

Program EVALPLOT  
(Version 2018-1)

by

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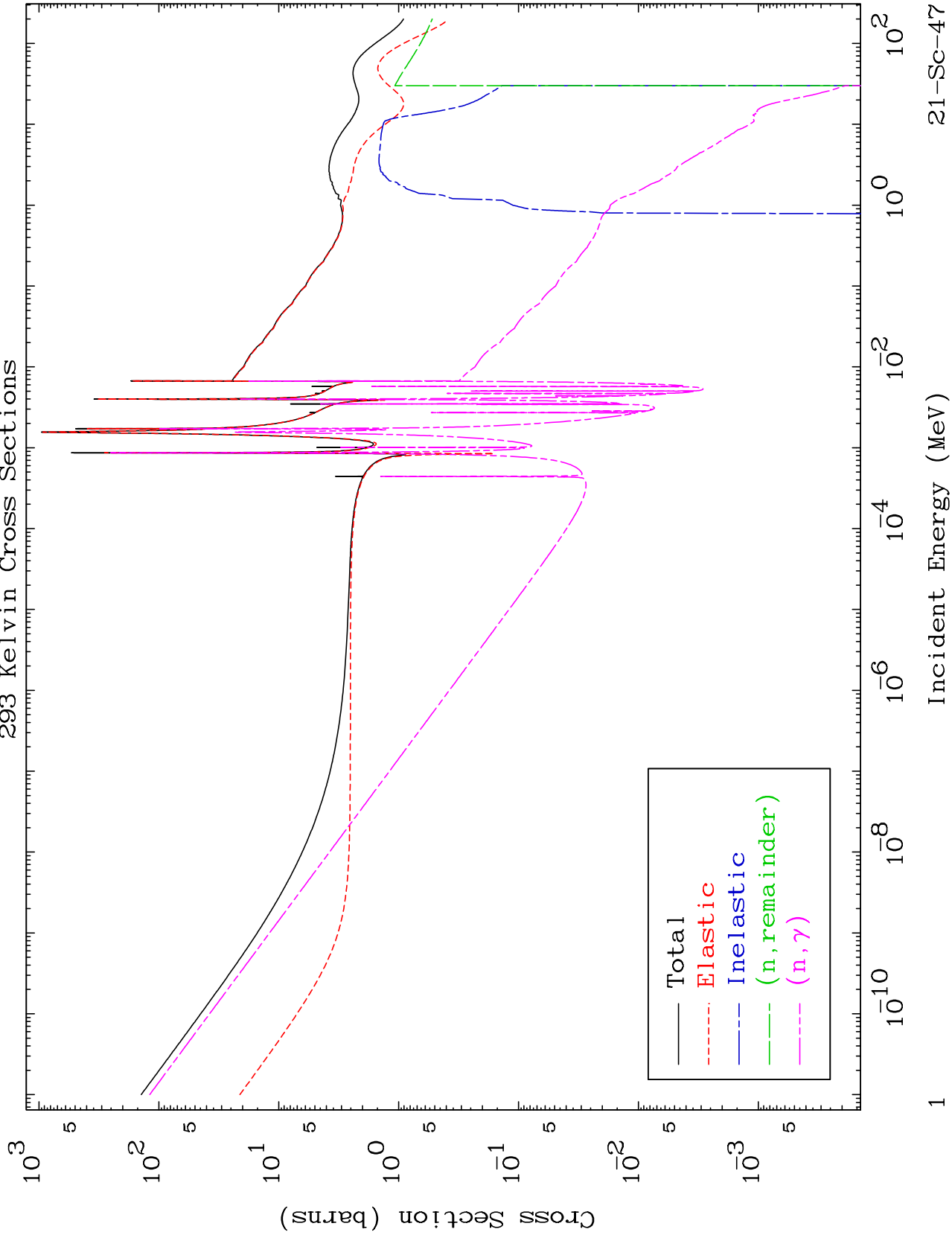
Press Mouse Button to Start

MAT 2131

Major

293 Kelvin Cross Sections

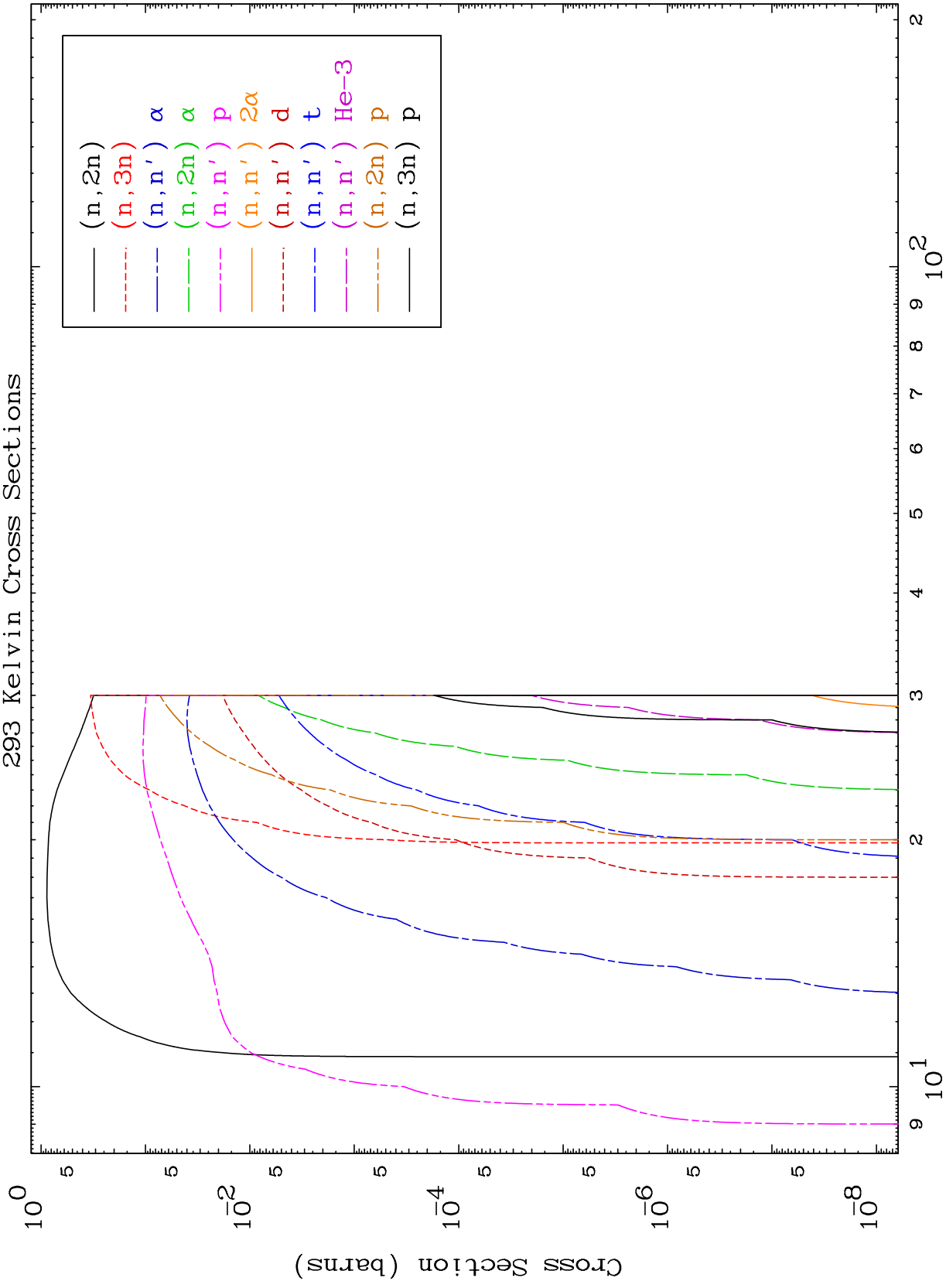
21-Sc-47



MAT 2131

### Neutron Production 293 Kelvin Cross Sections

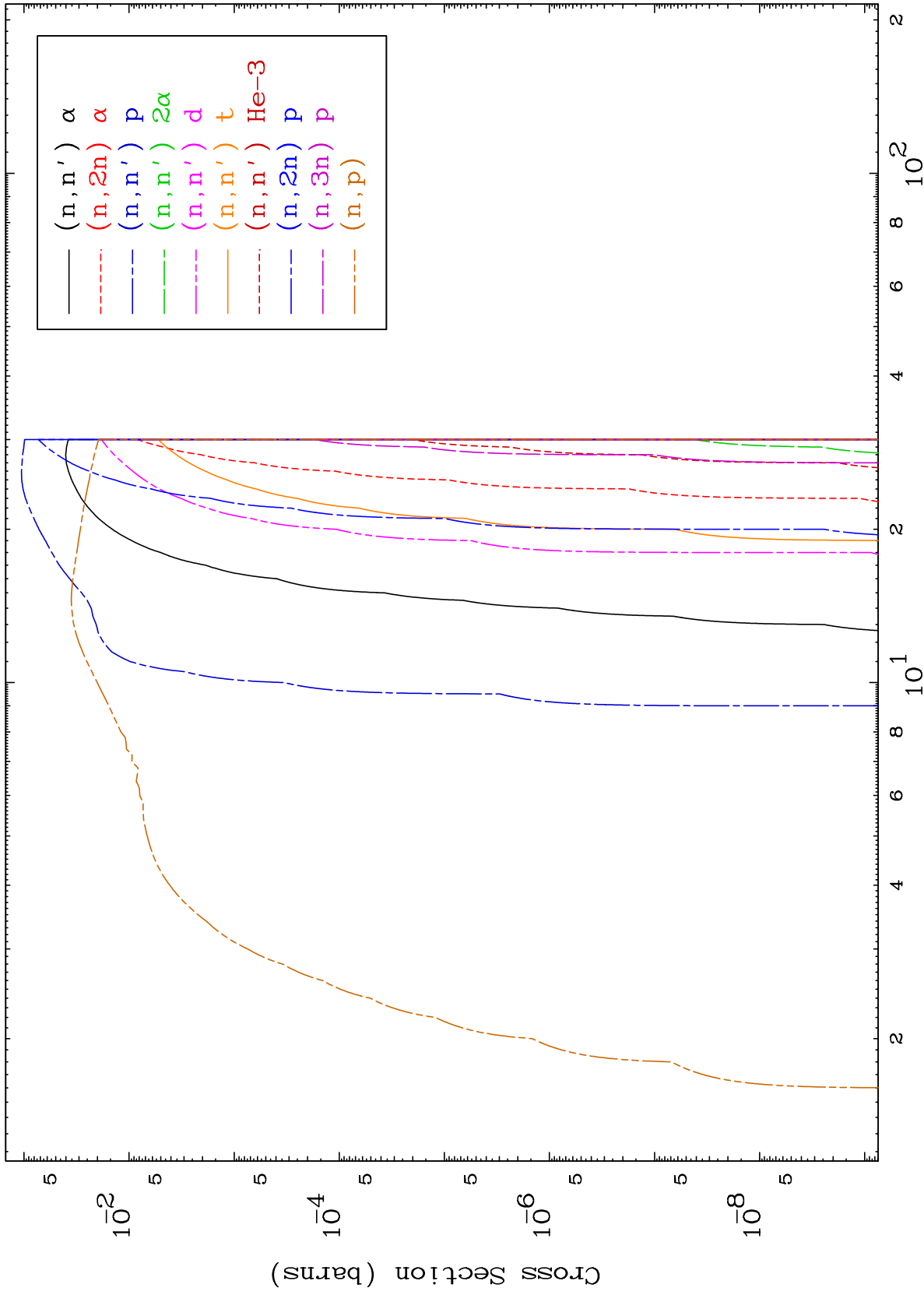
21-Sc-47

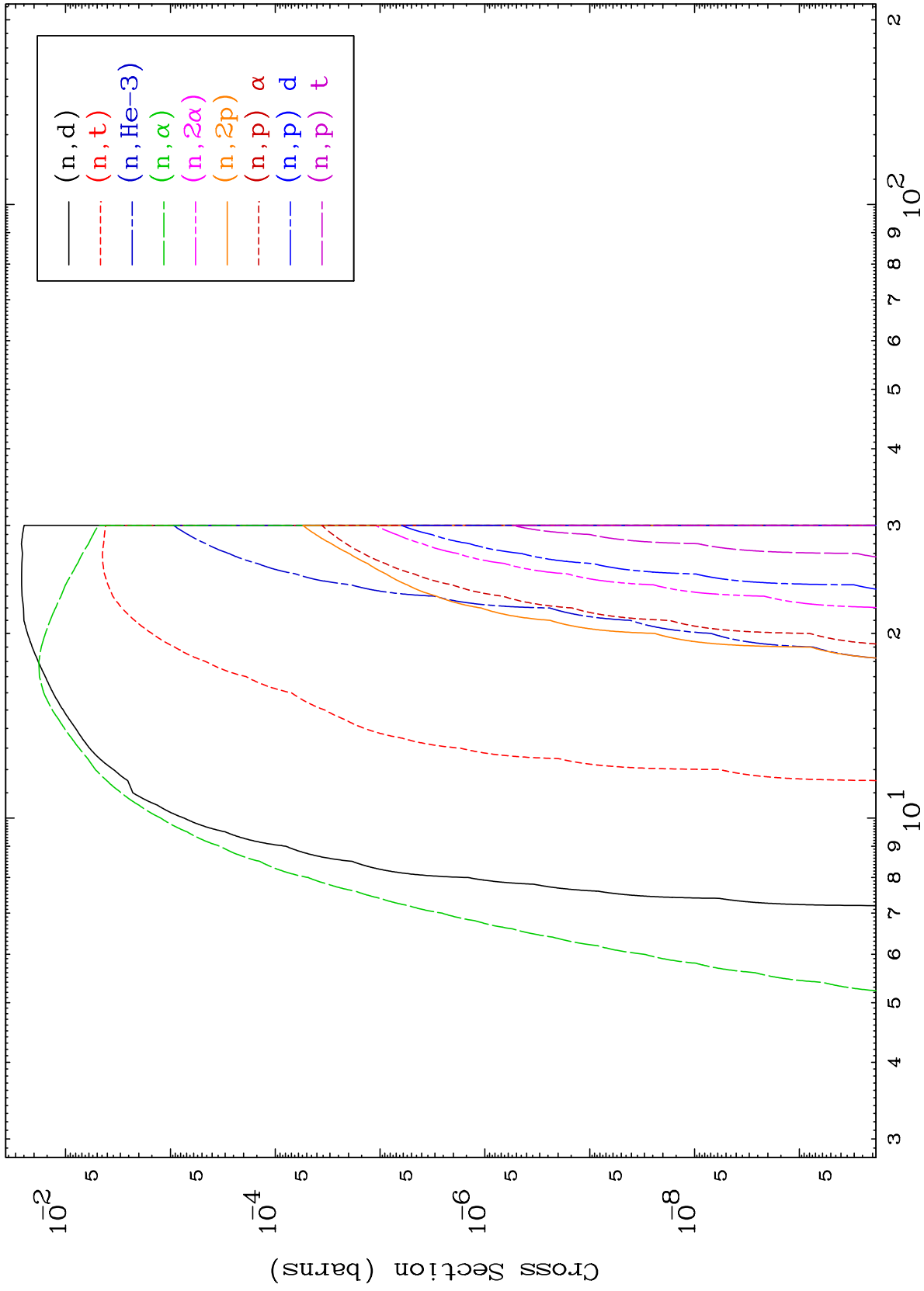


2

Incident Energy (MeV)

21-Sc-47

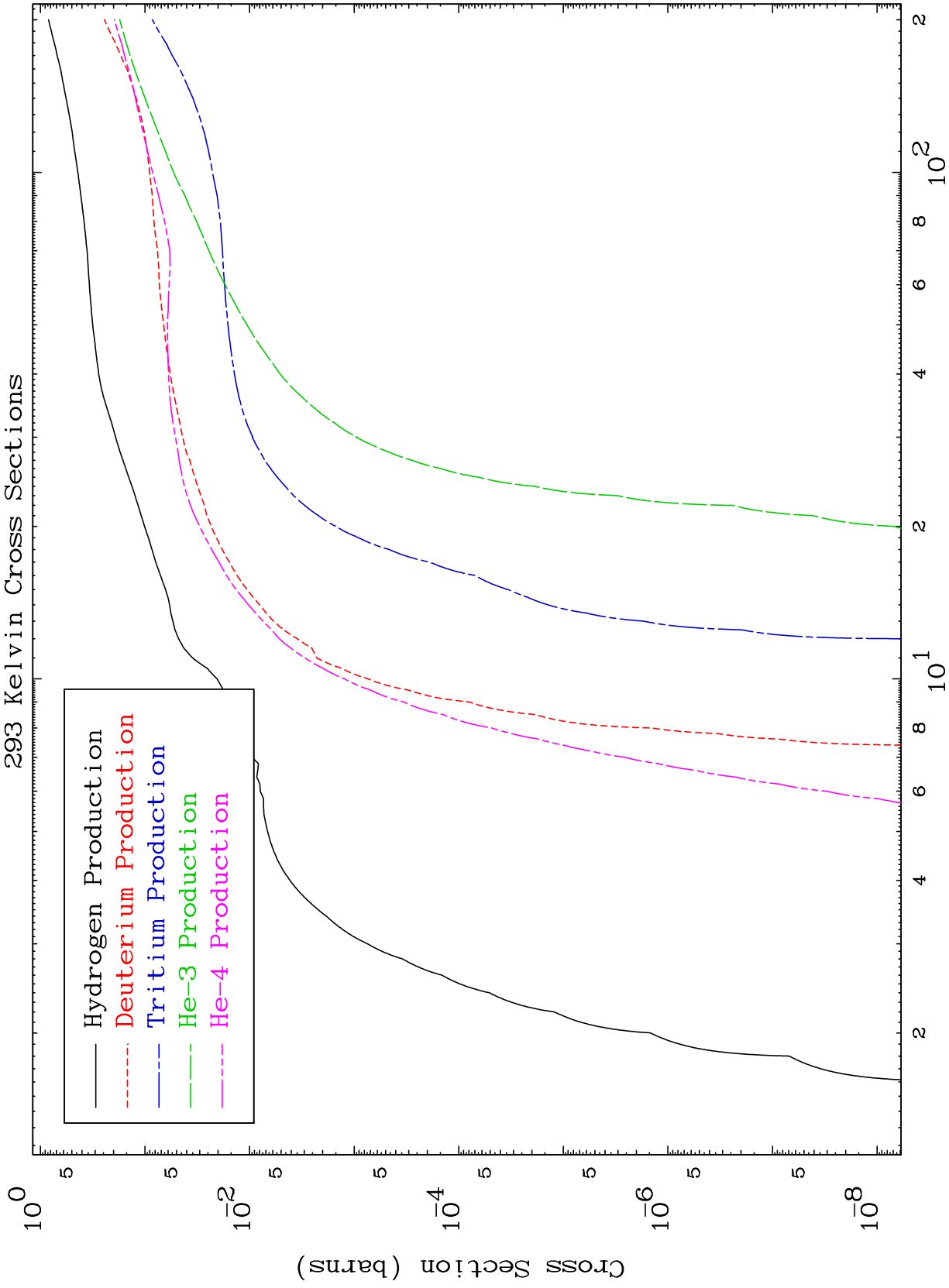




MAT 2131

Particle Production  
293 Kelvin Cross Sections

21-Sc-47



5

Incident Energy (MeV)

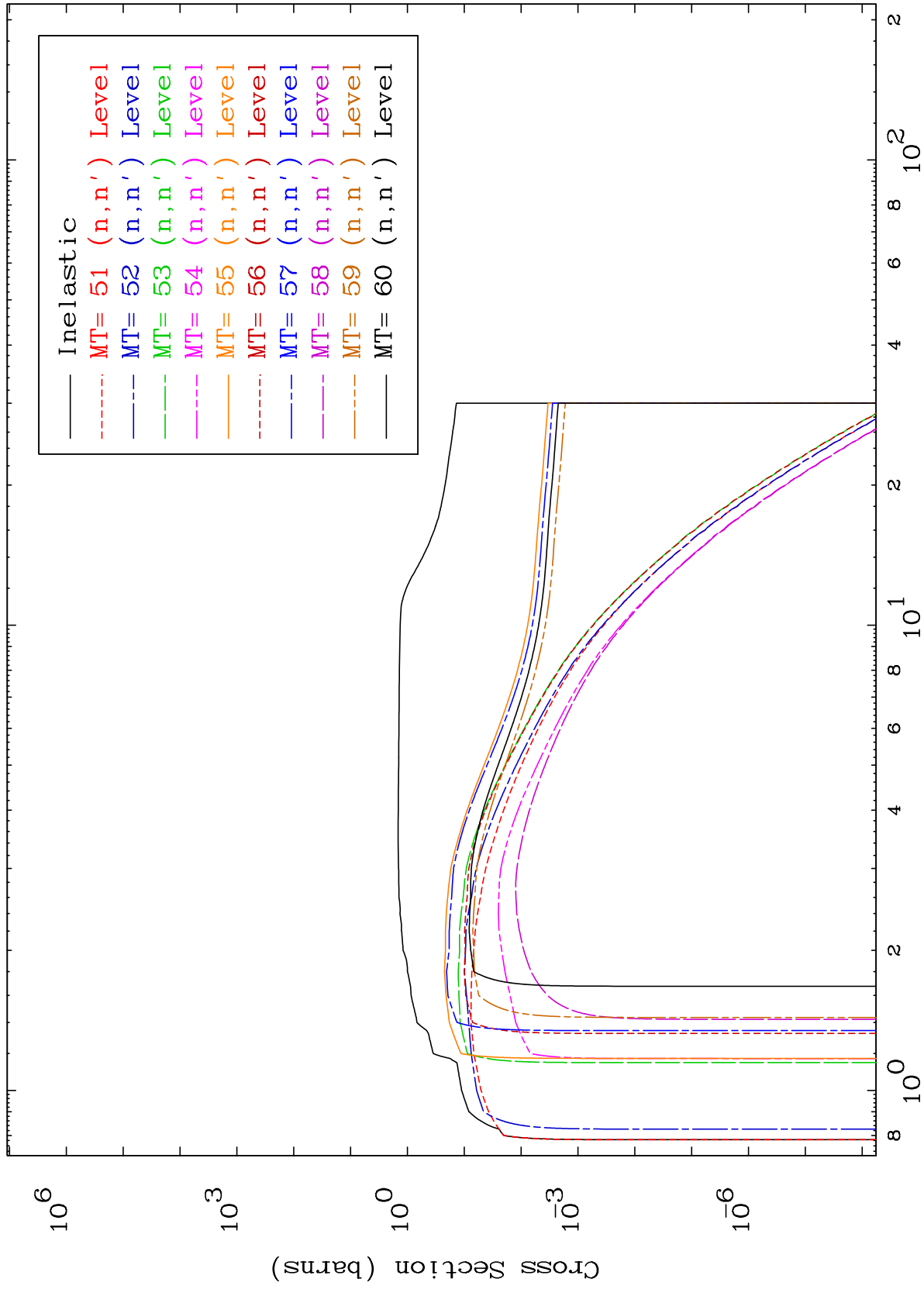
21-Sc-47

MAT 2131

(n,n') Level

21-Sc-47

293 Kelvin Cross Sections



6

Incident Energy (MeV)

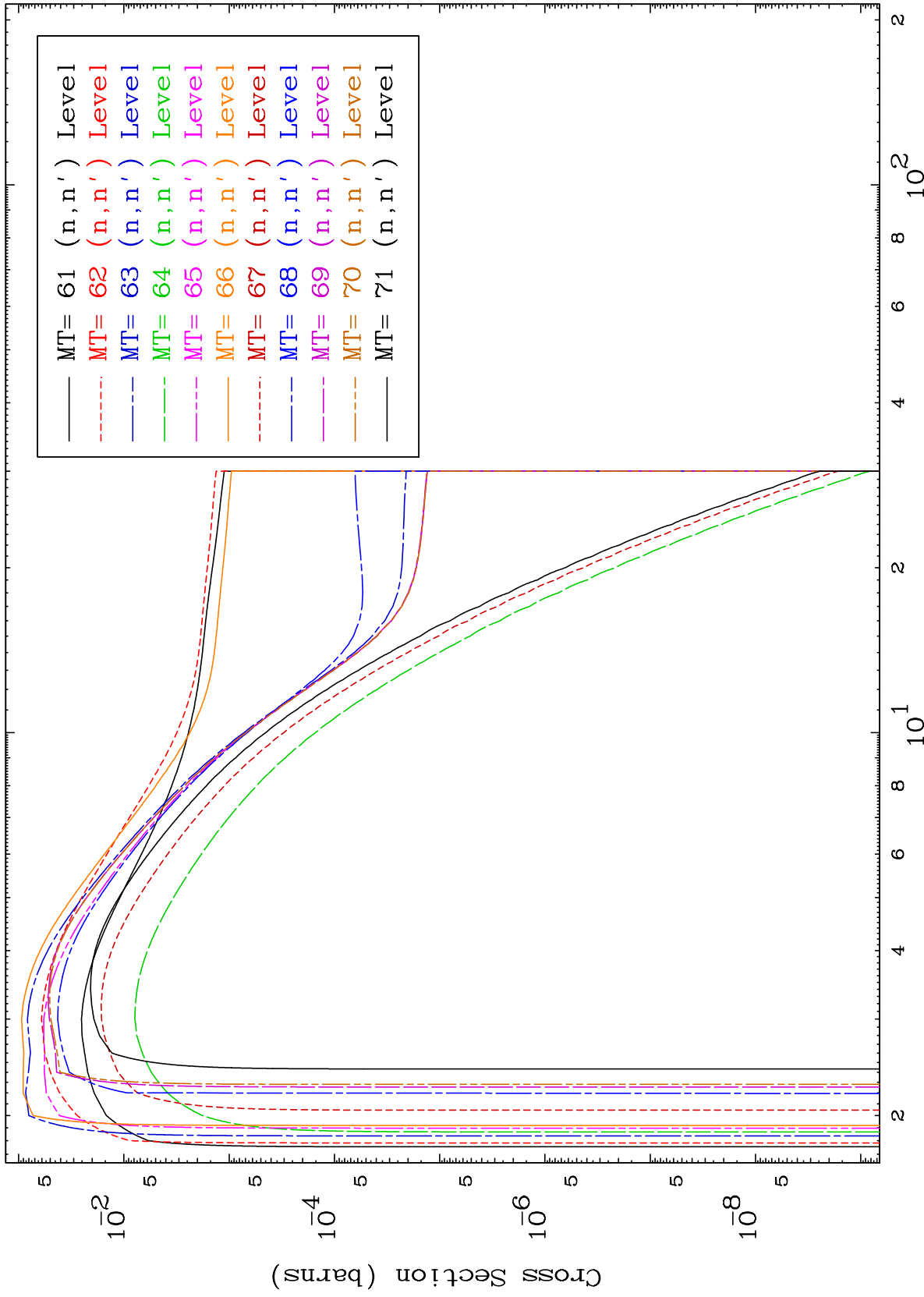
21-Sc-47

MAT 2131

(n,n') Level

21-Sc-47

293 Kelvin Cross Sections



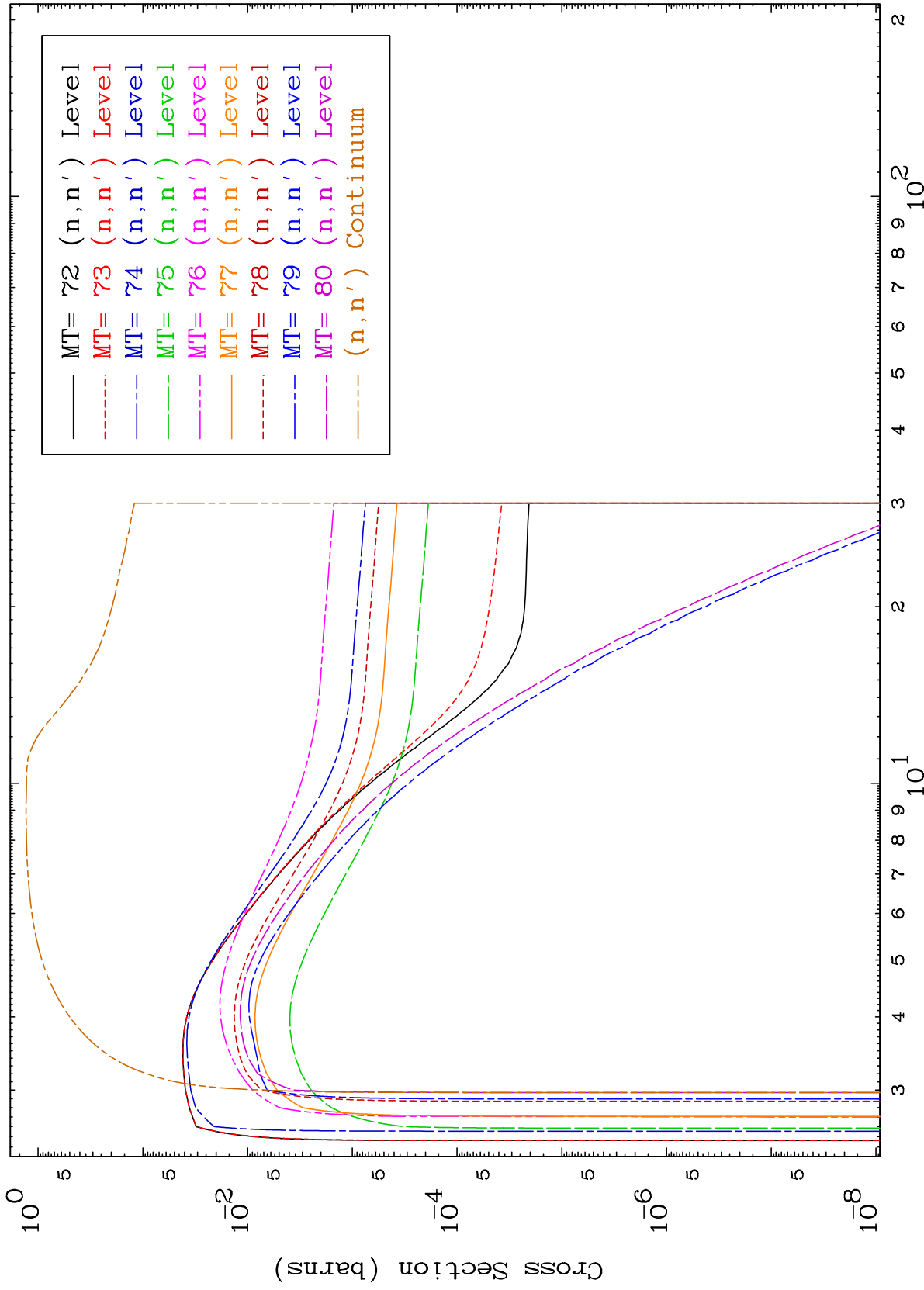
7

Incident Energy (MeV)

21-Sc-47



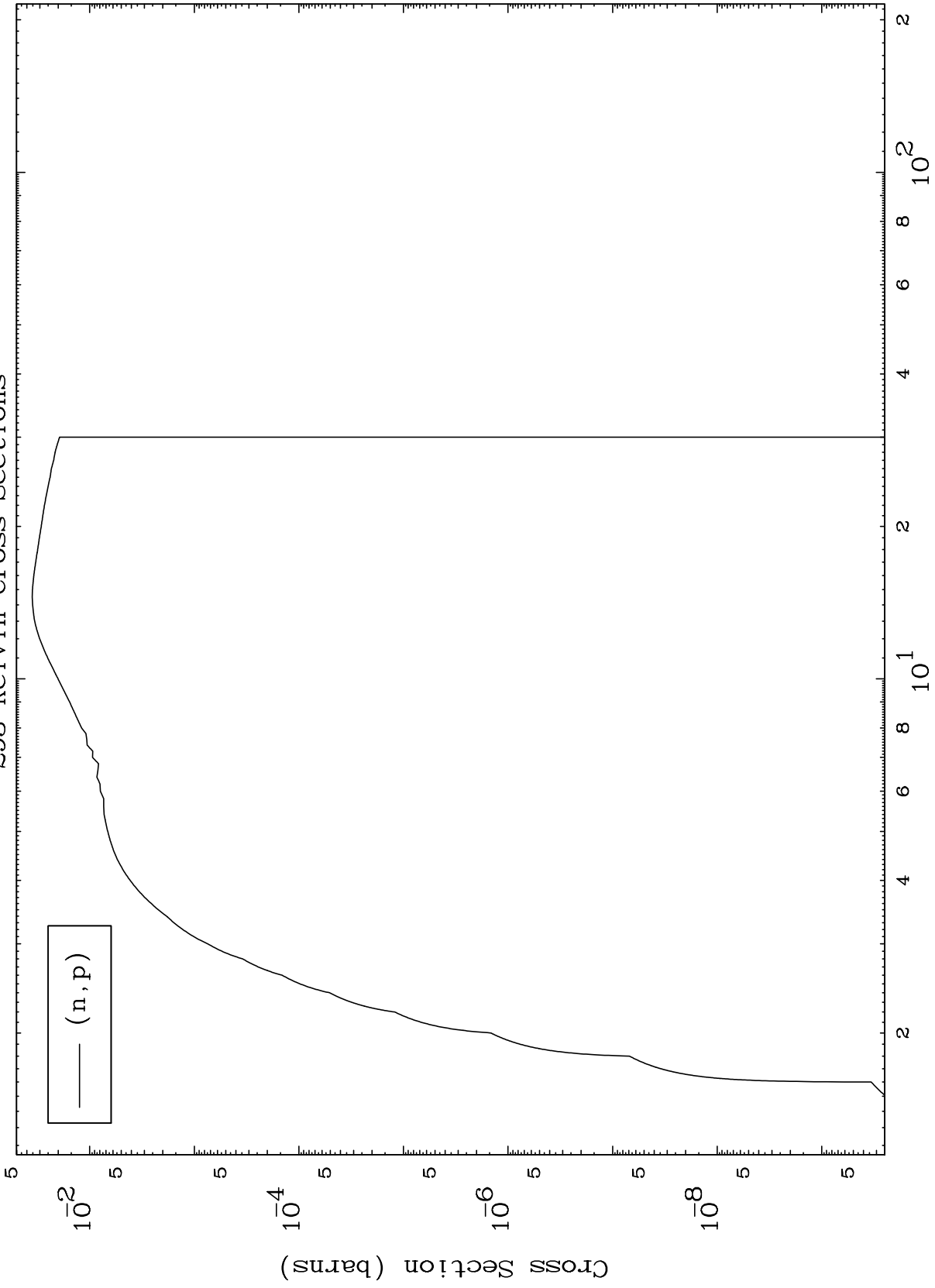
293 Kelvin Cross Sections



MAT 2131

(n,p) Levels  
293 Kelvin Cross Sections

21-Sc-47



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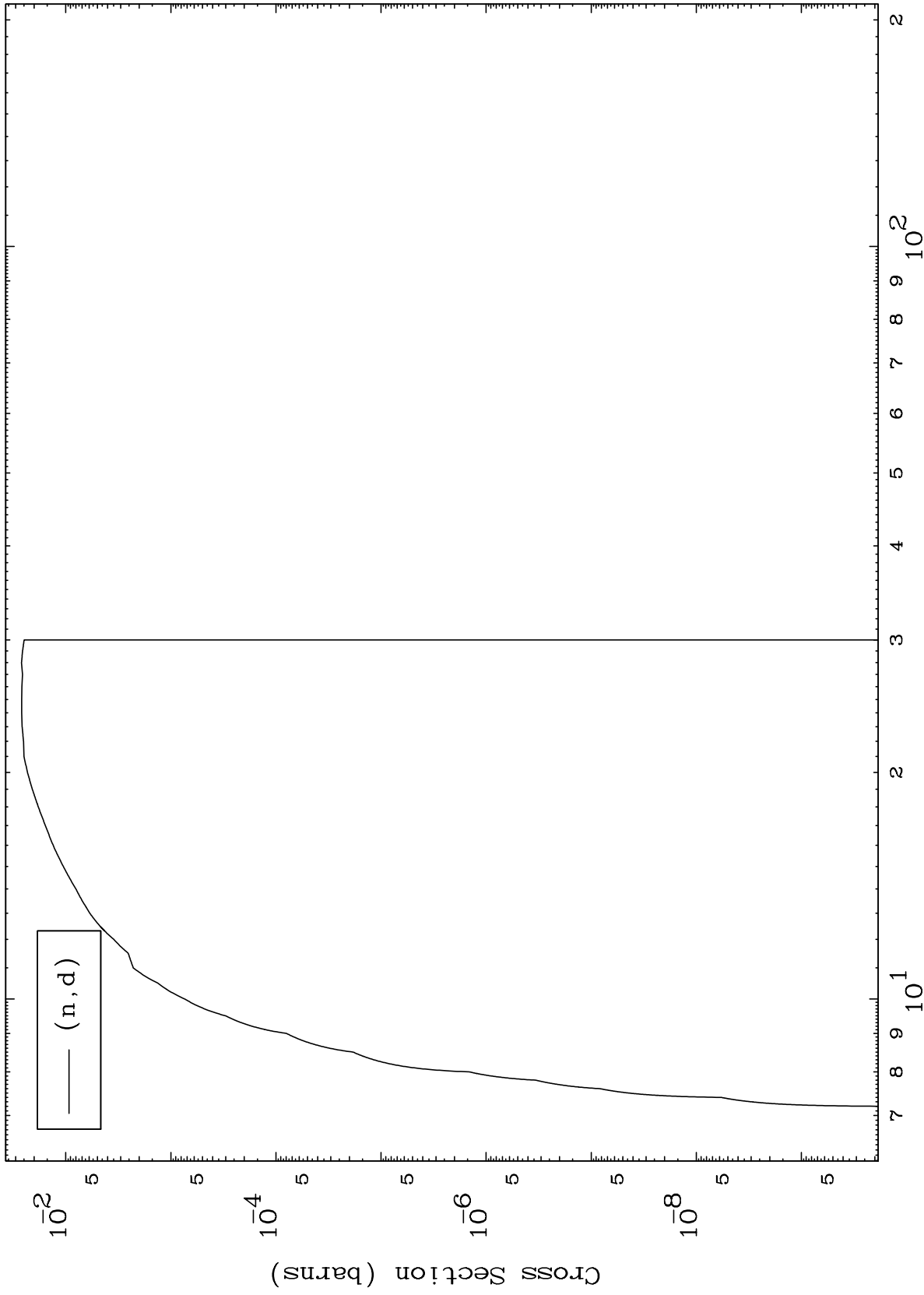
Incident Energy (MeV)

21-Sc-47

MAT 2131

(n,d) Levels  
293 Kelvin Cross Sections

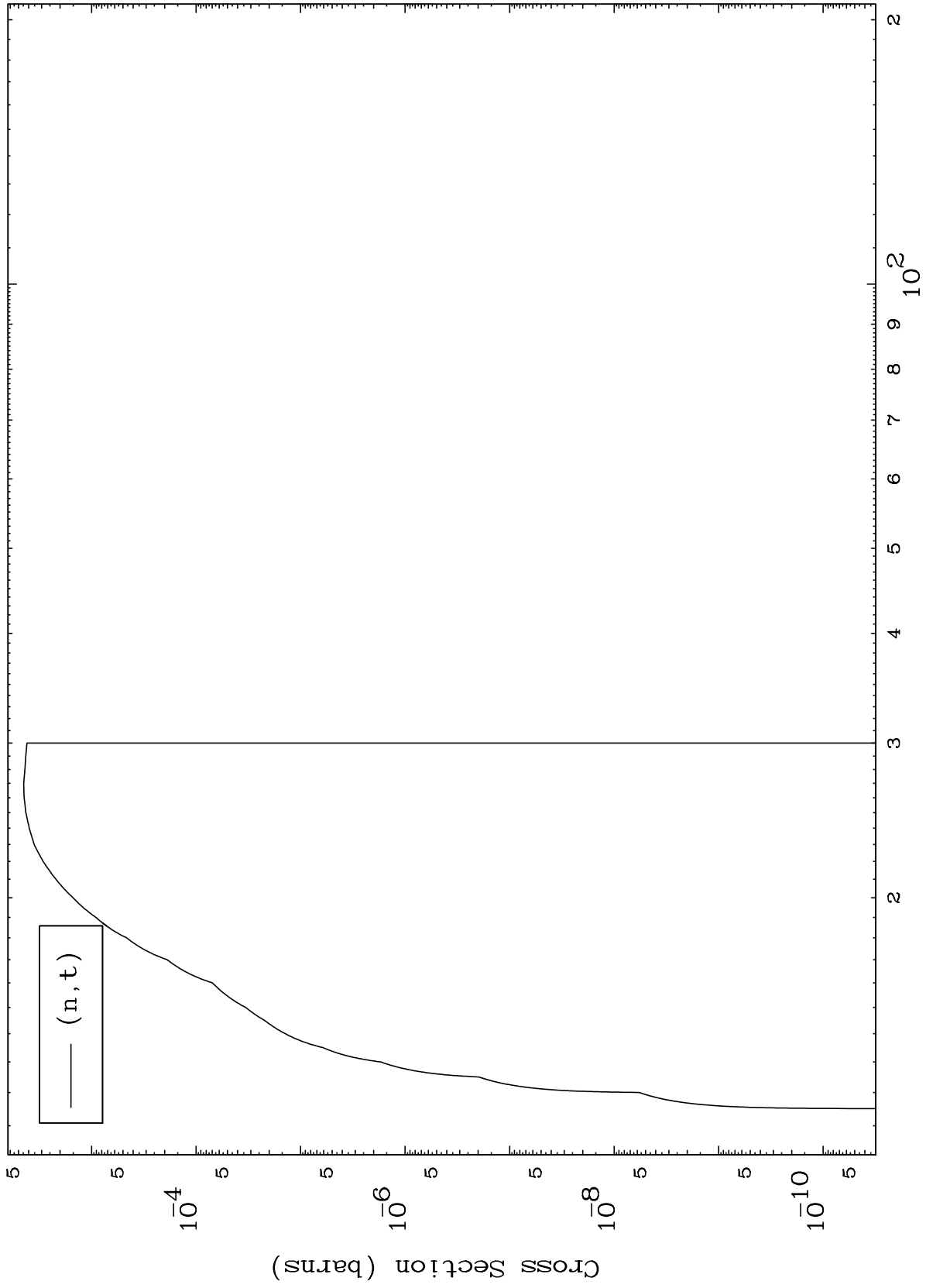
21-Sc-47

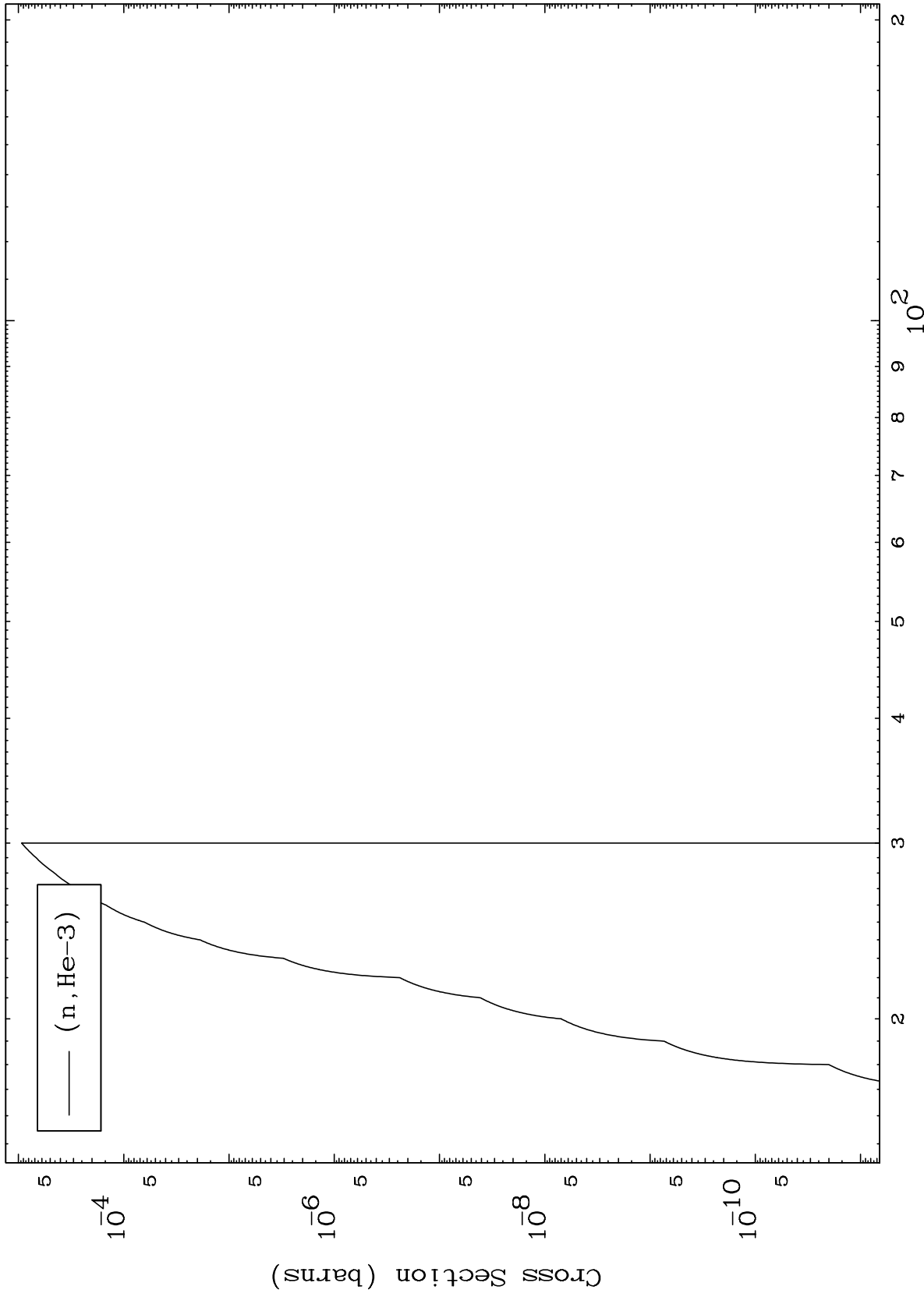


10

Incident Energy (MeV)

21-Sc-47

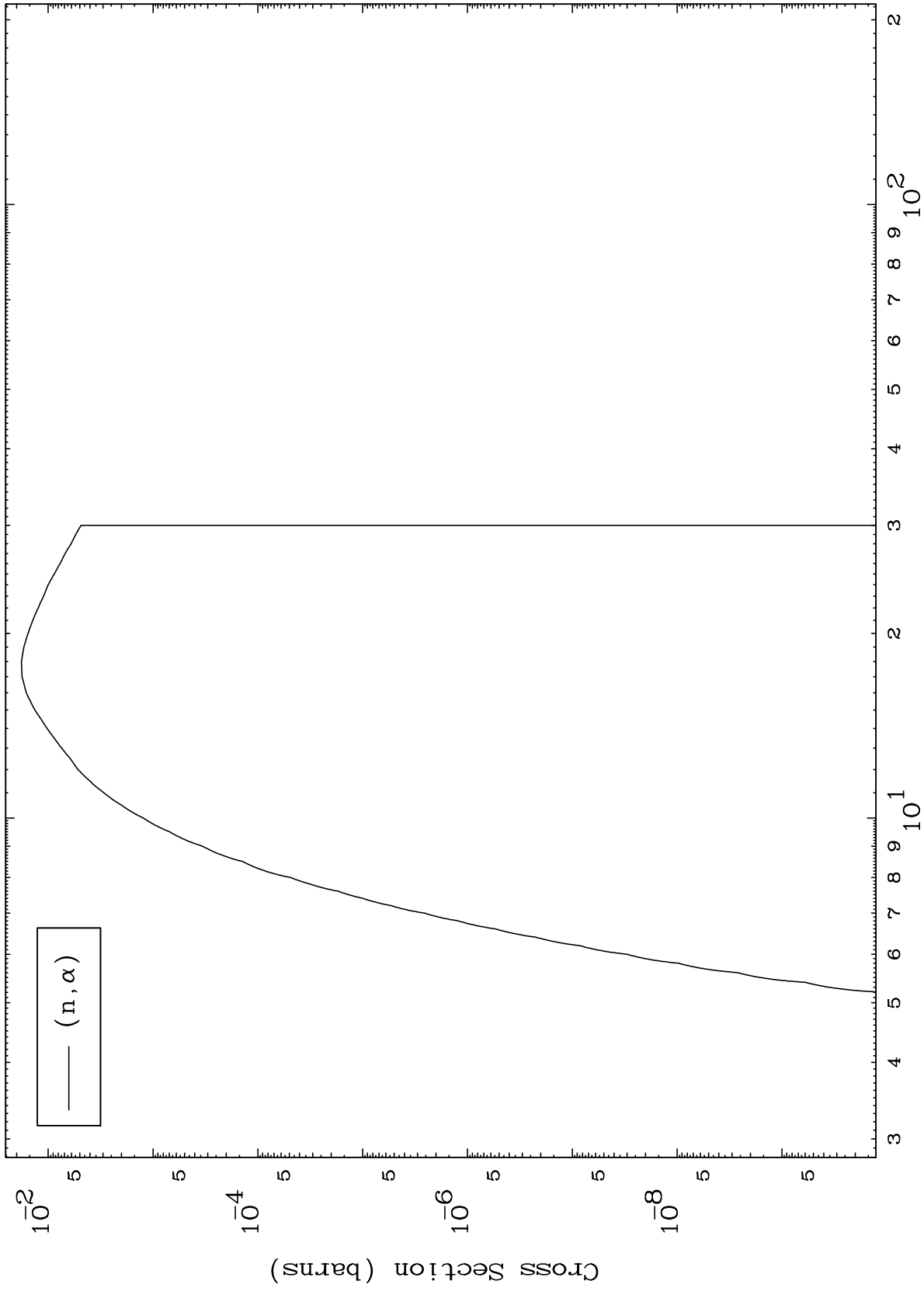




MAT 2131

(n,α) Levels  
293 Kelvin Cross Sections

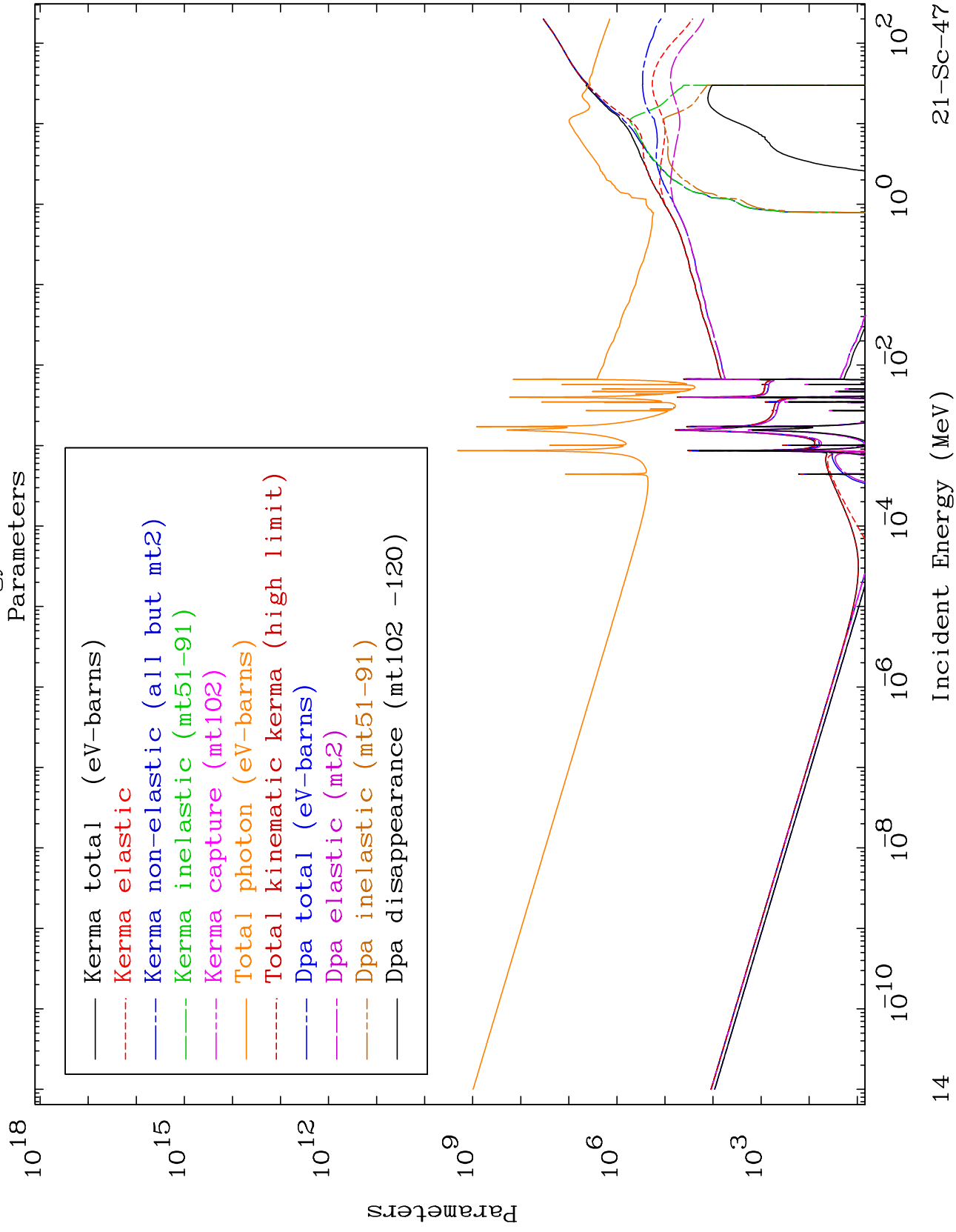
21-Sc-47



13

Incident Energy (MeV)

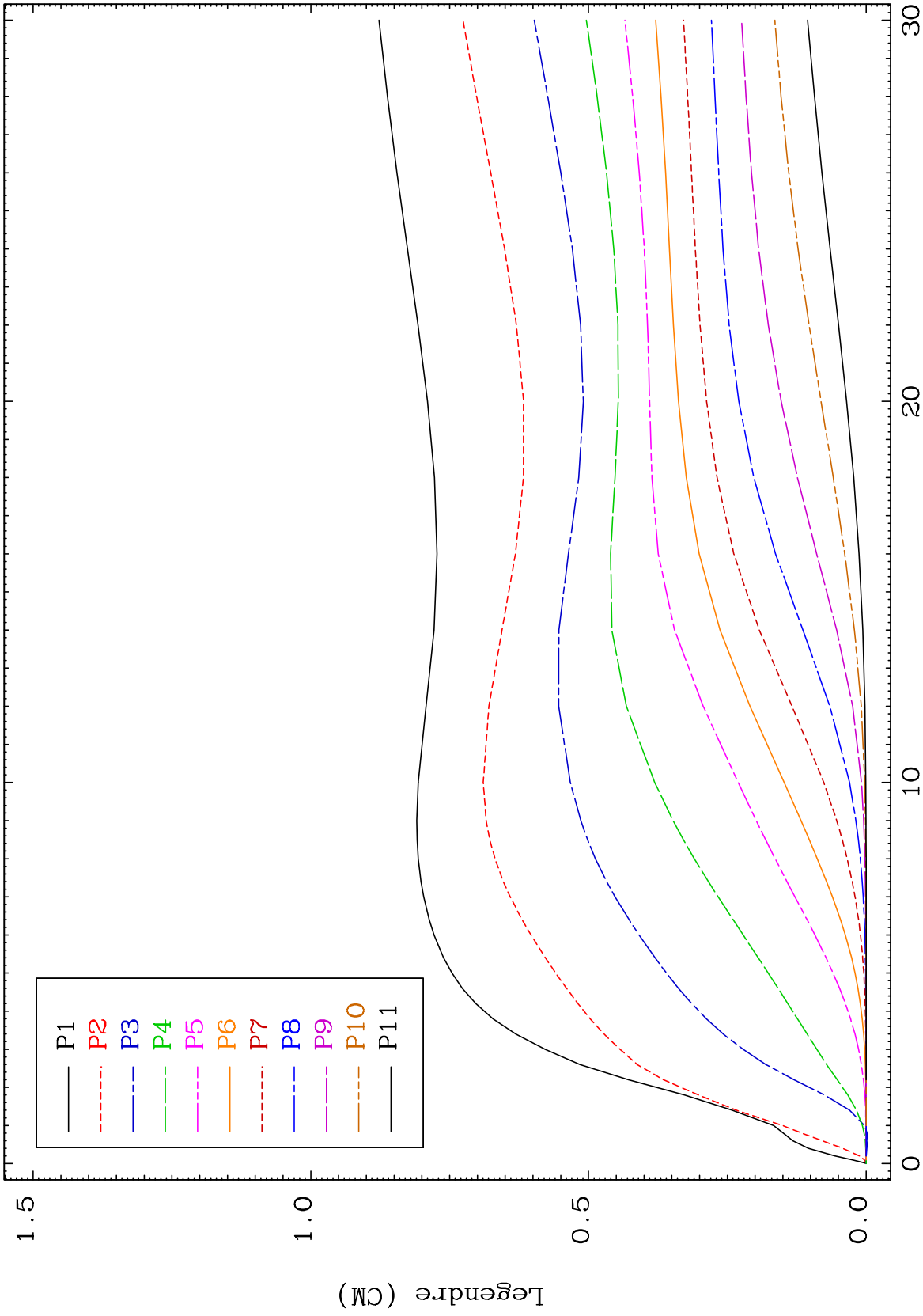
21-Sc-47



MAT 2131

Elastic Legendre Coefficients

21-Sc-47



15

Incident Energy (MeV)

21-Sc-47

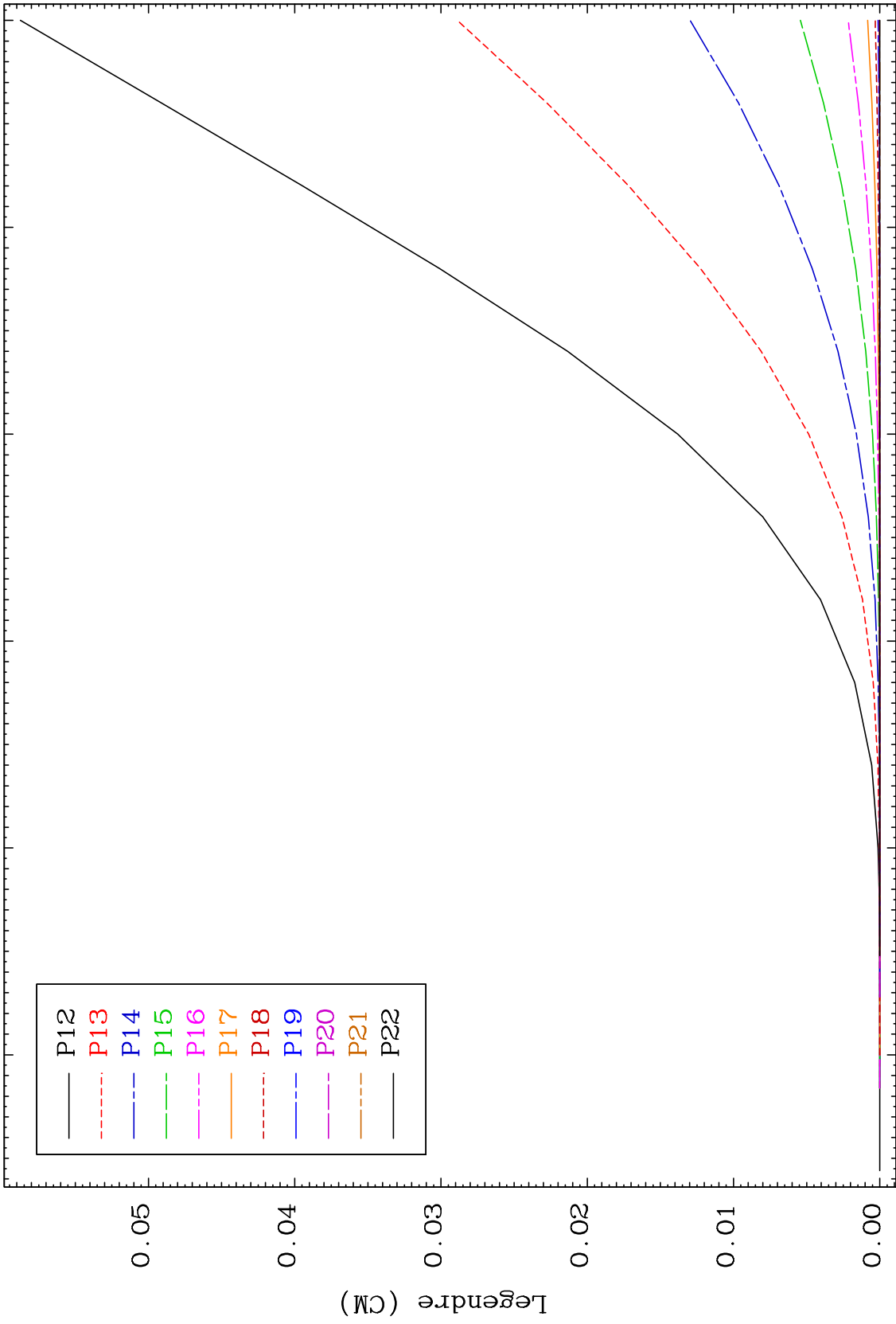
30



MAT 2131

Elastic  
Legendre Coefficients

21-Sc-47



16

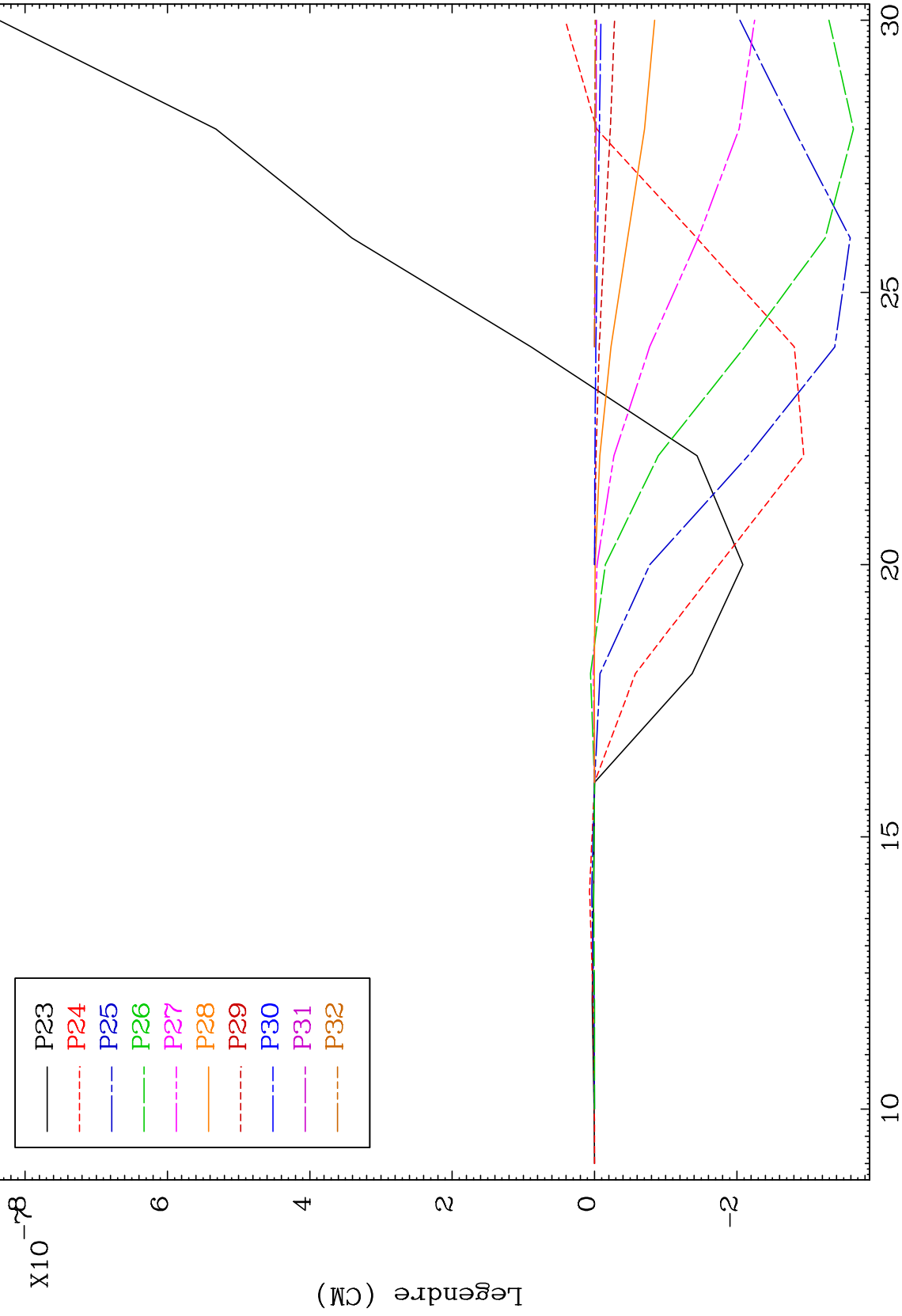
Incident Energy (MeV)

21-Sc-47

MAT 2131

Elastic Legendre Coefficients

21-Sc-47



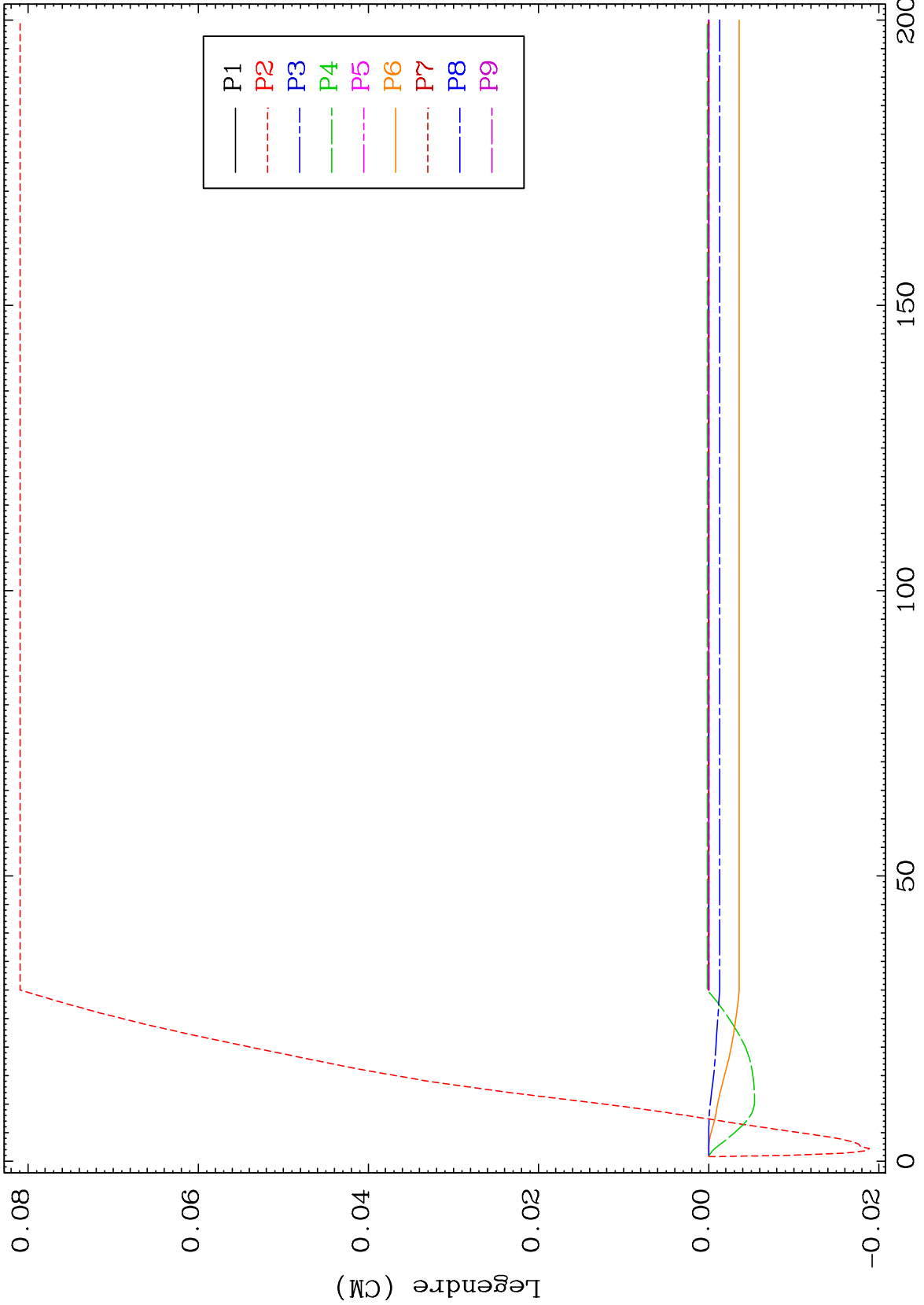
17

Incident Energy (MeV)

21-Sc-47

MAT 2131 MT= 51 (n,n') Level Legendre Coefficients

21-Sc-47



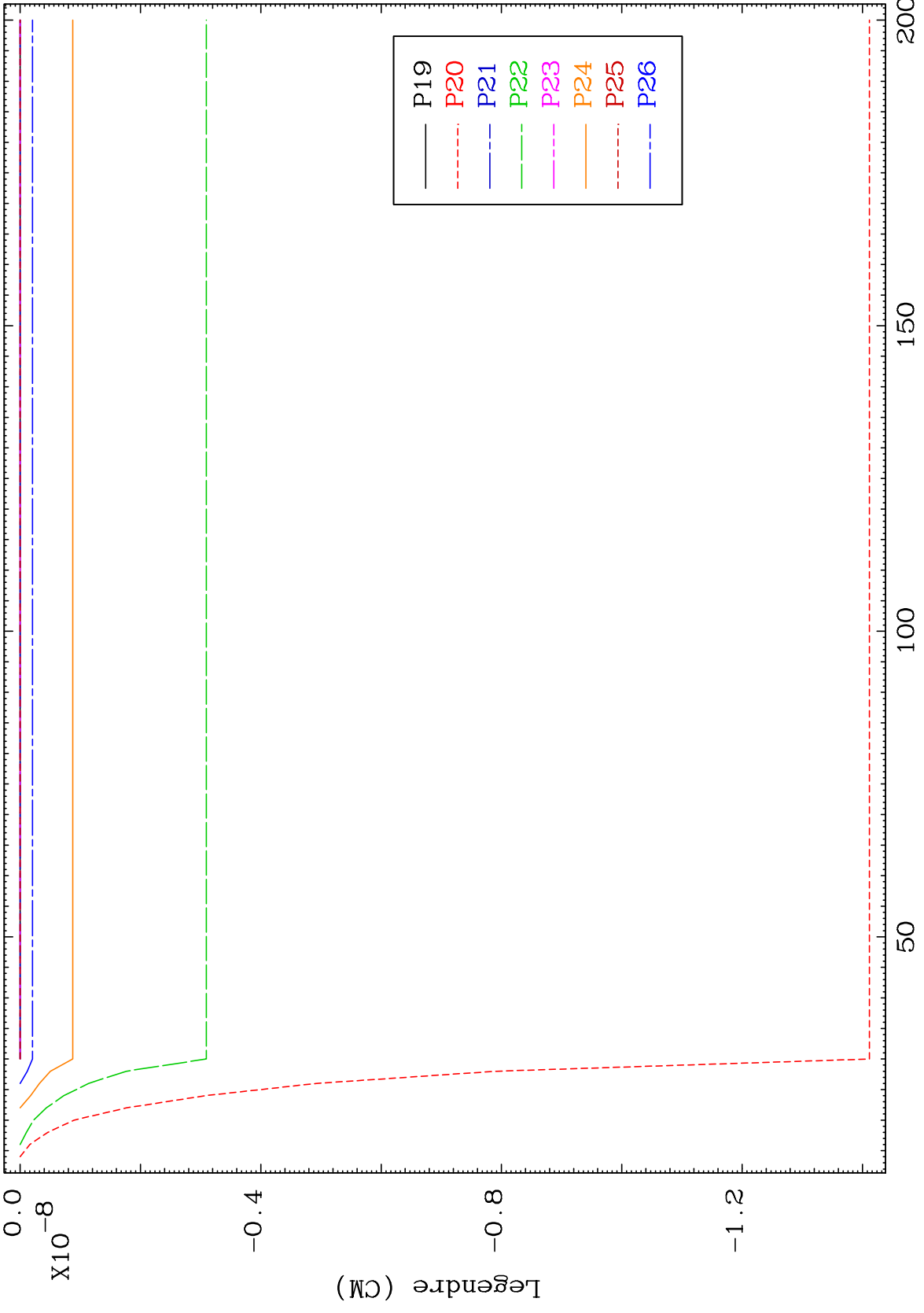
21-Sc-47

Incident Energy (MeV)

18



MAT 2131 MT= 51 (n,n') Level Legendre Coefficients 21-Sc-47

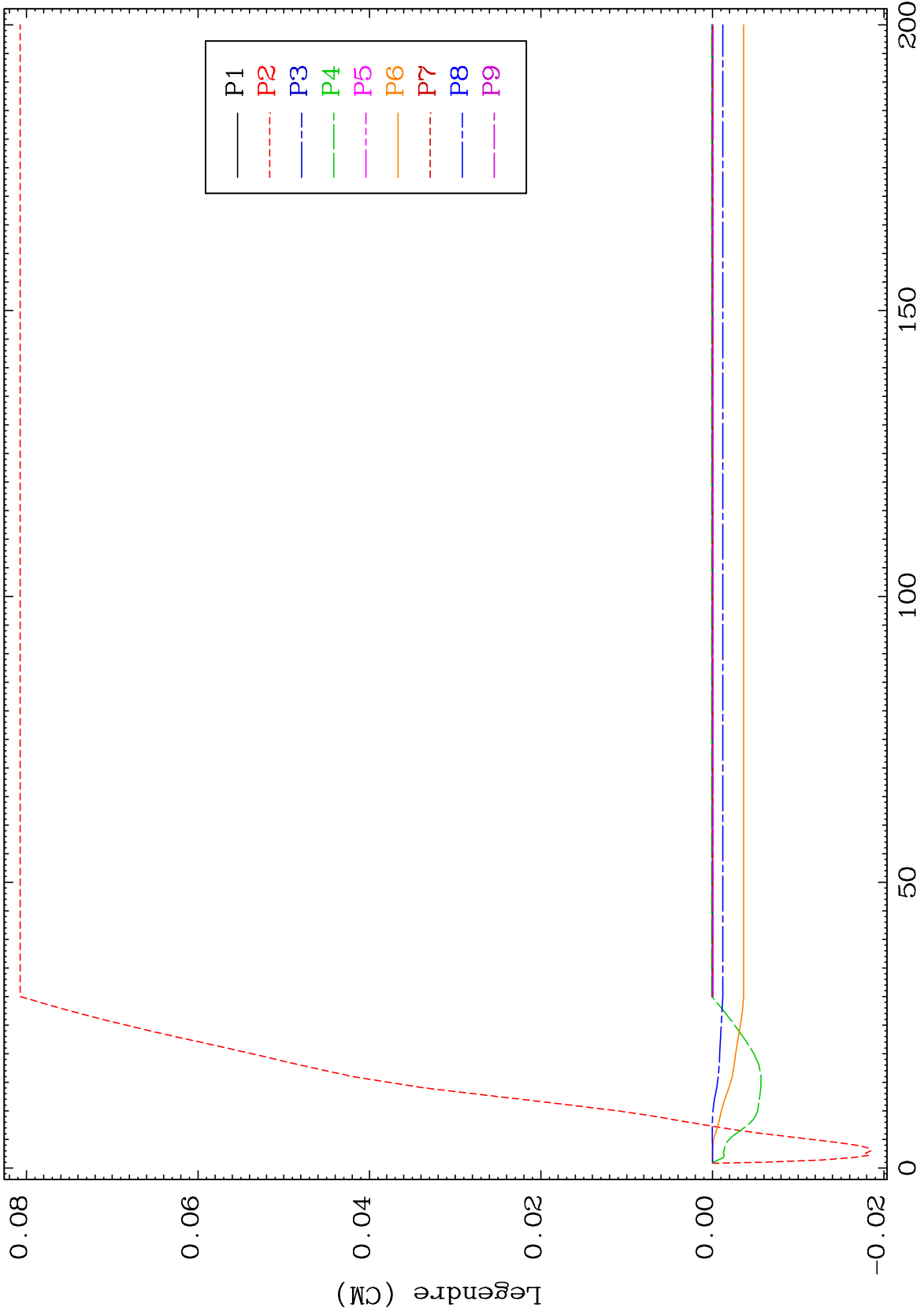


21-Sc-47

MAT 2131

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

21-Sc-47



21

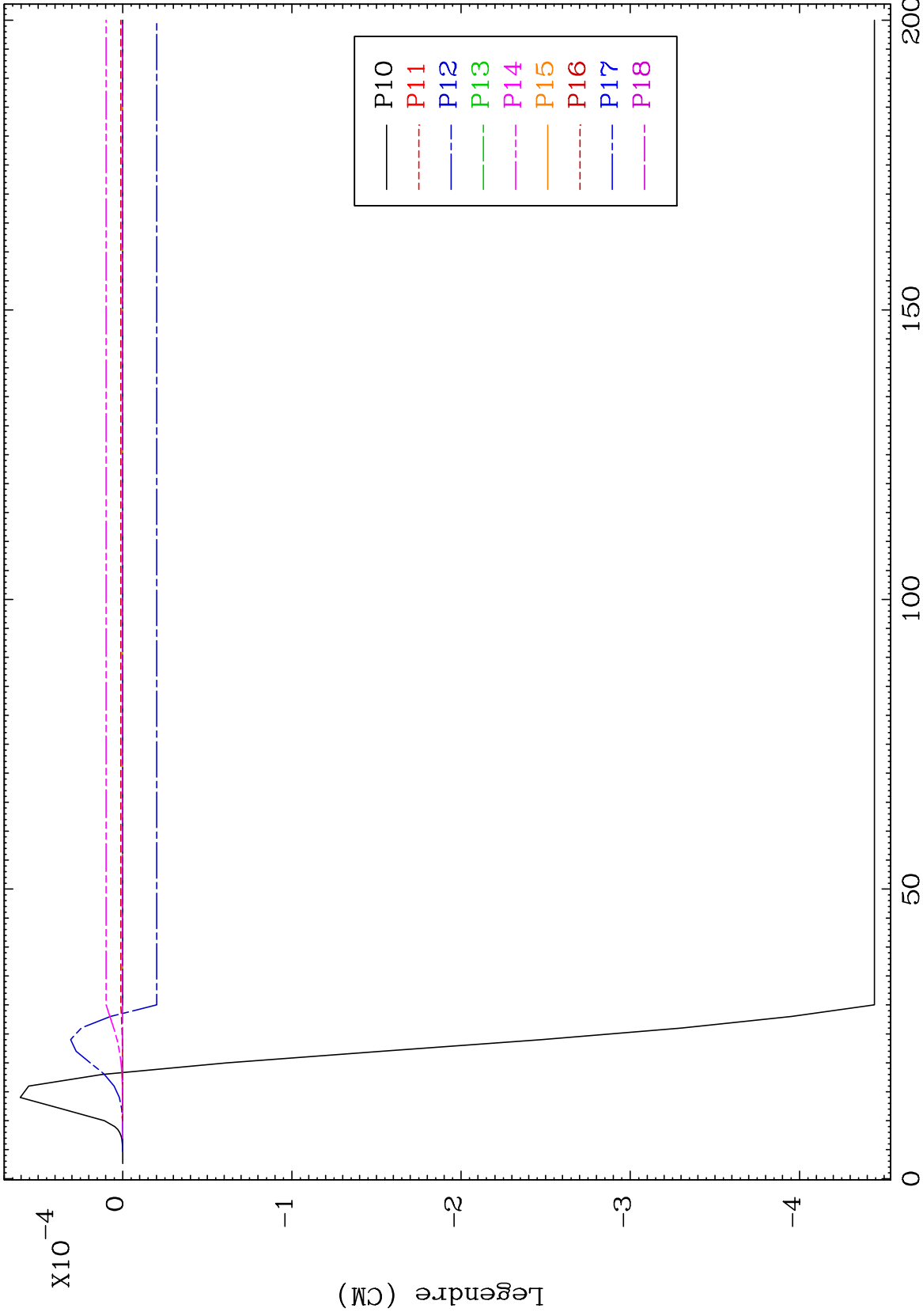
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47

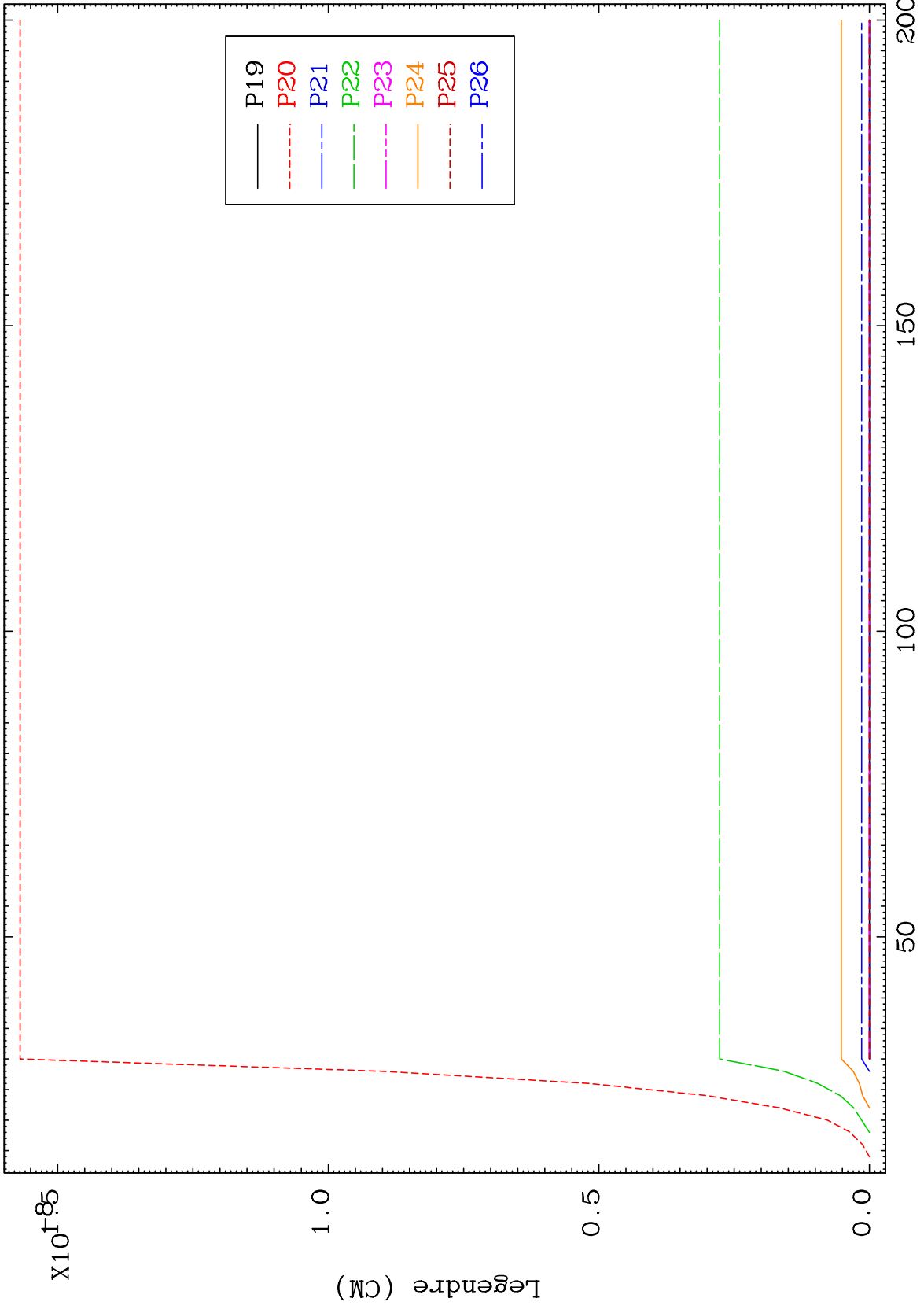


22

Incident Energy (MeV)

21-Sc-47

MAT 2131 MT= 52 (n,n') Level Legendre Coefficients 21-Sc-47

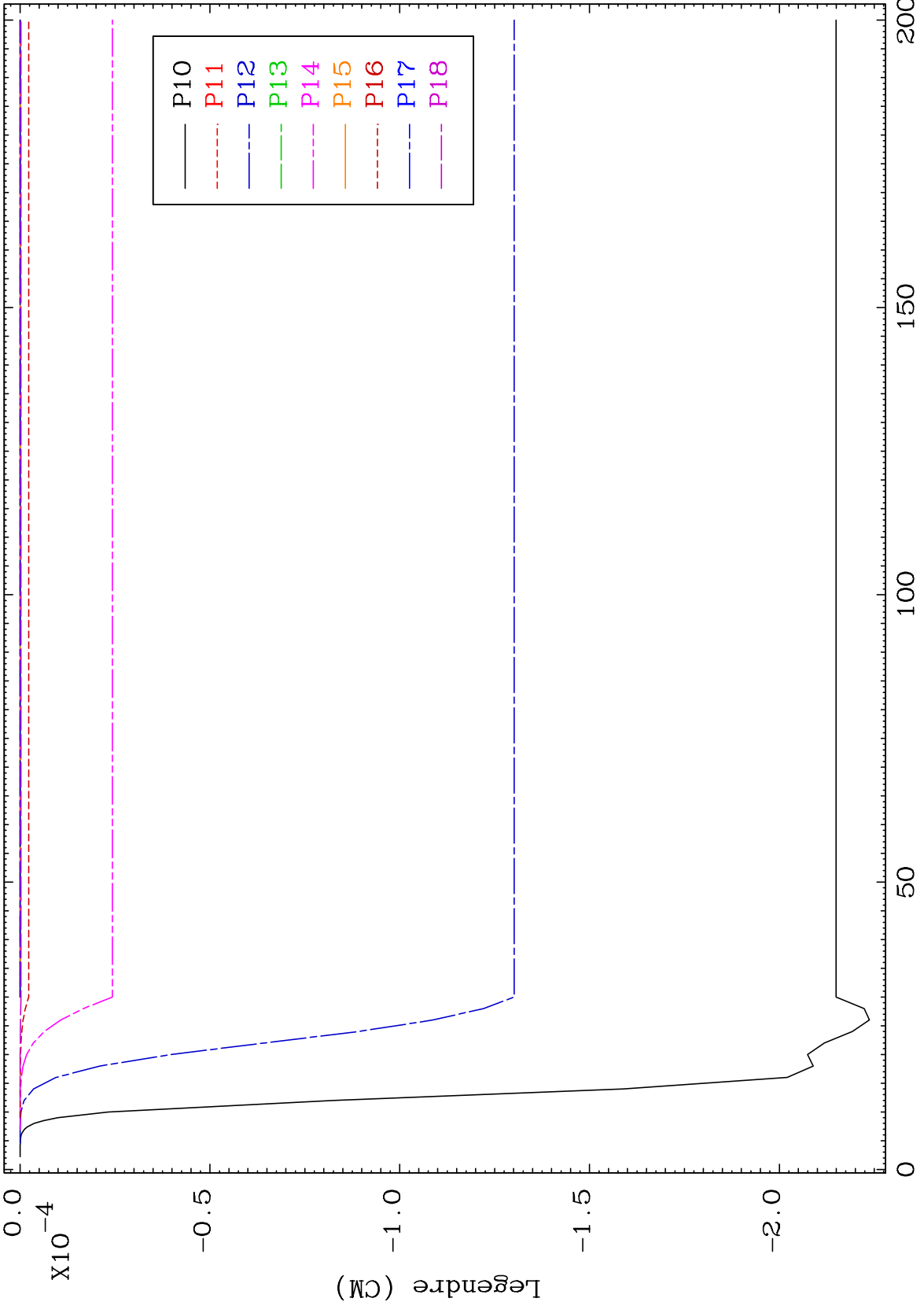


23 21-Sc-47





MAT 2131 MT= 53 (n,n') Level Legendre Coefficients 21-Sc-47

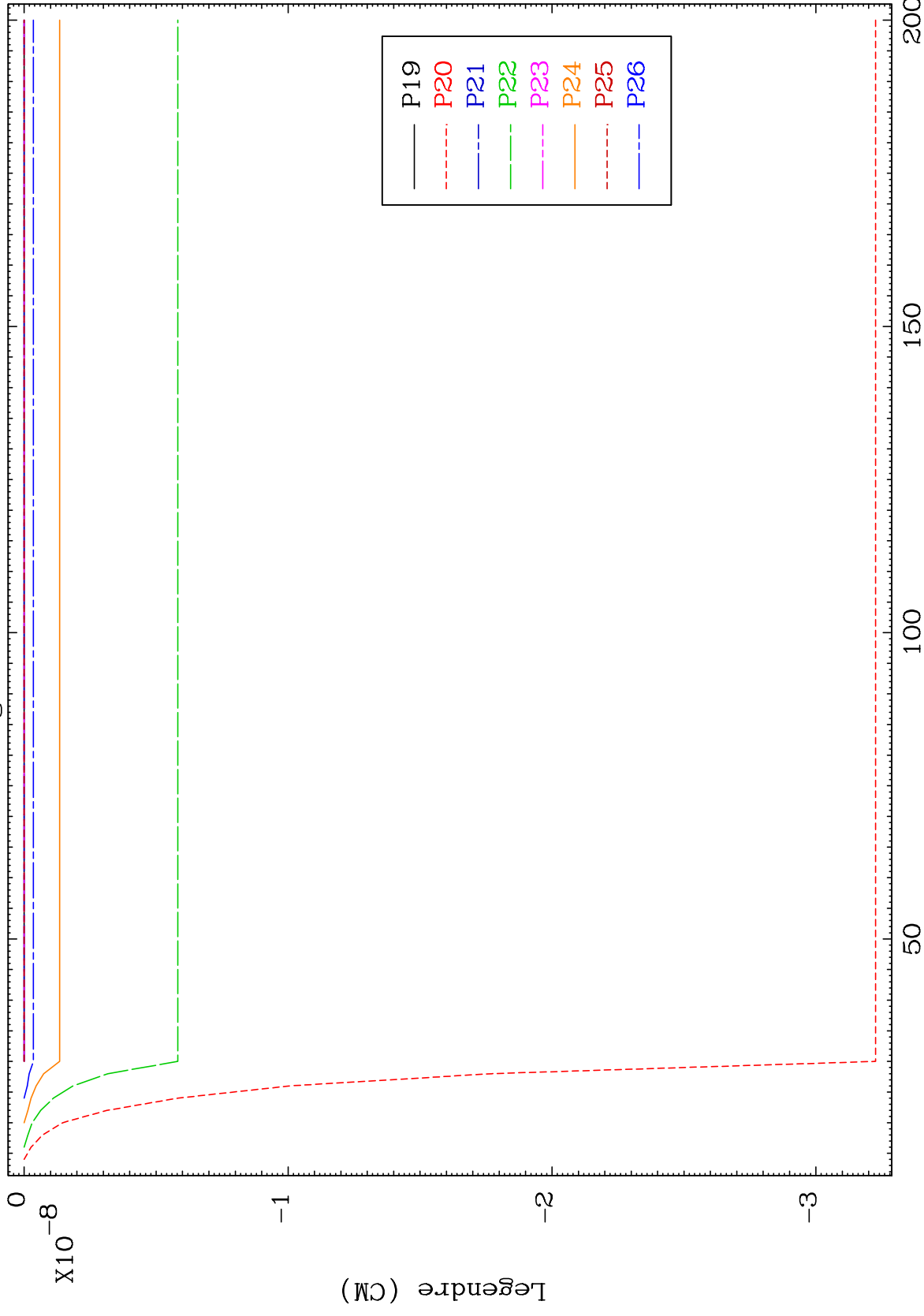


25 Incident Energy (MeV) 21-Sc-47

MAT 2131

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

21-Sc-47

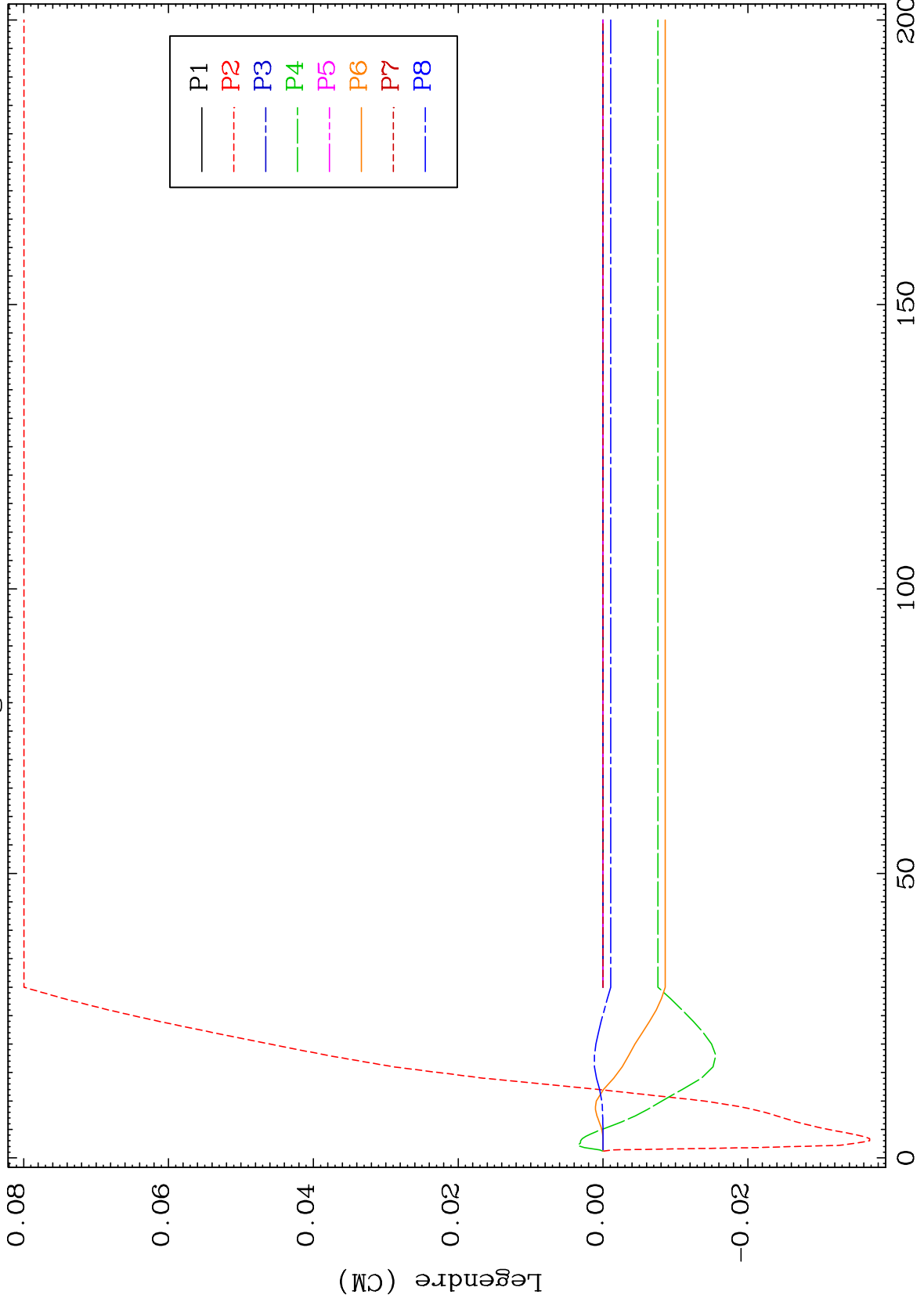


21-Sc-47

Incident Energy (MeV)

26

MAT 2131 MT= 54 (n,n') Level Legendre Coefficients 21-Sc-47

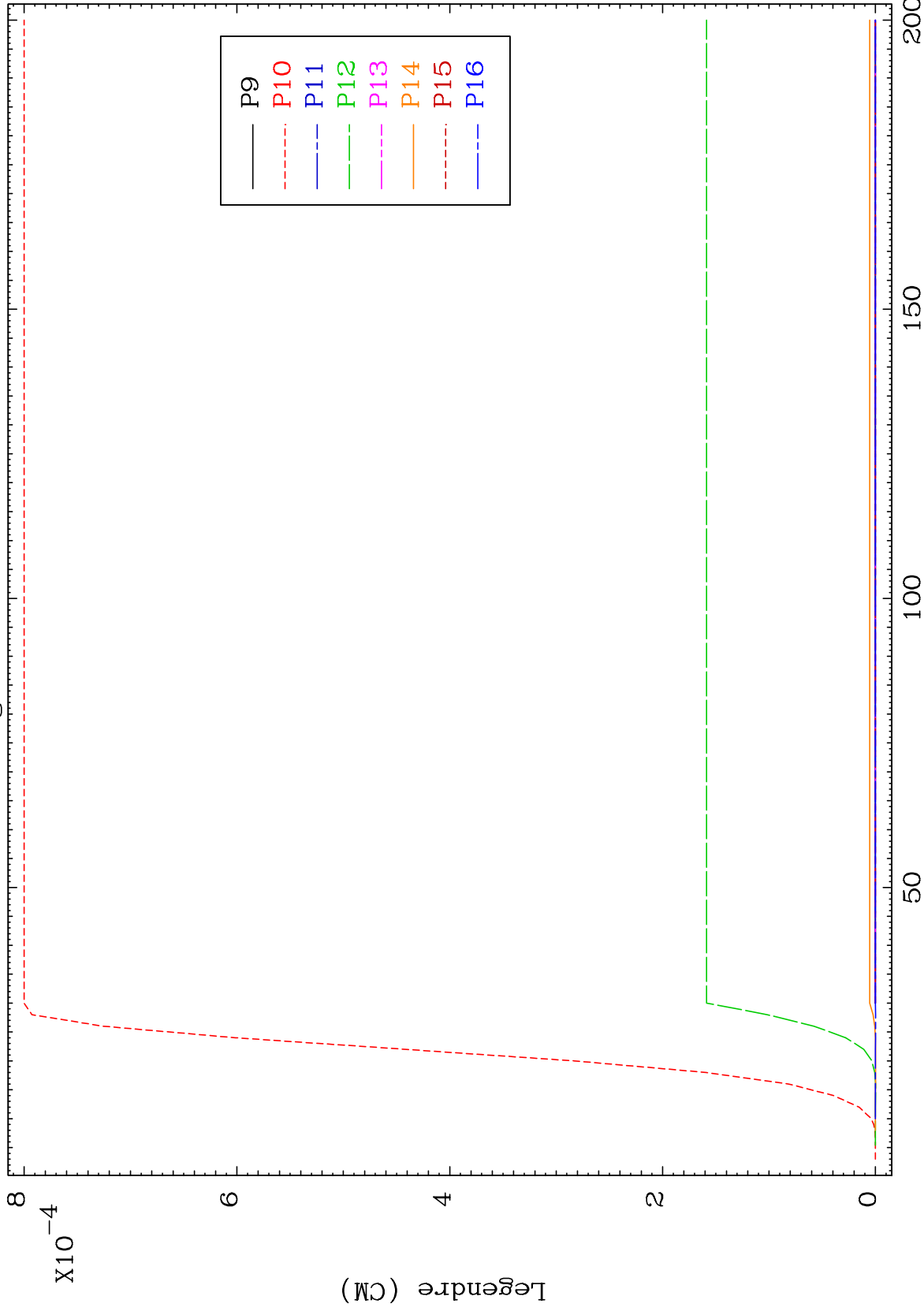


27 21-Sc-47

MAT 2131

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

21-Sc-47



28

Incident Energy (MeV)

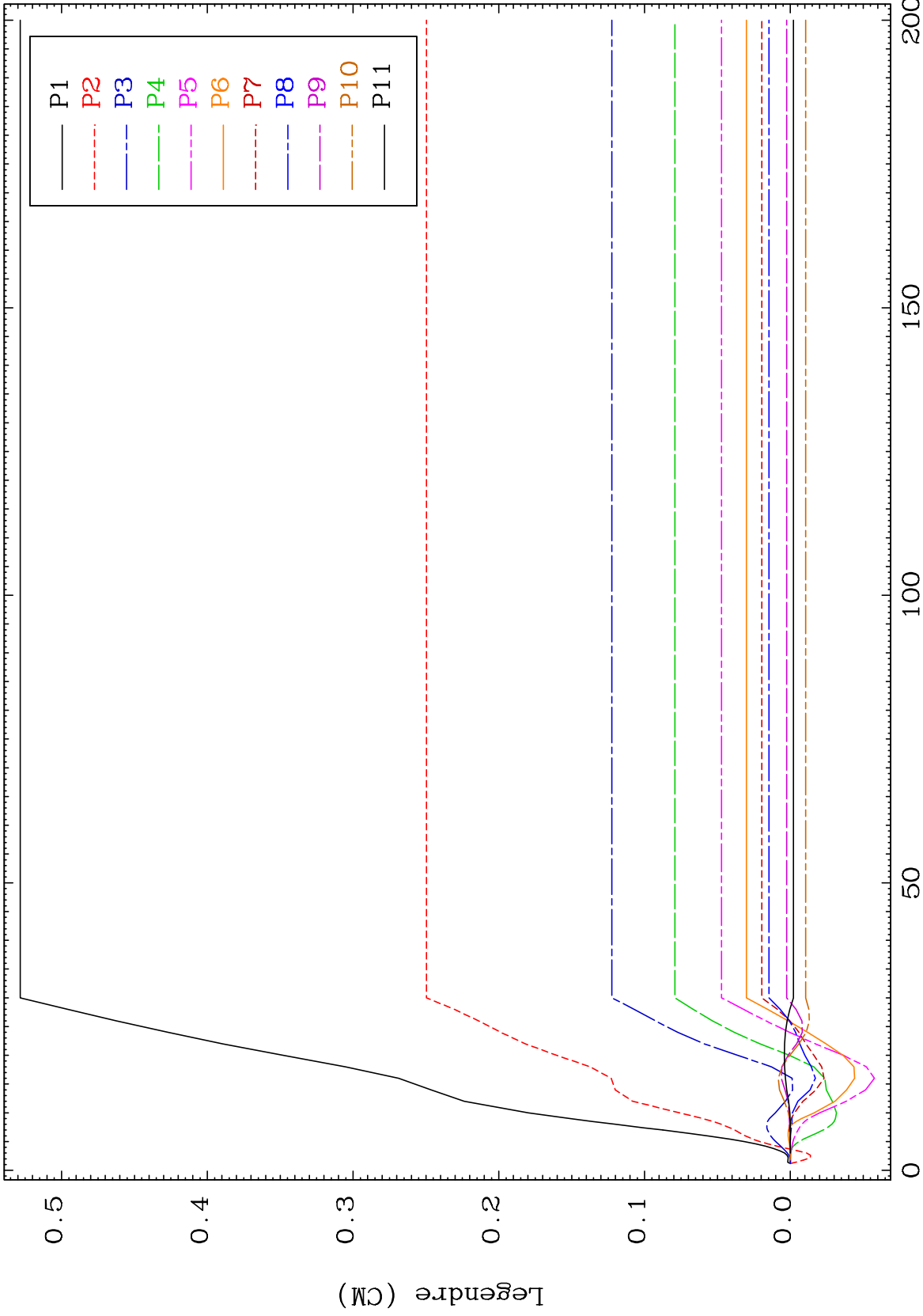
21-Sc-47



MAT 2131

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

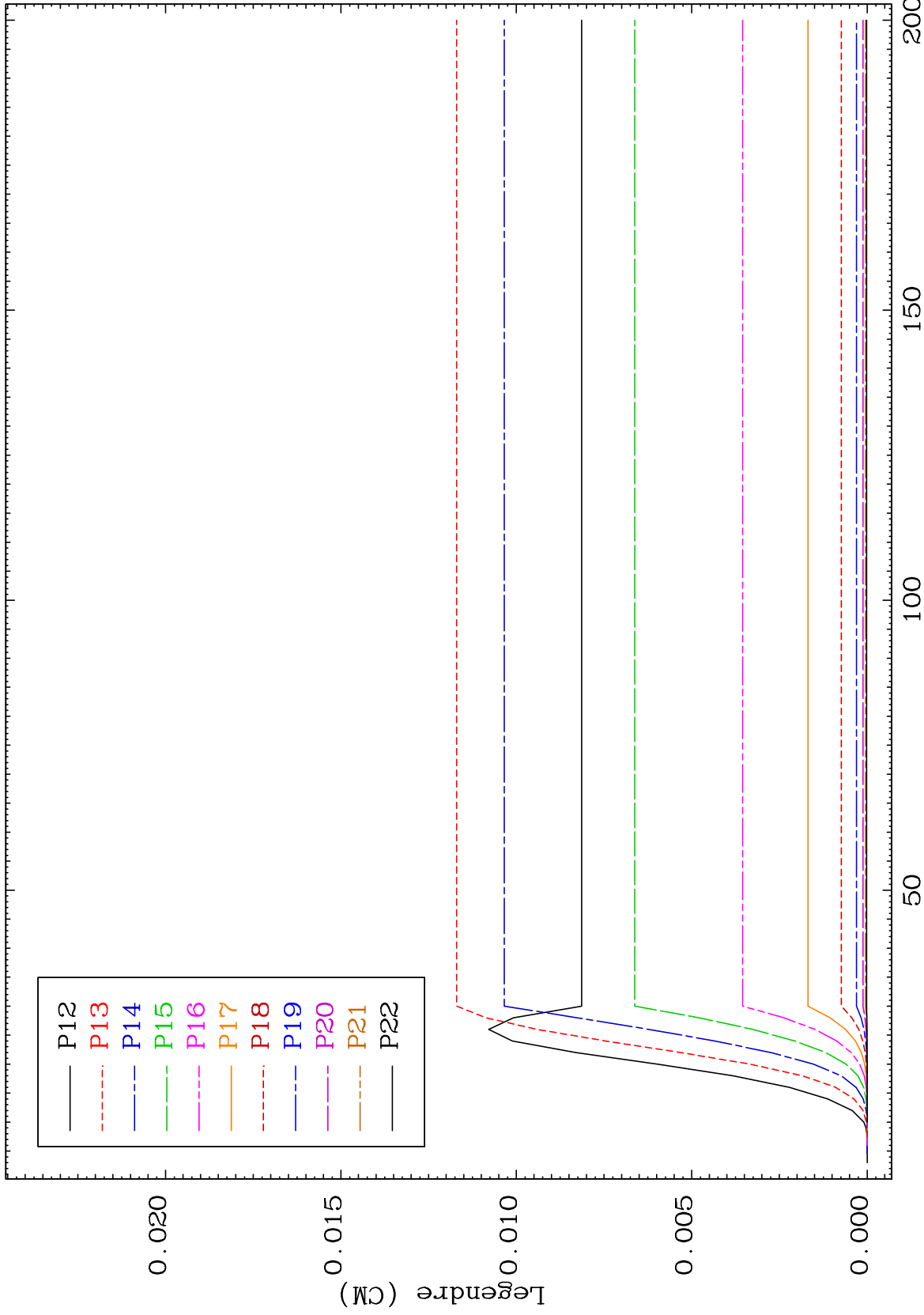
21-Sc-47



21-Sc-47

Incident Energy (MeV)

30

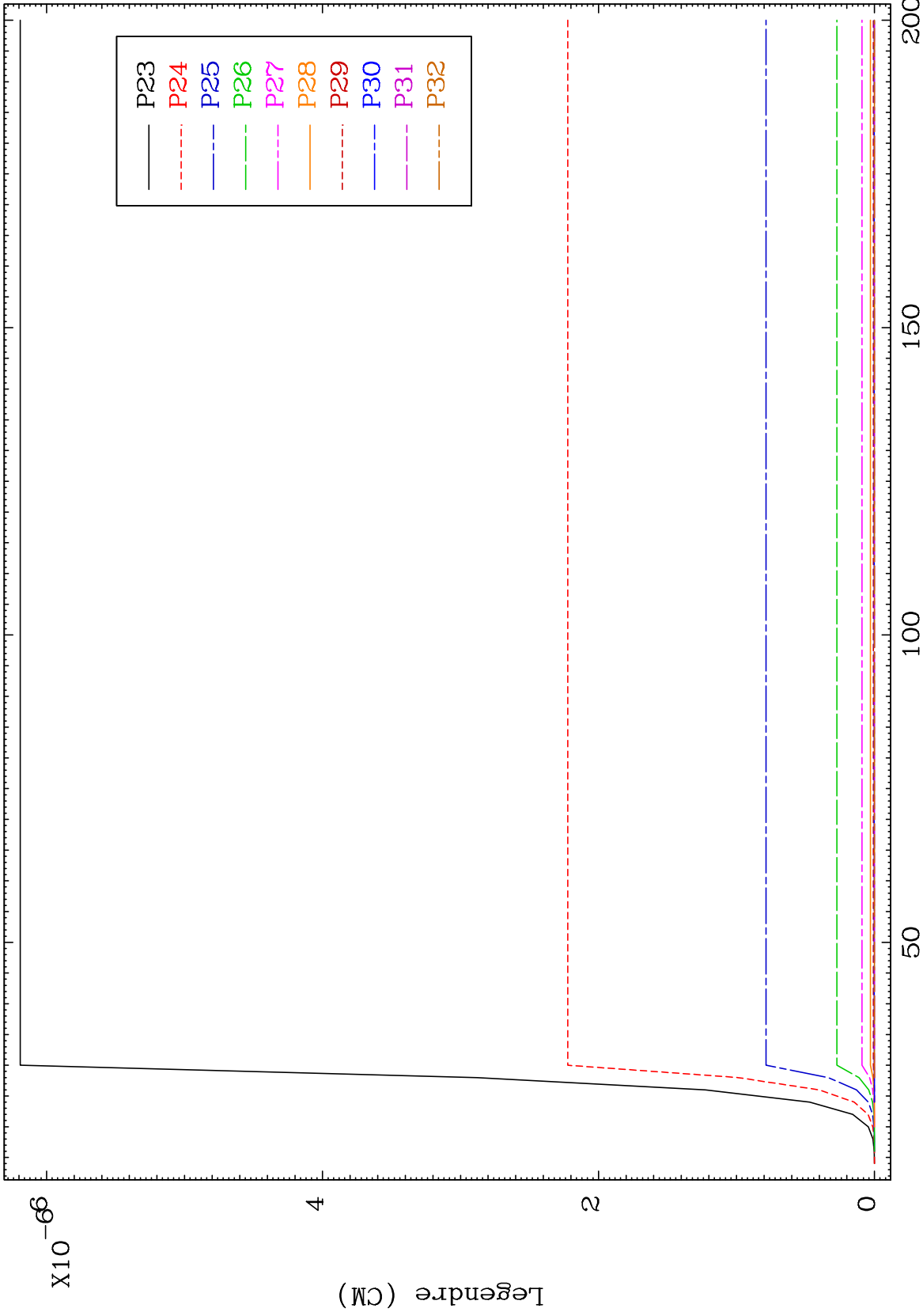




MAT 2131

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

21-Sc-47



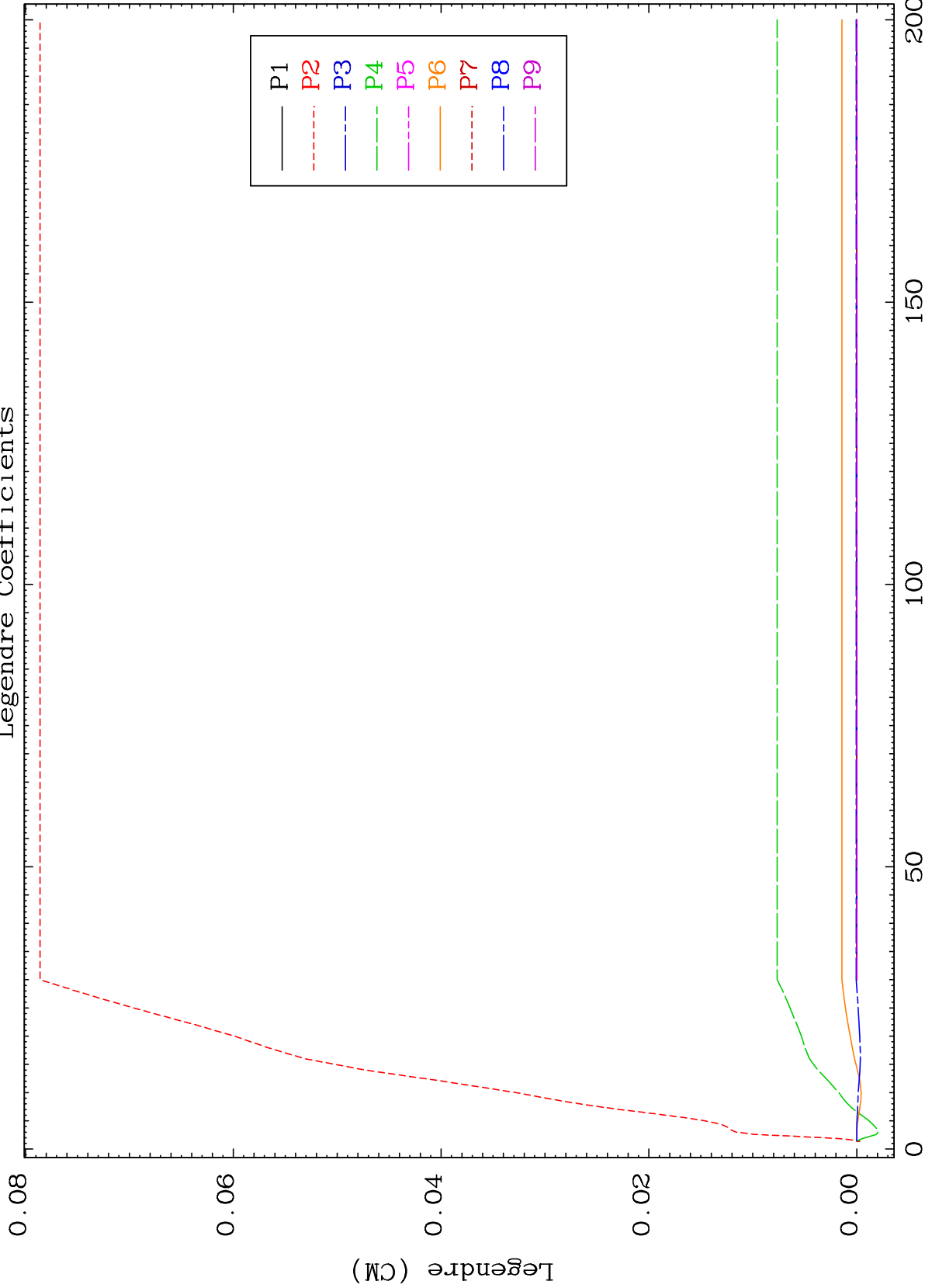
32

Incident Energy (MeV)

21-Sc-47

MAT 2131 MT= 56 (n,n') Level Legendre Coefficients

21-Sc-47



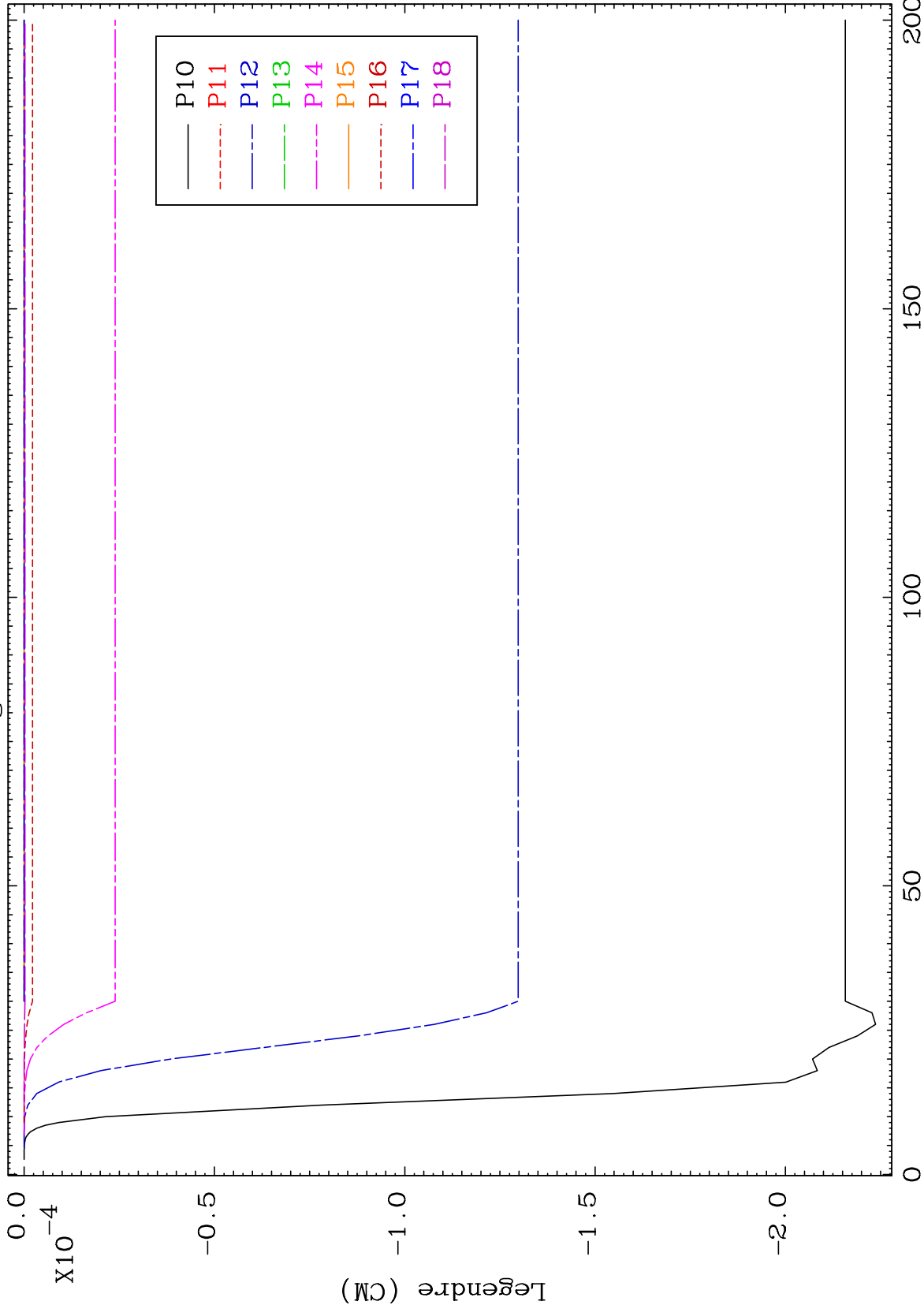
21-Sc-47

Incident Energy (MeV)

MAT 2131

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

21-Sc-47



21-Sc-47

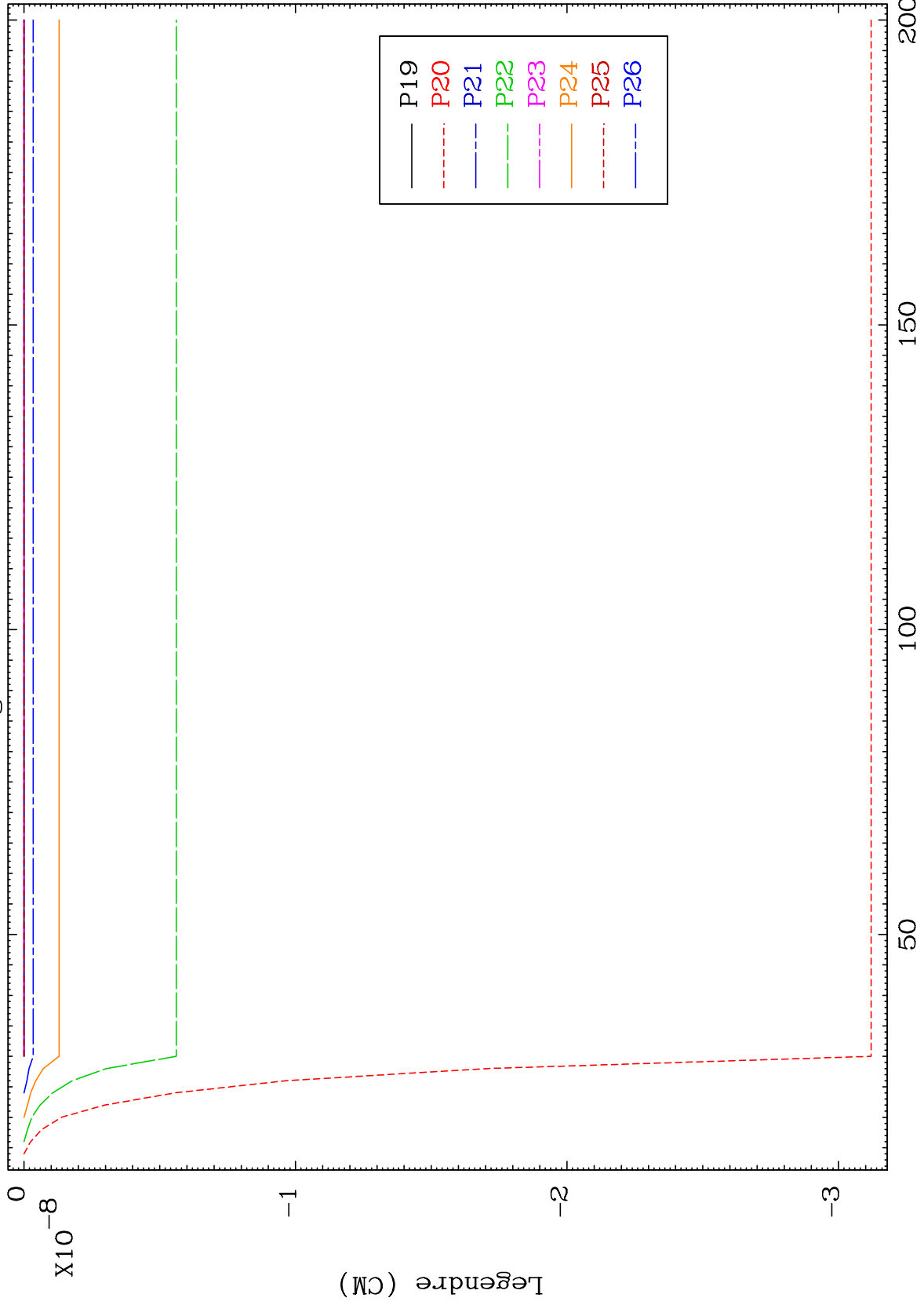
Incident Energy (MeV)

34

MAT 2131

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

21-Sc-47



21-Sc-47

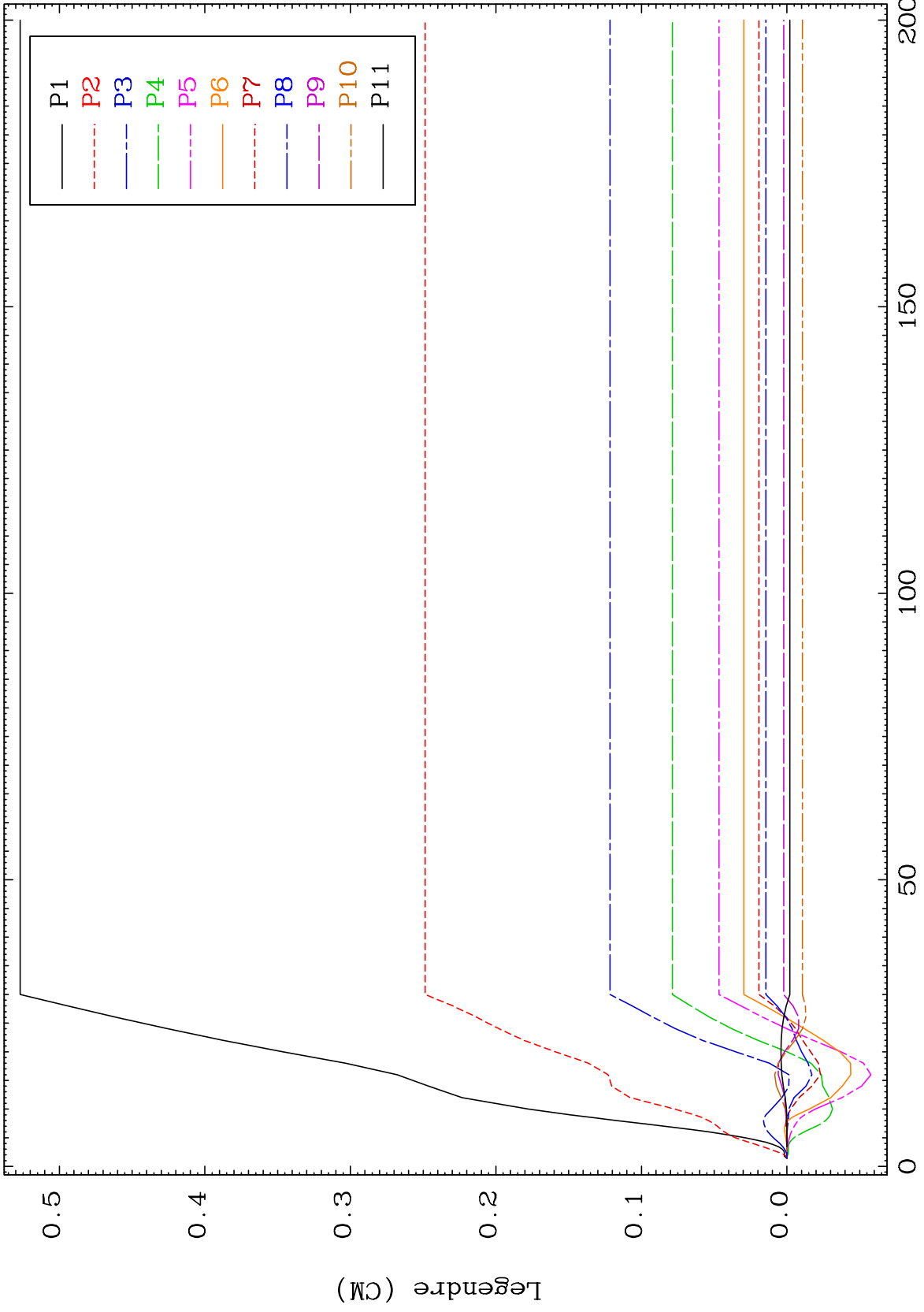
Incident Energy (MeV)

35

MAT 2131

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

21-Sc-47



36

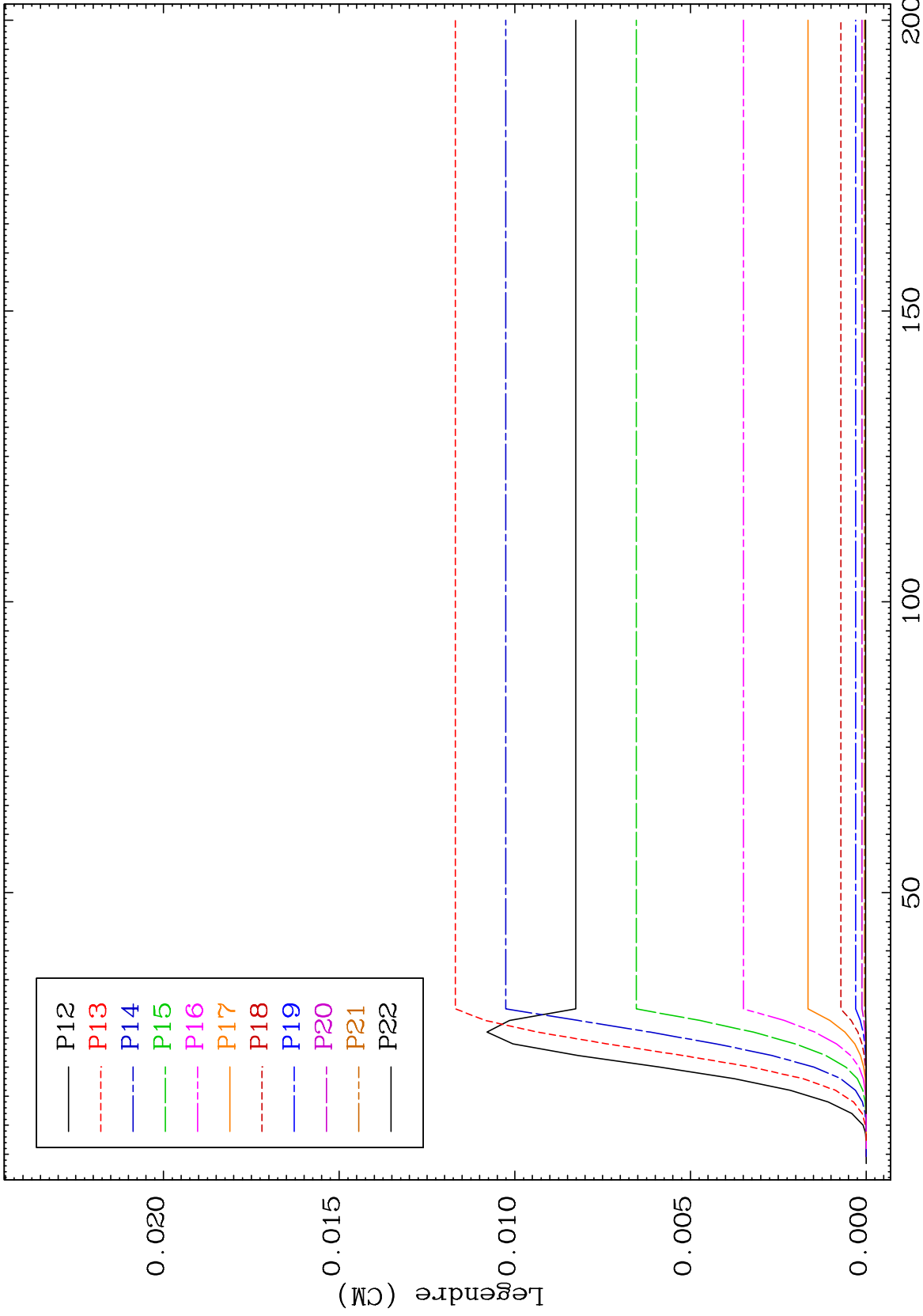
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



37

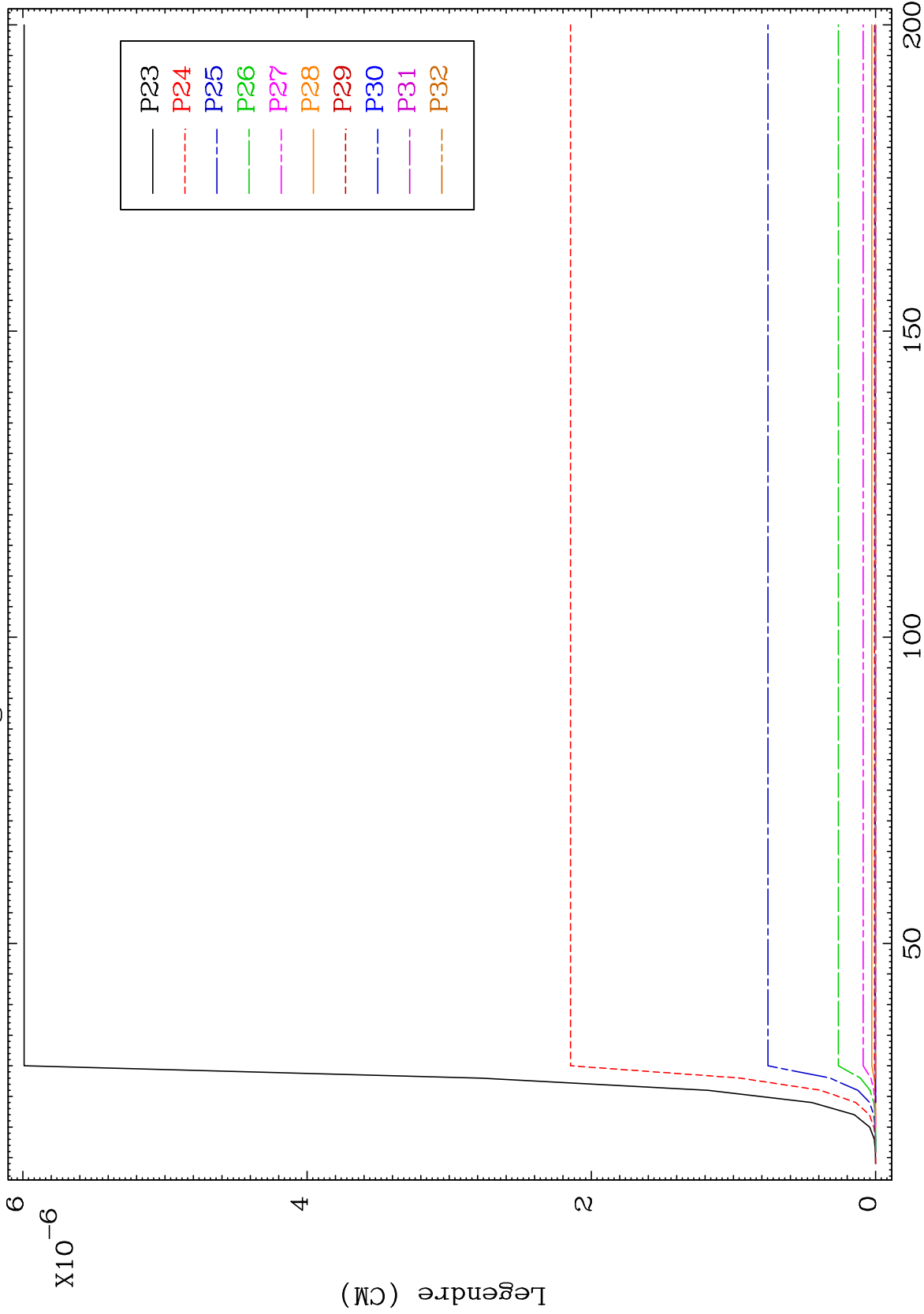
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47

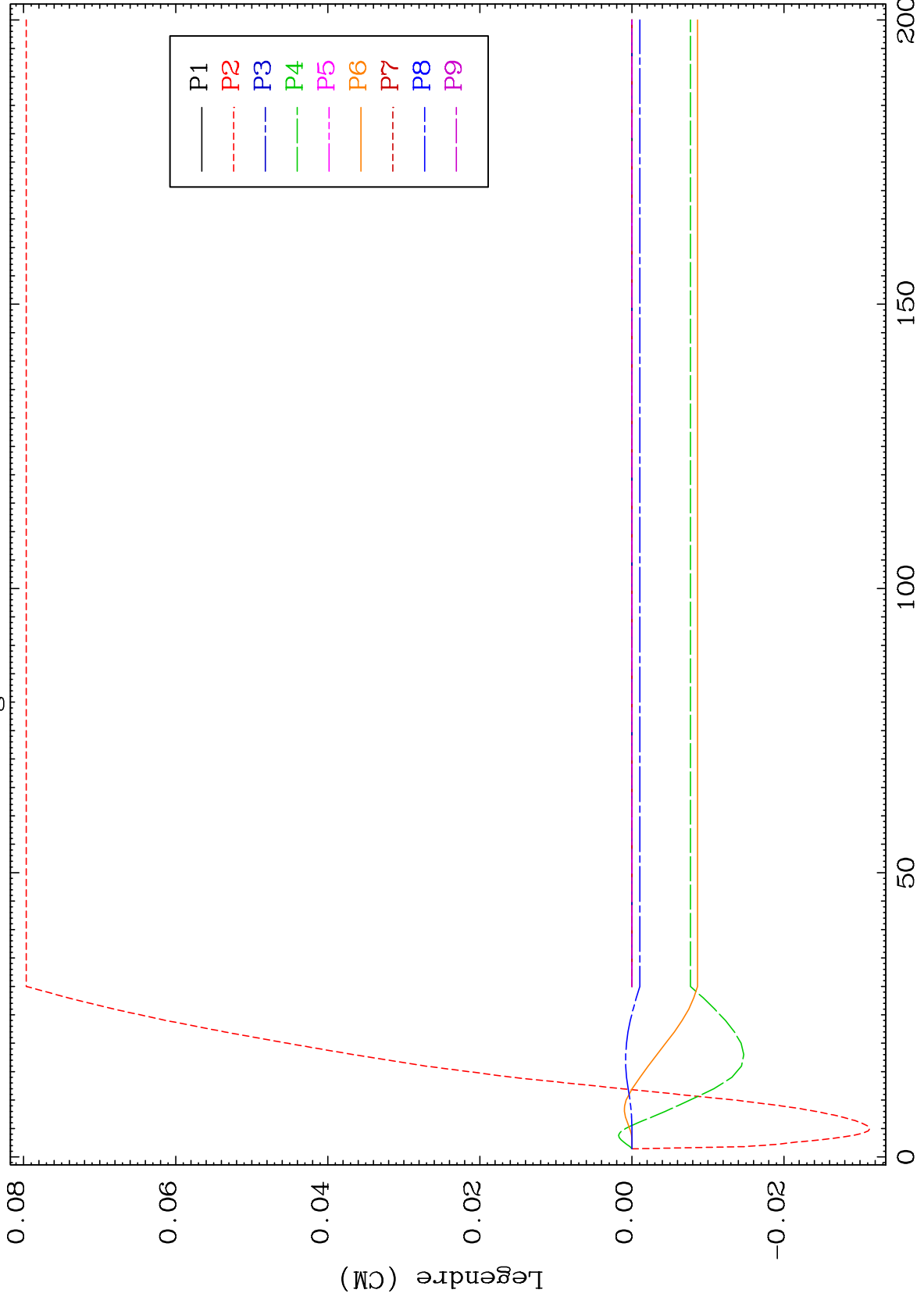


38

Incident Energy (MeV)

21-Sc-47

MAT 2131 MT= 58 (n,n') Level Legendre Coefficients 21-Sc-47



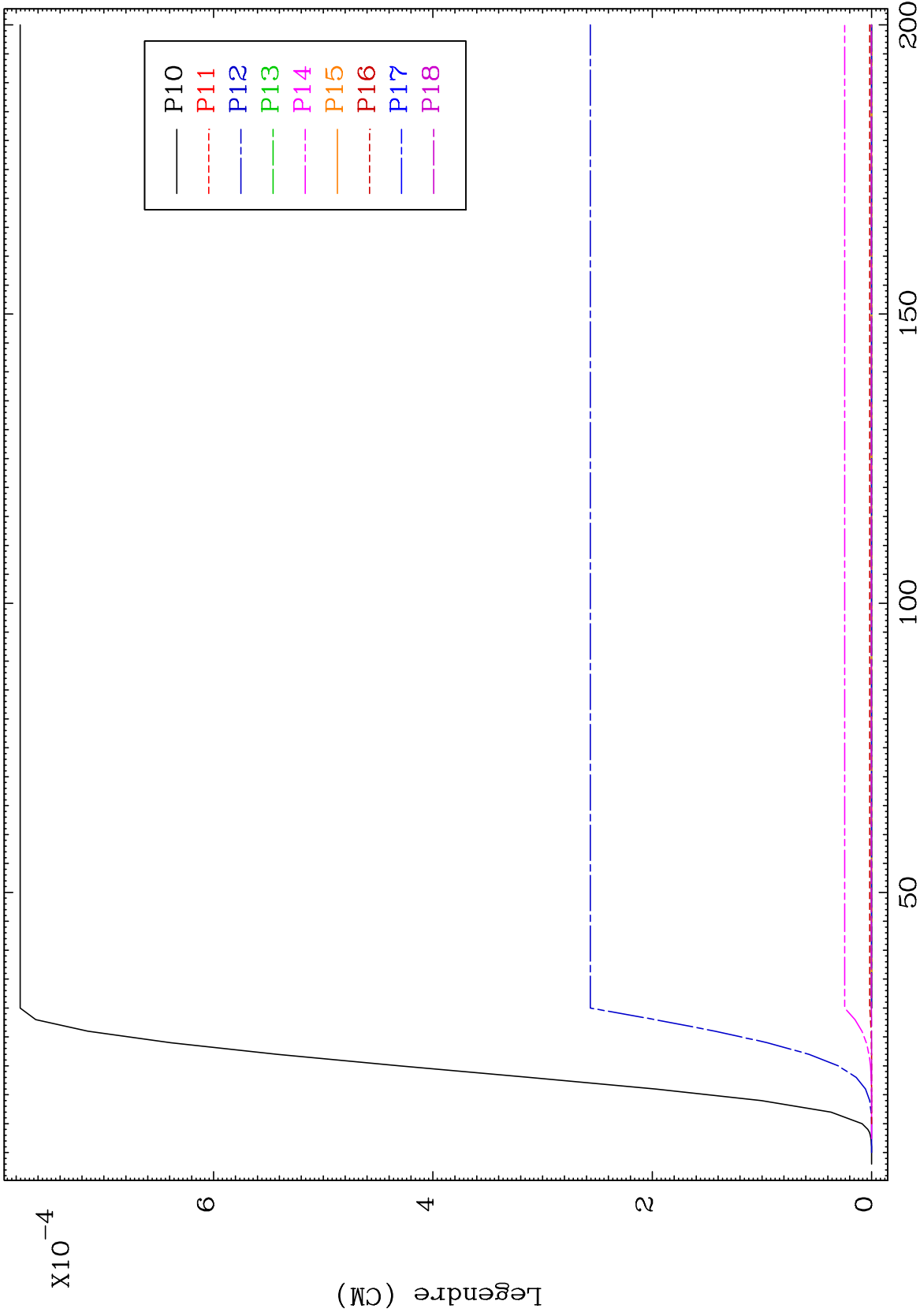
39 21-Sc-47



MAT 2131

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

21-Sc-47



40

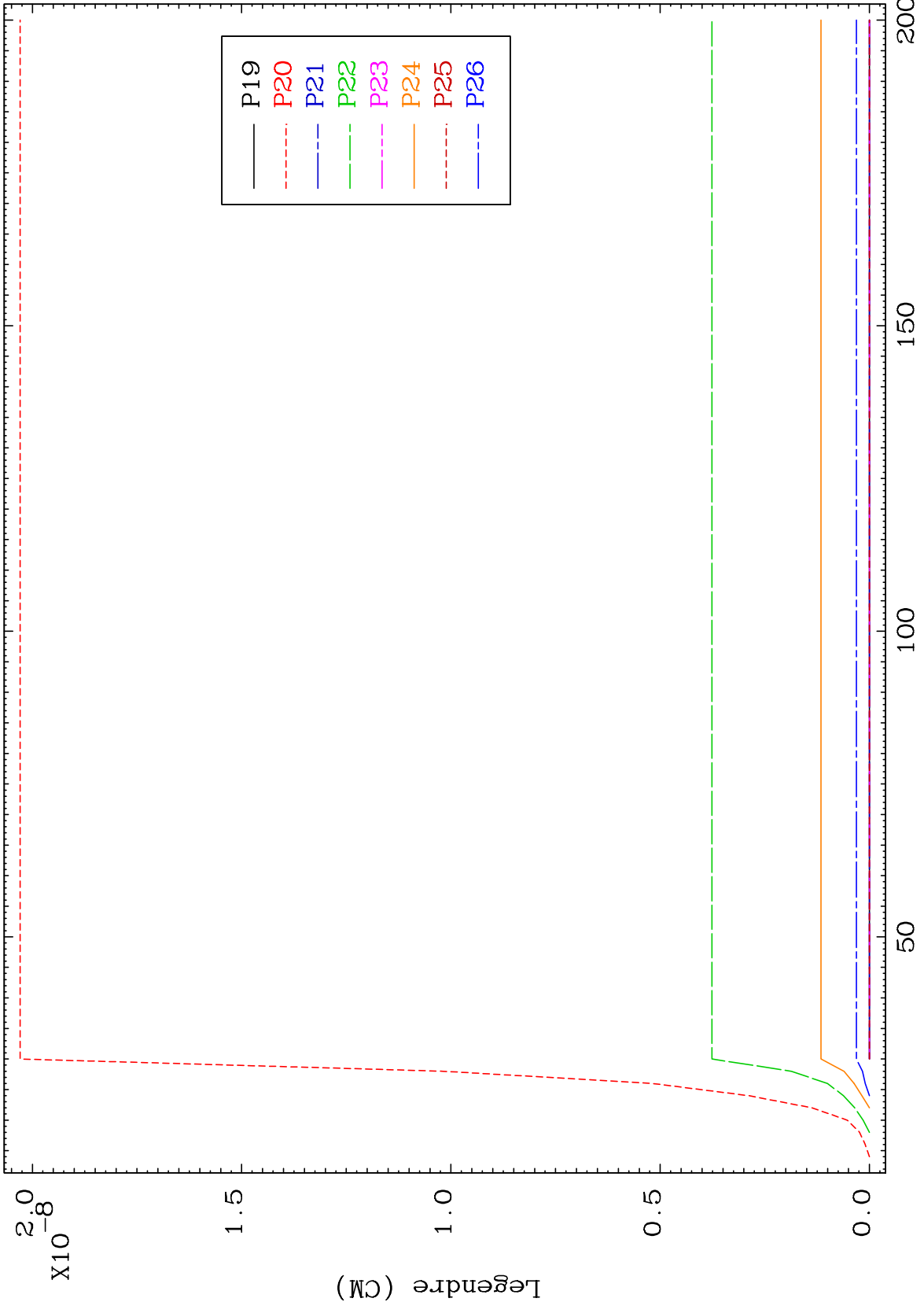
Incident Energy (MeV)

150

21-Sc-47

200

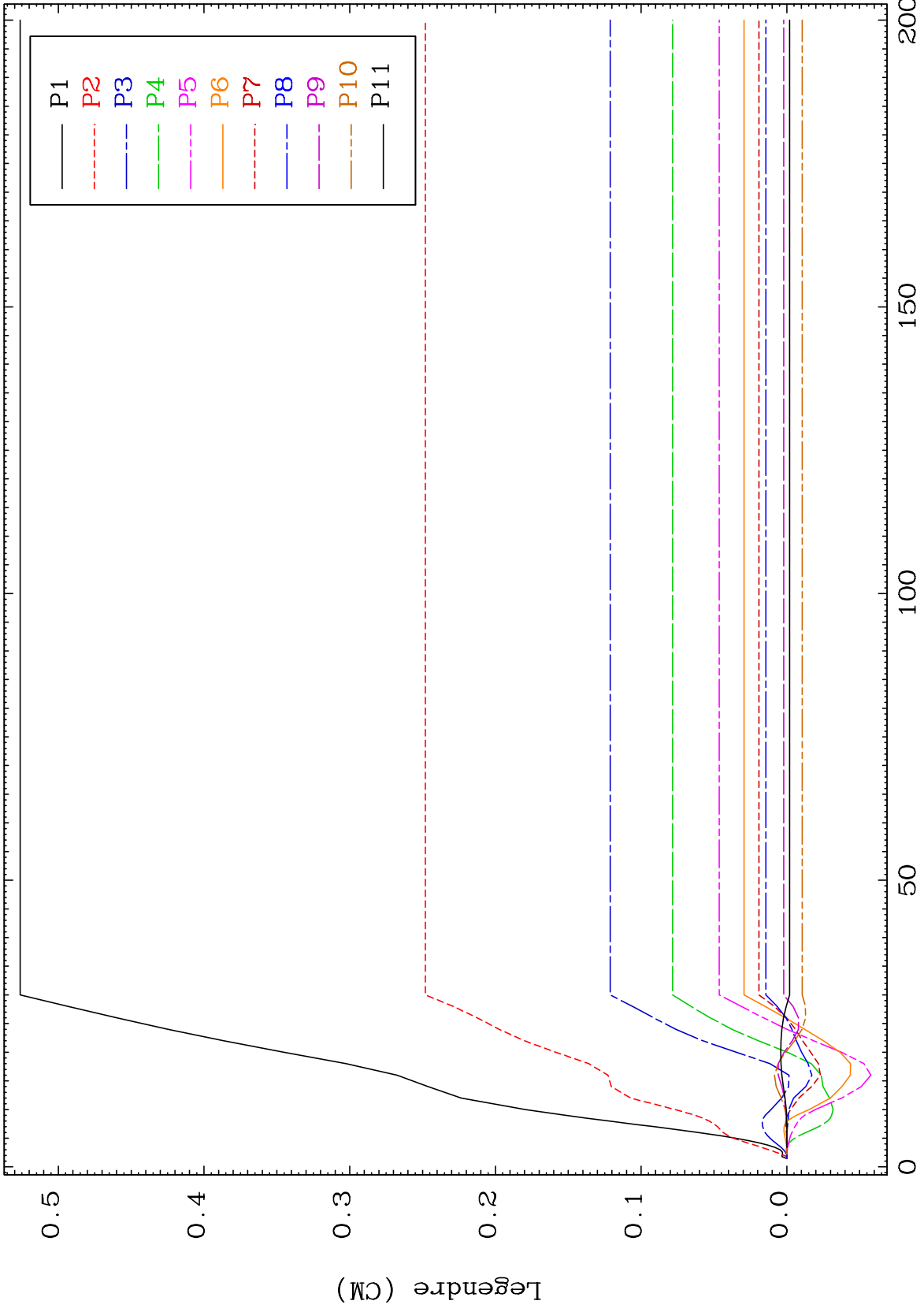
MAT 2131 MT= 58 (n,n') Level Legendre Coefficients 21-Sc-47



MAT 2131

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

21-Sc-47



42

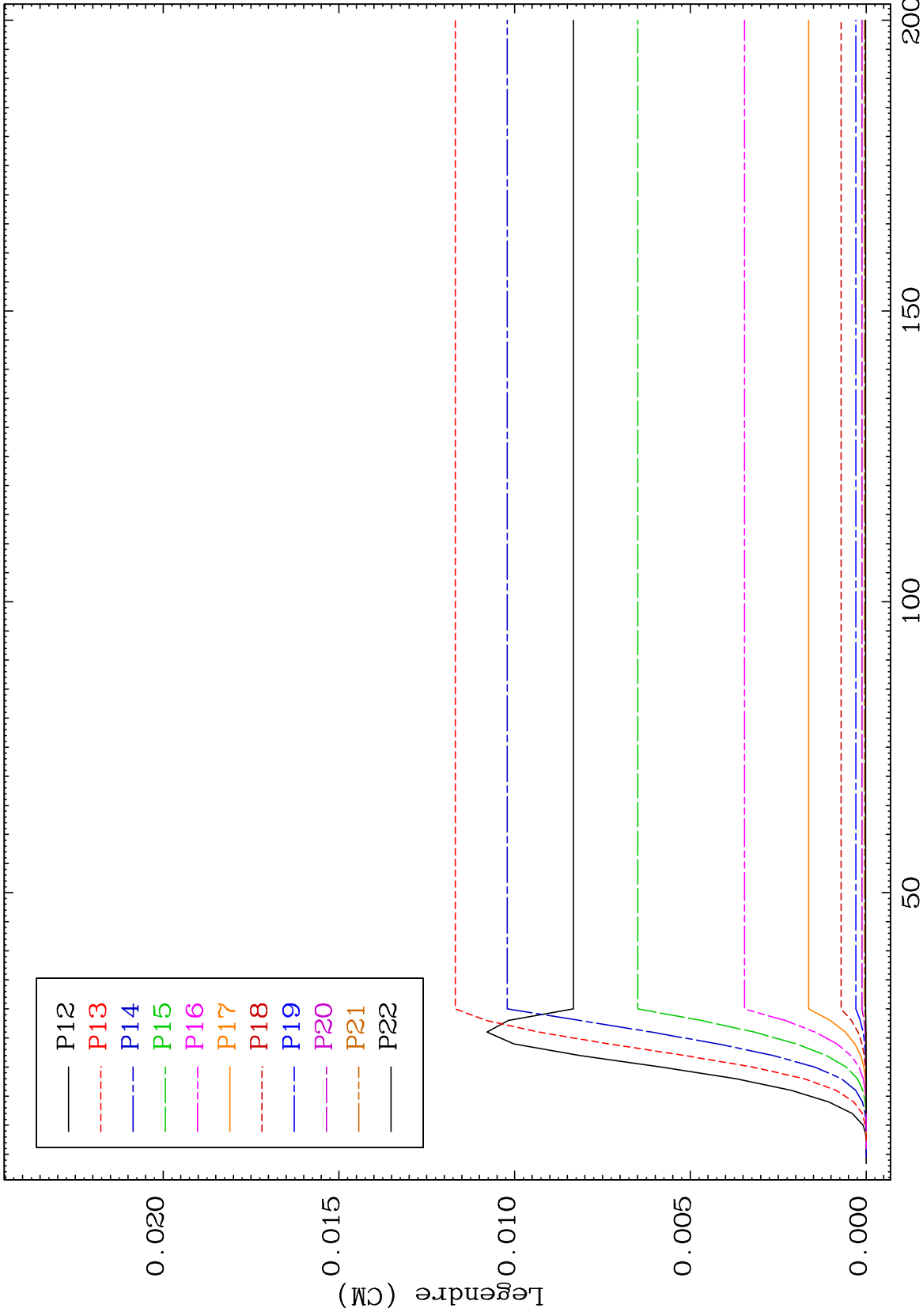
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



43

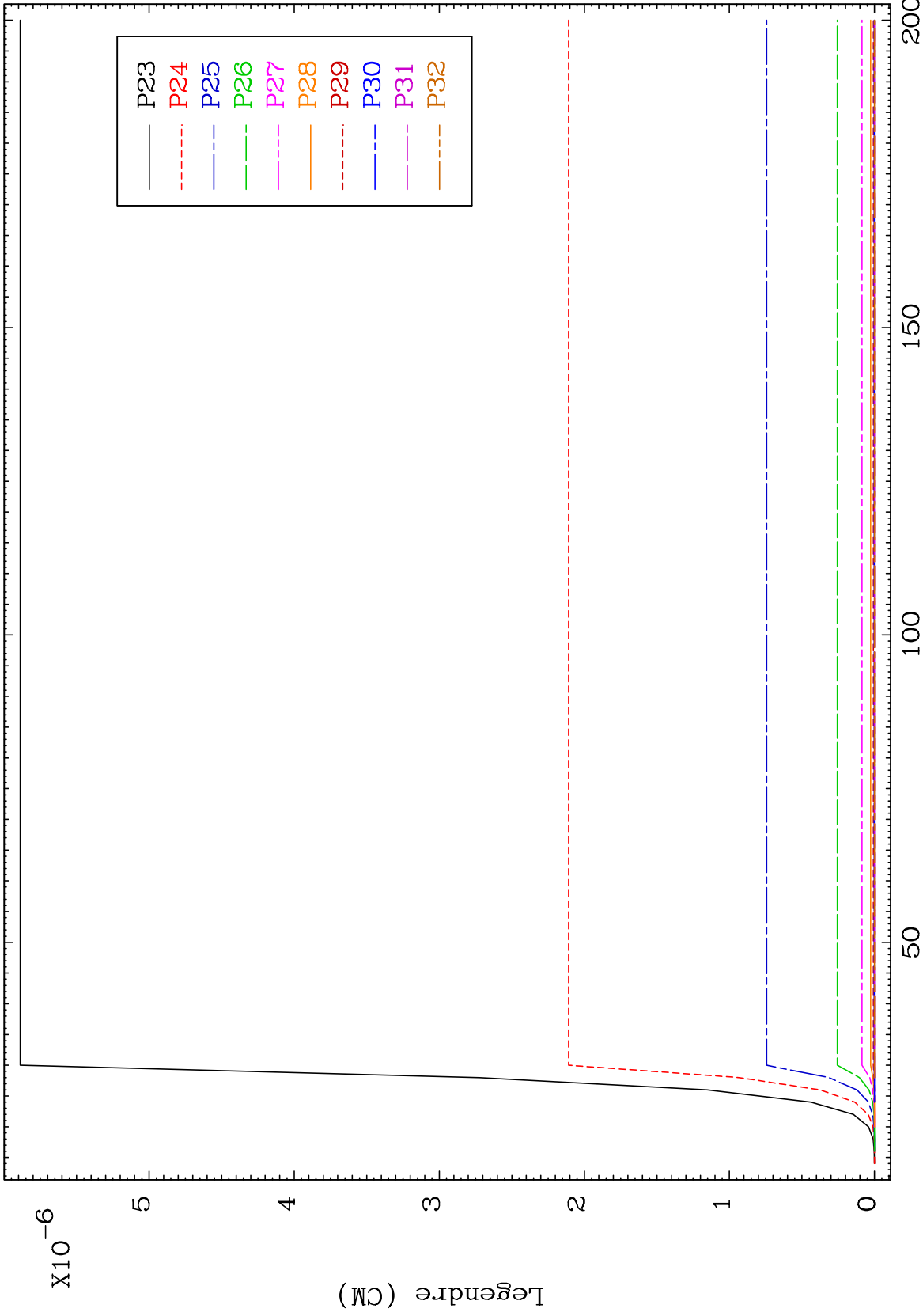
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



44

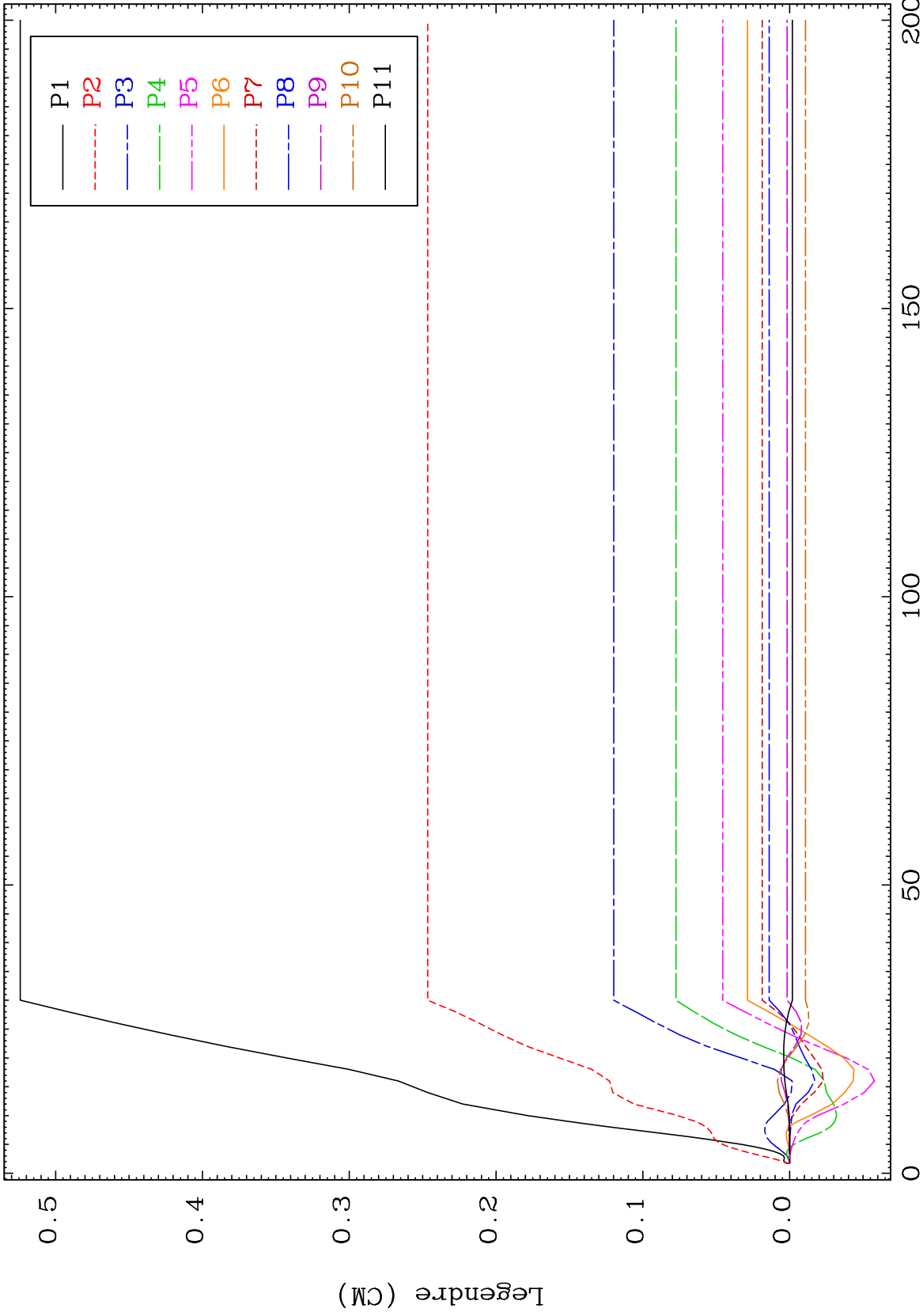
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



45

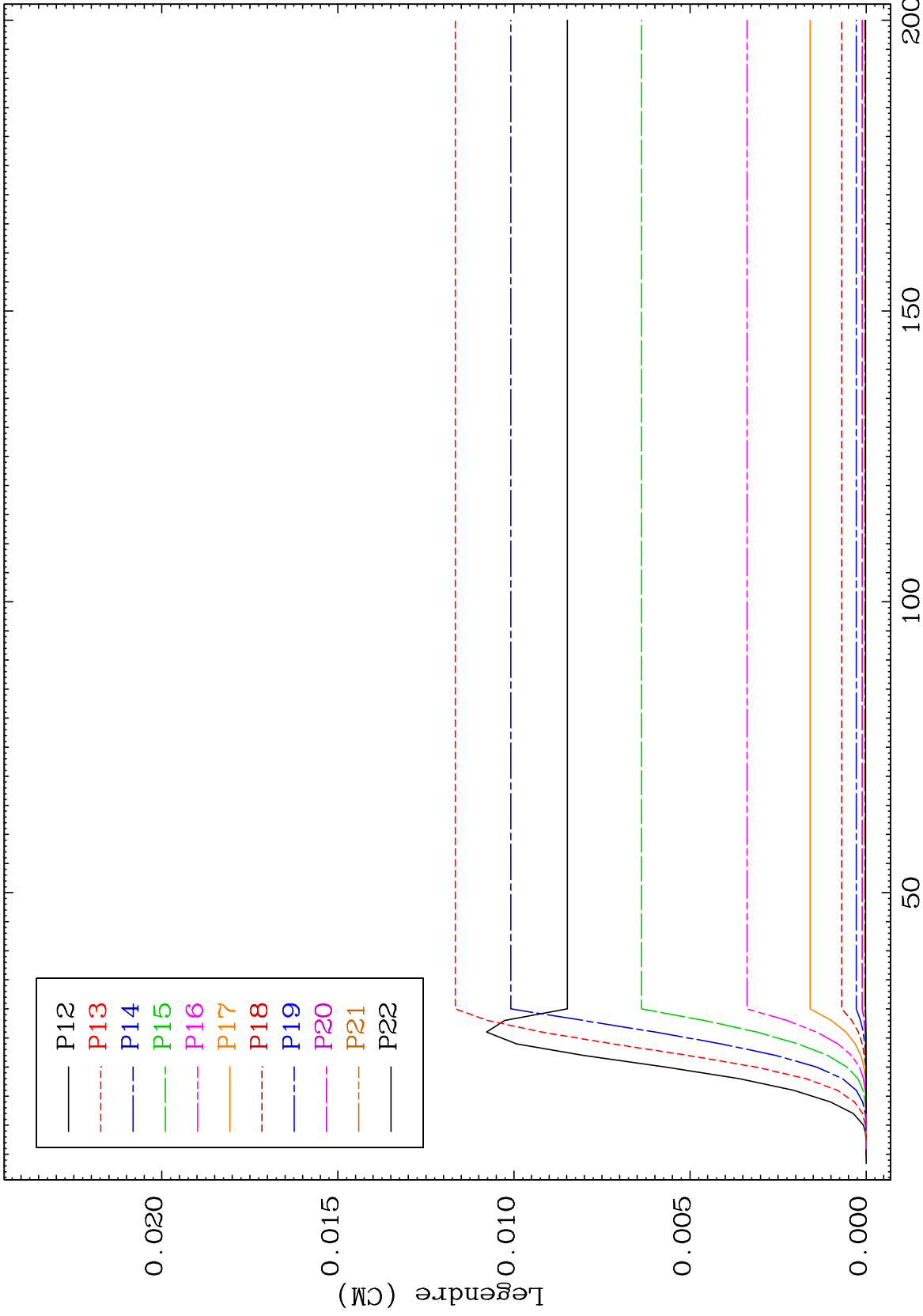
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



46

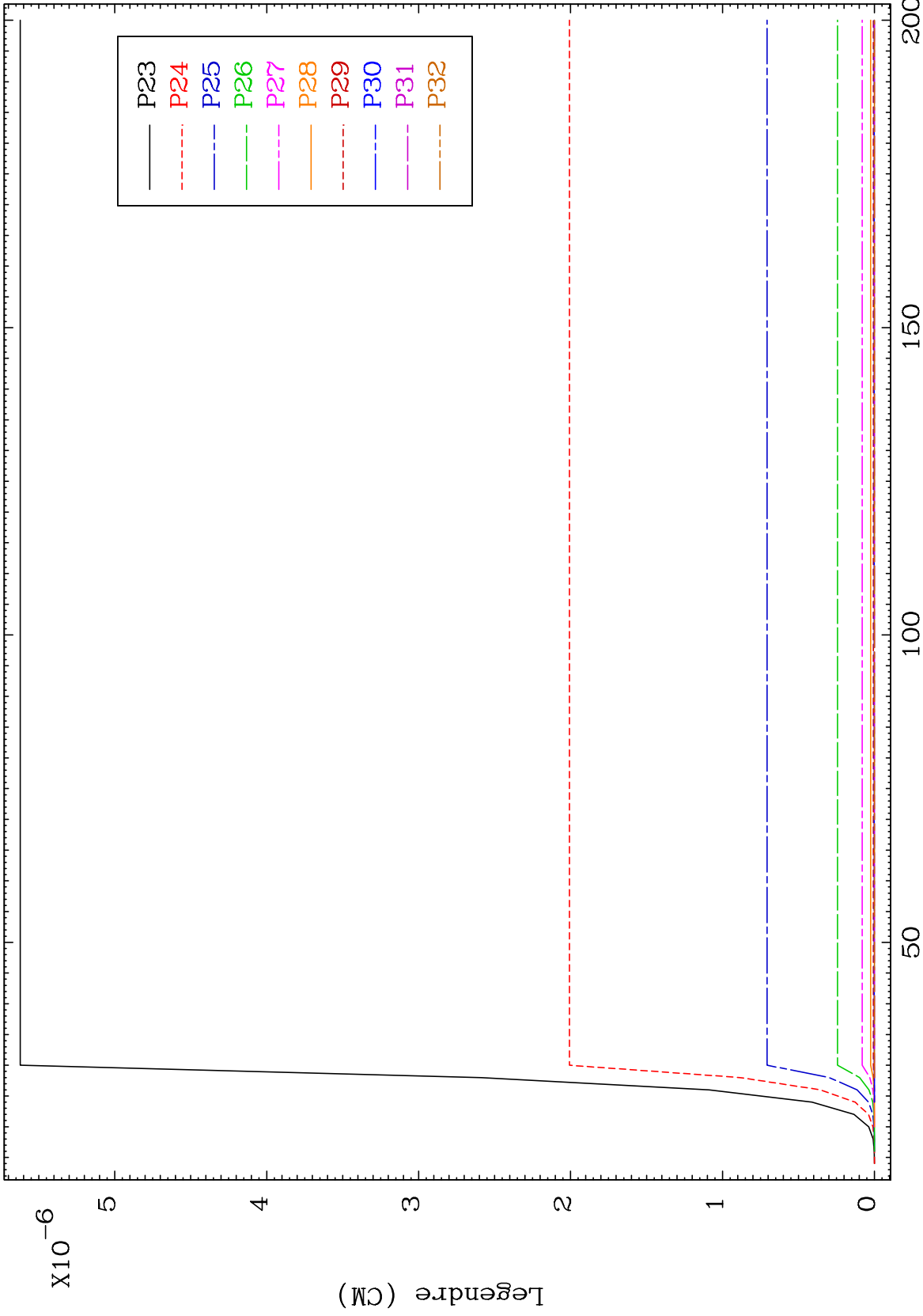
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



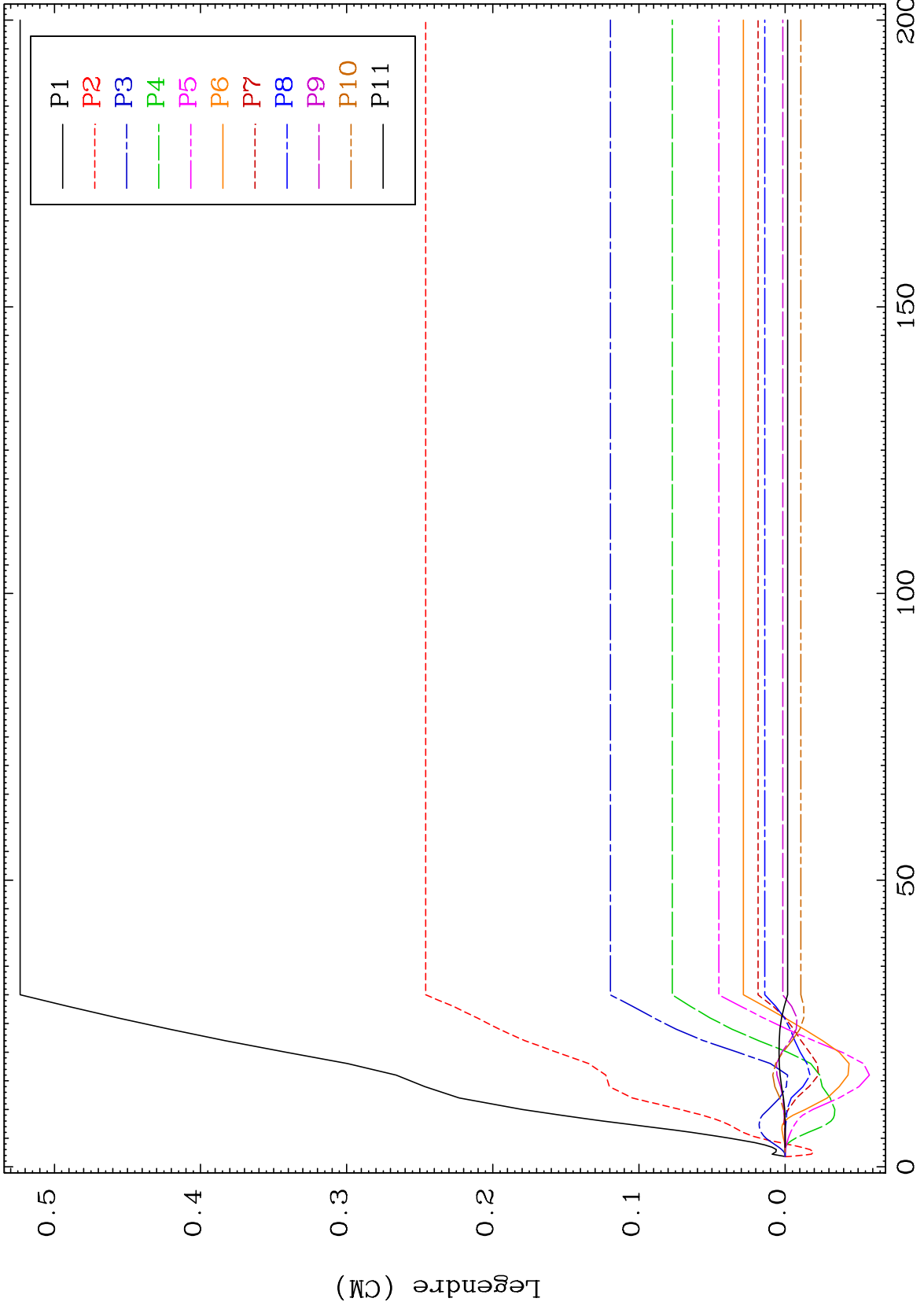
47

Incident Energy (MeV)

21-Sc-47



MAT 2131 MT= 61 (n,n') Level Legendre Coefficients 21-Sc-47

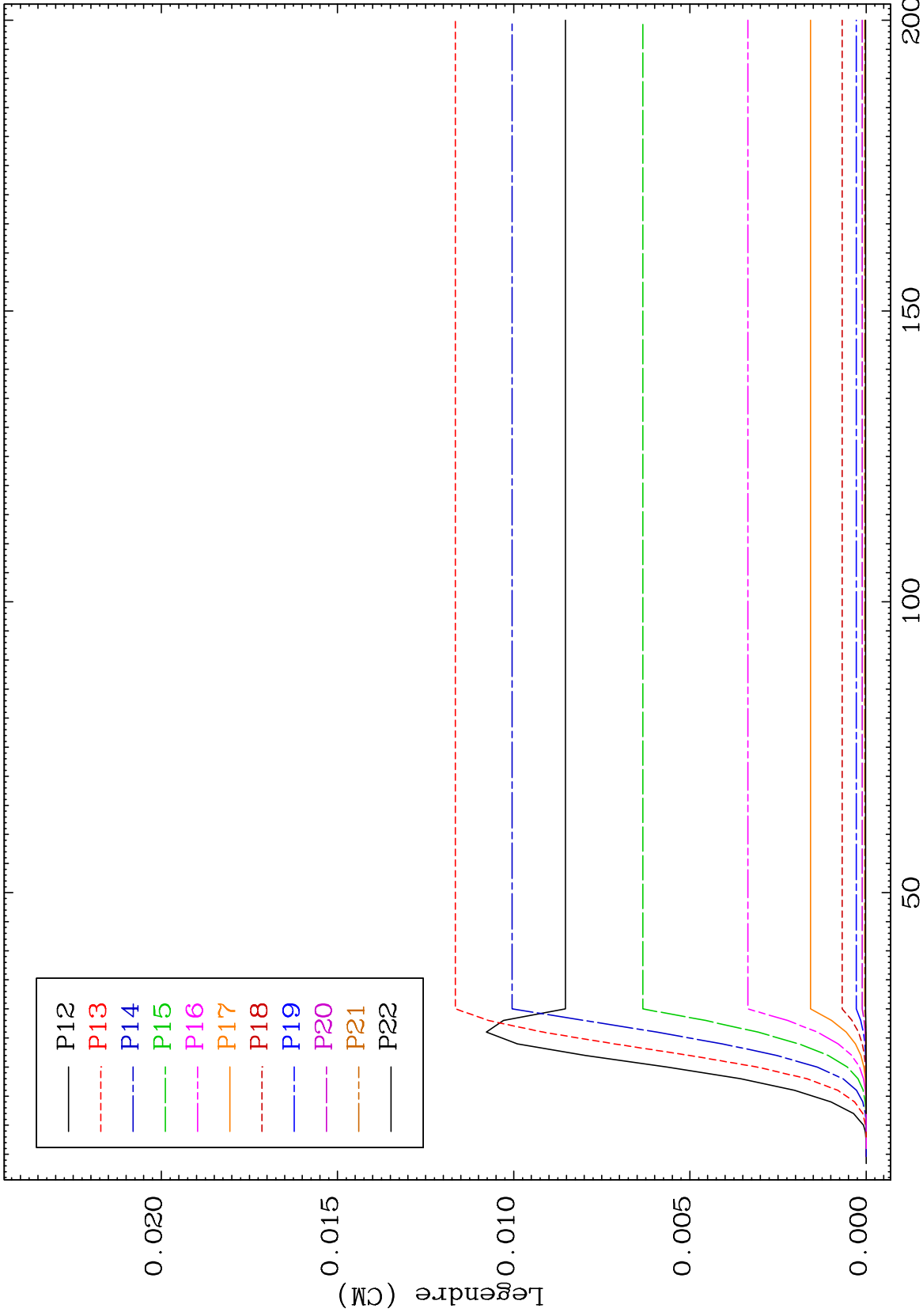


48 Incident Energy (MeV) 21-Sc-47

MAT 2131

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

21-Sc-47



49

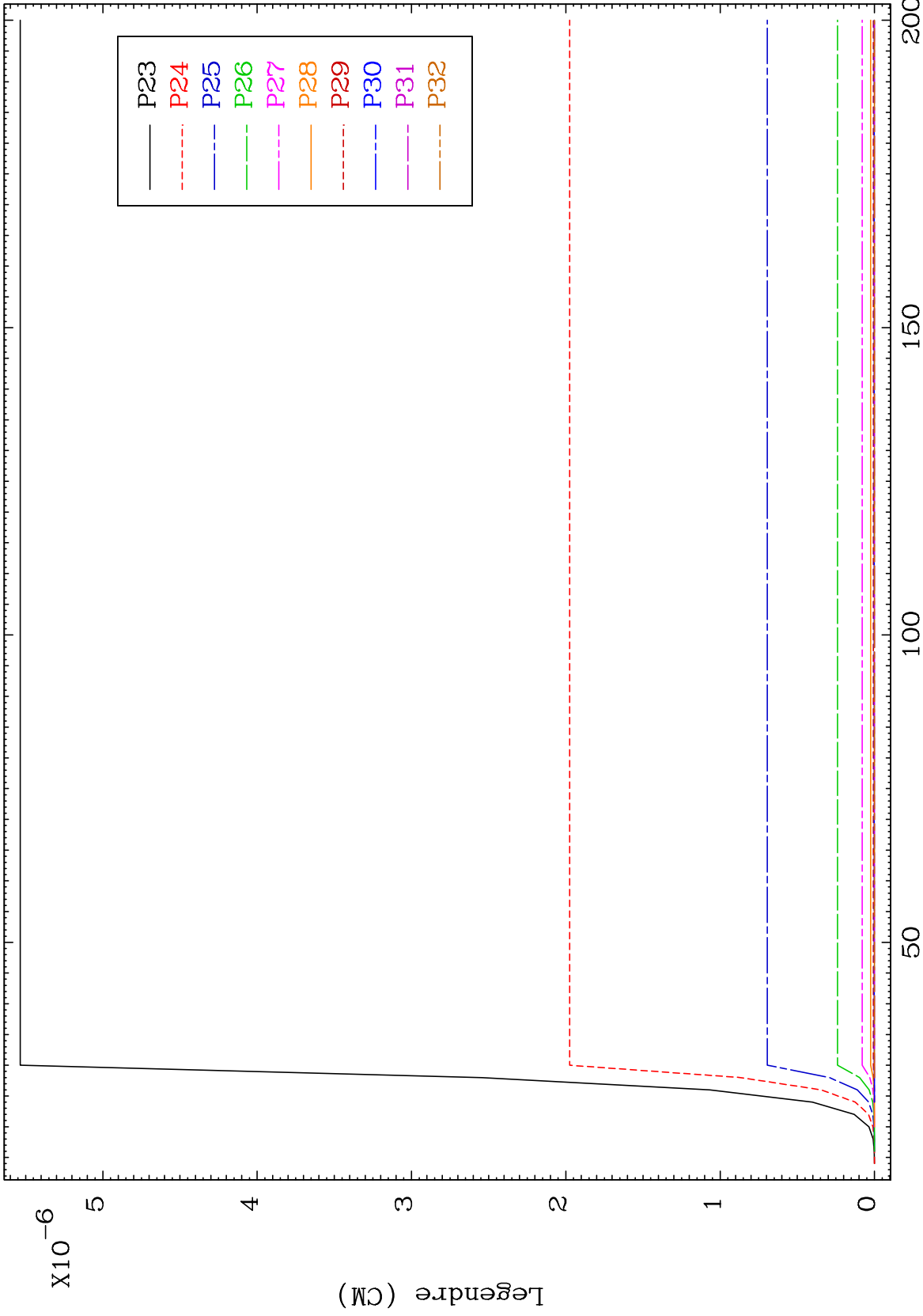
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



50

50

100

150

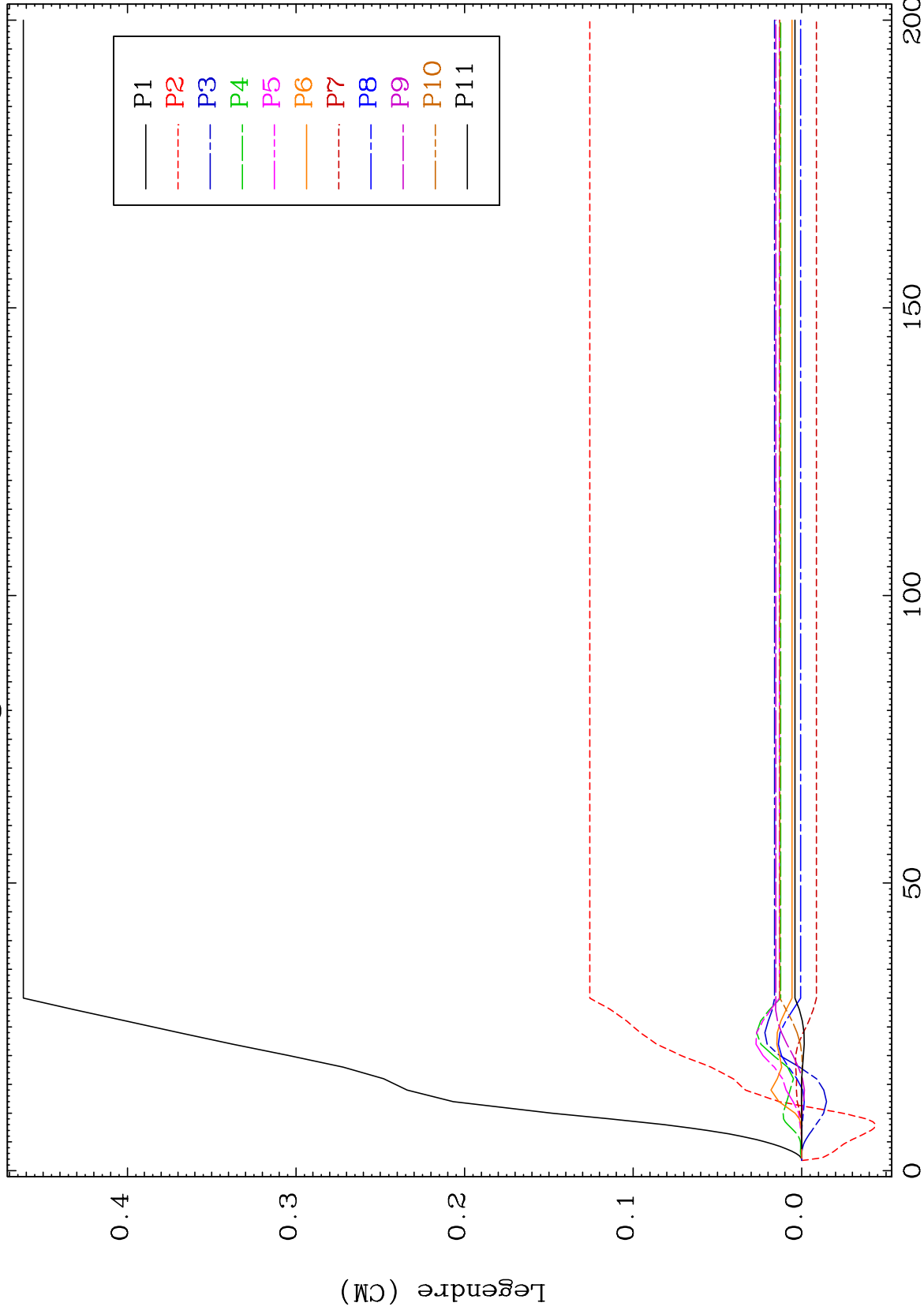
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21-Sc-47

MAT 2131

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

21-Sc-47



51

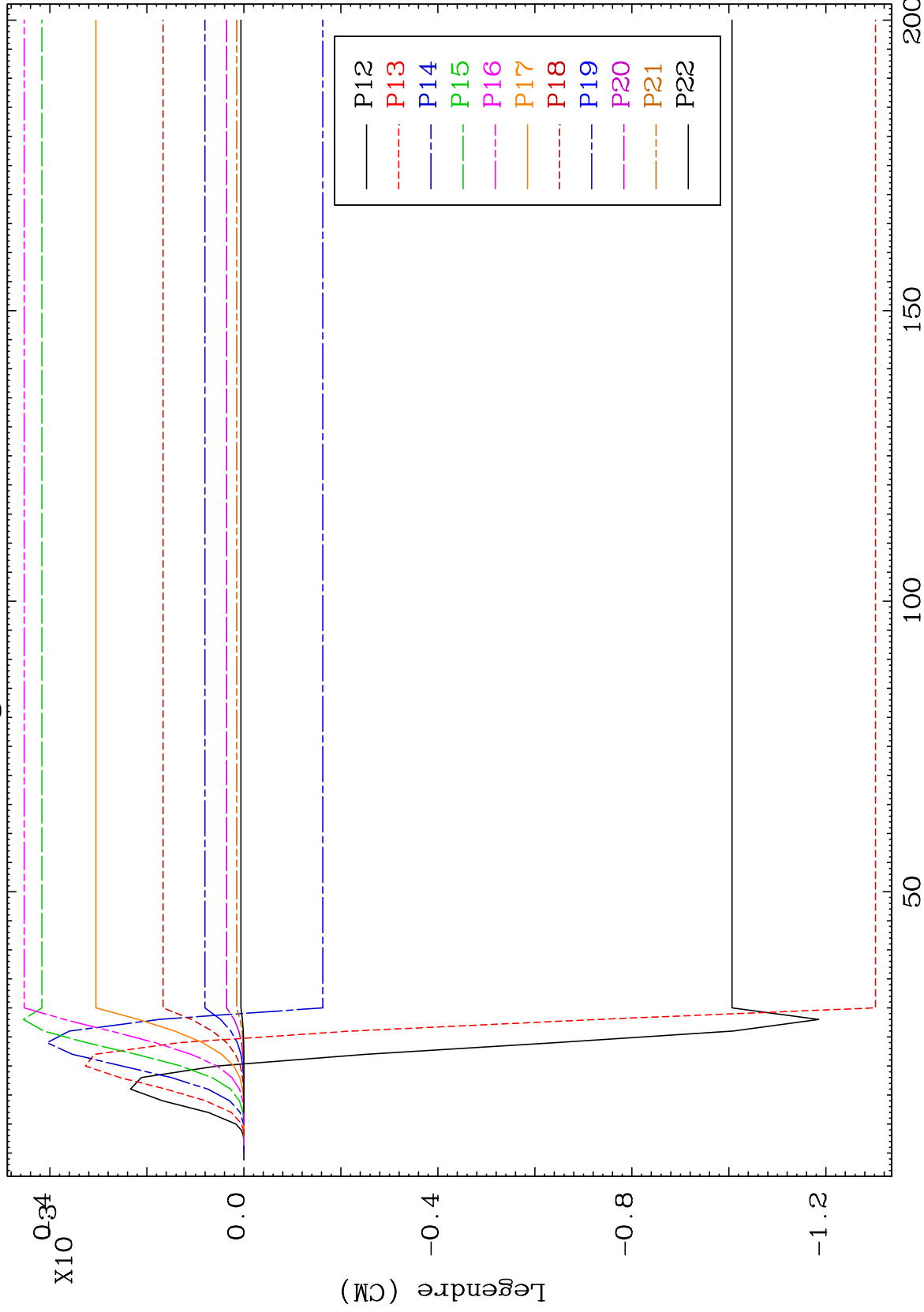
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



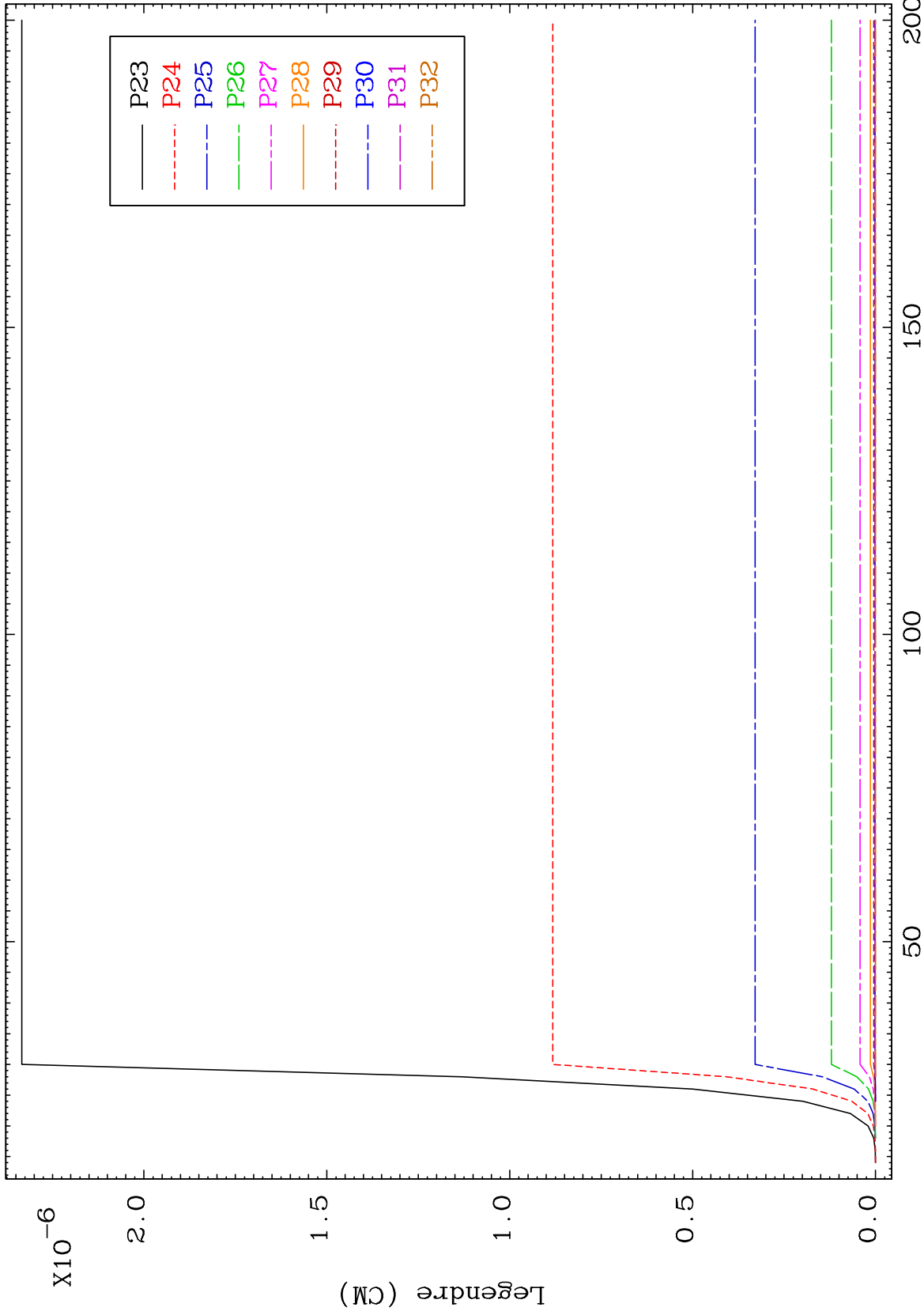
52

21-Sc-47

MAT 2131

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

21-Sc-47



53

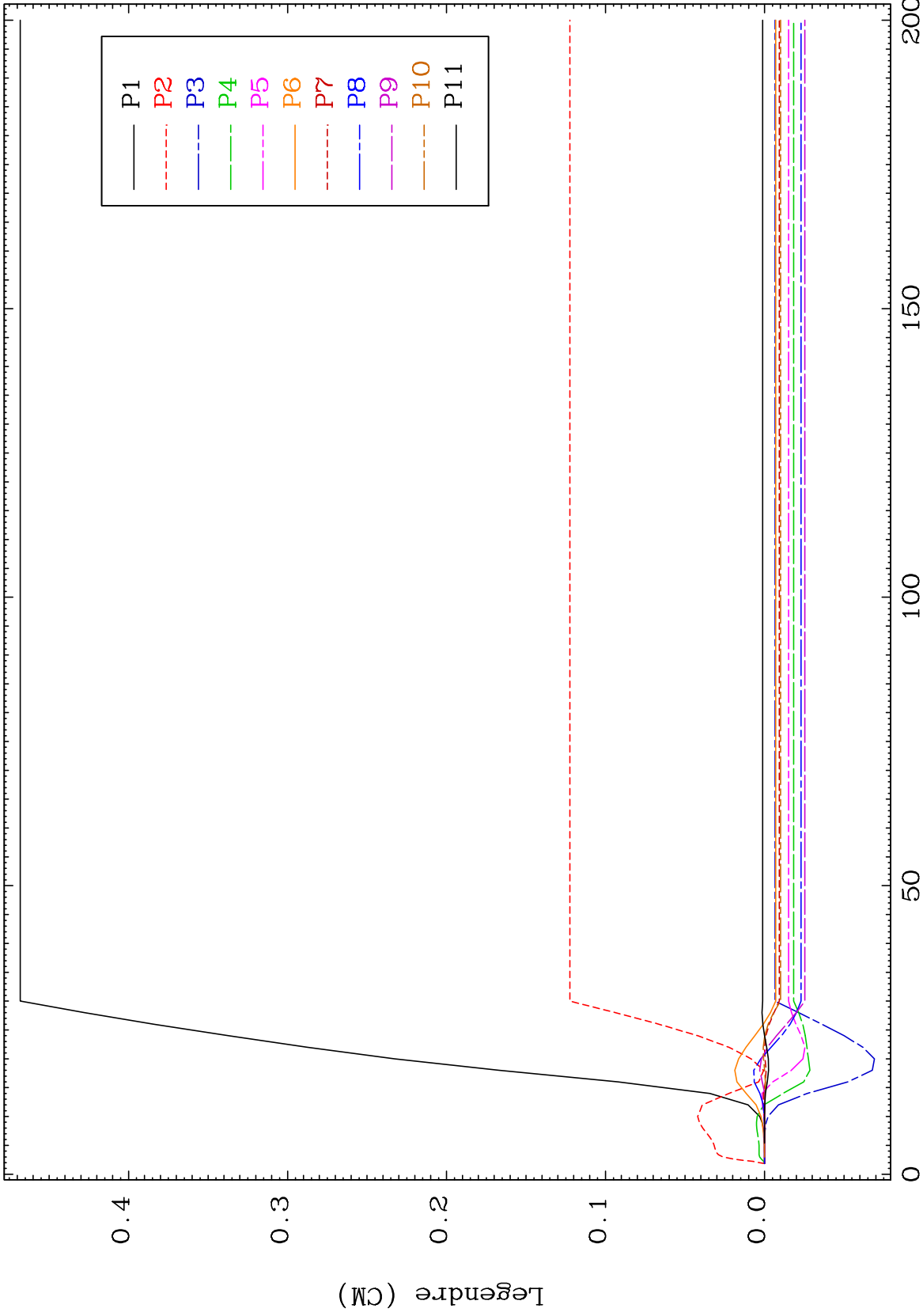
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



54

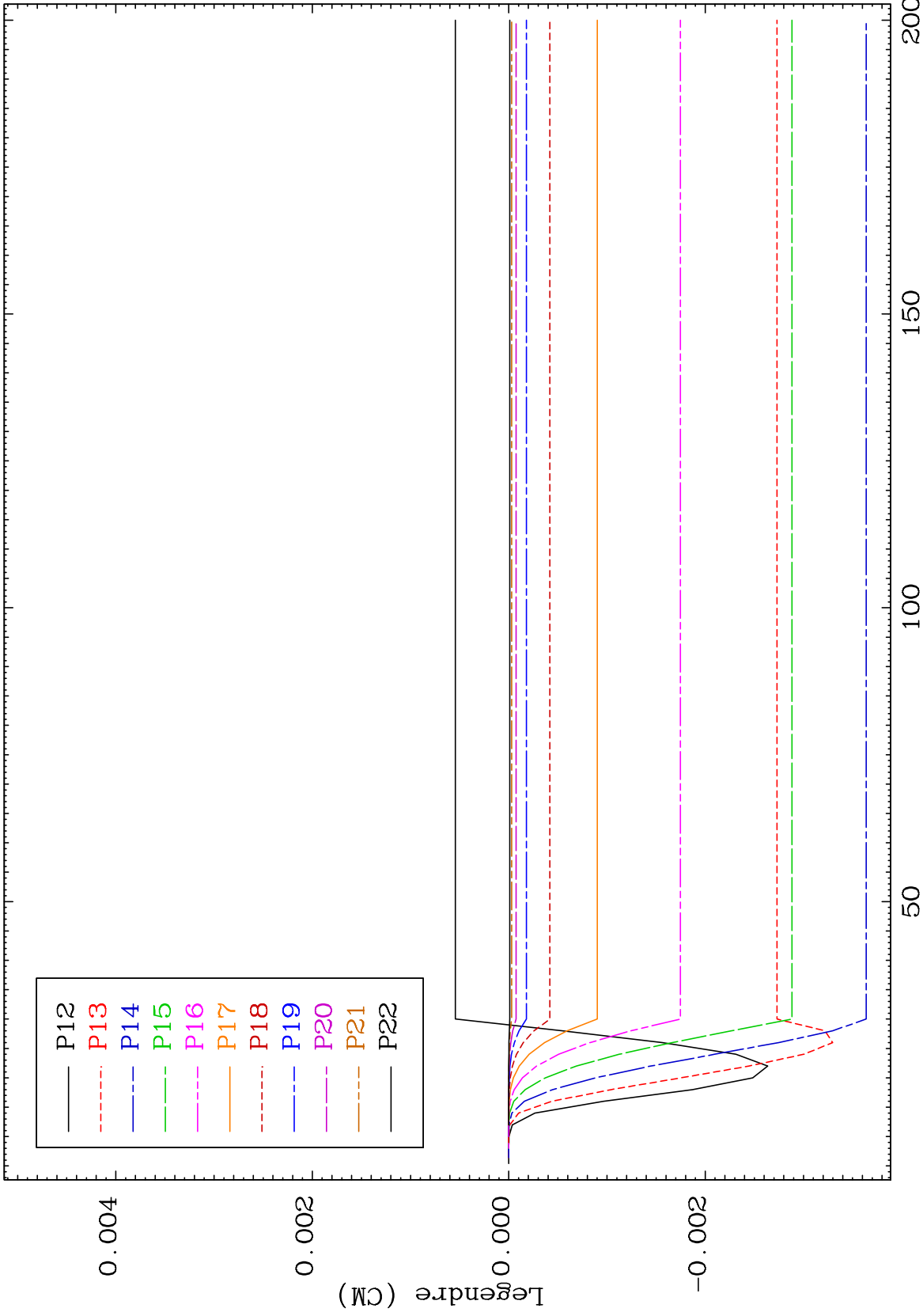
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



55

Incident Energy (MeV)

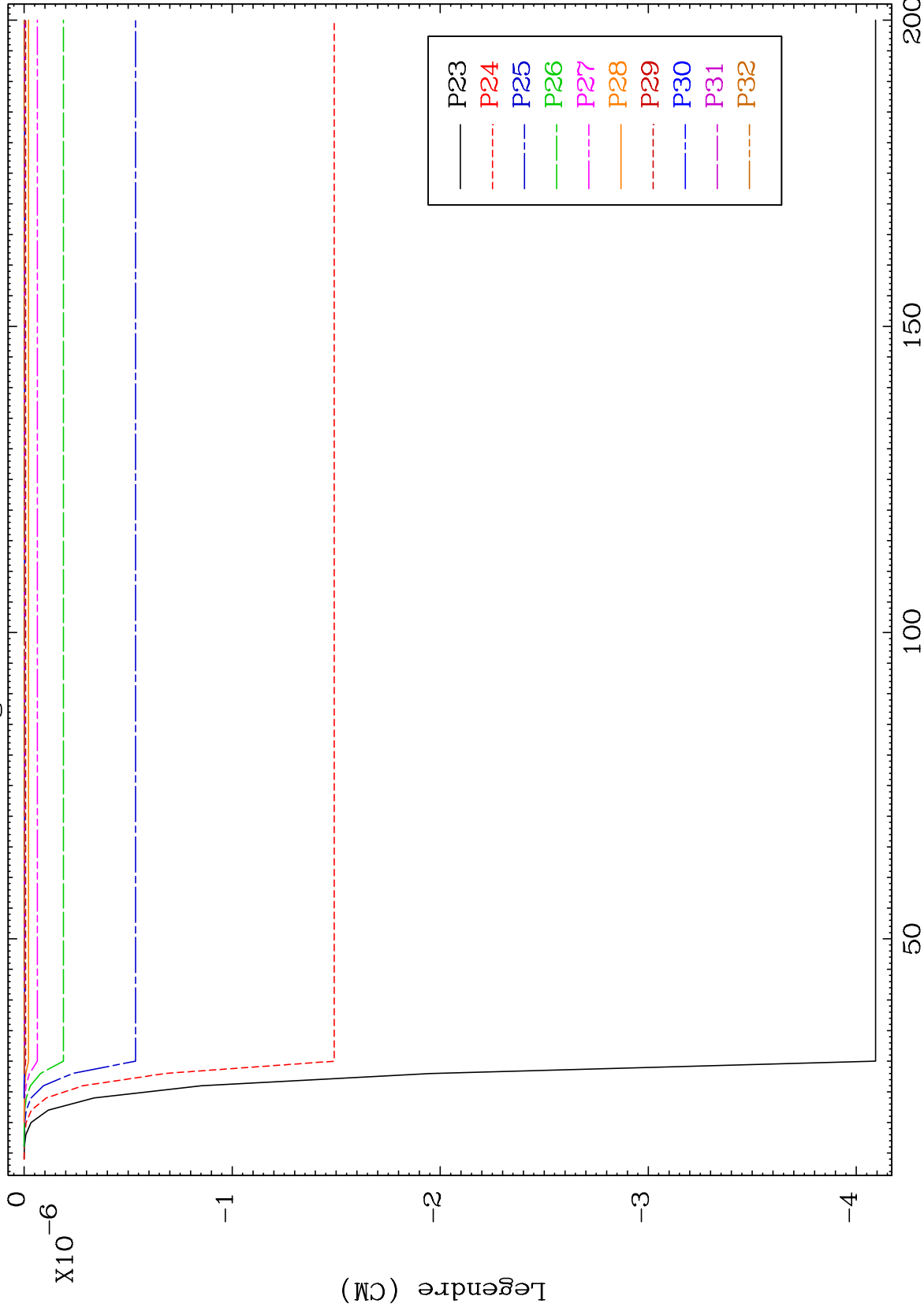
21-Sc-47



MAT 2131

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

21-Sc-47



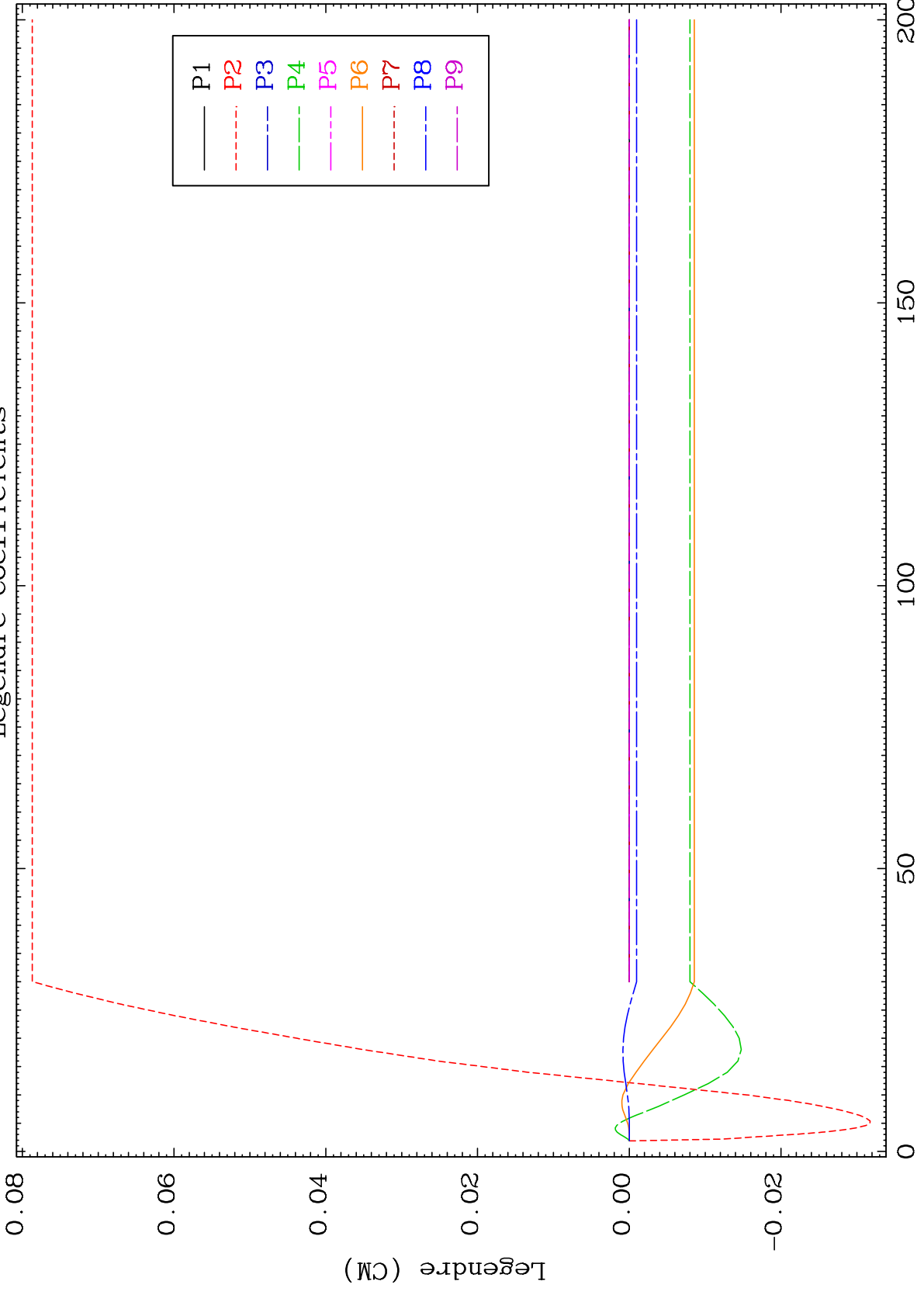
21-Sc-47

Incident Energy (MeV)

56

MAT 2131 MT= 64 (n,n') Level Legendre Coefficients

21-Sc-47



21-Sc-47

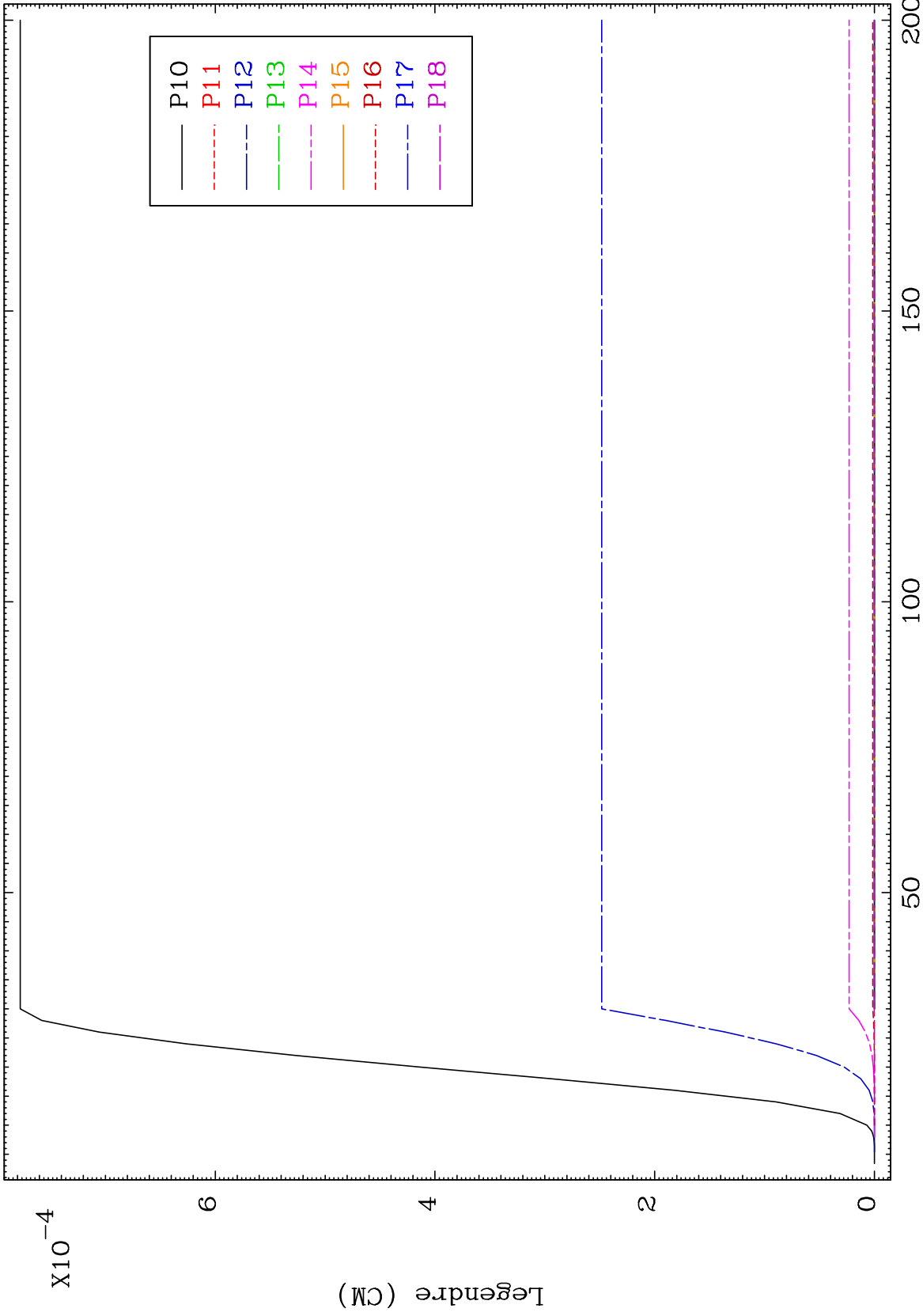
Incident Energy (MeV)

57

MAT 2131

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

21-Sc-47

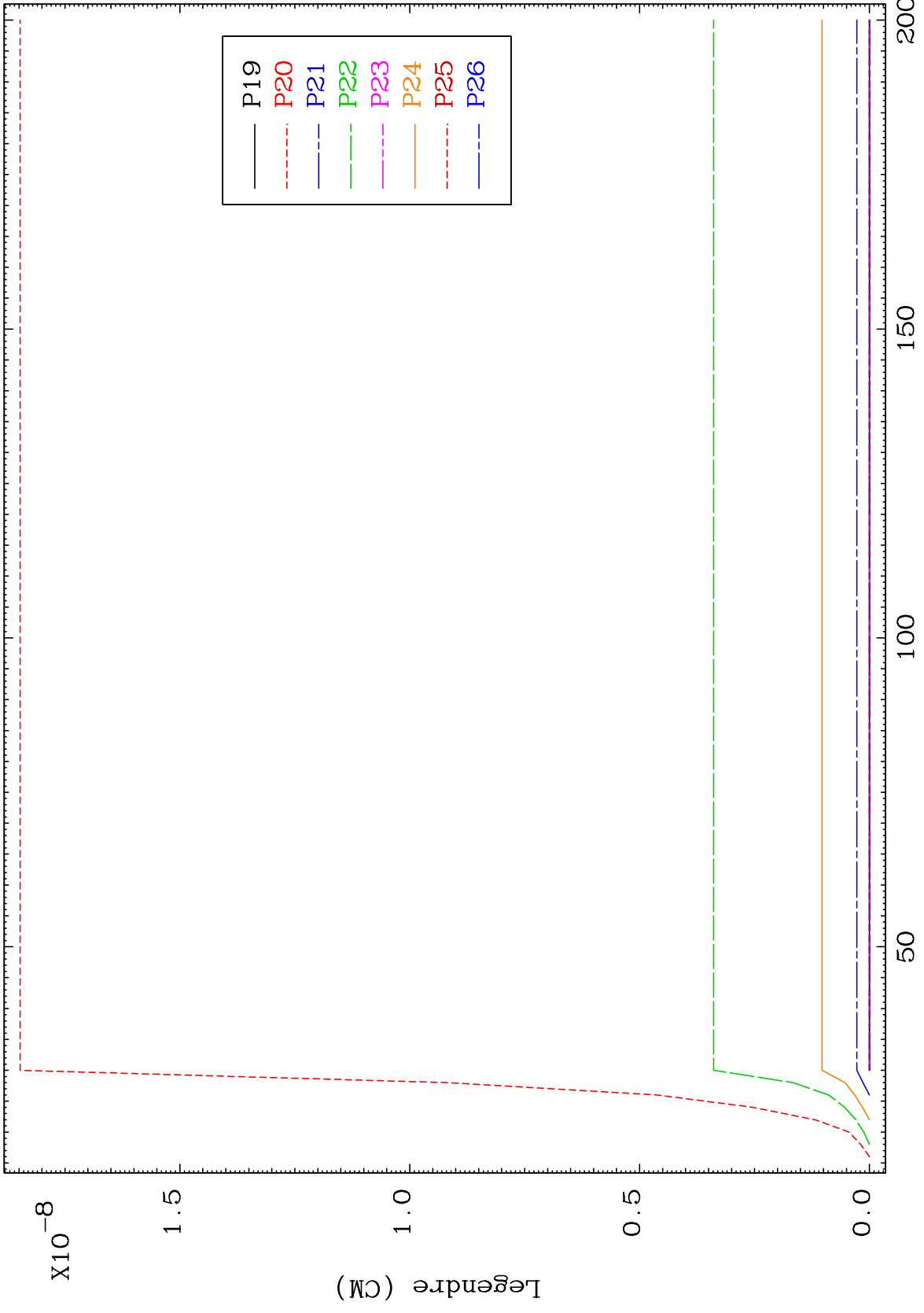


58

Incident Energy (MeV)

21-Sc-47

MAT 2131 MT= 64 (n,n') Level Legendre Coefficients 21-Sc-47

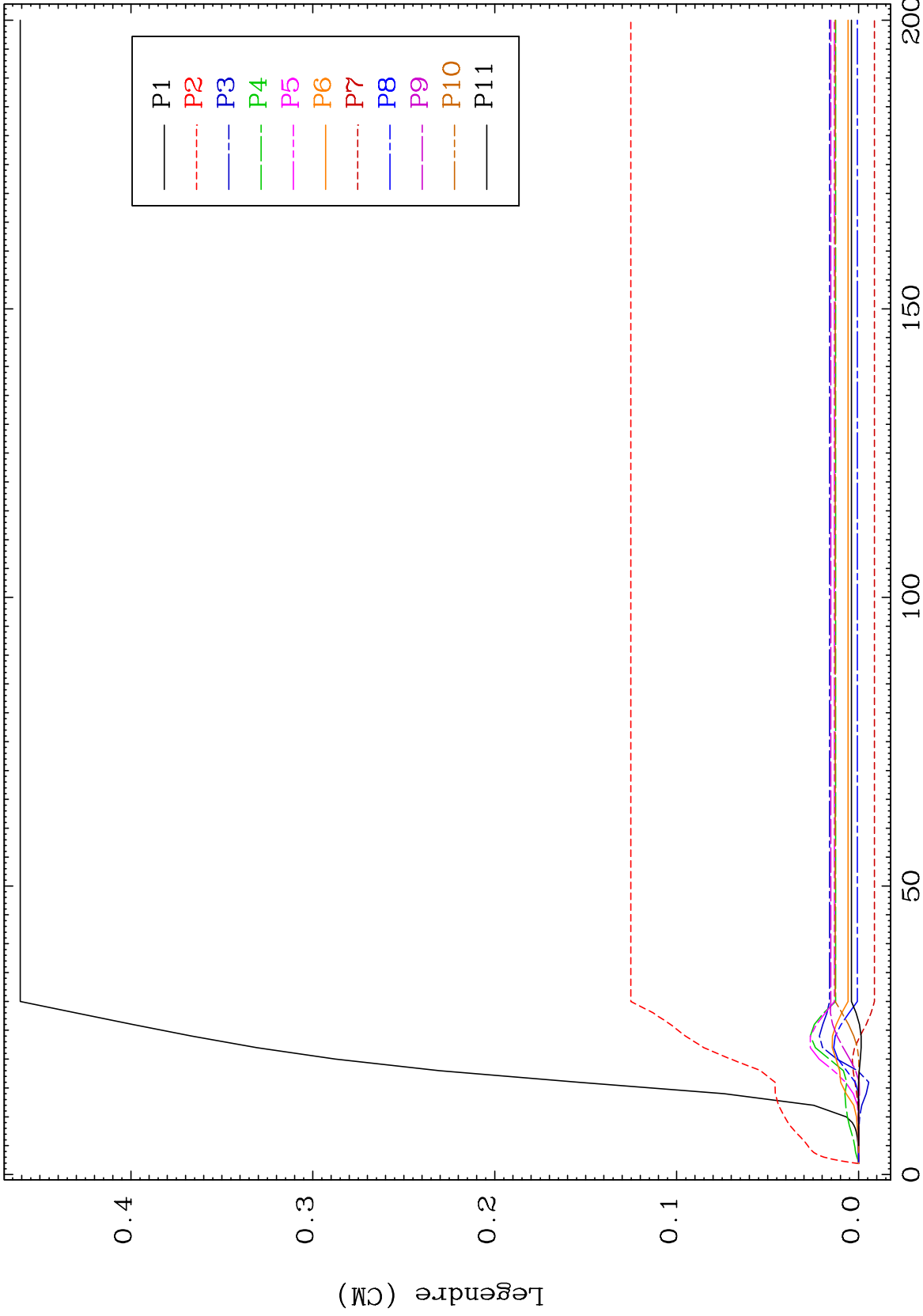


59 Incident Energy (MeV) 21-Sc-47

MAT 2131

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

21-Sc-47



60

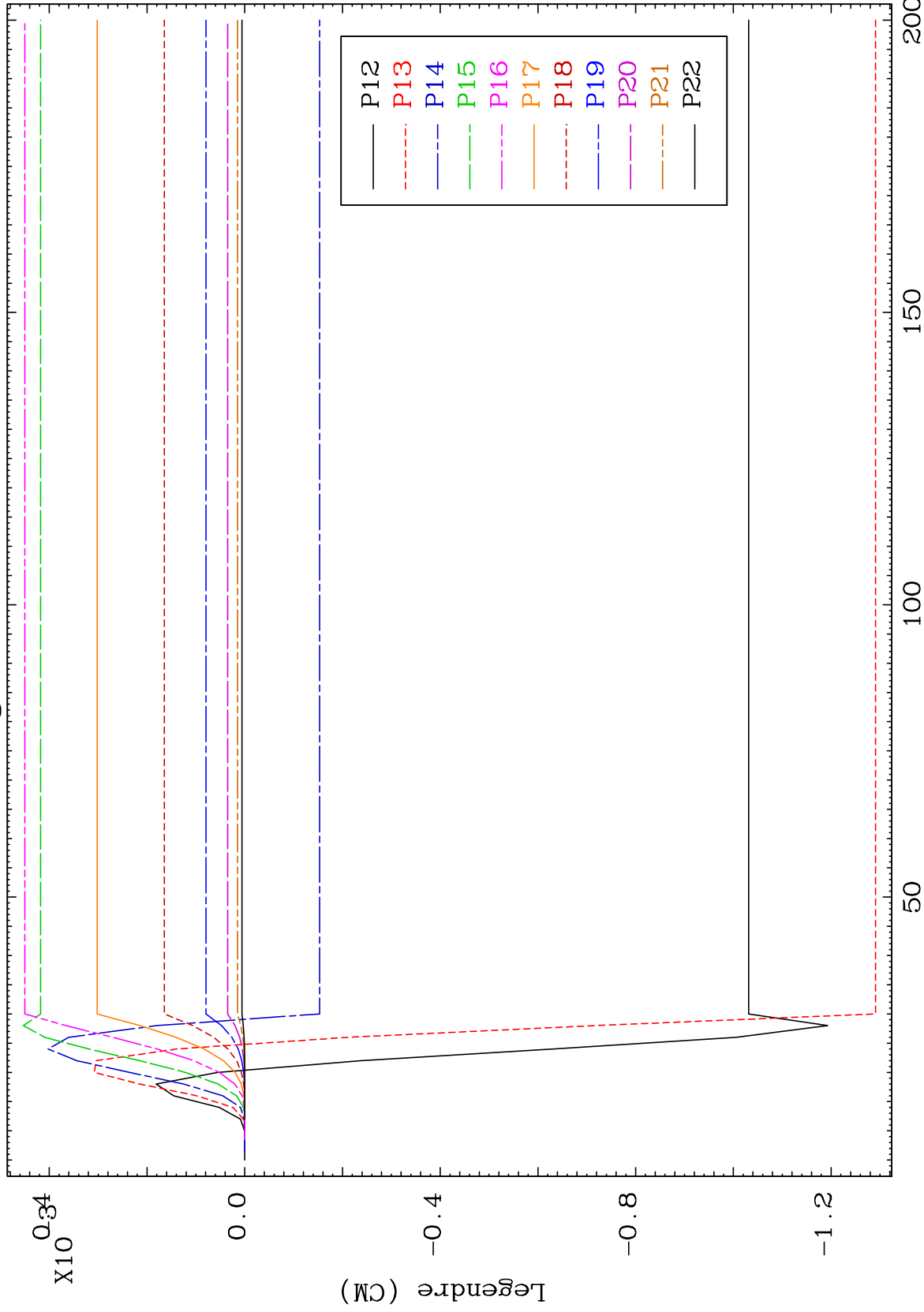
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



61

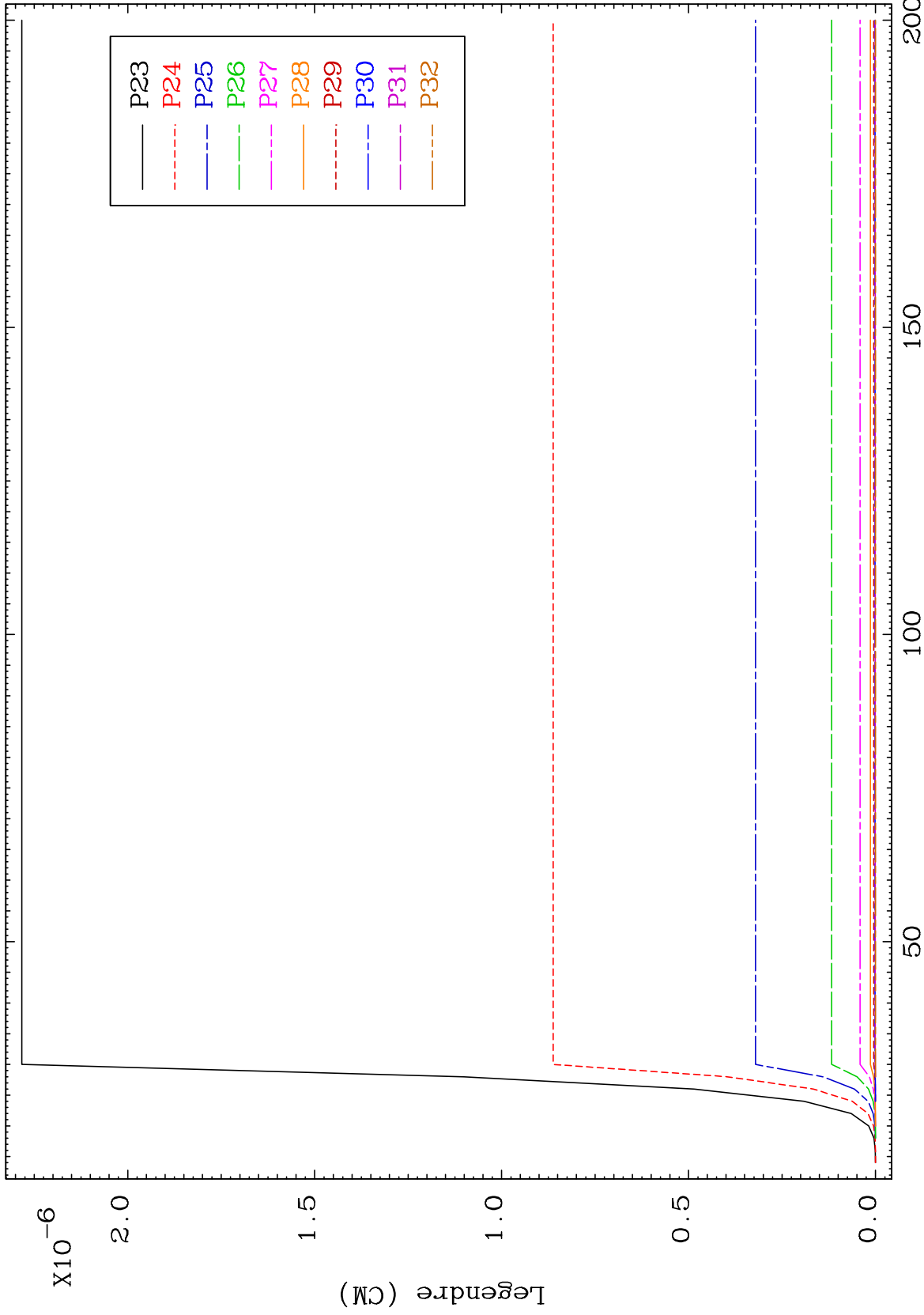
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



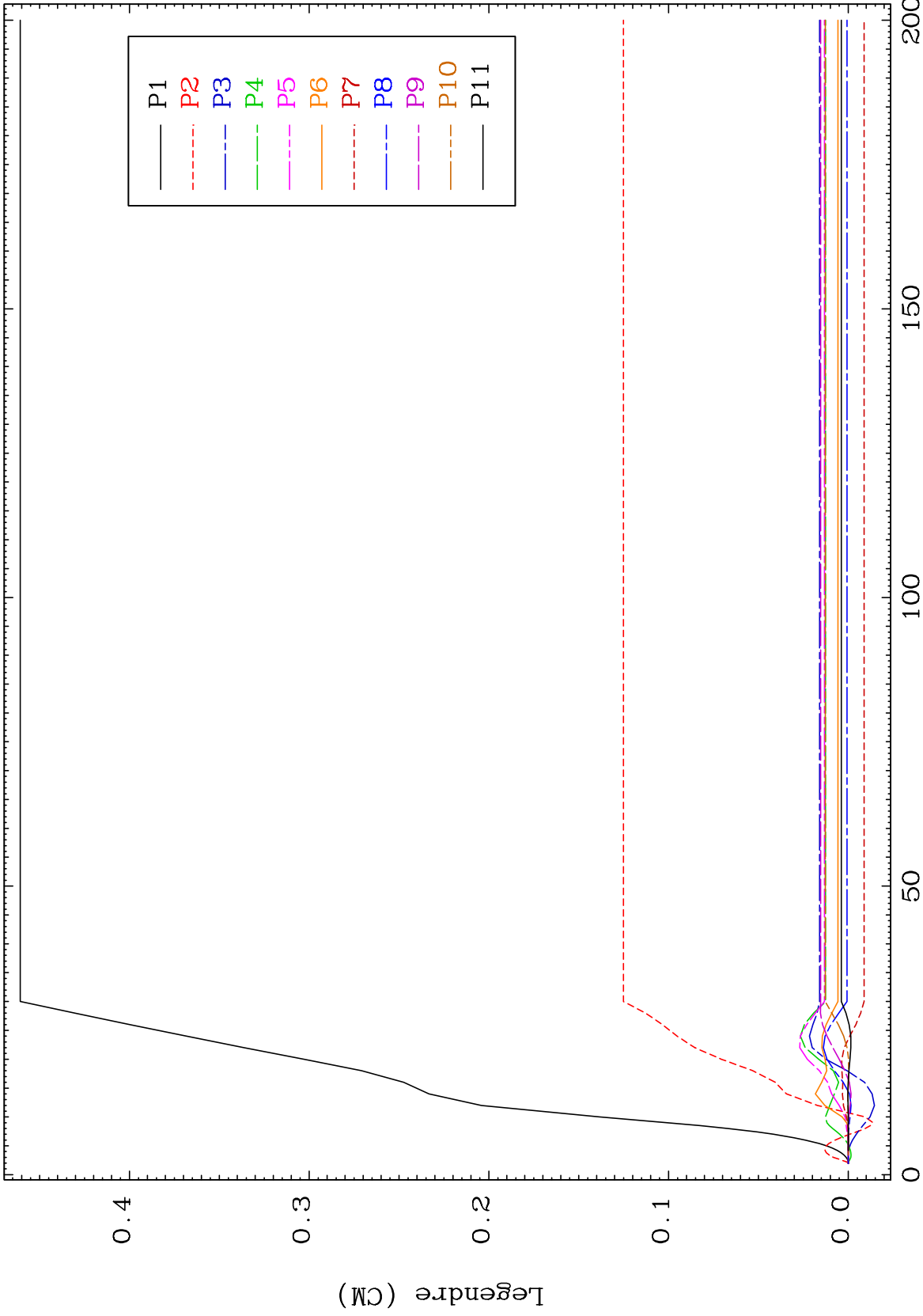
62

21-Sc-47

MAT 2131

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

21-Sc-47



63

Incident Energy (MeV)

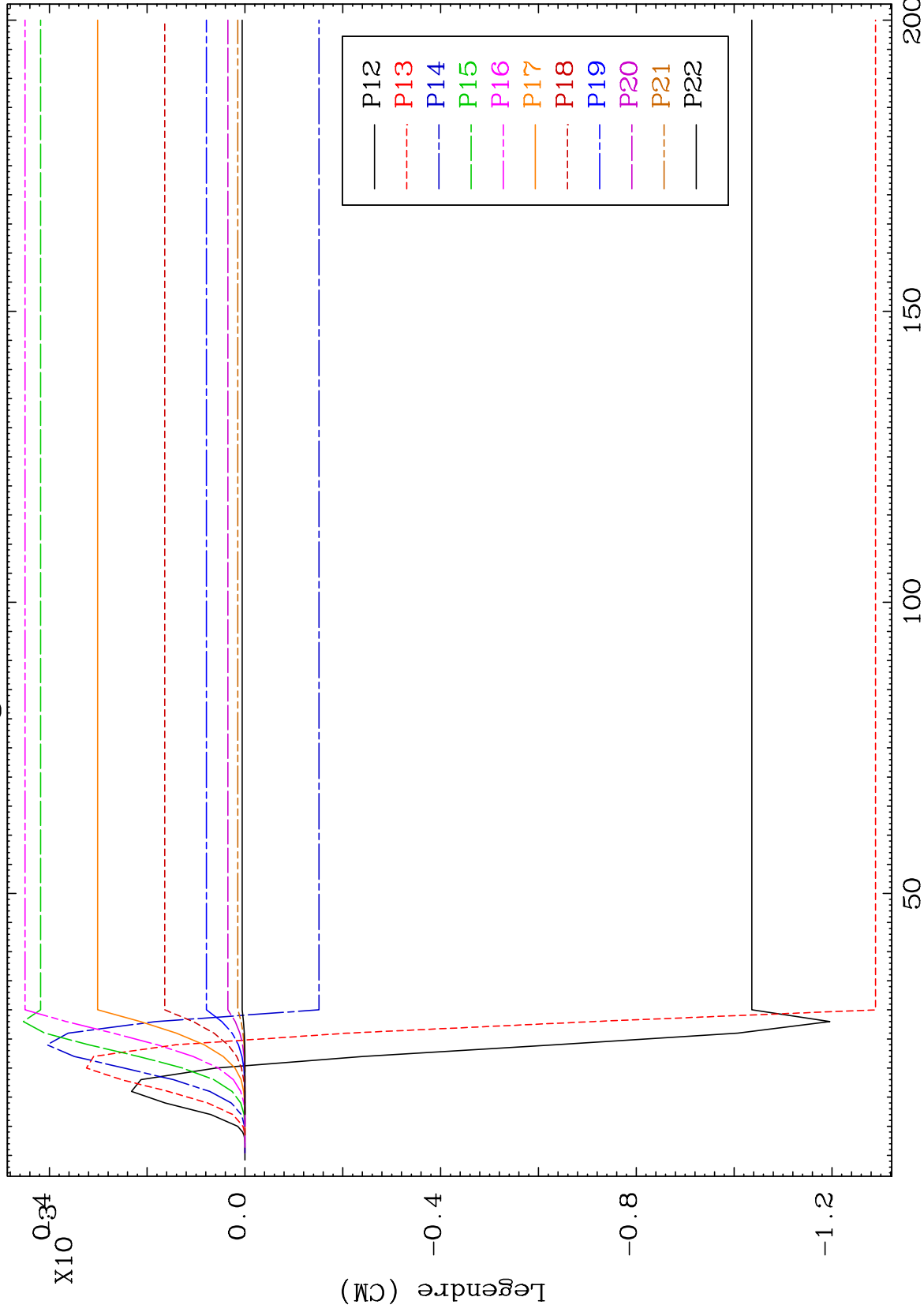
21-Sc-47



MAT 2131

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

21-Sc-47



64

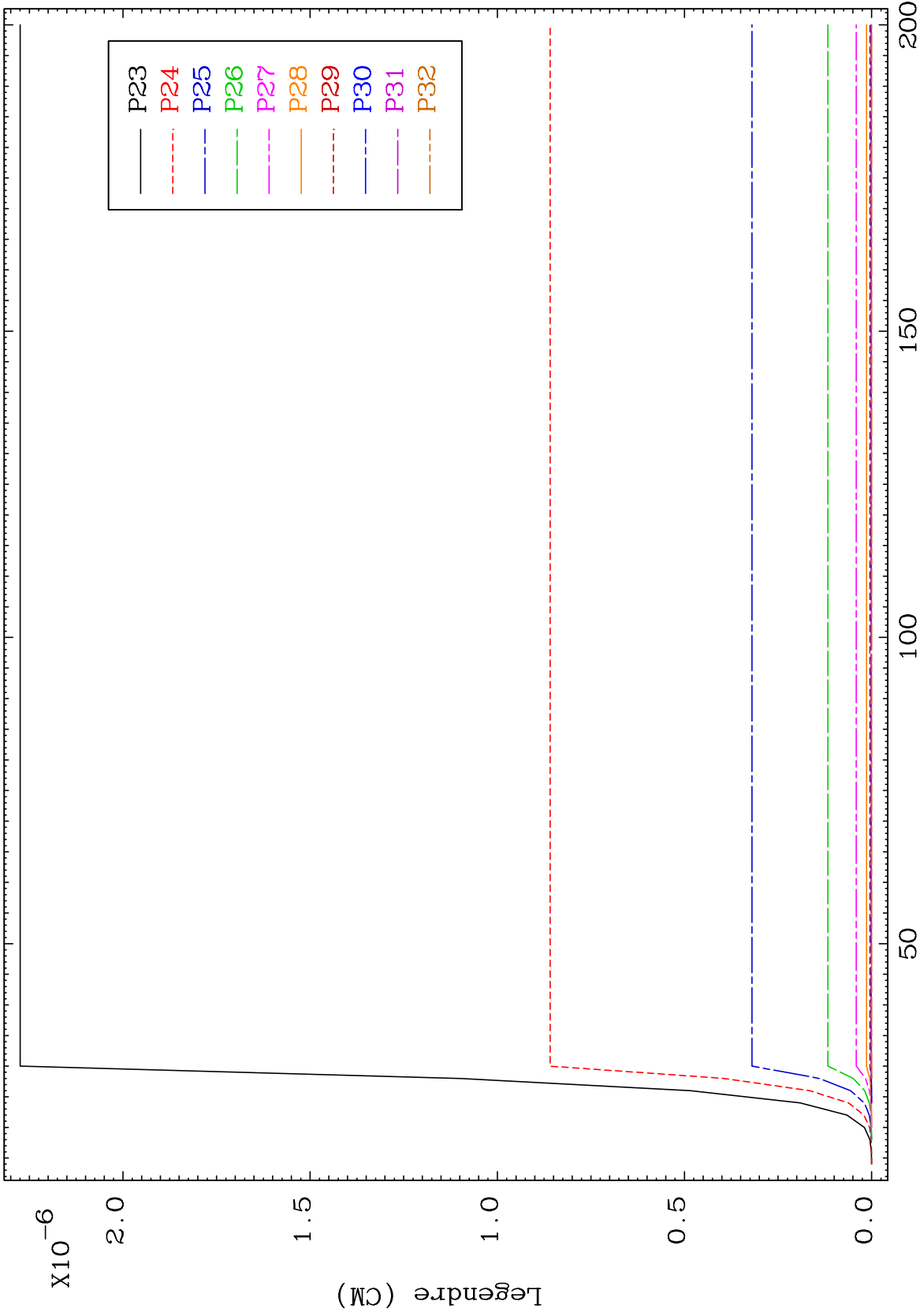
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



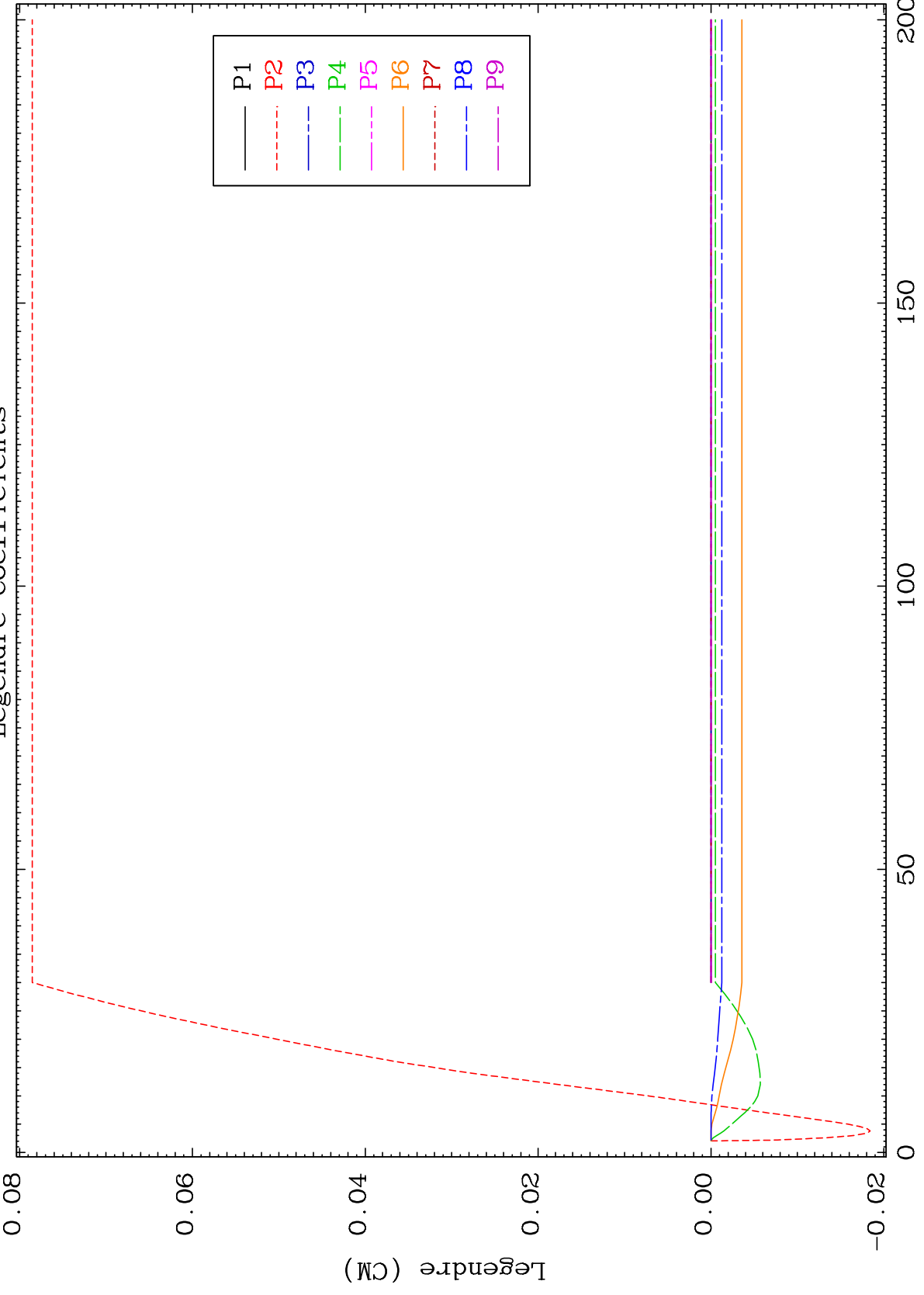
65

Incident Energy (MeV)

21-Sc-47

MAT 2131 MT= 67 (n,n') Level Legendre Coefficients

21-Sc-47

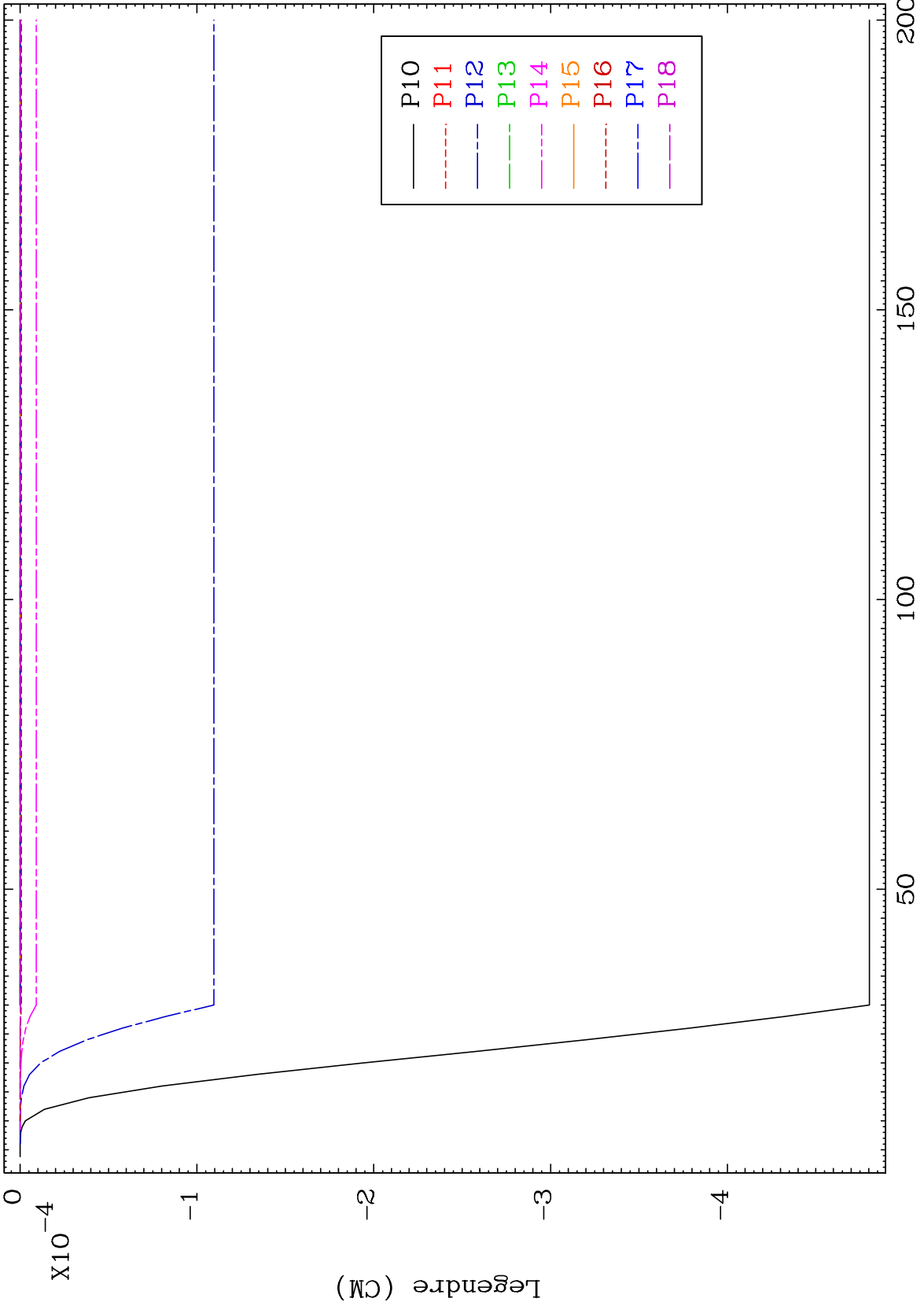


21-Sc-47

Incident Energy (MeV)

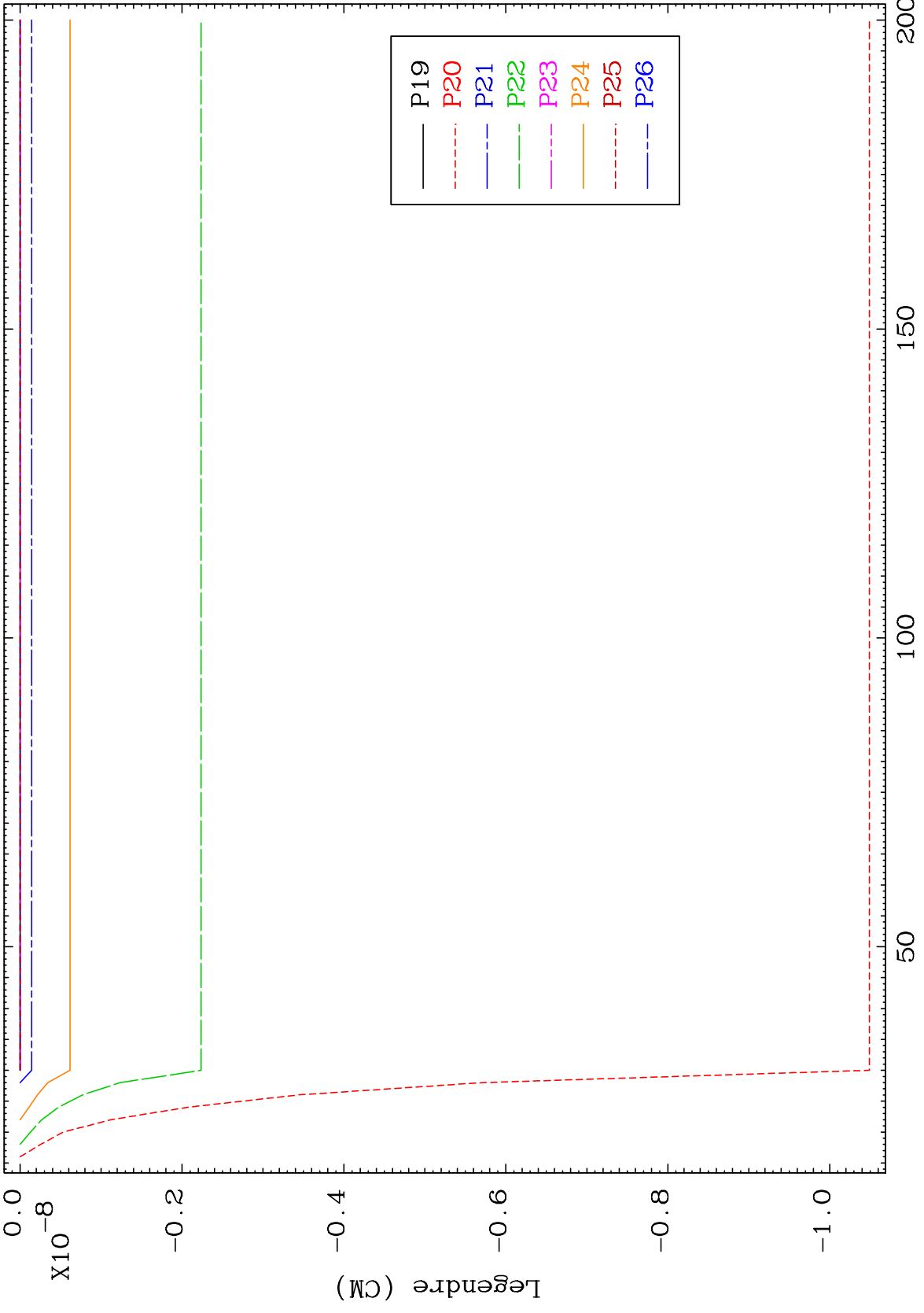
66

MAT 2131 MT= 67 (n,n') Level Legendre Coefficients 21-Sc-47



67 21-Sc-47

MAT 2131 MT= 67 (n,n') Level Legendre Coefficients 21-Sc-47

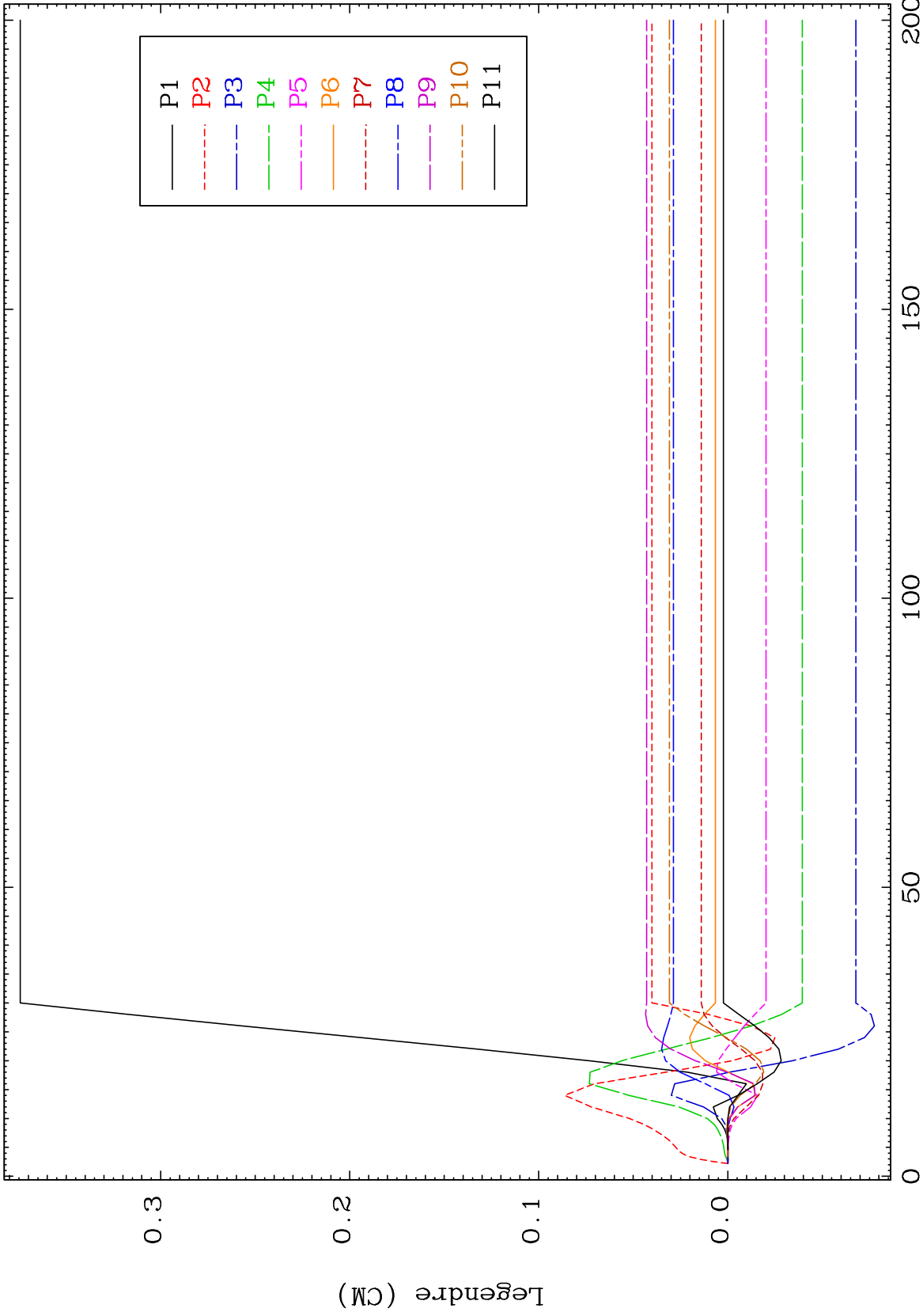


68 21-Sc-47

MAT 2131

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

21-Sc-47

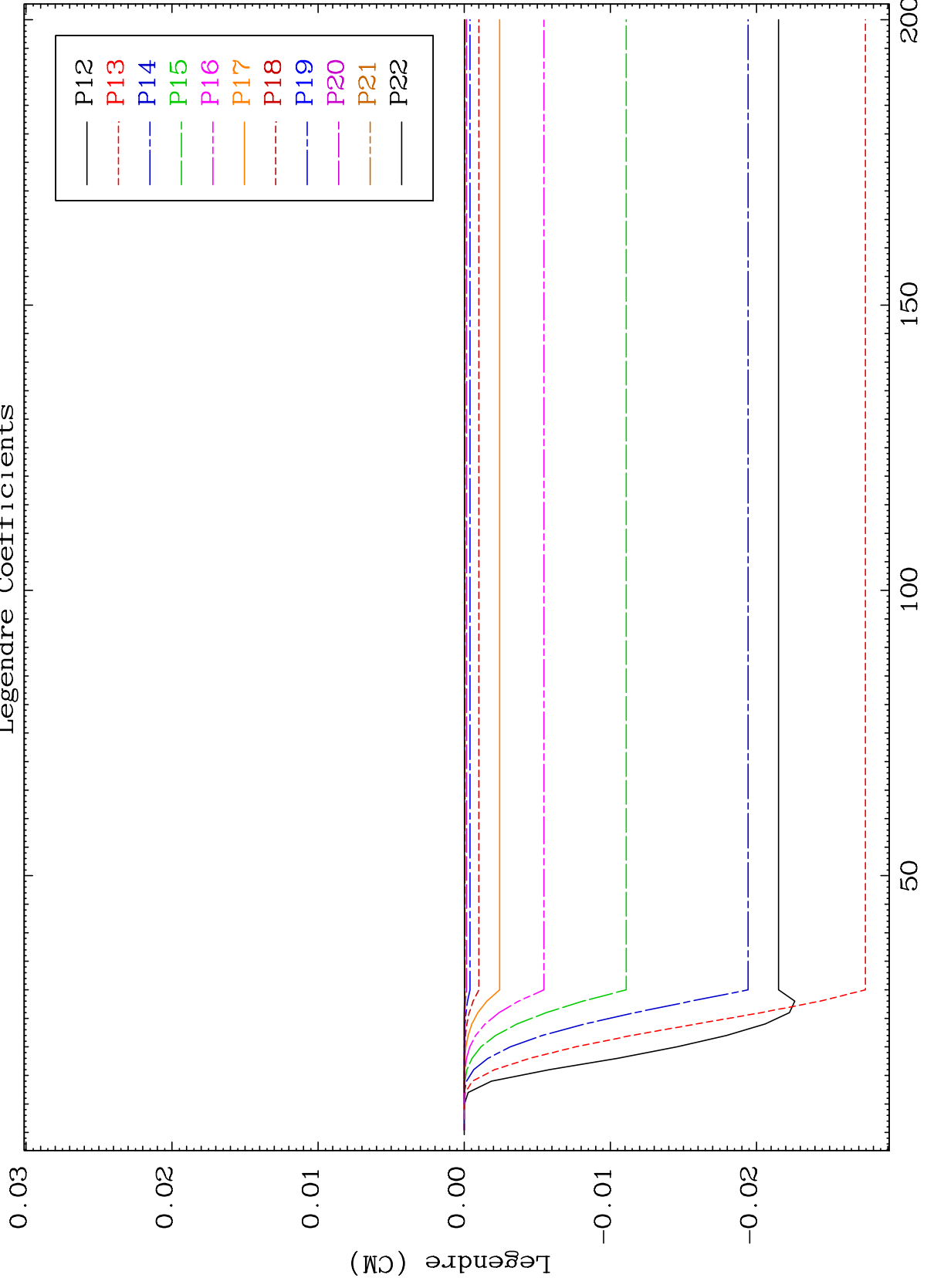


69

Incident Energy (MeV)

21-Sc-47

MAT 2131 MT= 68 (n,n') Level Legendre Coefficients 21-Sc-47

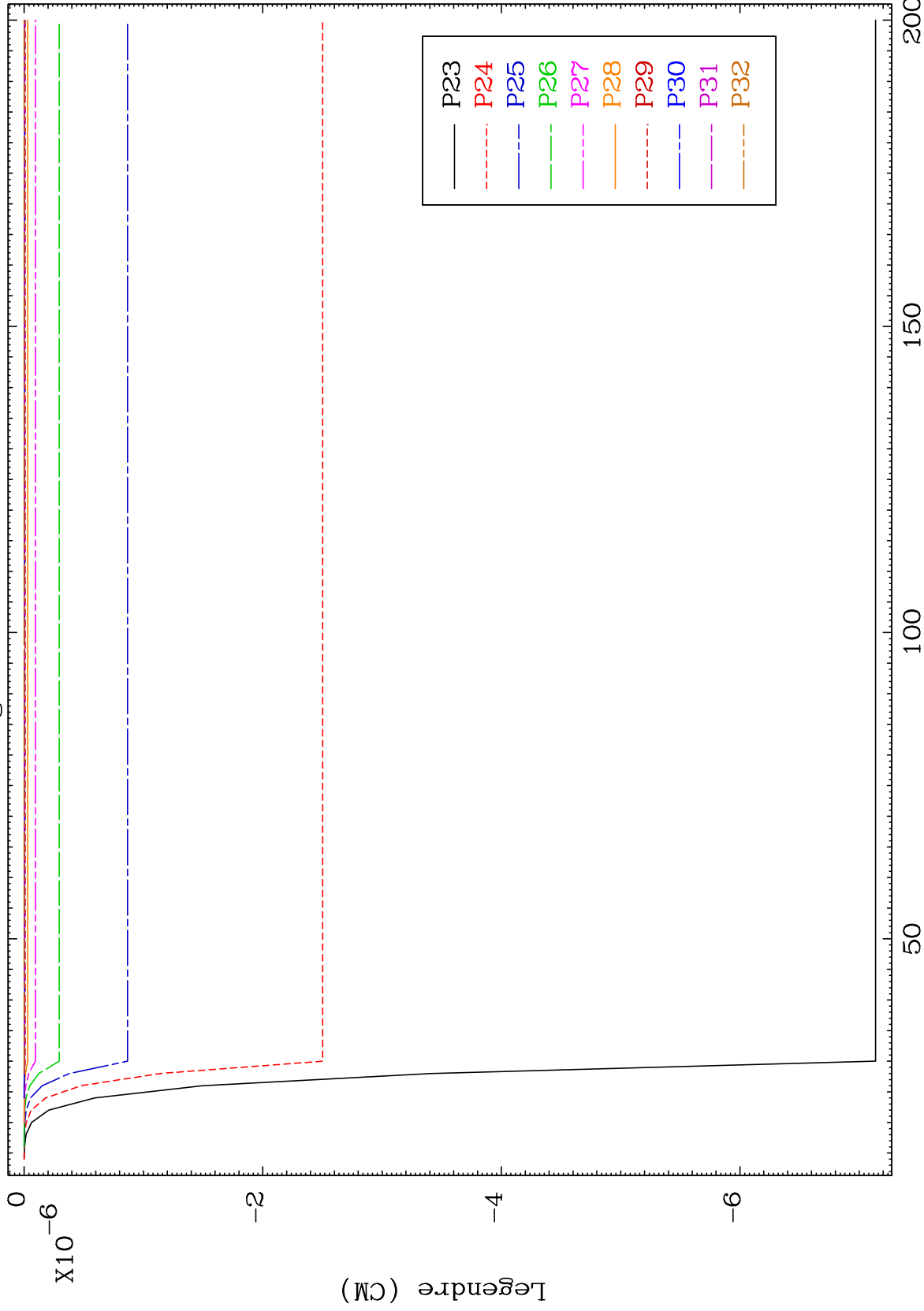


70 Incident Energy (MeV) 21-Sc-47

MAT 2131

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

21-Sc-47



71

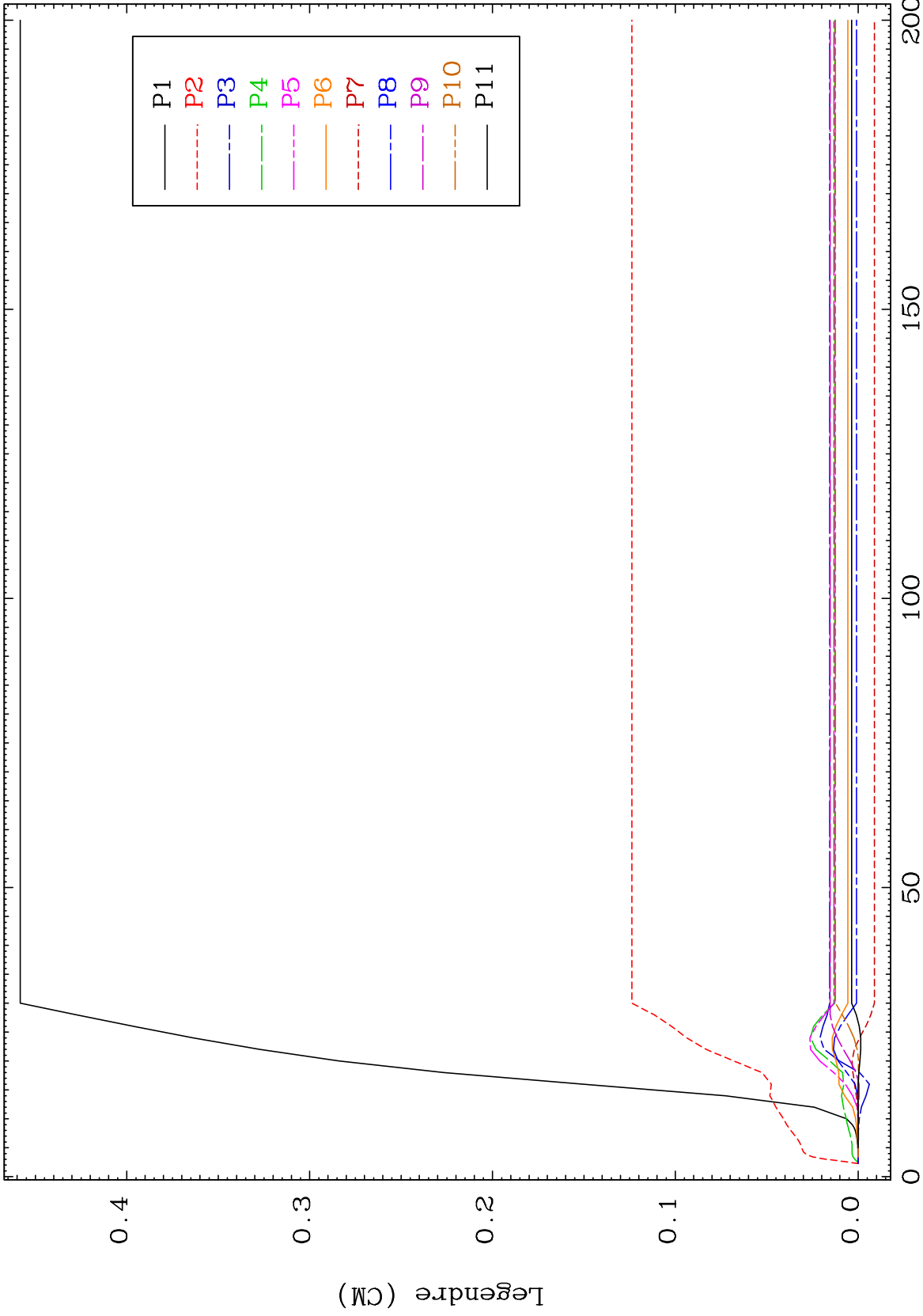
21-Sc-47



MAT 2131

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

21-Sc-47



72

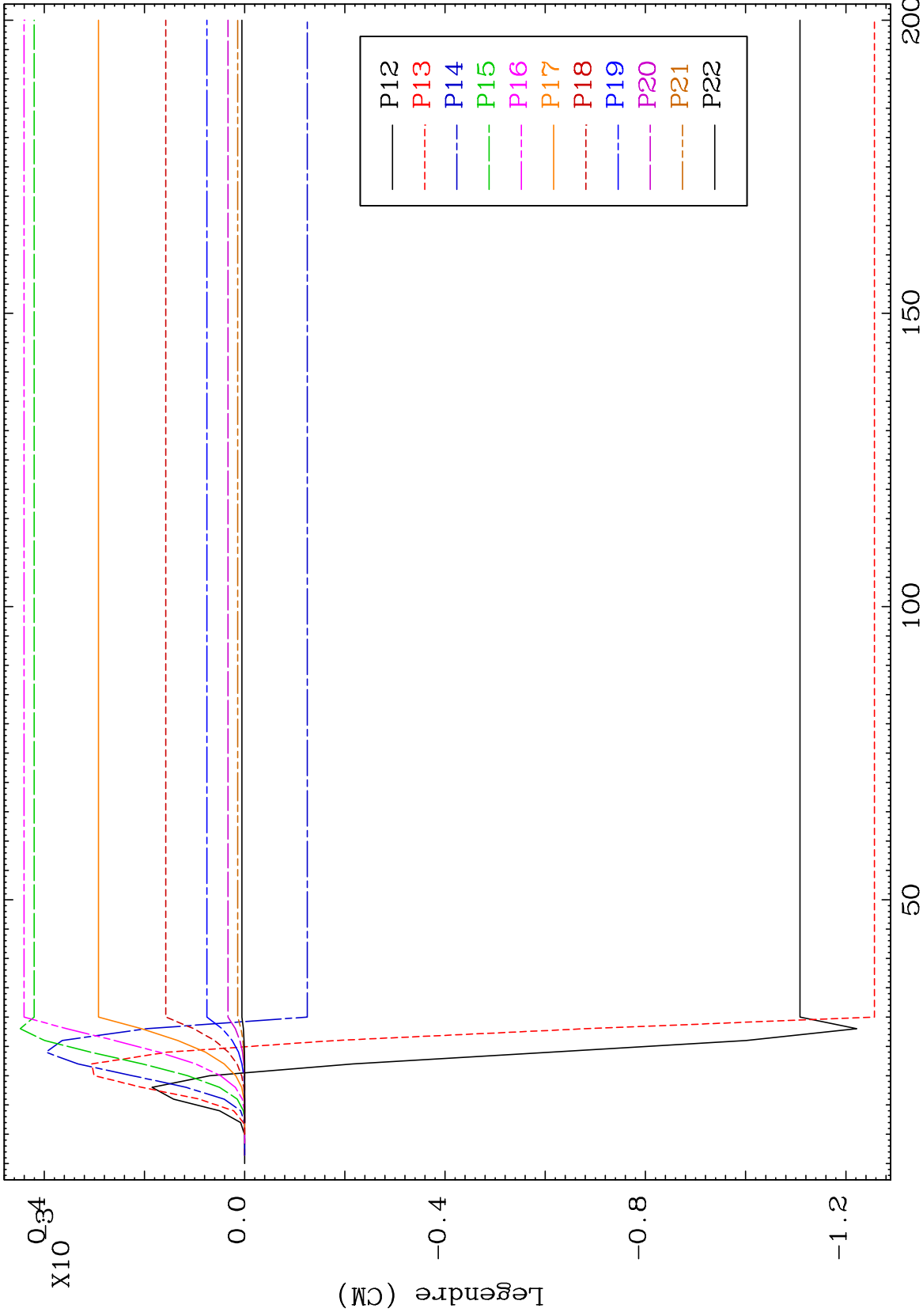
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



73

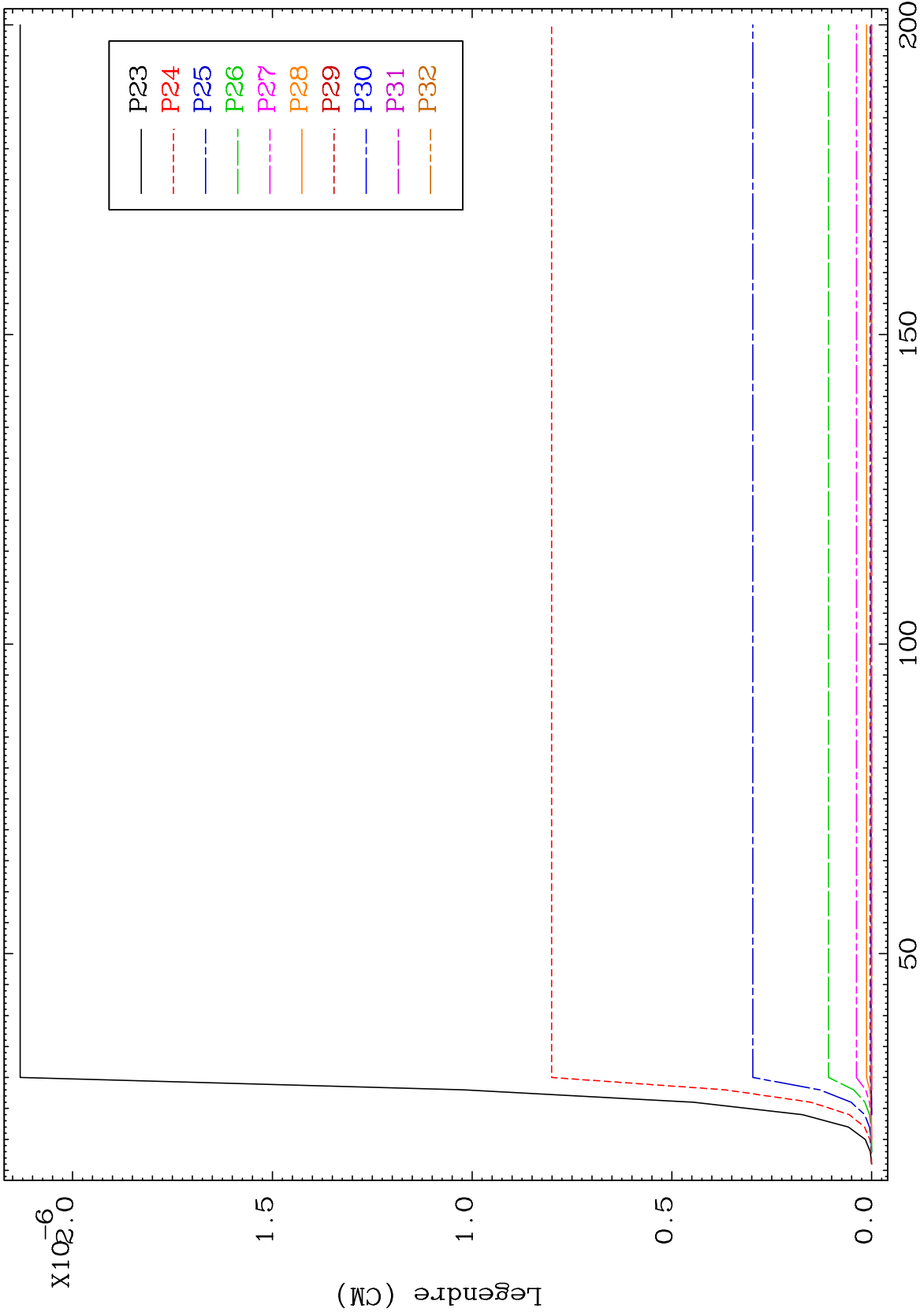
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



74

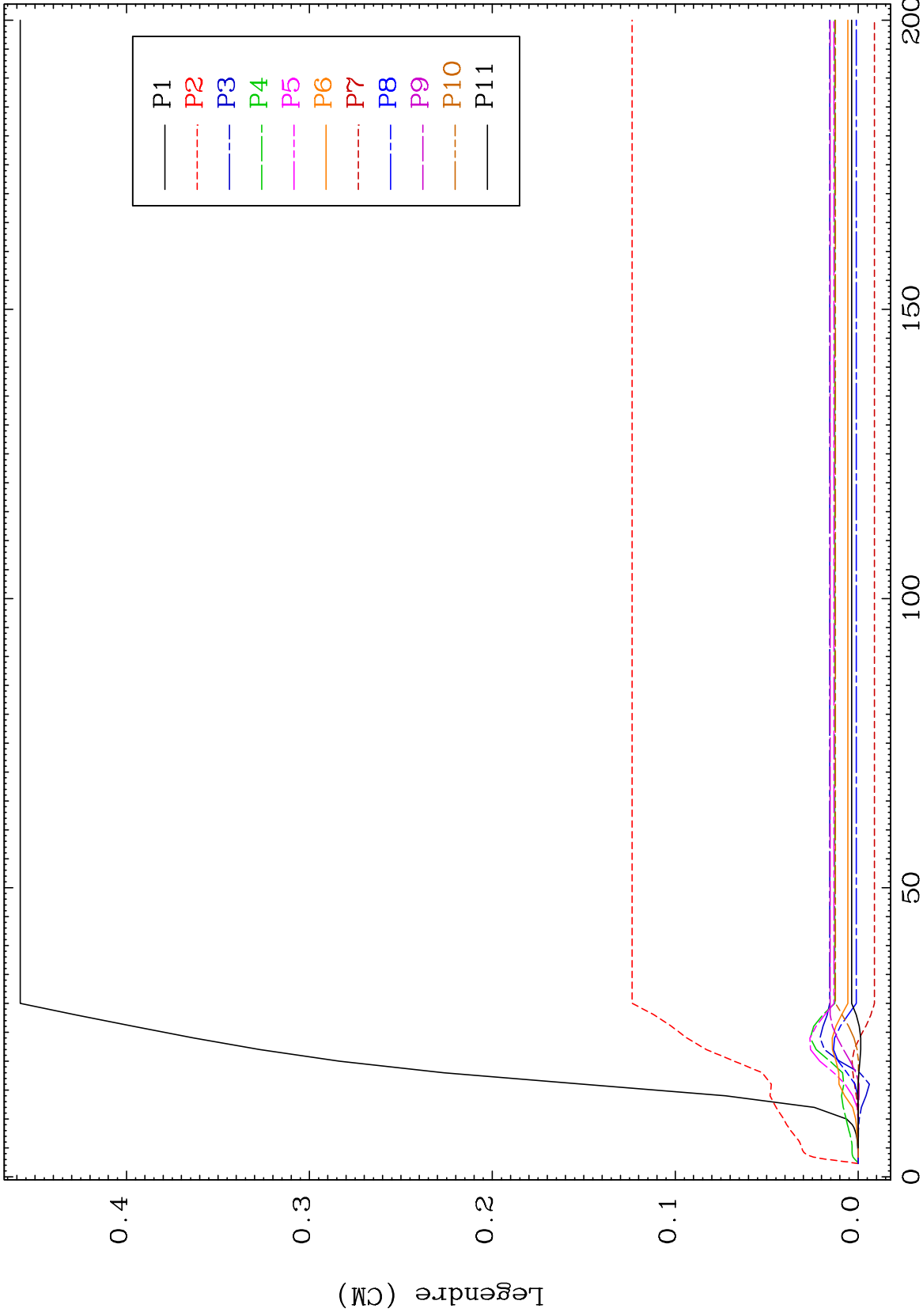
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

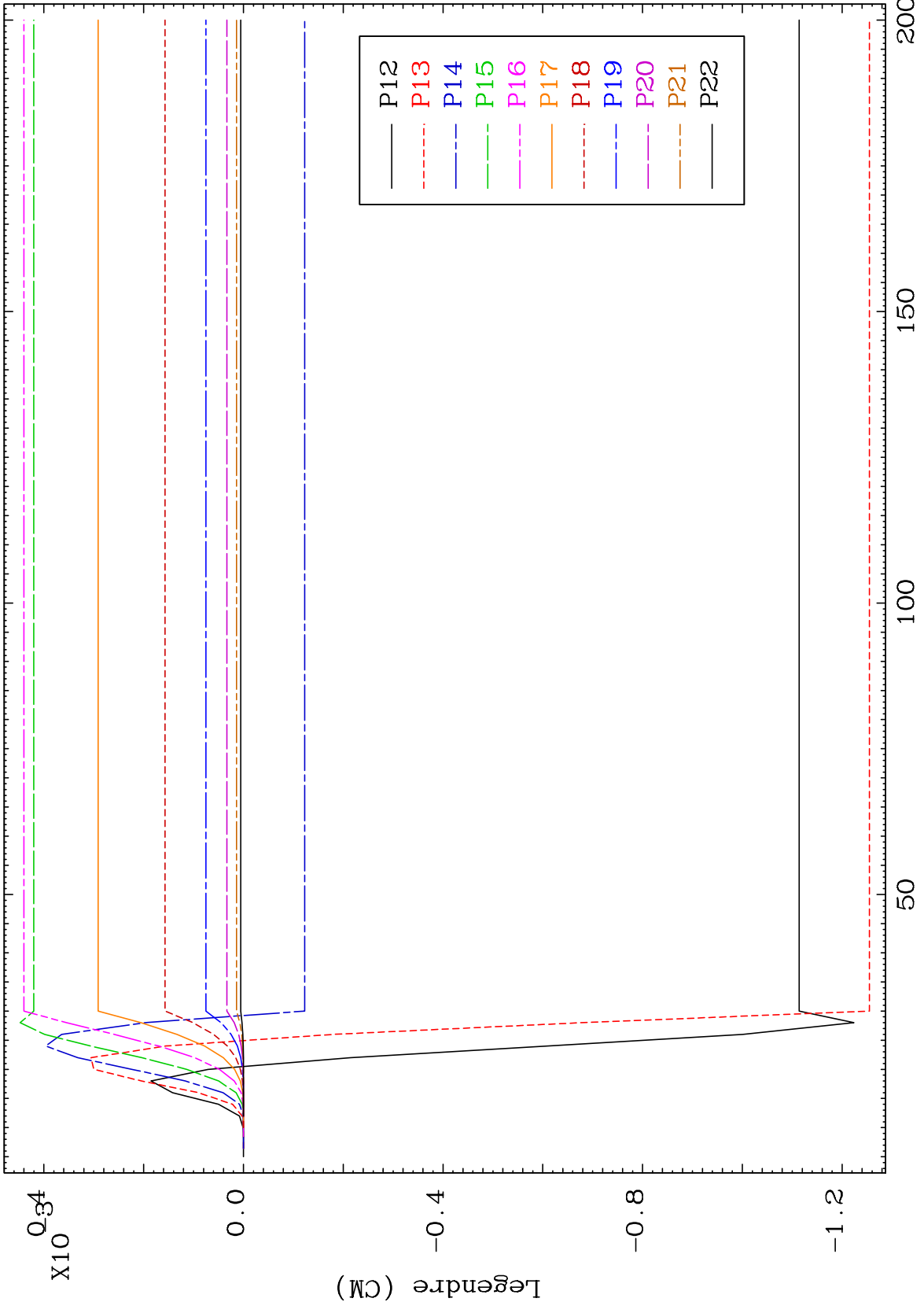
21-Sc-47



75

Incident Energy (MeV)

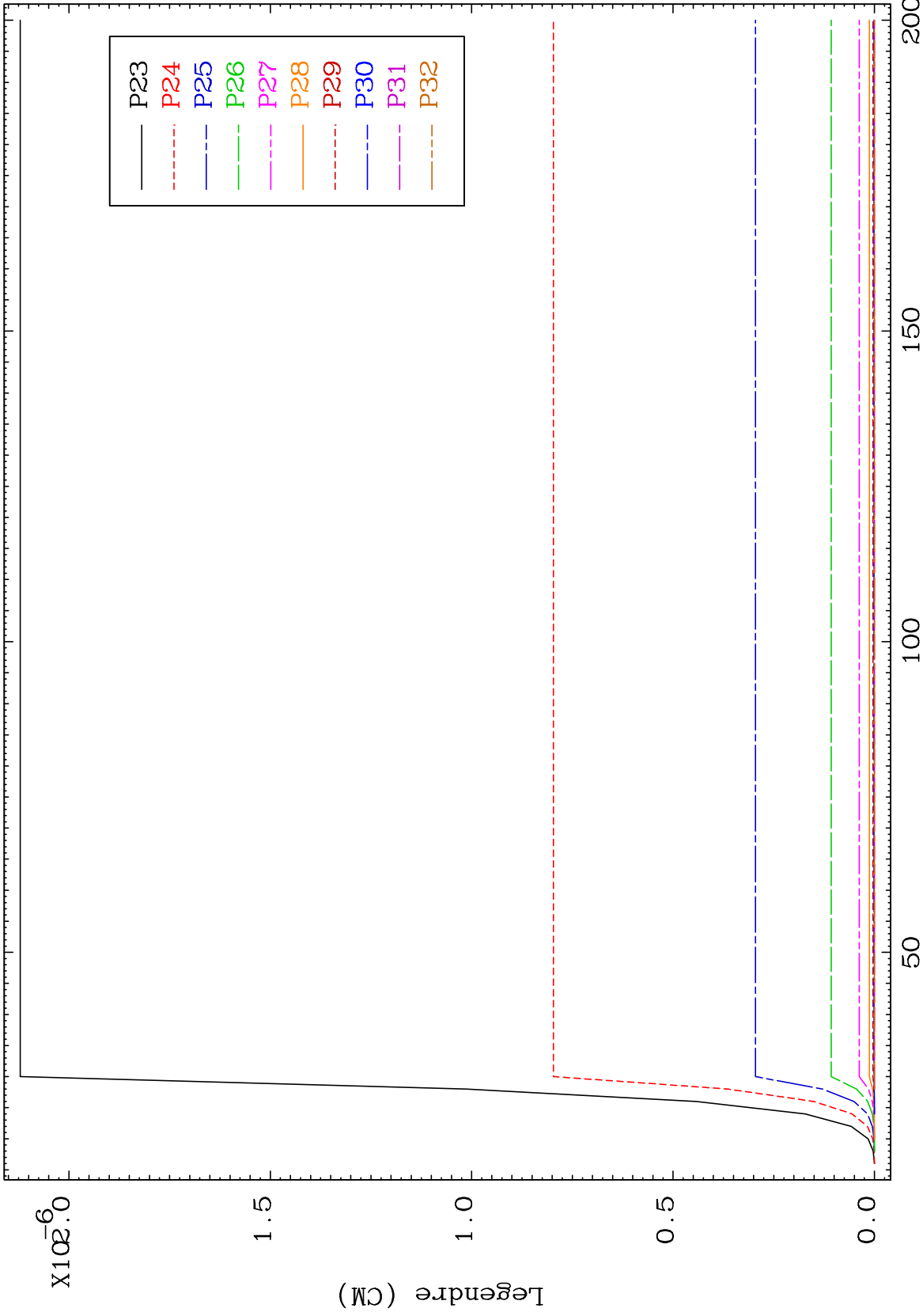
21-Sc-47



MAT 2131

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

21-Sc-47

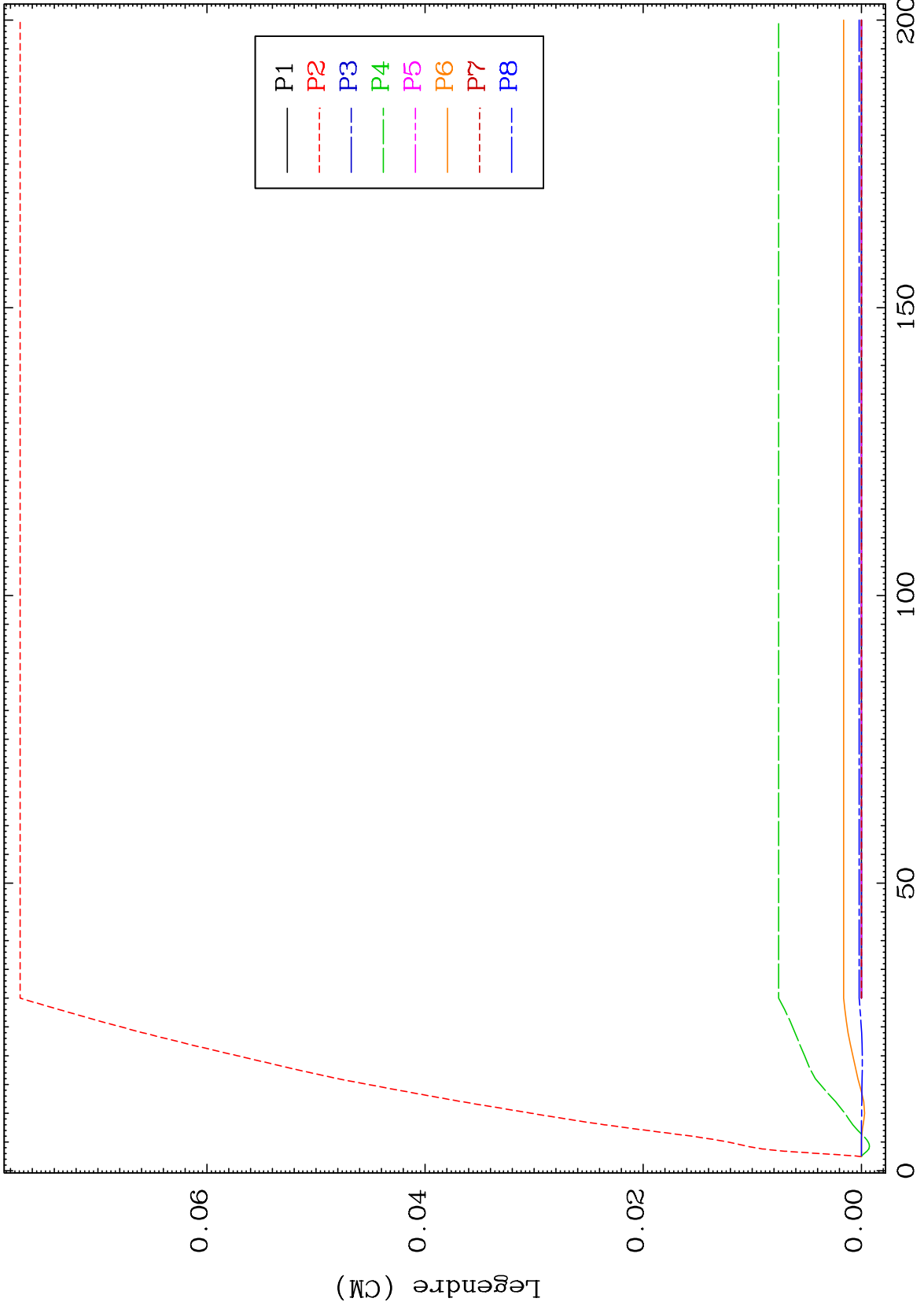


77

Incident Energy (MeV)

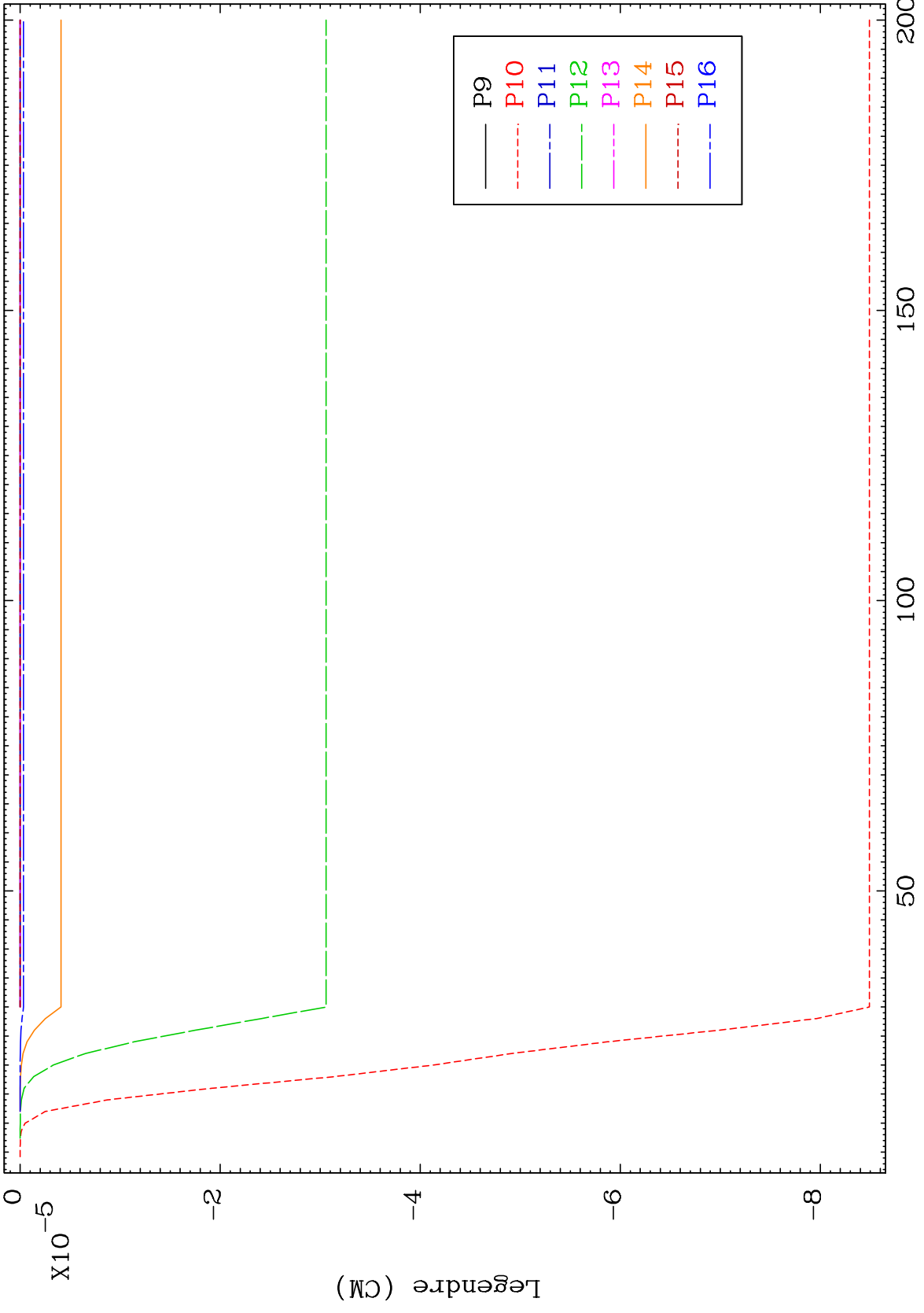
21-Sc-47

MAT 2131 MT= 71 (n,n') Level Legendre Coefficients 21-Sc-47



78 Incident Energy (MeV) 21-Sc-47

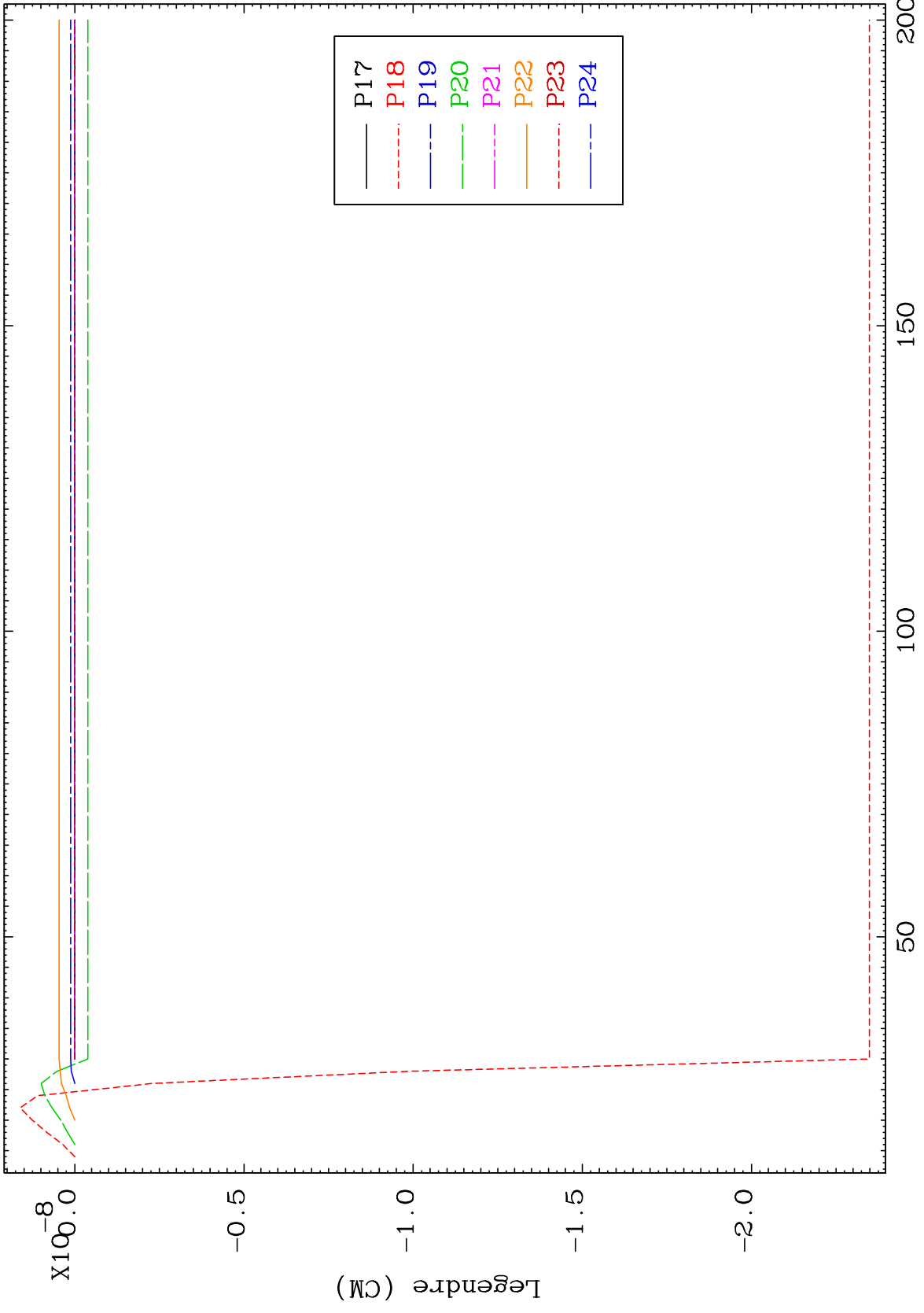
MAT 2131 MT= 71 (n,n') Level Legendre Coefficients 21-Sc-47



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MAT 2131 MT= 71 (n,n') Level Legendre Coefficients 21-Sc-47

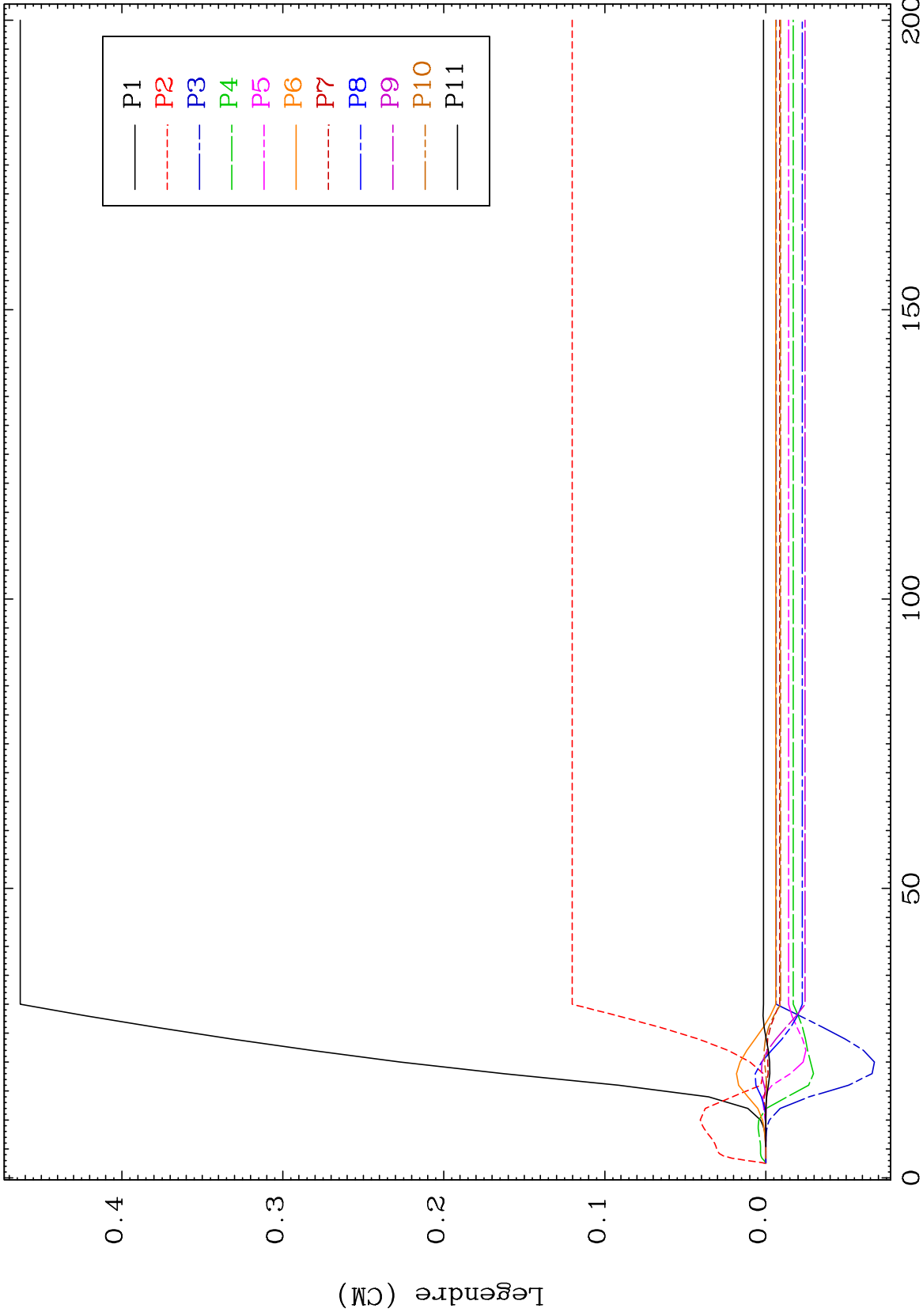


80 50 100 150 200 Incident Energy (MeV) 21-Sc-47

MAT 2131

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

21-Sc-47



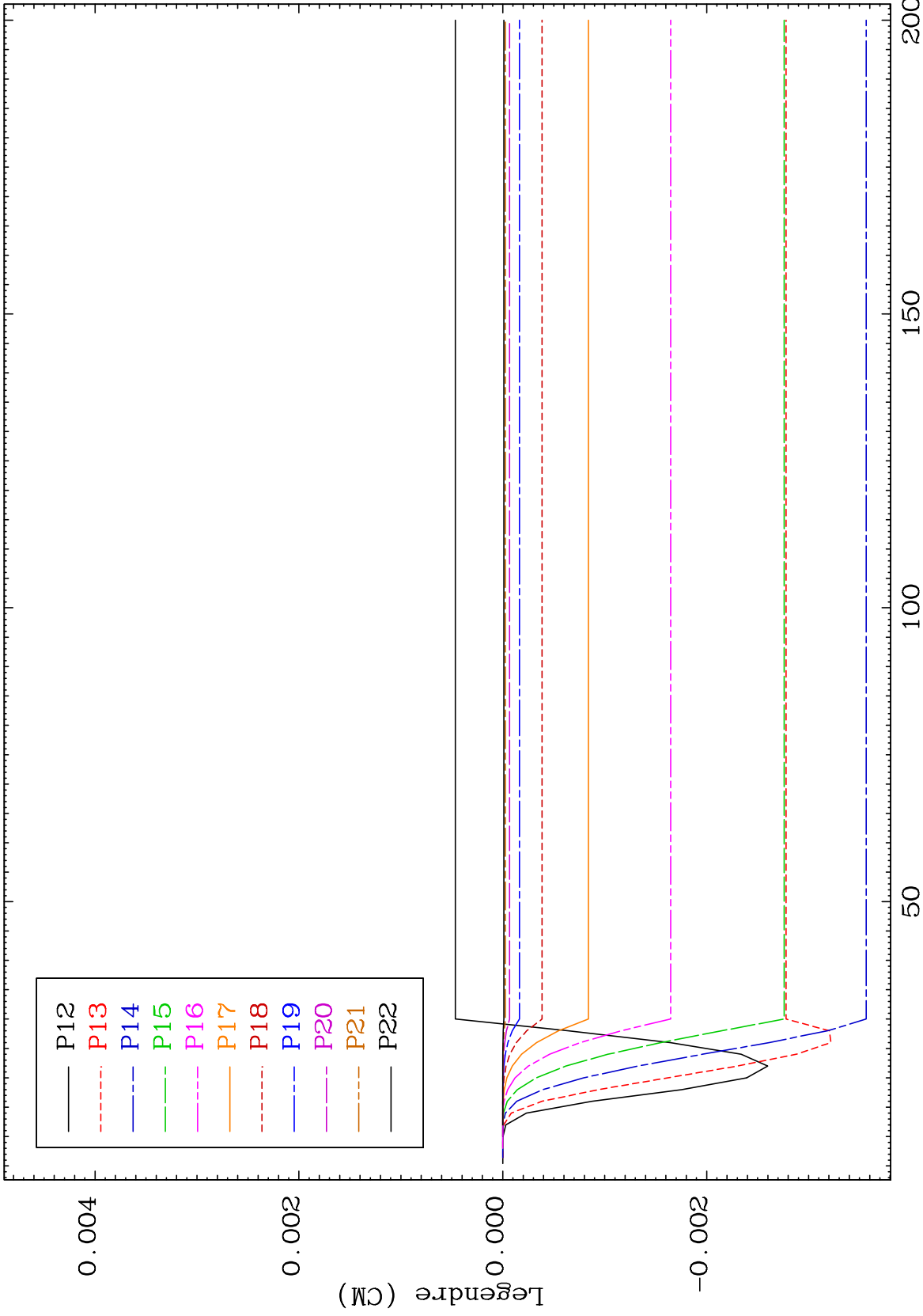
81

21-Sc-47

MAT 2131

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

21-Sc-47



82

Incident Energy (MeV)

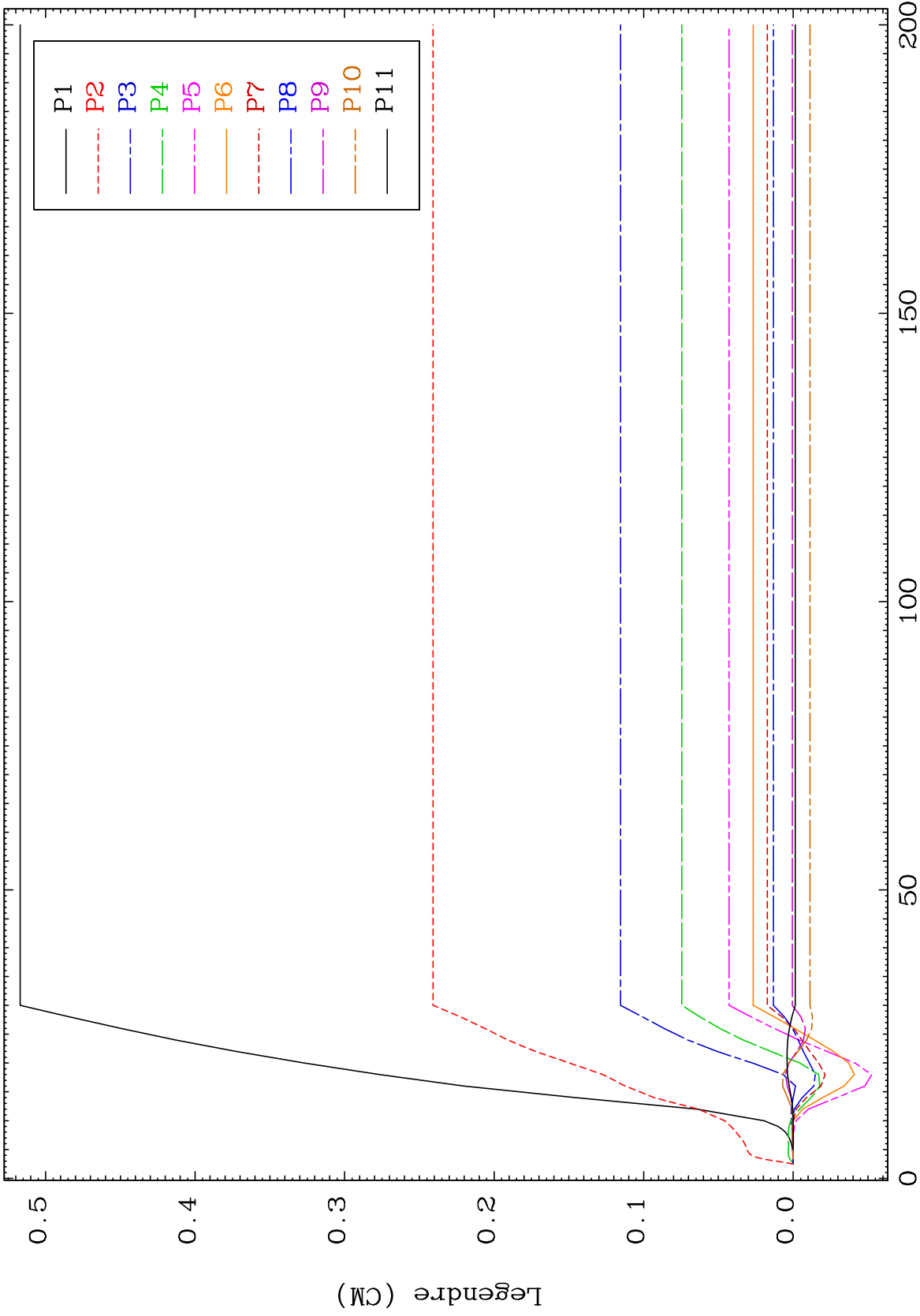
21-Sc-47



MAT 2131

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

21-Sc-47



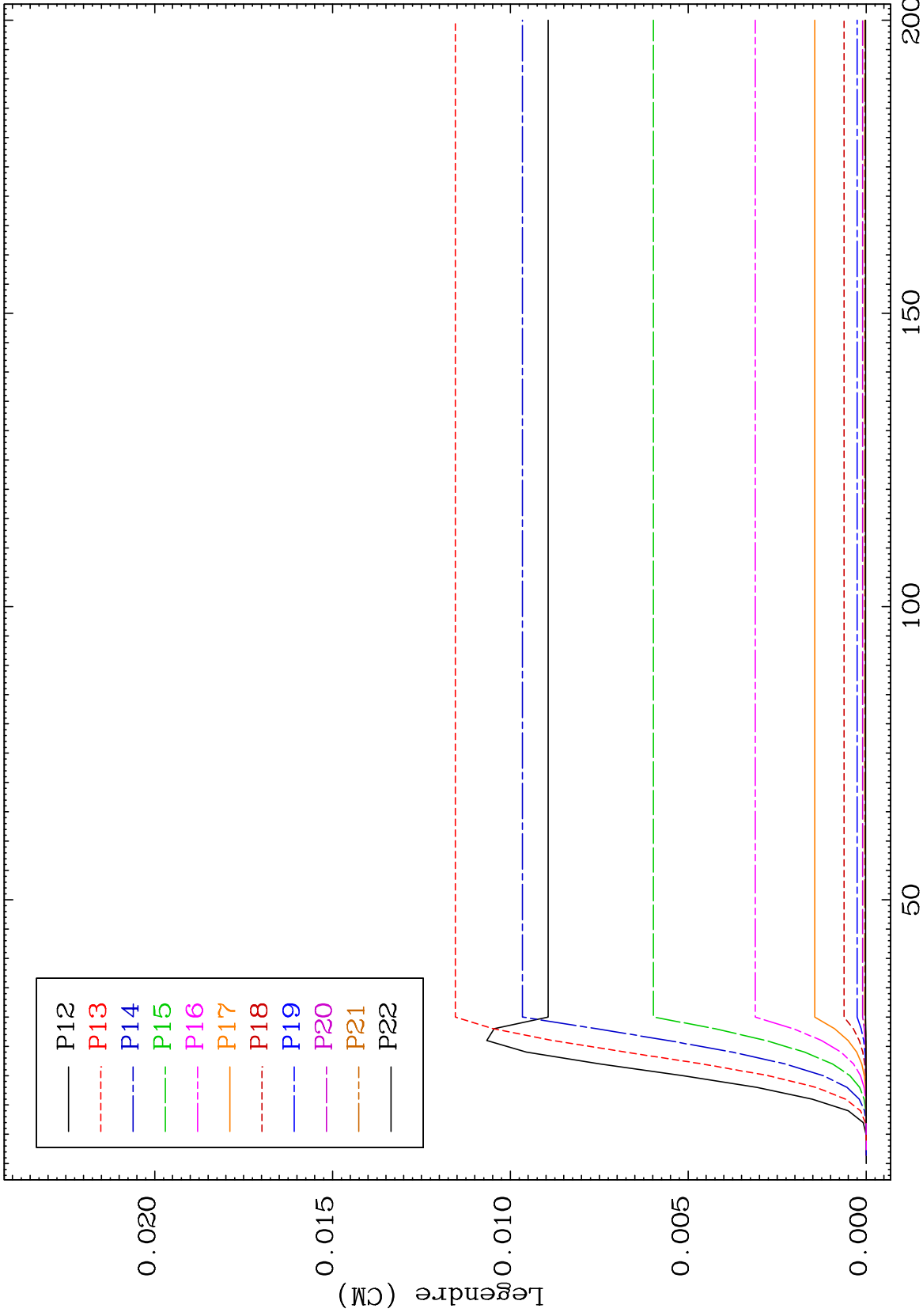
84

21-Sc-47

MAT 2131

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

21-Sc-47



85

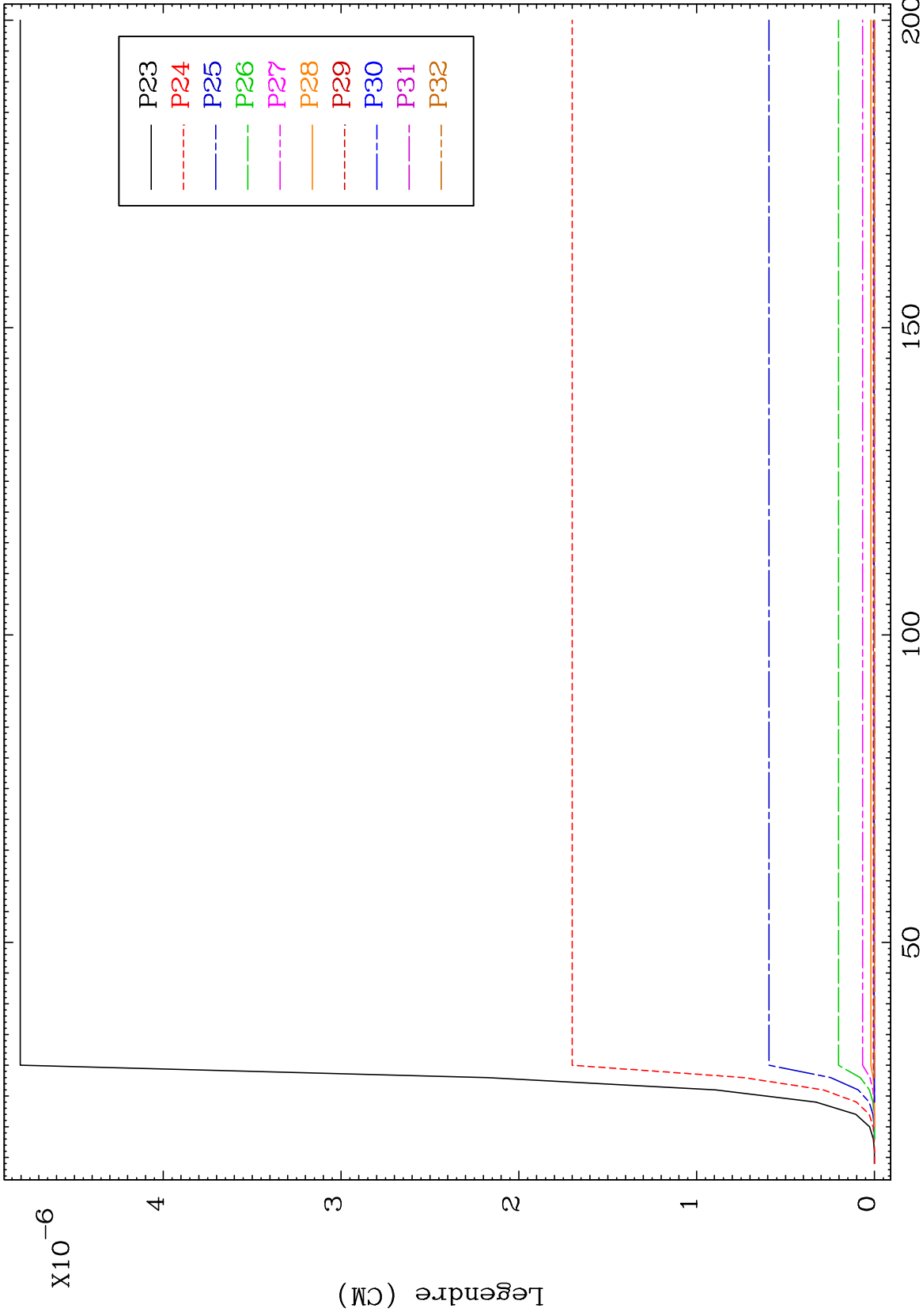
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



86

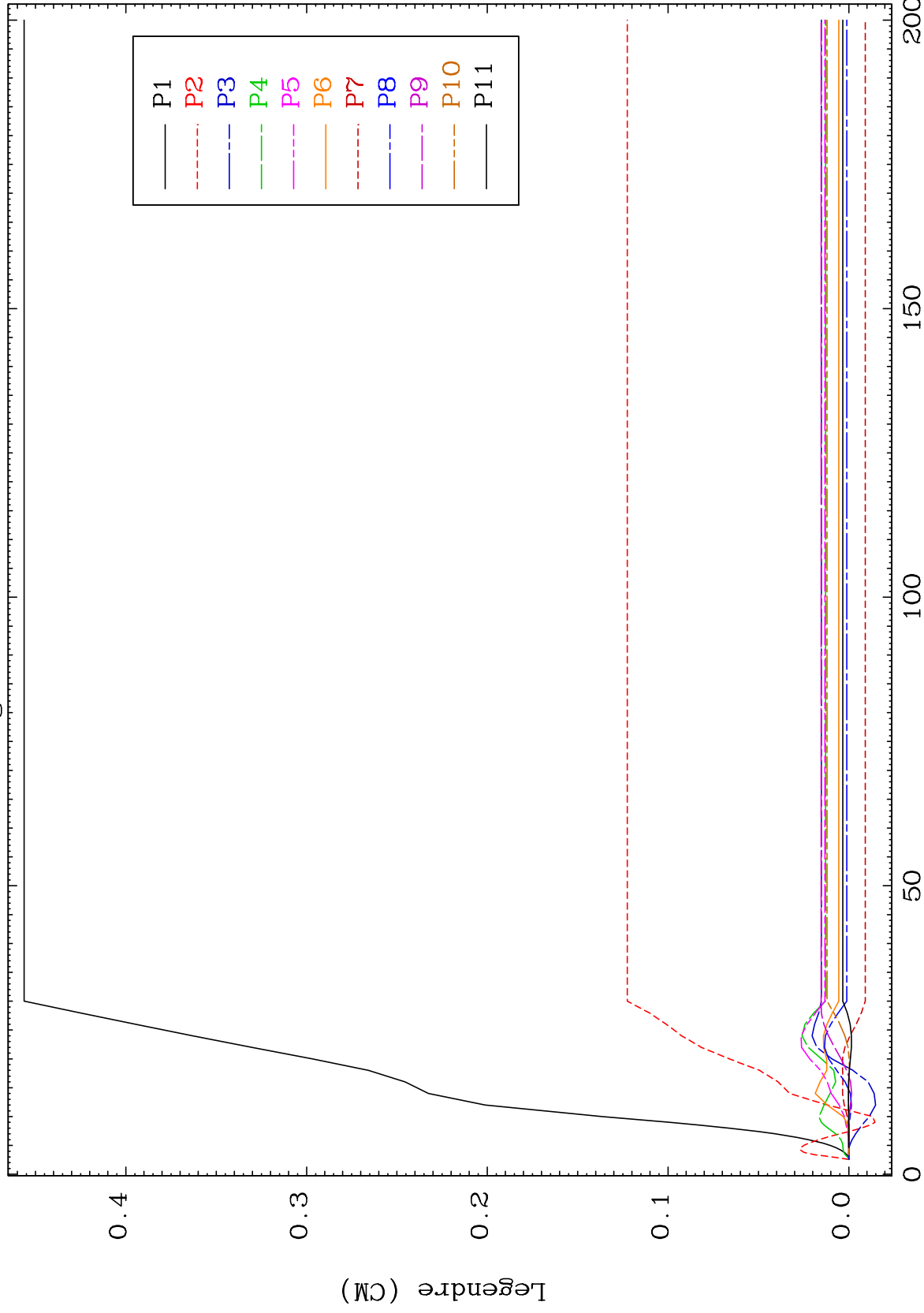
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



87

Incident Energy (MeV)

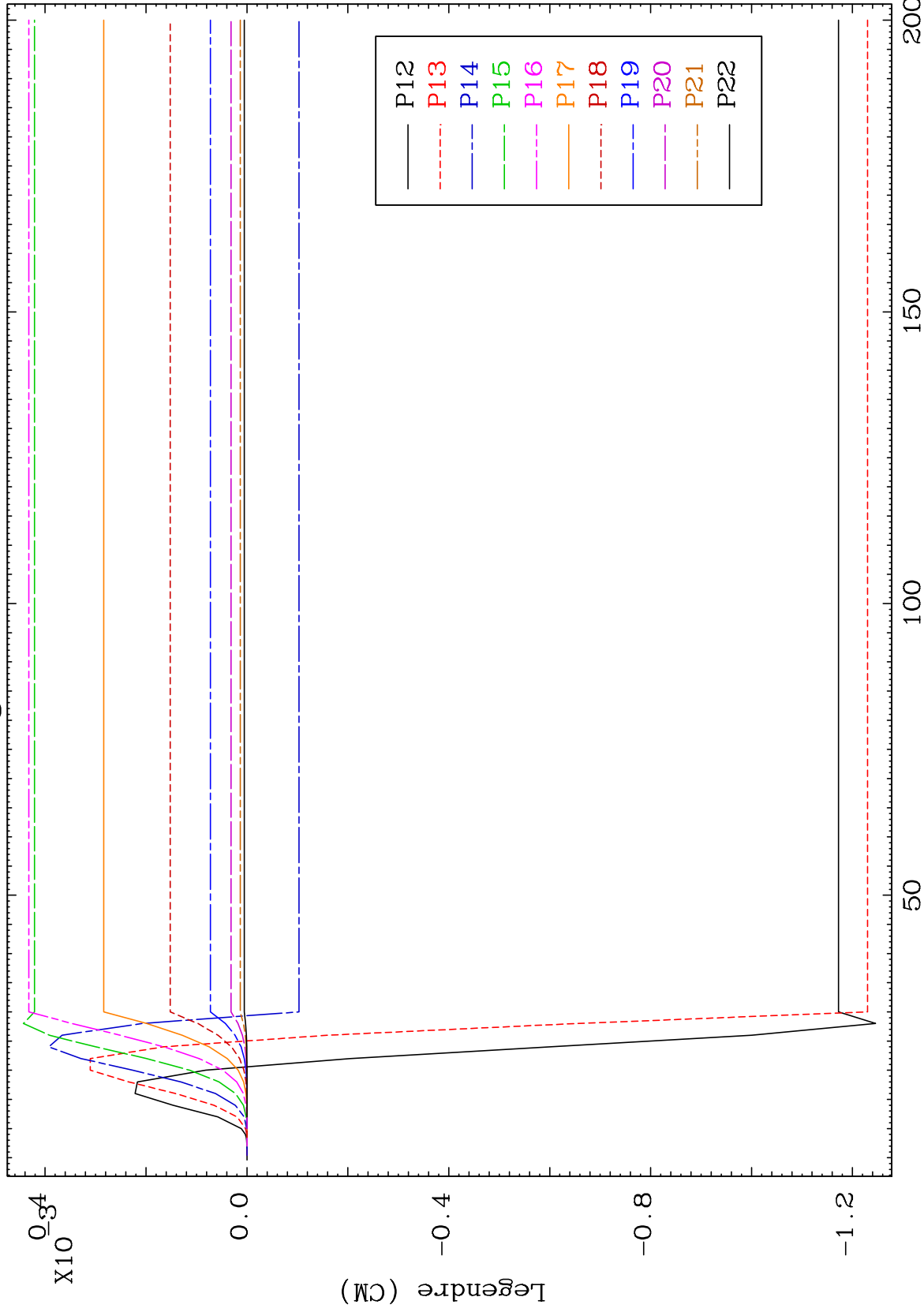
21-Sc-47



MAT 2131

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

21-Sc-47



88

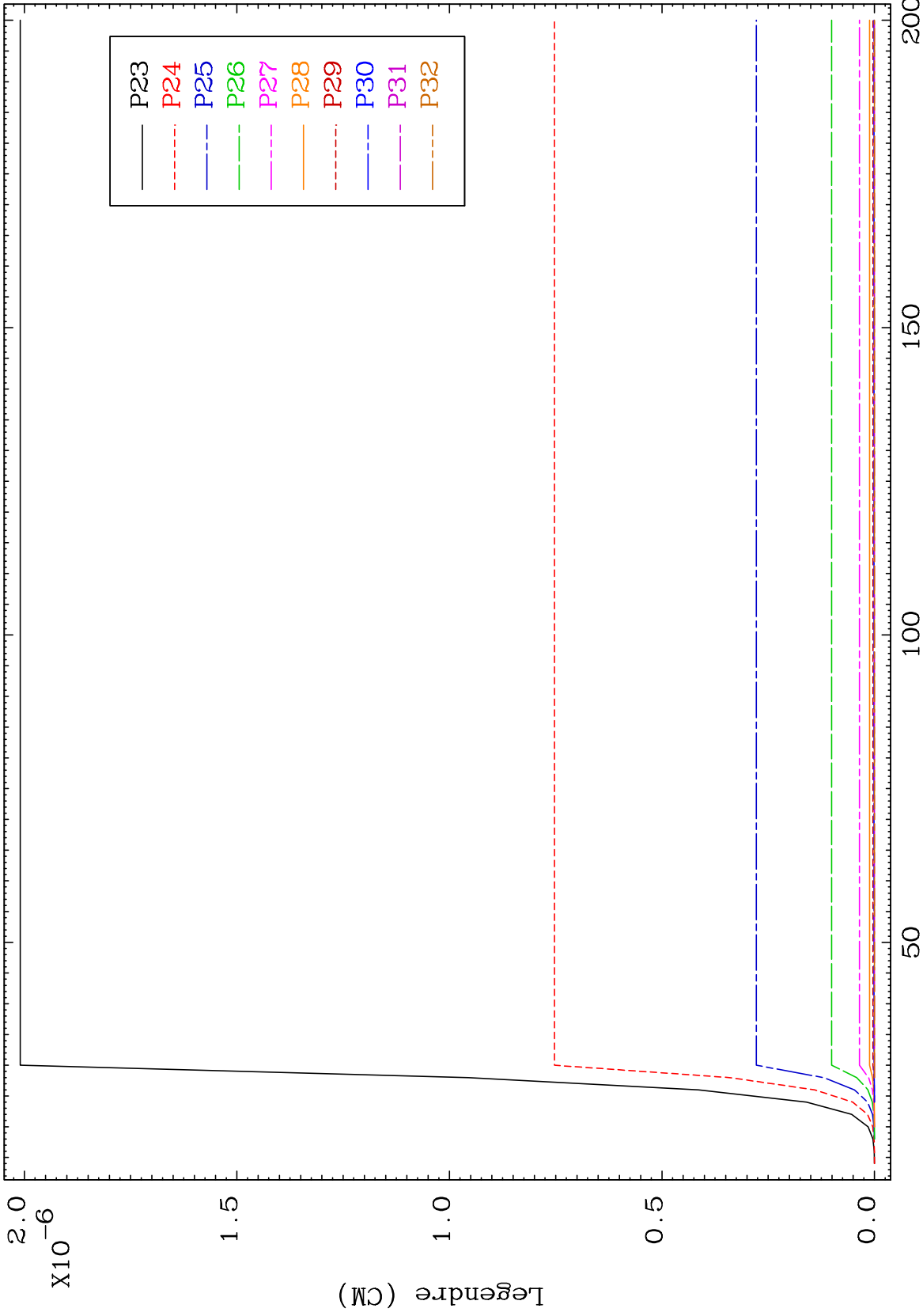
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

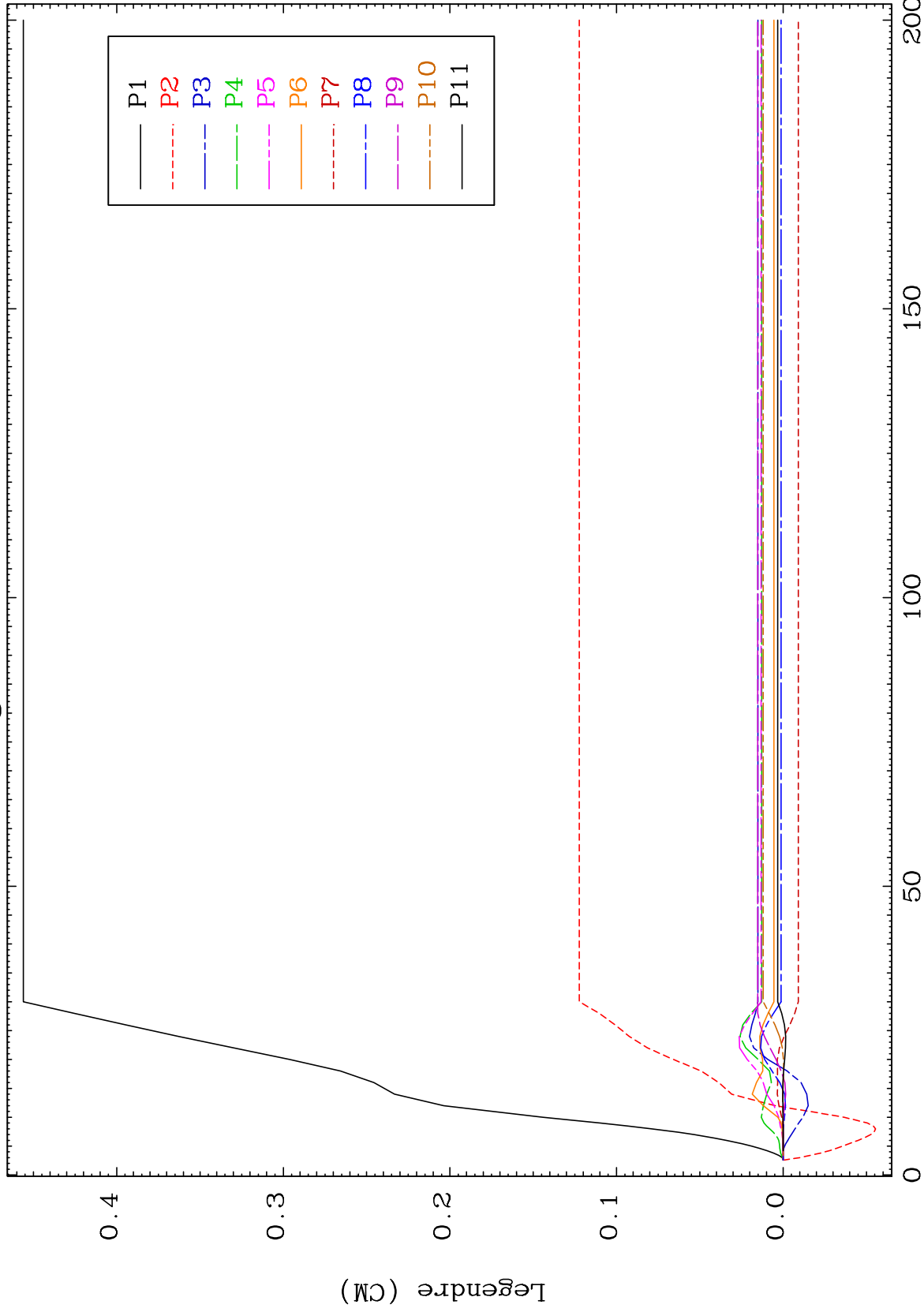
21-Sc-47



MAT 2131

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

21-Sc-47



21-Sc-47

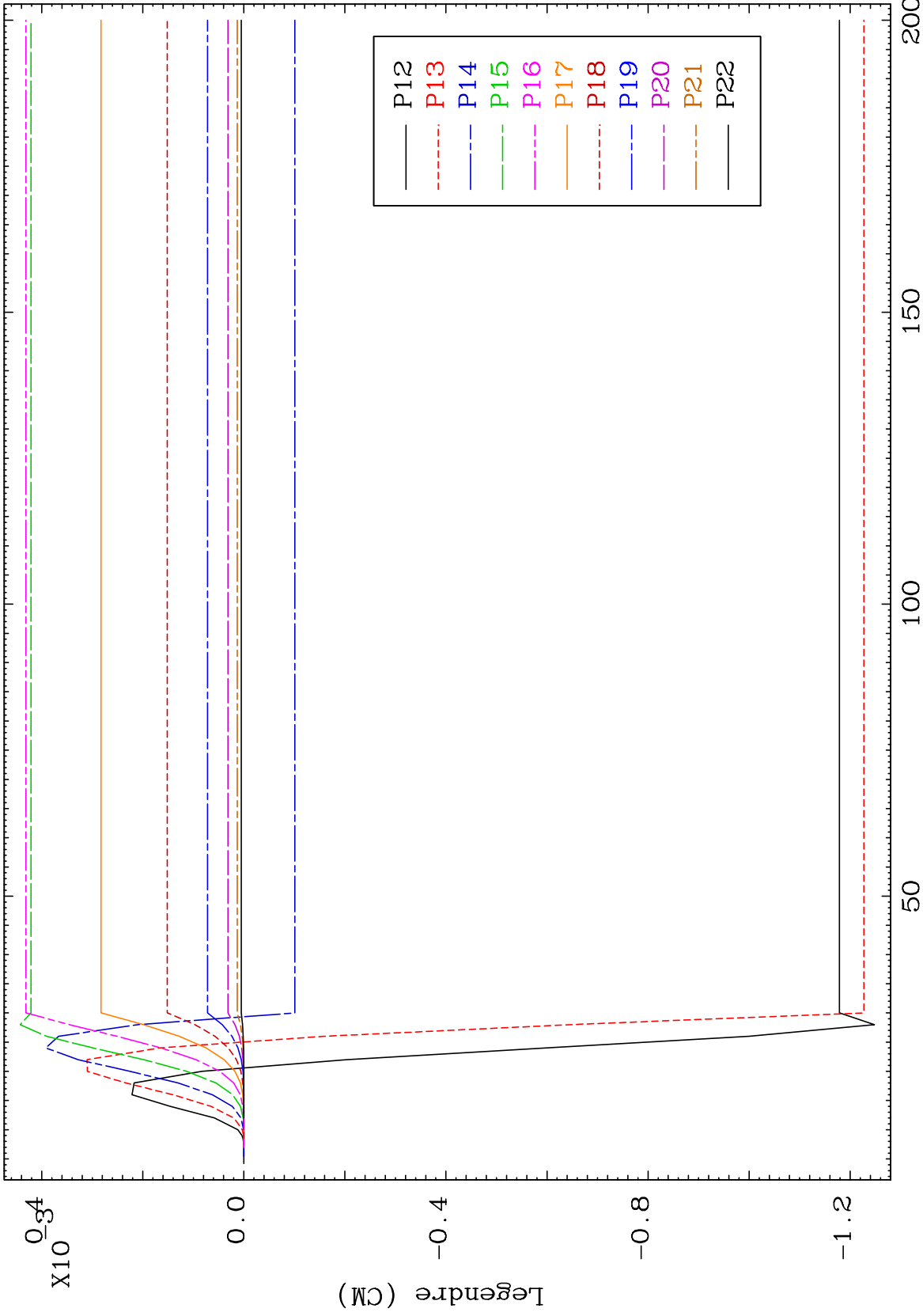
Incident Energy (MeV)

90

MAT 2131

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

21-Sc-47



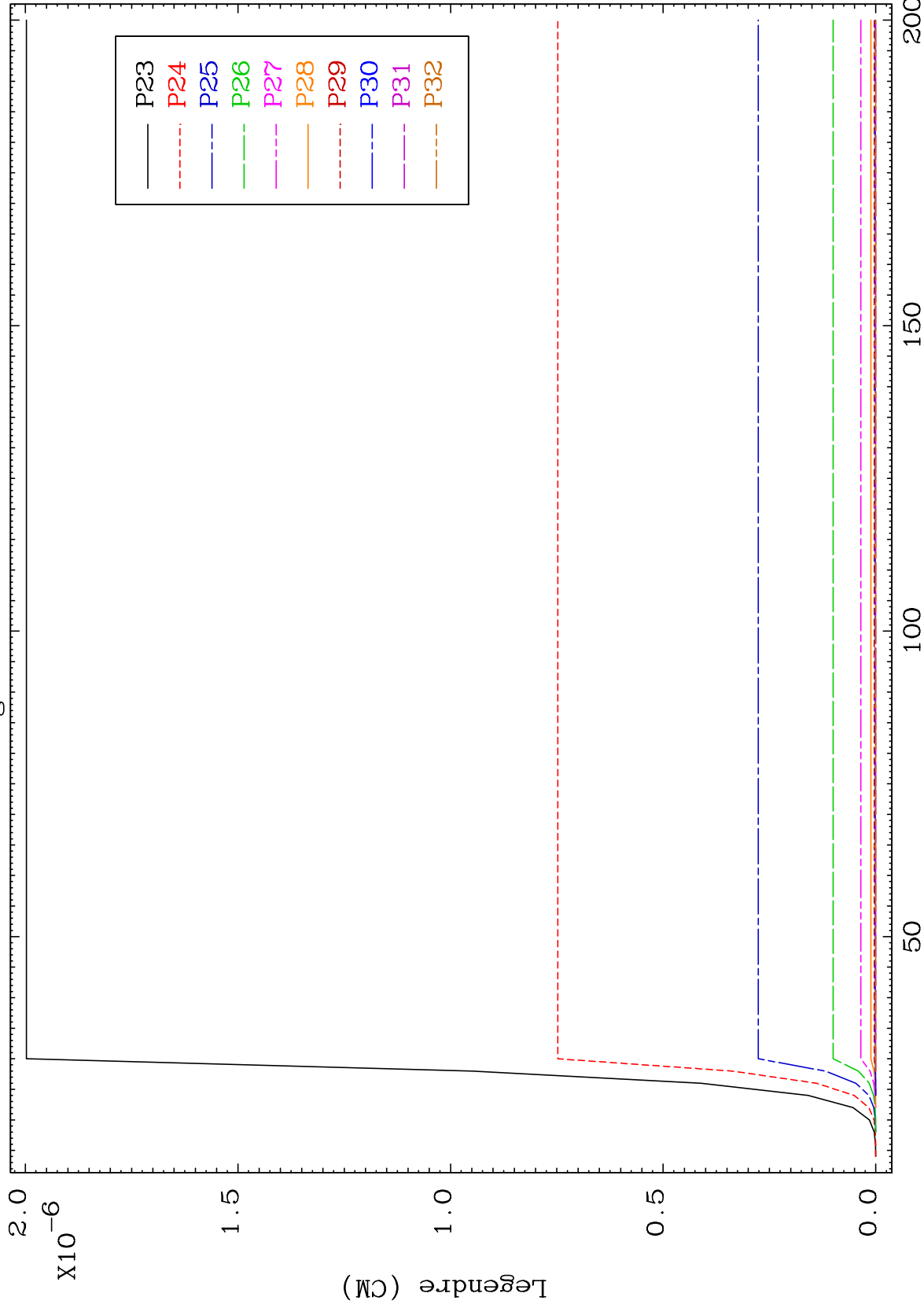
91

21-Sc-47

MAT 2131

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

21-Sc-47



92

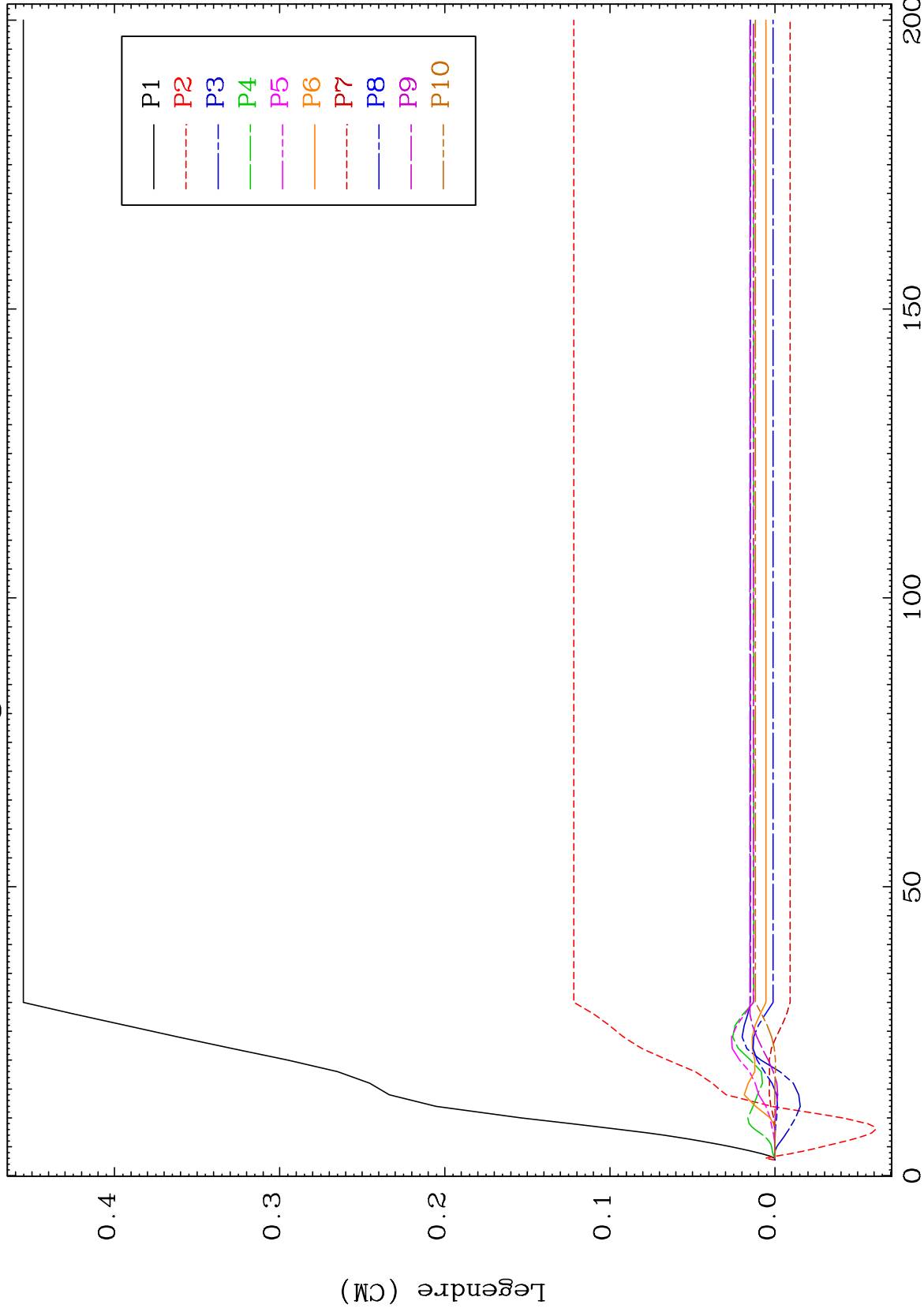
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



93

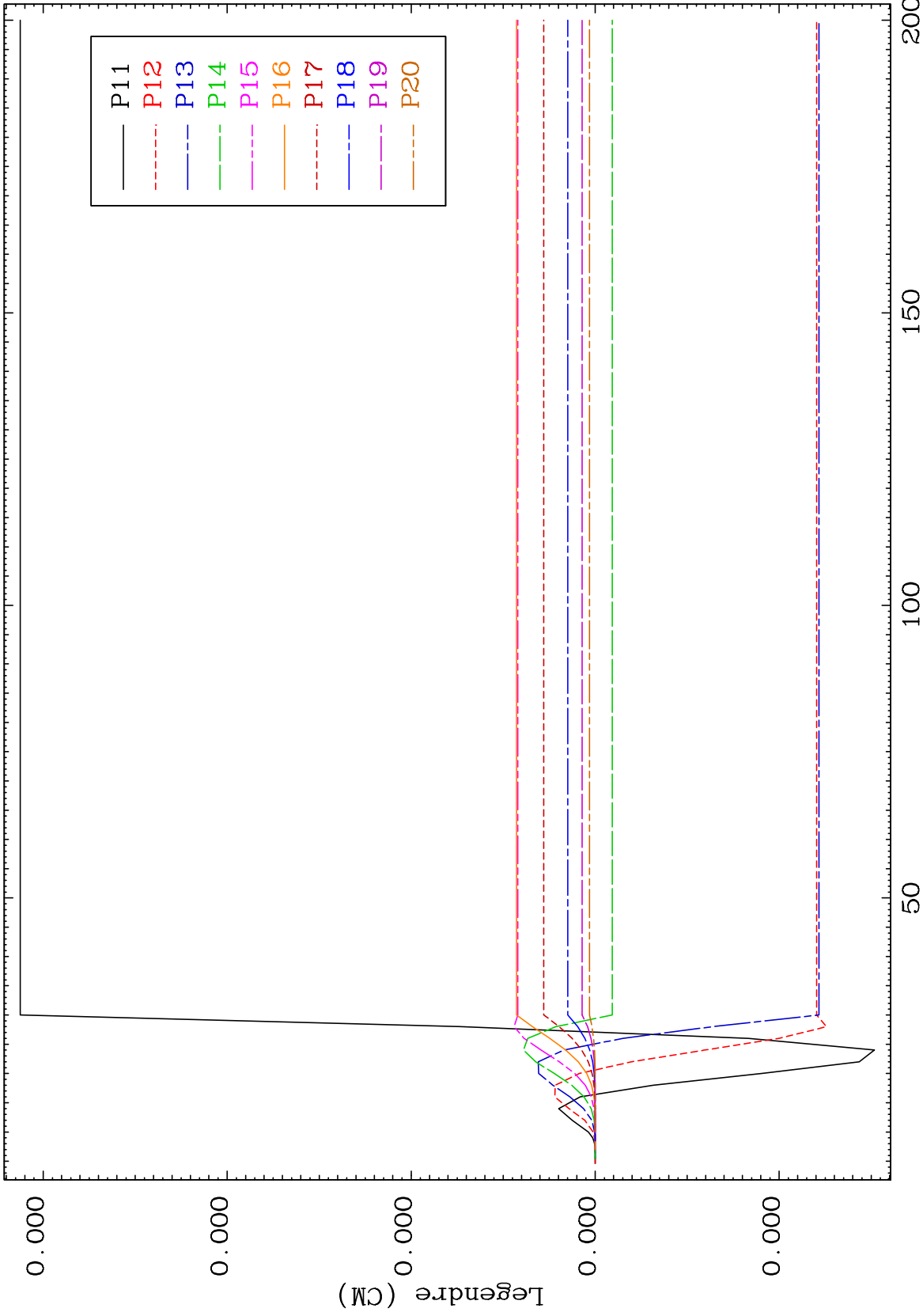
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



94

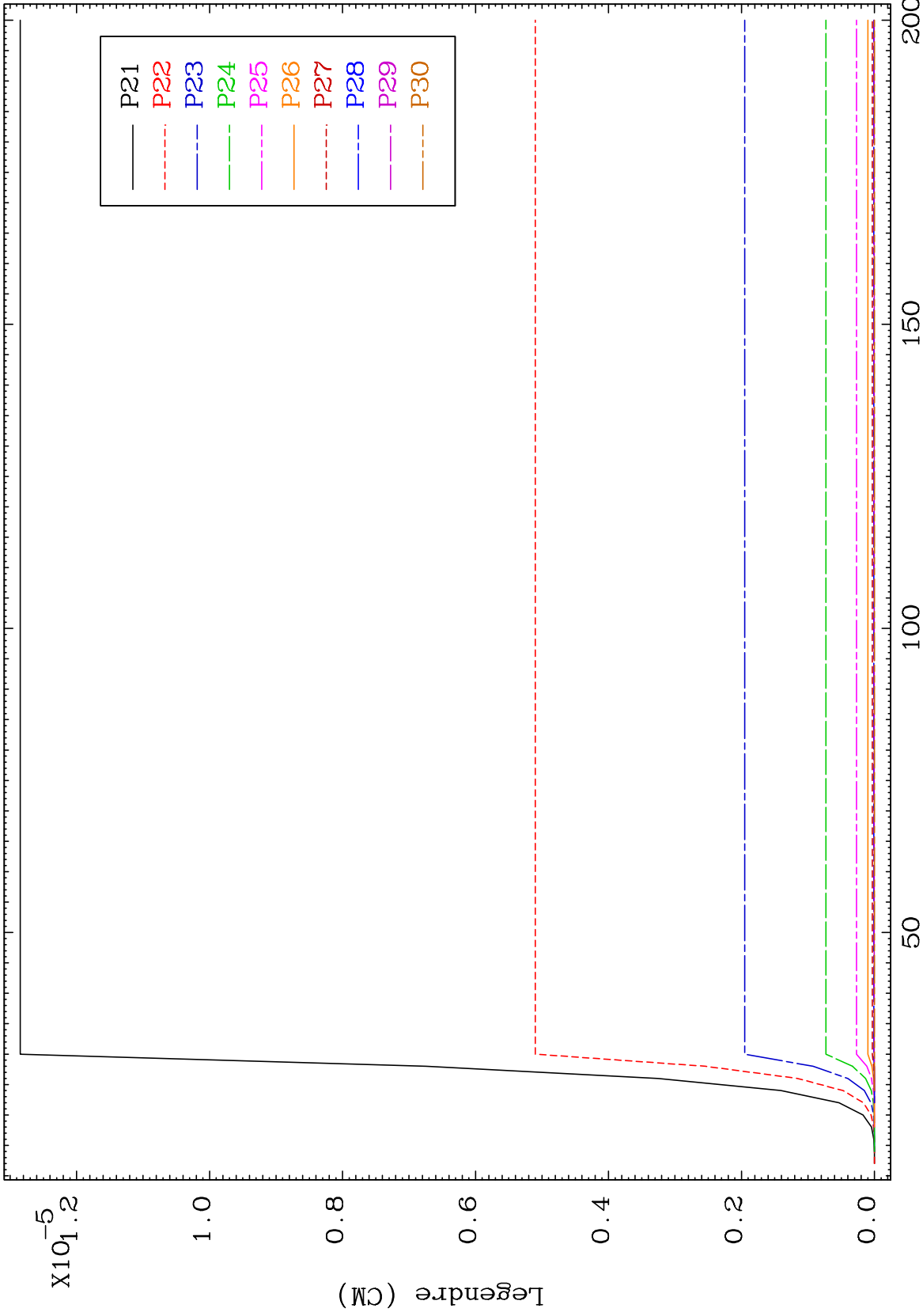
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



95

Incident Energy (MeV)

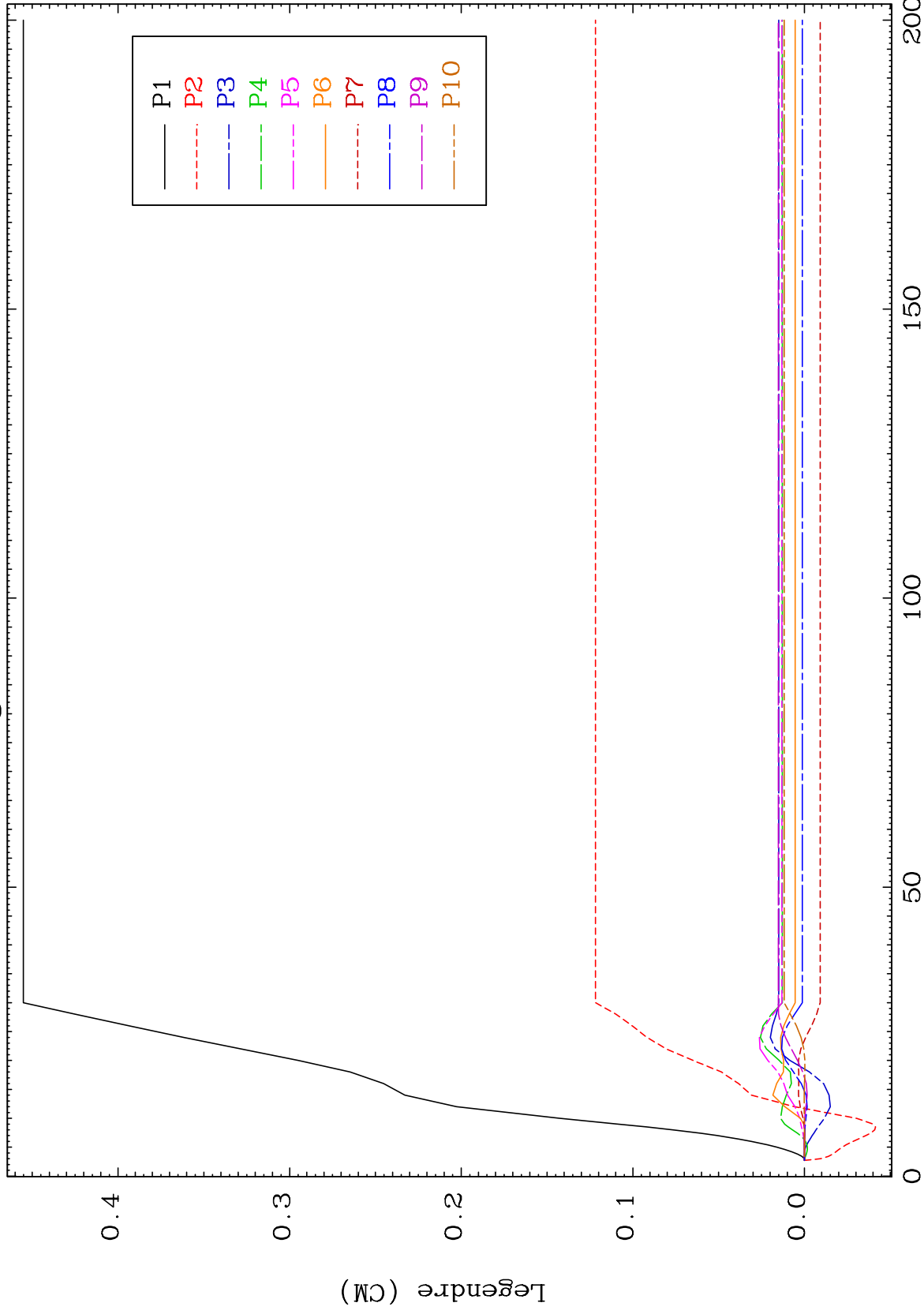
21-Sc-47



MAT 2131

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

21-Sc-47



96

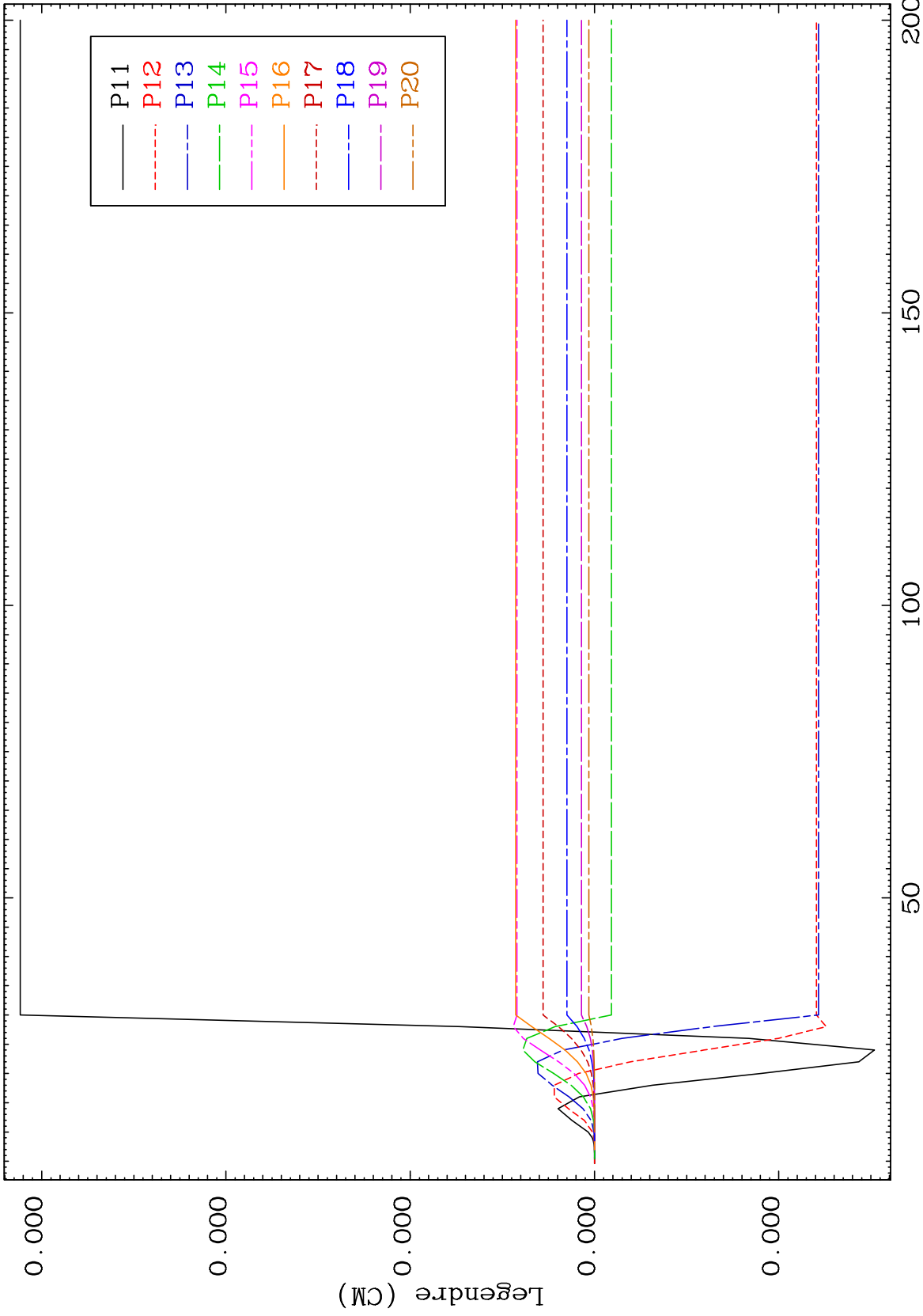
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



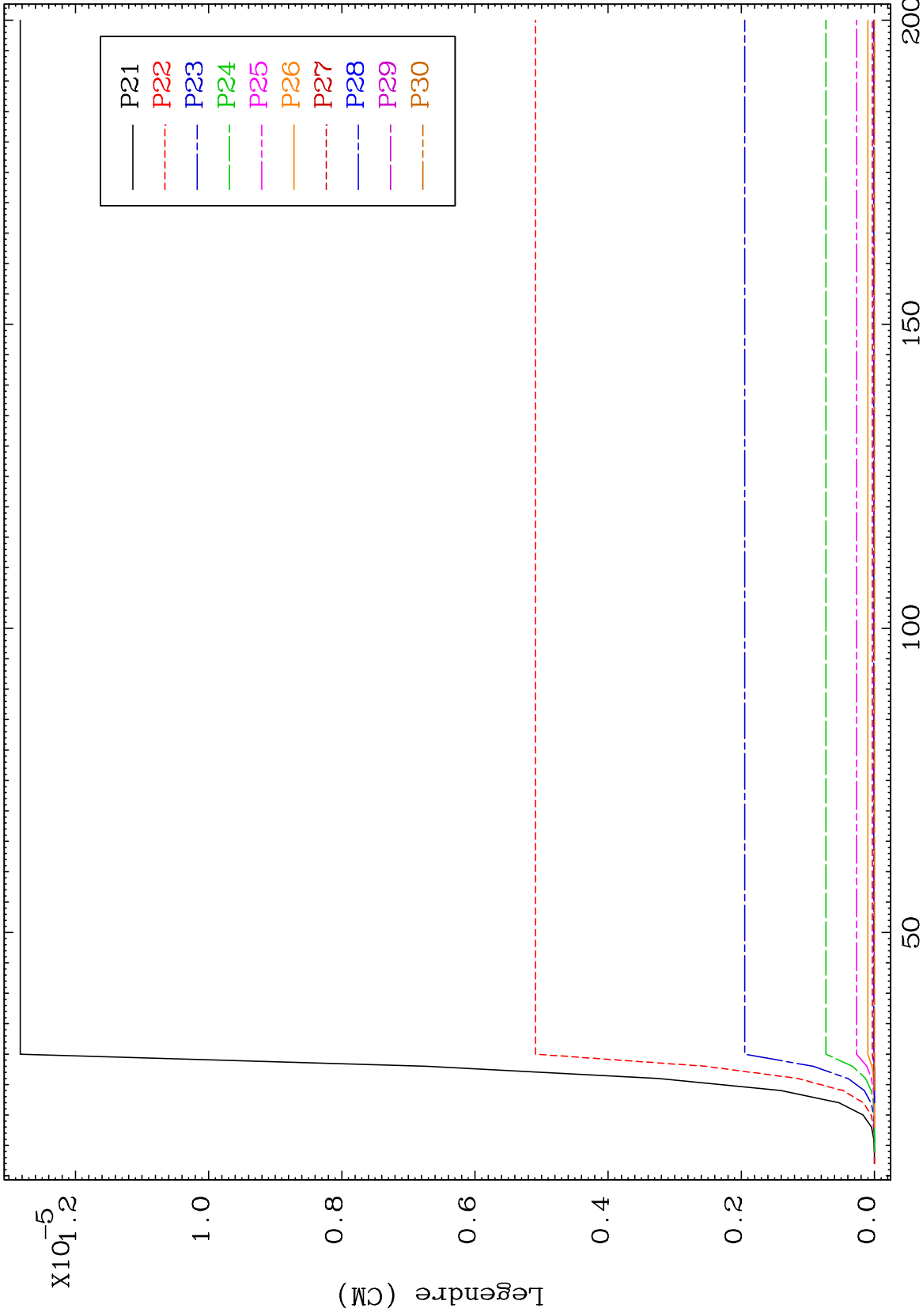
97

21-Sc-47

MAT 2131

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

21-Sc-47



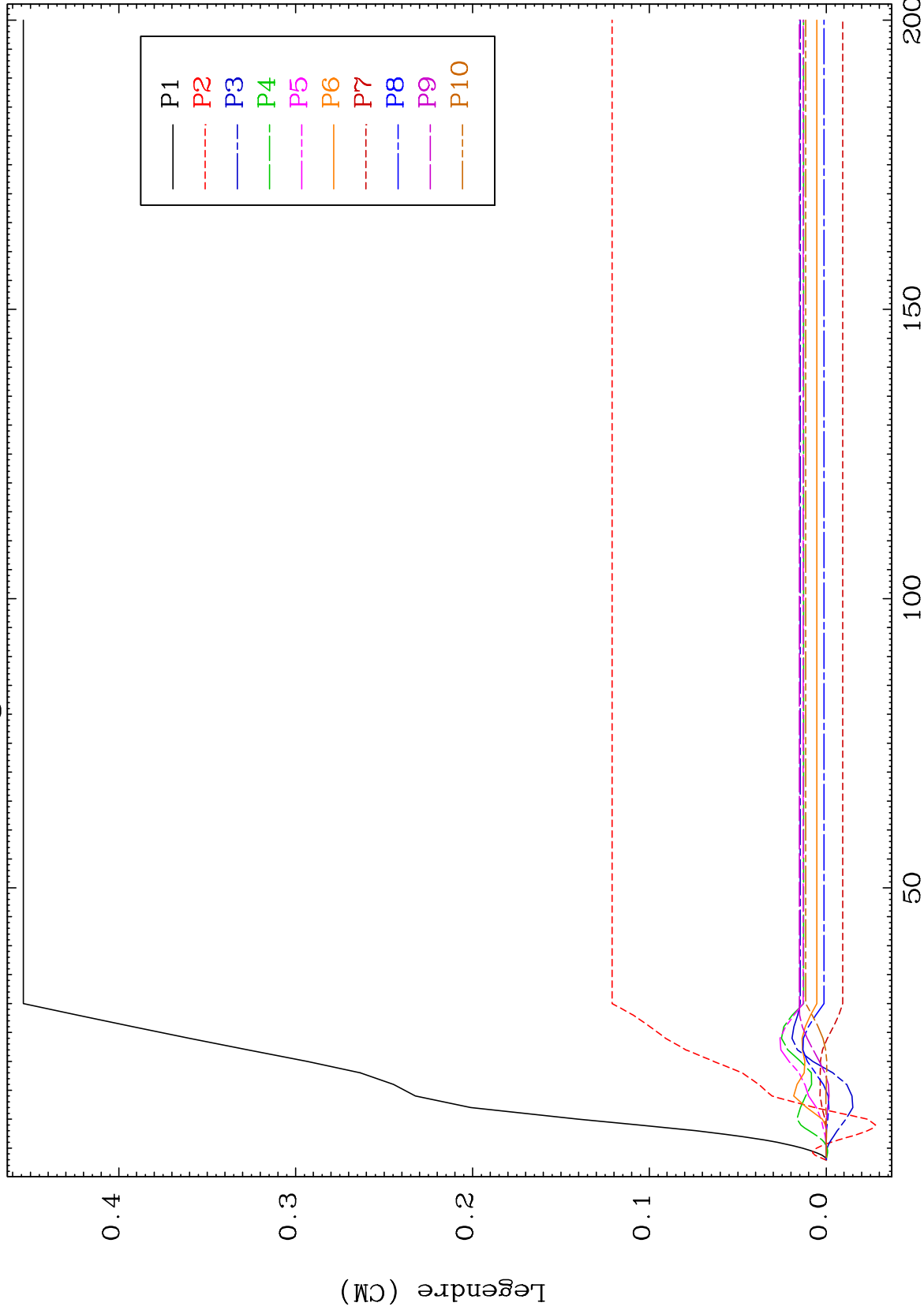
98

21-Sc-47

MAT 2131

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

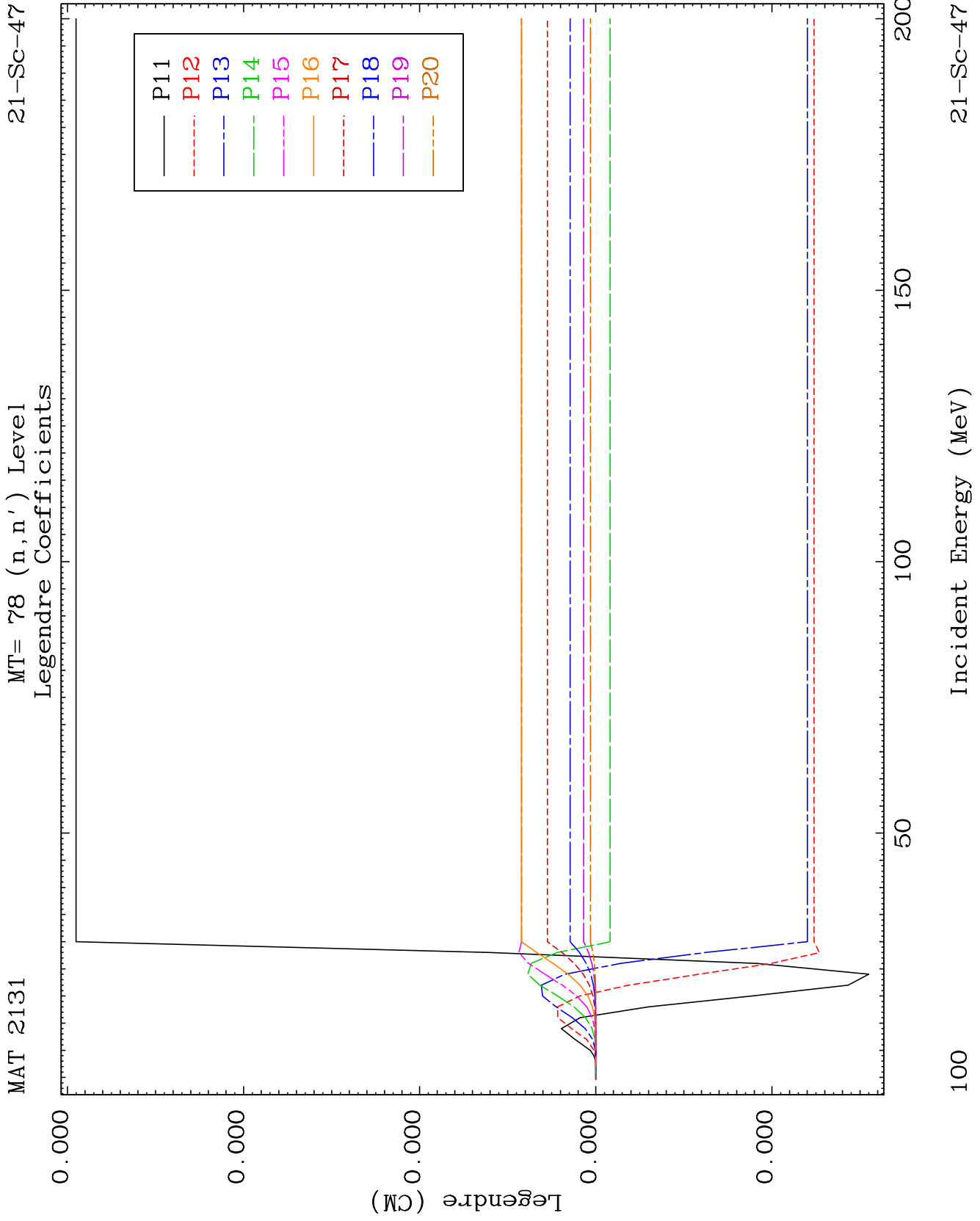
21-Sc-47



99

Incident Energy (MeV)

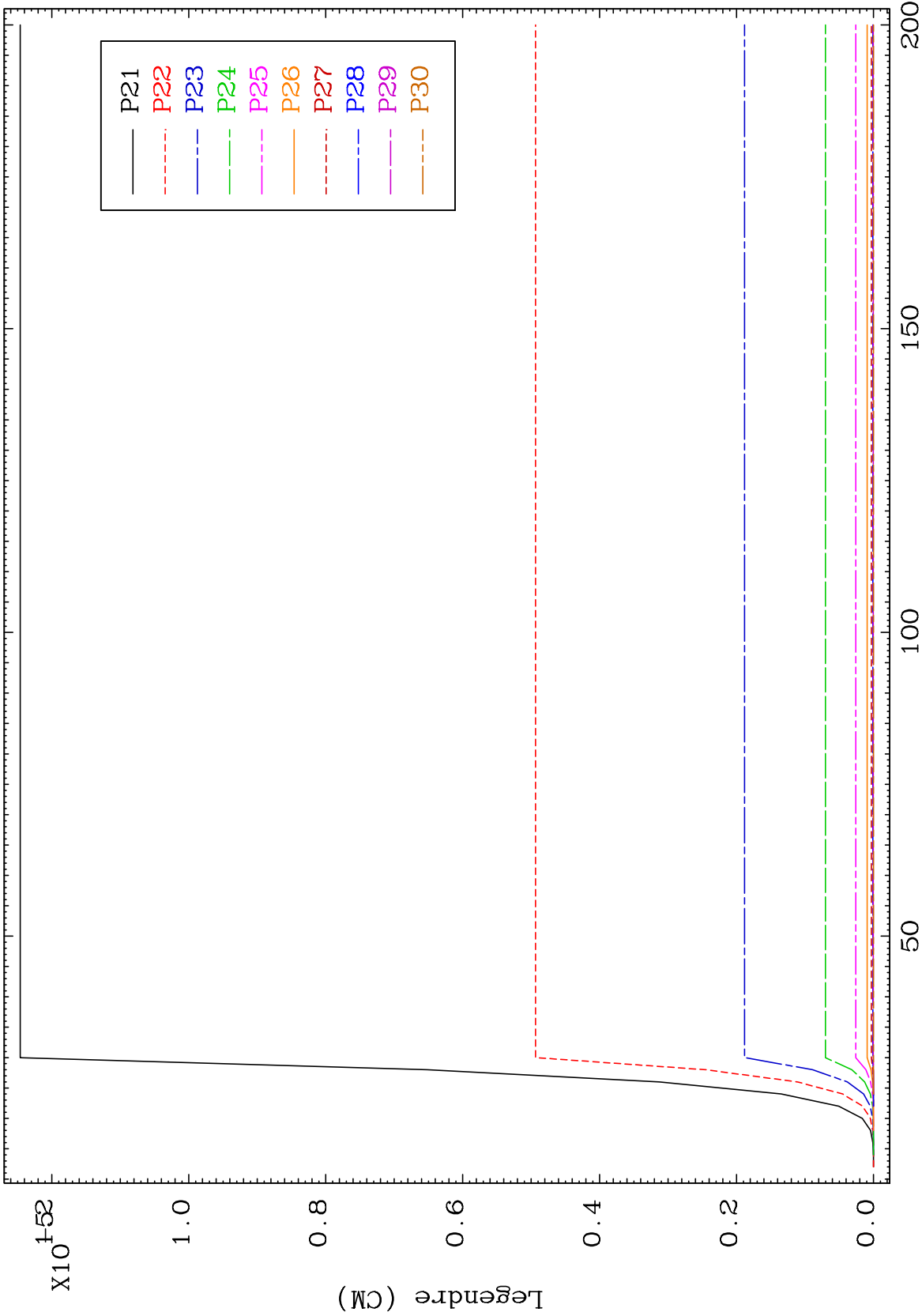
21-Sc-47



MAT 2131

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

21-Sc-47



101

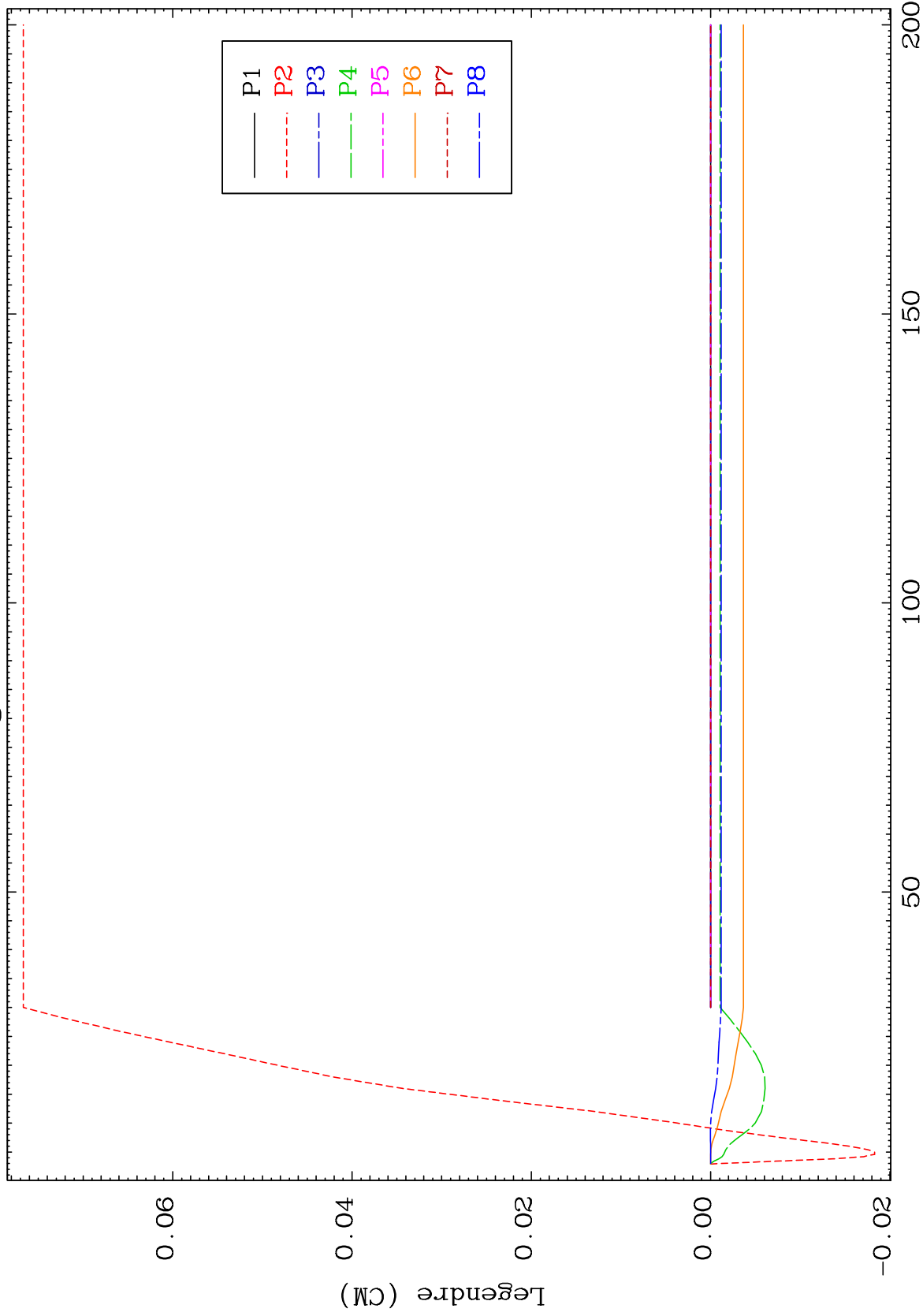
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



102

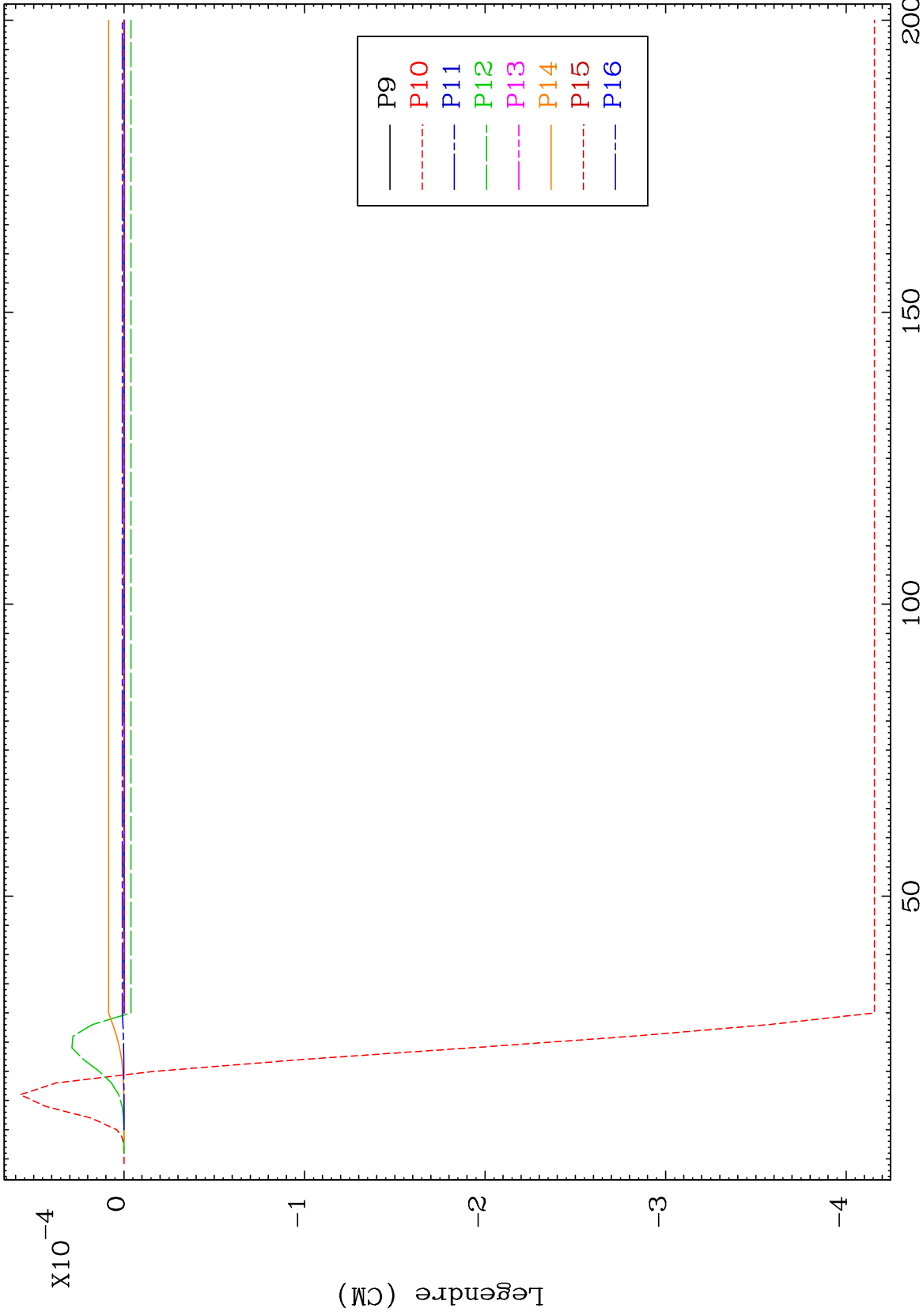
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



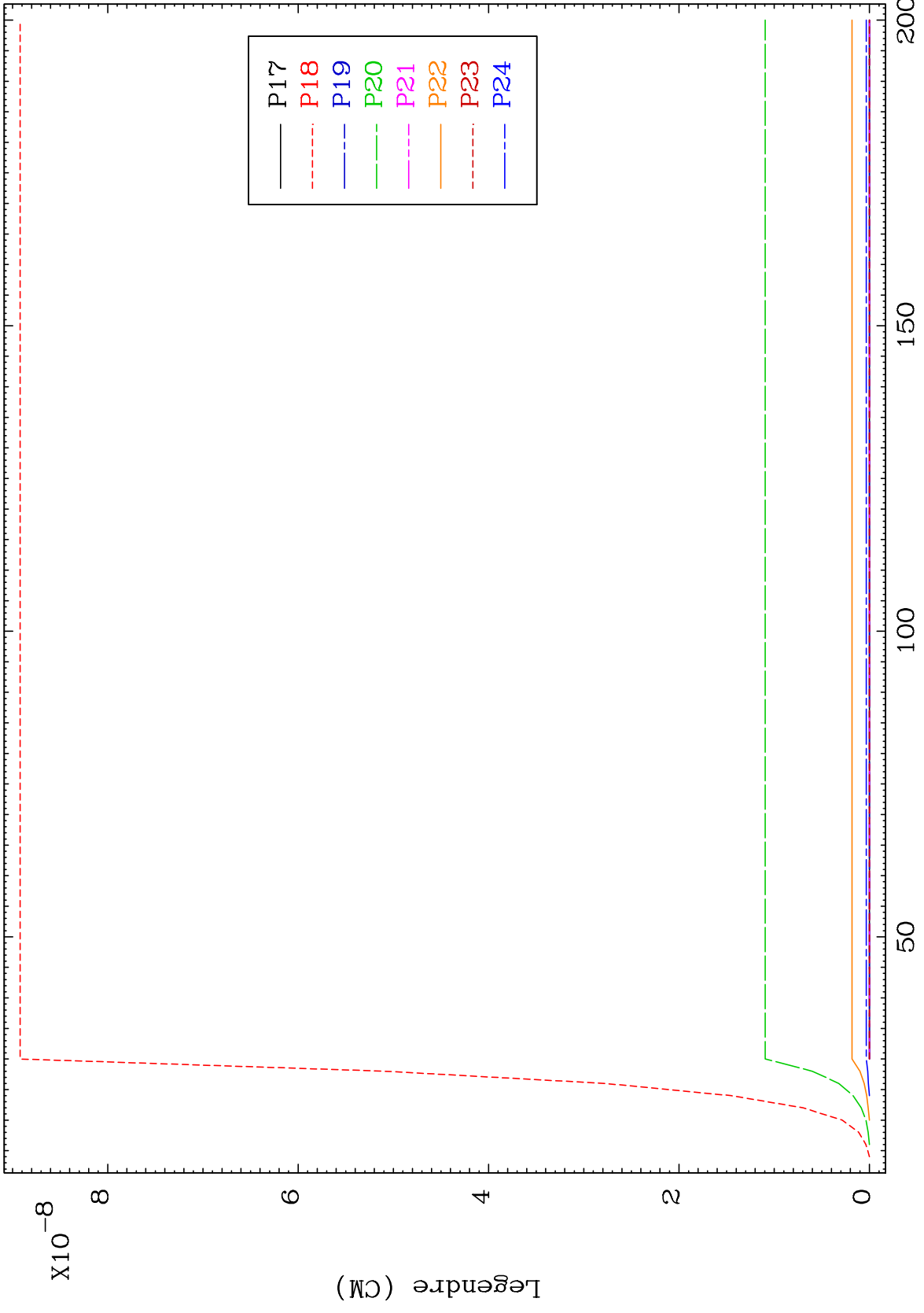
103

Incident Energy (MeV)

21-Sc-47

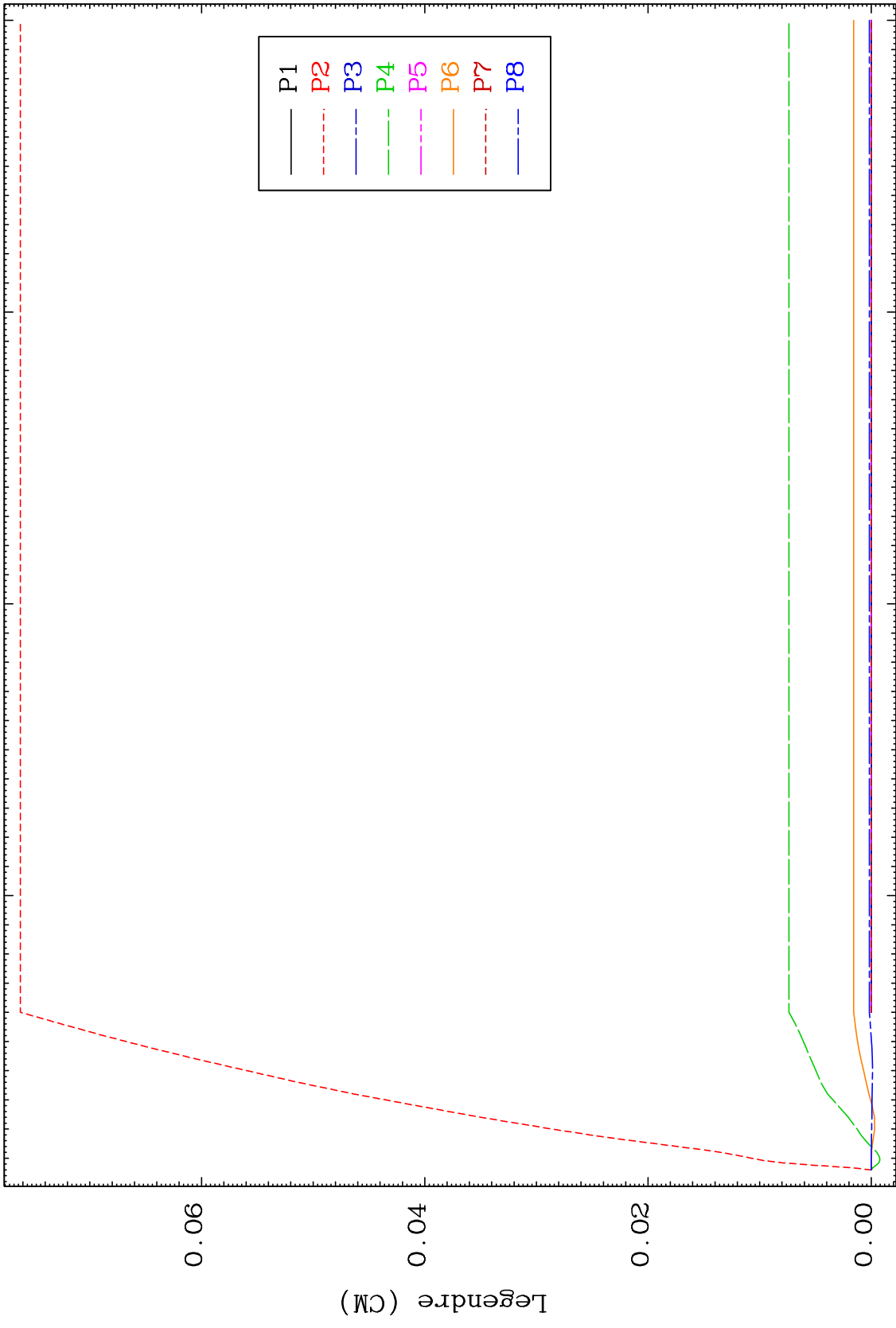


MAT 2131 MT= 79 (n,n') Level Legendre Coefficients 21-Sc-47



104 50 100 150 200 21-Sc-47

MAT 2131 MT= 80 (n,n') Level Legendre Coefficients 21-Sc-47

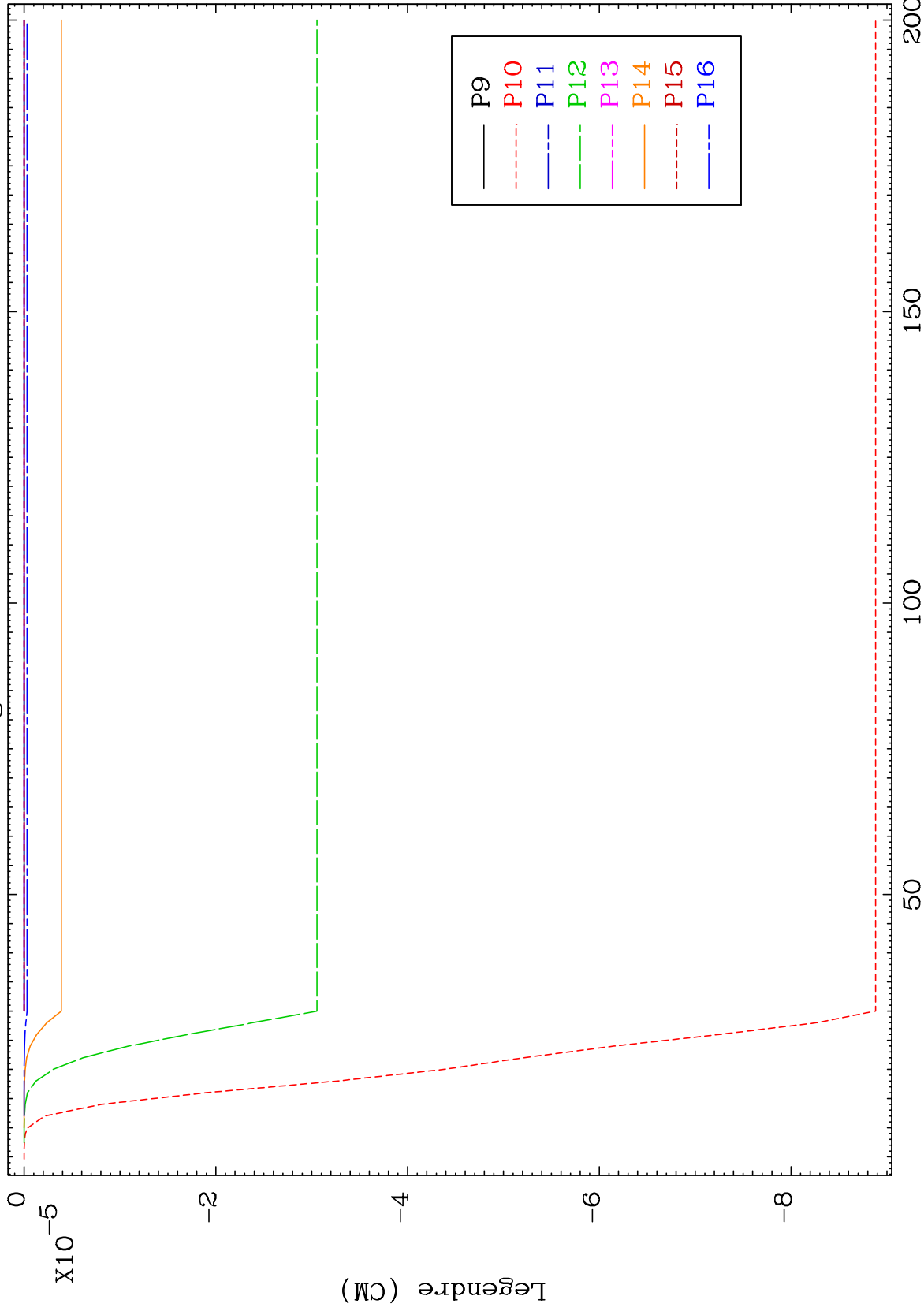


Incident Energy (MeV) 21-Sc-47

MAT 2131

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

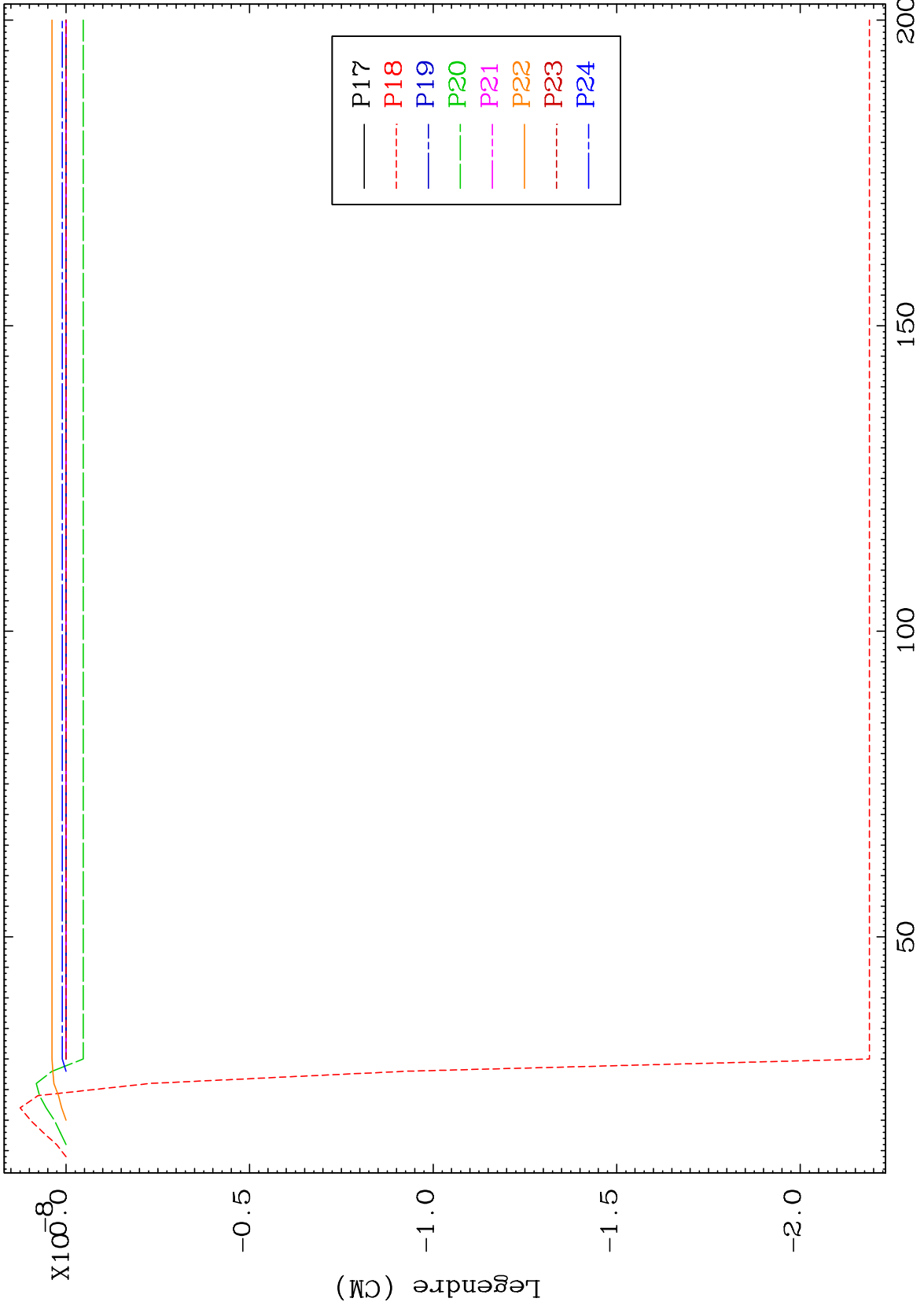
21-Sc-47



106

21-Sc-47

MAT 2131 MT= 80 (n,n') Level Legendre Coefficients 21-Sc-47

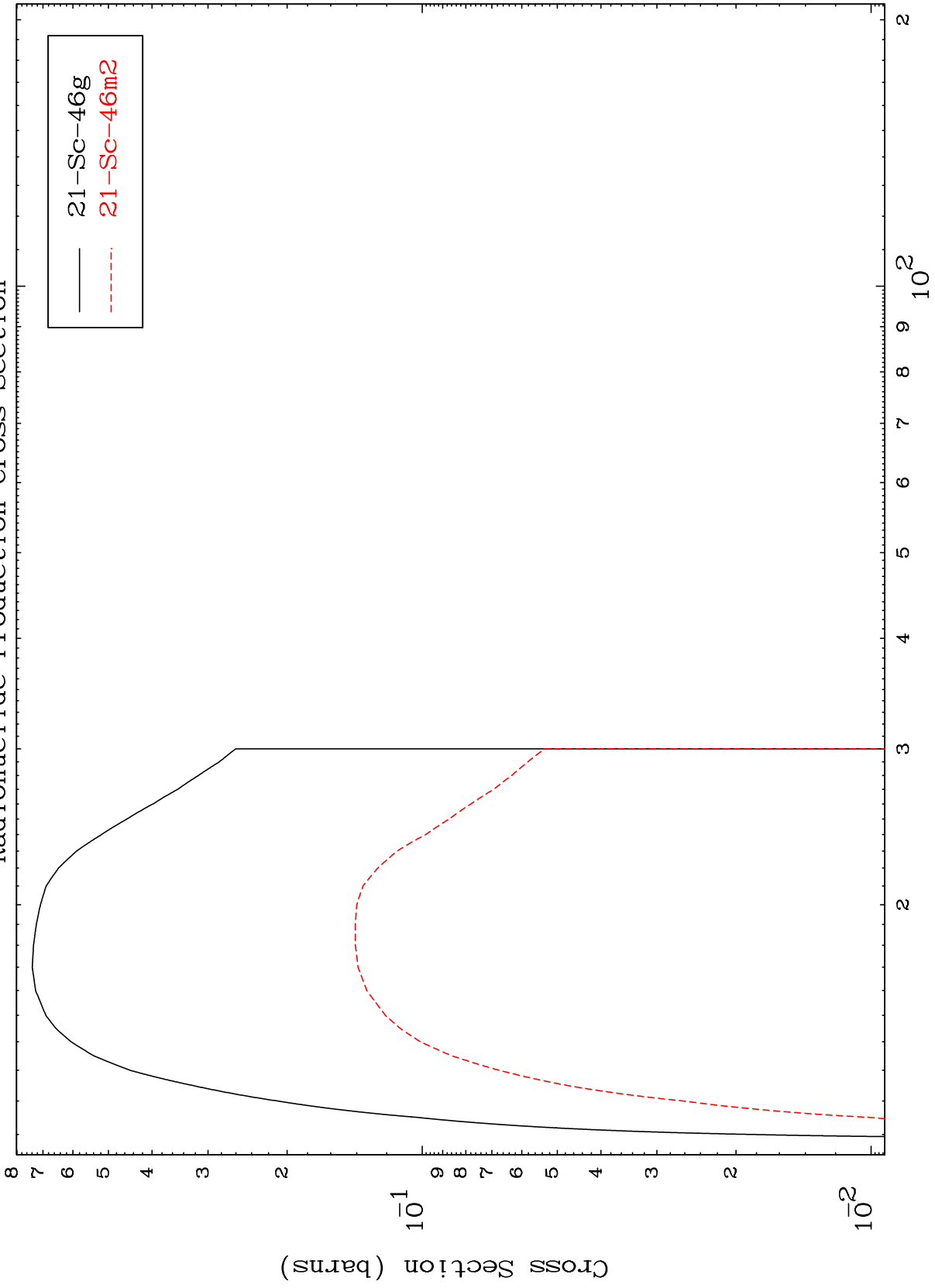


107 21-Sc-47

MAT 2131

21-Sc-47

(n,2n)  
Radionuclide Production Cross Section



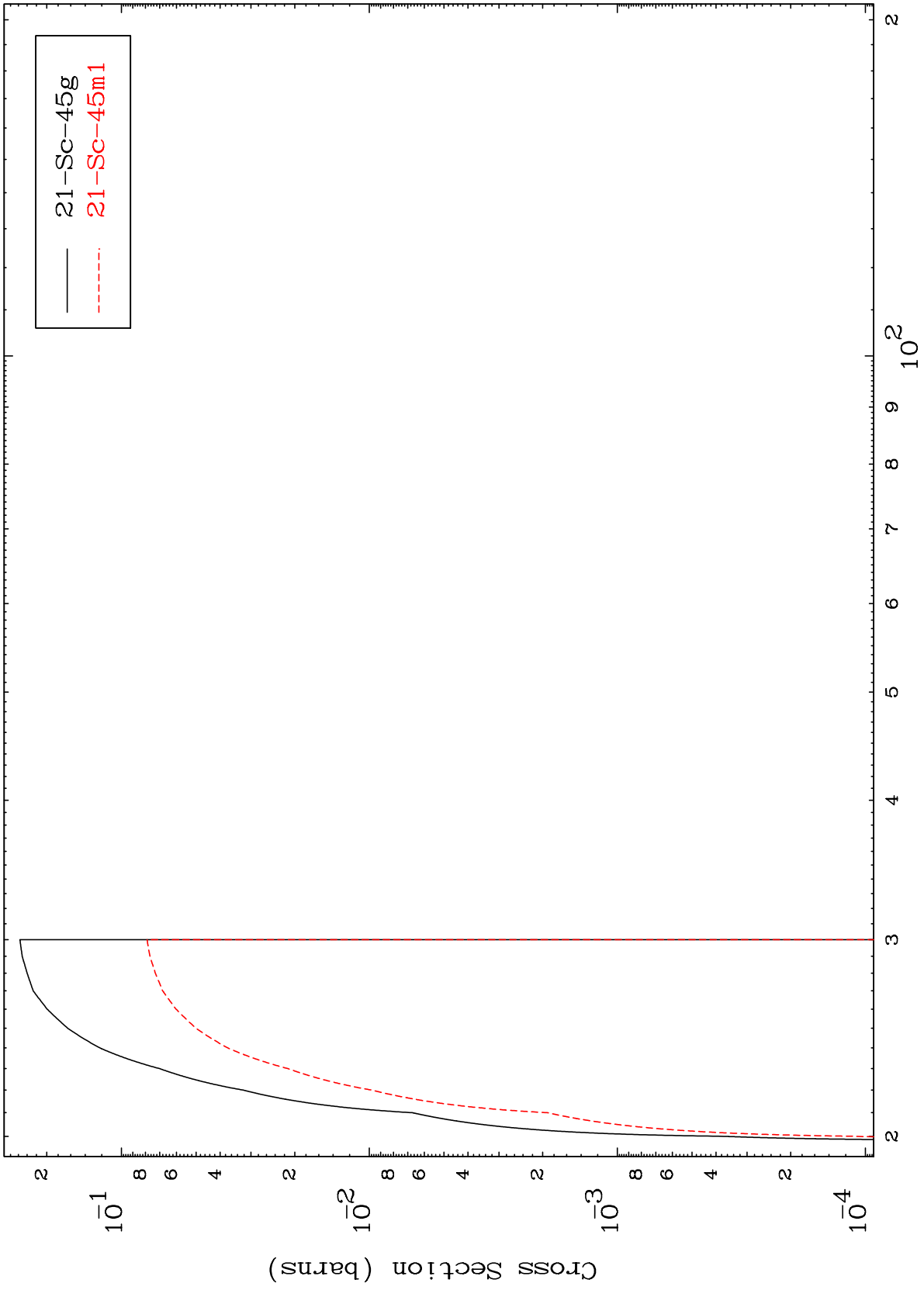
108

21-Sc-47

MAT 2131

21-Sc-47

(n,3n)  
Radionuclide Production Cross Section



109

21-Sc-47