

Program EVALPLOT
(Version 2018-1)

by

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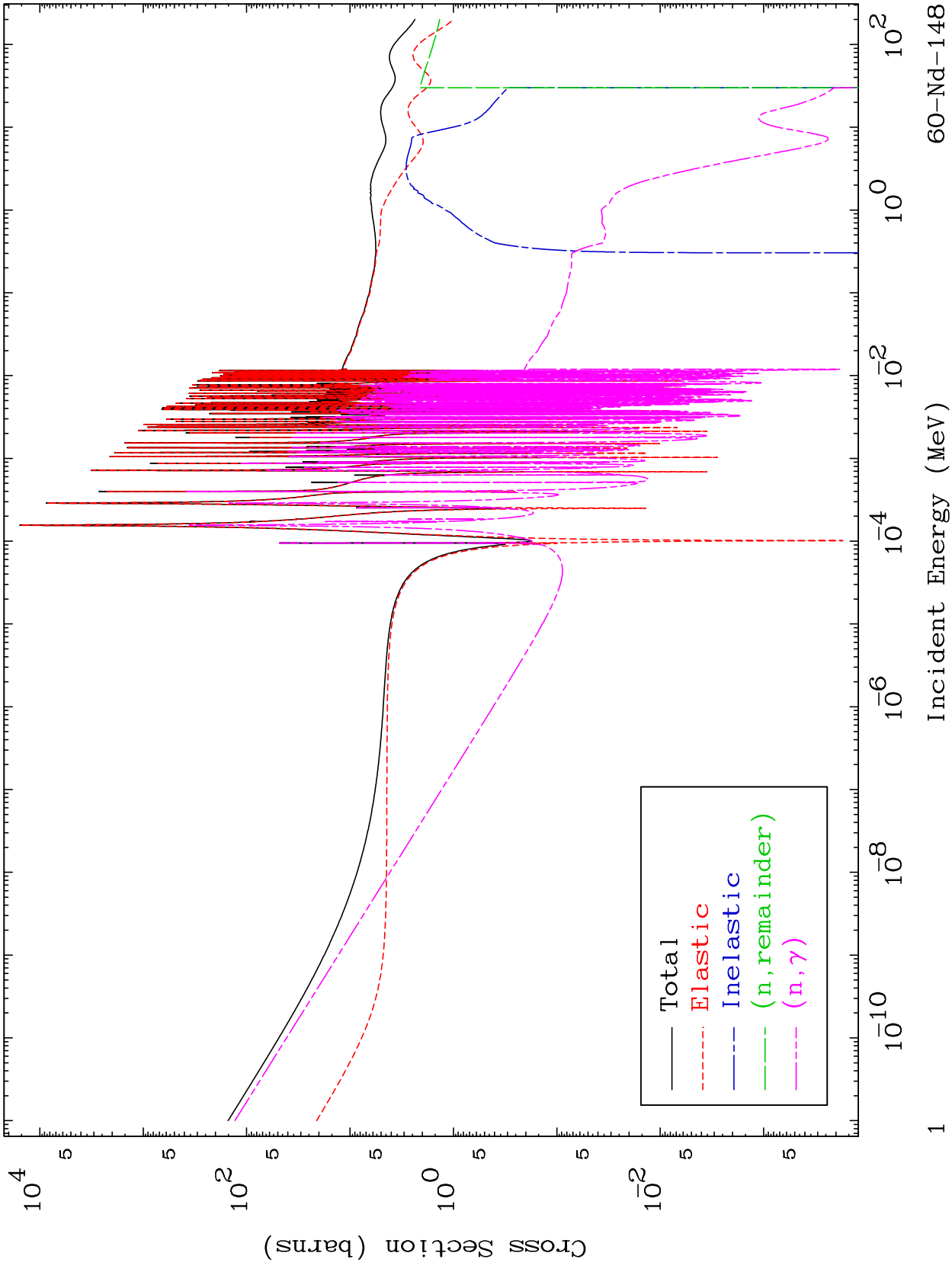
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6043

Major
293 Kelvin Cross Sections

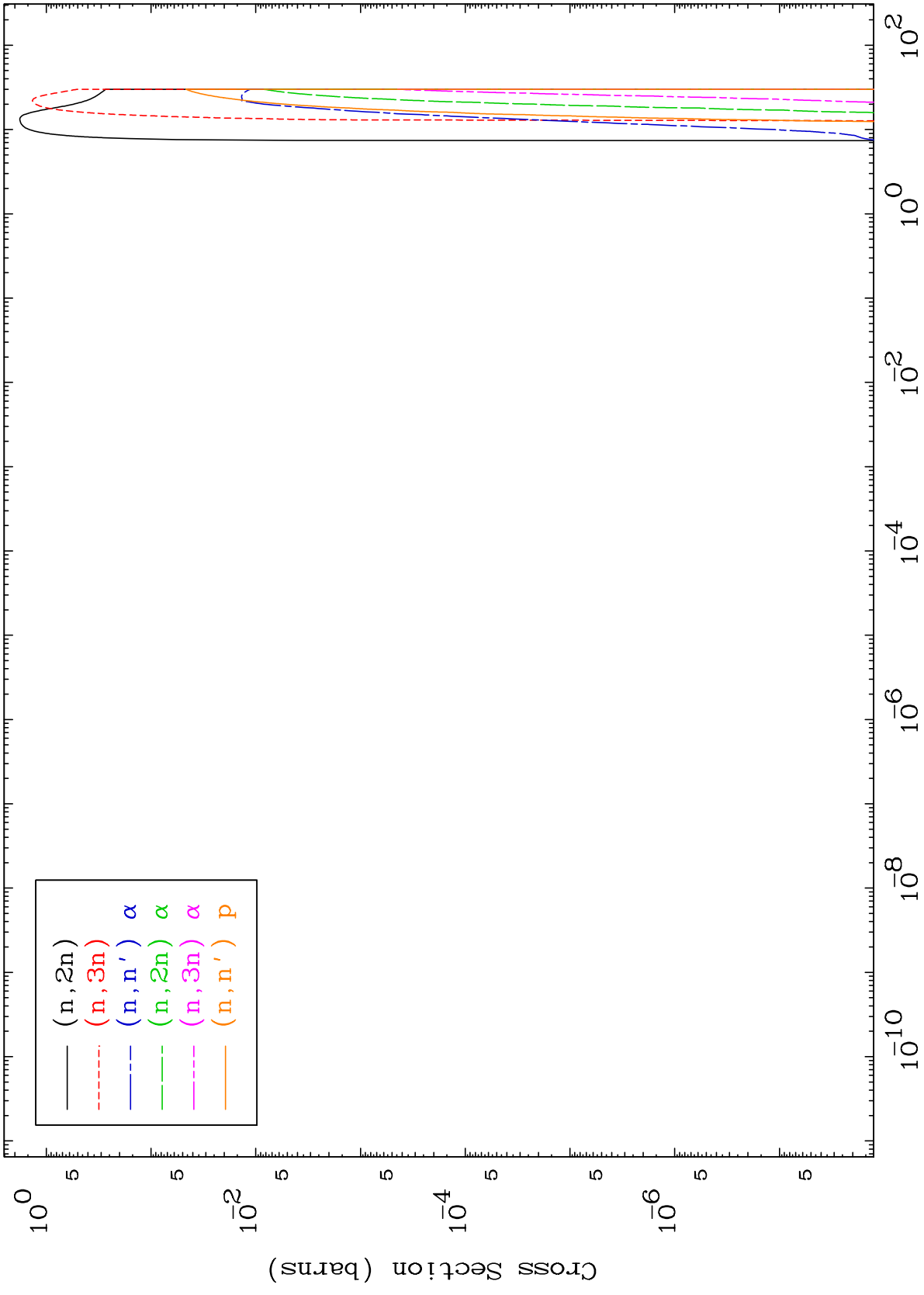
60-Nd-148



MAT 6043

Neutron Production
293 Kelvin Cross Sections

60-Nd-148

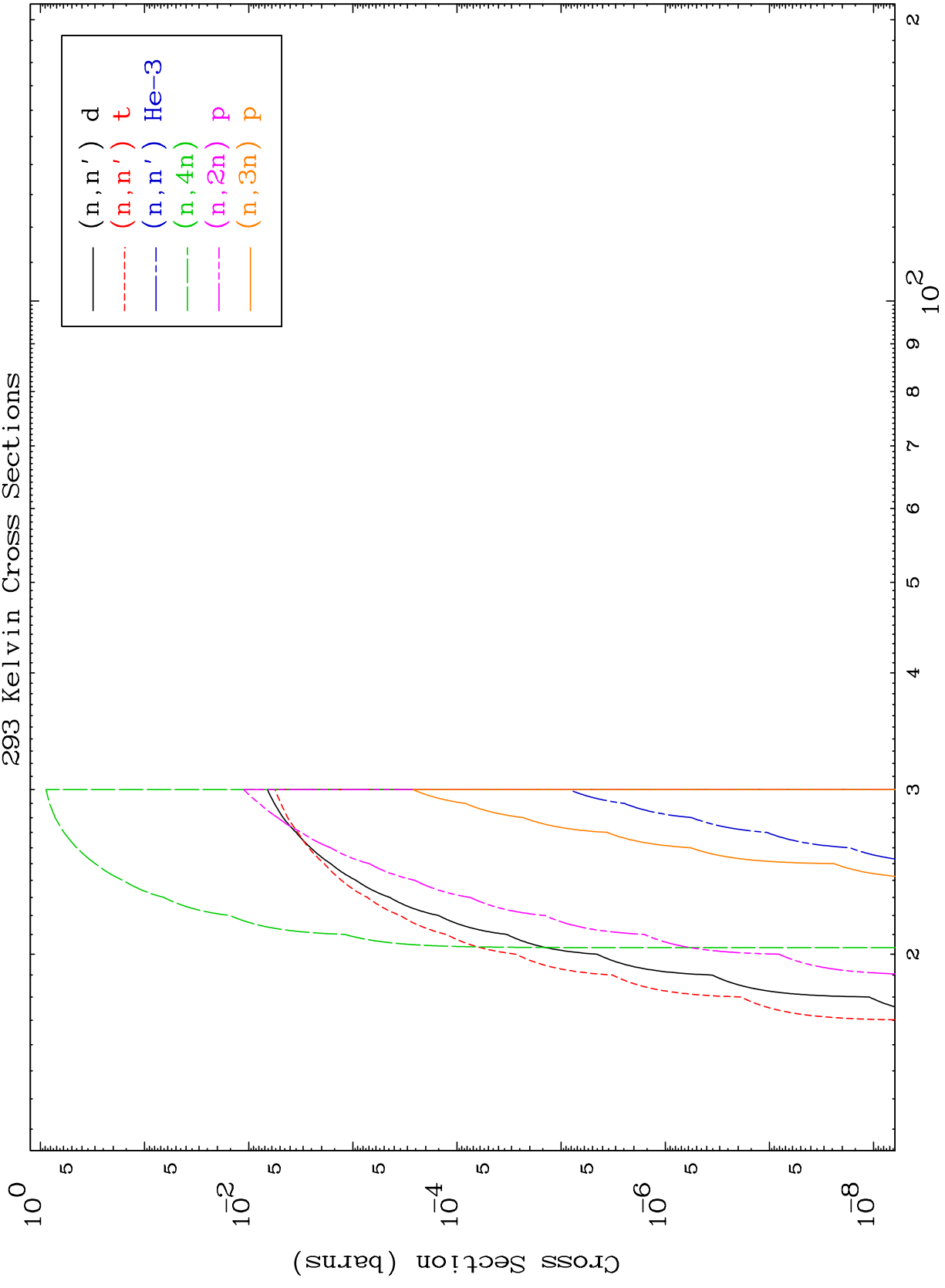


60-Nd-148

MAT 6043

Neutron Production
293 Kelvin Cross Sections

60-Nd-148



3

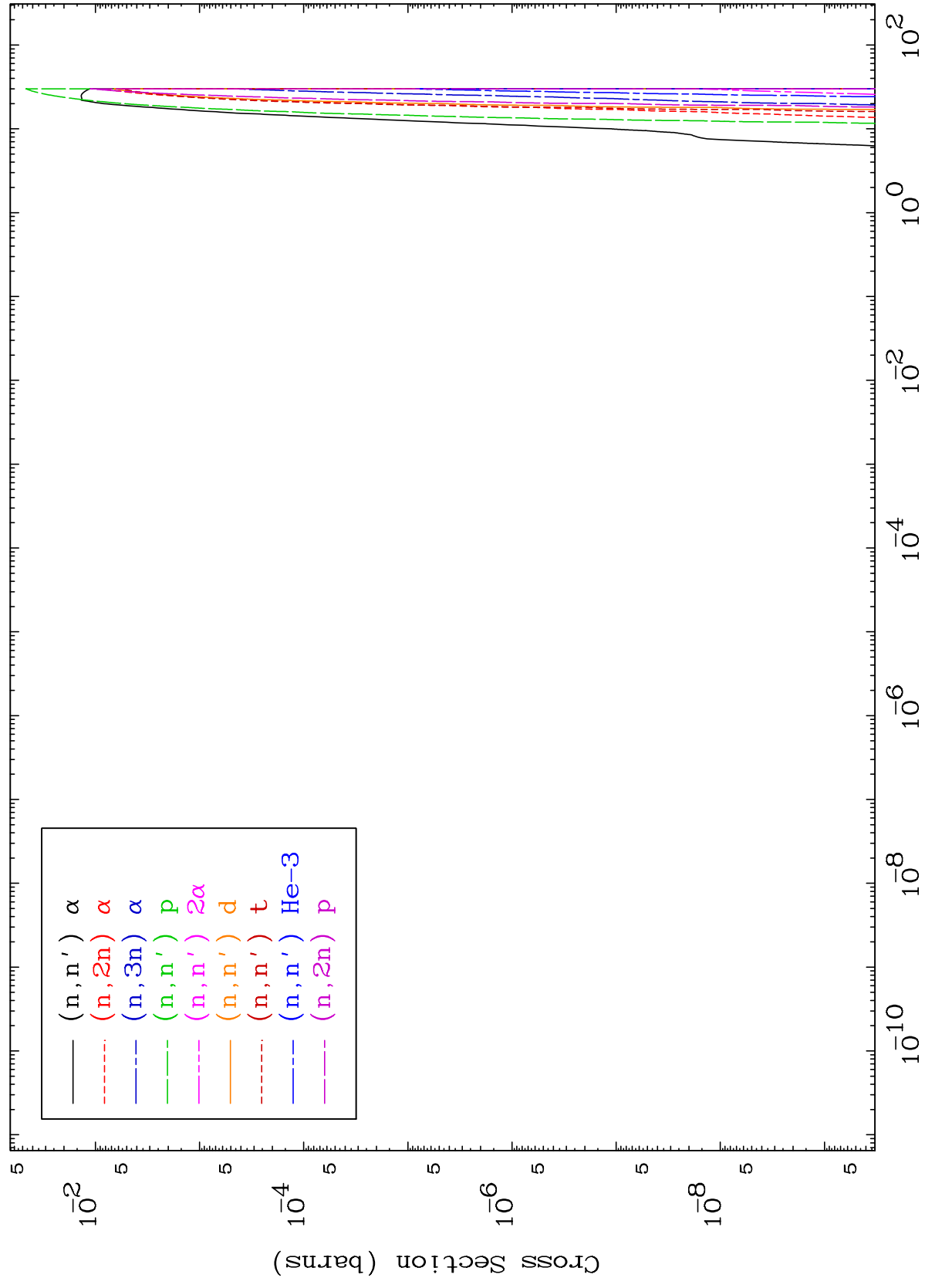
Incident Energy (MeV)

60-Nd-148

MAT 6043

293 Charged Particle
Kelvin Cross Sections

60-Nd-148

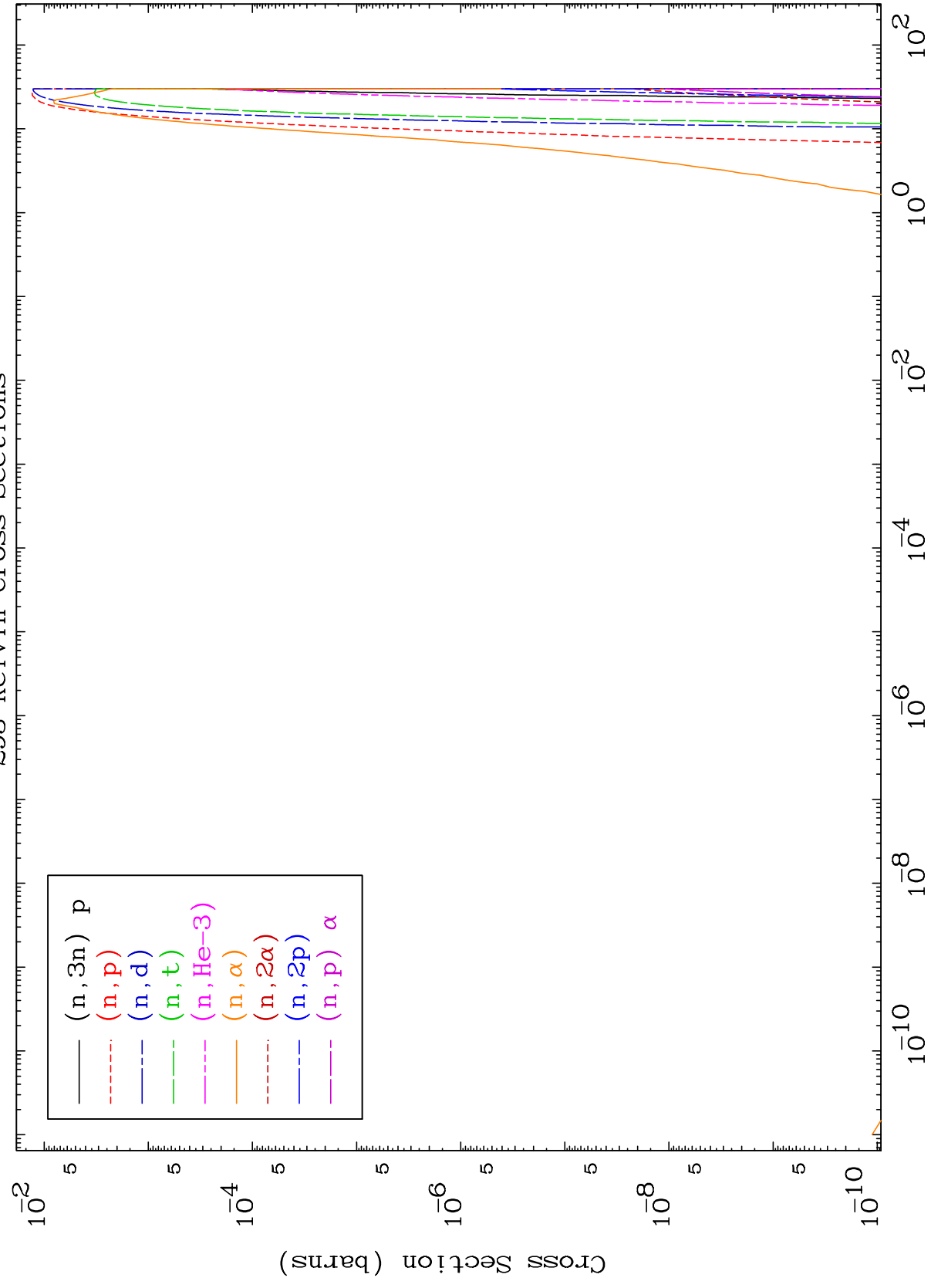


60-Nd-148

MAT 6043

293 Charged Particle
Kelvin Cross Sections

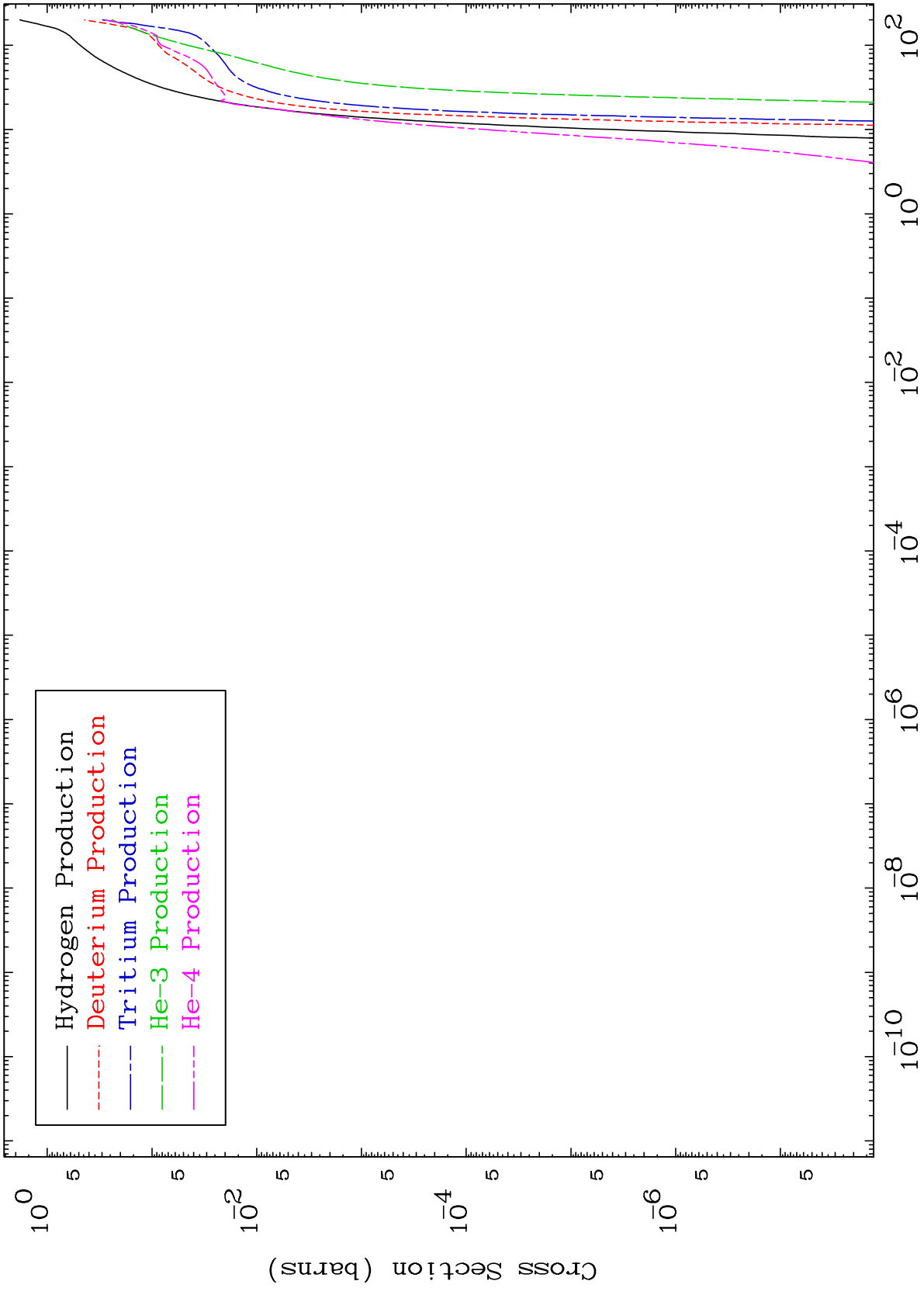
60-Nd-148



MAT 6043

Particle Production
293 Kelvin Cross Sections

60-Nd-148

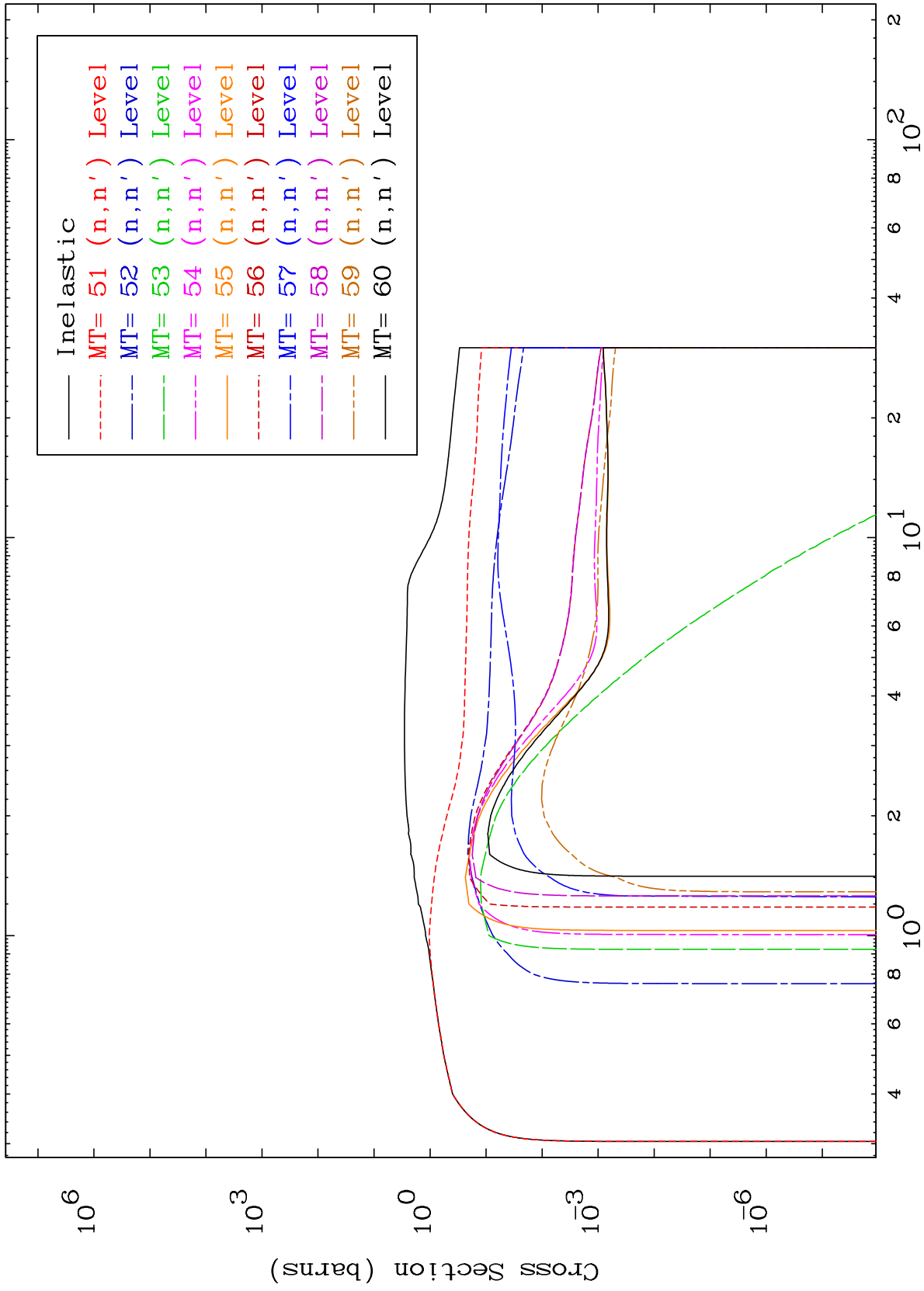


MAT 6043

(n,n') Level

60-Nd-148

293 Kelvin Cross Sections

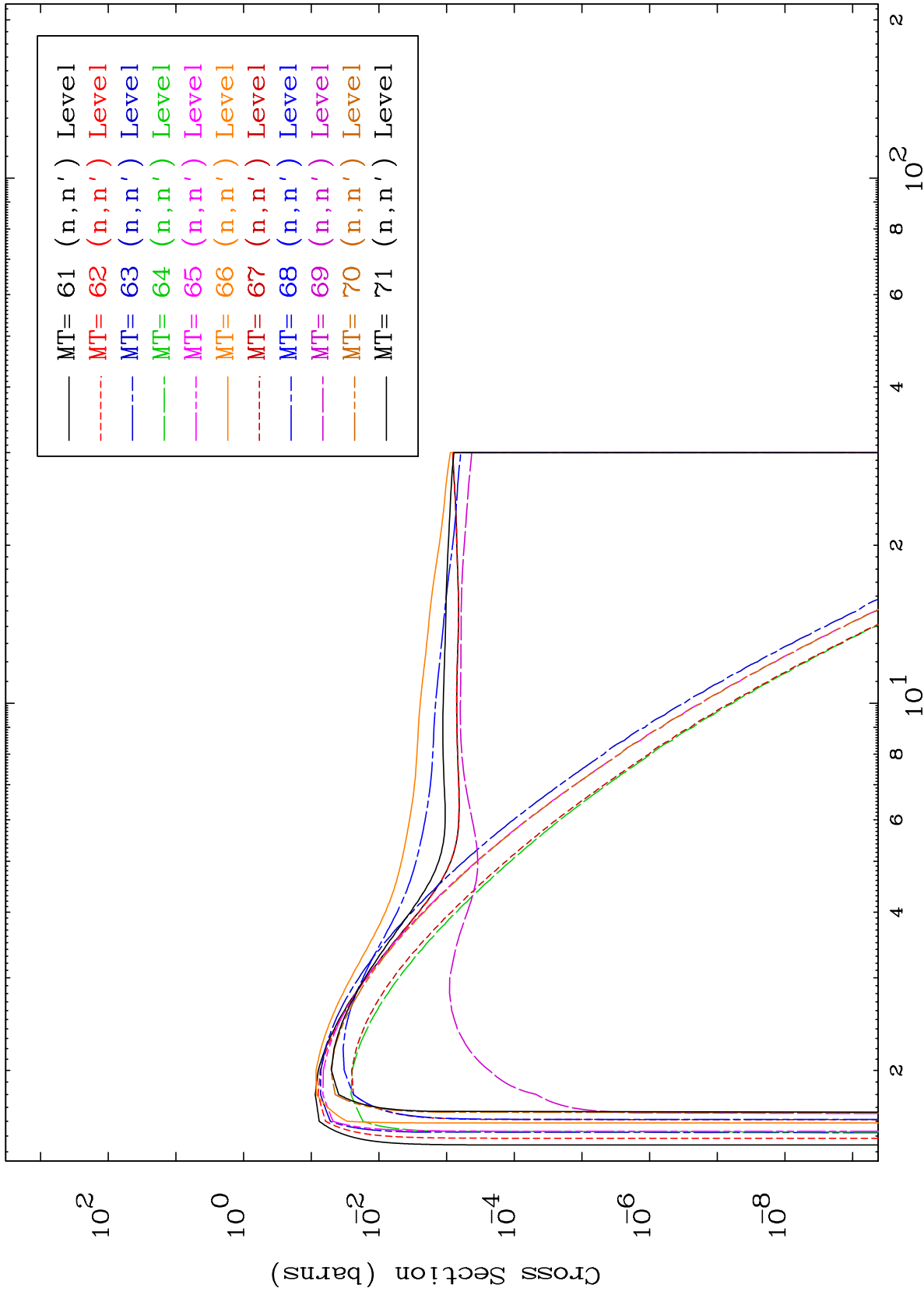


MAT 6043

(n,n') Level

60-Nd-148

293 Kelvin Cross Sections



8

Incident Energy (MeV)

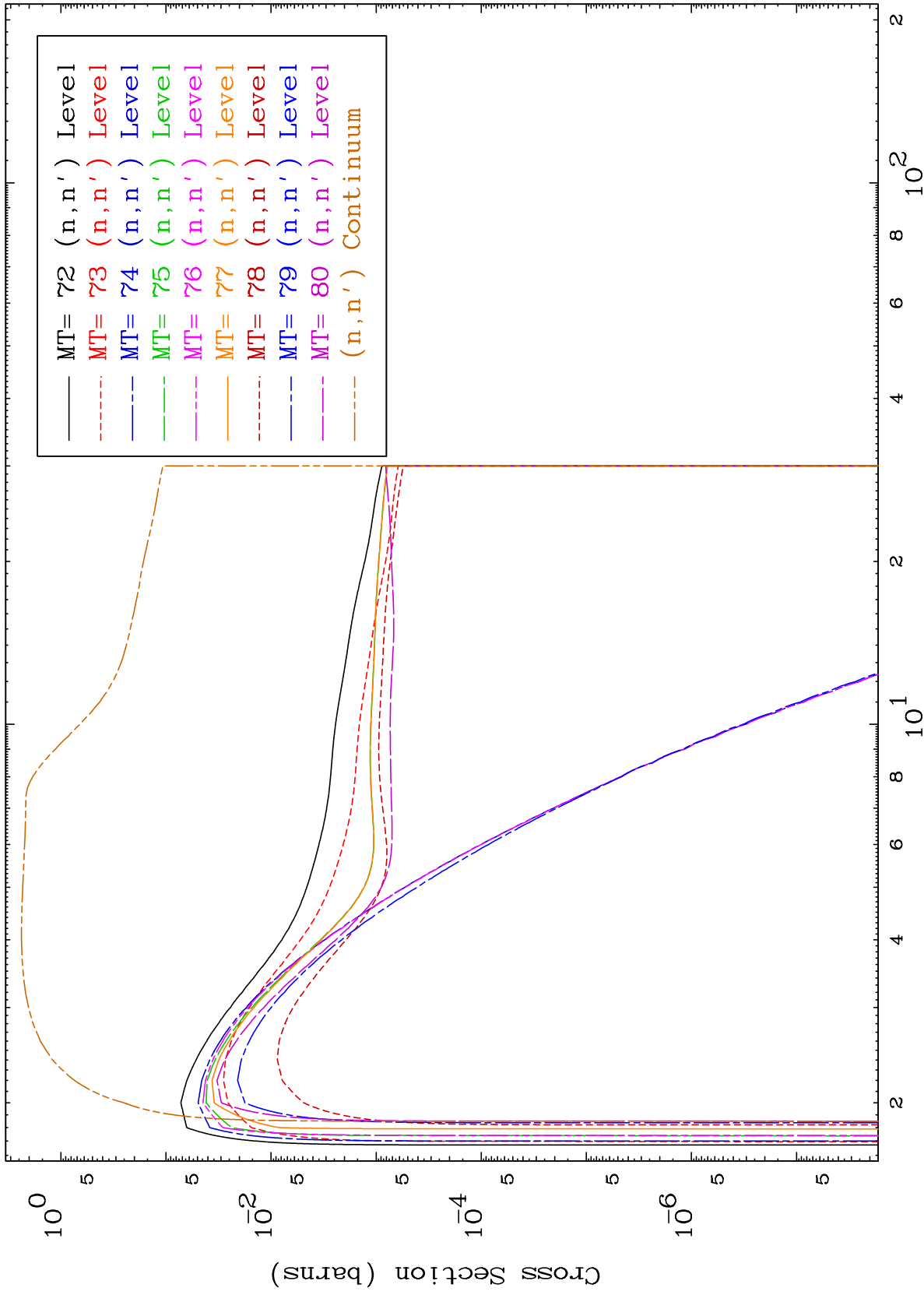
60-Nd-148

MAT 6043

(n,n') Level

60-Nd-148

293 Kelvin Cross Sections



9

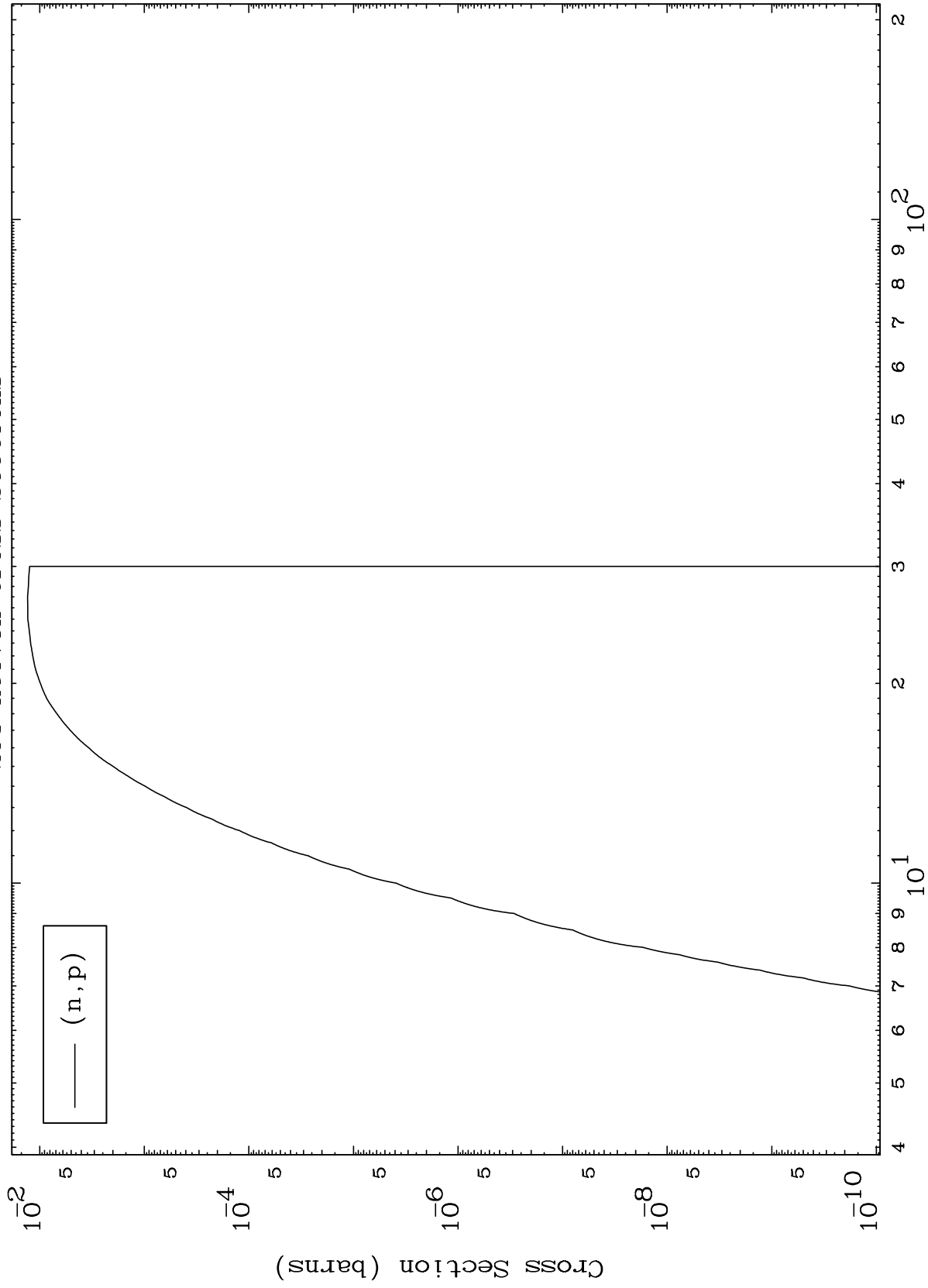
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-148



10

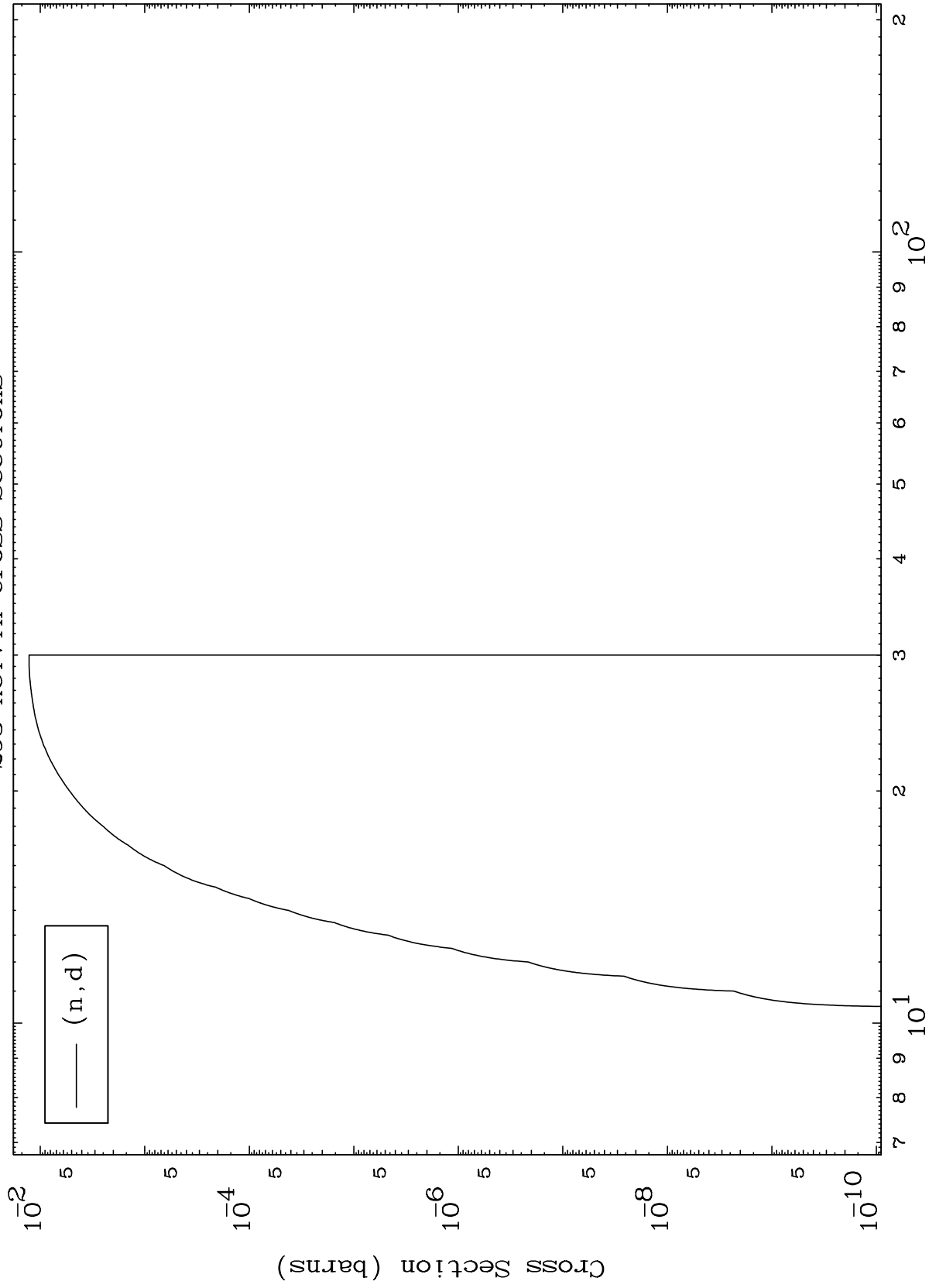
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-148



11

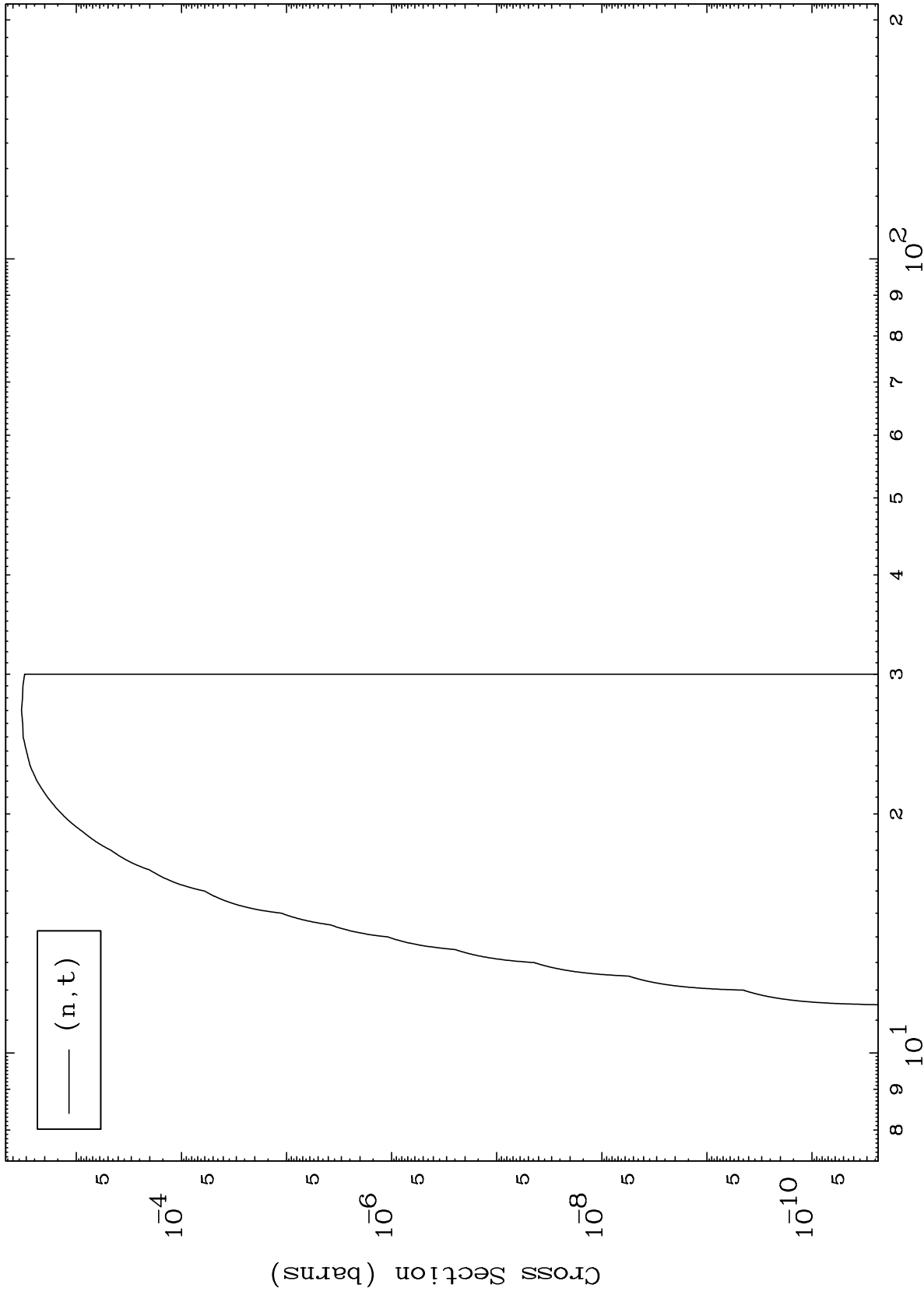
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-148



12

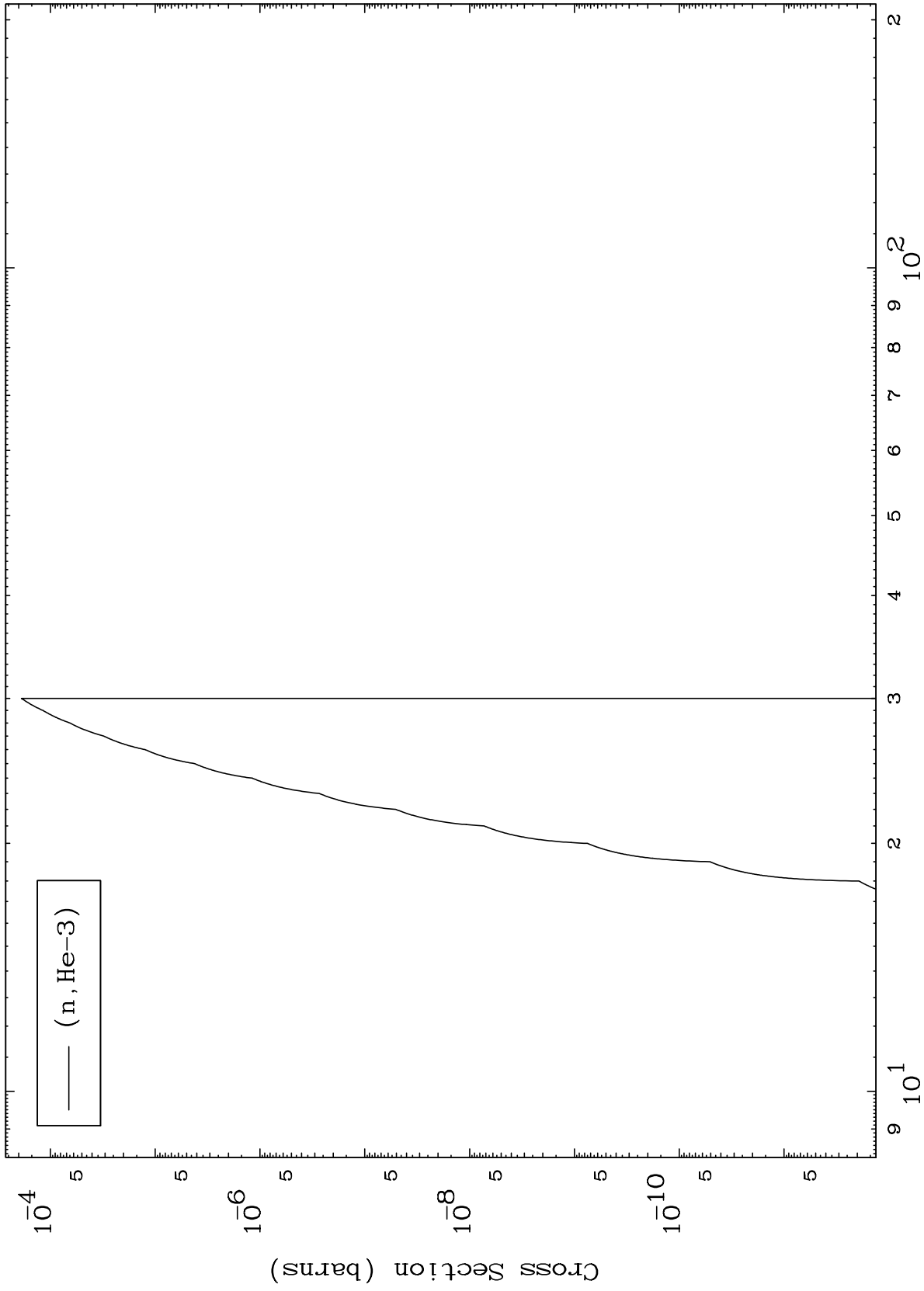
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,He3) Levels
293 Kelvin Cross Sections

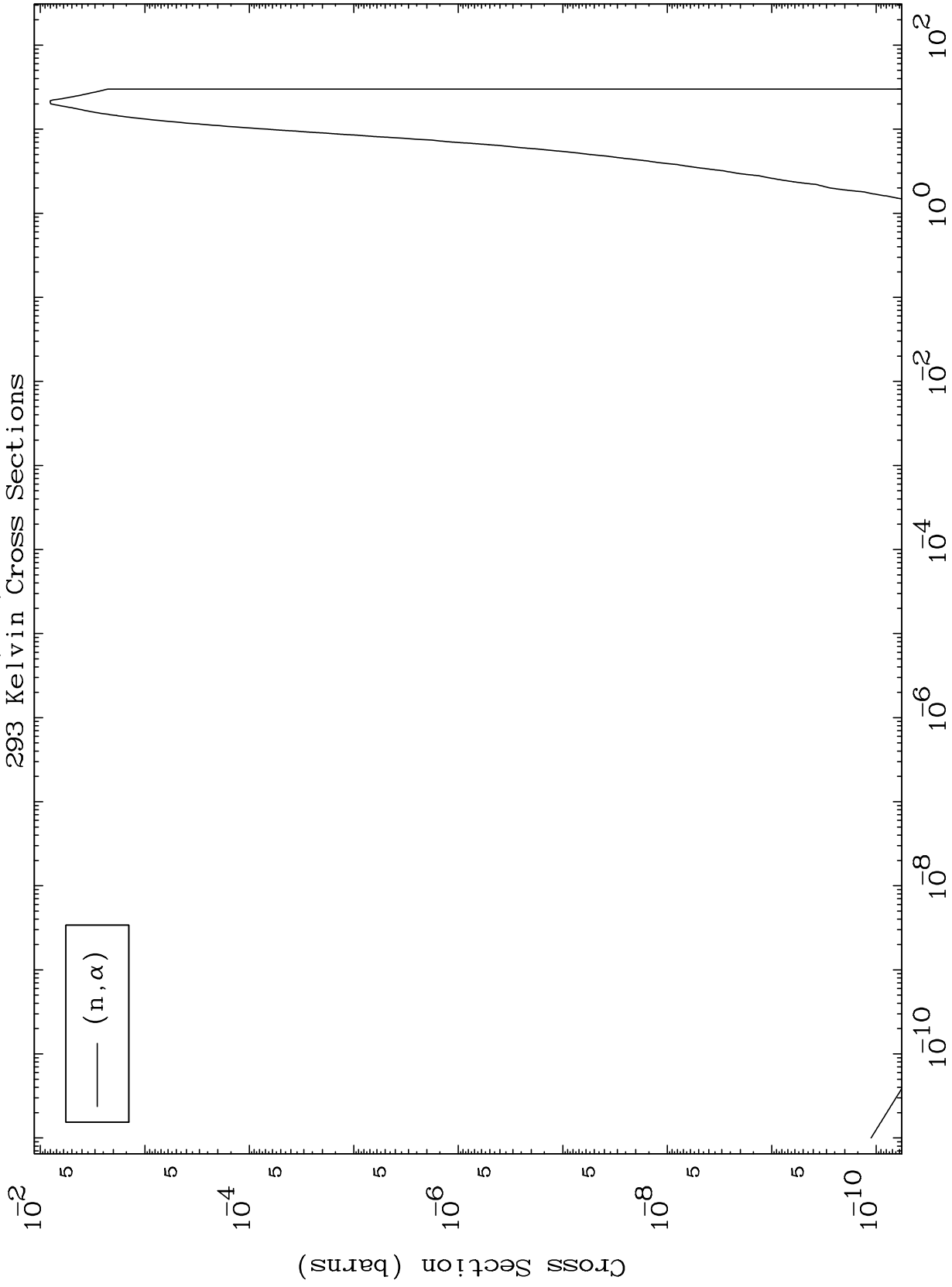
60-Nd-148



MAT 6043

(n,α) Levels
293 Kelvin Cross Sections

60-Nd-148



14

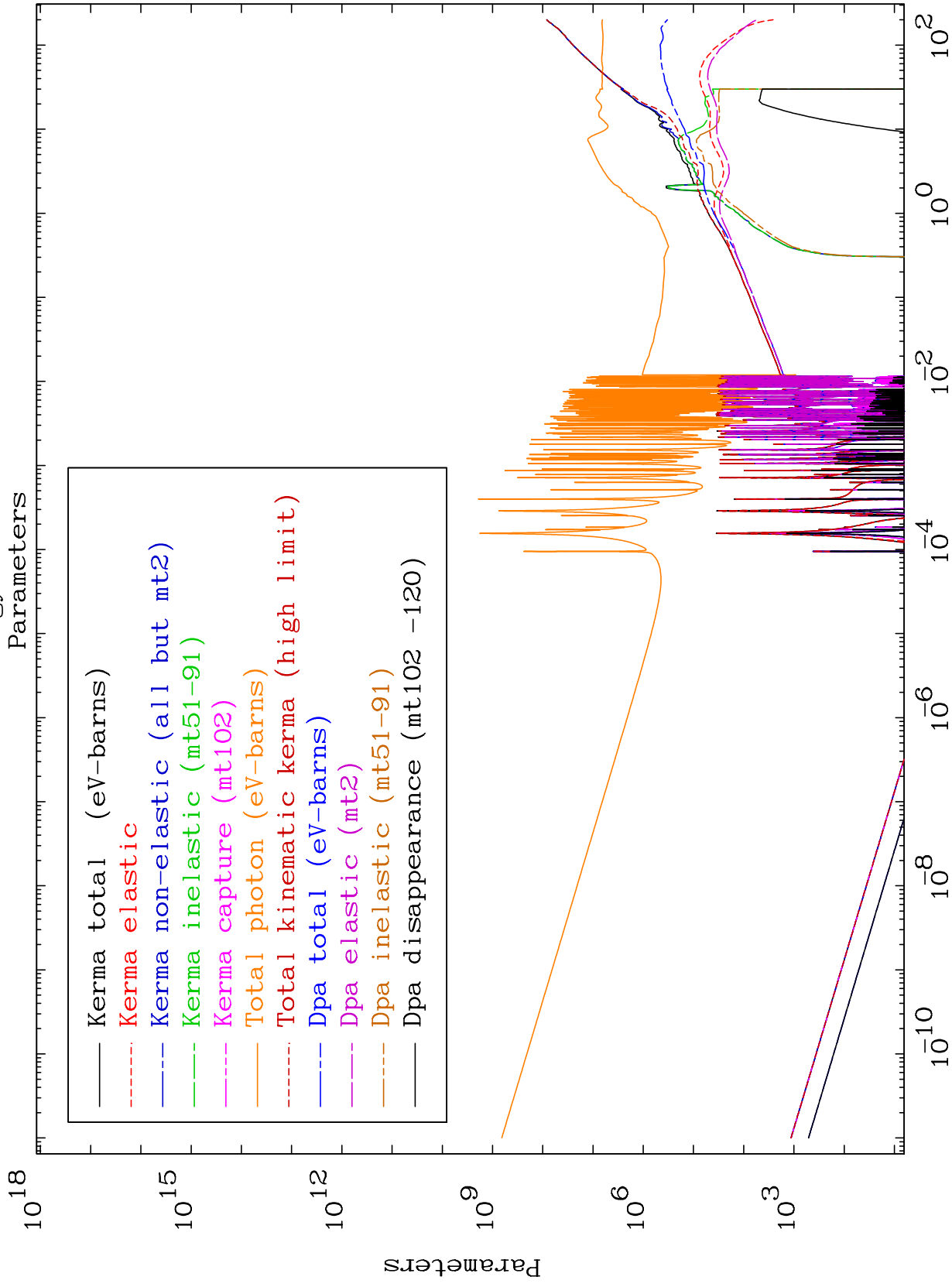
Incident Energy (MeV)

60-Nd-148

MAT 6043

Energy Release
Parameters

60-Nd-148



15

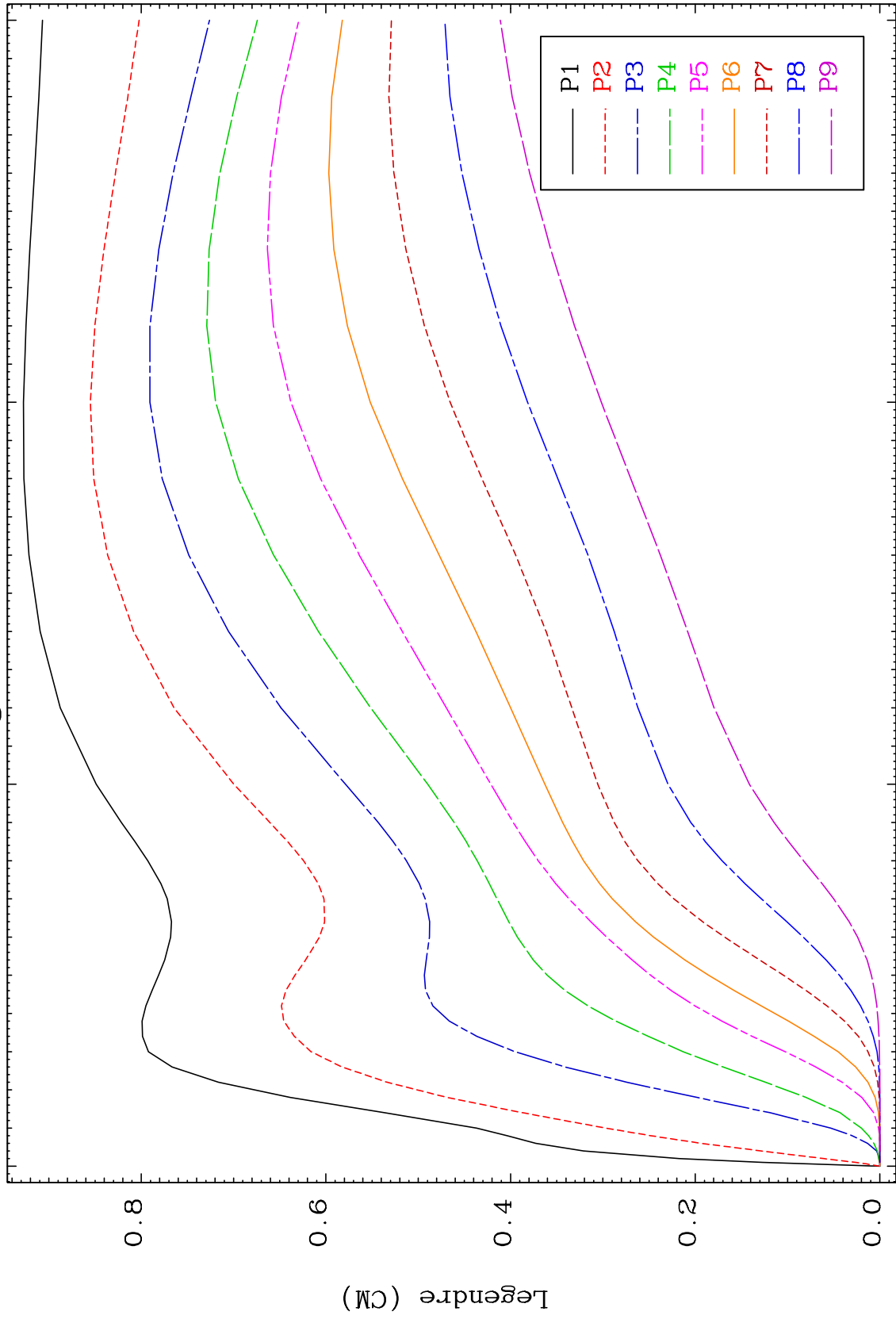
Incident Energy (MeV)

60-Nd-148

MAT 6043

Elastic Legendre Coefficients

$^{60}\text{Nd-148}$



0

16

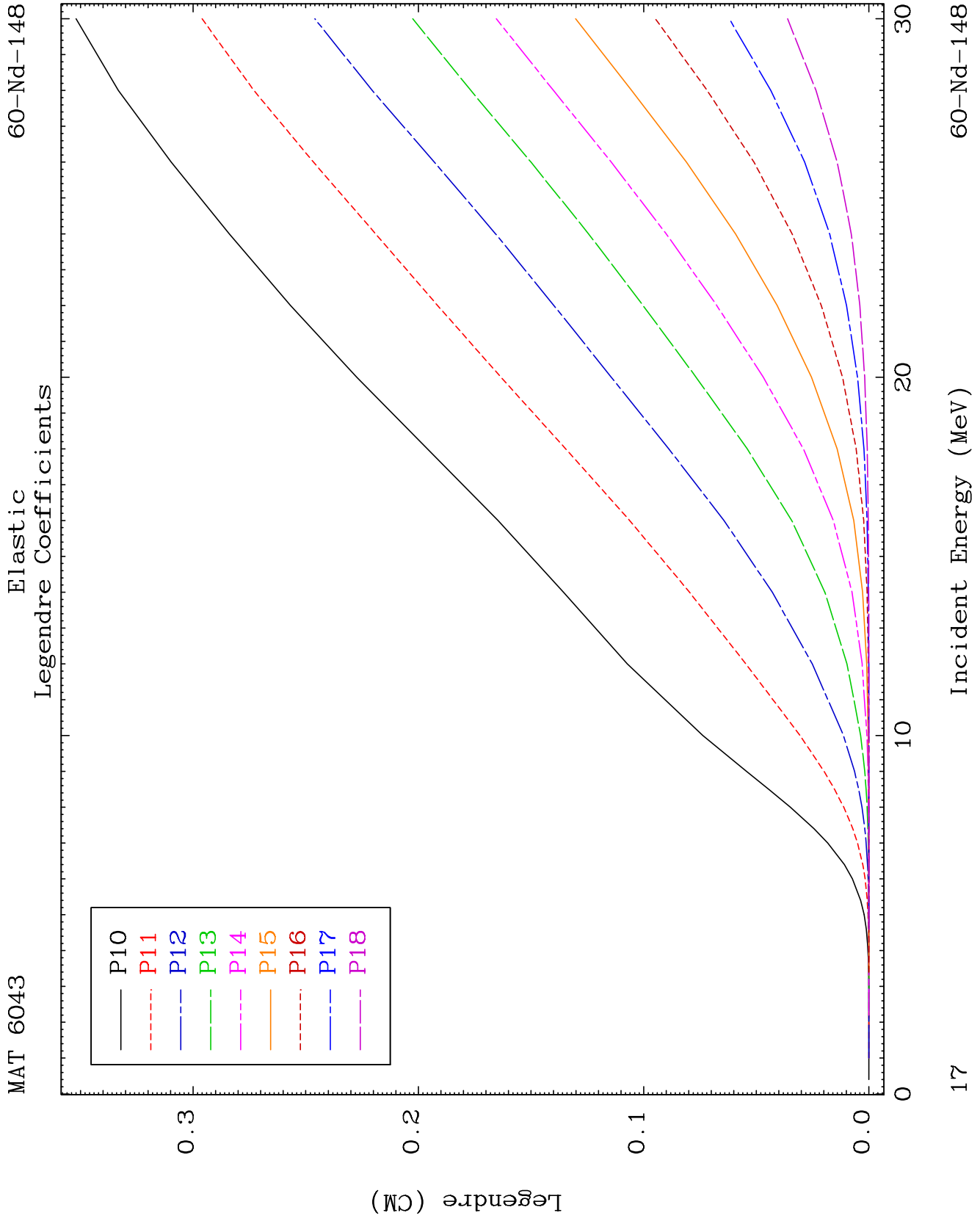
10

20

30

Incident Energy (MeV)

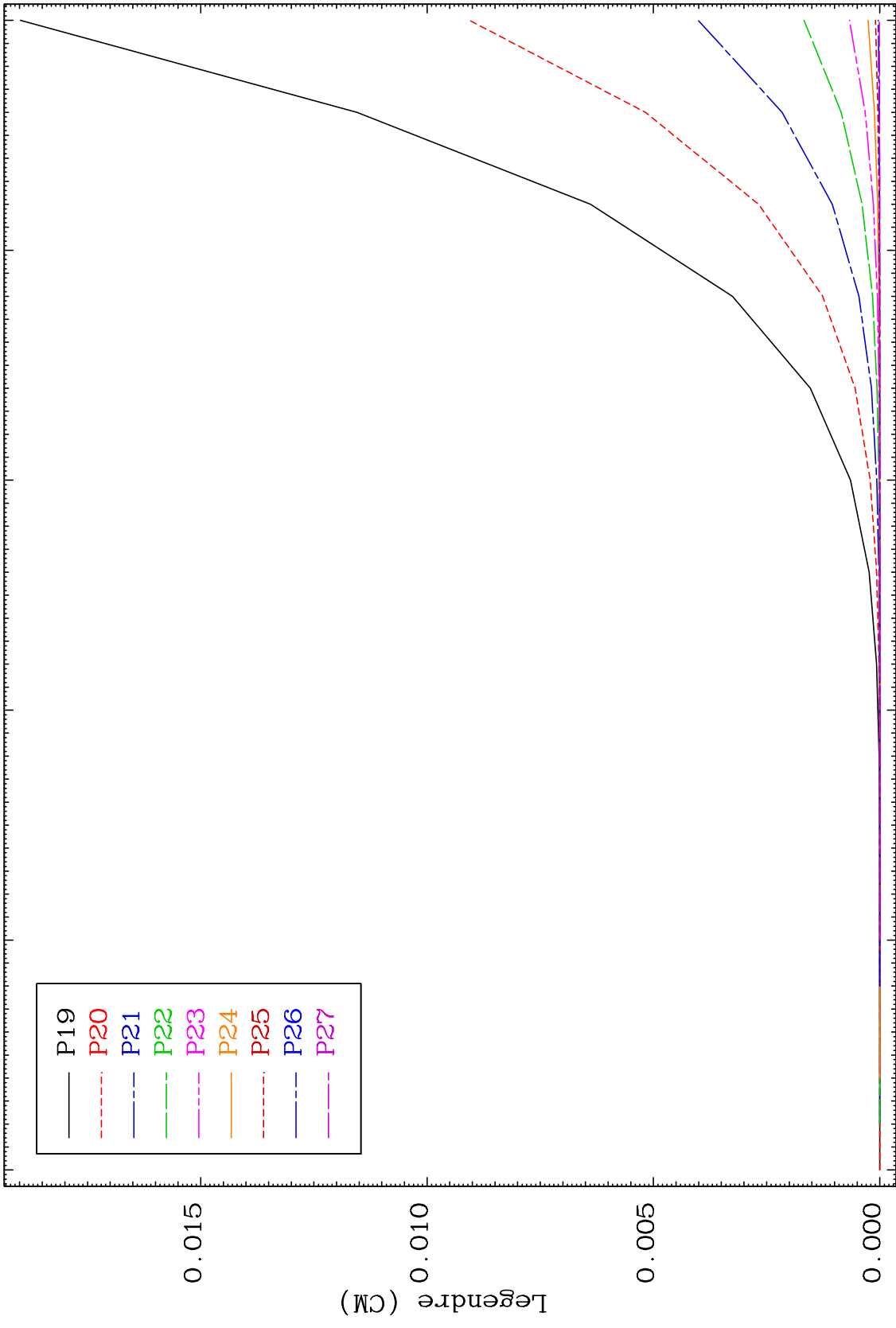
$^{60}\text{Nd-148}$



MAT 6043

Elastic Legendre Coefficients

60-Nd-148



18

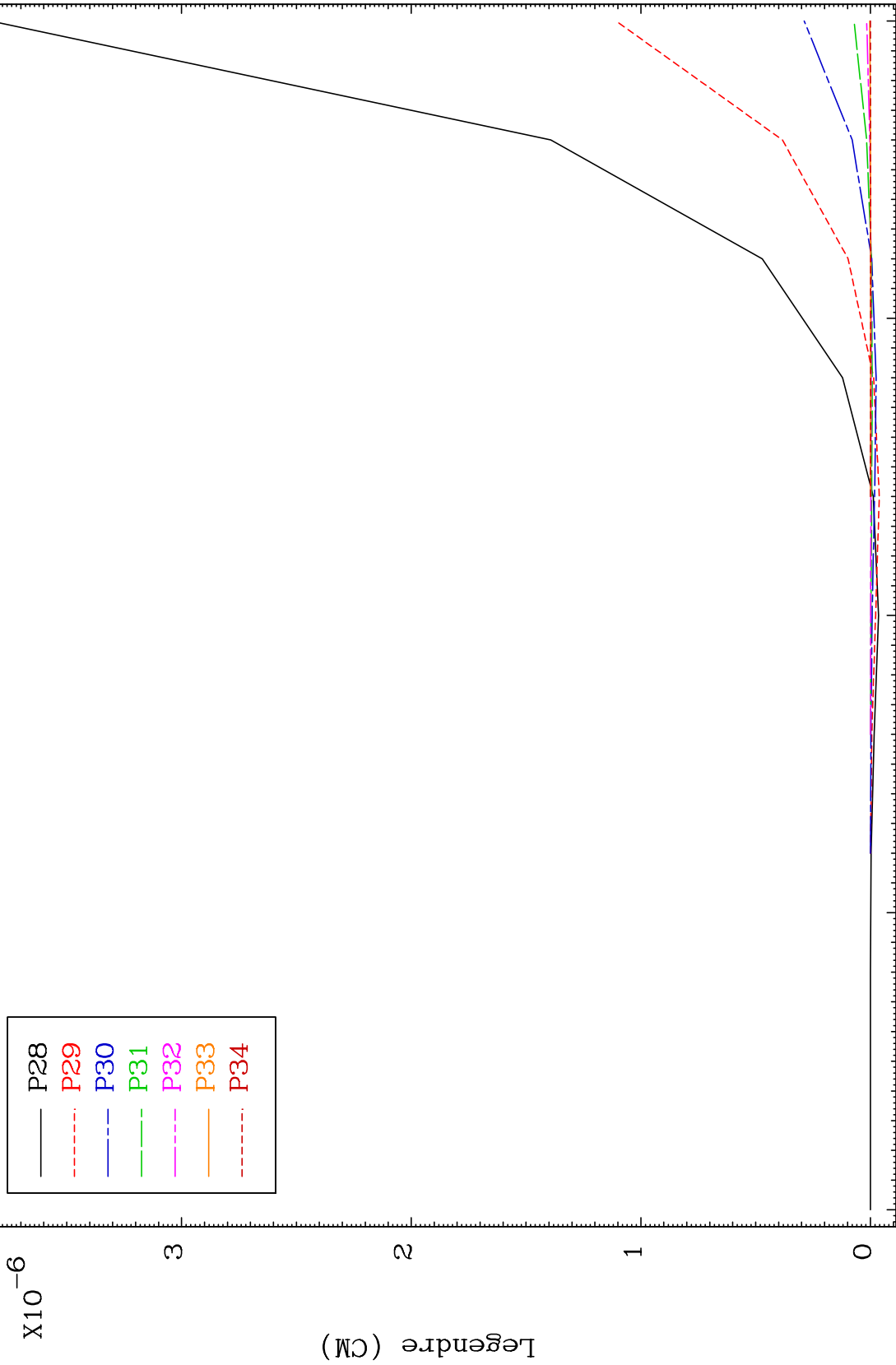
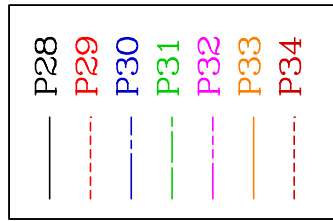
Incident Energy (MeV)

60-Nd-148

MAT 6043

Elastic Legendre Coefficients

60-Nd-148



19

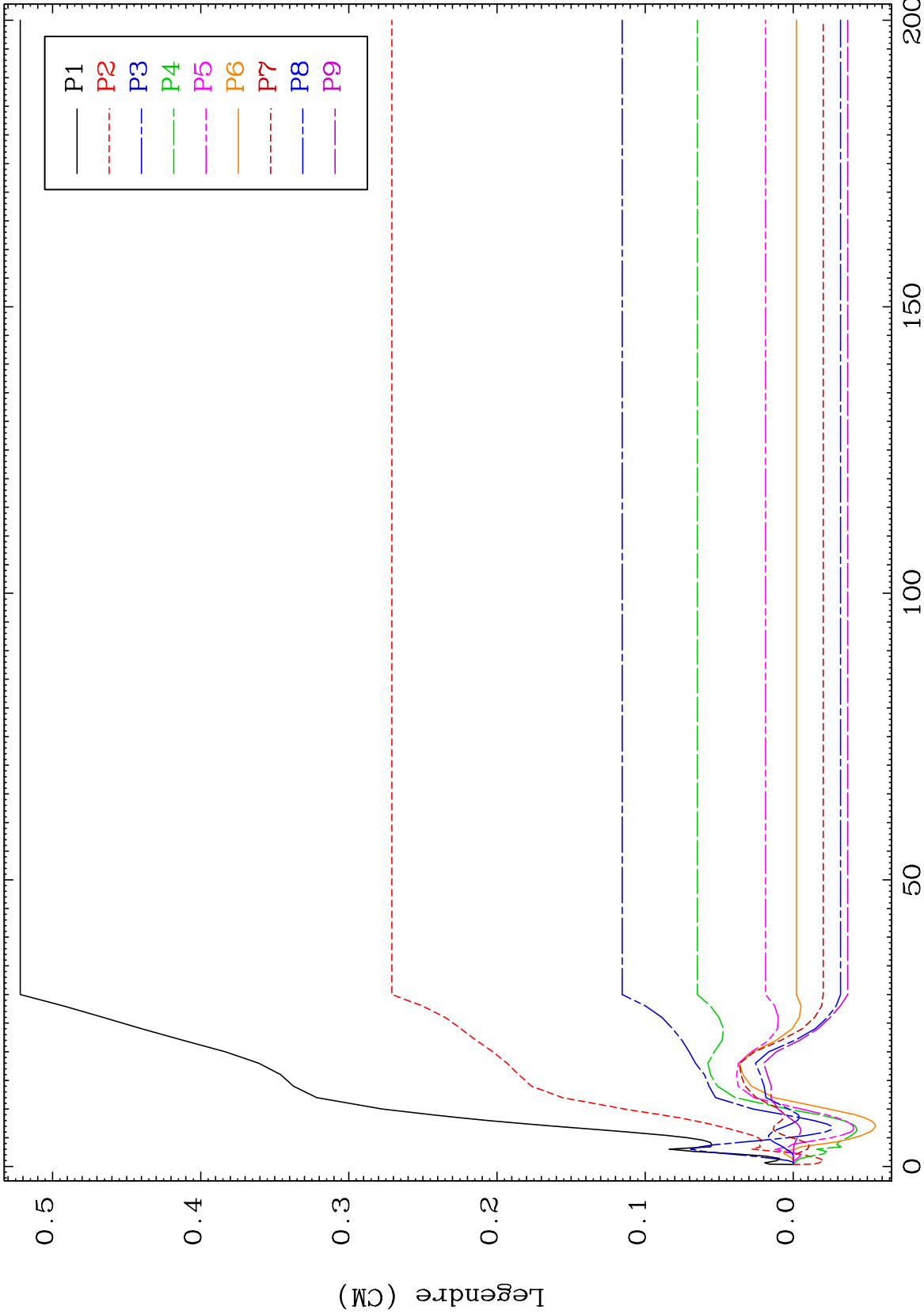
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148

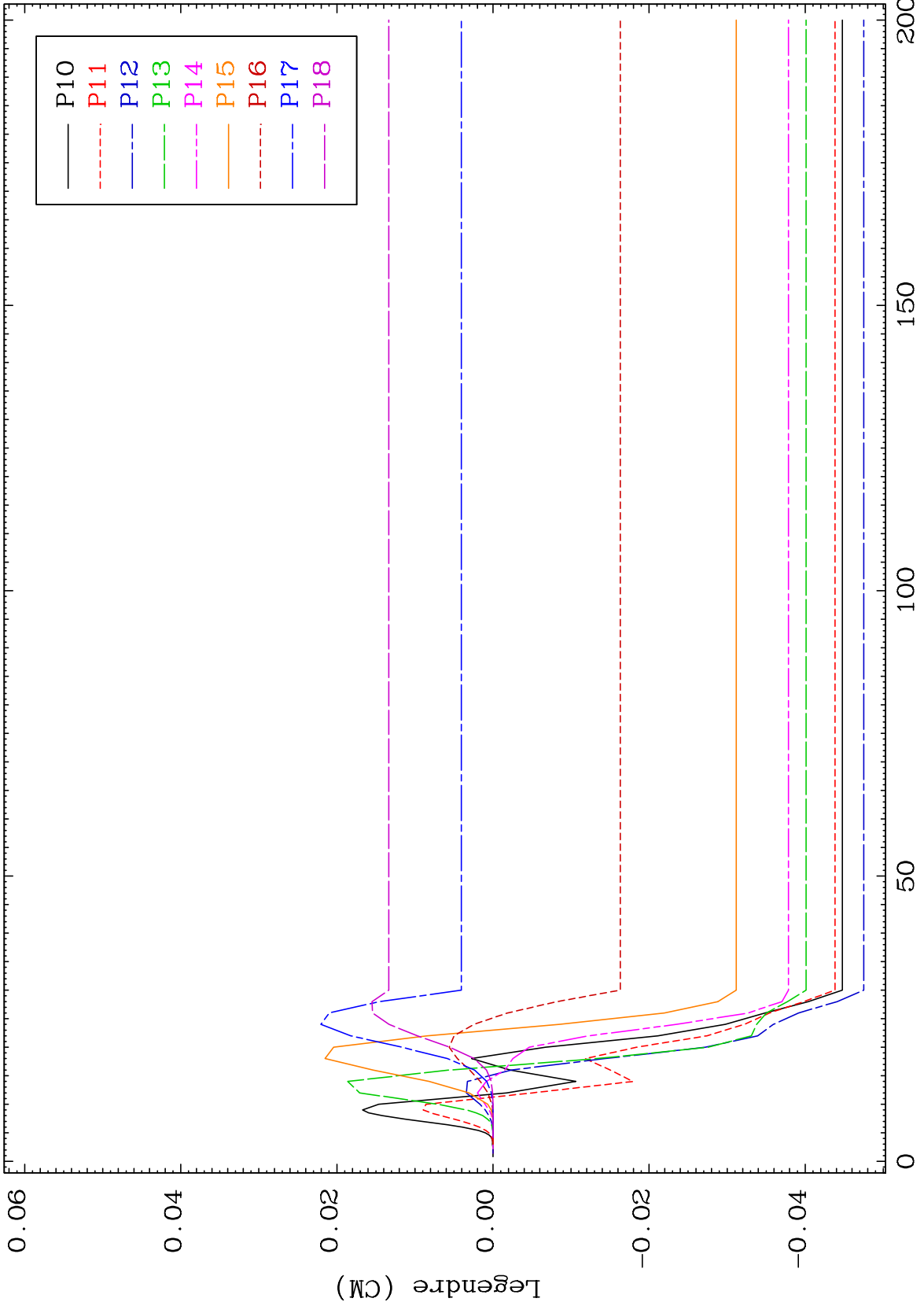


60-Nd-148

Incident Energy (MeV)

20

MAT 6043 MT= 51 (n,n') Level Legendre Coefficients 60-Nd-148

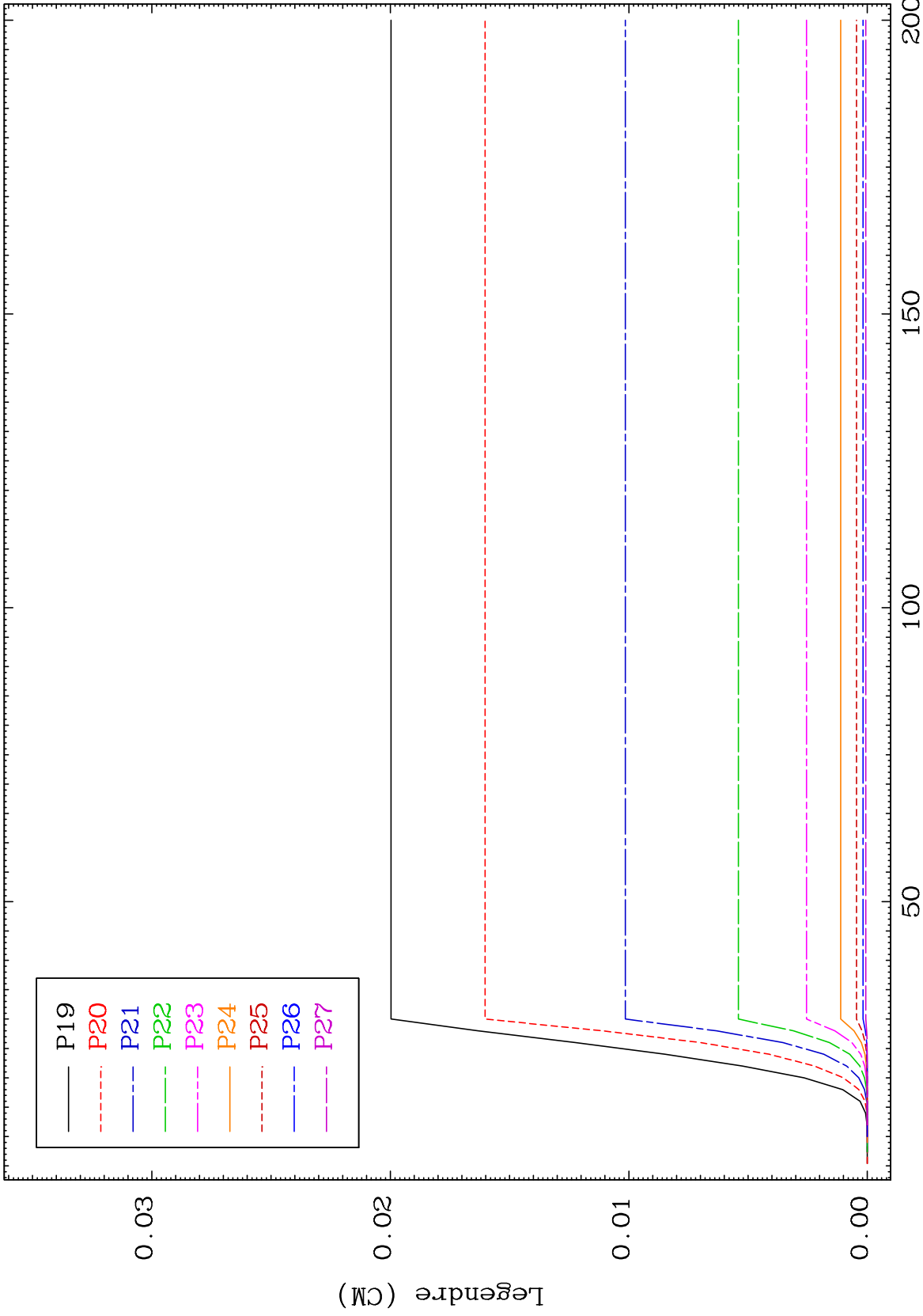


21 60-Nd-148

MAT 6043

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

60-Nd-148



22

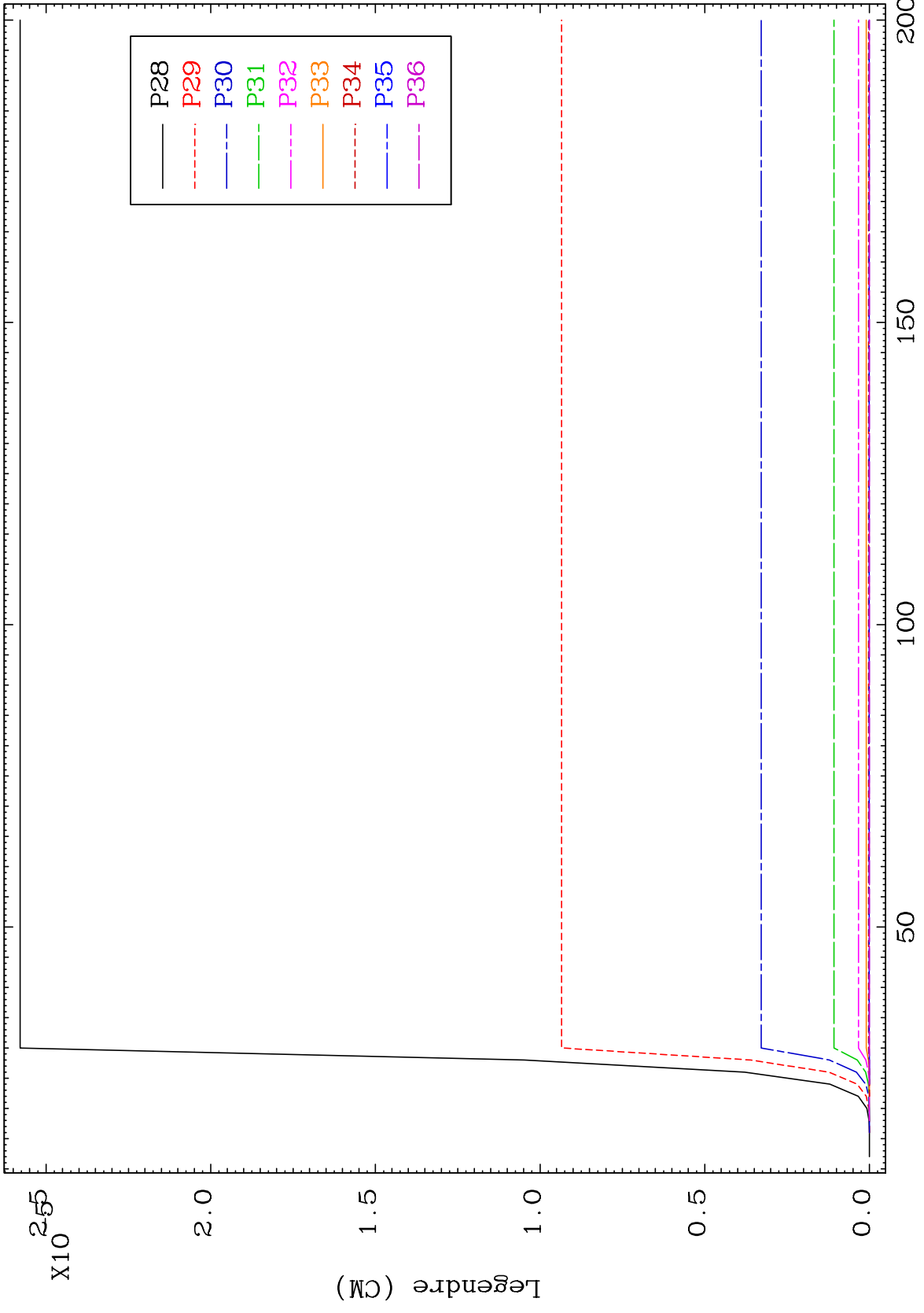
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



23

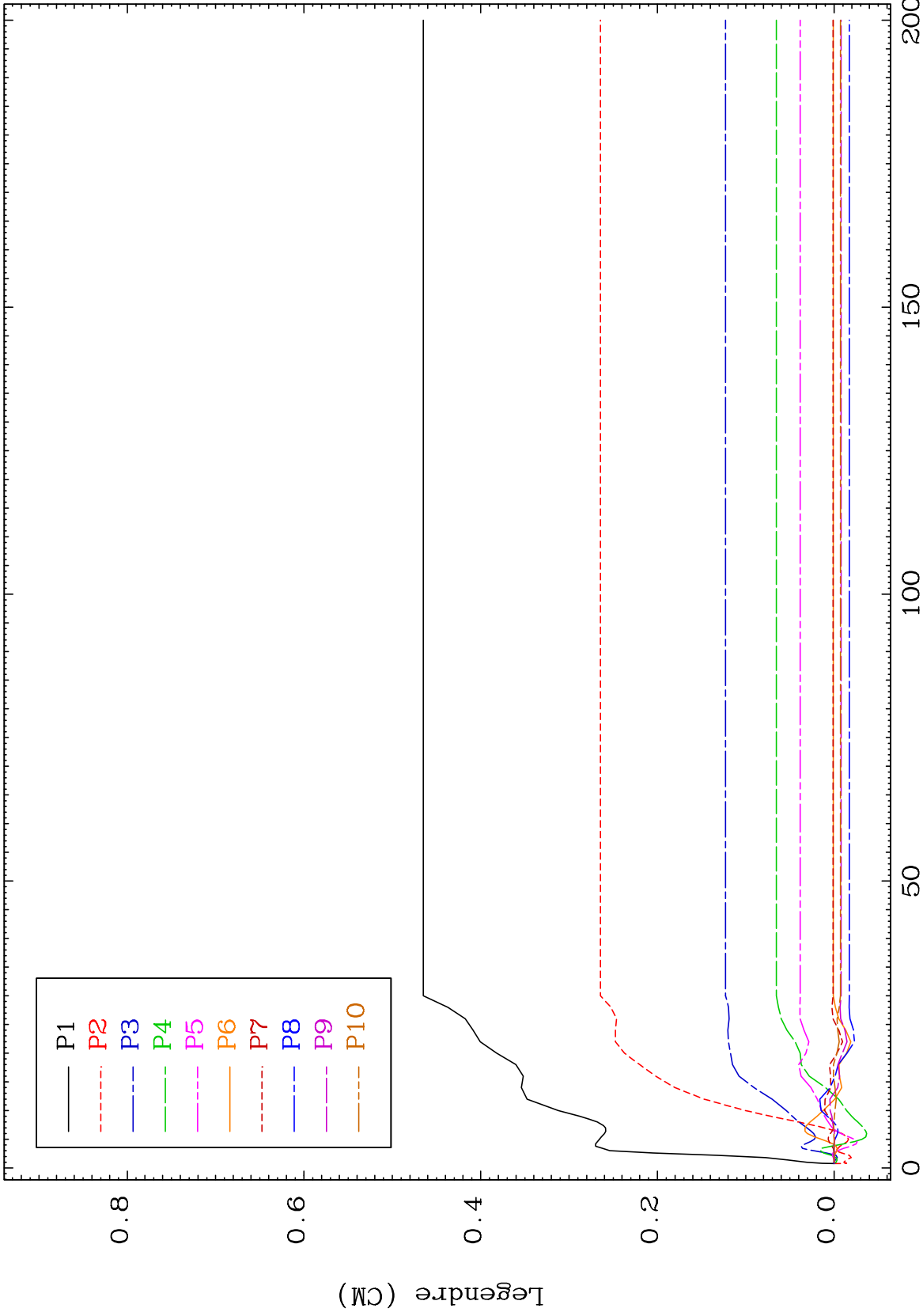
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



24

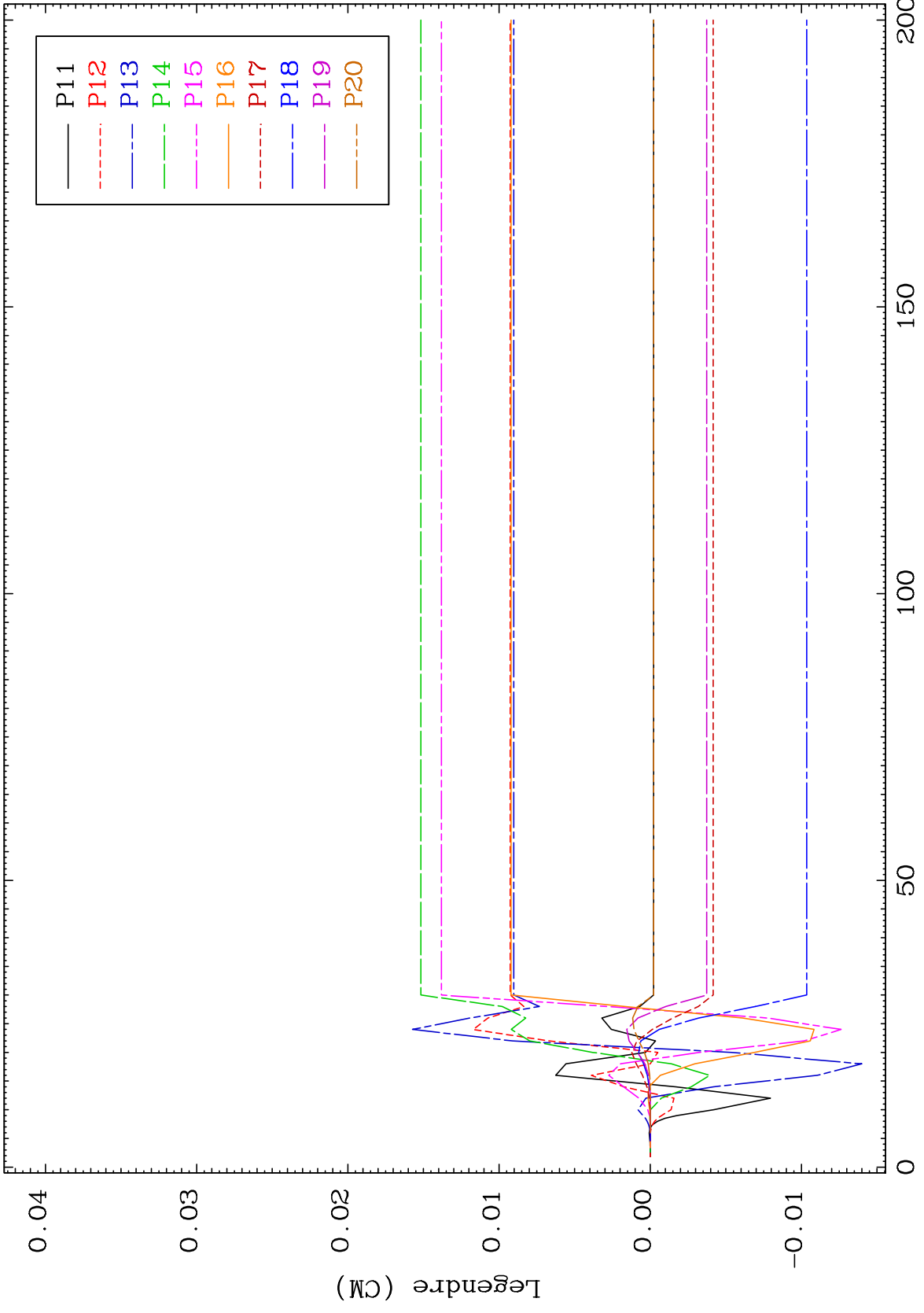
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



25

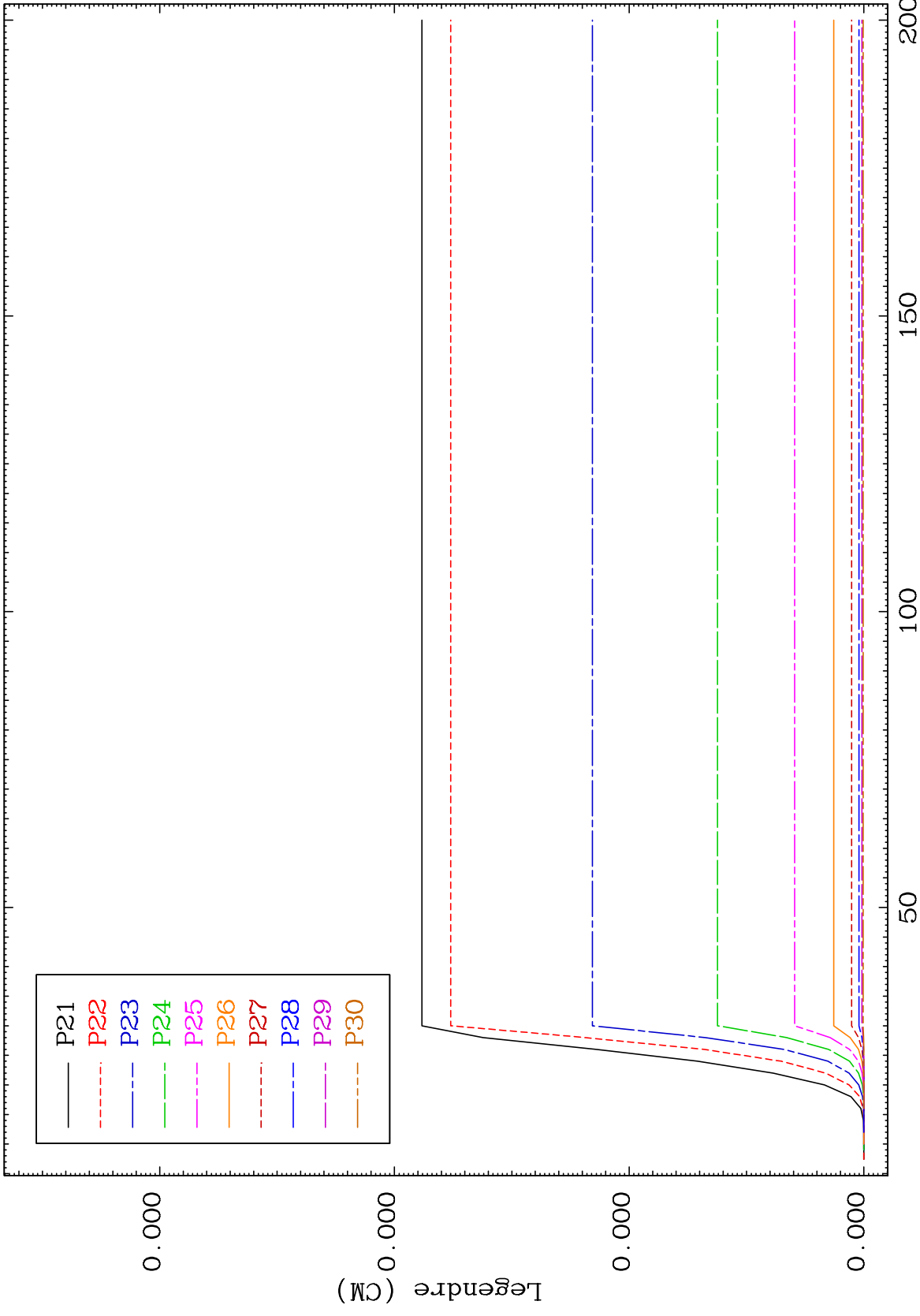
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



26

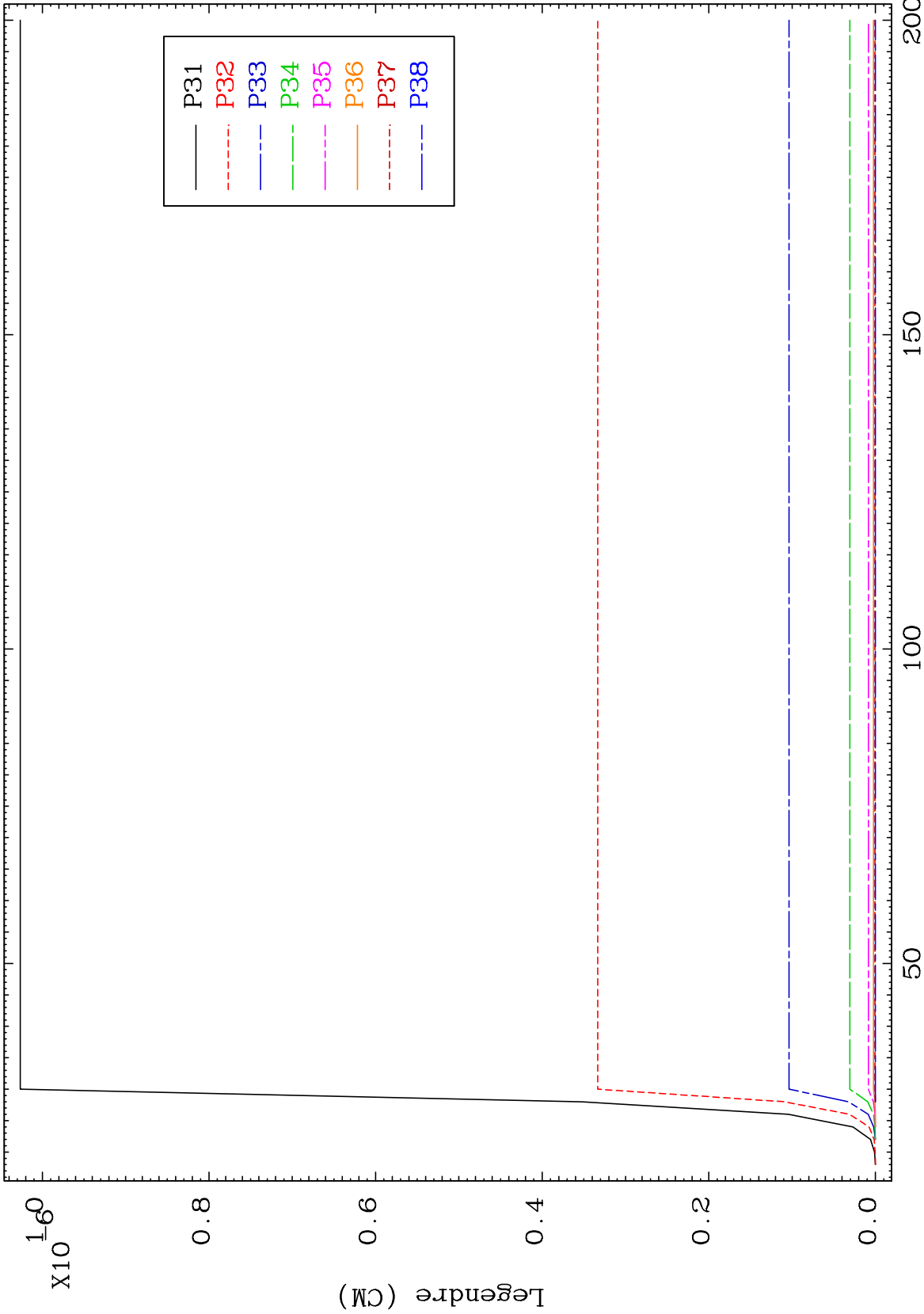
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148

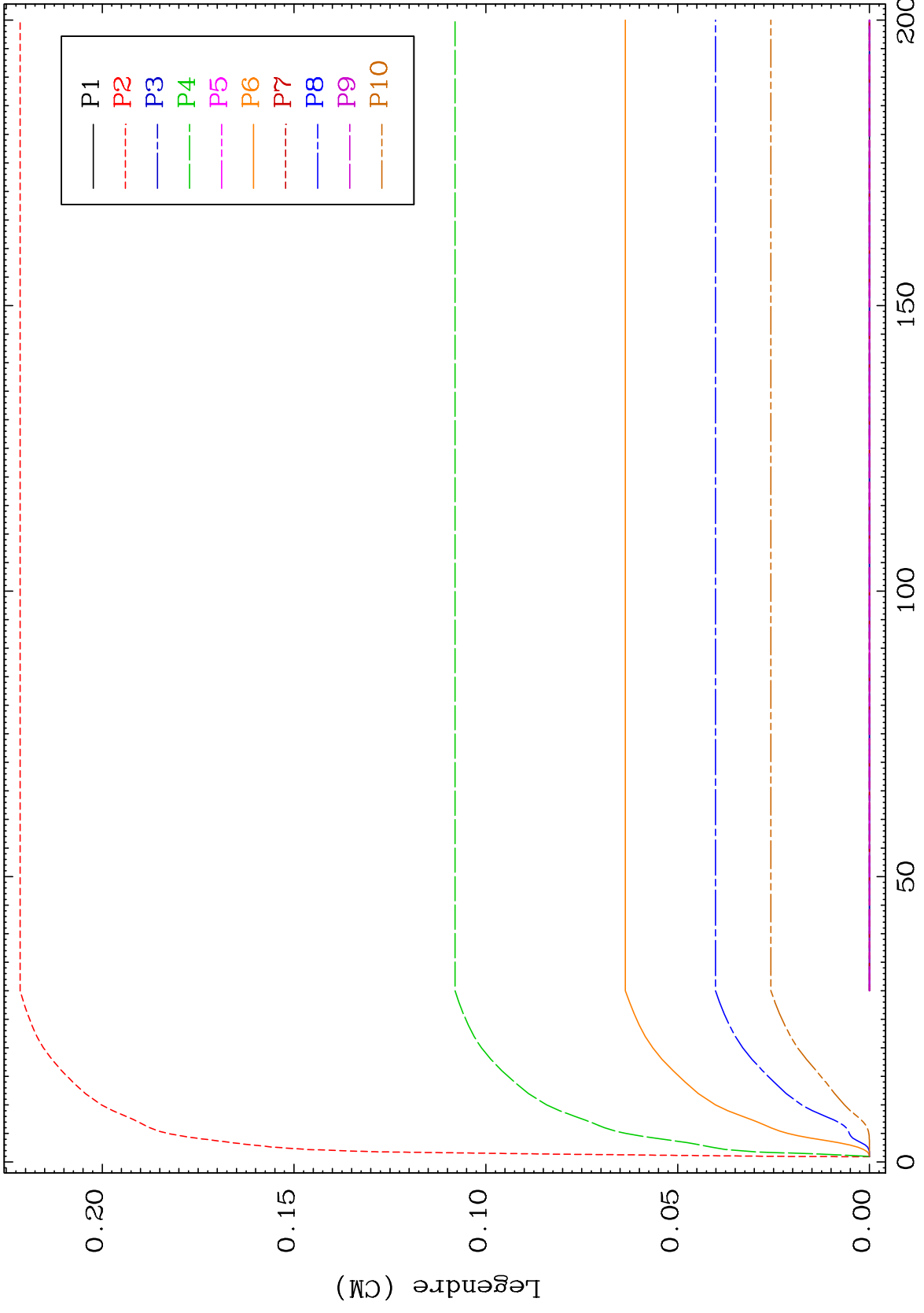


27

Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 53 (n,n') Level Legendre Coefficients 60-Nd-148

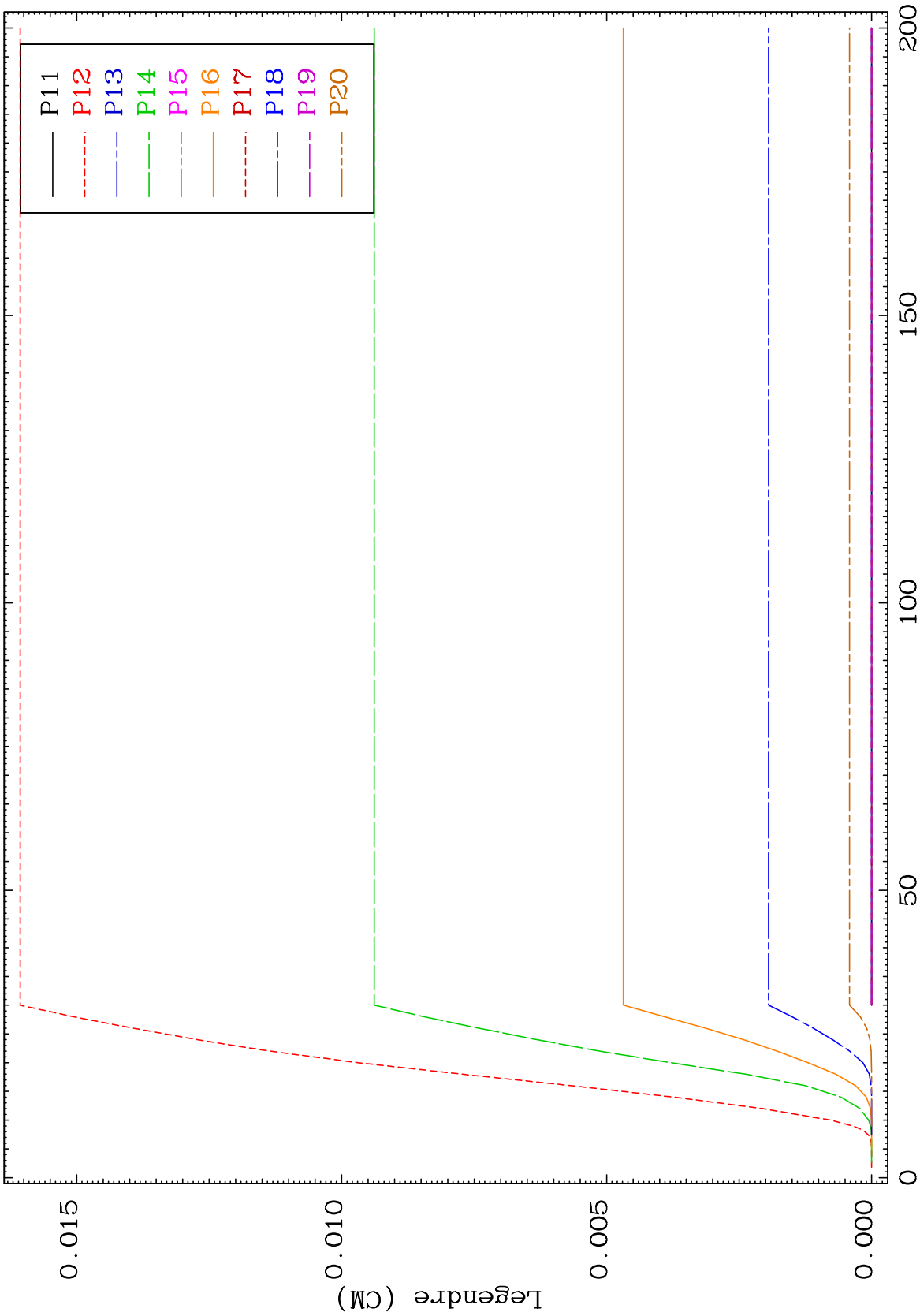


28 Incident Energy (MeV) 60-Nd-148

MAT 6043

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

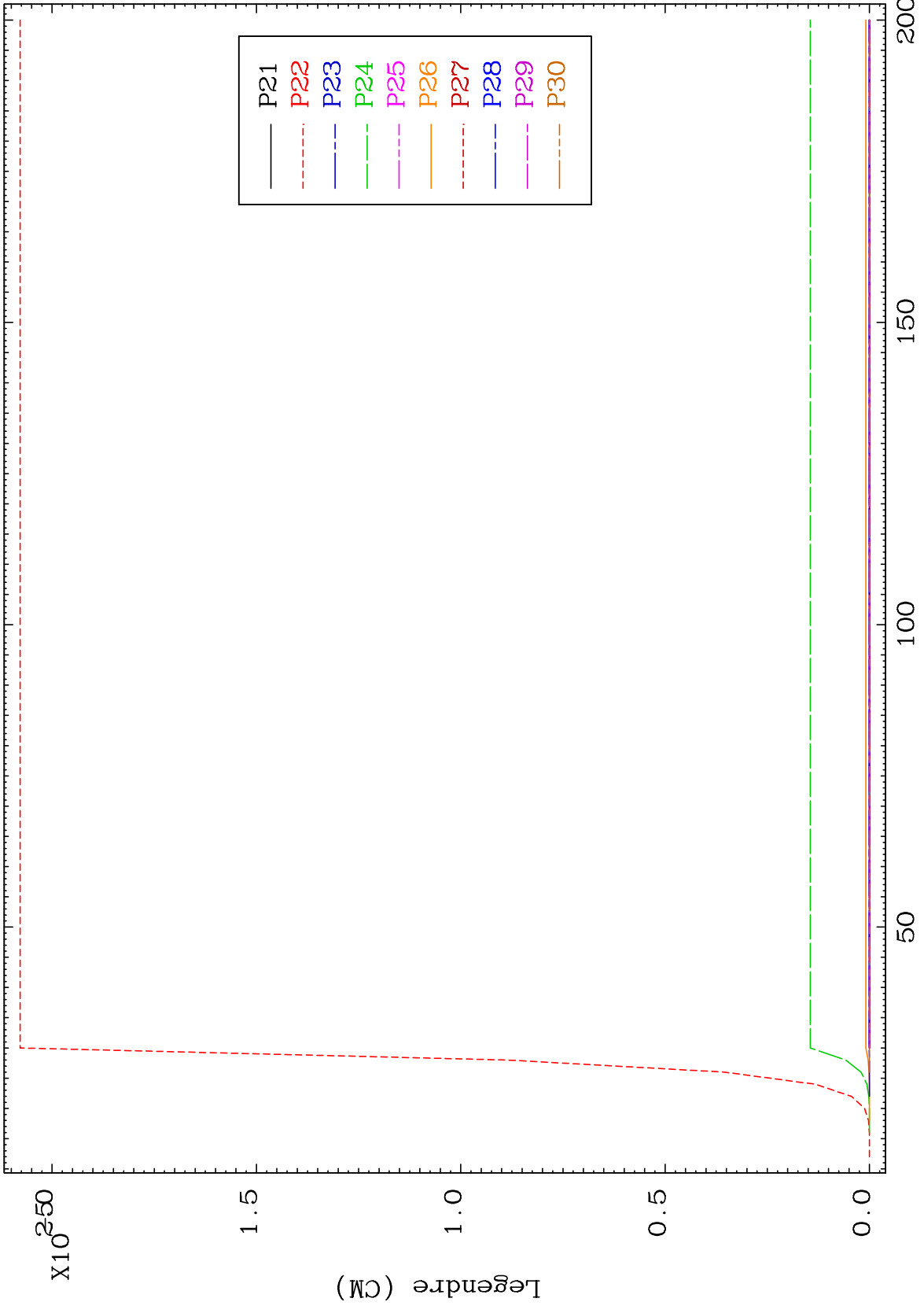
60-Nd-148



29

60-Nd-148

MAT 6043 MT= 53 (n,n') Level Legendre Coefficients 60-Nd-148

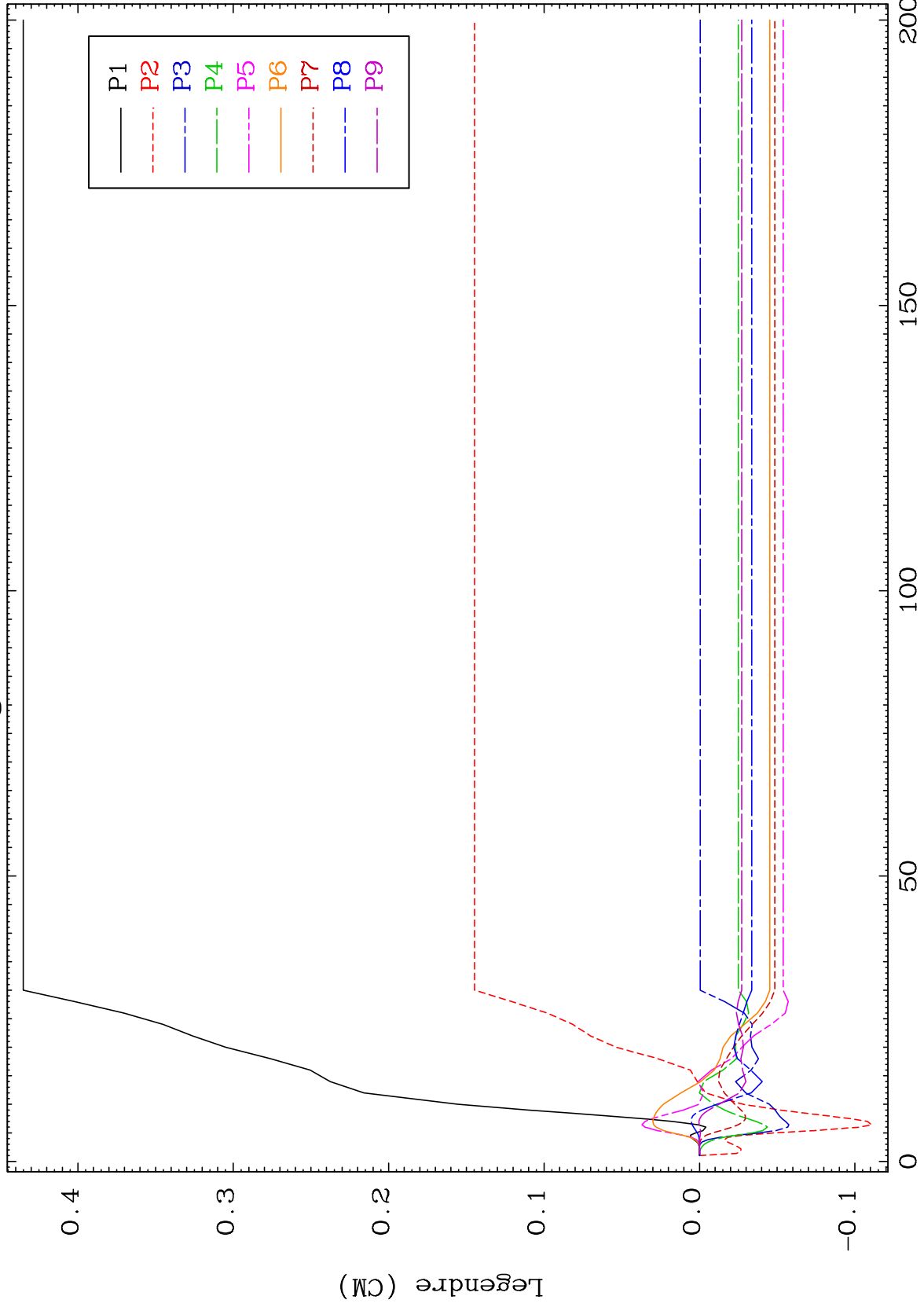


60-Nd-148

MAT 6043

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

60-Nd-148



31

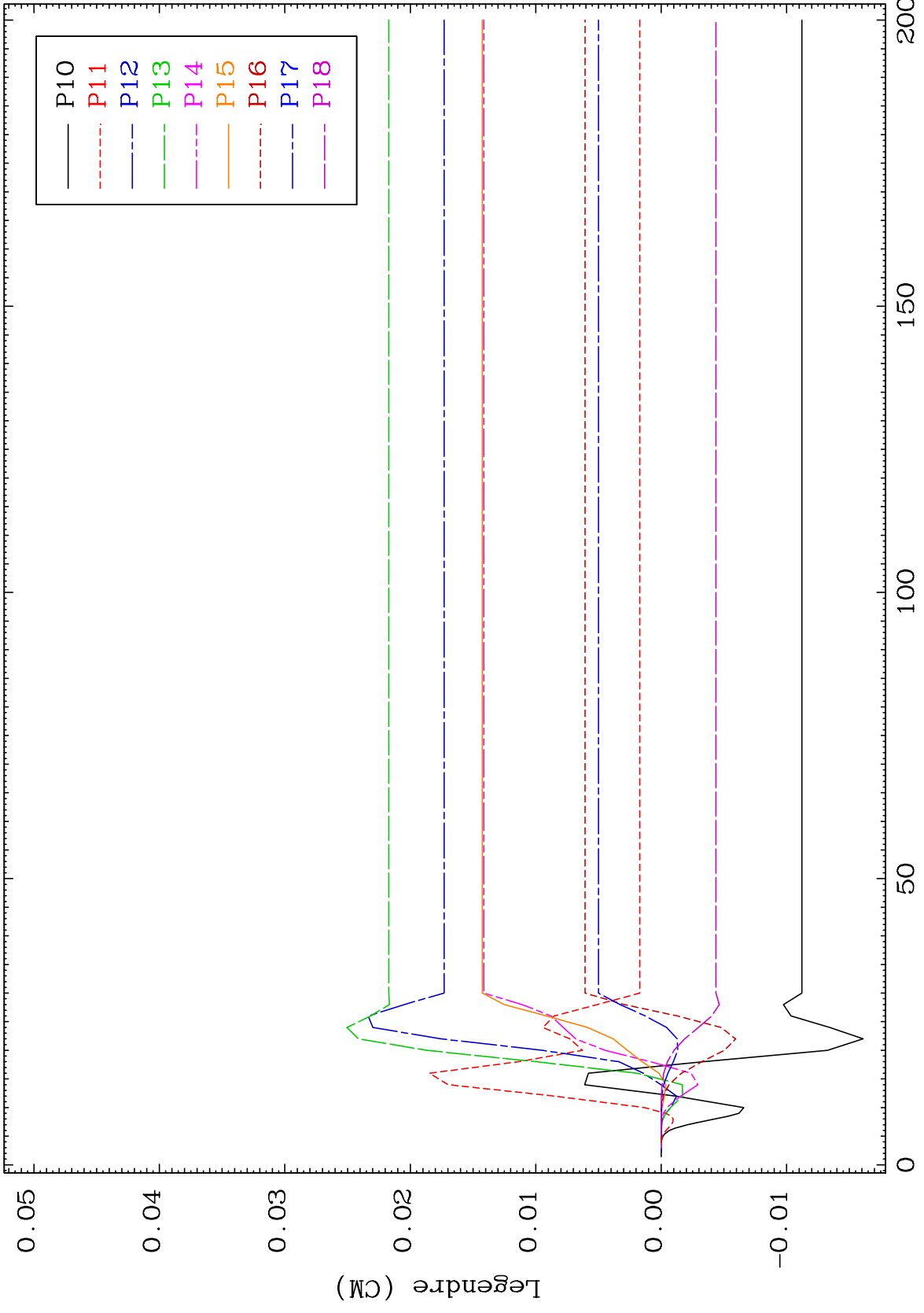
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148

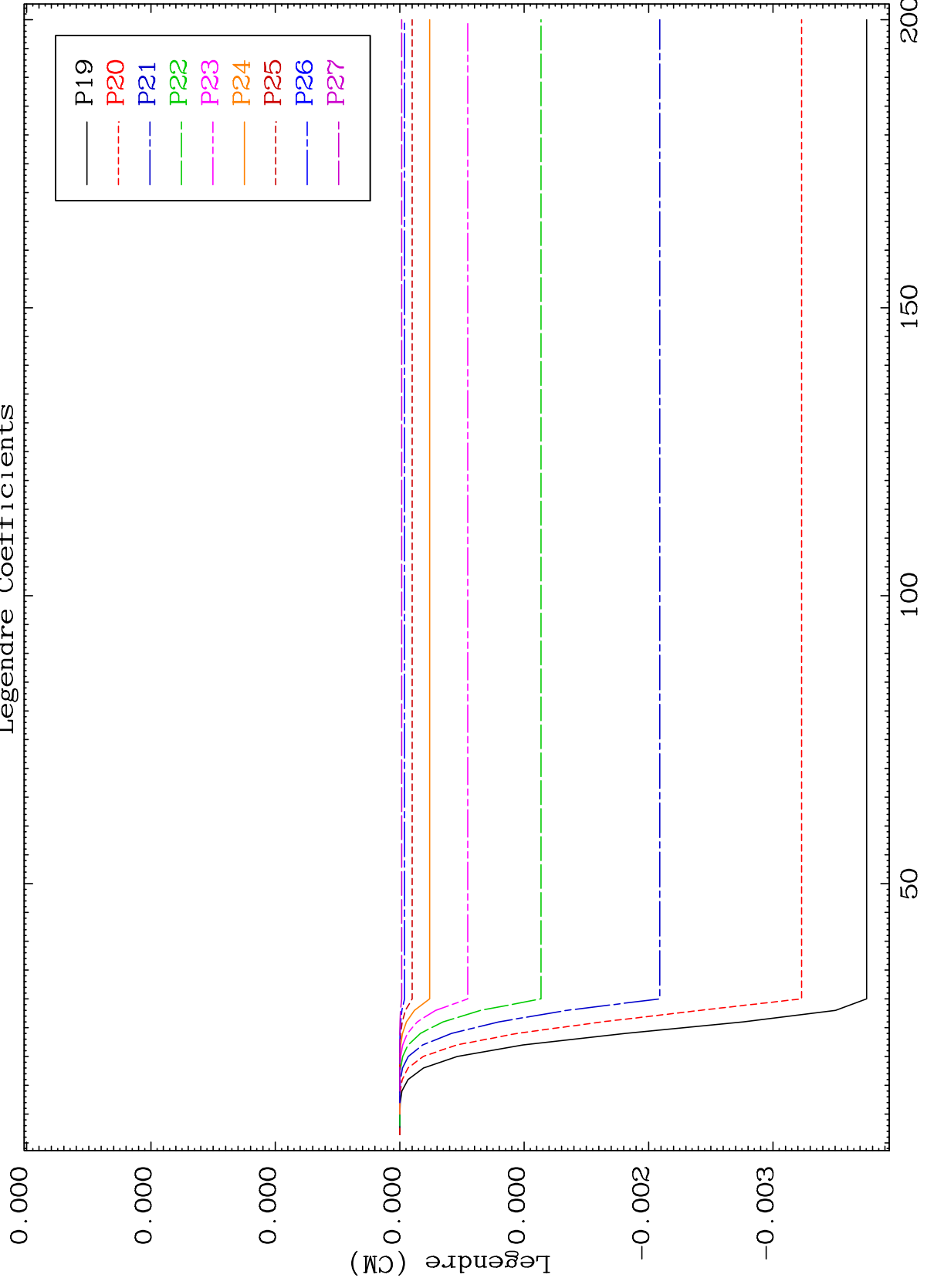


32

Incident Energy (MeV)

60-Nd-148

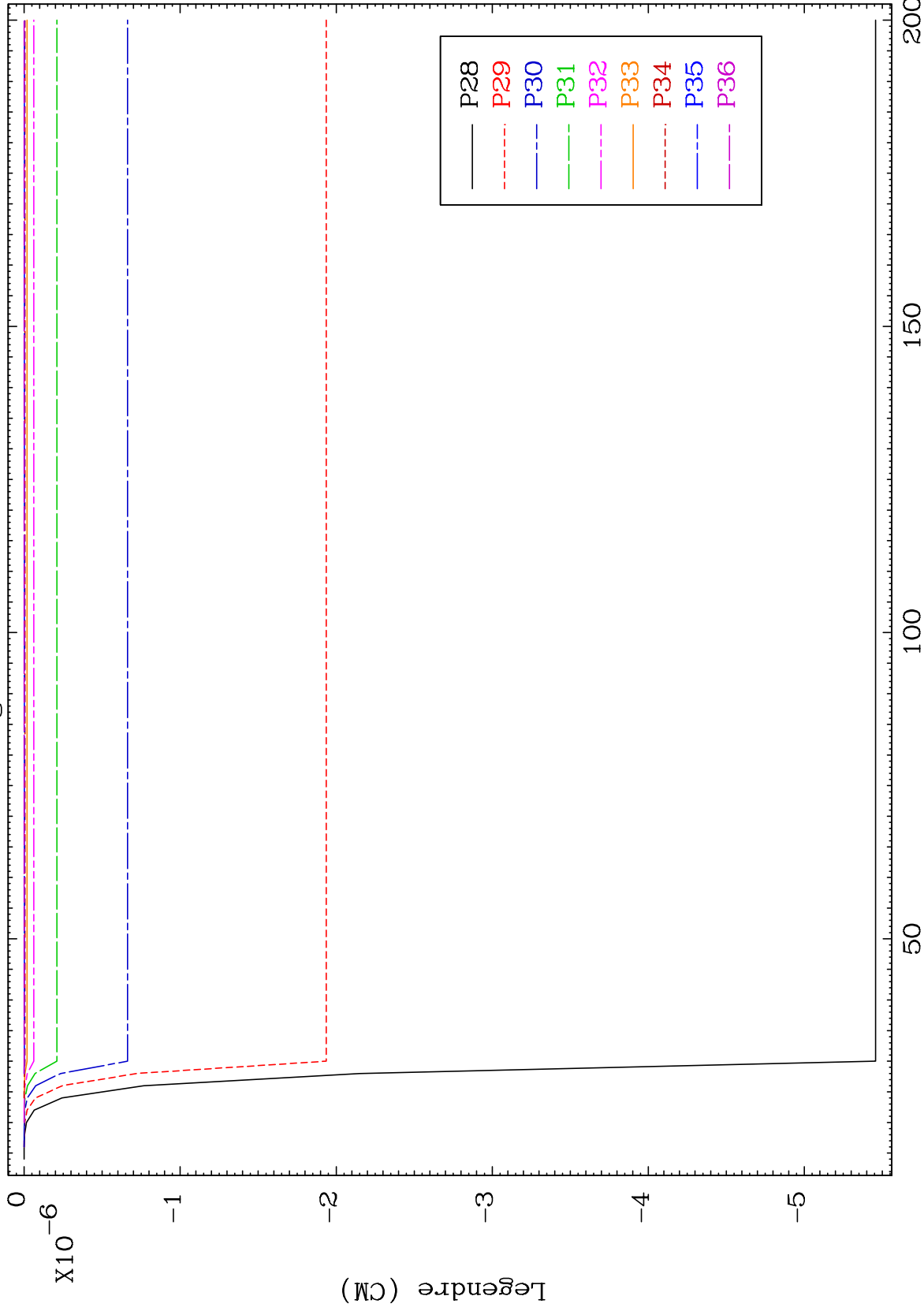
MAT 6043 MT= 54 (n,n') Level Legendre Coefficients 60-Nd-148



MAT 6043

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

60-Nd-148



34

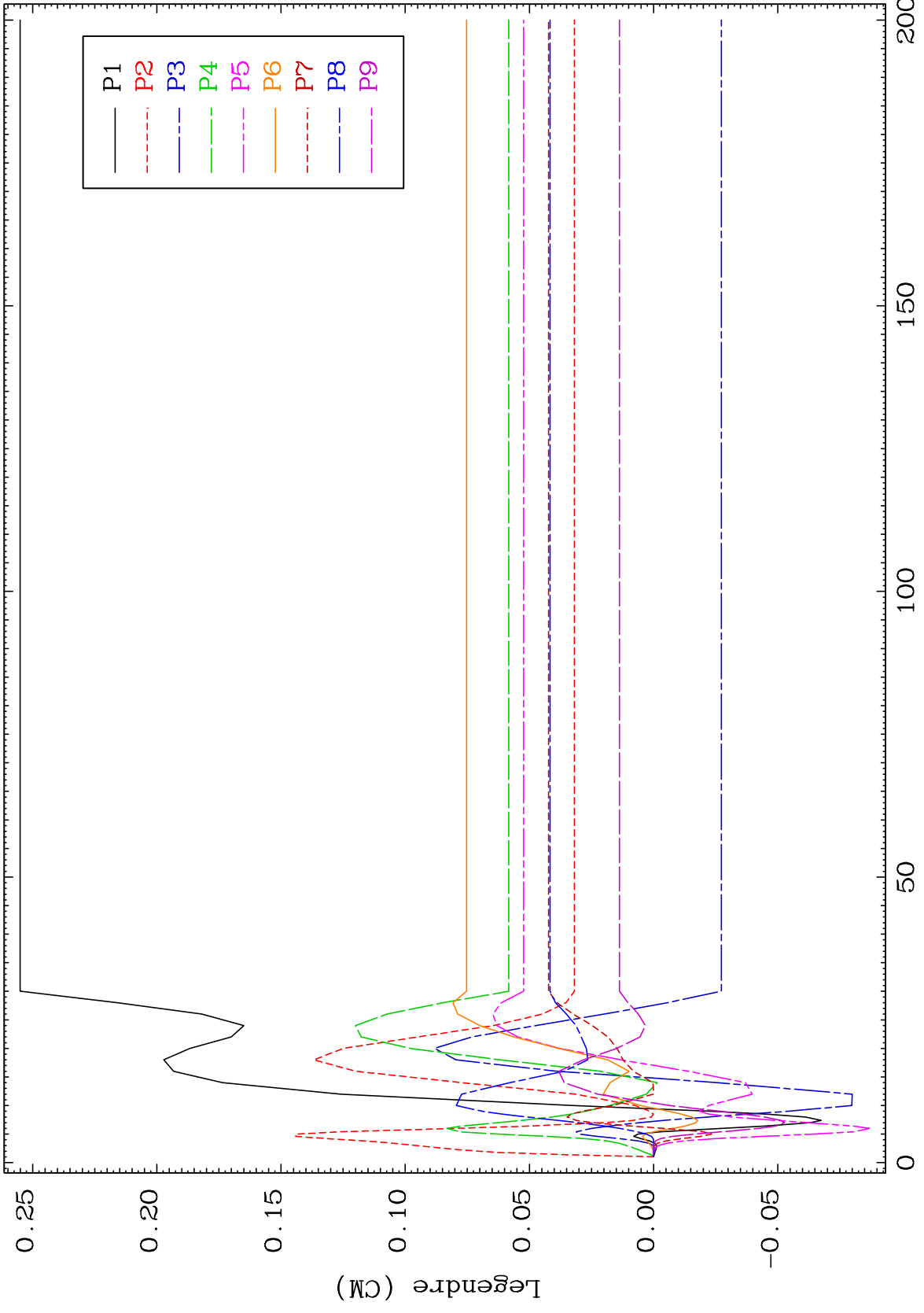
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



35

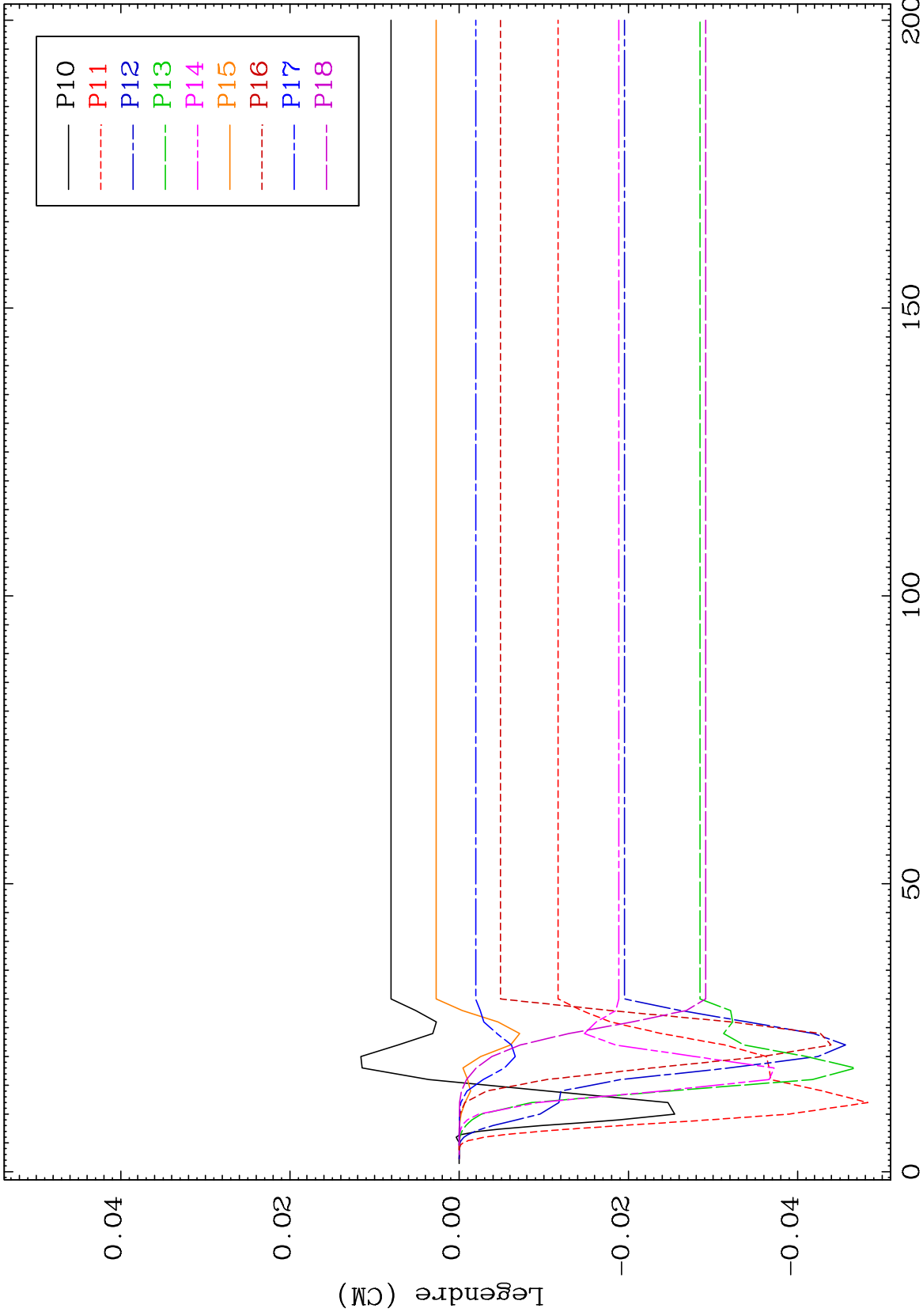
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148

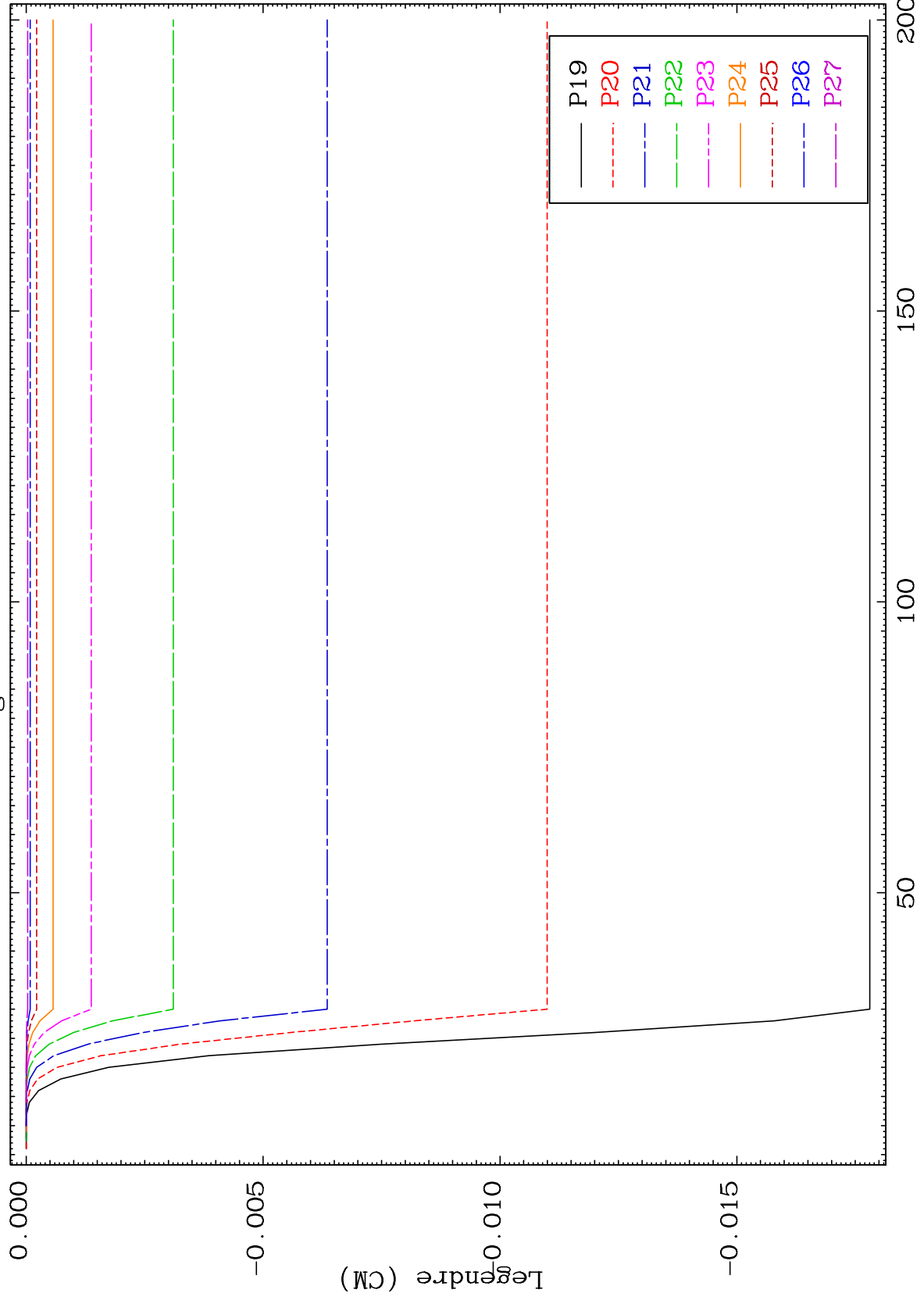


36

Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 55 (n,n') Level Legendre Coefficients 60-Nd-148

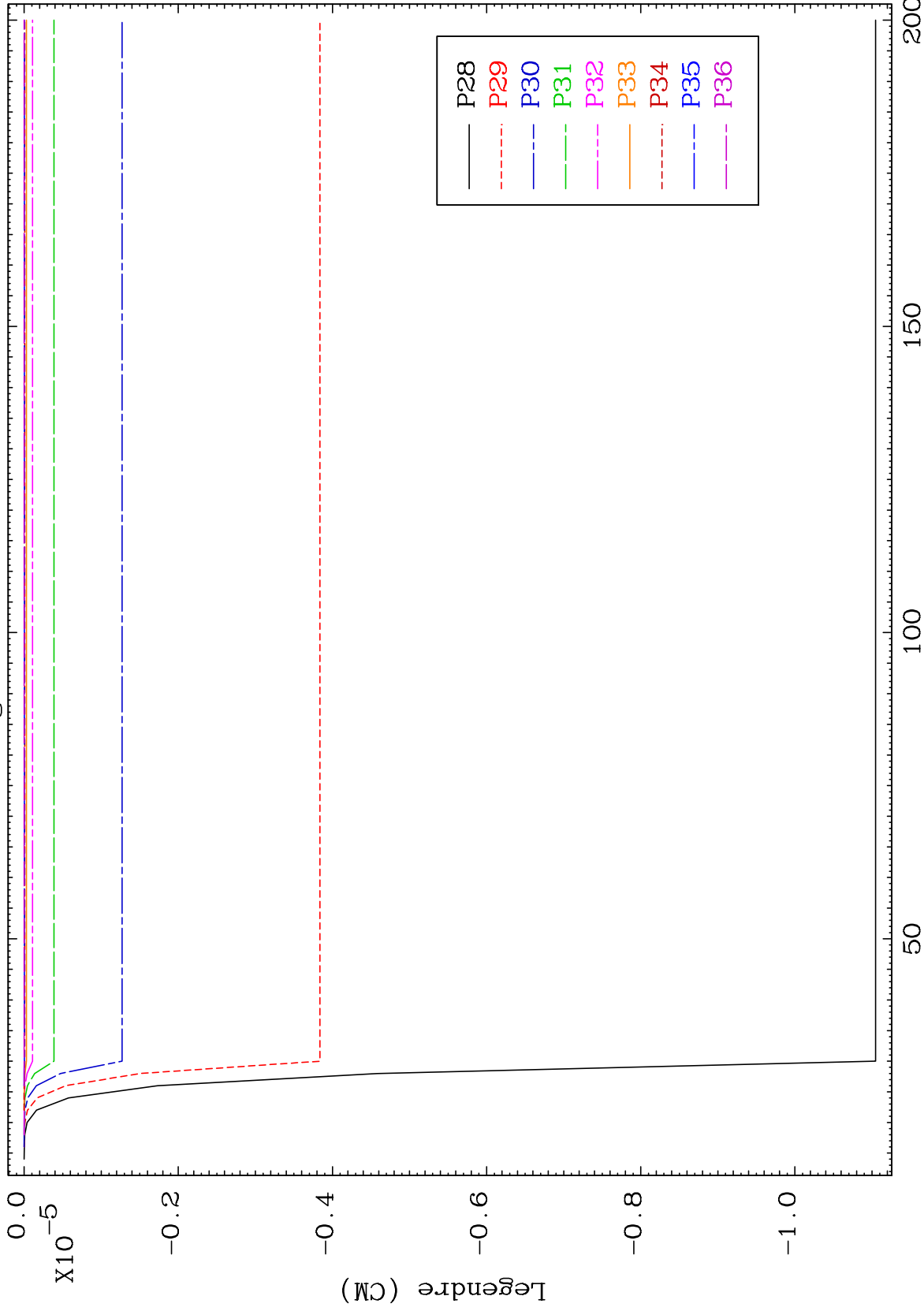


37 60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

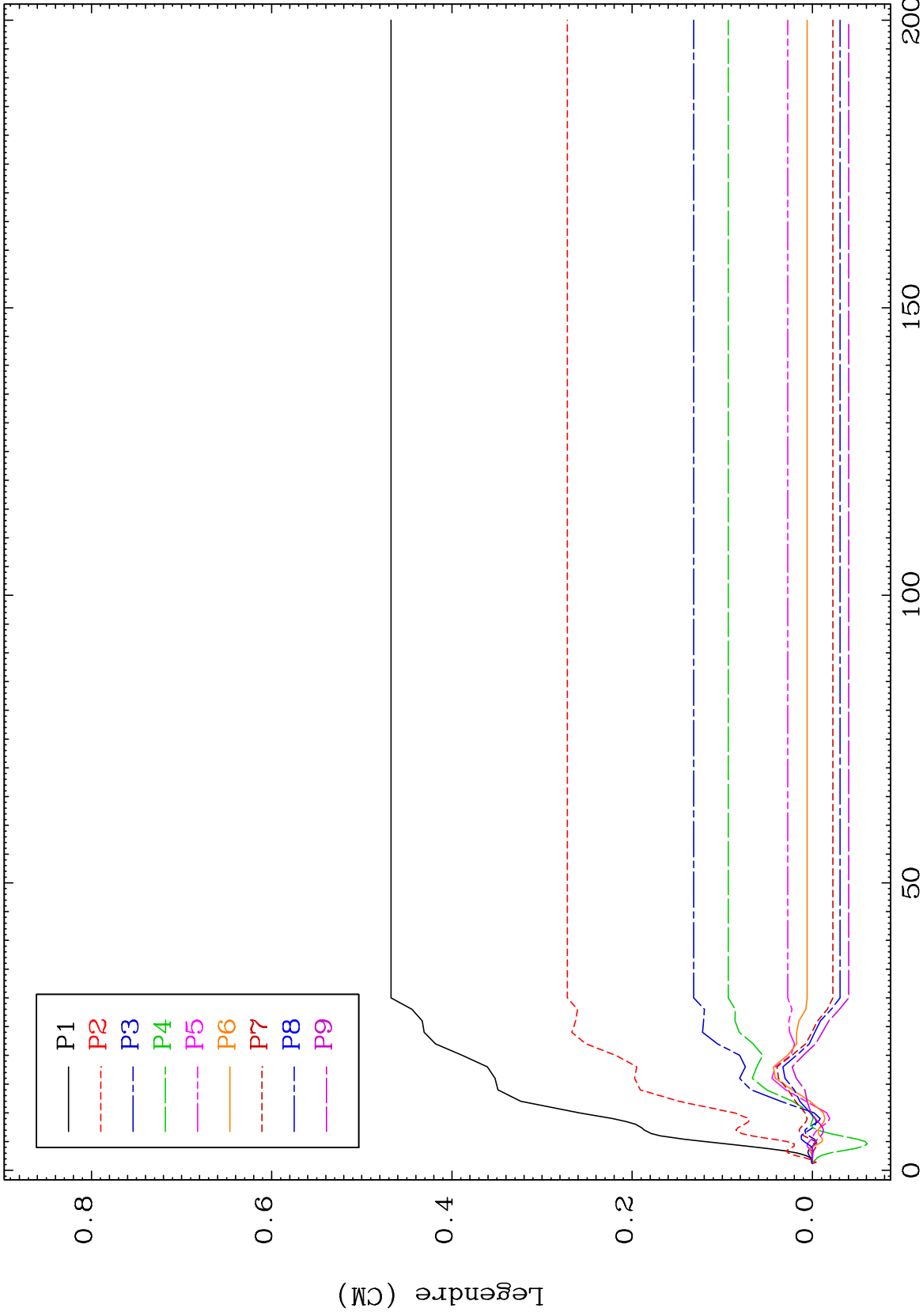
Incident Energy (MeV)

38

MAT 6043

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

60-Nd-148



39

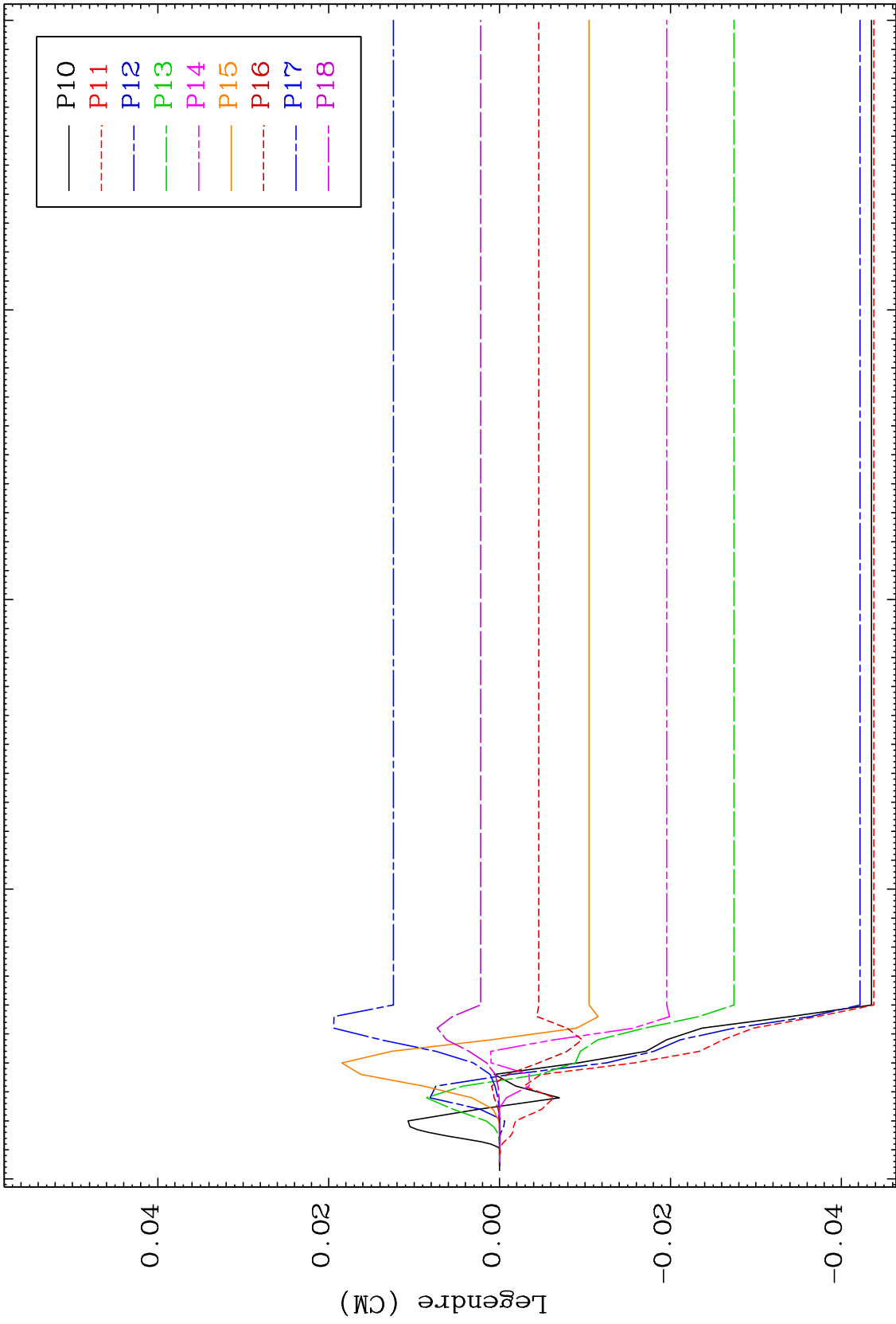
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



40

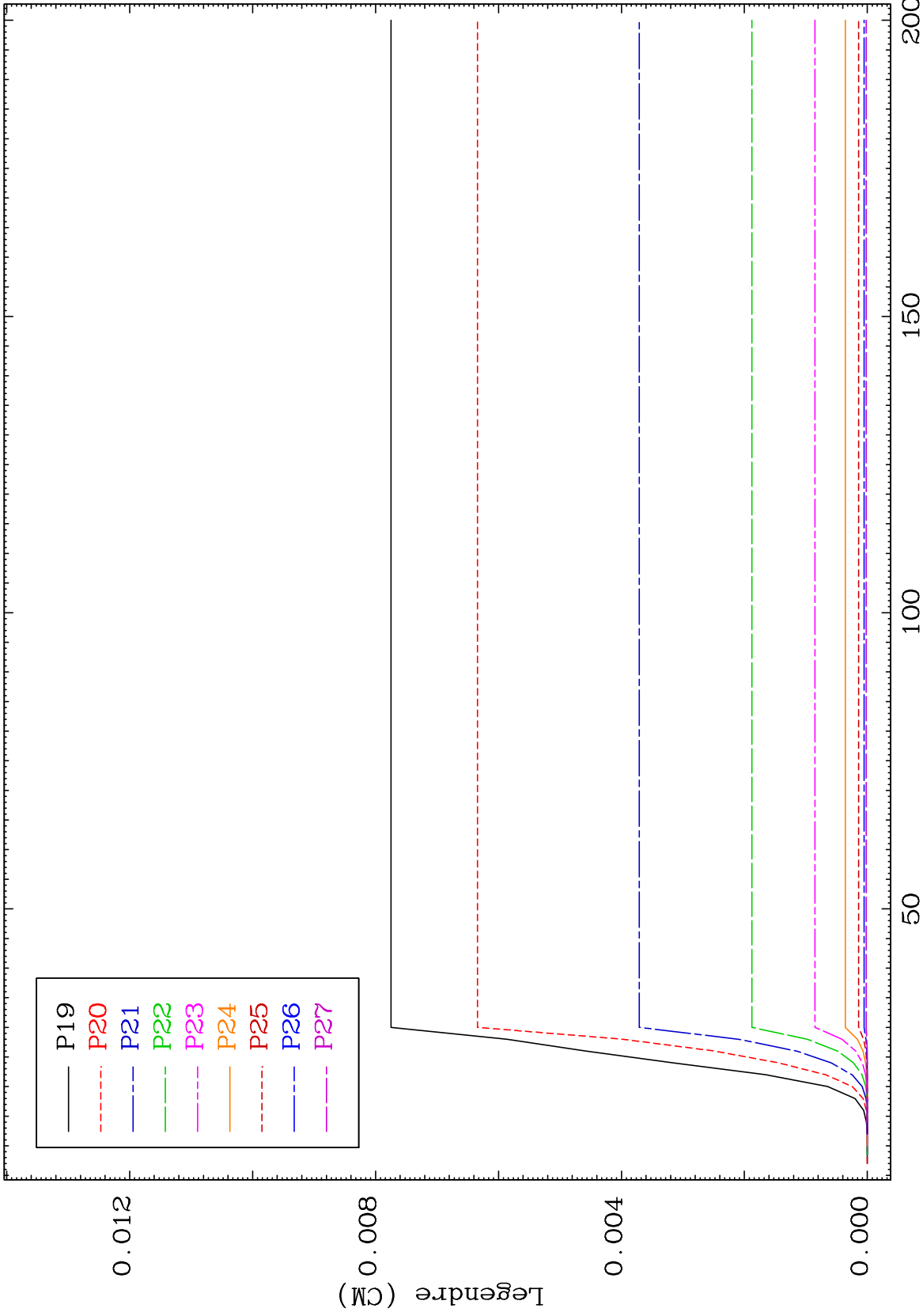
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

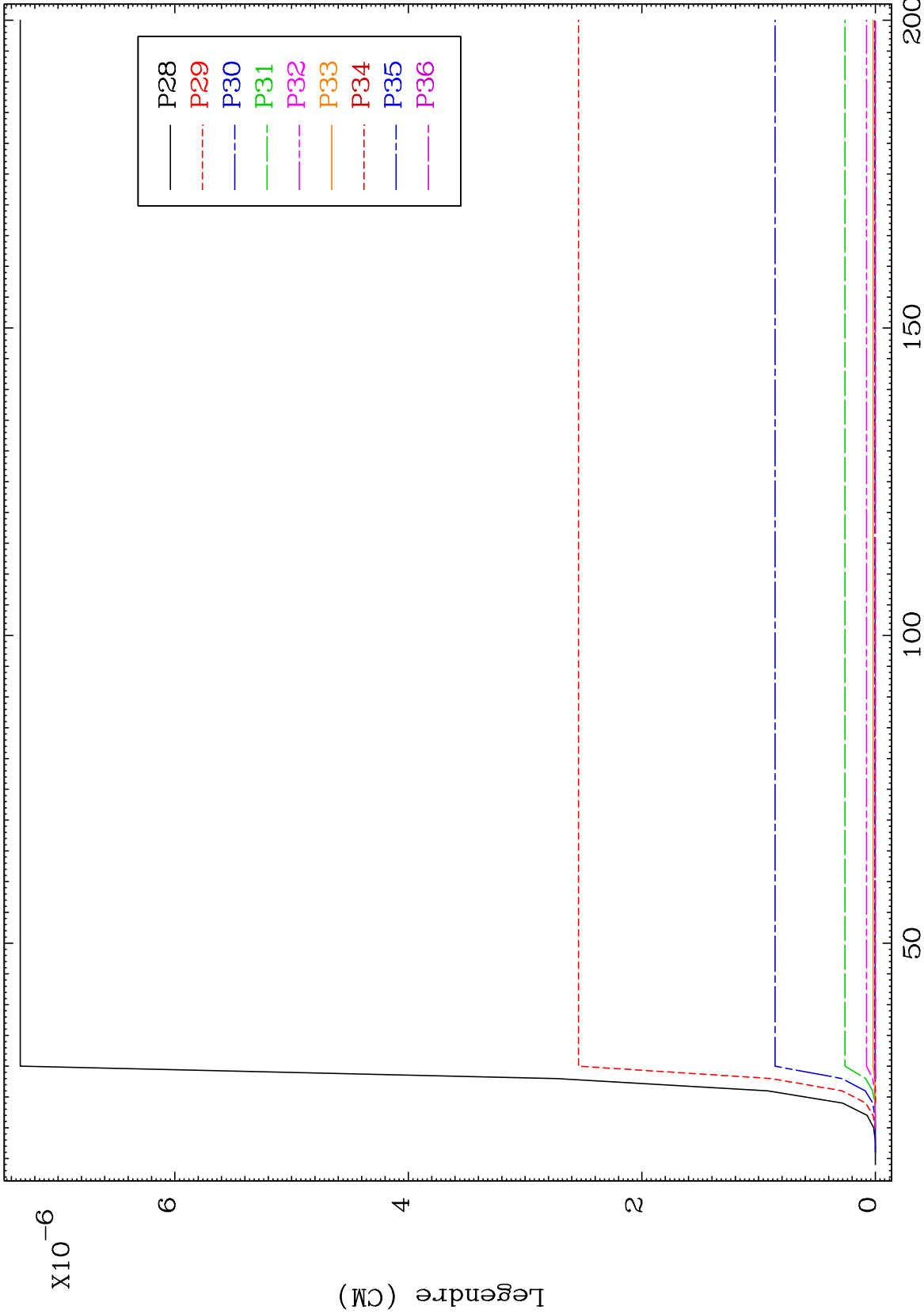
60-Nd-148



MAT 6043

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

60-Nd-148



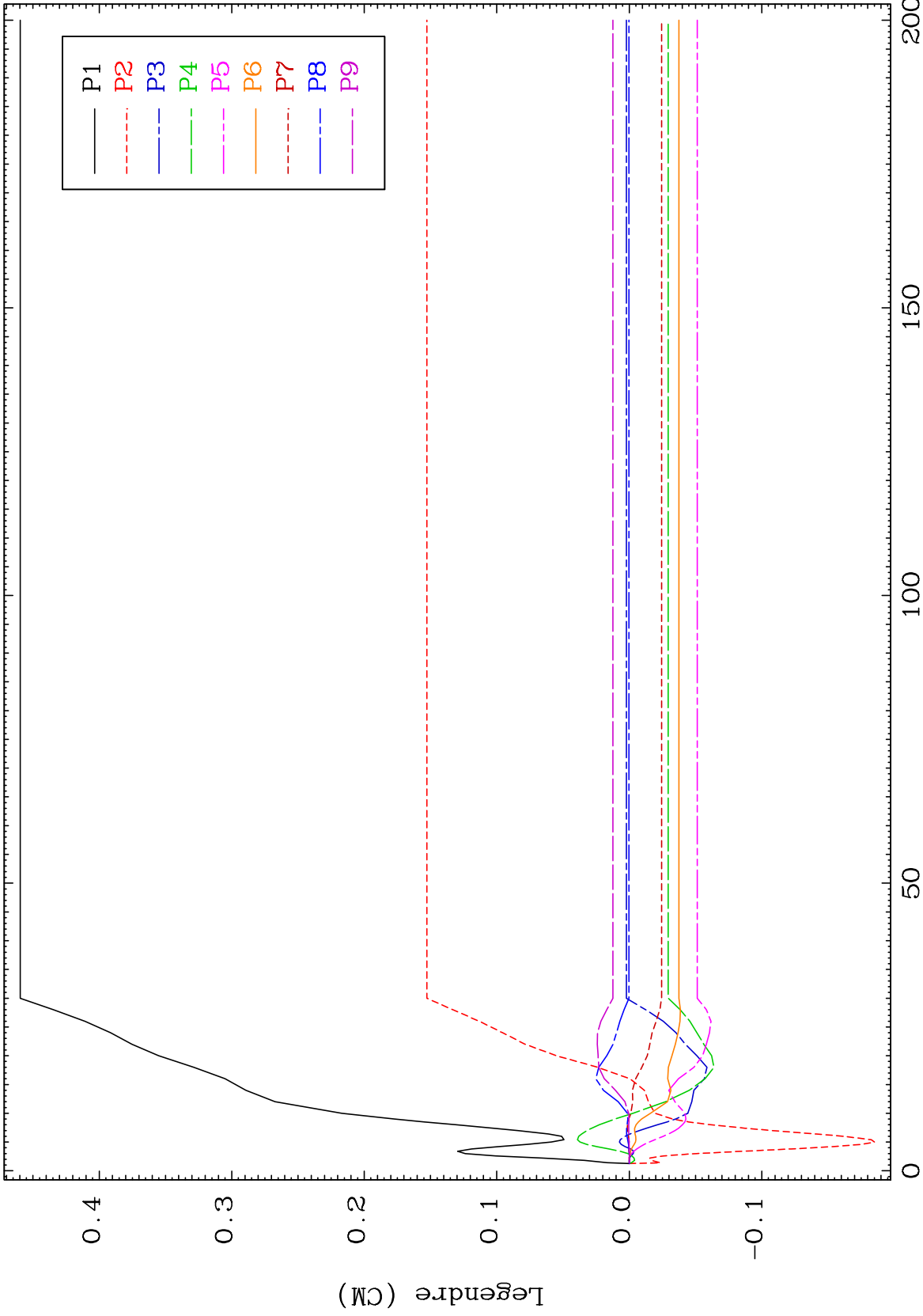
42

60-Nd-148

MAT 6043

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

60-Nd-148



43

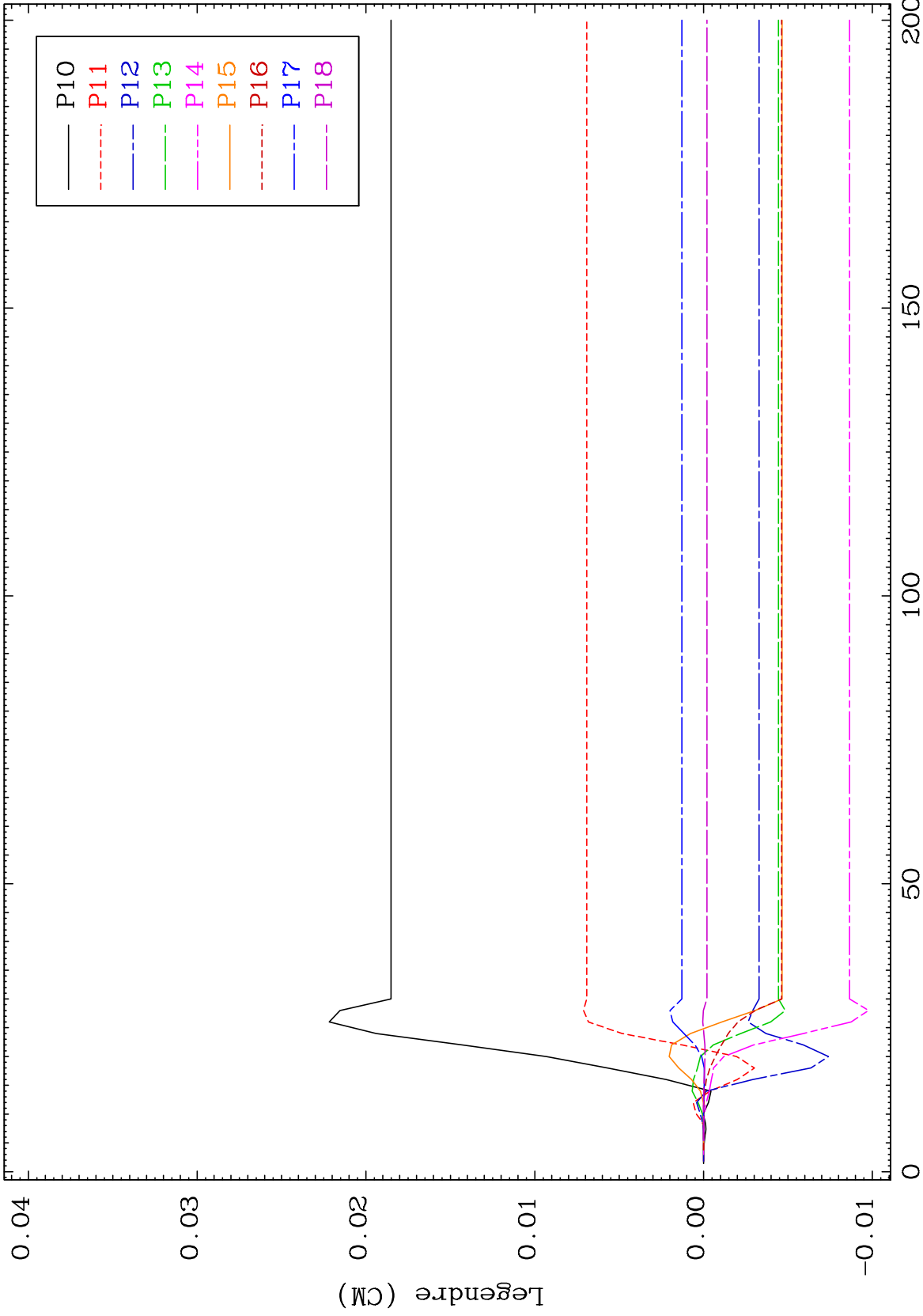
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



44

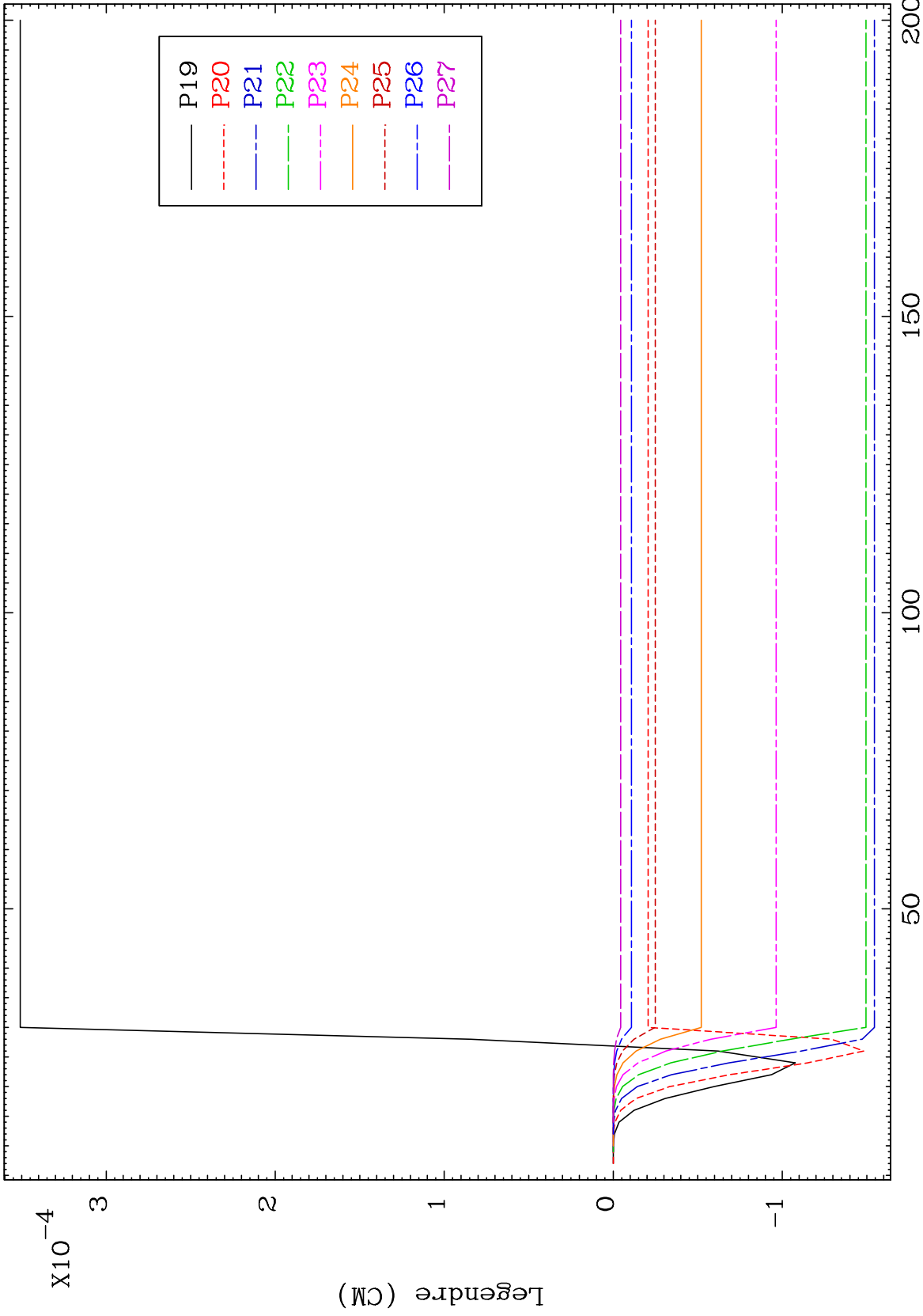
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



45

Incident Energy (MeV)

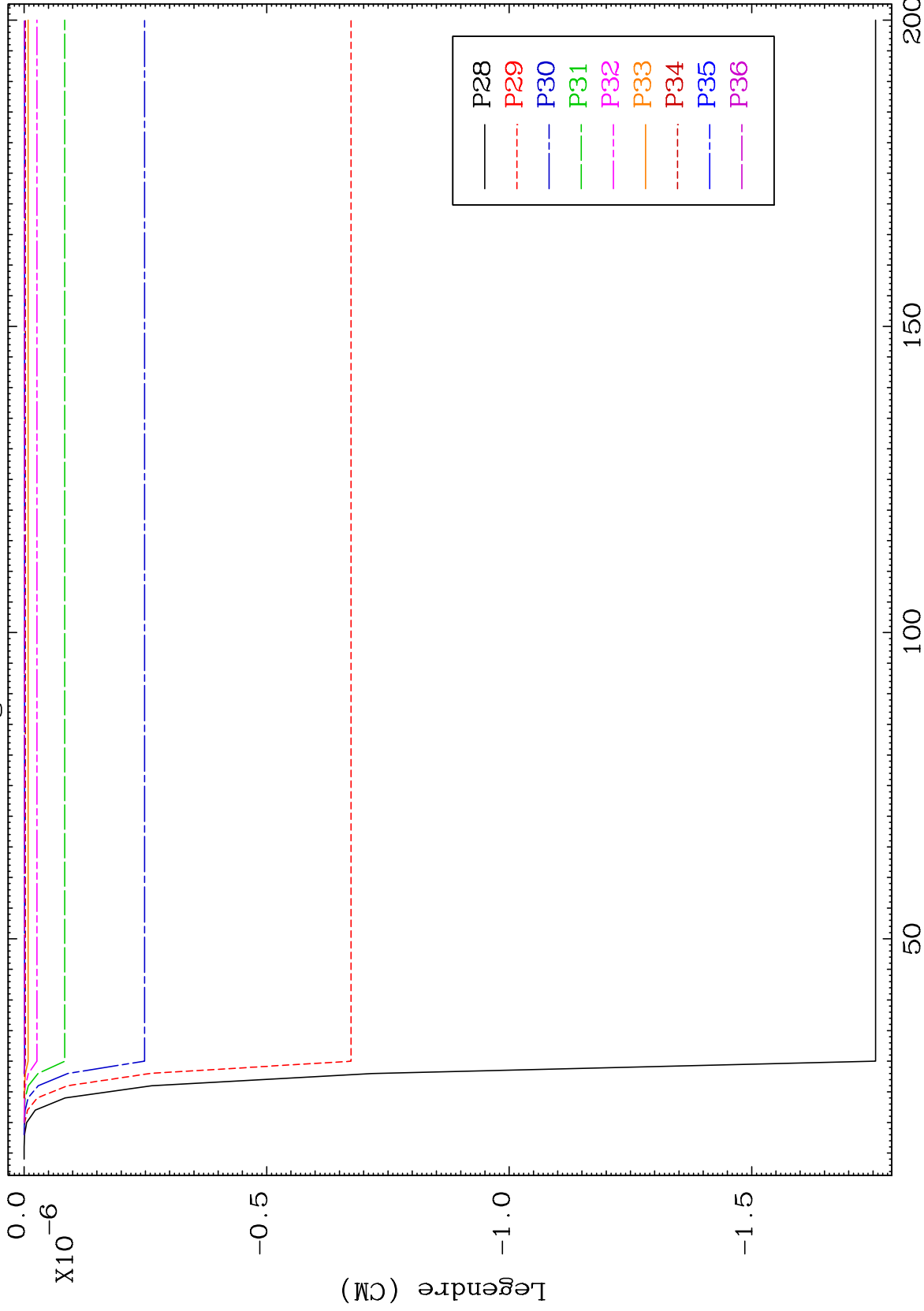
200

60-Nd-148

MAT 6043

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

60-Nd-148



46

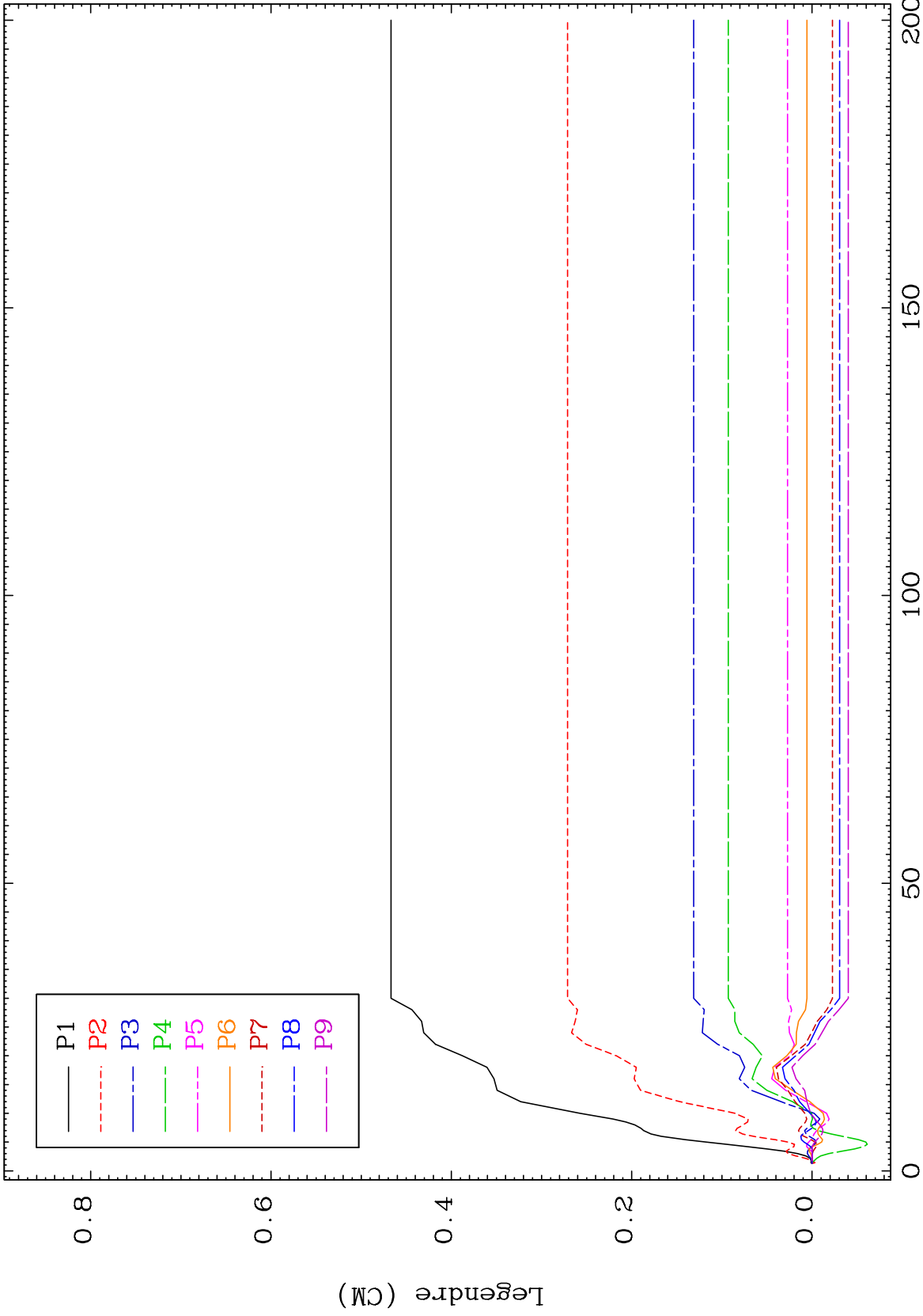
60-Nd-148

200

MAT 6043

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

60-Nd-148



47

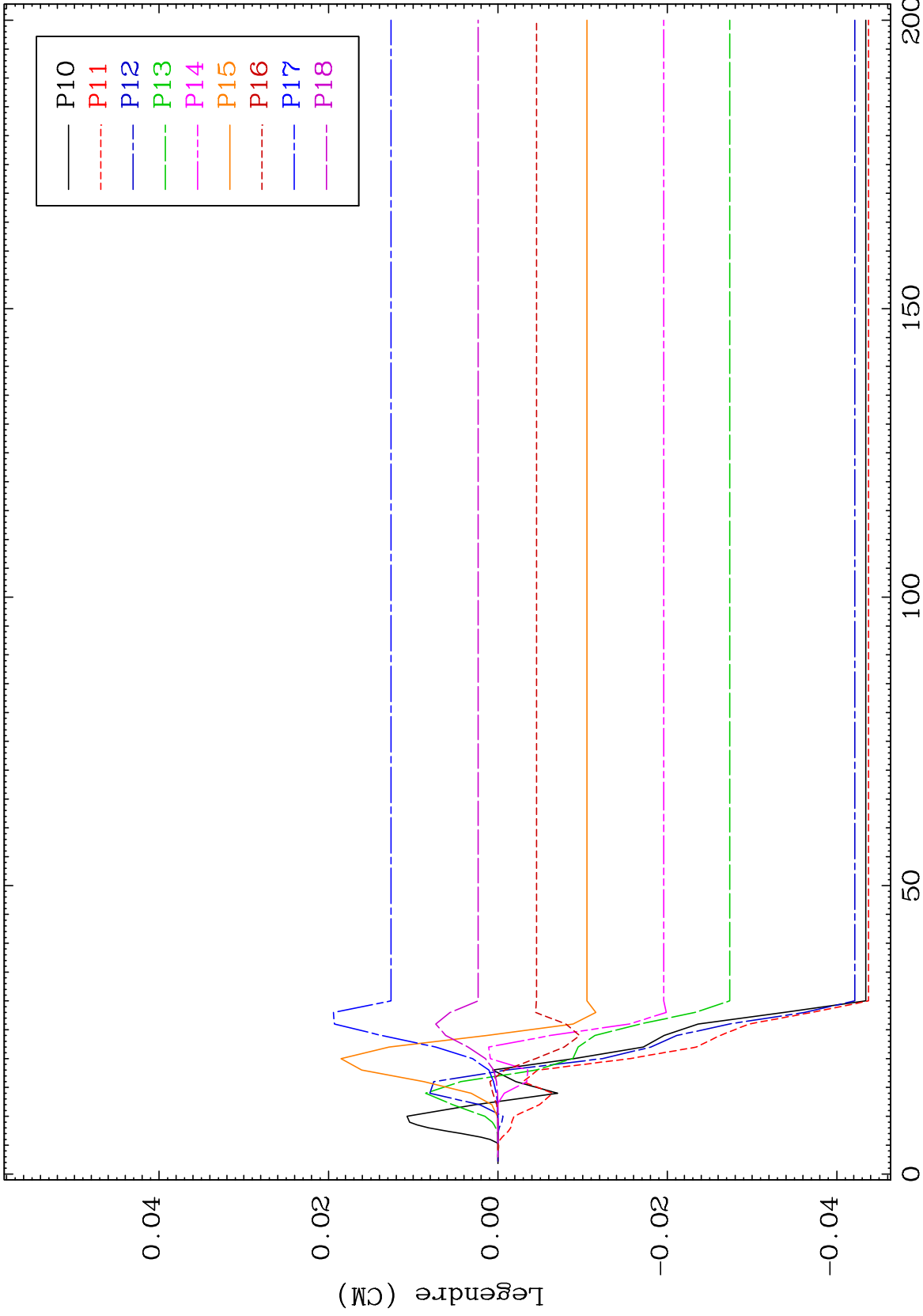
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



48

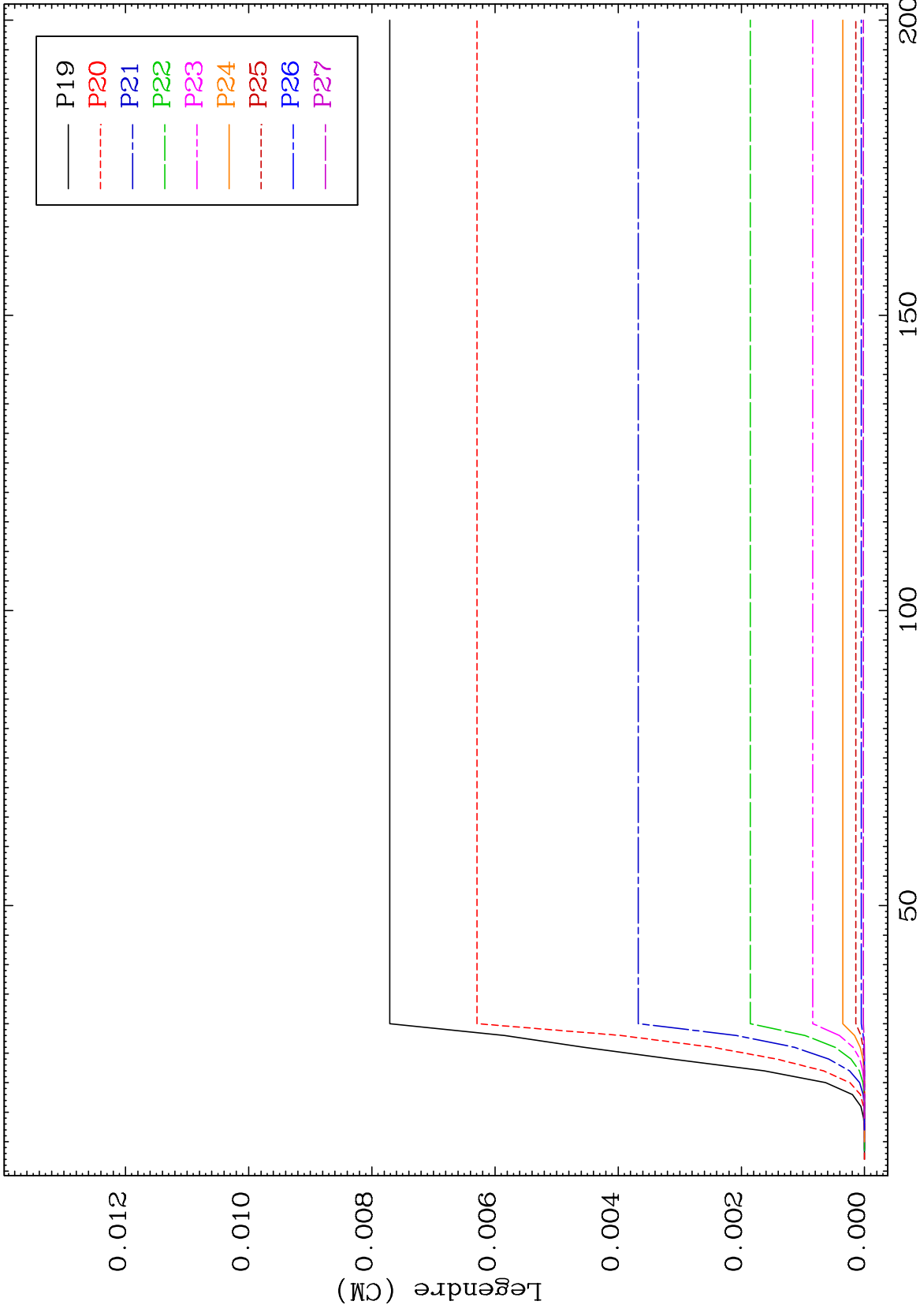
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



49

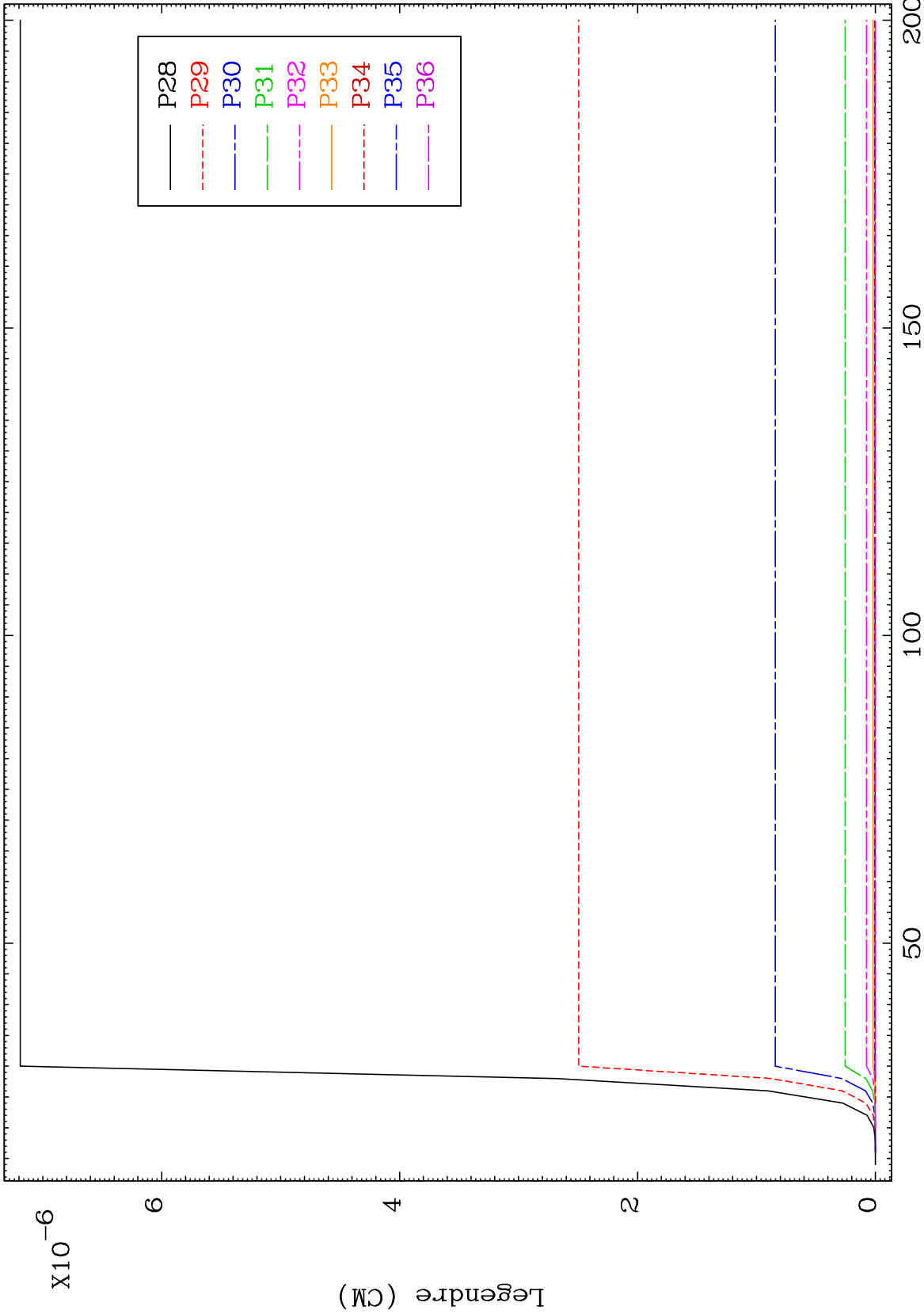
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



50

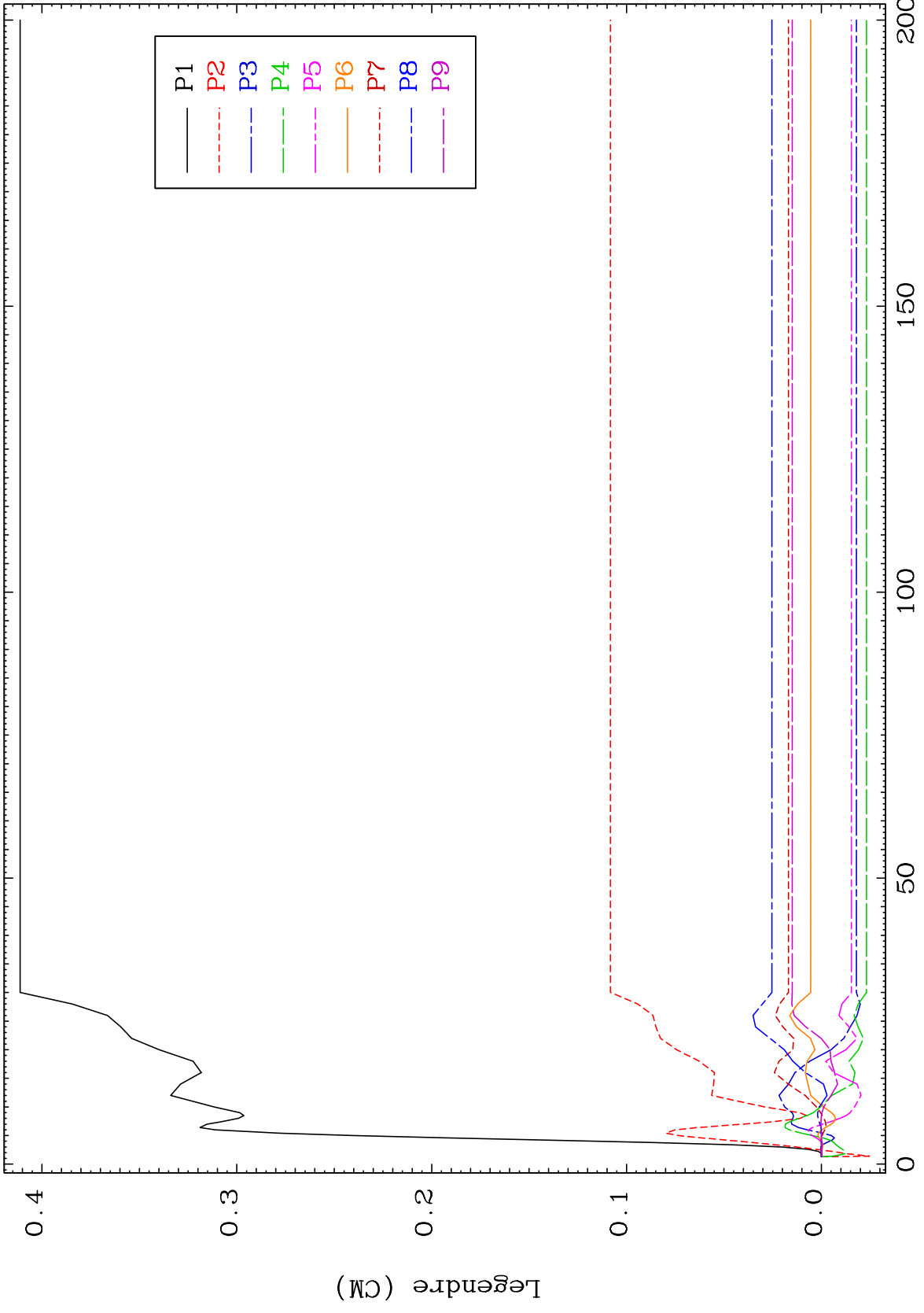
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



51

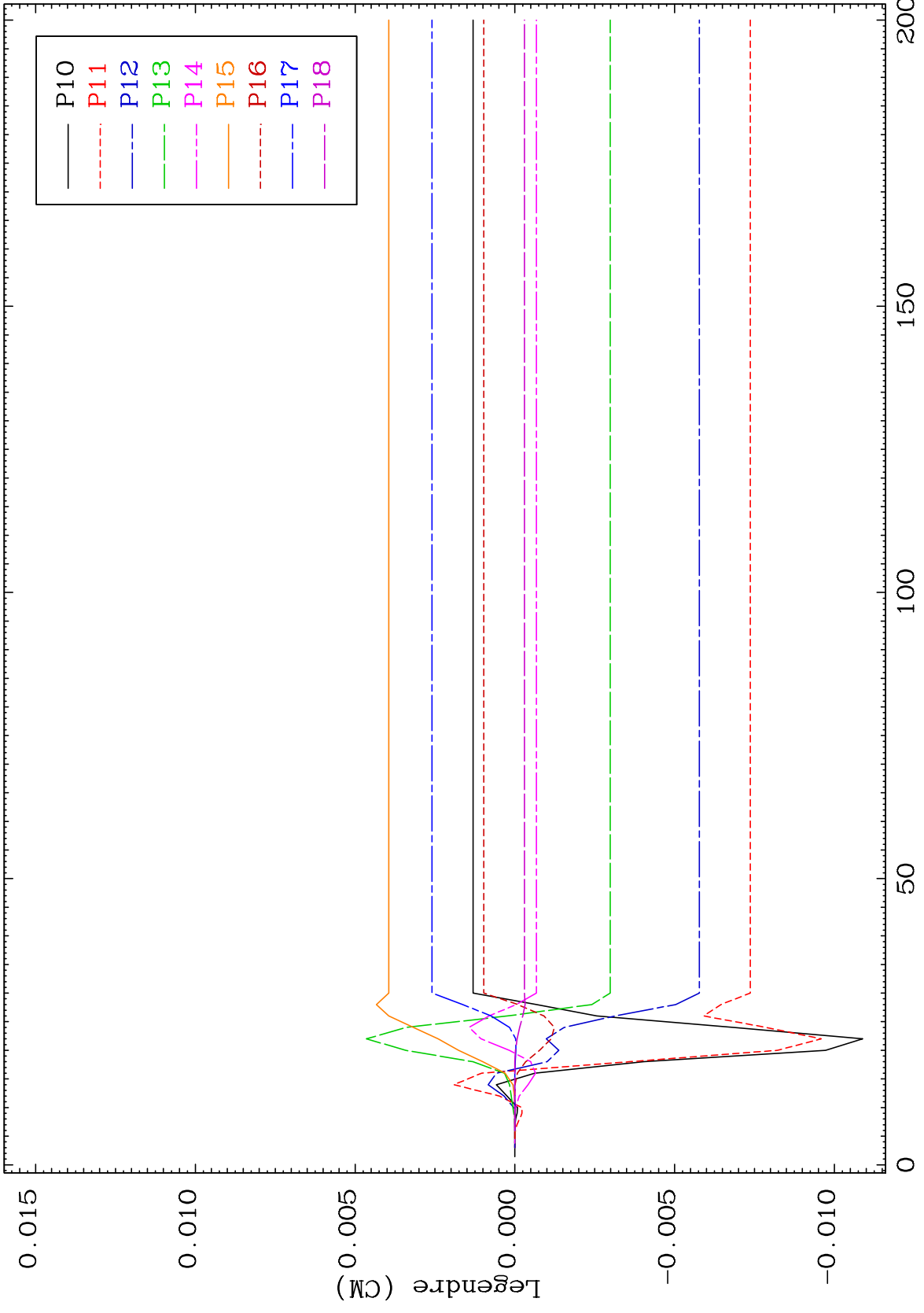
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148

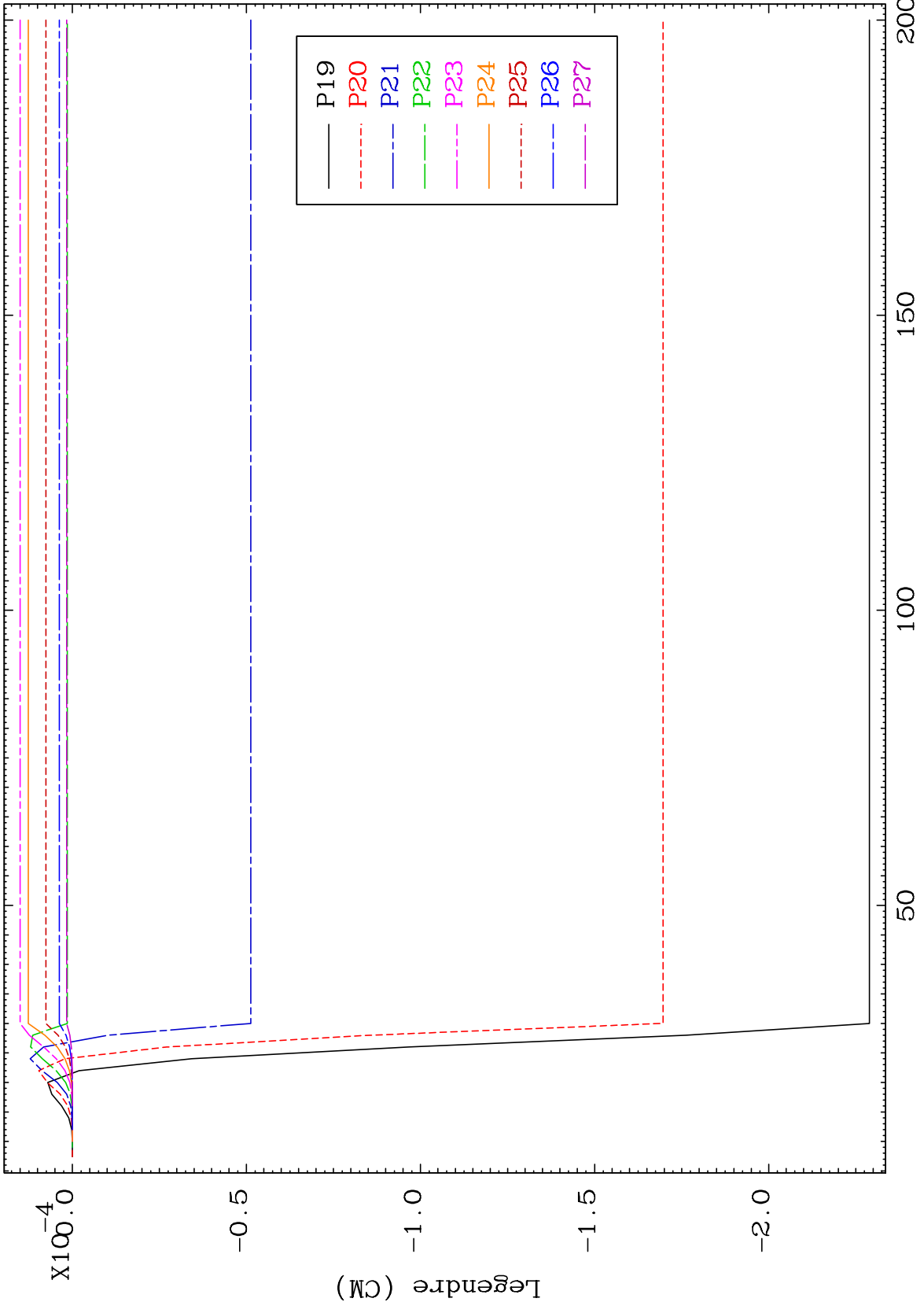


52

Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 59 (n,n') Level Legendre Coefficients 60-Nd-148

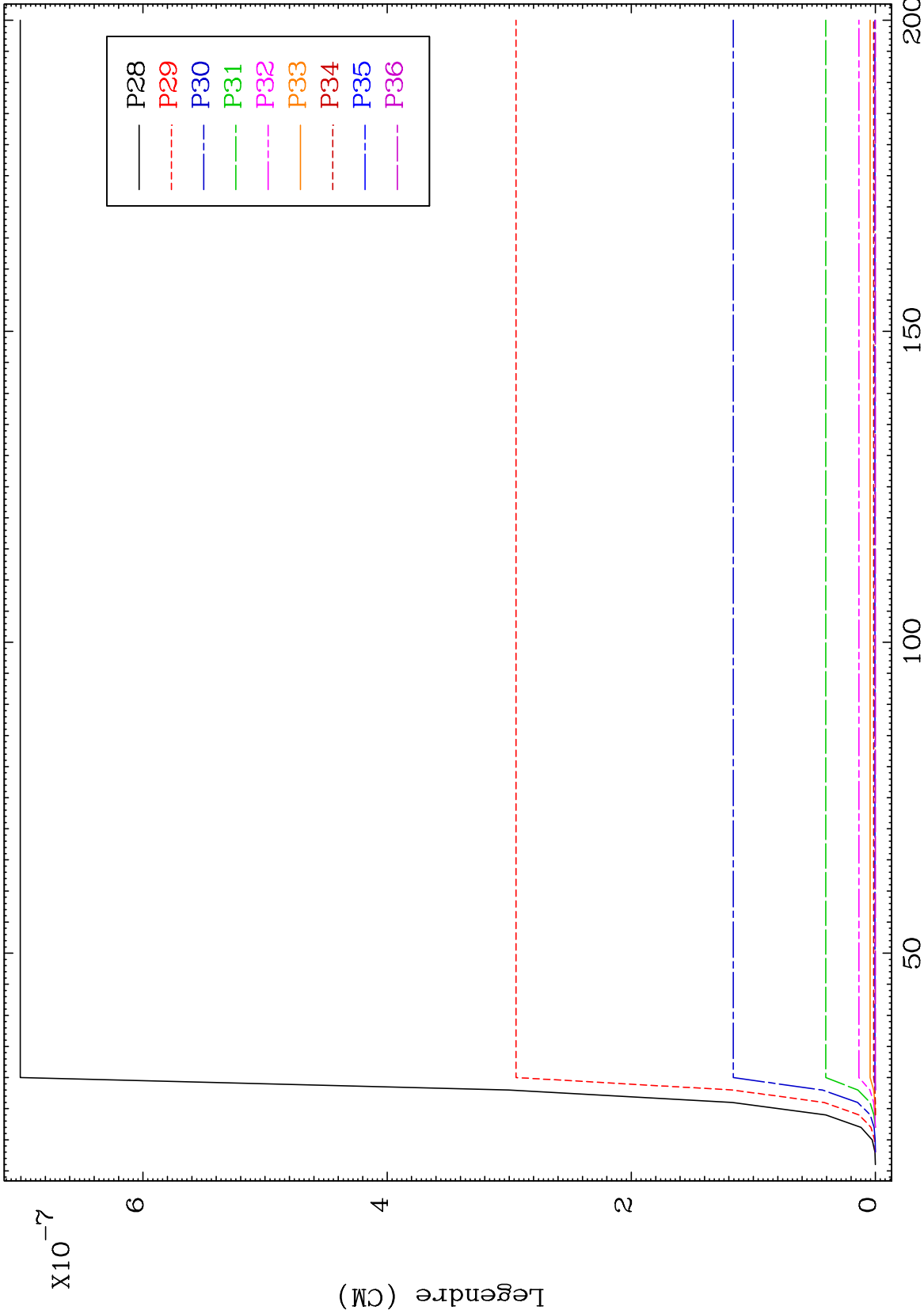


53 60-Nd-148

MAT 6043

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

60-Nd-148



54

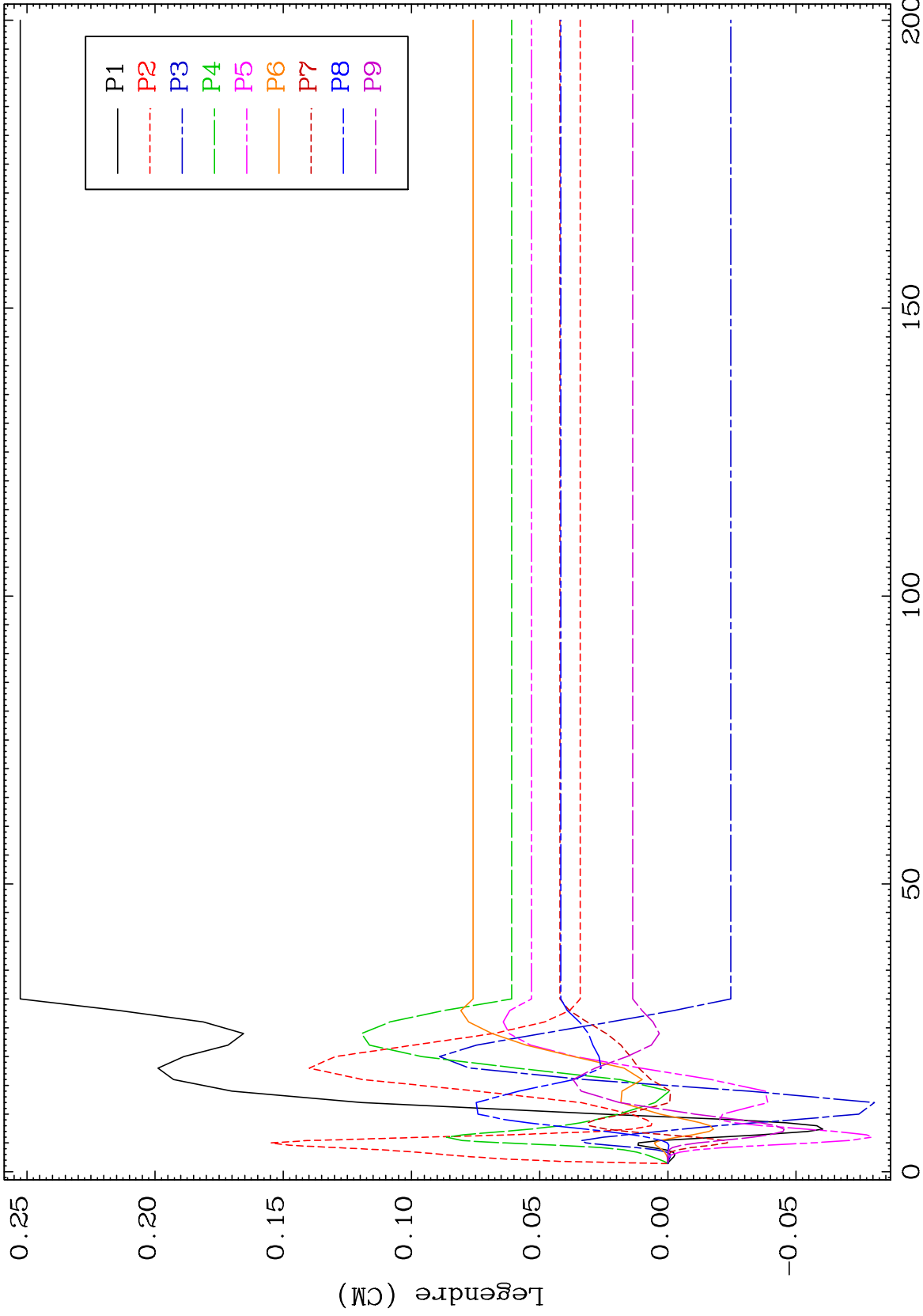
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



55

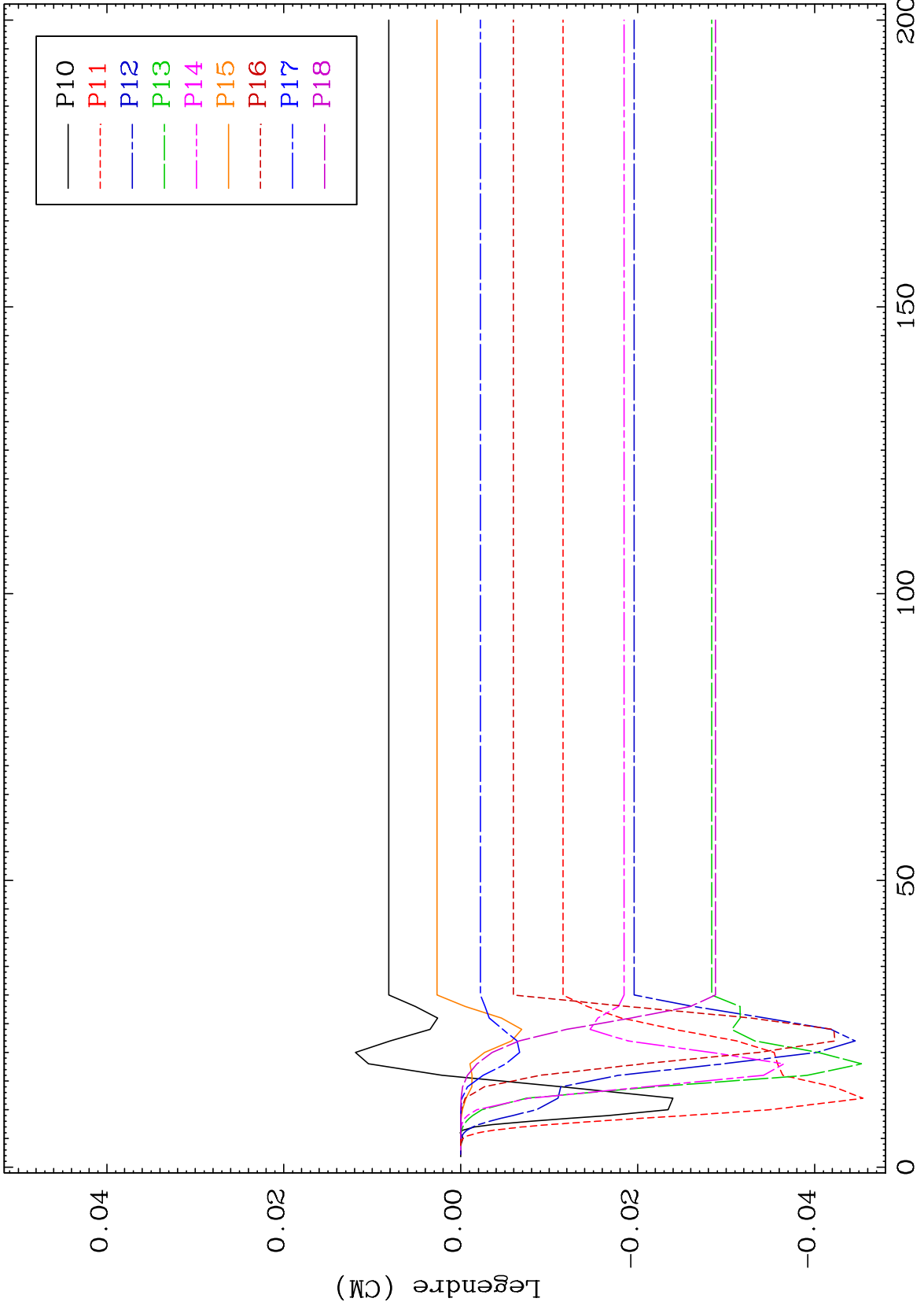
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148

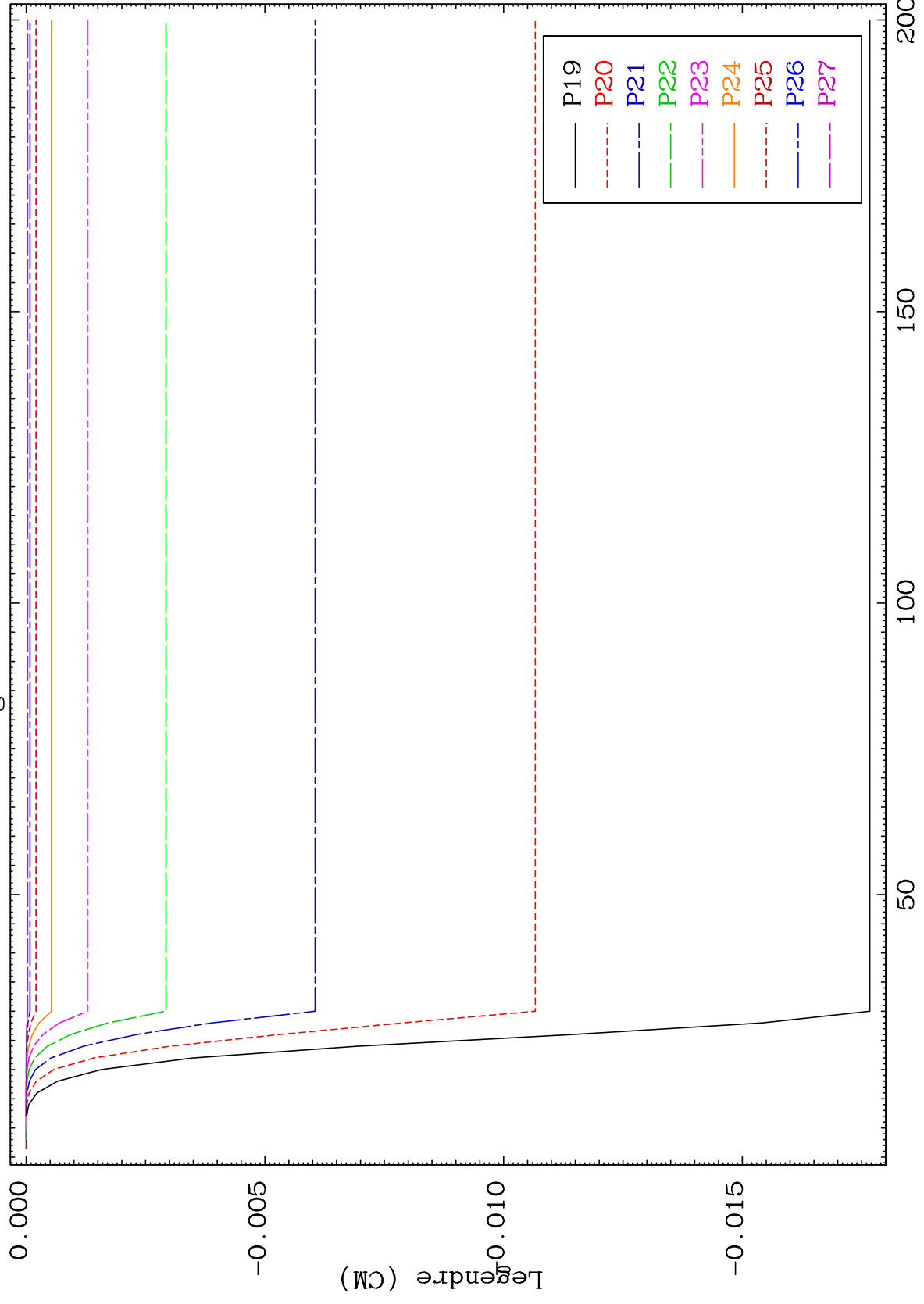


56

Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 60 (n,n') Level Legendre Coefficients 60-Nd-148

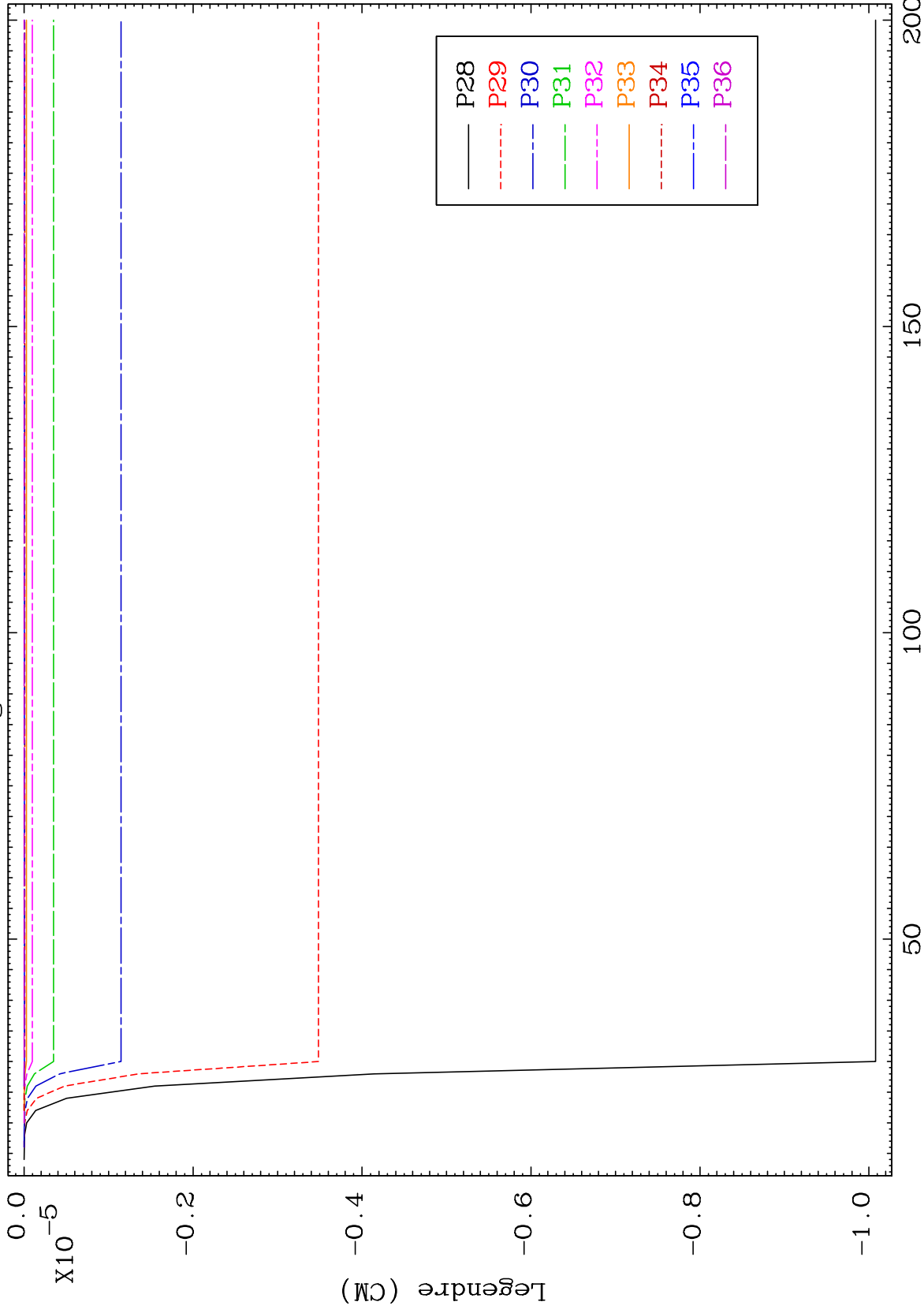


57 60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

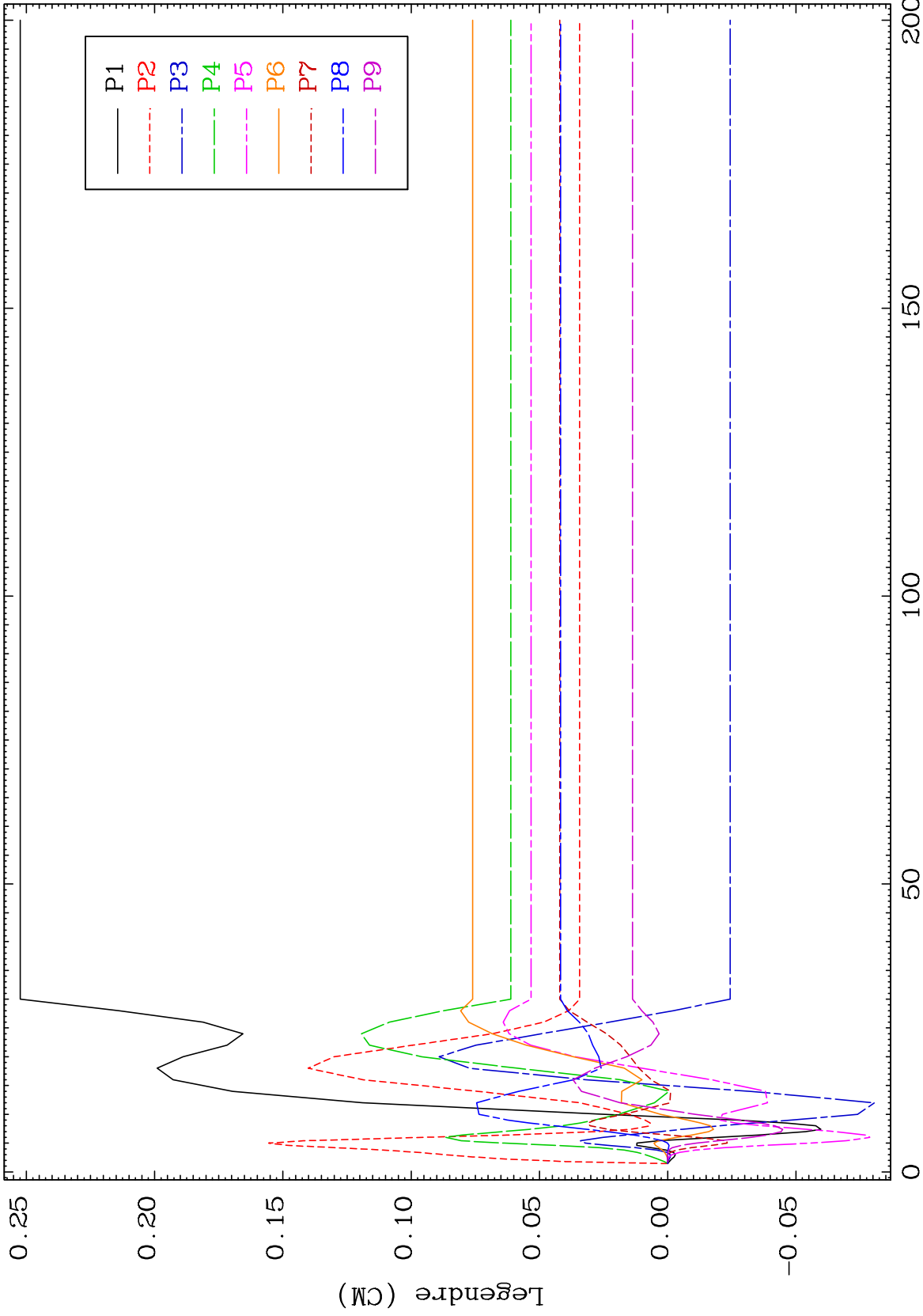
Incident Energy (MeV)

58

MAT 6043

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

60-Nd-148



59

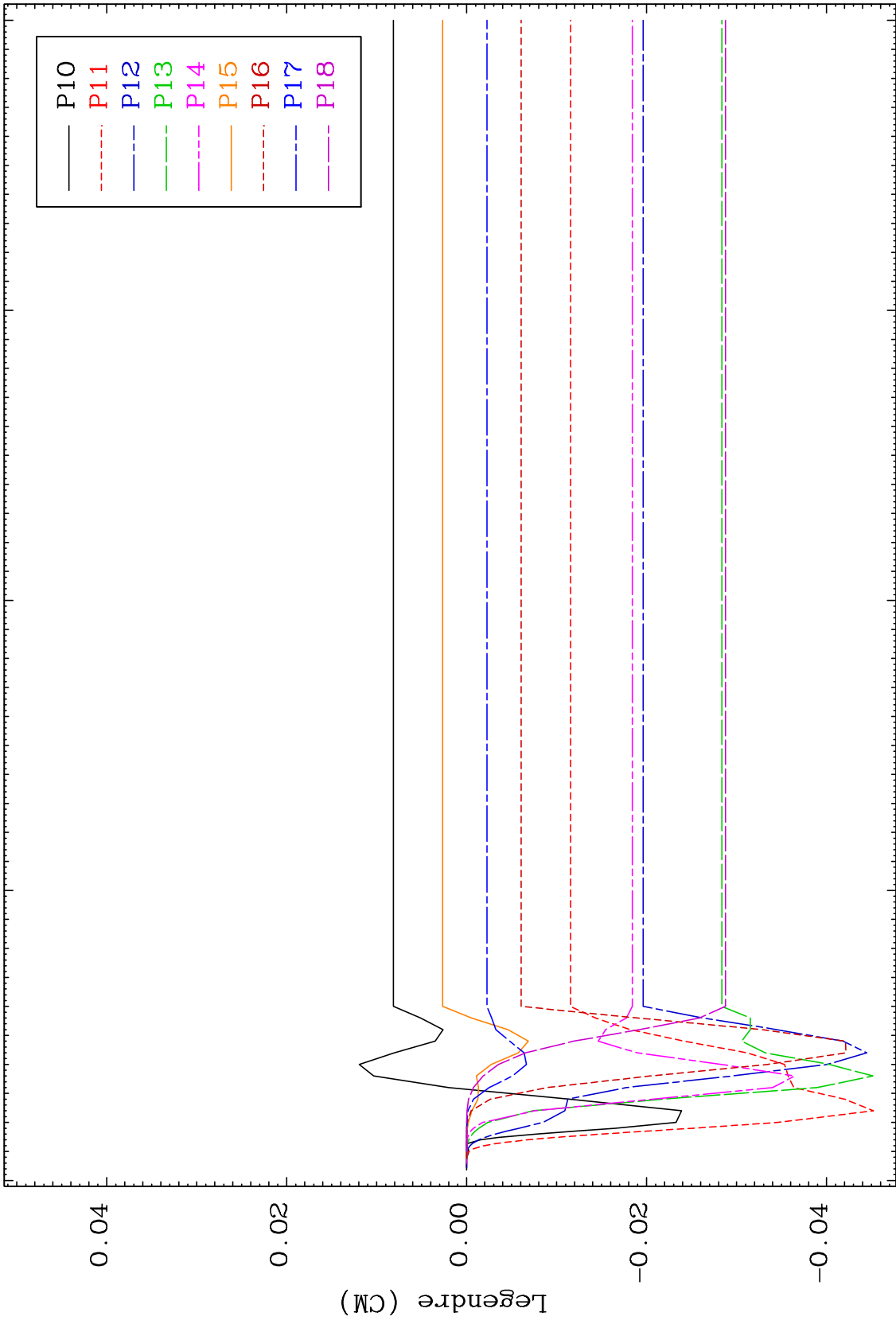
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

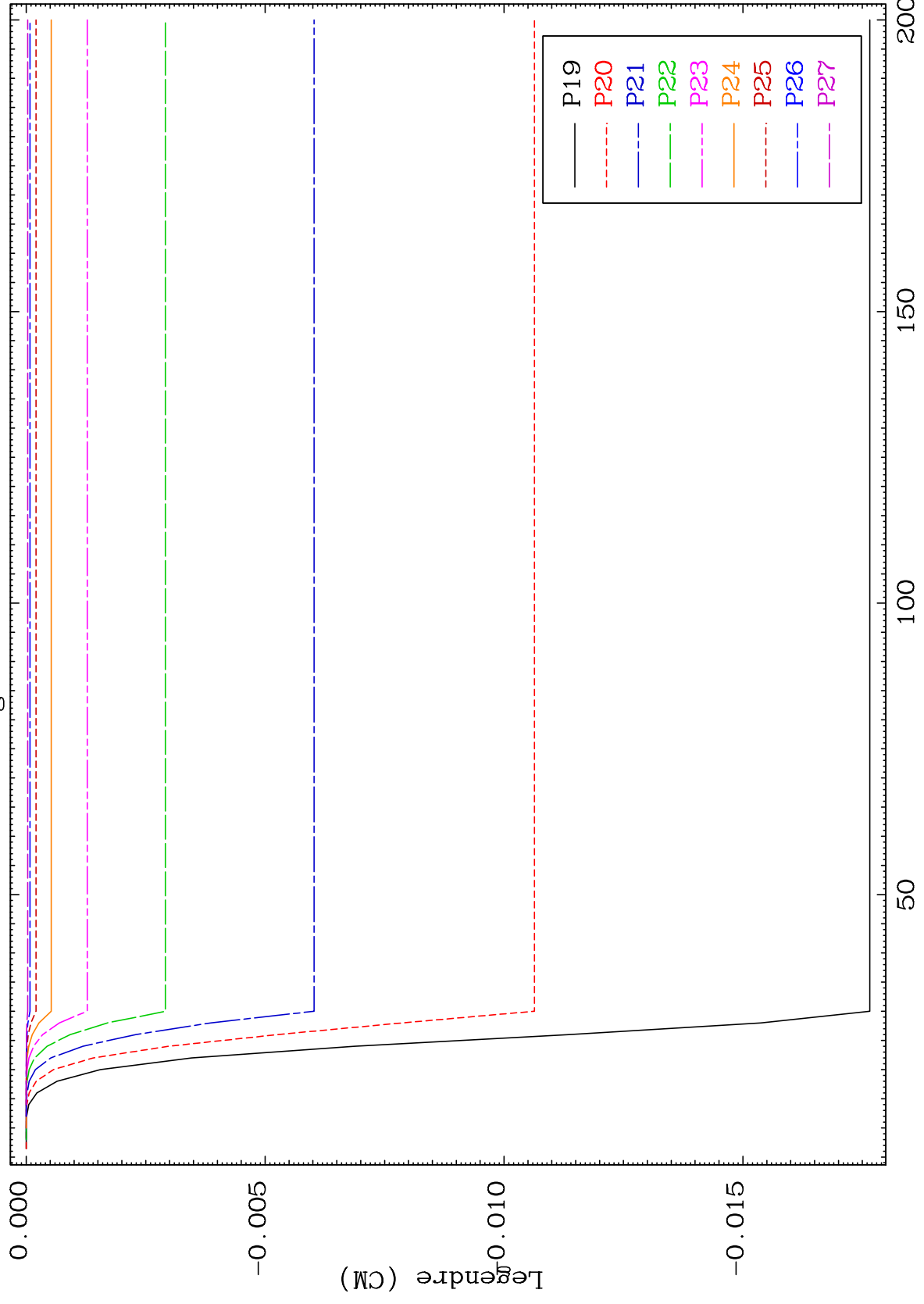
60-Nd-148



60-Nd-148

Incident Energy (MeV)

MAT 6043 MT= 61 (n,n') Level Legendre Coefficients 60-Nd-148

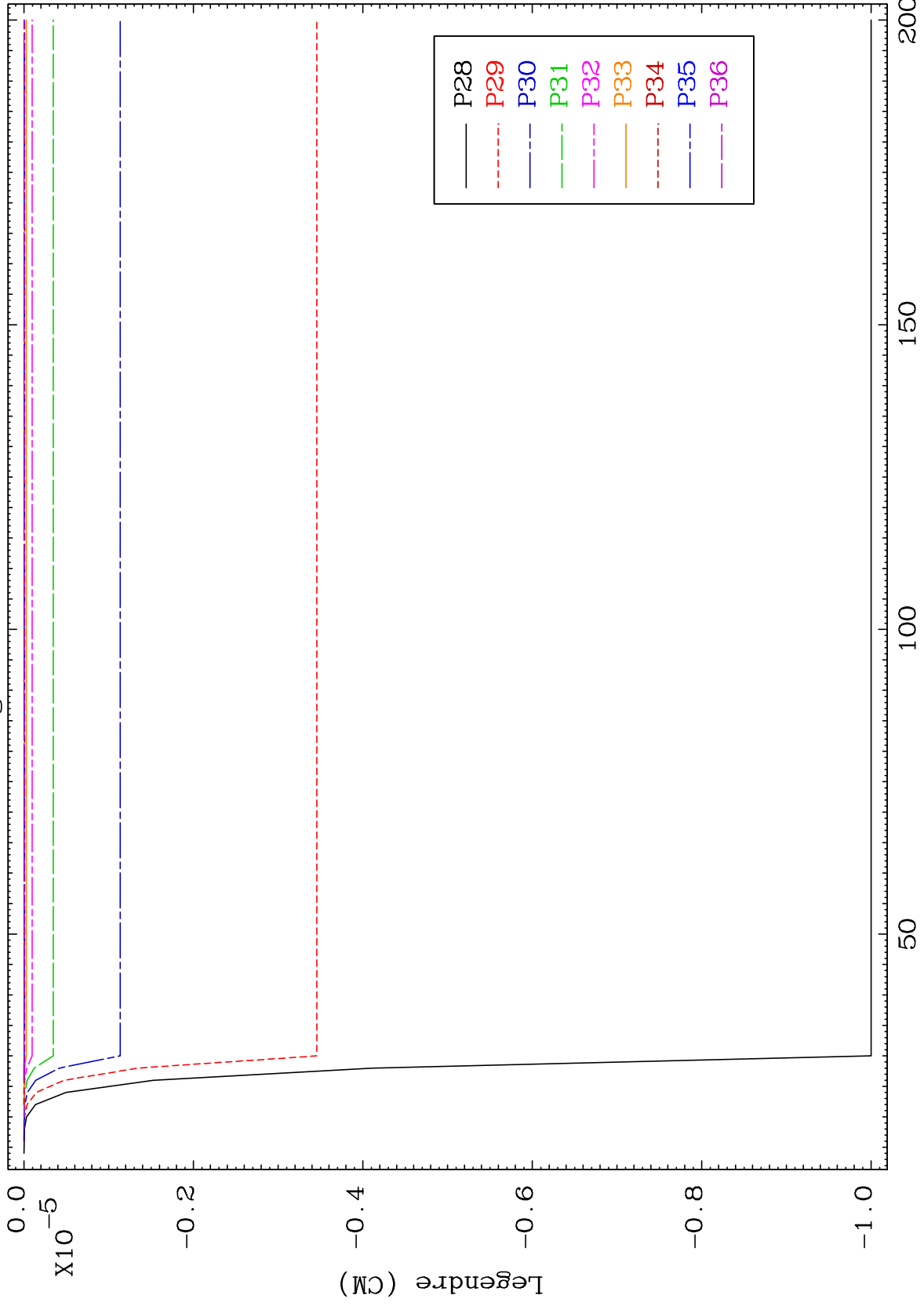


61 60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

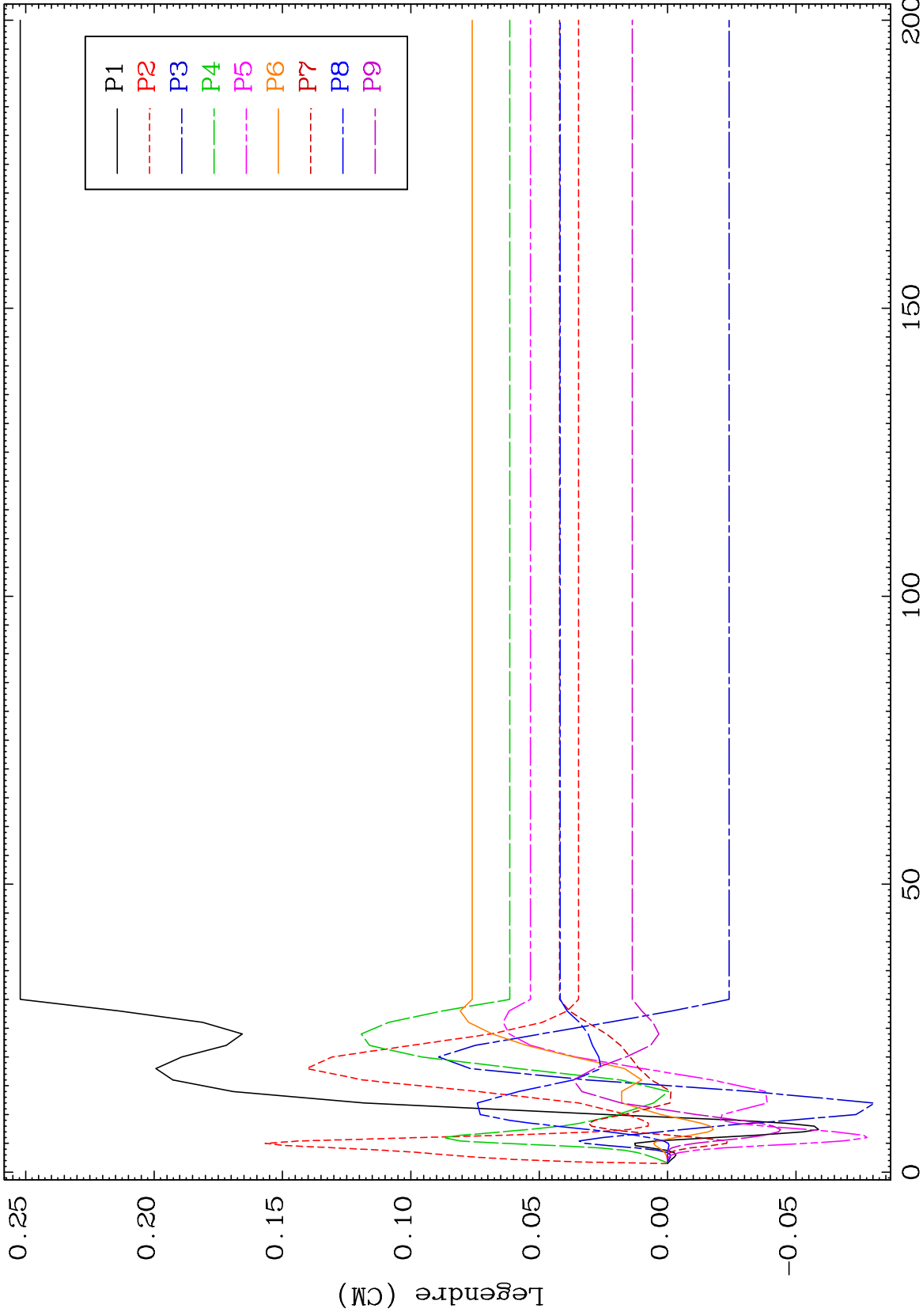
Incident Energy (MeV)

62

MAT 6043

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

60-Nd-148



63

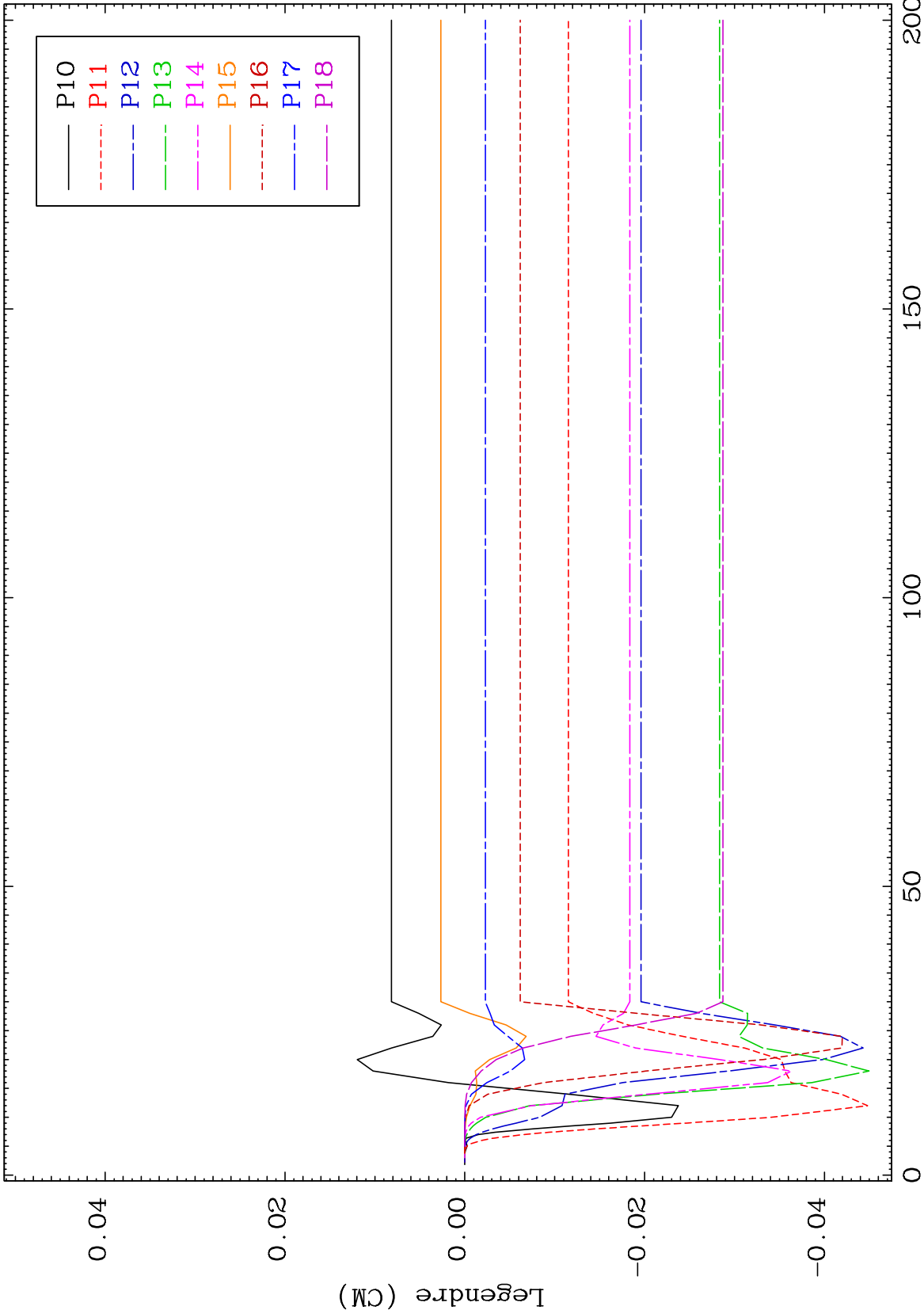
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148

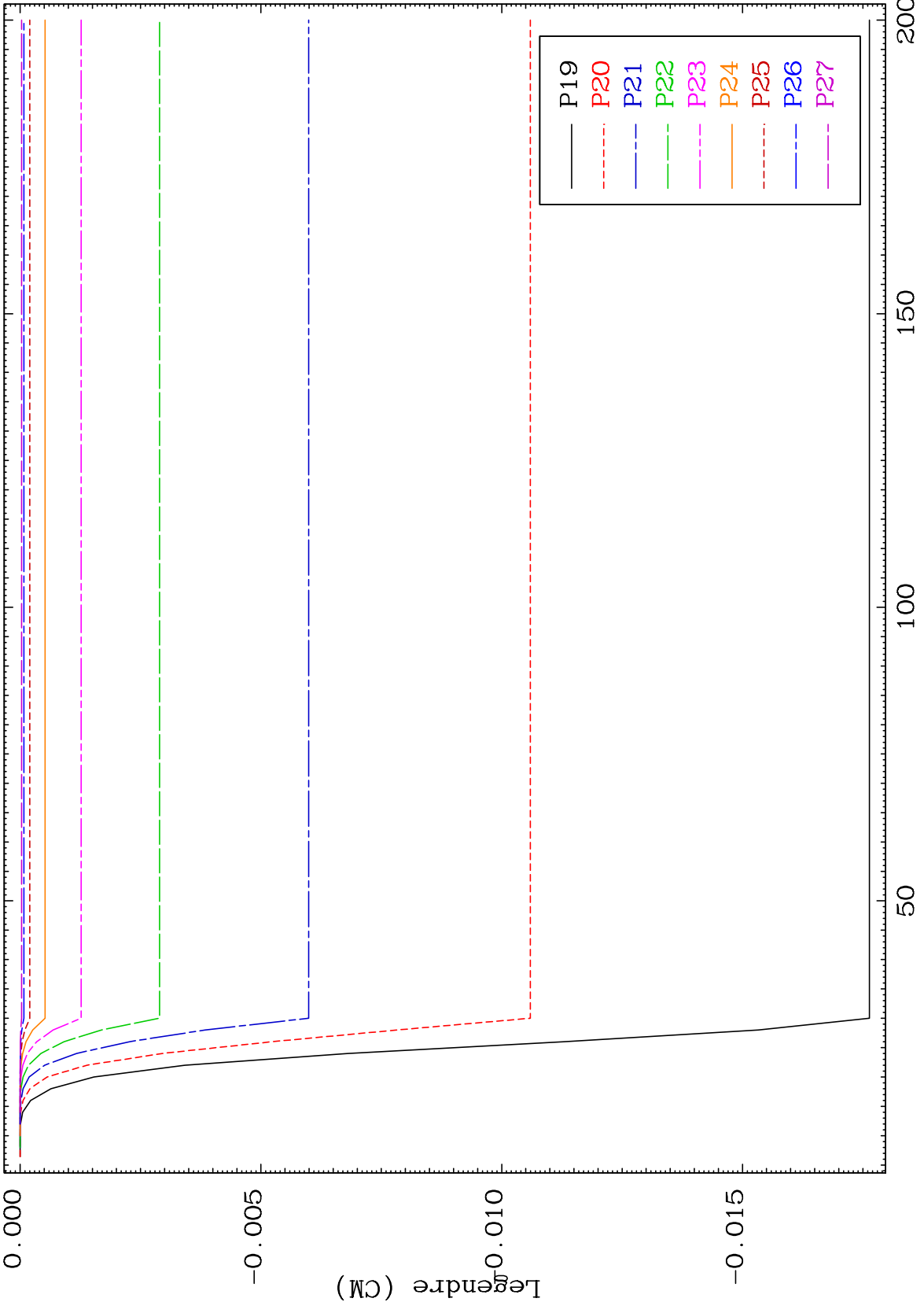


64

Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 62 (n,n') Level Legendre Coefficients 60-Nd-148

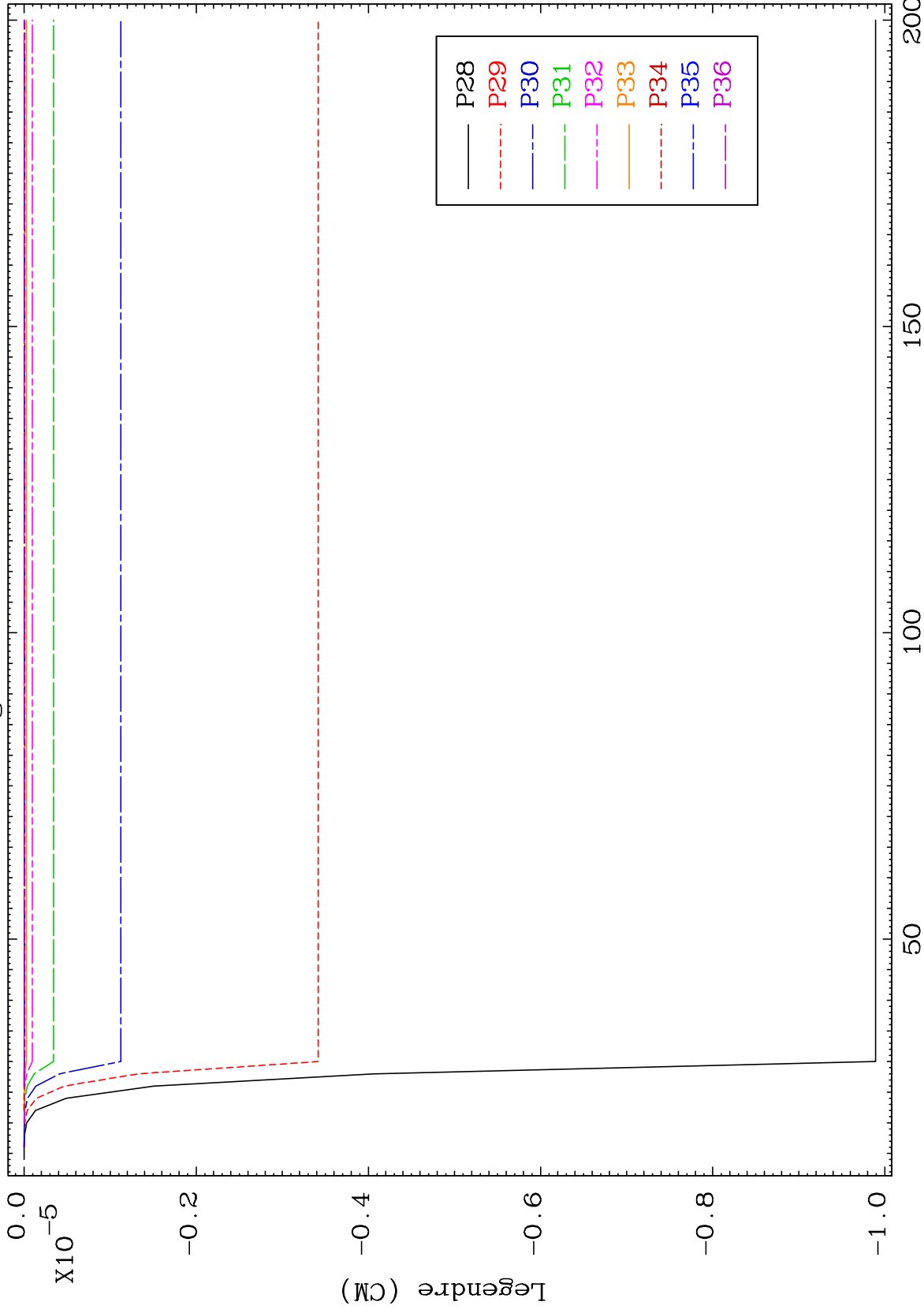


65 60-Nd-148

MAT 6043

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

60-Nd-148

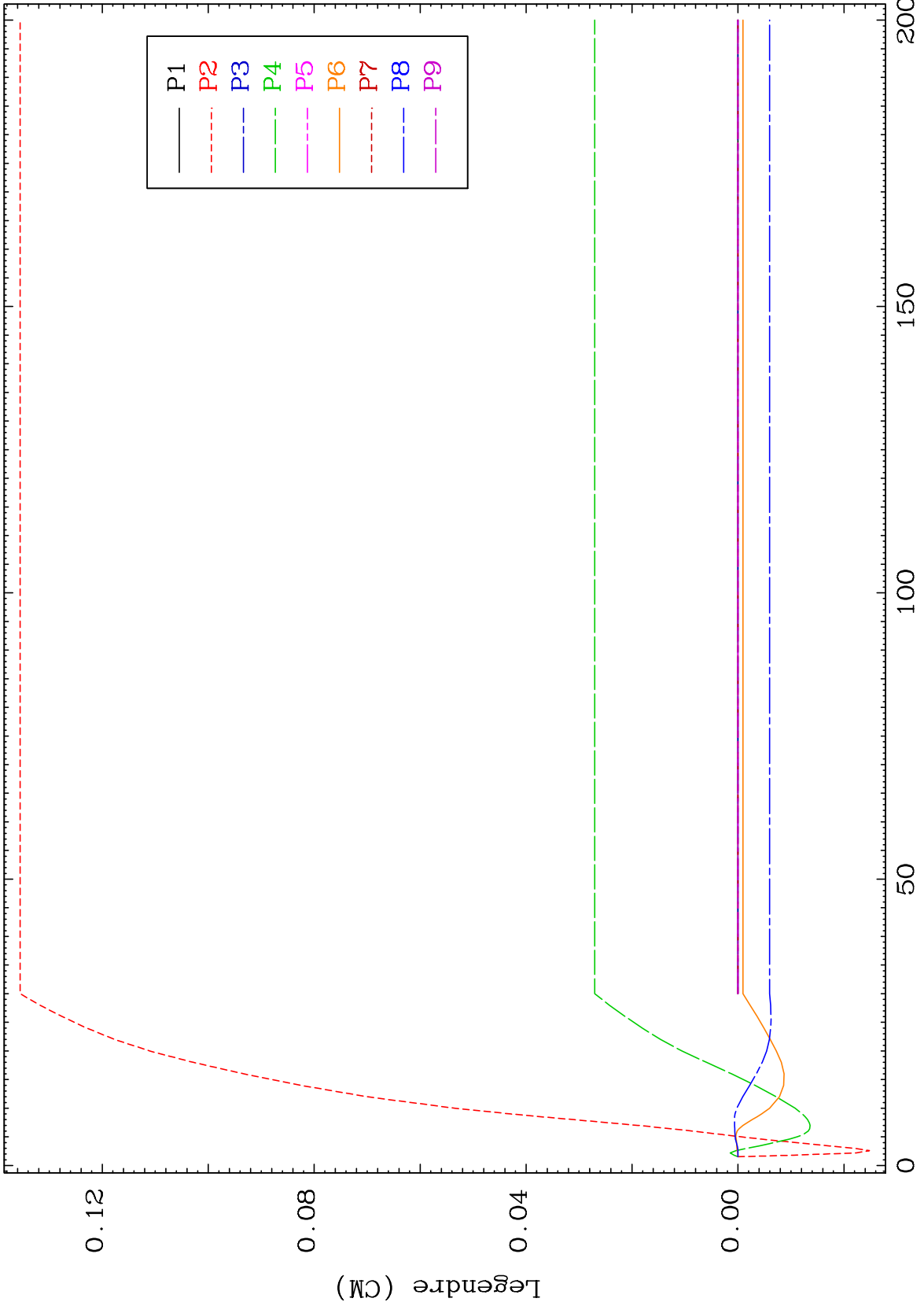


60-Nd-148

Incident Energy (MeV)

66

MAT 6043 MT= 63 (n,n') Level Legendre Coefficients 60-Nd-148

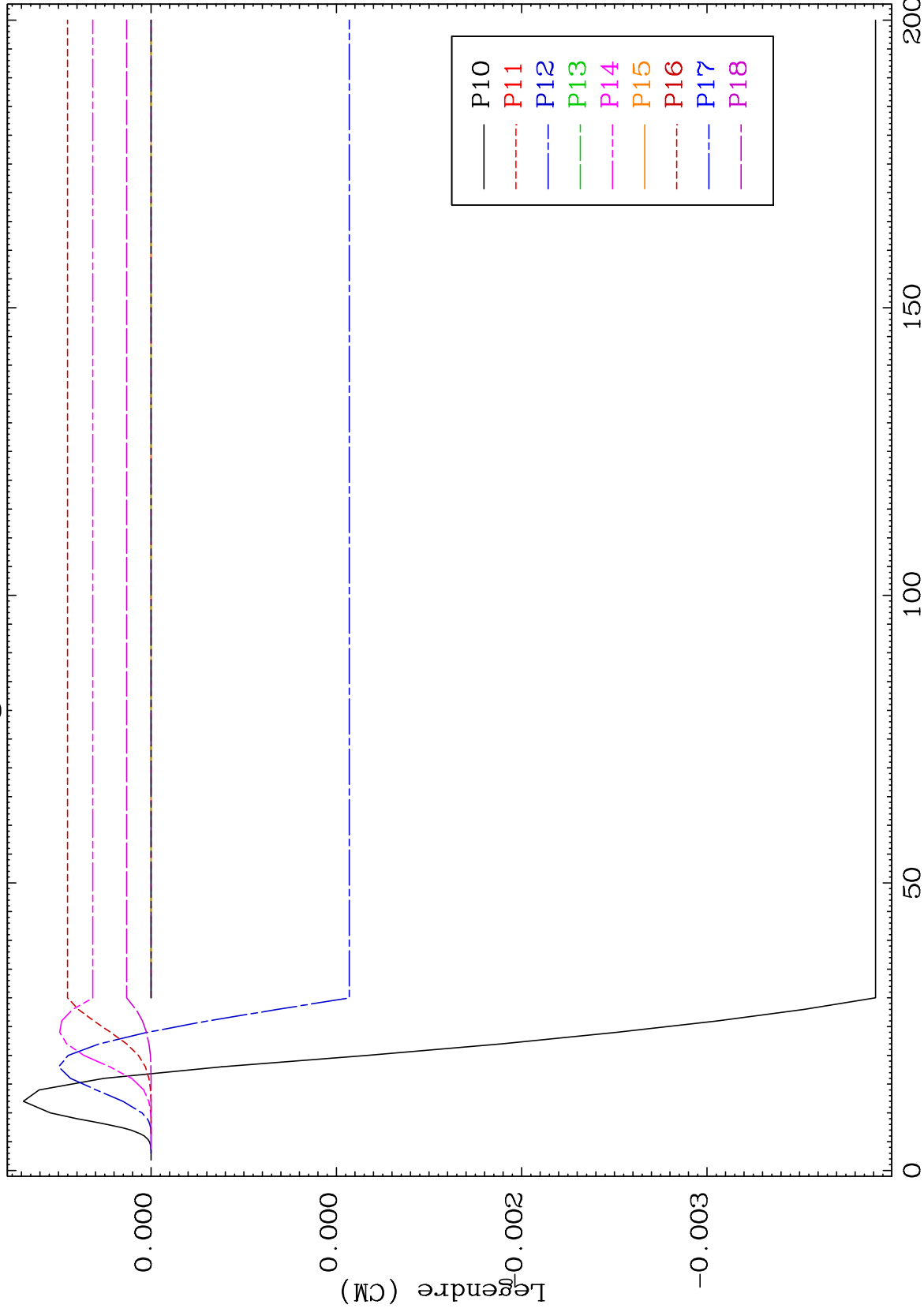


67 Incident Energy (MeV) 60-Nd-148

MAT 6043

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

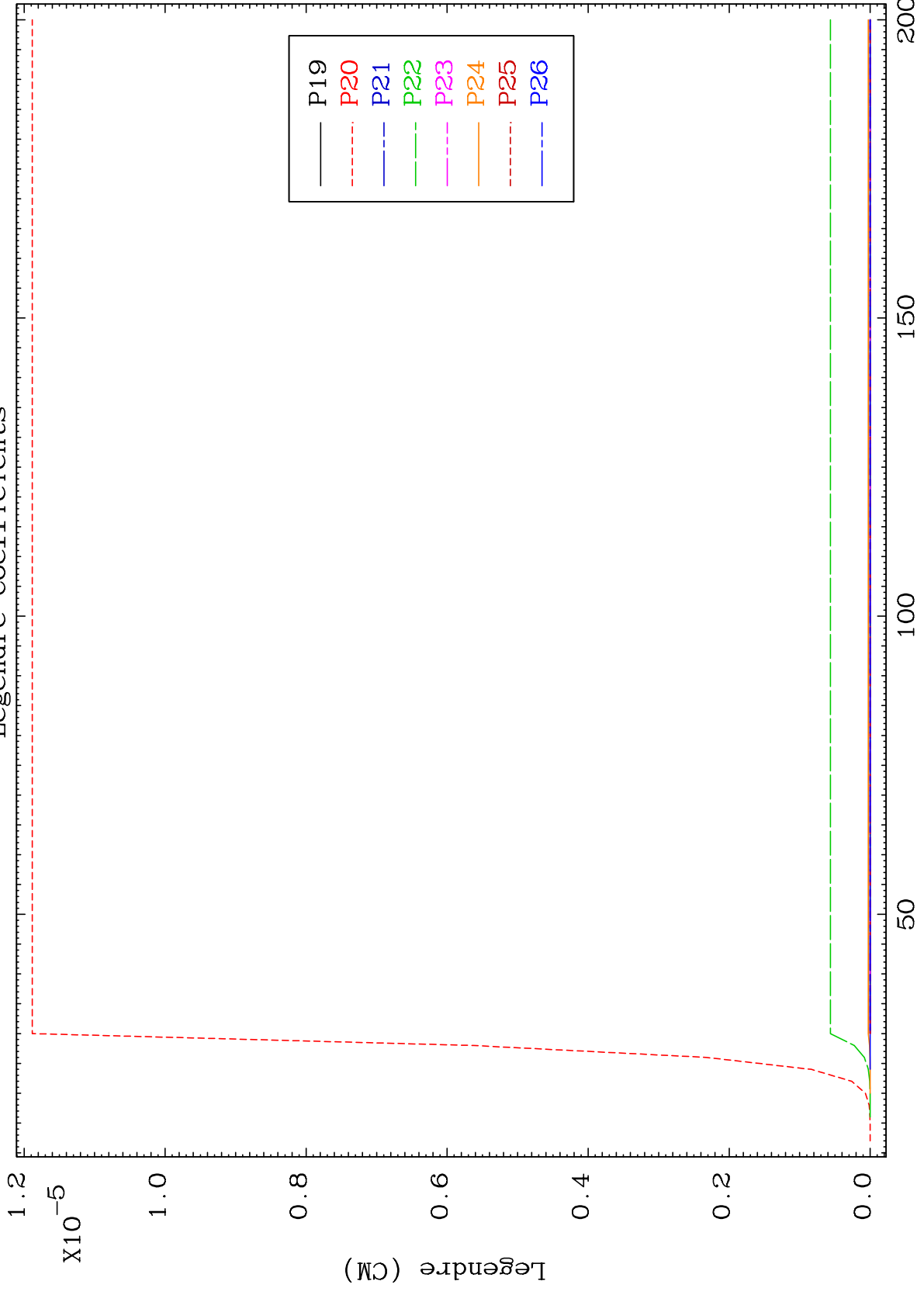
60-Nd-148



68

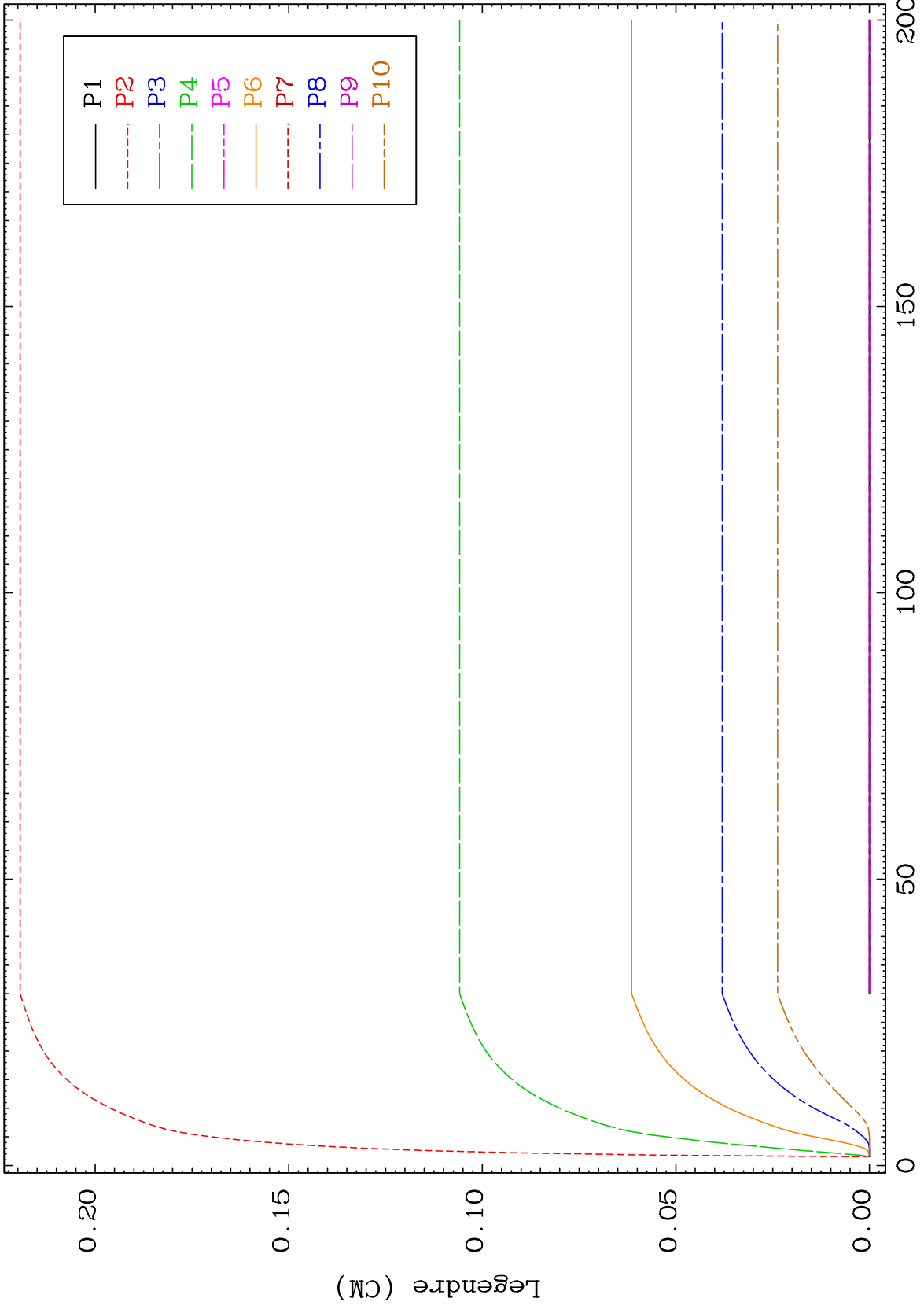
60-Nd-148

MAT 6043 MT= 63 (n,n') Level Legendre Coefficients 60-Nd-148



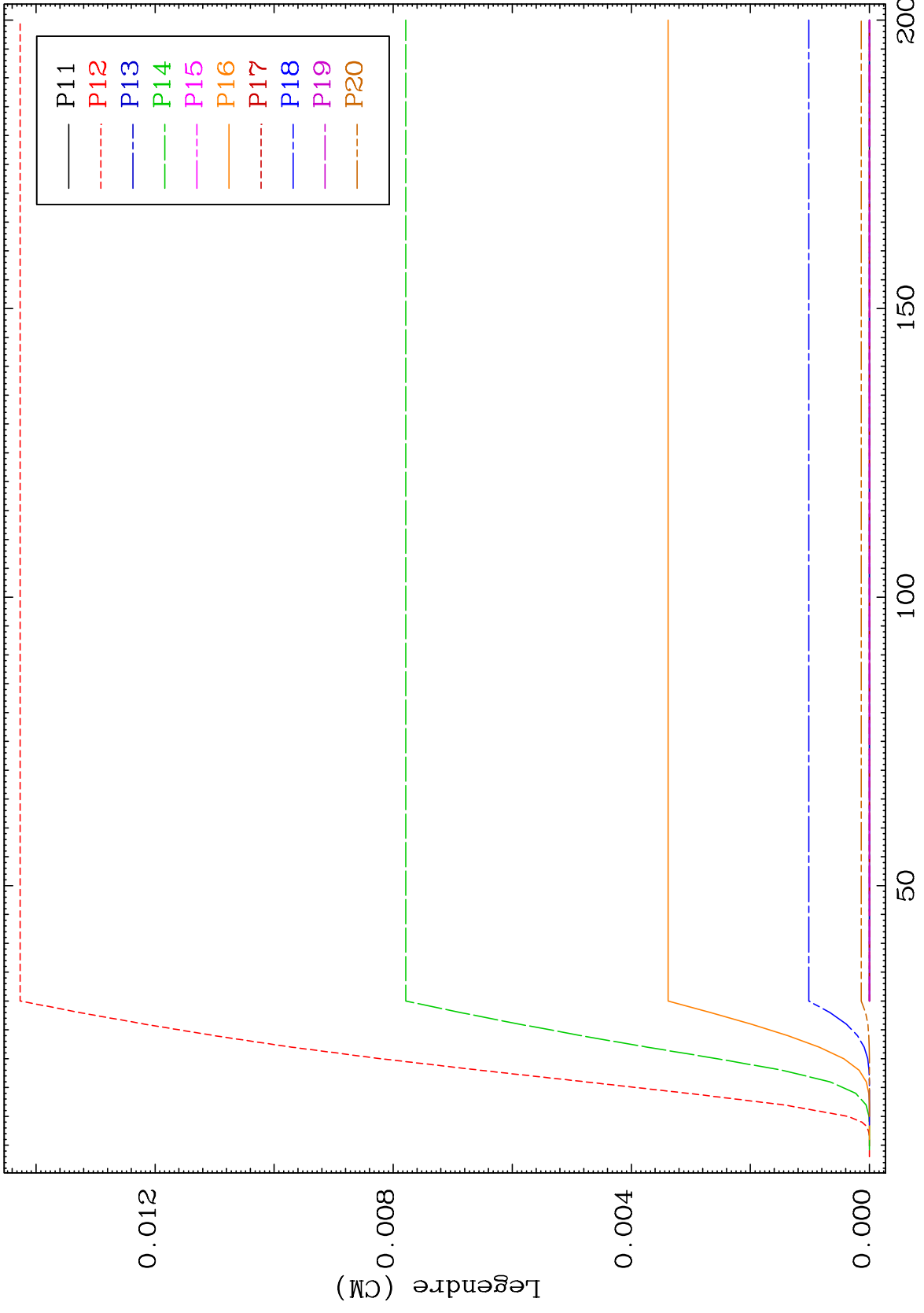
69 Incident Energy (MeV) 60-Nd-148

MAT 6043 MT= 64 (n,n') Level Legendre Coefficients 60-Nd-148

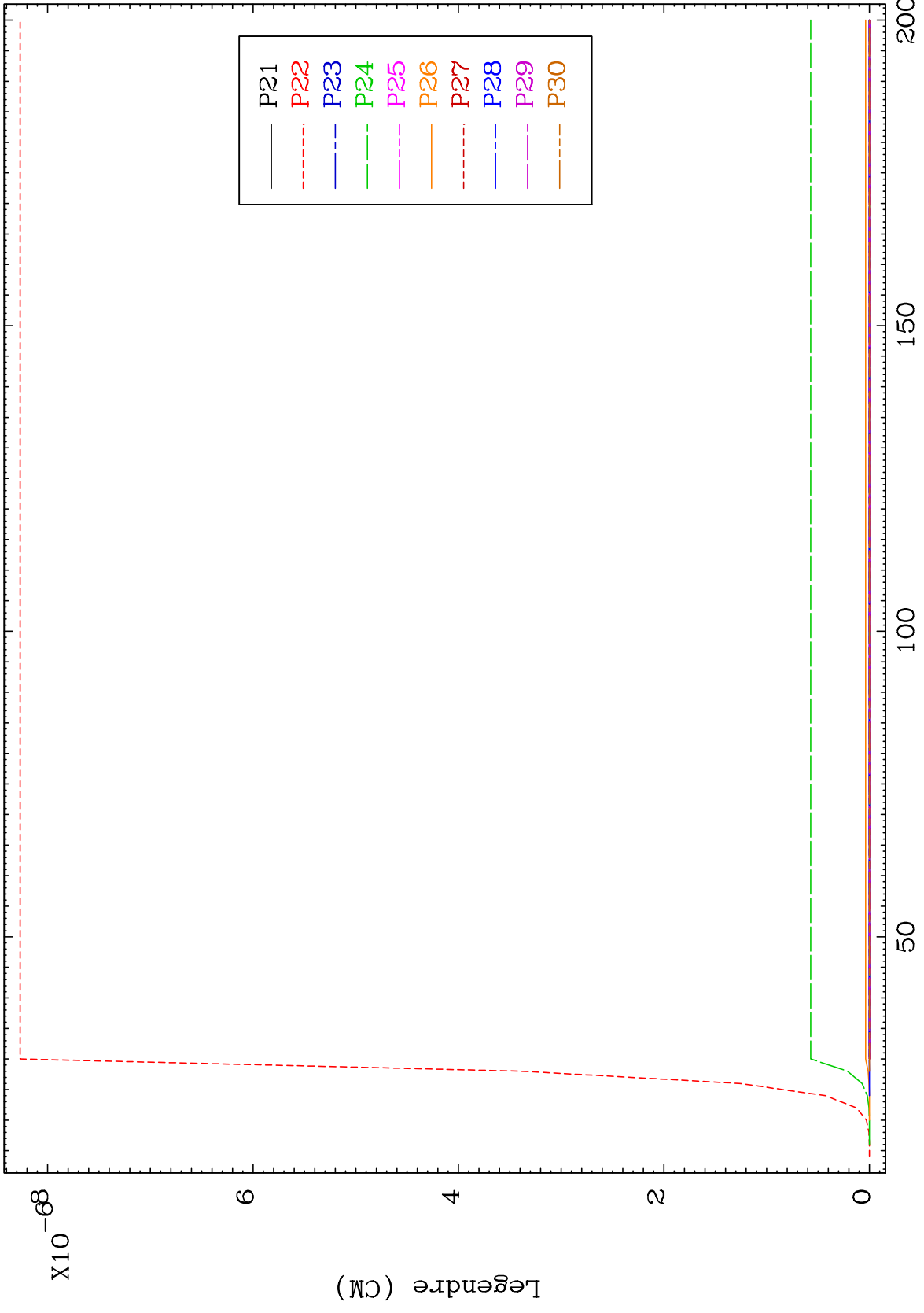


60-Nd-148

MAT 6043 MT= 64 (n,n') Level Legendre Coefficients 60-Nd-148

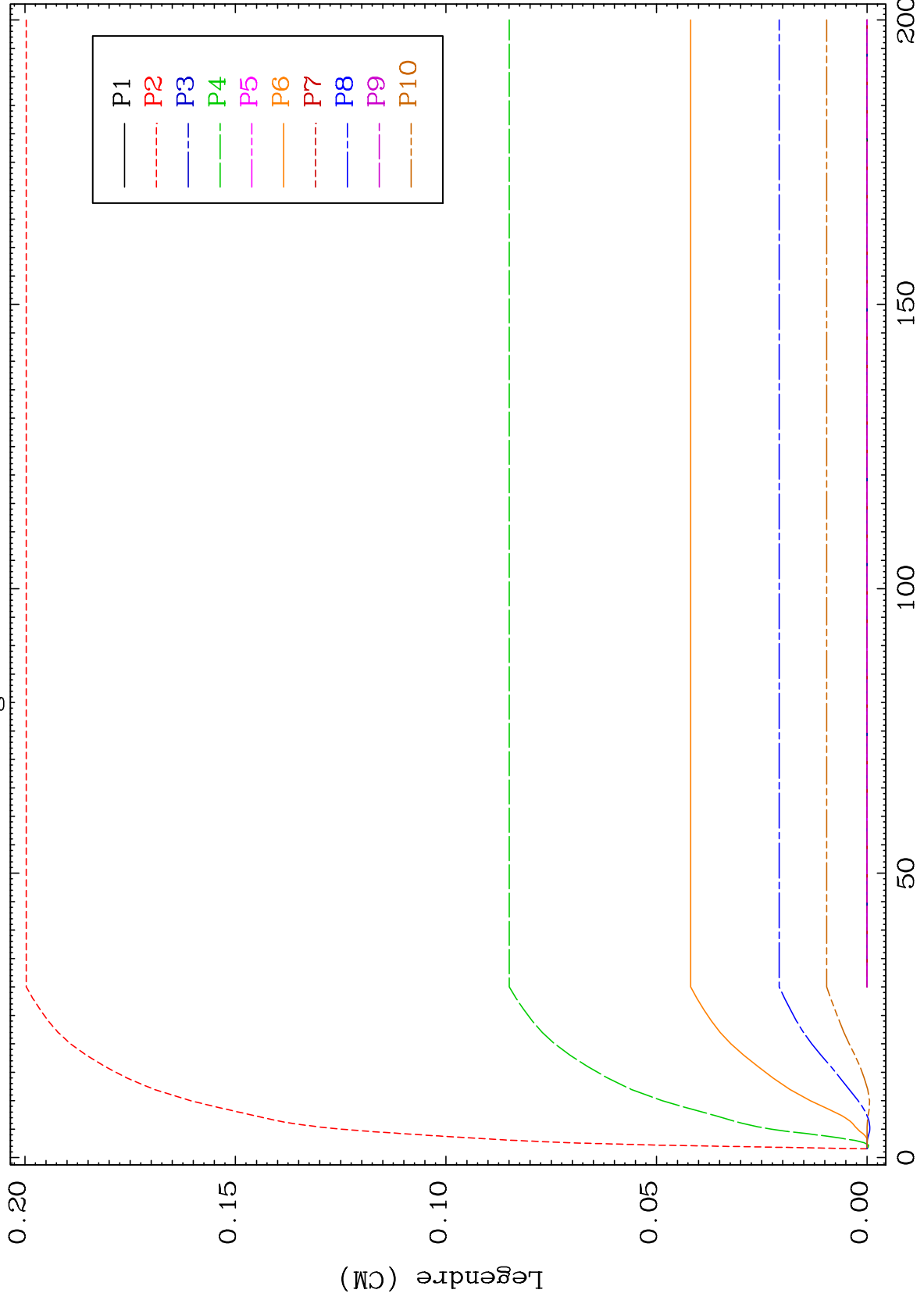


MAT 6043 MT= 64 (n,n') Level Legendre Coefficients 60-Nd-148



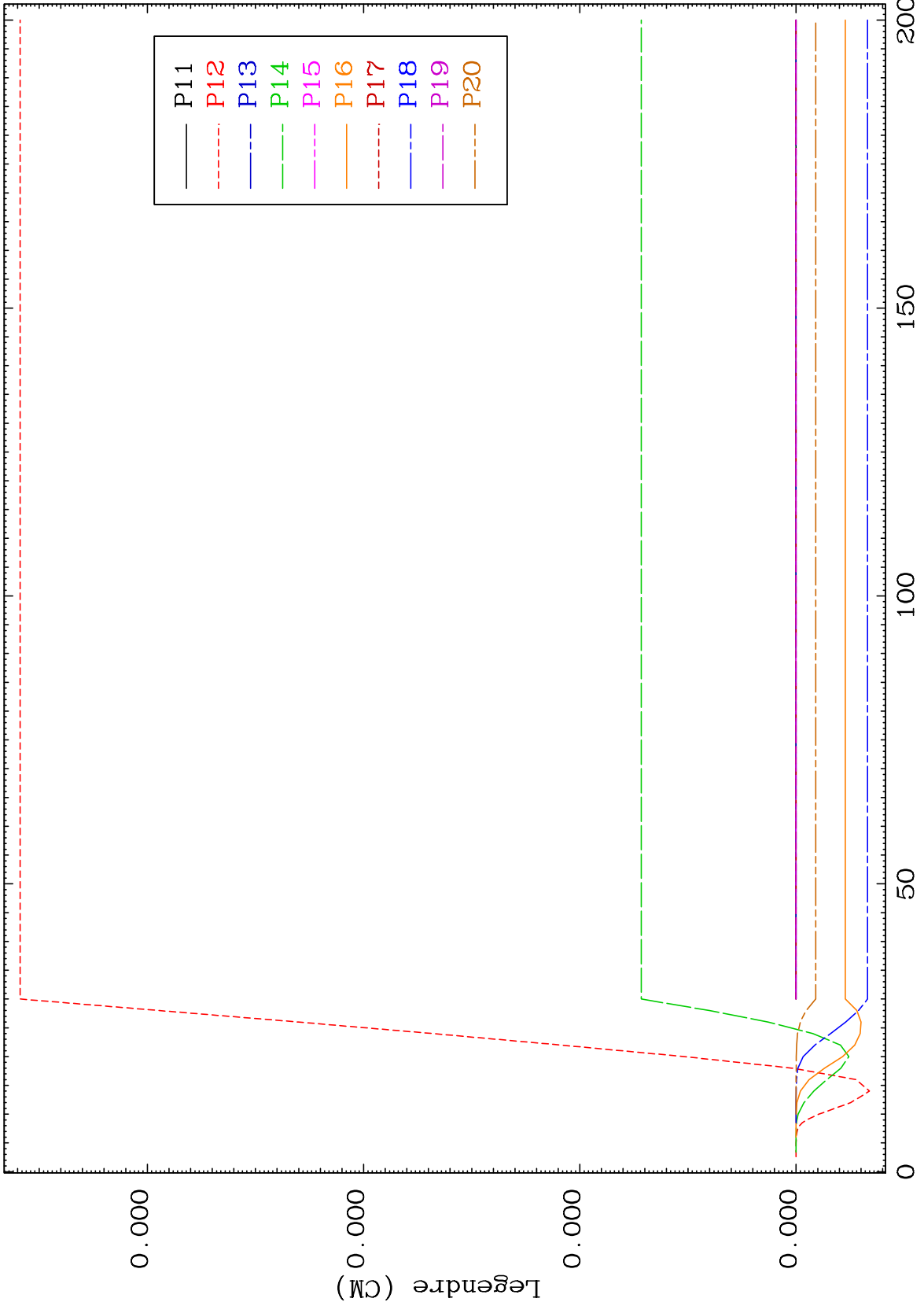
72 Incident Energy (MeV) 60-Nd-148

MAT 6043 MT= 65 (n,n') Level Legendre Coefficients 60-Nd-148



73 Incident Energy (MeV) 60-Nd-148

MAT 6043 MT= 65 (n,n') Level Legendre Coefficients 60-Nd-148

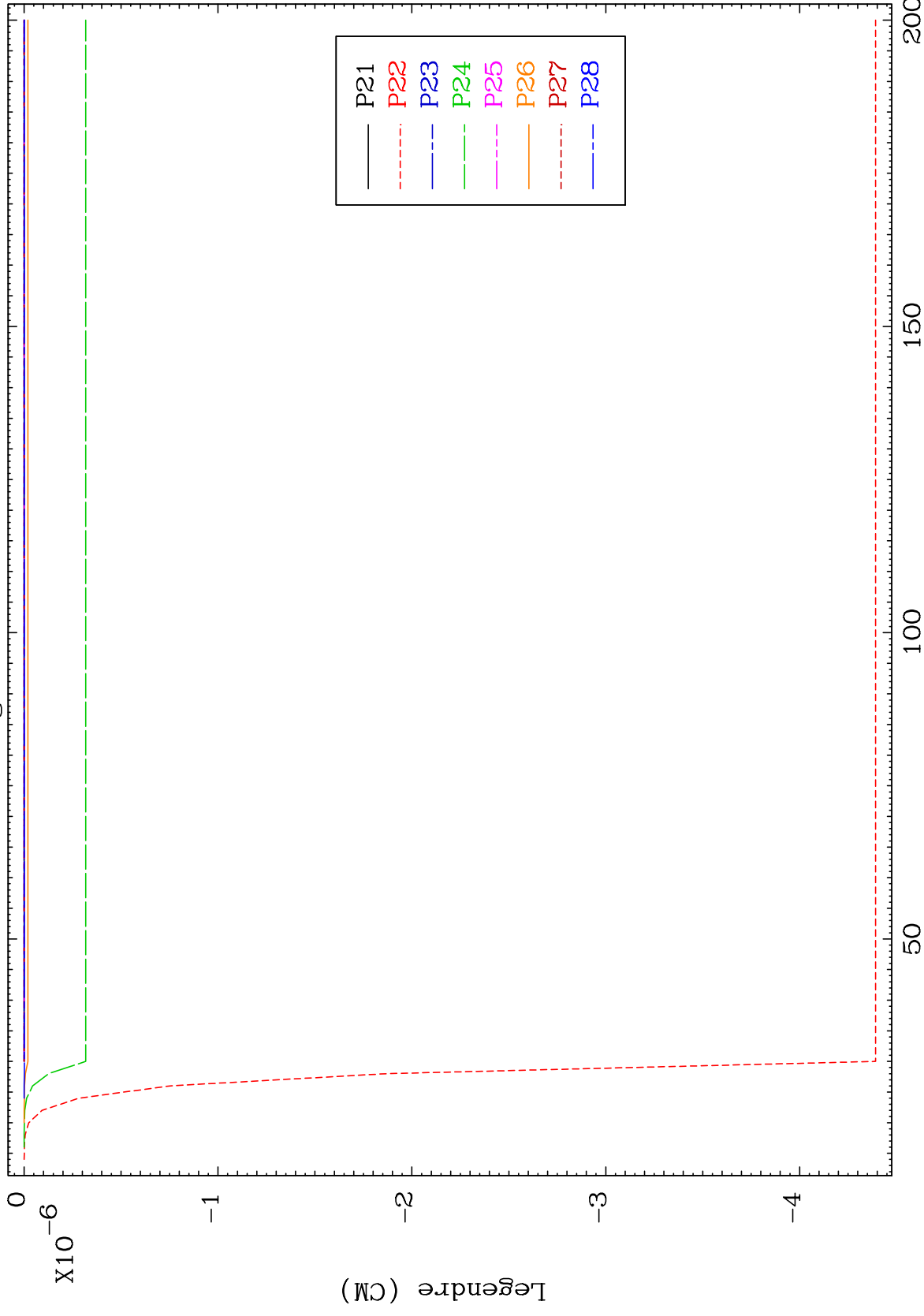


74 60-Nd-148

MAT 6043

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

60-Nd-148

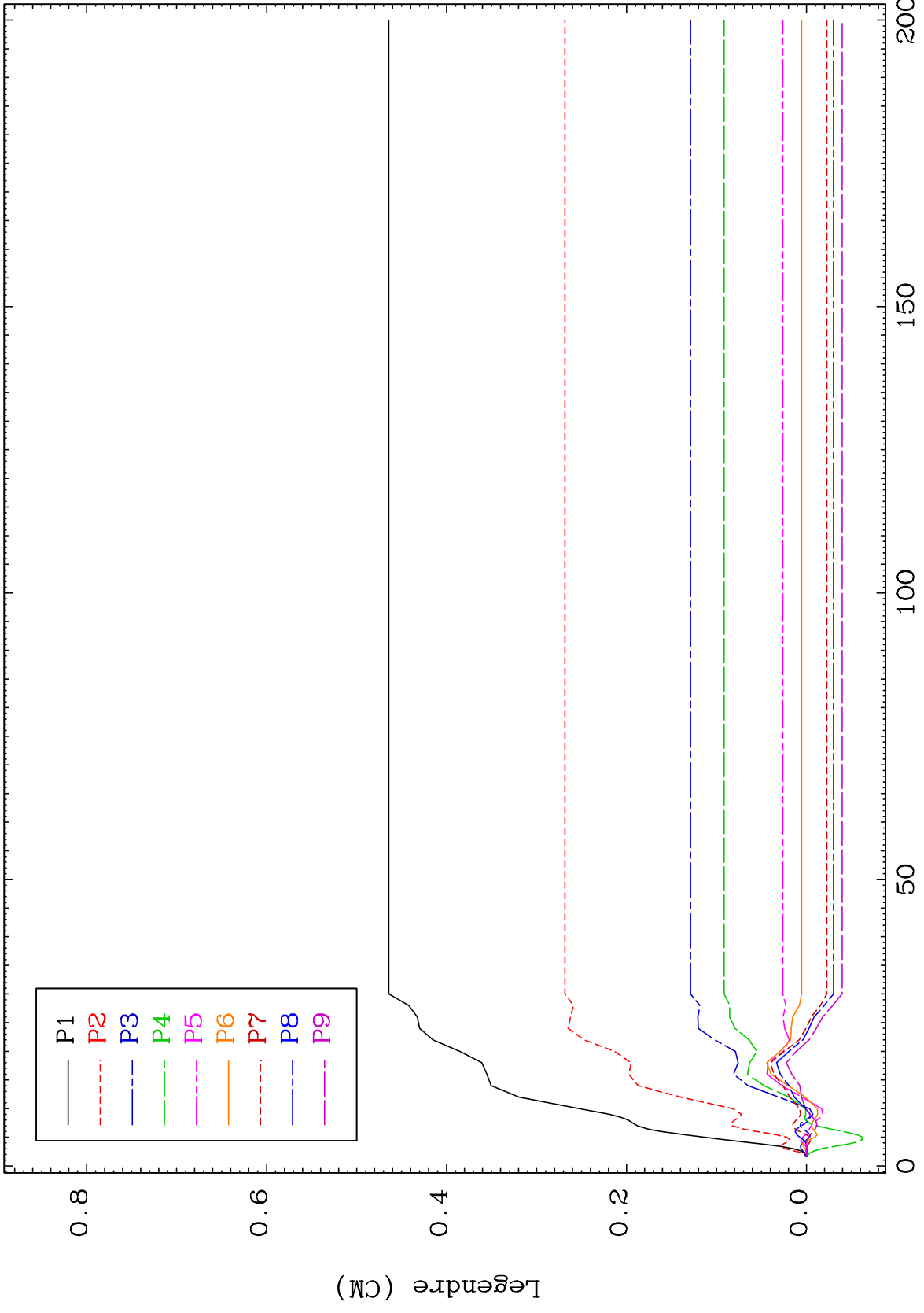


60-Nd-148

Incident Energy (MeV)

75

MAT 6043 MT= 66 (n,n') Level Legendre Coefficients 60-Nd-148

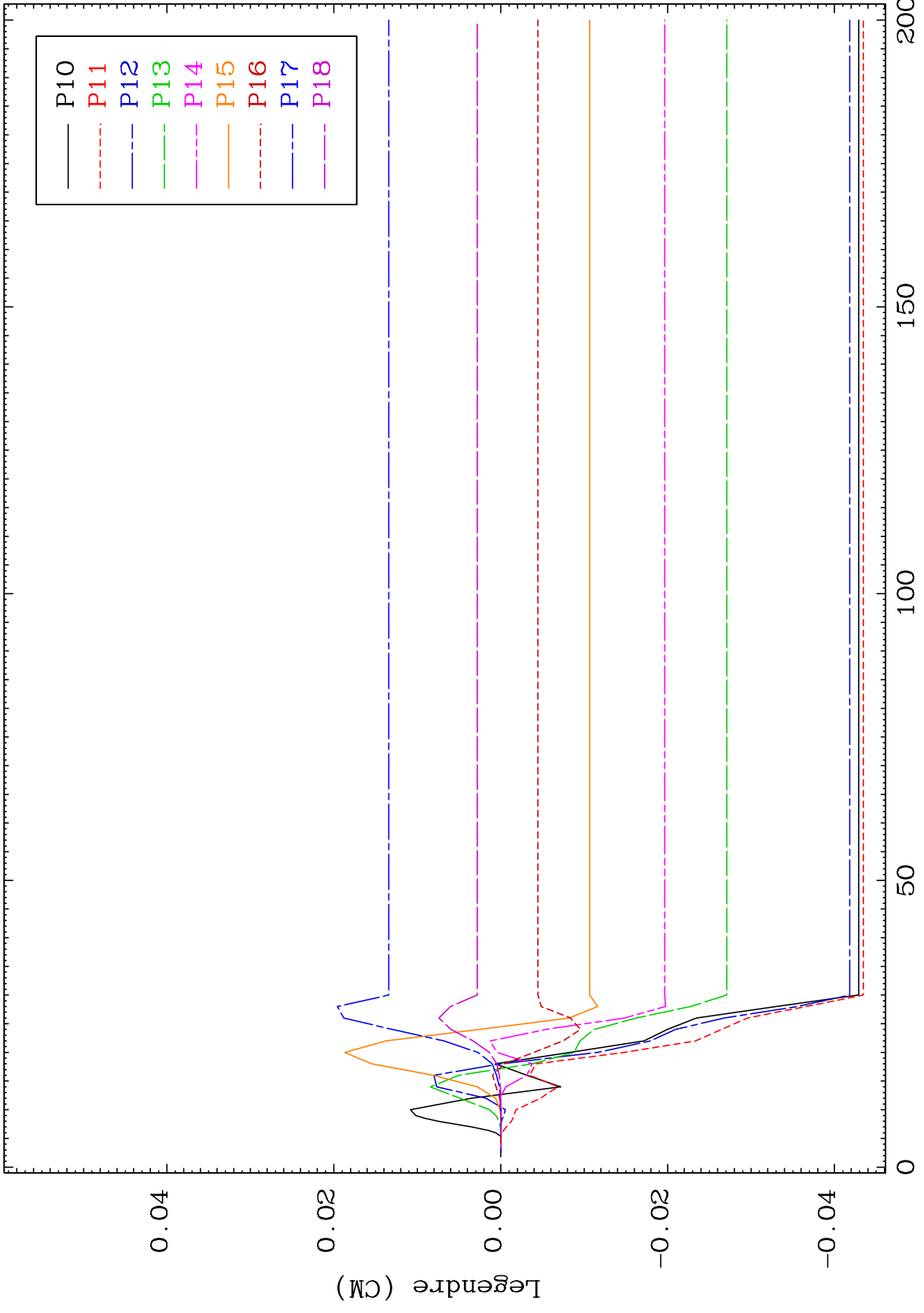


76 60-Nd-148

MAT 6043

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

60-Nd-148



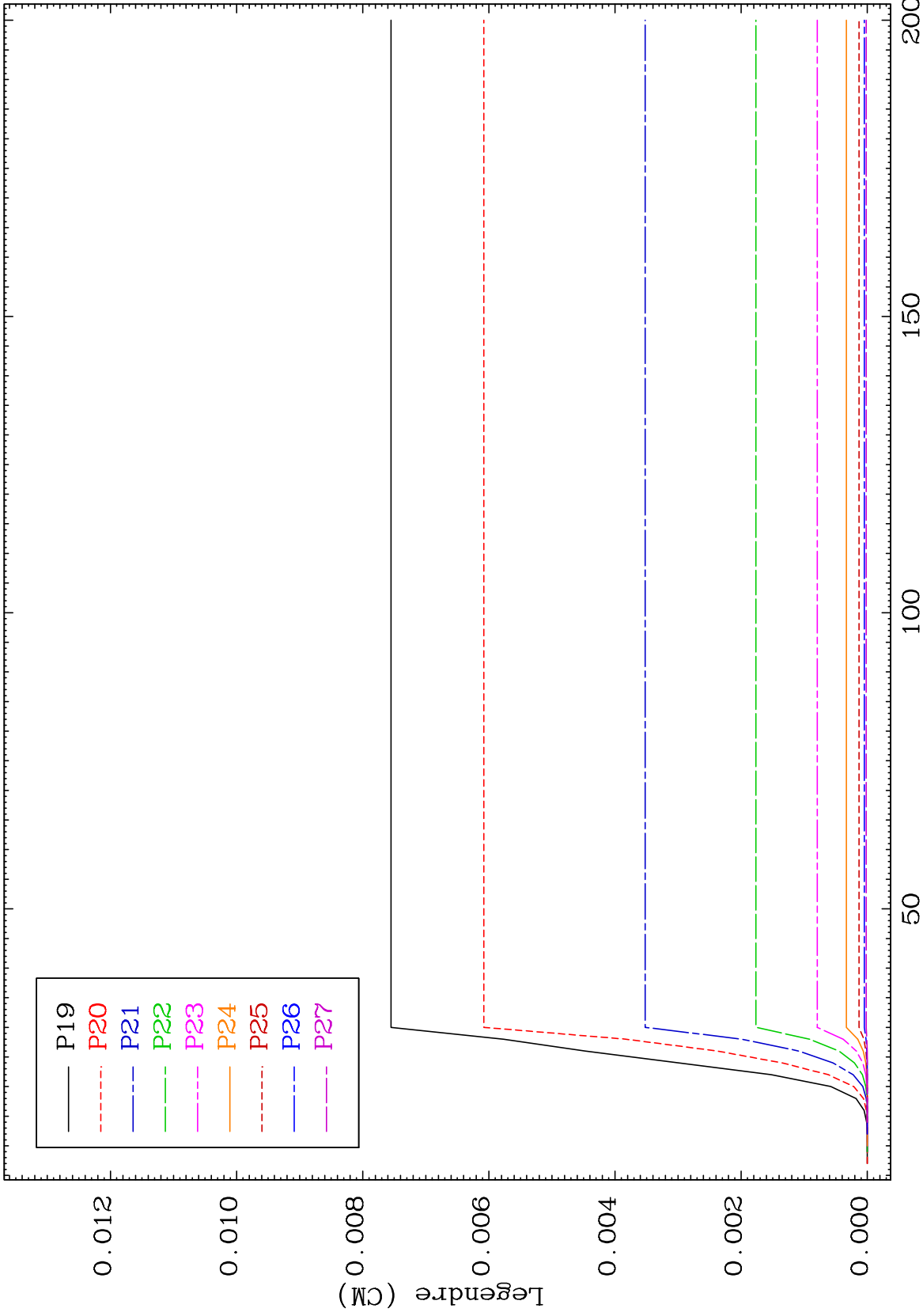
77

60-Nd-148

MAT 6043

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

60-Nd-148



78

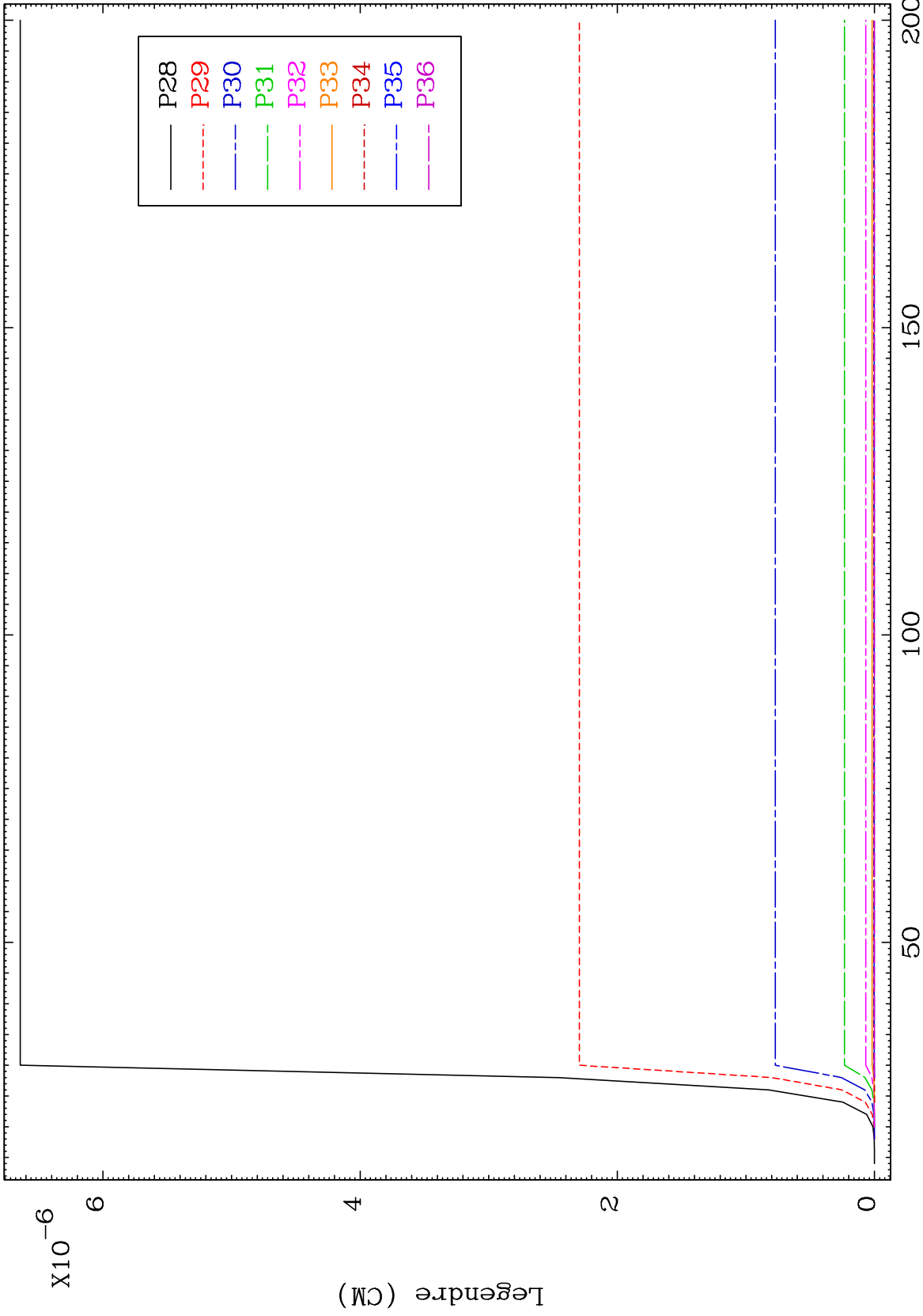
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

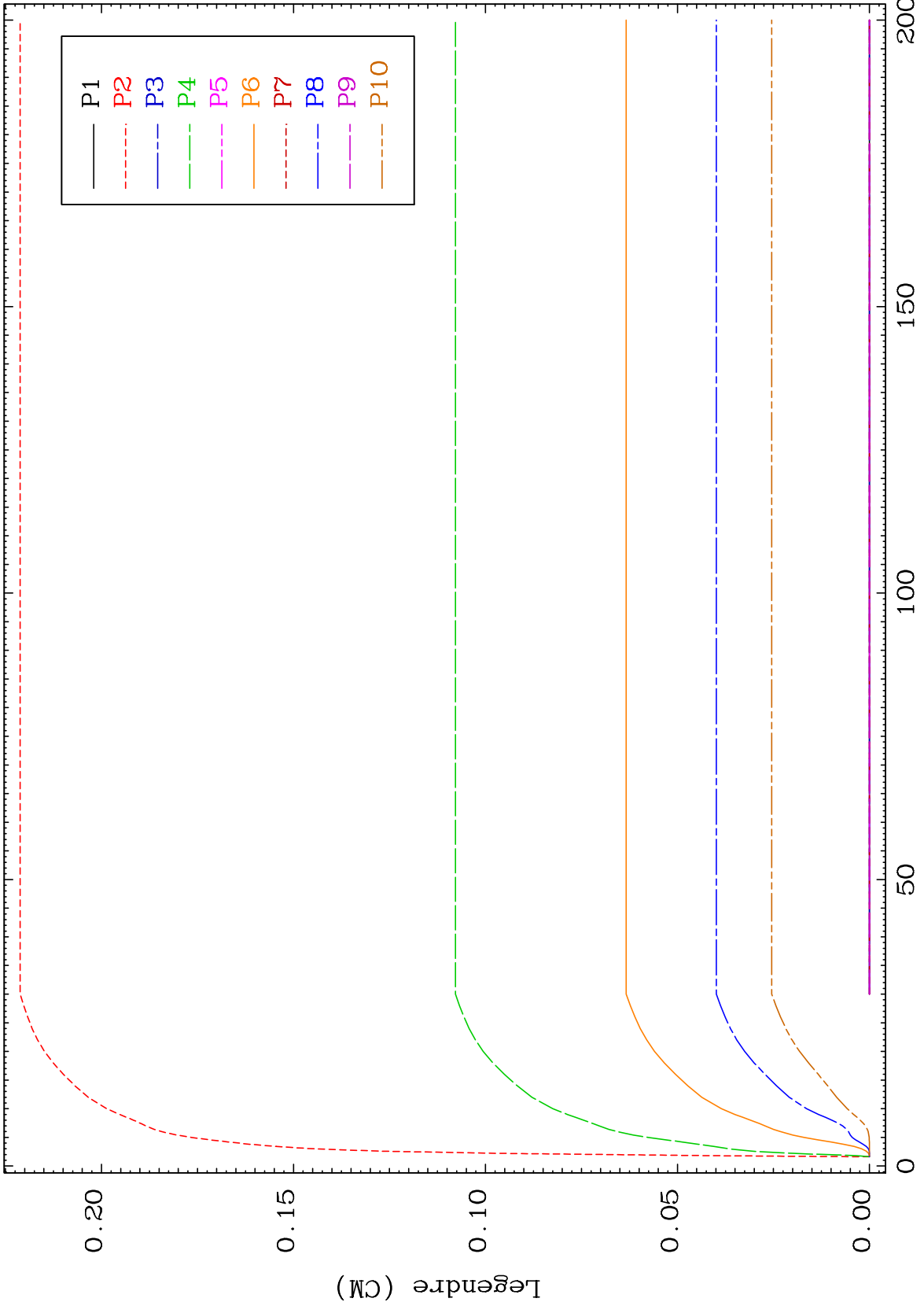
60-Nd-148



79

60-Nd-148

MAT 6043 MT= 67 (n,n') Level Legendre Coefficients 60-Nd-148

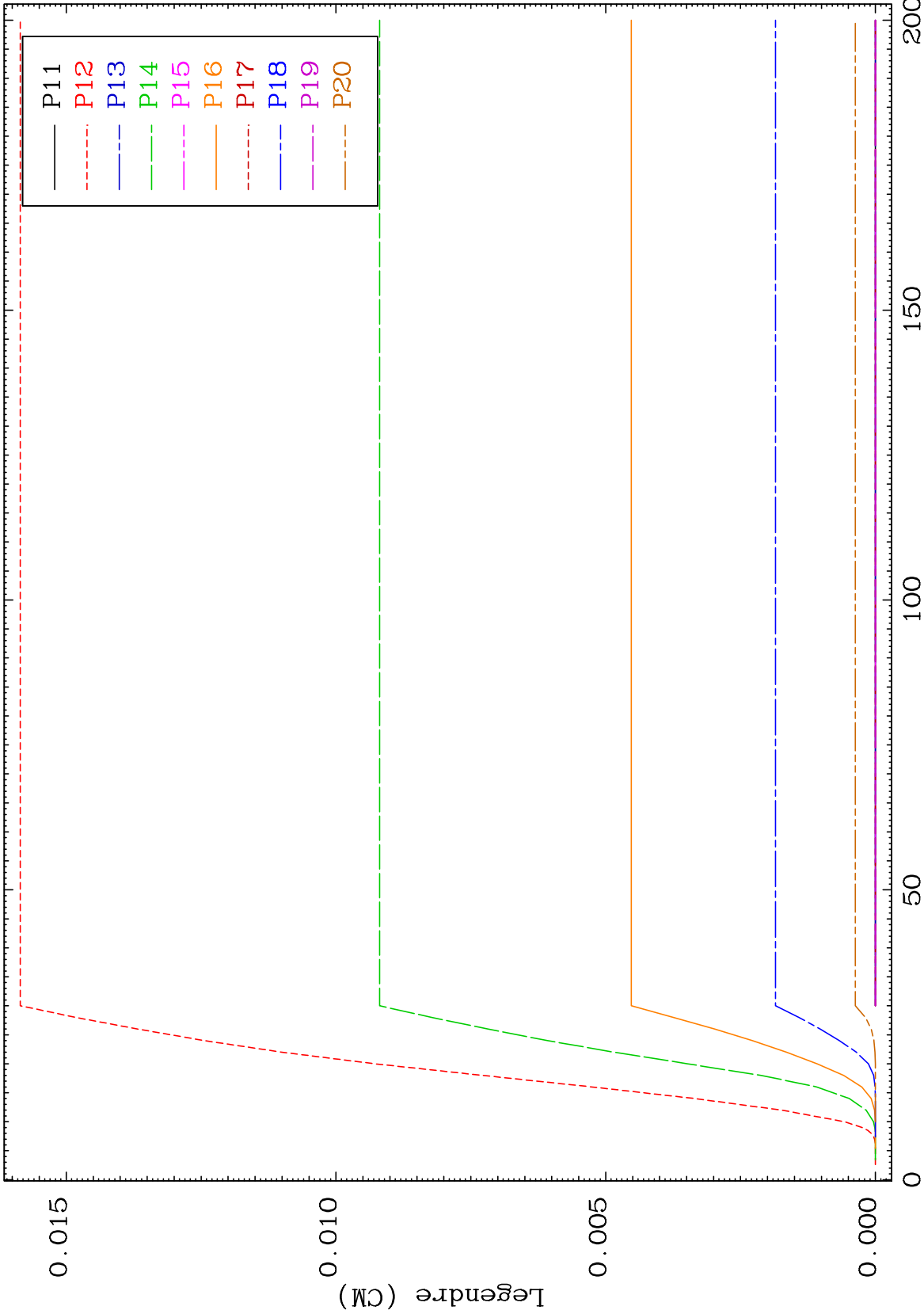


60-Nd-148

MAT 6043

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

60-Nd-148

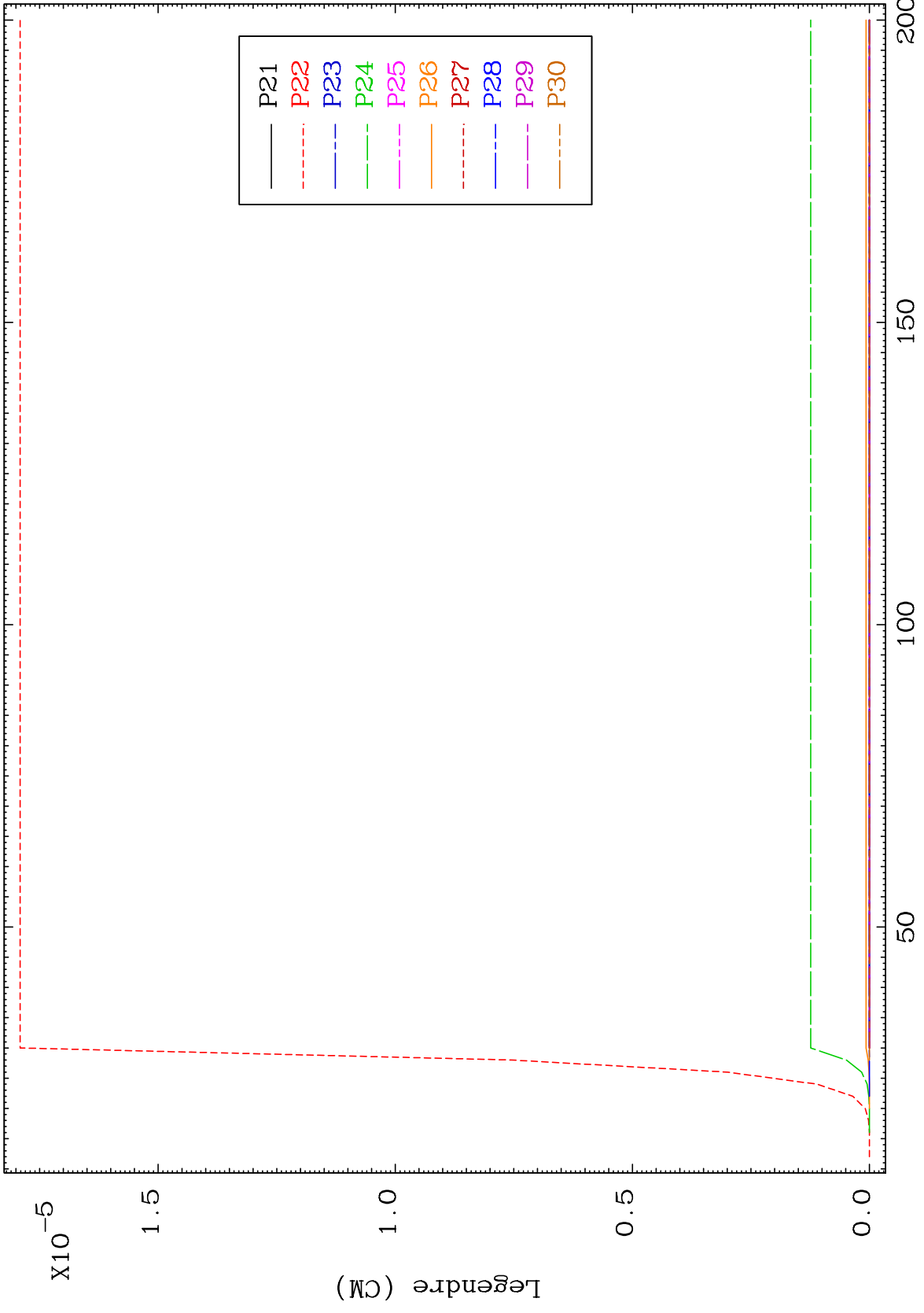


81

Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 67 (n,n') Level Legendre Coefficients 60-Nd-148

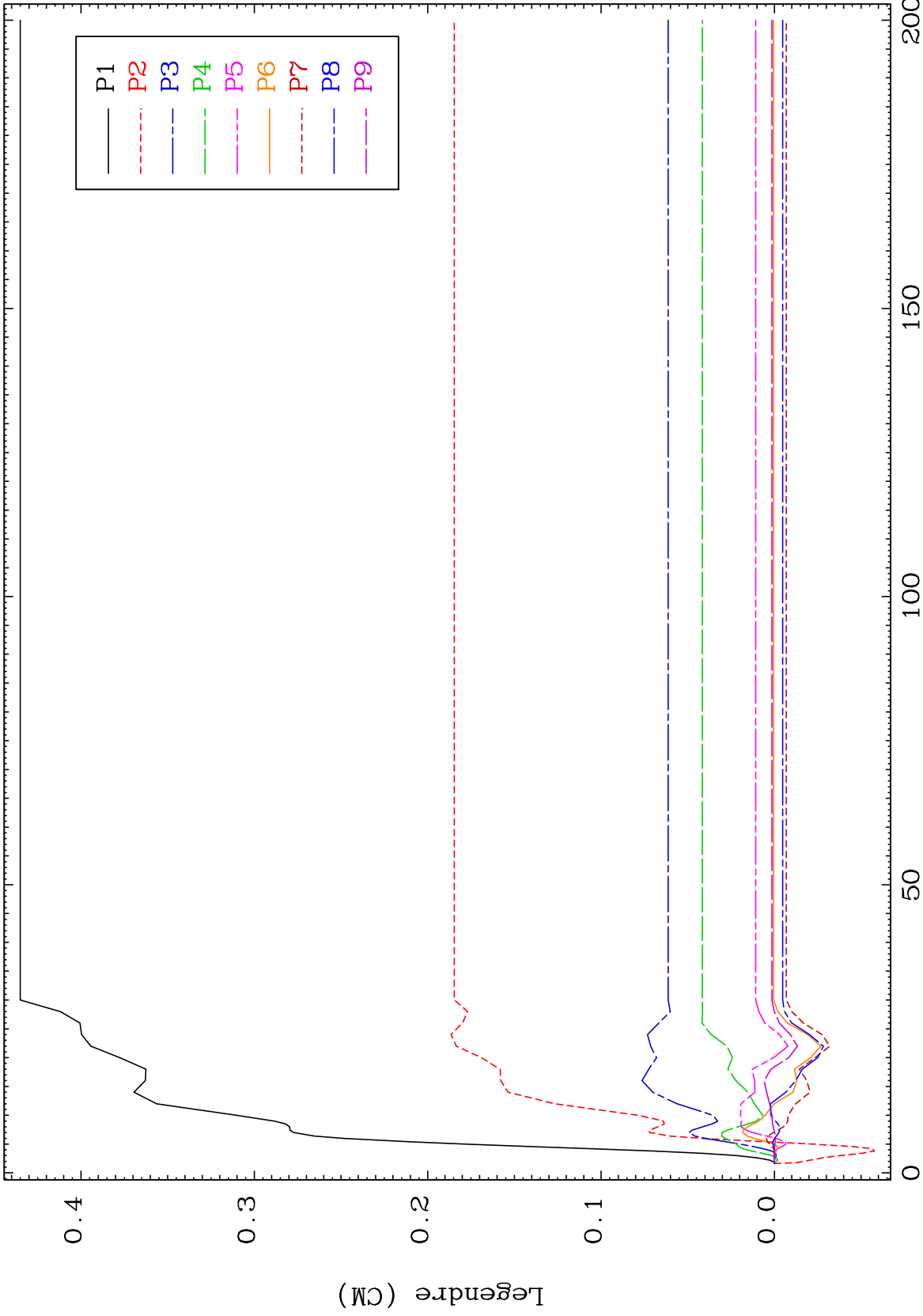


82 Incident Energy (MeV) 60-Nd-148

MAT 6043

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

60-Nd-148

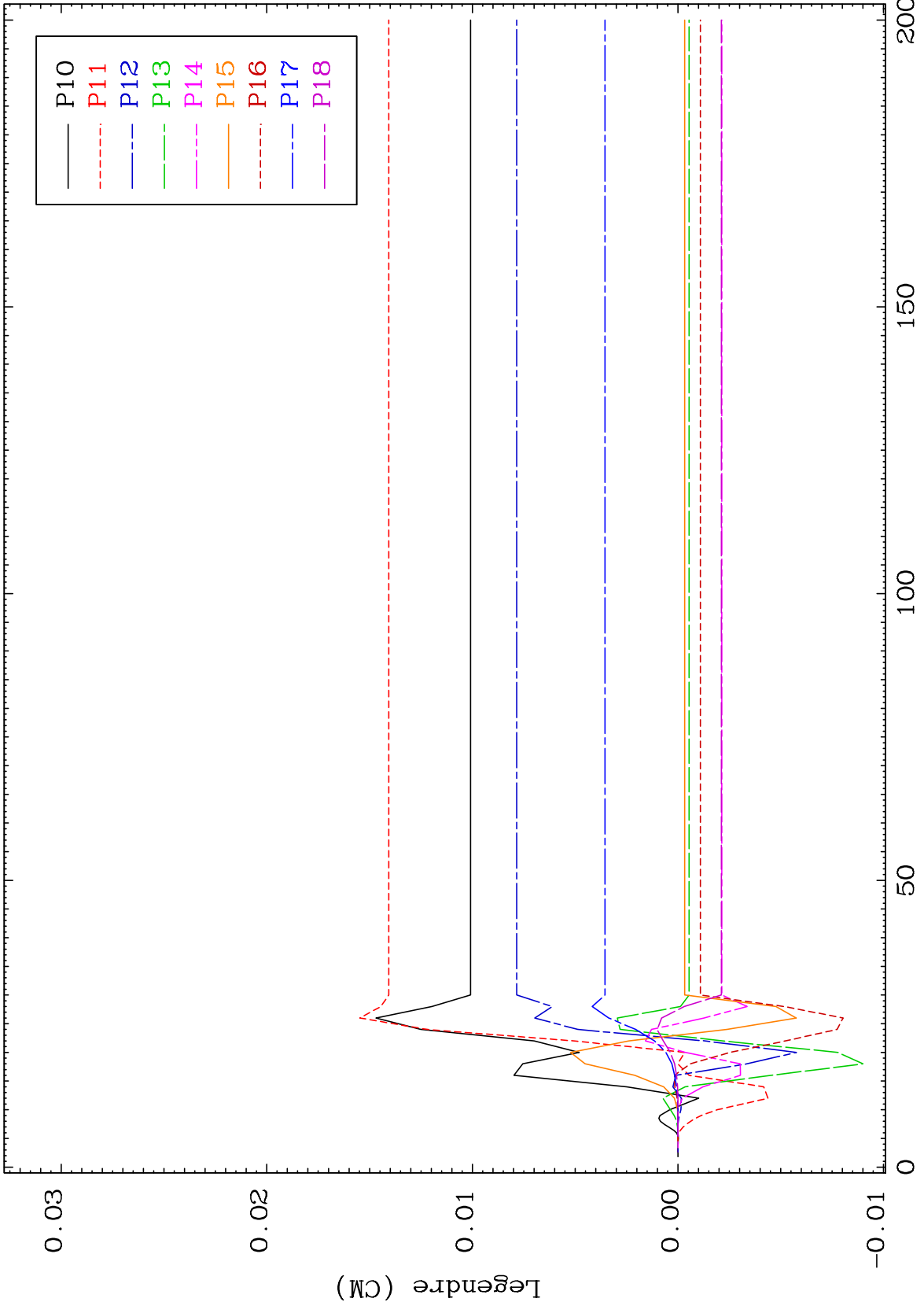


83

Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 68 (n,n') Level Legendre Coefficients 60-Nd-148

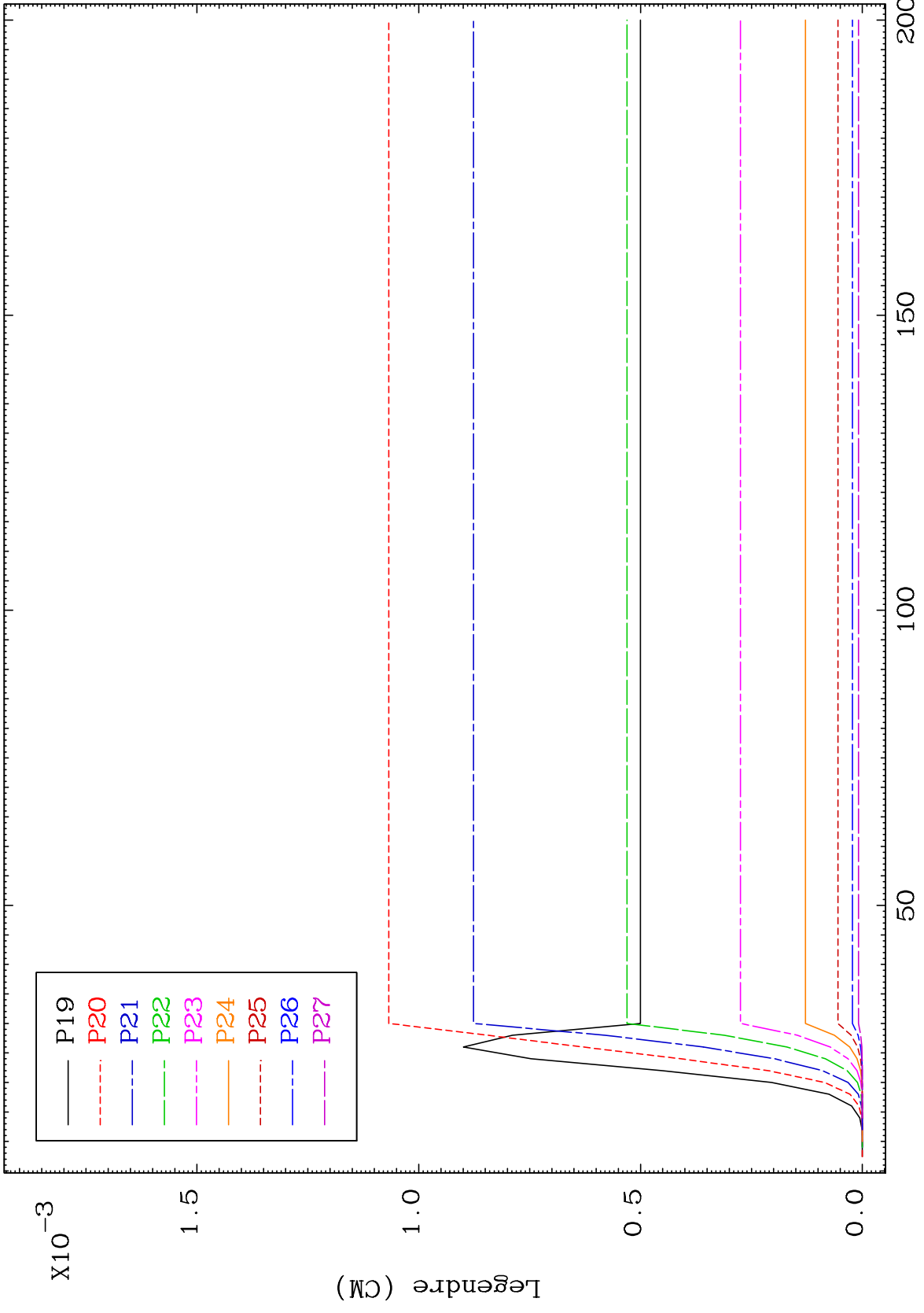


84 60-Nd-148

MAT 6043

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

60-Nd-148



85

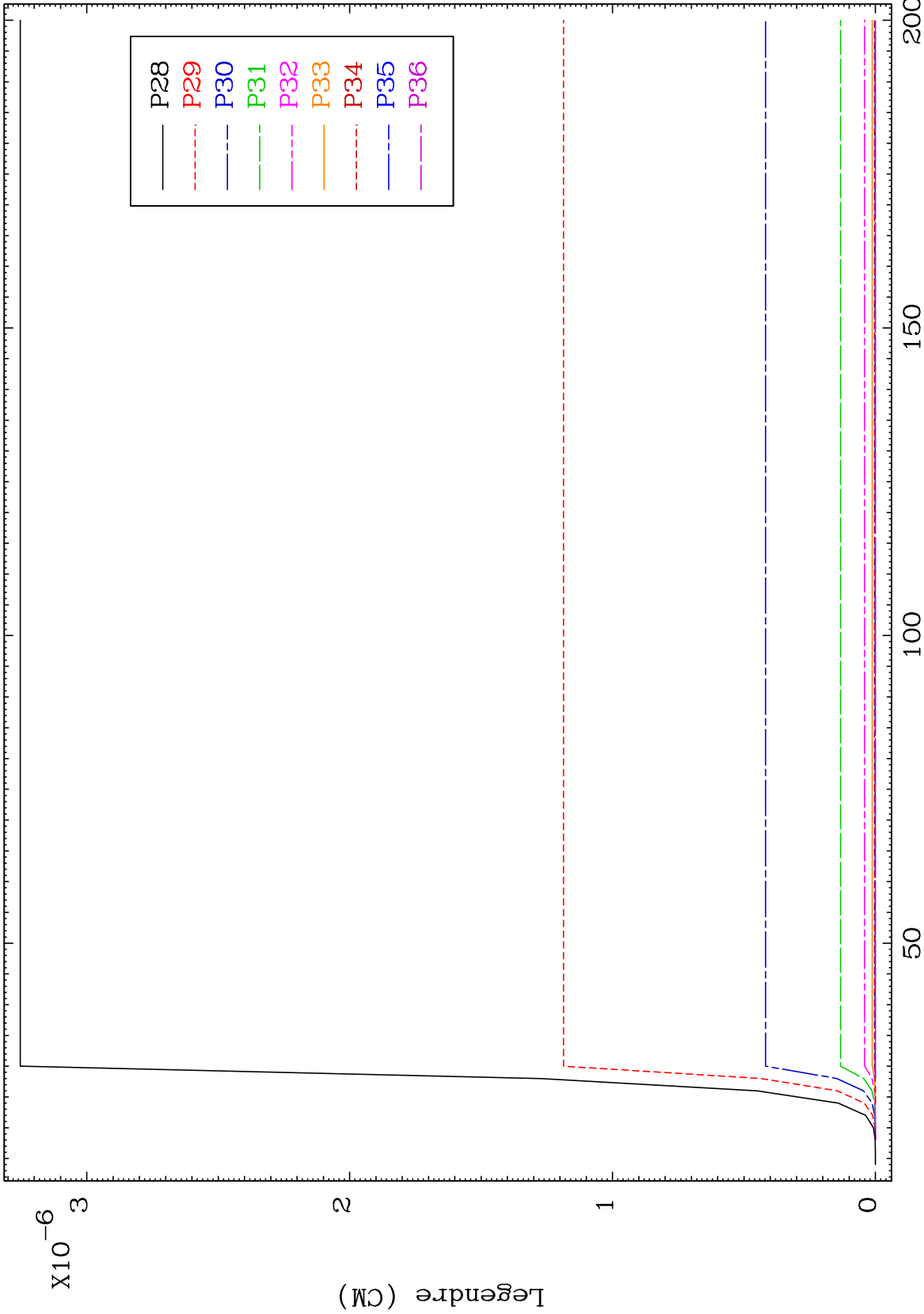
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



86

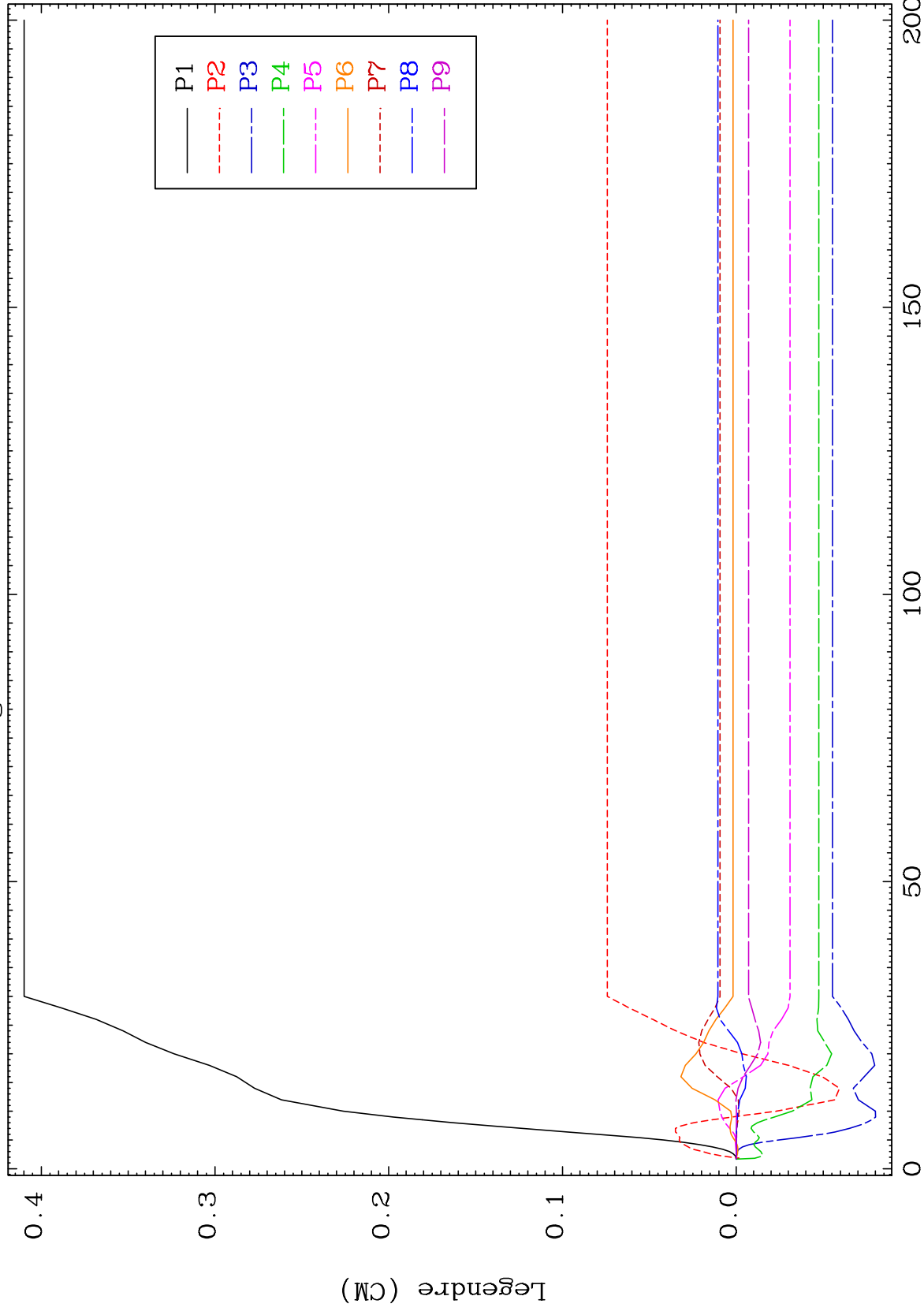
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



87

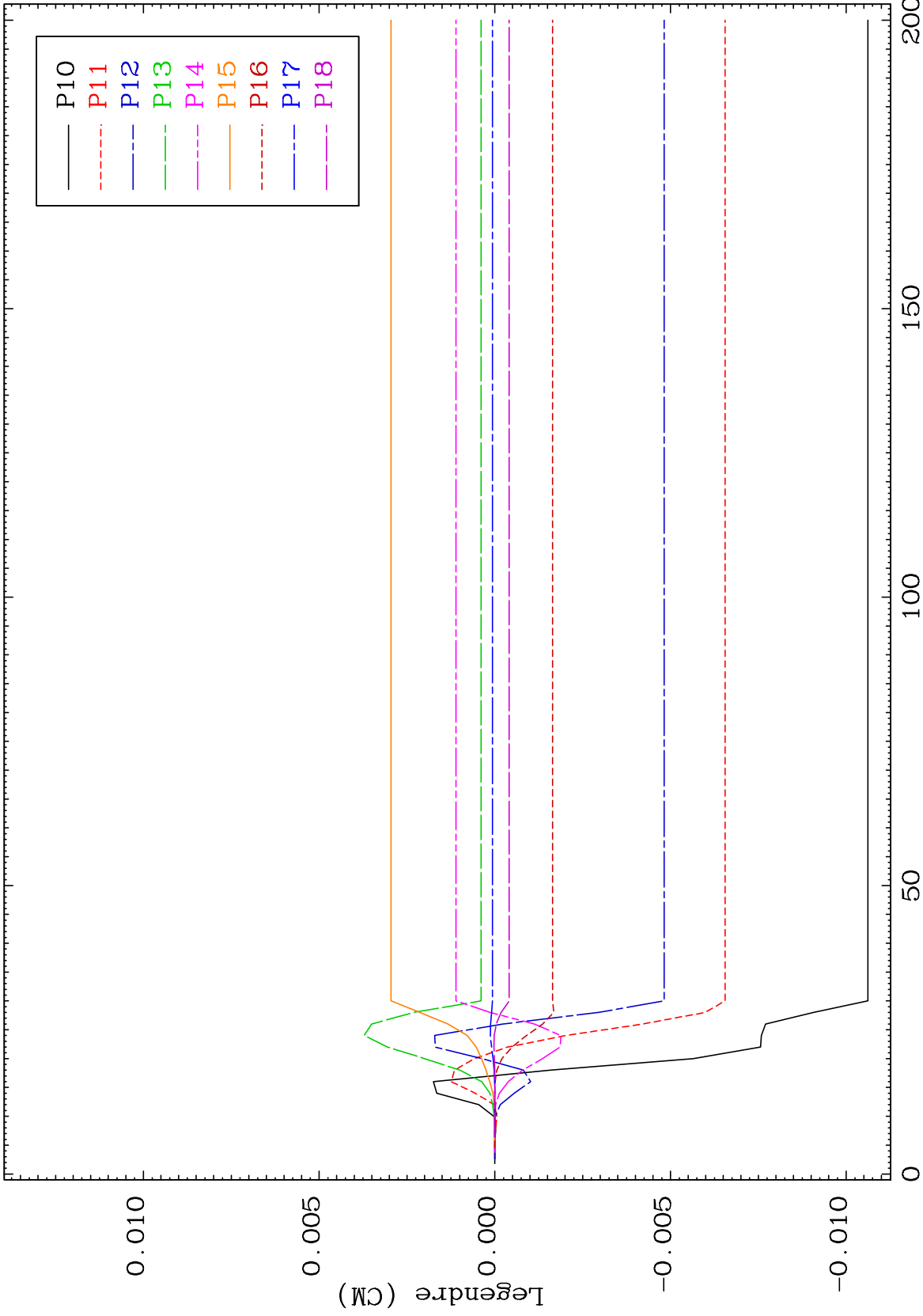
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148

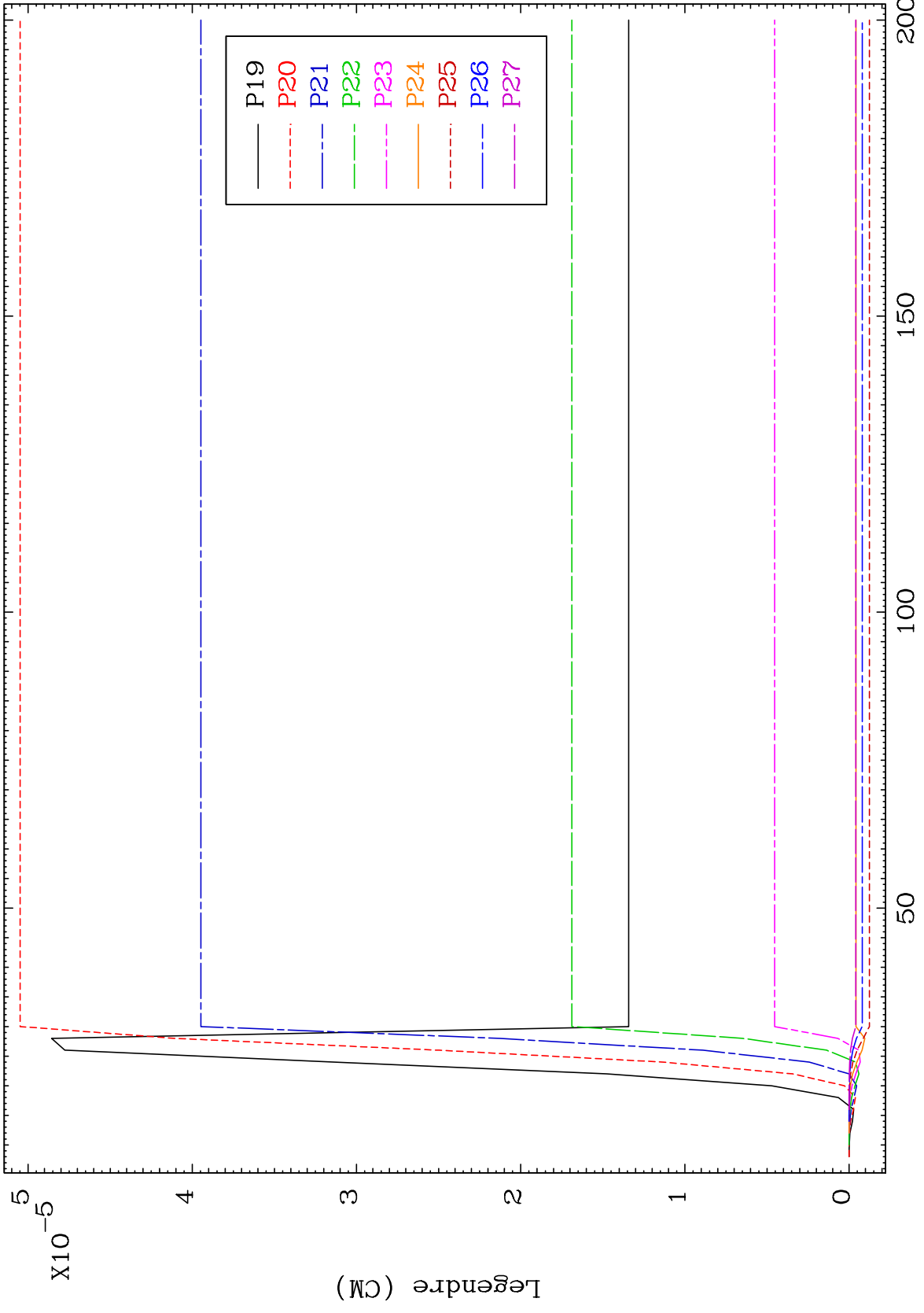


88

Incident Energy (MeV)

60-Nd-148

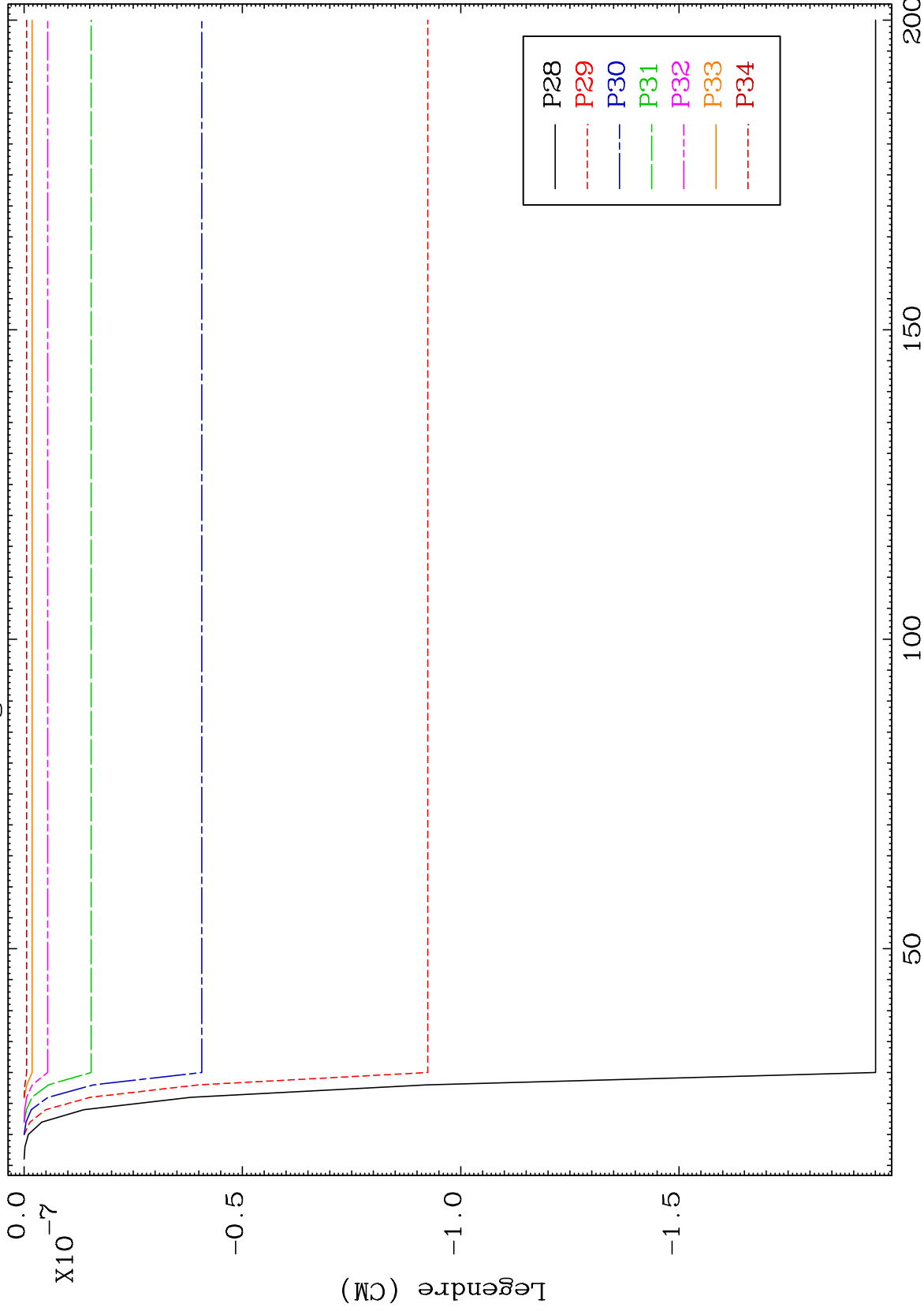
MAT 6043 MT= 69 (n,n') Level Legendre Coefficients 60-Nd-148



MAT 6043

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

60-Nd-148

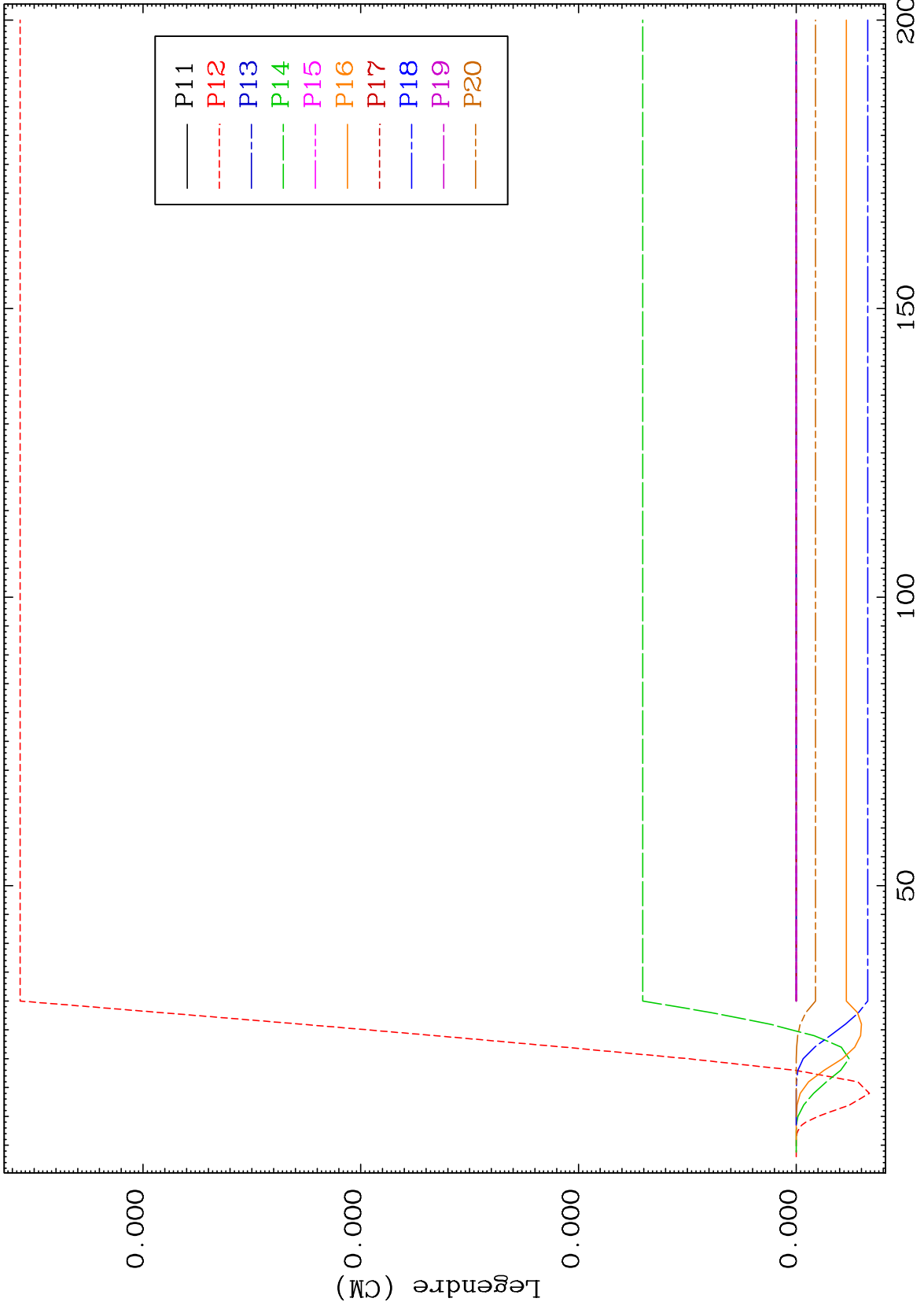


90

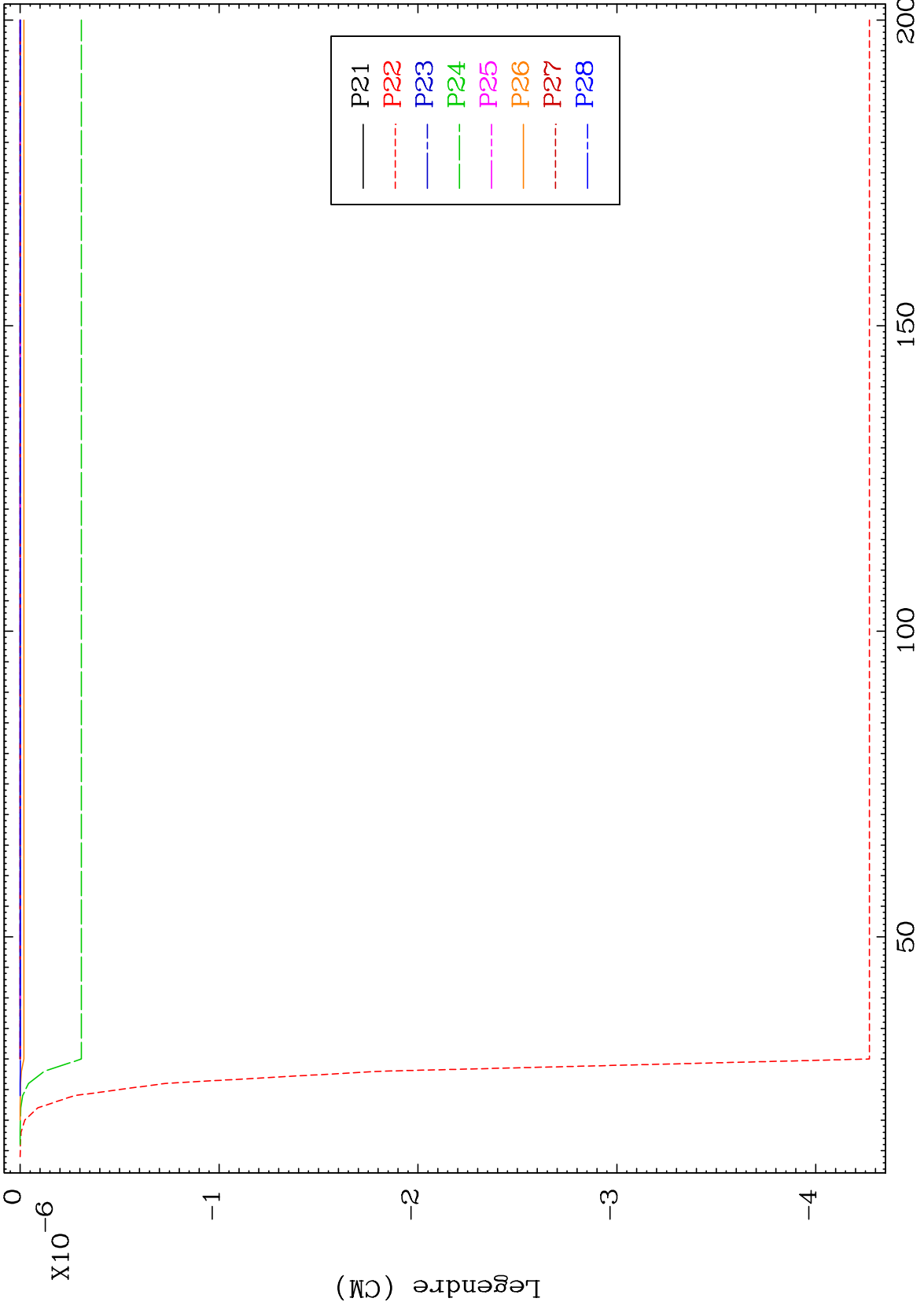
Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 70 (n,n') Level Legendre Coefficients 60-Nd-148



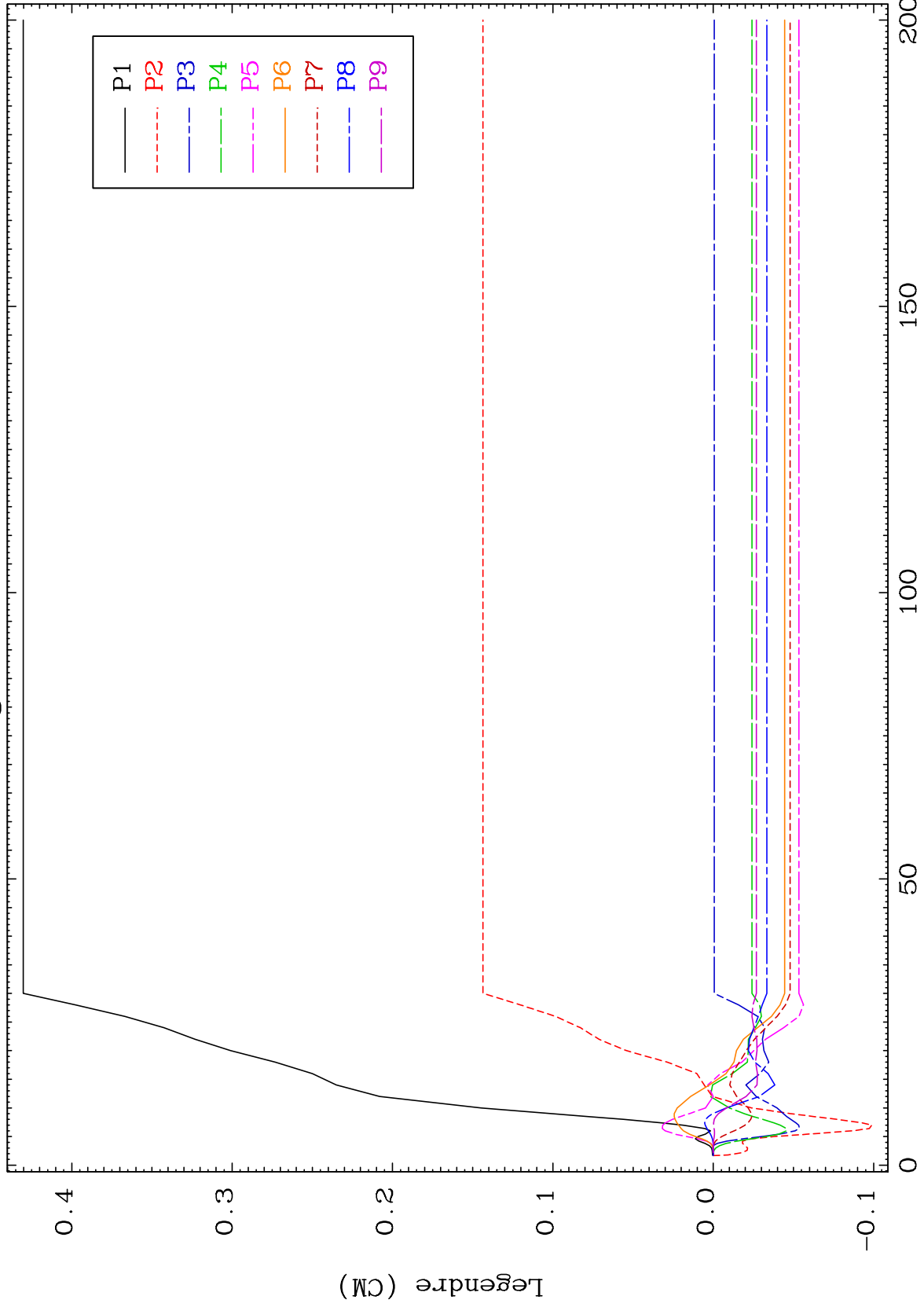
MAT 6043 MT= 70 (n,n') Level Legendre Coefficients 60-Nd-148



MAT 6043

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

60-Nd-148



94

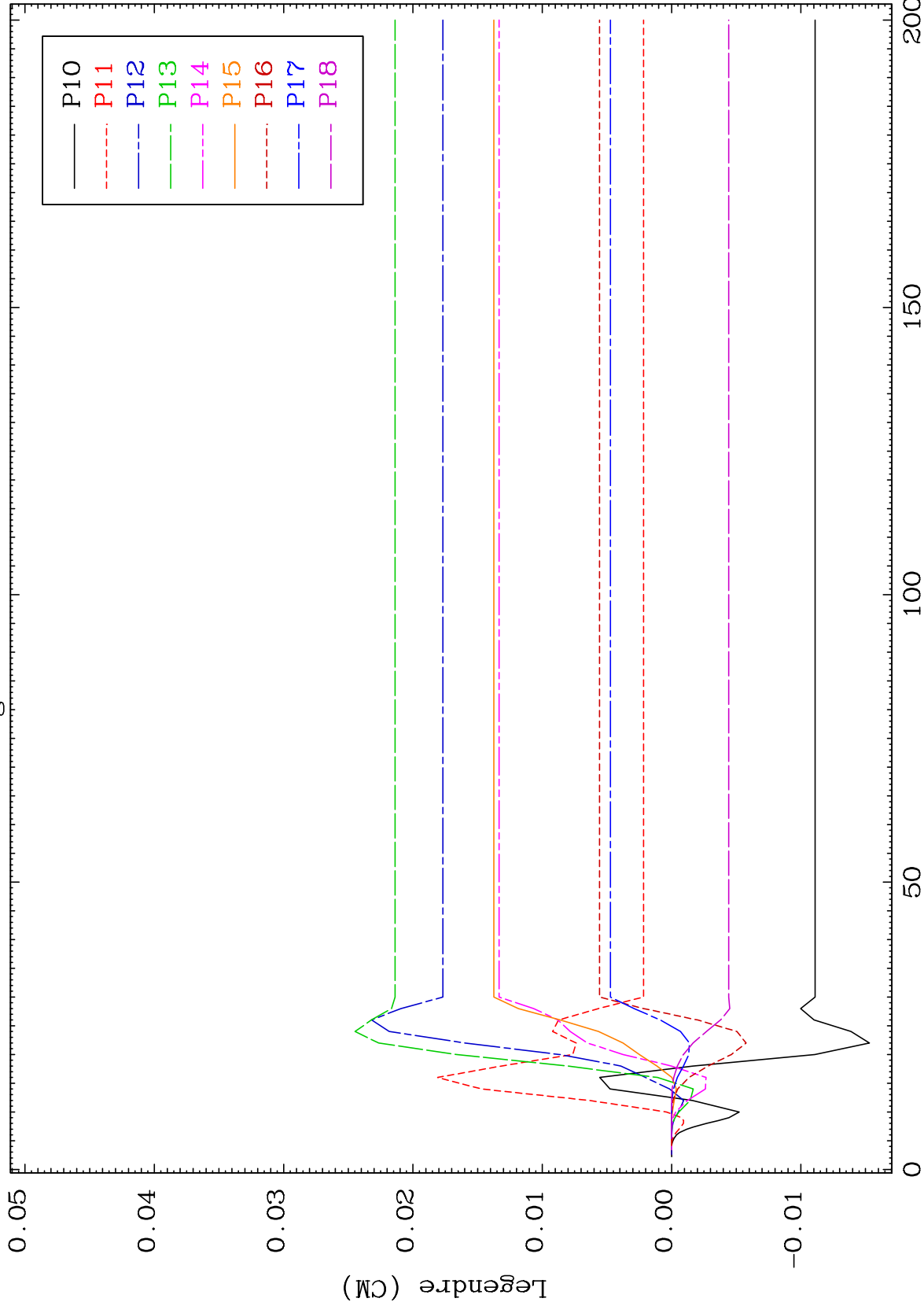
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

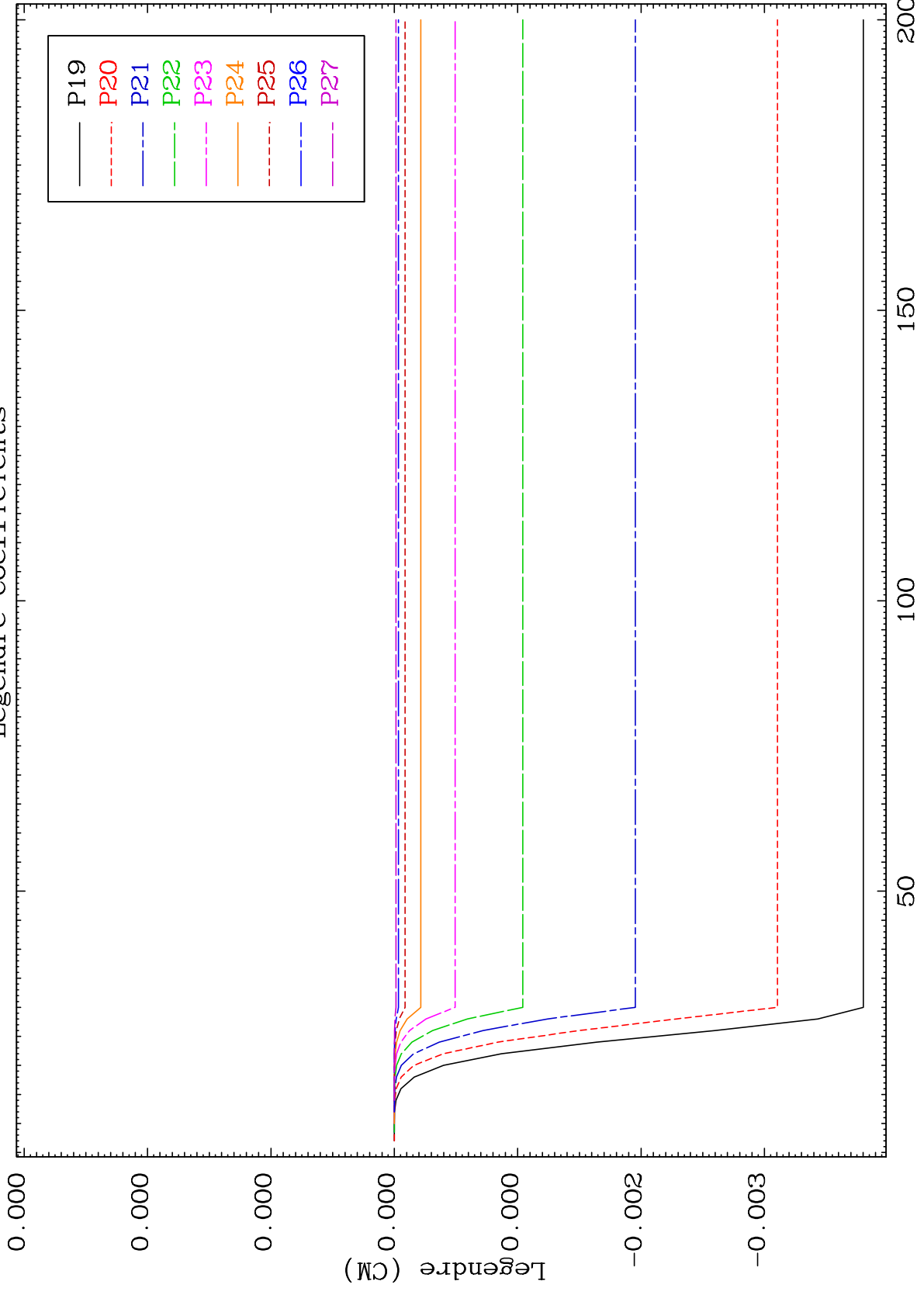
Incident Energy (MeV)

95

MAT 6043

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

60-Nd-148



96

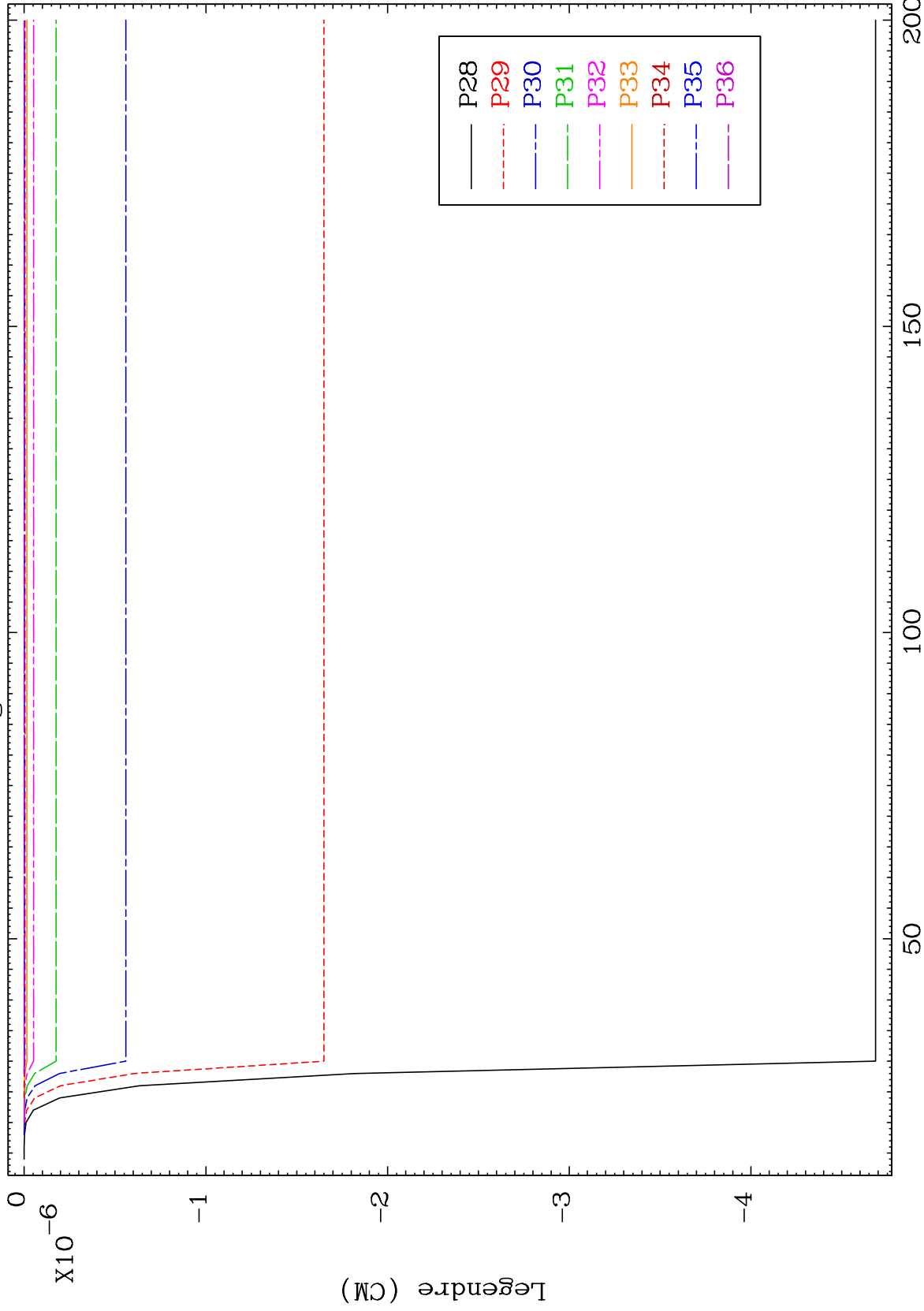
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



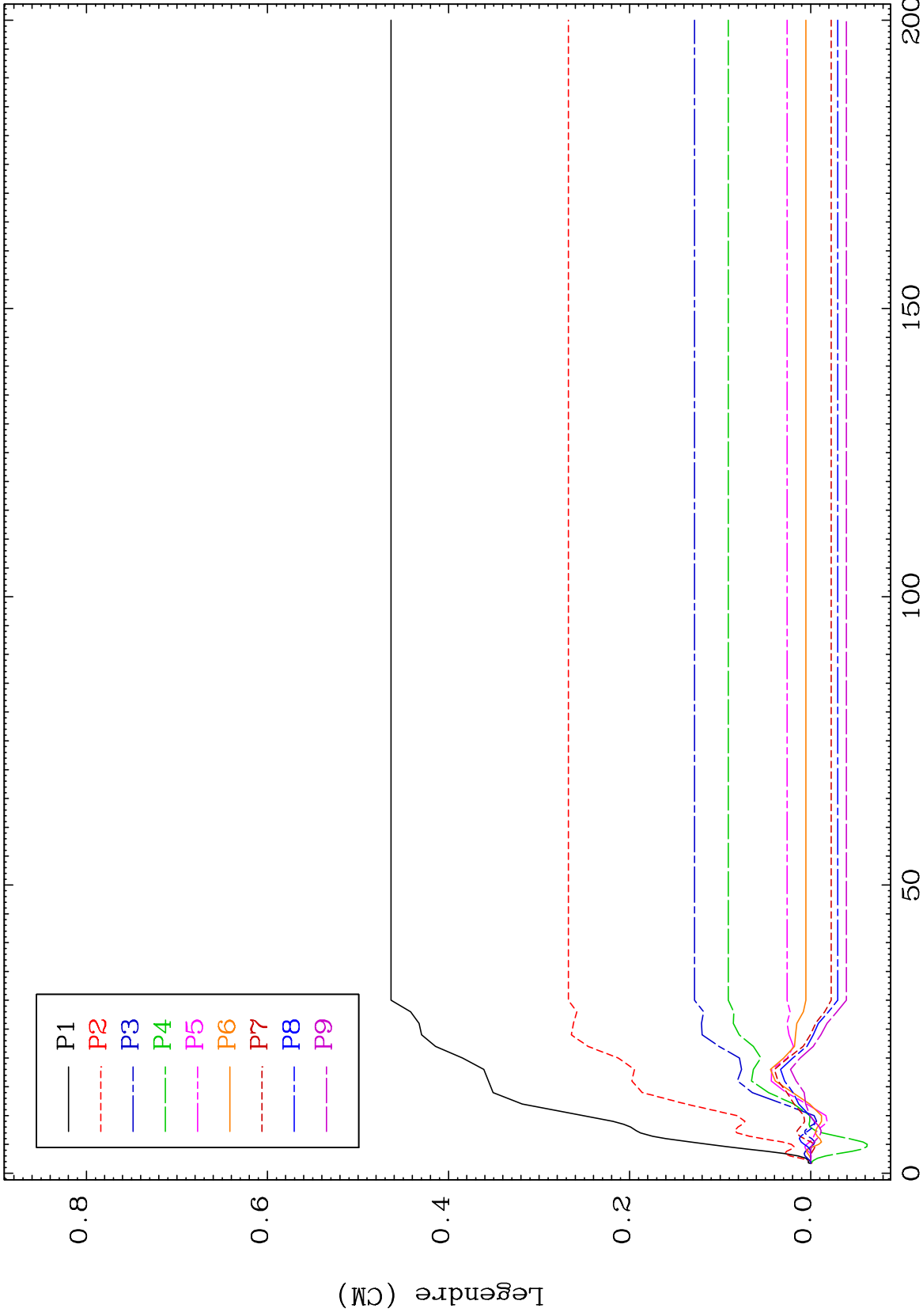
97

60-Nd-148

MAT 6043

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

60-Nd-148



98

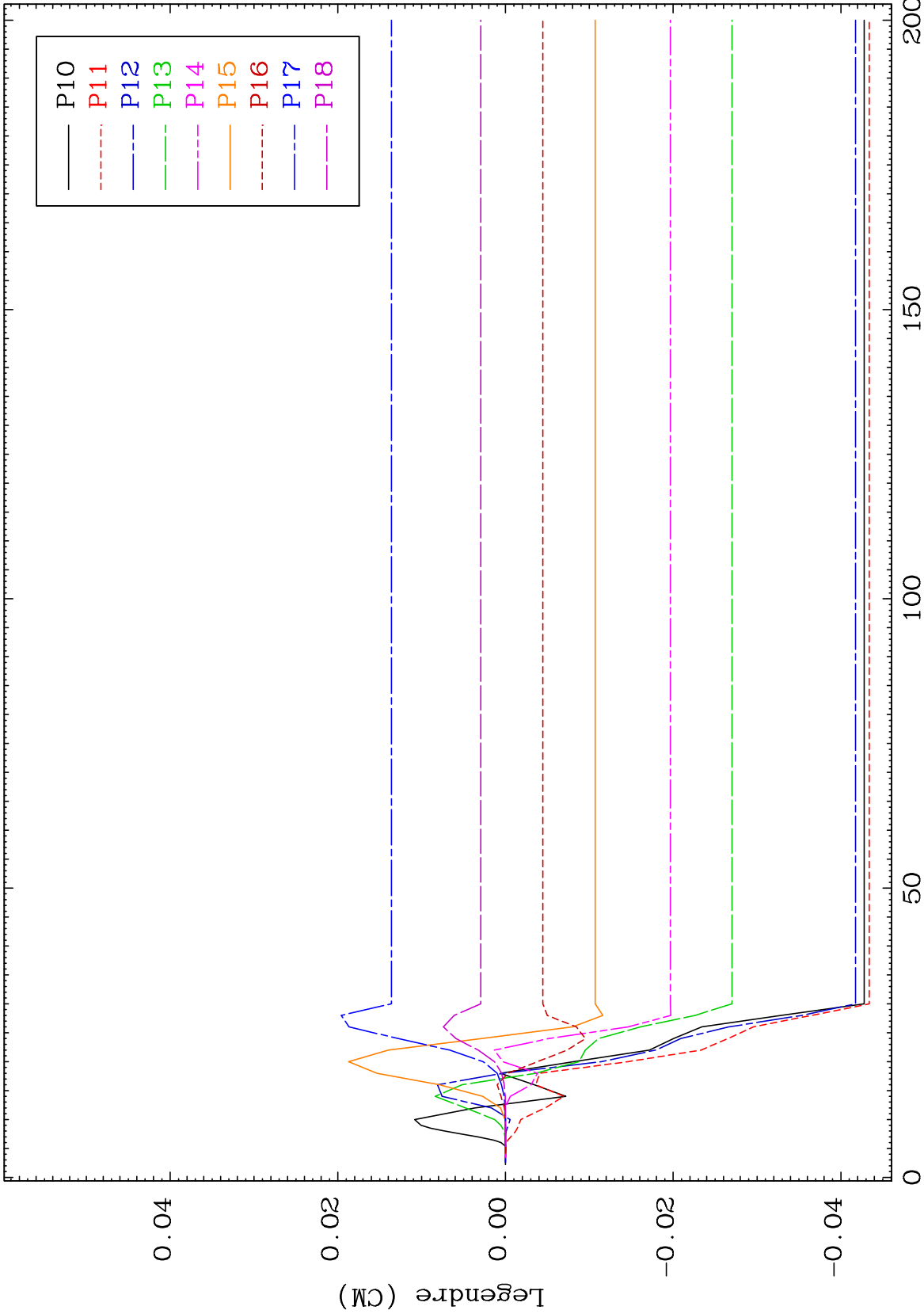
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



99

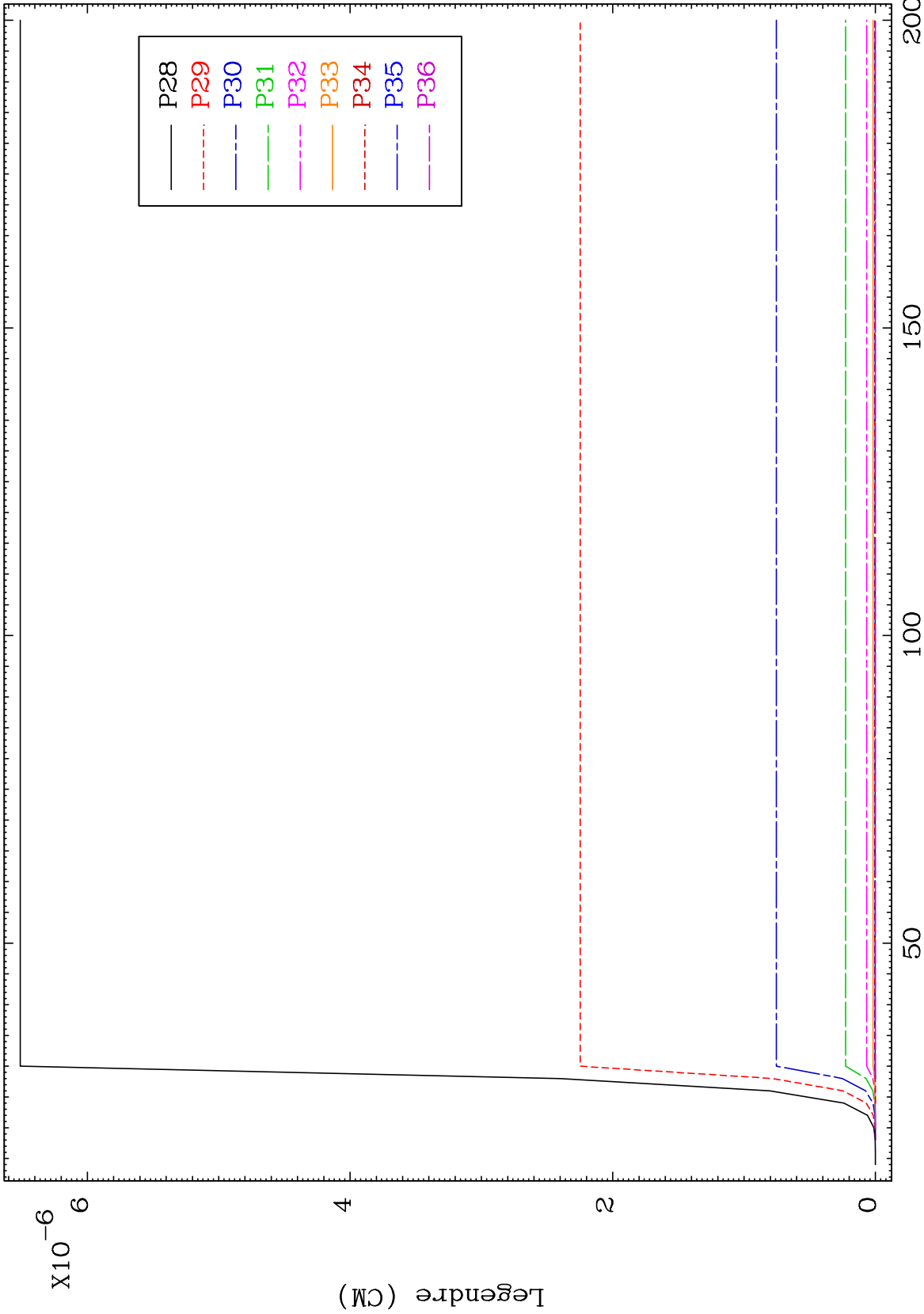
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



101

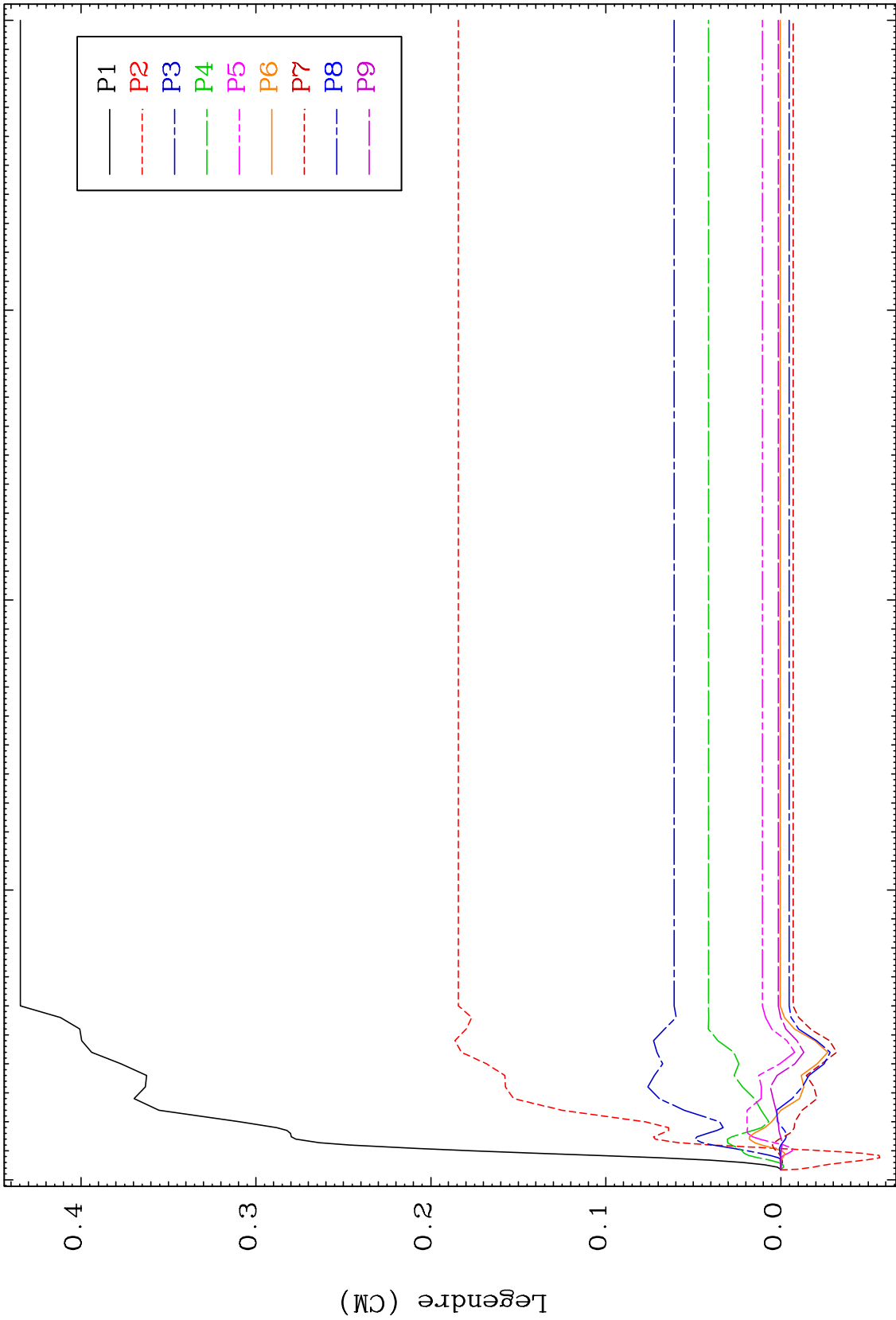
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

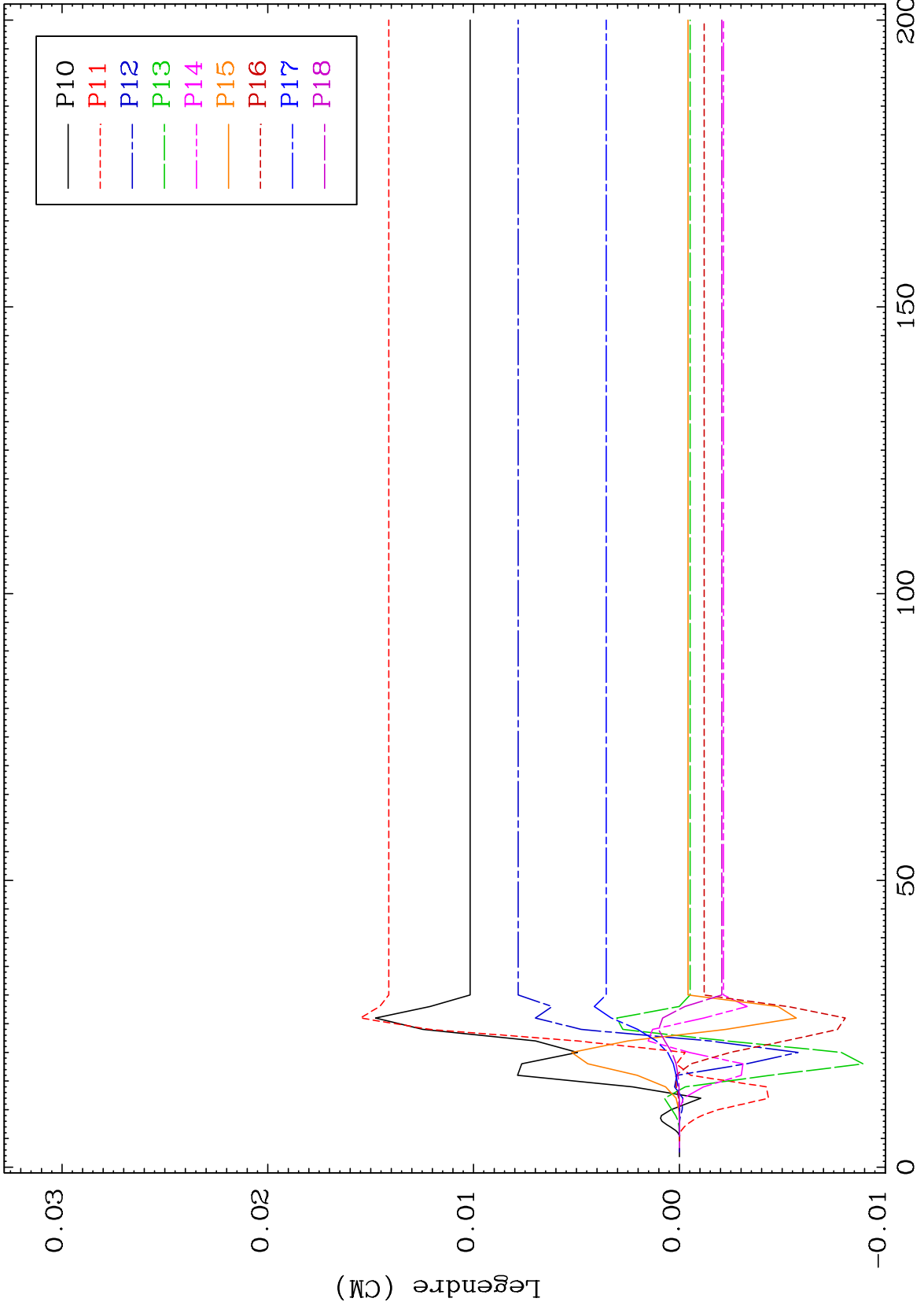
Incident Energy (MeV)

102

MAT 6043

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

60-Nd-148



60-Nd-148

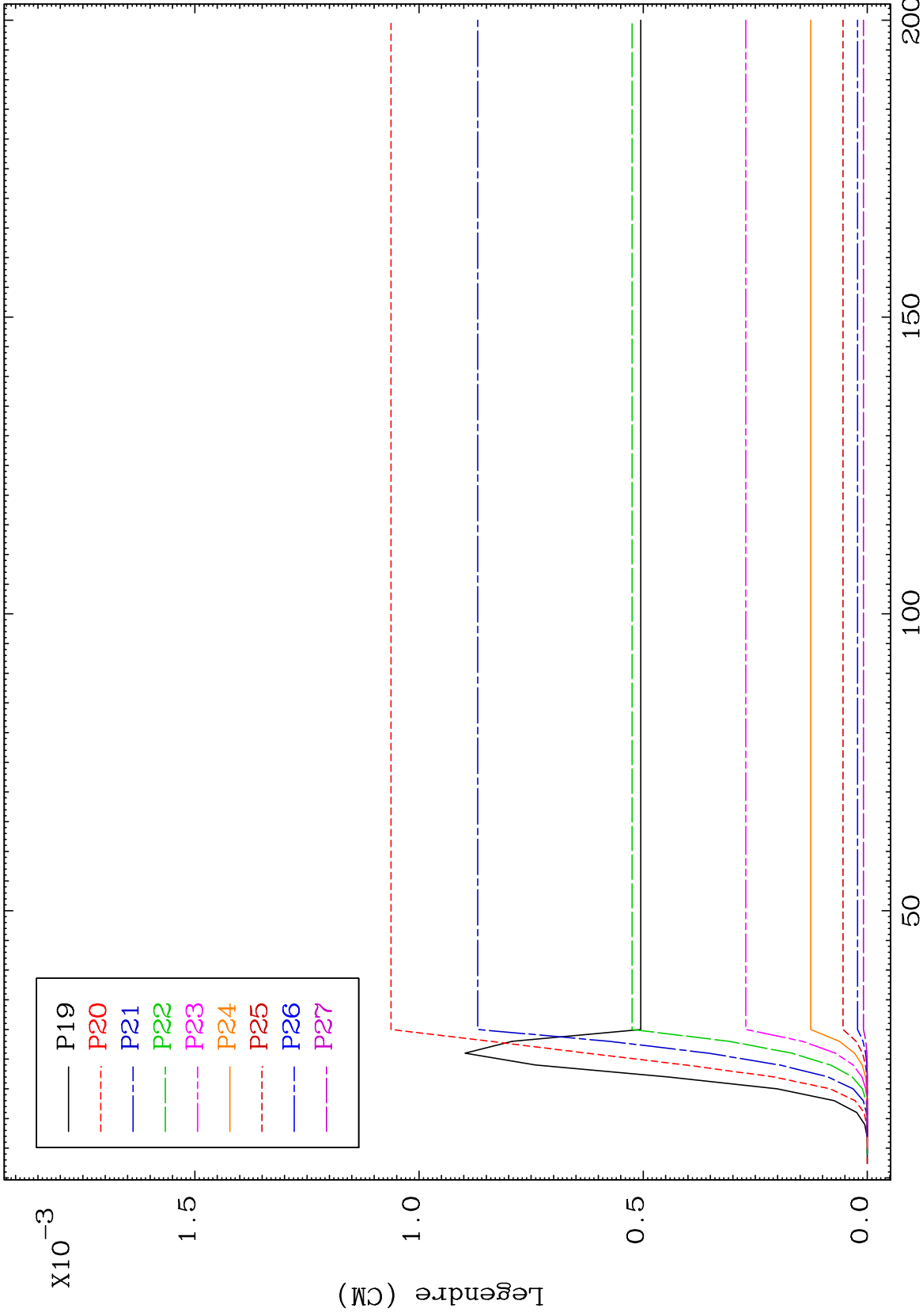
Incident Energy (MeV)

103

MAT 6043

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

60-Nd-148



104

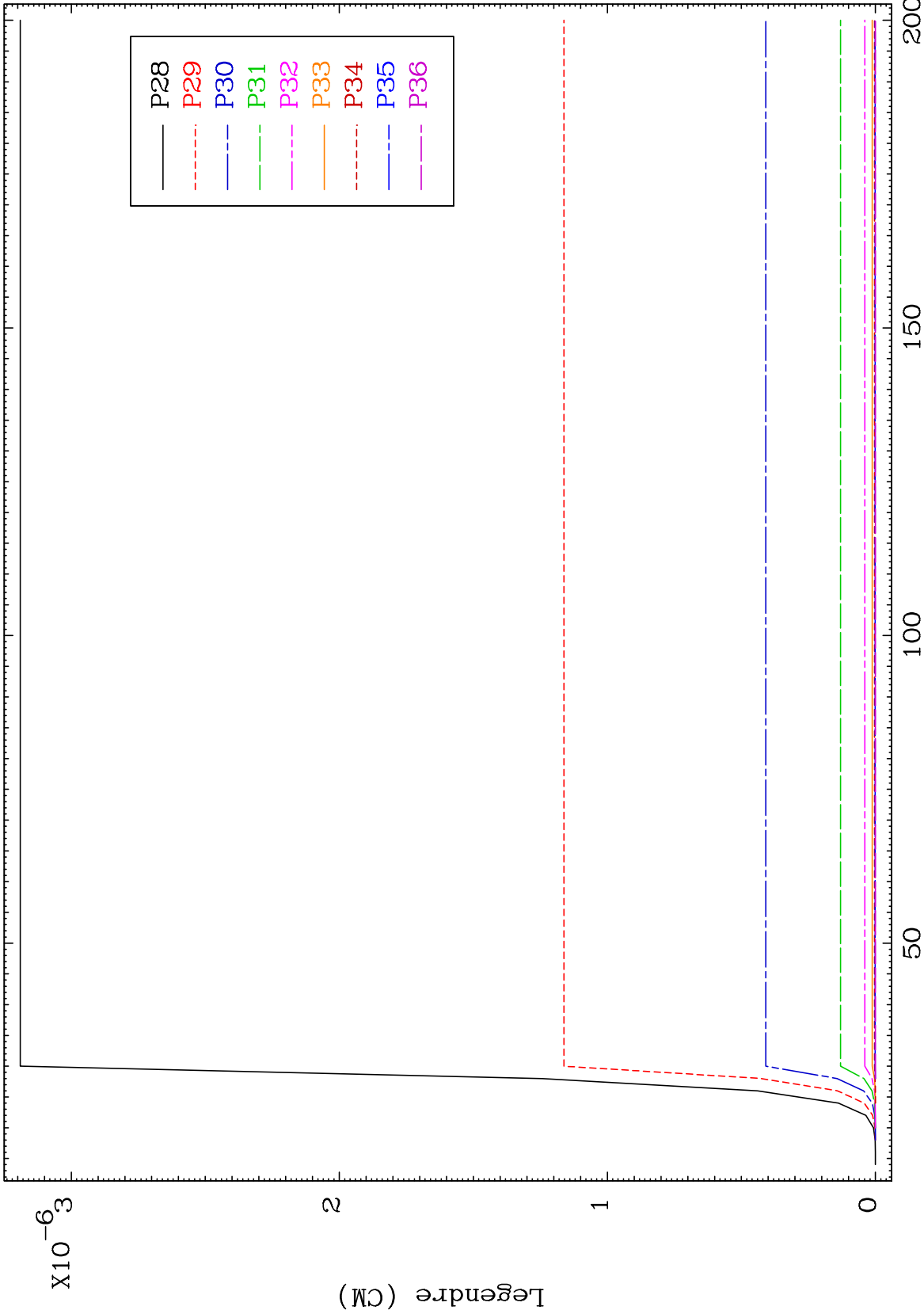
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148

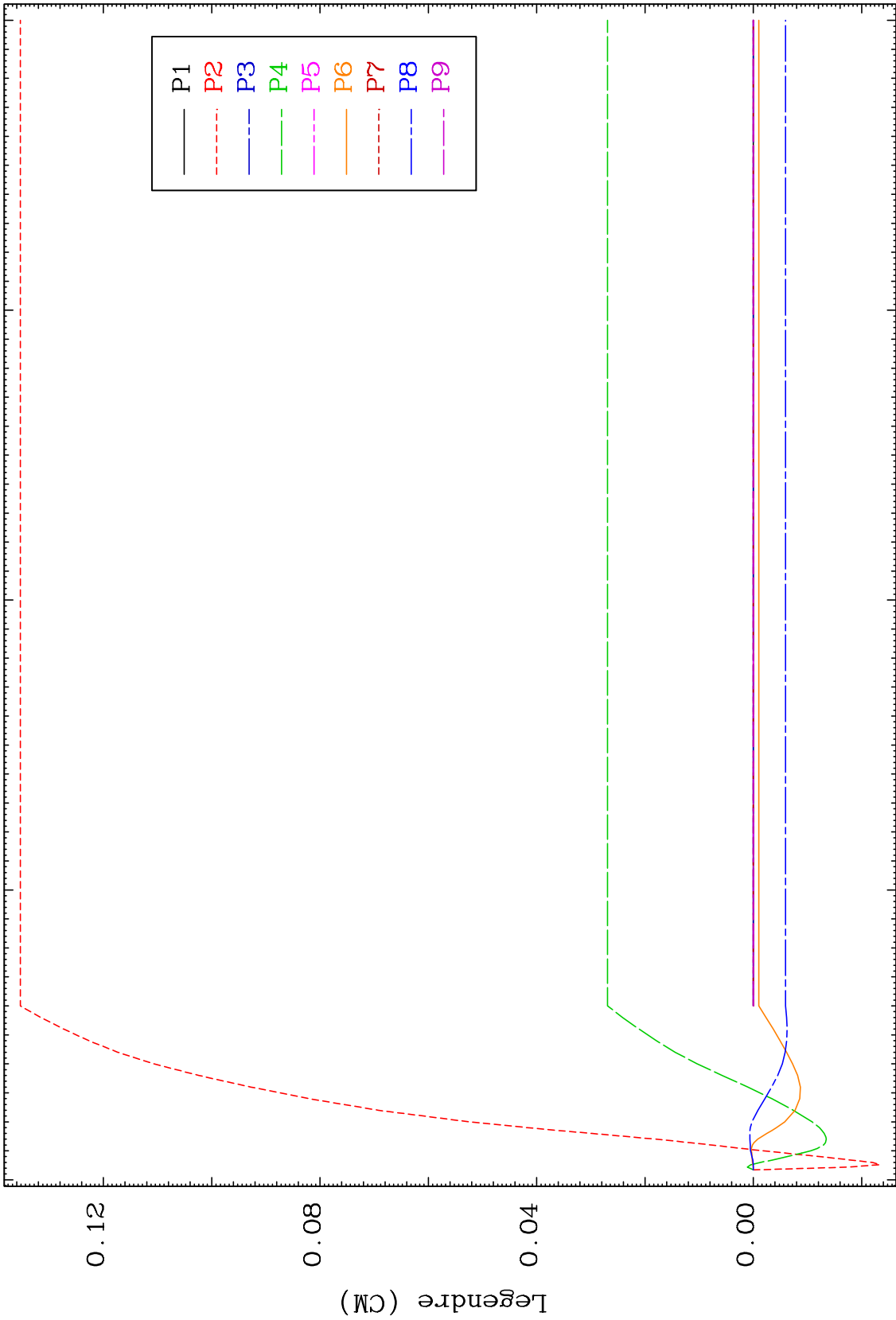


105

Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 74 (n,n') Level Legendre Coefficients 60-Nd-148

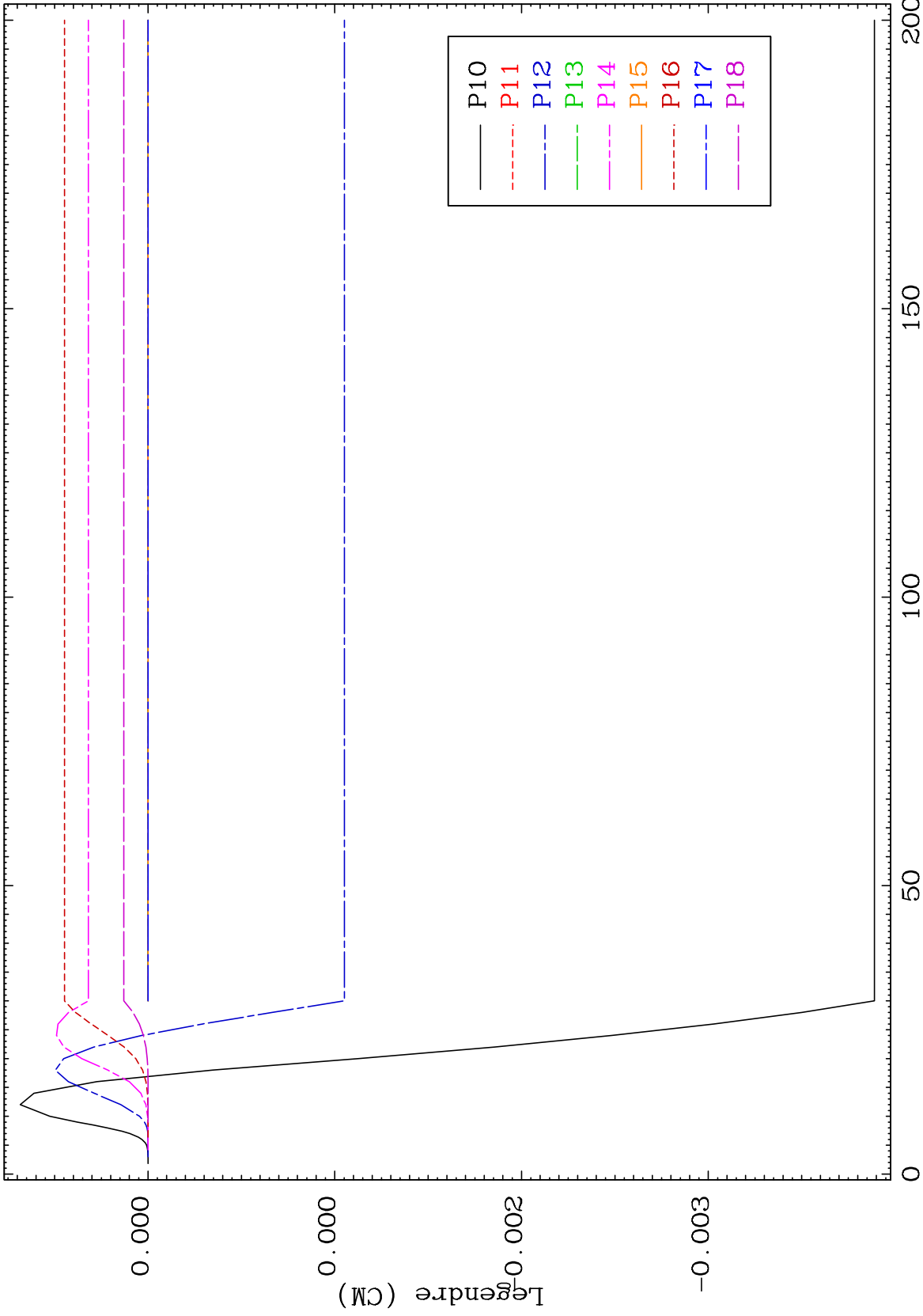


106 Incident Energy (MeV) 60-Nd-148

MAT 6043

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

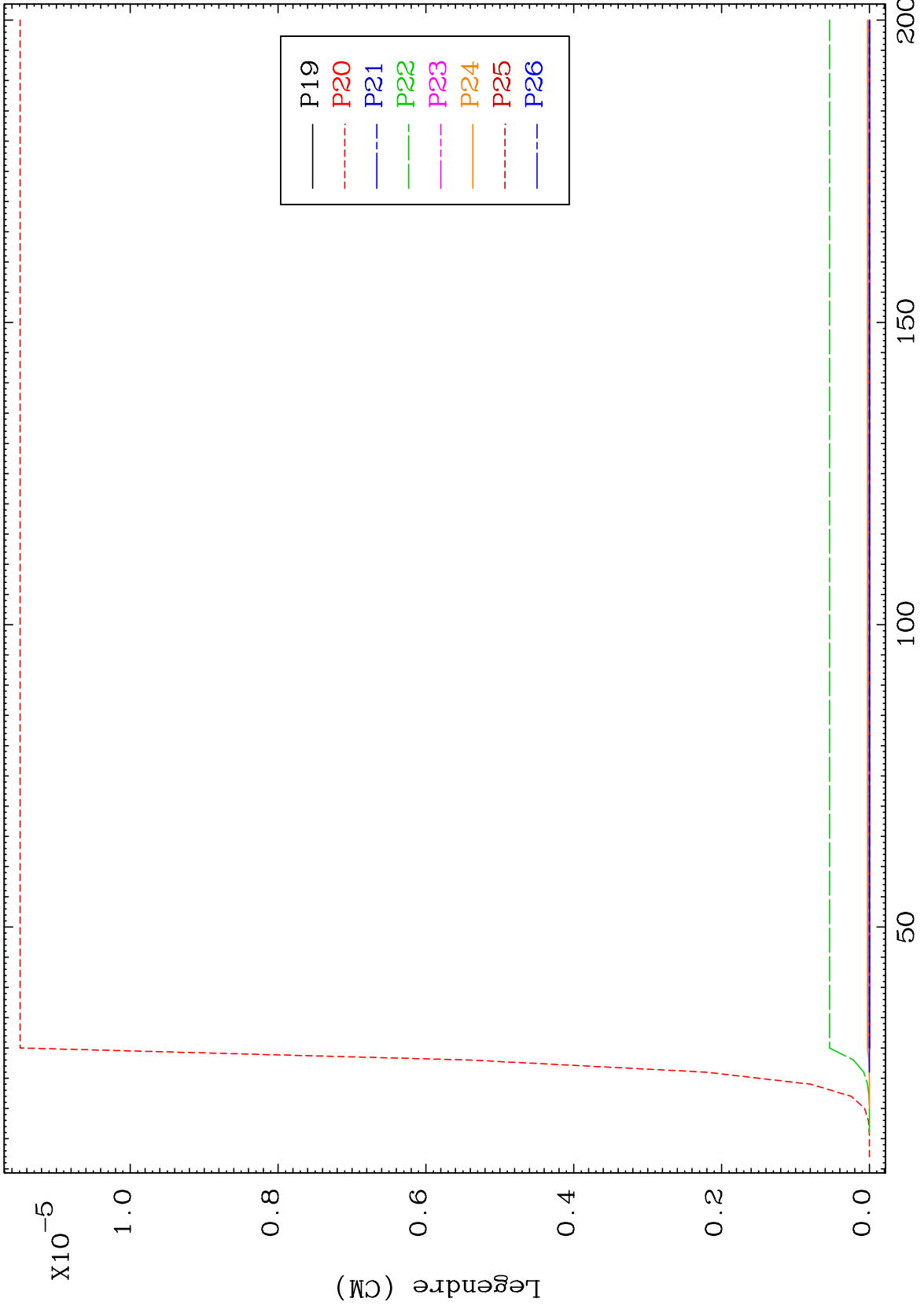
60-Nd-148



107

60-Nd-148

MAT 6043 MT= 74 (n,n') Level Legendre Coefficients 60-Nd-148

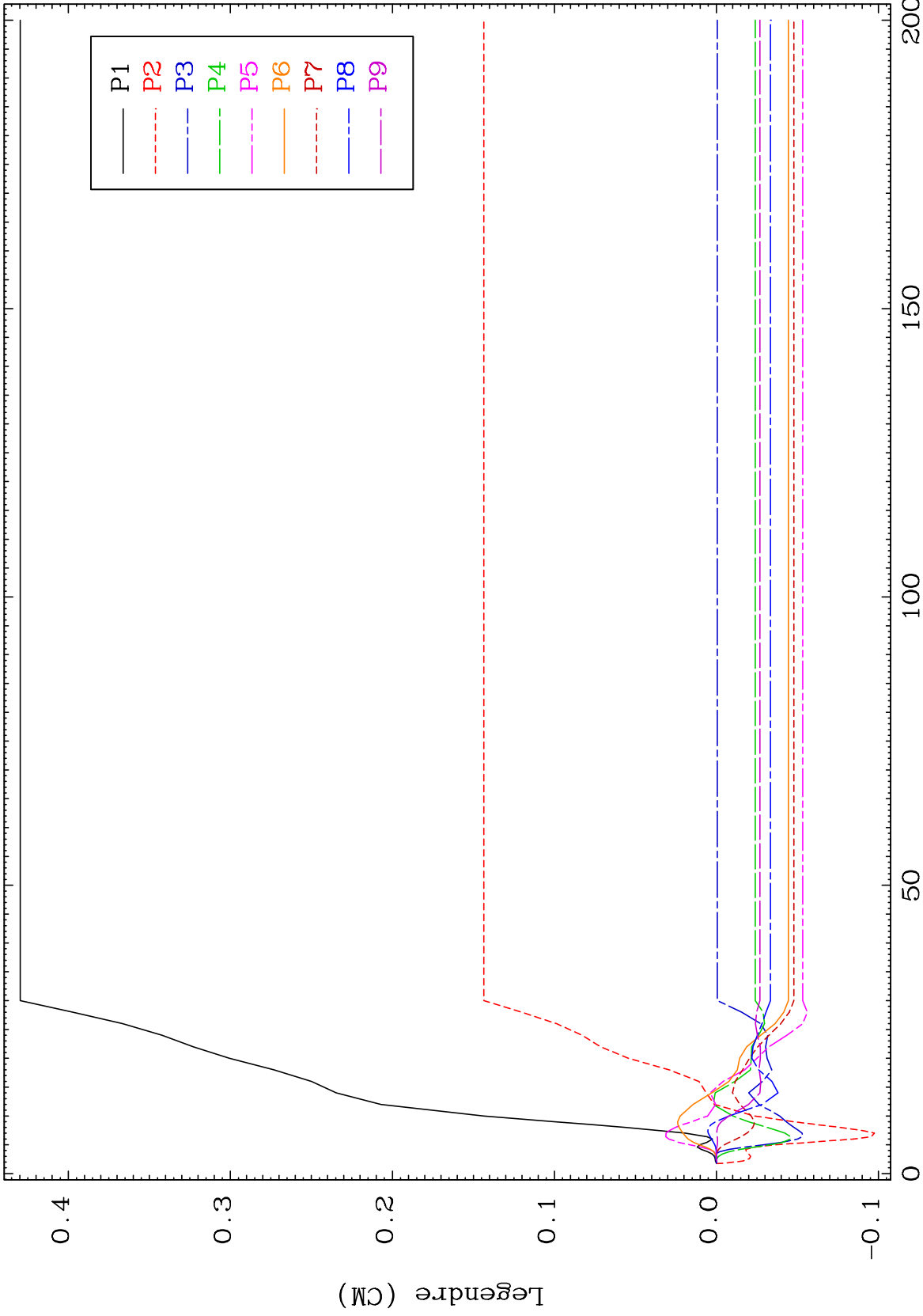


108 Incident Energy (MeV) 200 60-Nd-148

MAT 6043

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

60-Nd-148

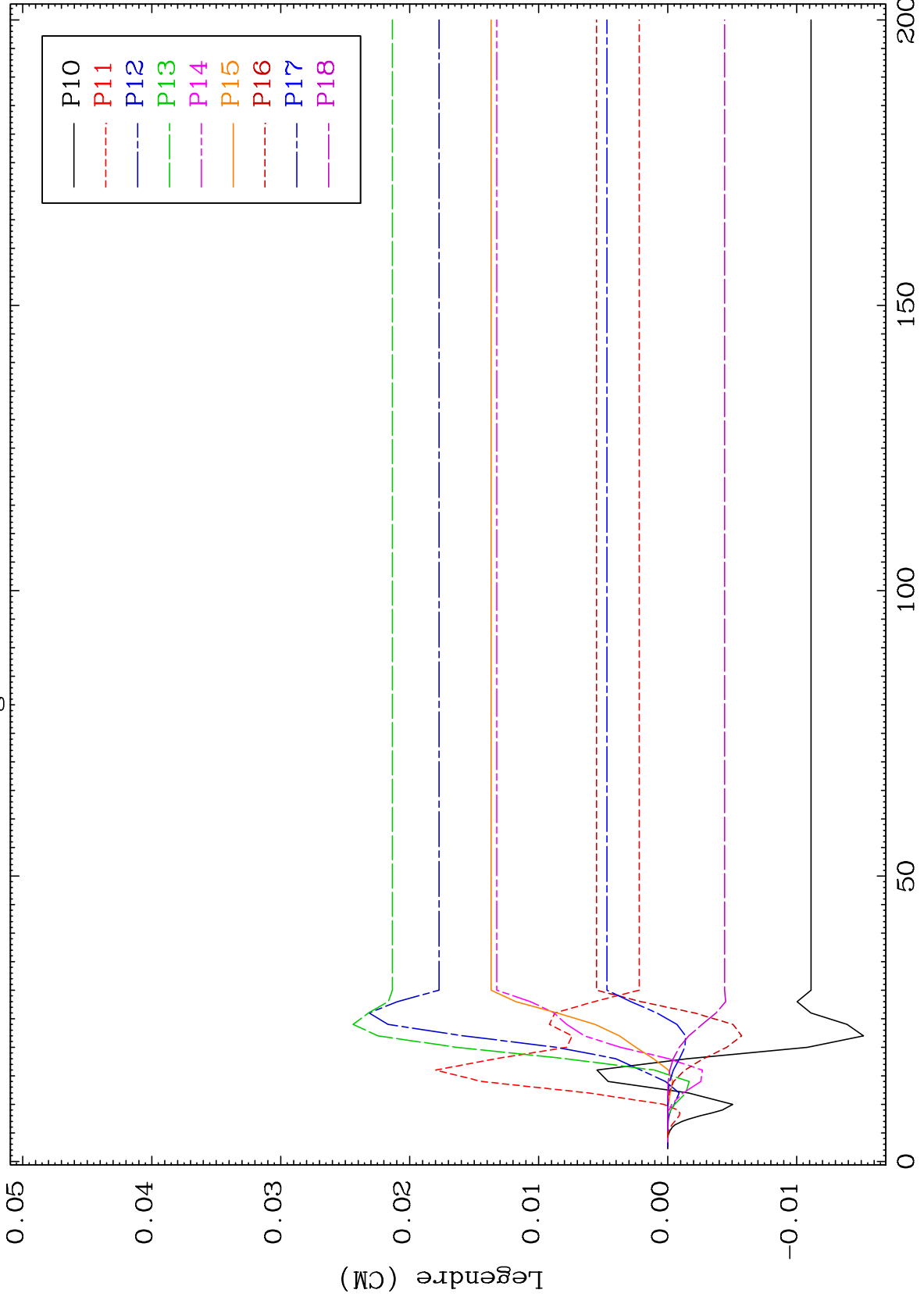


60-Nd-148

Incident Energy (MeV)

109

MAT 6043 MT= 75 (n,n') Level Legendre Coefficients 60-Nd-148

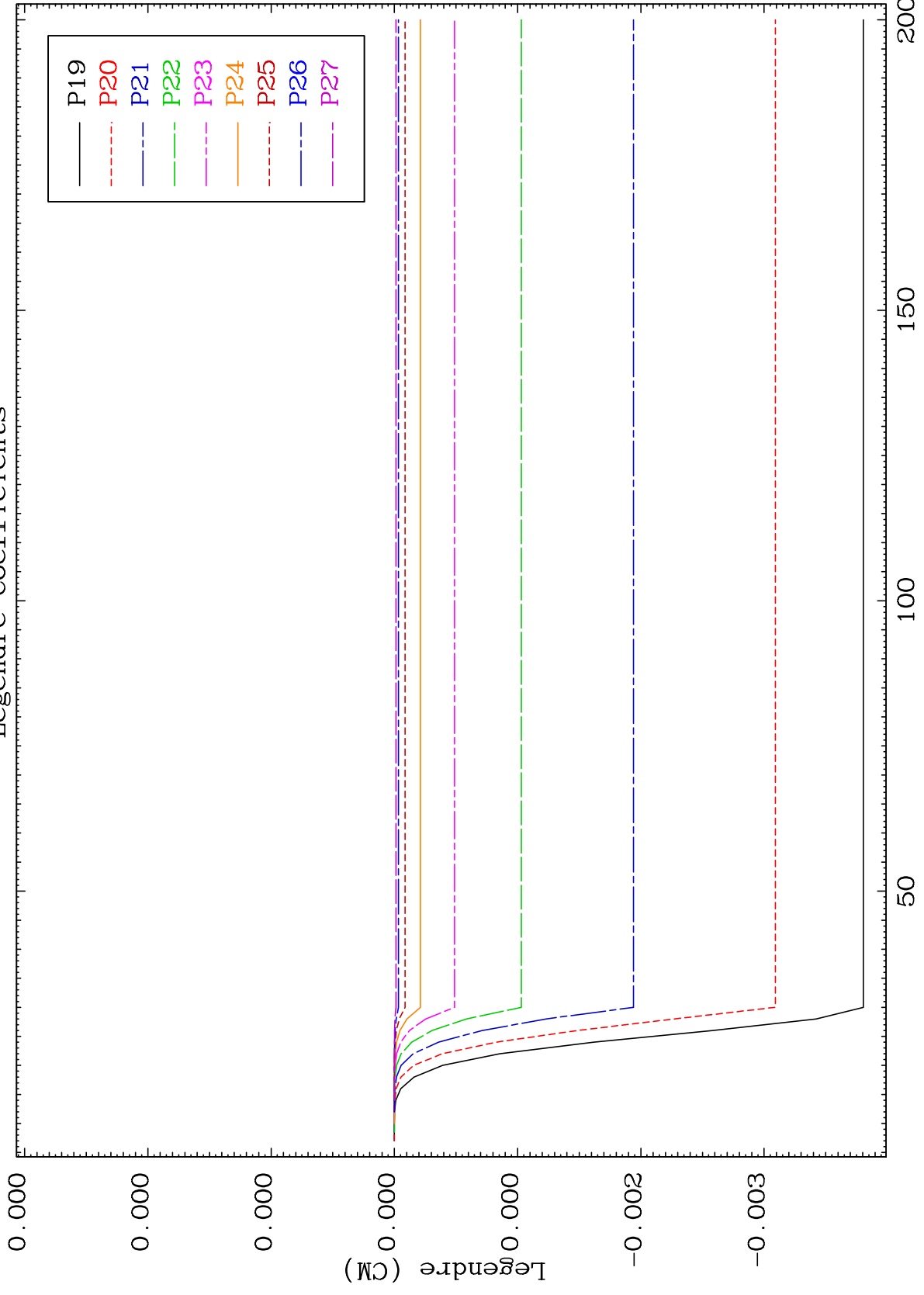


110 Incident Energy (MeV) 60-Nd-148

MAT 6043

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

60-Nd-148



111

Incident Energy (MeV)

60-Nd-148

MAT 6043

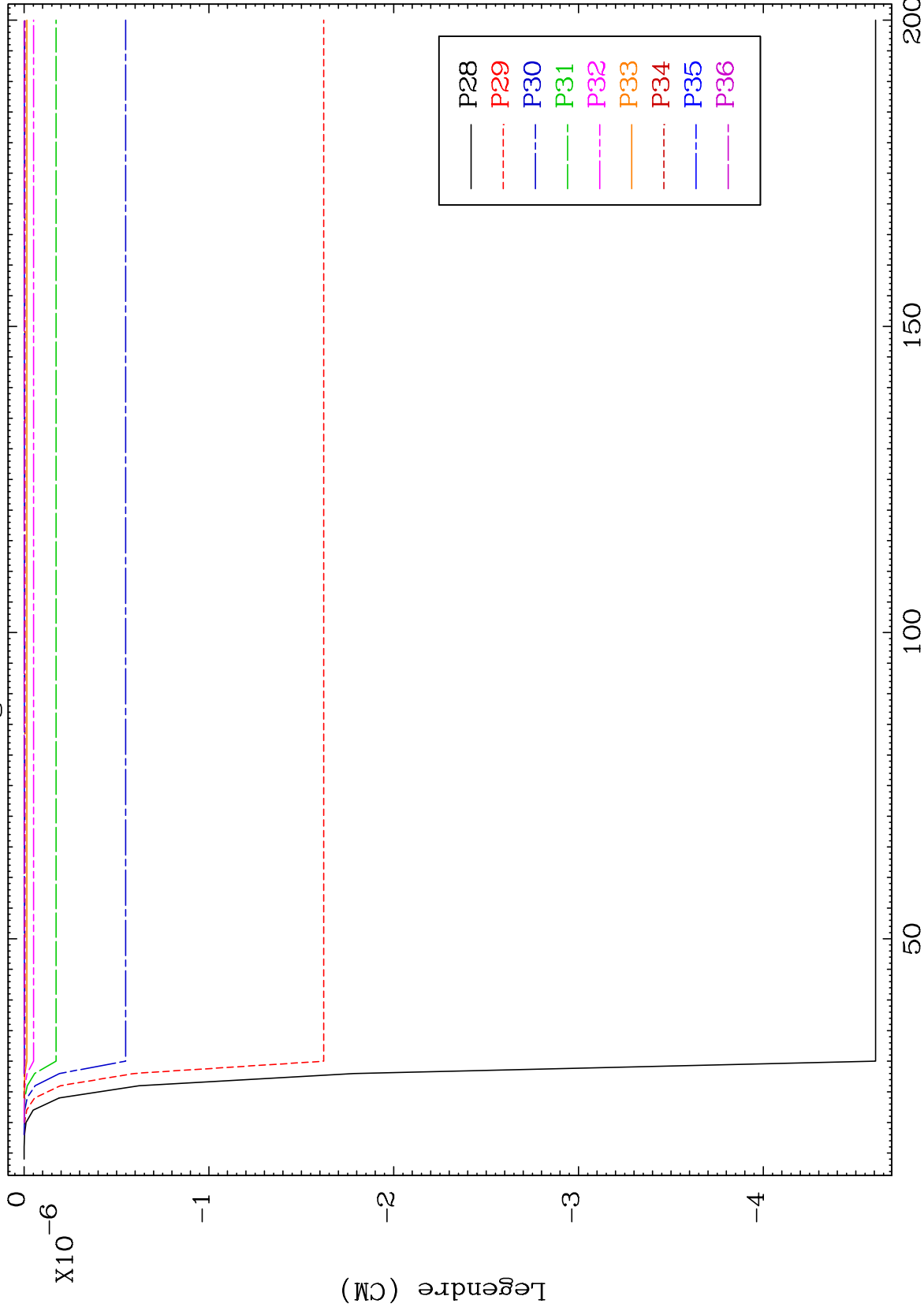
MT= 75 (n,n') Level
Legendre Coefficients

60-Nd-148

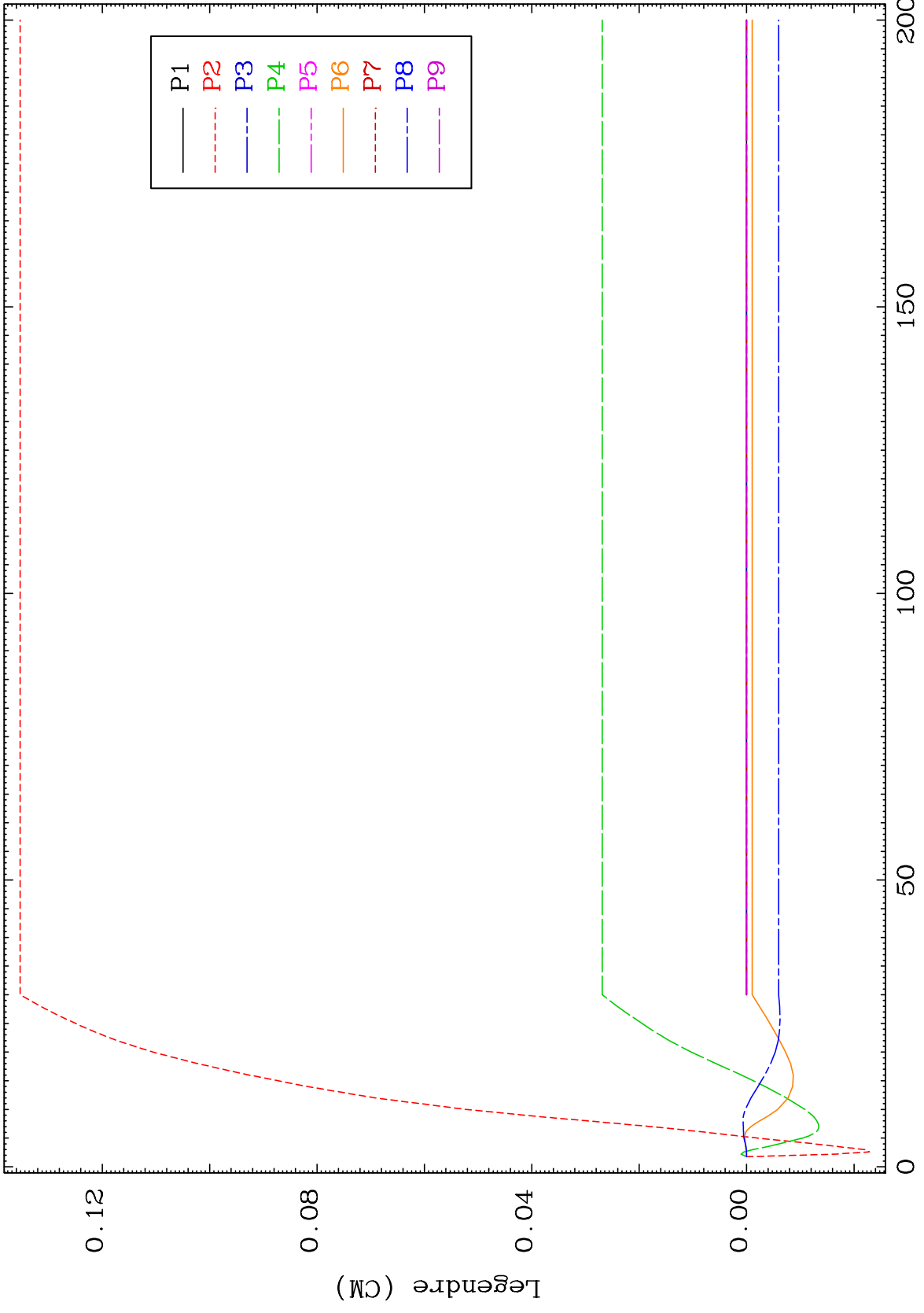
60-Nd-148

Incident Energy (MeV)

112



MAT 6043 MT= 76 (n,n') Level Legendre Coefficients 60-Nd-148

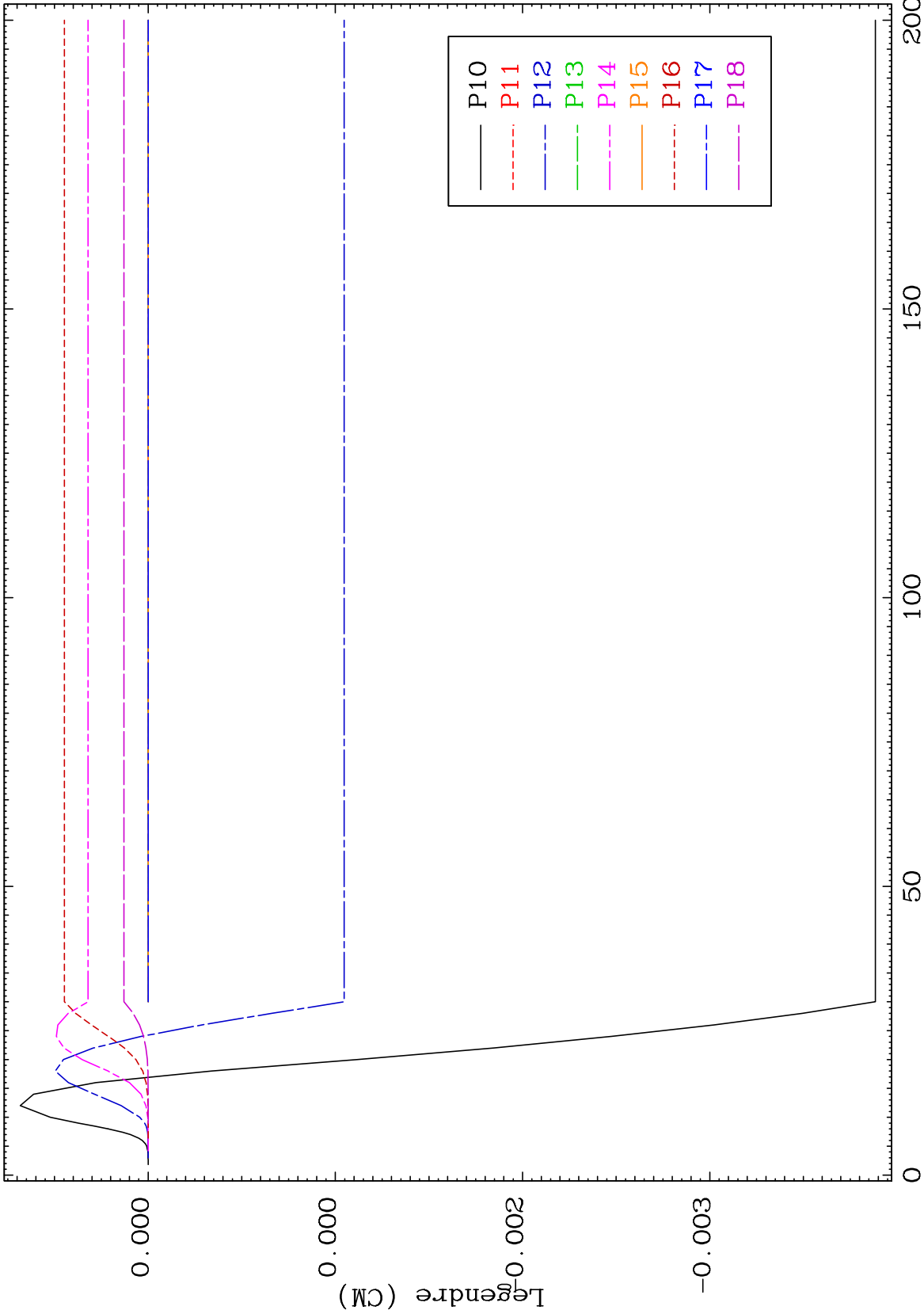


113 60-Nd-148

MAT 6043

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

60-Nd-148

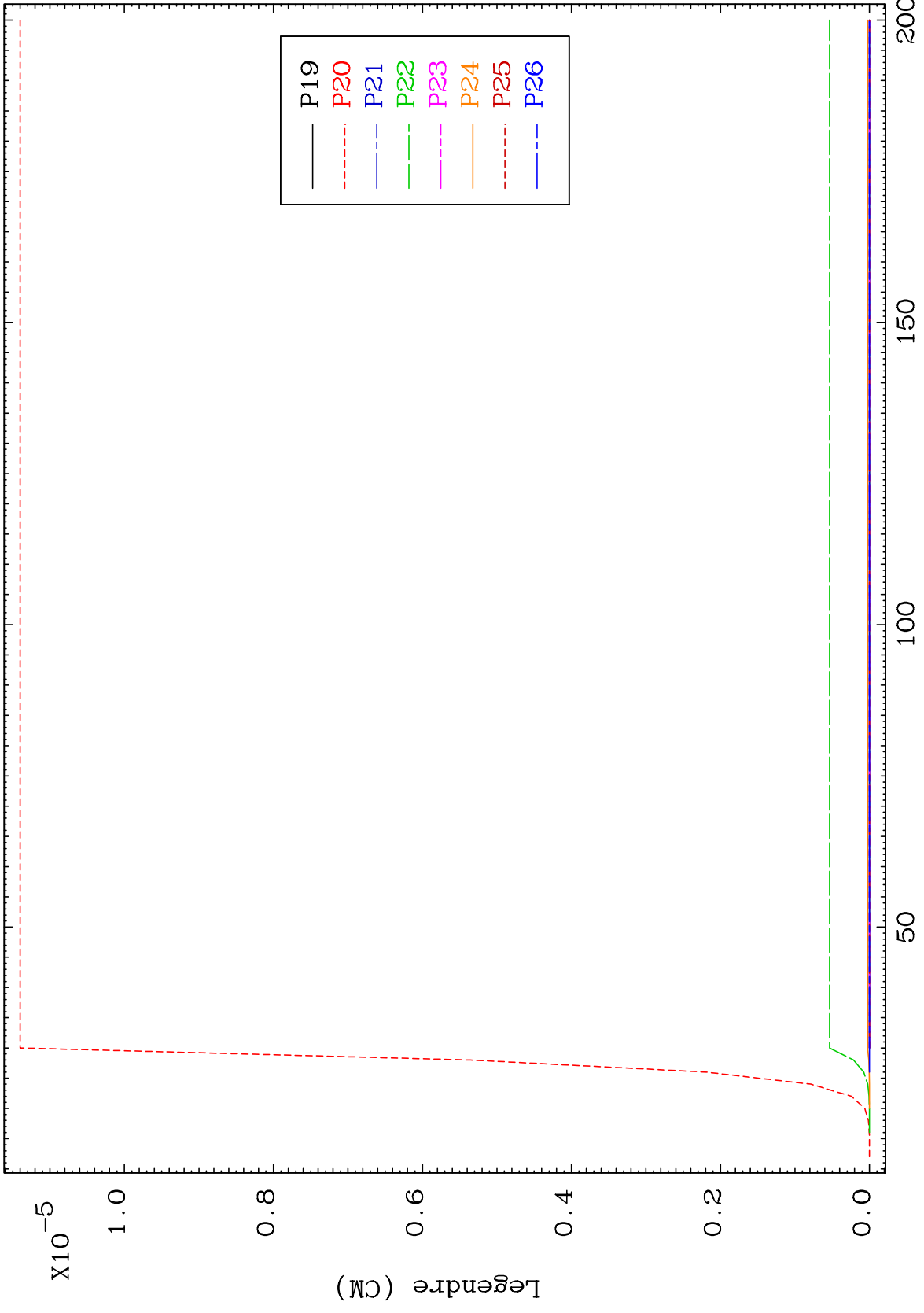


114

Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 76 (n,n') Level Legendre Coefficients 60-Nd-148

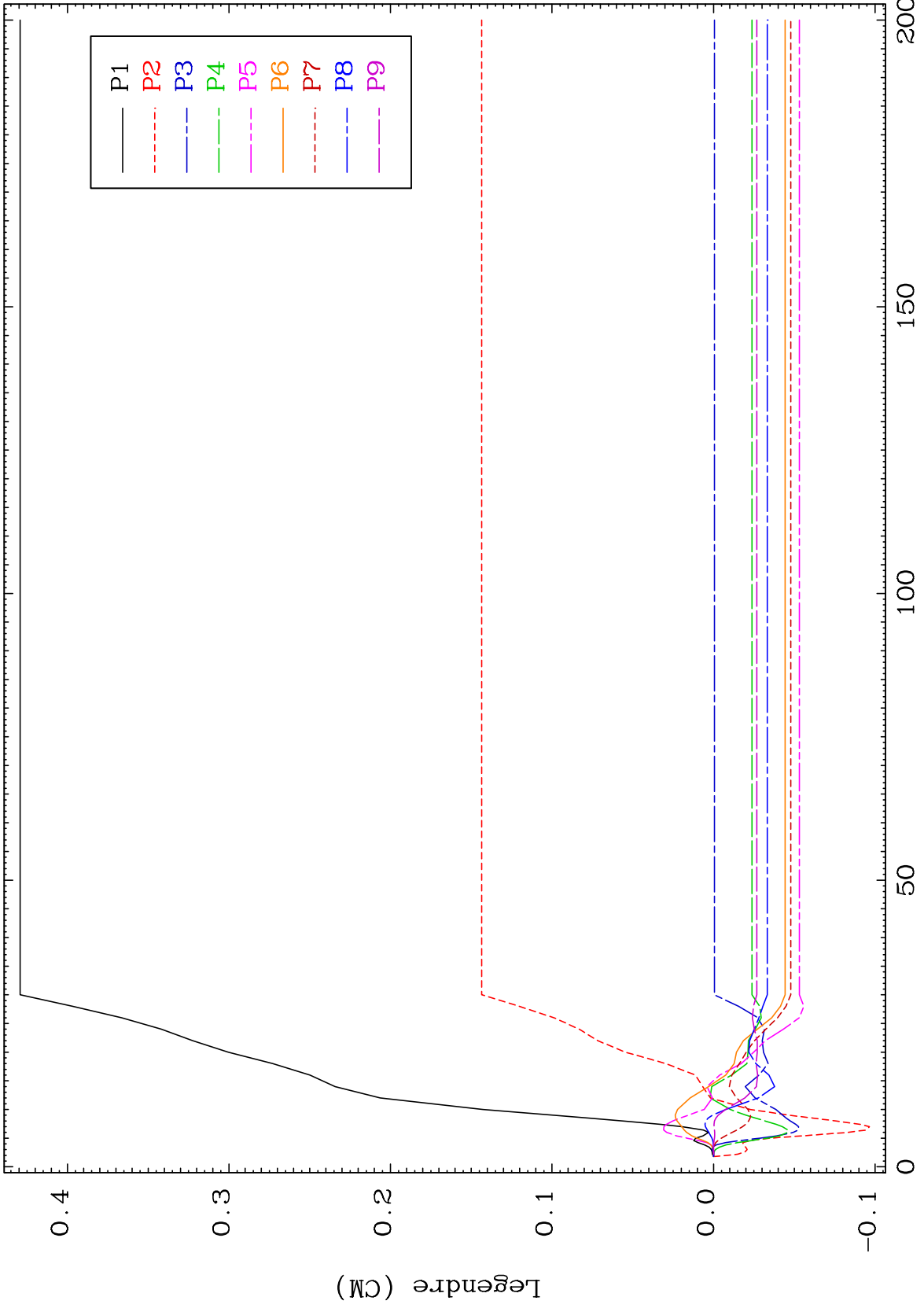


115 Incident Energy (MeV) 60-Nd-148

MAT 6043

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

60-Nd-148

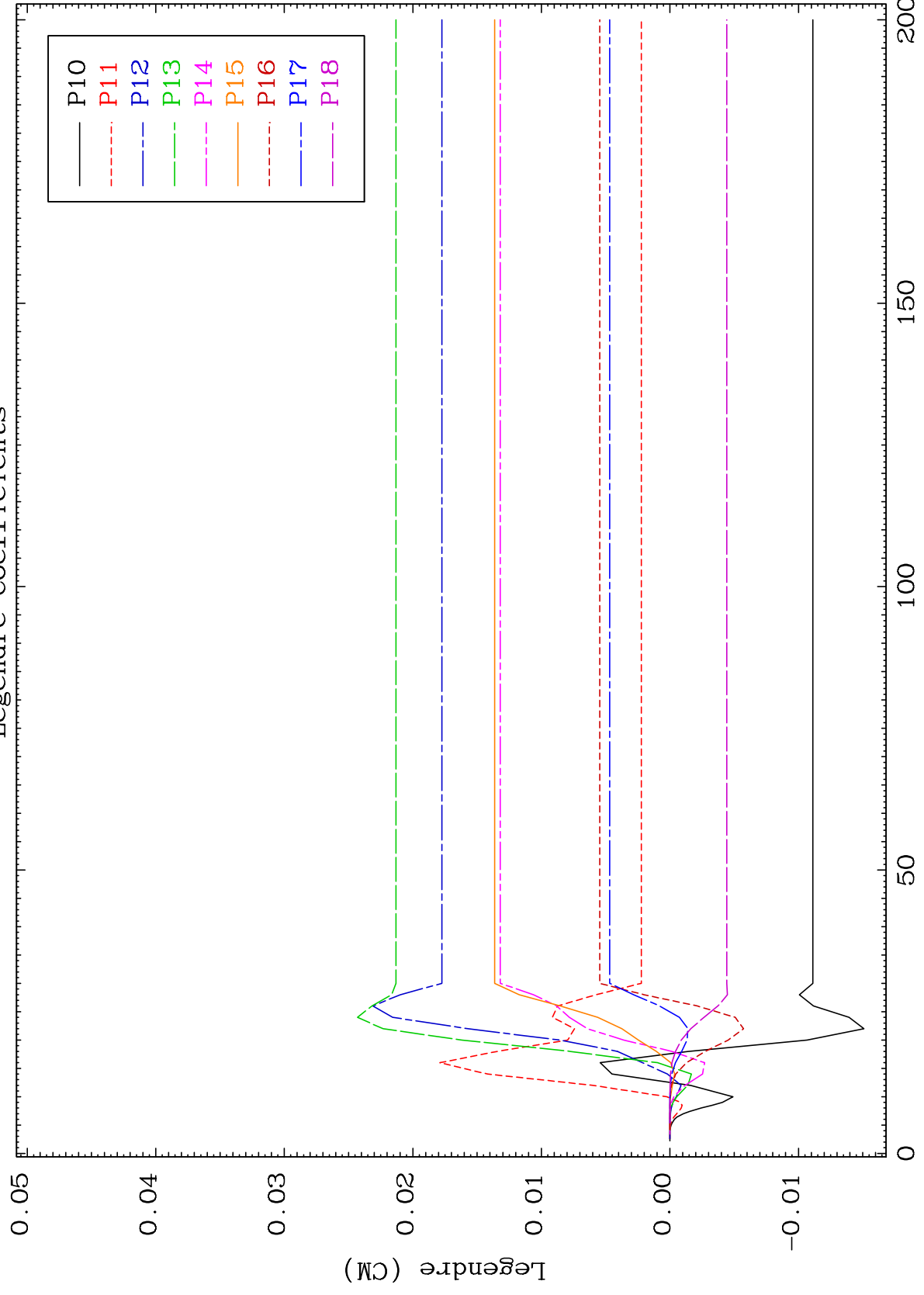


116

Incident Energy (MeV)

60-Nd-148

MAT 6043 MT= 77 (n,n') Level Legendre Coefficients 60-Nd-148

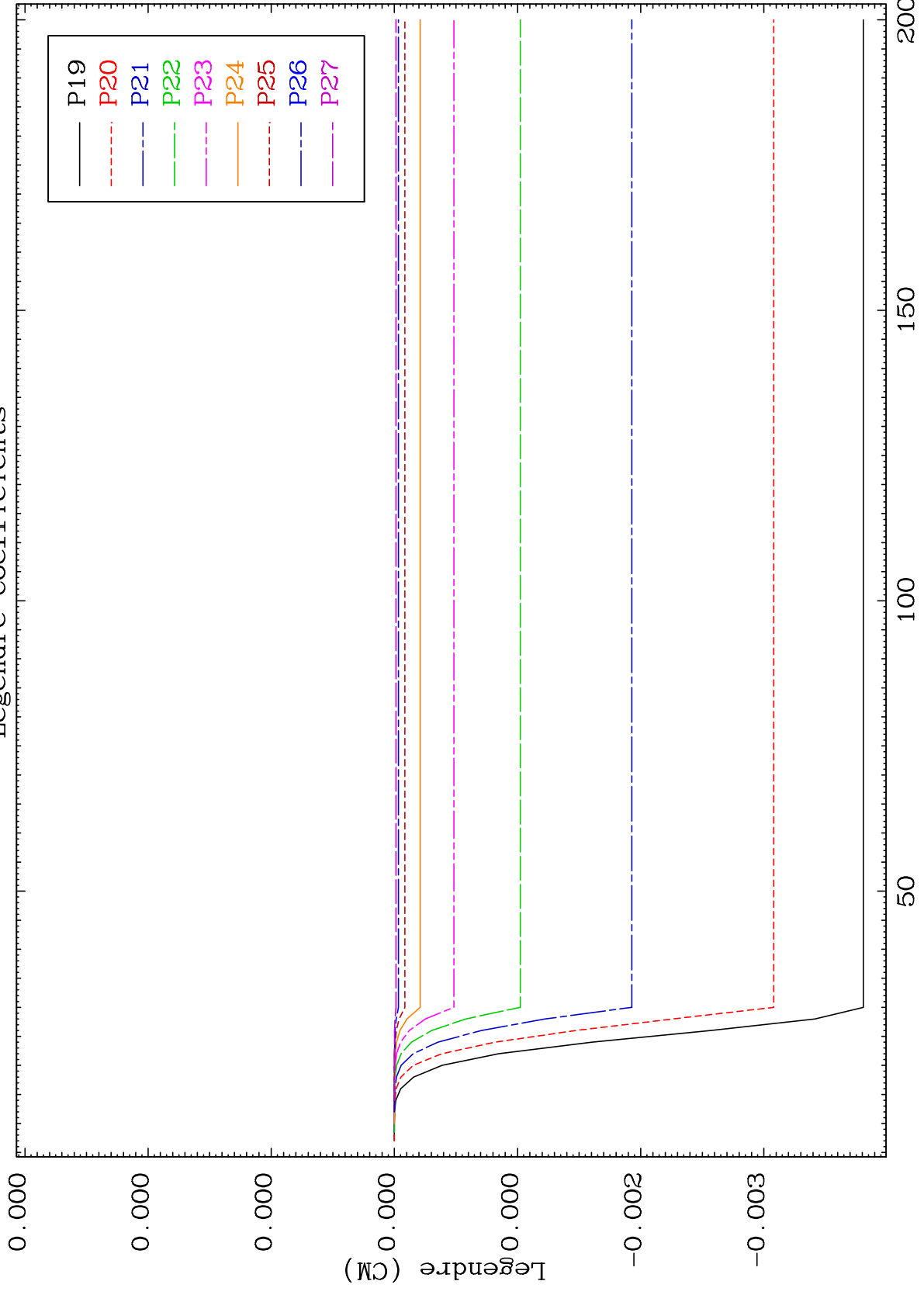


117 60-Nd-148

MAT 6043

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

60-Nd-148



118

Incident Energy (MeV)

60-Nd-148

MAT 6043

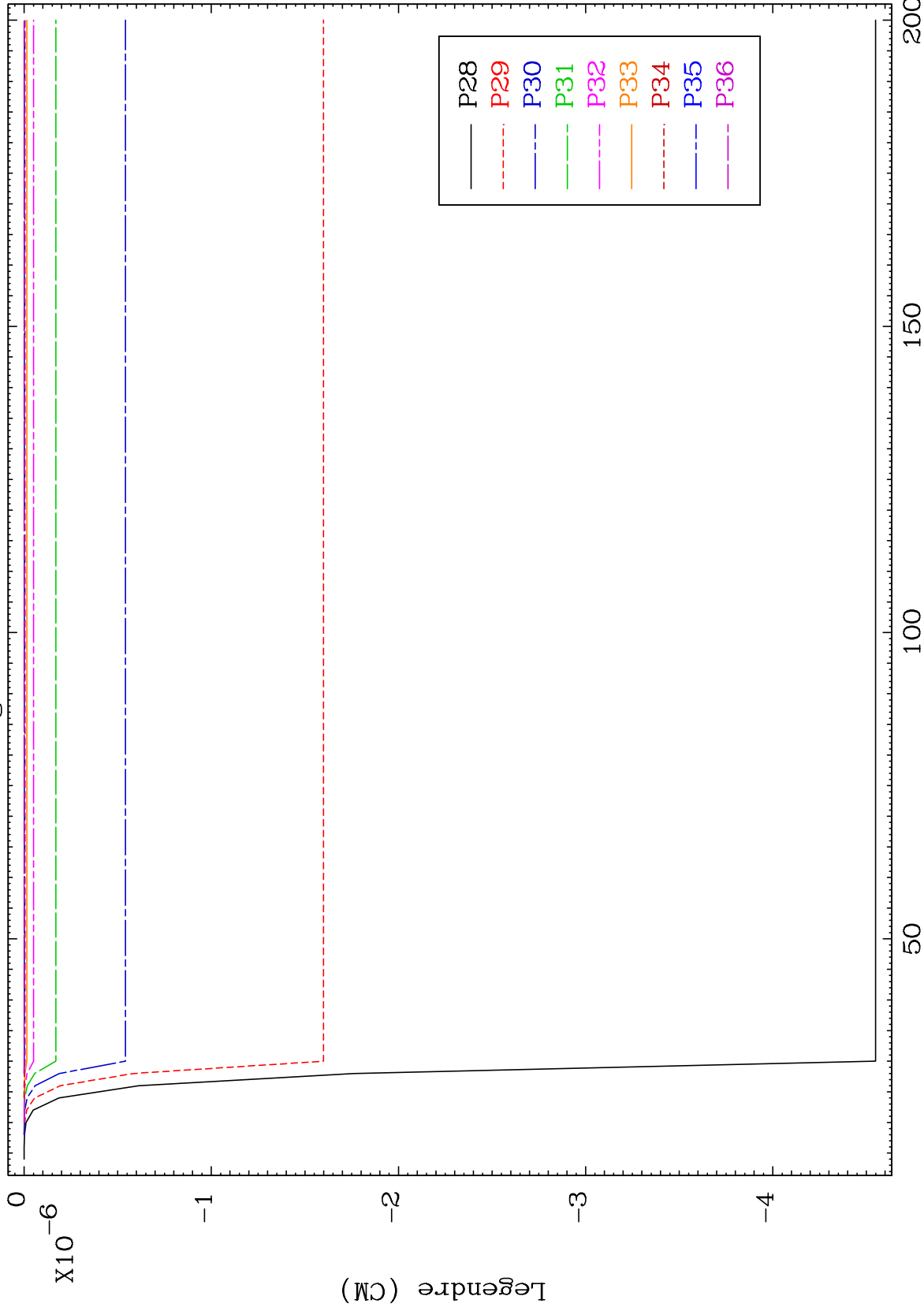
MT= 77 (n,n') Level
Legendre Coefficients

60-Nd-148

60-Nd-148

Incident Energy (MeV)

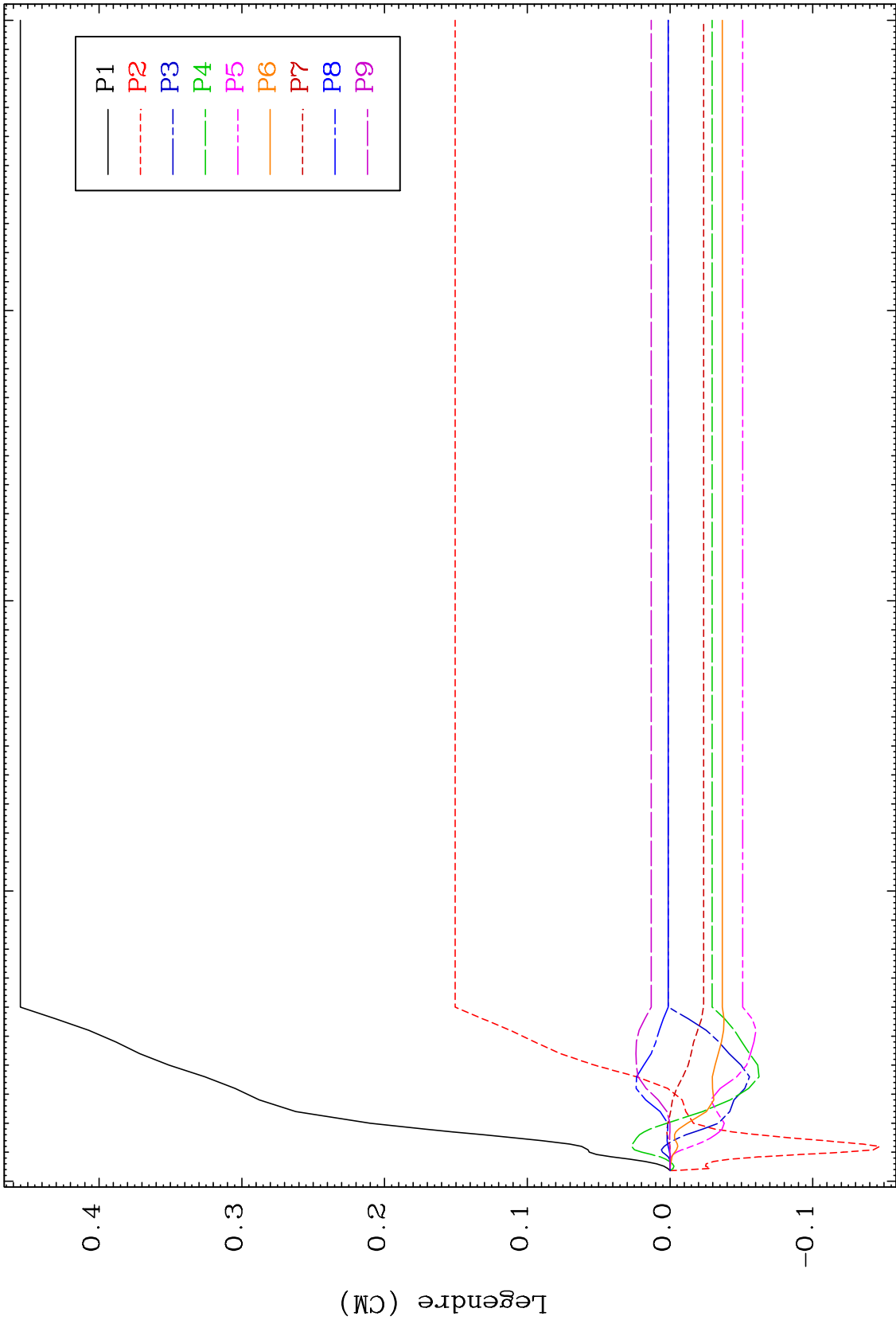
119



MAT 6043

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

60-Nd-148



60-Nd-148

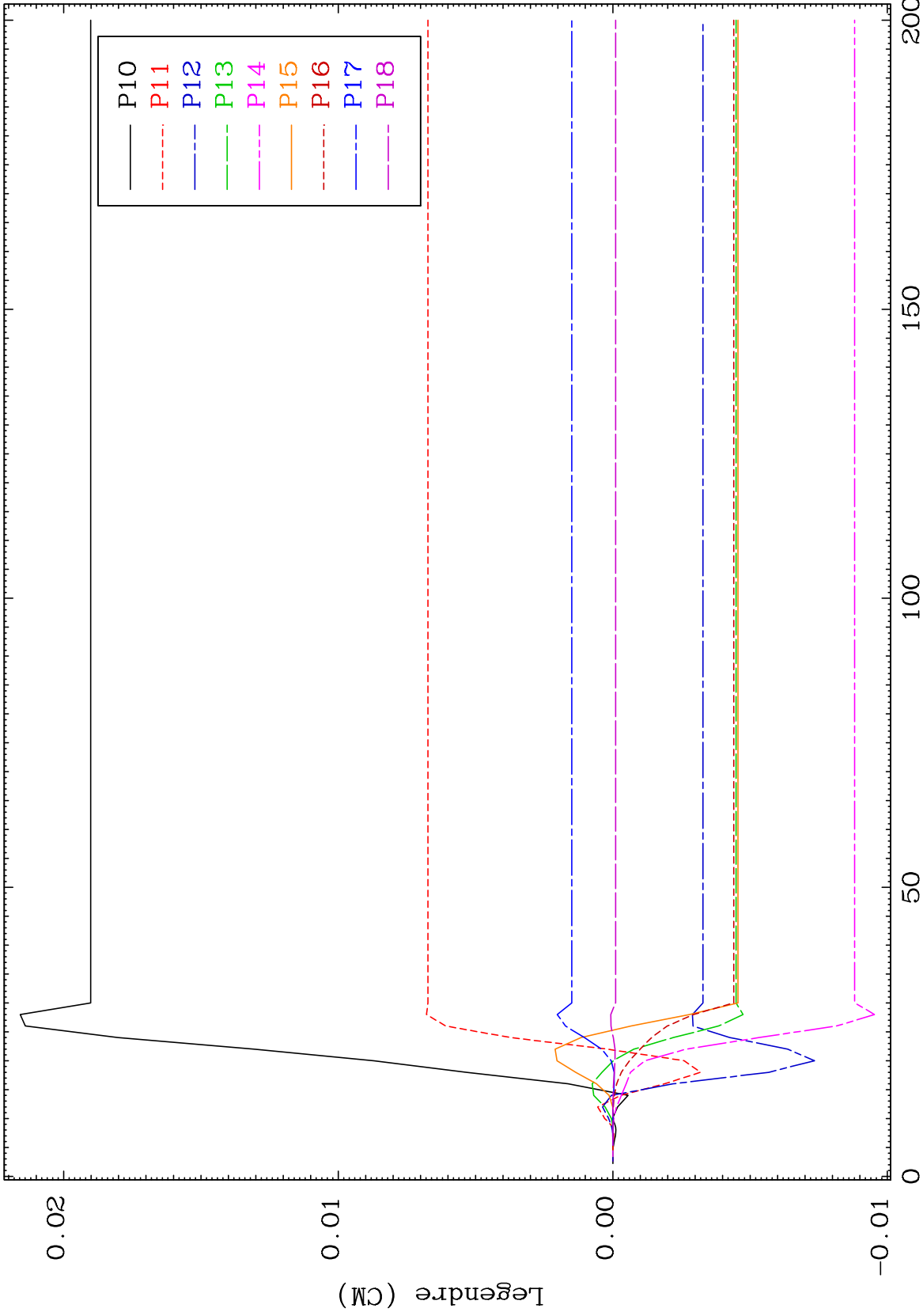
Incident Energy (MeV)

Legendre (CM)

MAT 6043

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

60-Nd-148



121

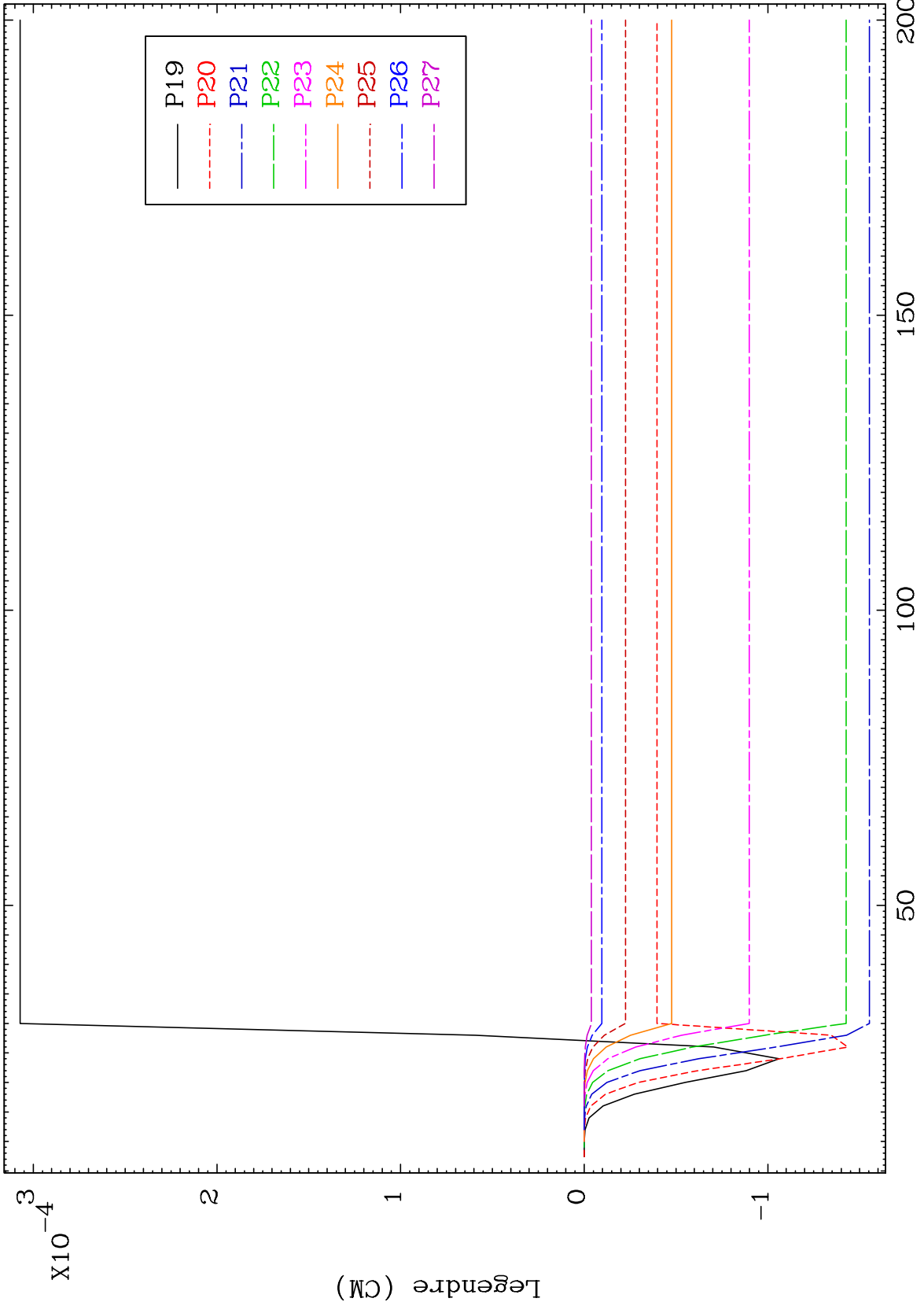
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



122

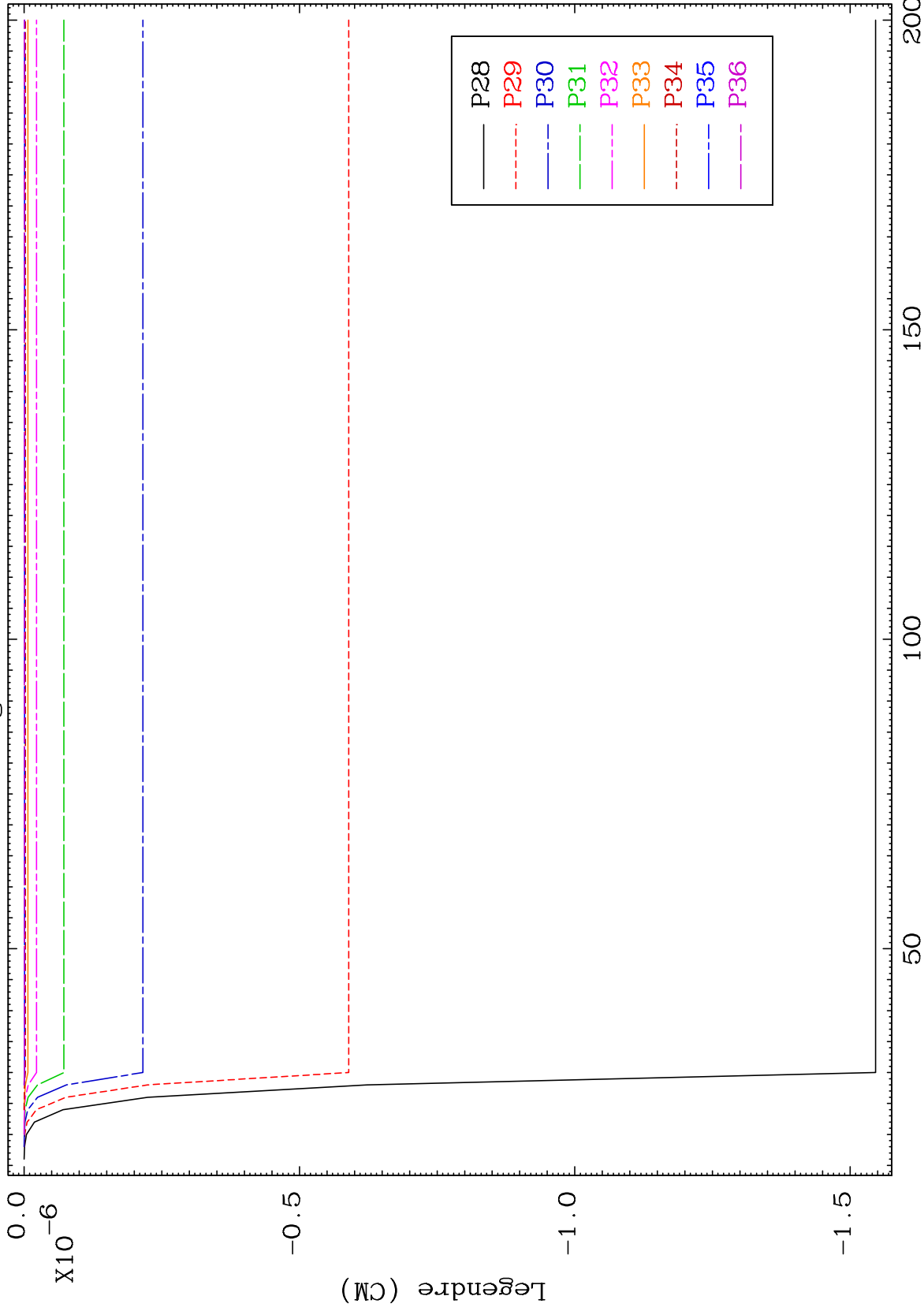
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

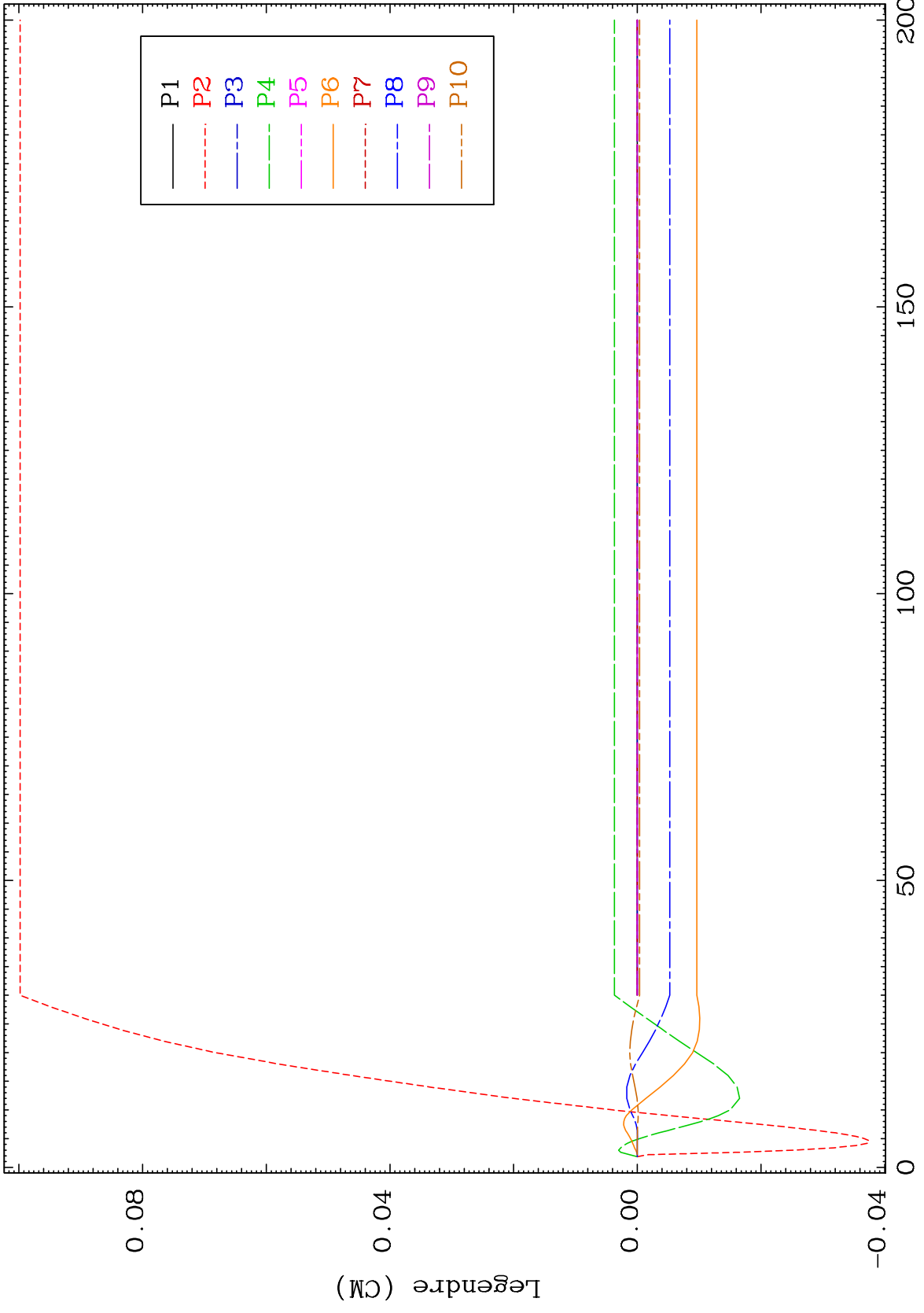
60-Nd-148



123

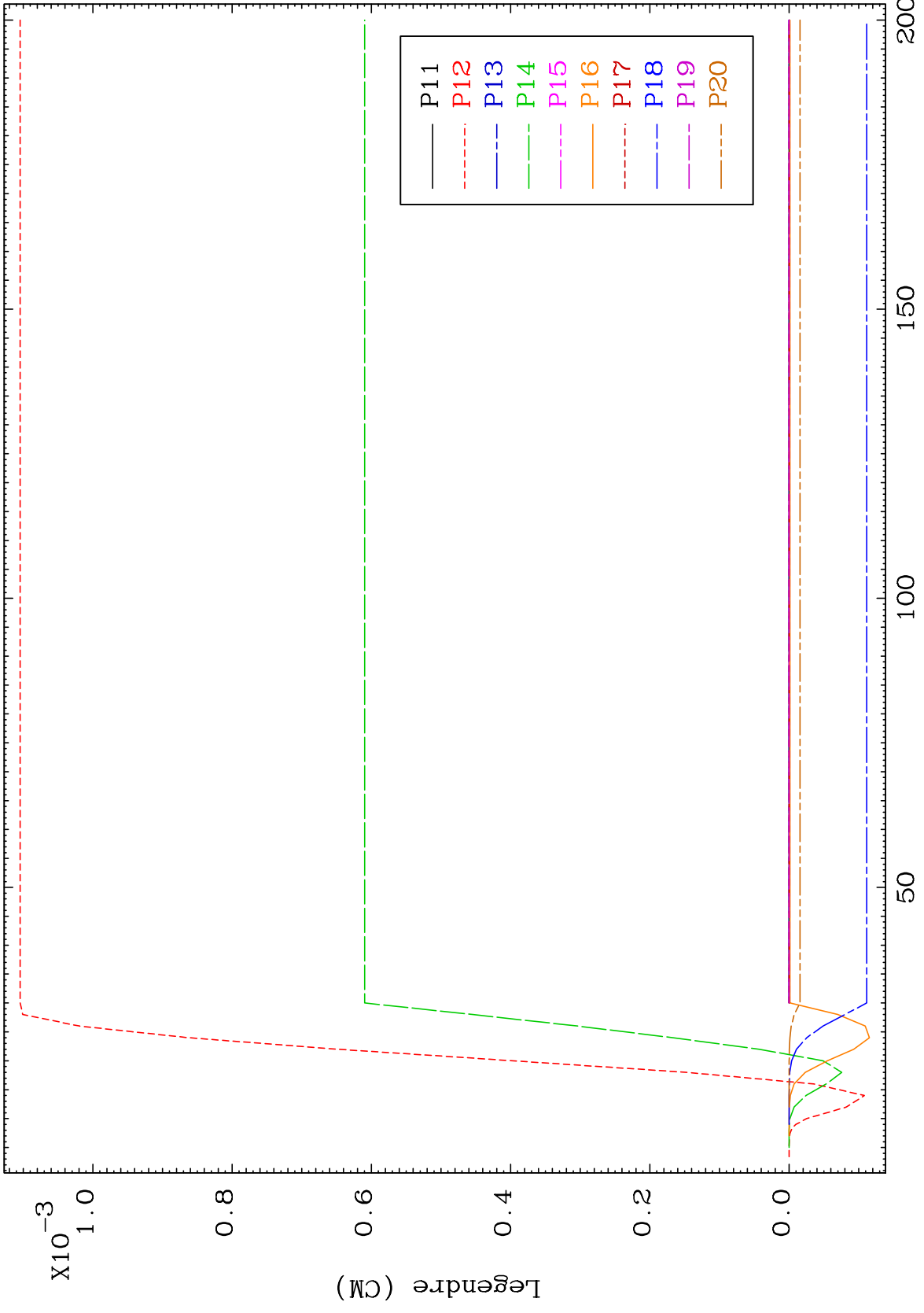
60-Nd-148

MAT 6043 MT= 79 (n,n') Level Legendre Coefficients 60-Nd-148



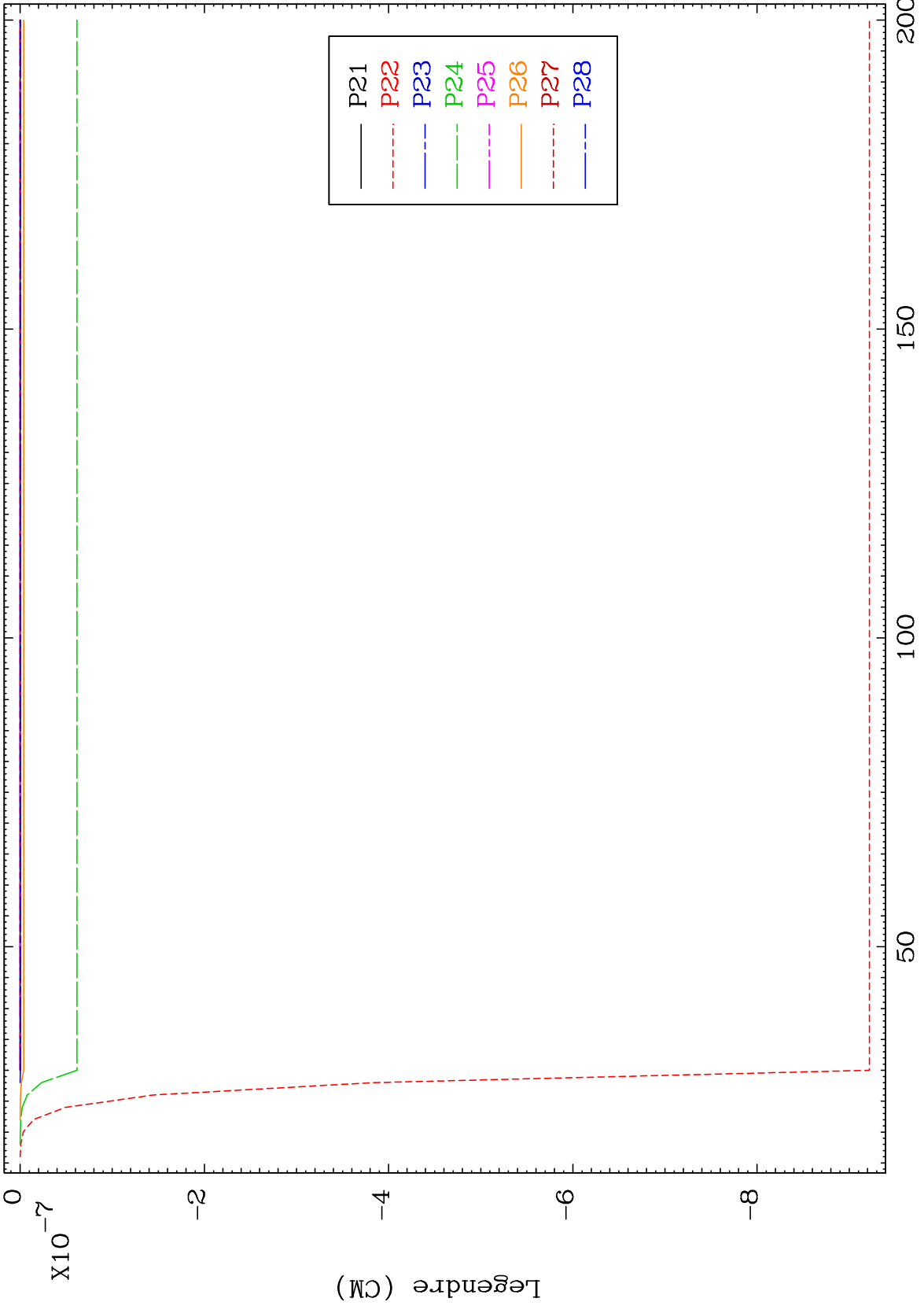
124 Incident Energy (MeV) 60-Nd-148

MAT 6043 MT= 79 (n,n') Level Legendre Coefficients 60-Nd-148



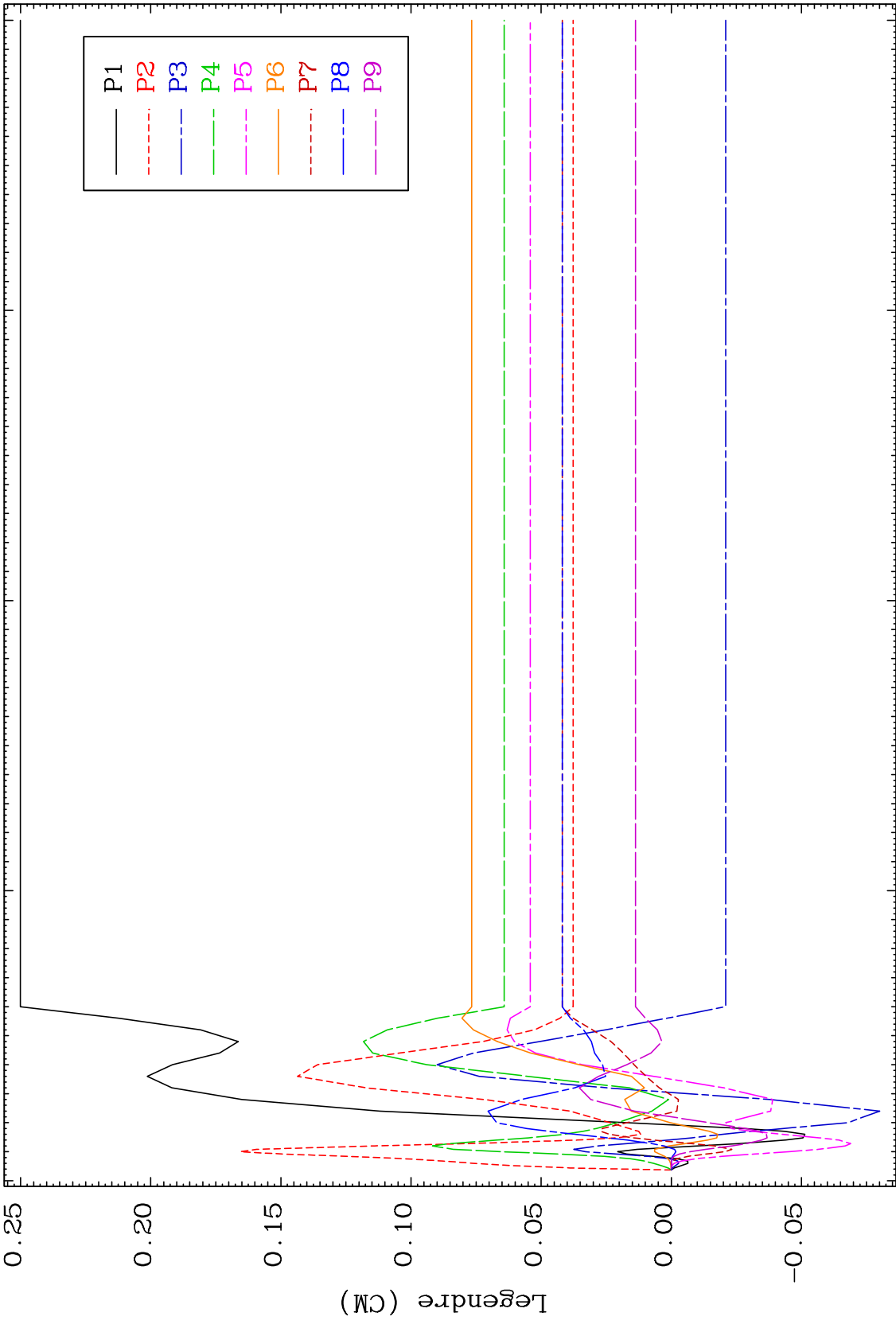
125 Incident Energy (MeV) 60-Nd-148

MAT 6043 MT= 79 (n,n') Level Legendre Coefficients 60-Nd-148



126 60-Nd-148

MAT 6043 MT= 80 (n,n') Level Legendre Coefficients 60-Nd-148

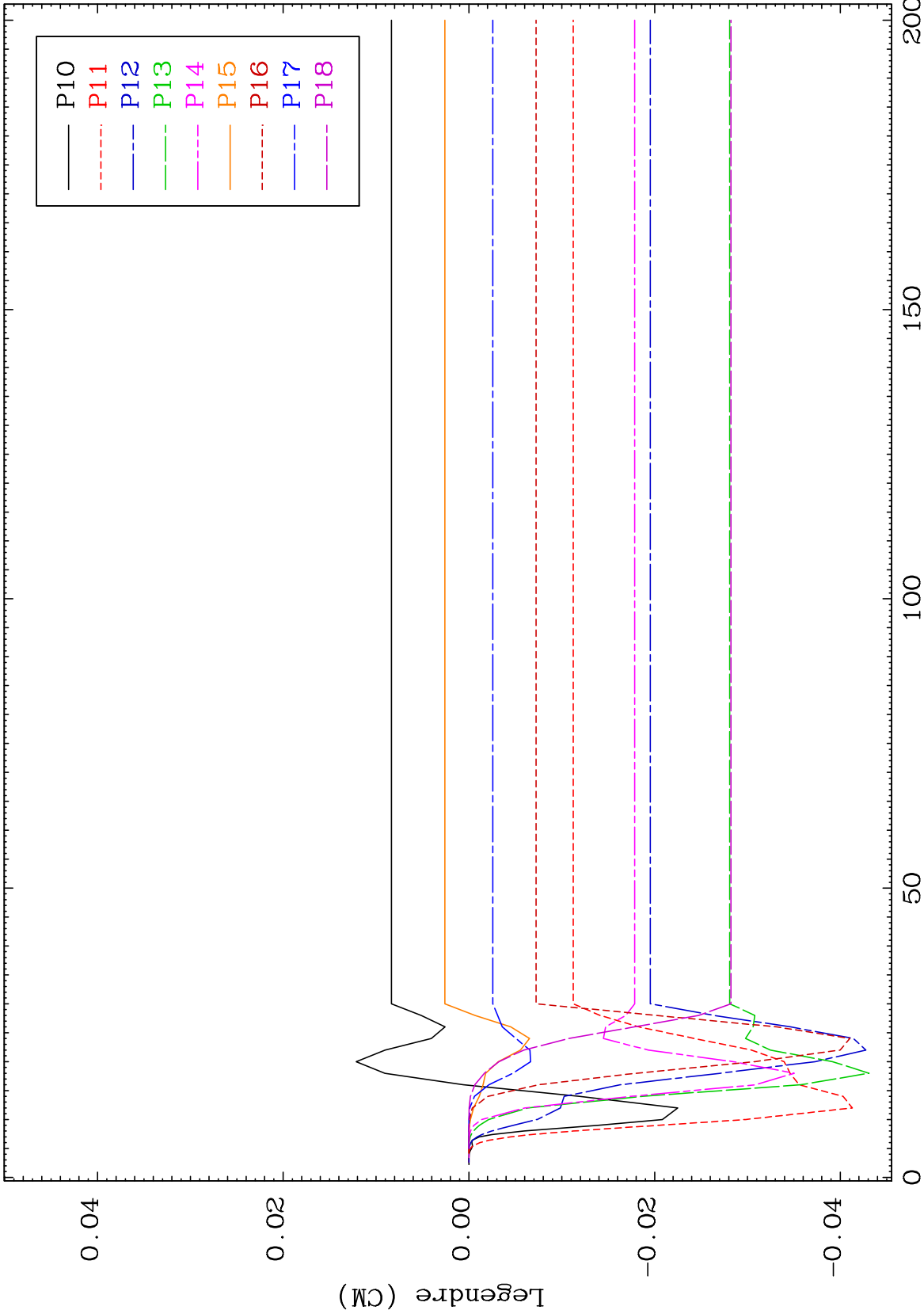


127 Incident Energy (MeV) 60-Nd-148

MAT 6043

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

60-Nd-148

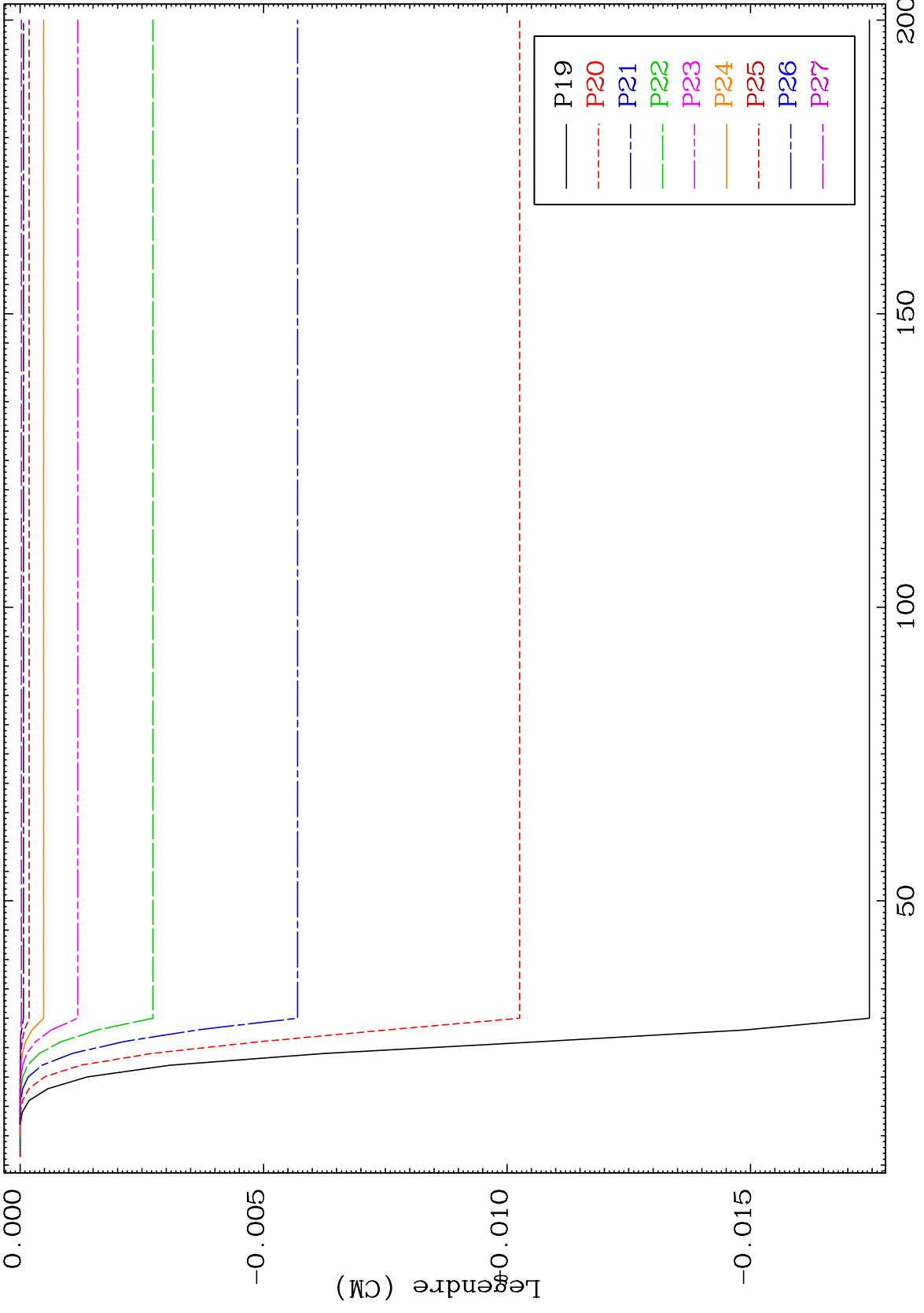


128

Incident Energy (MeV)

60-Nd-148

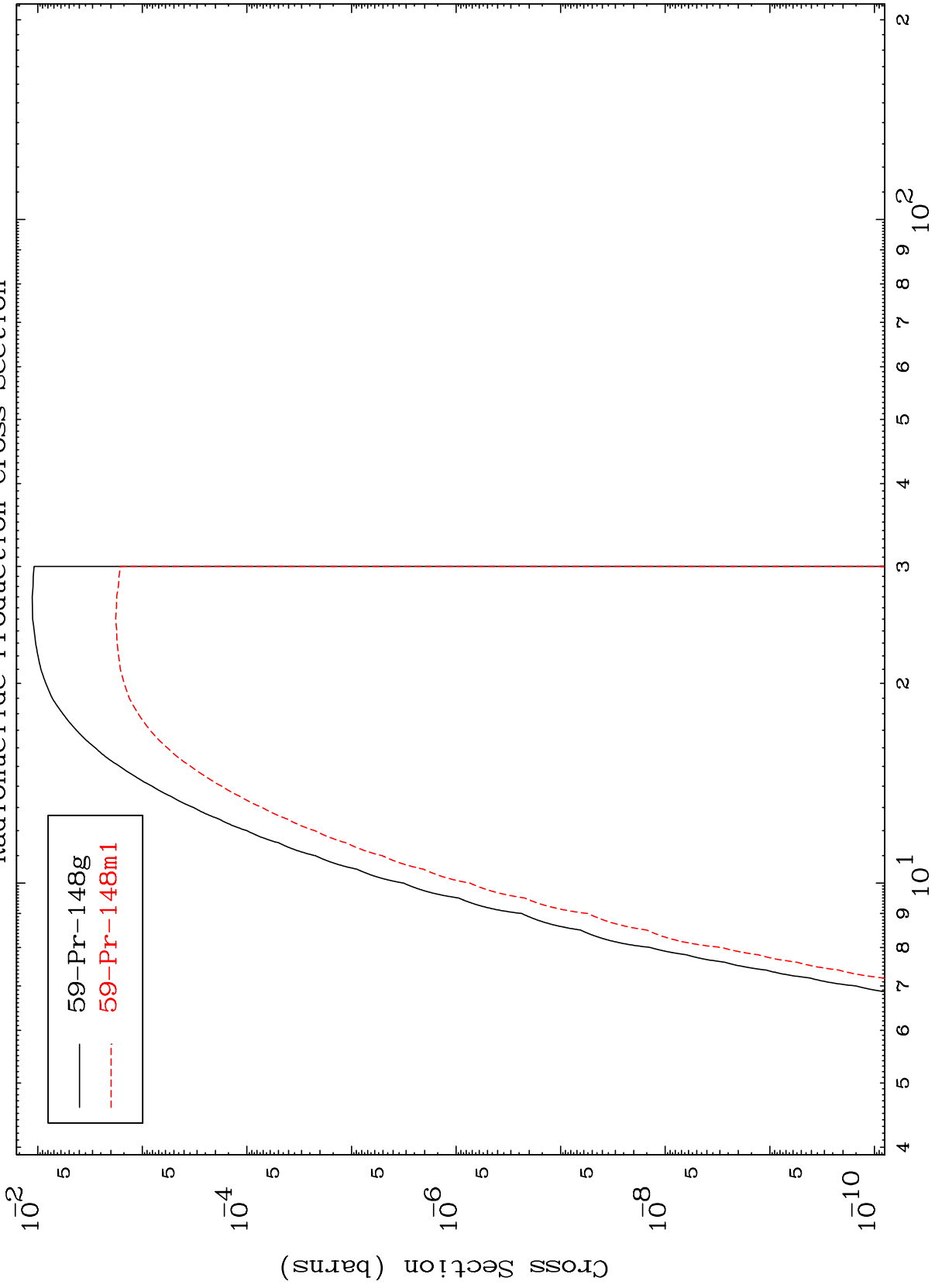
MAT 6043 MT= 80 (n,n') Level Legendre Coefficients 60-Nd-148



MAT 6043

60-Nd-148

(n,p)
Radionuclide Production Cross Section



131

Incident Energy (MeV)

60-Nd-148