

Program EVALPLOT  
(Version 2018-1)

by

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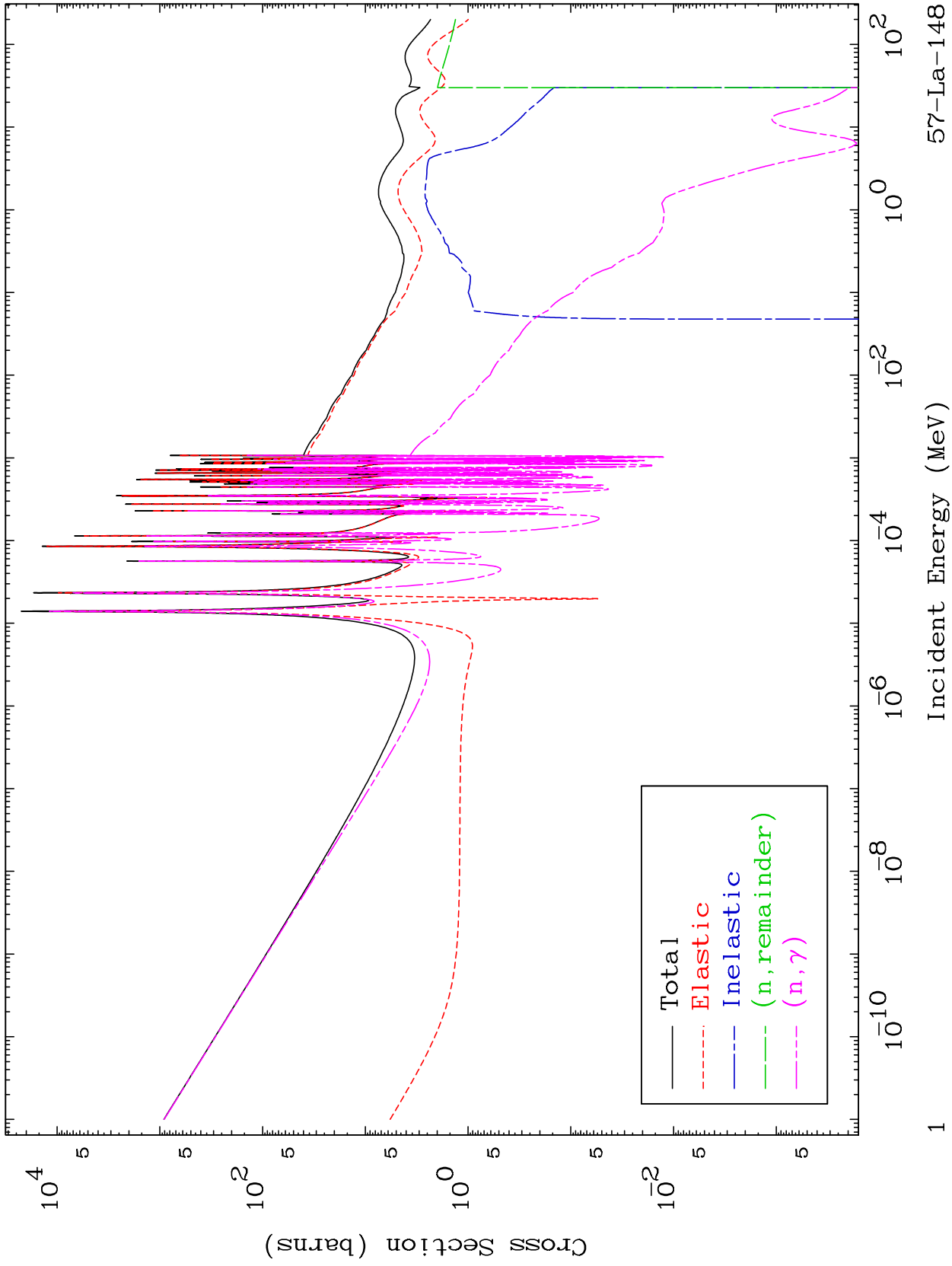
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5755

Major  
293 Kelvin Cross Sections

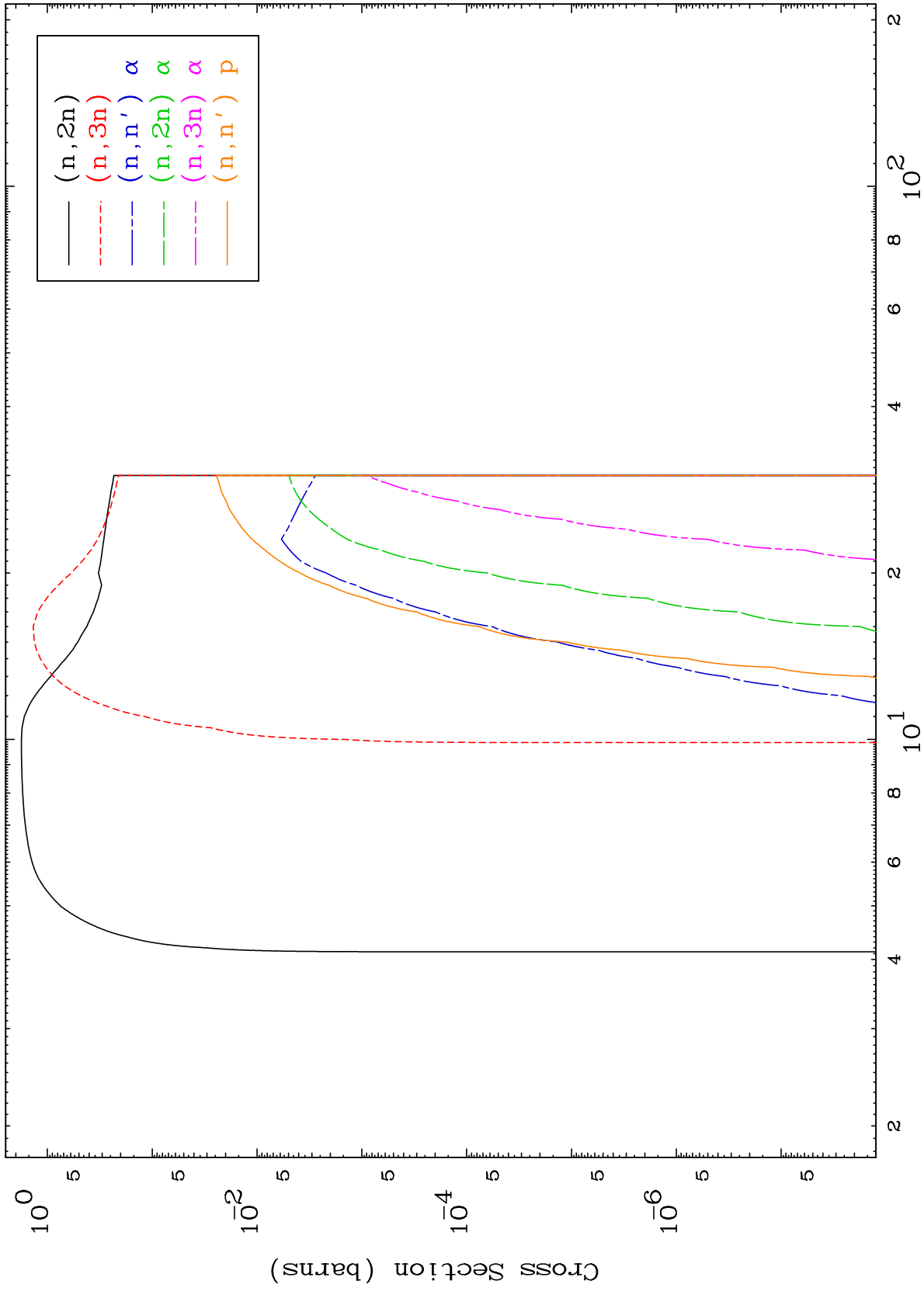
57-La-148



MAT 5755

Neutron Production  
293 Kelvin Cross Sections

57-La-148



2

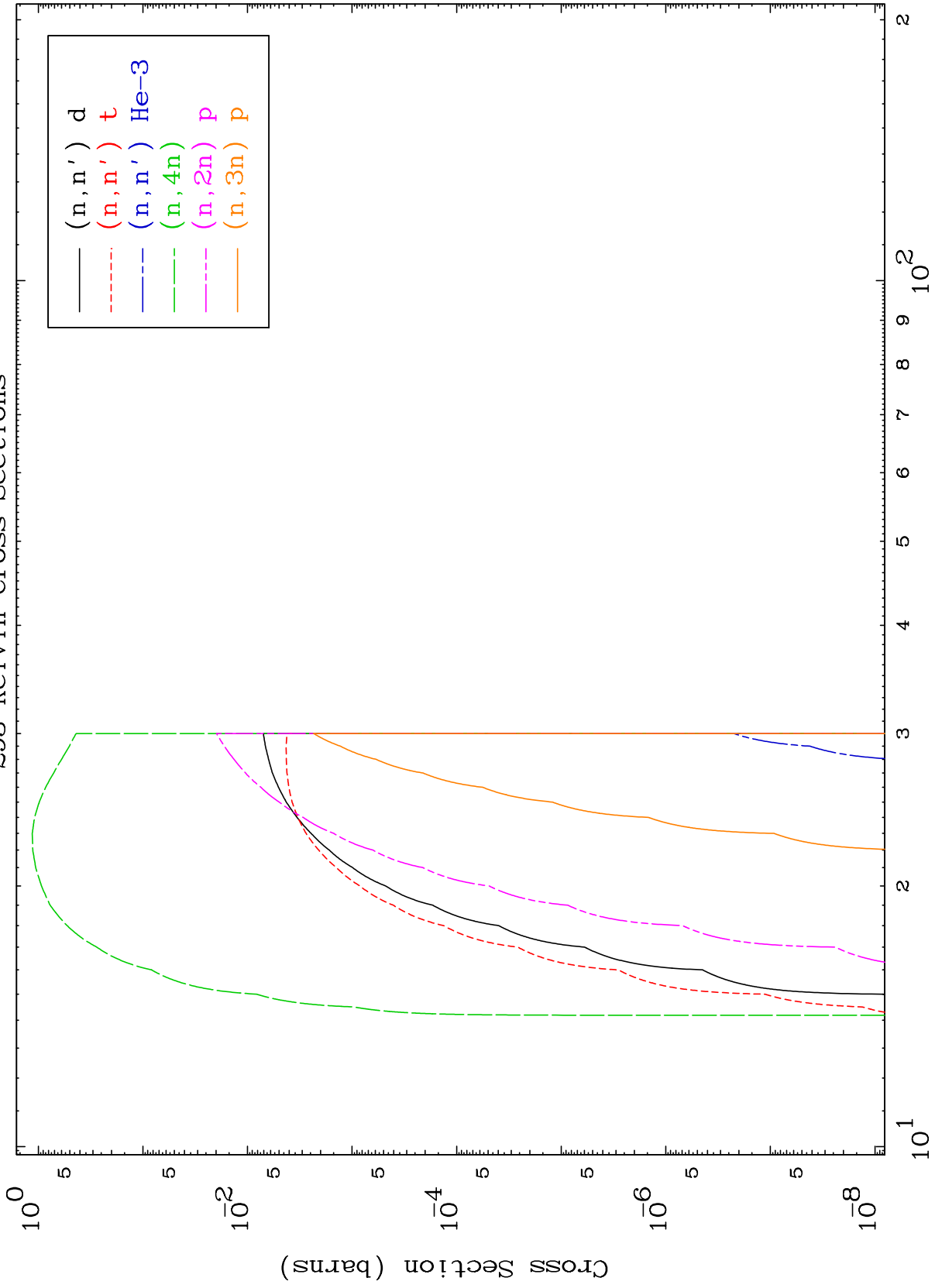
Incident Energy (MeV)

57-La-148

MAT 5755

Neutron Production  
293 Kelvin Cross Sections

57-La-148



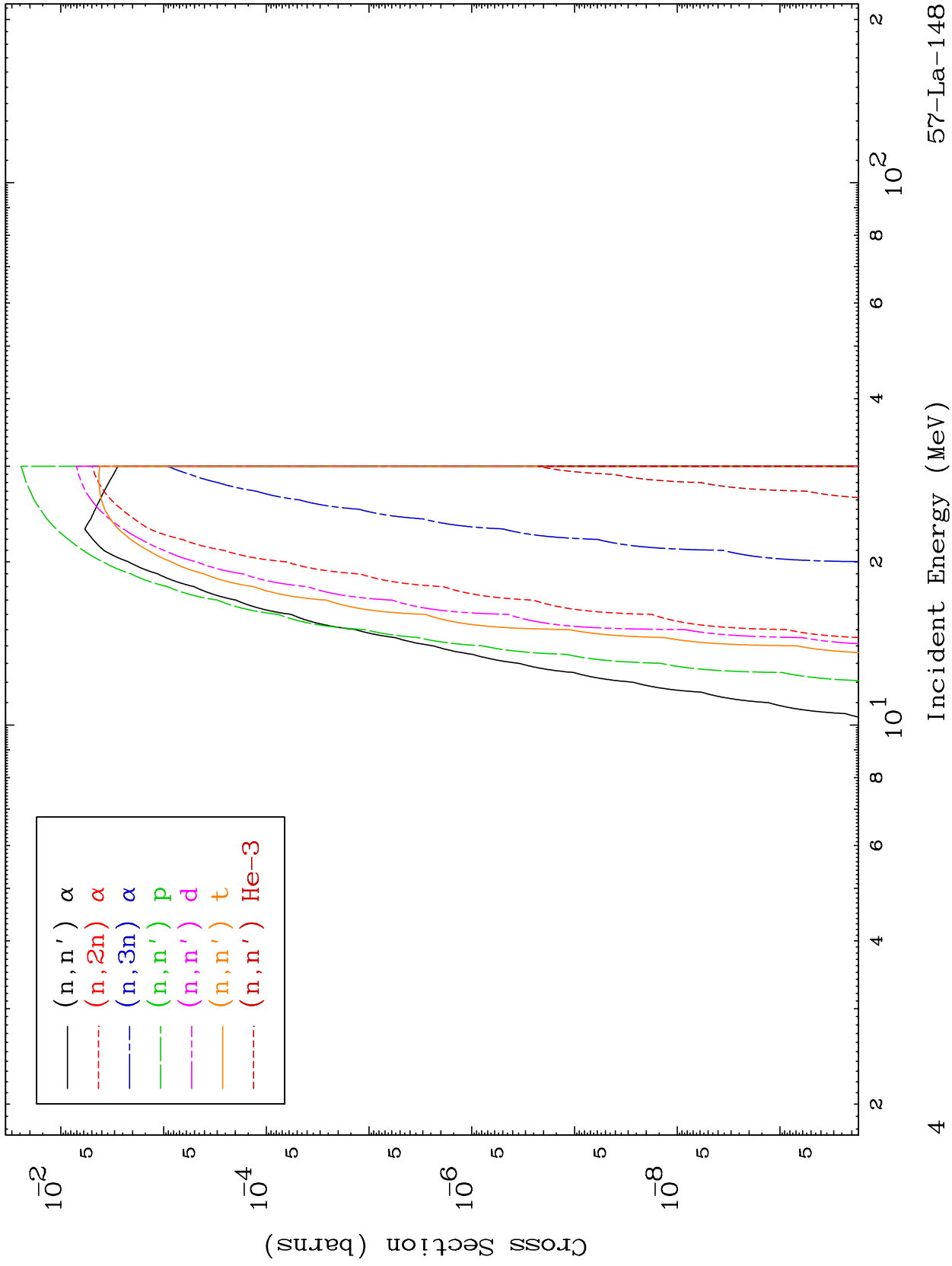
Incident Energy (MeV)

57-La-148

MAT 5755

Charged Particle  
293 Kelvin Cross Sections

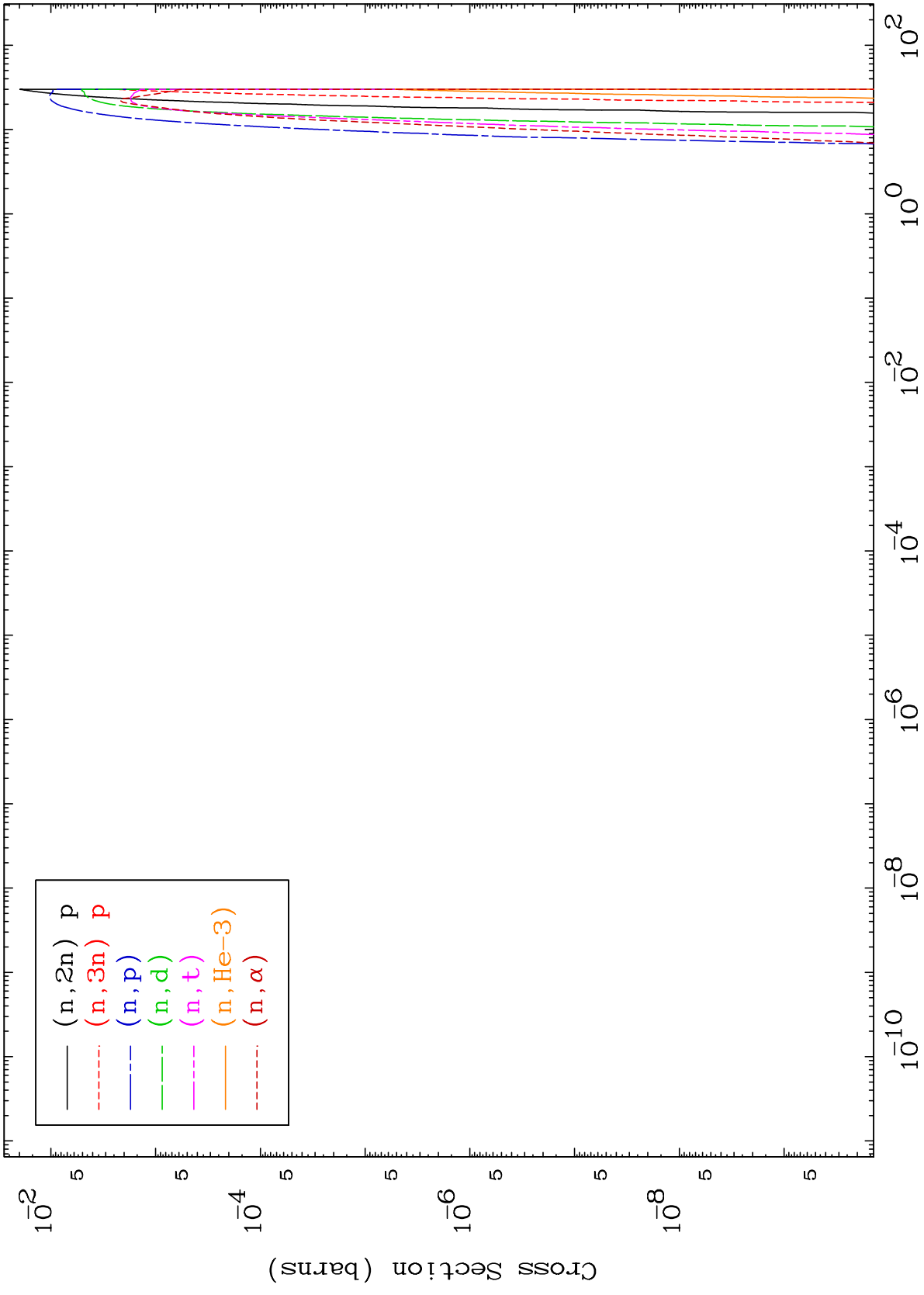
57-La-148



MAT 5755

Charged Particle  
293 Kelvin Cross Sections

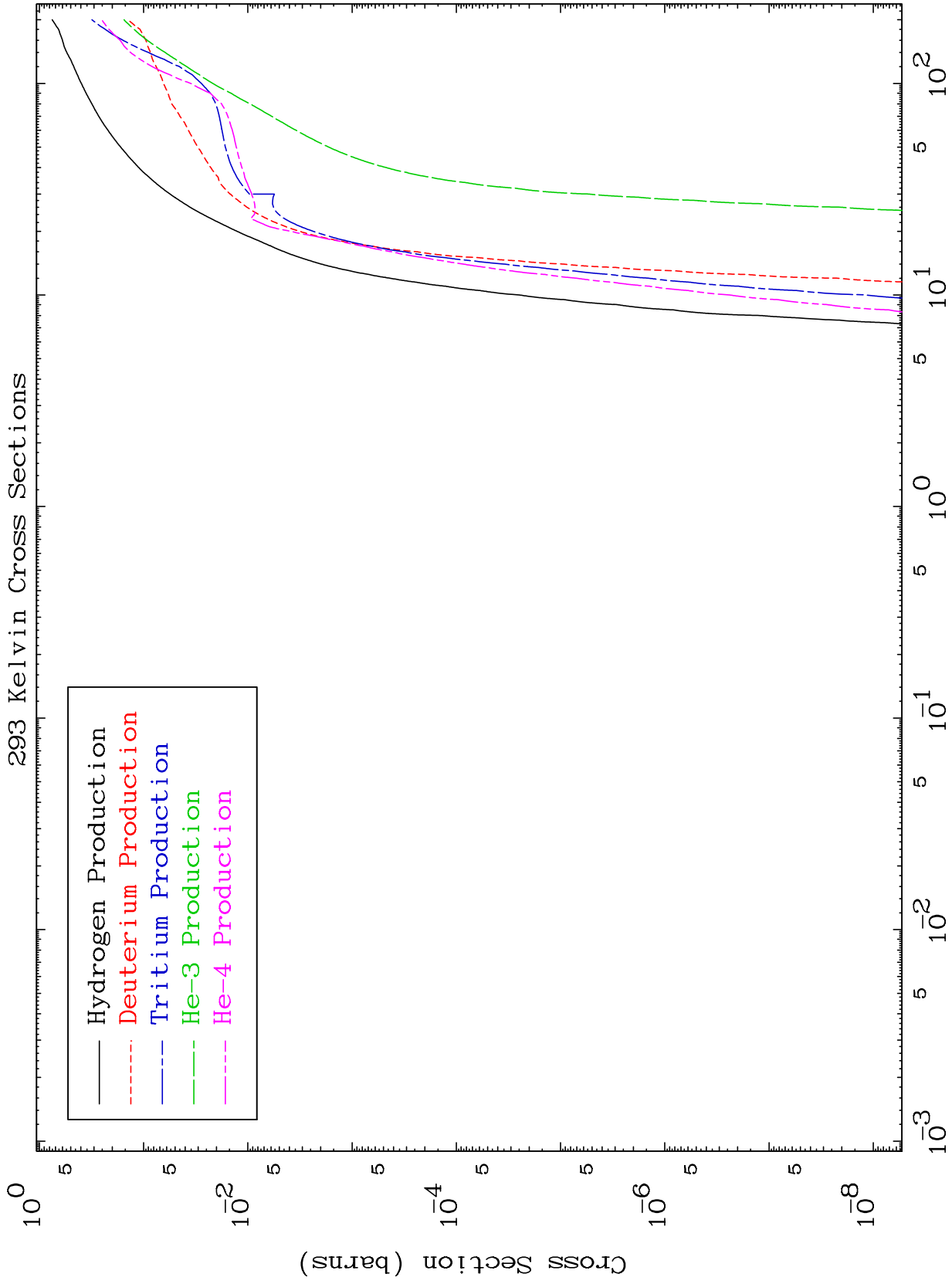
57-La-148



MAT 5755

Particle Production  
293 Kelvin Cross Sections

57-La-148



Incident Energy (MeV)

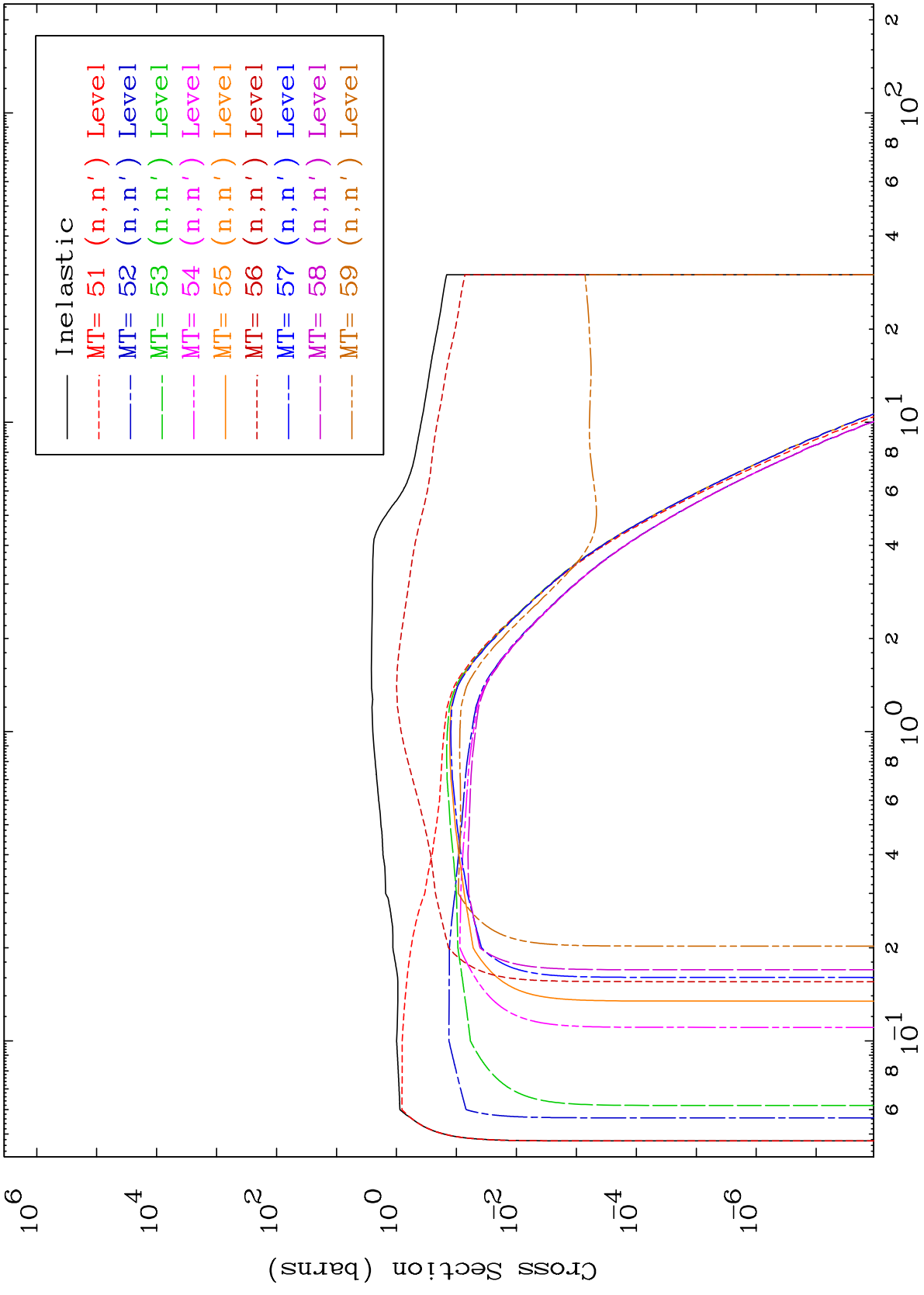
57-La-148

MAT 5755

(n,n') Level

57-La-148

293 Kelvin Cross Sections



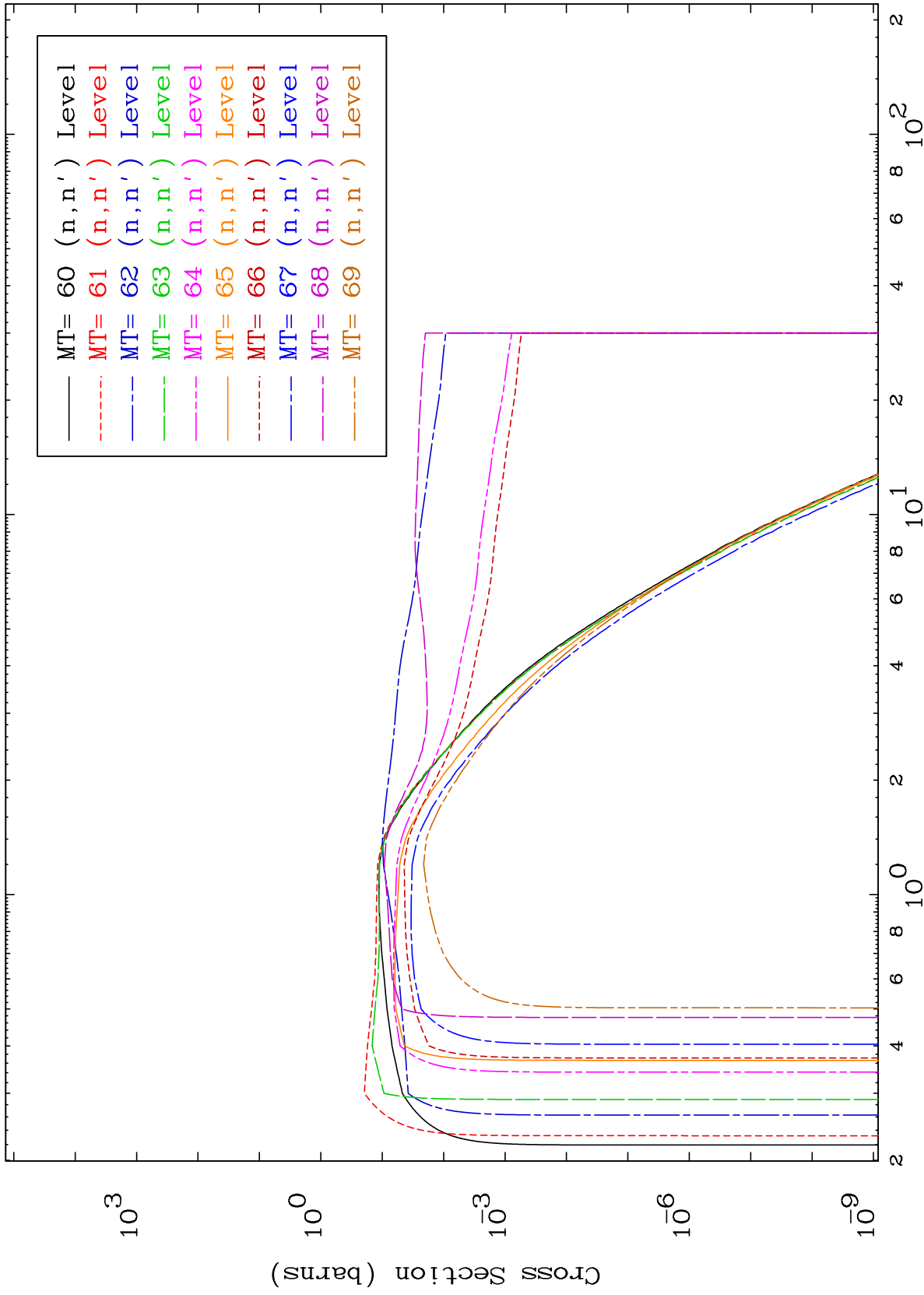


MAT 5755

(n,n') Level

57-La-148

293 Kelvin Cross Sections



8

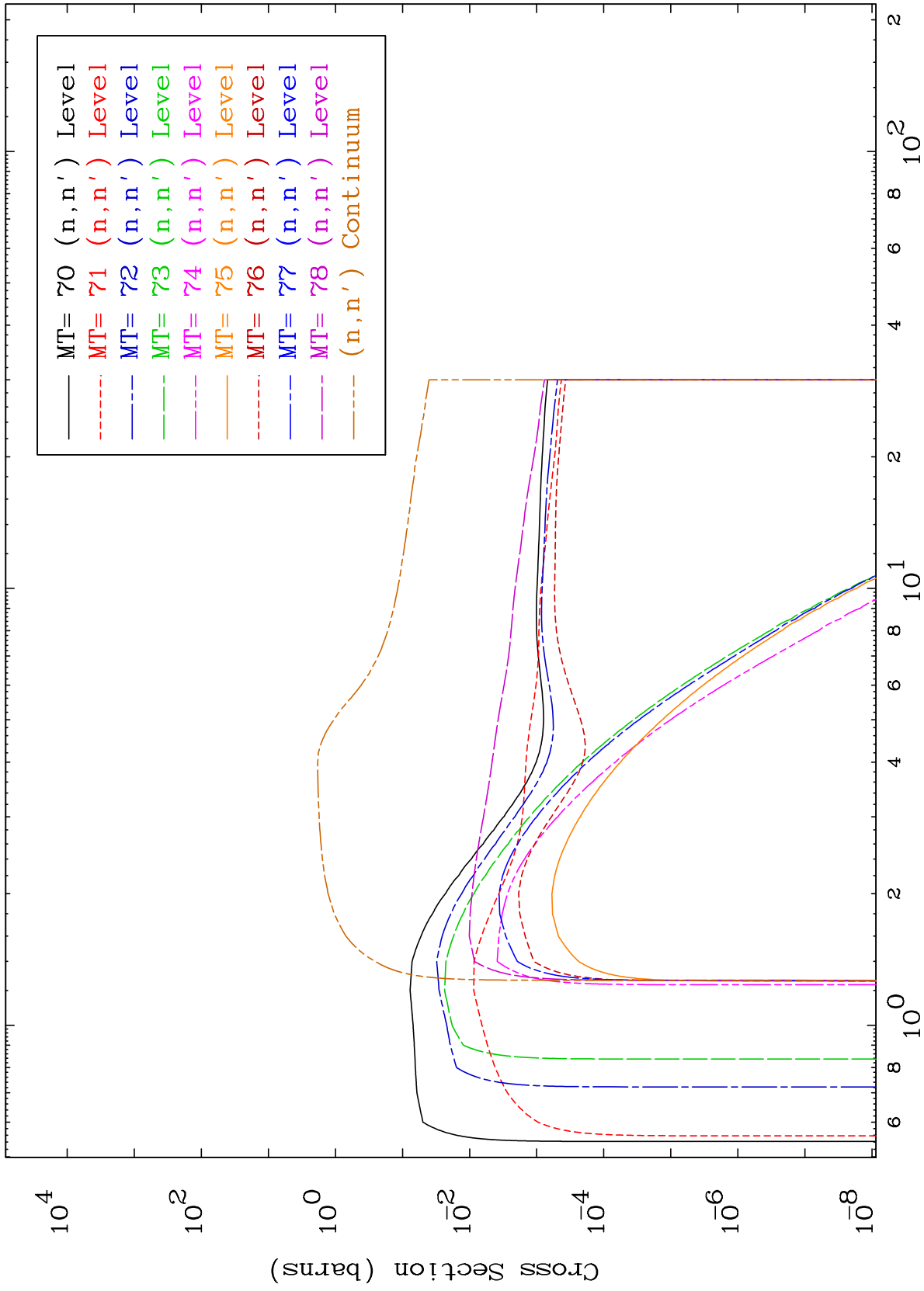
Incident Energy (MeV)

57-La-148

MAT 5755

(n,n') Level  
293 Kelvin Cross Sections

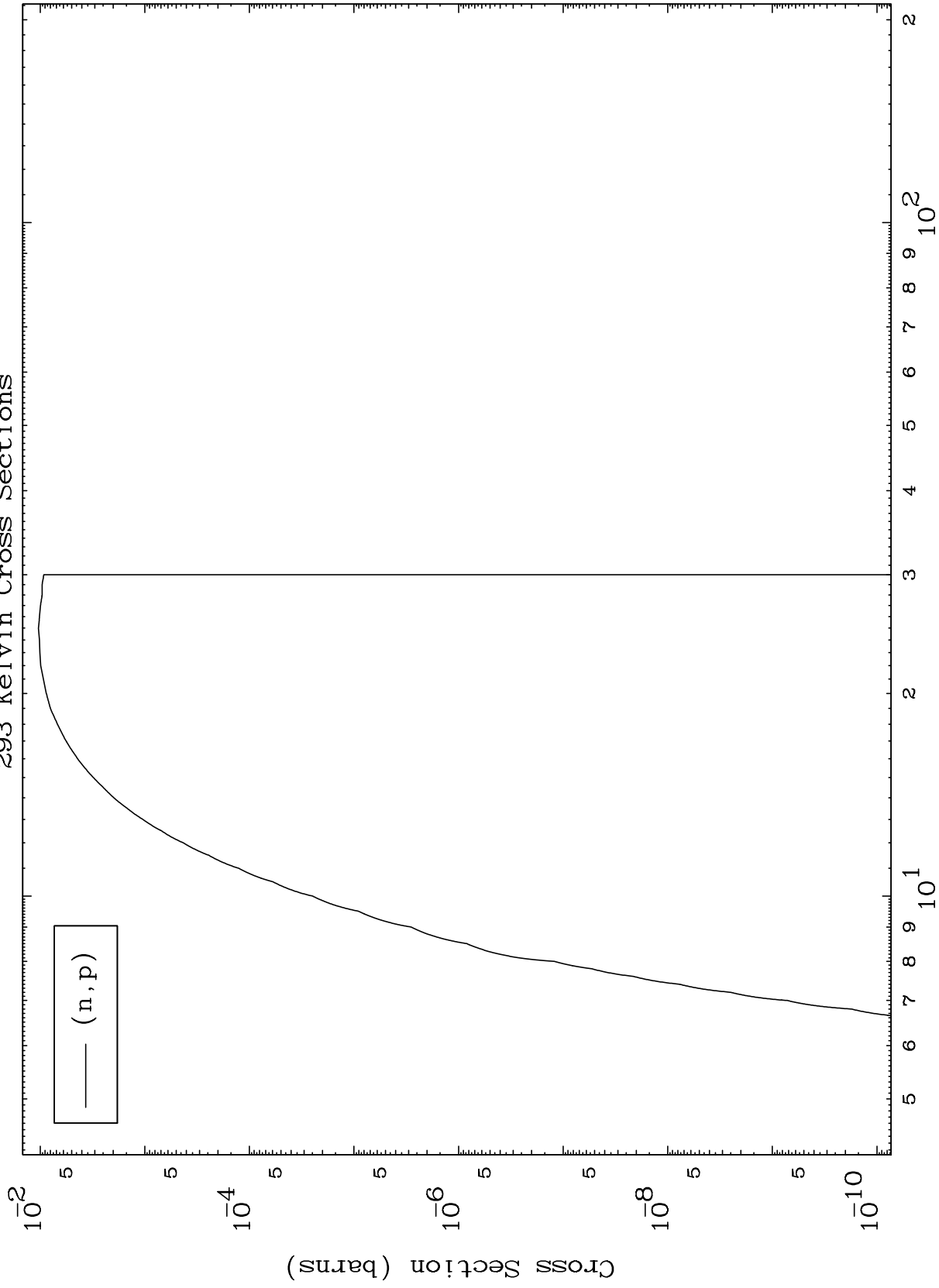
57-La-148



MAT 5755

(n,p) Levels  
293 Kelvin Cross Sections

57-La-148



10

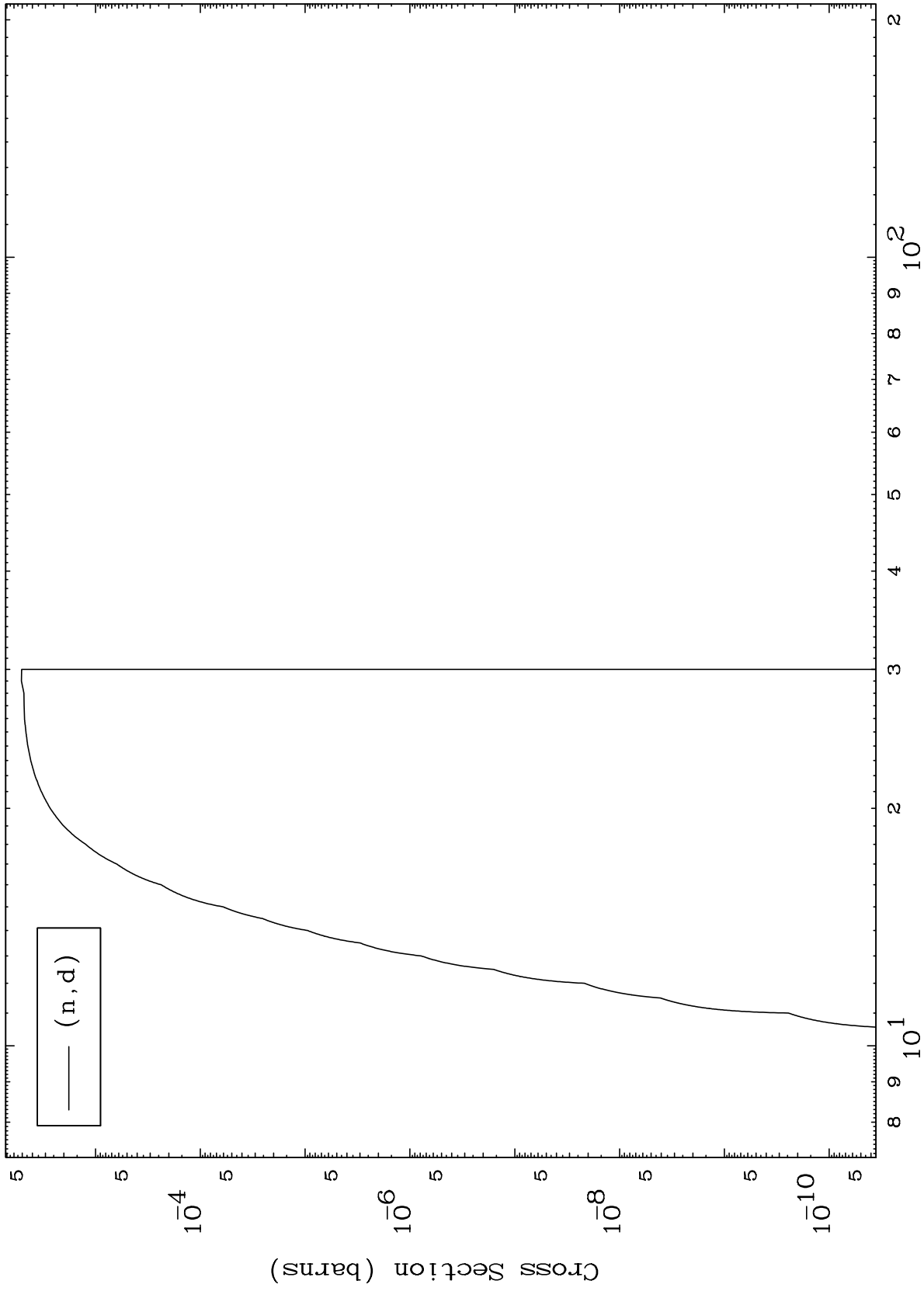
Incident Energy (MeV)

57-La-148

MAT 5755

(n,d) Levels  
293 Kelvin Cross Sections

57-La-148



11

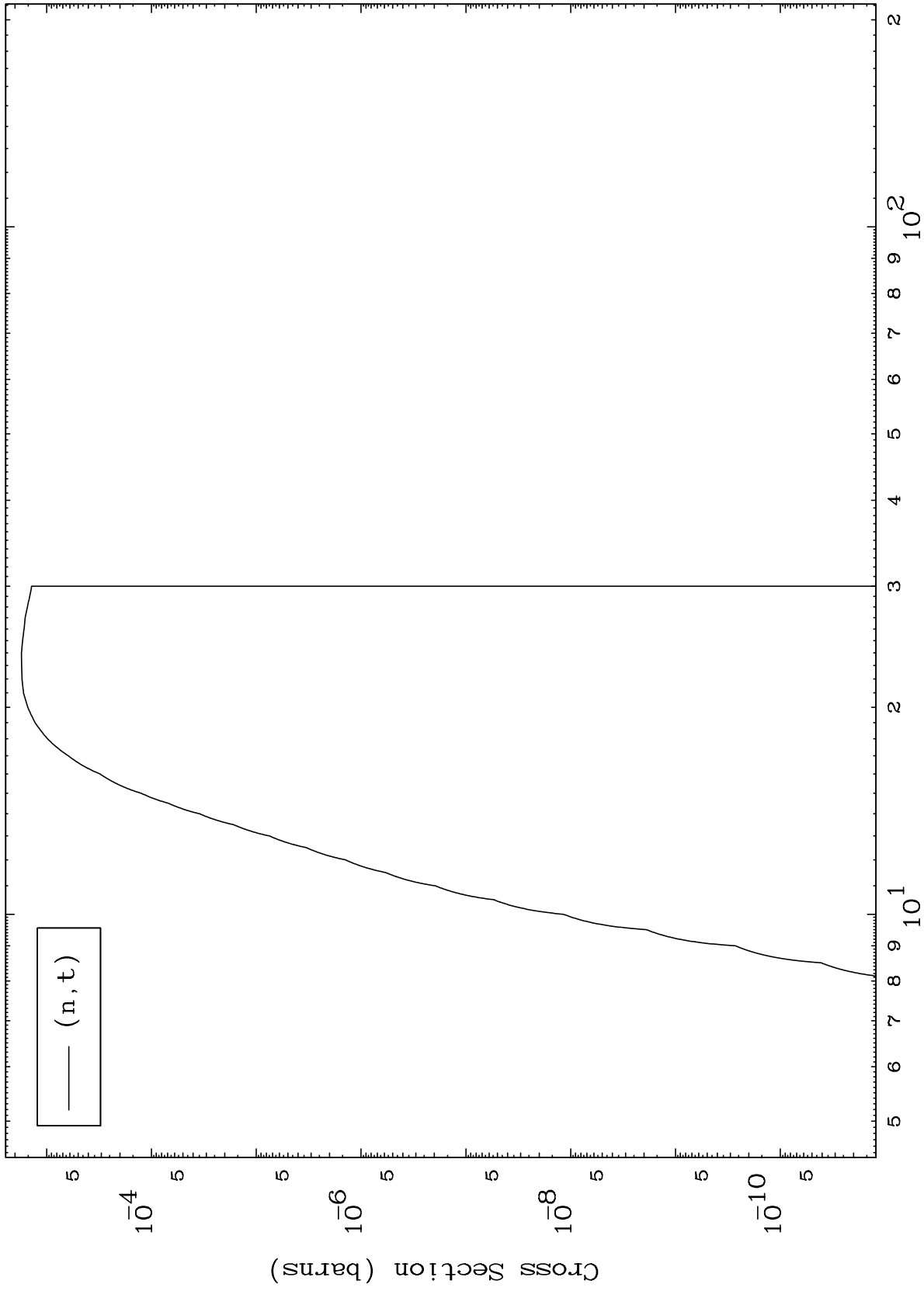
Incident Energy (MeV)

57-La-148

MAT 5755

(n,t) Levels  
293 Kelvin Cross Sections

57-La-148



12

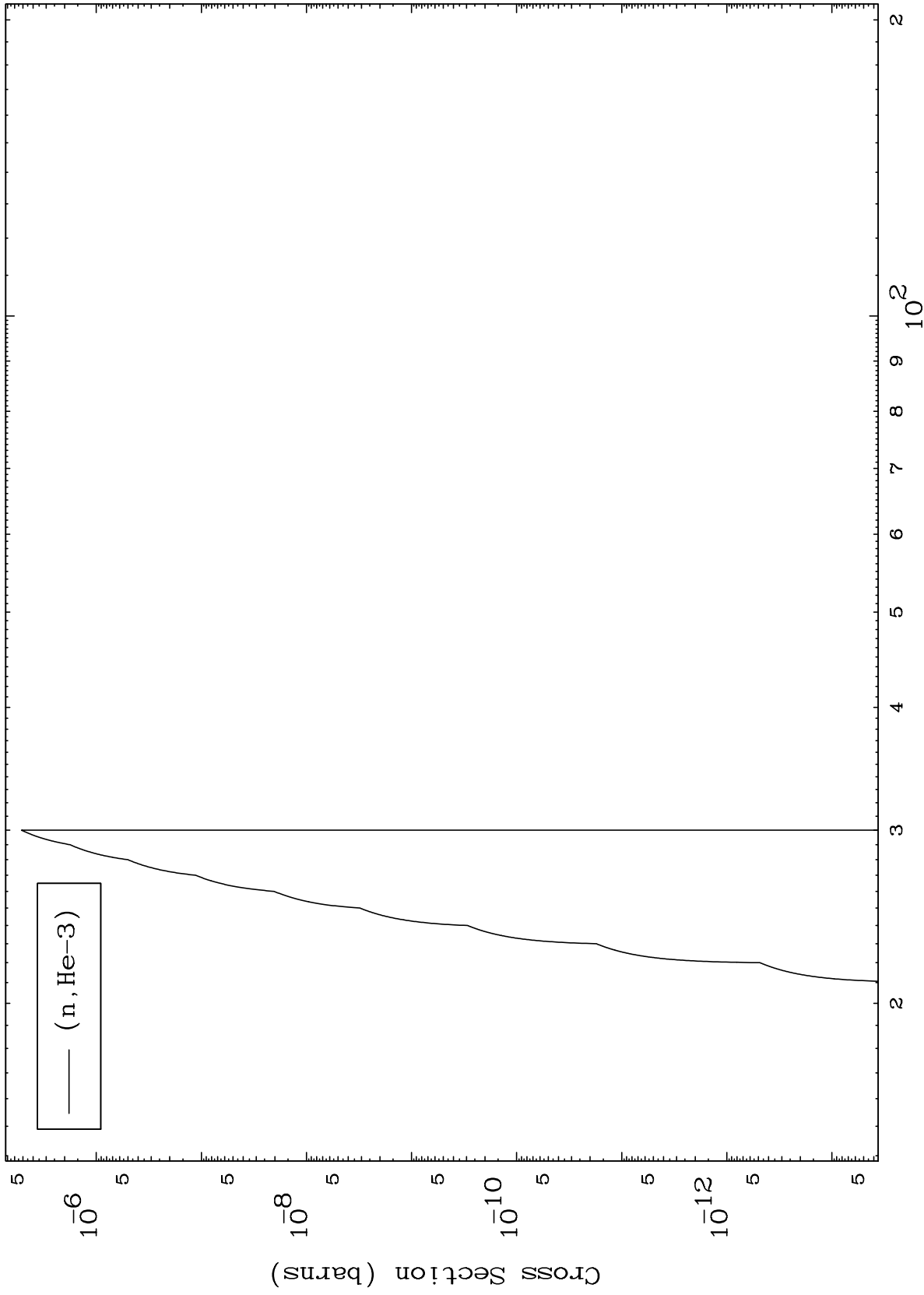
Incident Energy (MeV)

57-La-148

MAT 5755

(n,He3) Levels  
293 Kelvin Cross Sections

57-La-148



13

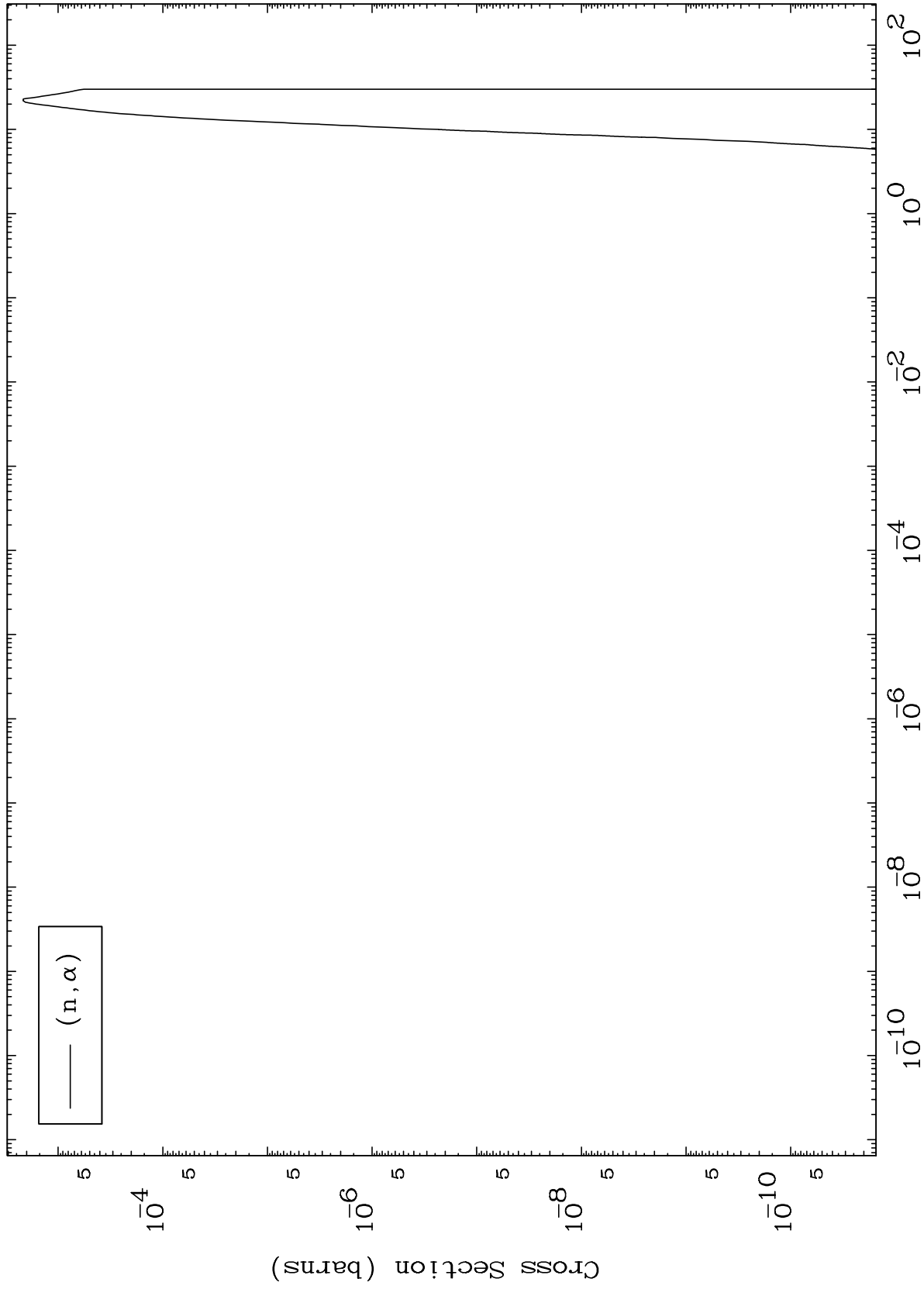
Incident Energy (MeV)

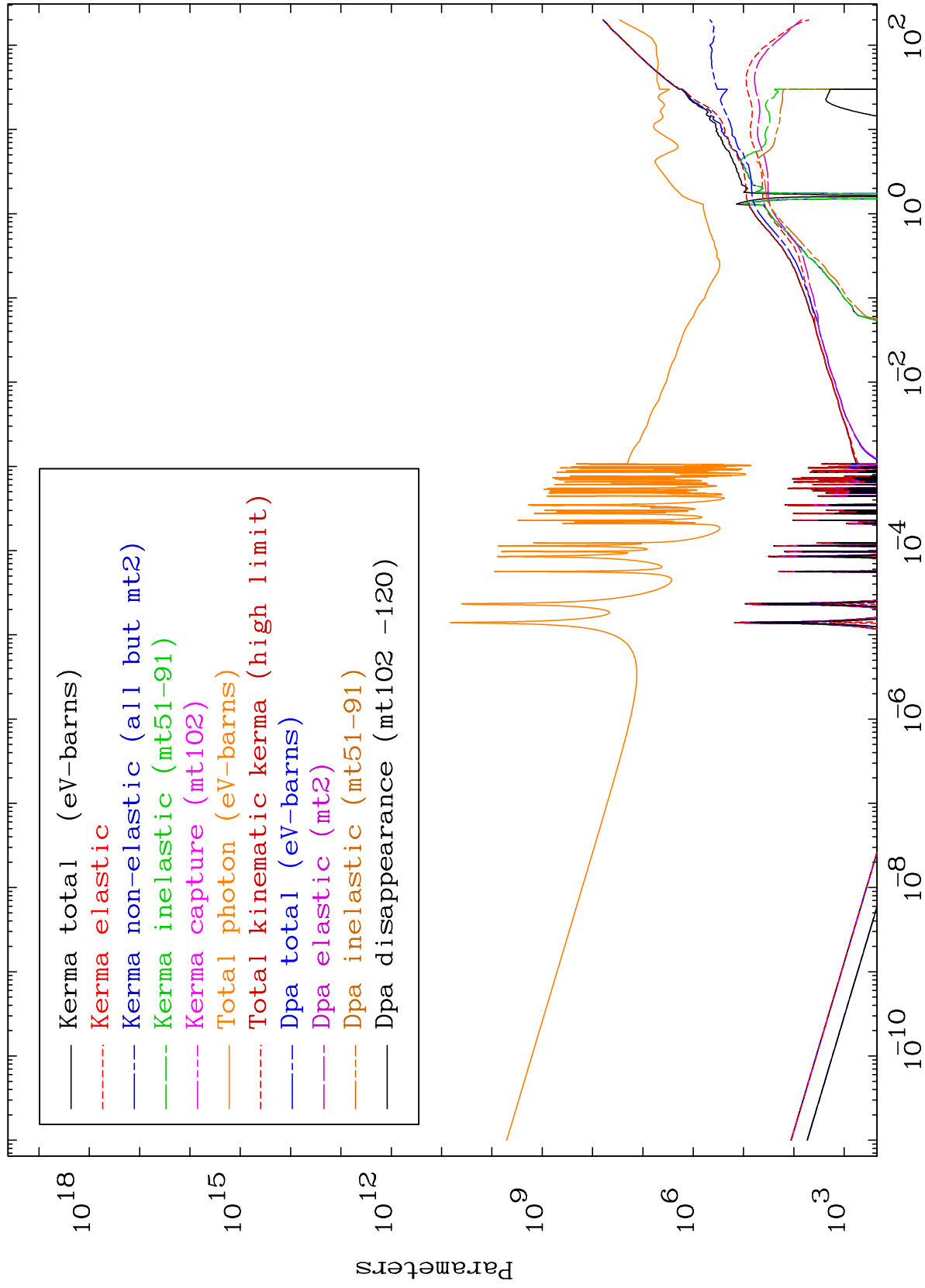
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MAT 5755

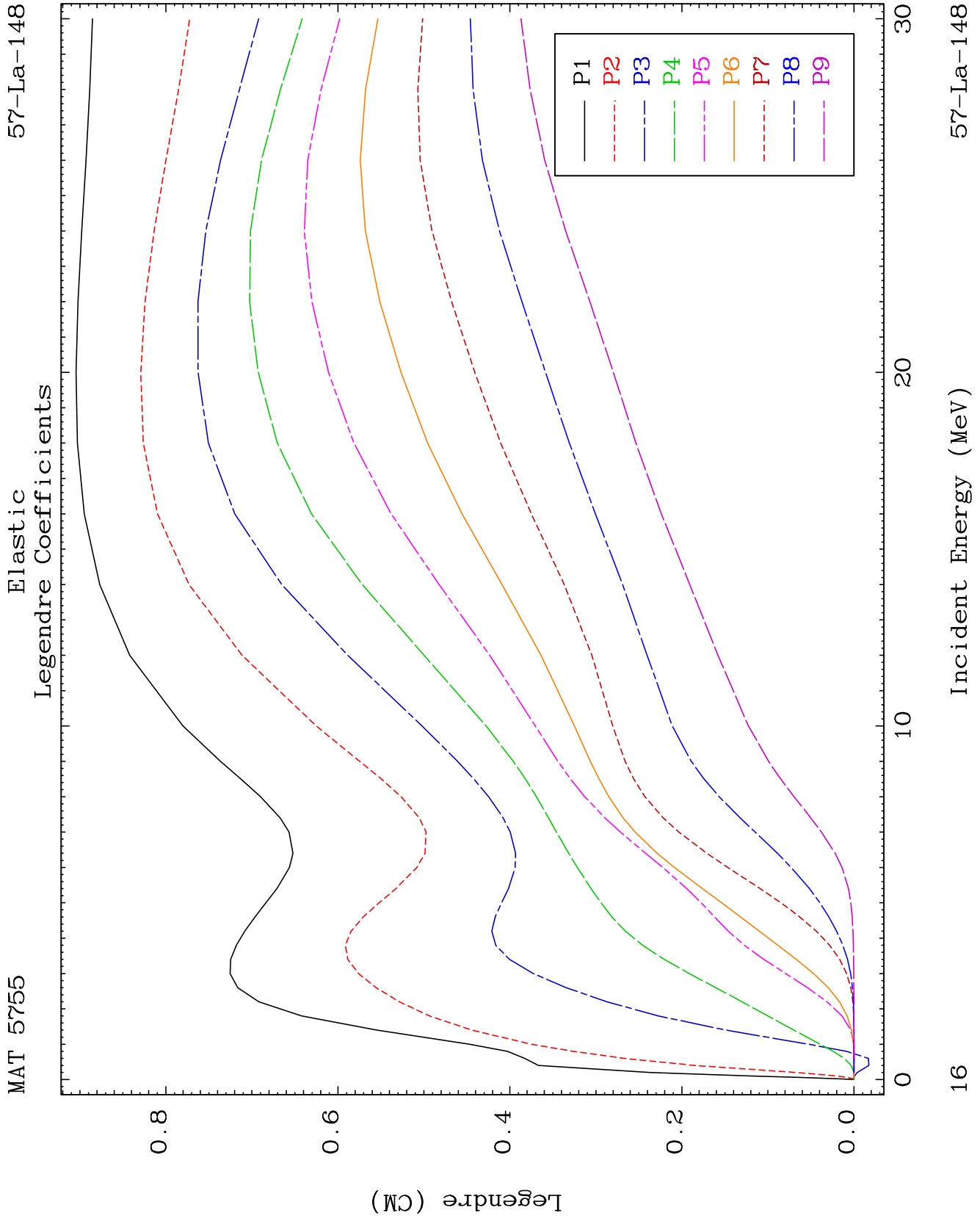
(n,α) Levels  
293 Kelvin Cross Sections

57-La-148





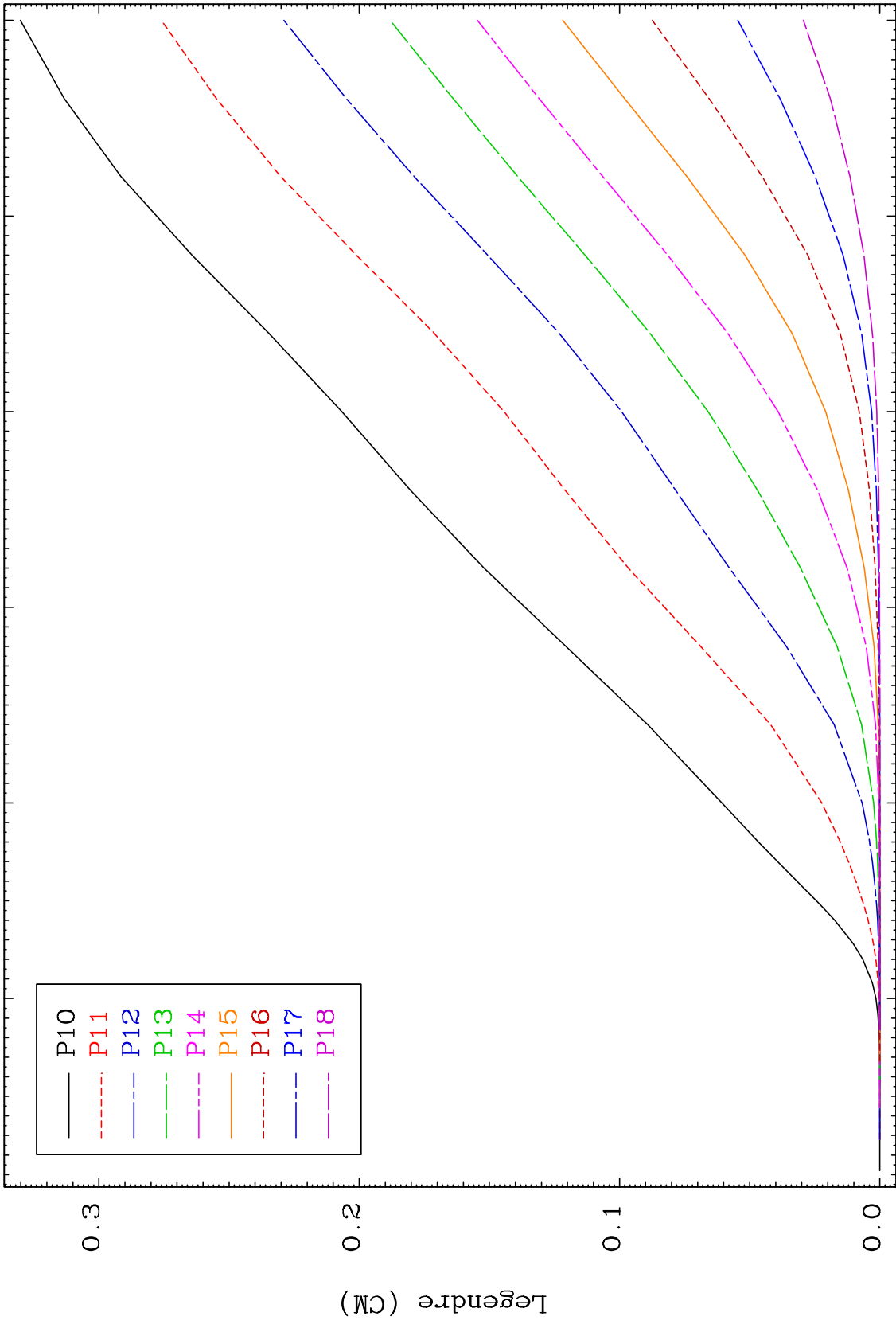




MAT 5755

Elastic Legendre Coefficients

57-La-148



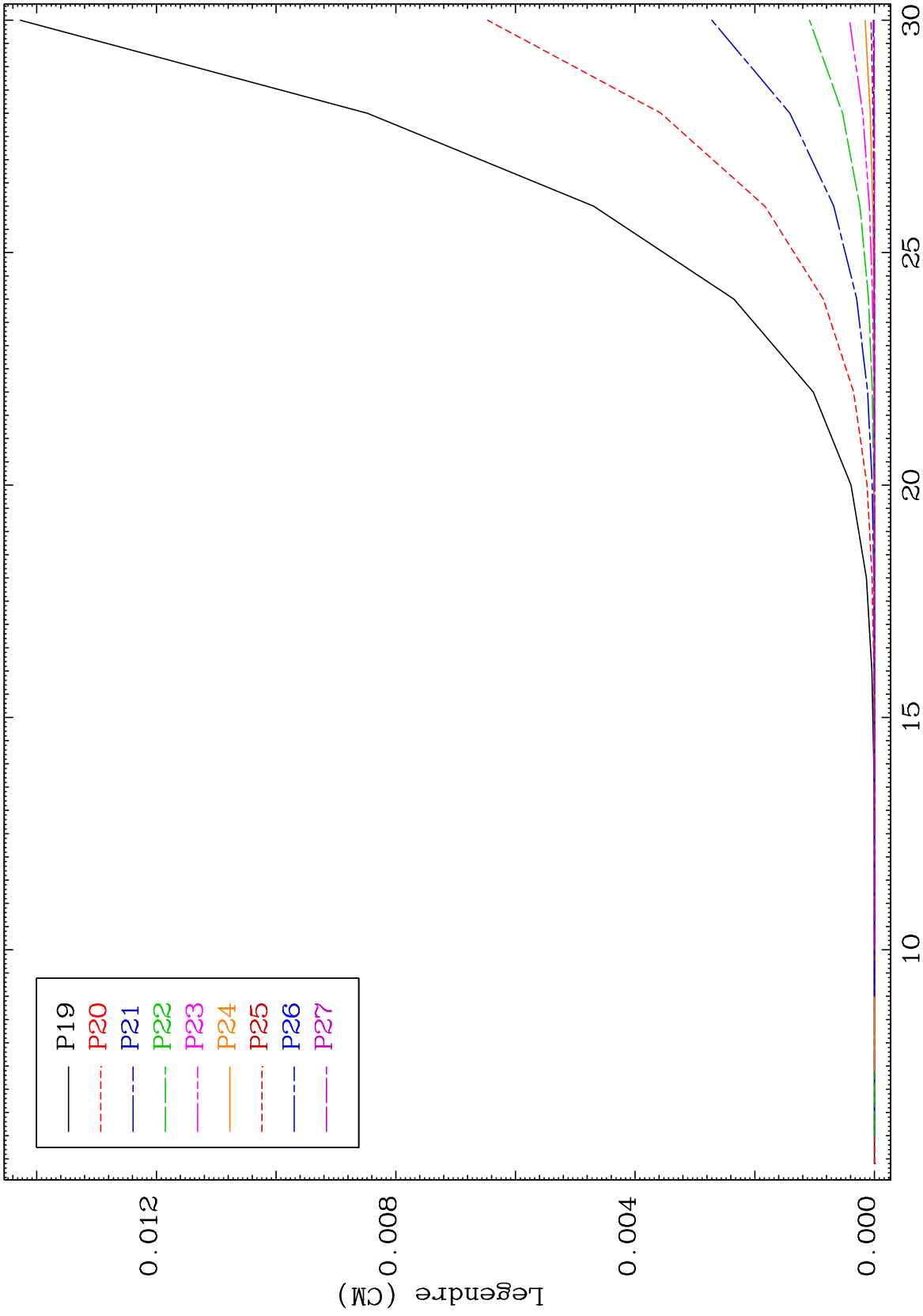
17

57-La-148

MAT 5755

### Elastic Legendre Coefficients

57-La-148



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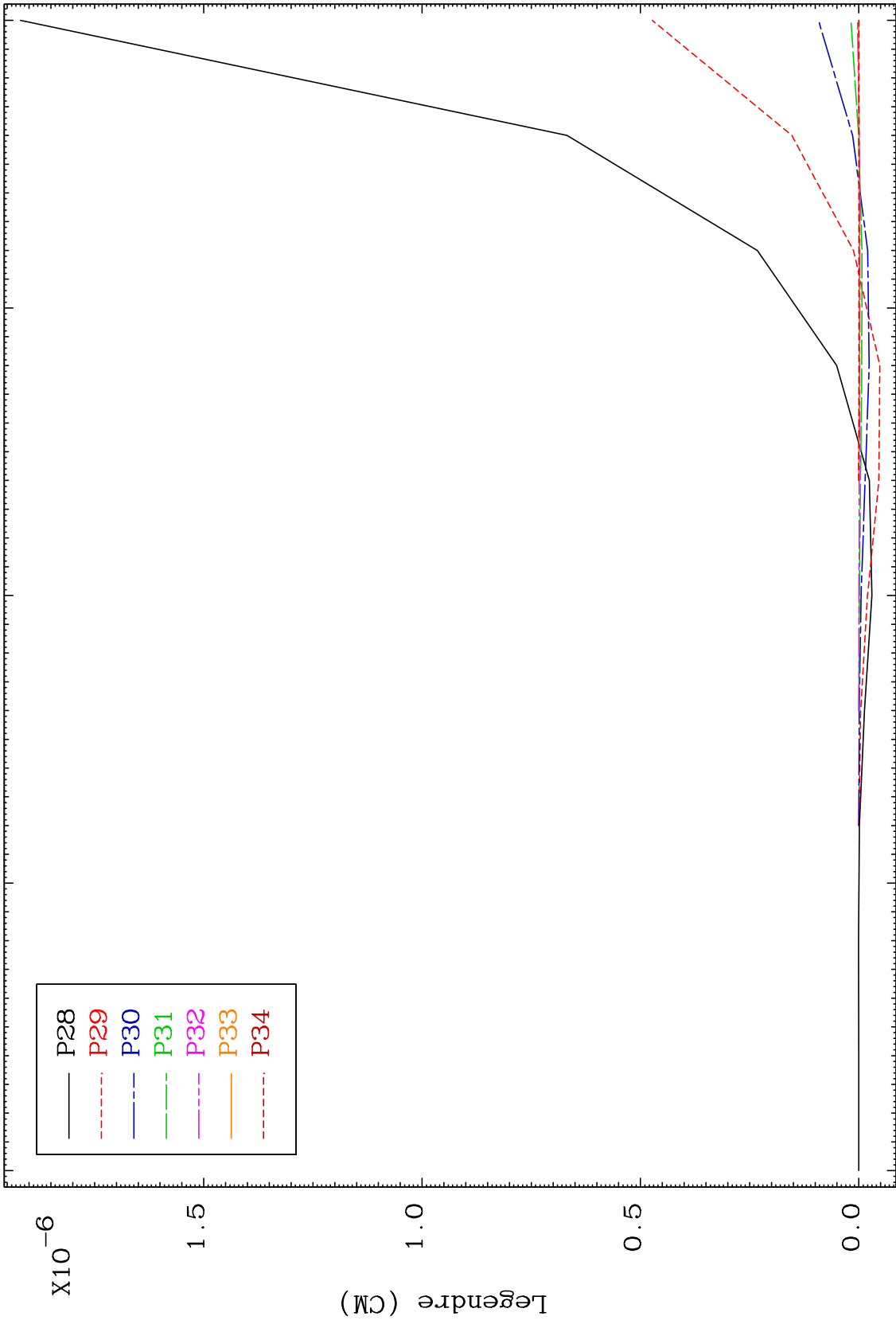
Incident Energy (MeV)

57-La-148

MAT 5755

Elastic Legendre Coefficients

57-La-148



19

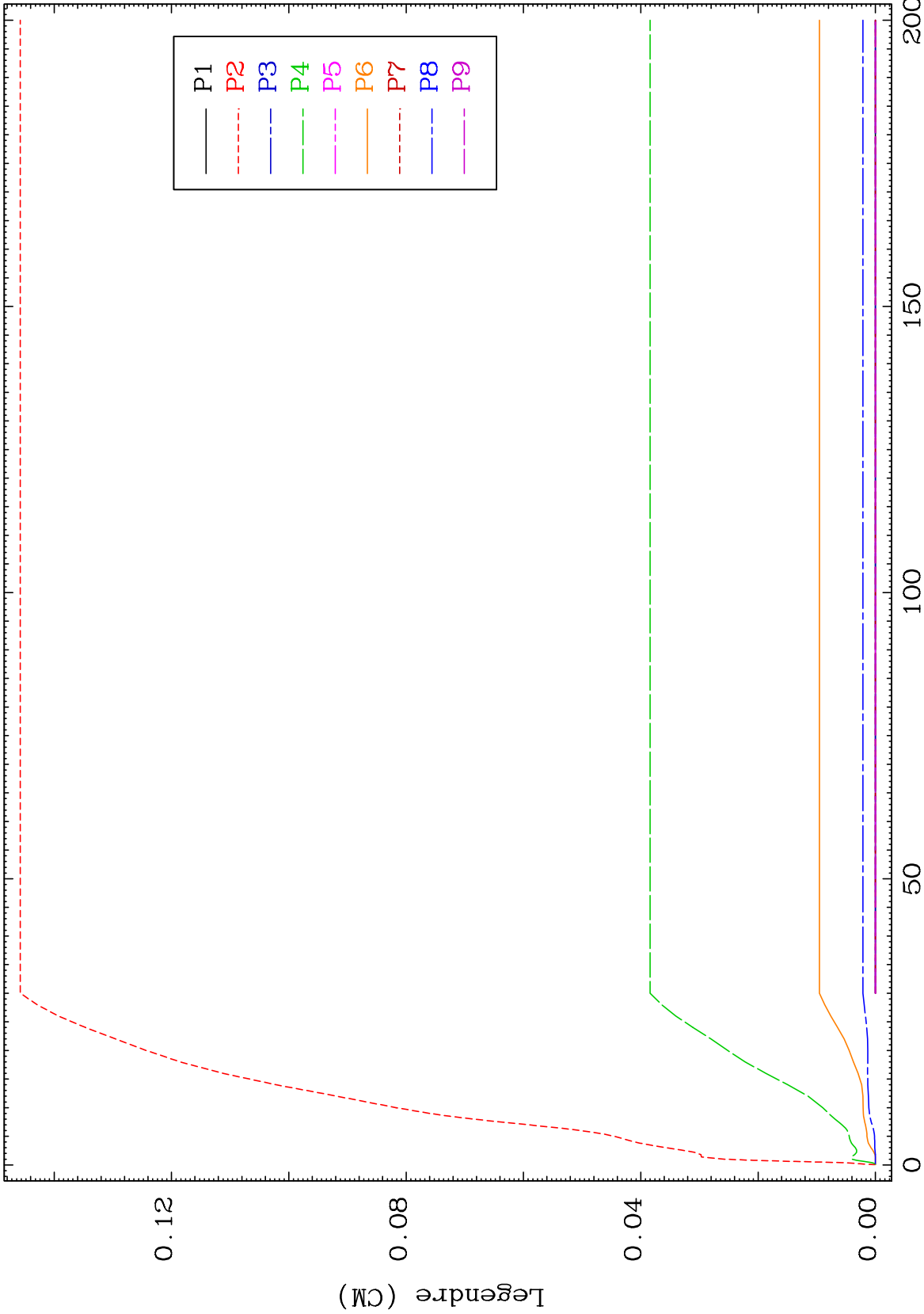
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



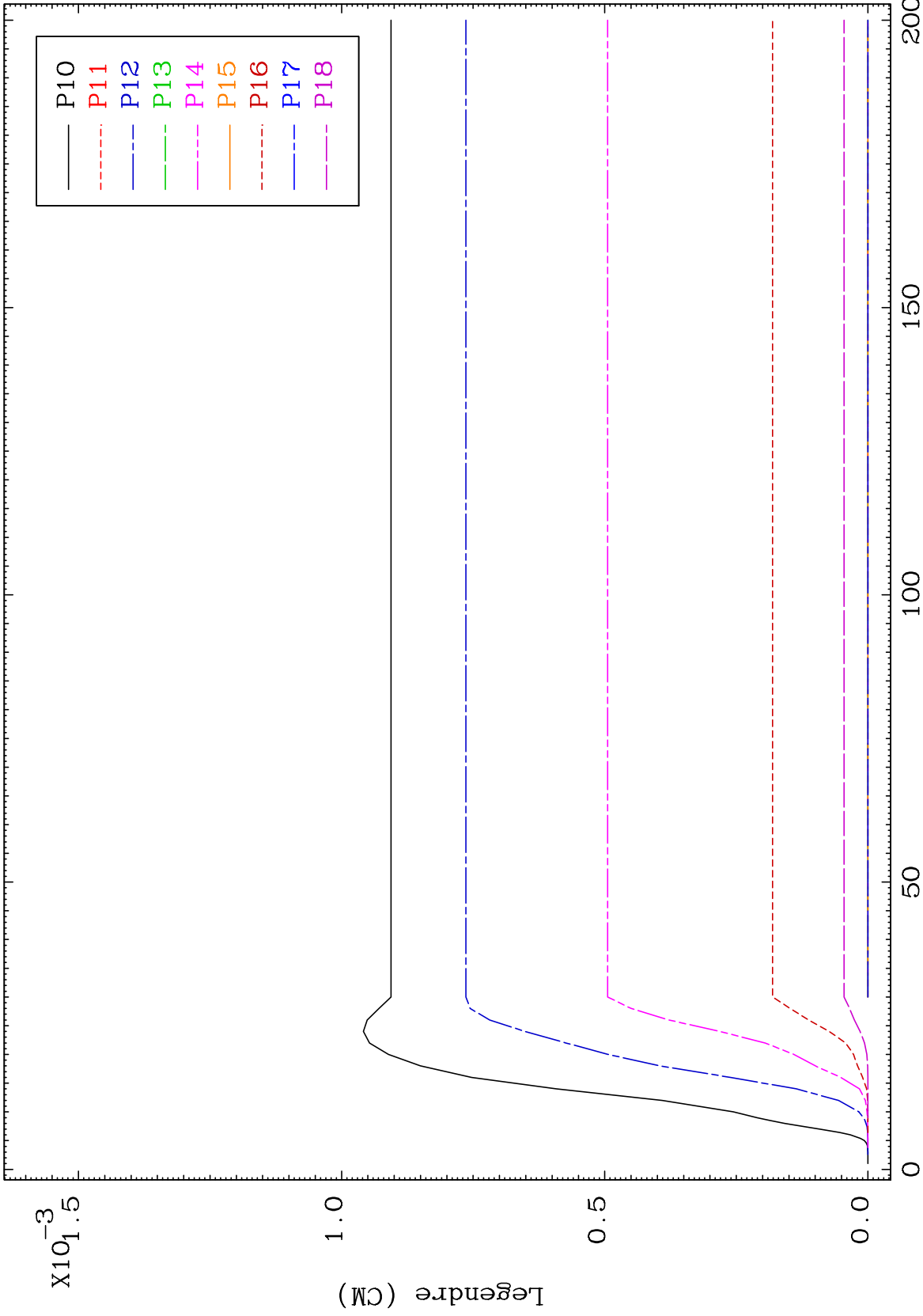
57-La-148

Incident Energy (MeV)

MAT 5755

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

57-La-148



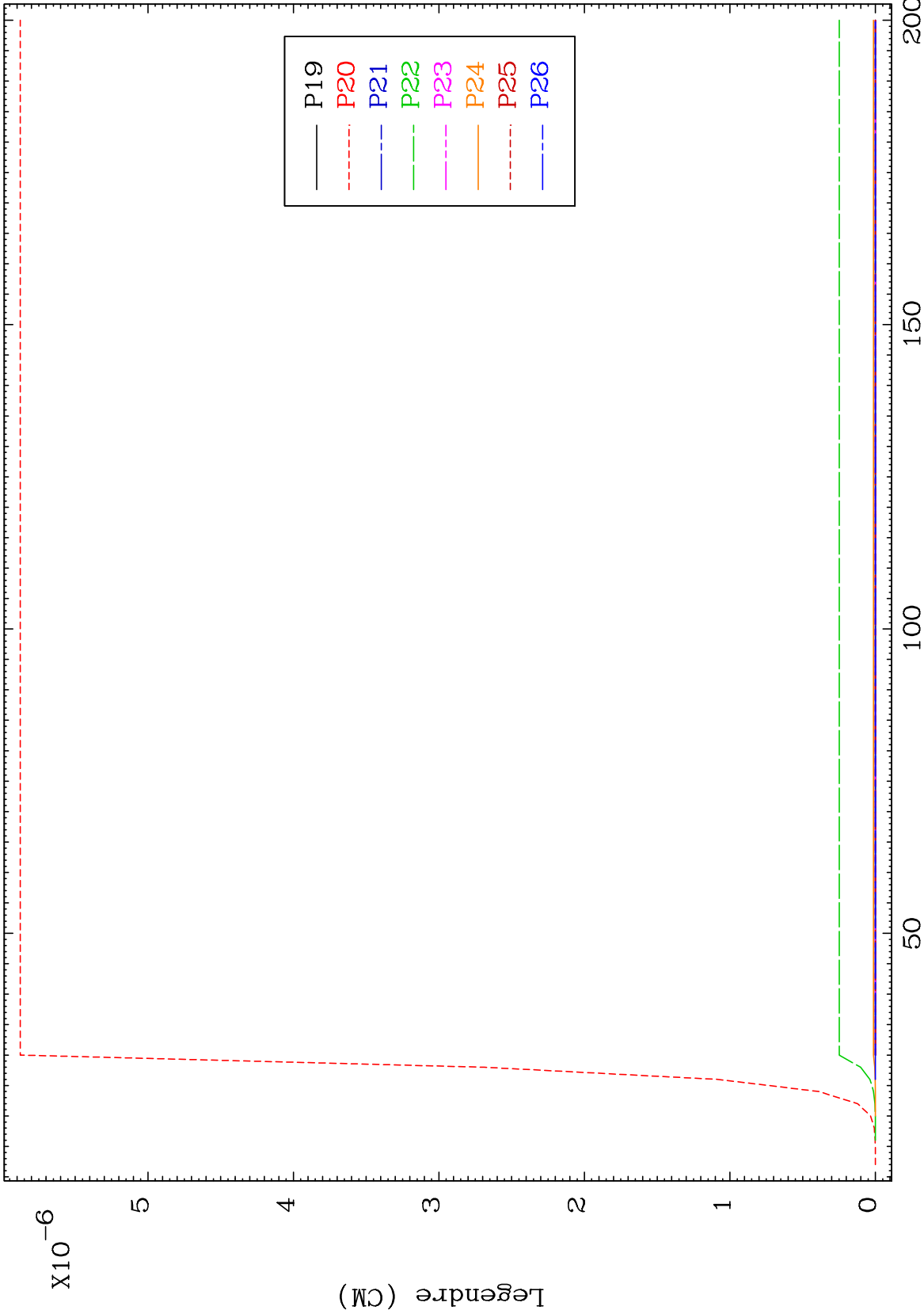
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57-La-148

MAT 5755

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

57-La-148



22

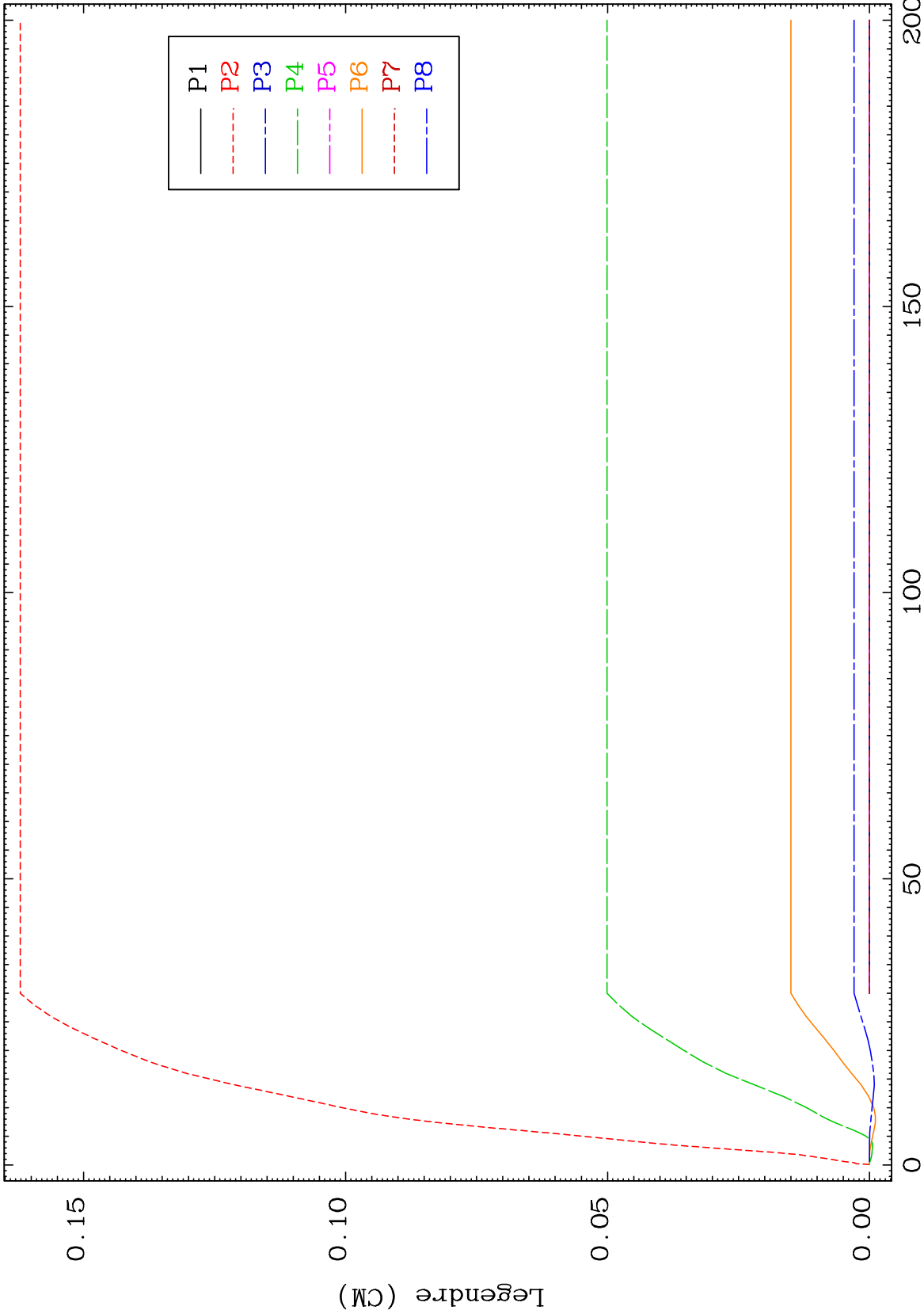
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



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Incident Energy (MeV)

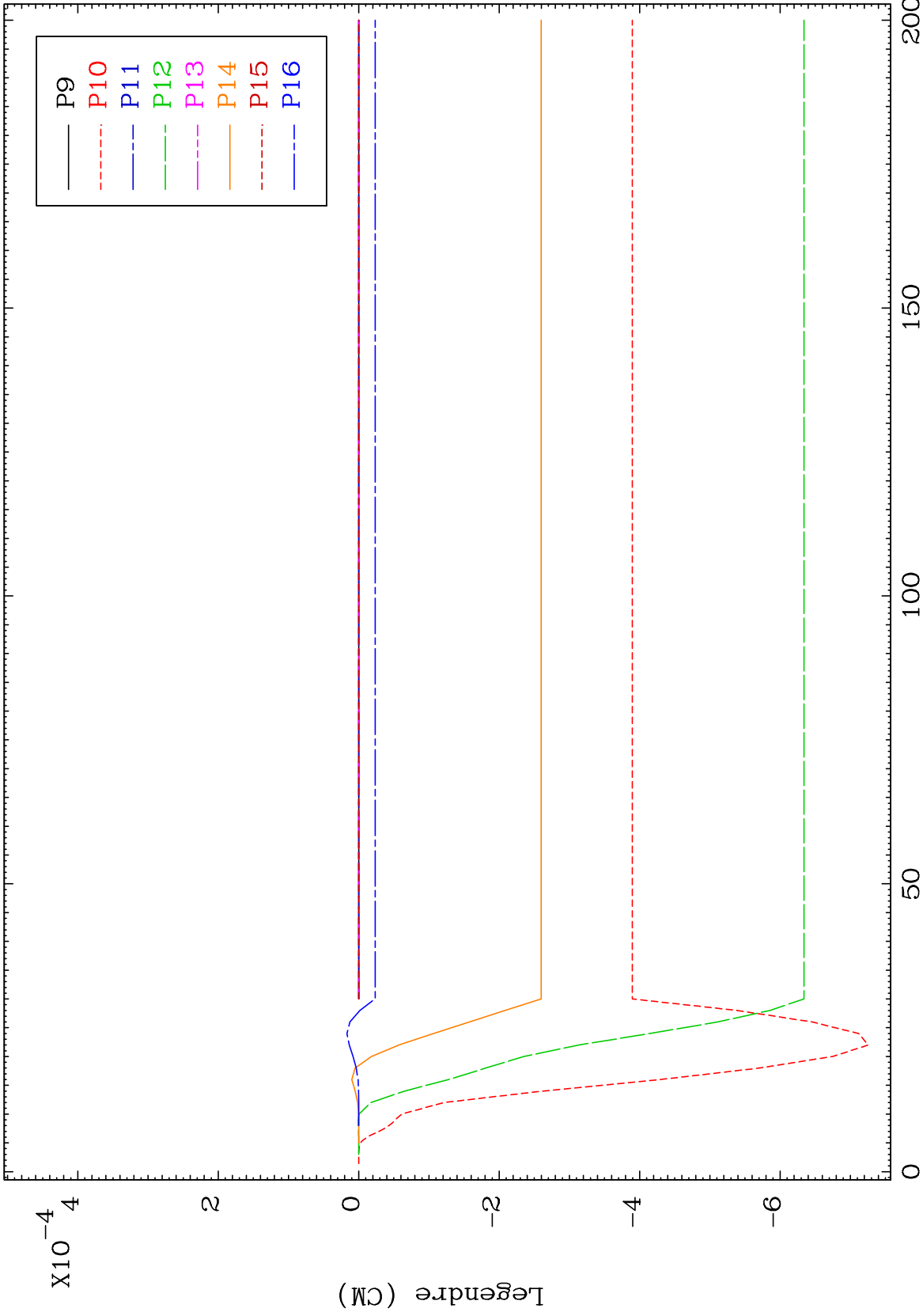
57-La-148



MAT 5755

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

57-La-148



24

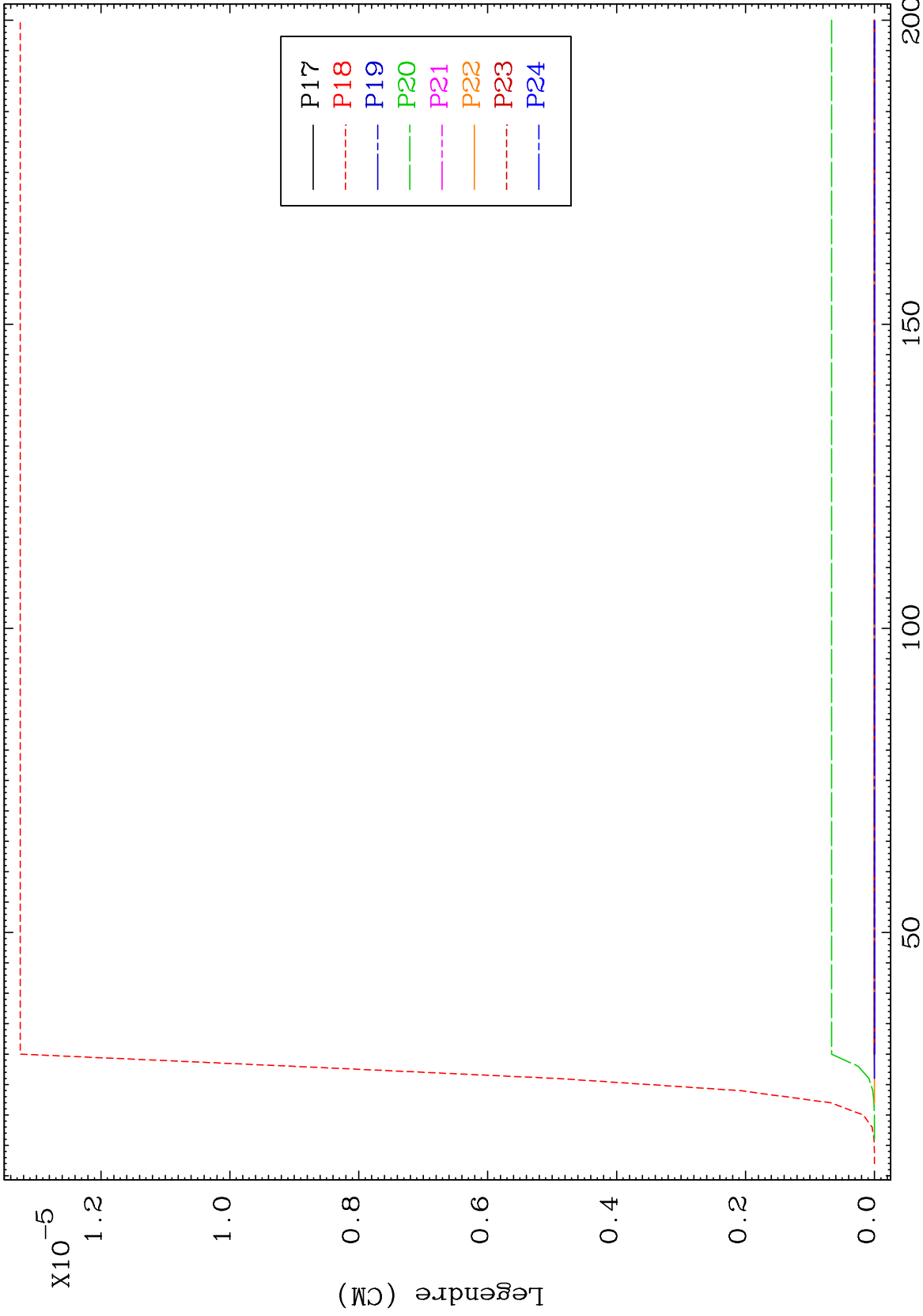
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



25

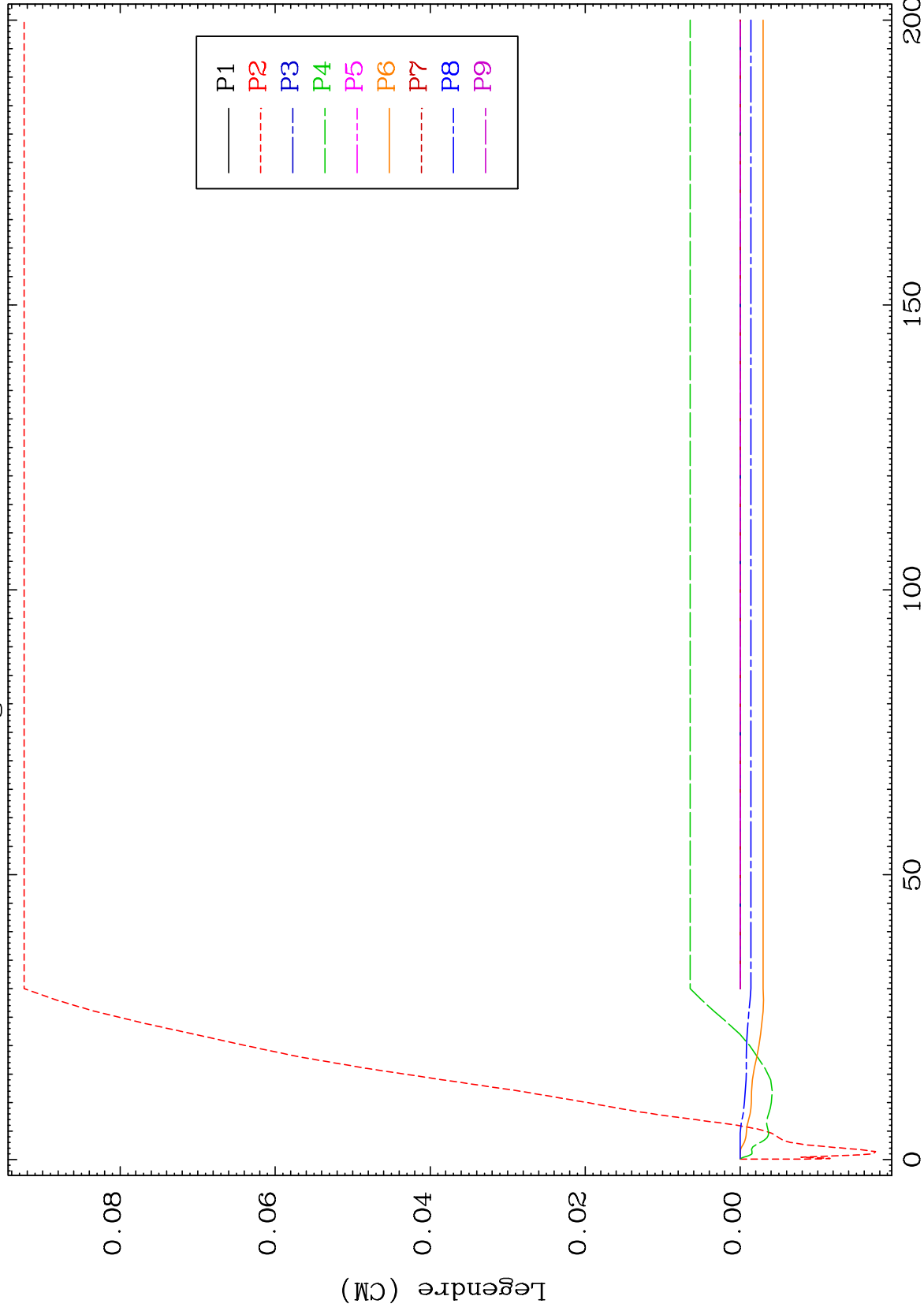
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



26

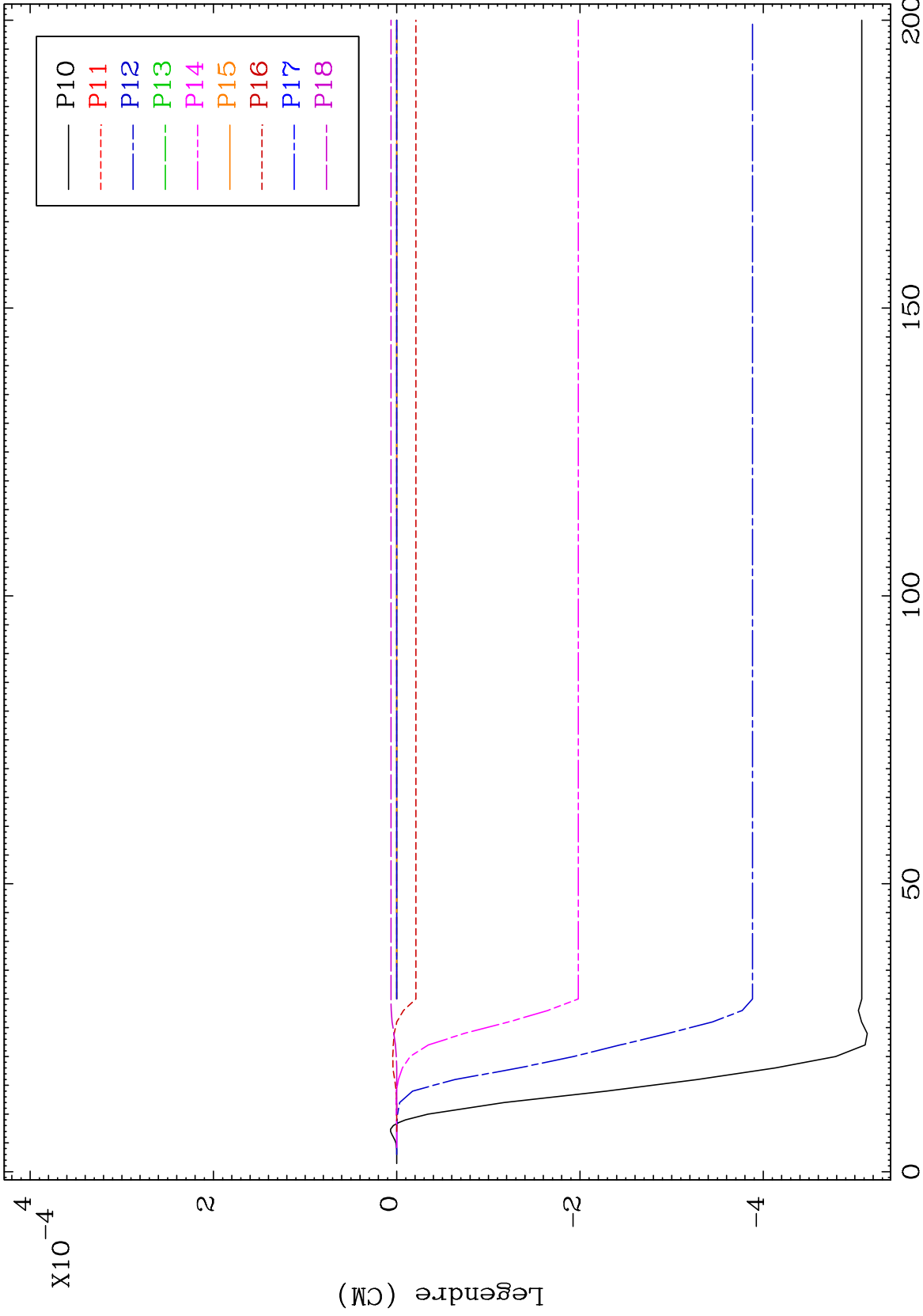
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



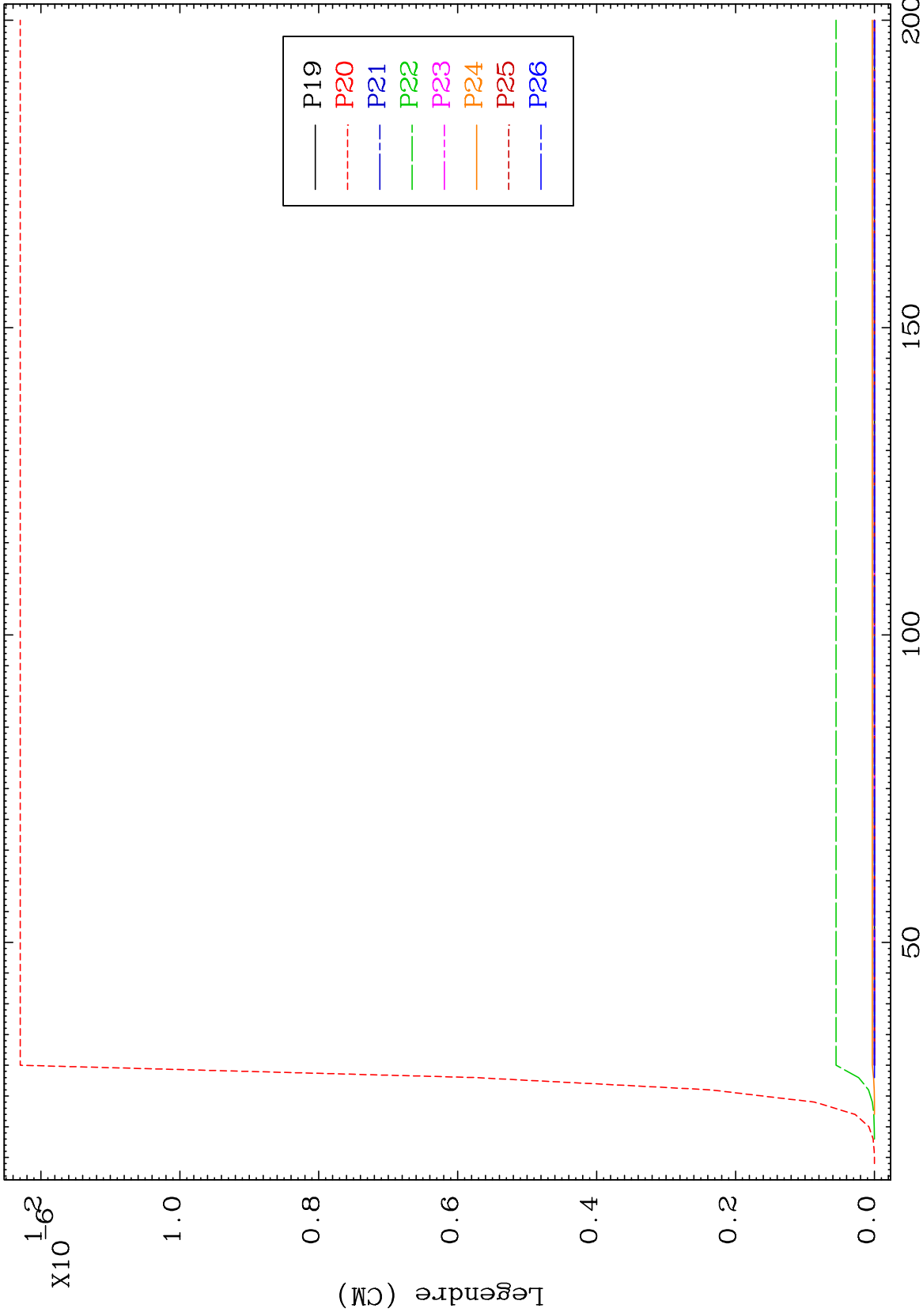
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57-La-148

MAT 5755

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

57-La-148



28

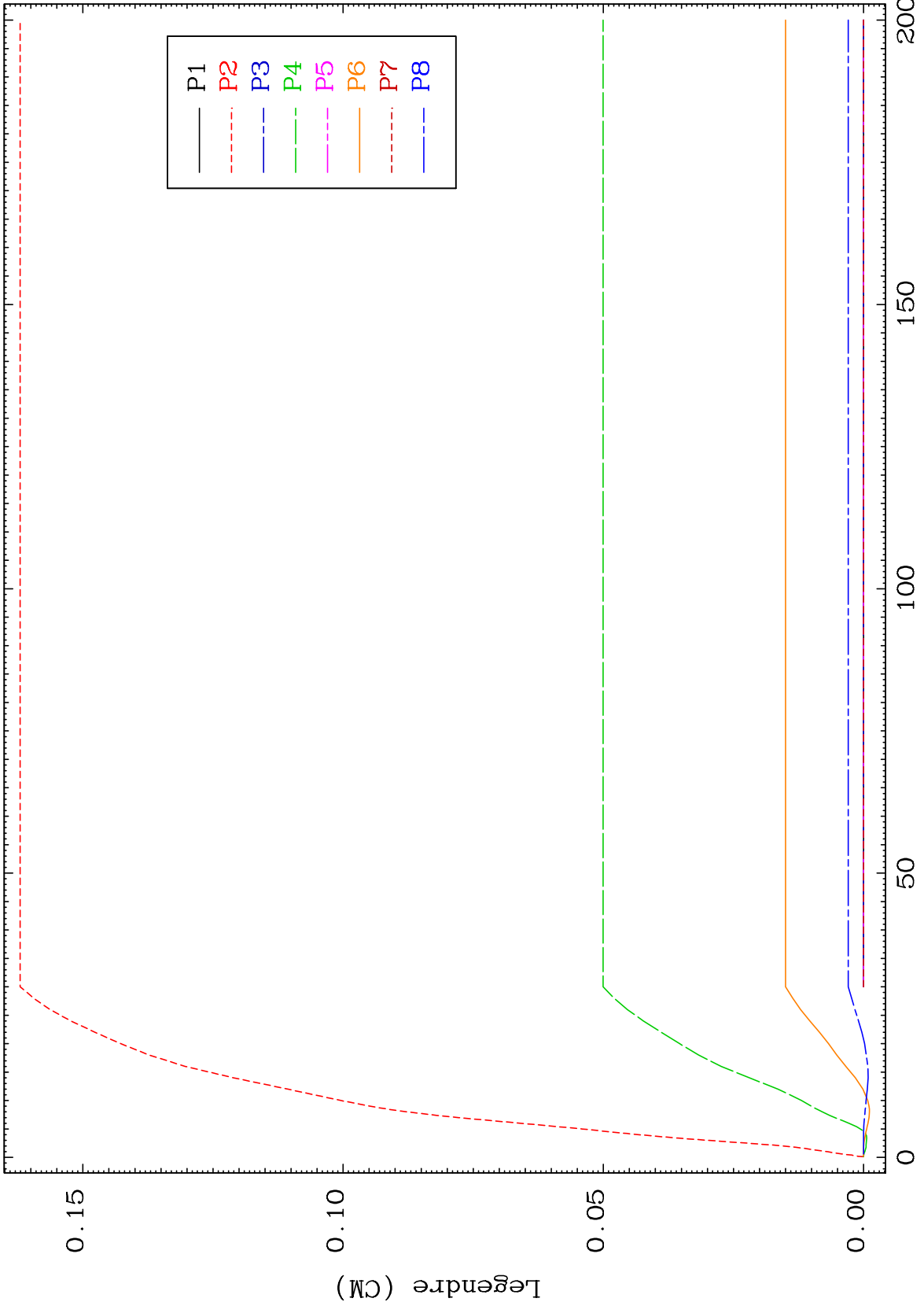
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



29

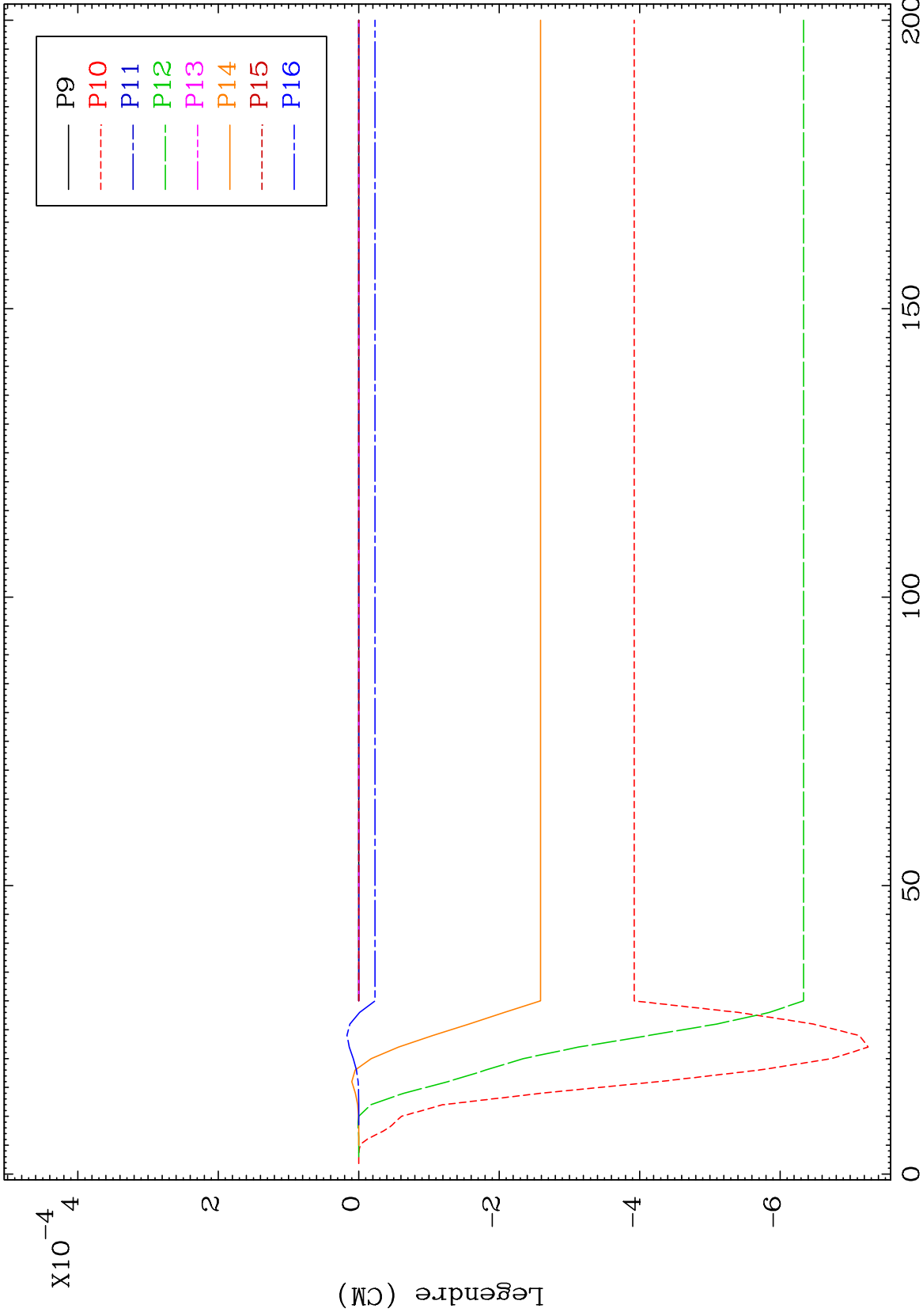
Incident Energy (MeV)

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MAT 5755

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

57-La-148



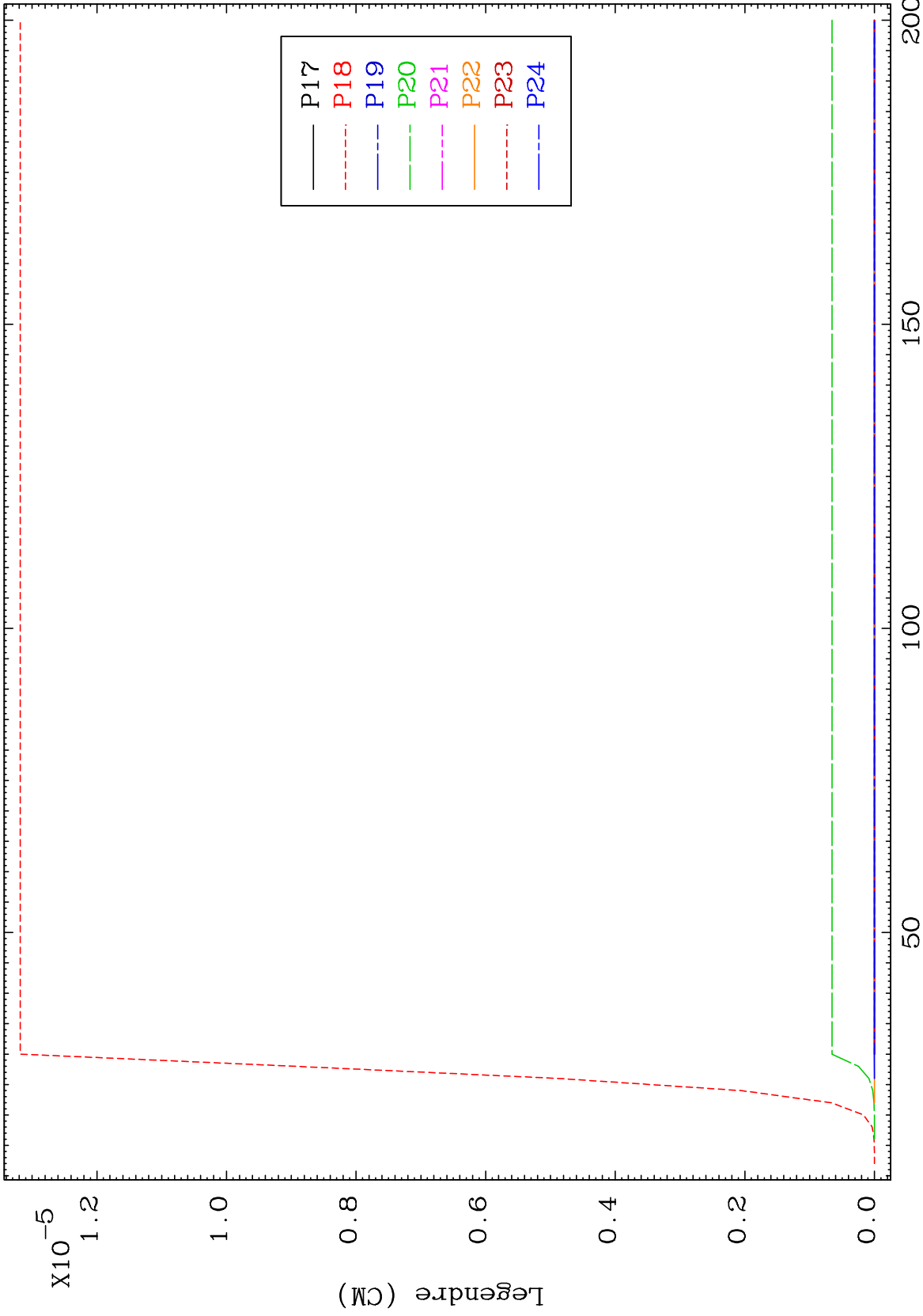
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Incident Energy (MeV)

MAT 5755

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

57-La-148



31

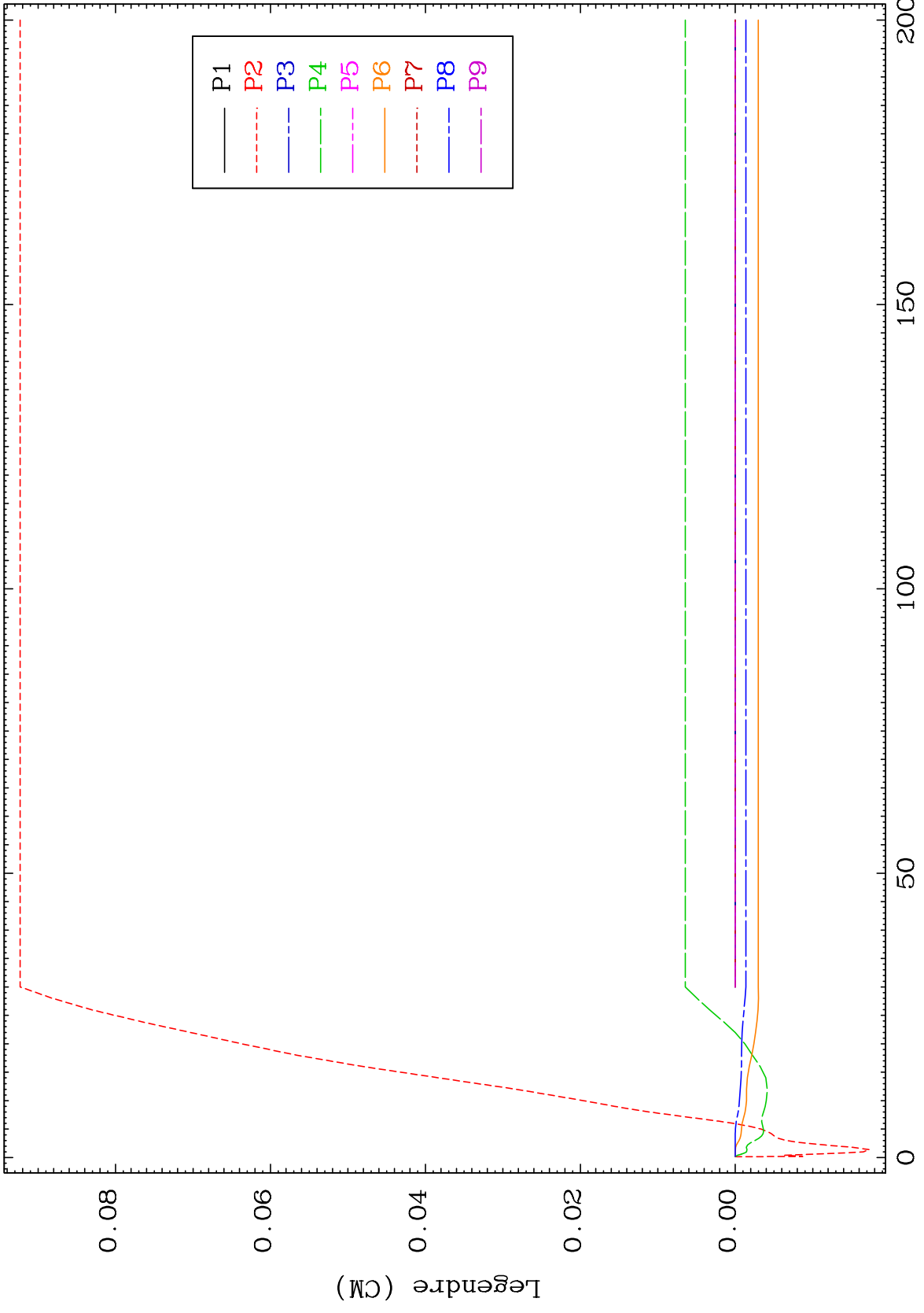
57-La-148



MAT 5755

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

57-La-148



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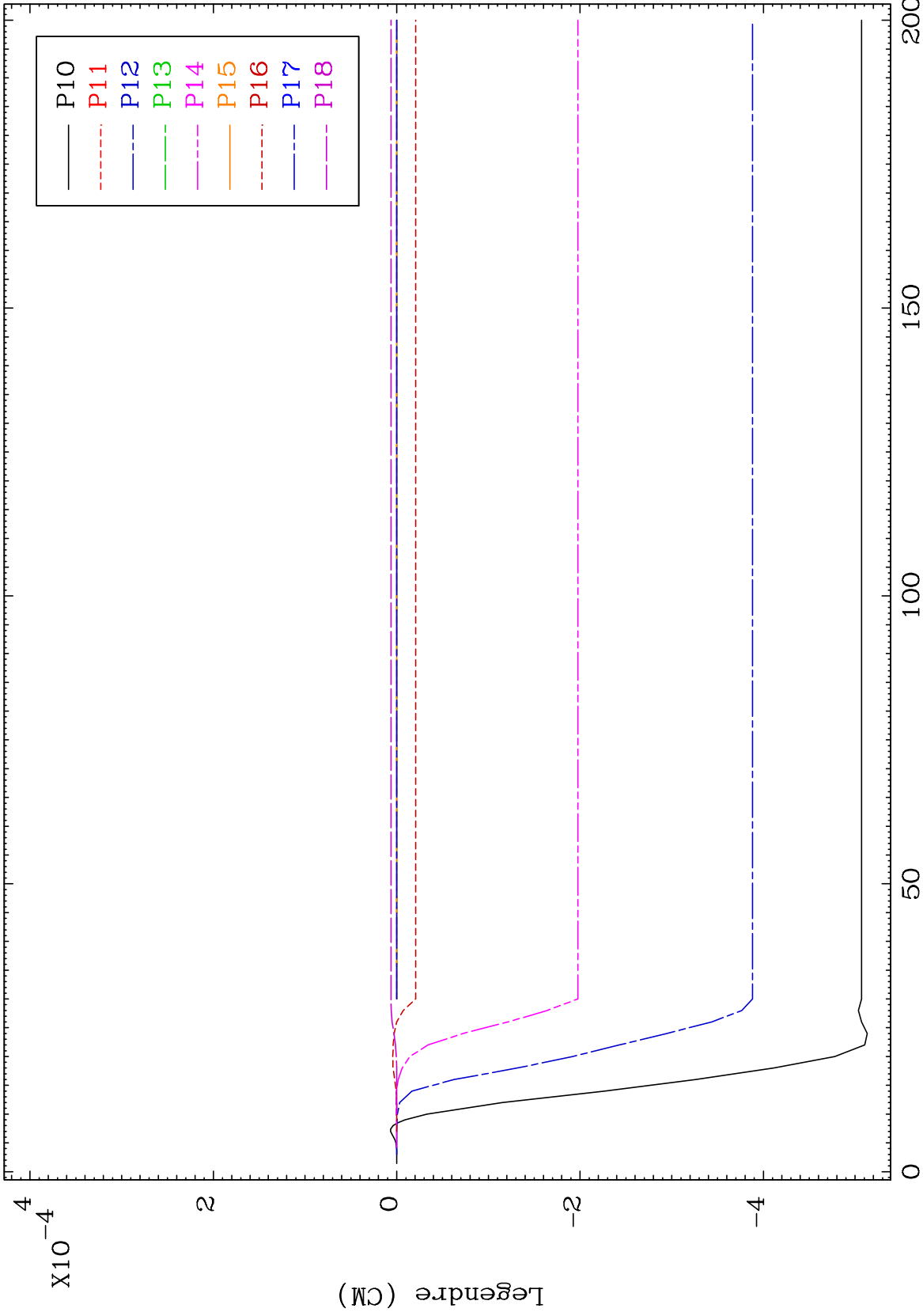
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



33

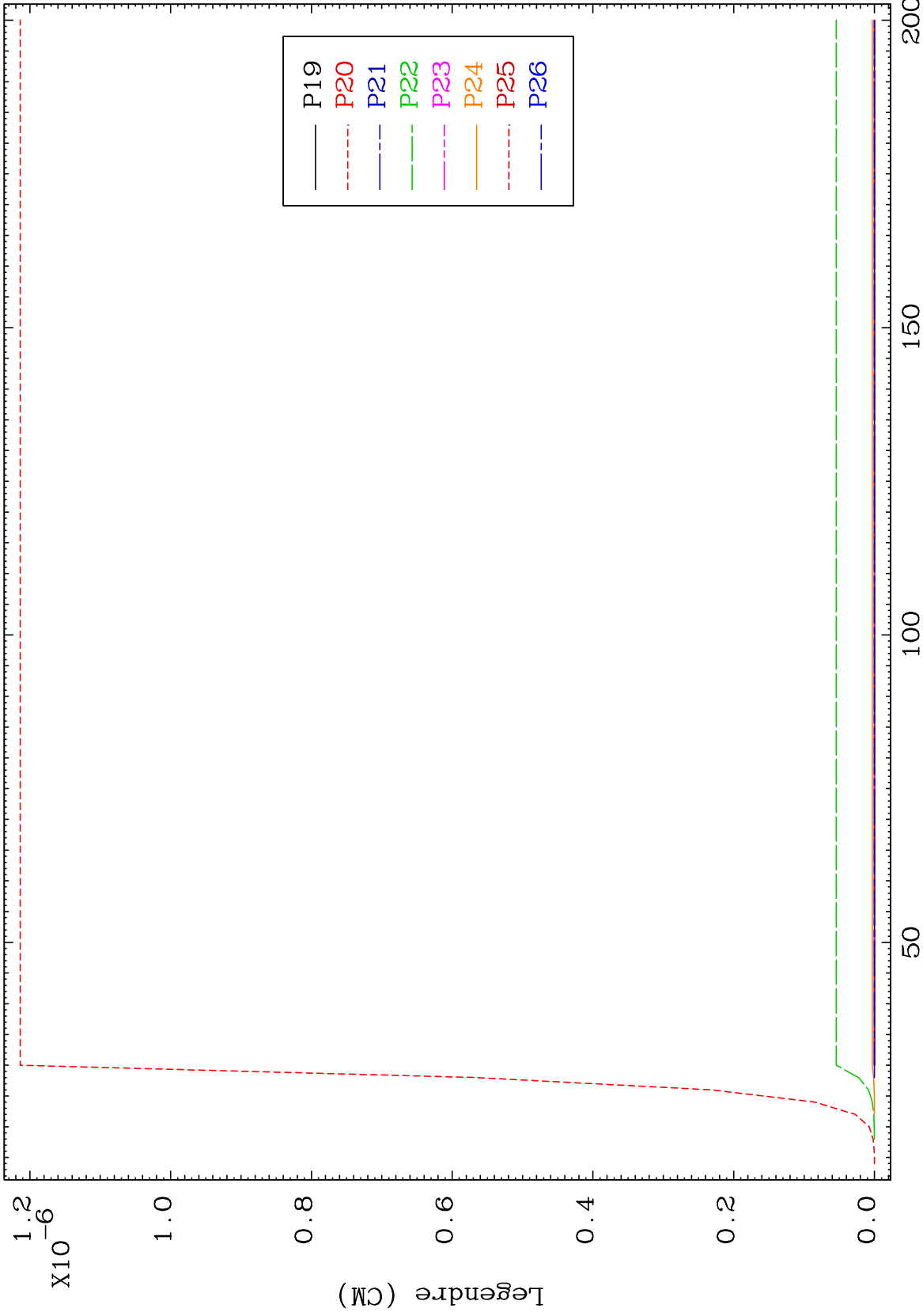
Incident Energy (MeV)

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MAT 5755

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

57-La-148



34

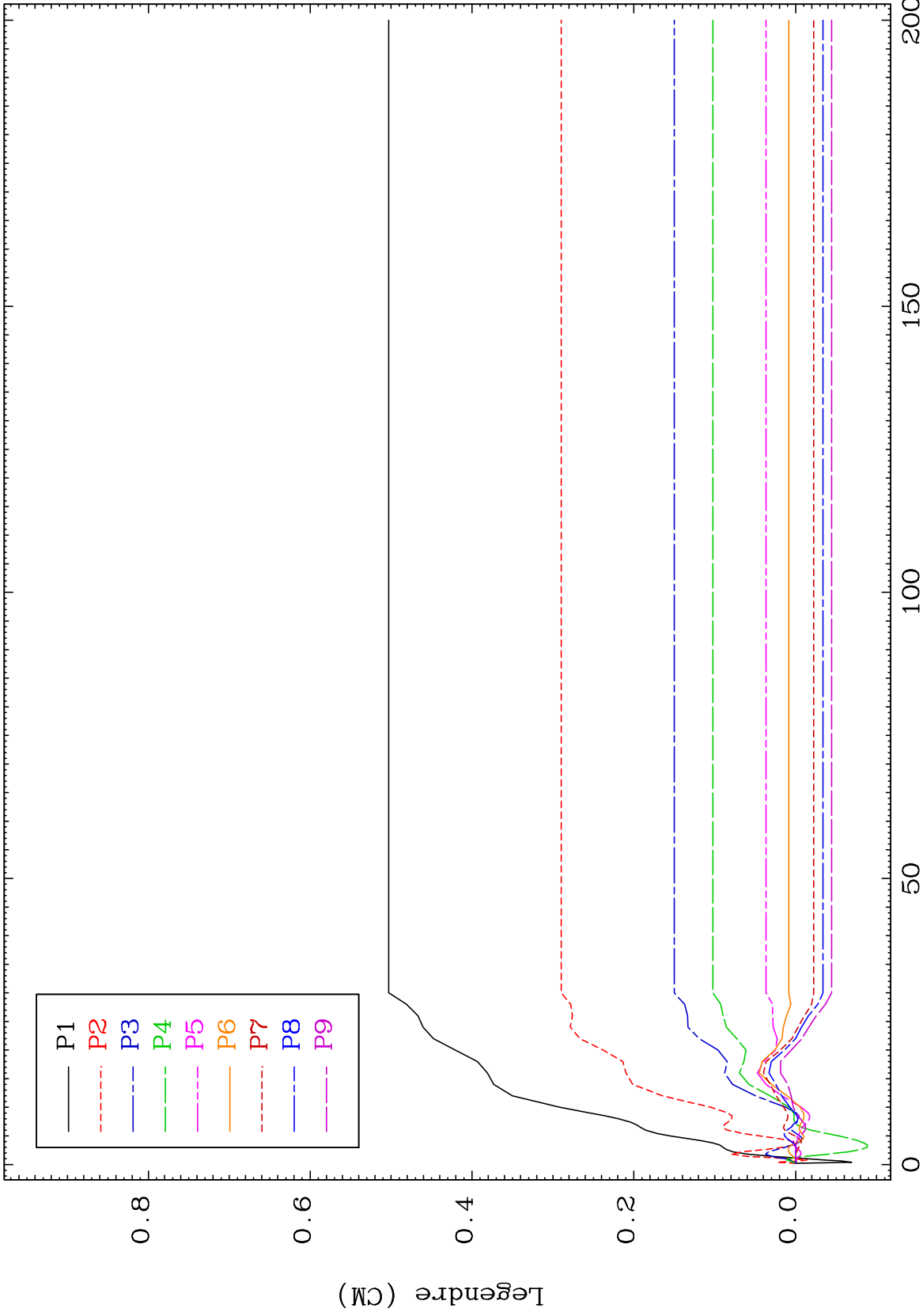
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



57-La-148

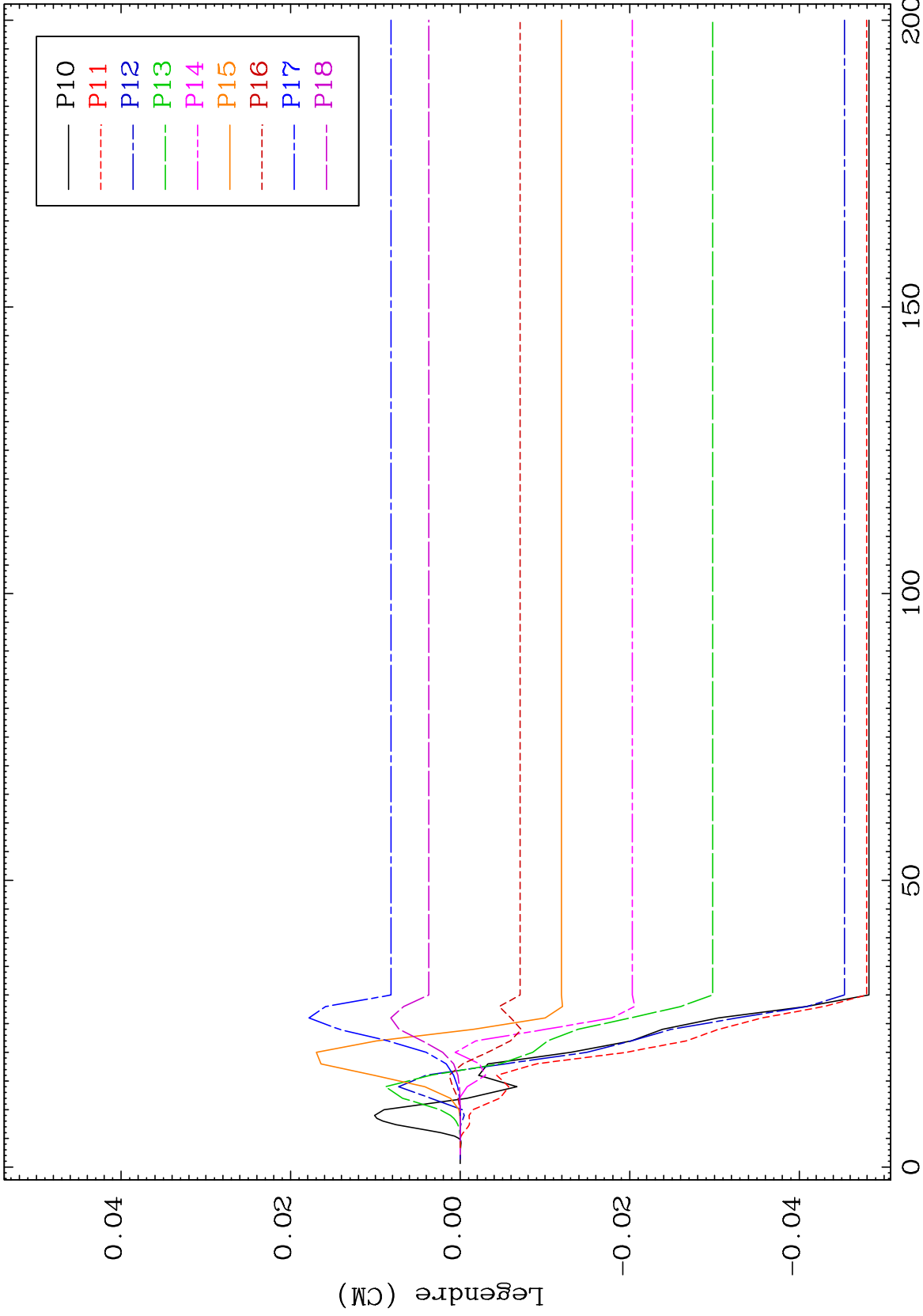
Incident Energy (MeV)

35

MAT 5755

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

57-La-148



36

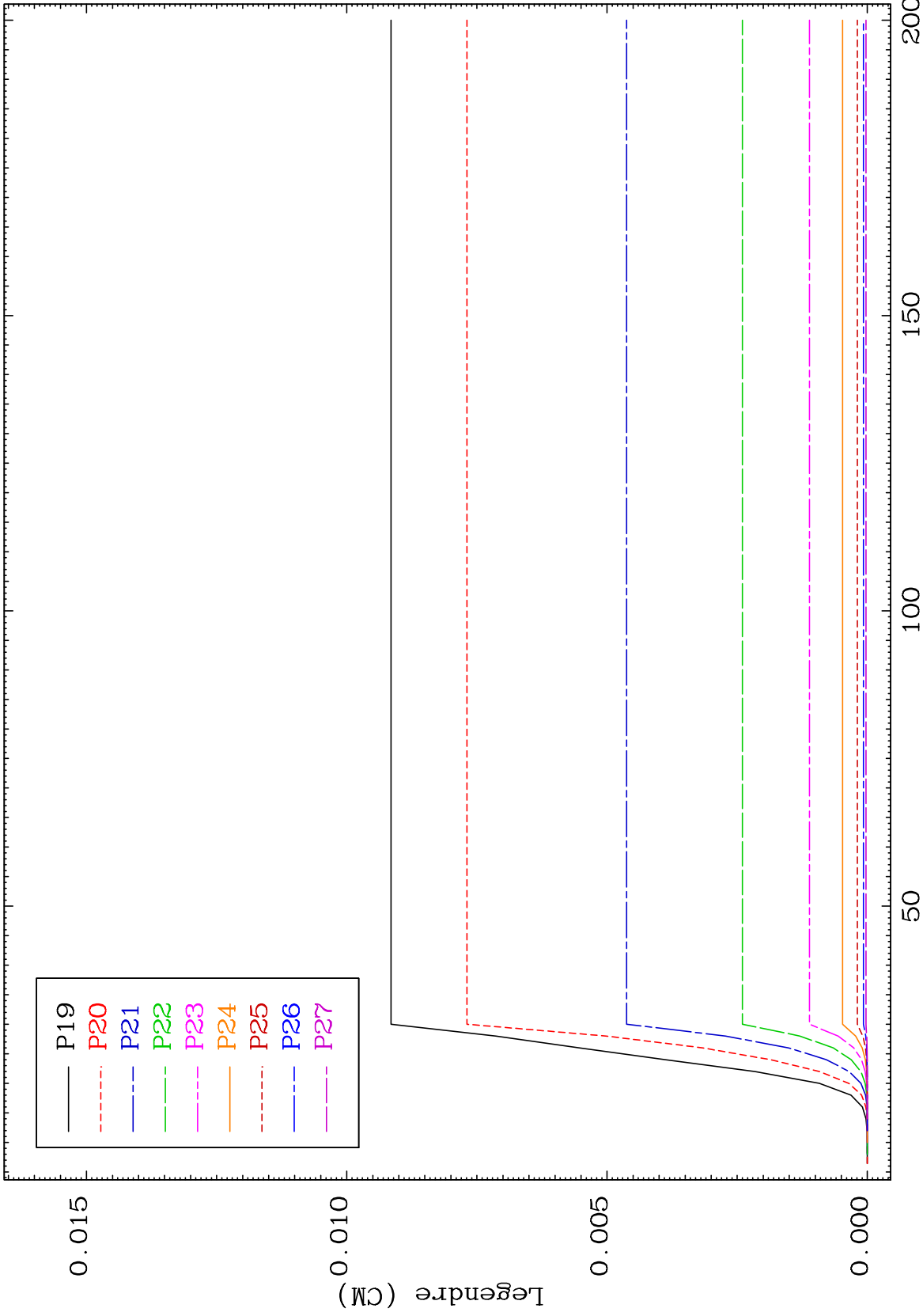
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



37

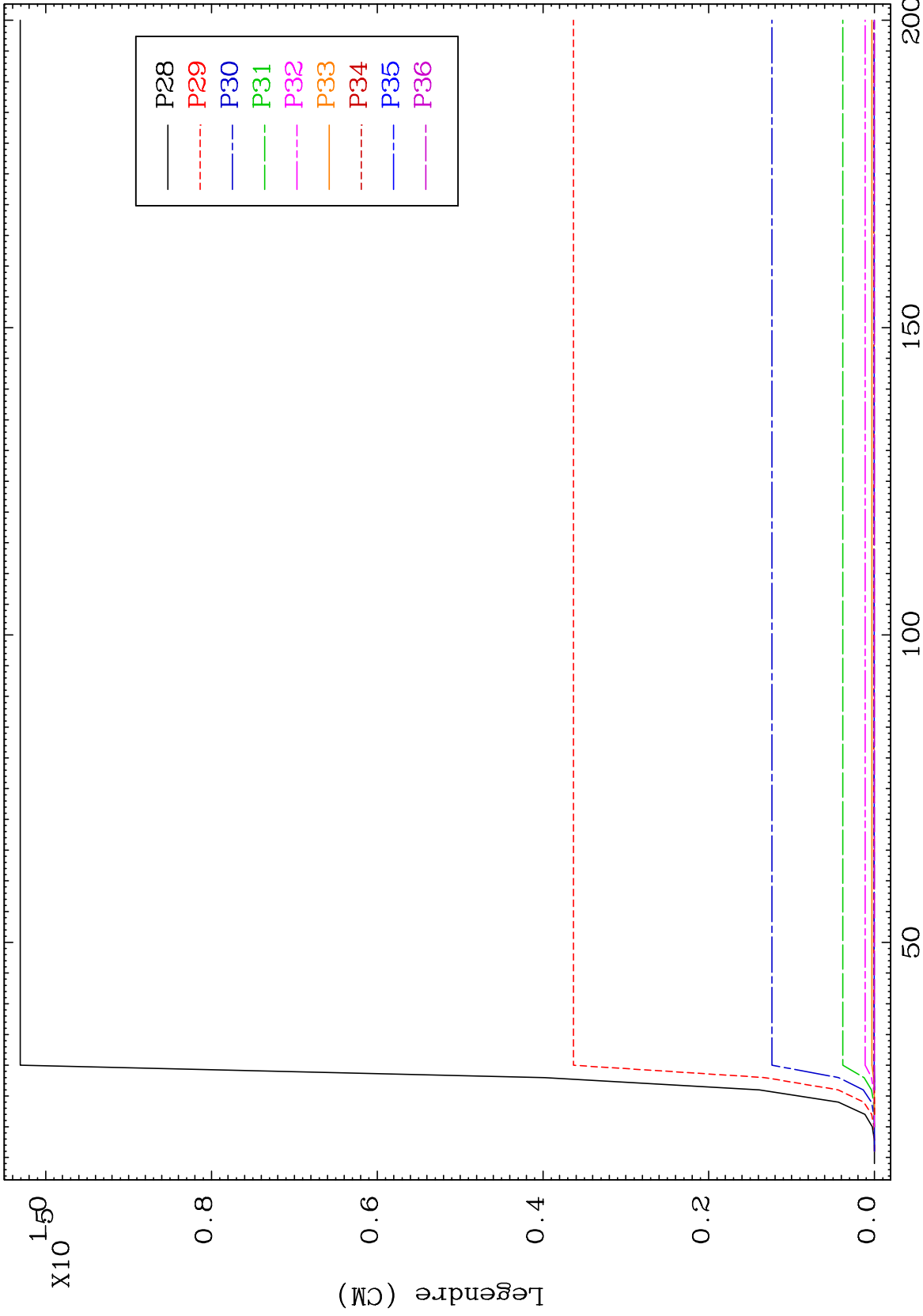
57-La-148

200

MAT 5755

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

57-La-148



38

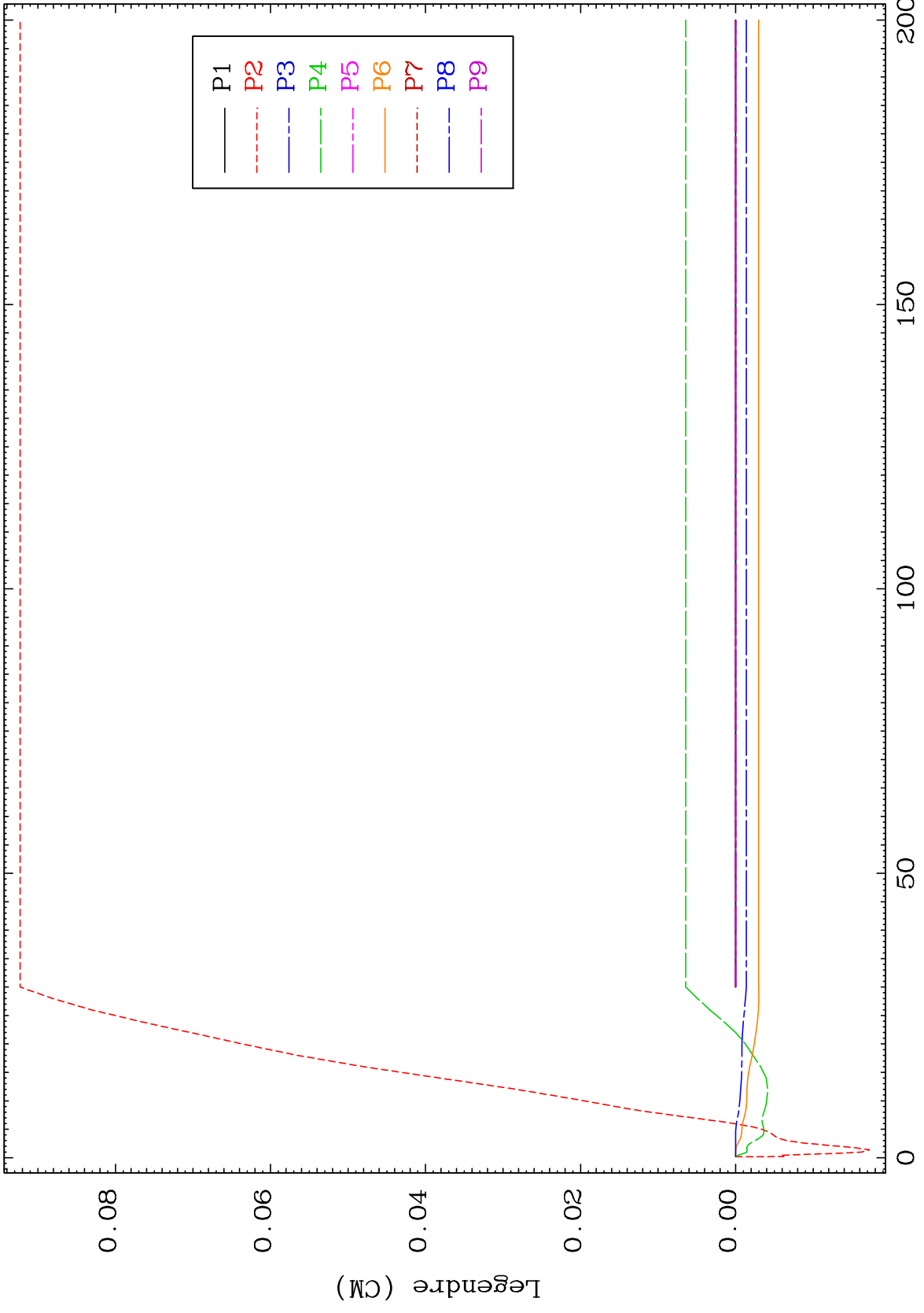
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



39

Incident Energy (MeV)

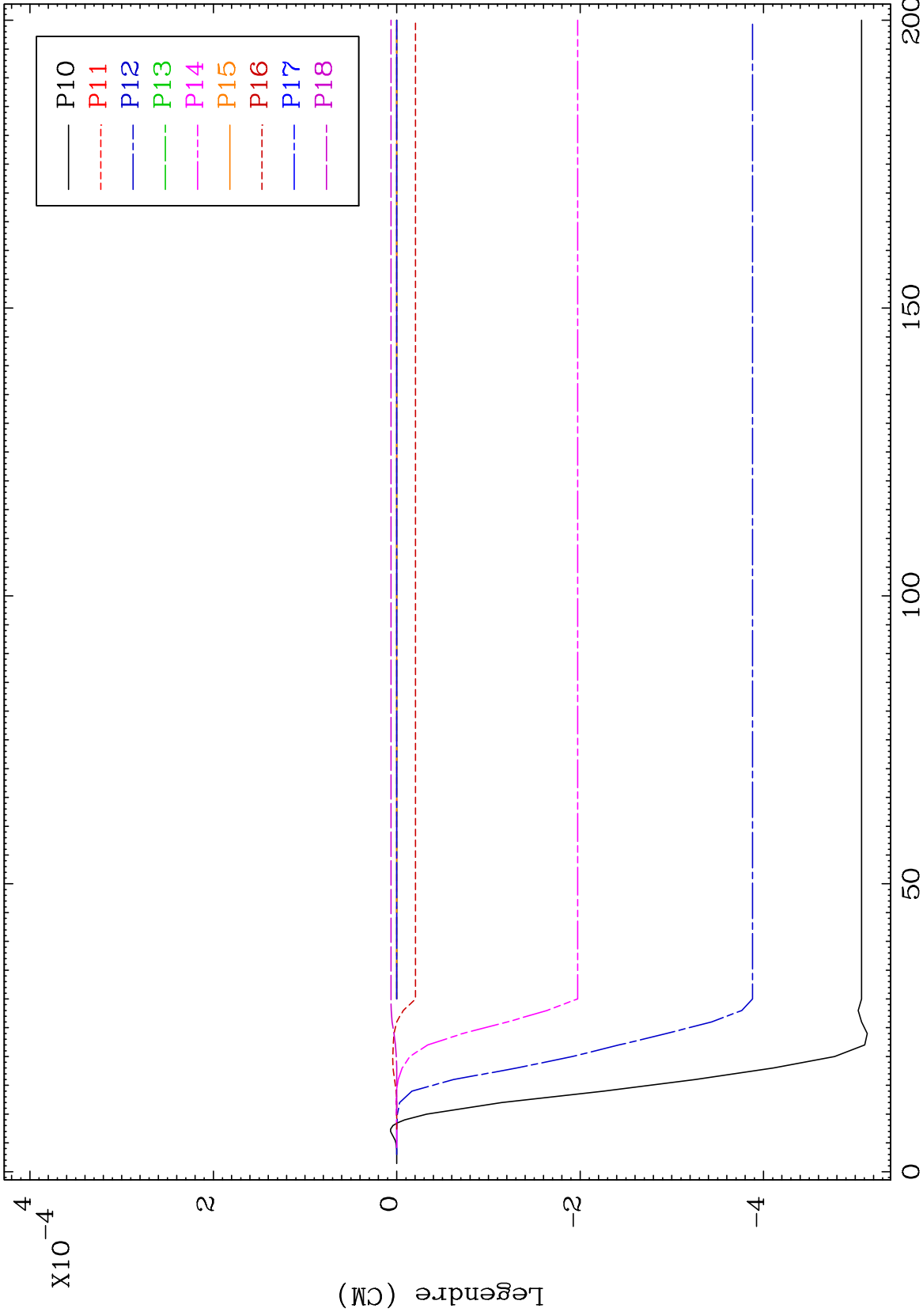
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MAT 5755

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

57-La-148



40

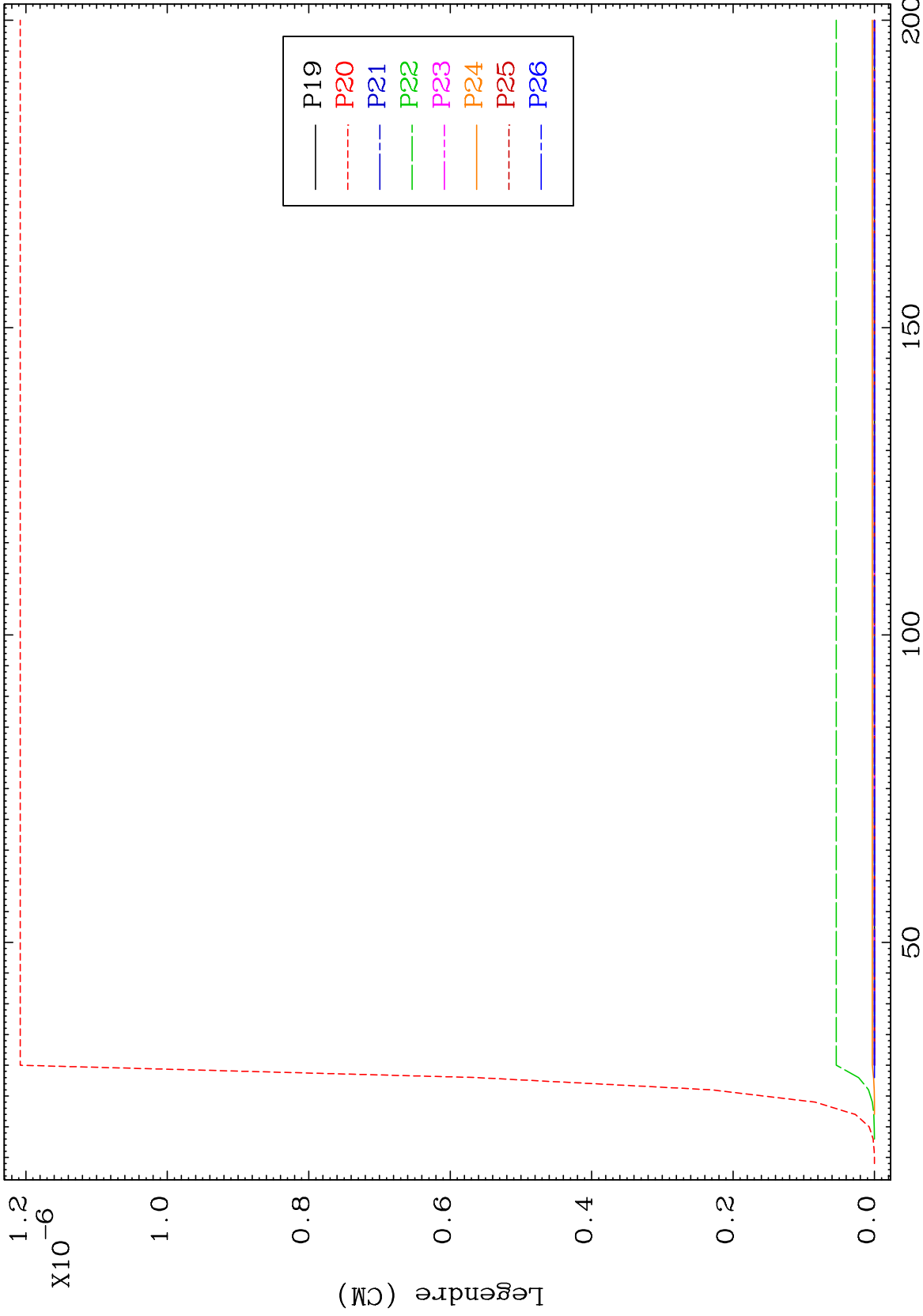
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



41

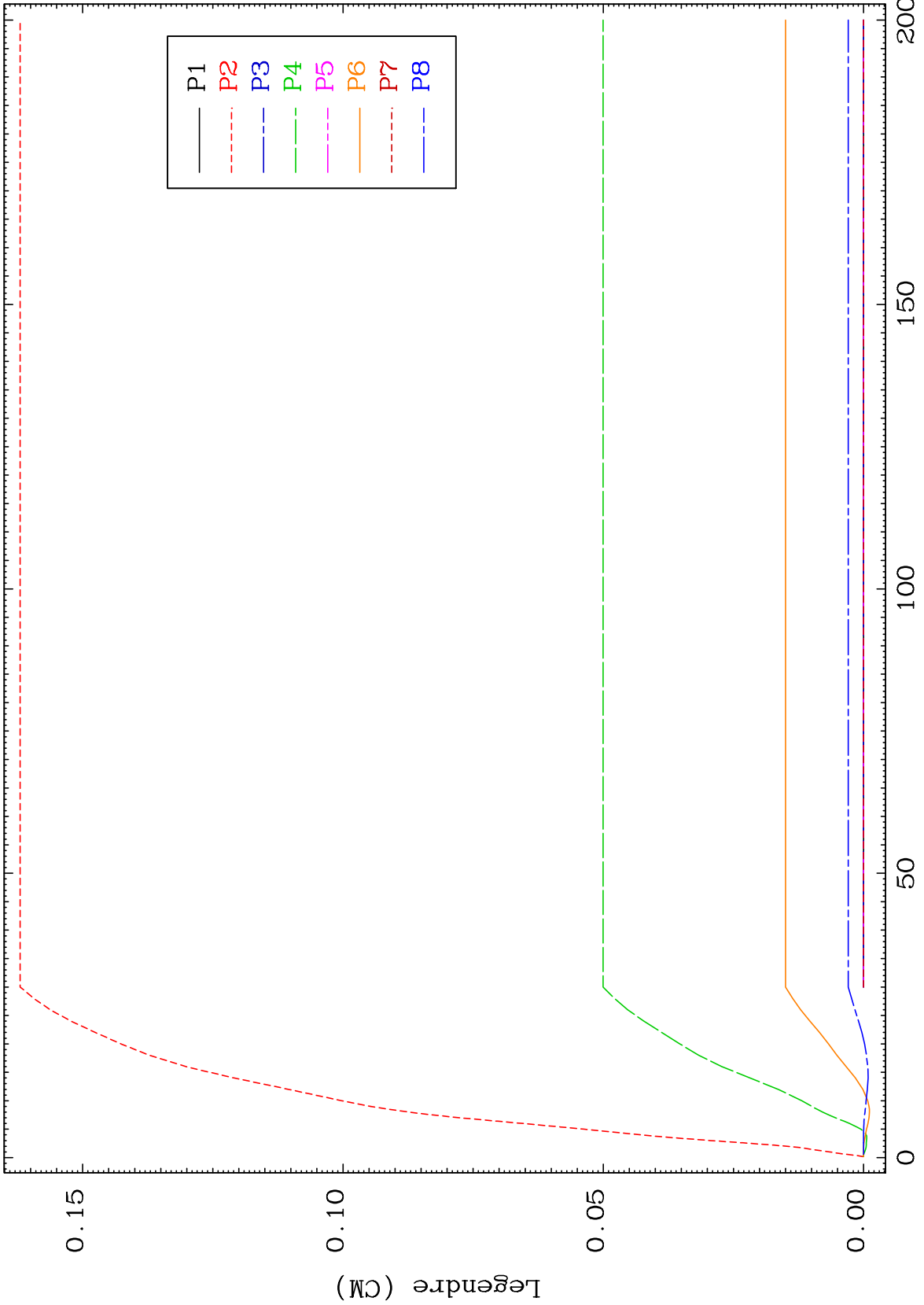
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



42

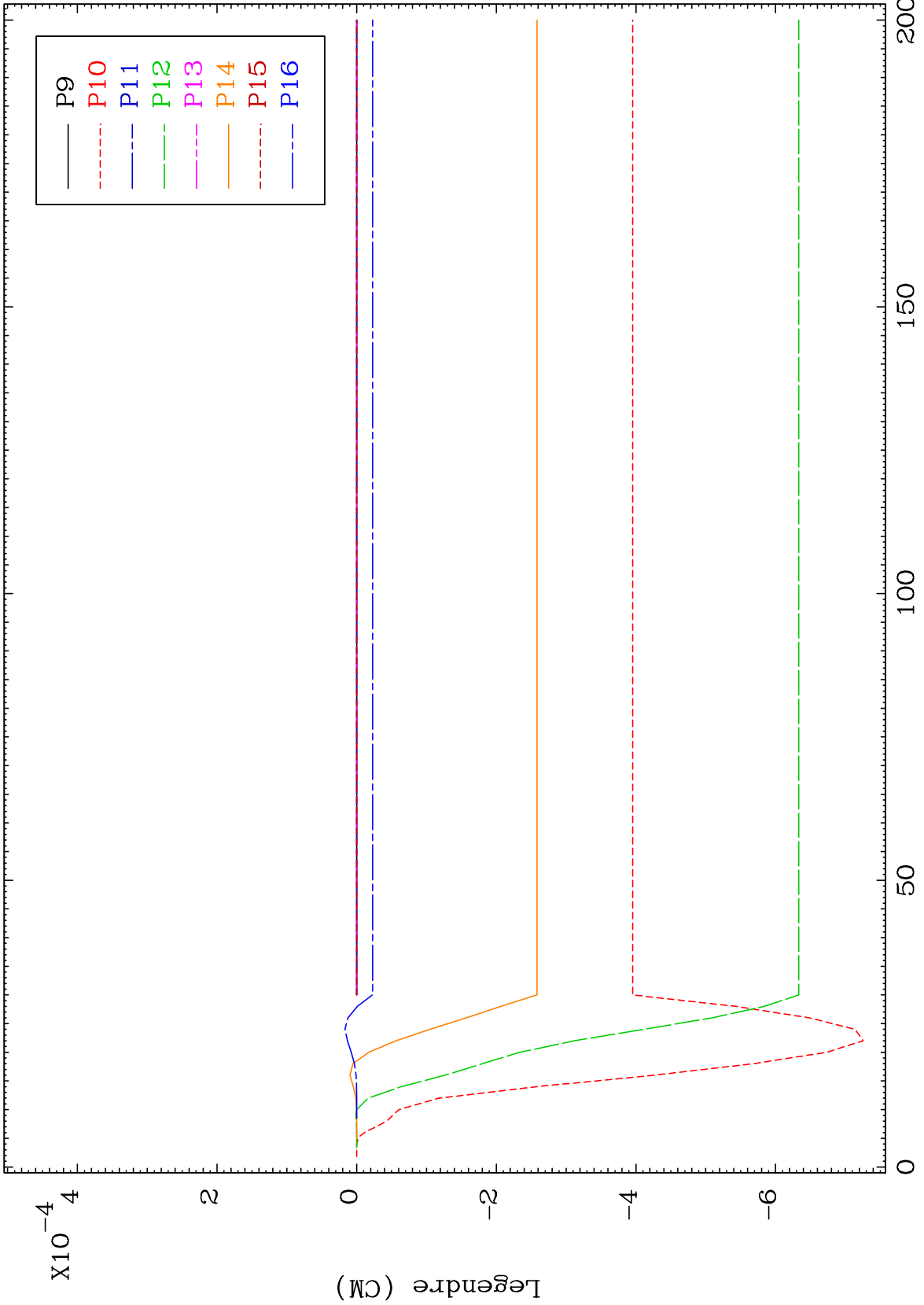
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



43

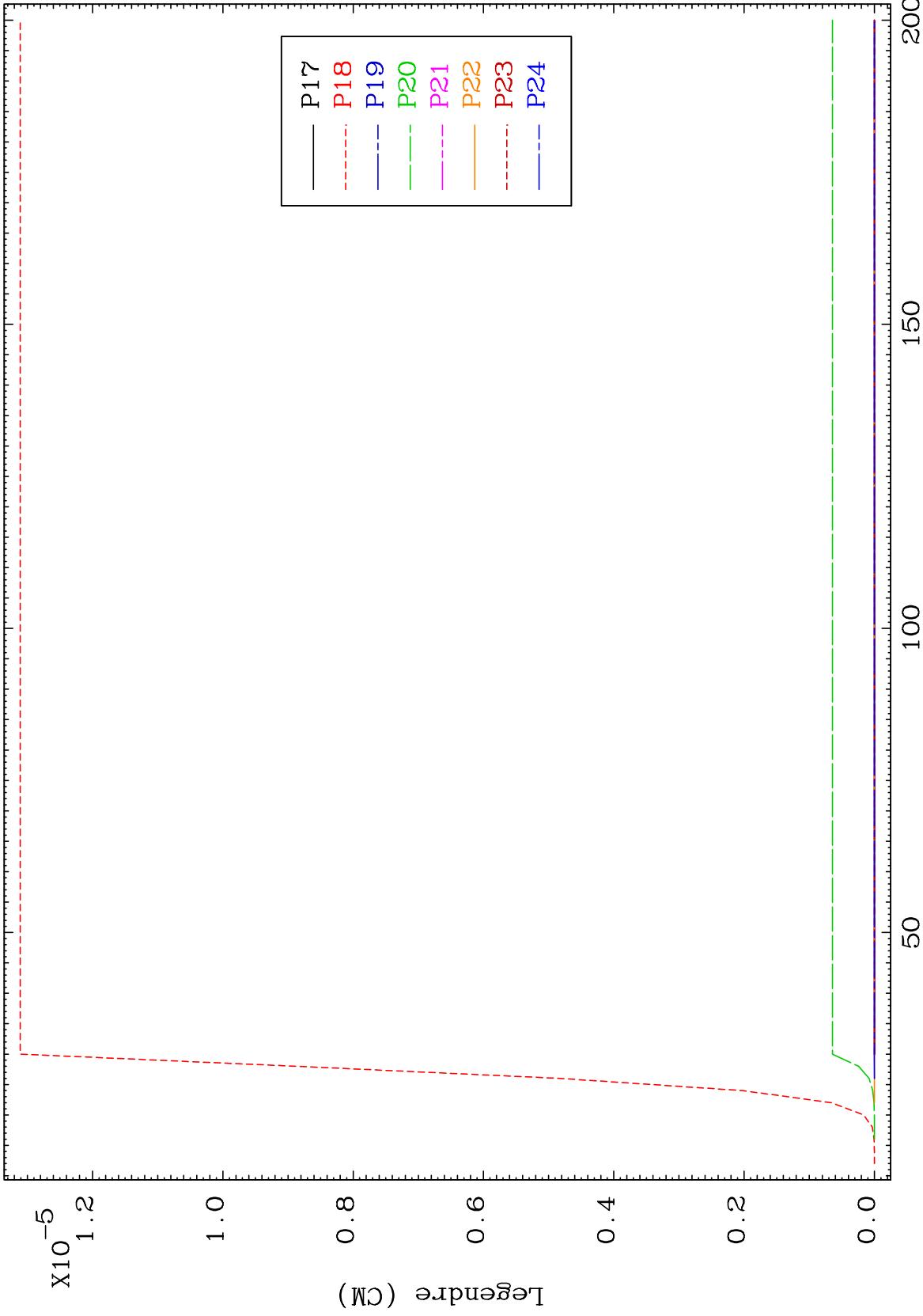
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148

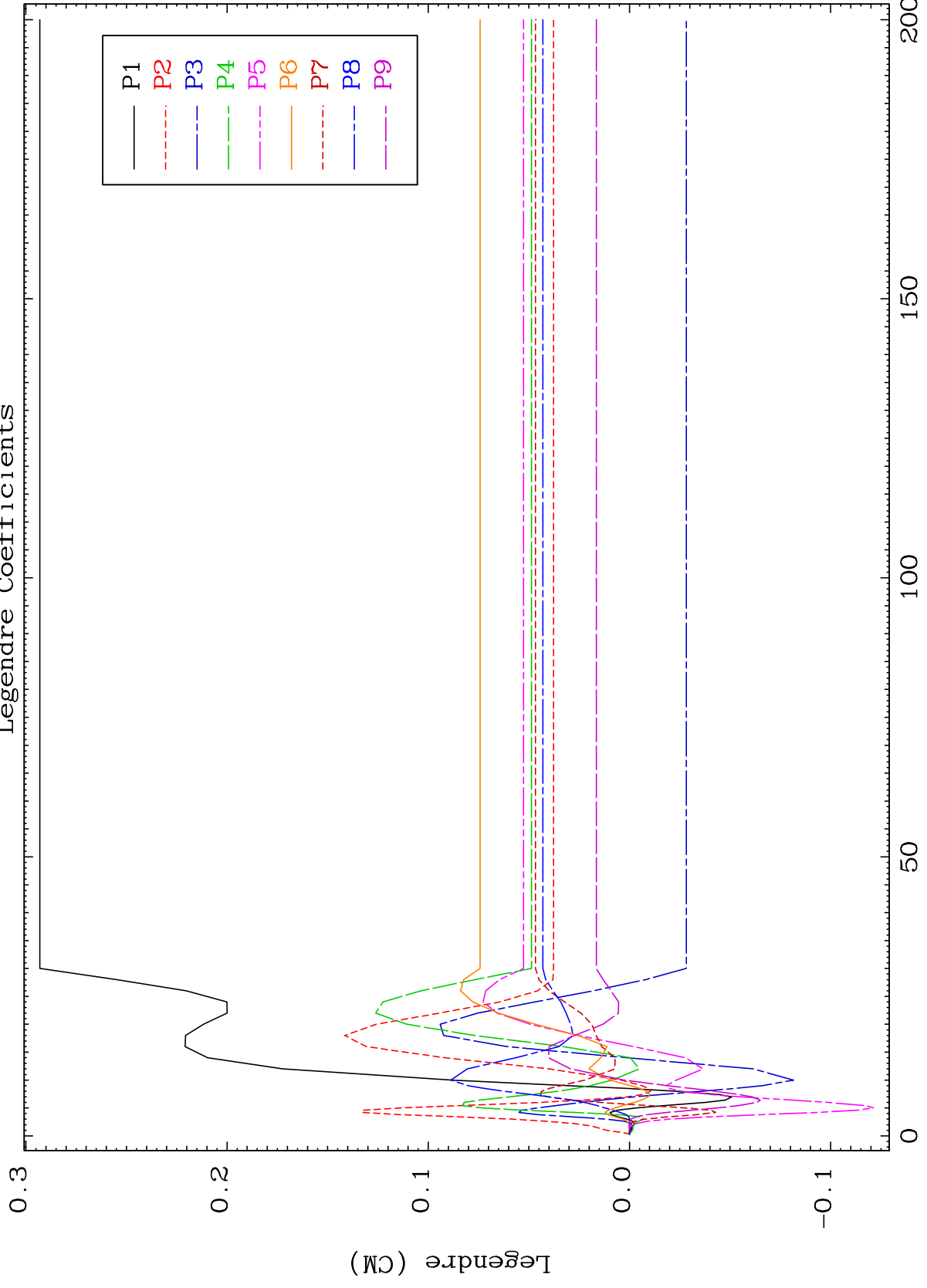


44

Incident Energy (MeV)

57-La-148

MAT 5755 MT= 59 (n,n') Level Legendre Coefficients 57-La-148

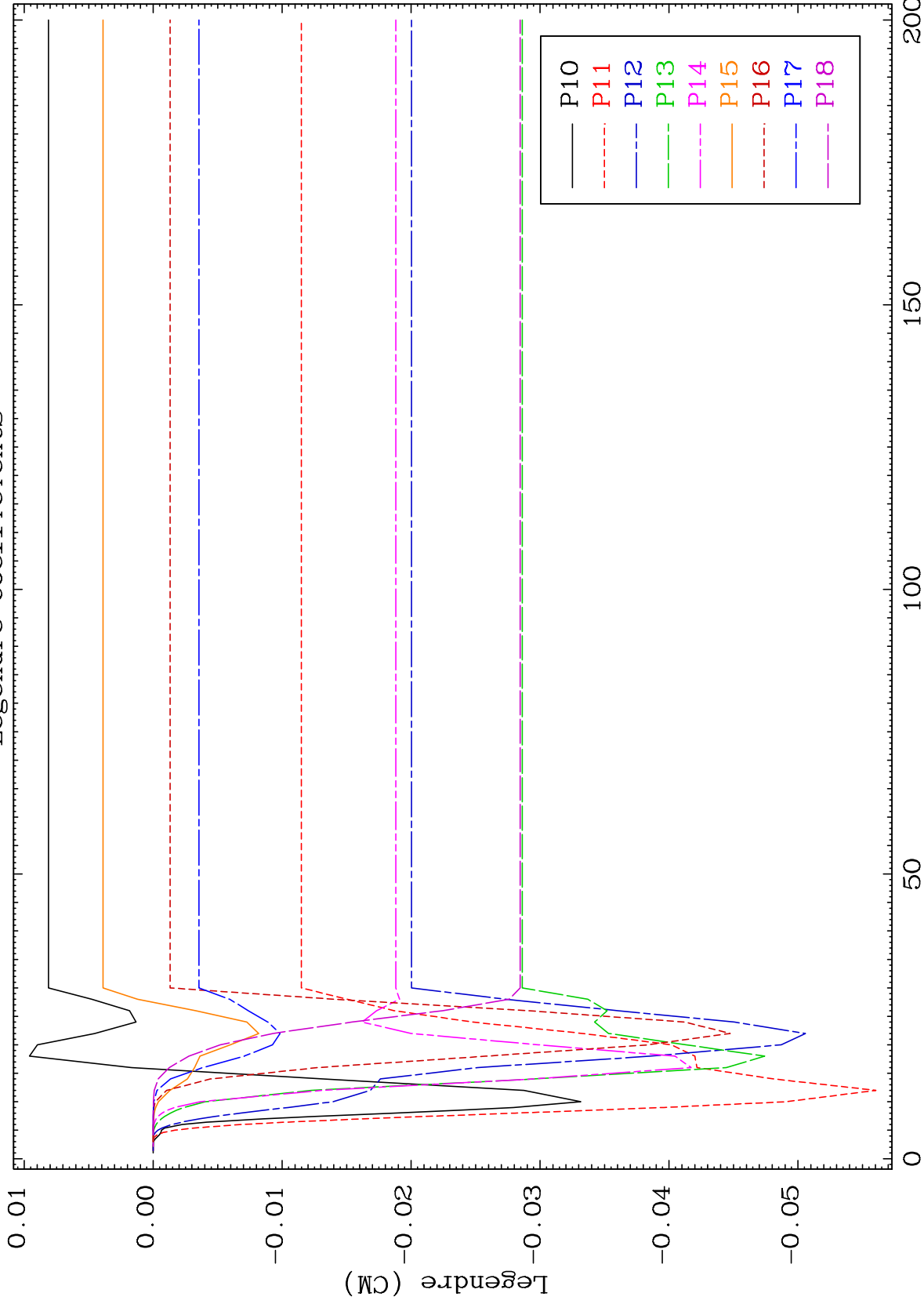


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MAT 5755

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

57-La-148



46

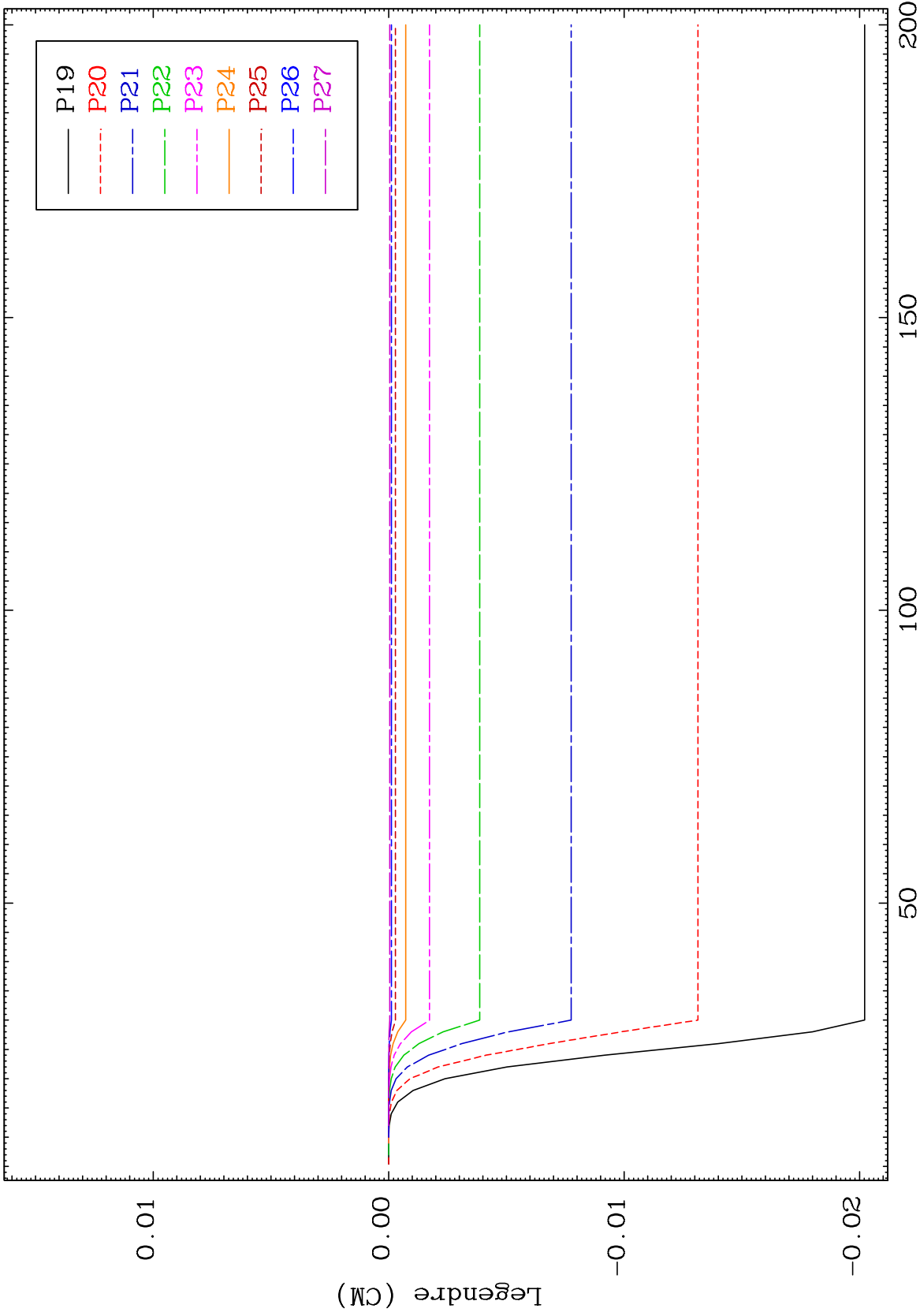
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



47

Incident Energy (MeV)

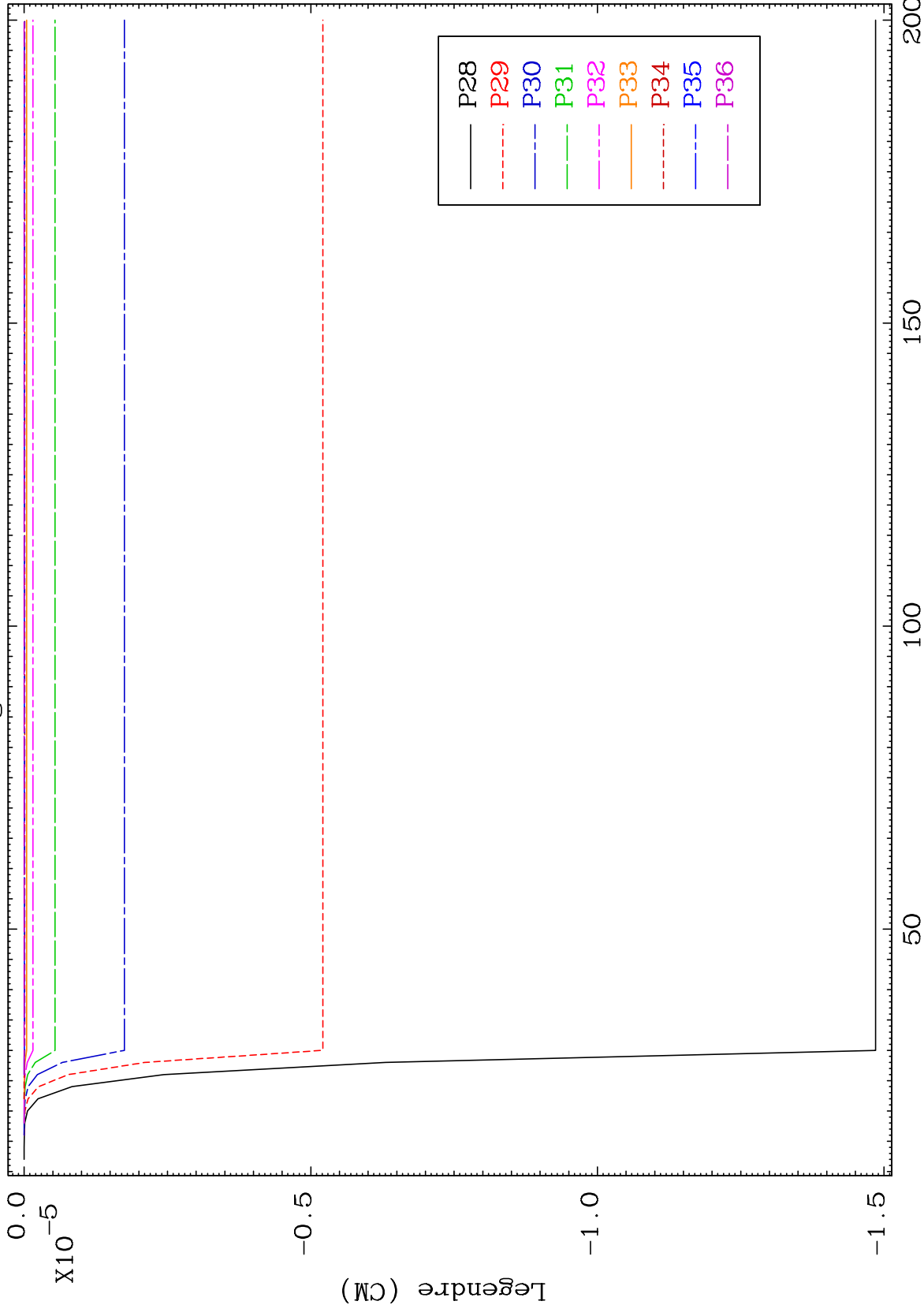
57-La-148



MAT 5755

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

57-La-148



57-La-148

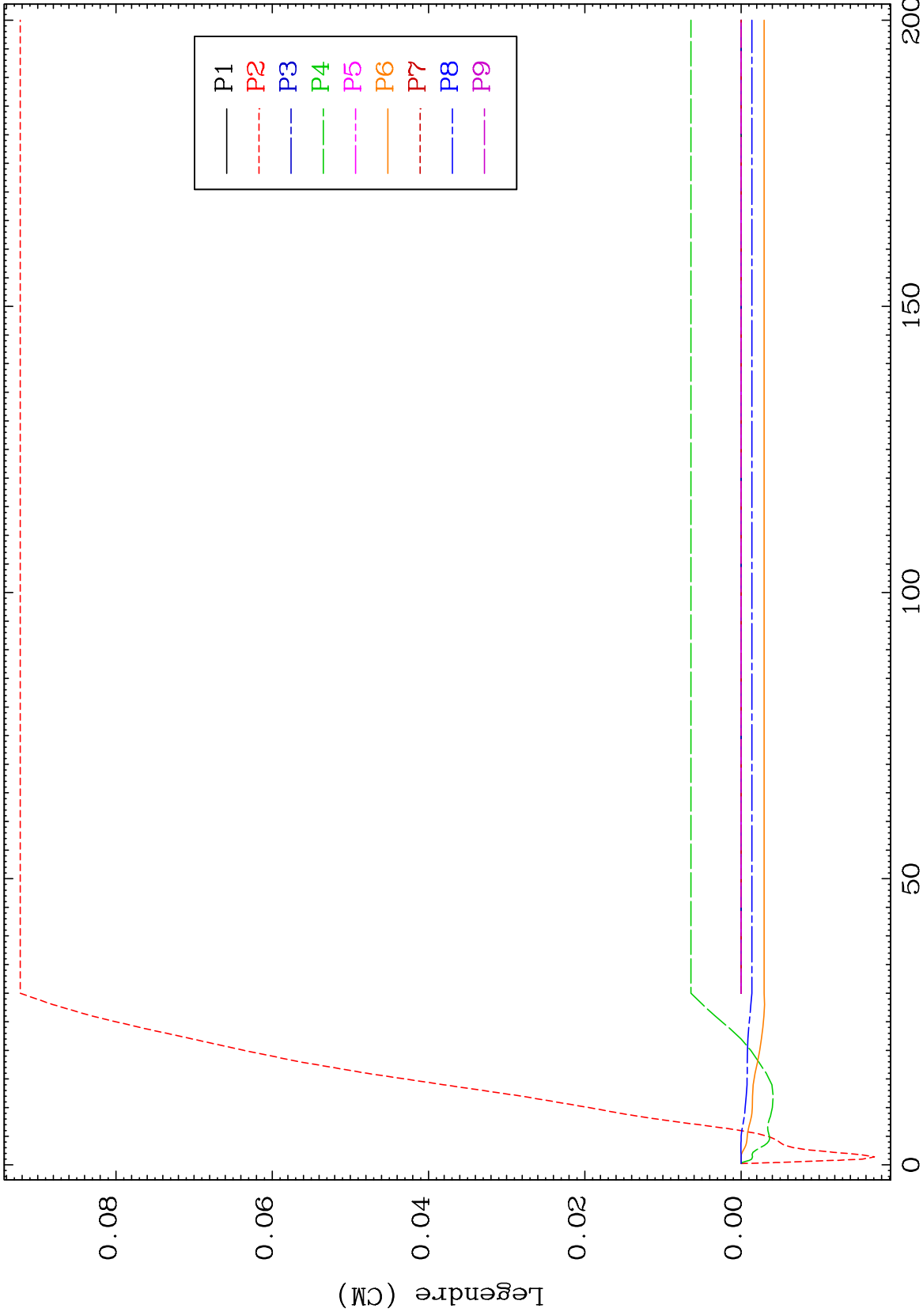
Incident Energy (MeV)

48

MAT 5755

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

57-La-148



49

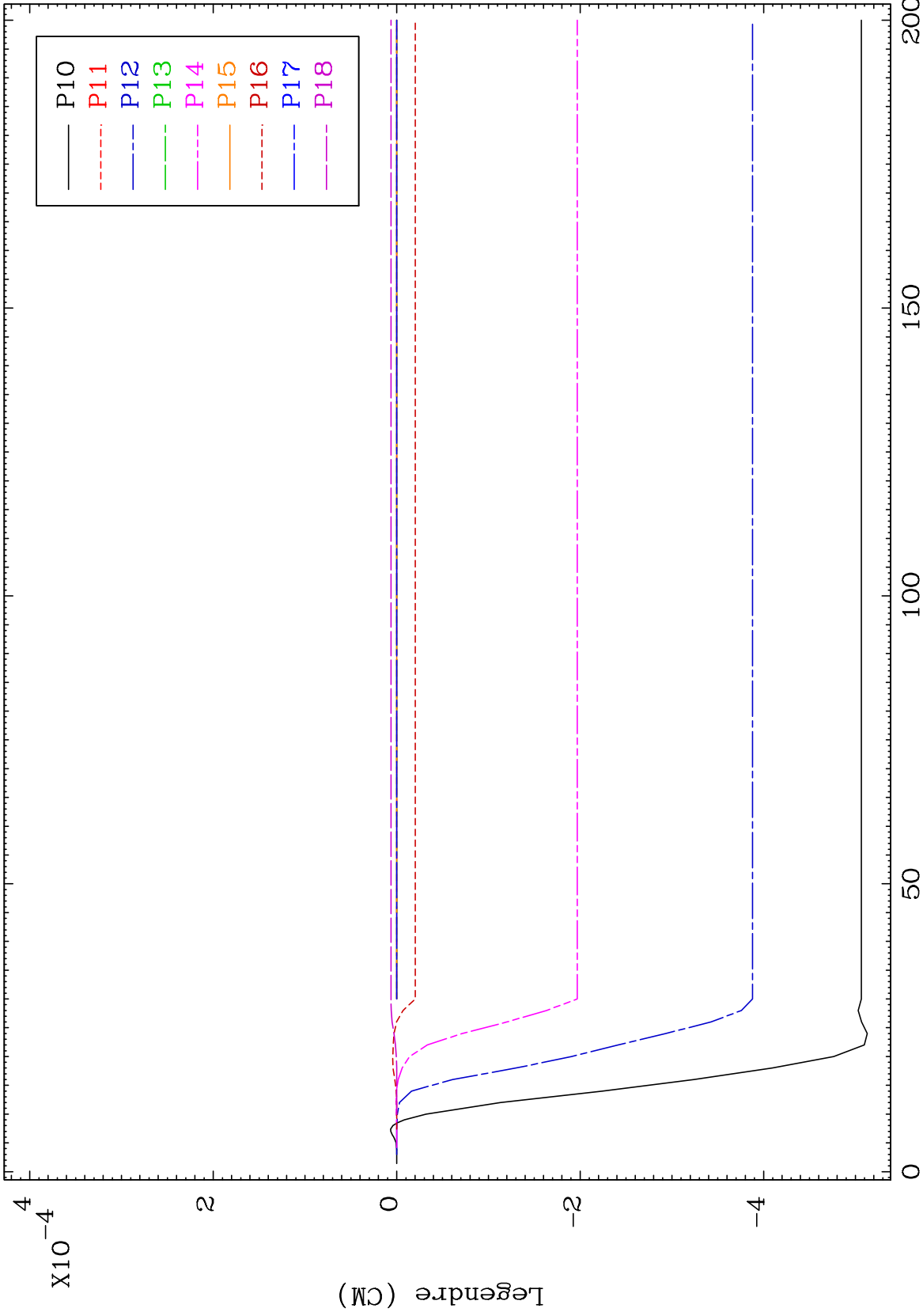
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



50

Incident Energy (MeV)

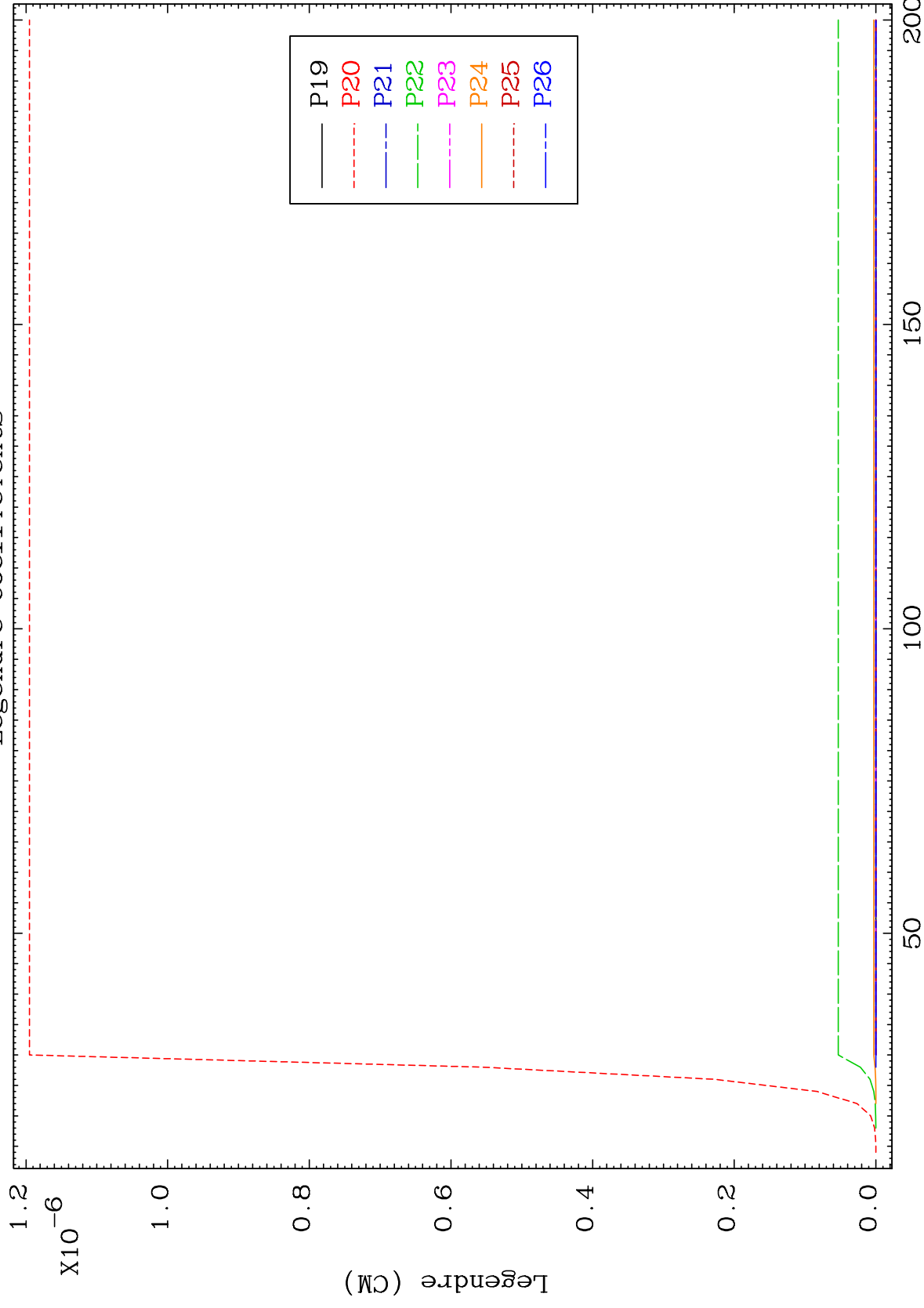
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MAT 5755

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

57-La-148



57-La-148

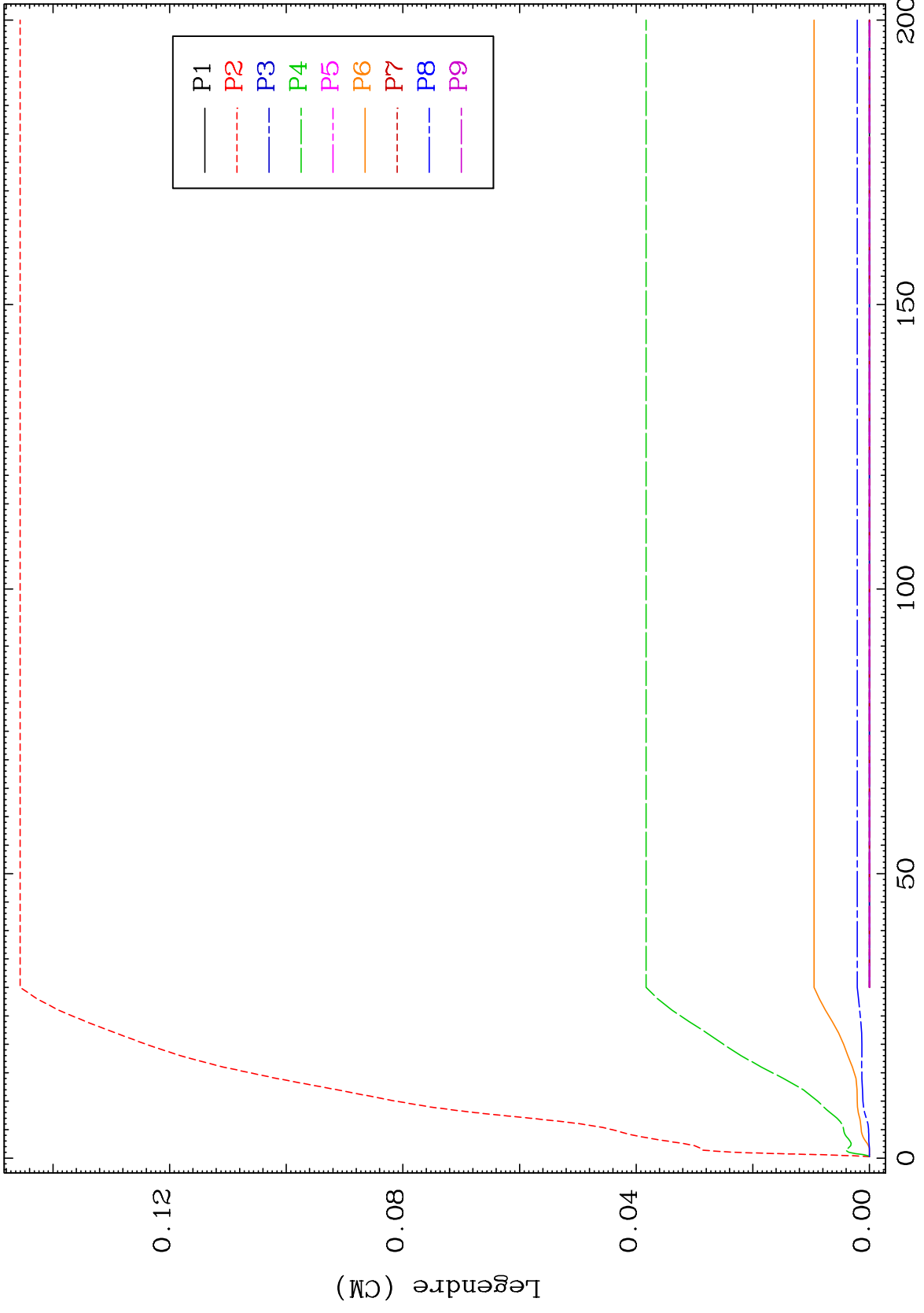
Incident Energy (MeV)

51

MAT 5755

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

57-La-148



52

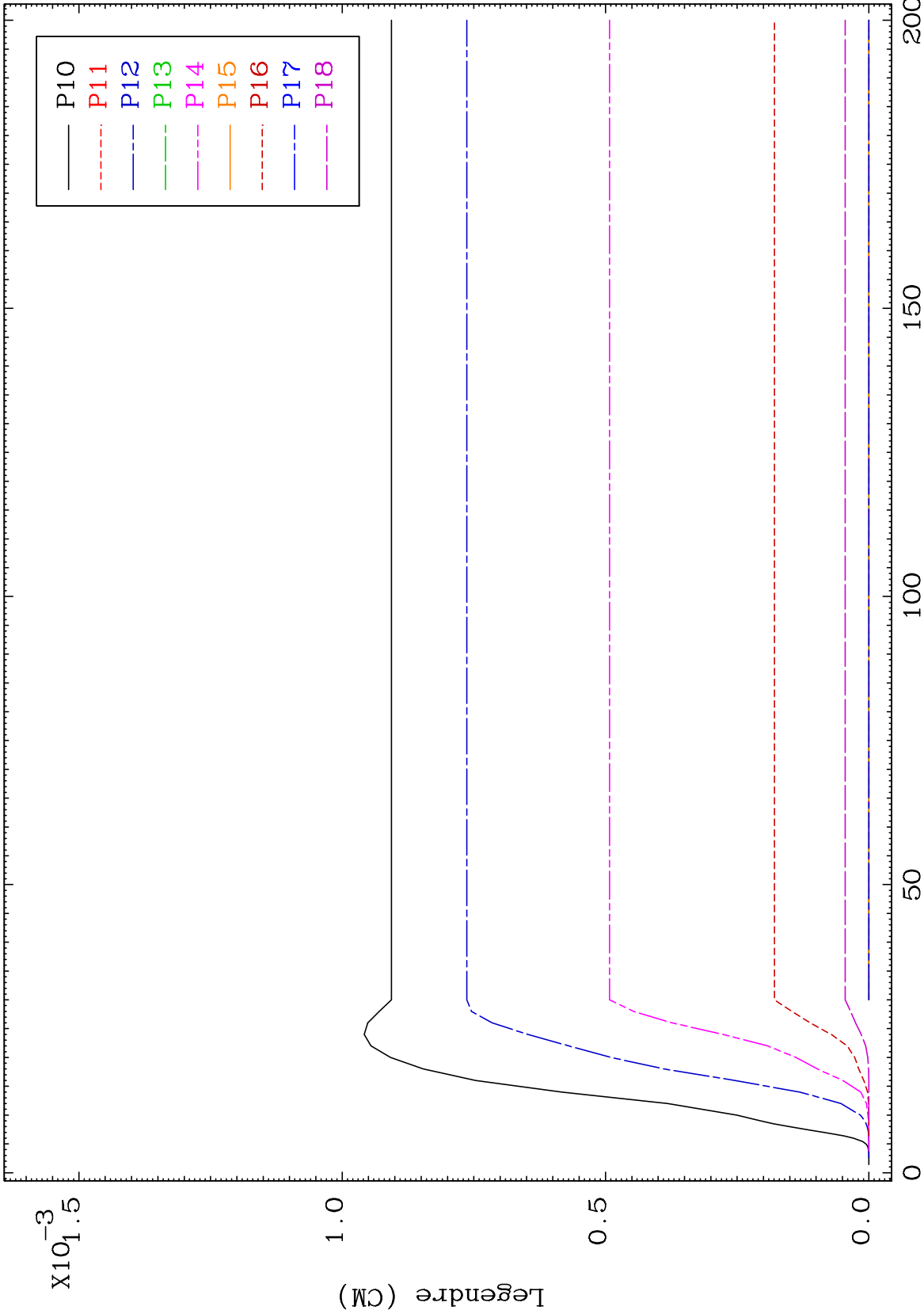
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



53

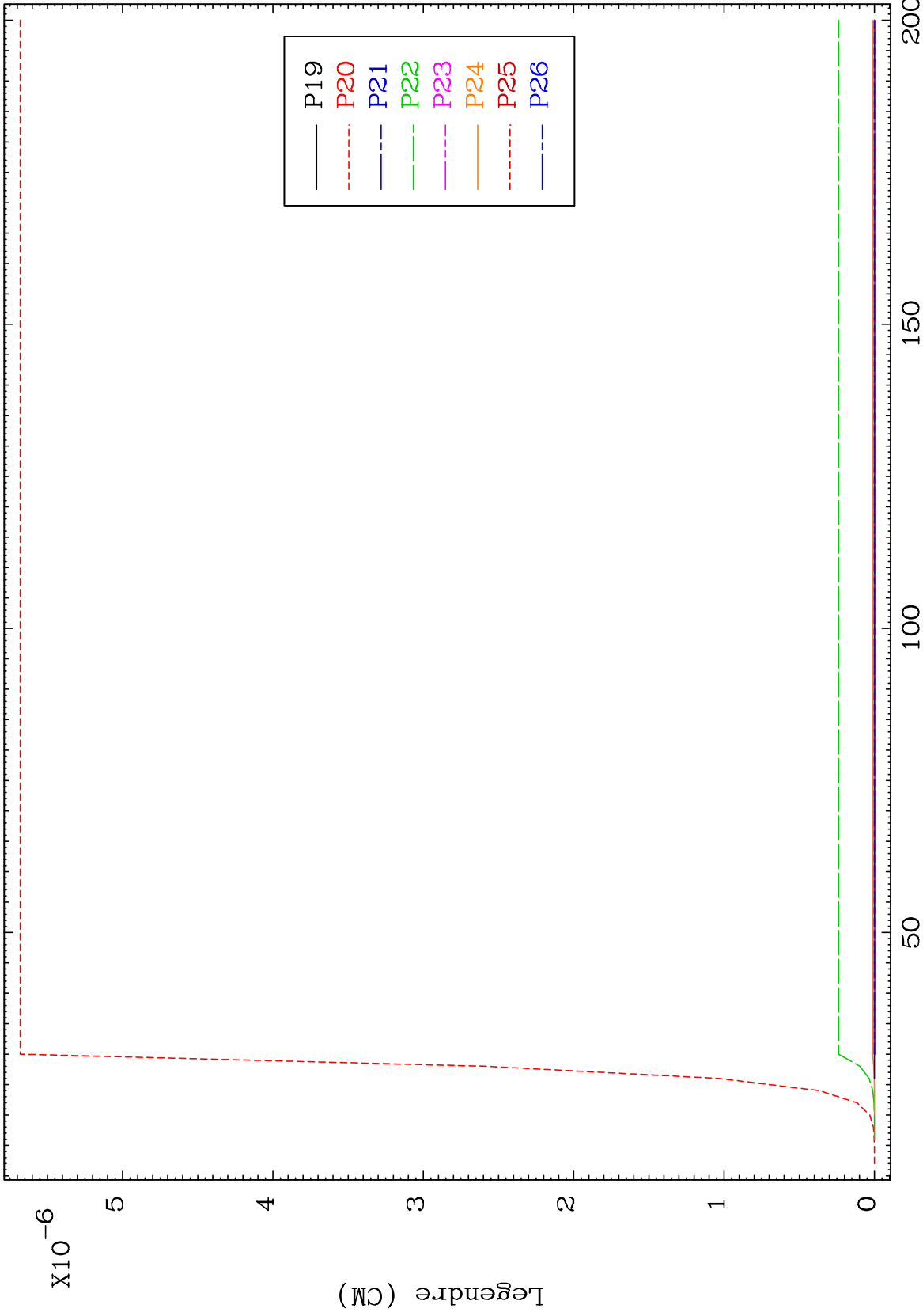
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



54

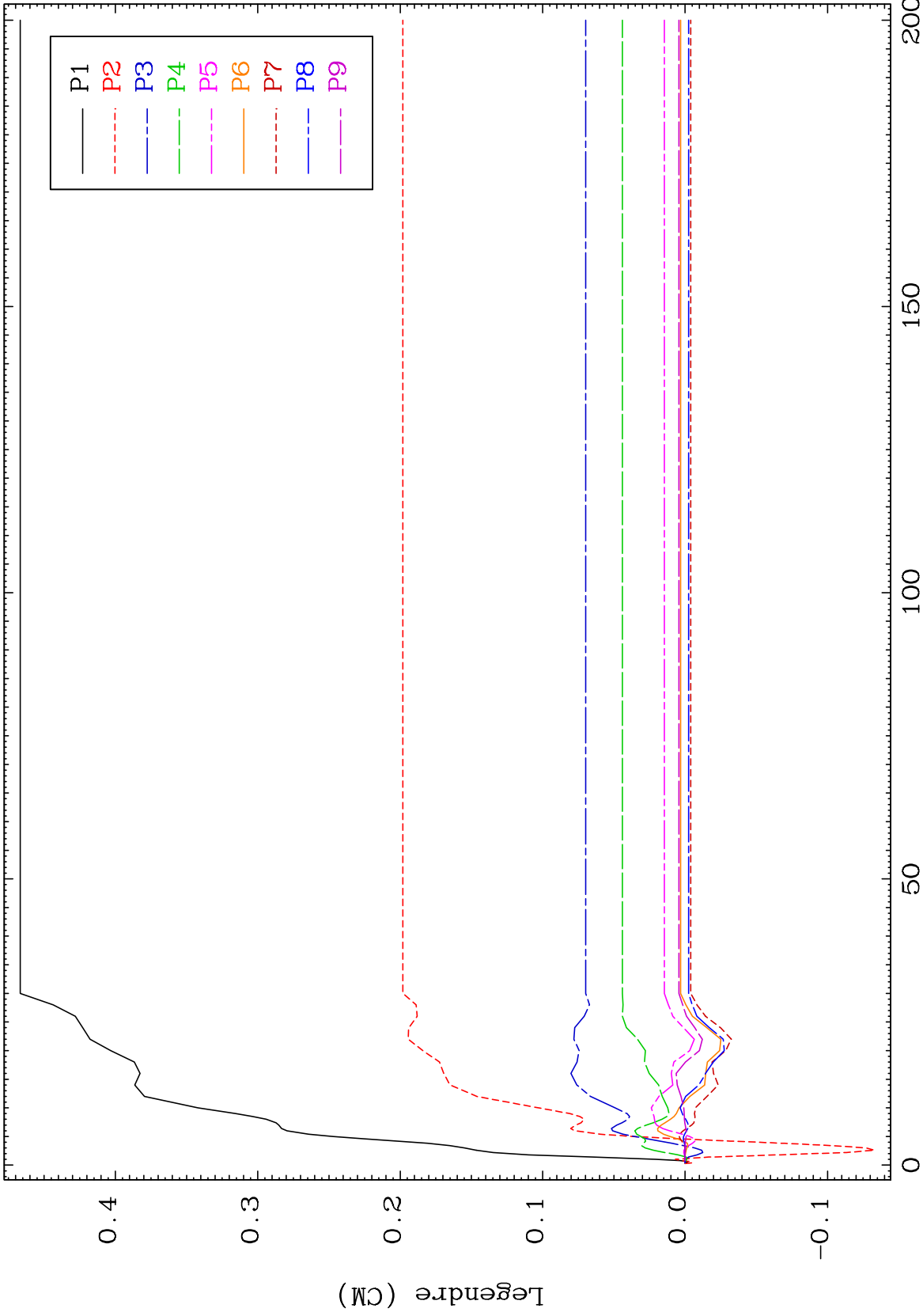
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



55

Incident Energy (MeV)

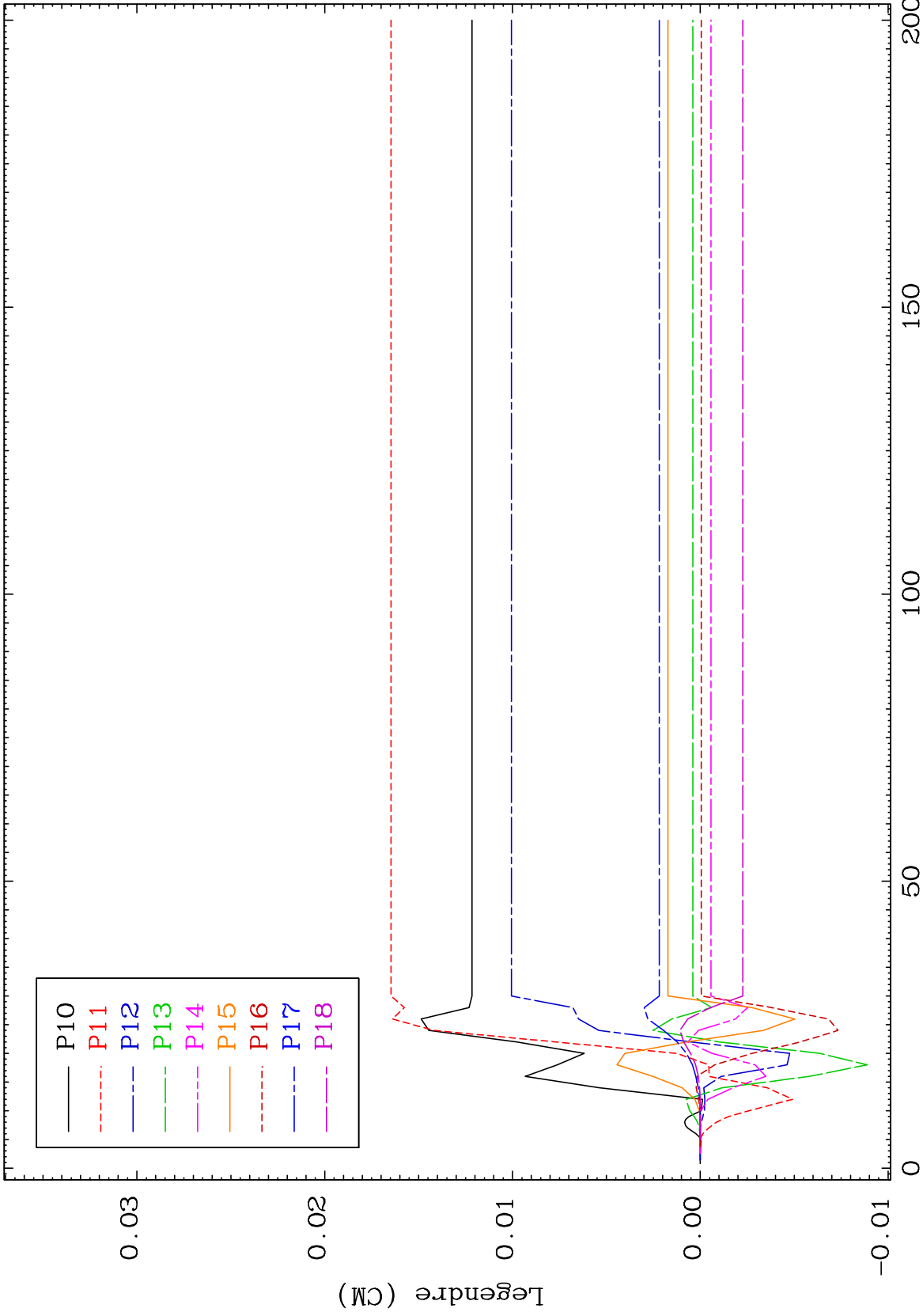
57-La-148



MAT 5755

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

57-La-148



56

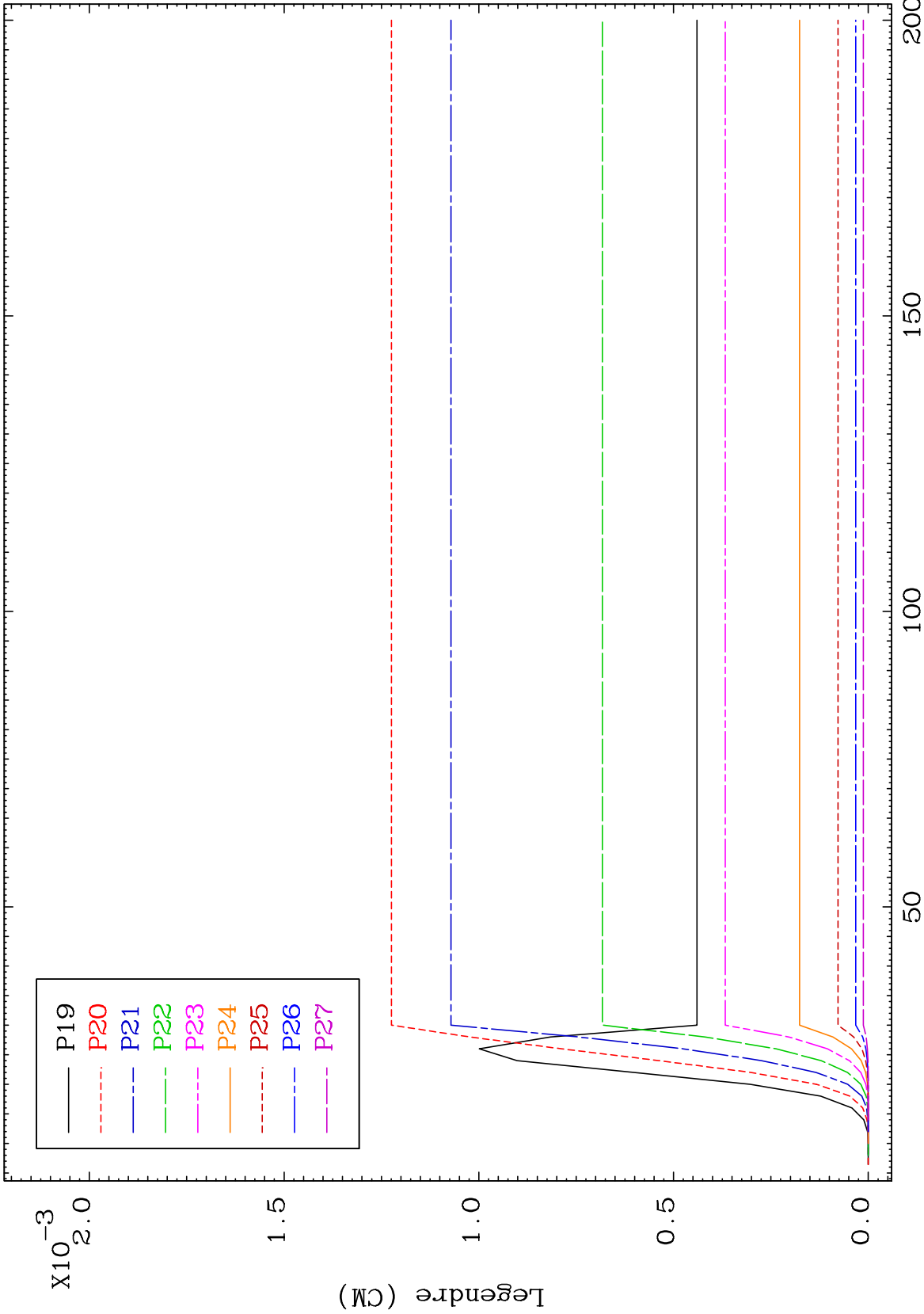
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



57

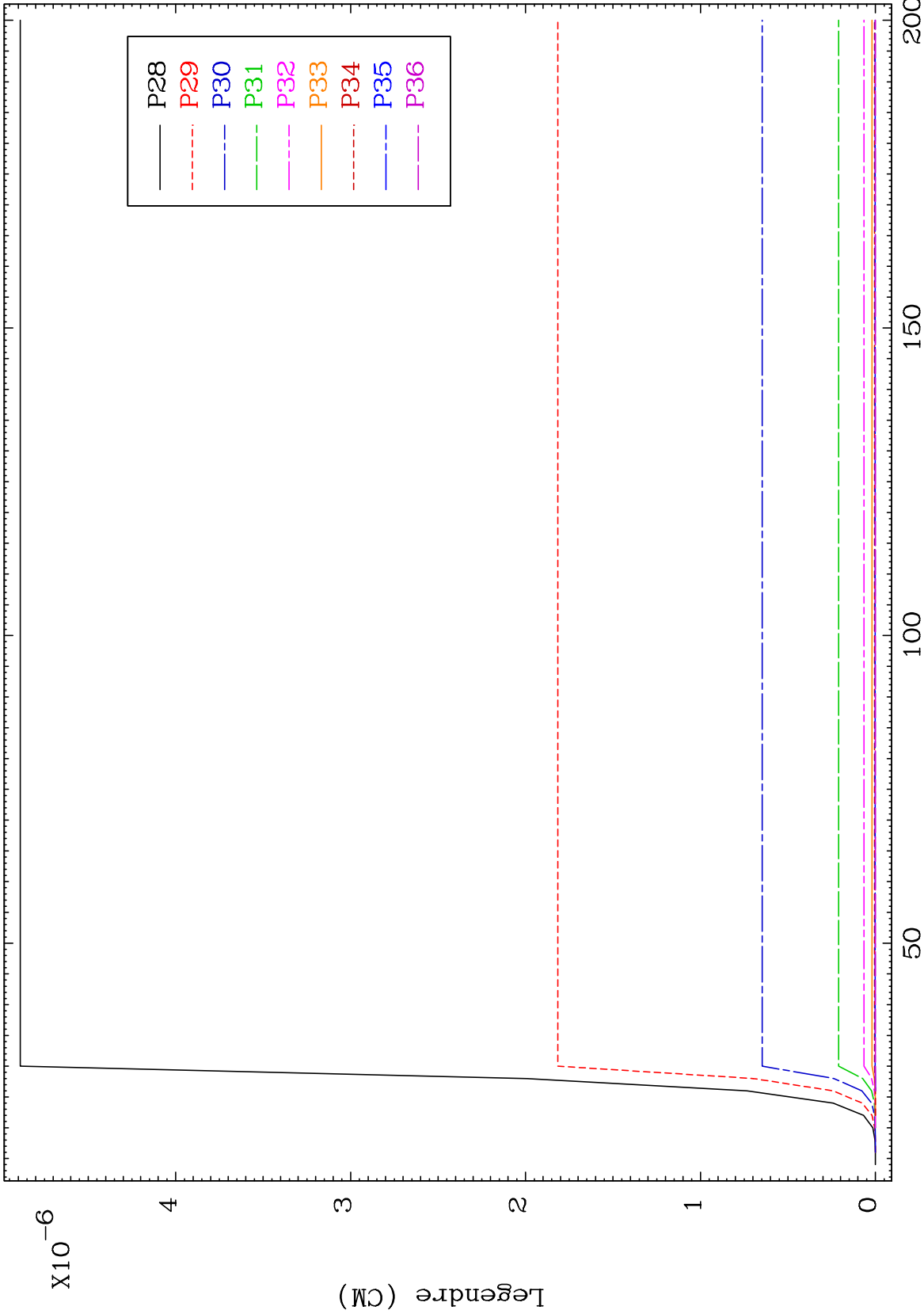
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



58

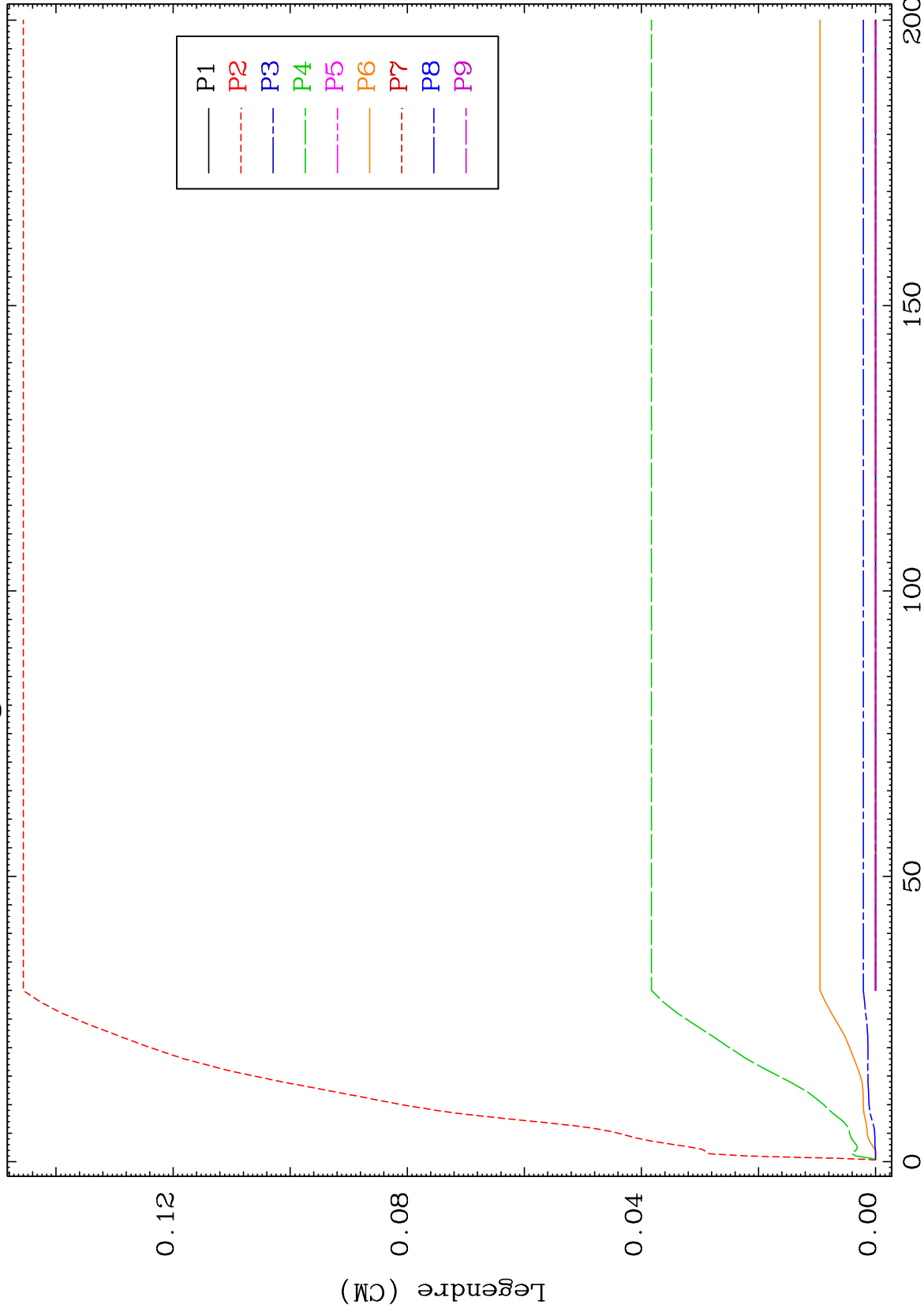
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



59

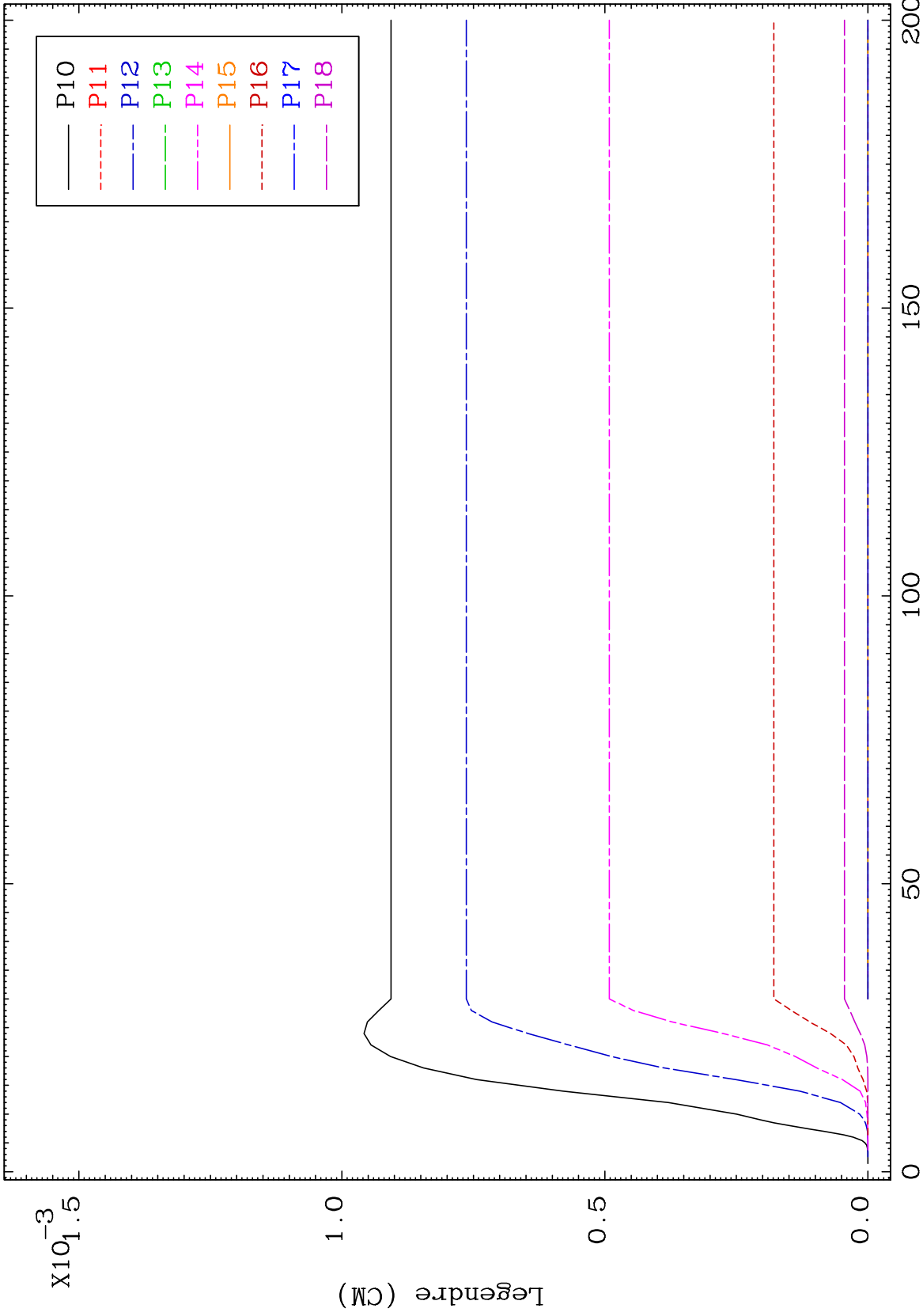
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



60

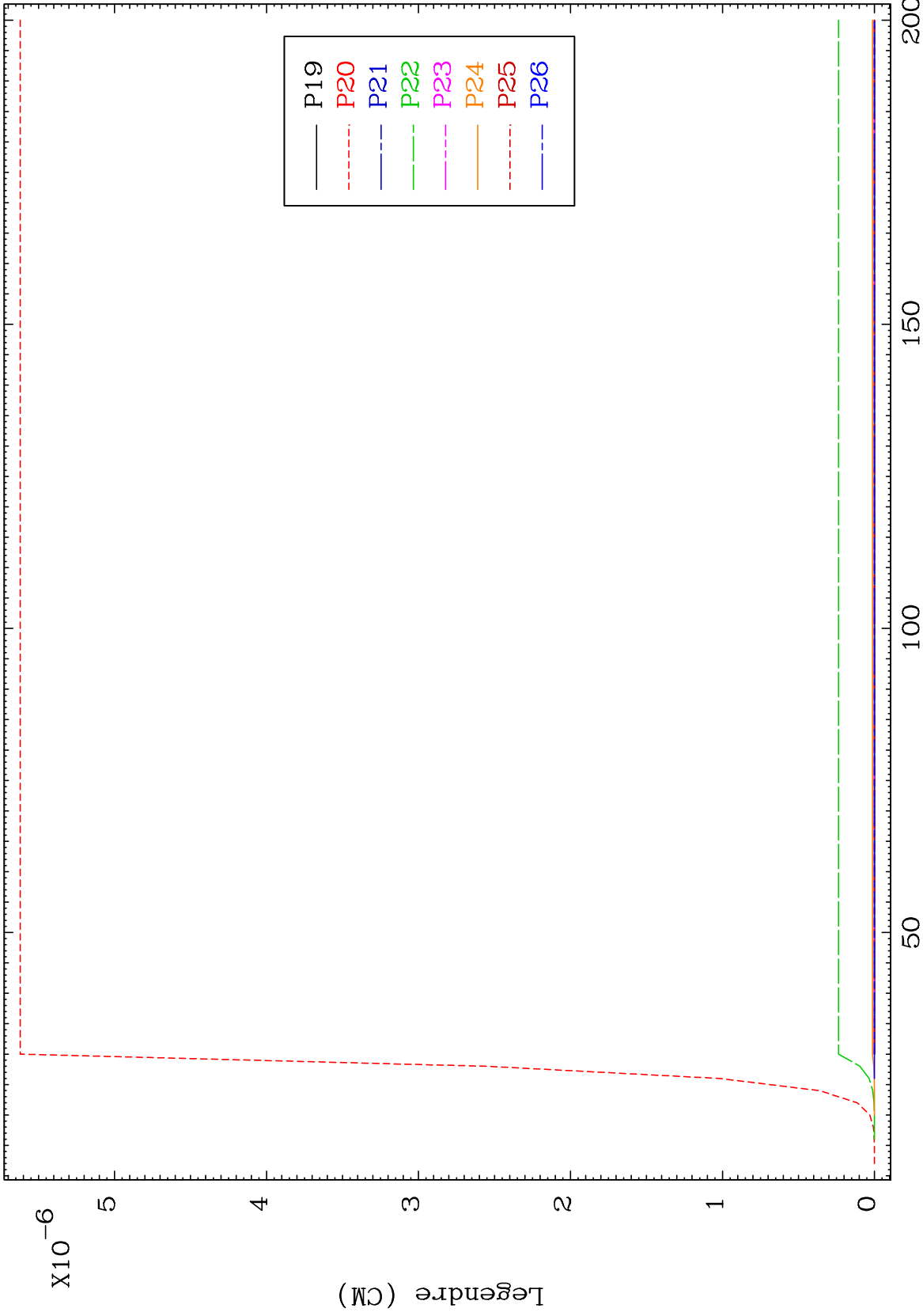
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



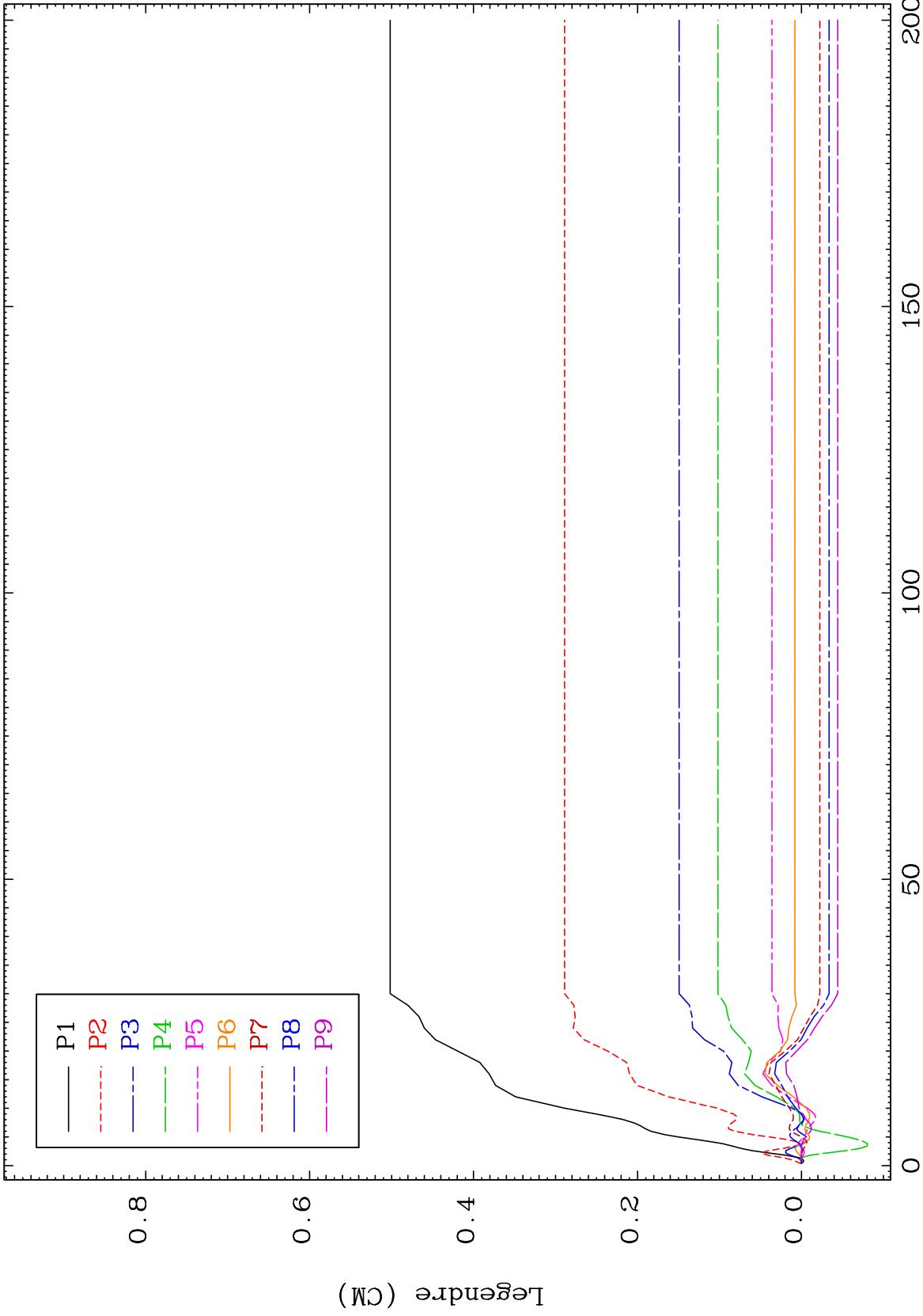
61

57-La-148

MAT 5755

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

57-La-148



62

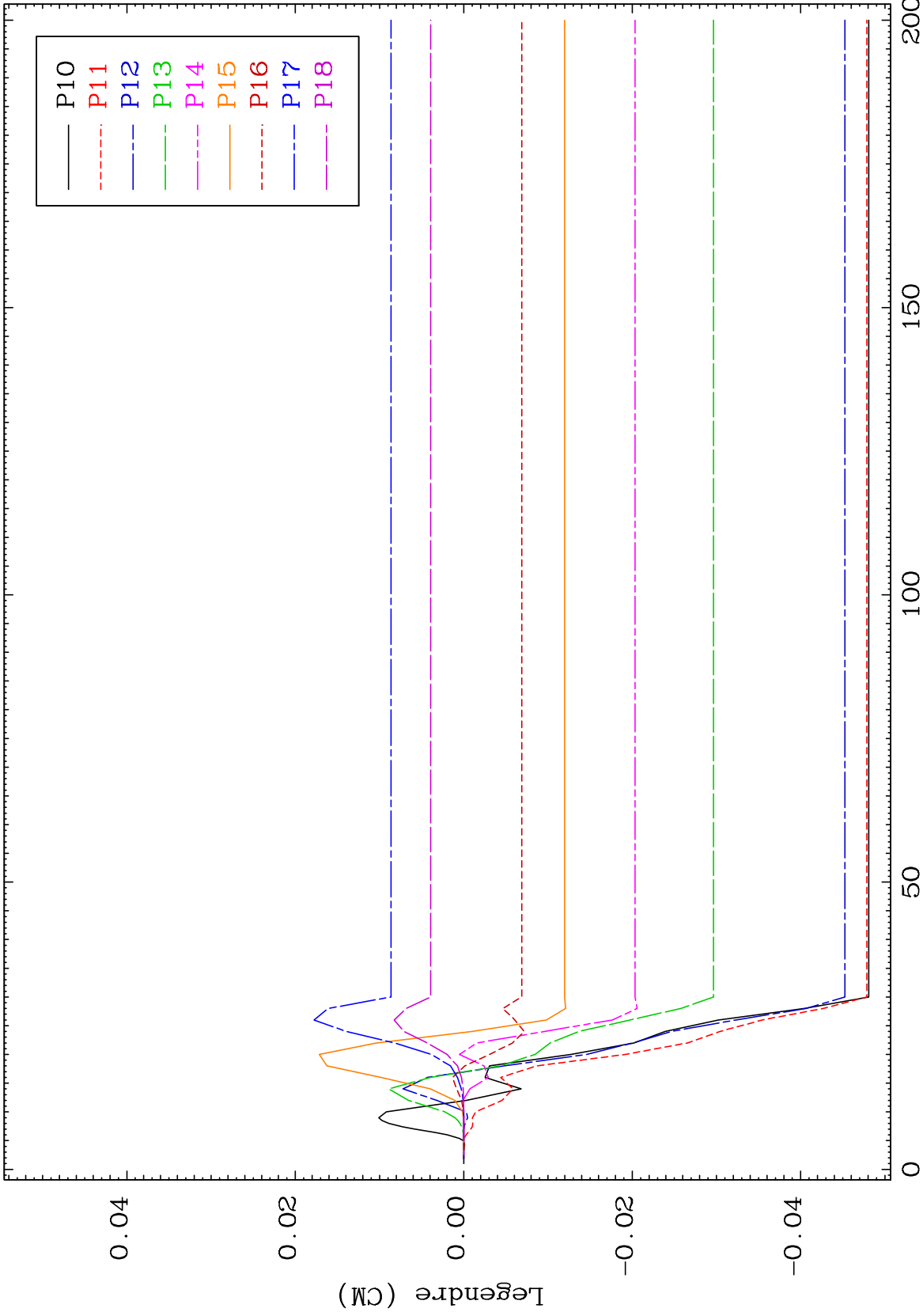
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



63

Incident Energy (MeV)

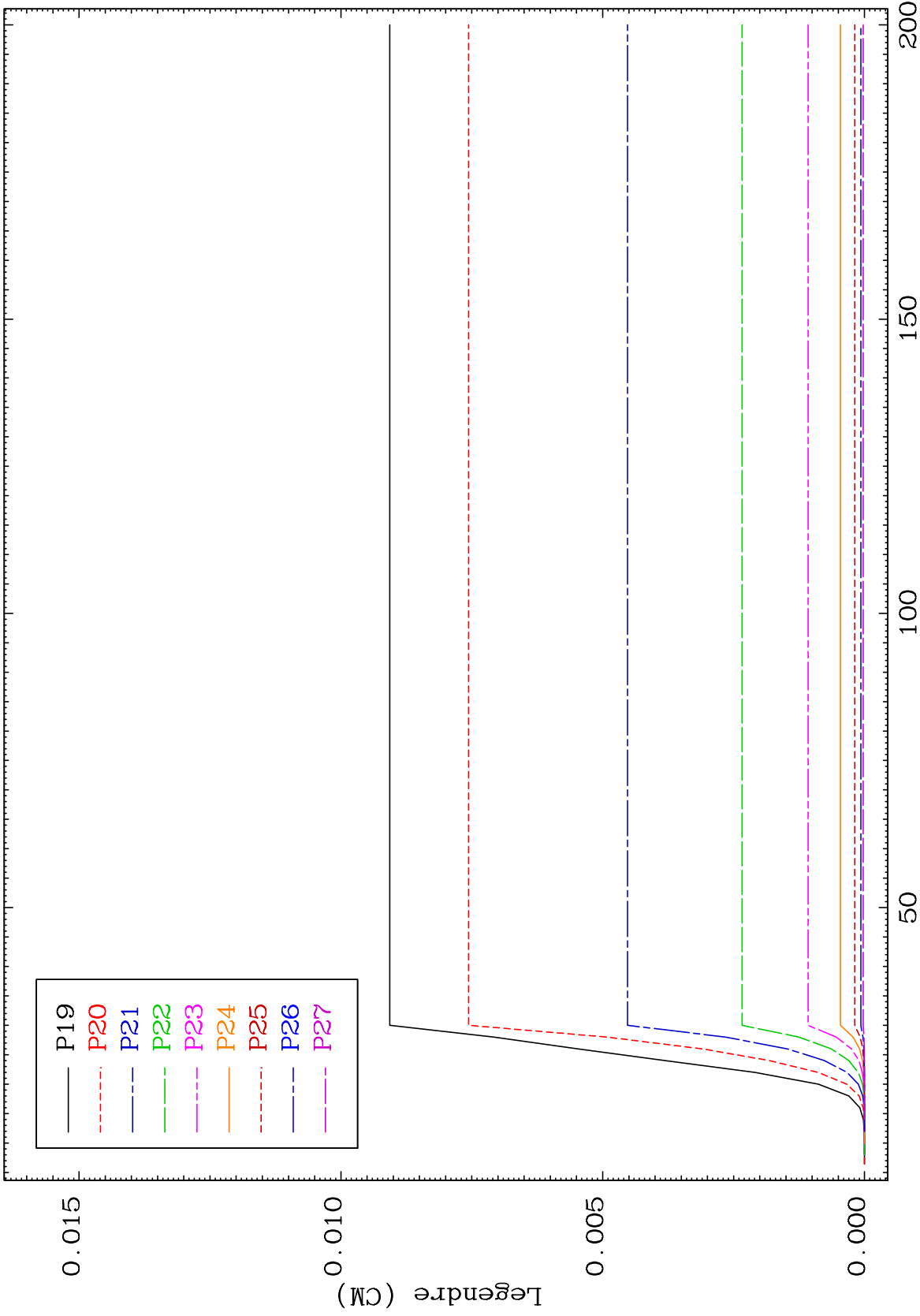
57-La-148



MAT 5755

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

57-La-148



64

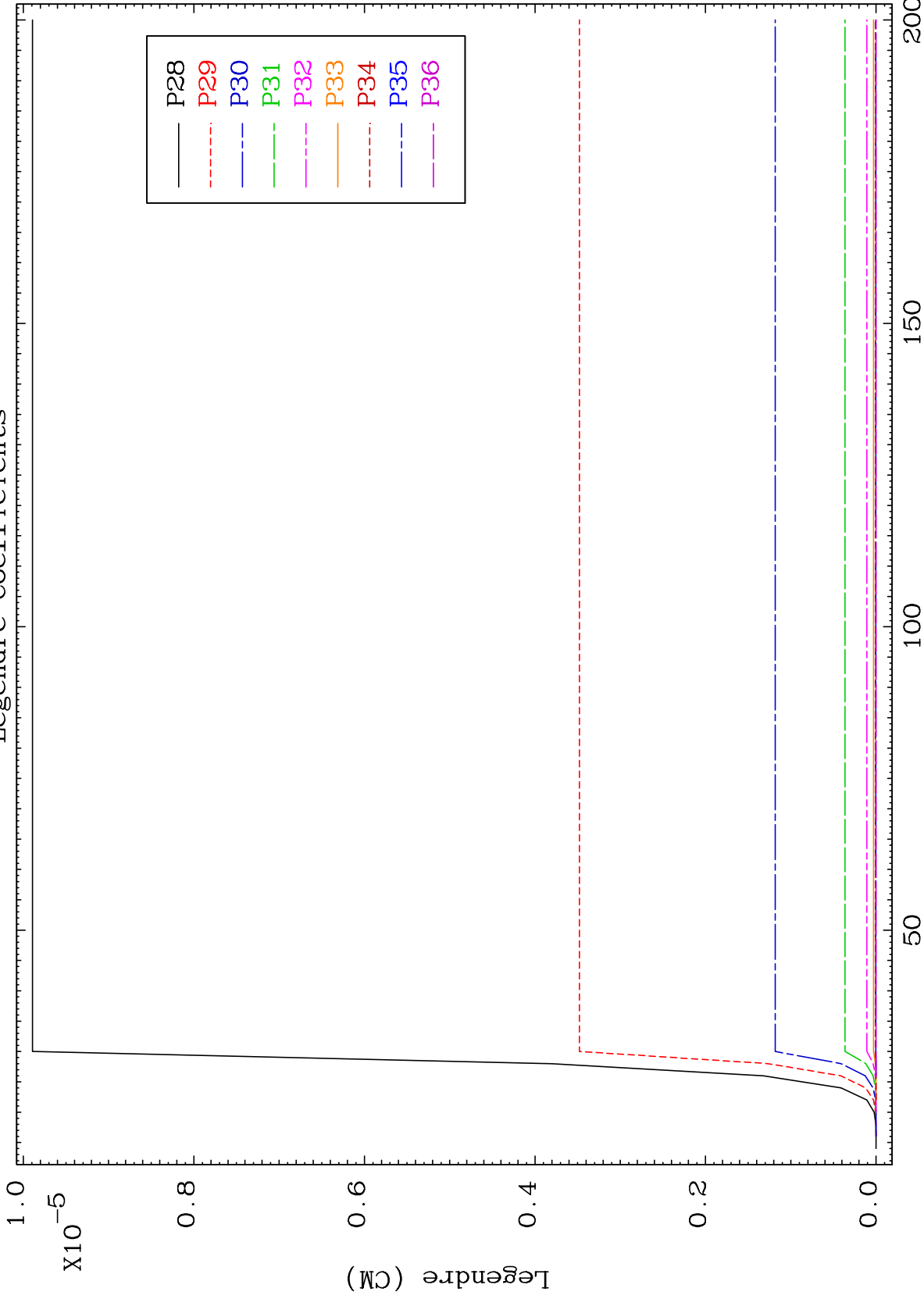
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



65

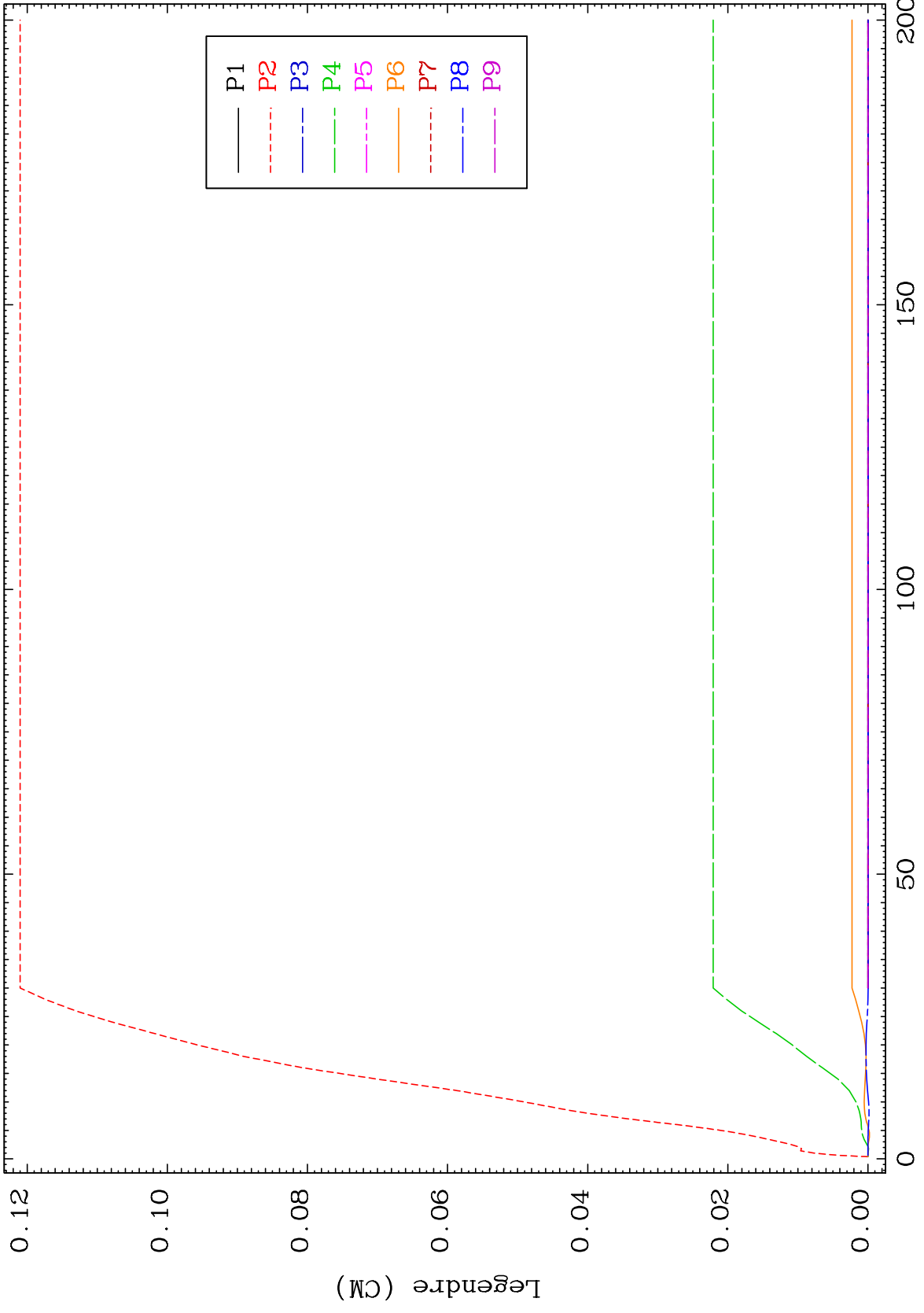
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



66

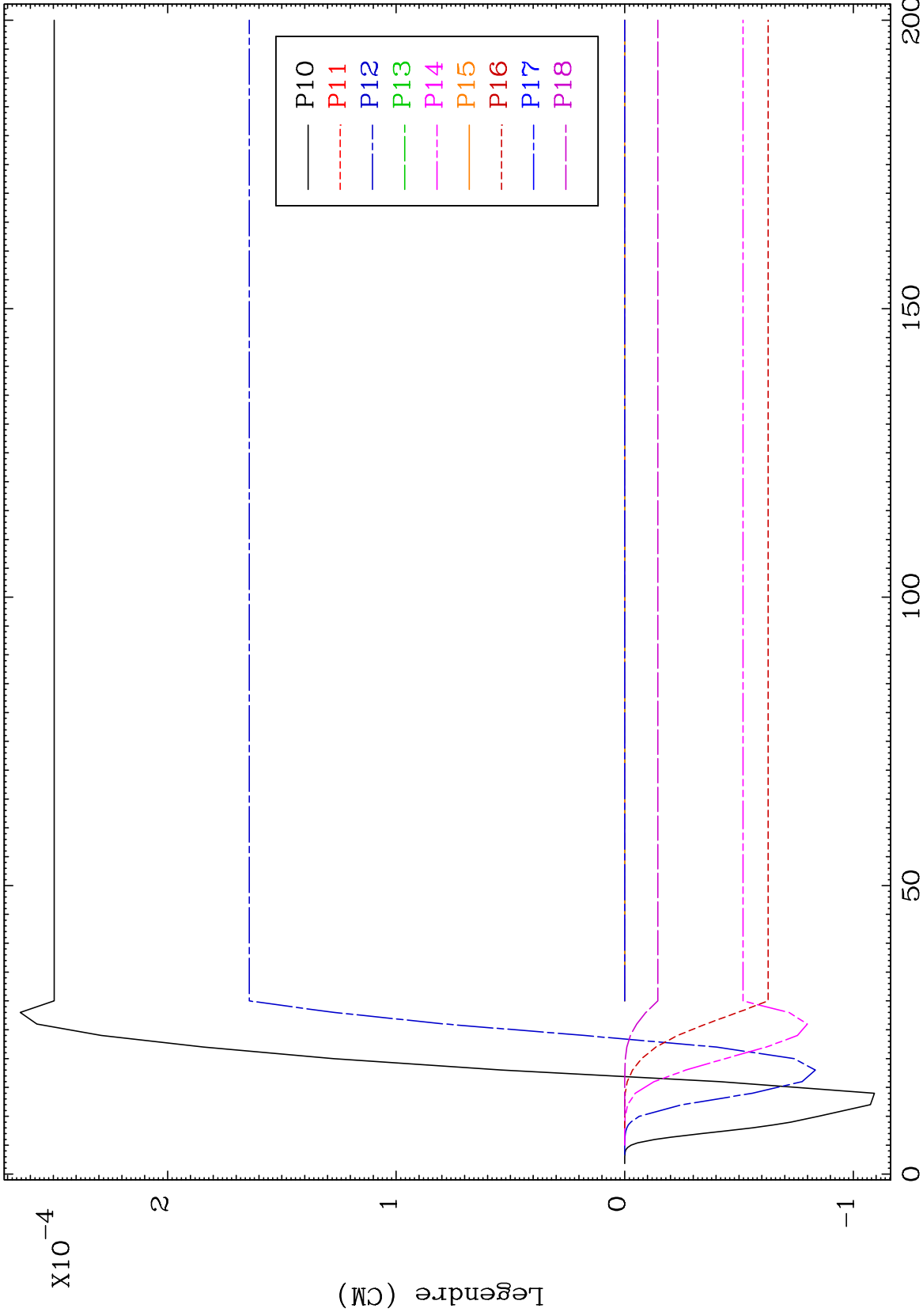
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



67

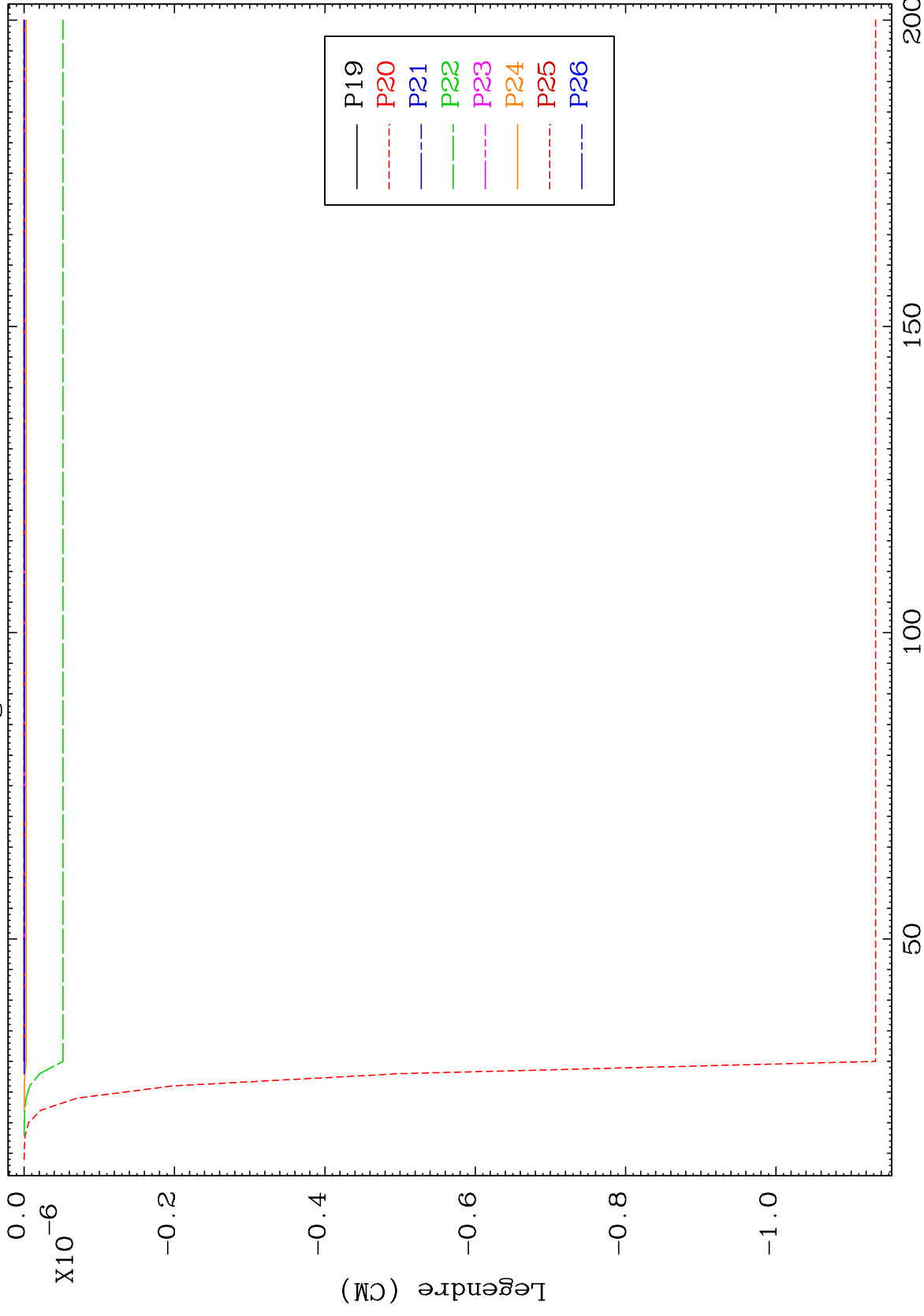
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



57-La-148

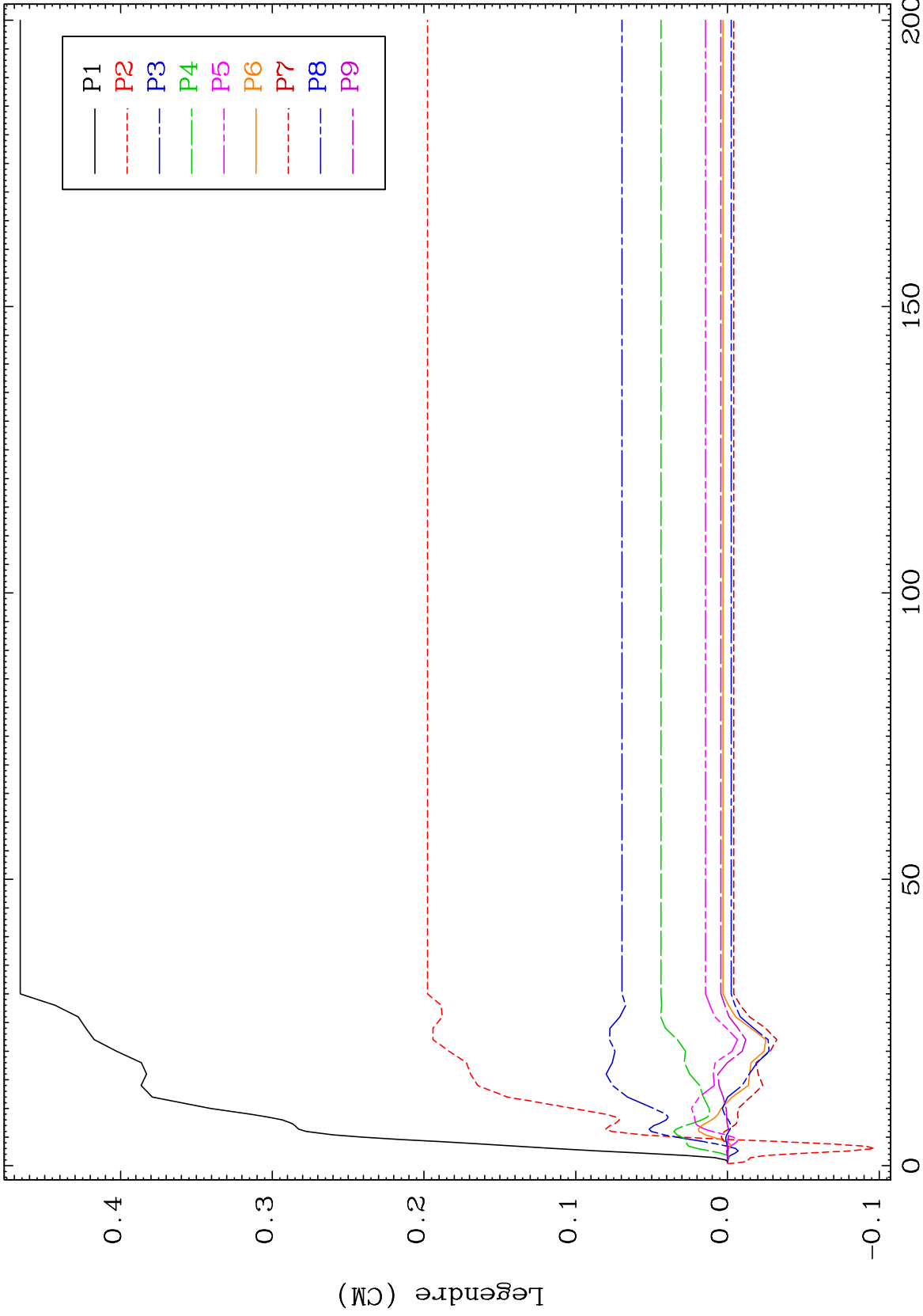
Incident Energy (MeV)

68

MAT 5755

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

57-La-148



69

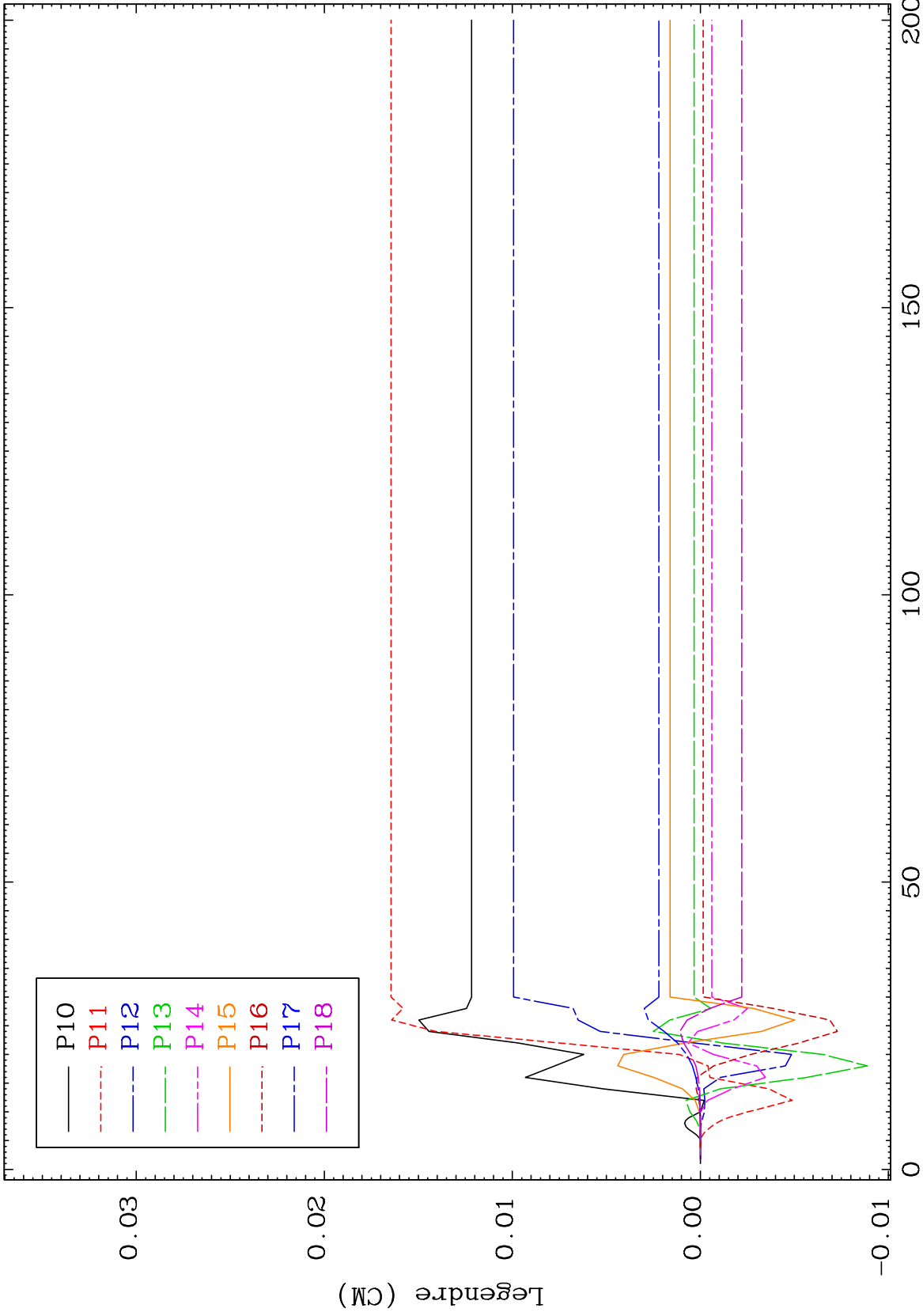
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



70

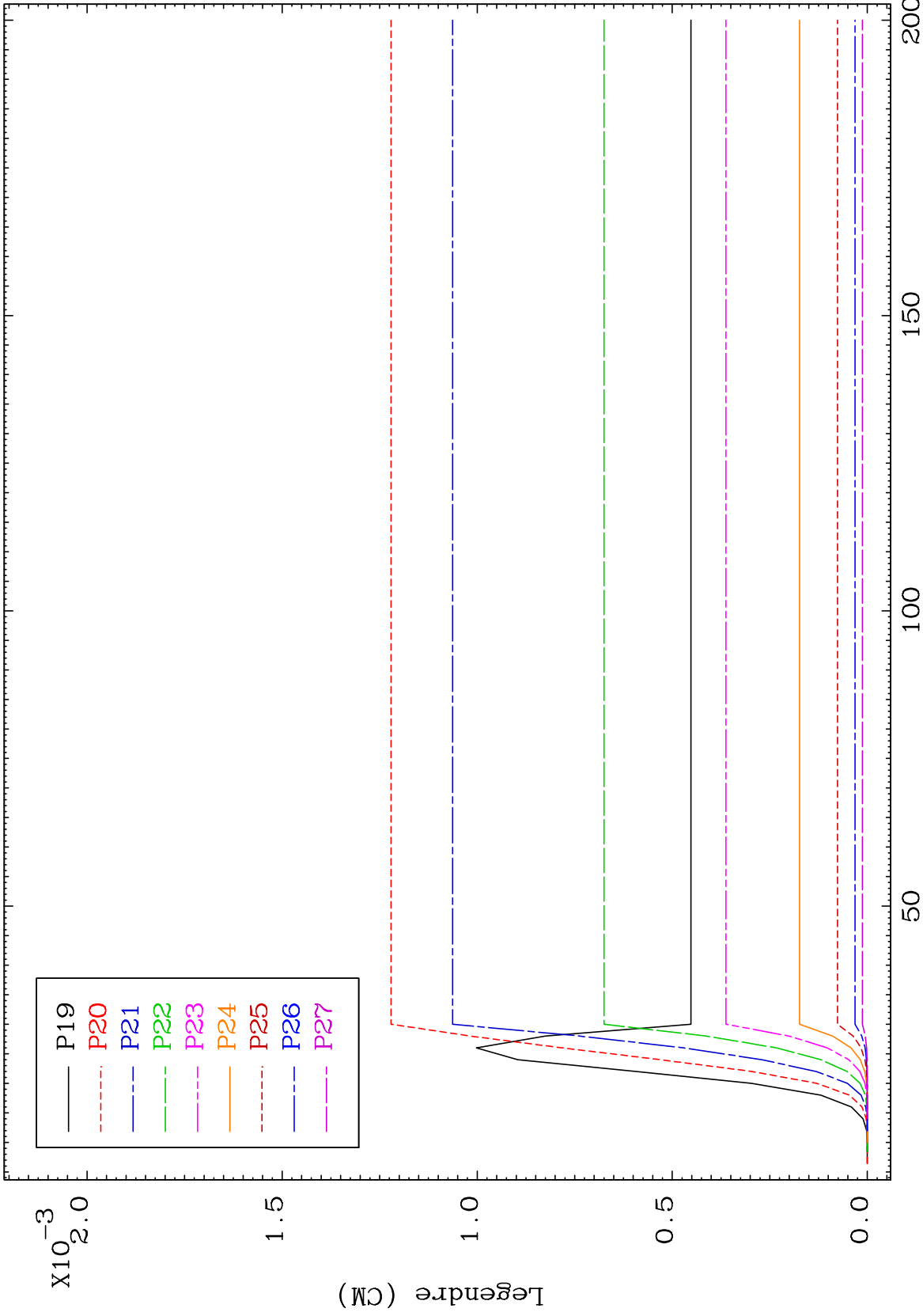
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



71

Incident Energy (MeV)

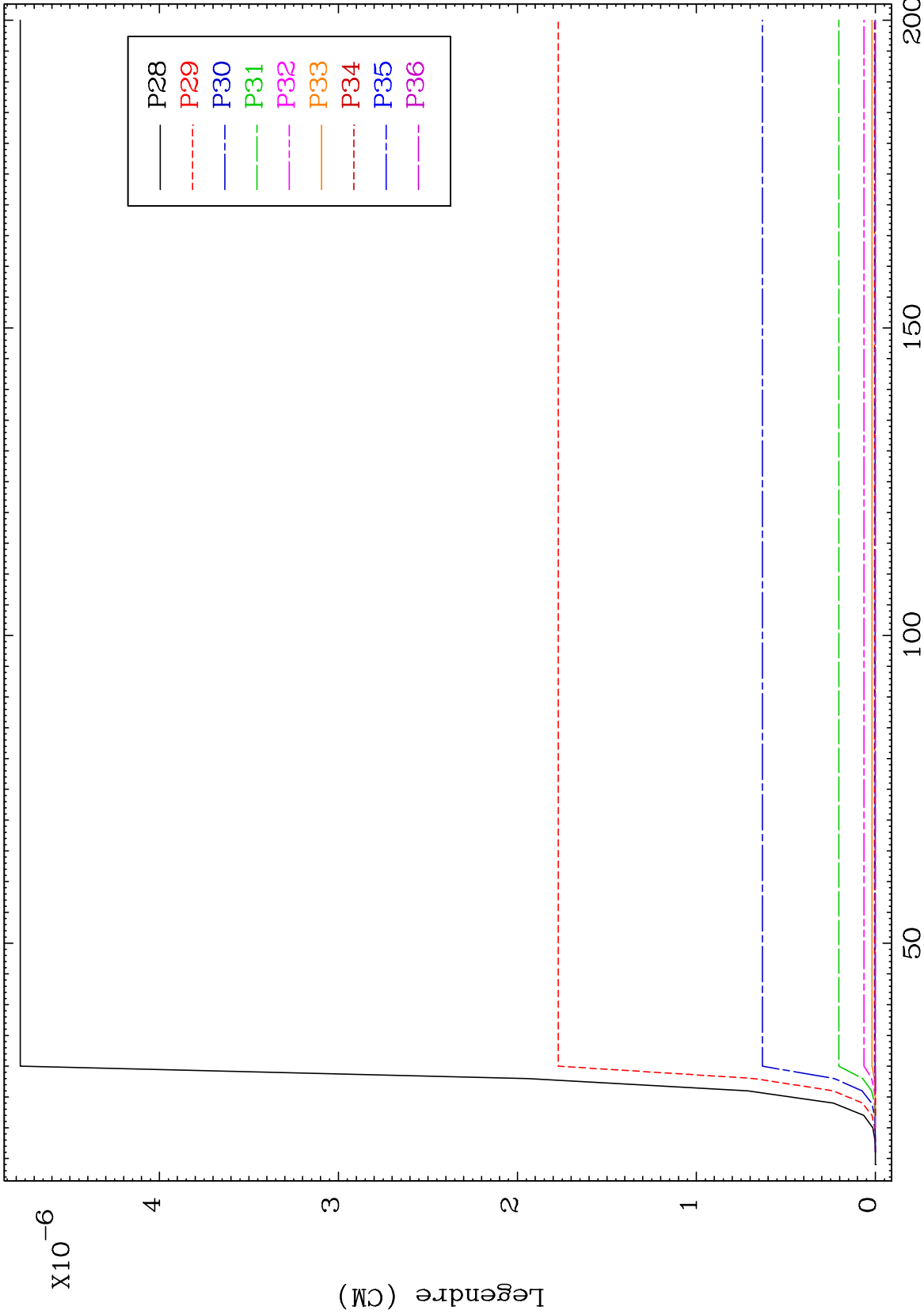
57-La-148



MAT 5755

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

57-La-148



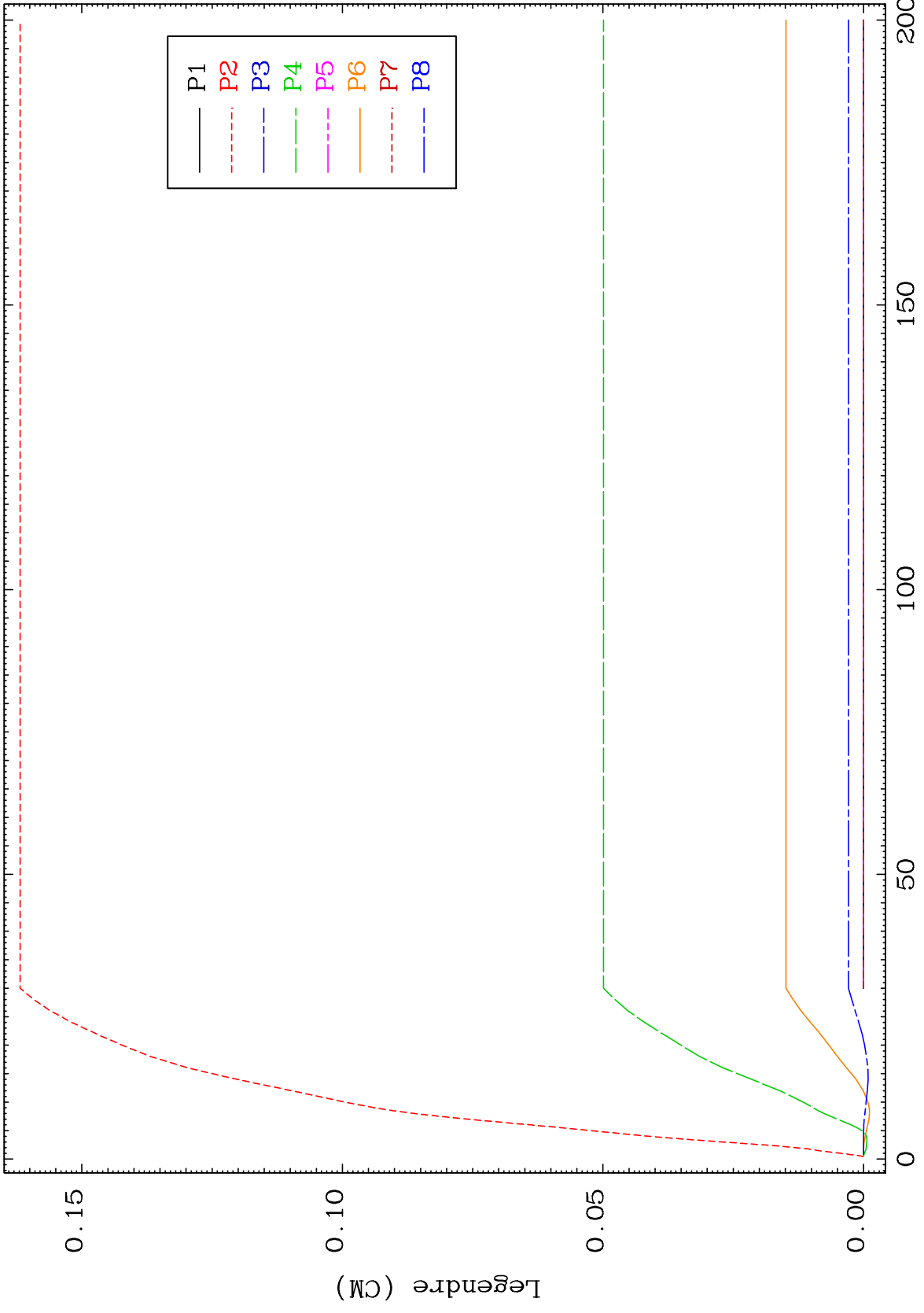
72

57-La-148

MAT 5755

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

57-La-148



73

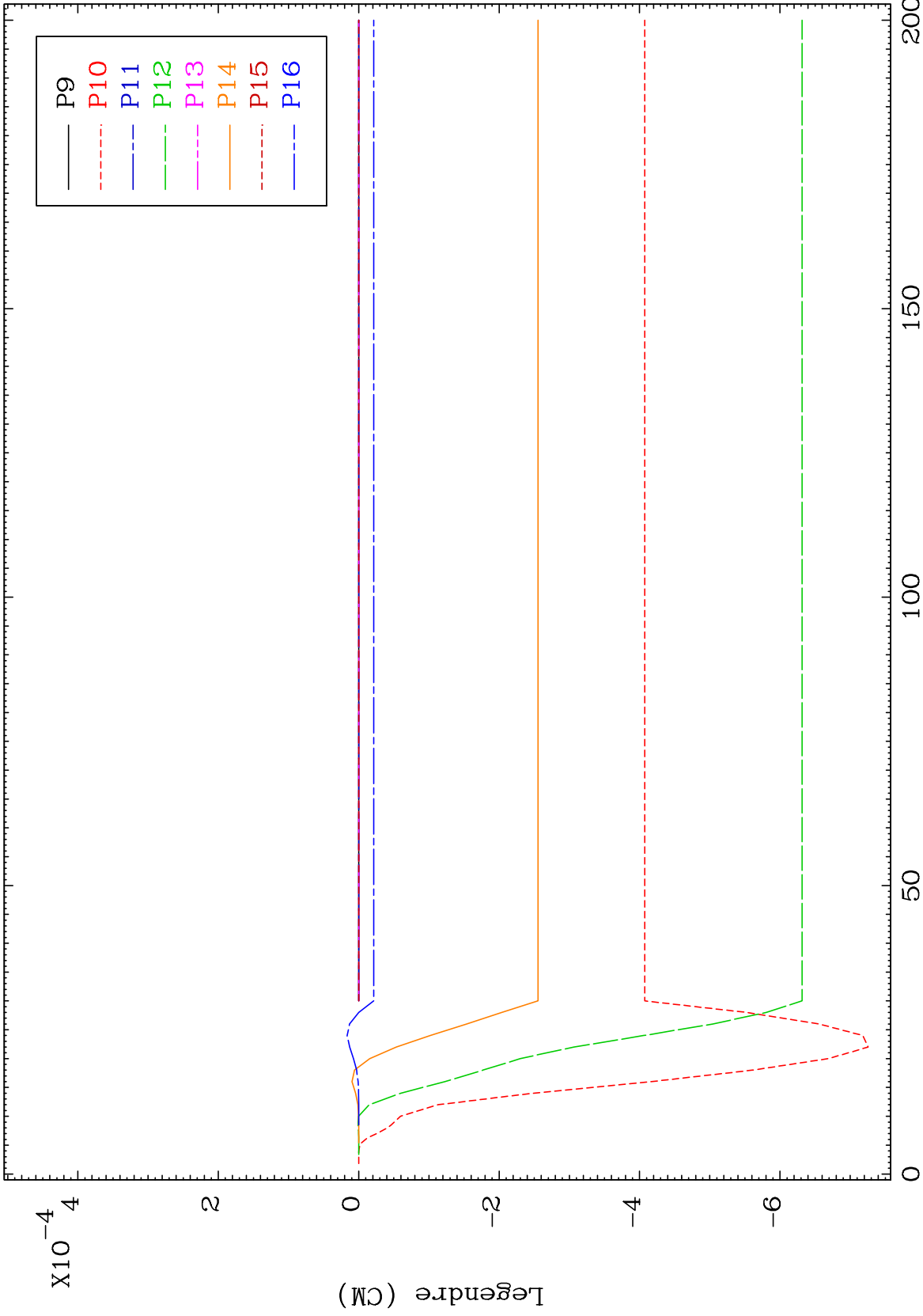
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



74

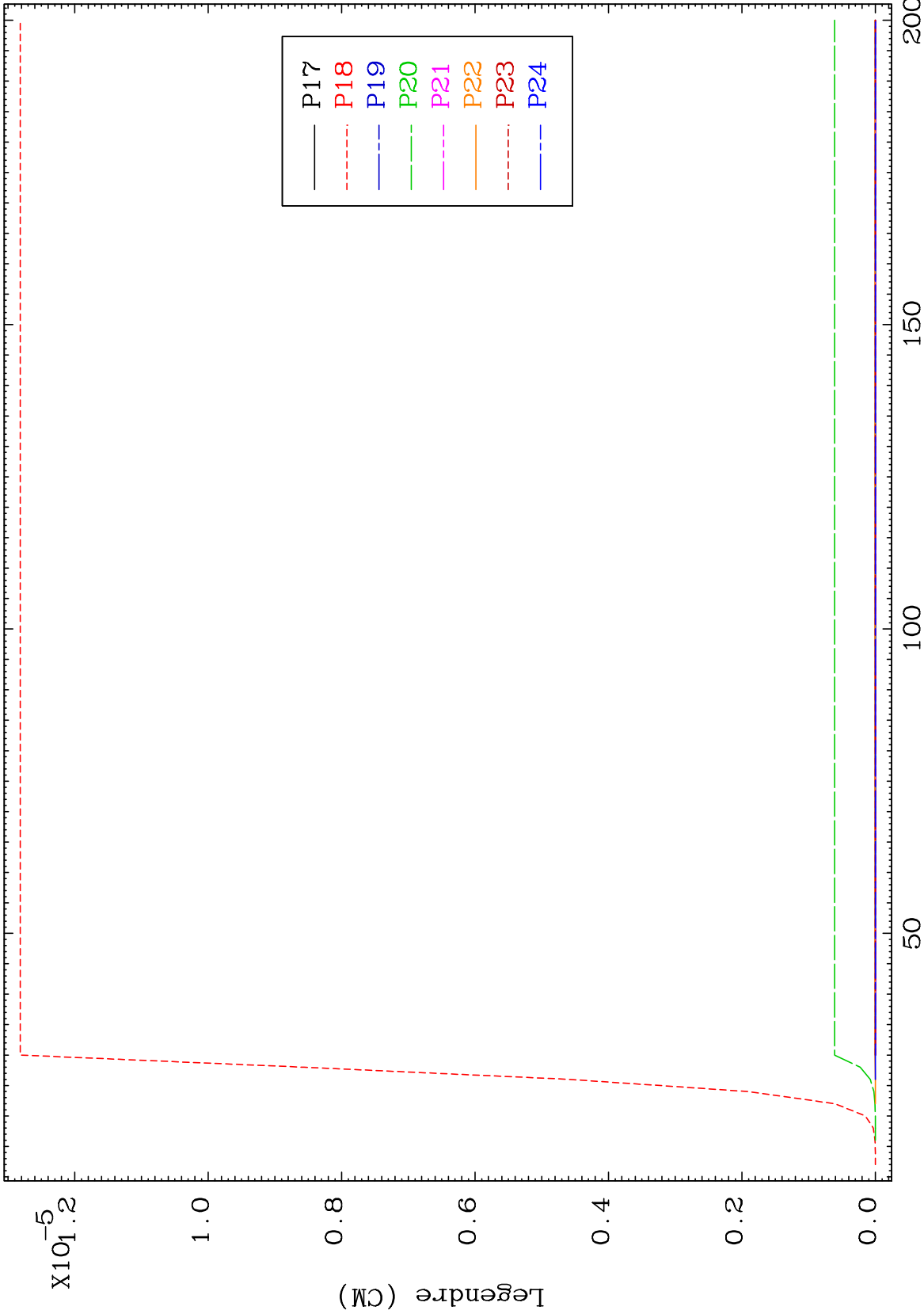
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



75

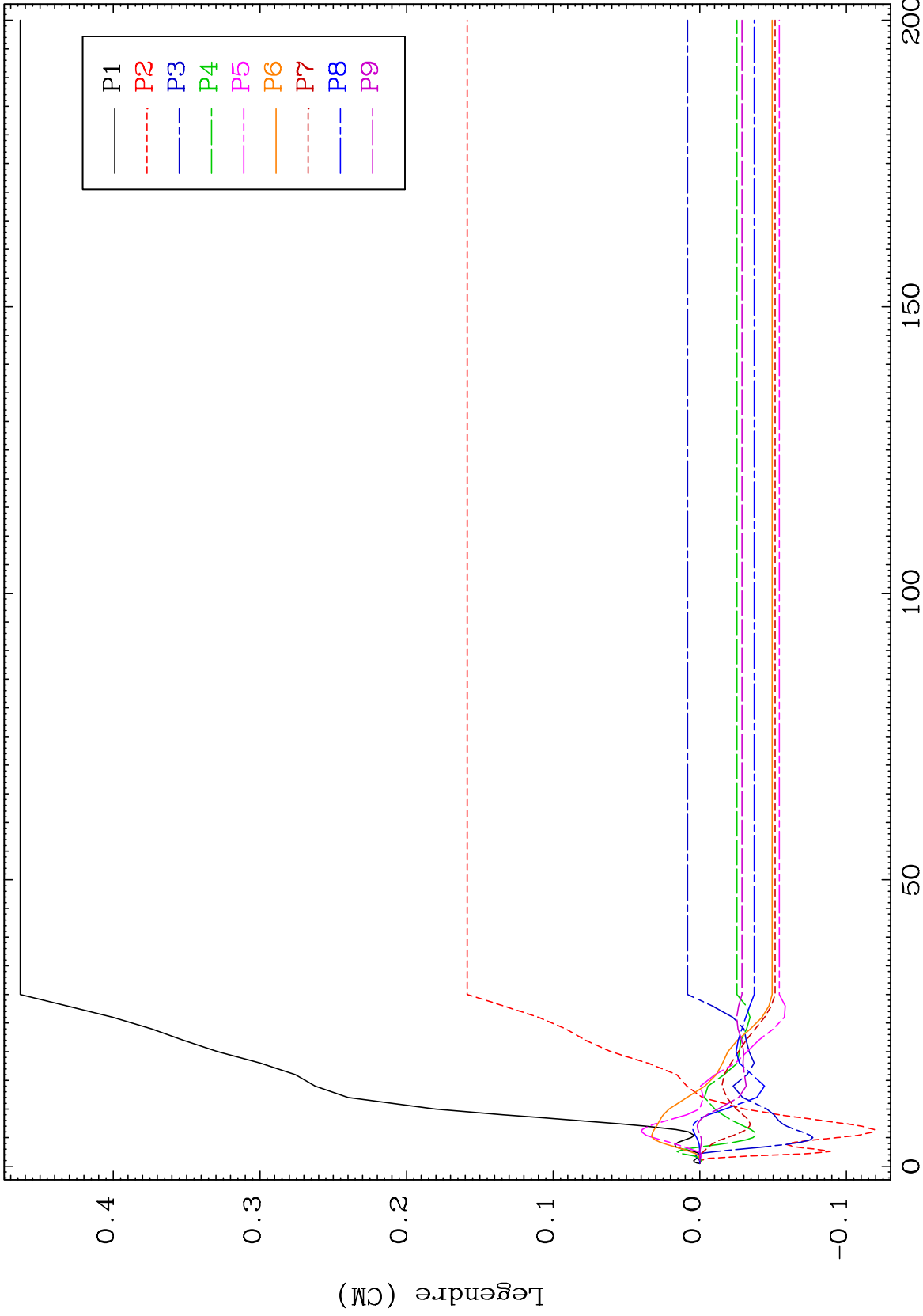
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



76

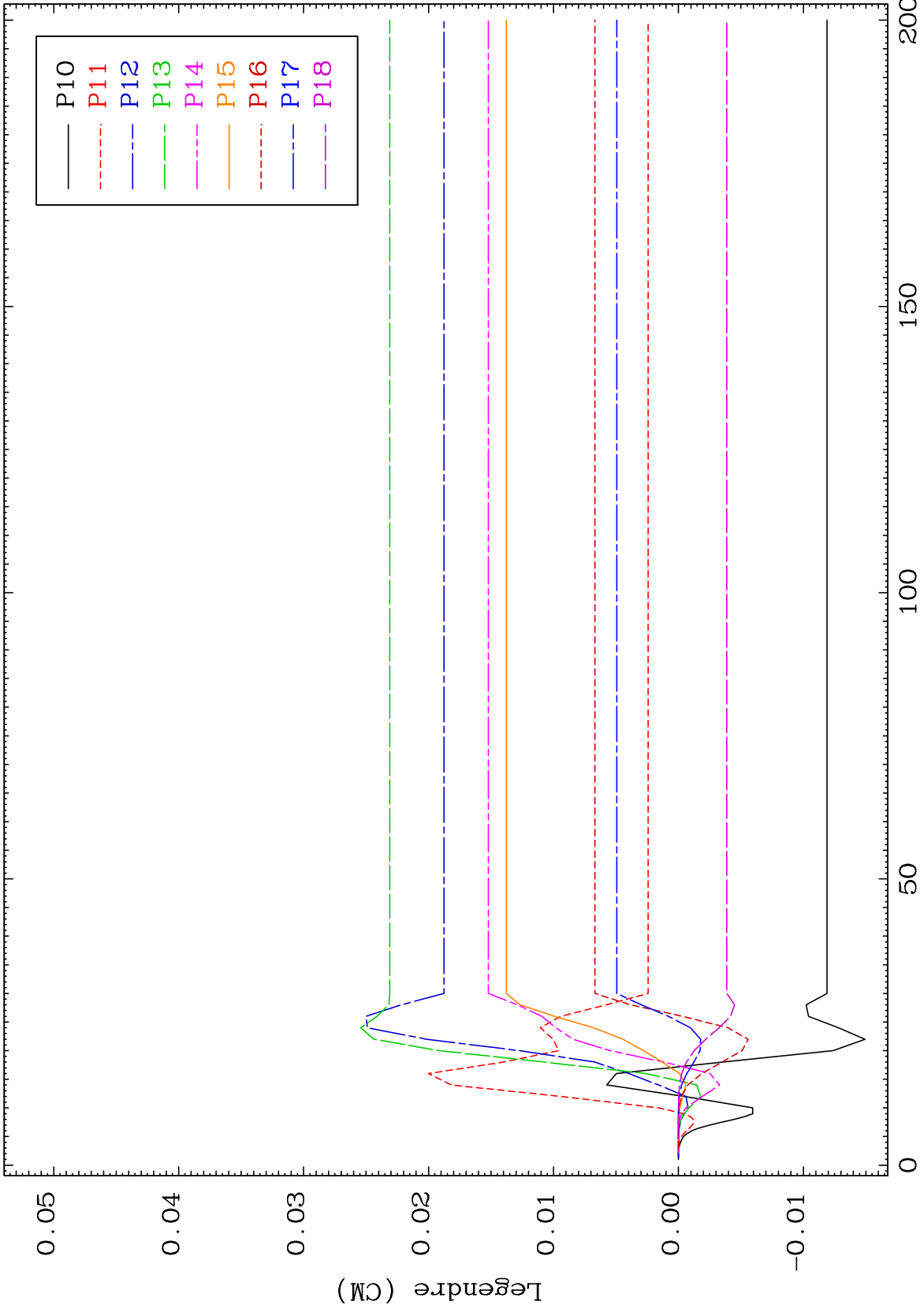
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



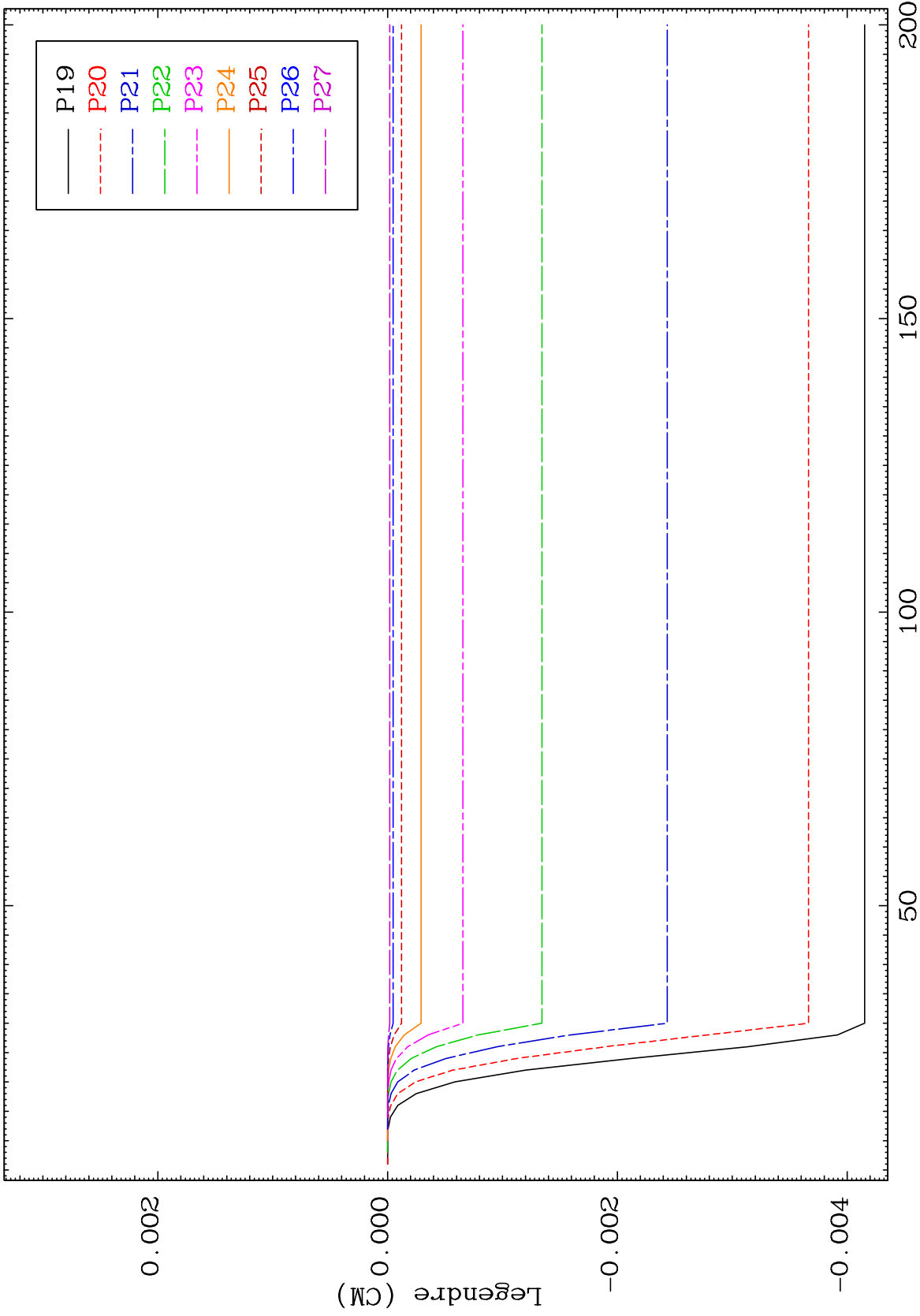
77

57-La-148

MAT 5755

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

57-La-148



78

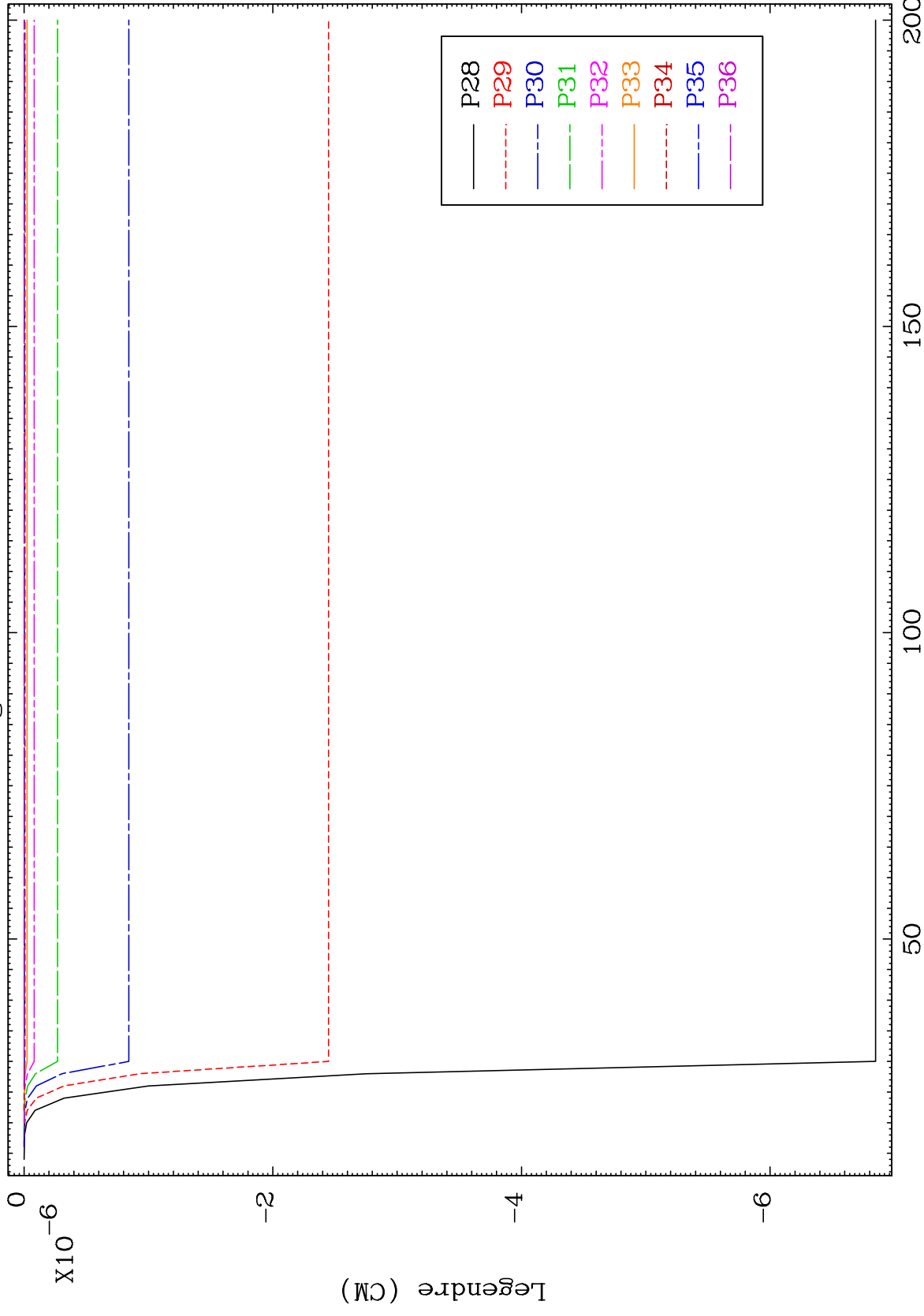
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



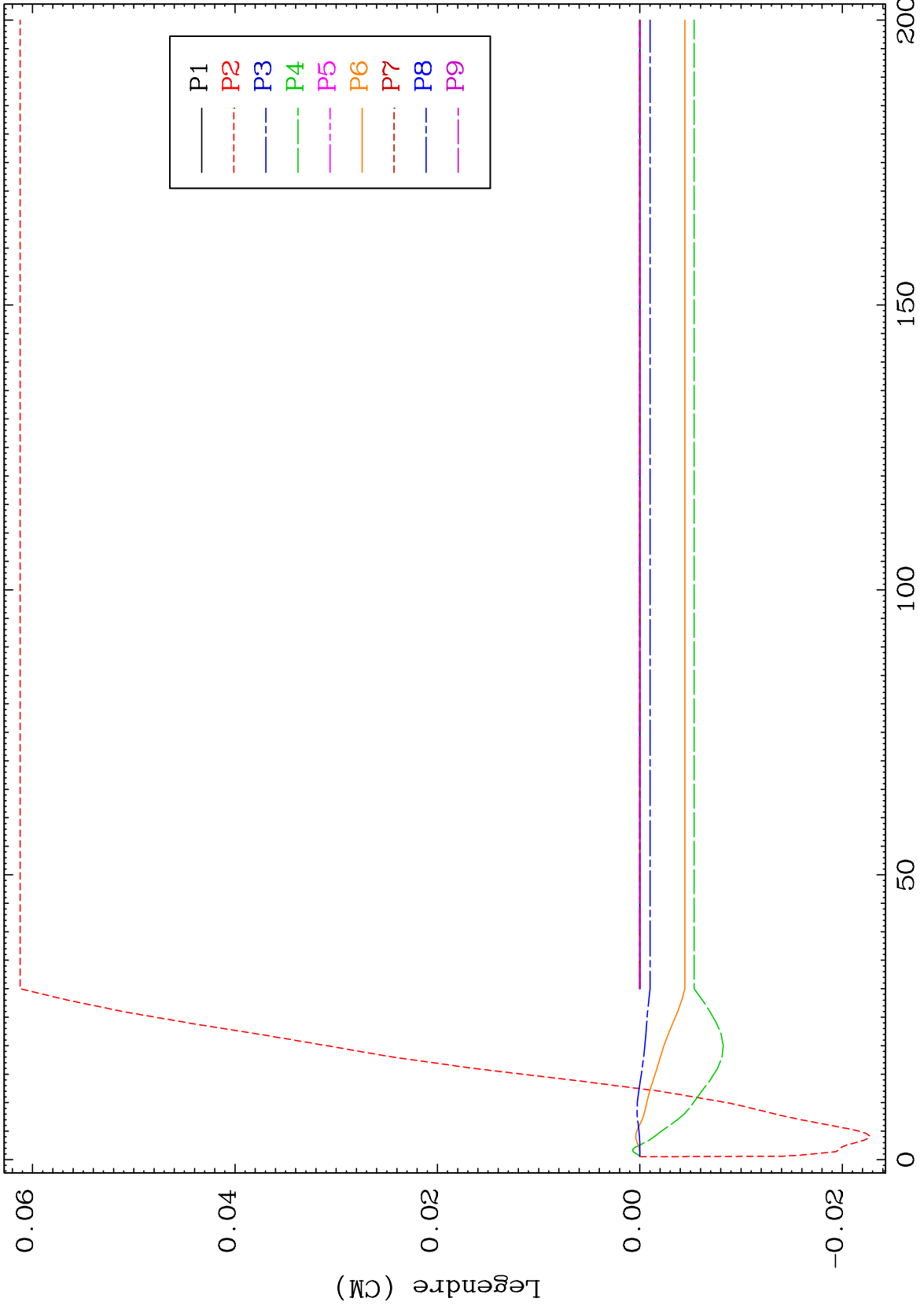
57-La-148

Incident Energy (MeV)

79



MAT 5755 MT= 69 (n,n') Level Legendre Coefficients 57-La-148

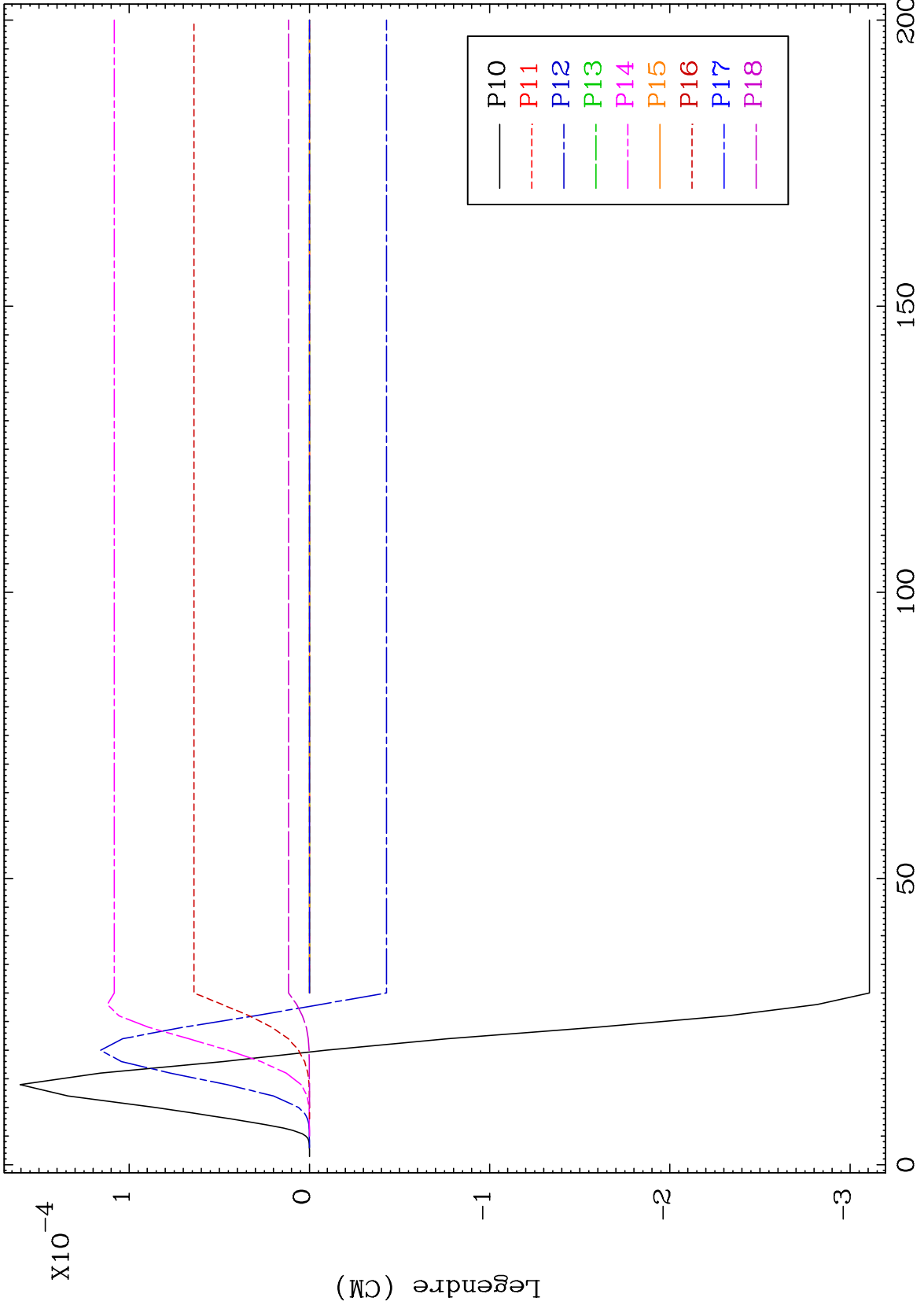


57-La-148

MAT 5755

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

57-La-148



81

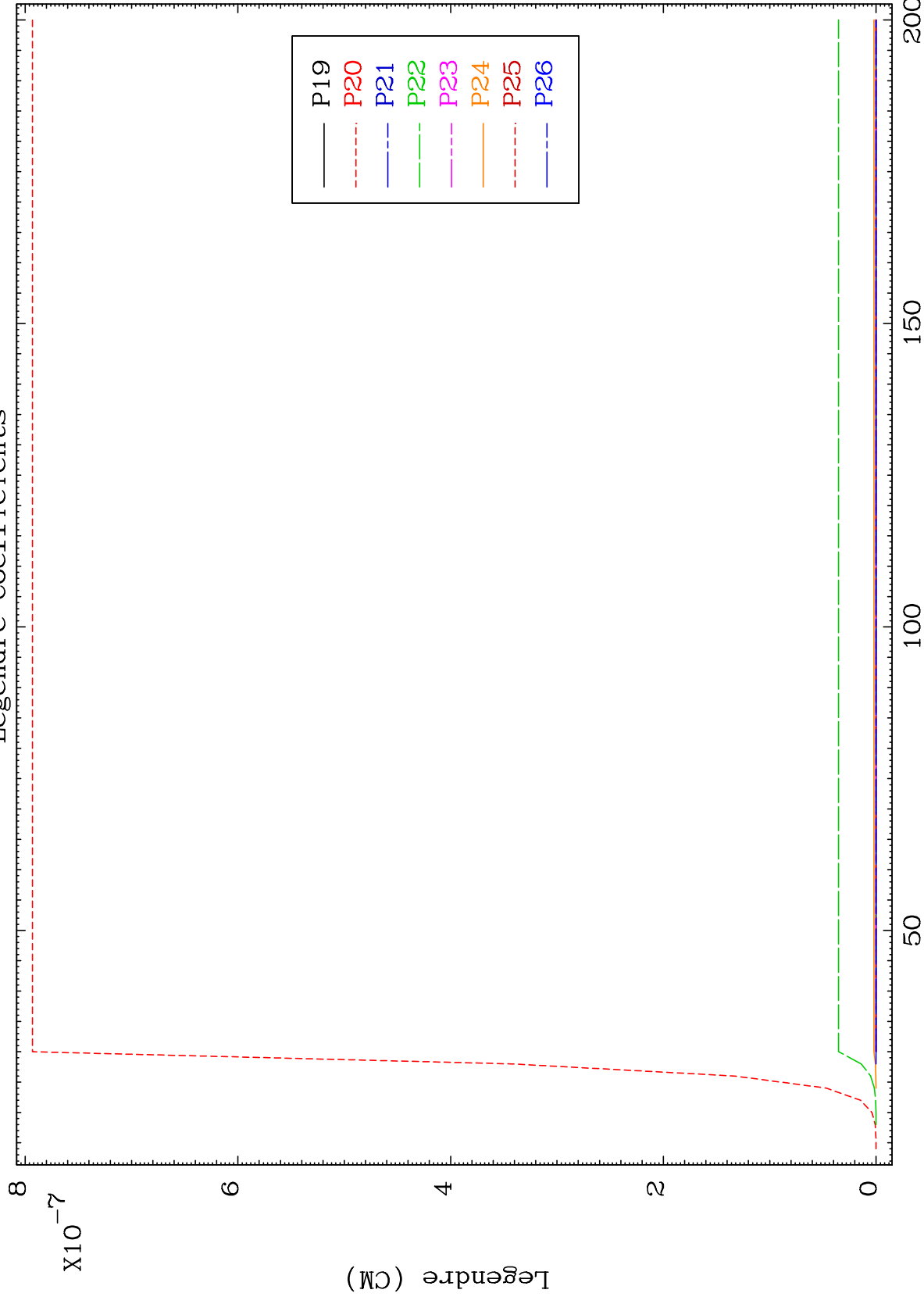
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



57-La-148

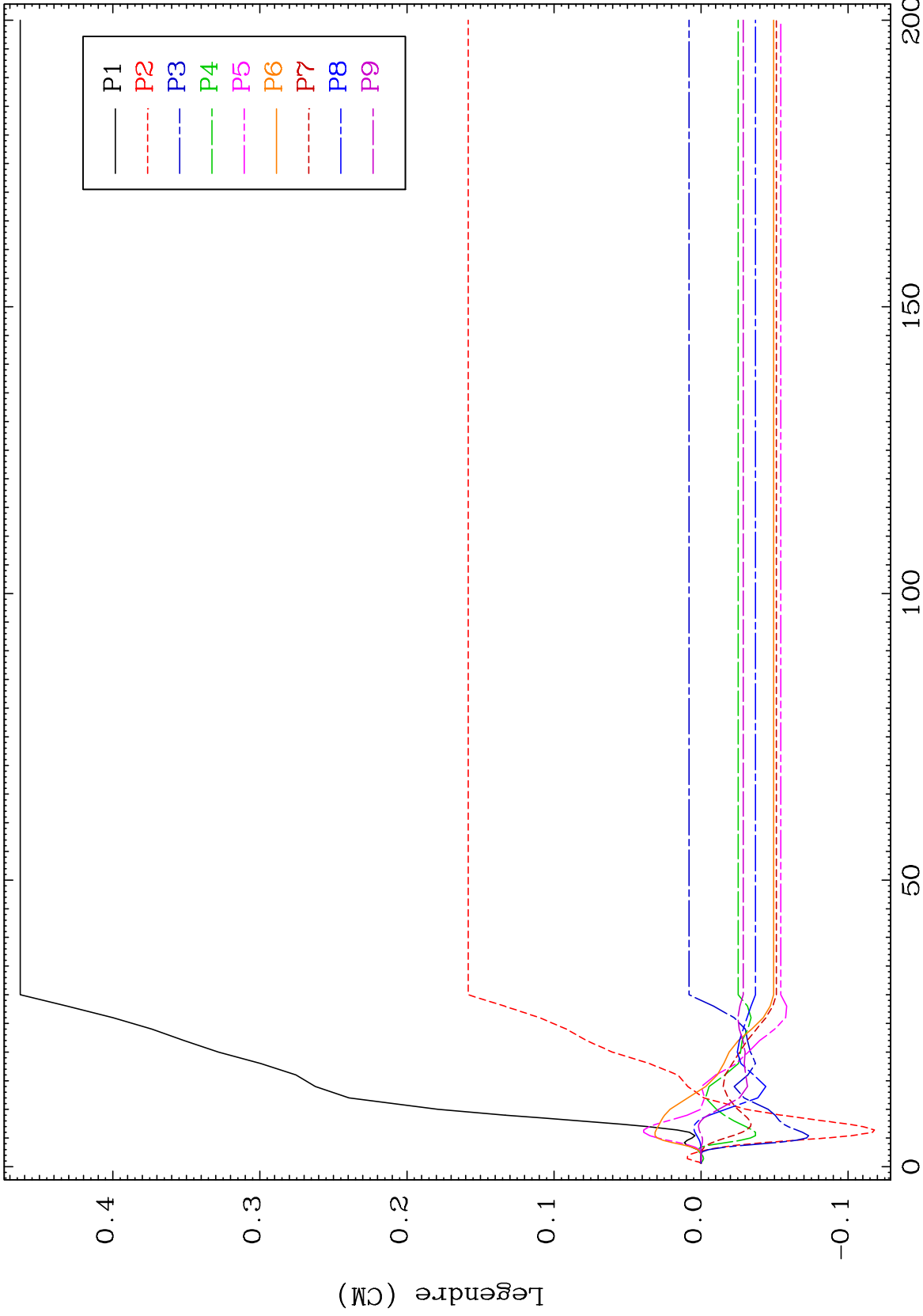
Incident Energy (MeV)

82

MAT 5755

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

57-La-148



83

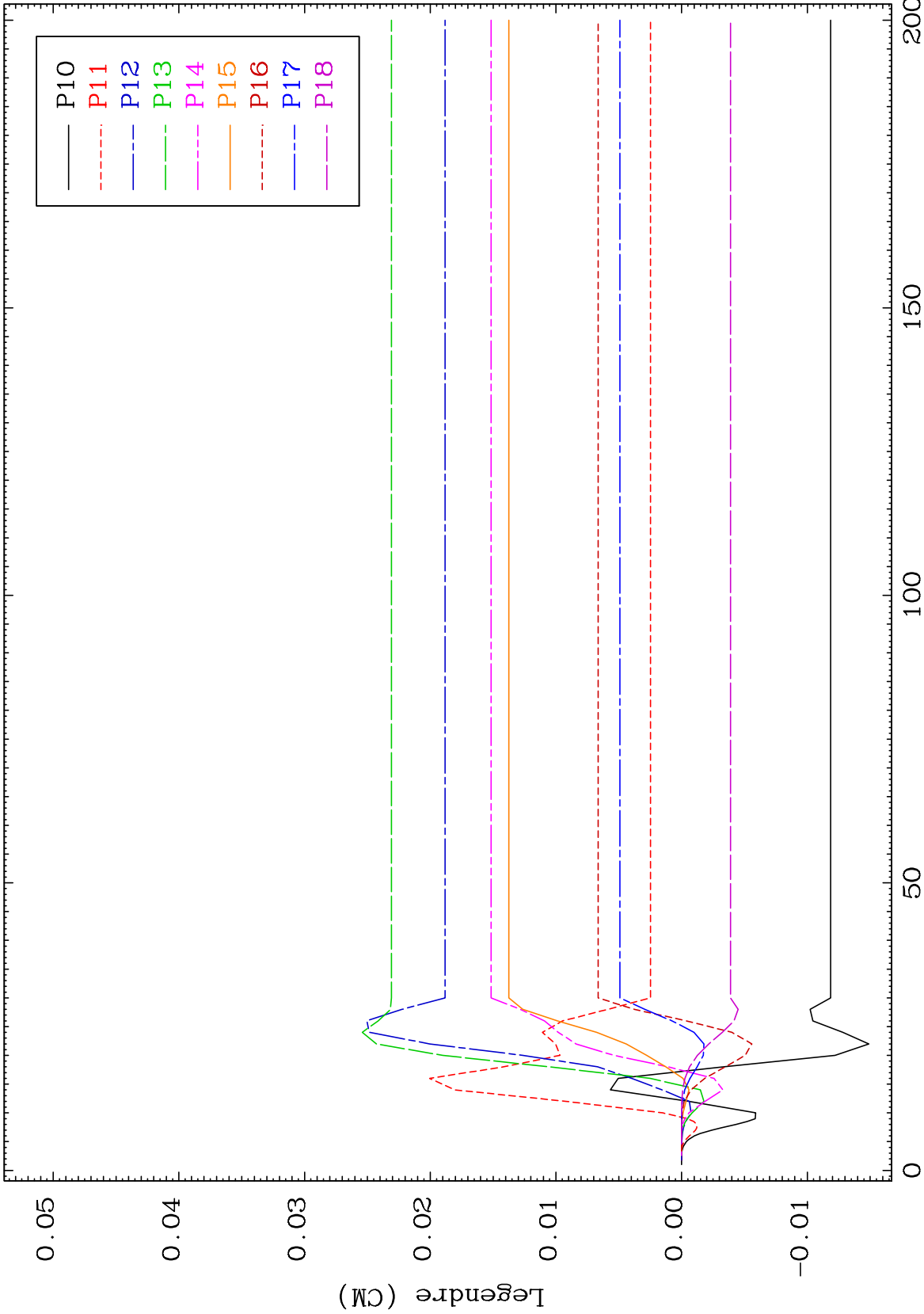
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



84

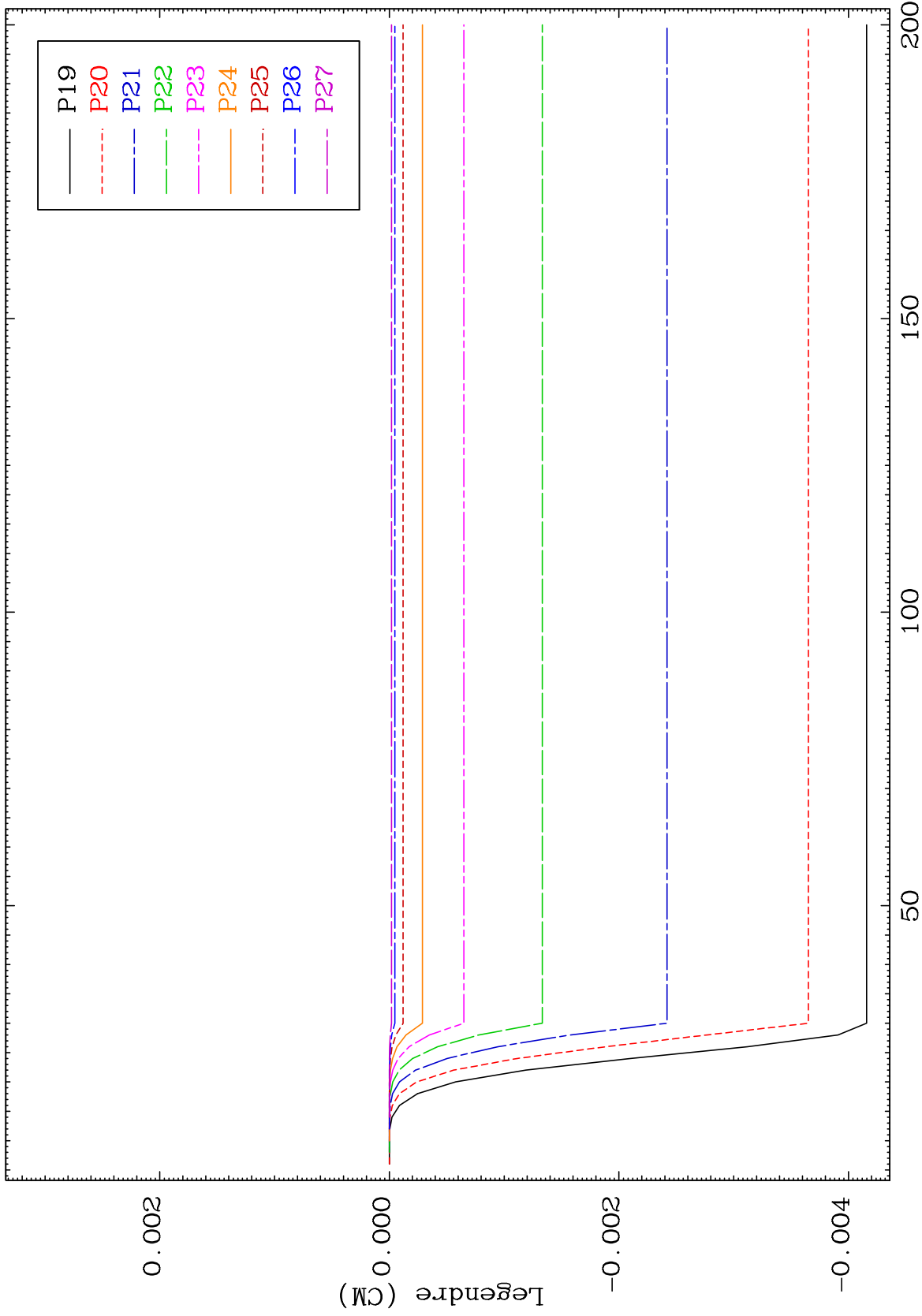
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



85

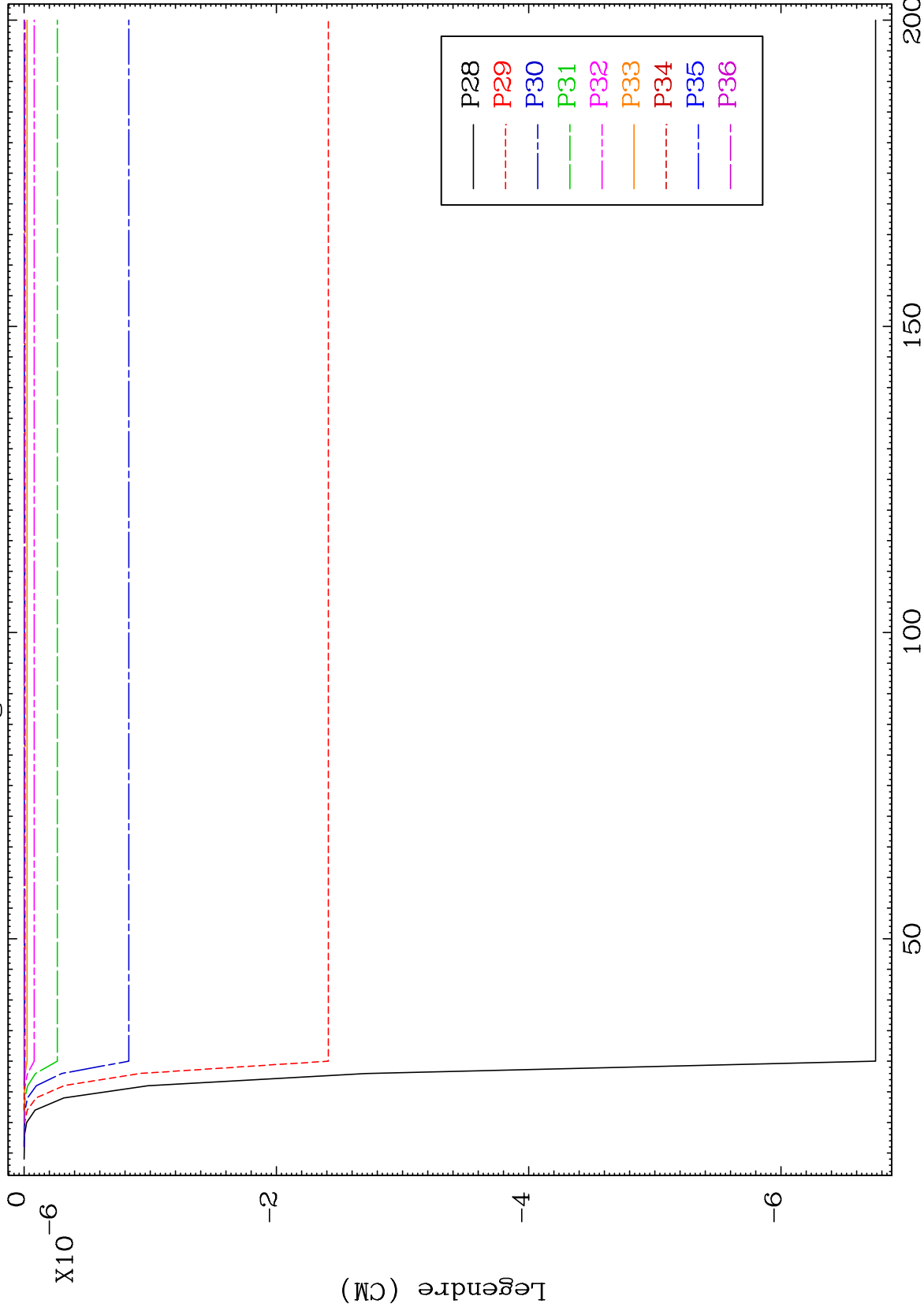
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



57-La-148

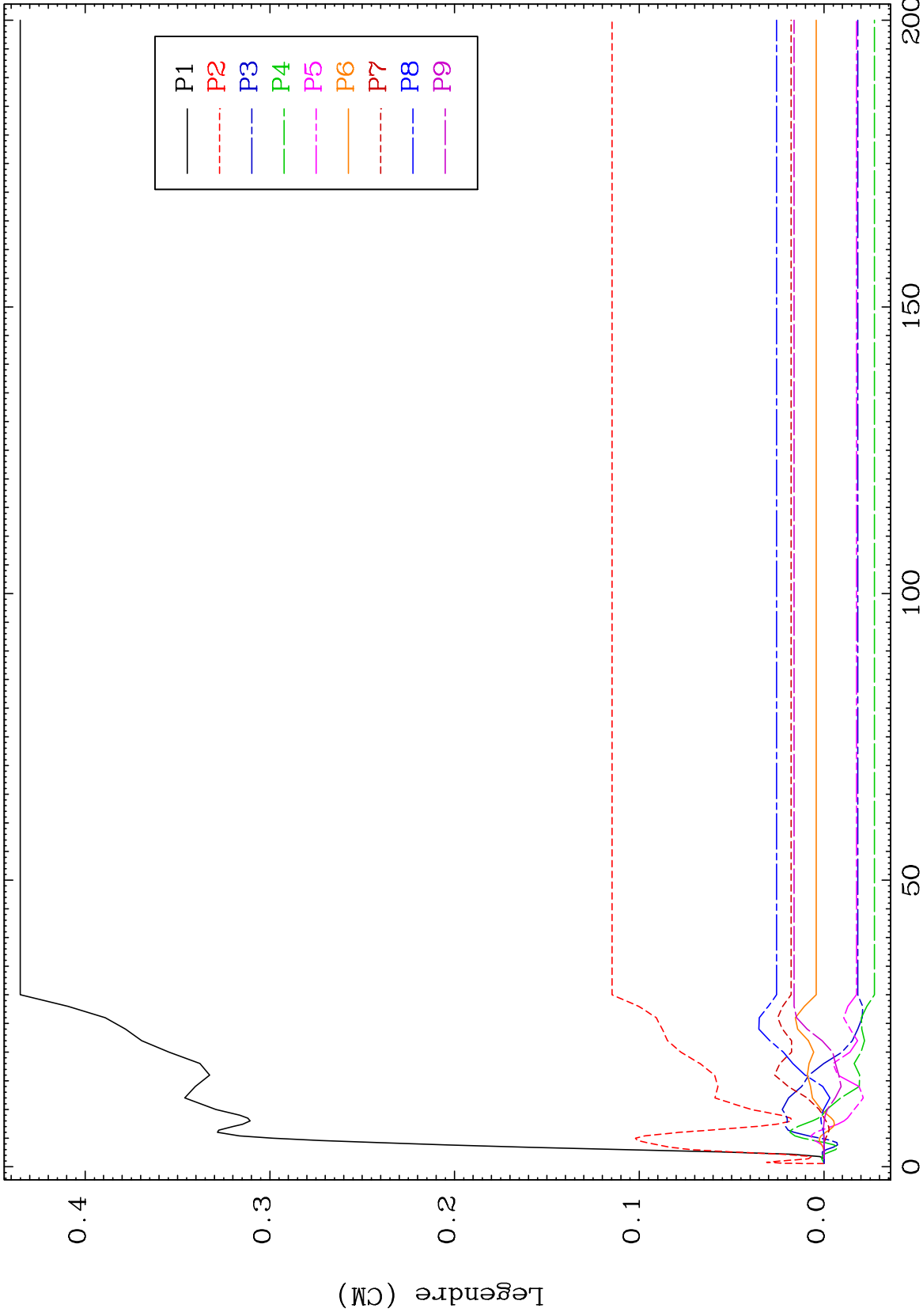
Incident Energy (MeV)

86

MAT 5755

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

57-La-148



87

Incident Energy (MeV)

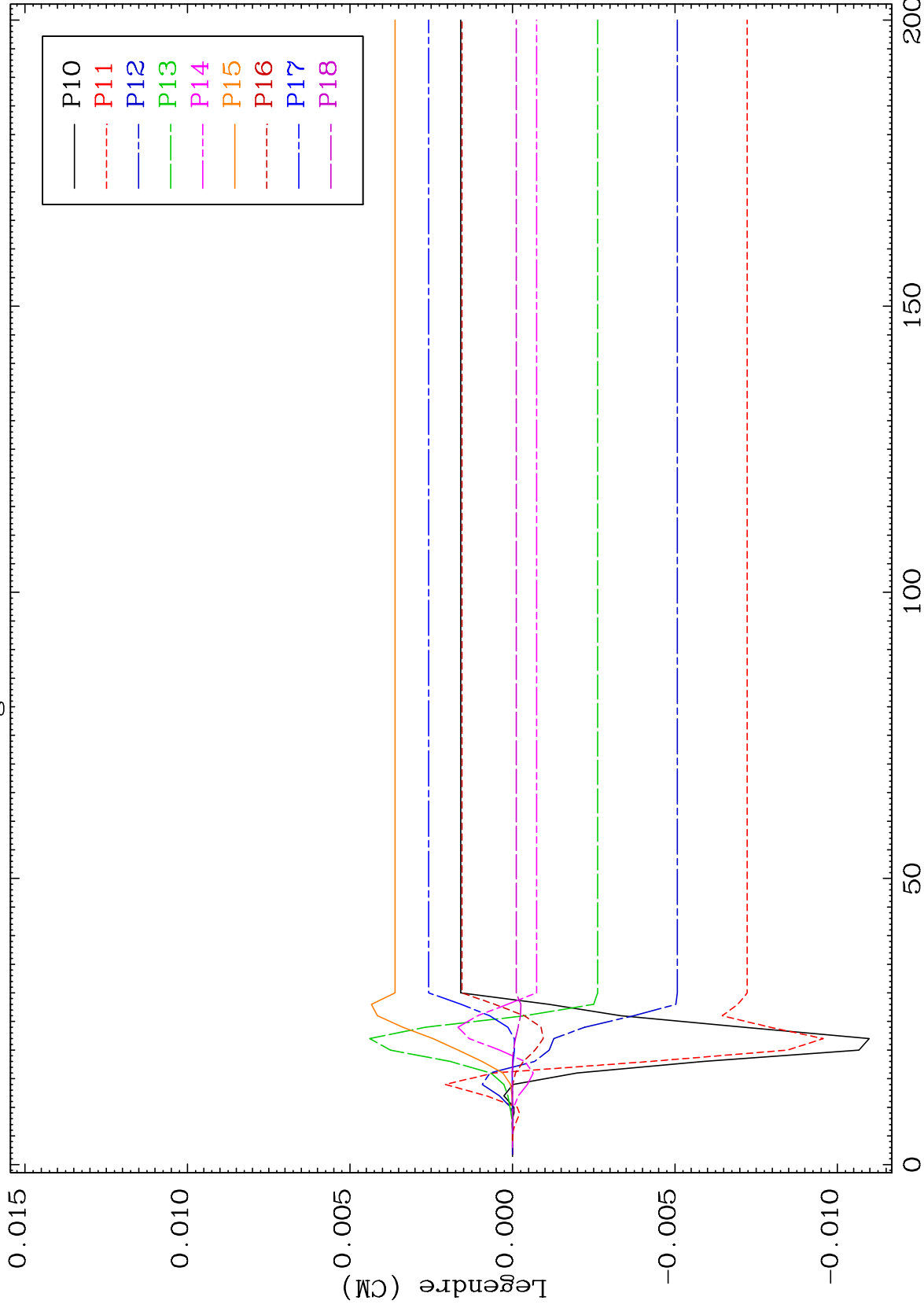
57-La-148



MAT 5755

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

57-La-148



88

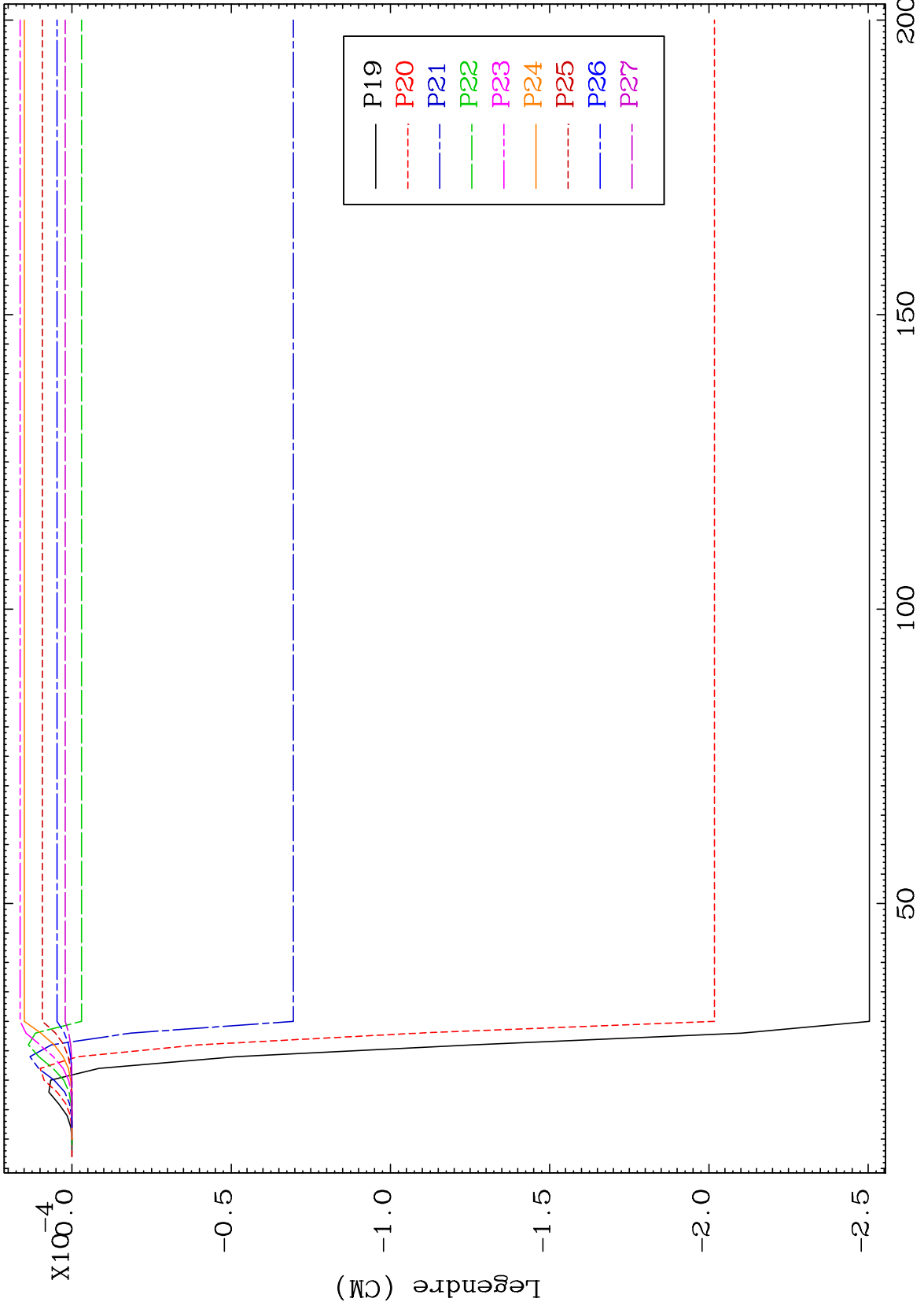
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



57-La-148

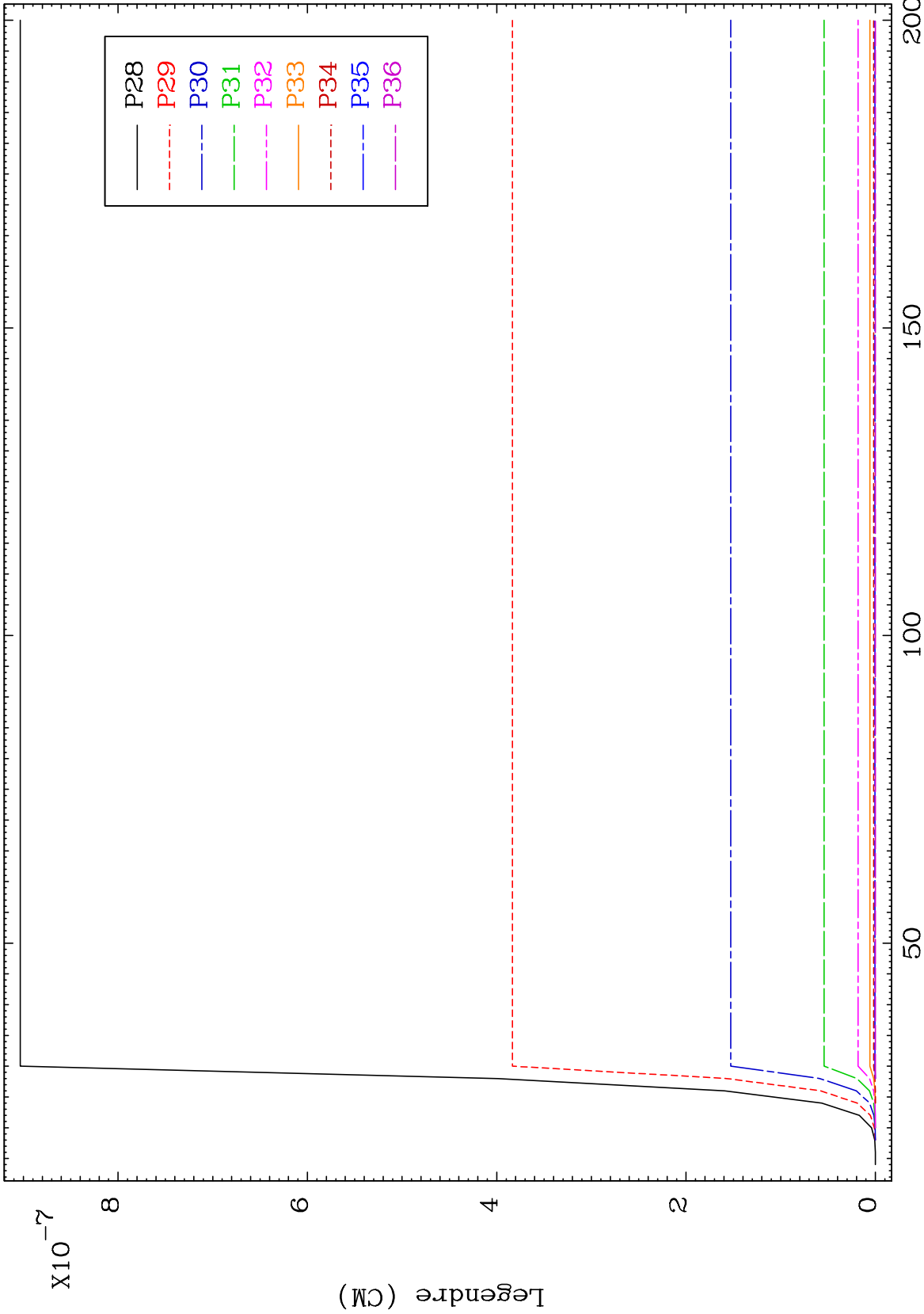
Incident Energy (MeV)

89

MAT 5755

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

57-La-148



90

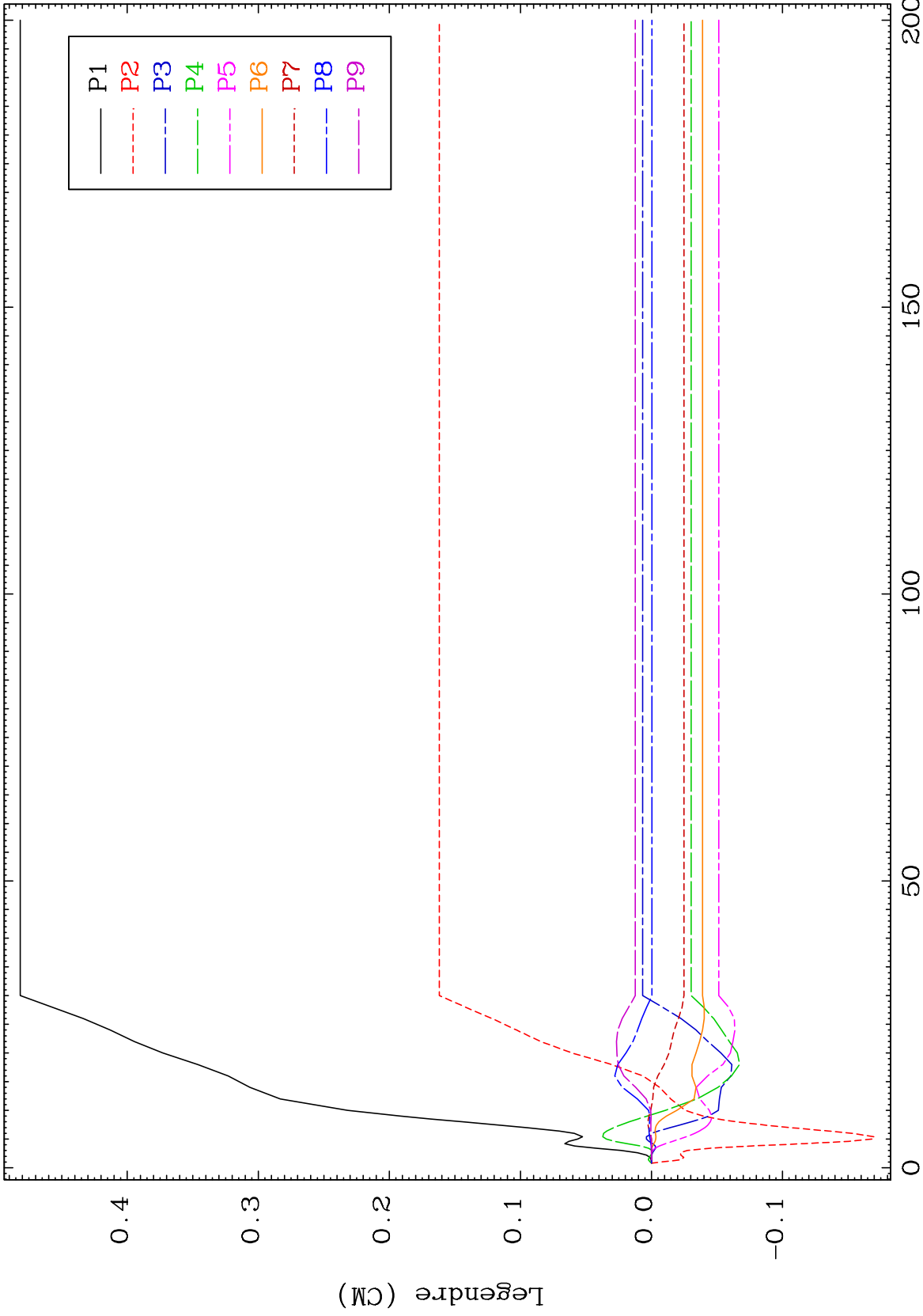
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148

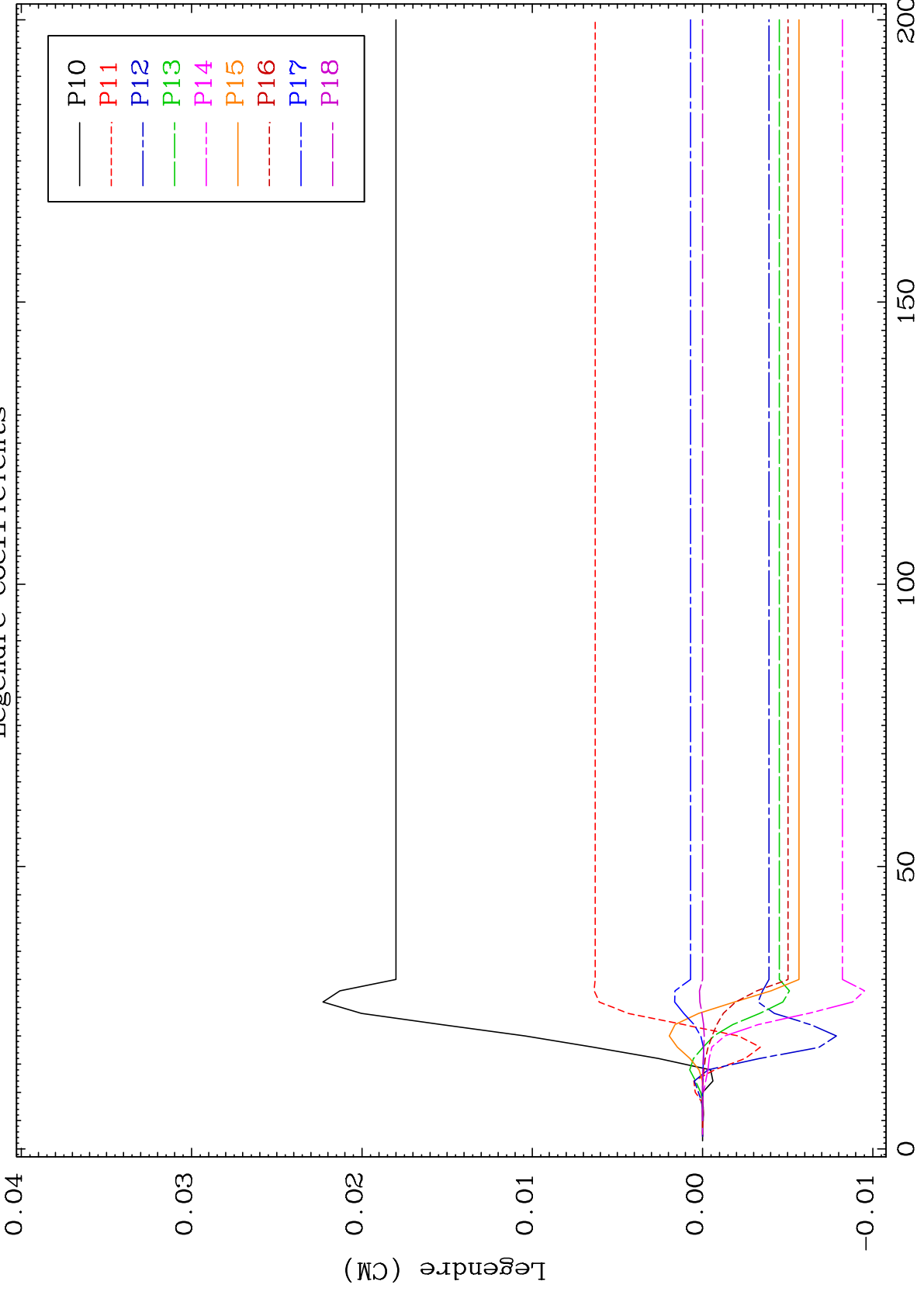


91

Incident Energy (MeV)

57-La-148

MAT 5755 MT= 72 (n,n') Level Legendre Coefficients 57-La-148

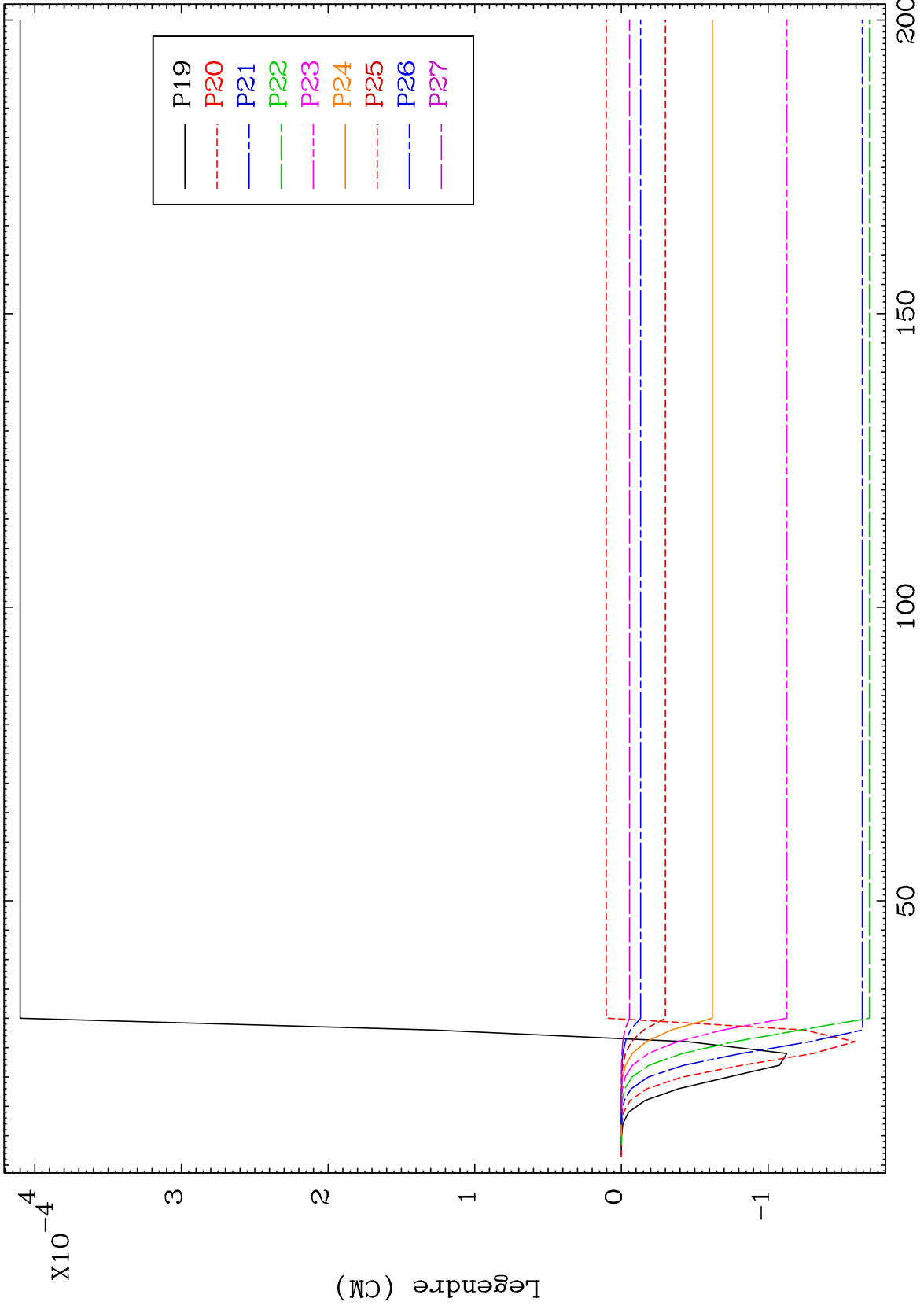


92 57-La-148

MAT 5755

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

57-La-148



93

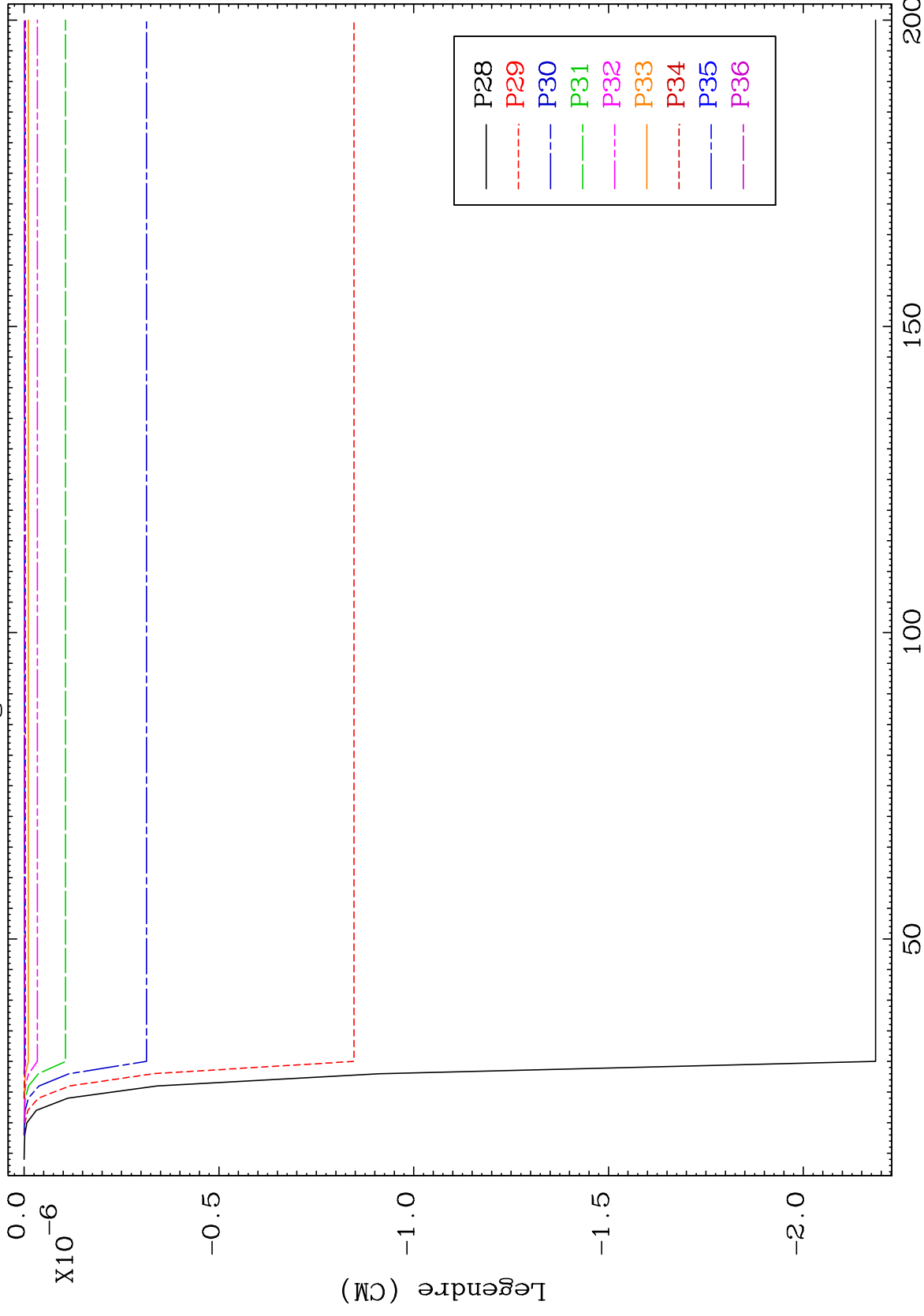
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



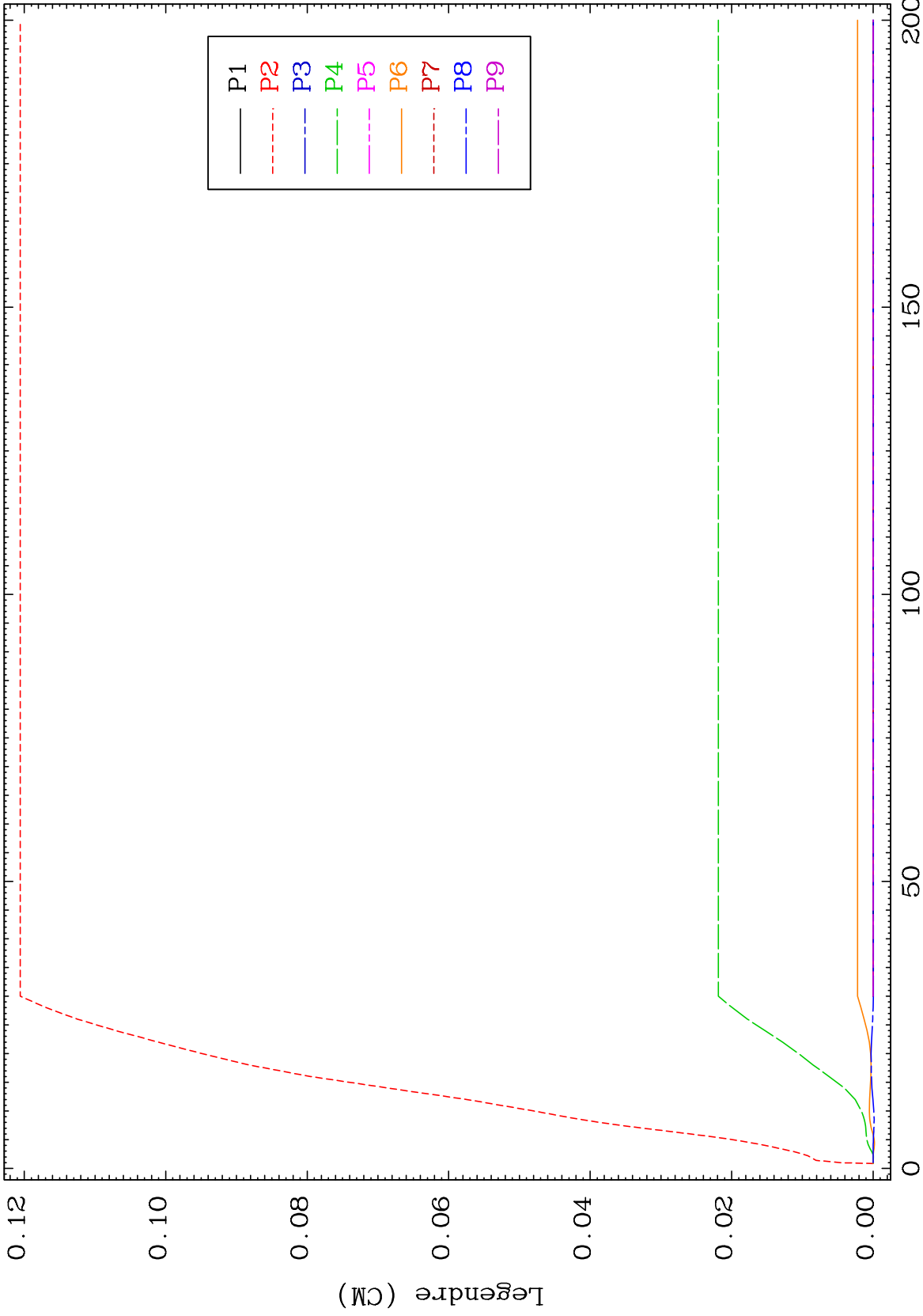
94

57-La-148

MAT 5755

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

57-La-148



95

Incident Energy (MeV)

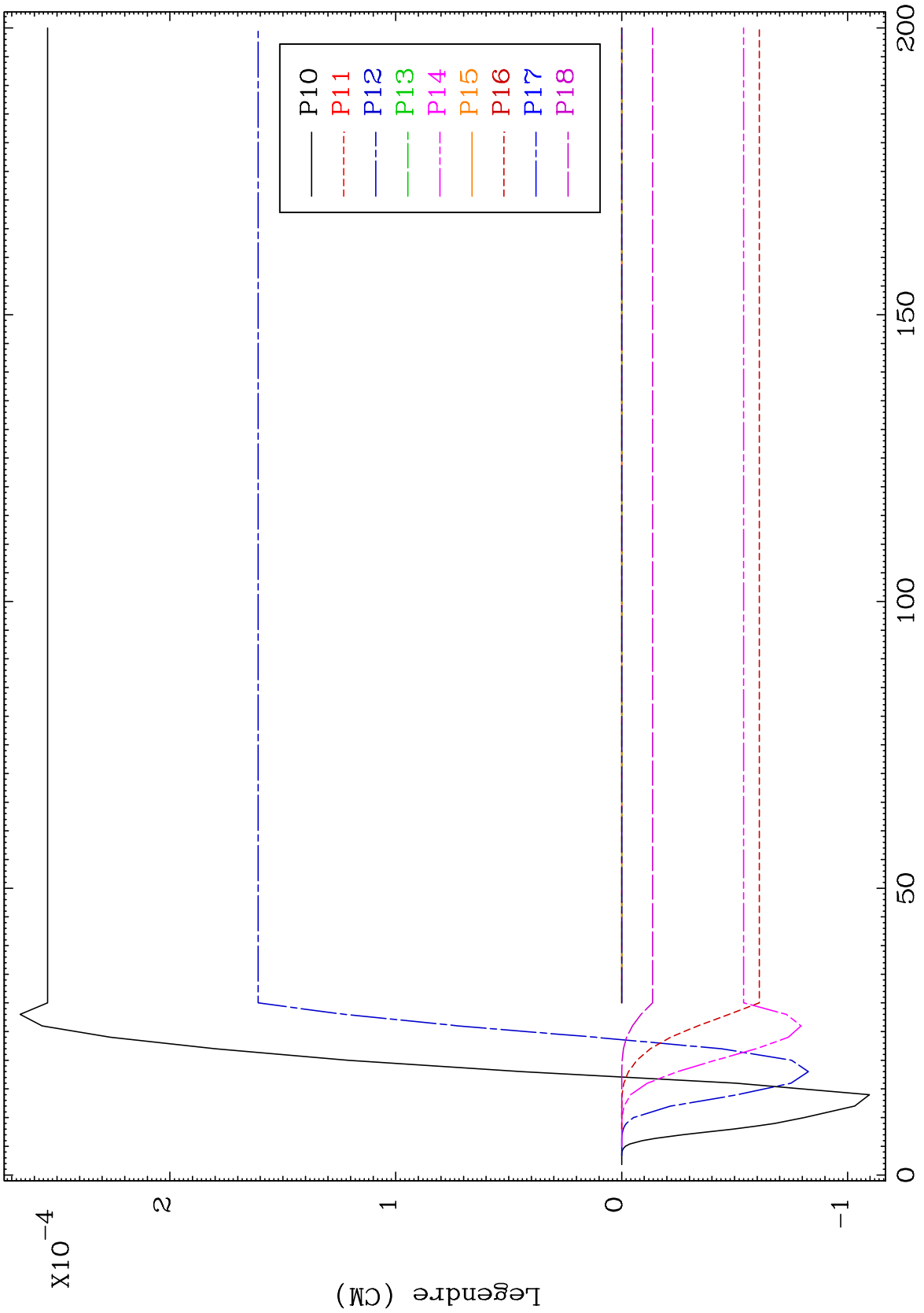
57-La-148



MAT 5755

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

57-La-148



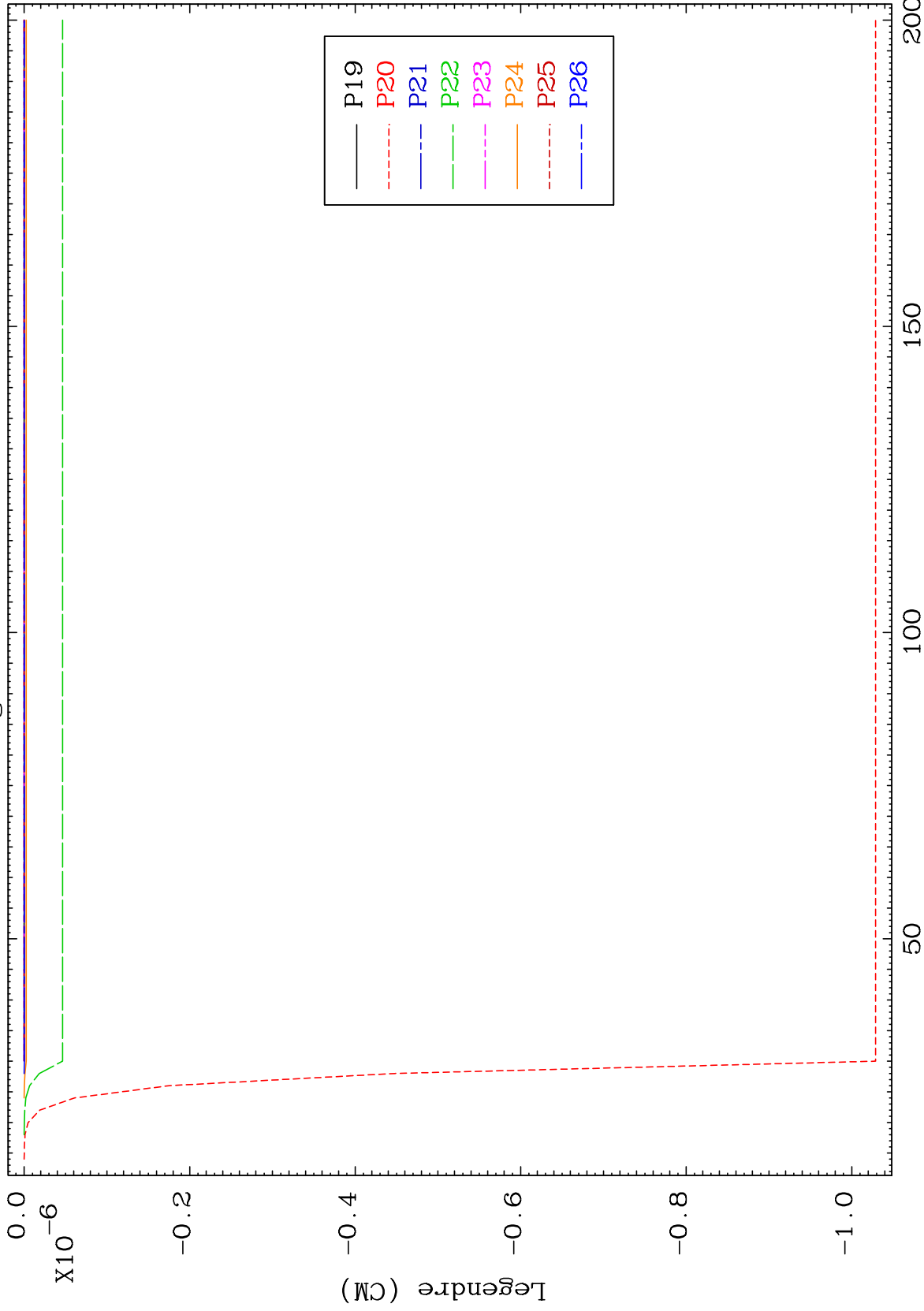
96

57-La-148

MAT 5755

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

57-La-148



97

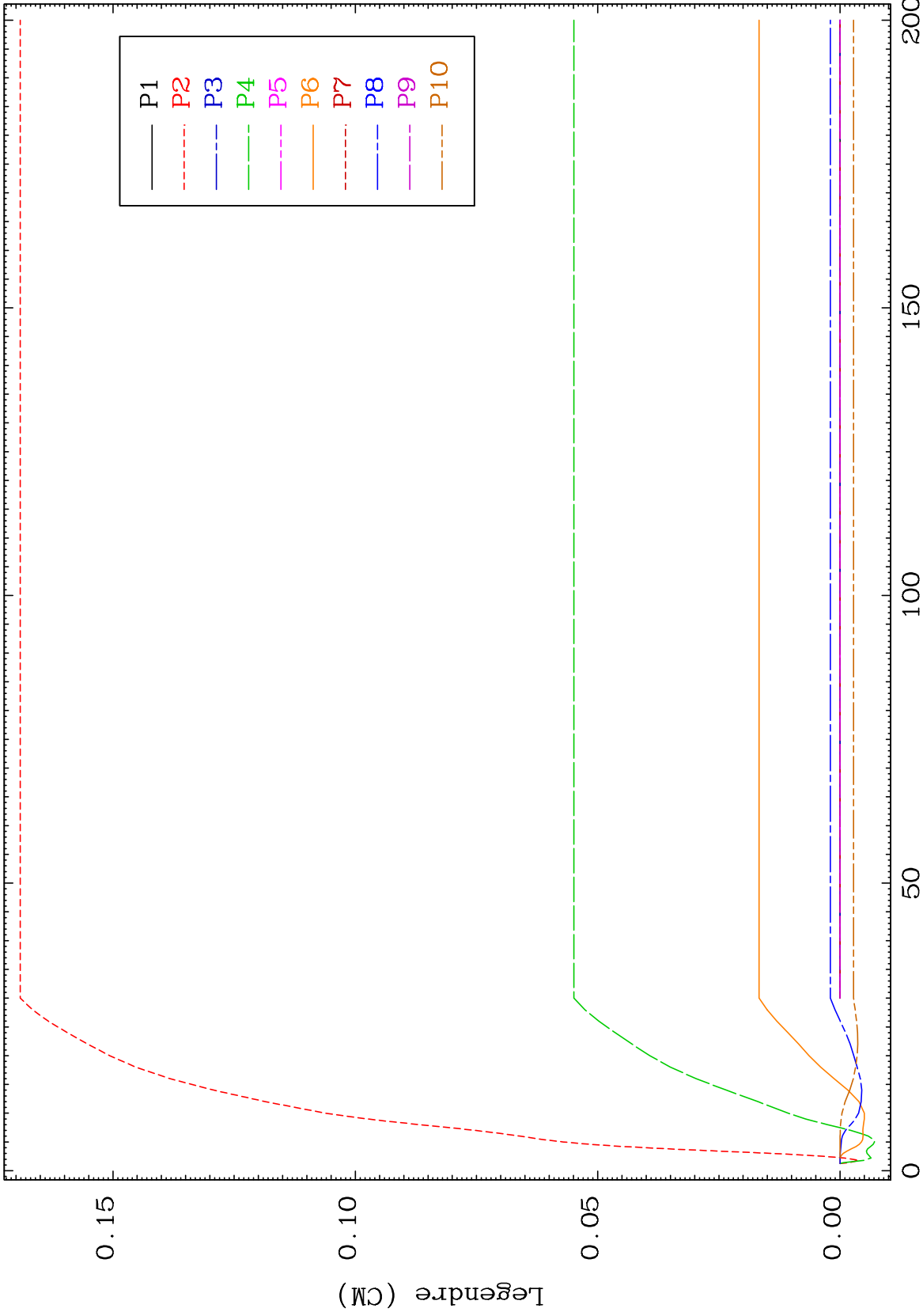
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



98

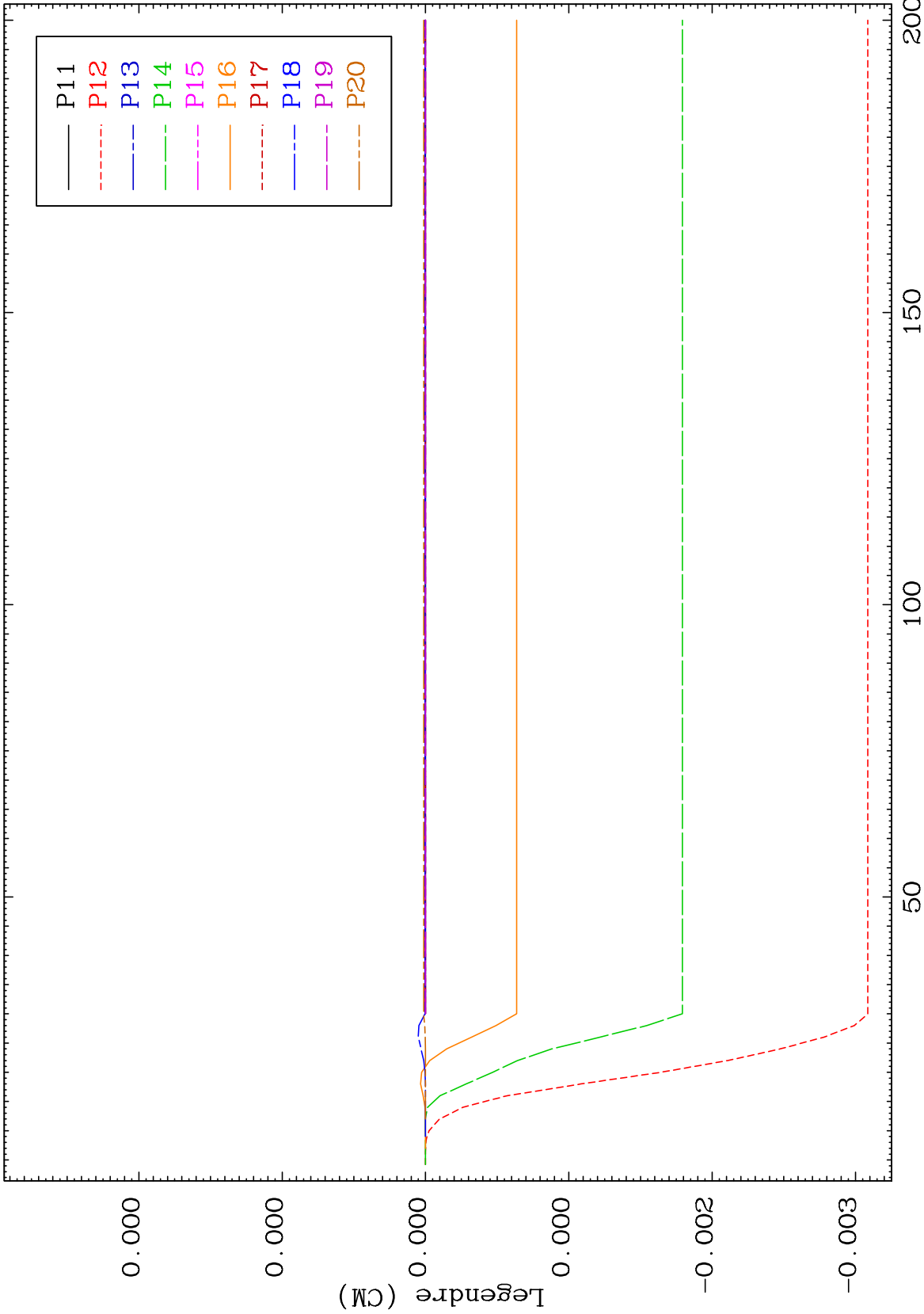
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



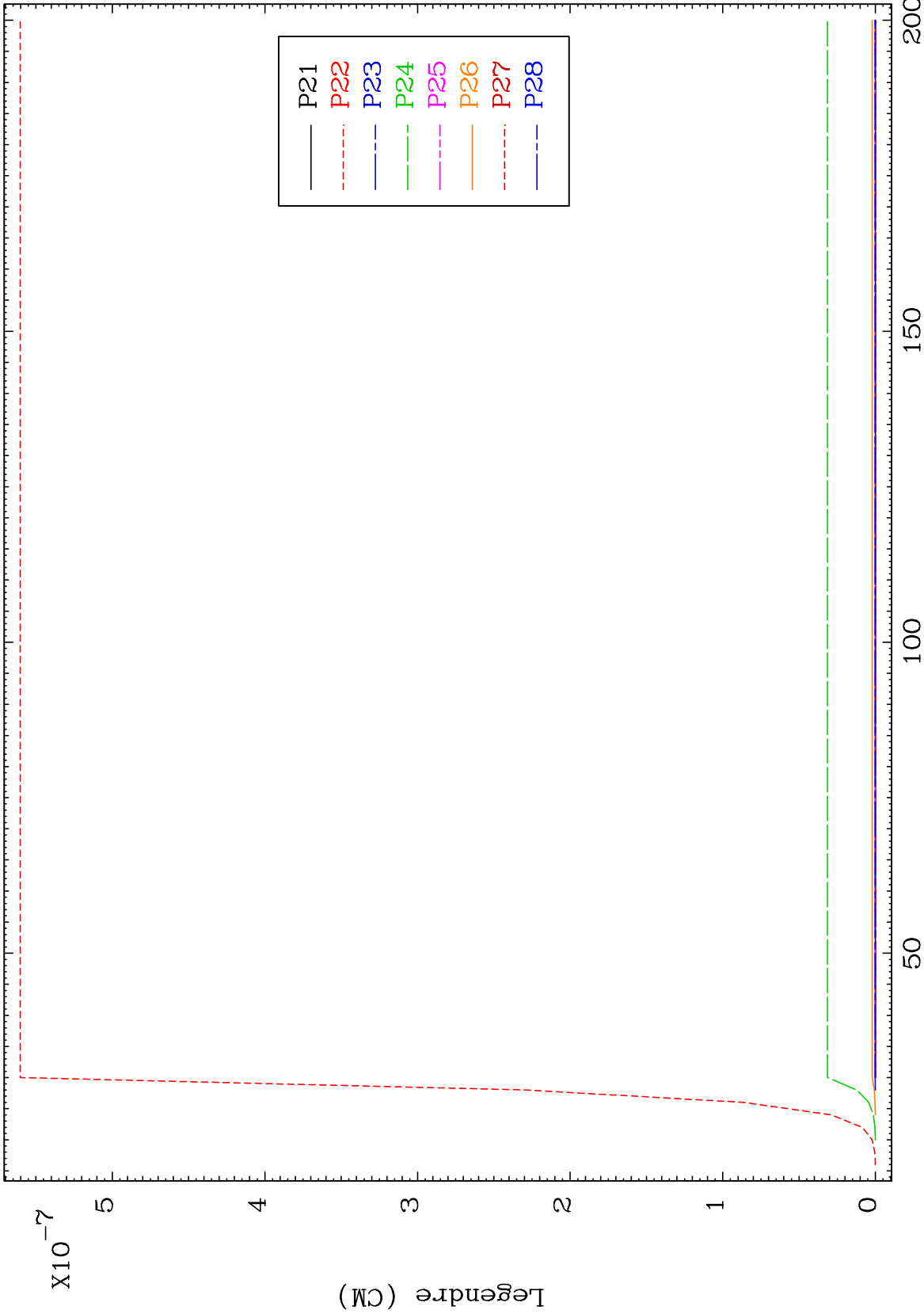
99

57-La-148

MAT 5755

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

57-La-148



100

50

100

150

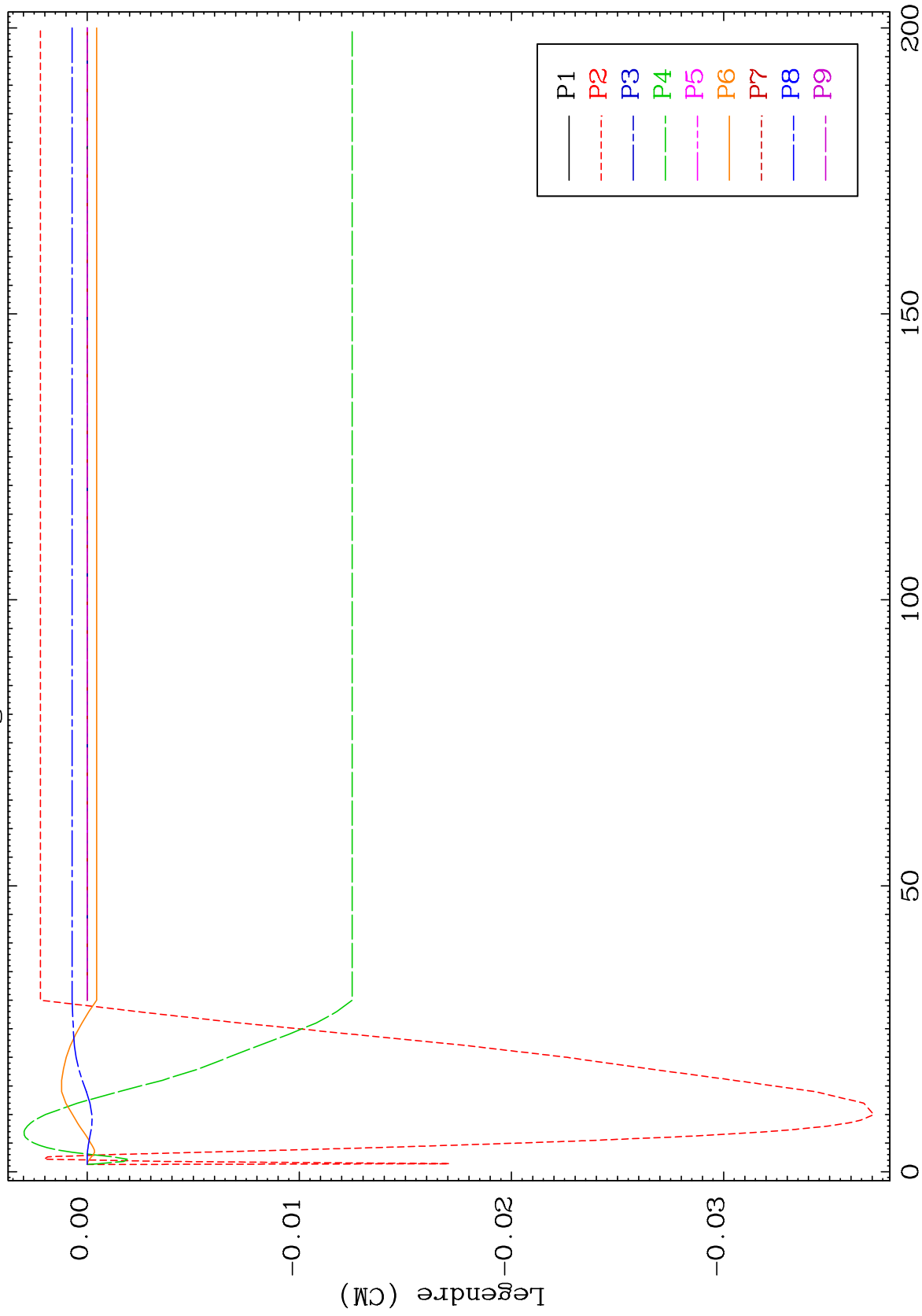
200

57-La-148

MAT 5755

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

57-La-148



101

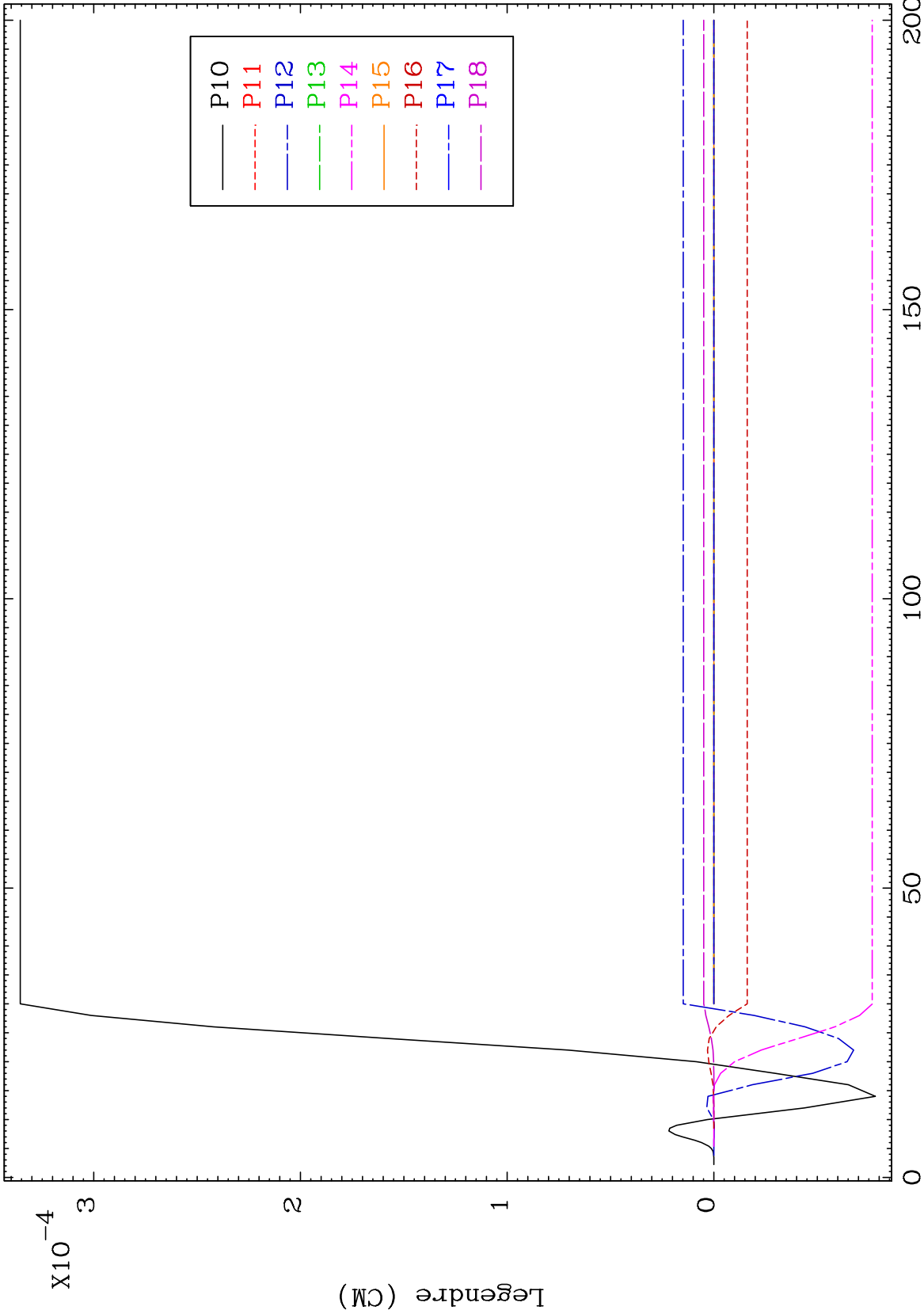
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



102

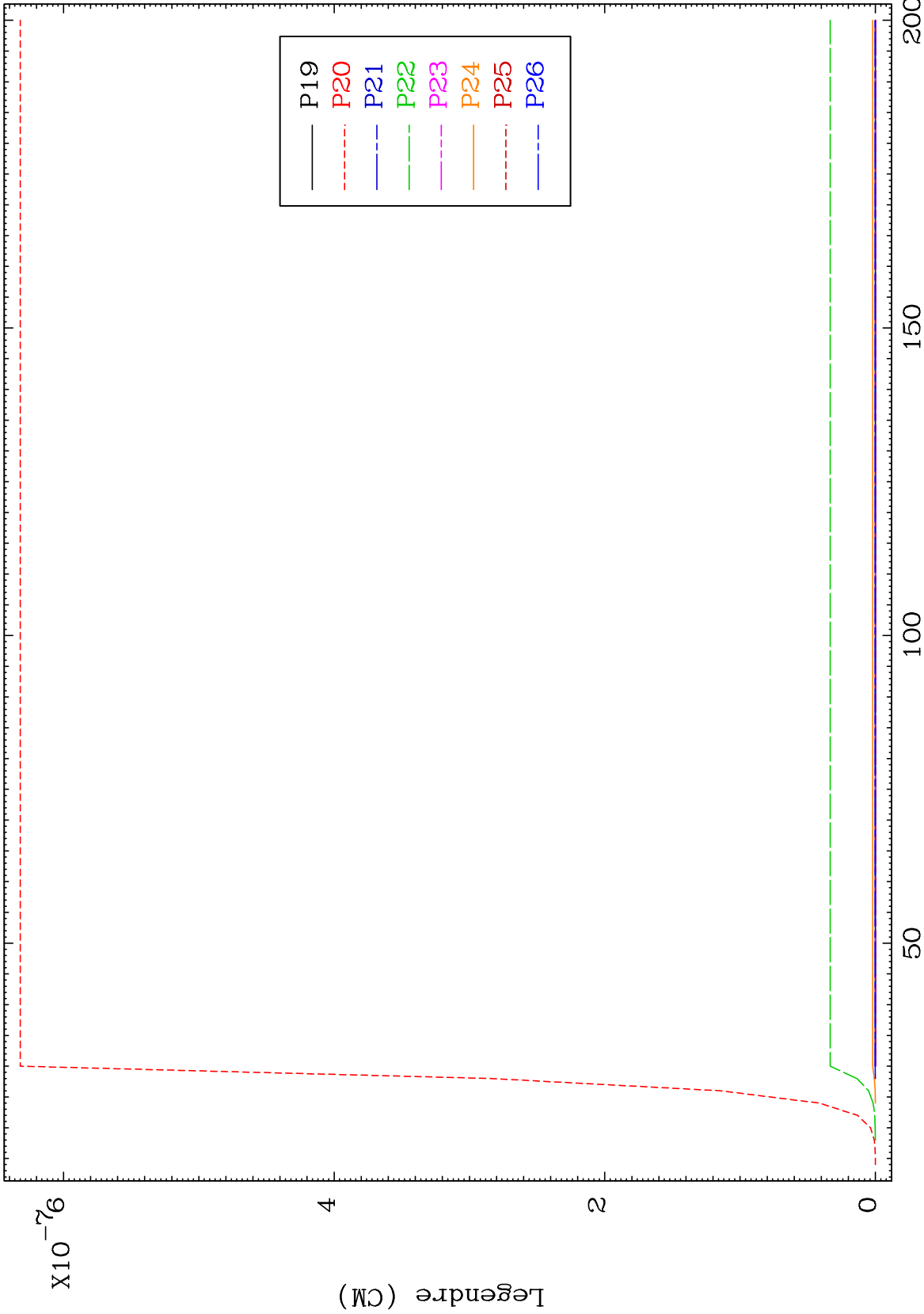
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



103

Incident Energy (MeV)

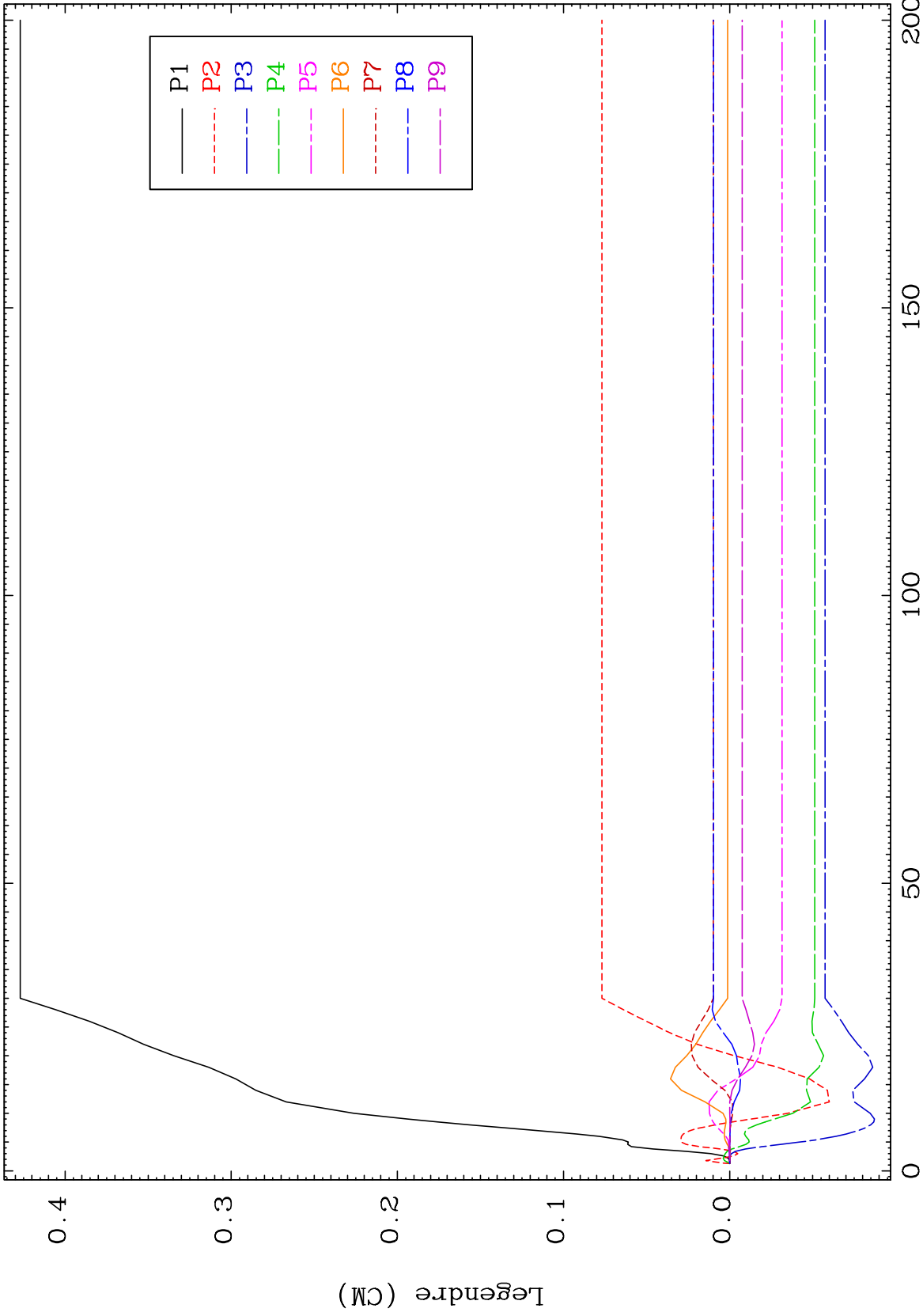
57-La-148



MAT 5755

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

57-La-148



57-La-148

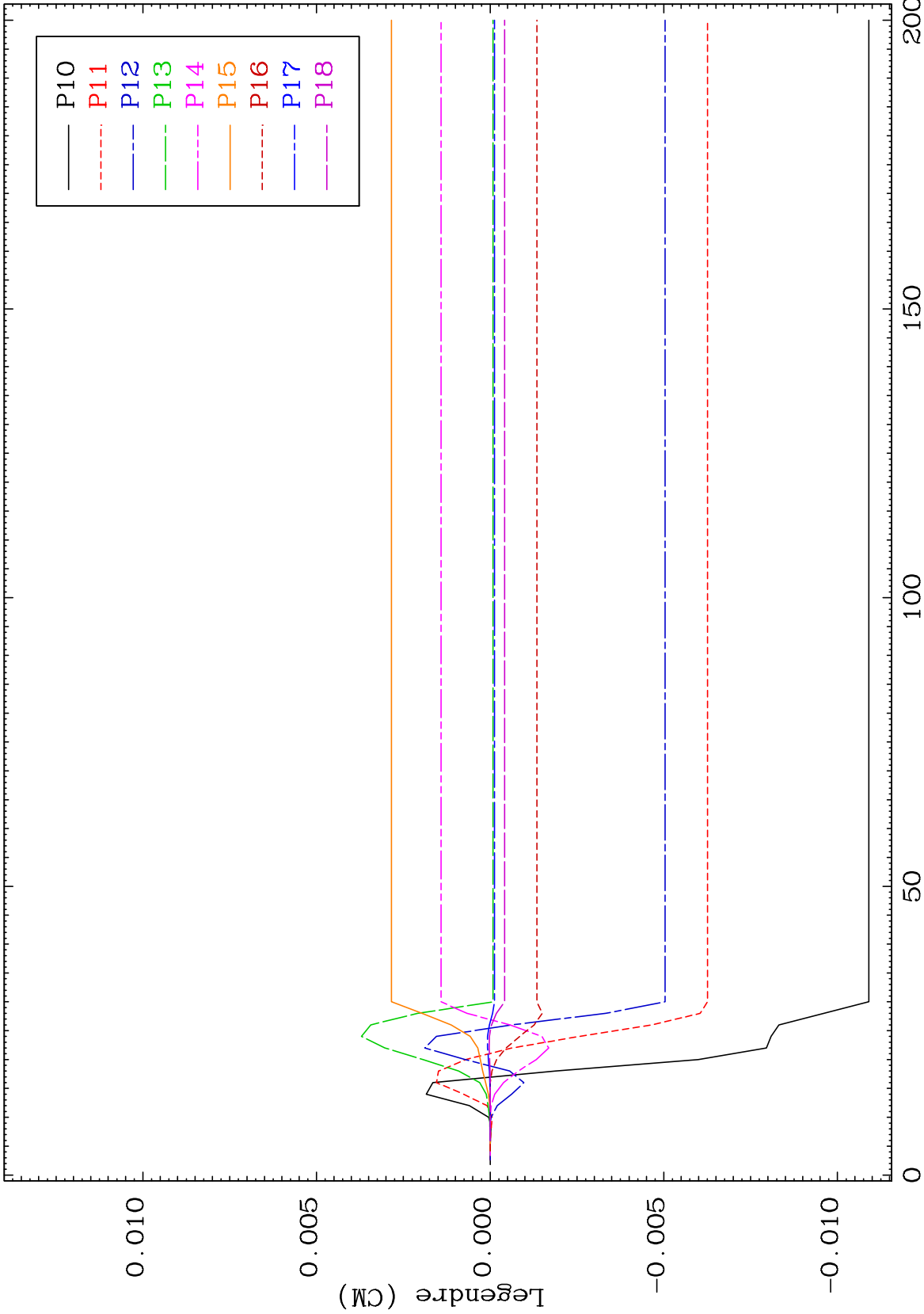
Incident Energy (MeV)

104

MAT 5755

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

57-La-148



105

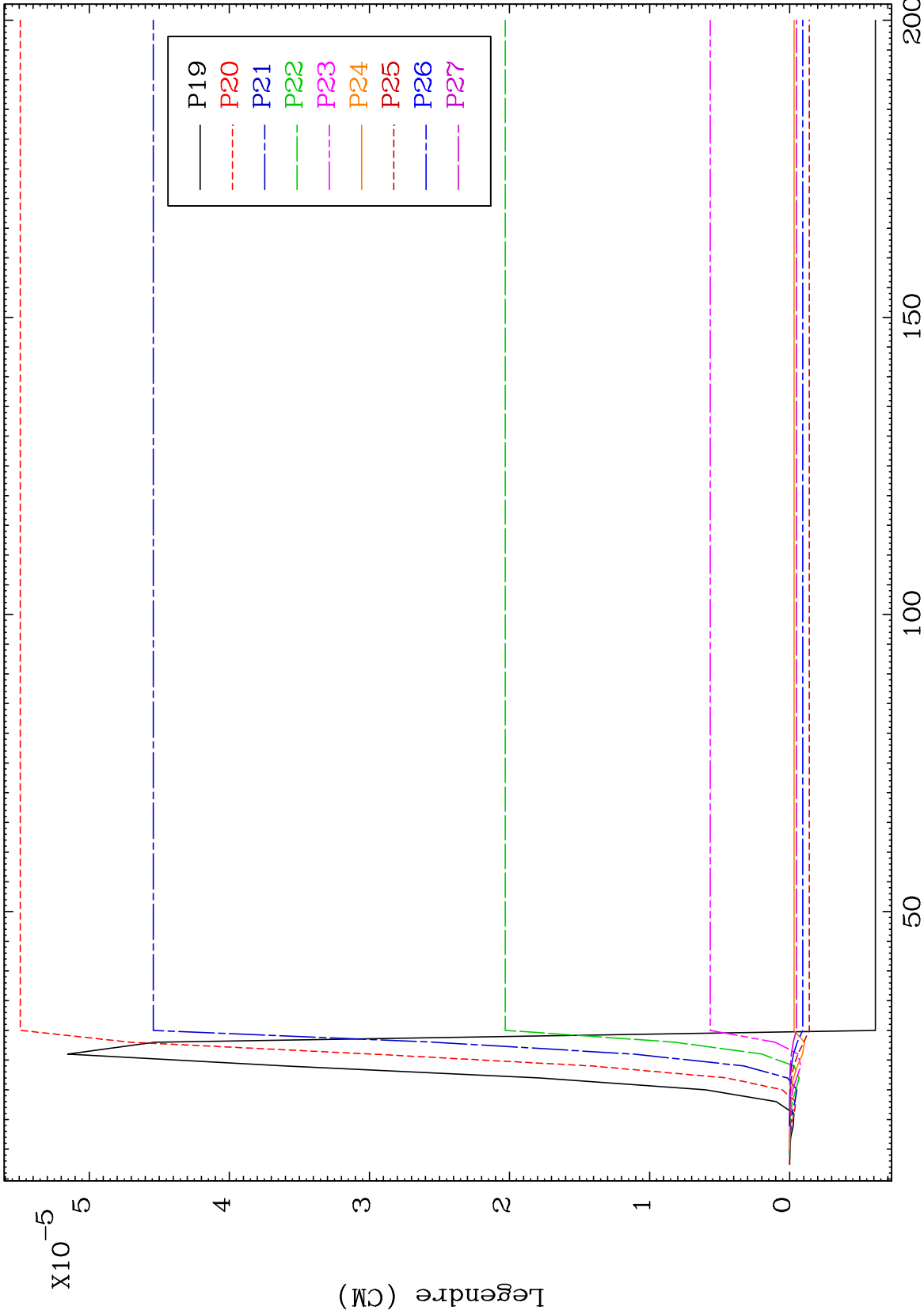
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



106

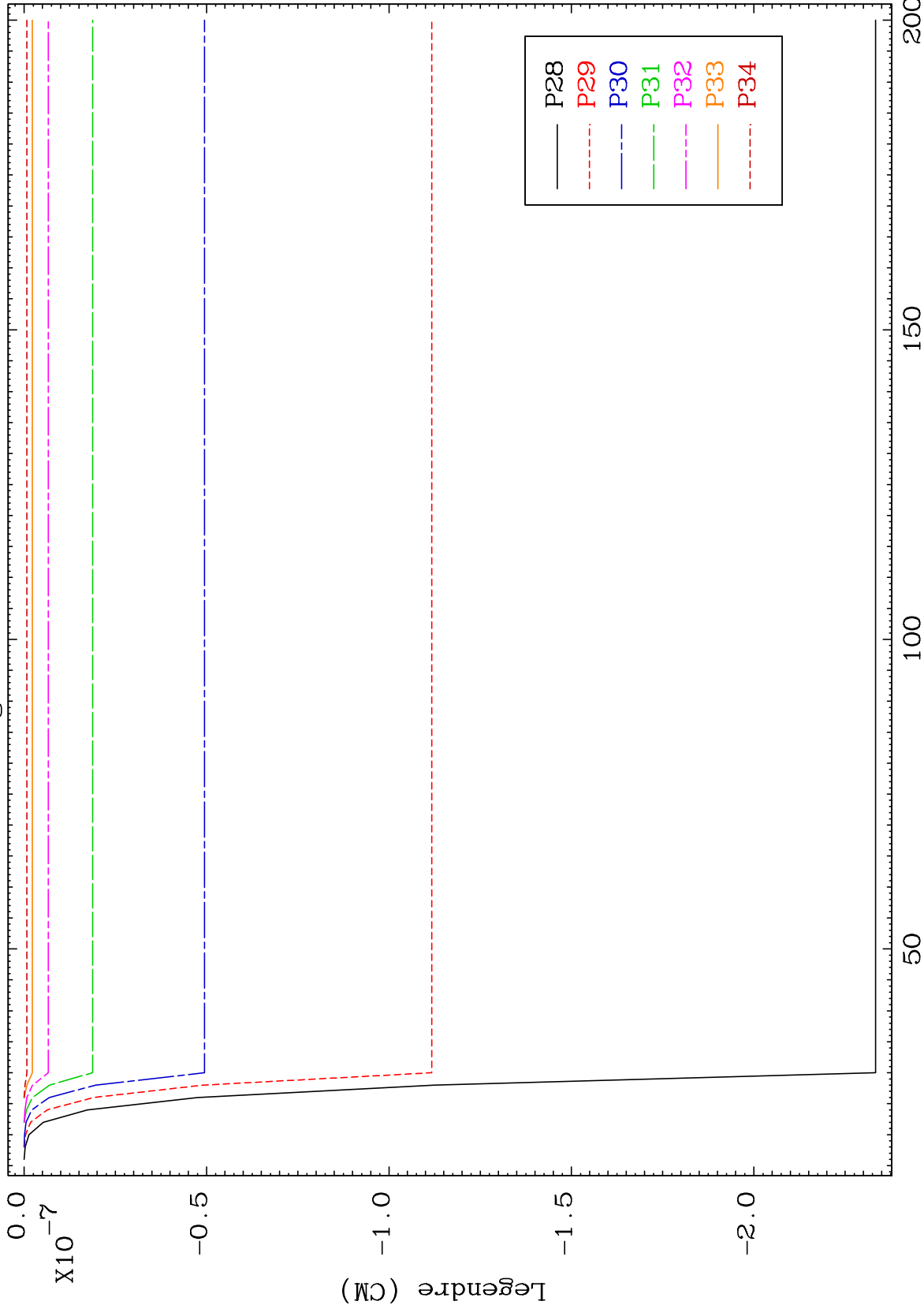
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



57-La-148

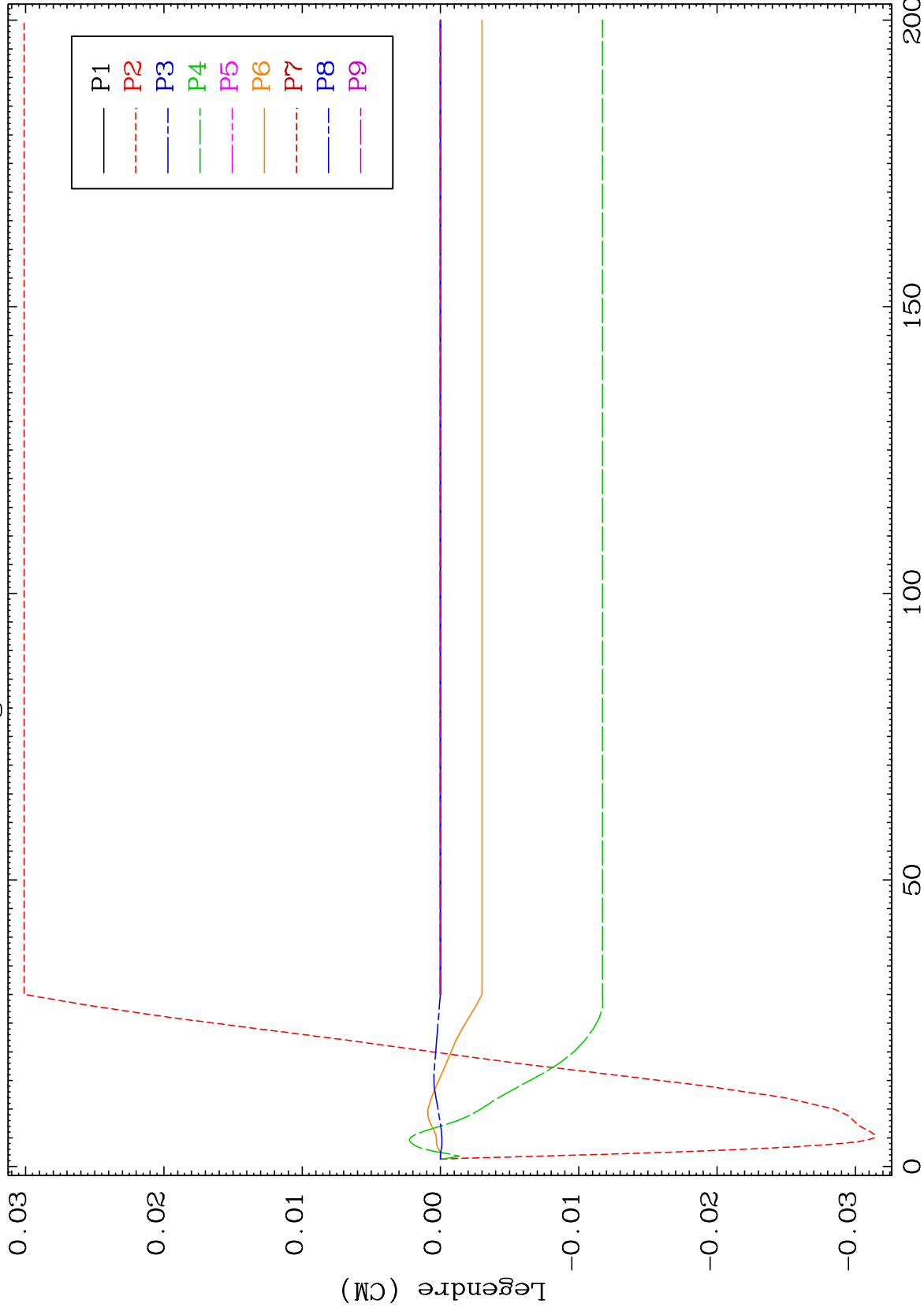
Incident Energy (MeV)

107

MAT 5755

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

57-La-148



57-La-148

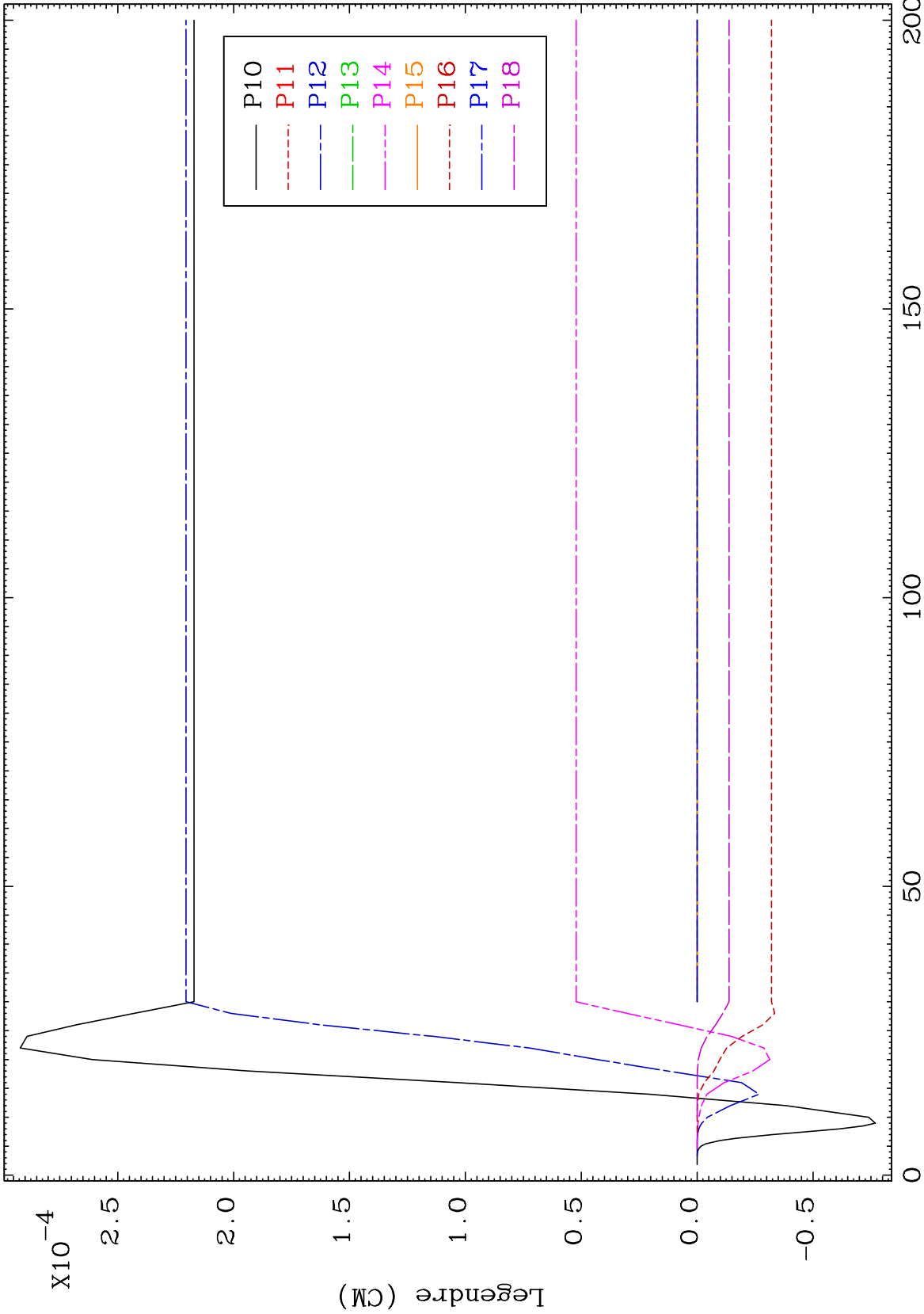
Incident Energy (MeV)

108

MAT 5755

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

57-La-148



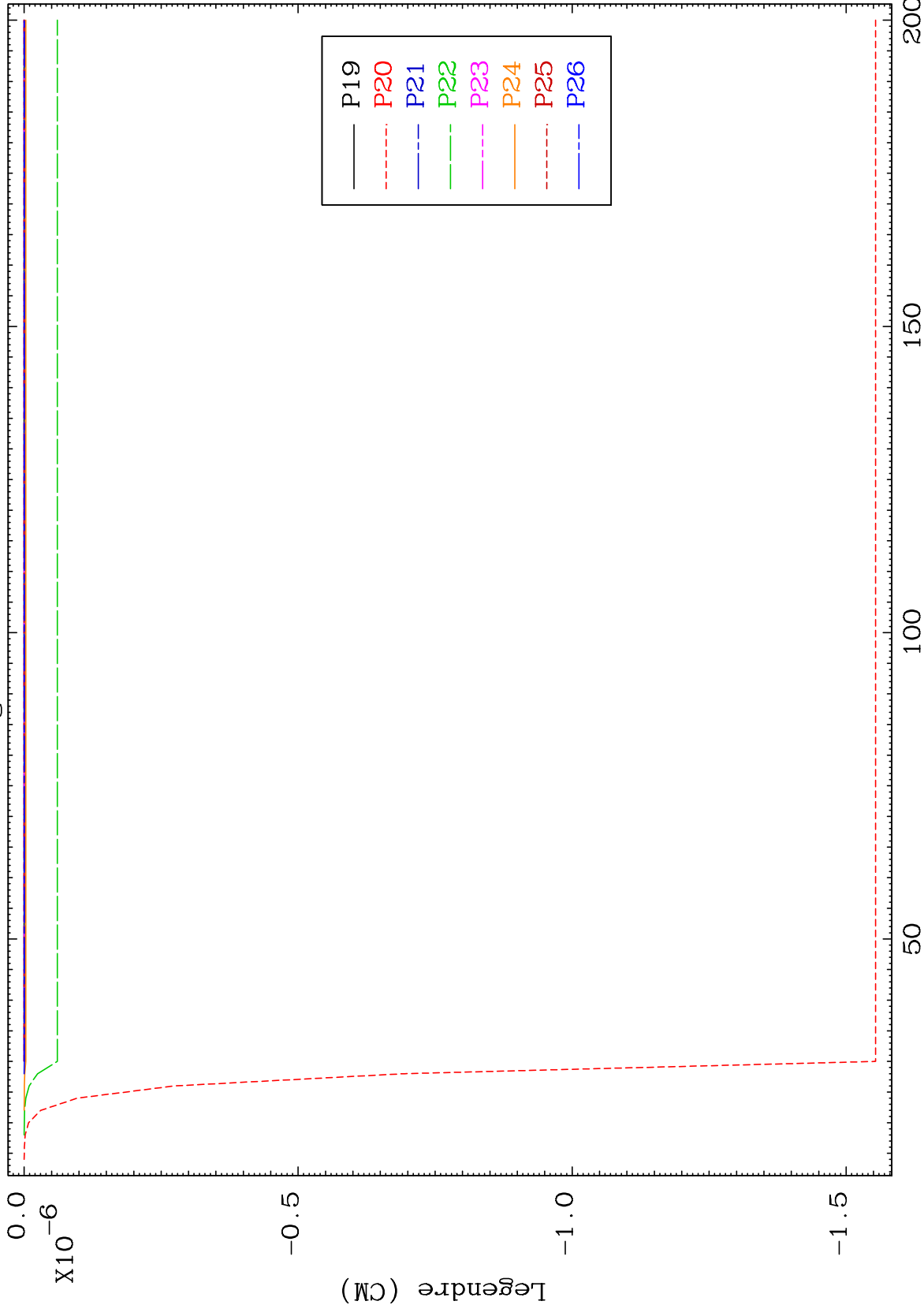
109

57-La-148

MAT 5755

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

57-La-148



57-La-148

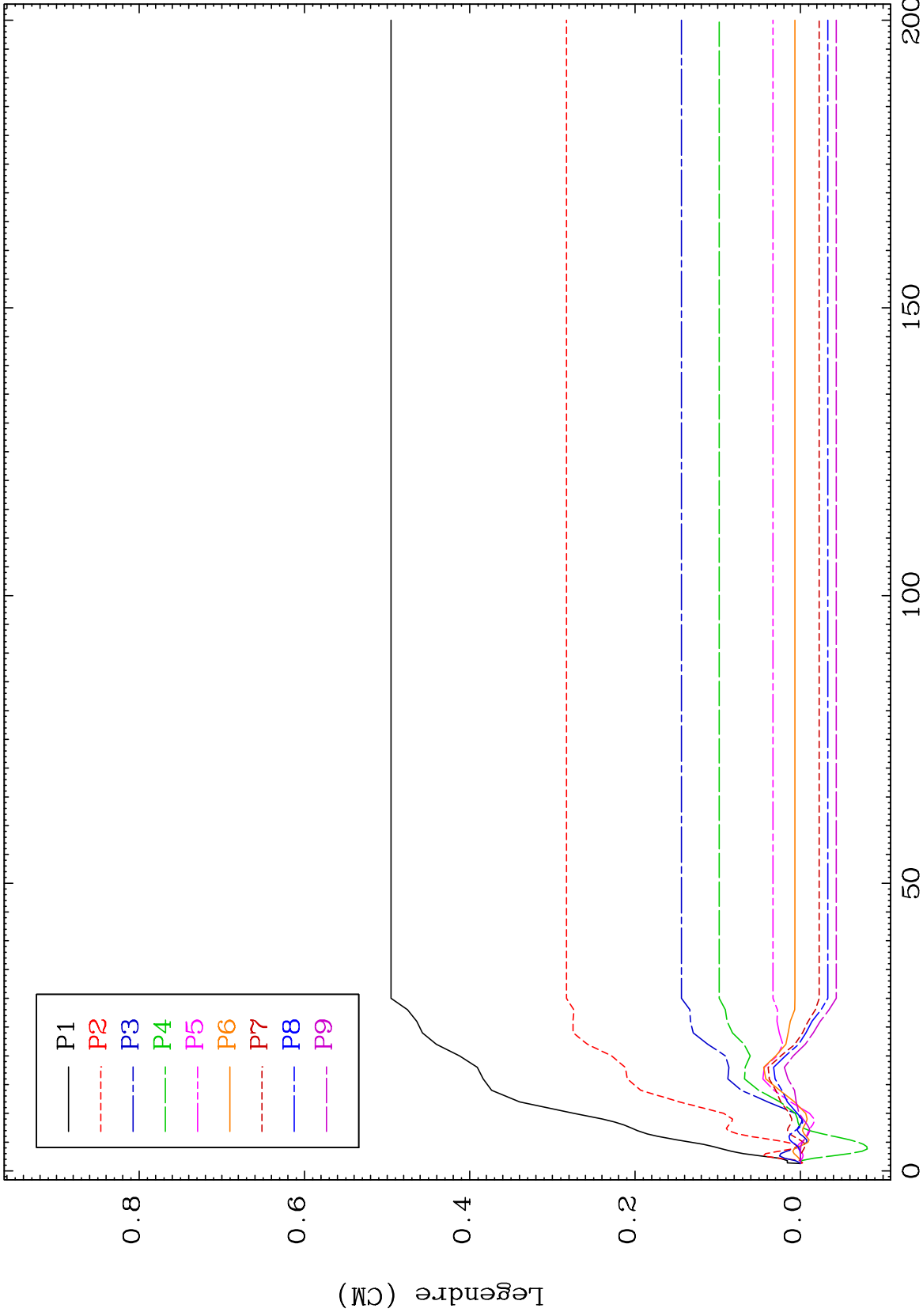
Incident Energy (MeV)

Legendre (CM)

MAT 5755

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

57-La-148



57-La-148

Incident Energy (MeV)

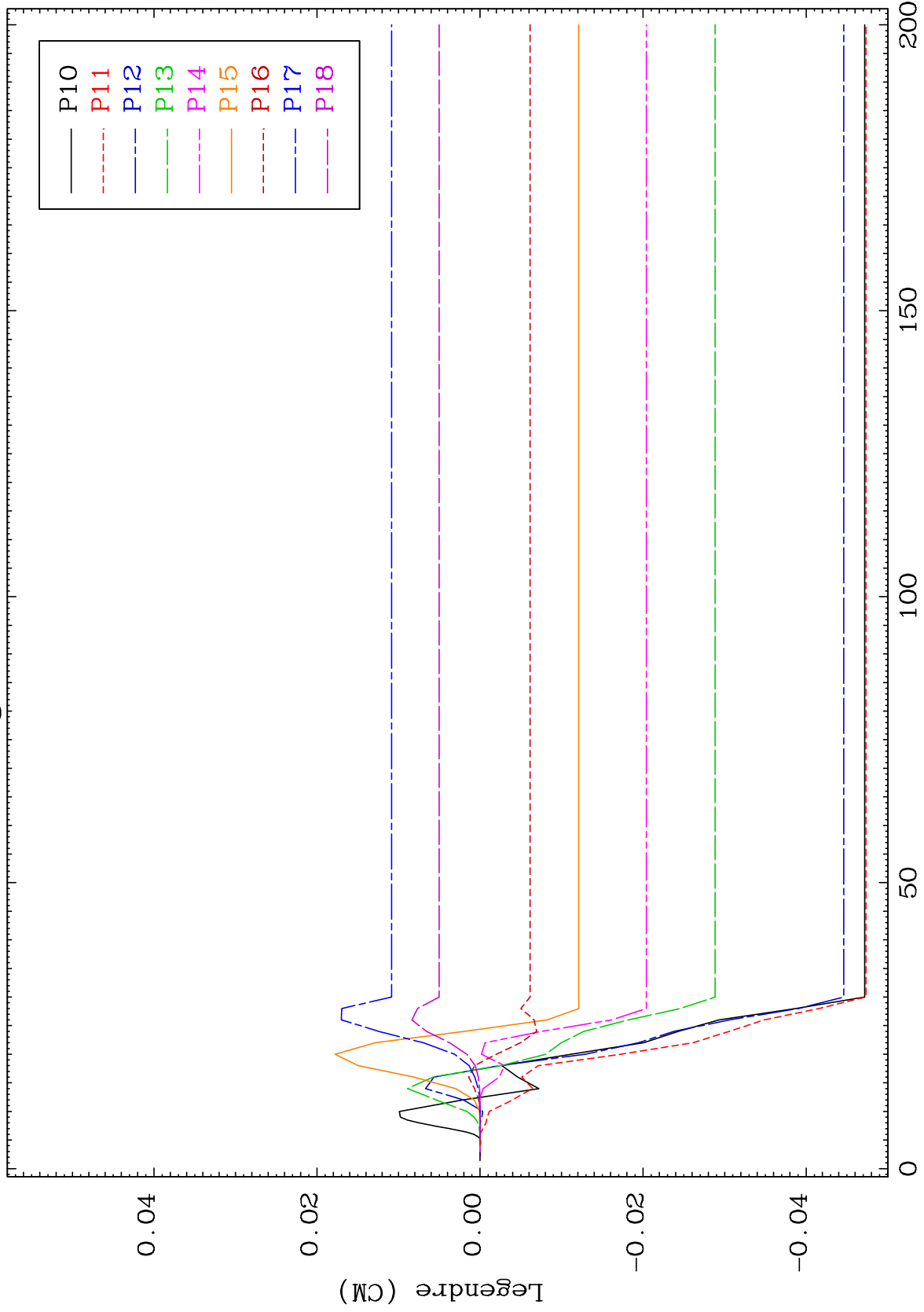
111



MAT 5755

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

57-La-148



112

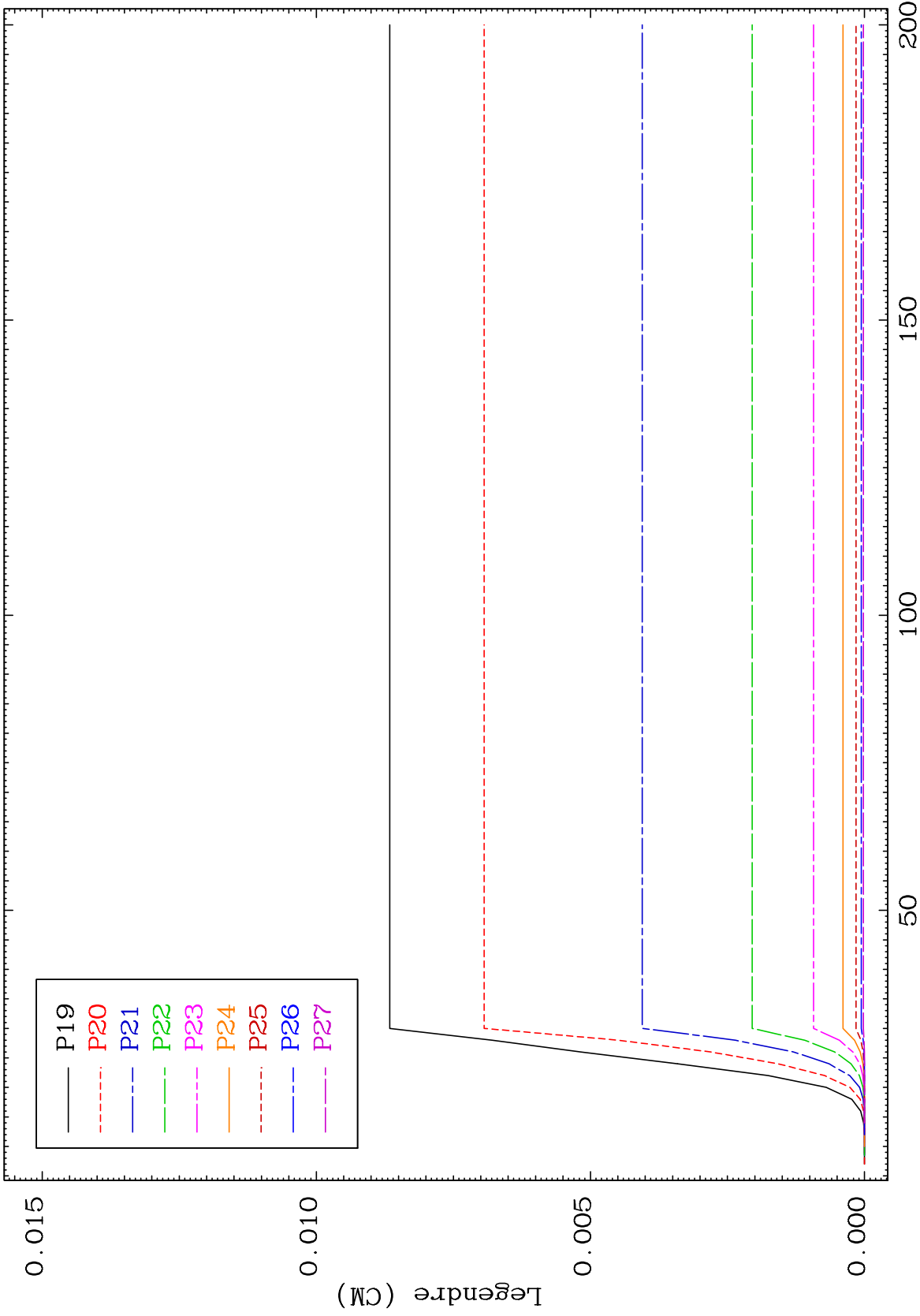
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



113

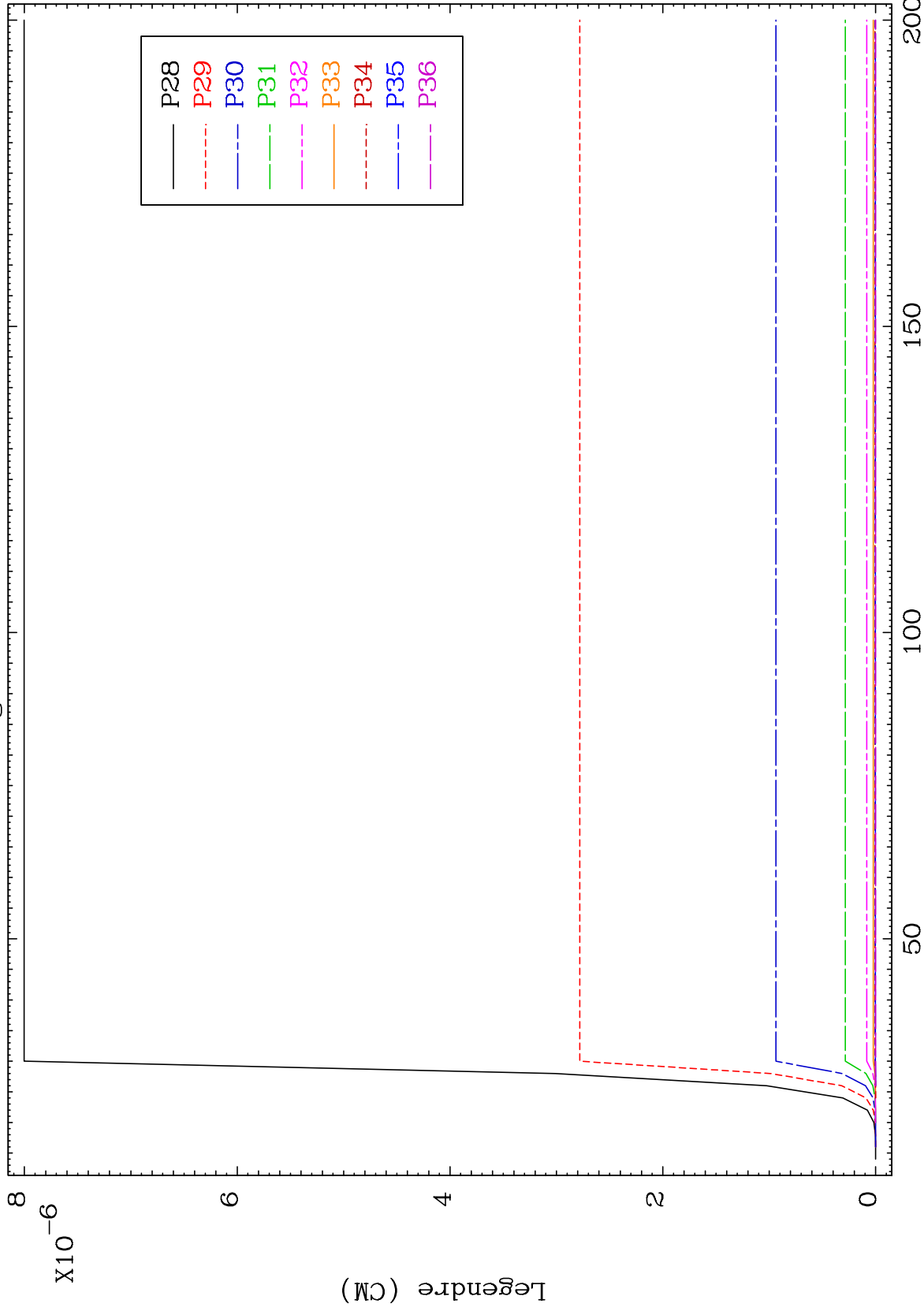
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



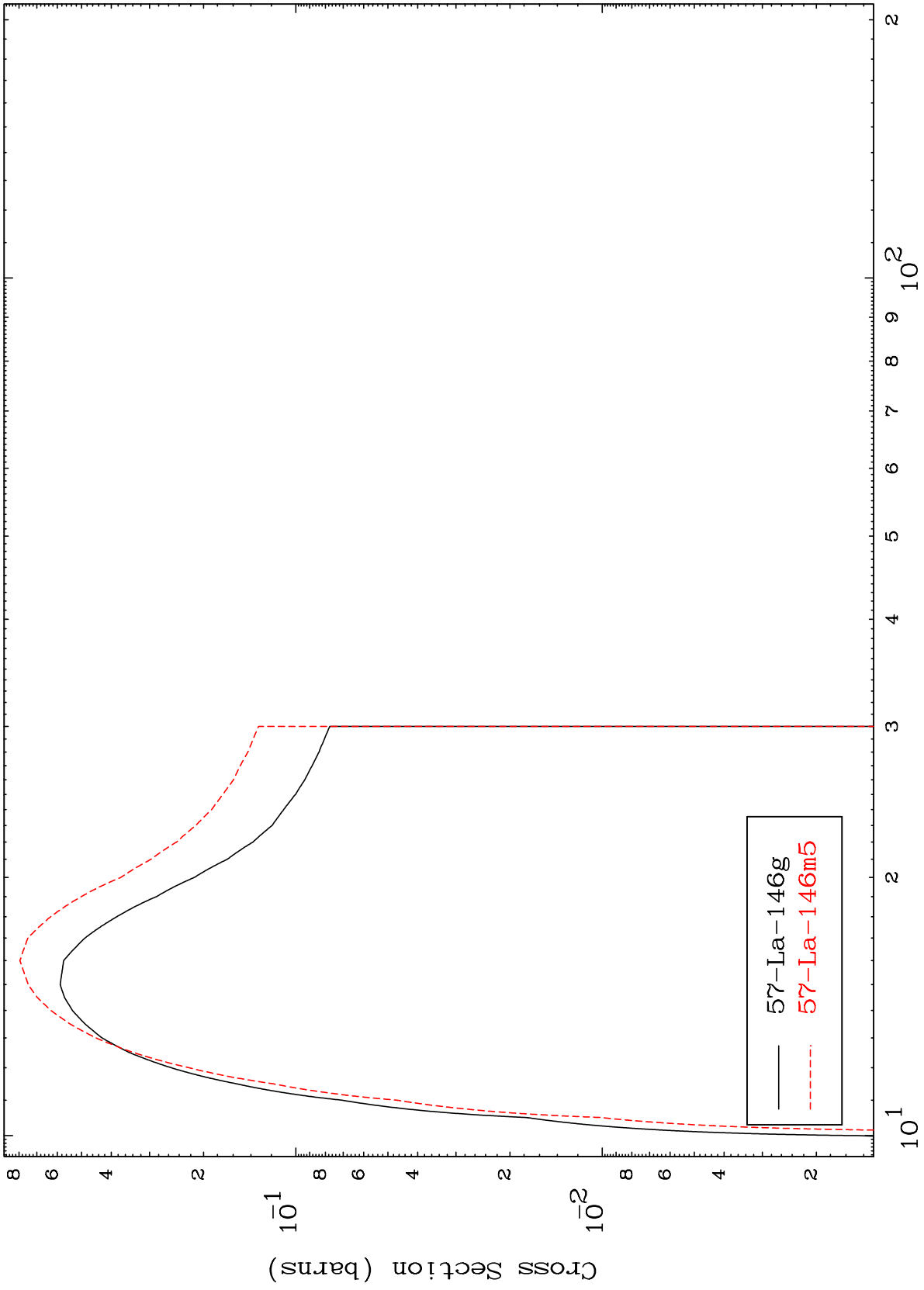
114

57-La-148

MAT 5755

57-La-148

(n,3n)  
Radionuclide Production Cross Section



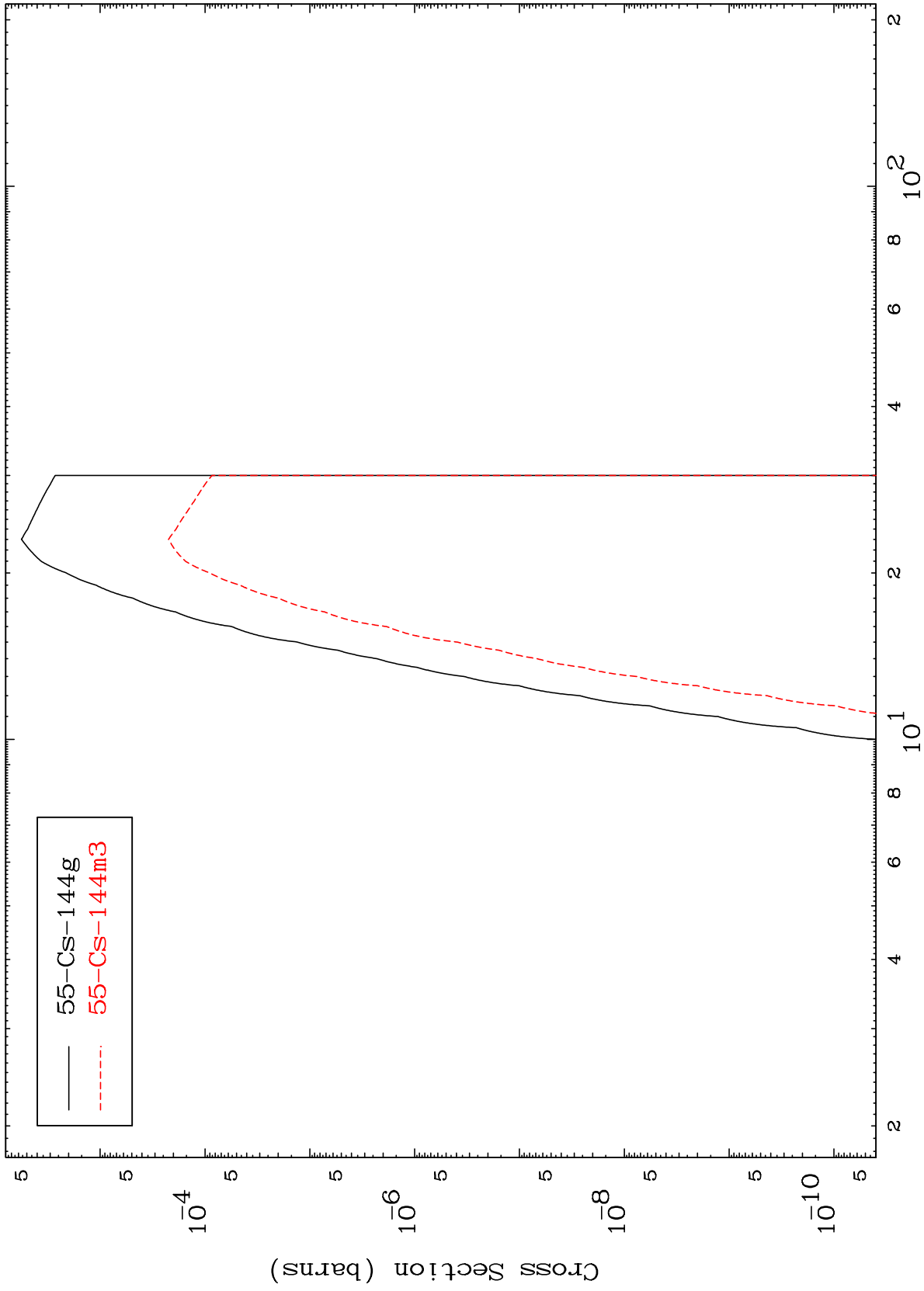
57-La-148

MAT 5755

(n,n')  $\alpha$

57-La-148

Radionuclide Production Cross Section



55-Cs-144g  
55-Cs-144m3

116

Incident Energy (MeV)

57-La-148