

Program EVALPLOT  
(Version 2018-1)

by

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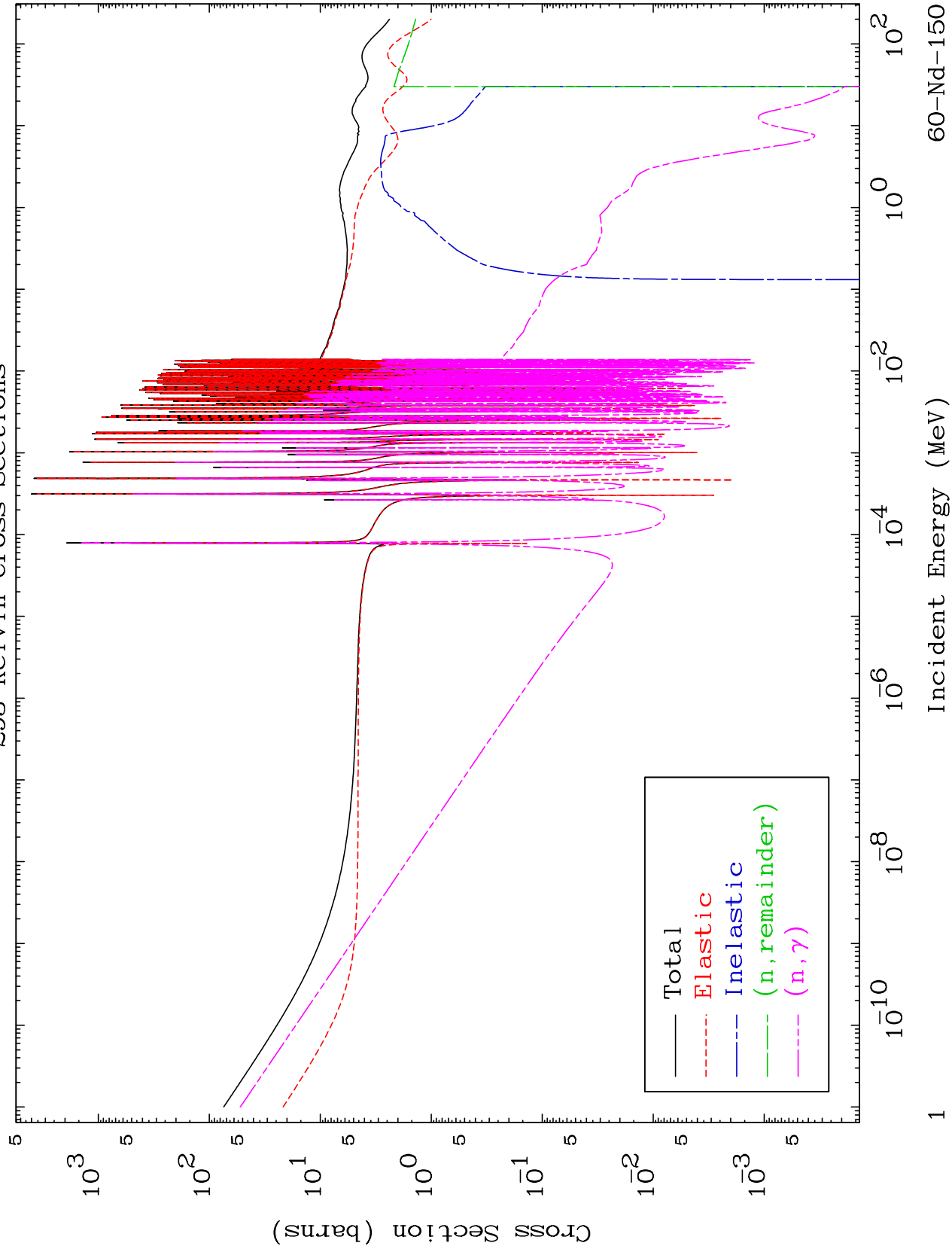
Press Mouse Button to Start

MAT 6049

Major

293 Kelvin Cross Sections

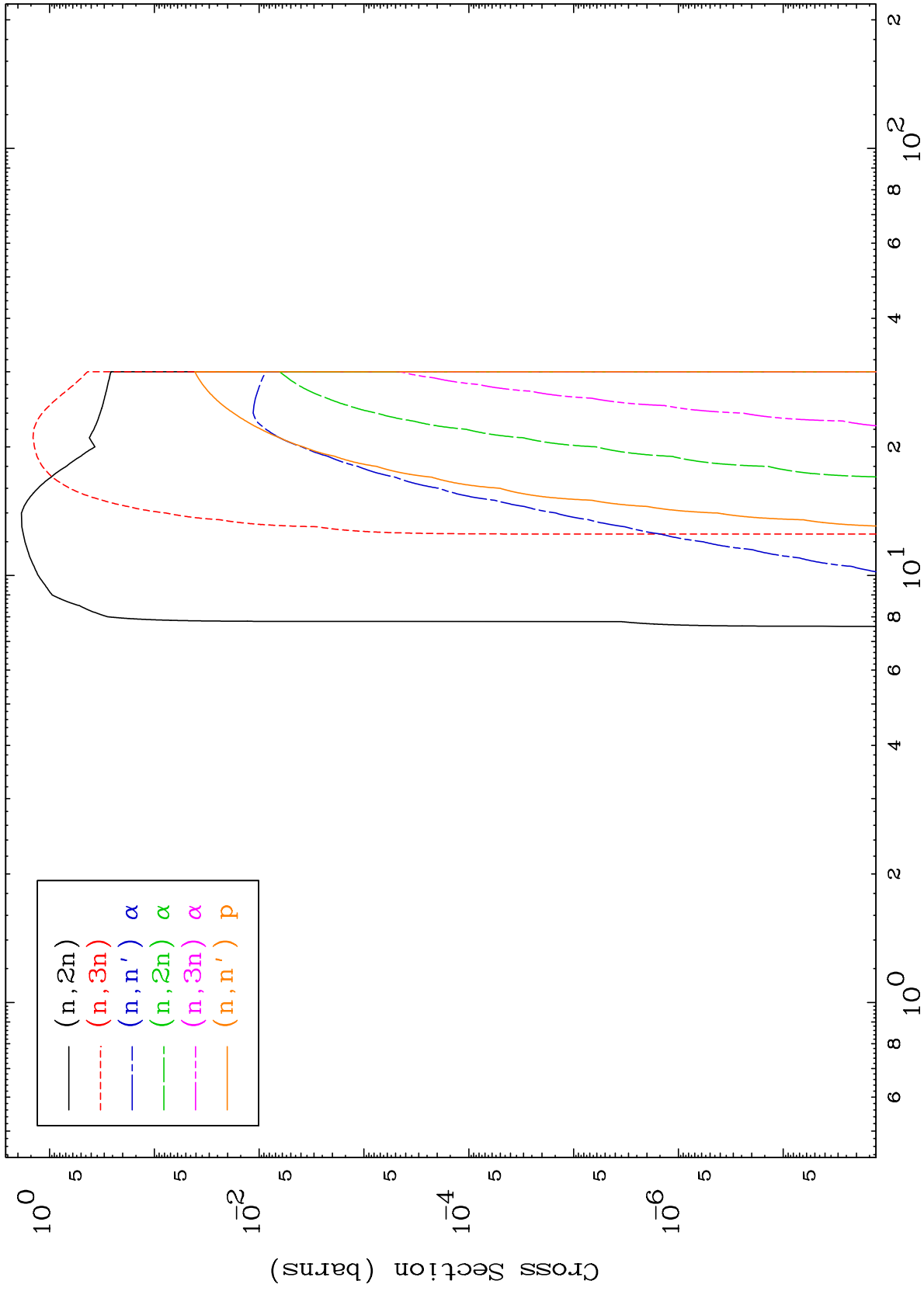
60-Nd-150



MAT 6049

Neutron Production  
293 Kelvin Cross Sections

60-Nd-150



2

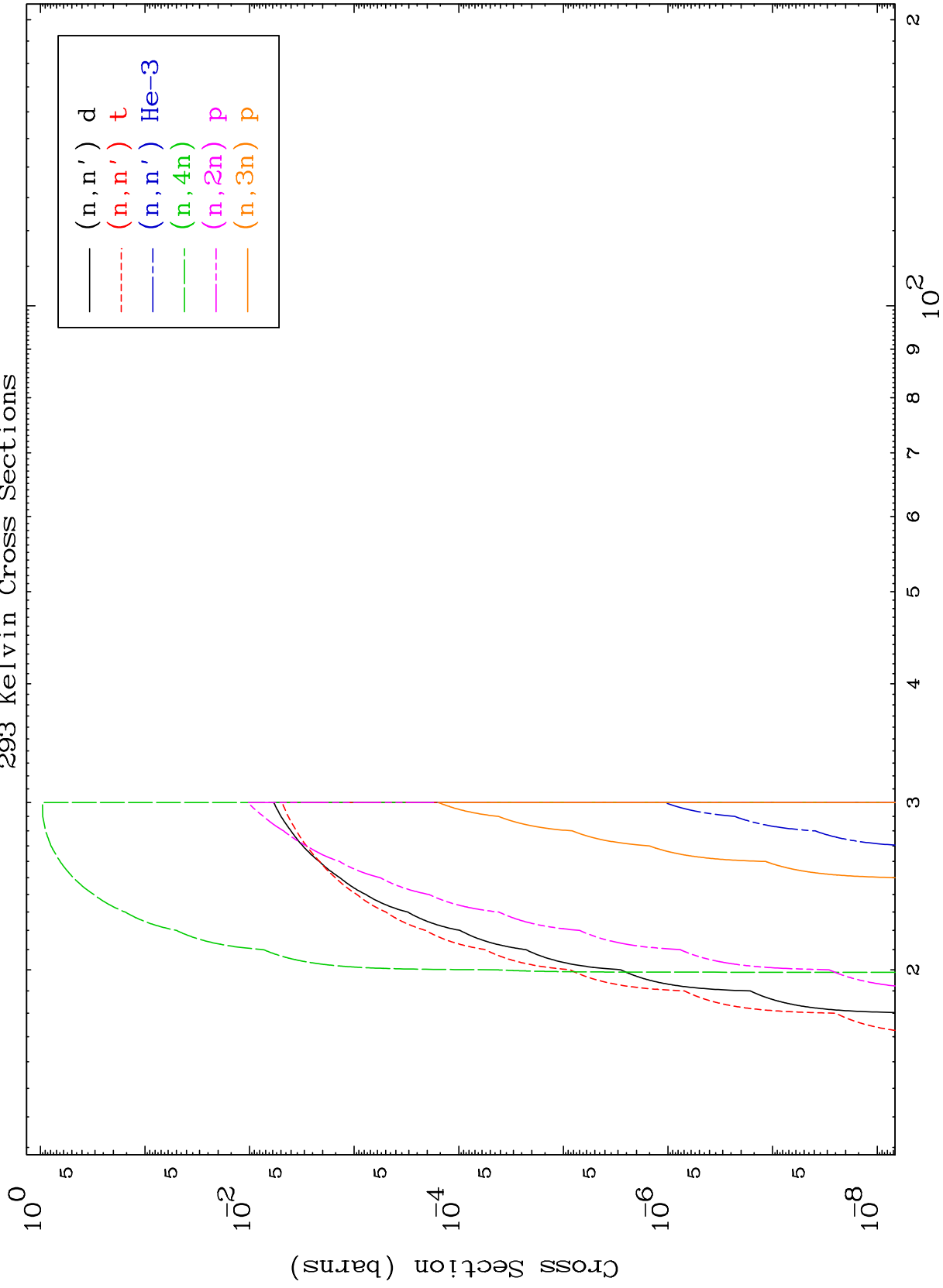
Incident Energy (MeV)

60-Nd-150

MAT 6049

Neutron Production  
293 Kelvin Cross Sections

60-Nd-150



3

Incident Energy (MeV)

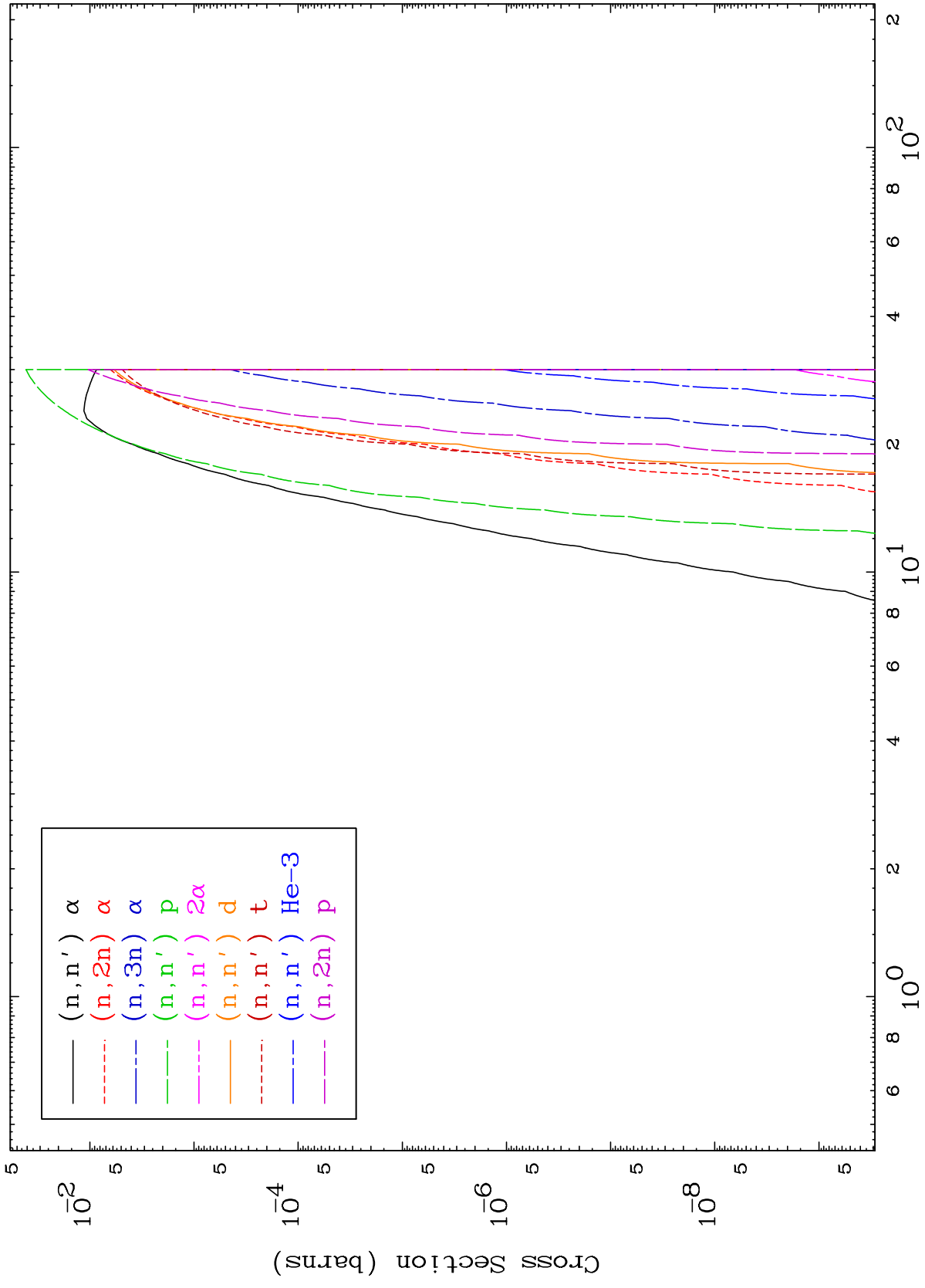
60-Nd-150

MAT 6049

Charged Particle

60-Nd-150

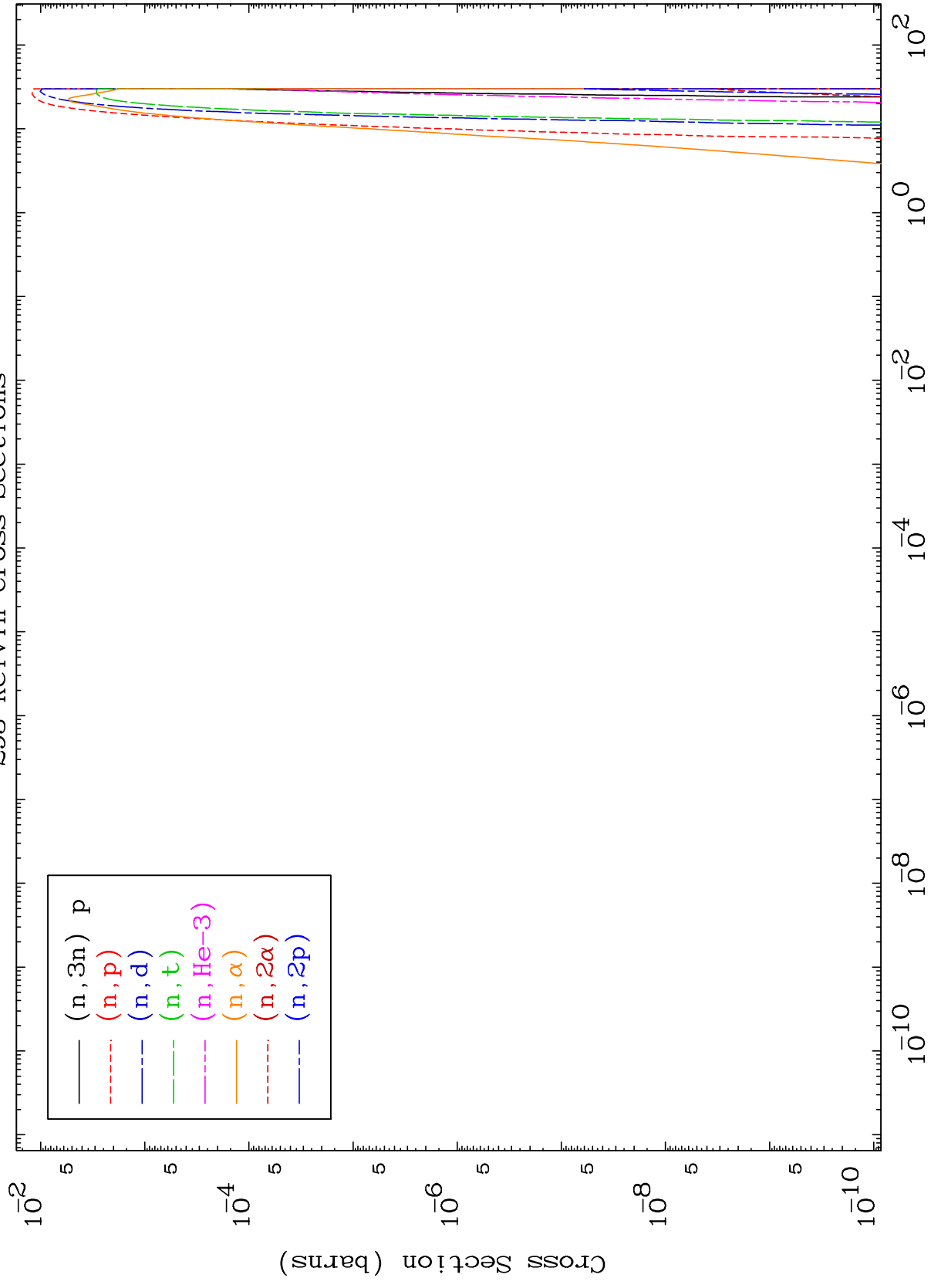
293 Kelvin Cross Sections



MAT 6049

Charged Particle  
293 Kelvin Cross Sections

60-Nd-150

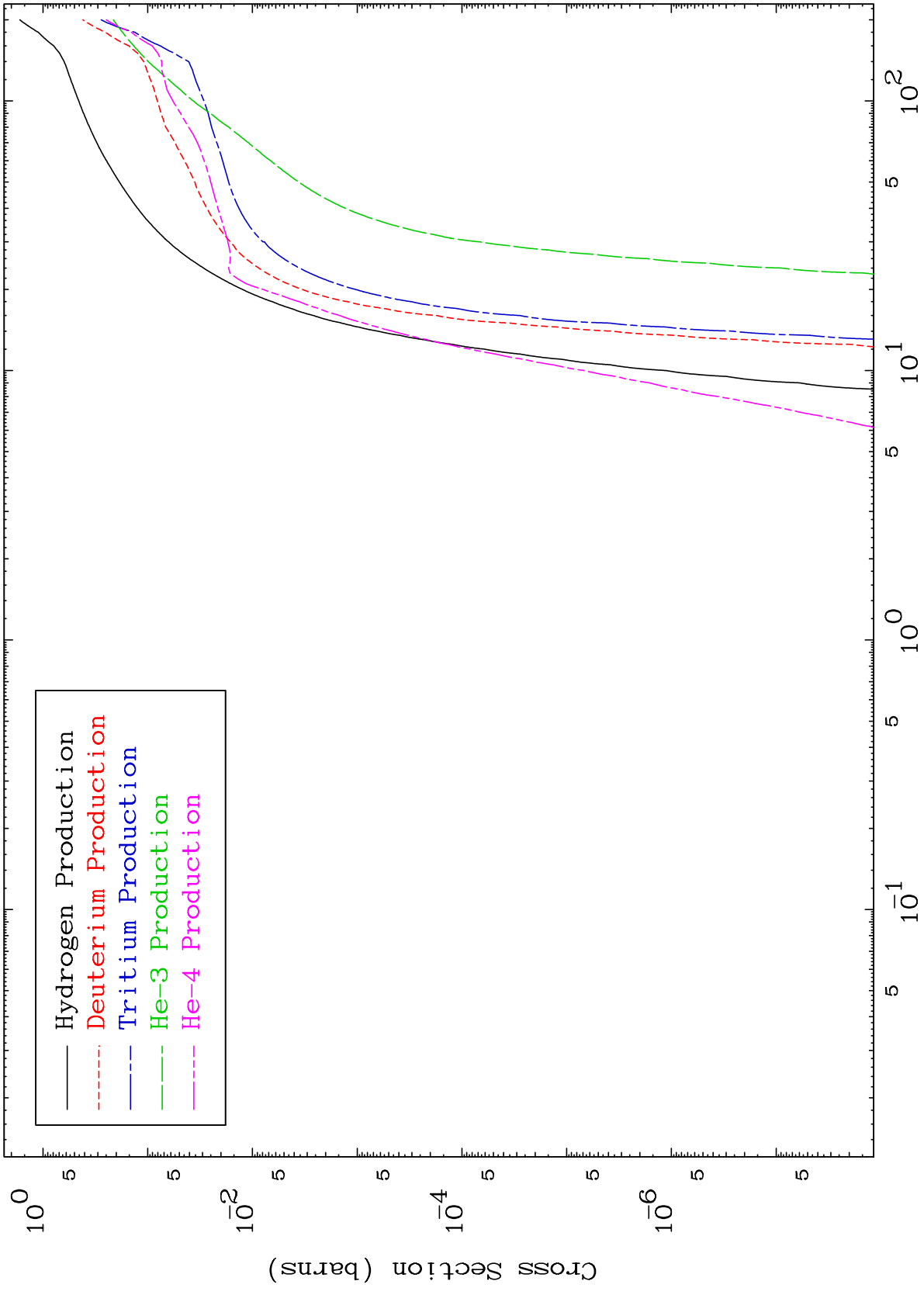


60-Nd-150

MAT 6049

Particle Production  
293 Kelvin Cross Sections

60-Nd-150



6

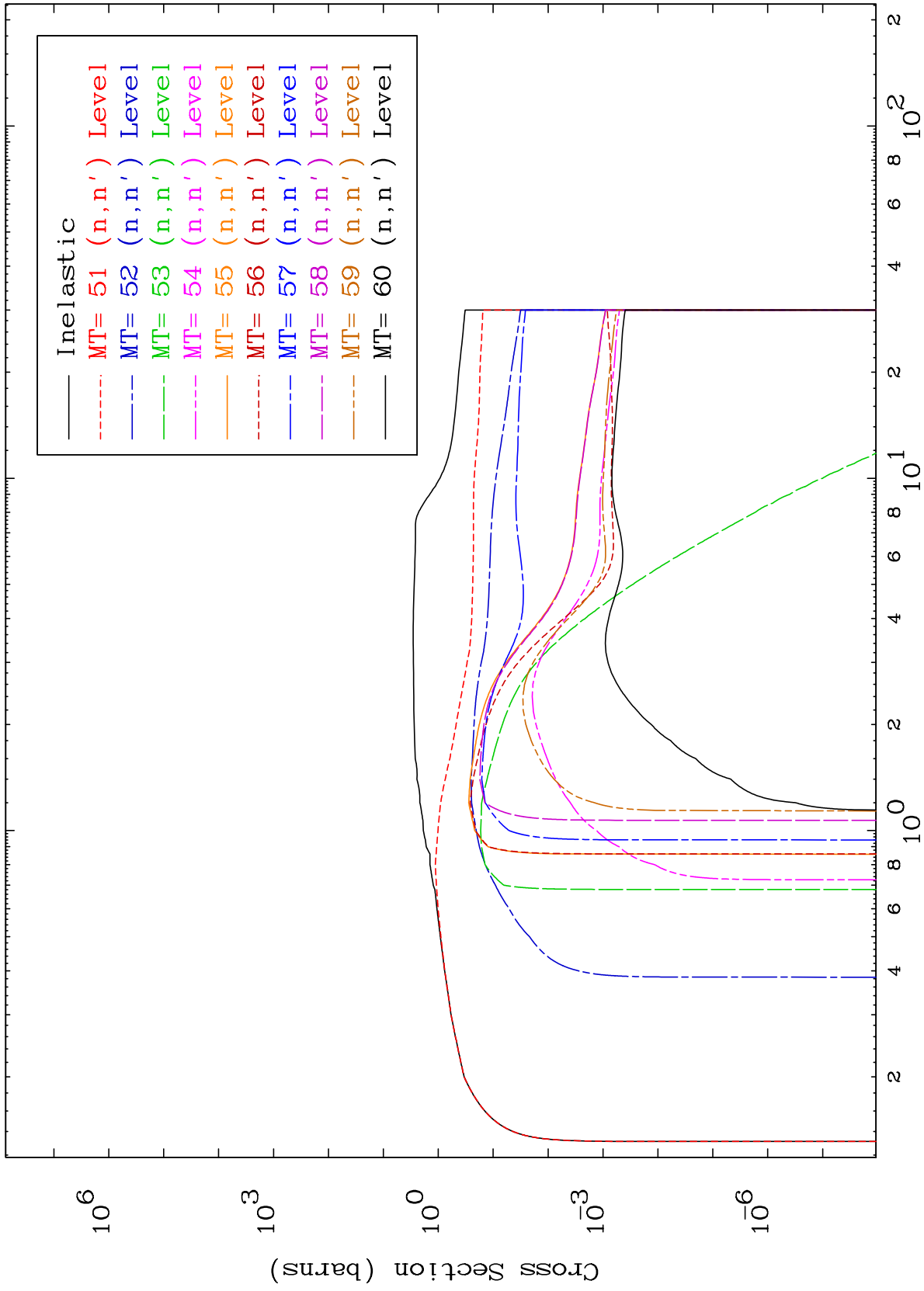
60-Nd-150

MAT 6049

(n,n') Level

60-Nd-150

293 Kelvin Cross Sections



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Incident Energy (MeV)

60-Nd-150

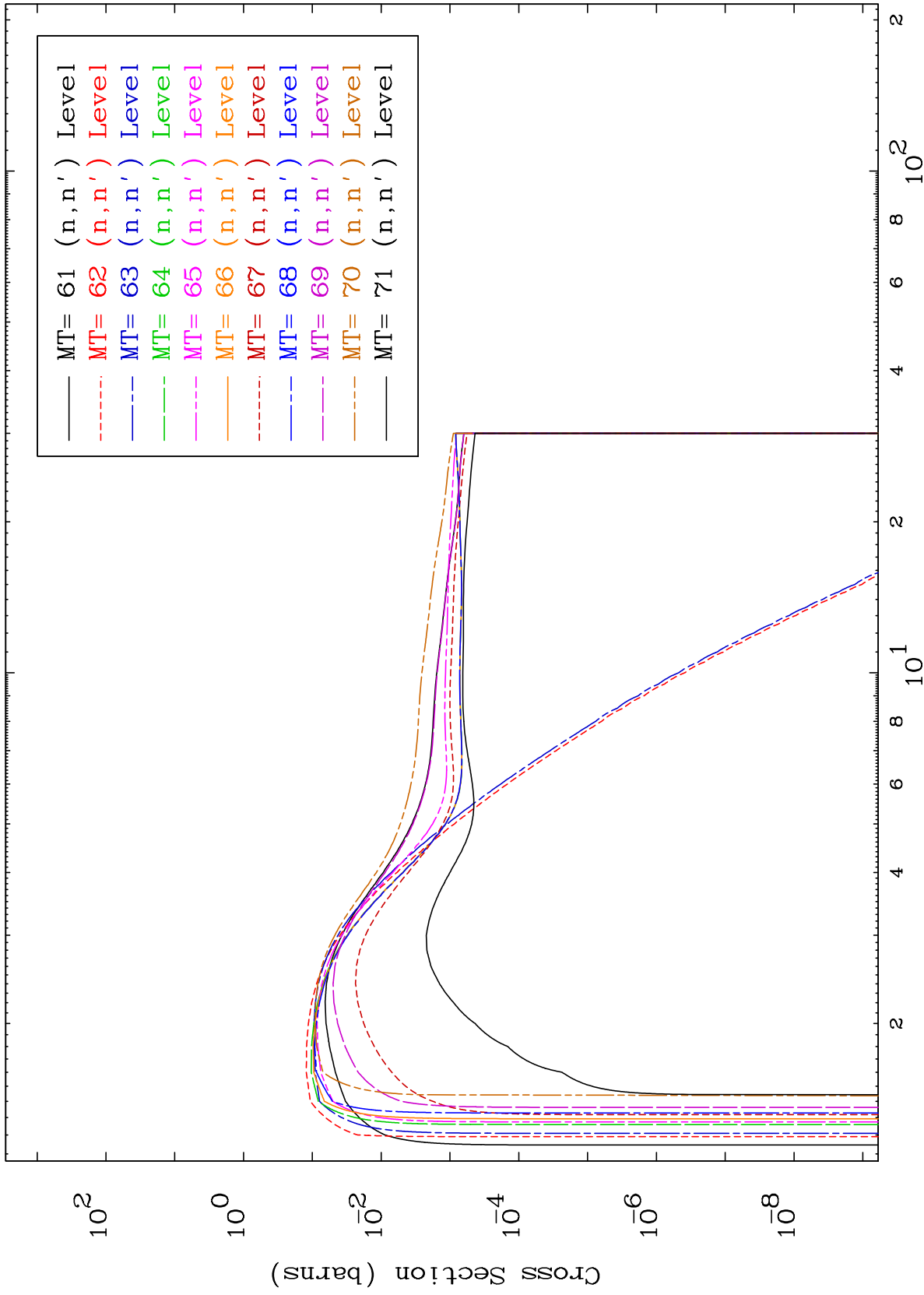


MAT 6049

(n,n') Level

60-Nd-150

293 Kelvin Cross Sections



8

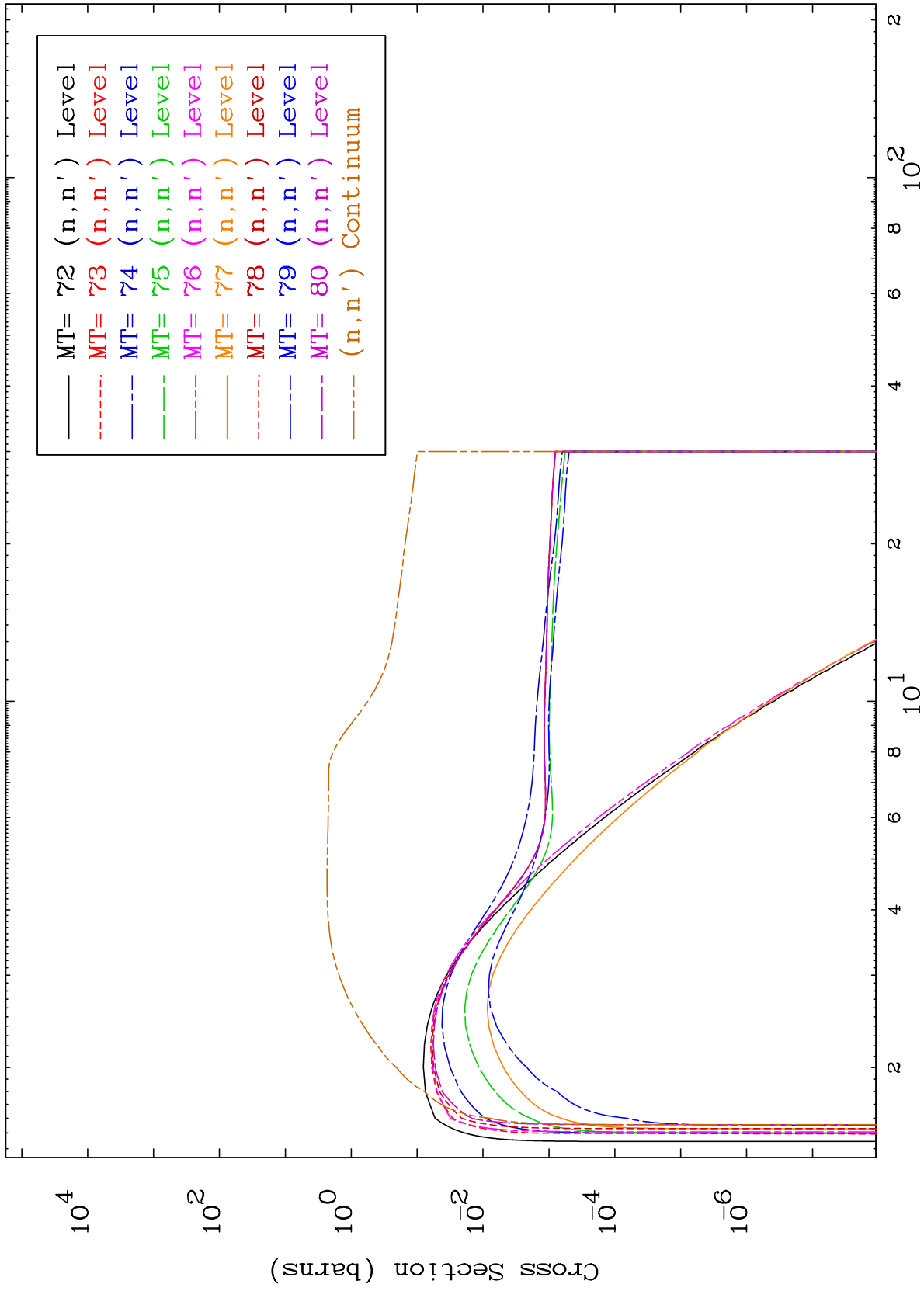
Incident Energy (MeV)

60-Nd-150

MAT 6049

(n,n') Level  
293 Kelvin Cross Sections

60-Nd-150



9

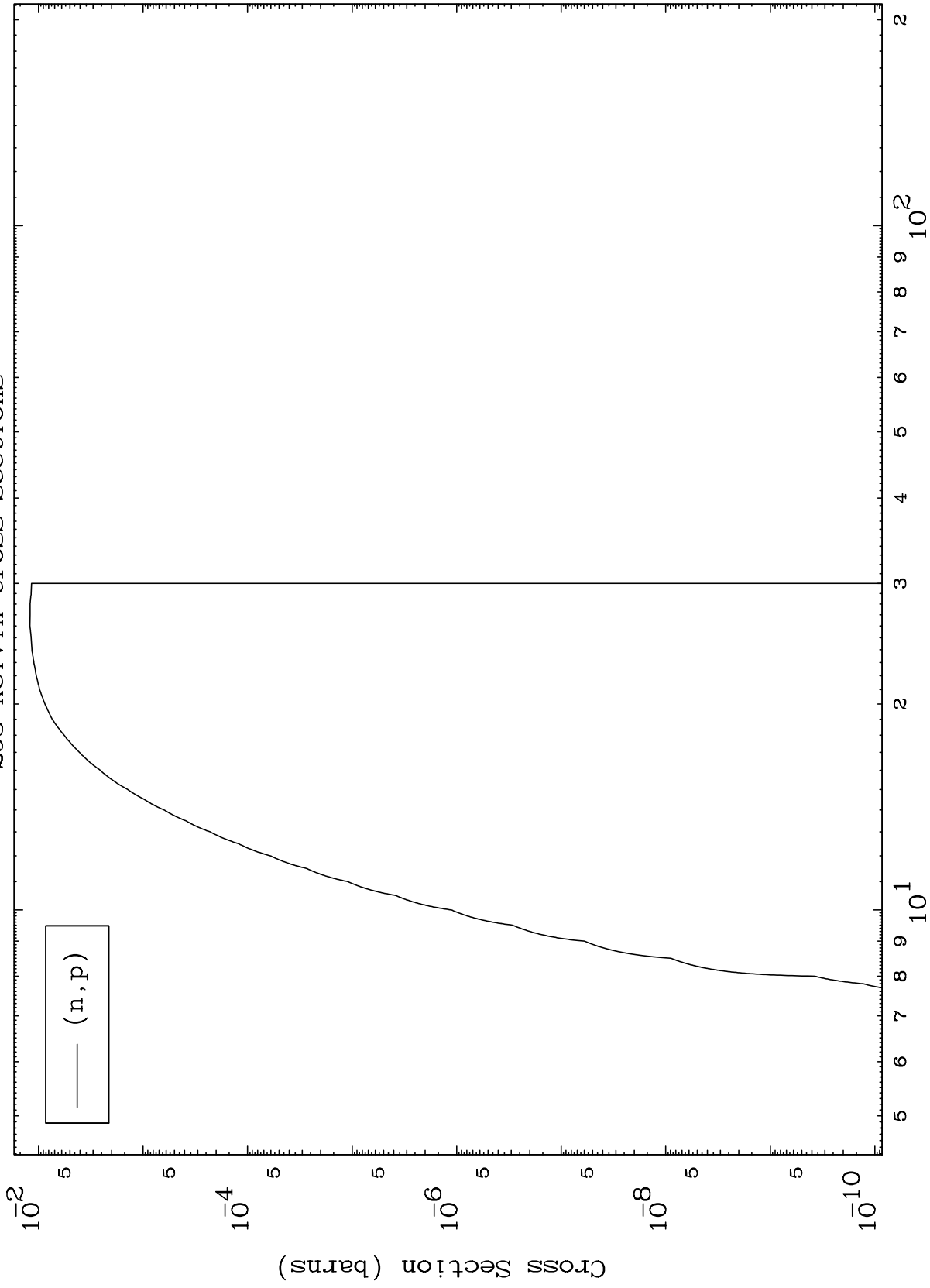
Incident Energy (MeV)

60-Nd-150

MAT 6049

(n,p) Levels  
293 Kelvin Cross Sections

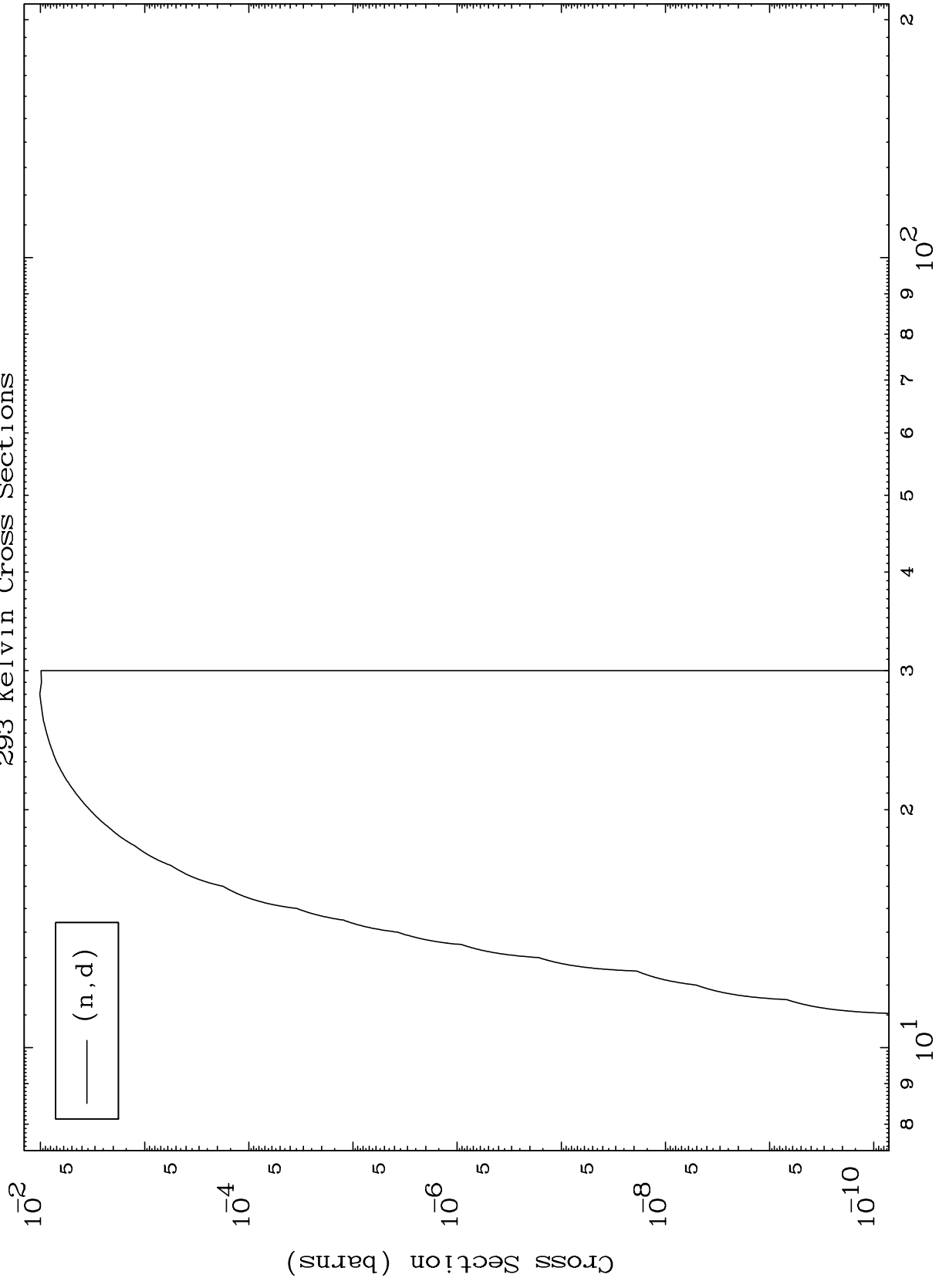
60-Nd-150



MAT 6049

(n,d) Levels  
293 Kelvin Cross Sections

60-Nd-150



11

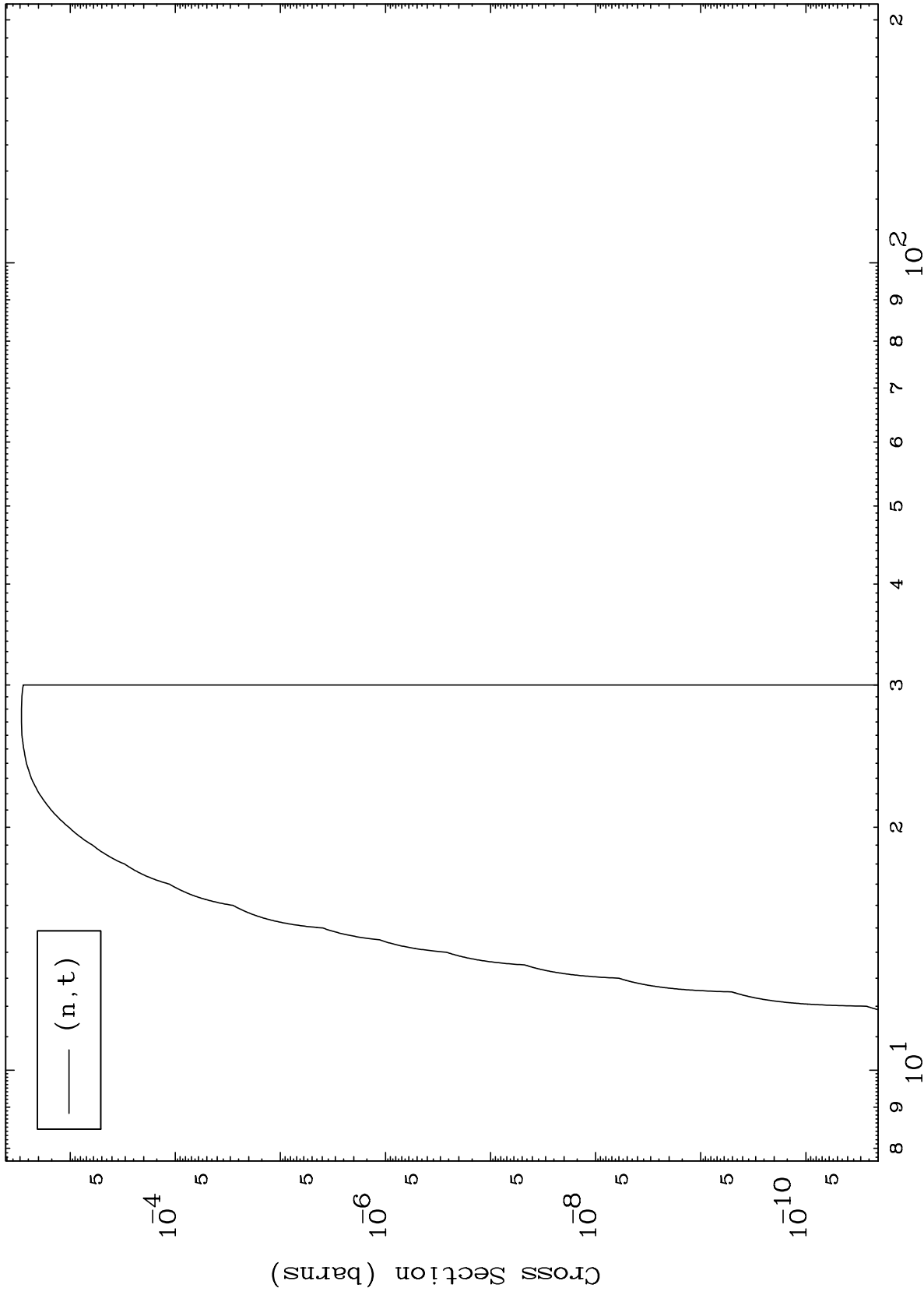
Incident Energy (MeV)

60-Nd-150

MAT 6049

(n,t) Levels  
293 Kelvin Cross Sections

60-Nd-150



12

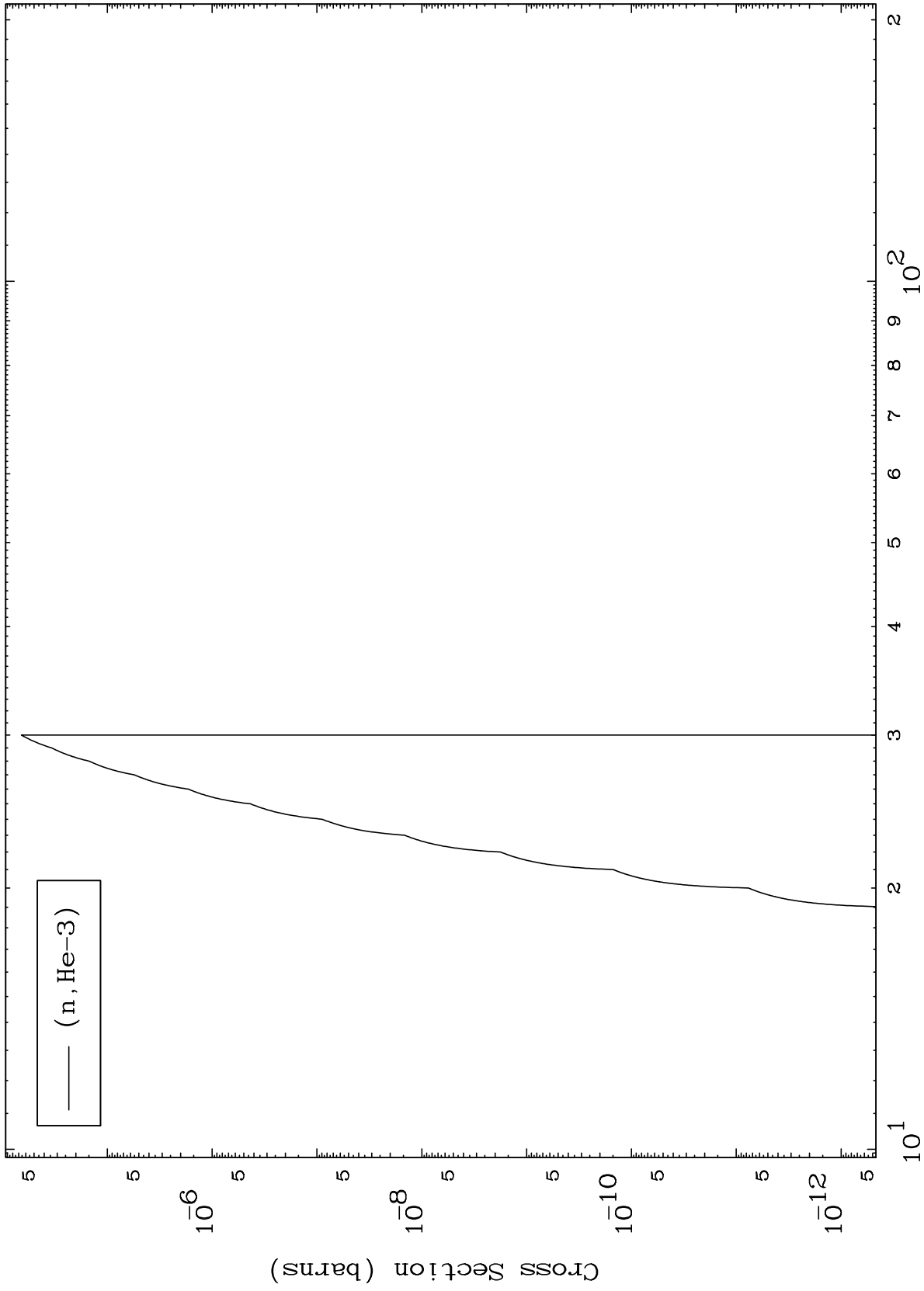
Incident Energy (MeV)

60-Nd-150

MAT 6049

(n,He3) Levels  
293 Kelvin Cross Sections

60-Nd-150



13

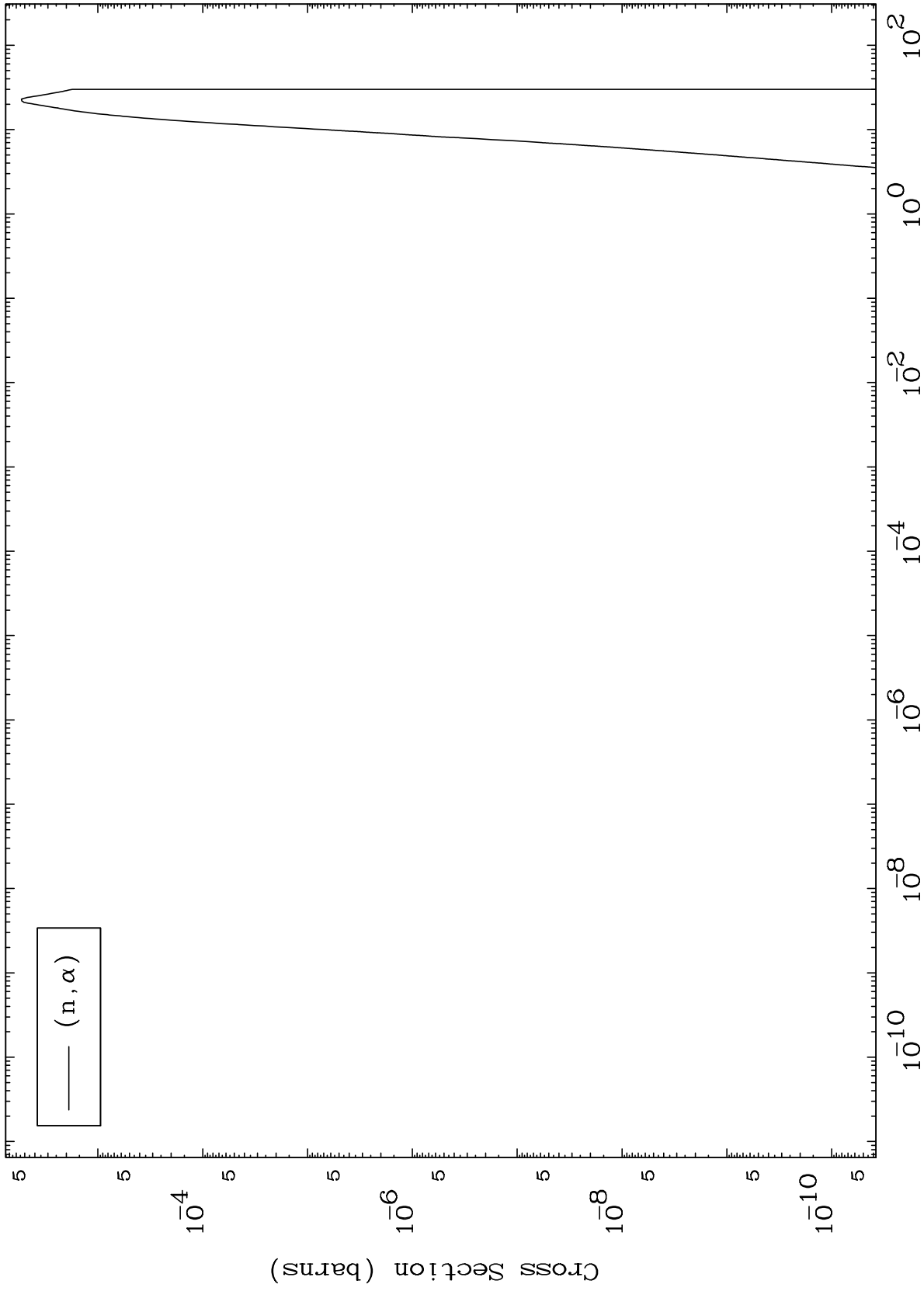
Incident Energy (MeV)

60-Nd-150

MAT 6049

(n,α) Levels  
293 Kelvin Cross Sections

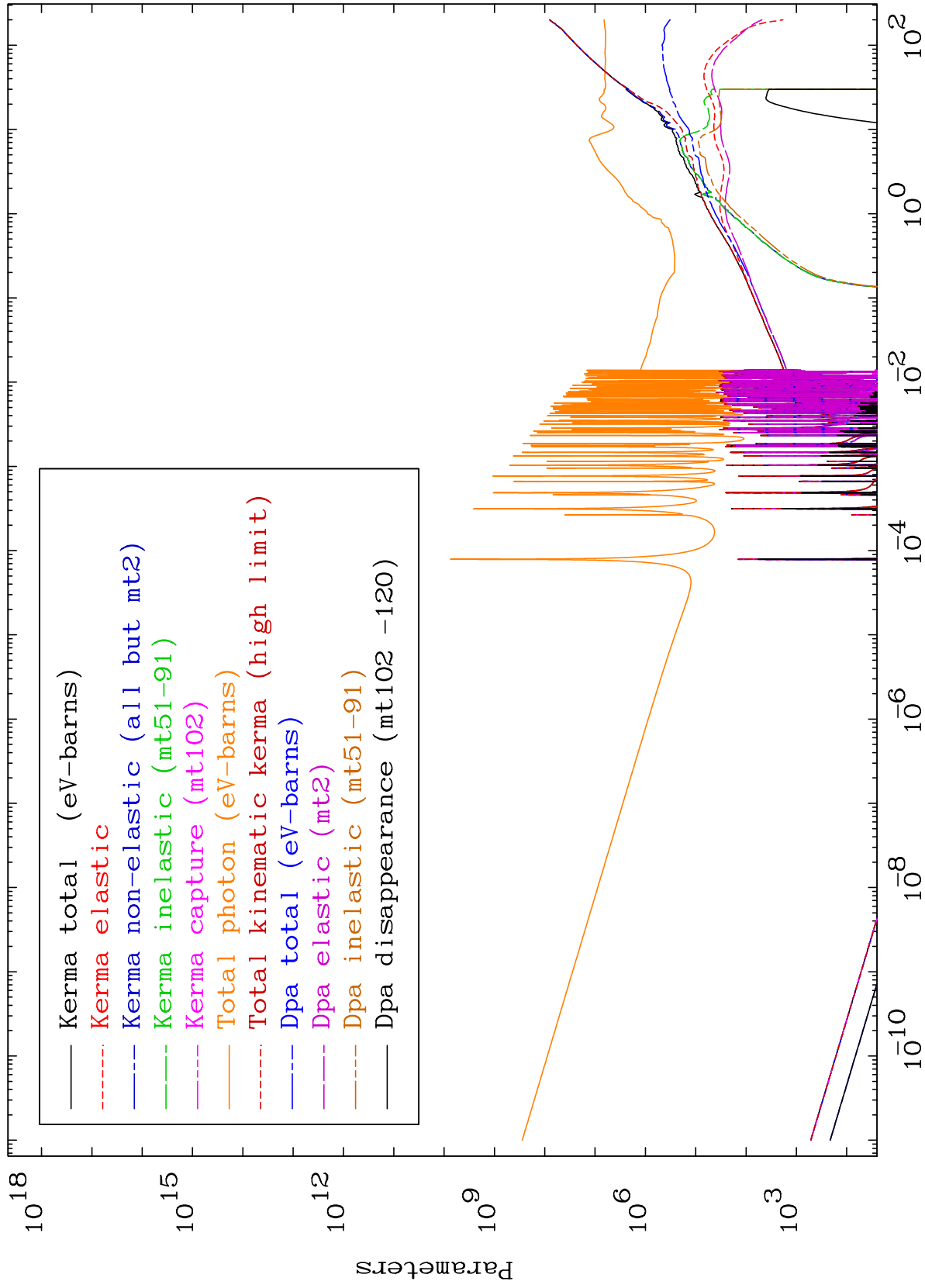
60-Nd-150



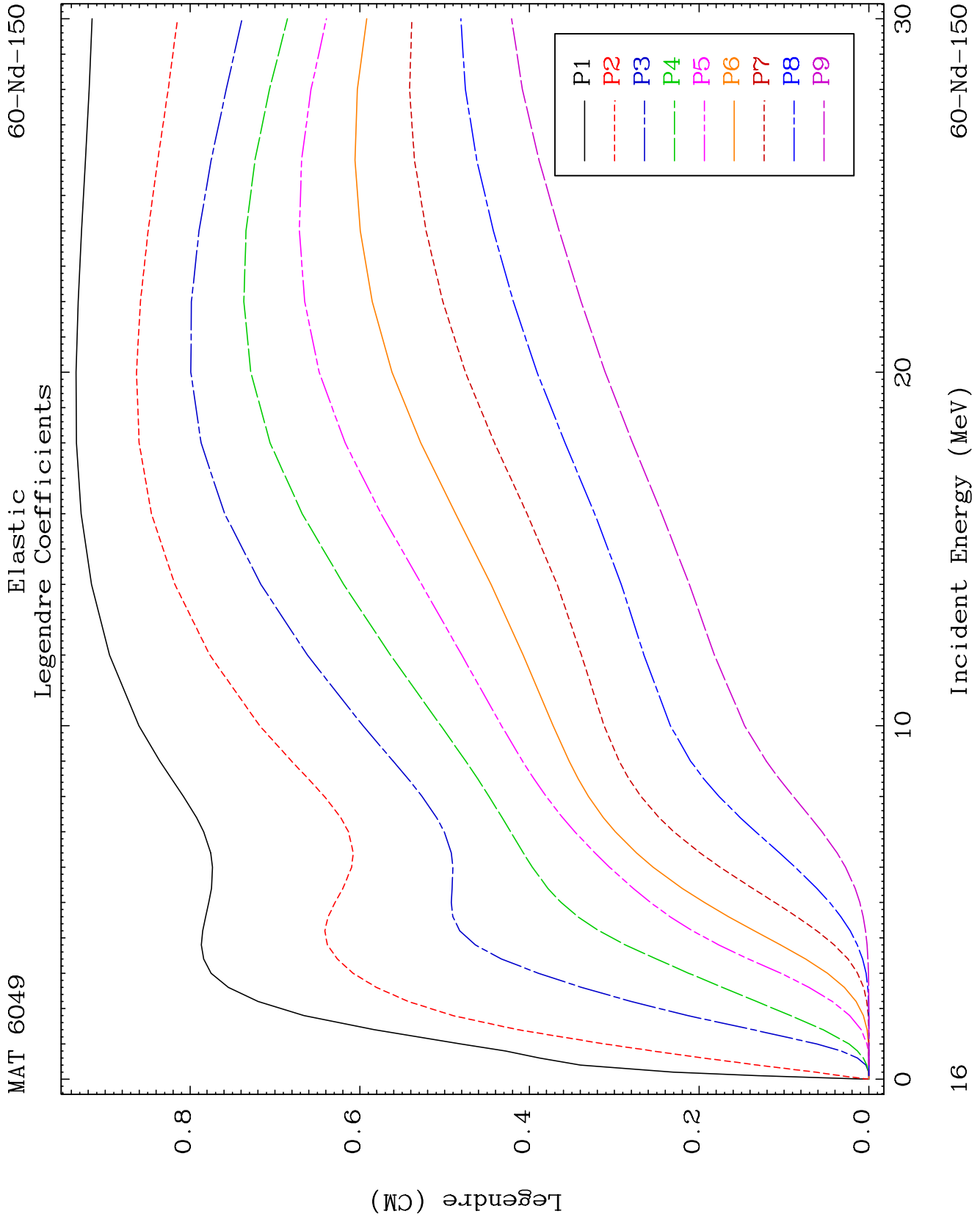
MAT 6049

Energy Release  
Parameters

60-Nd-150







MAT 6049

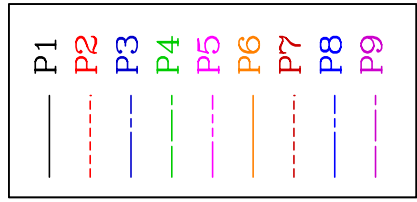
60-Nd-150

Elastic Legendre Coefficients

60-Nd-150

Incident Energy (MeV)

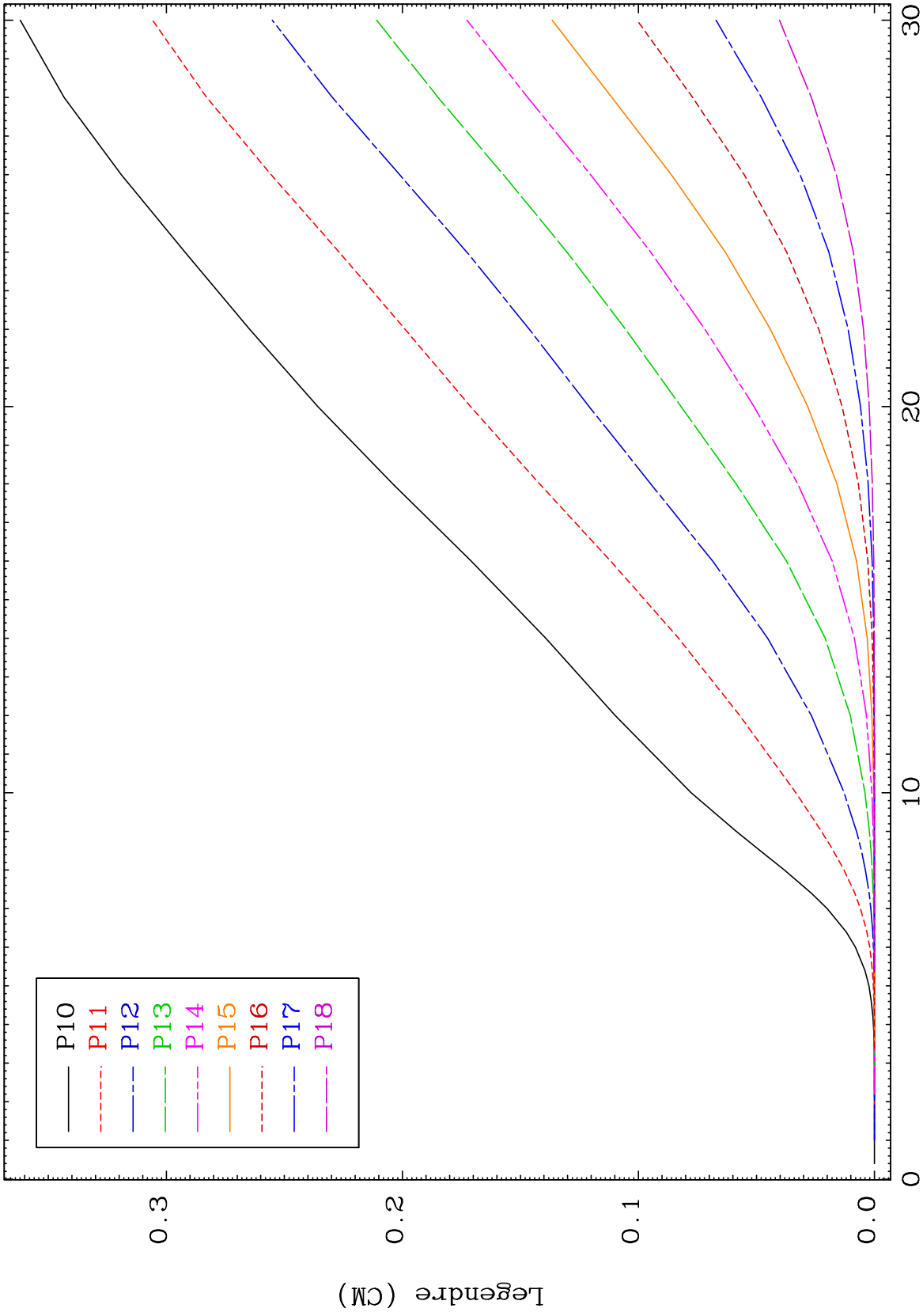
Legendre (CM)



MAT 6049

Elastic Legendre Coefficients

60-Nd-150



17

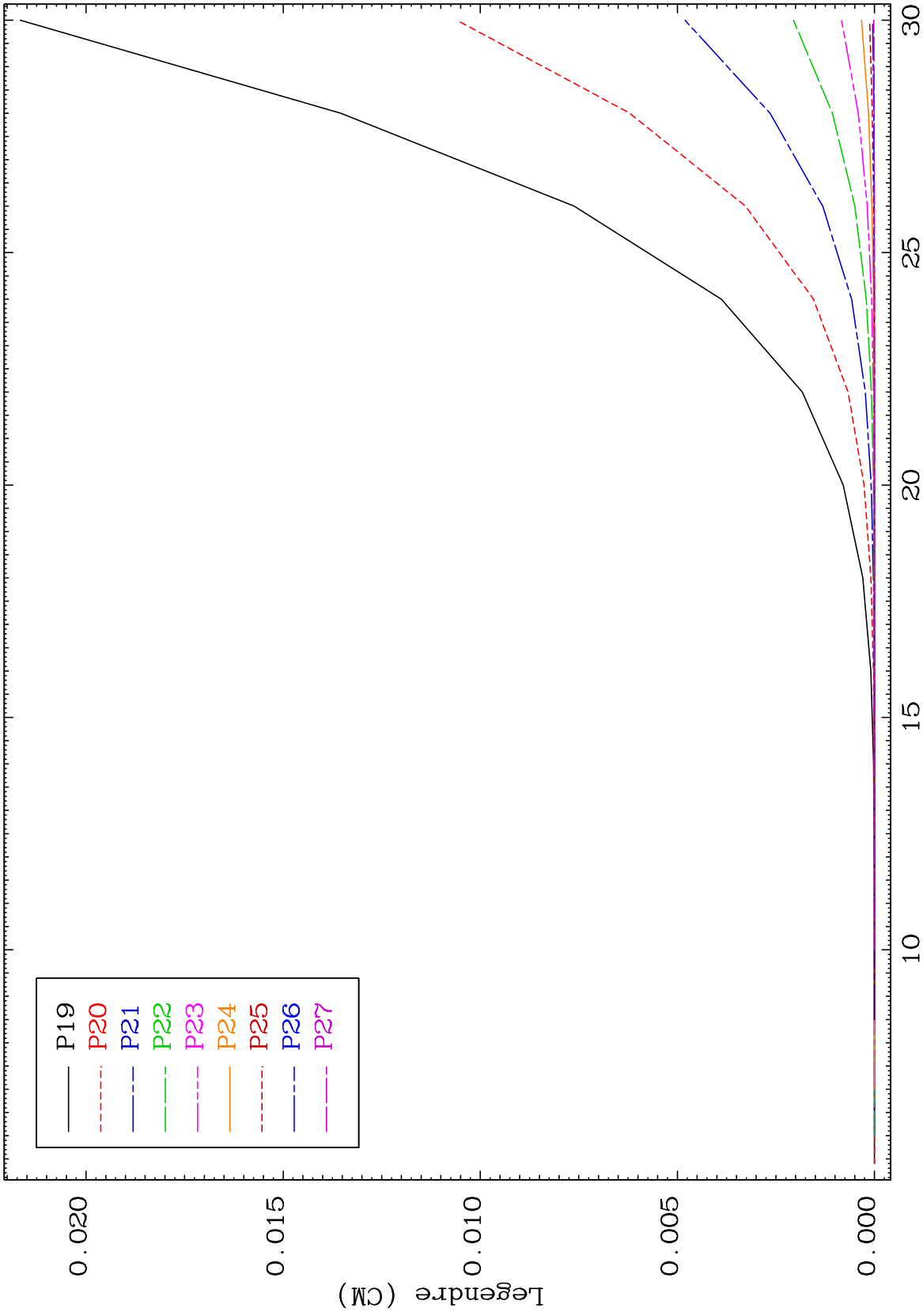
Incident Energy (MeV)

60-Nd-150

MAT 6049

Elastic Legendre Coefficients

60-Nd-150



18

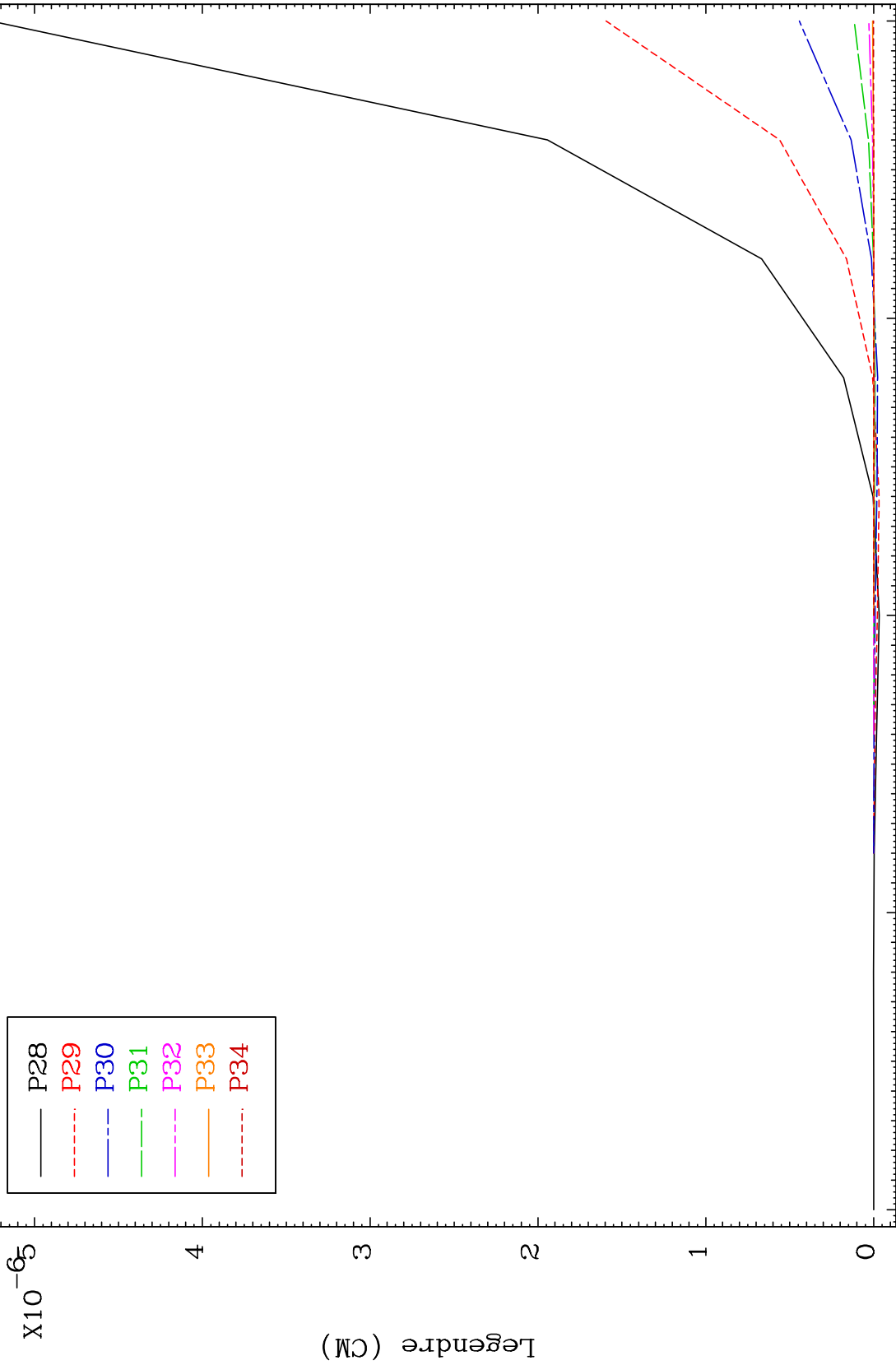
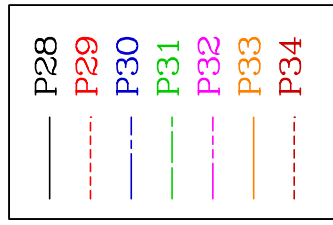
Incident Energy (MeV)

60-Nd-150

MAT 6049

Elastic Legendre Coefficients

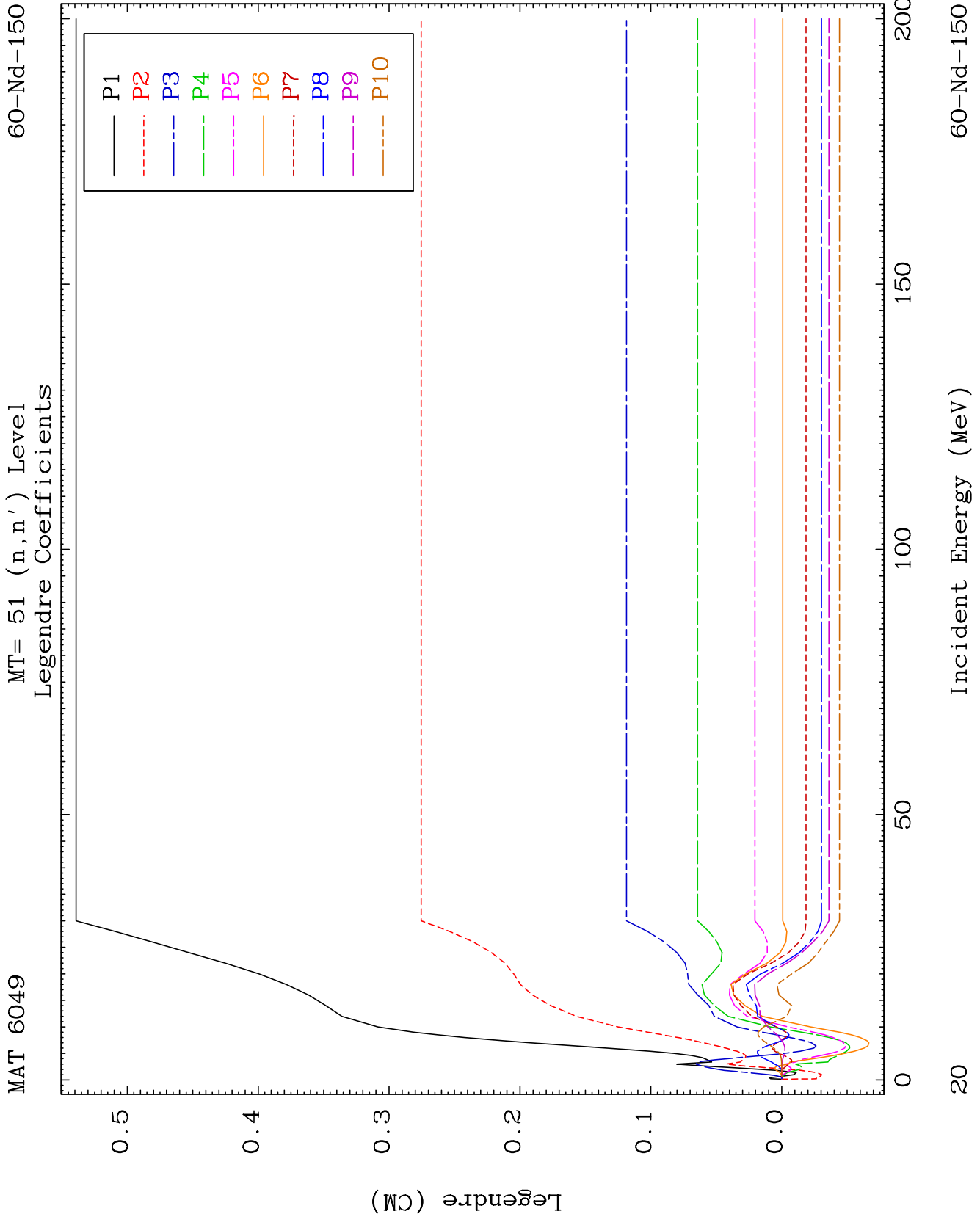
60-Nd-150



19

Incident Energy (MeV)

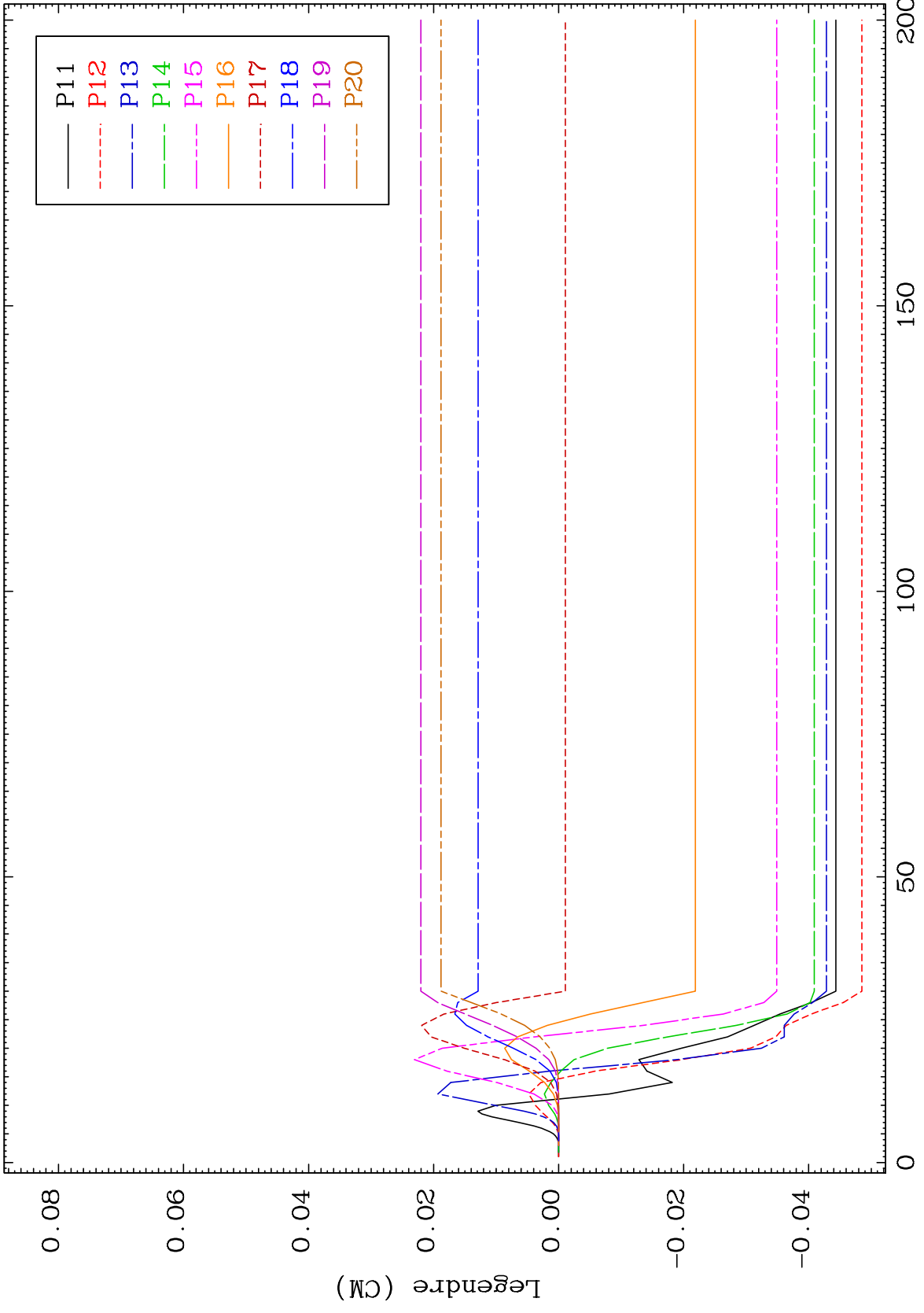
60-Nd-150



MAT 6049

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

60-Nd-150

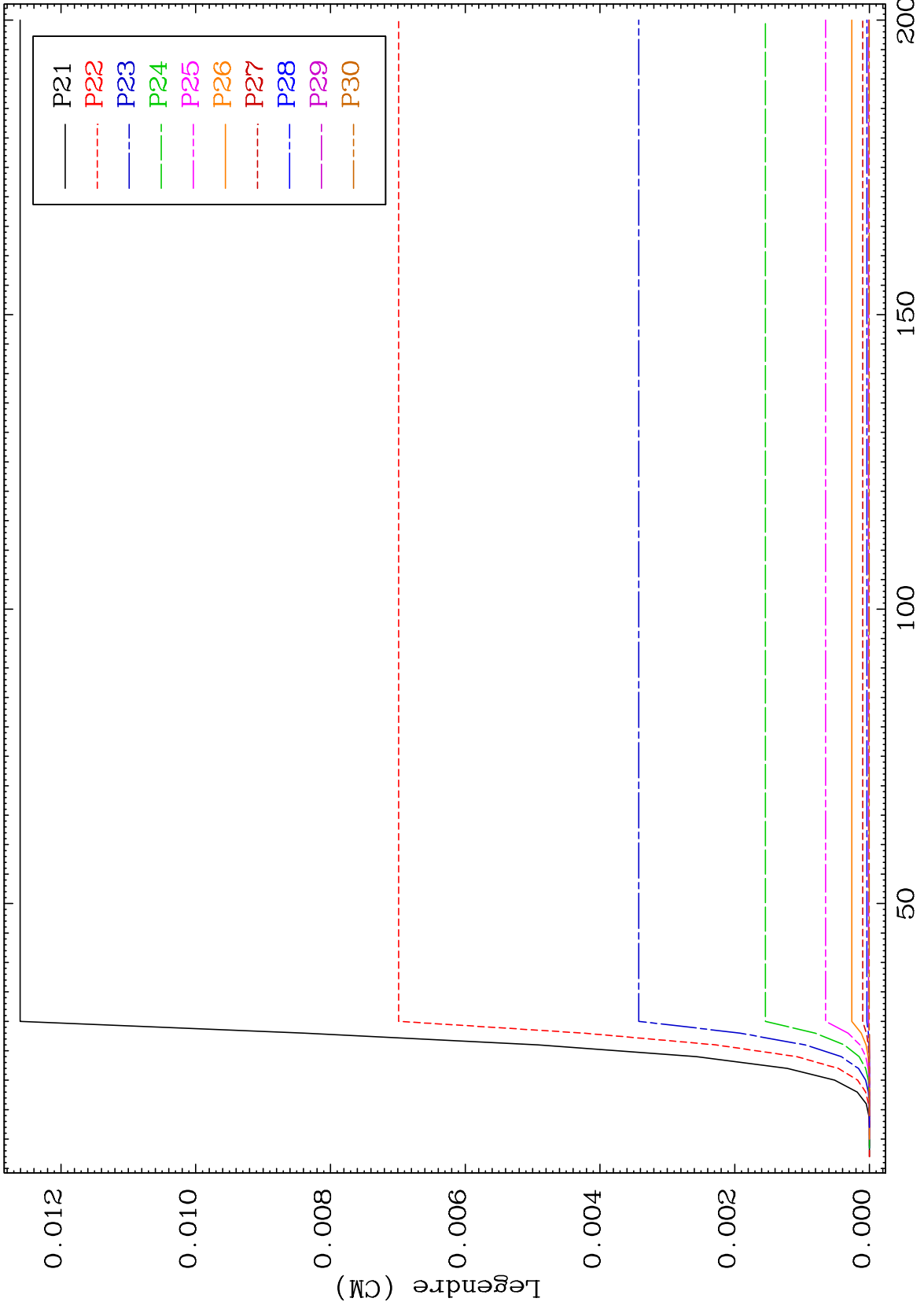


21

Incident Energy (MeV)

60-Nd-150

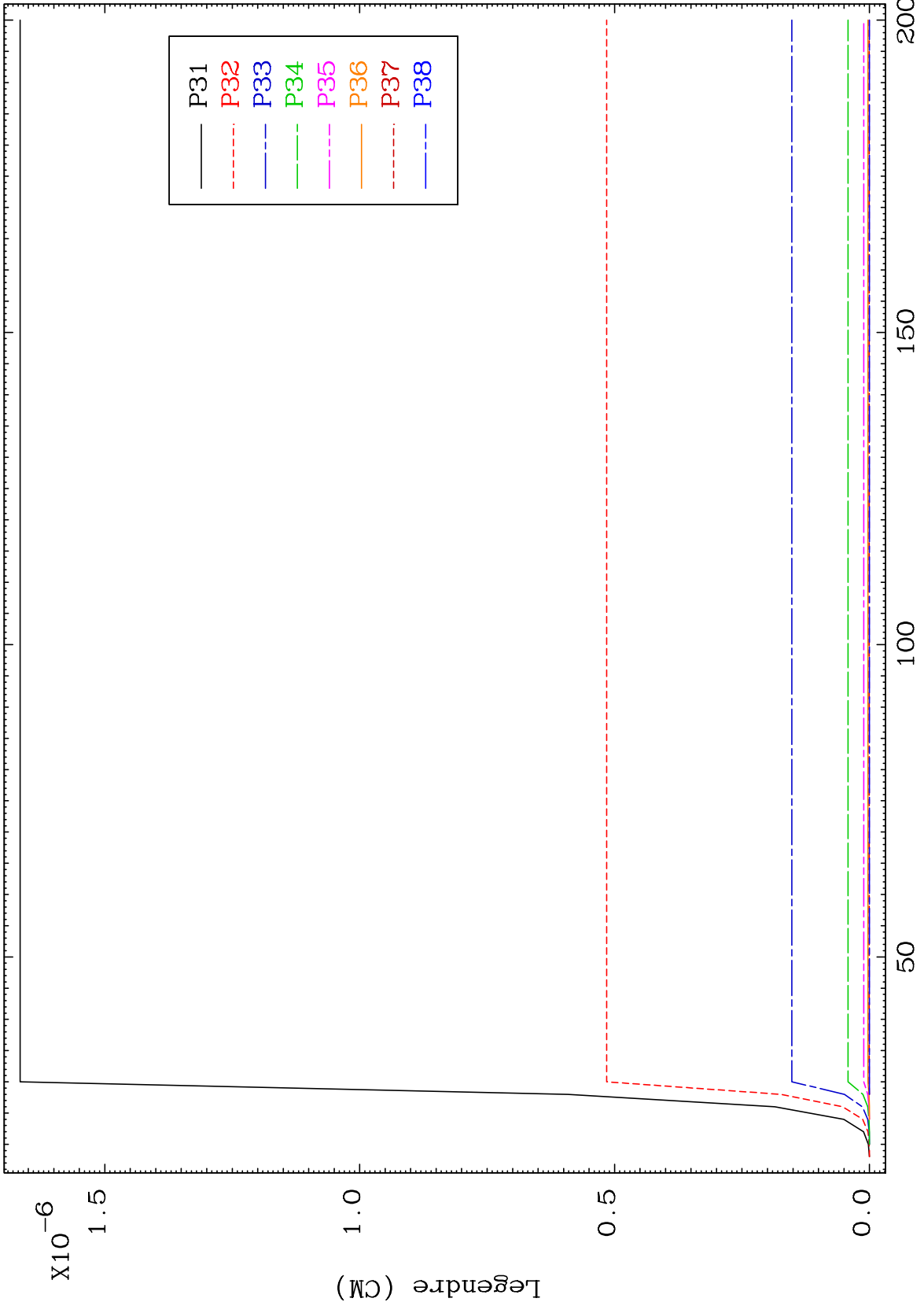
MAT 6049 MT= 51 (n,n') Level Legendre Coefficients 60-Nd-150



Legendre (CM) Incident Energy (MeV) 60-Nd-150

P21  
P22  
P23  
P24  
P25  
P26  
P27  
P28  
P29  
P30

MAT 6049 MT= 51 (n,n') Level Legendre Coefficients 60-Nd-150

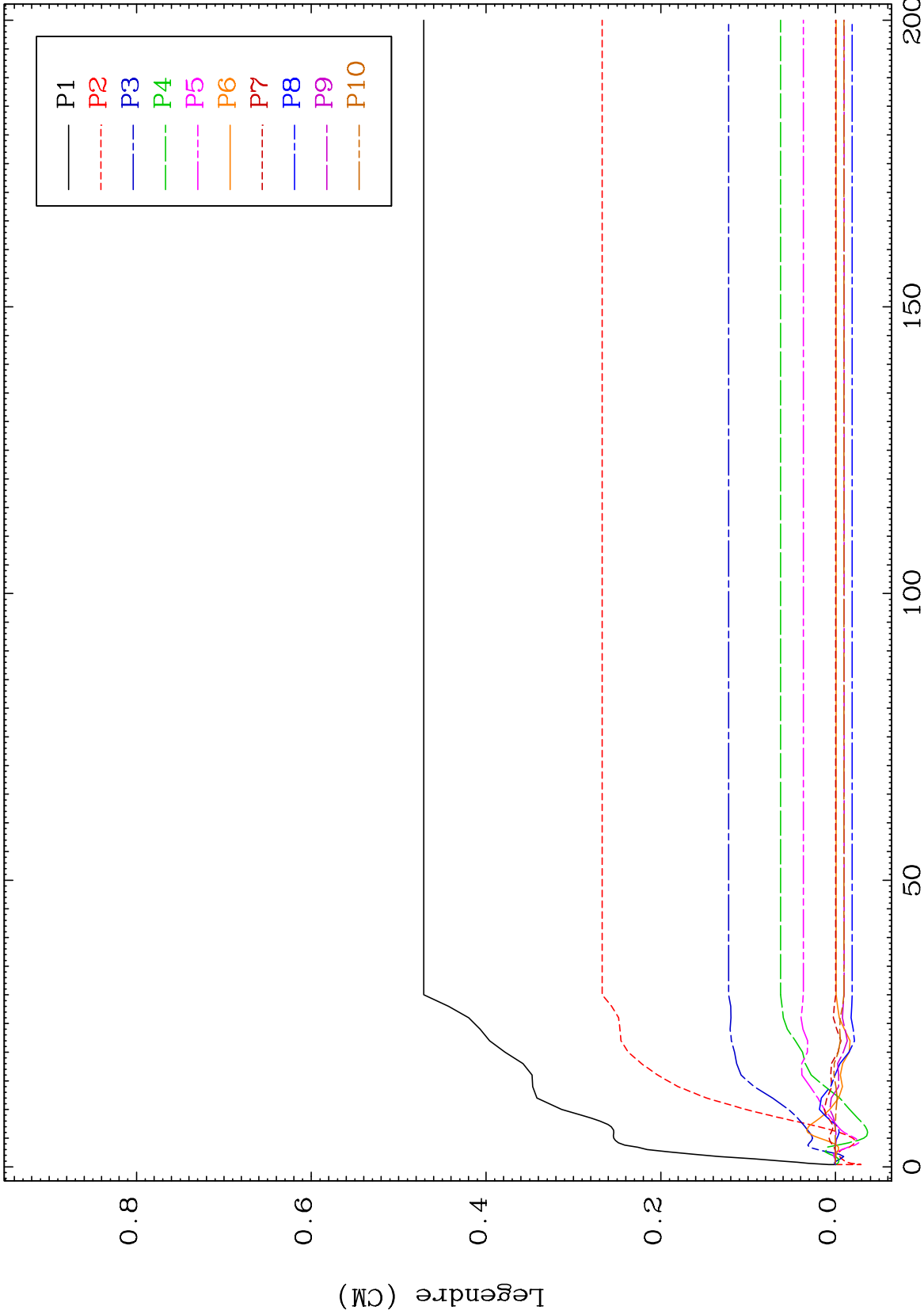




MAT 6049

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

60-Nd-150



24

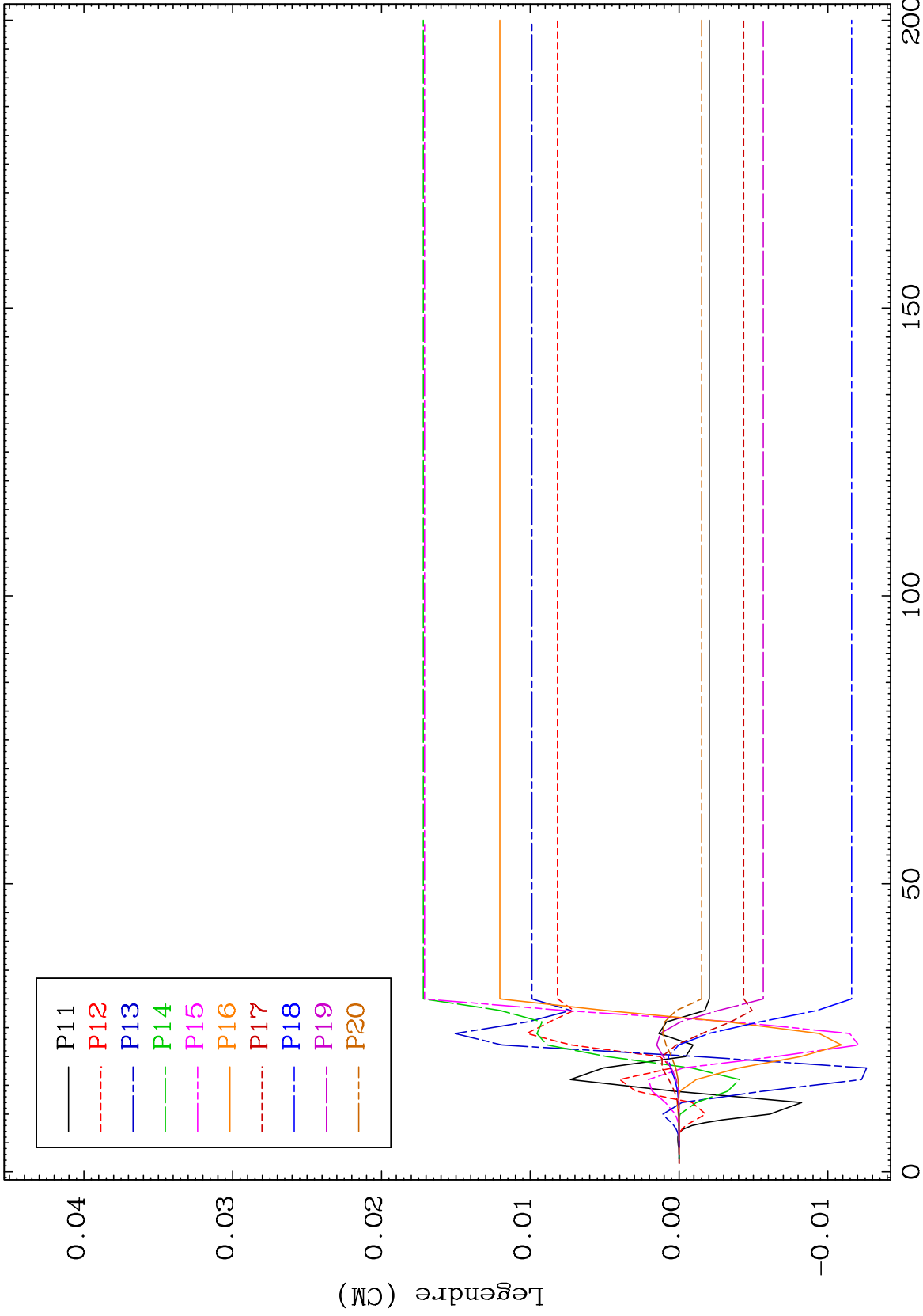
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150



25

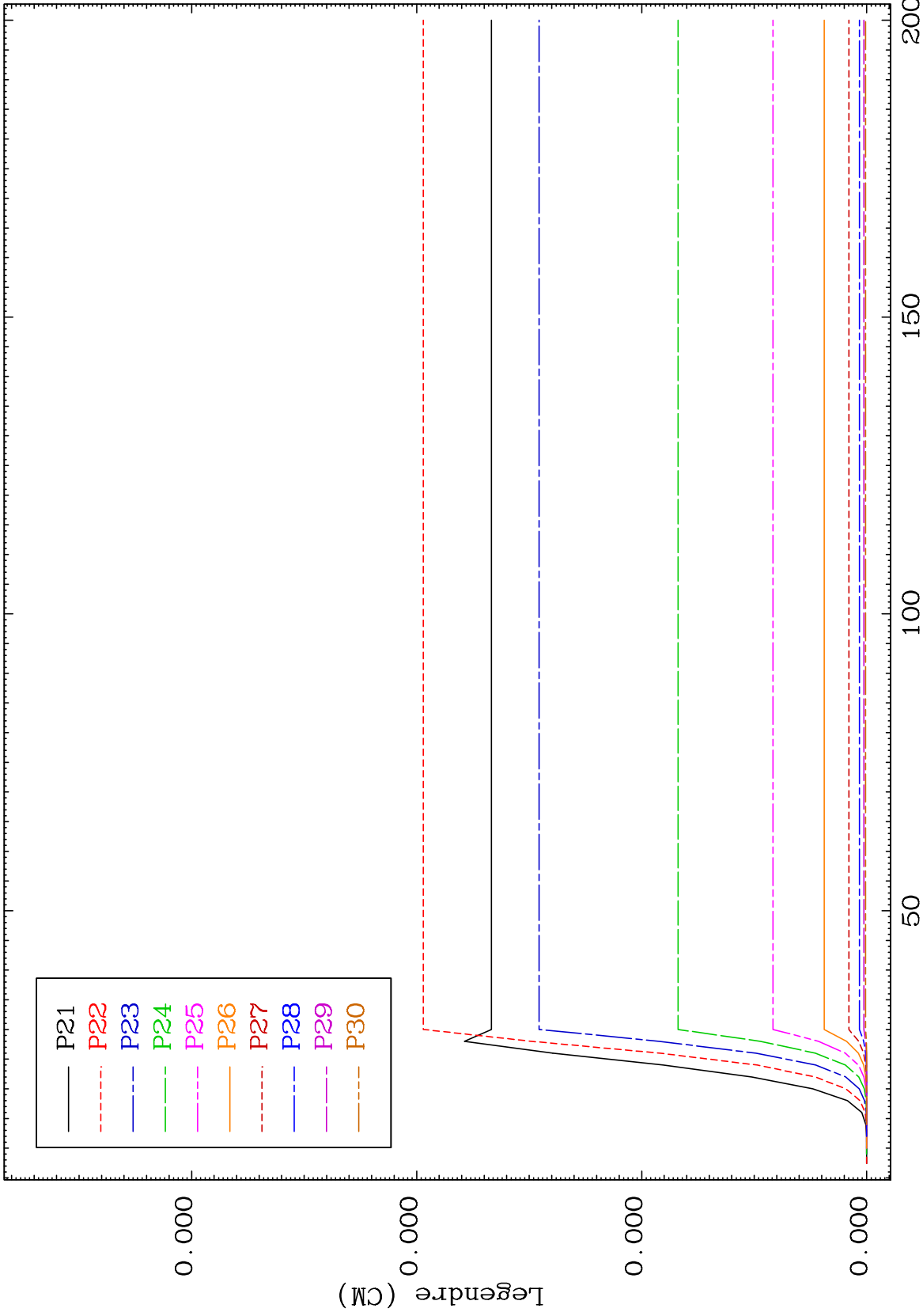
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150



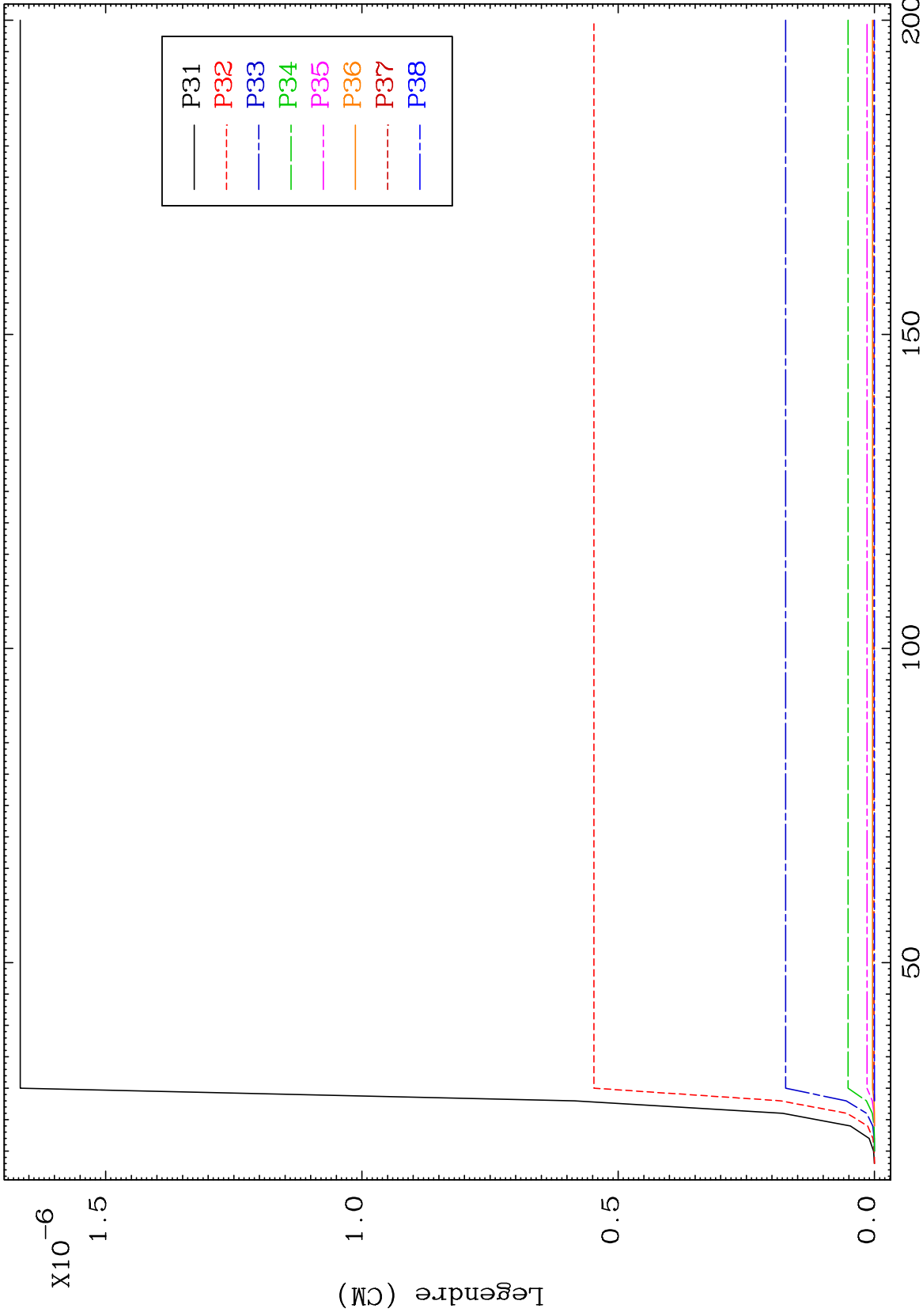
26

60-Nd-150

MAT 6049

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

60-Nd-150

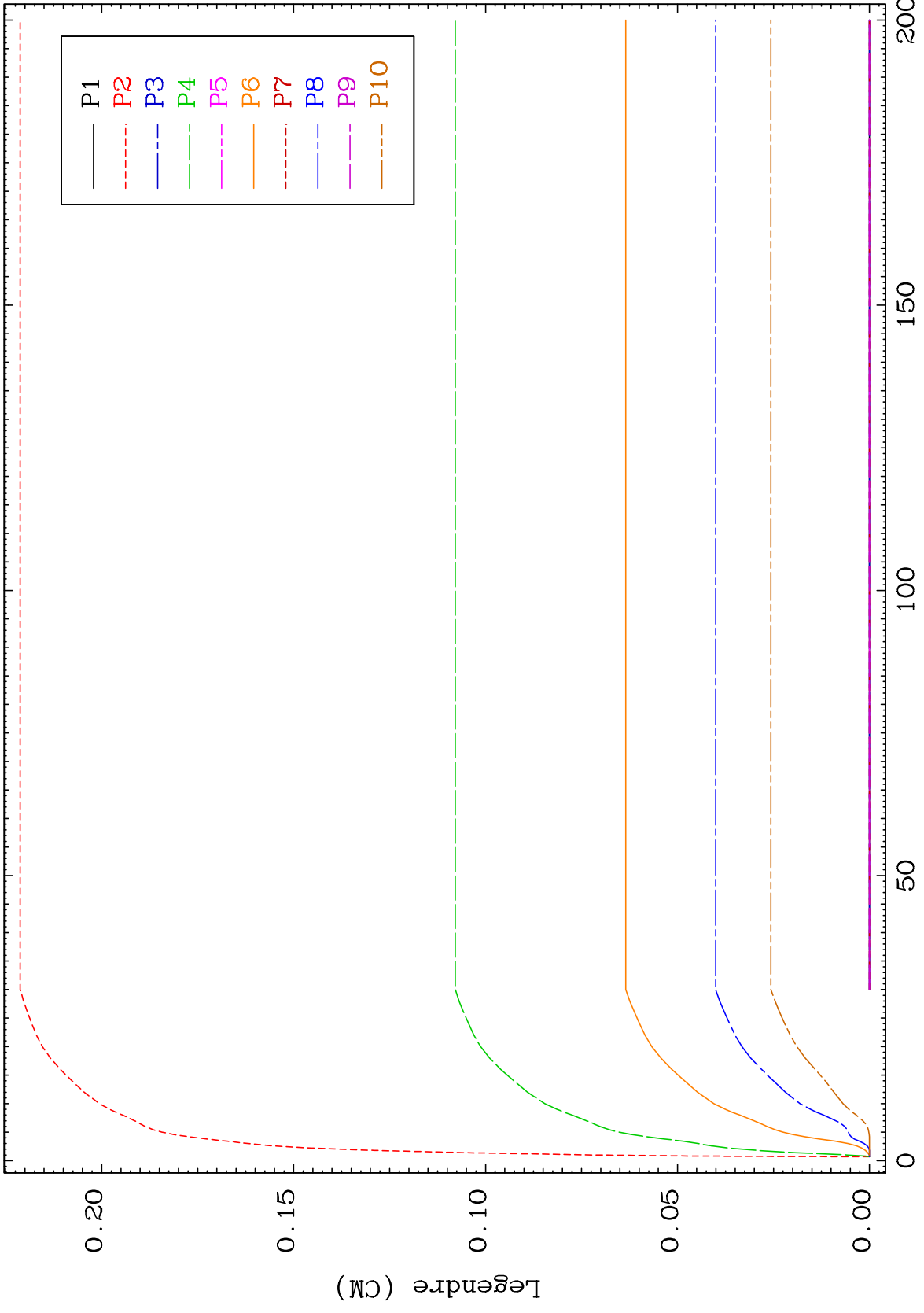


27

Incident Energy (MeV)

60-Nd-150

MAT 6049 MT= 53 (n,n') Level Legendre Coefficients 60-Nd-150

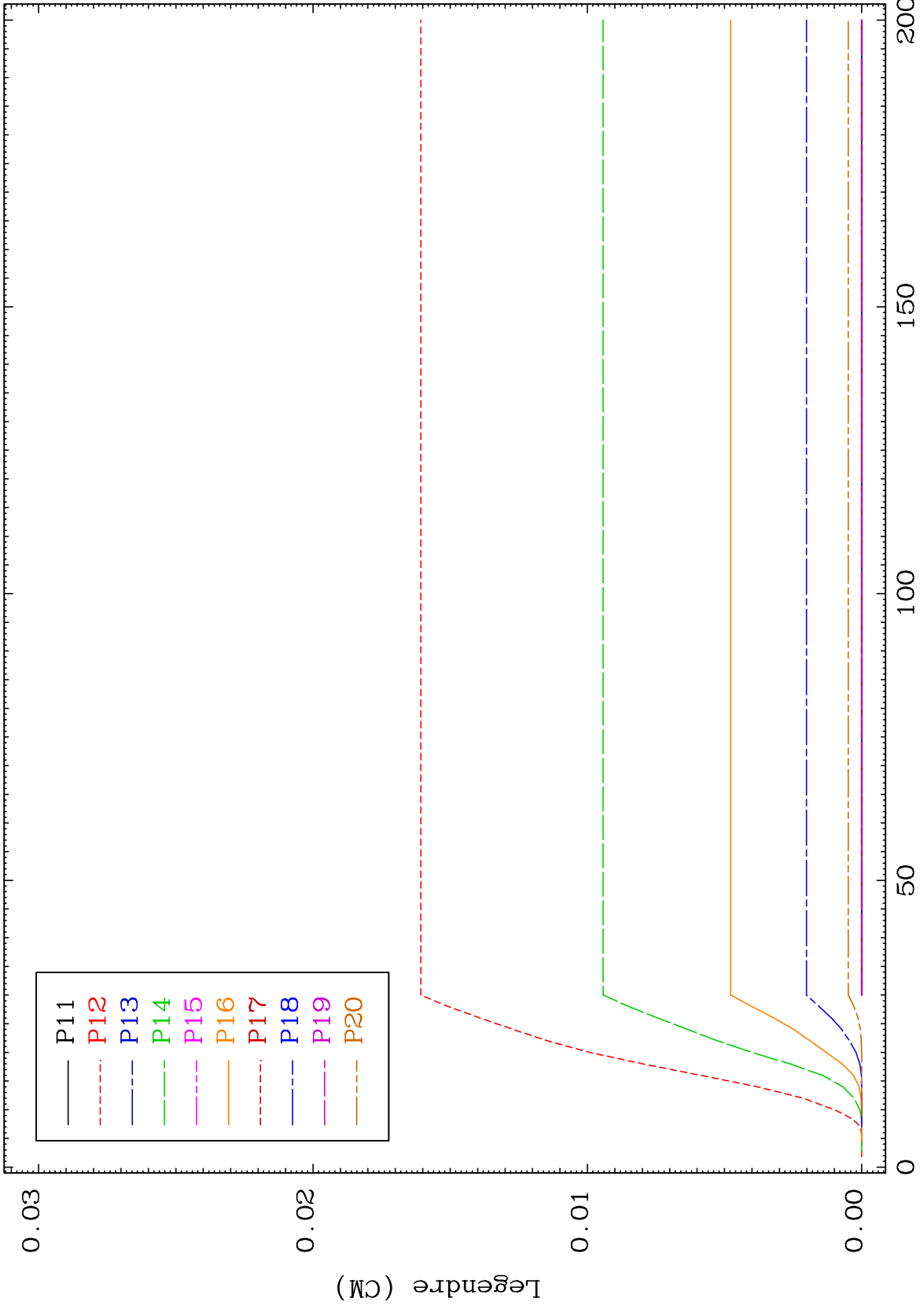


28 Incident Energy (MeV) 60-Nd-150

MAT 6049

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

60-Nd-150

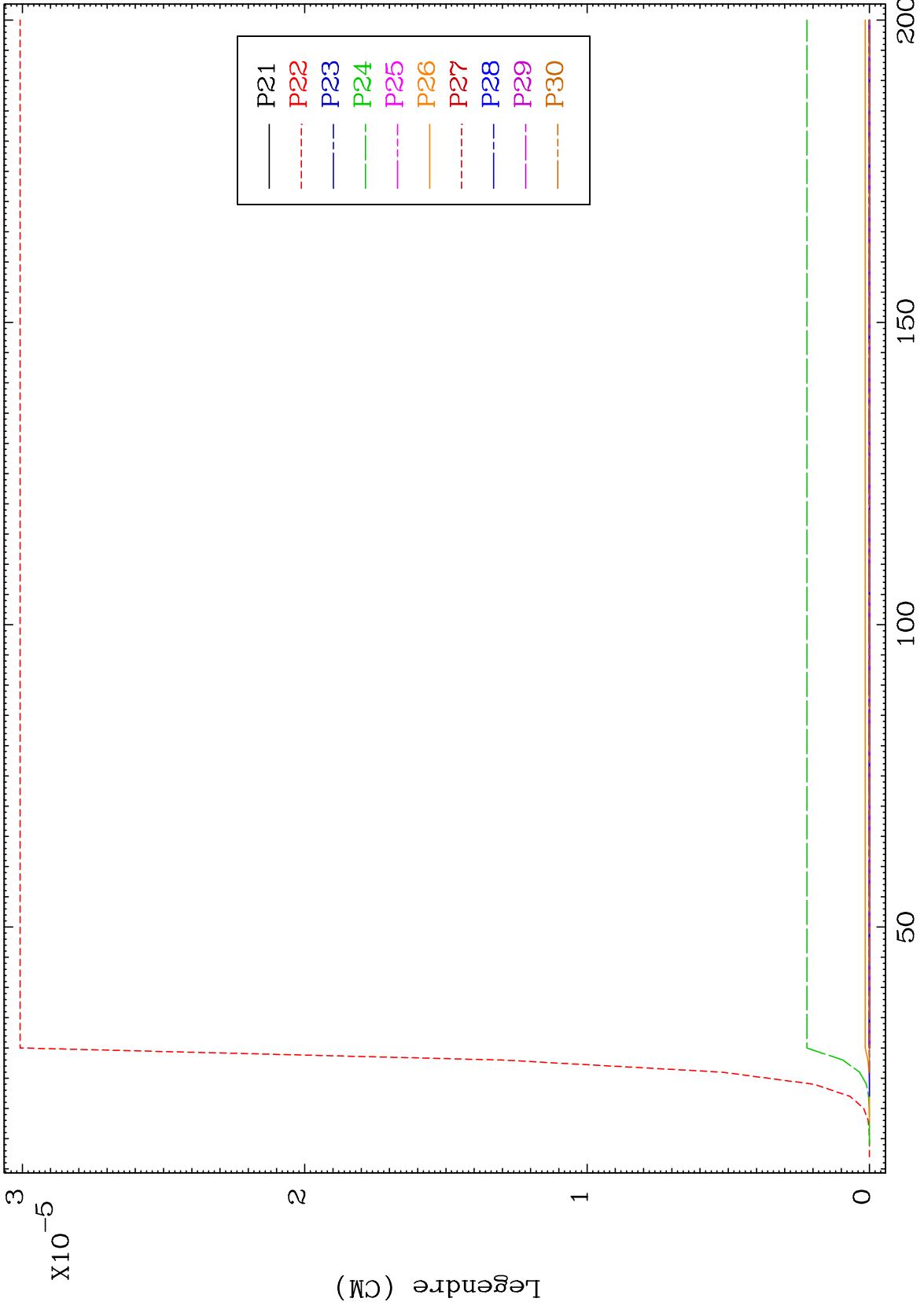


29

Incident Energy (MeV)

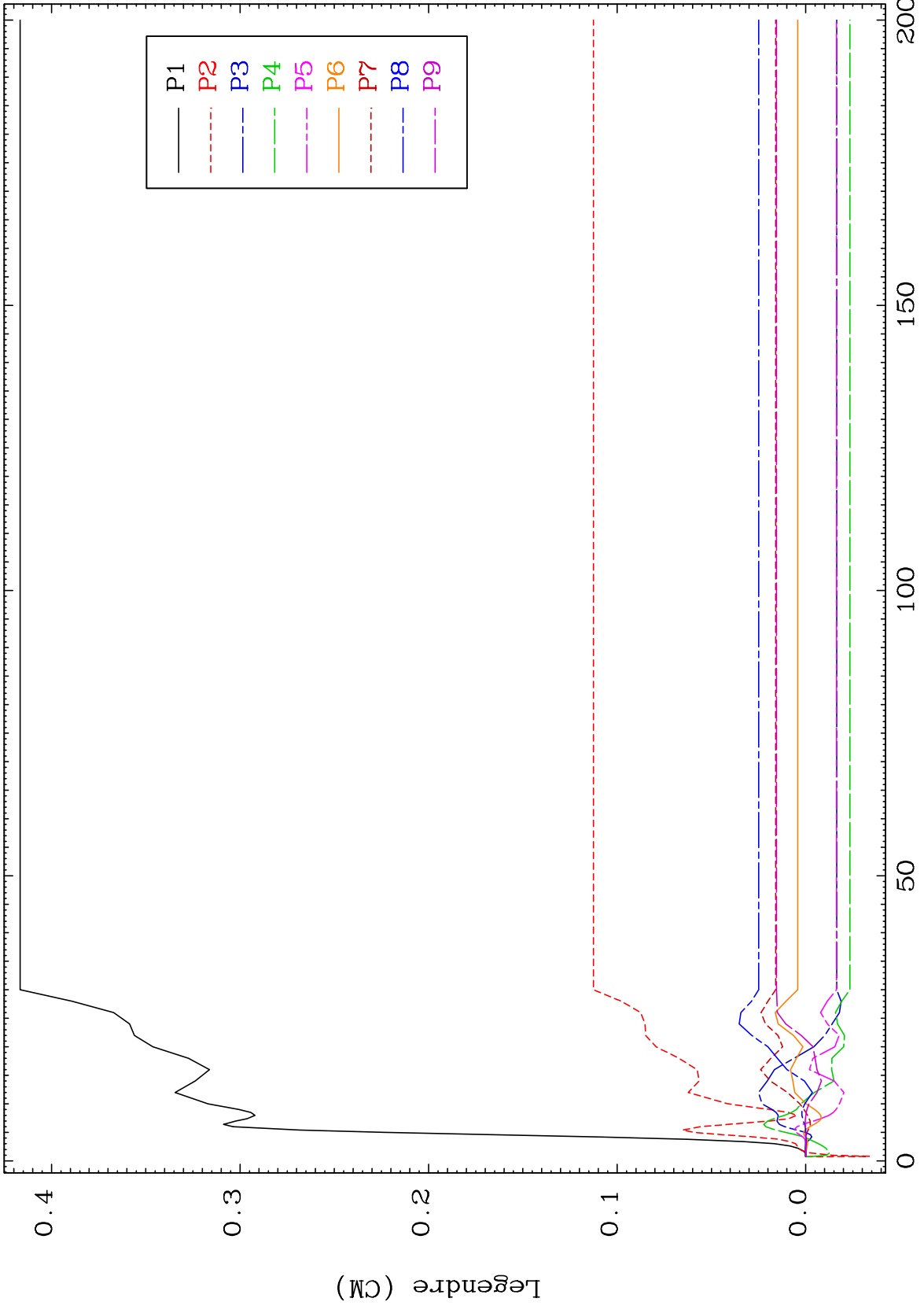
60-Nd-150

MAT 6049 MT= 53 (n,n') Level Legendre Coefficients 60-Nd-150



60-Nd-150

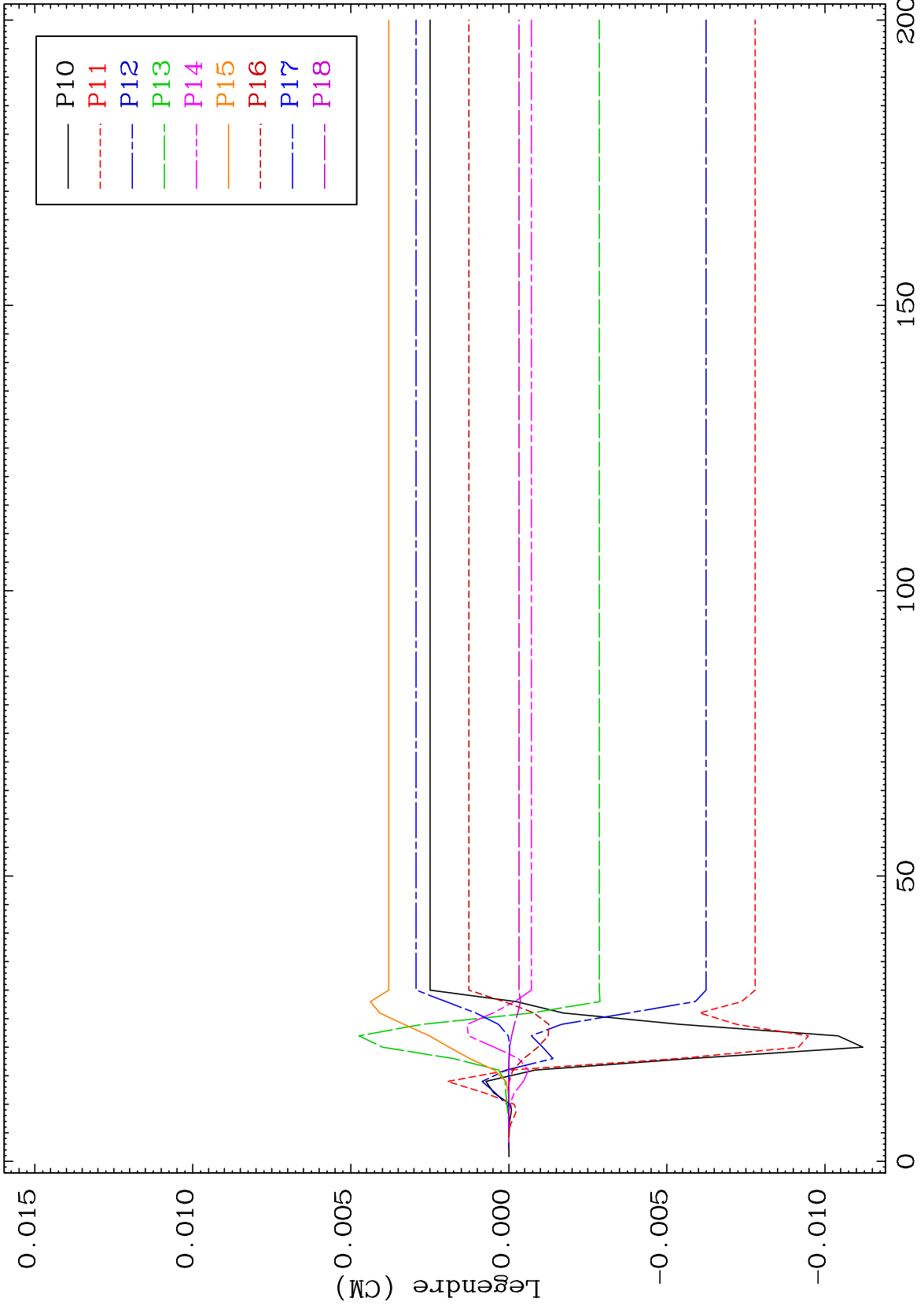
MAT 6049 MT= 54 (n,n') Level Legendre Coefficients 60-Nd-150



31 60-Nd-150



MAT 6049 MT= 54 (n,n') Level Legendre Coefficients 60-Nd-150

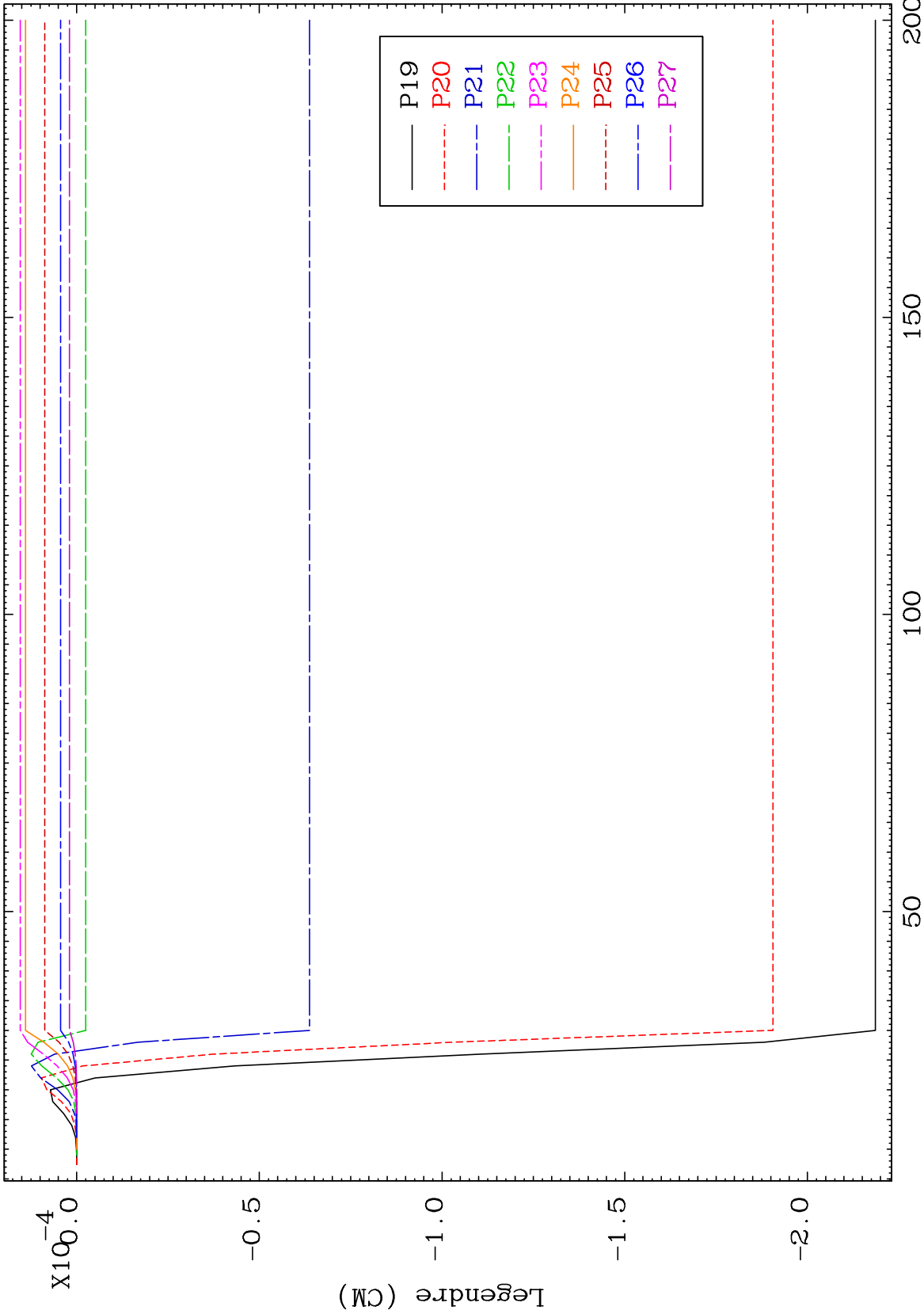


32 60-Nd-150

MAT 6049

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

60-Nd-150

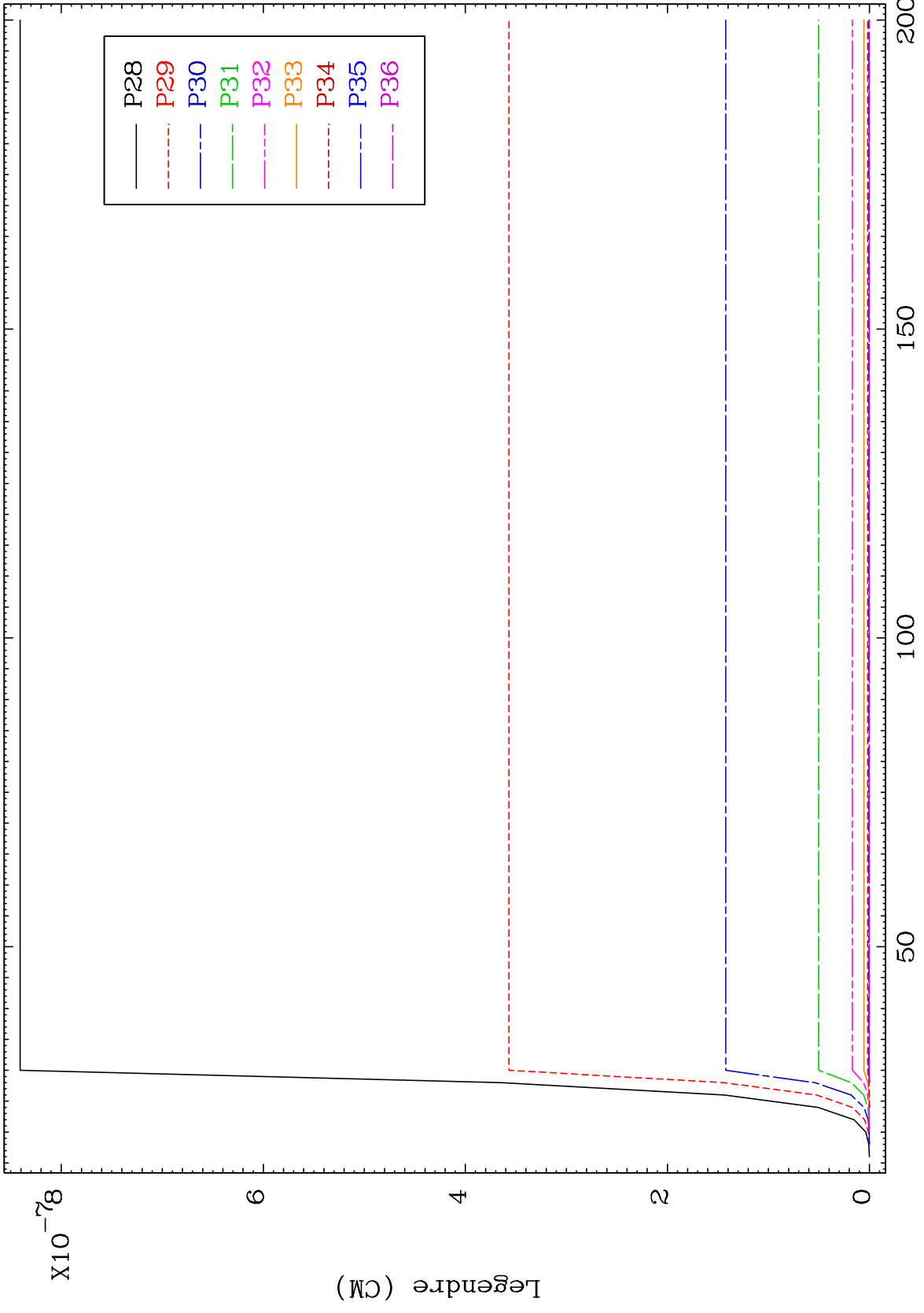


60-Nd-150

Incident Energy (MeV)

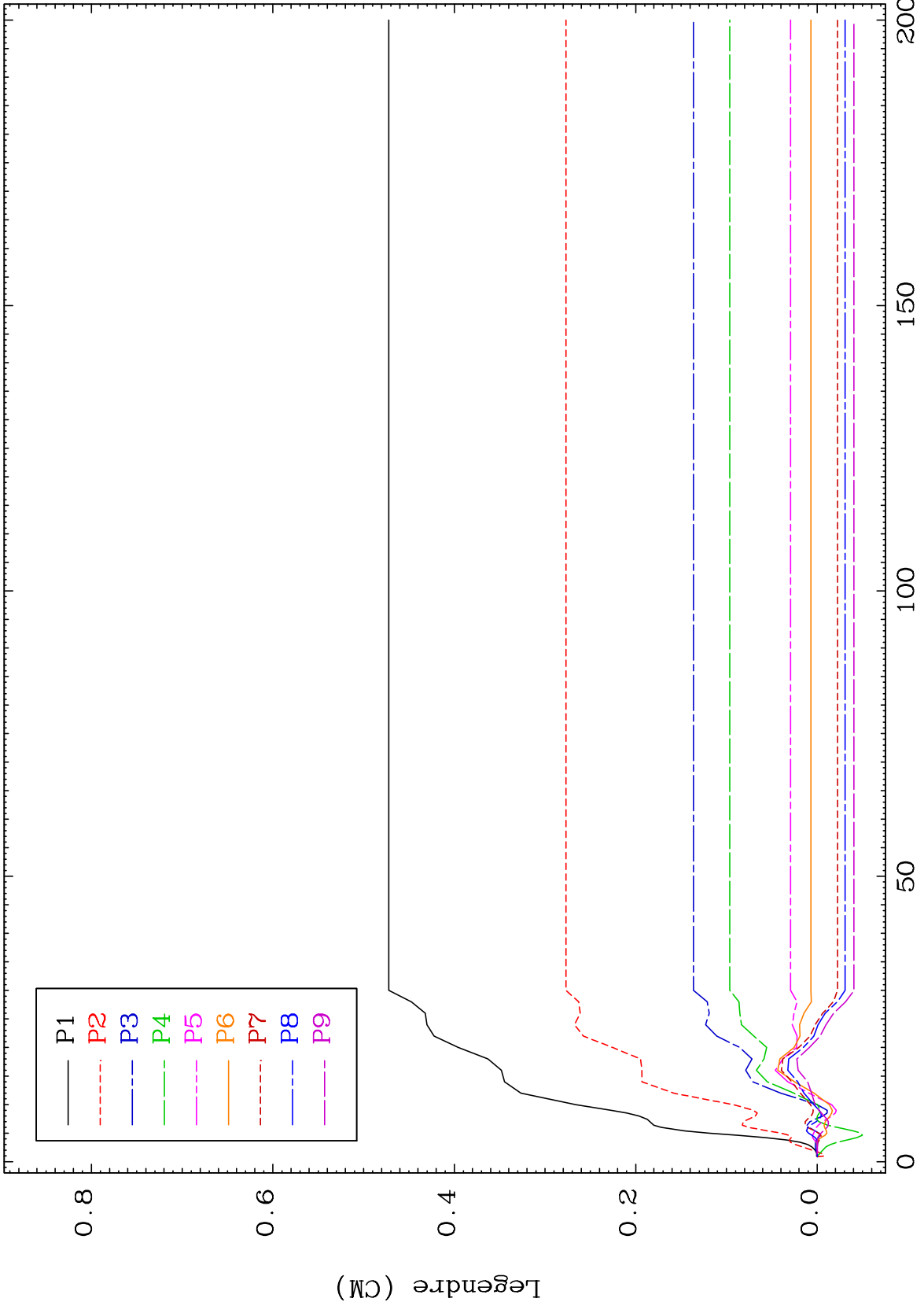
33

MAT 6049 MT= 54 (n,n') Level Legendre Coefficients 60-Nd-150



34 60-Nd-150

MAT 6049 MT= 55 (n,n') Level Legendre Coefficients 60-Nd-150

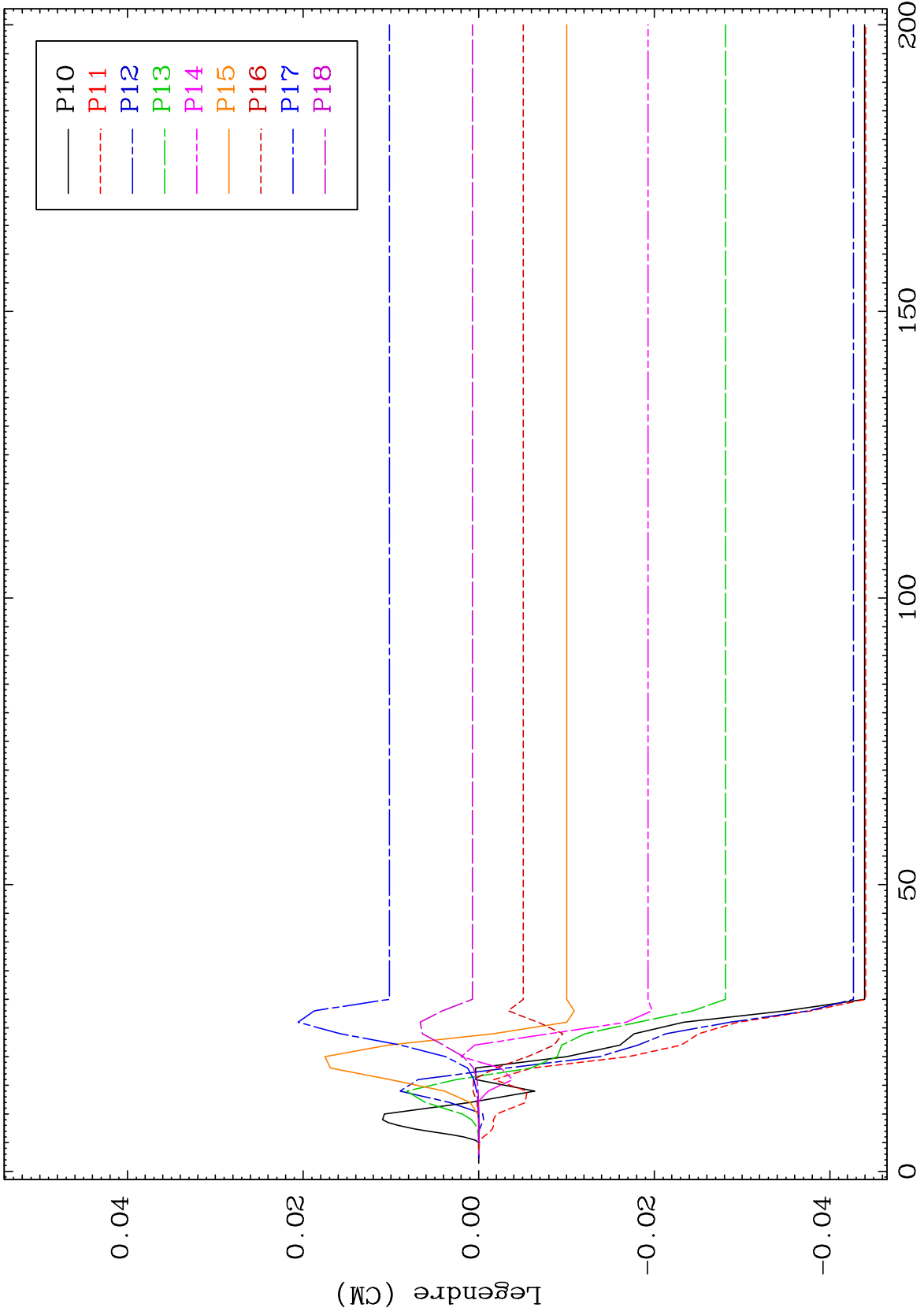


60-Nd-150 Incident Energy (MeV)

MAT 6049

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

60-Nd-150



36

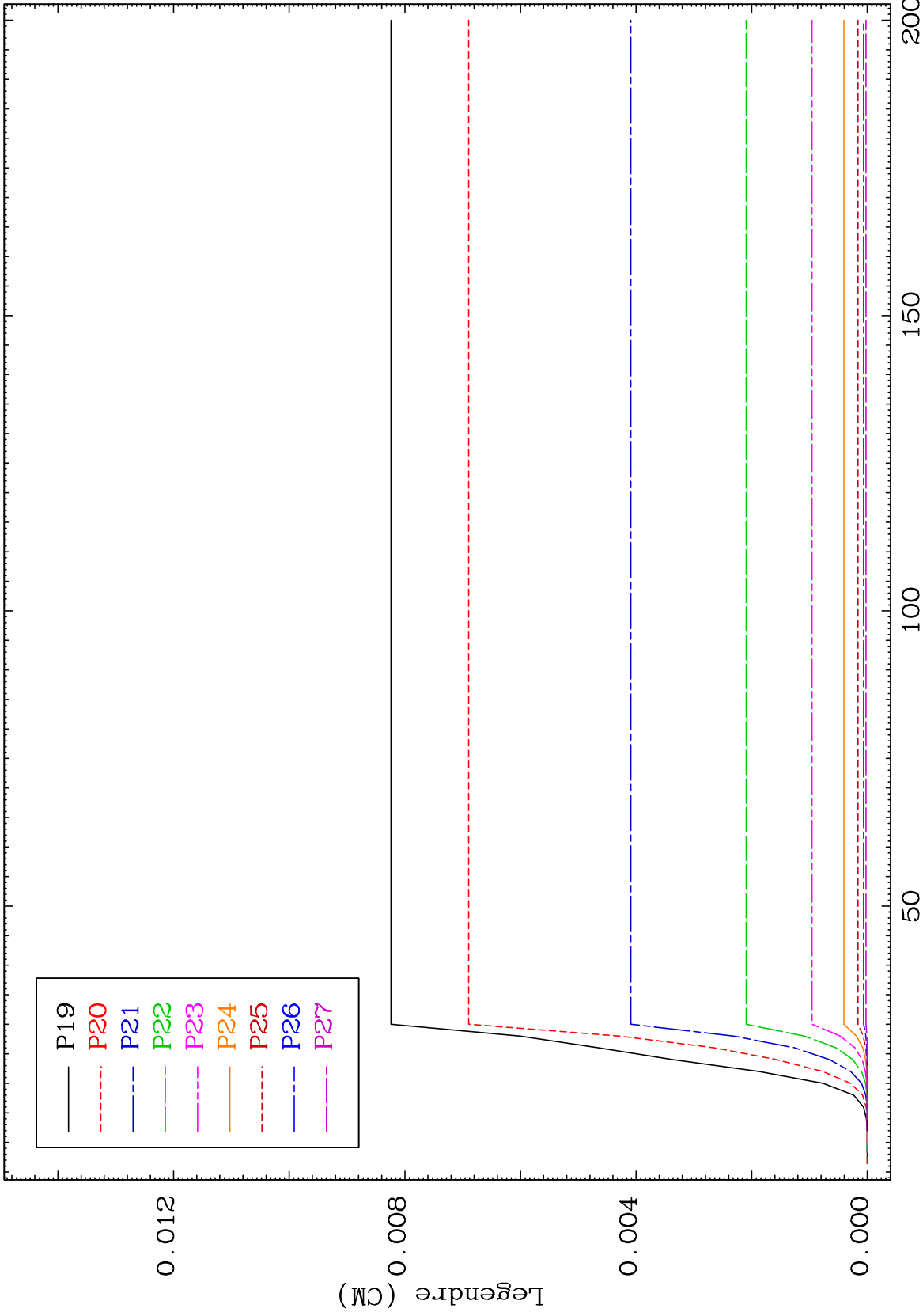
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150



37

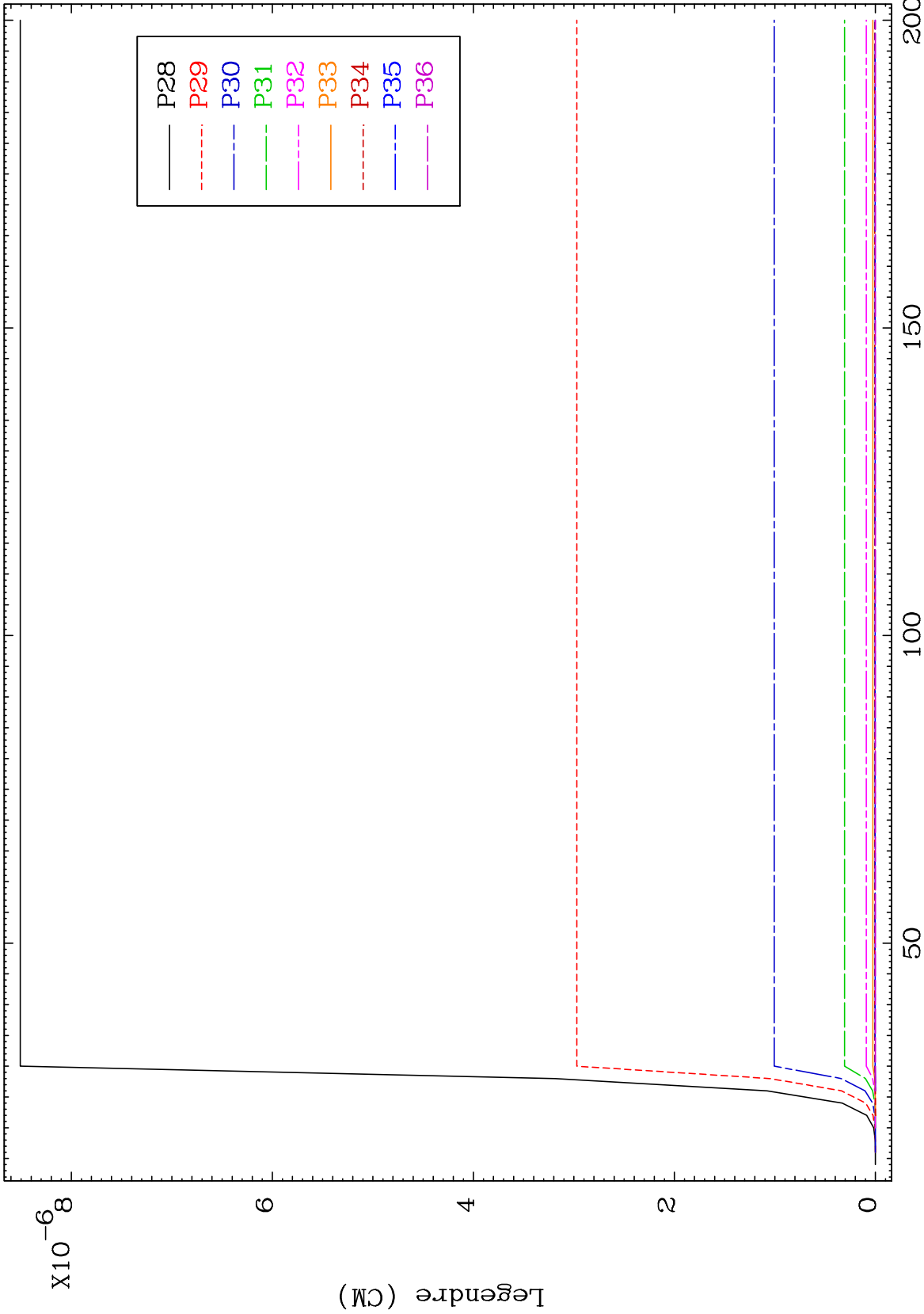
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150



38

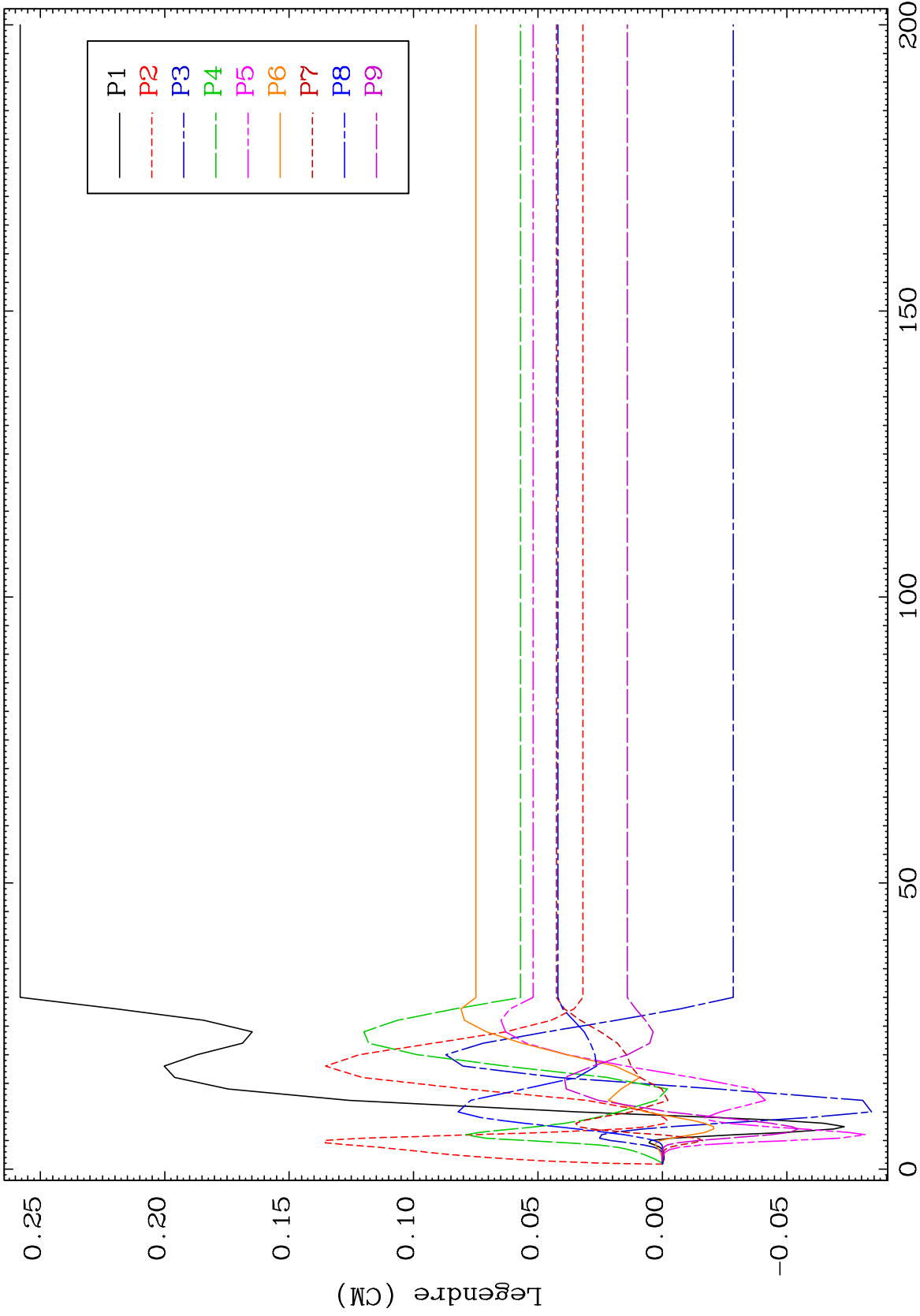
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150

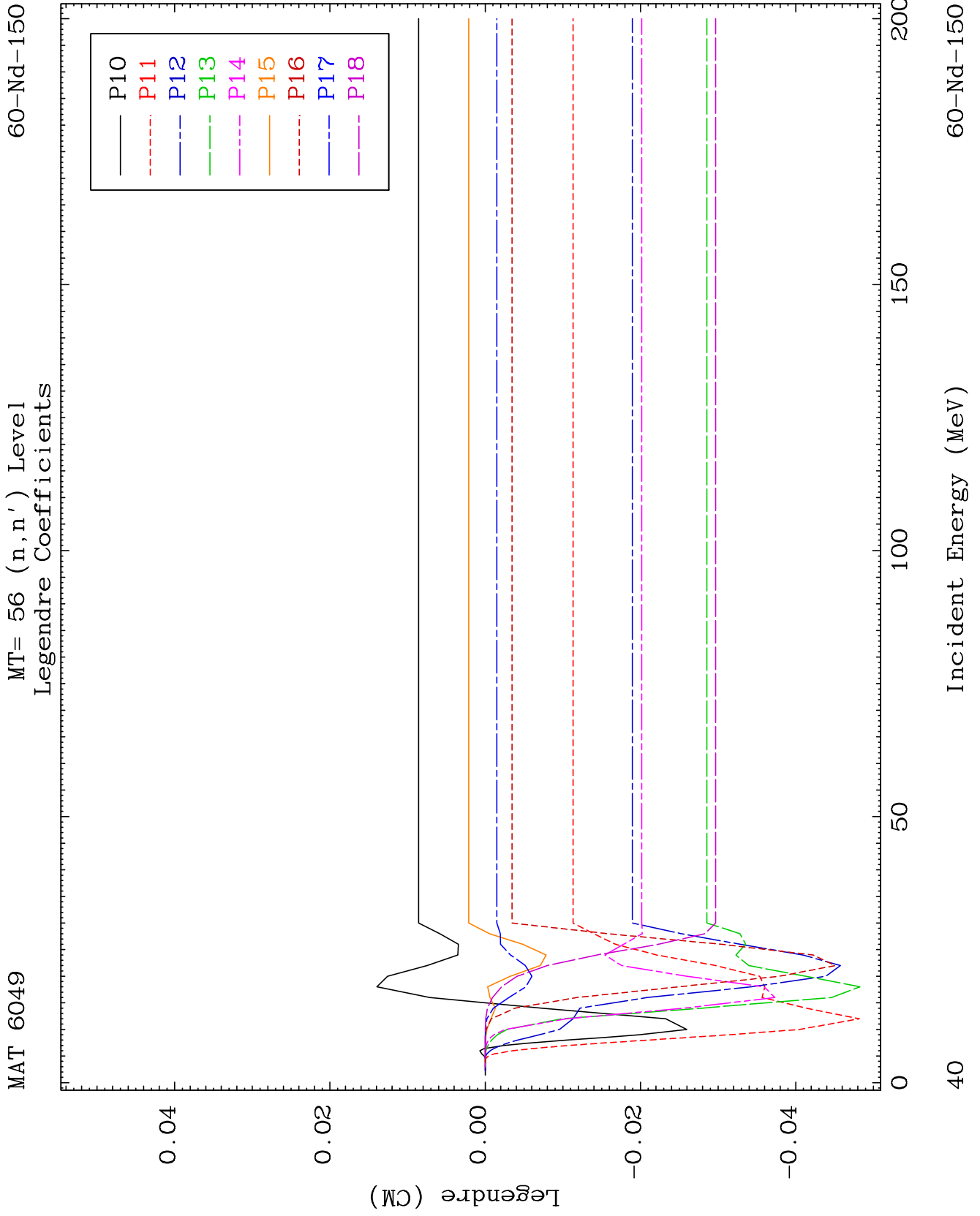


39

Incident Energy (MeV)

60-Nd-150

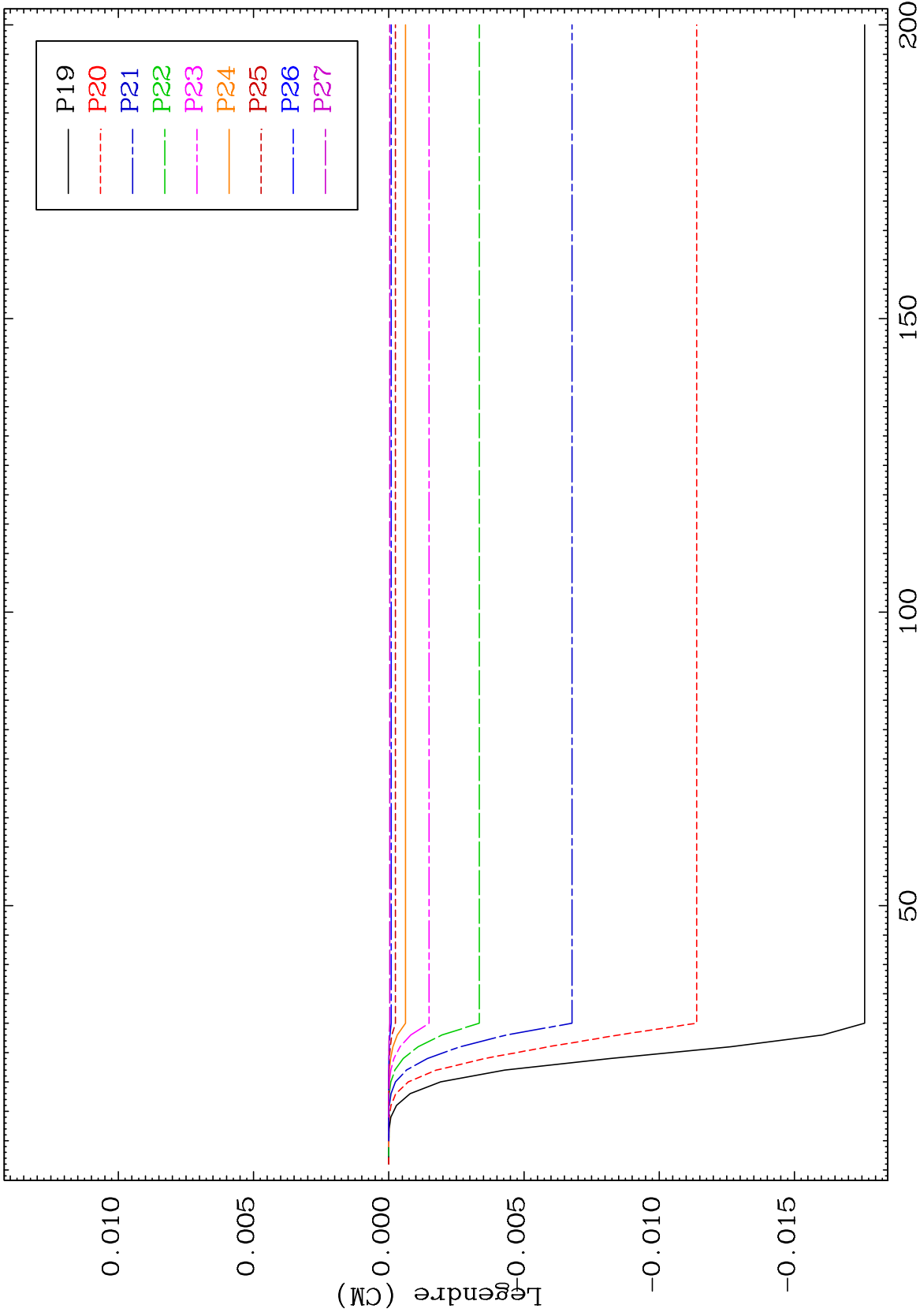




MAT 6049

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

60-Nd-150



41

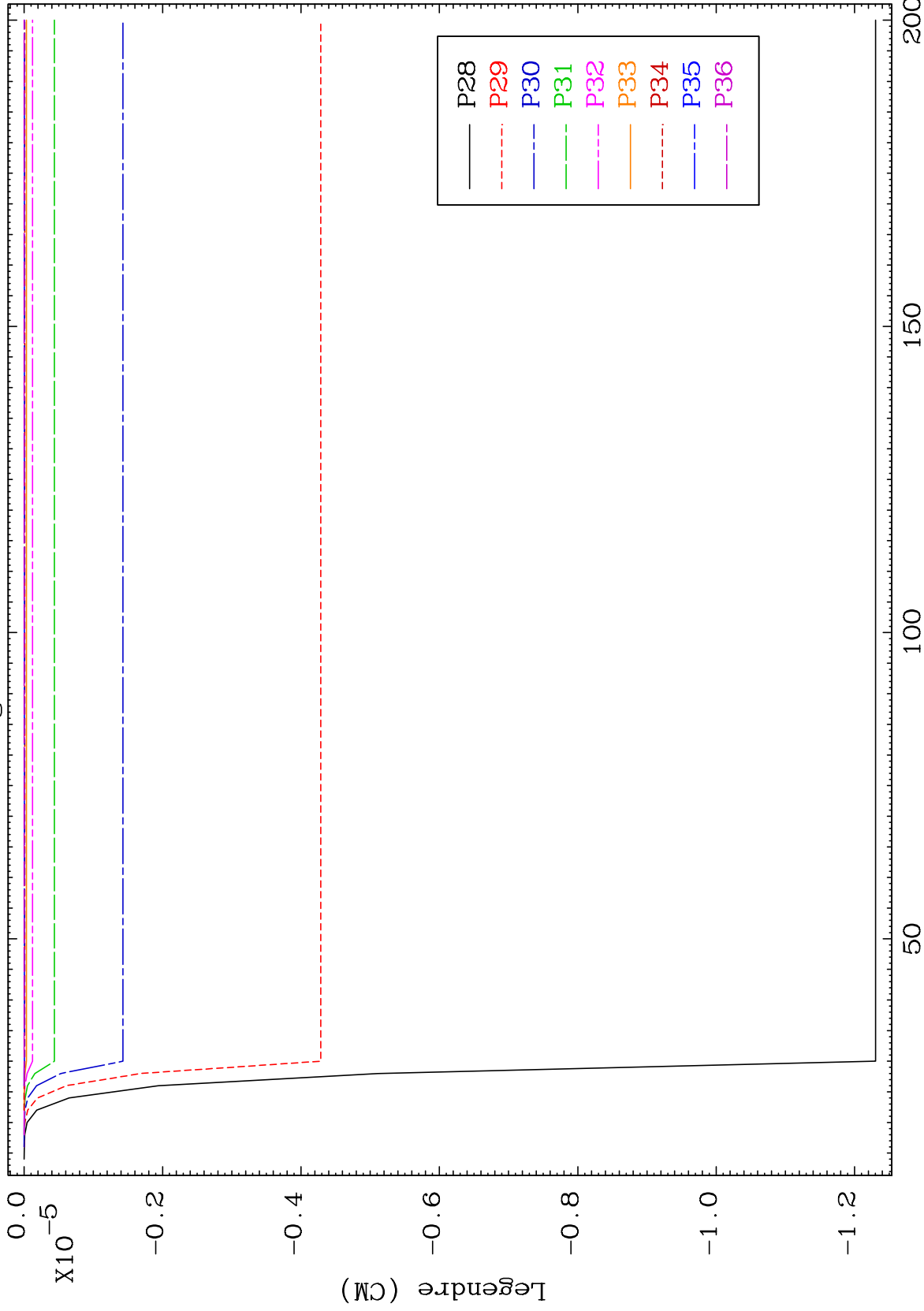
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150



60-Nd-150

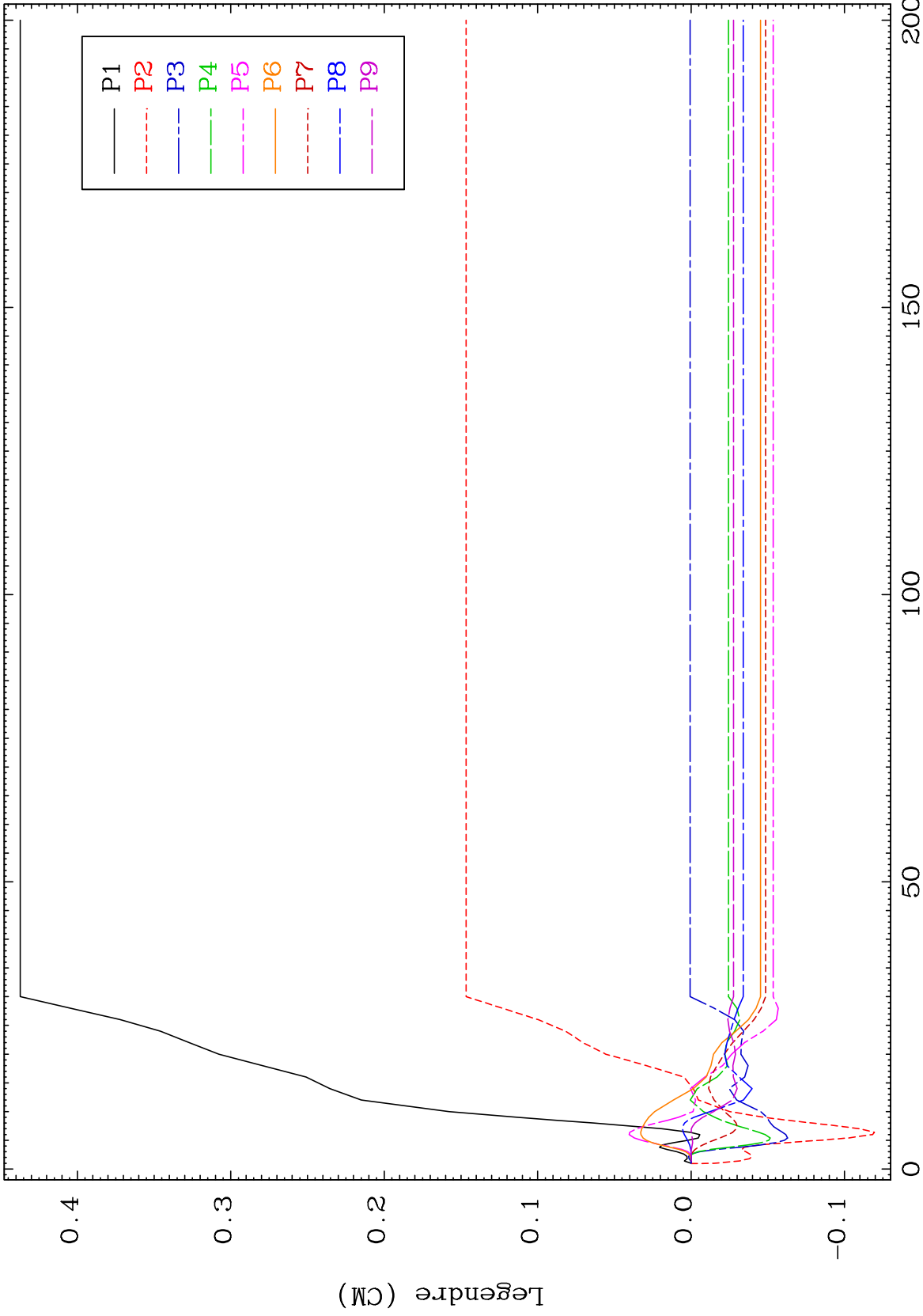
Incident Energy (MeV)

42

MAT 6049

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

60-Nd-150

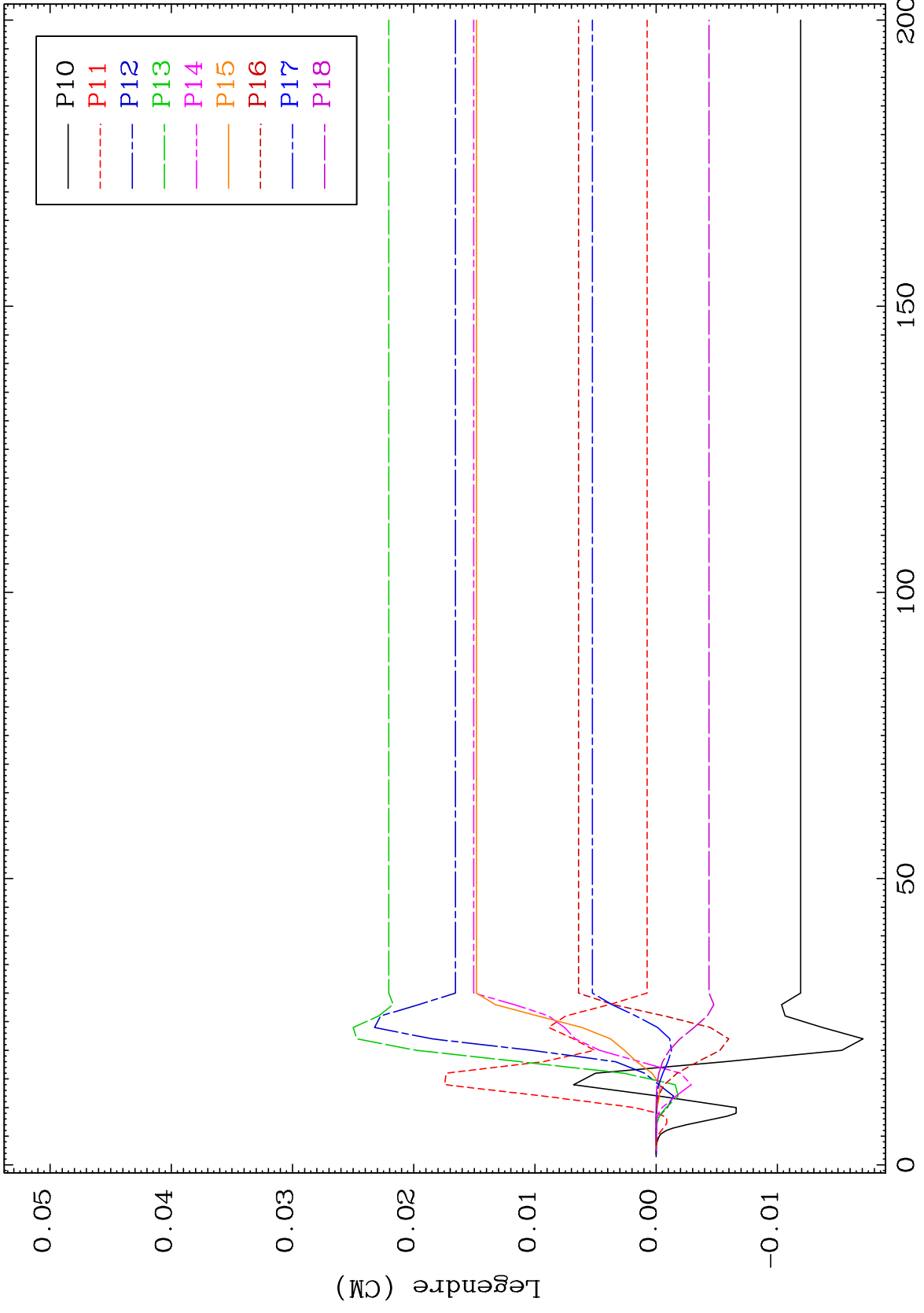


43

Incident Energy (MeV)

60-Nd-150

MAT 6049 MT= 57 (n,n') Level Legendre Coefficients 60-Nd-150

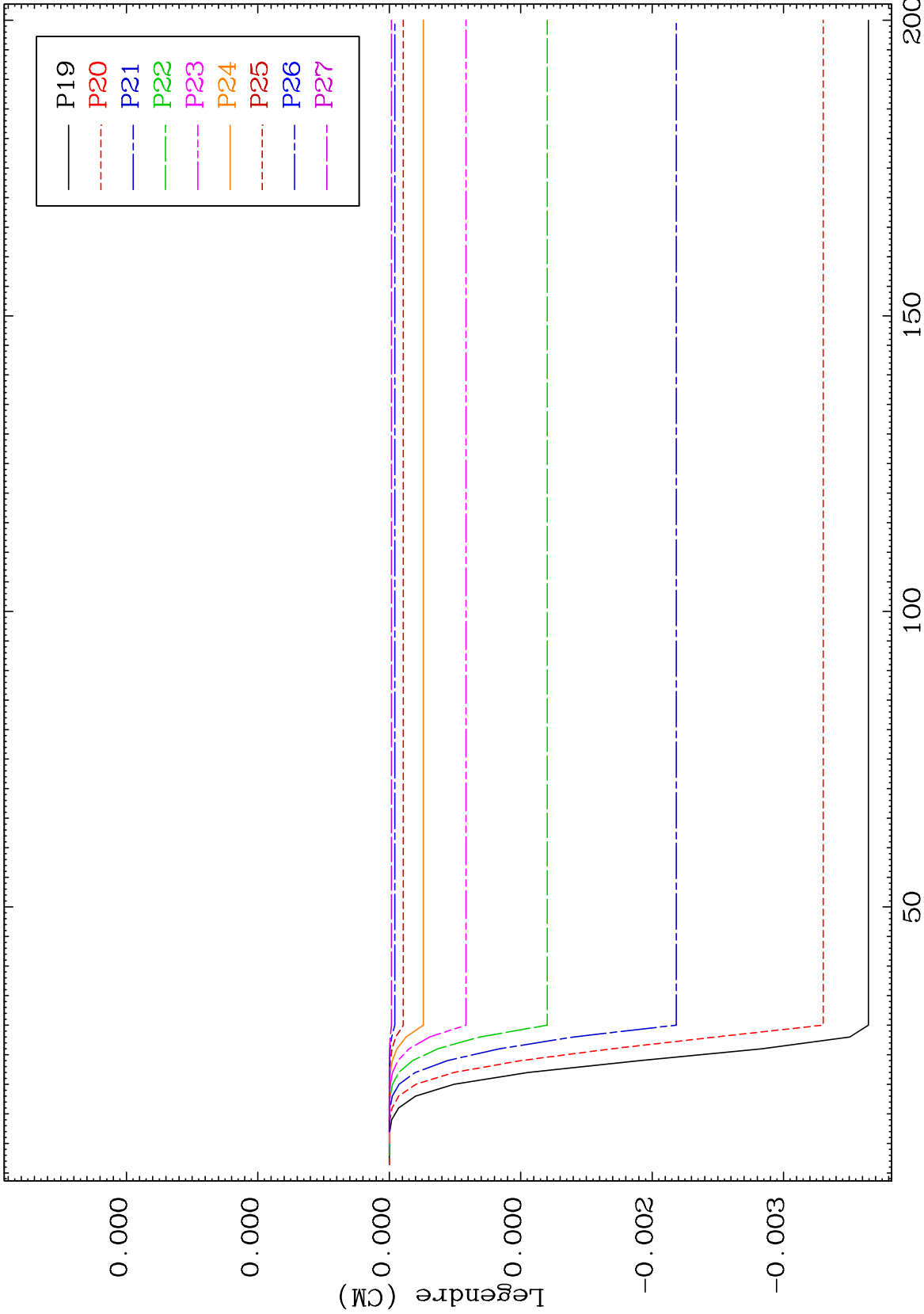


44 60-Nd-150

MAT 6049

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

60-Nd-150

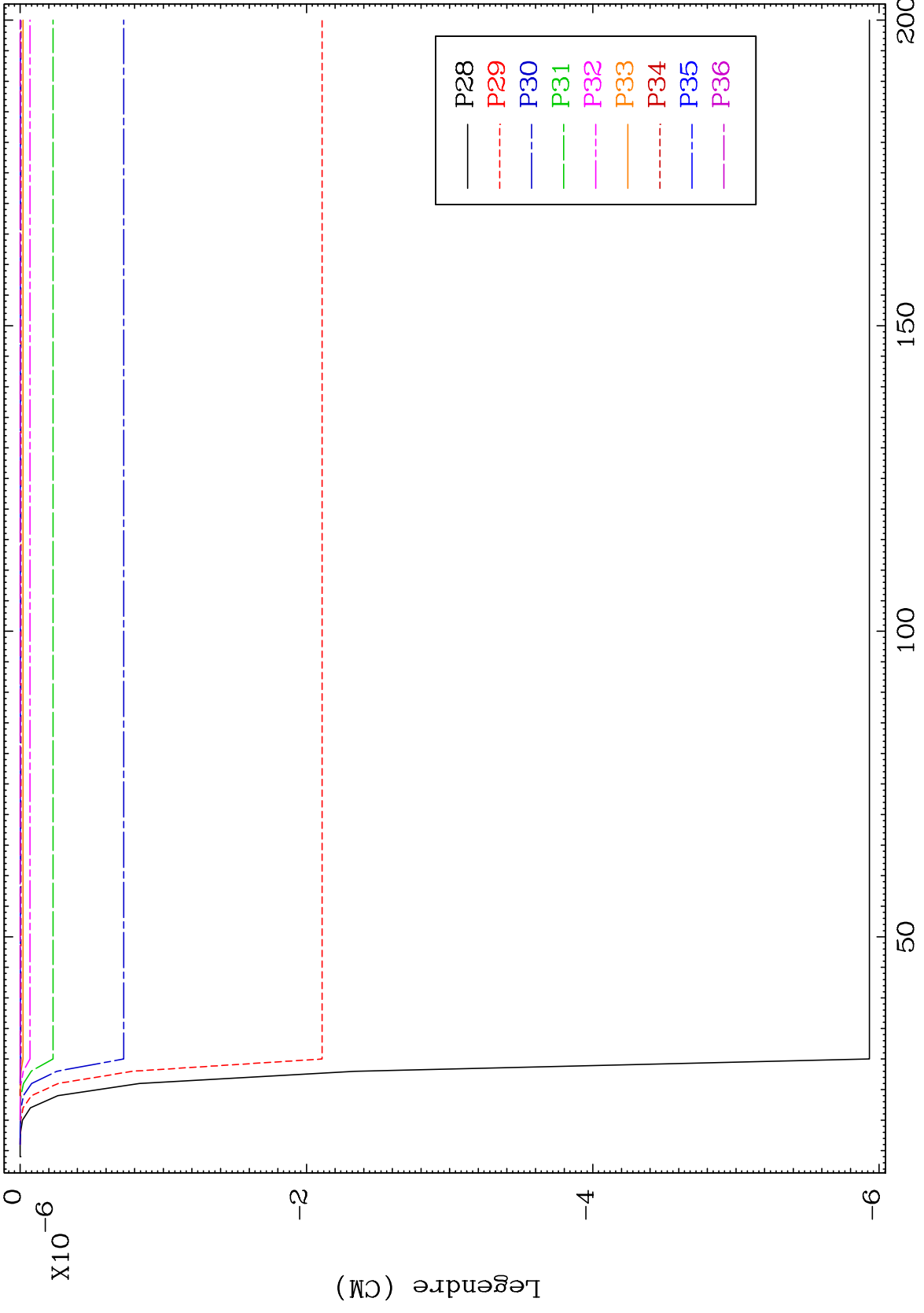


45

Incident Energy (MeV)

60-Nd-150

MAT 6049 MT= 57 (n,n') Level Legendre Coefficients 60-Nd-150



46 Incident Energy (MeV) 60-Nd-150

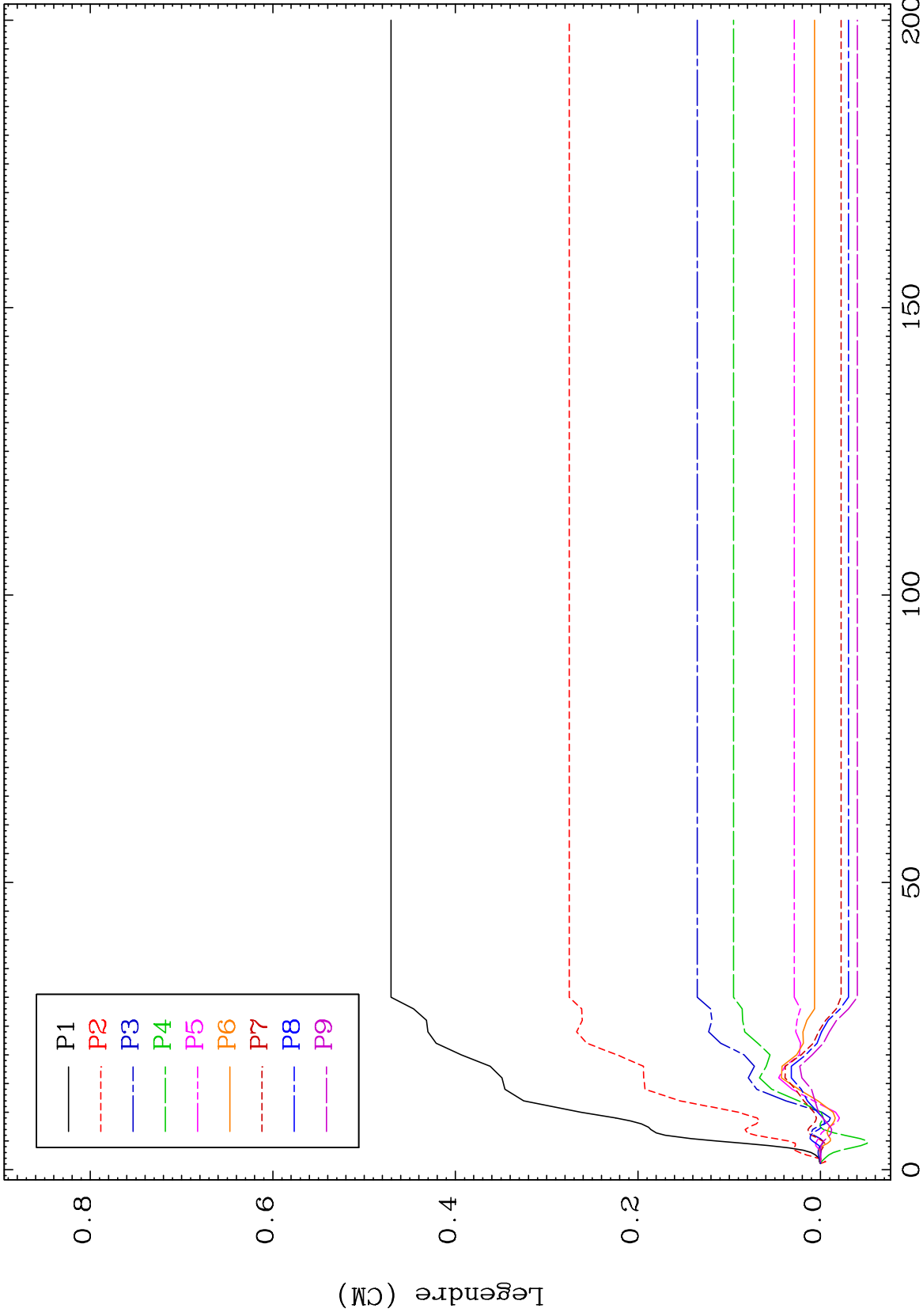
MAT 6049 MT= 58 (n,n') Level Legendre Coefficients

60-Nd-150

60-Nd-150

Incident Energy (MeV)

47

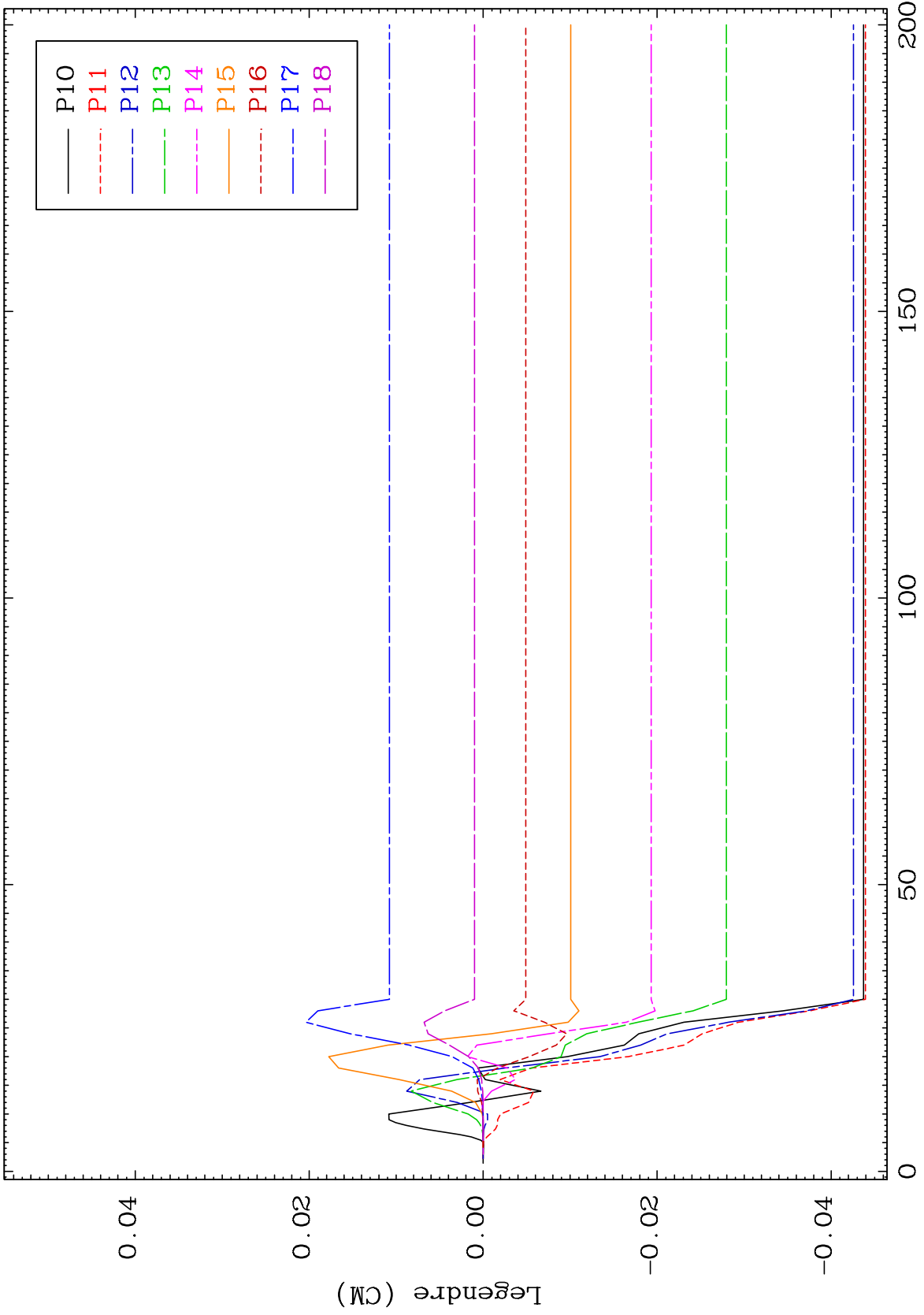




MAT 6049

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

60-Nd-150



48

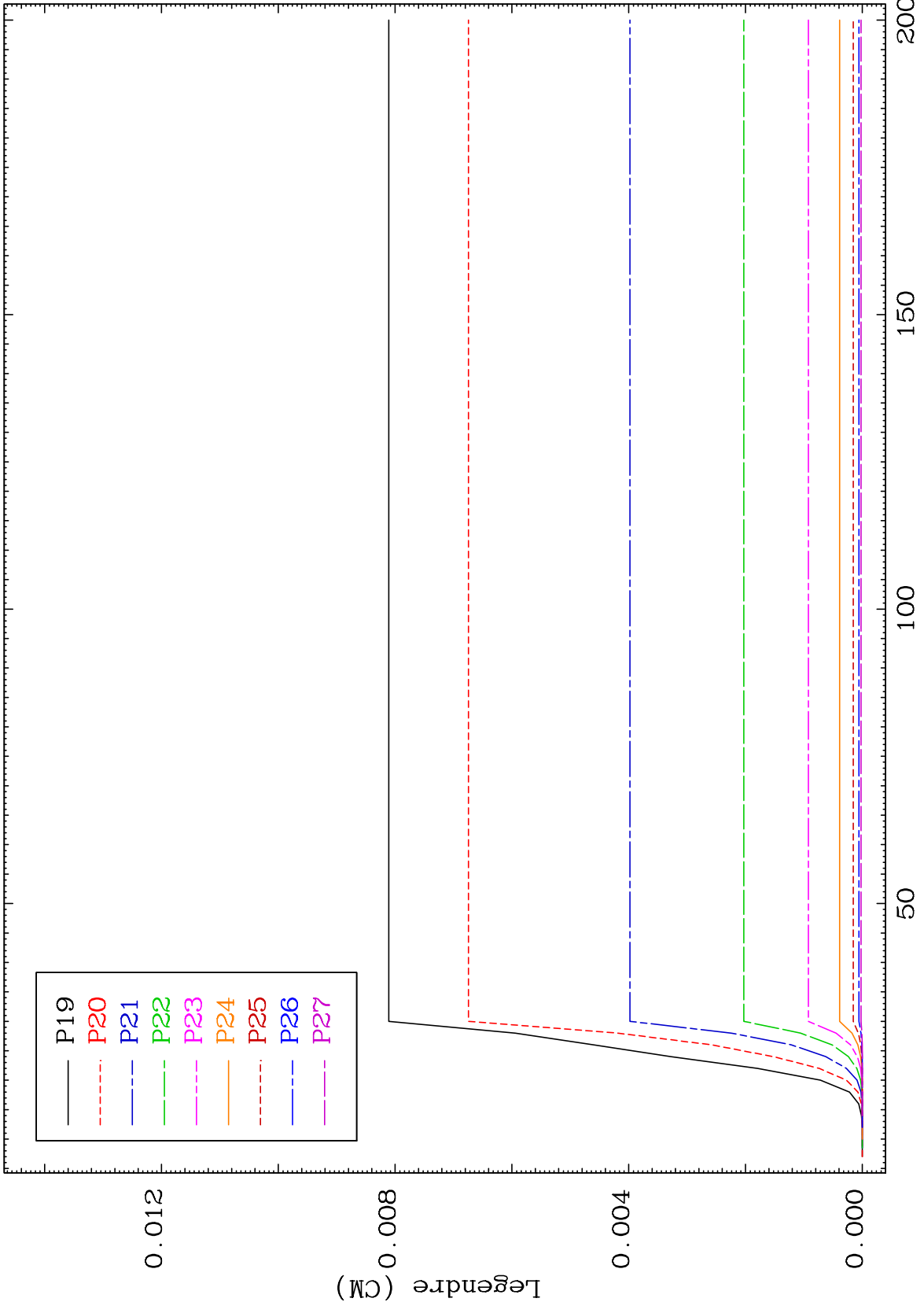
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150



49

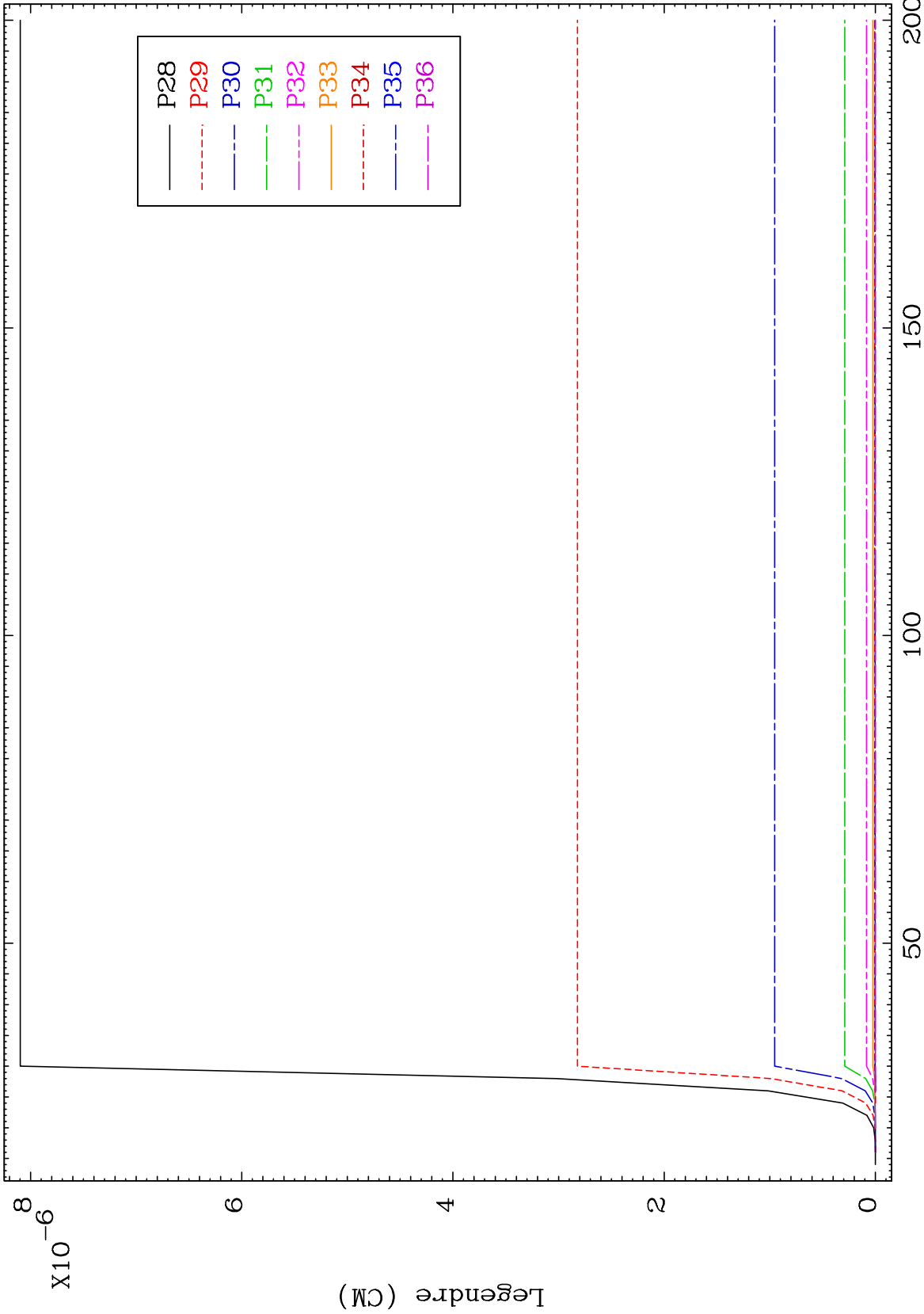
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150

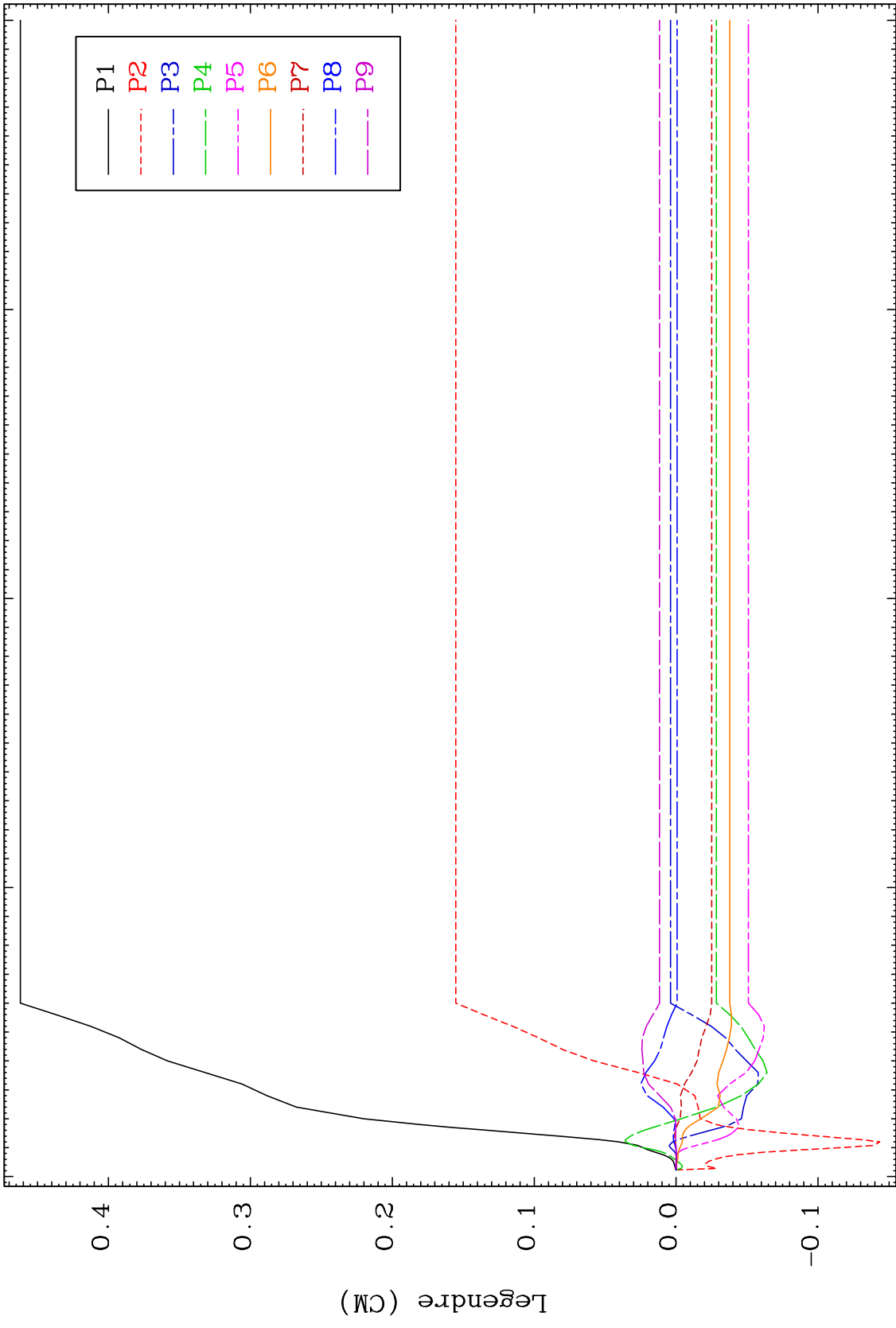


50

Incident Energy (MeV)

60-Nd-150

MAT 6049 MT= 59 (n,n') Level Legendre Coefficients 60-Nd-150



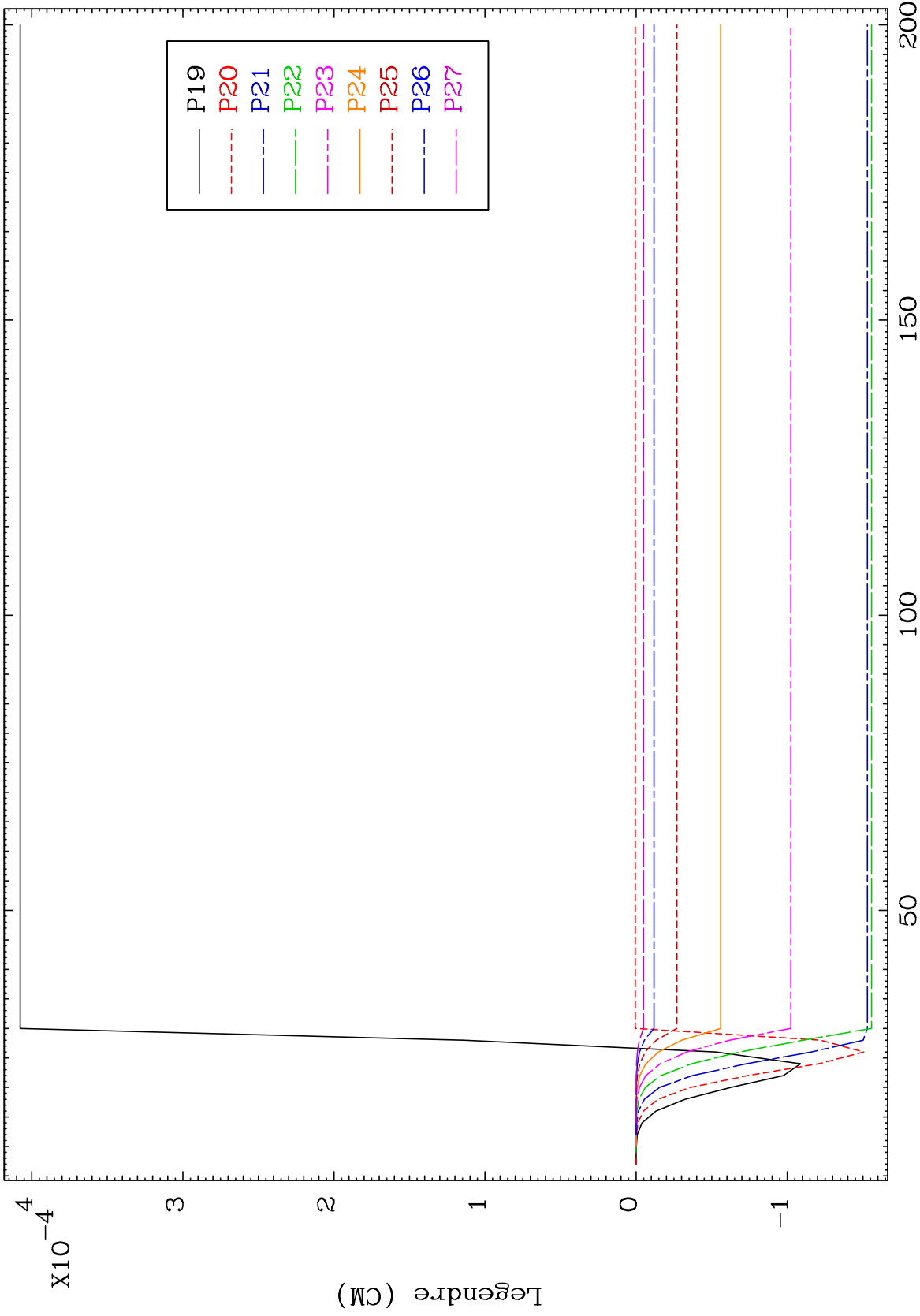
51 60-Nd-150



MAT 6049

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

60-Nd-150



53

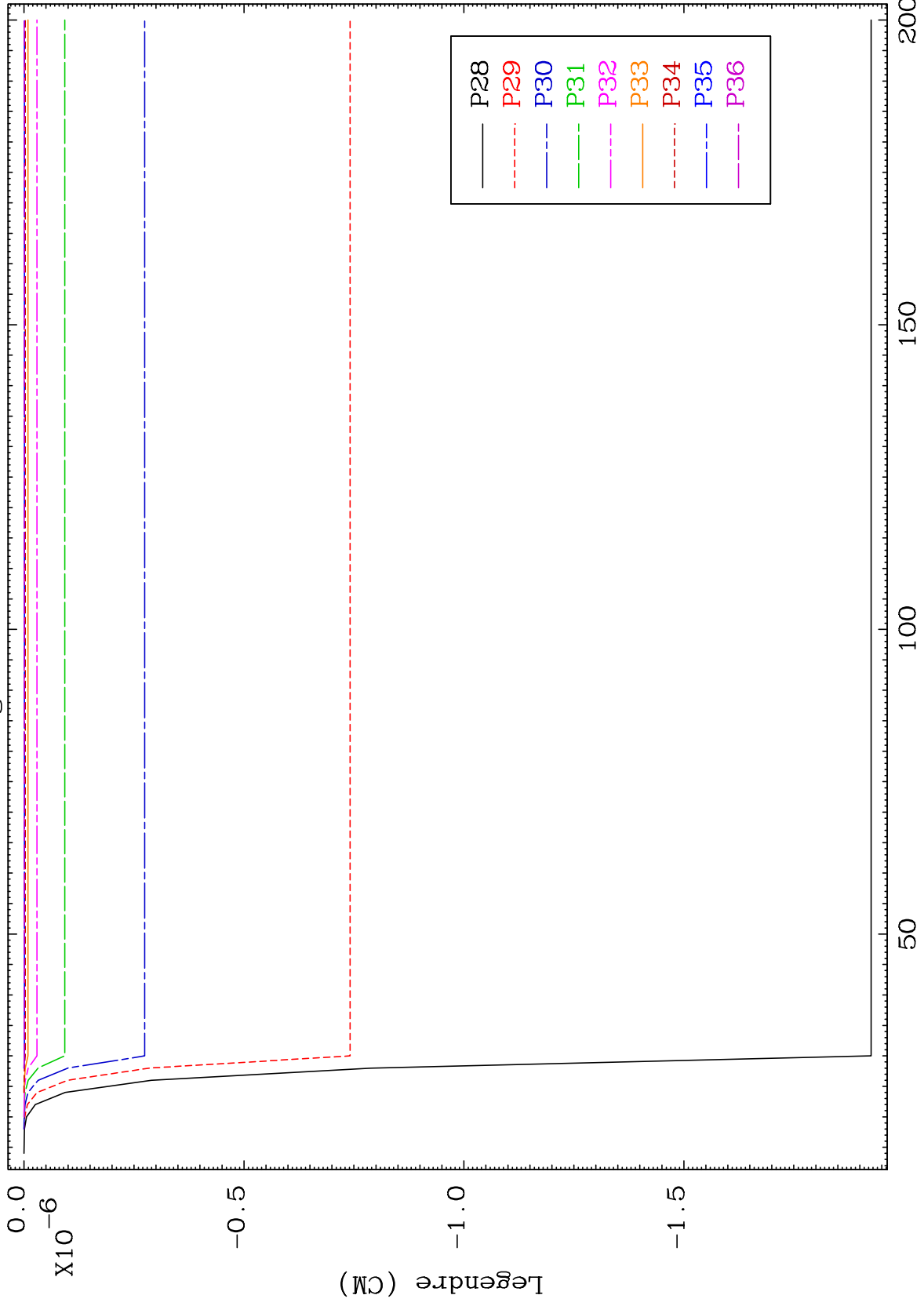
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150

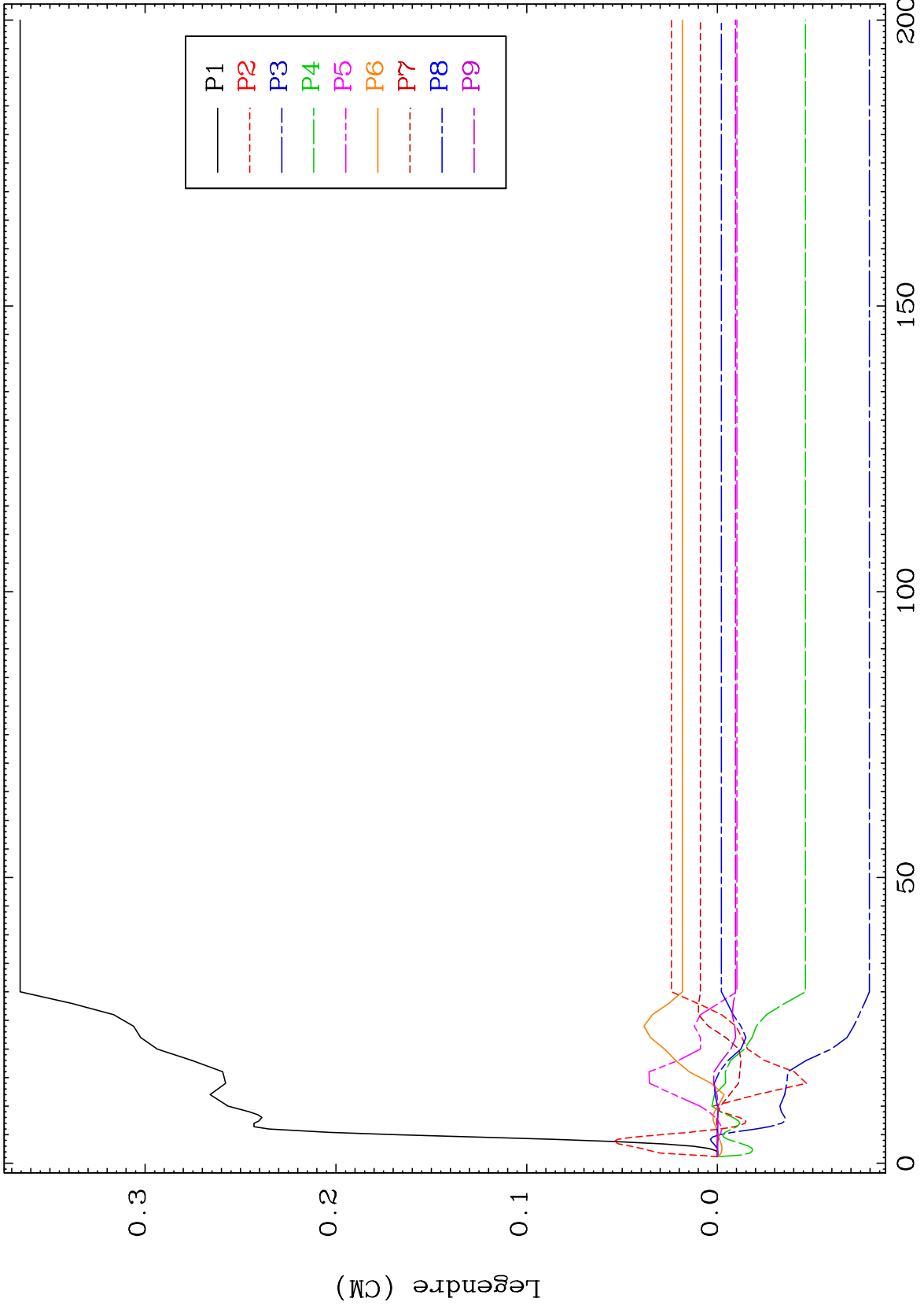


54

Incident Energy (MeV)

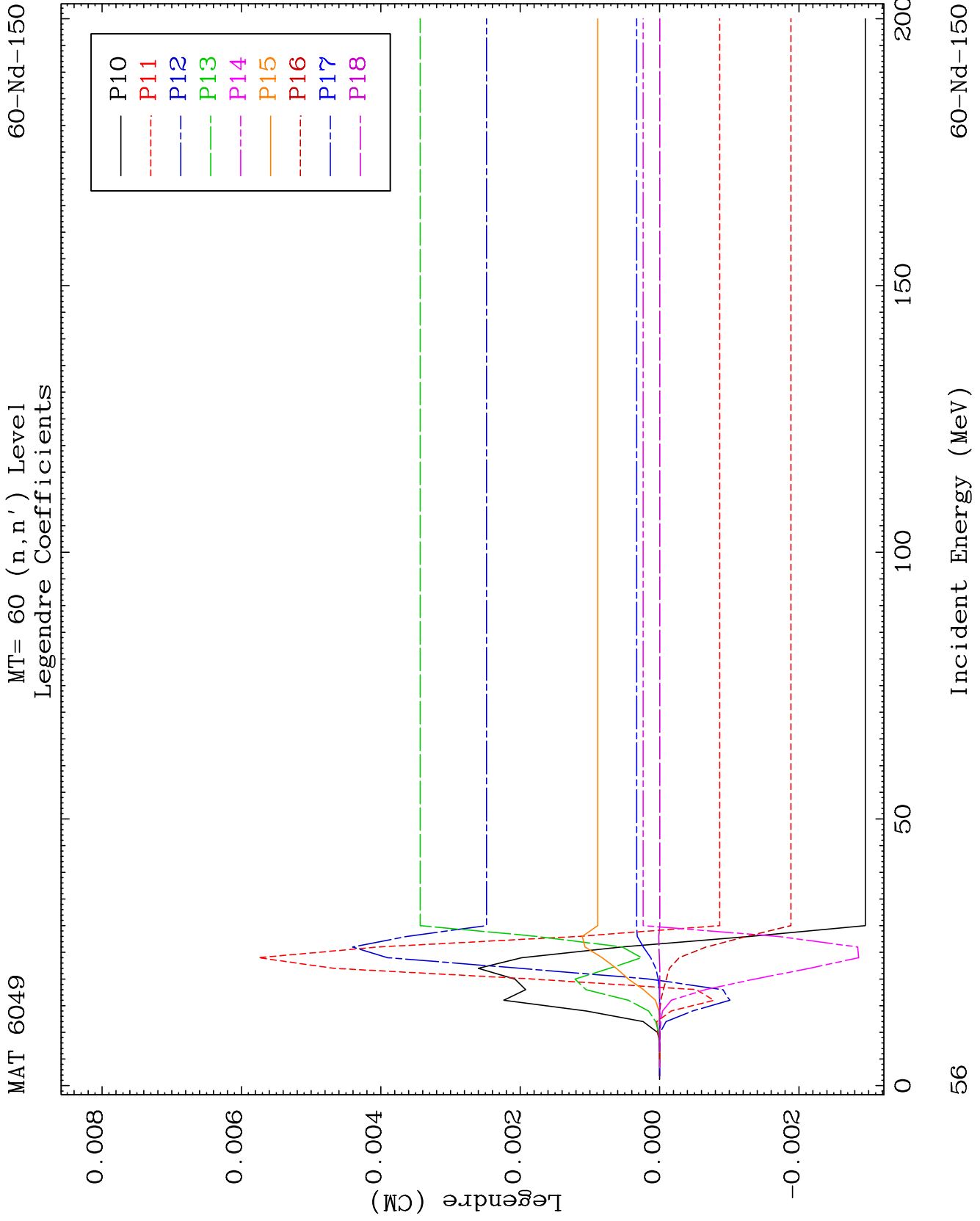
60-Nd-150

MAT 6049 MT= 60 (n,n') Level Legendre Coefficients 60-Nd-150



55 Incident Energy (MeV) 60-Nd-150

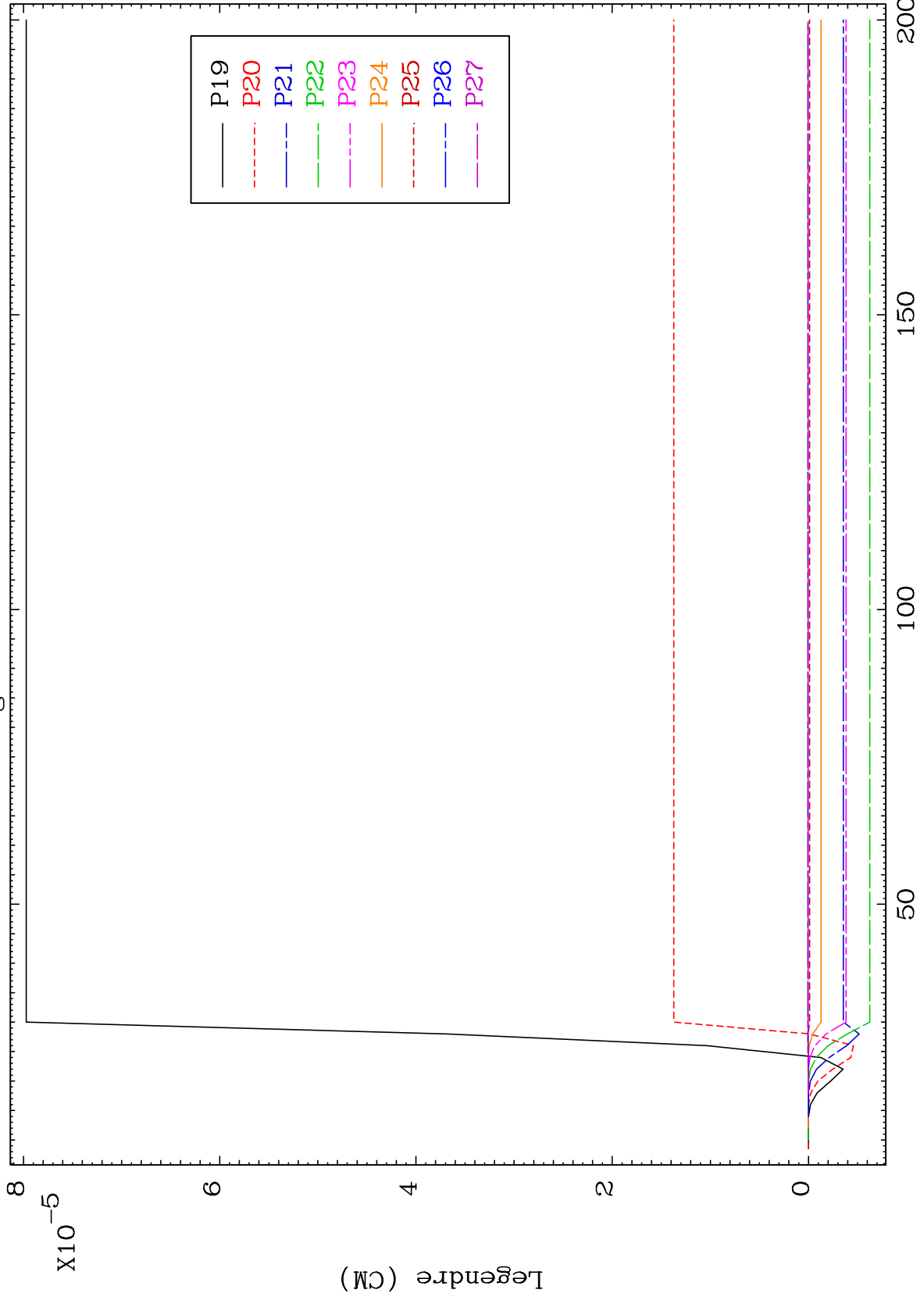




MAT 6049

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

60-Nd-150



57

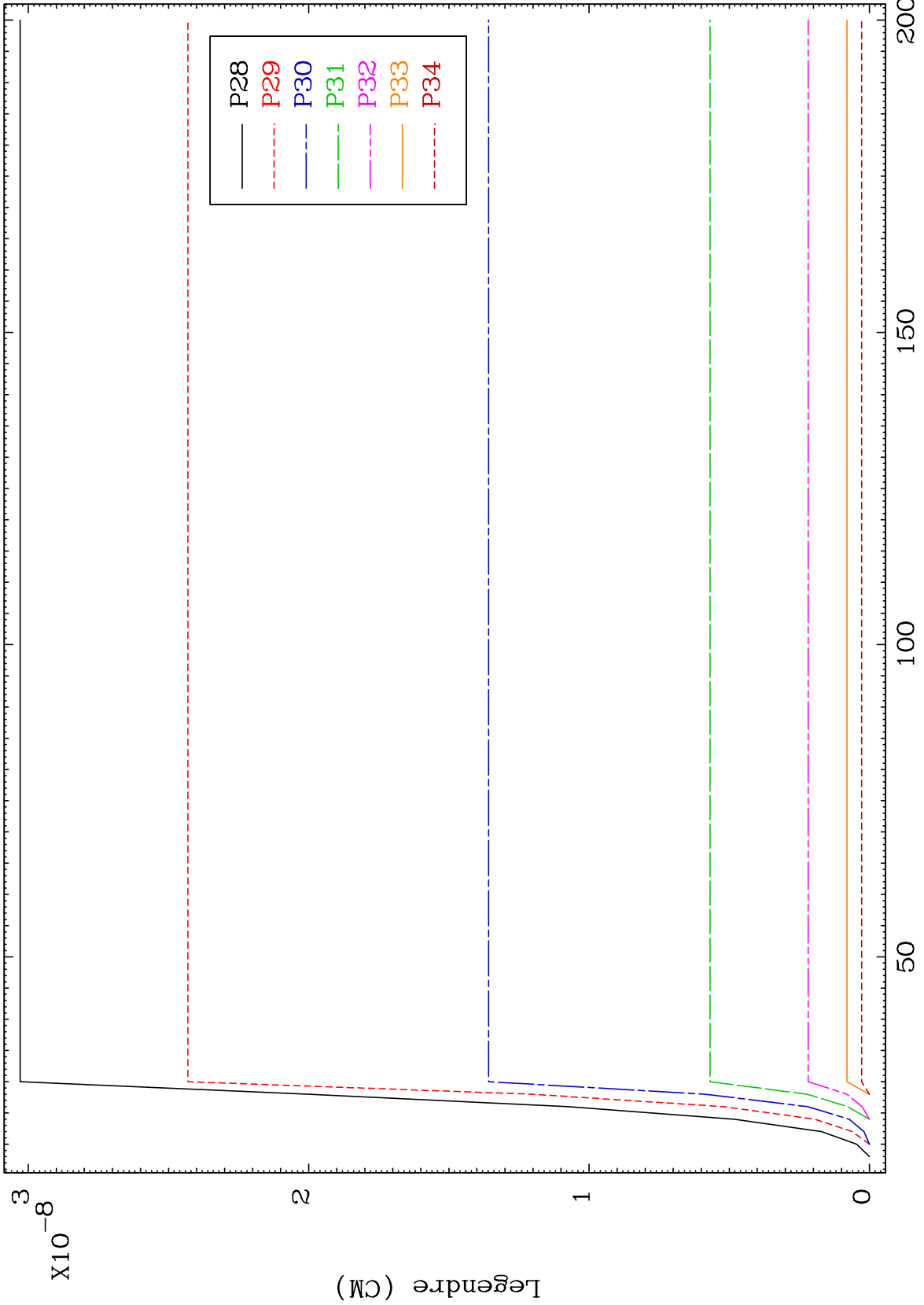
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

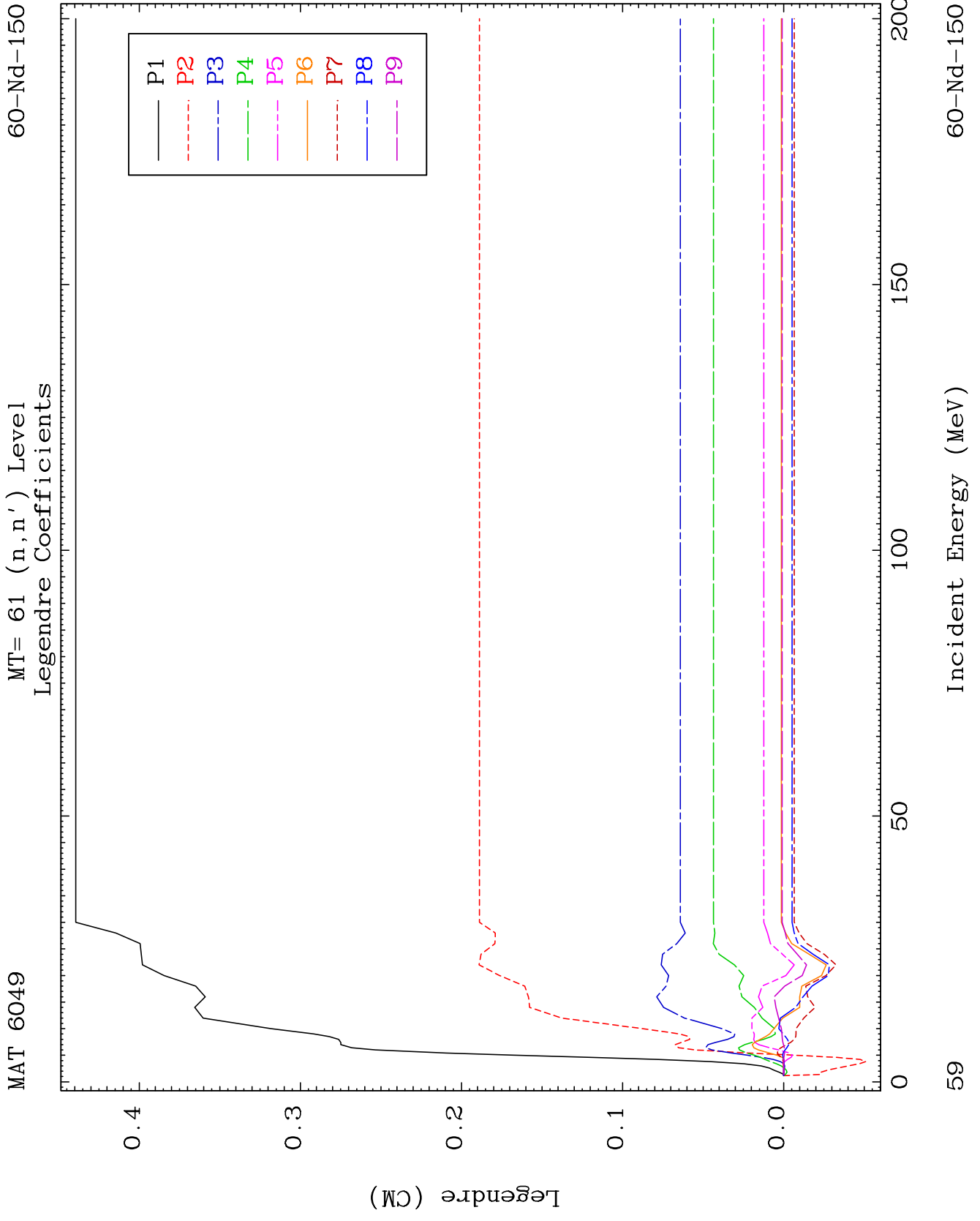
60-Nd-150



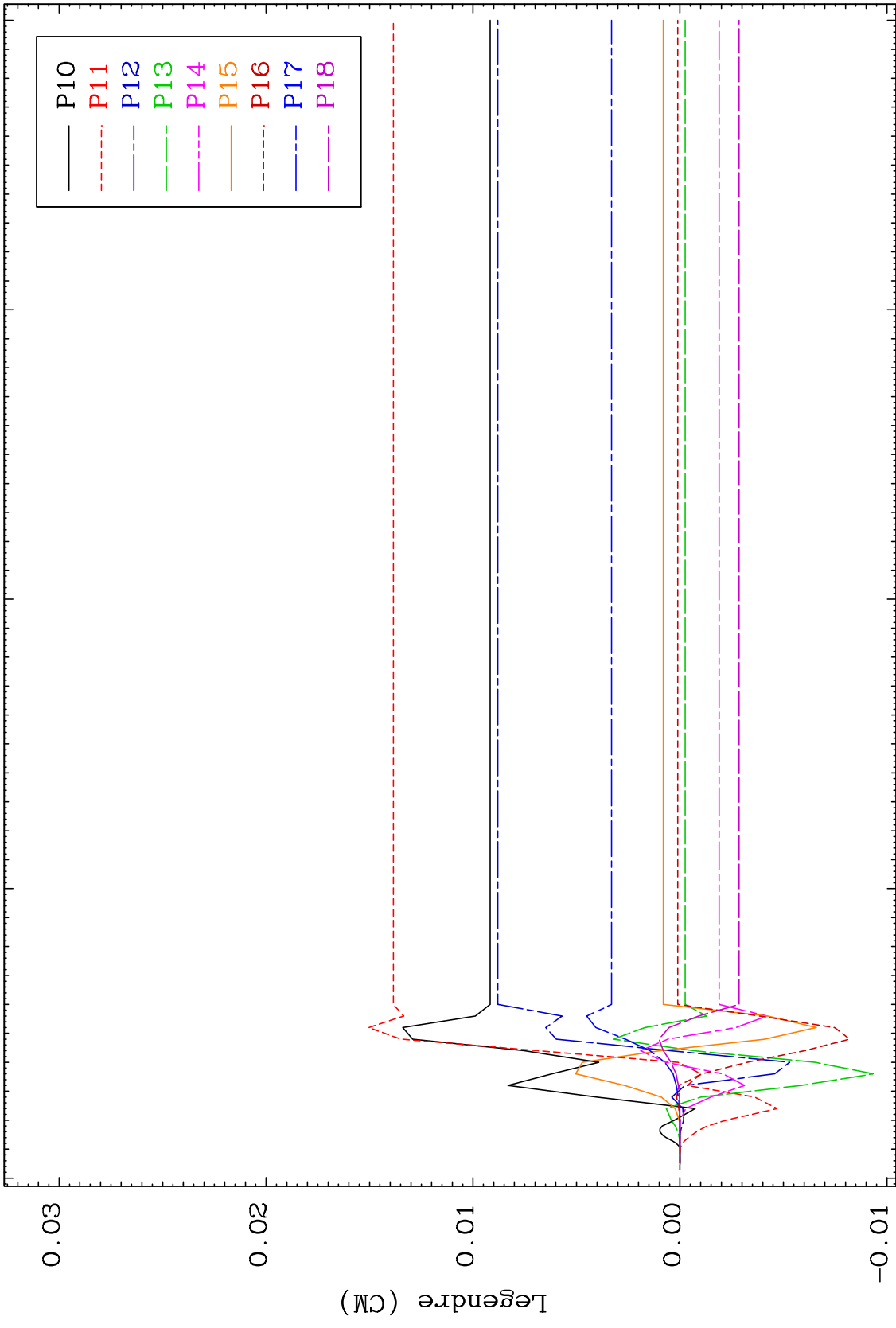
58

Incident Energy (MeV)

60-Nd-150

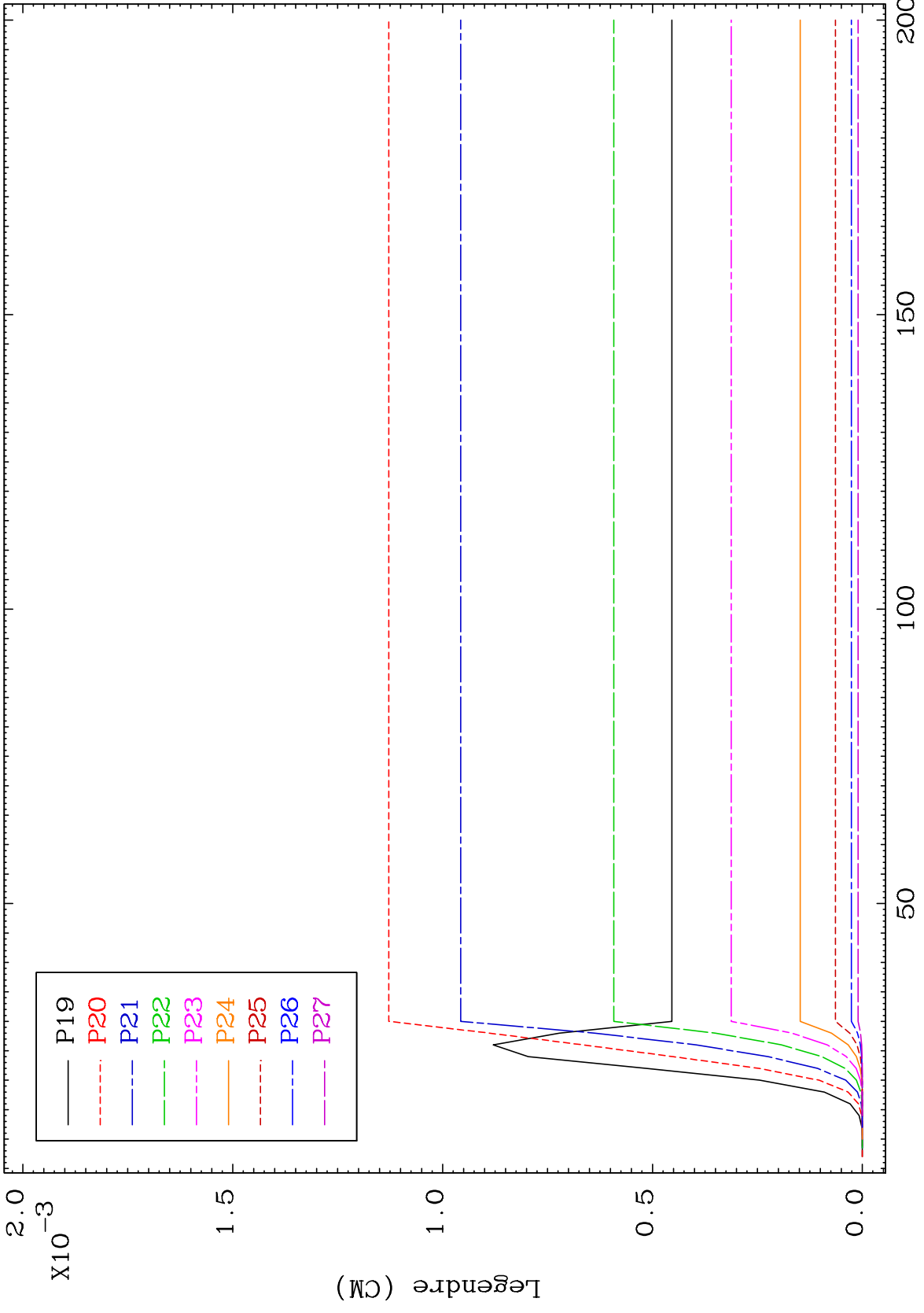


MAT 6049 MT= 61 (n,n') Level Legendre Coefficients 60-Nd-150



60-Nd-150 Incident Energy (MeV)

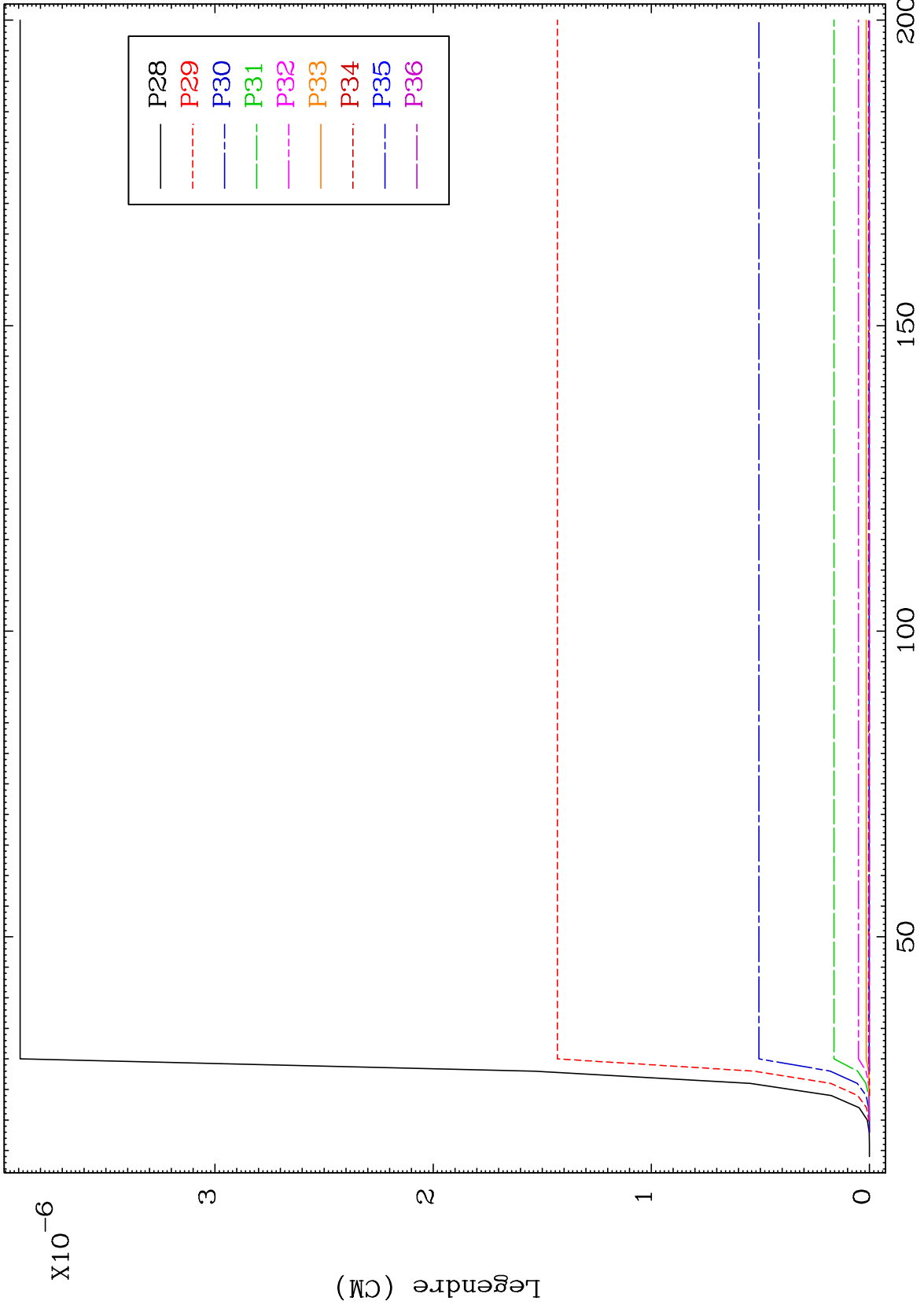
MAT 6049 MT= 61 (n,n') Level Legendre Coefficients 60-Nd-150



MAT 6049

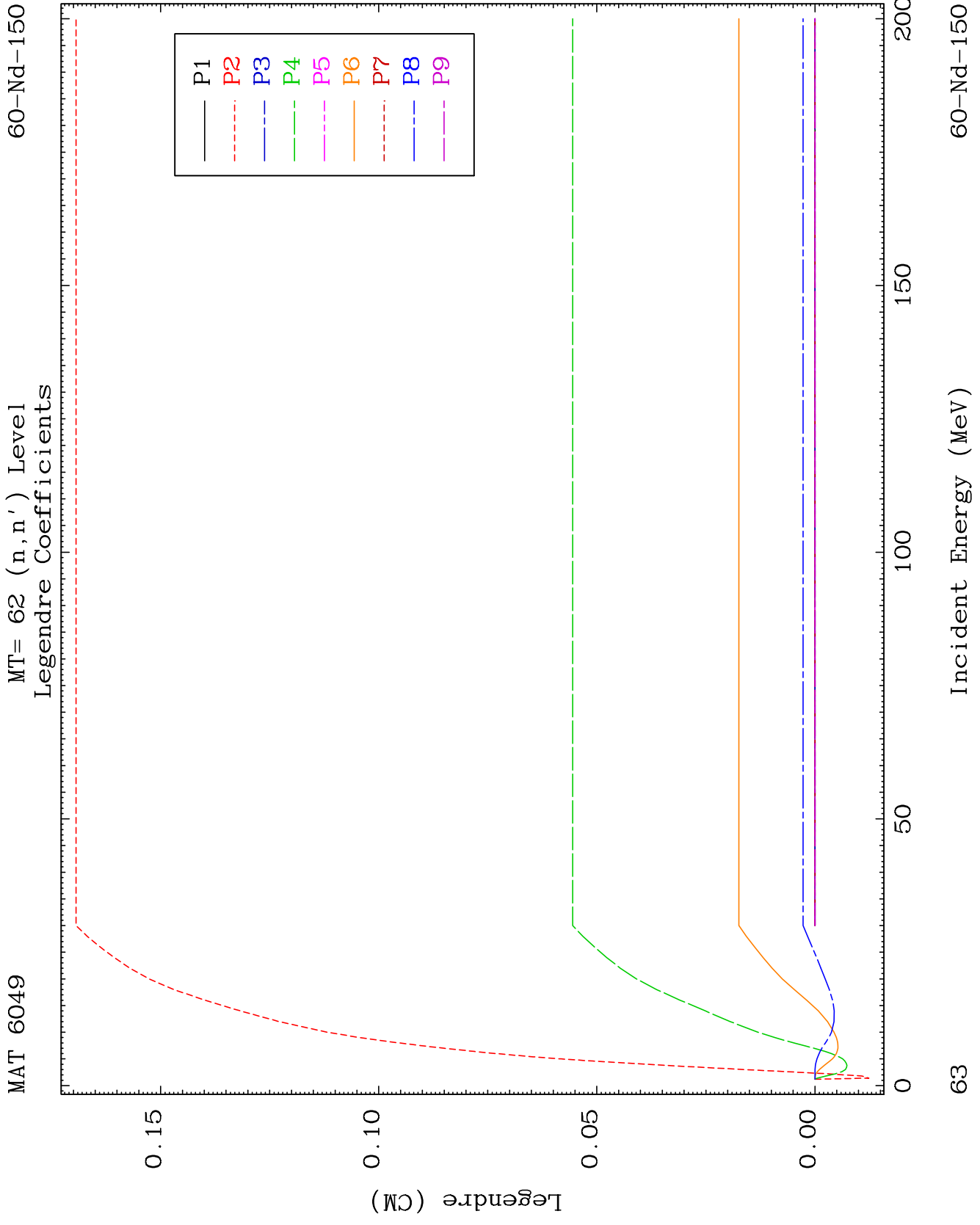
MT= 61 (n,n') Level  
Legendre Coefficients

60-Nd-150



62

60-Nd-150

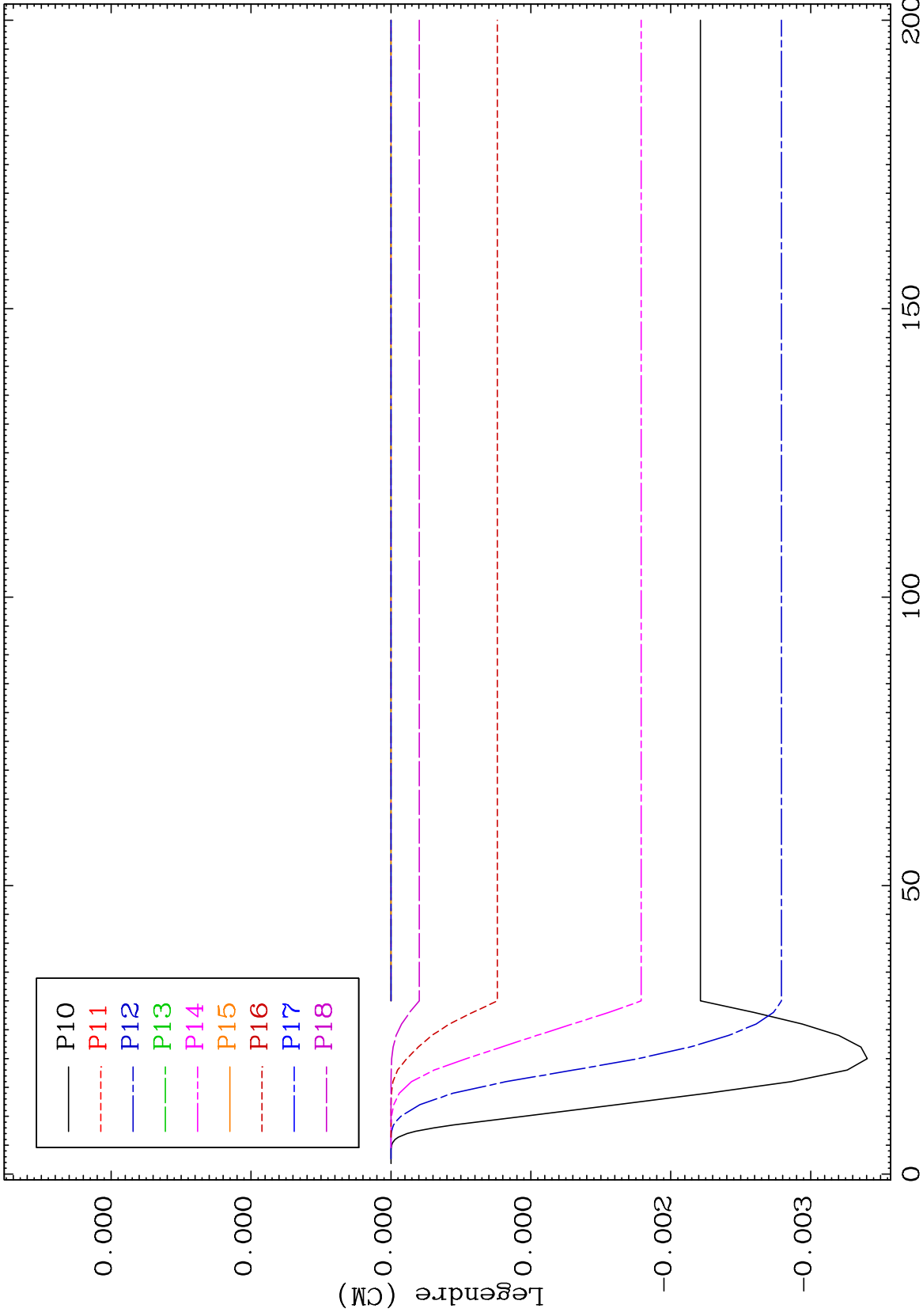




MAT 6049

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

60-Nd-150

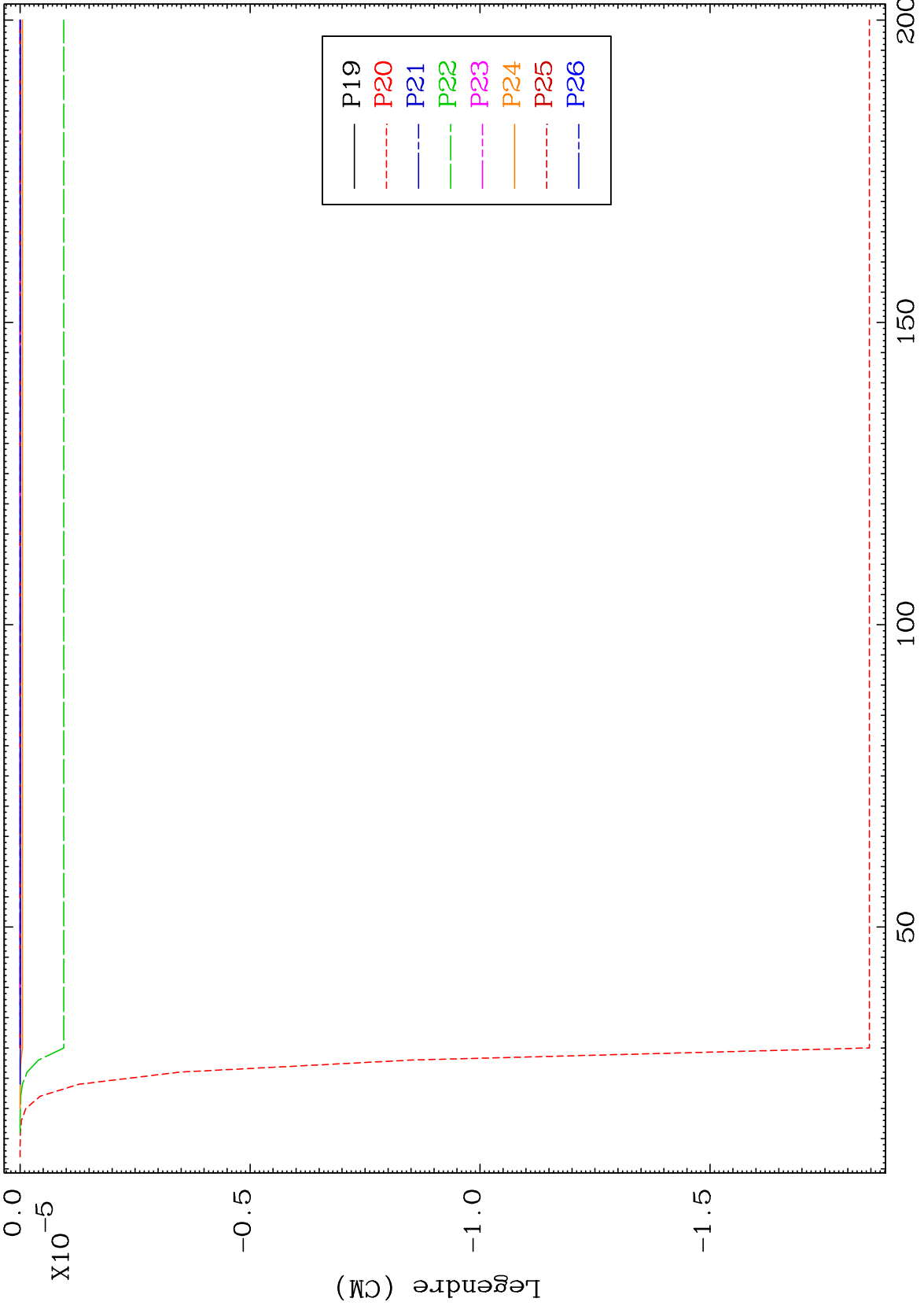


64

Incident Energy (MeV)

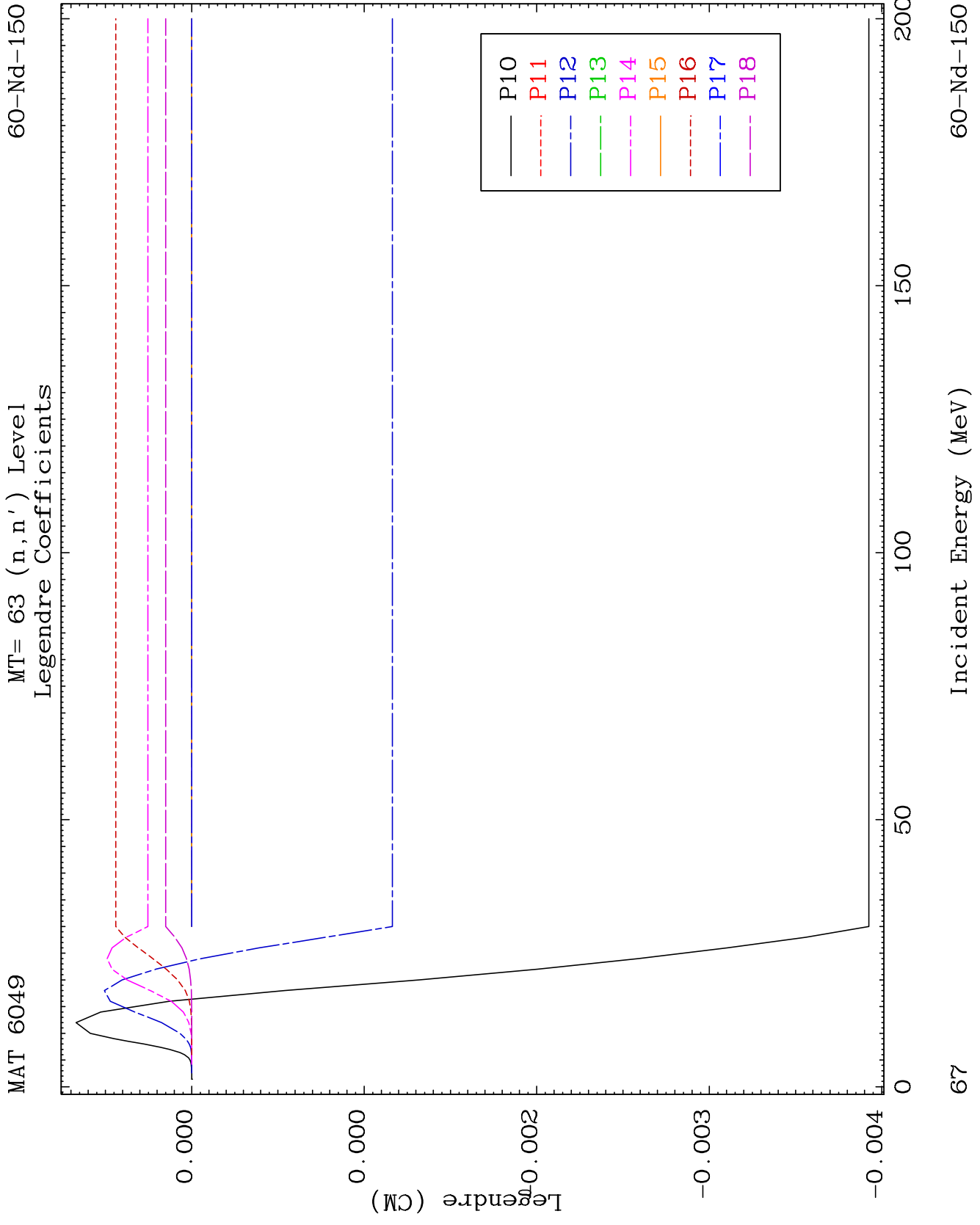
60-Nd-150

MAT 6049 MT= 62 (n,n') Level Legendre Coefficients 60-Nd-150

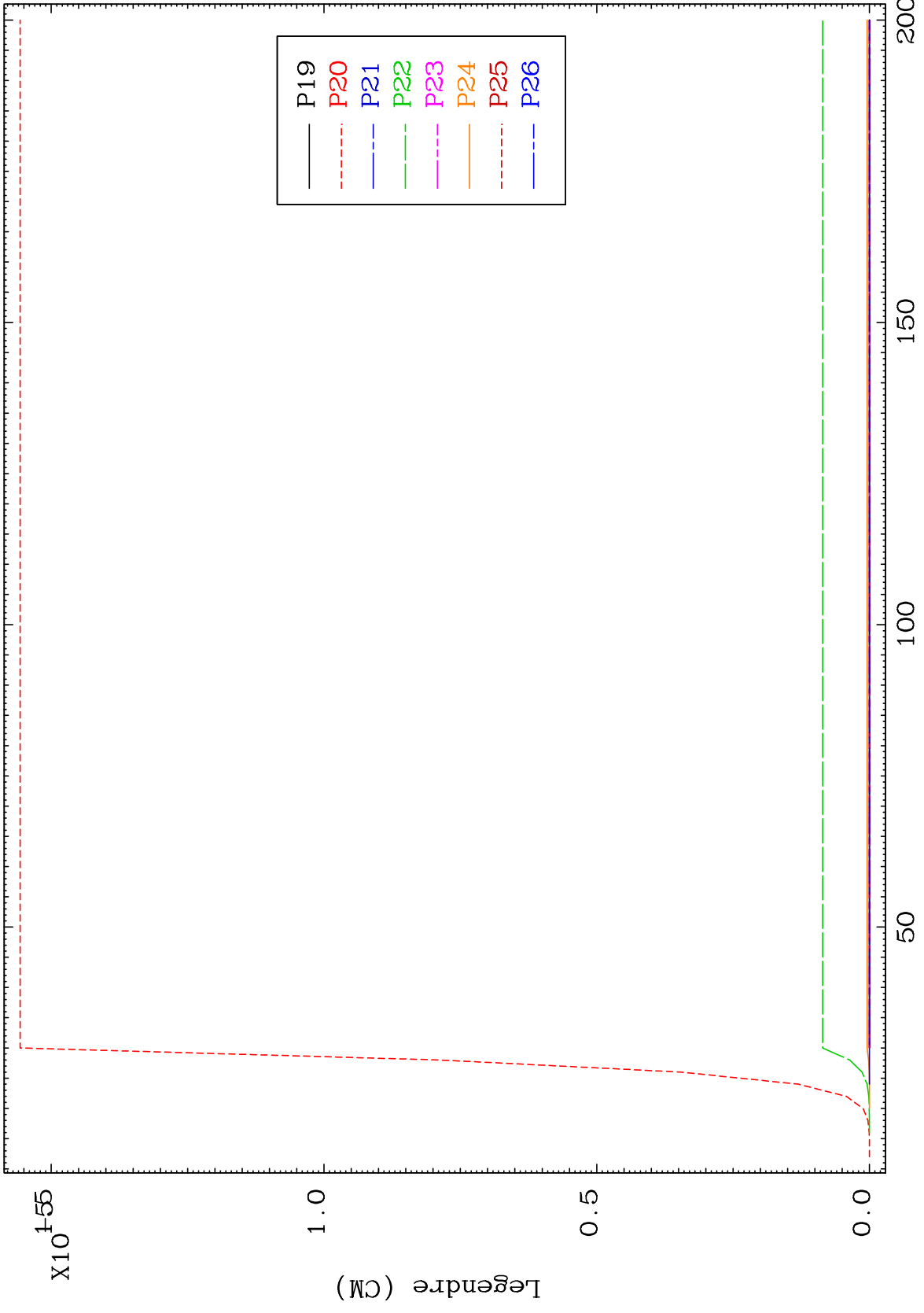


65 60-Nd-150



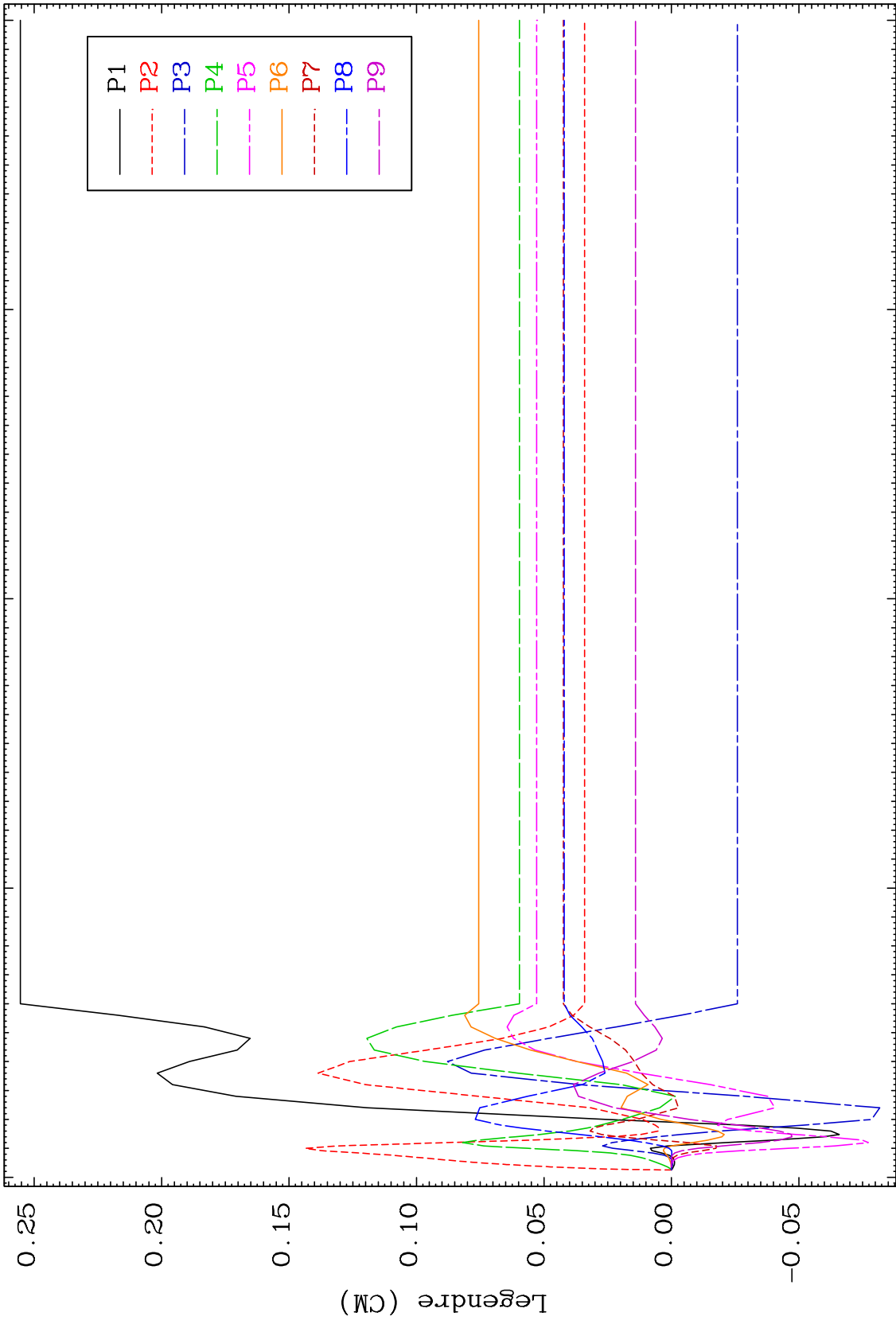


MAT 6049 MT= 63 (n,n') Level Legendre Coefficients 60-Nd-150



68 Incident Energy (MeV) 60-Nd-150

MAT 6049 MT= 64 (n,n') Level Legendre Coefficients 60-Nd-150



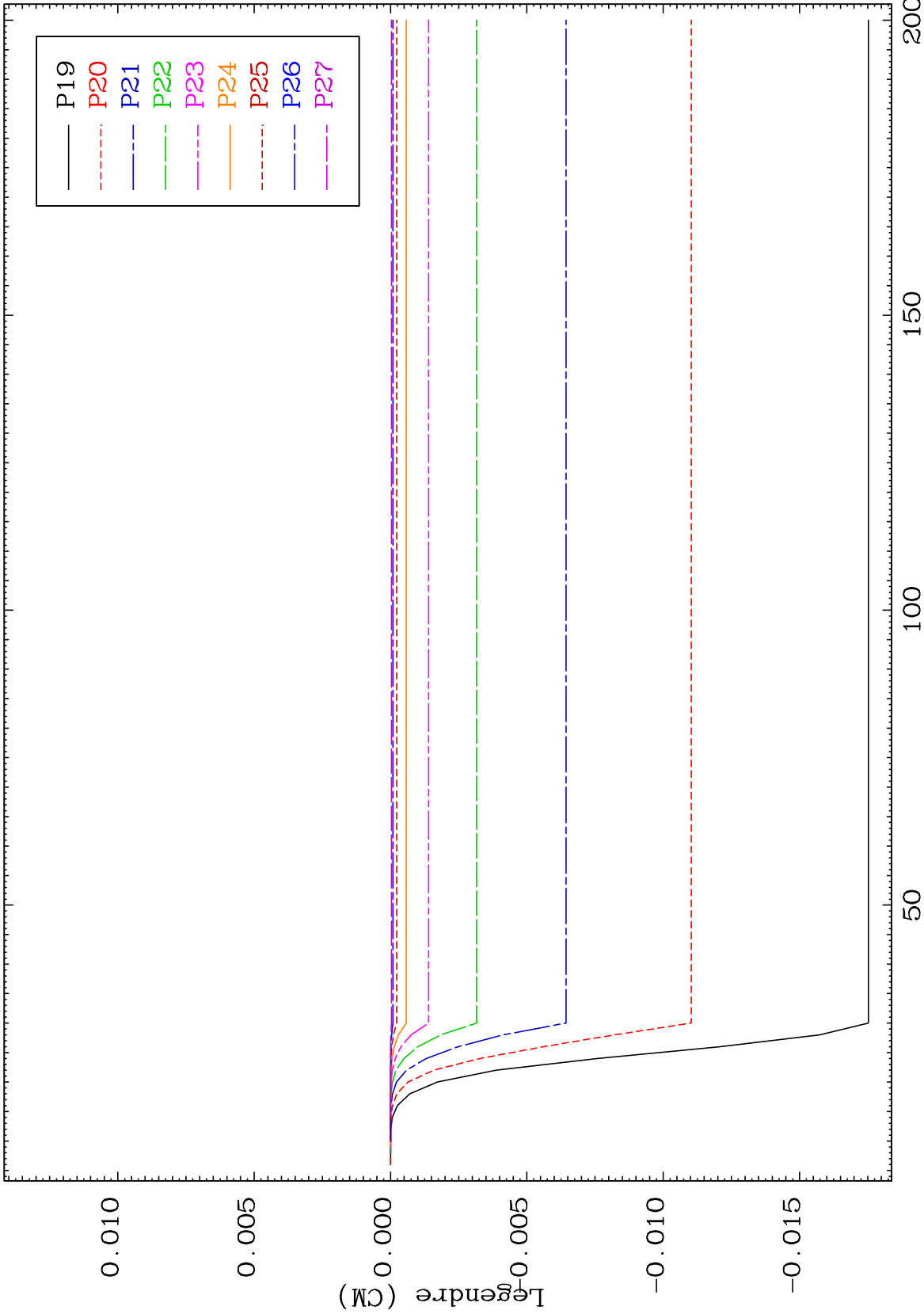
69 60-Nd-150



MAT 6049

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

60-Nd-150

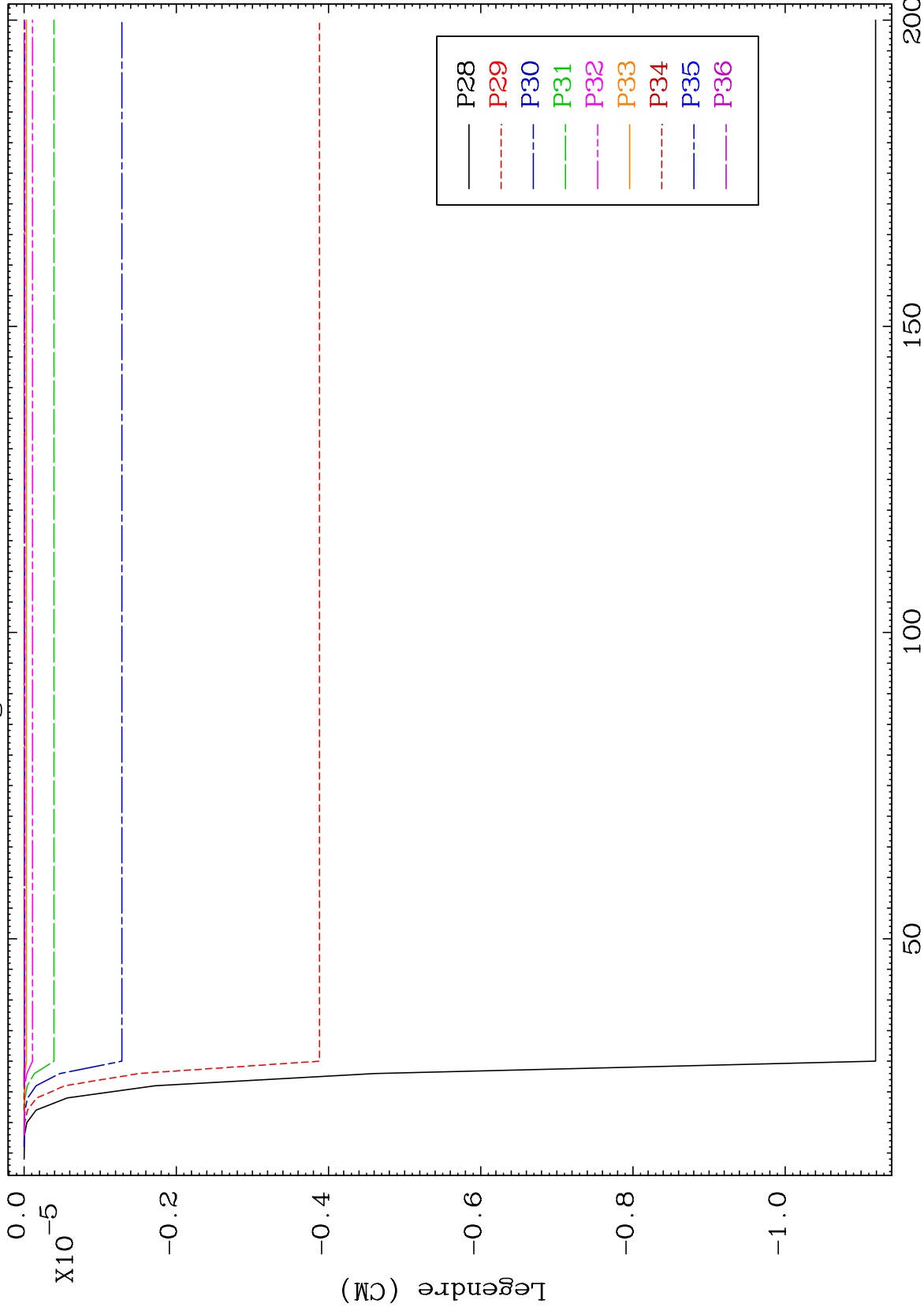




MAT 6049

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

60-Nd-150

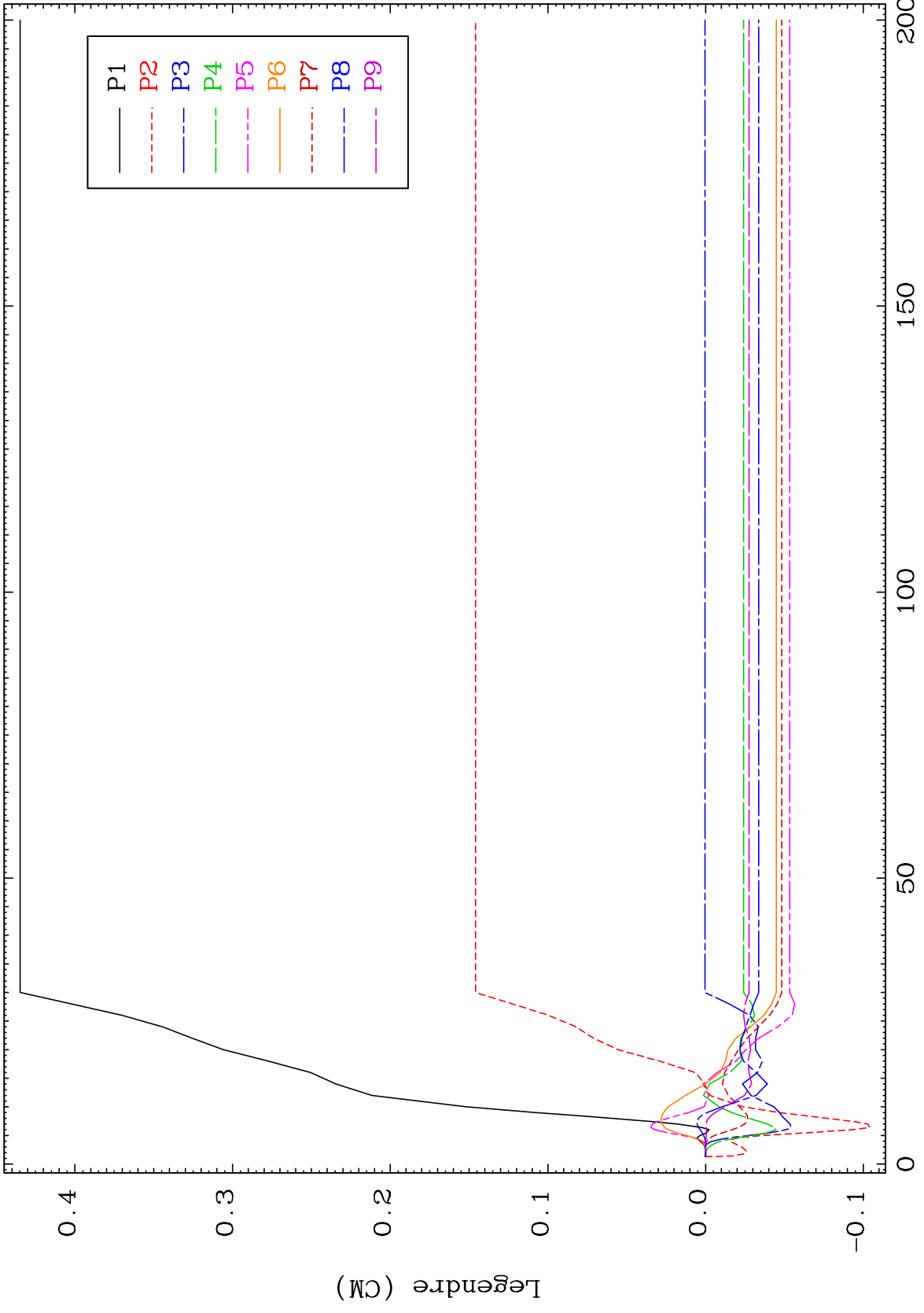


60-Nd-150

Incident Energy (MeV)

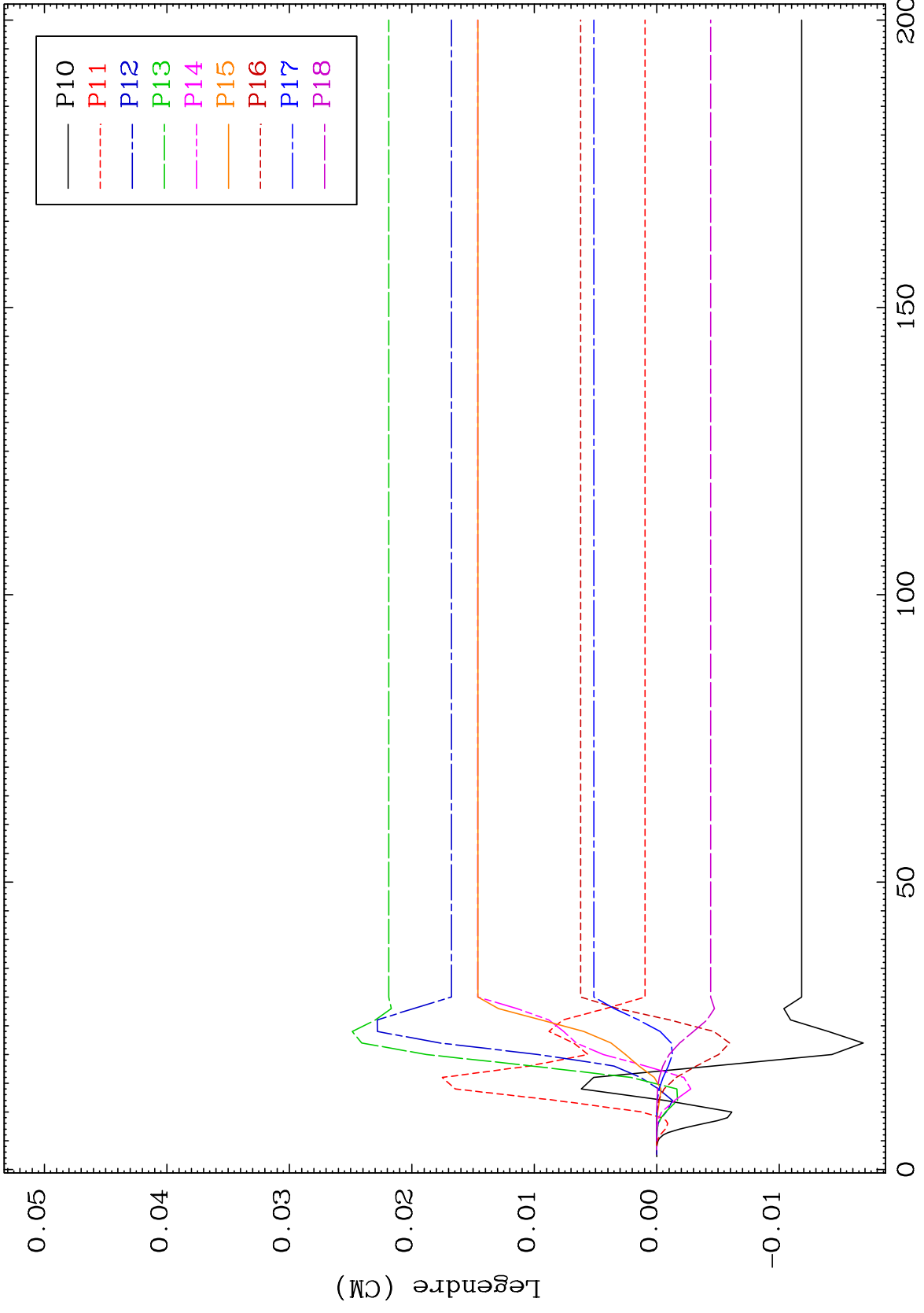
72

MAT 6049 MT= 65 (n,n') Level Legendre Coefficients 60-Nd-150



73 Incident Energy (MeV) 60-Nd-150

MAT 6049 MT= 65 (n,n') Level Legendre Coefficients 60-Nd-150

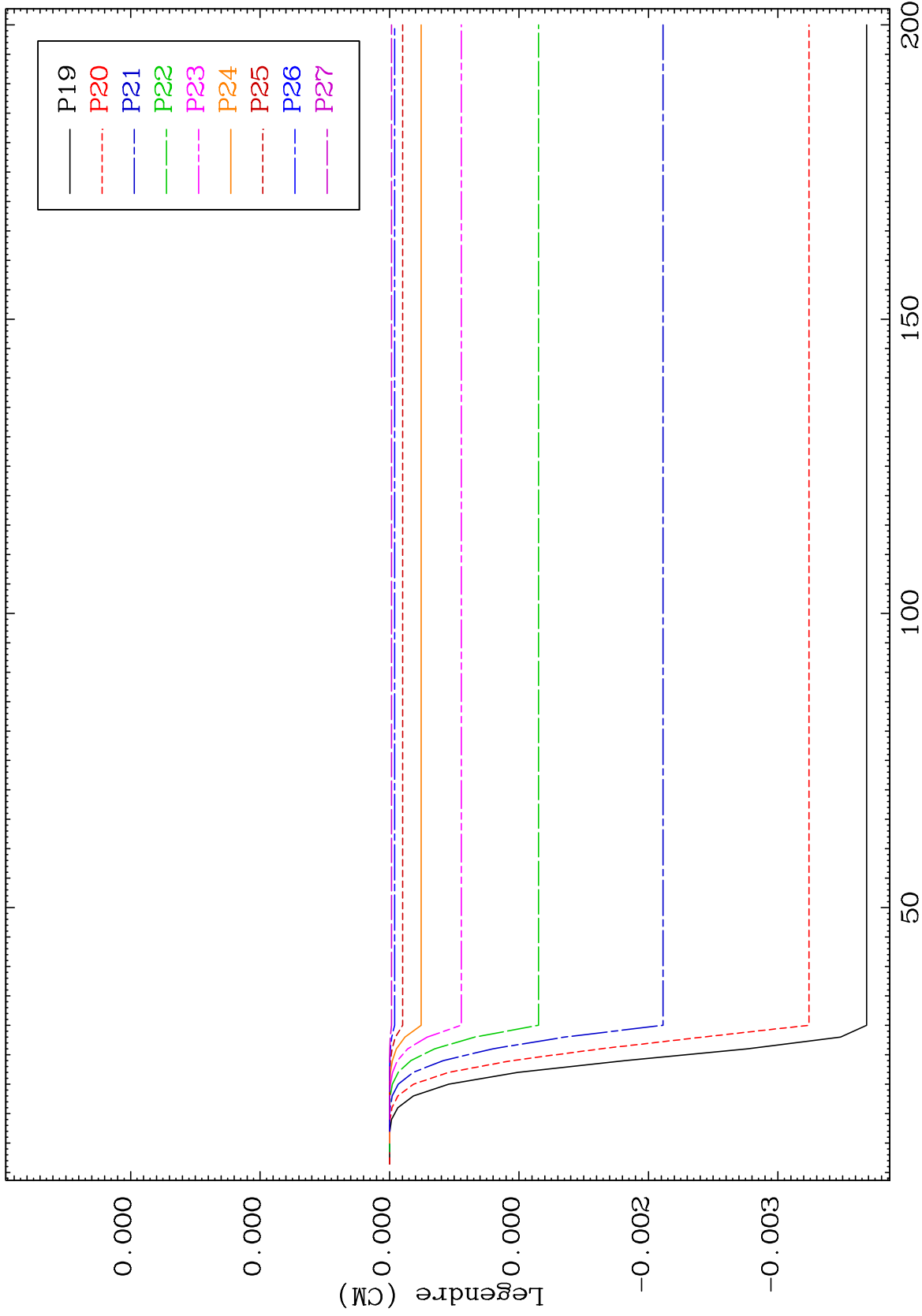


74 60-Nd-150

MAT 6049

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

60-Nd-150

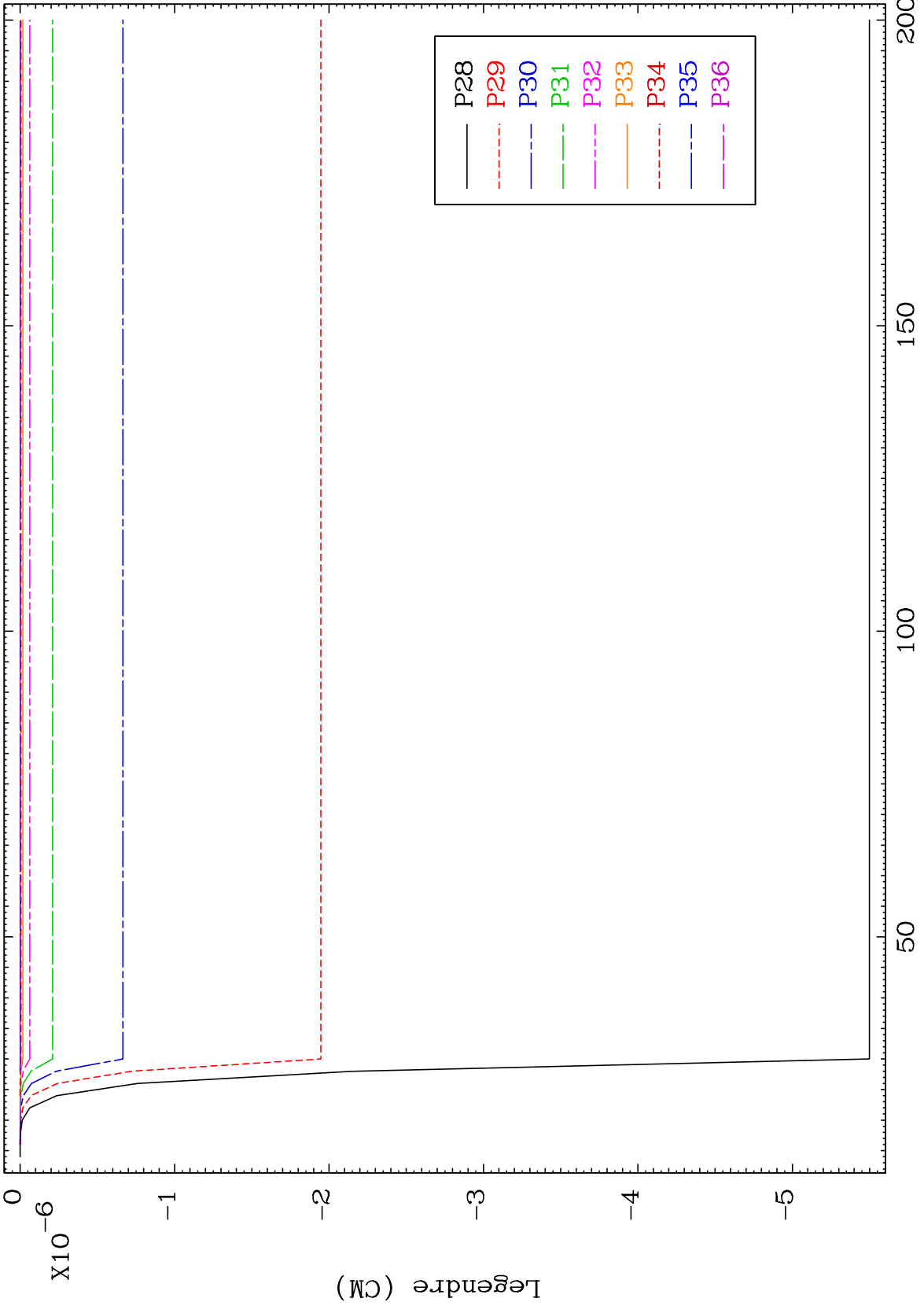


75

Incident Energy (MeV)

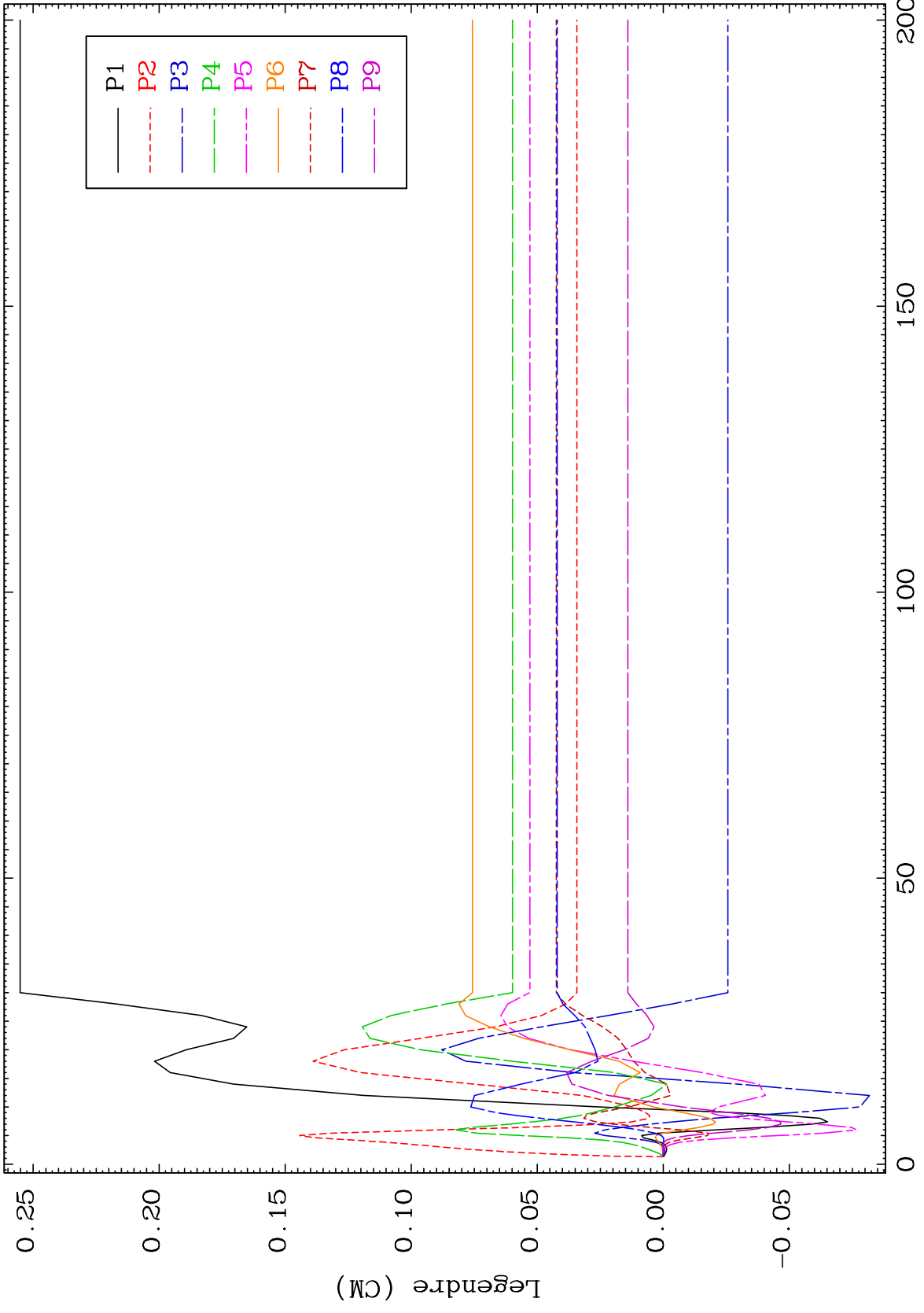
60-Nd-150

MAT 6049 MT= 65 (n,n') Level Legendre Coefficients 60-Nd-150



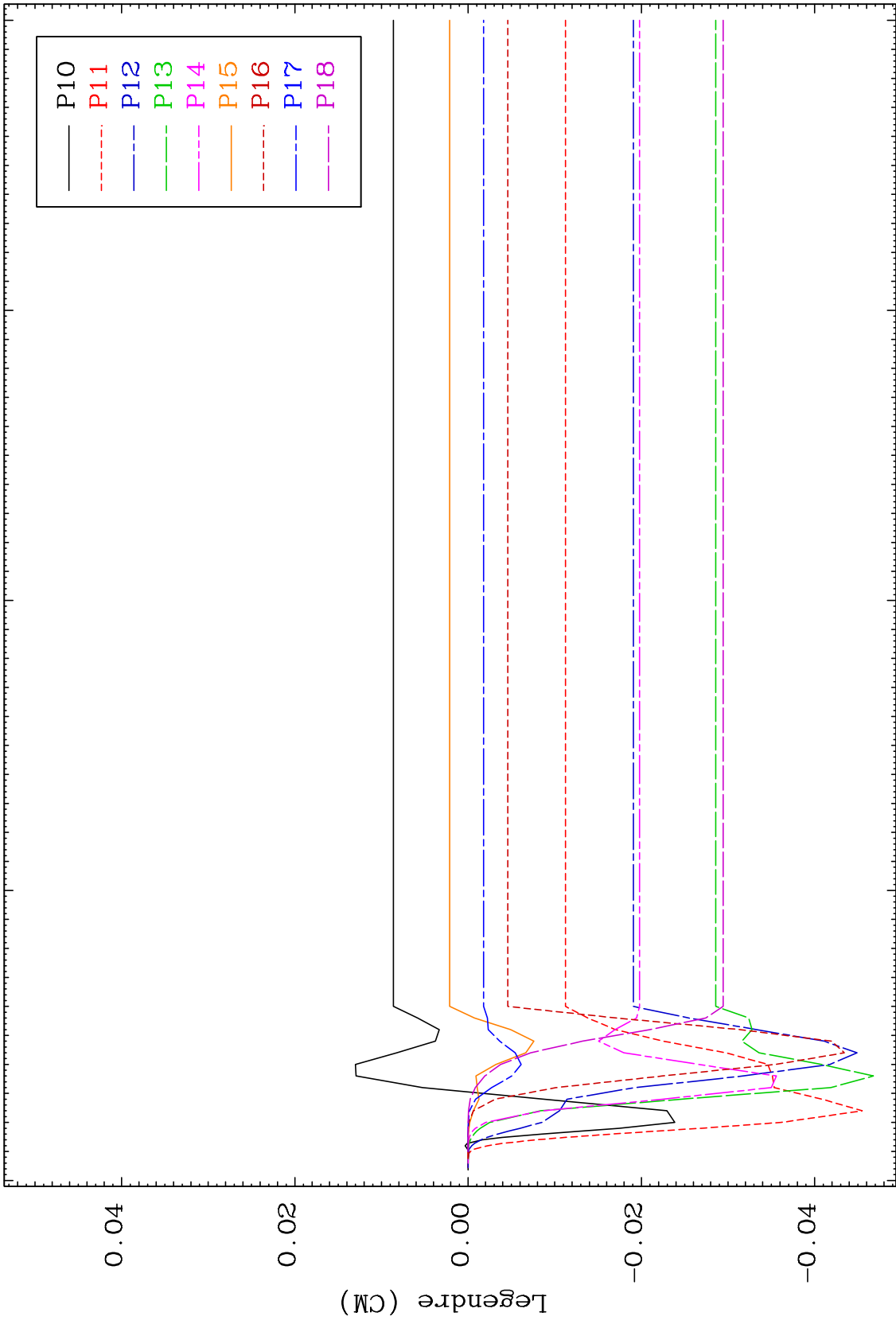
76 Incident Energy (MeV) 60-Nd-150

MAT 6049 MT= 66 (n,n') Level Legendre Coefficients 60-Nd-150



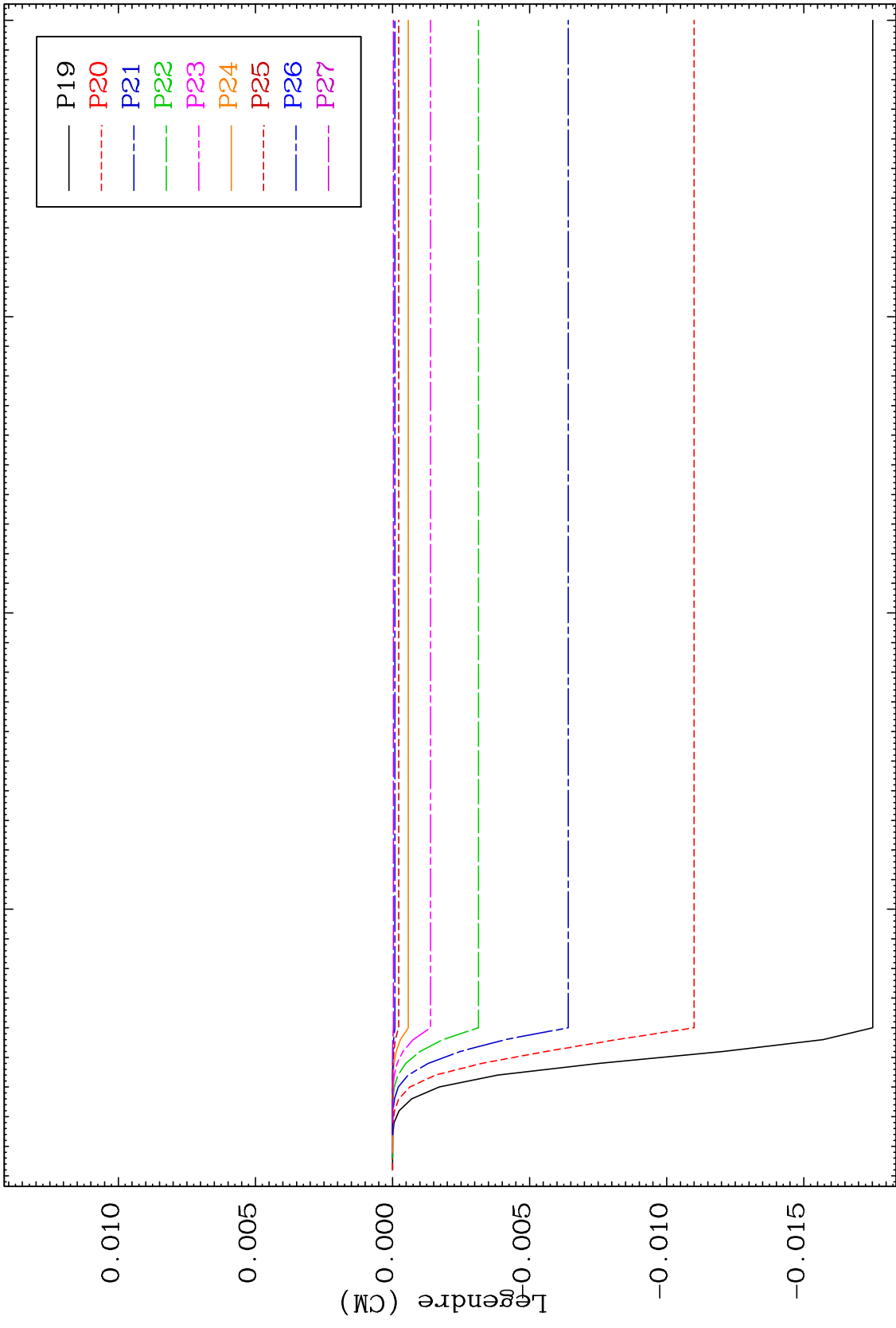
77 60-Nd-150

MAT 6049 MT= 66 (n,n') Level Legendre Coefficients 60-Nd-150



78 Incident Energy (MeV) 60-Nd-150

MAT 6049 MT= 66 (n,n') Level Legendre Coefficients 60-Nd-150



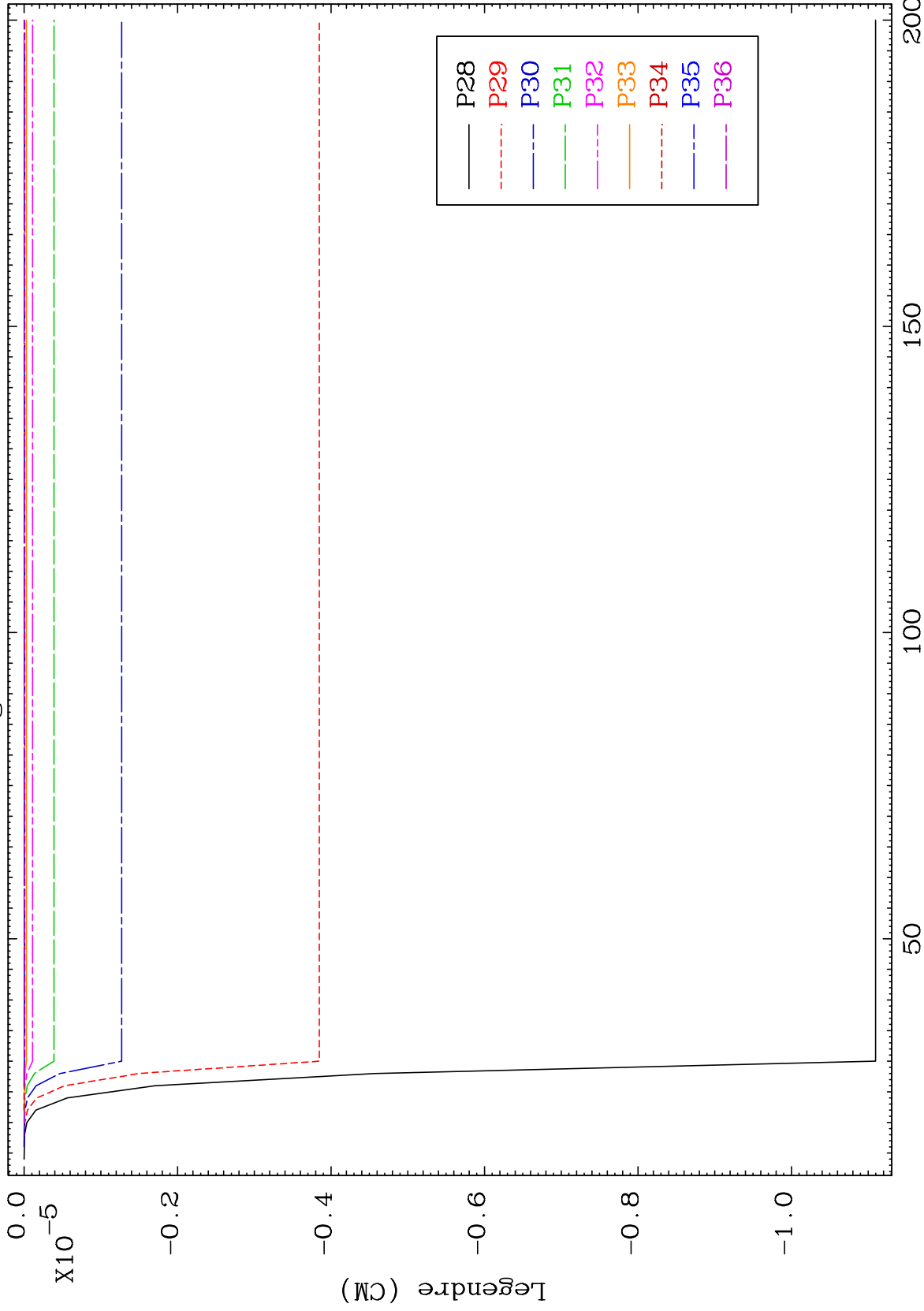
79 Incident Energy (MeV) 60-Nd-150



MAT 6049

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

60-Nd-150



80

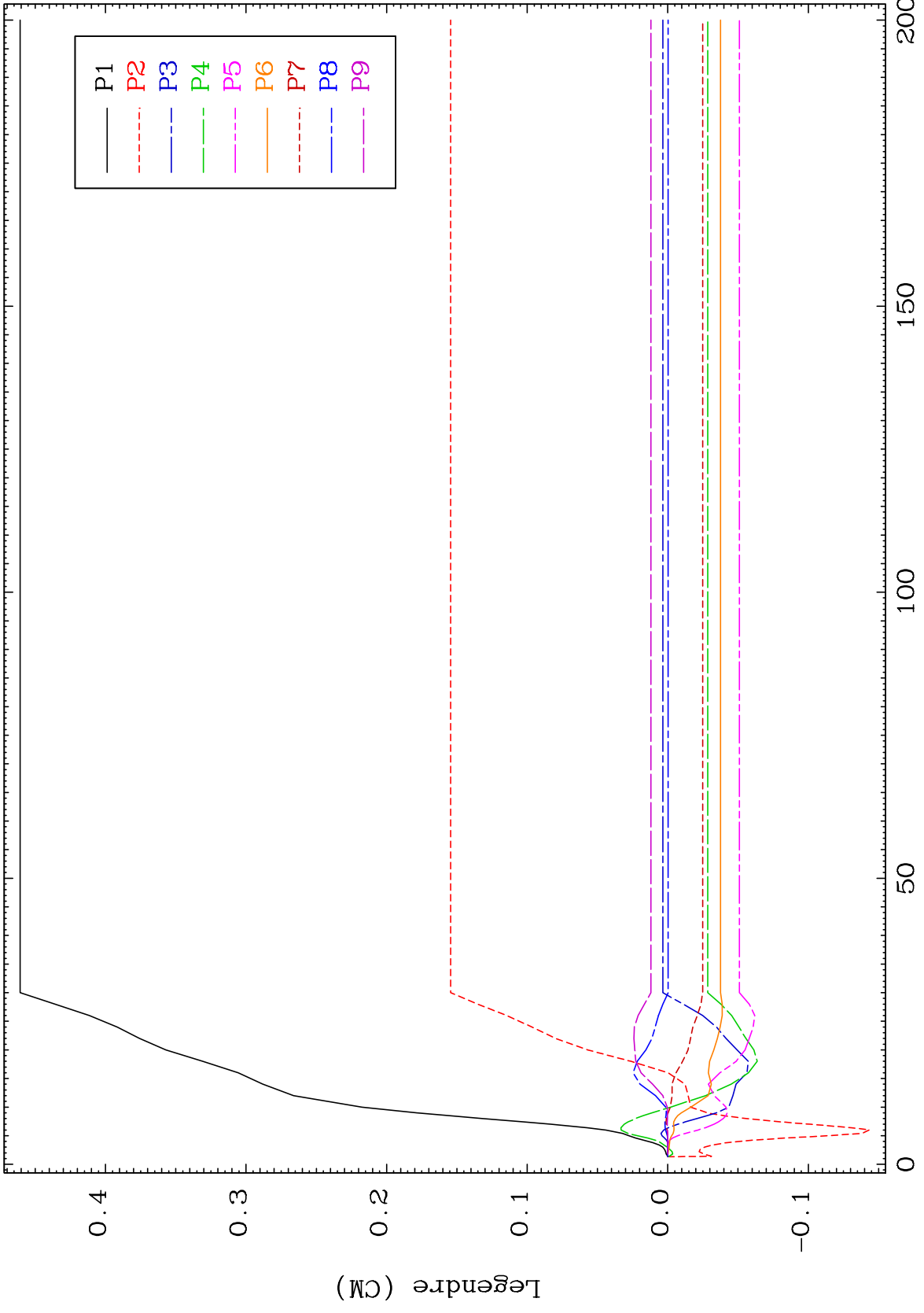
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150



81

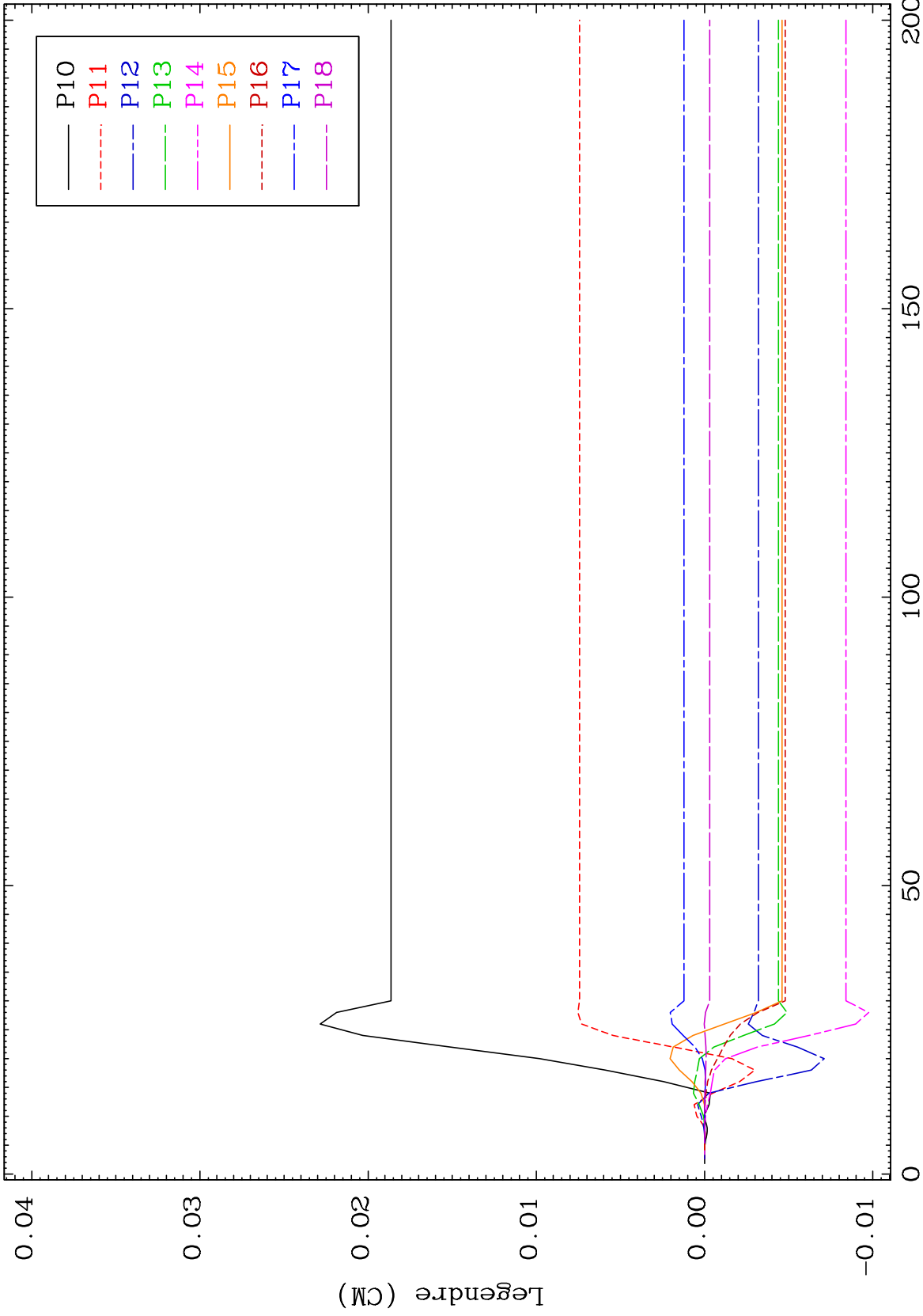
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

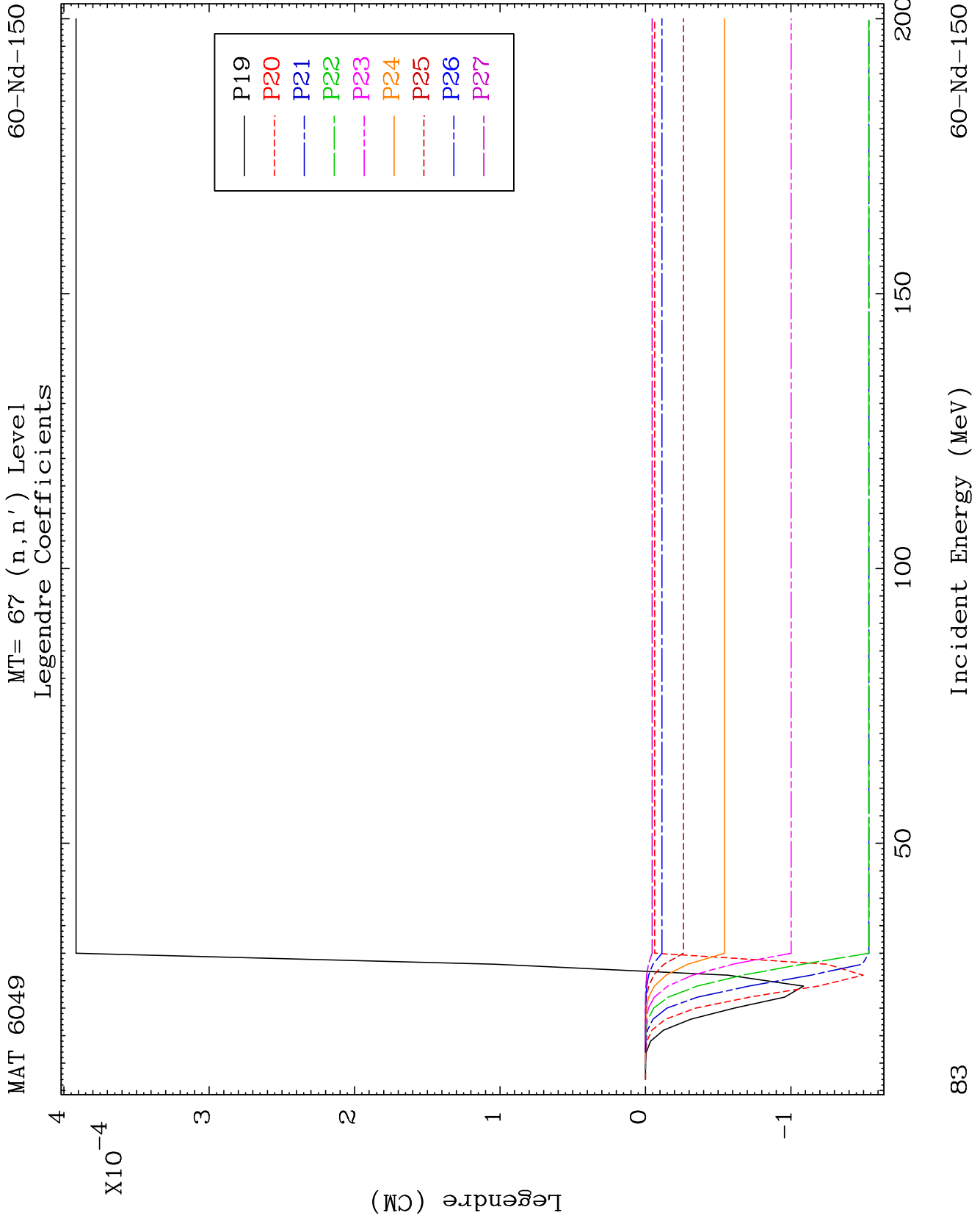
60-Nd-150



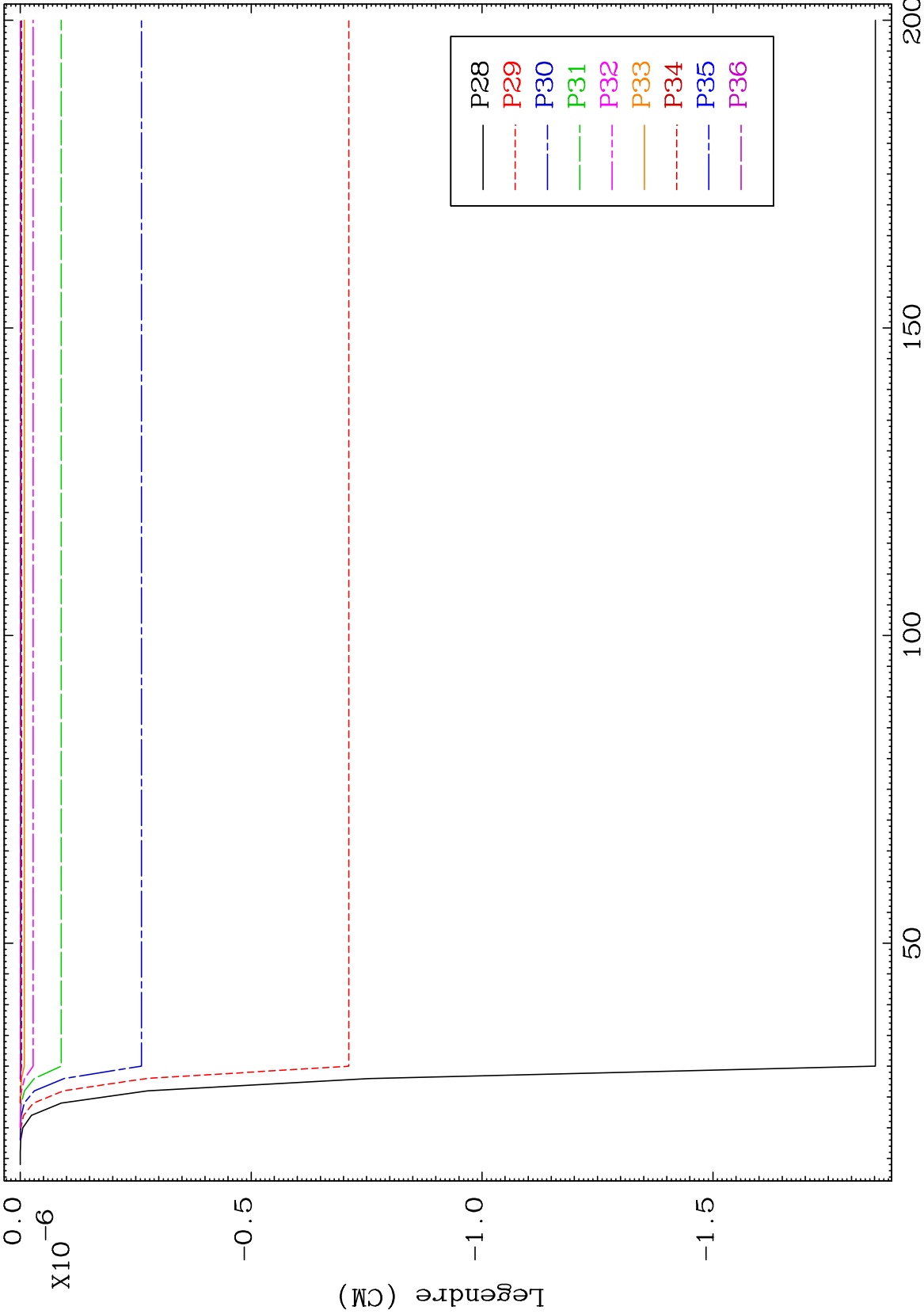
82

Incident Energy (MeV)

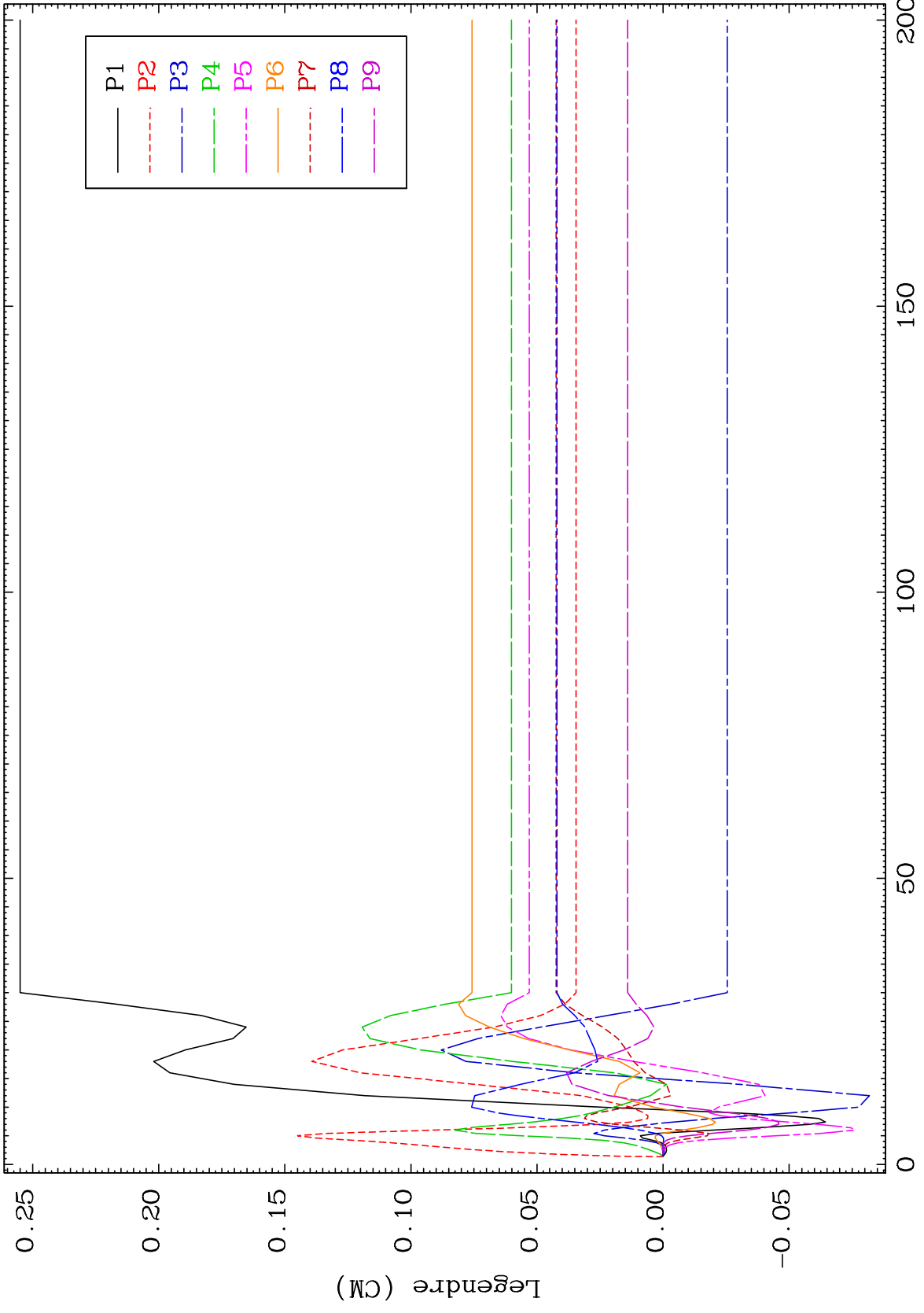
60-Nd-150



MAT 6049 MT= 67 (n,n') Level Legendre Coefficients 60-Nd-150

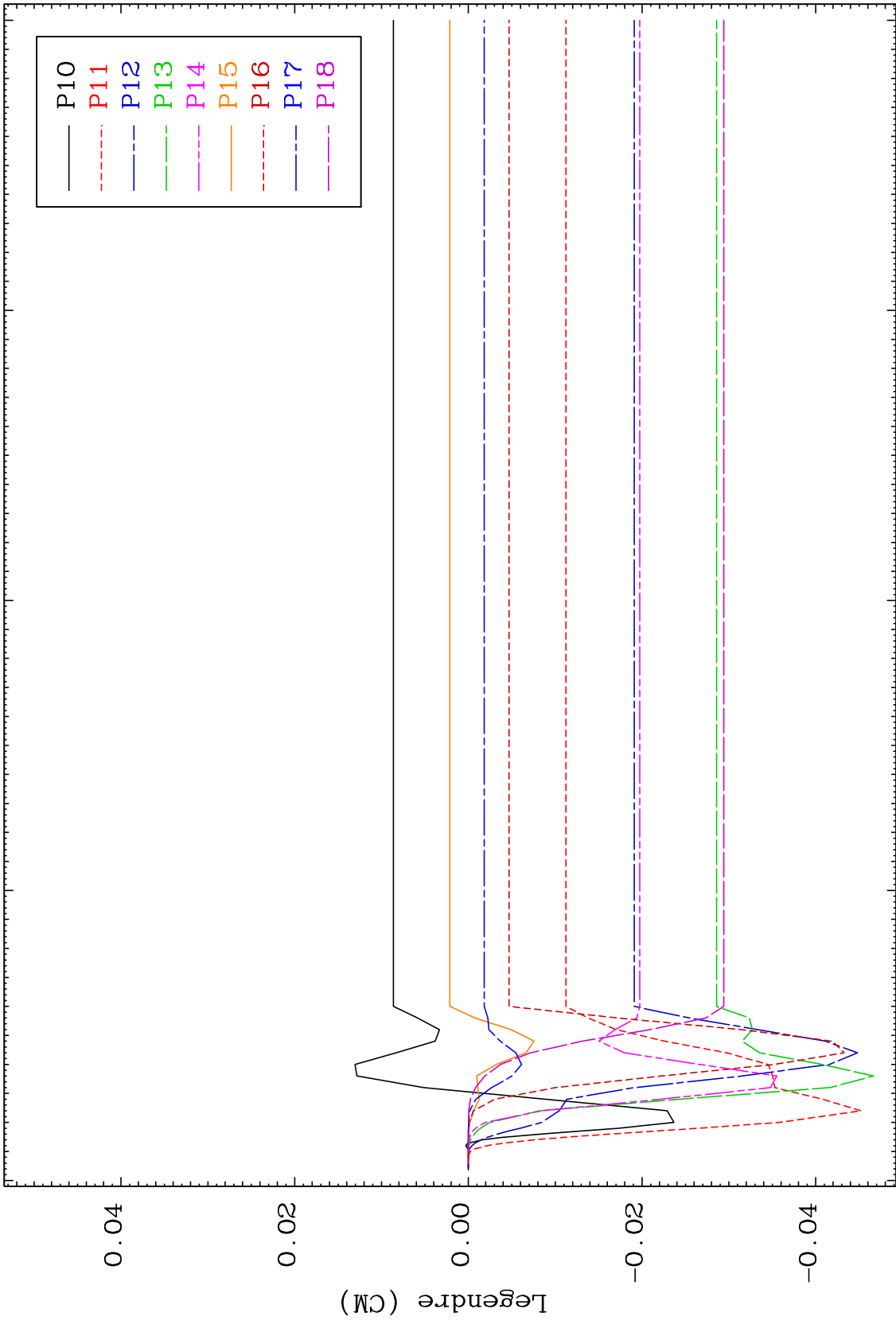


MAT 6049 MT= 68 (n,n') Level Legendre Coefficients 60-Nd-150



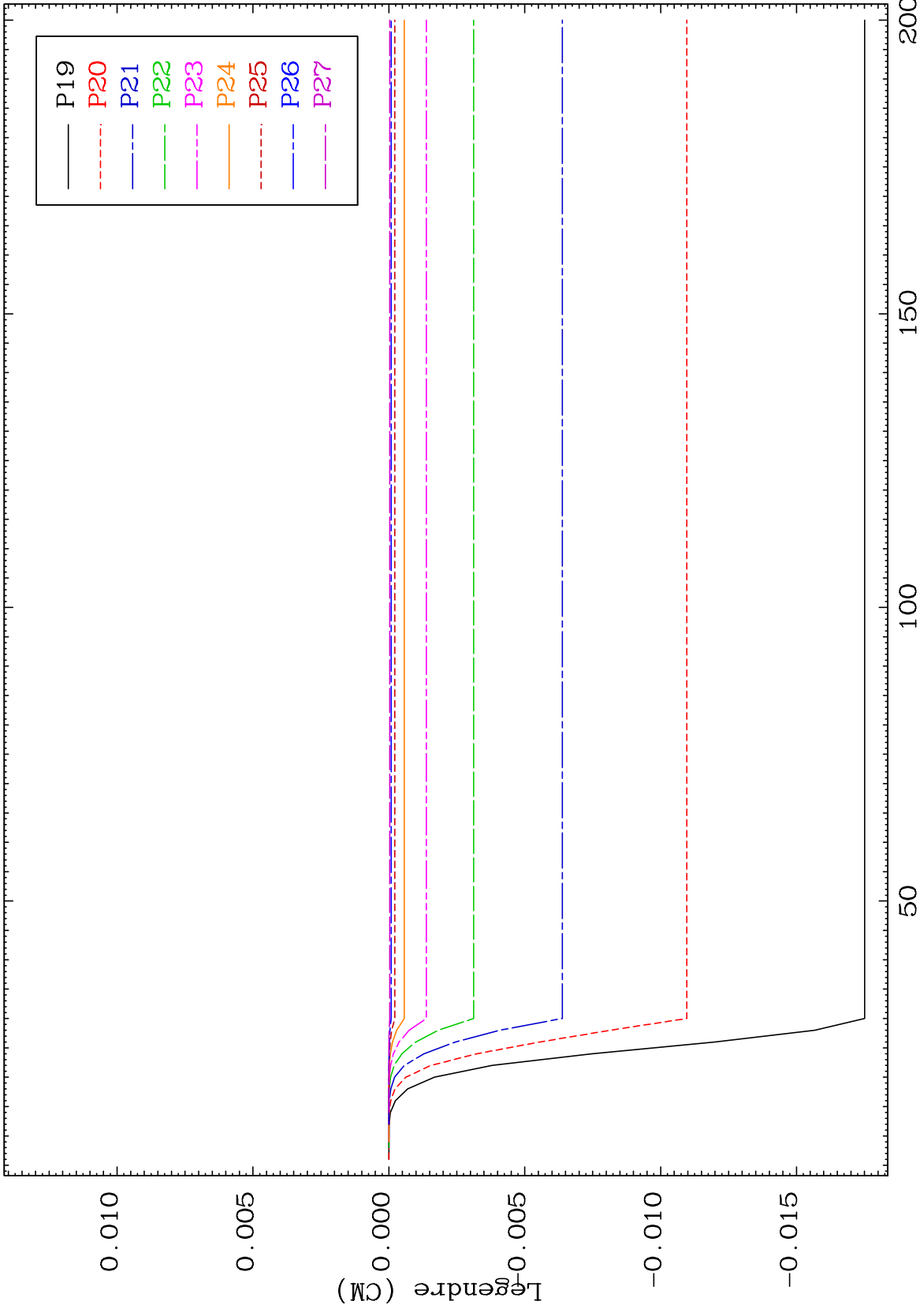
85 60-Nd-150

MAT 6049 MT= 68 (n,n') Level Legendre Coefficients 60-Nd-150



86 Incident Energy (MeV) 60-Nd-150

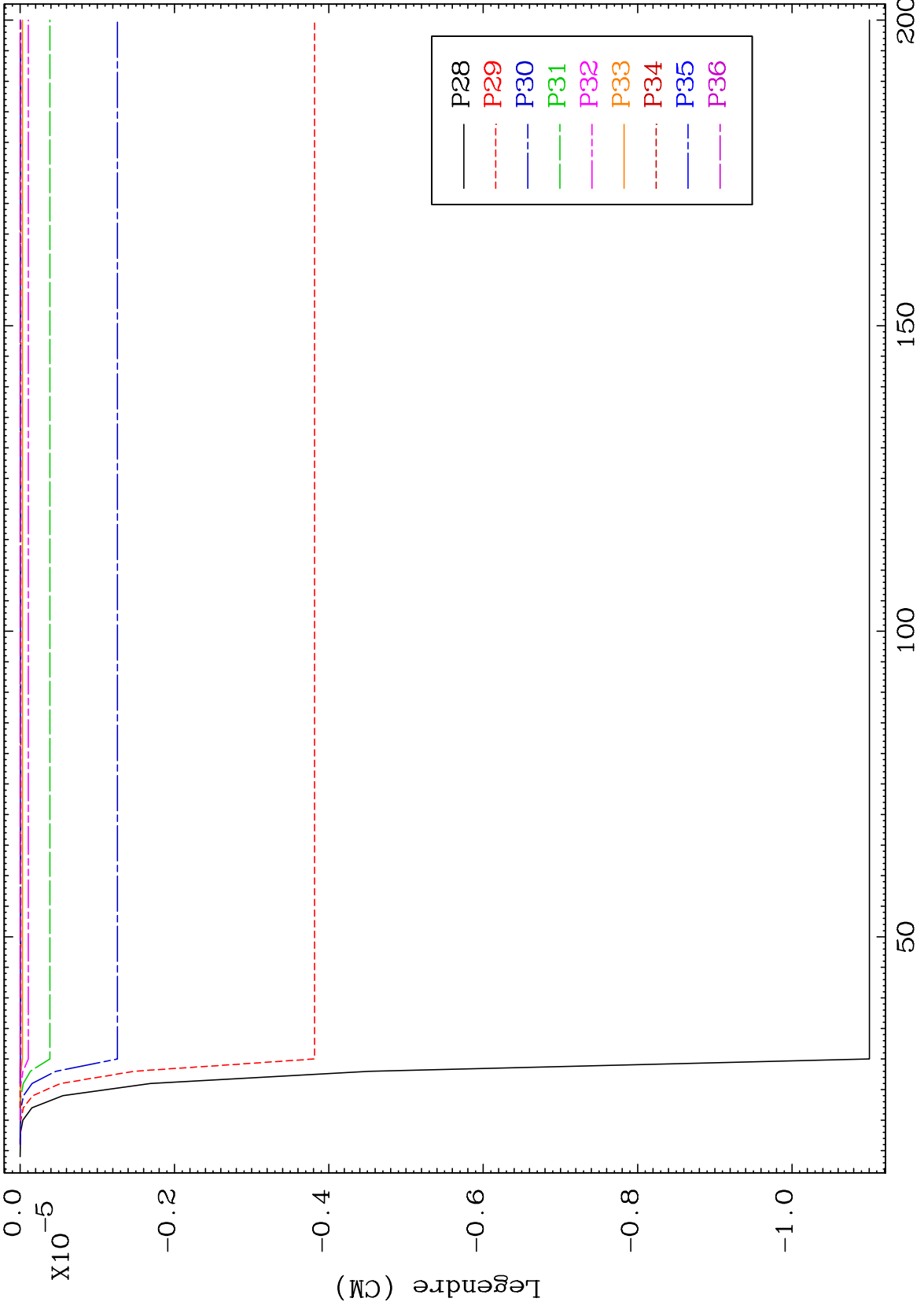
MAT 6049 MT= 68 (n,n') Level Legendre Coefficients 60-Nd-150



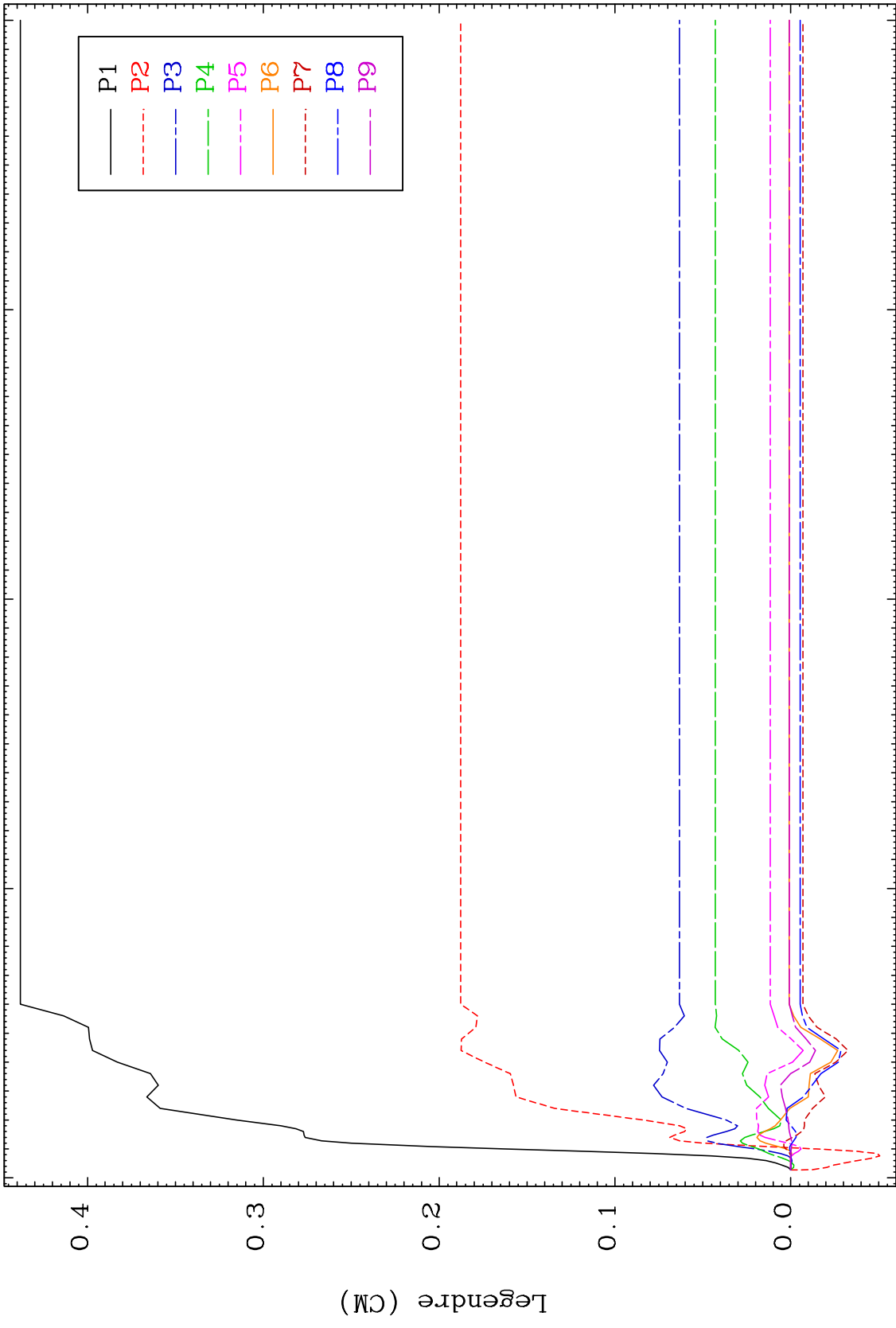


MAT 6049 MT= 68 (n,n') Level 60-Nd-150

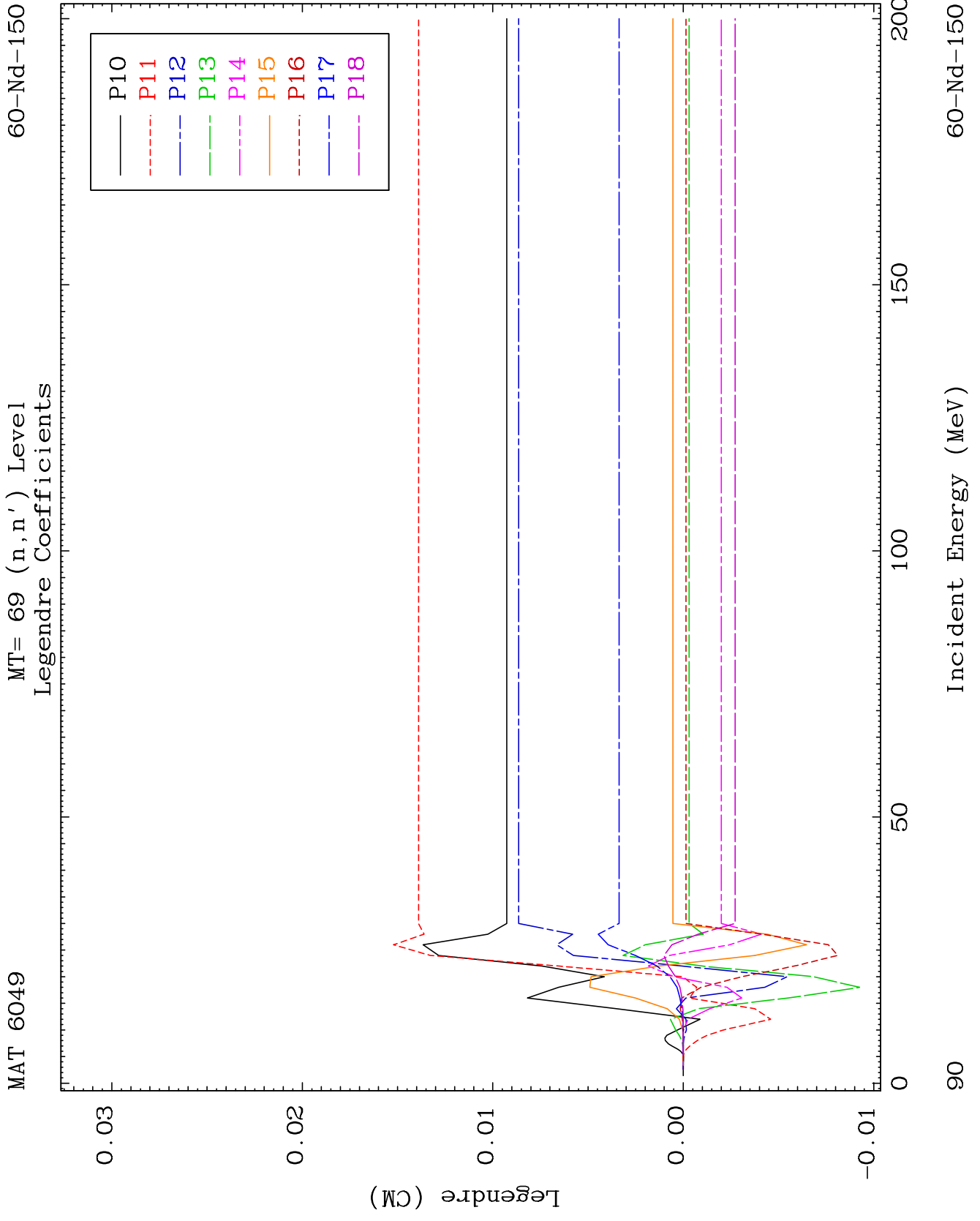
Legendre Coefficients



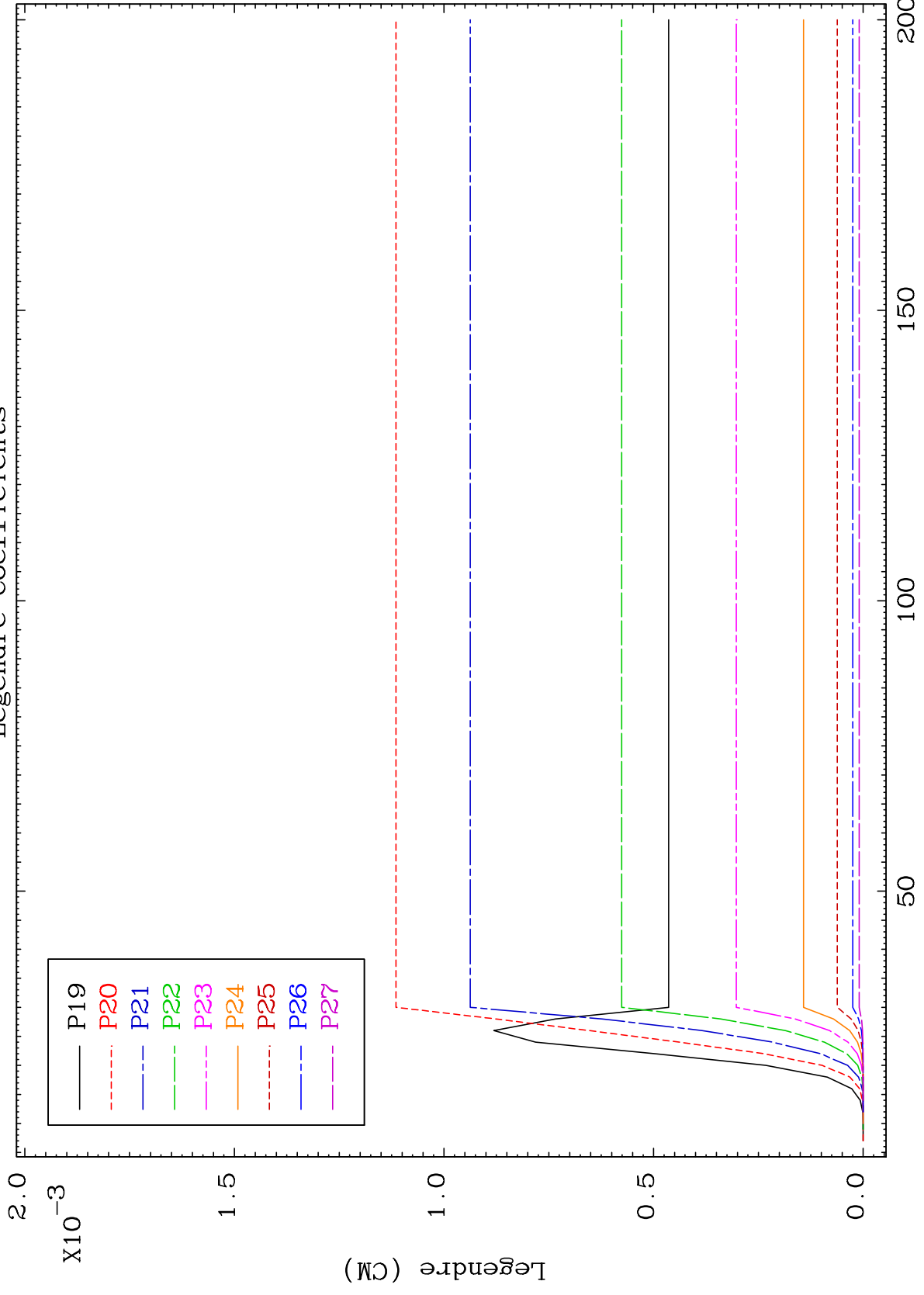
MAT 6049 MT= 69 (n,n') Level Legendre Coefficients 60-Nd-150



89 Incident Energy (MeV) 60-Nd-150



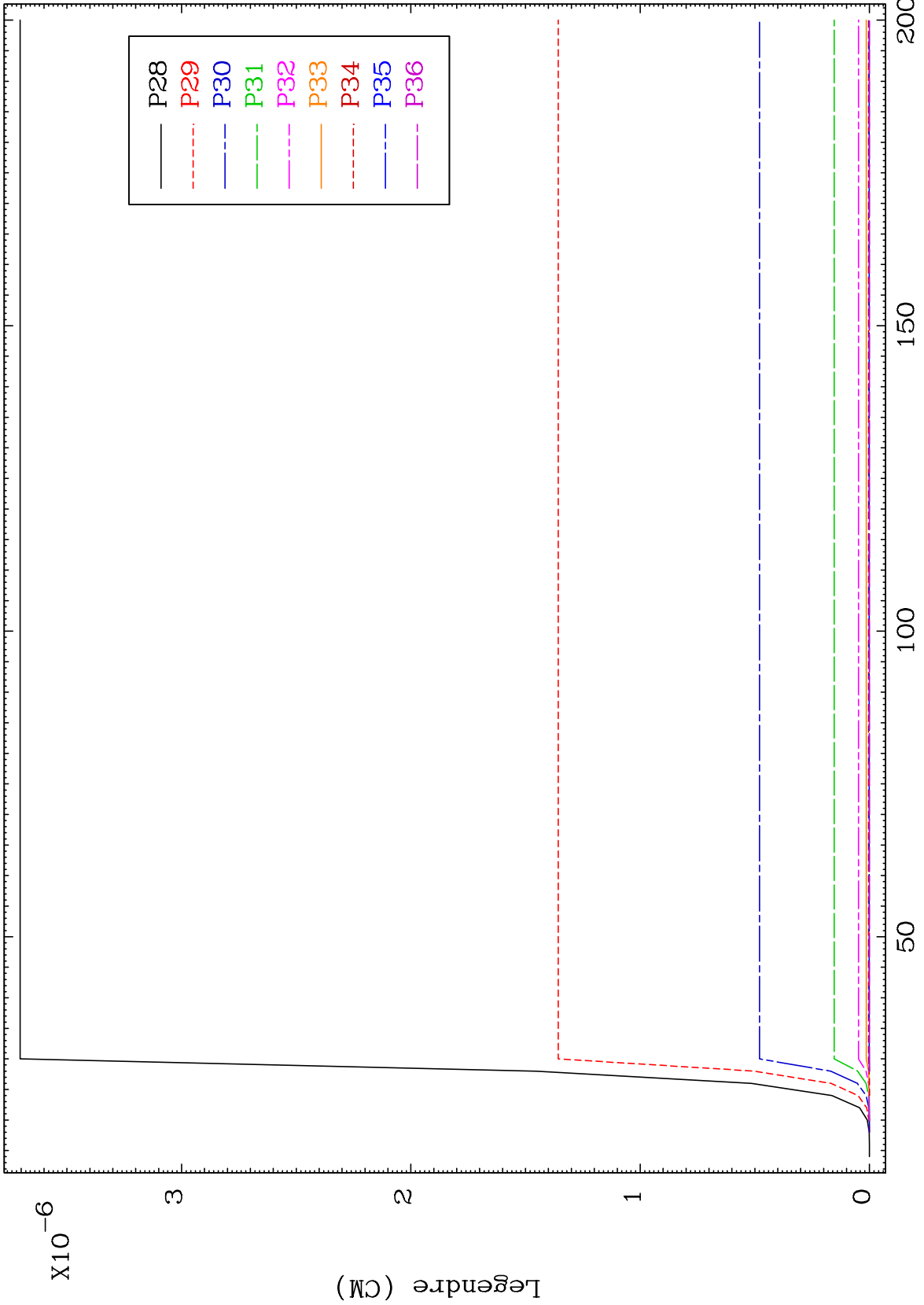
MAT 6049 MT= 69 (n,n') Level Legendre Coefficients 60-Nd-150



MAT 6049

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

60-Nd-150



92

60-Nd-150

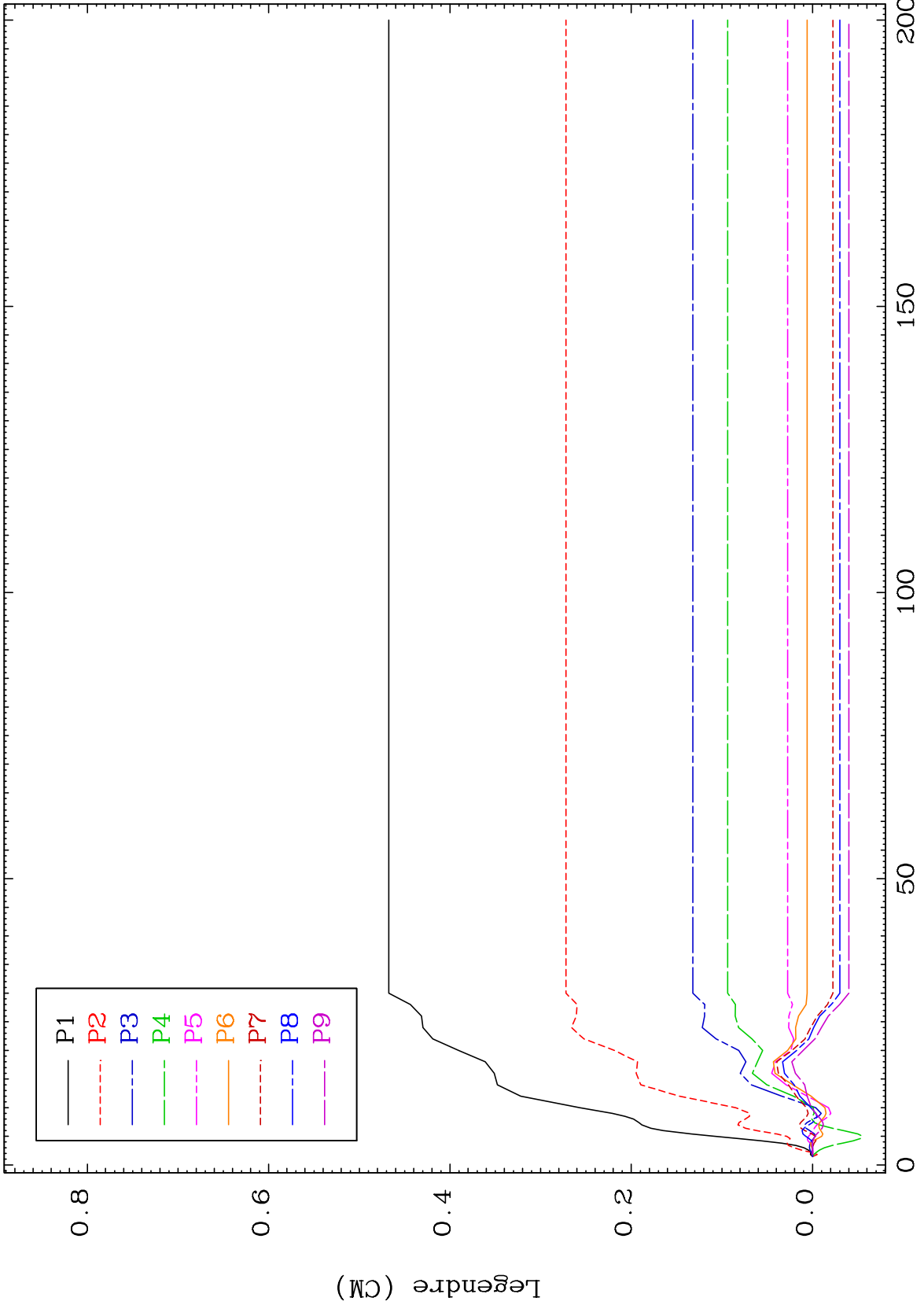
MAT 6049 MT= 70 (n,n') Level Legendre Coefficients

60-Nd-150

60-Nd-150

Incident Energy (MeV)

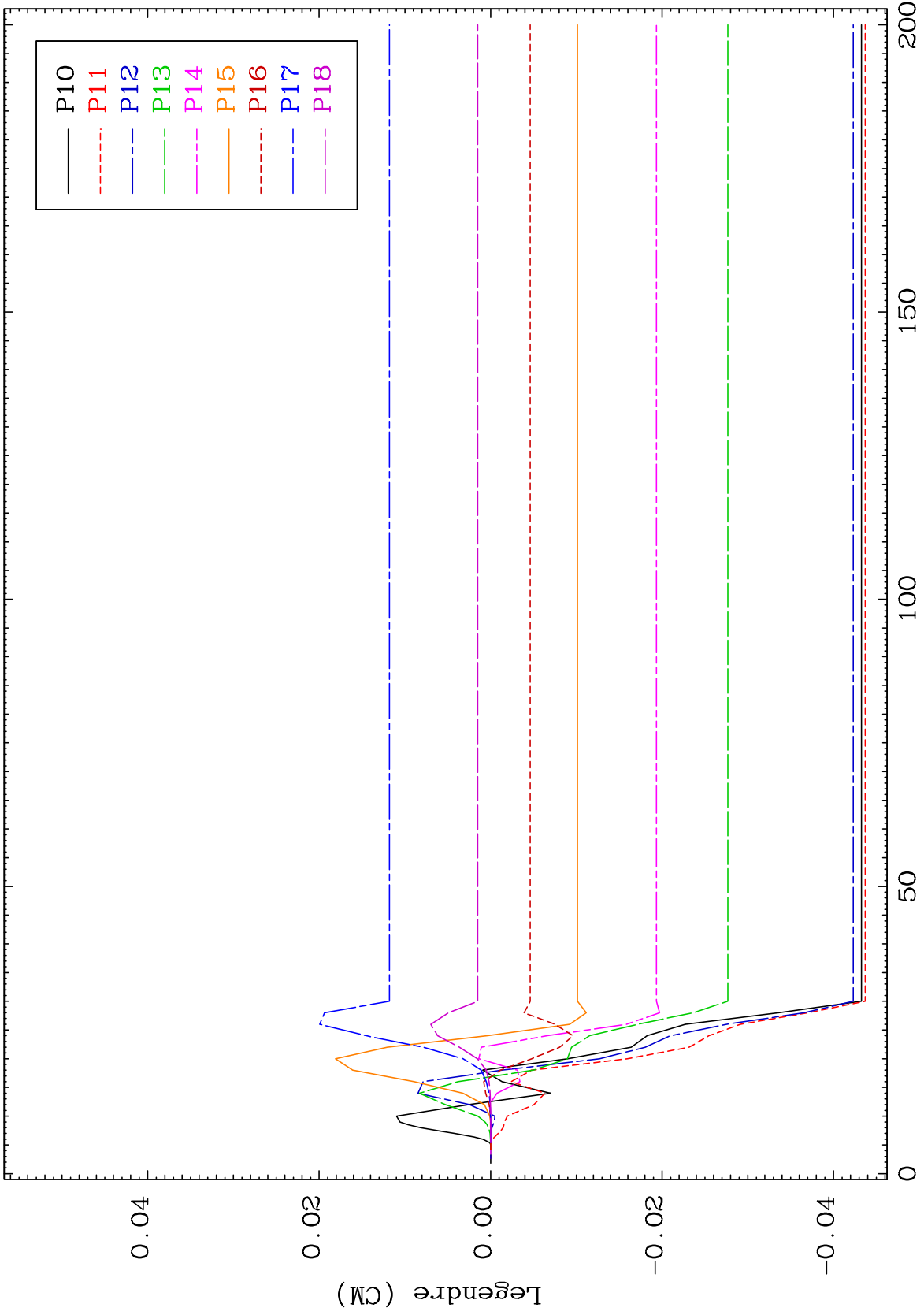
93



MAT 6049

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

60-Nd-150



94

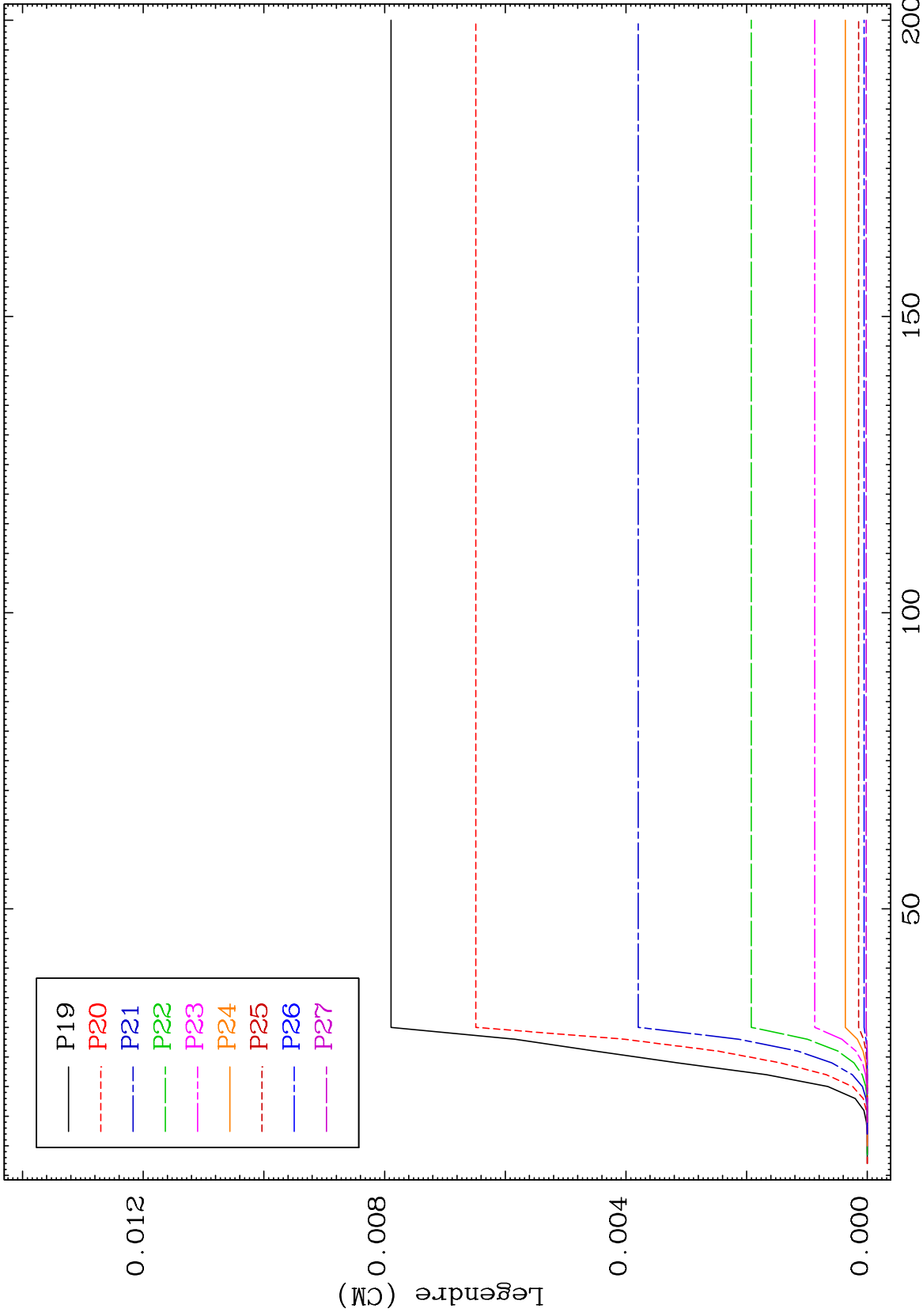
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150



95

Incident Energy (MeV)

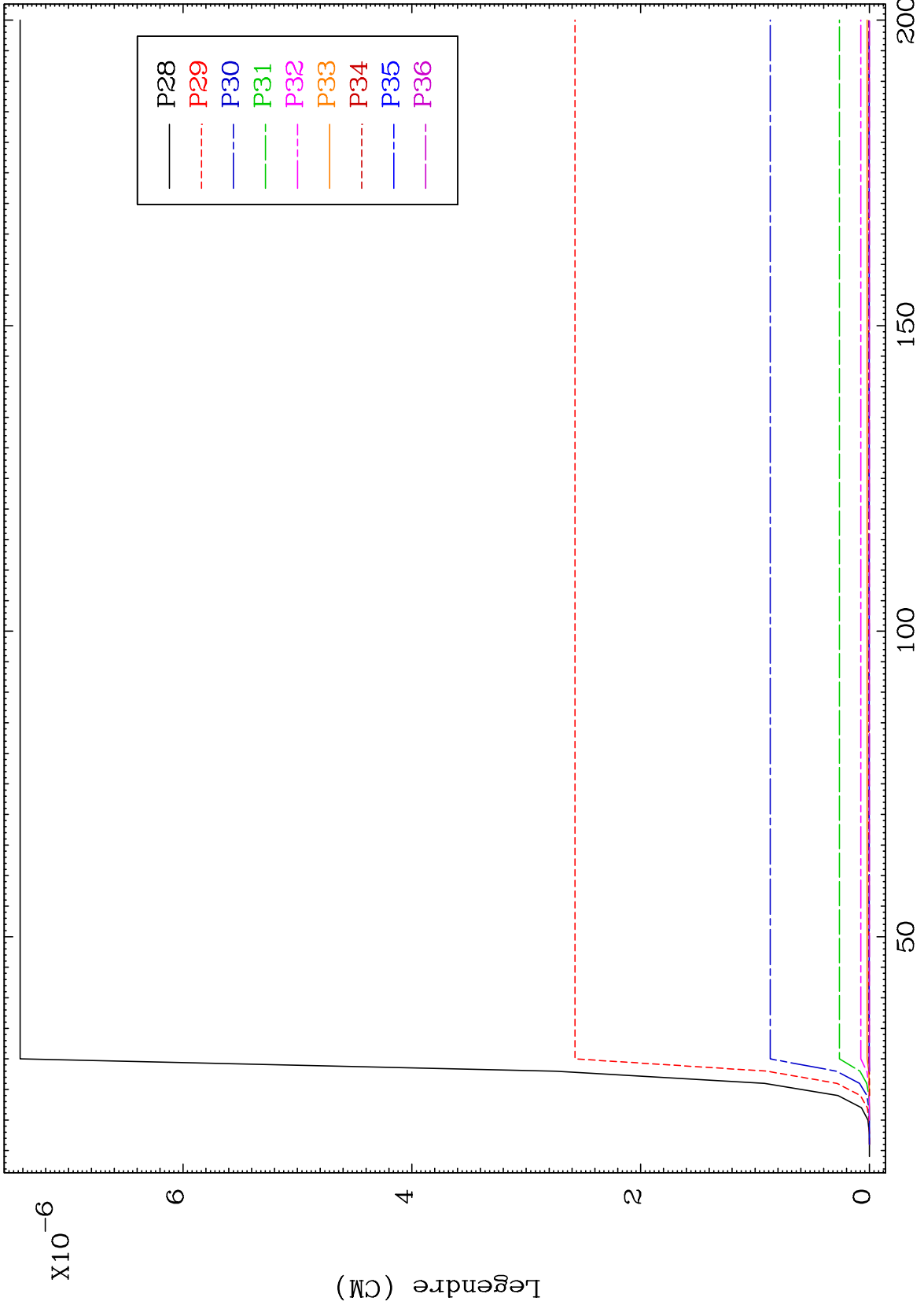
60-Nd-150



MAT 6049

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

60-Nd-150



96

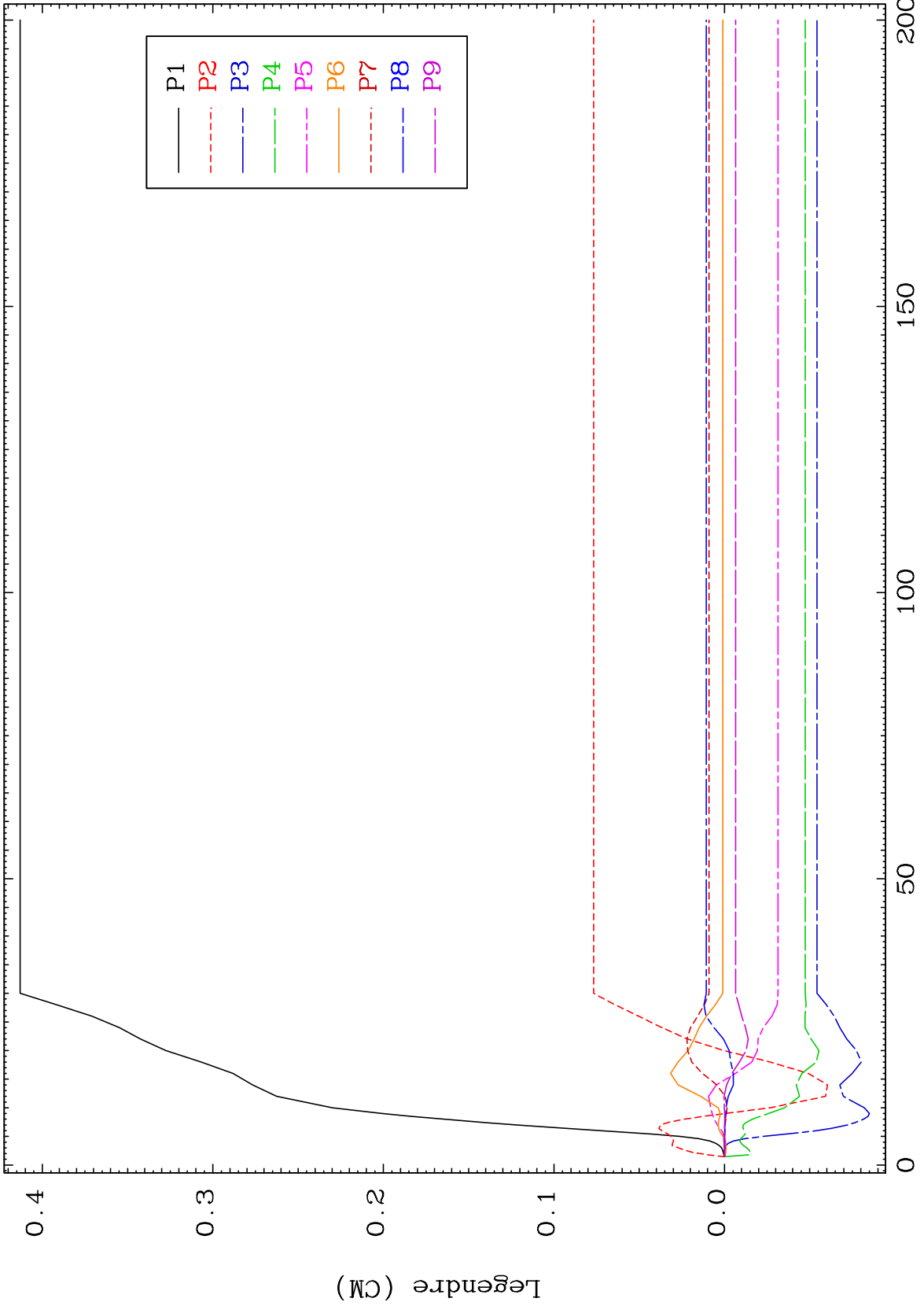
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150



97

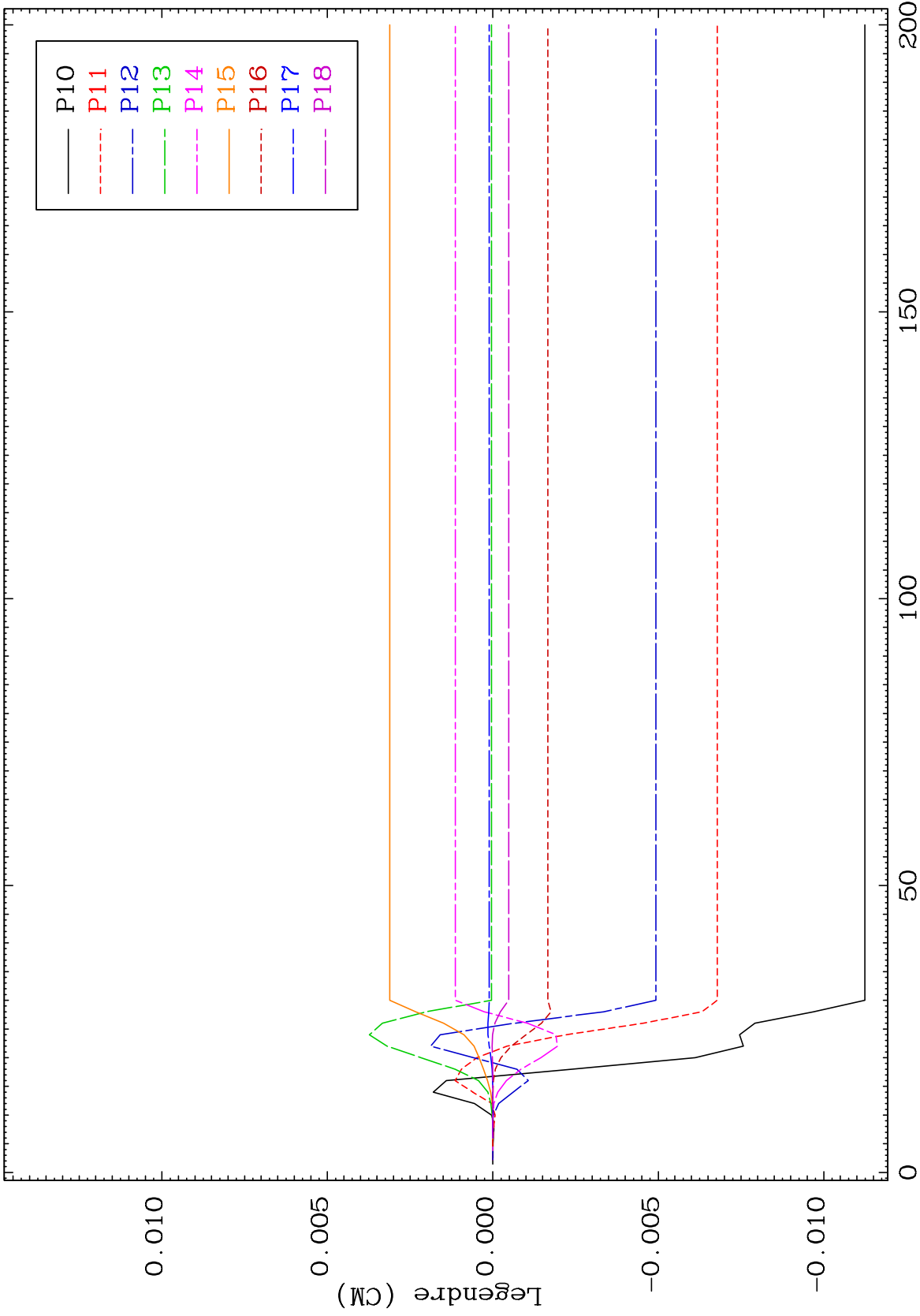
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

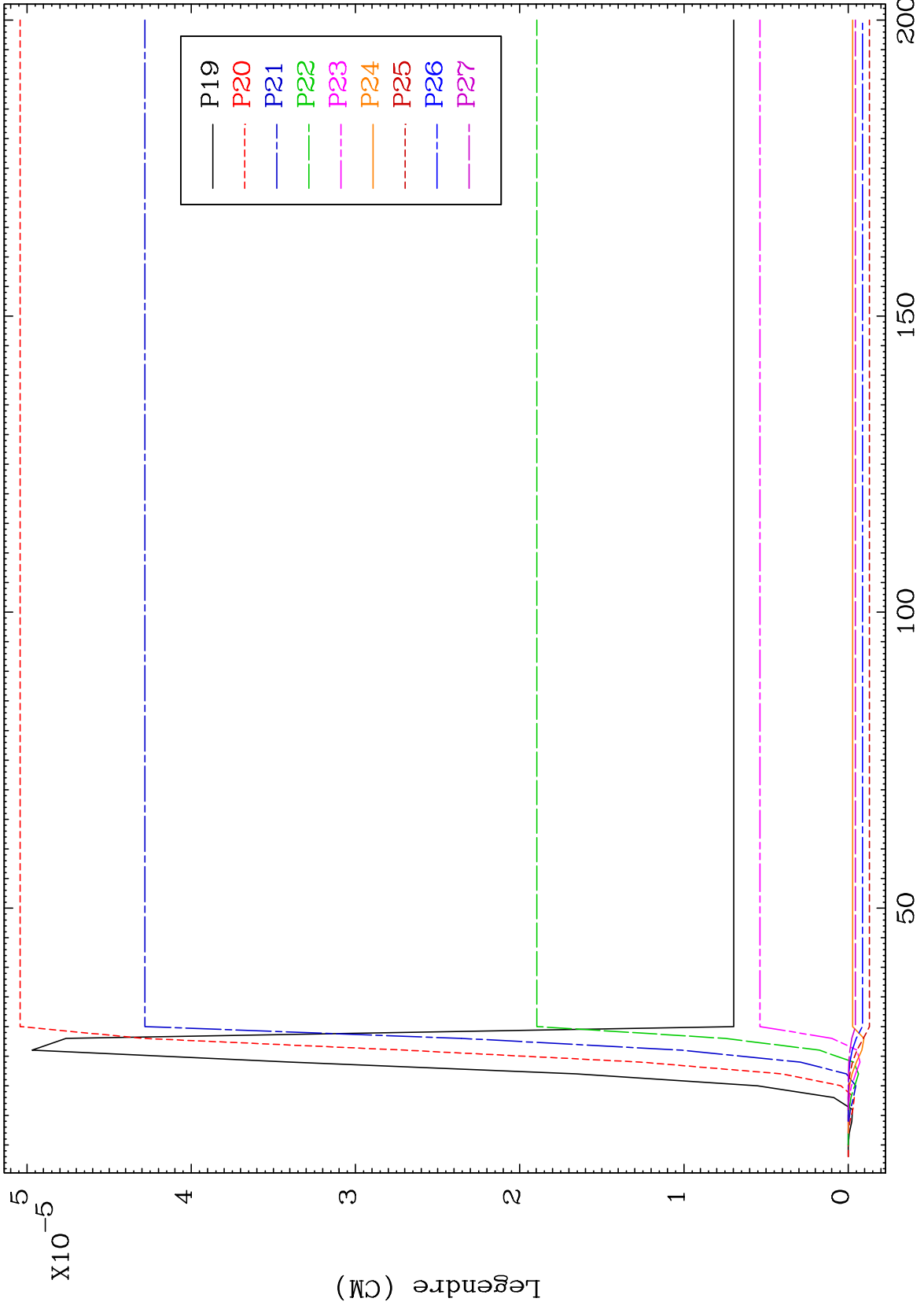
60-Nd-150



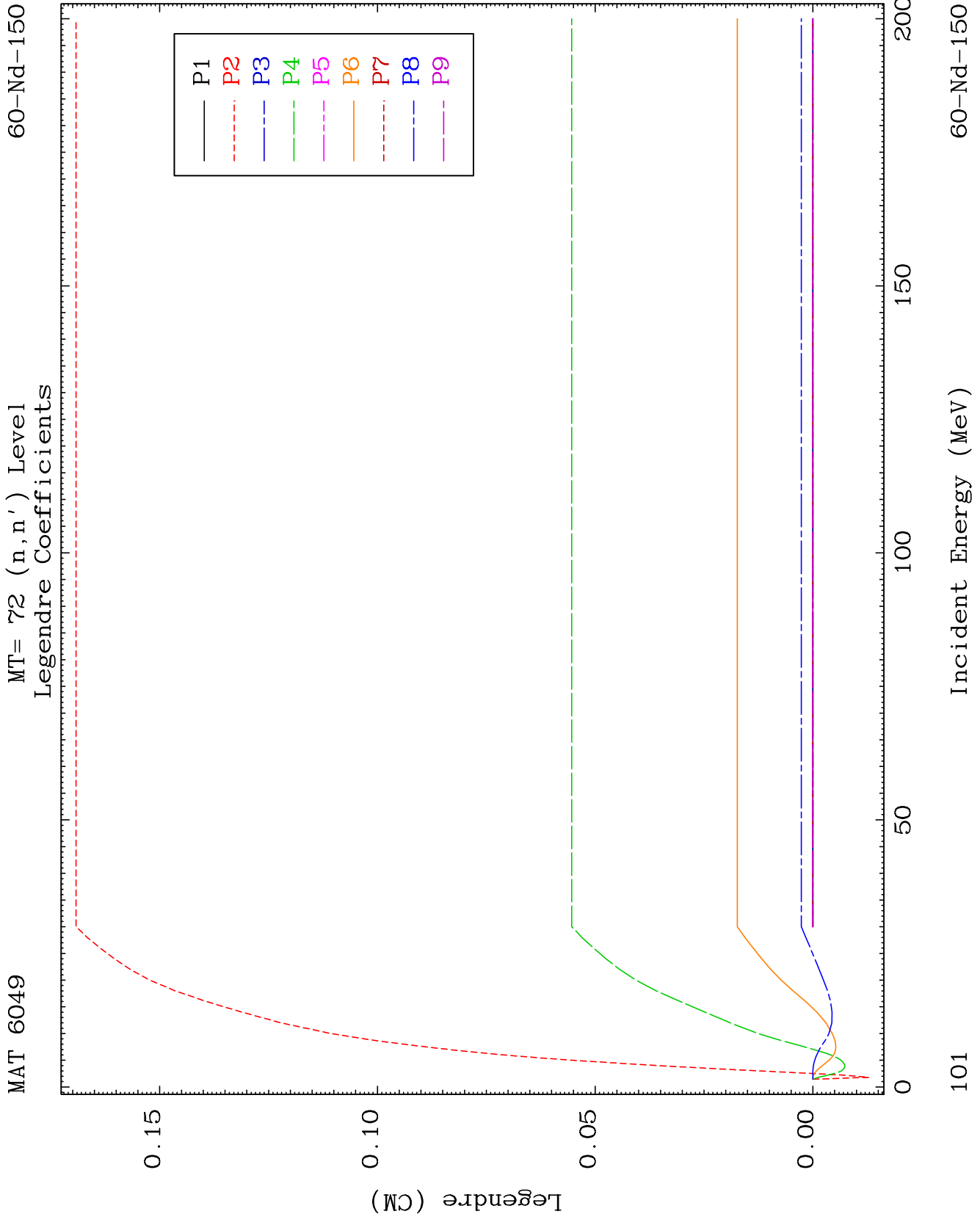
98

60-Nd-150

MAT 6049 MT= 71 (n,n') Level Legendre Coefficients 60-Nd-150



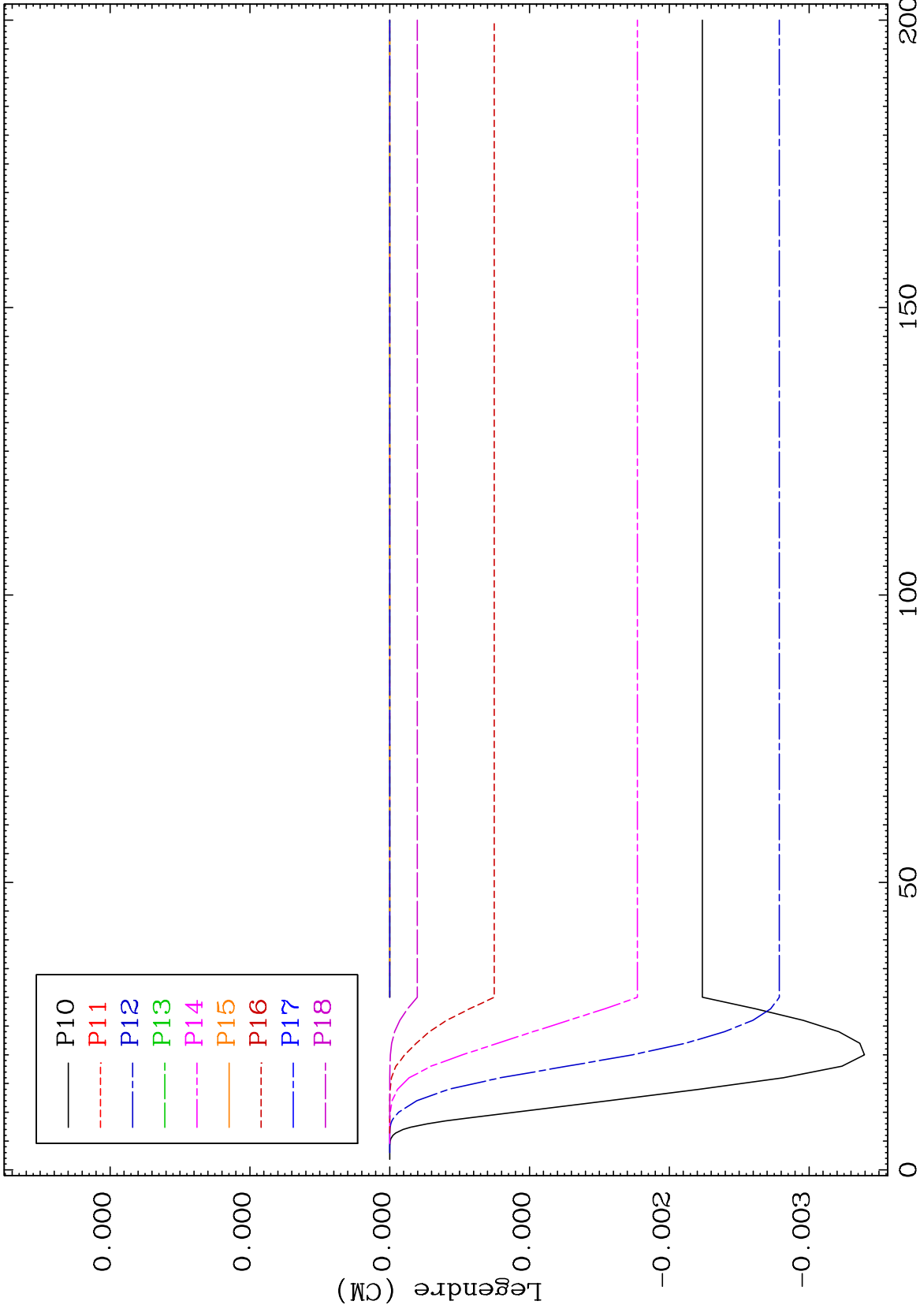




MAT 6049

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

60-Nd-150

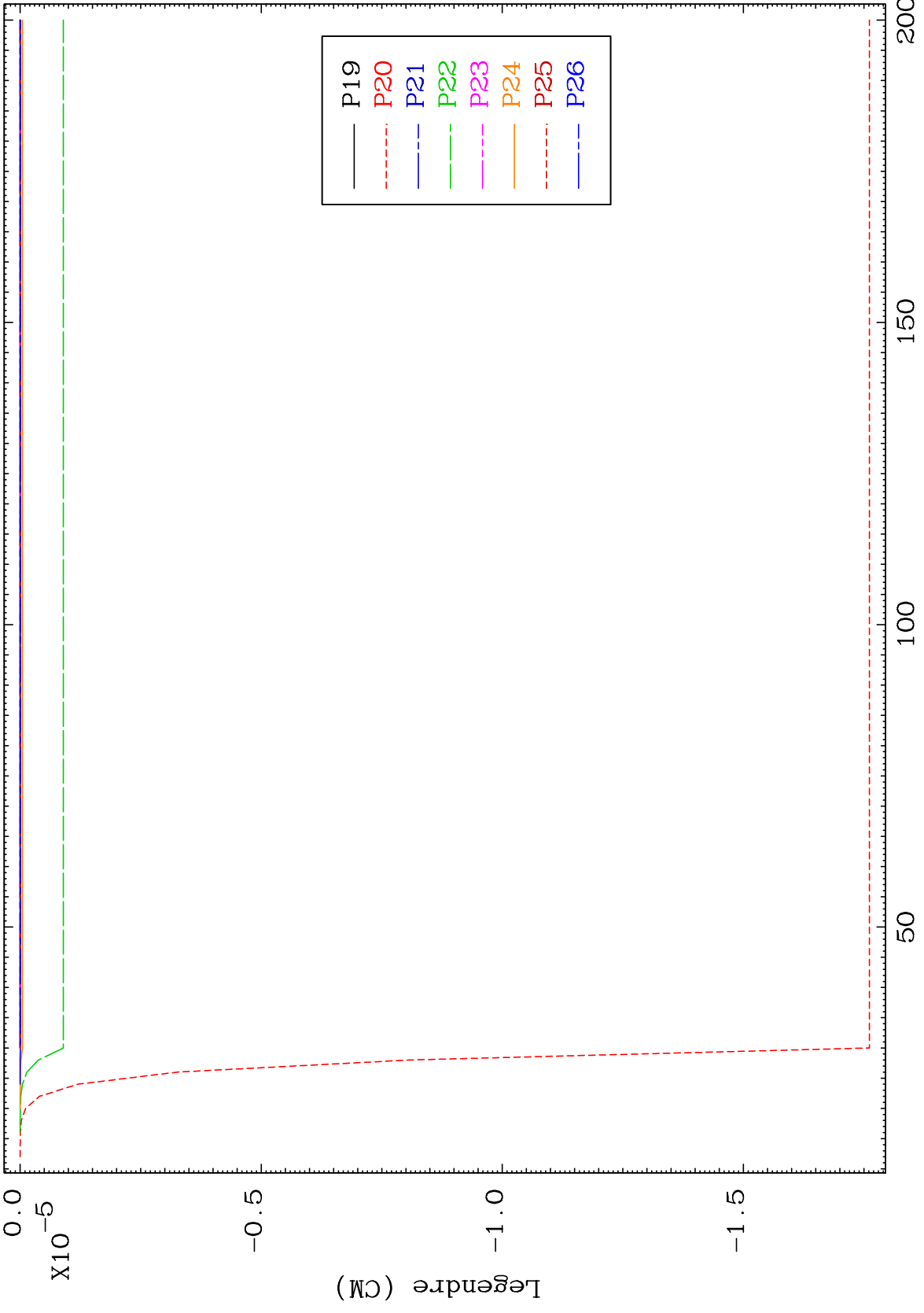


102

Incident Energy (MeV)

60-Nd-150

MAT 6049 MT= 72 (n,n') Level Legendre Coefficients 60-Nd-150



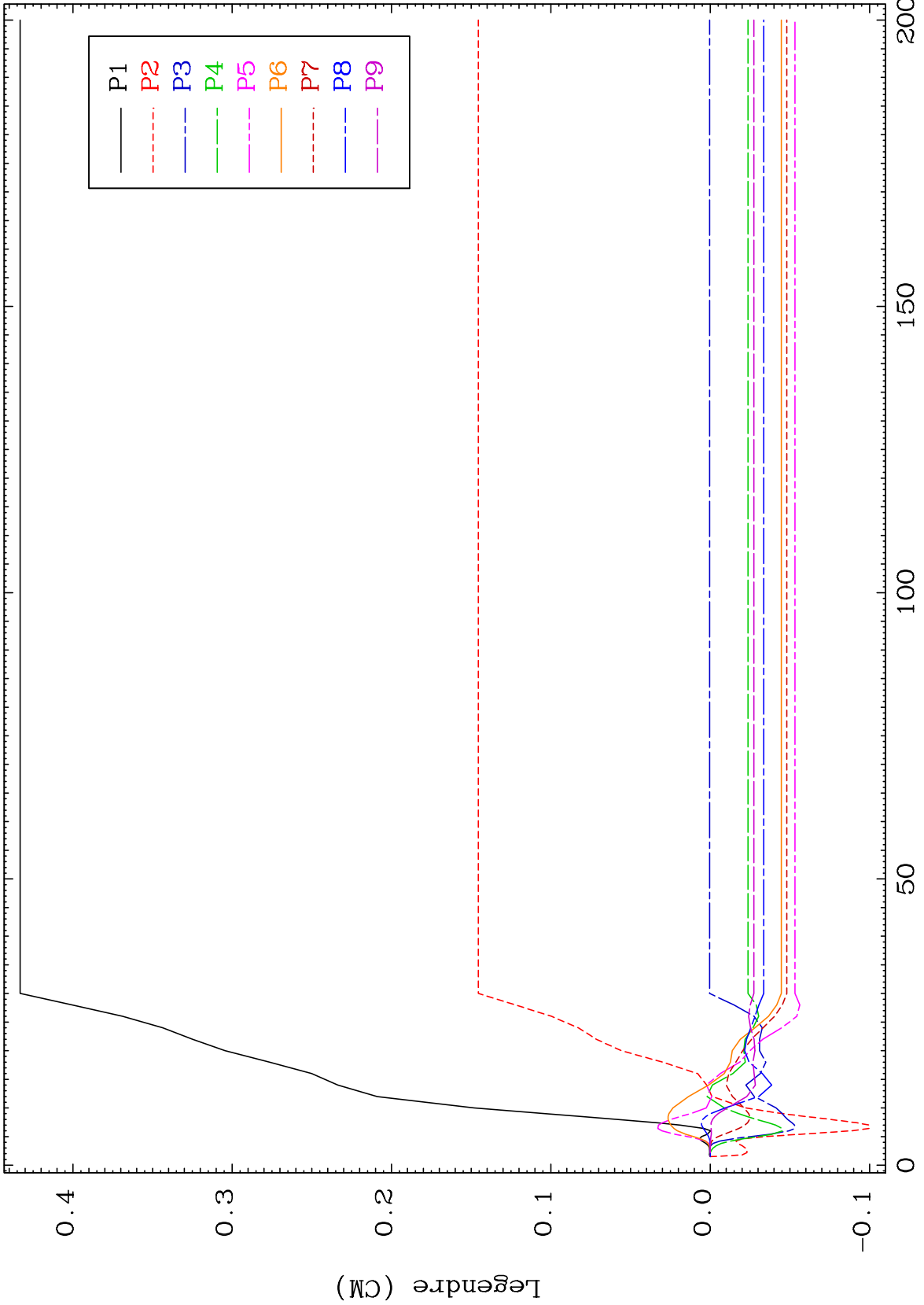
103 60-Nd-150



MAT 6049

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

60-Nd-150

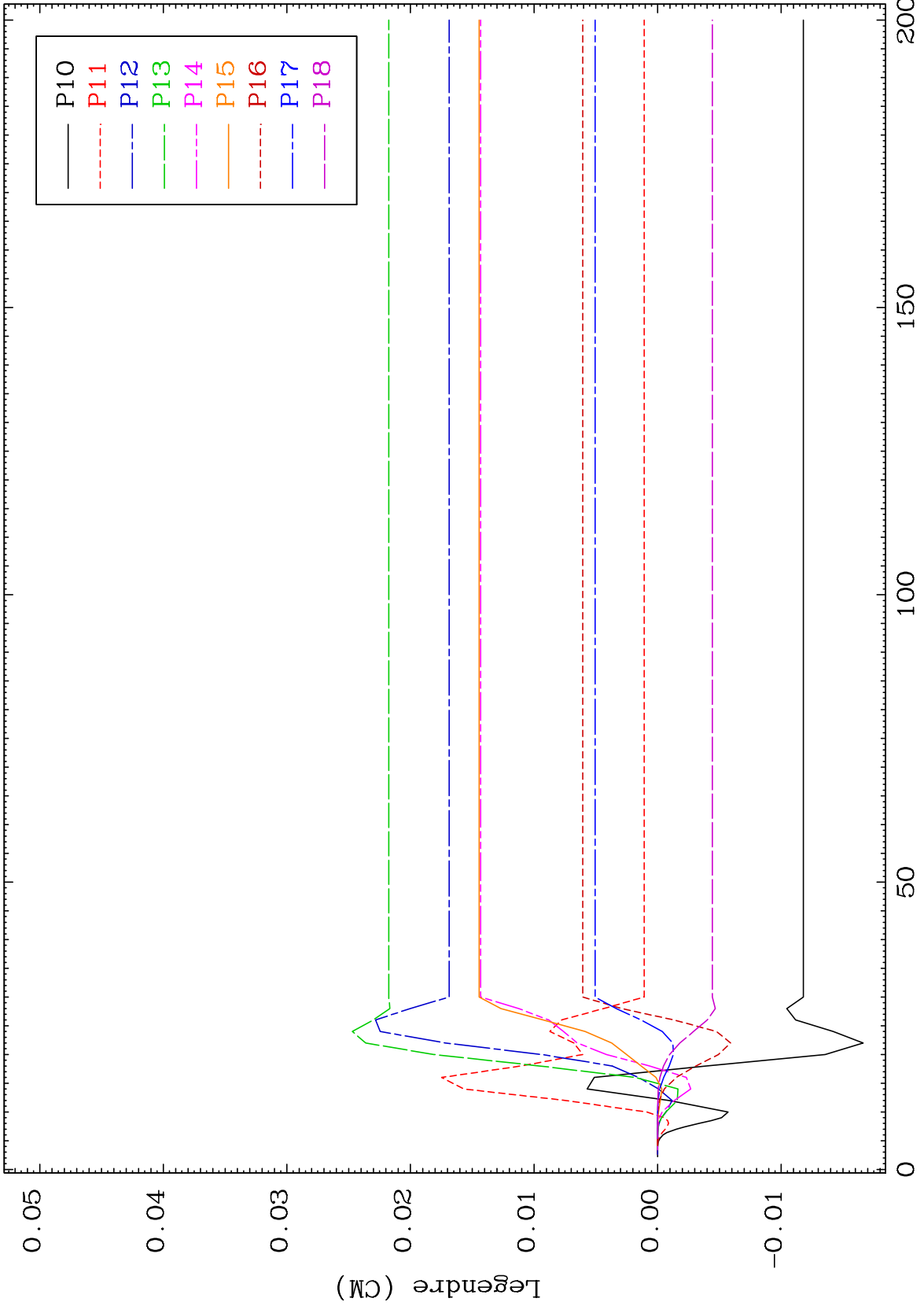


60-Nd-150

Incident Energy (MeV)

104

MAT 6049 MT= 73 (n,n') Level Legendre Coefficients 60-Nd-150

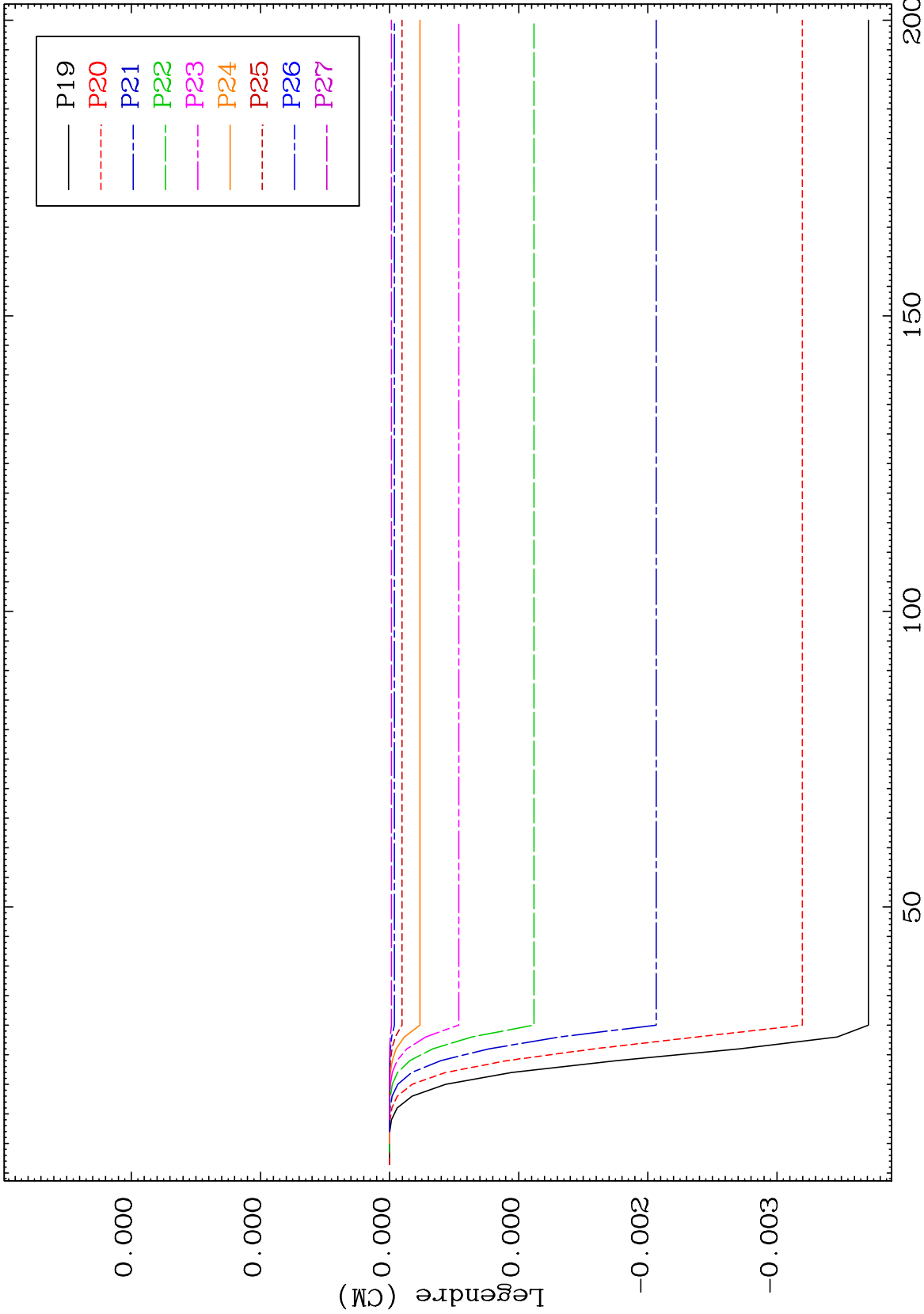


105 Incident Energy (MeV) 60-Nd-150

MAT 6049

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

60-Nd-150

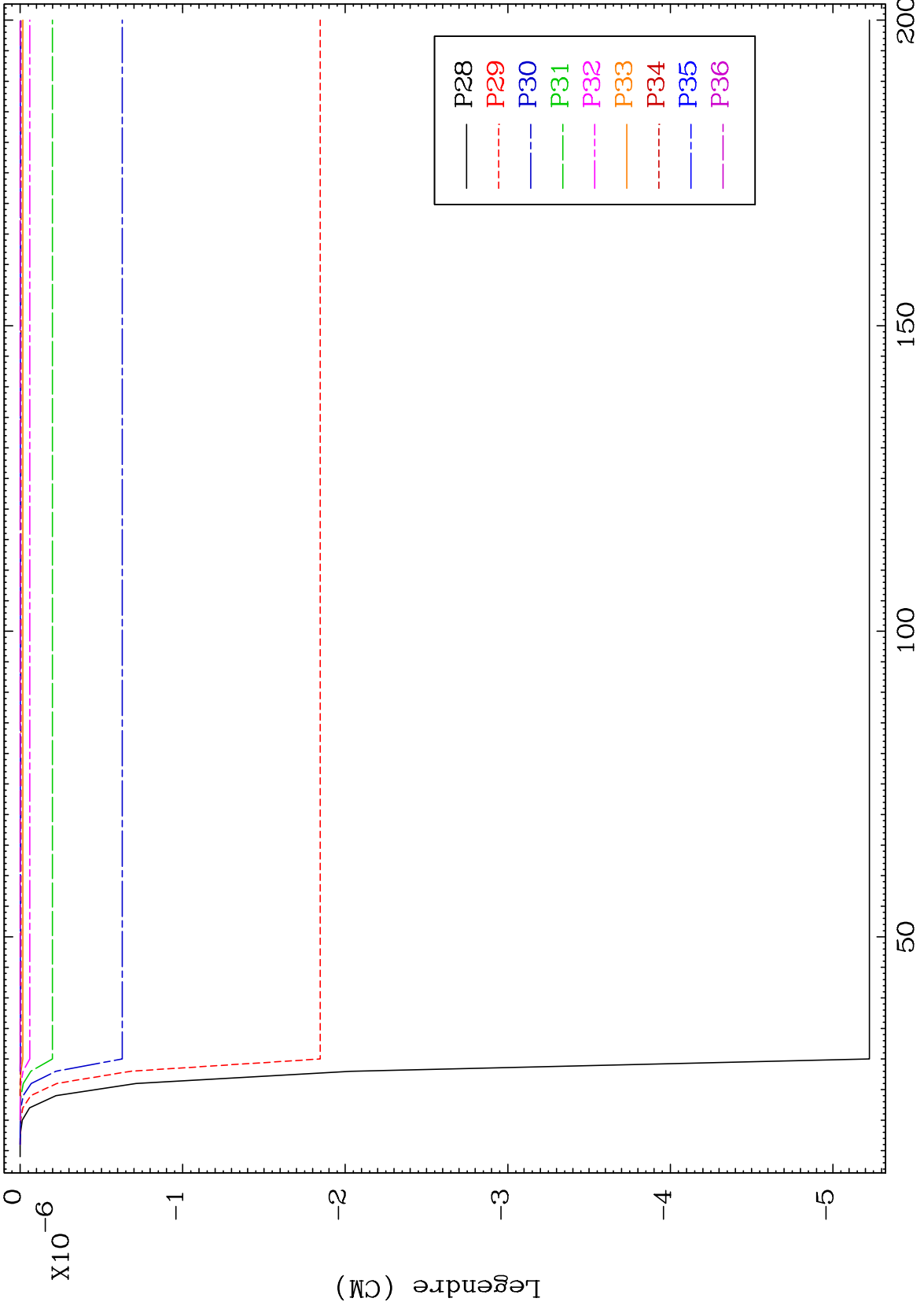


106

Incident Energy (MeV)

60-Nd-150

MAT 6049 MT= 73 (n,n') Level Legendre Coefficients 60-Nd-150

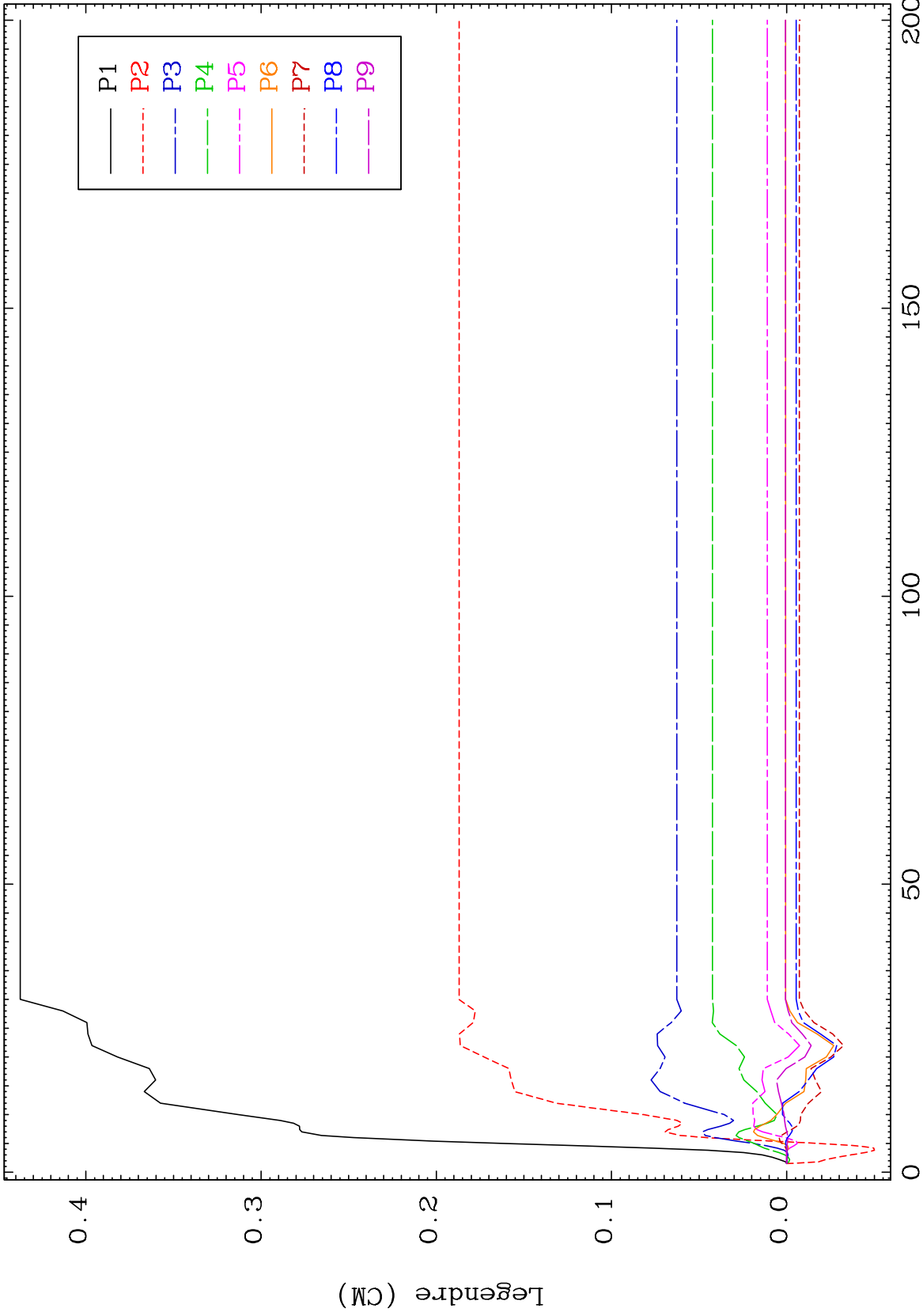


107 60-Nd-150

MAT 6049

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

60-Nd-150



108

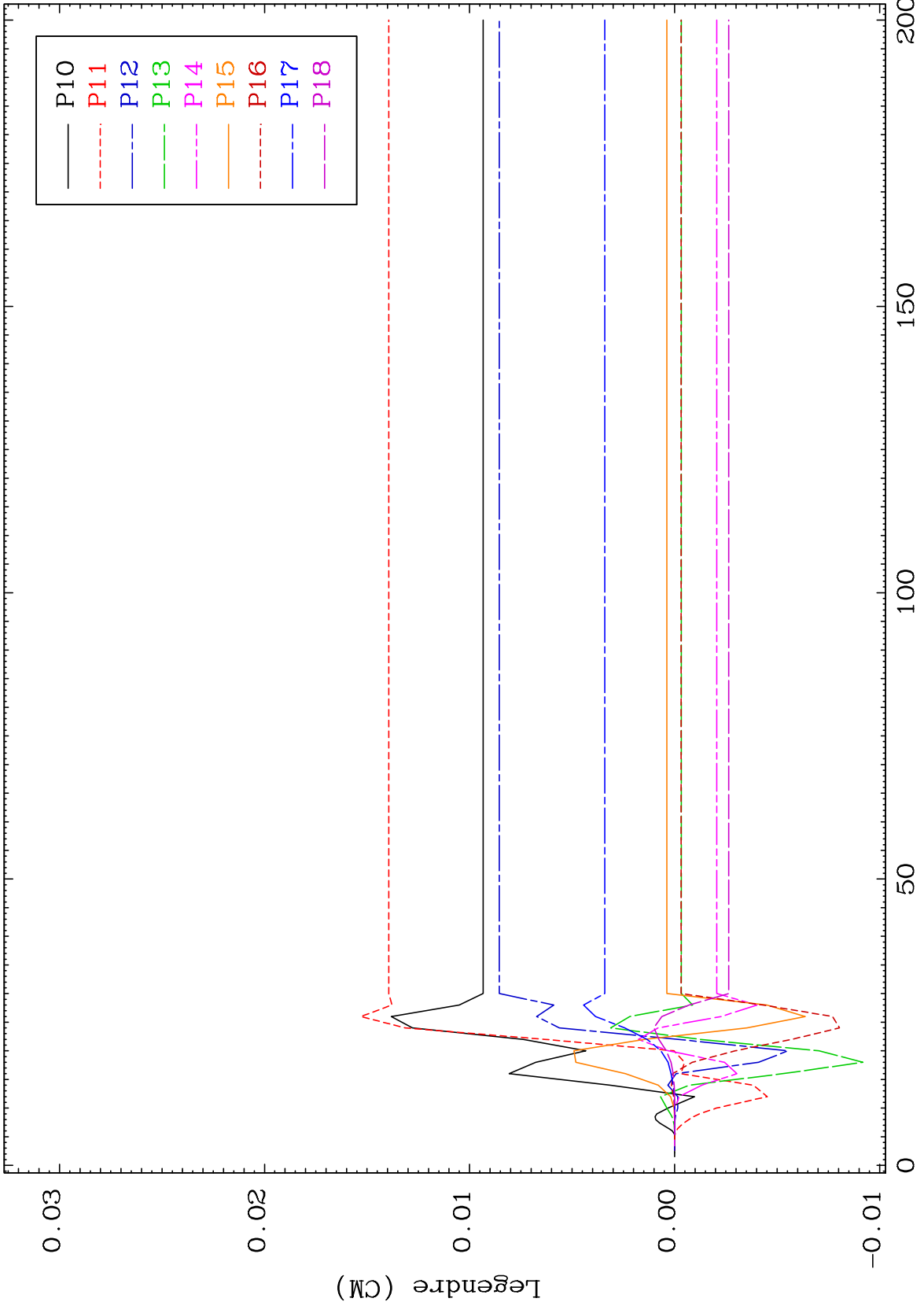
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

60-Nd-150

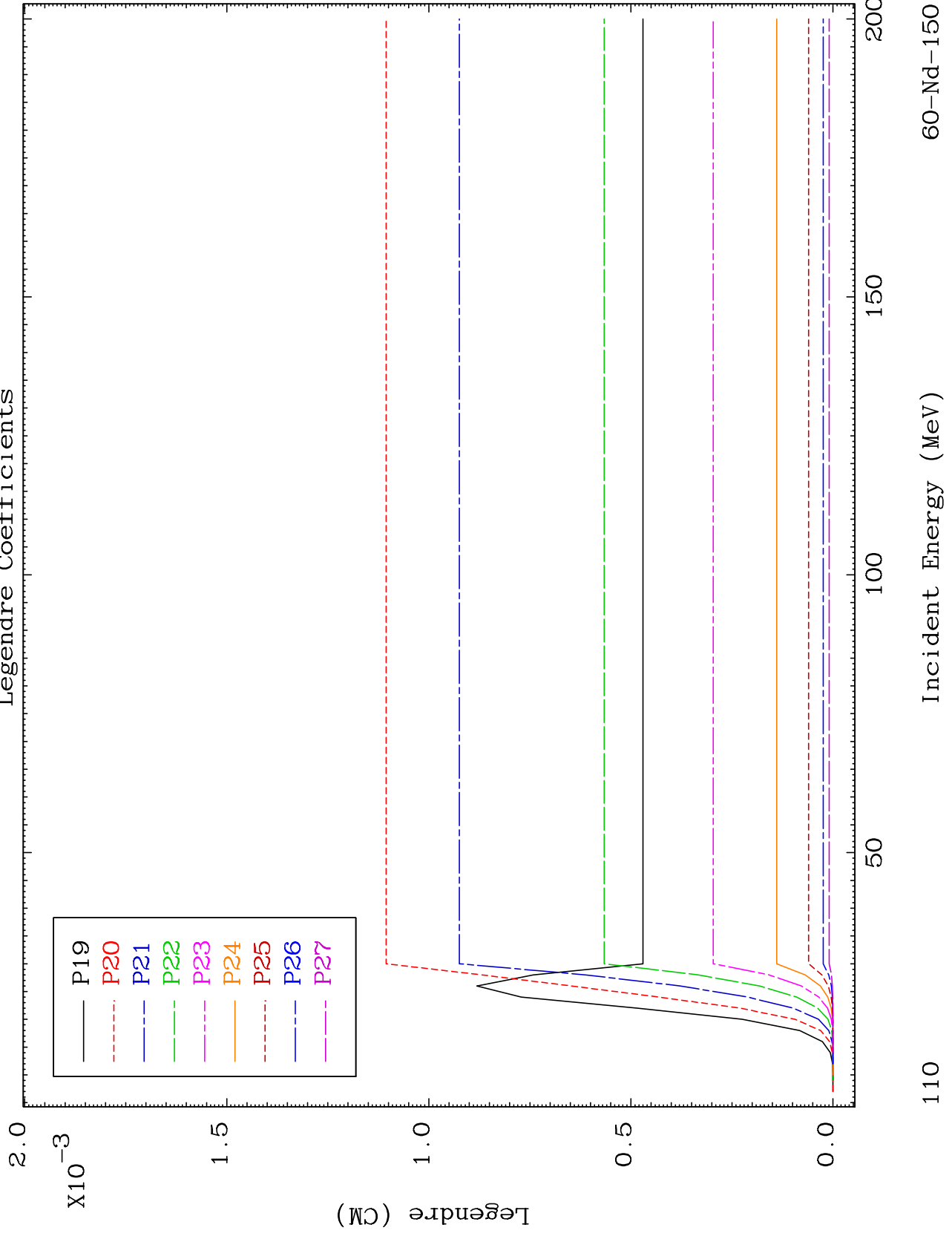


60-Nd-150

Incident Energy (MeV)

109

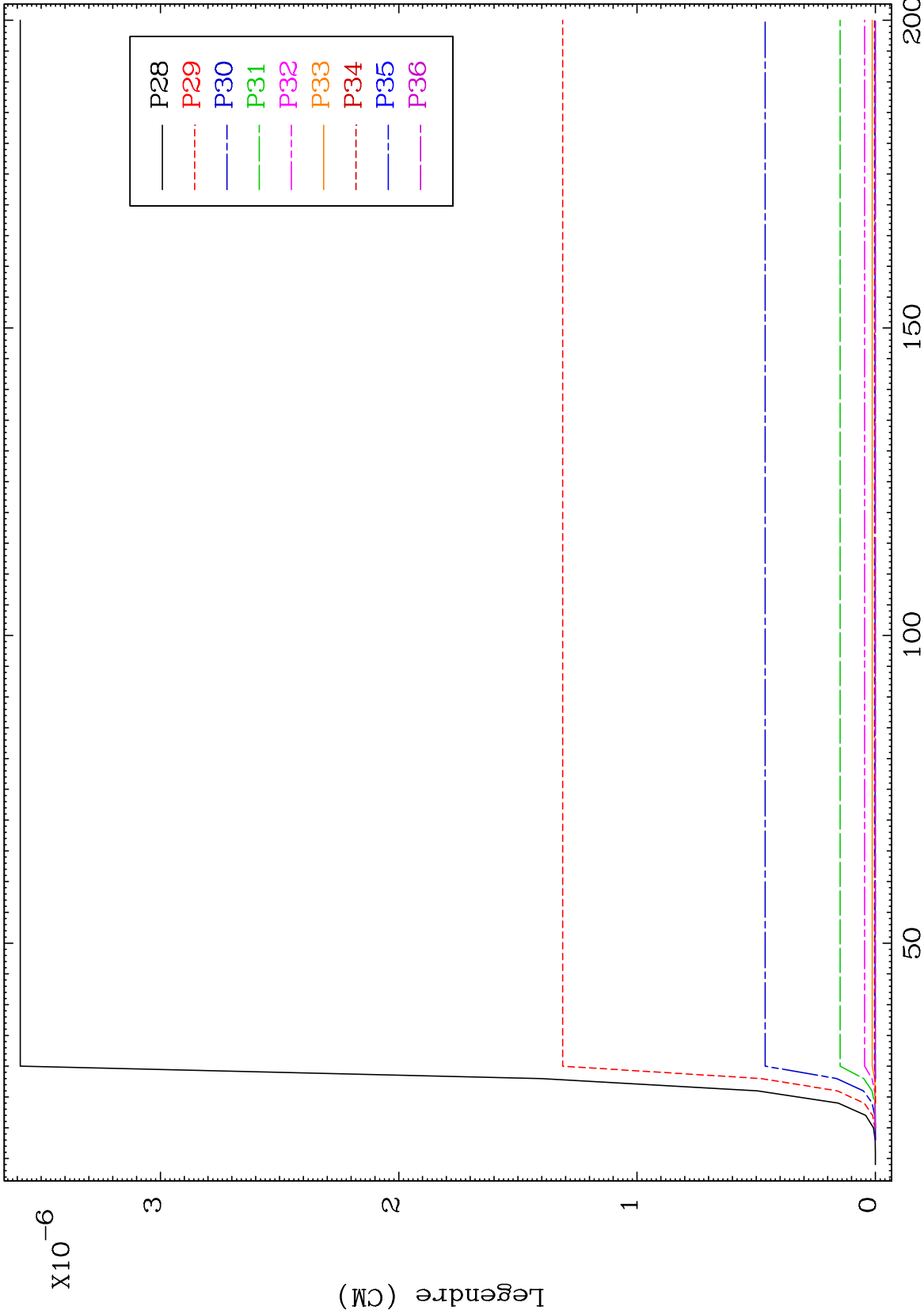
MAT 6049 MT= 74 (n,n') Level Legendre Coefficients 60-Nd-150



MAT 6049

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

60-Nd-150

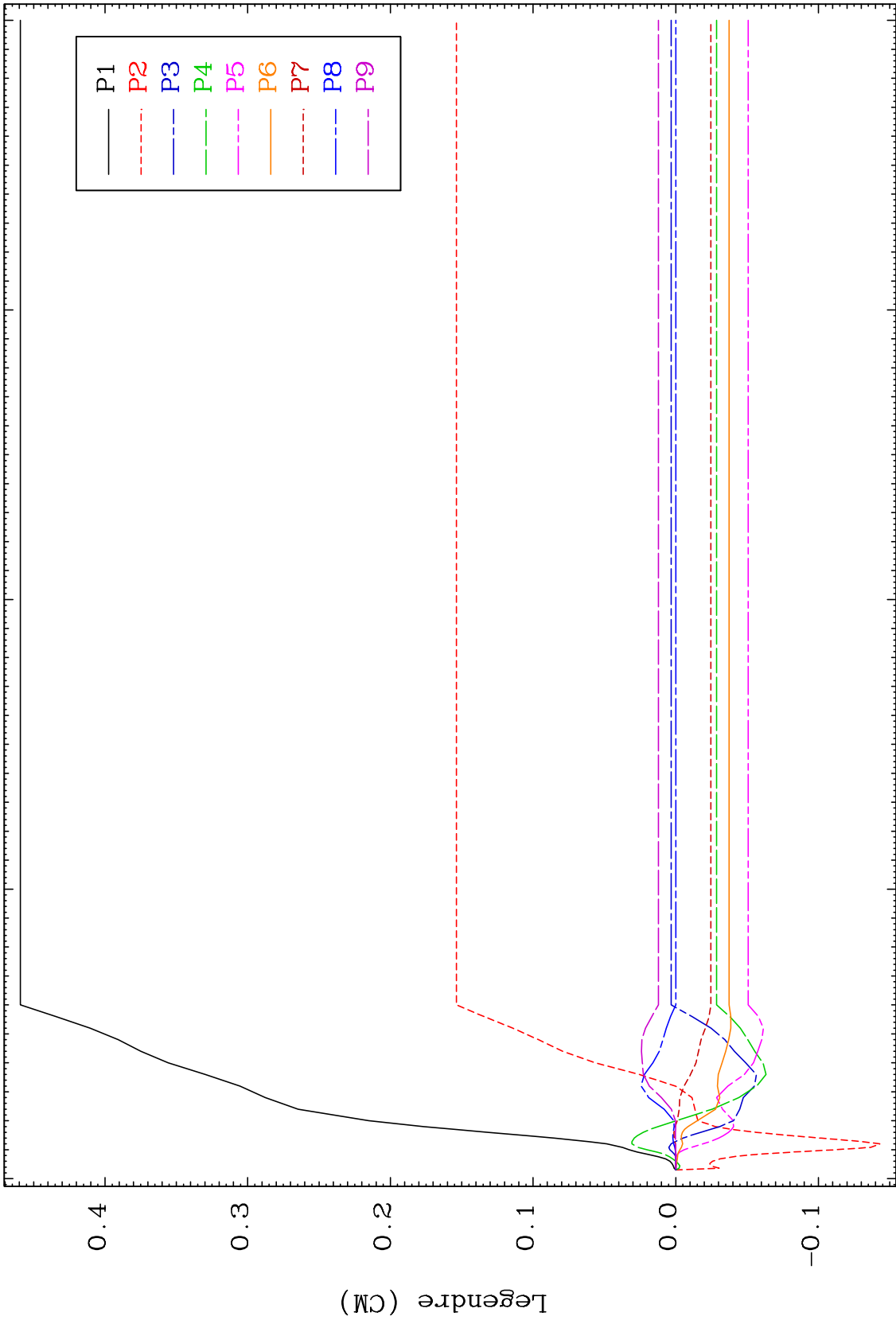


111

60-Nd-150



MAT 6049 MT= 75 (n,n') Level Legendre Coefficients 60-Nd-150

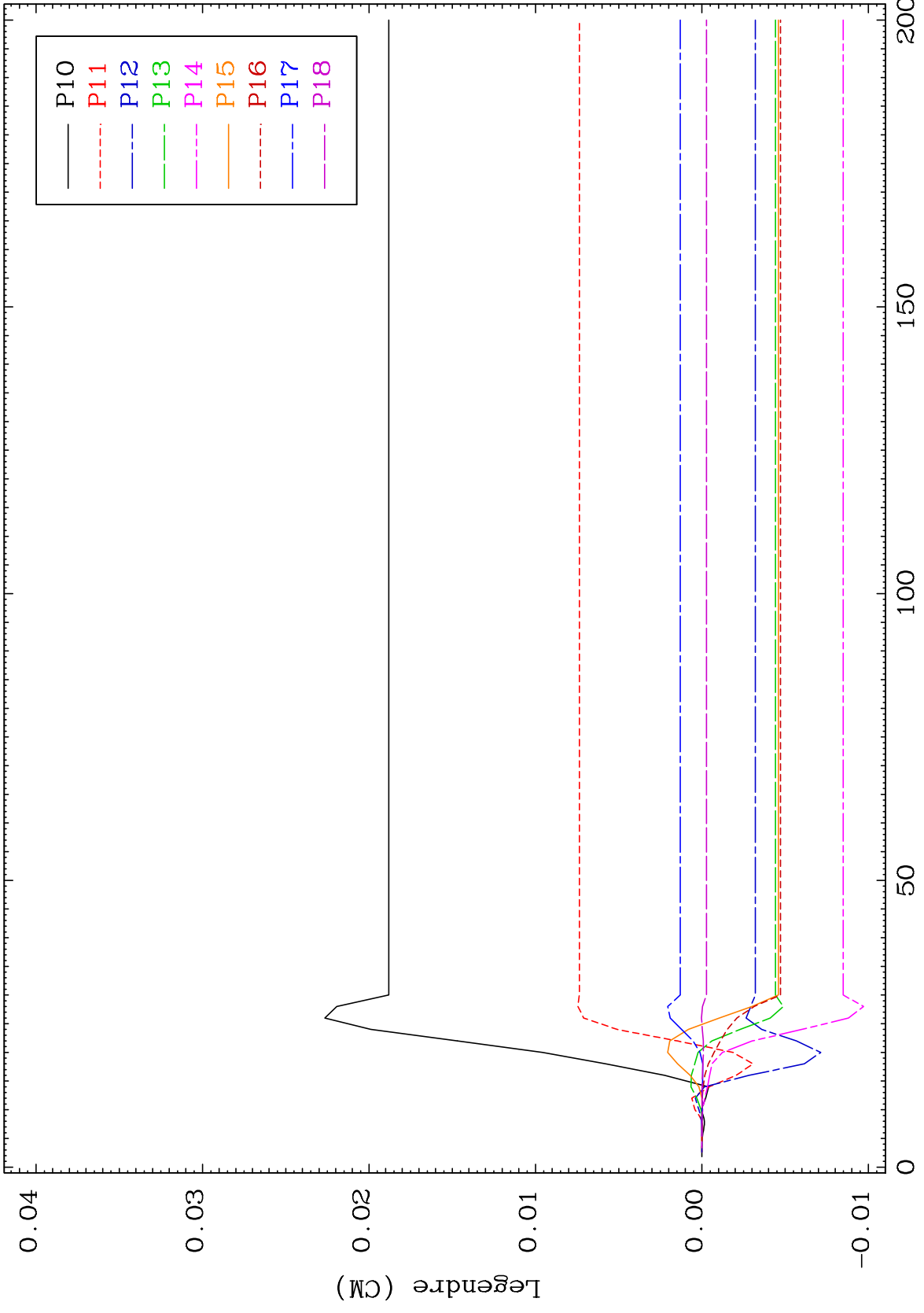


112 60-Nd-150

MAT 6049

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

60-Nd-150



113

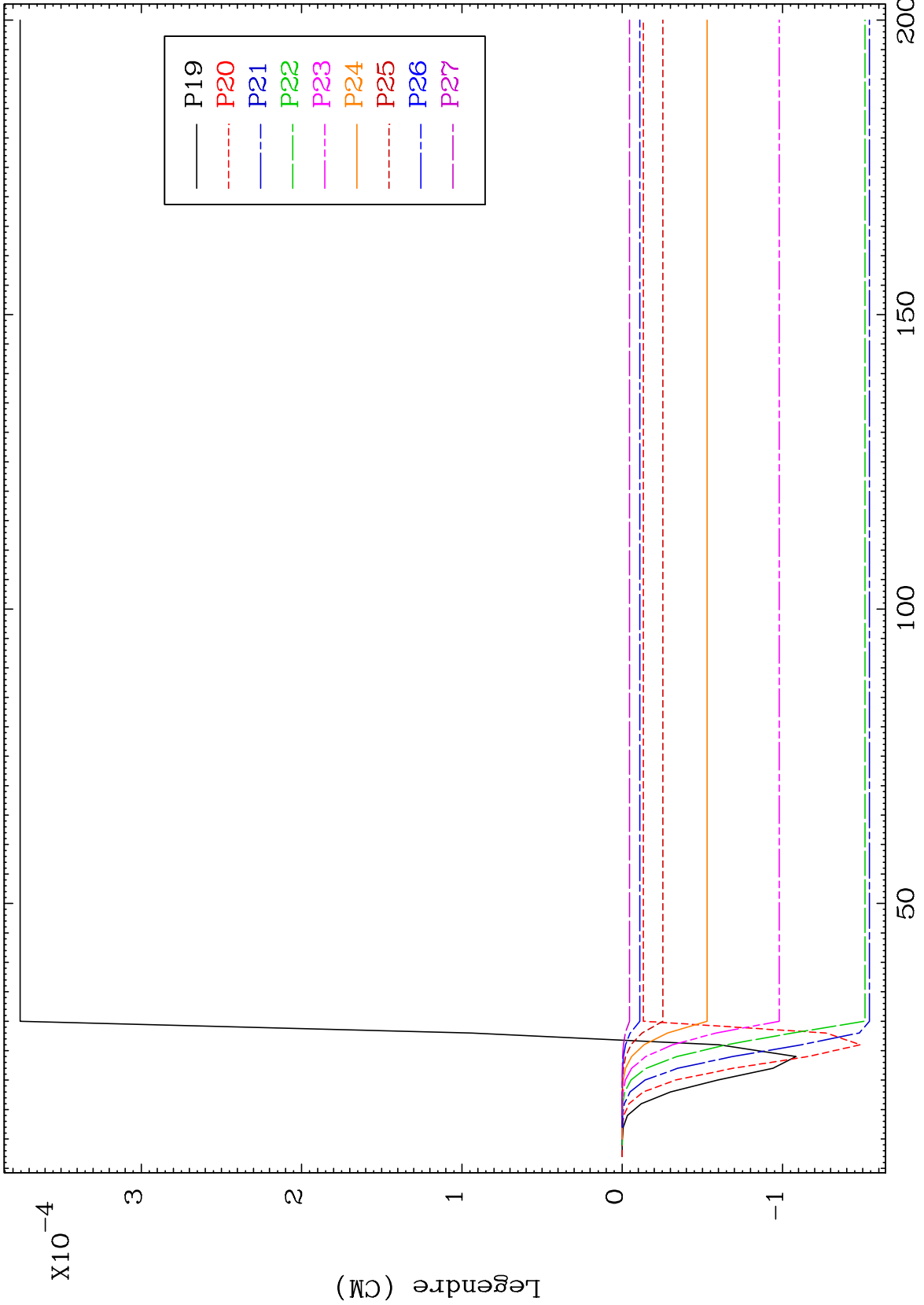
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

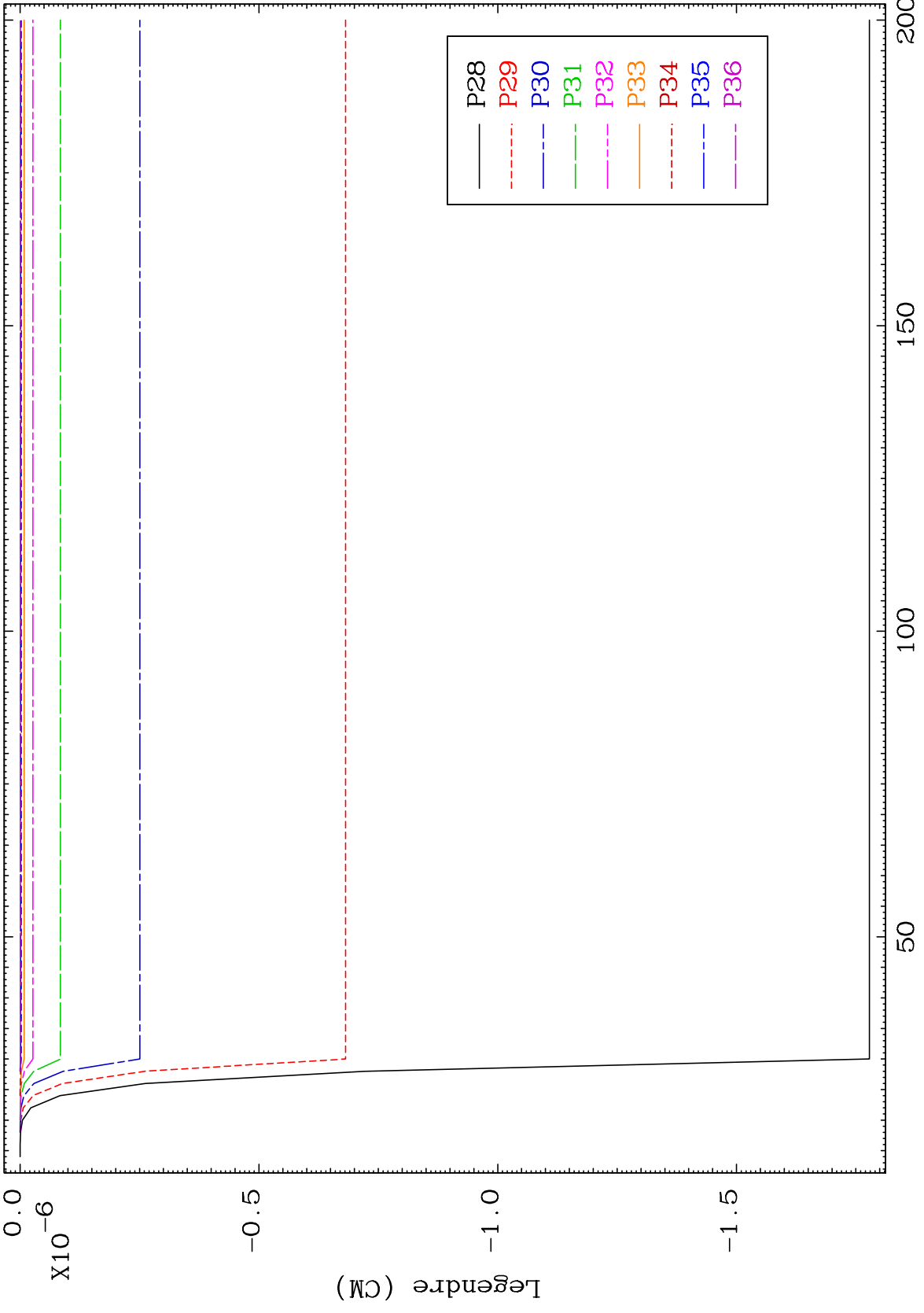
60-Nd-150



114

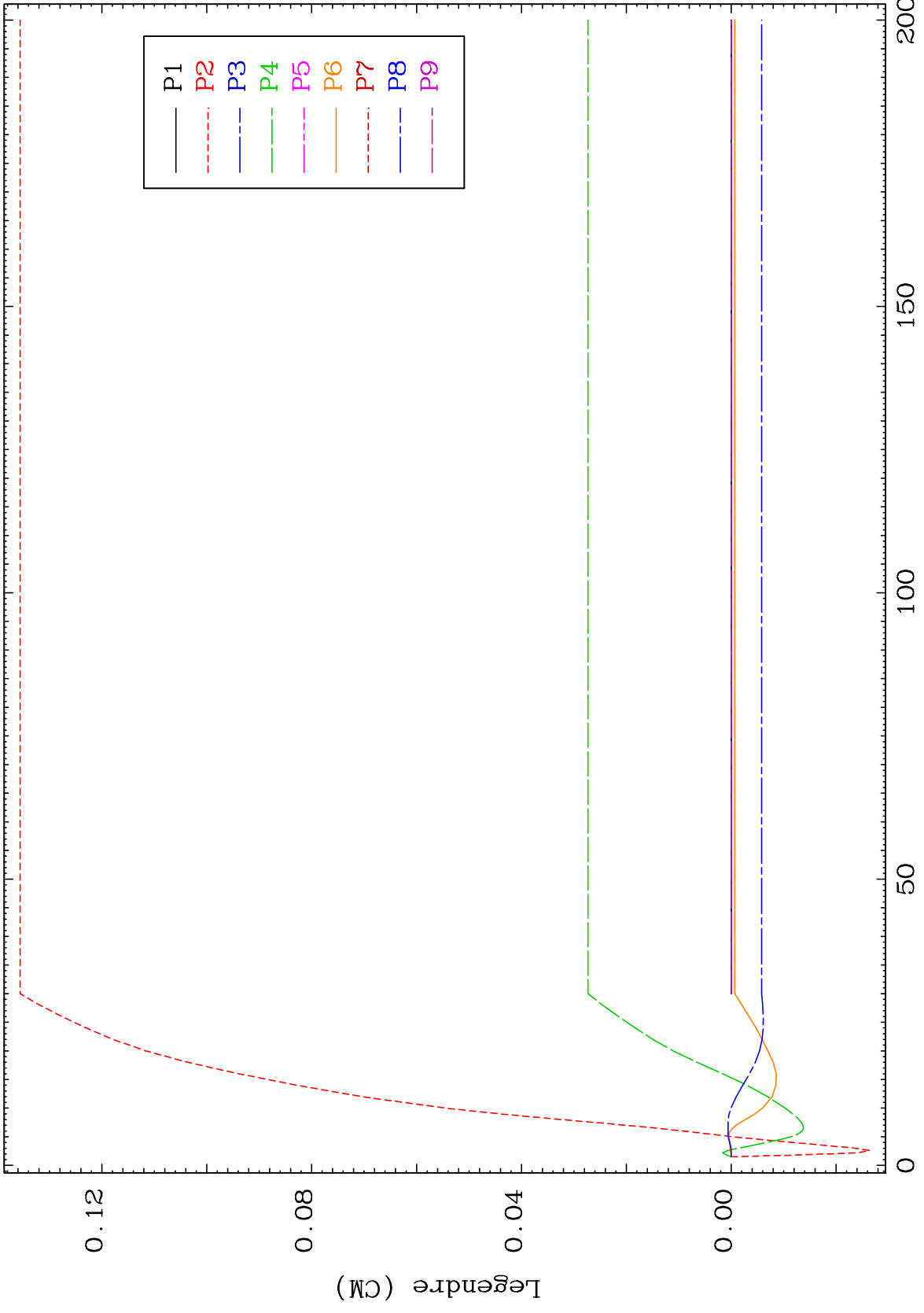
60-Nd-150

MAT 6049 MT= 75 (n,n') Level Legendre Coefficients 60-Nd-150

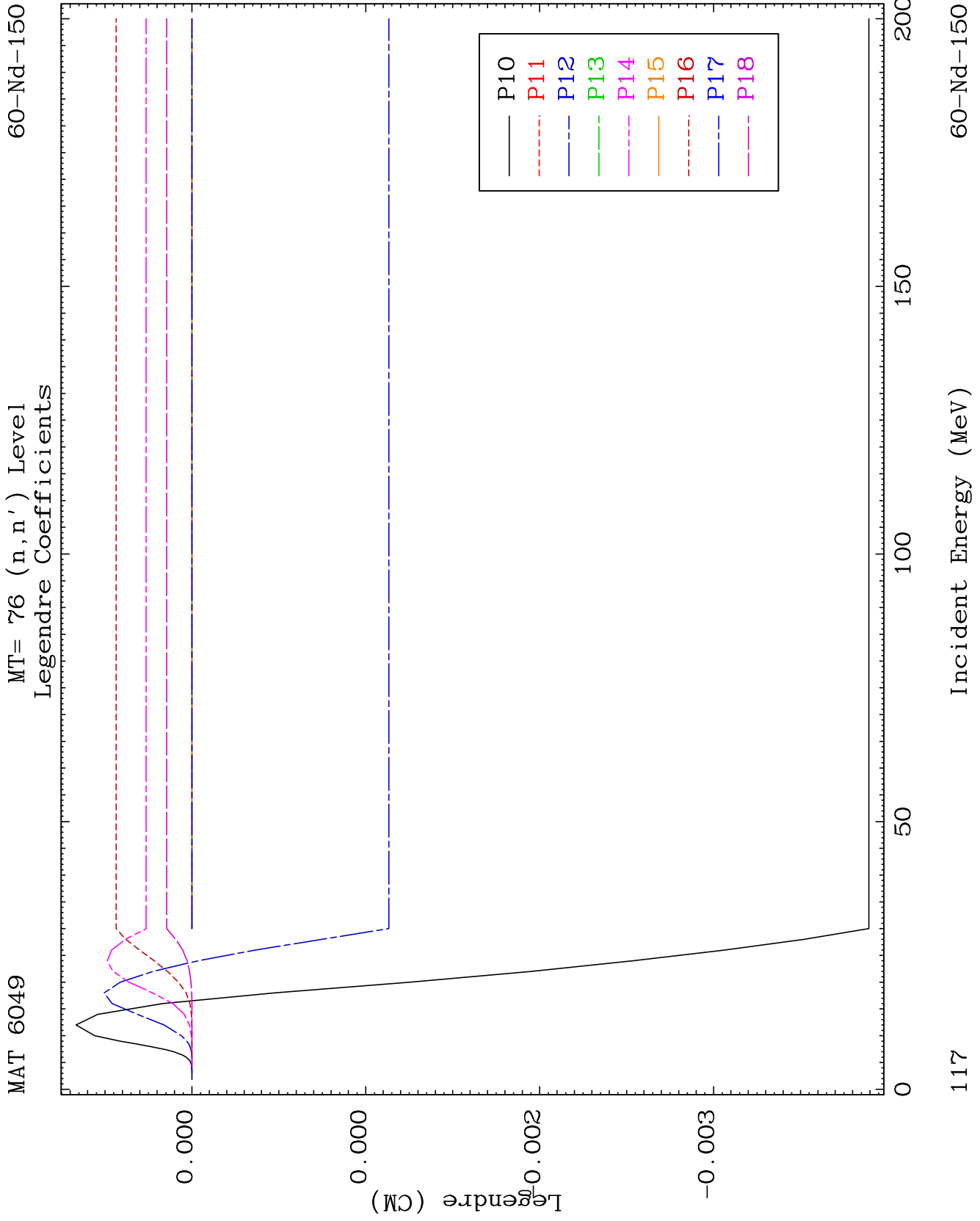


115 60-Nd-150

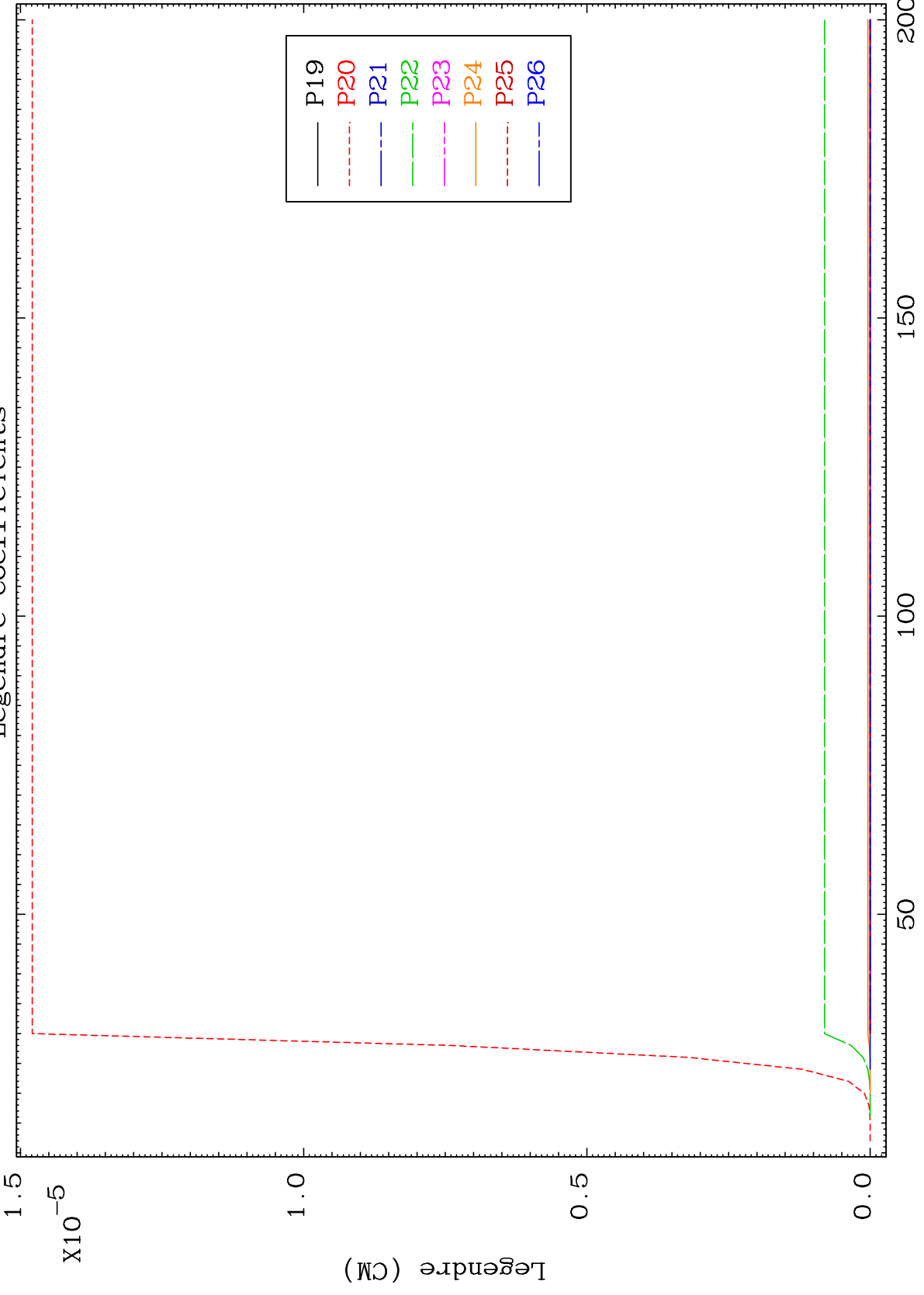
MAT 6049 MT= 76 (n,n') Level Legendre Coefficients 60-Nd-150



116 60-Nd-150



MAT 6049 MT= 76 (n,n') Level Legendre Coefficients 60-Nd-150

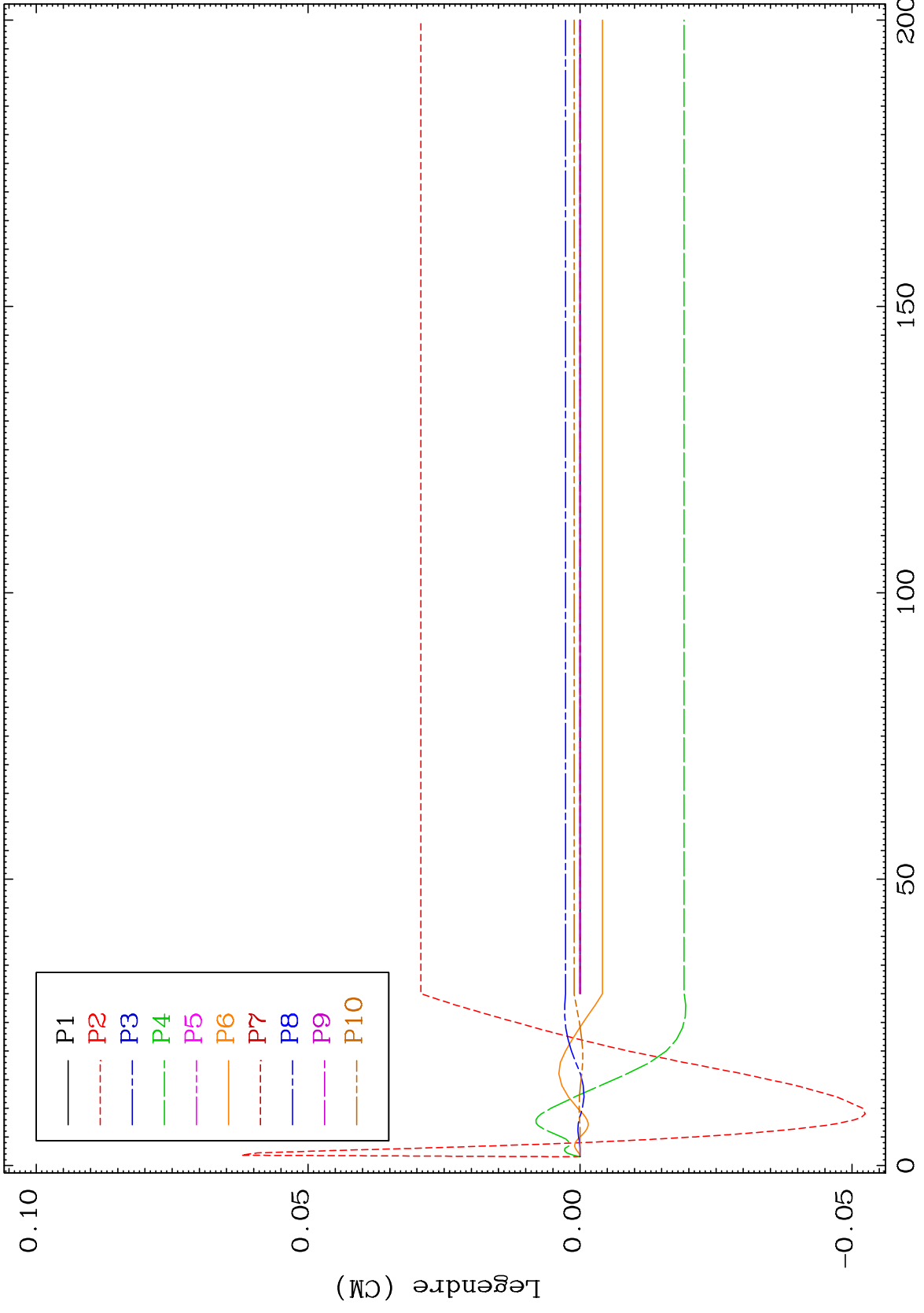


118 60-Nd-150

MAT 6049

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

60-Nd-150

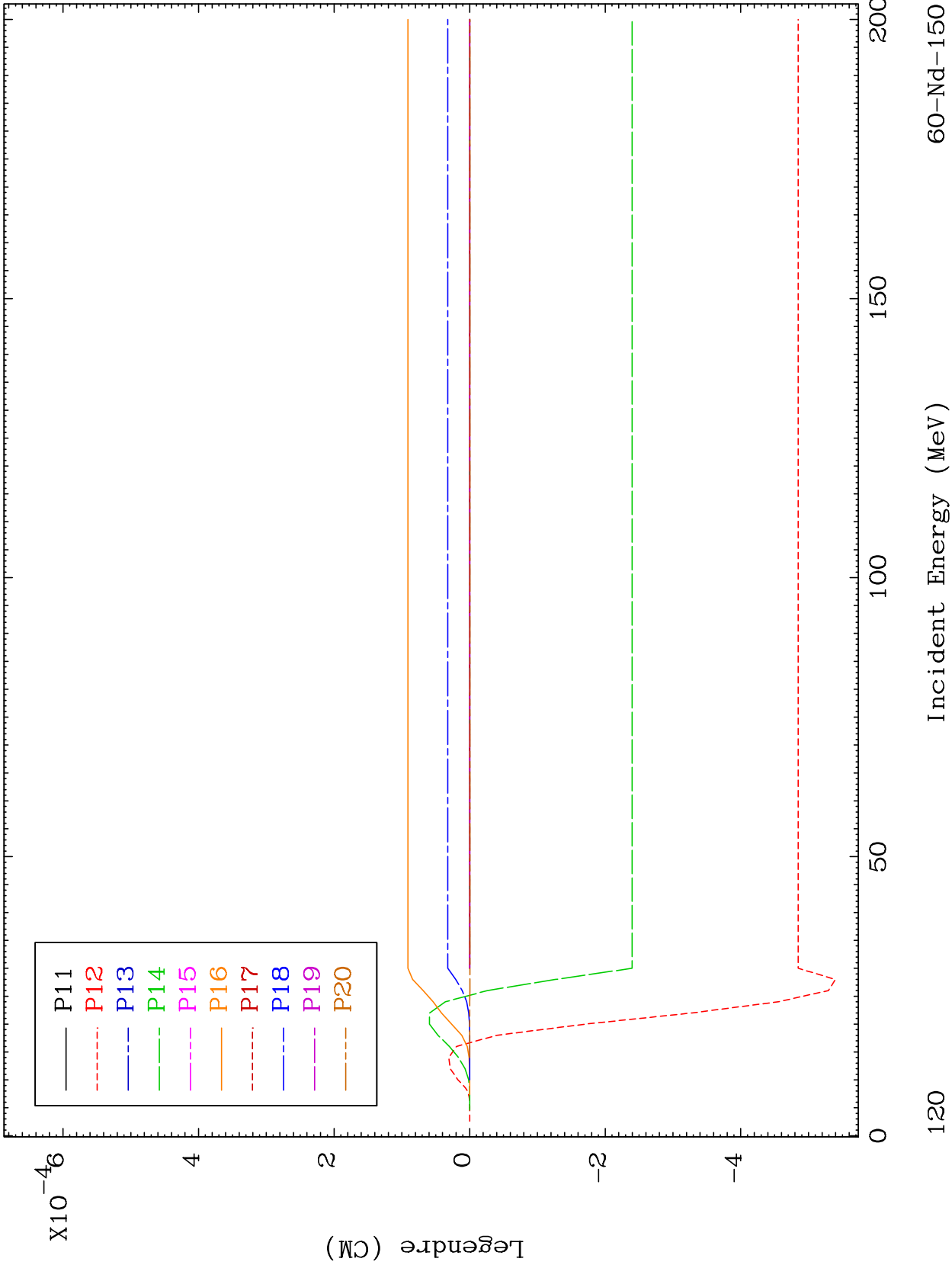




MAT 6049

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

60-Nd-150

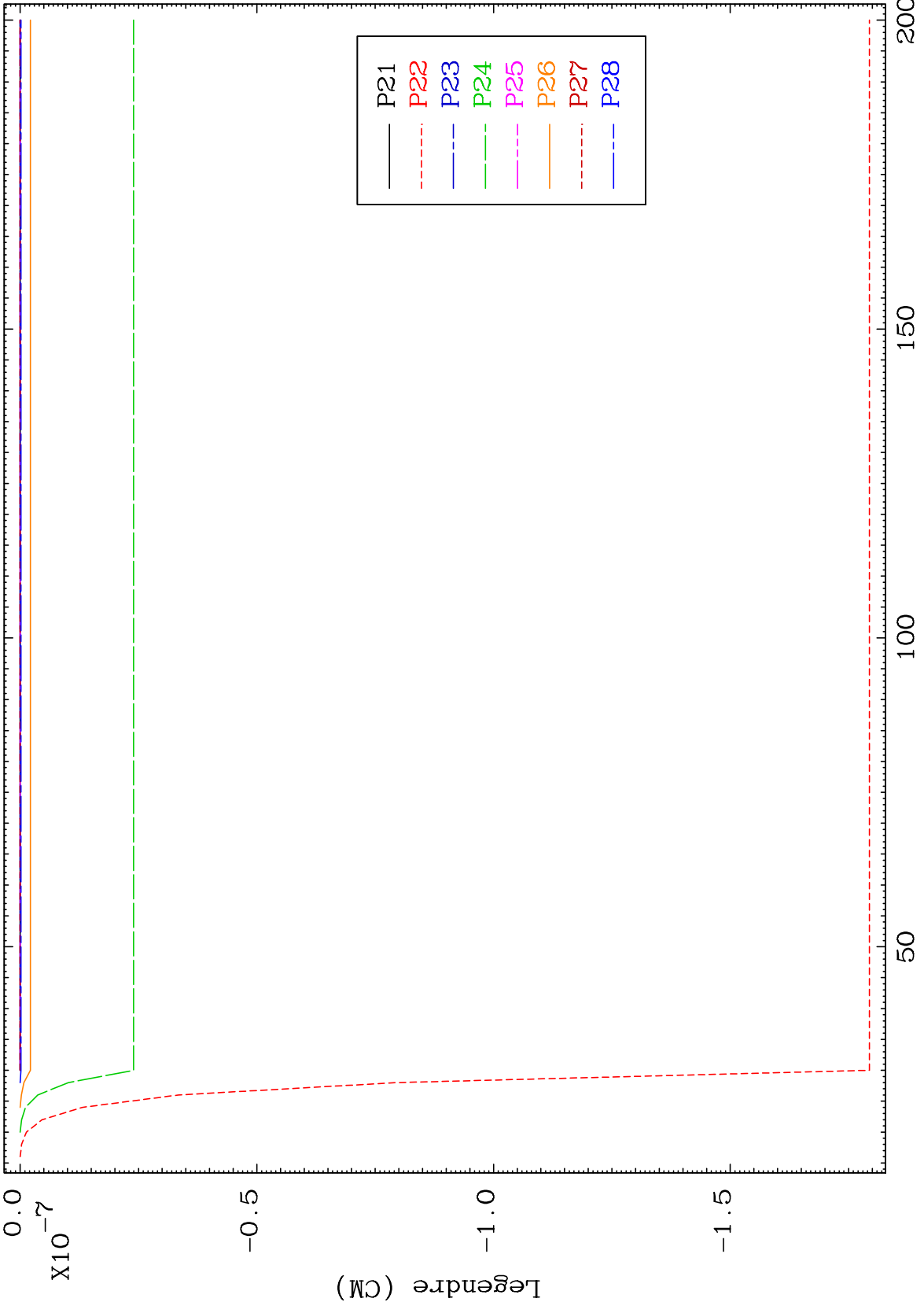


120

Incident Energy (MeV)

60-Nd-150

MAT 6049 MT= 77 (n,n') Level Legendre Coefficients 60-Nd-150

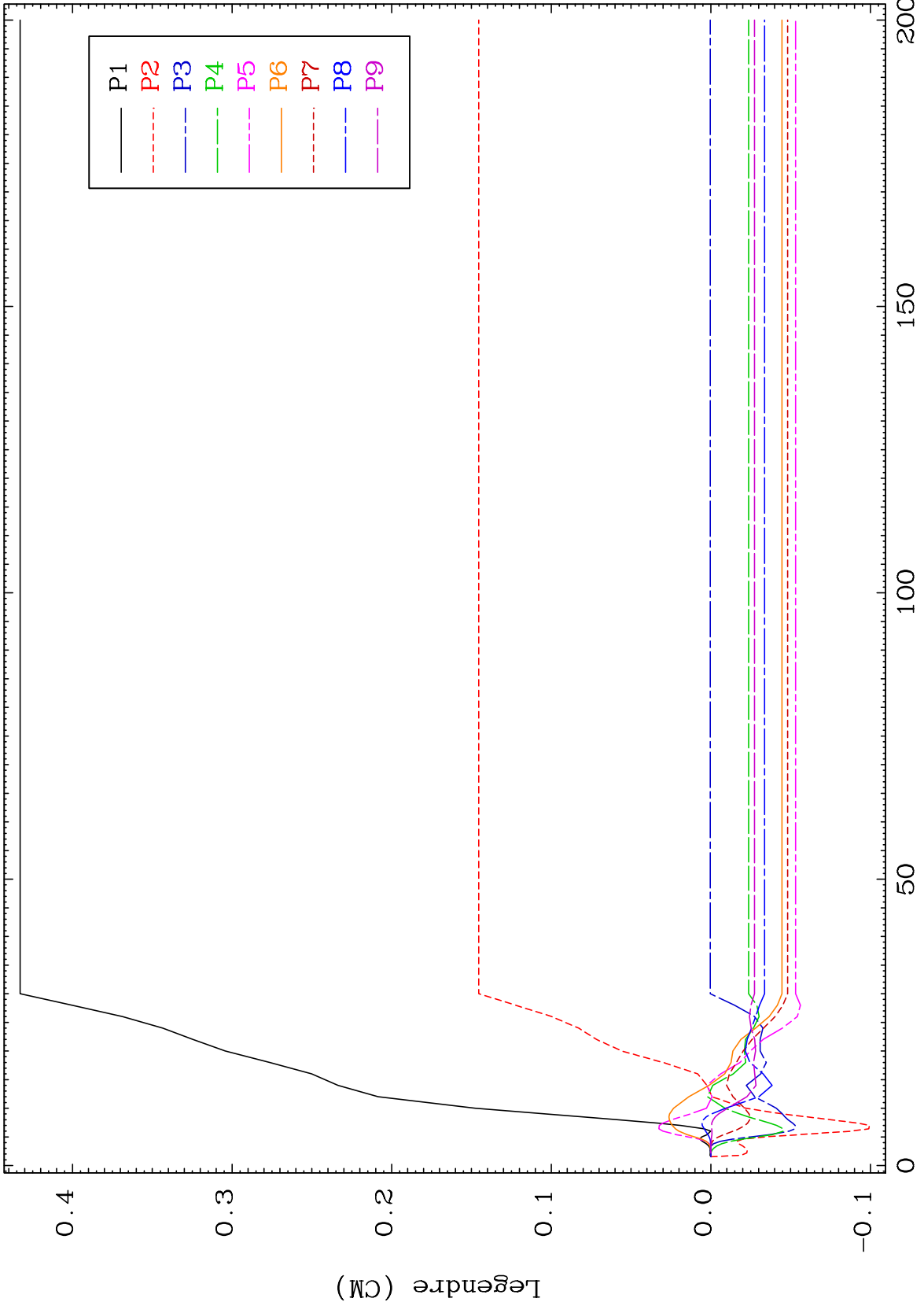


121

Incident Energy (MeV)

60-Nd-150

MAT 6049 MT= 78 (n,n') Level Legendre Coefficients 60-Nd-150

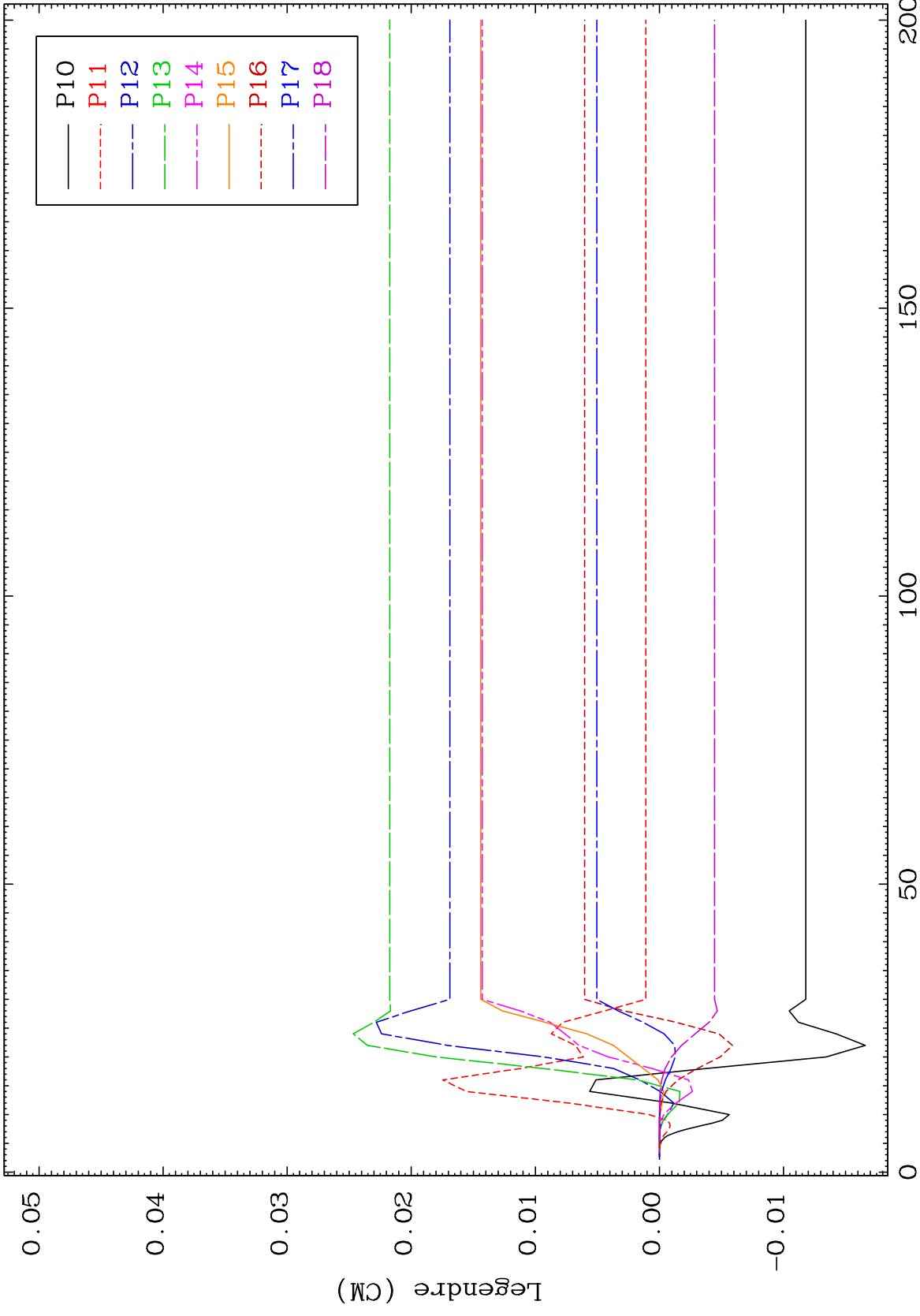


122 60-Nd-150

MAT 6049

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

60-Nd-150



123

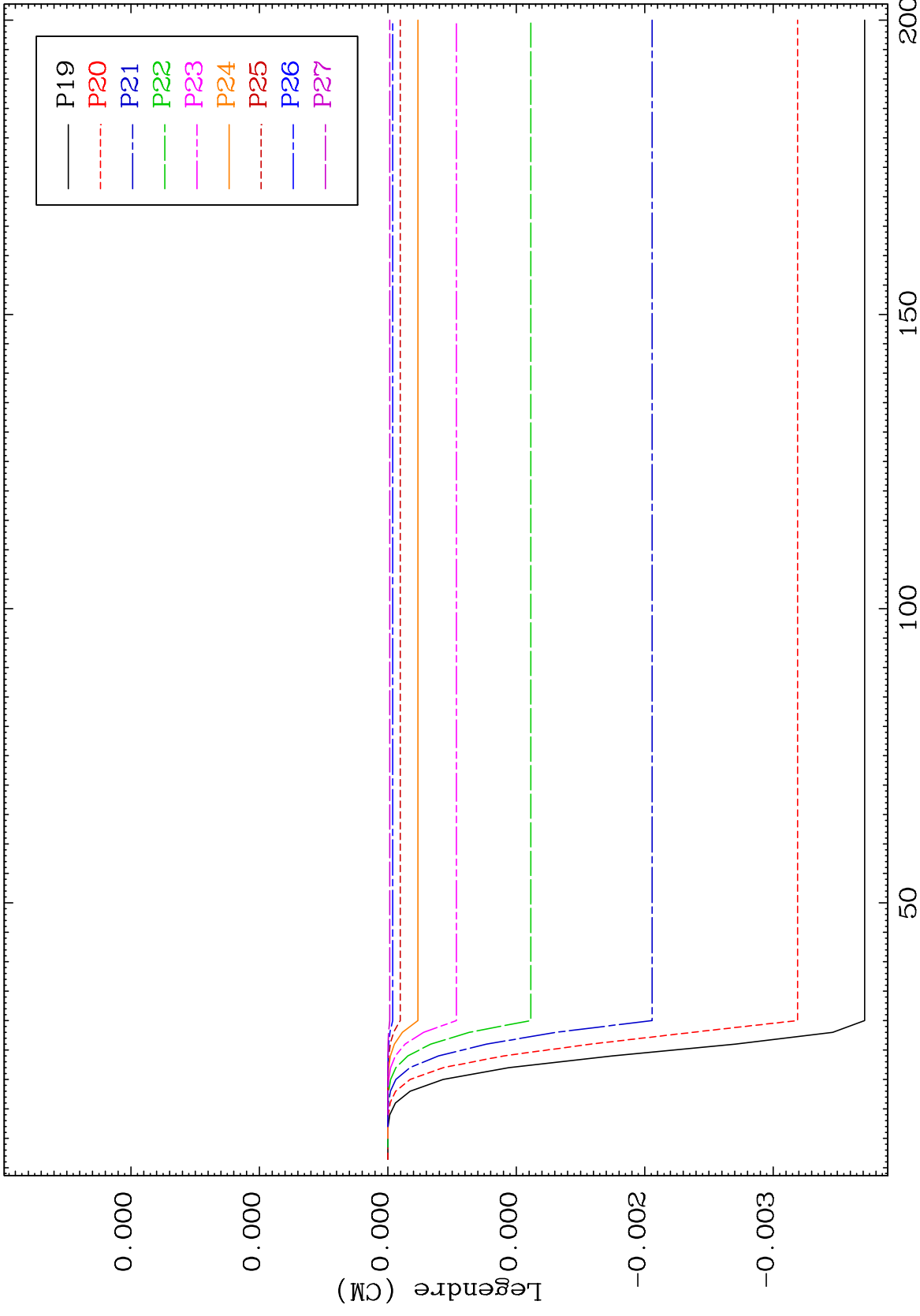
Incident Energy (MeV)

60-Nd-150

MAT 6049

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

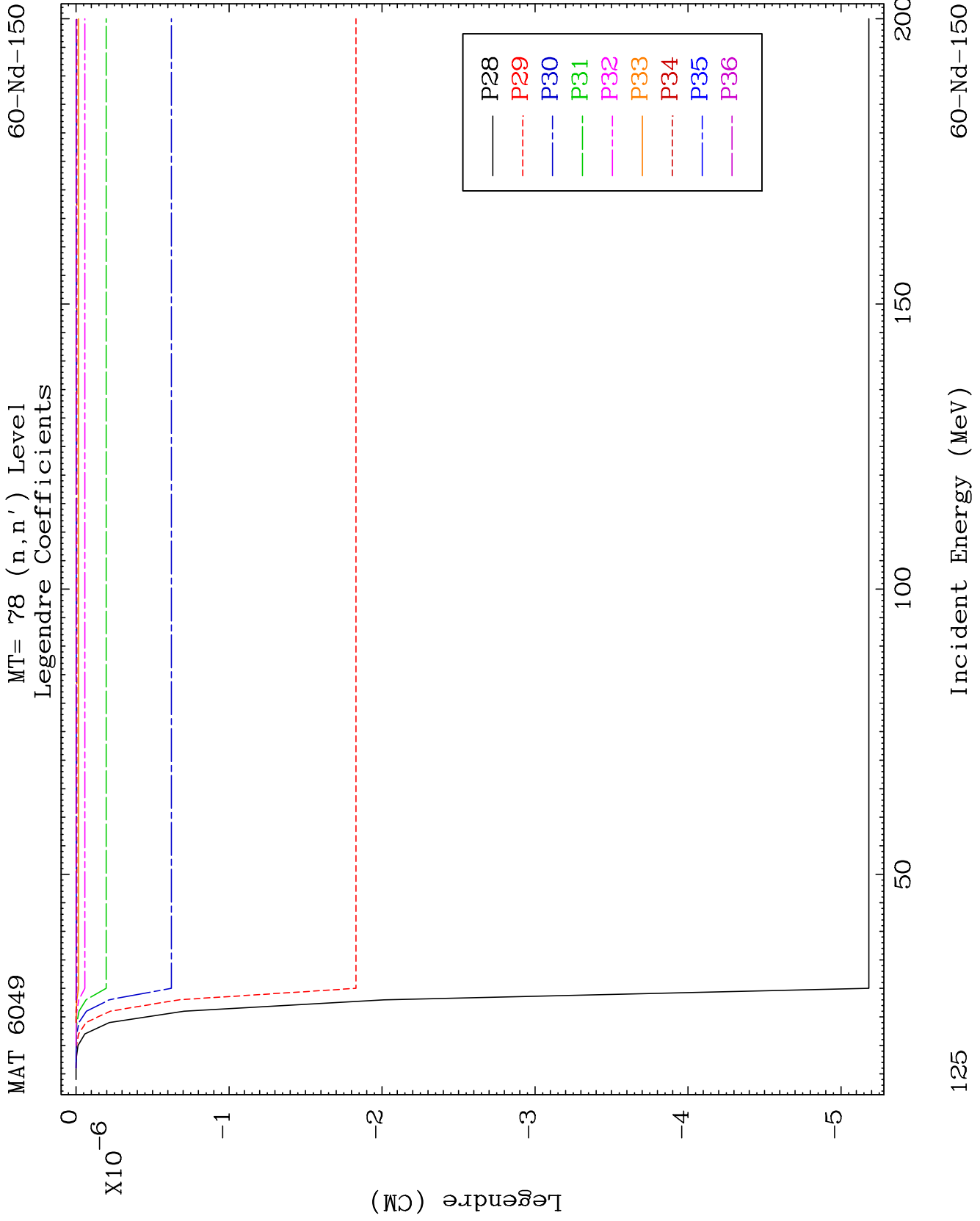
60-Nd-150



124

Incident Energy (MeV)

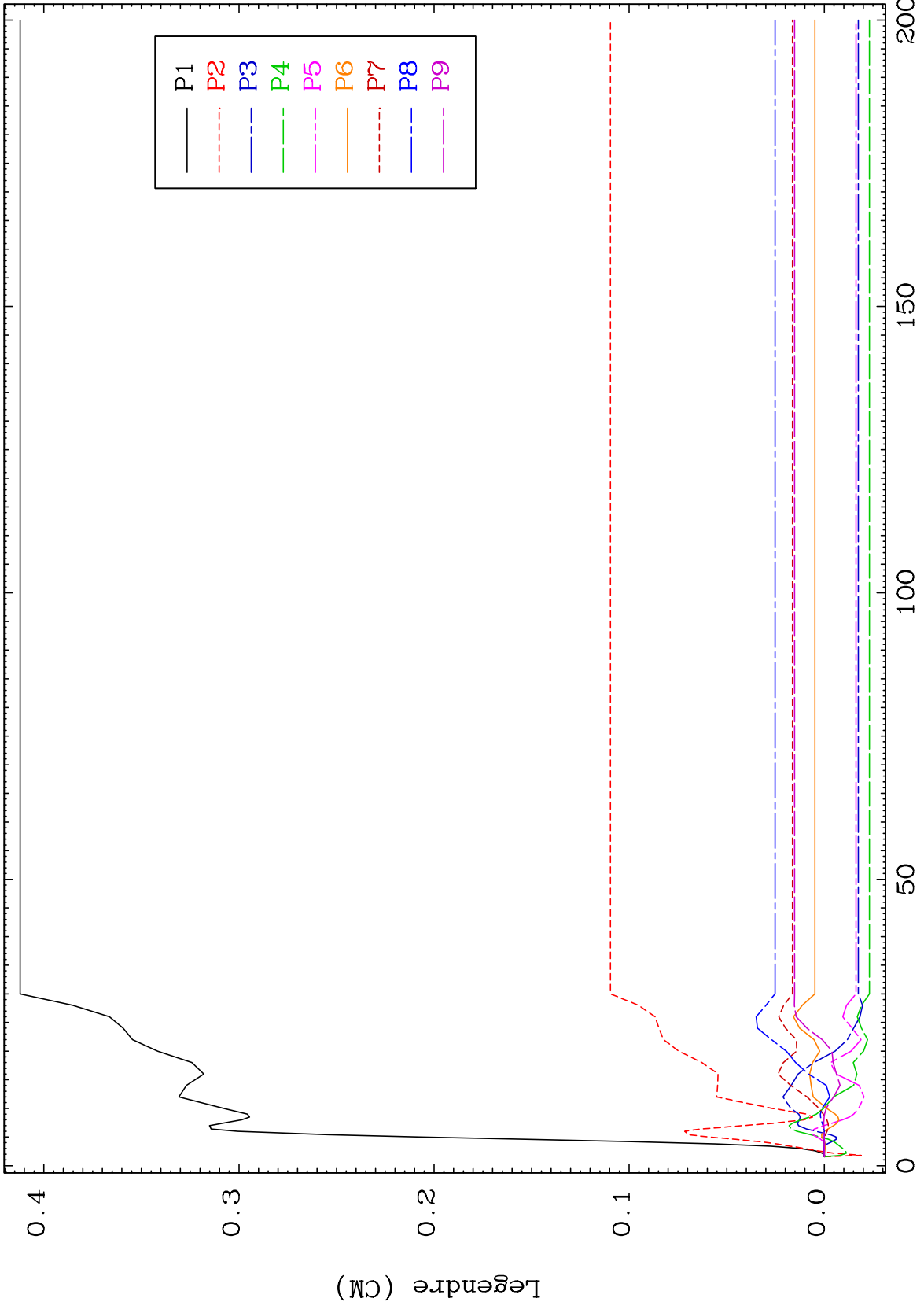
60-Nd-150



MAT 6049

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

60-Nd-150



126

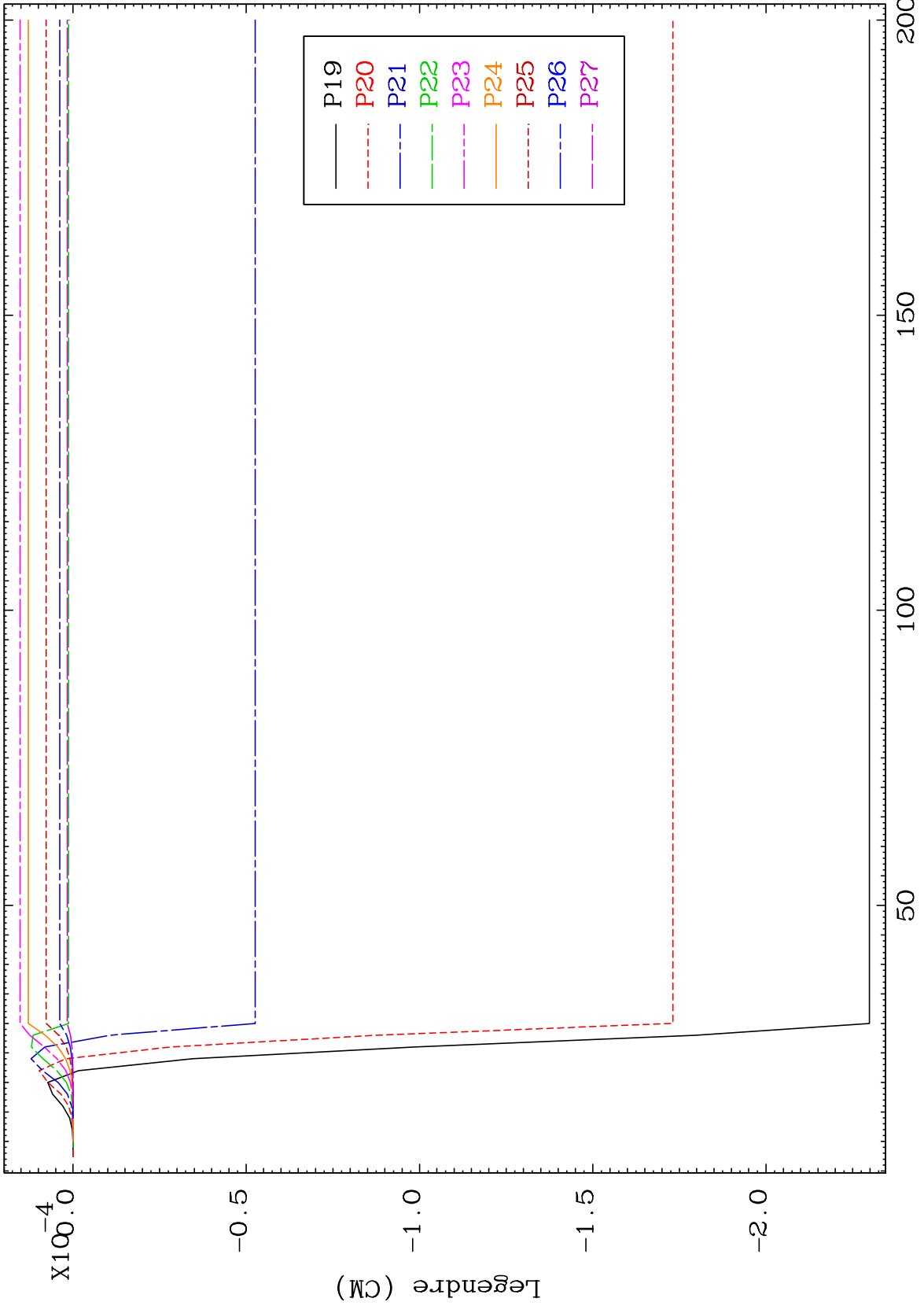
Incident Energy (MeV)

60-Nd-150



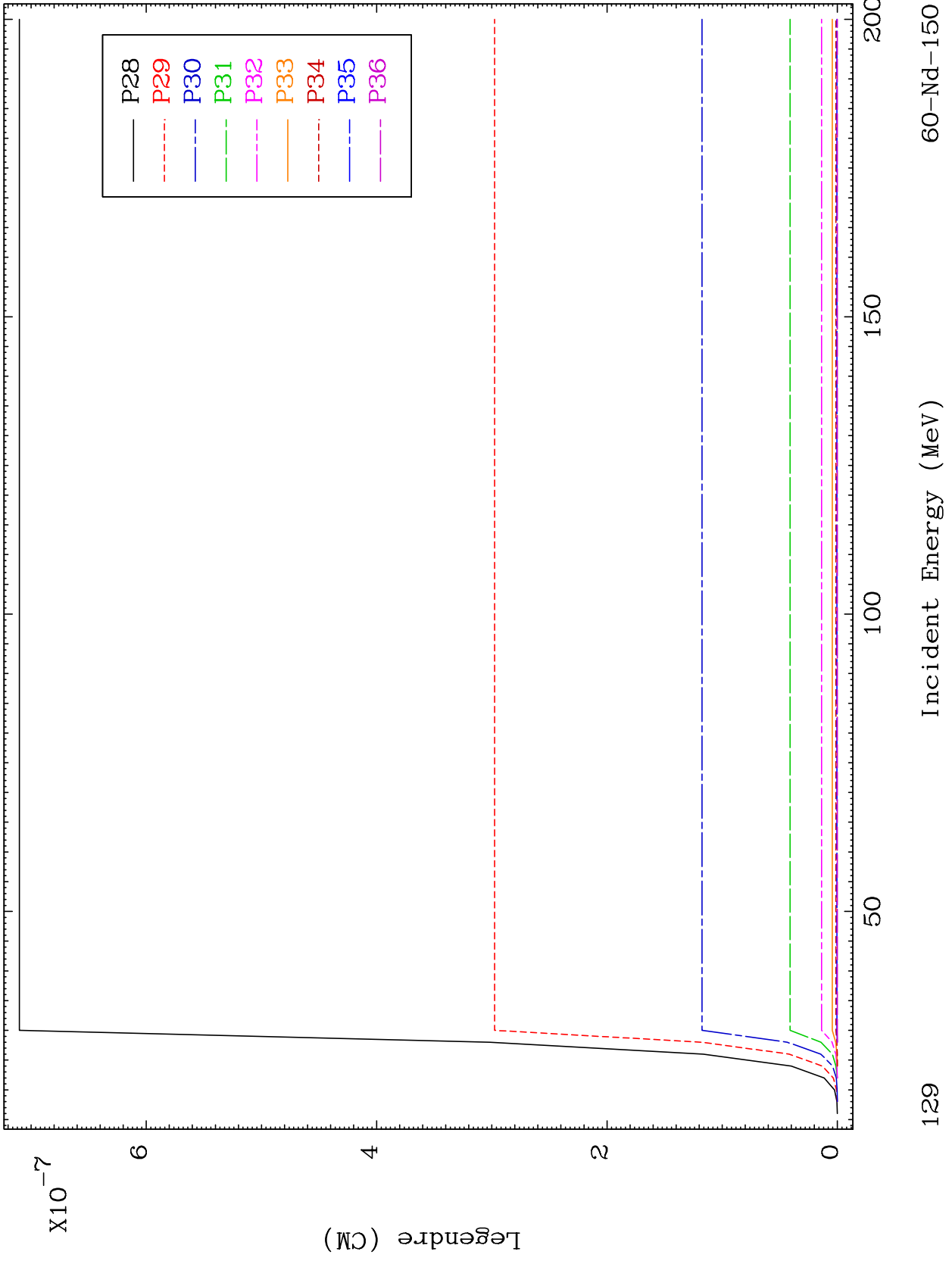


MAT 6049 MT= 79 (n,n') Level Legendre Coefficients 60-Nd-150



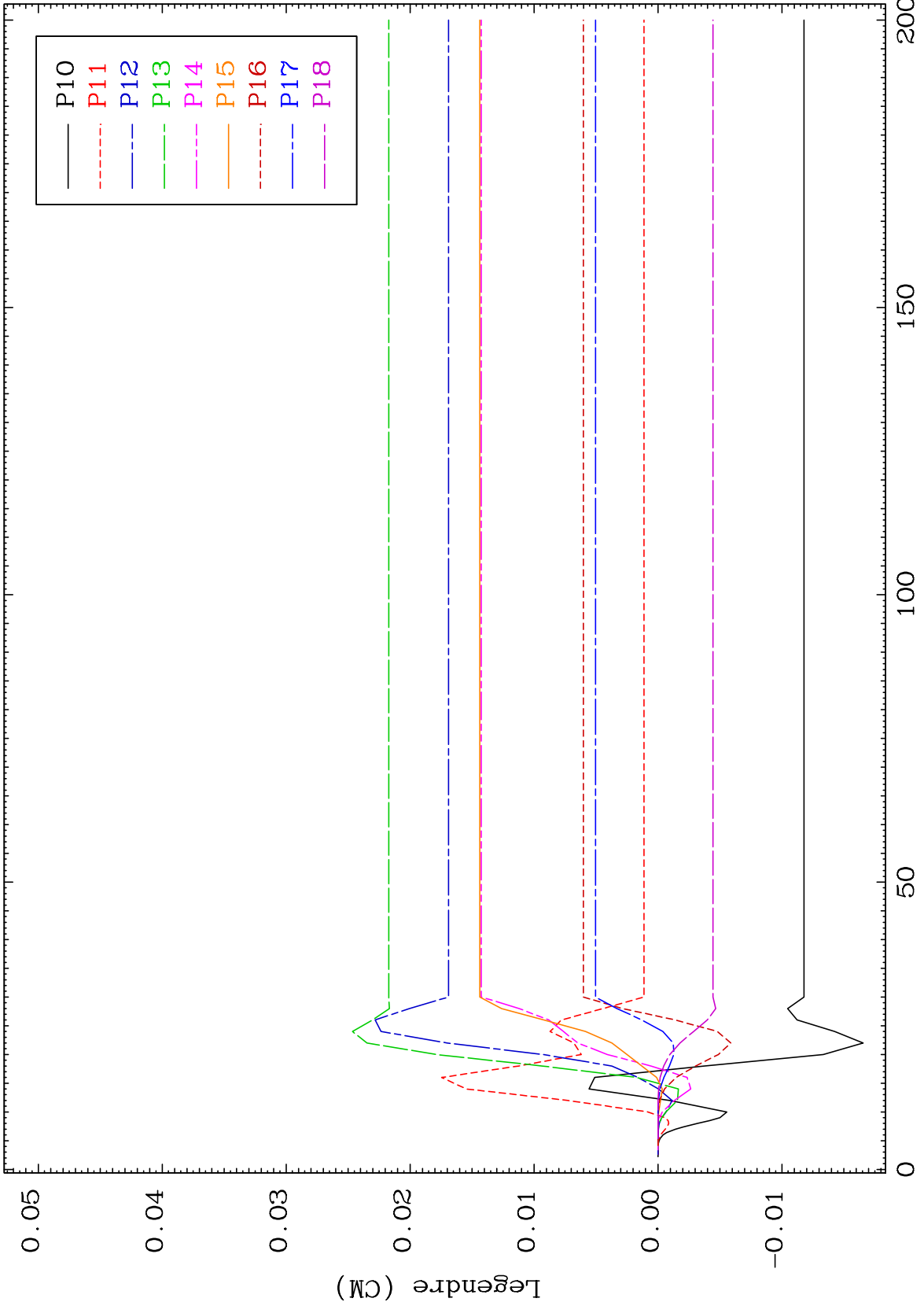
128 60-Nd-150

MAT 6049 MT= 79 (n,n') Level Legendre Coefficients 60-Nd-150





MAT 6049 MT= 80 (n,n') Level Legendre Coefficients 60-Nd-150

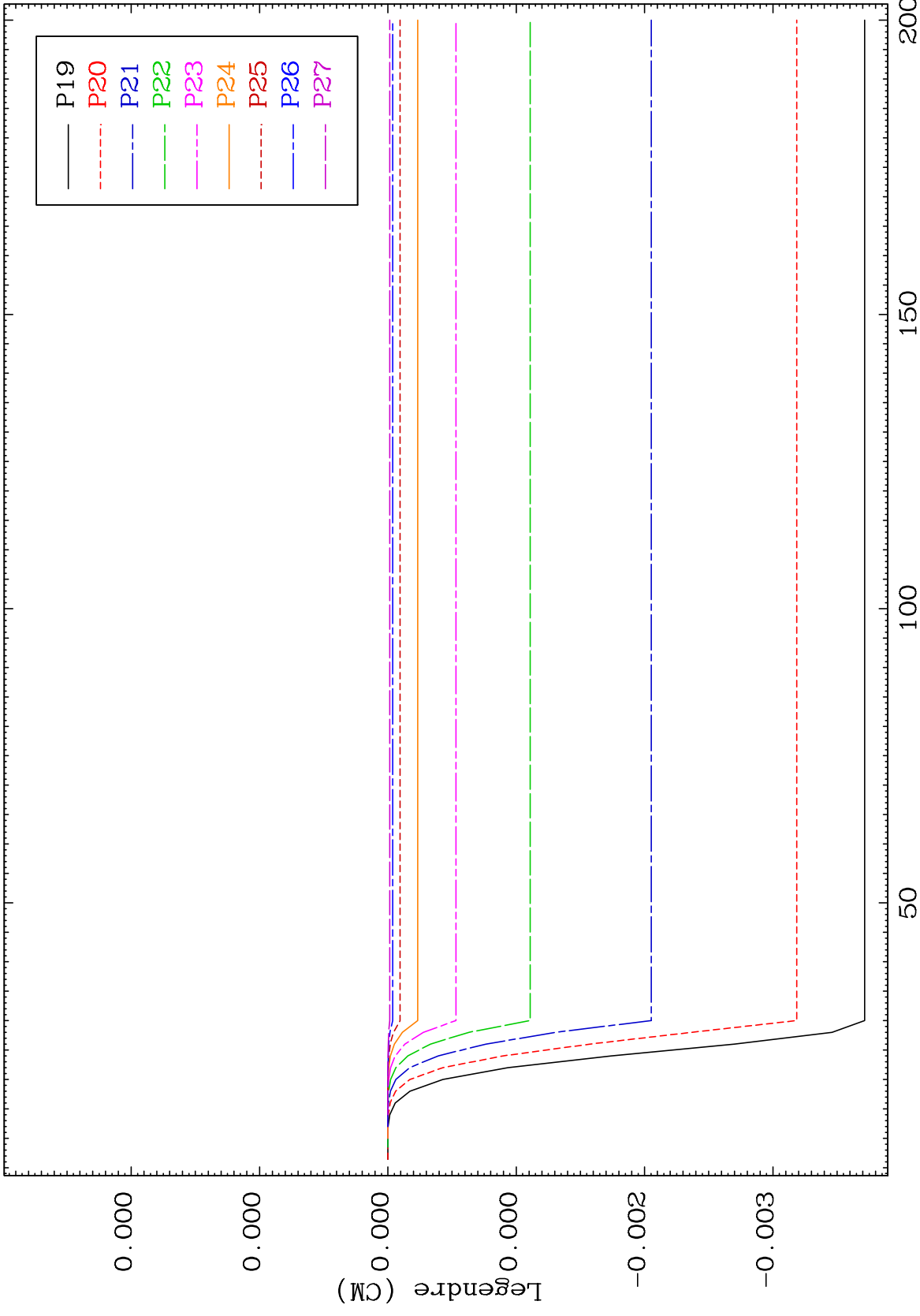


131 60-Nd-150

MAT 6049

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

60-Nd-150

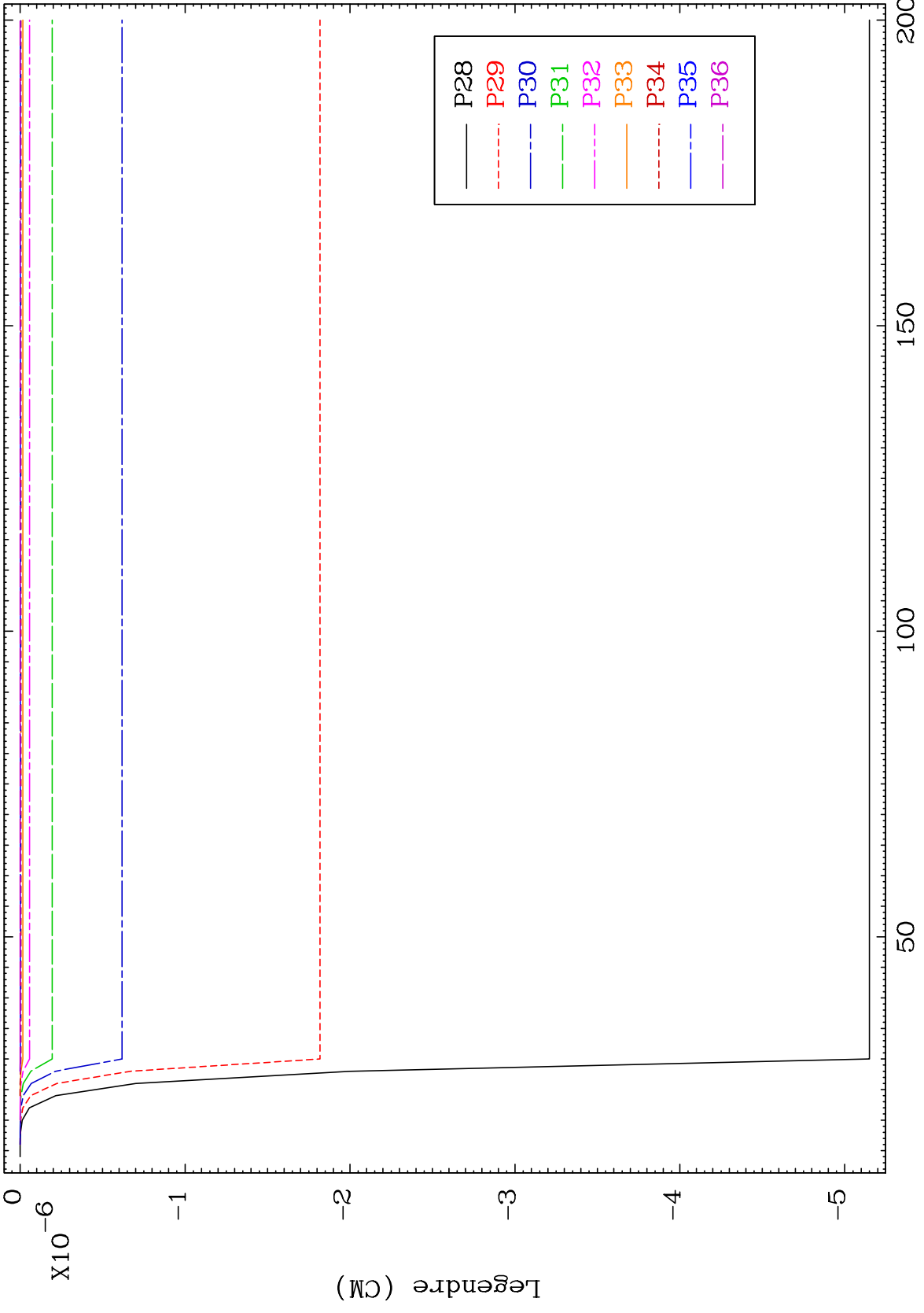


132

Incident Energy (MeV)

60-Nd-150

MAT 6049 MT= 80 (n,n') Level Legendre Coefficients 60-Nd-150



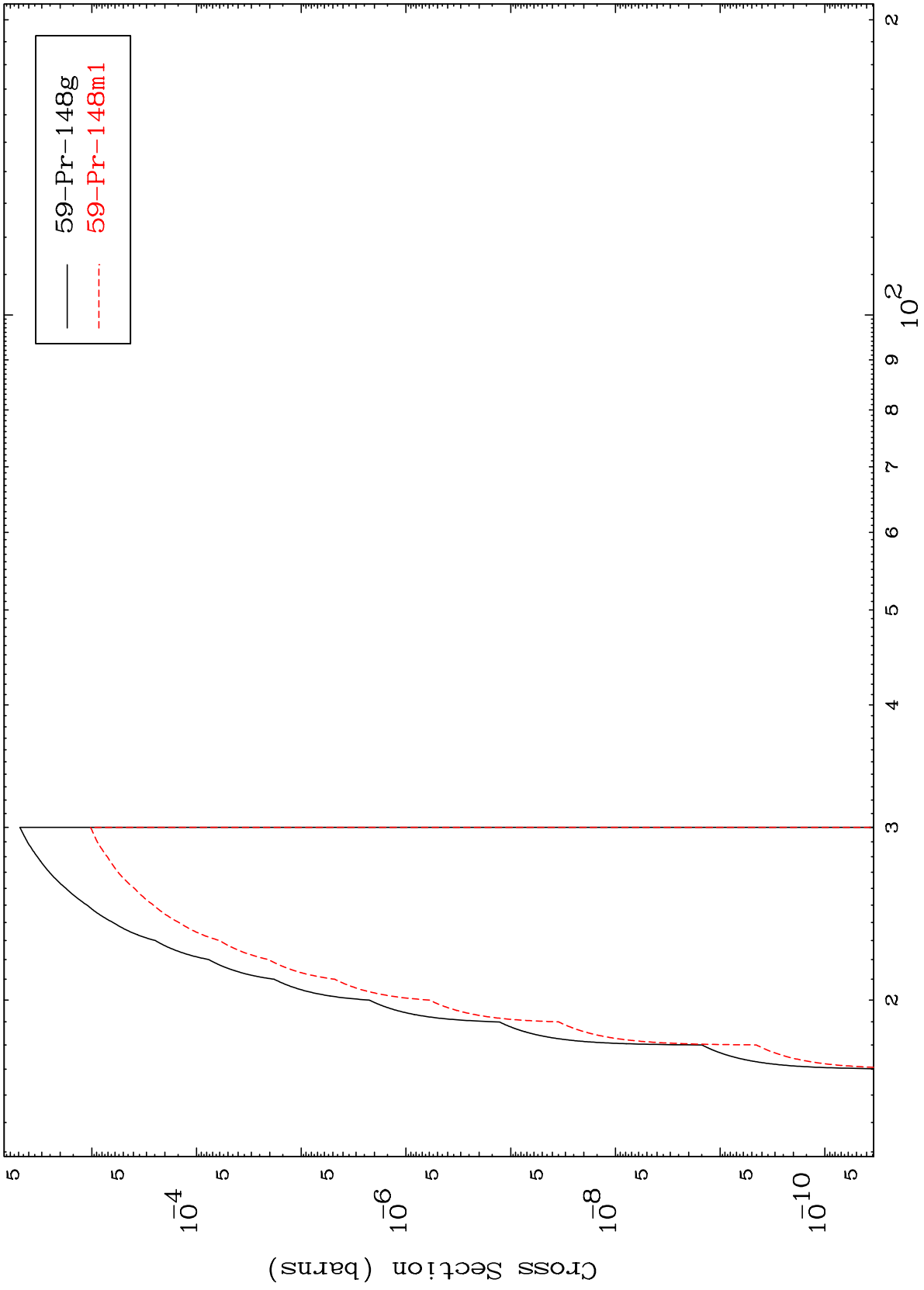
133 60-Nd-150

MAT 6049

(n,n') d

60-Nd-150

Radionuclide Production Cross Section



134

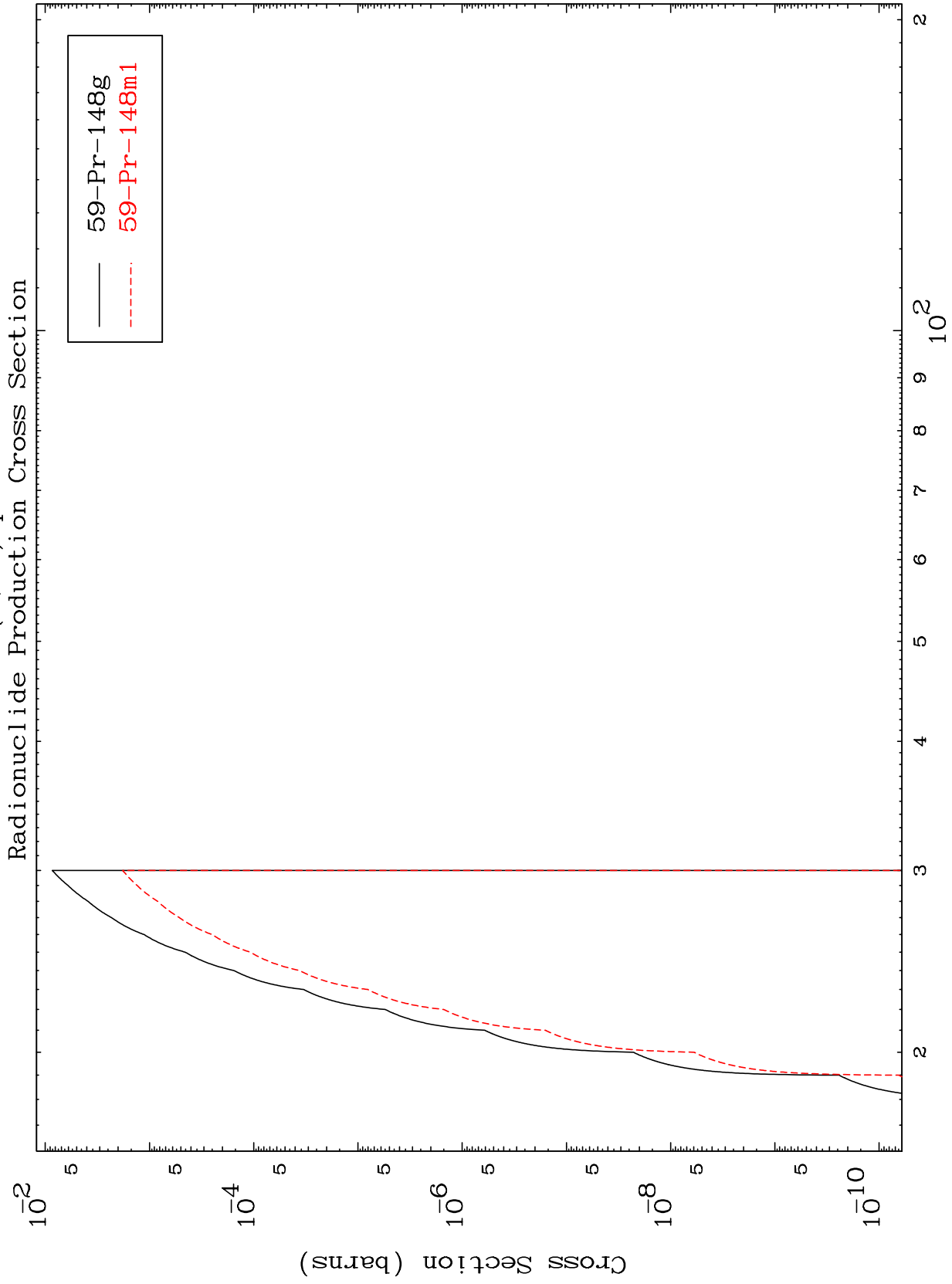
Incident Energy (MeV)

60-Nd-150

MAT 6049

(n,2n) p

60-Nd-150



135

Incident Energy (MeV)

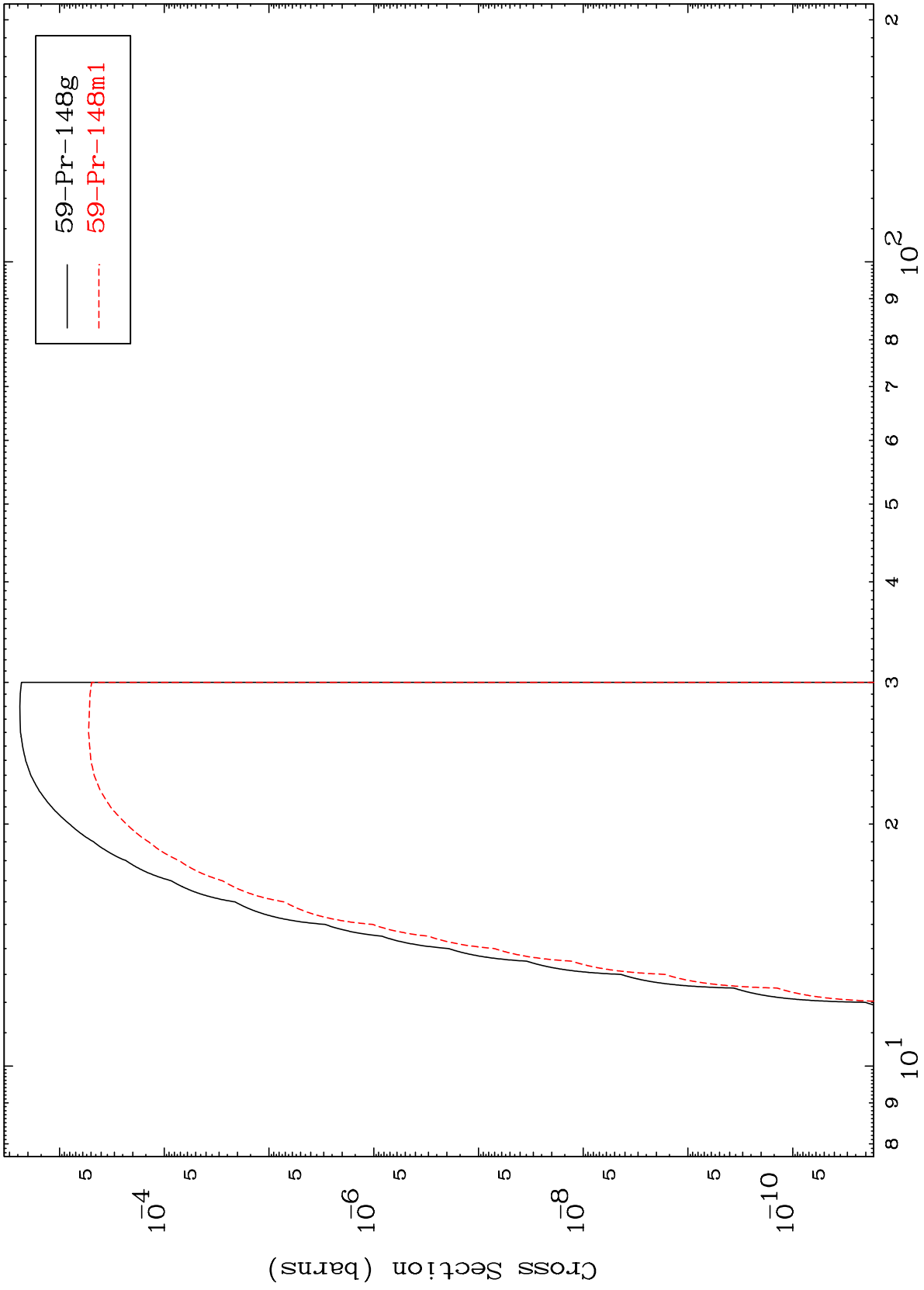
60-Nd-150



MAT 6049

60-Nd-150

(n, t)  
Radionuclide Production Cross Section



136

Incident Energy (MeV)

60-Nd-150