

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

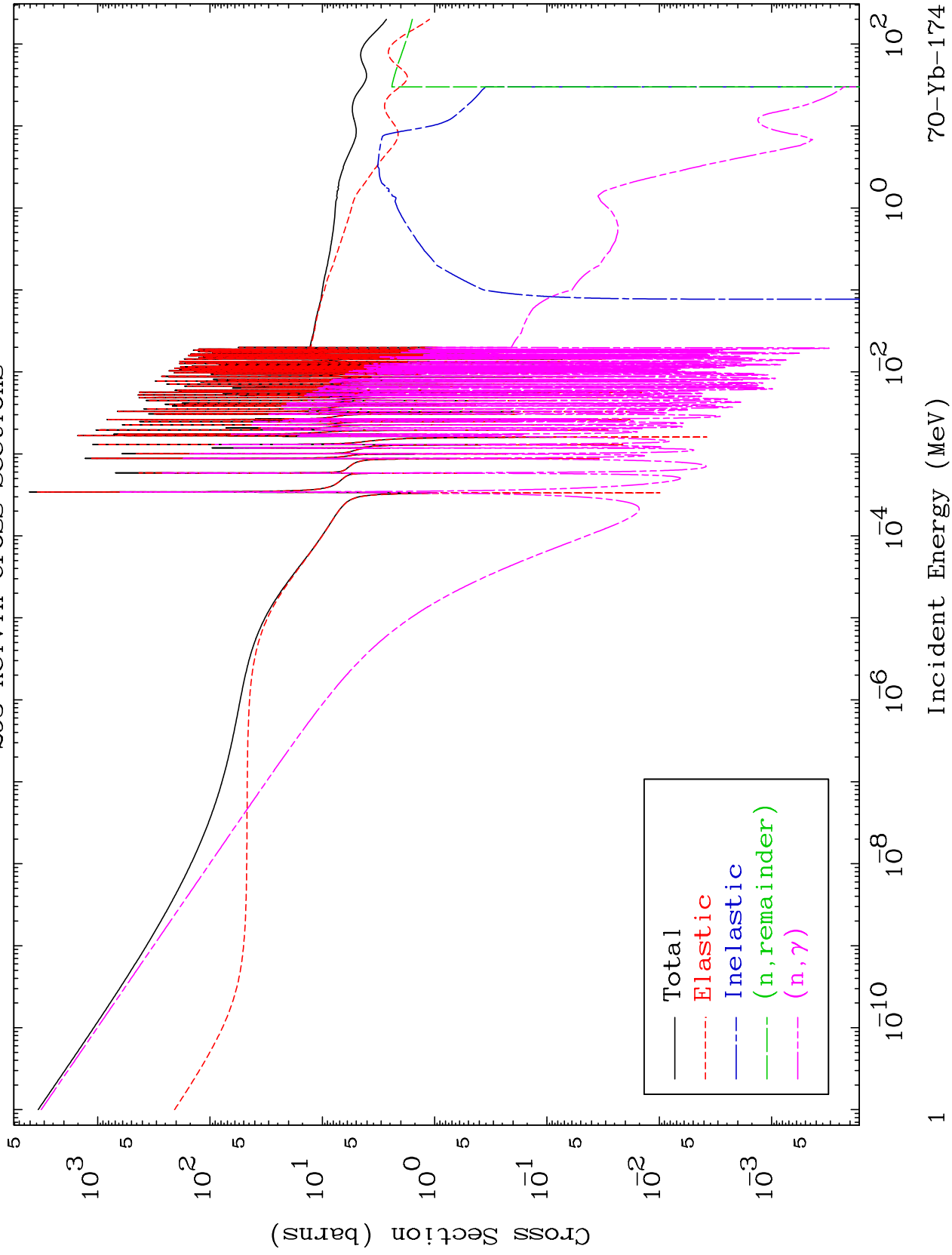
Press Mouse Button to Start

MAT 7043

Major

293 Kelvin Cross Sections

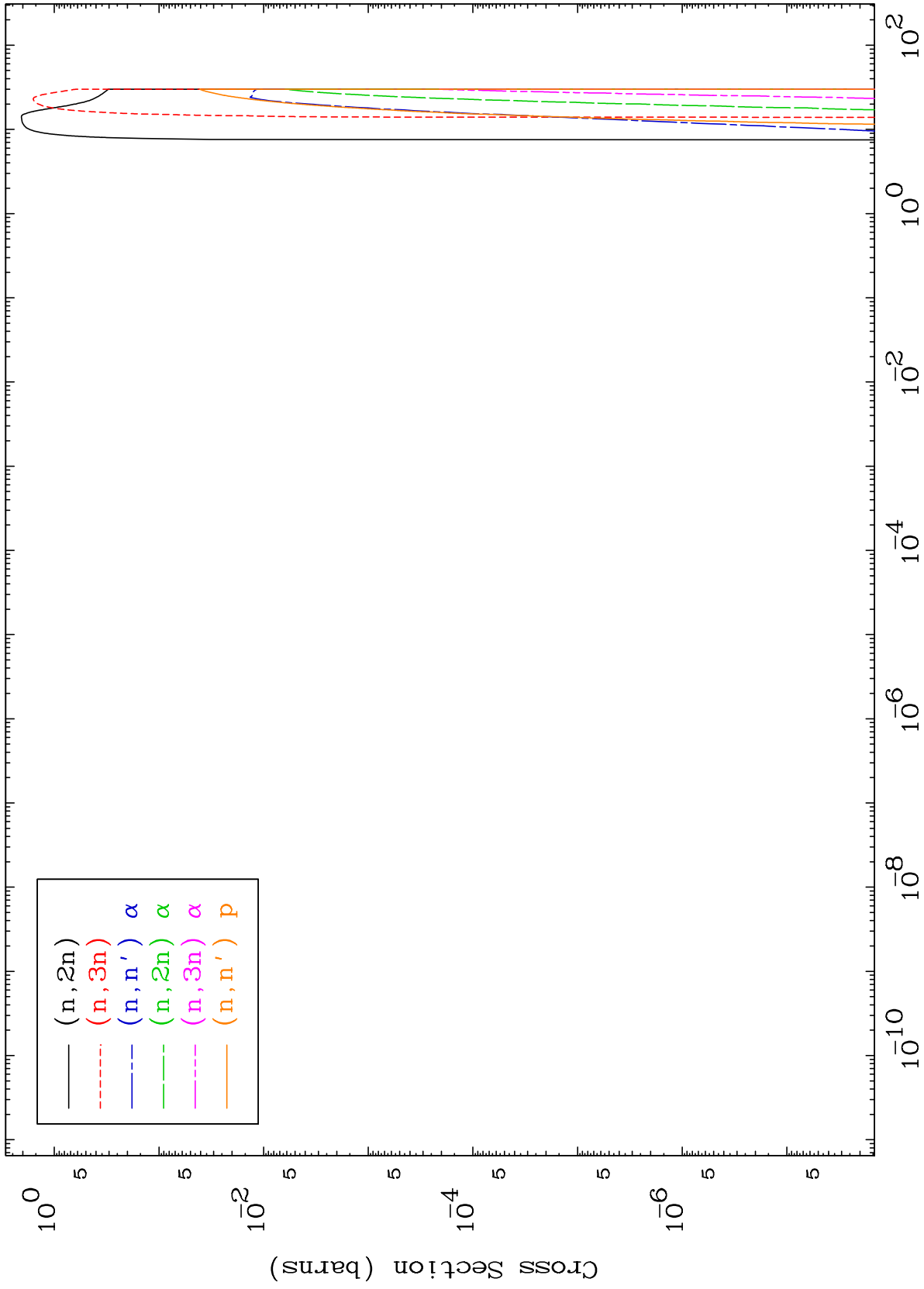
70-Yb-174



MAT 7043

Neutron Production
293 Kelvin Cross Sections

70-Yb-174



2

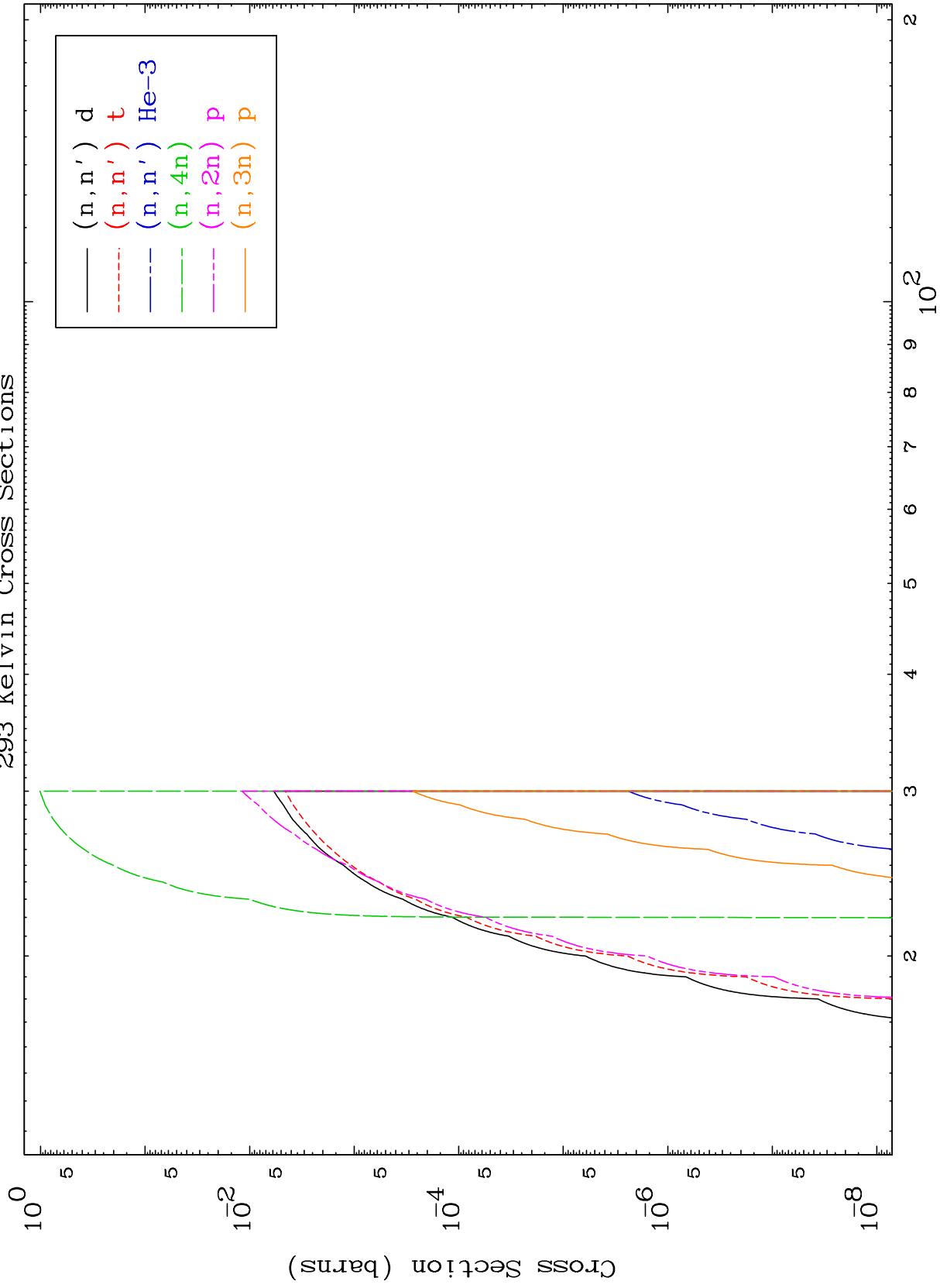
Incident Energy (MeV)

70-Yb-174

MAT 7043

Neutron Production
293 Kelvin Cross Sections

70-Yb-174



3

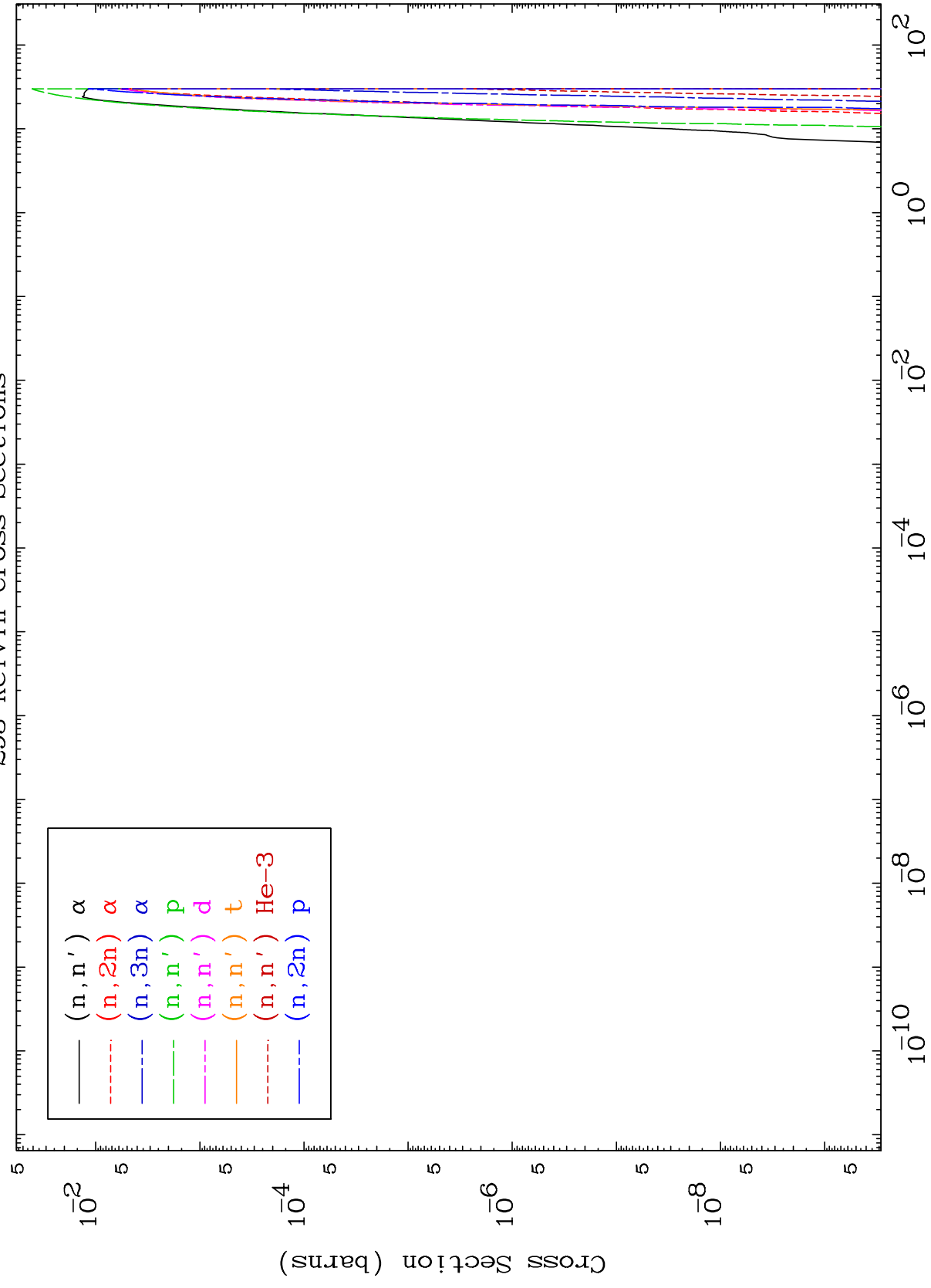
Incident Energy (MeV)

70-Yb-174

MAT 7043

293 Kelvin Cross Sections

70-Yb-174

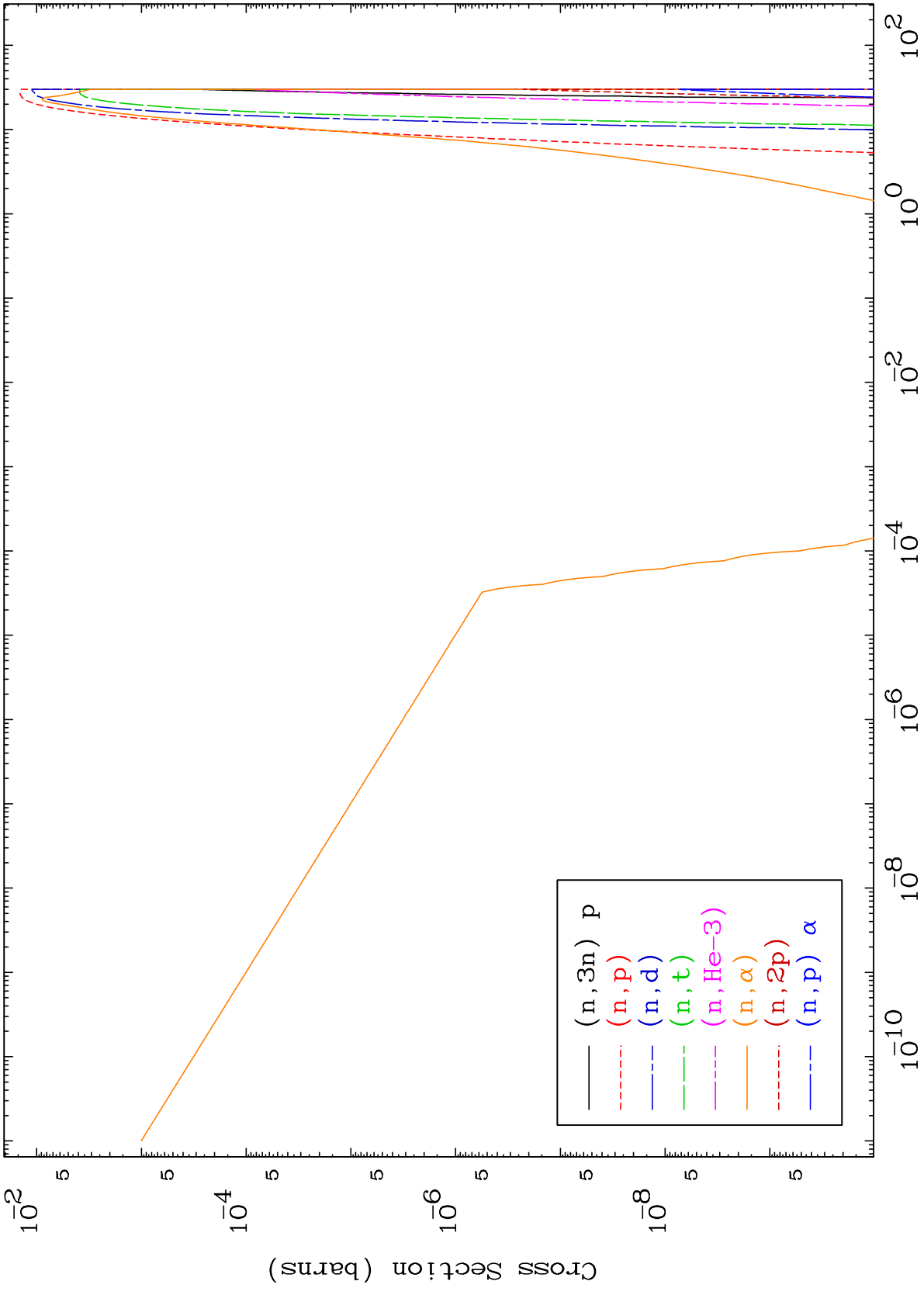


70-Yb-174

MAT 7043

Charged Particle
293 Kelvin Cross Sections

70-Yb-174



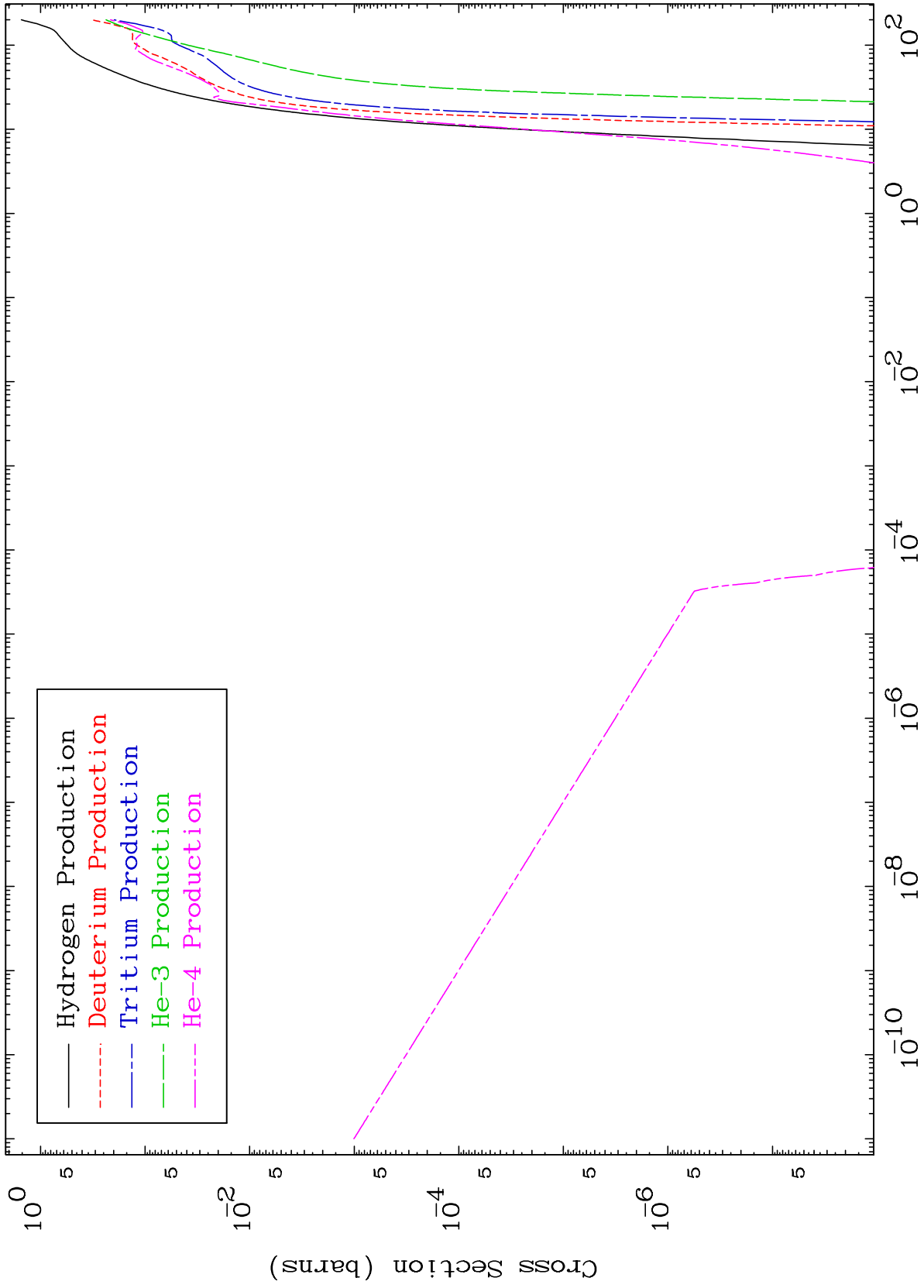
5

70-Yb-174

MAT 7043

Particle Production
293 Kelvin Cross Sections

70-Yb-174



6

Incident Energy (MeV)

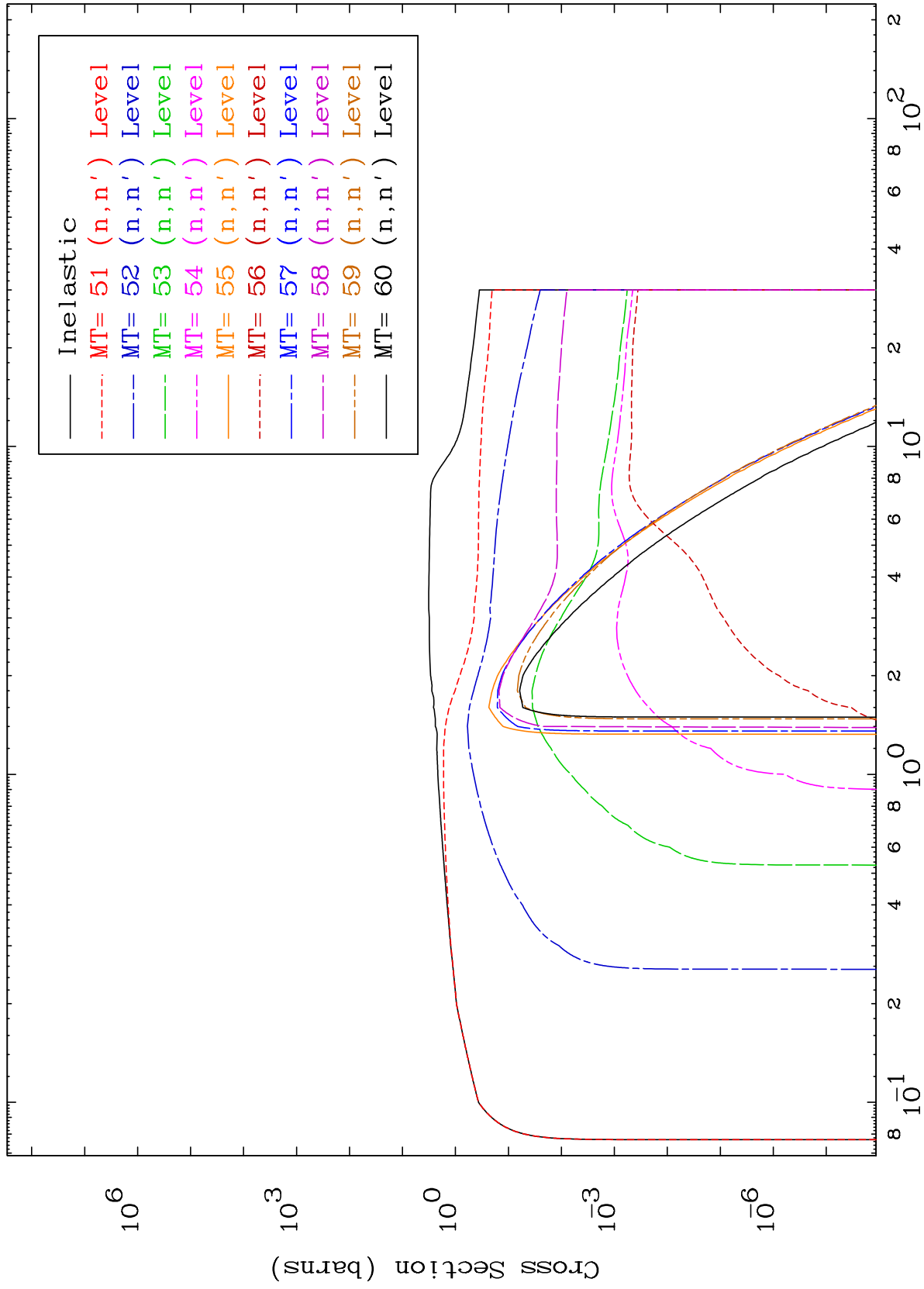
70-Yb-174

MAT 7043

(n,n') Level

293 Kelvin Cross Sections

70-Yb-174



7

Incident Energy (MeV)

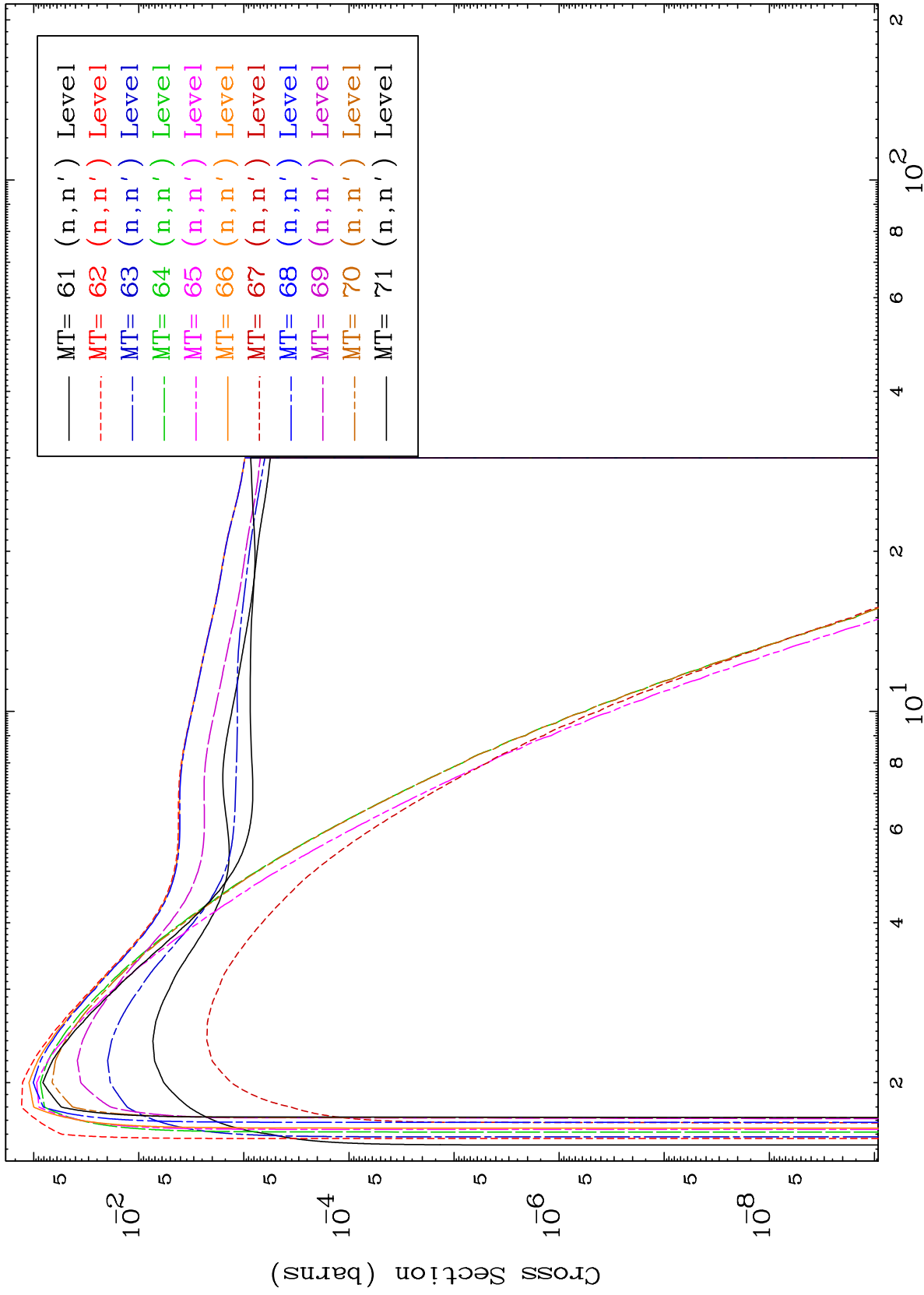
70-Yb-174

MAT 7043

(n,n') Level

70-Yb-174

293 Kelvin Cross Sections



8

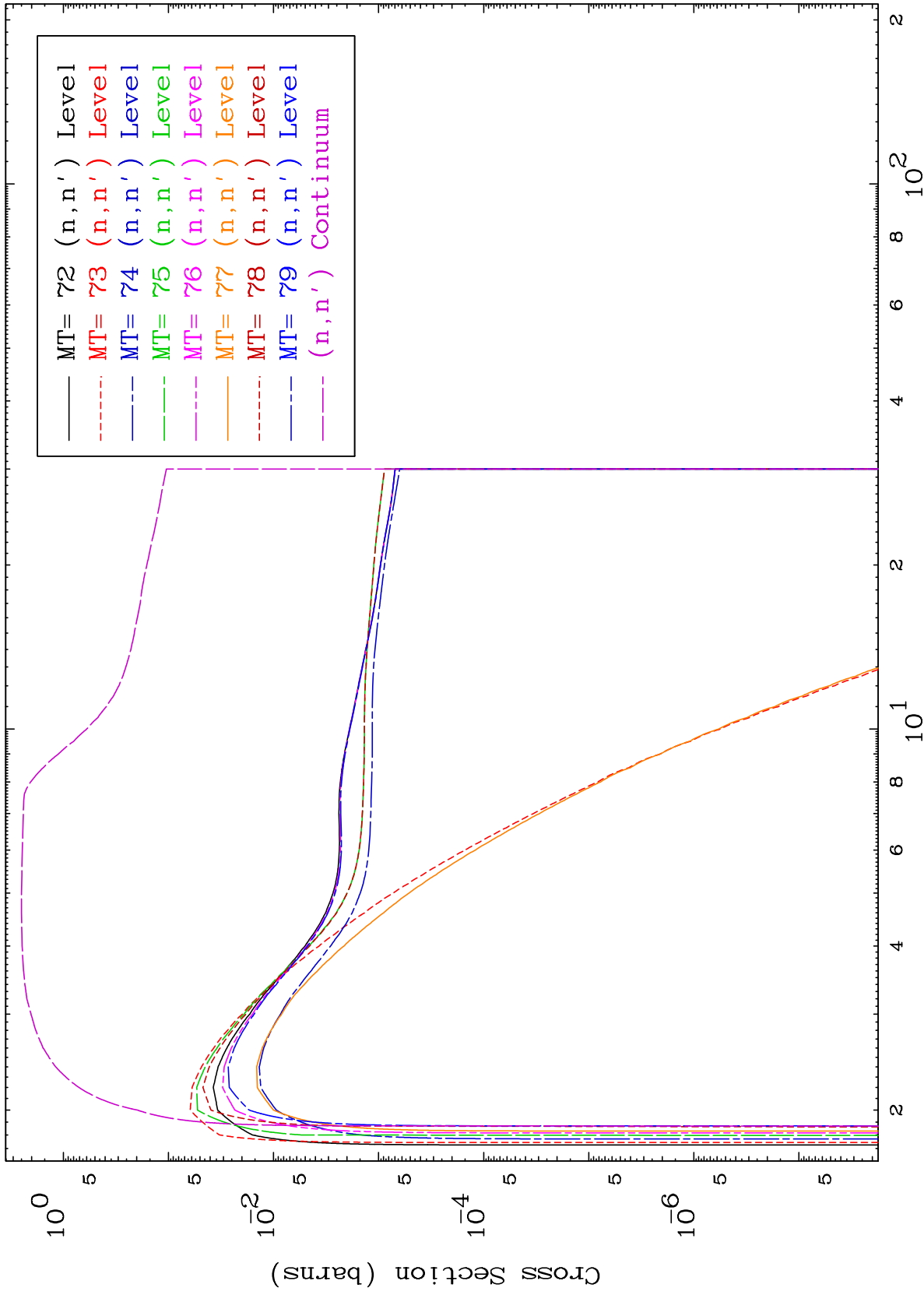
Incident Energy (MeV)

70-Yb-174

MAT 7043

(n,n') Level
293 Kelvin Cross Sections

70-Yb-174



9

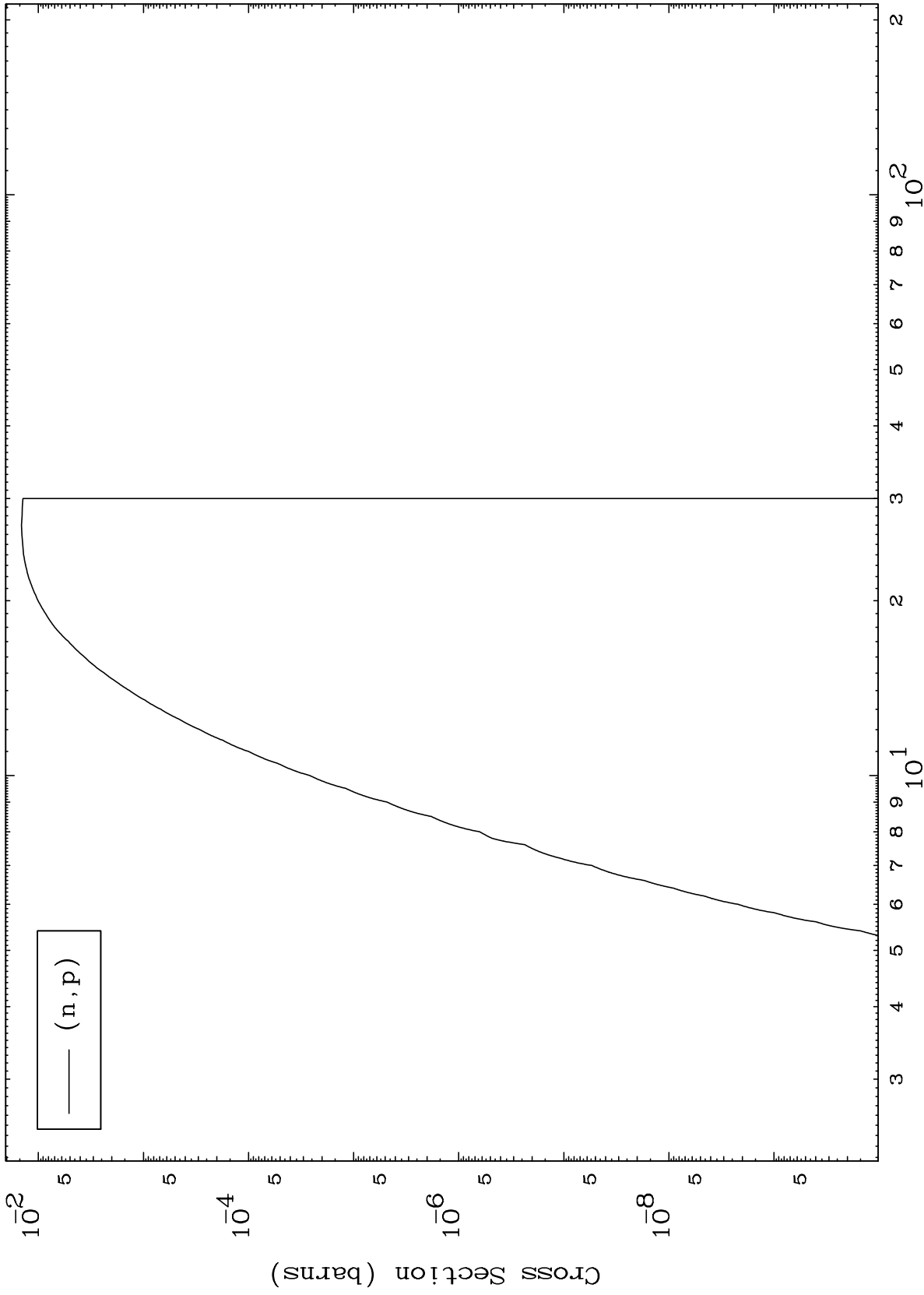
Incident Energy (MeV)

70-Yb-174

MAT 7043

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-174



10

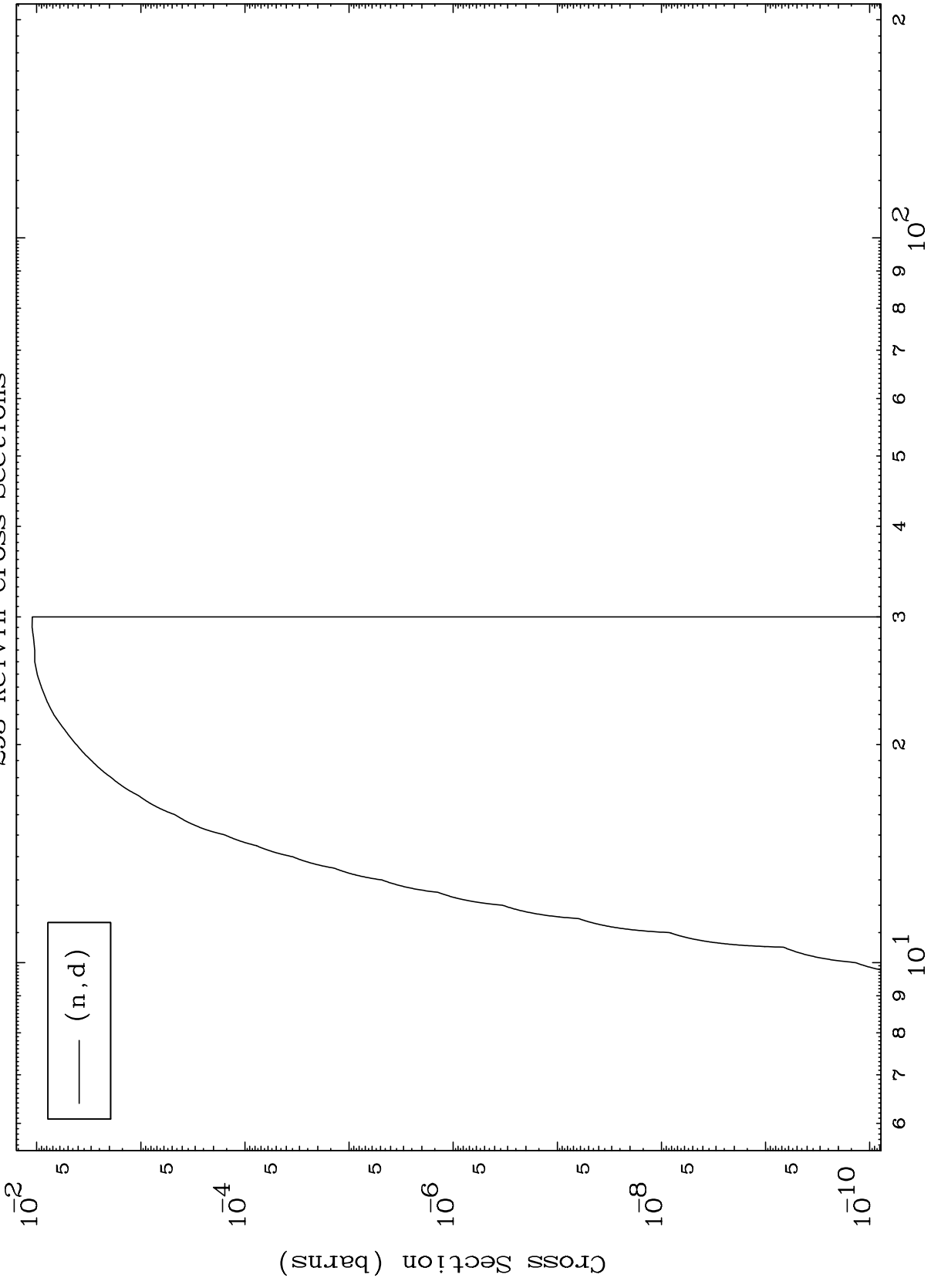
Incident Energy (MeV)

70-Yb-174

MAT 7043

(n,d) Levels
293 Kelvin Cross Sections

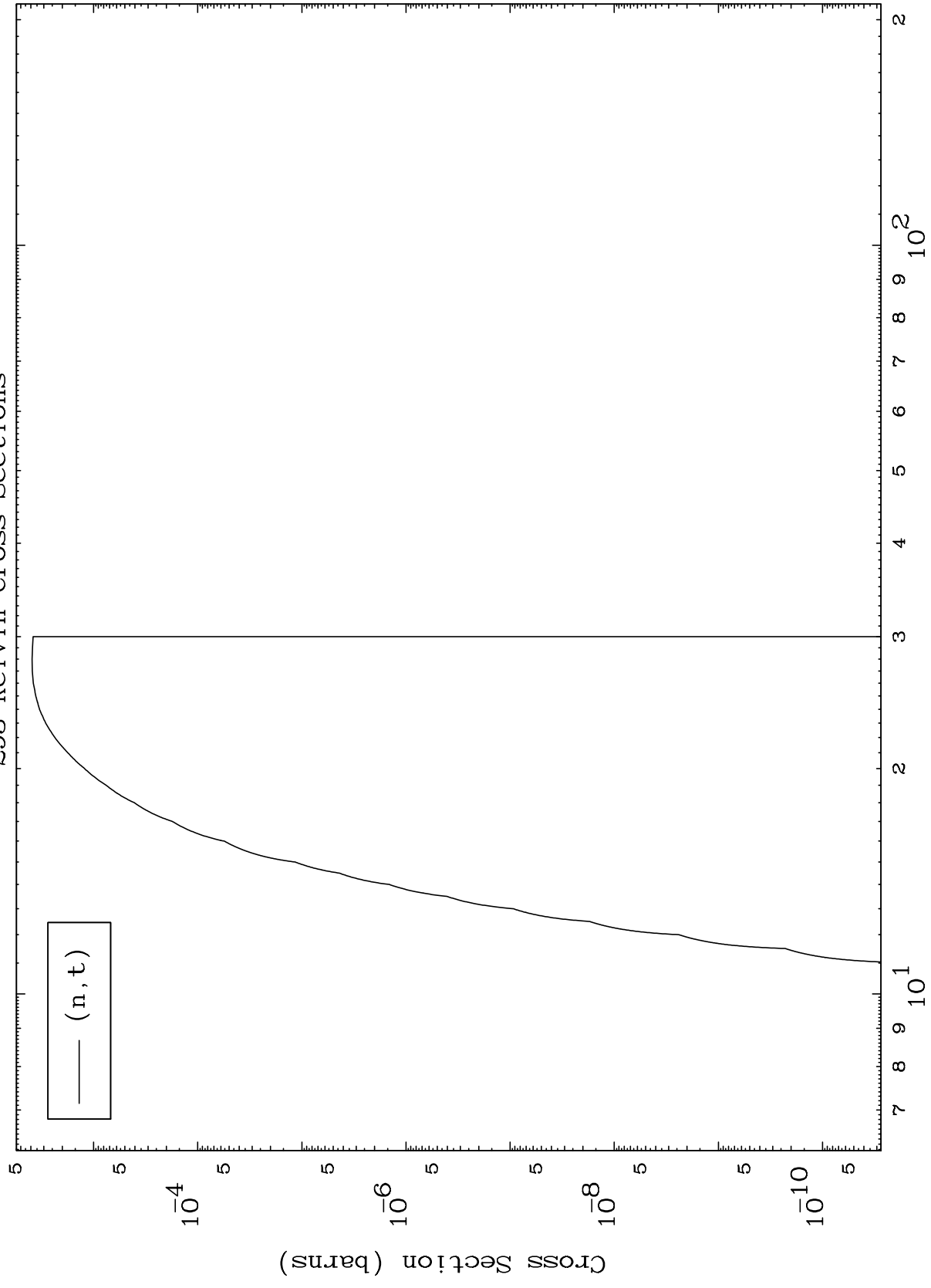
70-Yb-174



MAT 7043

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-174



12

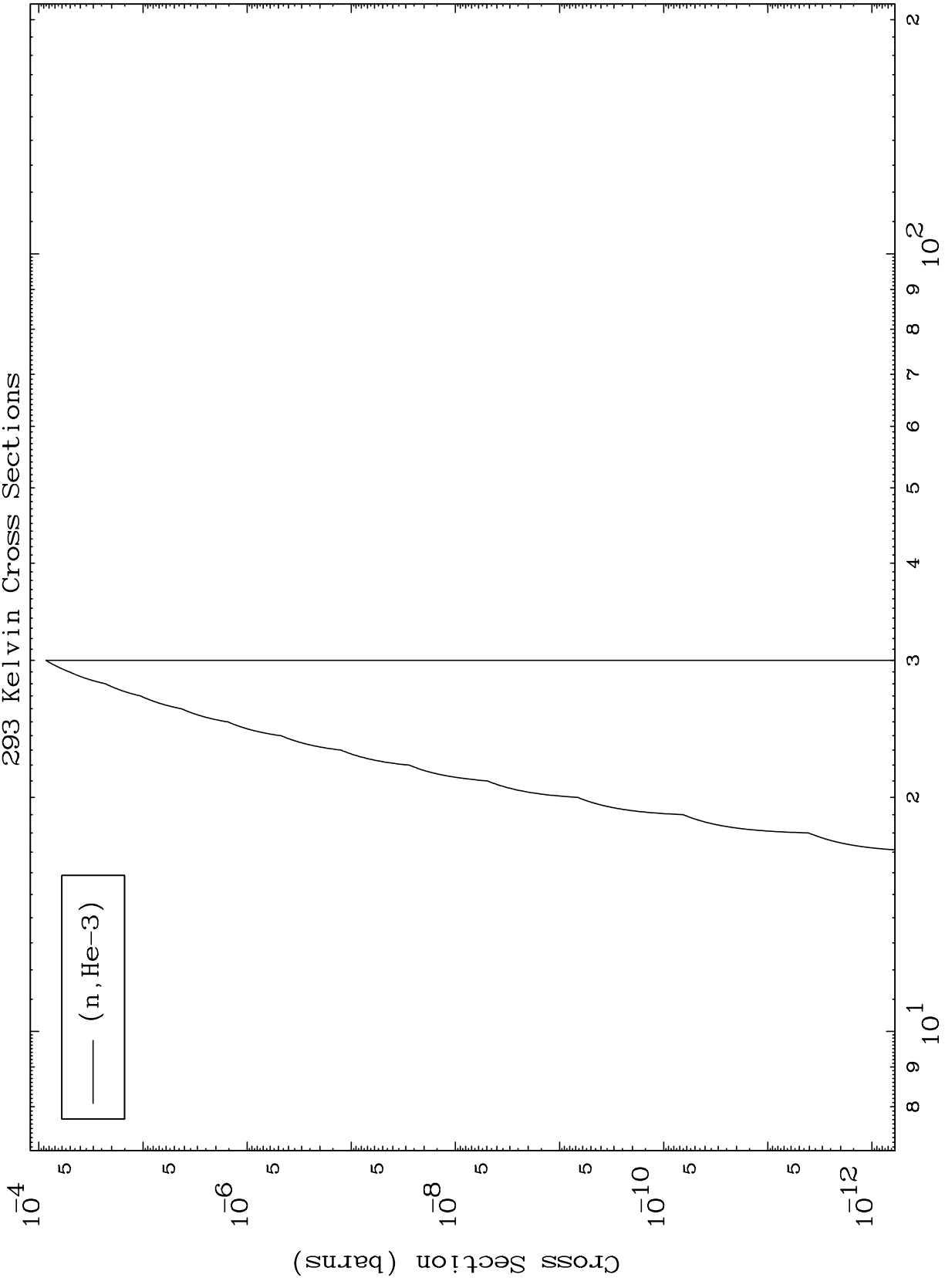
Incident Energy (MeV)

70-Yb-174

MAT 7043

(n,He3) Levels
293 Kelvin Cross Sections

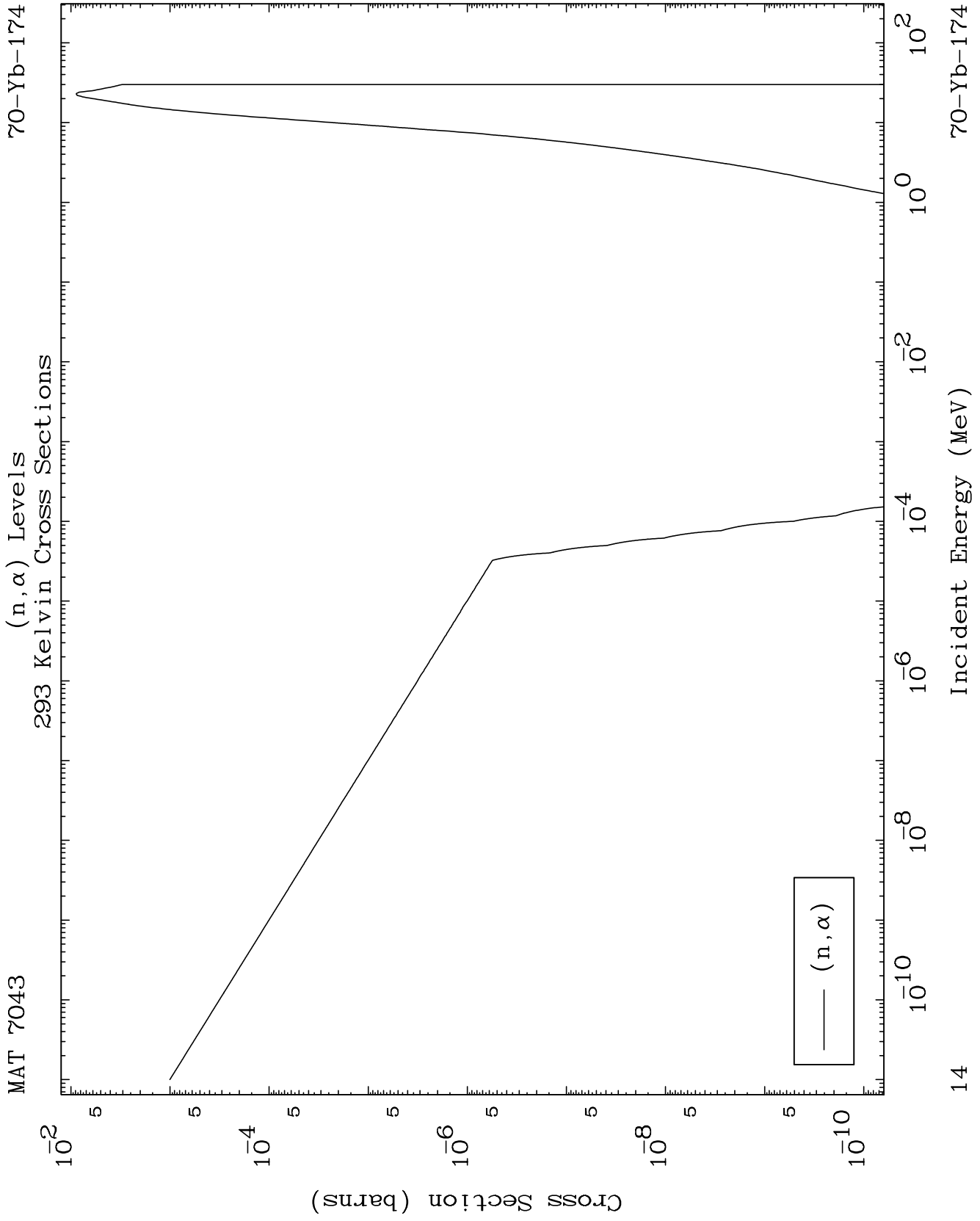
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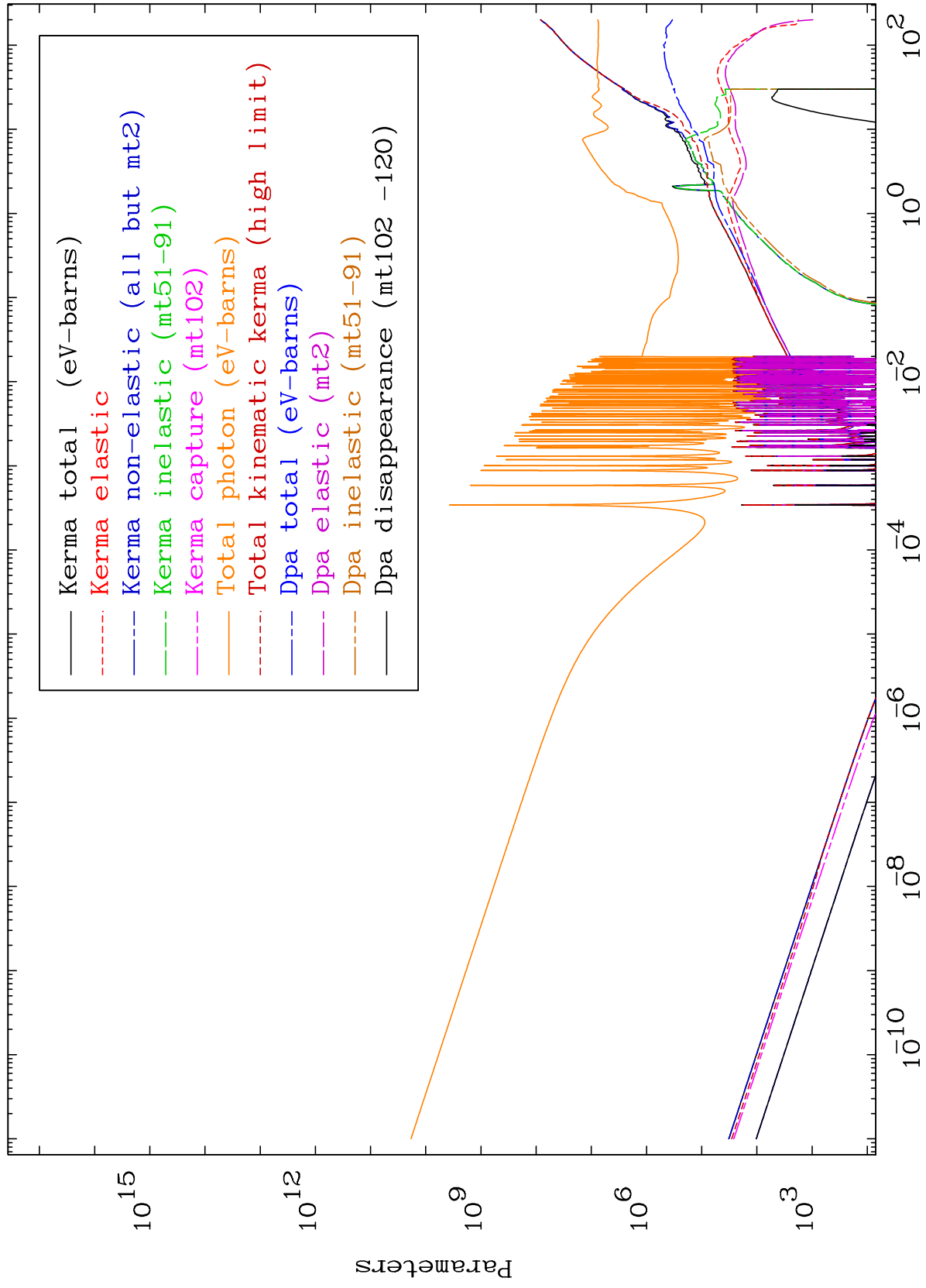


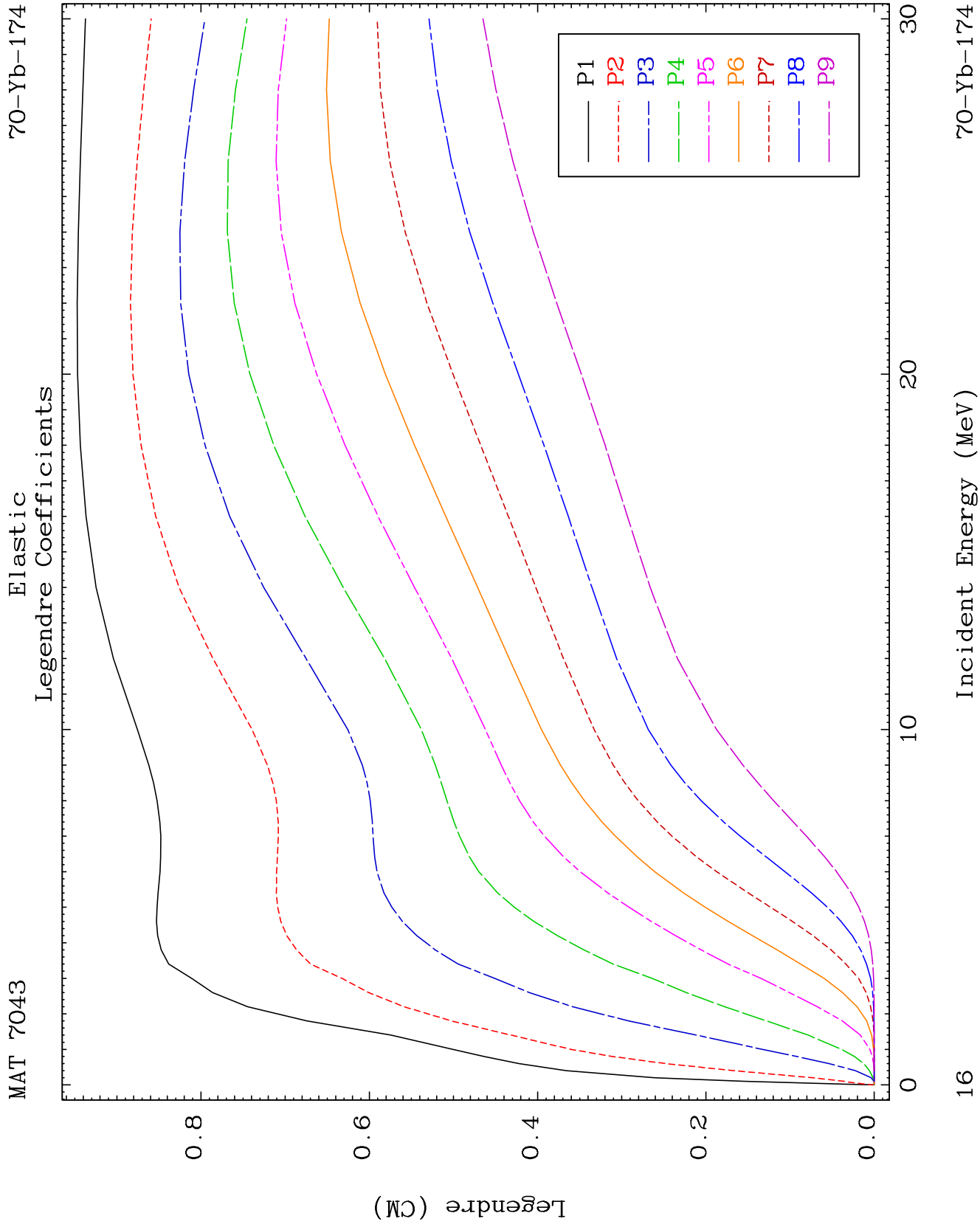
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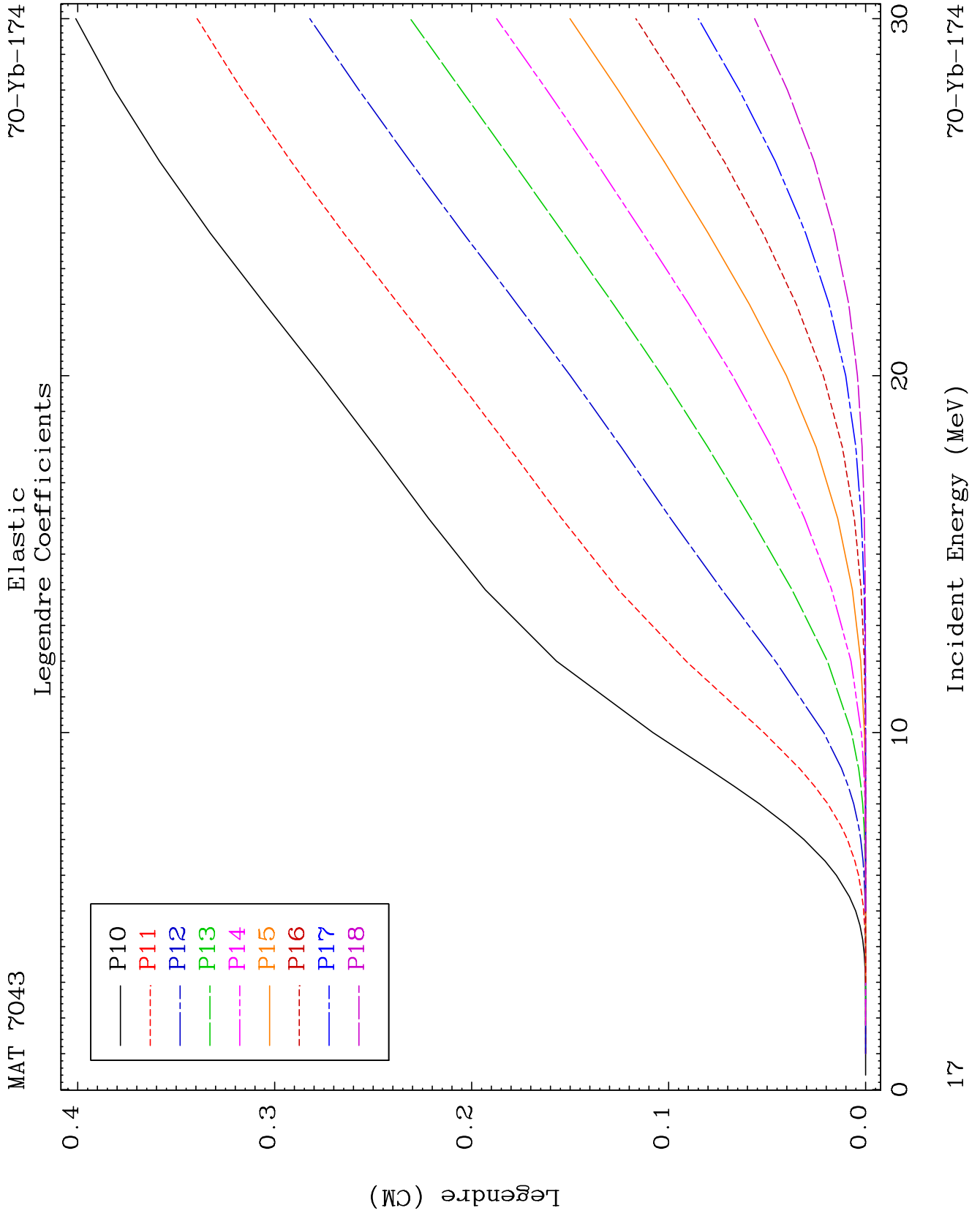
Incident Energy (MeV)

70-Yb-174





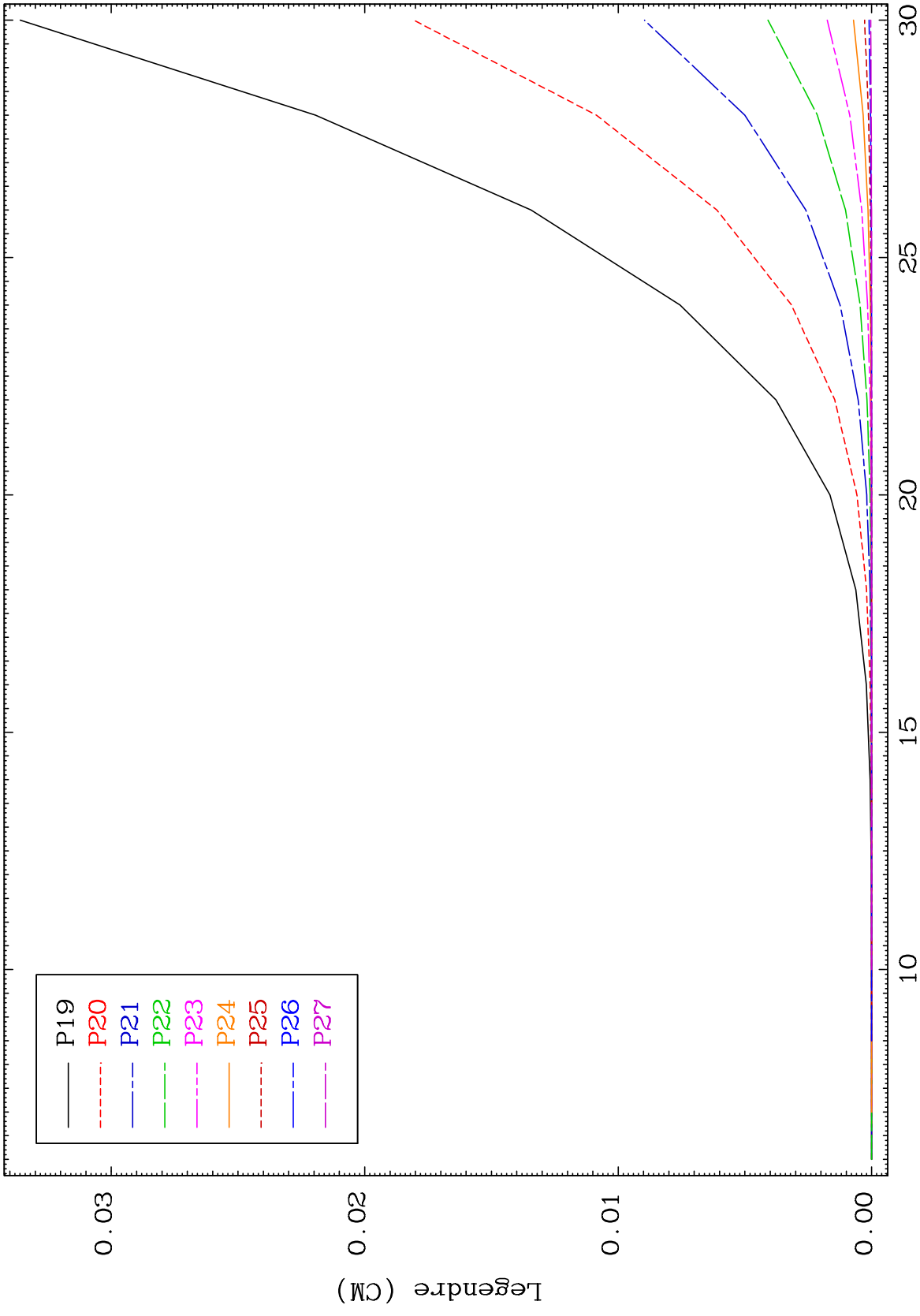




MAT 7043

Elastic Legendre Coefficients

70-Yb-174



18

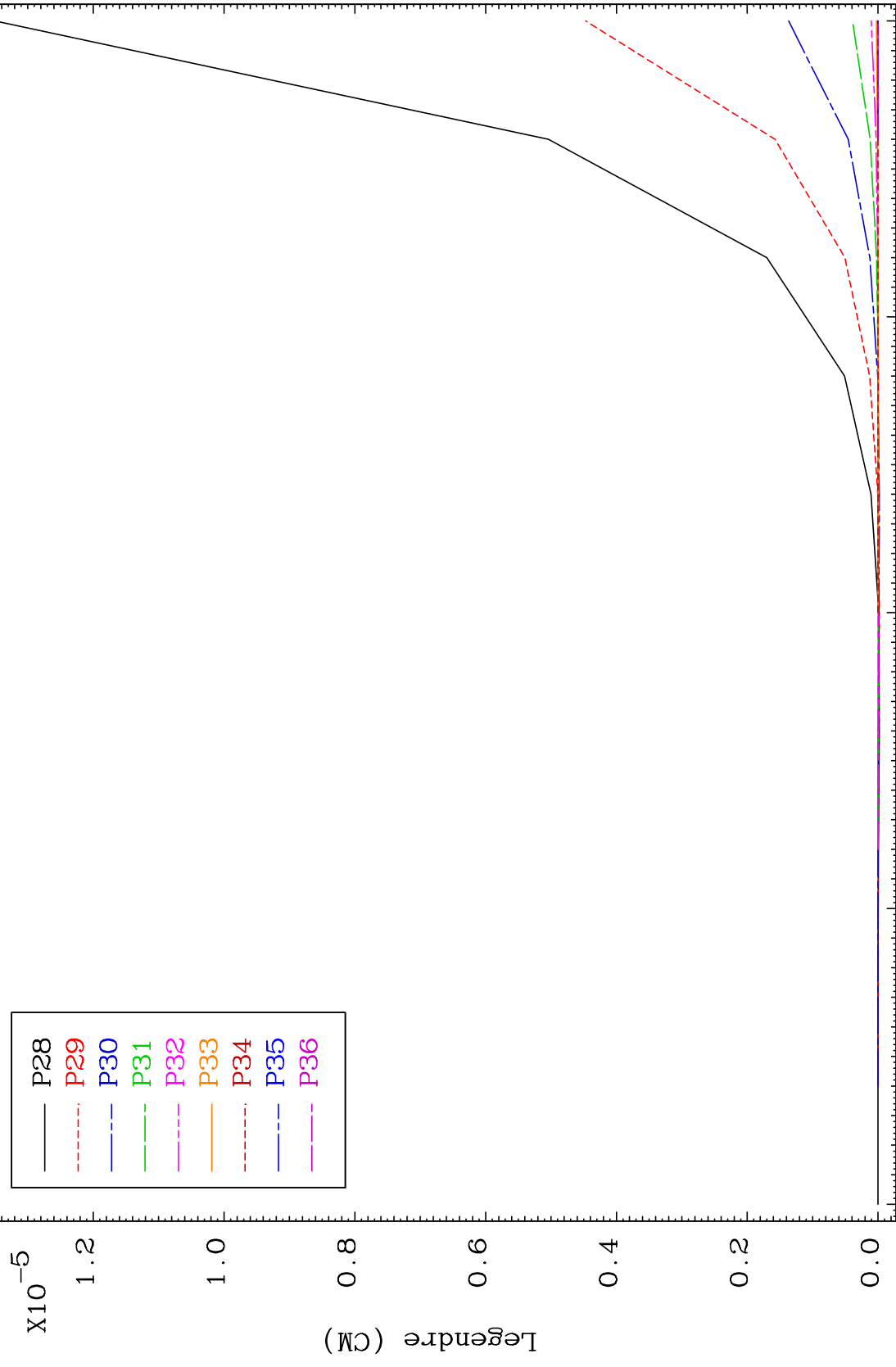
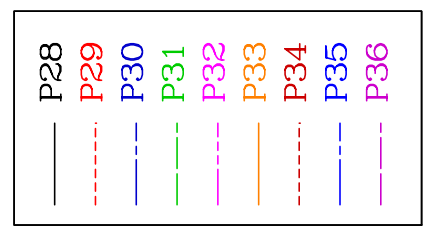
Incident Energy (MeV)

70-Yb-174

MAT 7043

Elastic Legendre Coefficients

70-Yb-174



19

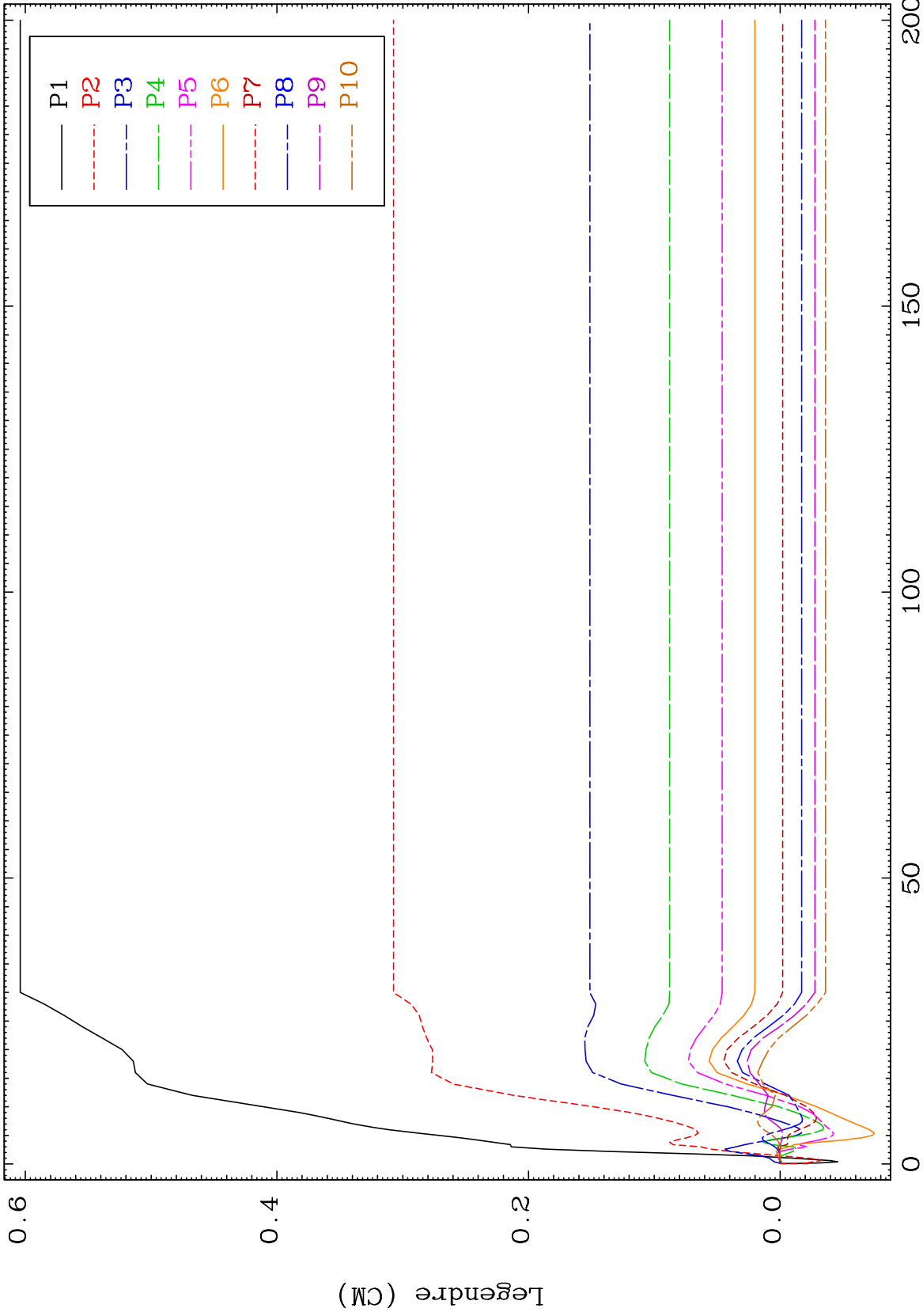
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



20

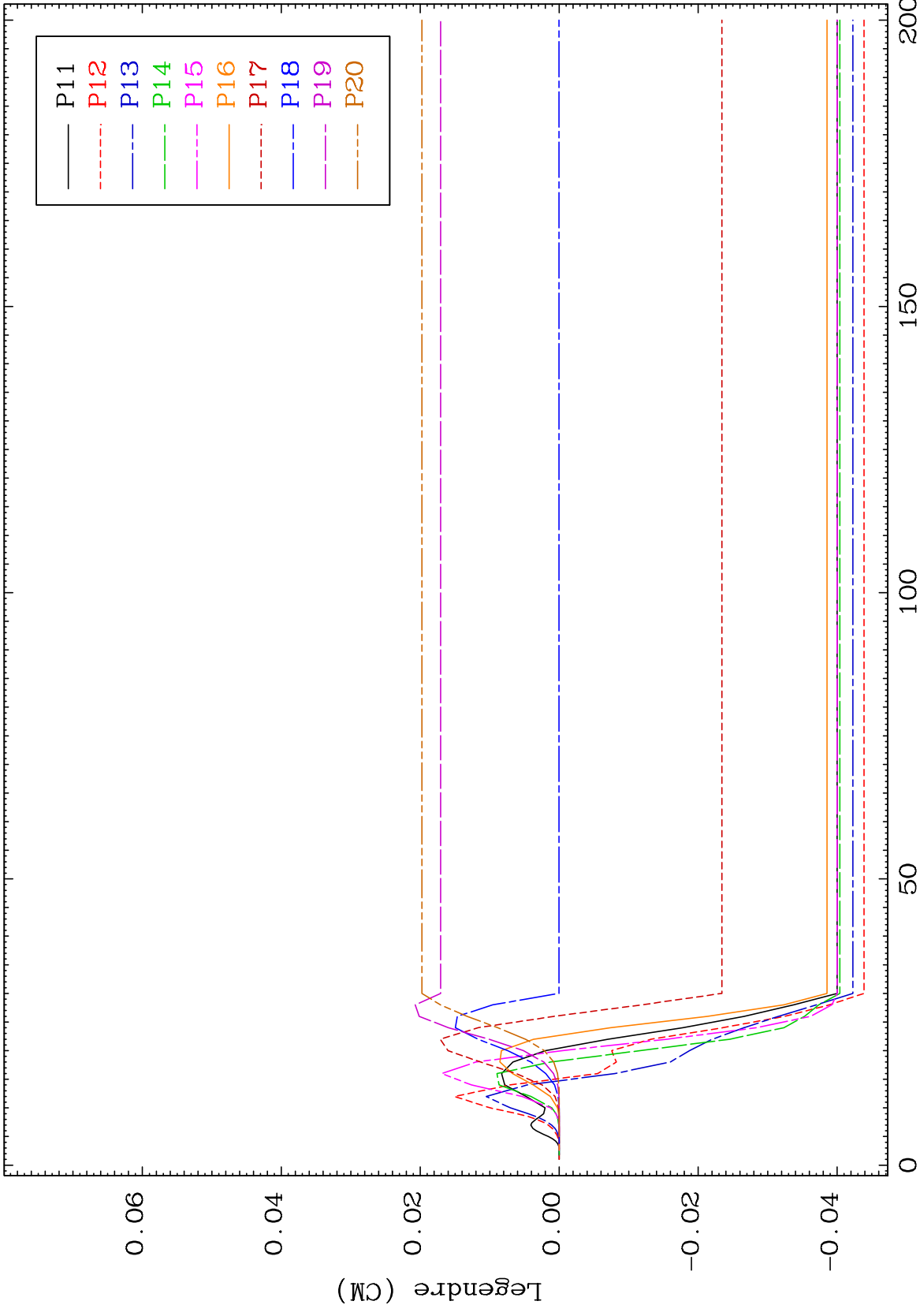
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



21

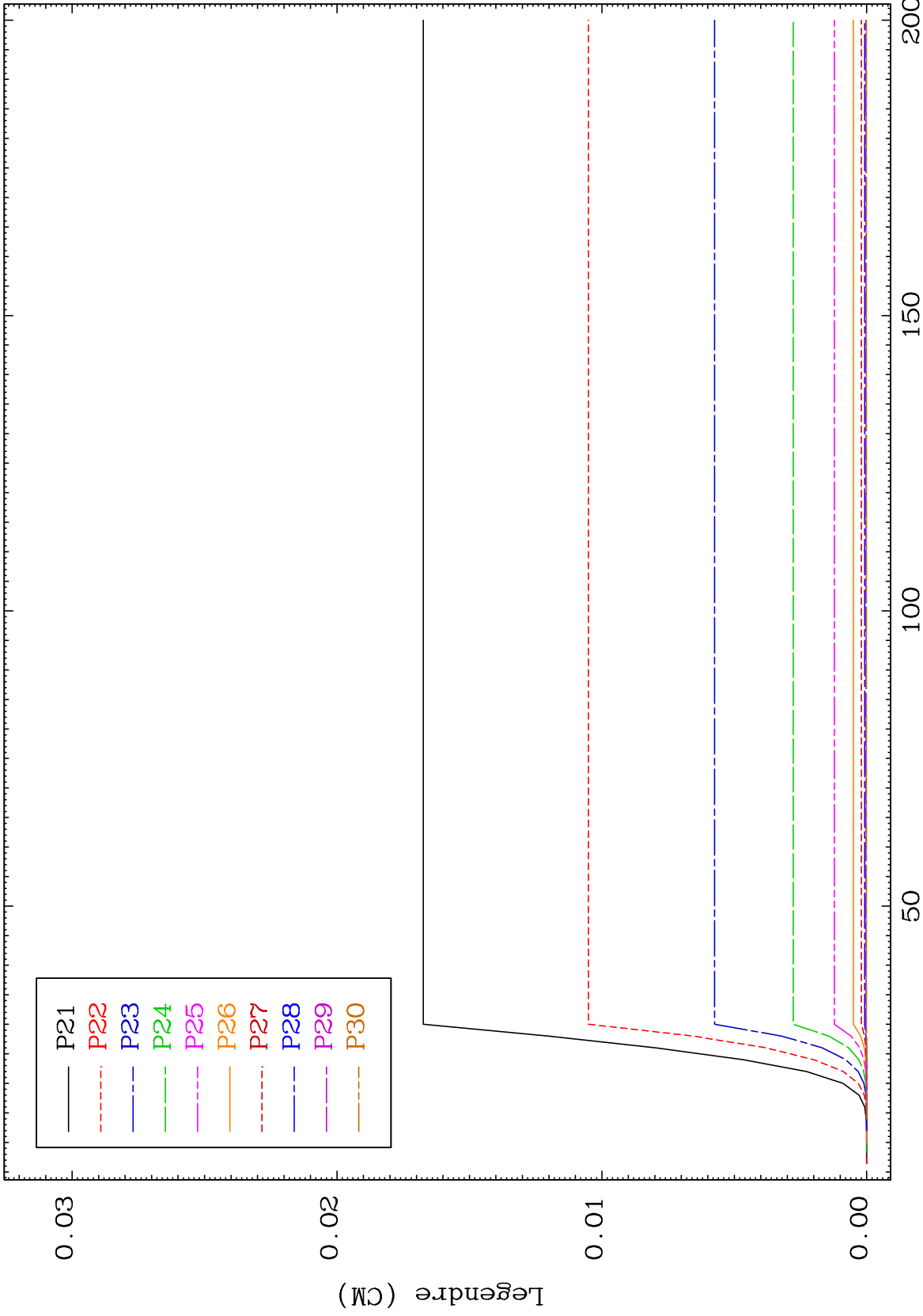
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



22

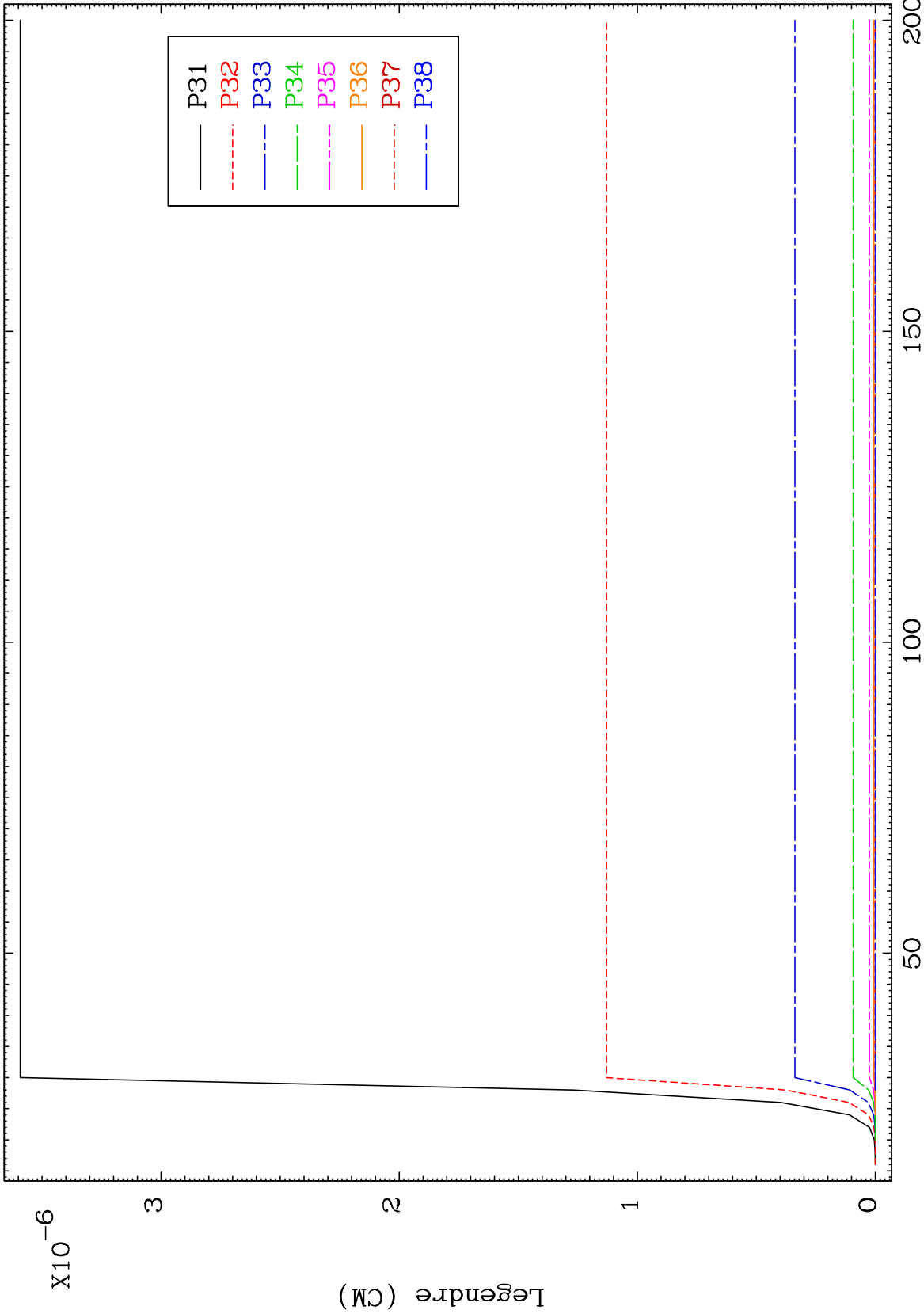
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



23

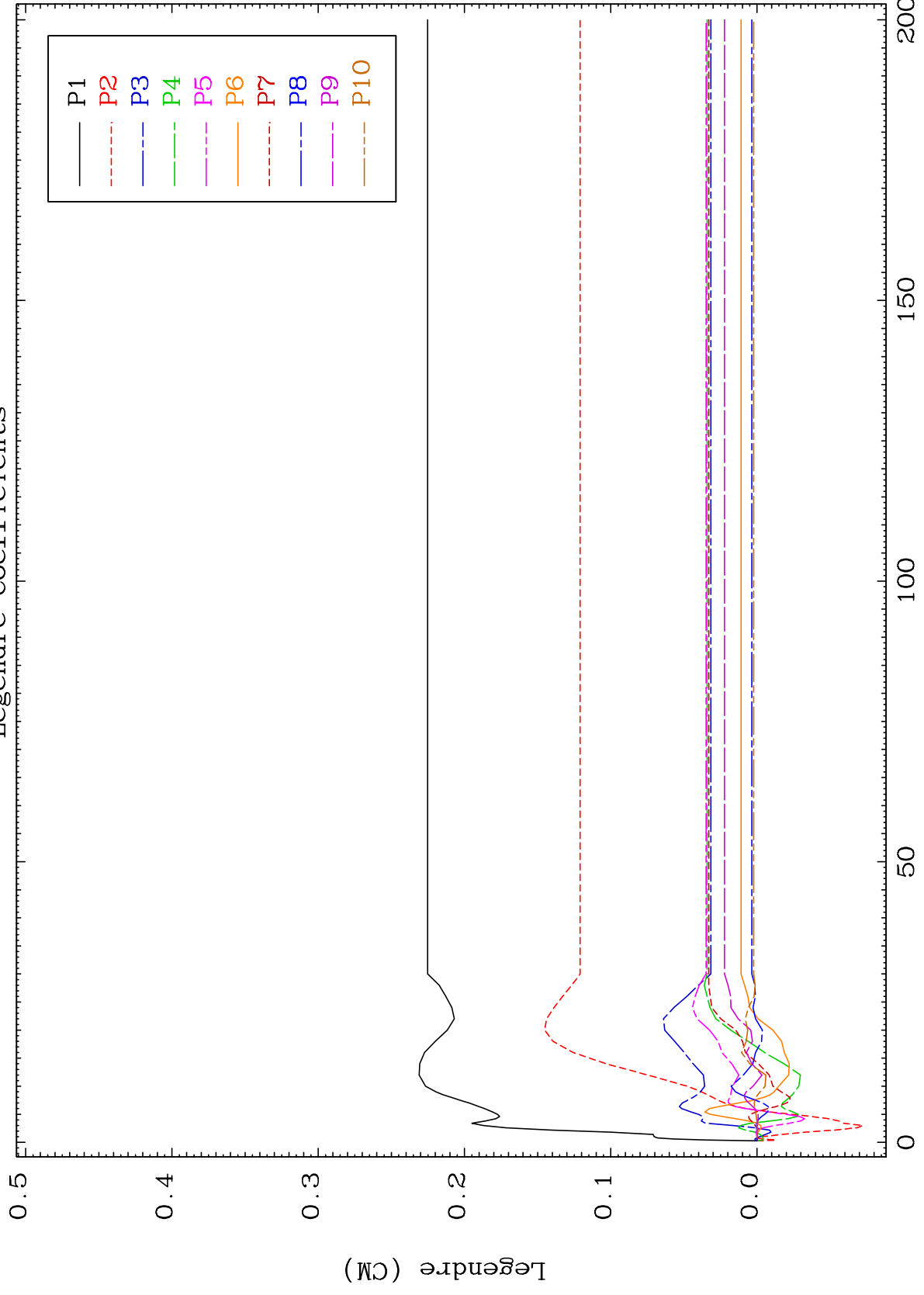
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

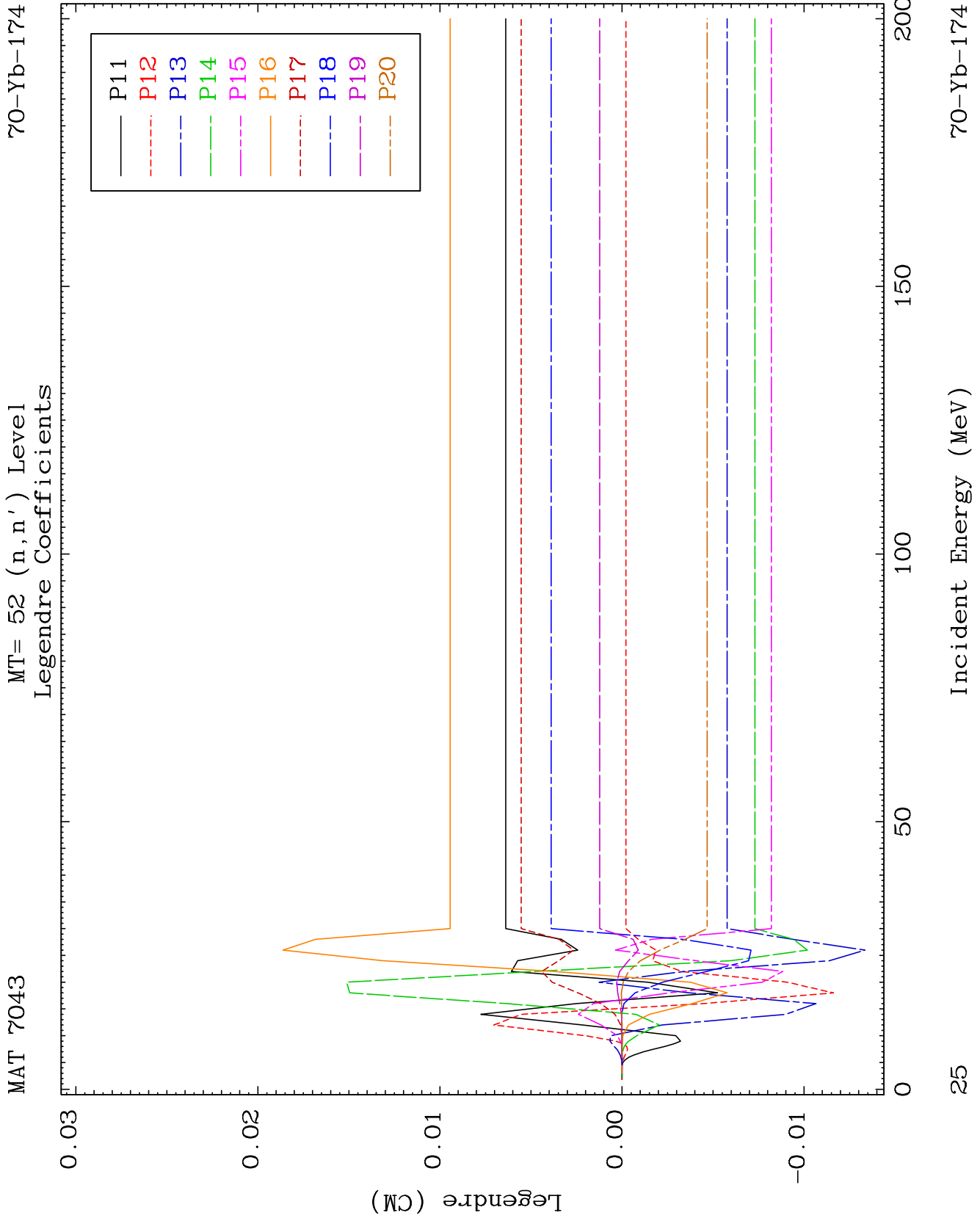
70-Yb-174



24

Incident Energy (MeV)

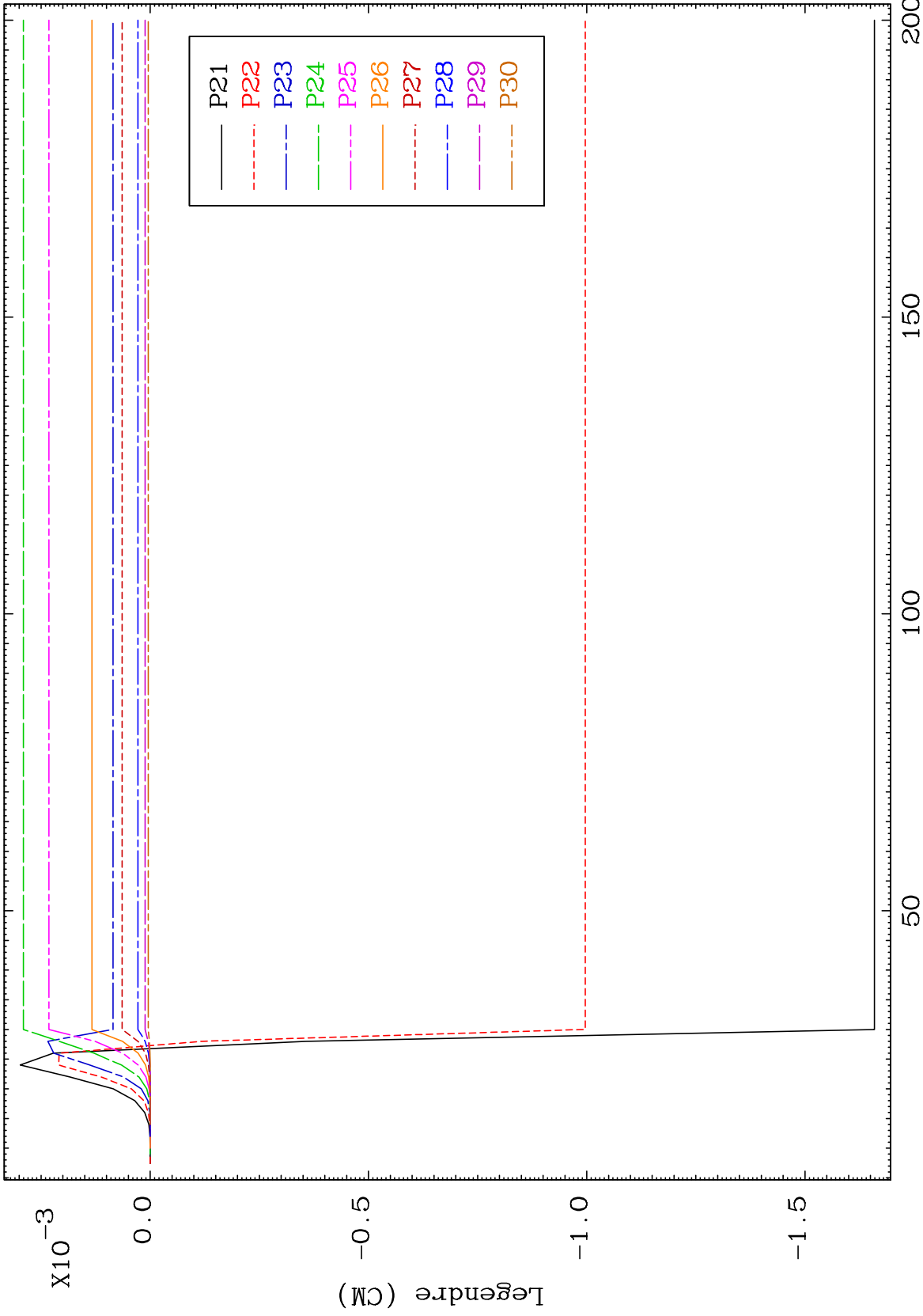
70-Yb-174



MAT 7043

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

70-Yb-174



26

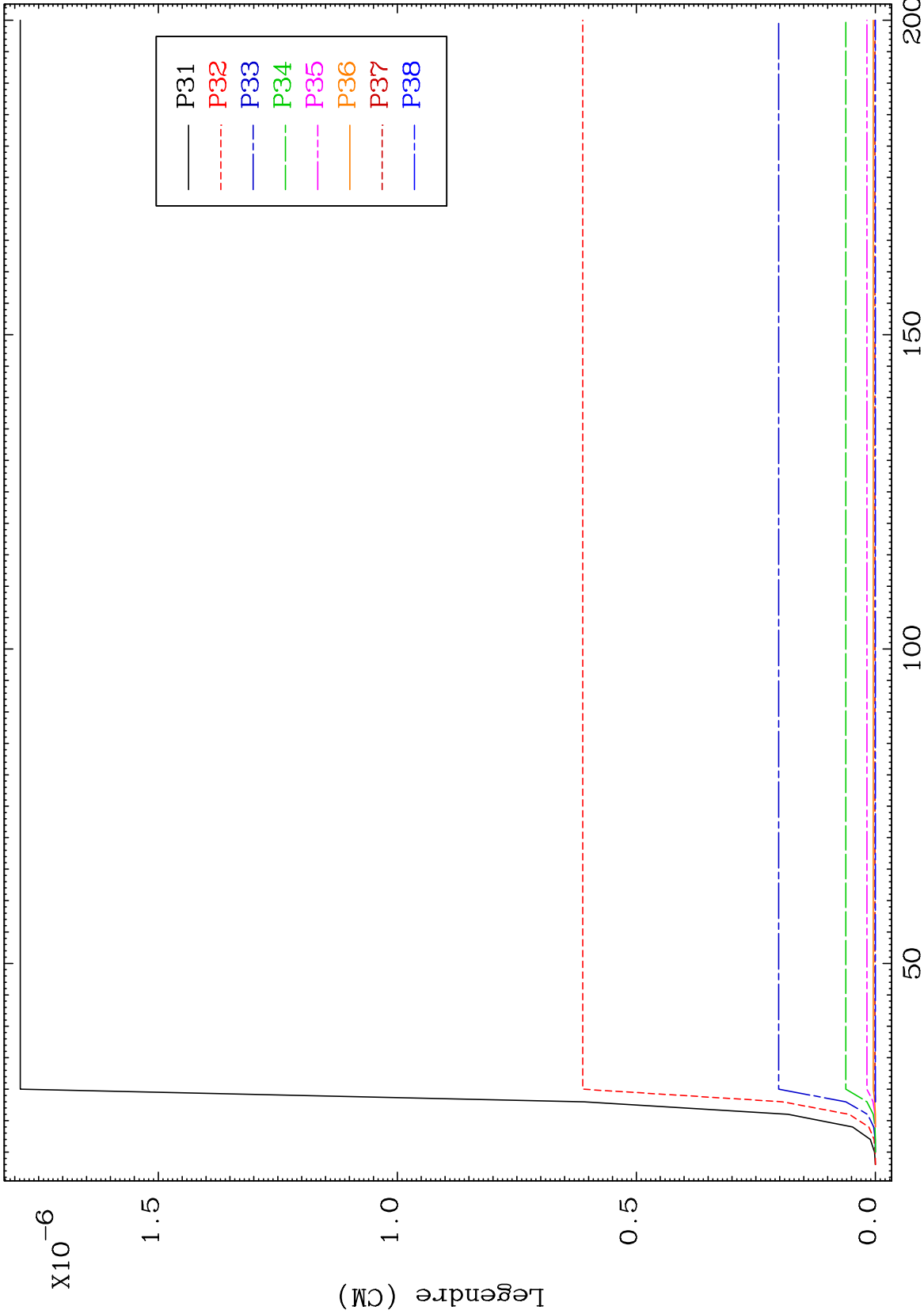
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



27

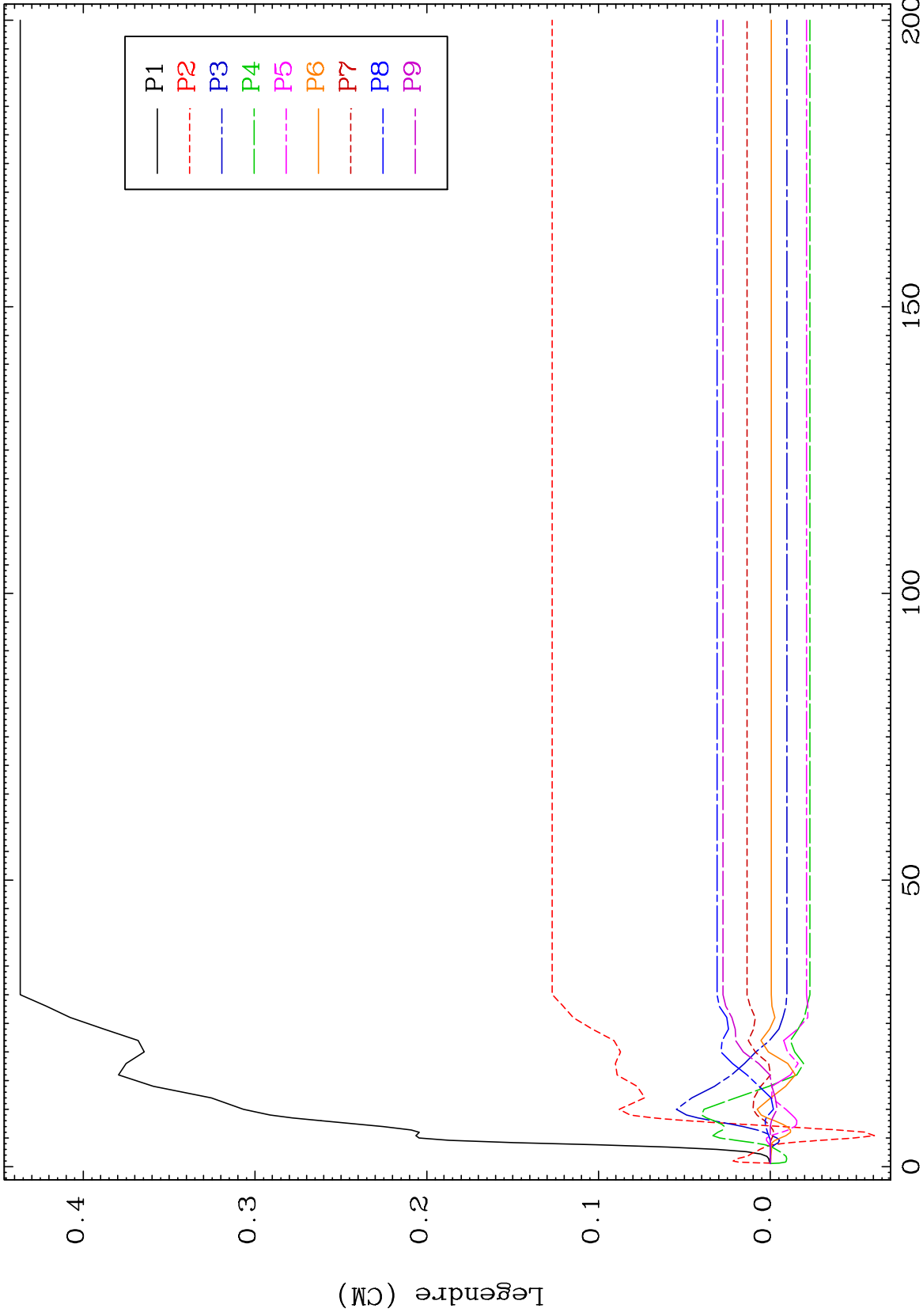
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



28

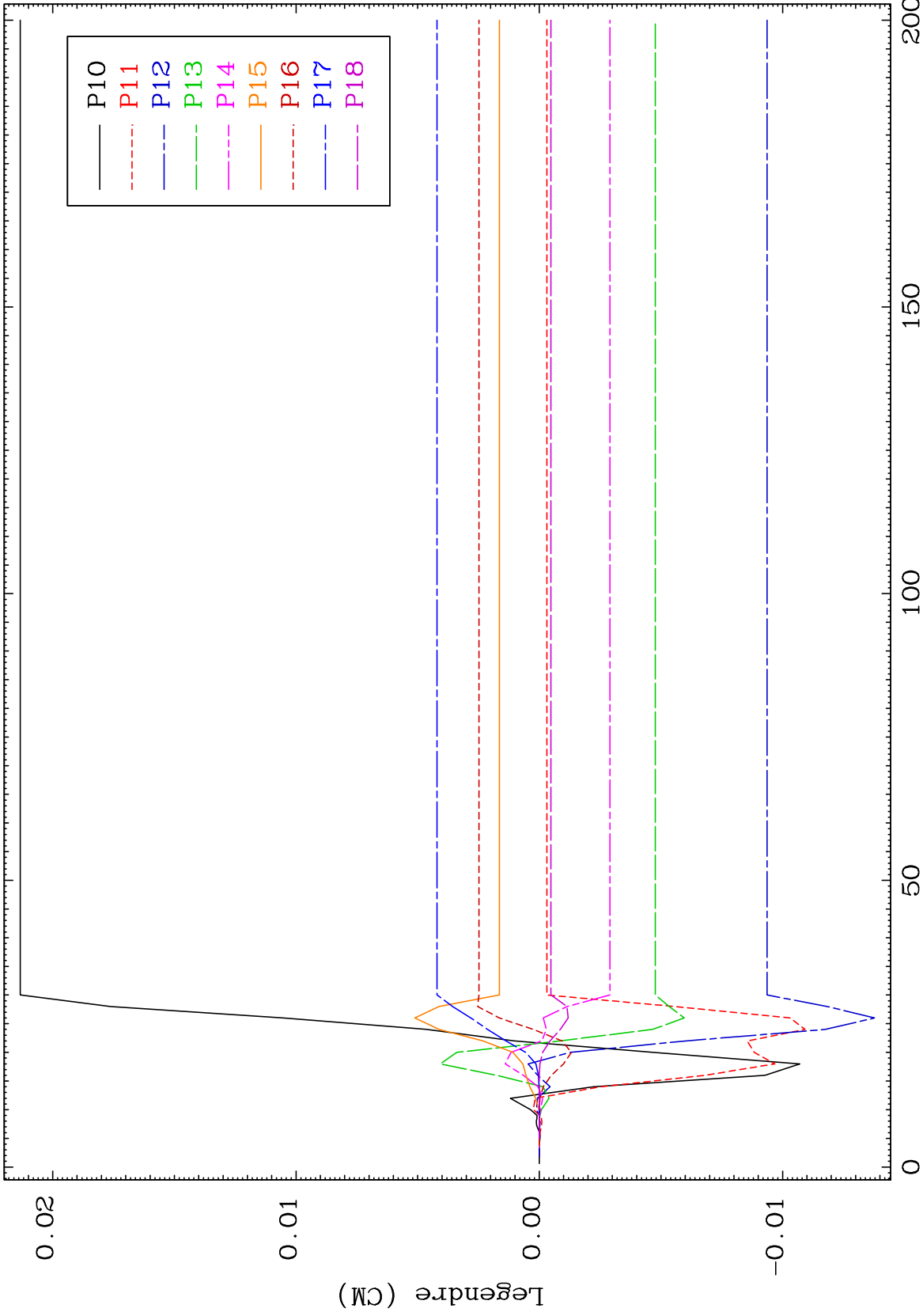
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



29

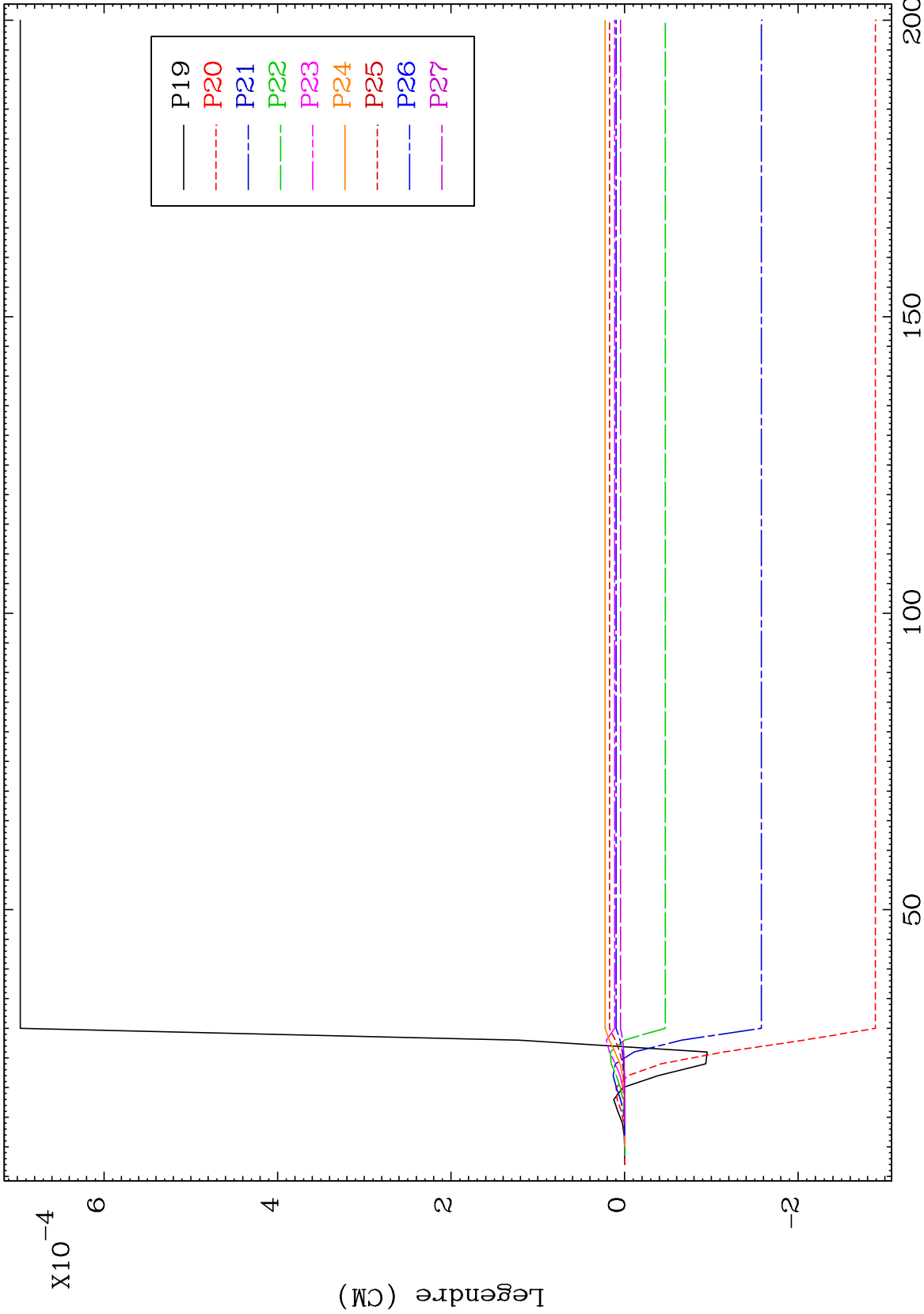
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



30

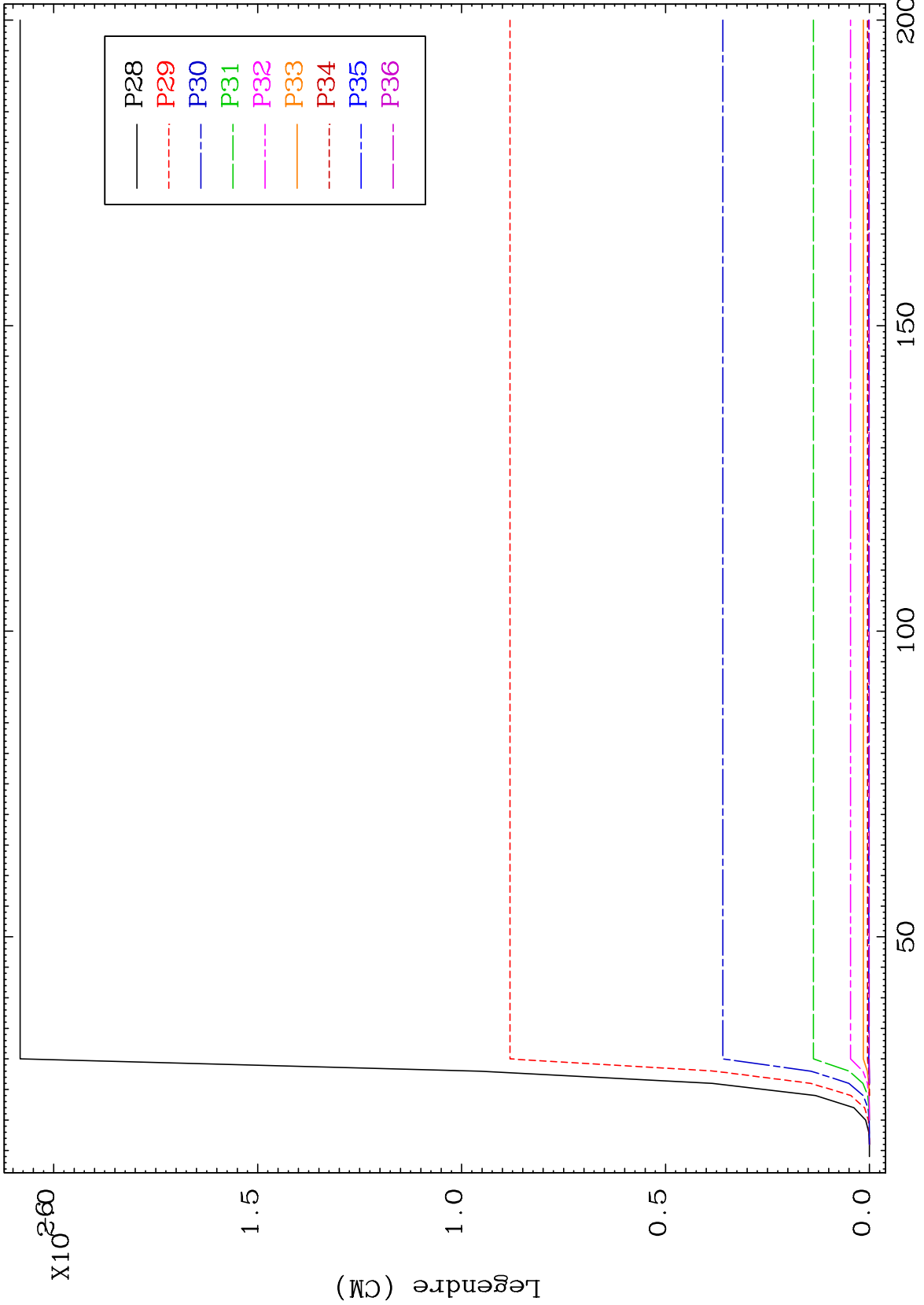
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

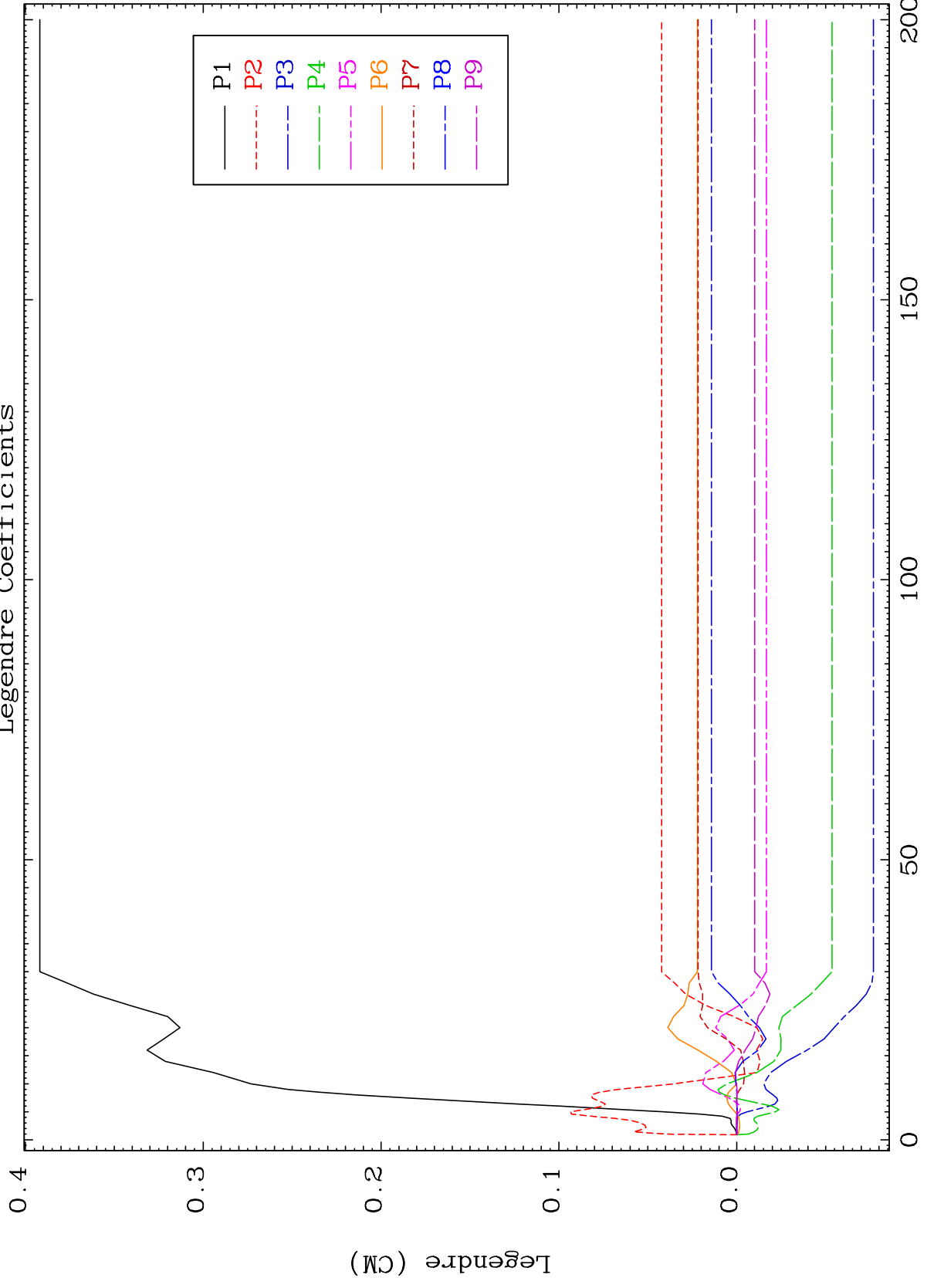
70-Yb-174



31

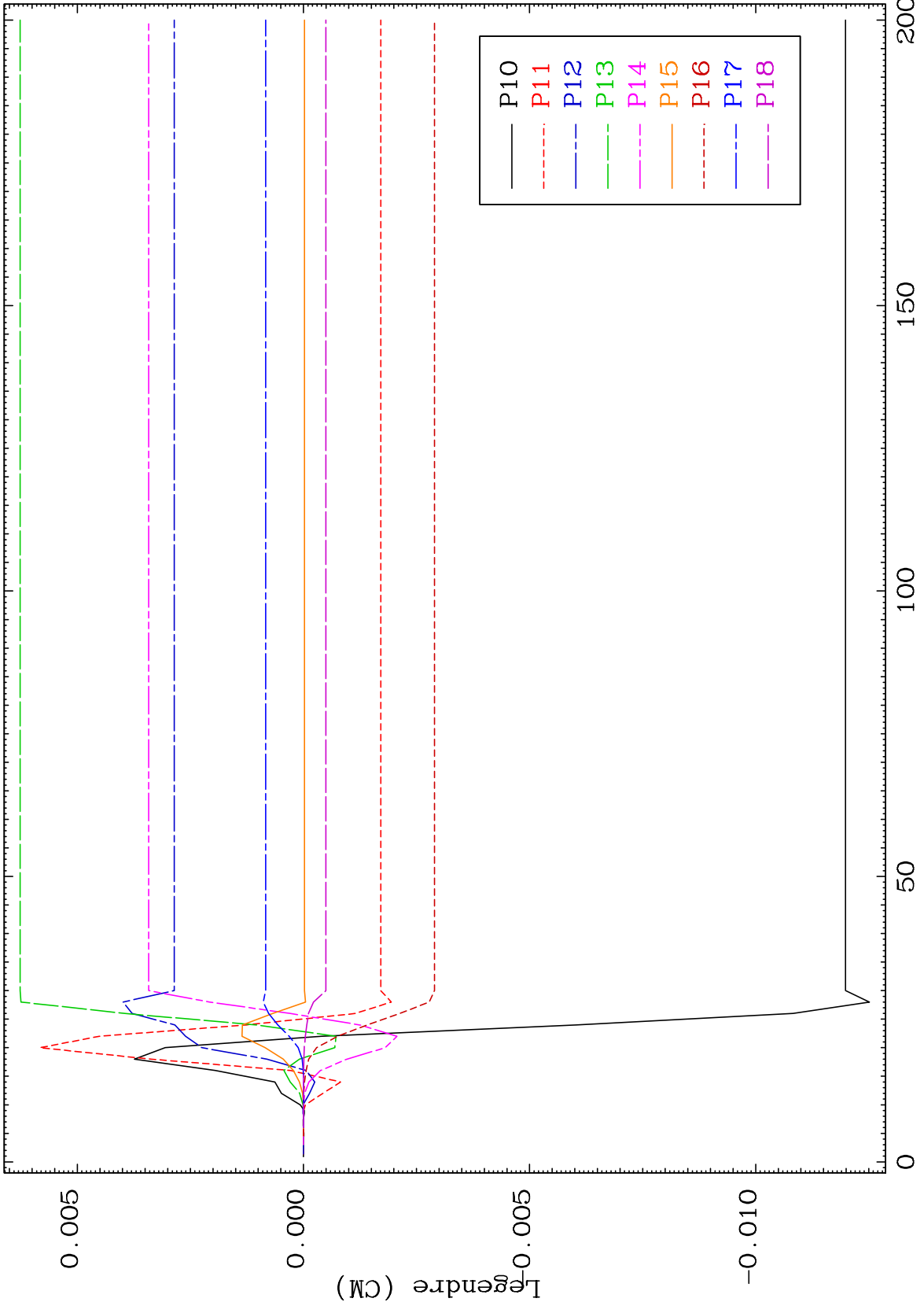
70-Yb-174

MAT 7043 MT= 54 (n,n') Level Legendre Coefficients 70-Yb-174



32 Incident Energy (MeV) 70-Yb-174

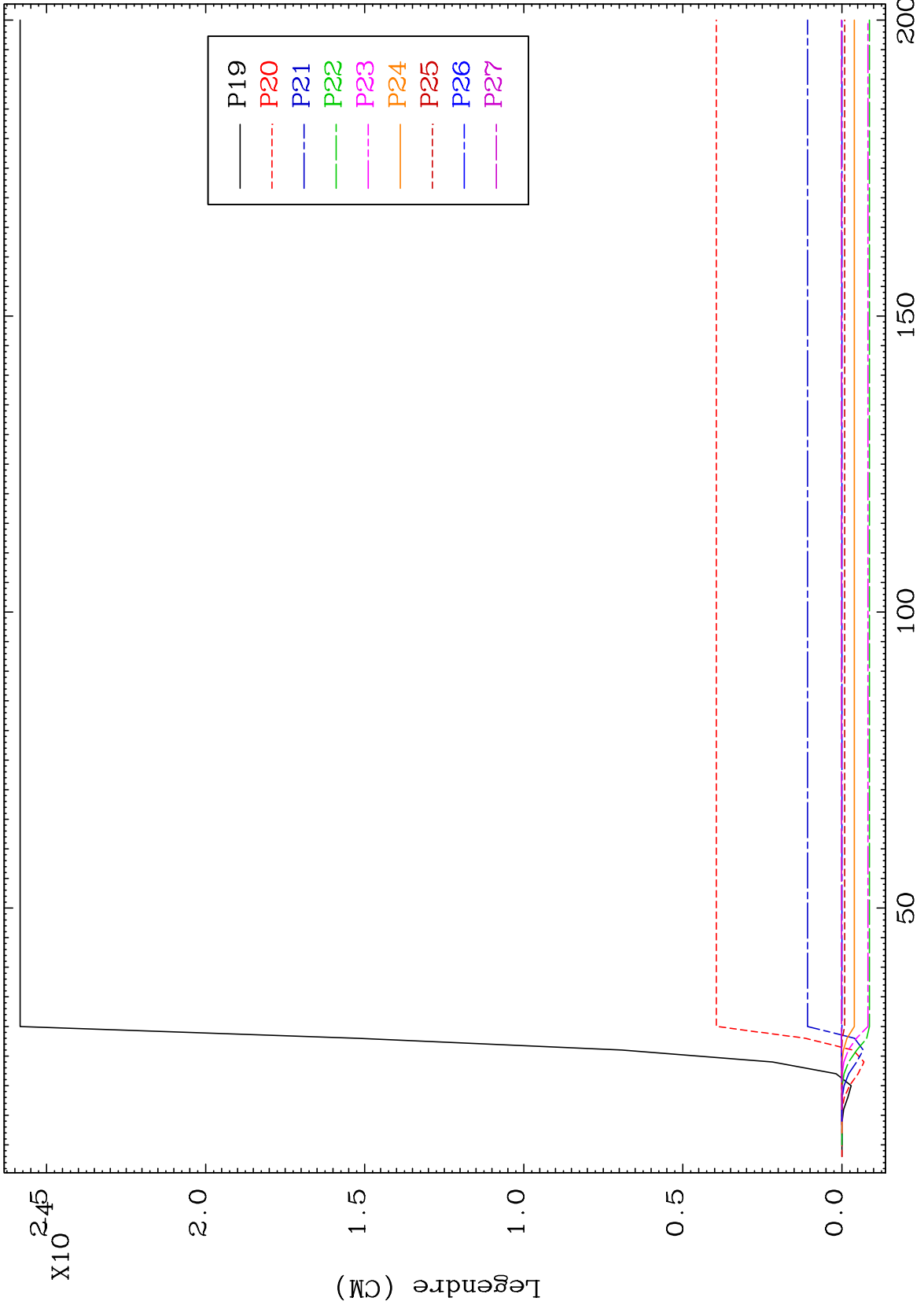
MAT 7043 MT= 54 (n,n') Level Legendre Coefficients 70-Yb-174



MAT 7043

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

70-Yb-174



34

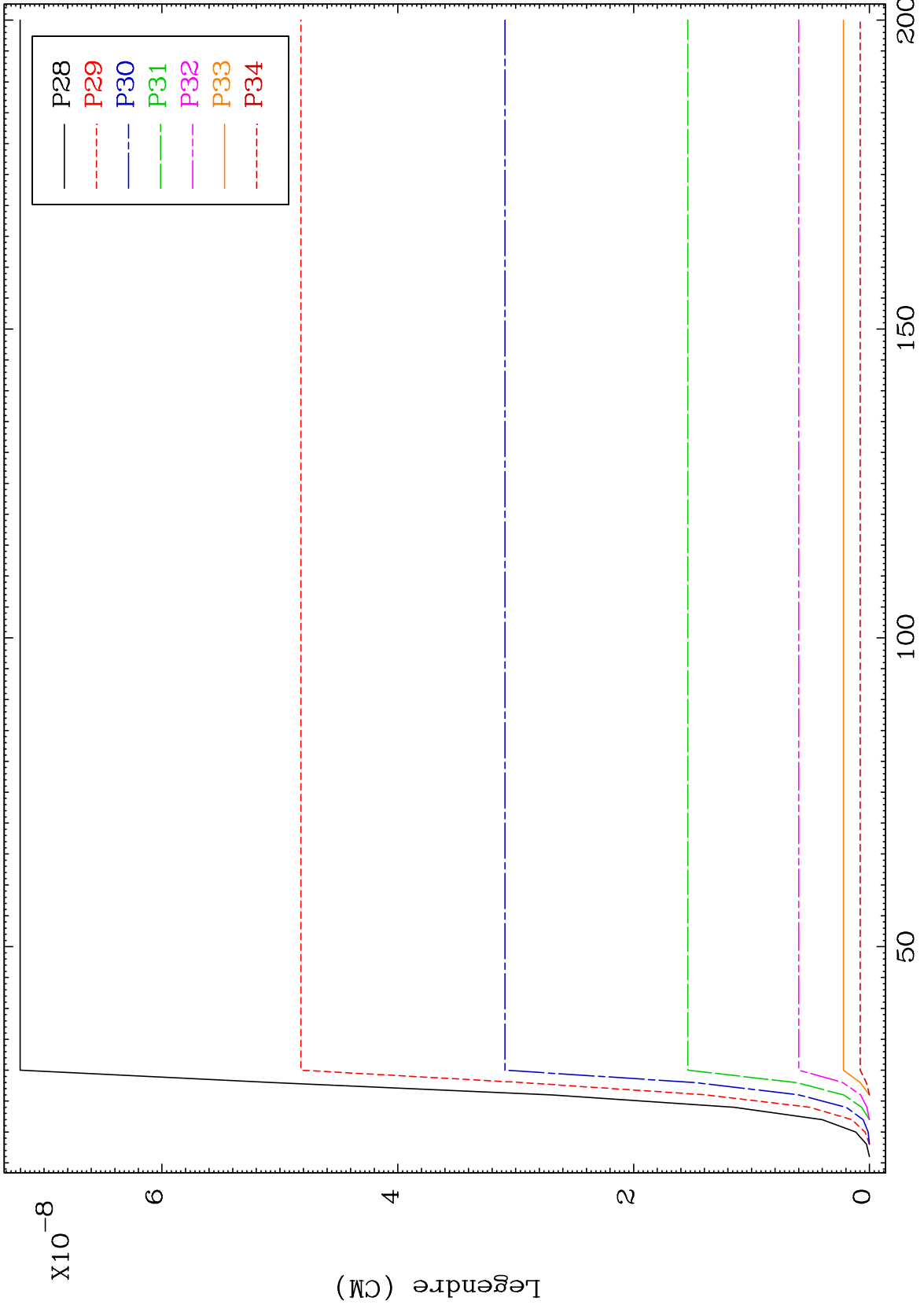
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



35

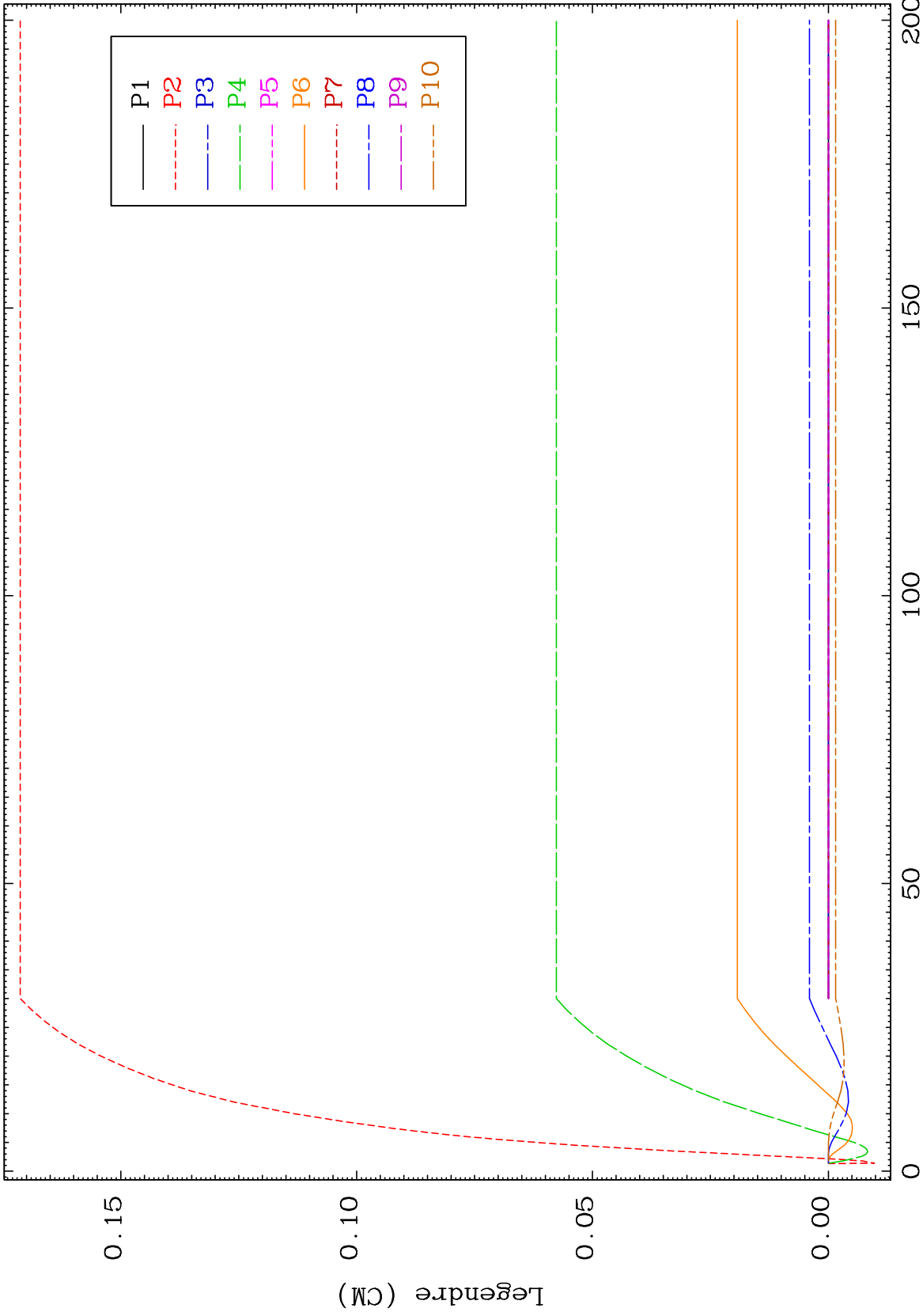
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



36

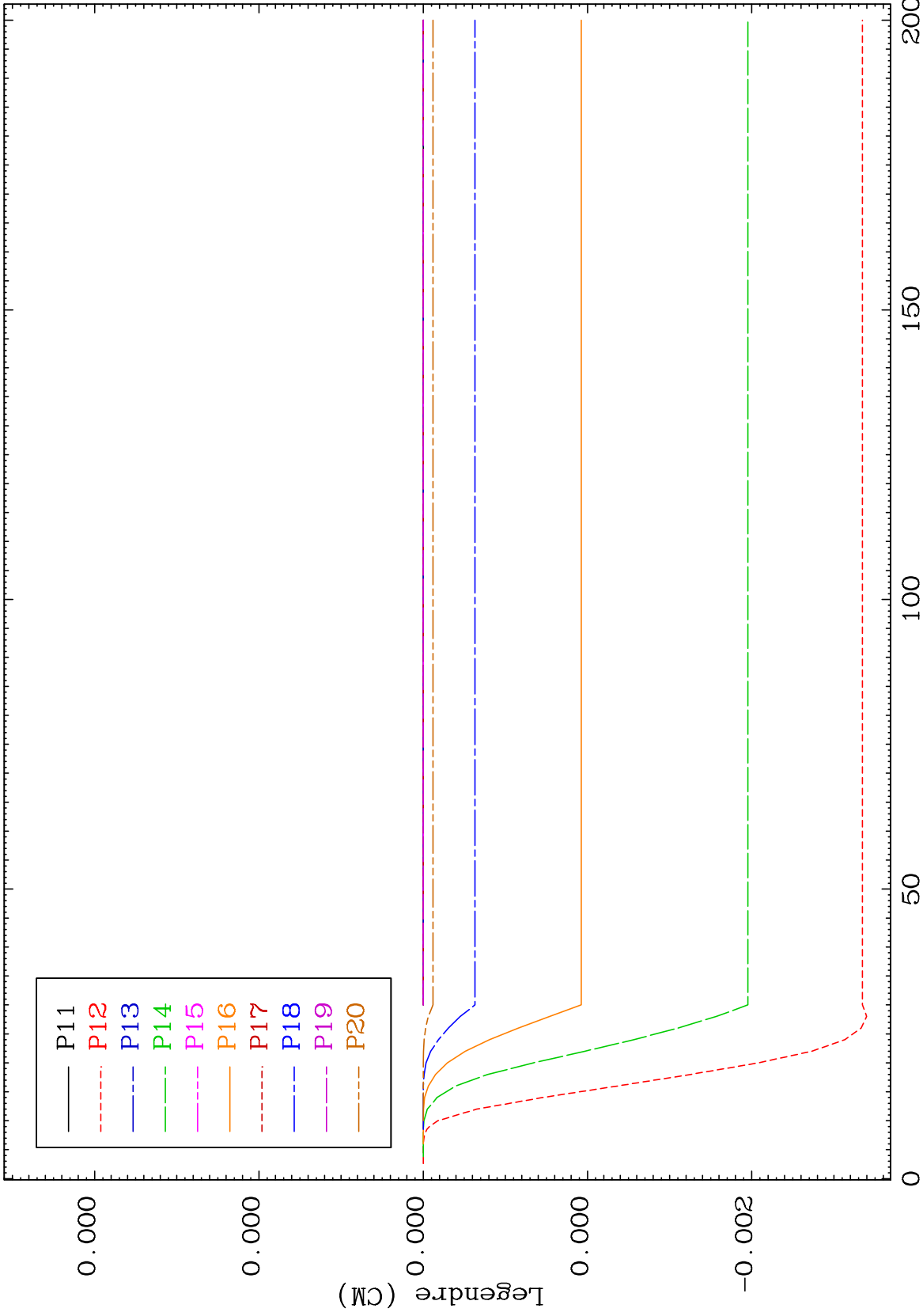
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



37

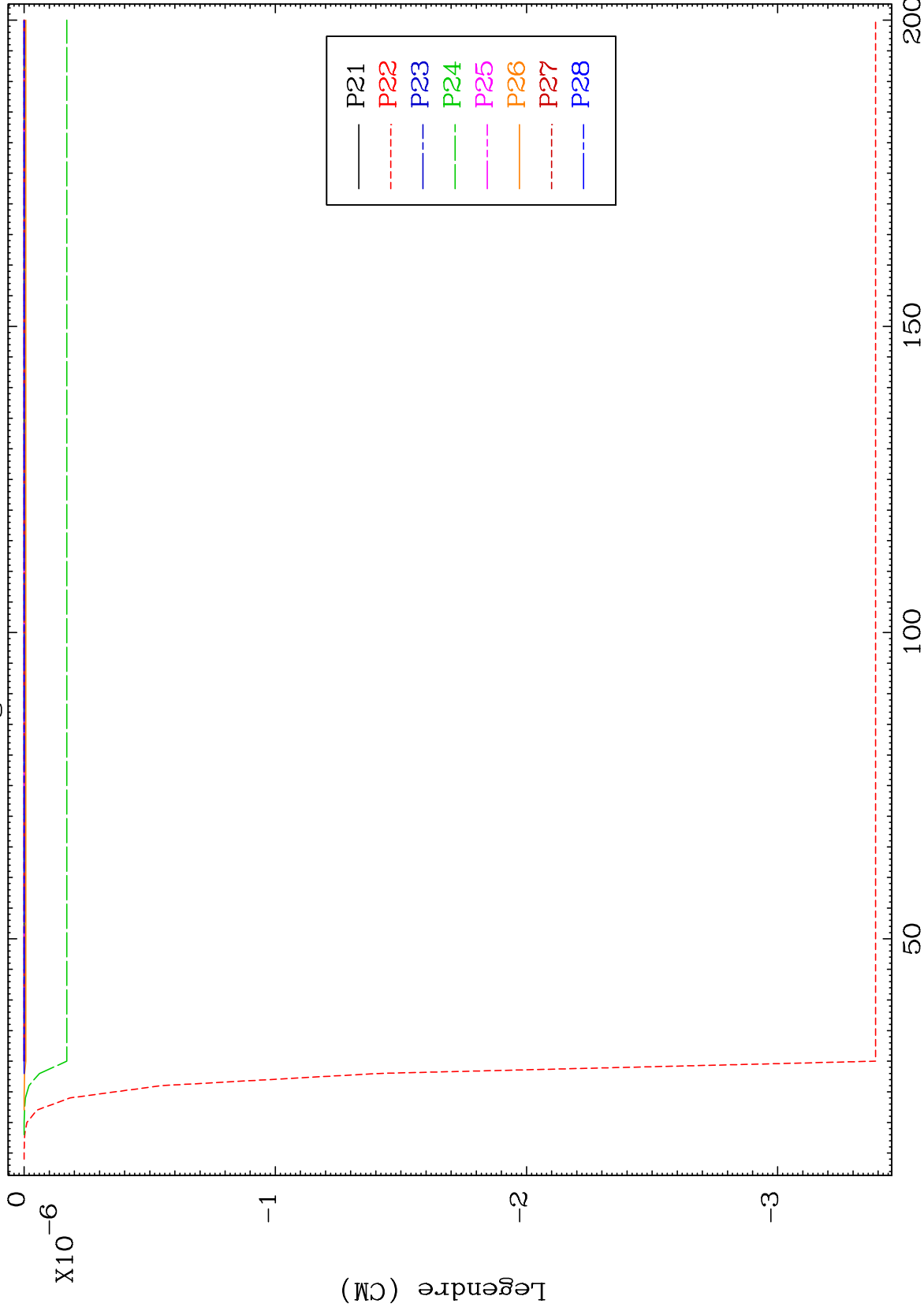
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



38

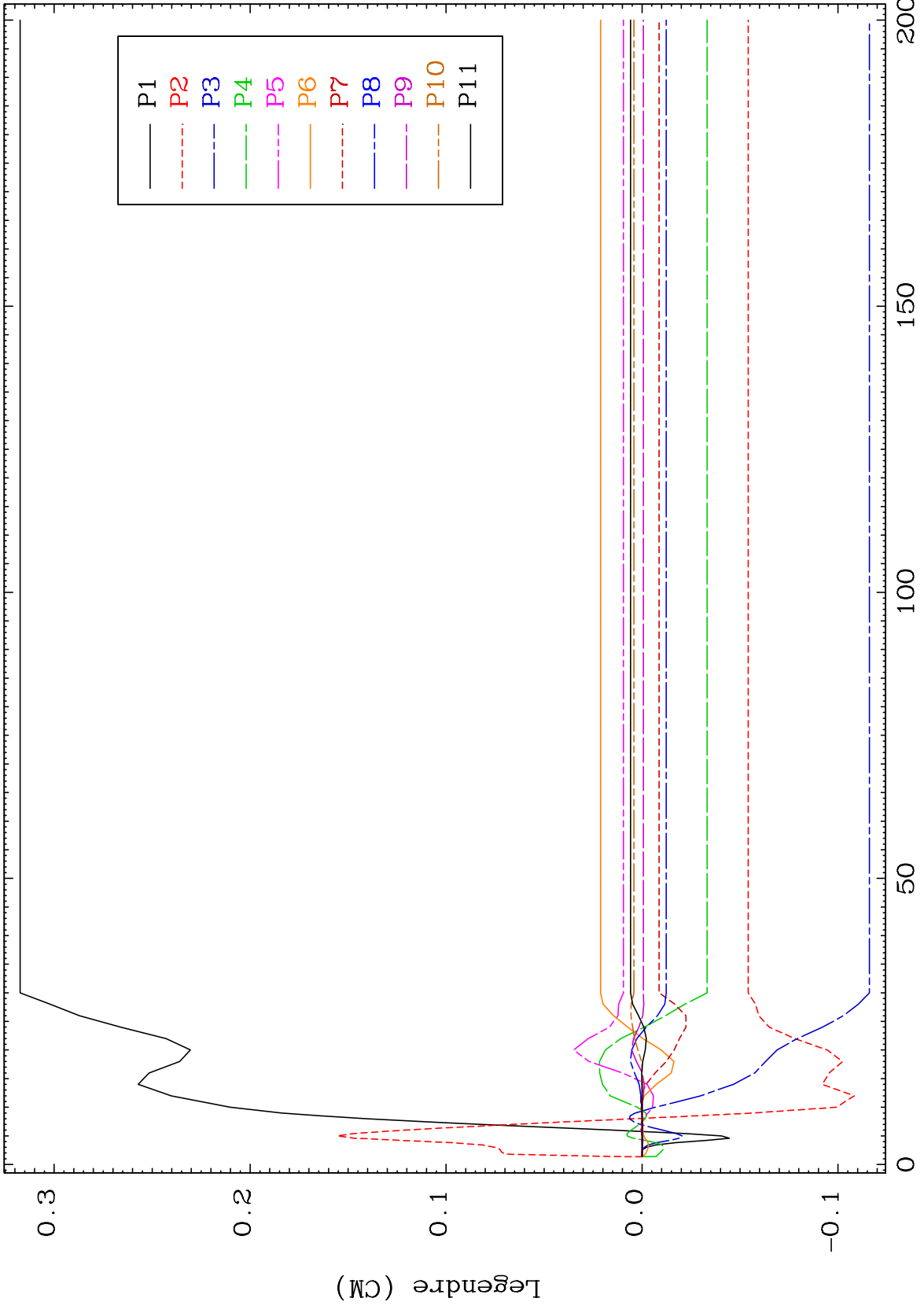
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



39

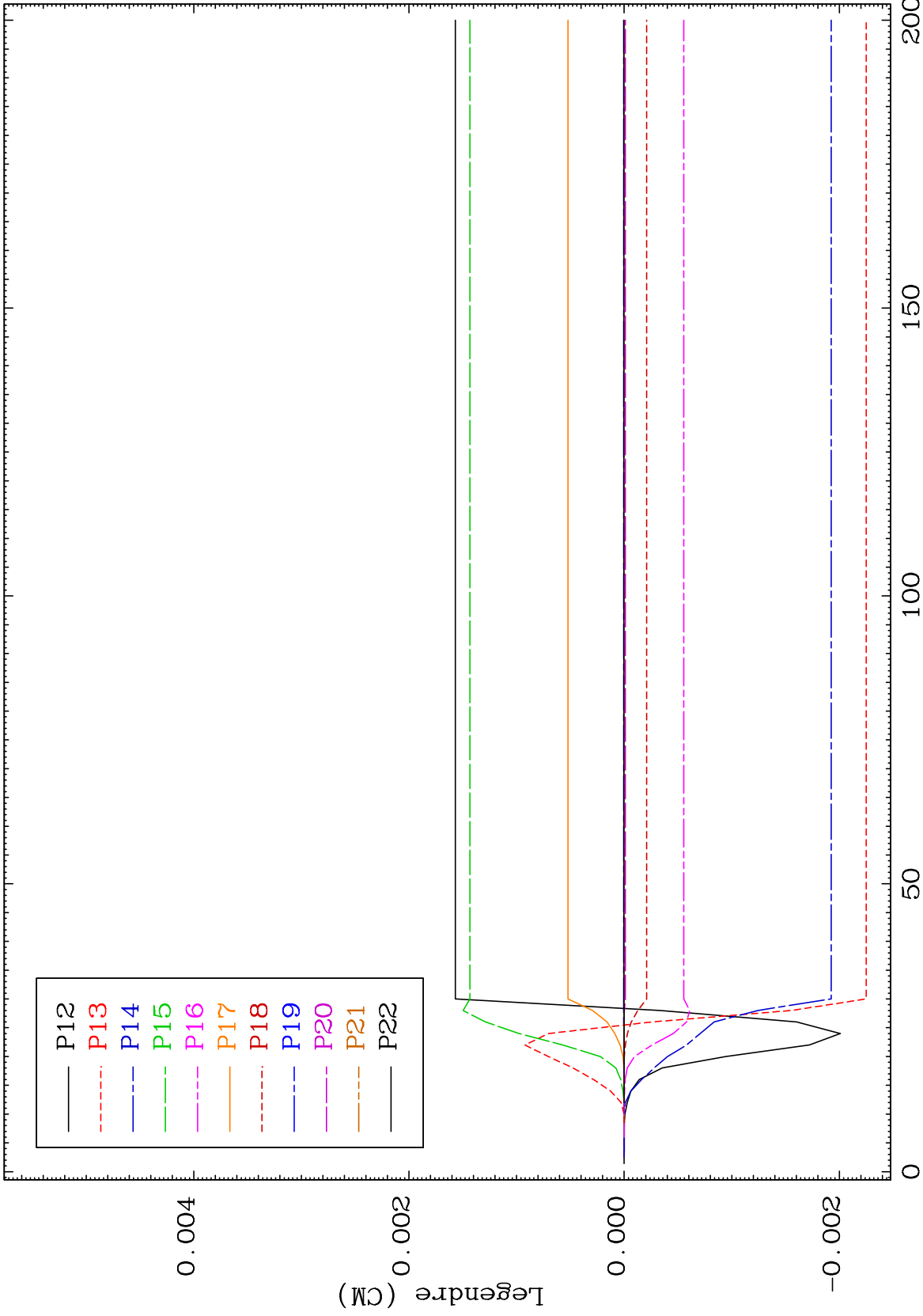
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



40

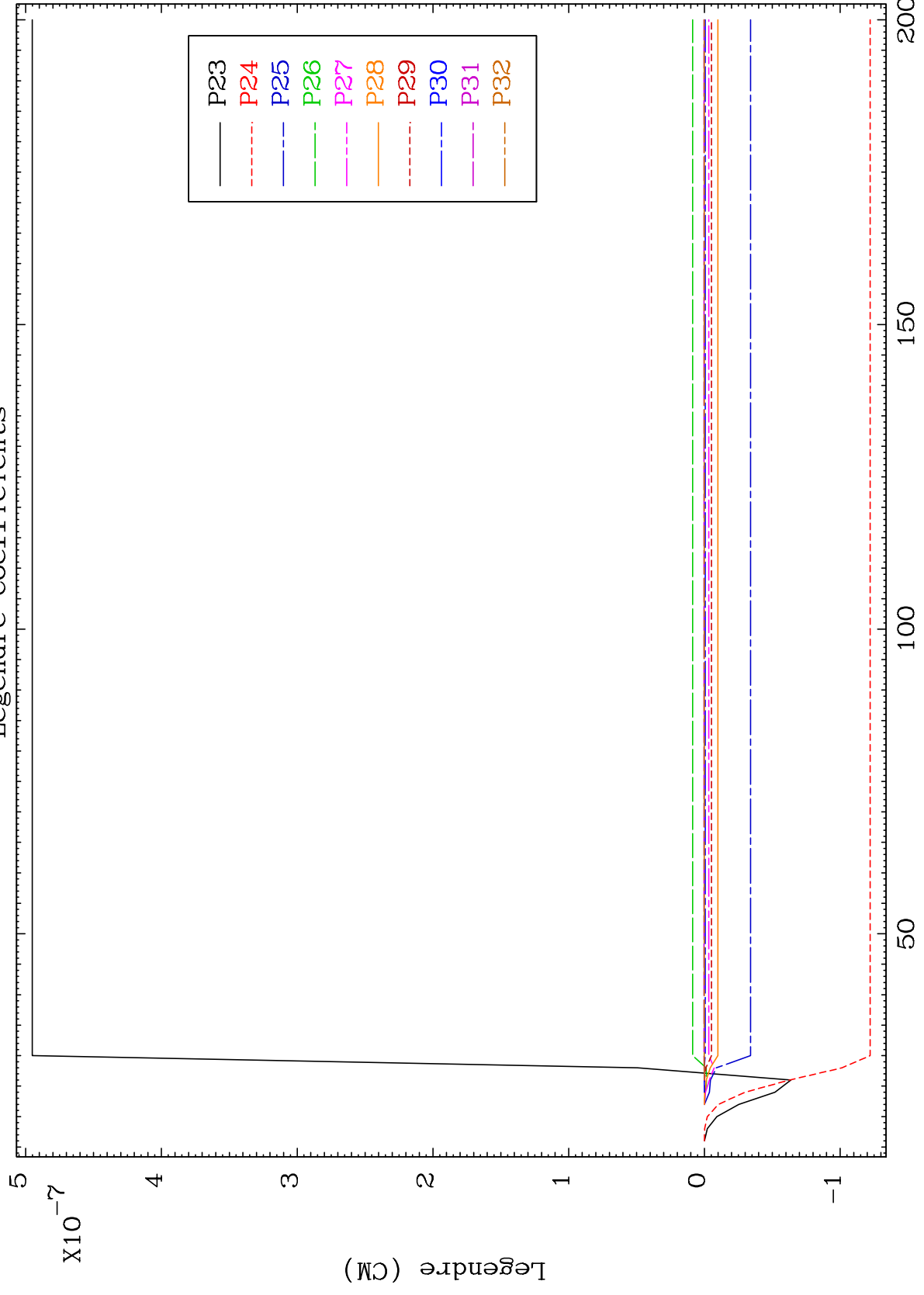
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

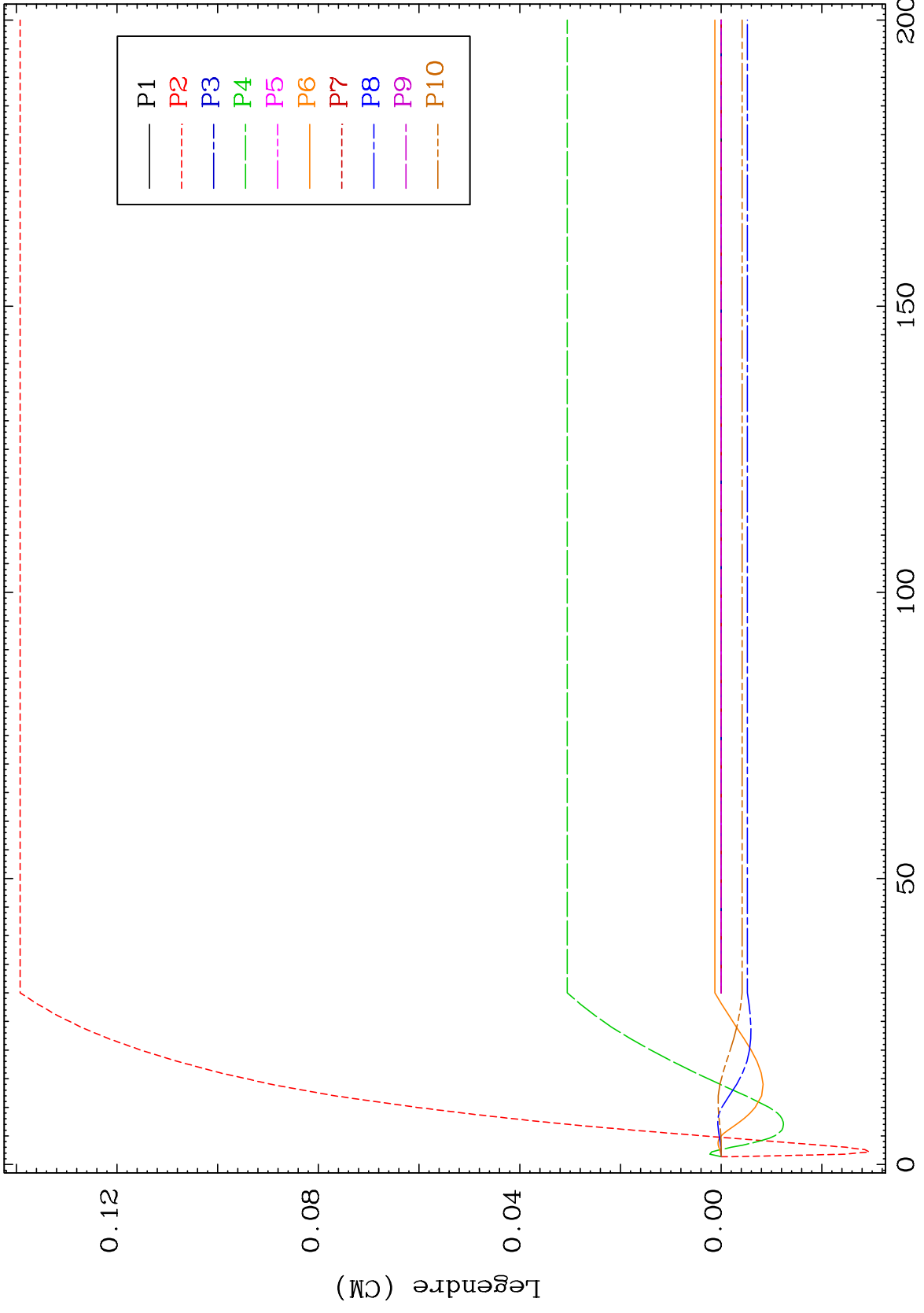
70-Yb-174



41

70-Yb-174

MAT 7043 MT= 57 (n,n') Level Legendre Coefficients 70-Yb-174

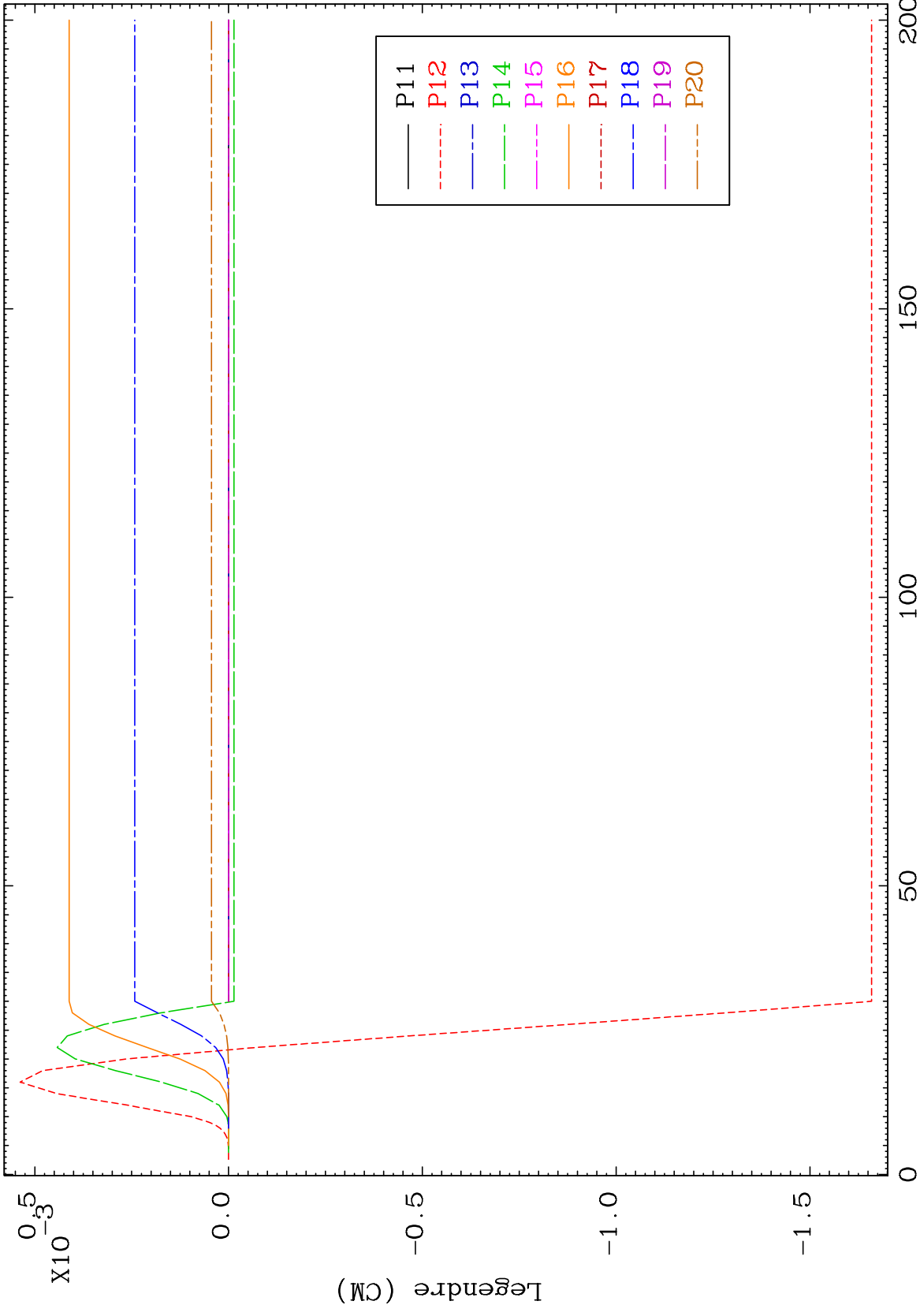


42 Incident Energy (MeV) 70-Yb-174

MAT 7043

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

70-Yb-174



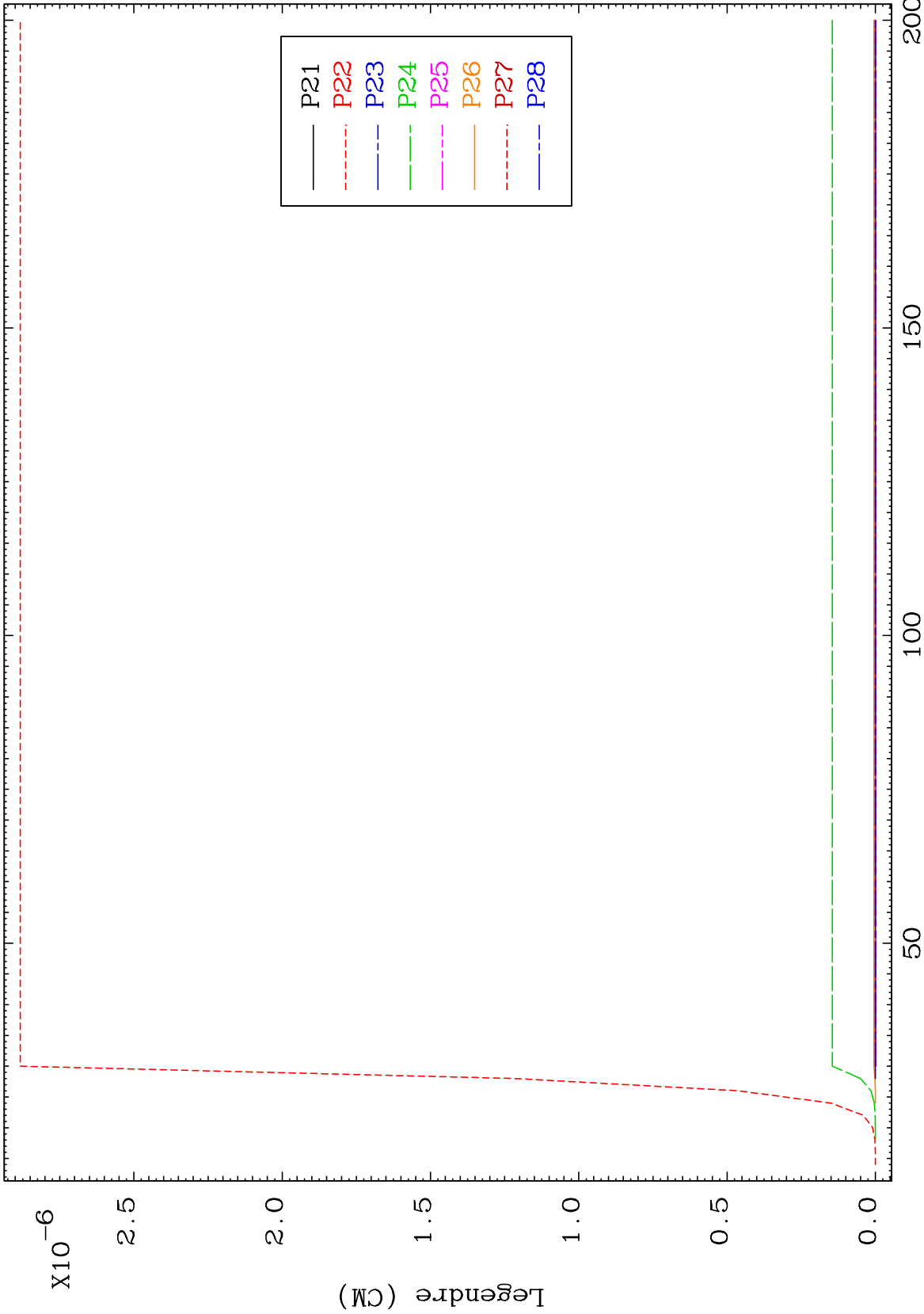
43

70-Yb-174

MAT 7043

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

70-Yb-174



44

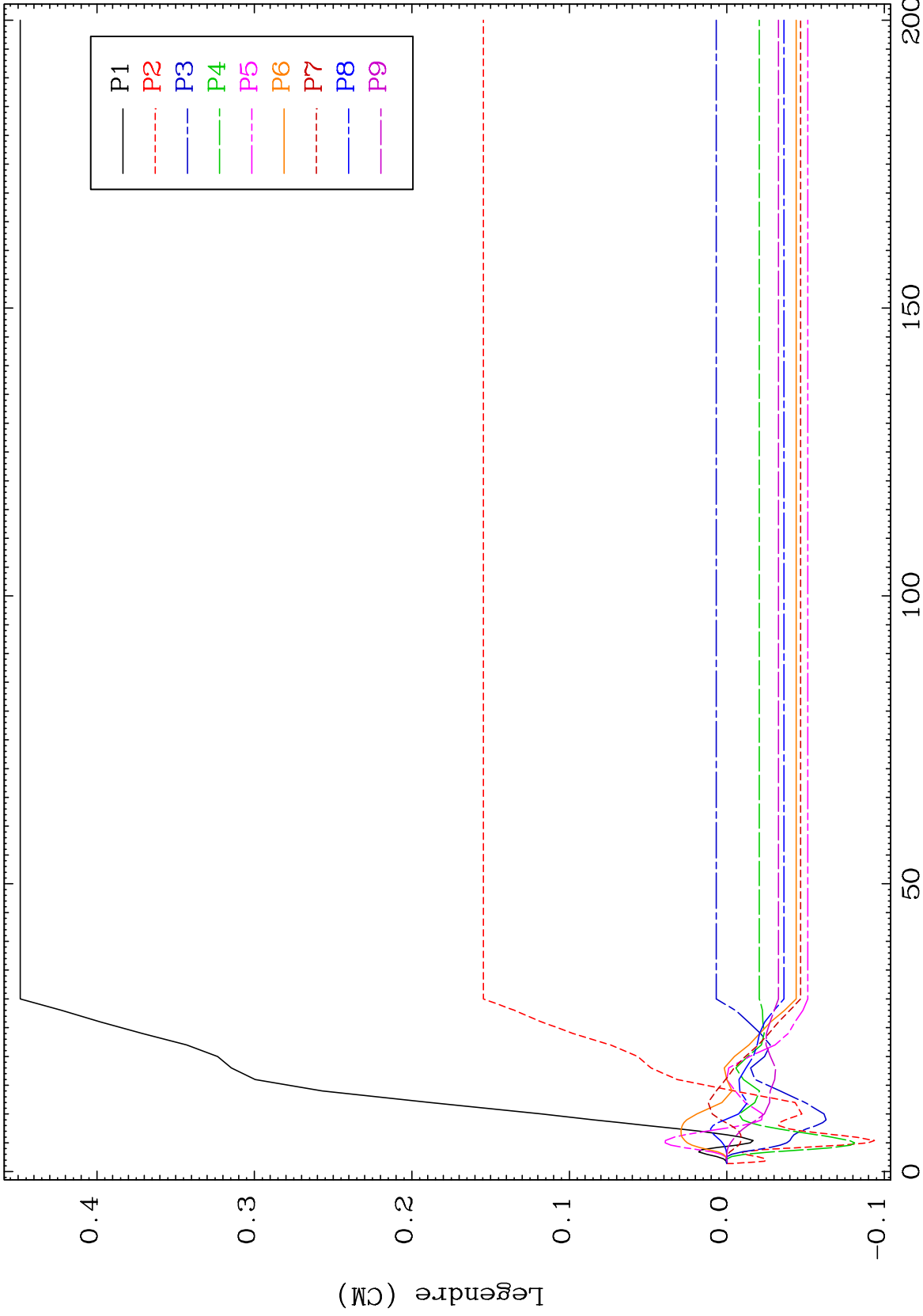
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



45

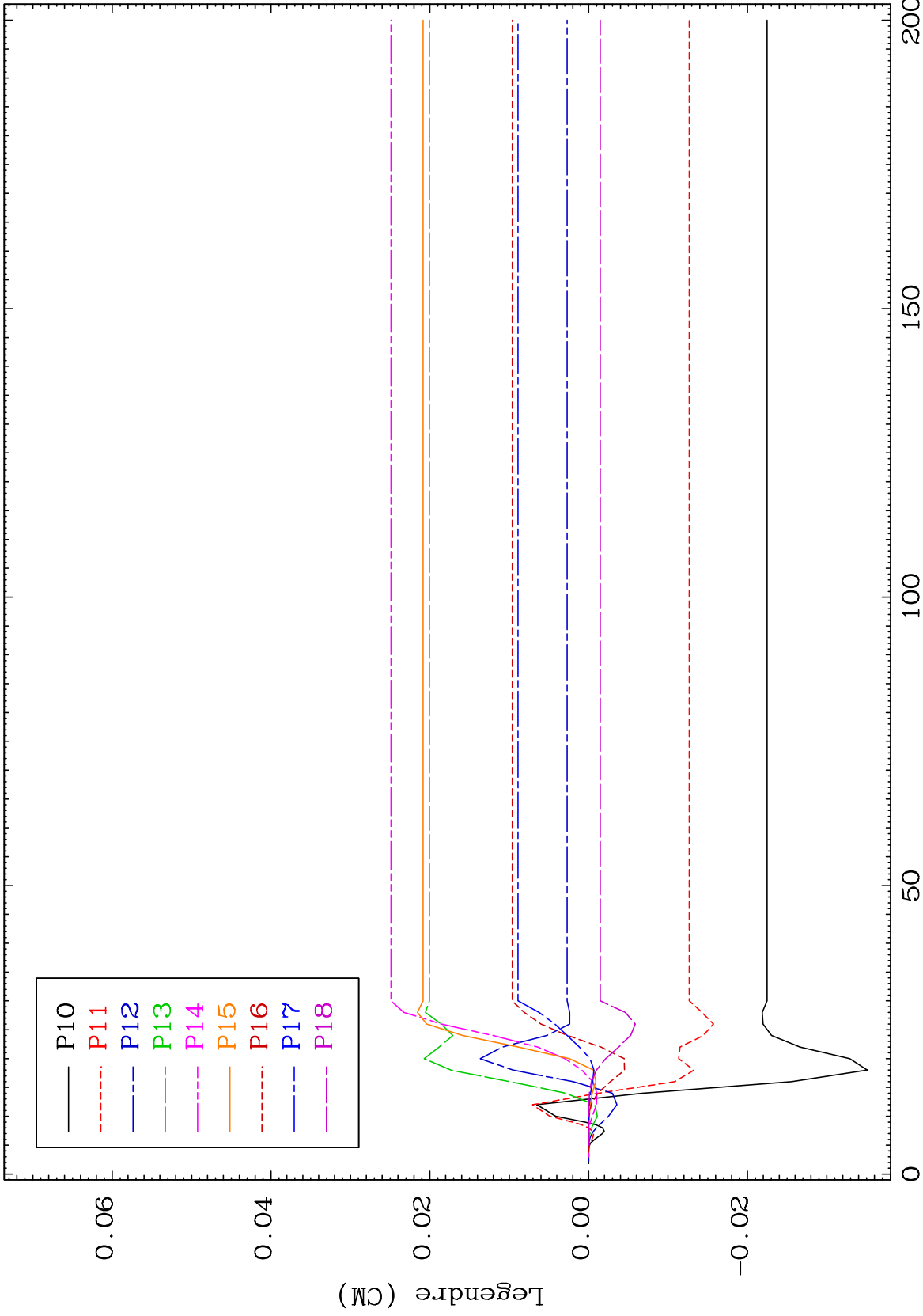
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



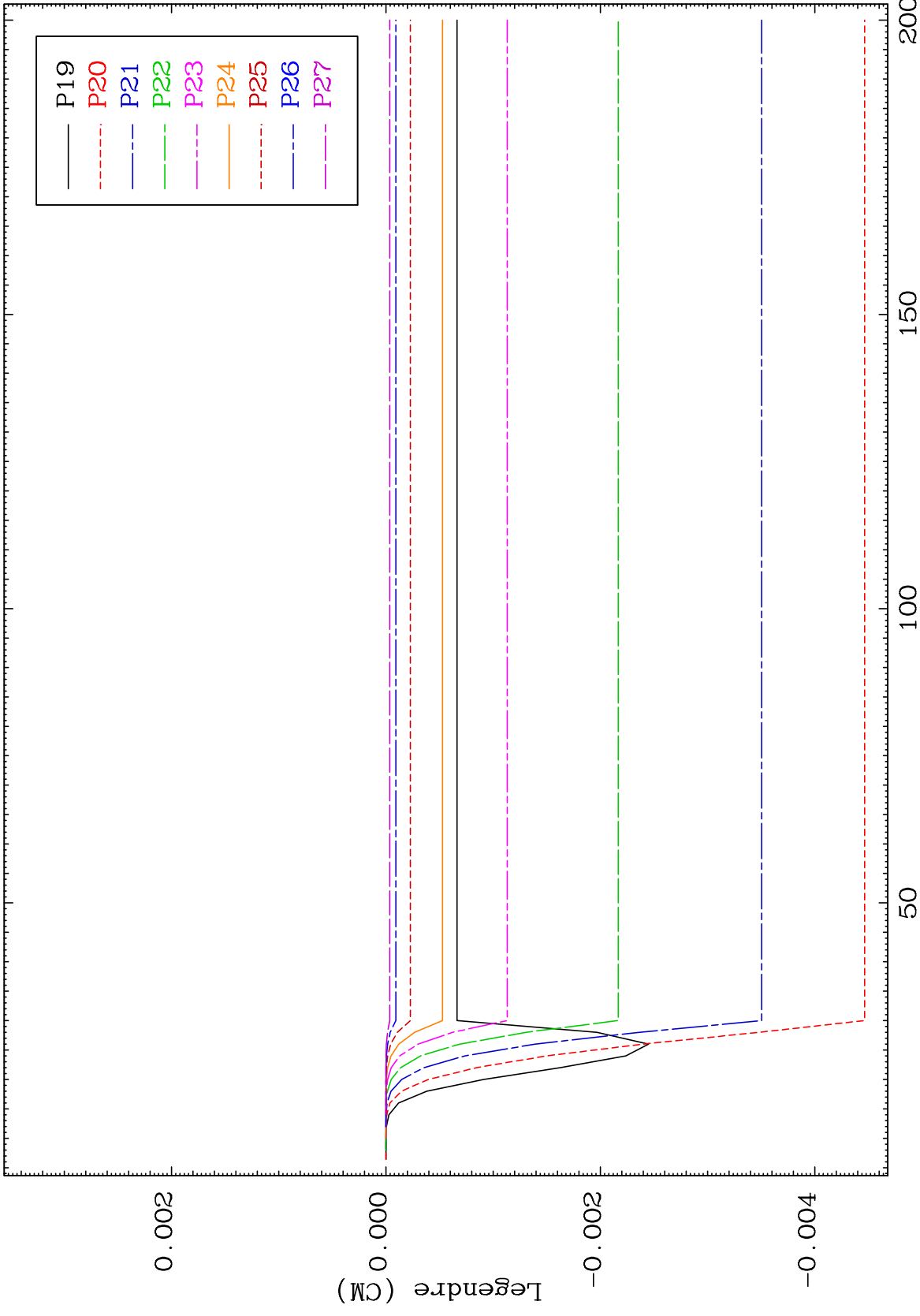
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70-Yb-174

MAT 7043

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

70-Yb-174



47

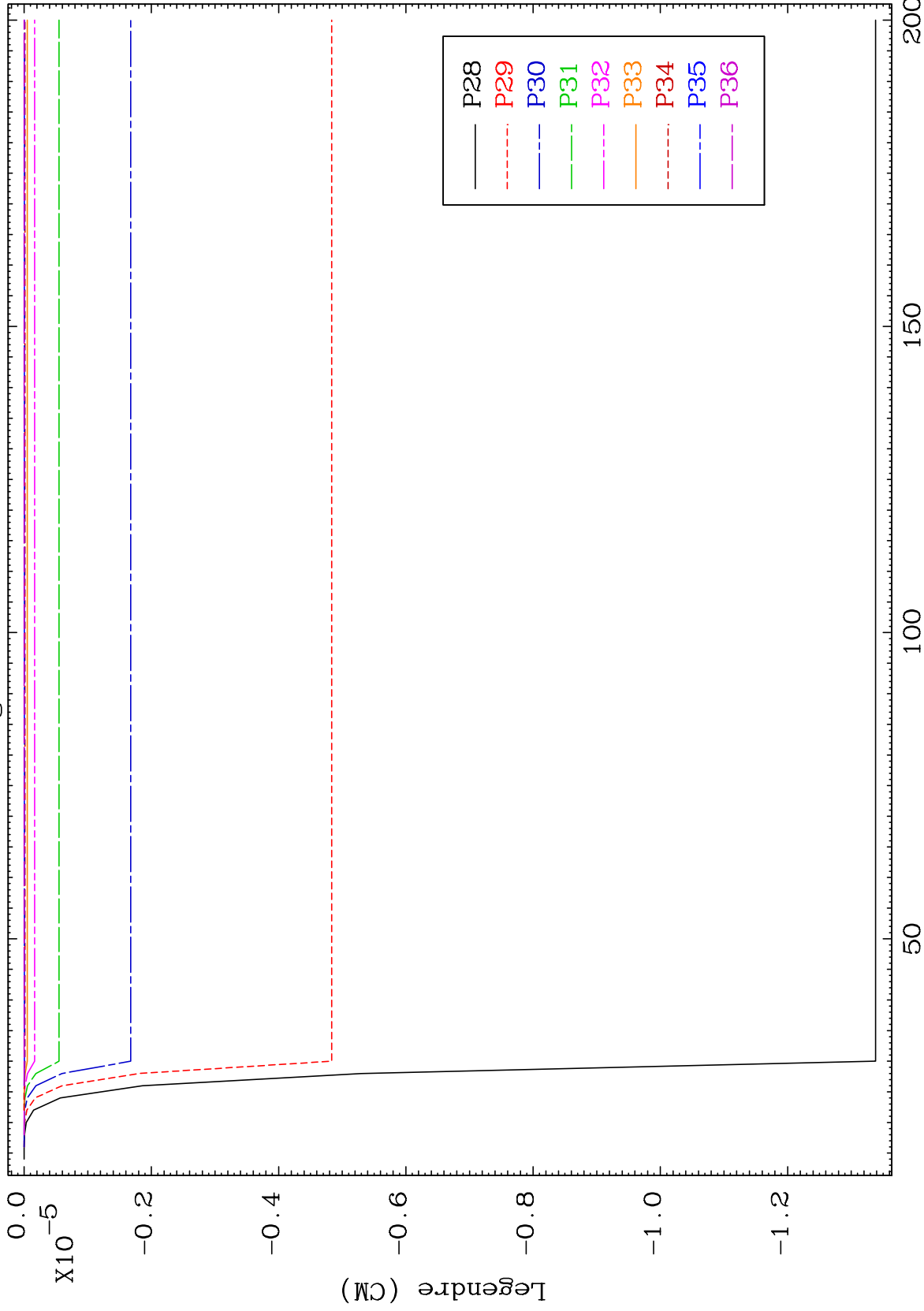
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



70-Yb-174

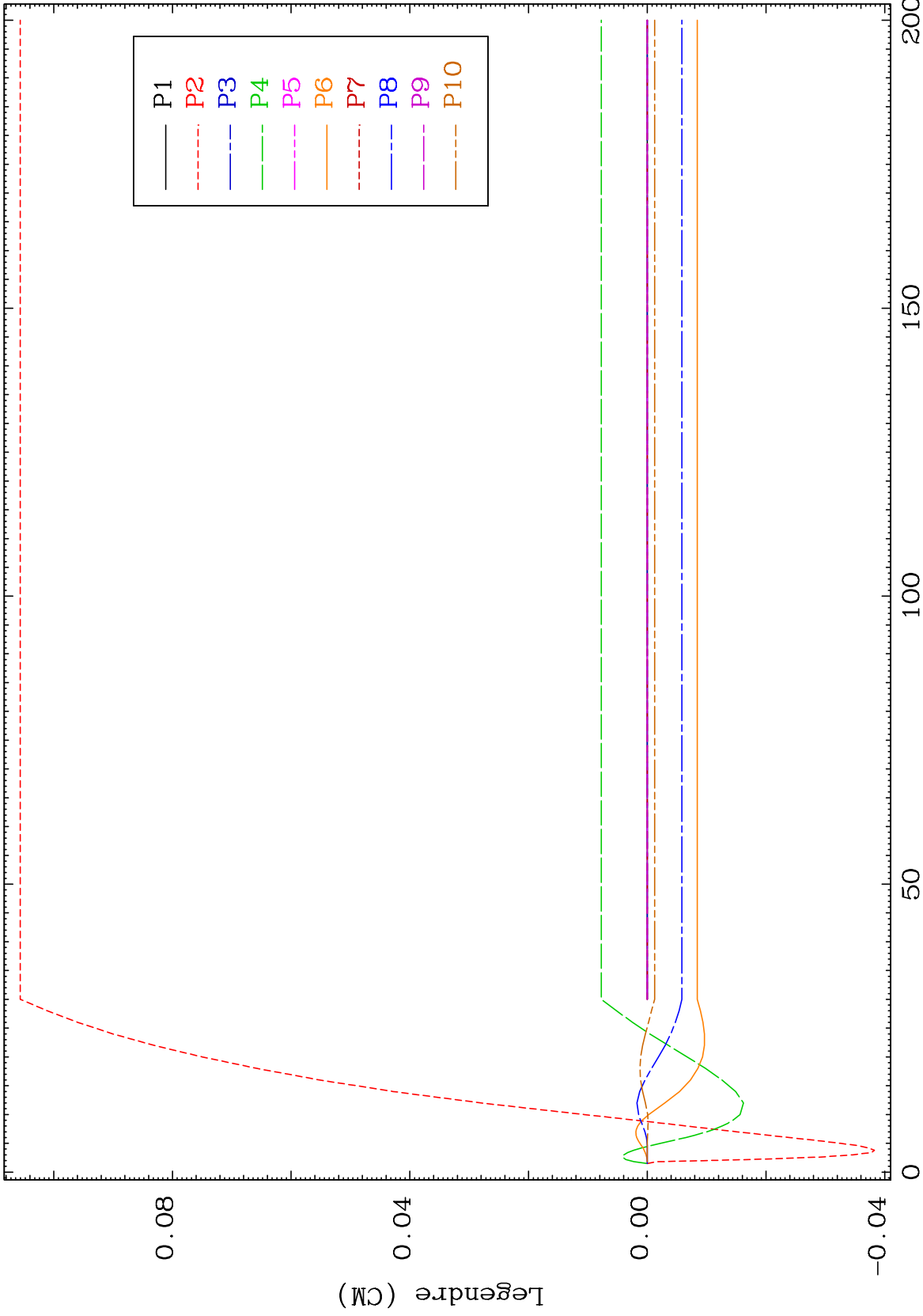
Incident Energy (MeV)

48

MAT 7043

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

70-Yb-174

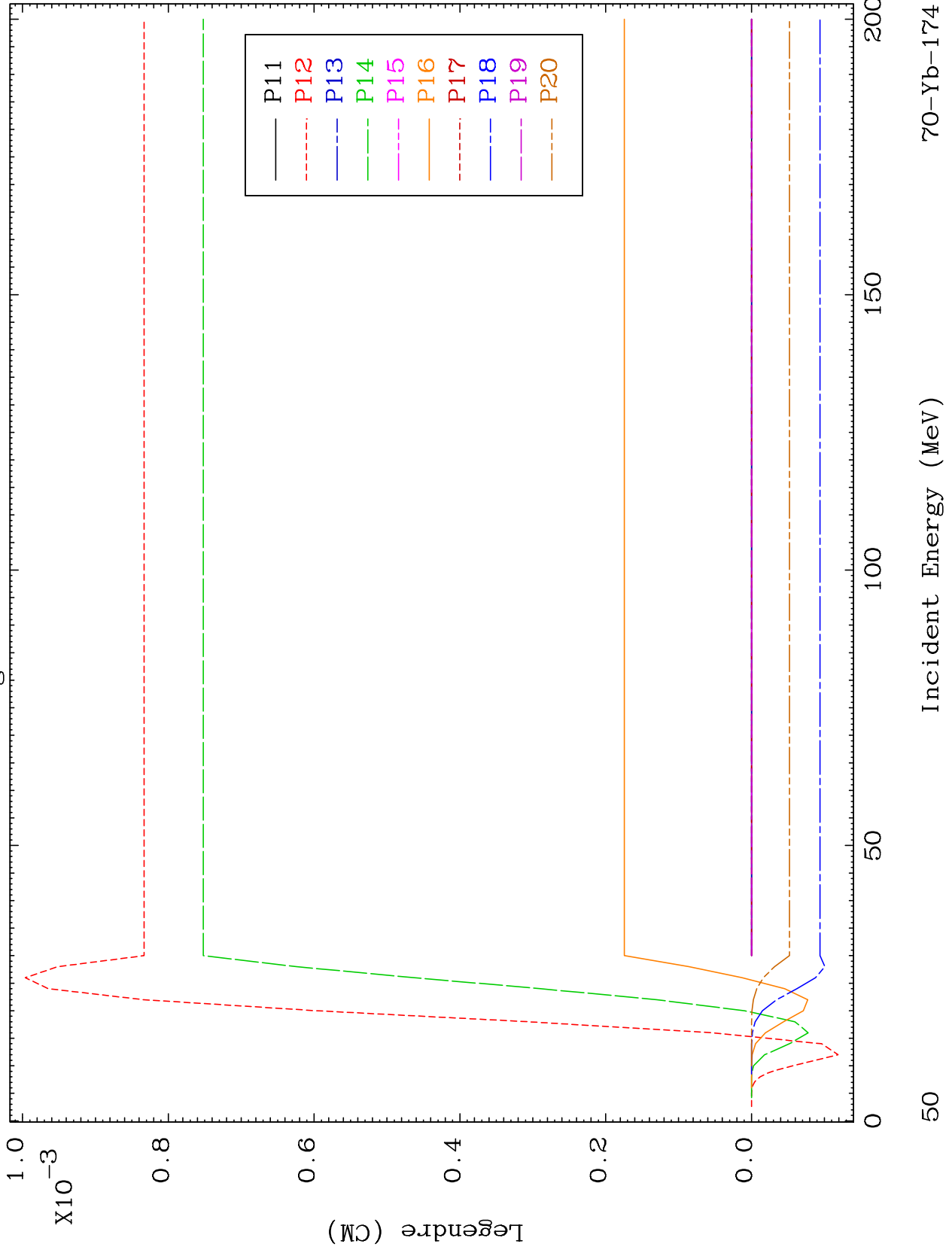


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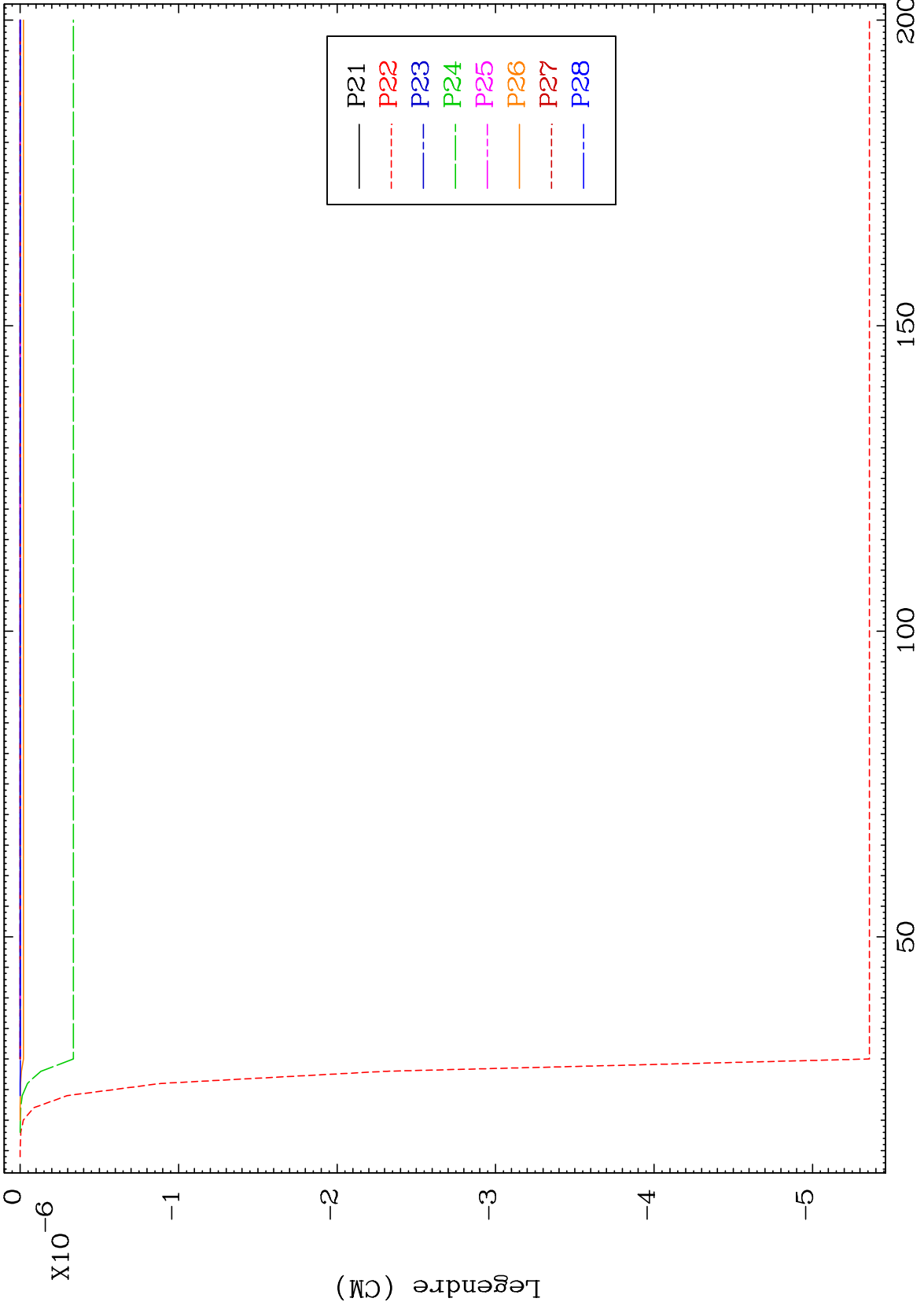
Incident Energy (MeV)

70-Yb-174

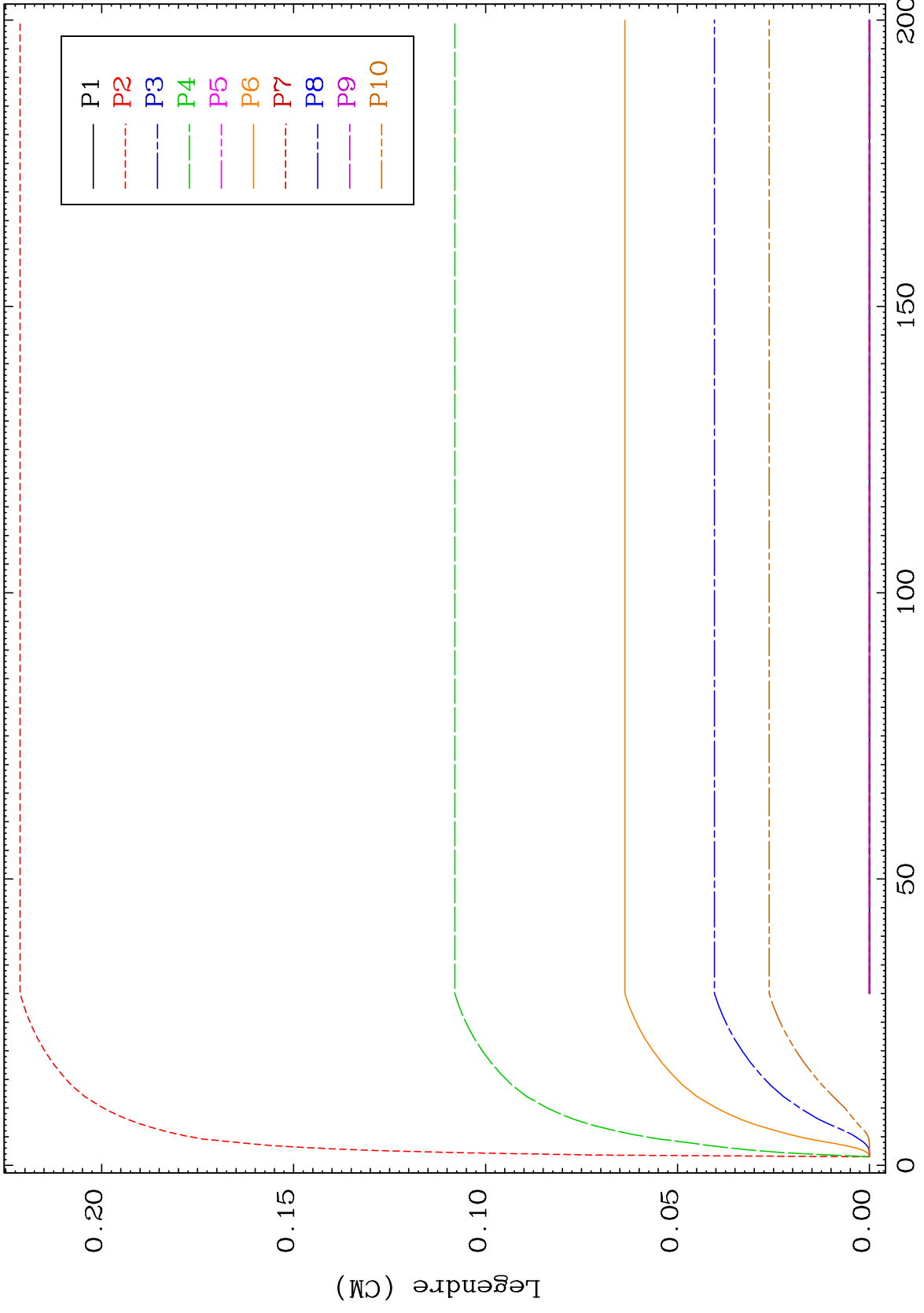
MAT 7043 MT= 59 (n,n') Level Legendre Coefficients 70-Yb-174



MAT 7043 MT= 59 (n,n') Level Legendre Coefficients 70-Yb-174



MAT 7043 MT= 60 (n,n') Level Legendre Coefficients 70-Yb-174

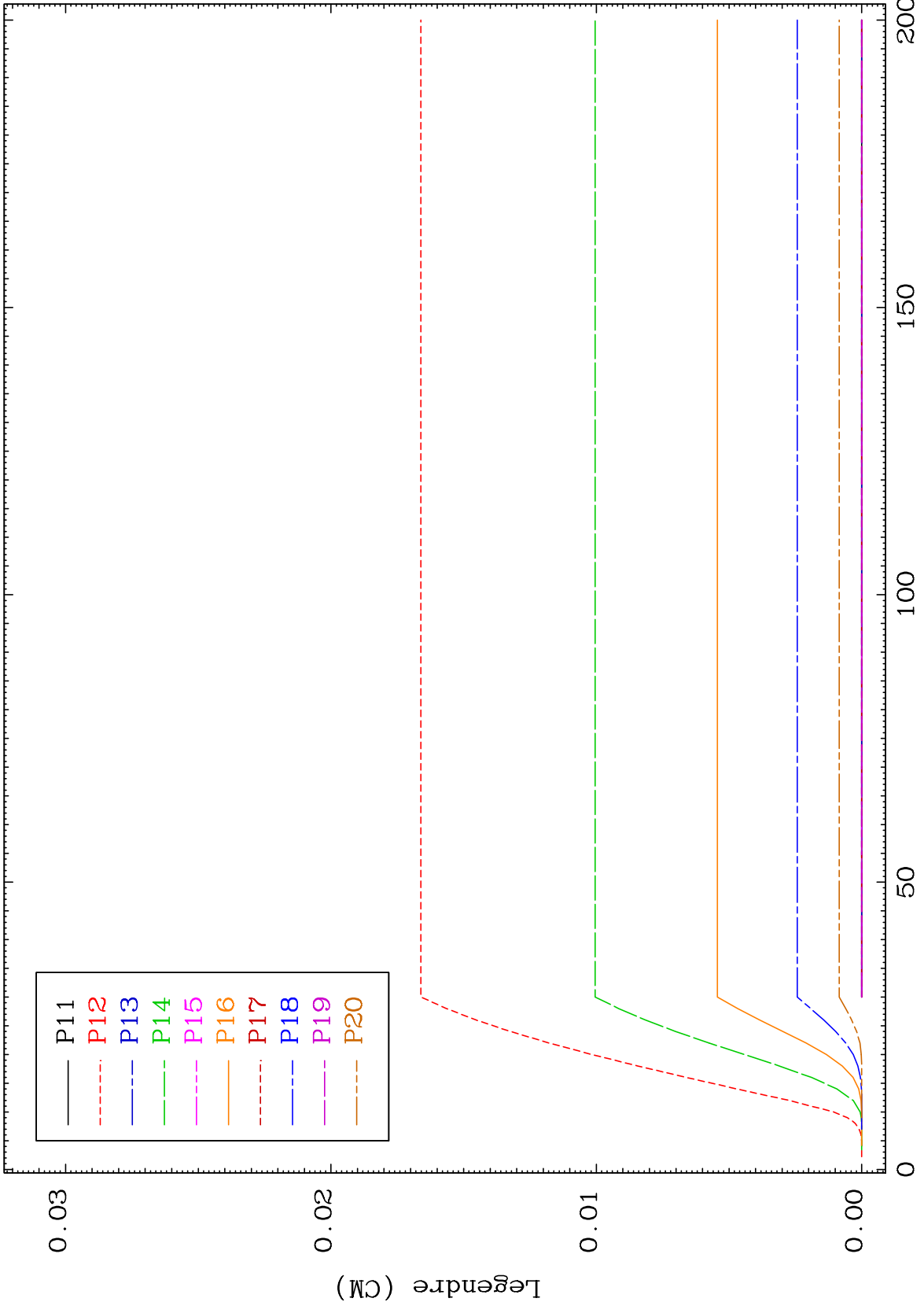


52 Incident Energy (MeV) 70-Yb-174

MAT 7043

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

70-Yb-174

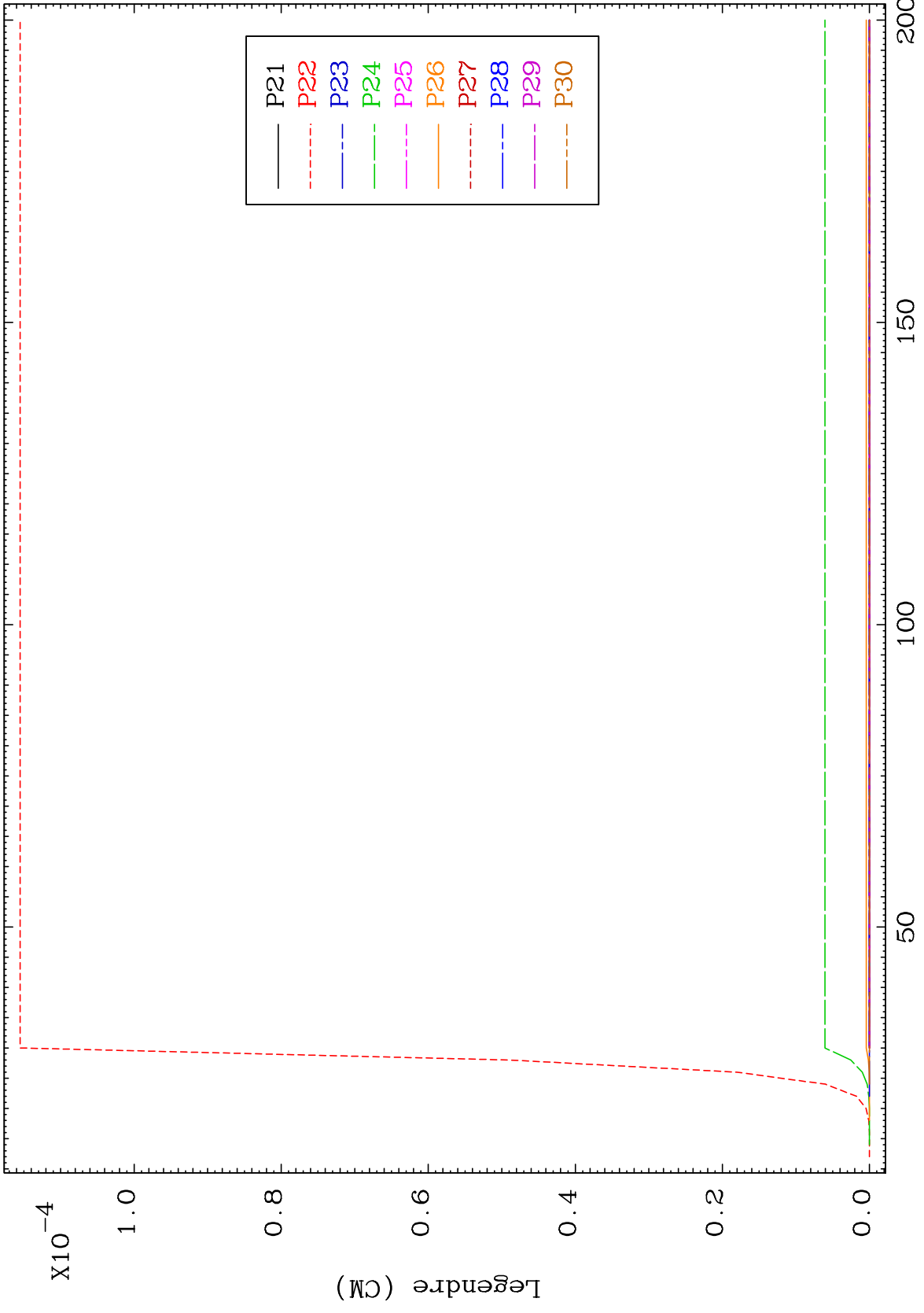


53

Incident Energy (MeV)

70-Yb-174

MAT 7043 MT= 60 (n,n') Level Legendre Coefficients 70-Yb-174

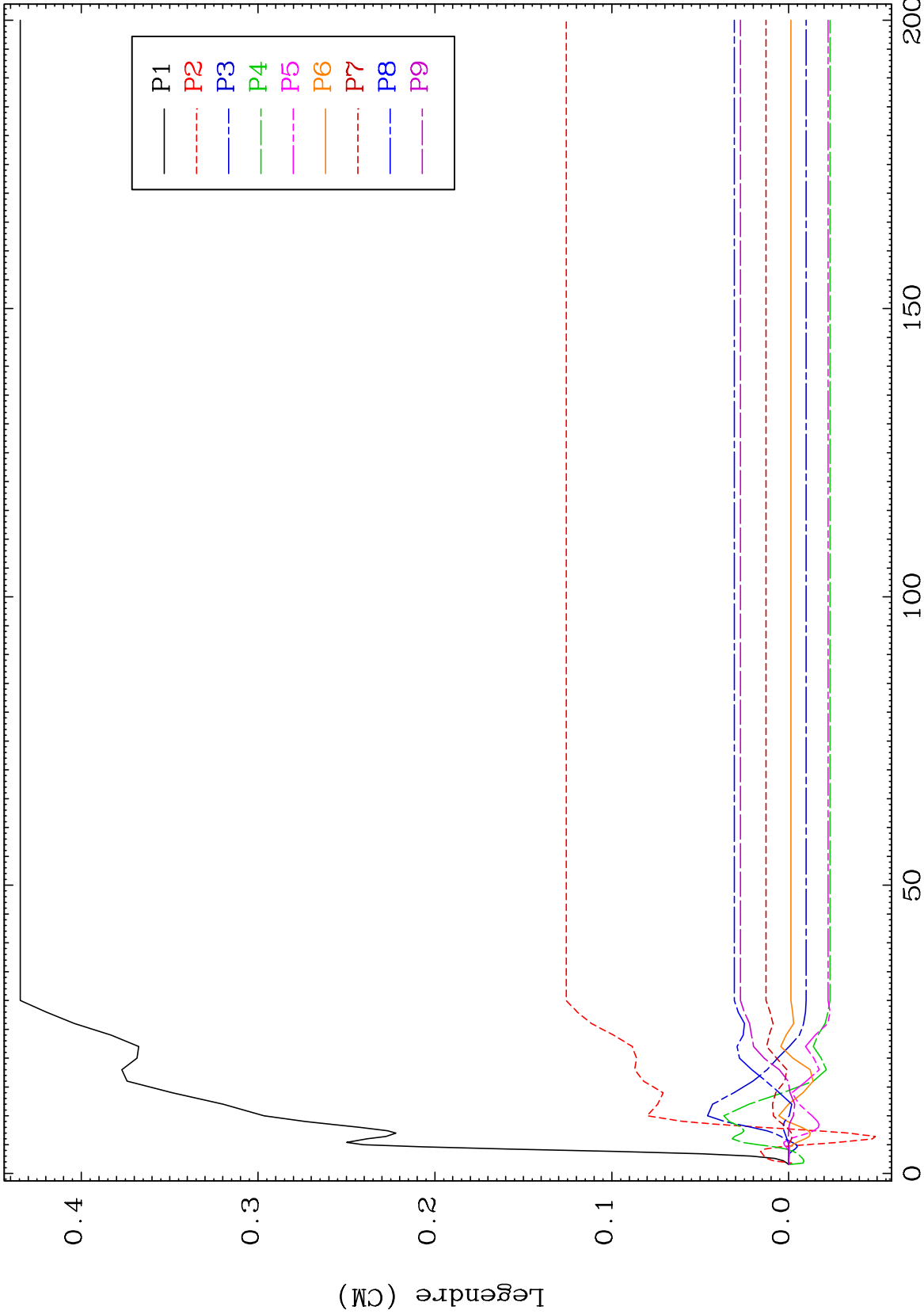


54 Incident Energy (MeV) 70-Yb-174

MAT 7043

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

70-Yb-174



55

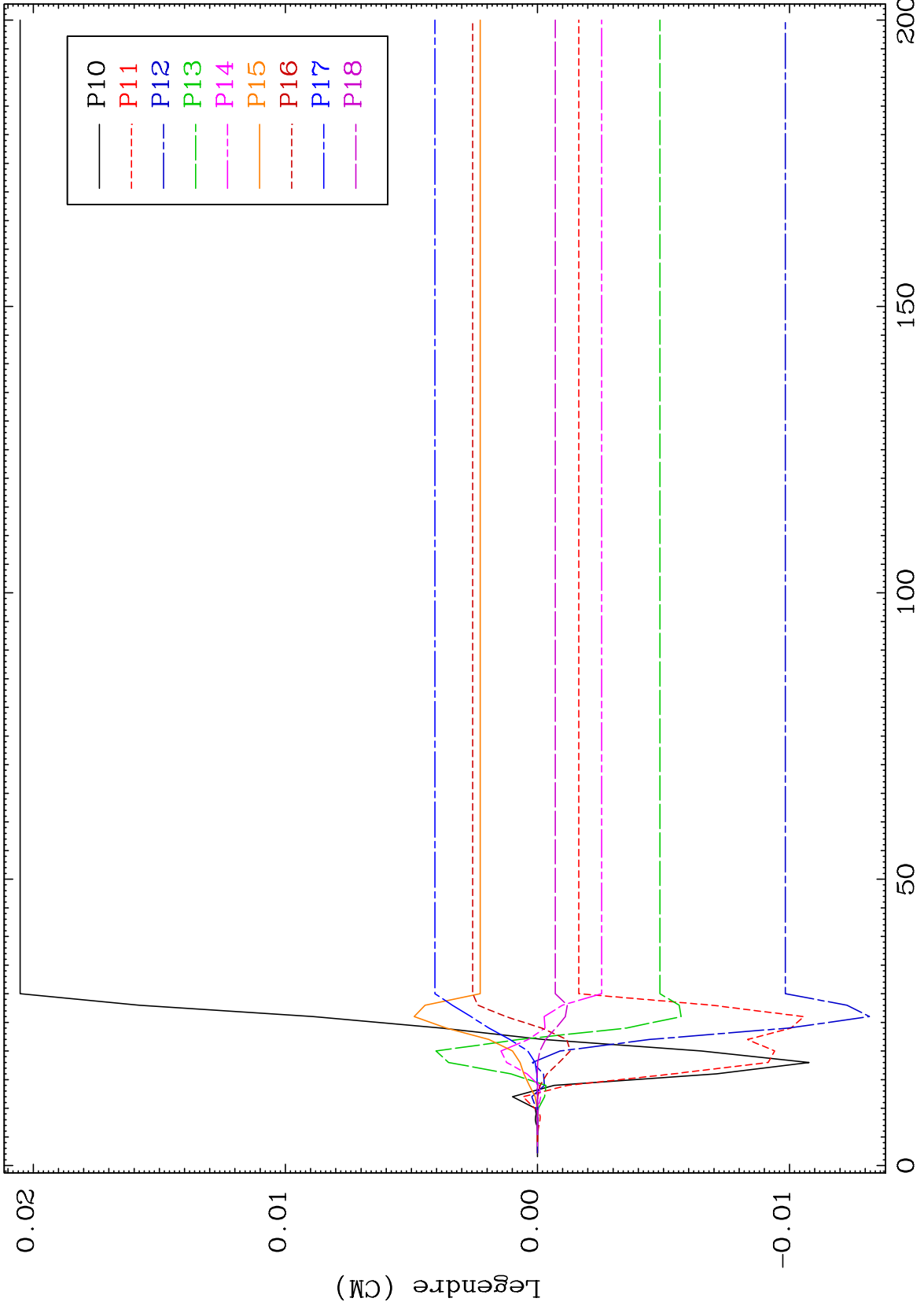
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



56

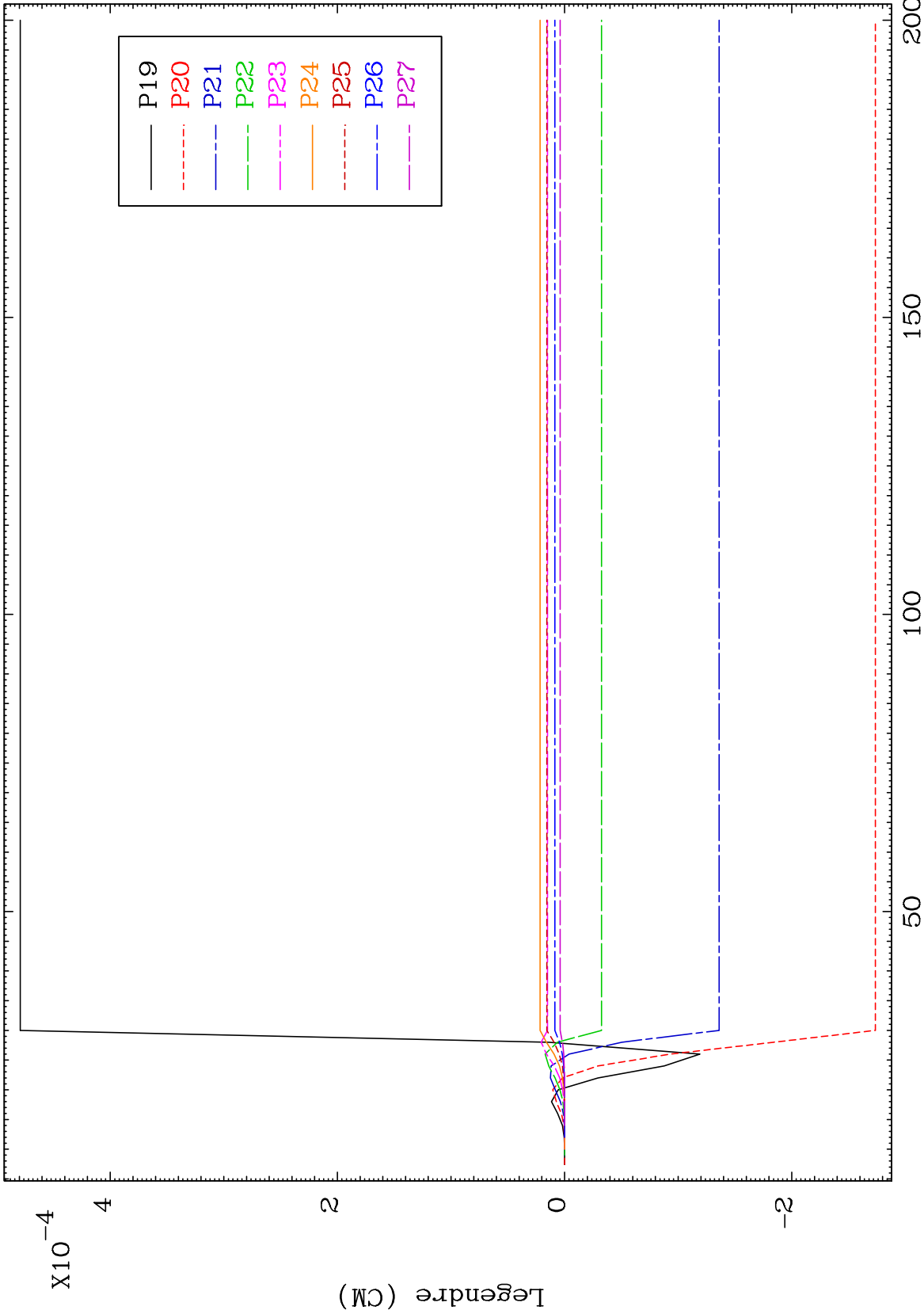
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



57

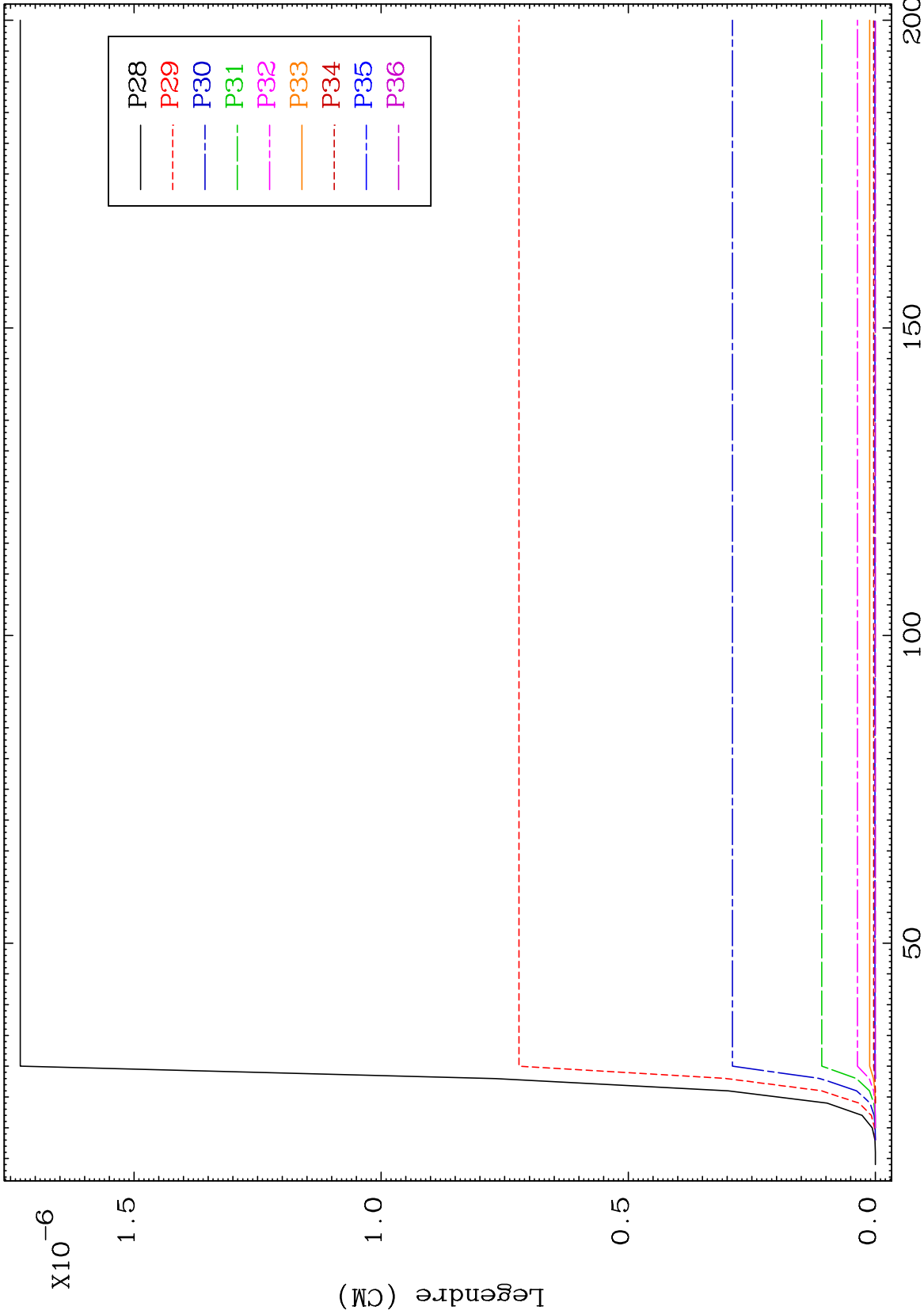
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



58

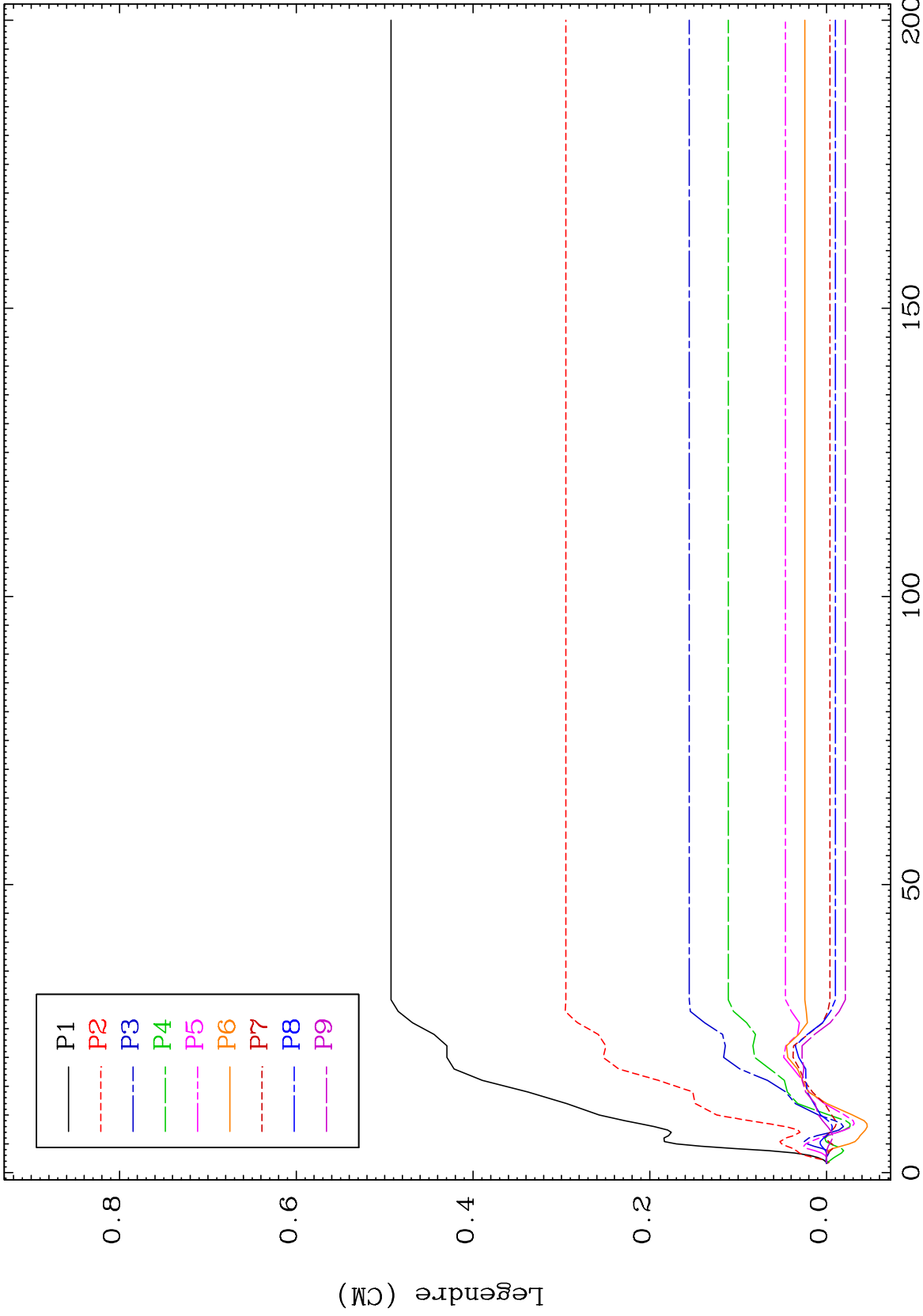
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174

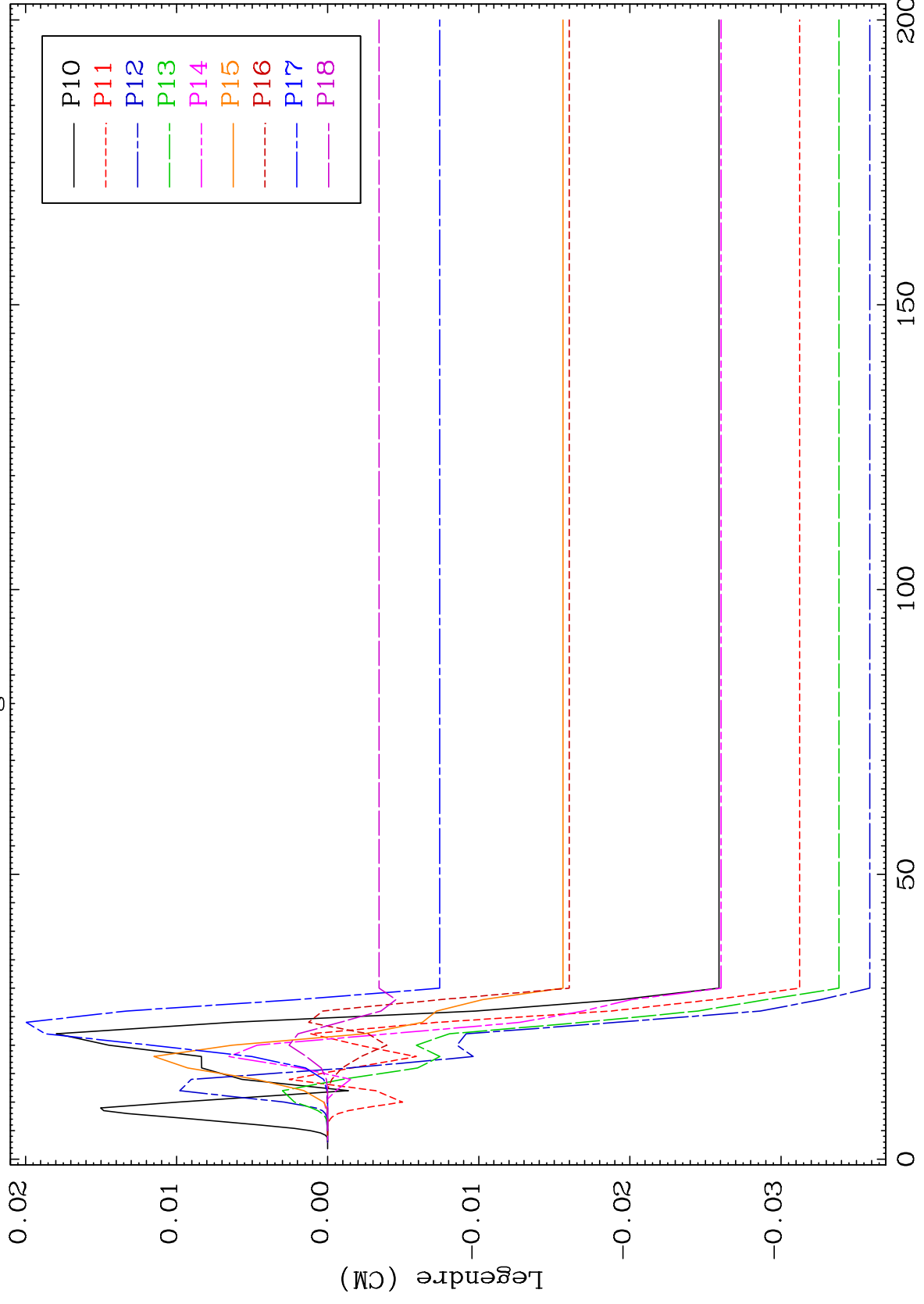


59

Incident Energy (MeV)

70-Yb-174

MAT 7043 MT= 62 (n,n') Level Legendre Coefficients 70-Yb-174

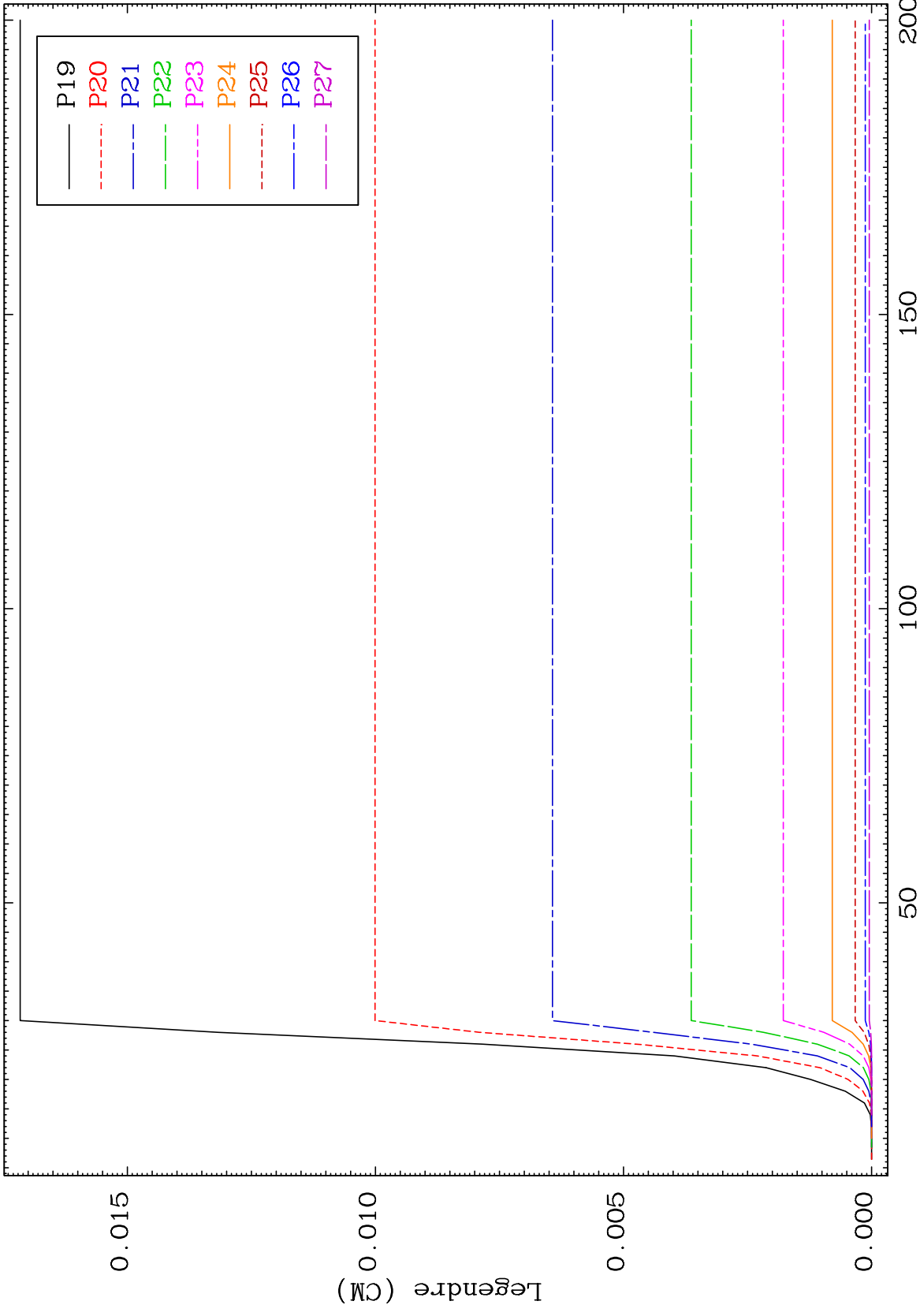


60 Incident Energy (MeV) 70-Yb-174

MAT 7043

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

70-Yb-174



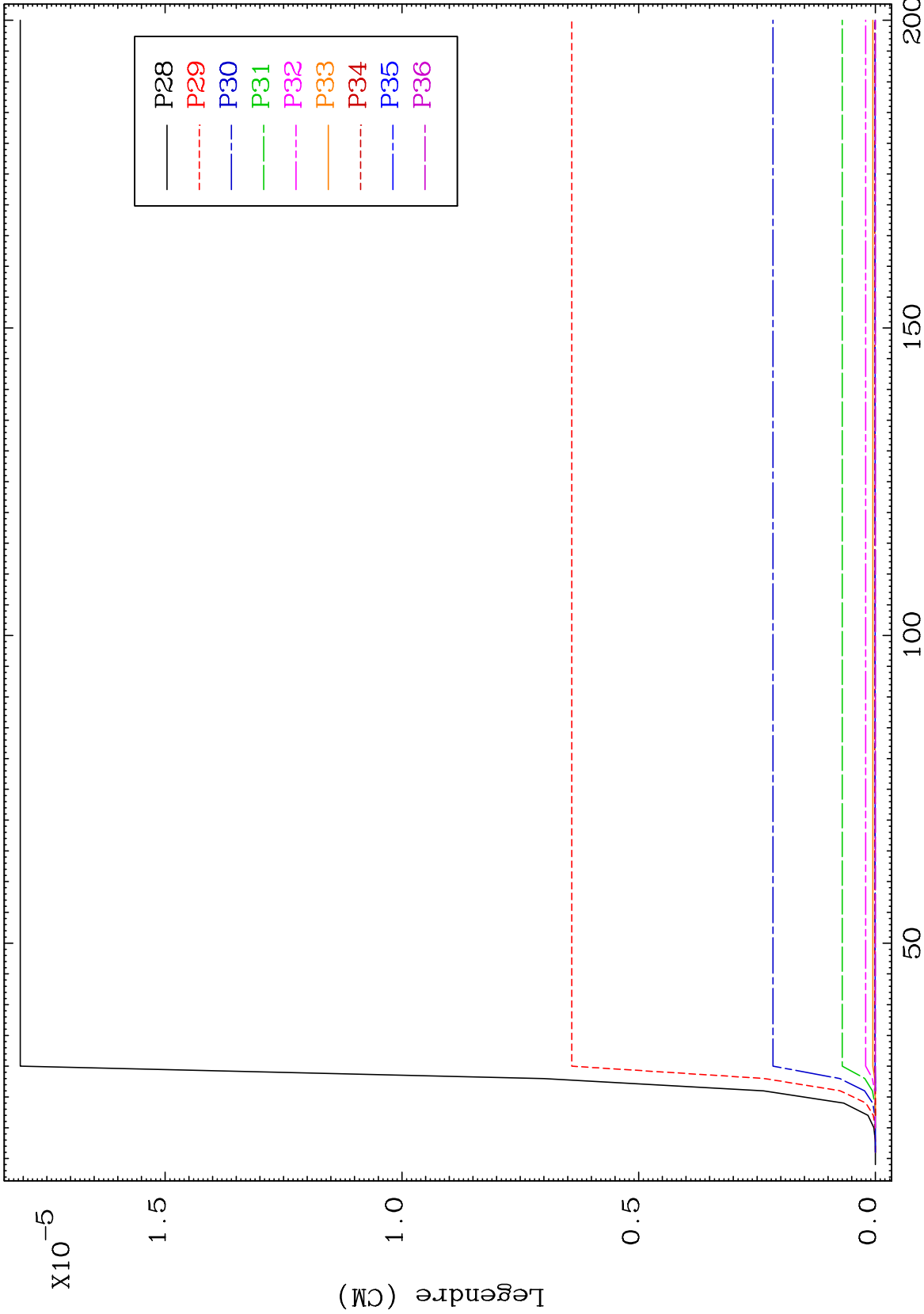
61

70-Yb-174

MAT 7043

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

70-Yb-174



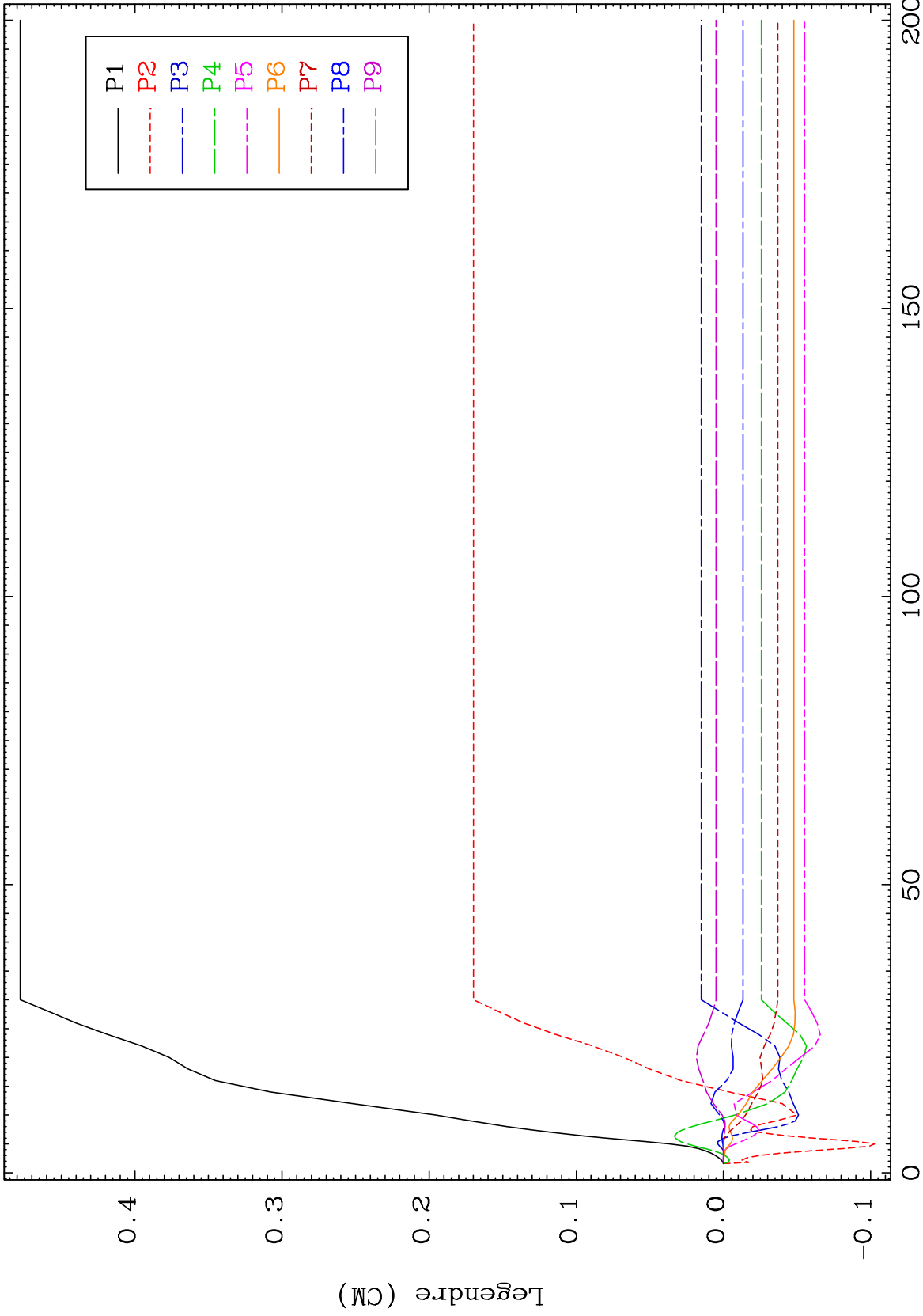
62

70-Yb-174

MAT 7043

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

70-Yb-174



63

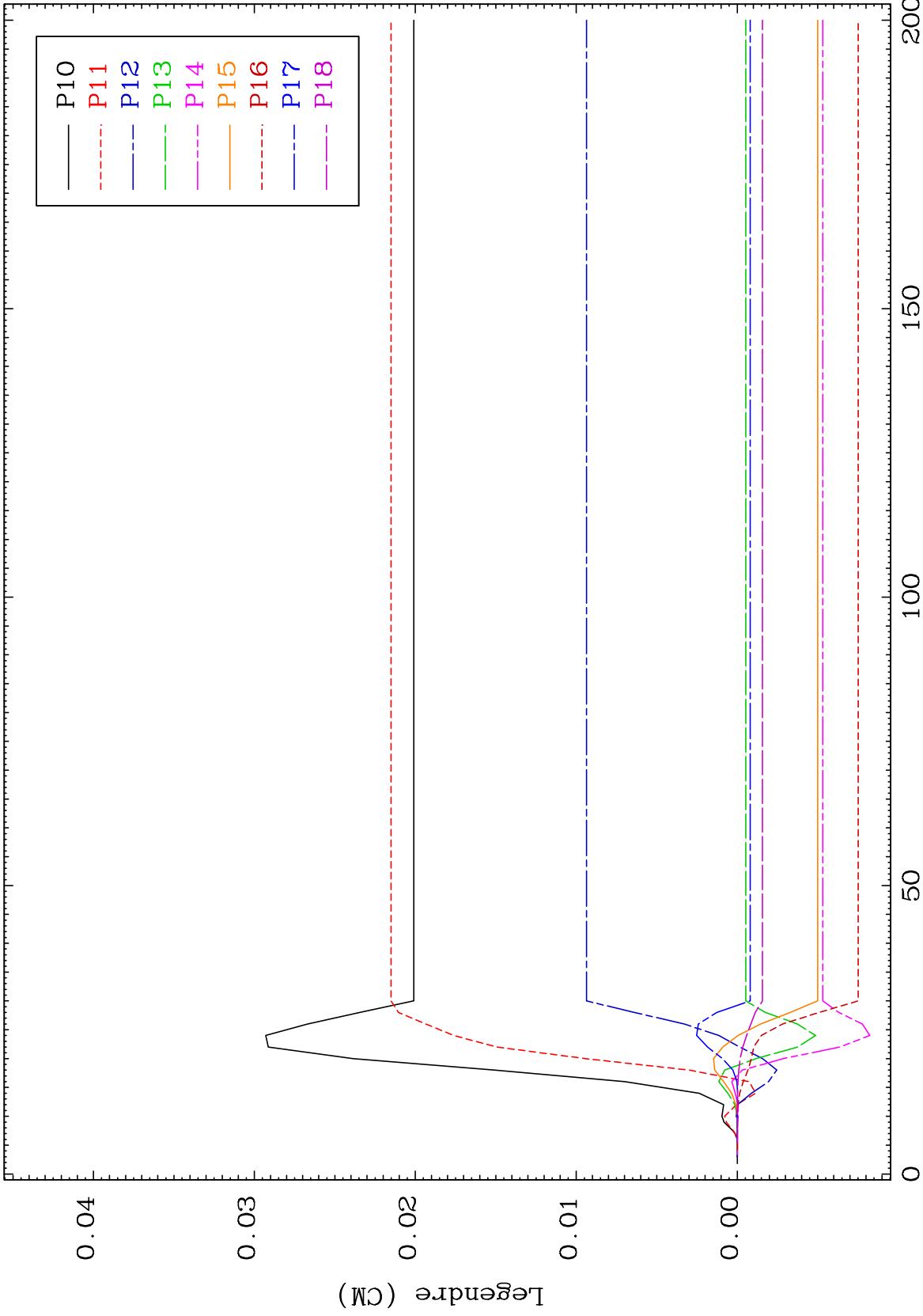
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



64

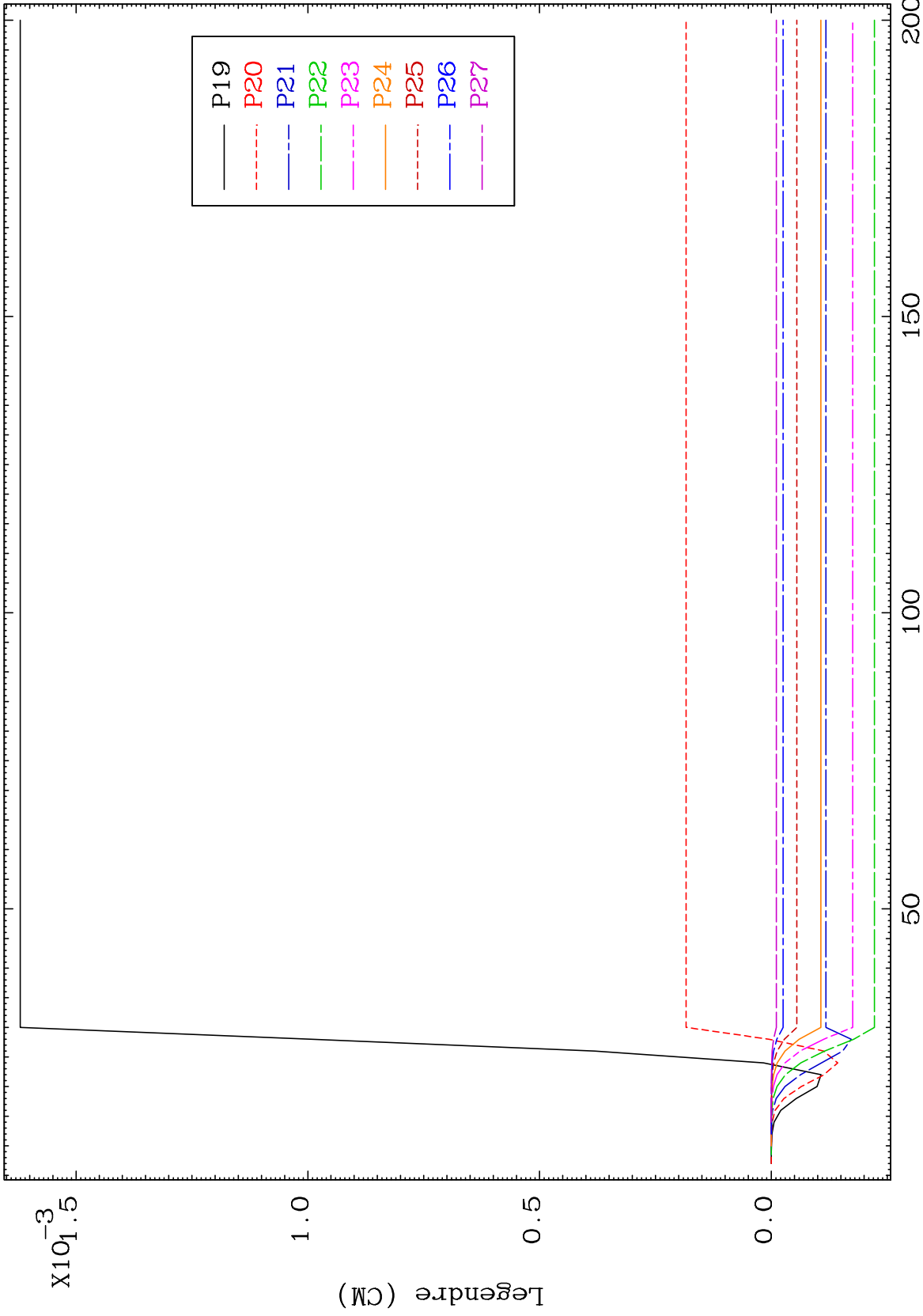
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



65

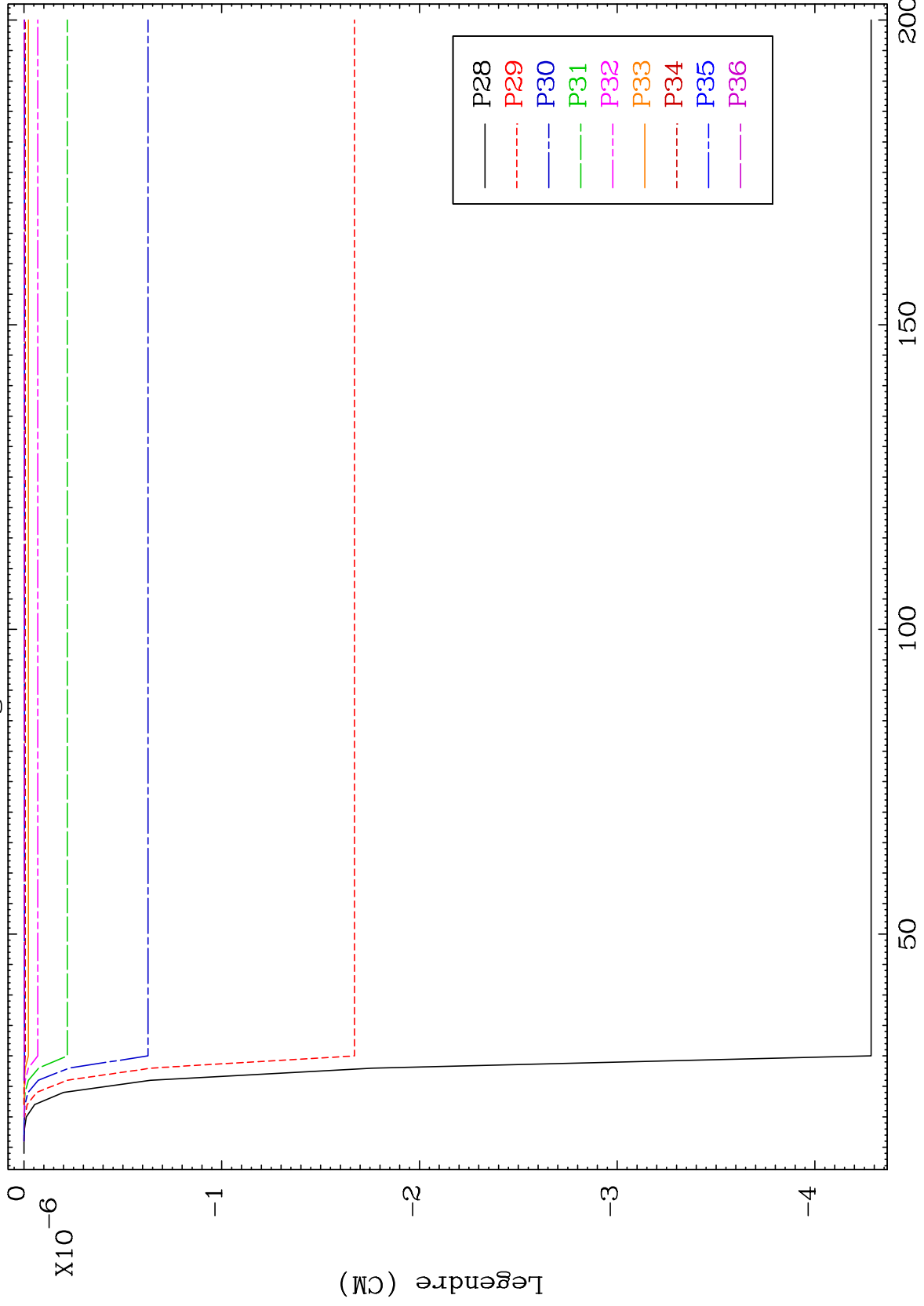
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174

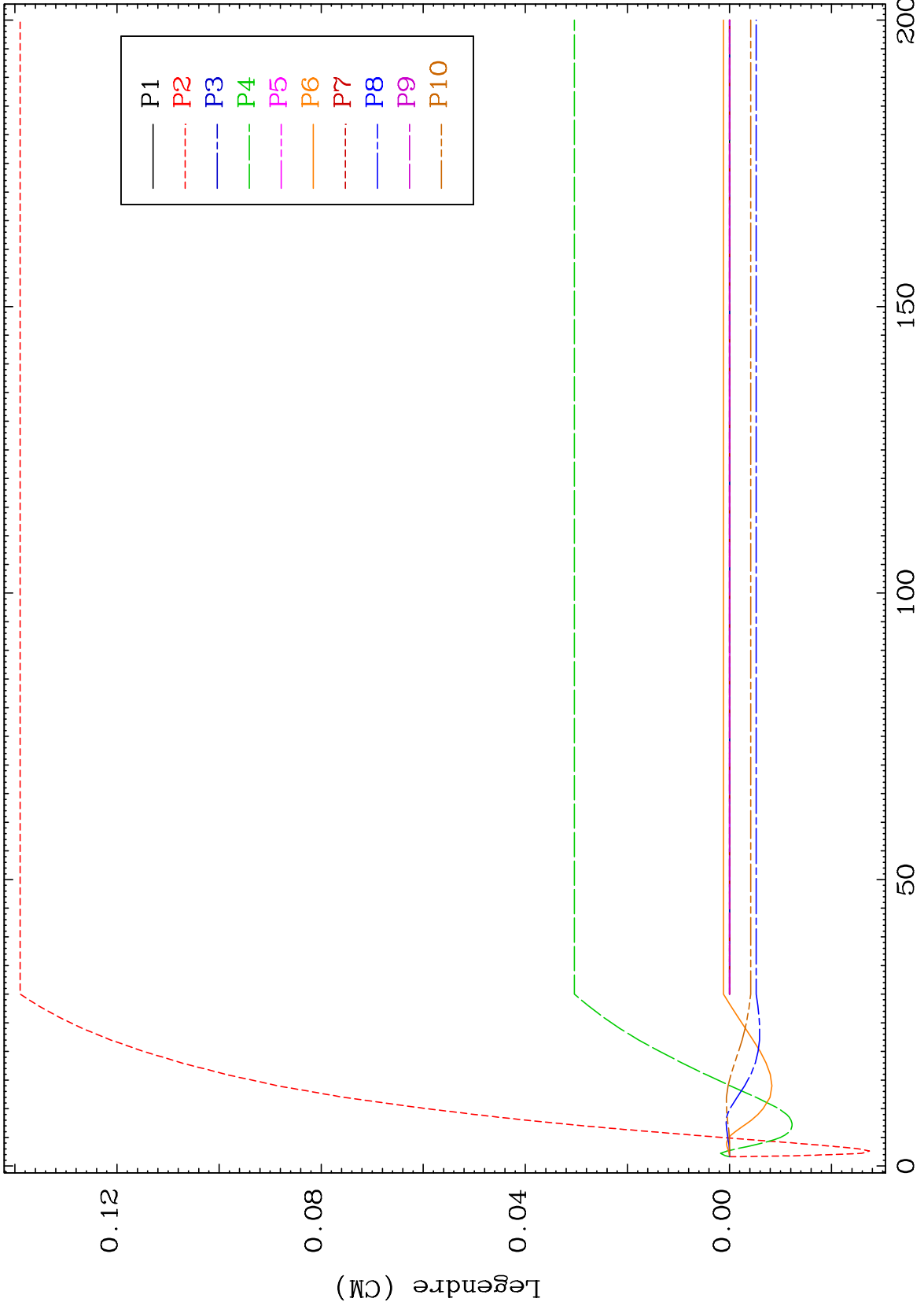


70-Yb-174

Incident Energy (MeV)

66

MAT 7043 MT= 64 (n,n') Level Legendre Coefficients 70-Yb-174

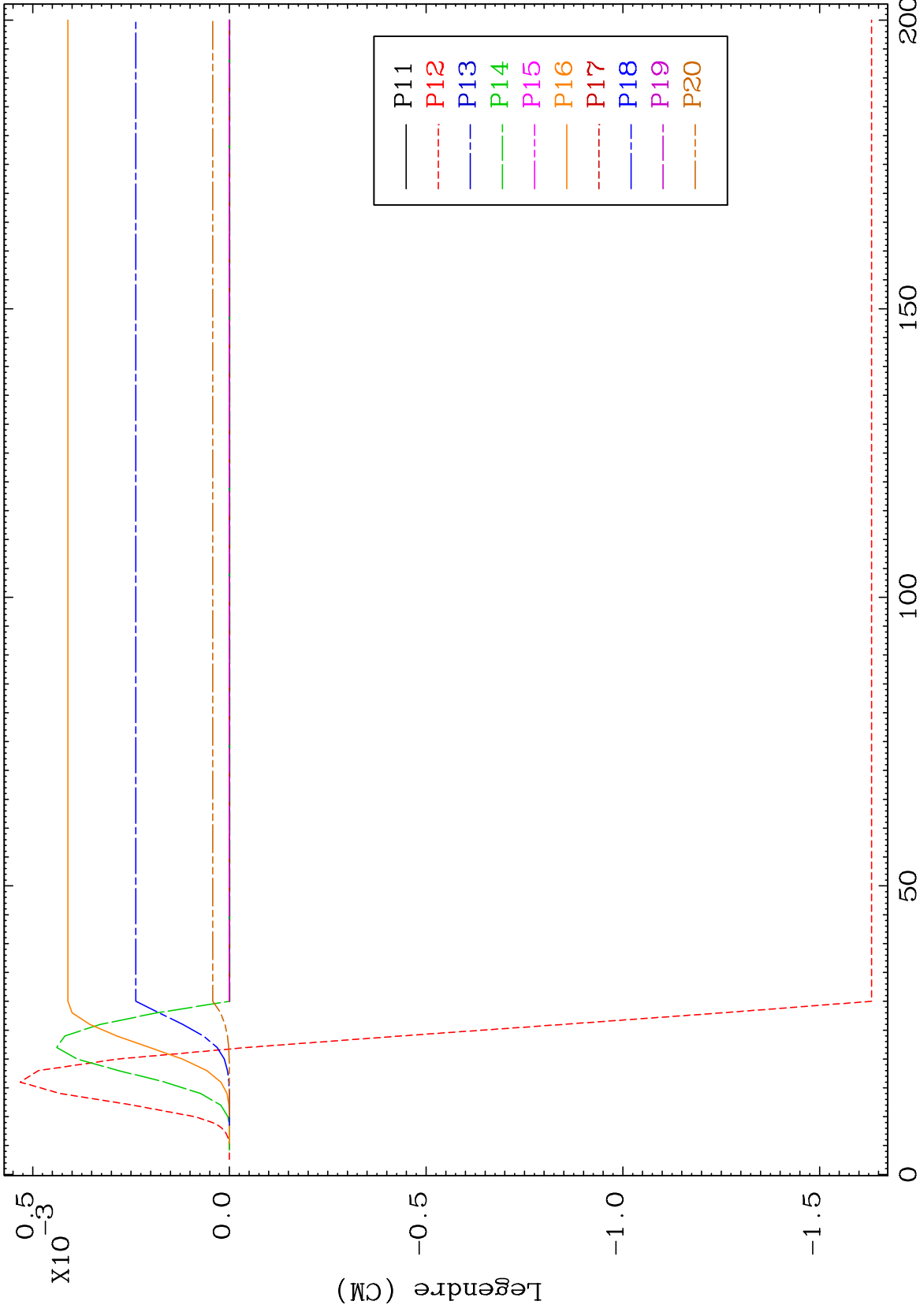


67 Incident Energy (MeV) 70-Yb-174

MAT 7043

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

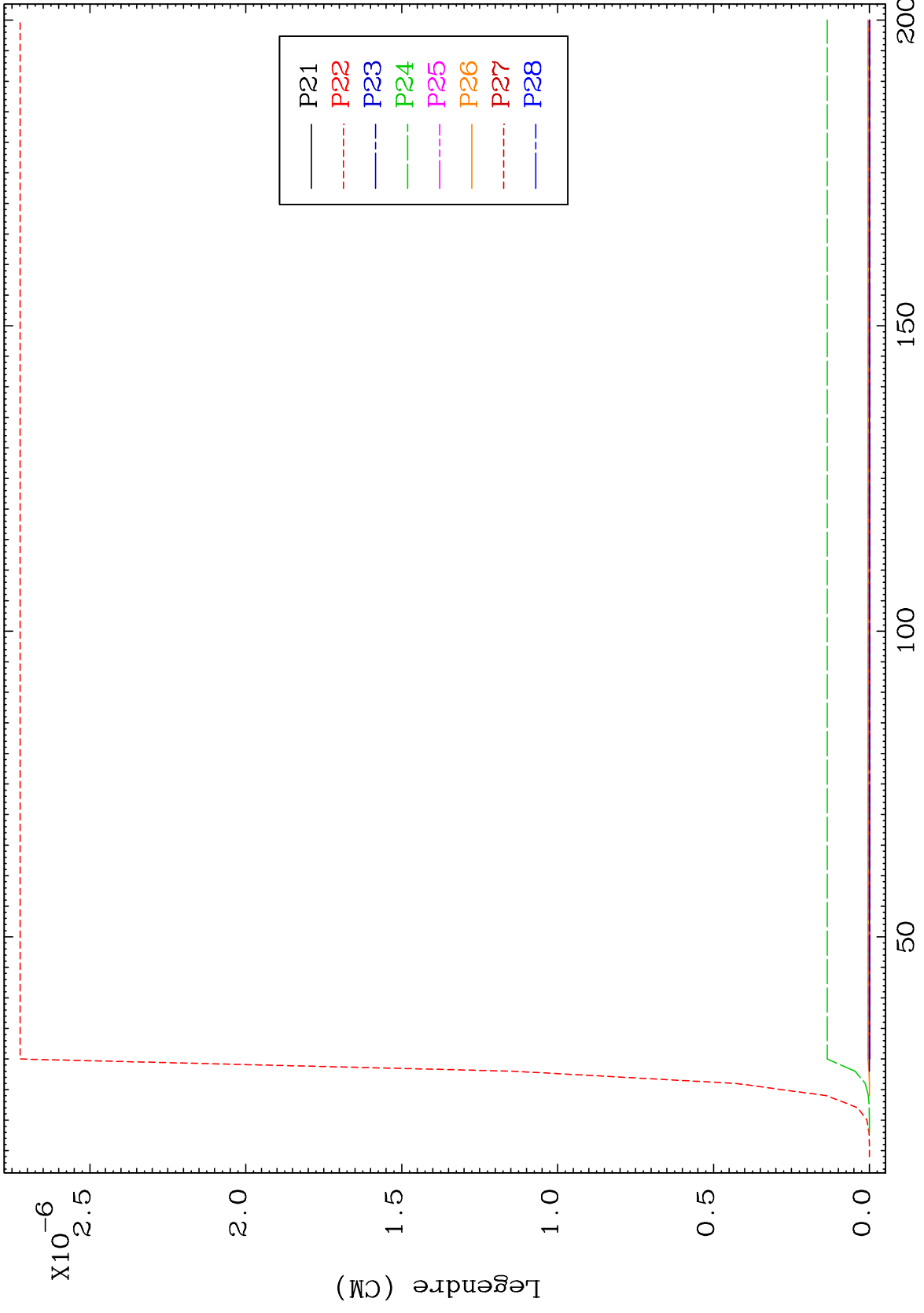
70-Yb-174



68

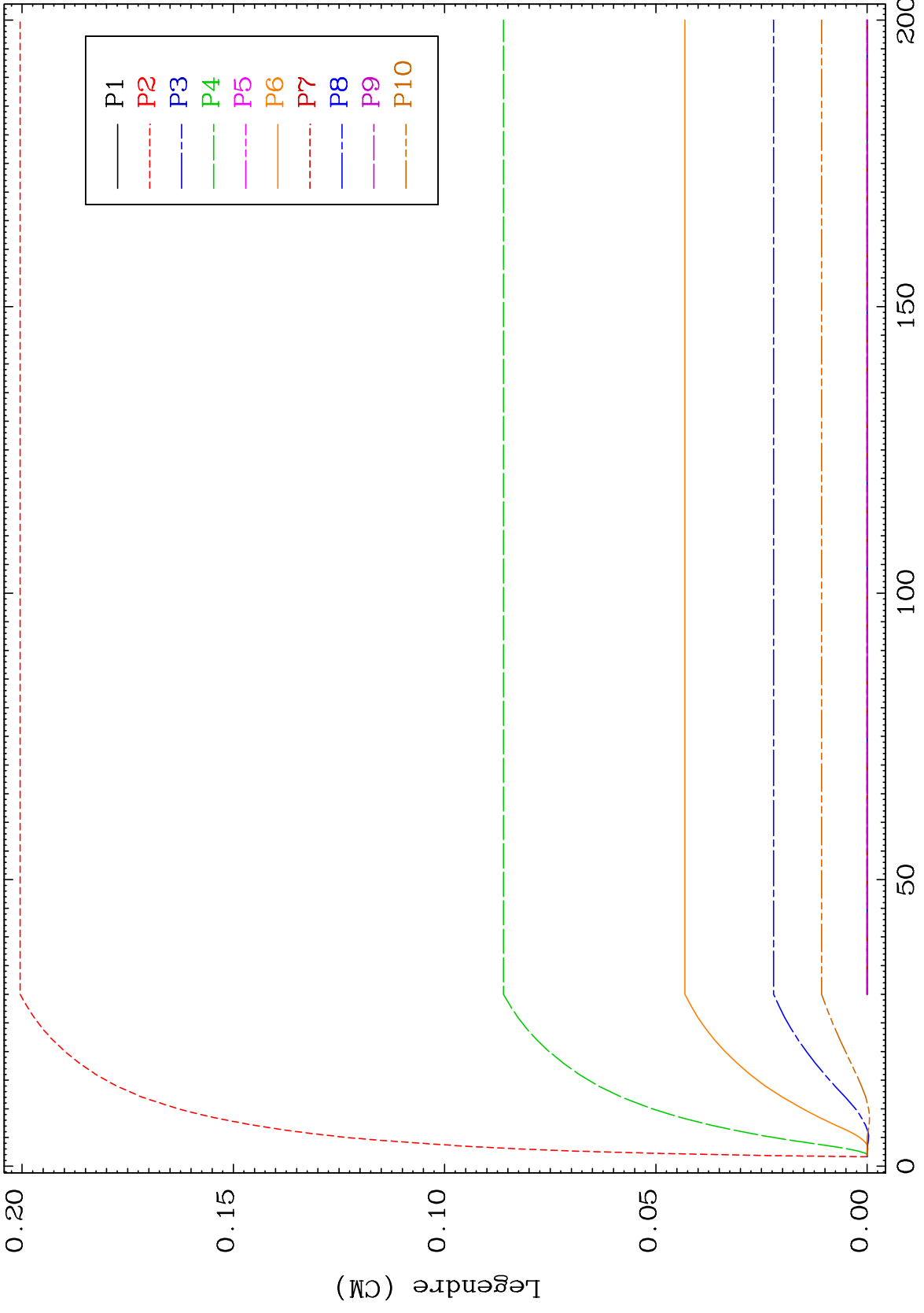
70-Yb-174

MAT 7043 MT= 64 (n,n') Level Legendre Coefficients 70-Yb-174



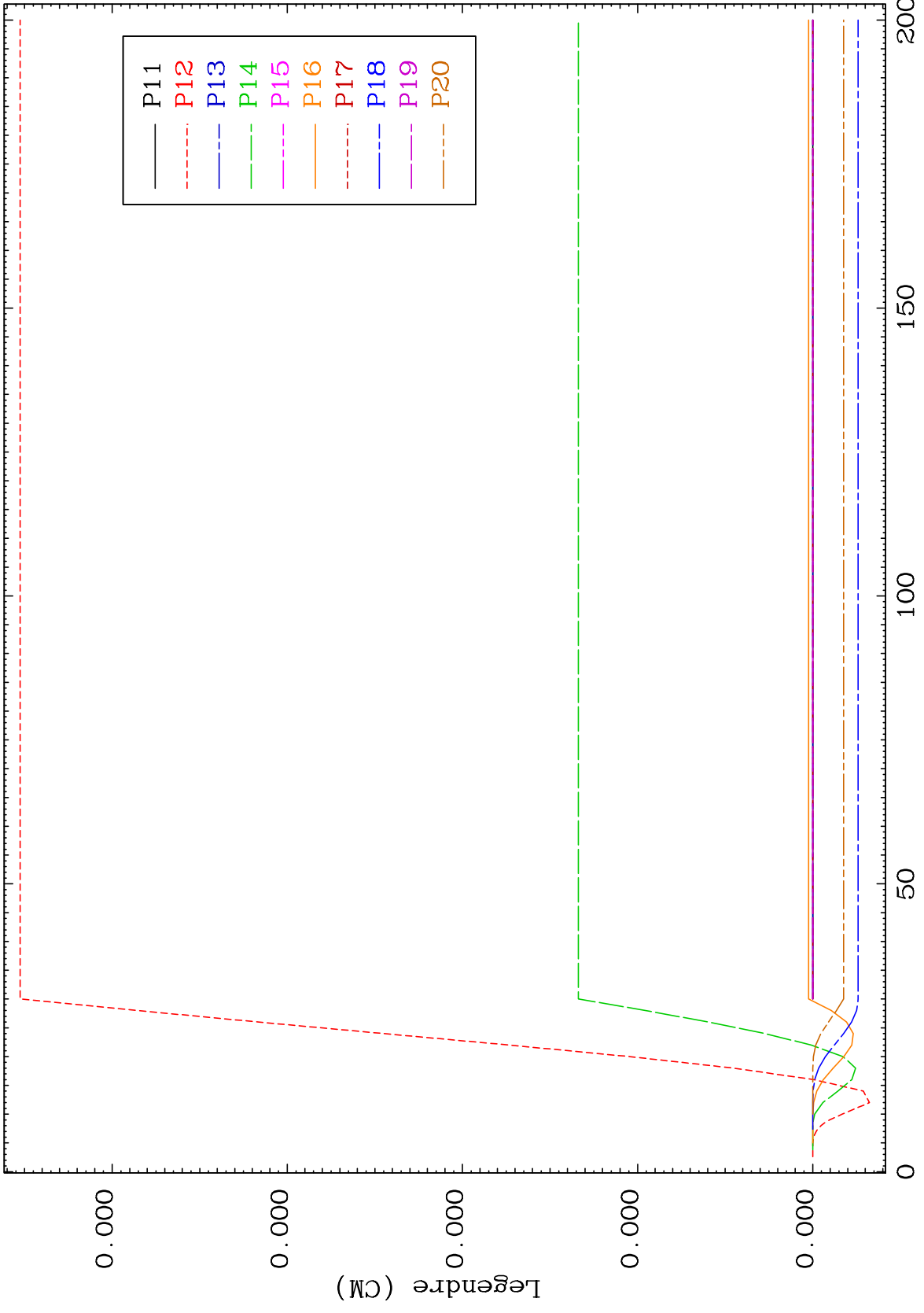
69 70-Yb-174

MAT 7043 MT= 65 (n,n') Level Legendre Coefficients 70-Yb-174



70-Yb-174 Incident Energy (MeV)

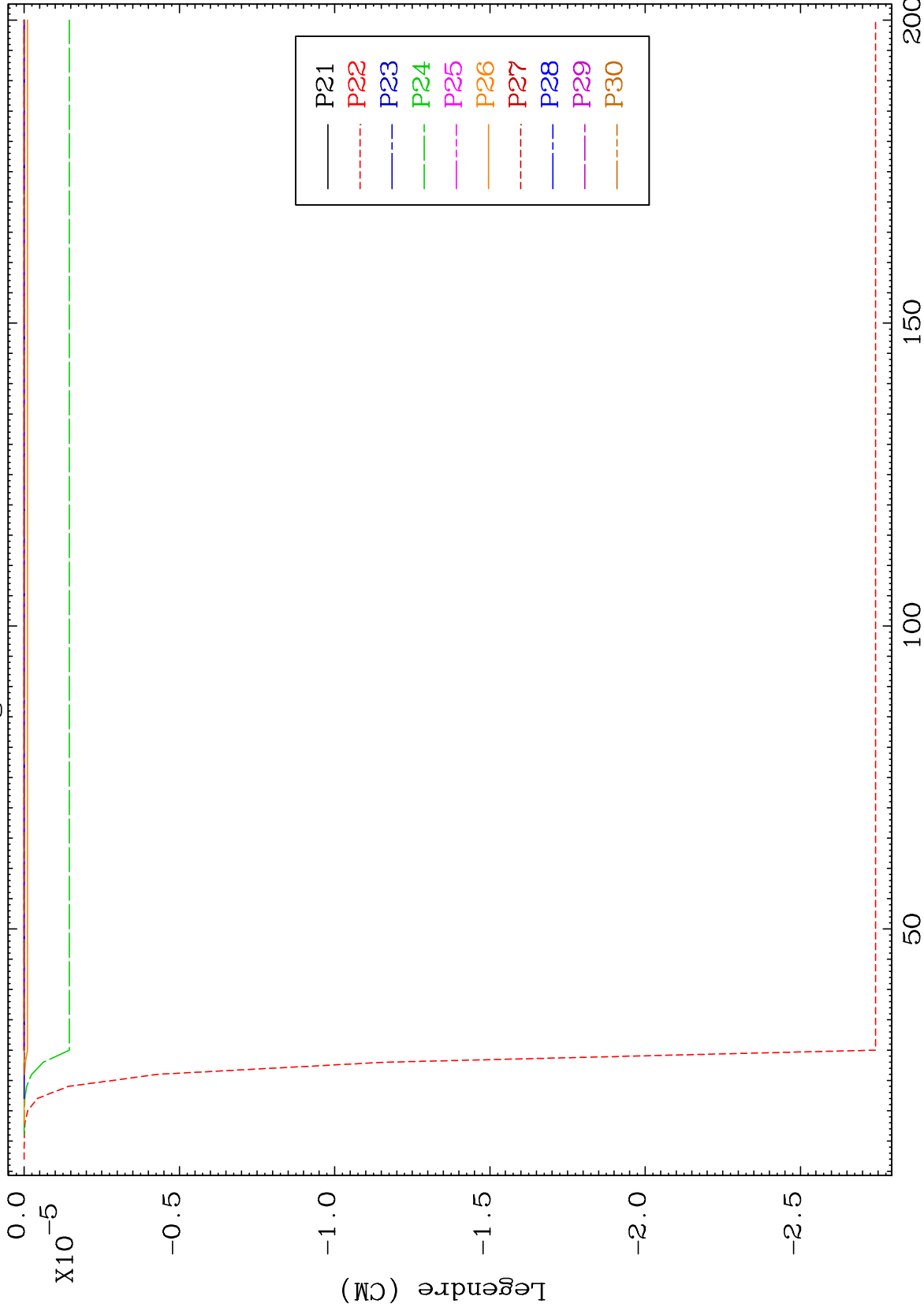
MAT 7043 MT= 65 (n,n') Level Legendre Coefficients 70-Yb-174



71 70-Yb-174

MAT 7043 MT= 65 (n,n') Level 70-Yb-174

Legendre Coefficients



70-Yb-174

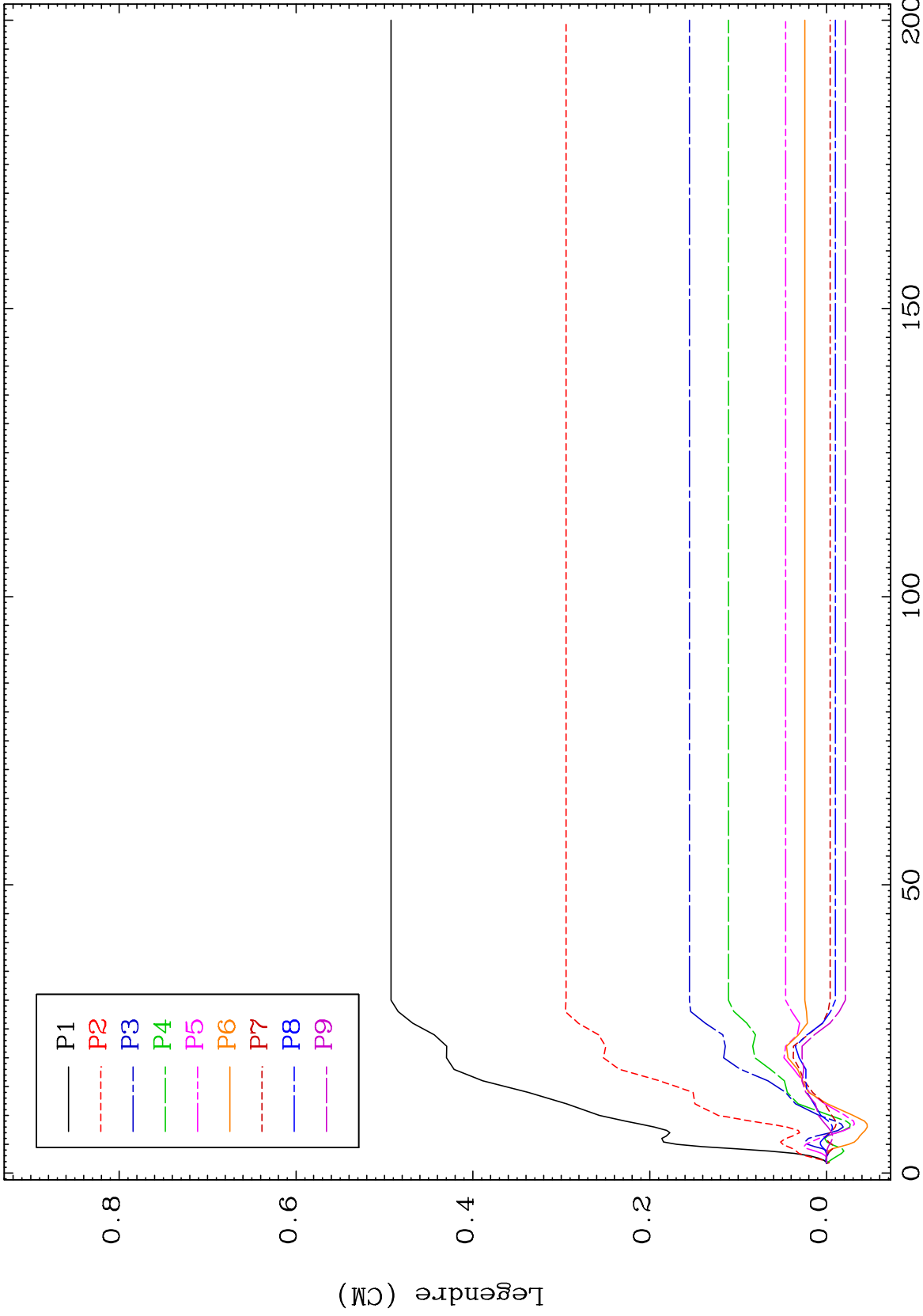
Incident Energy (MeV)

72

MAT 7043

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

70-Yb-174

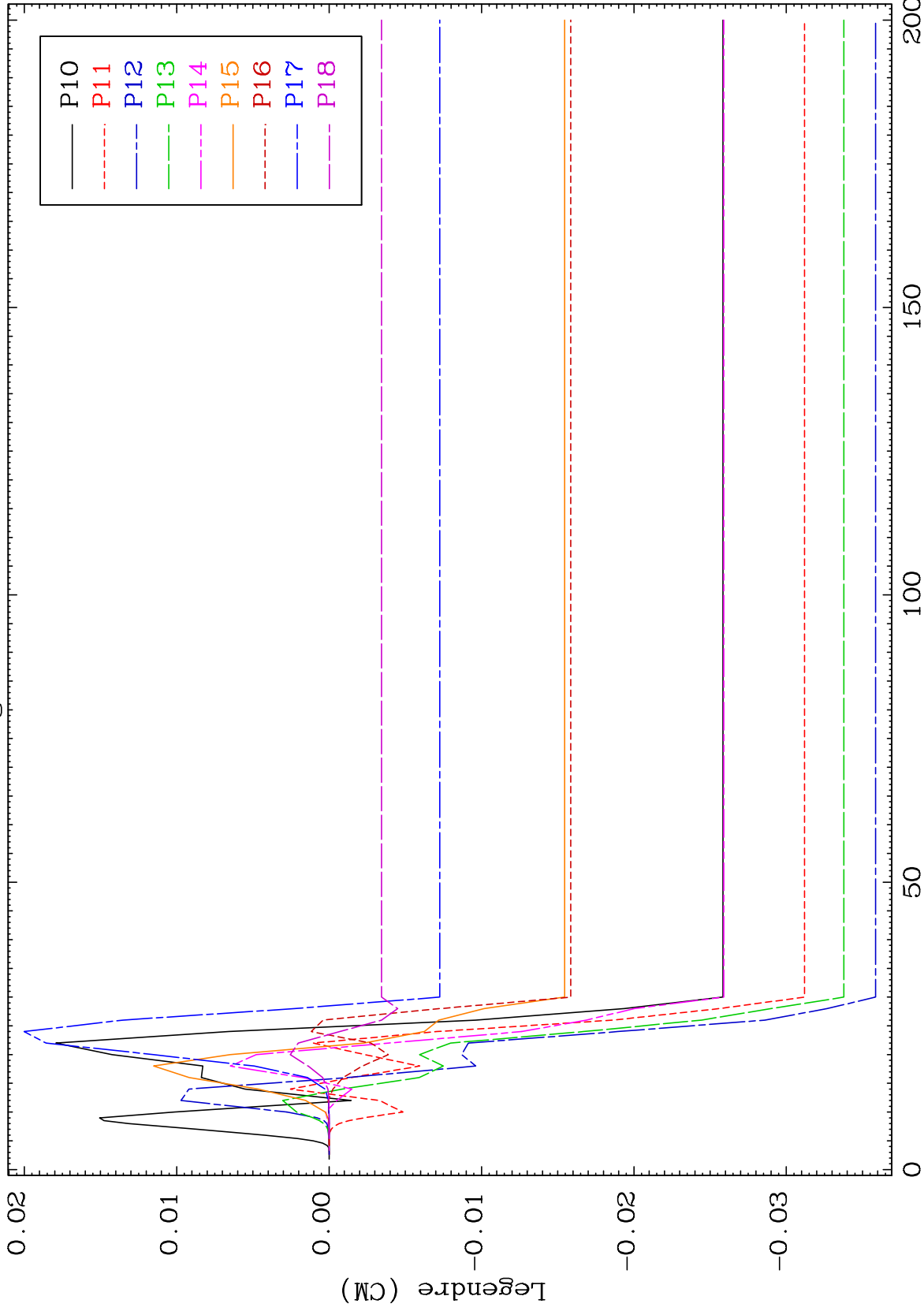


73

Incident Energy (MeV)

70-Yb-174

MAT 7043 MT= 66 (n,n') Level Legendre Coefficients 70-Yb-174

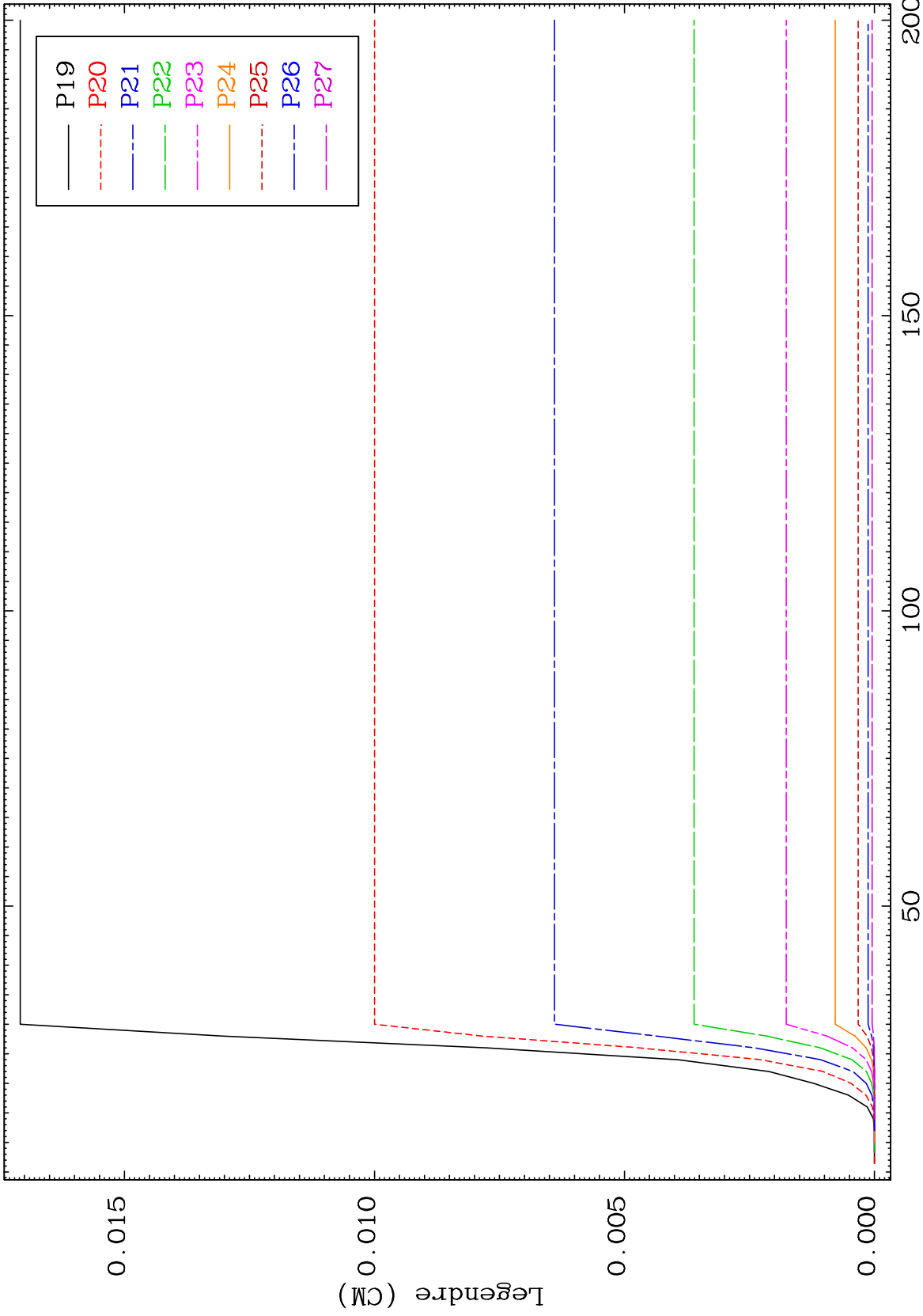


74 70-Yb-174

MAT 7043

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

70-Yb-174



75

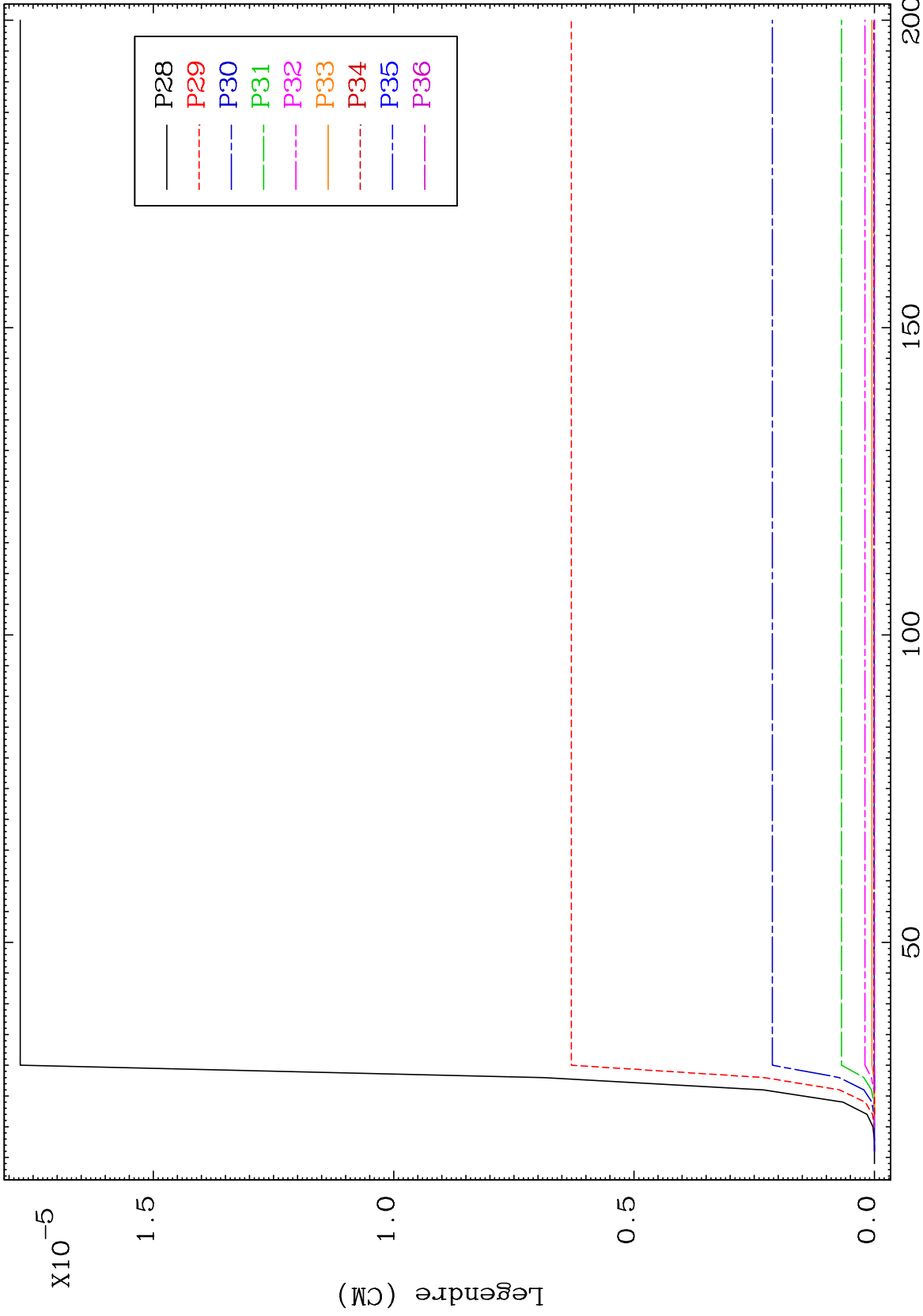
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



76

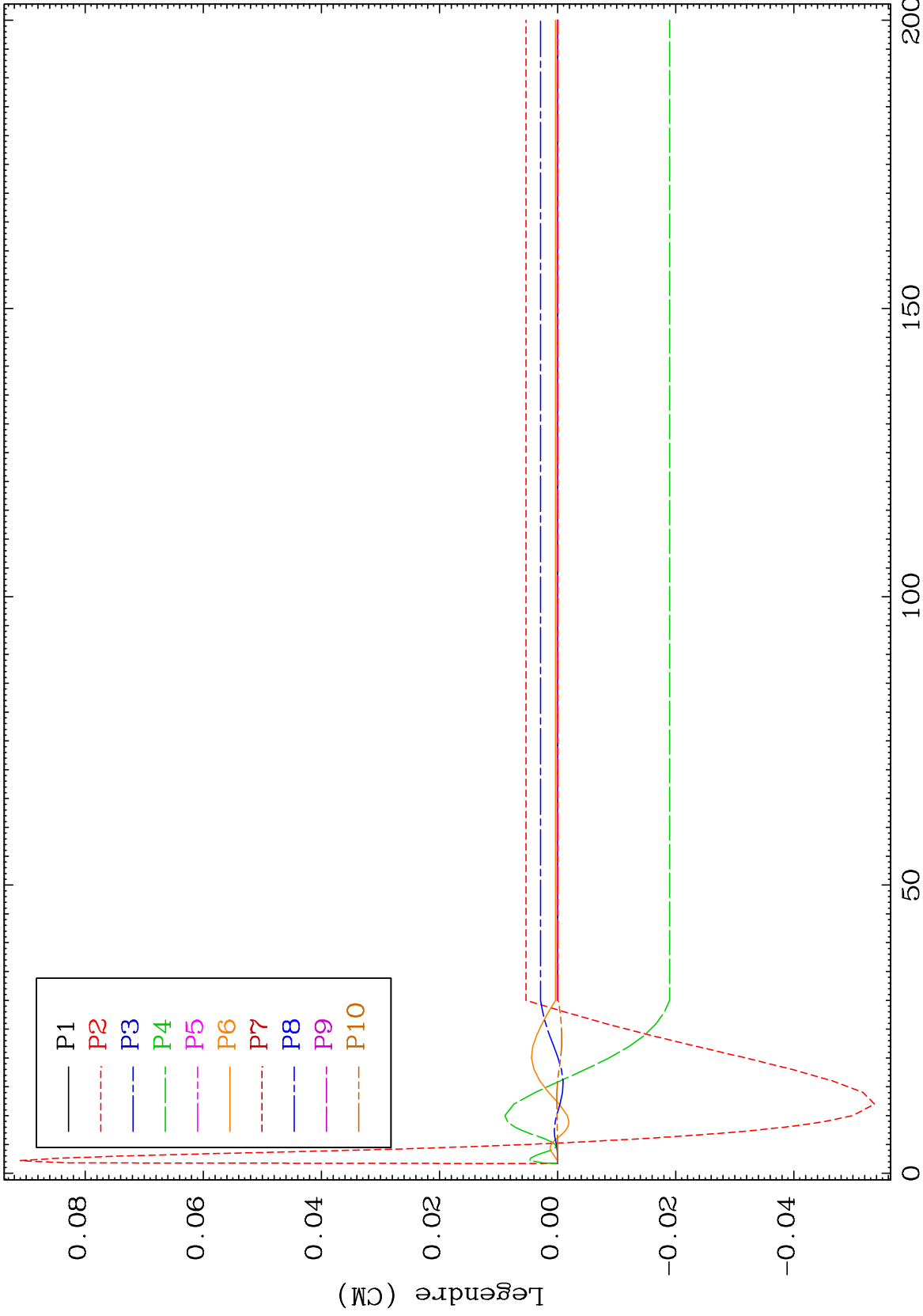
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



77

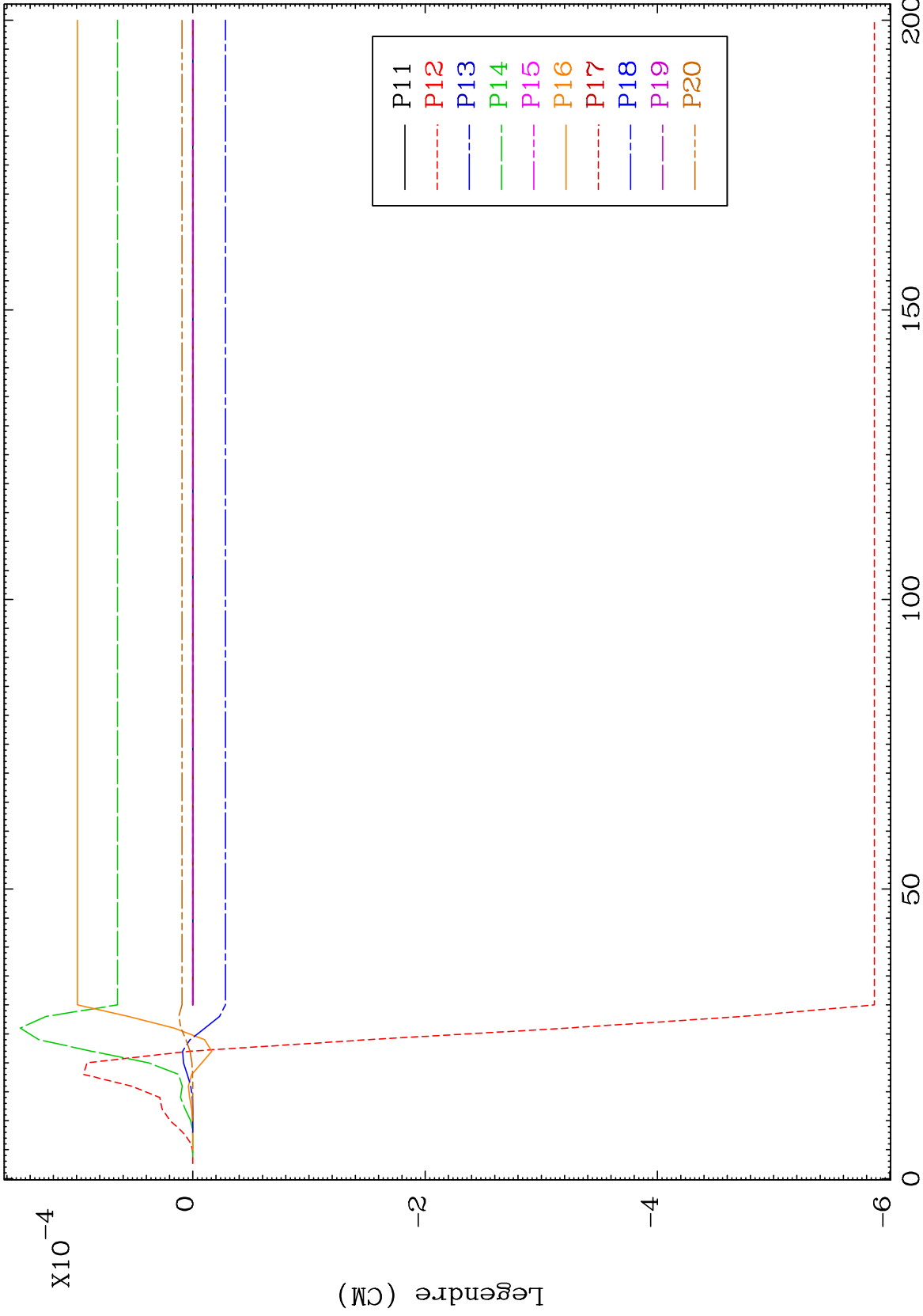
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174

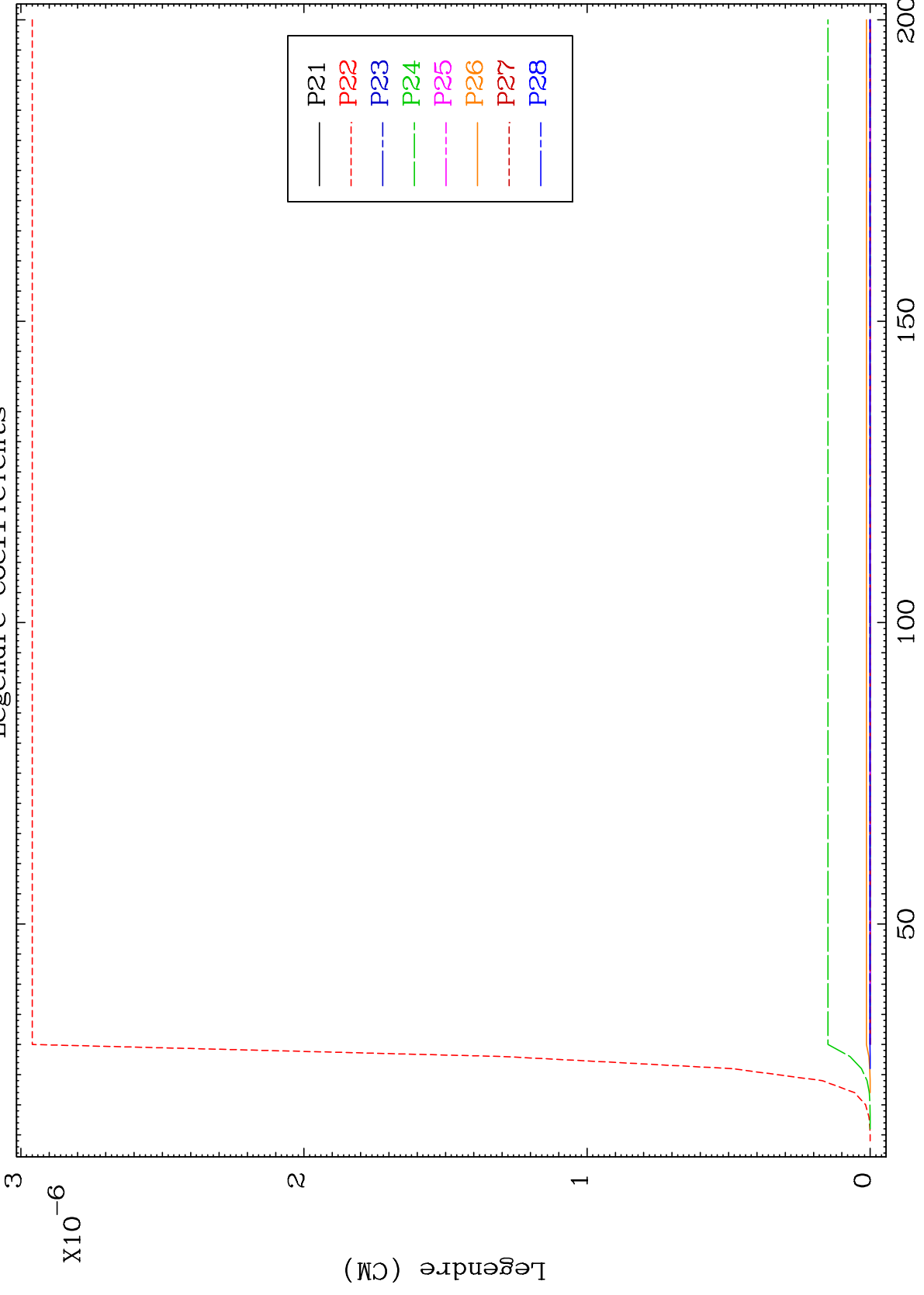


78

Incident Energy (MeV)

70-Yb-174

MAT 7043 MT= 67 (n,n') Level Legendre Coefficients 70-Yb-174

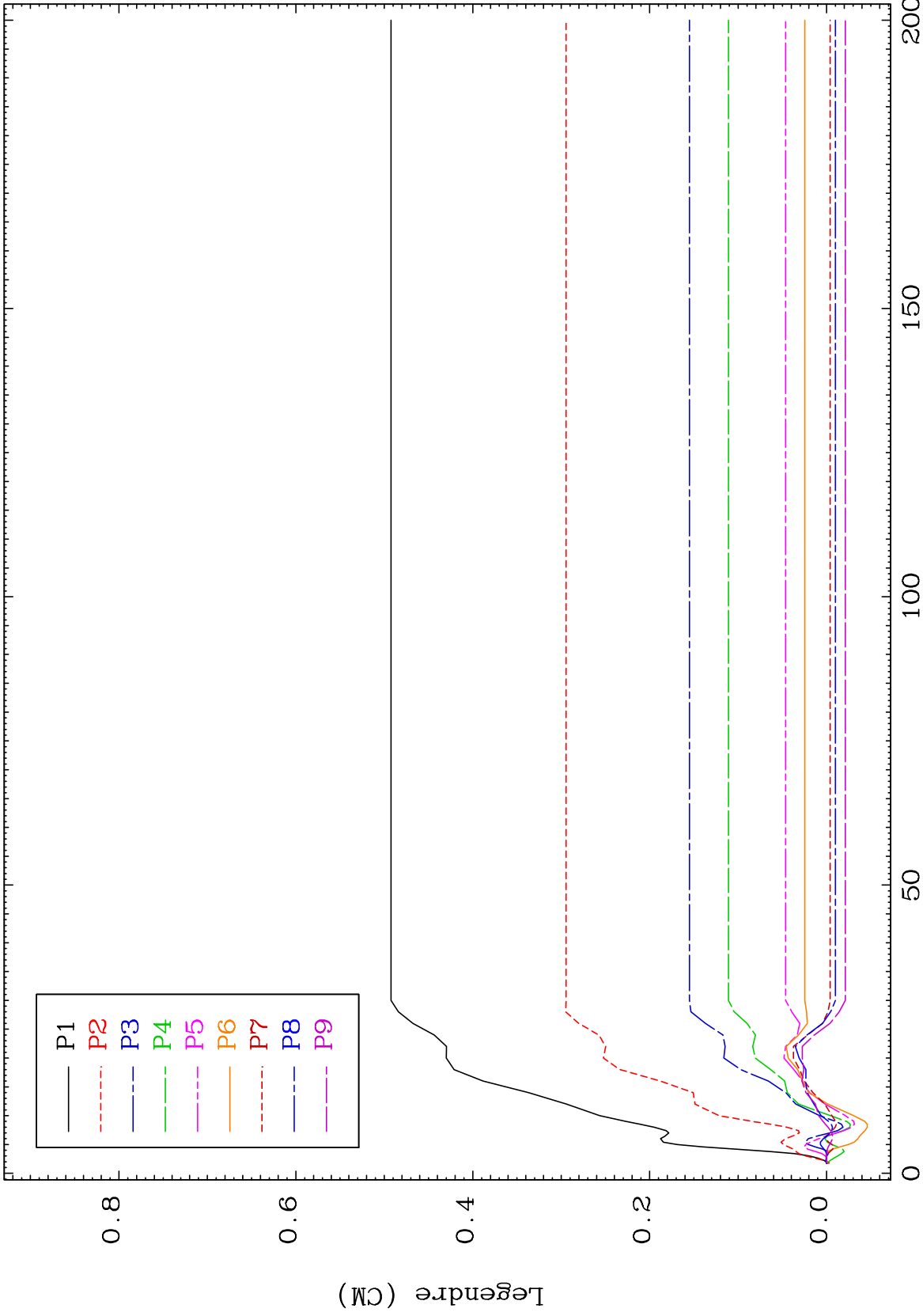


79 70-Yb-174

MAT 7043

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

70-Yb-174

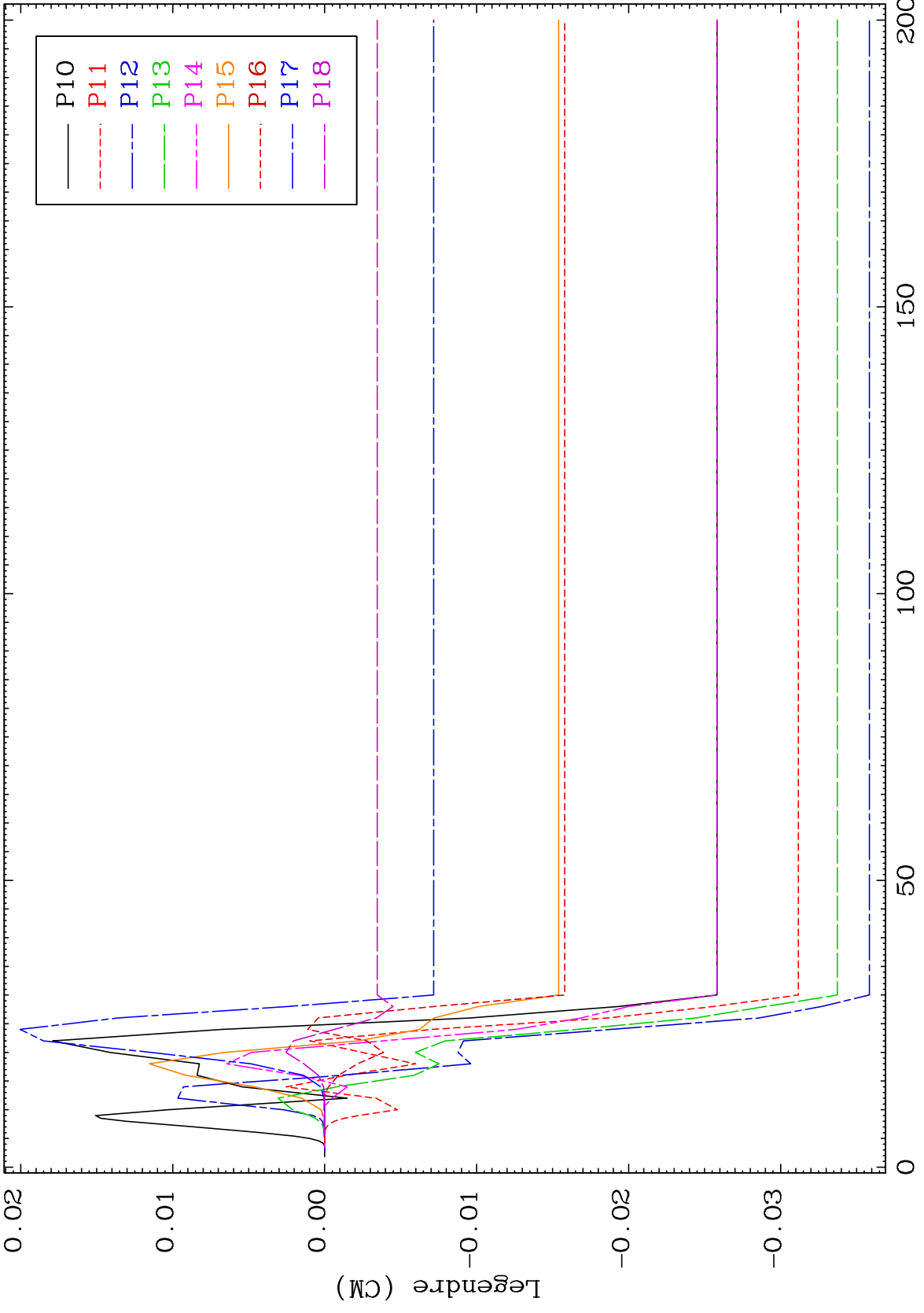


80

Incident Energy (MeV)

70-Yb-174

MAT 7043 MT= 68 (n,n') Level Legendre Coefficients 70-Yb-174

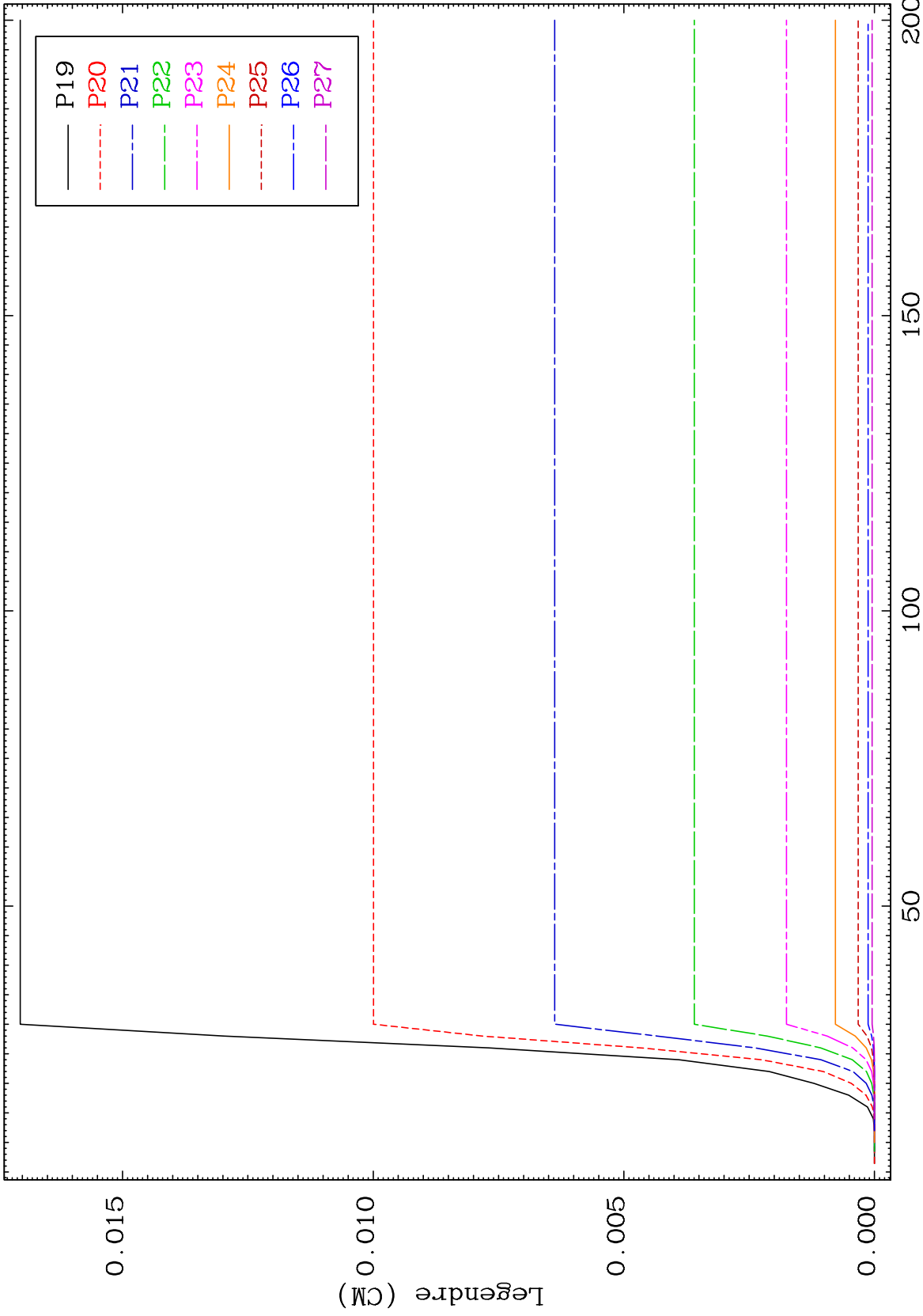


81 70-Yb-174

MAT 7043

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

70-Yb-174



82

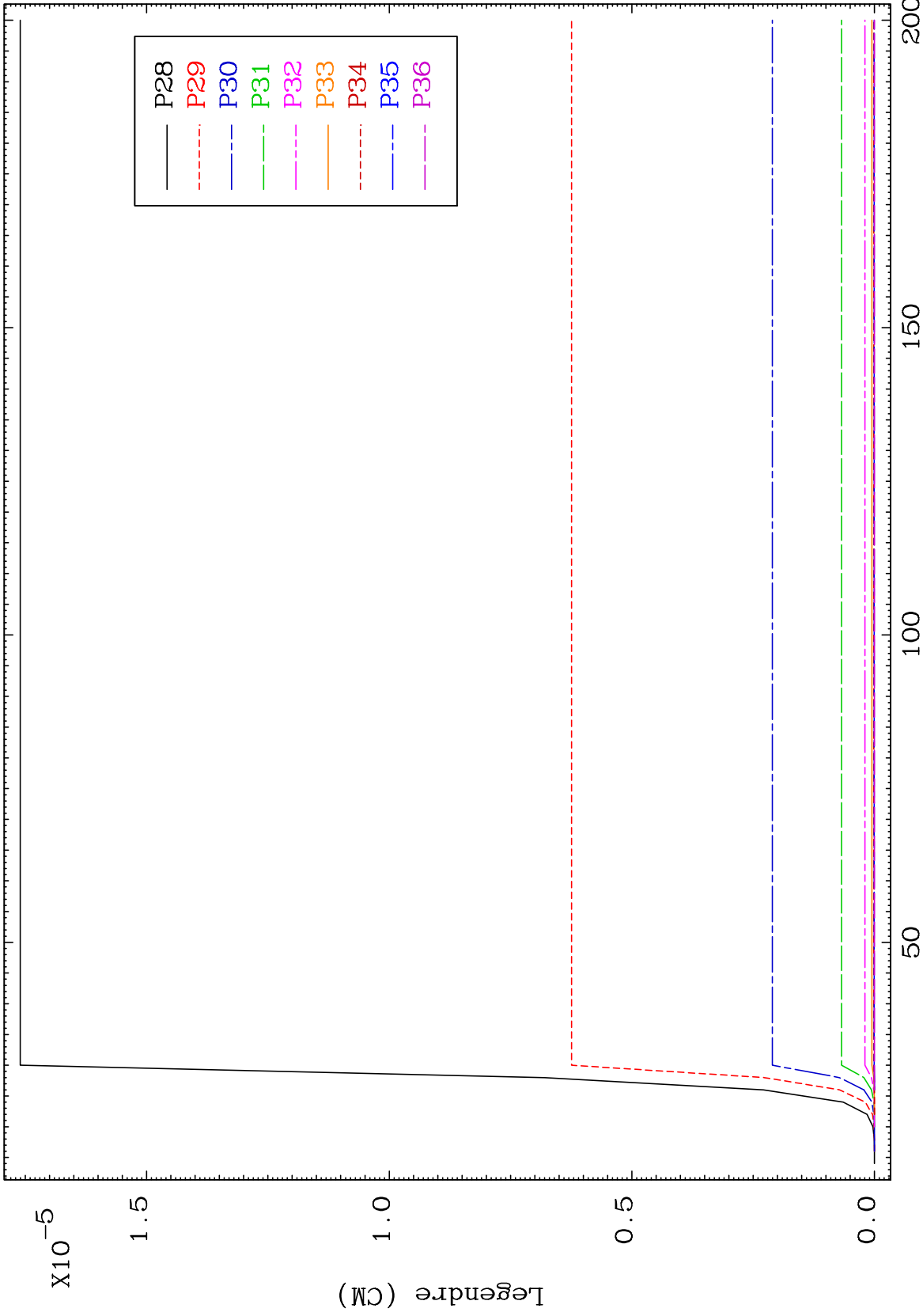
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



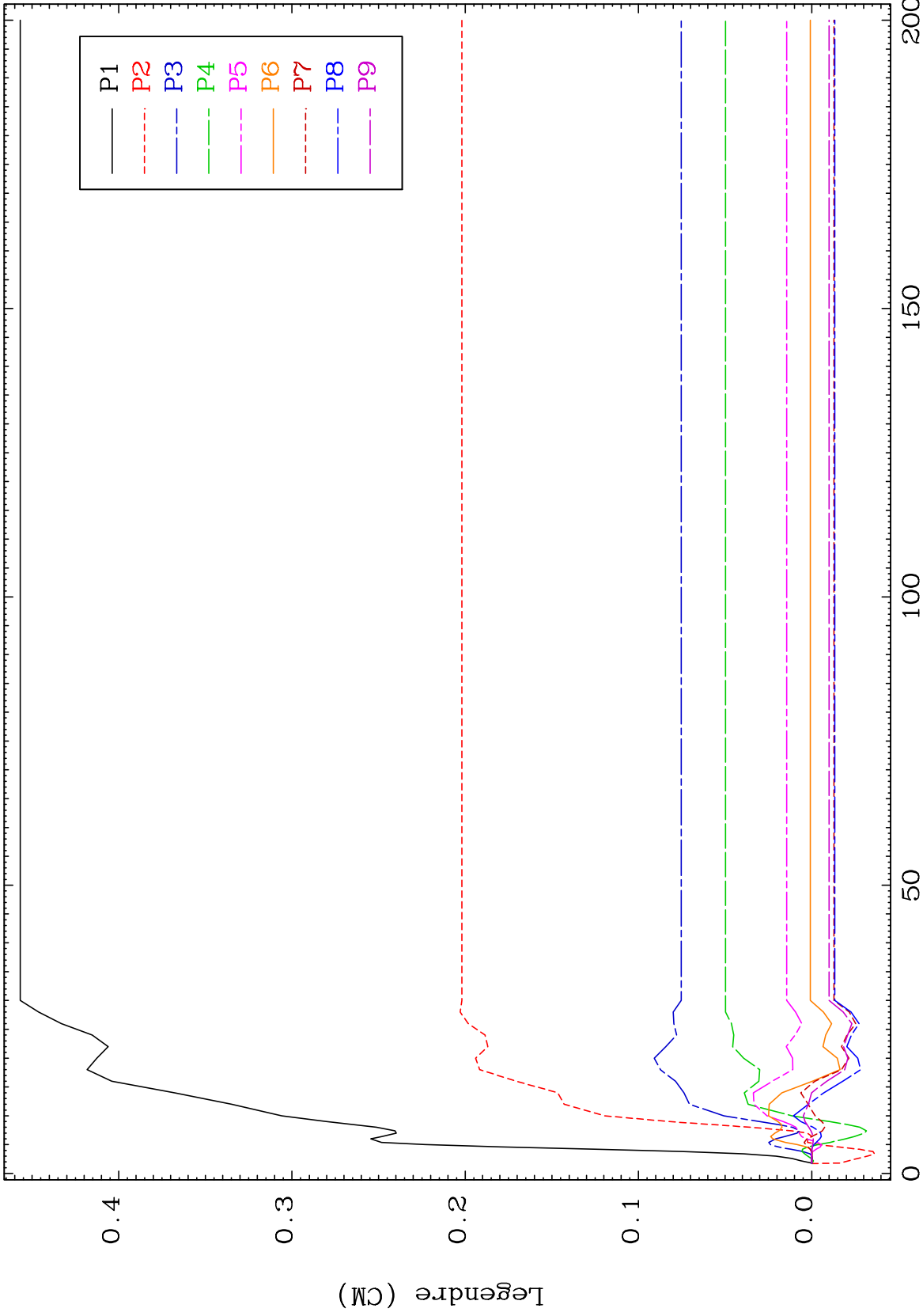
83

70-Yb-174

MAT 7043

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

70-Yb-174



84

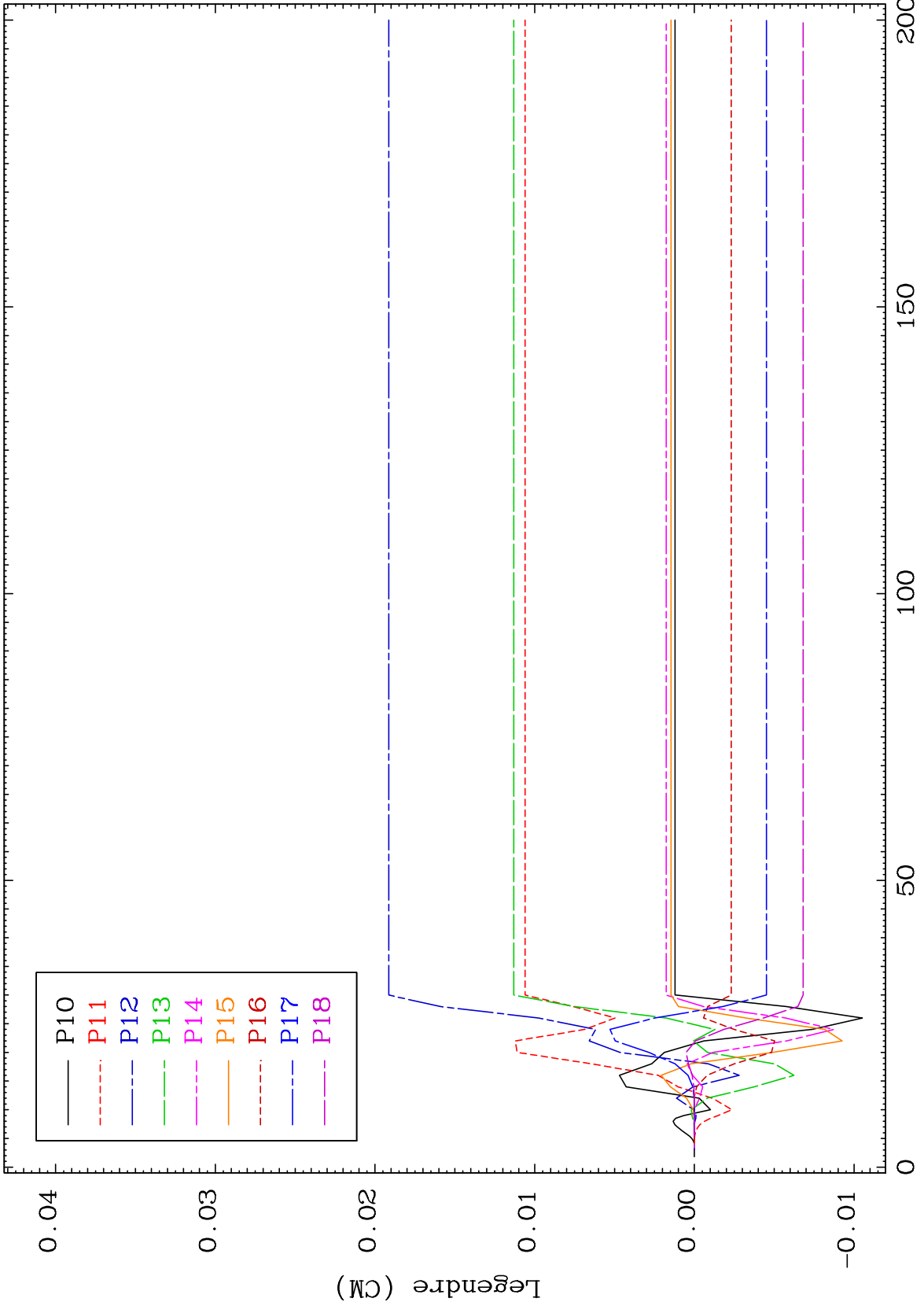
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

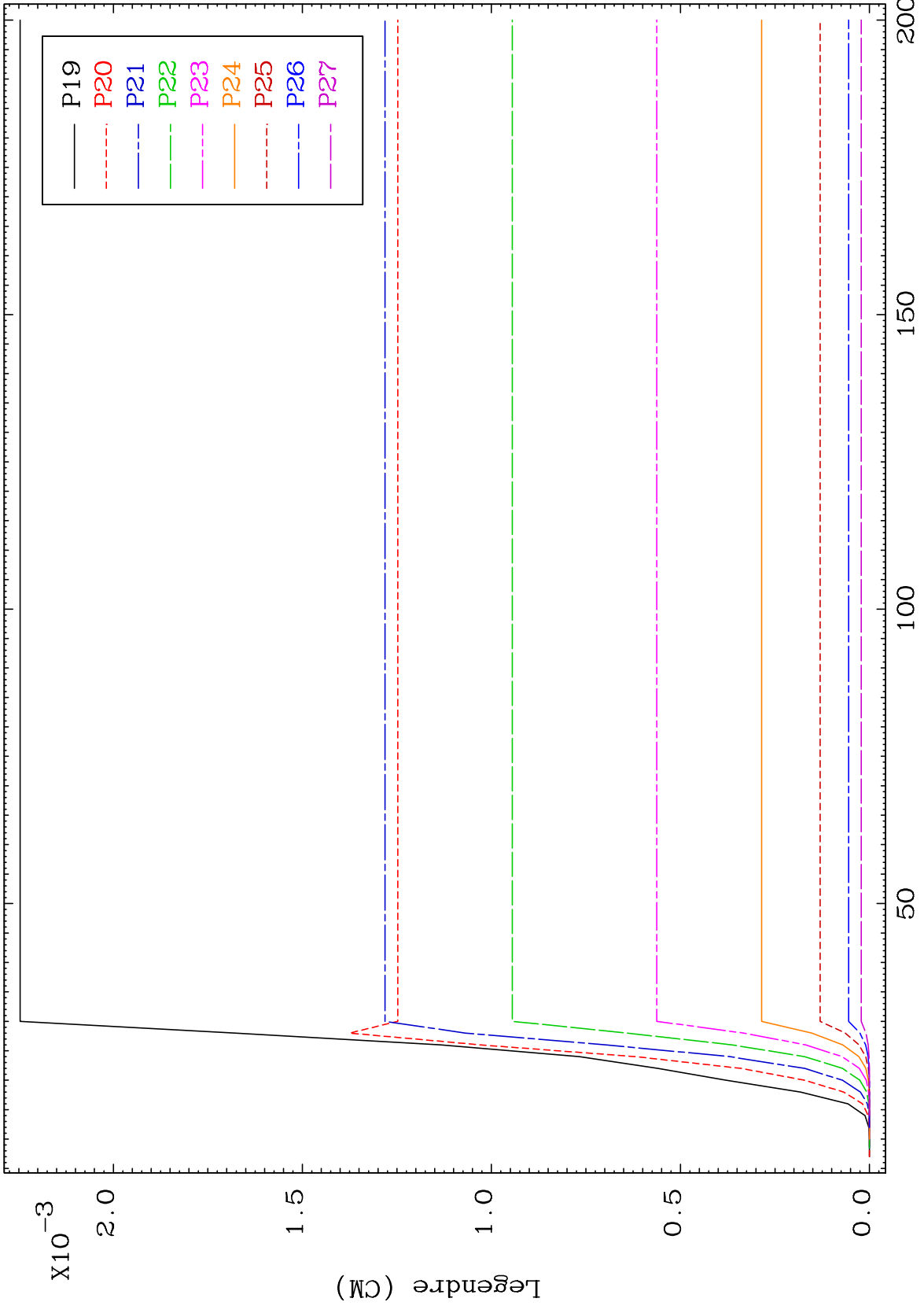
70-Yb-174



85

Incident Energy (MeV)

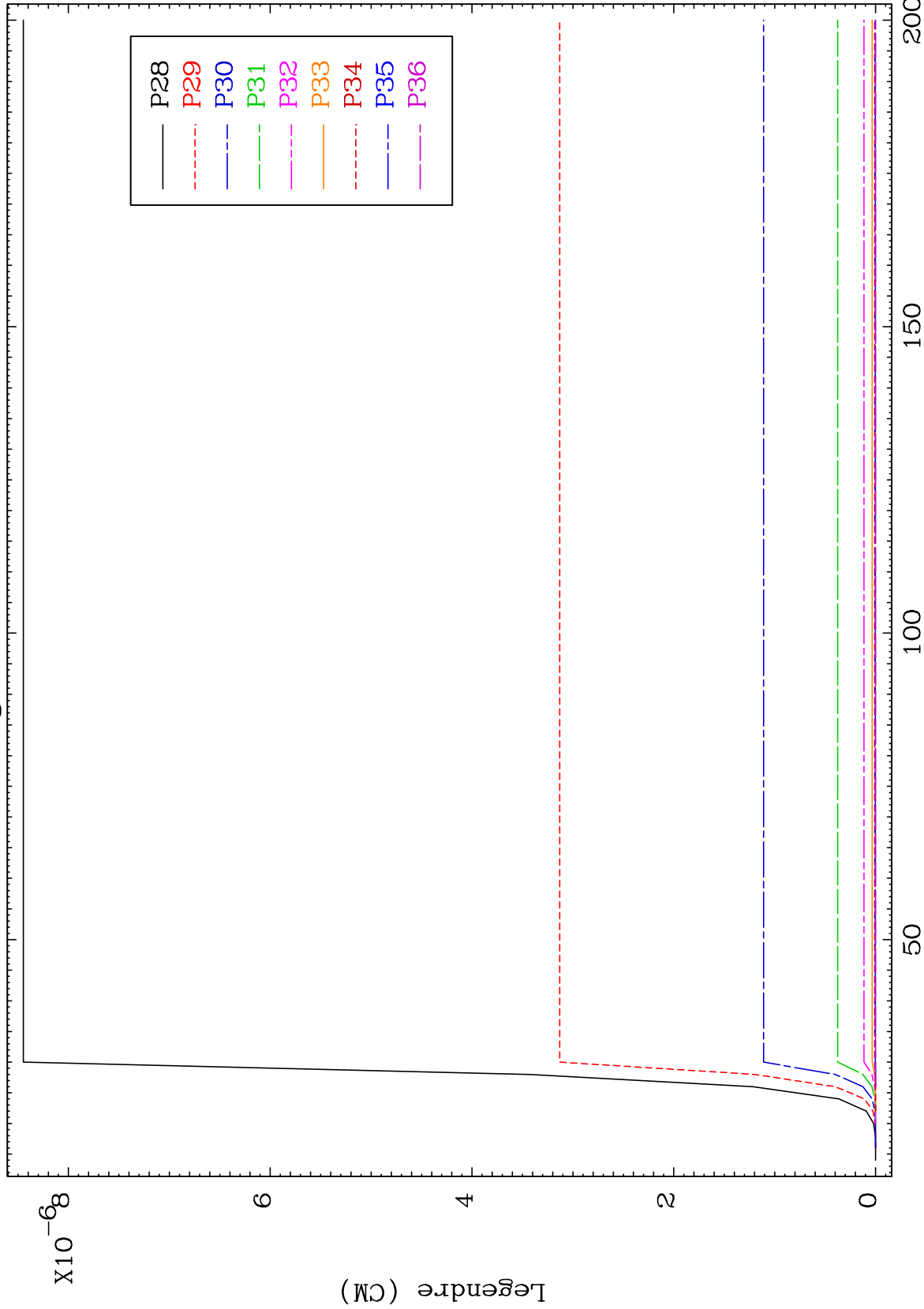
70-Yb-174



MAT 7043

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

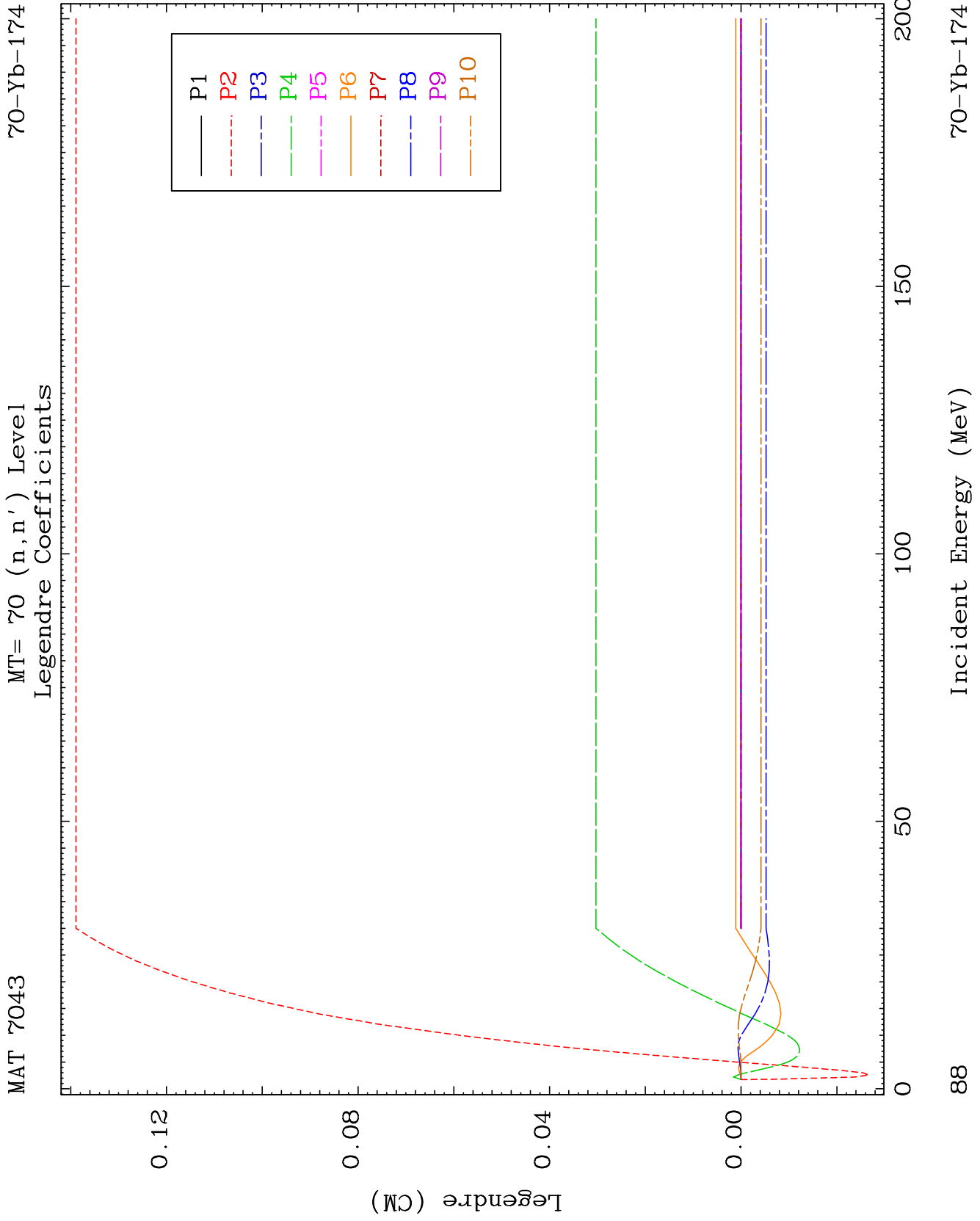
70-Yb-174



87

Incident Energy (MeV)

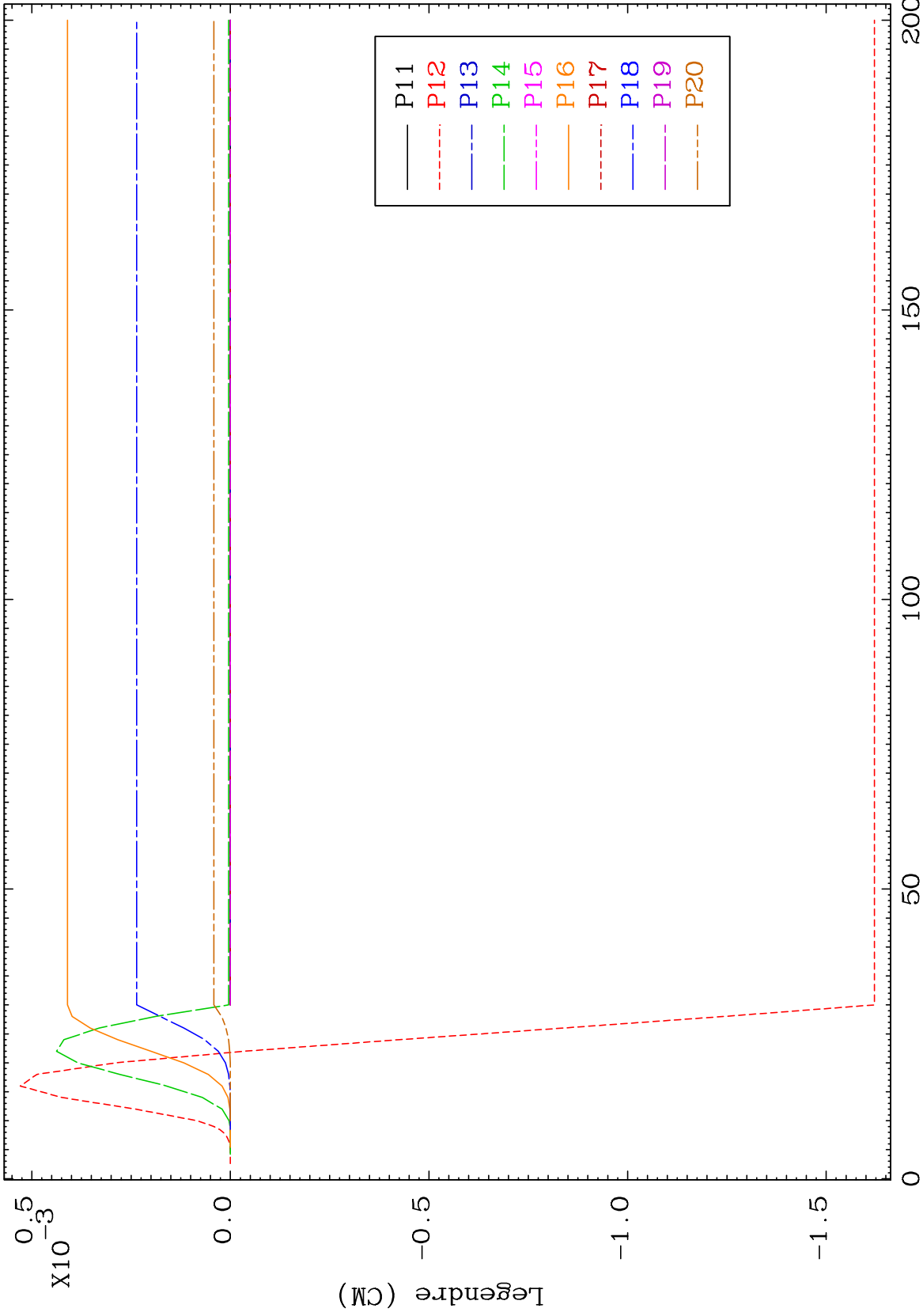
70-Yb-174



MAT 7043

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

70-Yb-174

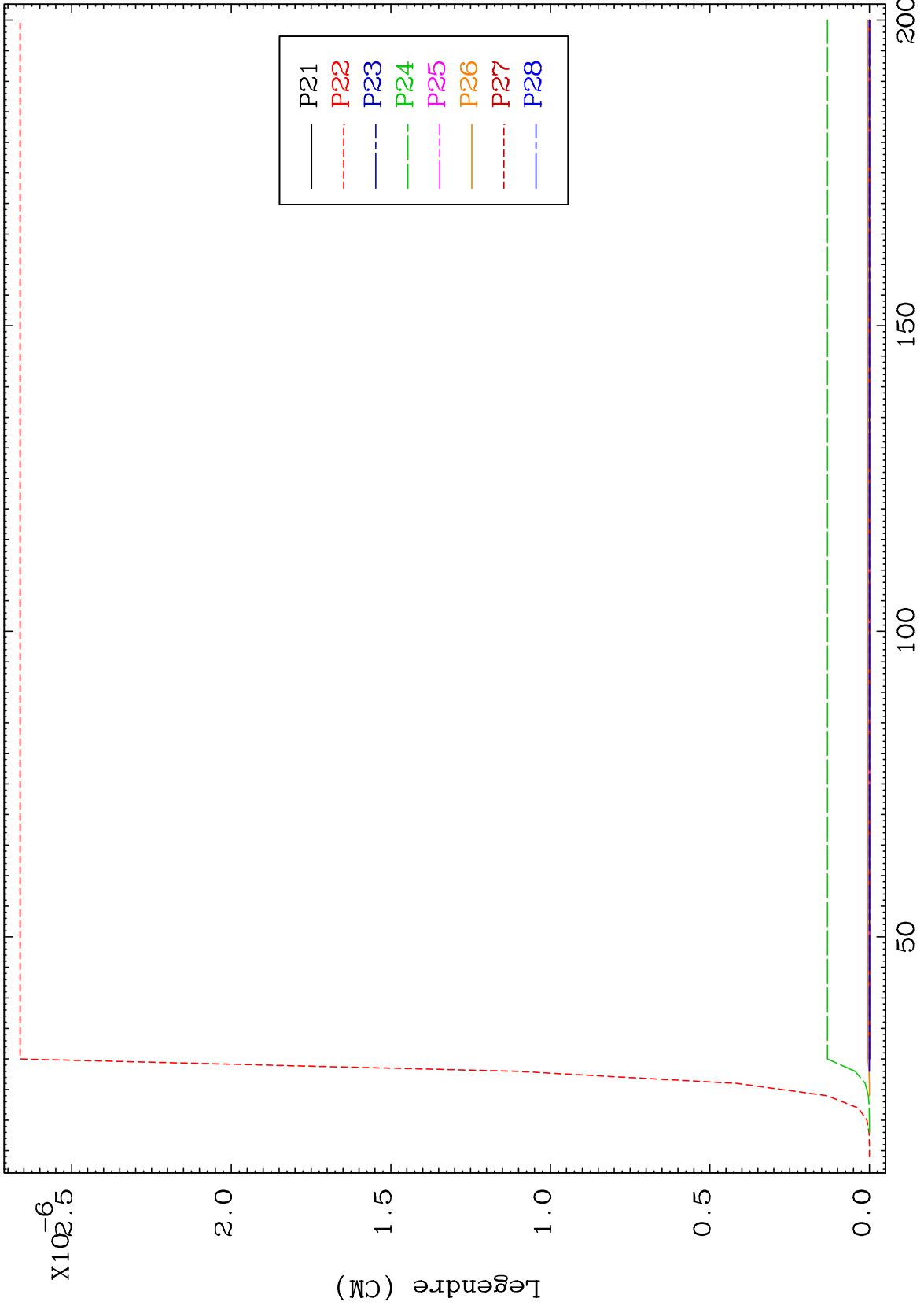


89

Incident Energy (MeV)

70-Yb-174

MAT 7043 MT= 70 (n, n') Level Legendre Coefficients 70-Yb-174

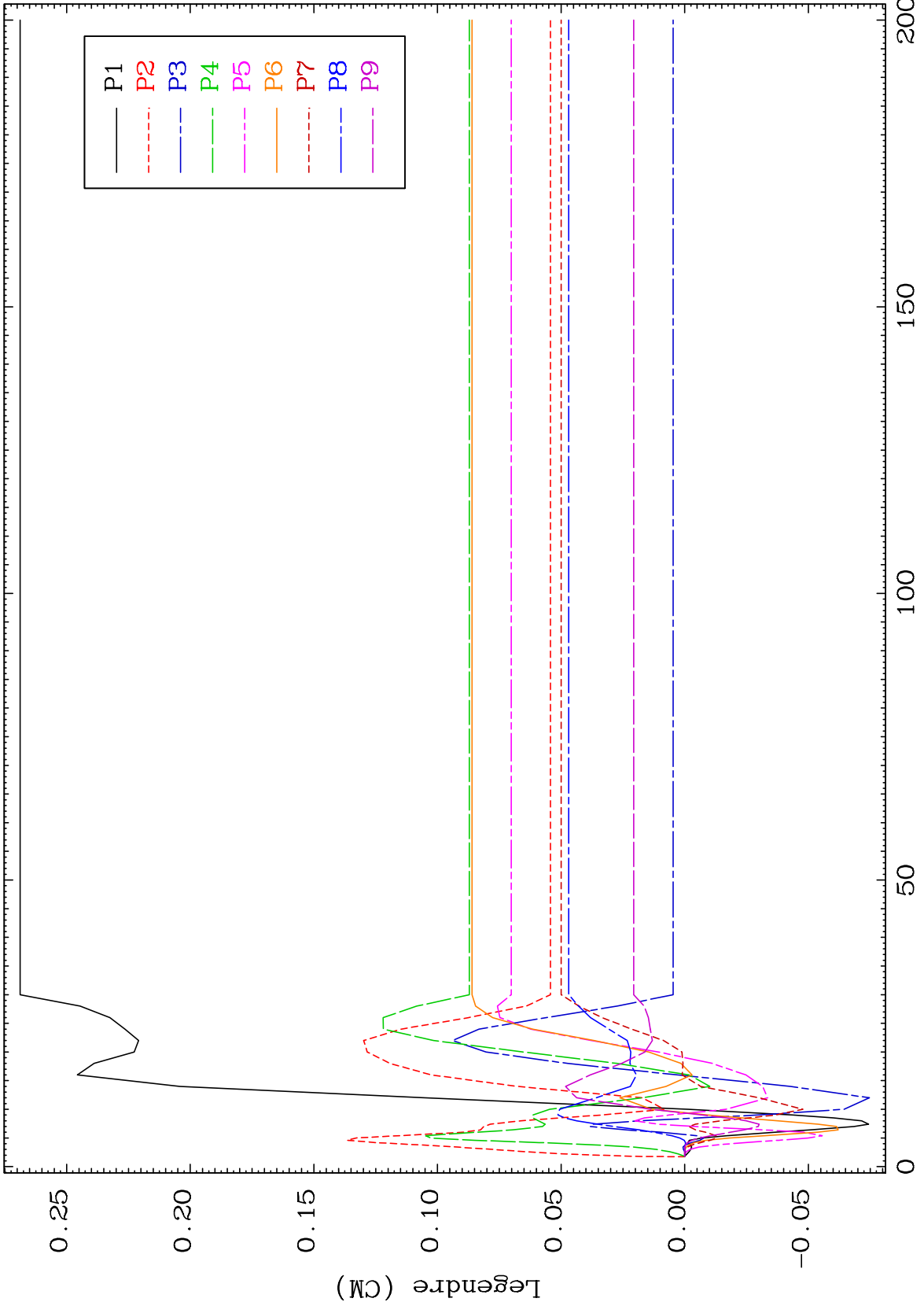


90 50 100 150 200 Incident Energy (MeV) 70-Yb-174

MAT 7043

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

70-Yb-174



91

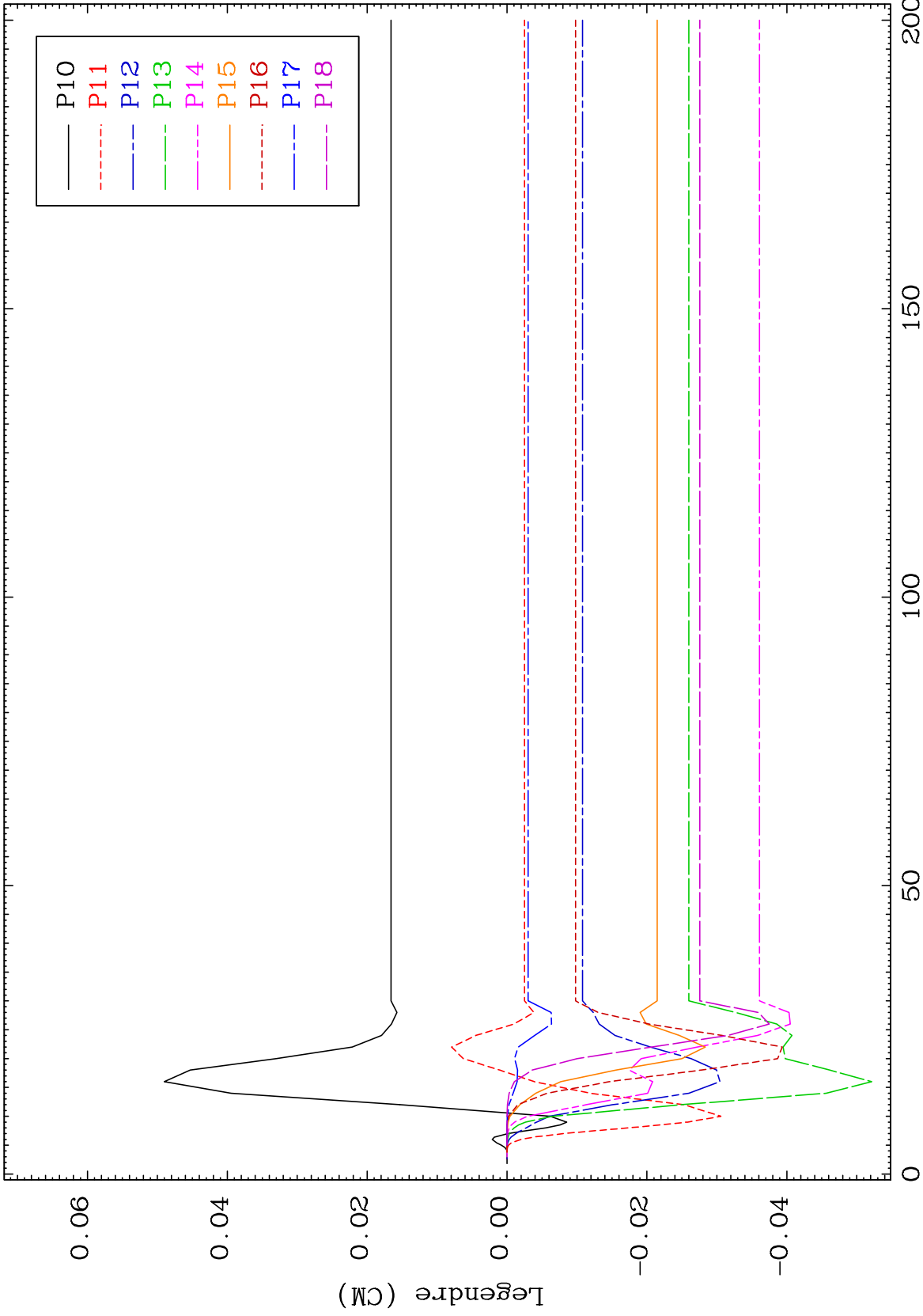
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



92

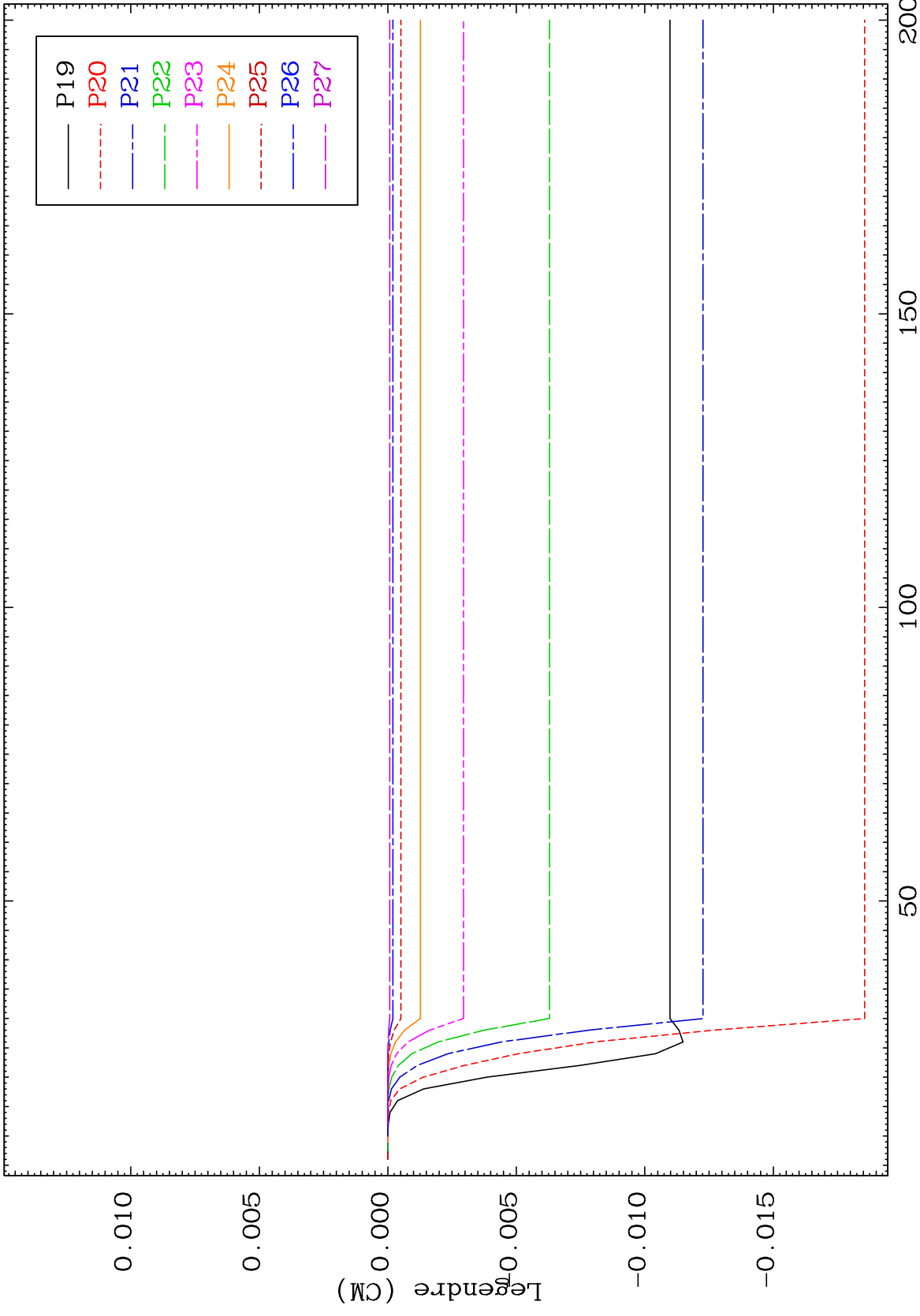
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



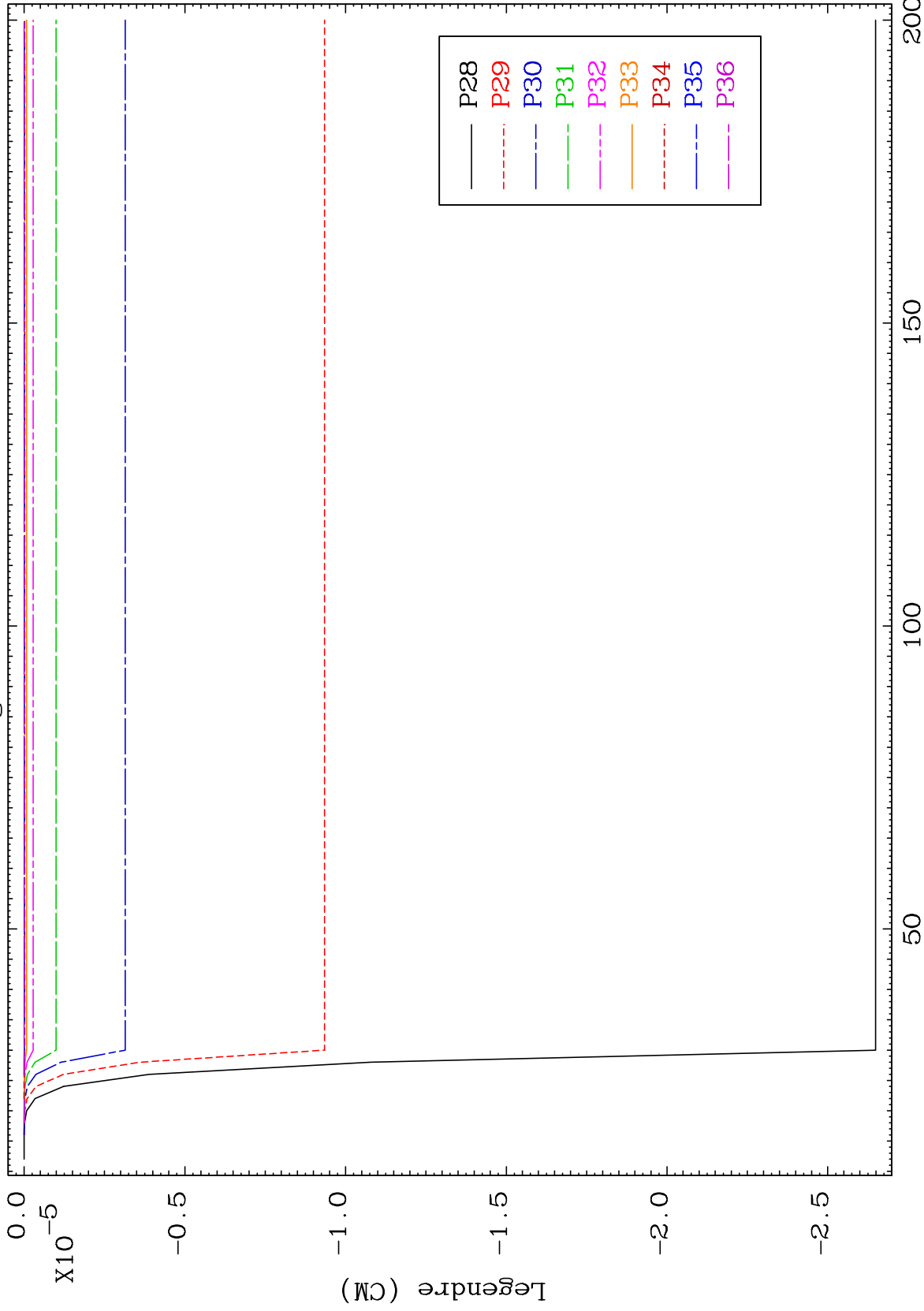
93

Incident Energy (MeV)

70-Yb-174

MAT 7043 MT= 71 (n,n') Level 70-Yb-174

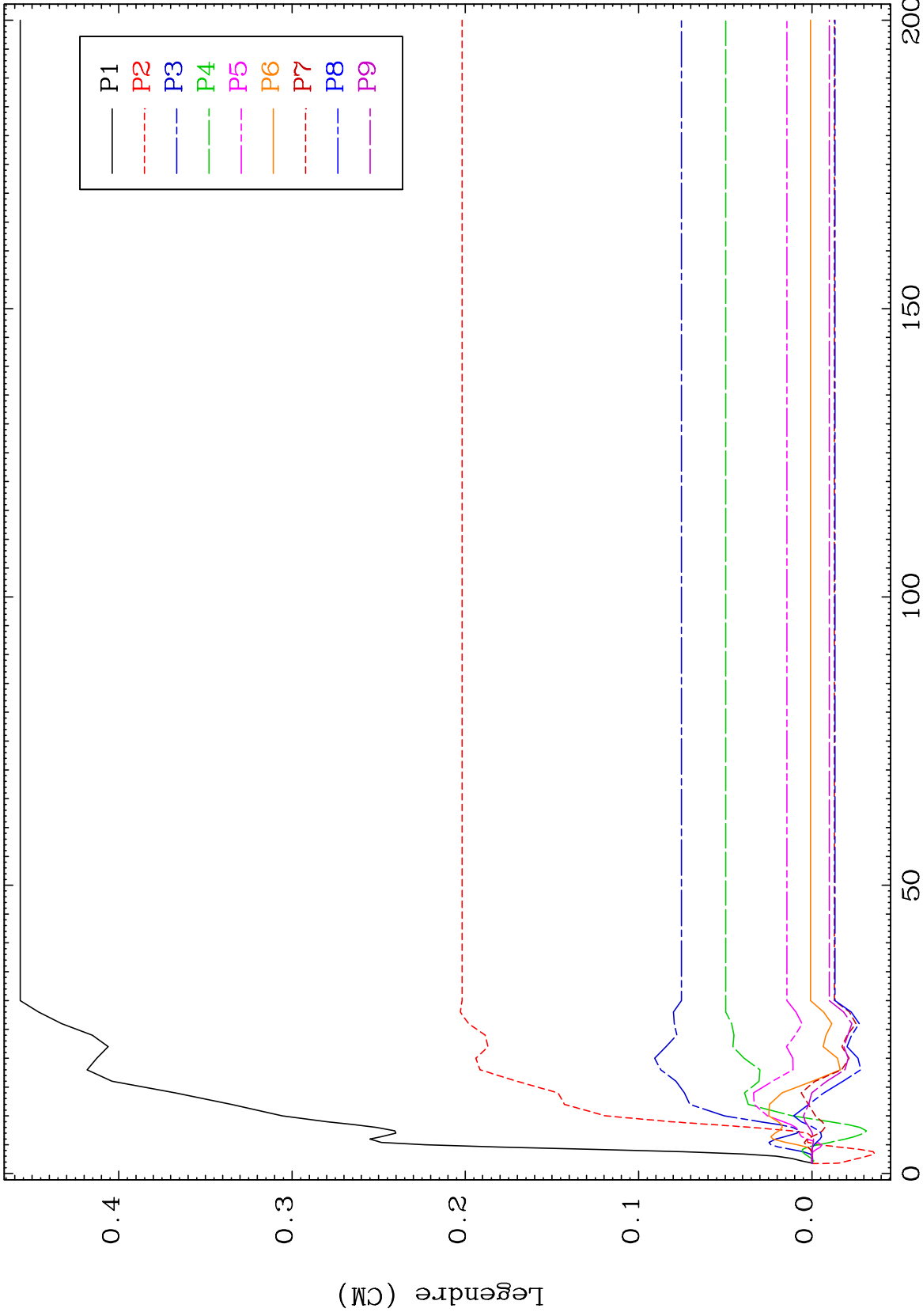
Legendre Coefficients



MAT 7043

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

70-Yb-174



95

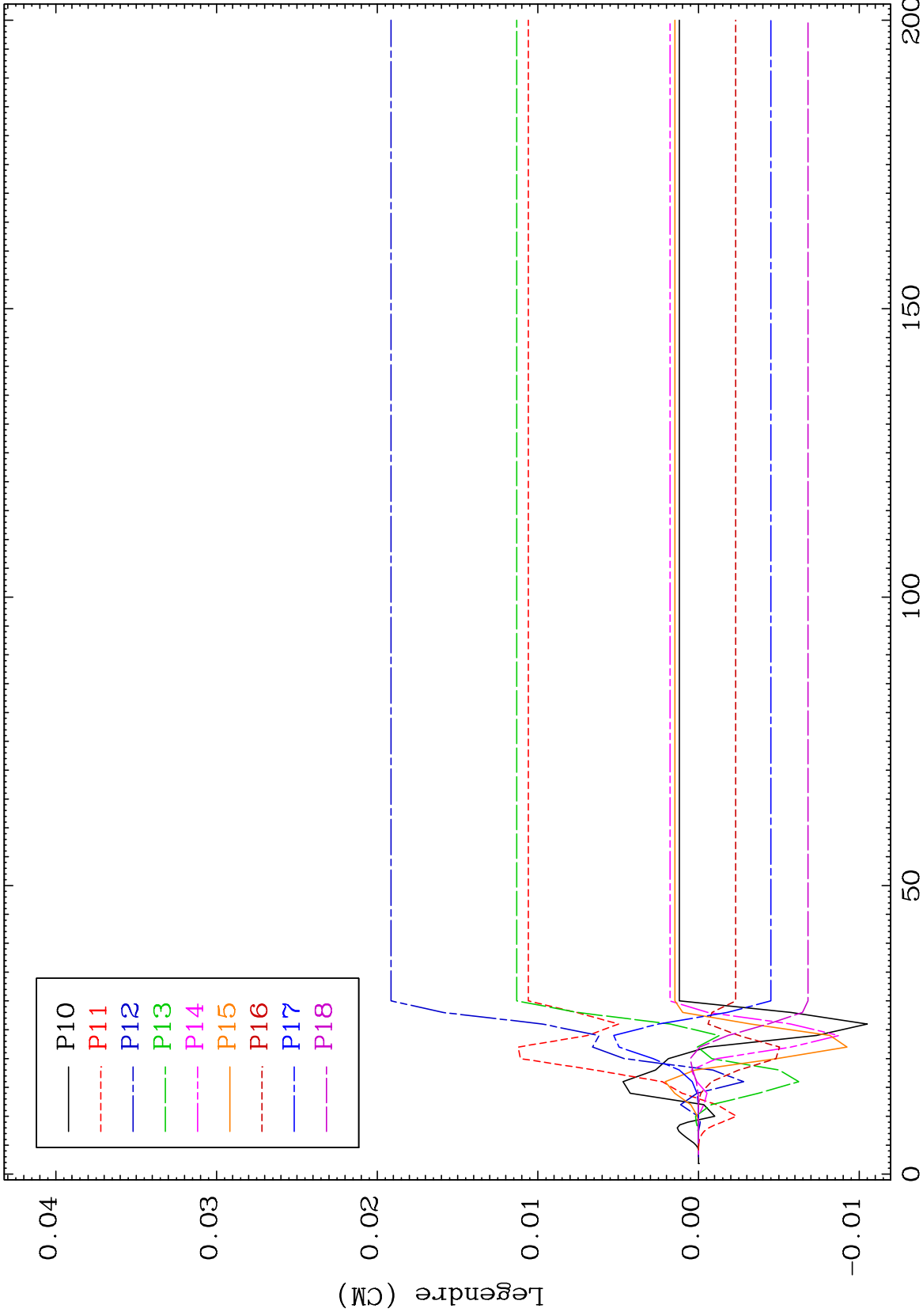
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



96

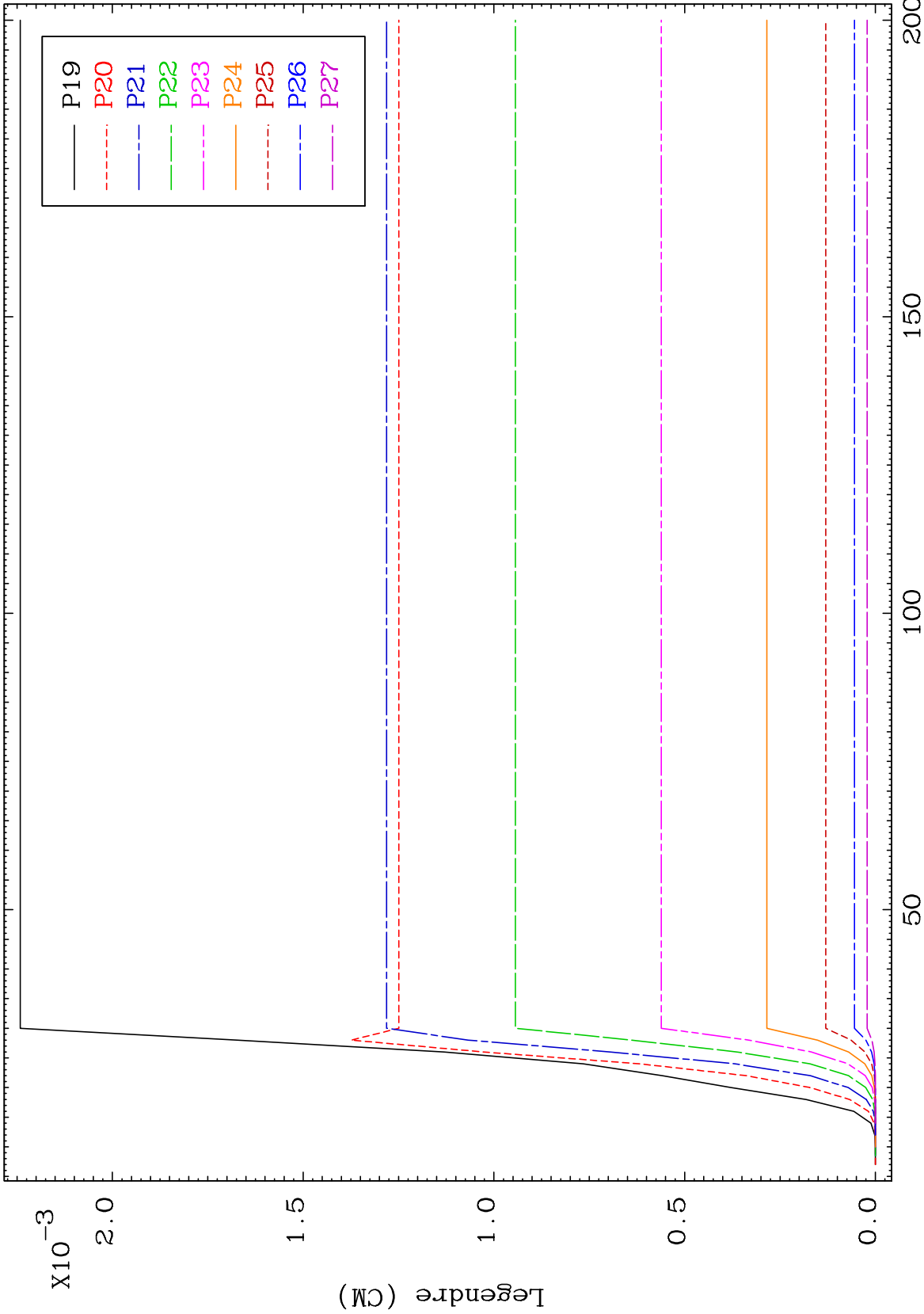
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



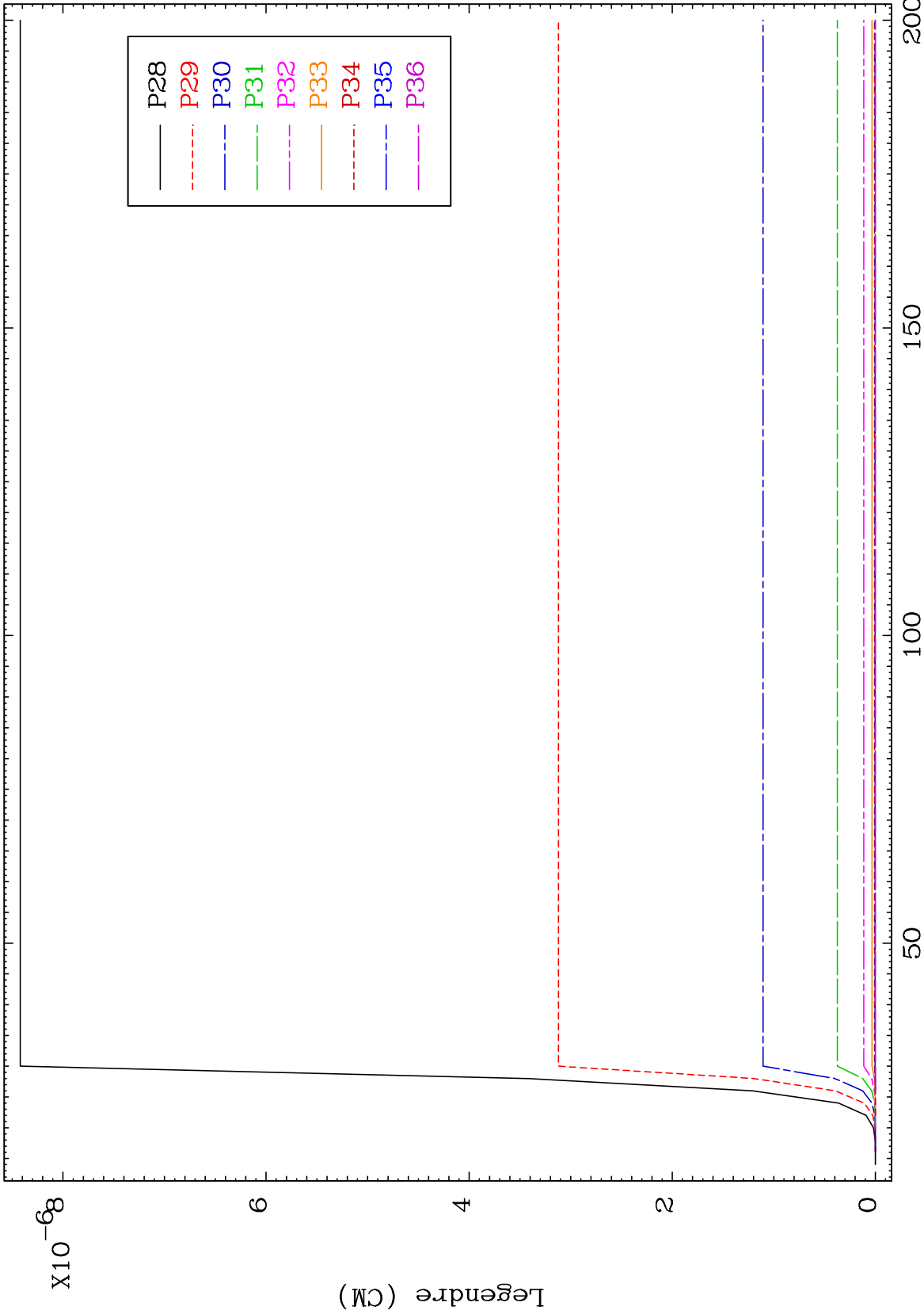
97

70-Yb-174

MAT 7043

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

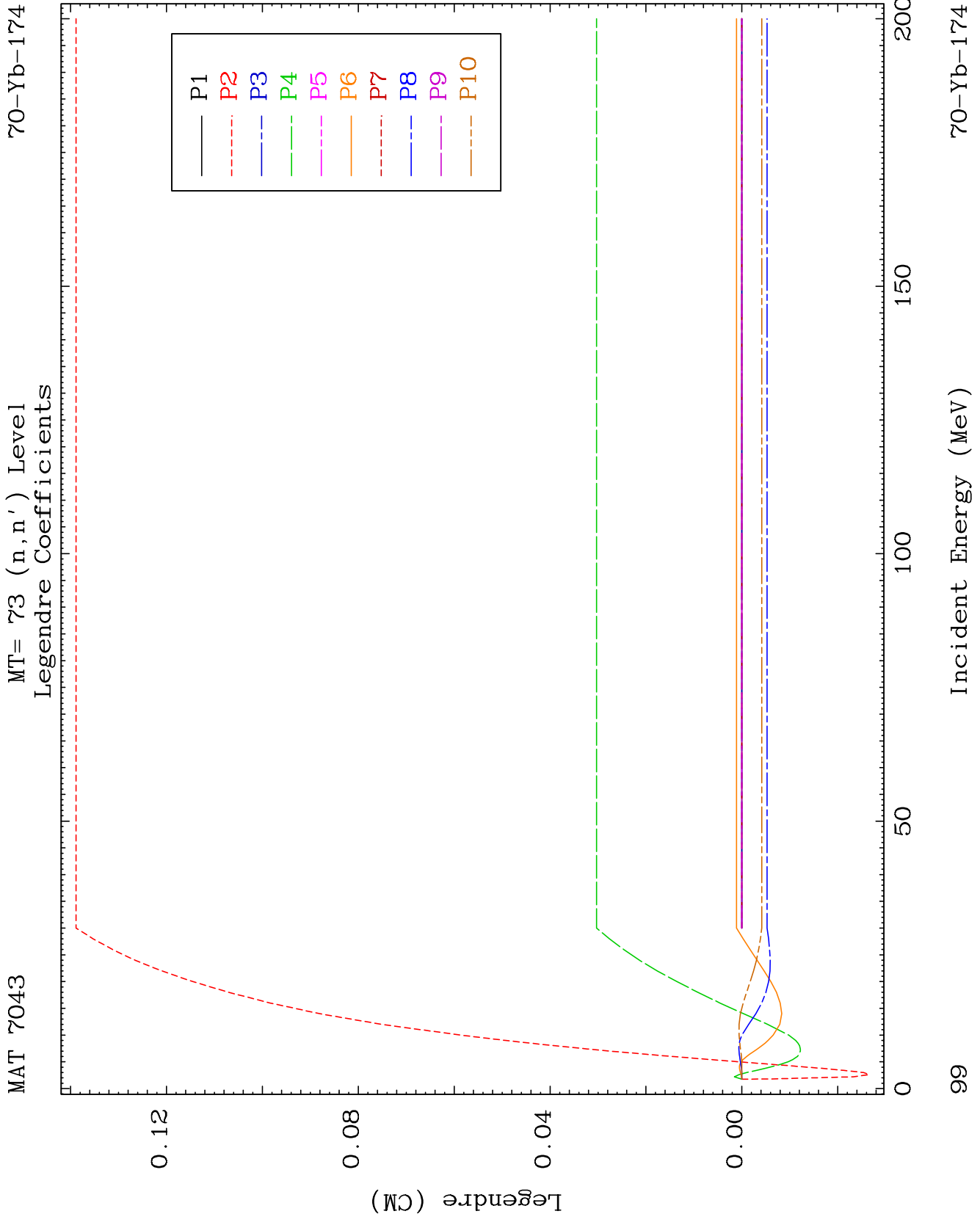
70-Yb-174



98

Incident Energy (MeV)

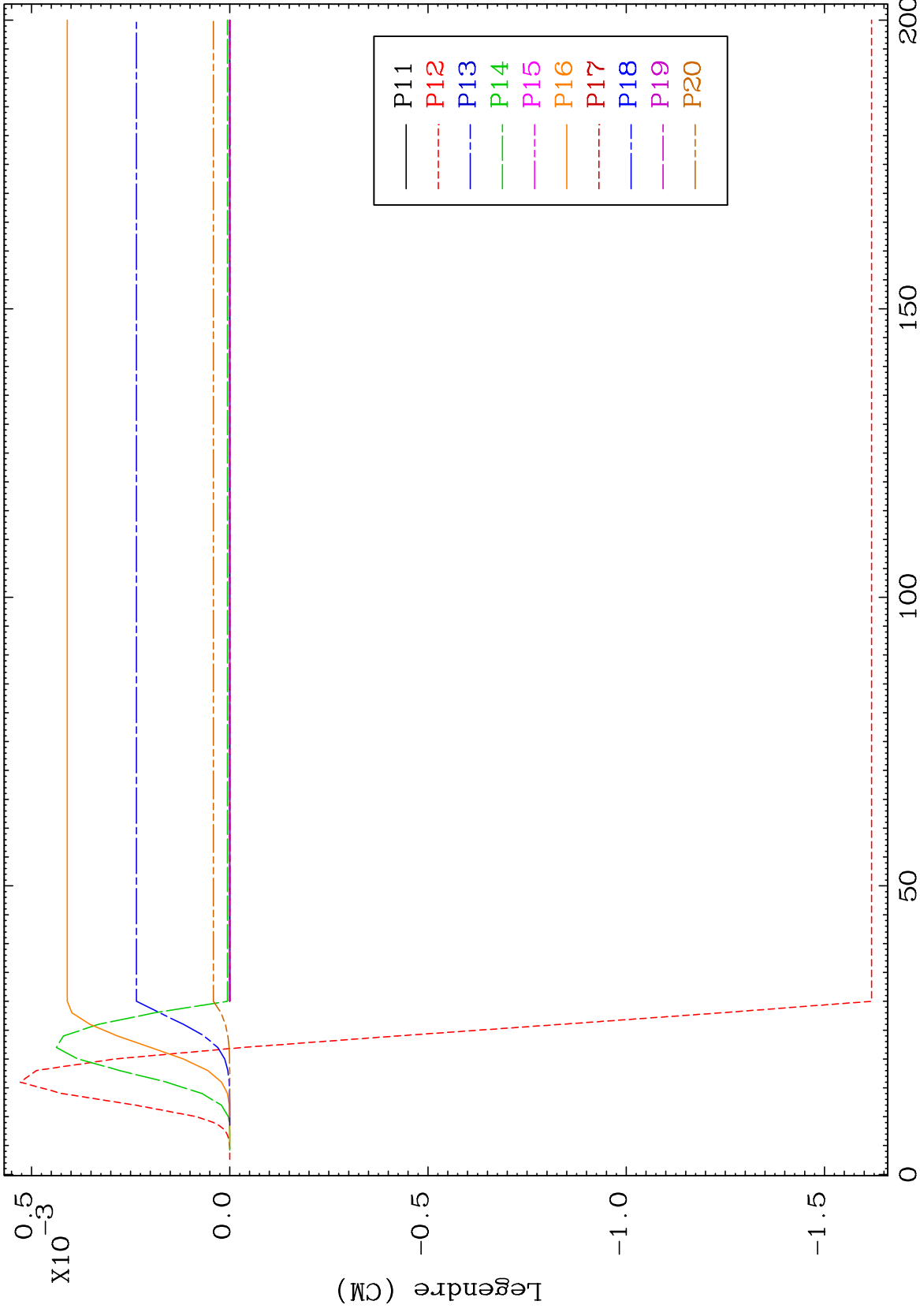
70-Yb-174



MAT 7043

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

70-Yb-174

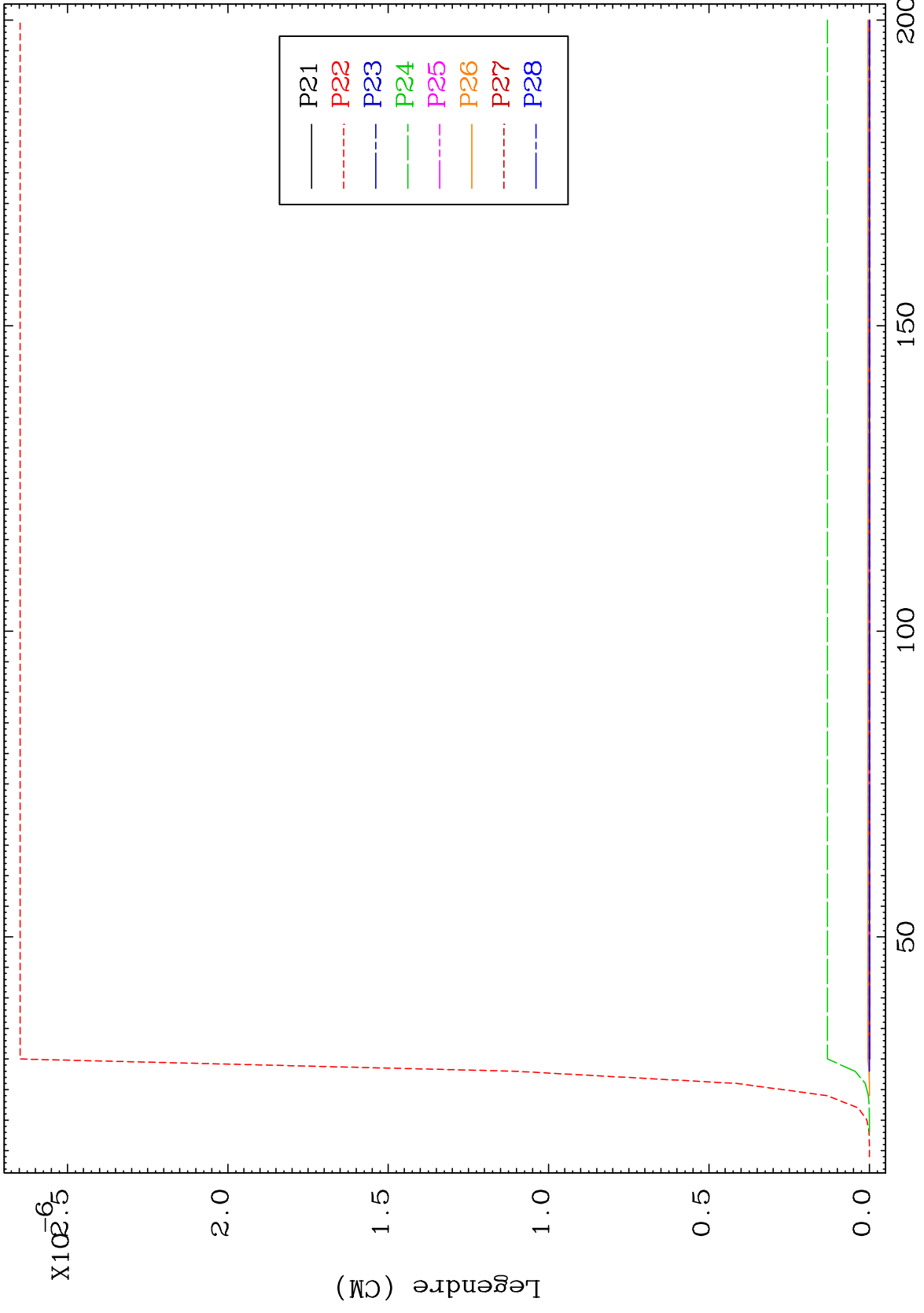


100

Incident Energy (MeV)

70-Yb-174

MAT 7043 MT= 73 (n,n') Level Legendre Coefficients 70-Yb-174

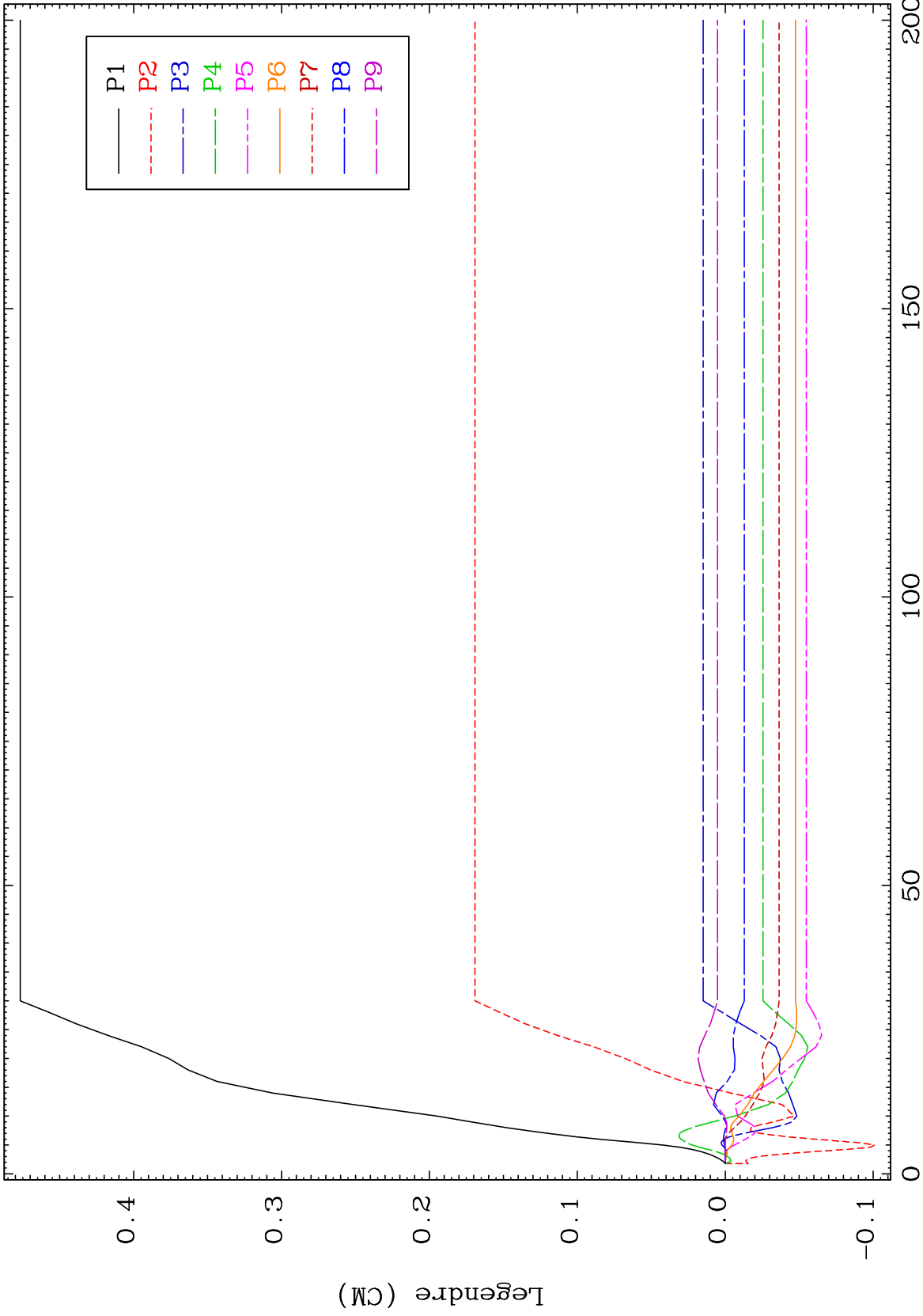


101 Incident Energy (MeV) 70-Yb-174

MAT 7043

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

70-Yb-174



102

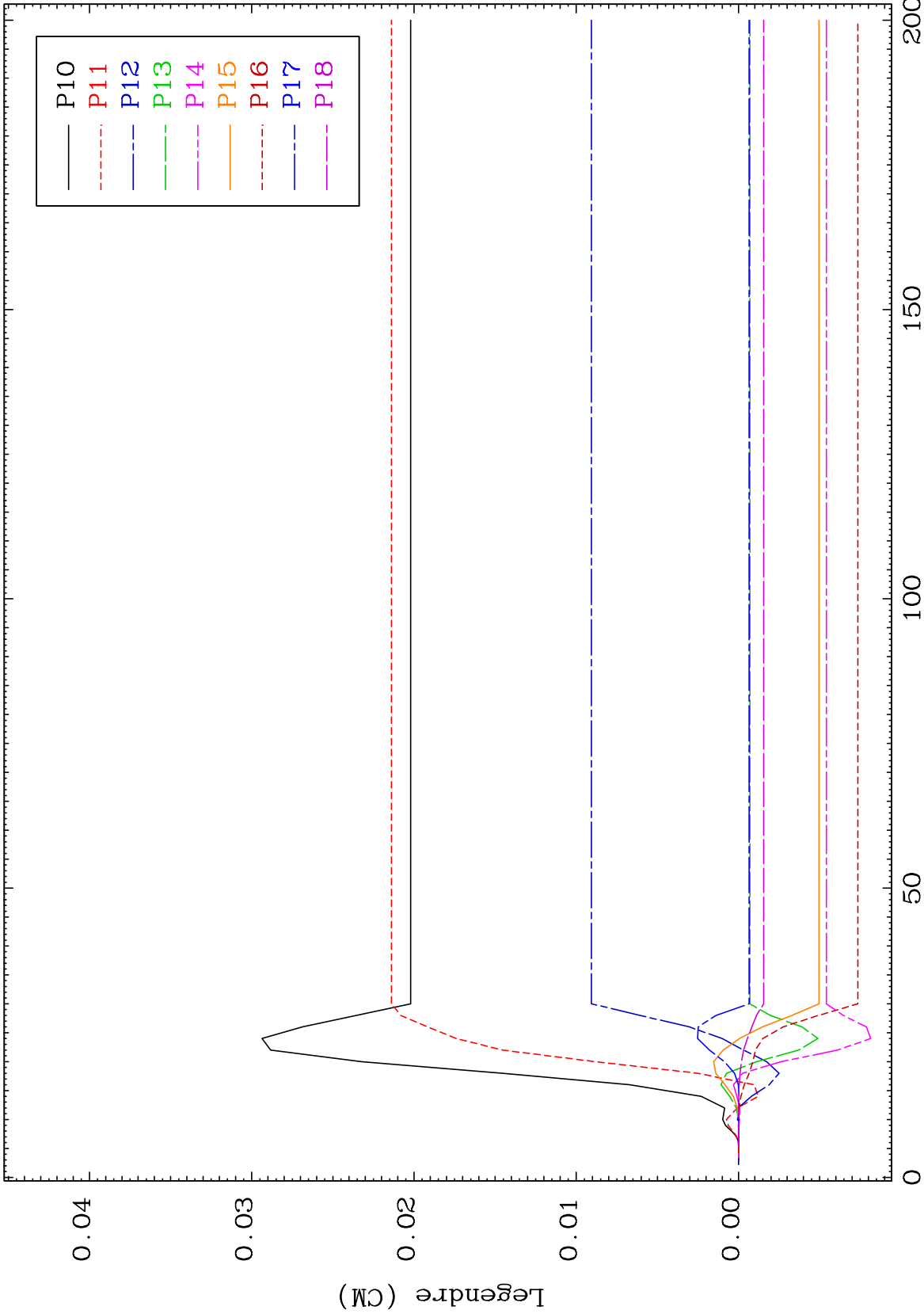
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



103

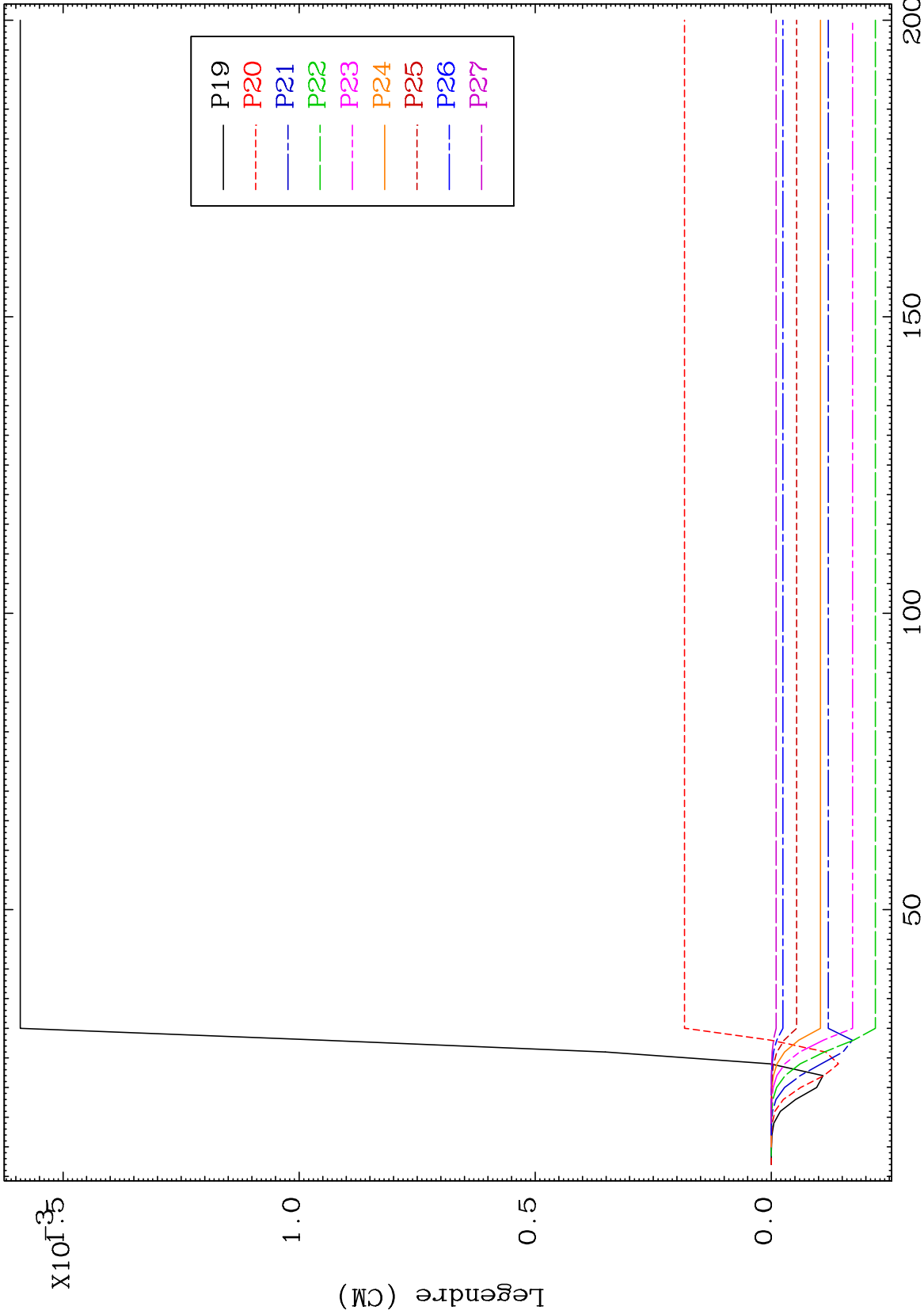
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174

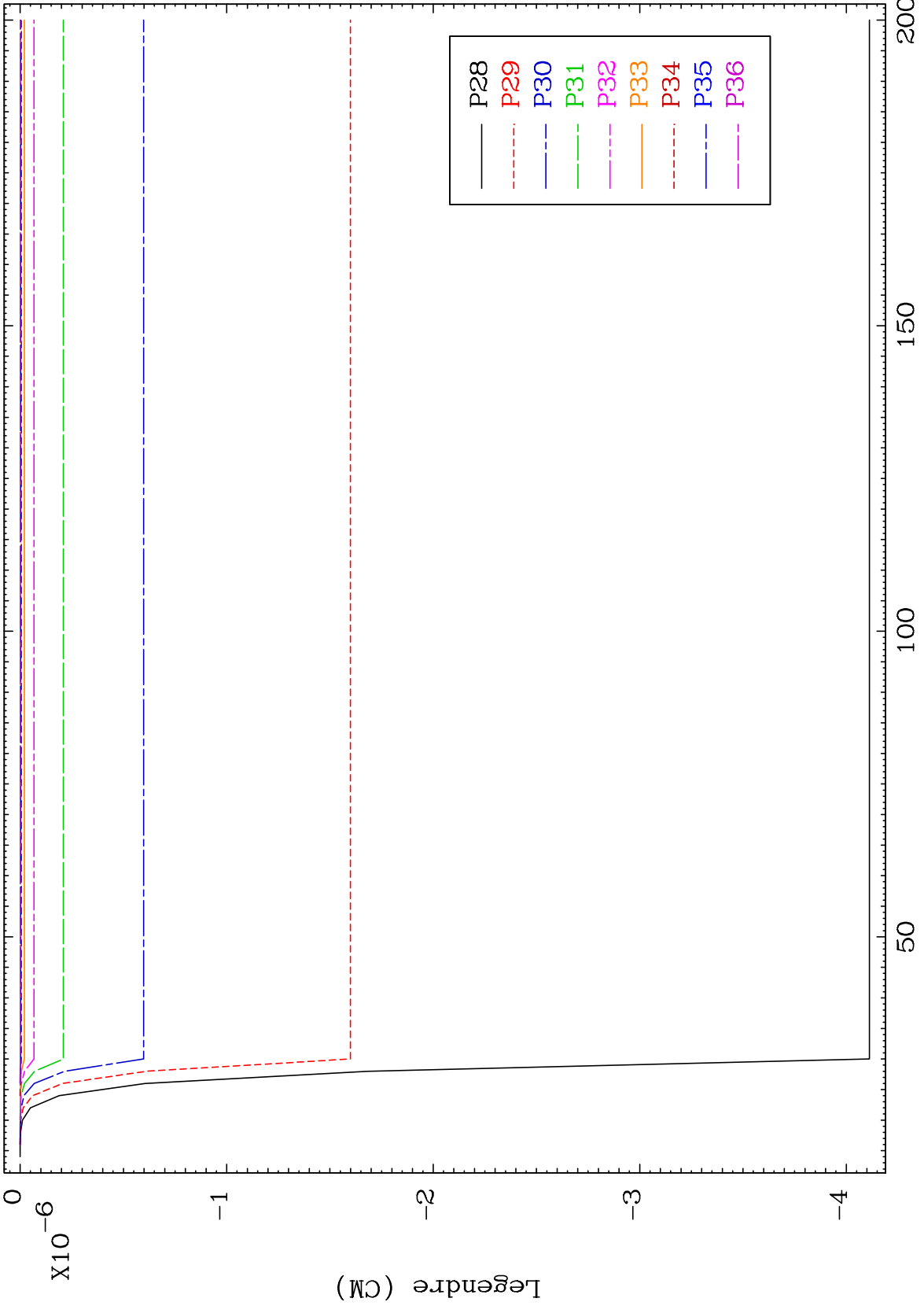


104

Incident Energy (MeV)

70-Yb-174

MAT 7043 MT= 74 (n,n') Level Legendre Coefficients 70-Yb-174

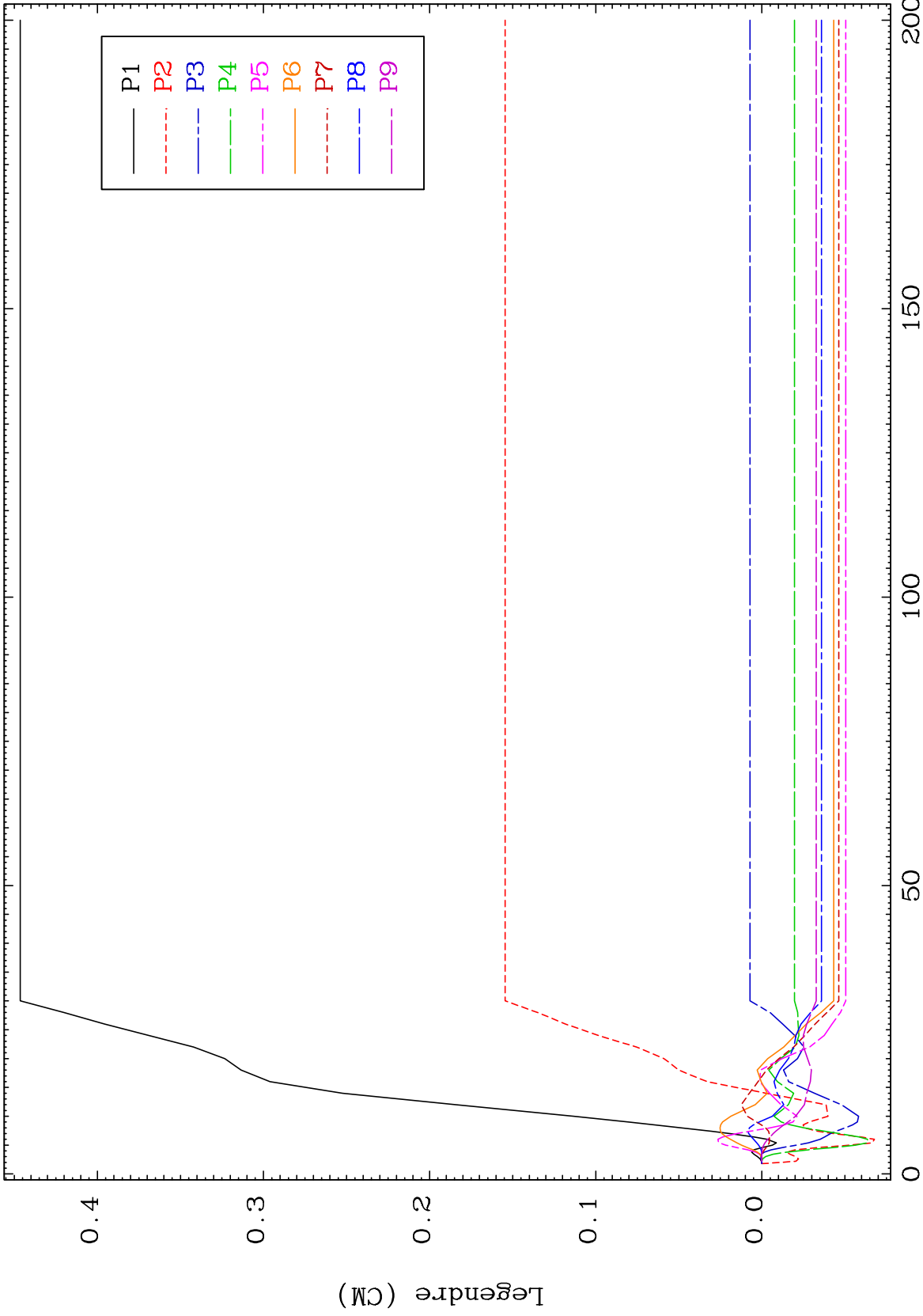


105 50 100 150 200 70-Yb-174

MAT 7043

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

70-Yb-174



70-Yb-174

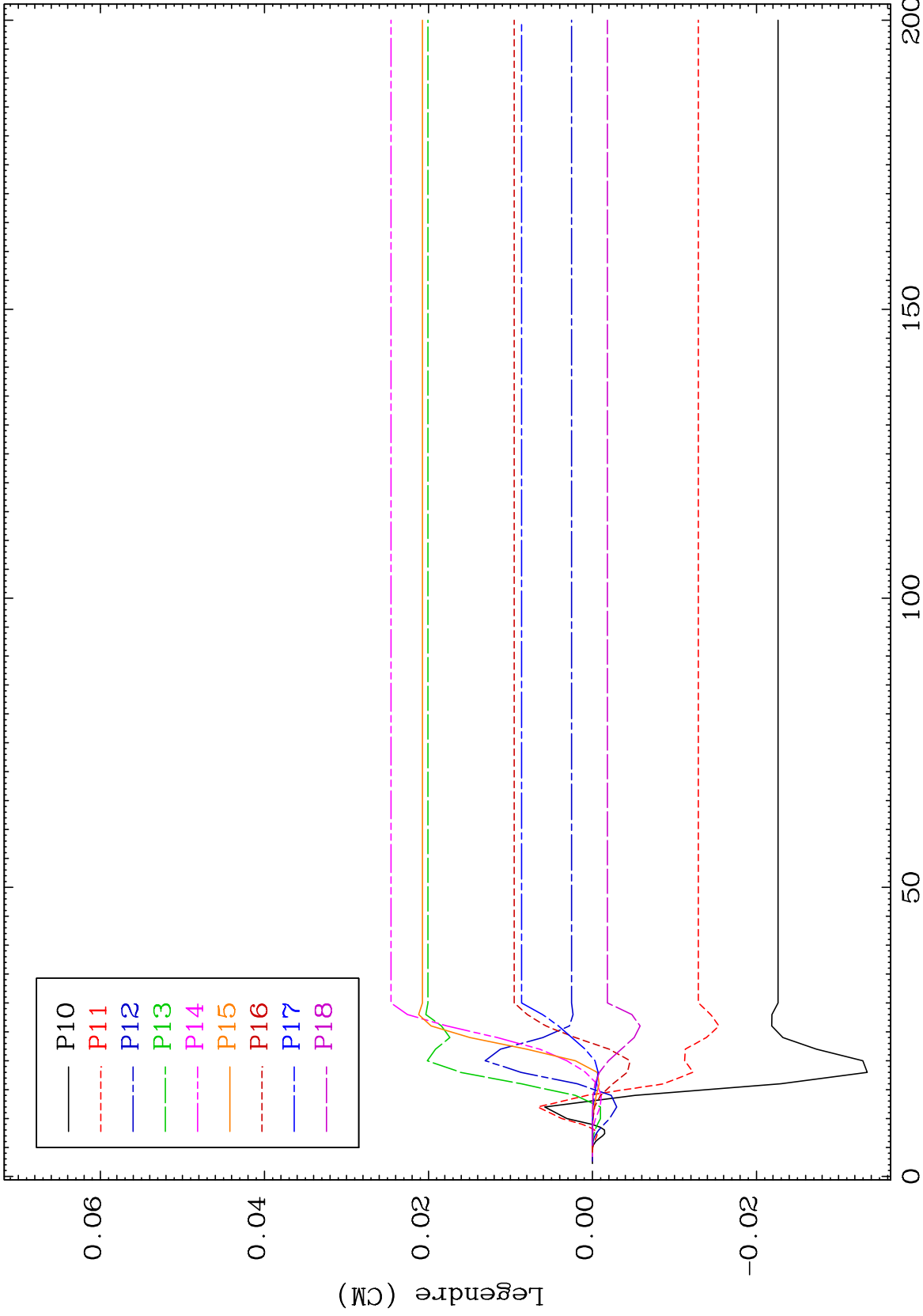
Incident Energy (MeV)

106

MAT 7043

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

70-Yb-174



107

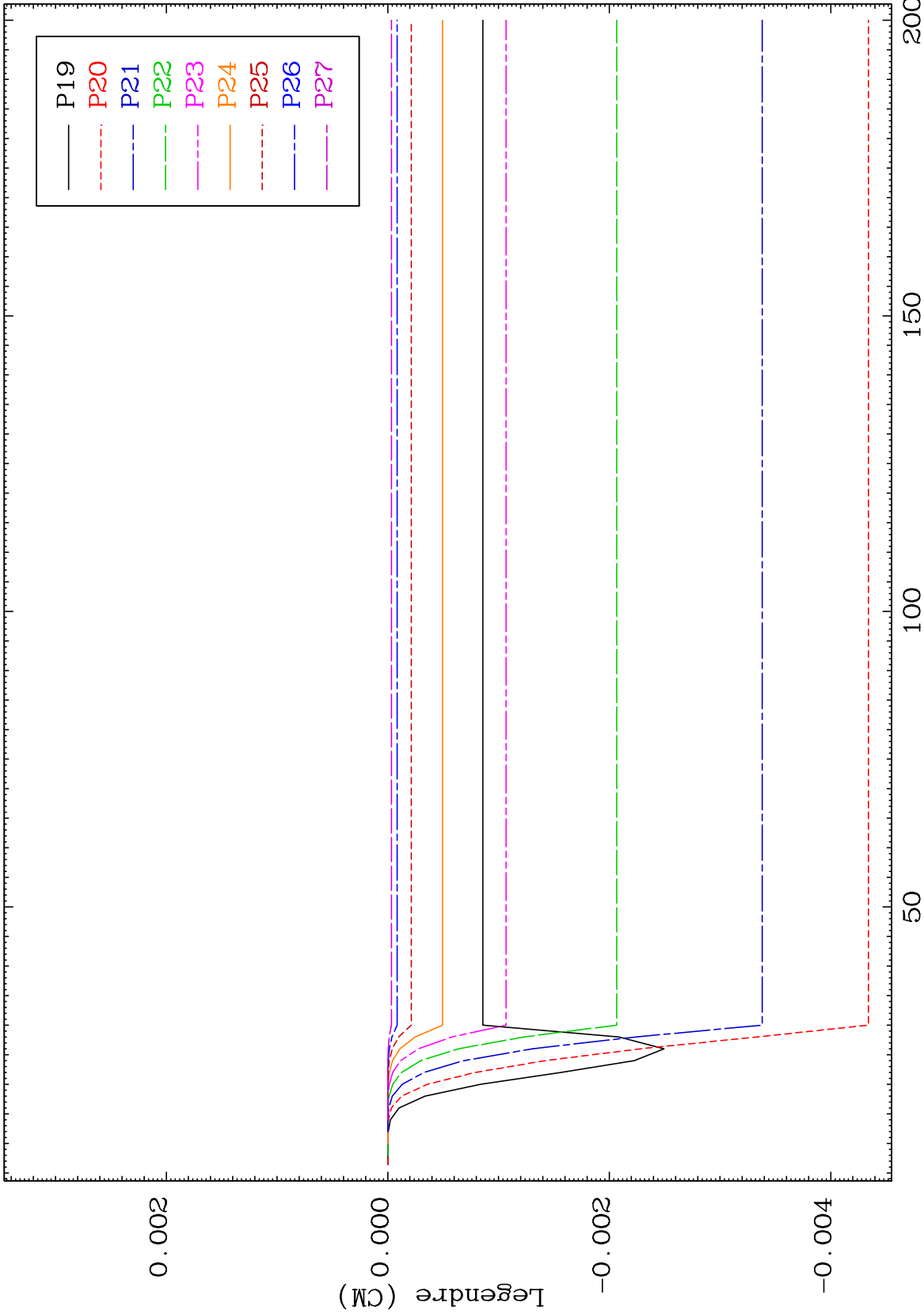
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



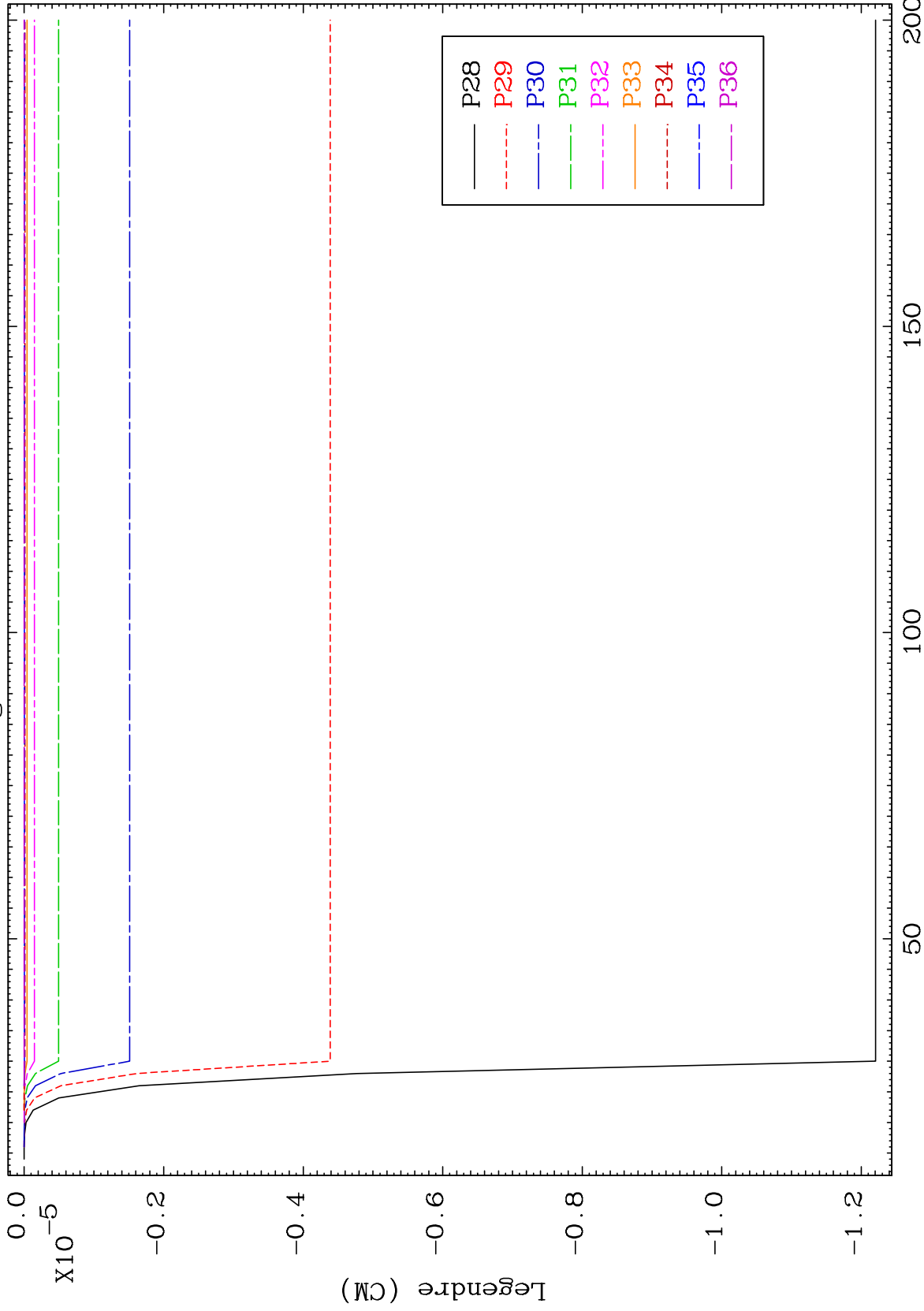
108

70-Yb-174

MAT 7043

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

70-Yb-174



109

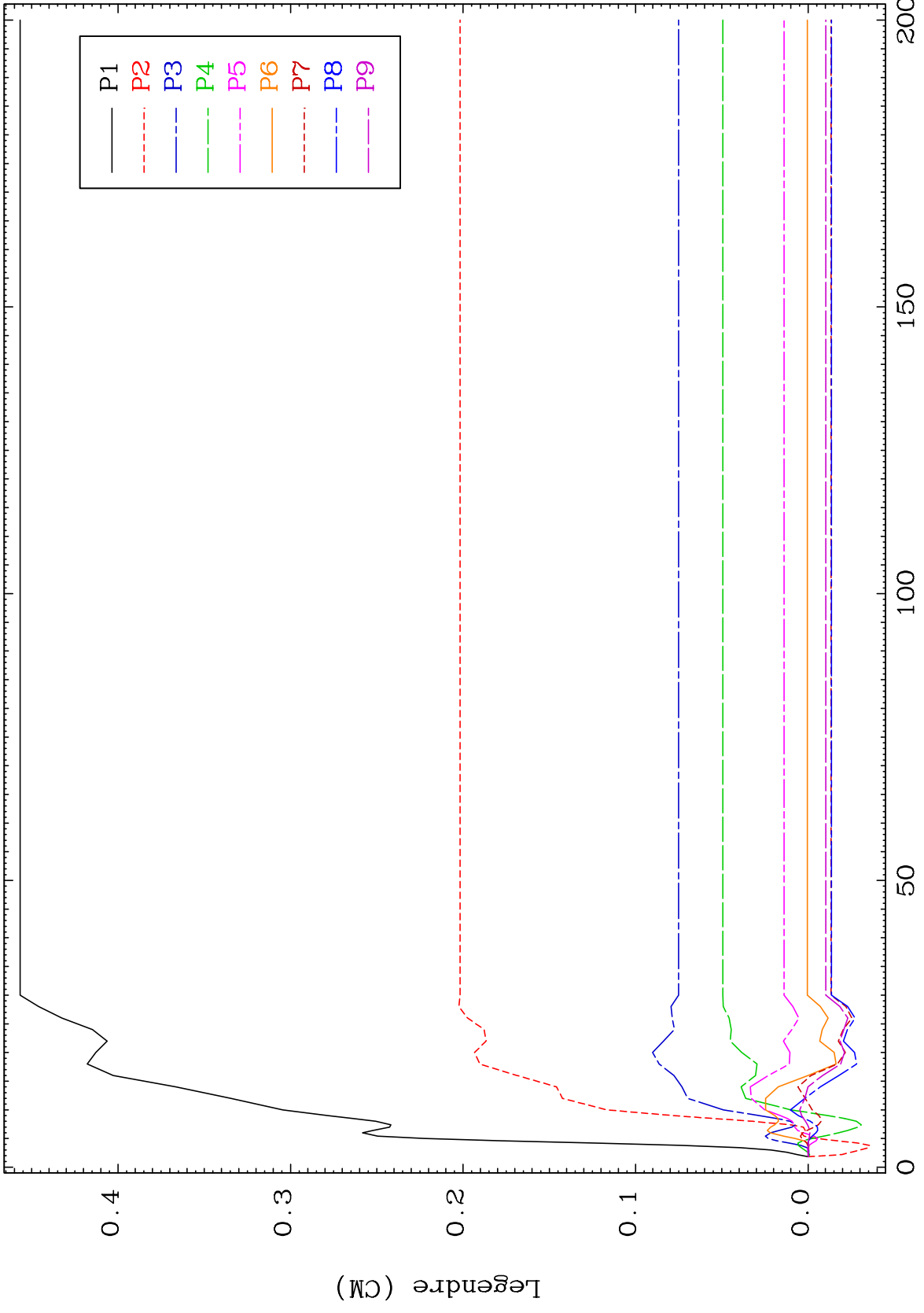
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



70-Yb-174

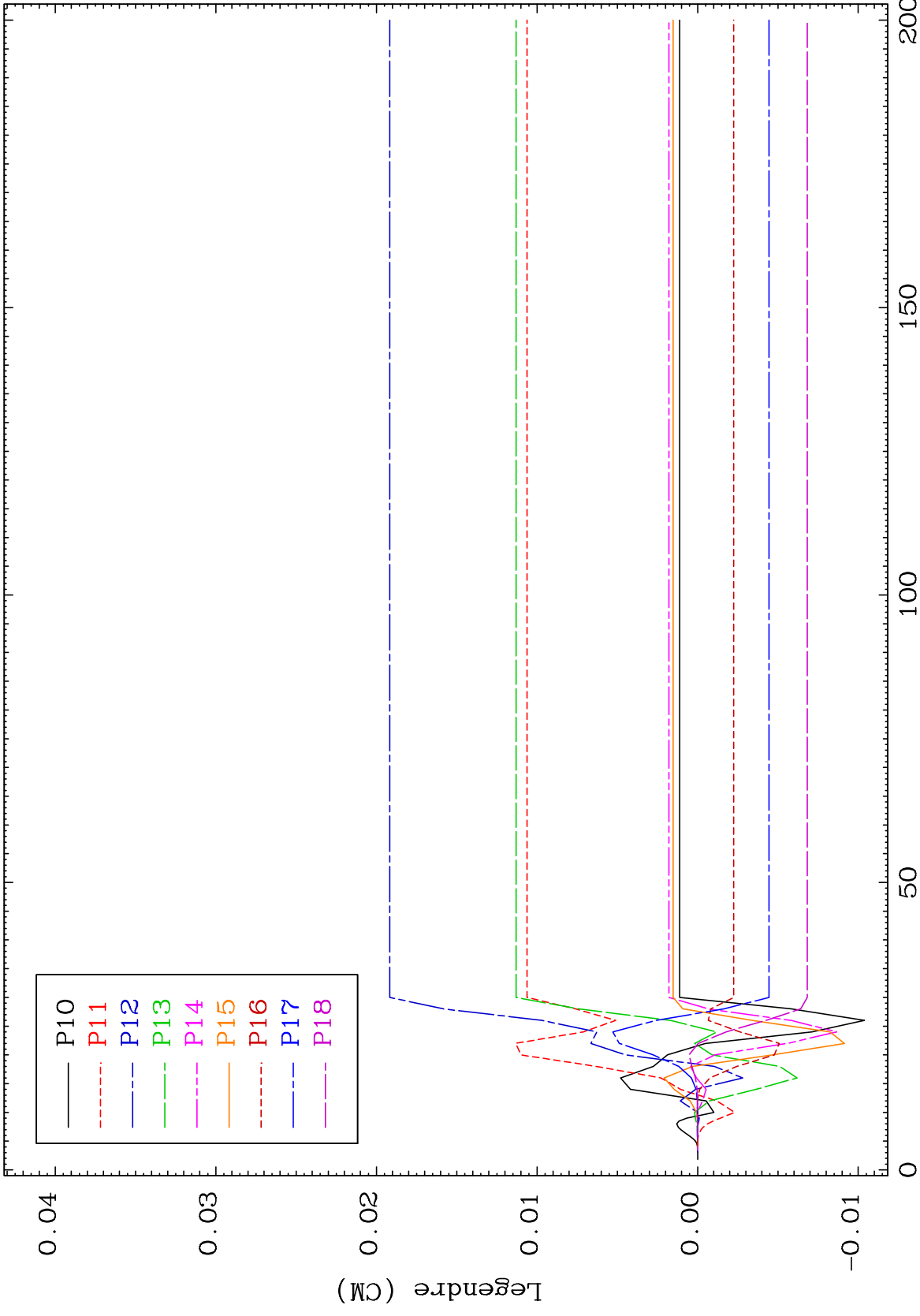
Incident Energy (MeV)

110

MAT 7043

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

70-Yb-174

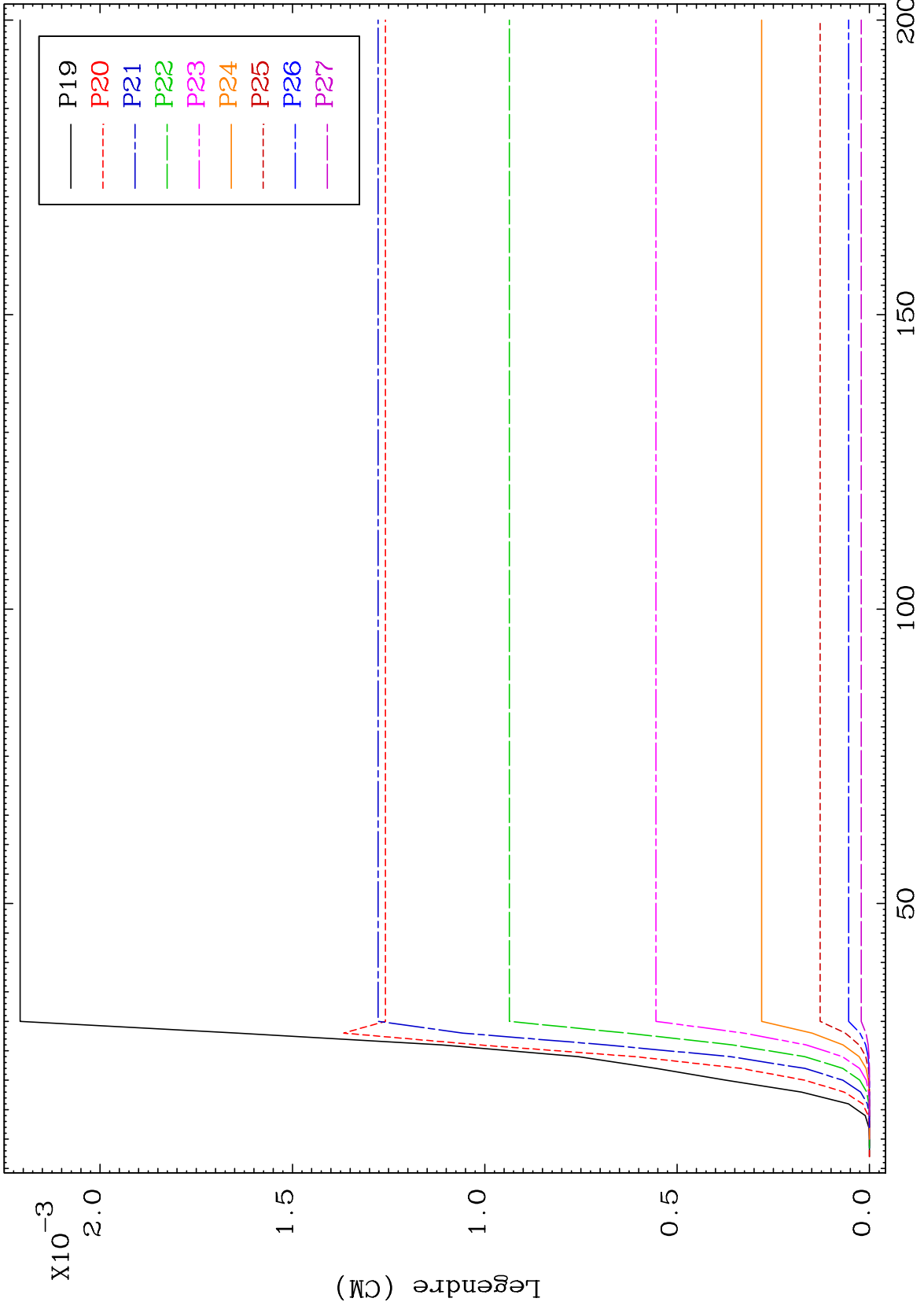


111

Incident Energy (MeV)

70-Yb-174

MAT 7043 MT= 76 (n,n') Level Legendre Coefficients 70-Yb-174

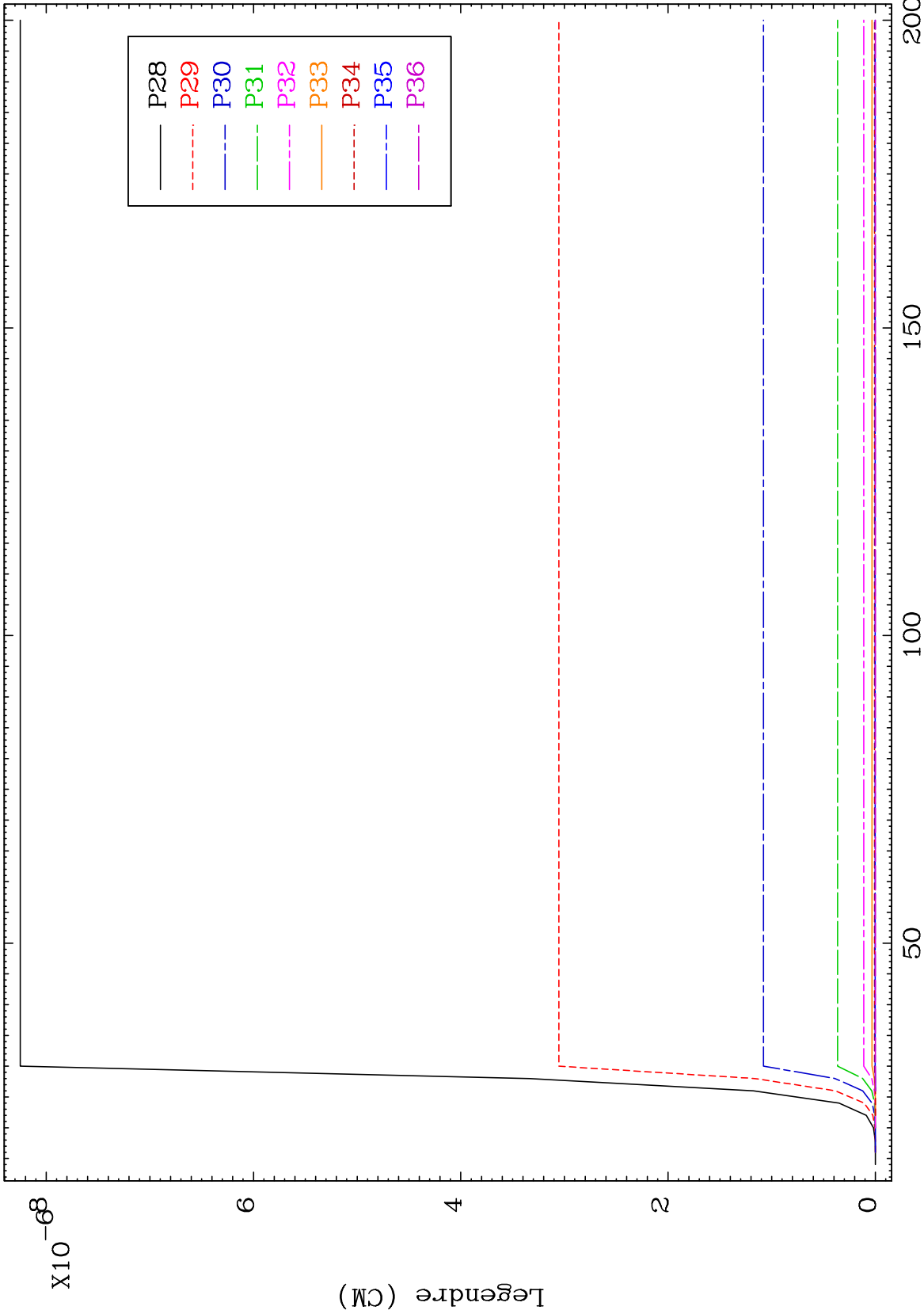


112 70-Yb-174

MAT 7043

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

70-Yb-174



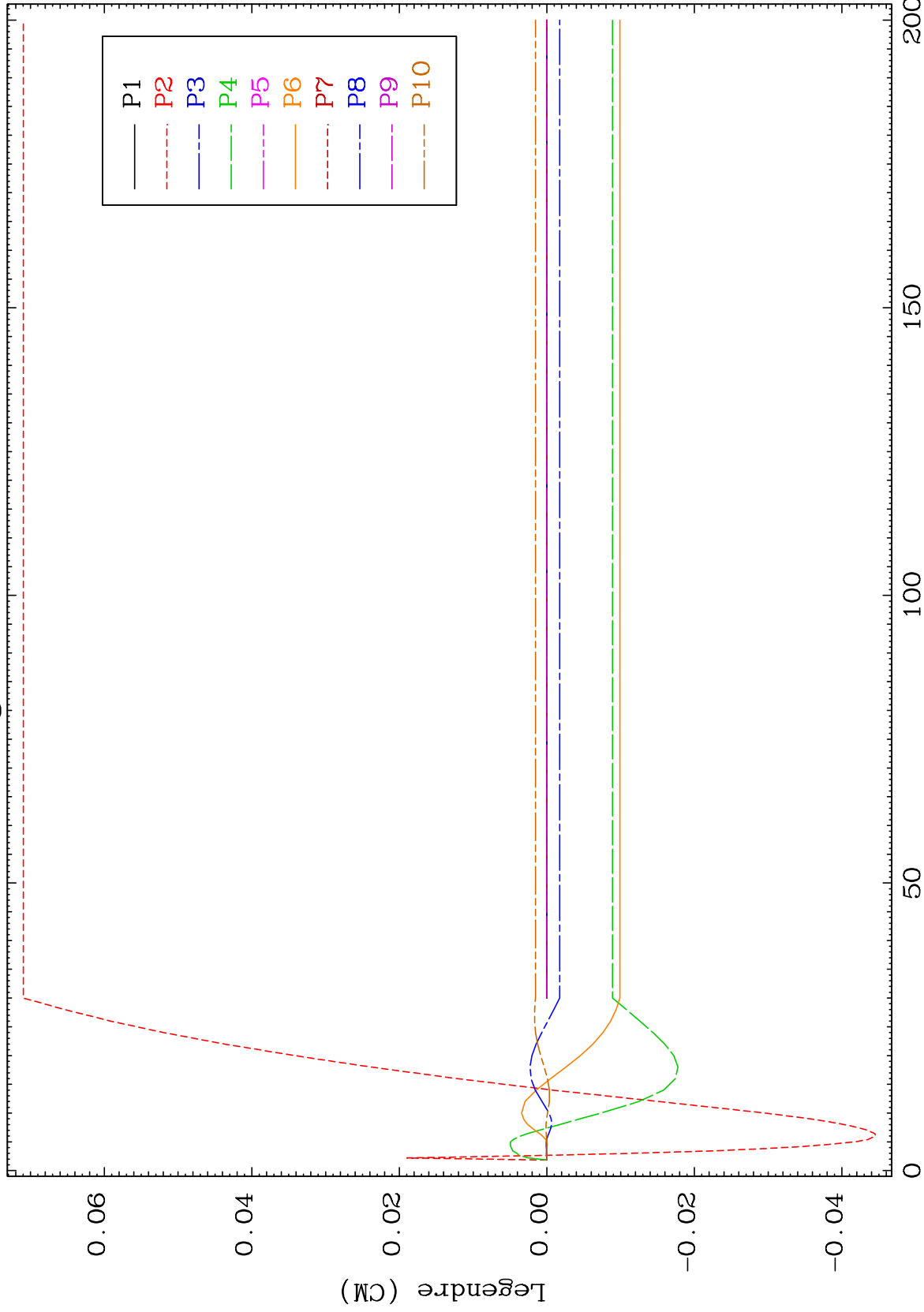
113

70-Yb-174

MAT 7043

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

70-Yb-174



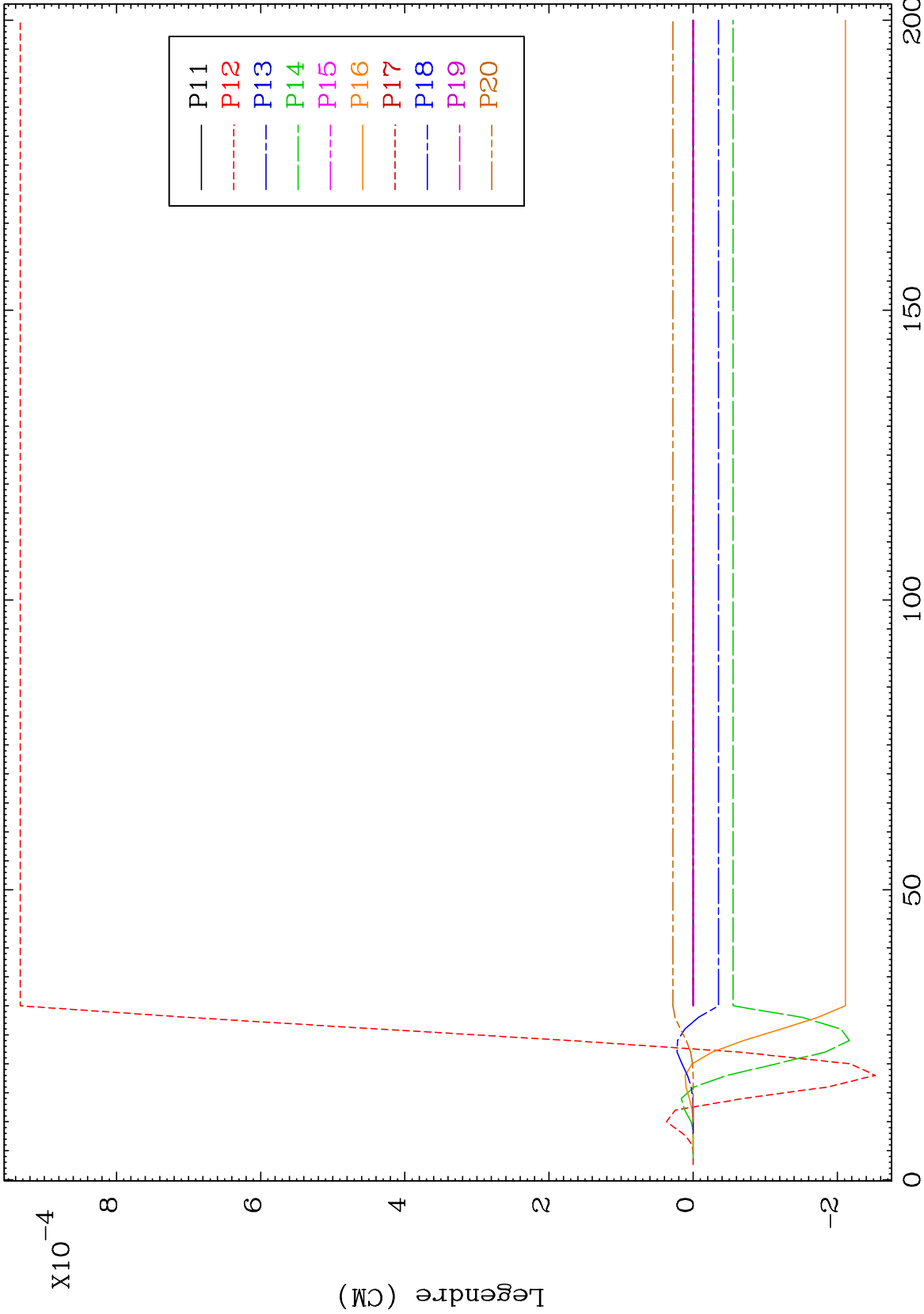
114

70-Yb-174

MAT 7043

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

70-Yb-174



115

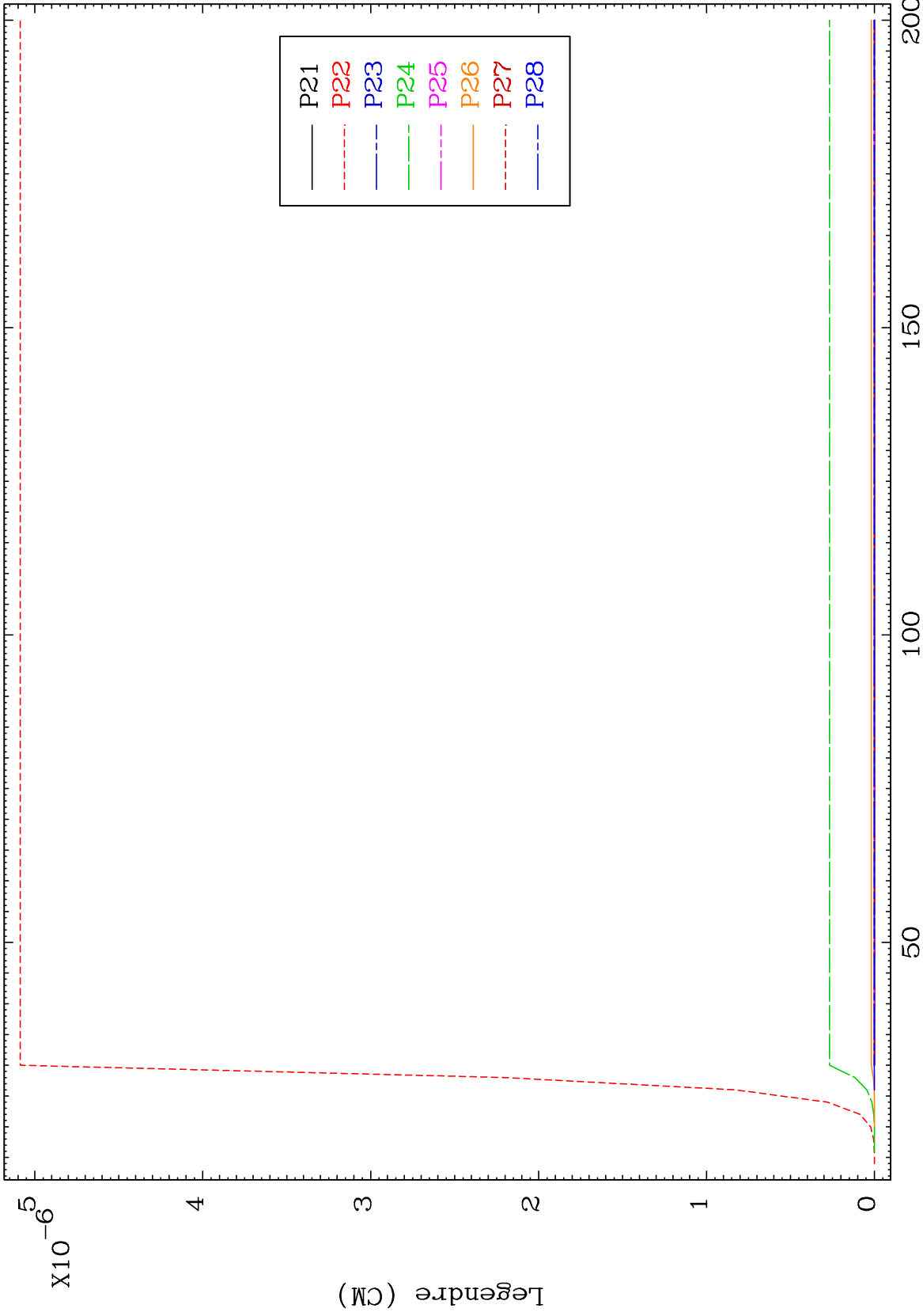
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



116

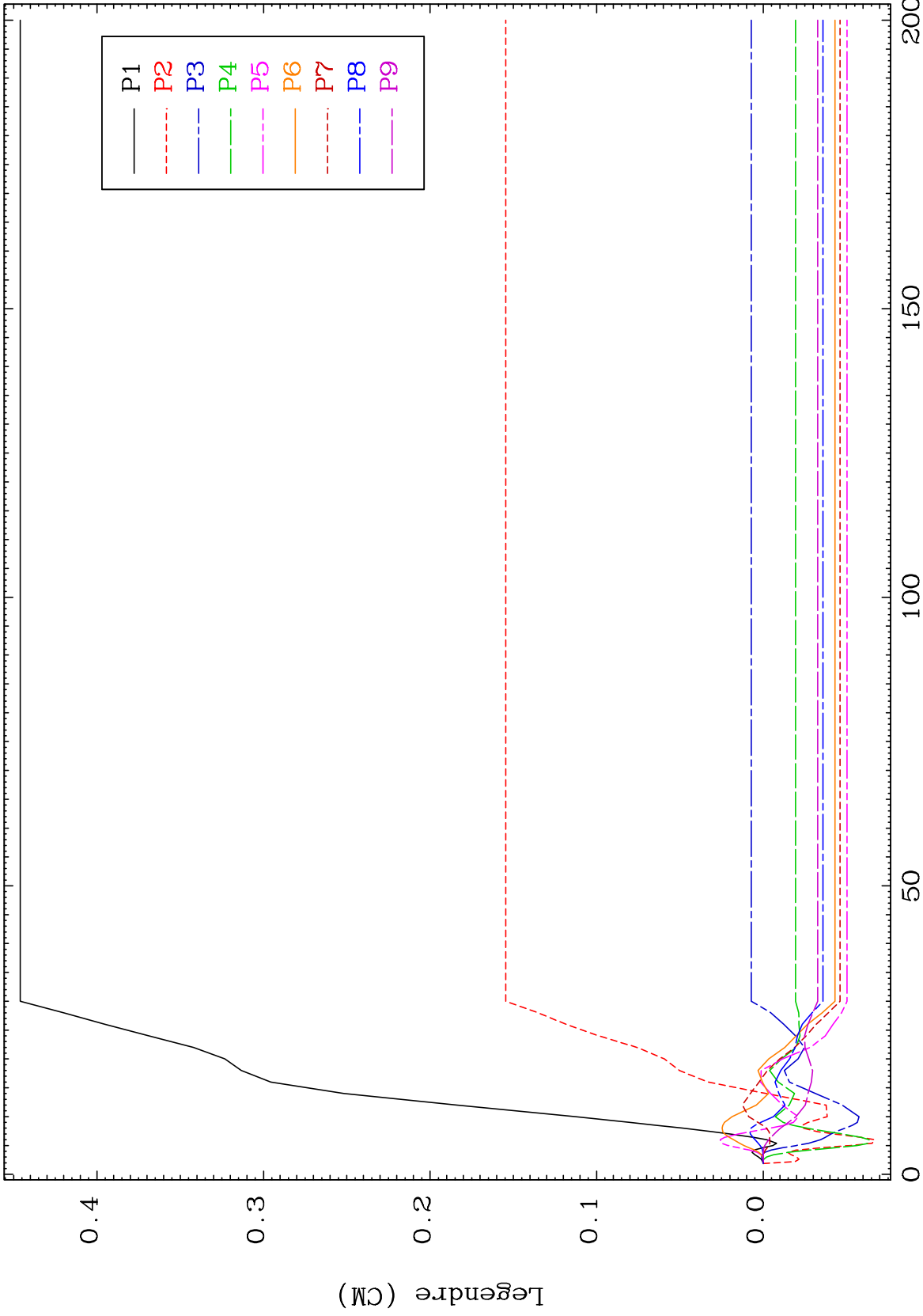
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



117

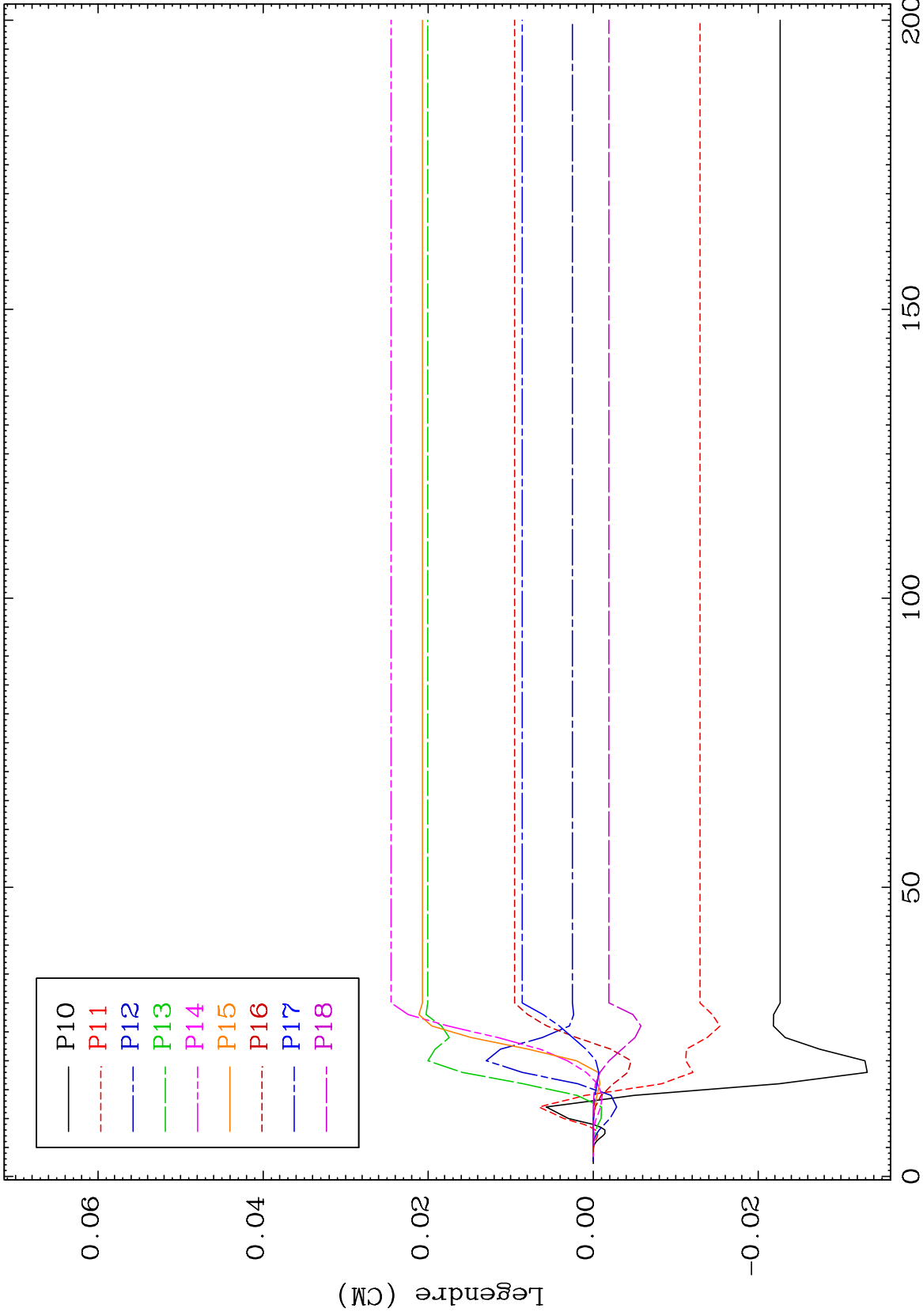
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



118

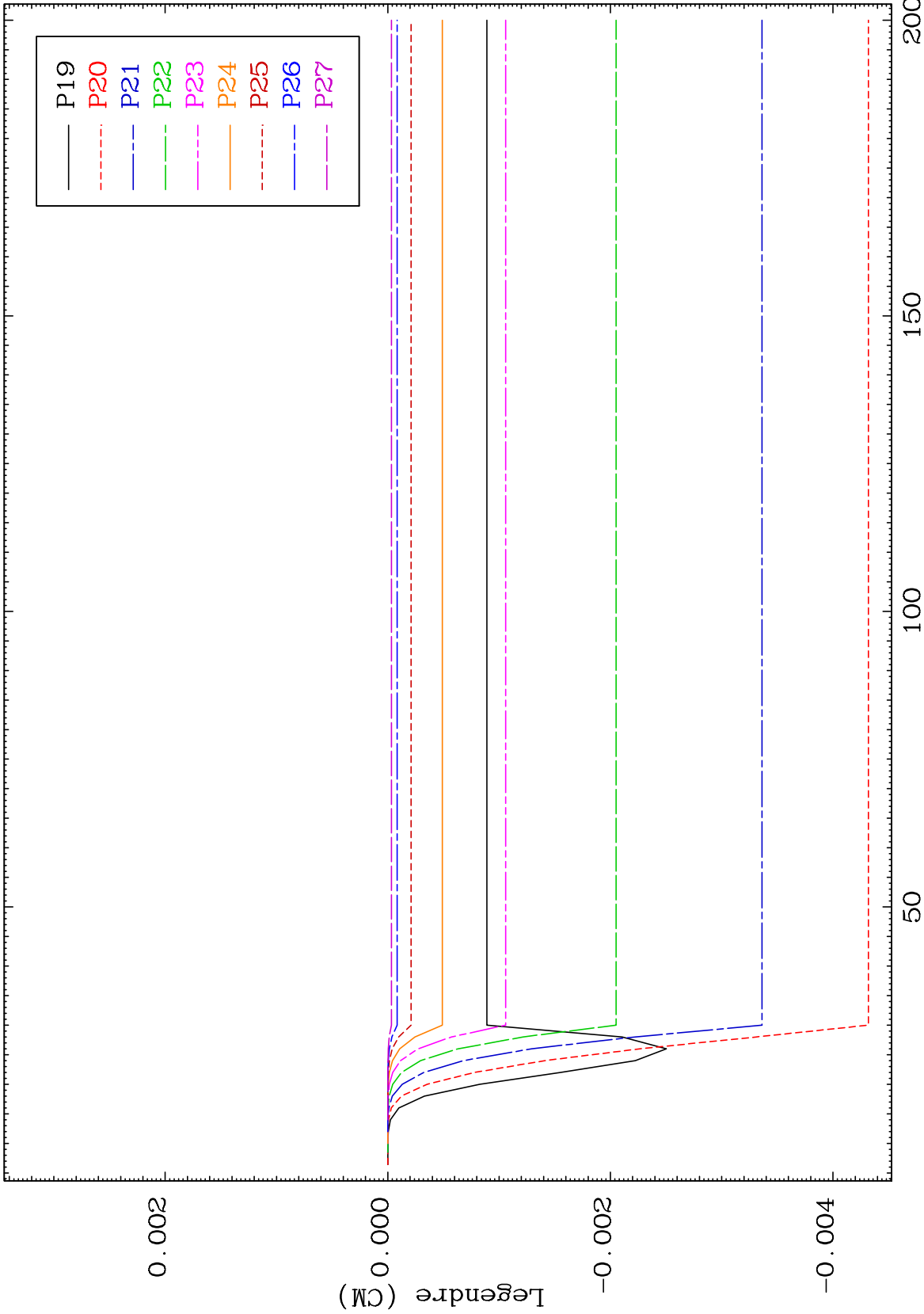
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174

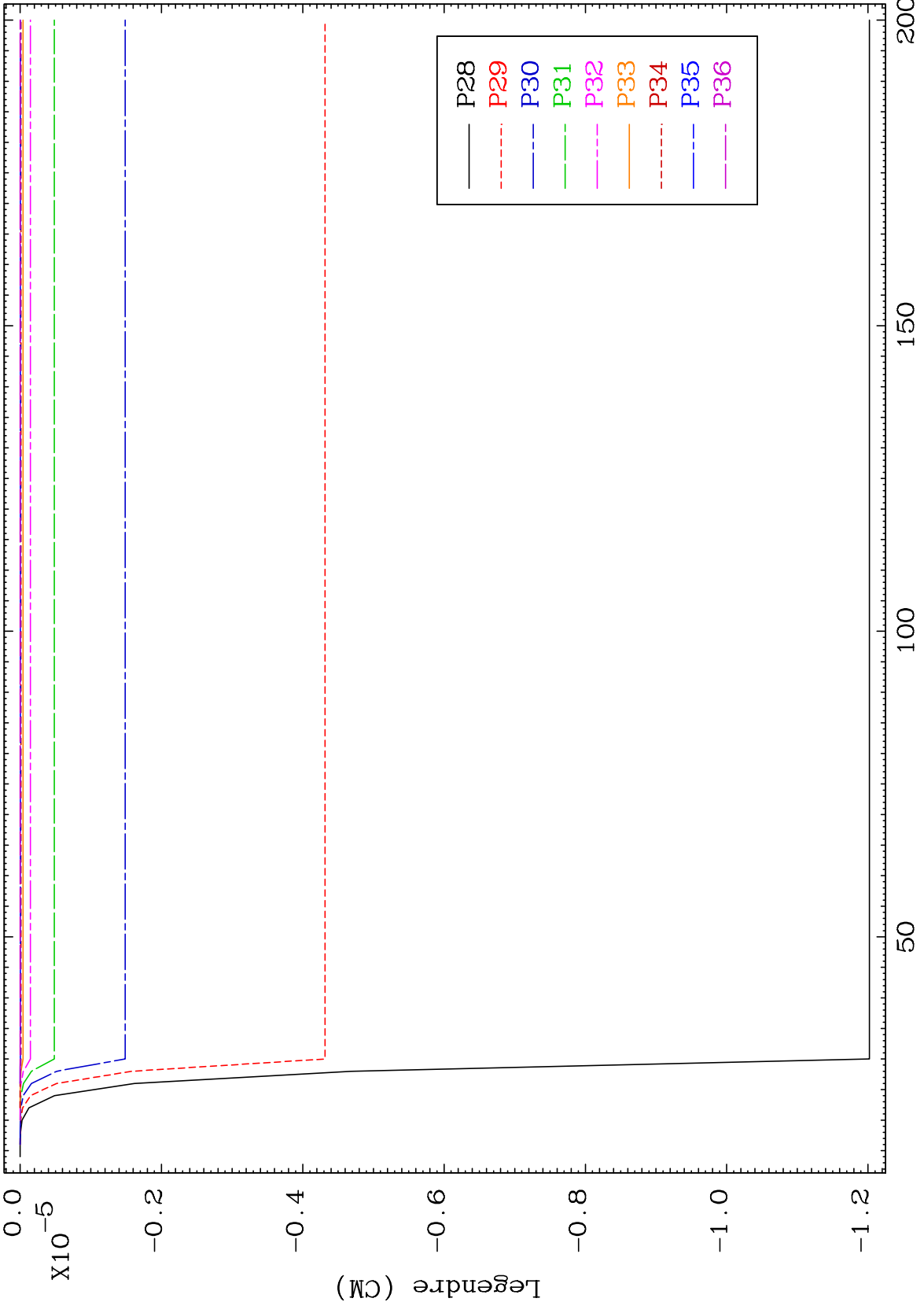


119

Incident Energy (MeV)

70-Yb-174

MAT 7043 MT= 78 (n,n') Level Legendre Coefficients 70-Yb-174

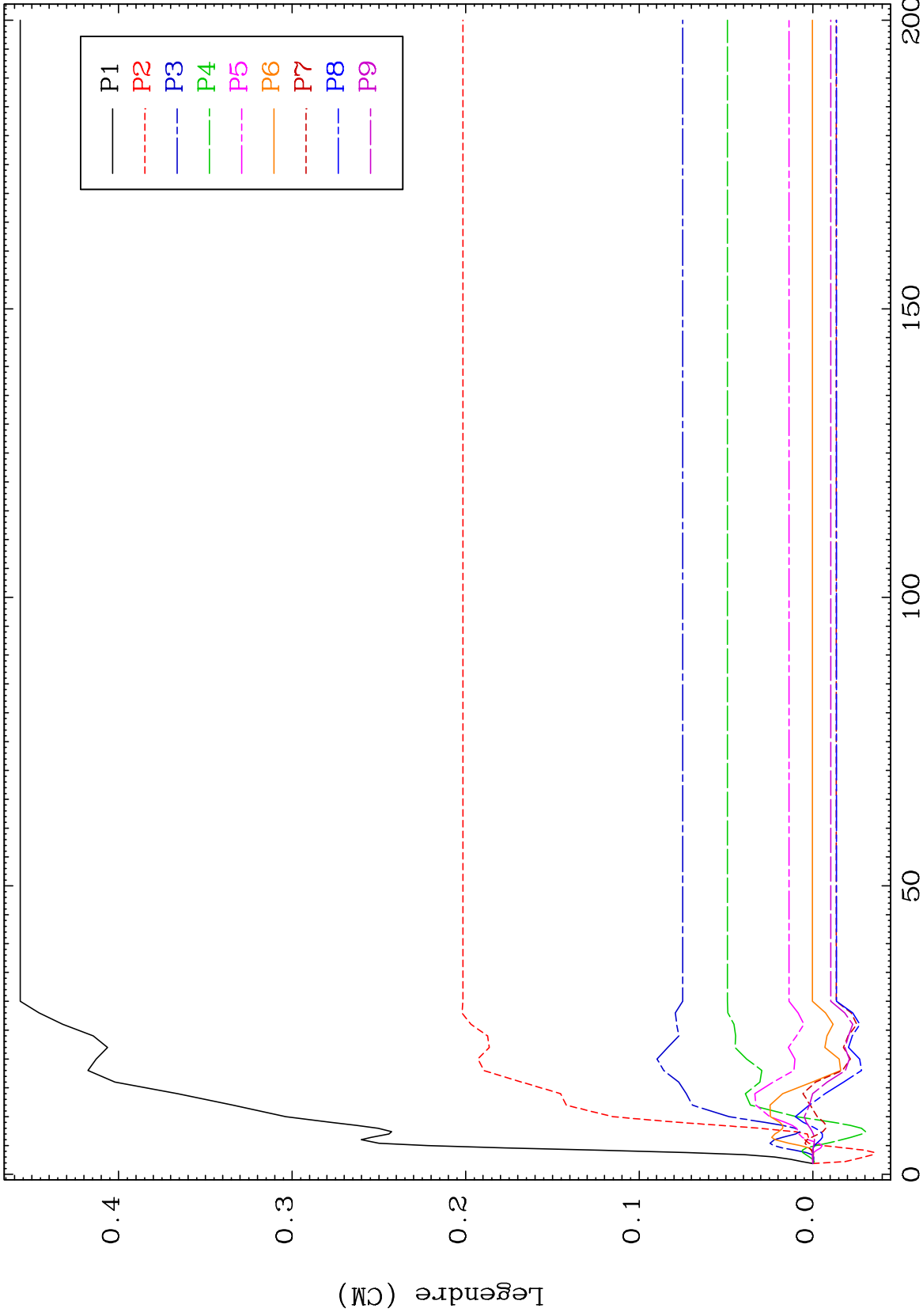


Incident Energy (MeV) 70-Yb-174

MAT 7043

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

70-Yb-174



121

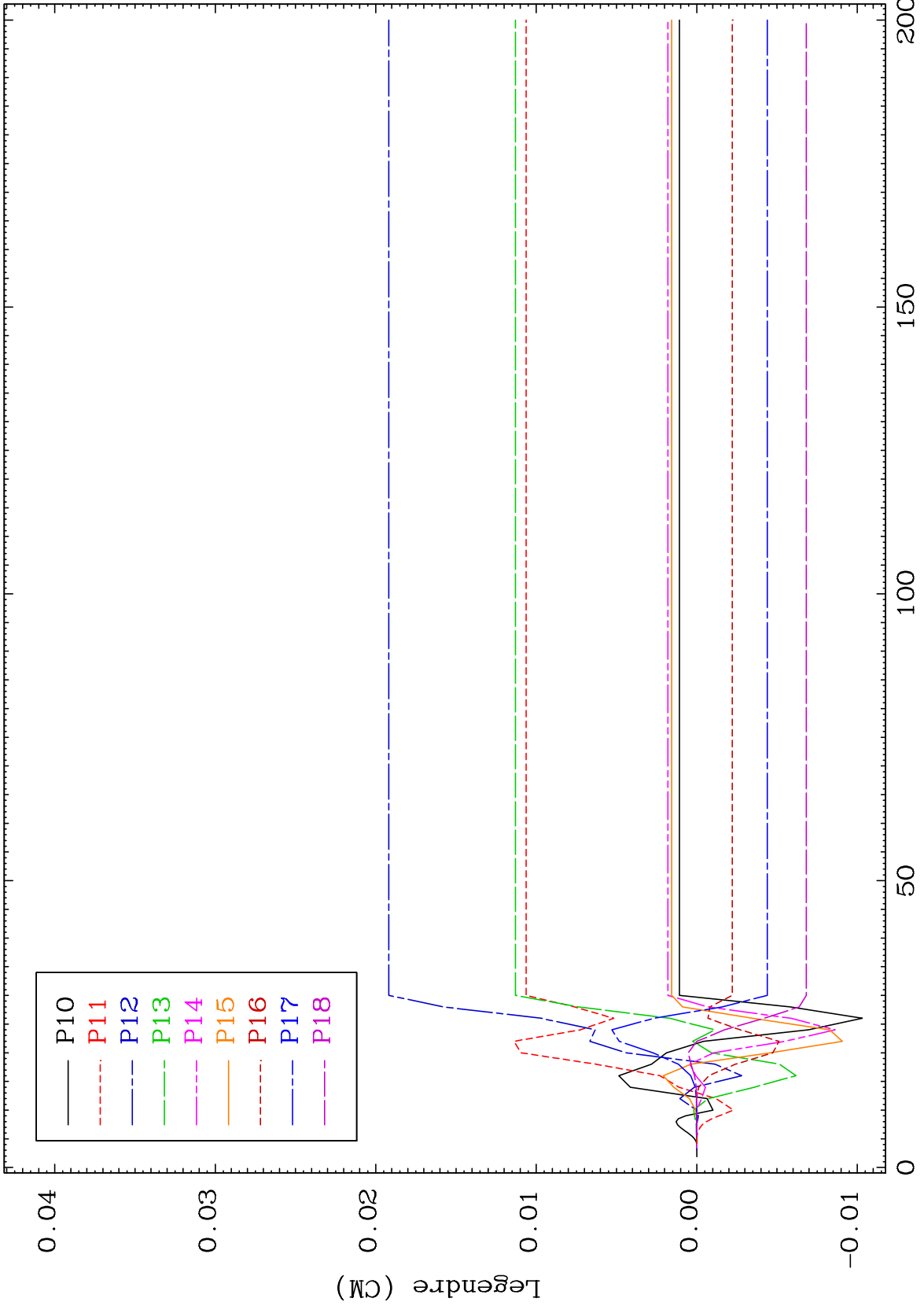
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



122

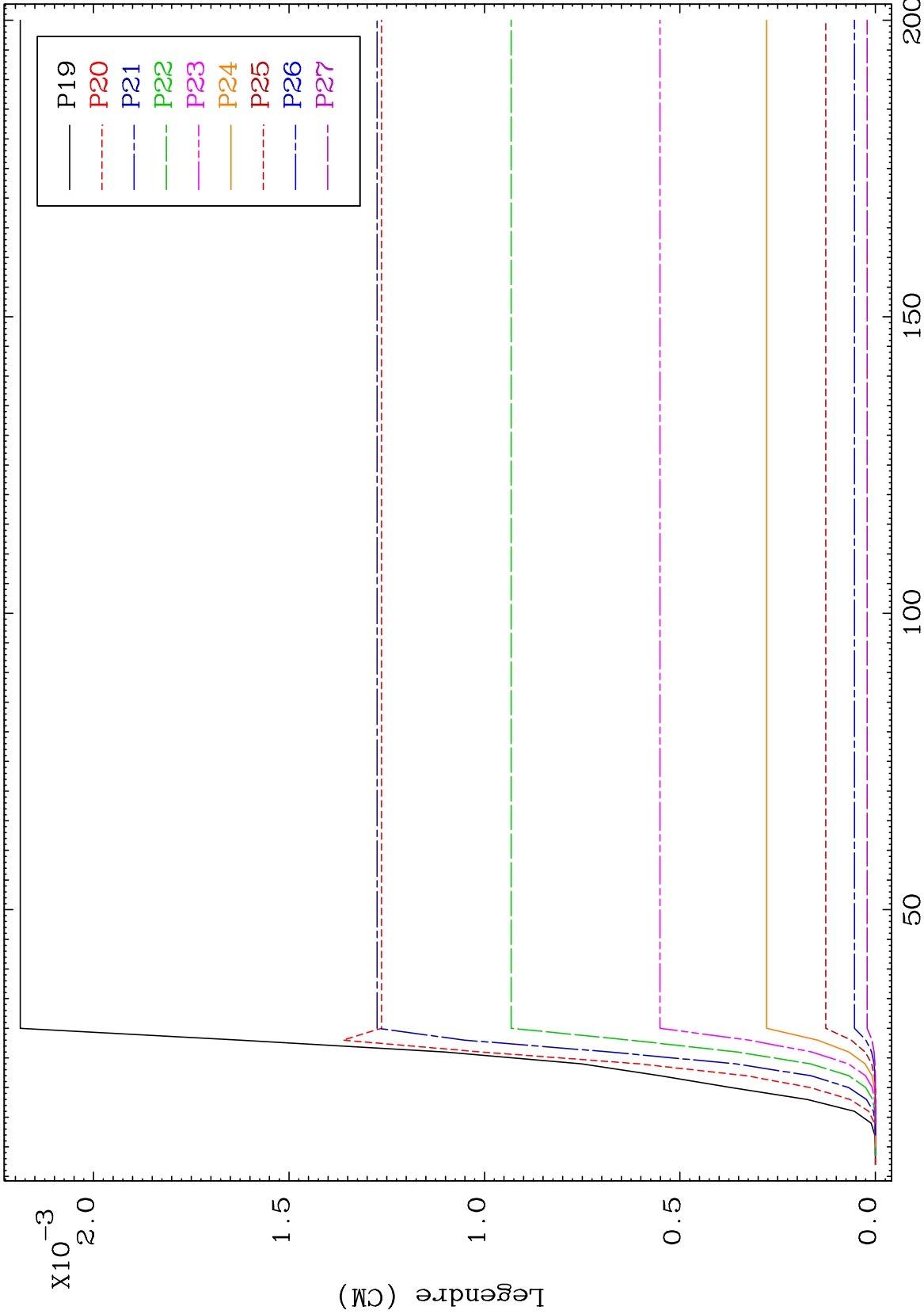
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



123

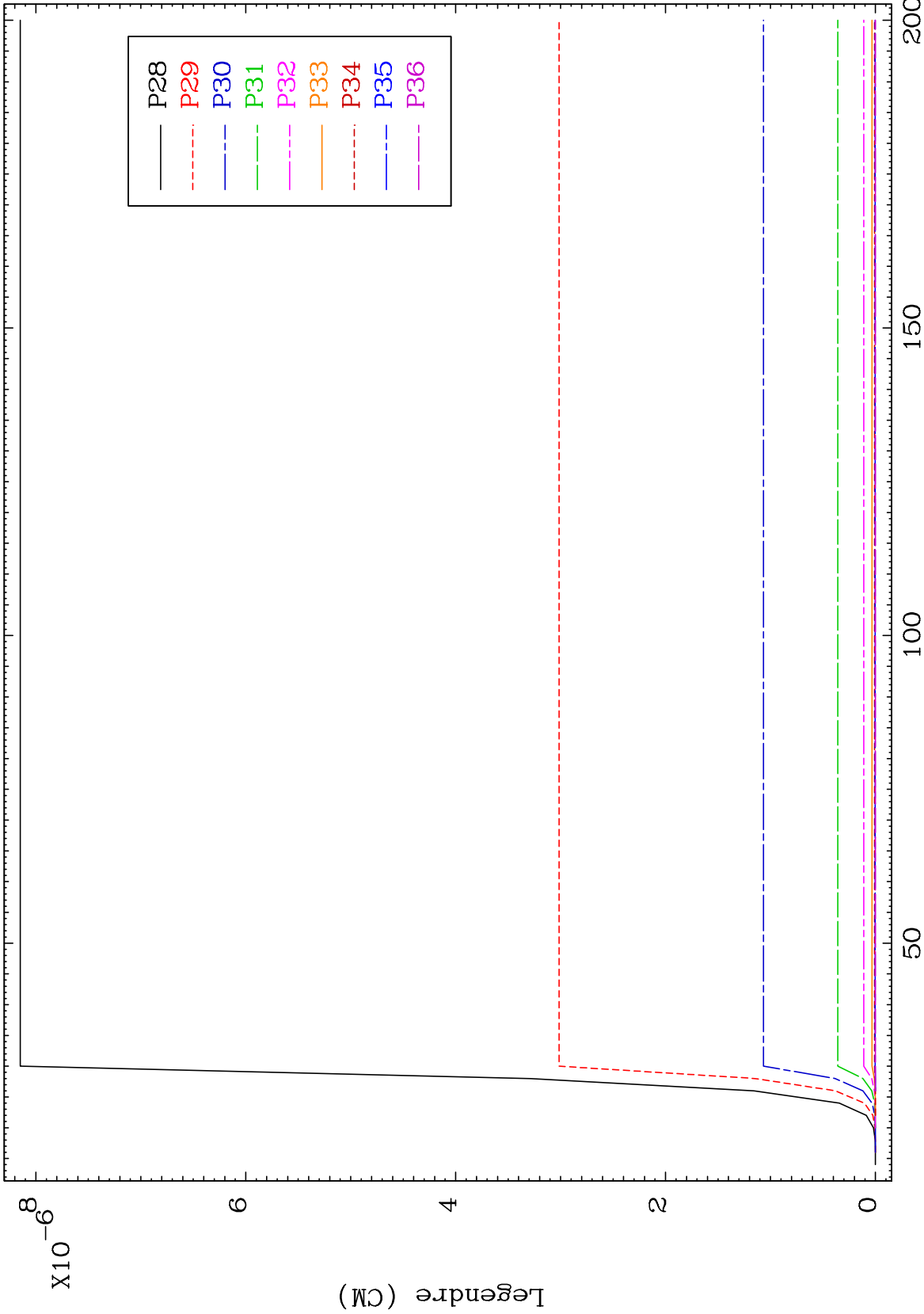
Incident Energy (MeV)

70-Yb-174

MAT 7043

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

70-Yb-174



124

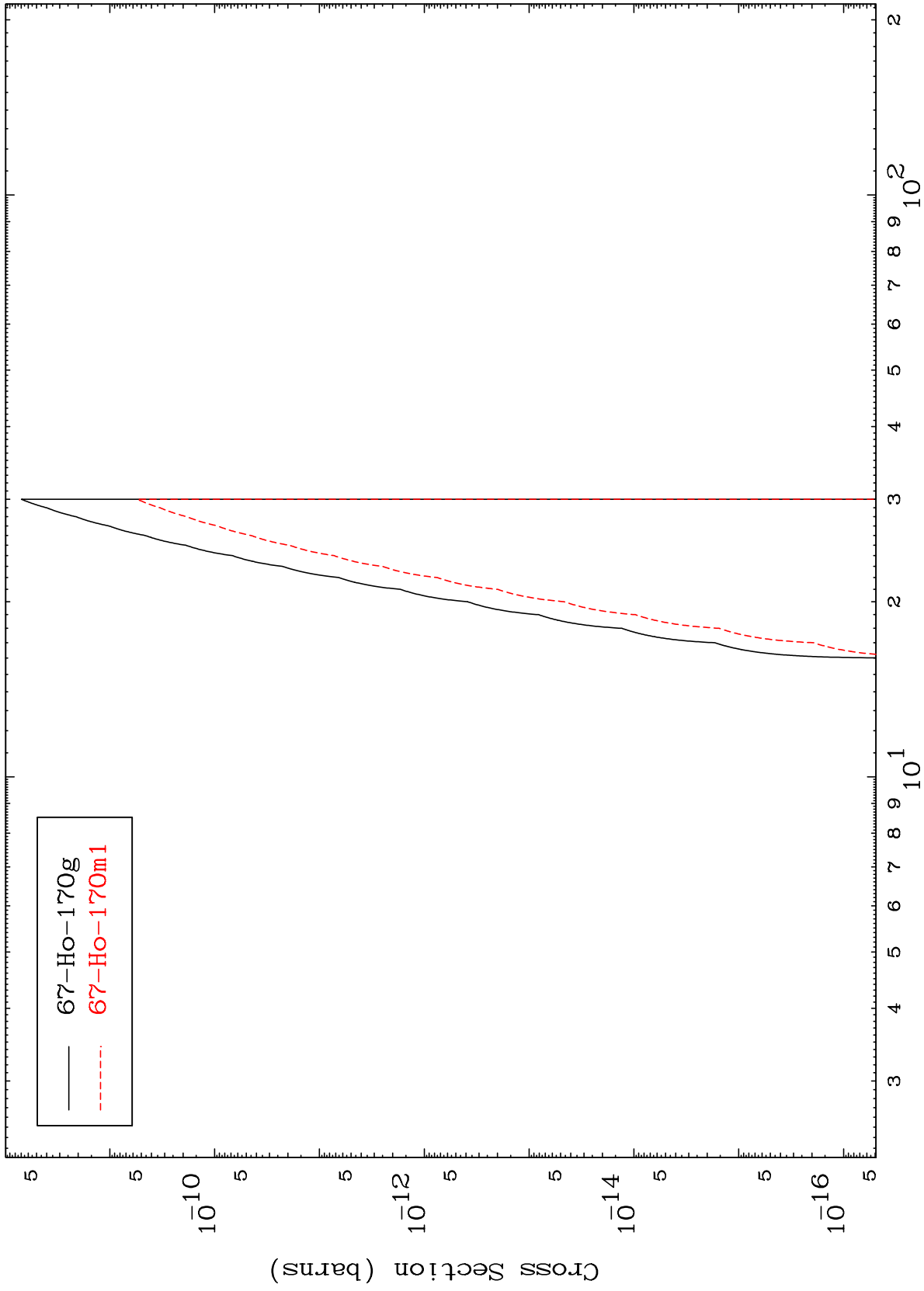
70-Yb-174

MAT 7043

(n,p) α

70-Yb-174

Radionuclide Production Cross Section



125

Incident Energy (MeV)

70-Yb-174