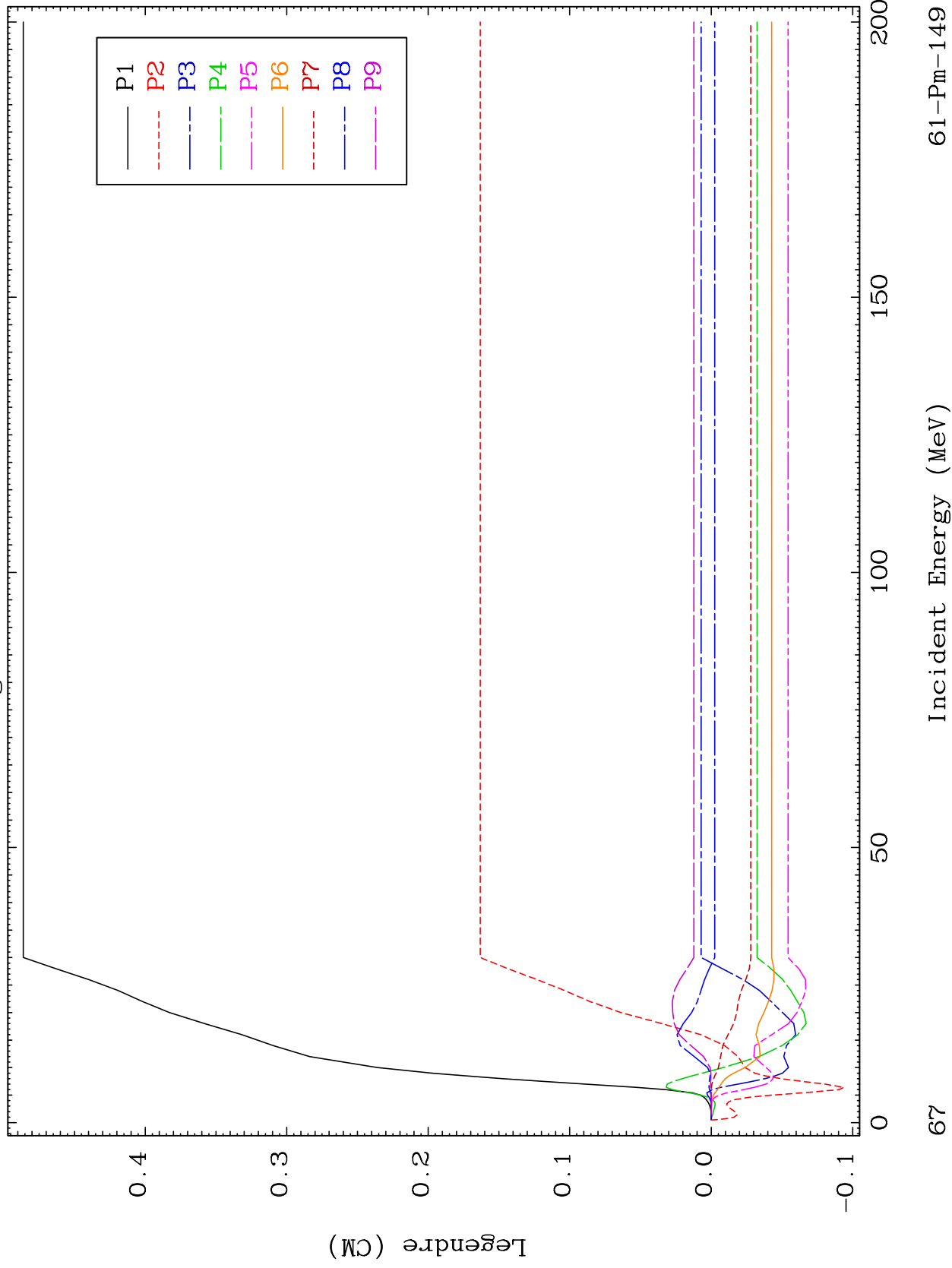
61-Pm-149



MAT 6155

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

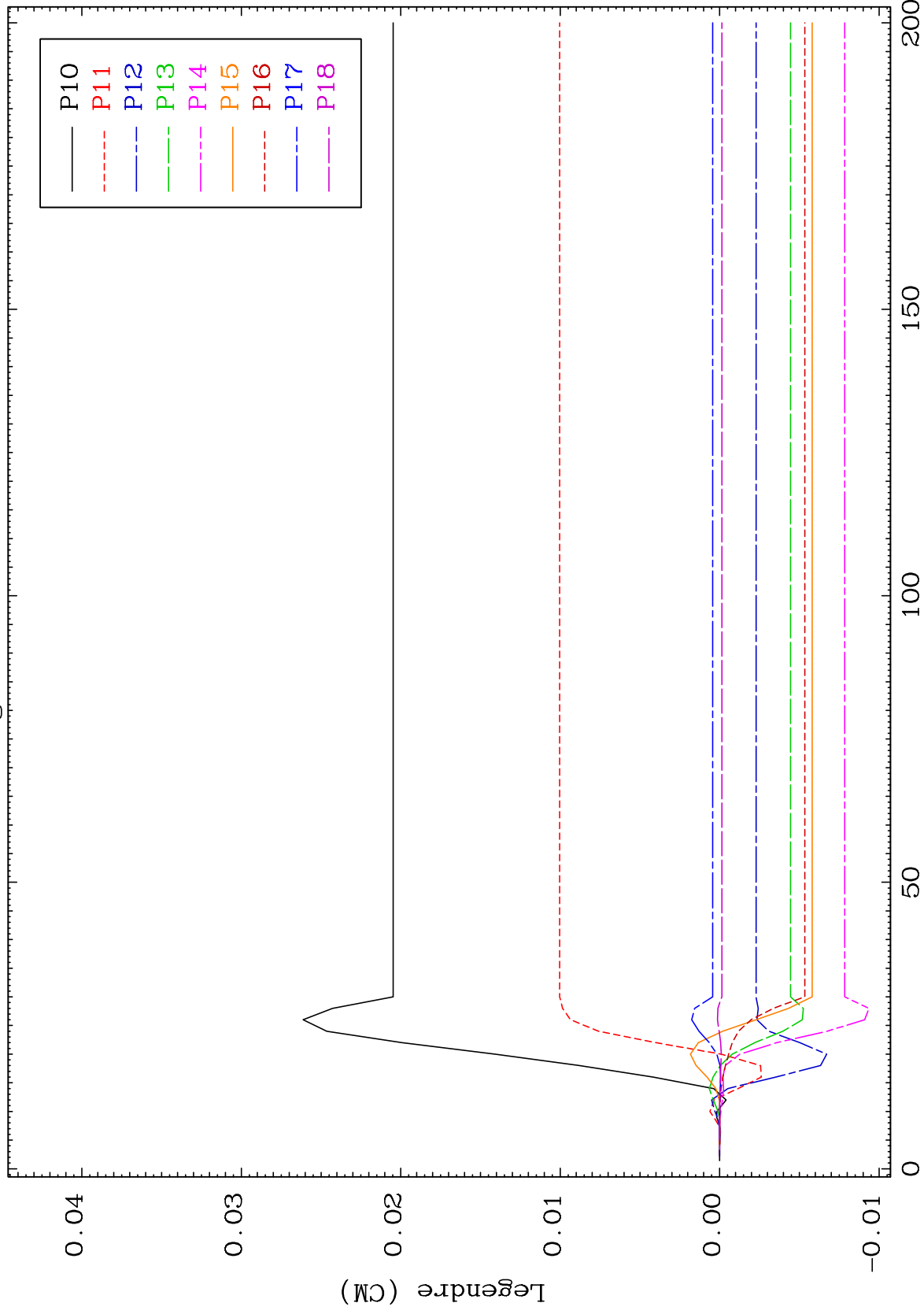
61-Pm-149



MAT 6155

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

61-Pm-149



68

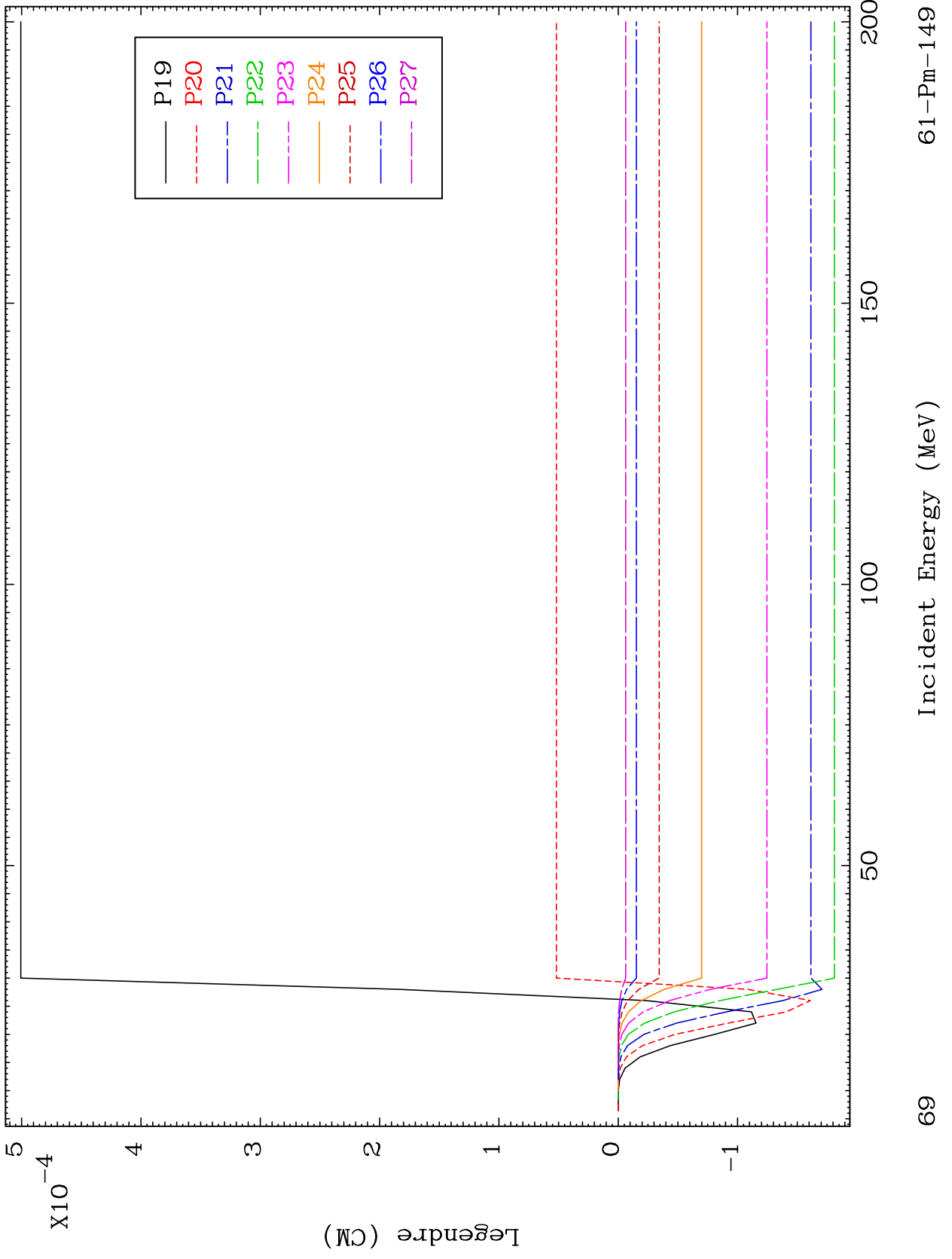
Incident Energy (MeV)

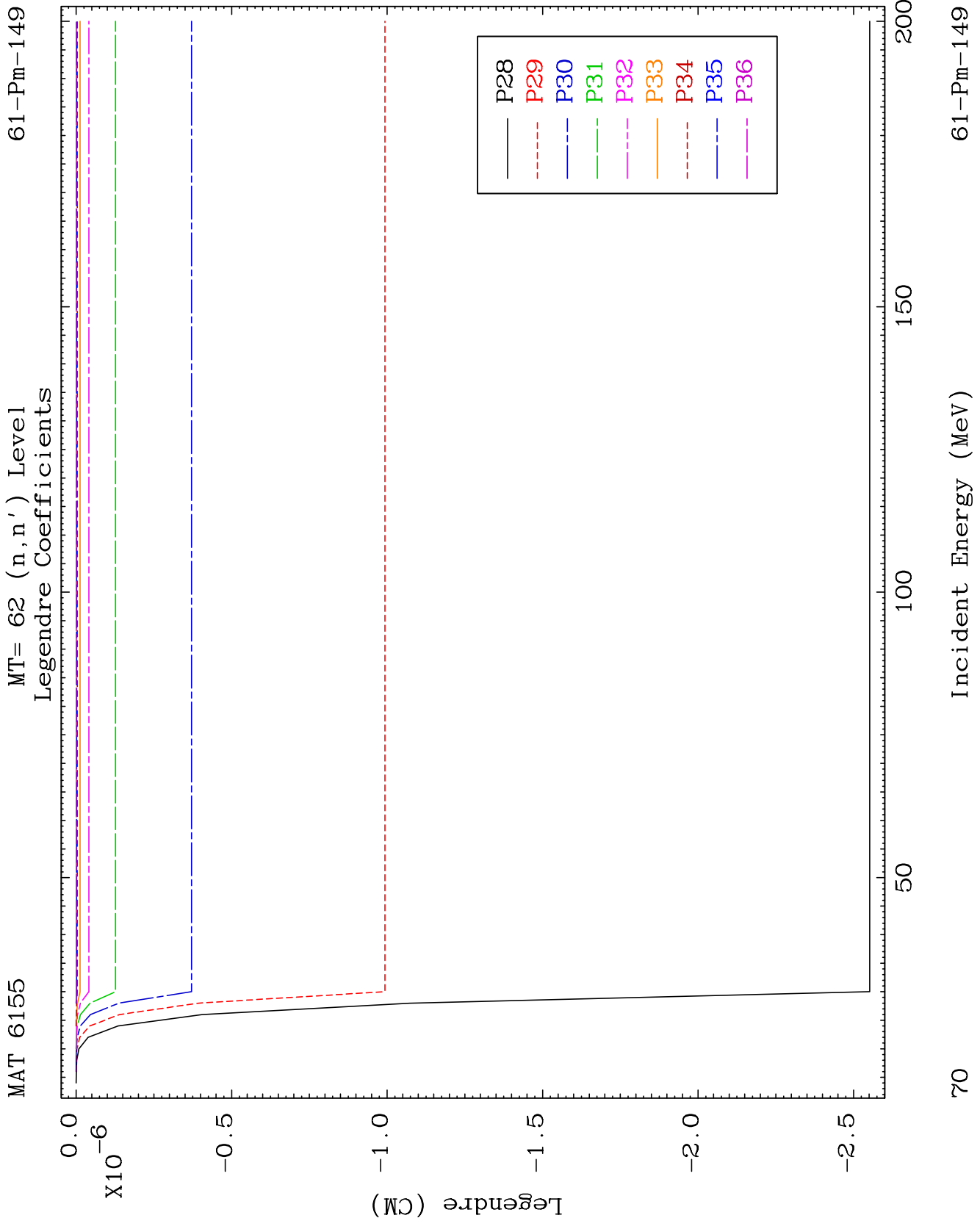
61-Pm-149

MAT 6155

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

61-Pm-149

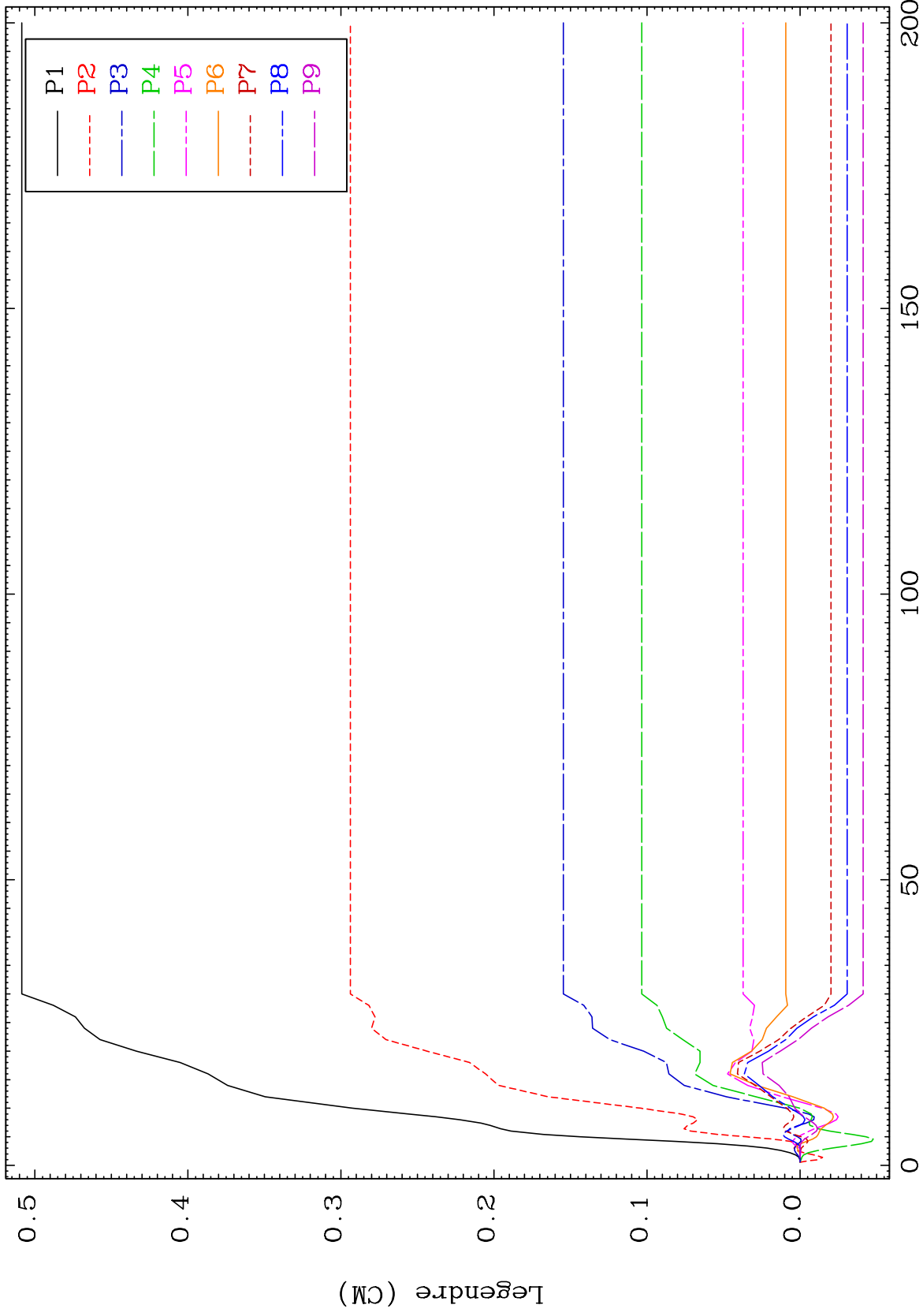




MAT 6155

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

61-Pm-149



71

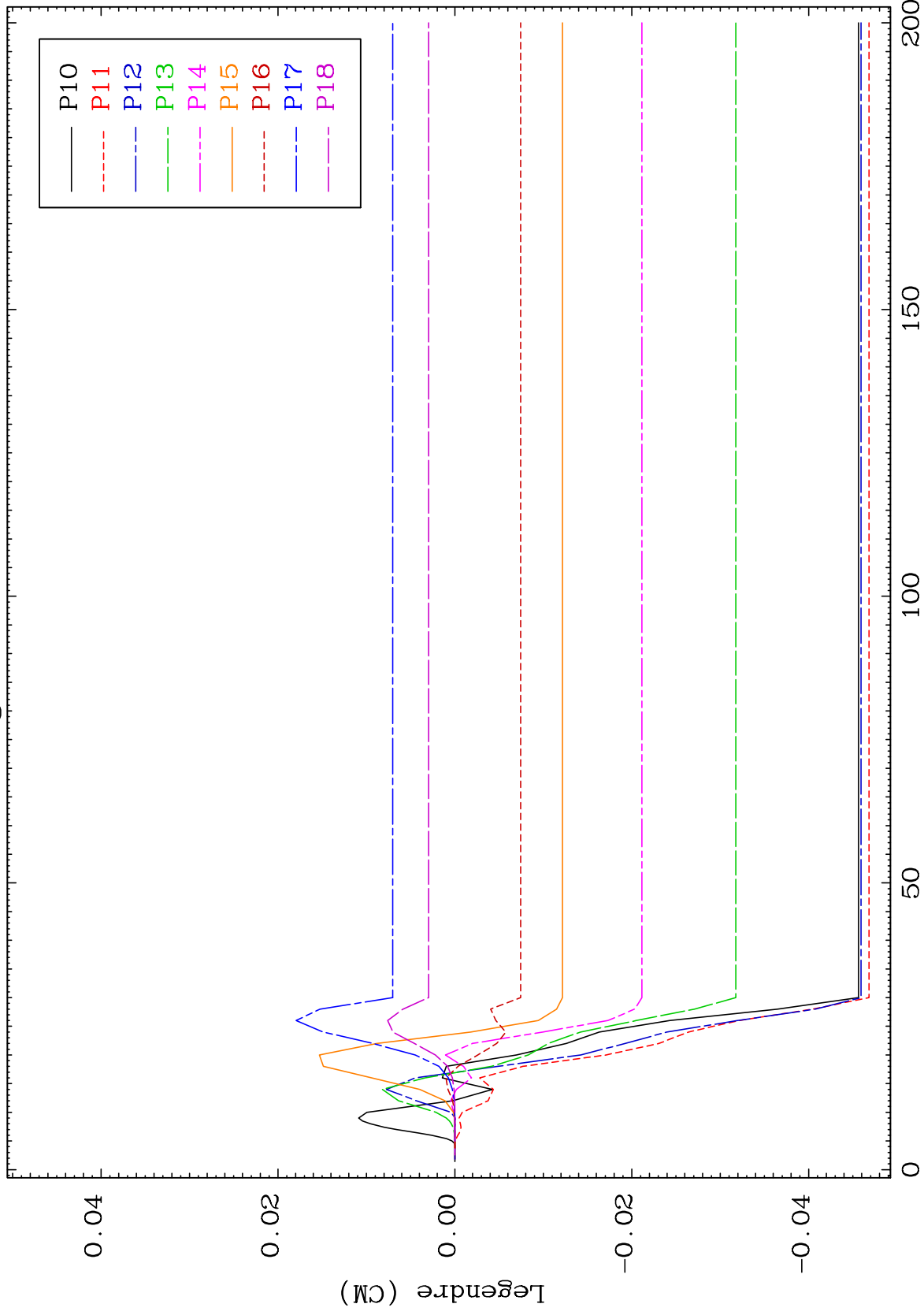
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



72

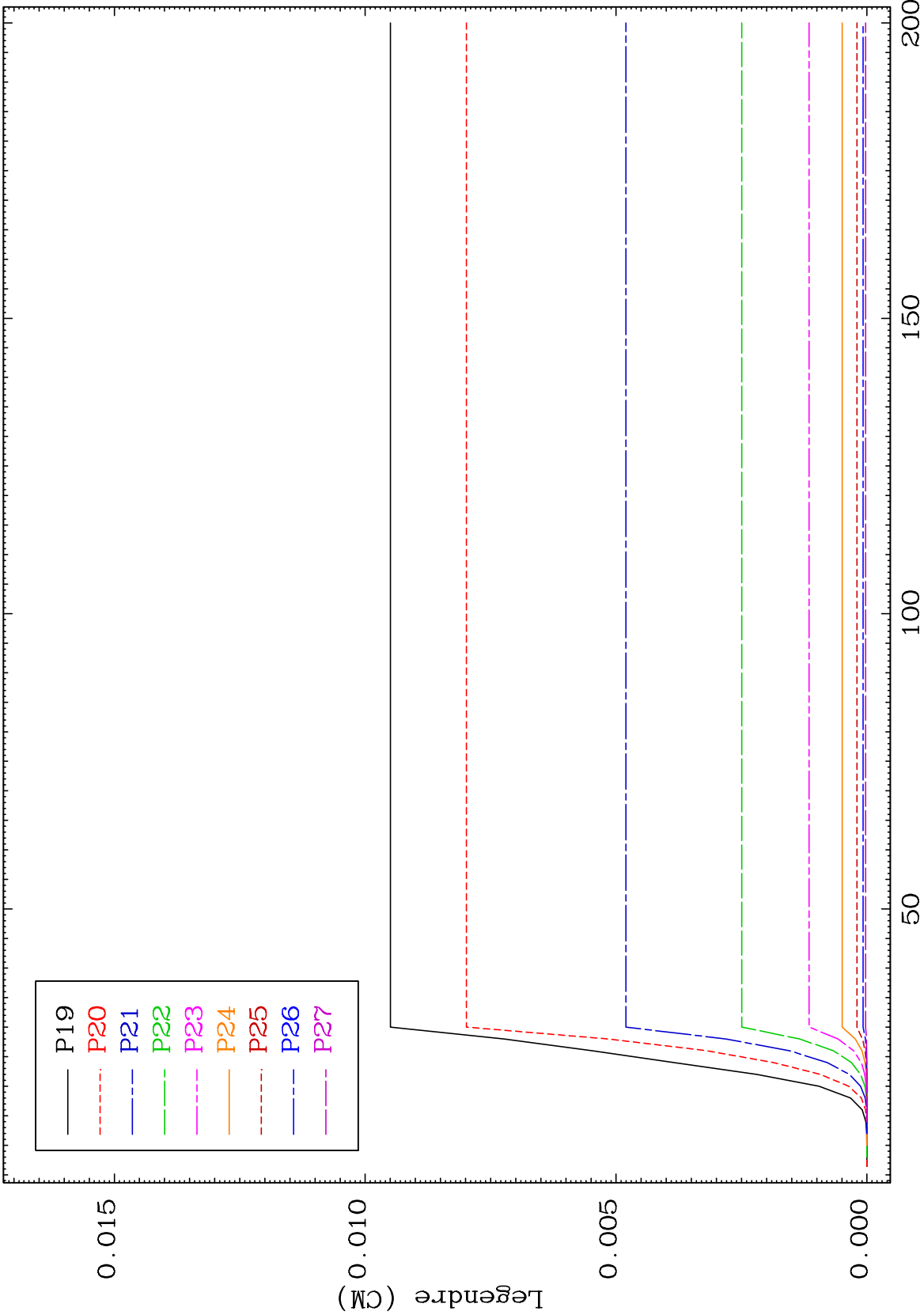
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



73

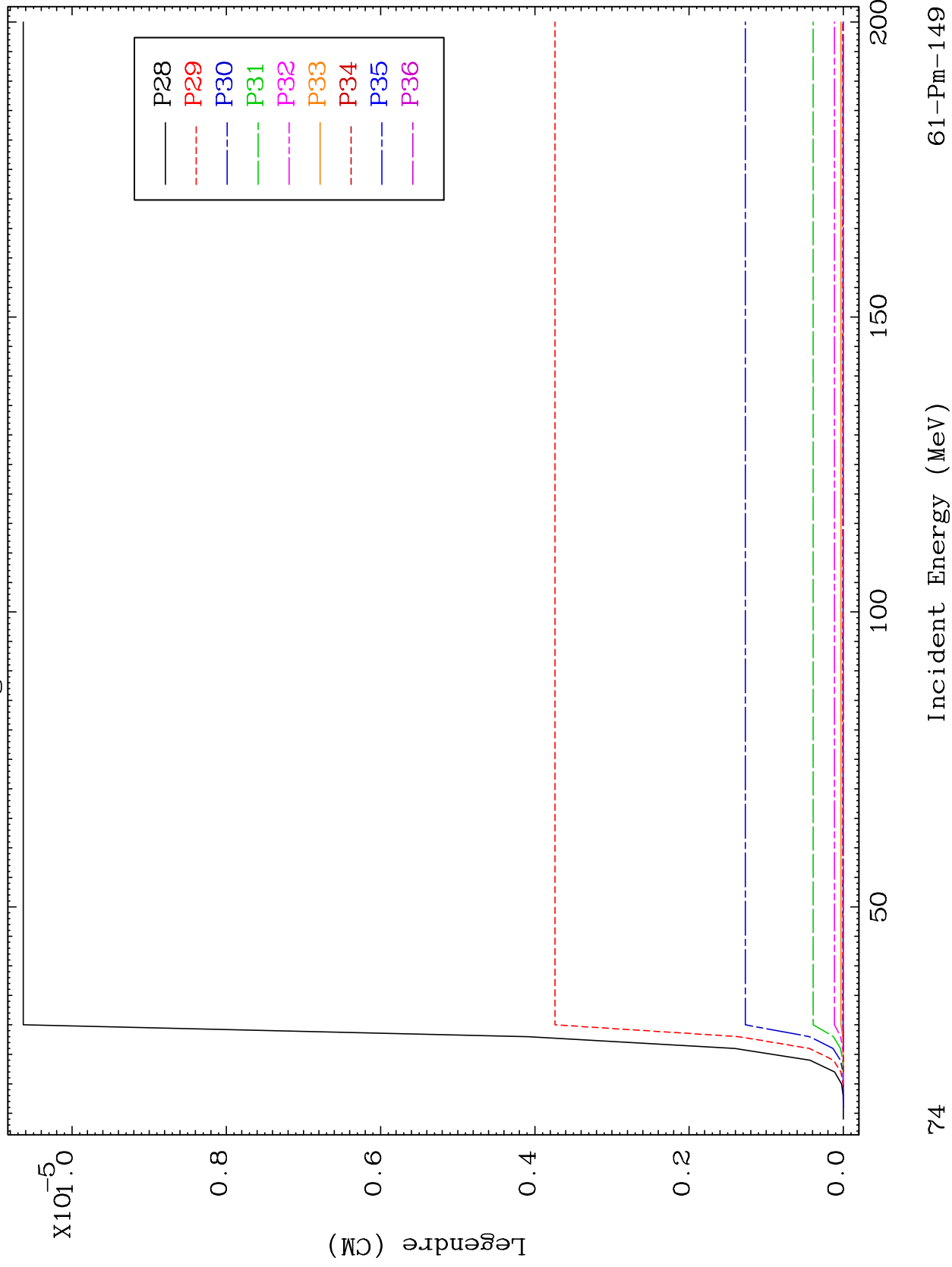
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

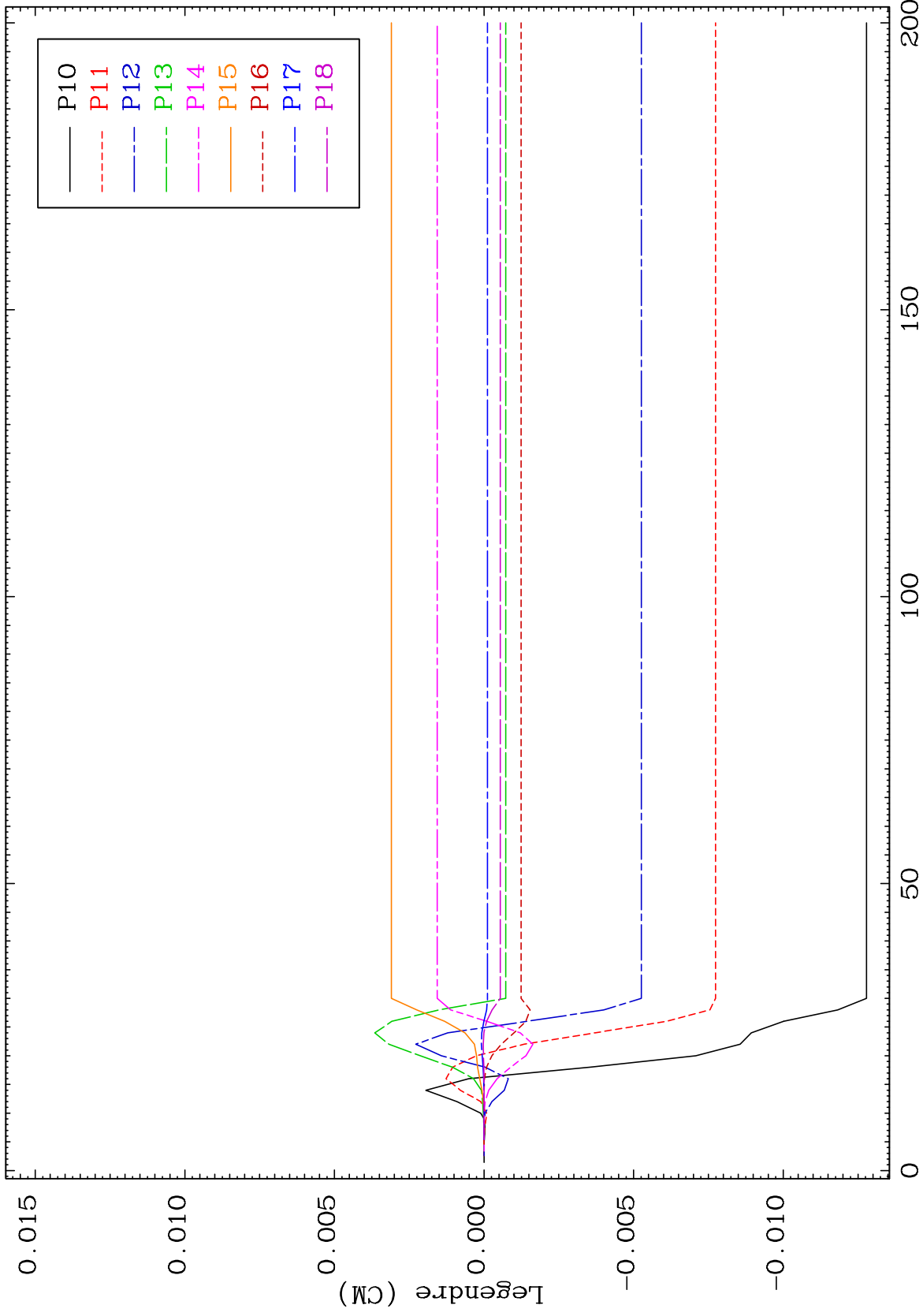
61-Pm-149



MAT 6155

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

61-Pm-149



76

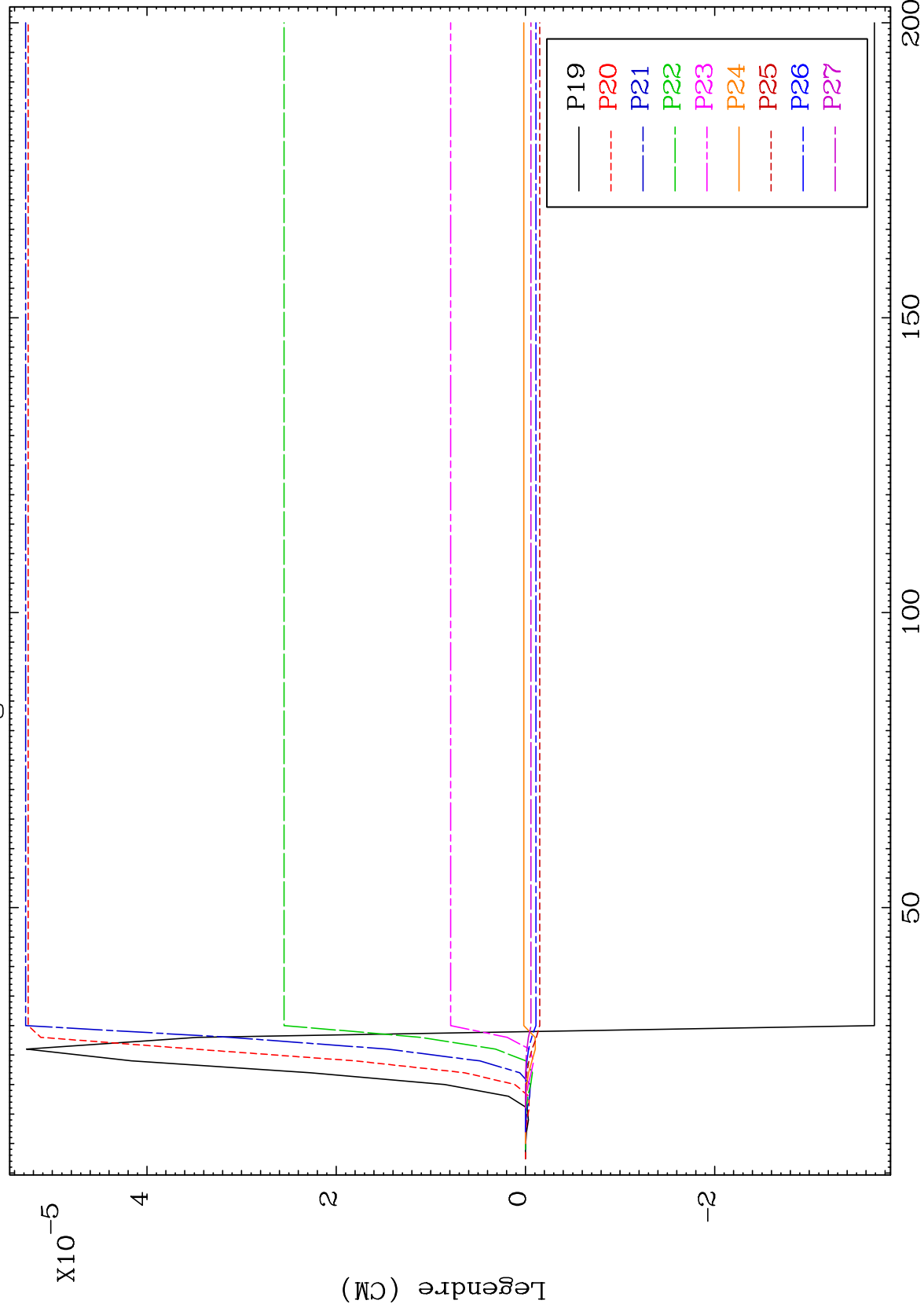
Incident Energy (MeV)

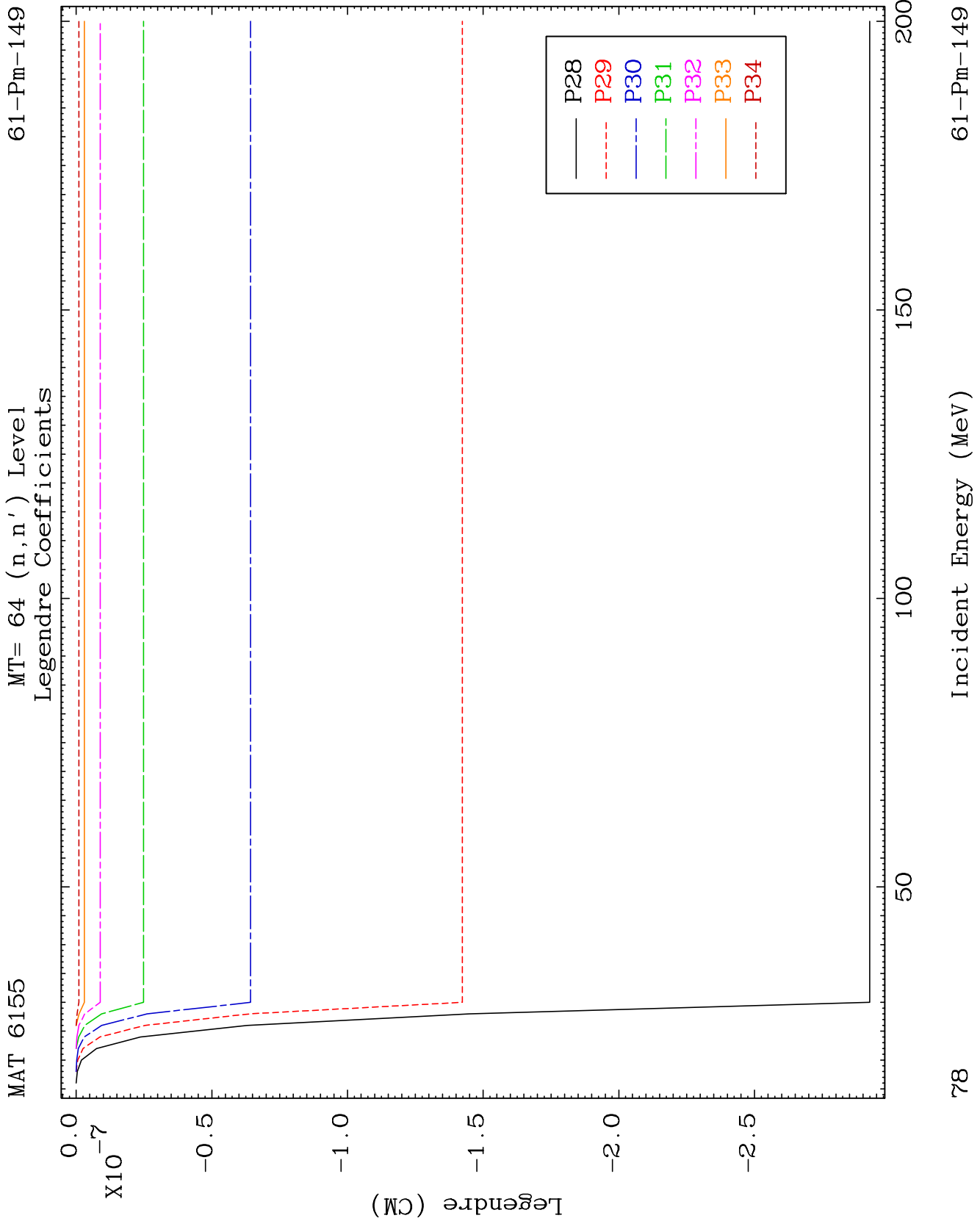
61-Pm-149

MAT 6155

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

61-Pm-149

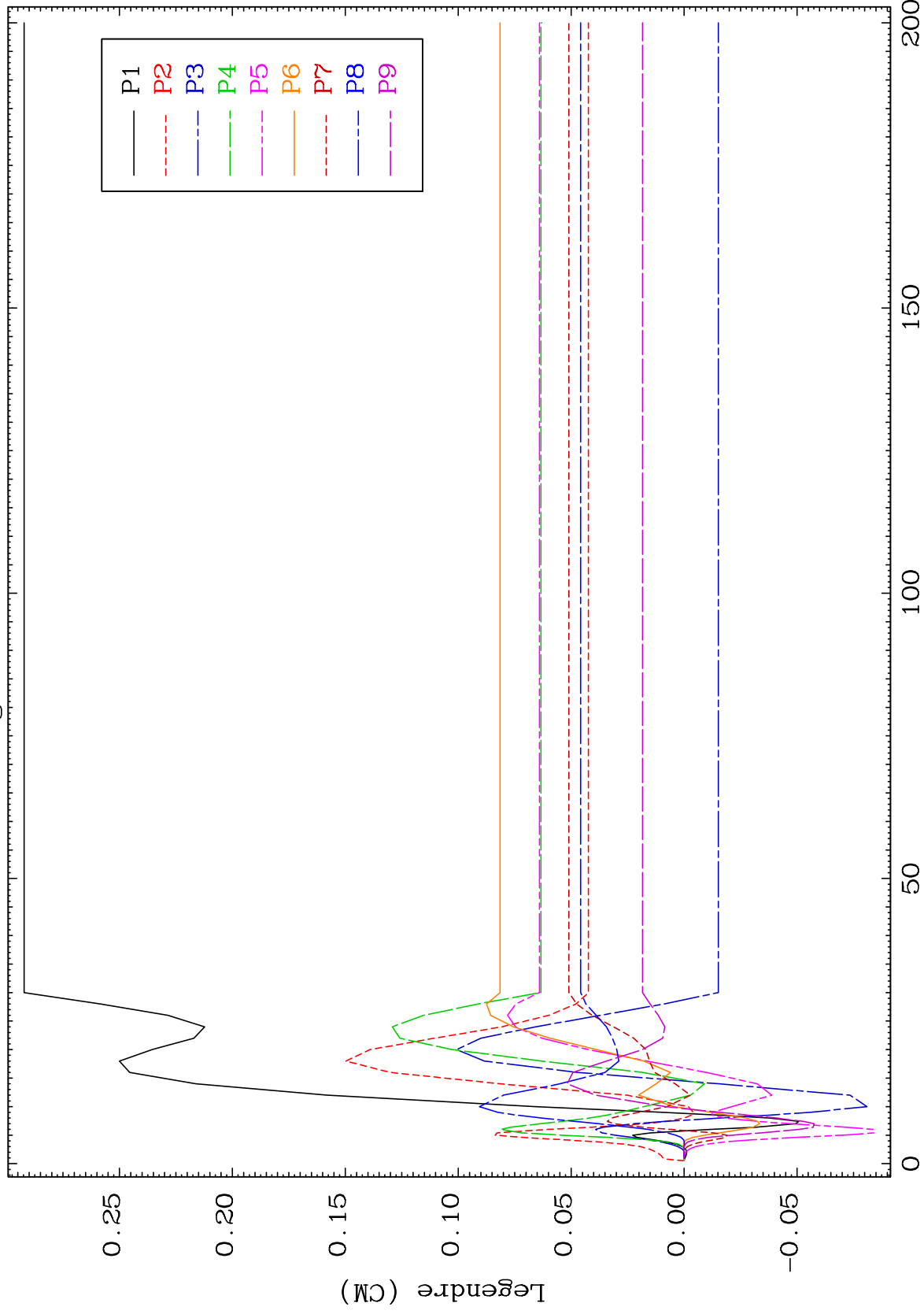




MAT 61555

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

61-Pm-149



79

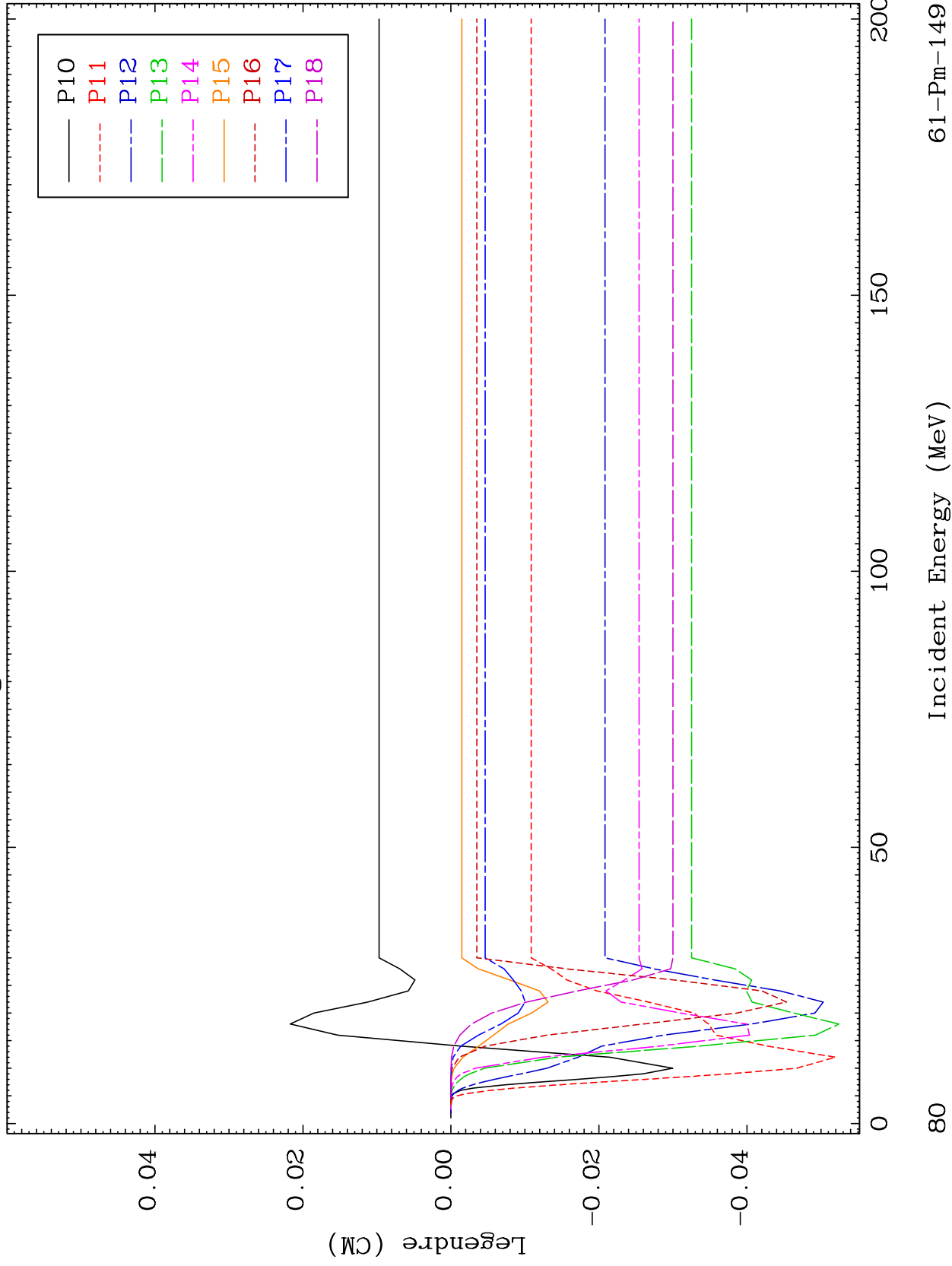
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

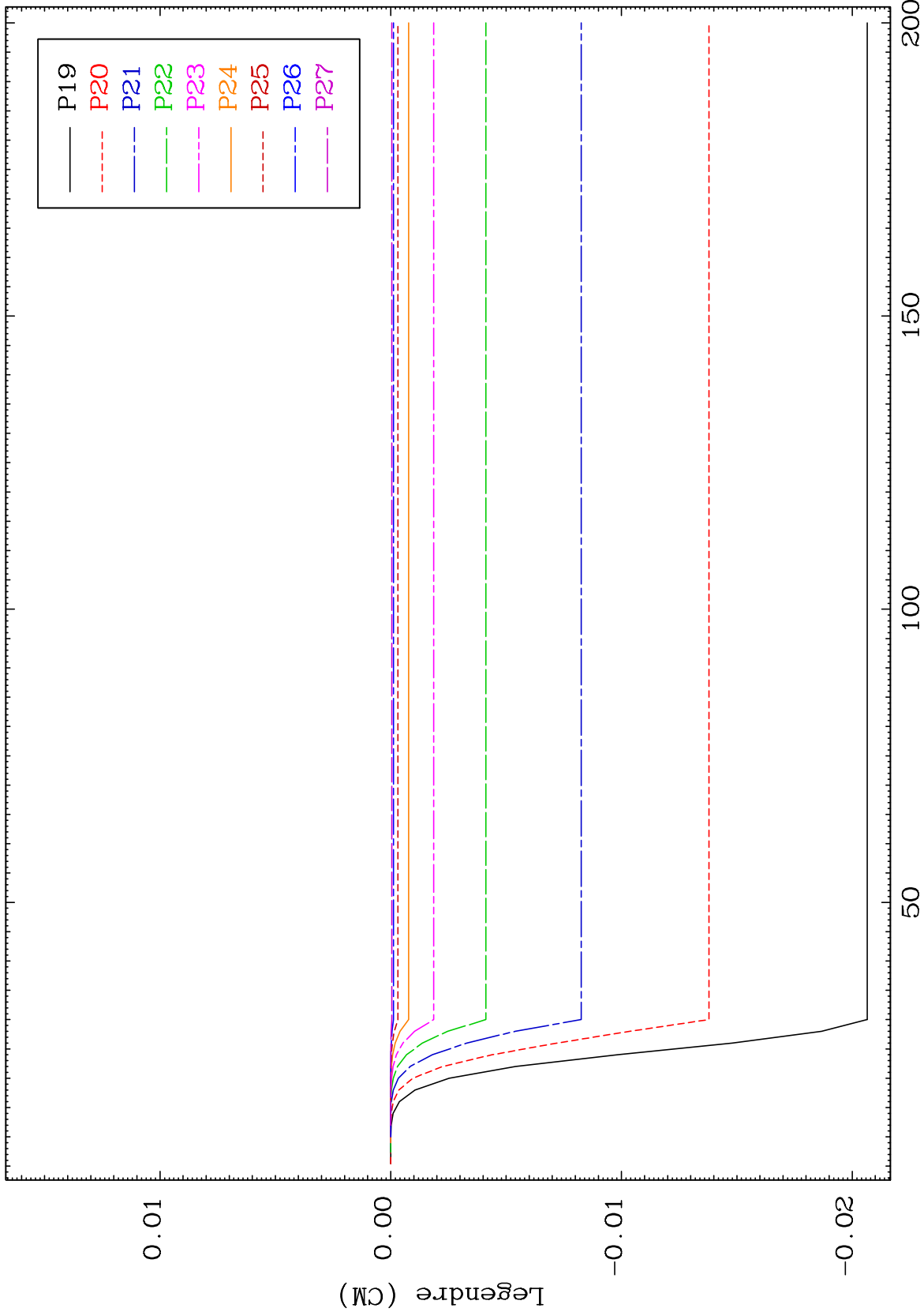
61-Pm-149



MAT 6155

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

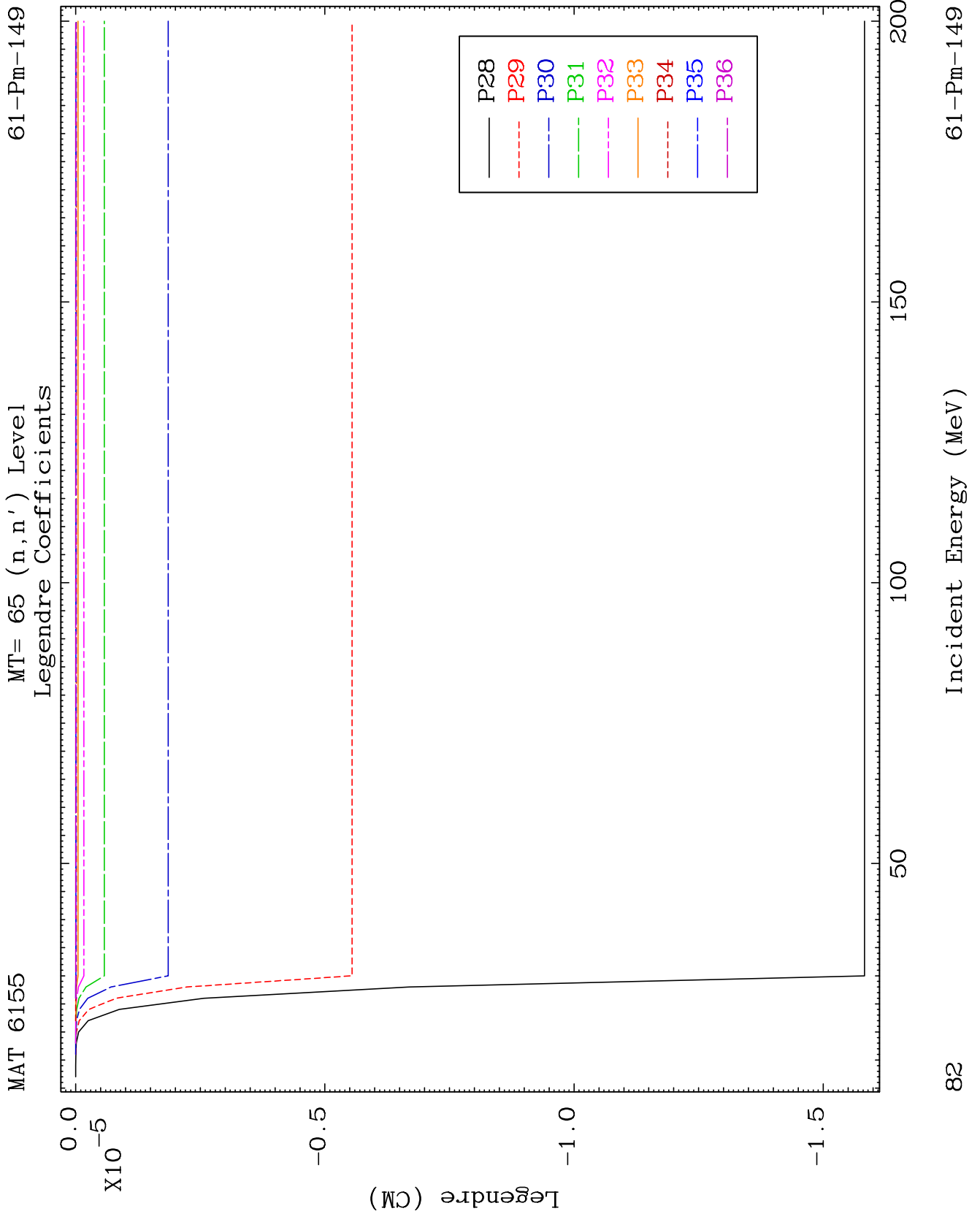
61-Pm-149



81

Incident Energy (MeV)

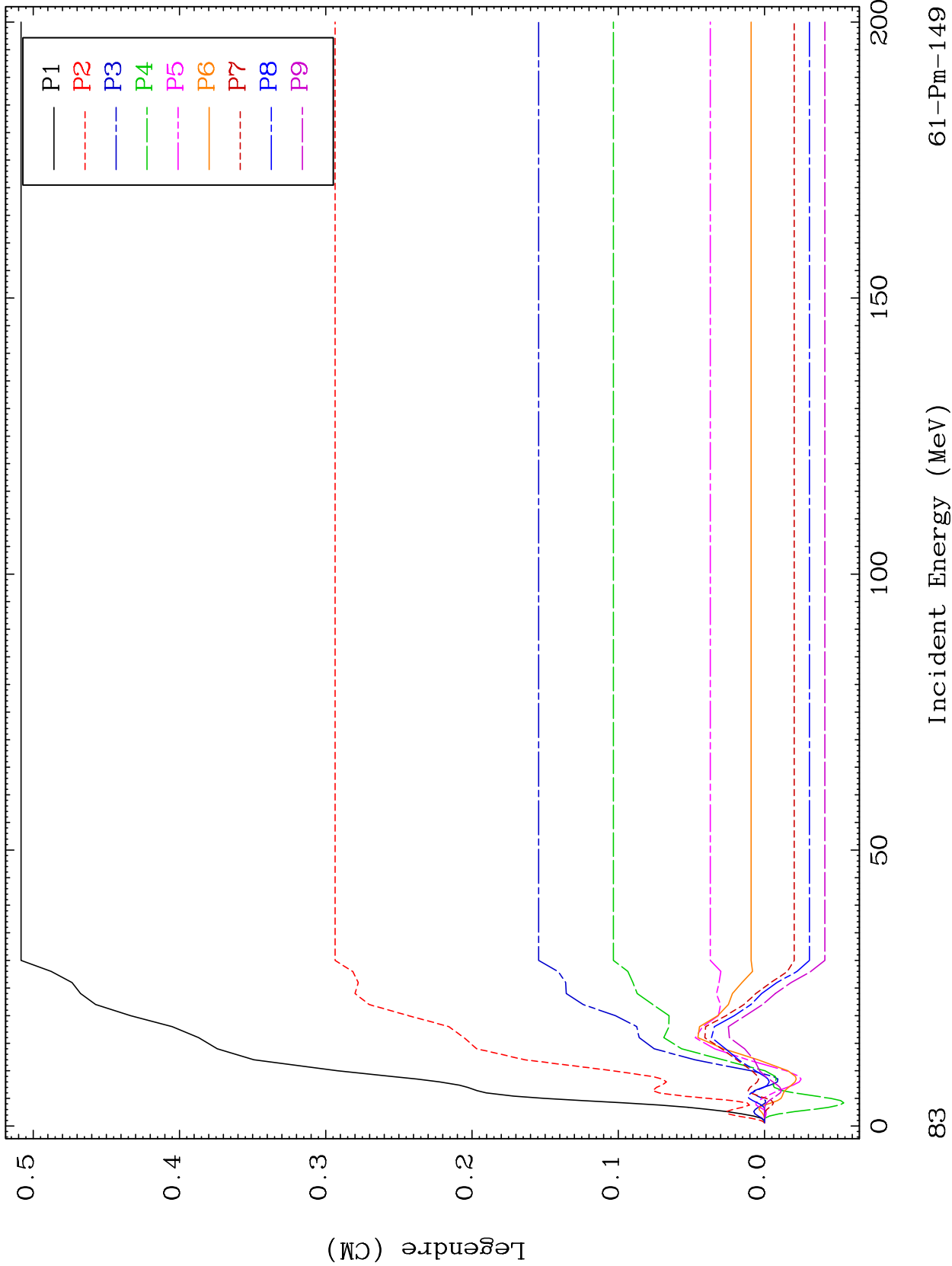
61-Pm-149



MAT 6155

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

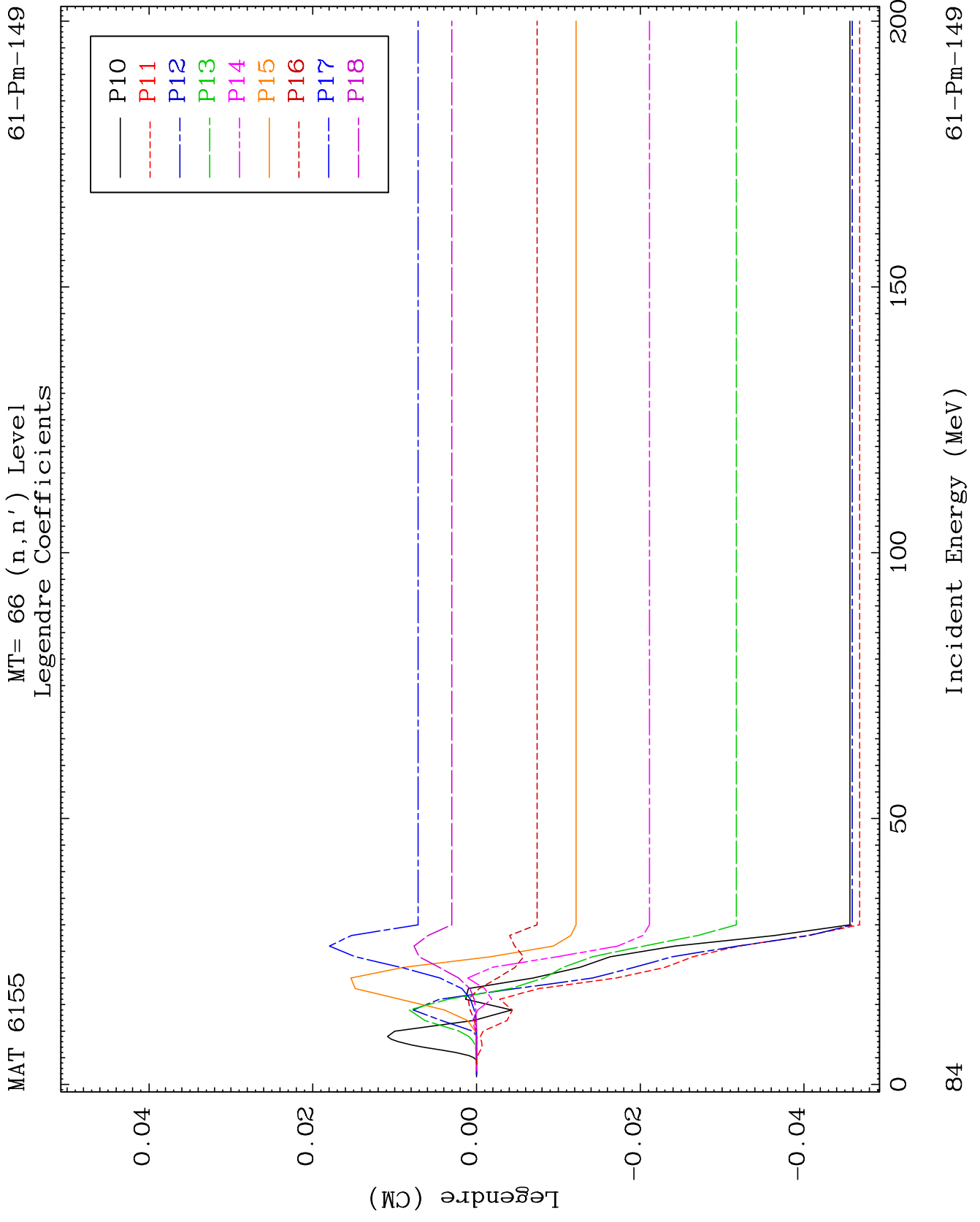
61-Pm-149



83

Incident Energy (MeV)

61-Pm-149



61-Pm-149

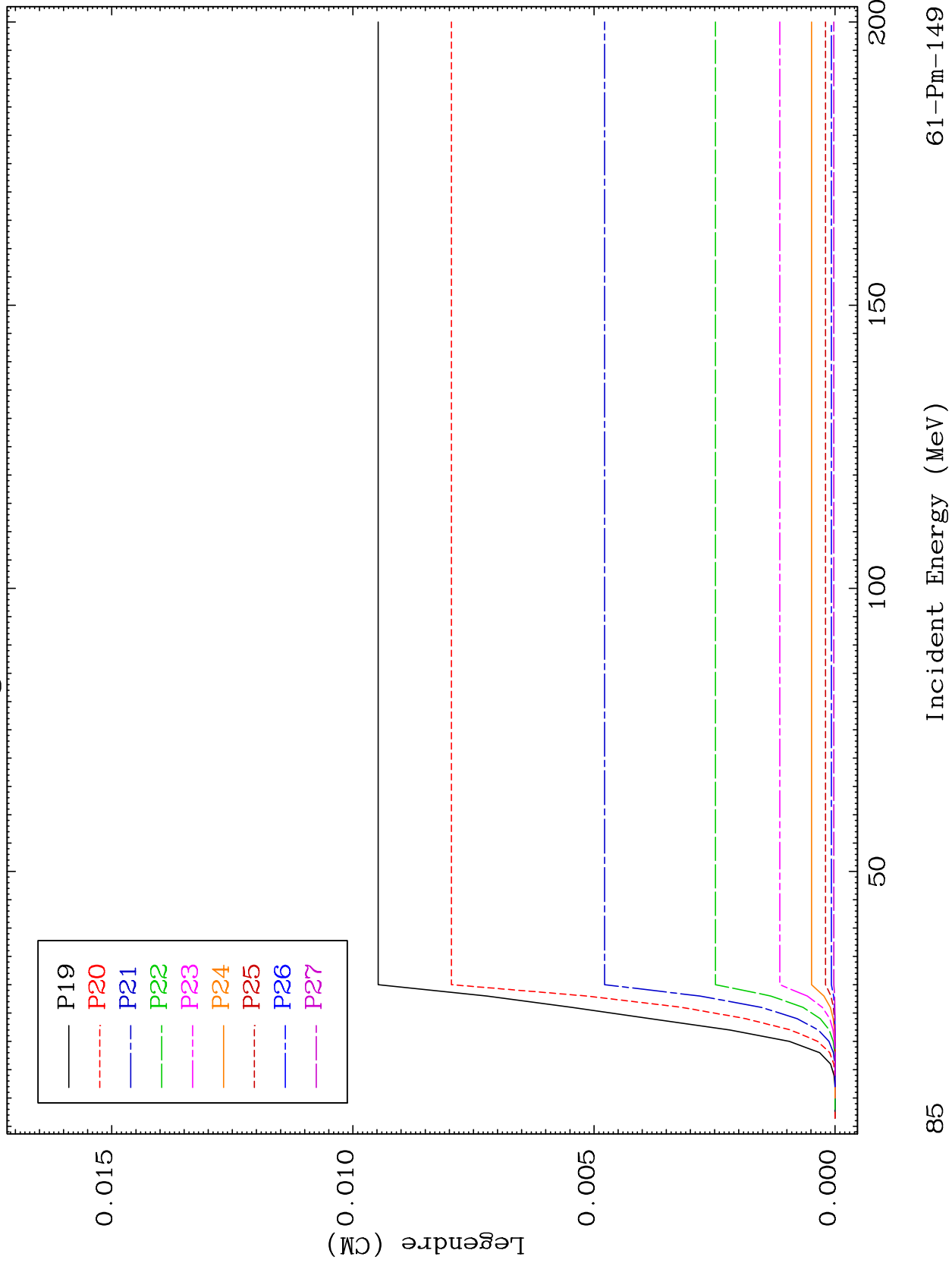
Incident Energy (MeV)

84

MAT 6155

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

61-Pm-149



85

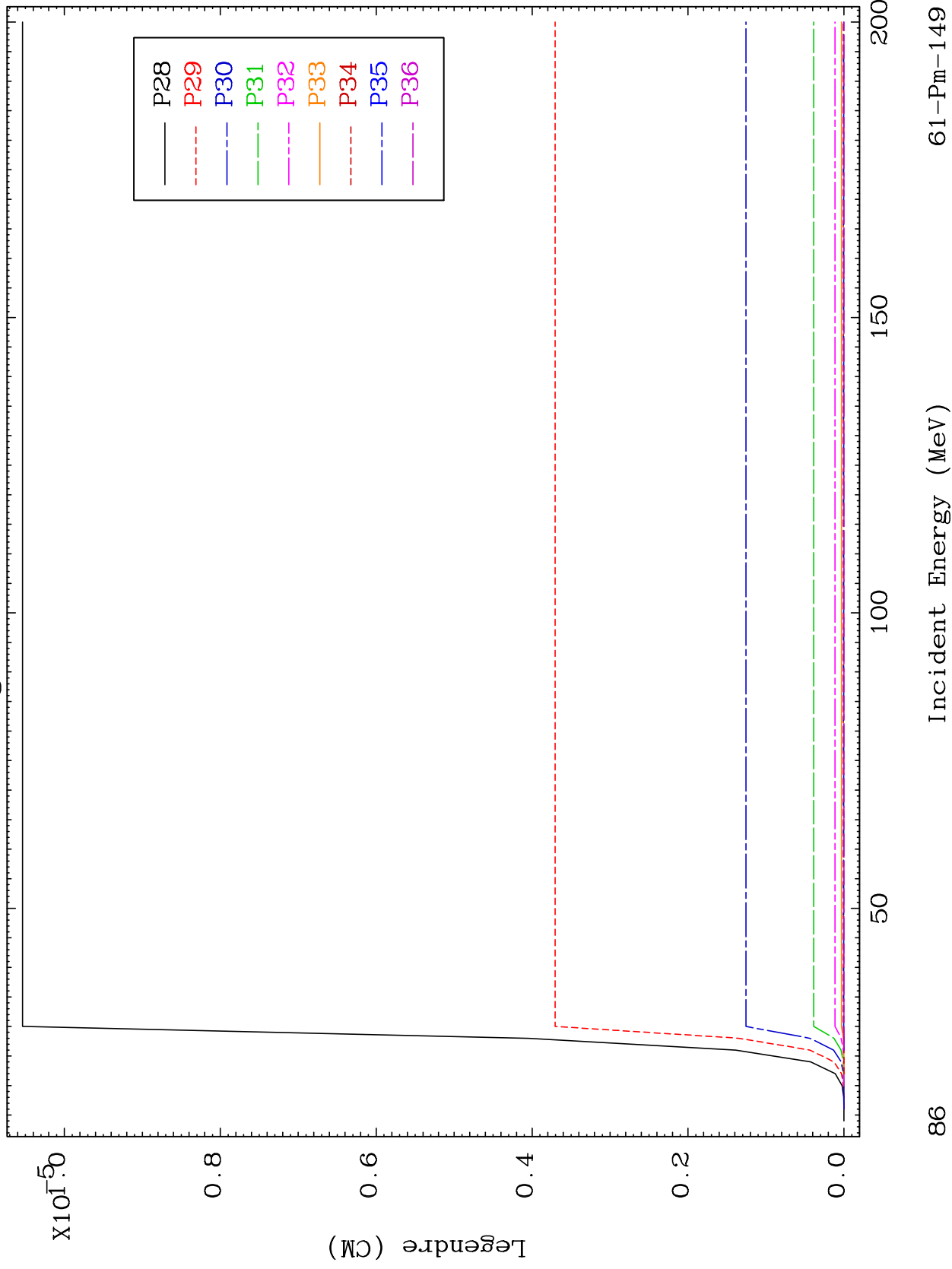
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



86

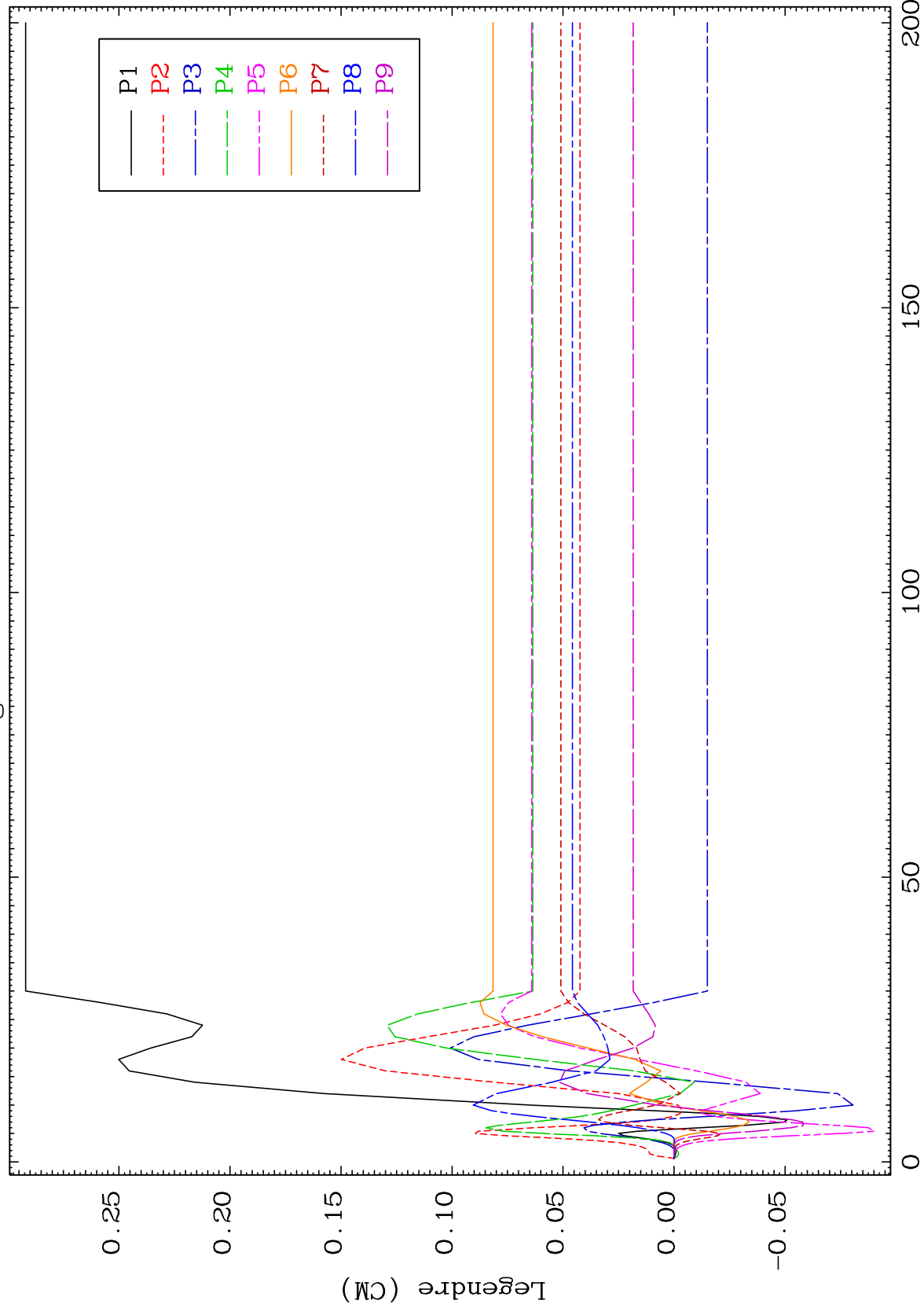
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



61-Pm-149

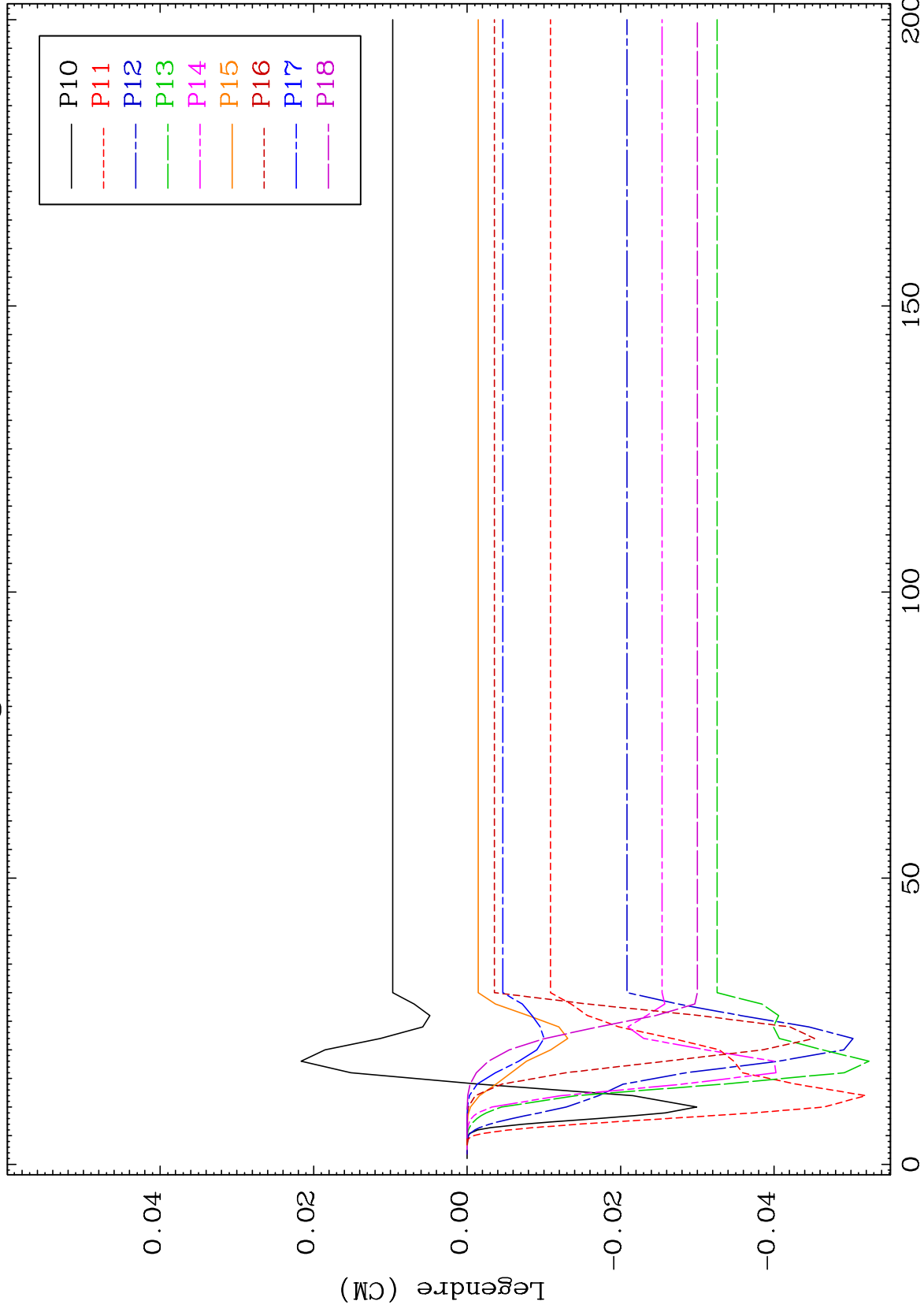
Incident Energy (MeV)

87

MAT 6155

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

61-Pm-149



88

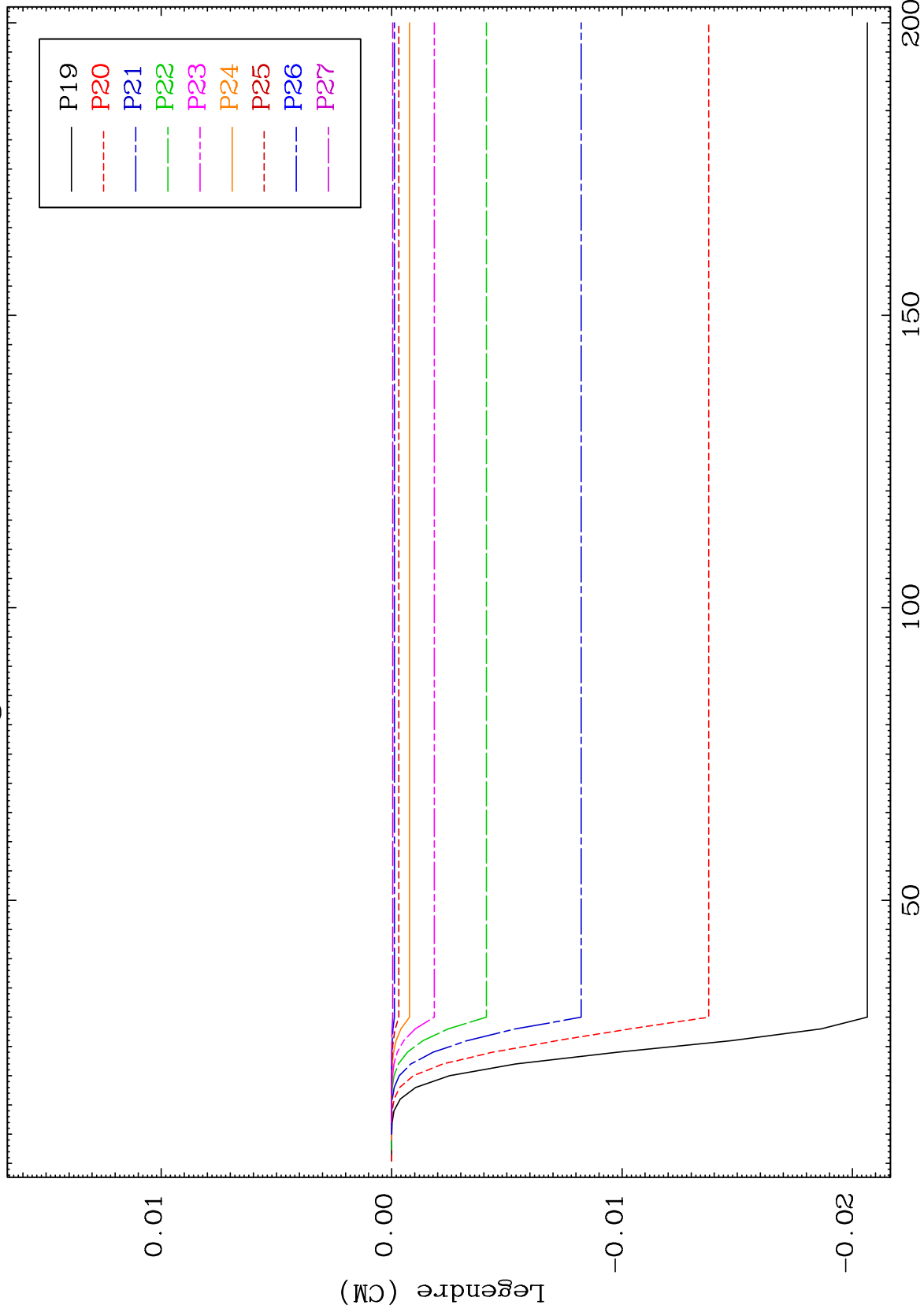
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

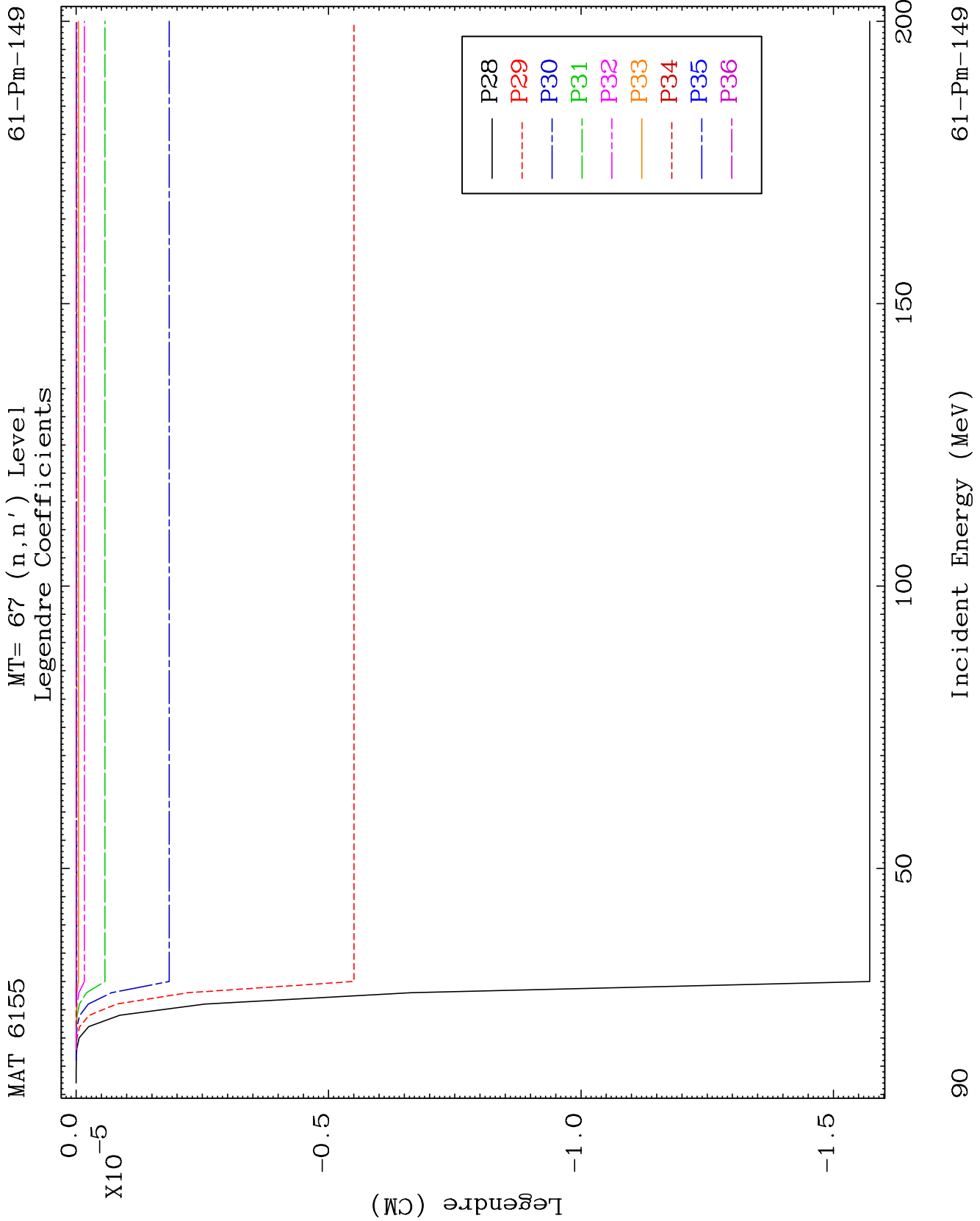
61-Pm-149



89

Incident Energy (MeV)

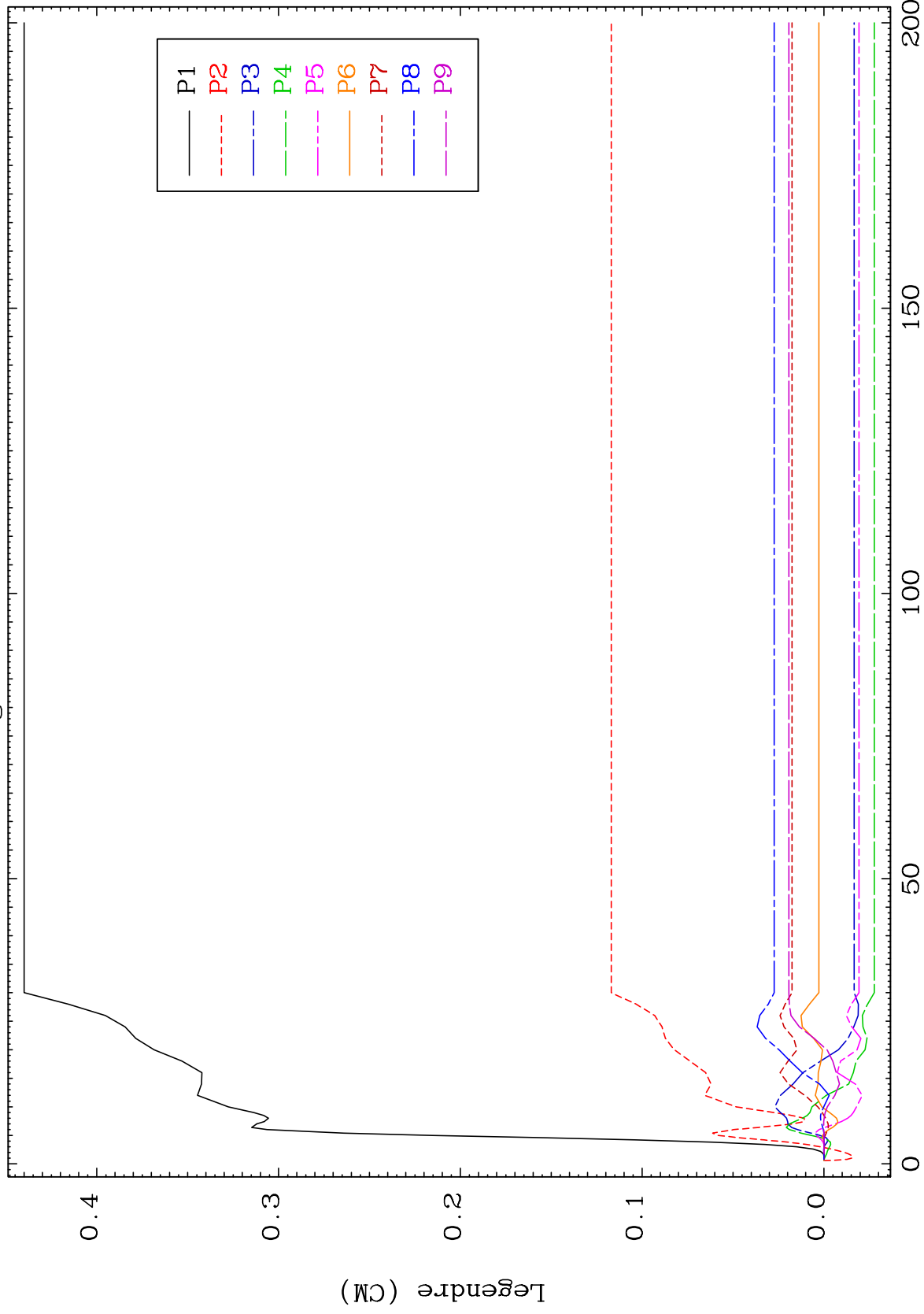
61-Pm-149



MAT 6155

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

61-Pm-149



91

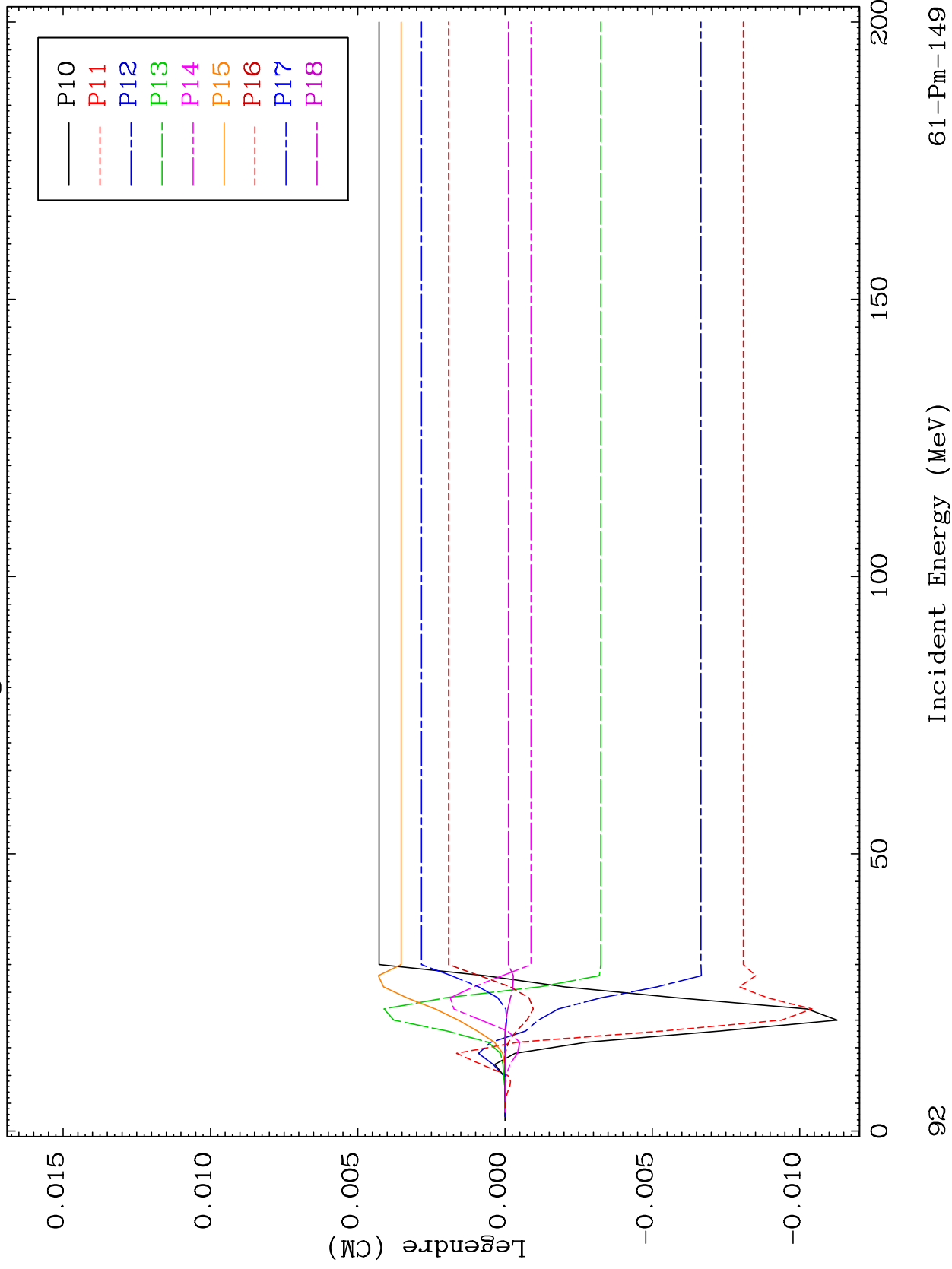
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



92

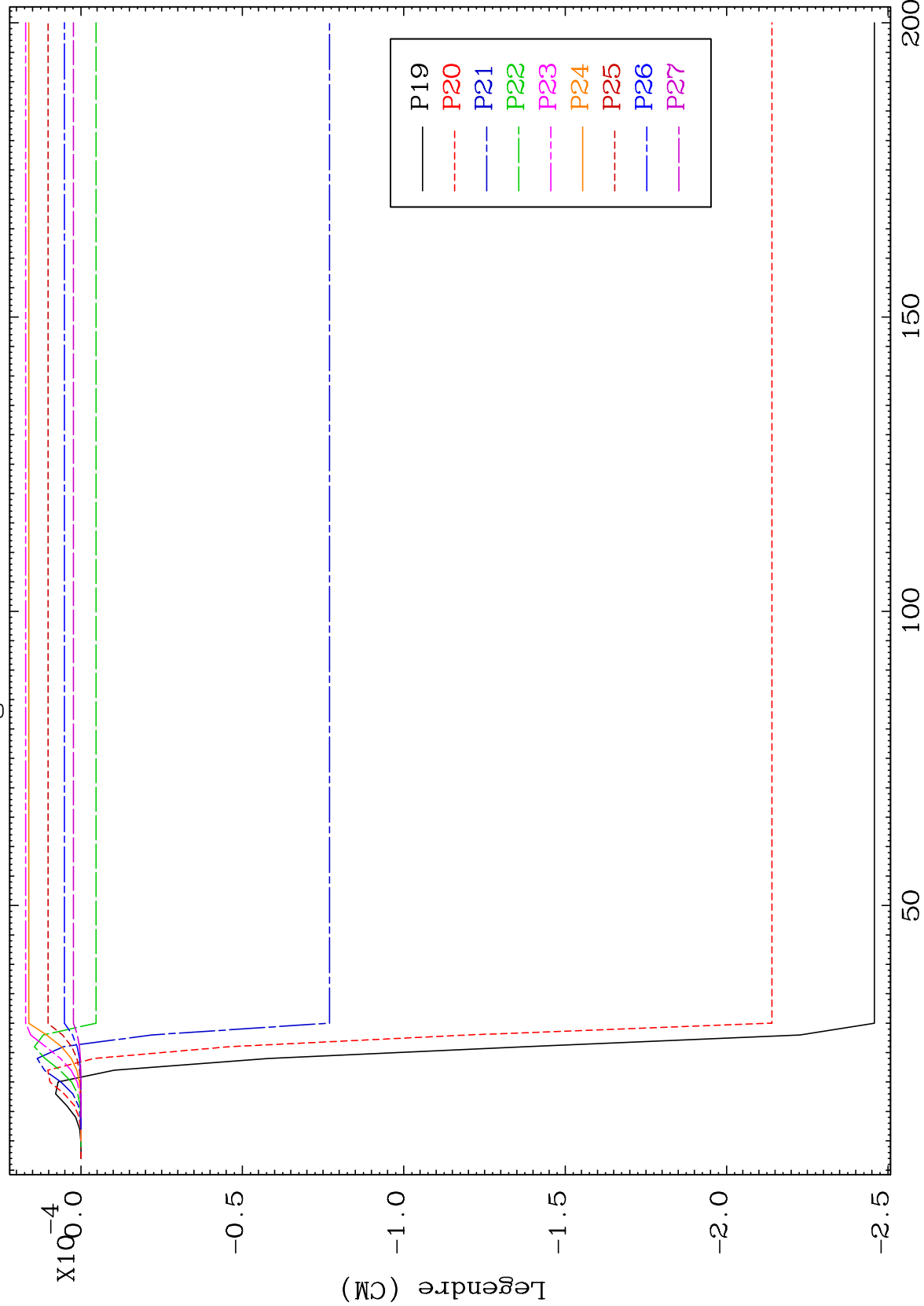
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



61-Pm-149

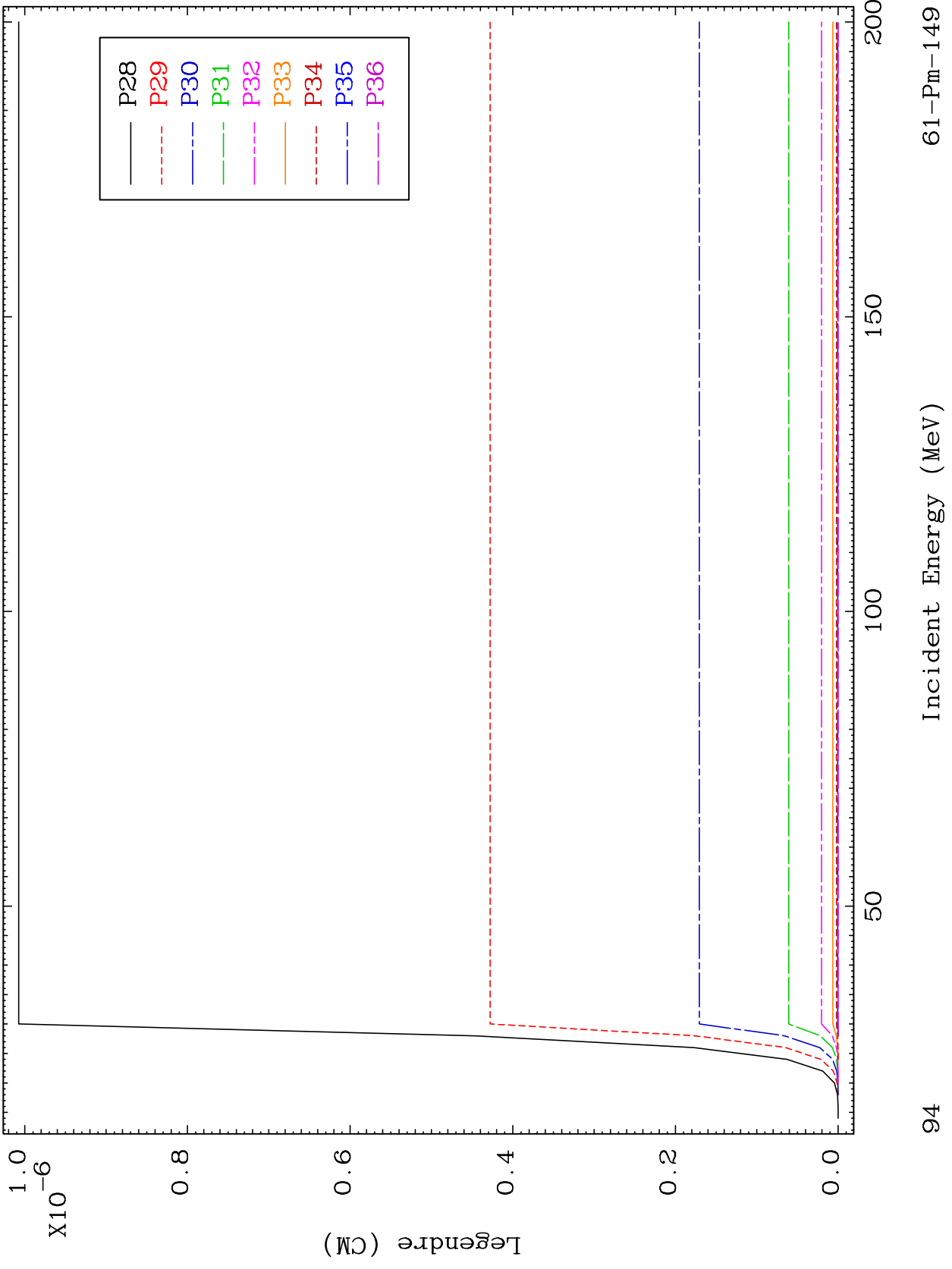
Incident Energy (MeV)

93

MAT 6155

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

61-Pm-149

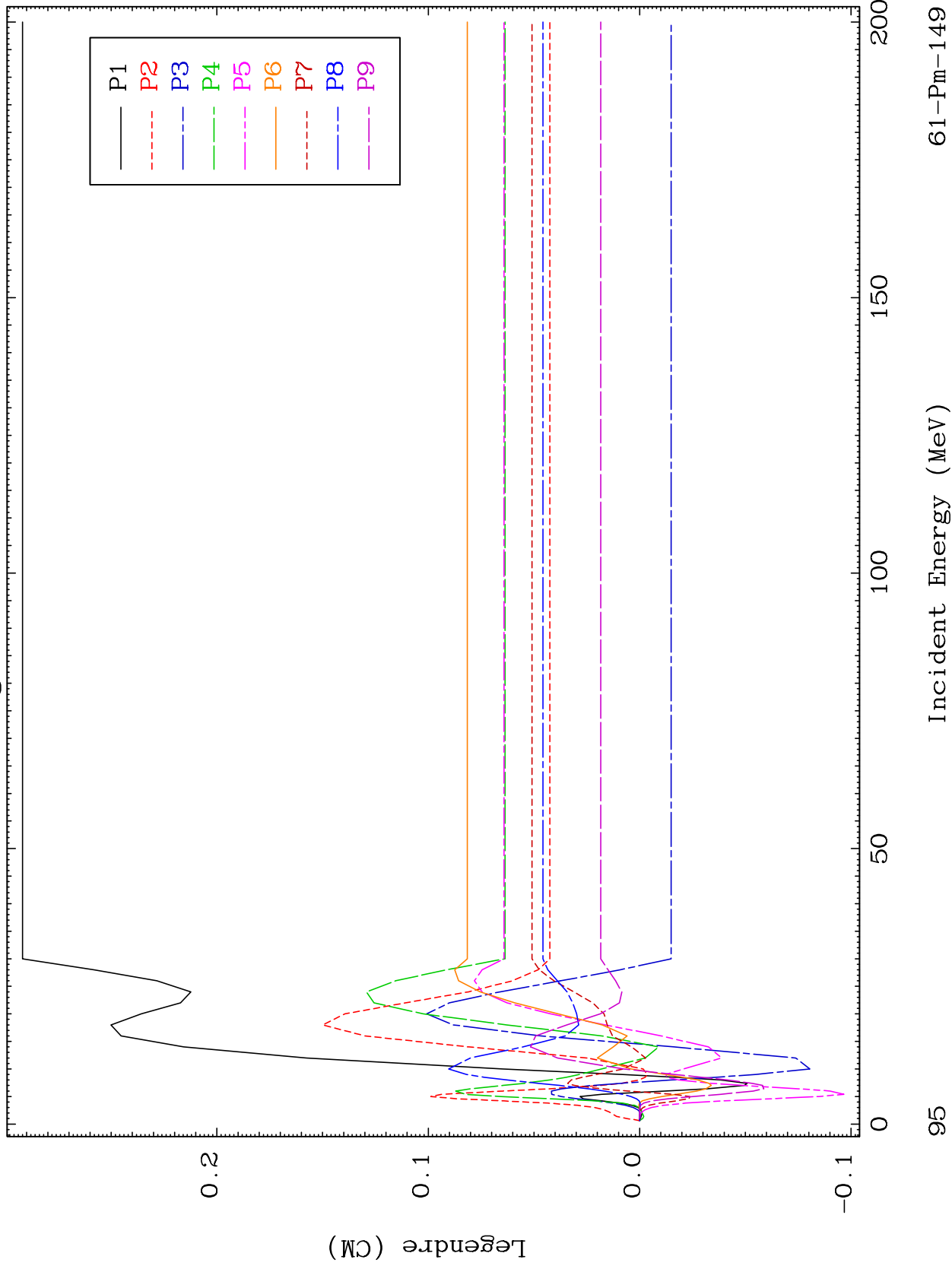


94

MAT 6155

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

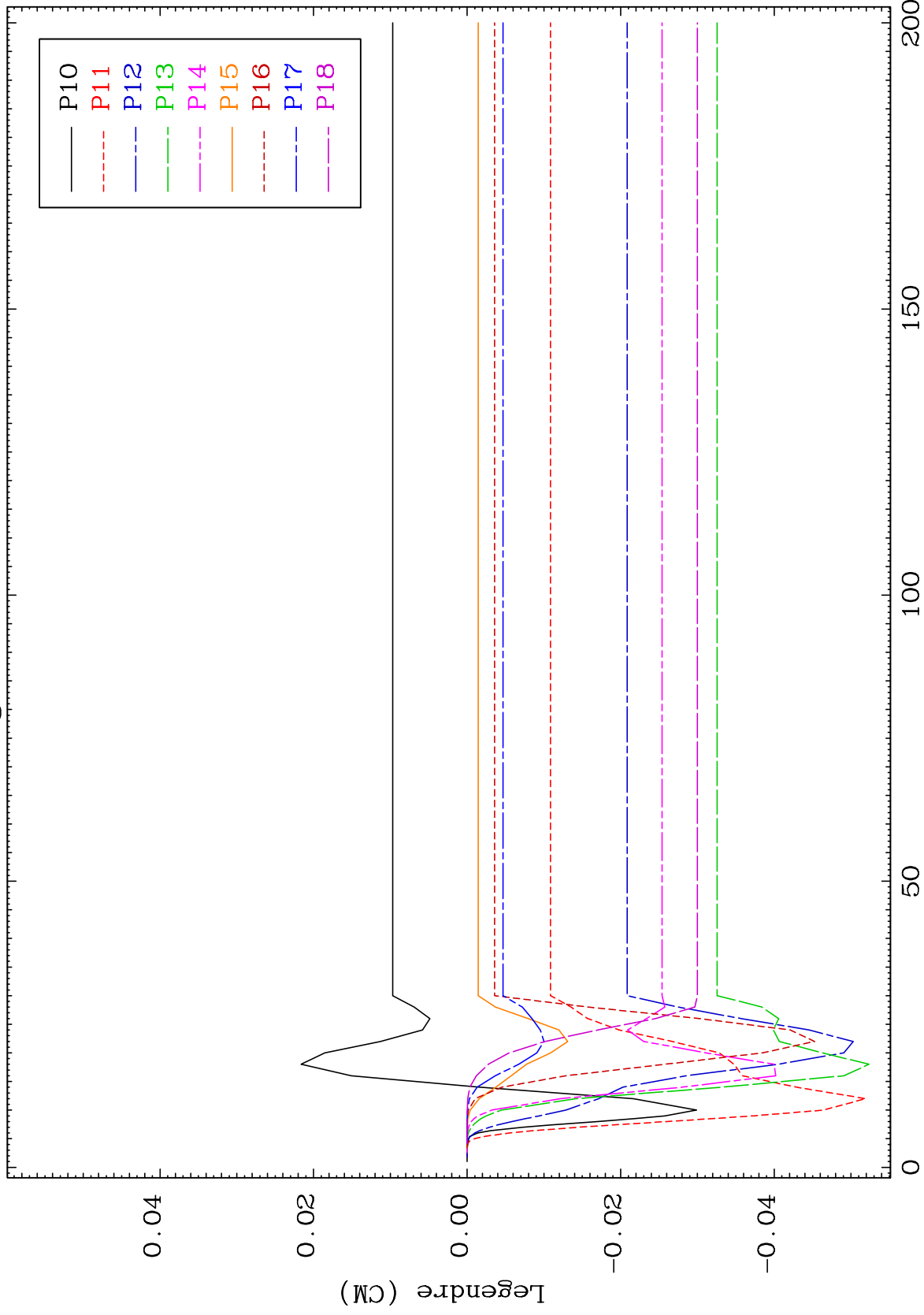
61-Pm-149



MAT 6155

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

61-Pm-149



96

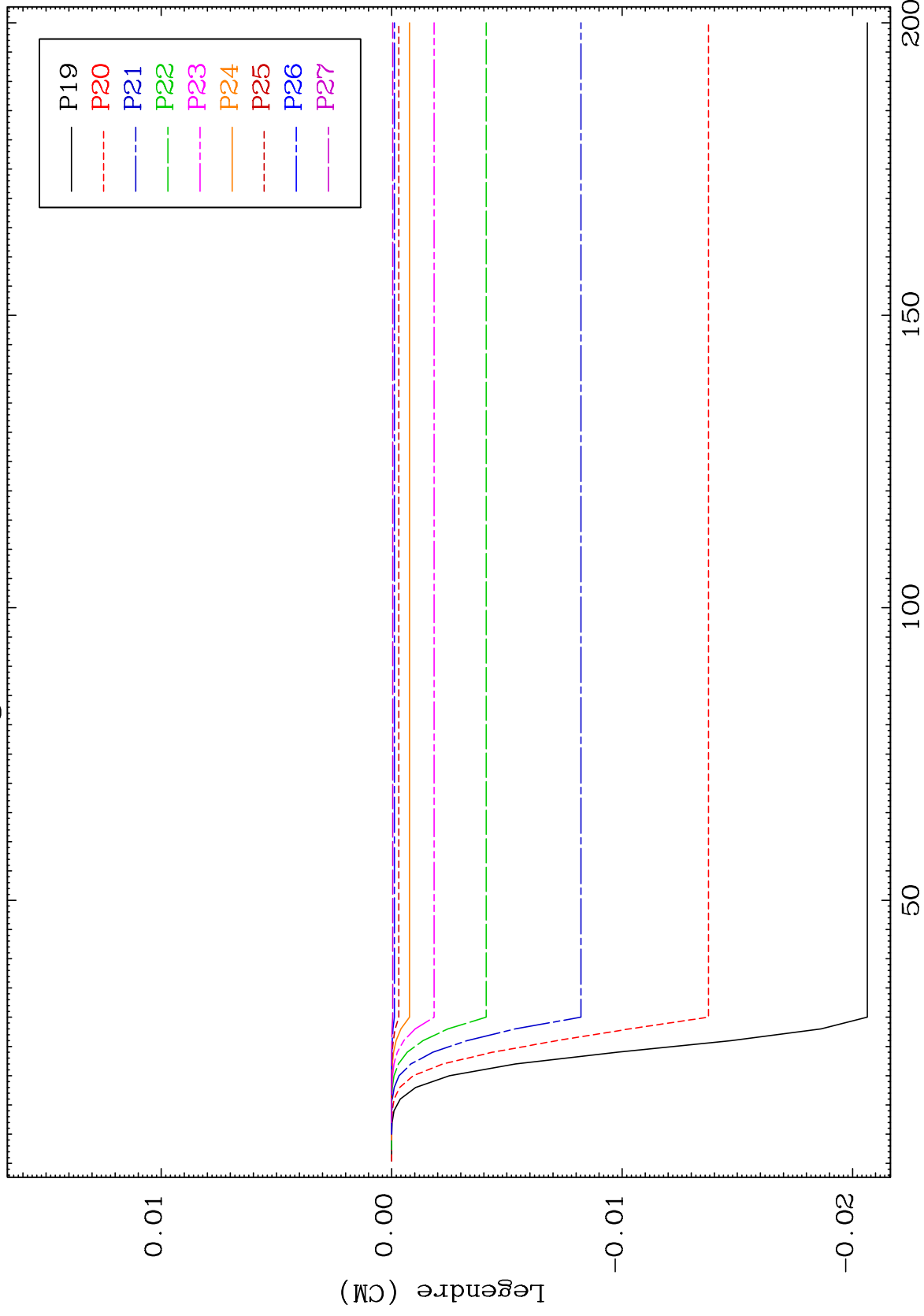
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

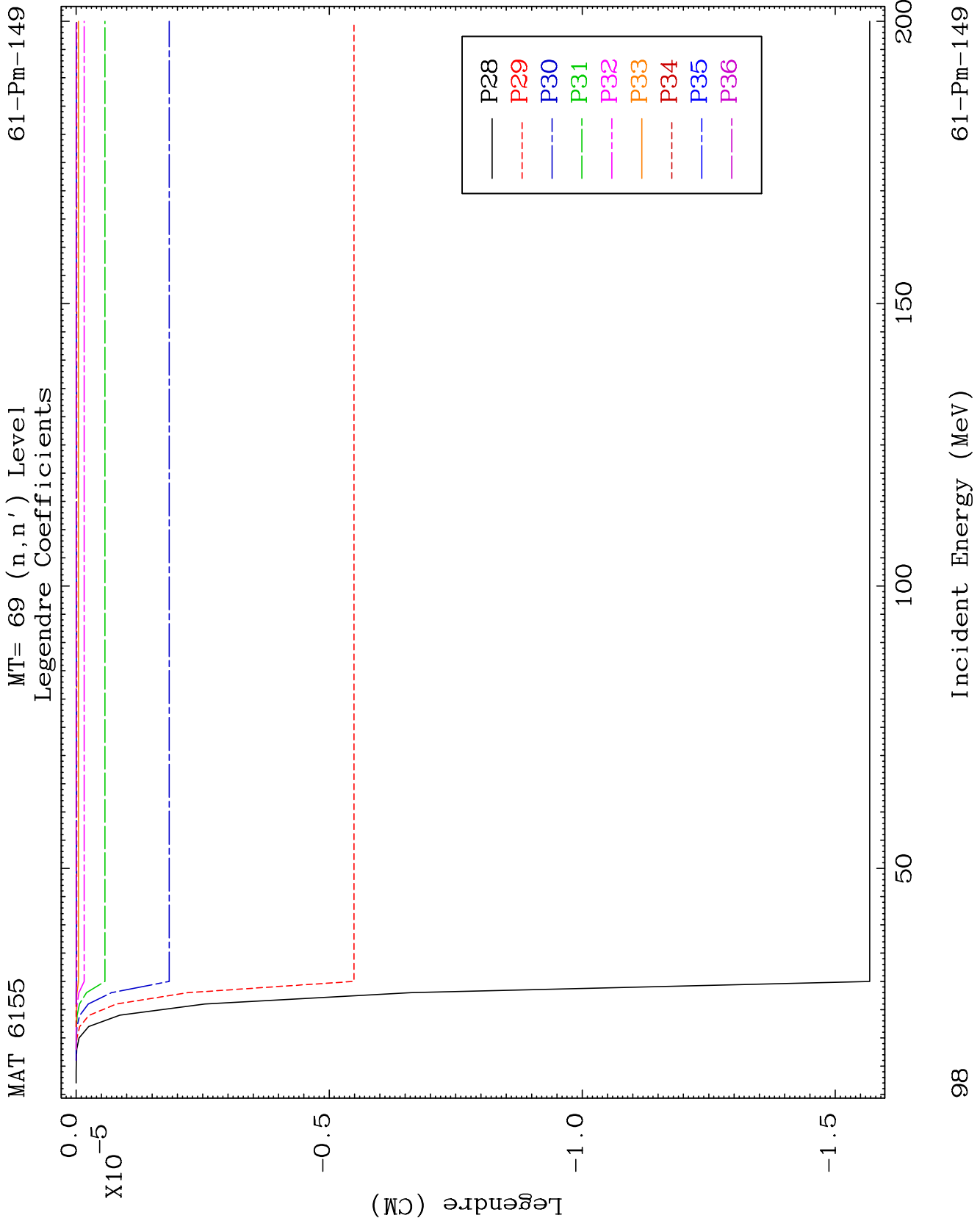
61-Pm-149



97

Incident Energy (MeV)

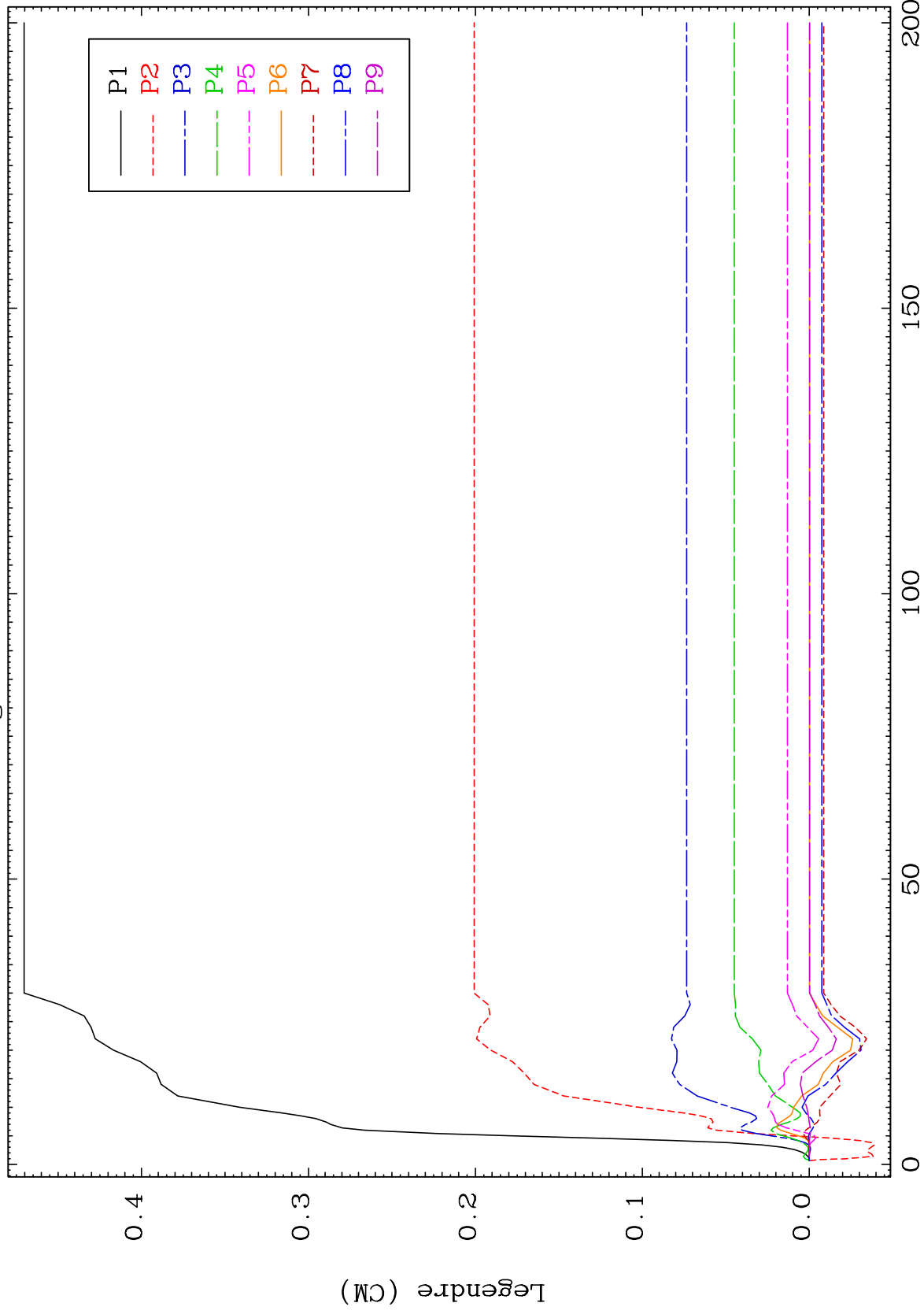
61-Pm-149



MAT 6155

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

61-Pm-149



99

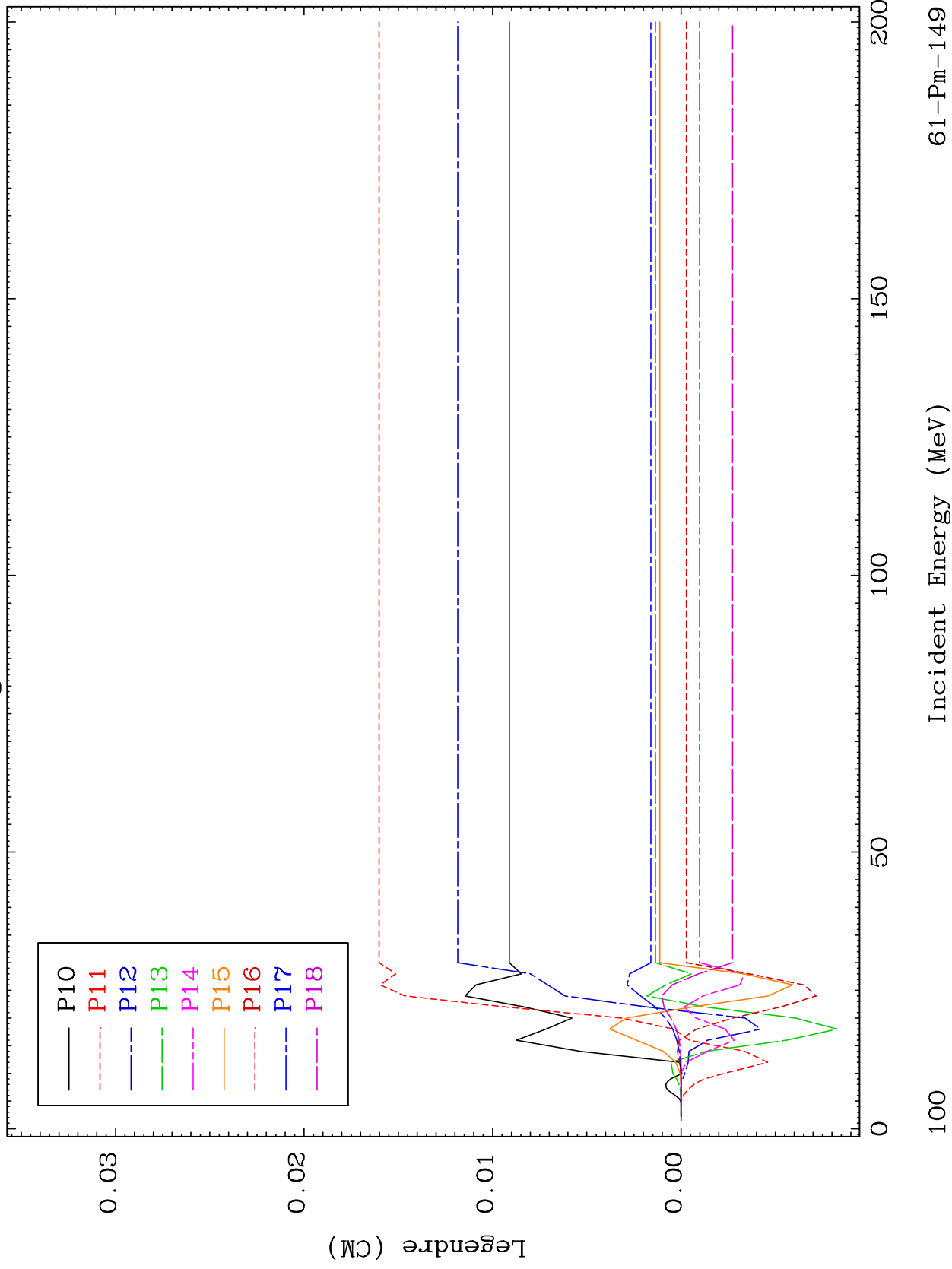
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



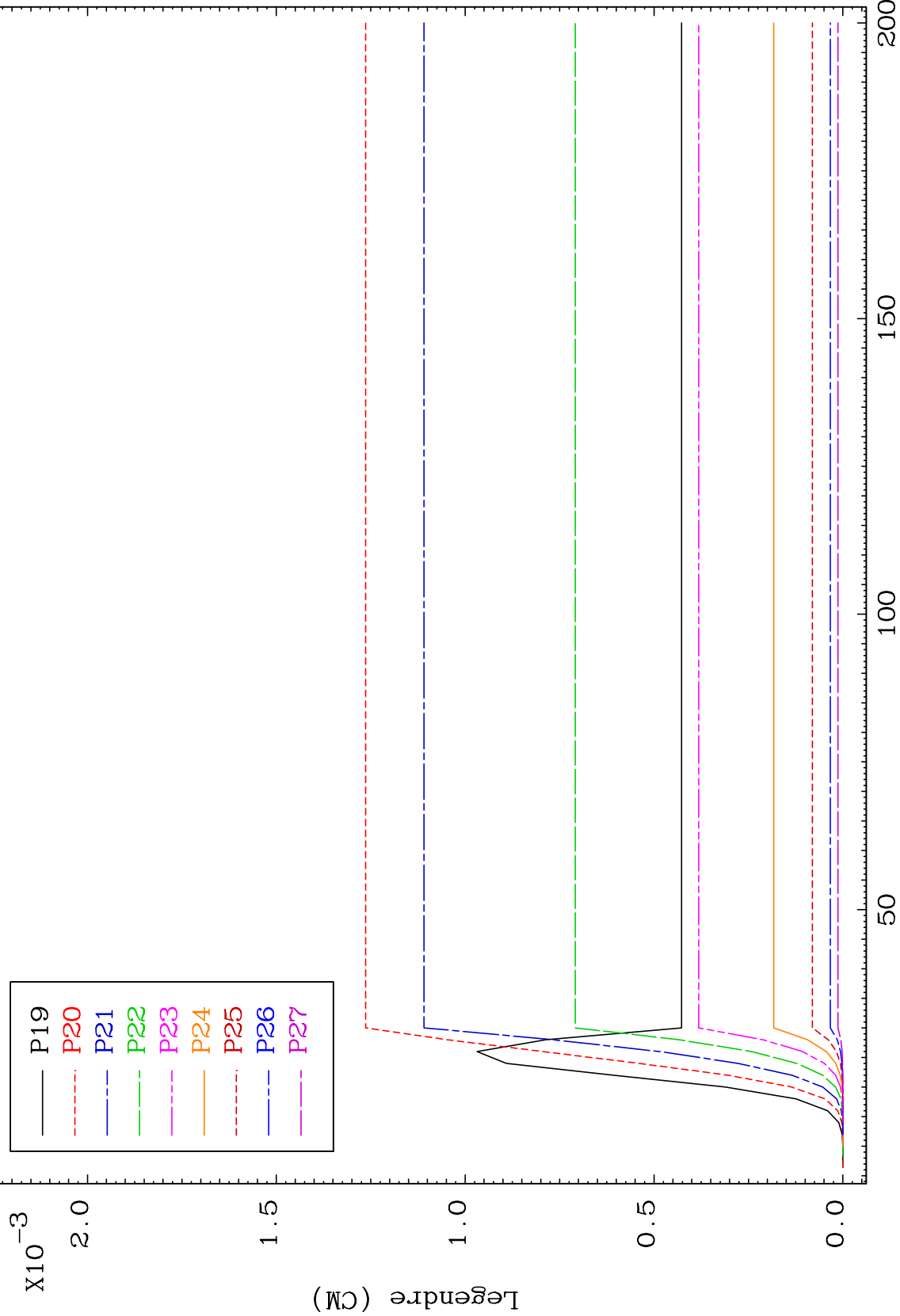
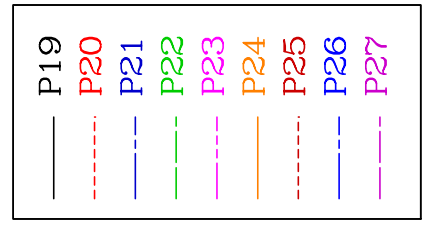
61-Pm-149

Incident Energy (MeV)

MAT 6155

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

61-Pm-149



101

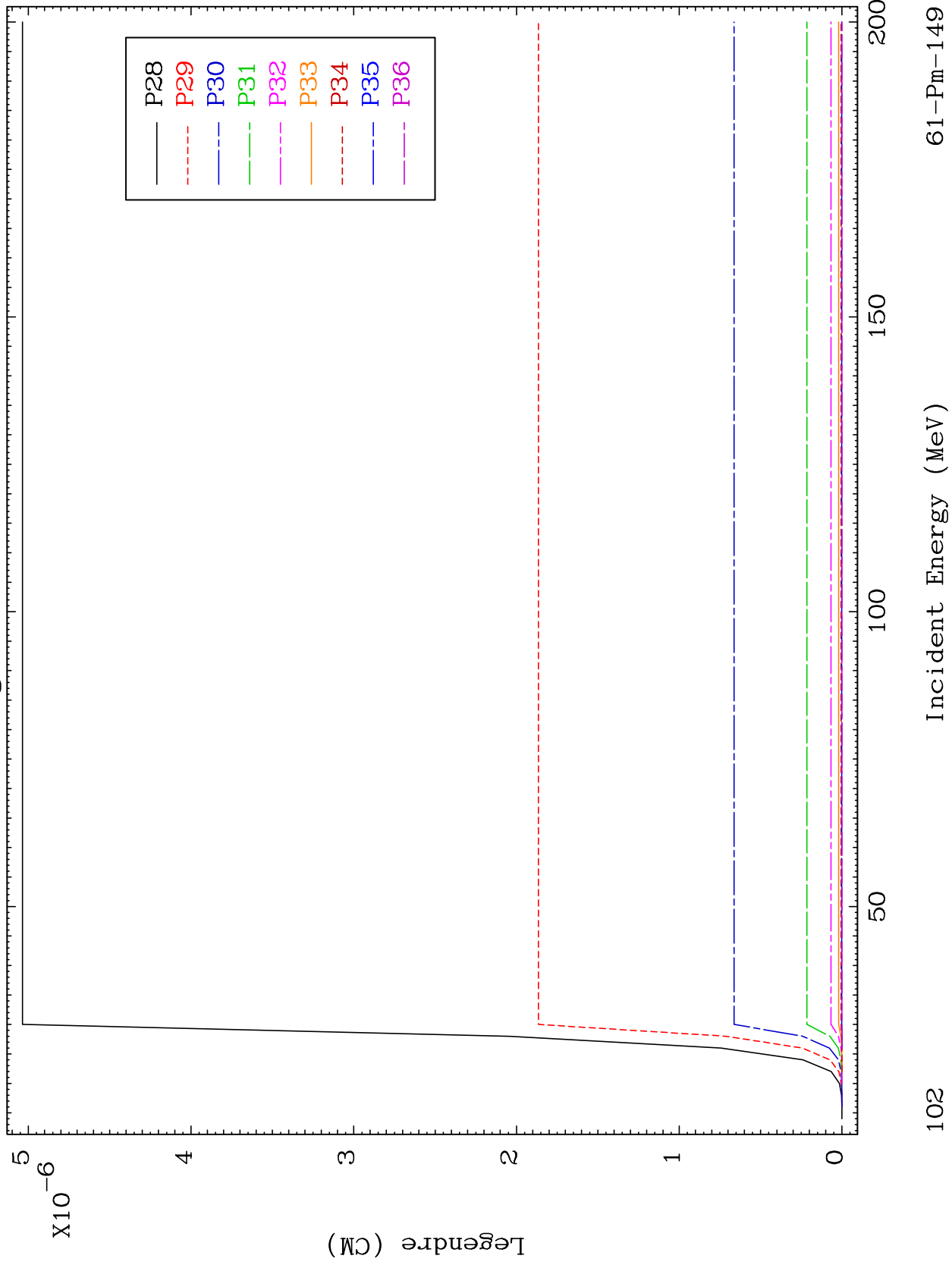
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149

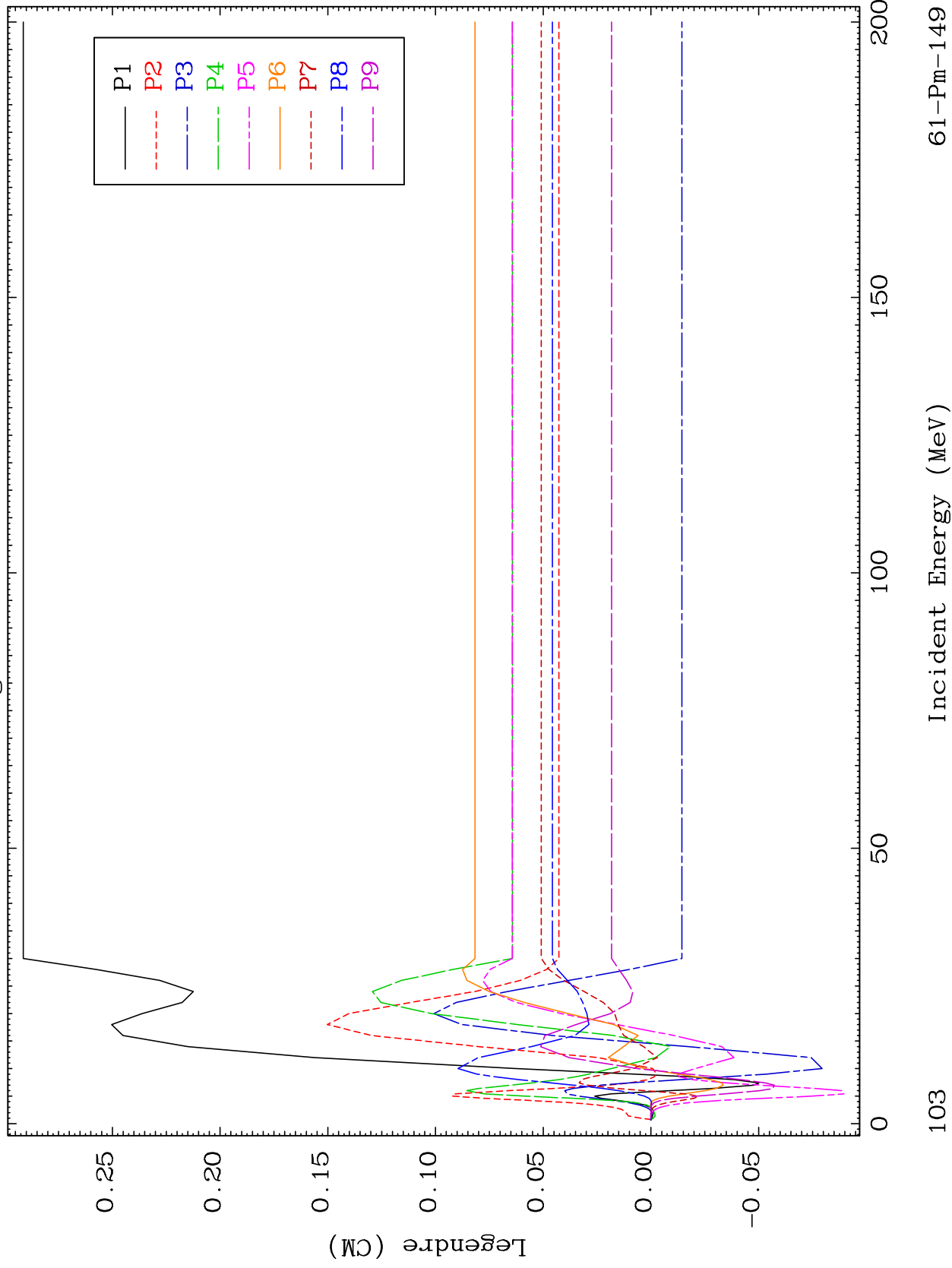


102

MAT 6155

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

61-Pm-149



61-Pm-149

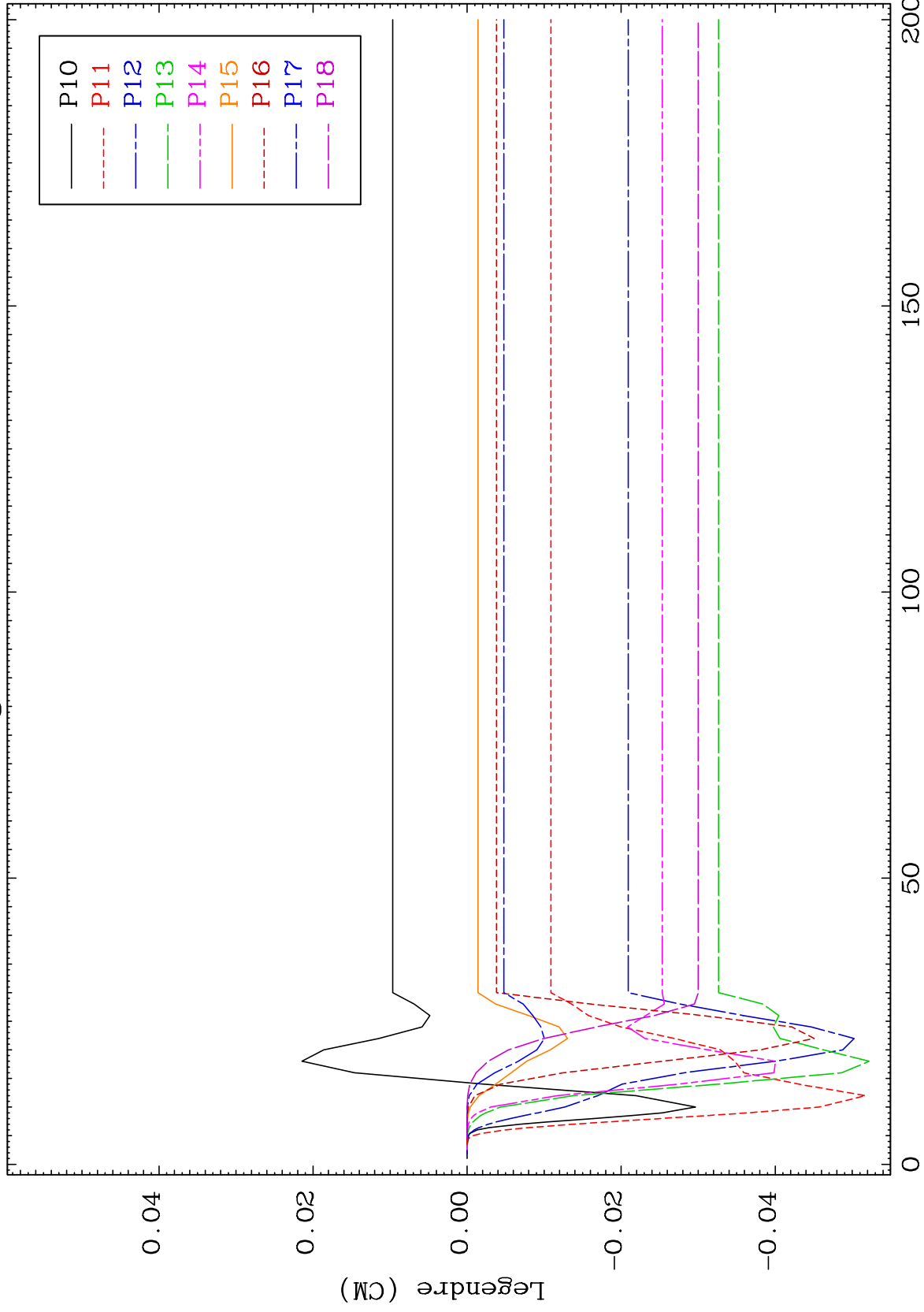
Incident Energy (MeV)

103

MAT 6155

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

61-Pm-149



61-Pm-149

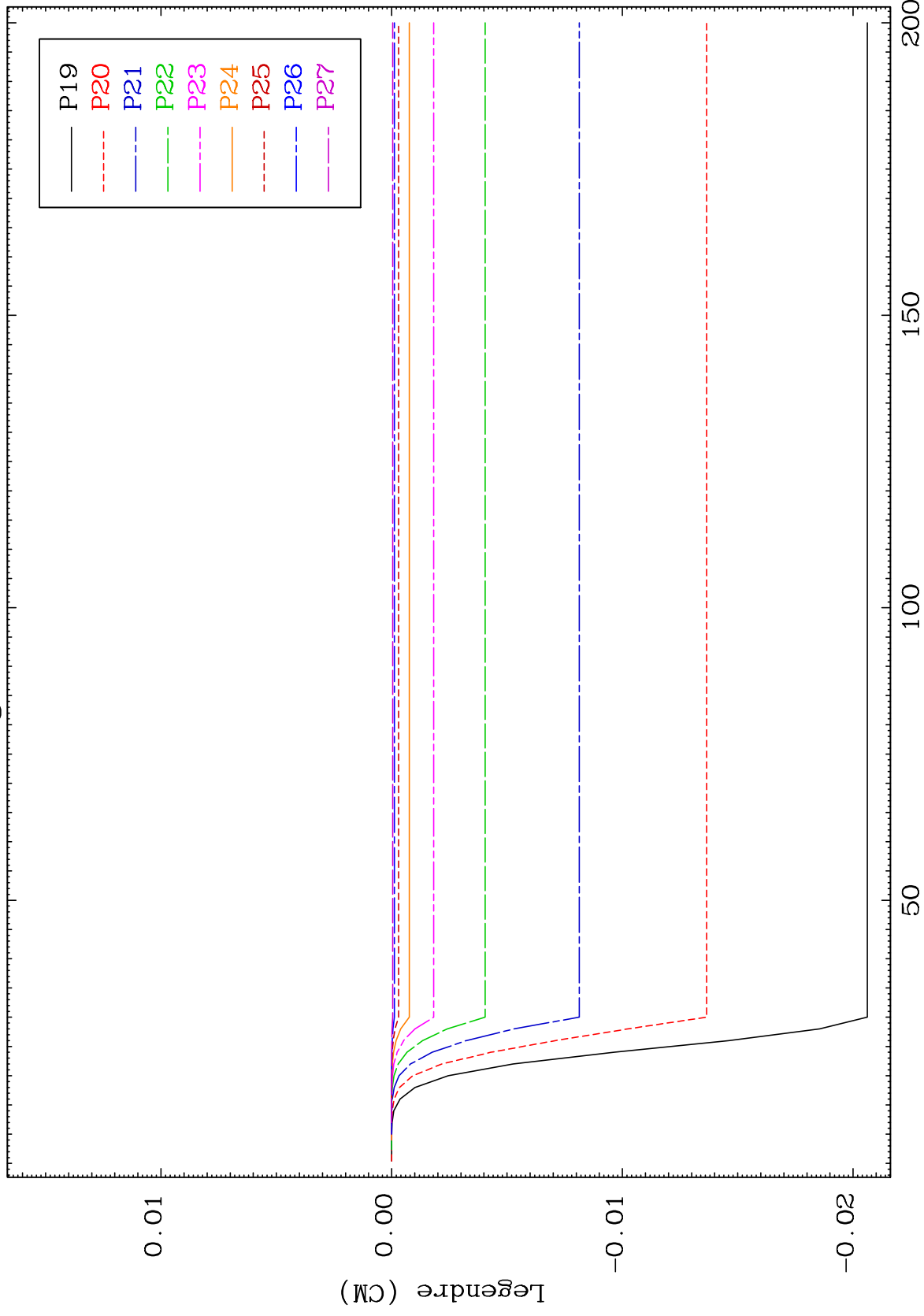
Incident Energy (MeV)

104

MAT 6155

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

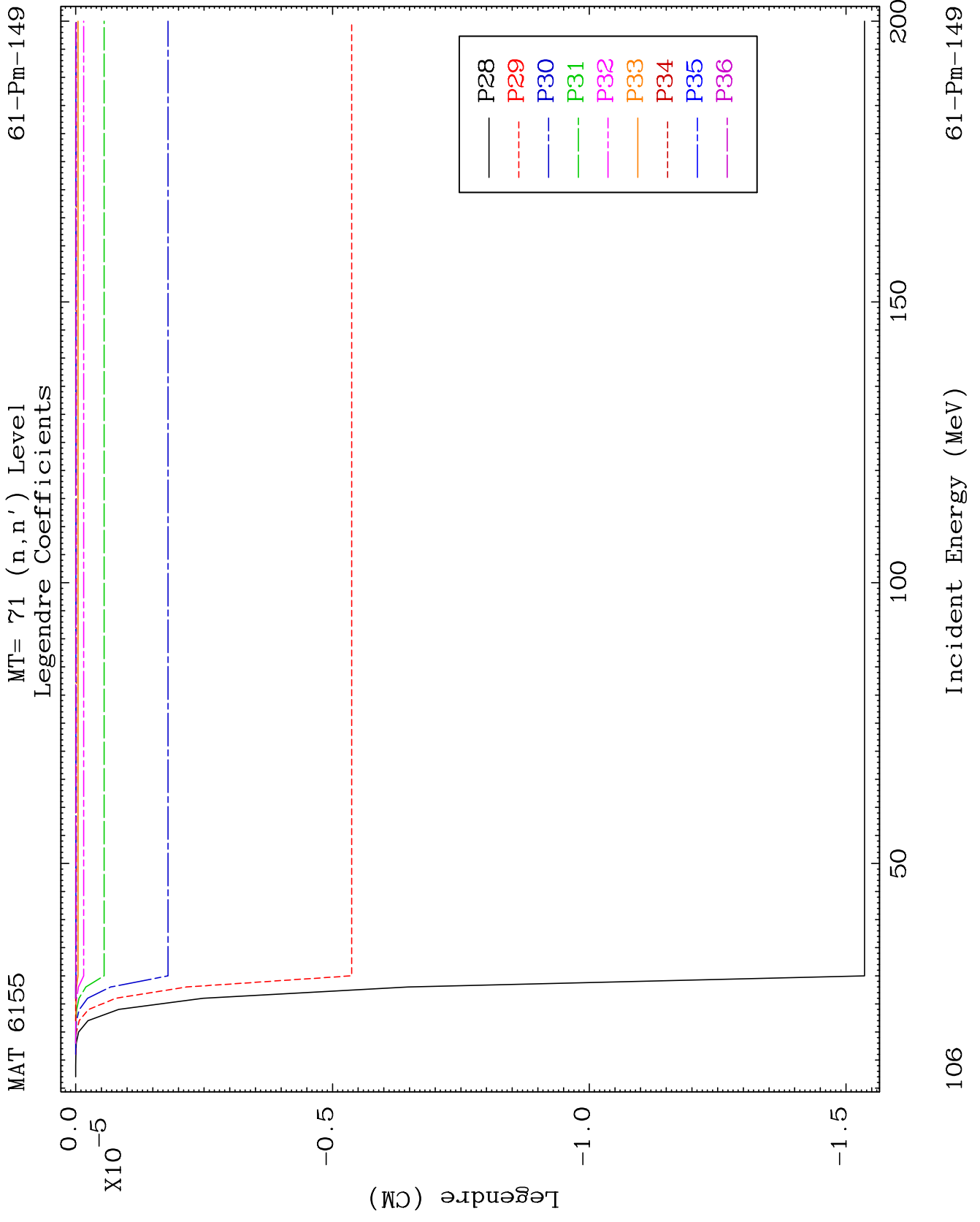
61-Pm-149



105

Incident Energy (MeV)

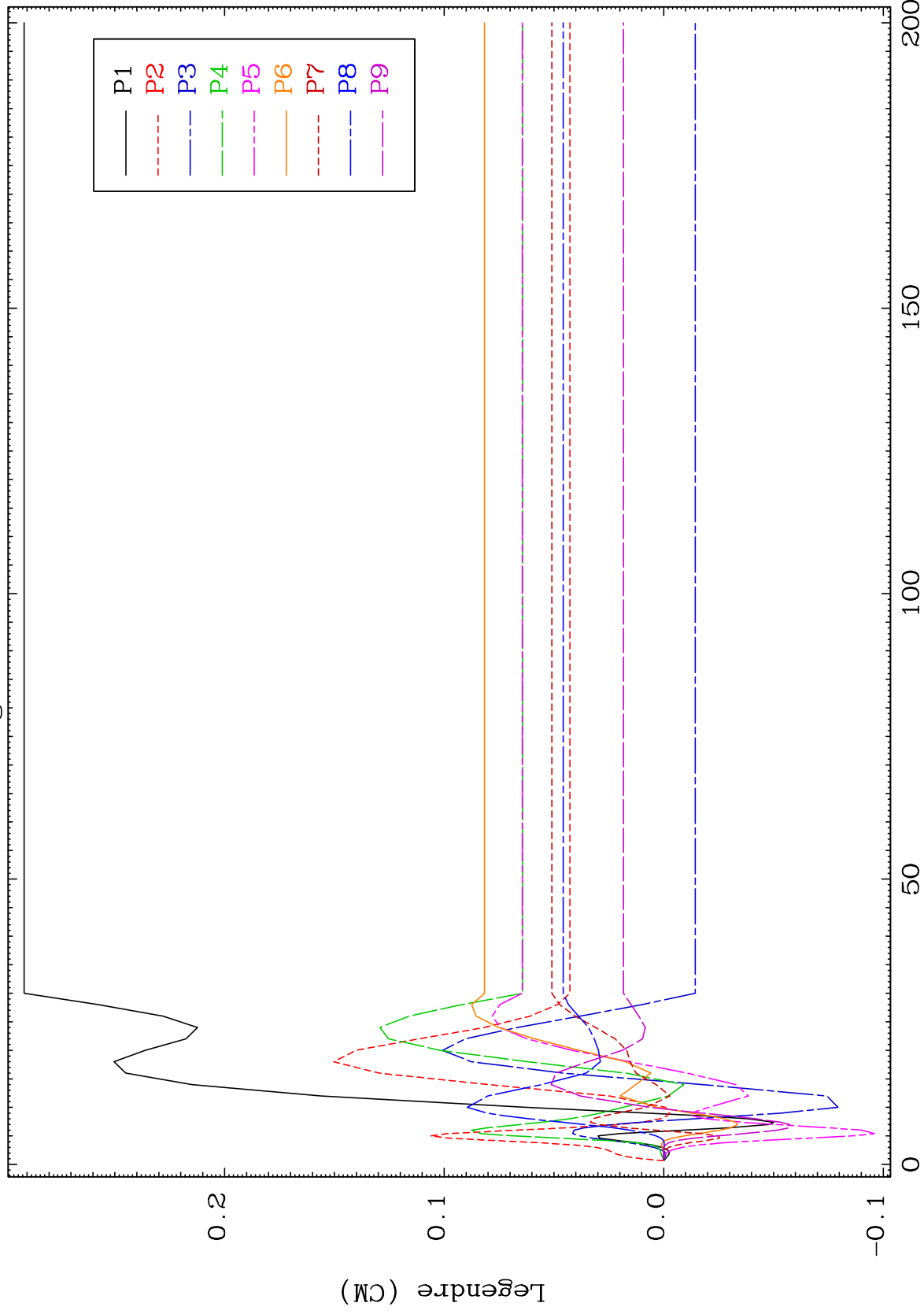
61-Pm-149



MAT 6155

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

61-Pm-149



107

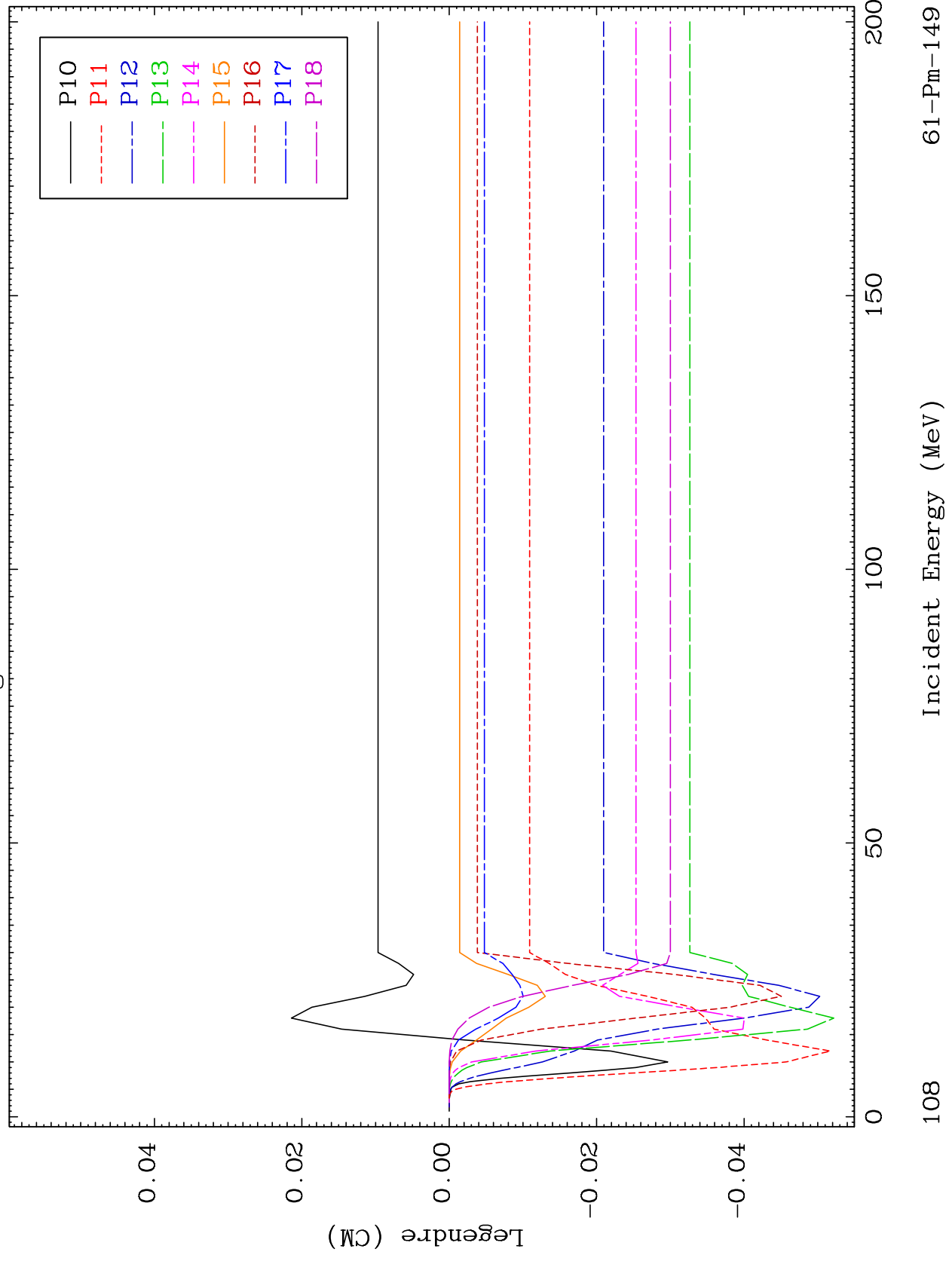
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



61-Pm-149

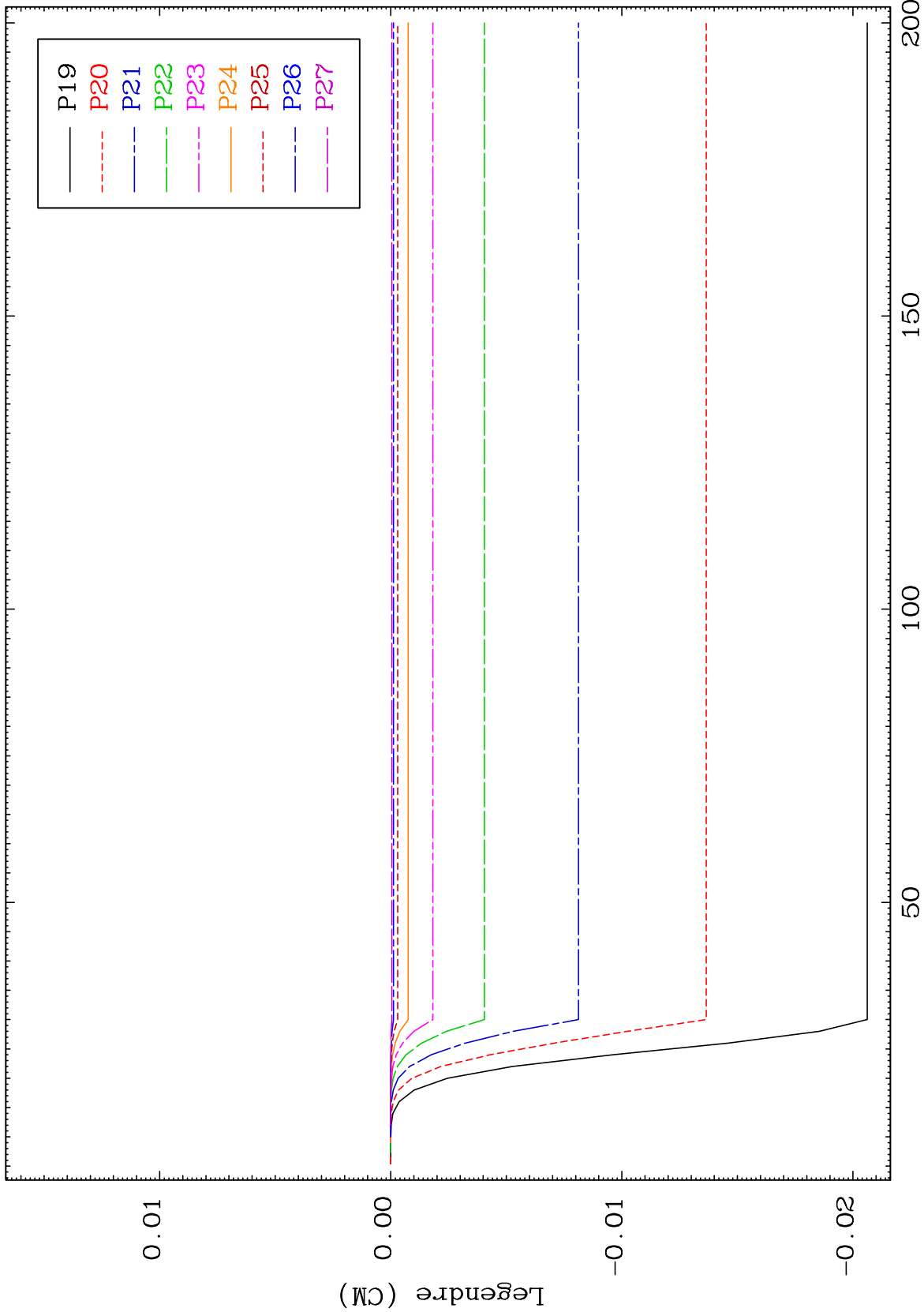
Incident Energy (MeV)

108

MAT 6155

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

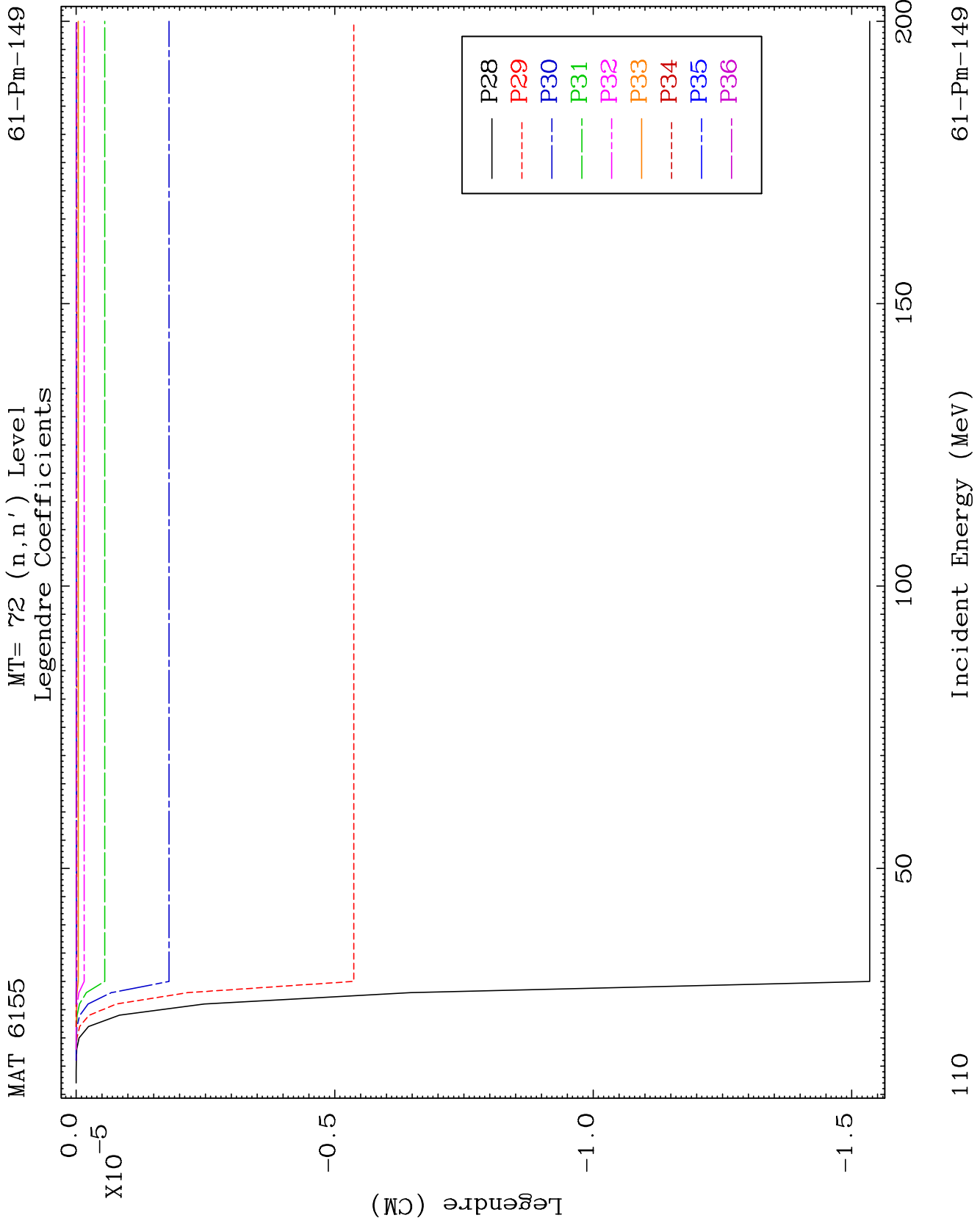
61-Pm-149



109

Incident Energy (MeV)

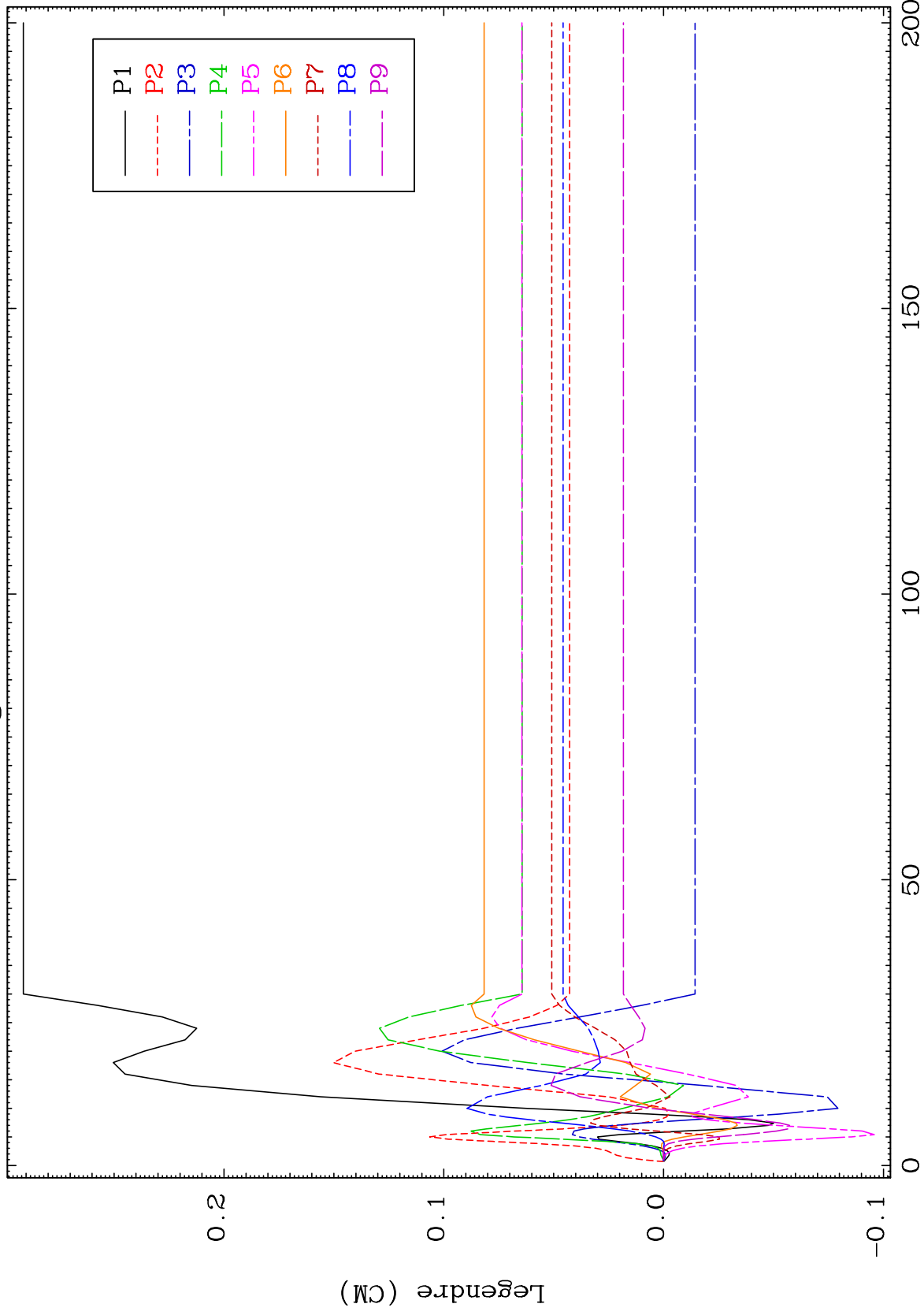
61-Pm-149



MAT 6155

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

61-Pm-149



111

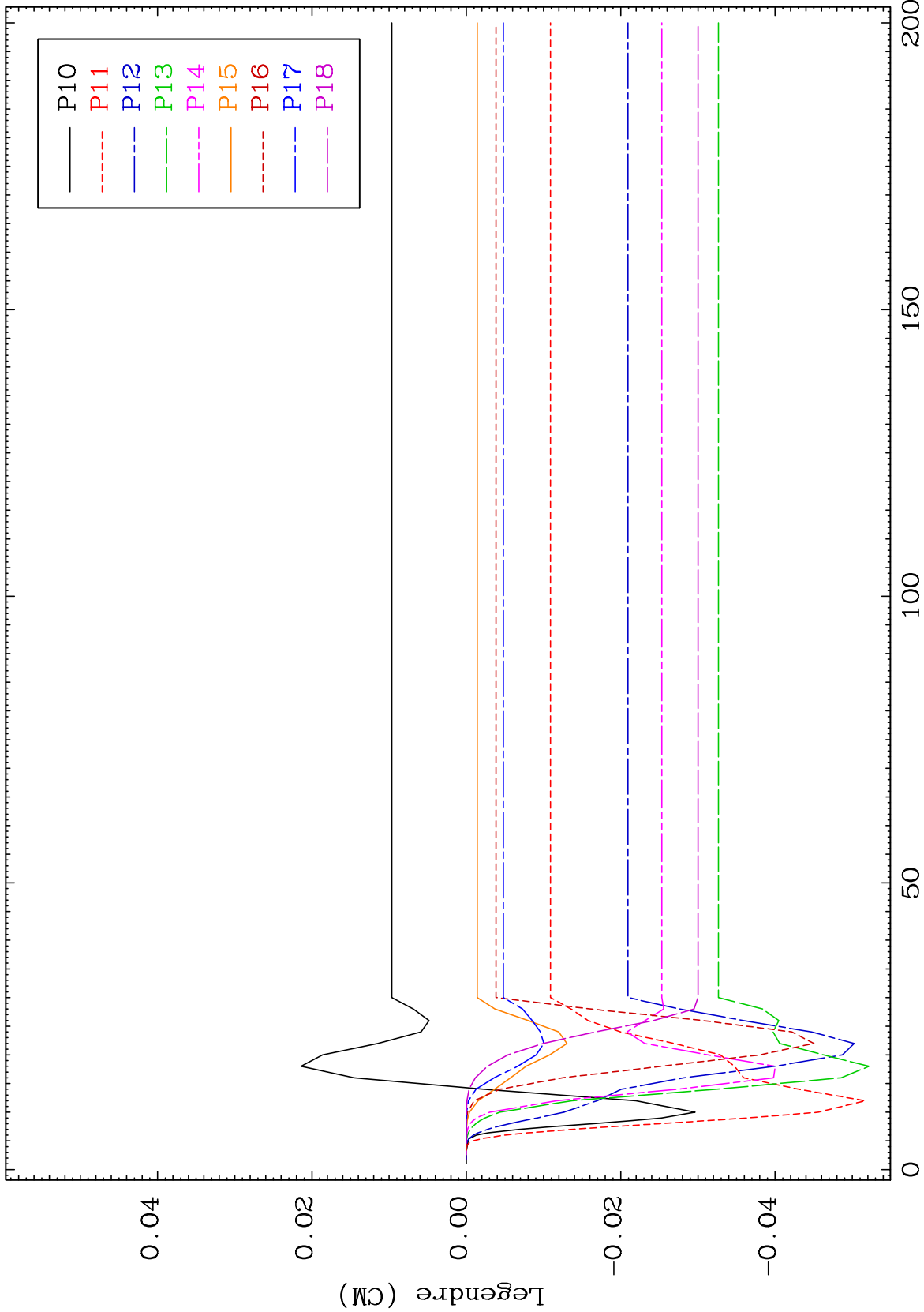
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



112

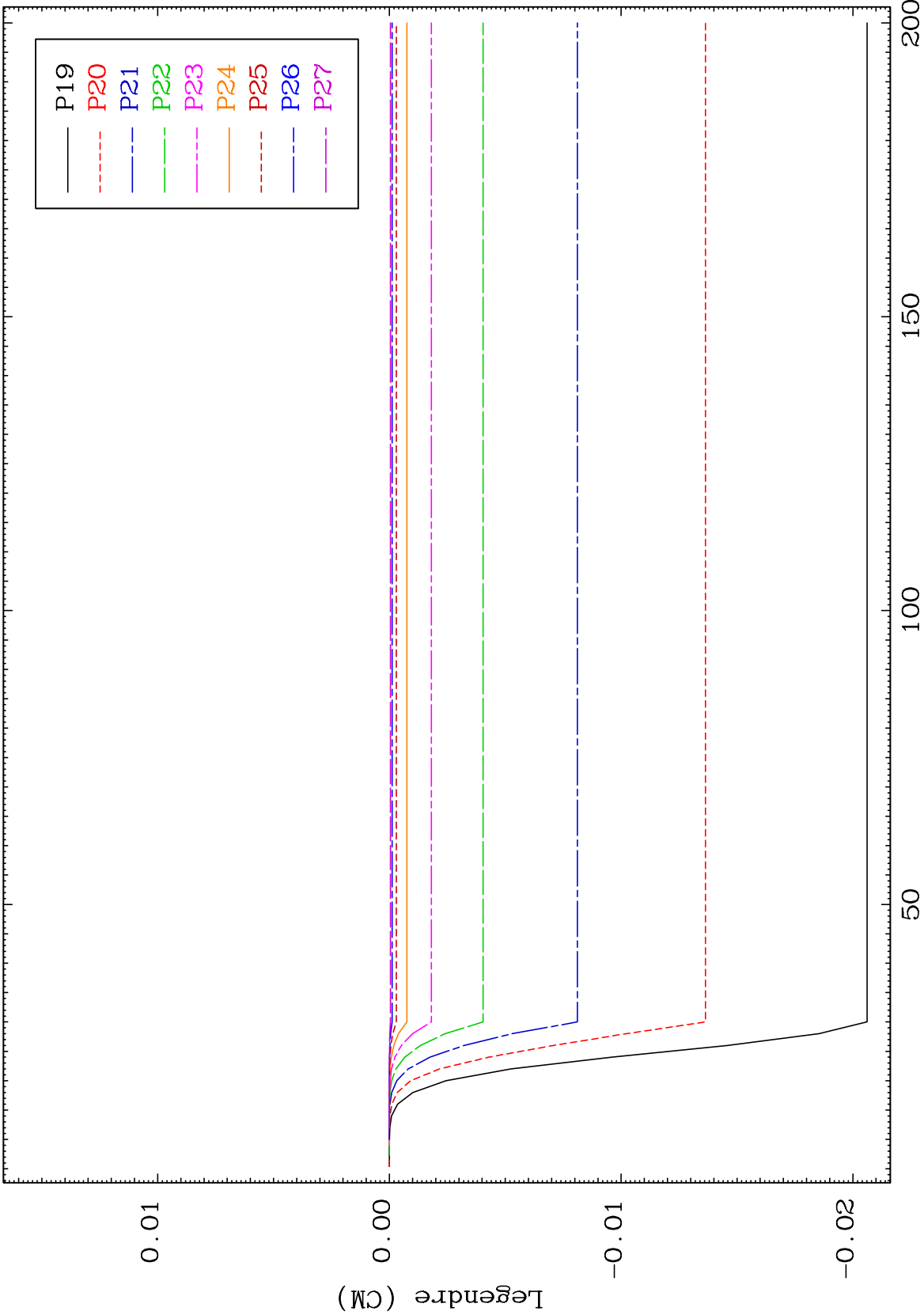
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

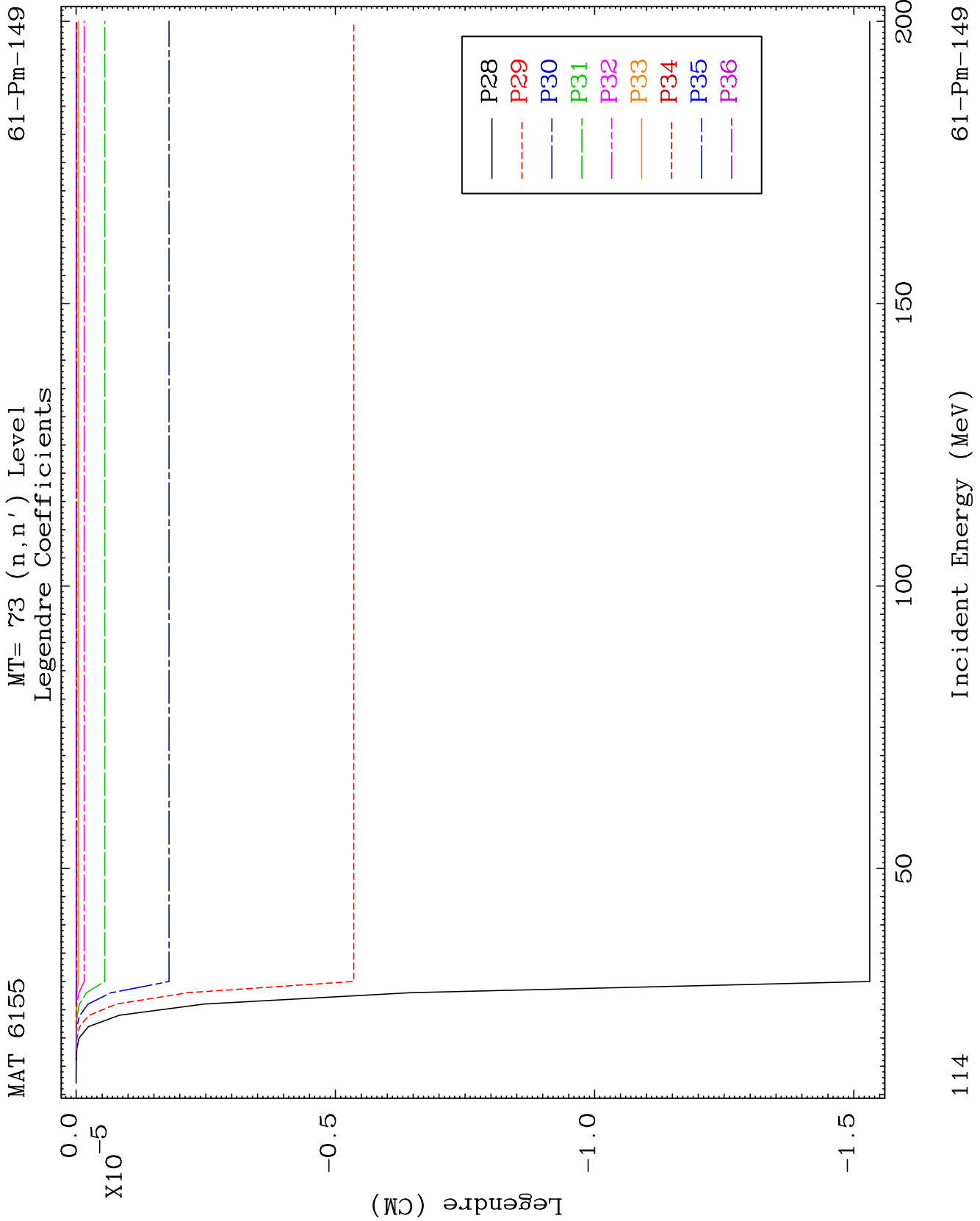
61-Pm-149



113

Incident Energy (MeV)

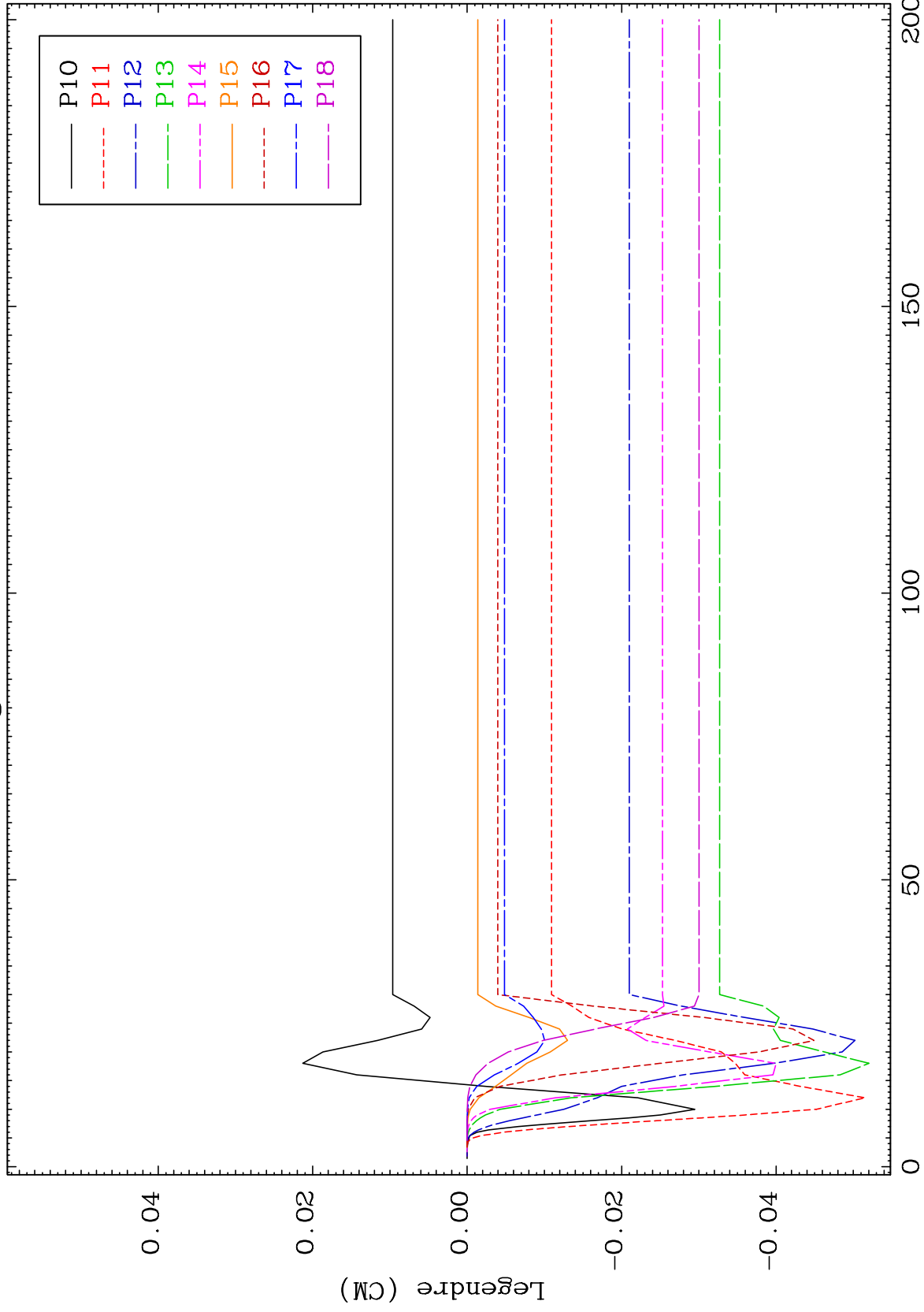
61-Pm-149



MAT 6155

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

61-Pm-149



61-Pm-149

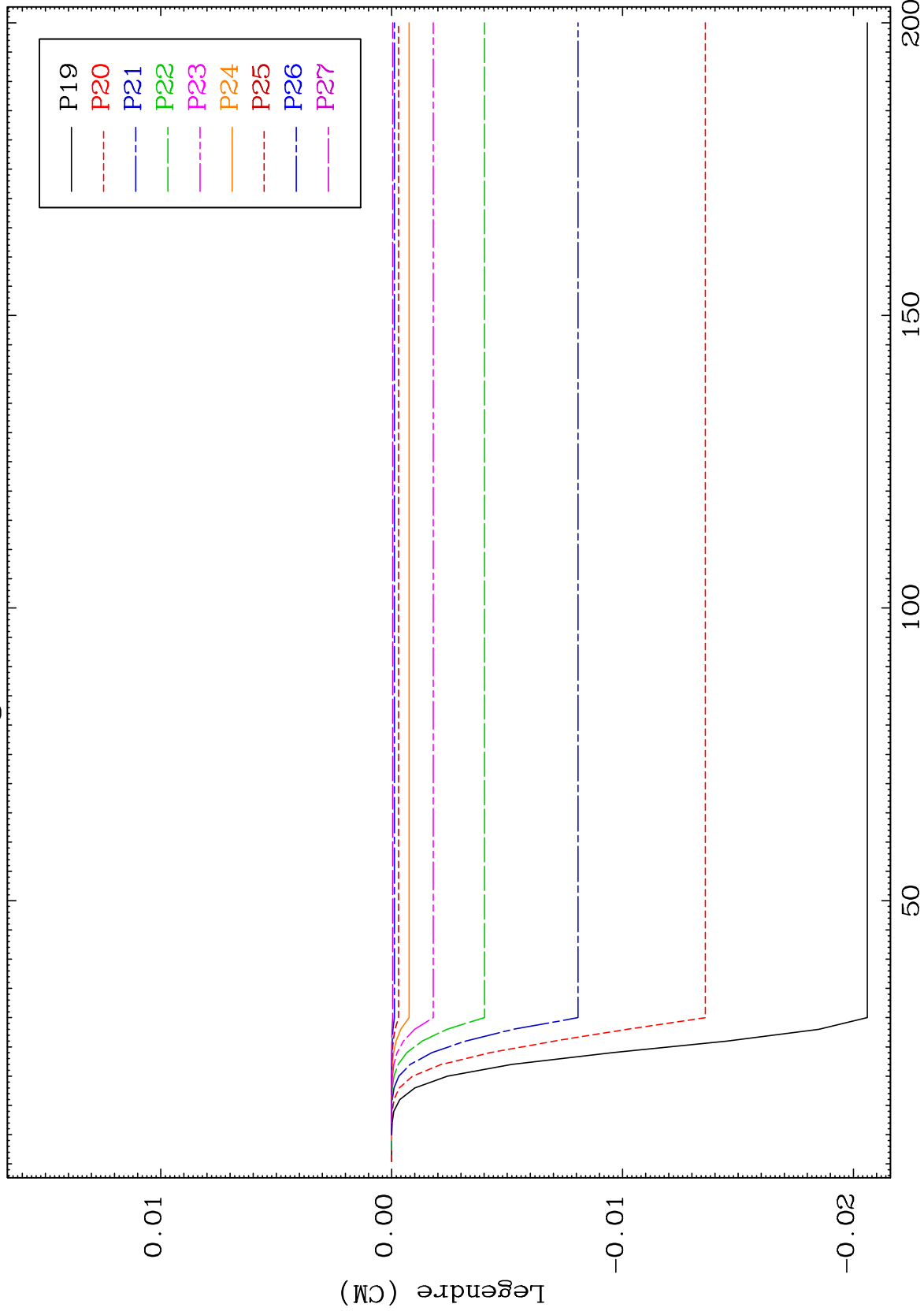
Incident Energy (MeV)

116

MAT 6155

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

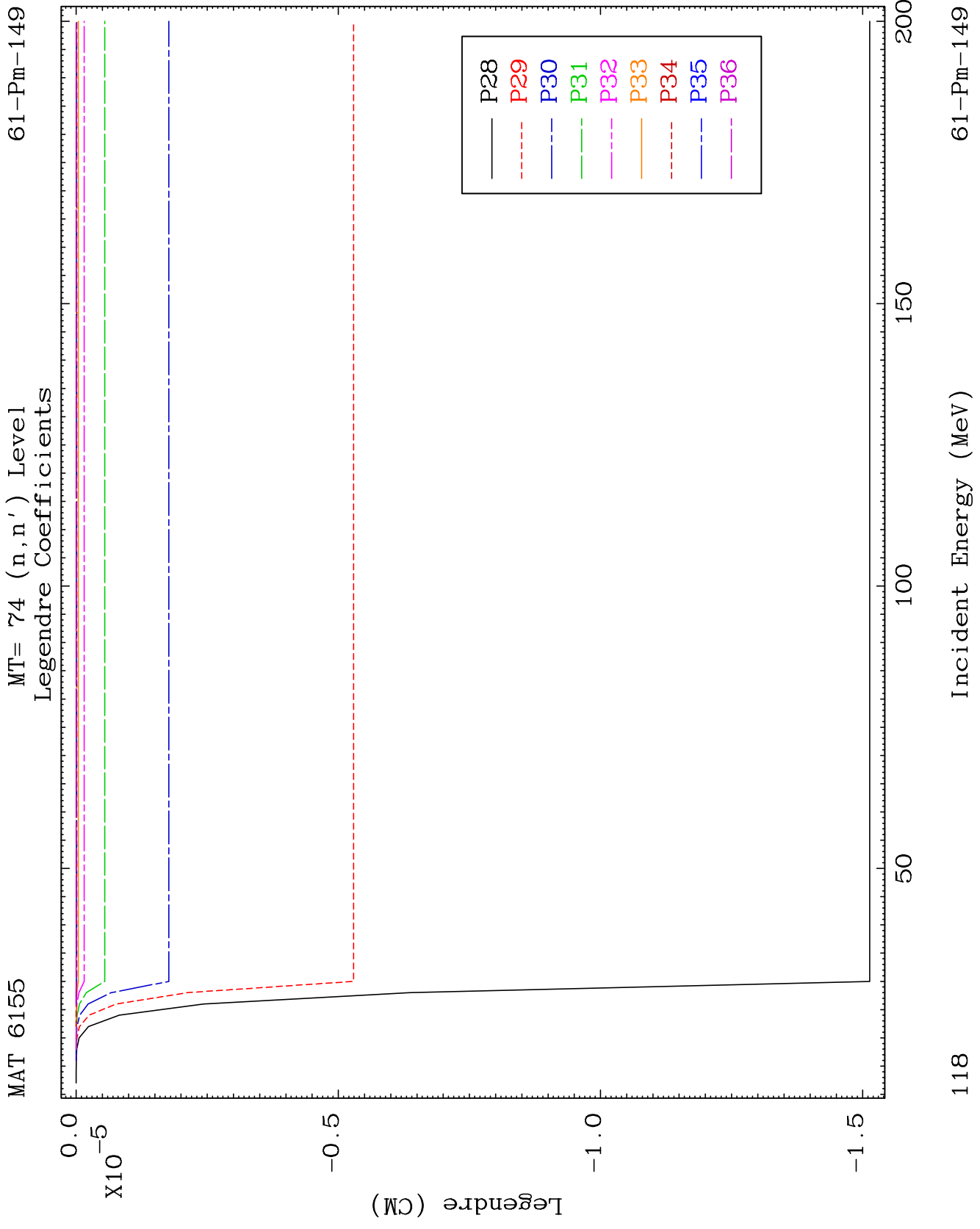
61-Pm-149



117

Incident Energy (MeV)

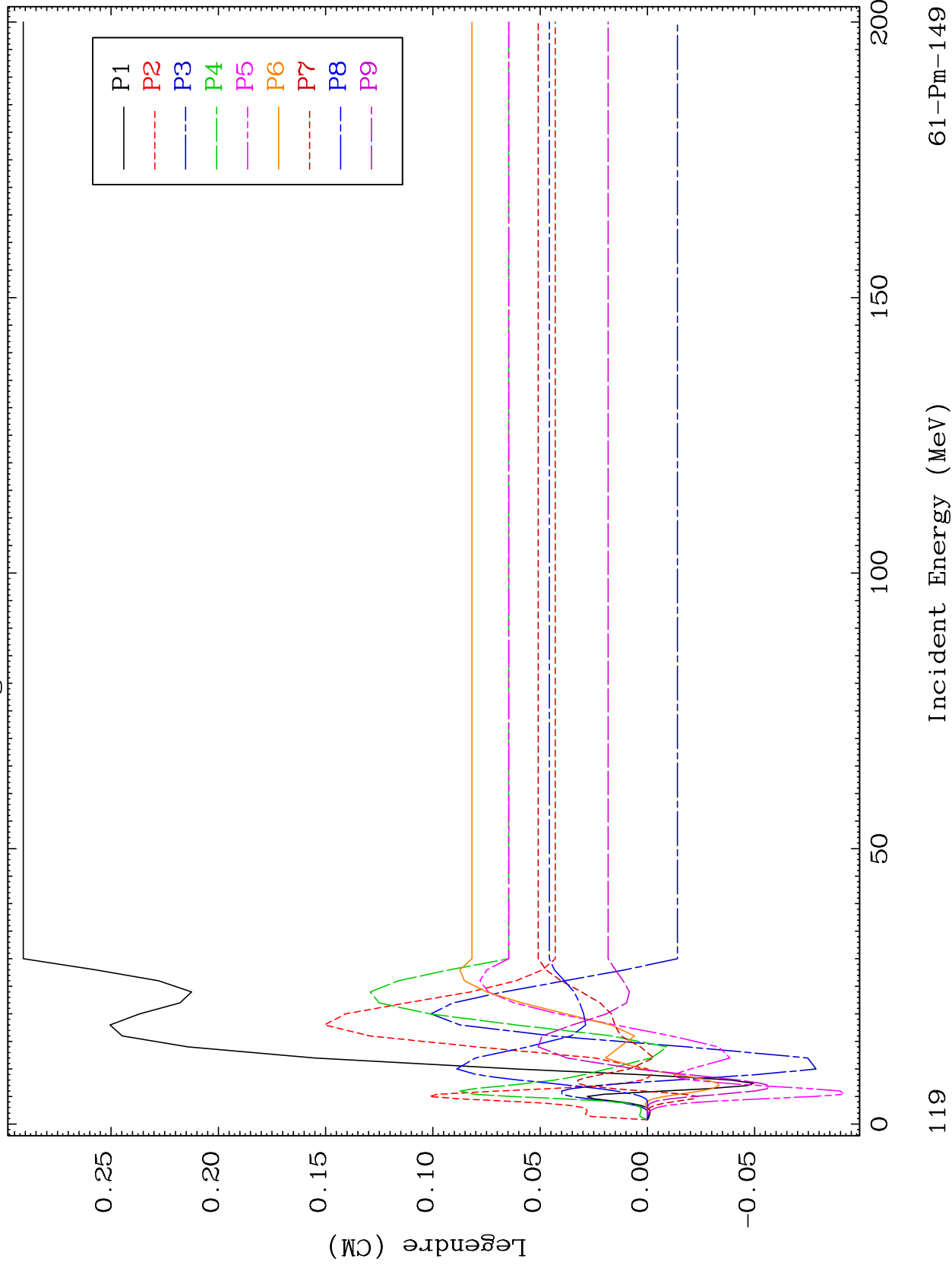
61-Pm-149



MAT 6155

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

61-Pm-149



61-Pm-149

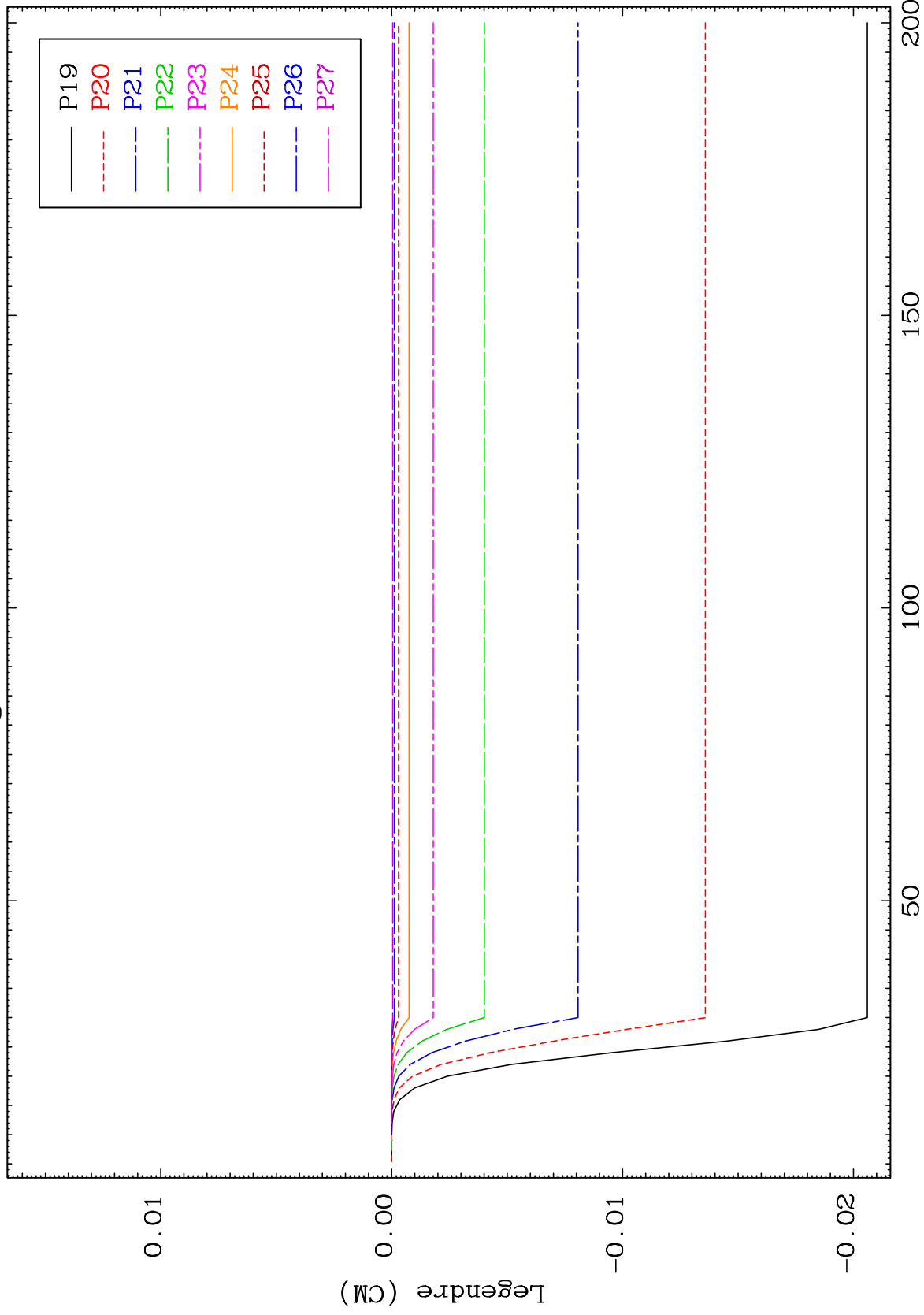
Incident Energy (MeV)

119

MAT 6155

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

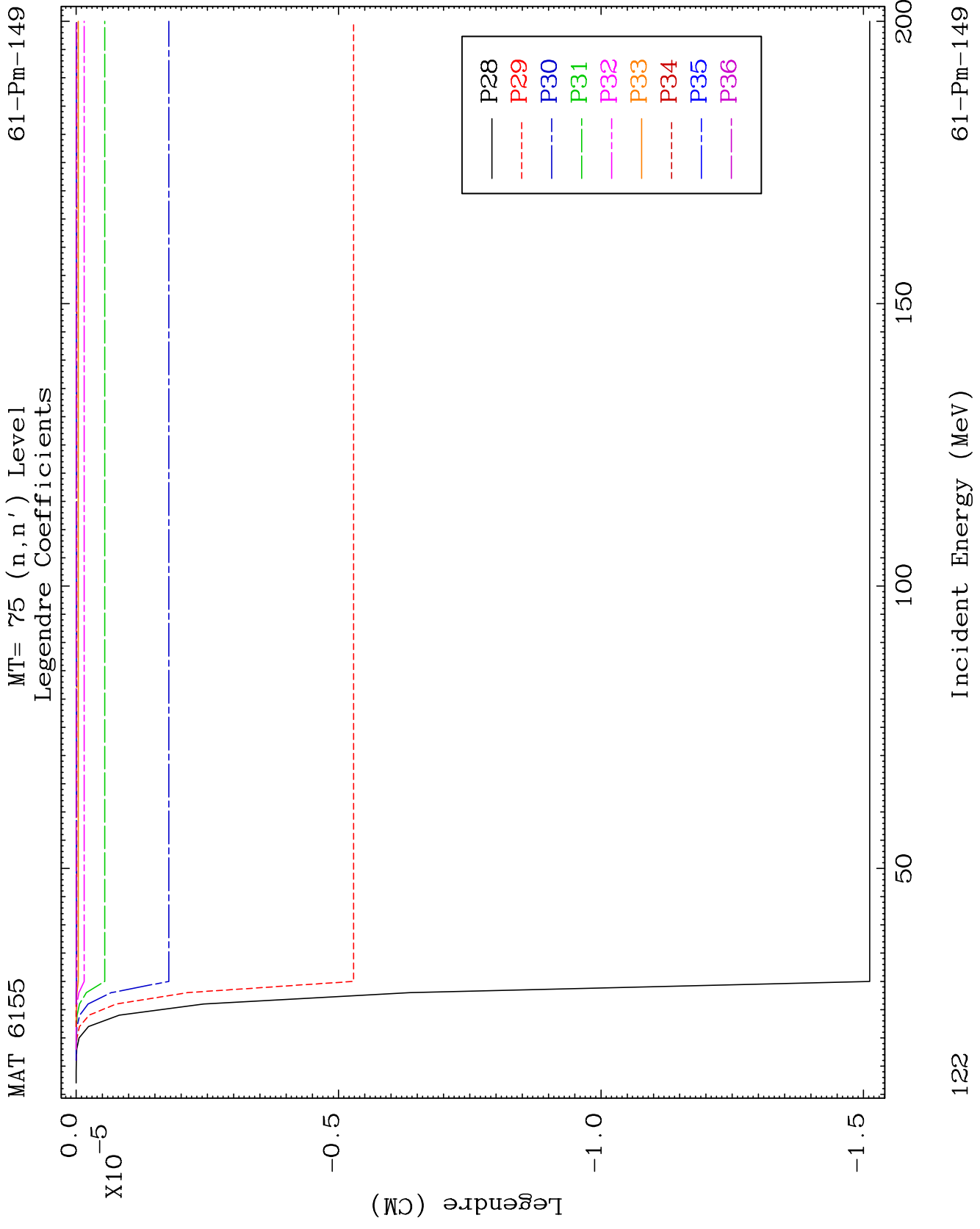
61-Pm-149



121

Incident Energy (MeV)

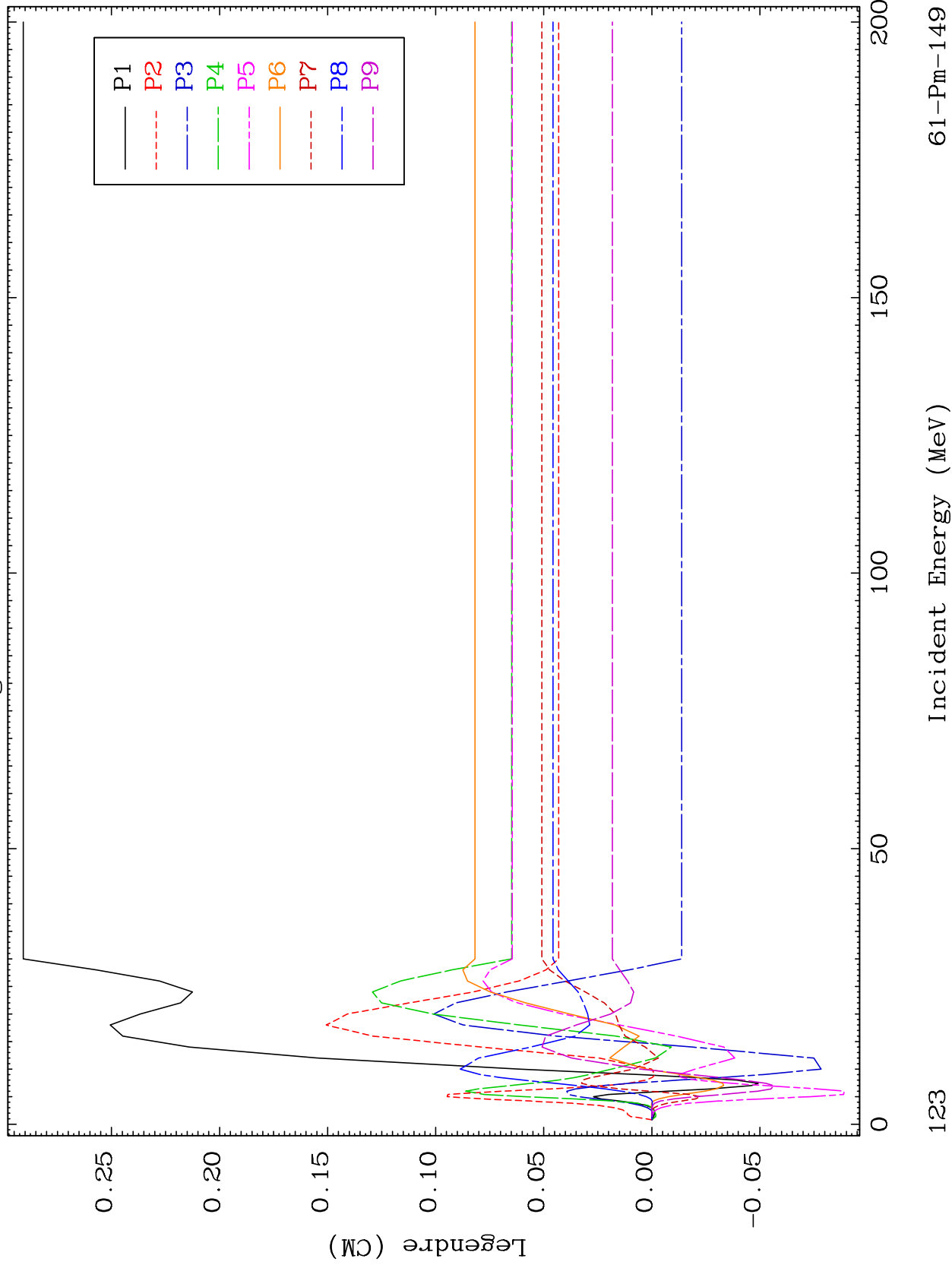
61-Pm-149



MAT 6155

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

61-Pm-149



61-Pm-149

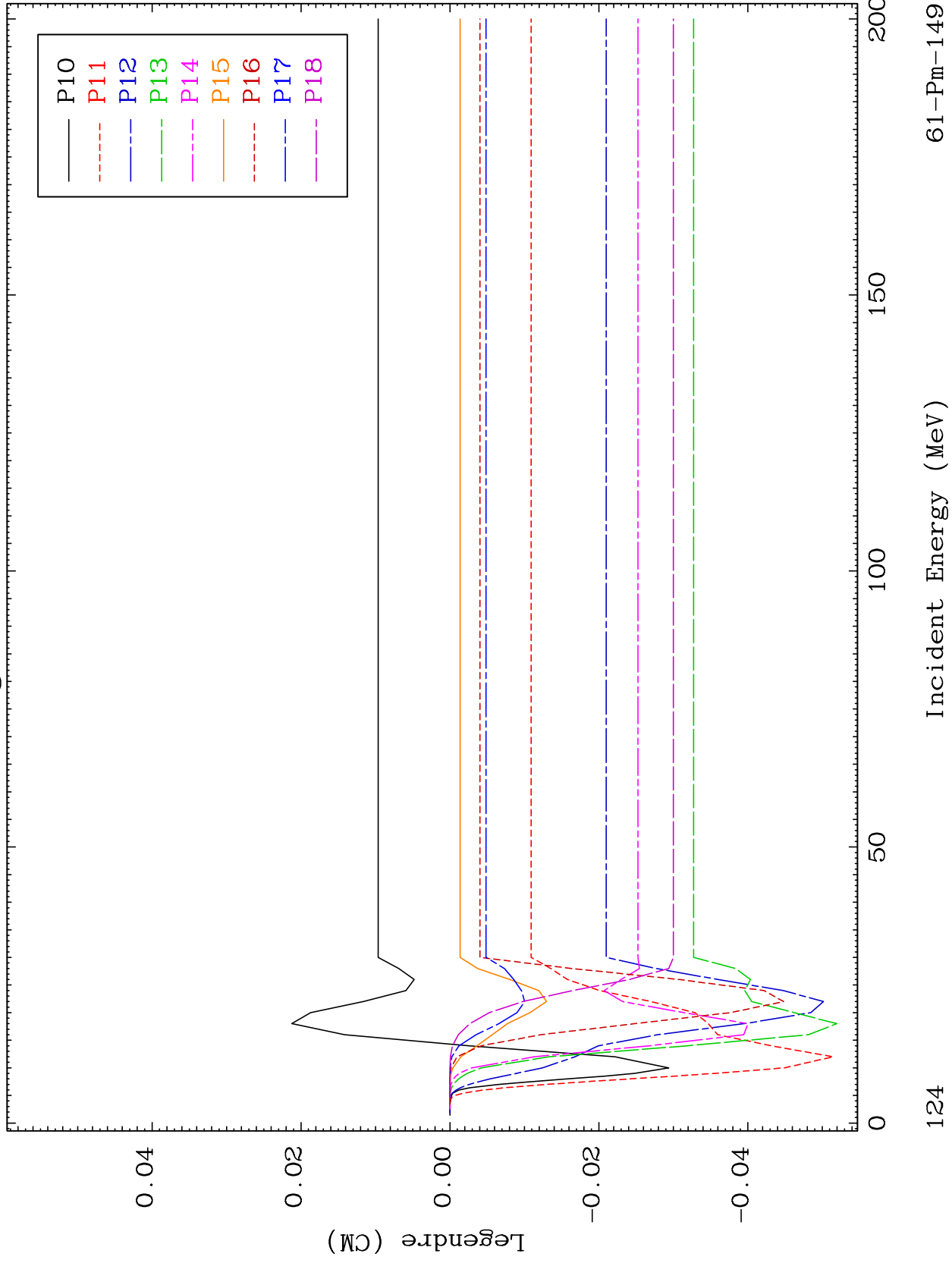
Incident Energy (MeV)

123

MAT 6155

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

61-Pm-149



61-Pm-149

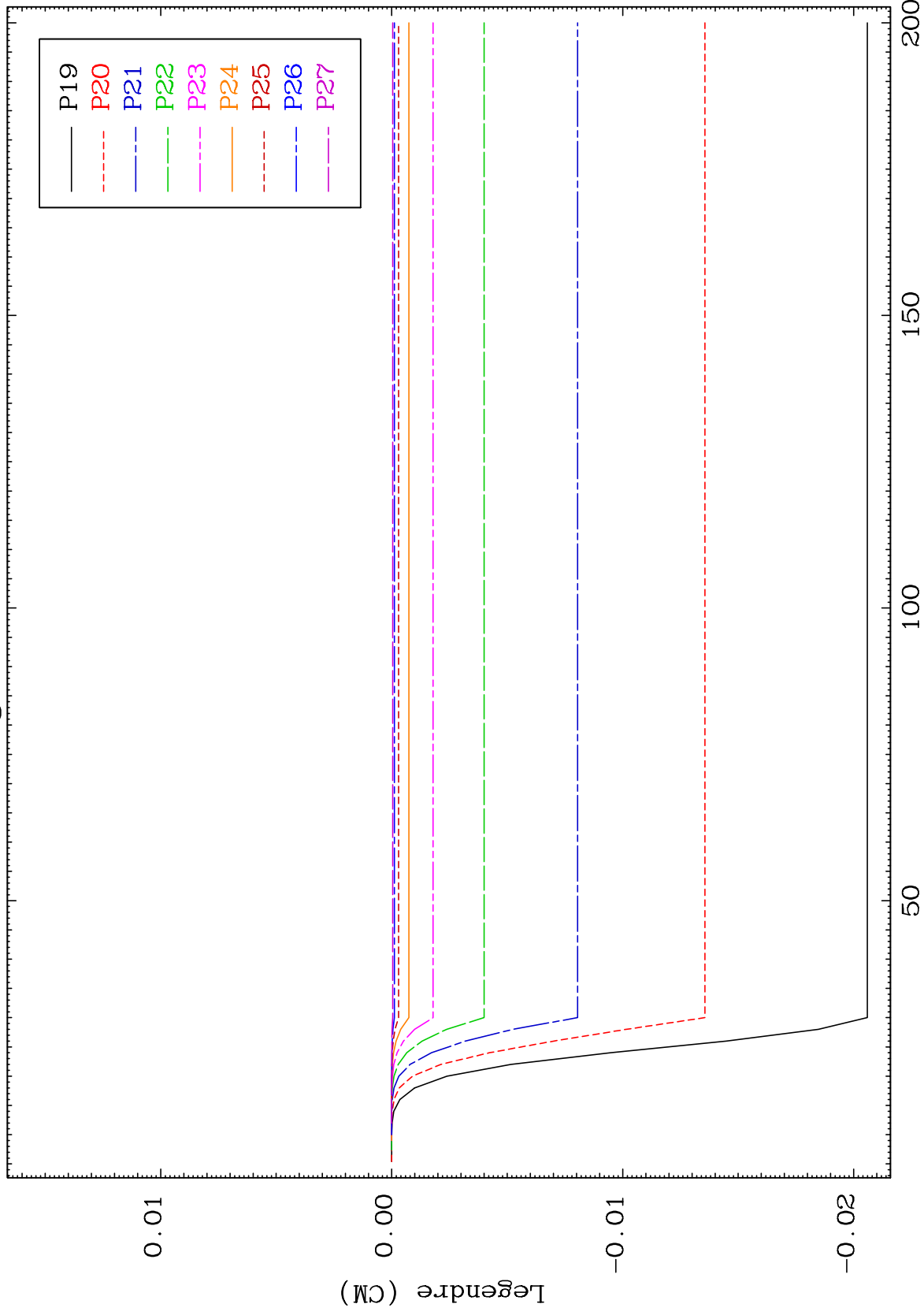
Incident Energy (MeV)

124

MAT 6155

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

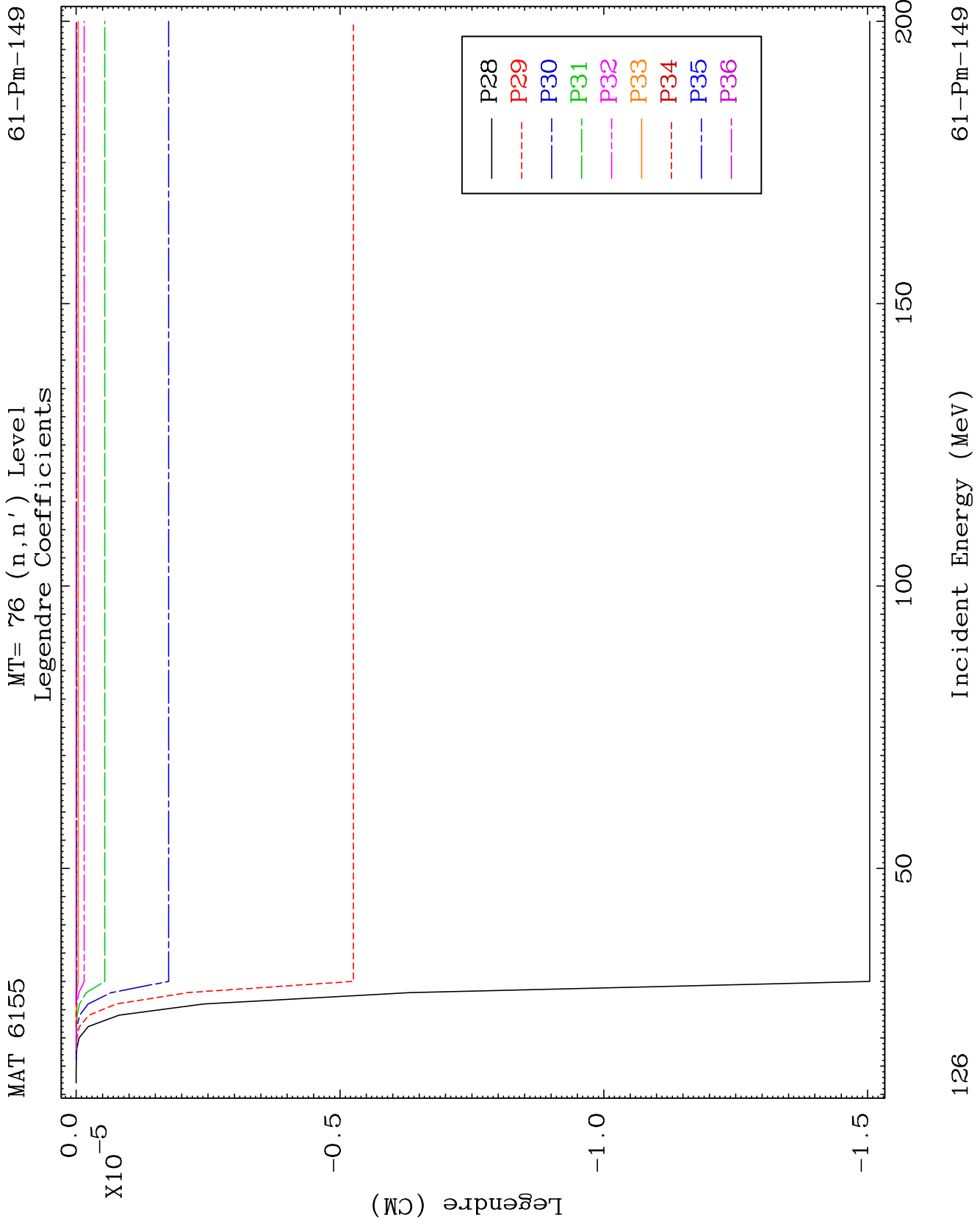
61-Pm-149



125

Incident Energy (MeV)

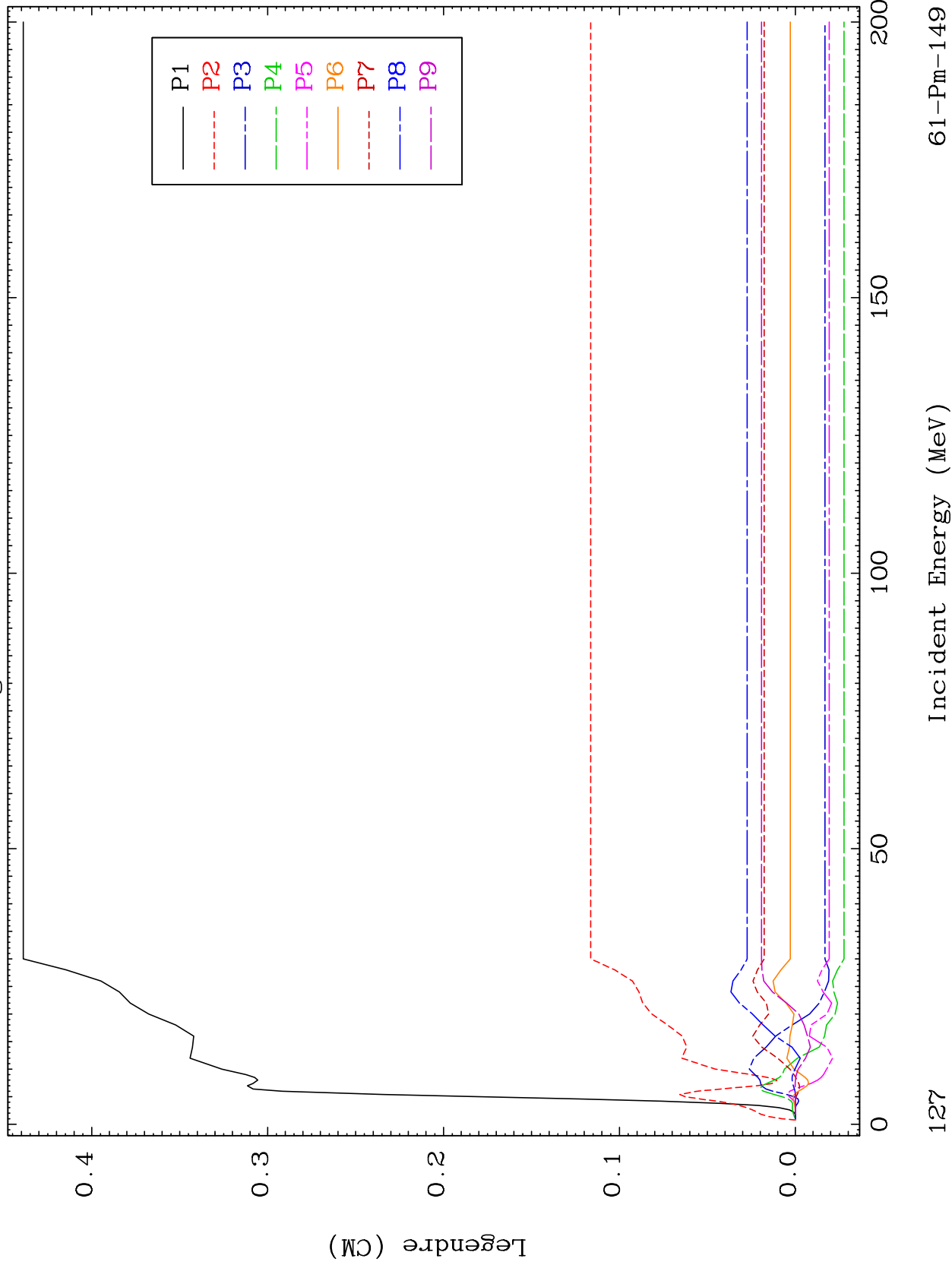
61-Pm-149



MAT 6155

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

61-Pm-149



127

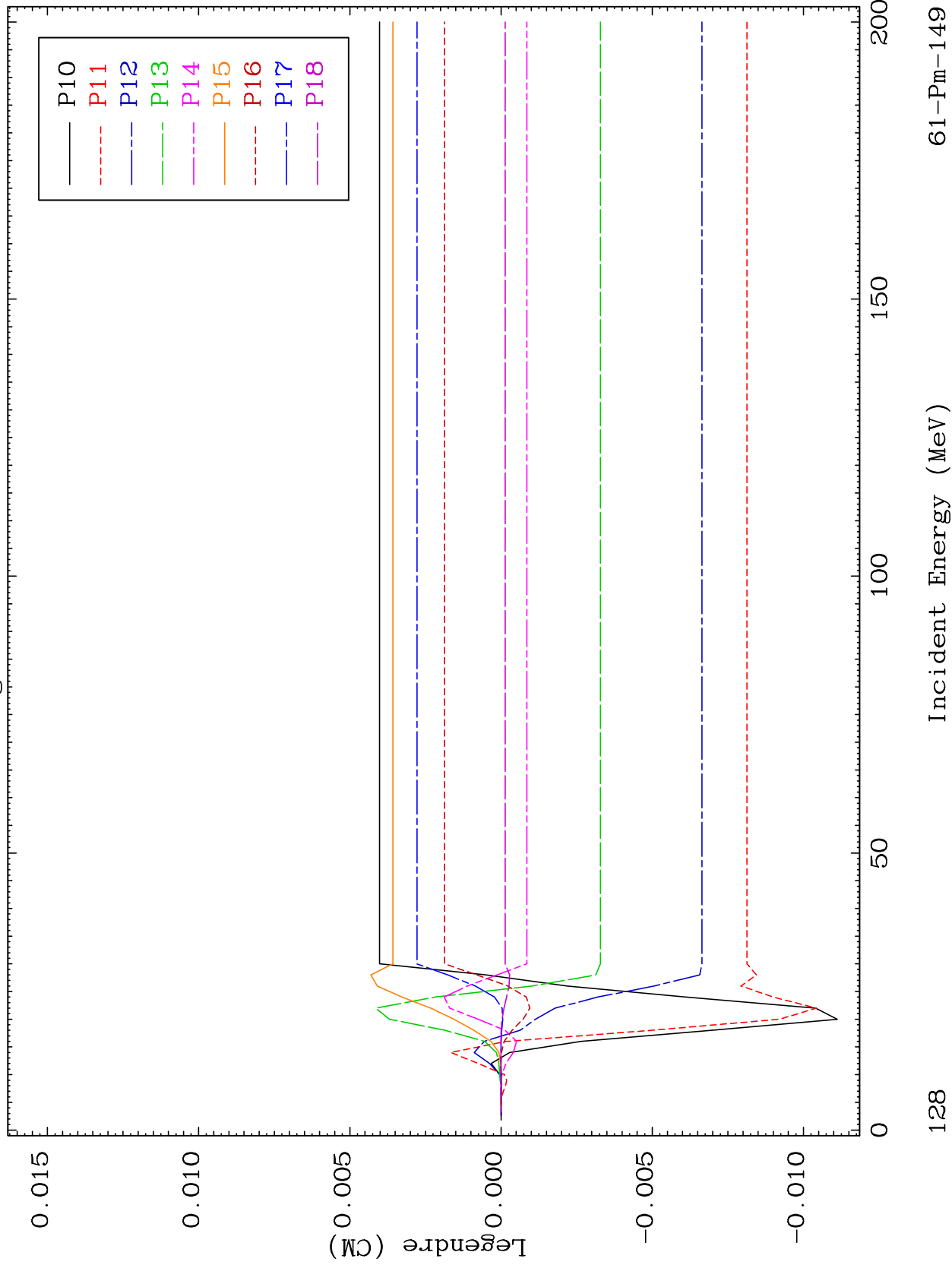
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

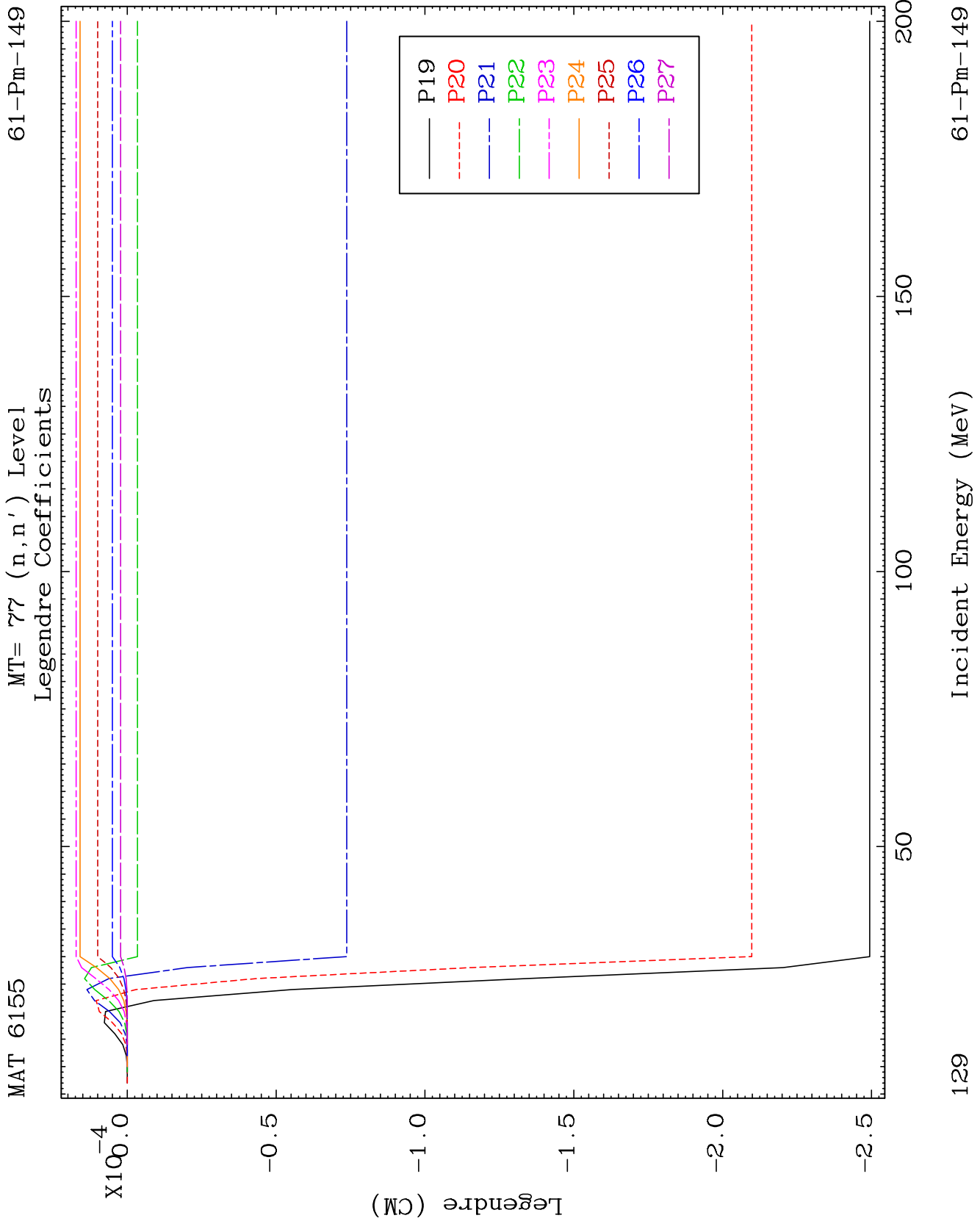
61-Pm-149



128

Incident Energy (MeV)

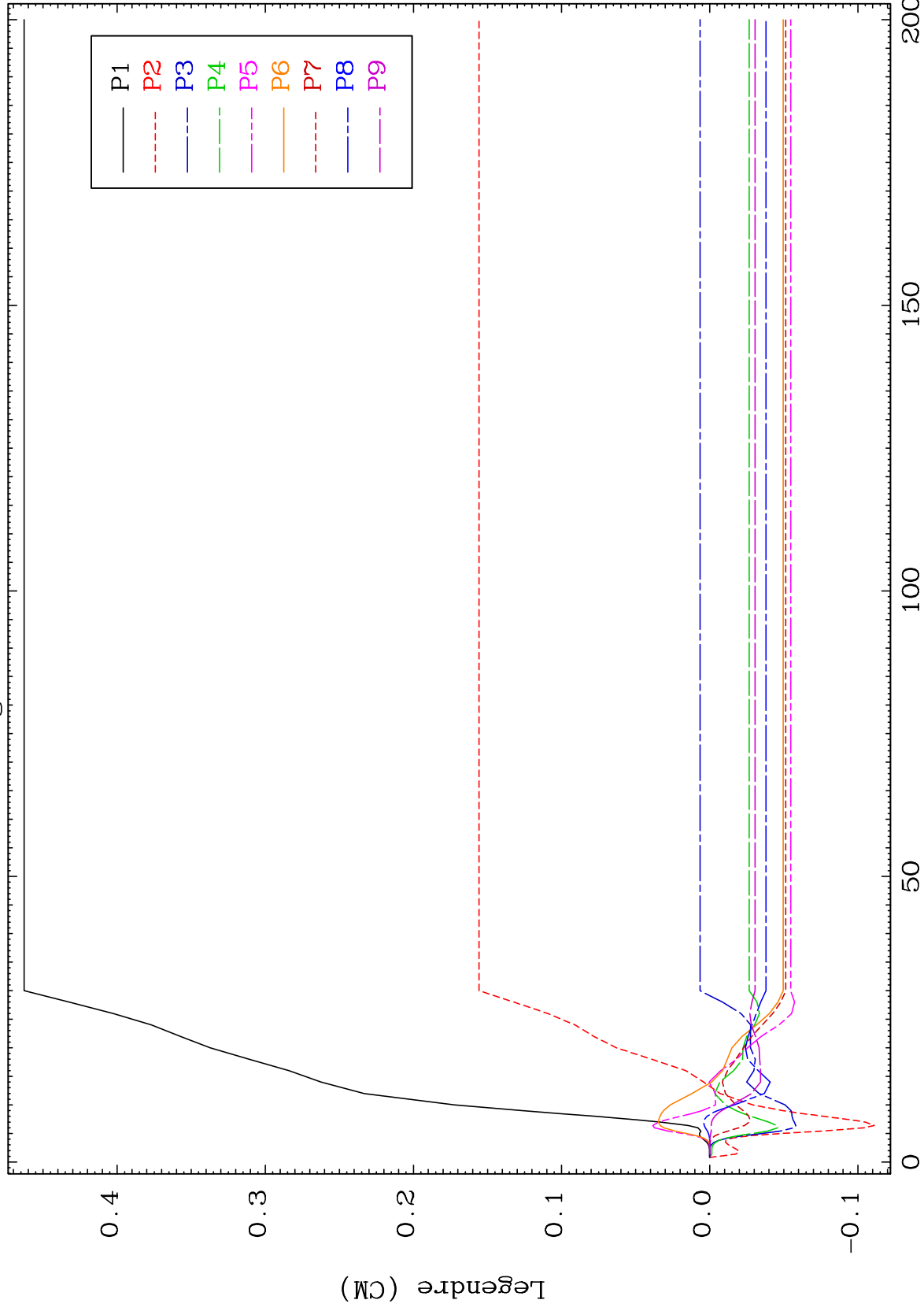
61-Pm-149



MAT 6155

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

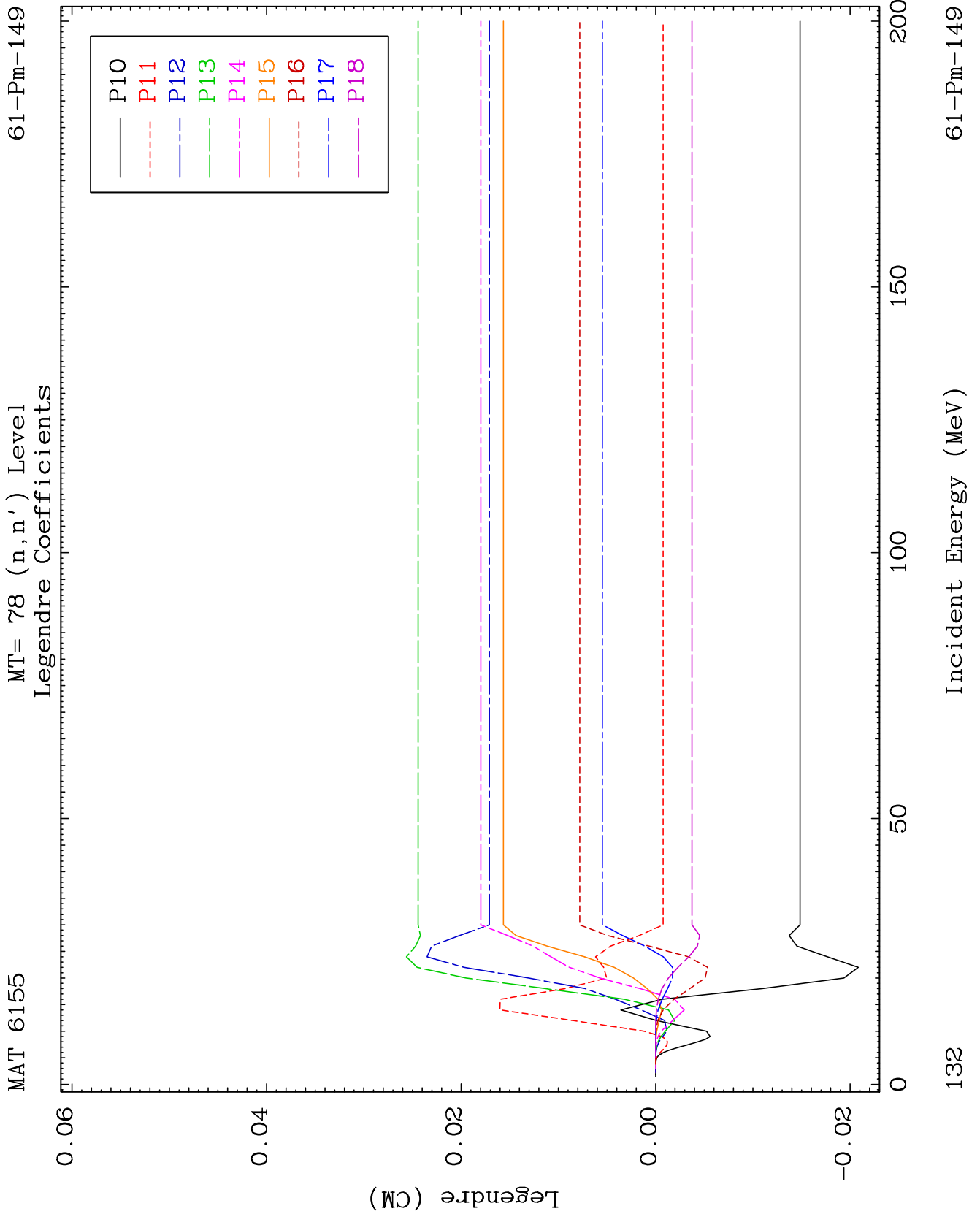
61-Pm-149



131

Incident Energy (MeV)

61-Pm-149



61-Pm-149

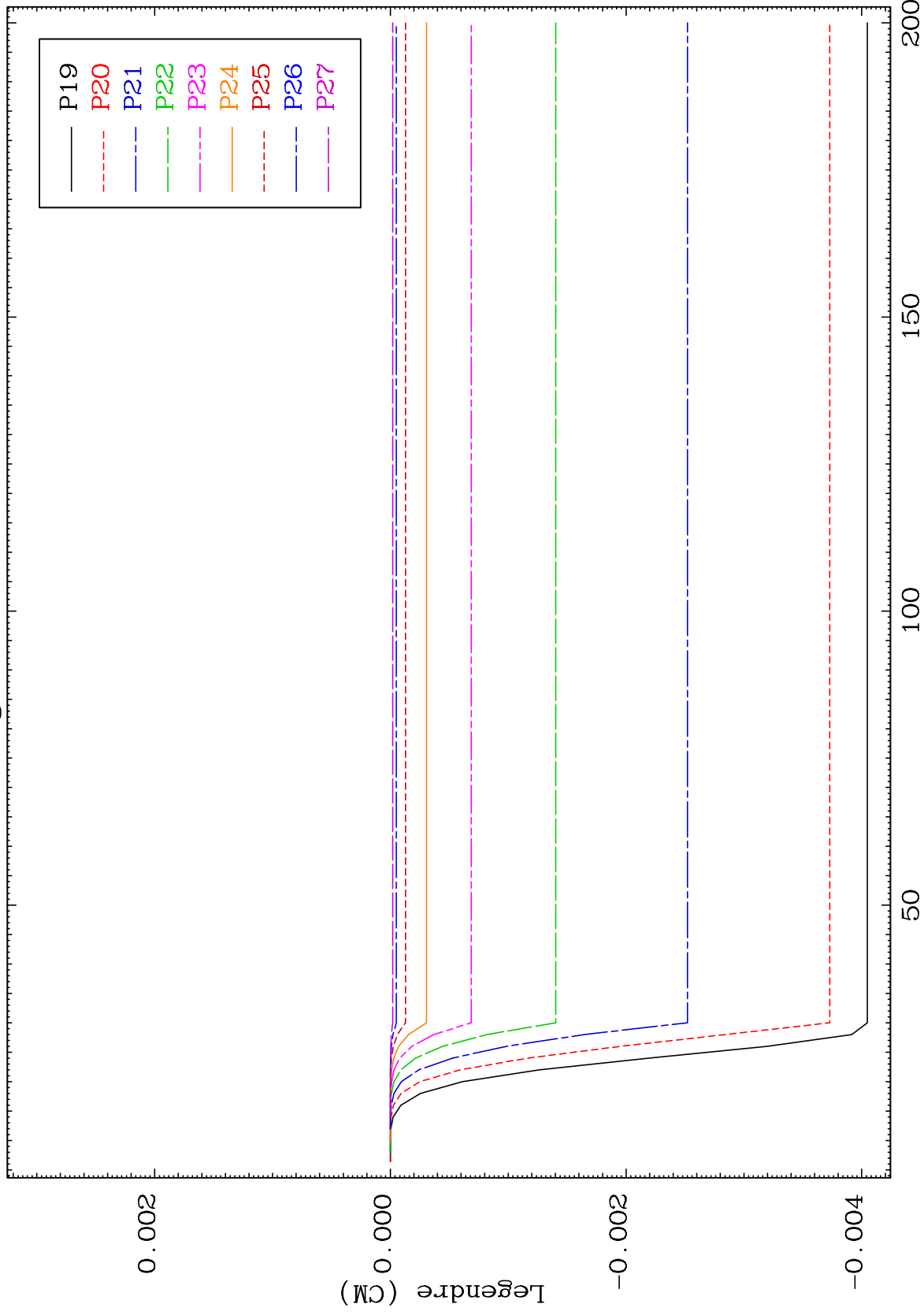
Incident Energy (MeV)

132

MAT 6155

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

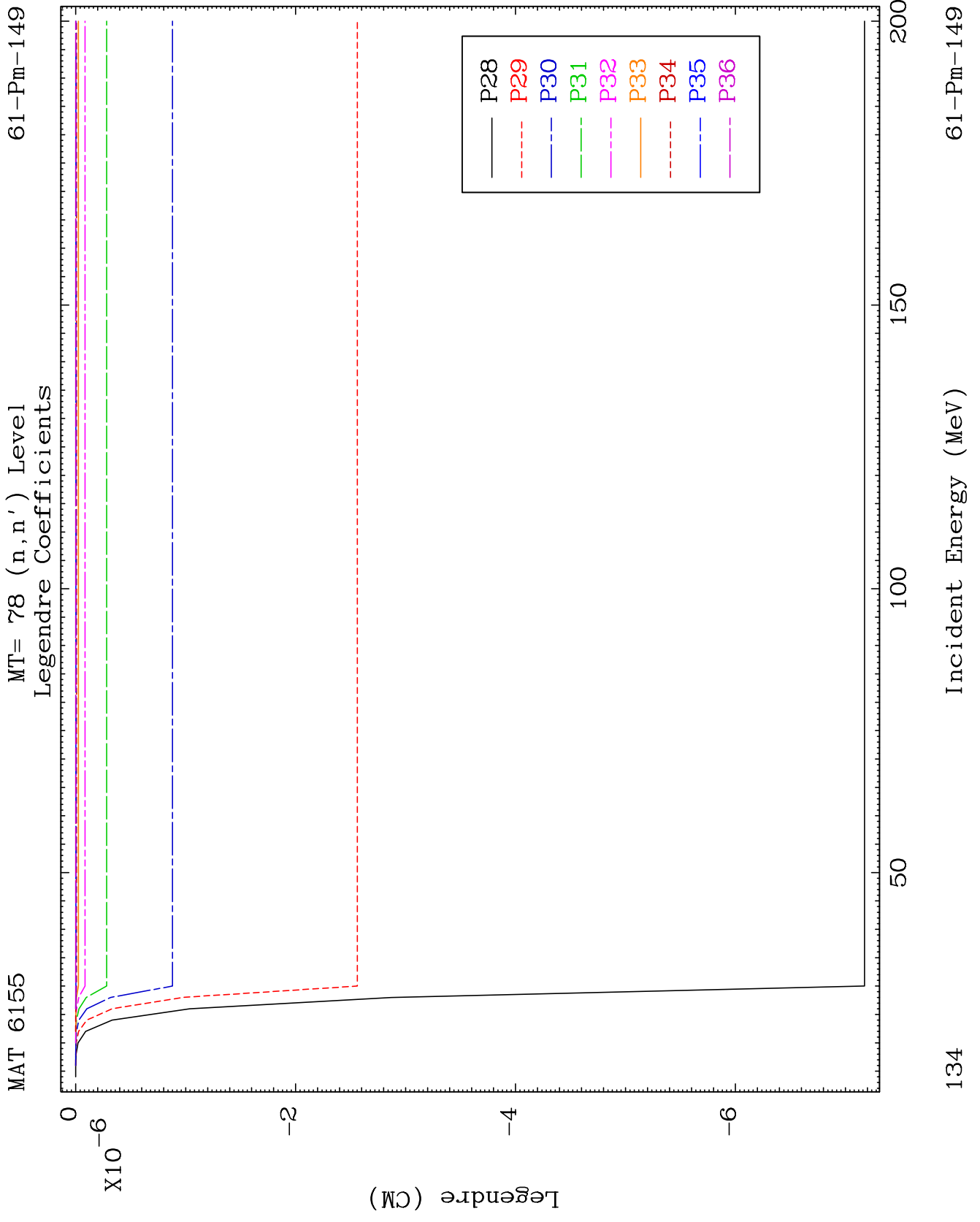
61-Pm-149



133

Incident Energy (MeV)

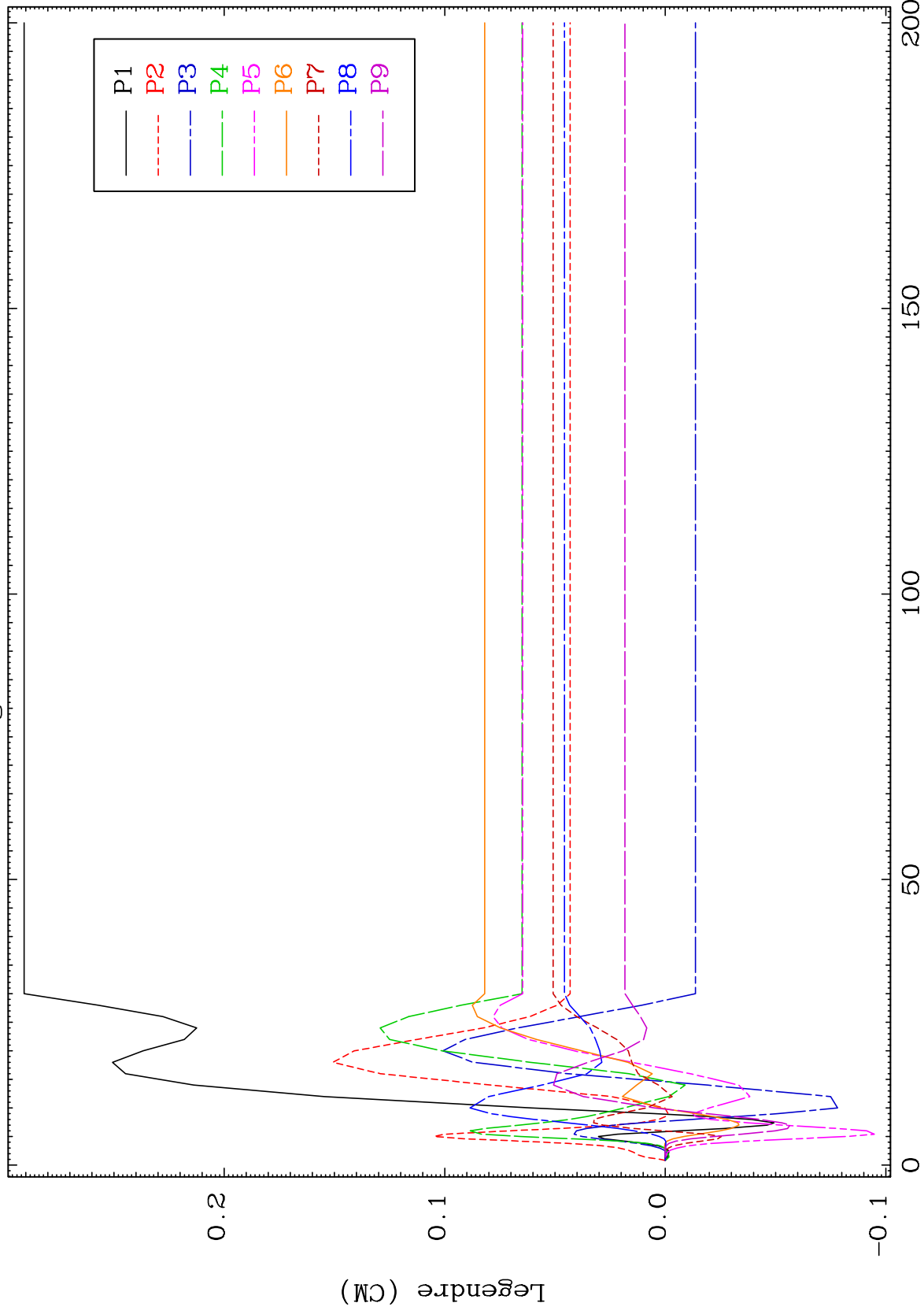
61-Pm-149



MAT 6155

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

61-Pm-149



61-Pm-149

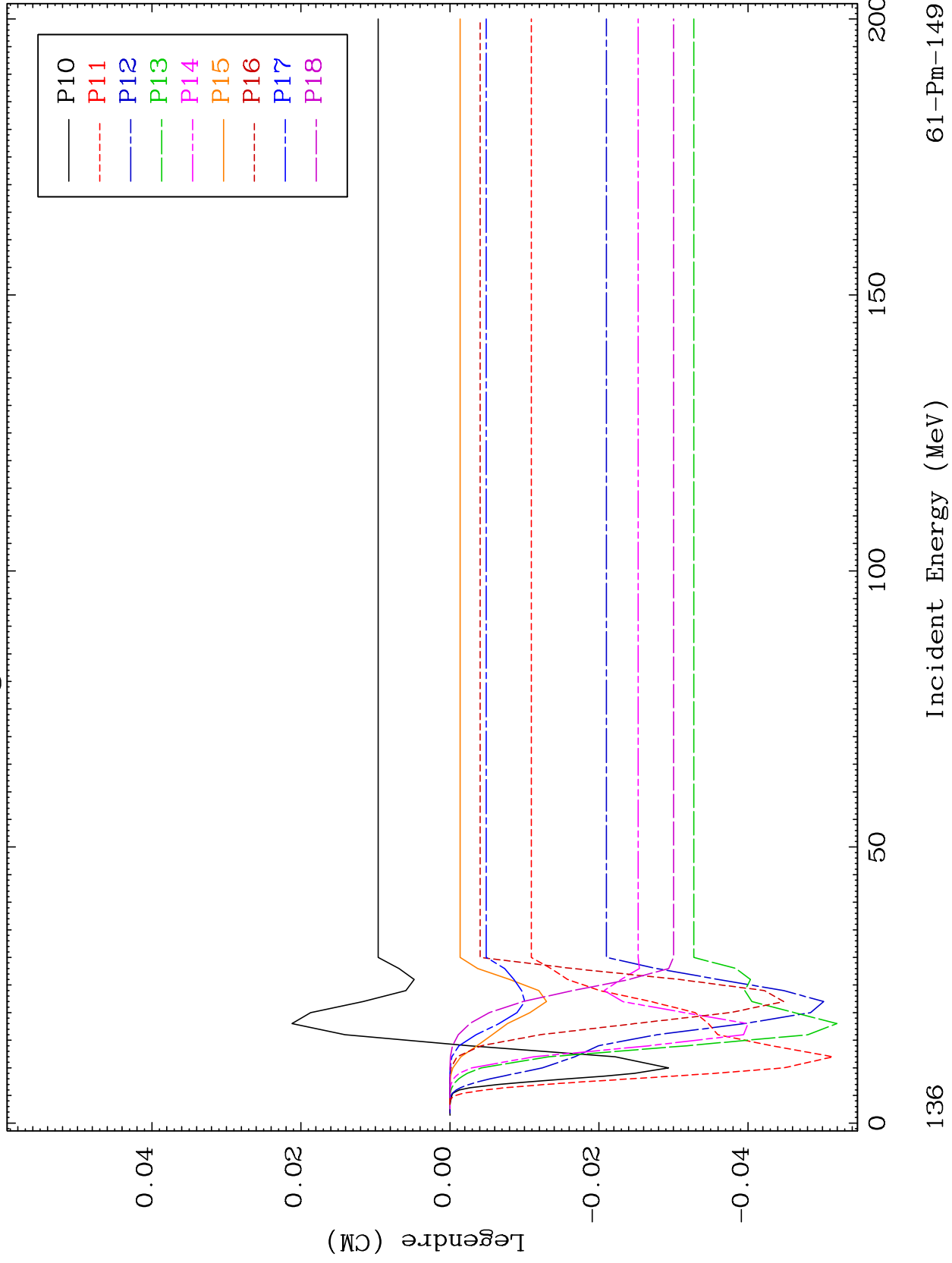
Incident Energy (MeV)

135

MAT 6155

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

61-Pm-149



61-Pm-149

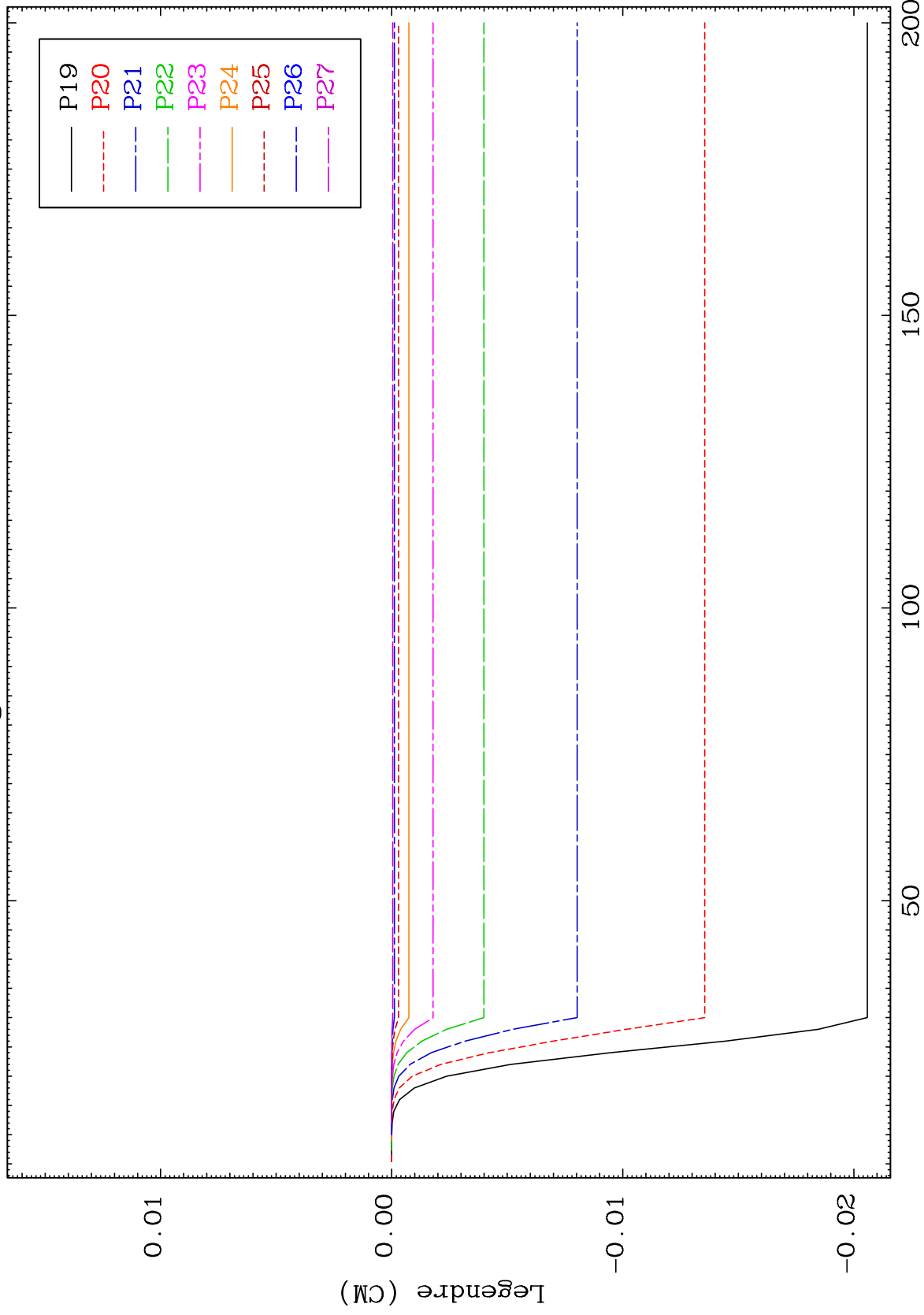
Incident Energy (MeV)

136

MAT 6155

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

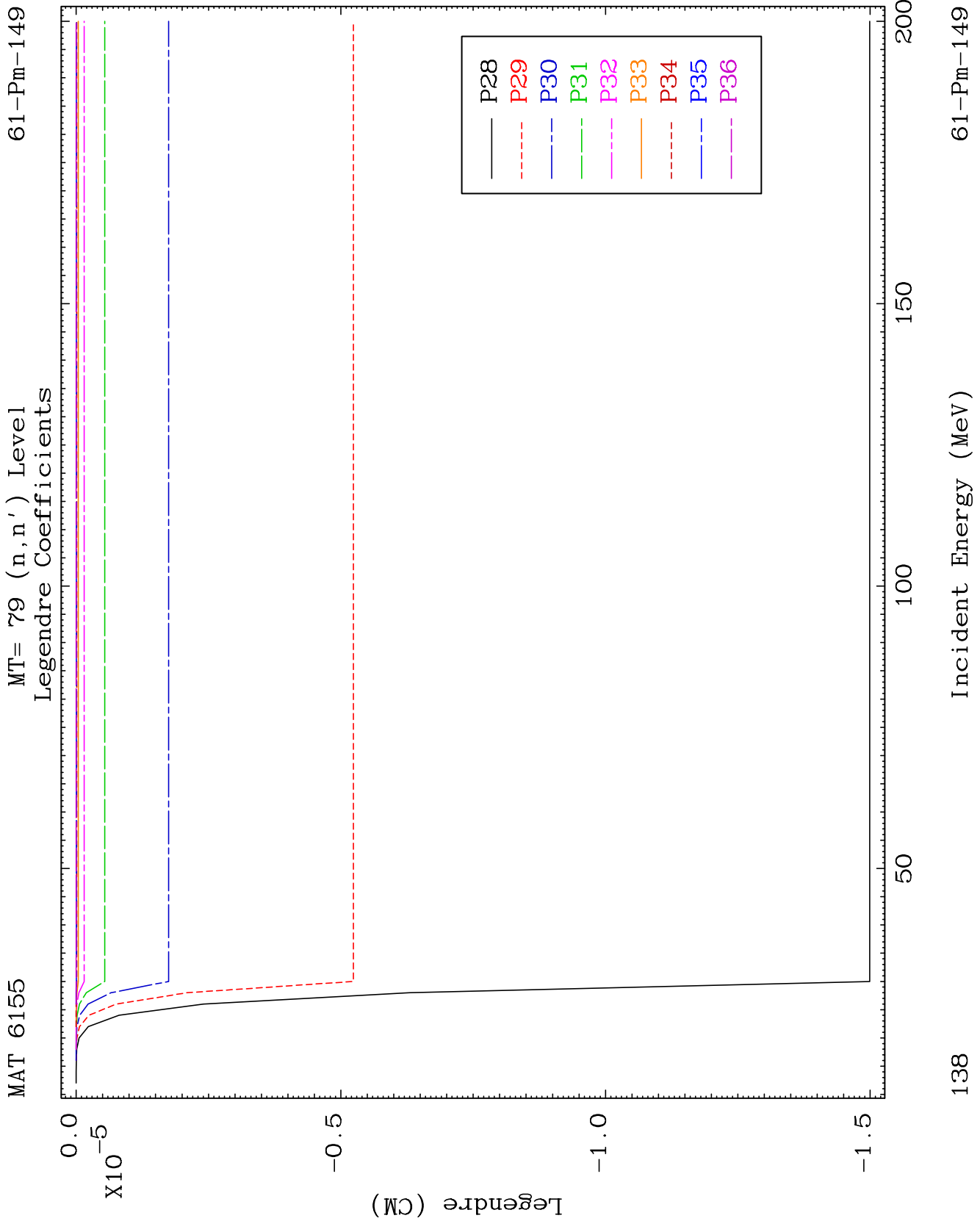
61-Pm-149

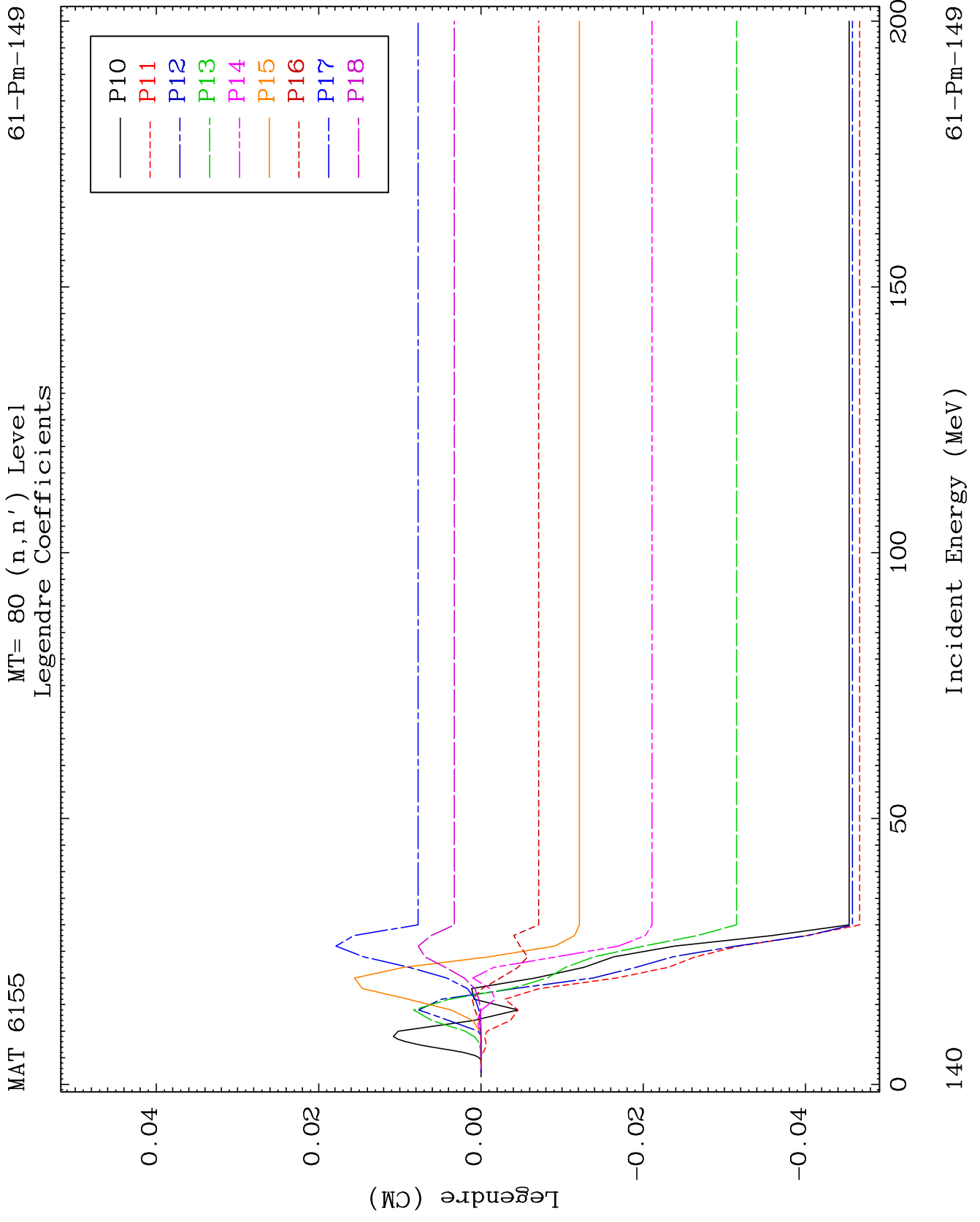


137

Incident Energy (MeV)

61-Pm-149

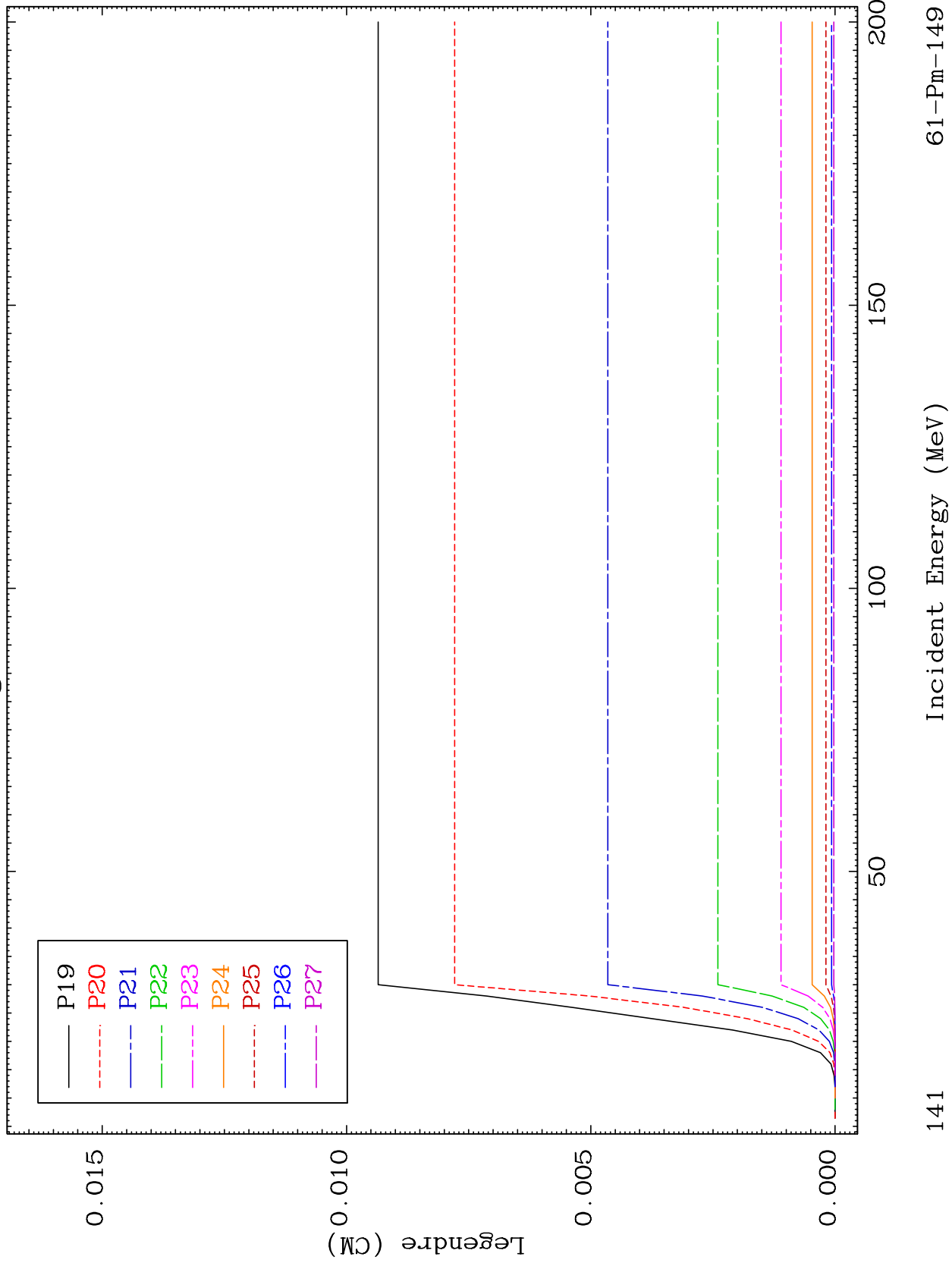




MAT 6155

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

61-Pm-149



141

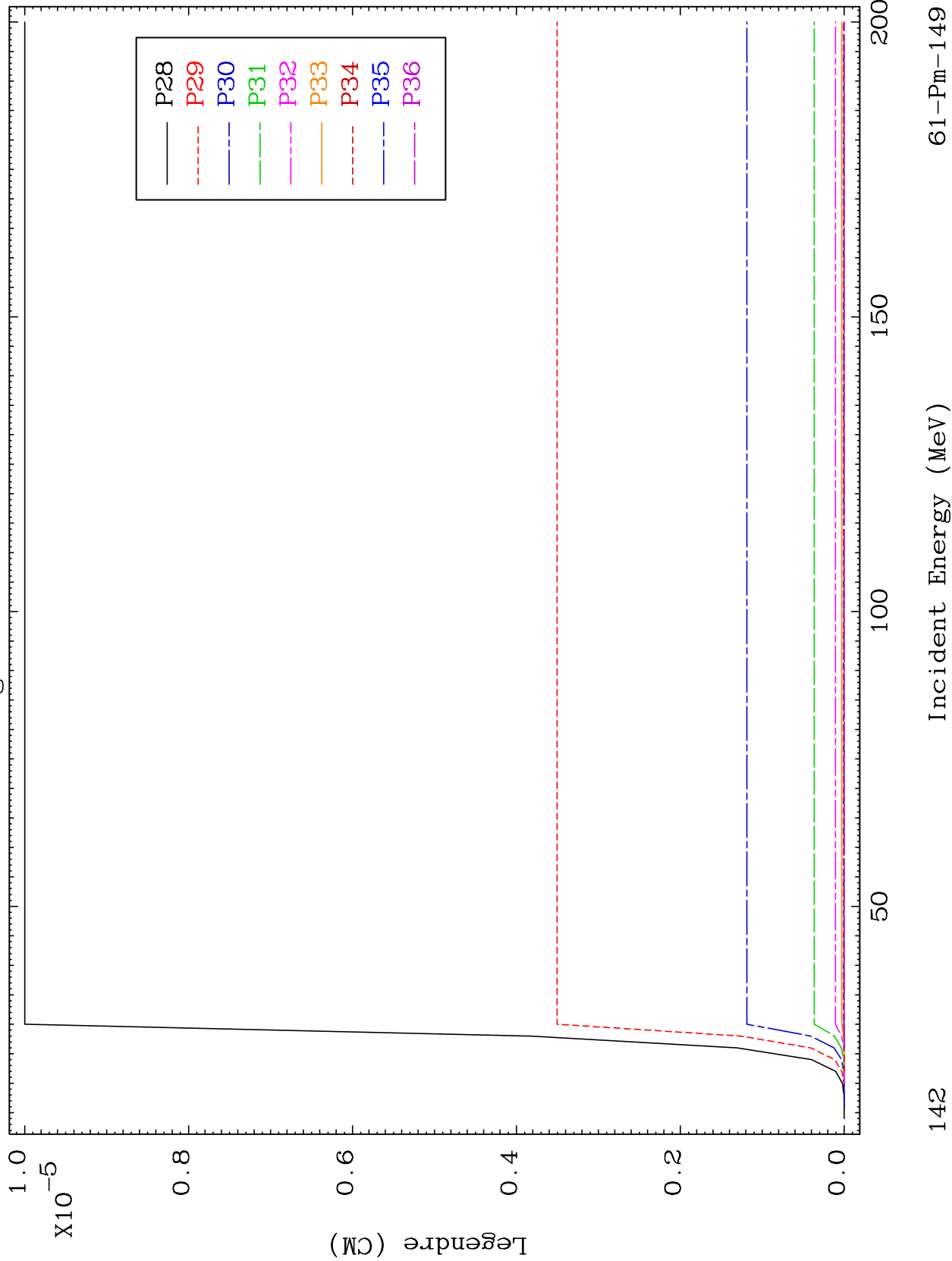
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



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Incident Energy (MeV)

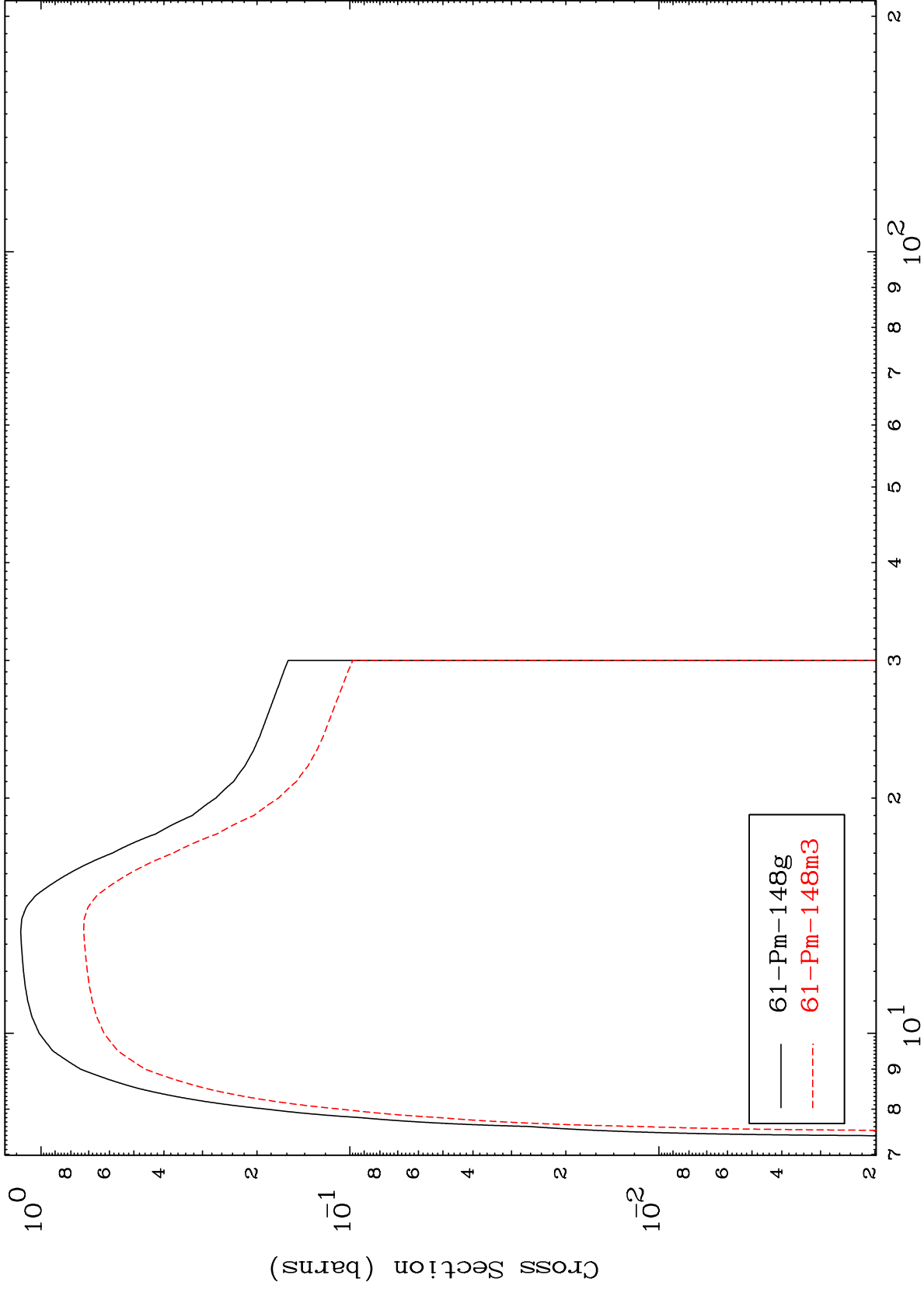
61-Pm-149

MAT 6155

(n,2n)

61-Pm-149

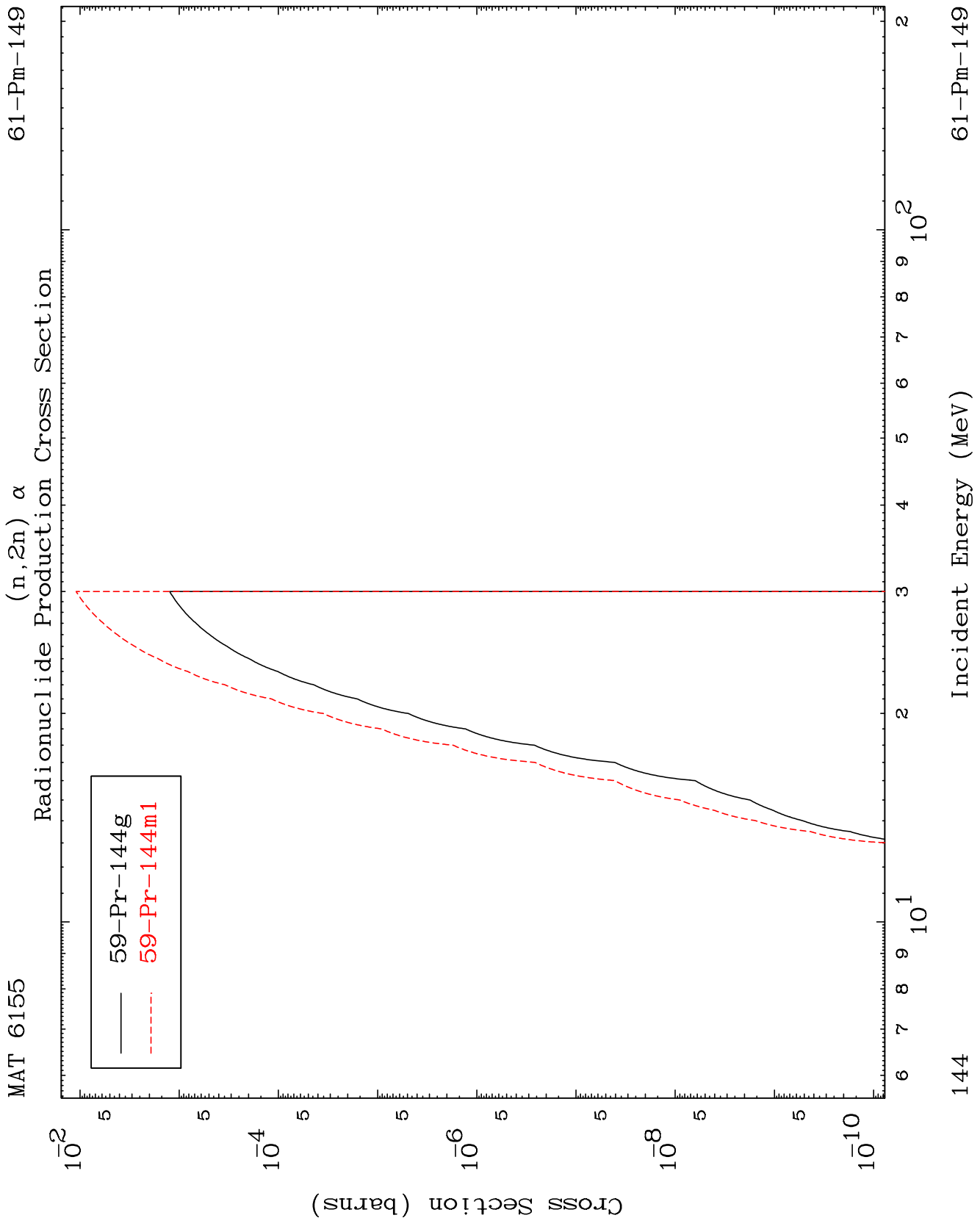
Radionuclide Production Cross Section



143

Incident Energy (MeV)

61-Pm-149

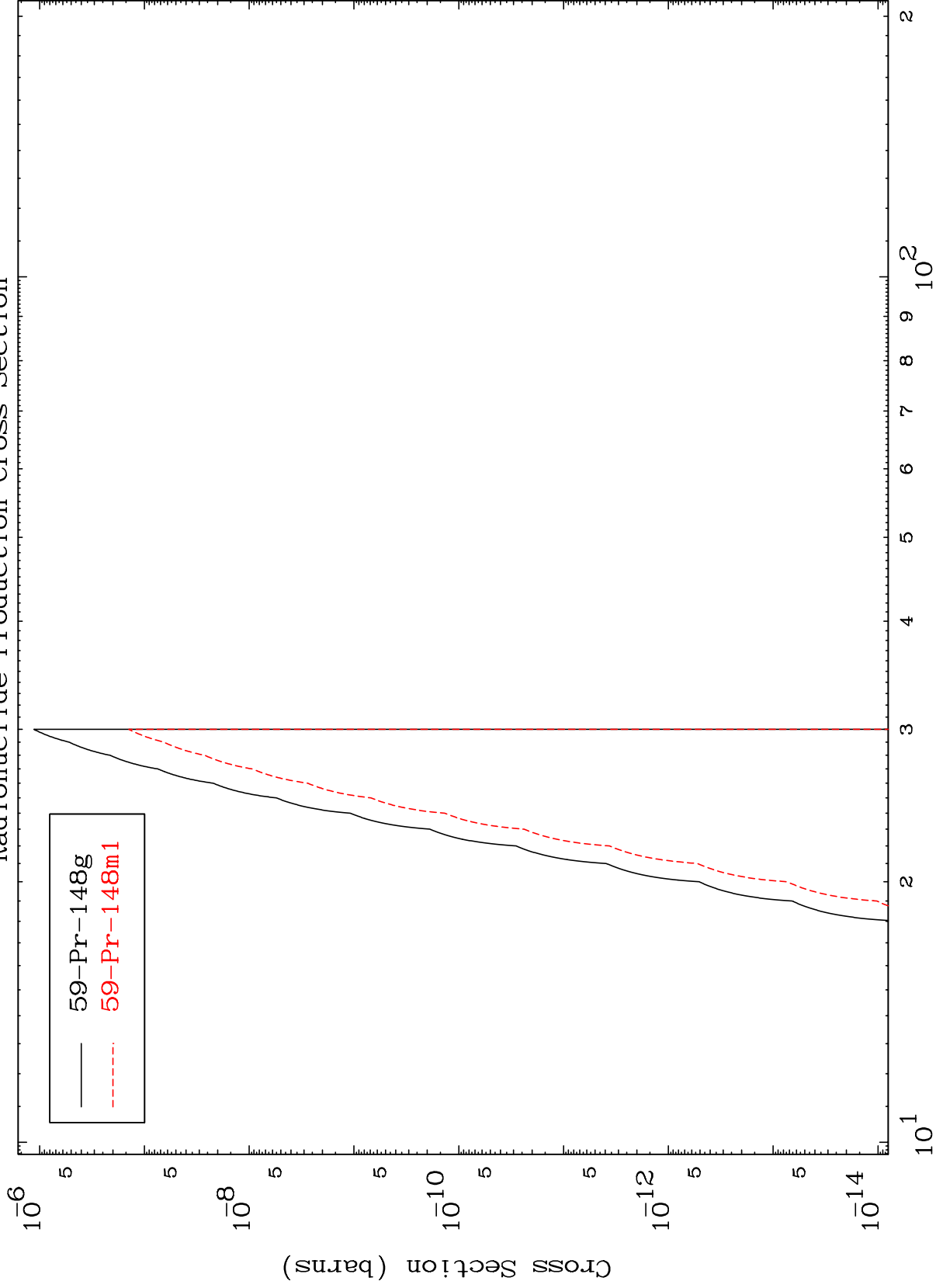


MAT 6155

(n,2p)

61-Pm-149

Radionuclide Production Cross Section



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Incident Energy (MeV)

61-Pm-149