

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

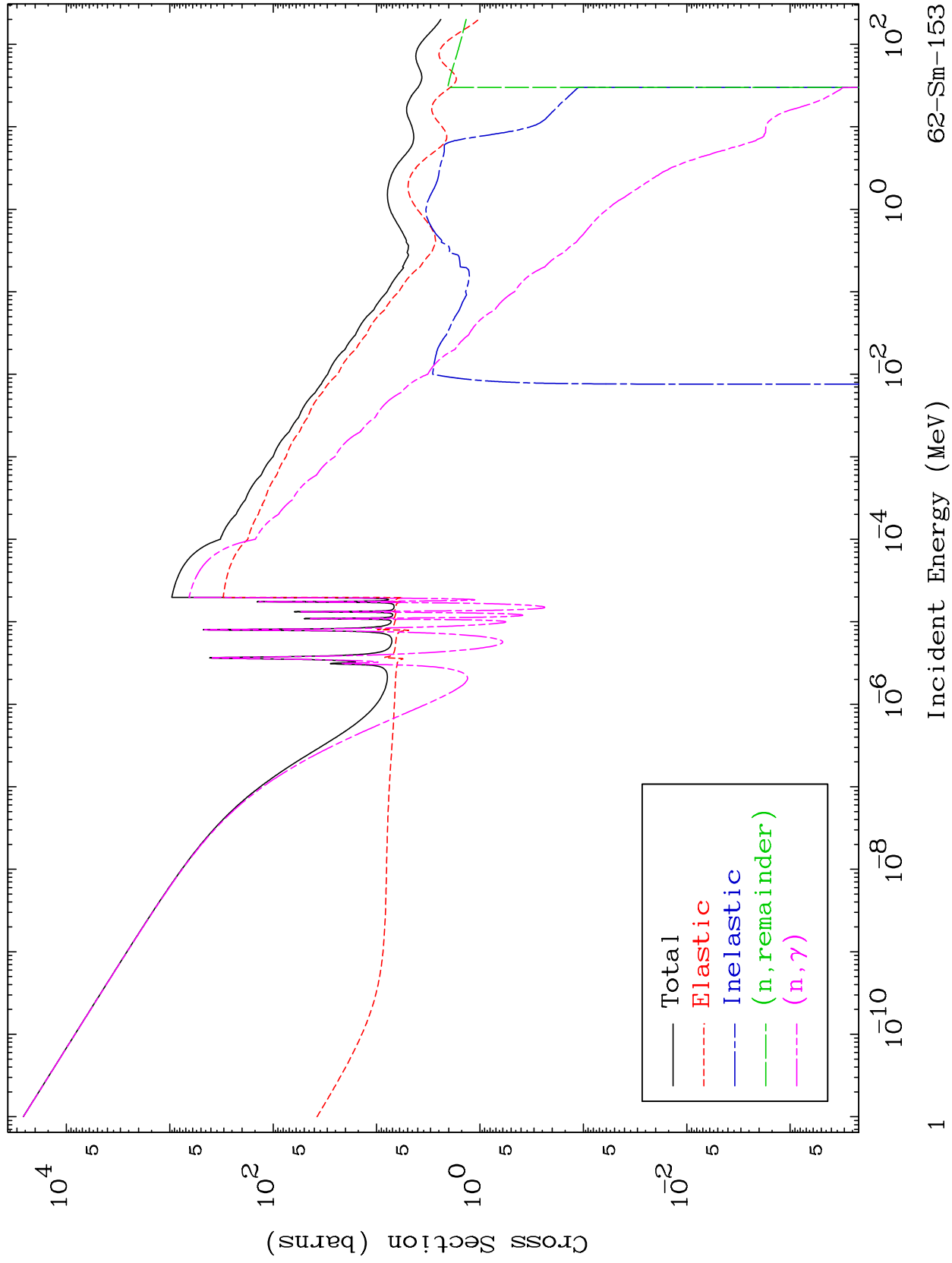
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6252

Major  
293 Kelvin Cross Sections

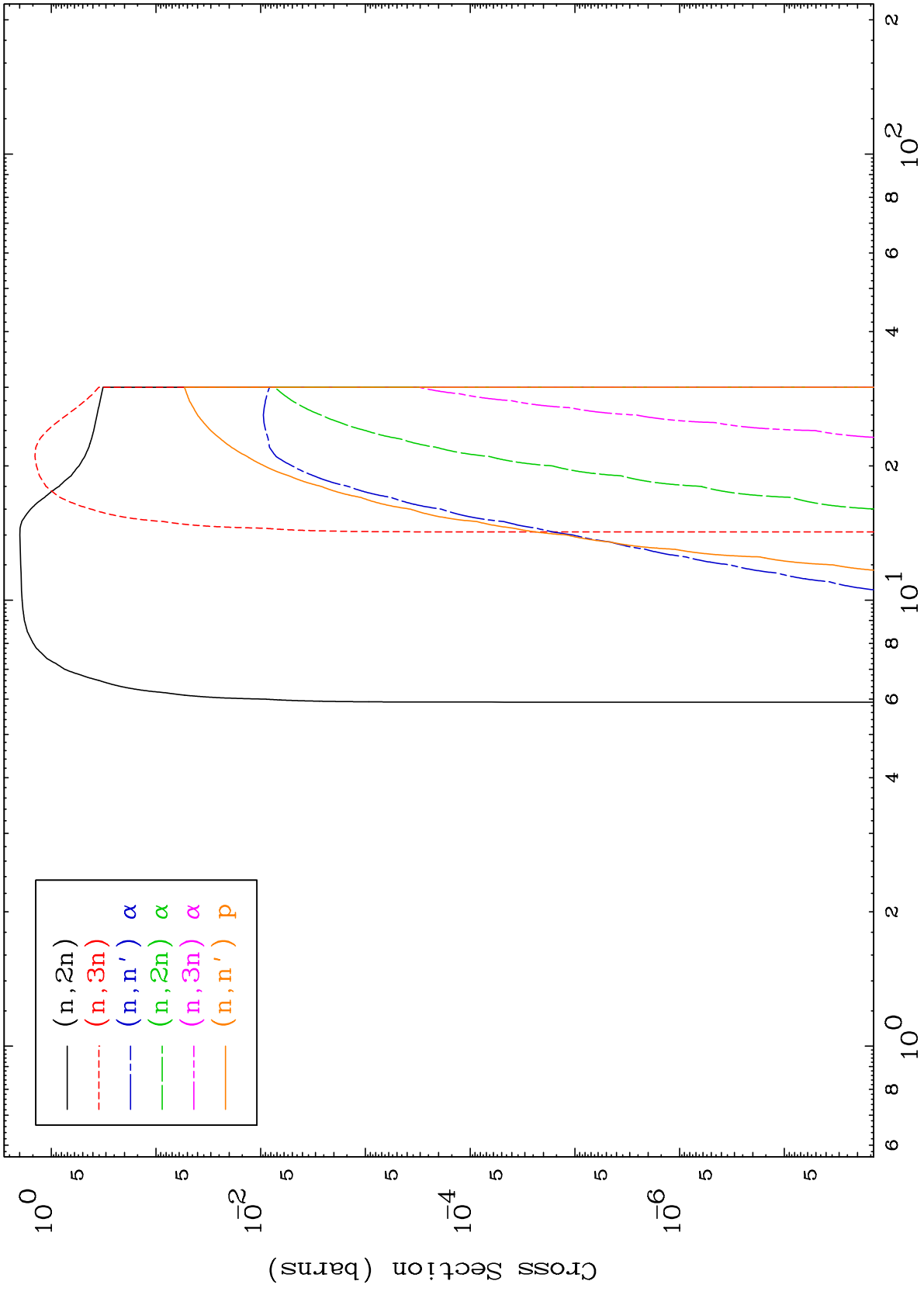
62-Sm-153



MAT 6252

Neutron Production  
293 Kelvin Cross Sections

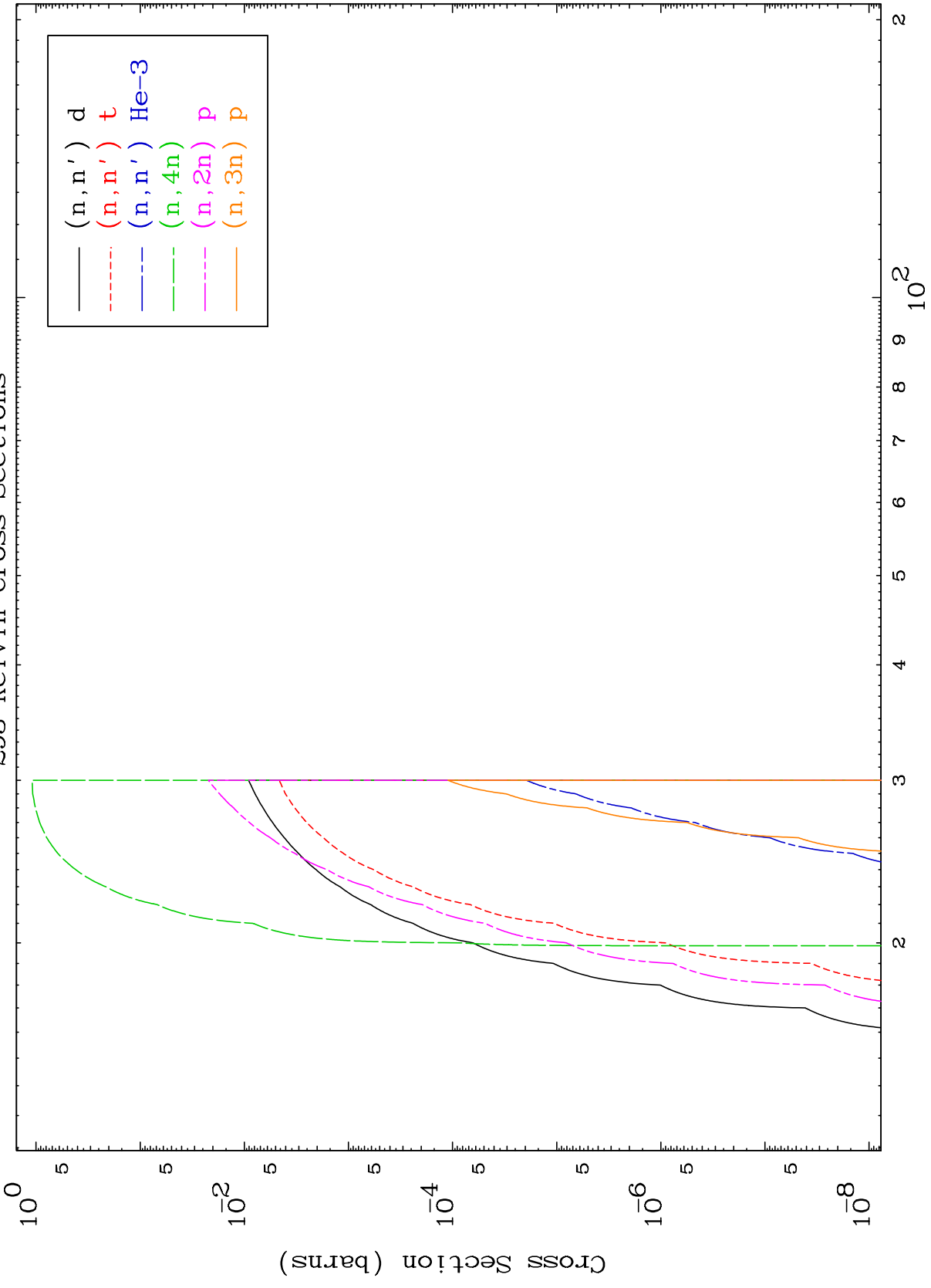
62-Sm-153



2

Incident Energy (MeV)

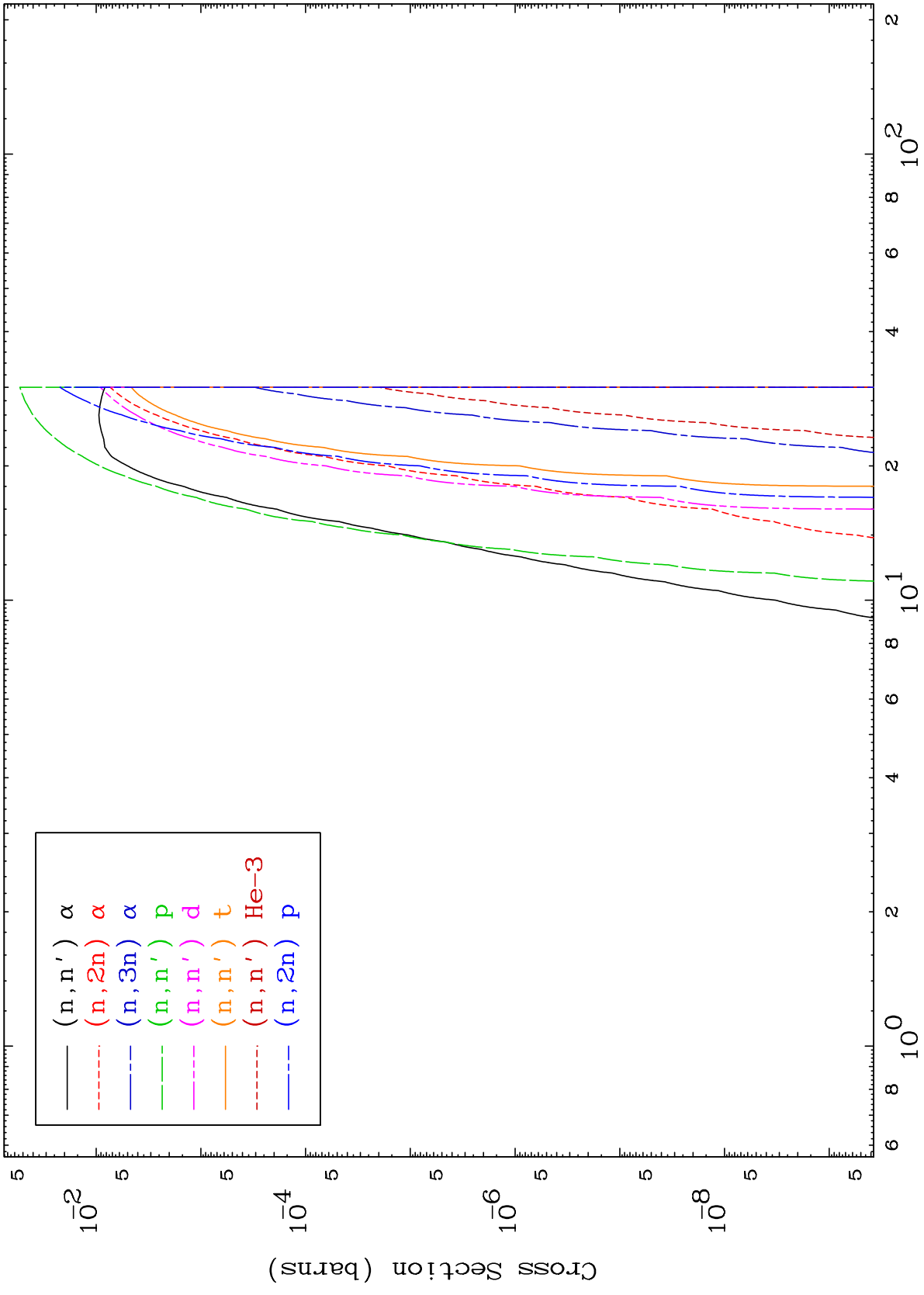
62-Sm-153



MAT 6252

293 Kelvin Cross Sections

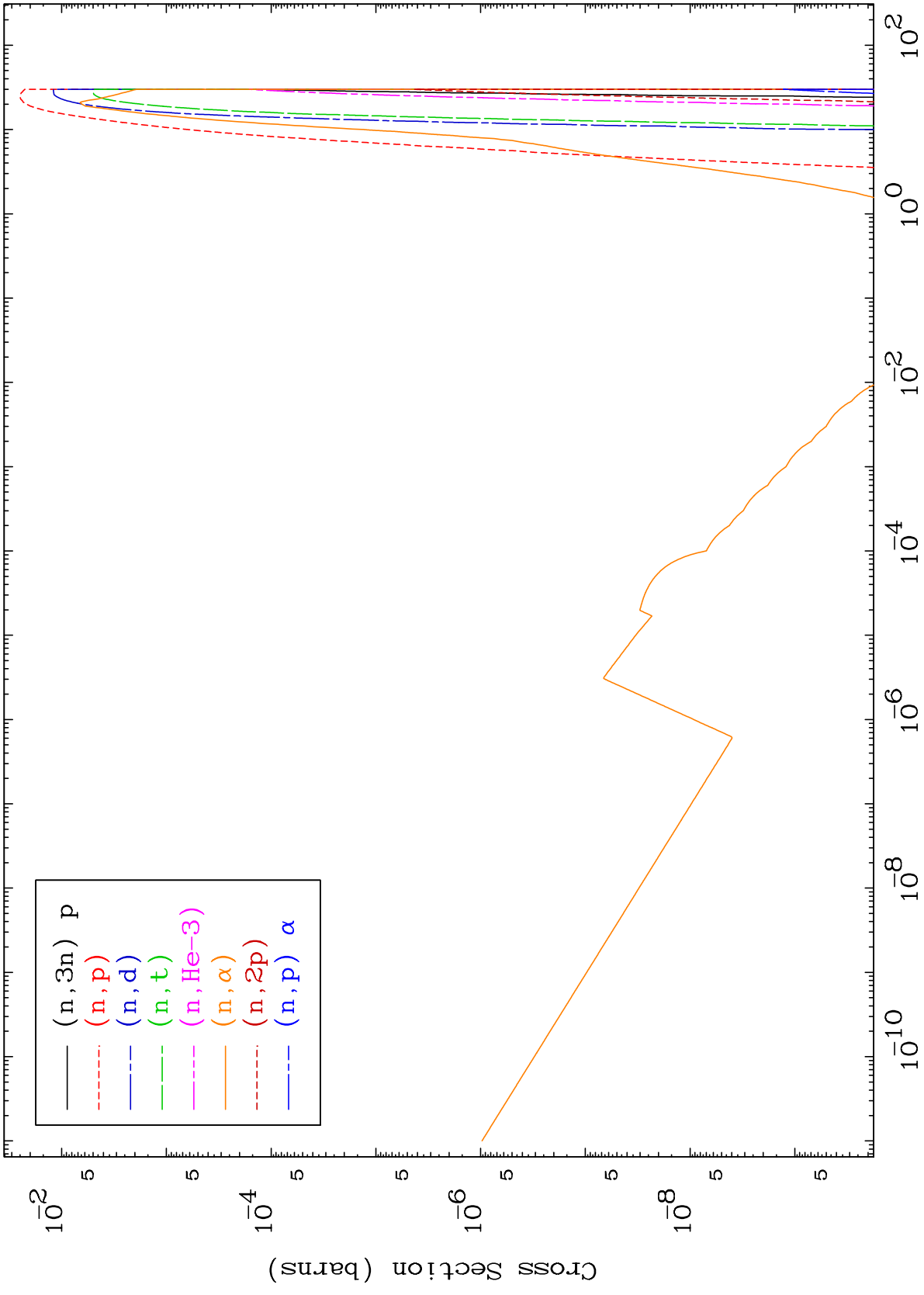
62-Sm-153



MAT 6252

Charged Particle  
293 Kelvin Cross Sections

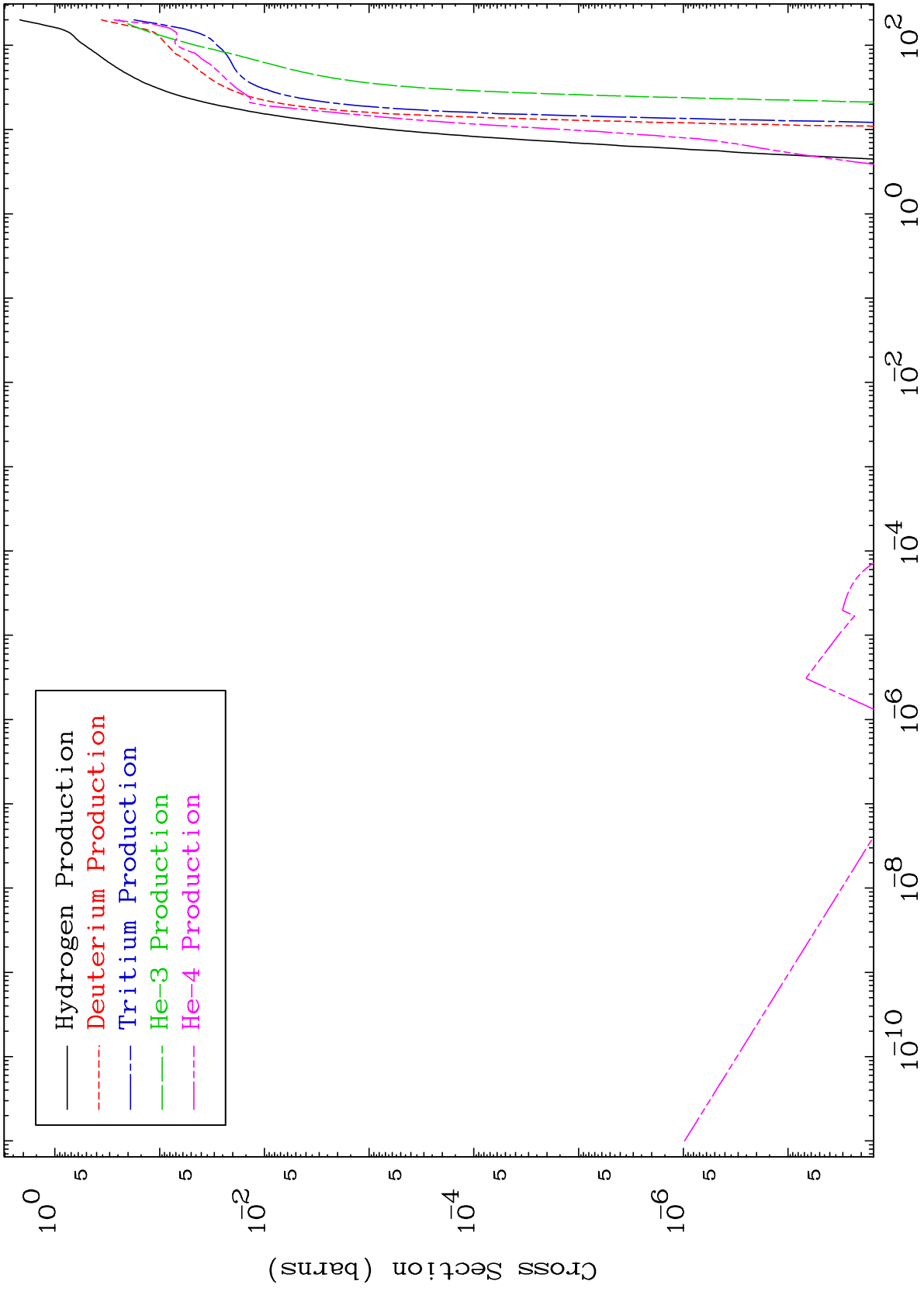
62-Sm-153



MAT 6252

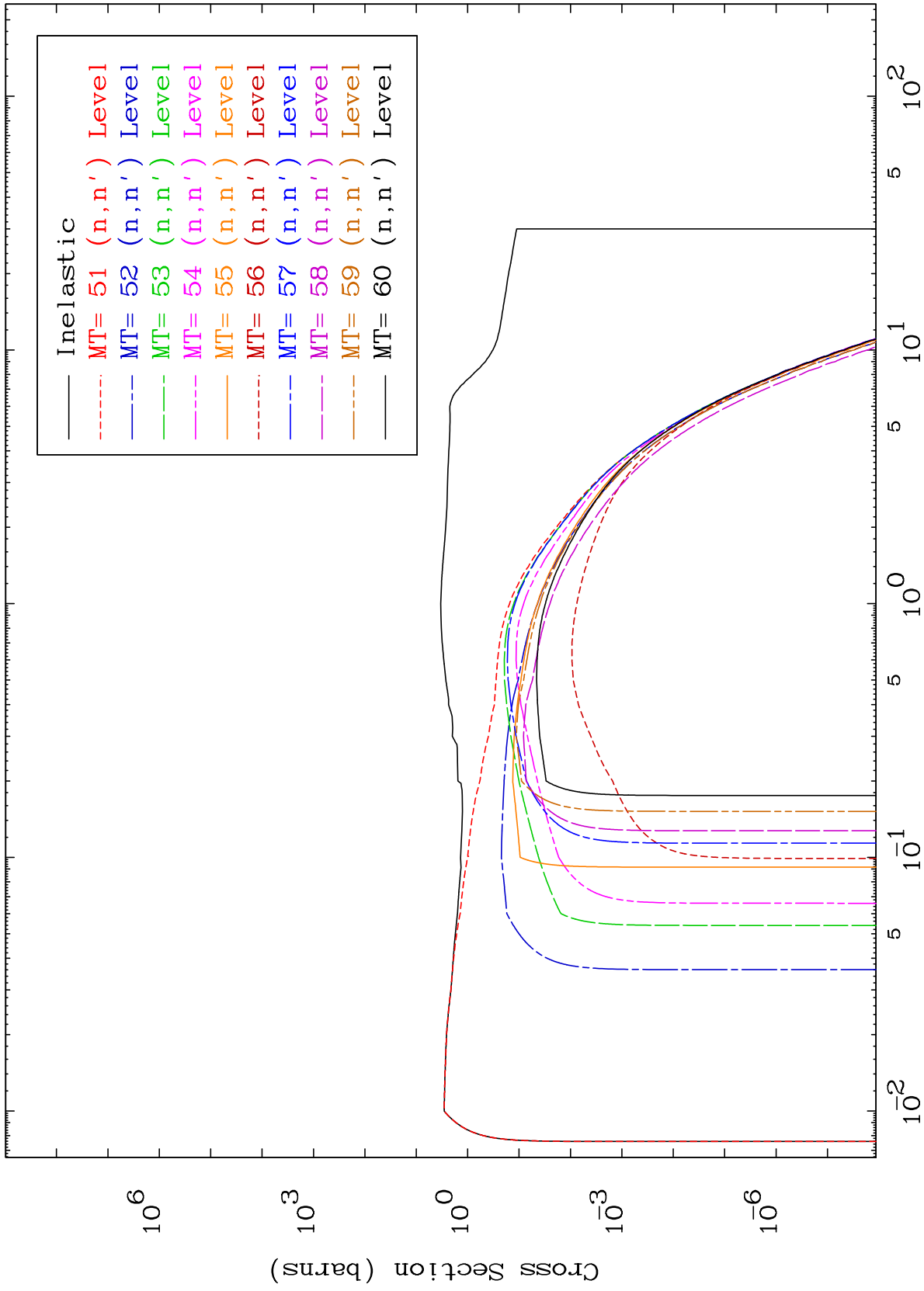
Particle Production  
293 Kelvin Cross Sections

62-Sm-153



6

62-Sm-153

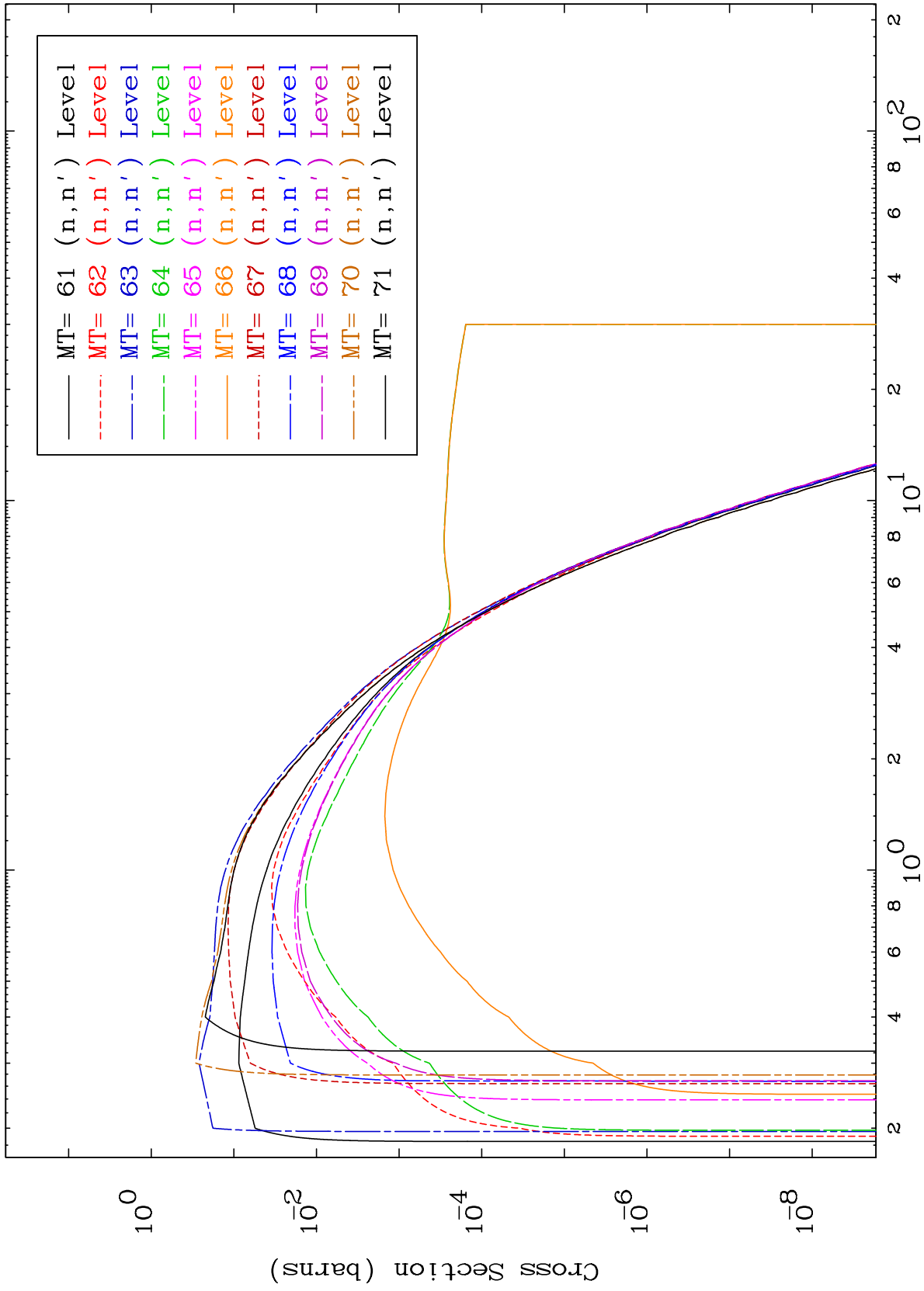




MAT 6252

(n,n') Level  
293 Kelvin Cross Sections

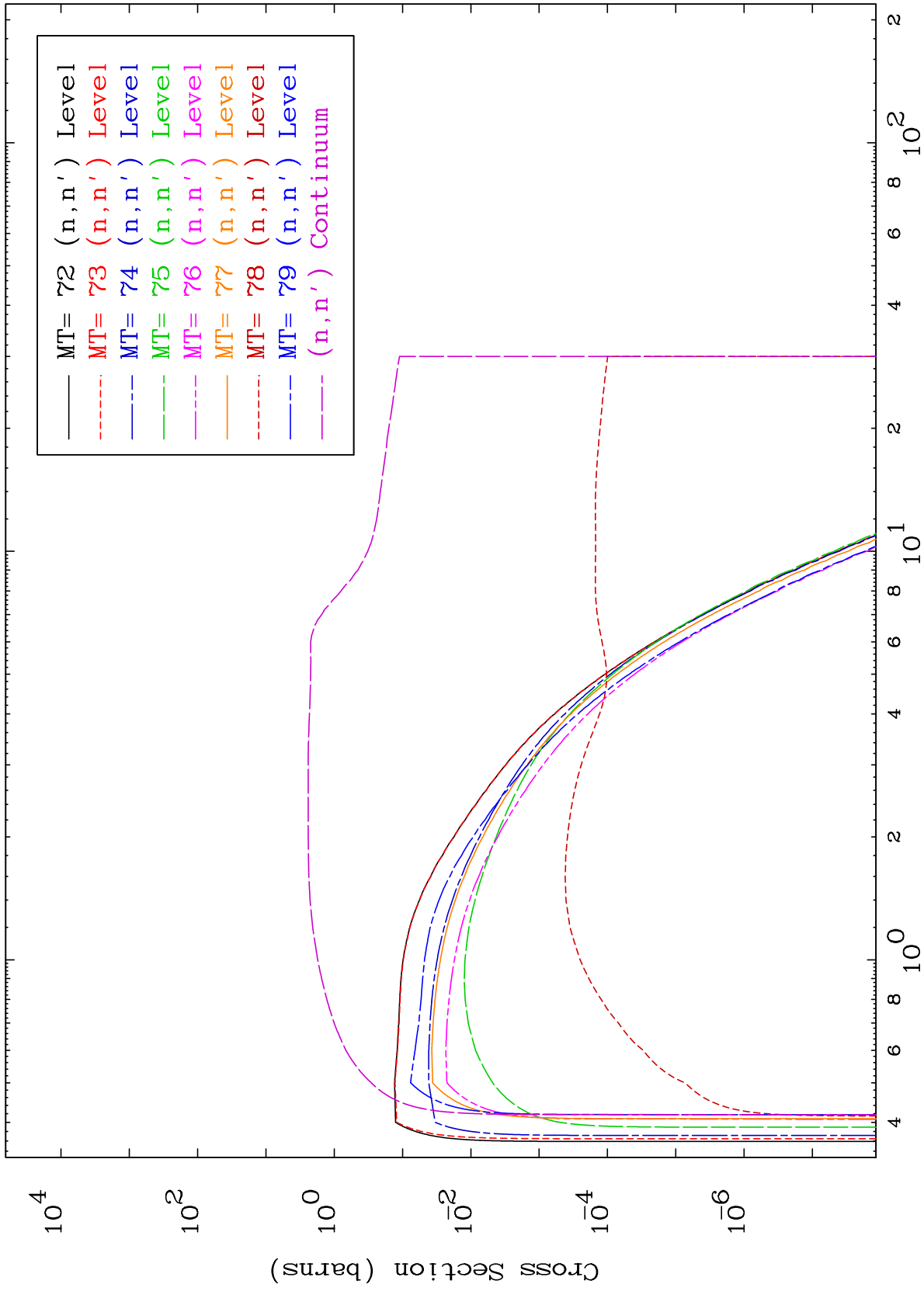
62-Sm-153



8

Incident Energy (MeV)

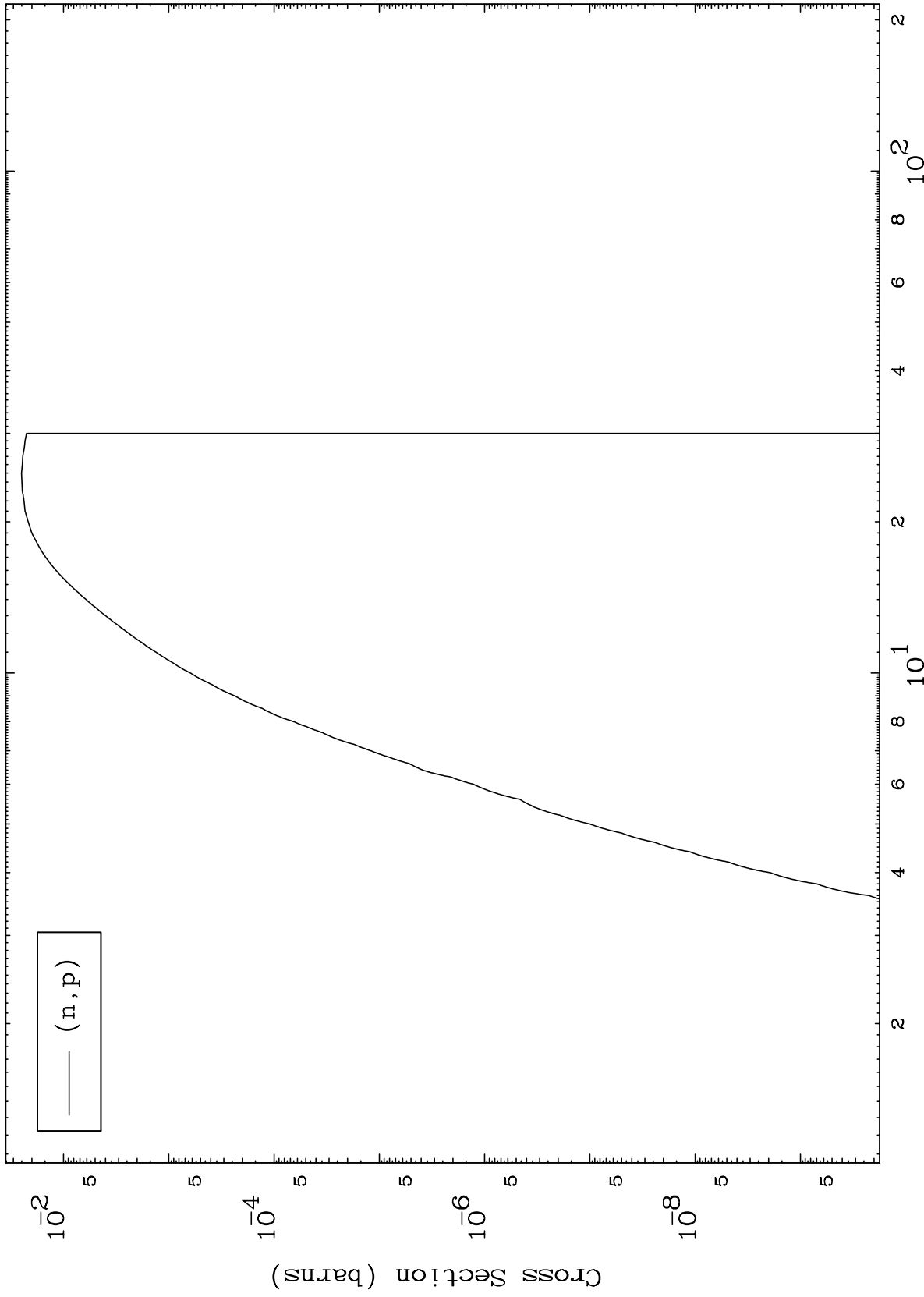
62-Sm-153



MAT 6252

(n,p) Levels  
293 Kelvin Cross Sections

62-Sm-153



10

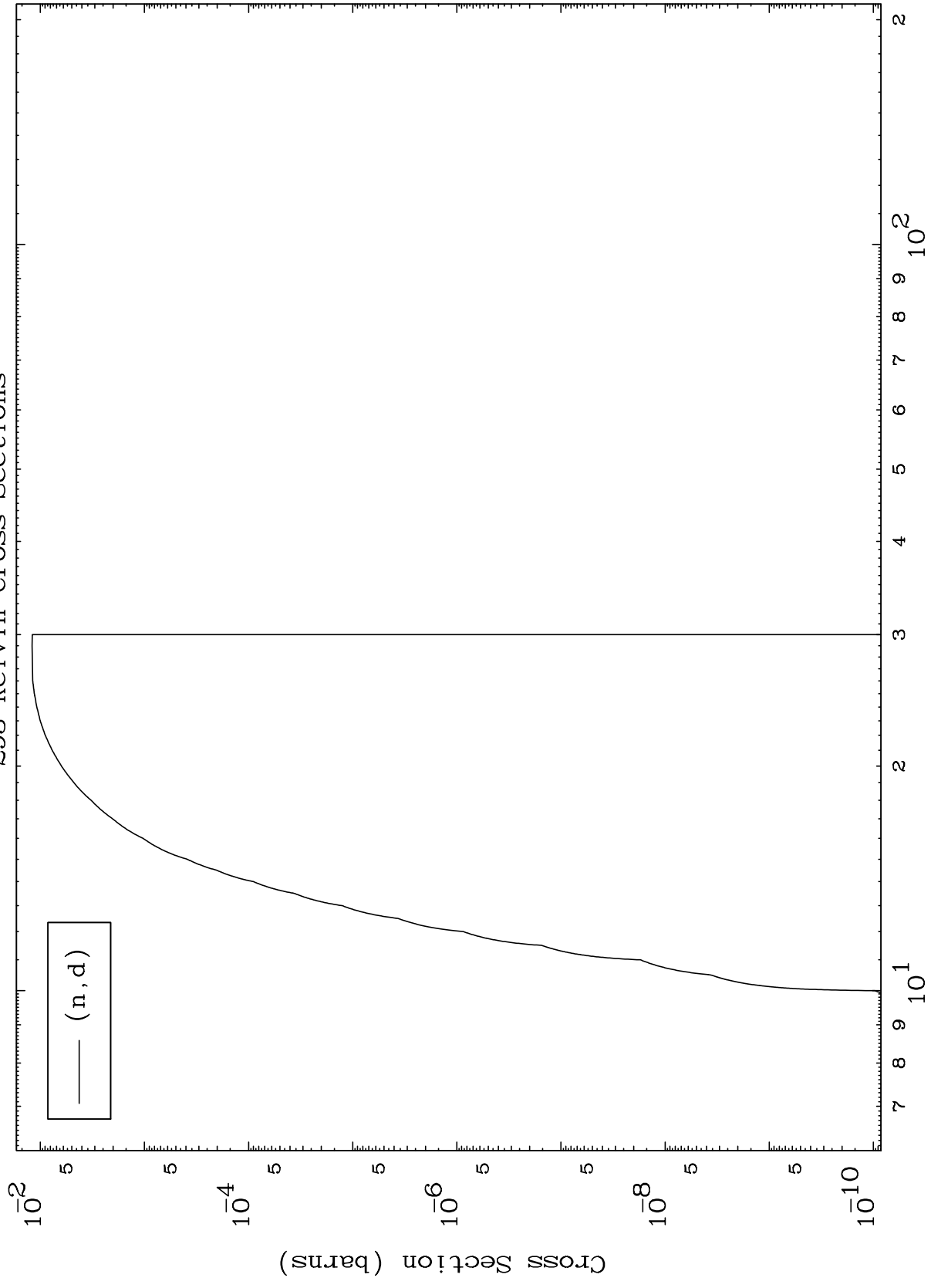
Incident Energy (MeV)

62-Sm-153

MAT 6252

(n,d) Levels  
293 Kelvin Cross Sections

62-Sm-153



11

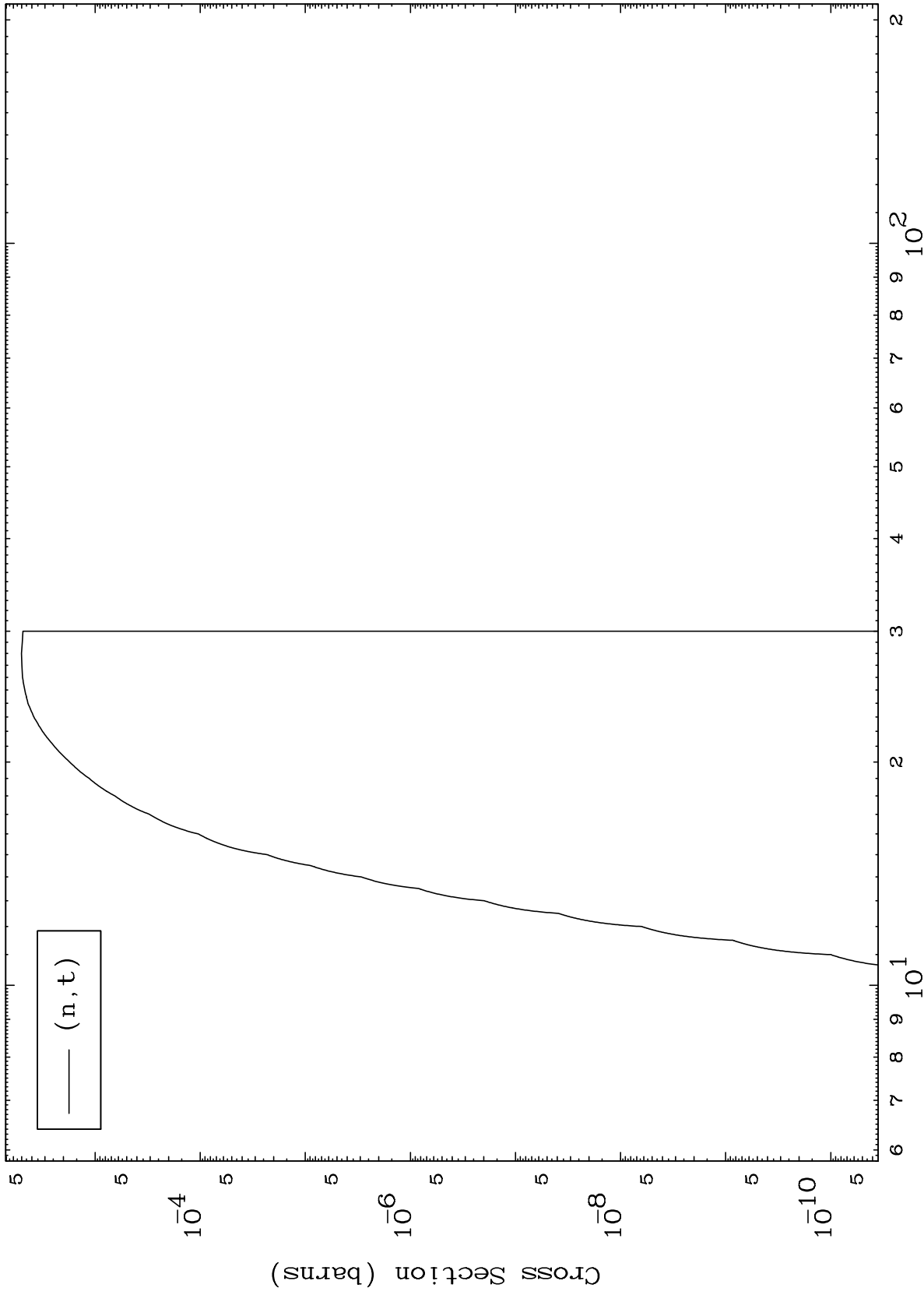
Incident Energy (MeV)

62-Sm-153

MAT 6252

(n,t) Levels  
293 Kelvin Cross Sections

62-Sm-153



12

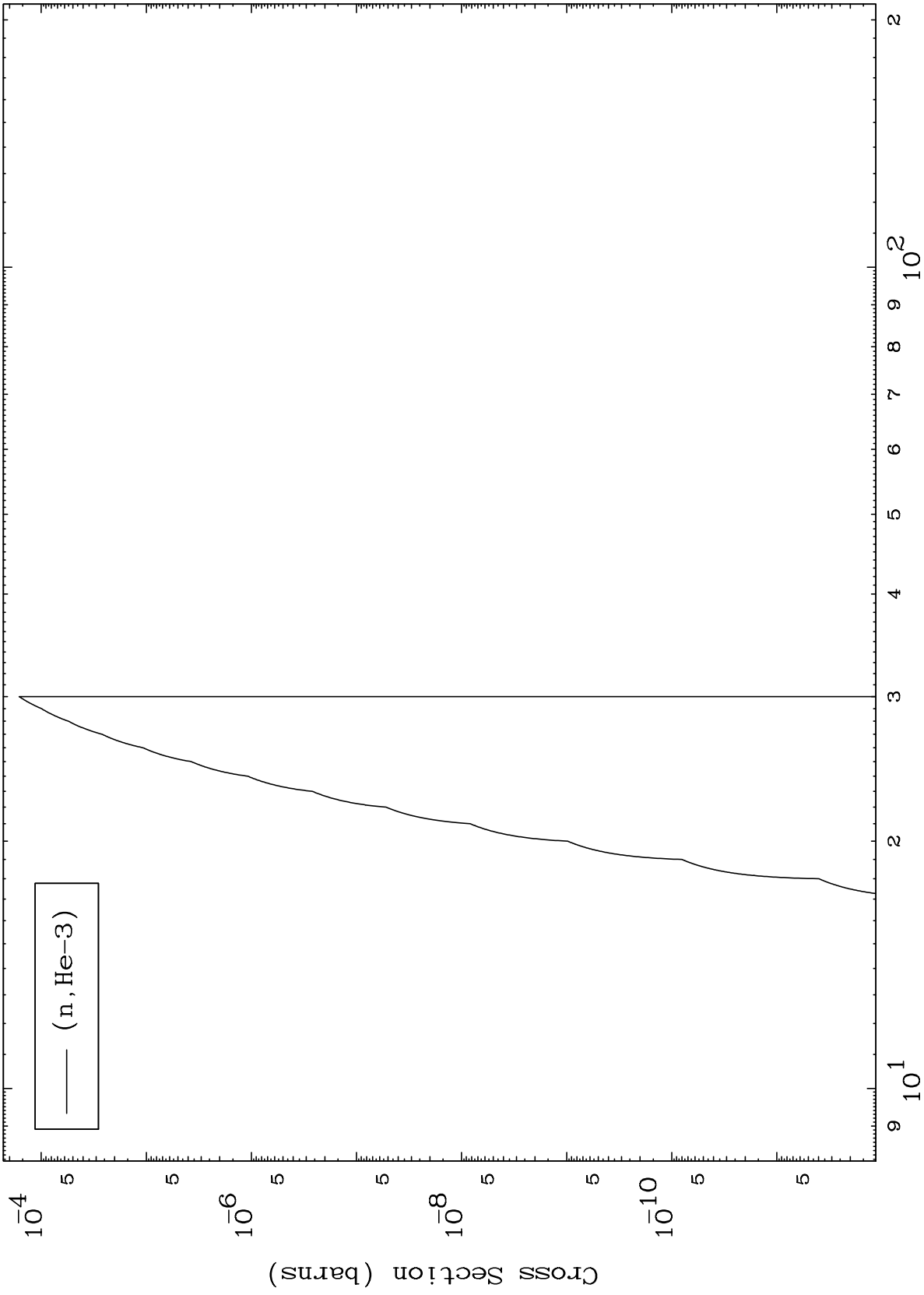
Incident Energy (MeV)

62-Sm-153

MAT 6252

62-Sm-153

(n,He3) Levels  
293 Kelvin Cross Sections



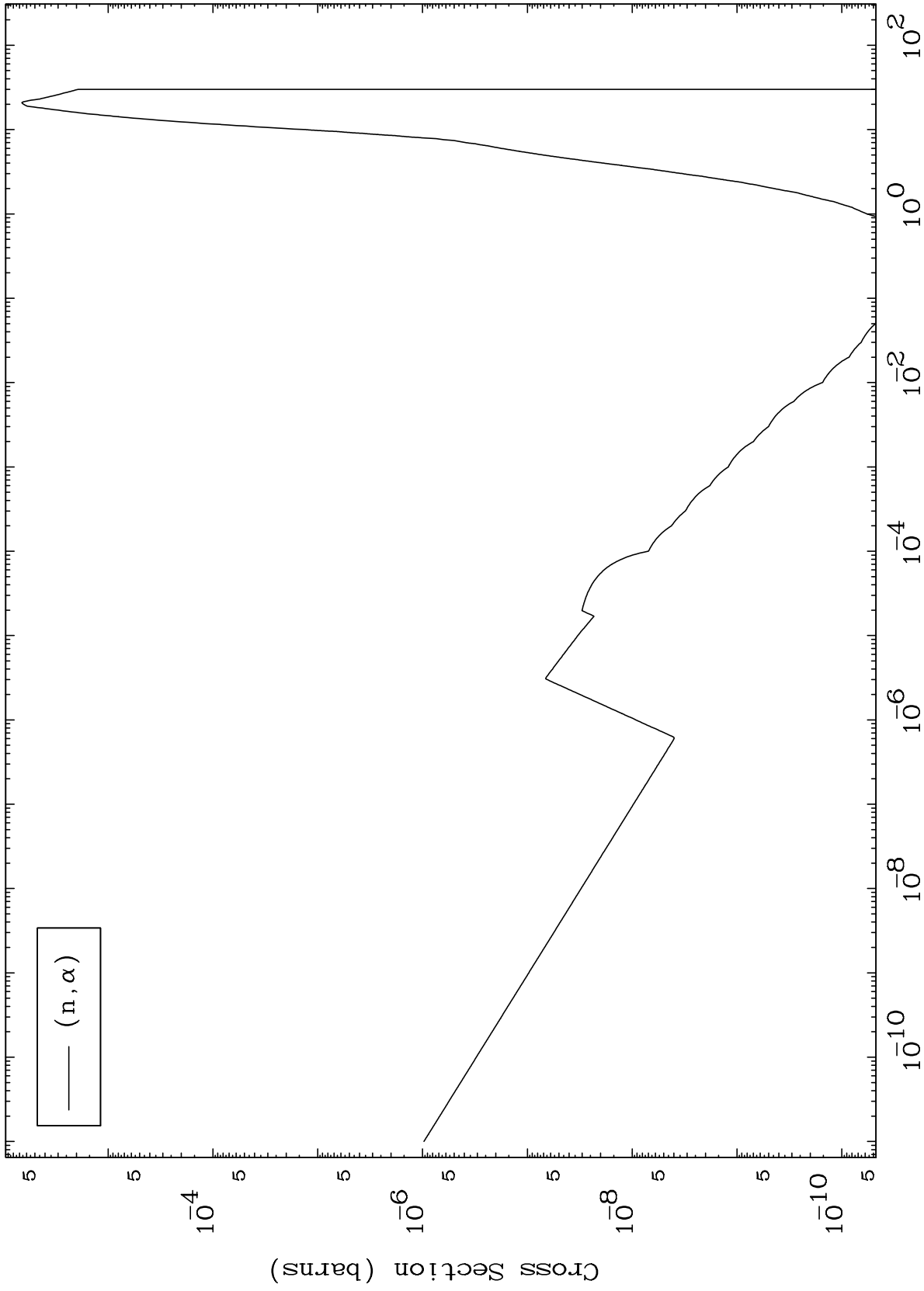
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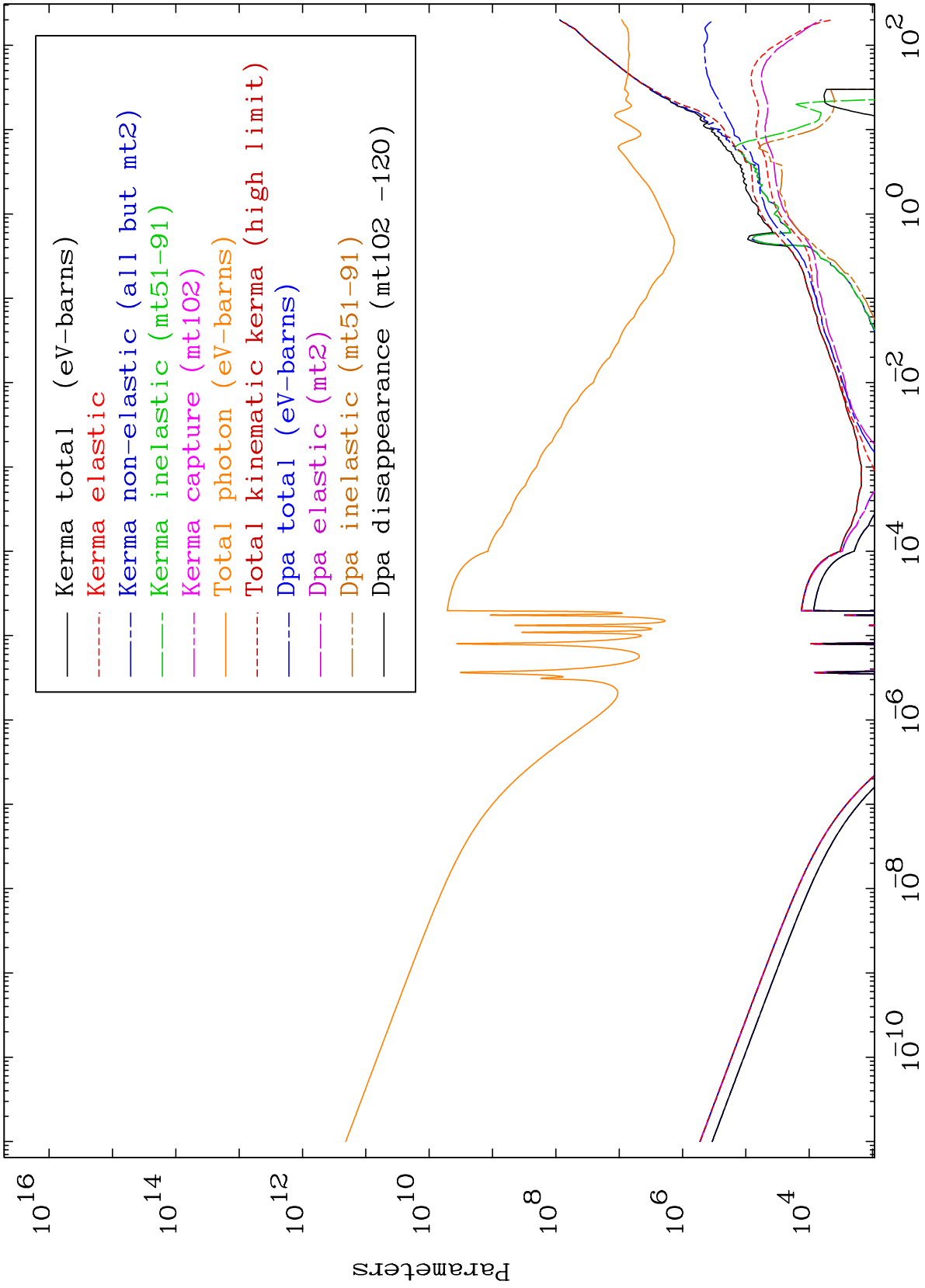
62-Sm-153

MAT 6252

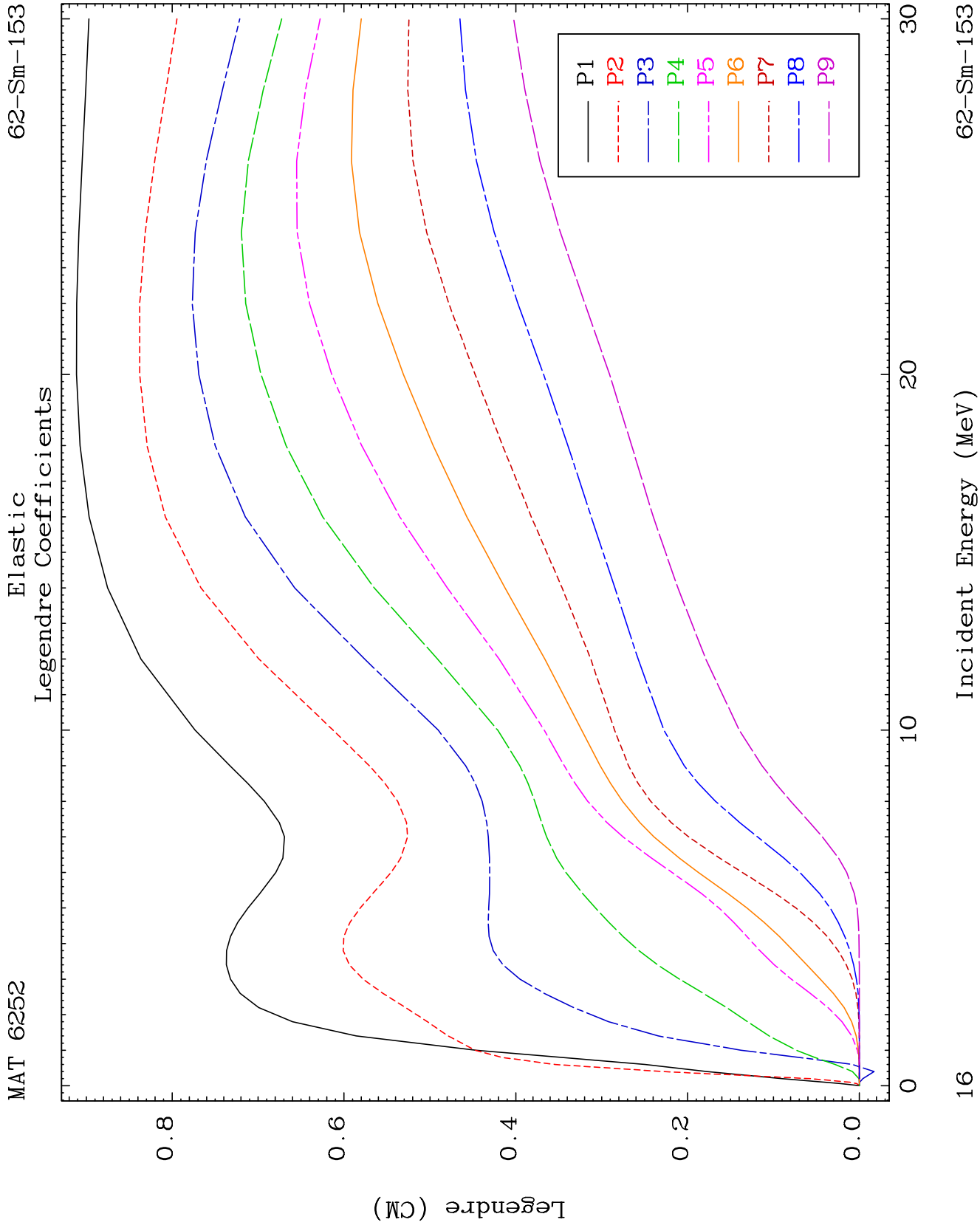
(n,α) Levels  
293 Kelvin Cross Sections

62-Sm-153





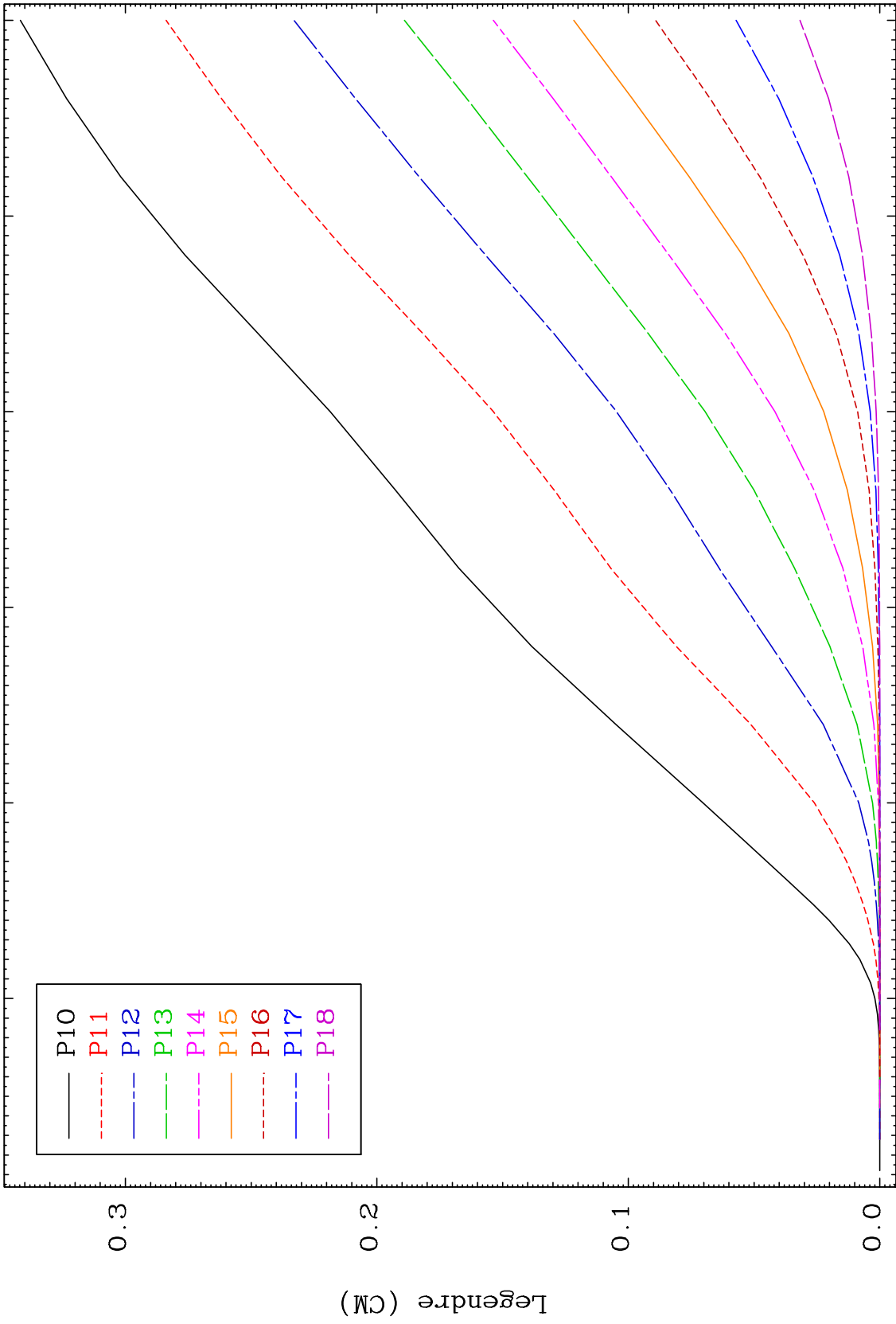




MAT 6252

Elastic Legendre Coefficients

62-Sm-153



17

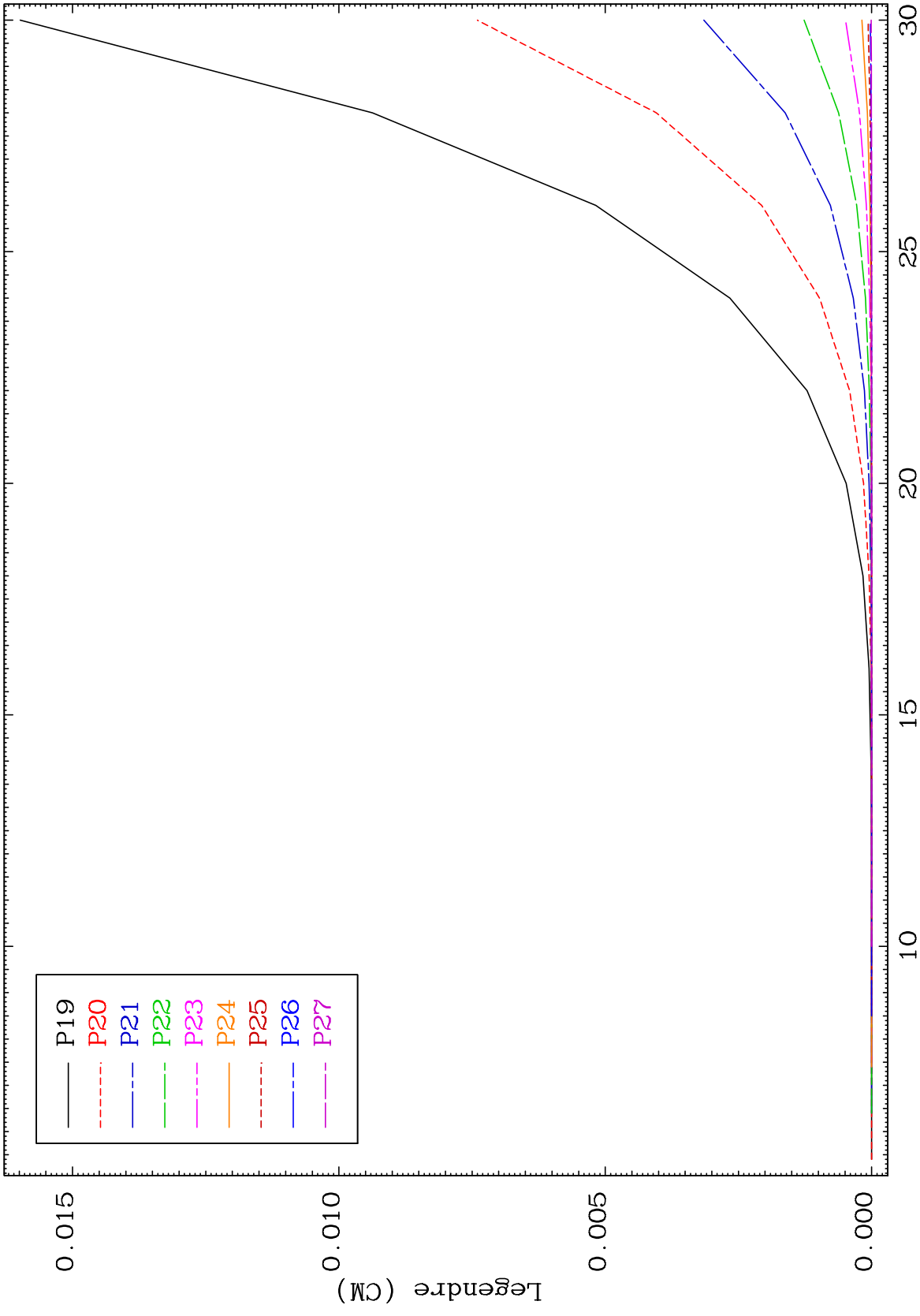
Incident Energy (MeV)

62-Sm-153

MAT 6252

### Elastic Legendre Coefficients

62-Sm-153



18

Incident Energy (MeV)

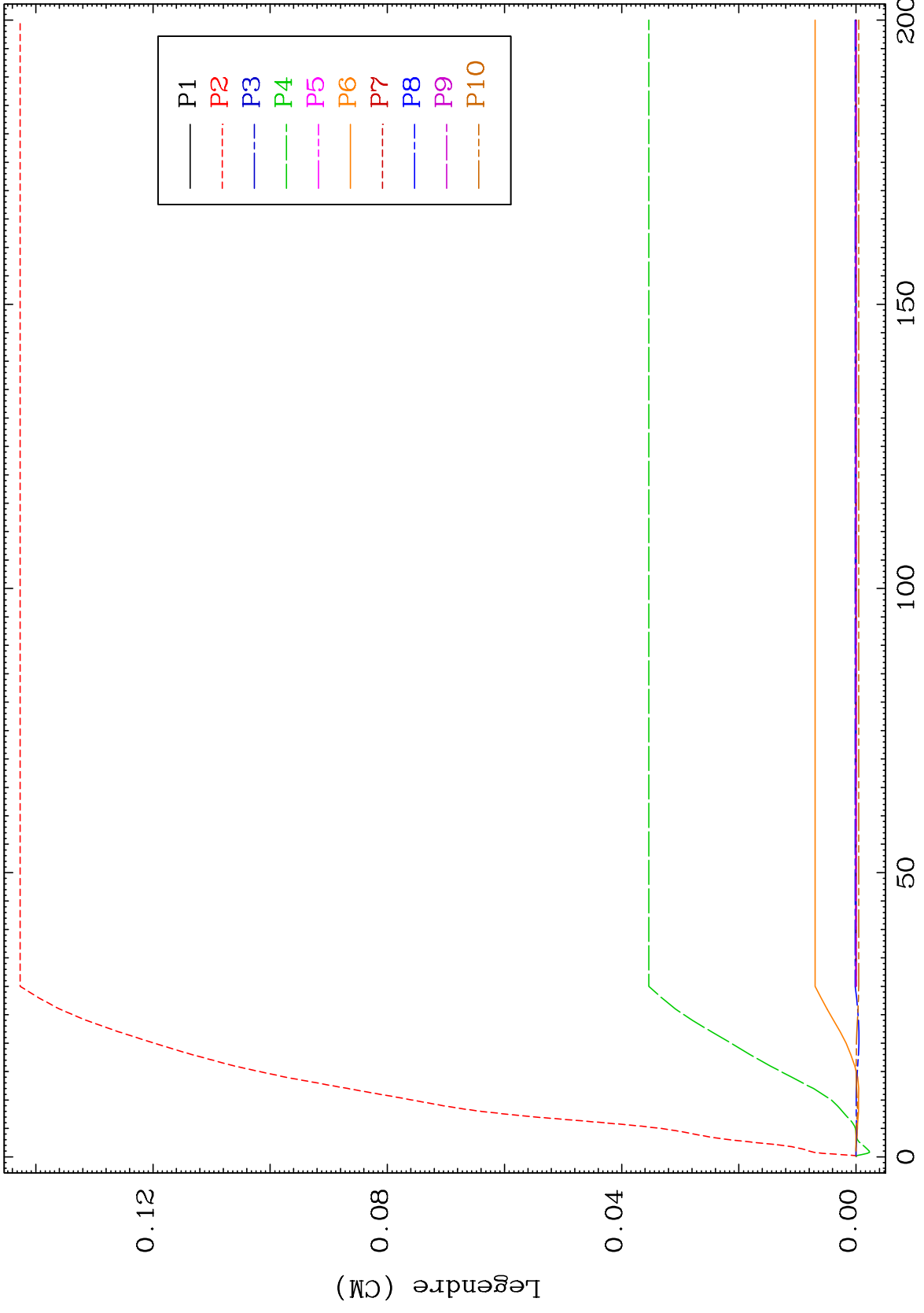
62-Sm-153



MAT 6252

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

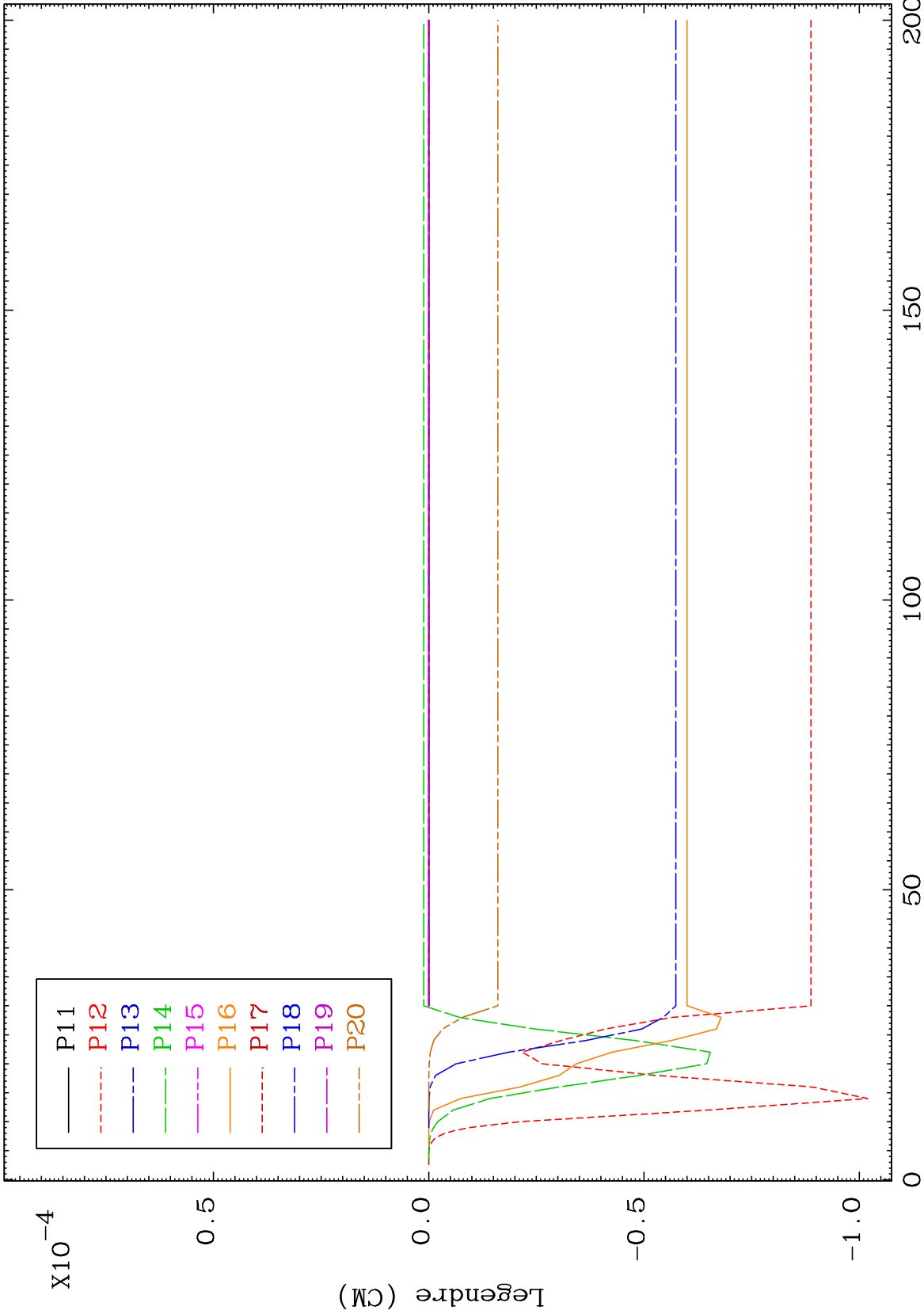
62-Sm-153



62-Sm-153

Incident Energy (MeV)

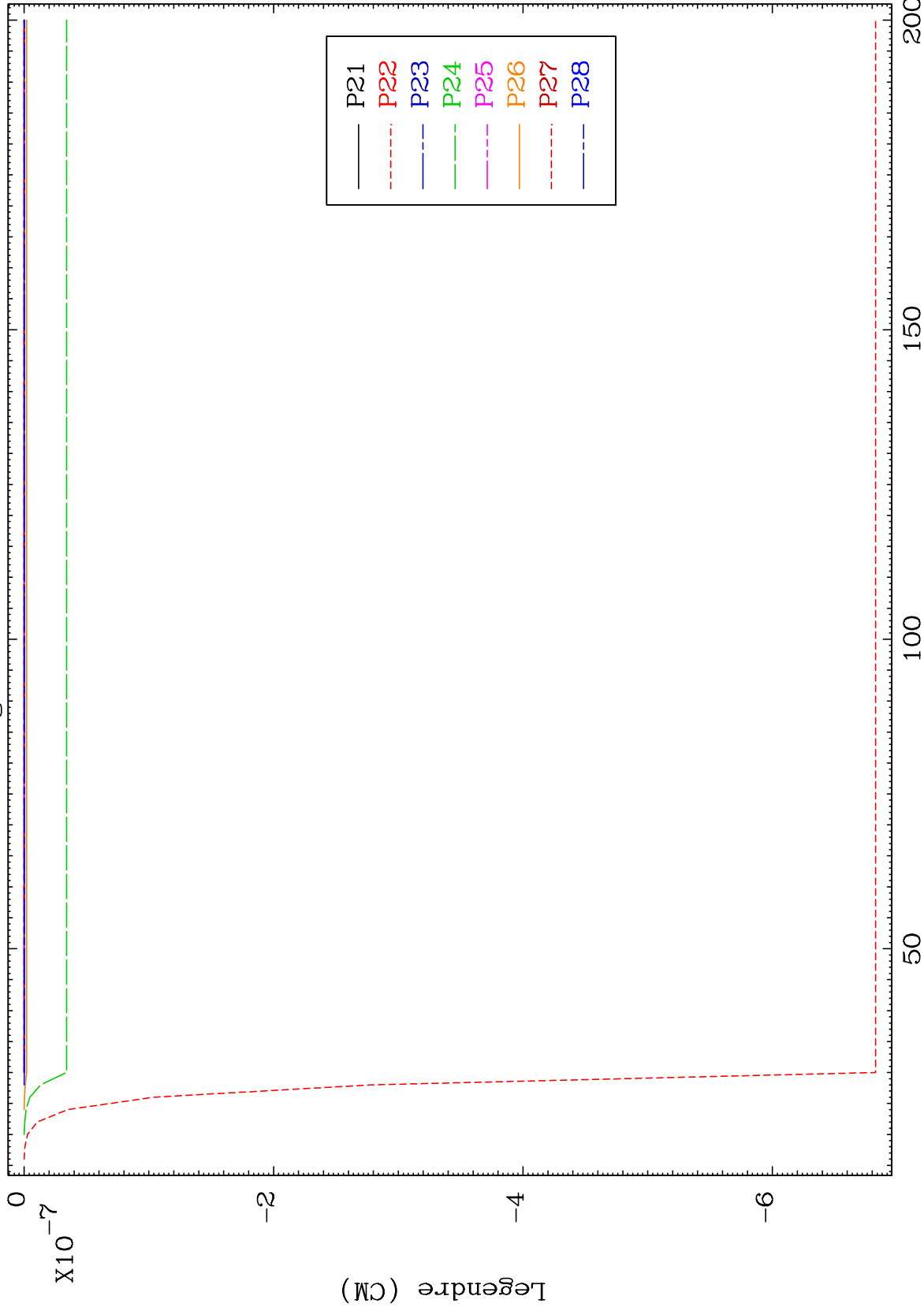
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MAT 6252

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

62-Sm-153



22

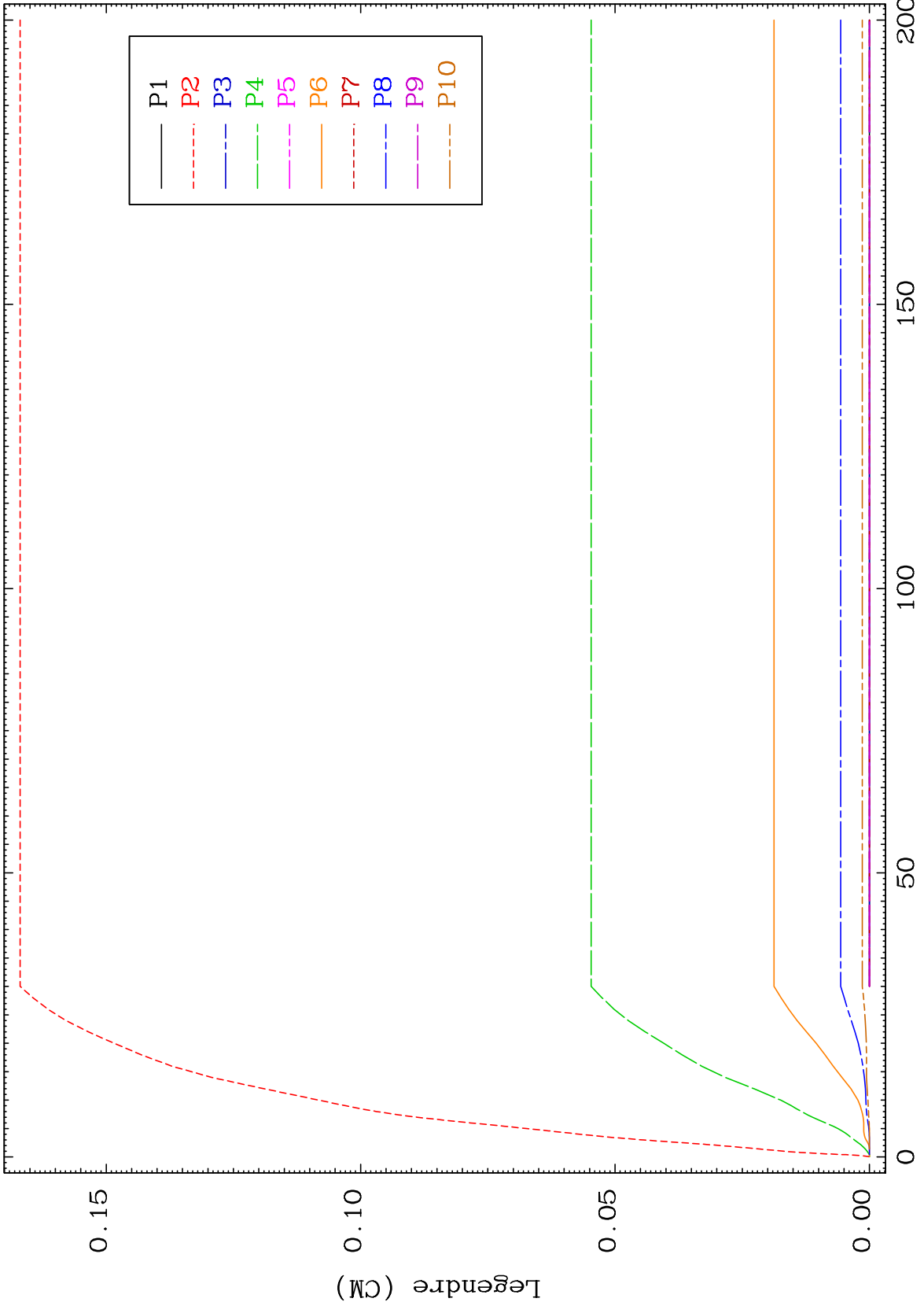
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



23

Incident Energy (MeV)

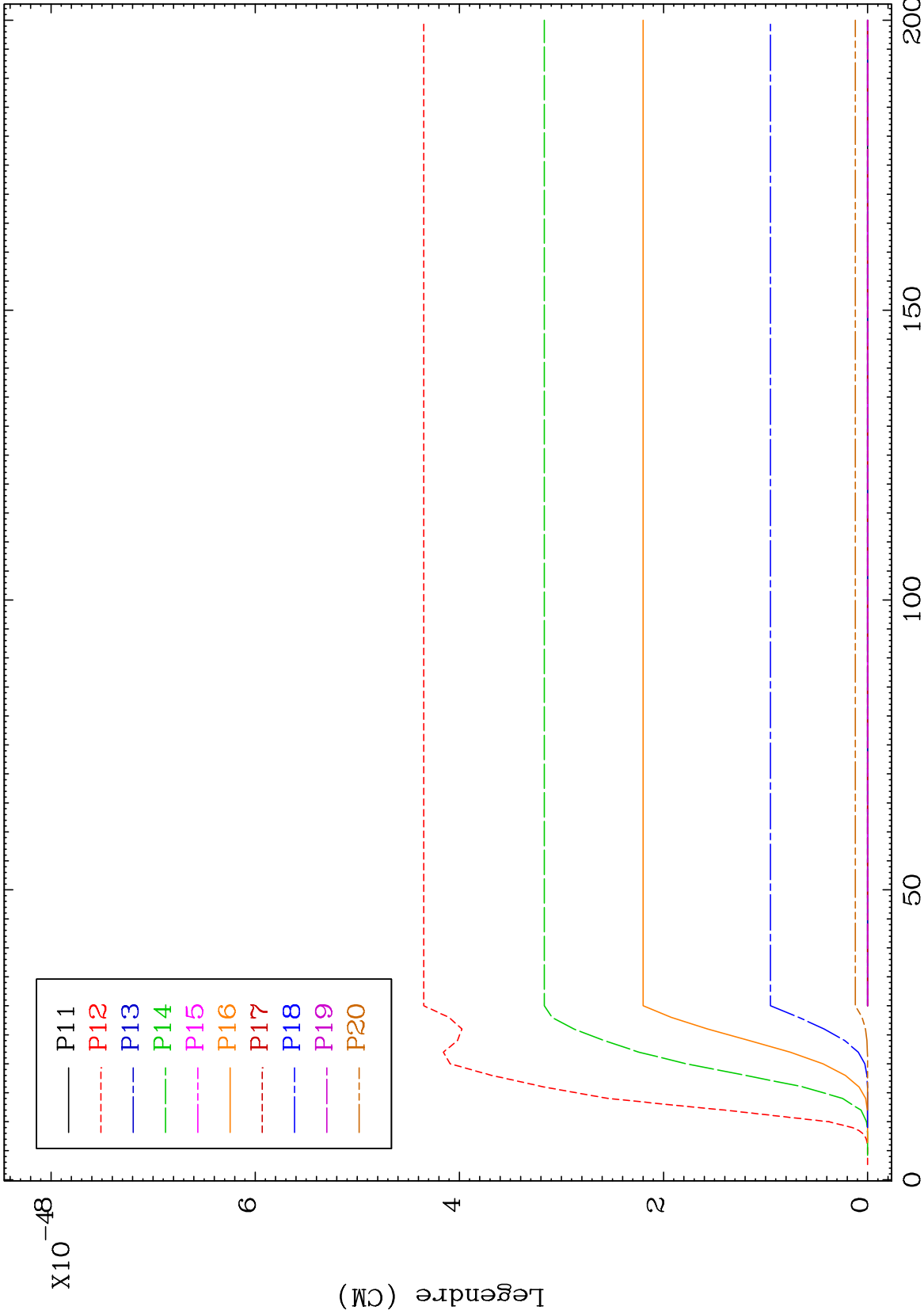
62-Sm-153



MAT 6252

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

62-Sm-153



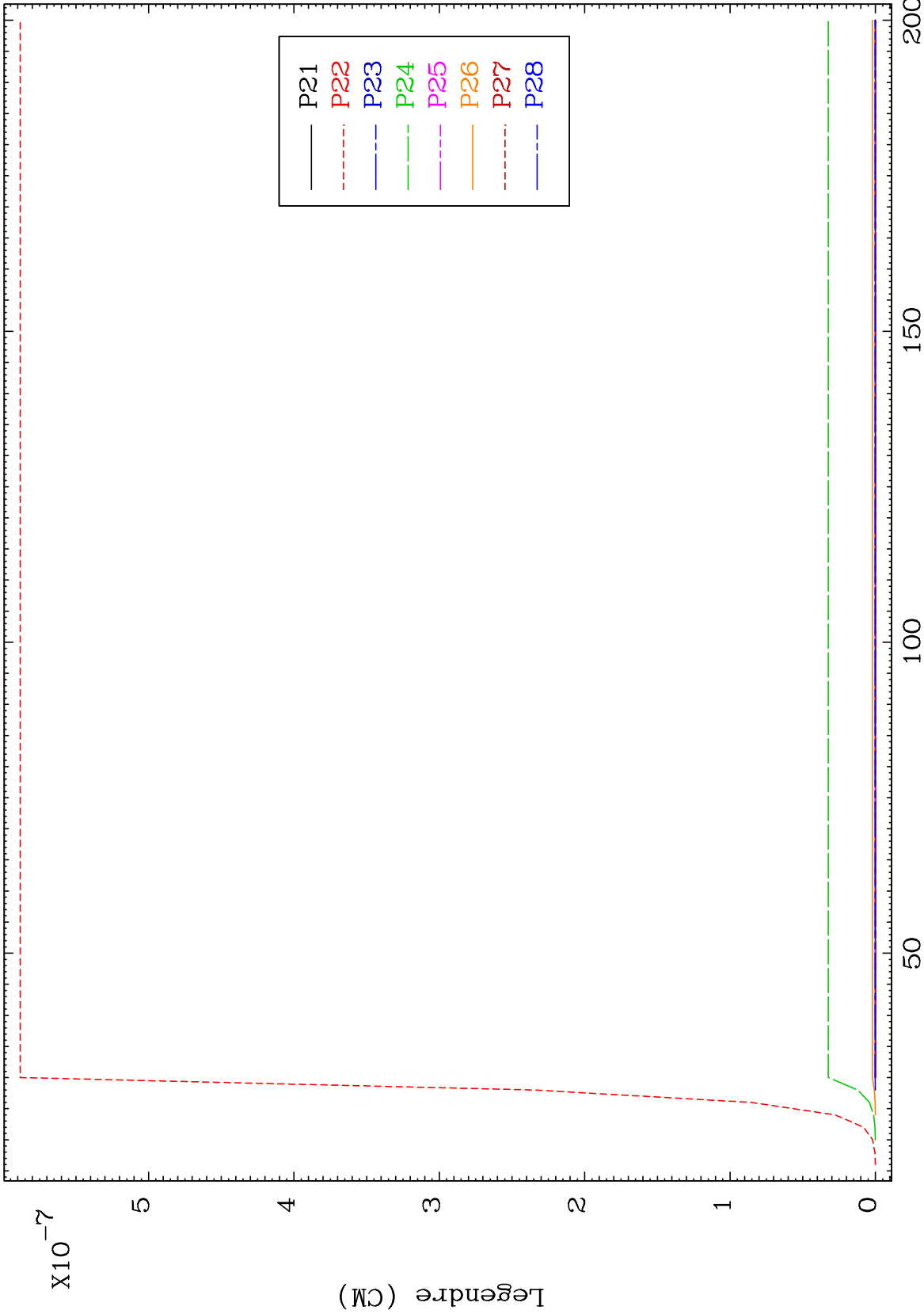
24

62-Sm-153

MAT 6252

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

62-Sm-153



25

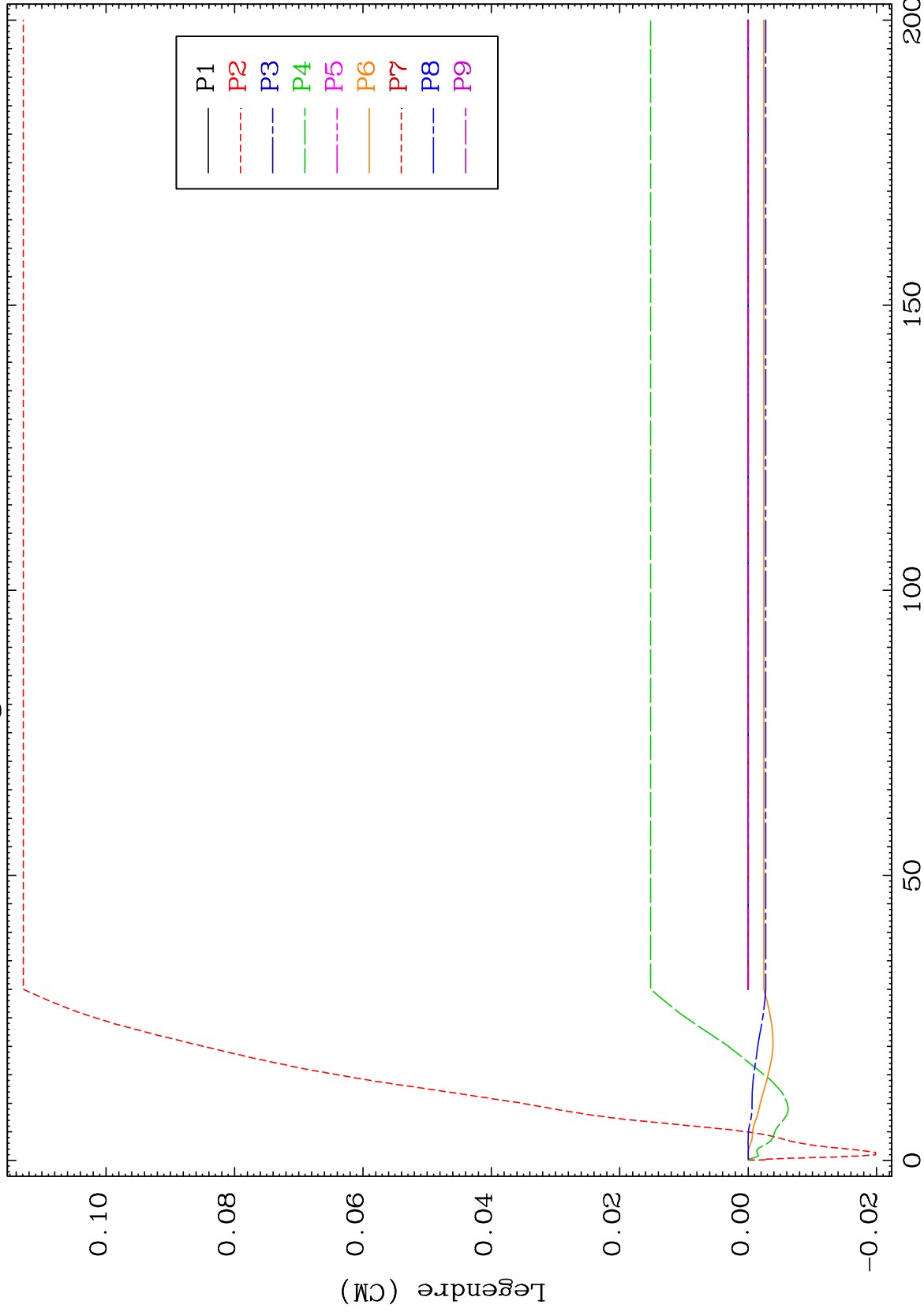
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



26

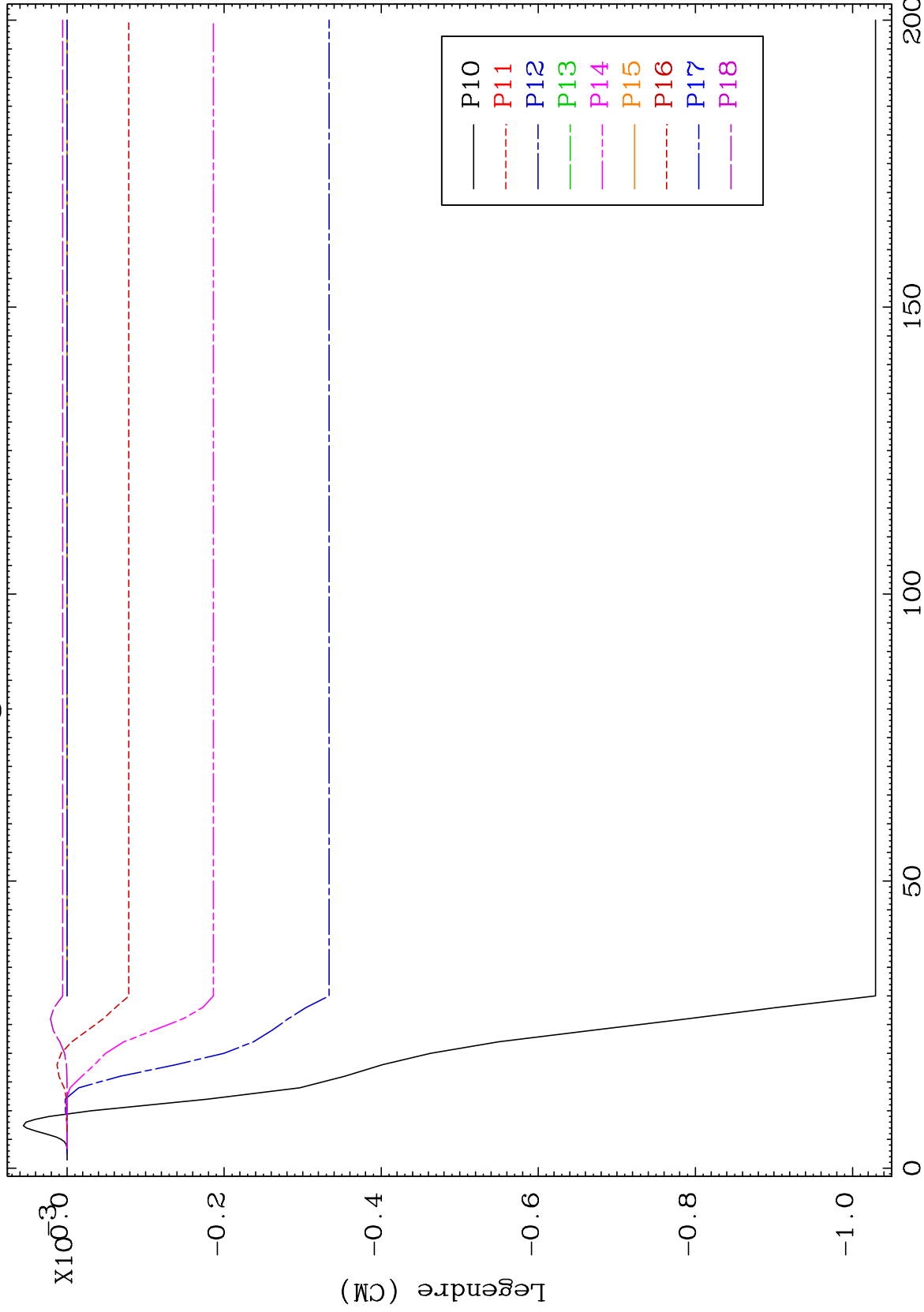
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



27

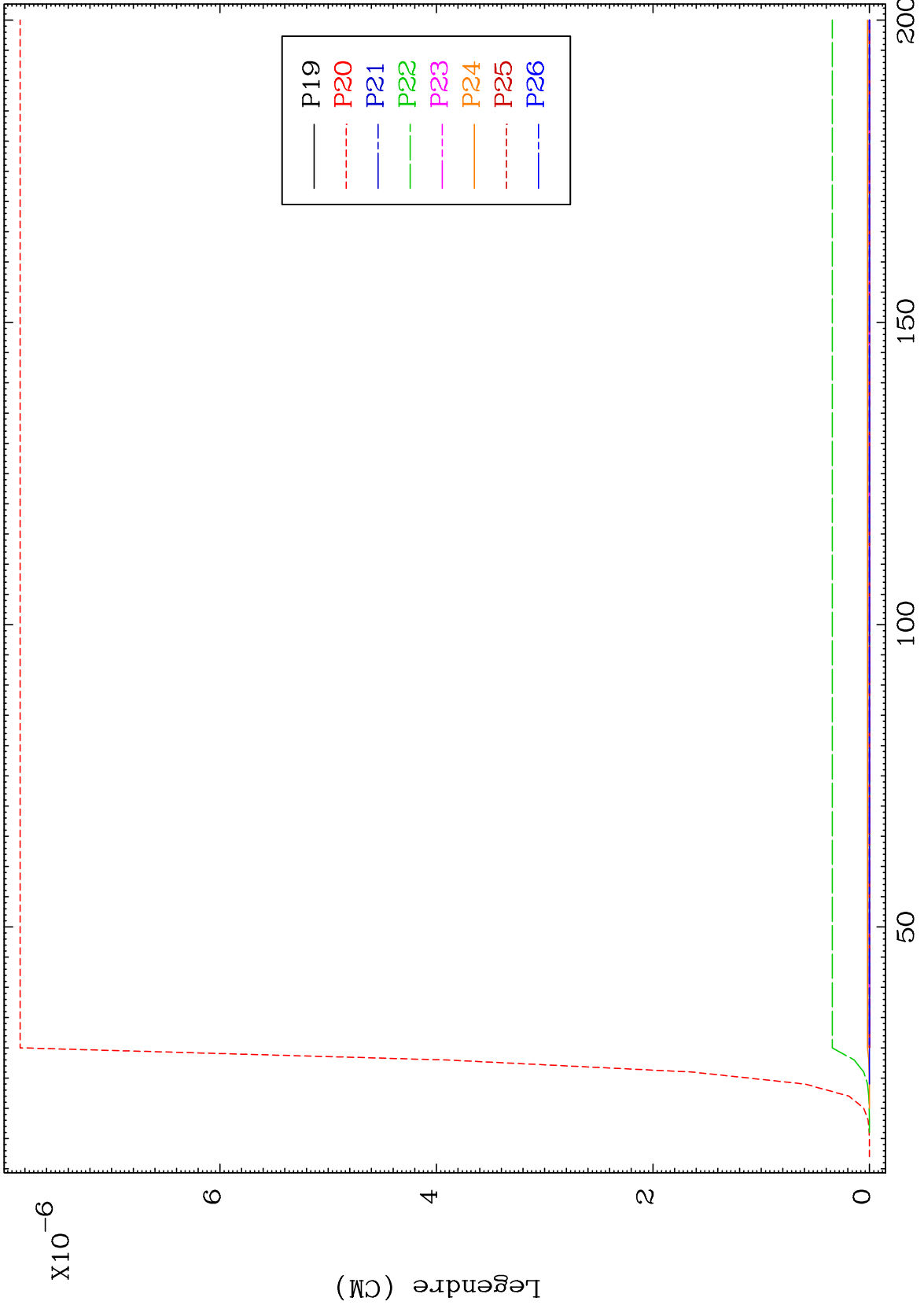
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



28

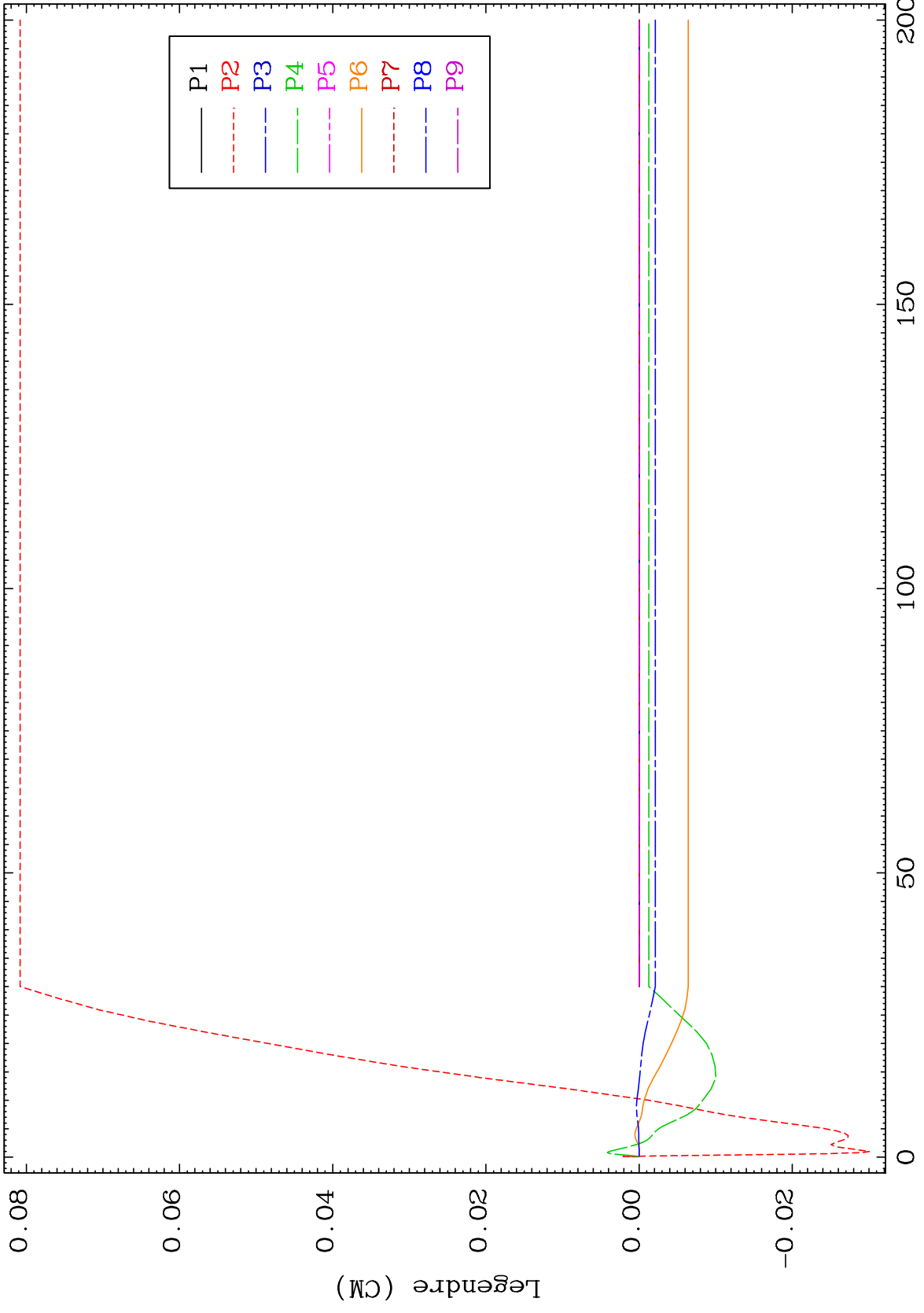
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



29

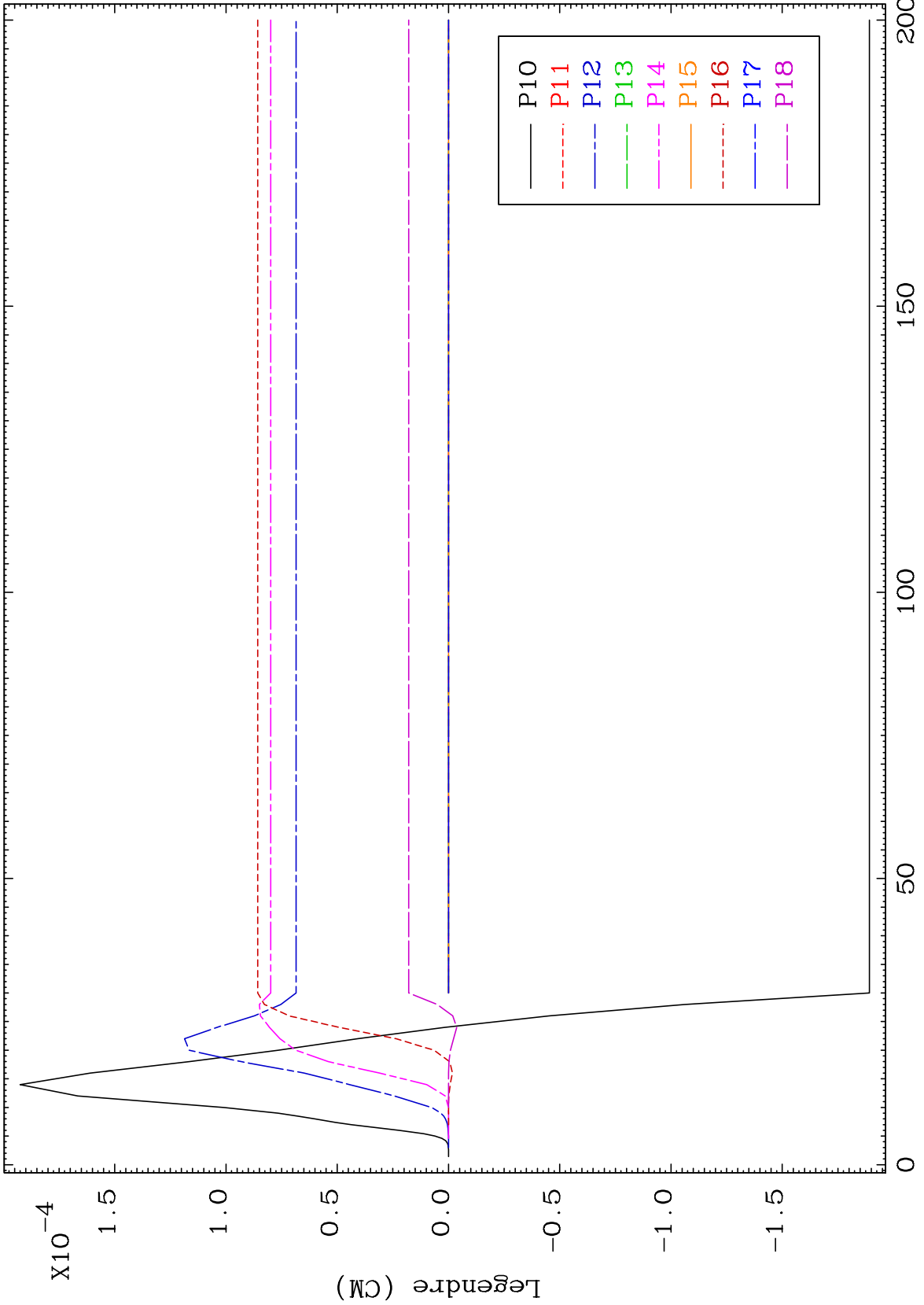
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

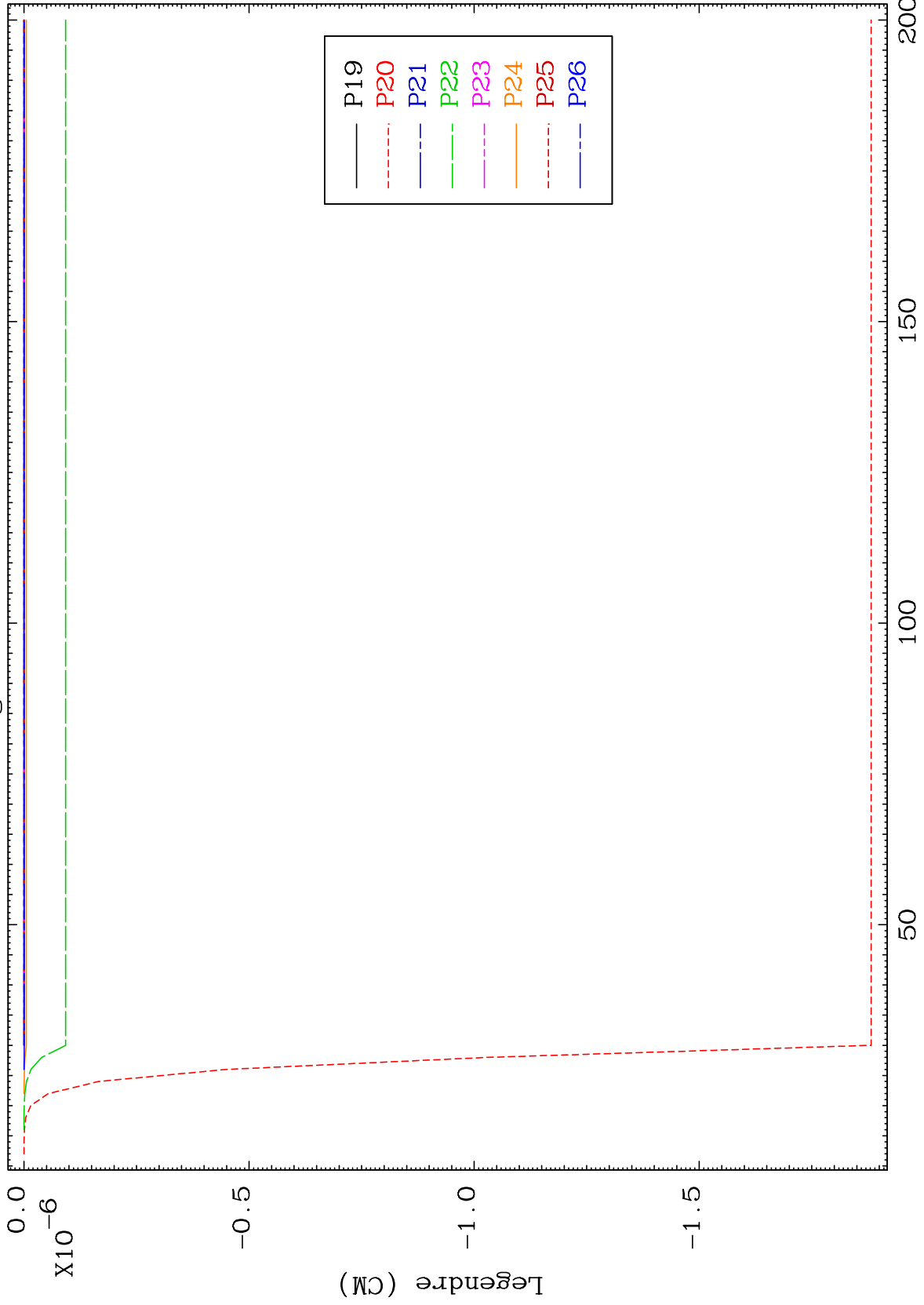
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30

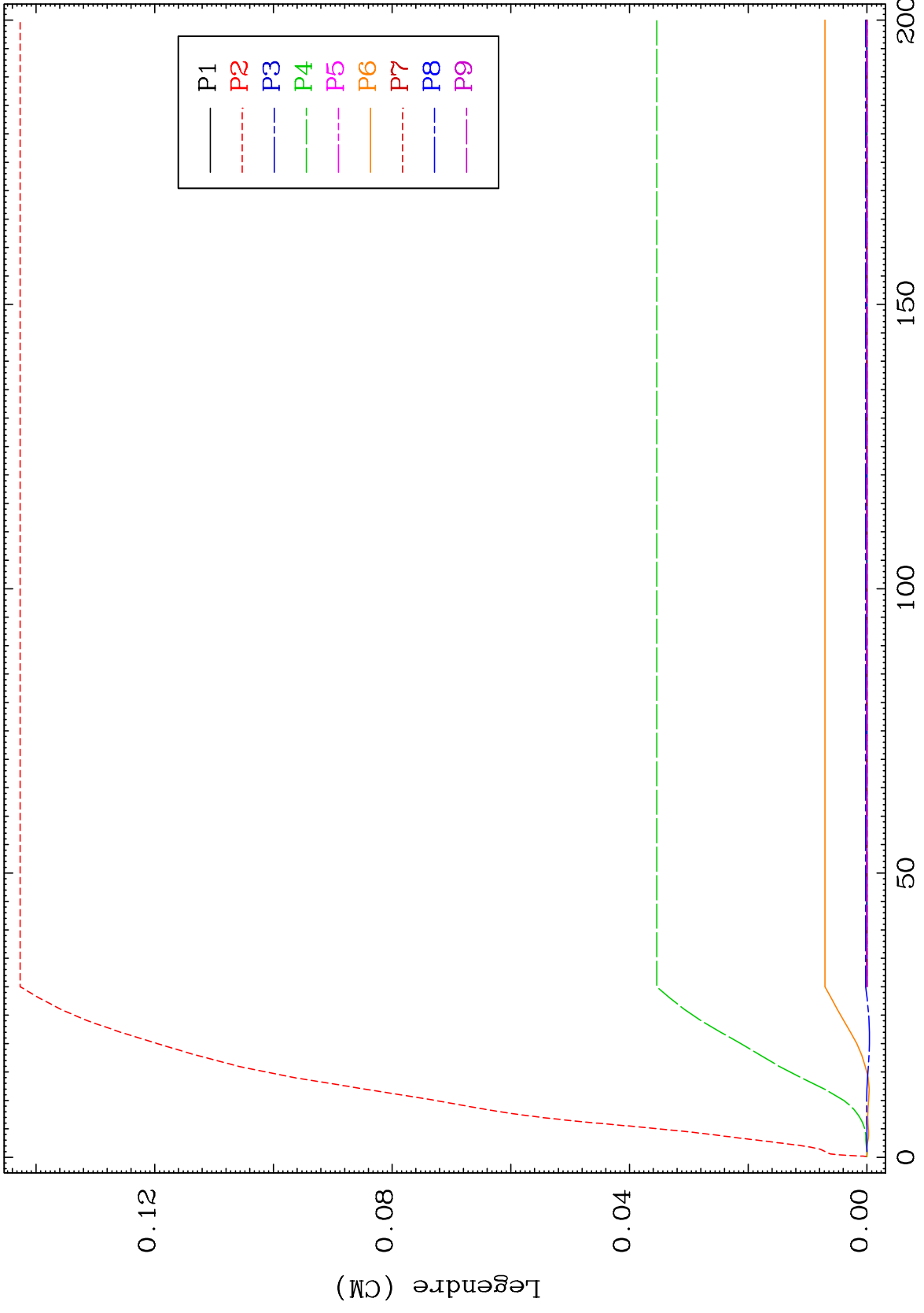
Incident Energy (MeV)

62-Sm-153





MAT 6252 MT= 55 (n,n') Level Legendre Coefficients 62-Sm-153

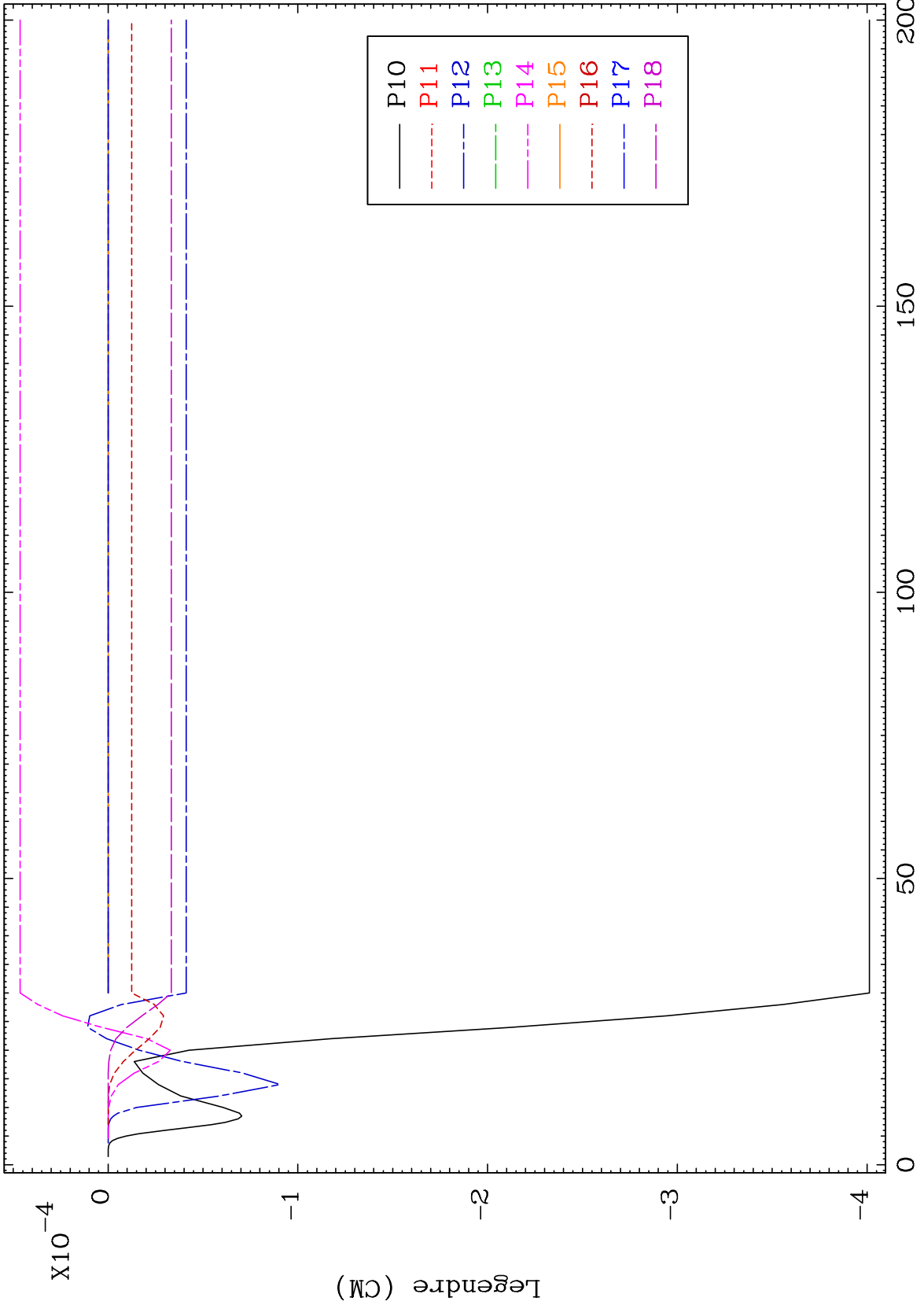


32 Incident Energy (MeV) 62-Sm-153

MAT 6252

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

62-Sm-153



33

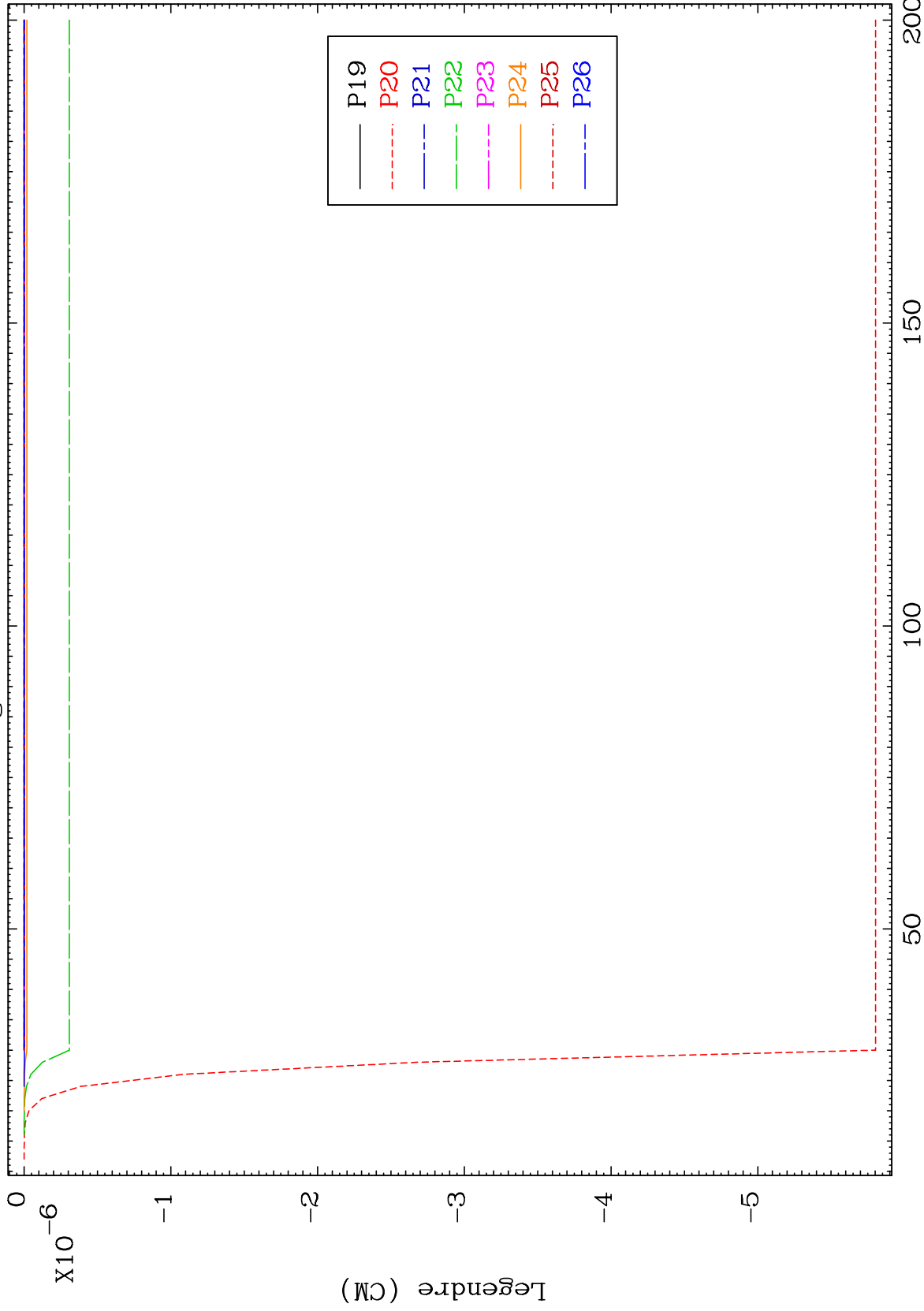
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



34

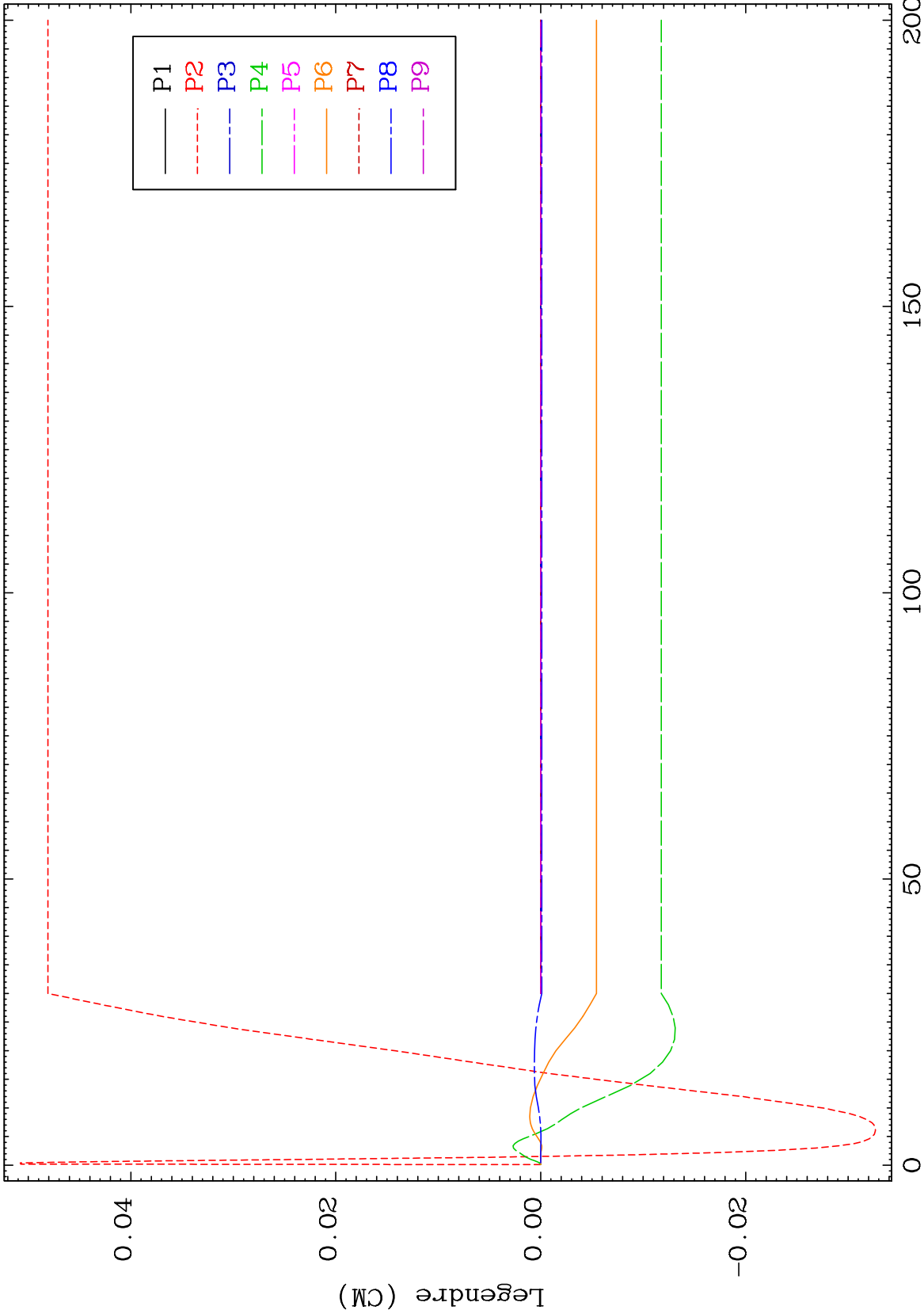
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

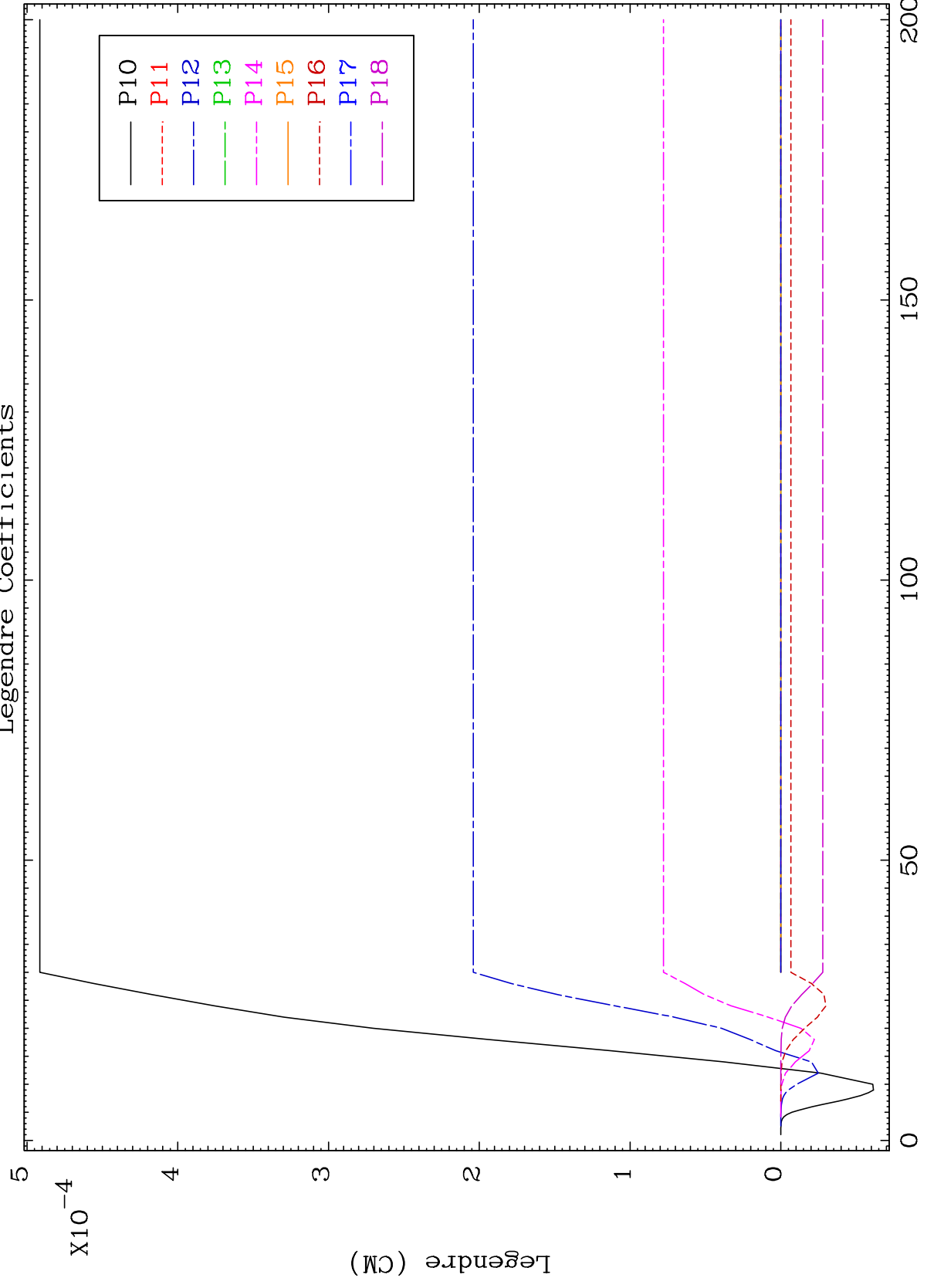
Incident Energy (MeV)

35

MAT 6252

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

62-Sm-153



36

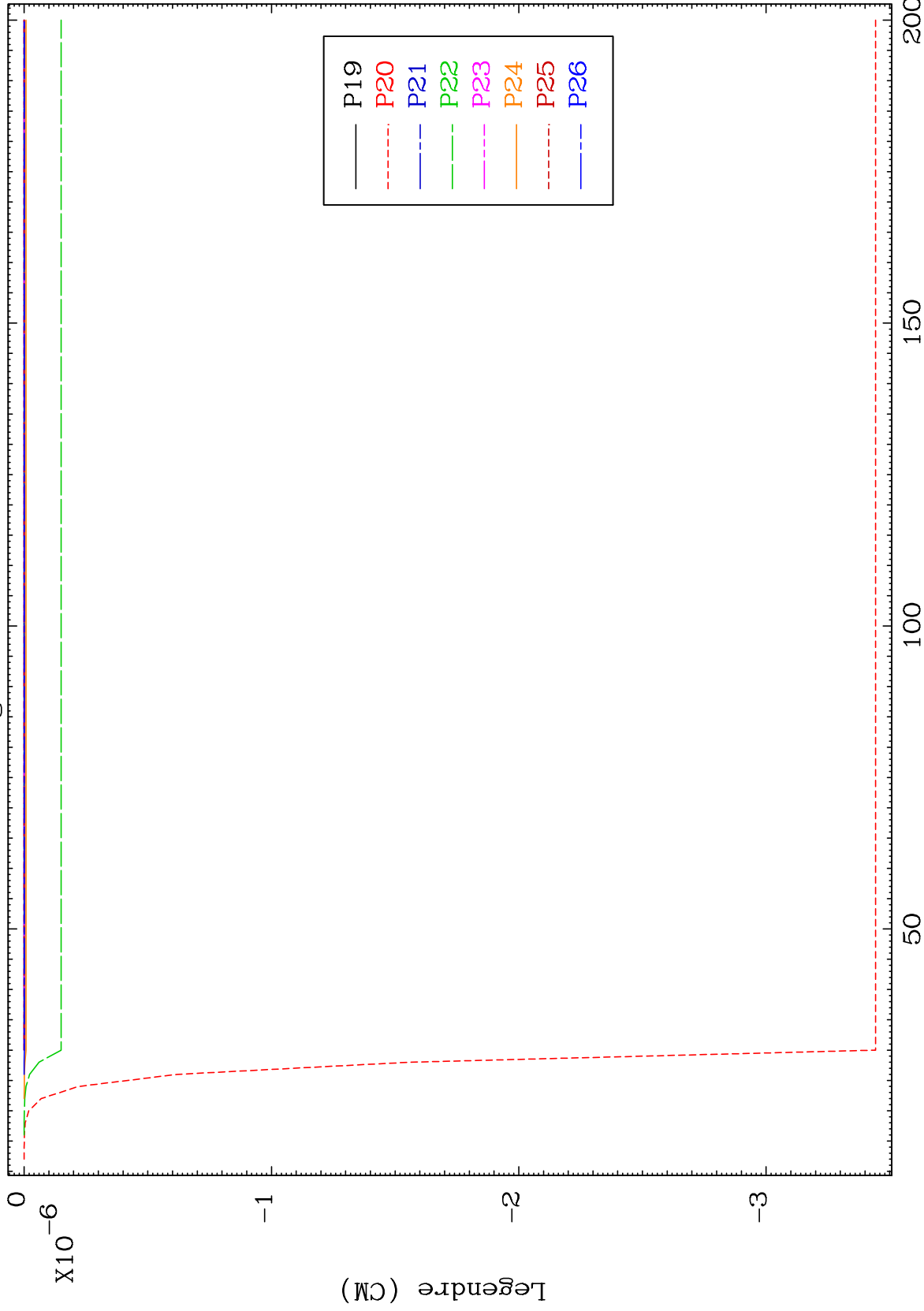
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



37

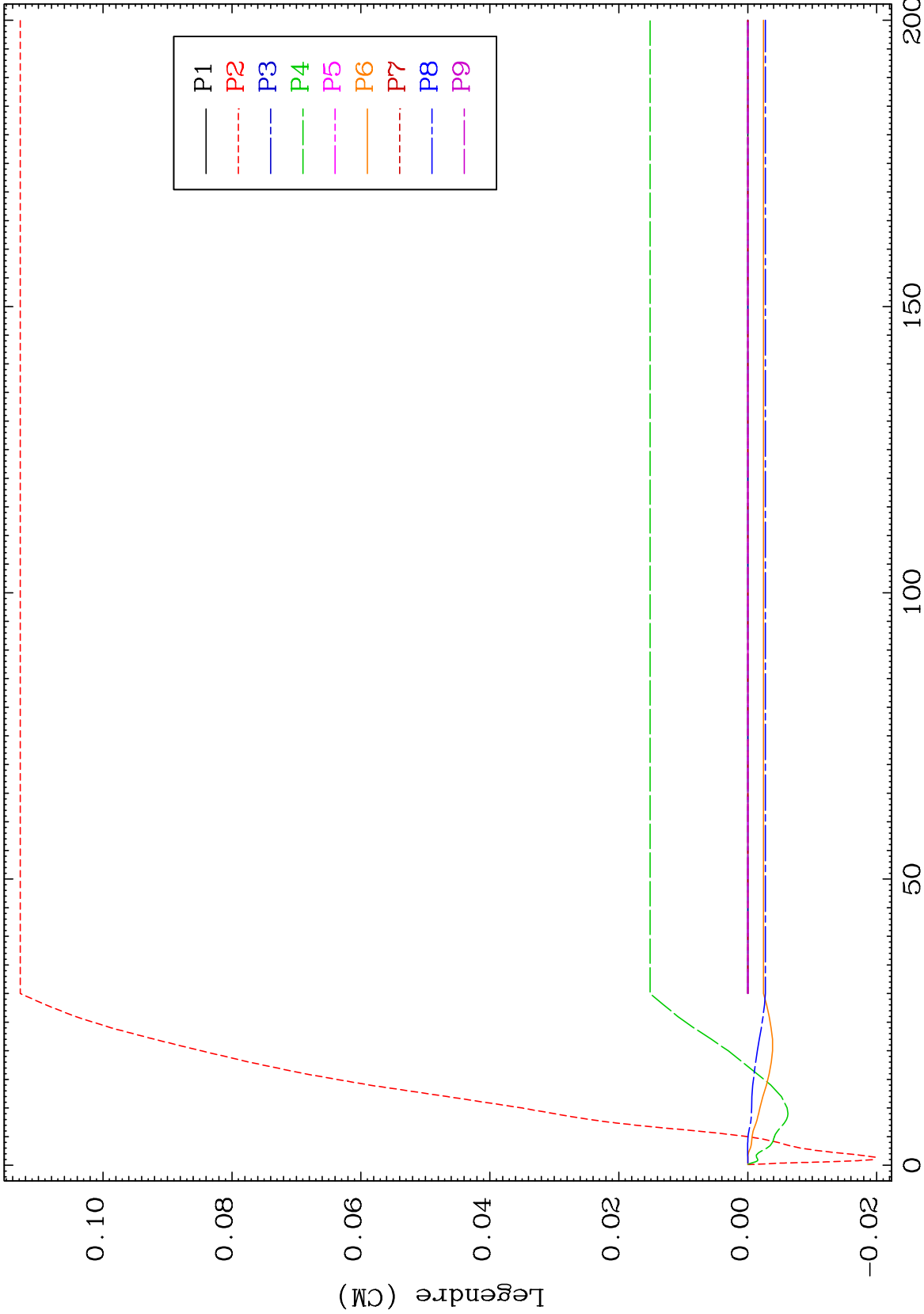
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



38

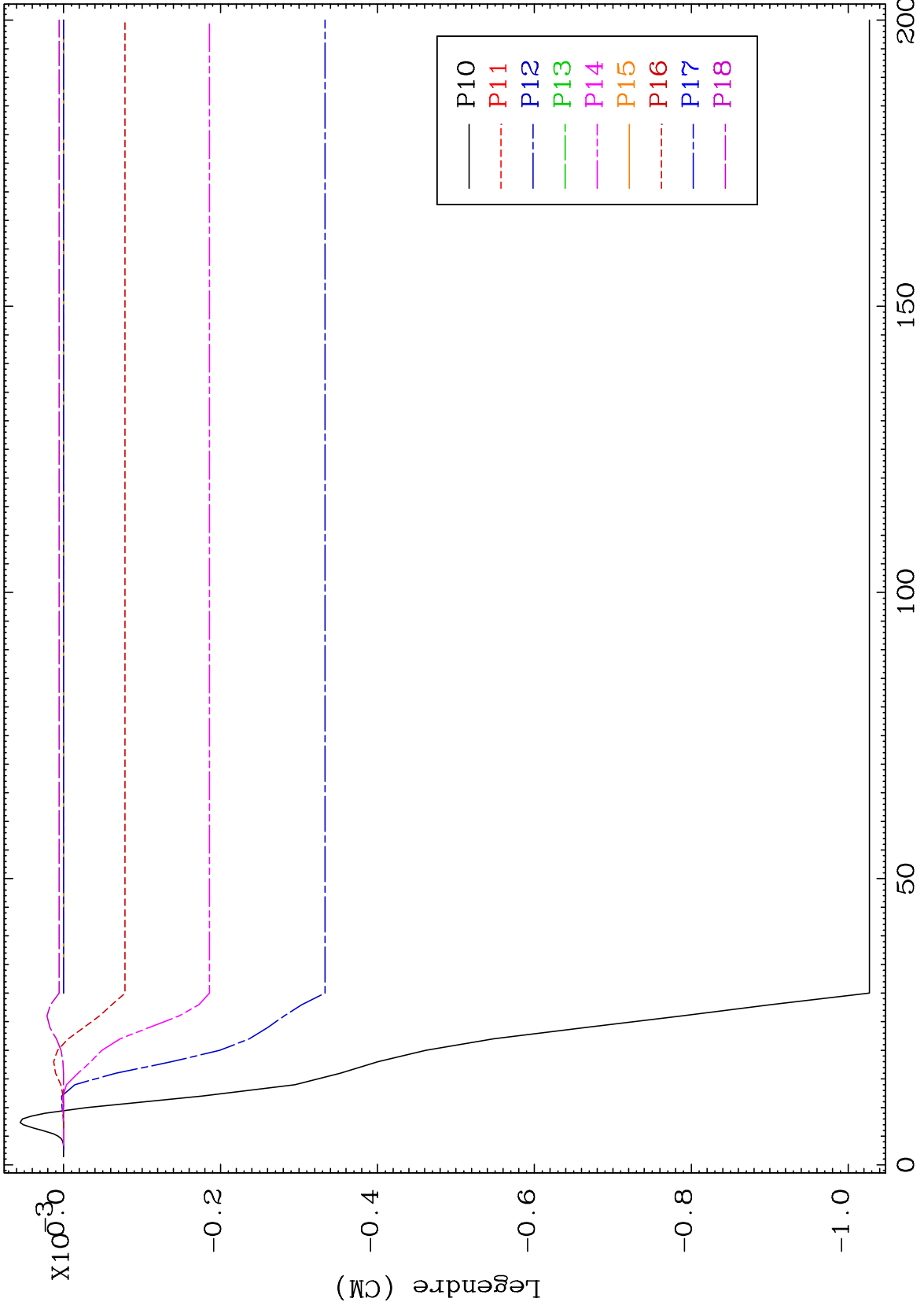
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153

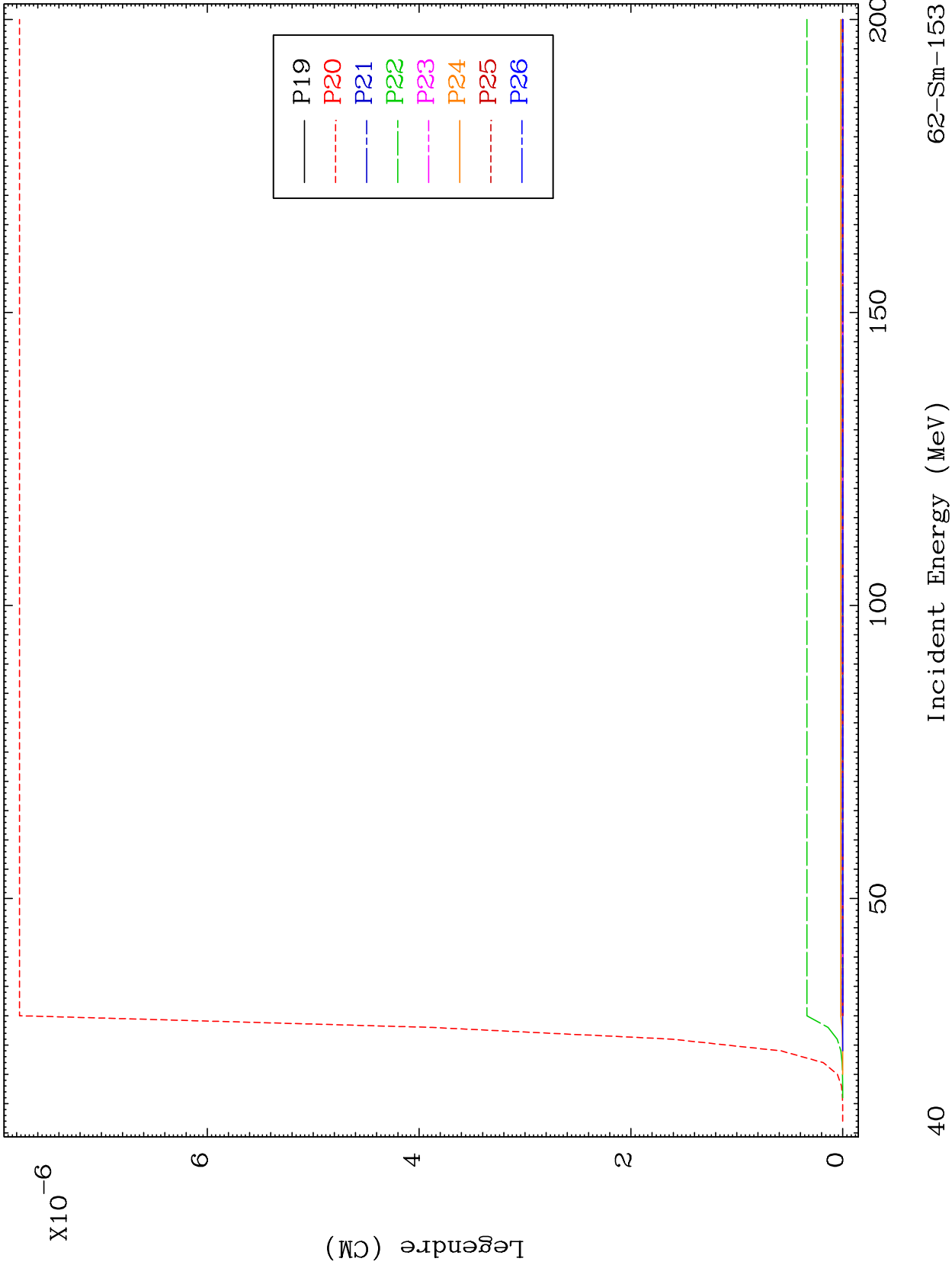


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62-Sm-153



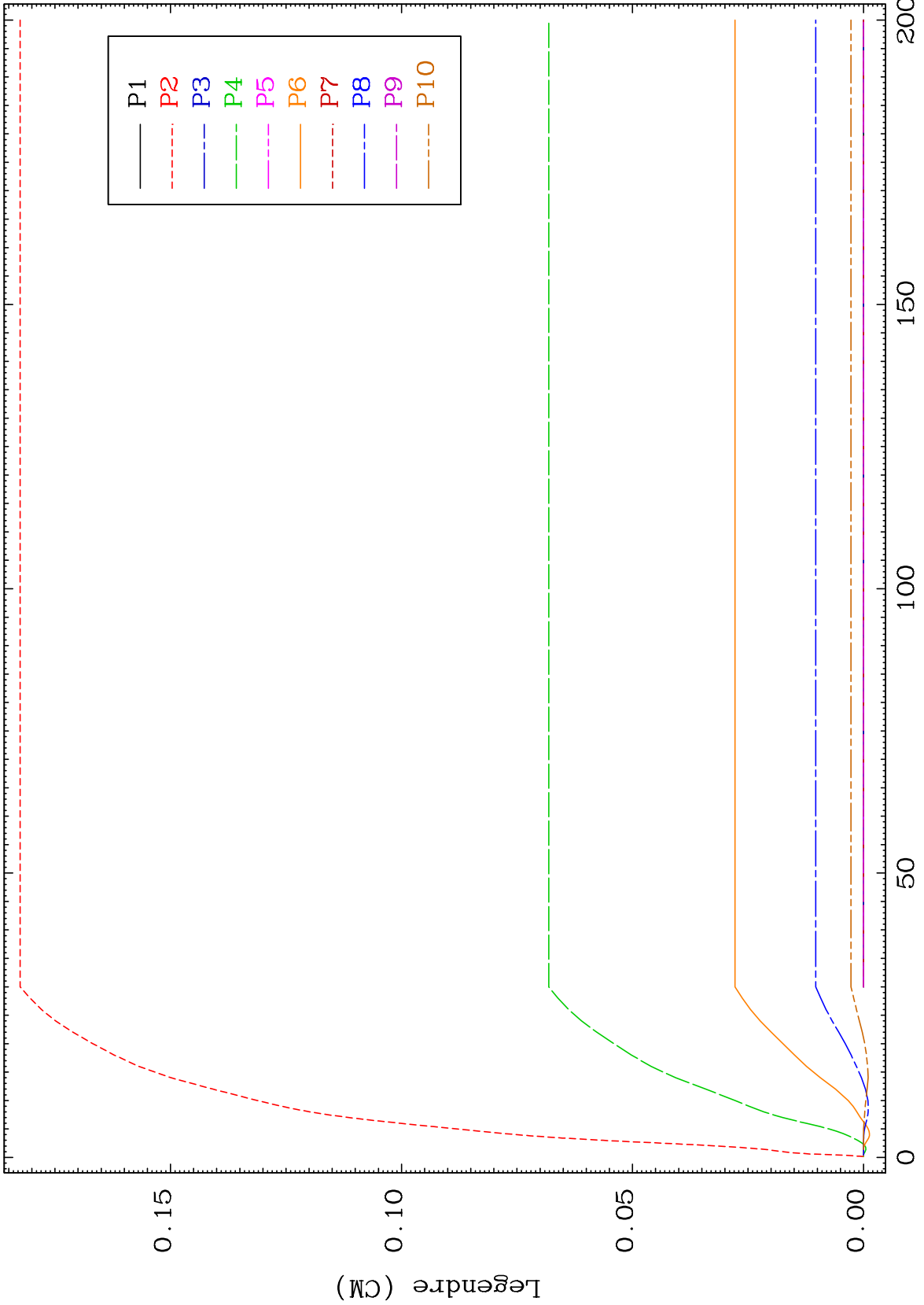
MAT 6252 MT= 57 (n,n') Level Legendre Coefficients 62-Sm-153



MAT 6252

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

62-Sm-153



41

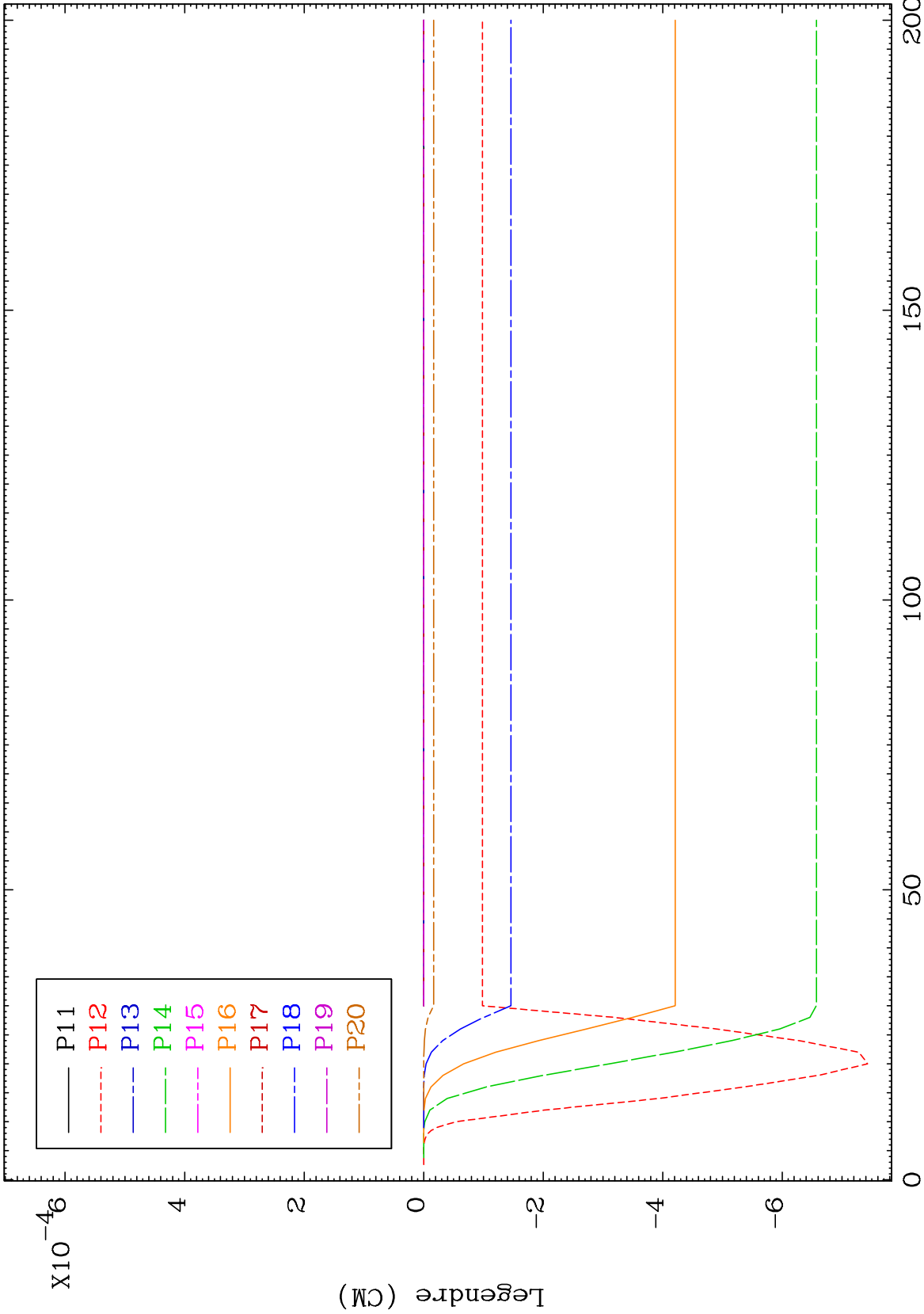
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



42

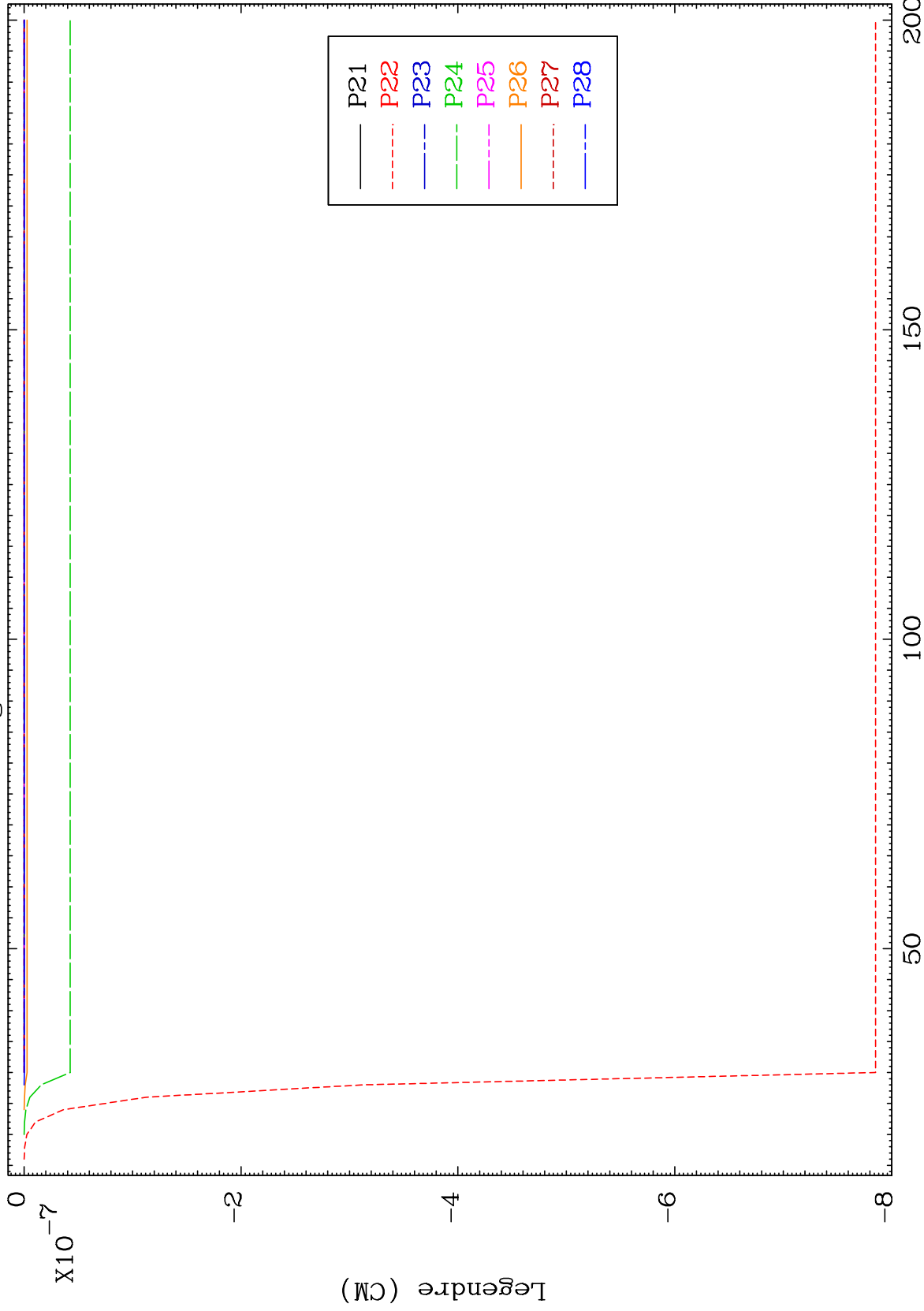
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



43

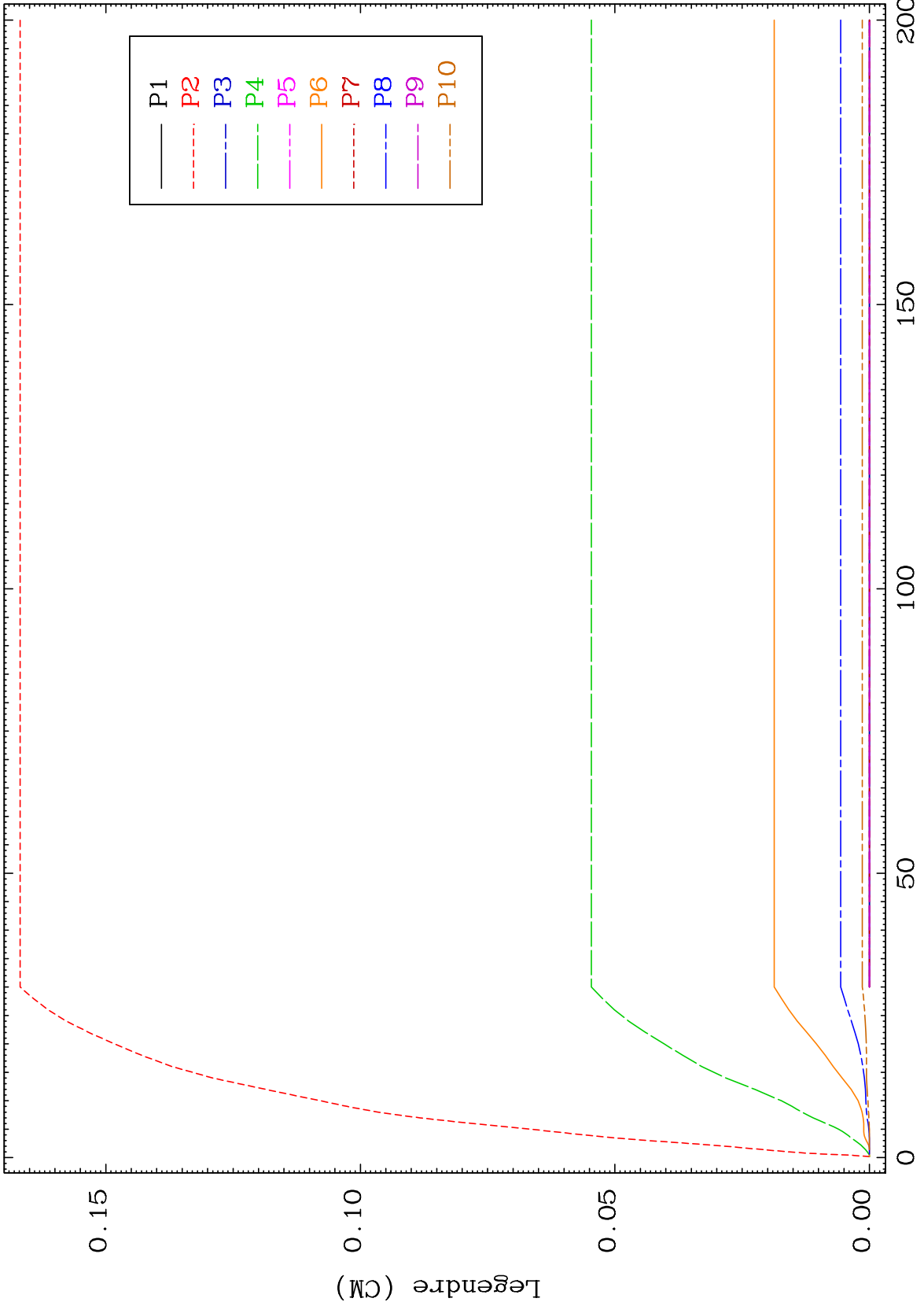
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



44

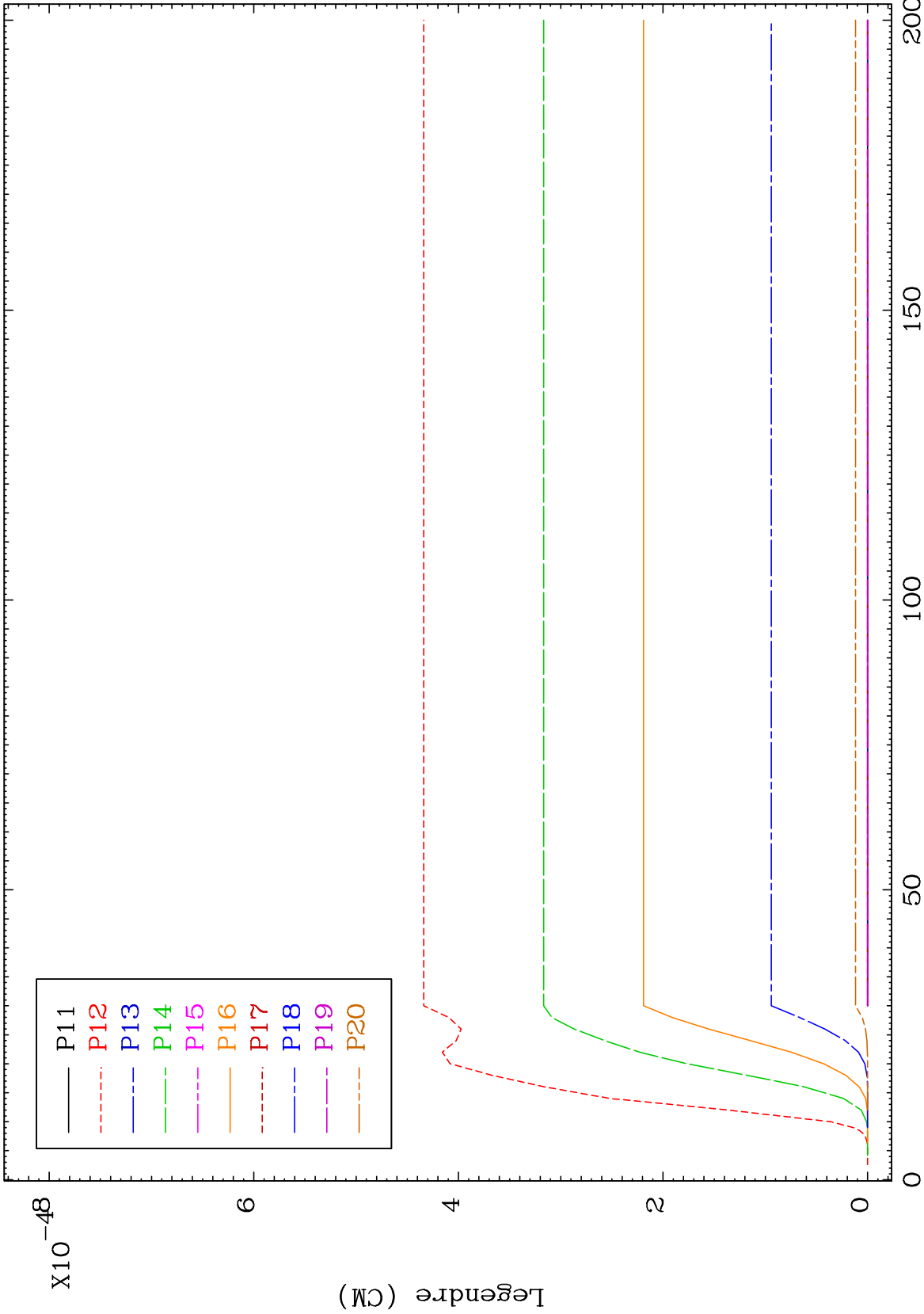
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



45

Incident Energy (MeV)

150

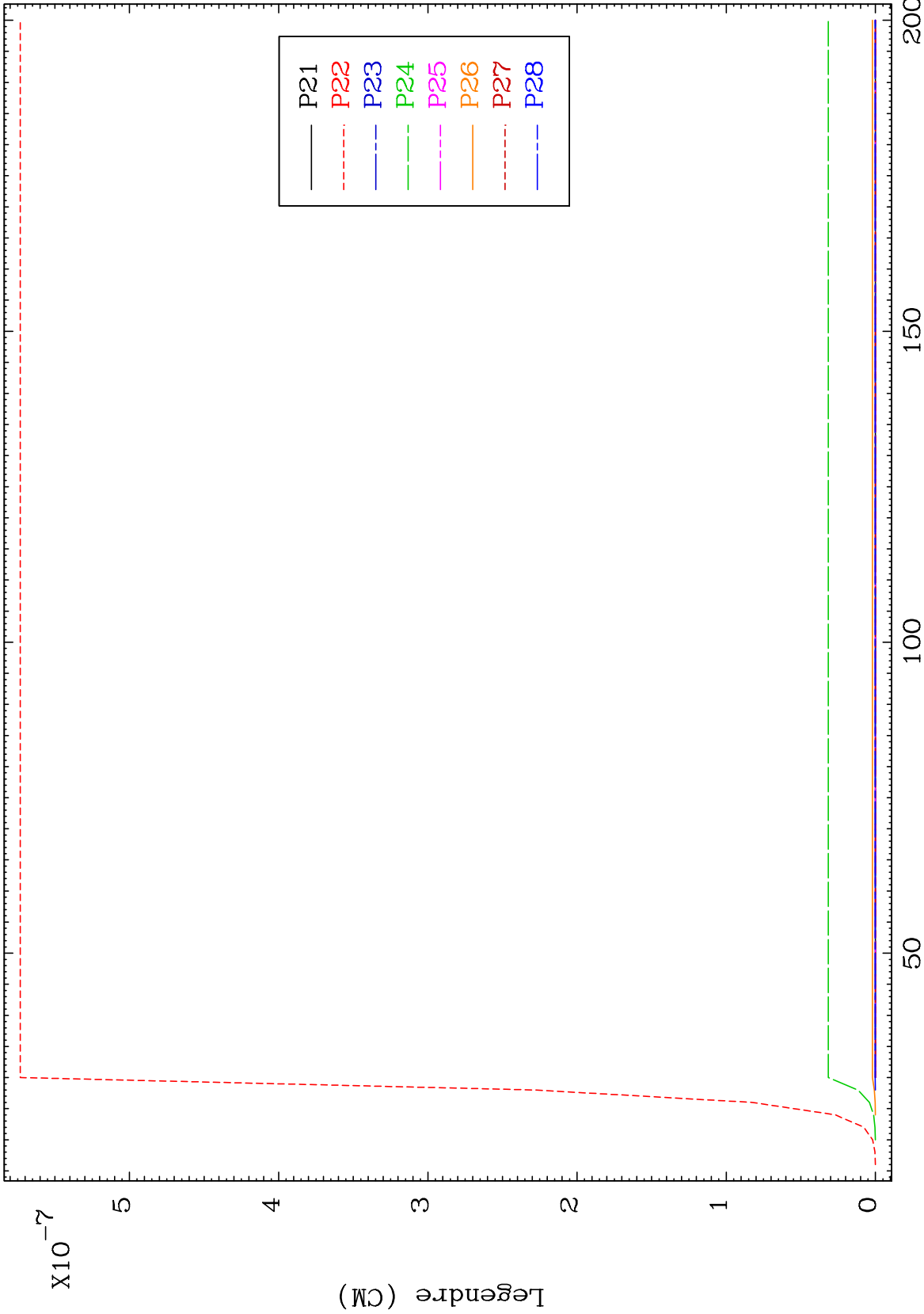
62-Sm-153

200

MAT 6252

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

62-Sm-153



46

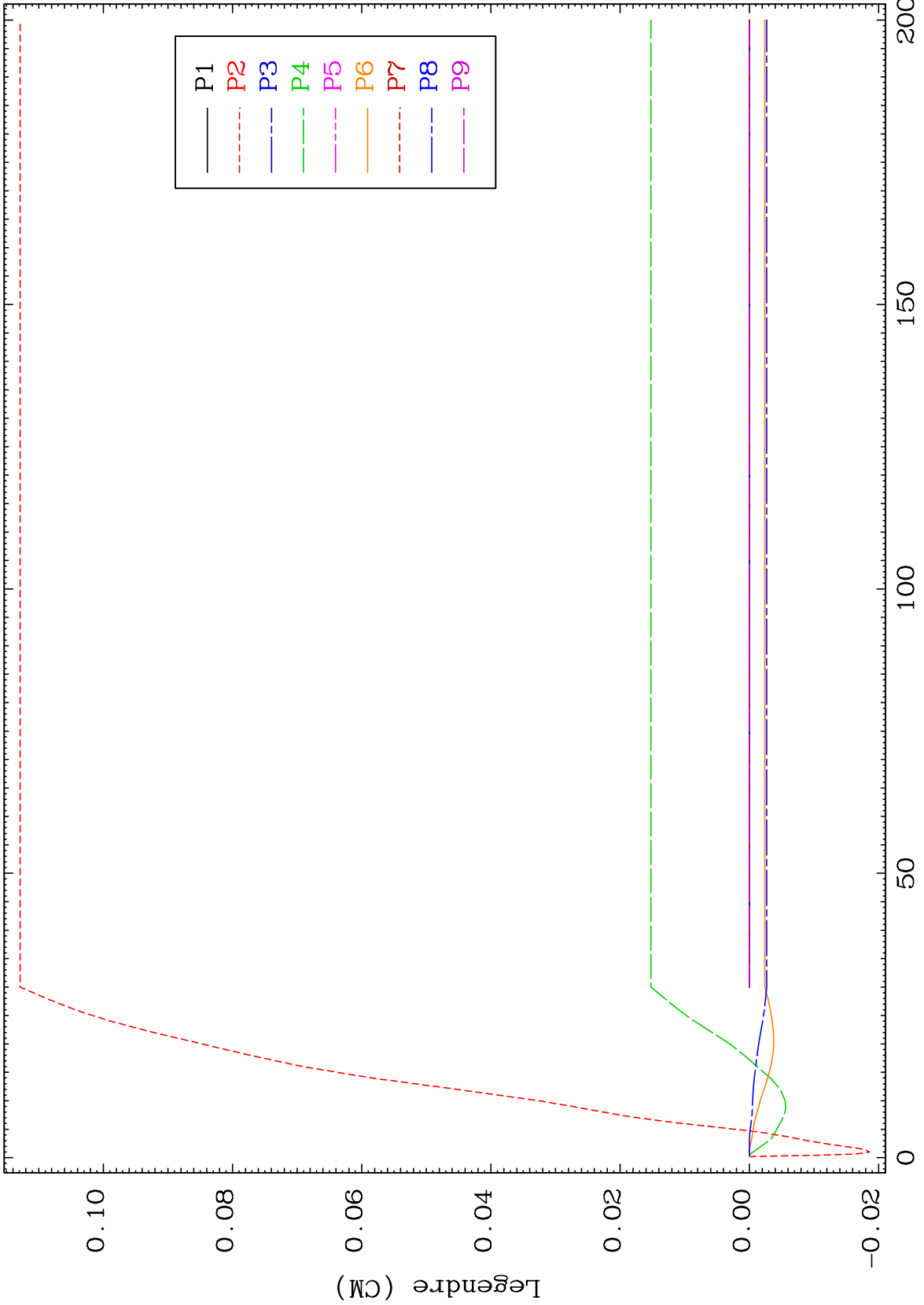
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



47

Incident Energy (MeV)

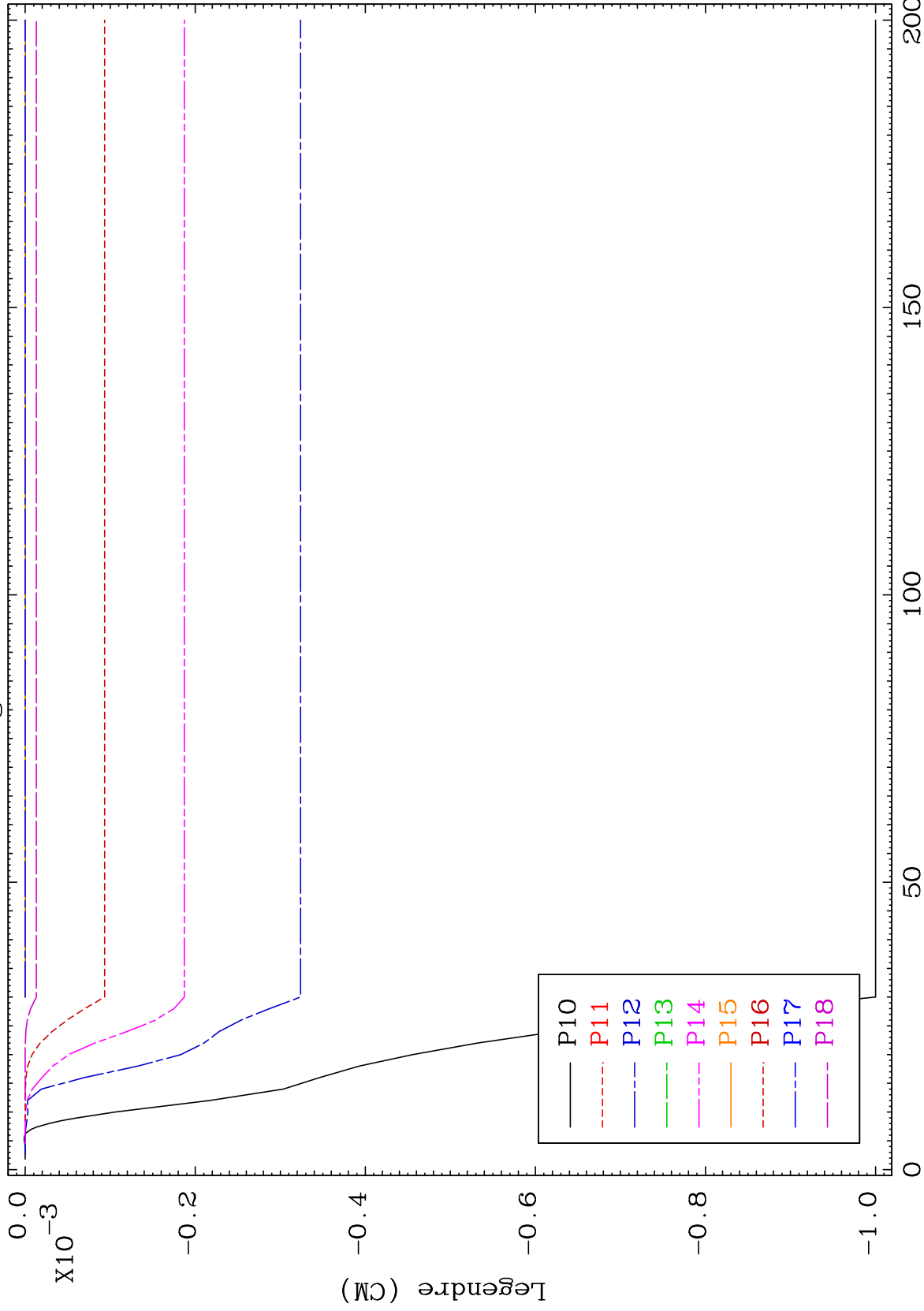
62-Sm-153



MAT 6252

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

62-Sm-153



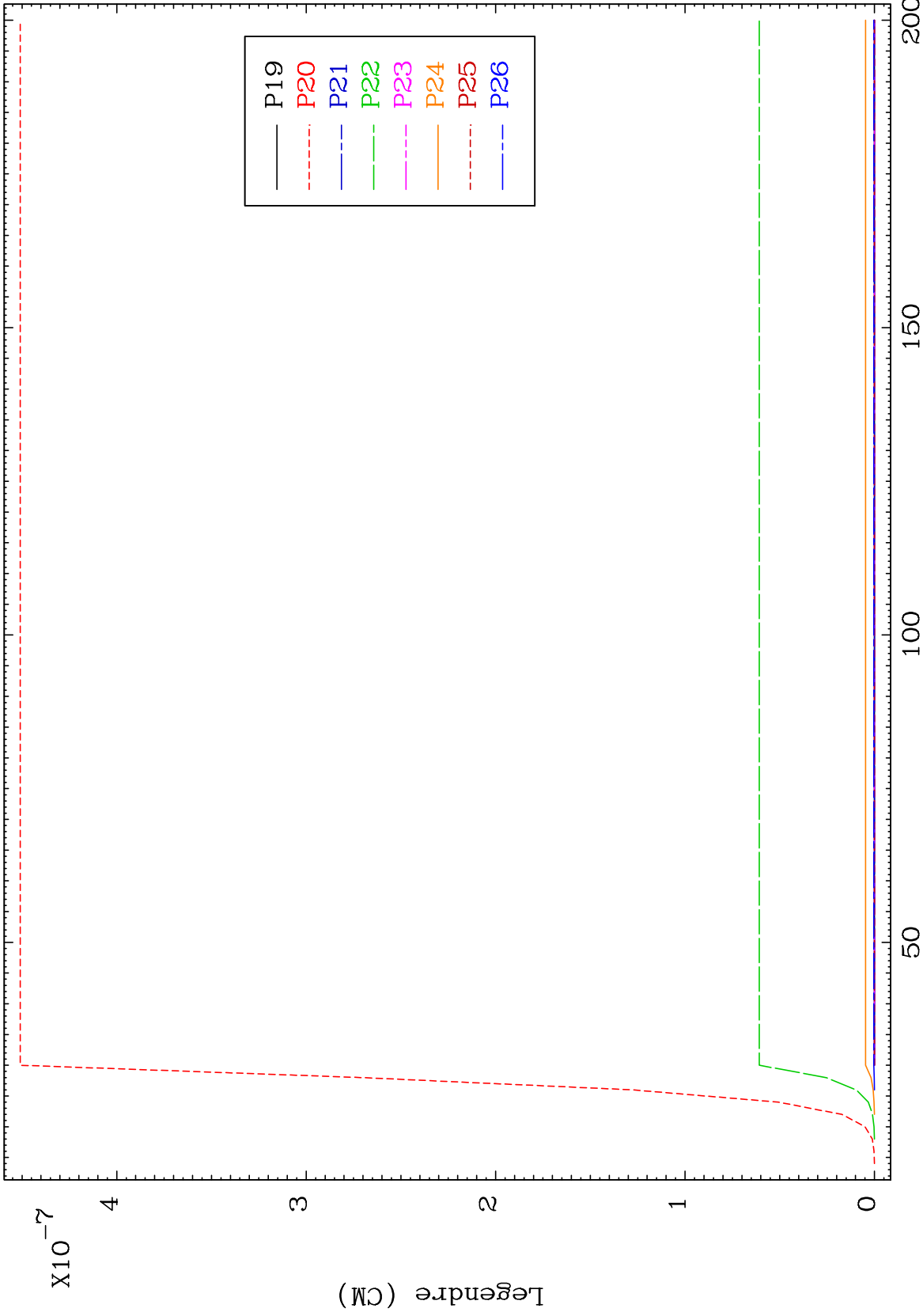
48

62-Sm-153

MAT 6252

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

62-Sm-153



49

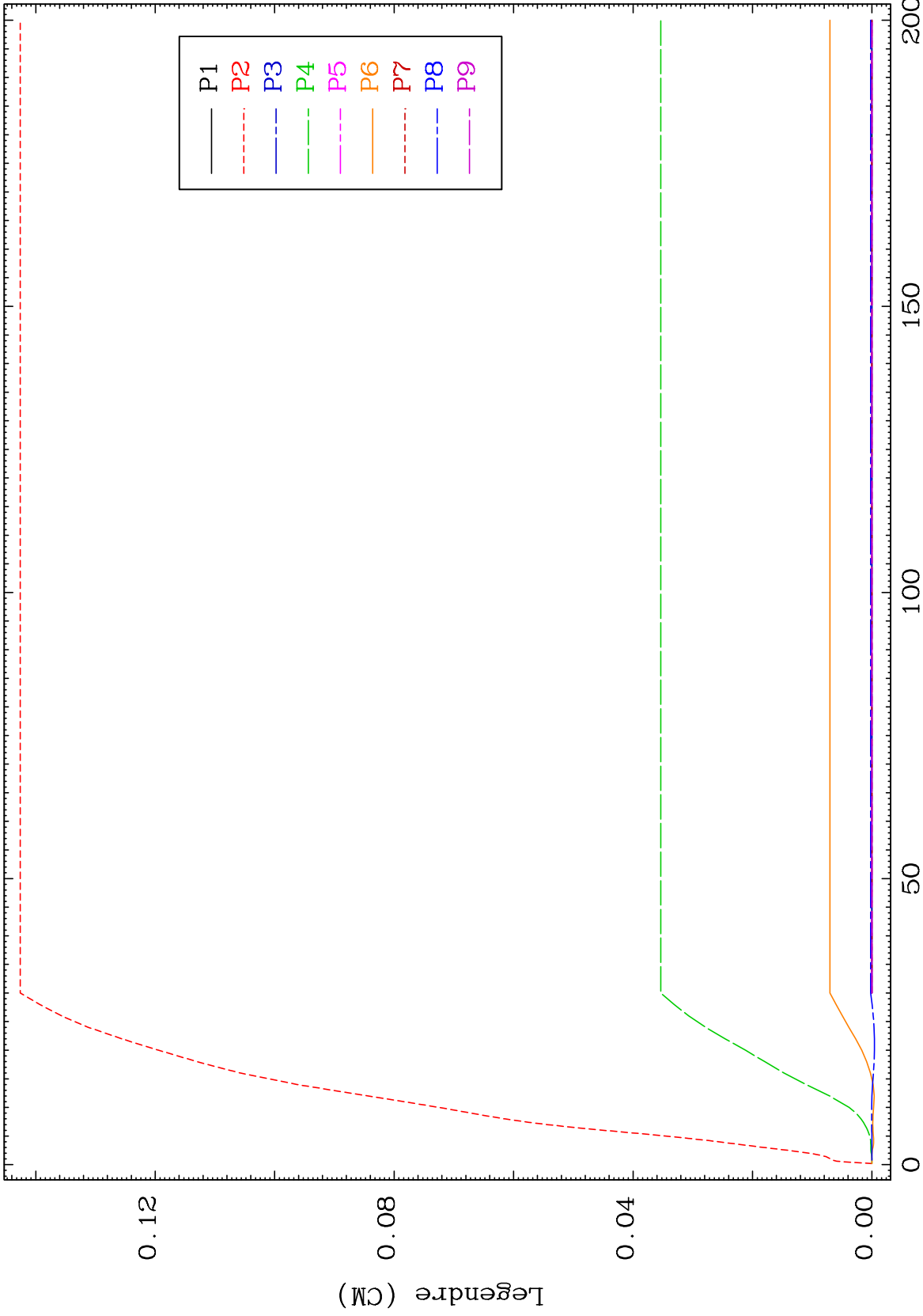
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



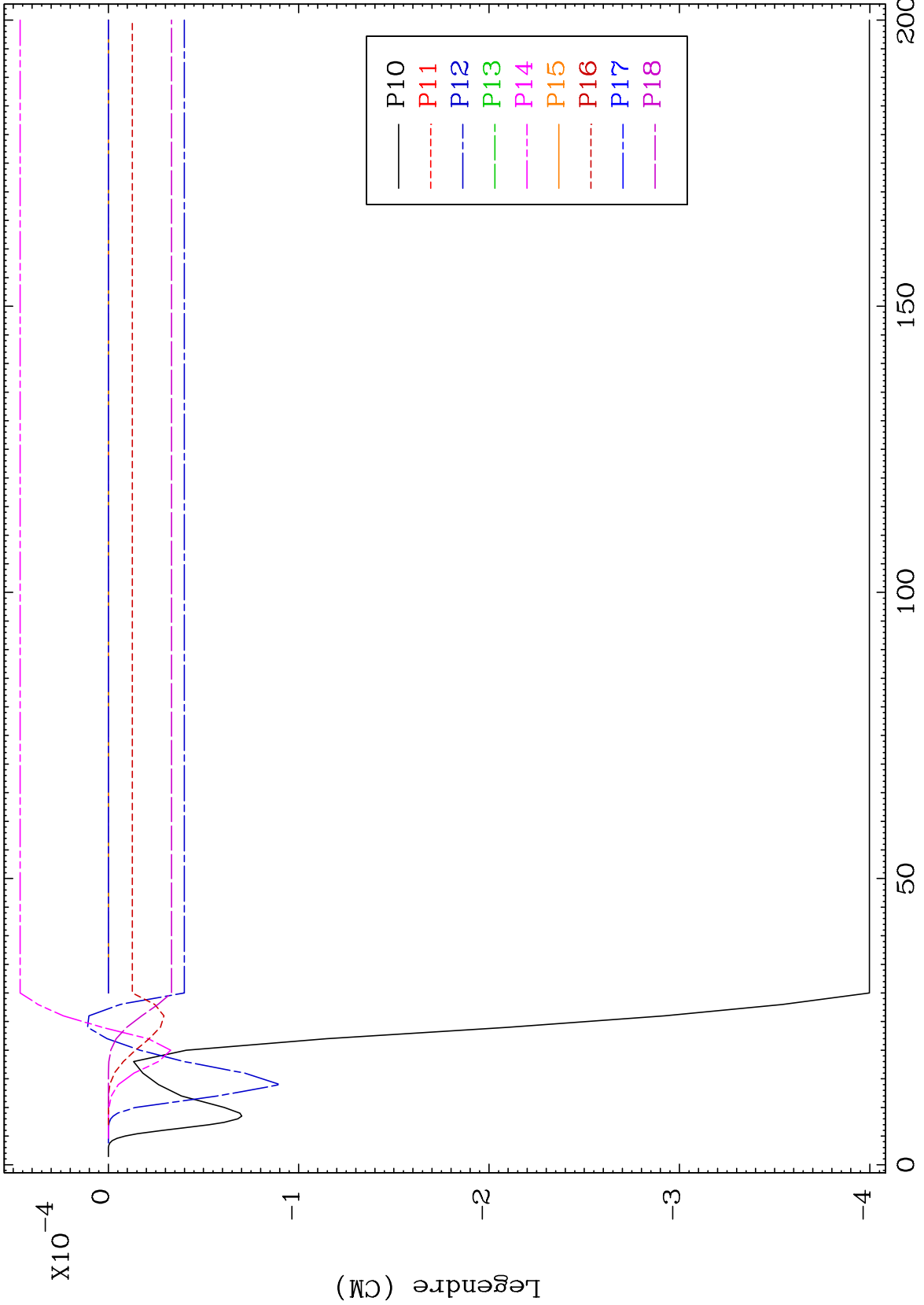
62-Sm-153

Incident Energy (MeV)

MAT 6252

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

62-Sm-153



51

Incident Energy (MeV)

62-Sm-153

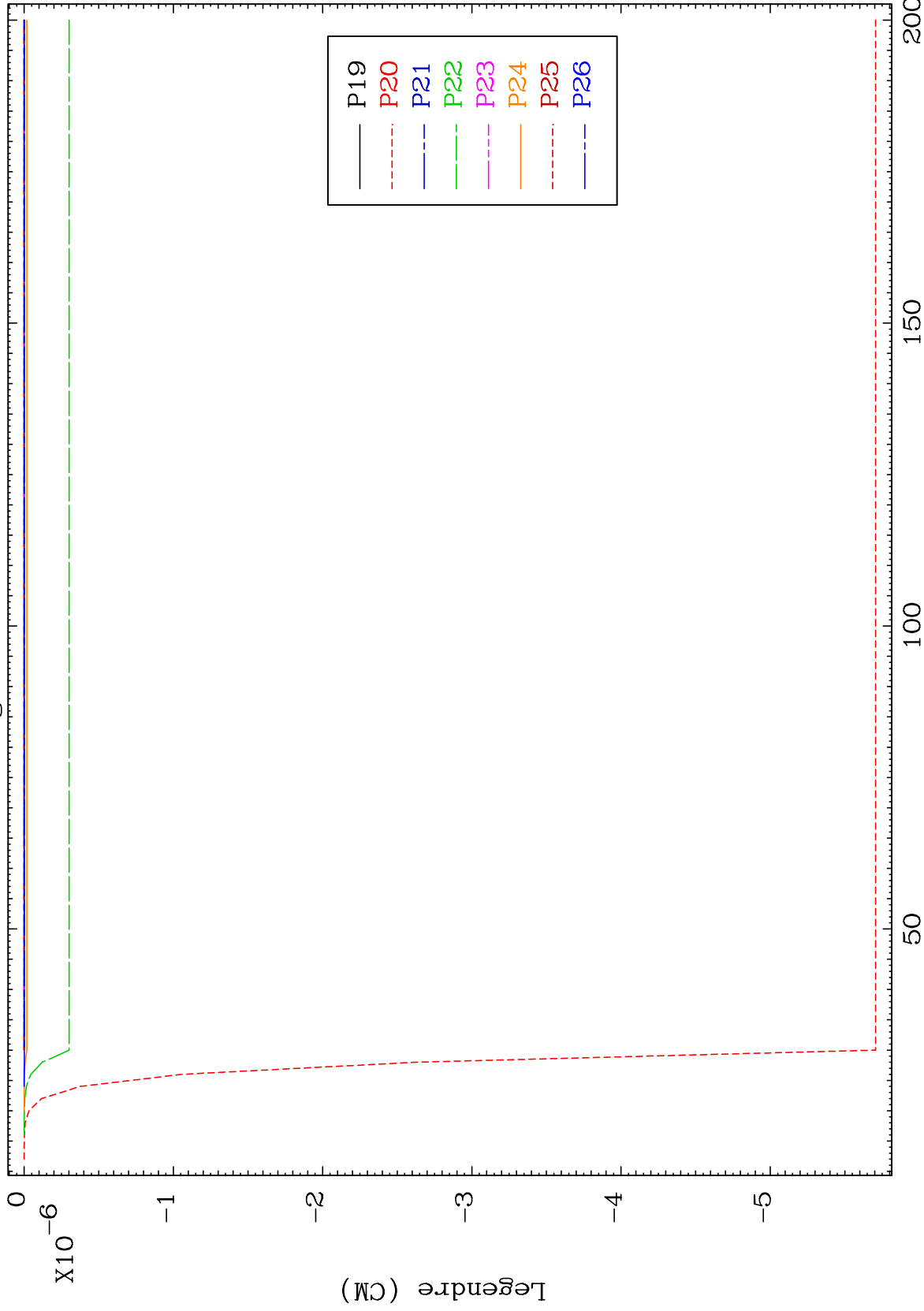
MAT 6252

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

62-Sm-153

Incident Energy (MeV)

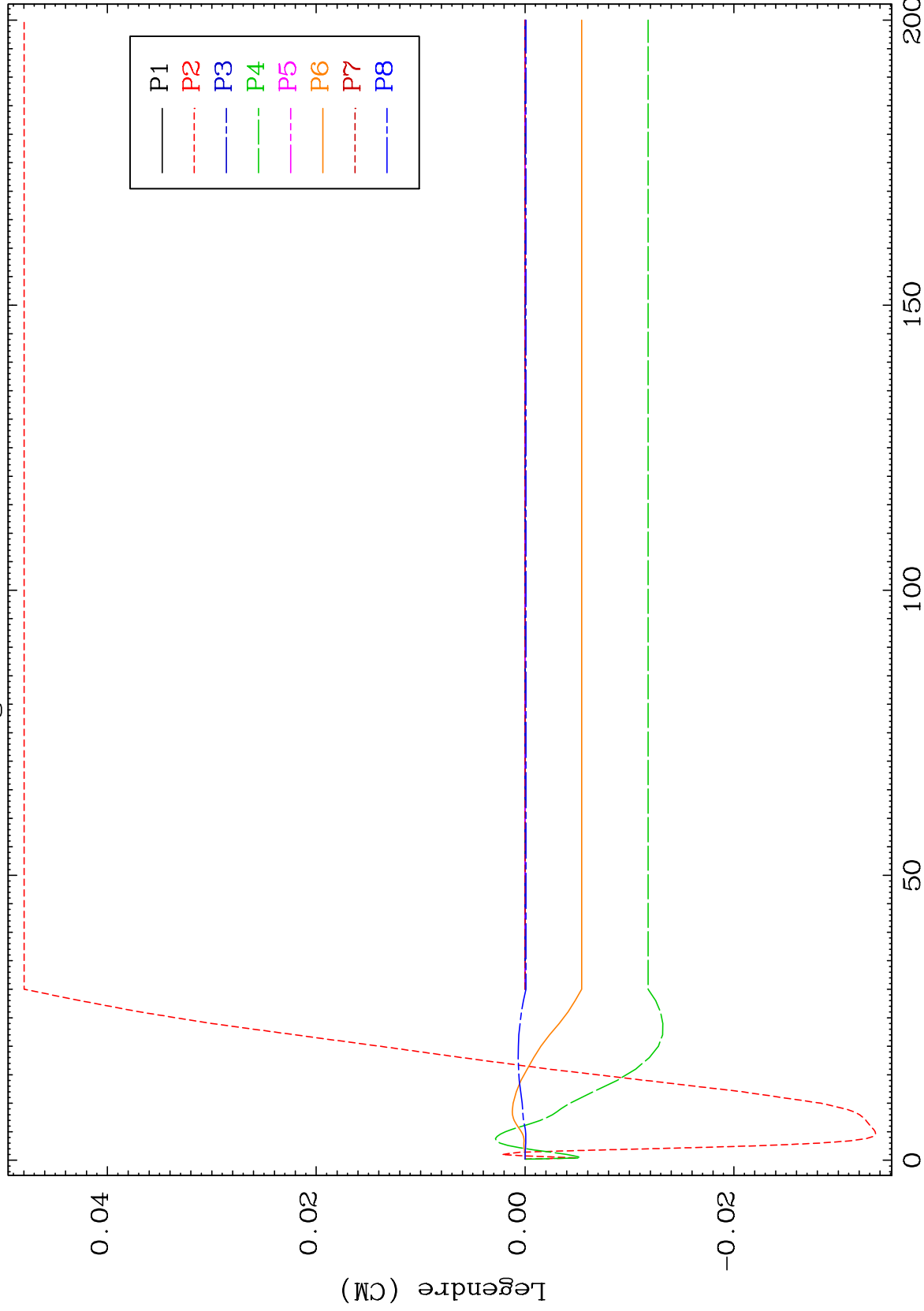
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MAT 6252

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

62-Sm-153



53

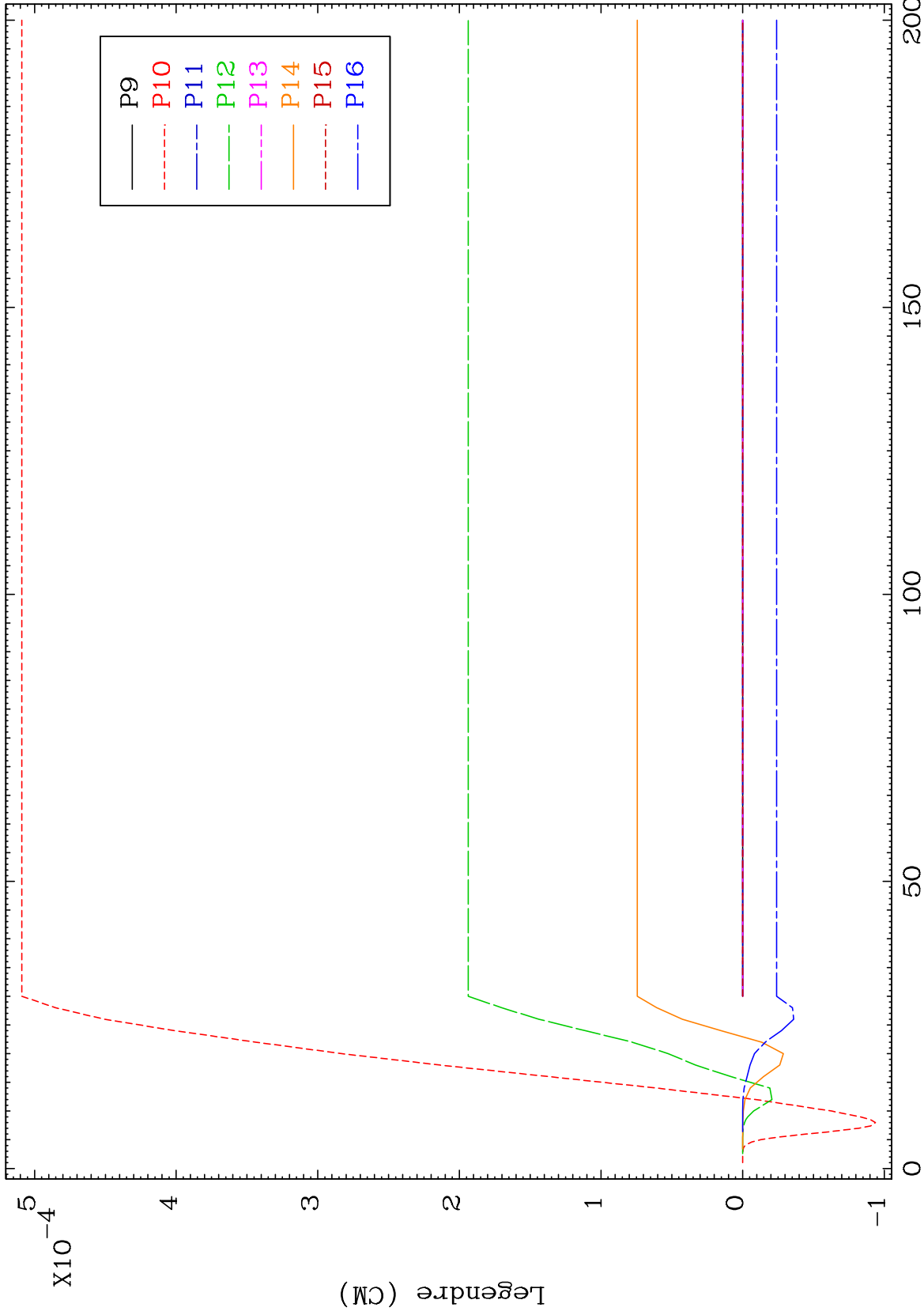
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



54

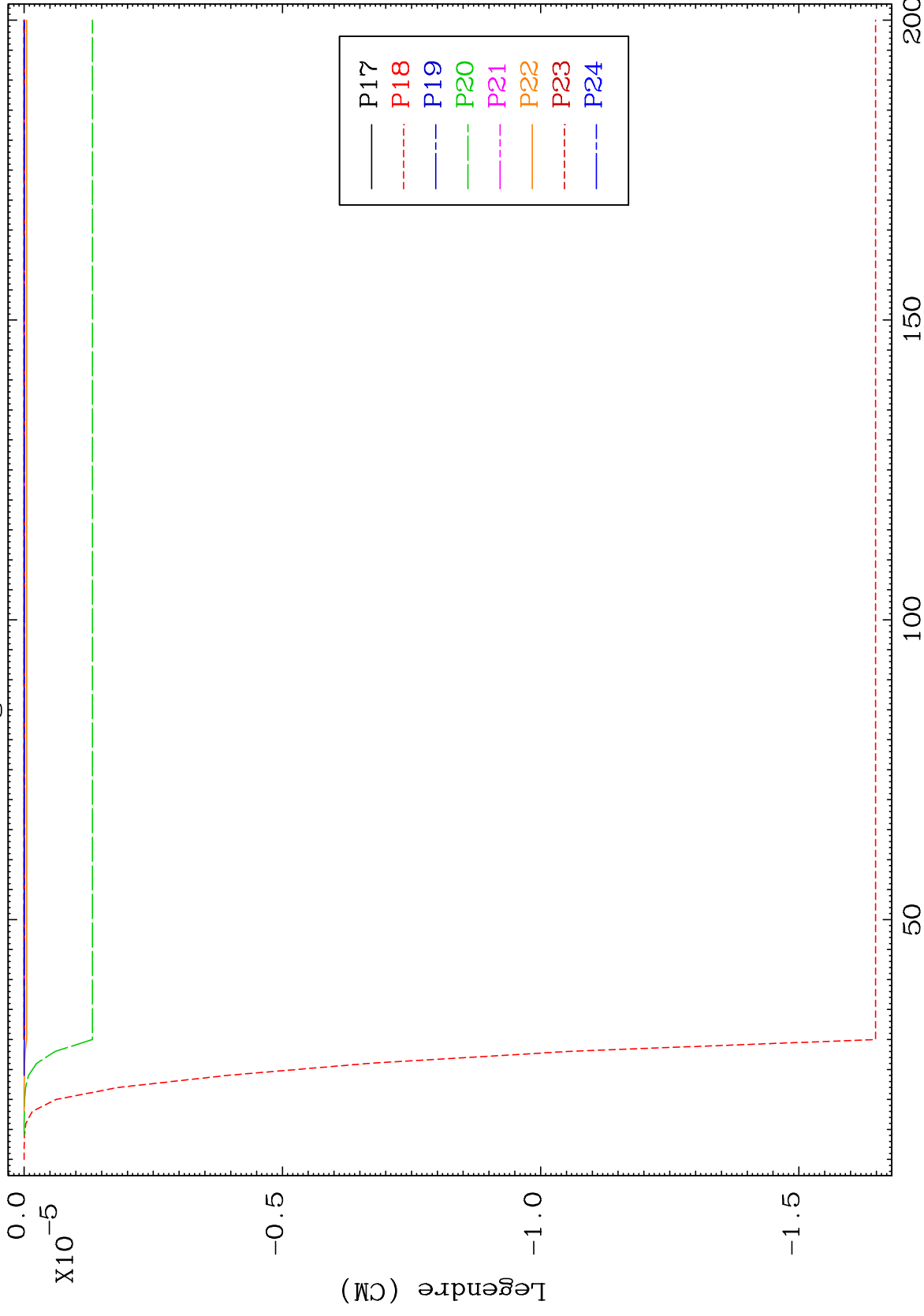
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

Incident Energy (MeV)

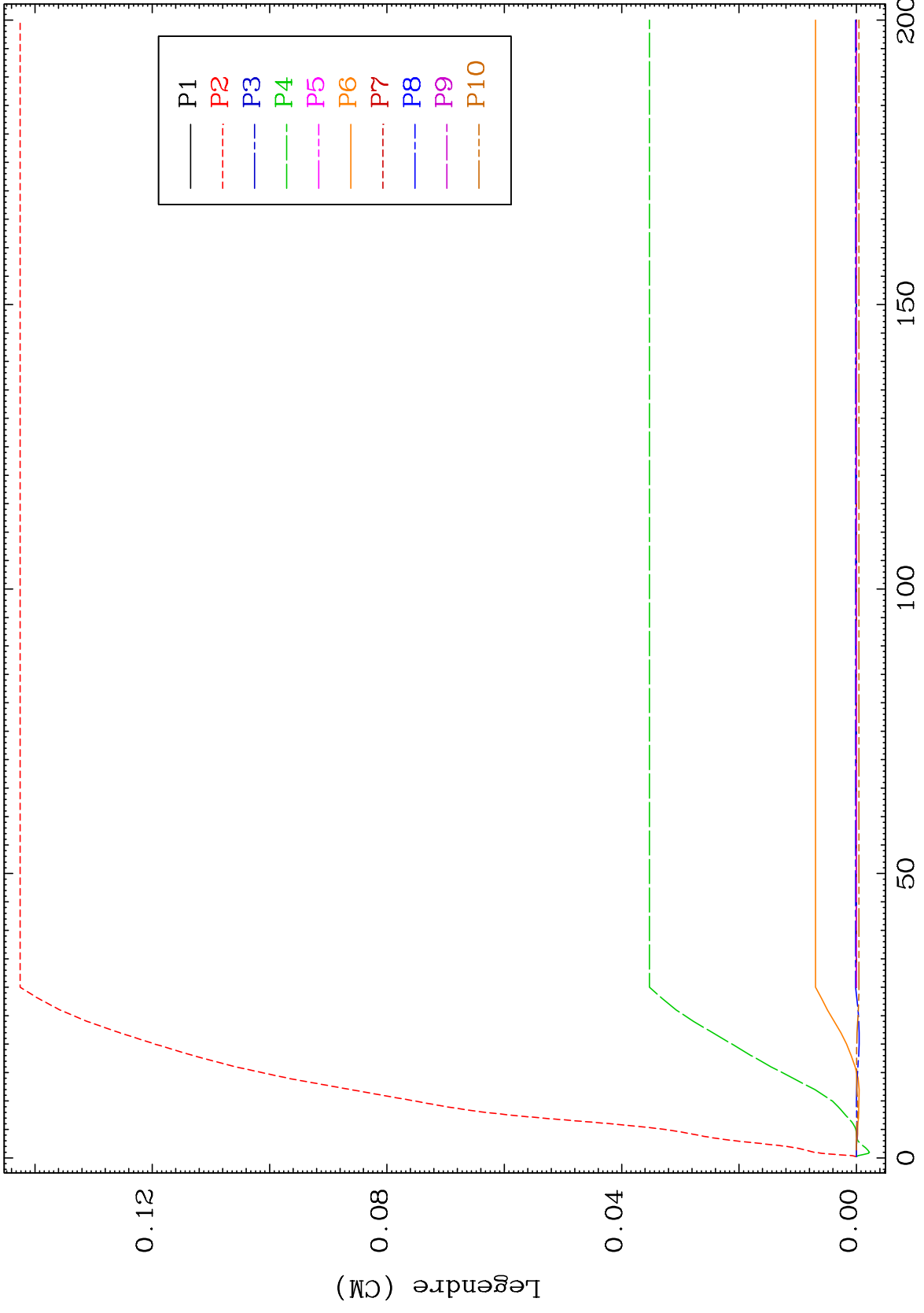
55



MAT 6252

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

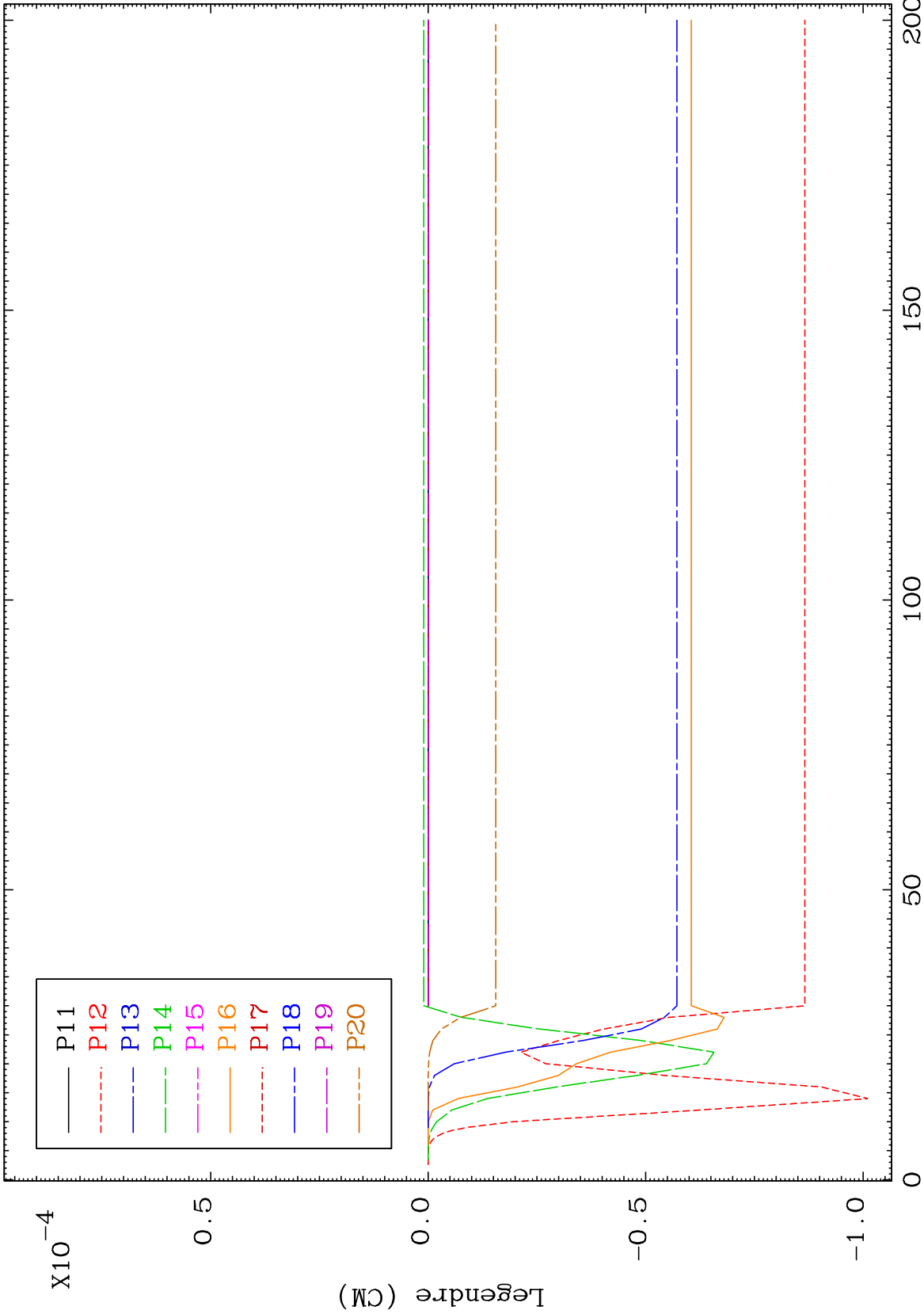
62-Sm-153



56

Incident Energy (MeV)

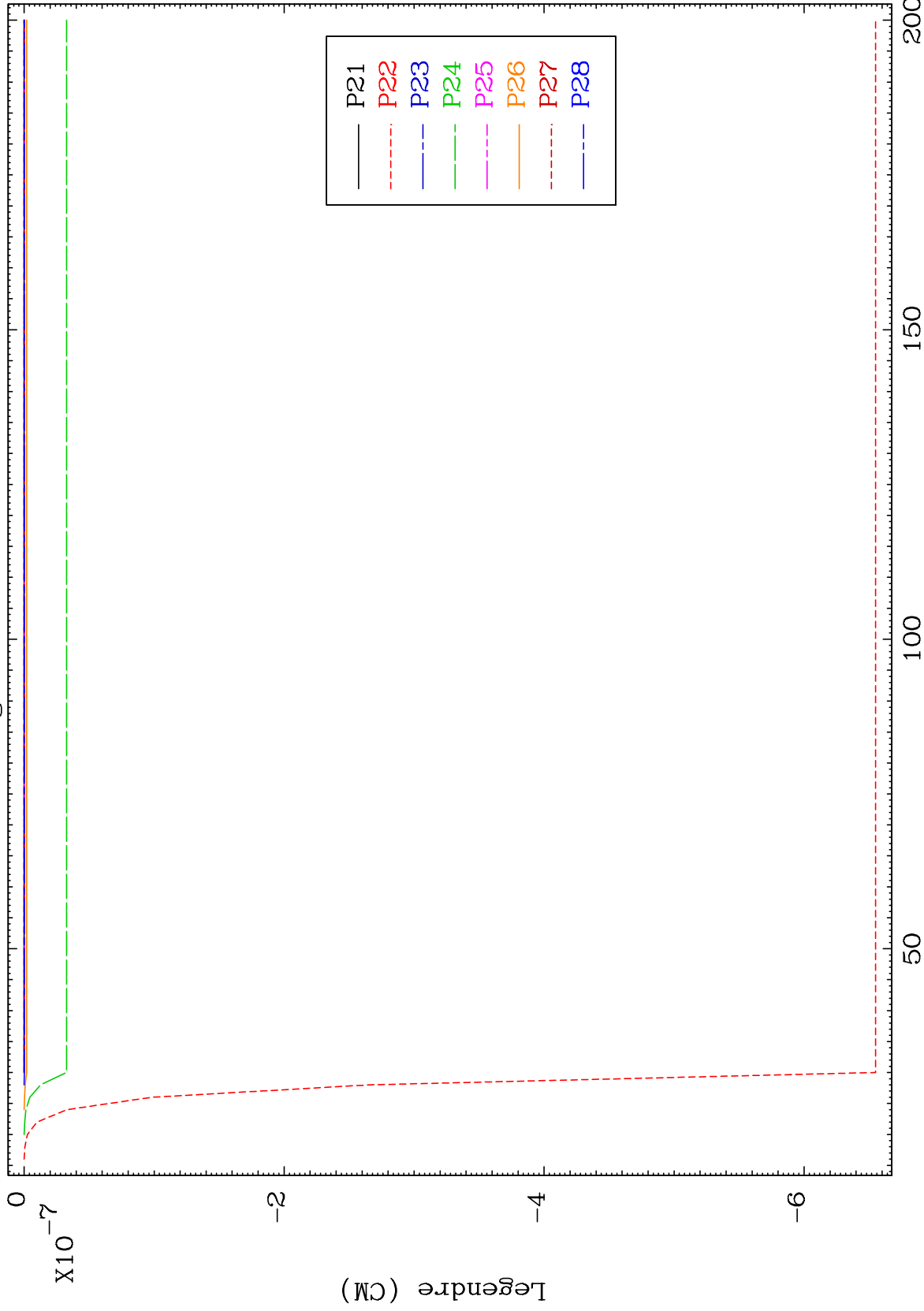
62-Sm-153



MAT 6252

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

62-Sm-153

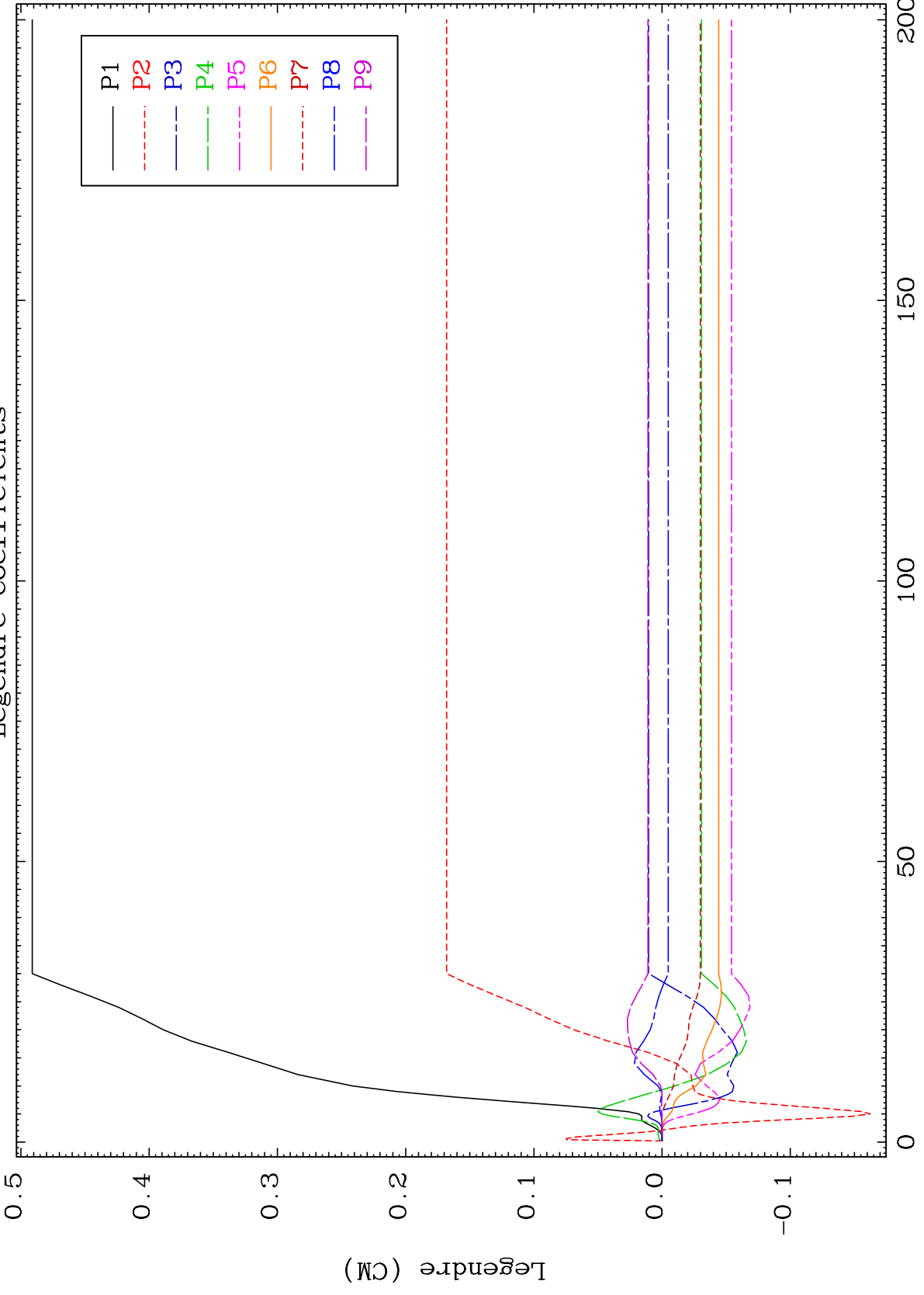


58

Incident Energy (MeV)

62-Sm-153

MAT 6252 MT= 64 (n,n') Level Legendre Coefficients 62-Sm-153

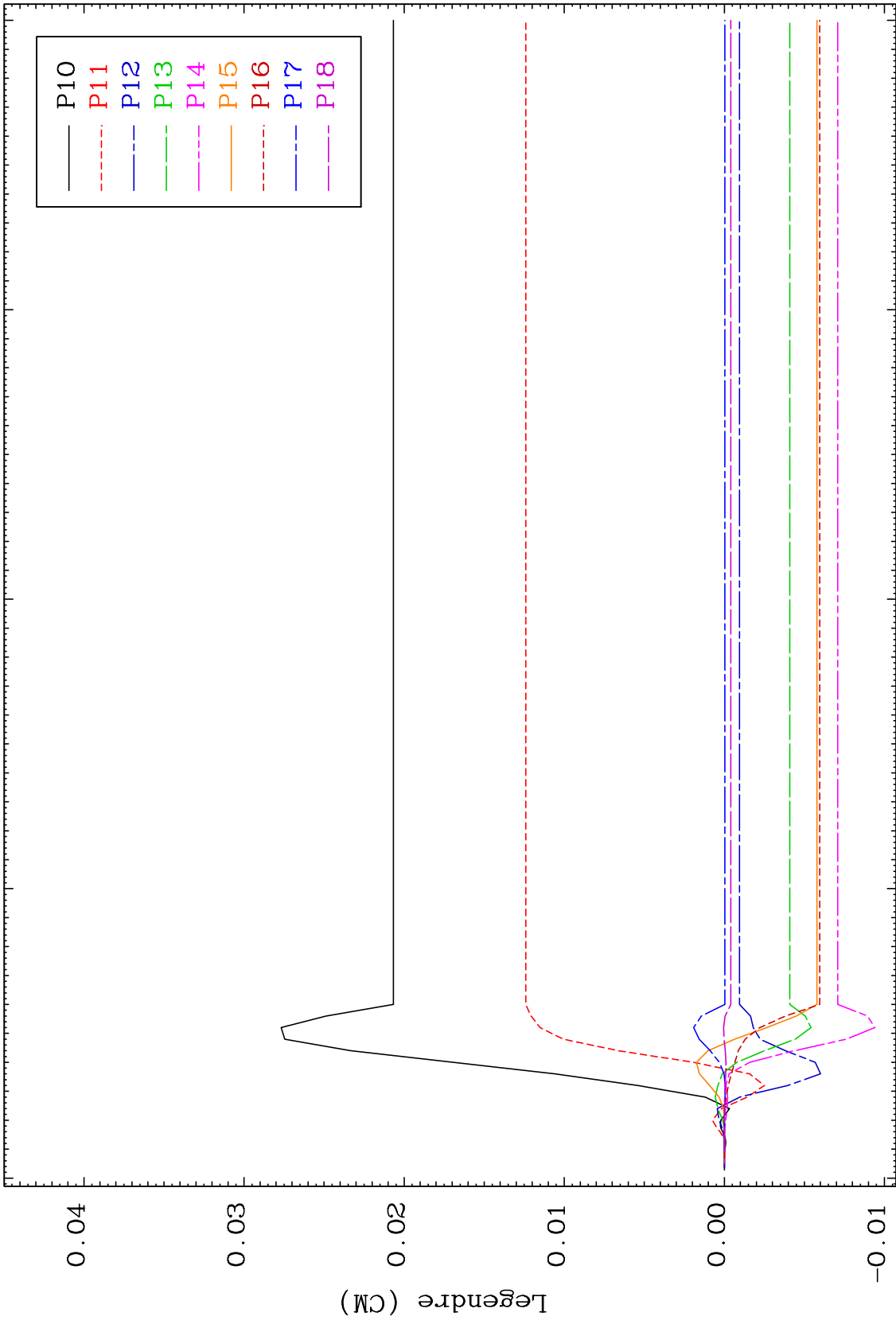


59 Incident Energy (MeV) 62-Sm-153

MAT 6252

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

62-Sm-153



60

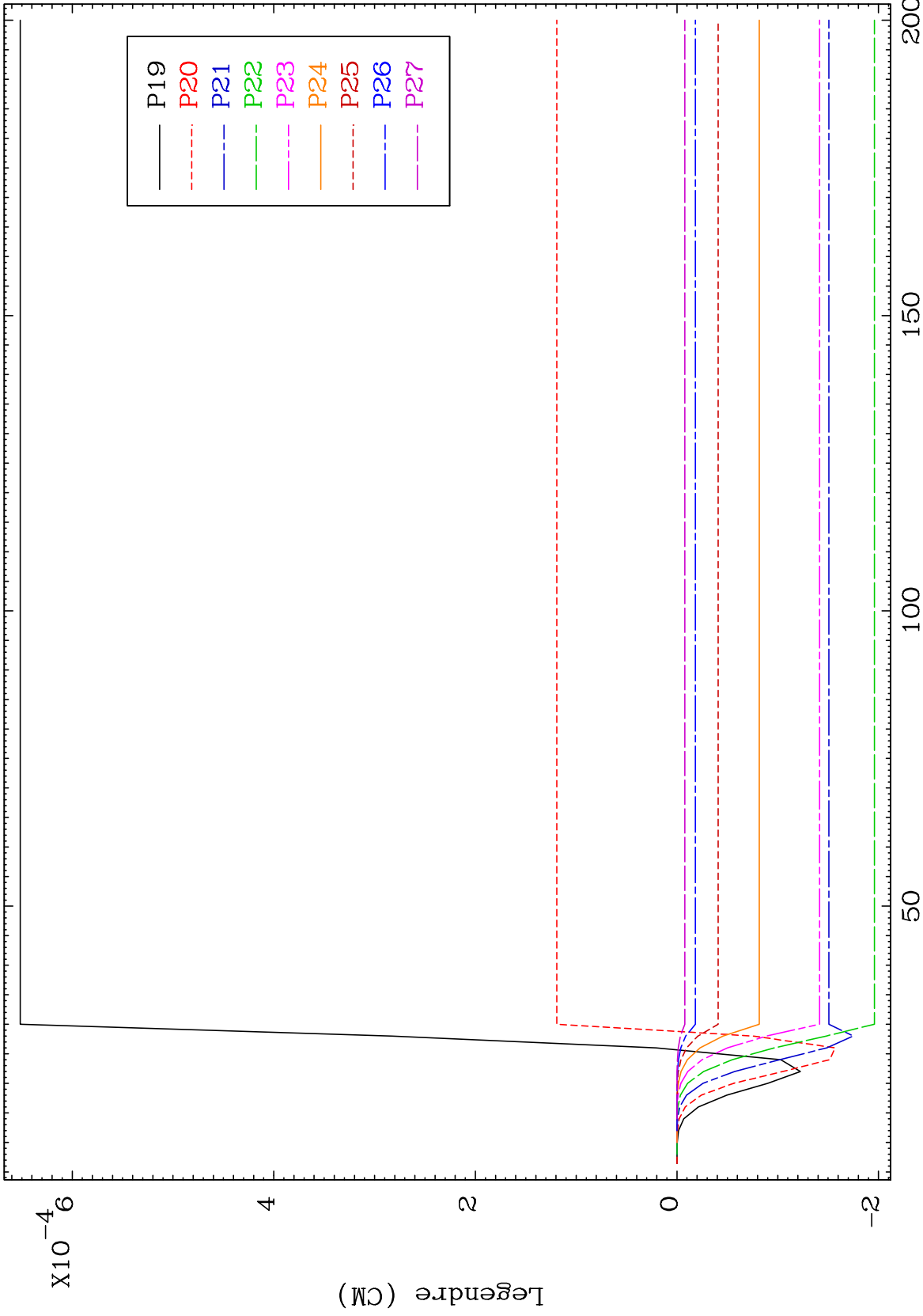
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



61

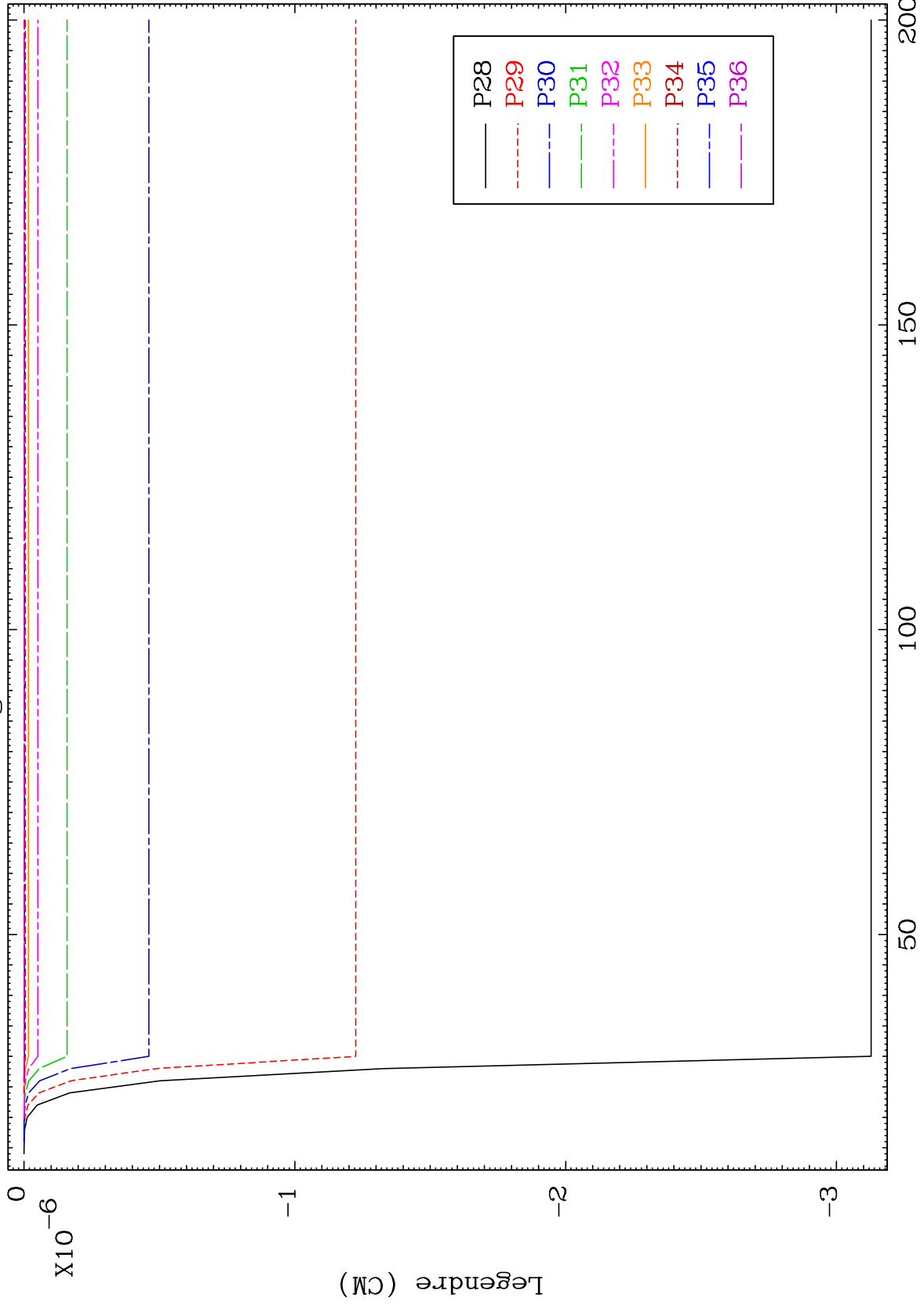
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

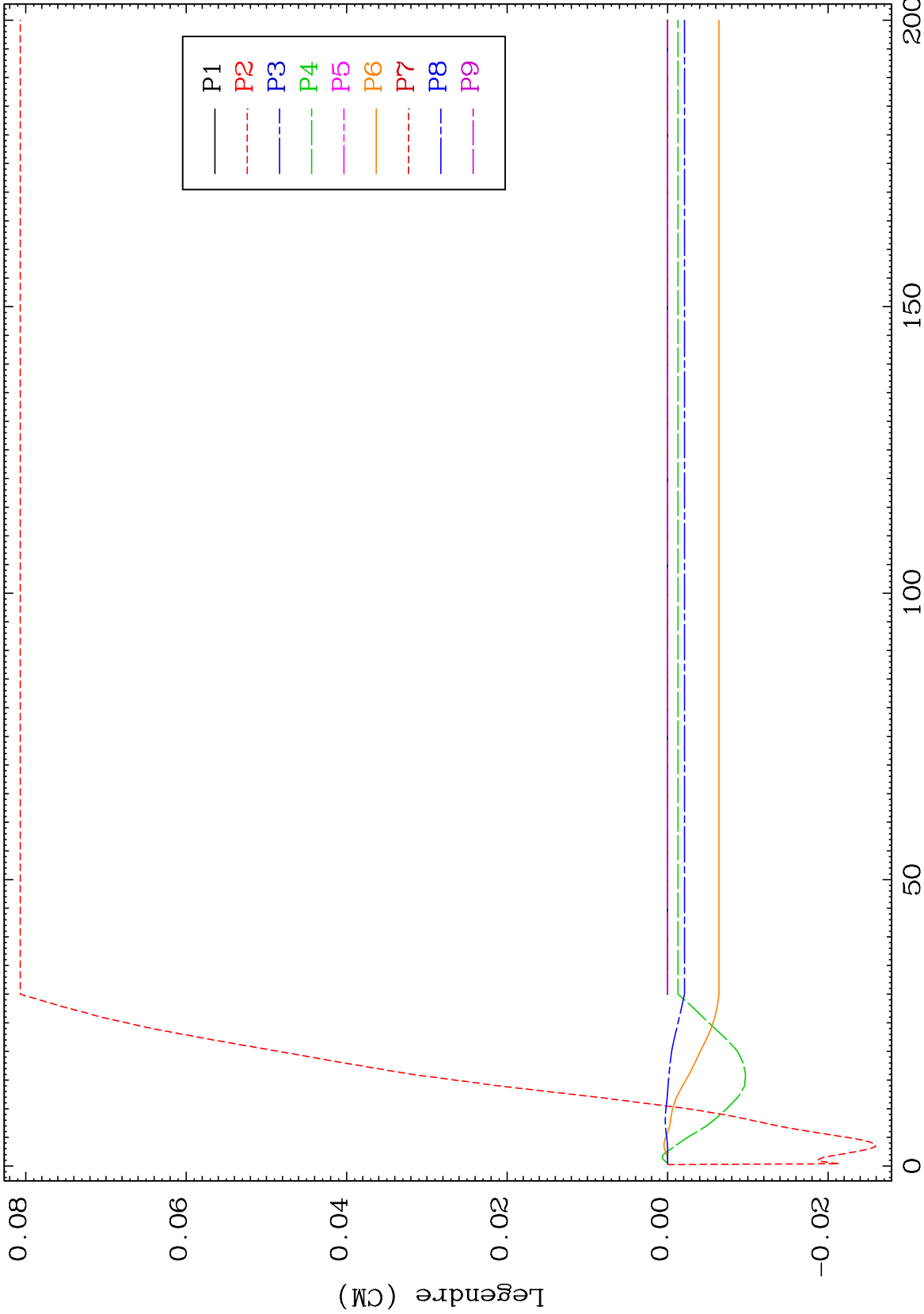
Incident Energy (MeV)

62

MAT 6252

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

62-Sm-153



63

Incident Energy (MeV)

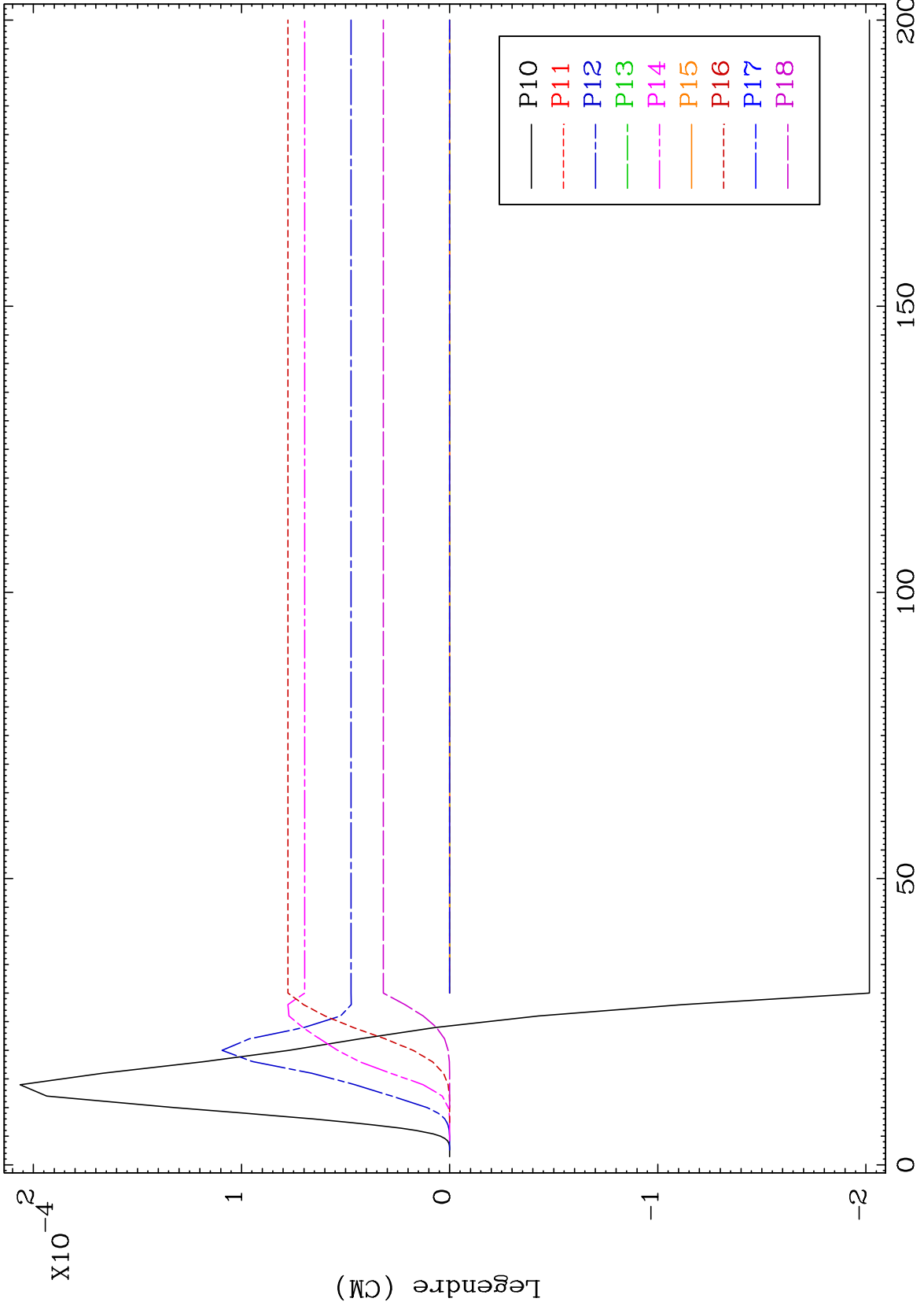
62-Sm-153



MAT 6252

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

62-Sm-153

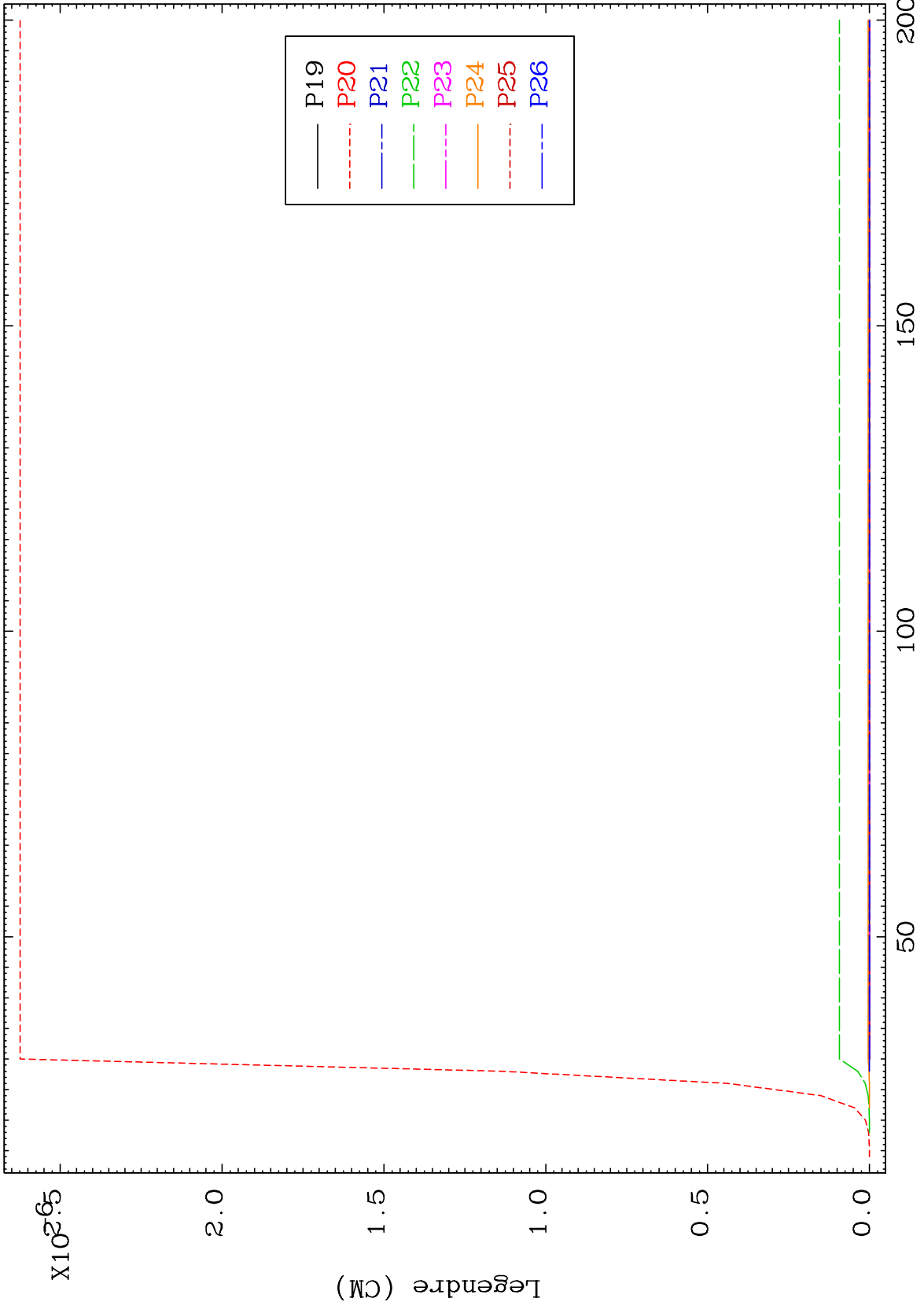


64

Incident Energy (MeV)

62-Sm-153

MAT 6252 MT= 65 (n,n') Level Legendre Coefficients 62-Sm-153



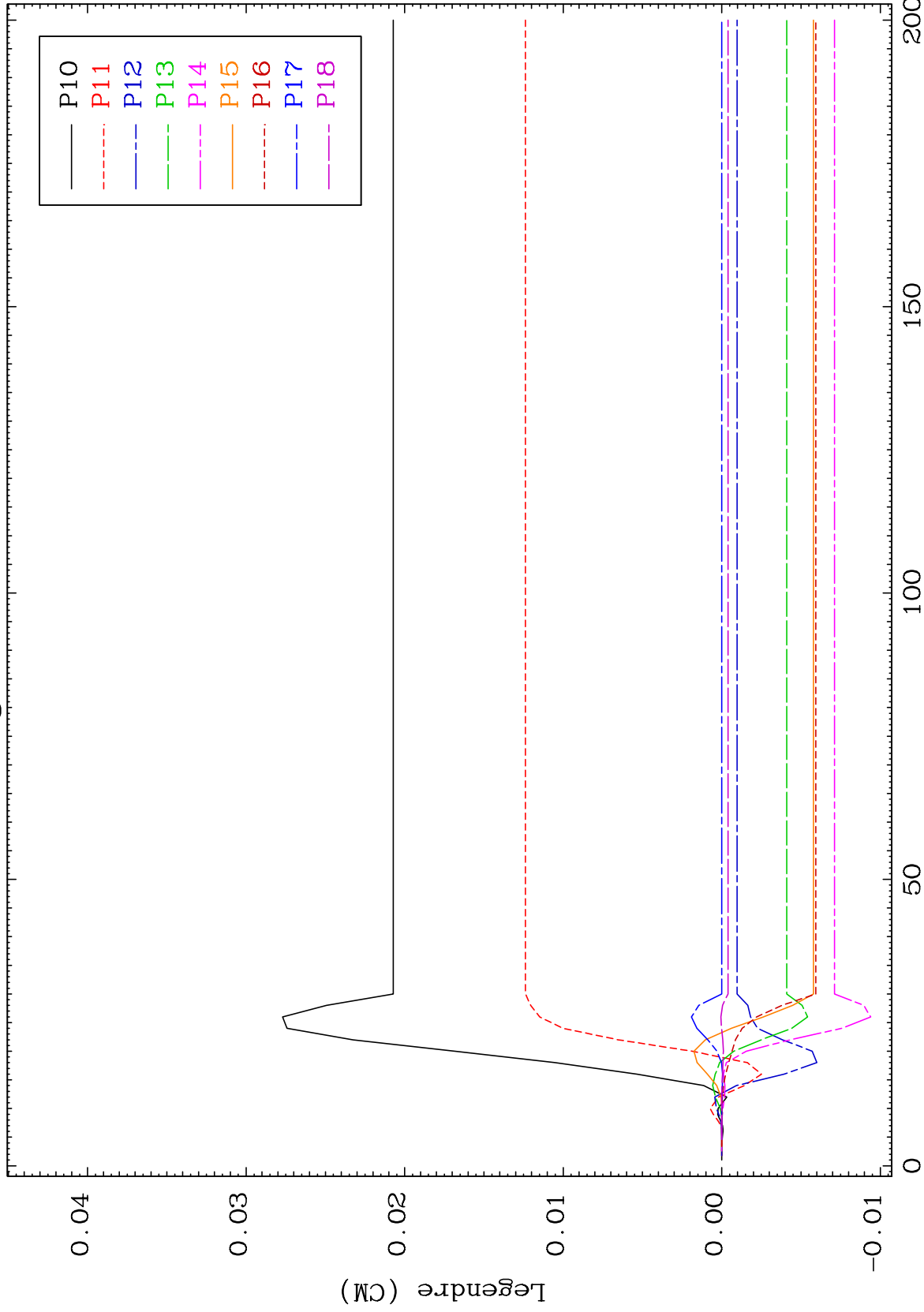
65 62-Sm-153



MAT 6252

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

62-Sm-153



67

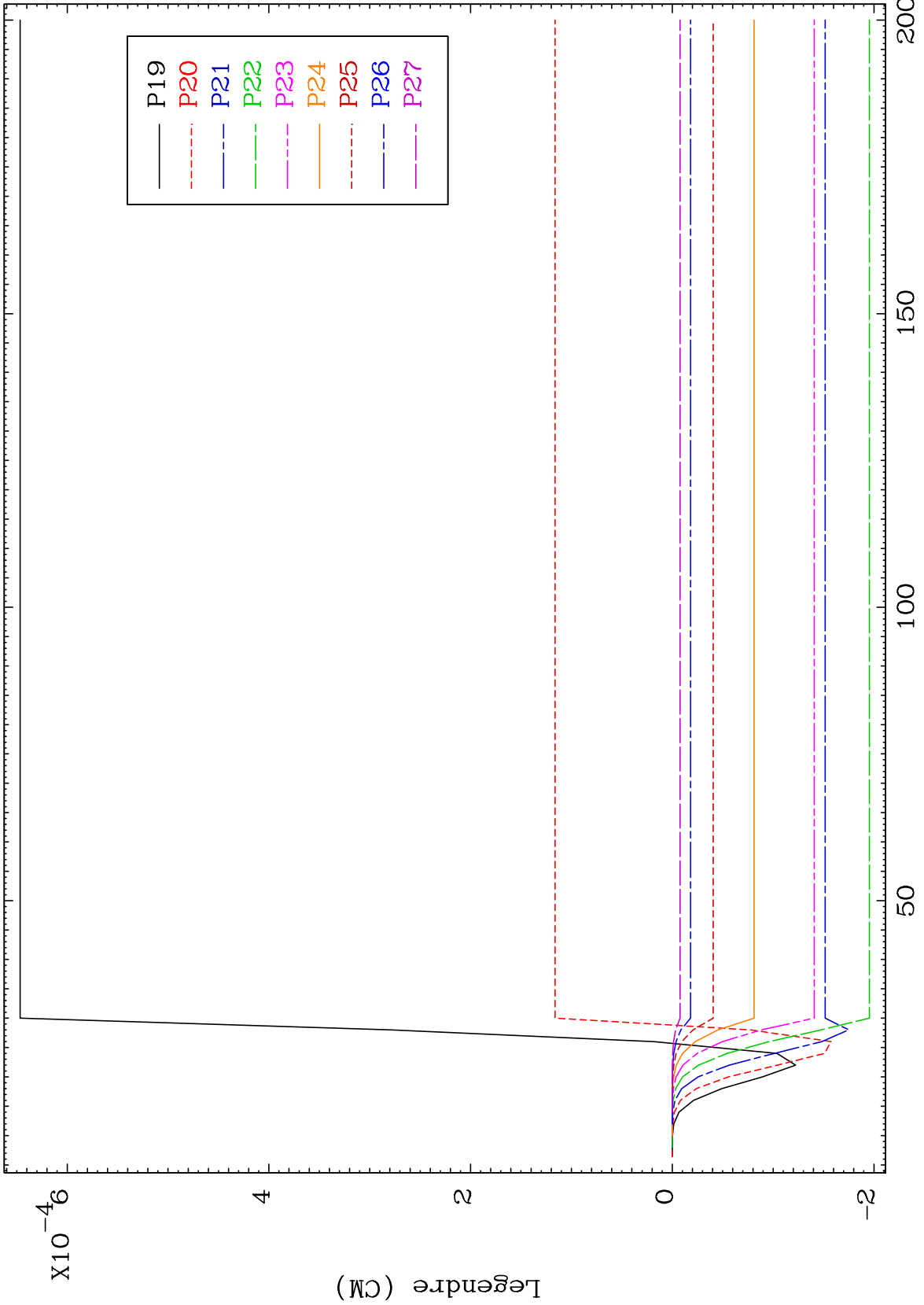
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



68

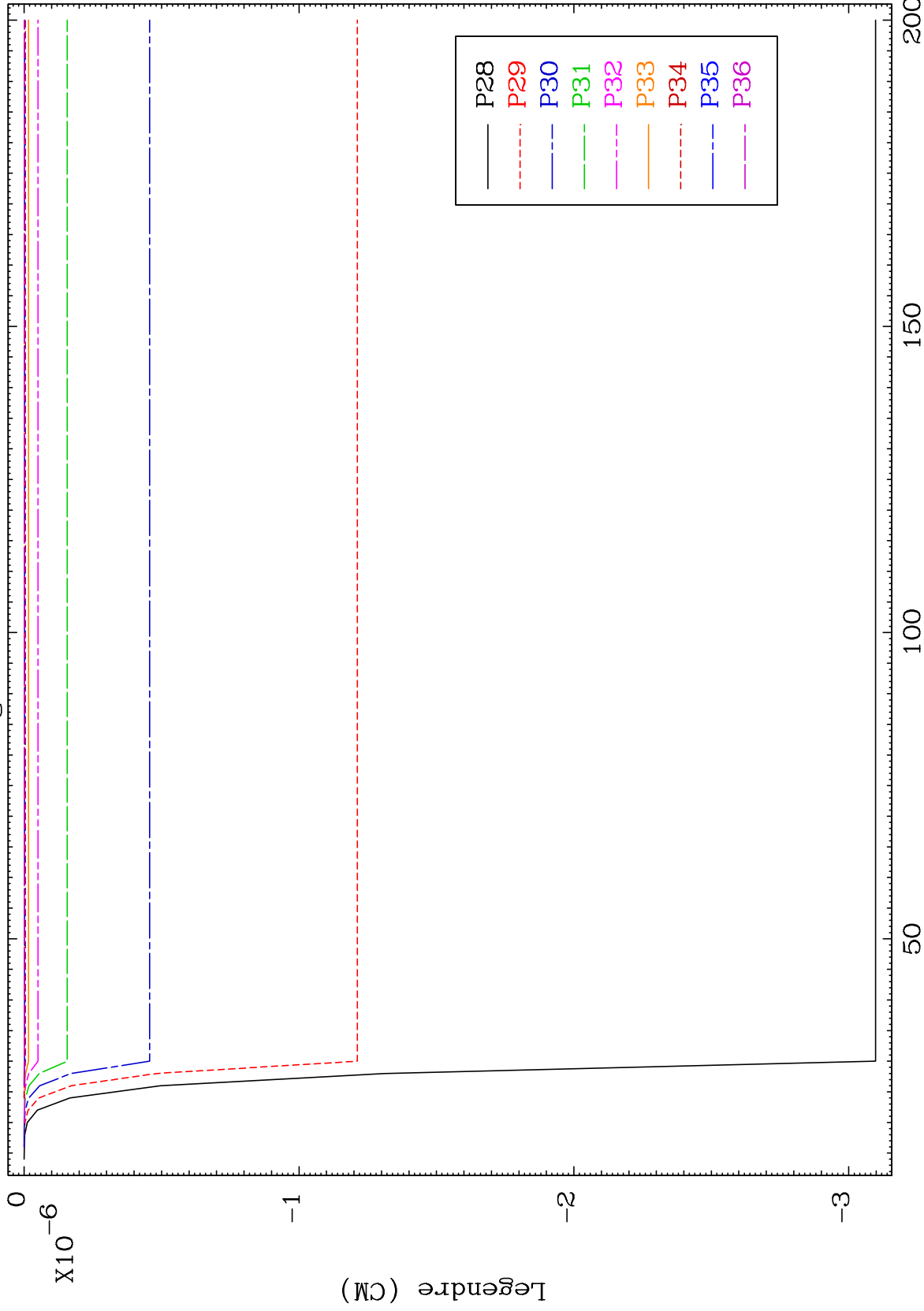
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



69

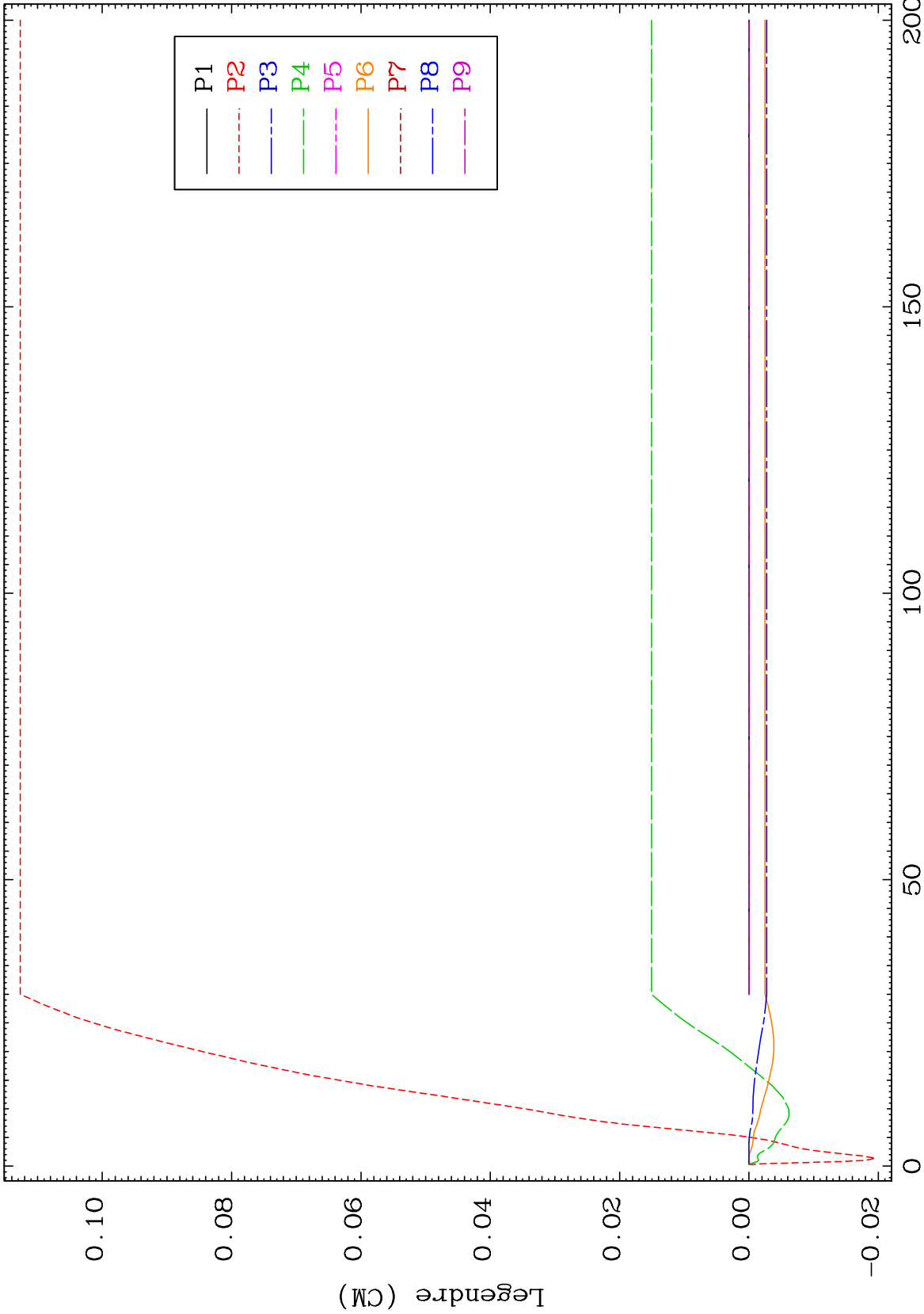
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

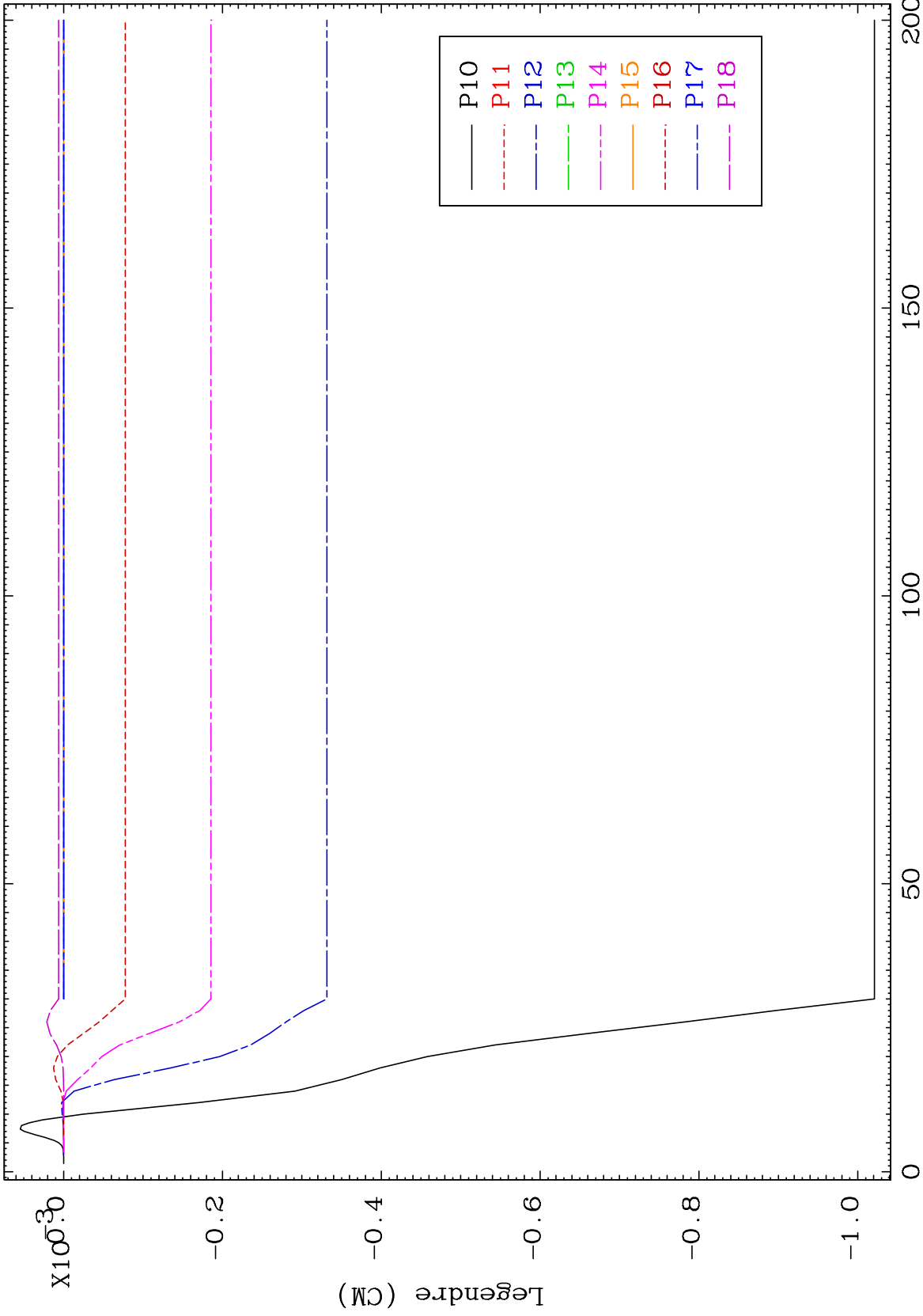
Incident Energy (MeV)

70

MAT 6252

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

62-Sm-153



71

Incident Energy (MeV)

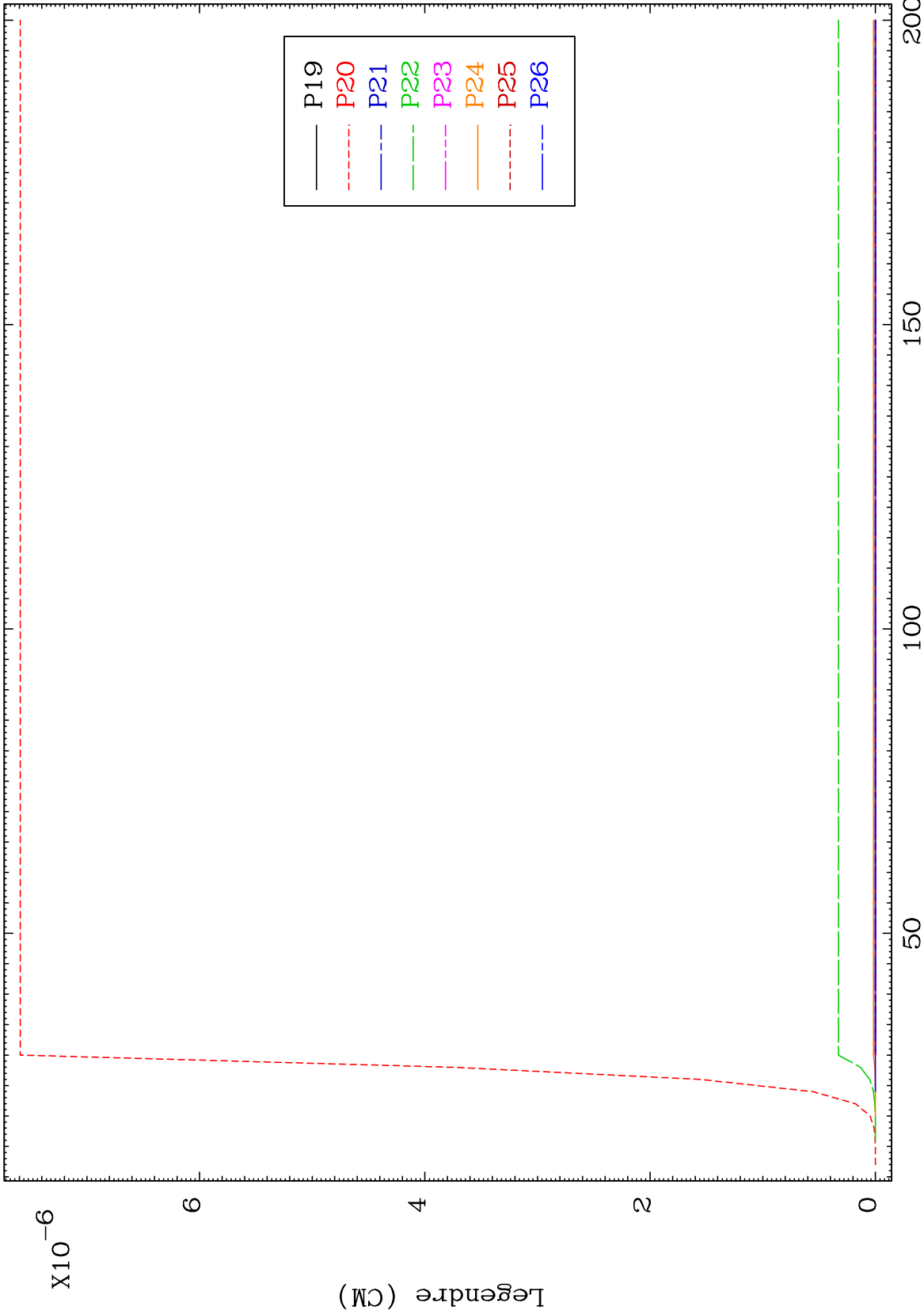
62-Sm-153



MAT 6252

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

62-Sm-153



72

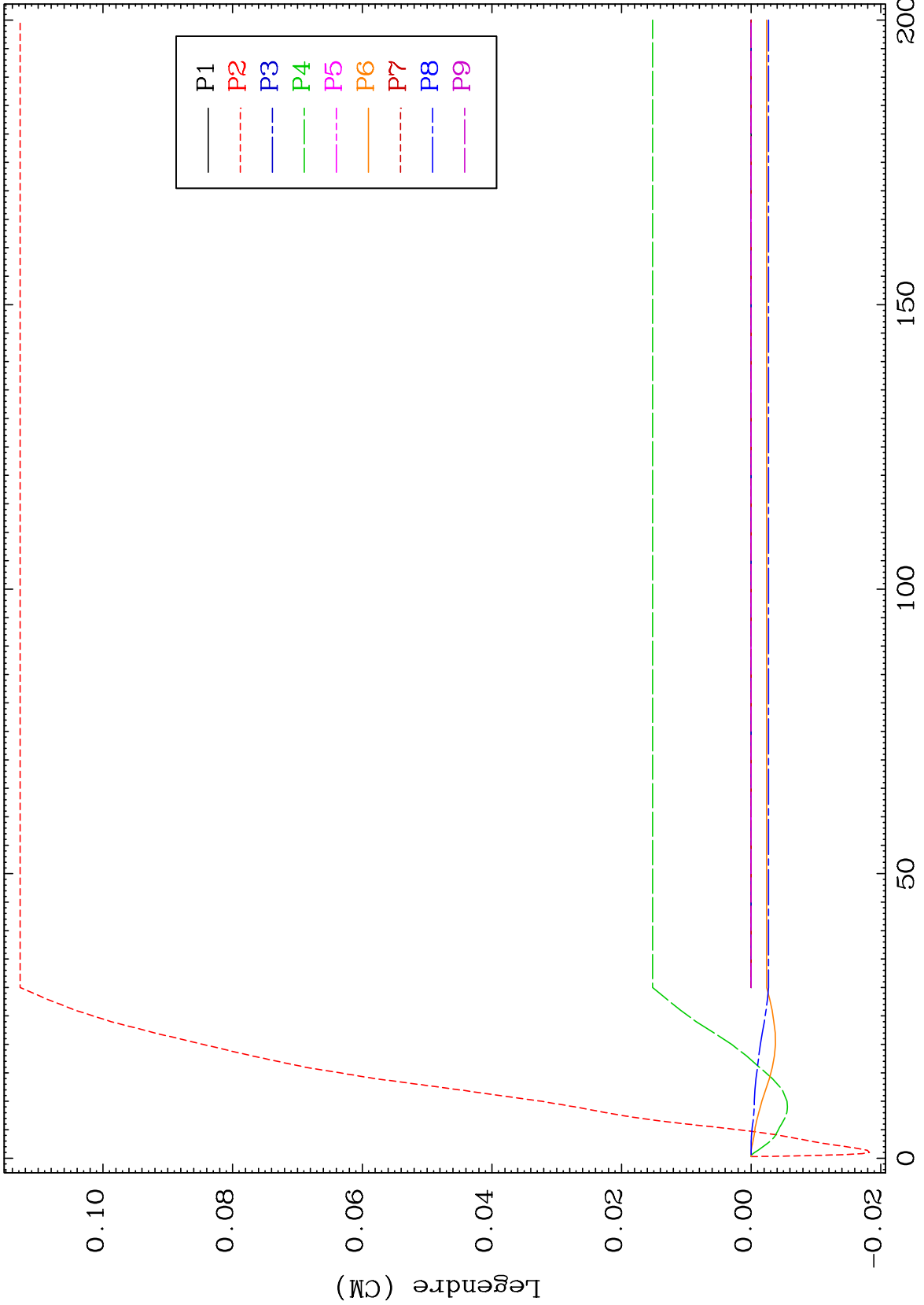
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



73

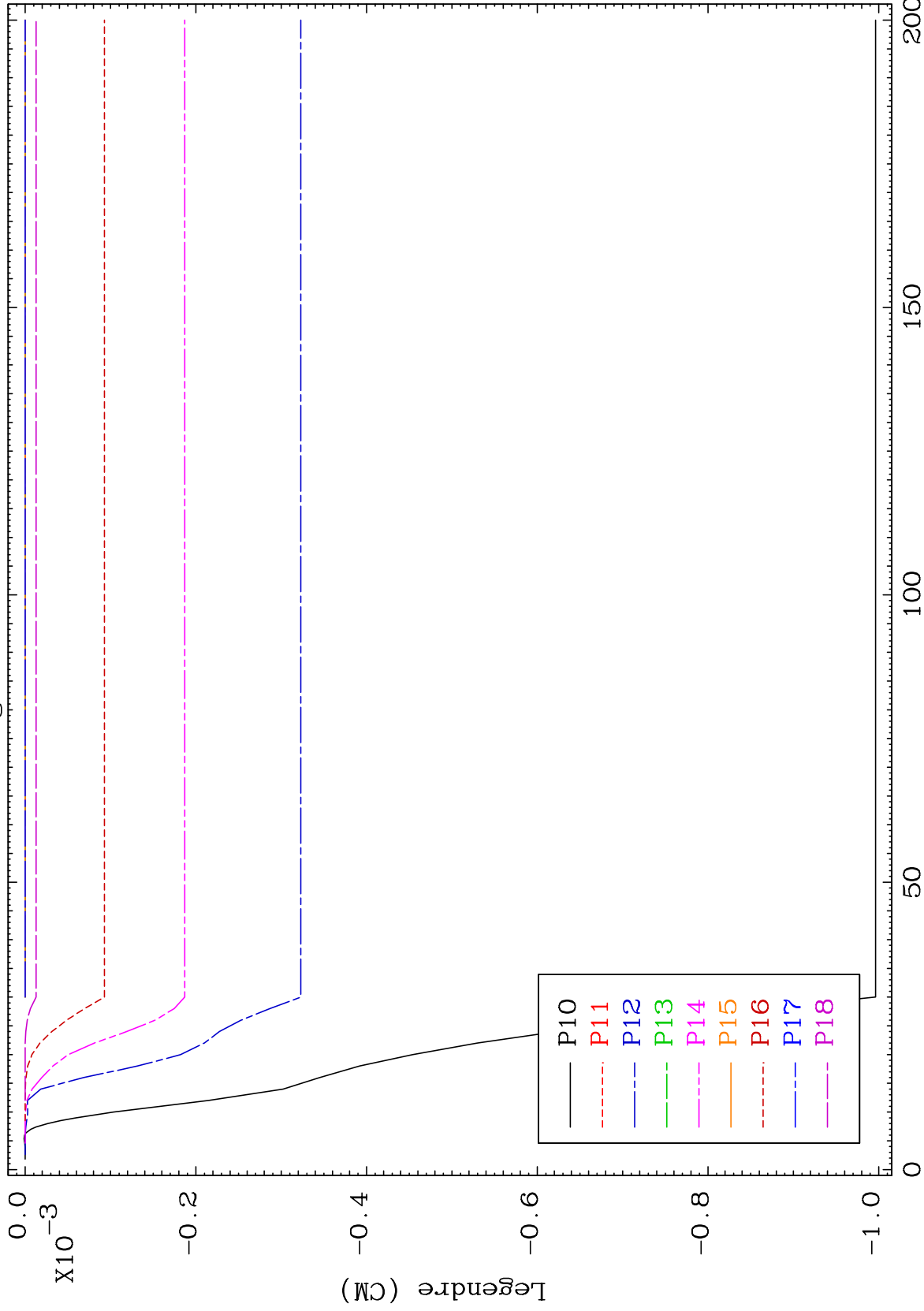
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153

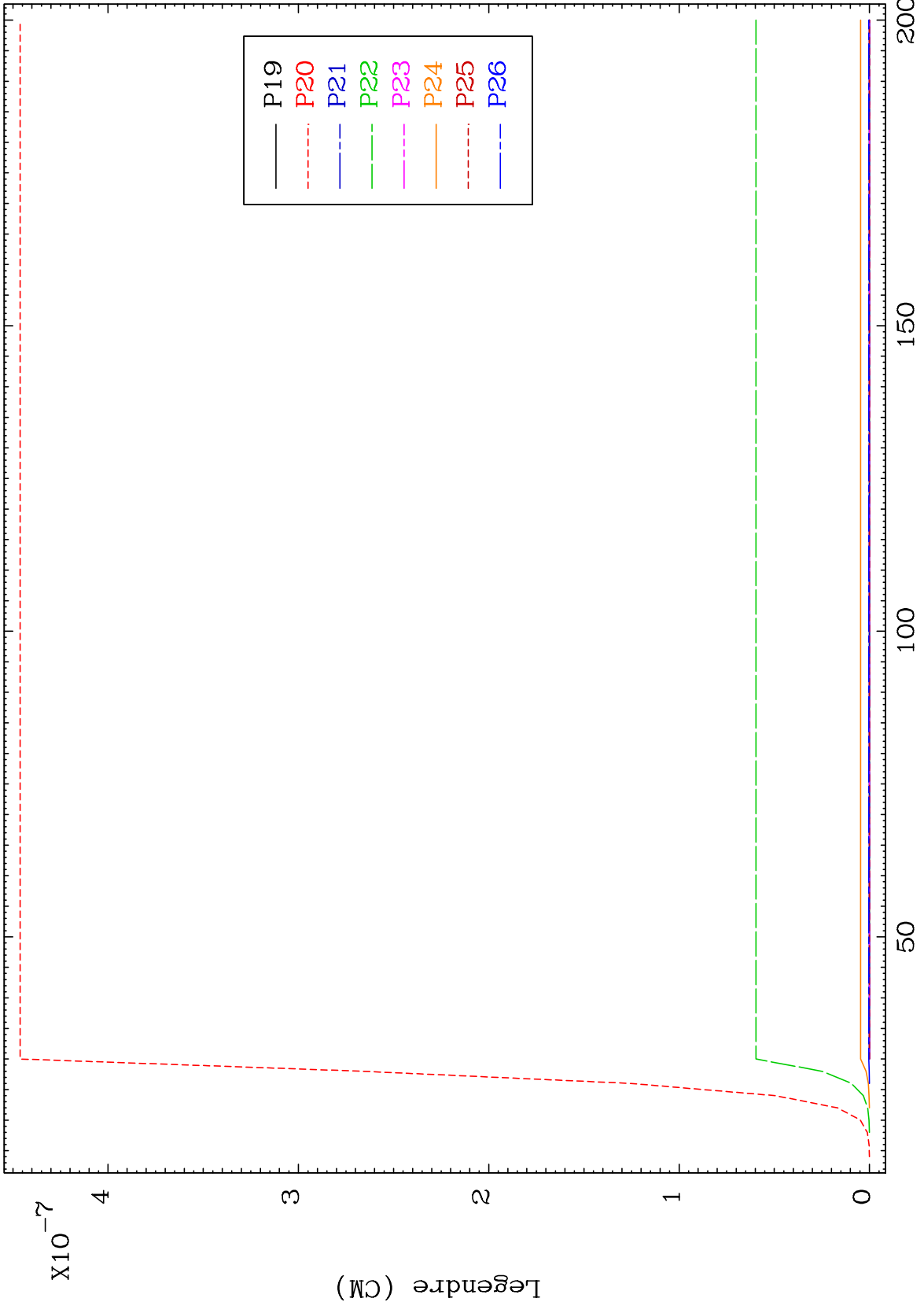


74

Incident Energy (MeV)

62-Sm-153

MAT 6252 MT= 68 (n,n') Level Legendre Coefficients 62-Sm-153

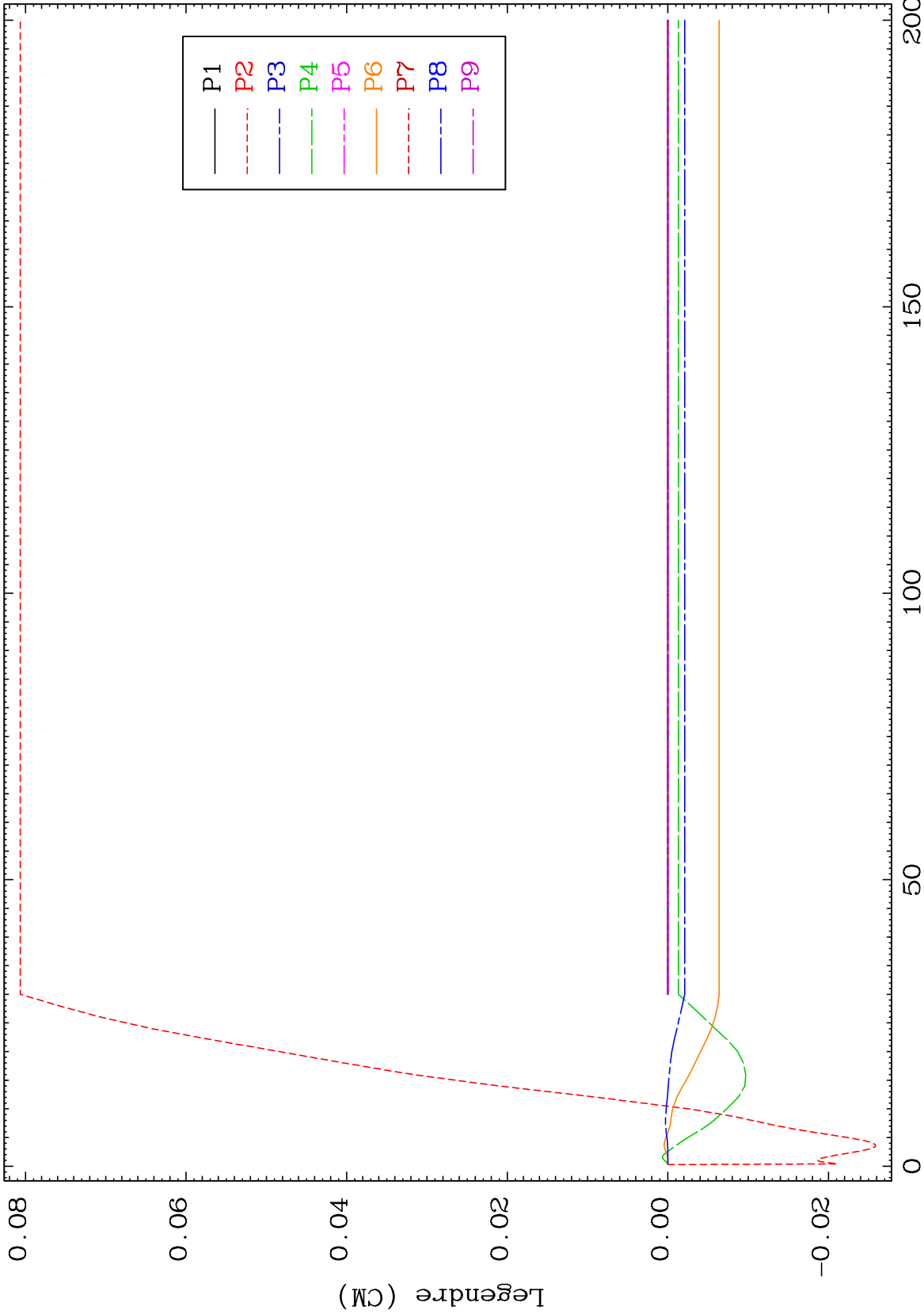


75 50 100 150 200 62-Sm-153

MAT 6252

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

62-Sm-153



76

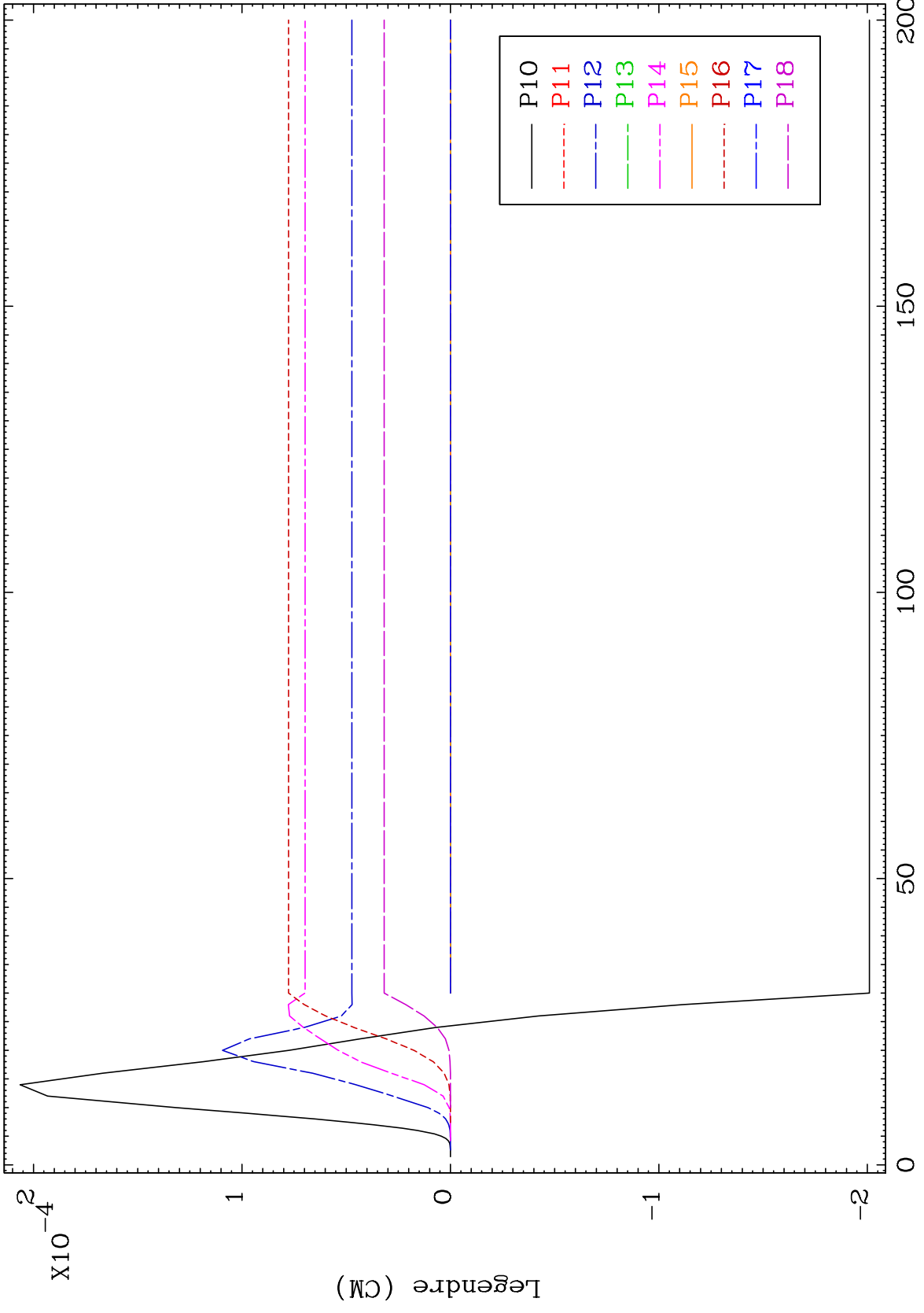
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153

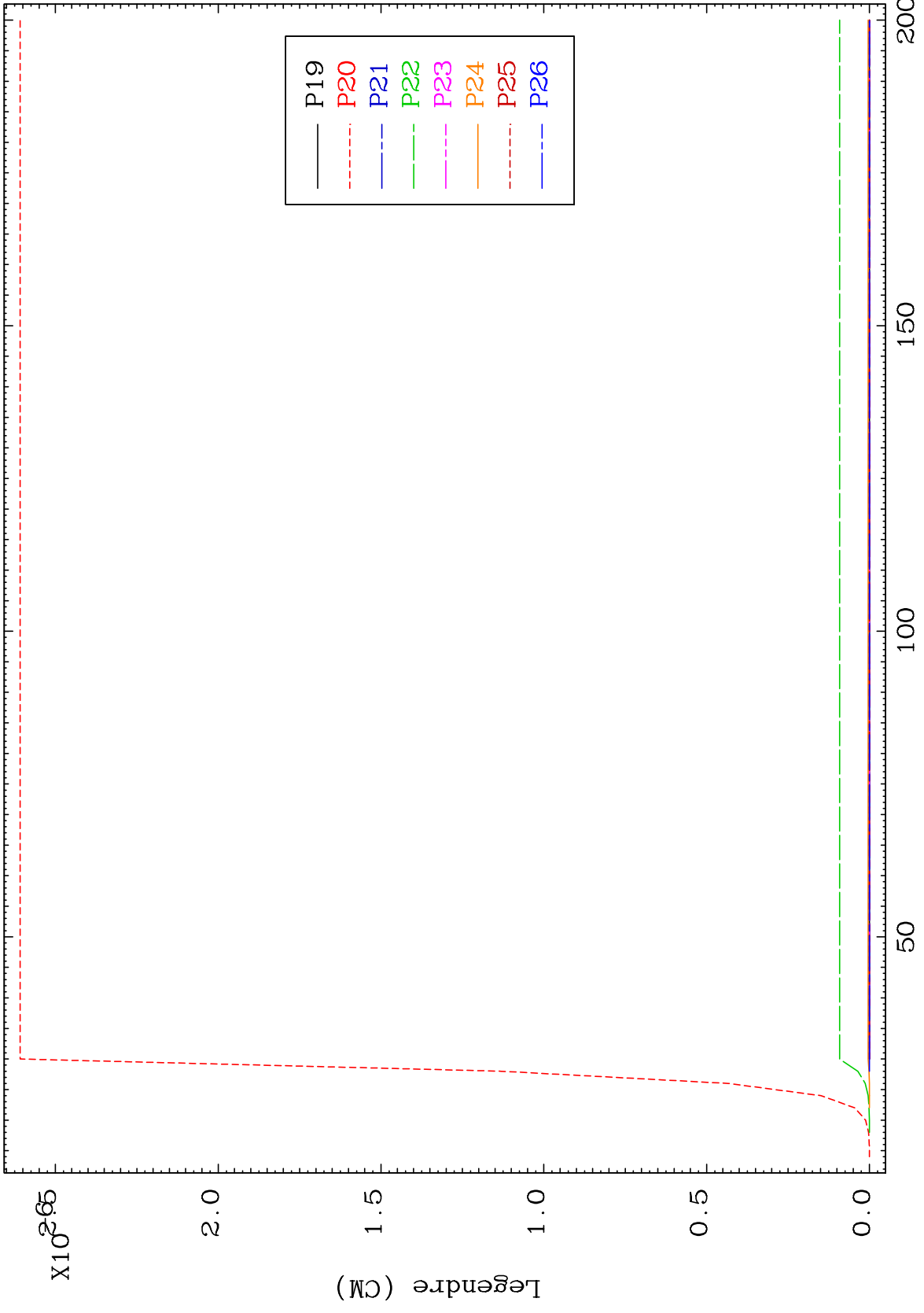


77

Incident Energy (MeV)

62-Sm-153

MAT 6252 MT= 69 (n,n') Level Legendre Coefficients 62-Sm-153

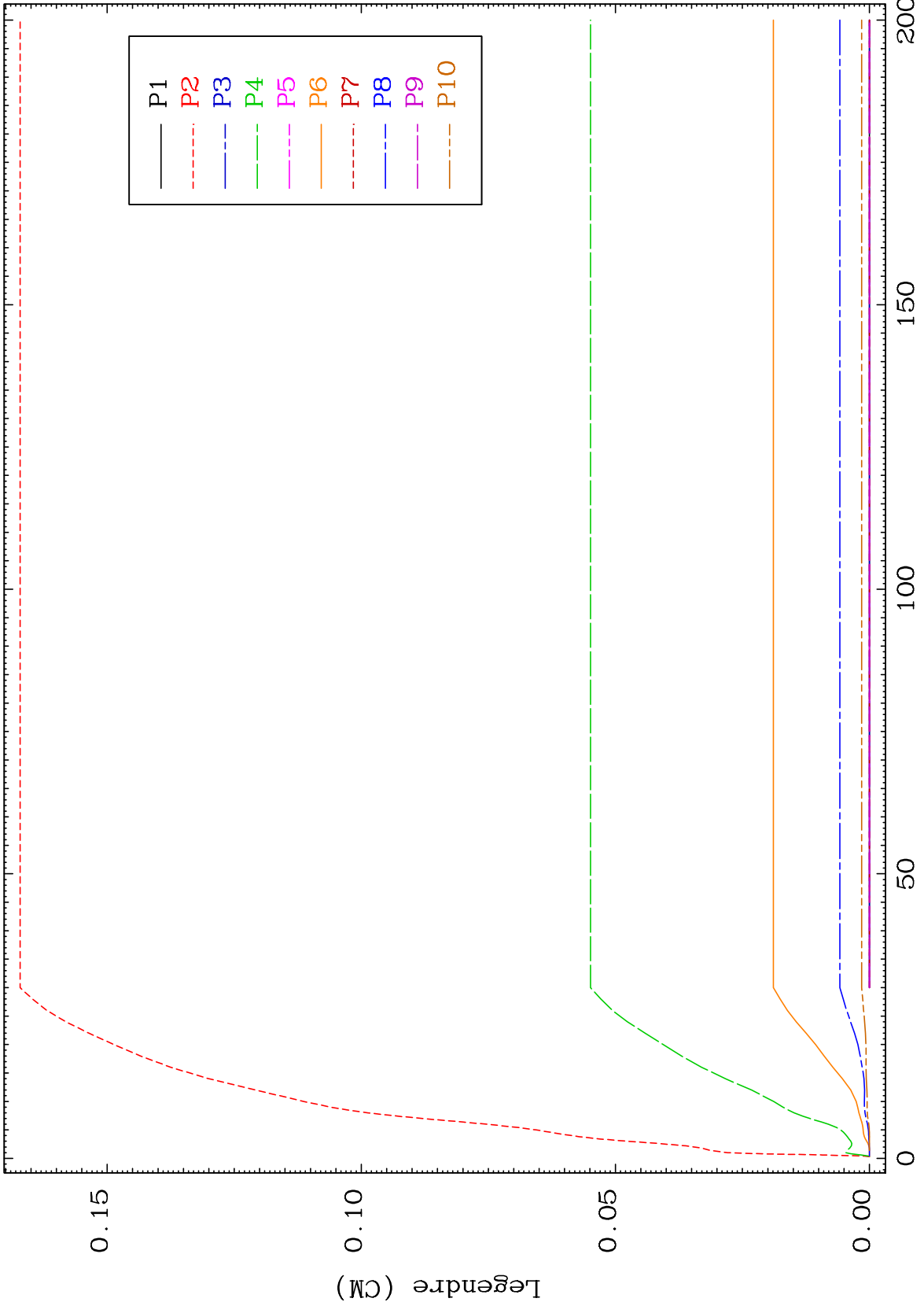


78 Incident Energy (MeV) 62-Sm-153

MAT 6252

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

62-Sm-153



79

Incident Energy (MeV)

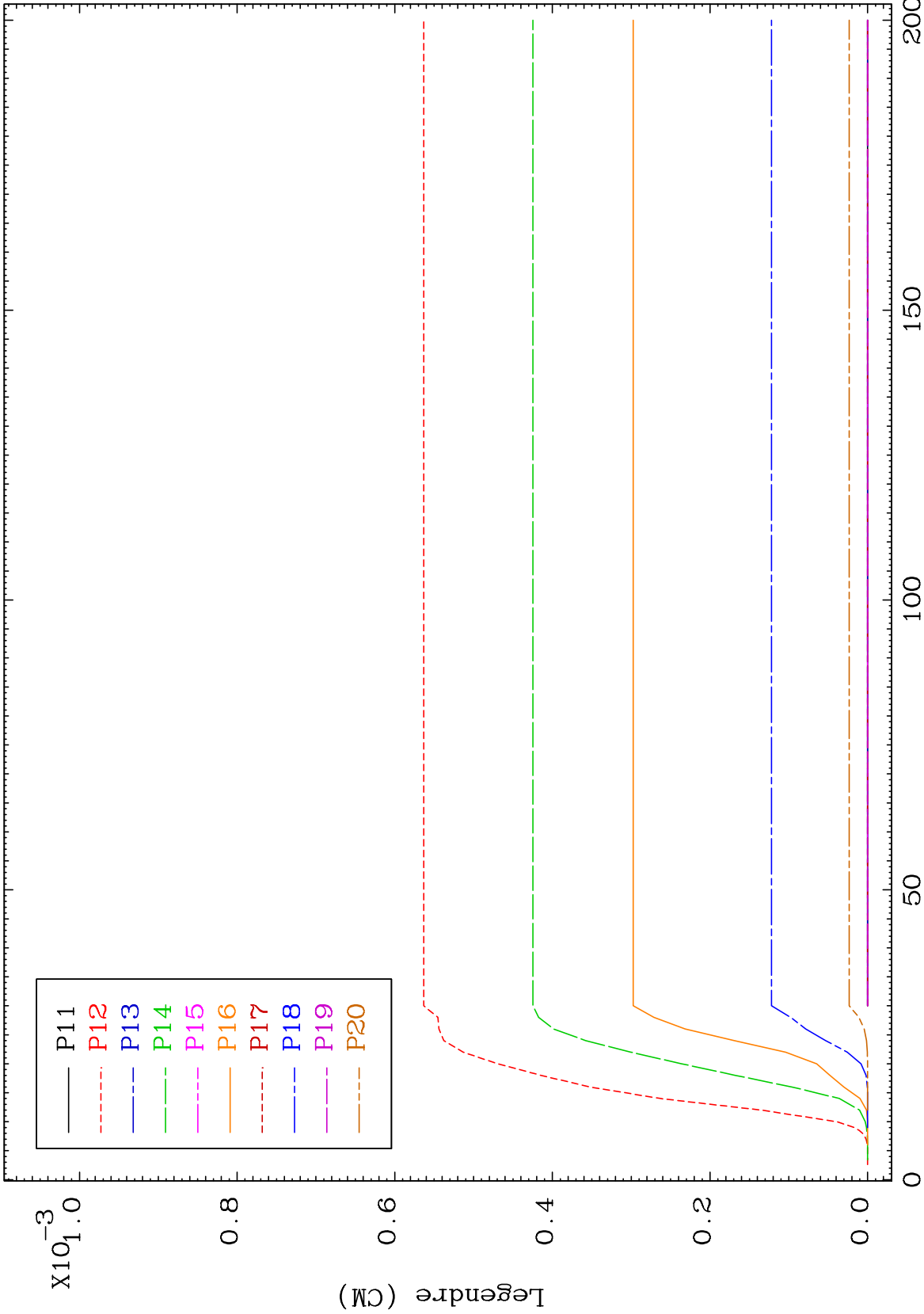
62-Sm-153



MAT 6252

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

62-Sm-153



80

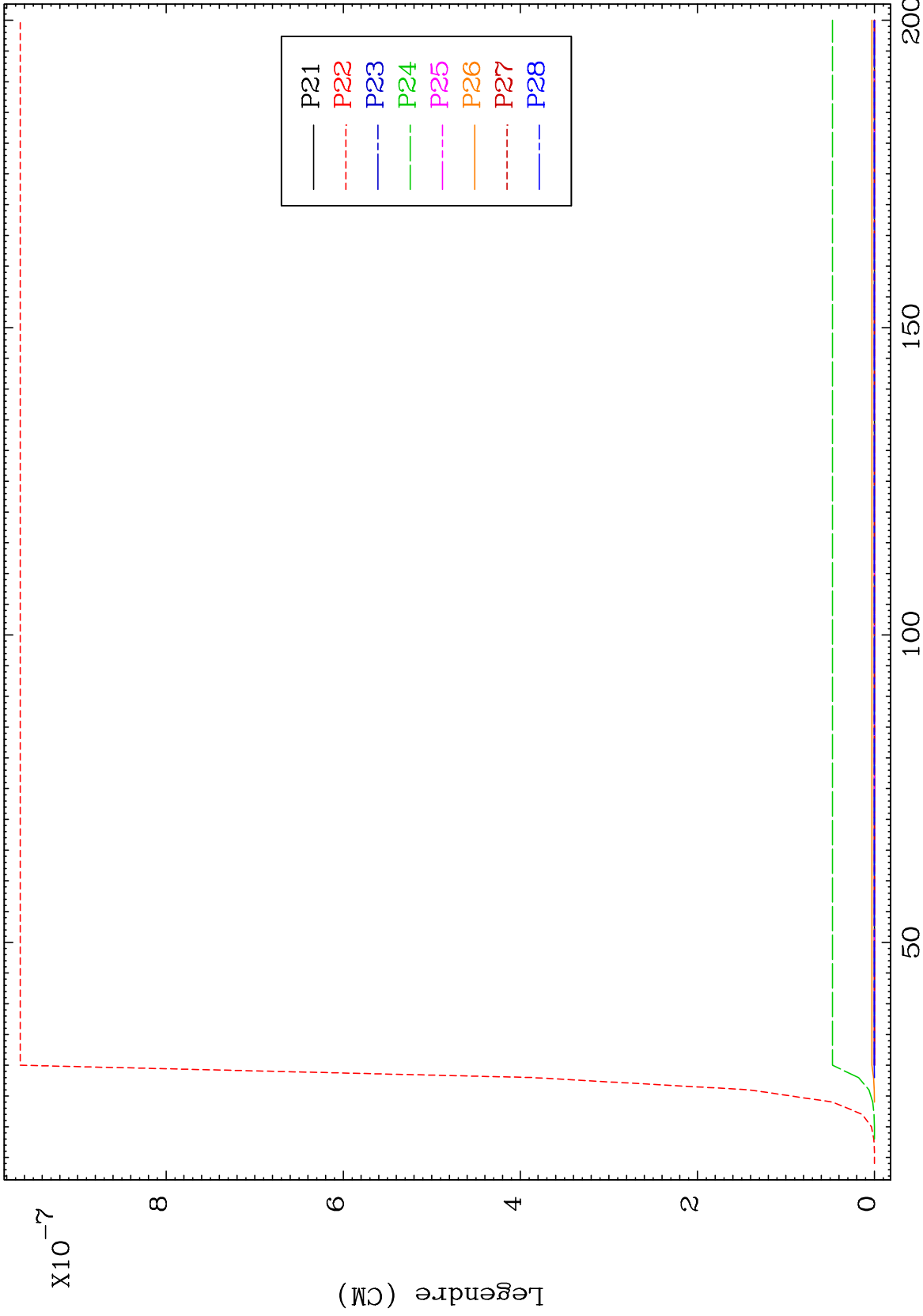
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



81

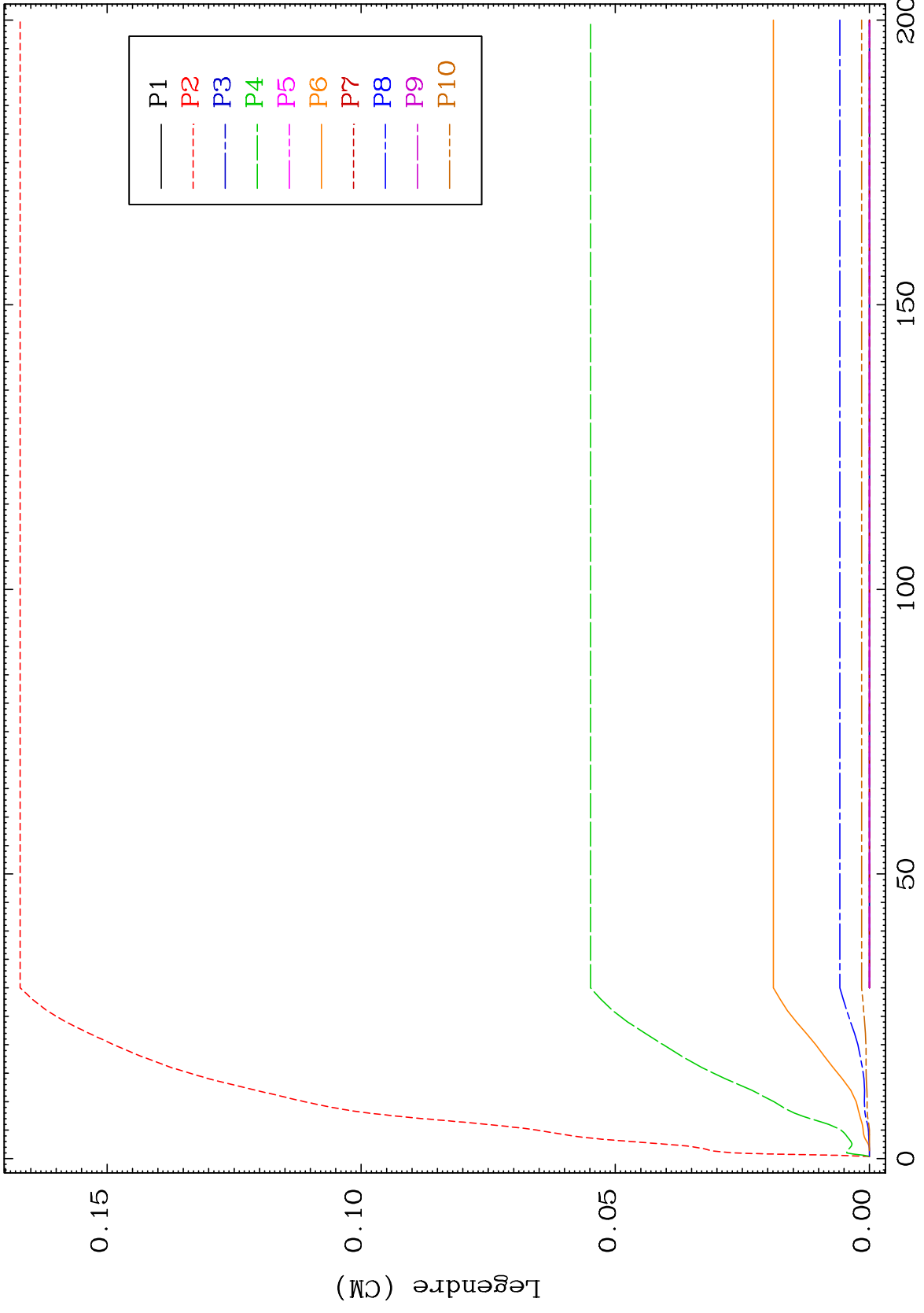
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



82

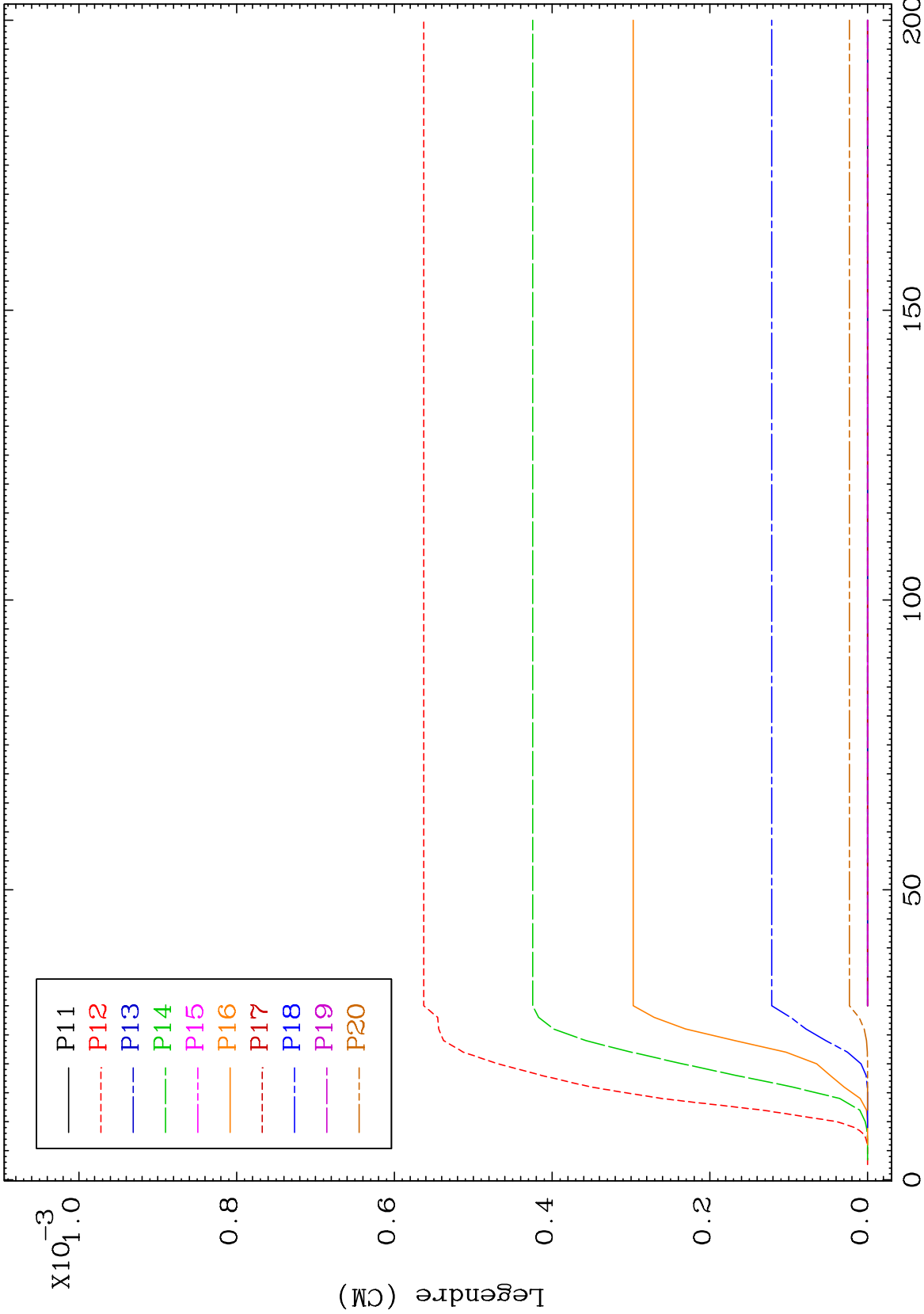
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



83

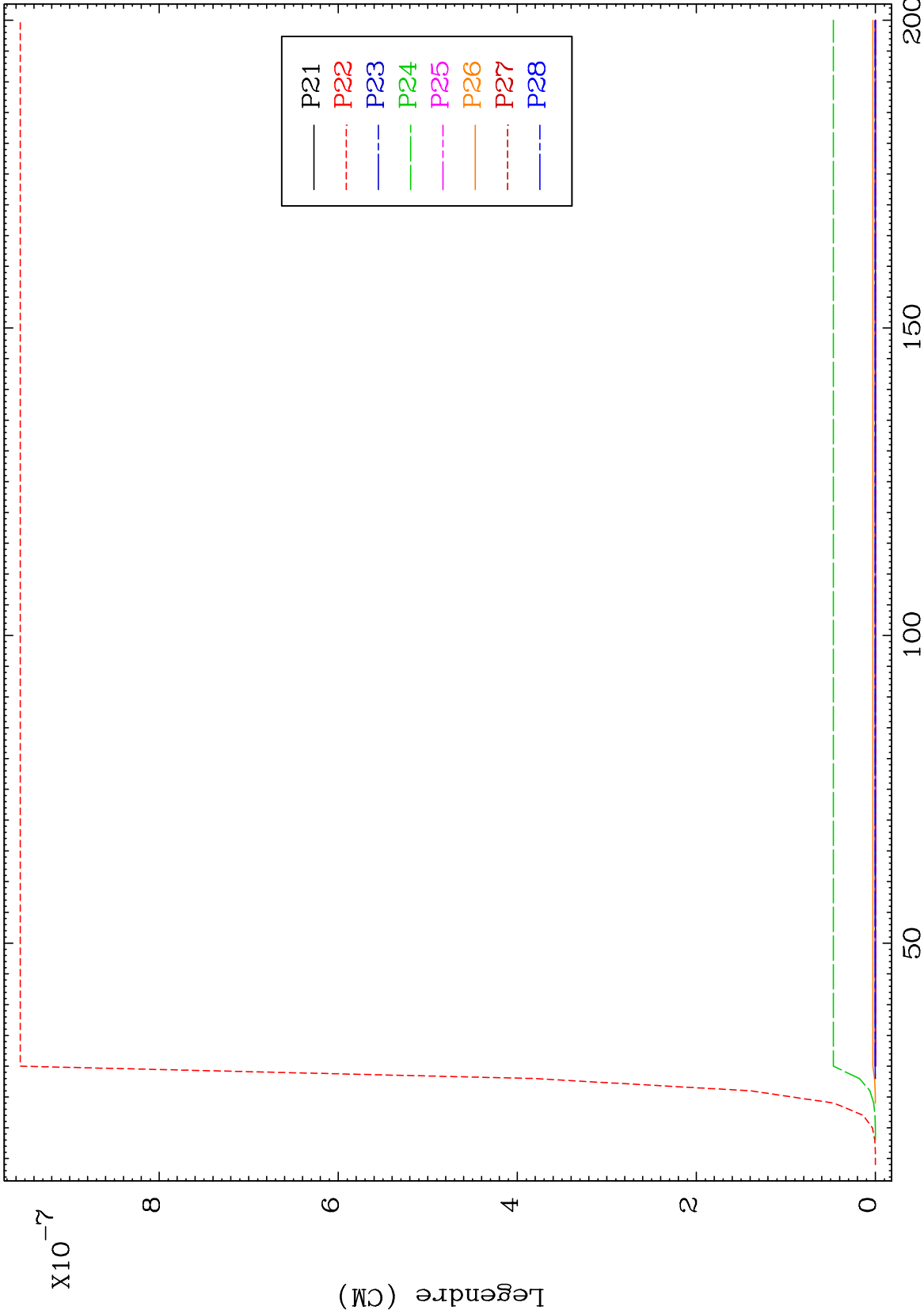
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153

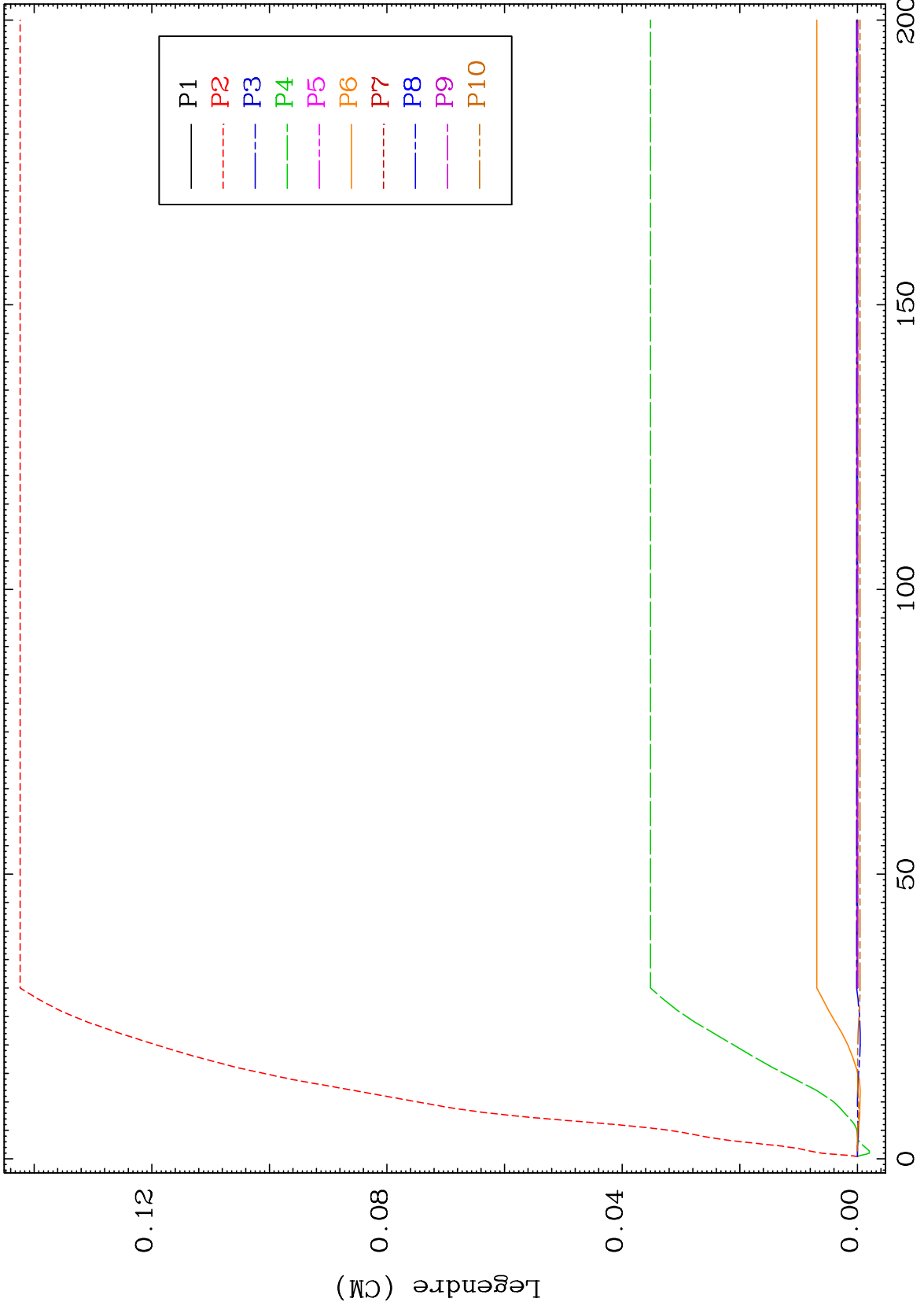


84

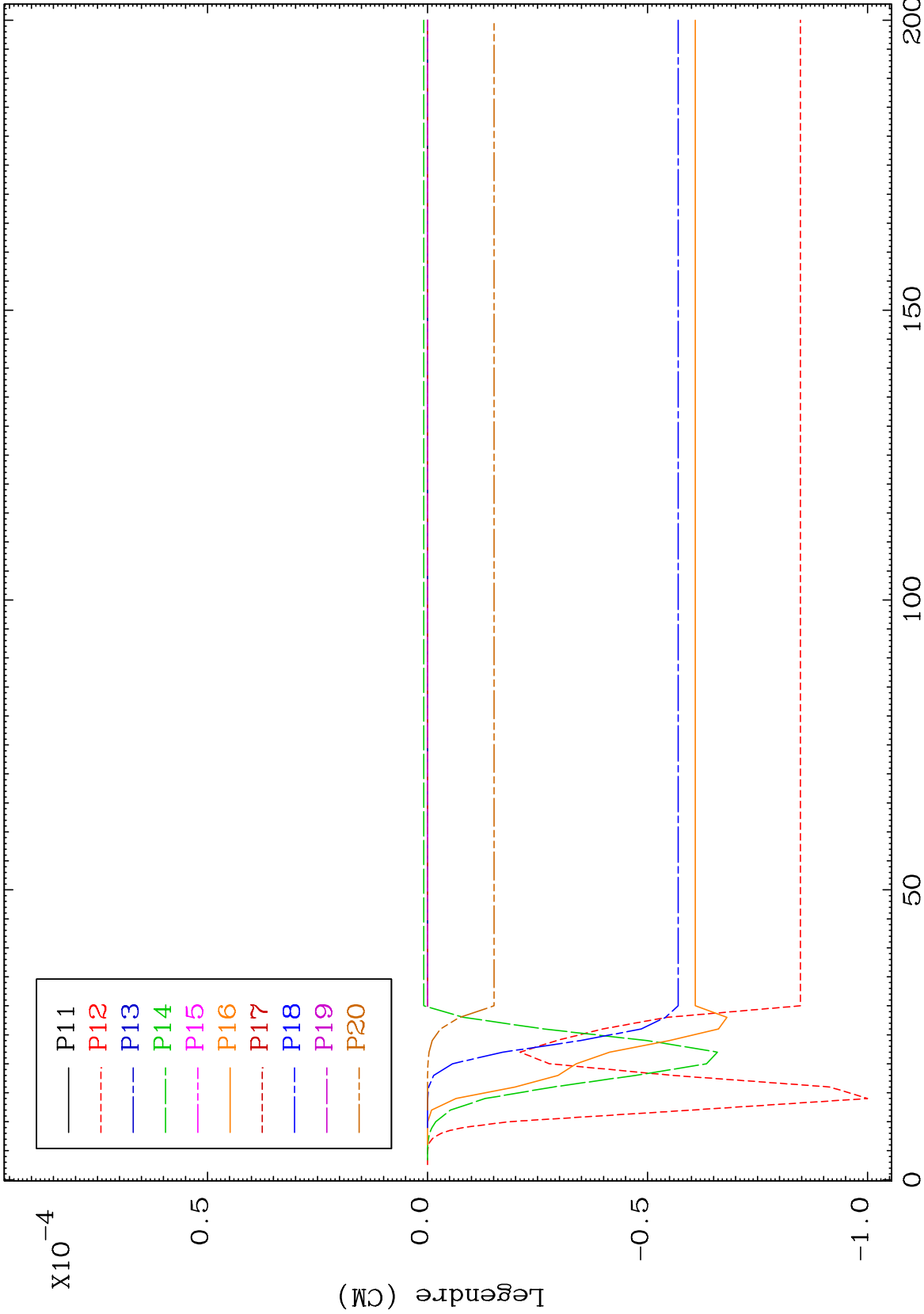
Incident Energy (MeV)

62-Sm-153

MAT 6252 MT= 72 (n,n') Level Legendre Coefficients 62-Sm-153



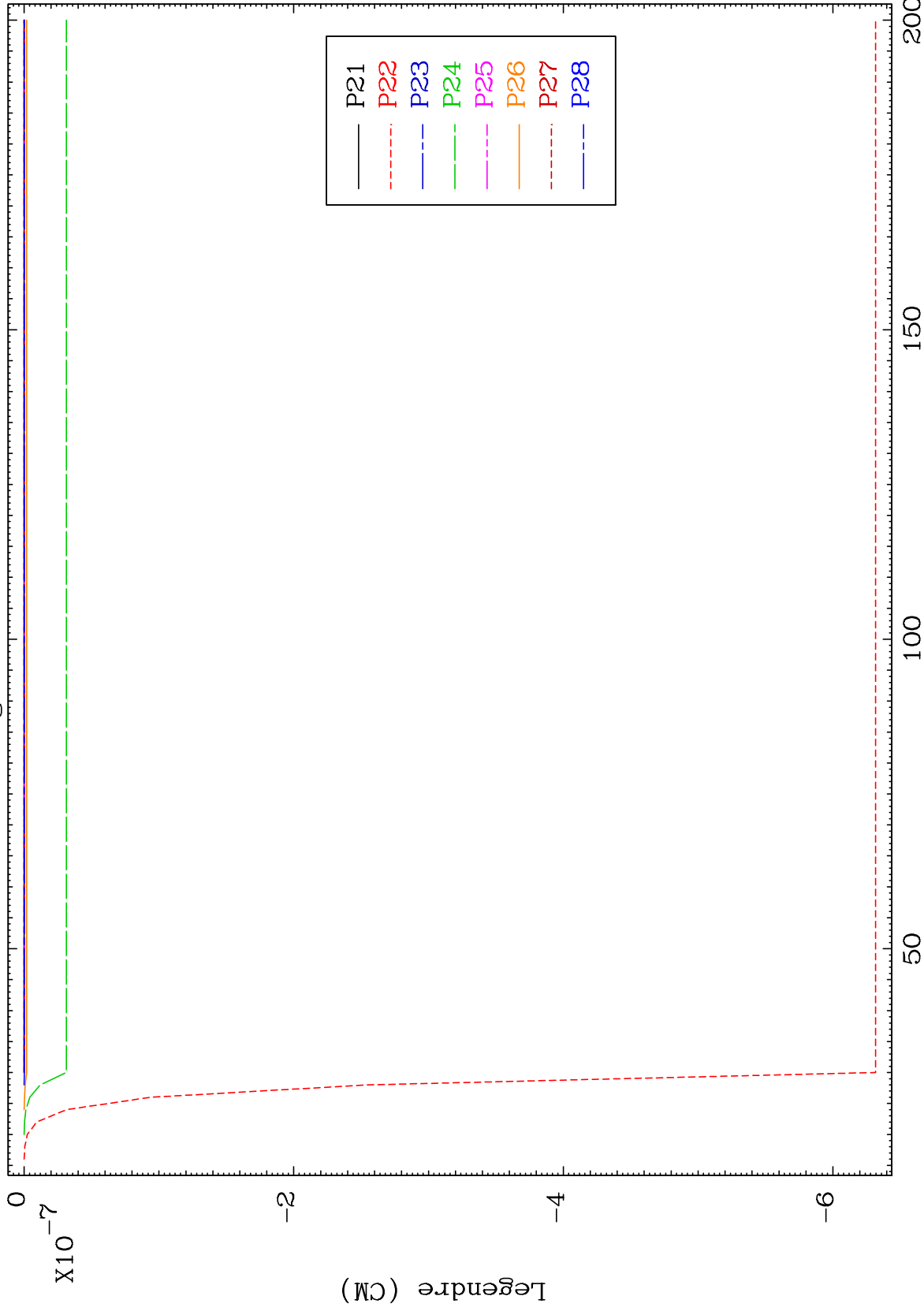
85 Incident Energy (MeV) 62-Sm-153



MAT 6252

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

62-Sm-153



87

Incident Energy (MeV)

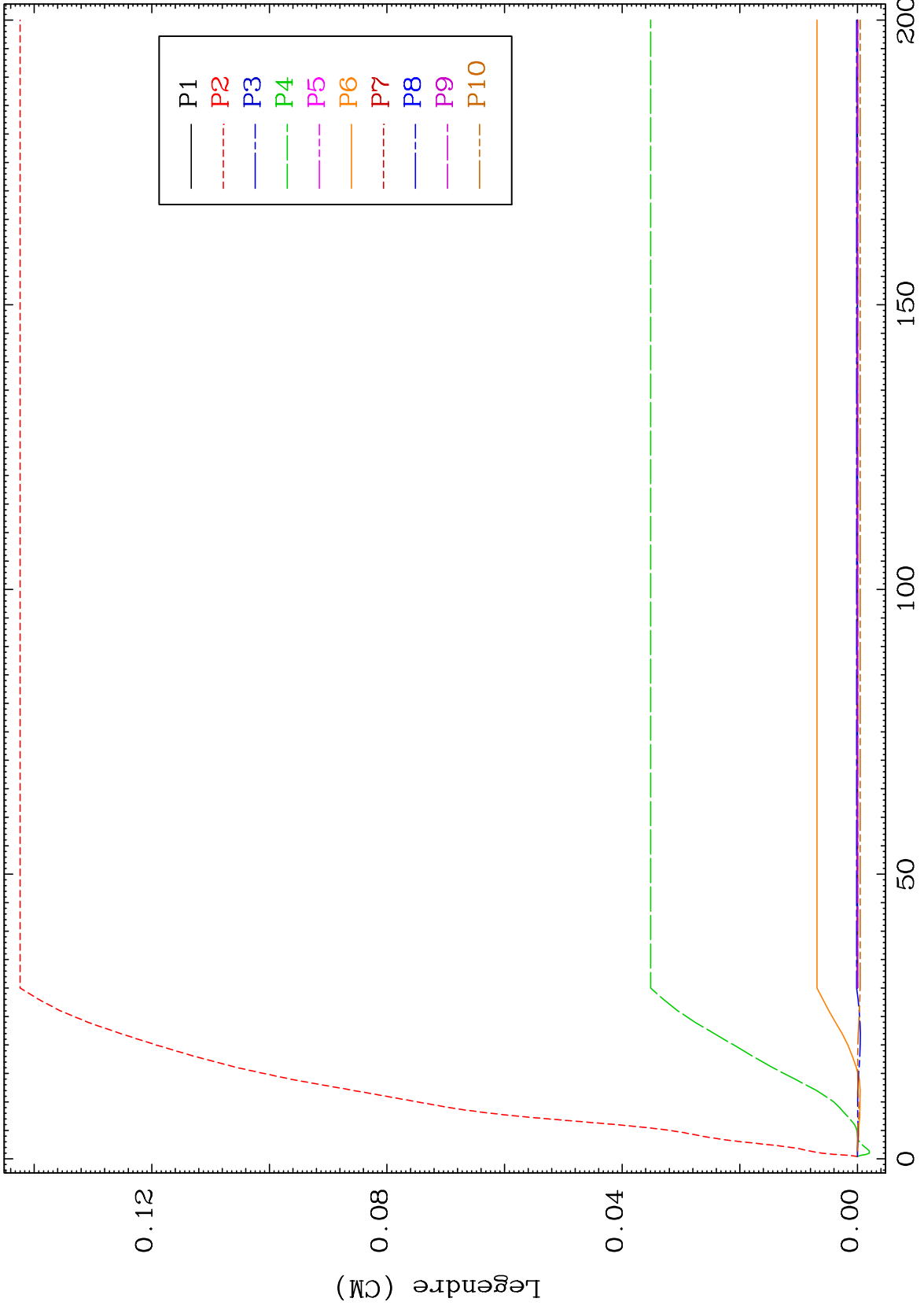
62-Sm-153



MAT 6252

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

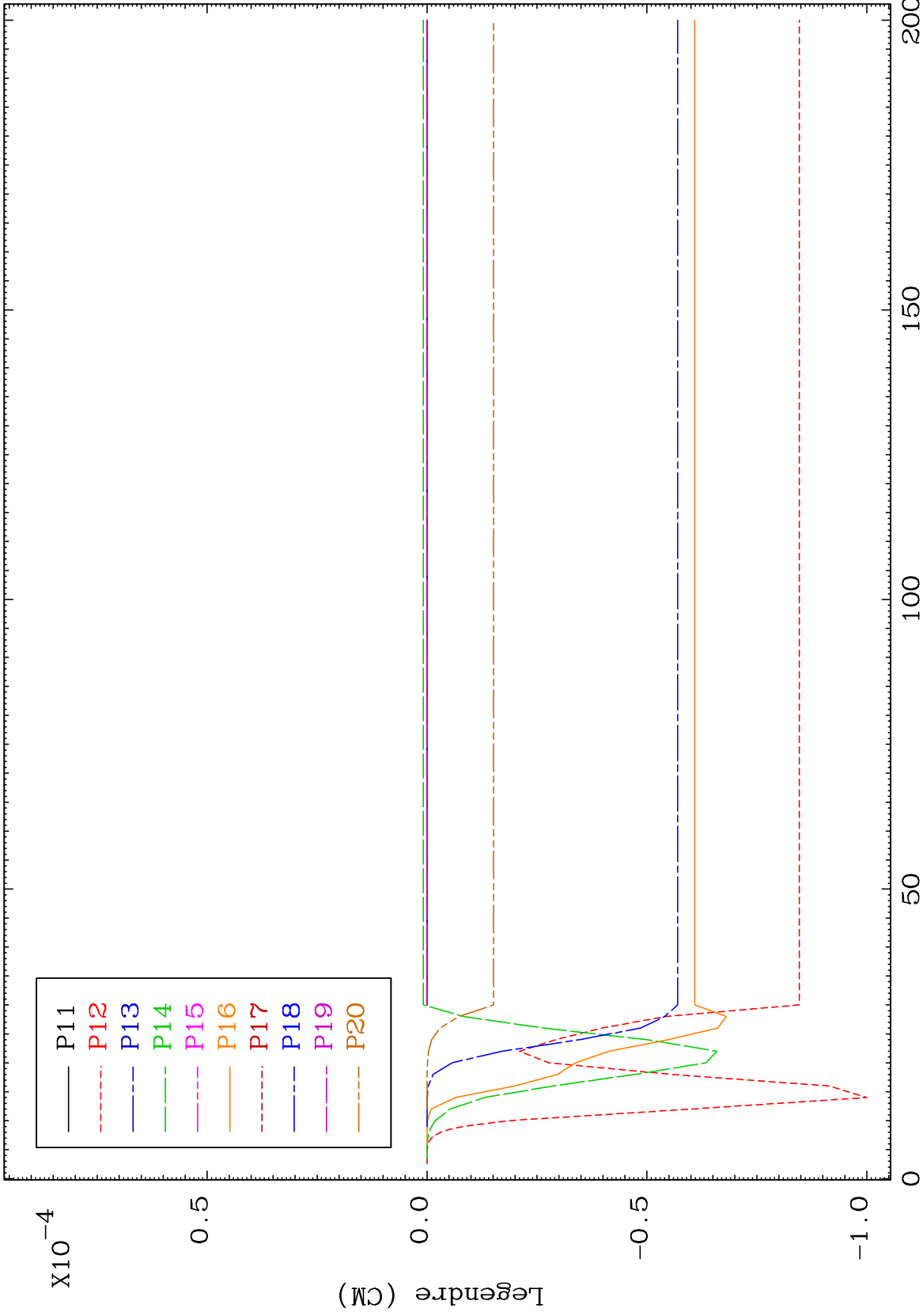
62-Sm-153



88

Incident Energy (MeV)

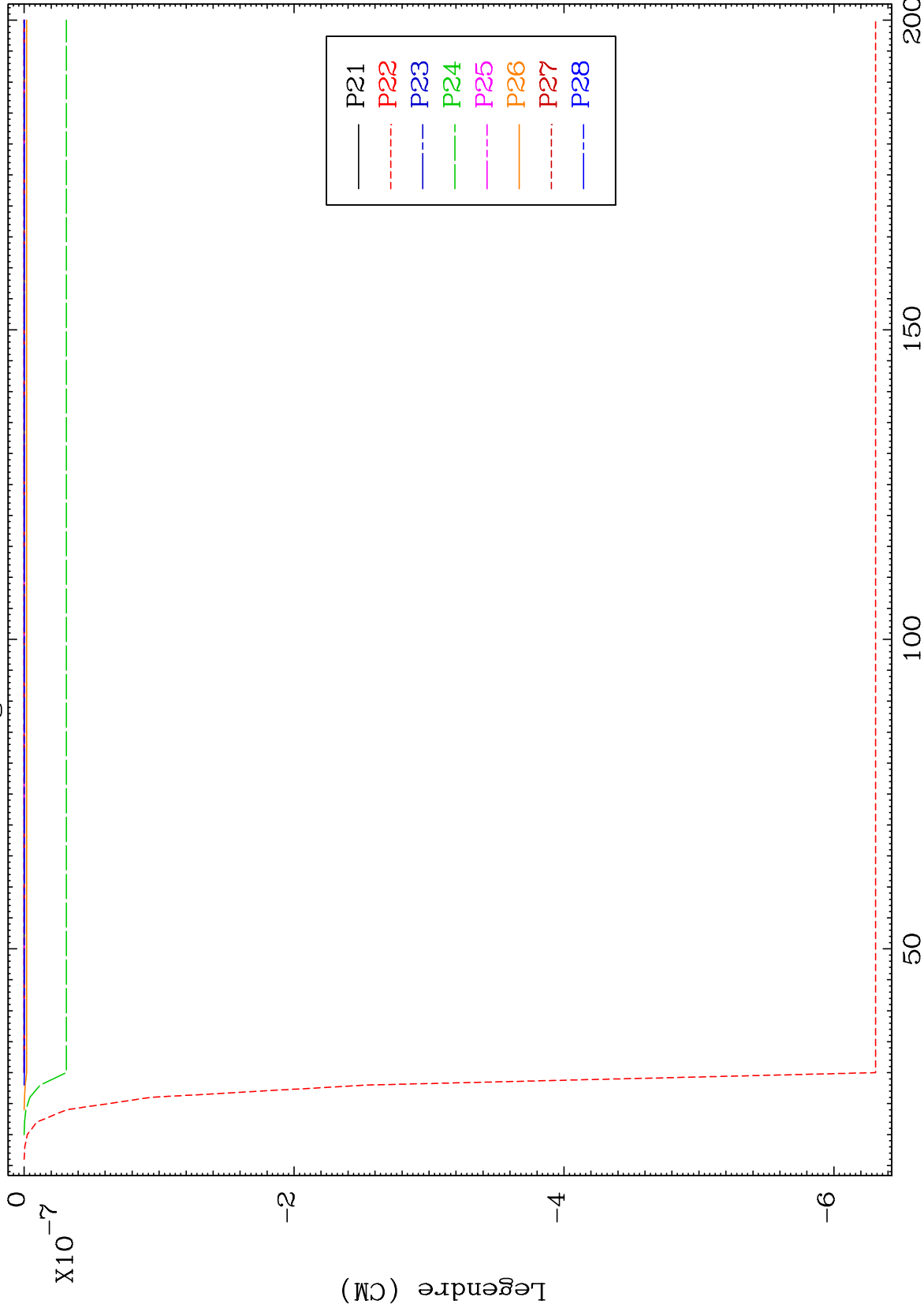
62-Sm-153



MAT 6252

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

62-Sm-153



90

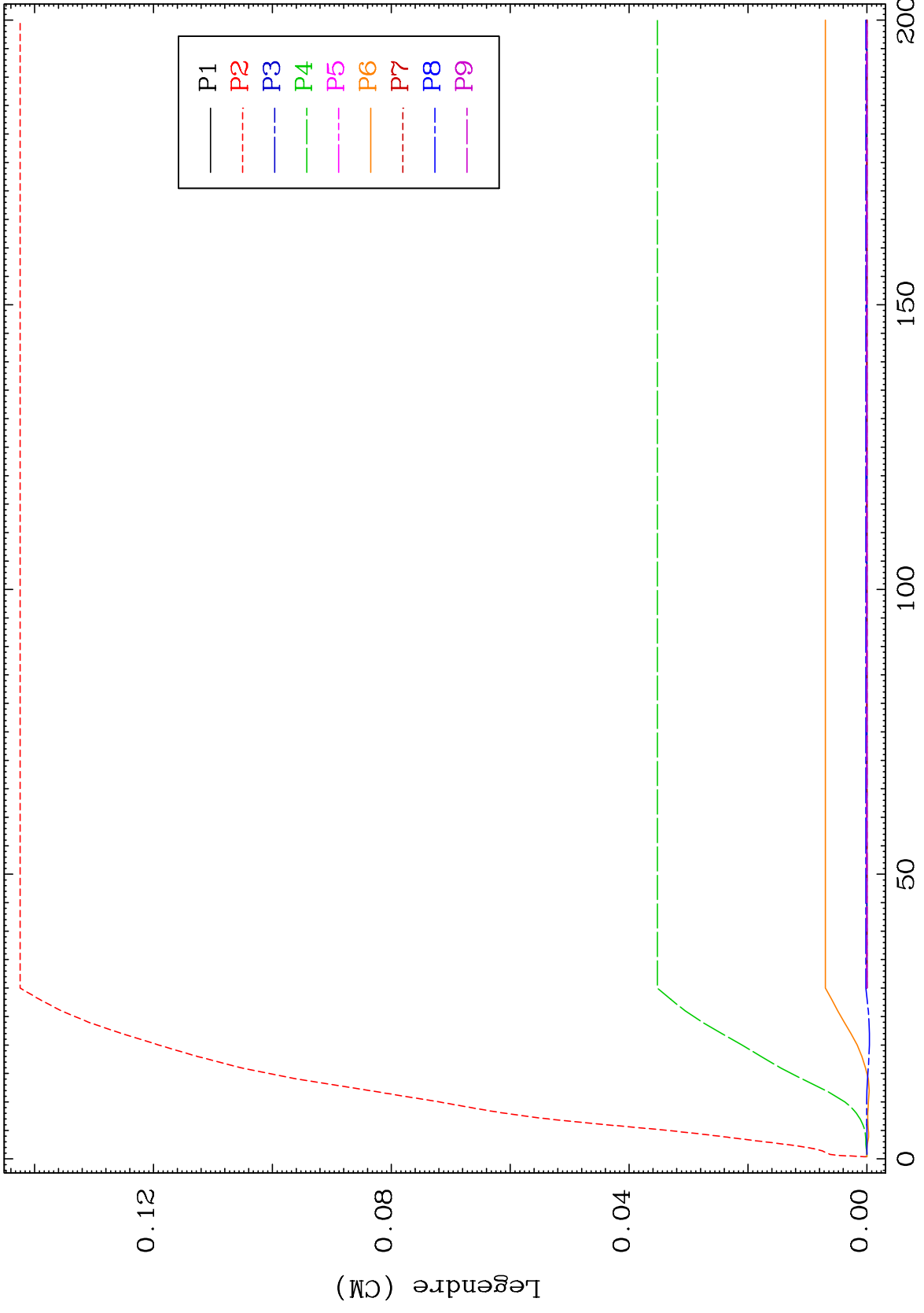
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



91

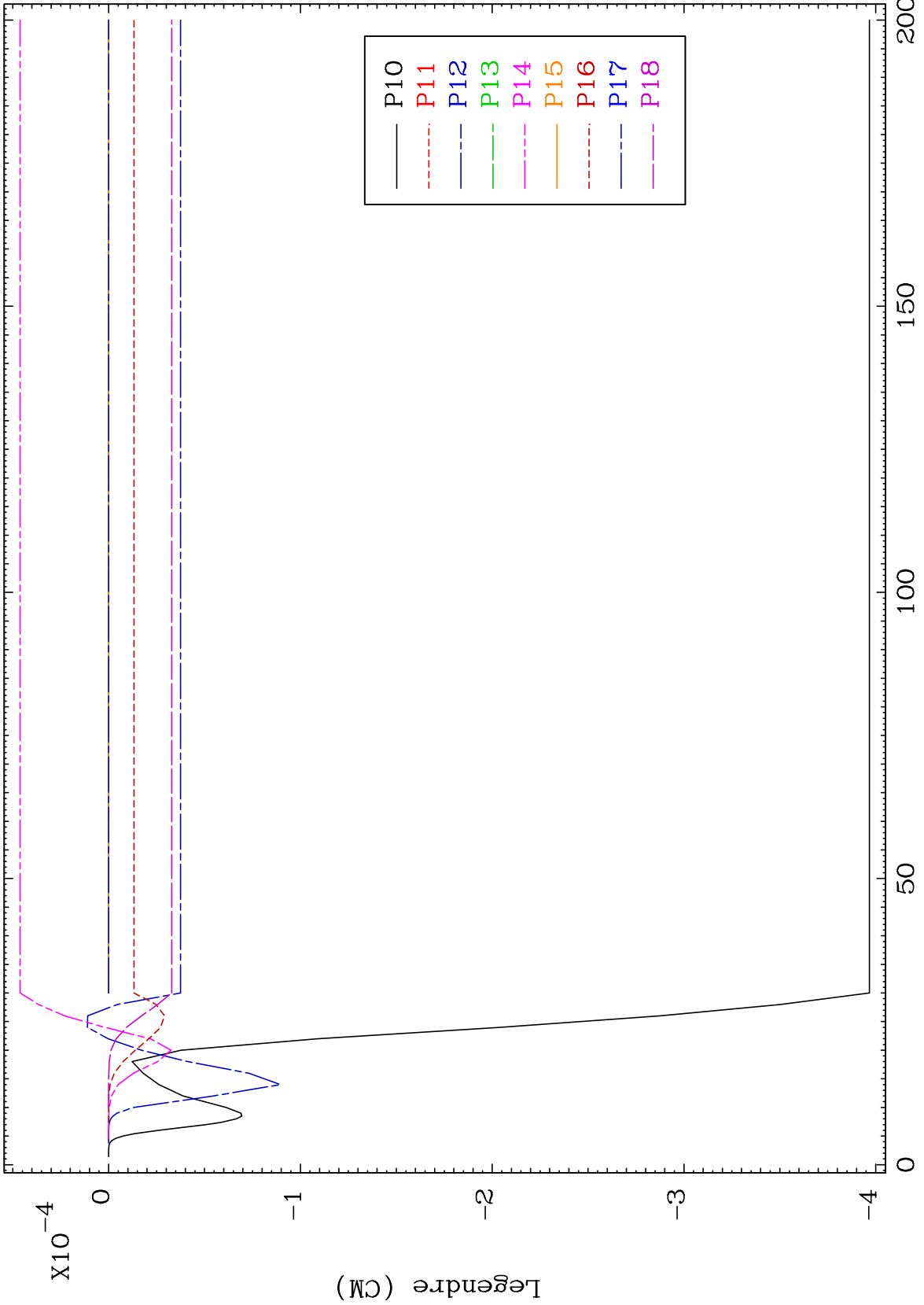
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



92

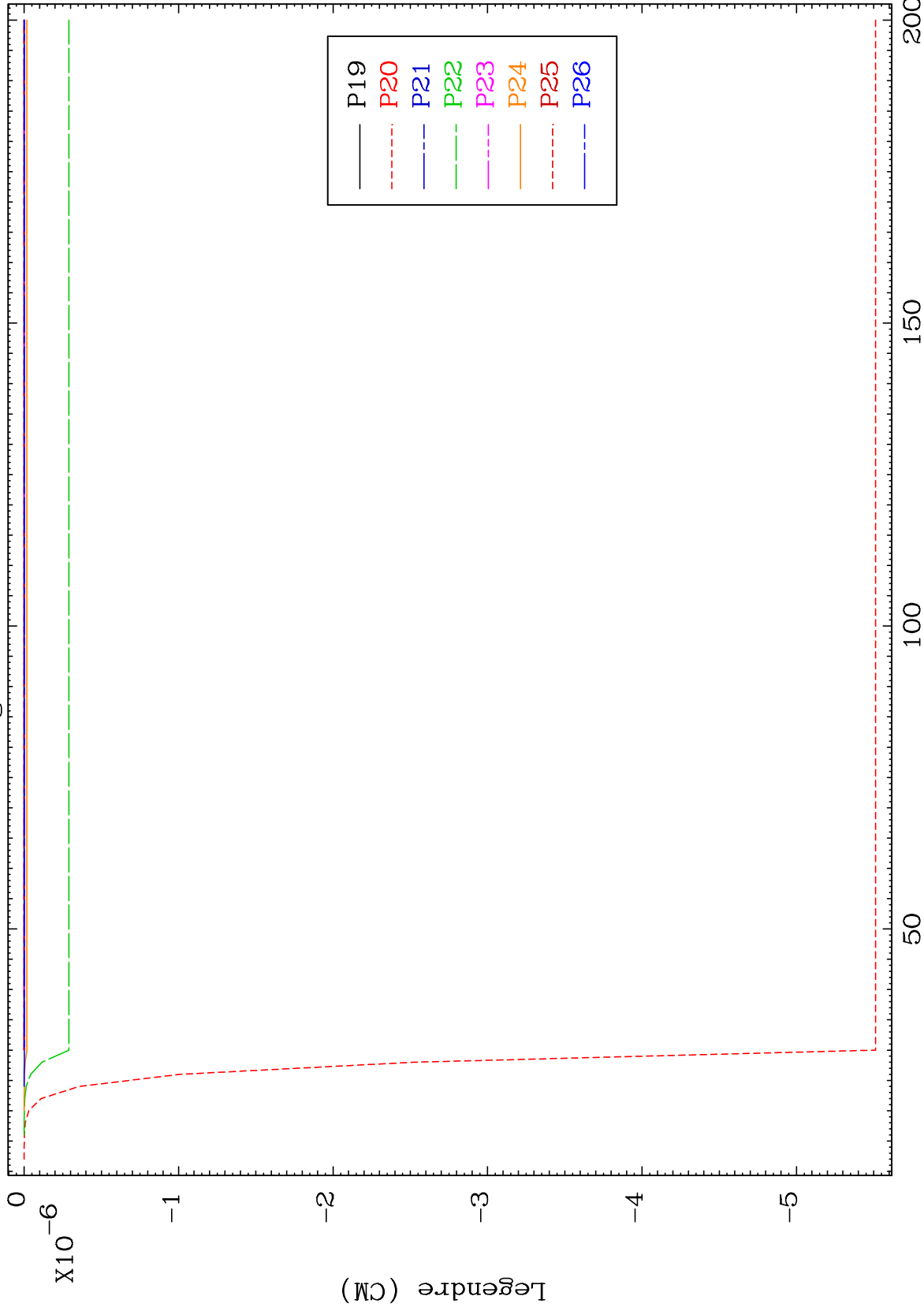
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



93

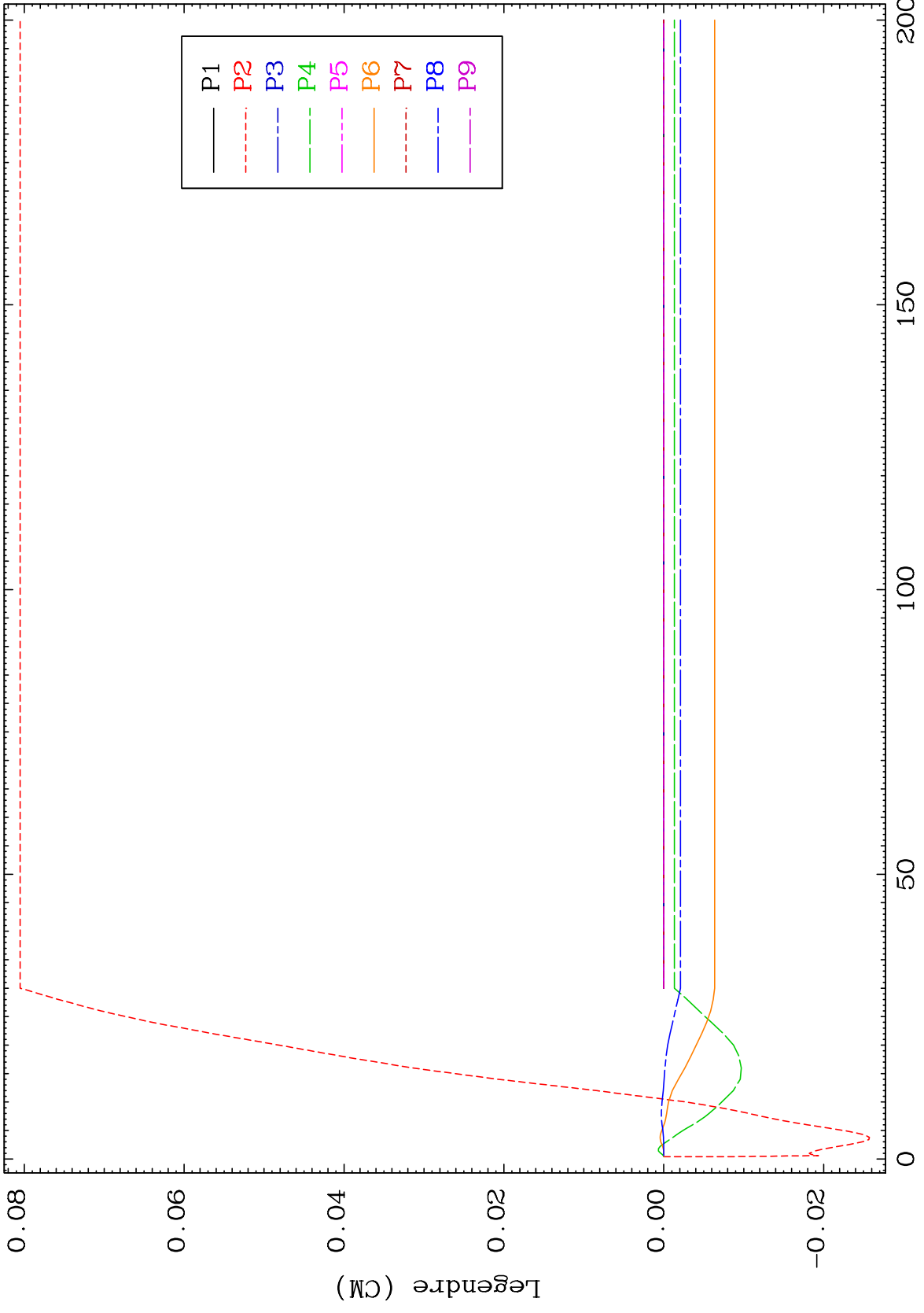
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



94

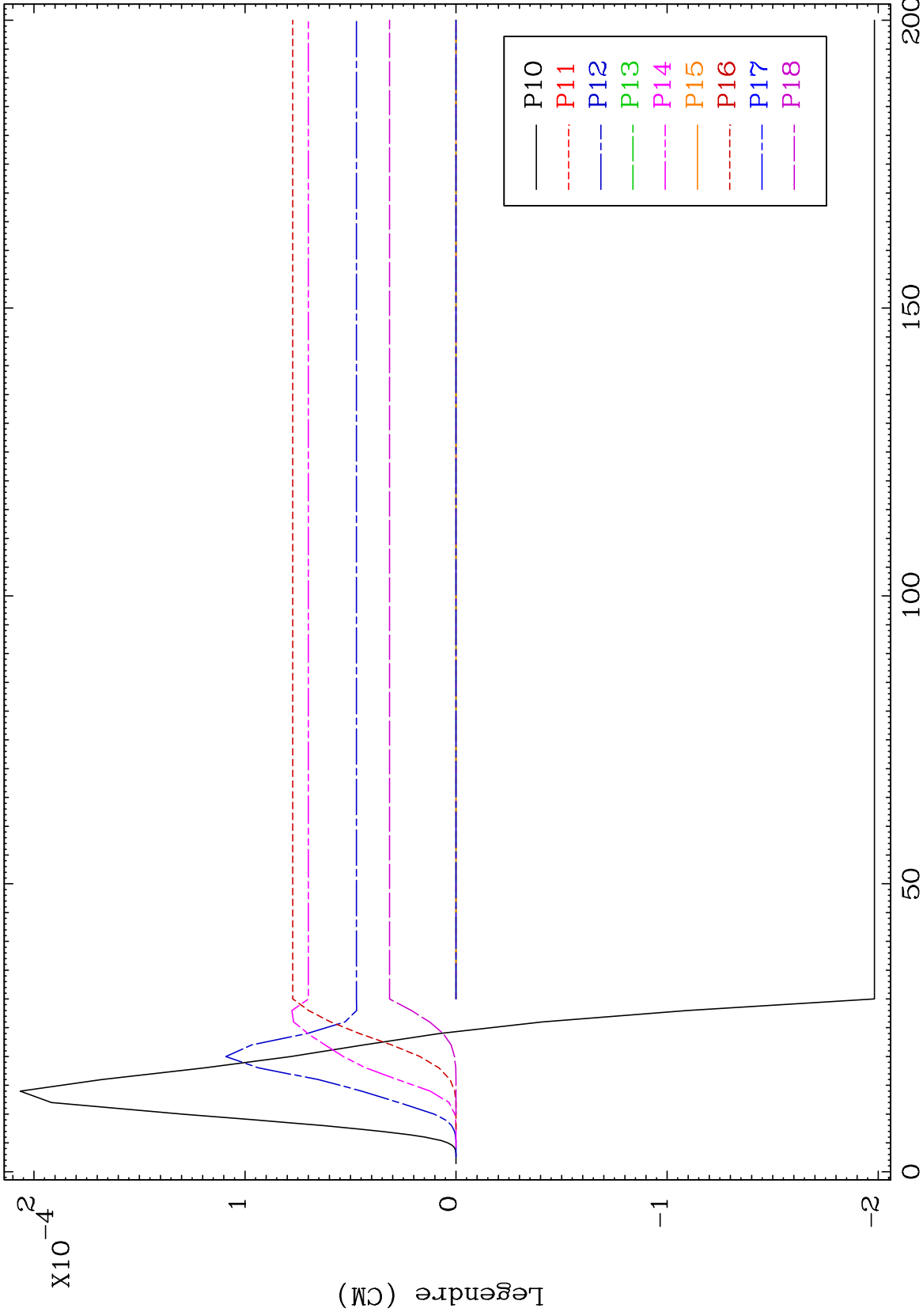
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



95

Incident Energy (MeV)

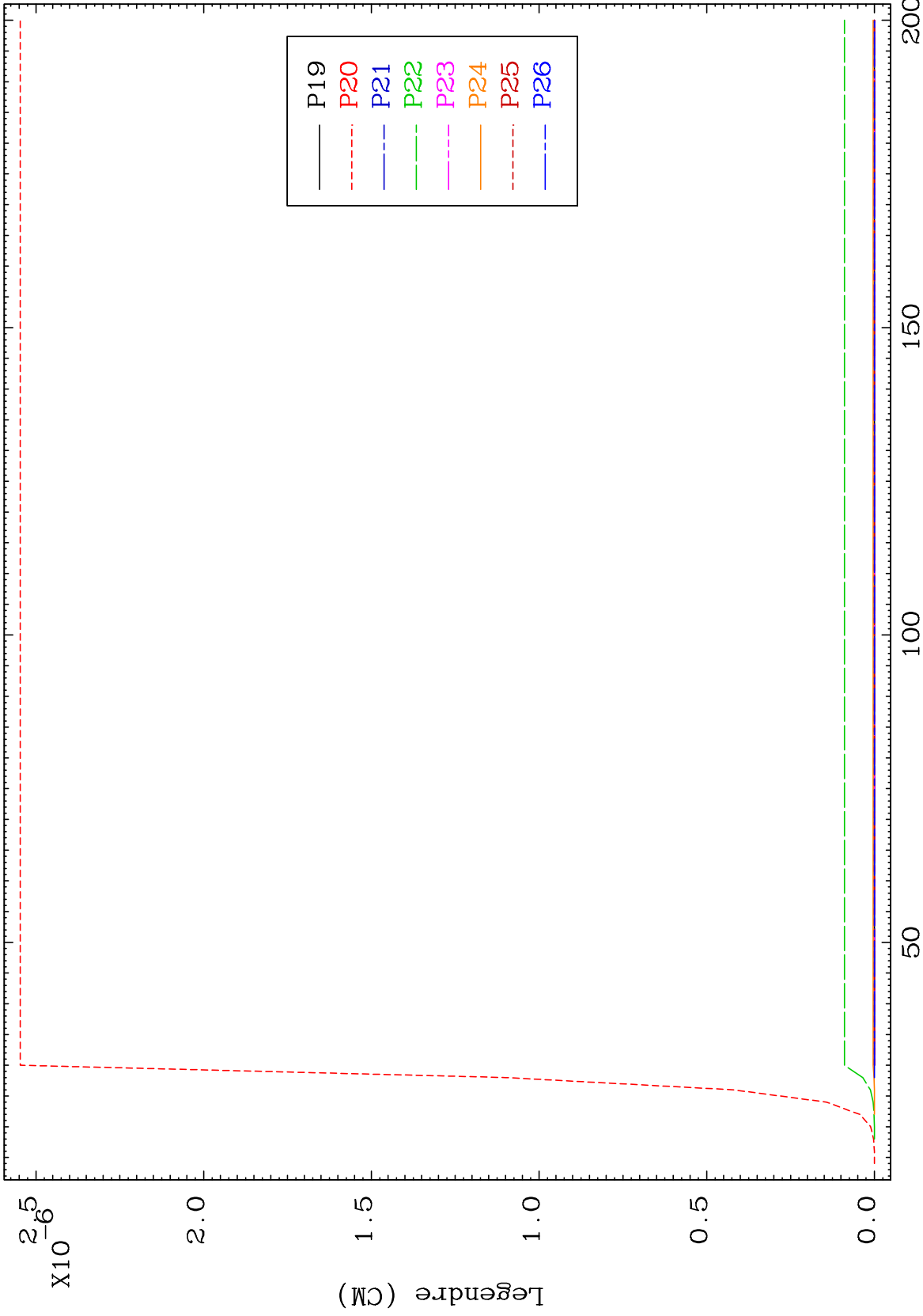
62-Sm-153



MAT 6252

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

62-Sm-153



96

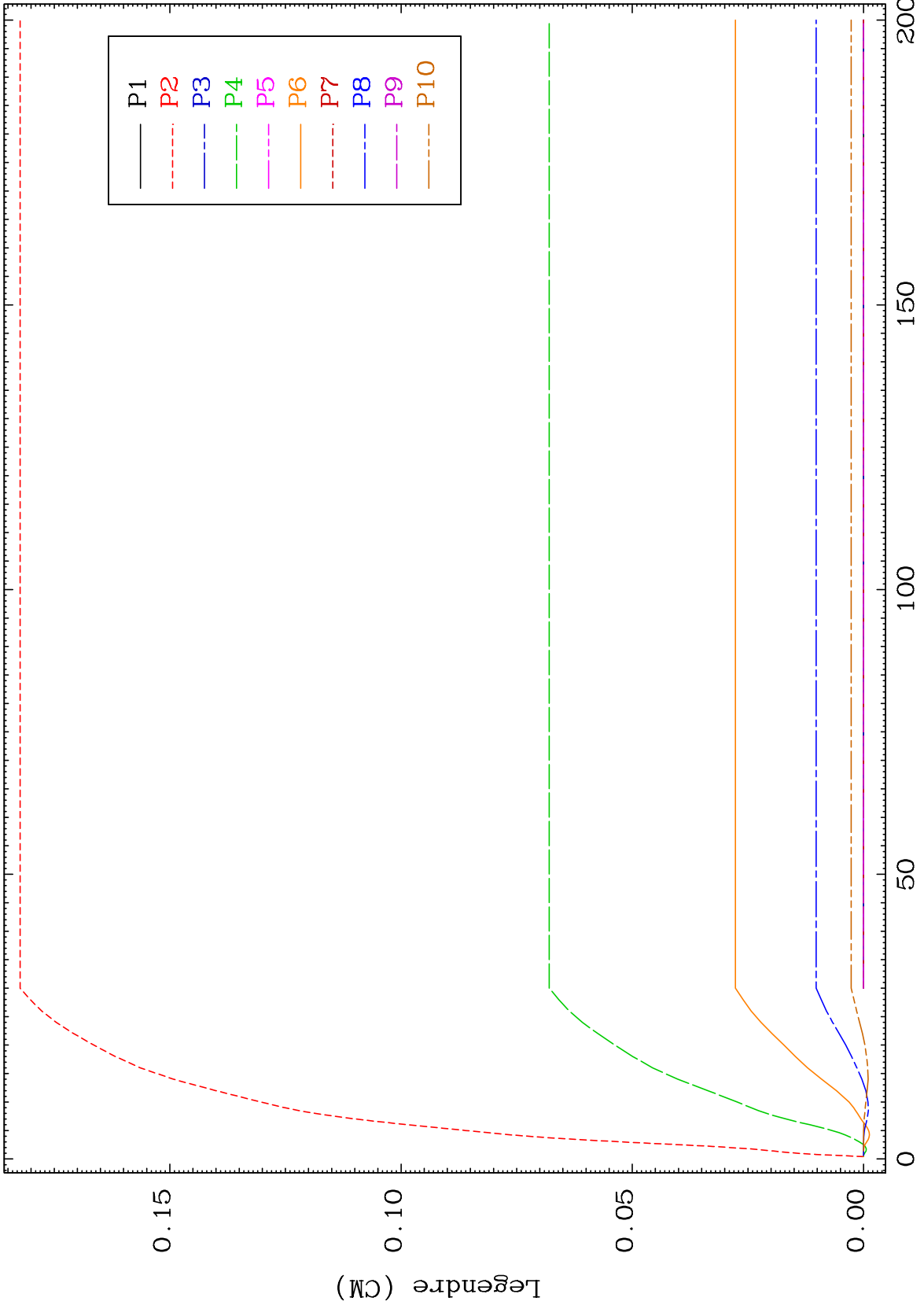
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

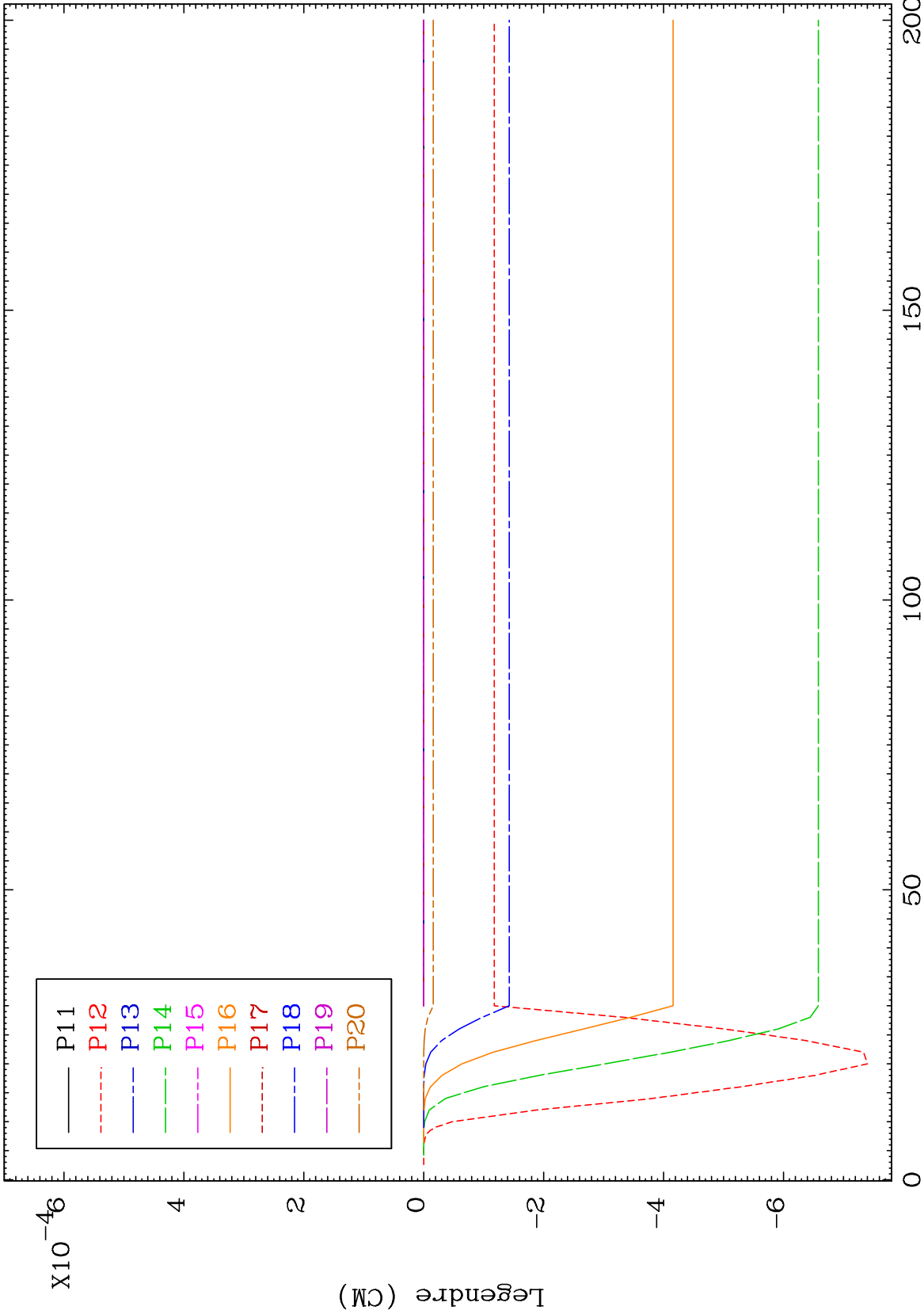
62-Sm-153



97

Incident Energy (MeV)

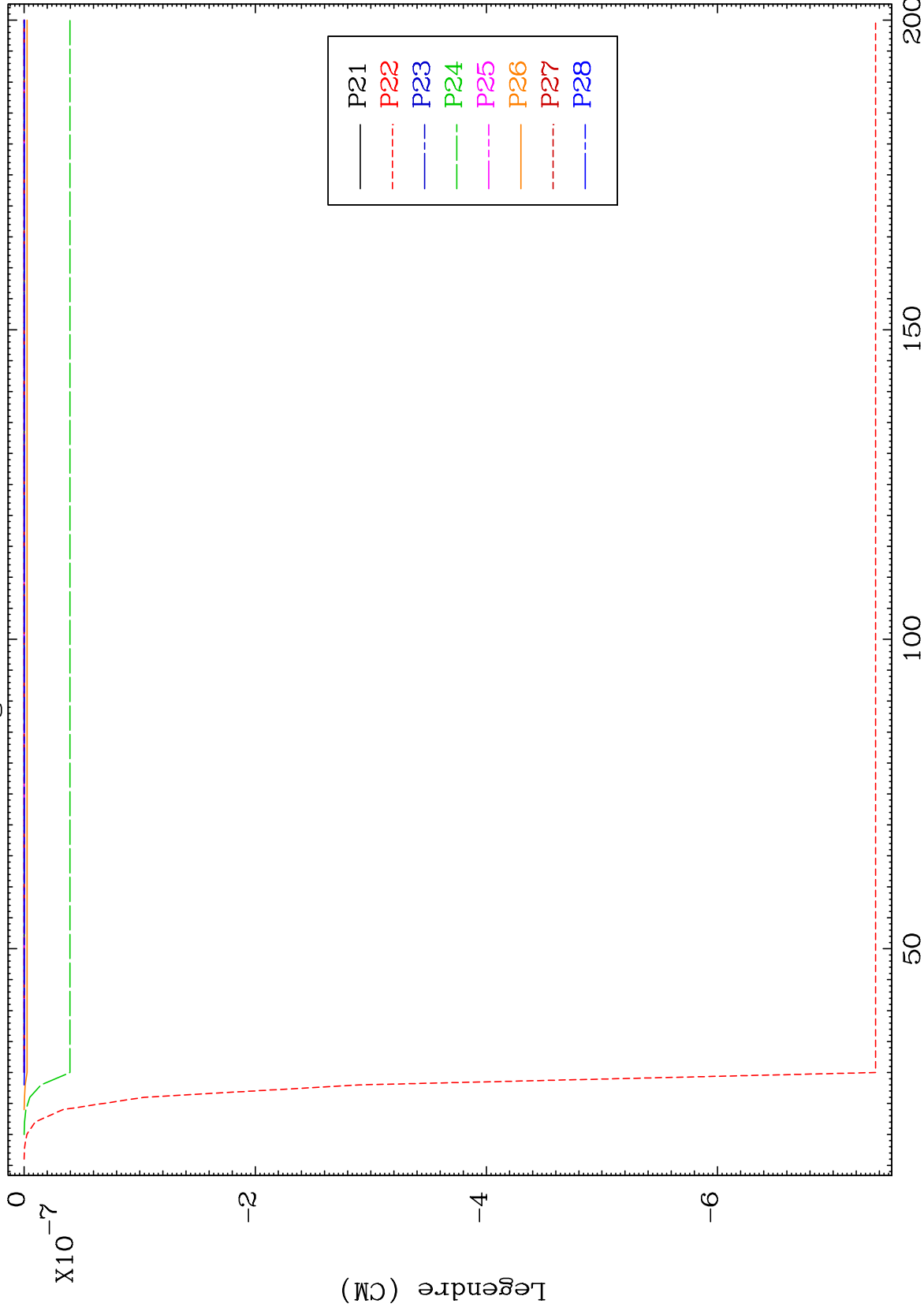
62-Sm-153



MAT 6252

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

62-Sm-153



99

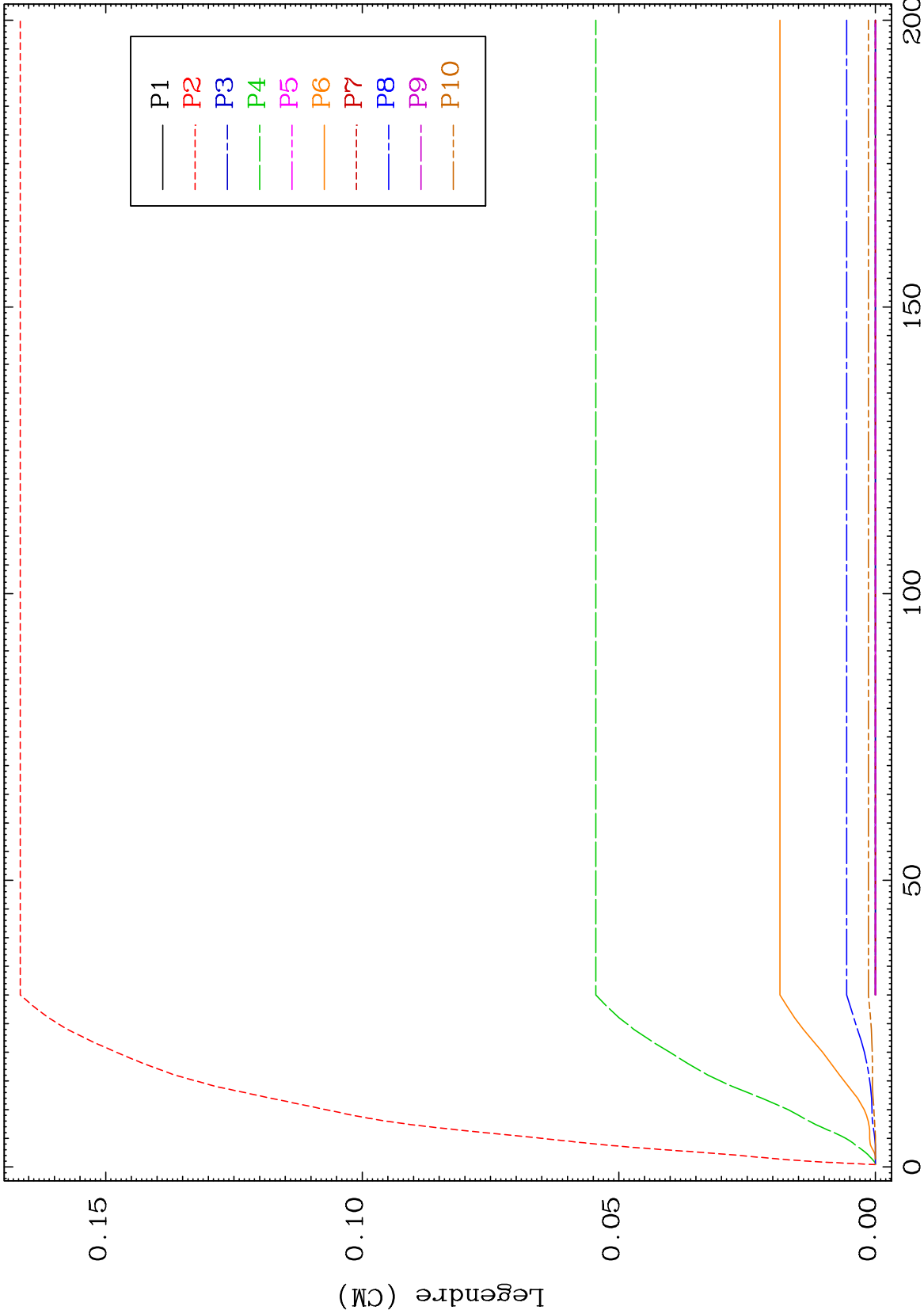
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

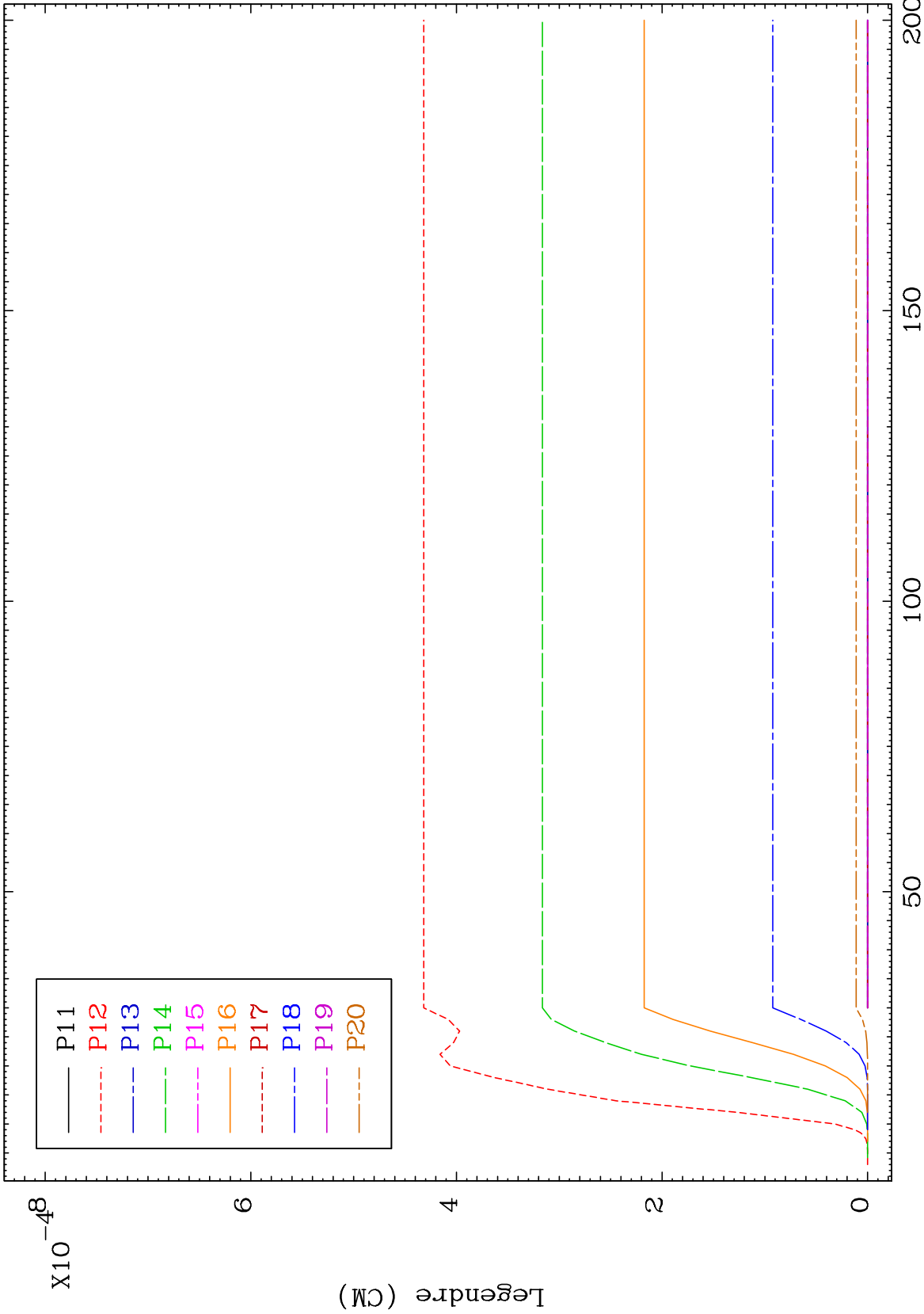
Incident Energy (MeV)

Legendre (CM)

MAT 6252

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

62-Sm-153



101

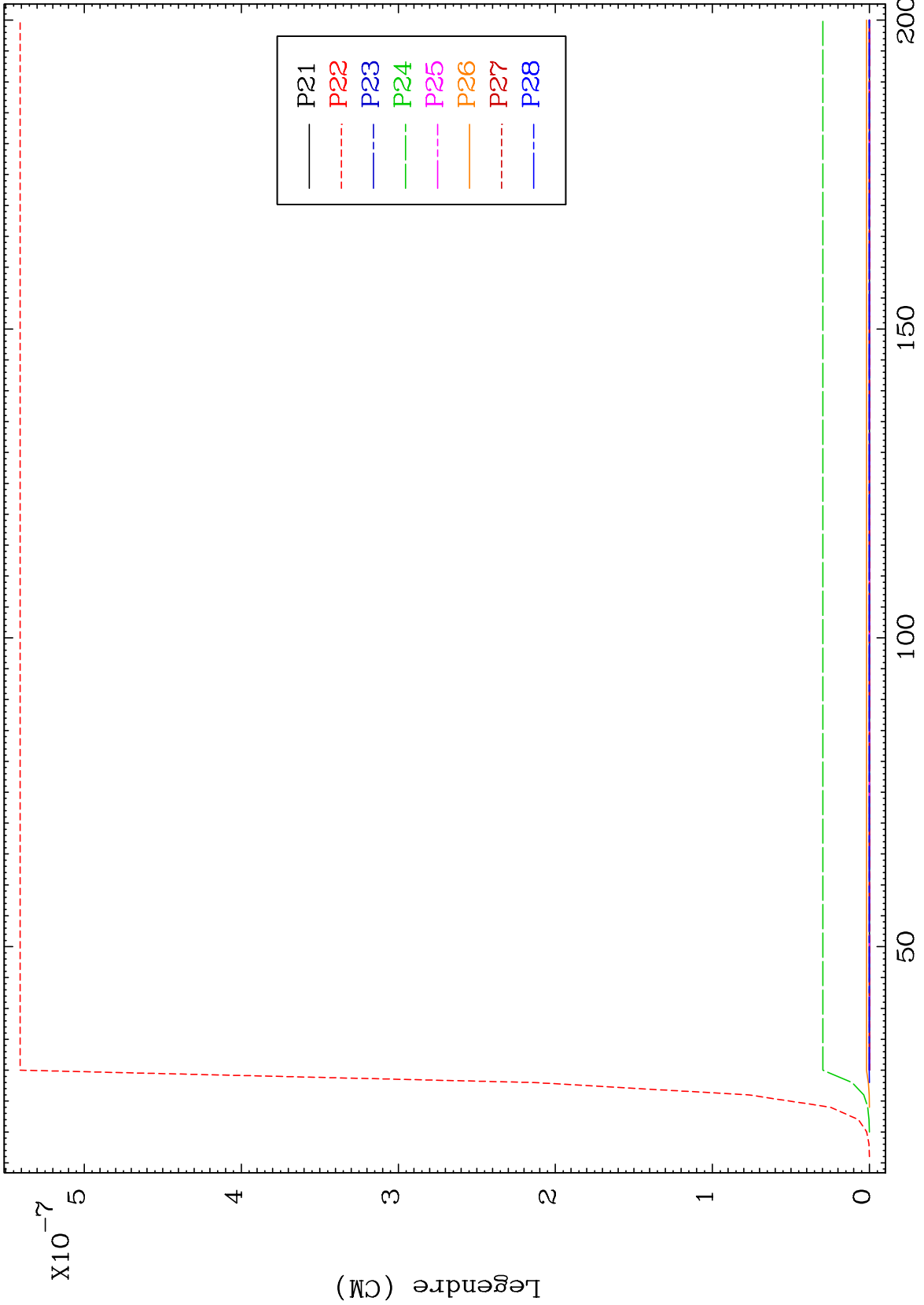
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



102

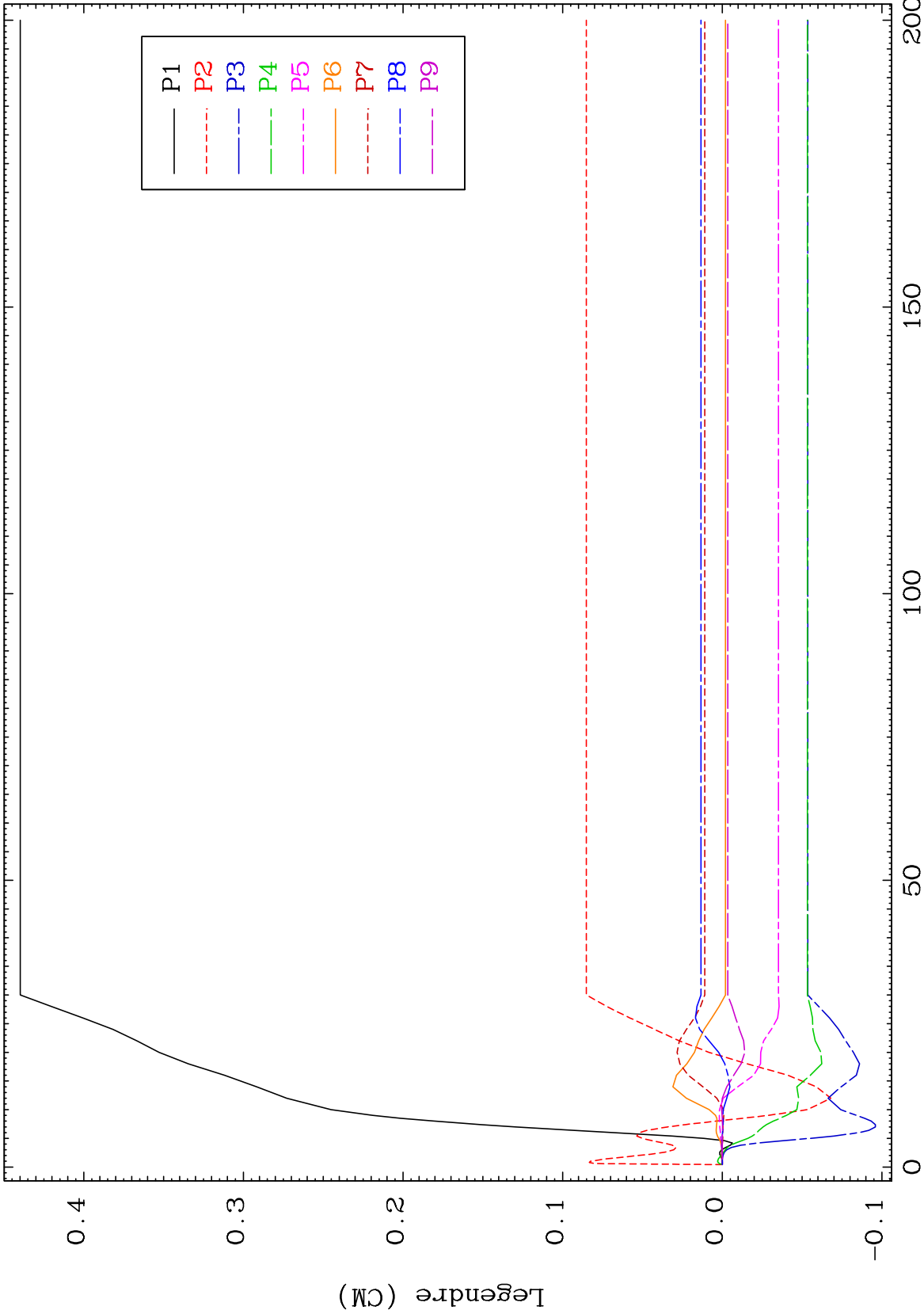
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

Incident Energy (MeV)

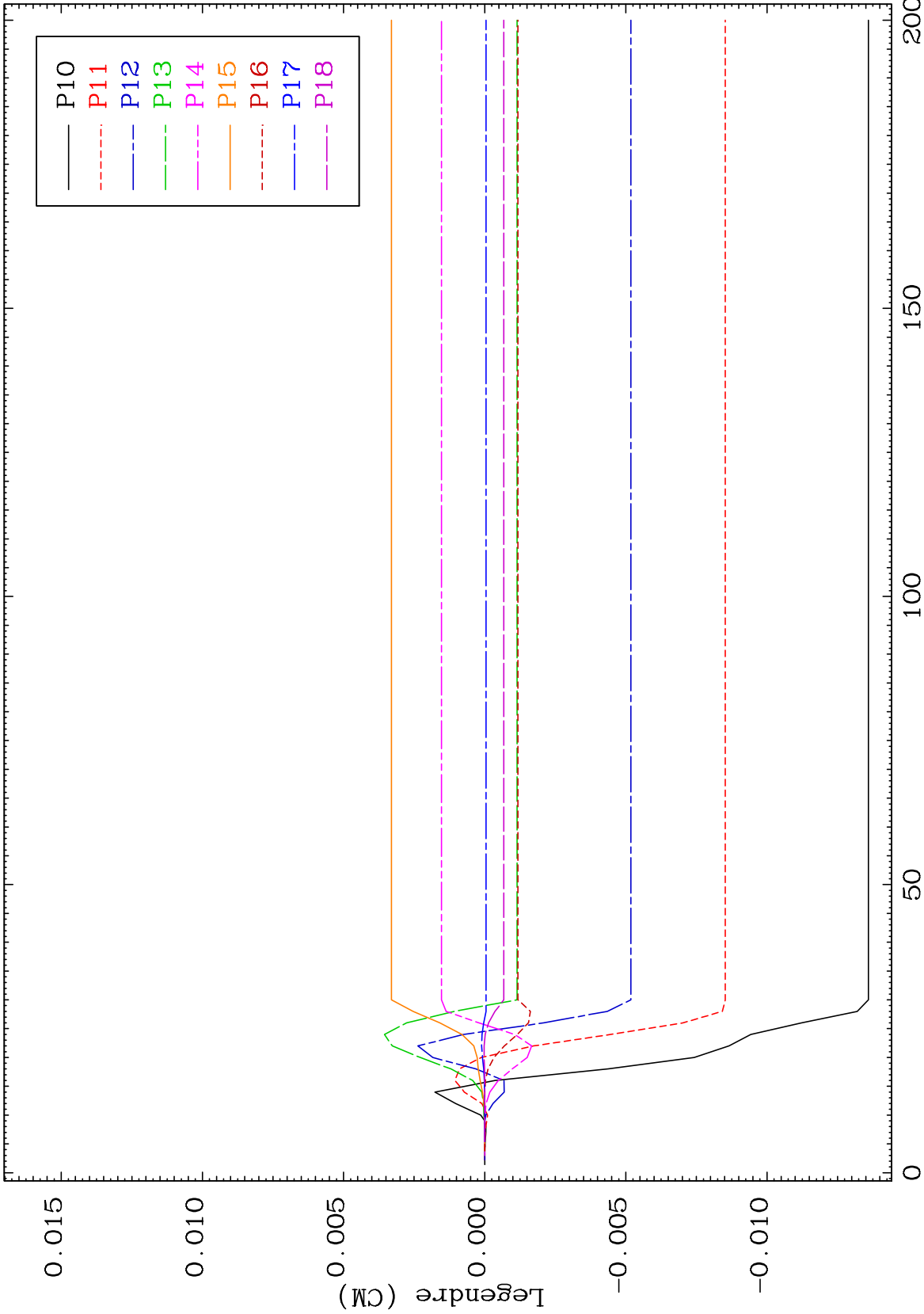
103



MAT 6252

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

62-Sm-153



104

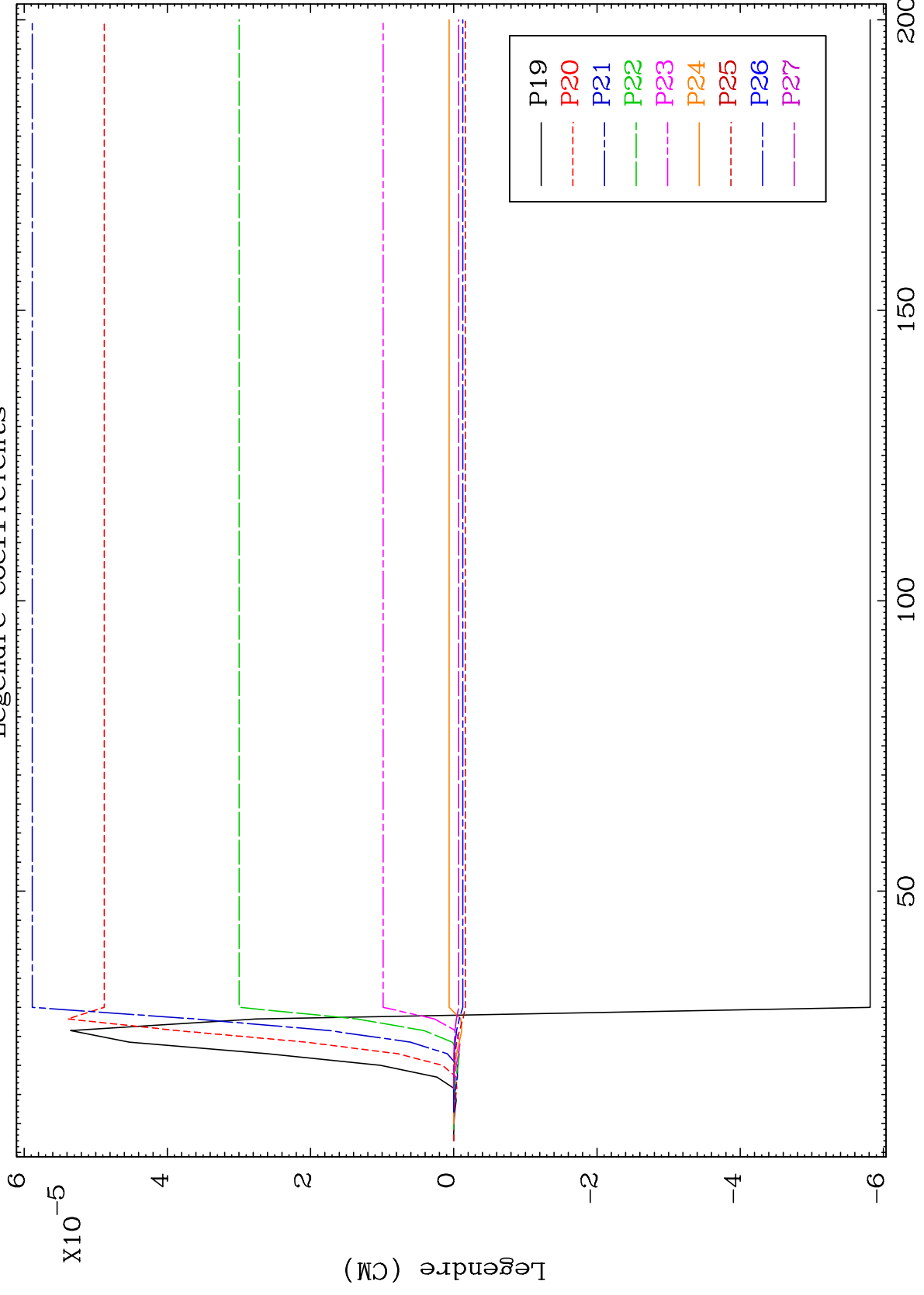
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153



62-Sm-153

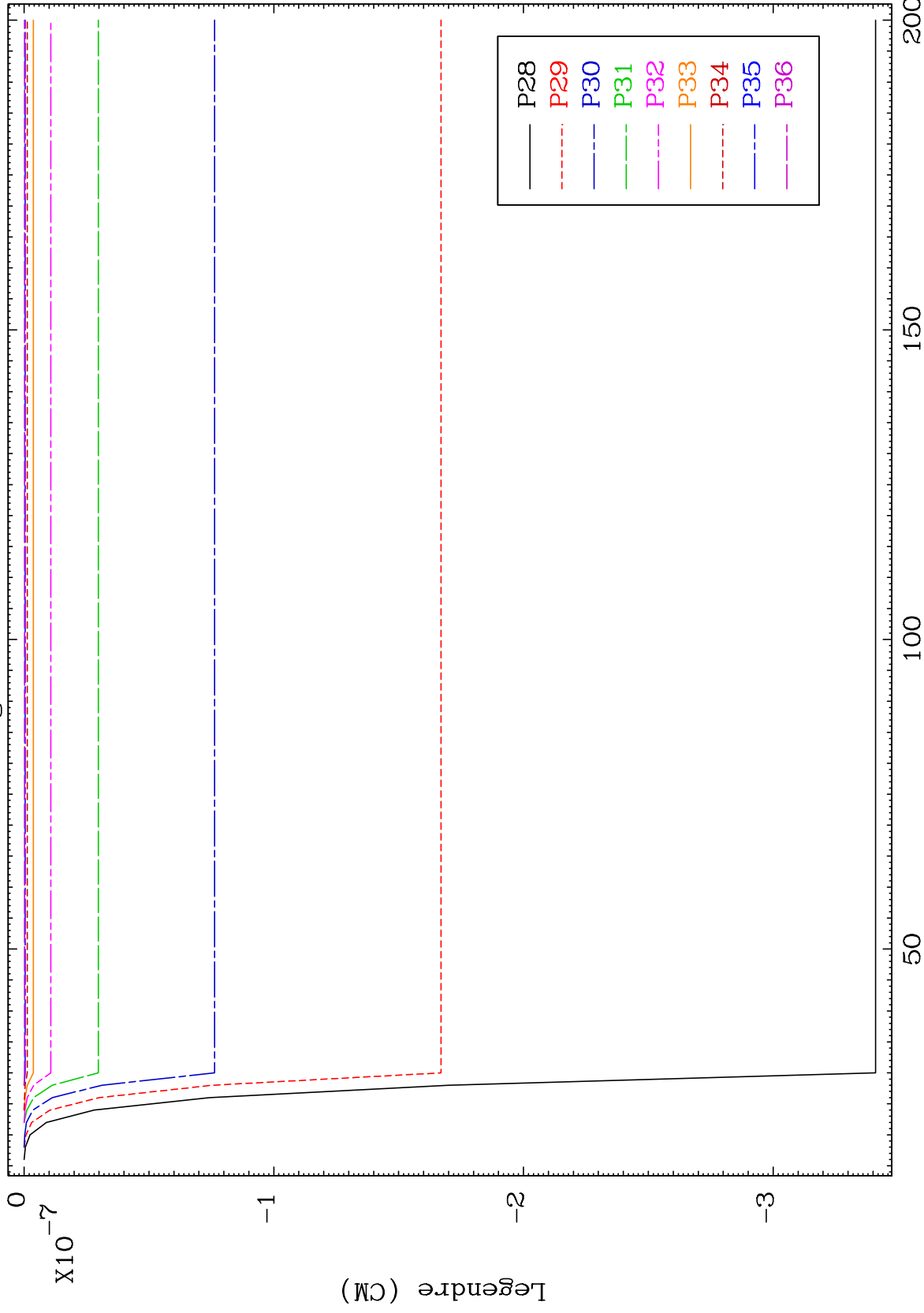
Incident Energy (MeV)

105

MAT 6252

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

62-Sm-153



62-Sm-153

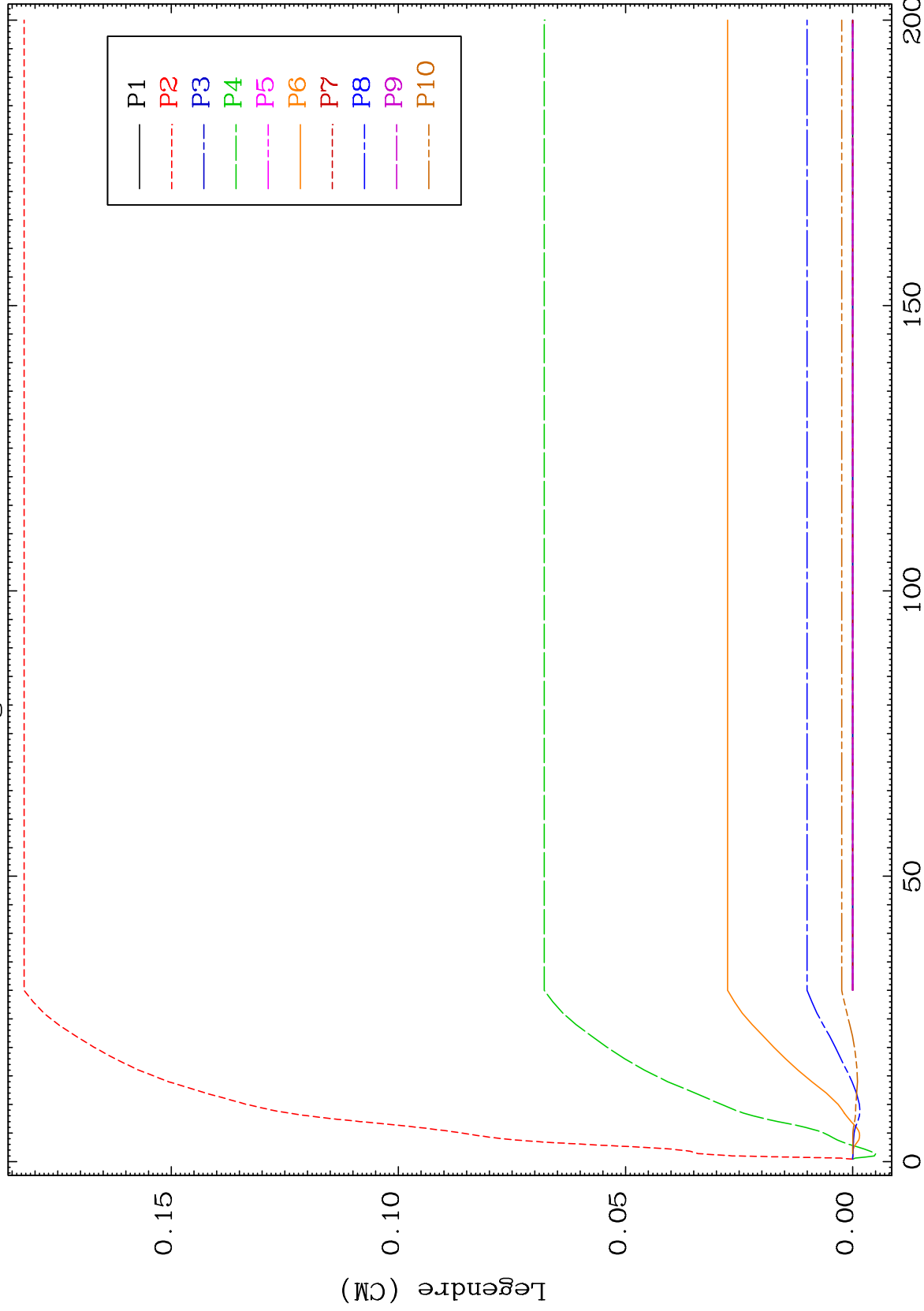
Incident Energy (MeV)

106

MAT 6252

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

62-Sm-153



107

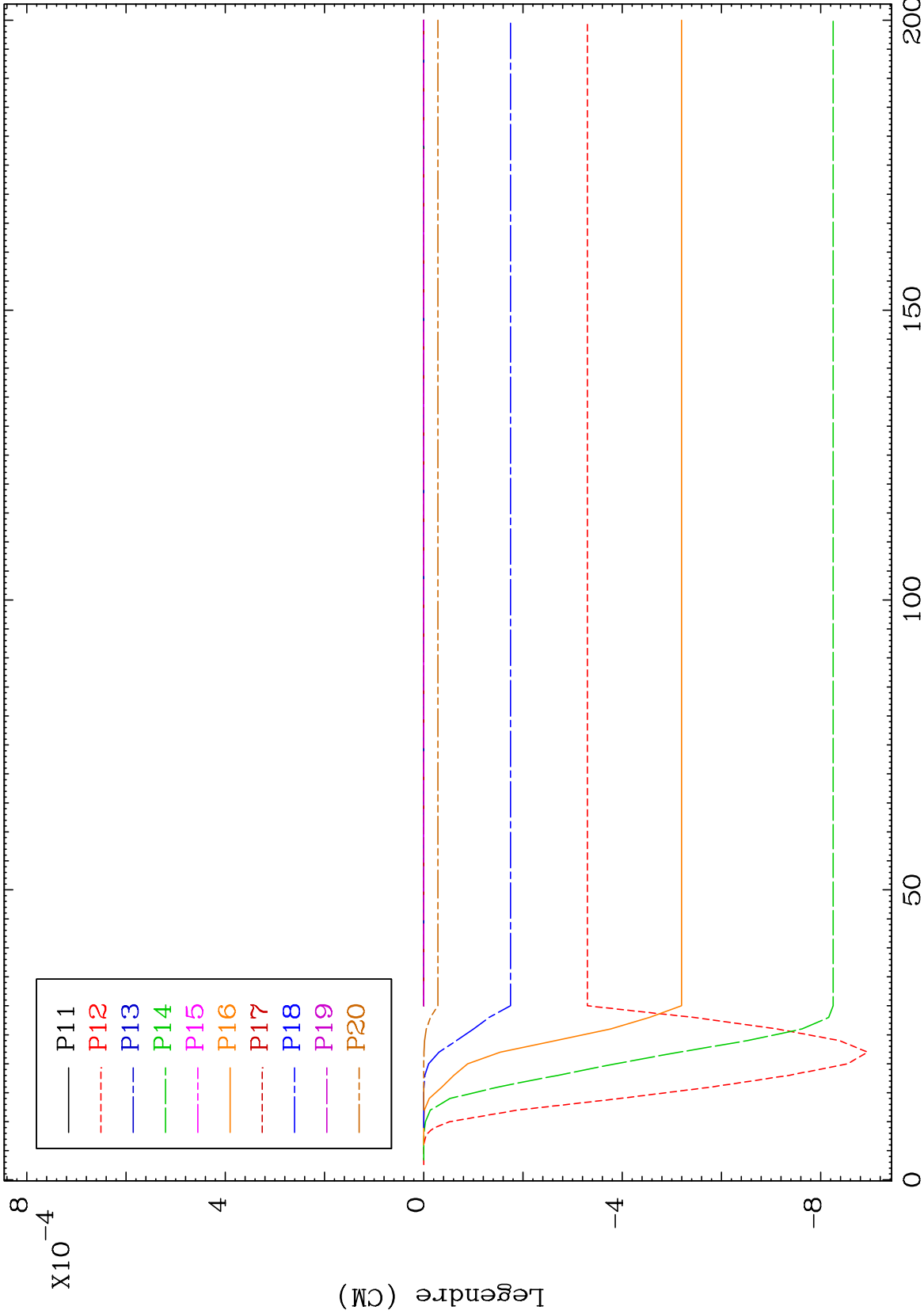
Incident Energy (MeV)

62-Sm-153

MAT 6252

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

62-Sm-153

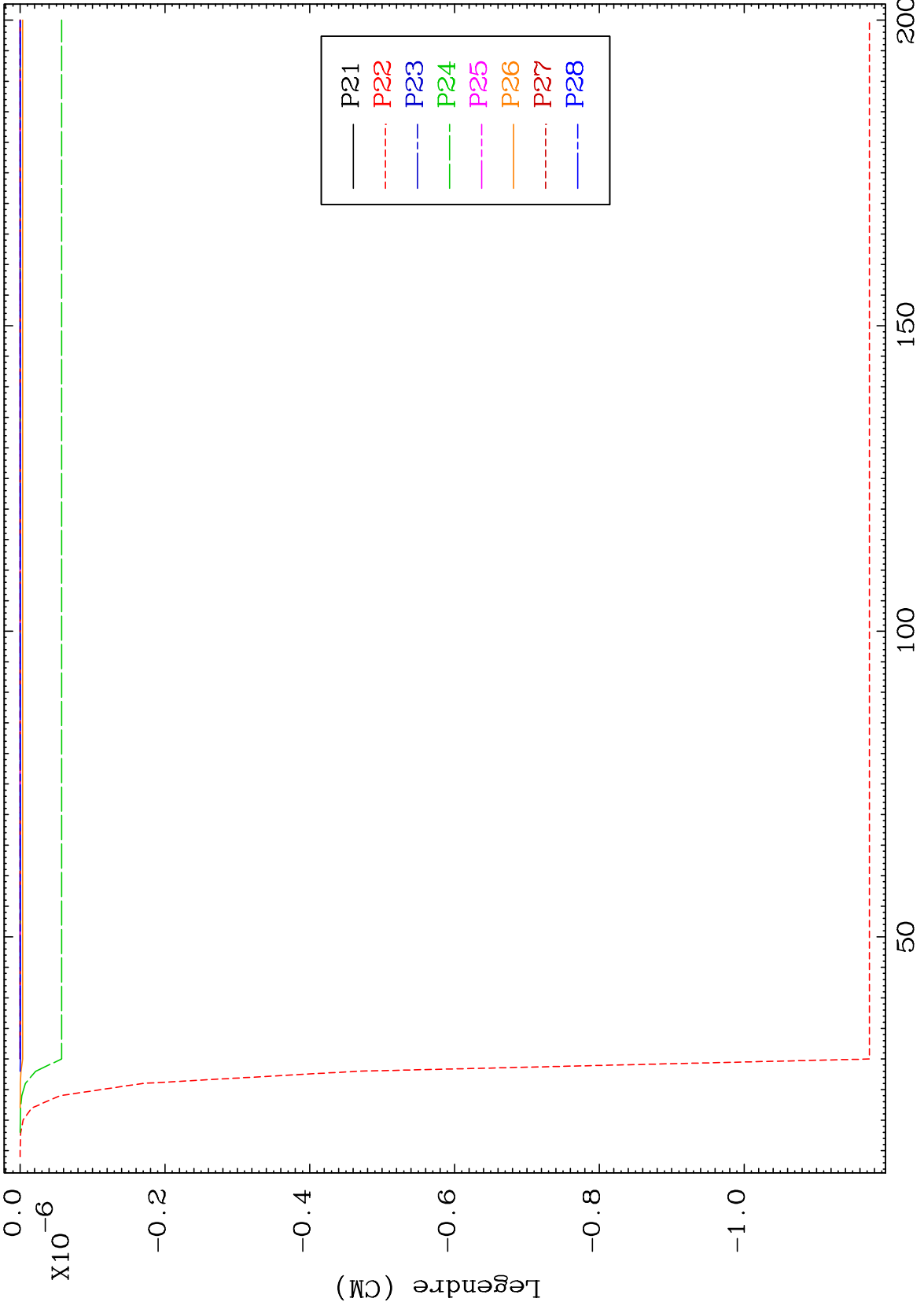


108

Incident Energy (MeV)

62-Sm-153

MAT 6252 MT= 79 (n,n') Level Legendre Coefficients 62-Sm-153



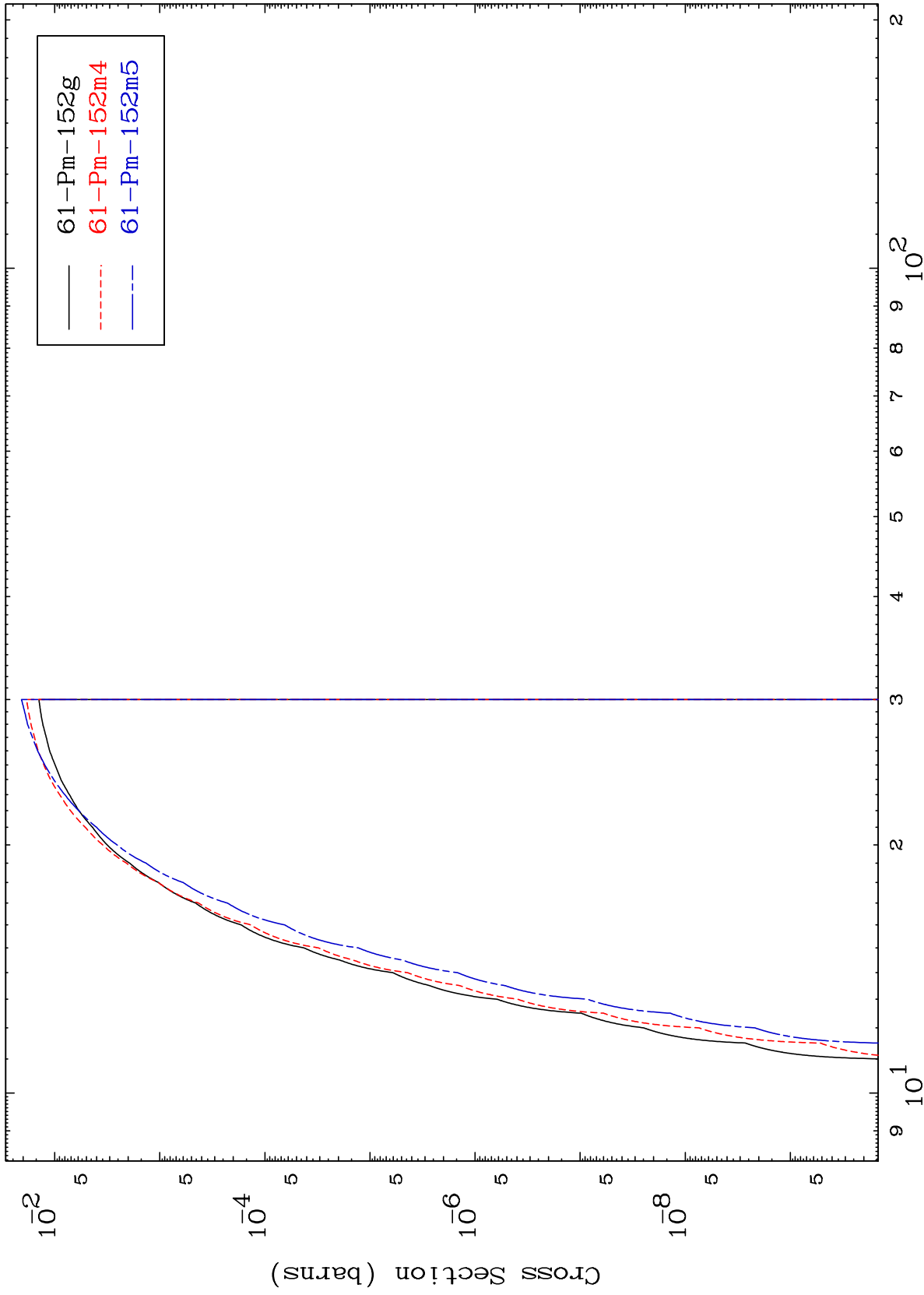
109 62-Sm-153

MAT 6252

(n,n') p

62-Sm-153

Radionuclide Production Cross Section



110

Incident Energy (MeV)

62-Sm-153

(n,d)  
Radionuclide Production Cross Section

