

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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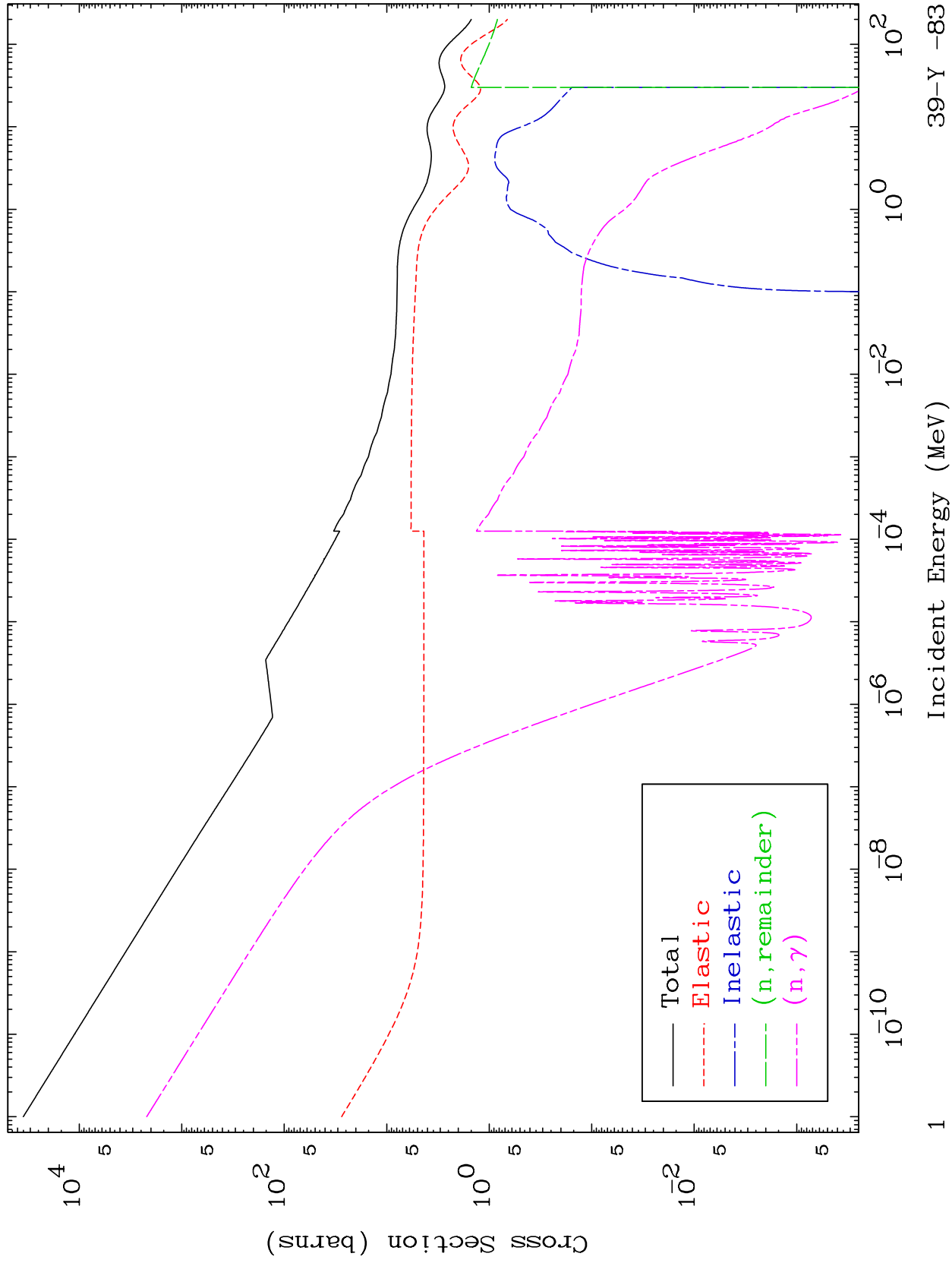
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

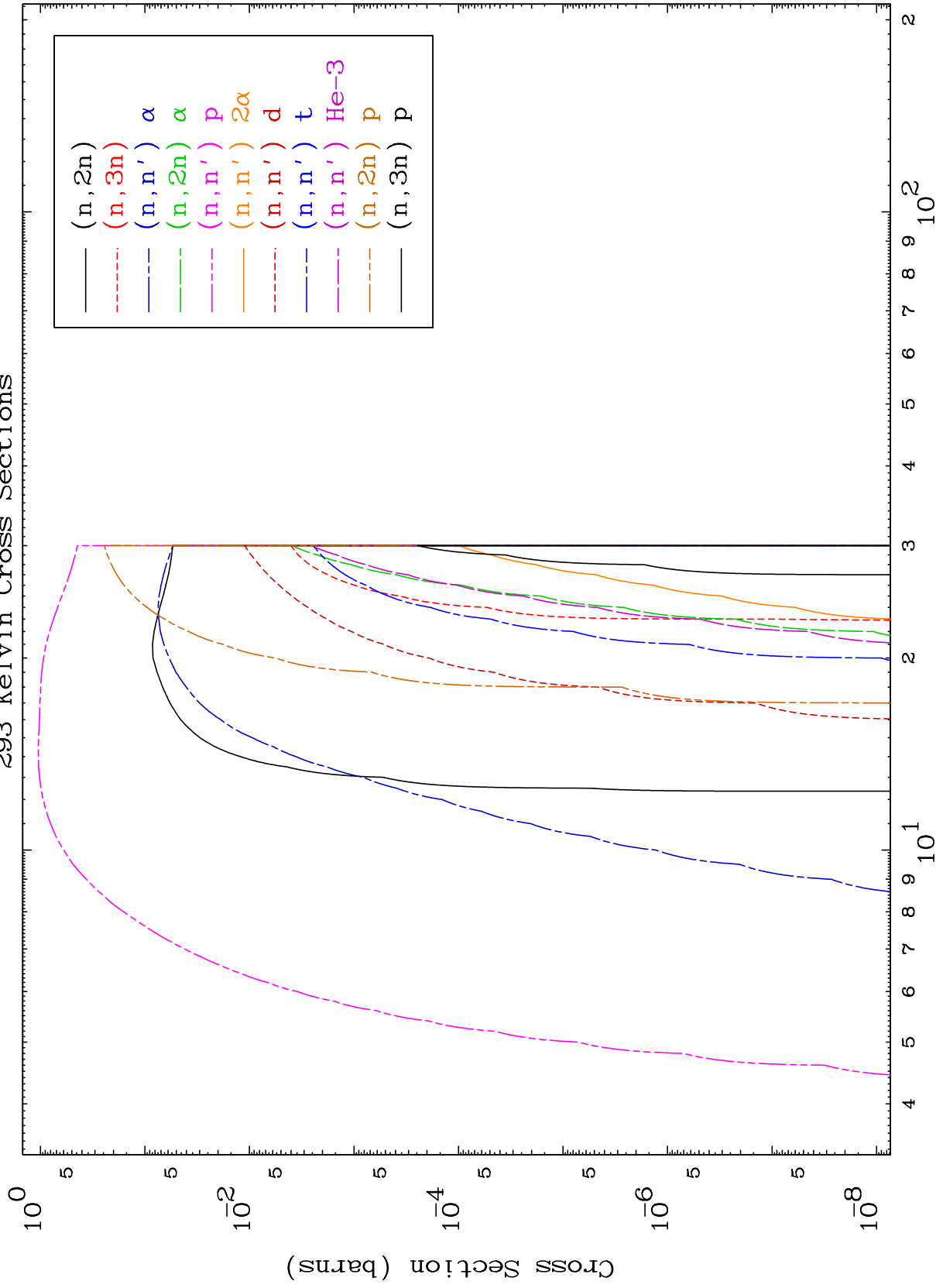
Press Mouse Button to Start

MAT 3907

Major
293 Kelvin Cross Sections

39-Y -83

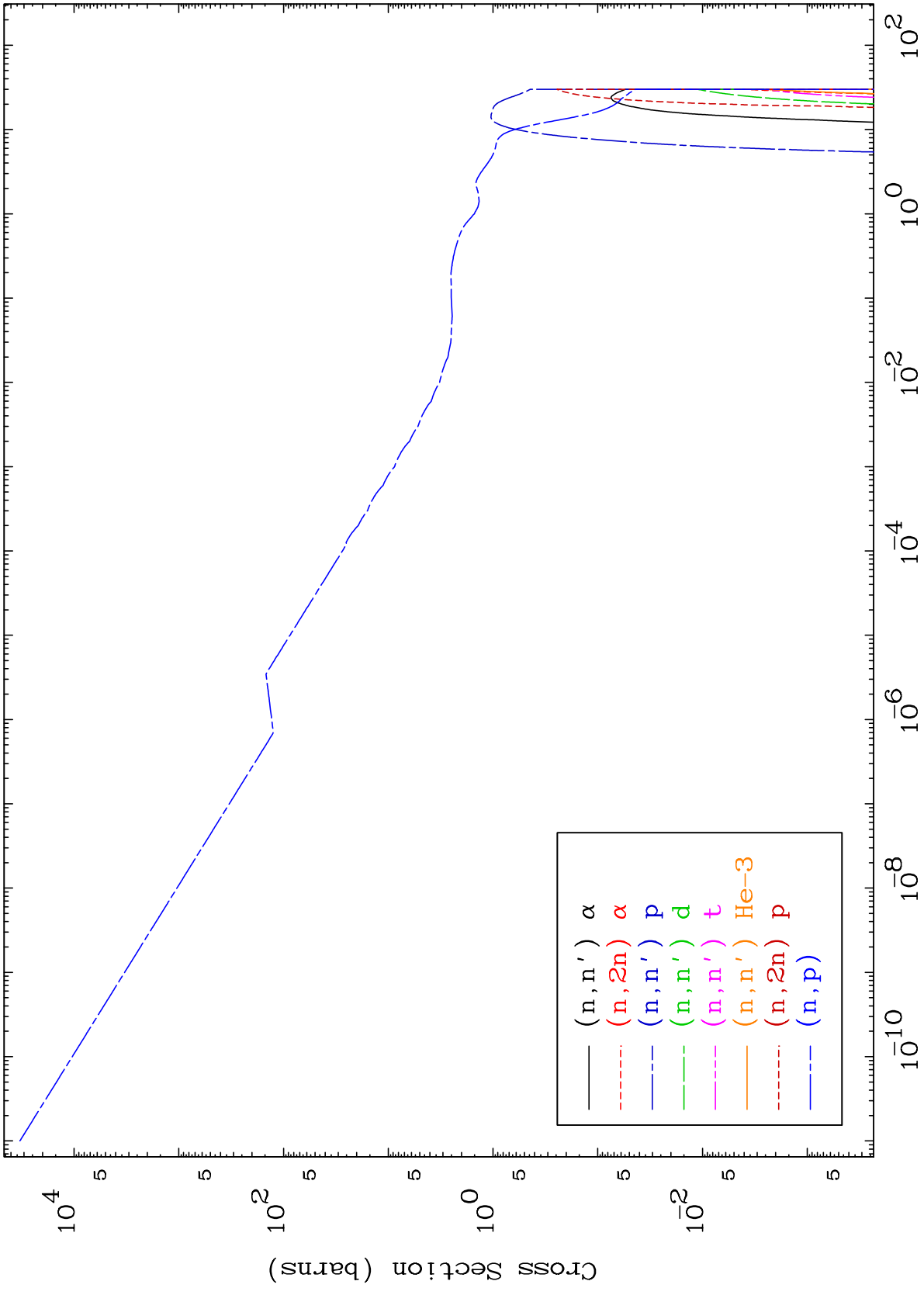




MAT 3907

Charged Particle
293 Kelvin Cross Sections

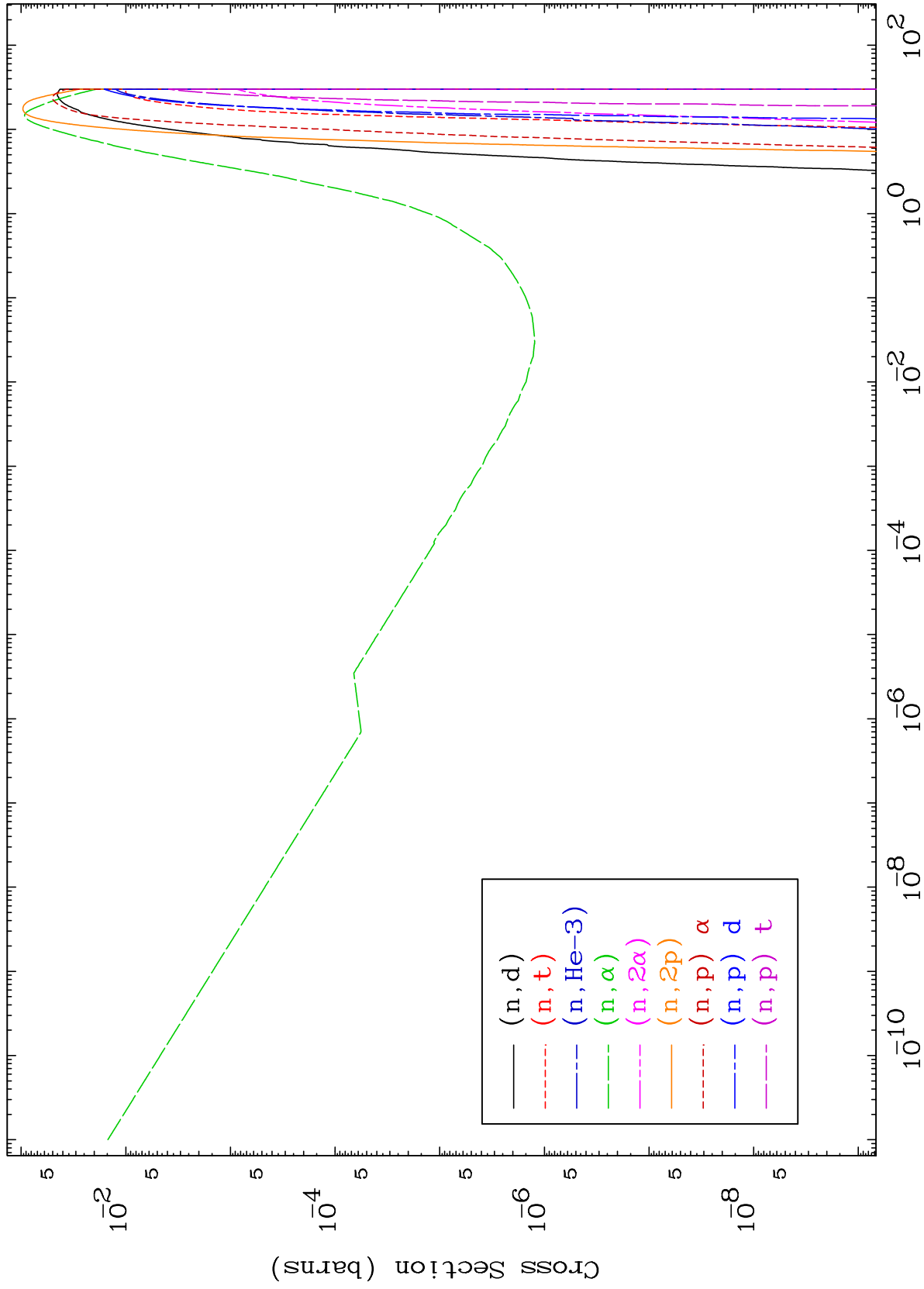
39-Y -83



MAT 3907

Charged Particle
293 Kelvin Cross Sections

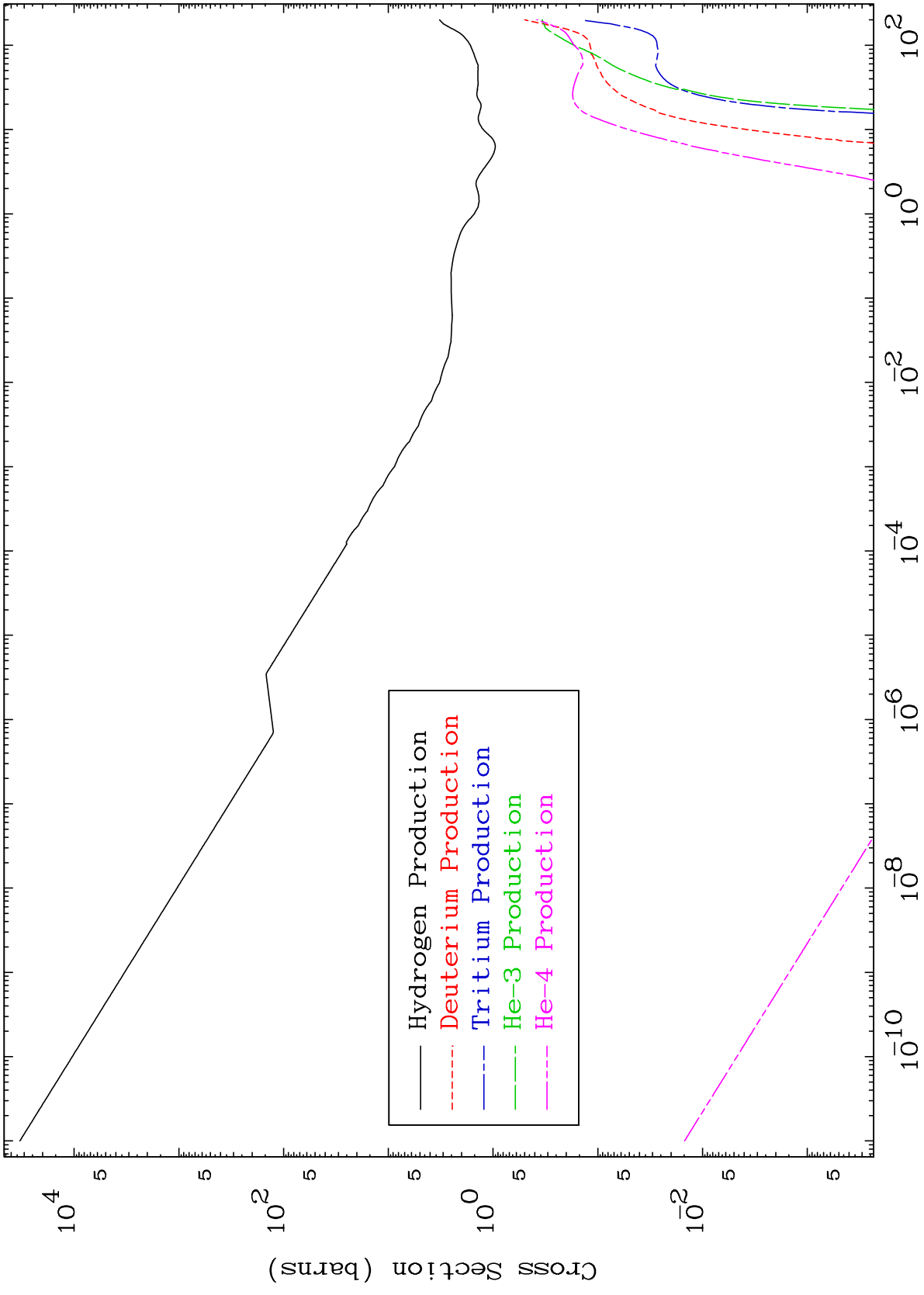
39-Y -83



MAT 3907

Particle Production
293 Kelvin Cross Sections

39-Y -83



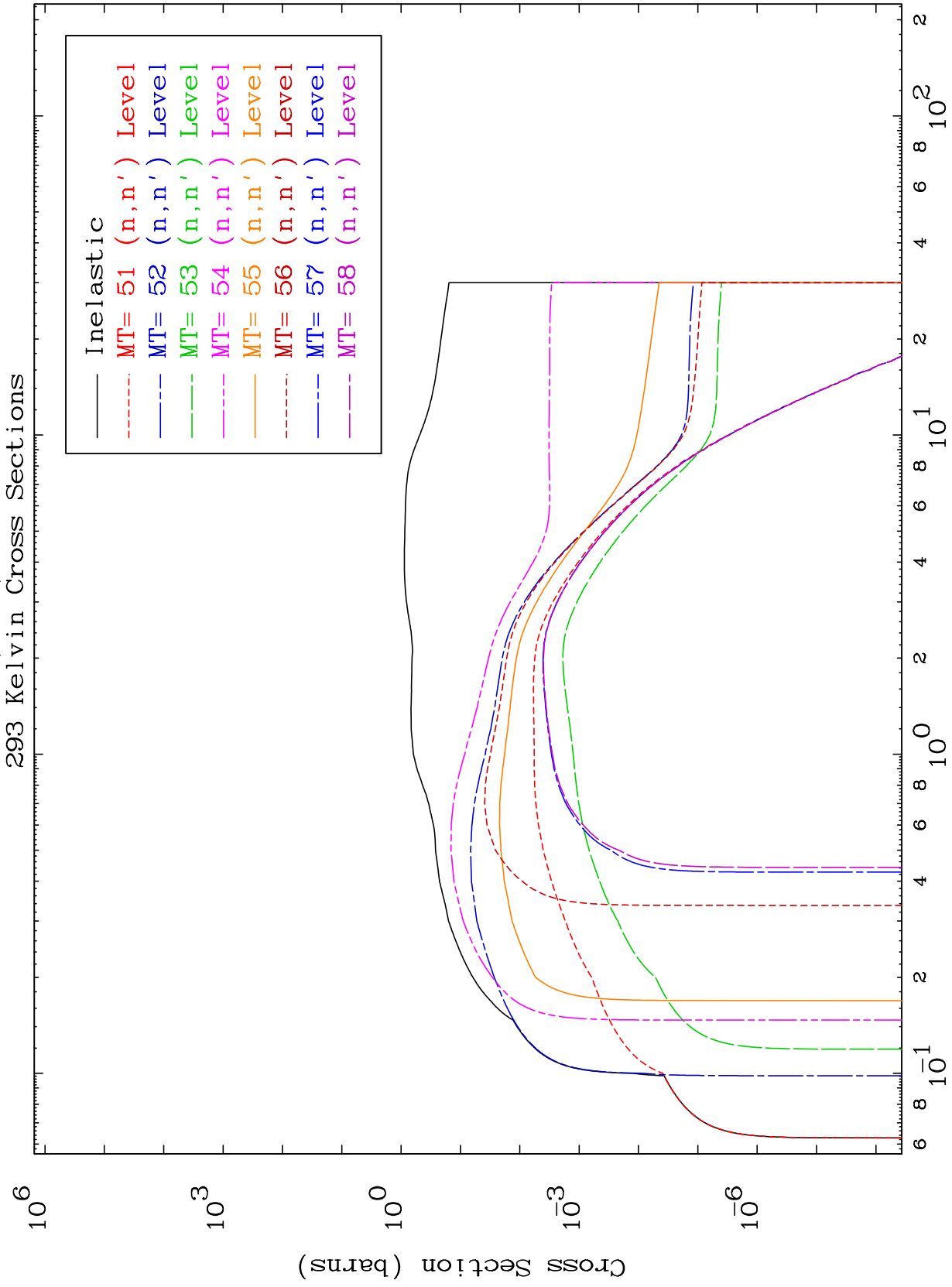
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39-Y -83

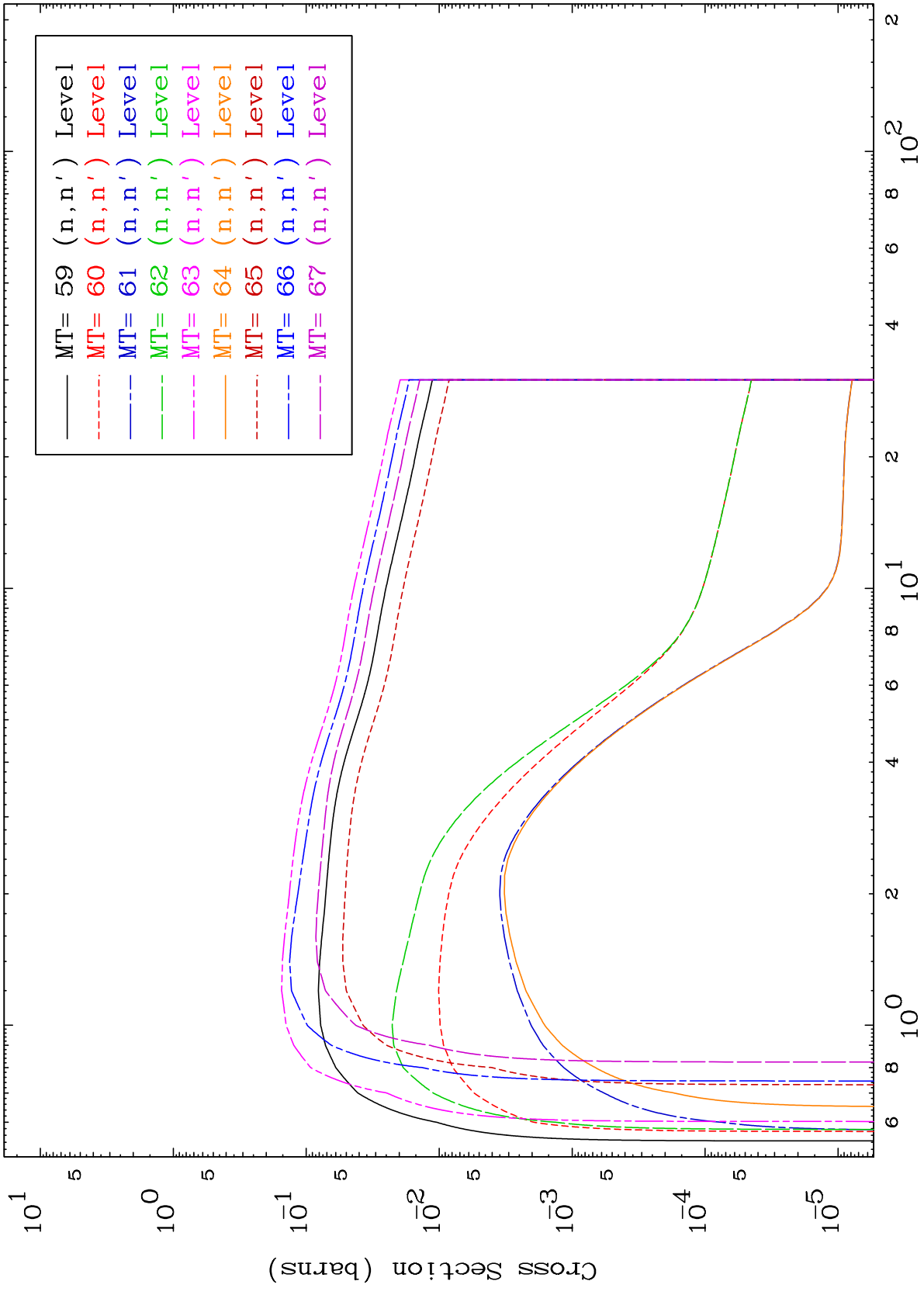
MAT 3907

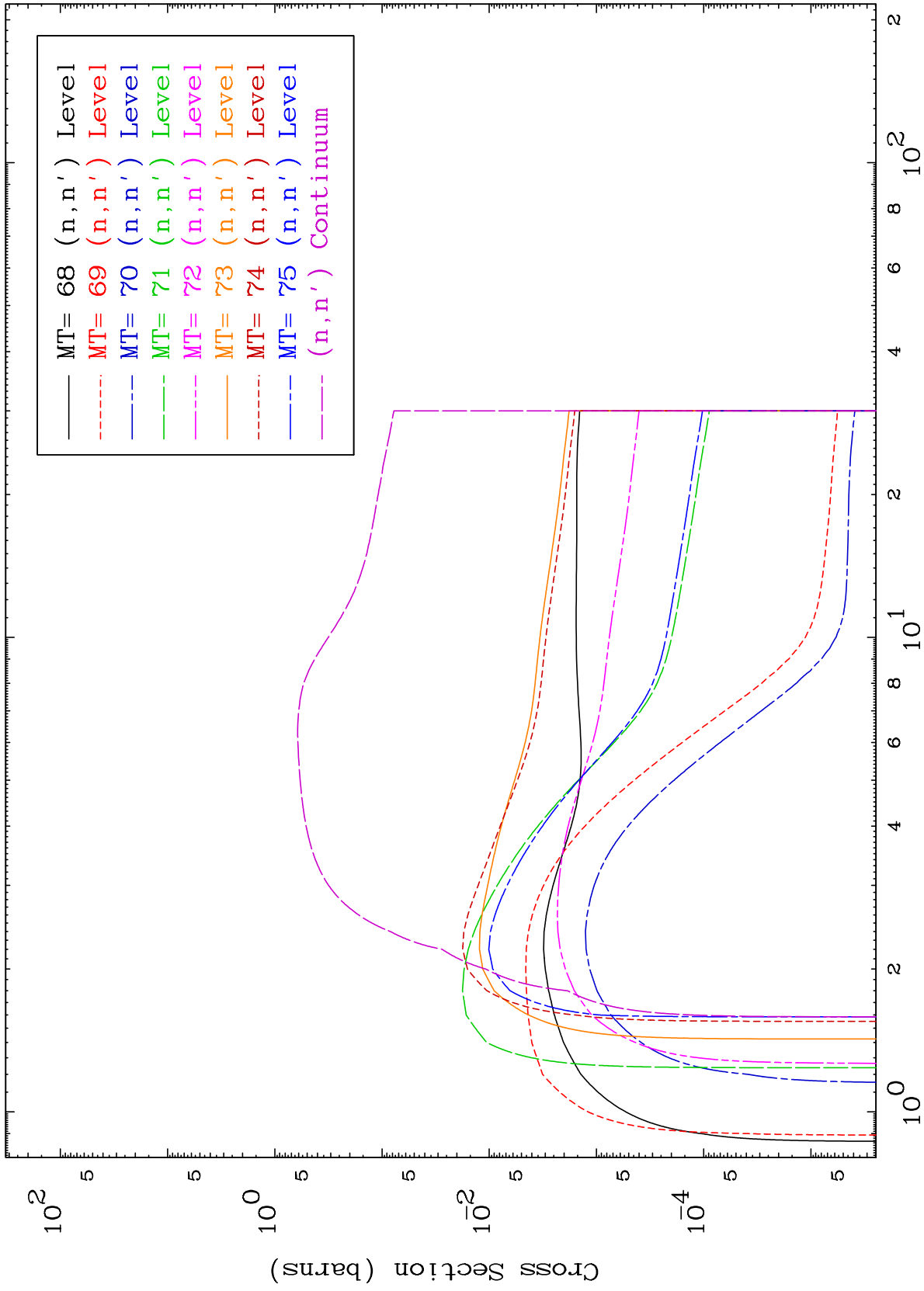
(n,n') Level

39-Y -83



6

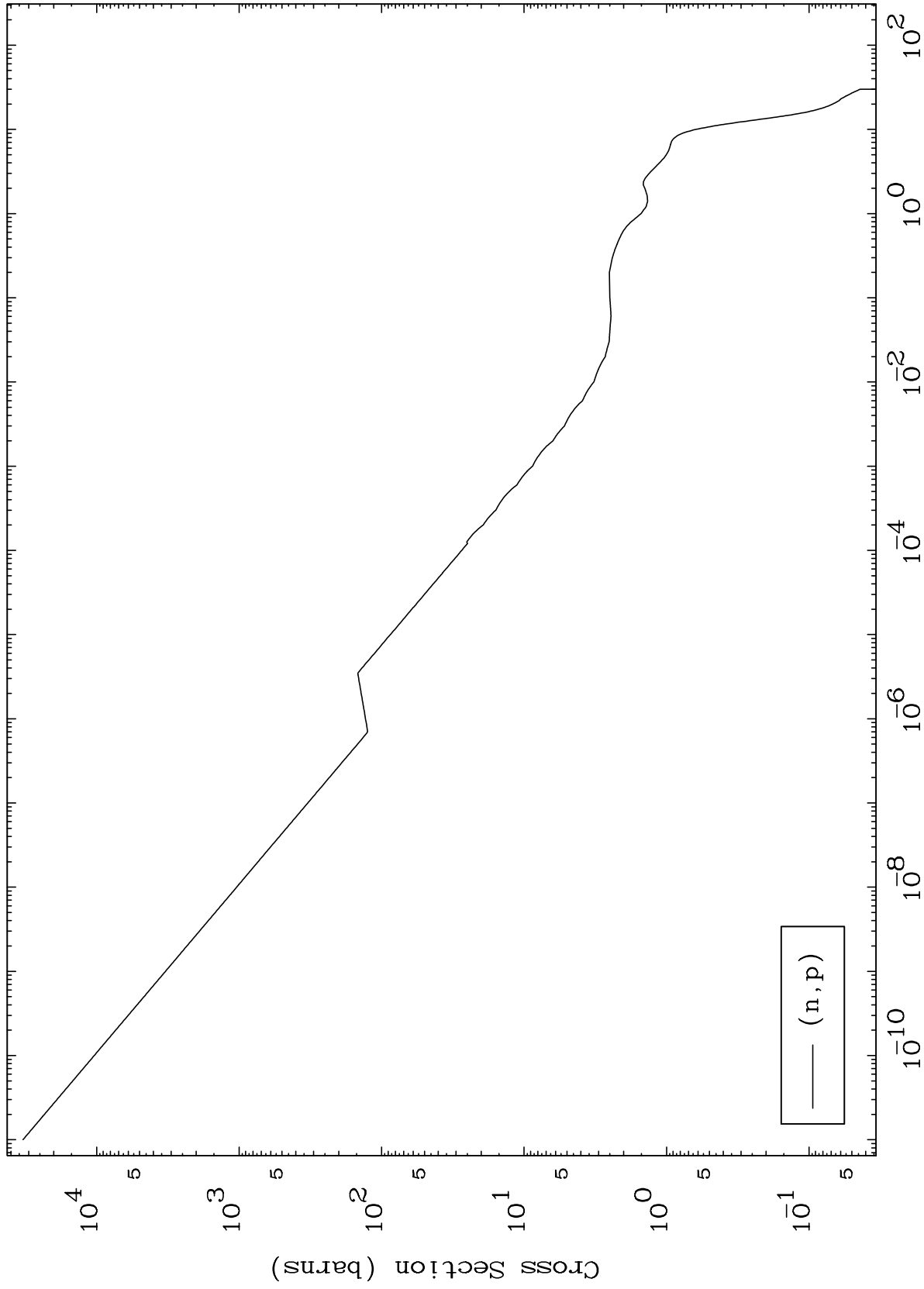




MAT 3907

(n,p) Levels
293 Kelvin Cross Sections

39-Y -83



9

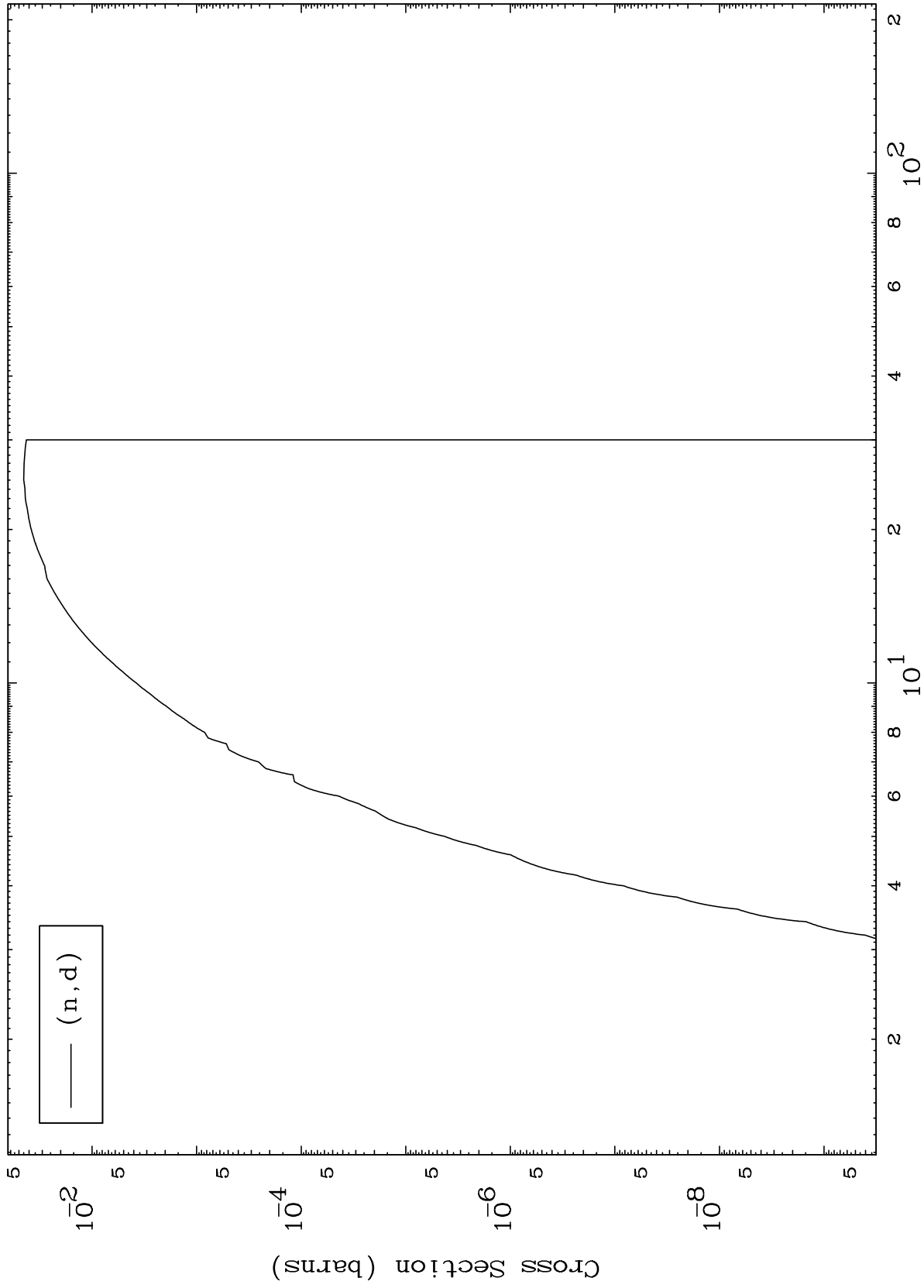
Incident Energy (MeV)

39-Y -83

MAT 3907

(n,d) Levels
293 Kelvin Cross Sections

39-Y -83



10

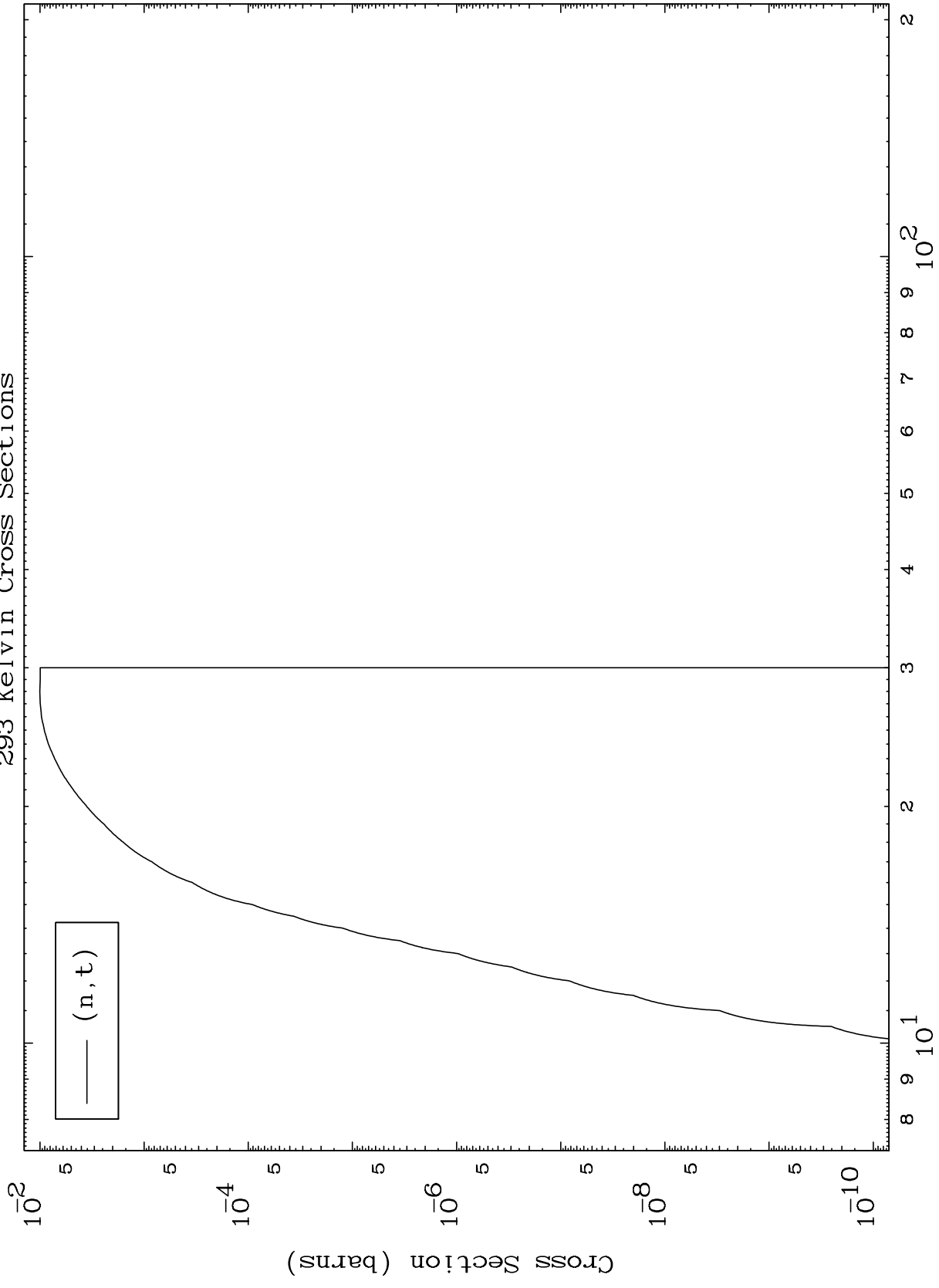
Incident Energy (MeV)

39-Y -83

MAT 3907

39-Y -83

(n,t) Levels
293 Kelvin Cross Sections



11

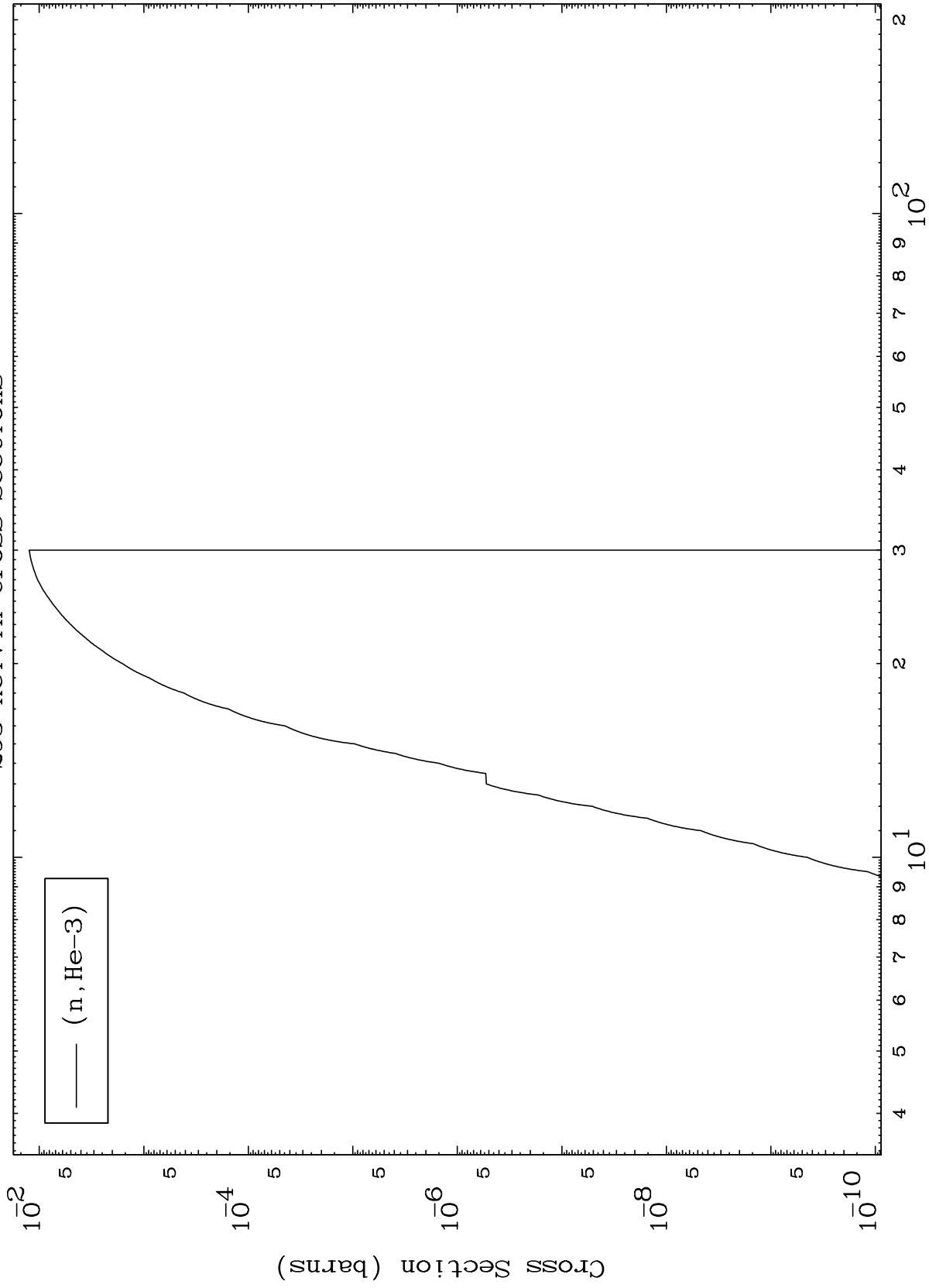
Incident Energy (MeV)

39-Y -83

MAT 3907

39-Y -83

(n,He3) Levels
293 Kelvin Cross Sections



12

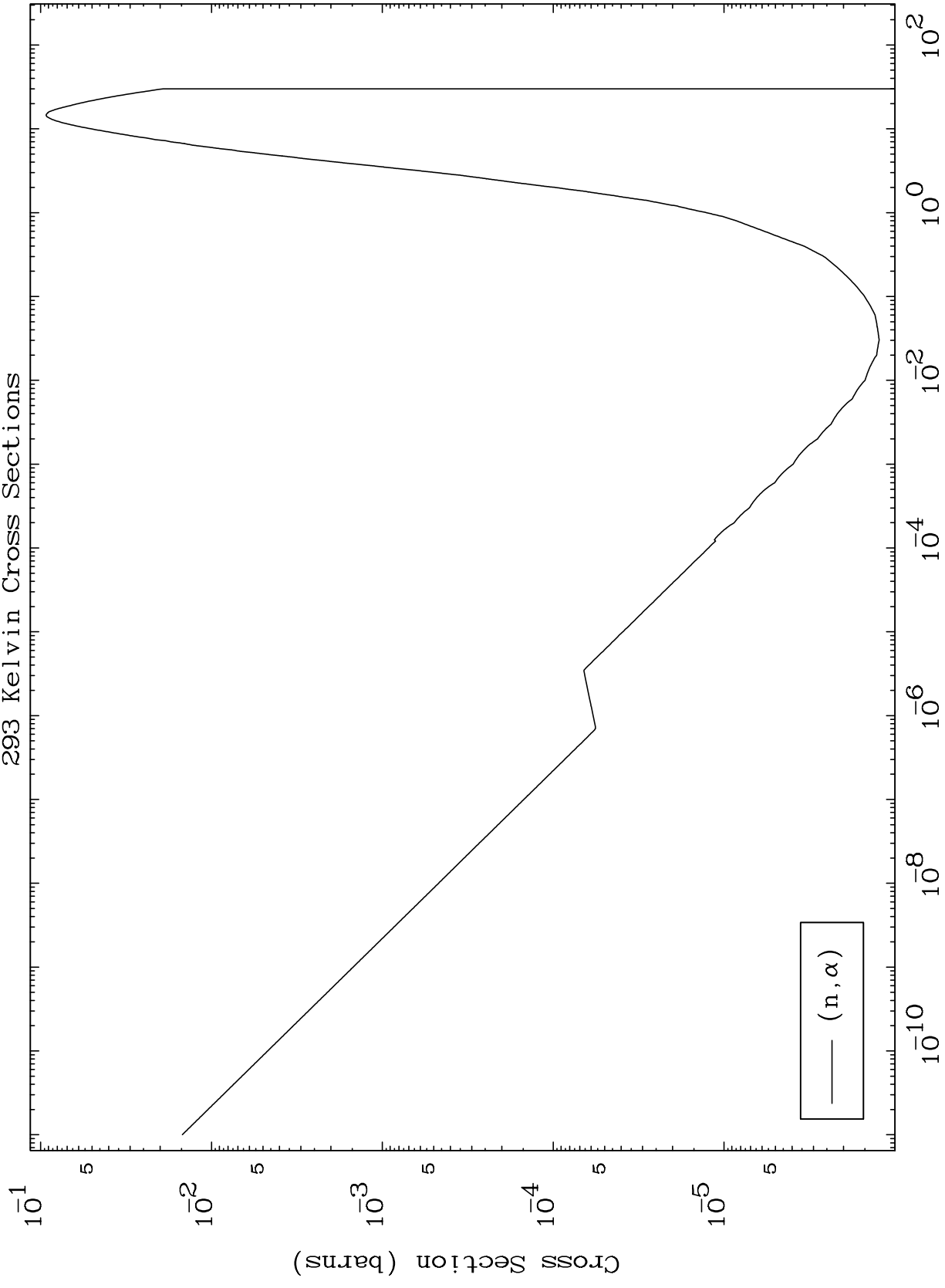
Incident Energy (MeV)

39-Y -83

MAT 3907

(n, α) Levels
293 Kelvin Cross Sections

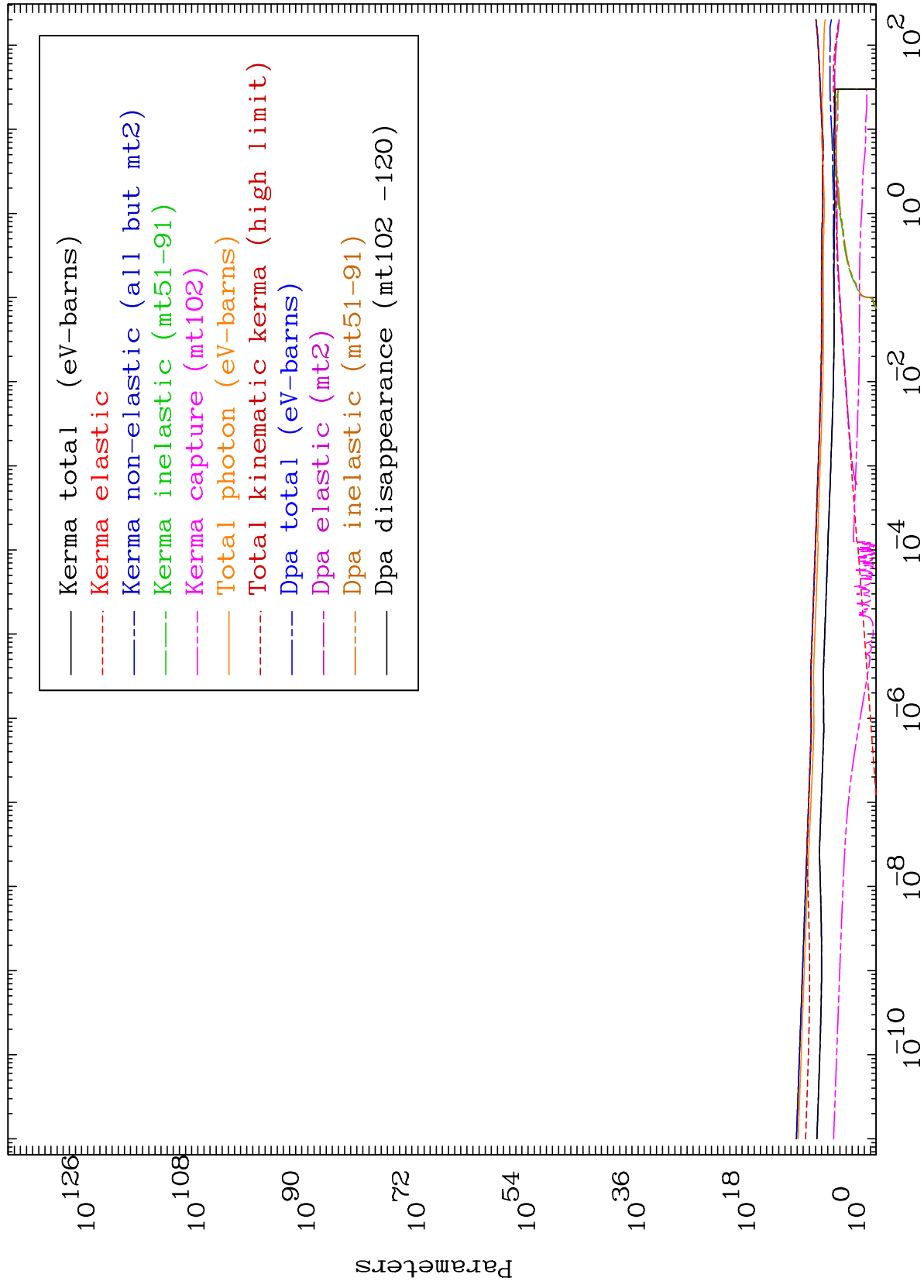
39-Y -83



13

Incident Energy (MeV)

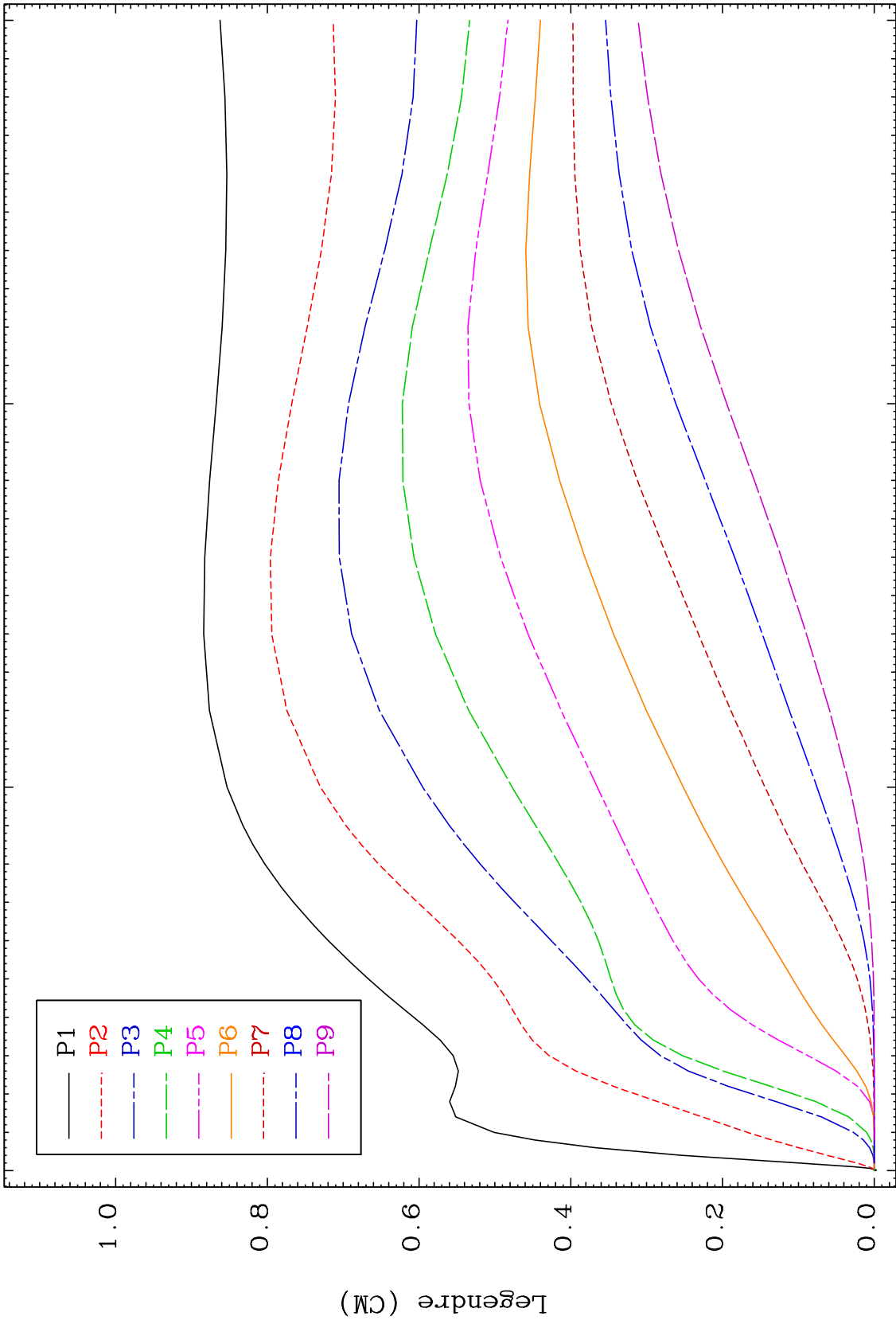
39-Y -83



MAT 3907

Elastic Legendre Coefficients

39-Y -83



15

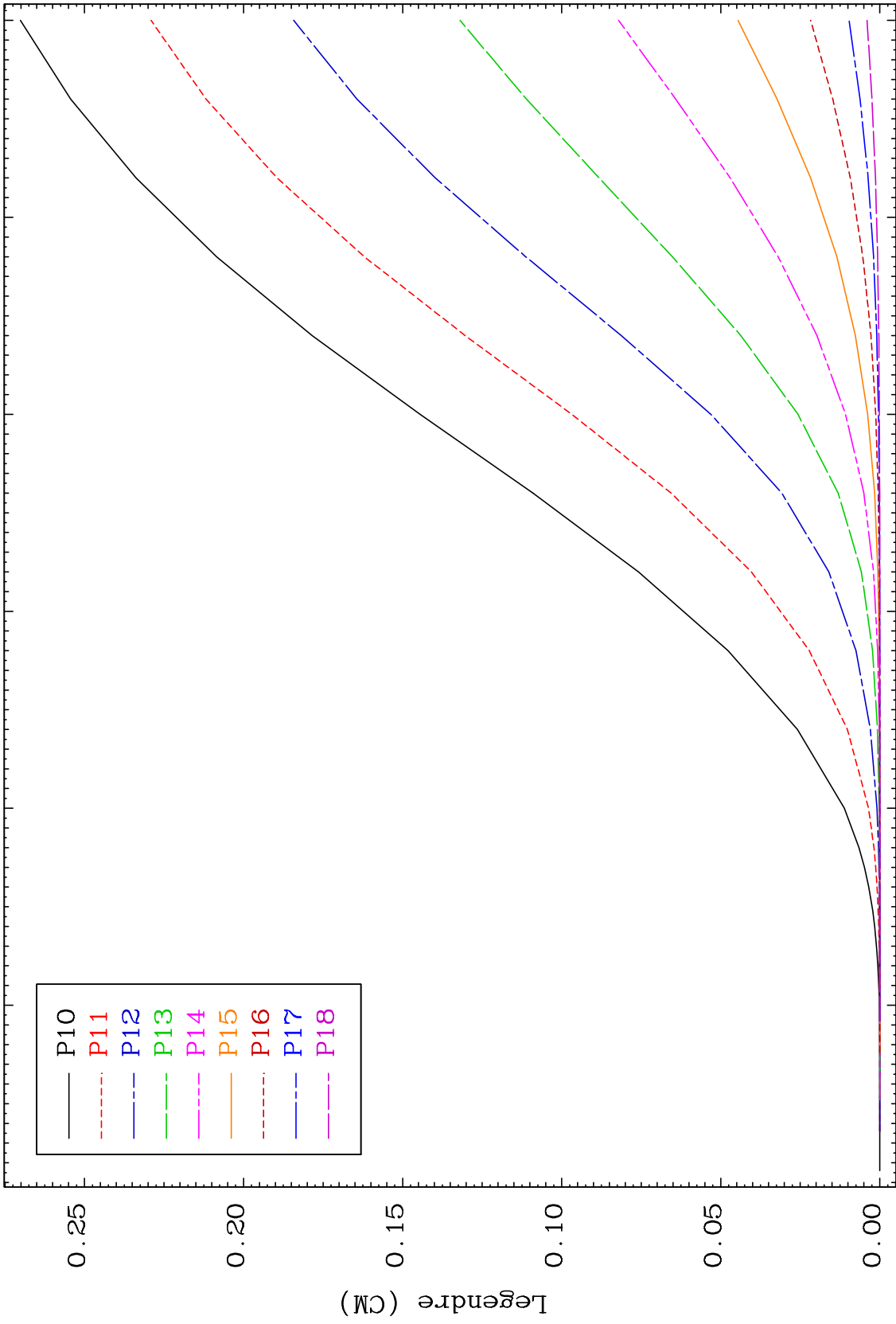
Incident Energy (MeV)

39-Y -83

MAT 3907

Elastic Legendre Coefficients

39-Y -83



16

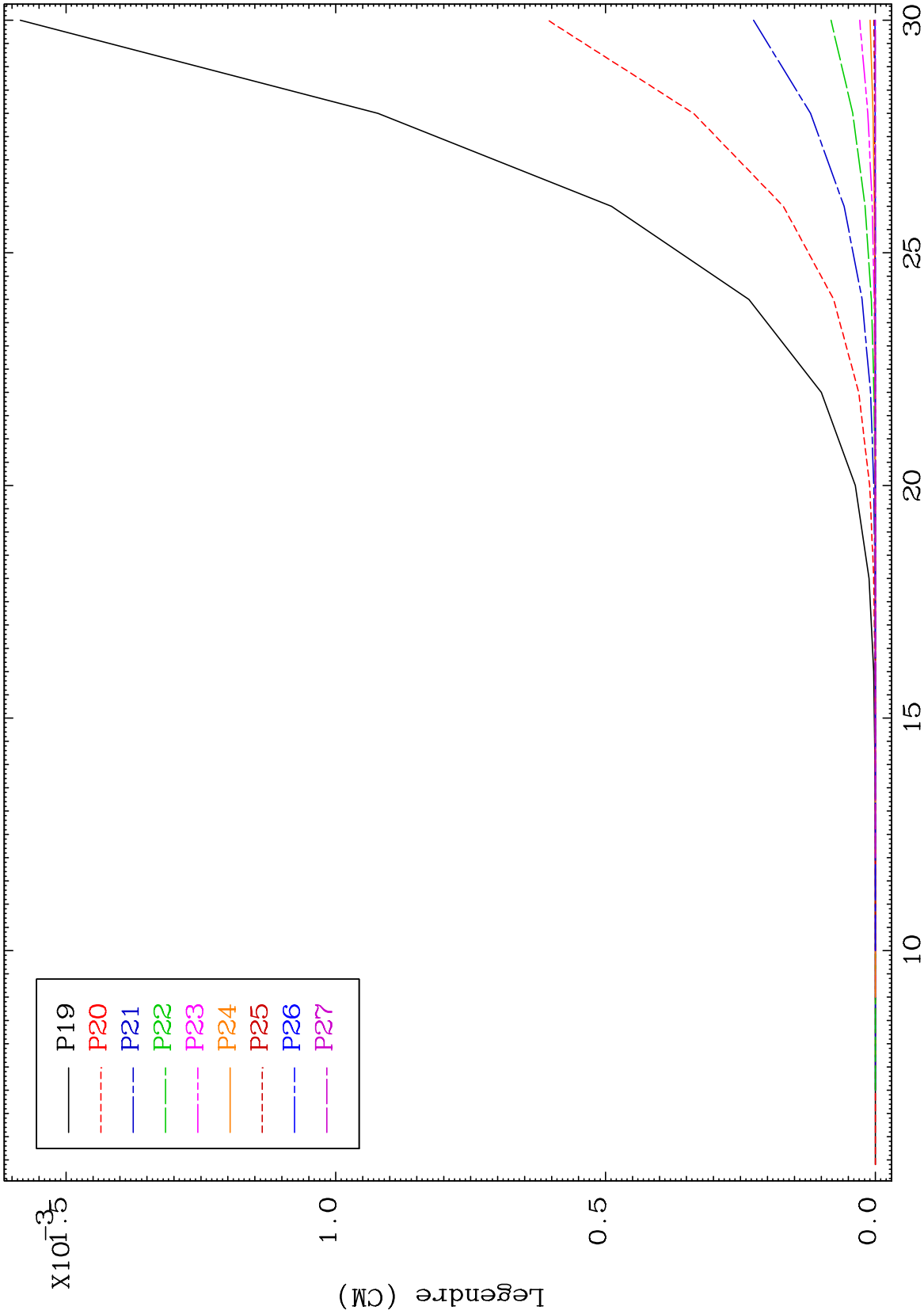
Incident Energy (MeV)

39-Y -83

MAT 3907

Elastic Legendre Coefficients

39-Y -83



17

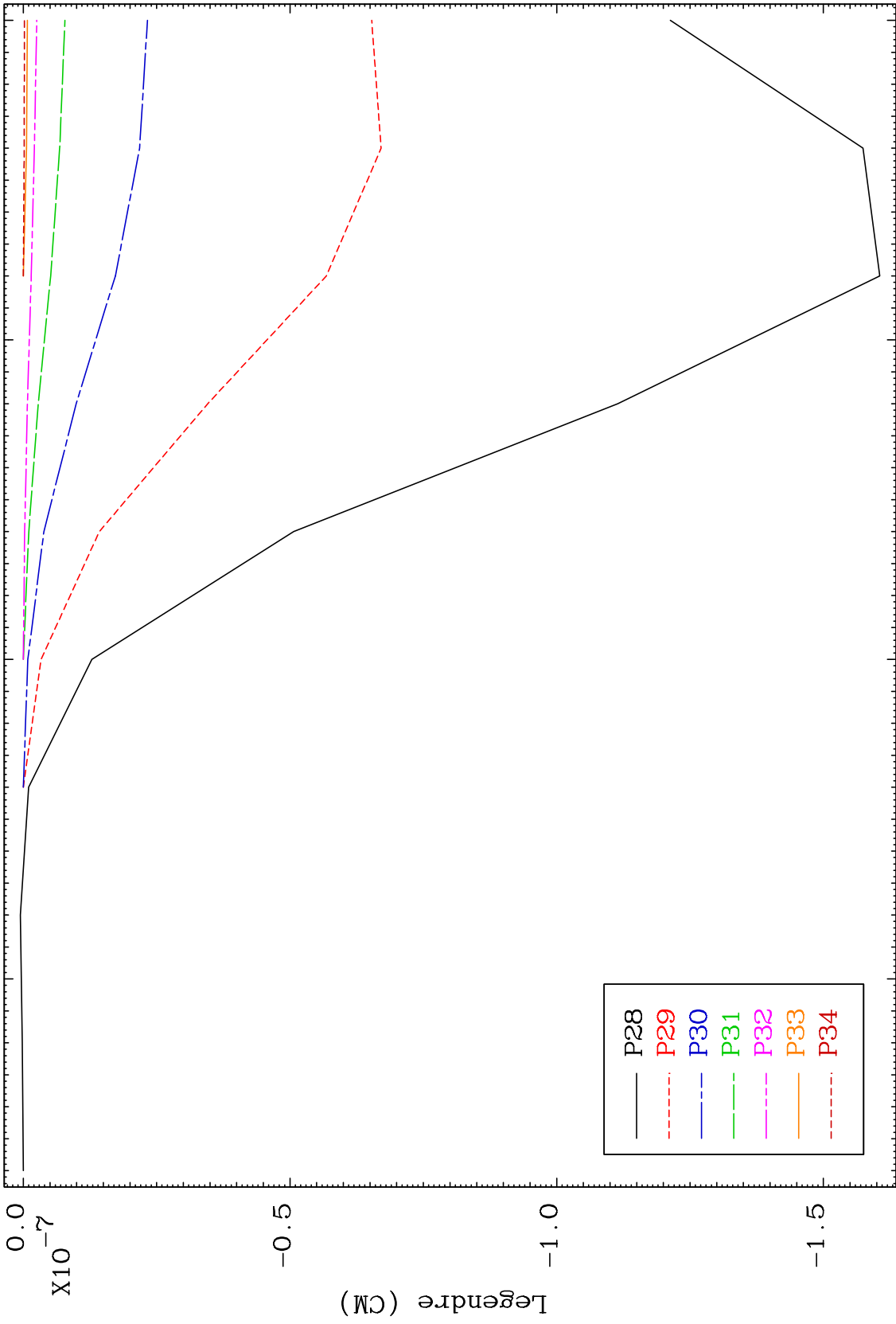
Incident Energy (MeV)

39-Y -83

MAT 3907

Elastic Legendre Coefficients

39-Y -83

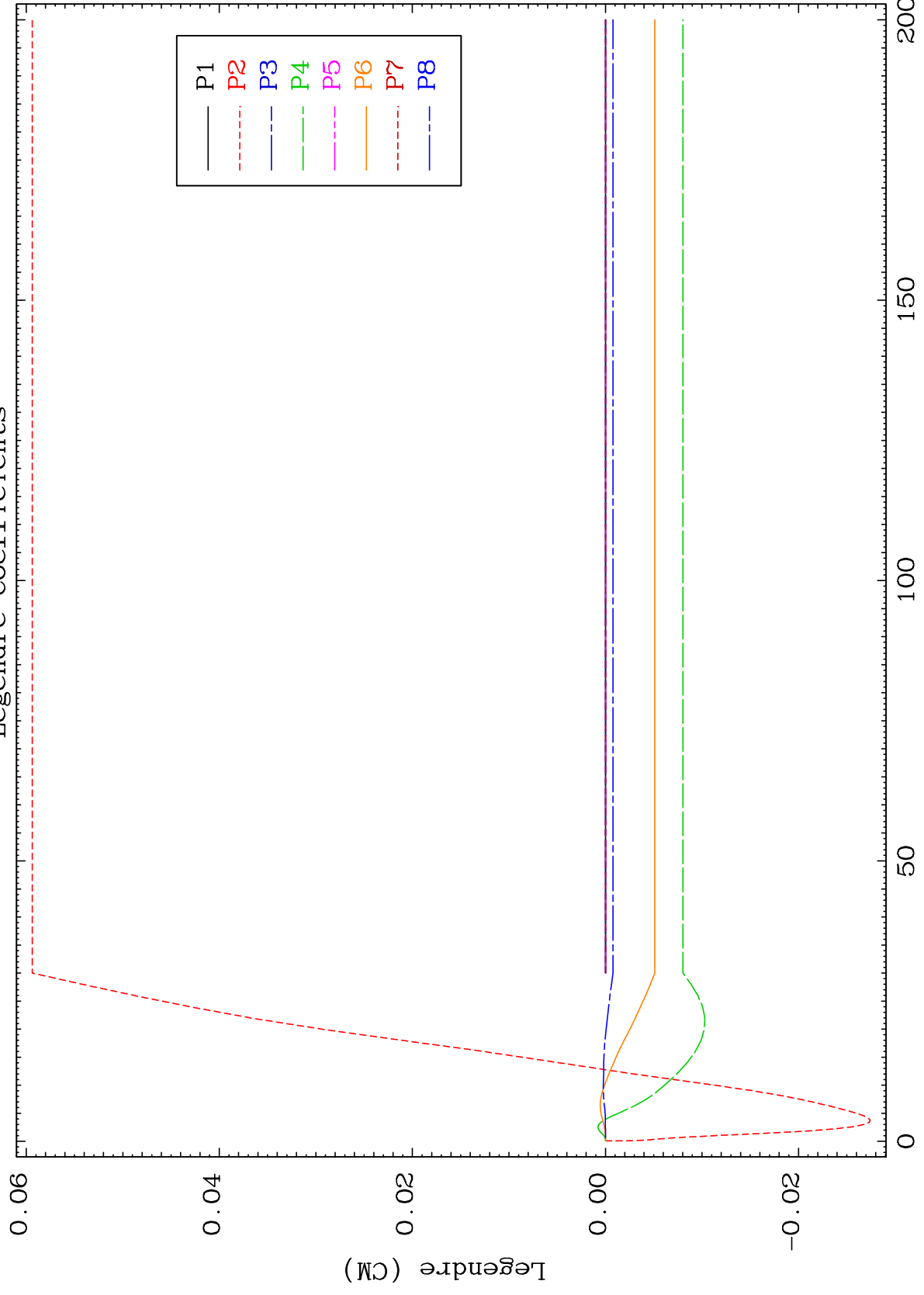


18

Incident Energy (MeV)

39-Y -83

MAT 3907 MT= 51 (n,n') Level Legendre Coefficients 39-Y -83

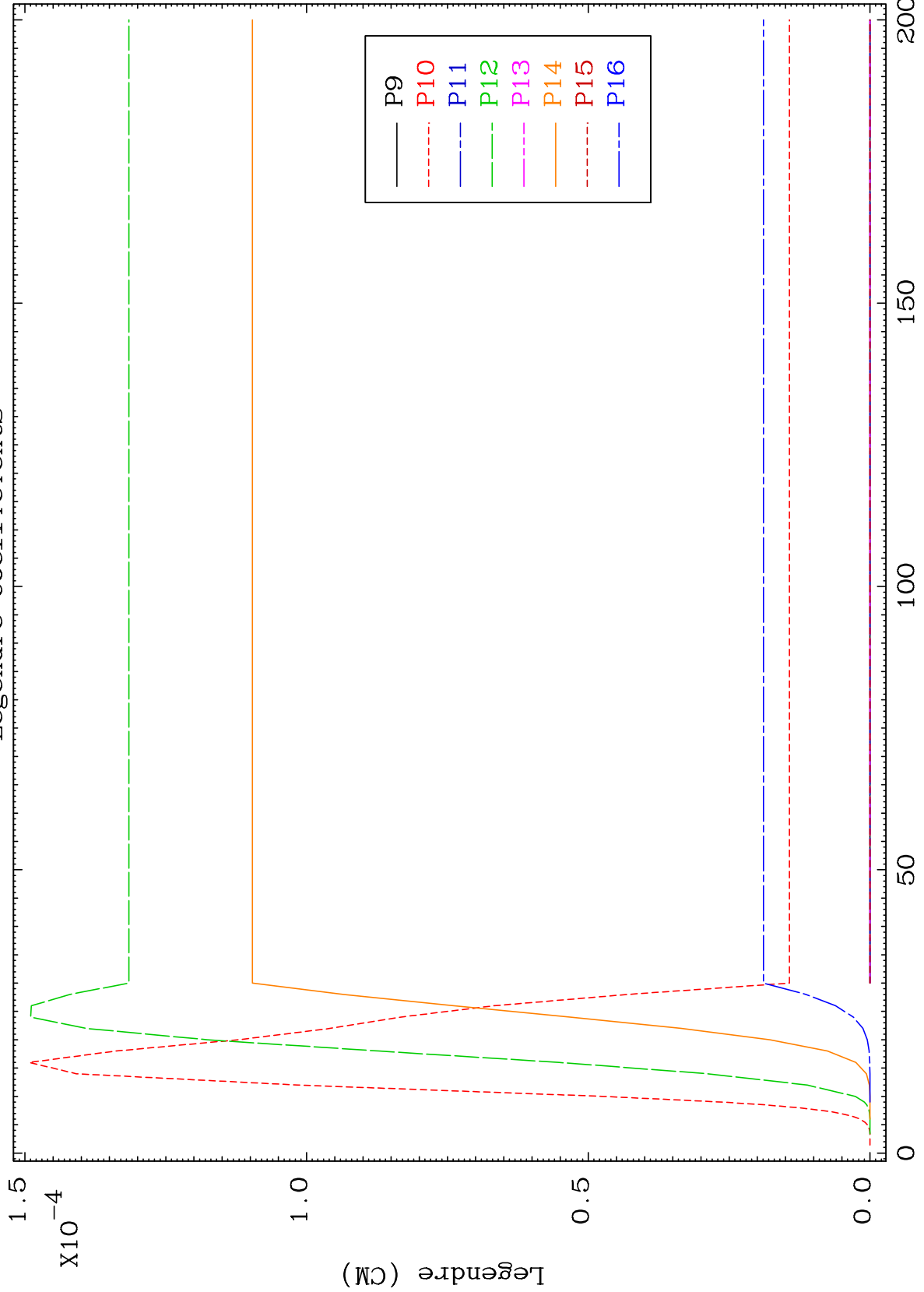


19 39-Y -83

MAT 3907

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

39-Y -83



20

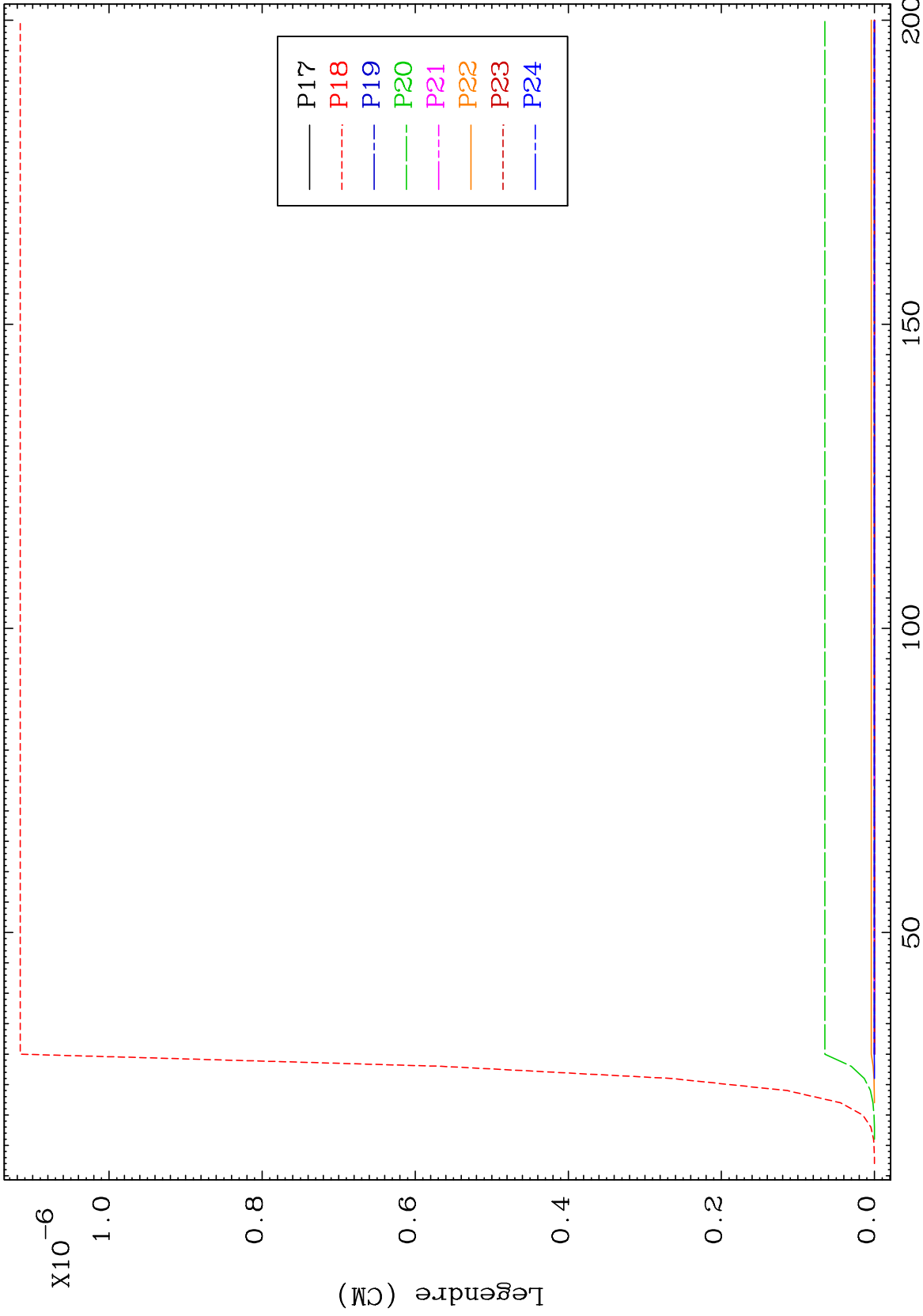
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



21

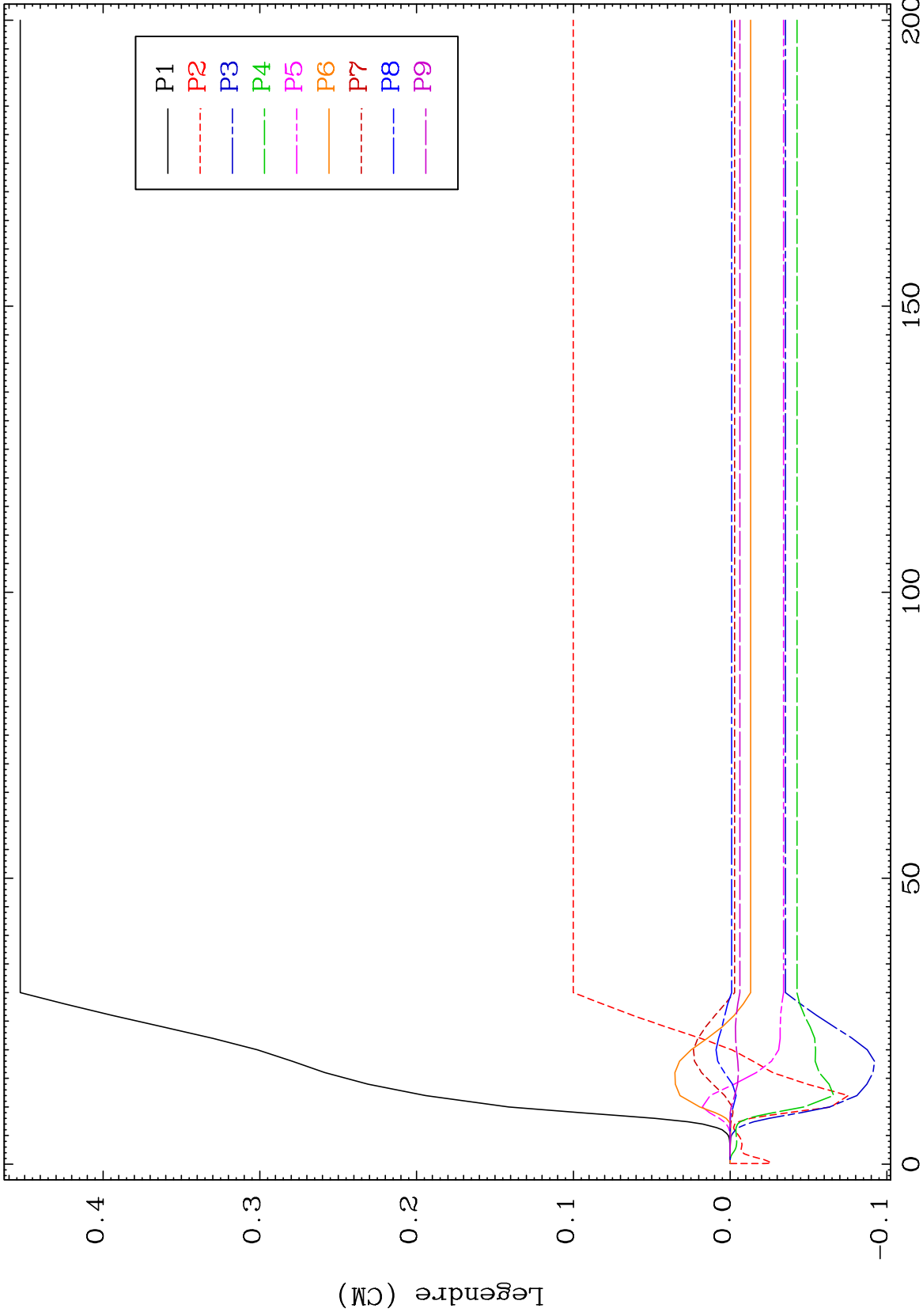
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



22

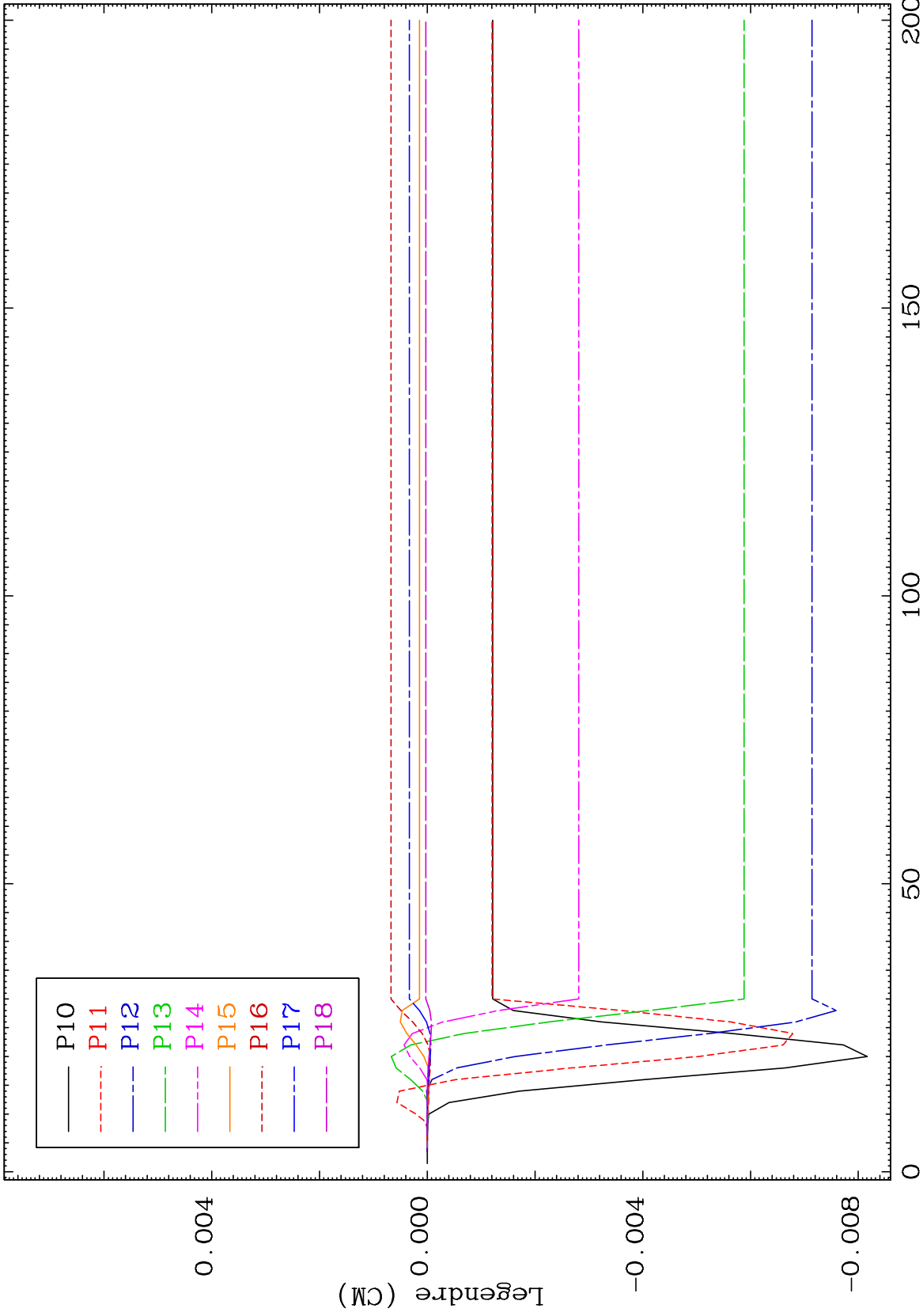
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



23

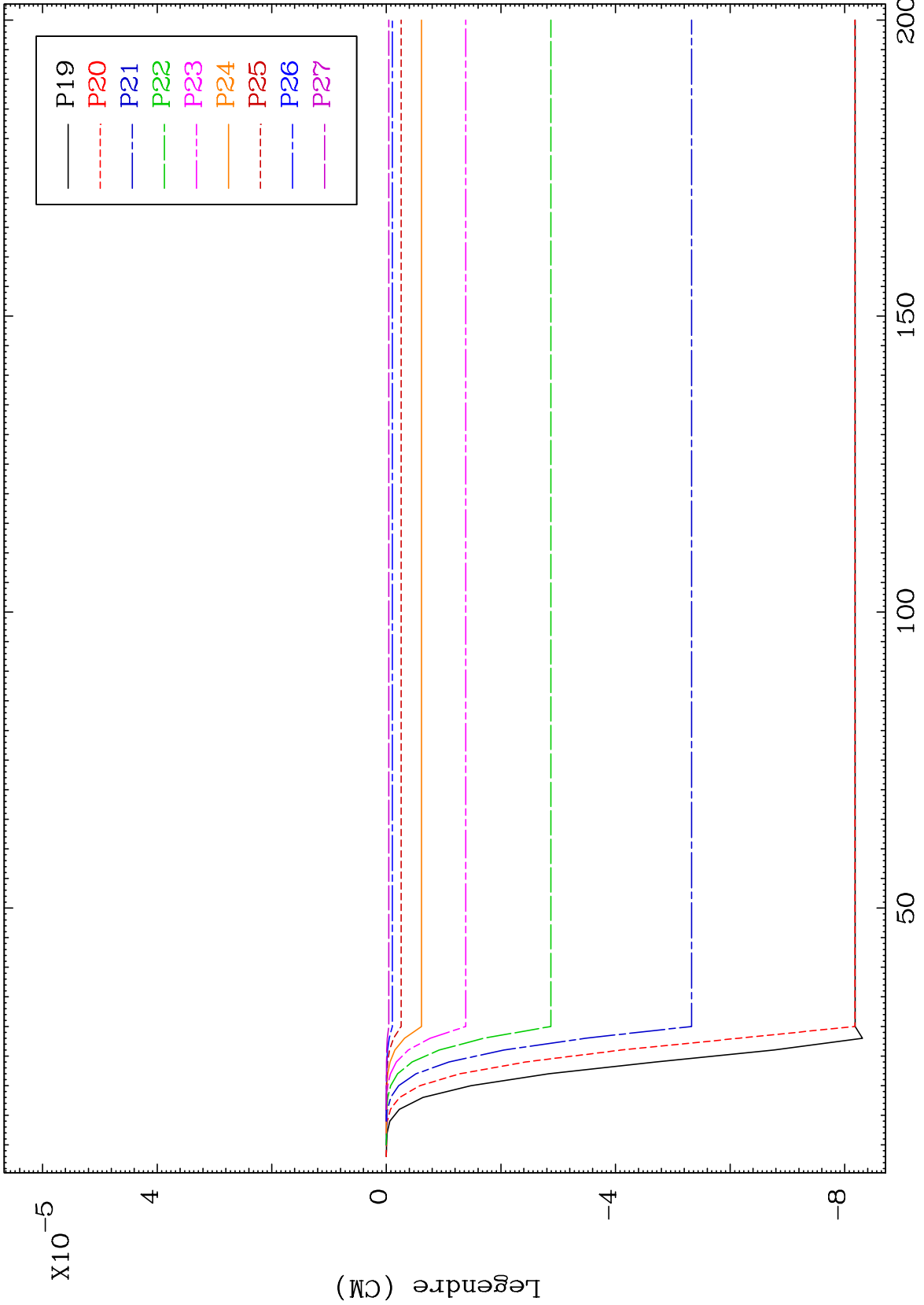
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



24

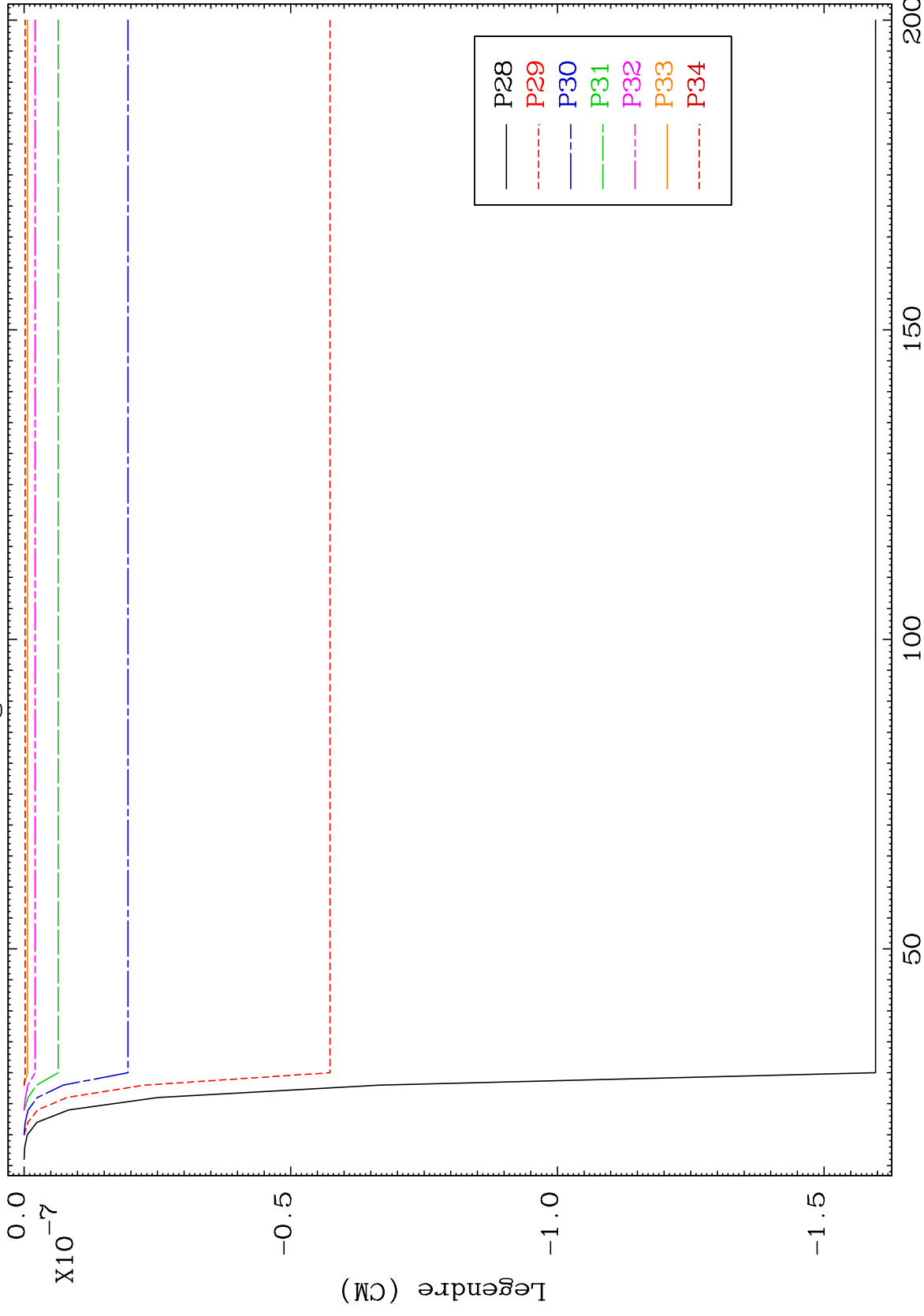
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



39-Y -83

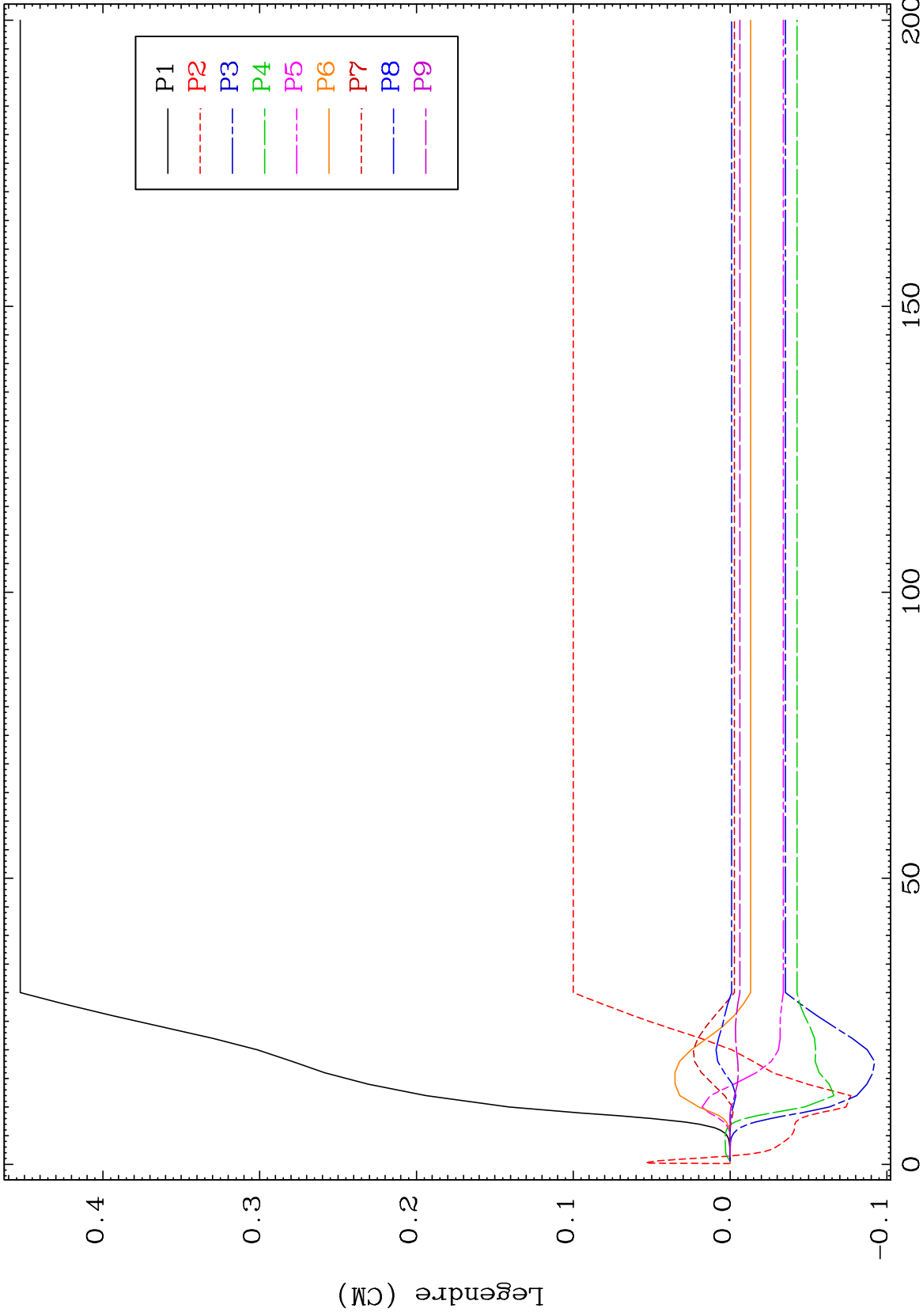
Incident Energy (MeV)

25

MAT 3907

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

39-Y -83



26

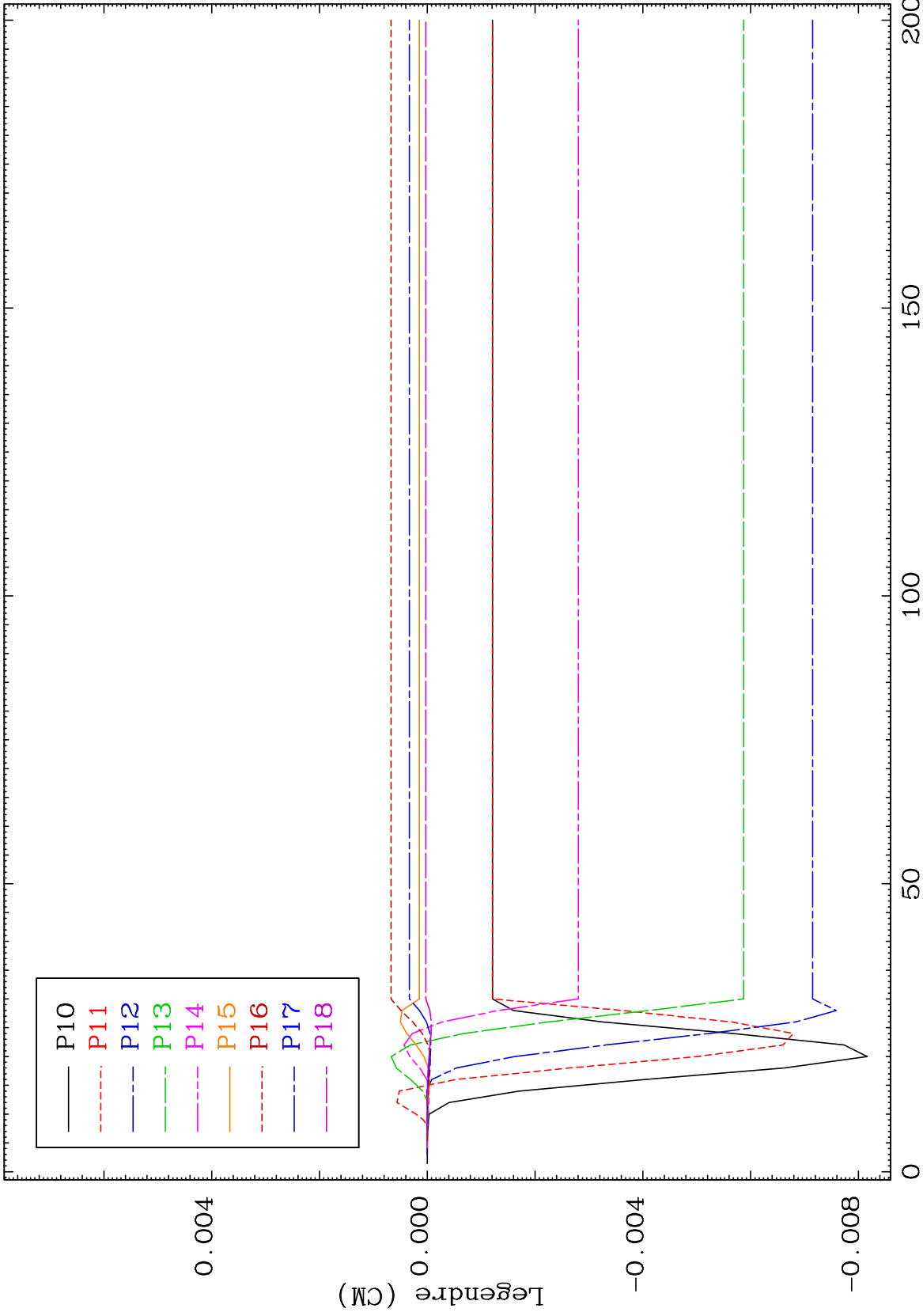
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



27

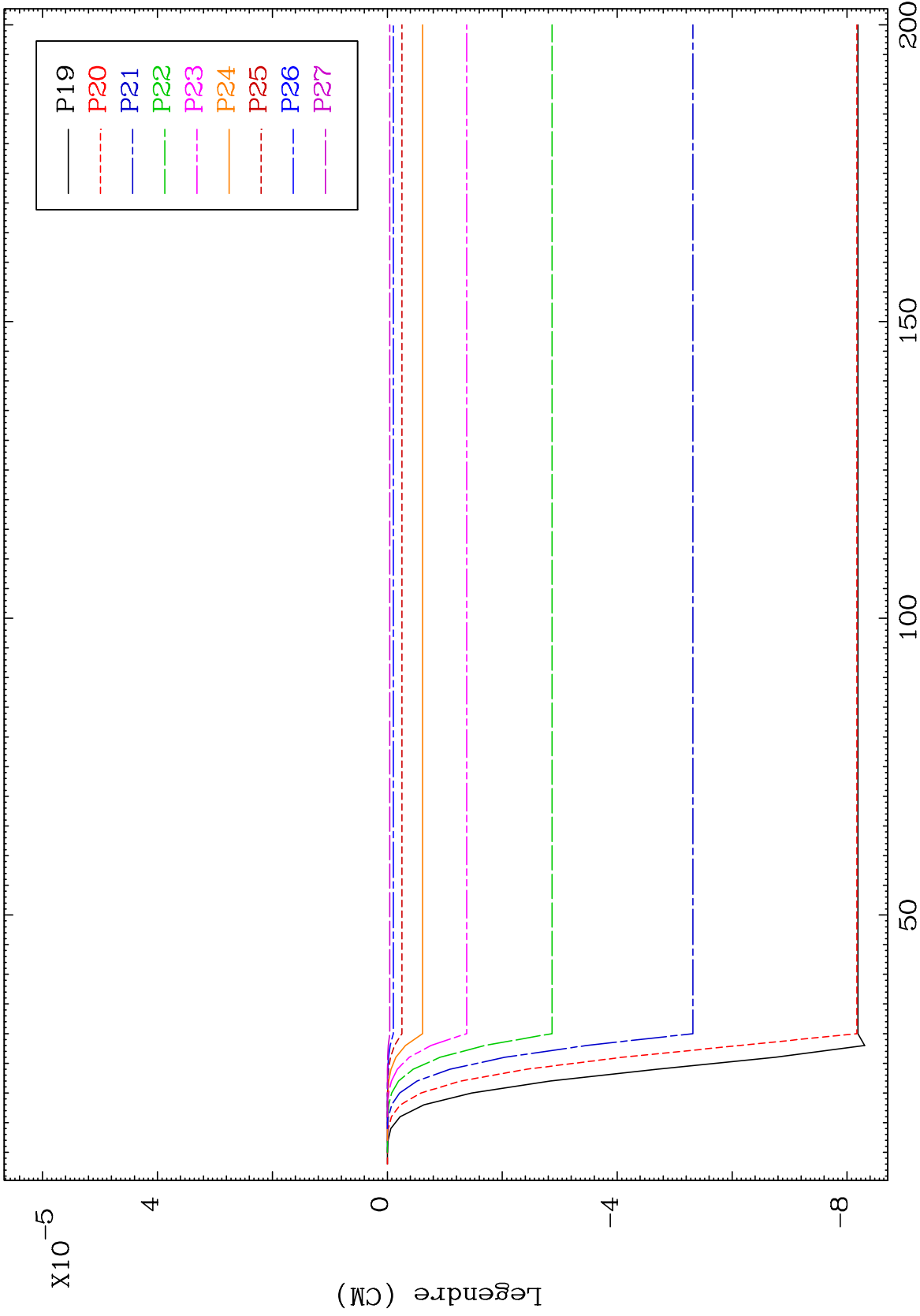
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



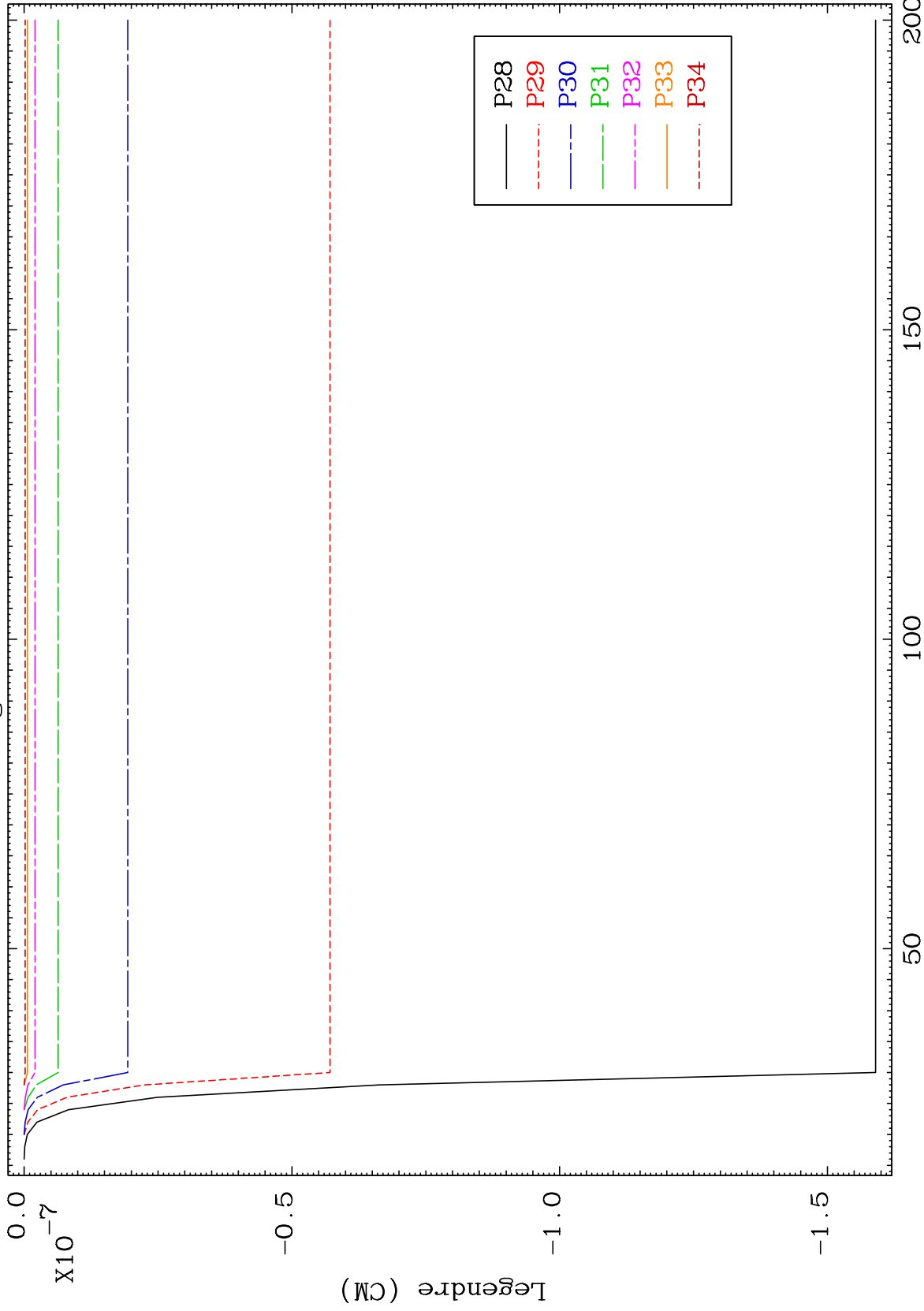
28

Incident Energy (MeV)

39-Y -83

MAT 3907 MT= 53 (n,n') Level 39-Y -83

Legendre Coefficients



29

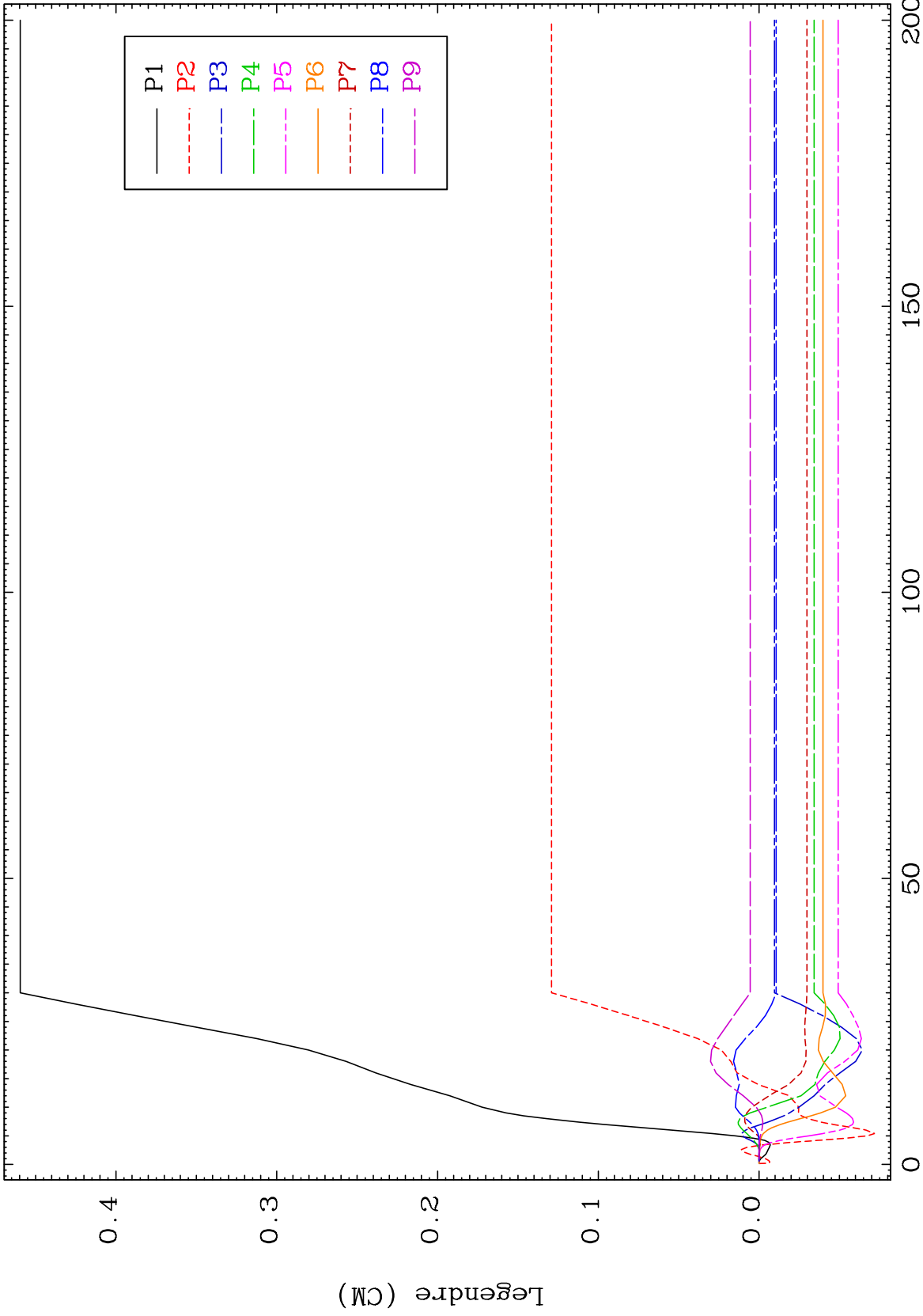
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83

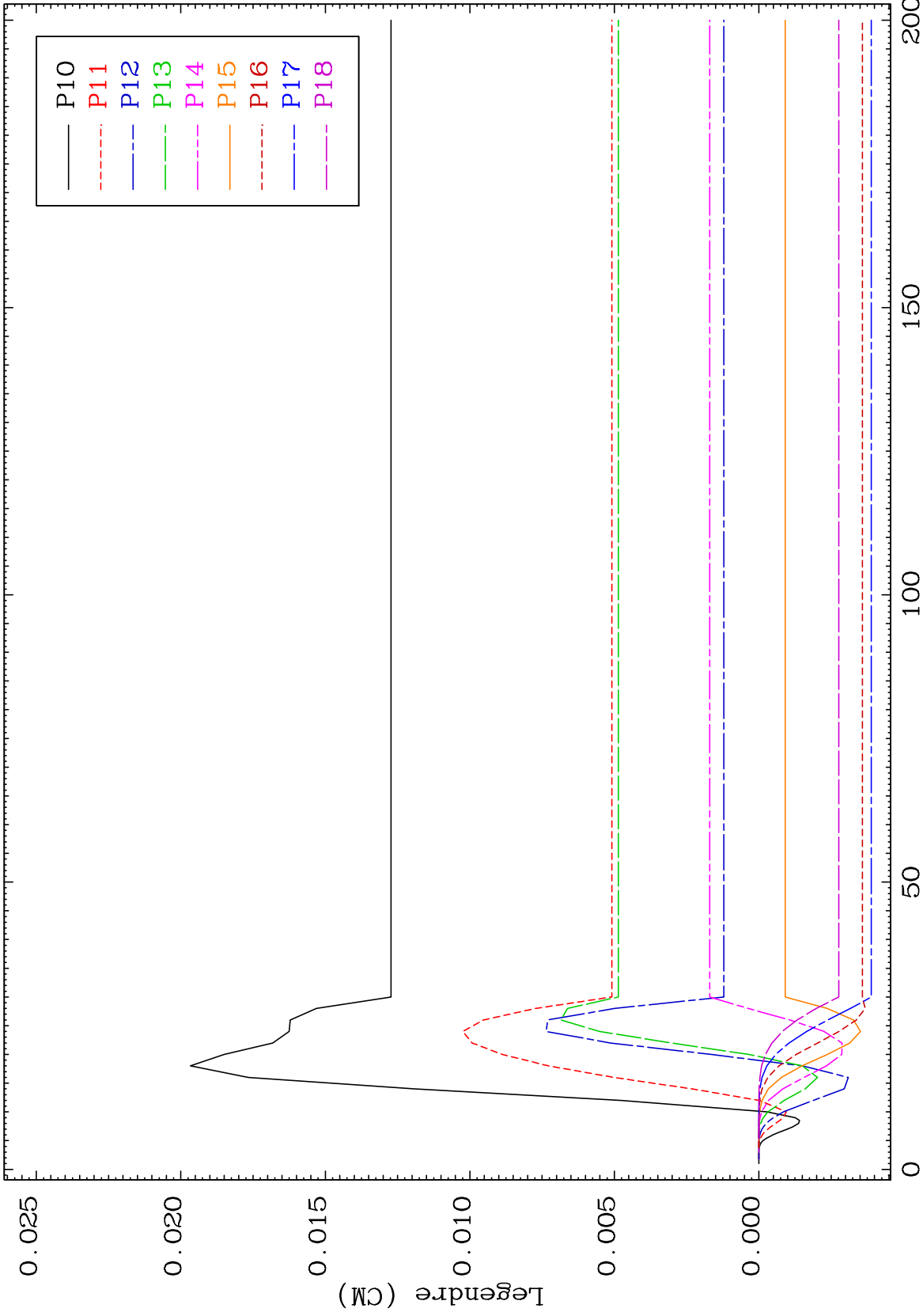


39-Y -83

MAT 3907

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

39-Y -83



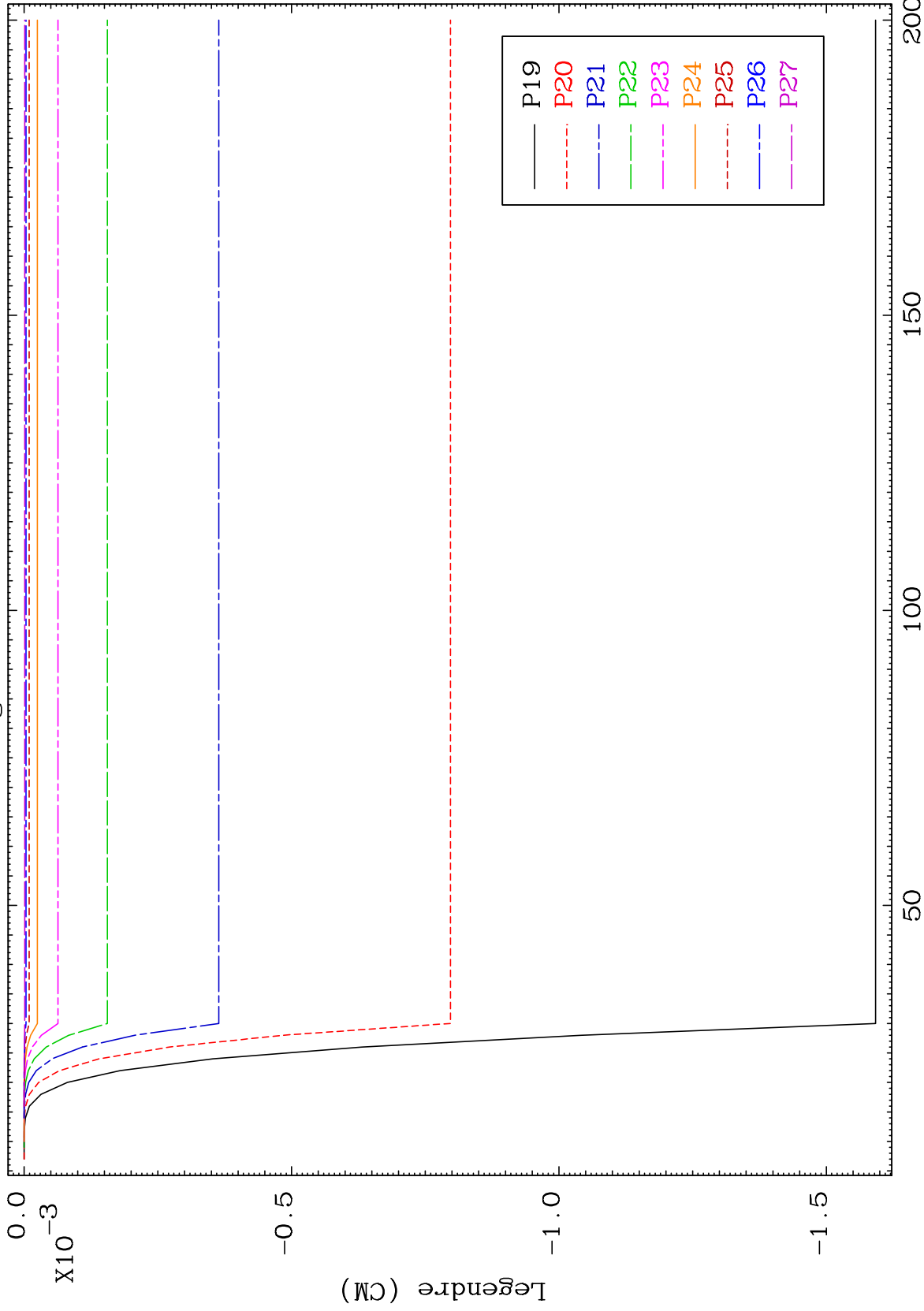
31

Incident Energy (MeV)

39-Y -83

MAT 3907 MT= 54 (n,n') Level 39-Y -83

Legendre Coefficients



32

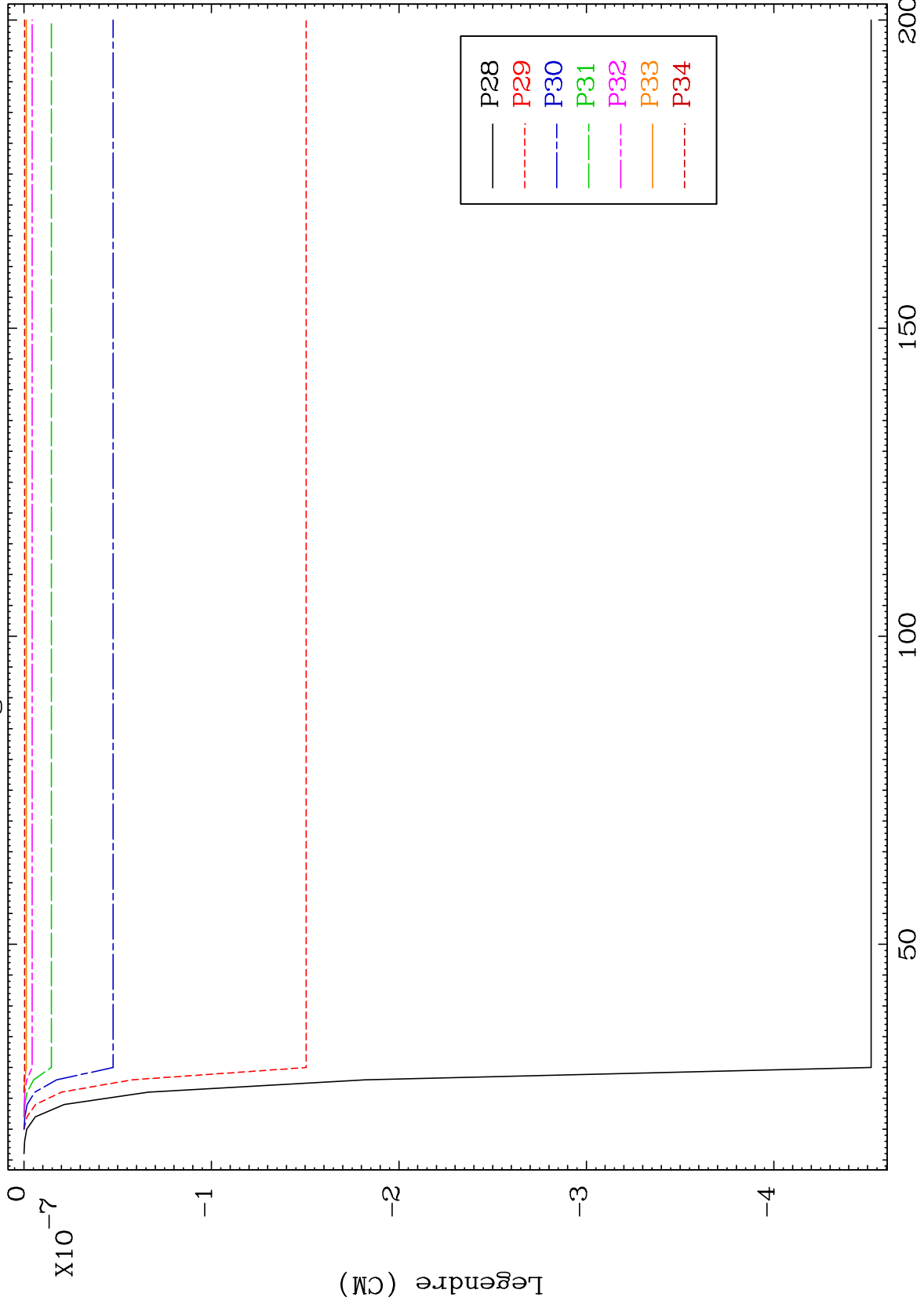
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



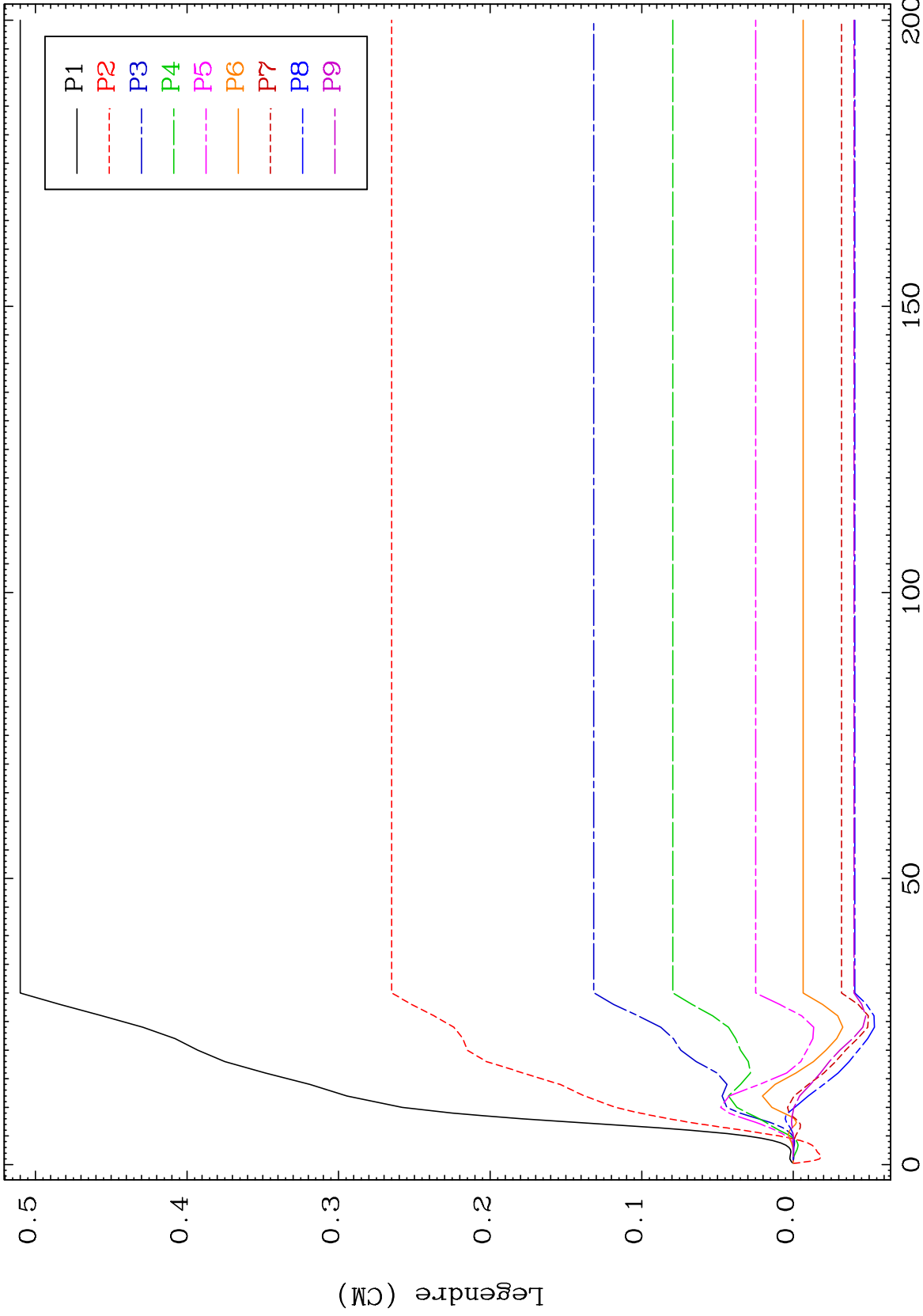
33

39-Y -83

MAT 3907

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

39-Y -83



34

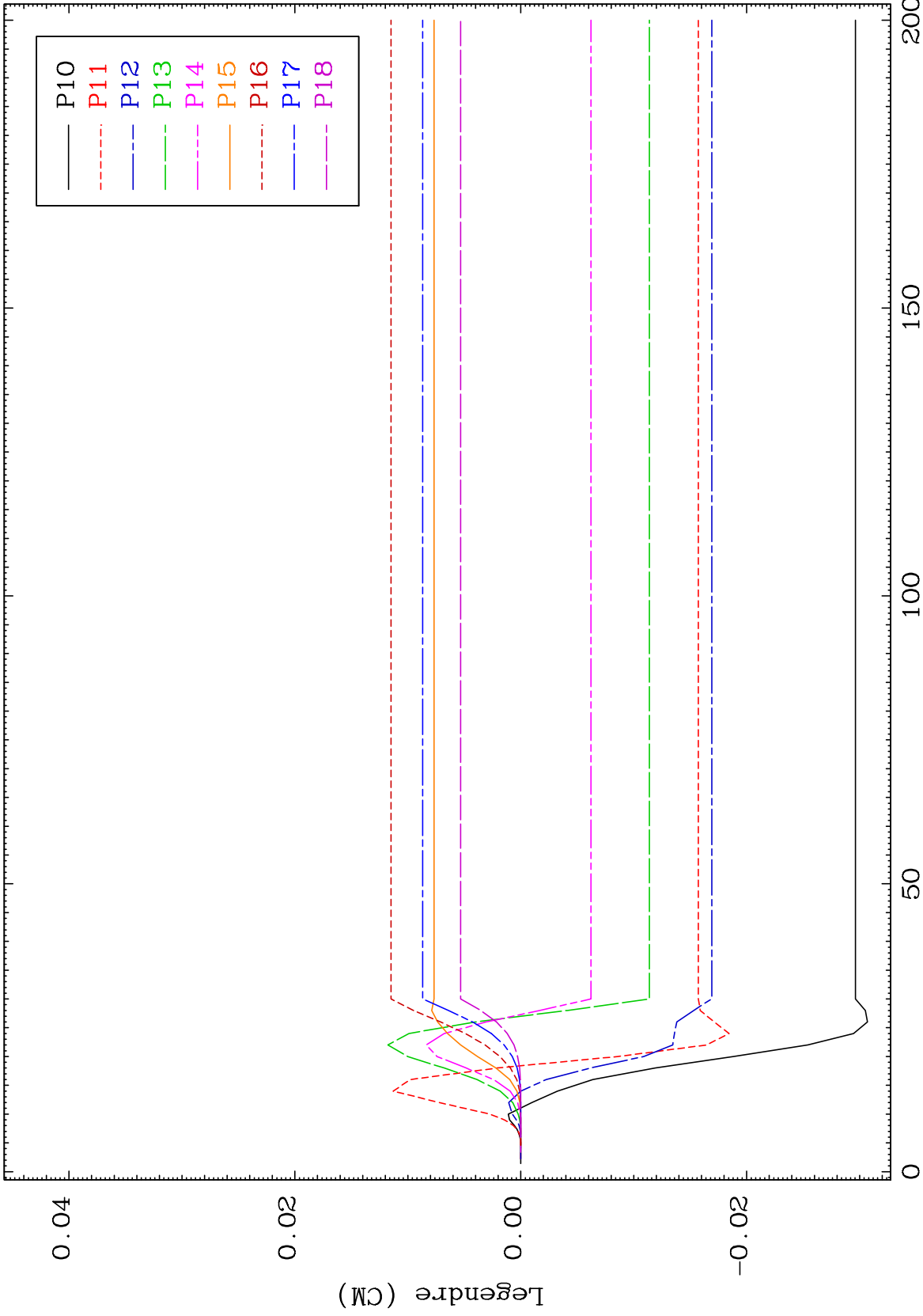
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



35

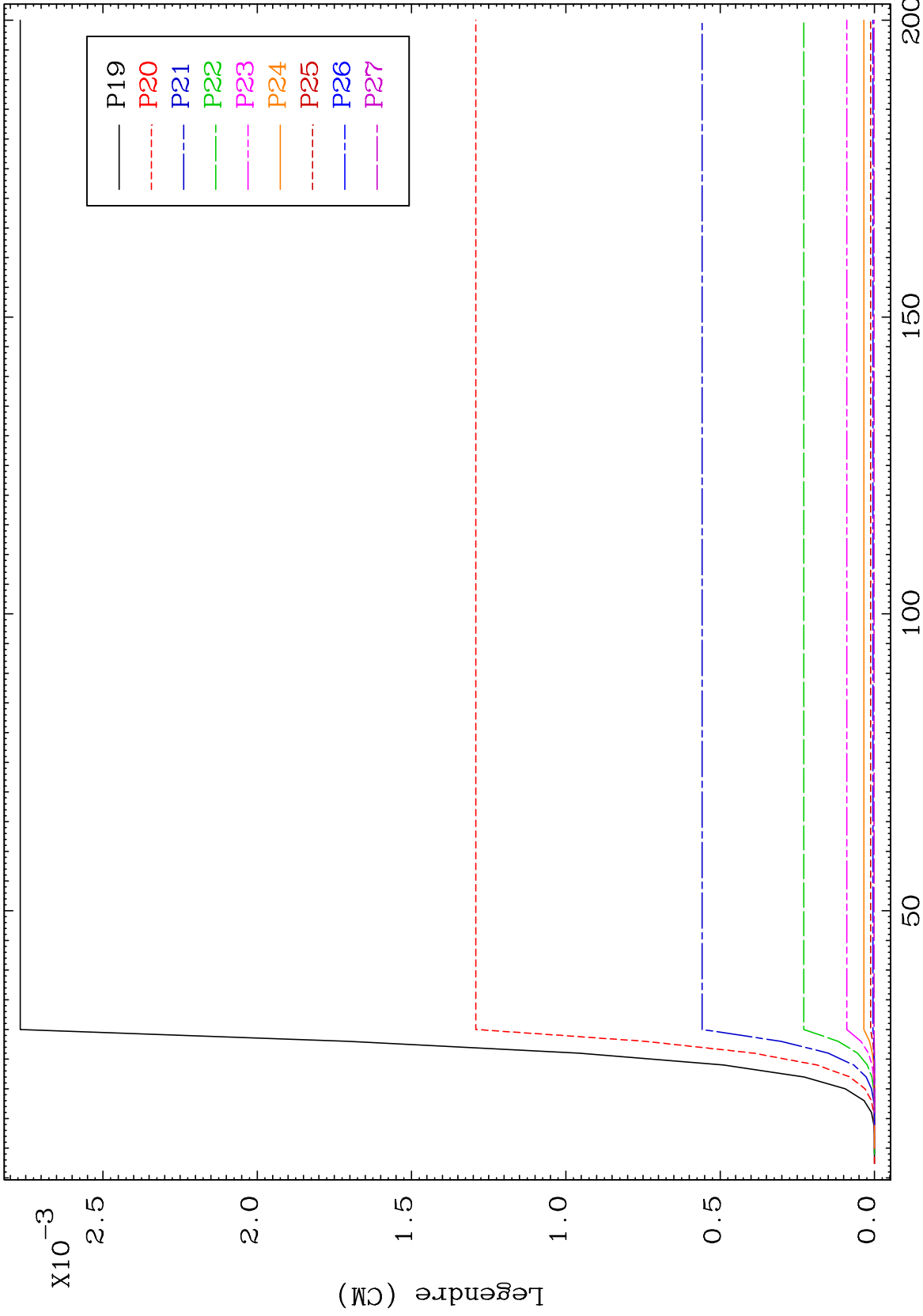
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



36

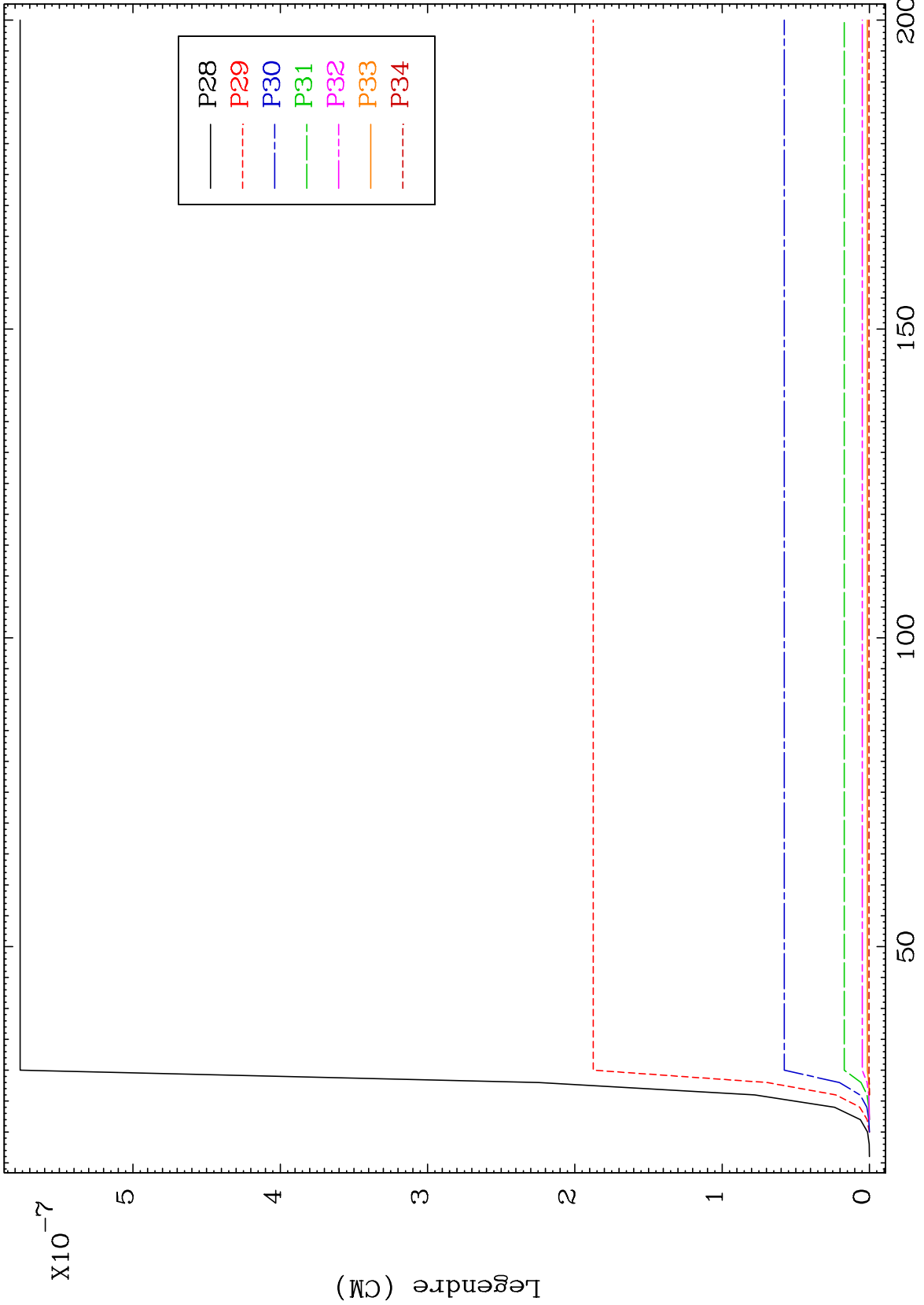
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



37

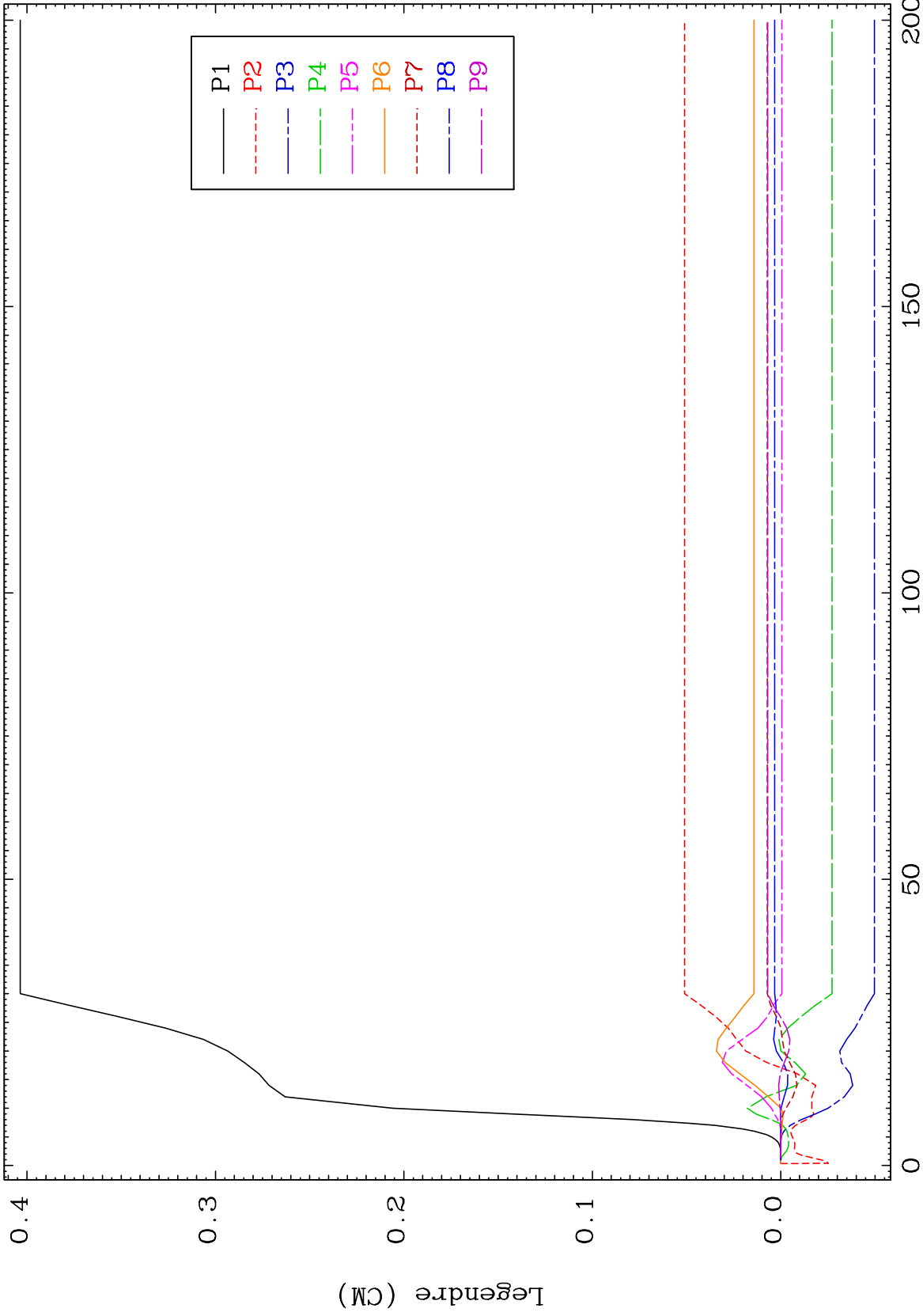
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



38

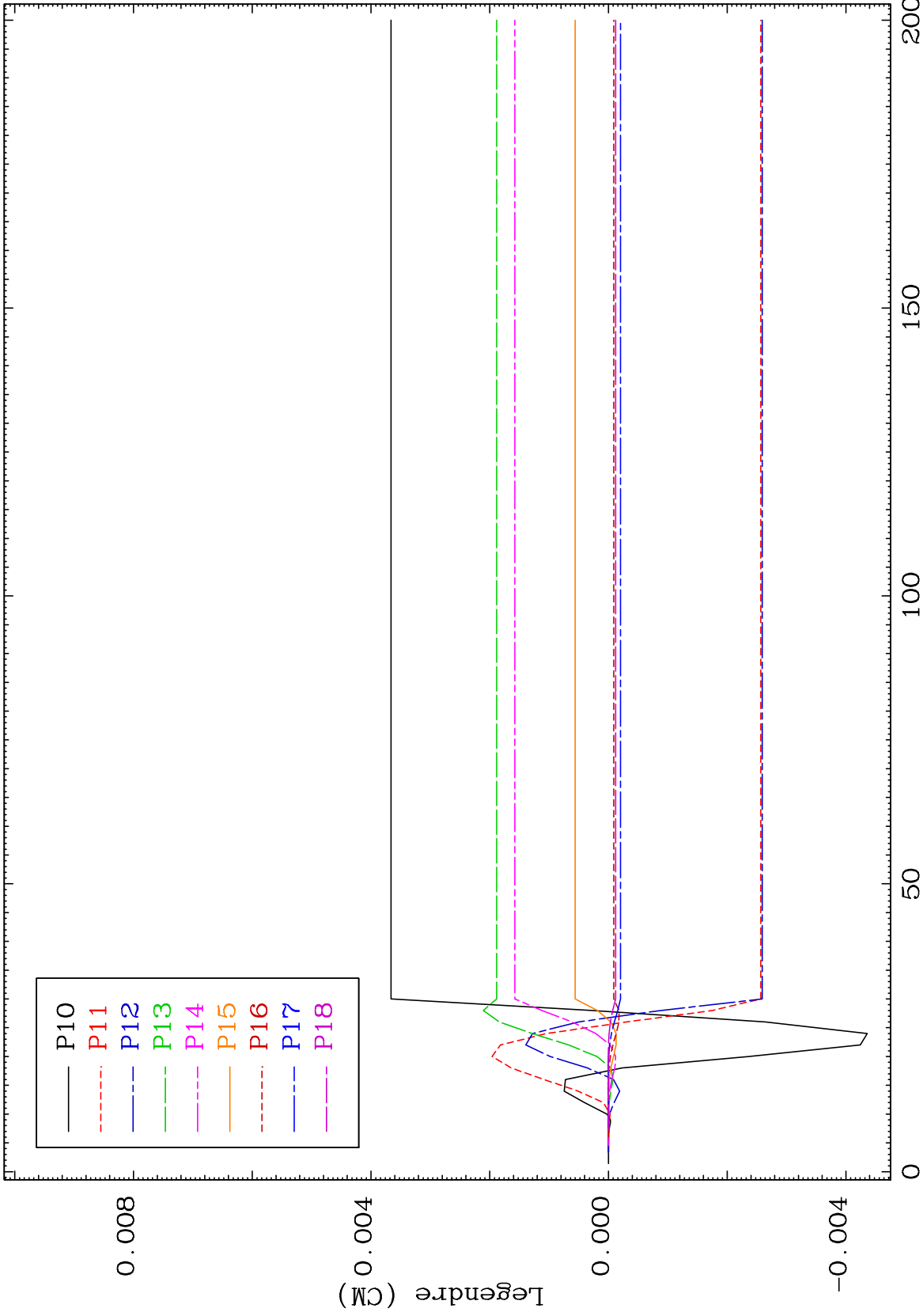
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



39

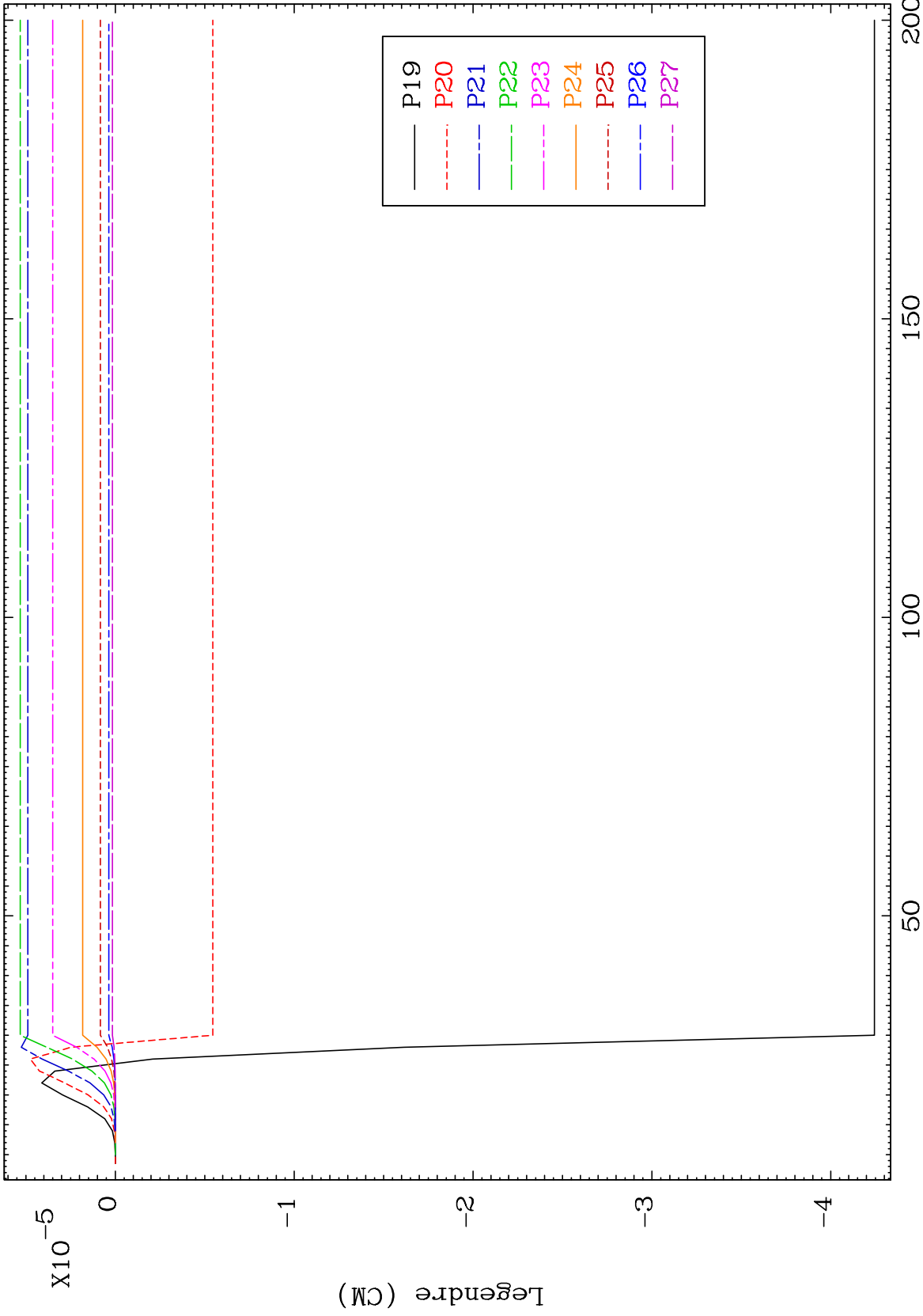
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



40

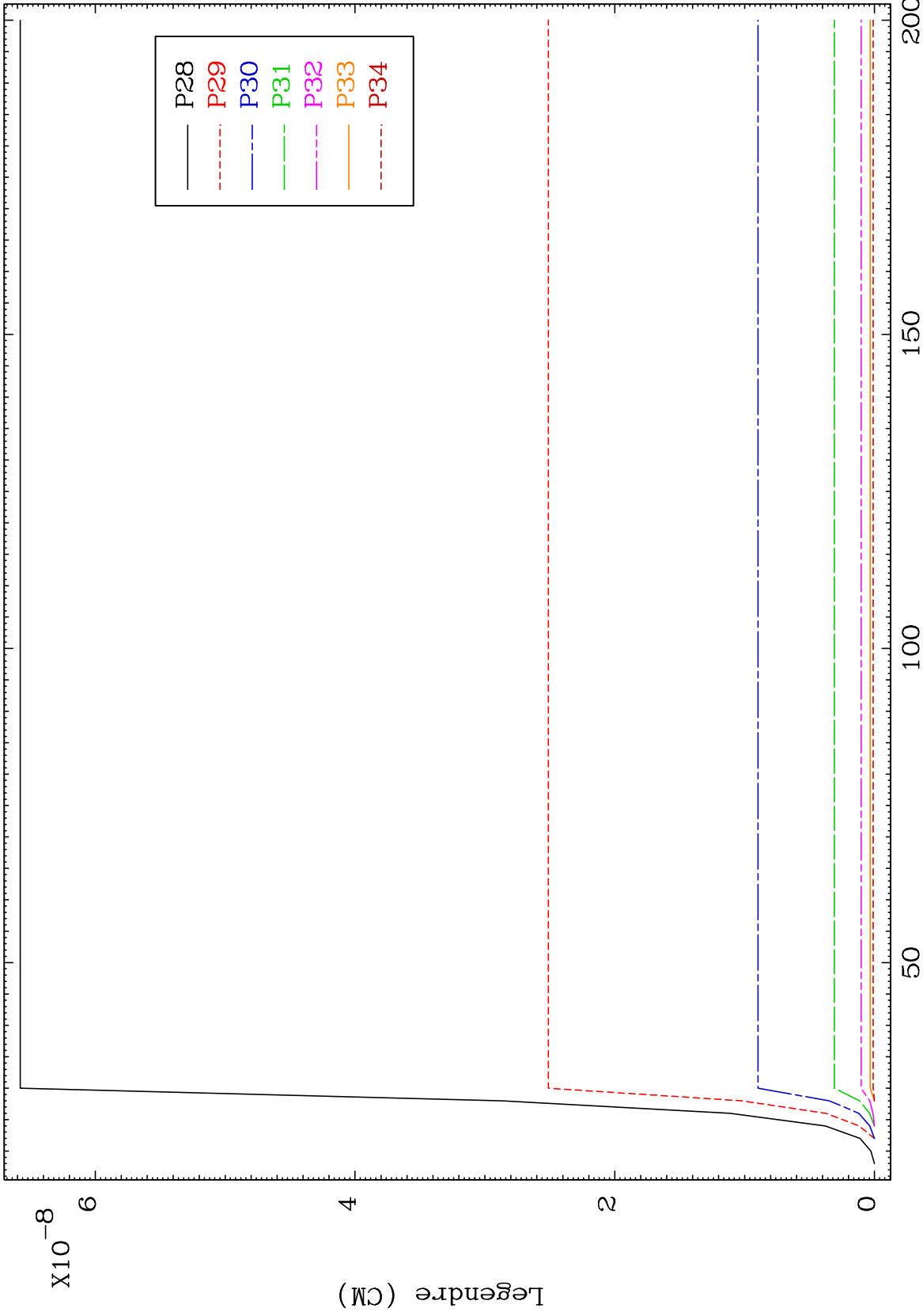
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39-Y -83

MAT 3907

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

39-Y -83



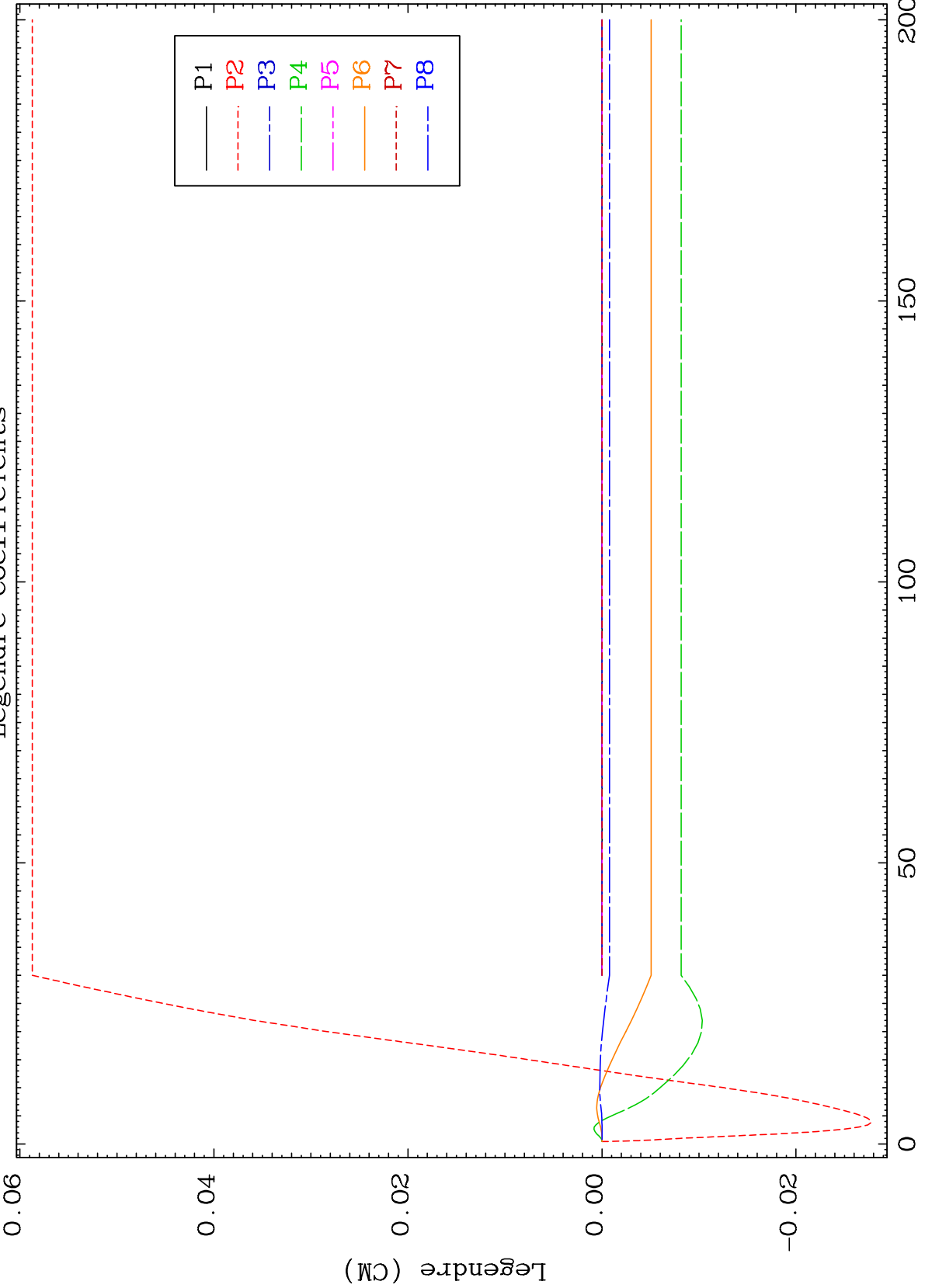
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Incident Energy (MeV)

39-Y -83

MAT 3907 MT= 57 (n,n') Level Legendre Coefficients

39-Y -83



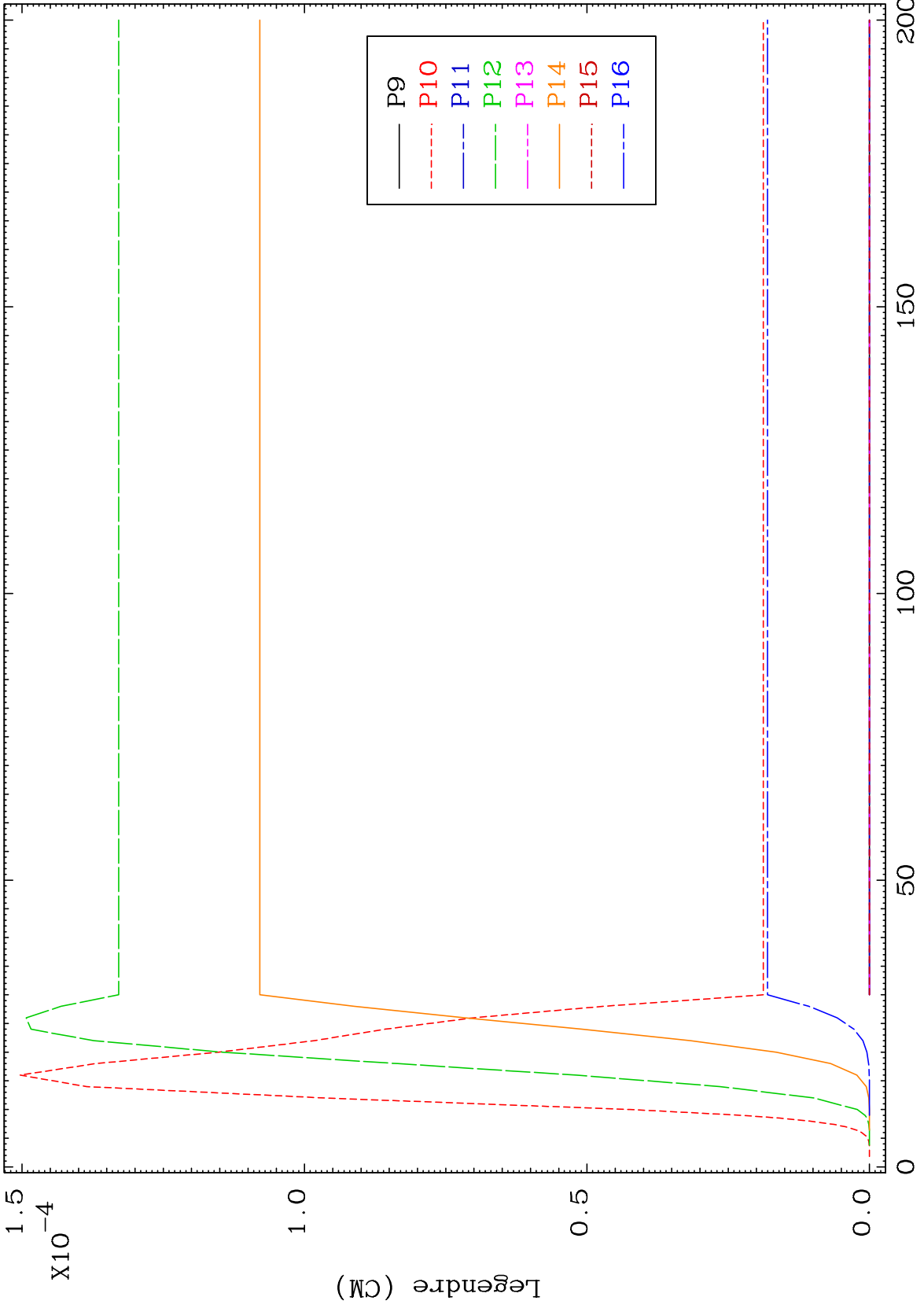
39-Y -83

42

MAT 3907

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

39-Y -83



43

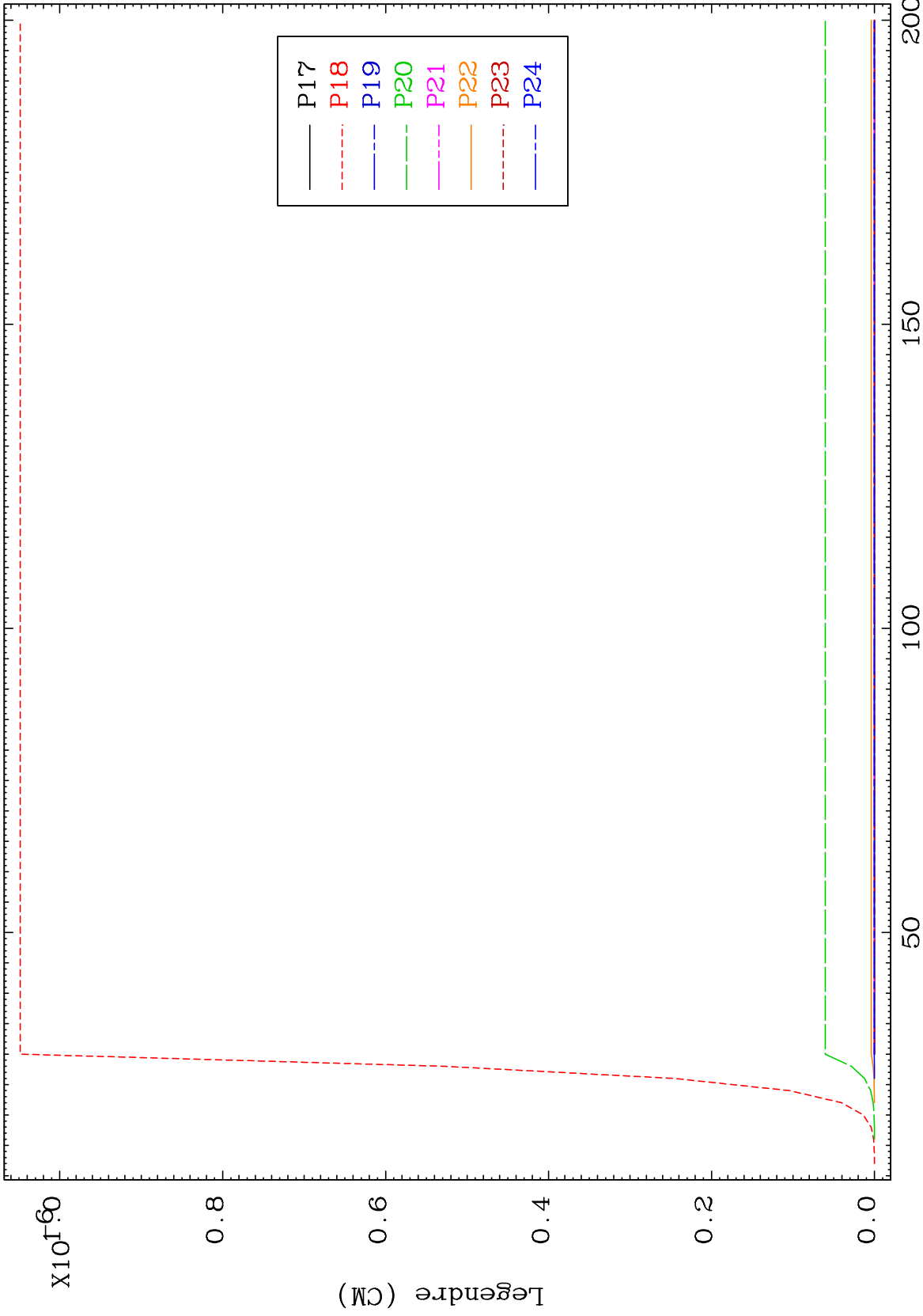
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83

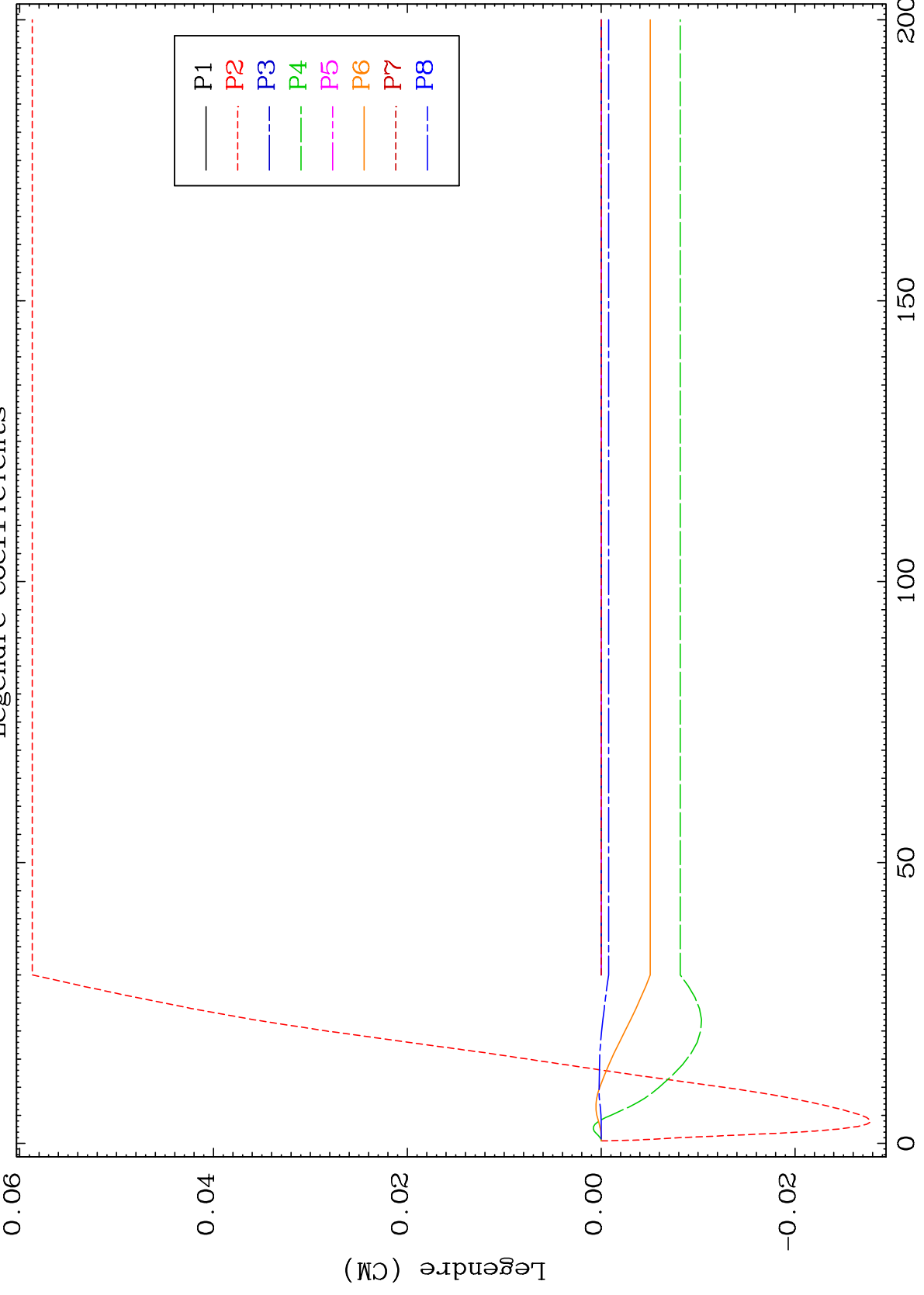


44

Incident Energy (MeV)

39-Y -83

MAT 3907 MT= 58 (n,n') Level Legendre Coefficients 39-Y -83

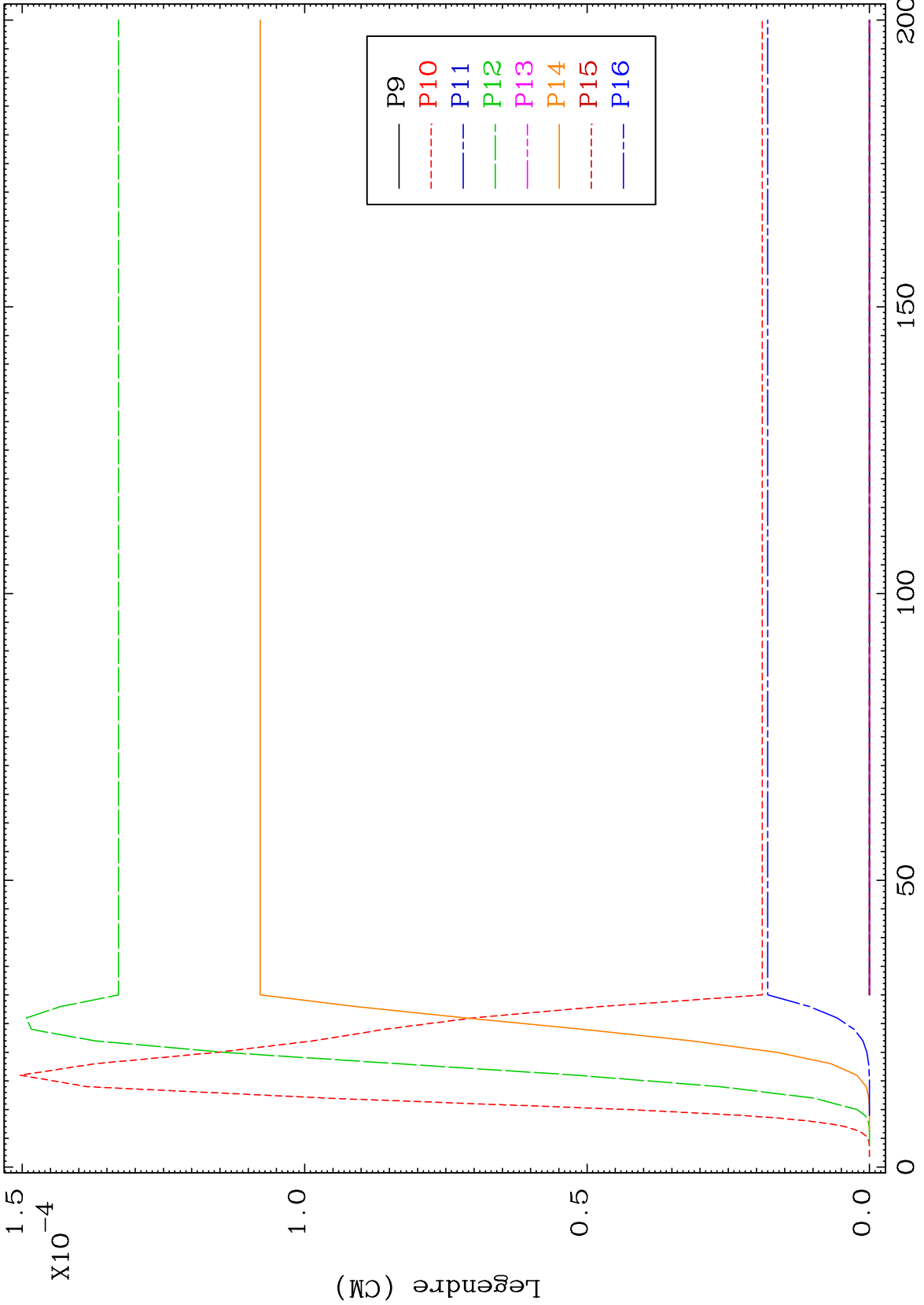


Legendre (CM) Incident Energy (MeV) 39-Y -83

MAT 3907

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

39-Y -83



46

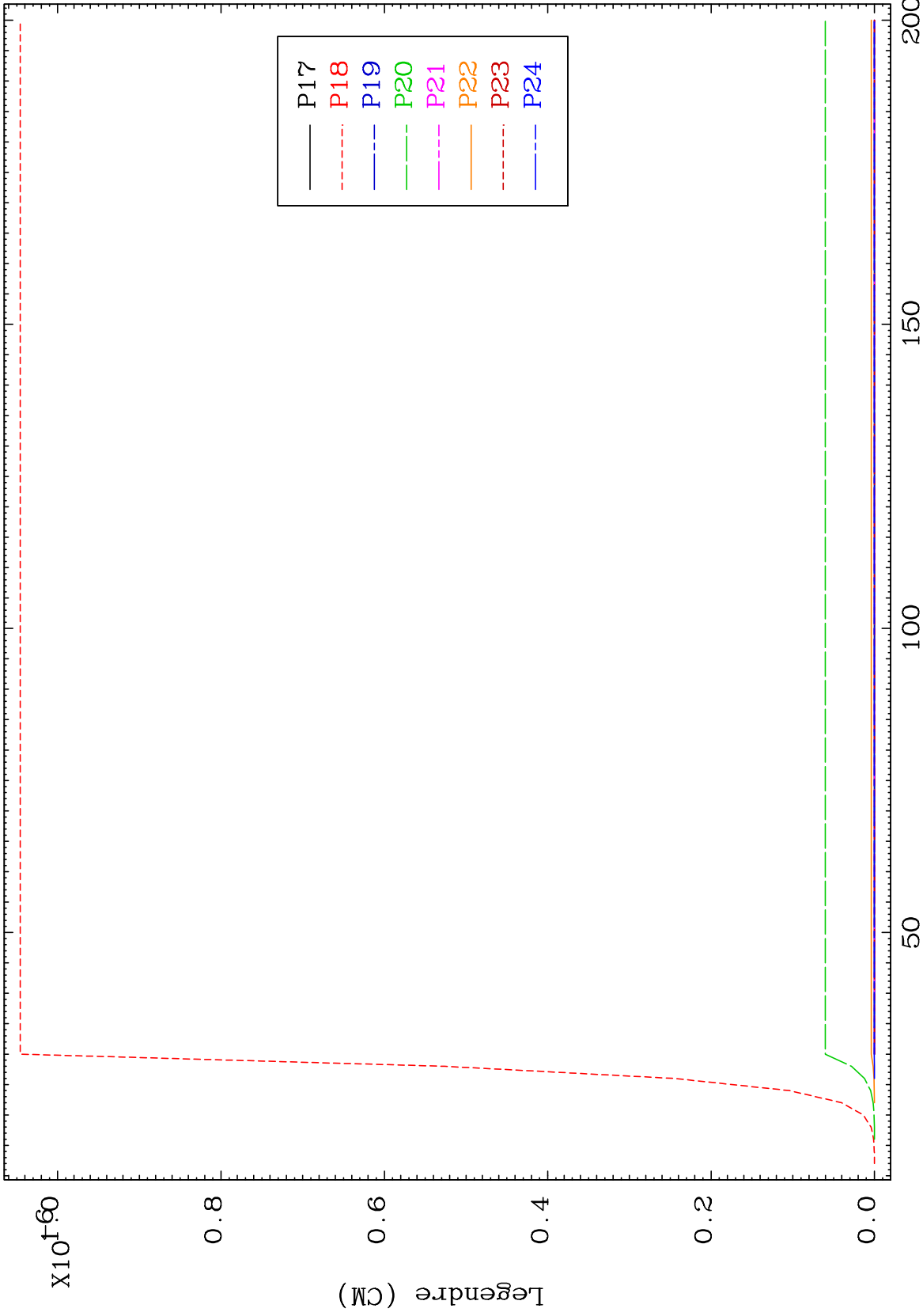
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



47

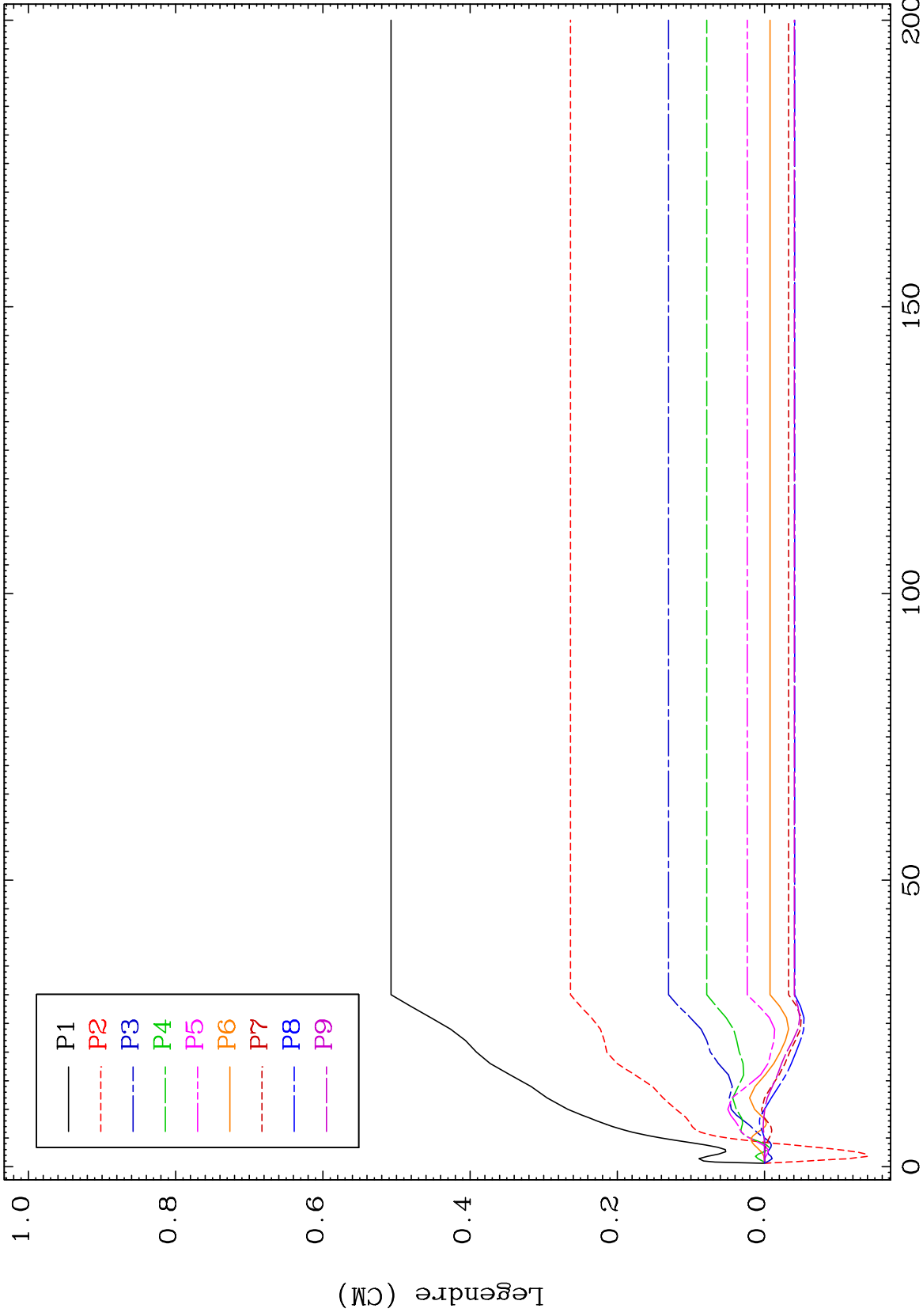
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



48

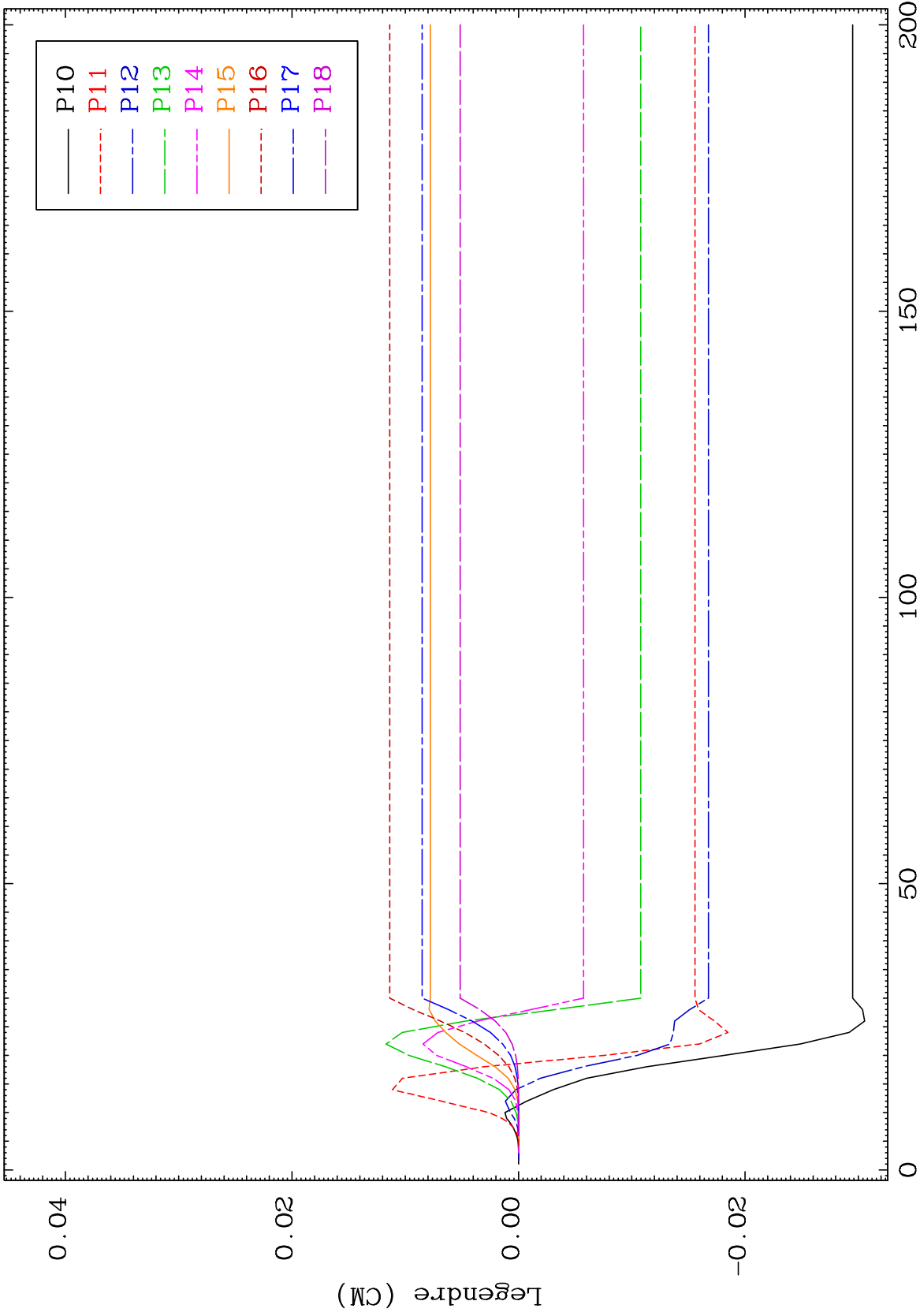
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



49

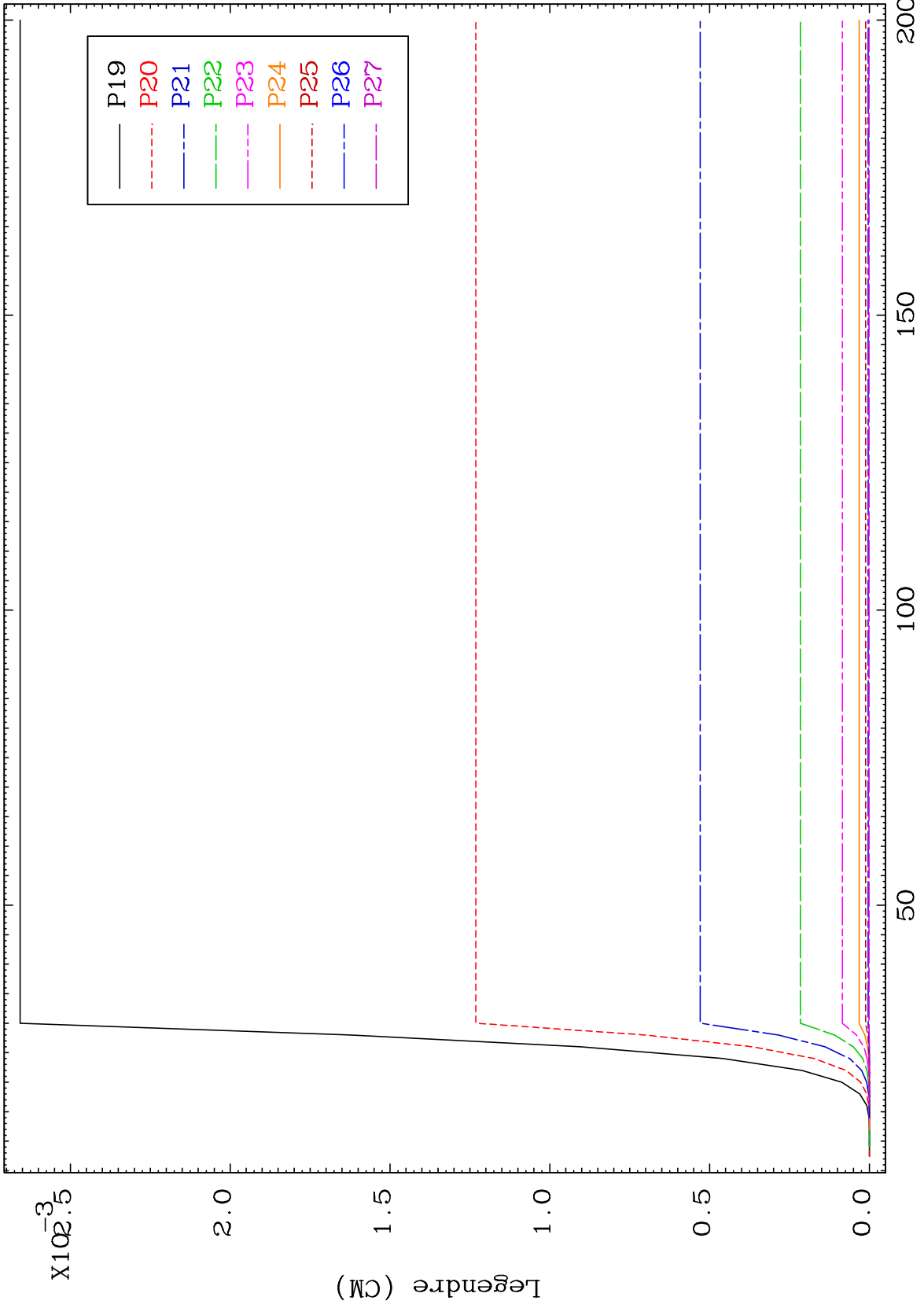
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



50

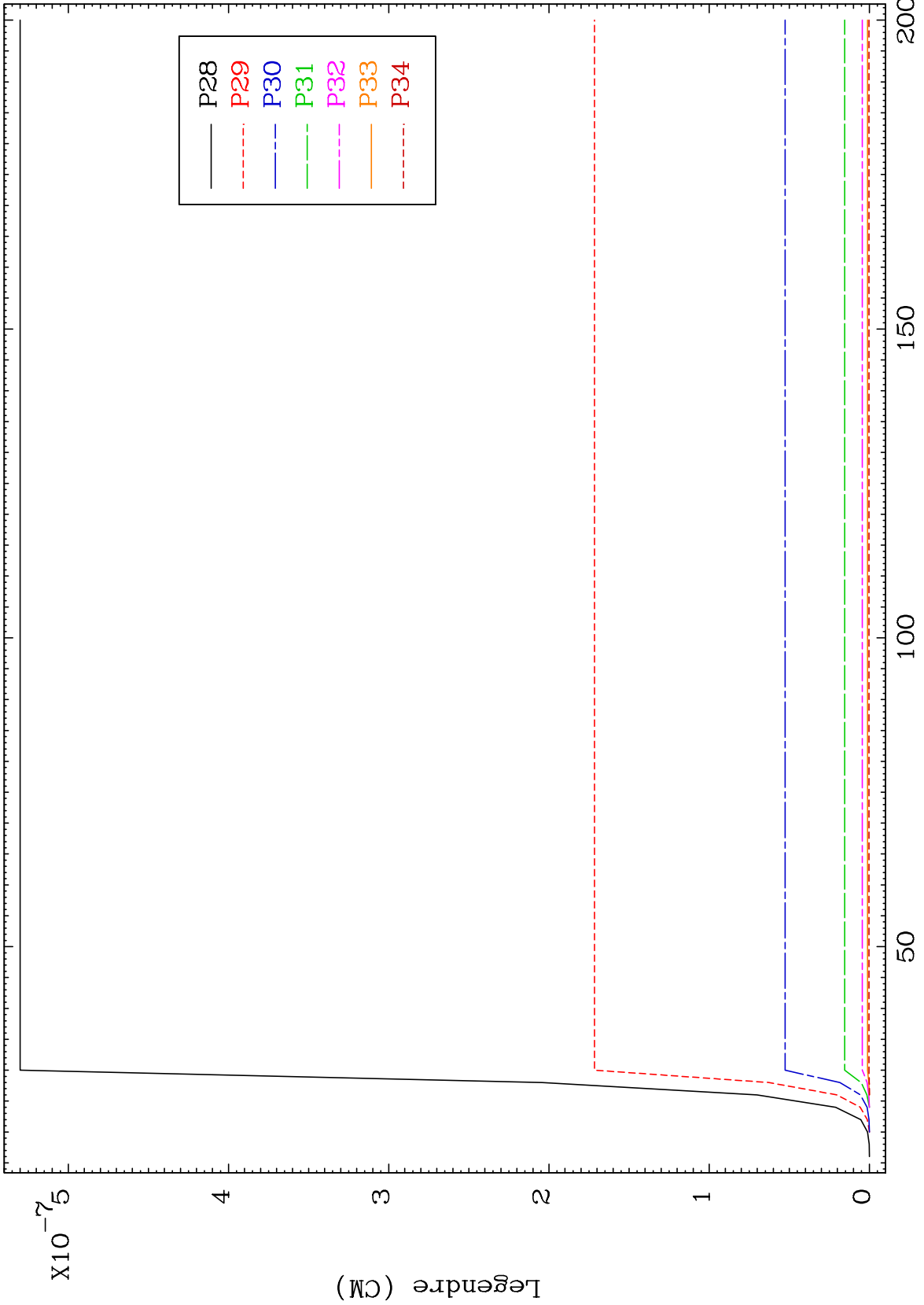
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



51

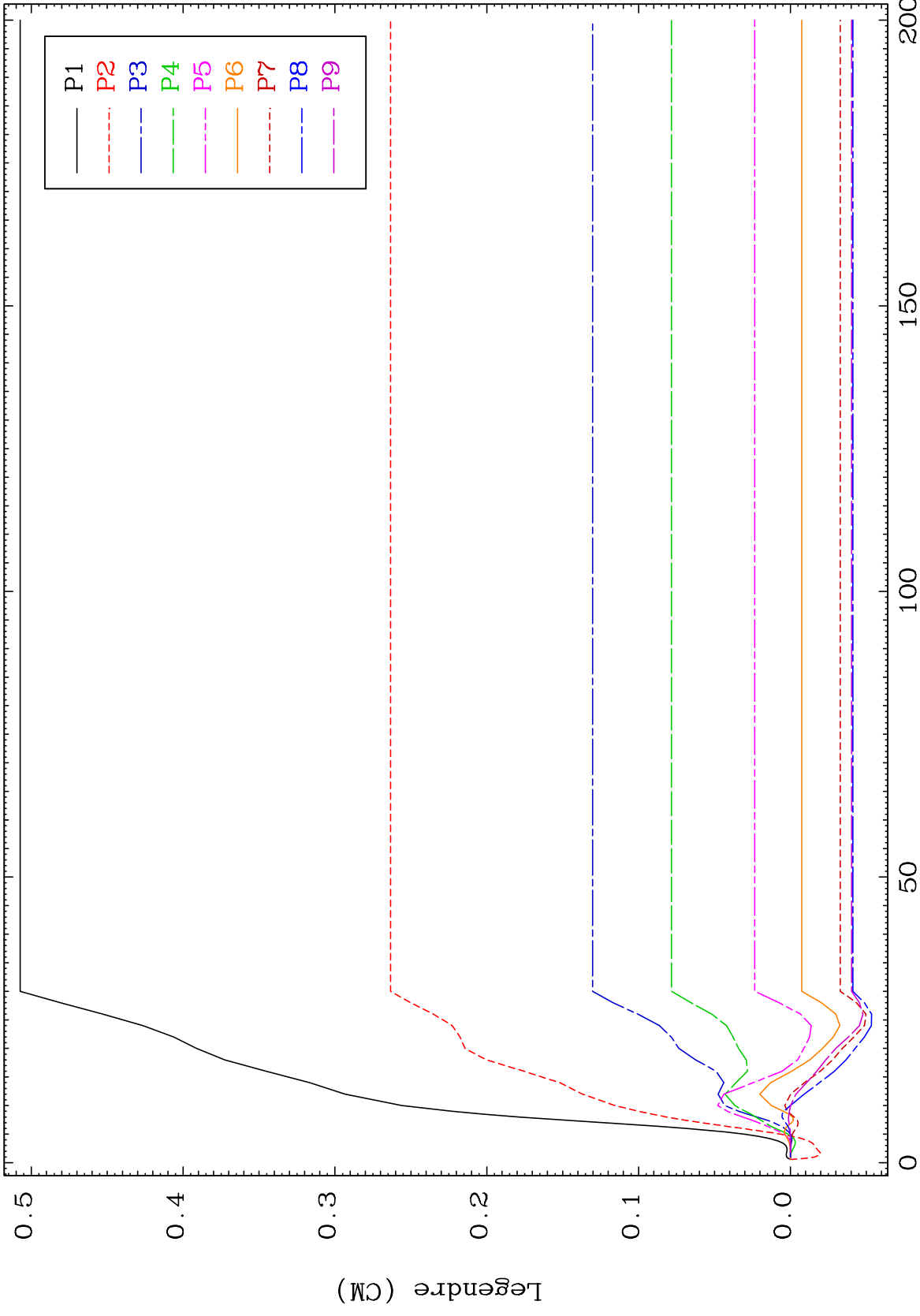
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



52

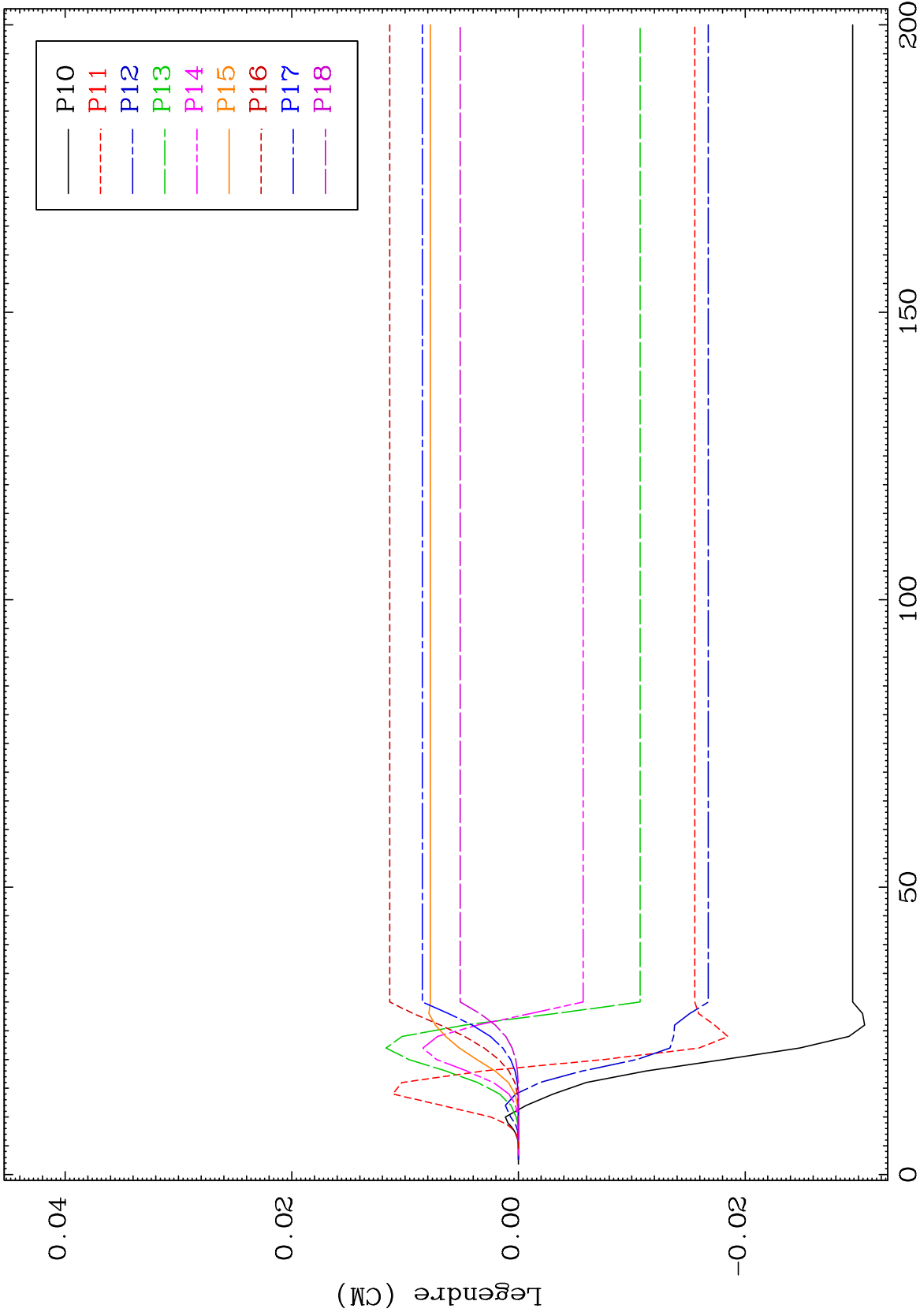
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



53

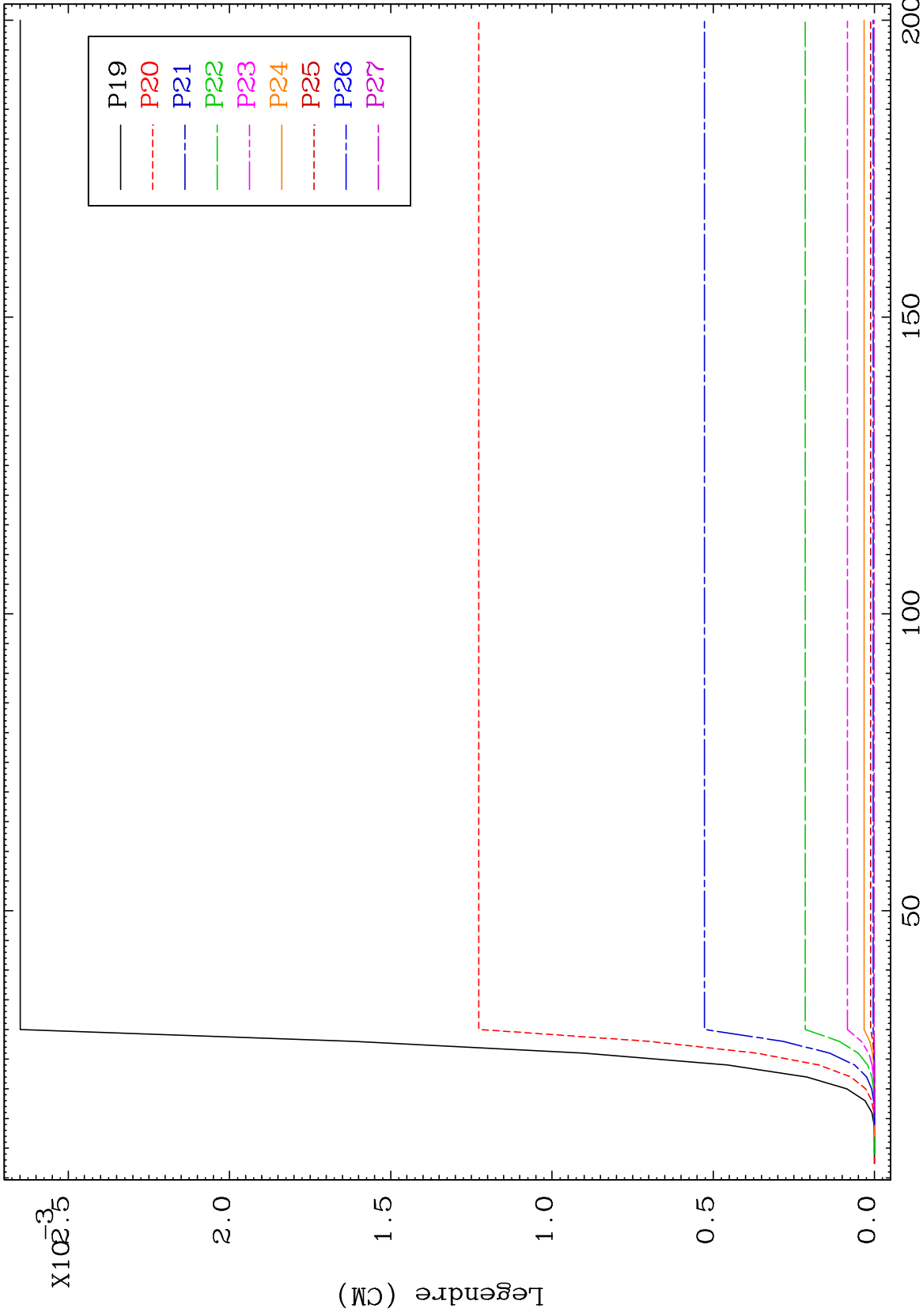
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



54

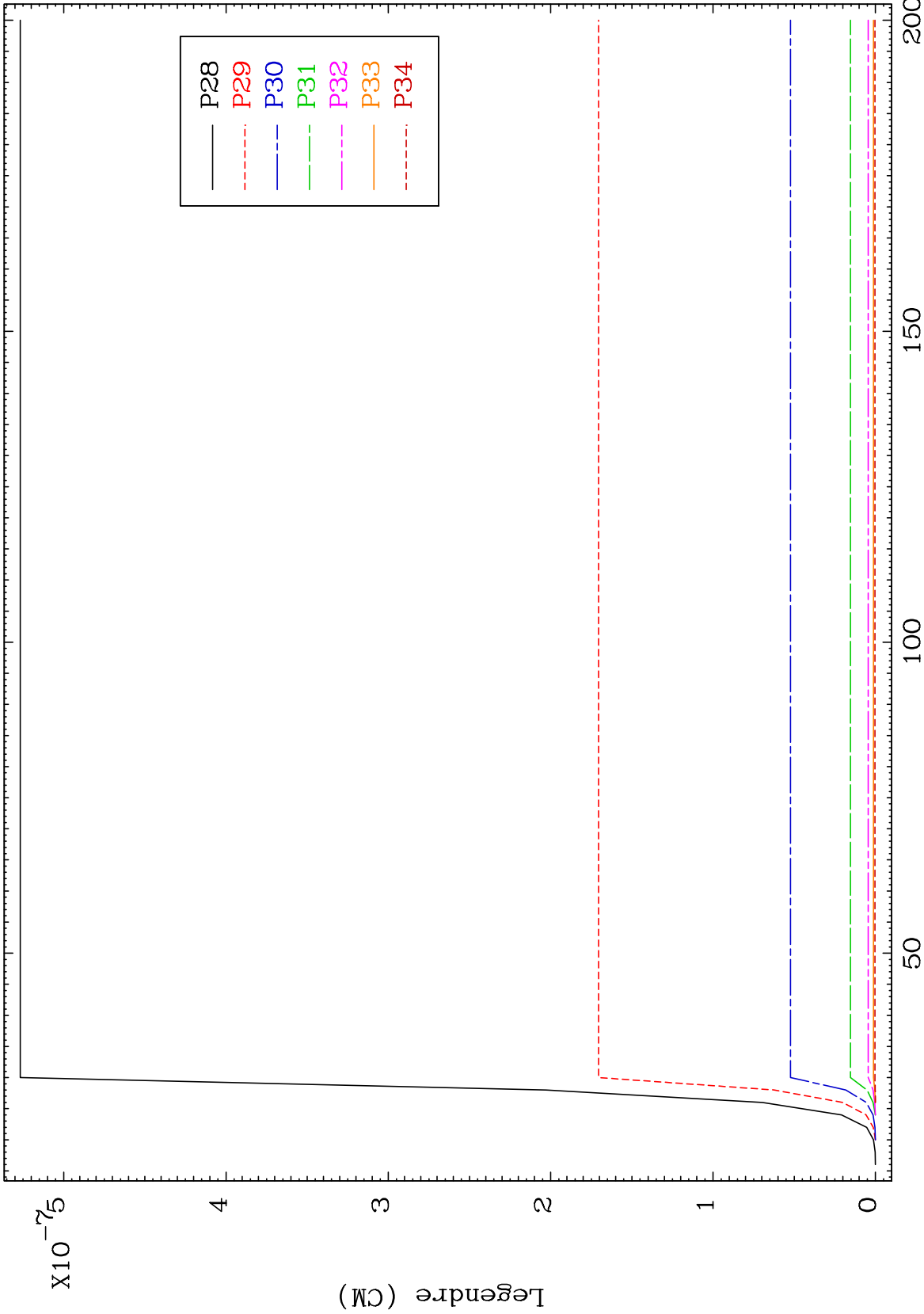
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



55

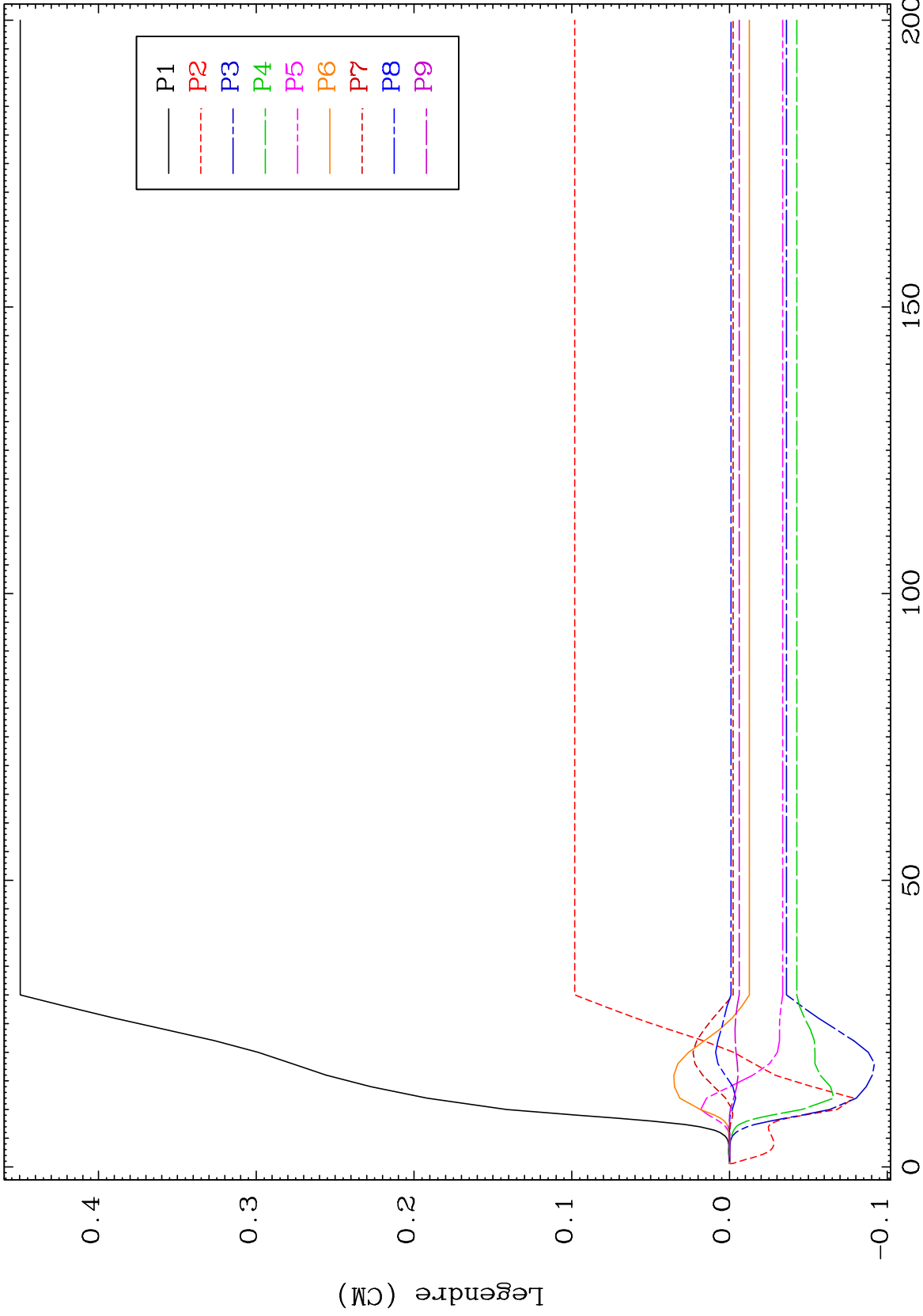
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



56

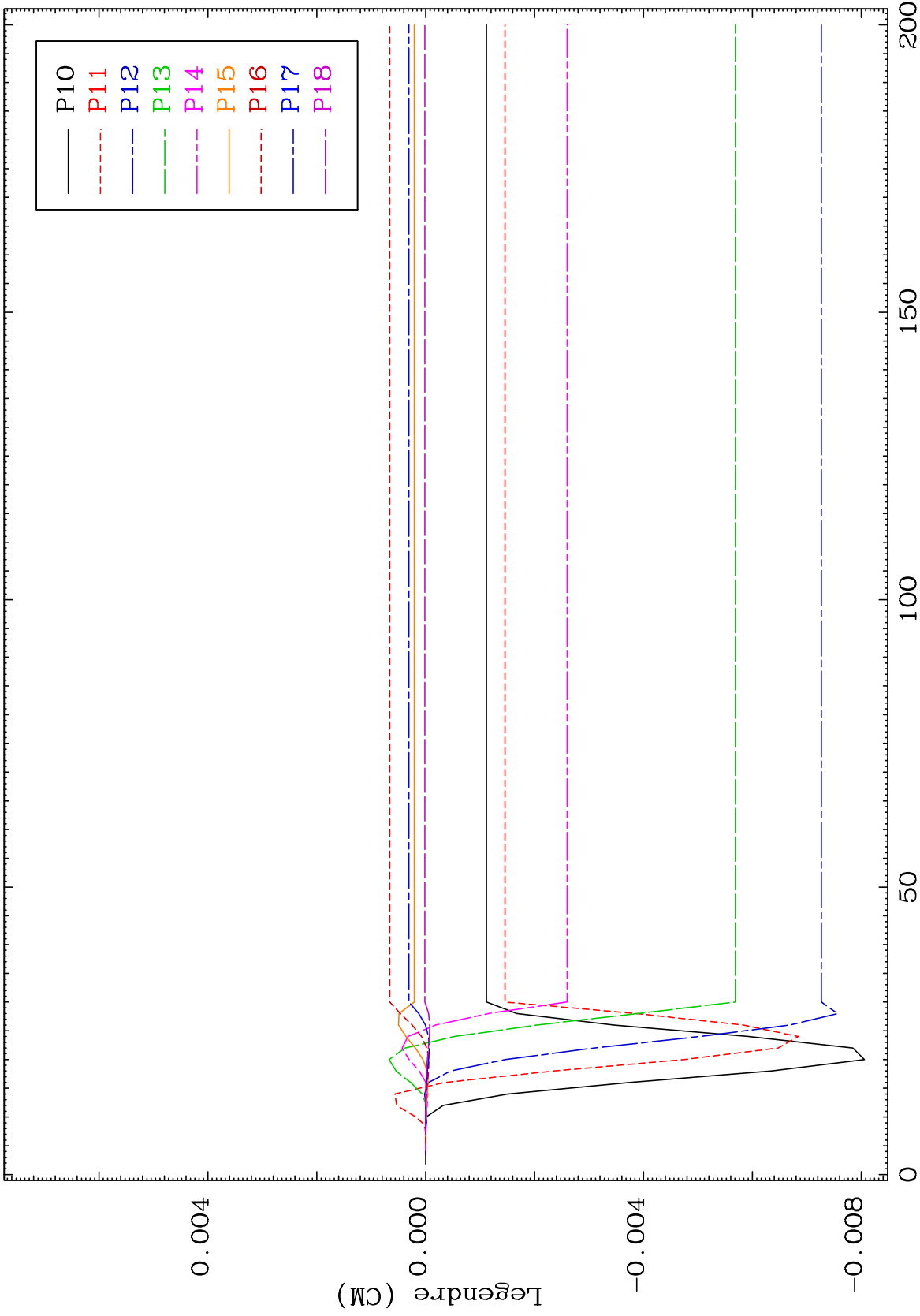
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



57

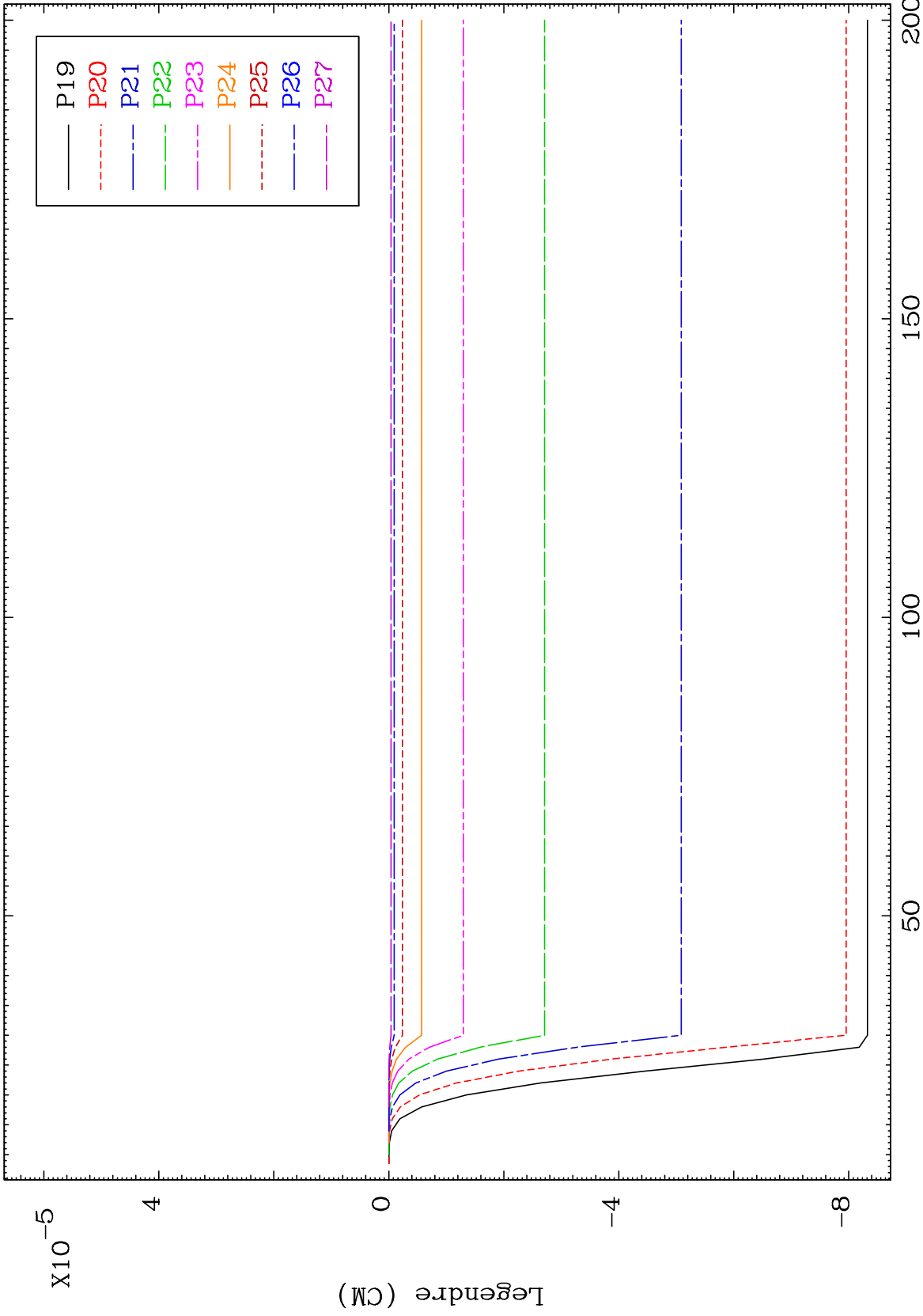
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



58

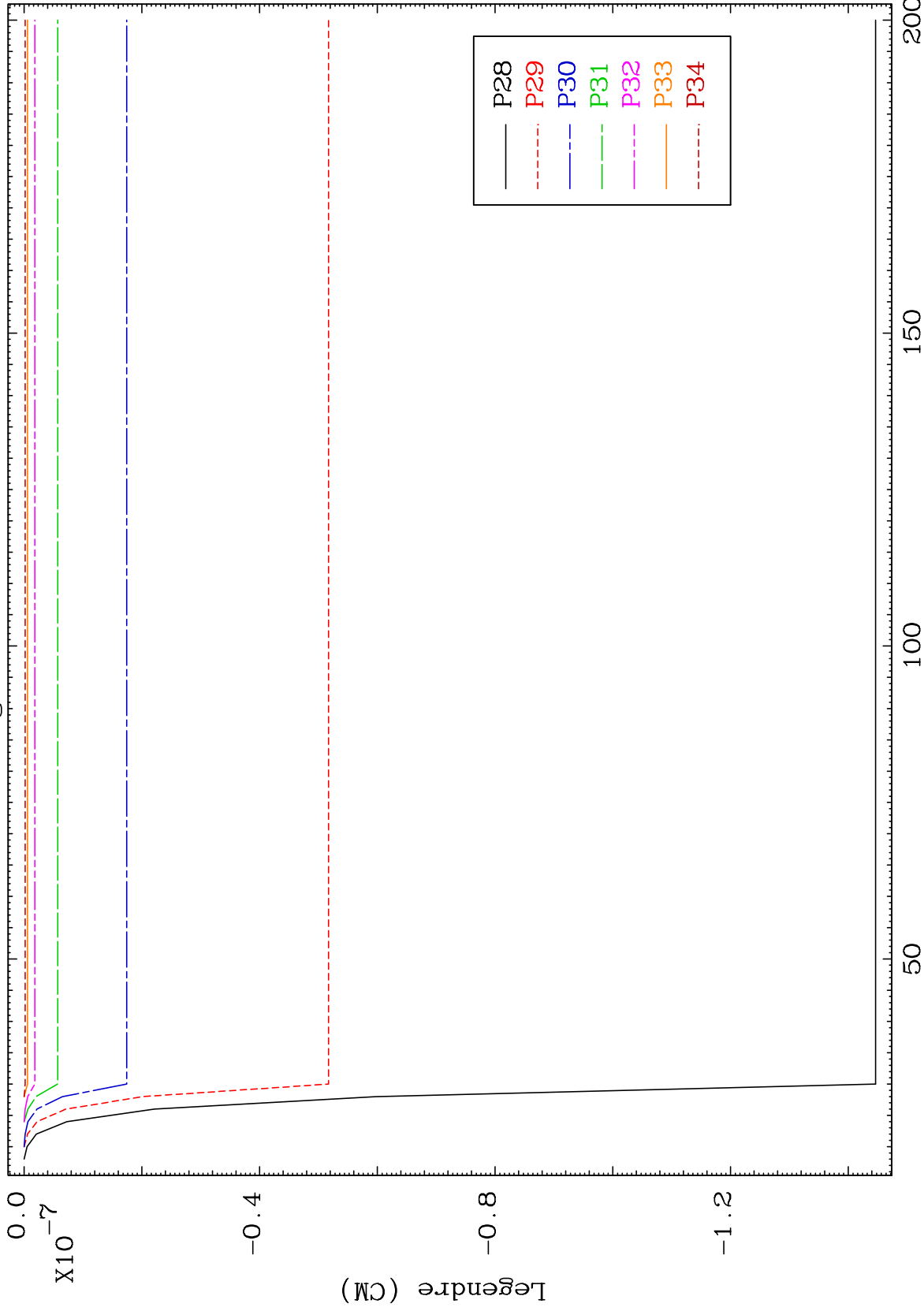
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



39-Y -83

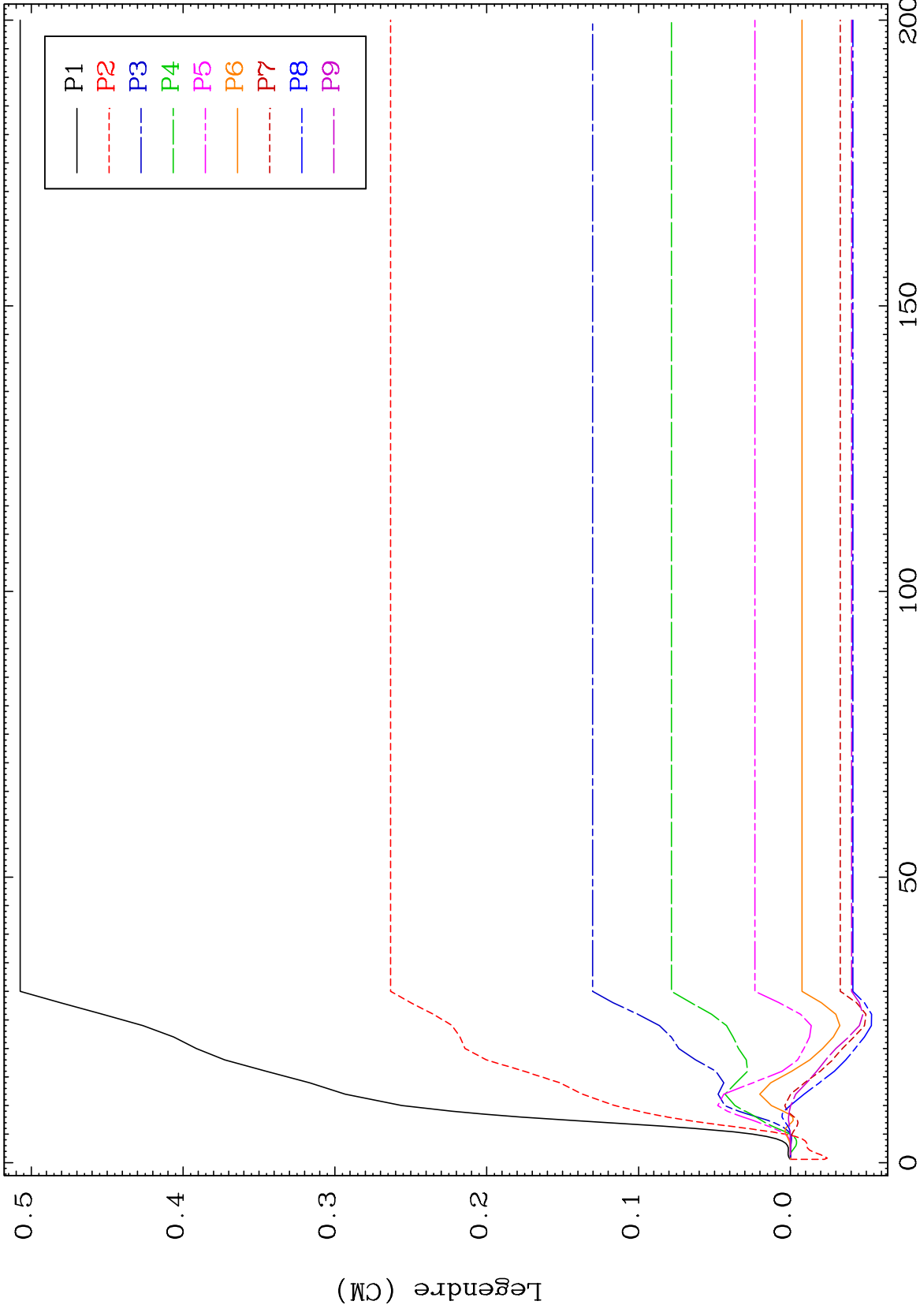
Incident Energy (MeV)

59

MAT 3907

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

39-Y -83



60

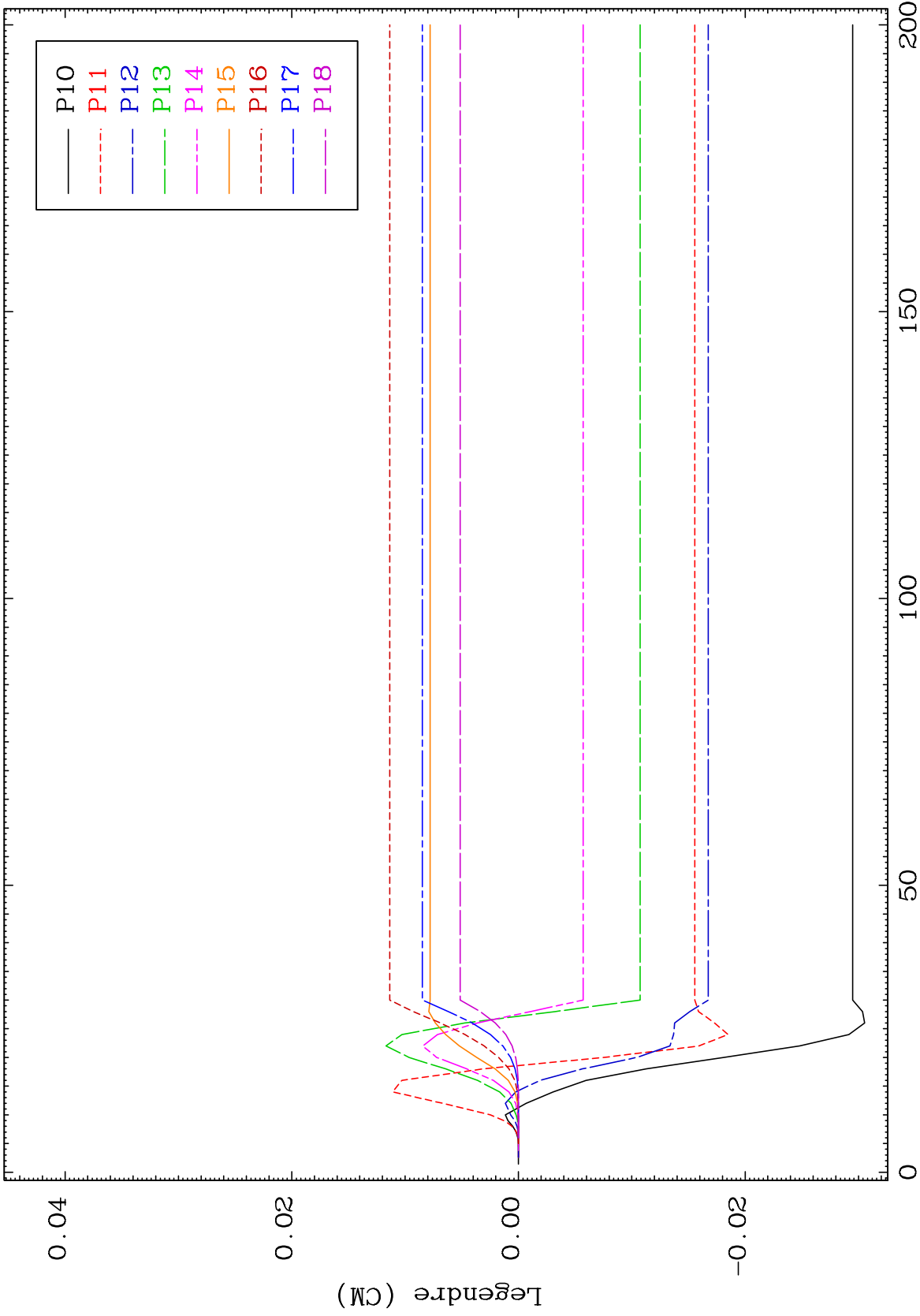
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



61

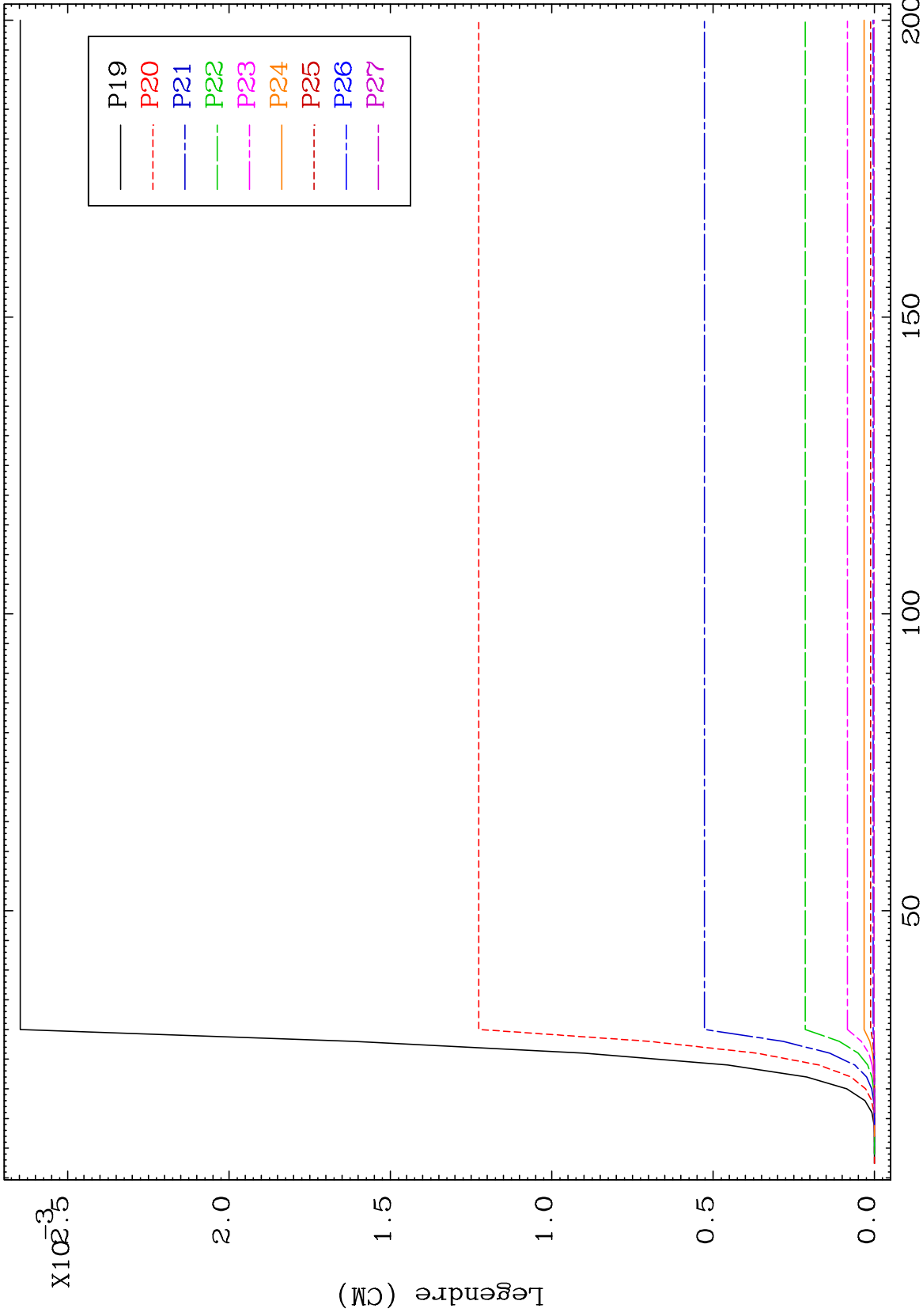
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



62

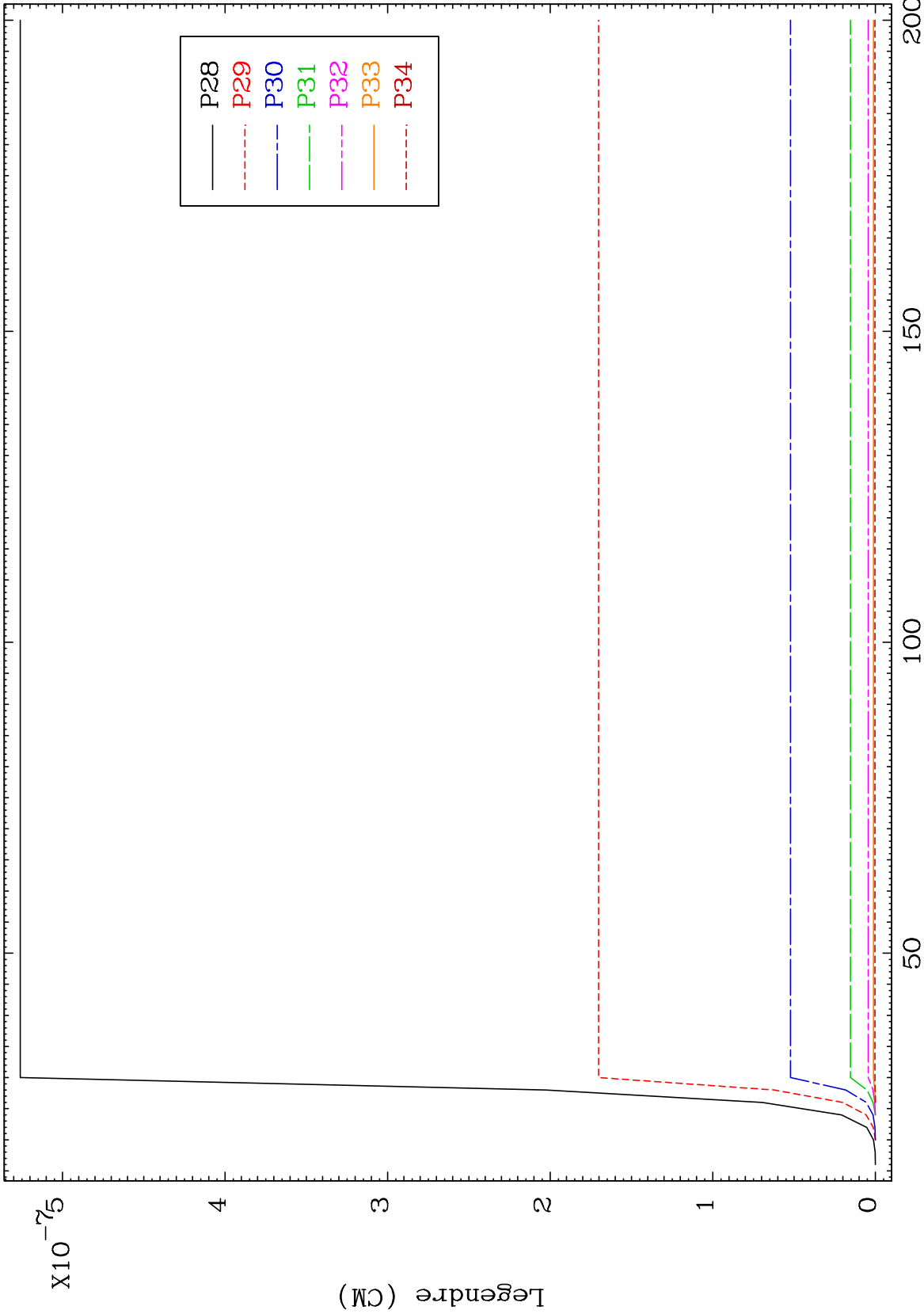
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



63

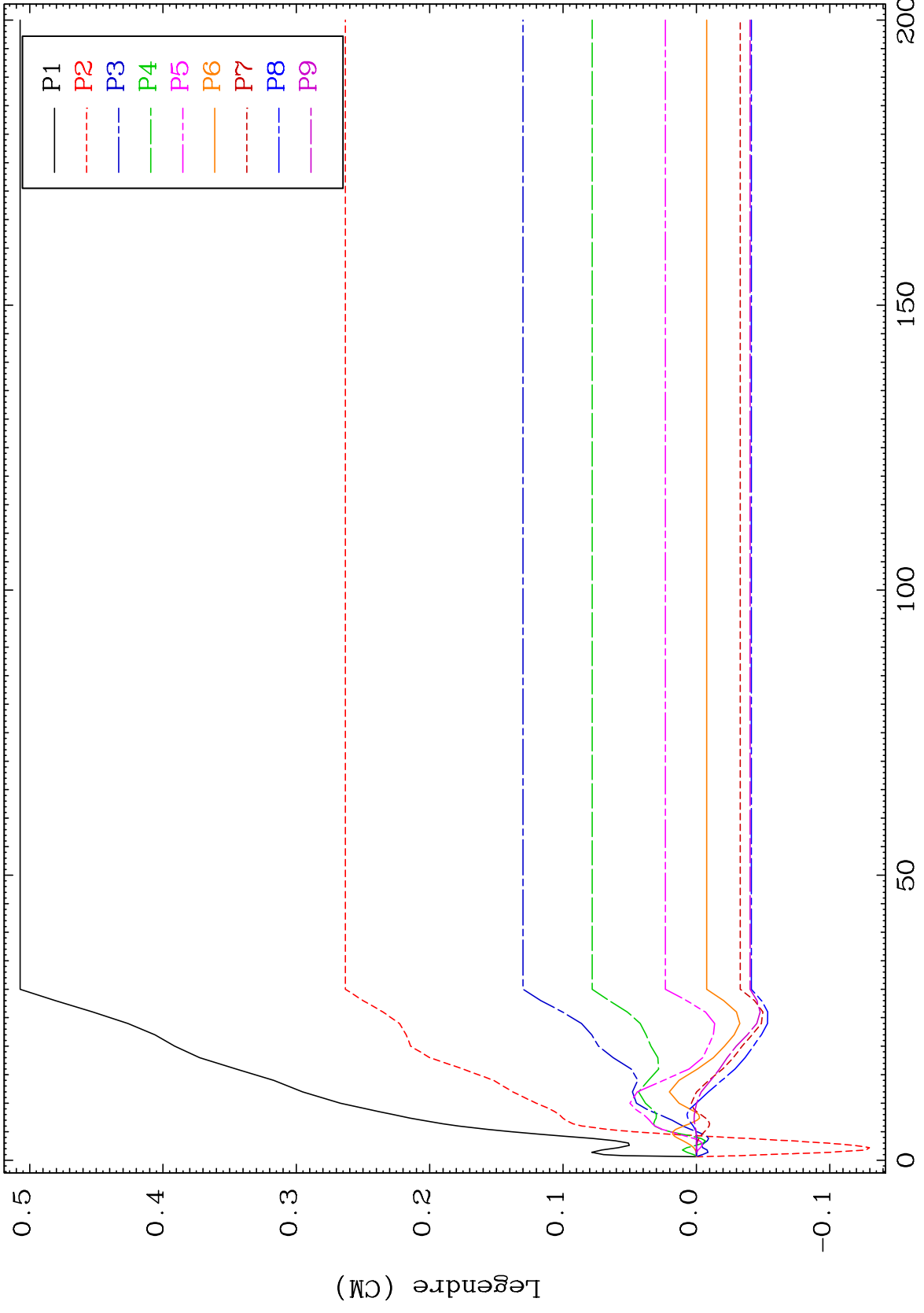
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



64

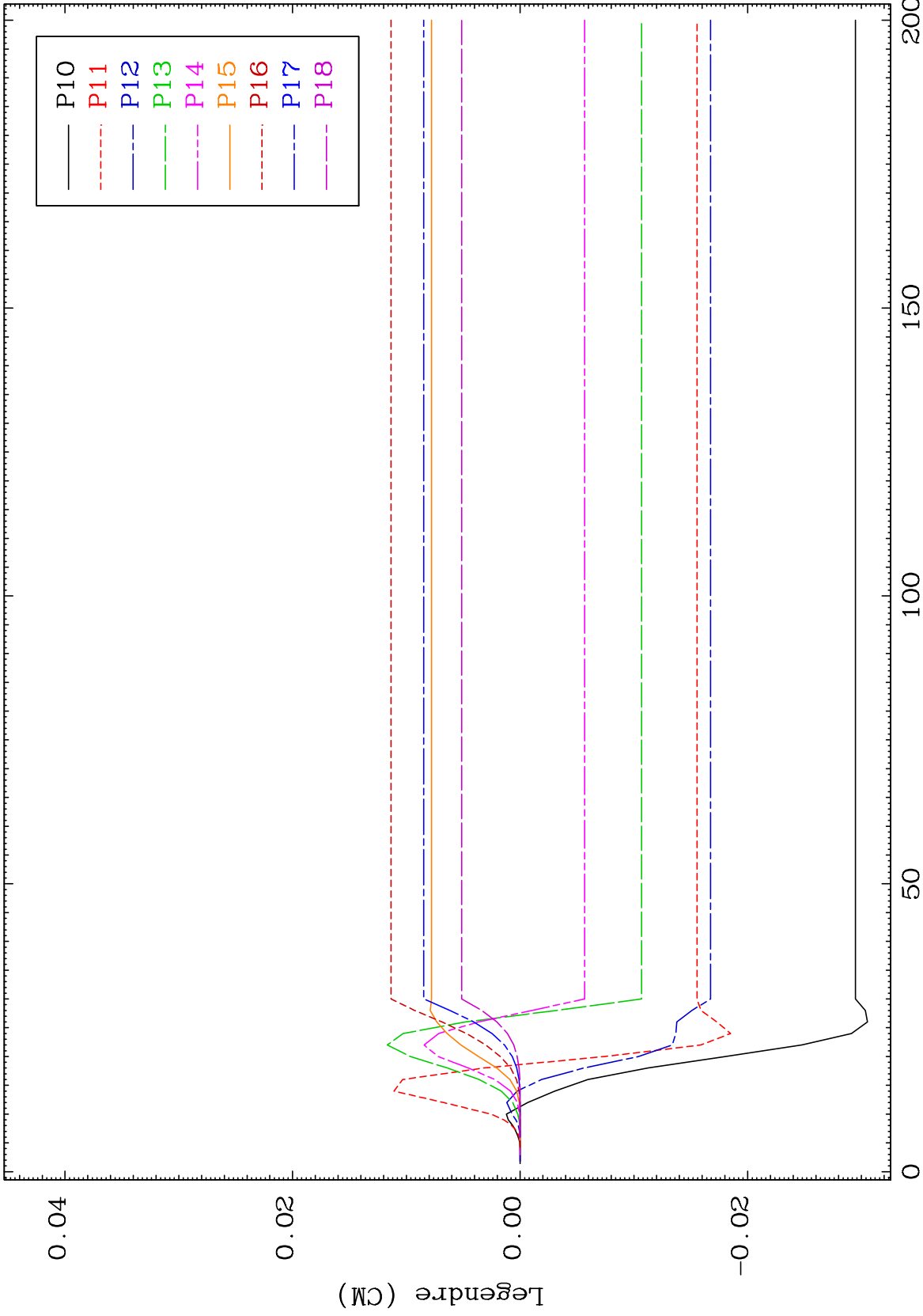
Incident Energy (MeV)

39-Y -83

MAT 3907

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

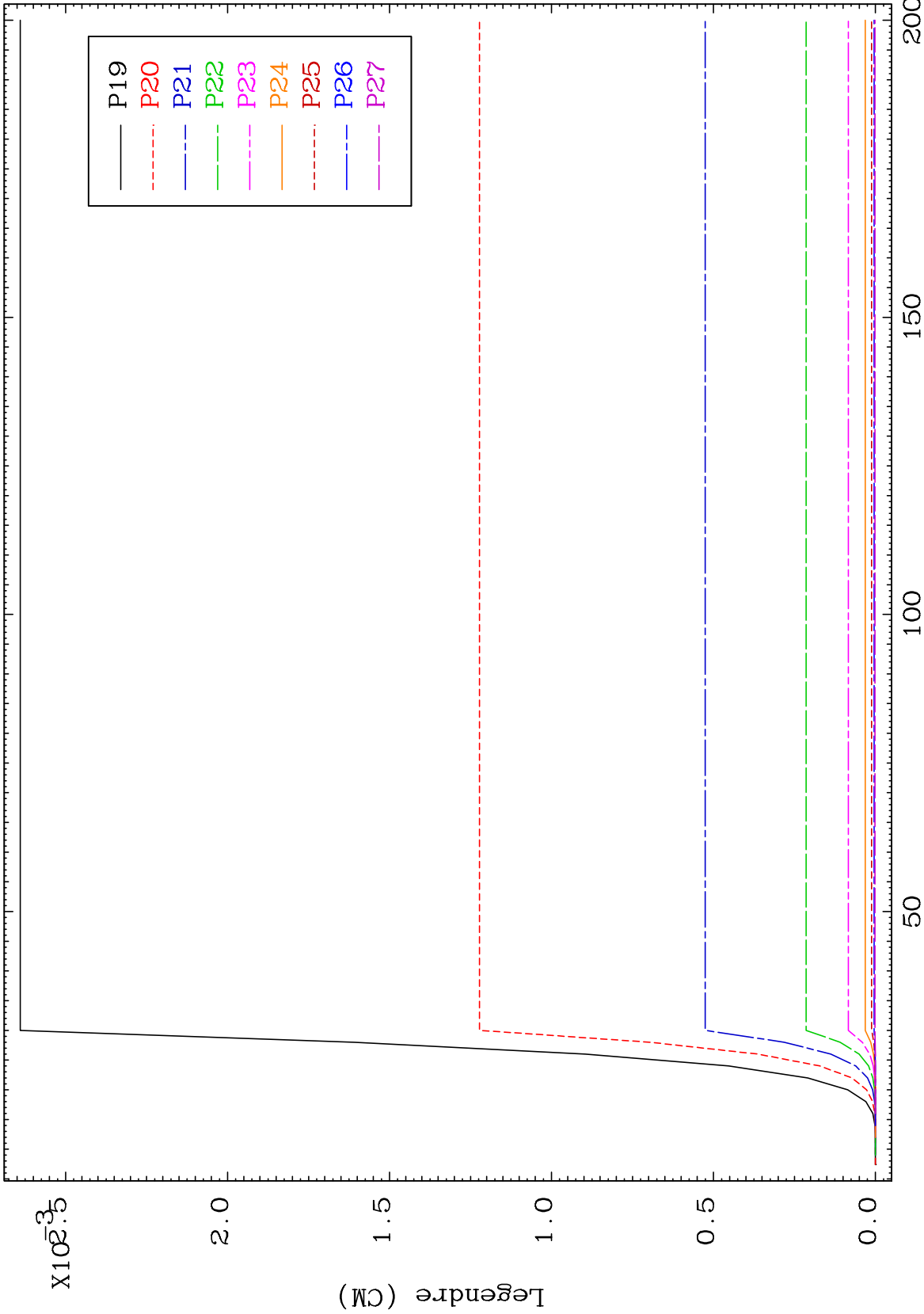
39-Y -83



65

Incident Energy (MeV)

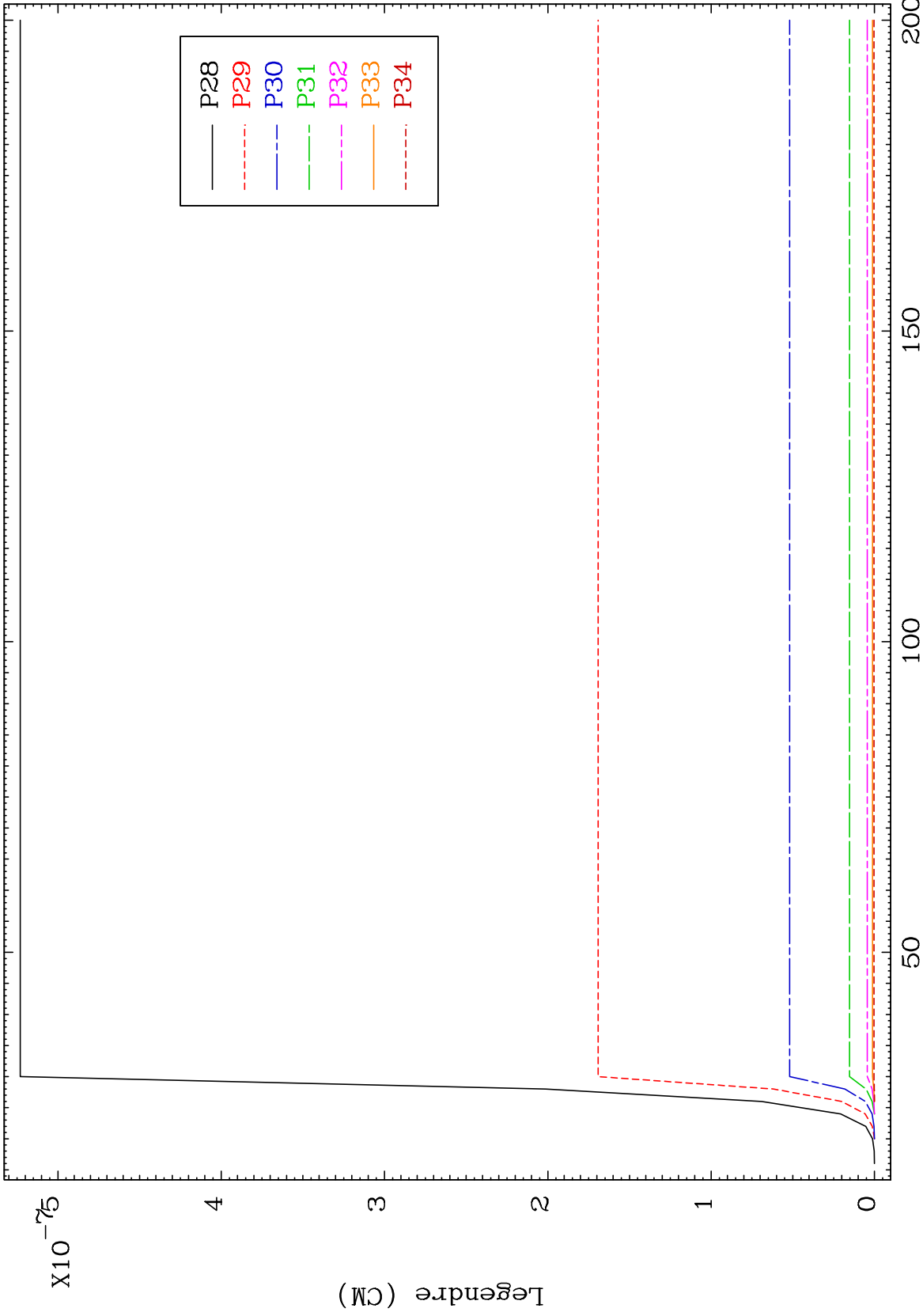
39-Y -83



MAT 3907

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

39-Y -83



67

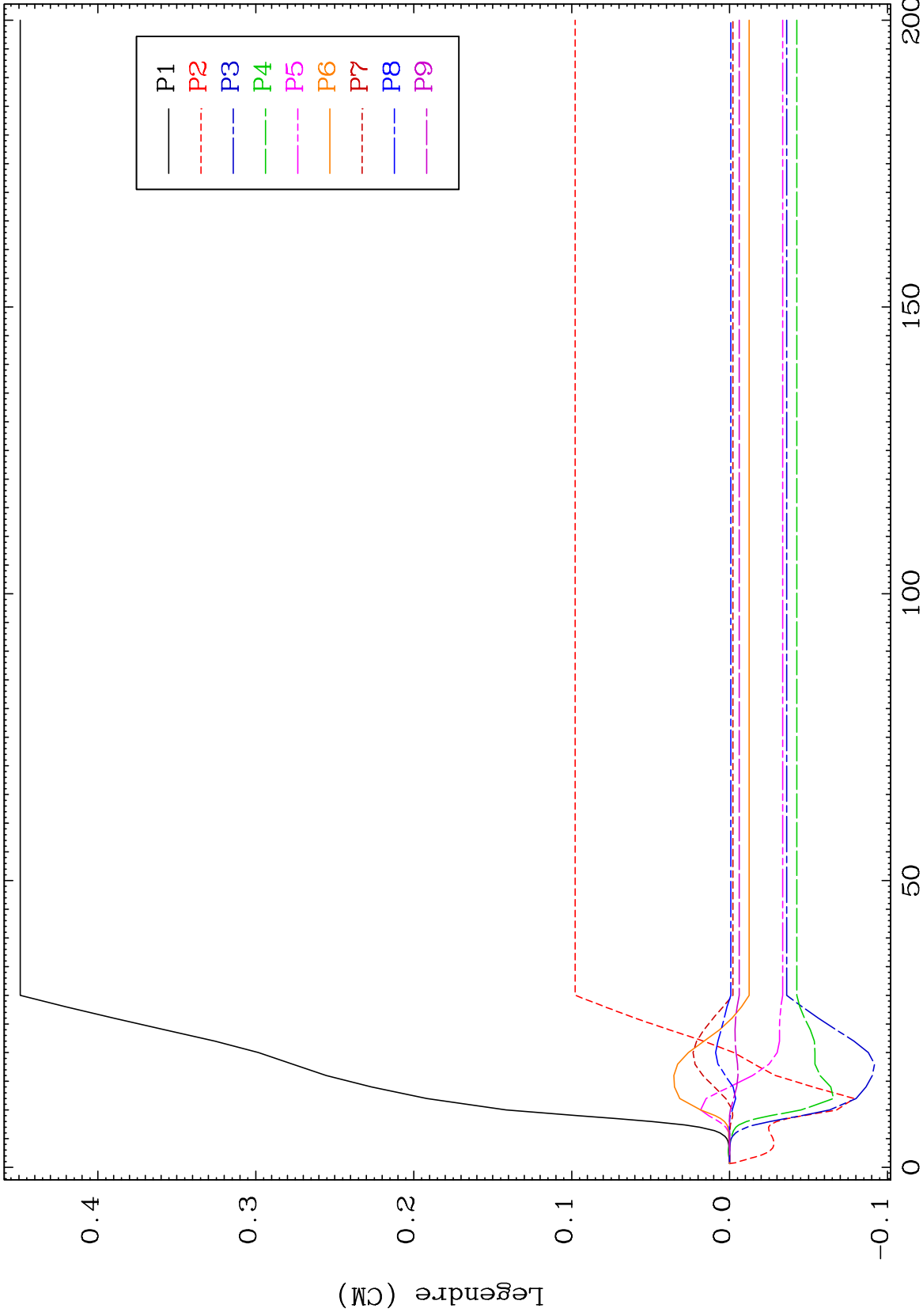
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



68

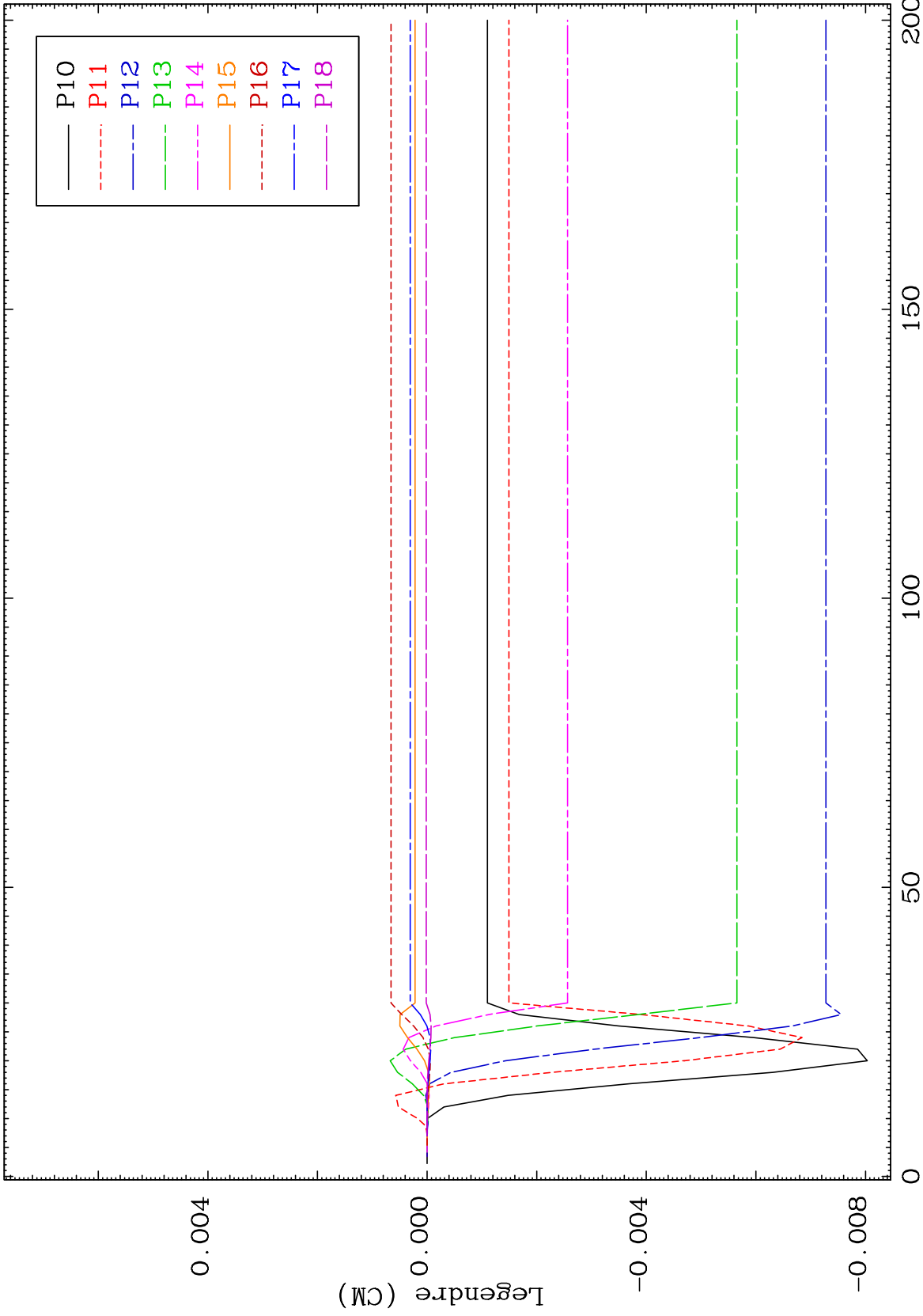
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



69

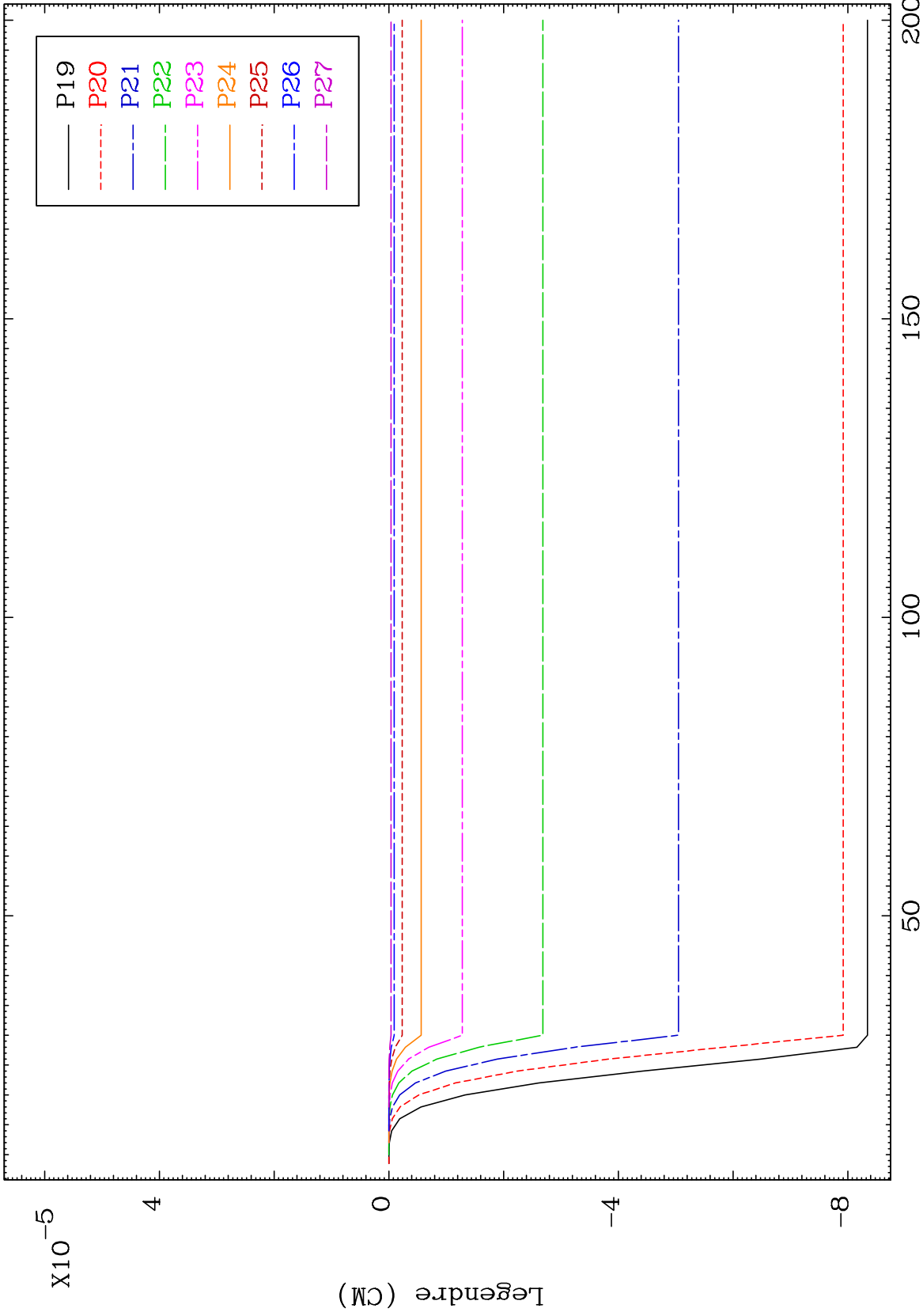
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



70

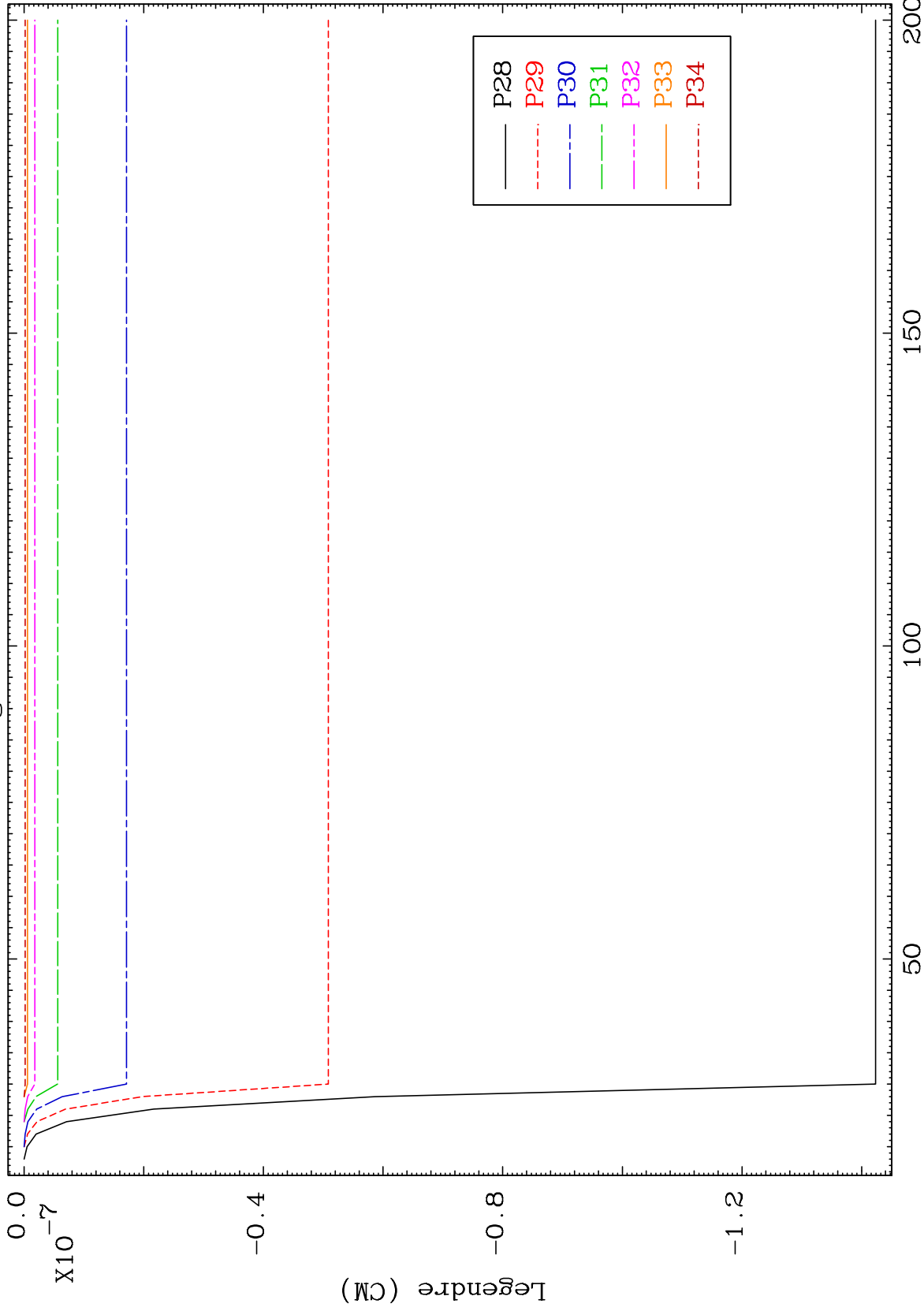
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



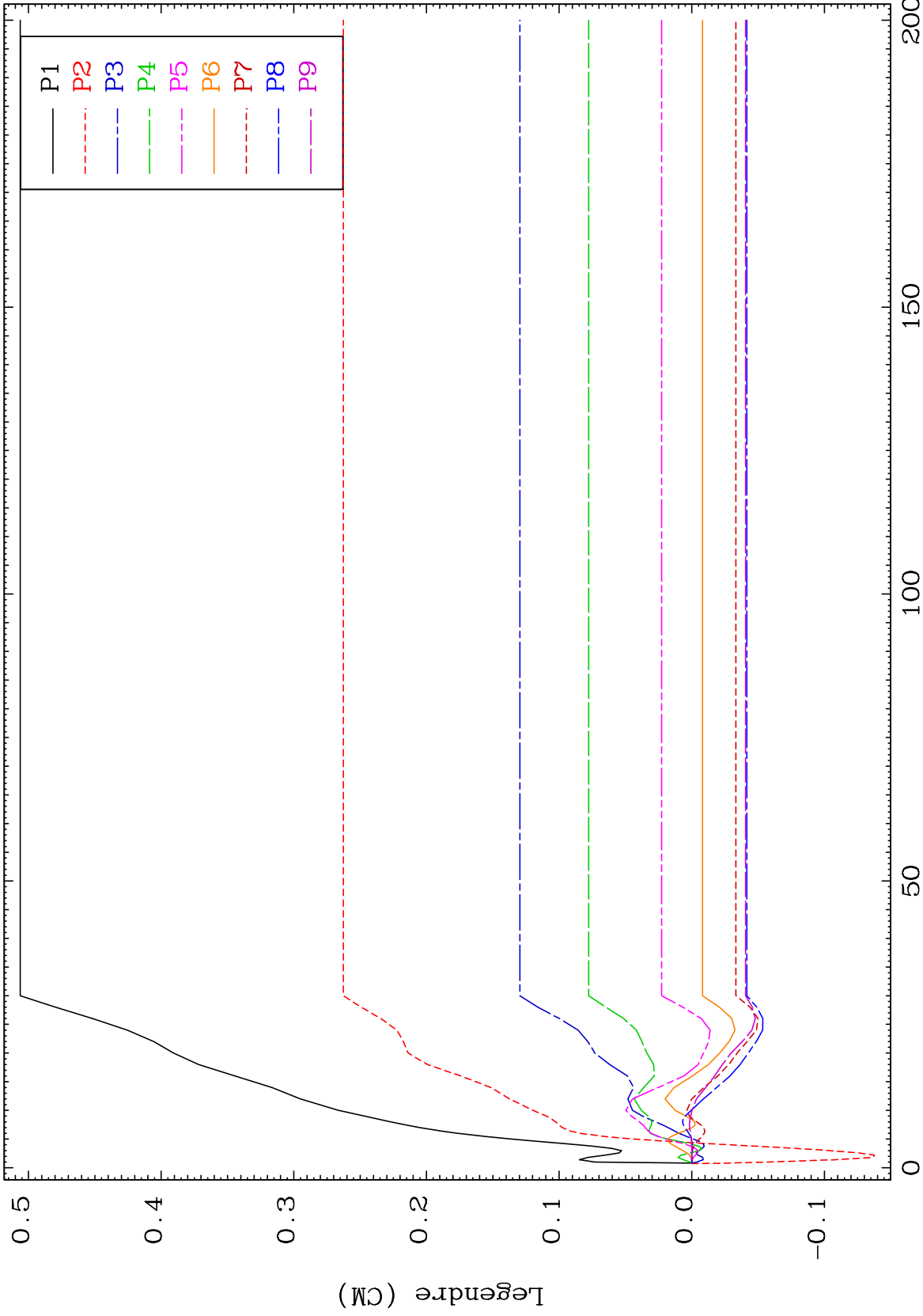
71

39-Y -83

MAT 3907

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

39-Y -83



72

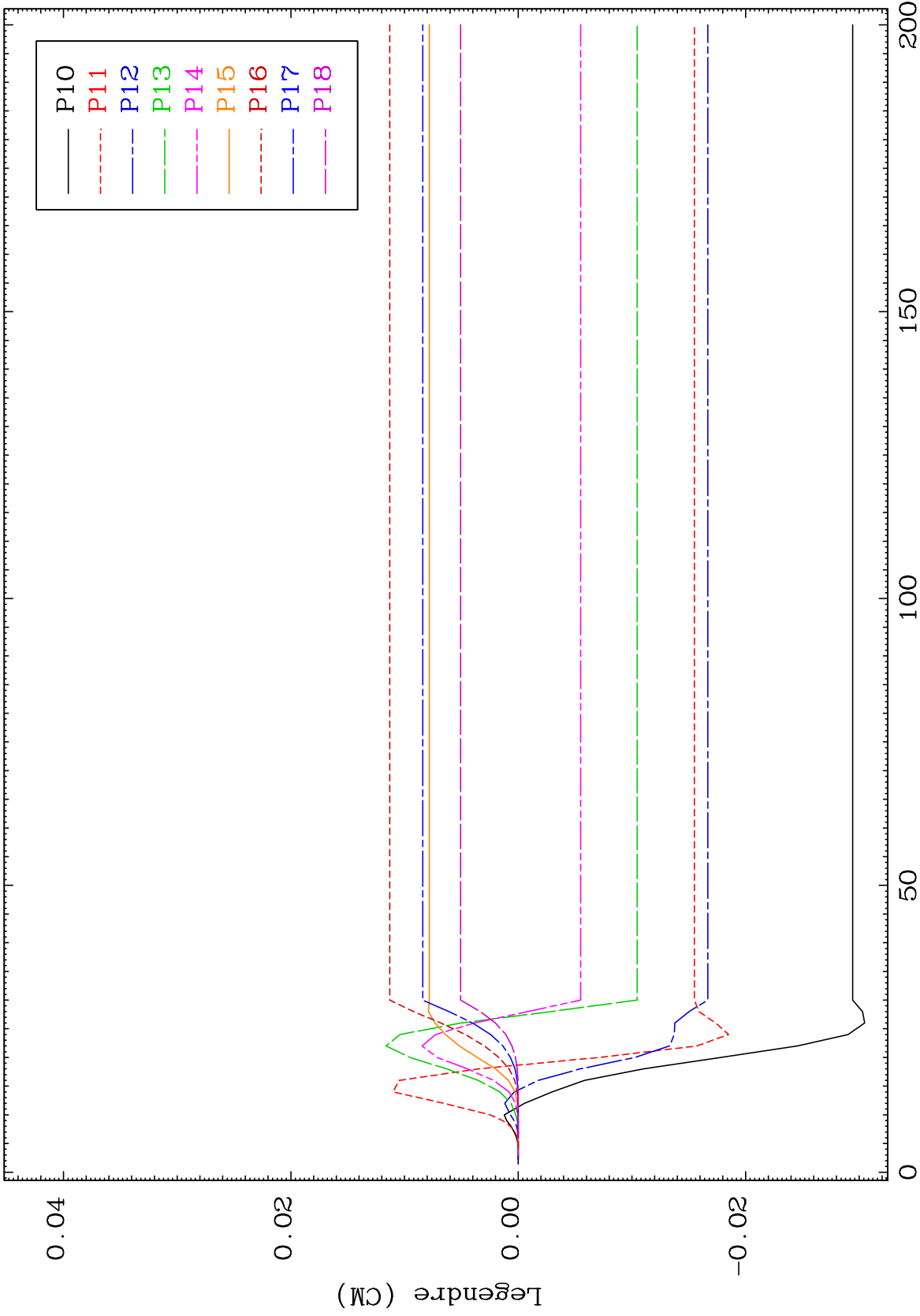
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



73

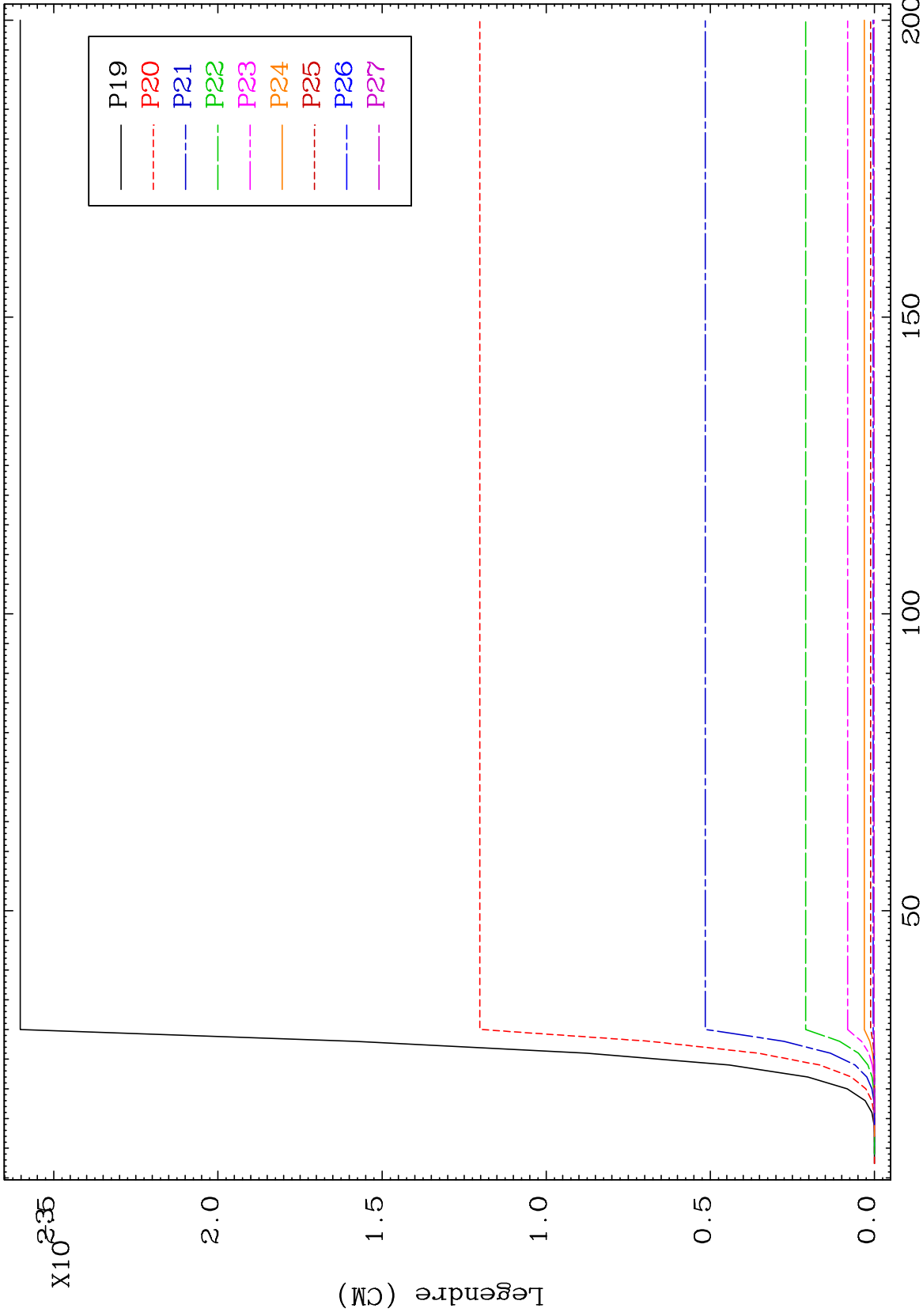
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



74

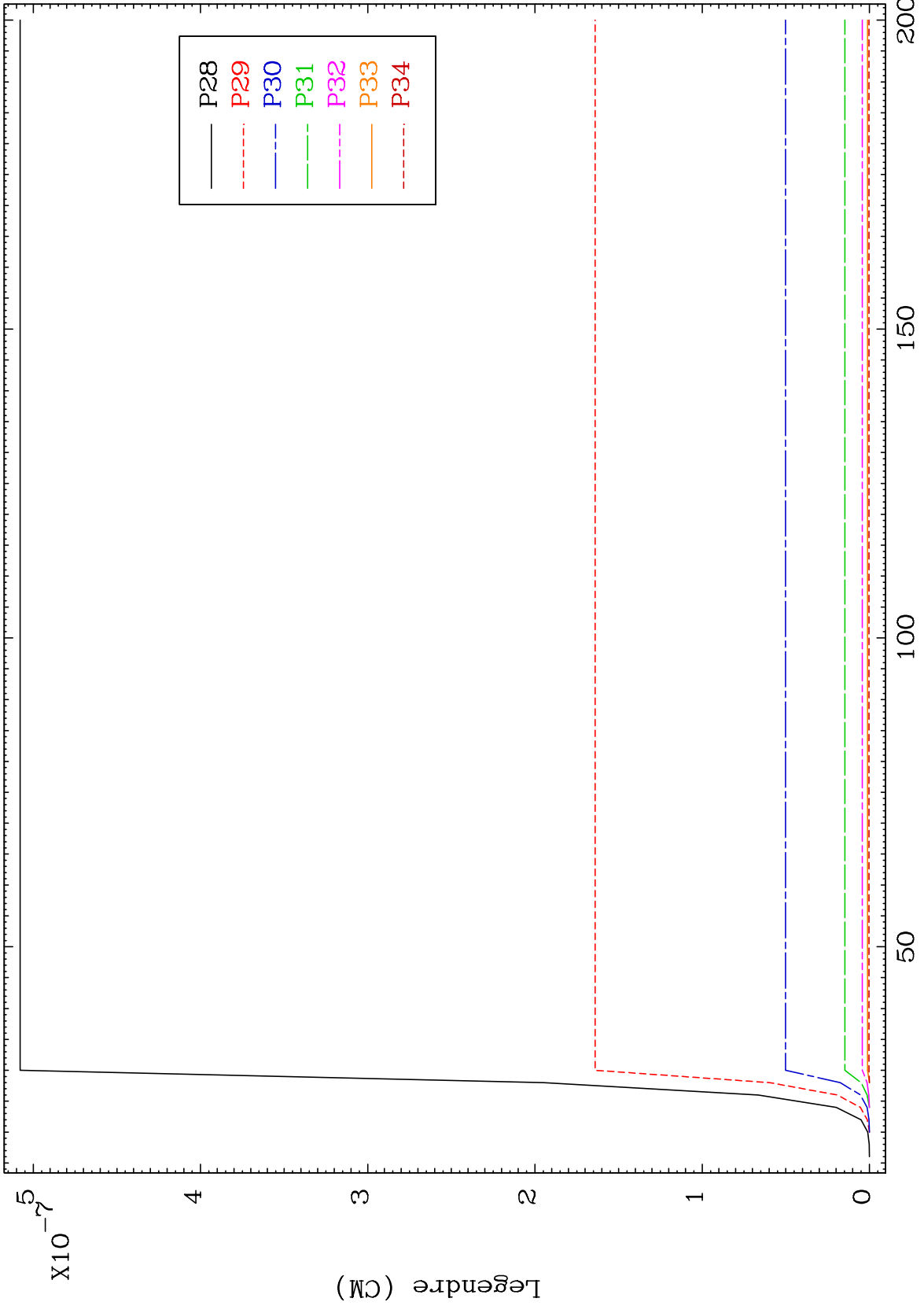
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



75

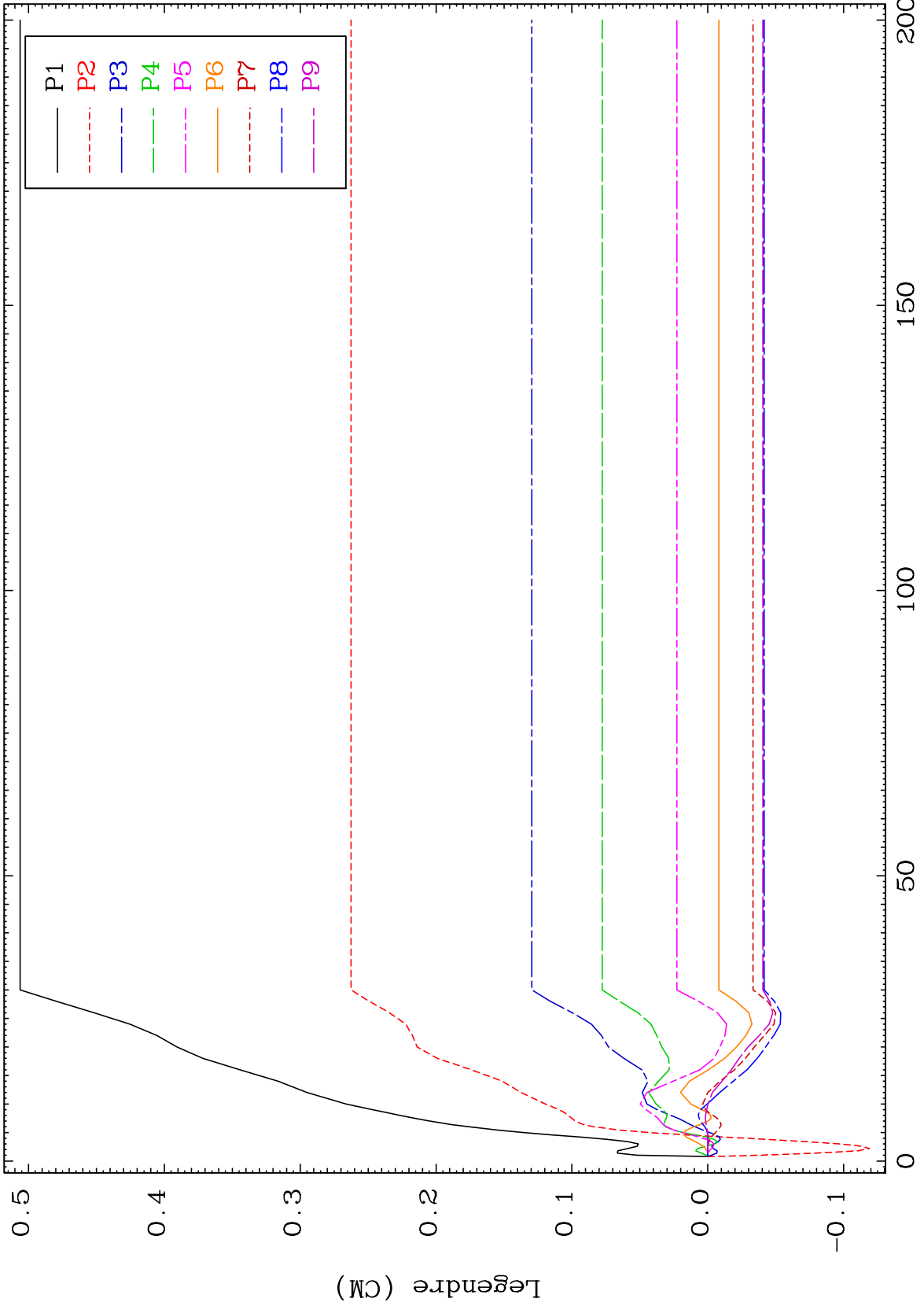
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



76

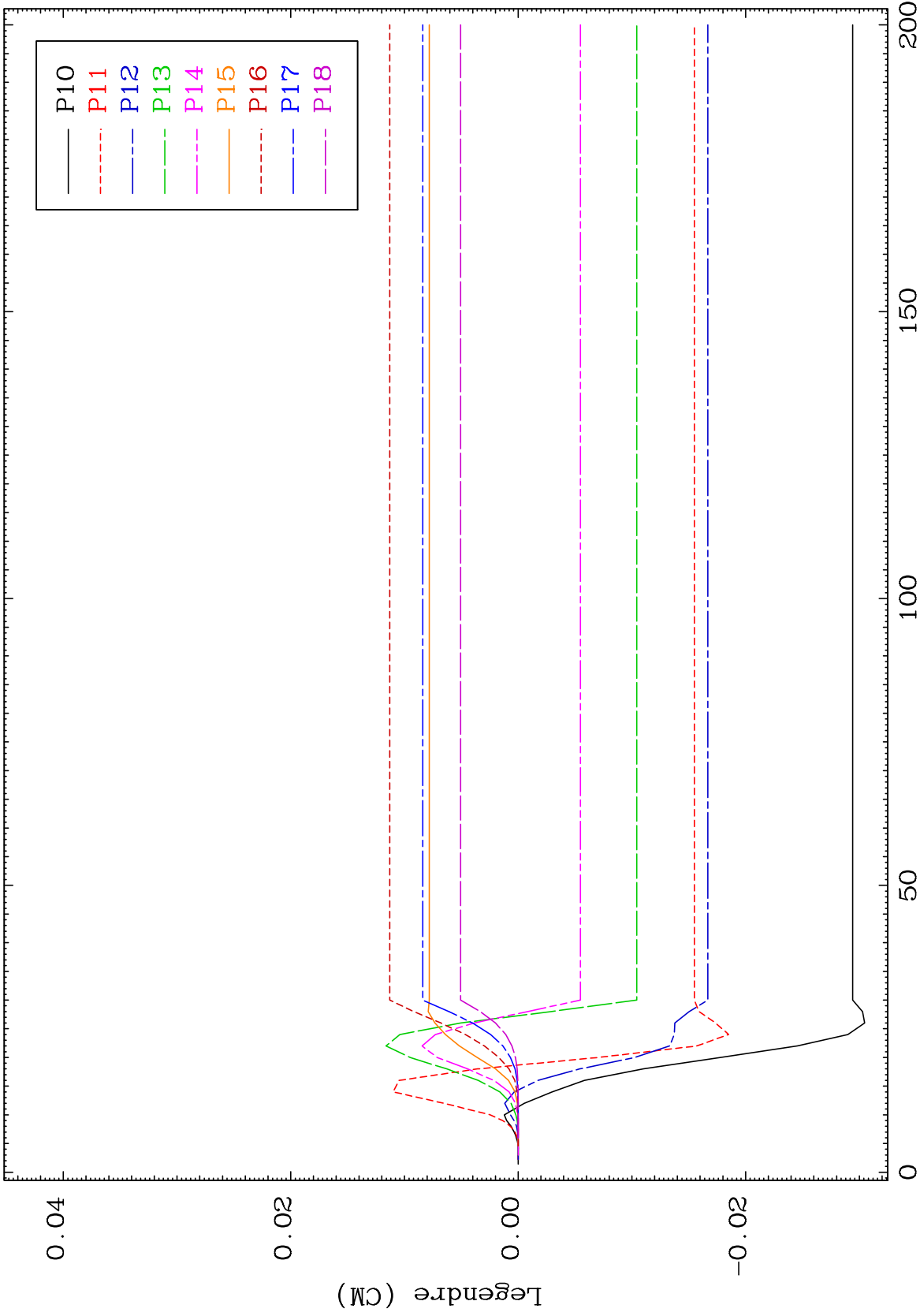
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



77

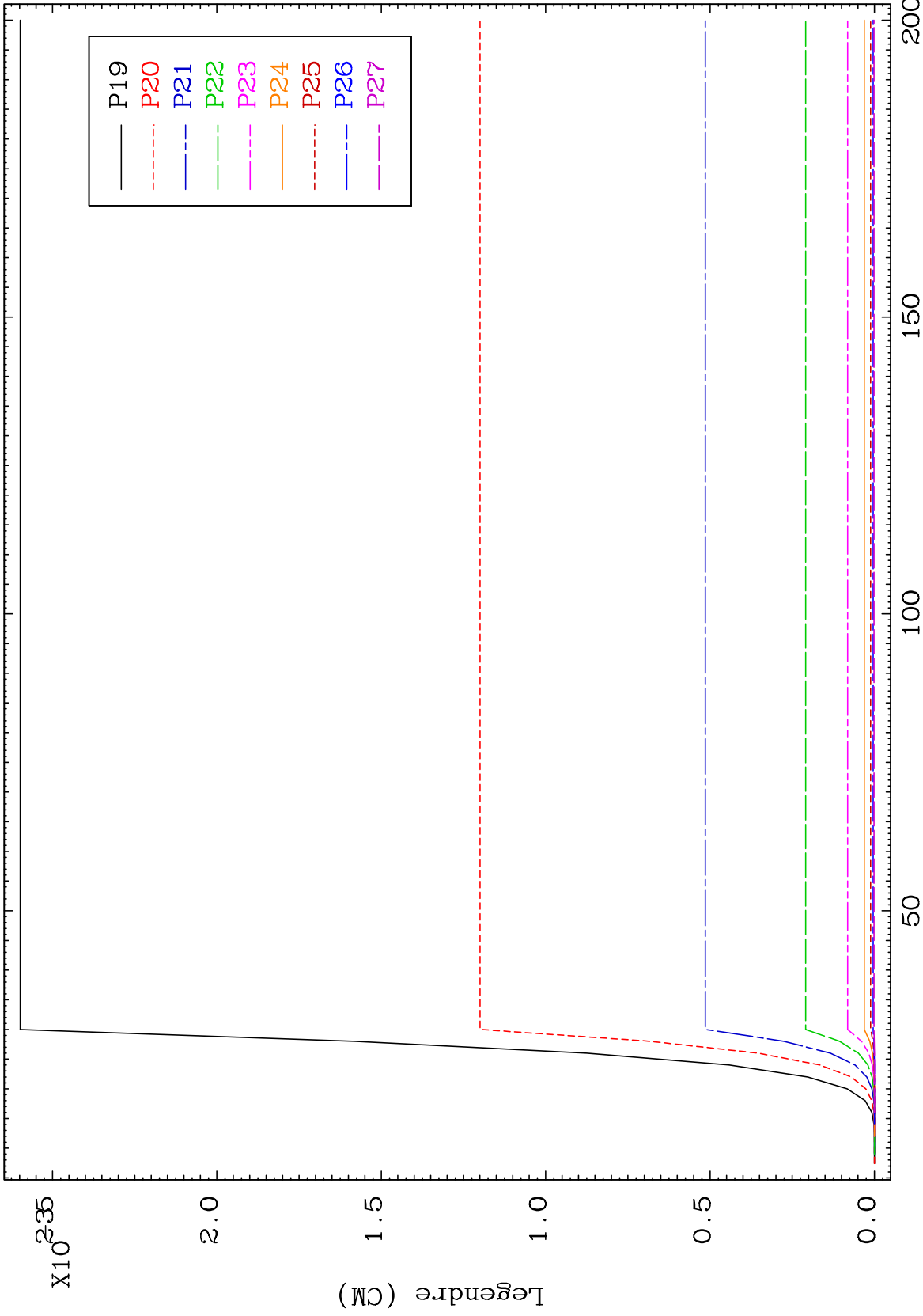
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



78

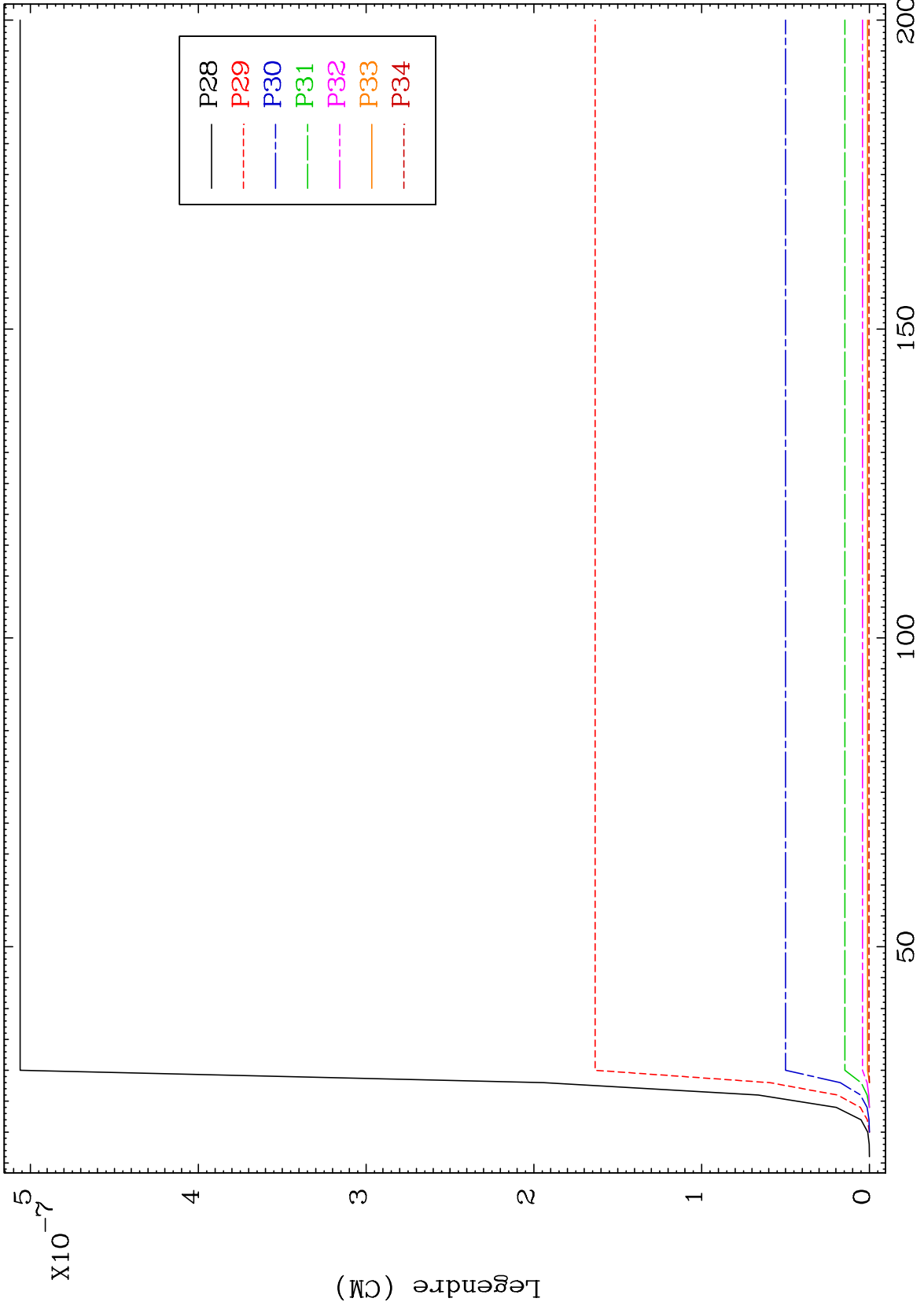
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



79

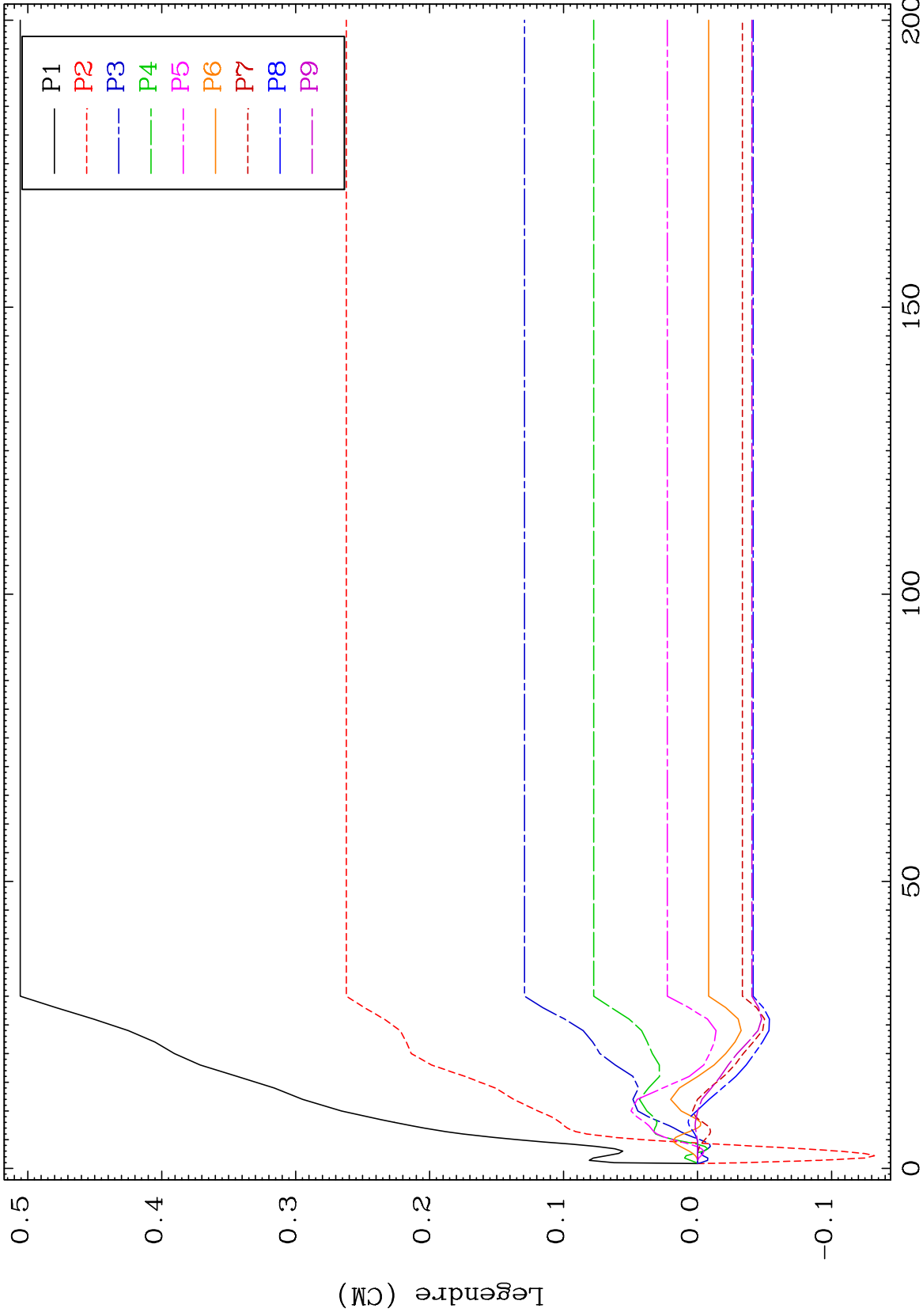
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



80

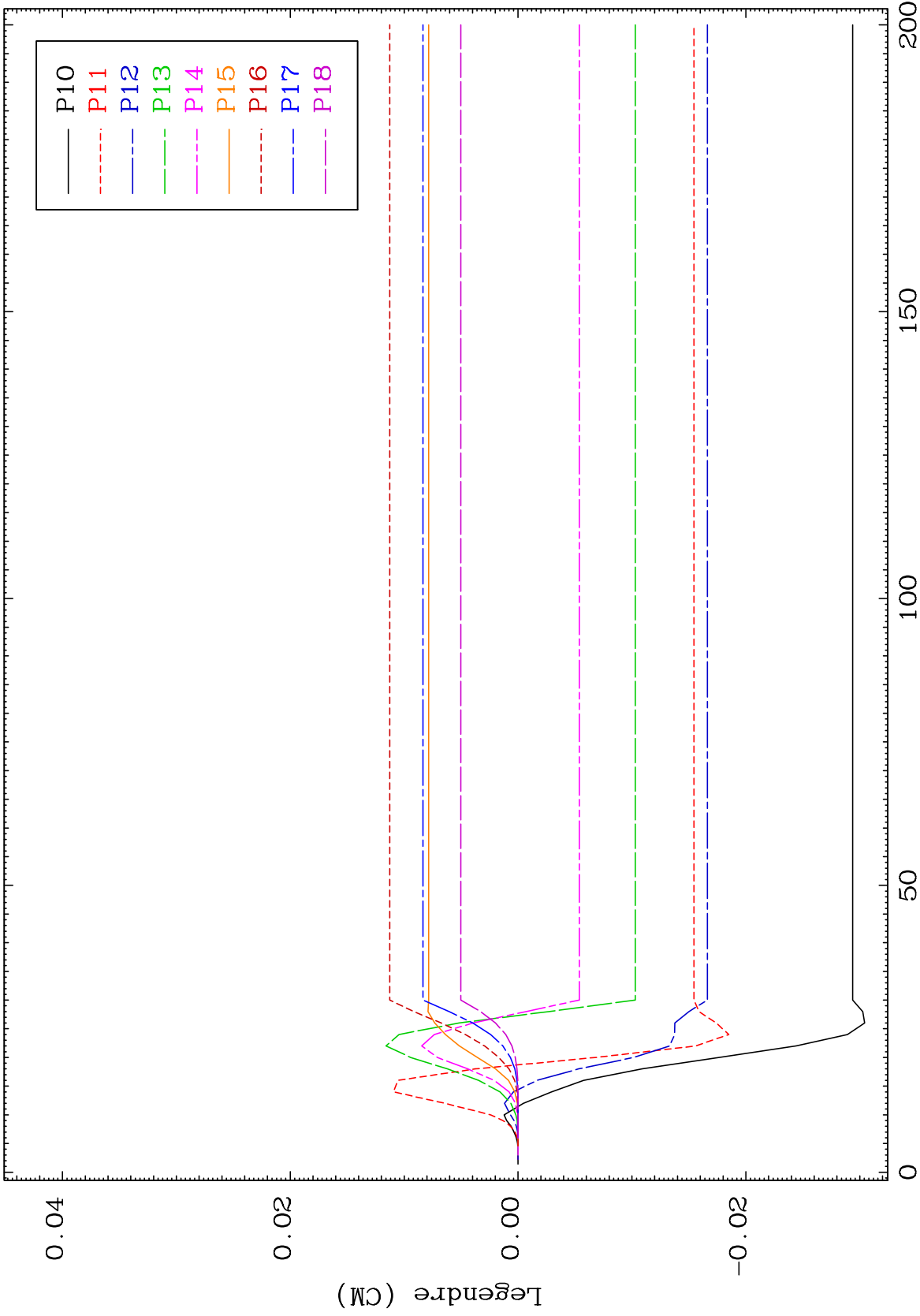
Incident Energy (MeV)

39-Y -83

MAT 3907

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

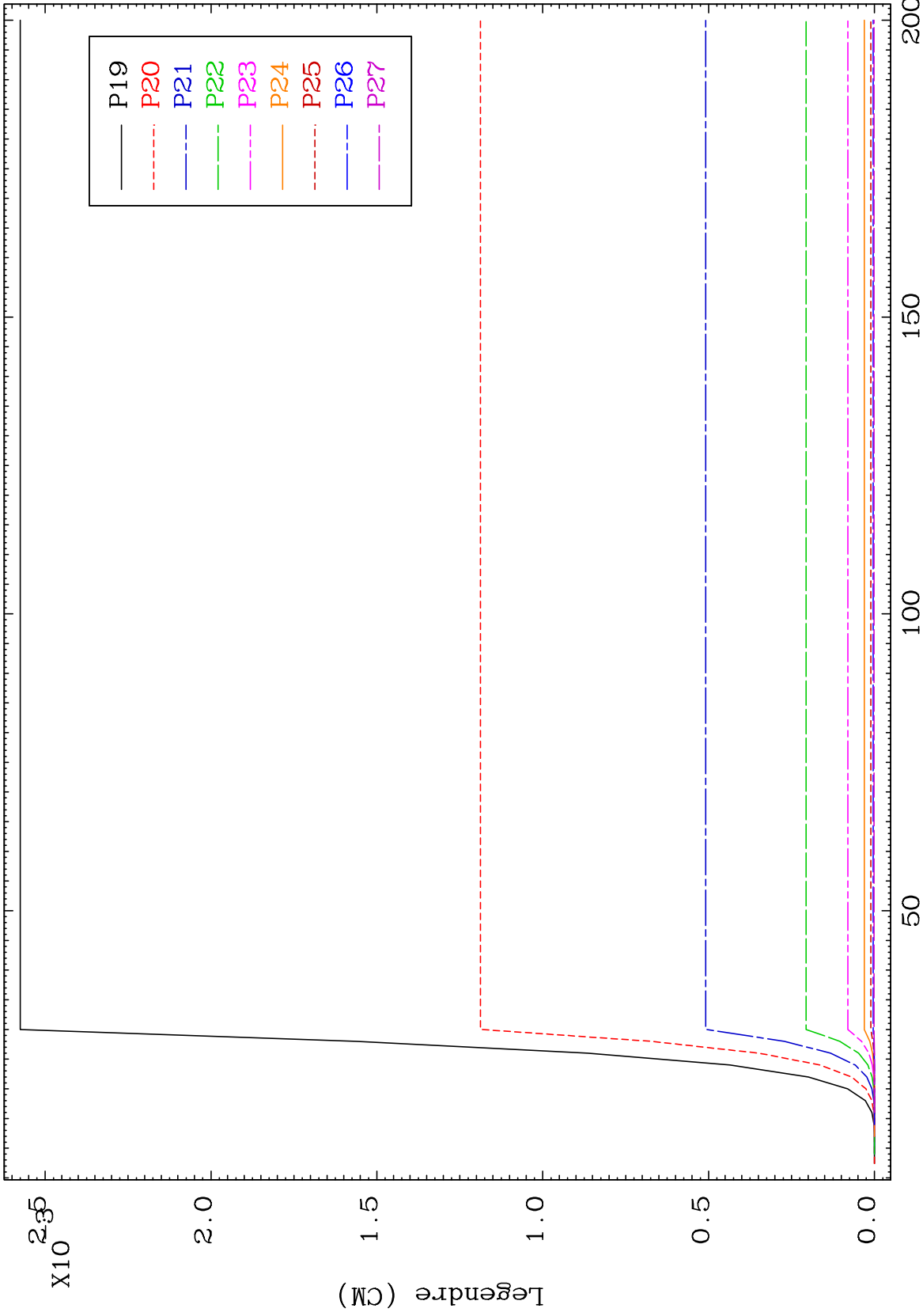
39-Y -83



81

Incident Energy (MeV)

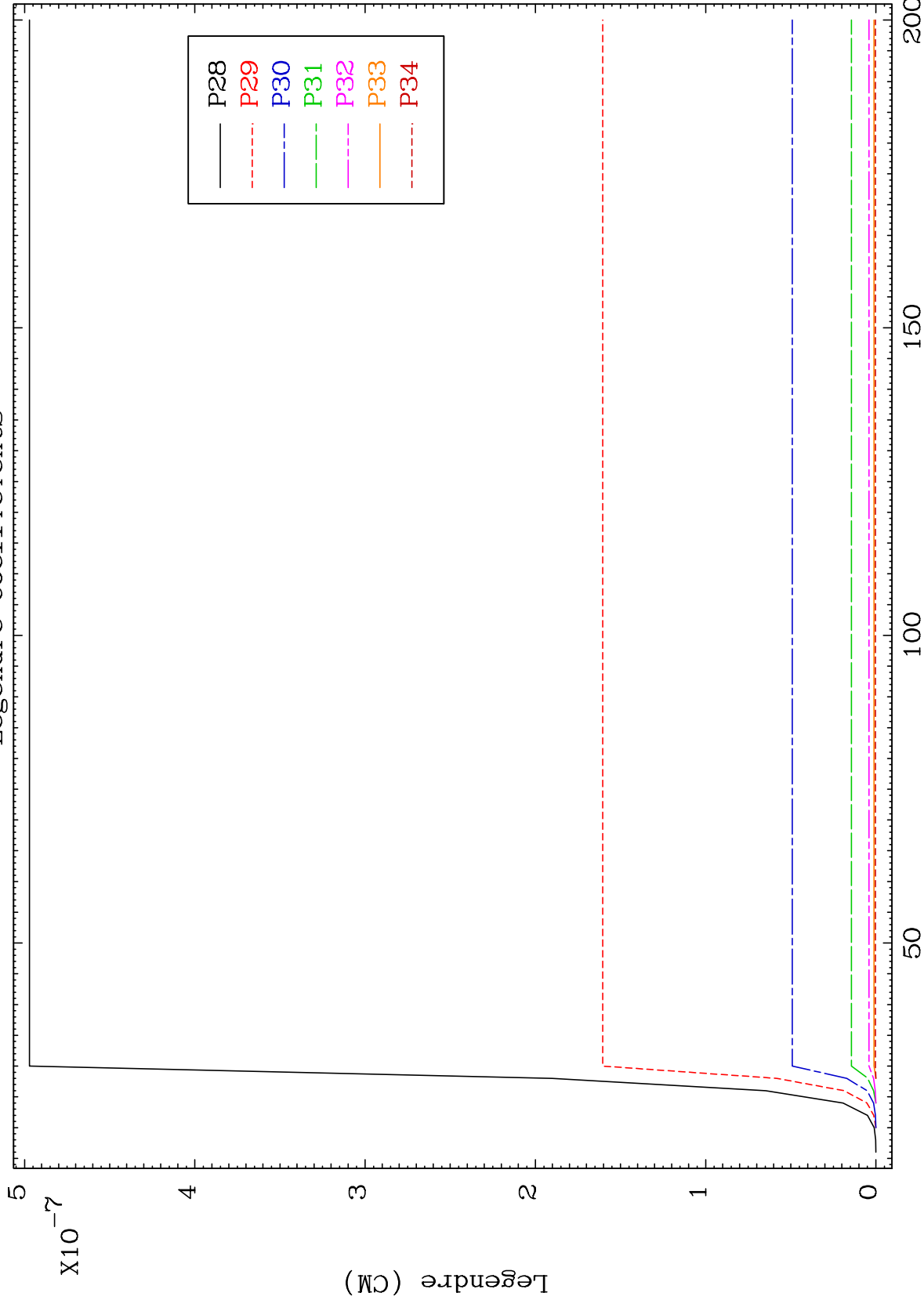
39-Y -83



MAT 3907

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

39-Y -83



83

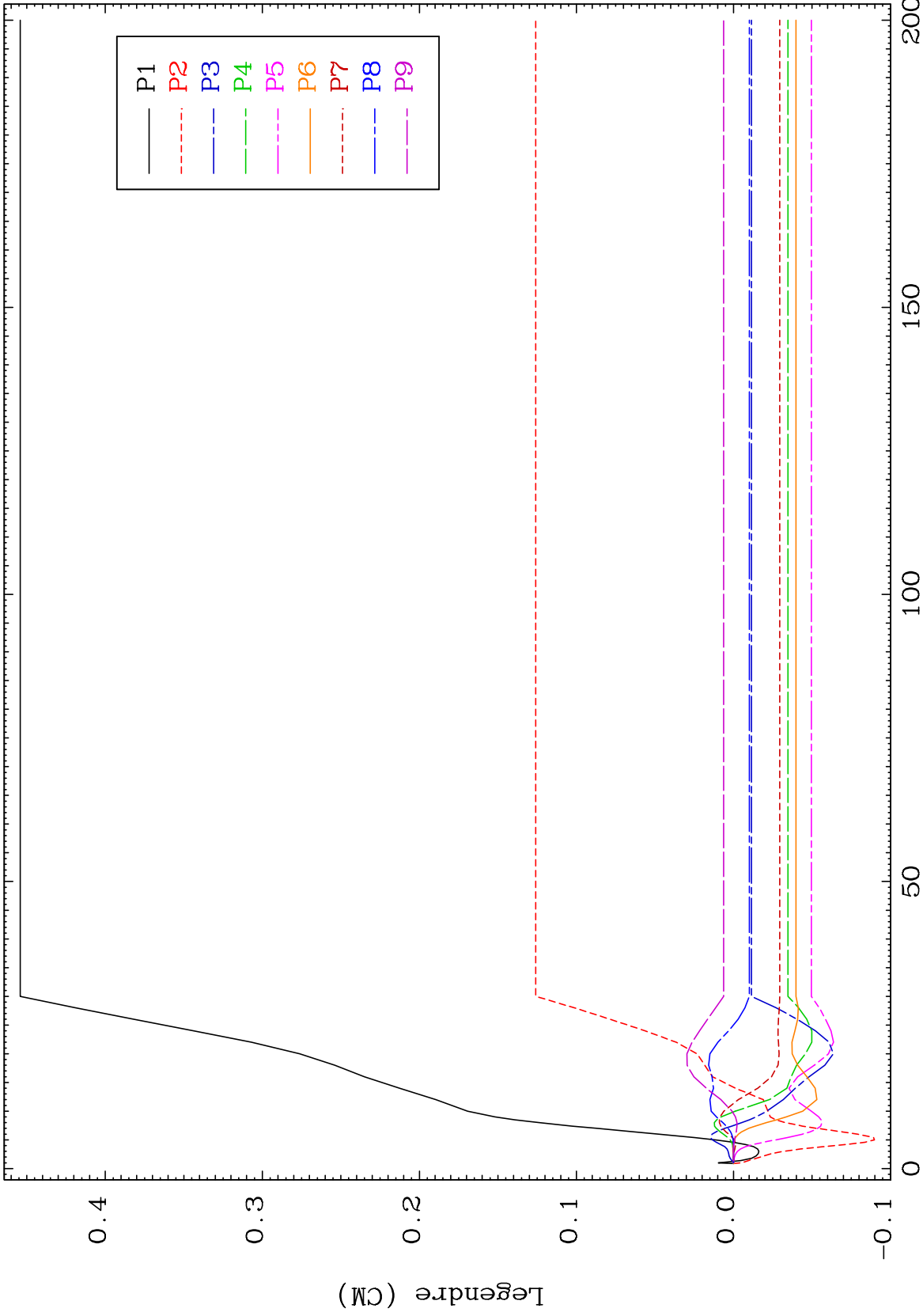
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



84

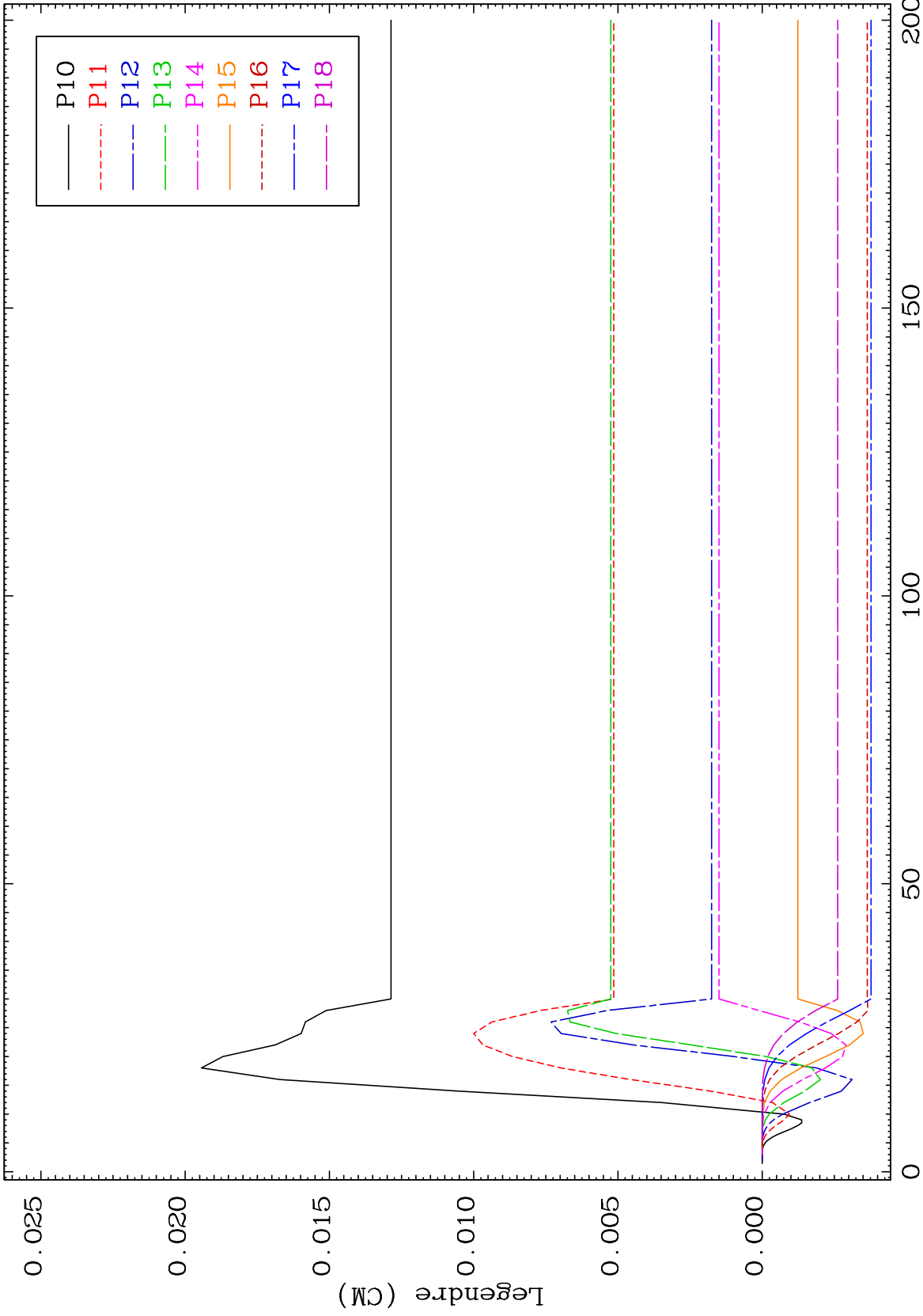
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83

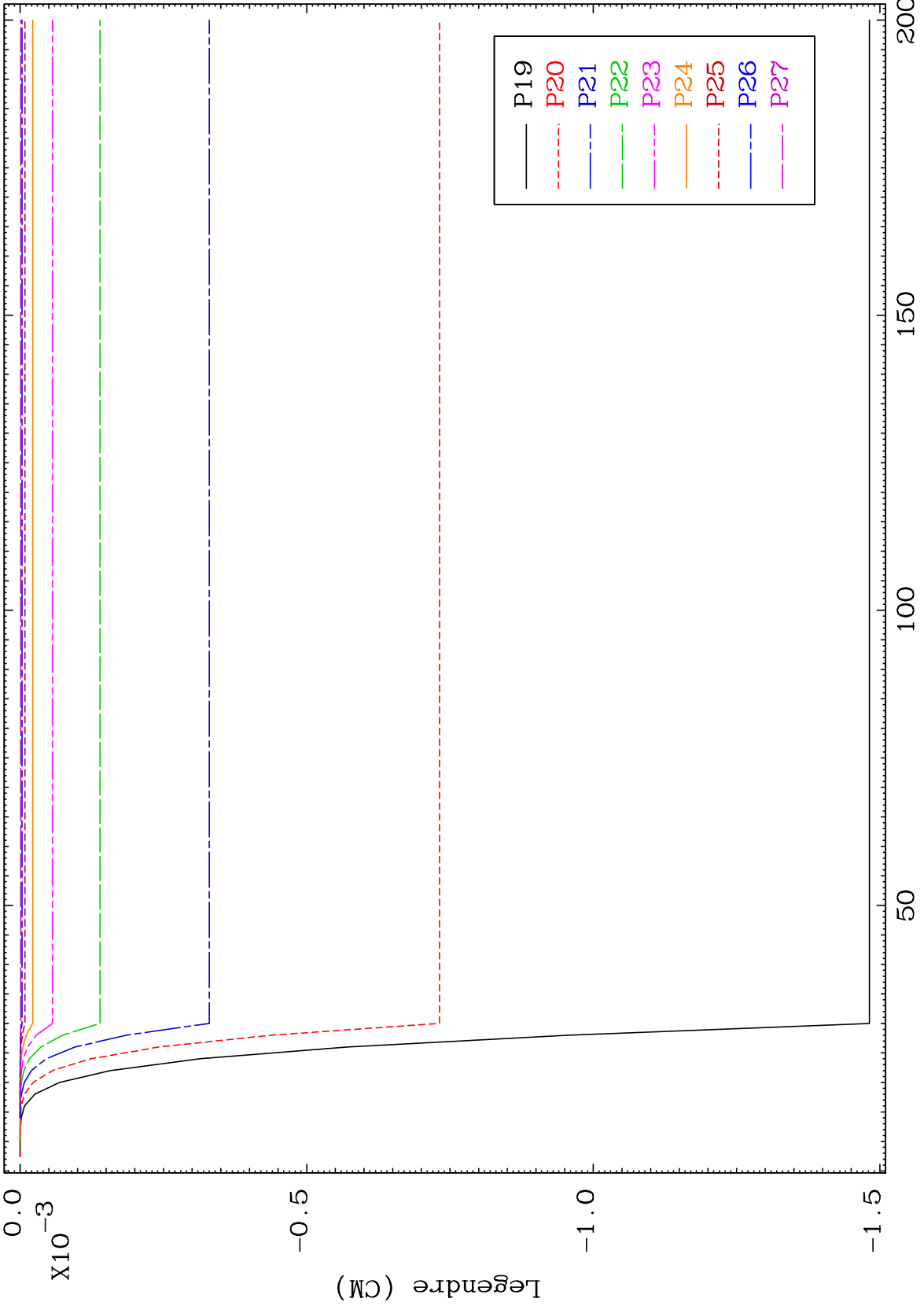


85

Incident Energy (MeV)

39-Y -83

MAT 3907 MT= 68 (n,n') Level Legendre Coefficients 39-Y -83

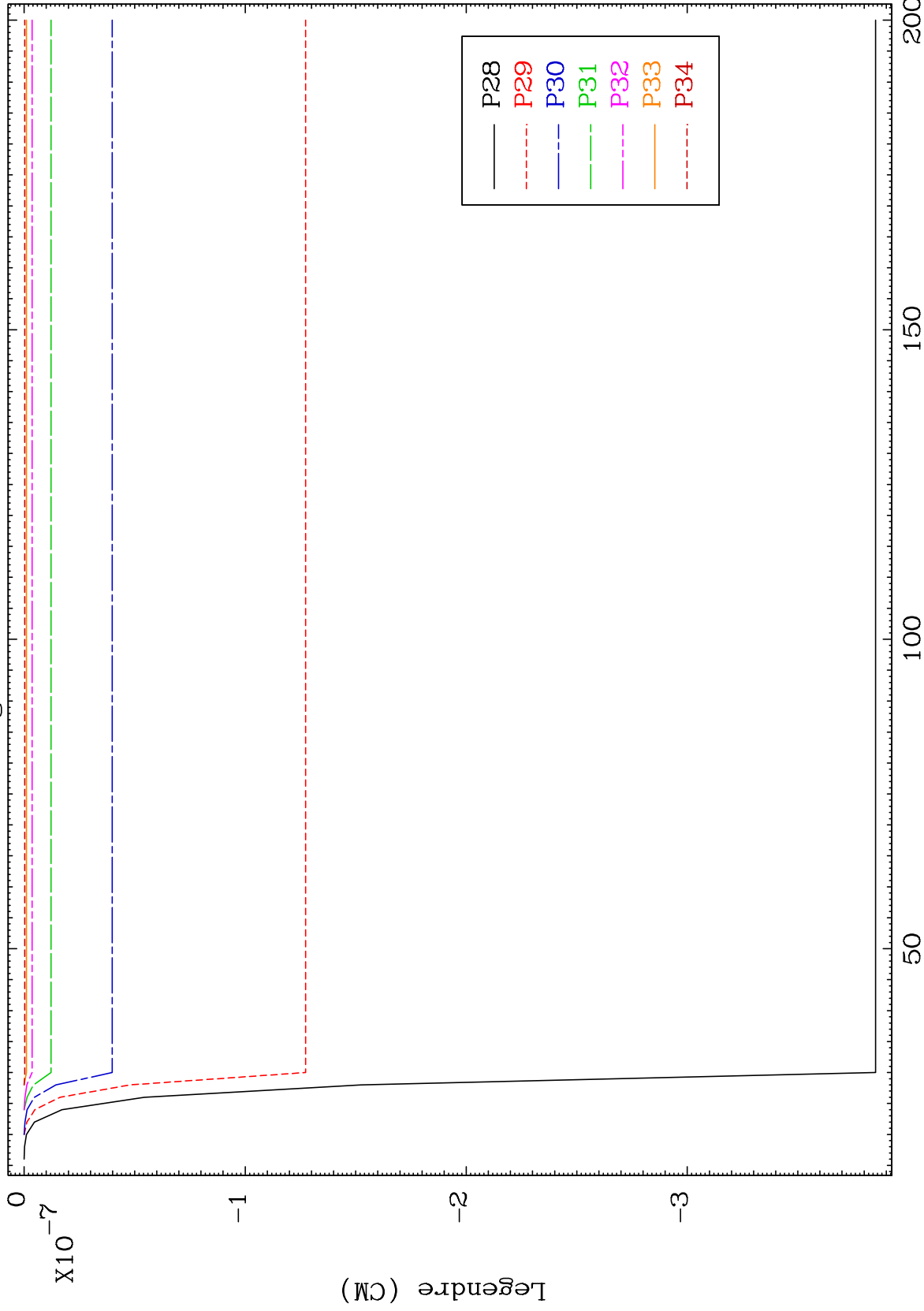


86 Incident Energy (MeV) 39-Y -83

MAT 3907 MT= 68 (n,n') Level

39-Y -83

Legendre Coefficients



39-Y -83

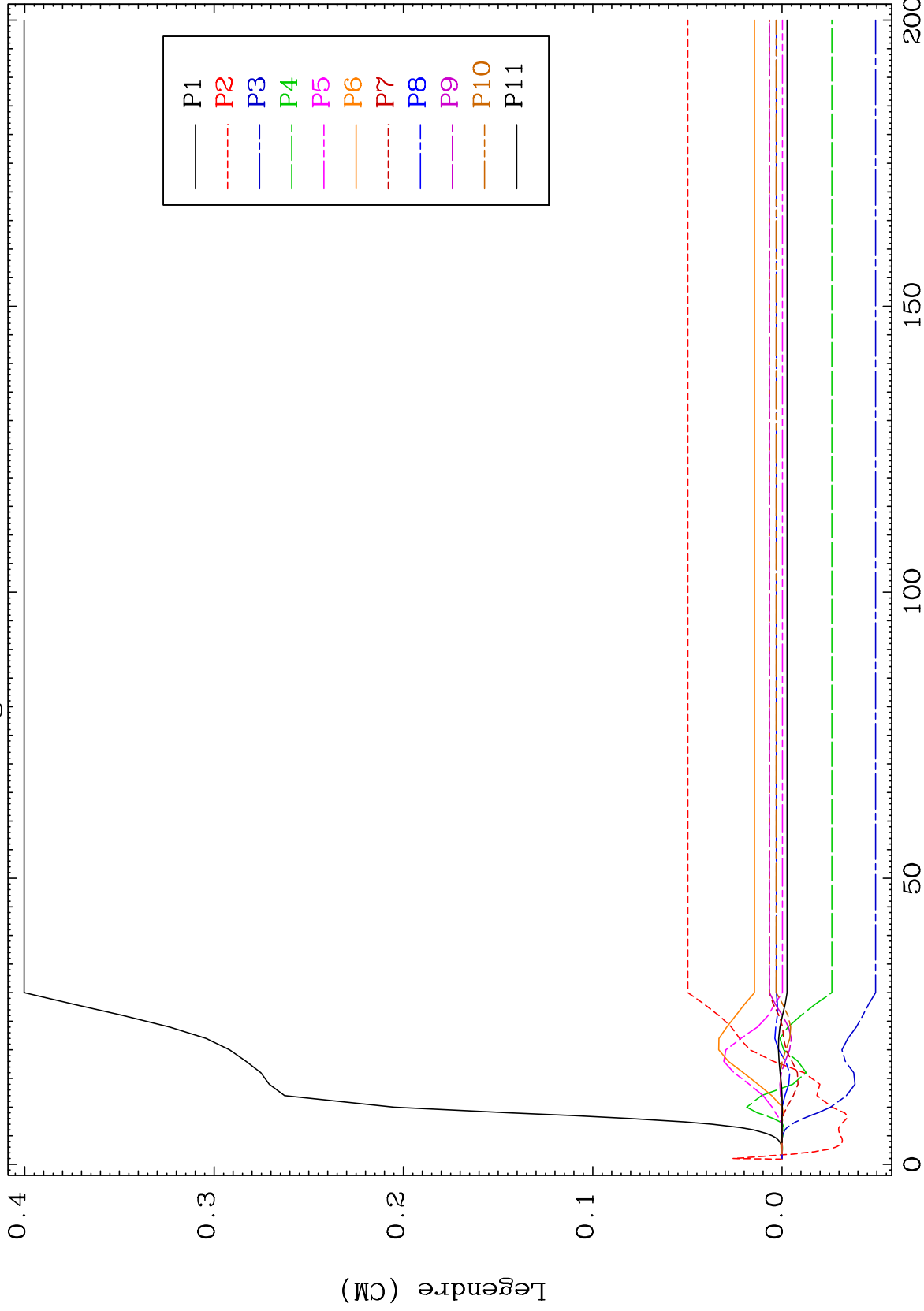
Incident Energy (MeV)

87

MAT 3907

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

39-Y -83



88

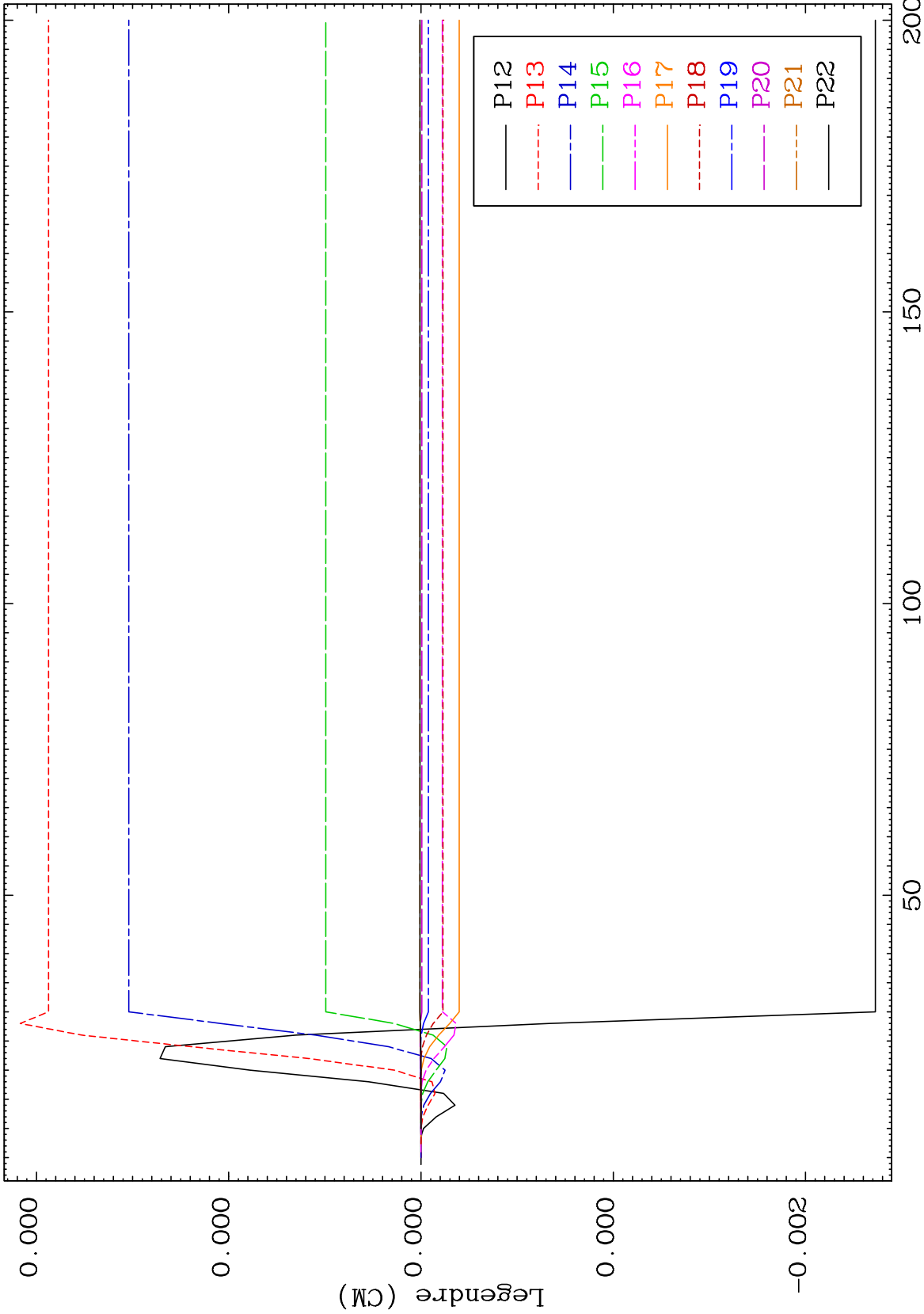
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



89

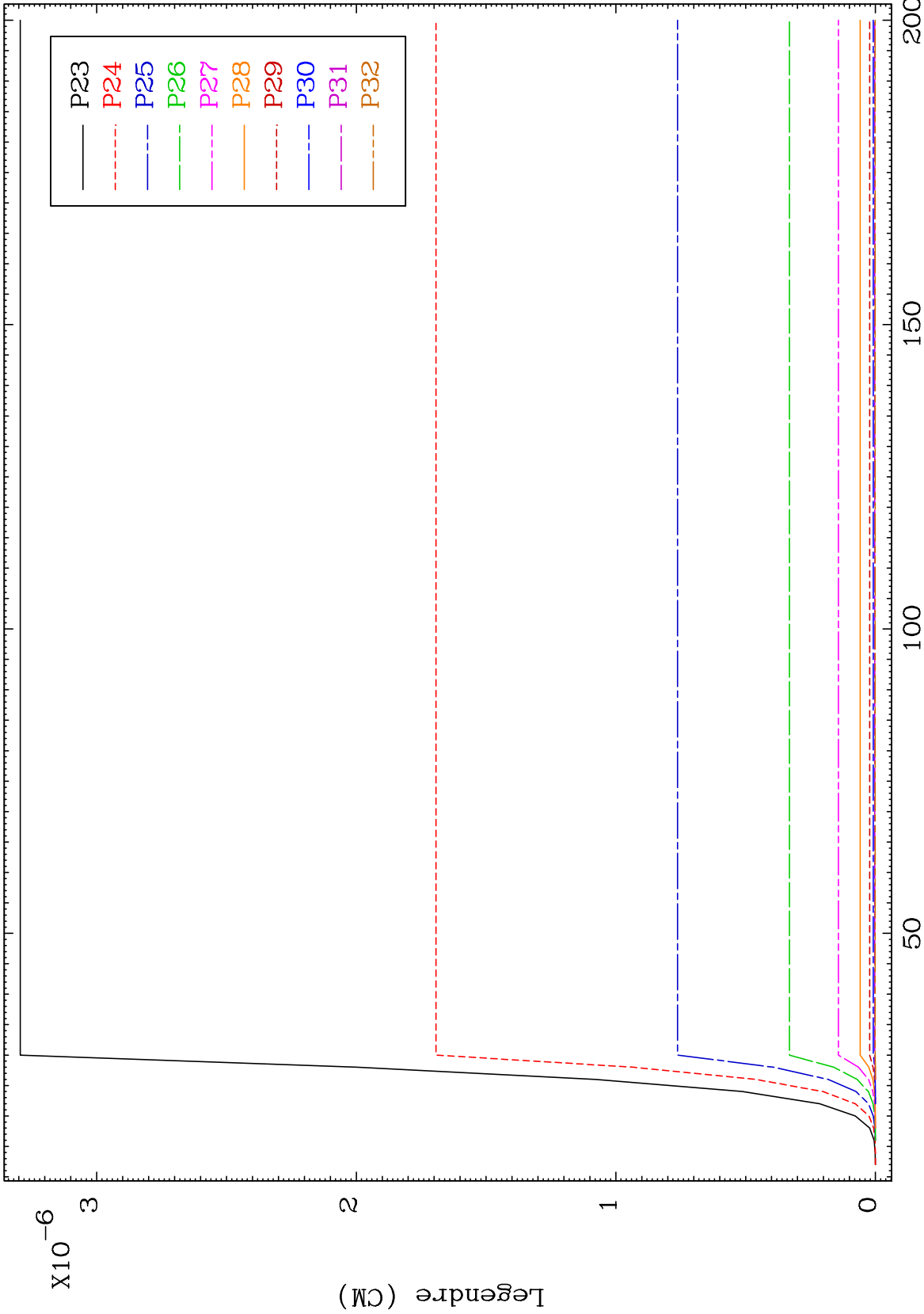
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



90

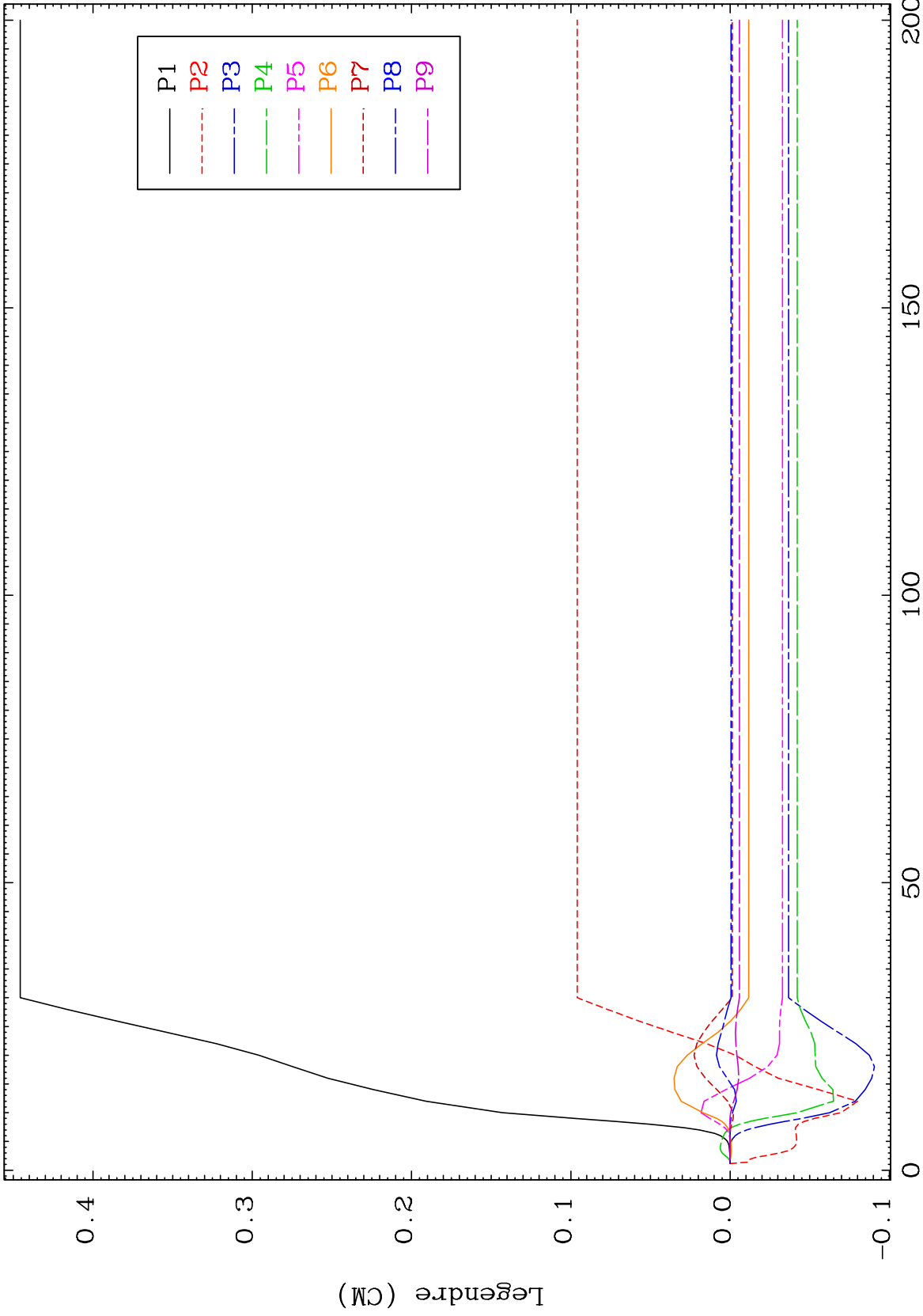
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



91

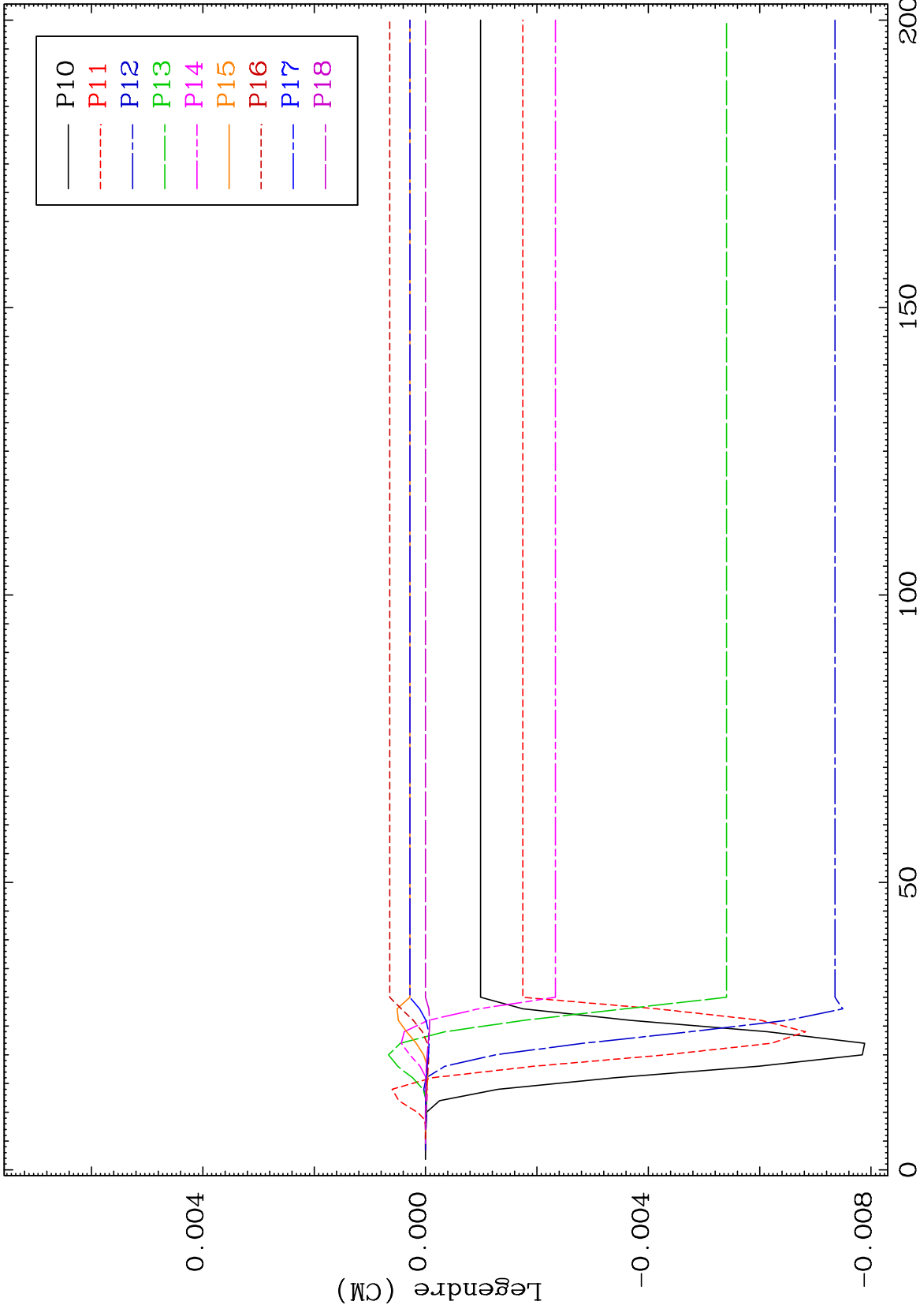
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



92

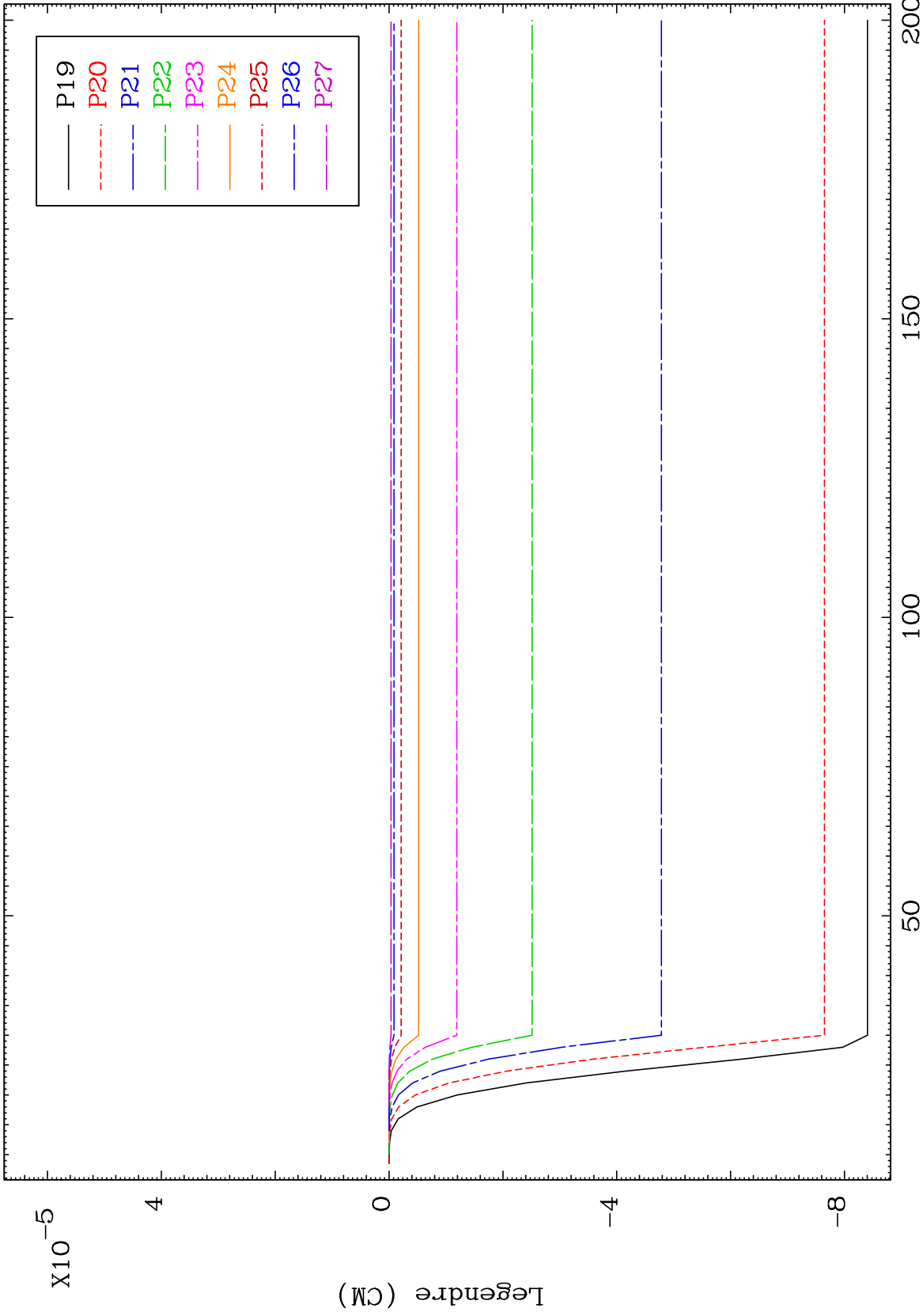
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83

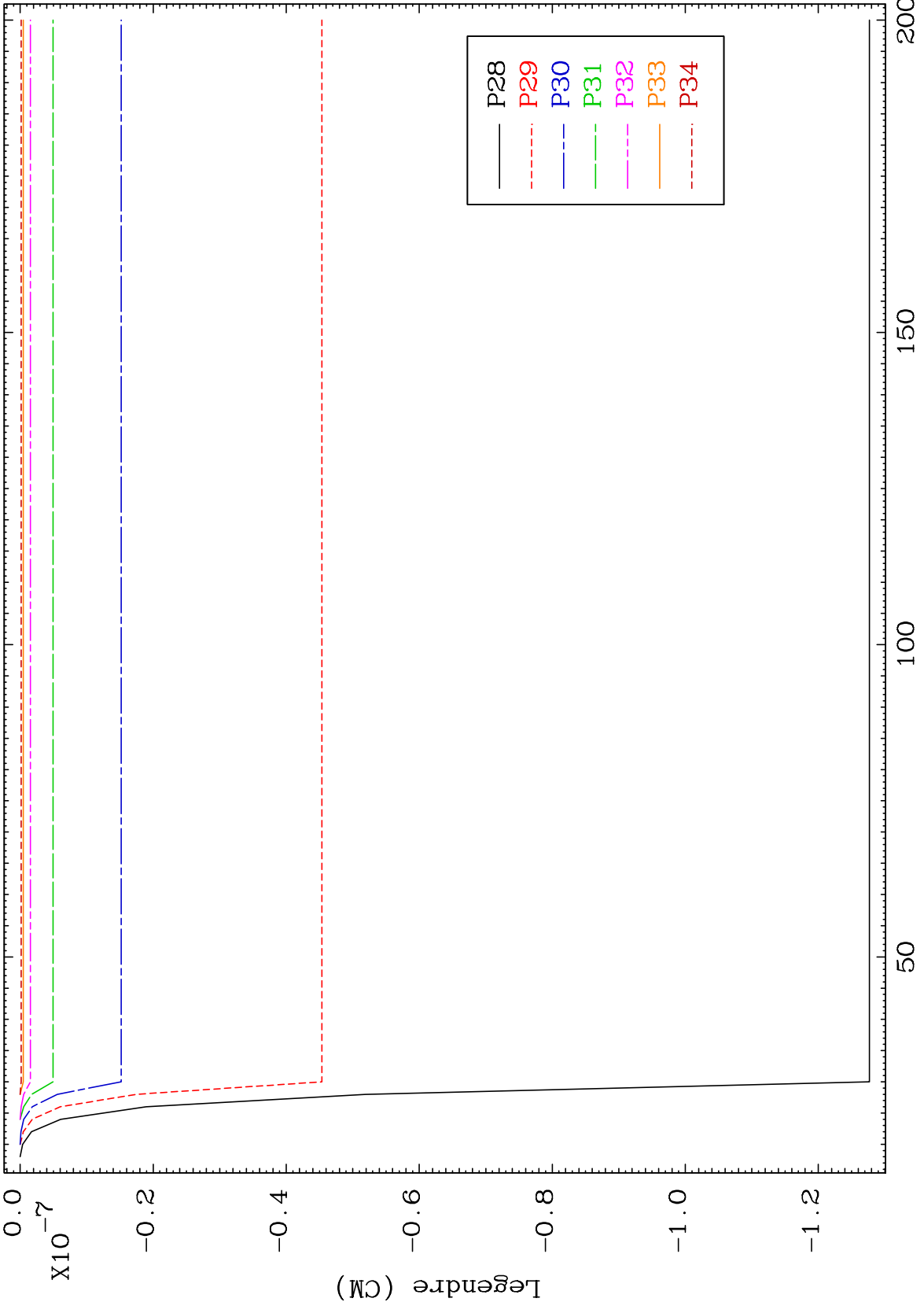


93

Incident Energy (MeV)

39-Y -83

MAT 3907 MT= 70 (n,n') Level Legendre Coefficients 39-Y -83

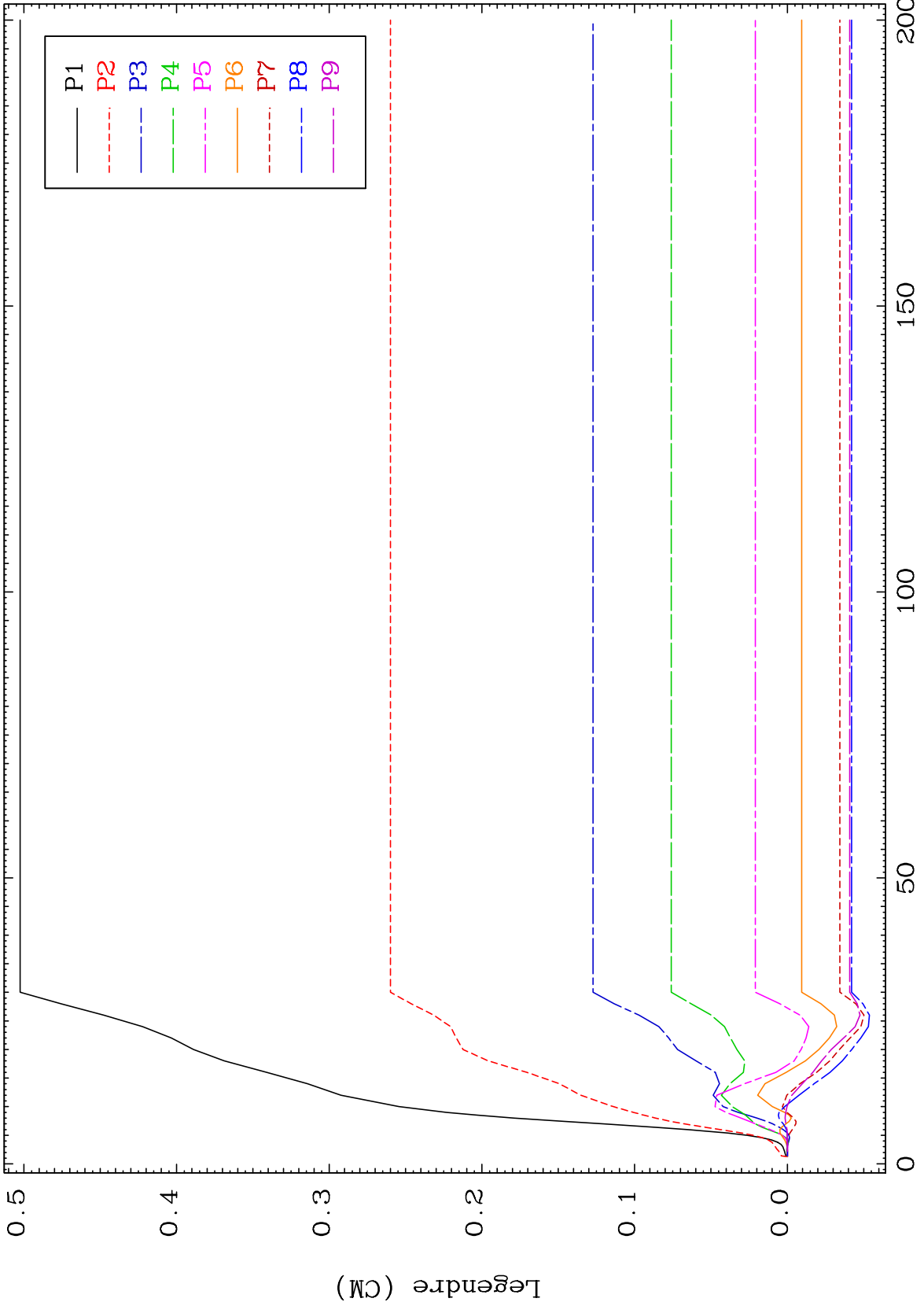


94 39-Y -83

MAT 3907

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

39-Y -83



95

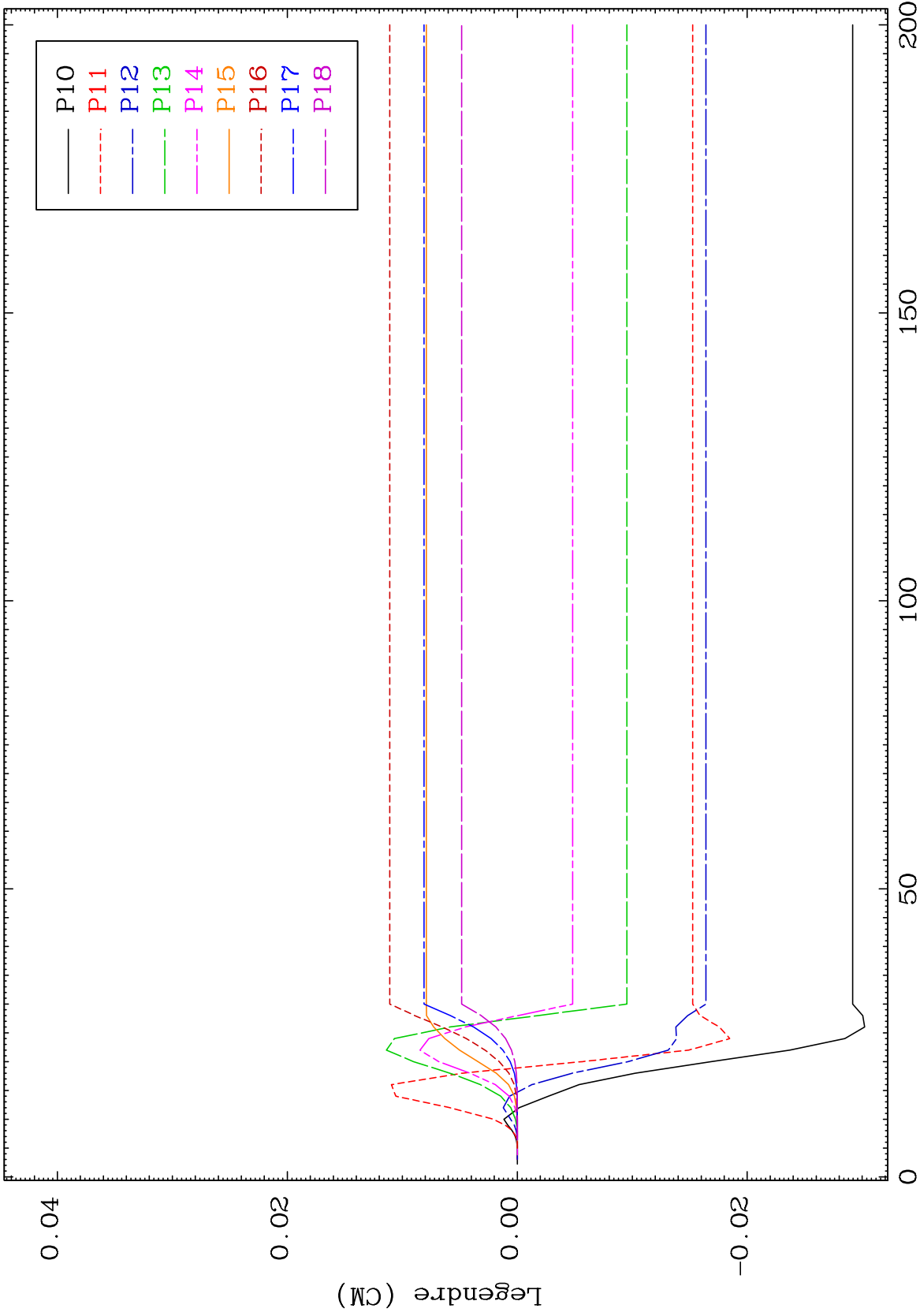
Incident Energy (MeV)

39-Y -83

MAT 3907

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

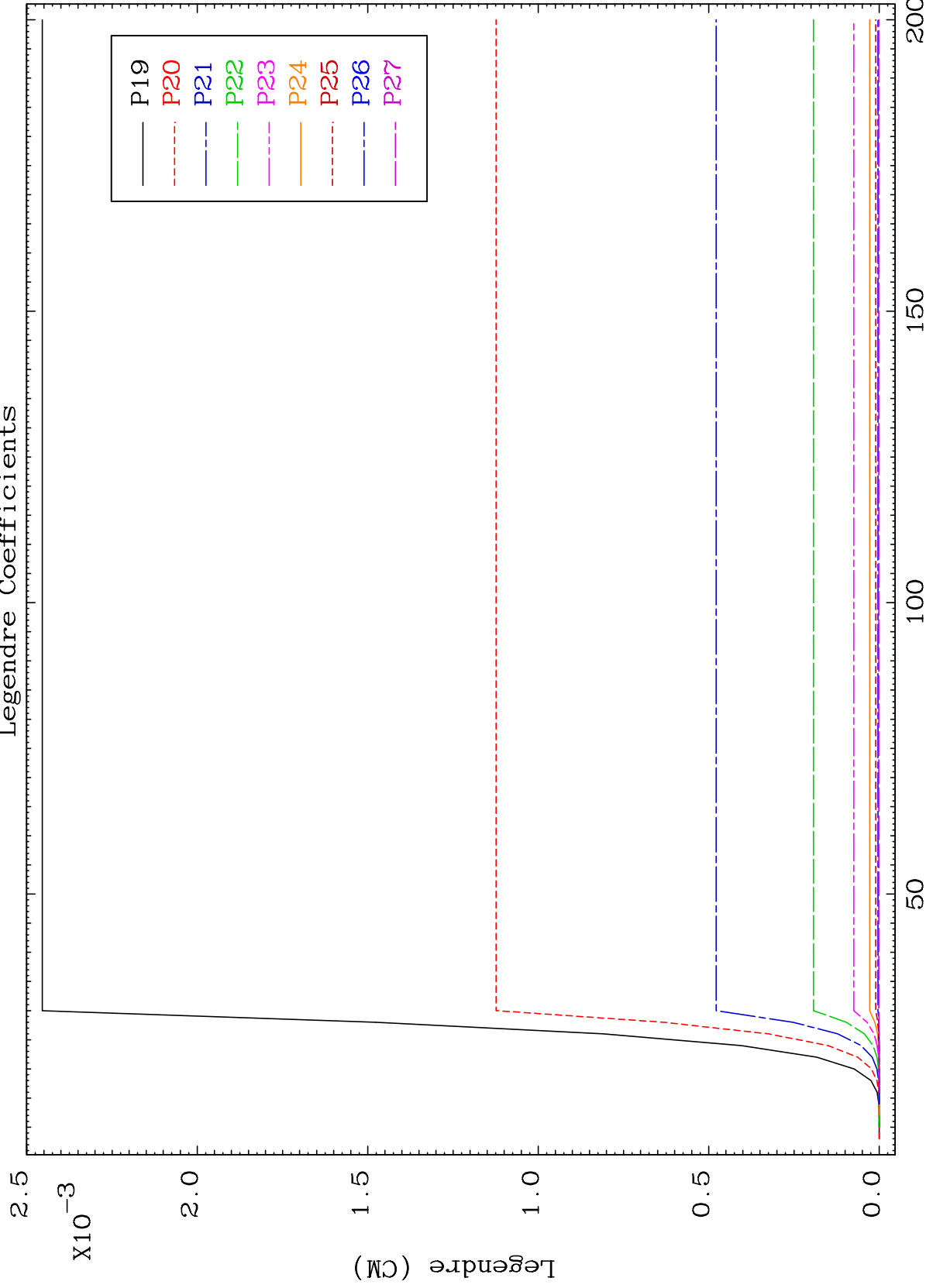
39-Y -83



96

Incident Energy (MeV)

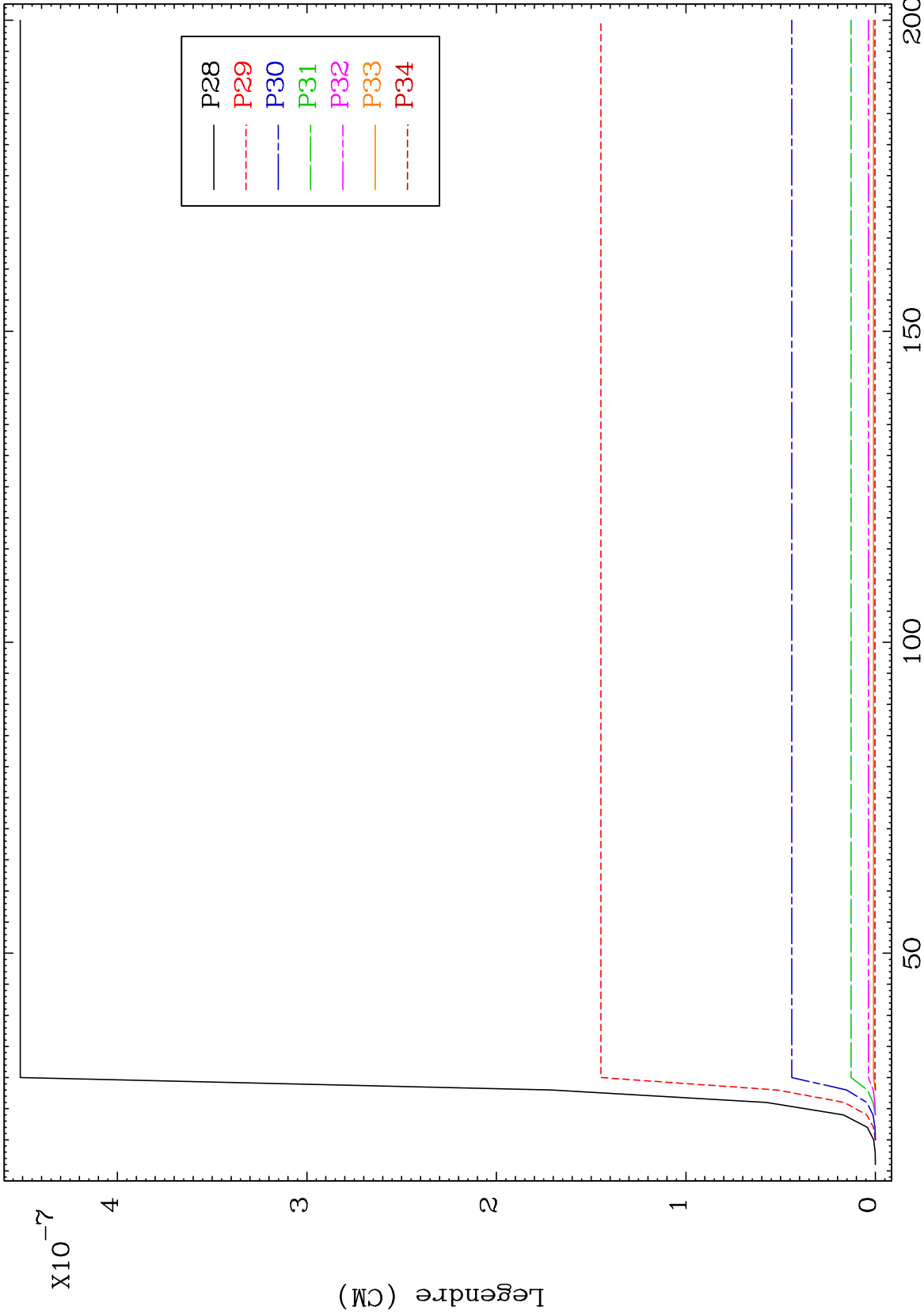
39-Y -83



MAT 3907

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

39-Y -83



98

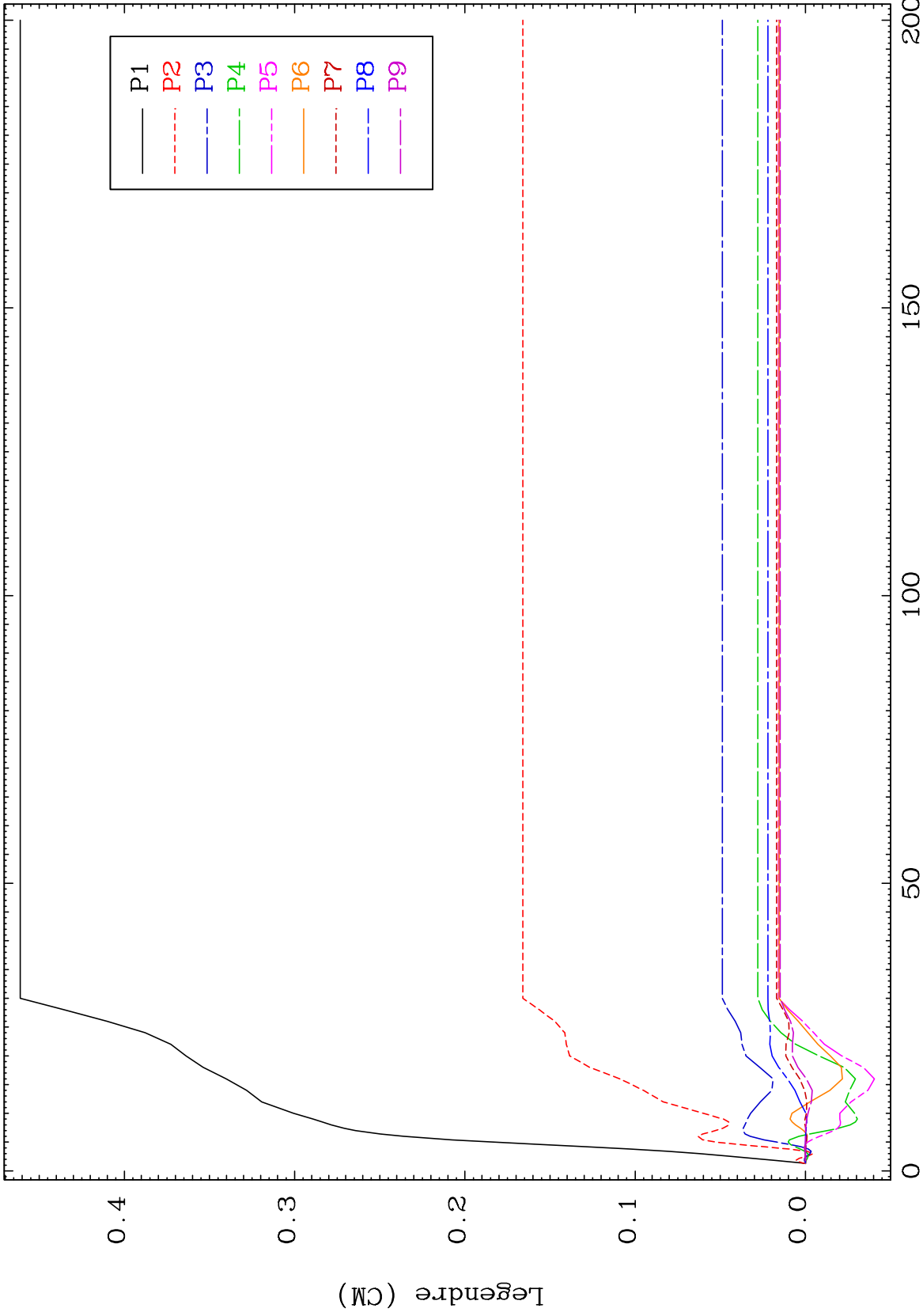
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



99

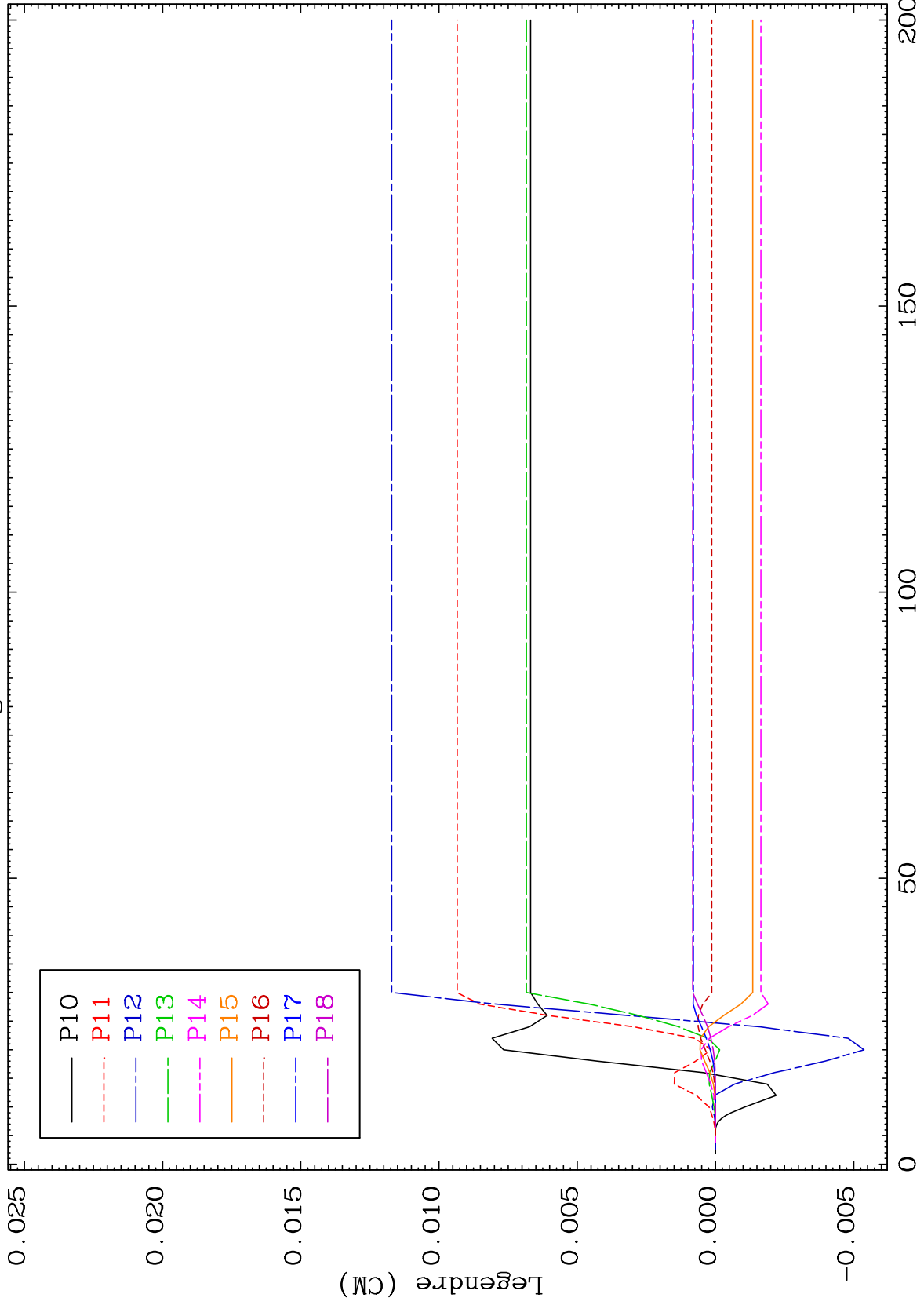
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



100

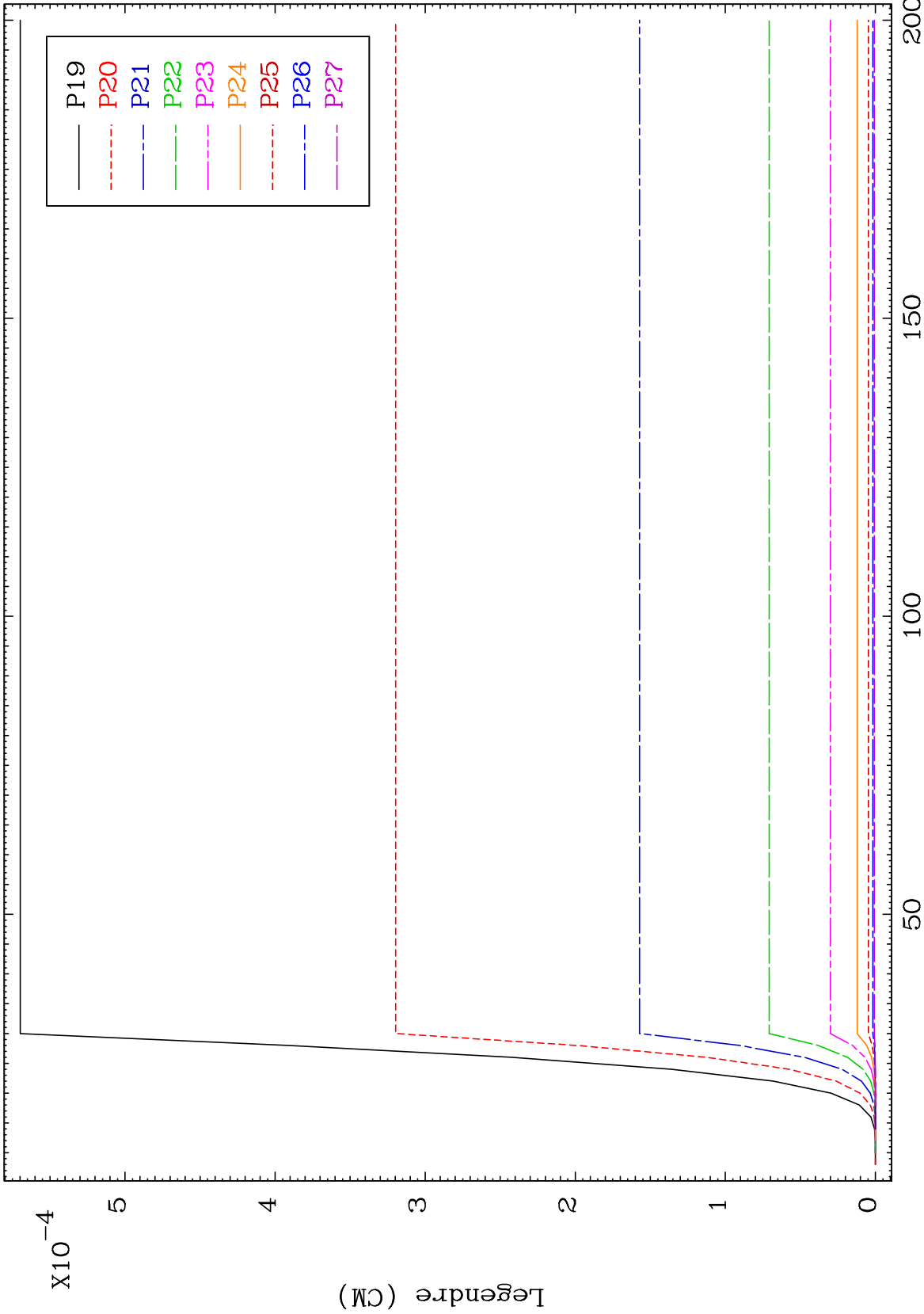
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



101

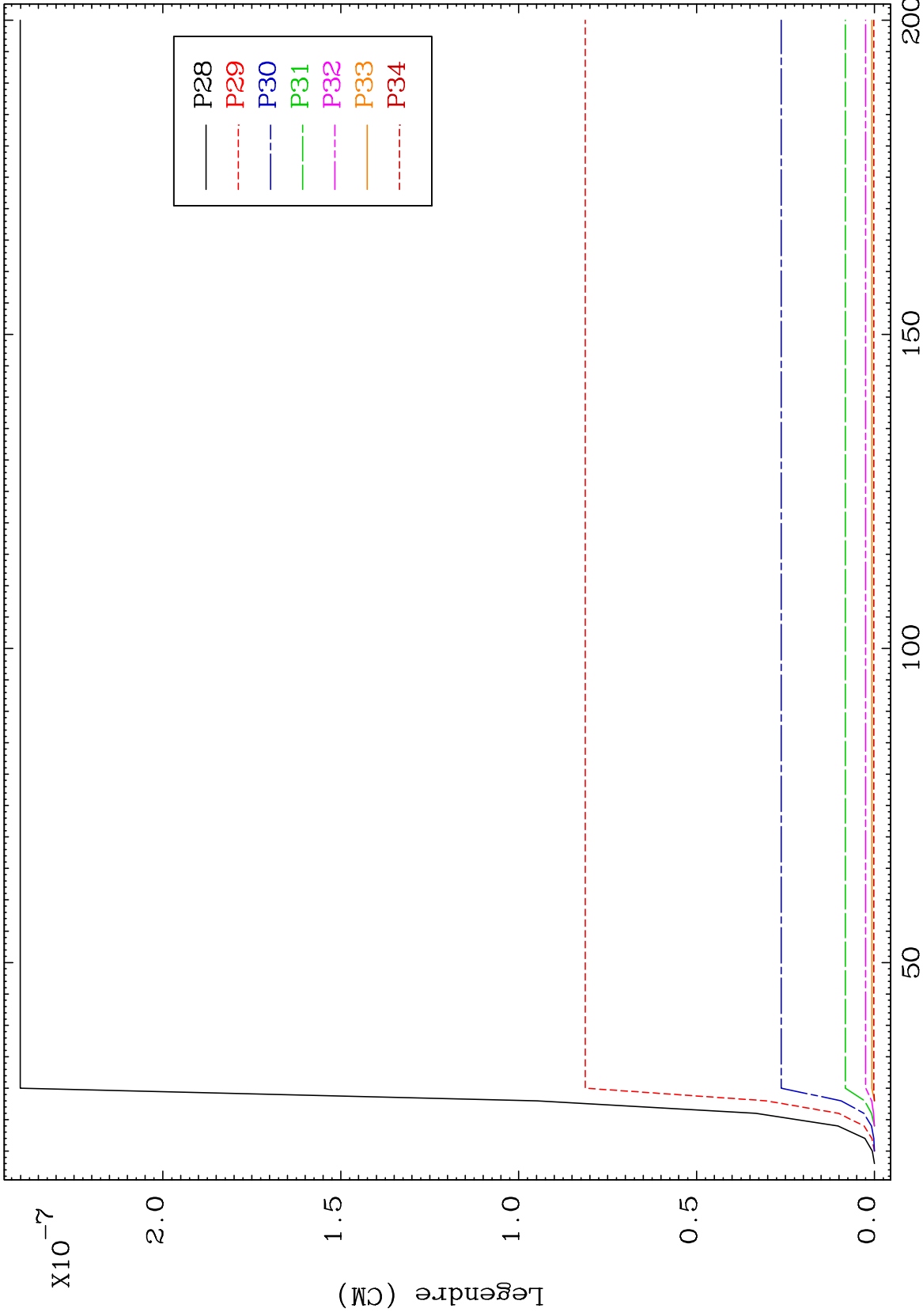
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



102

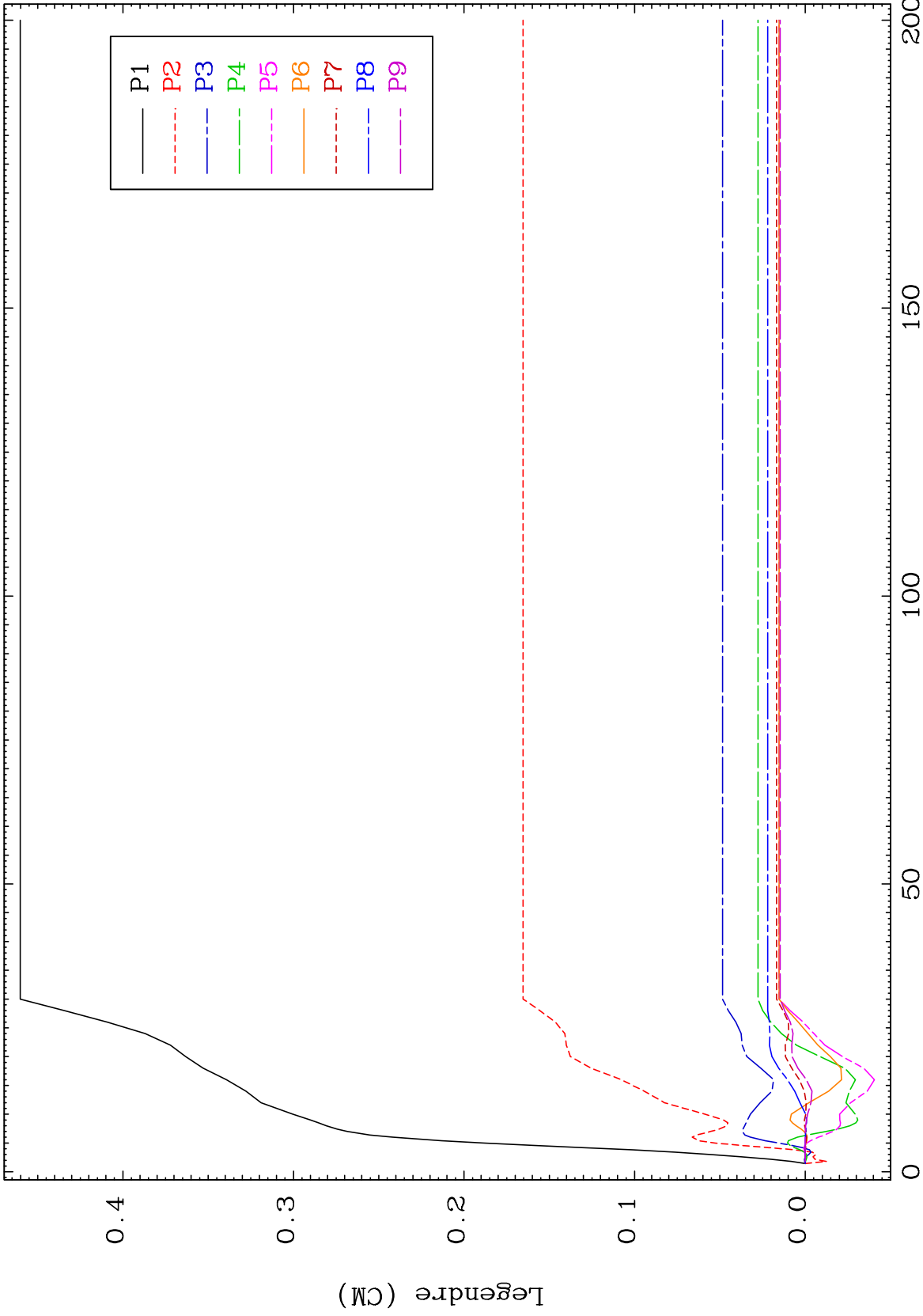
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



103

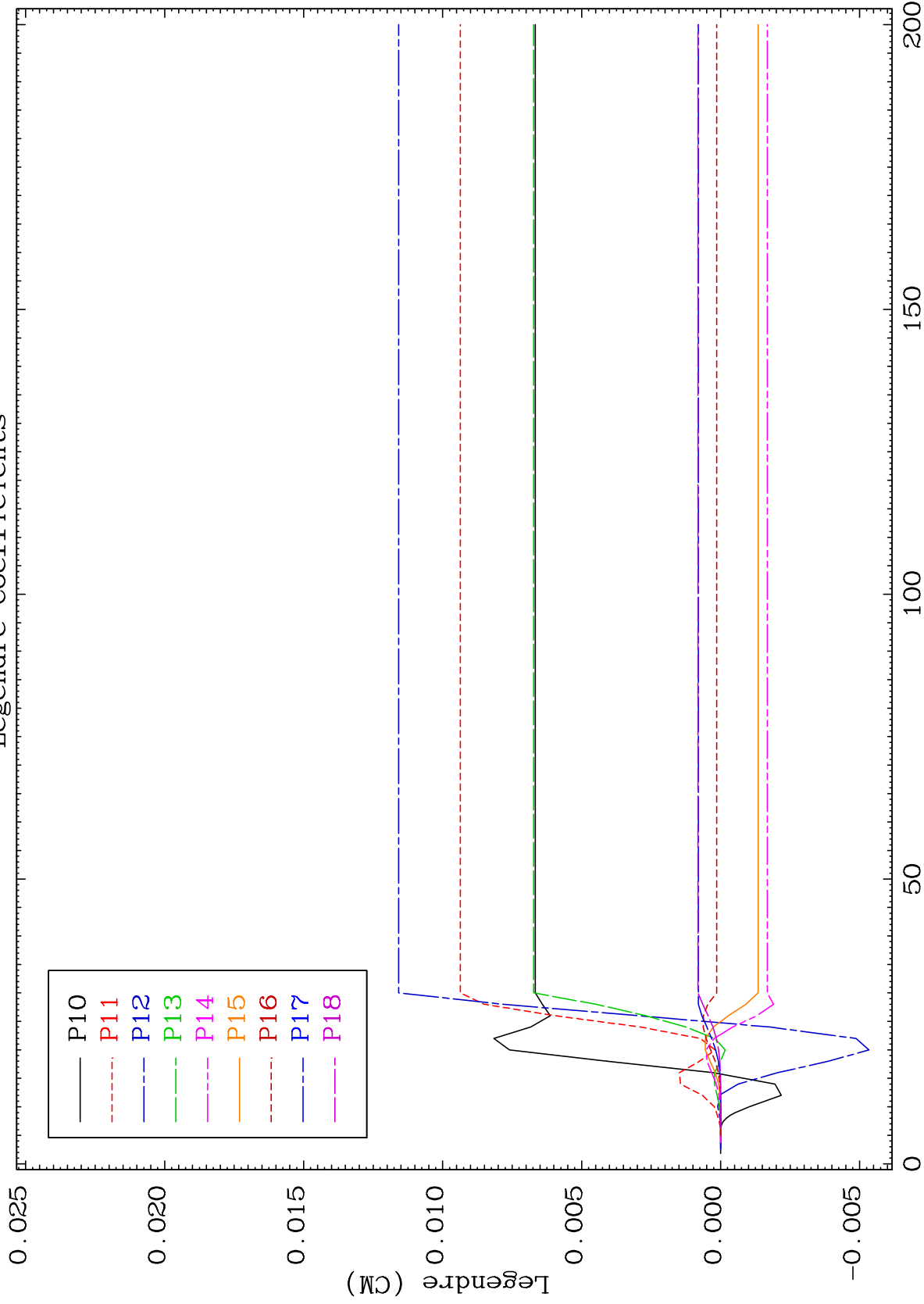
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



104

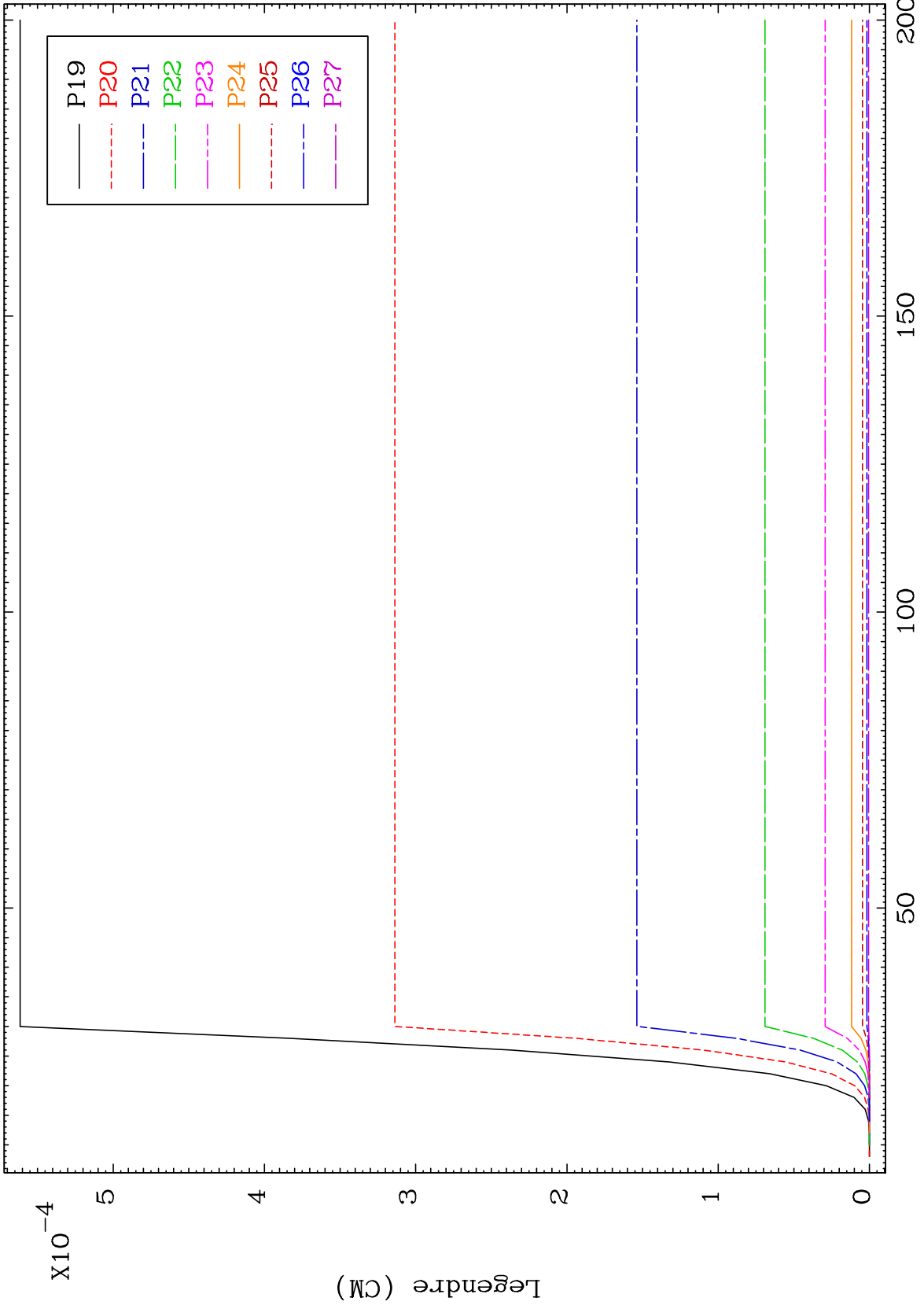
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



105

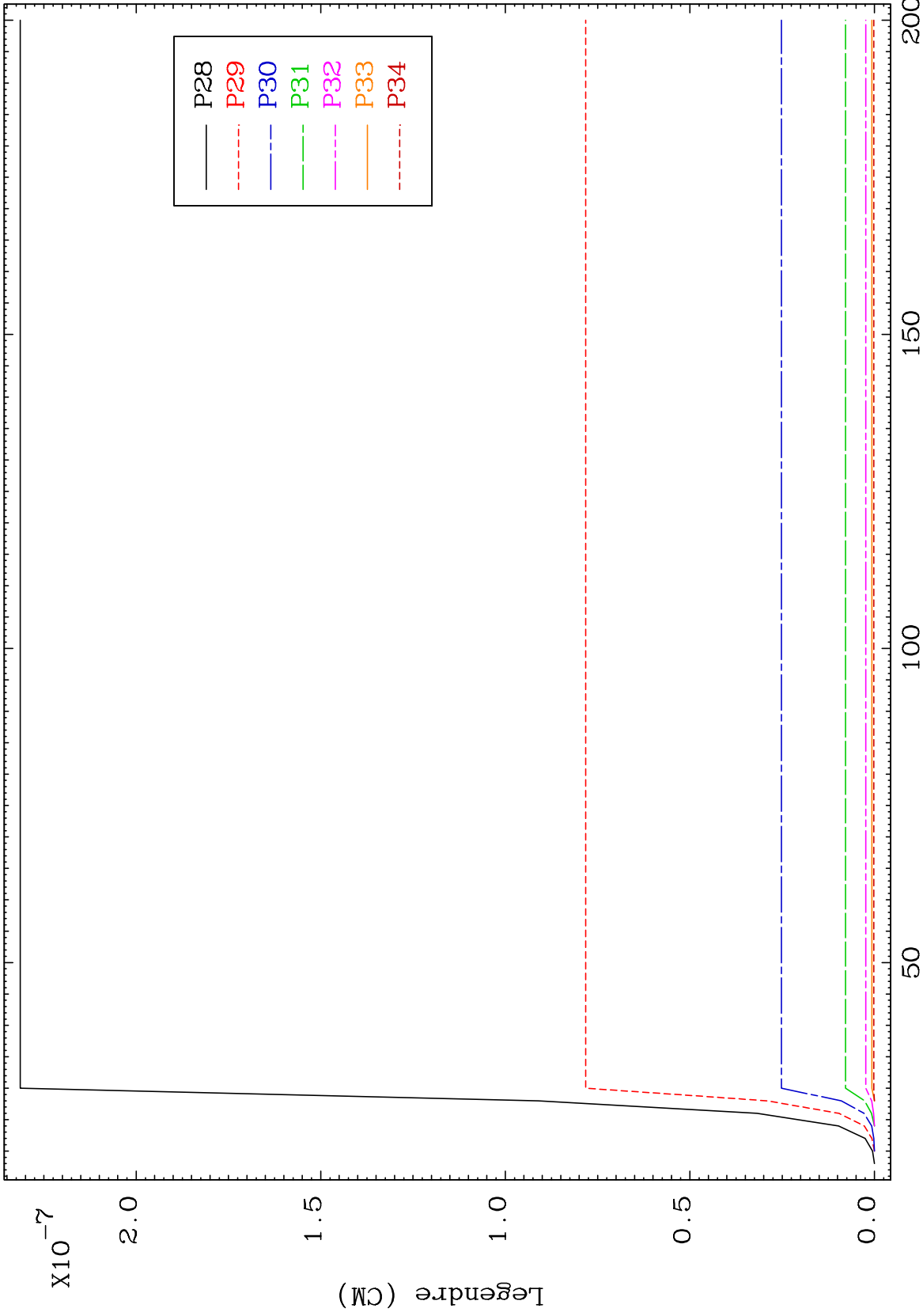
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



106

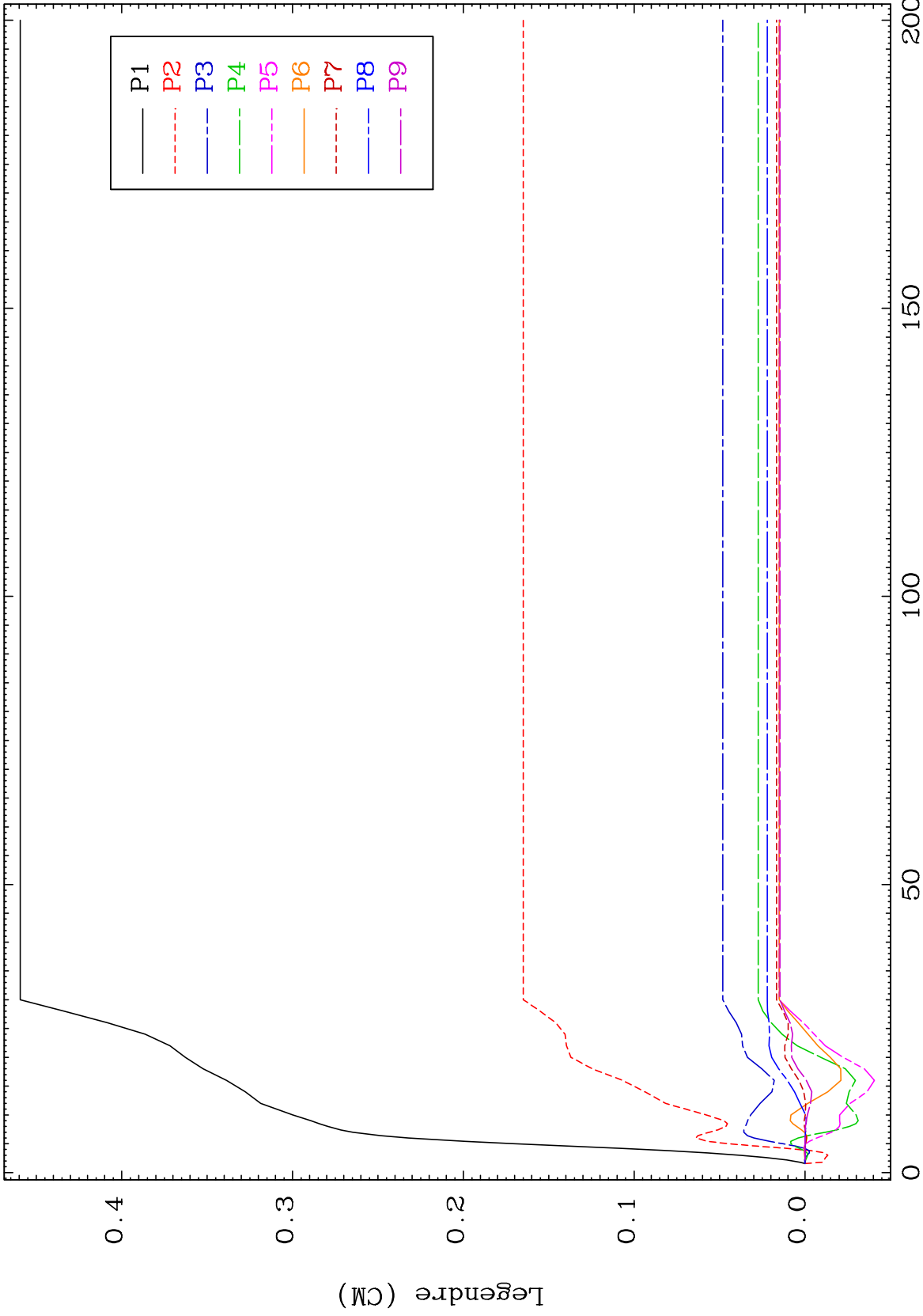
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



107

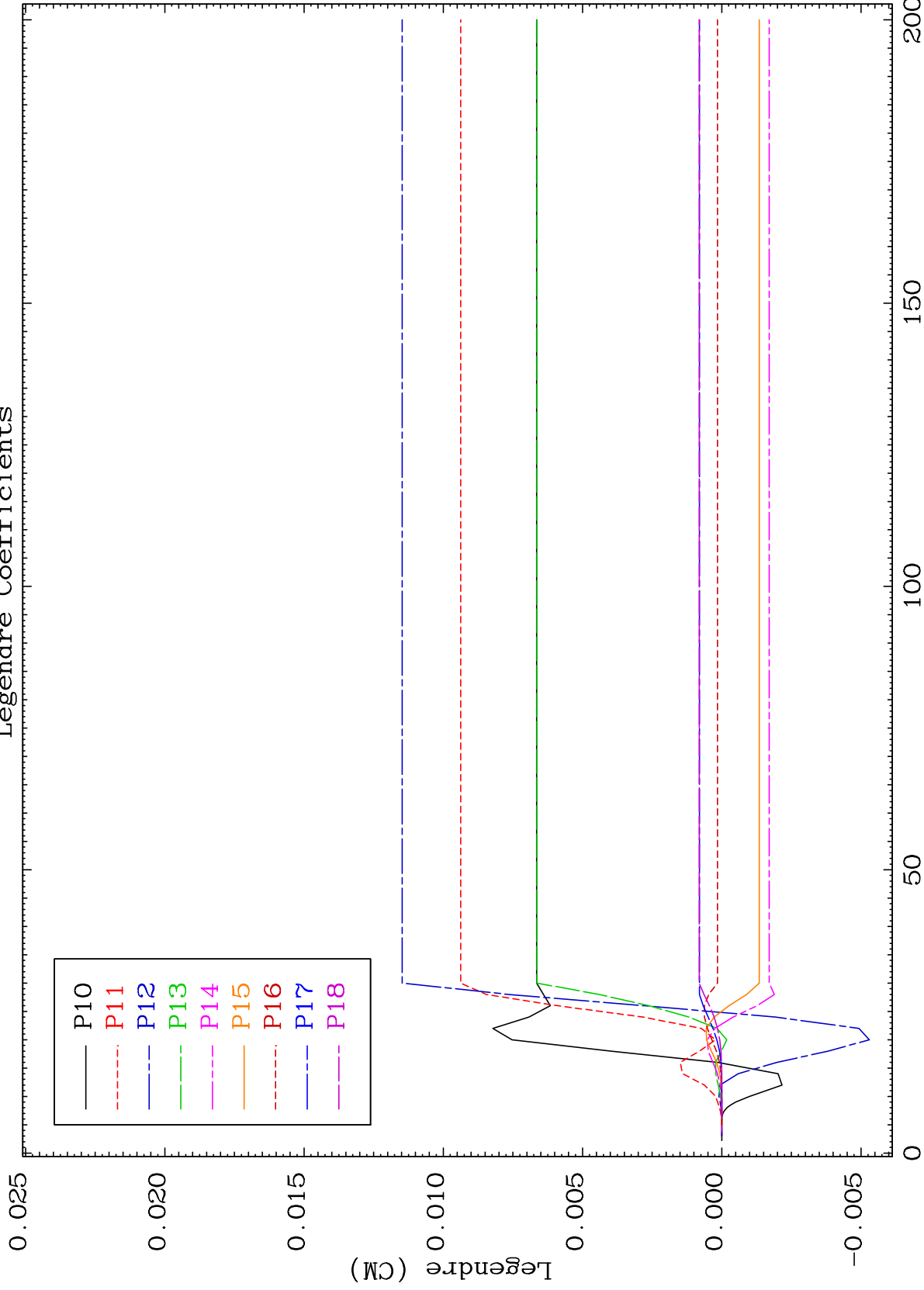
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



108

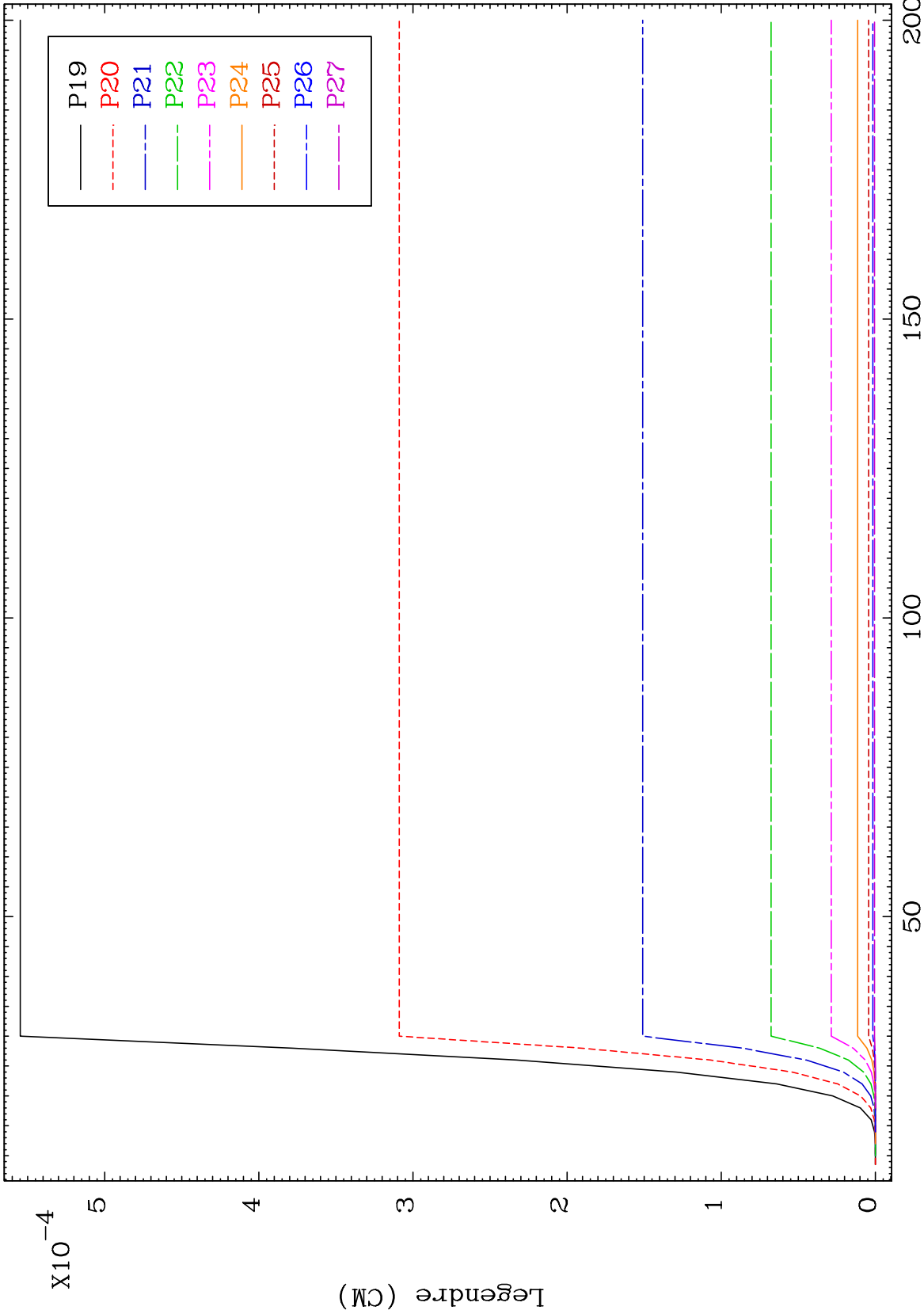
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



109

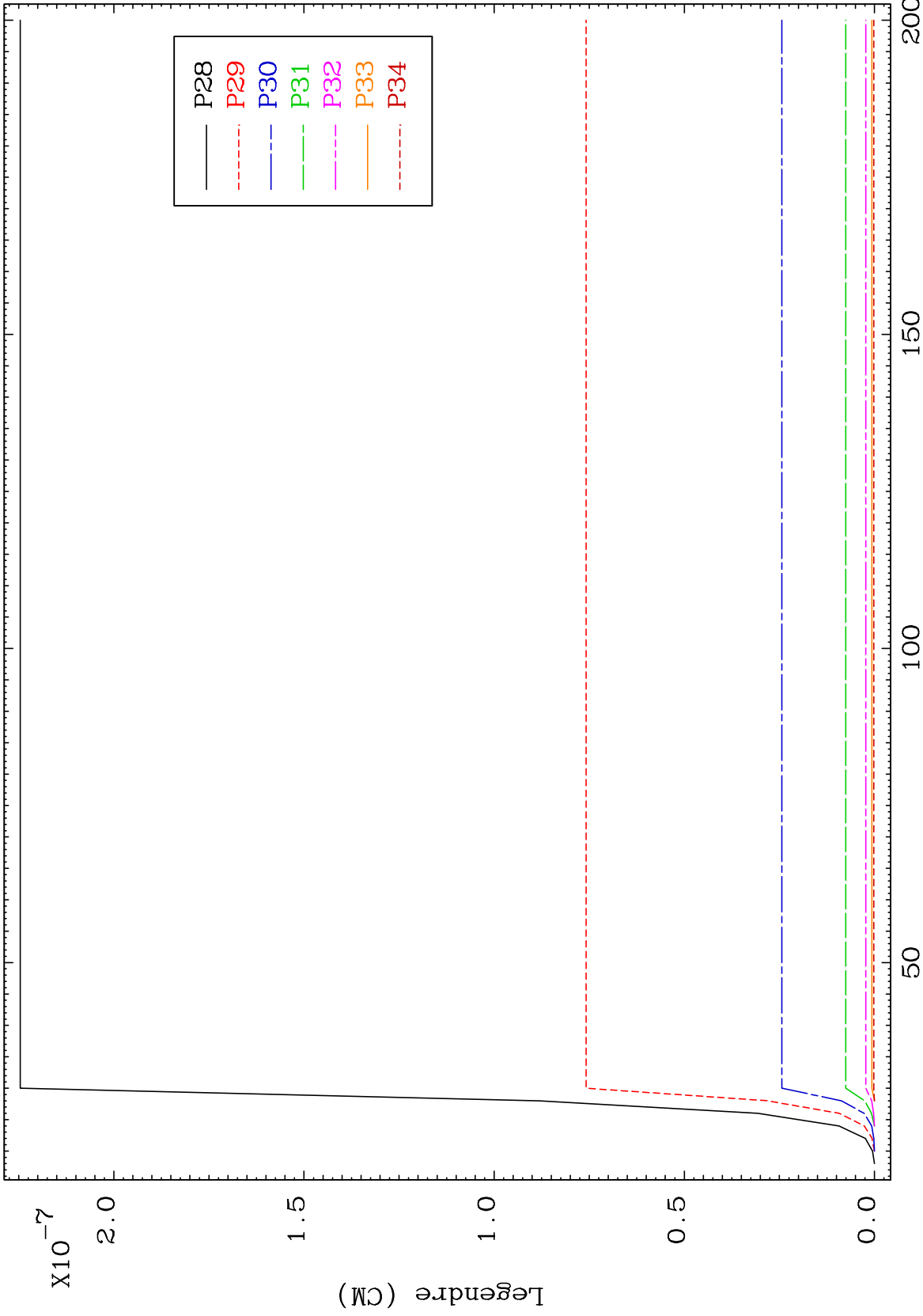
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



110

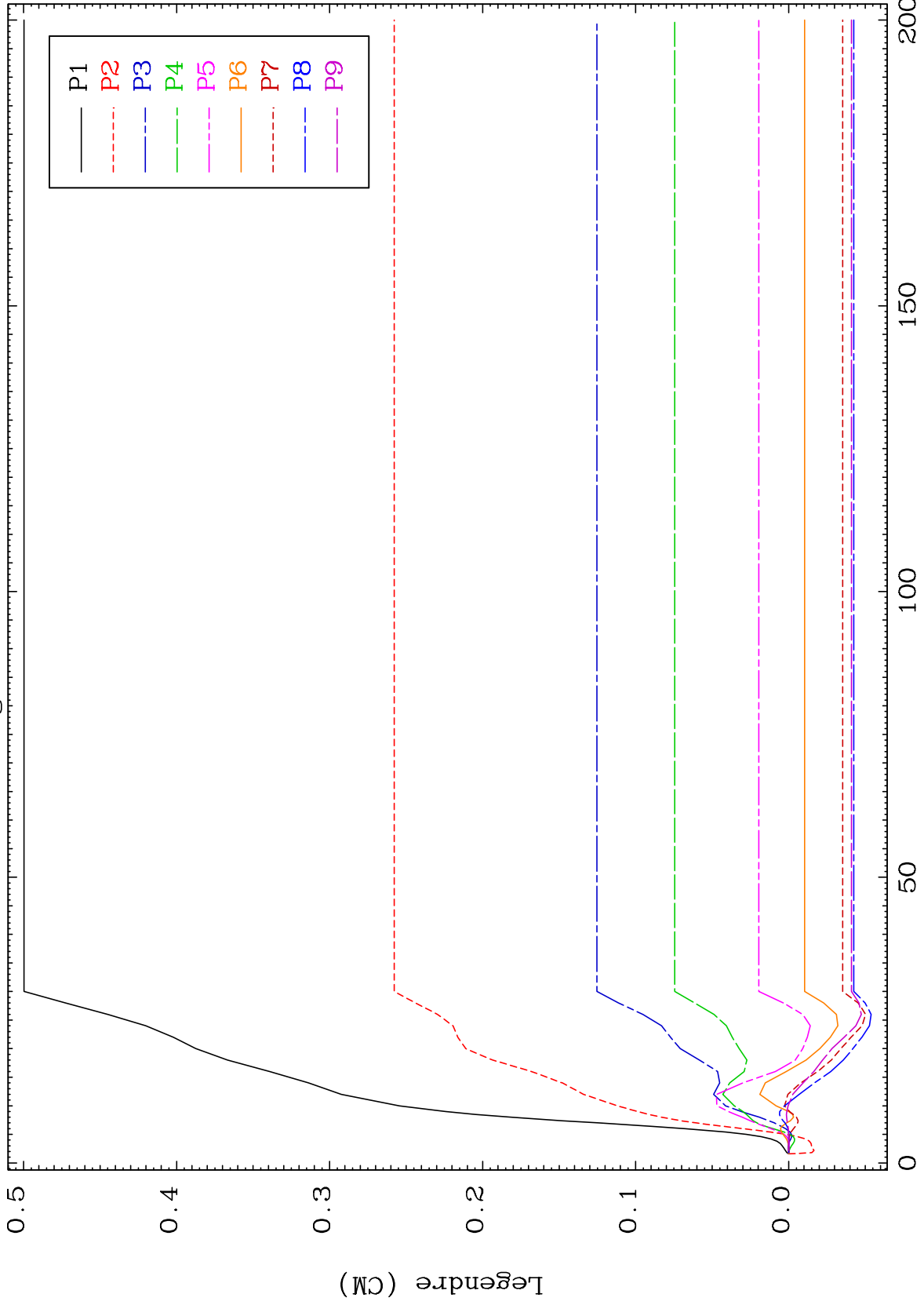
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



111

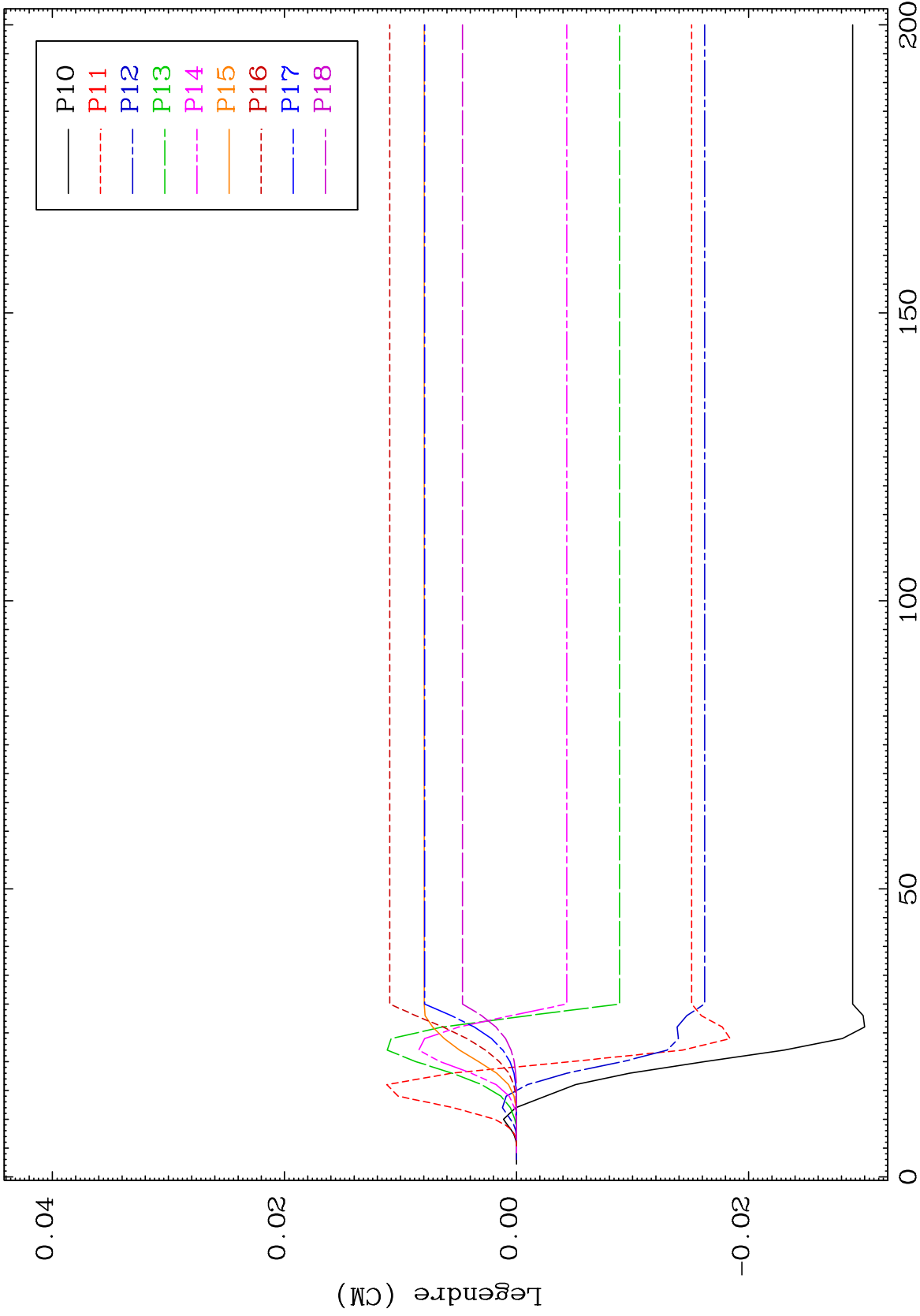
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



112

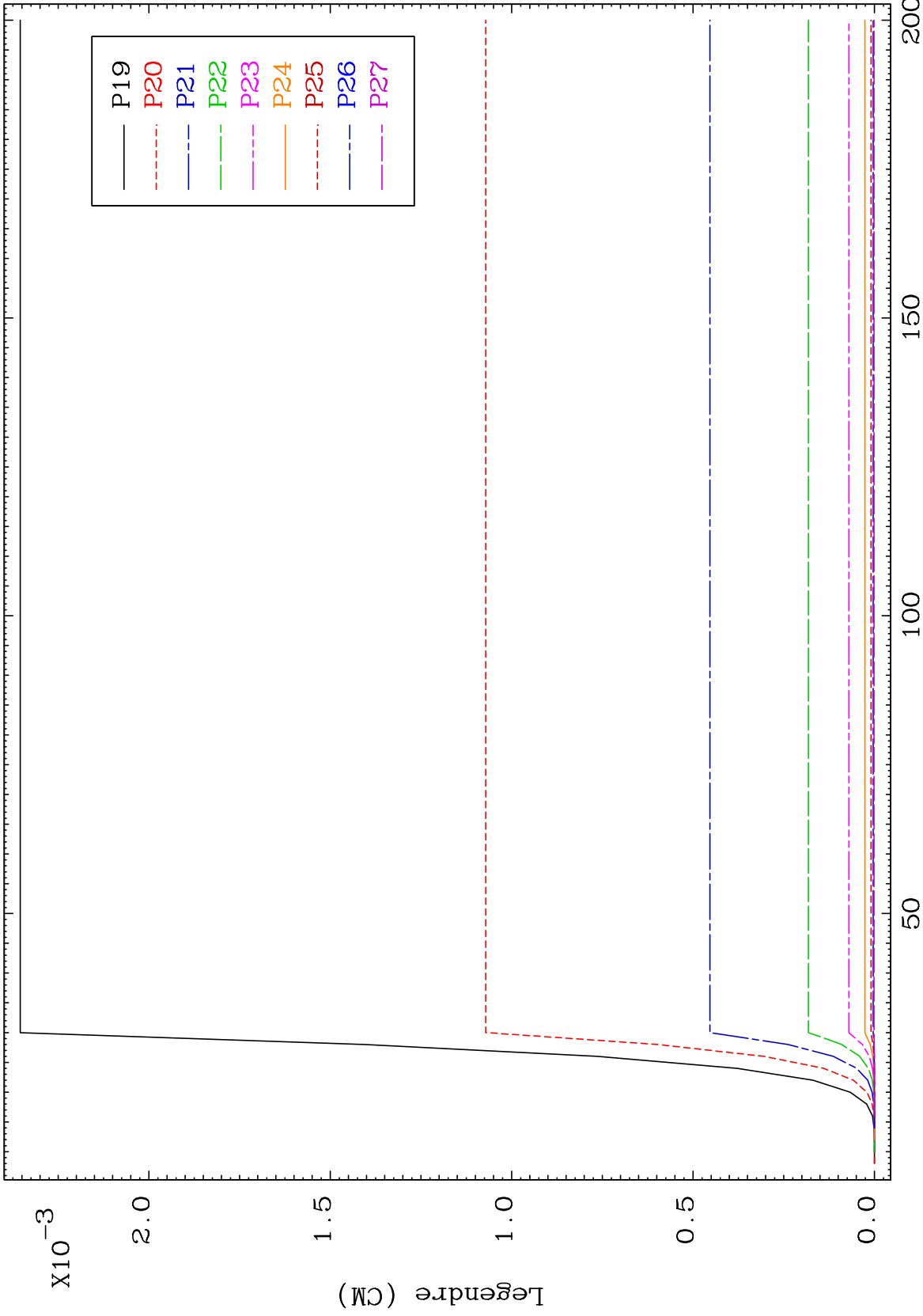
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



113

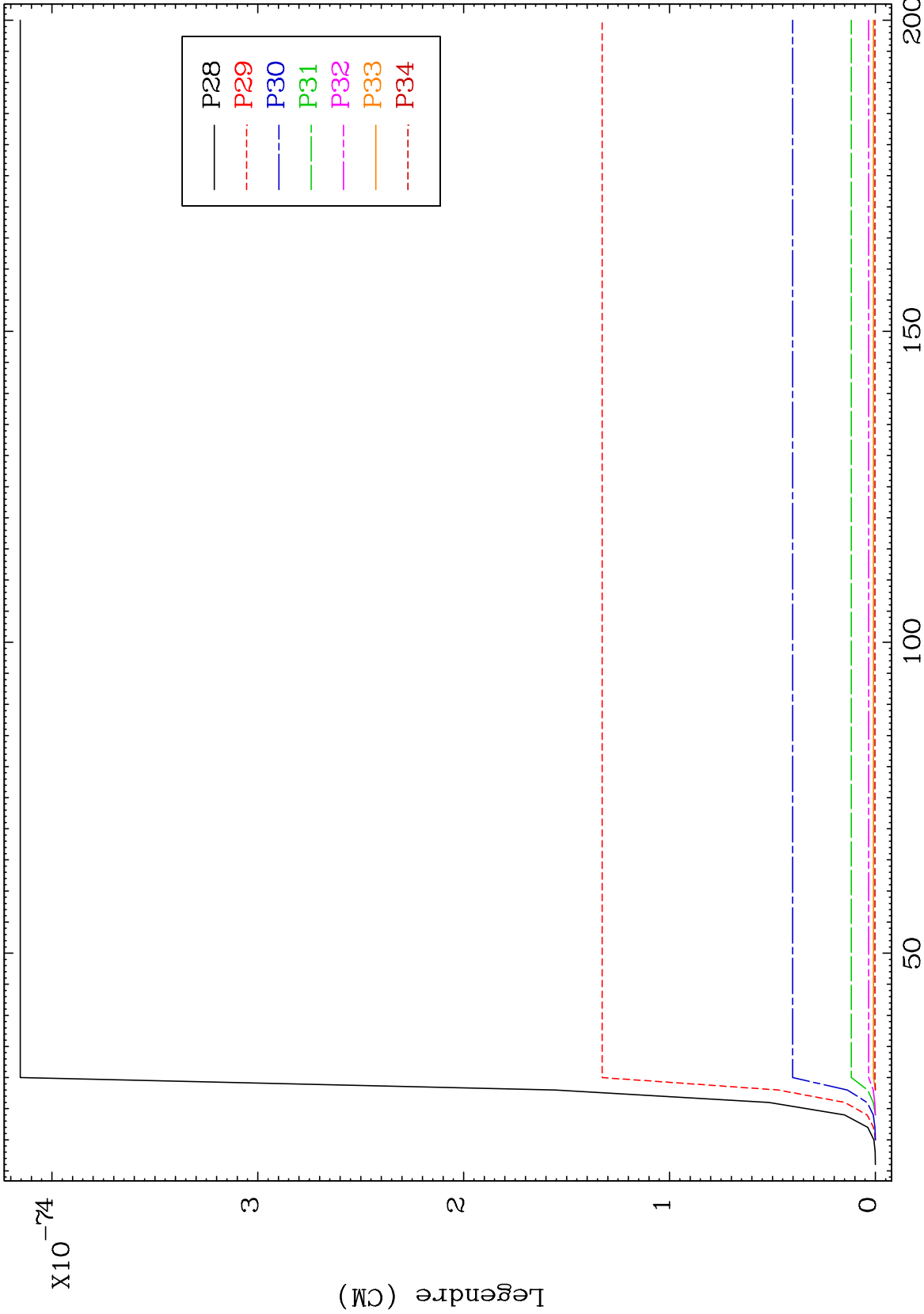
Incident Energy (MeV)

39-Y -83

MAT 3907

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

39-Y -83



114

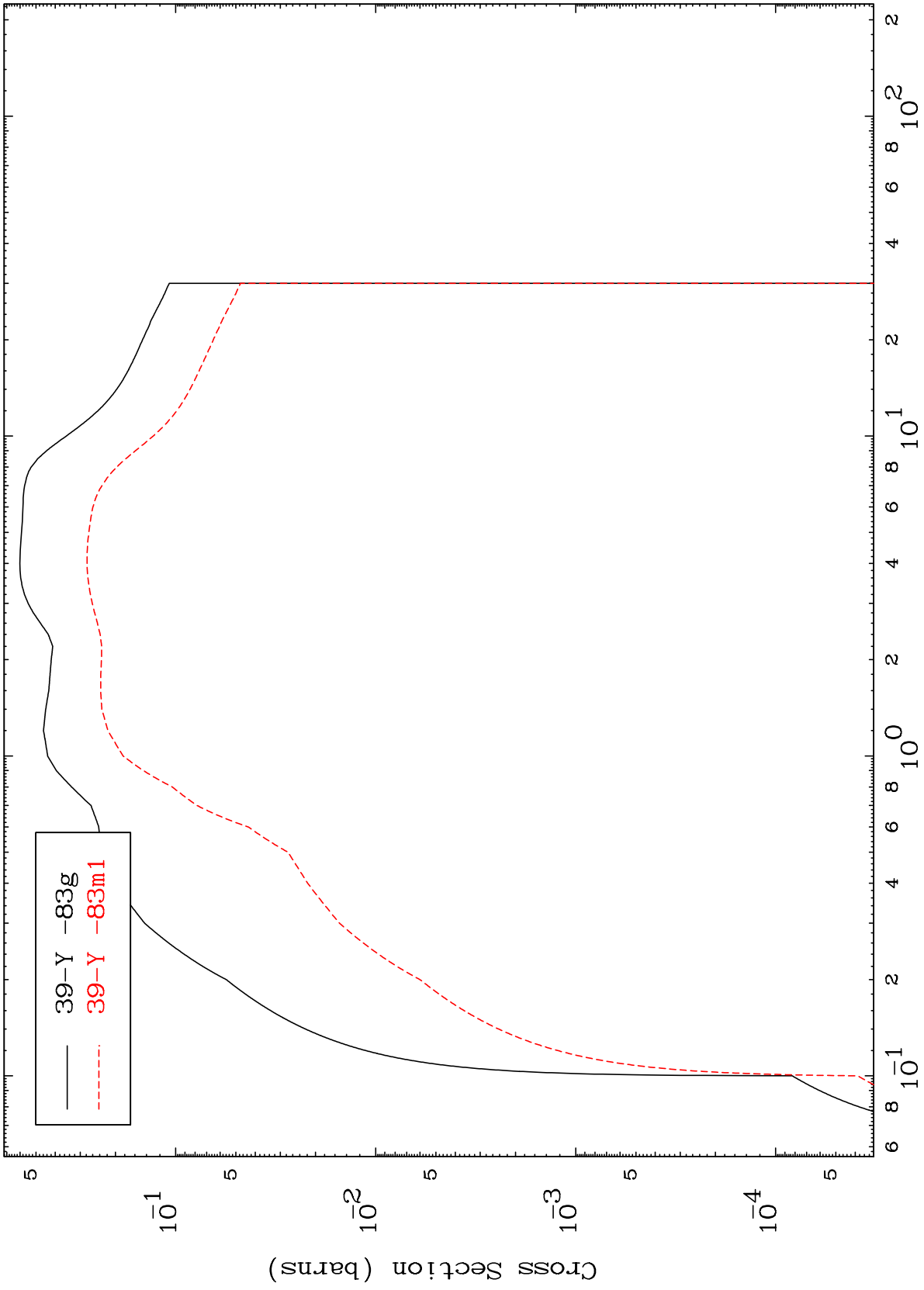
Incident Energy (MeV)

39-Y -83

MAT 3907

39-Y -83

Inelastic Radionuclide Production Cross Section



— 39-Y -83g
- - - 39-Y -83m1

39-Y -83

Incident Energy (MeV)

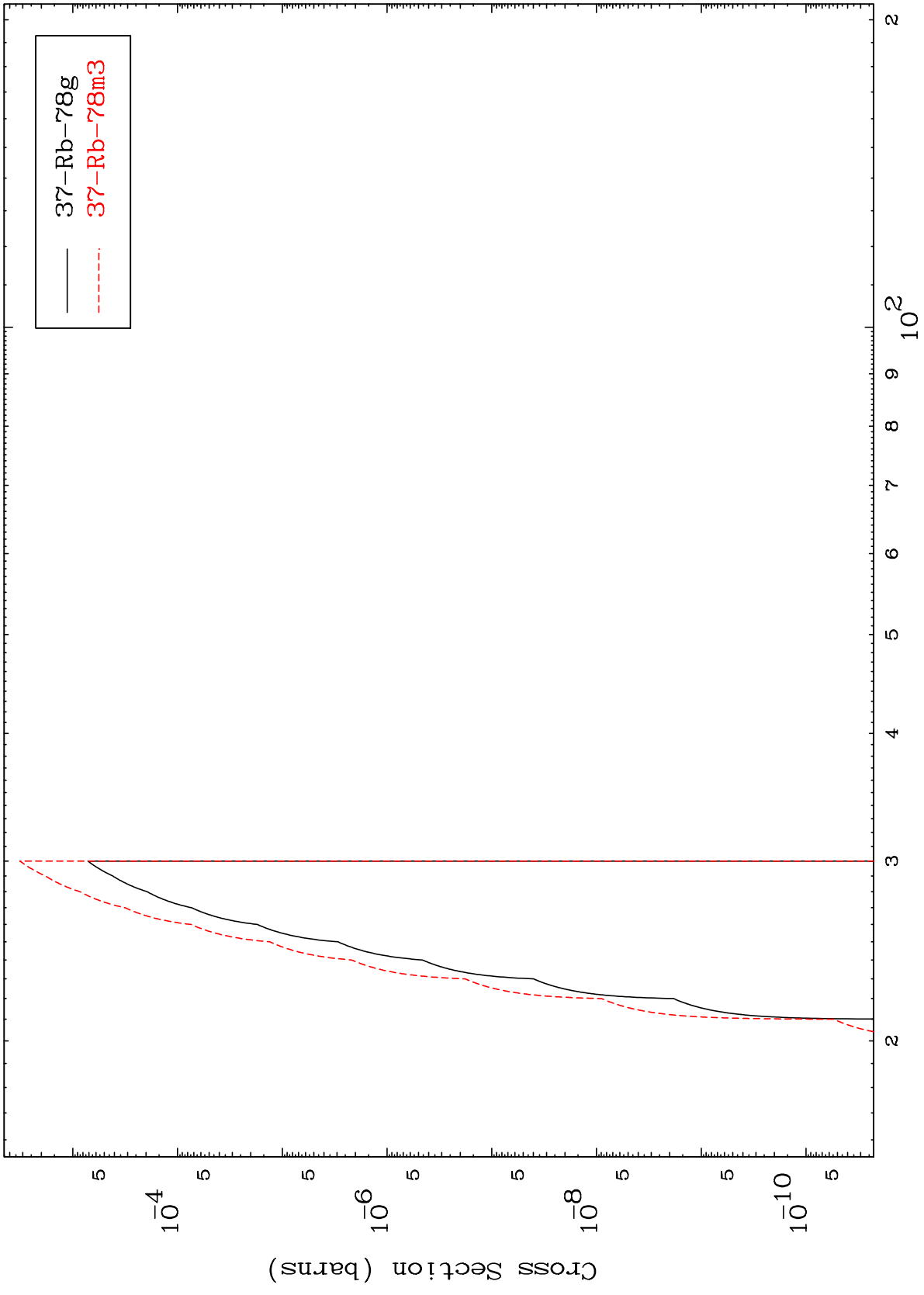
115

MAT 3907

(n,2n) α

39-Y -83

Radionuclide Production Cross Section

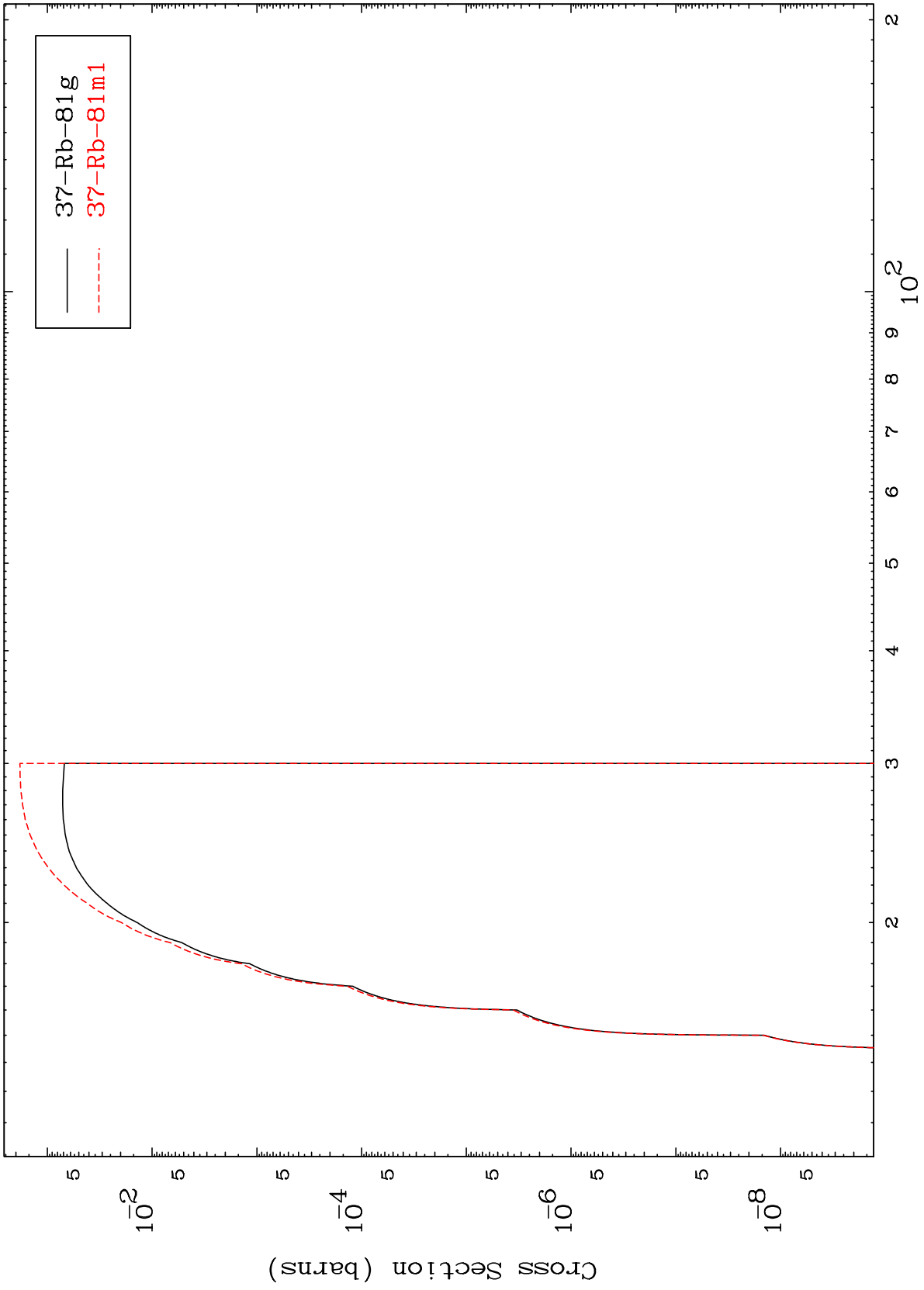


116

Incident Energy (MeV)

39-Y -83

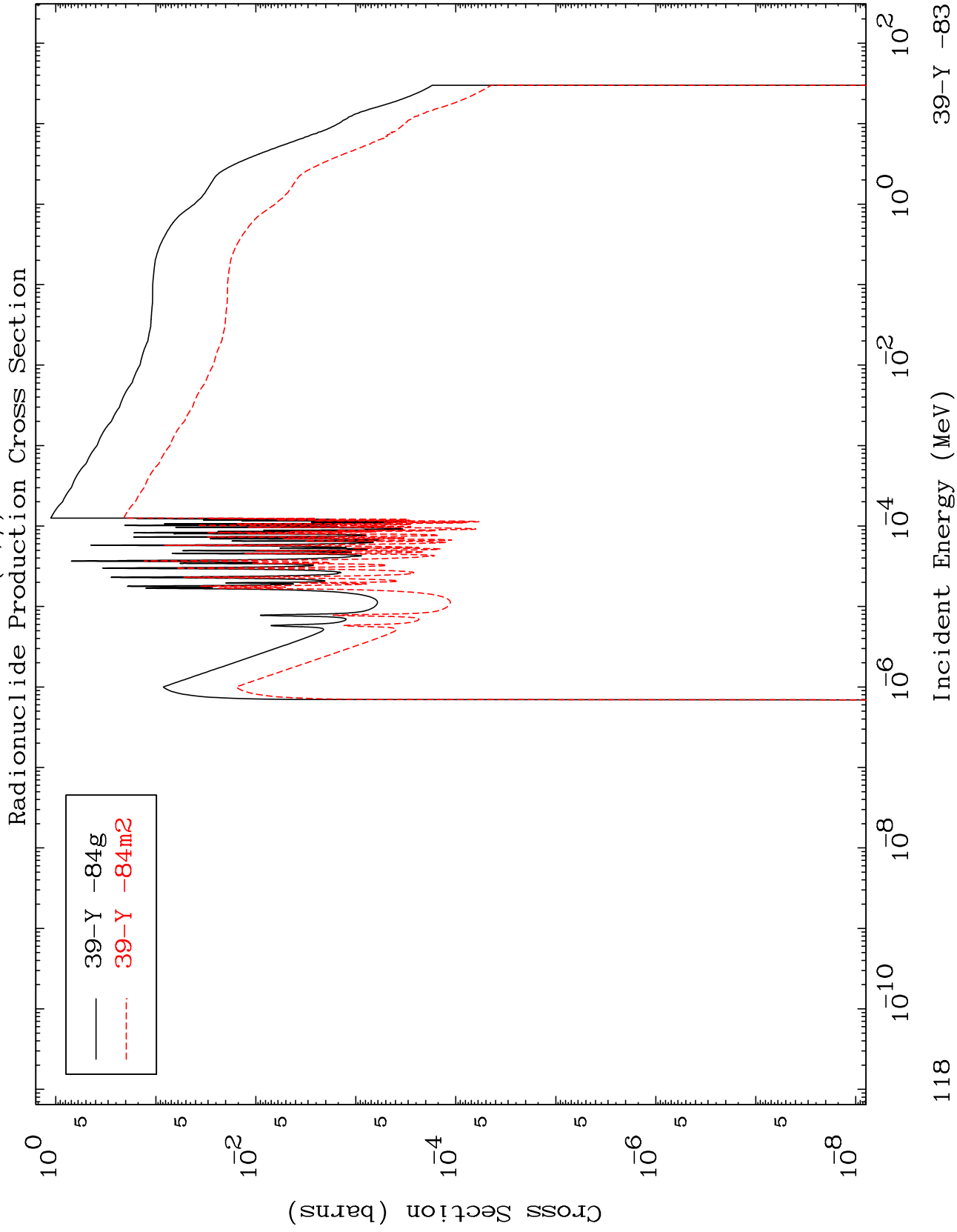
Radionuclide Production Cross Section



37-Rb-81g
37-Rb-81m1

MAT 3907

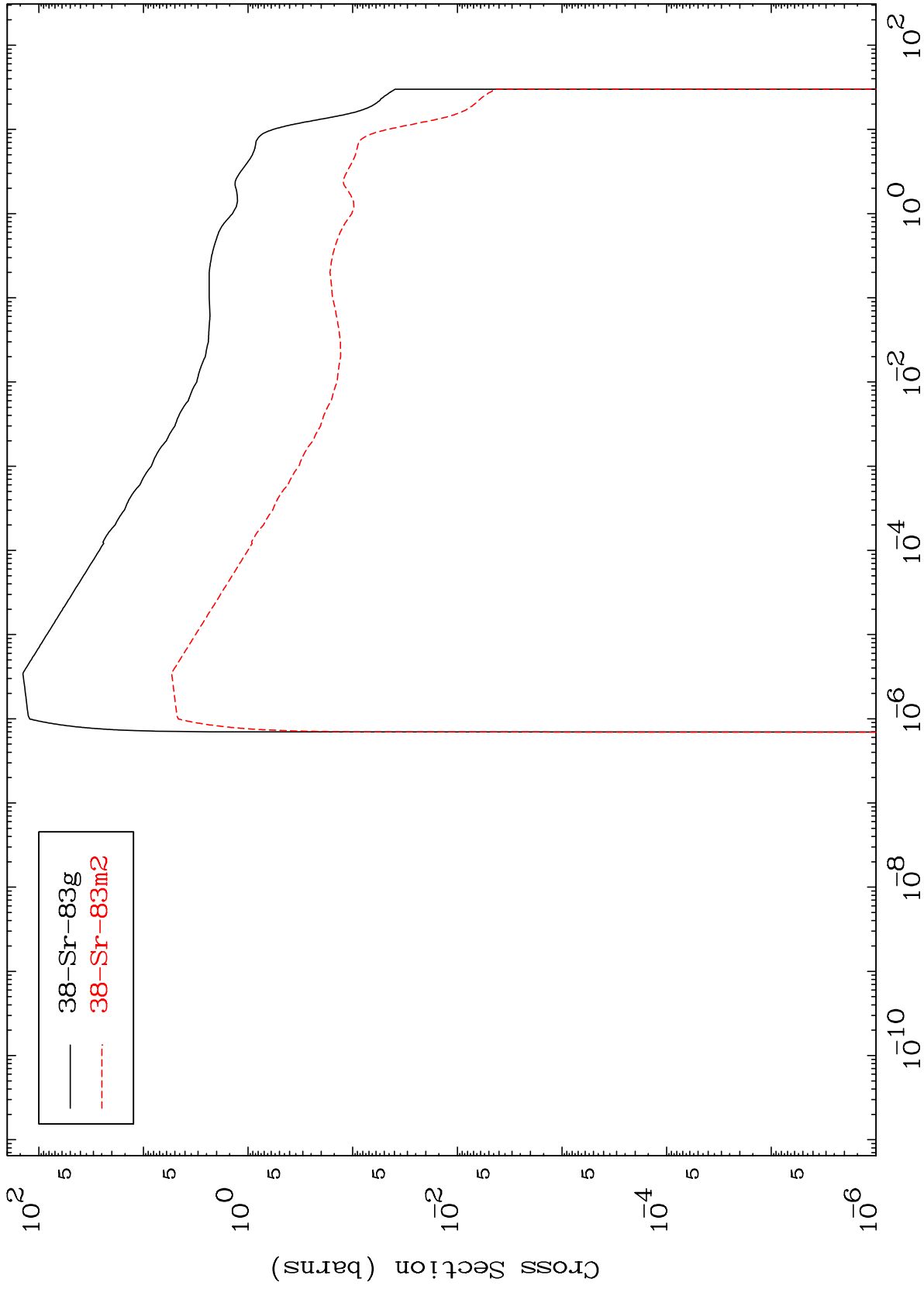
39-Y -83



MAT 3907

39-Y -83

Radionuclide Production Cross Section (n,p)



119

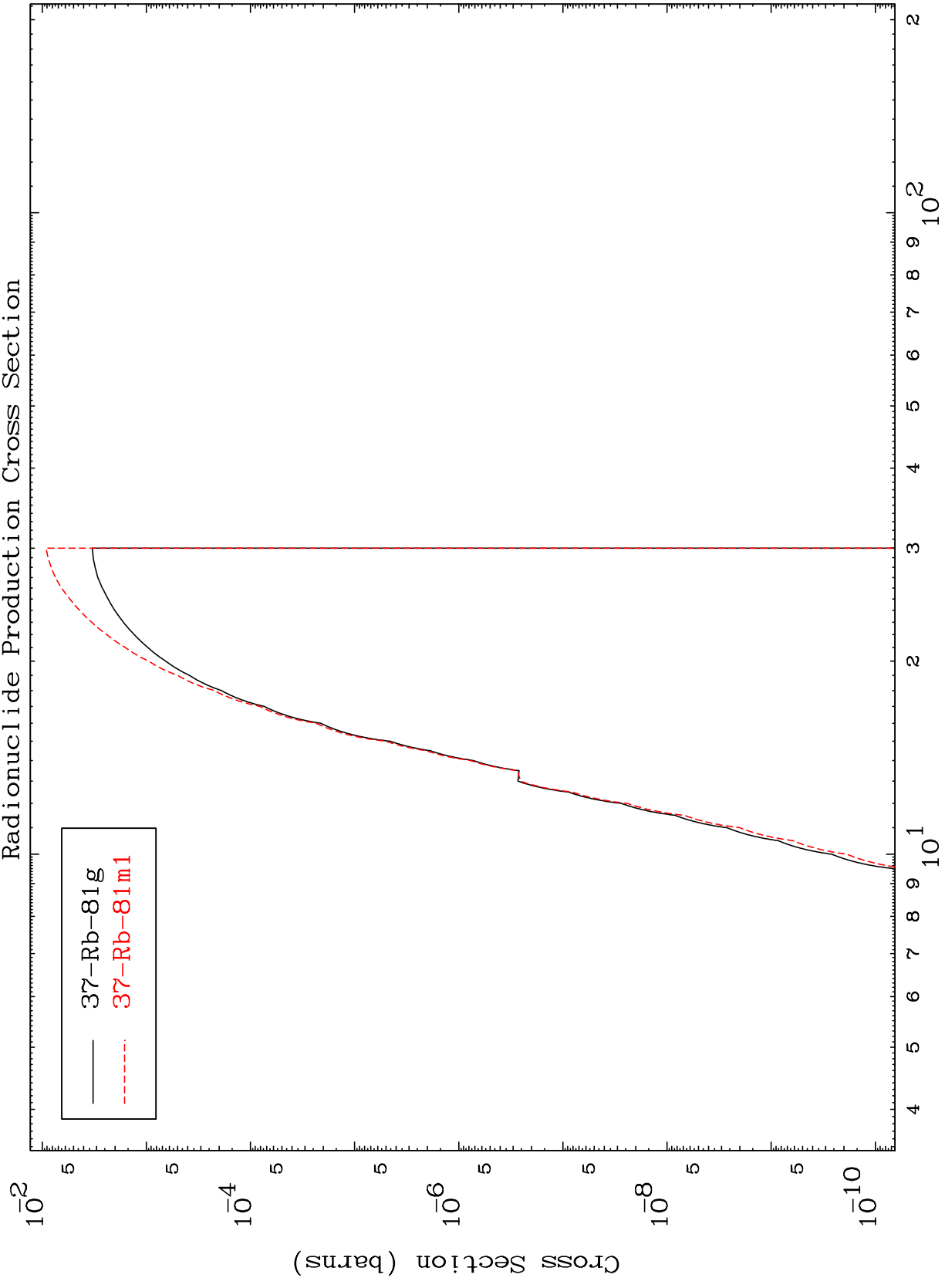
39-Y -83

MAT 3907

(n,He-3)

39-Y -83

Radionuclide Production Cross Section



37-Rb-81g
37-Rb-81m1

120

Incident Energy (MeV)

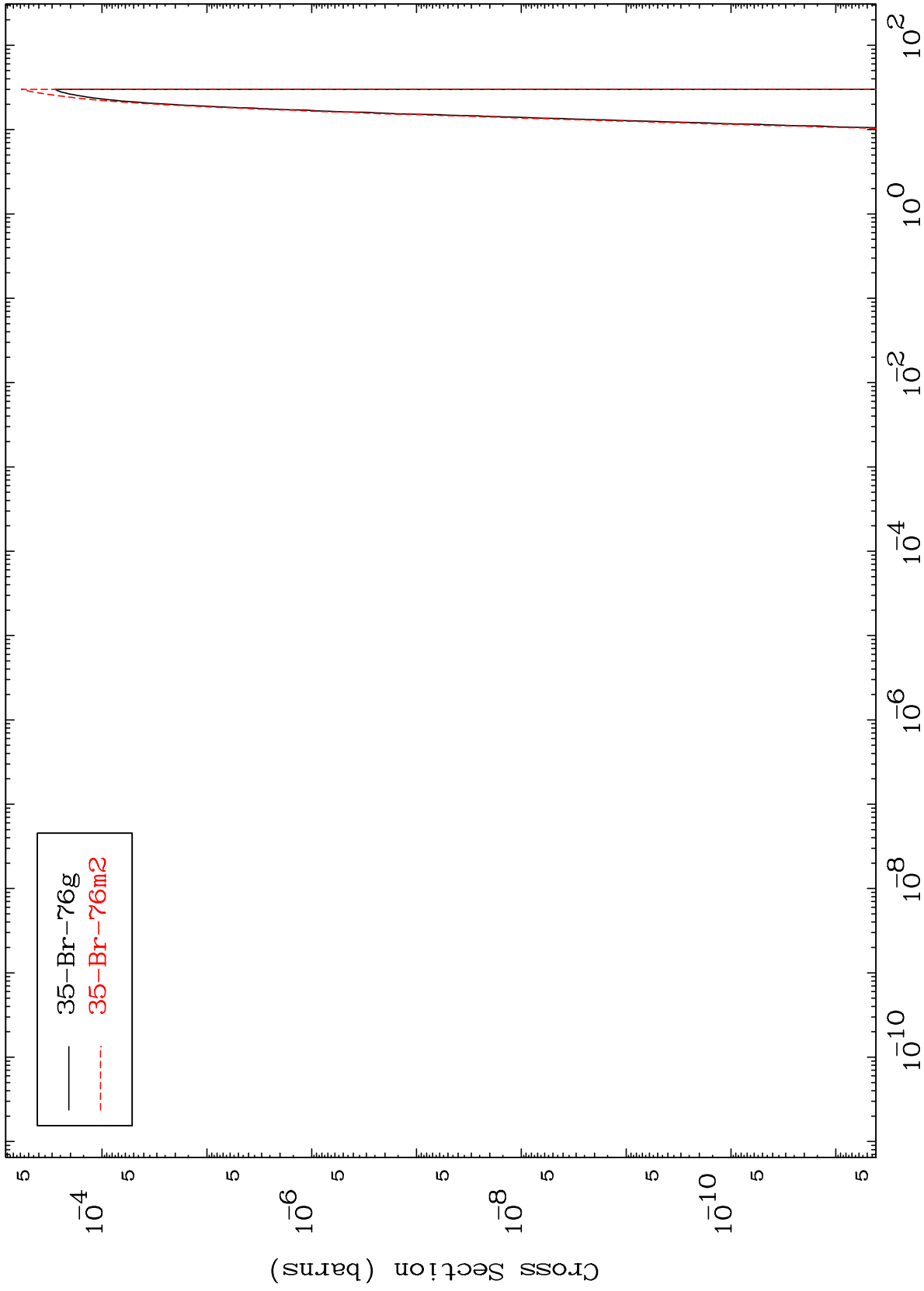
39-Y -83

MAT 3907

(n,2α)

39-Y -83

Radionuclide Production Cross Section



— 35-Br-76g
- - - 35-Br-76m2

121

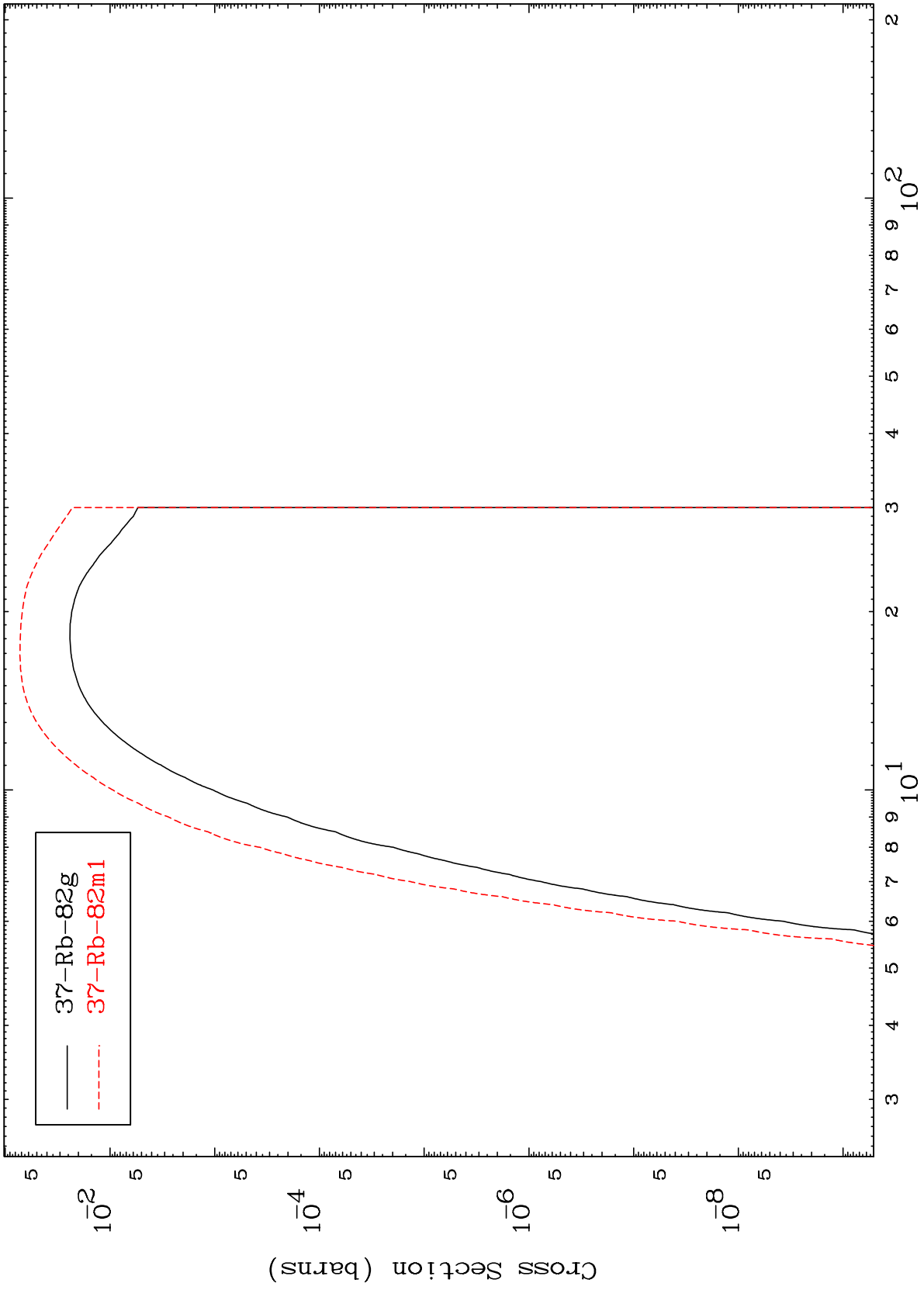
Incident Energy (MeV)

39-Y -83

MAT 3907

39-Y -83

Radionuclide Production Cross Section
(n,2p)



122

Incident Energy (MeV)

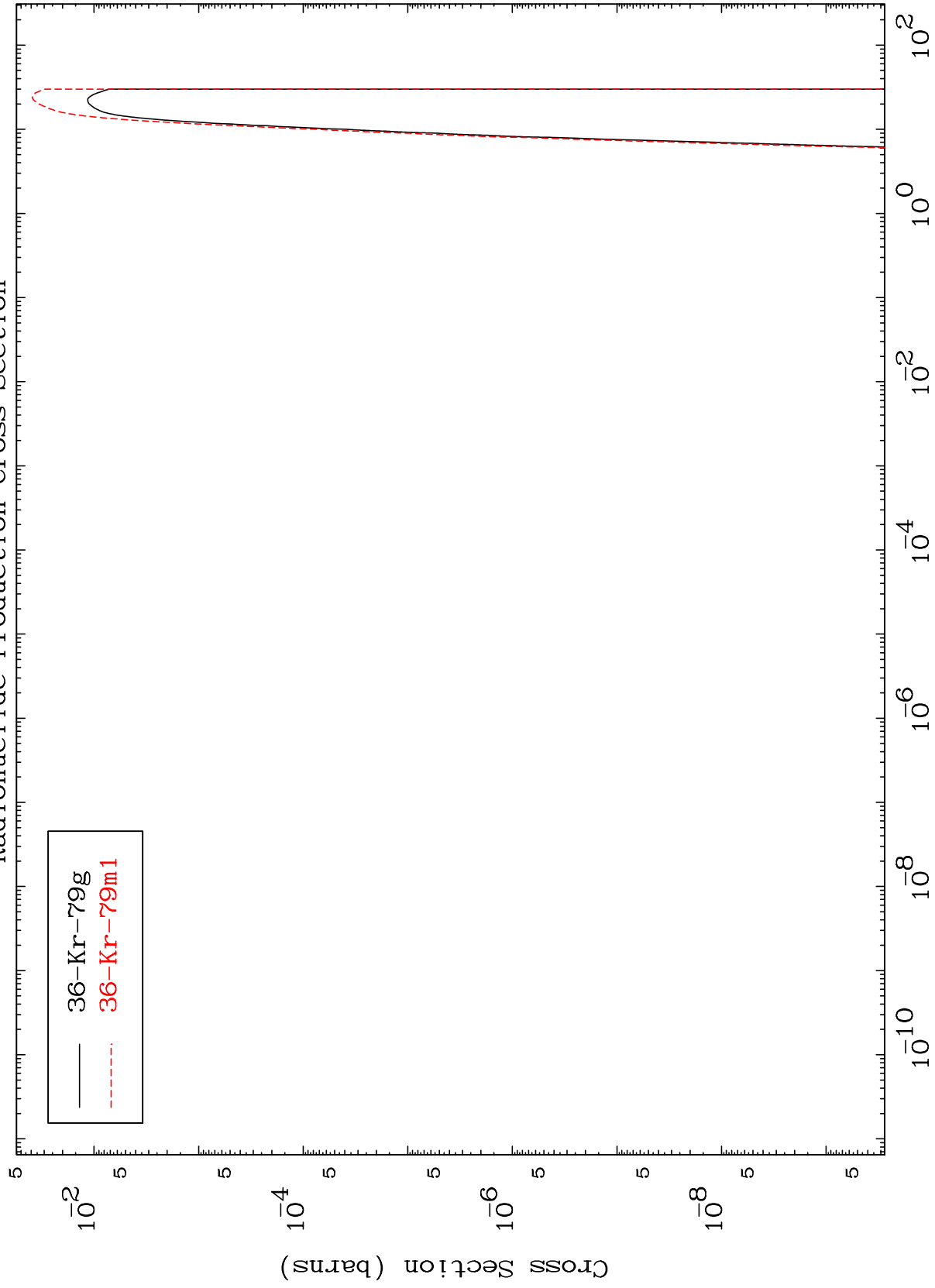
39-Y -83

MAT 3907

(n,p) α

39-Y -83

Radionuclide Production Cross Section



123

Incident Energy (MeV)

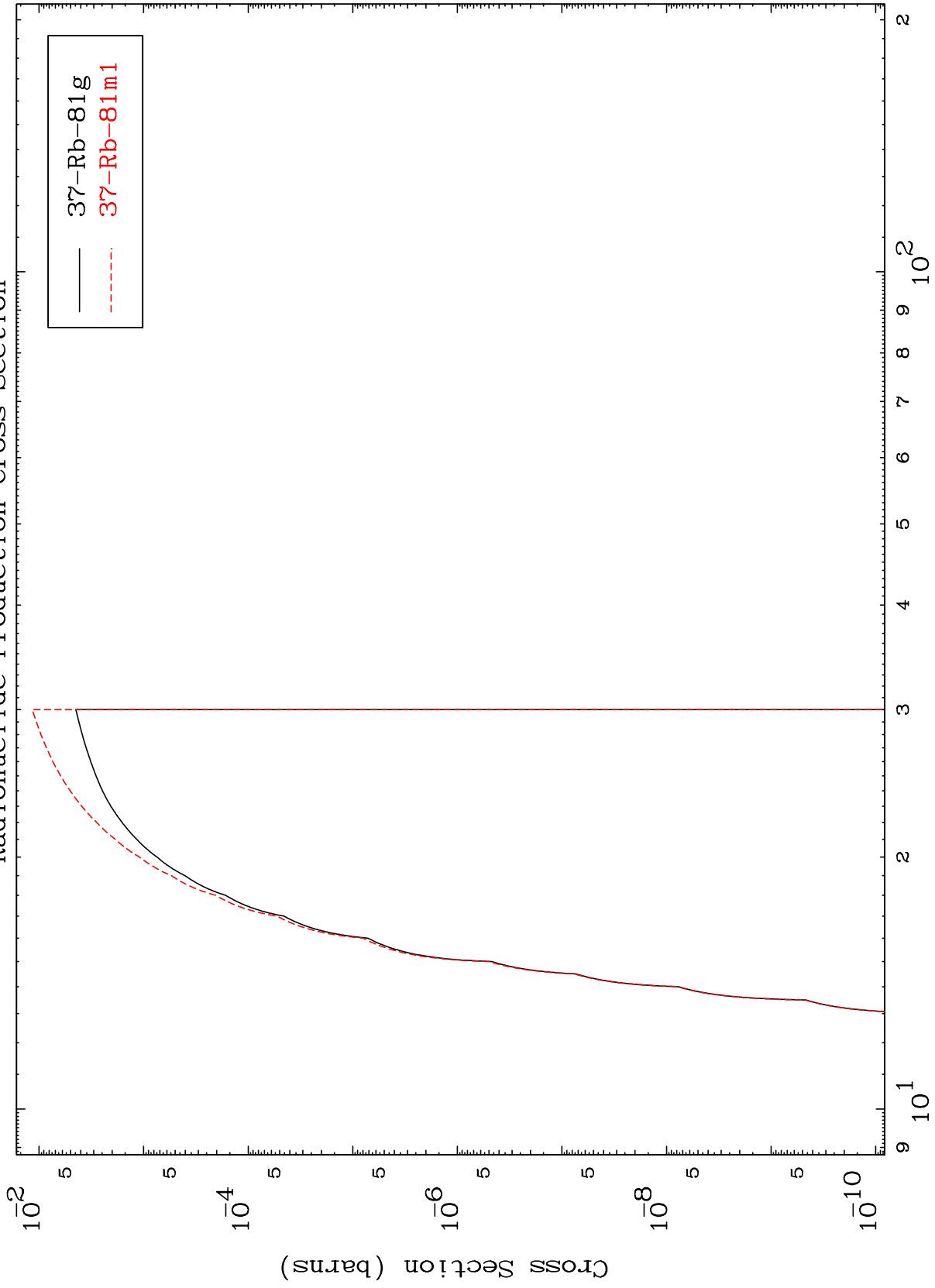
39-Y -83

MAT 3907

(n,p) d

39-Y -83

Radionuclide Production Cross Section



37-Rb-81g
37-Rb-81m1

124

Incident Energy (MeV)

39-Y -83