

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

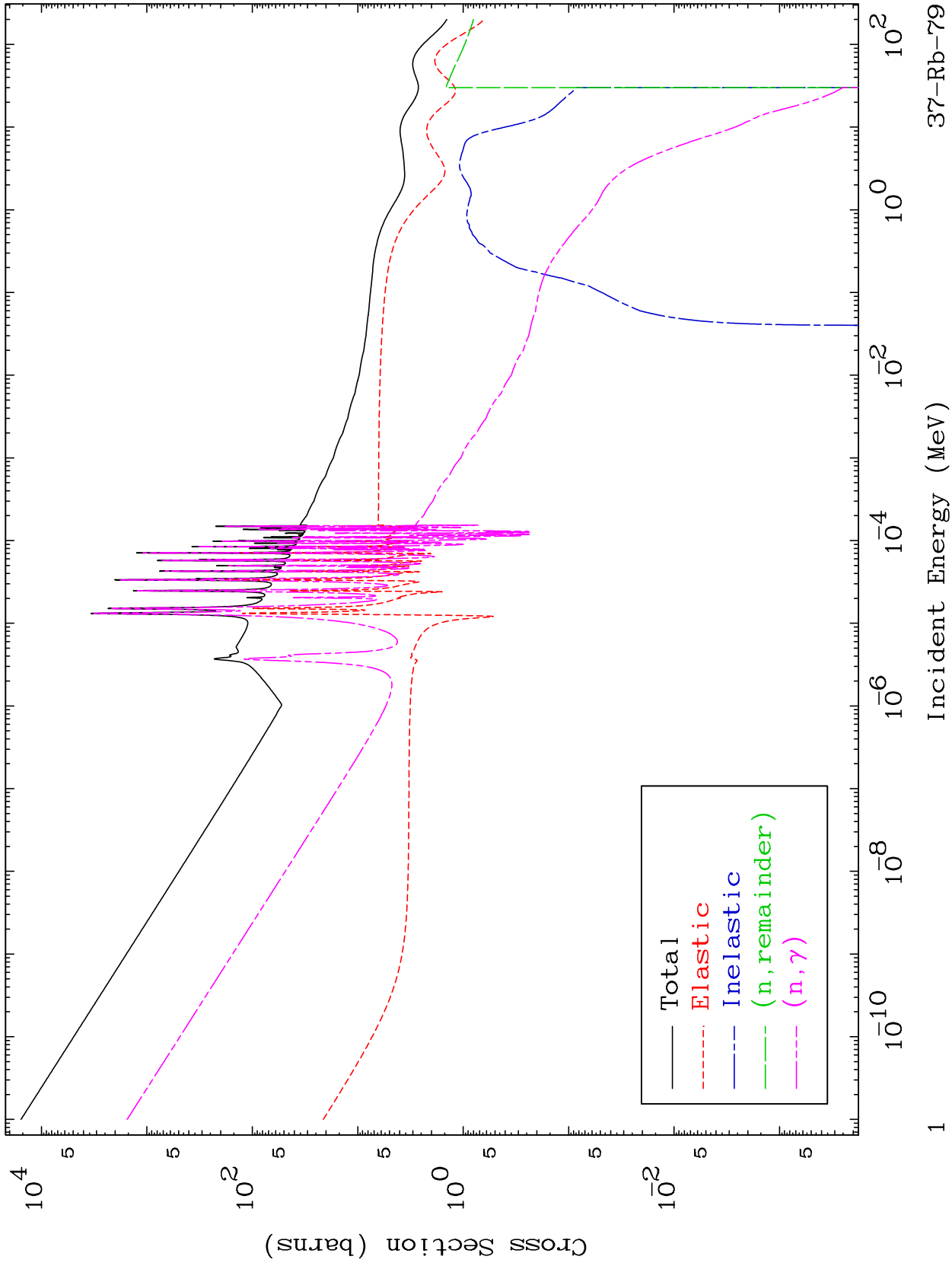
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

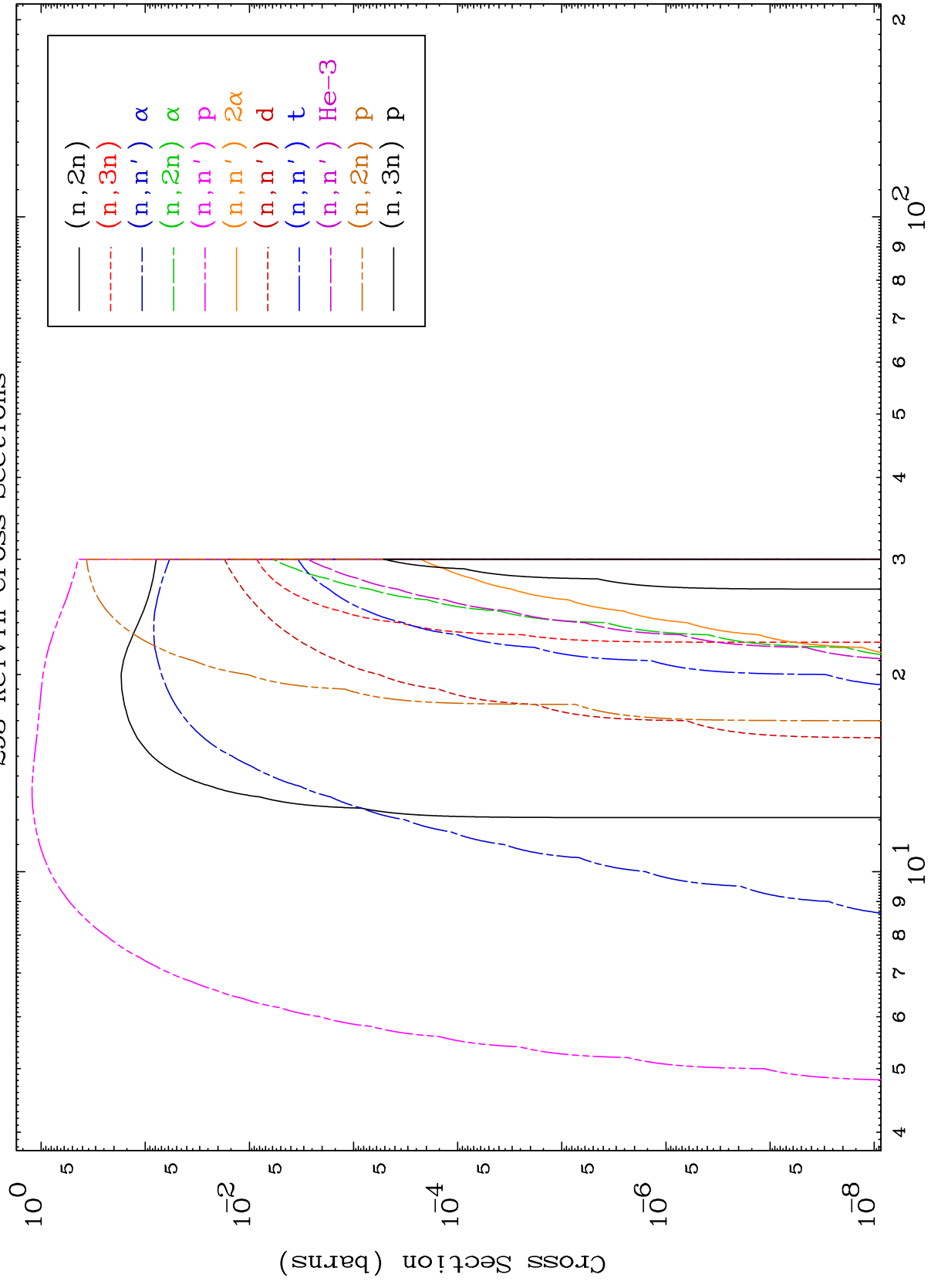
Press Mouse Button to Start

MAT 3707

Major  
293 Kelvin Cross Sections

37-Rb-79

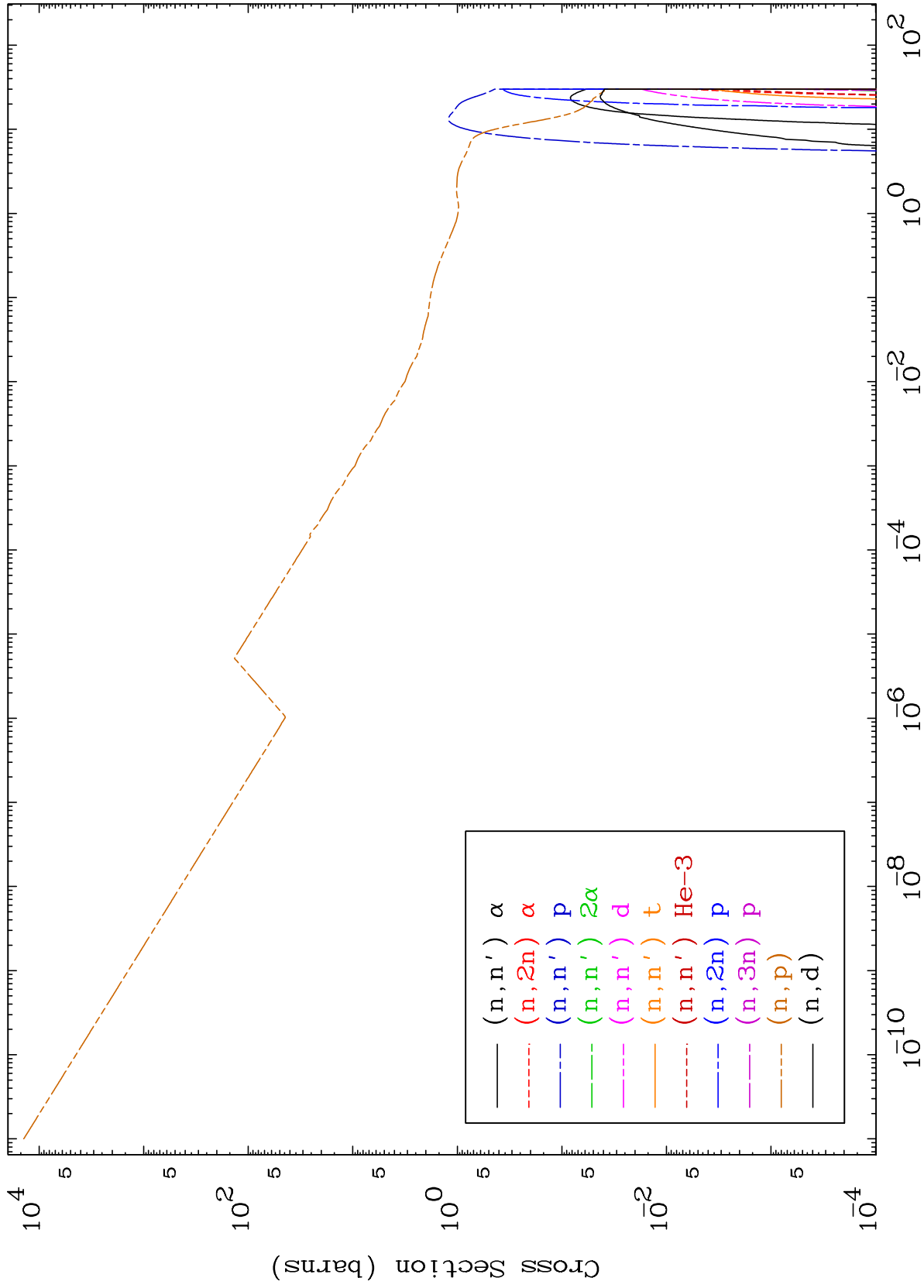




MAT 3707

Charged Particle  
293 Kelvin Cross Sections

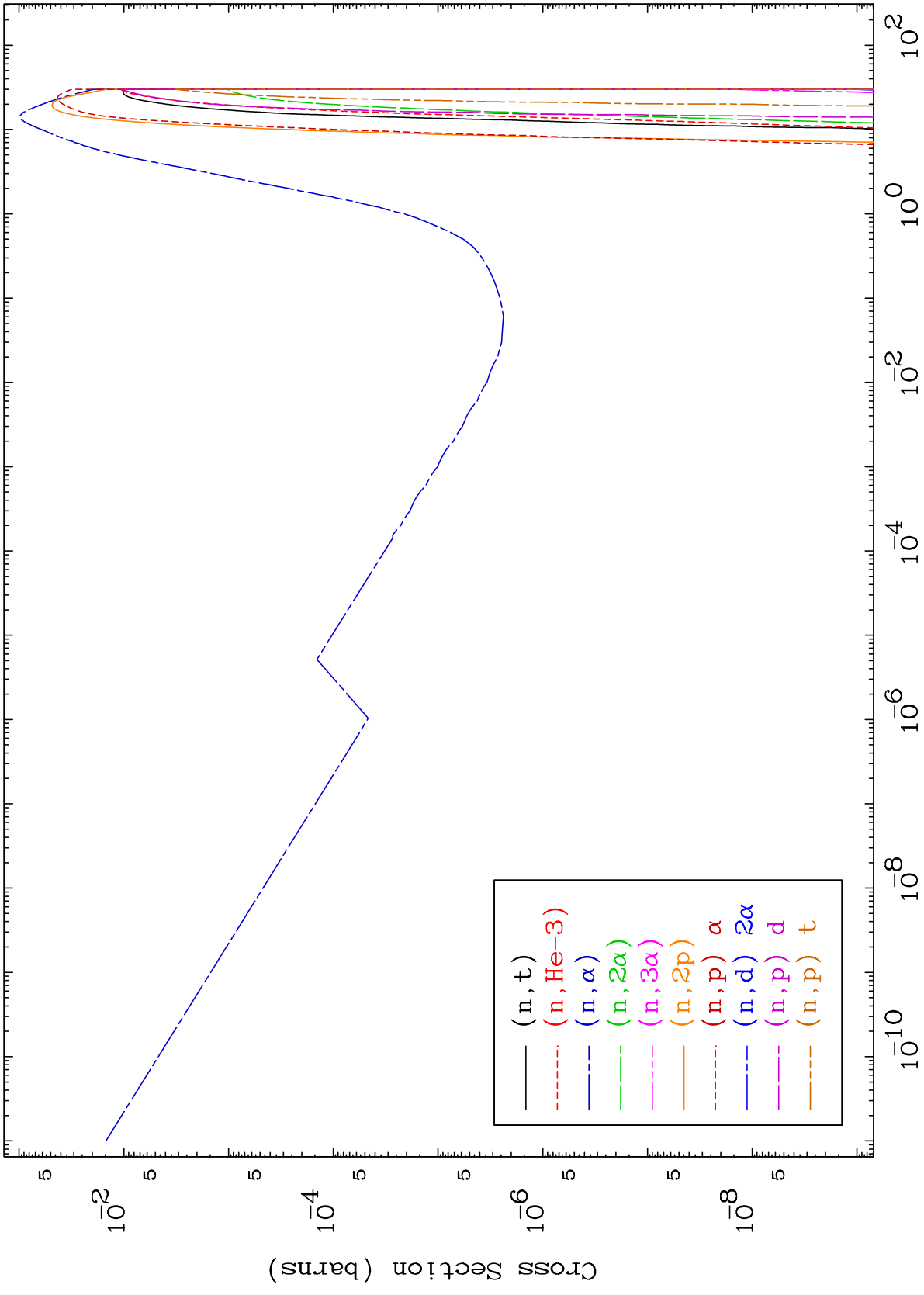
37-Rb-79



MAT 3707

Charged Particle  
293 Kelvin Cross Sections

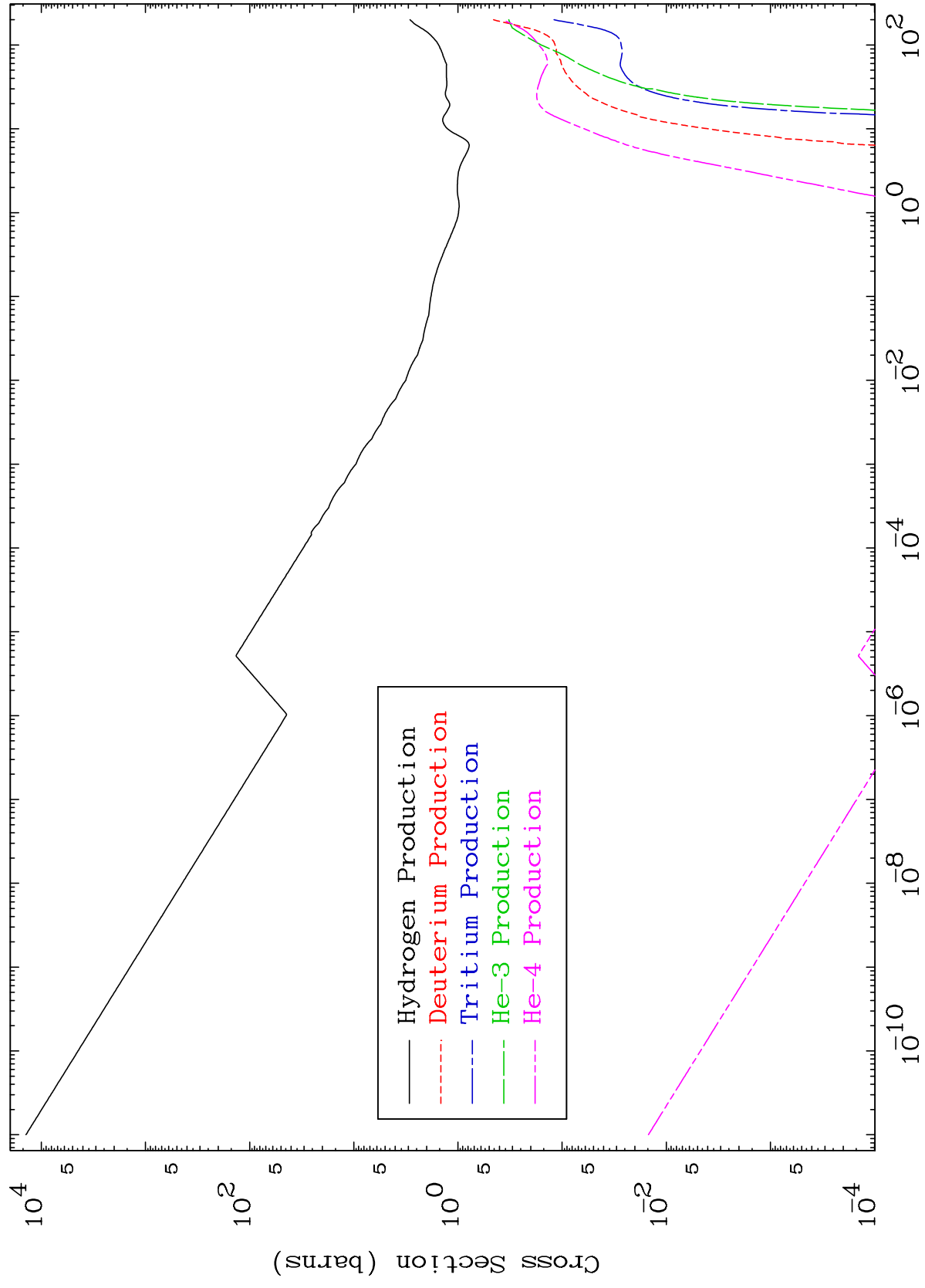
37-Rb-79

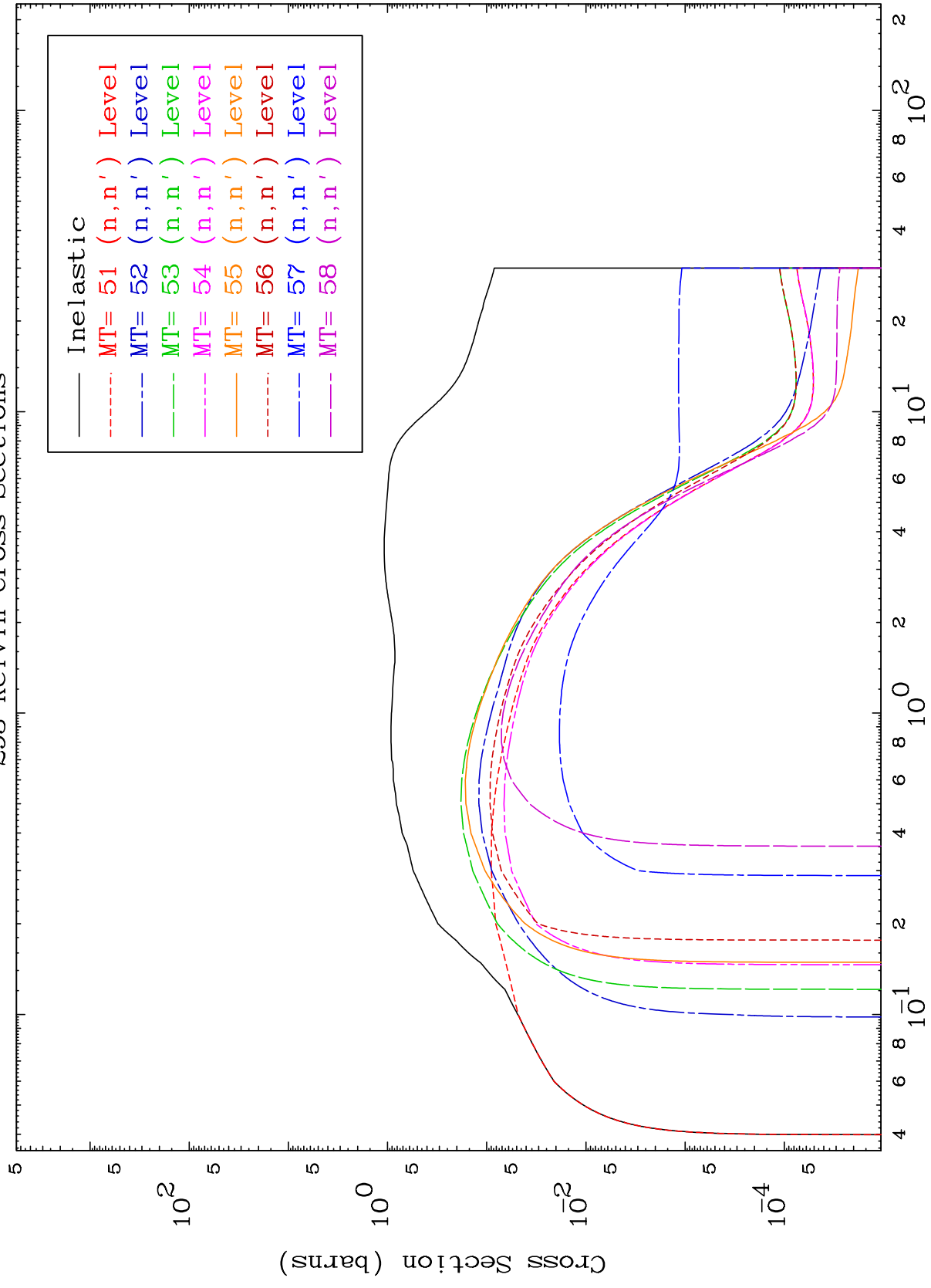


MAT 3707

Particle Production  
293 Kelvin Cross Sections

37-Rb-79

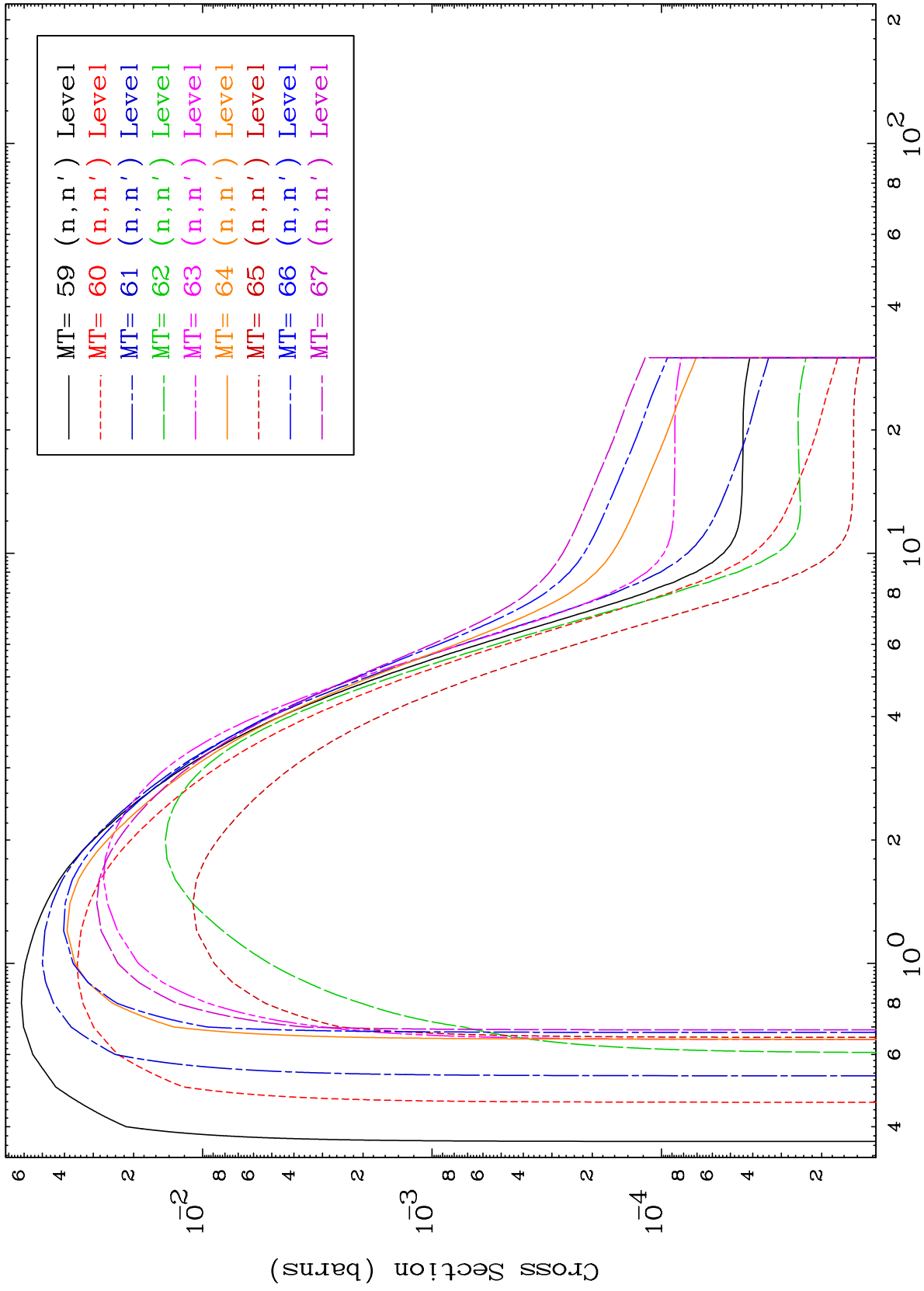




MAT 3707

(n,n') Level  
293 Kelvin Cross Sections

37-Rb-79



7

Incident Energy (MeV)

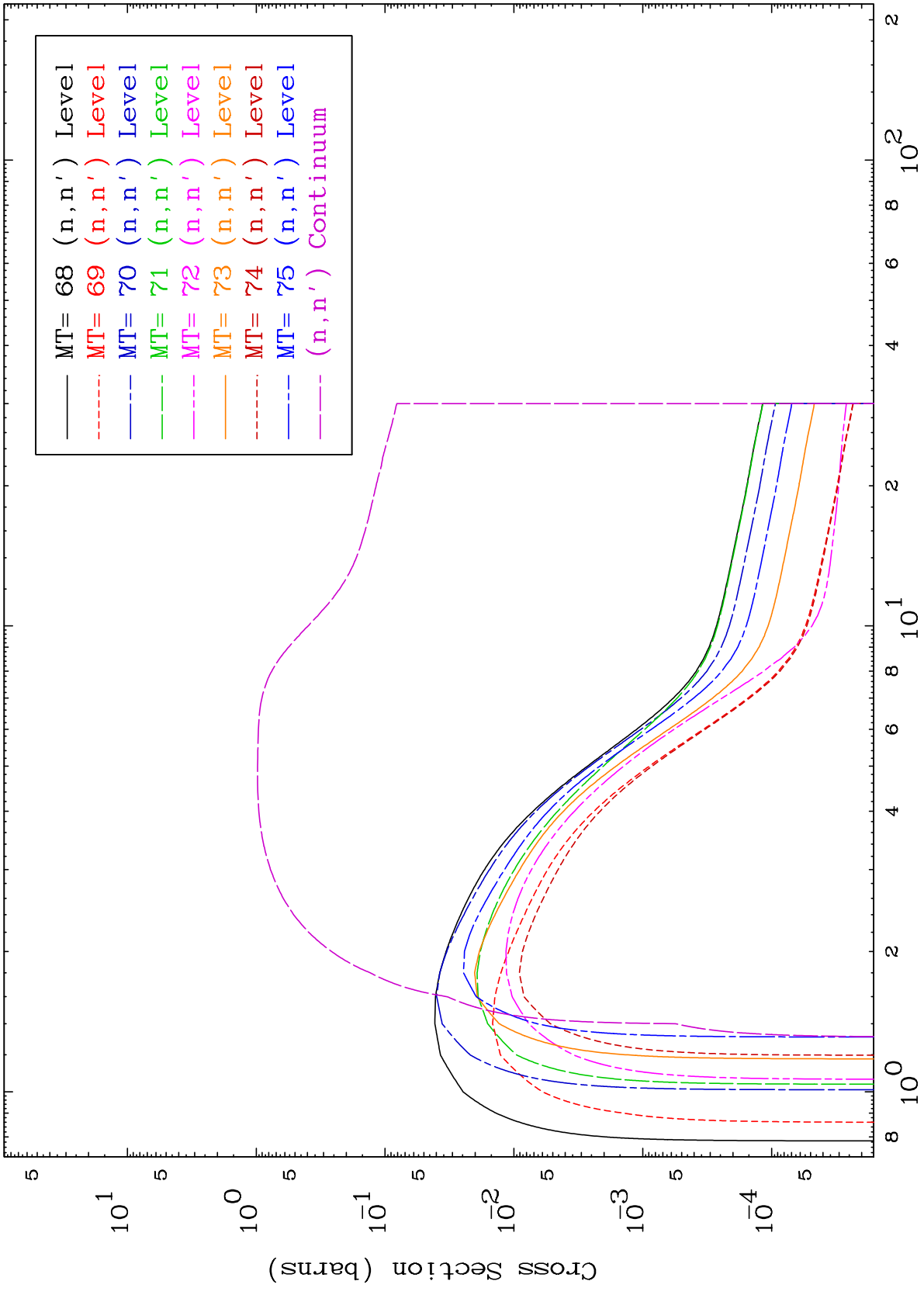
37-Rb-79



MAT 3707

(n,n') Level  
293 Kelvin Cross Sections

37-Rb-79



8

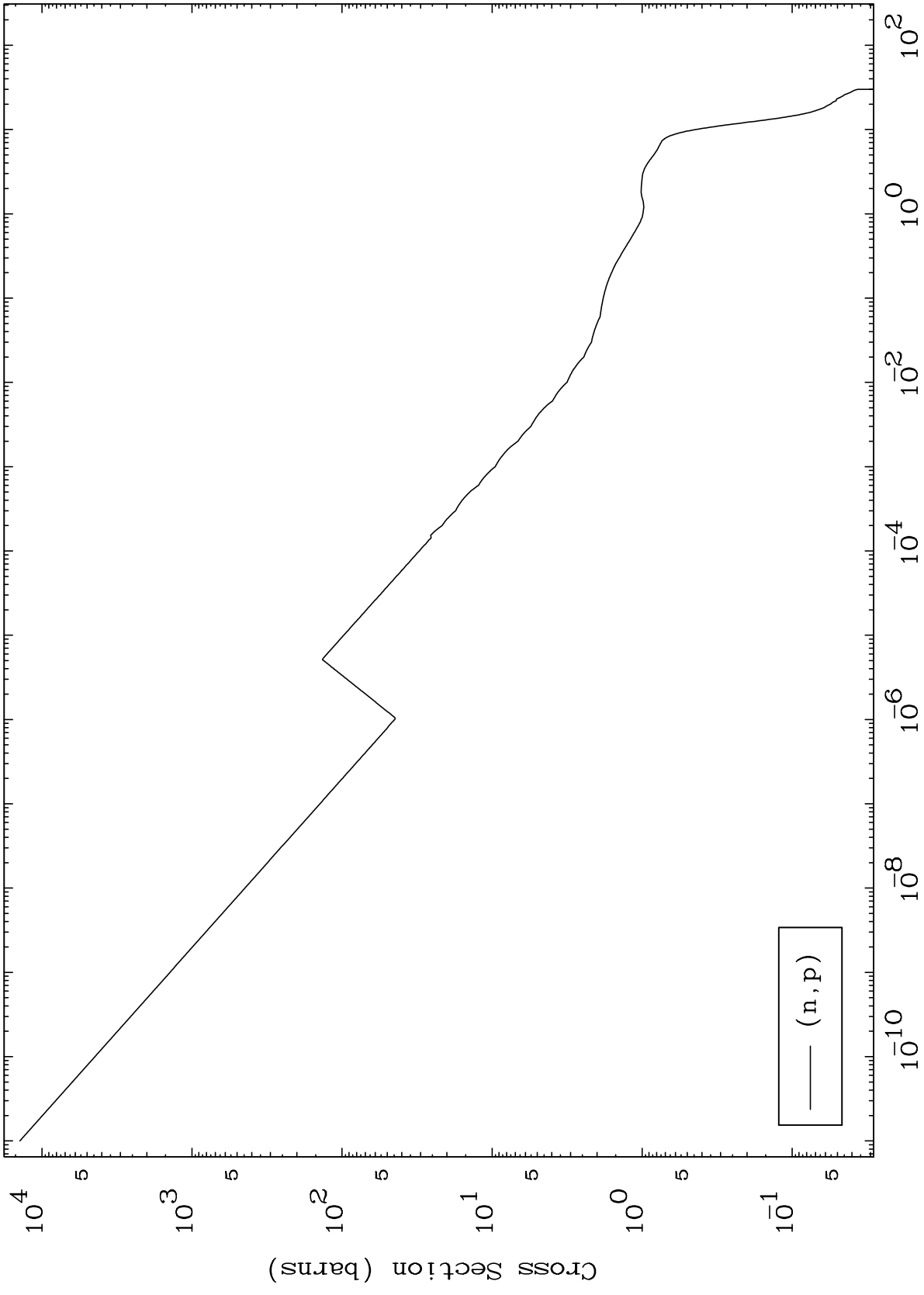
Incident Energy (MeV)

37-Rb-79

MAT 3707

(n,p) Levels  
293 Kelvin Cross Sections

37-Rb-79

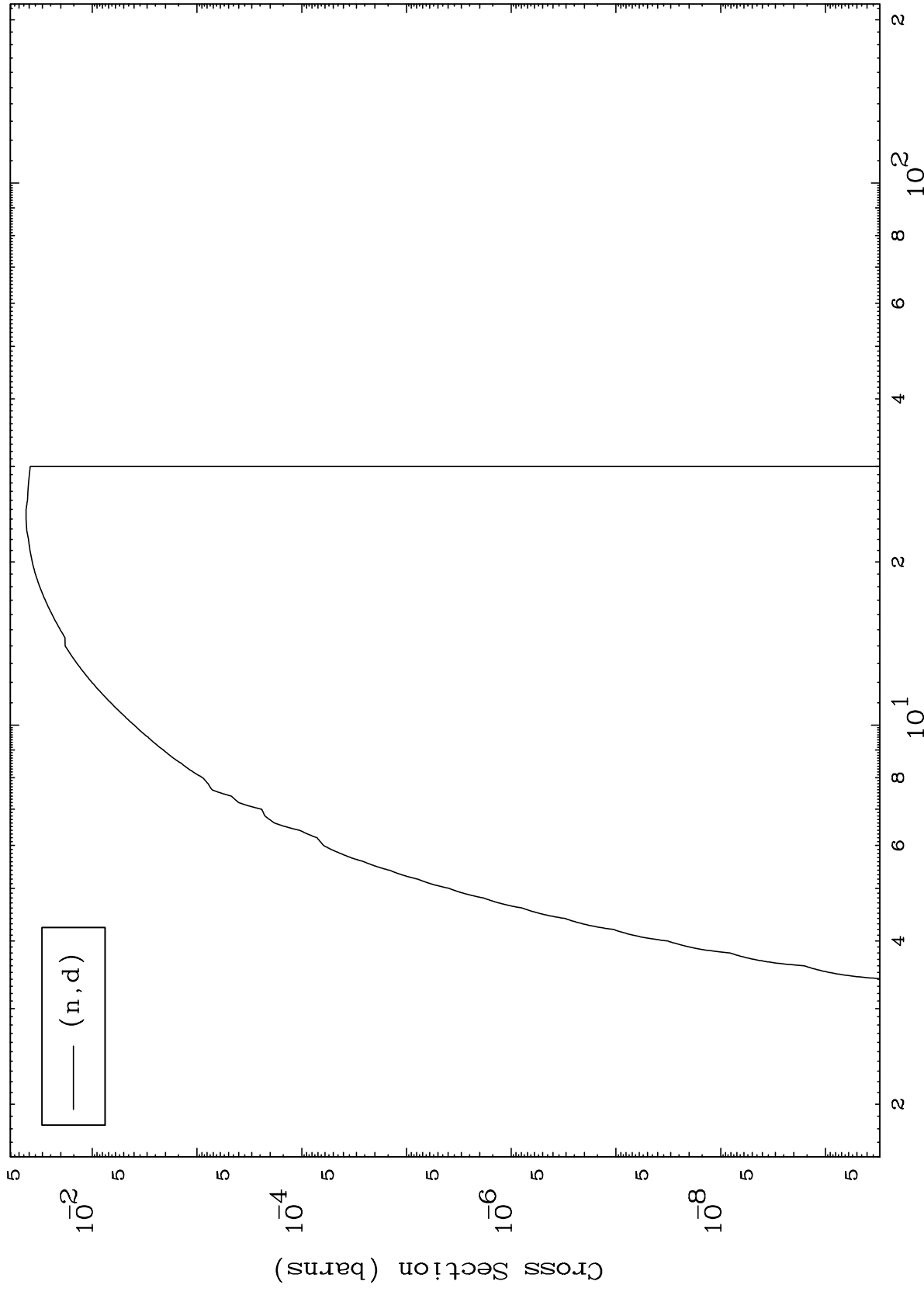


37-Rb-79

MAT 3707

(n,d) Levels  
293 Kelvin Cross Sections

37-Rb-79



10

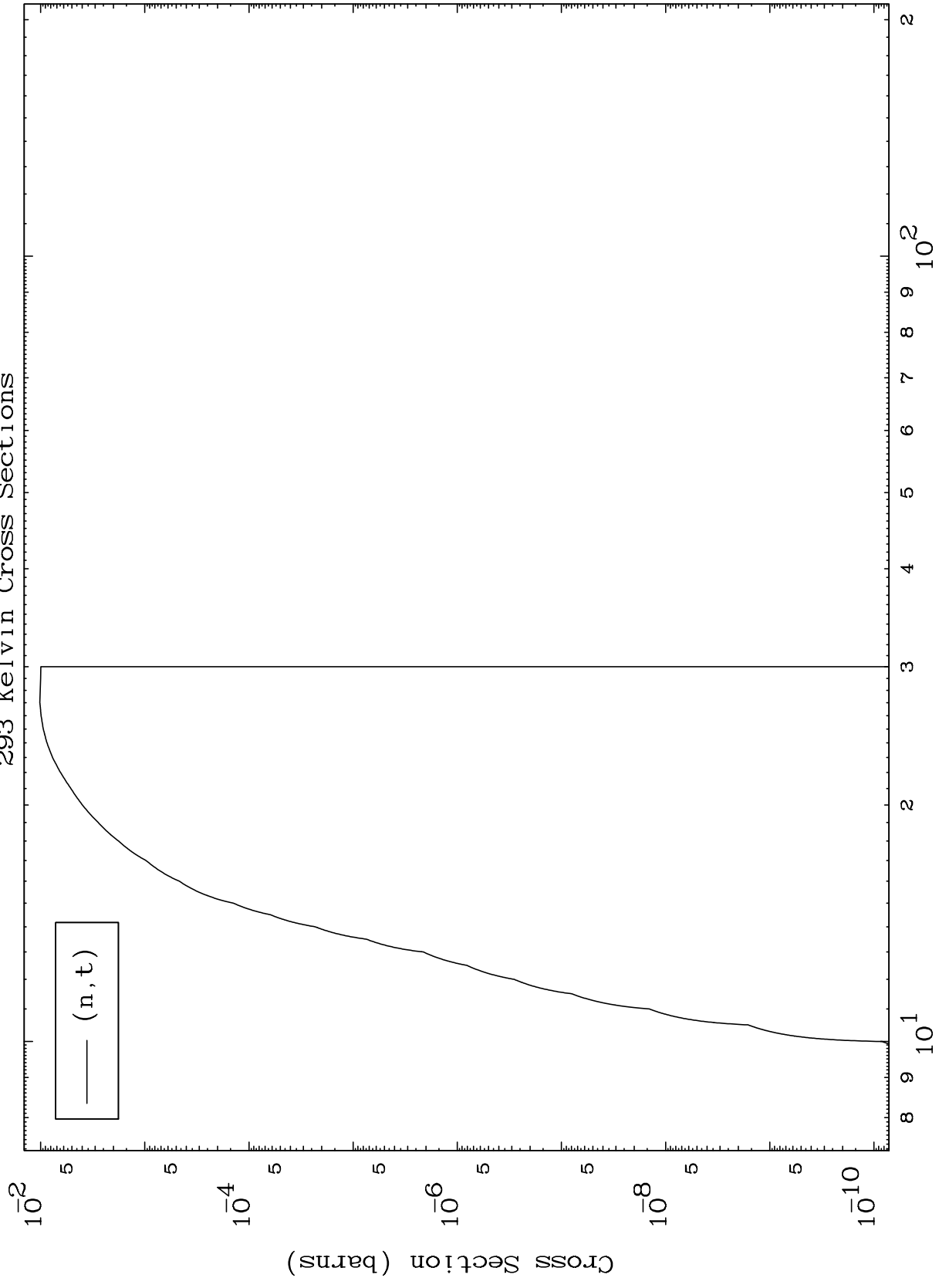
Incident Energy (MeV)

37-Rb-79

MAT 3707

37-Rb-79

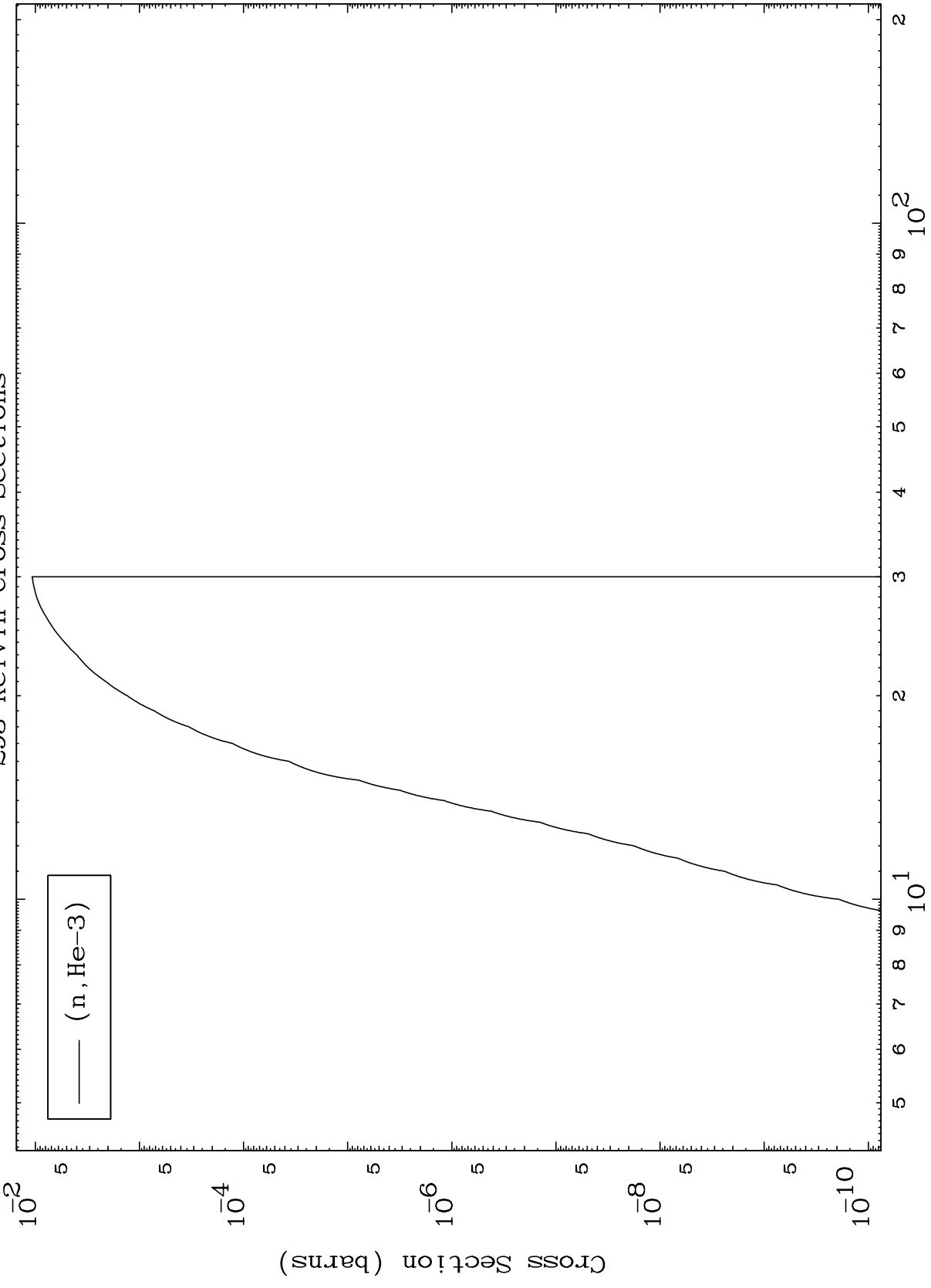
(n,t) Levels  
293 Kelvin Cross Sections



11

37-Rb-79

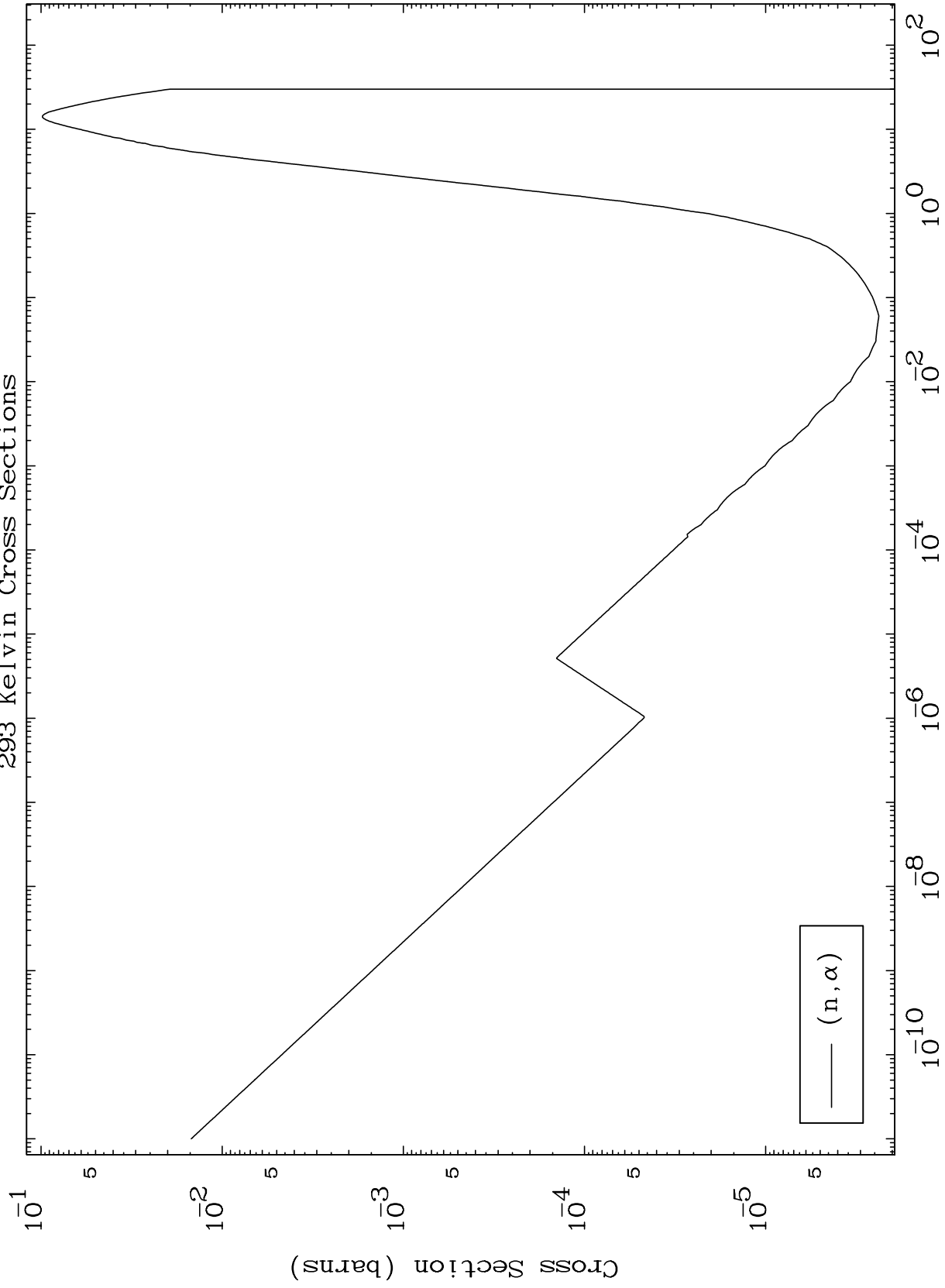
(n,He3) Levels  
293 Kelvin Cross Sections



MAT 3707

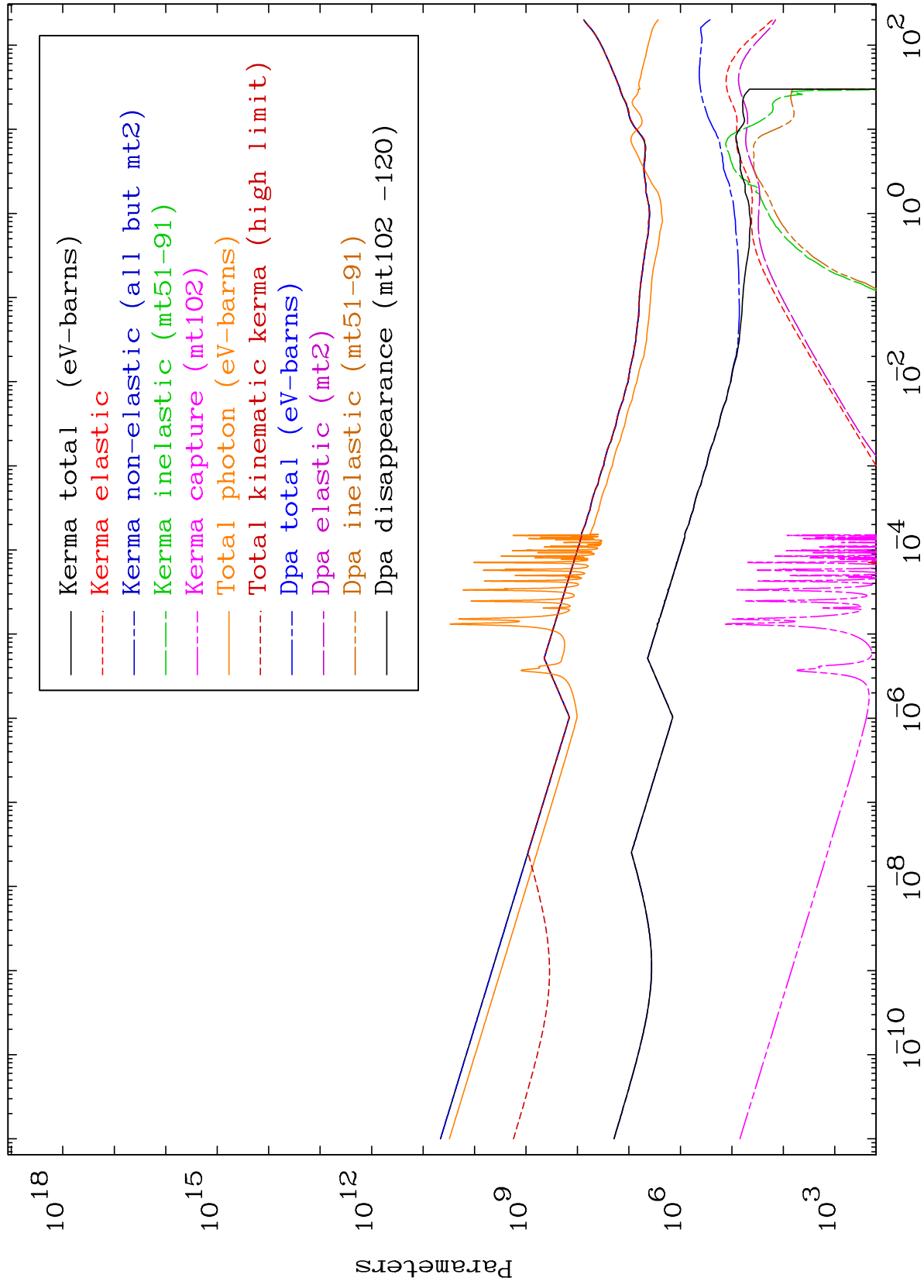
(n,α) Levels  
293 Kelvin Cross Sections

37-Rb-79



13

37-Rb-79



MAT 3707

Elastic Legendre Coefficients

37-Rb-79

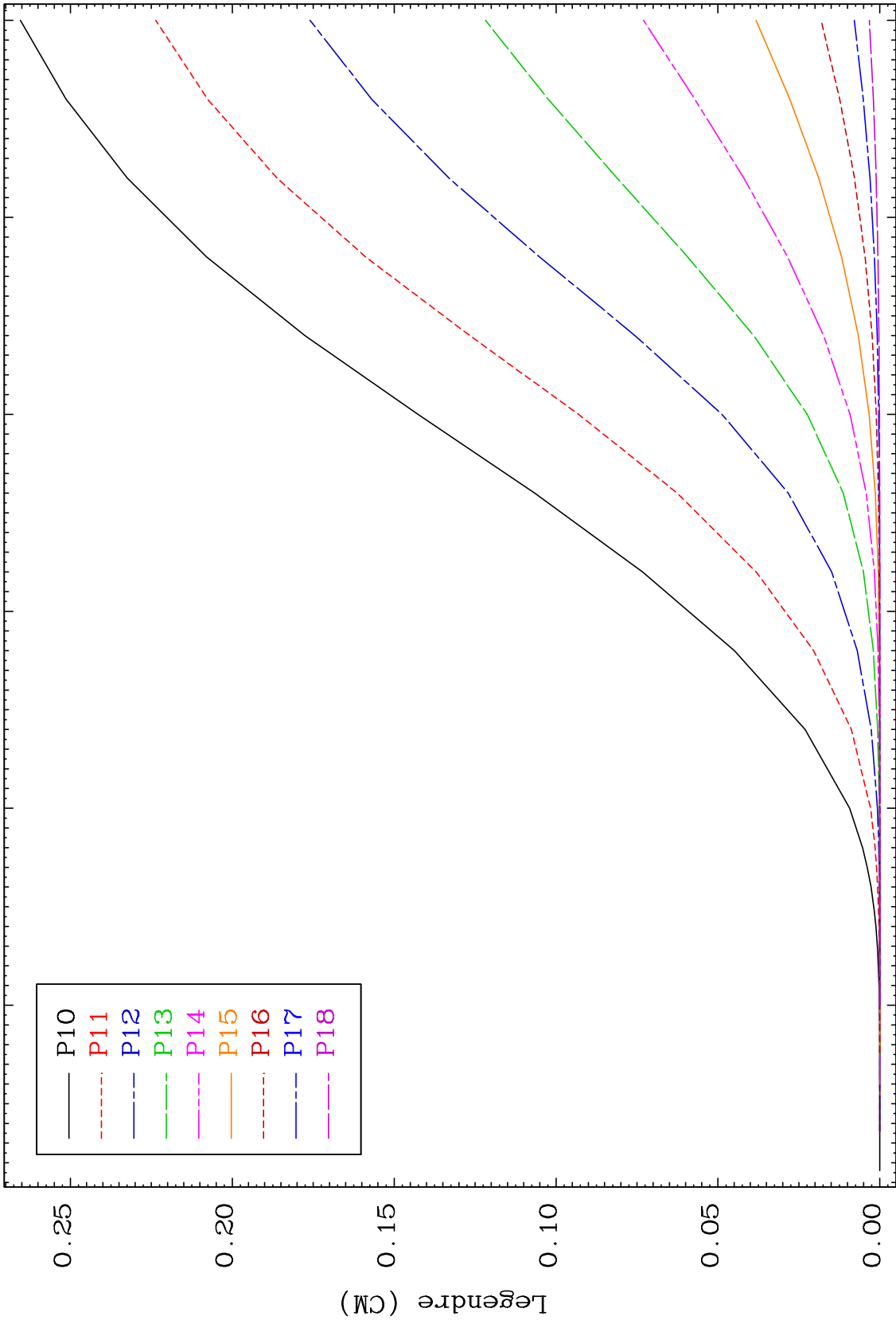




MAT 3707

Elastic Legendre Coefficients

37-Rb-79



16

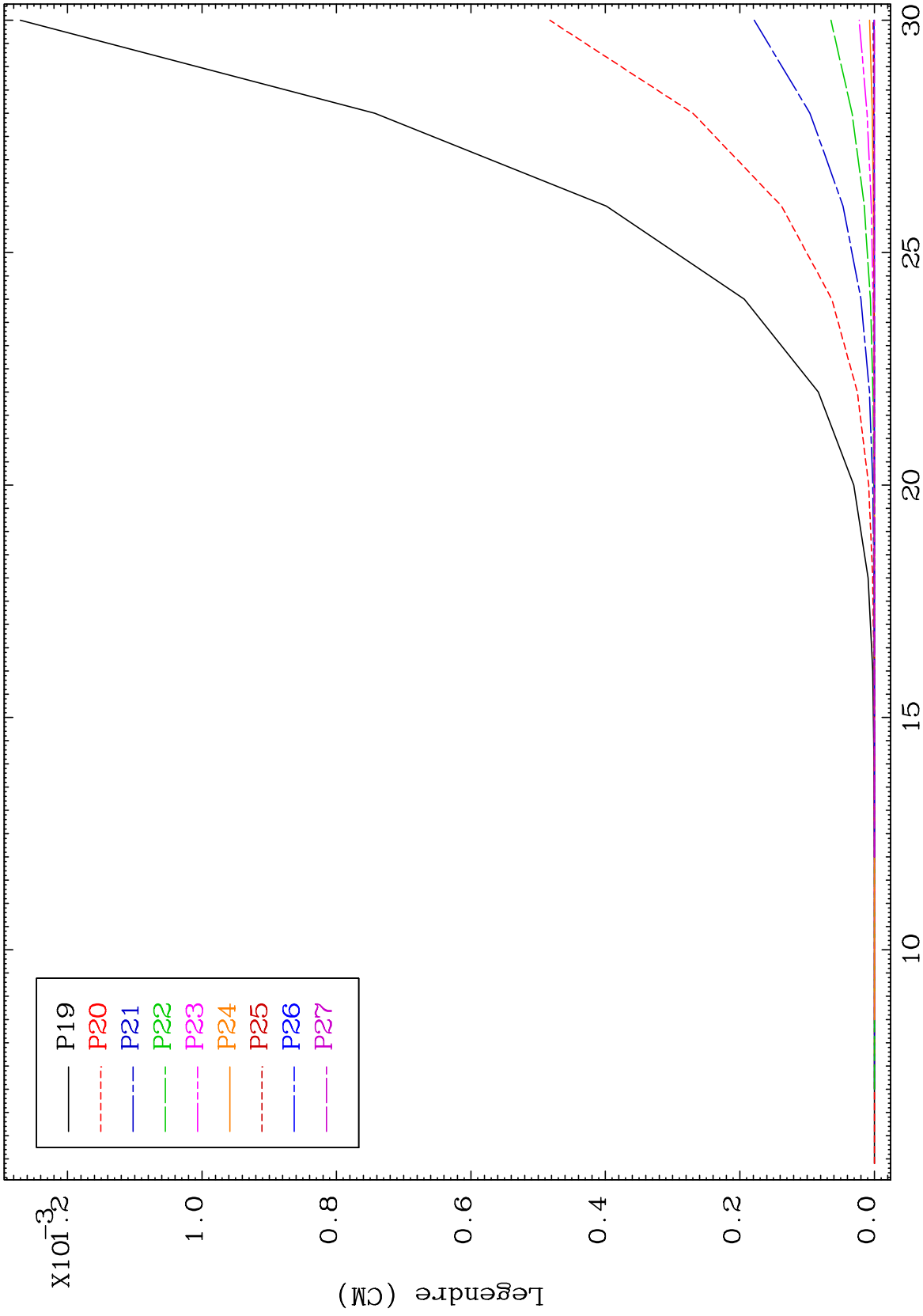
Incident Energy (MeV)

37-Rb-79

MAT 3707

### Elastic Legendre Coefficients

37-Rb-79



17

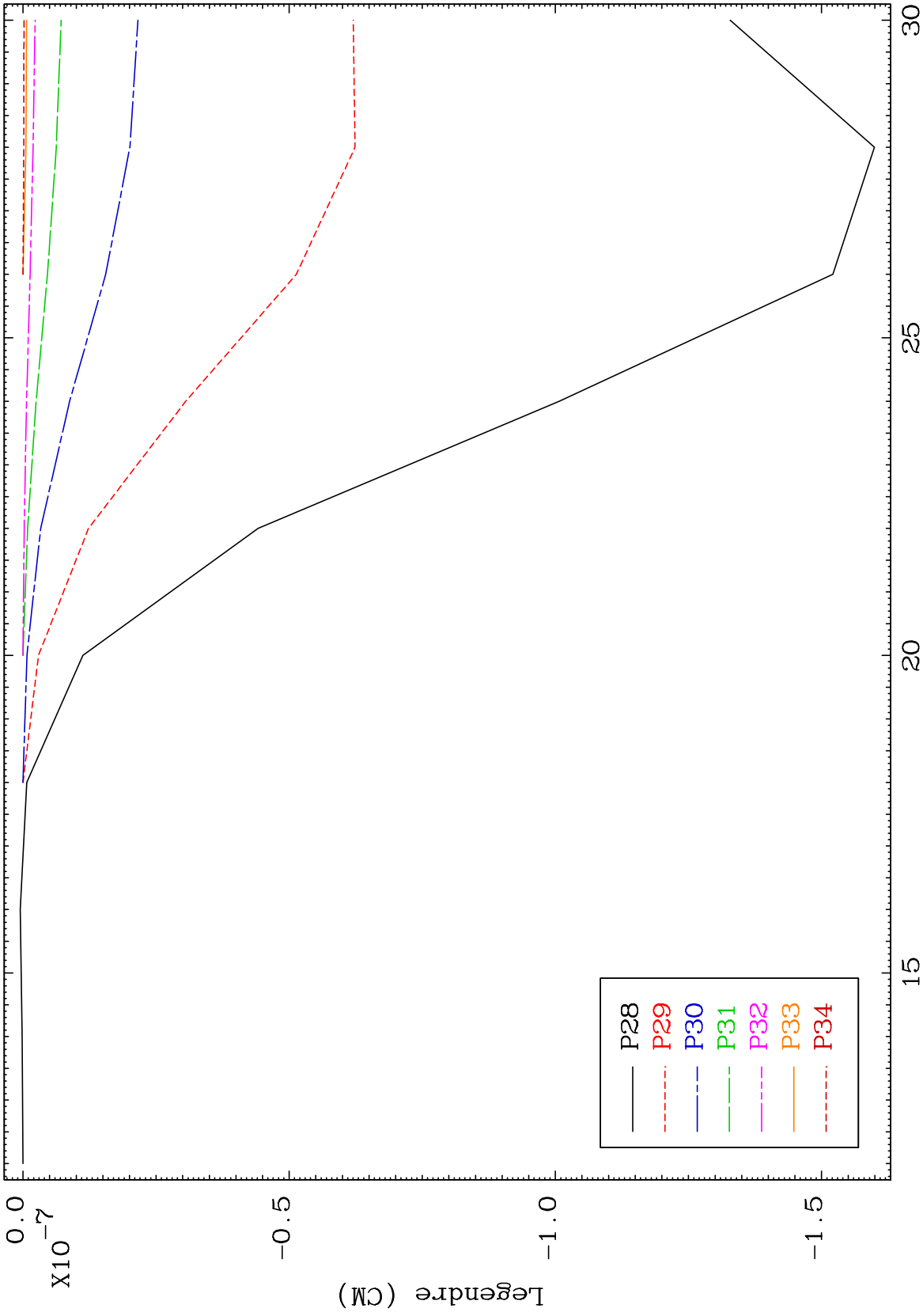
Incident Energy (MeV)

37-Rb-79

MAT 3707

37-Rb-79

Elastic Legendre Coefficients



18

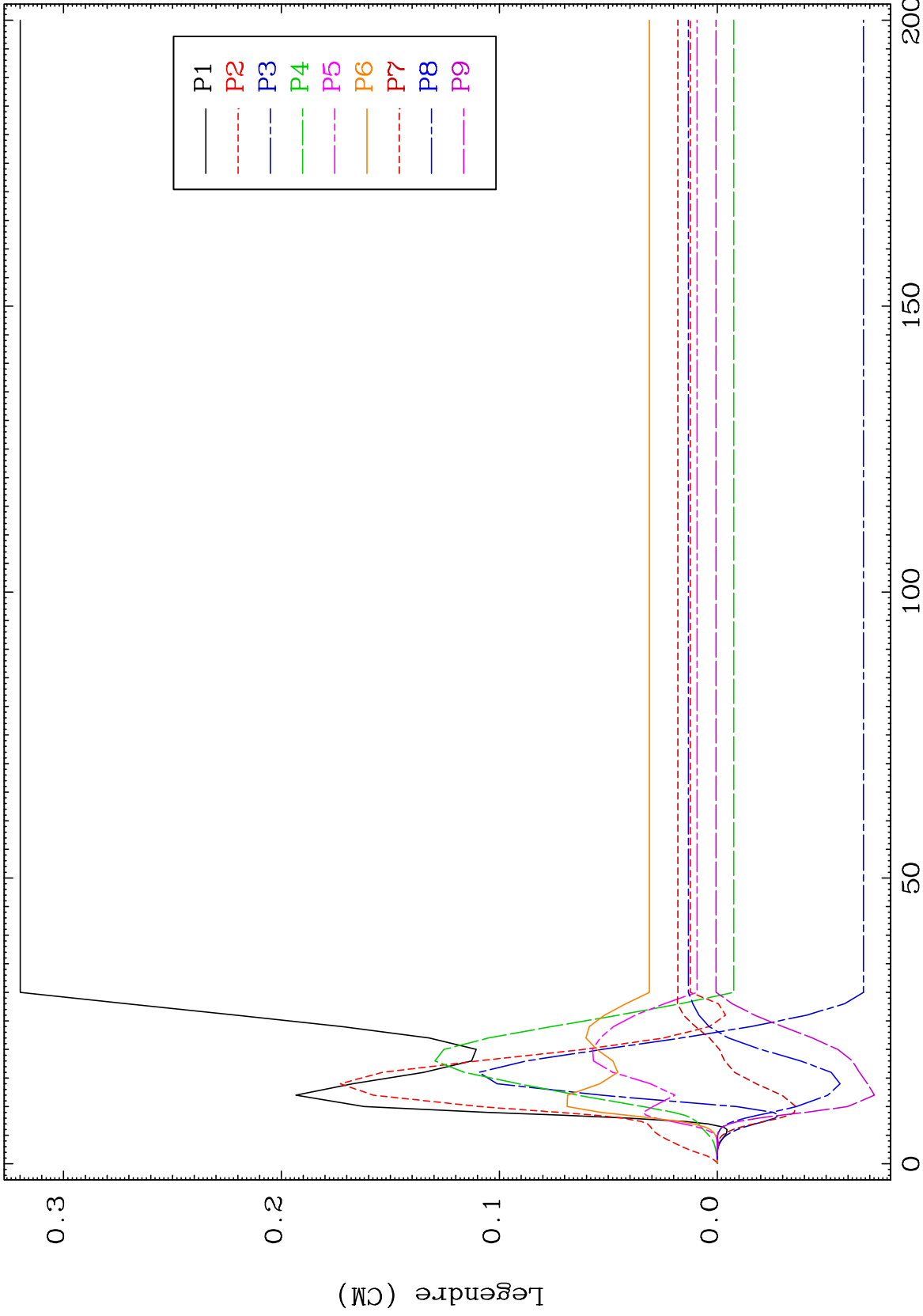
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



19

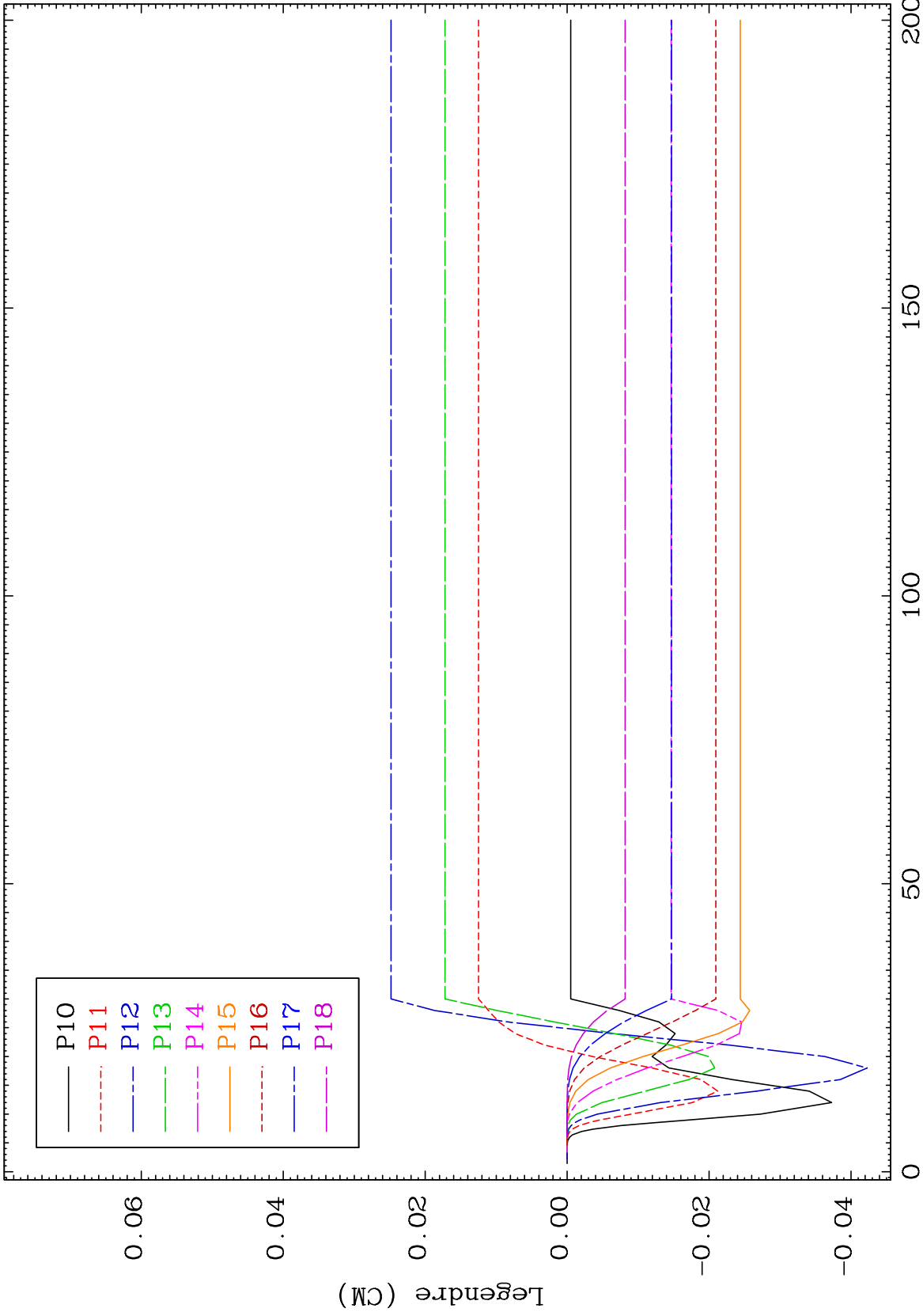
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79

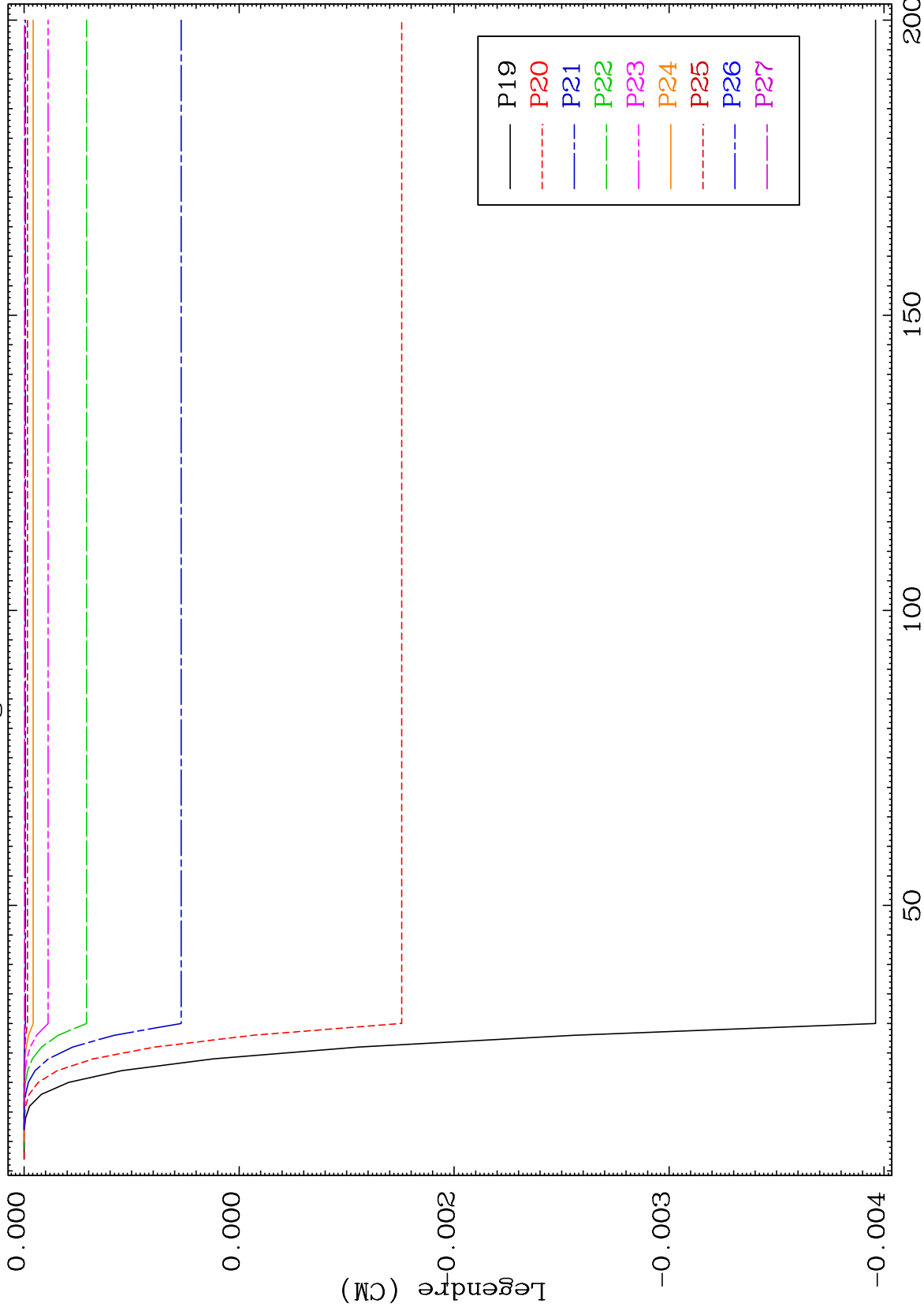


37-Rb-79

Incident Energy (MeV)

20

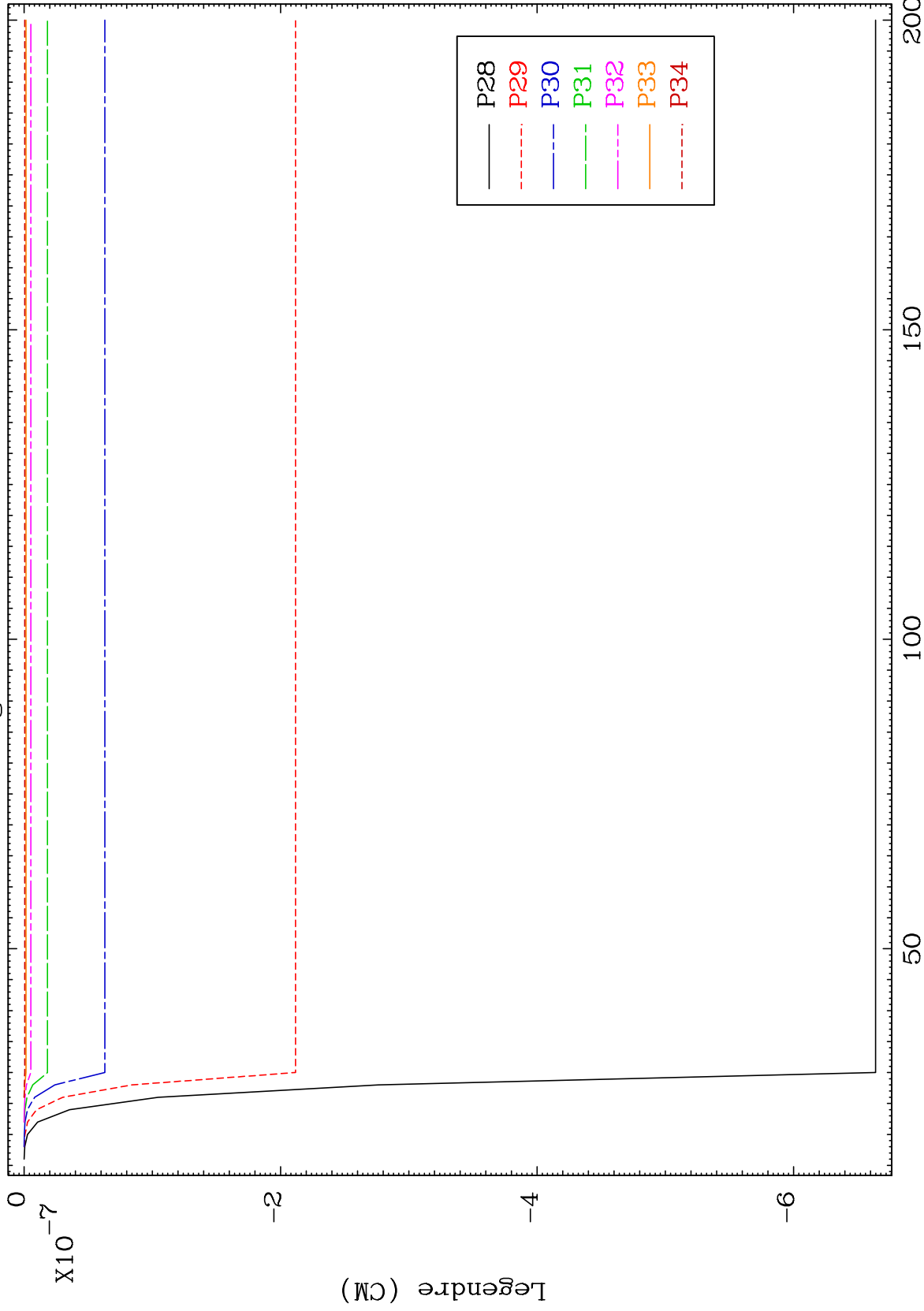
MAT 3707 MT= 51 (n,n') Level Legendre Coefficients 37-Rb-79



MAT 3707

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

37-Rb-79



22

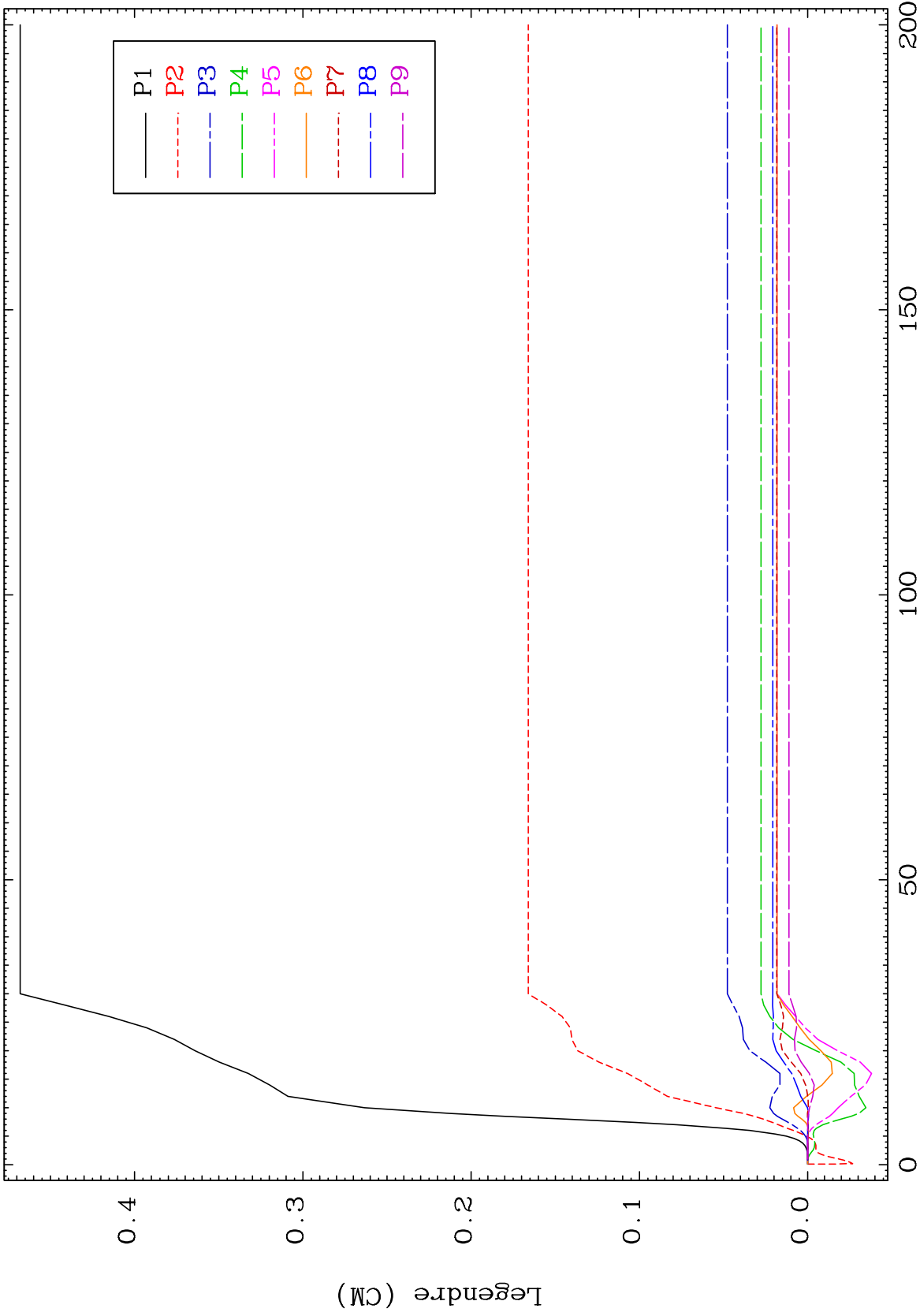
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



23

Incident Energy (MeV)

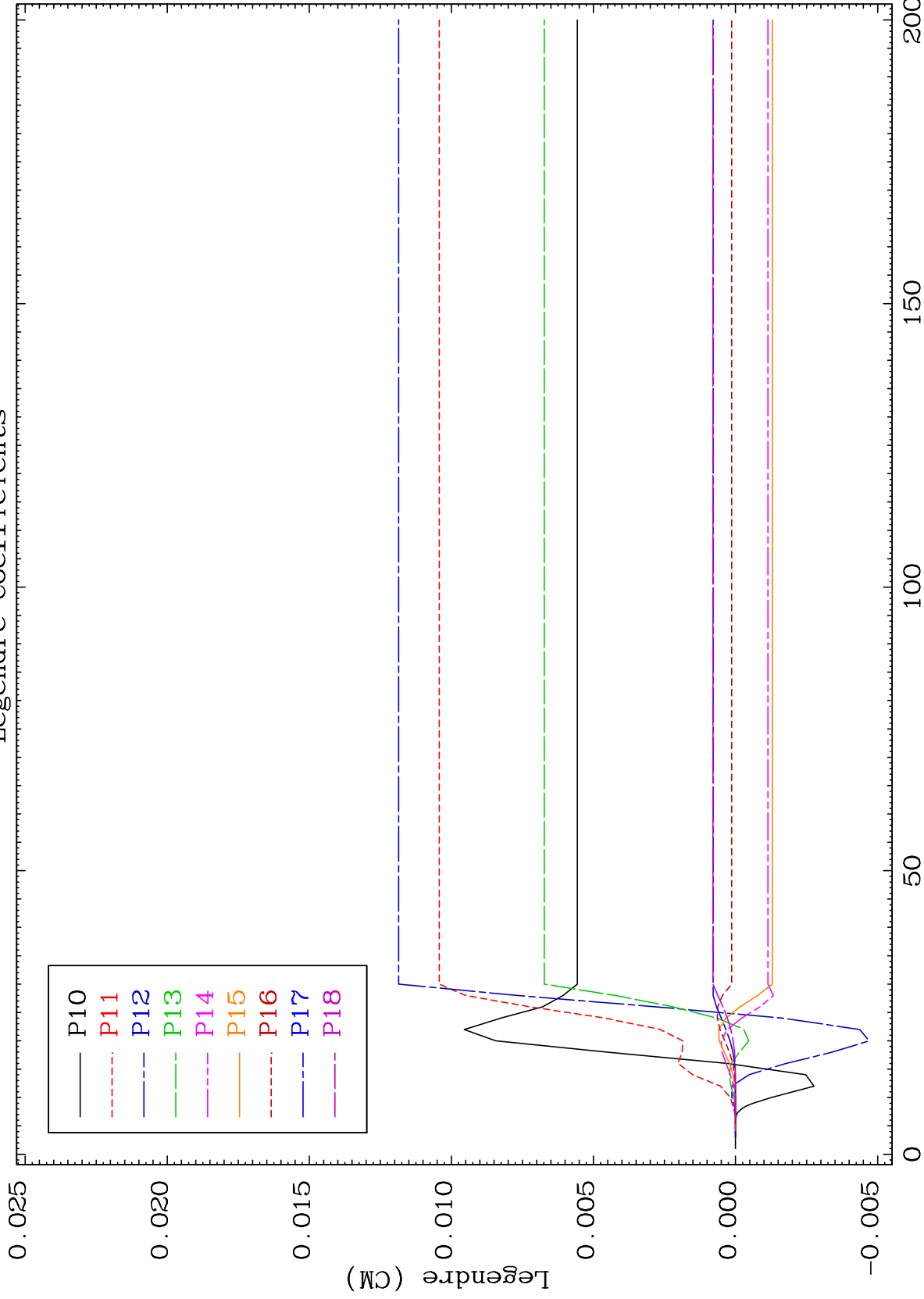
37-Rb-79



MAT 3707

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

37-Rb-79



24

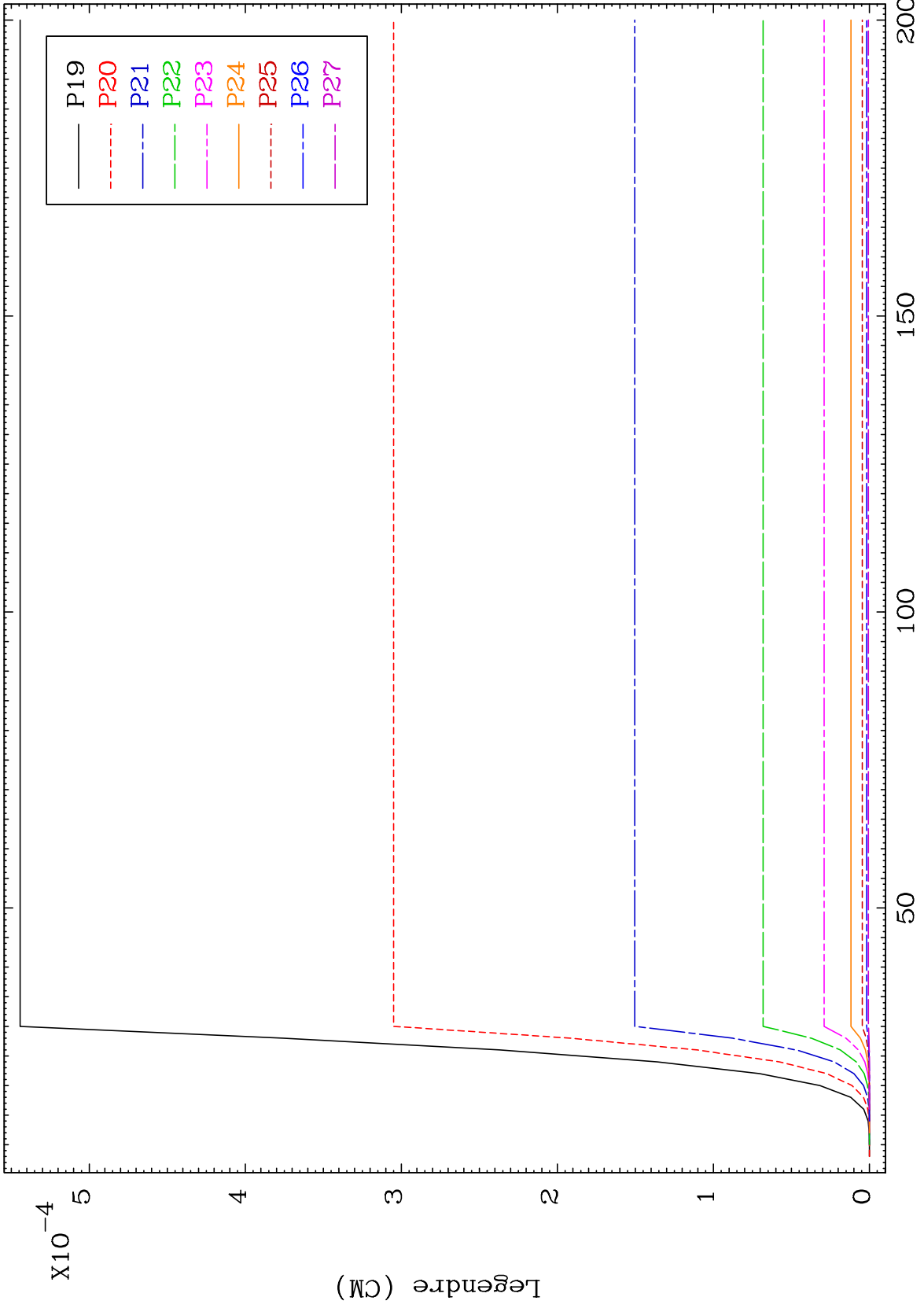
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

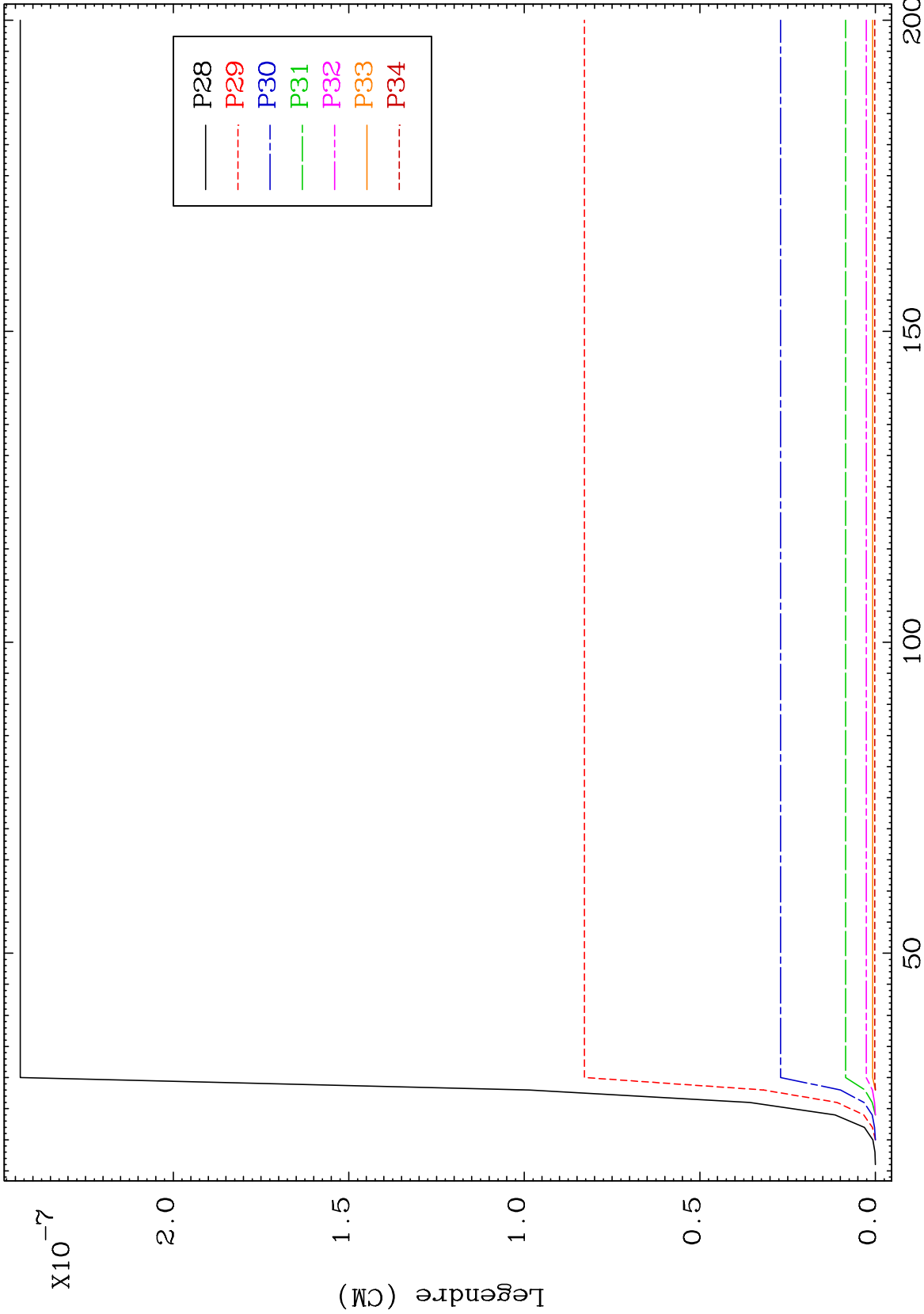
37-Rb-79



25

Incident Energy (MeV)

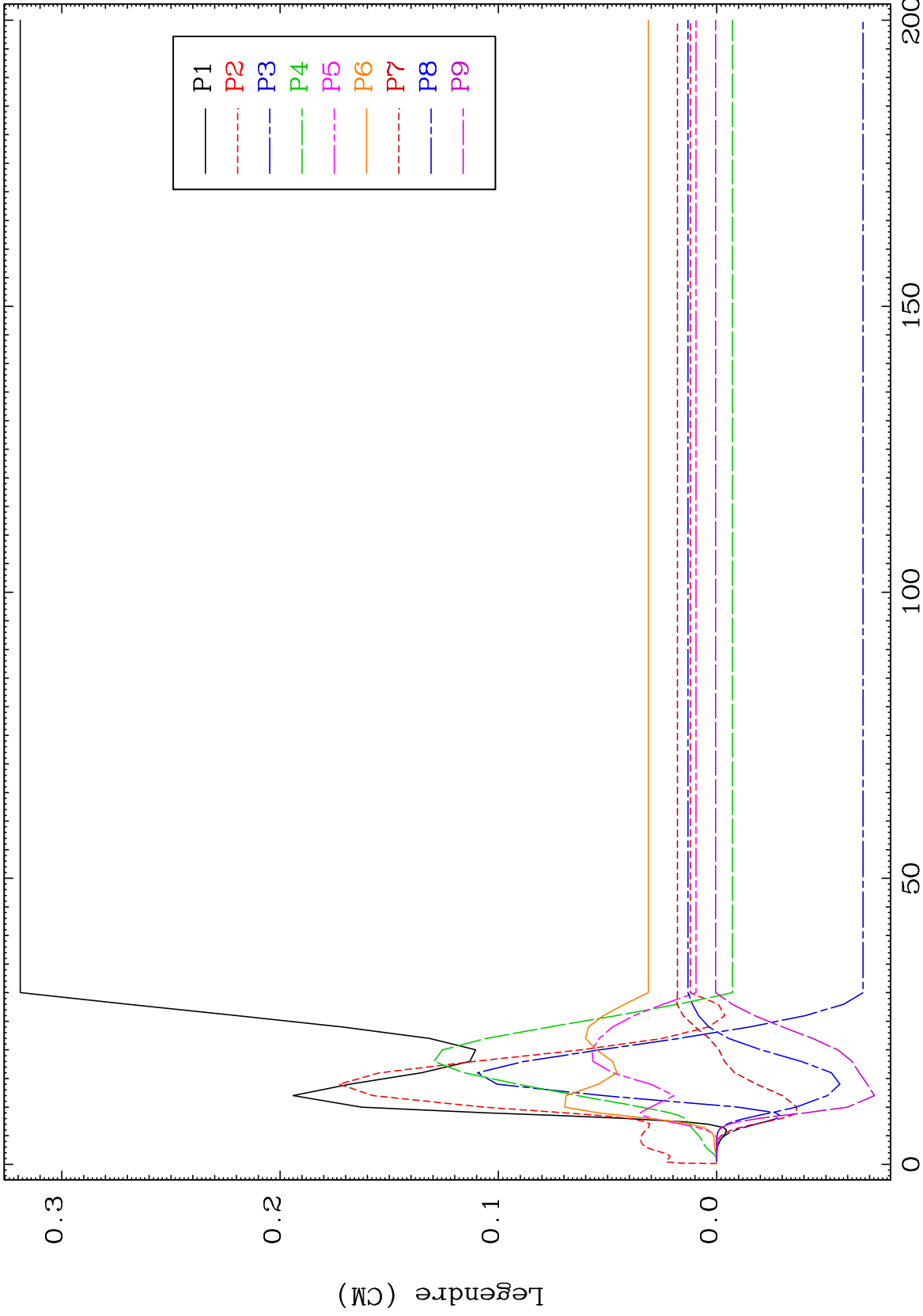
37-Rb-79



MAT 3707

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

37-Rb-79



27

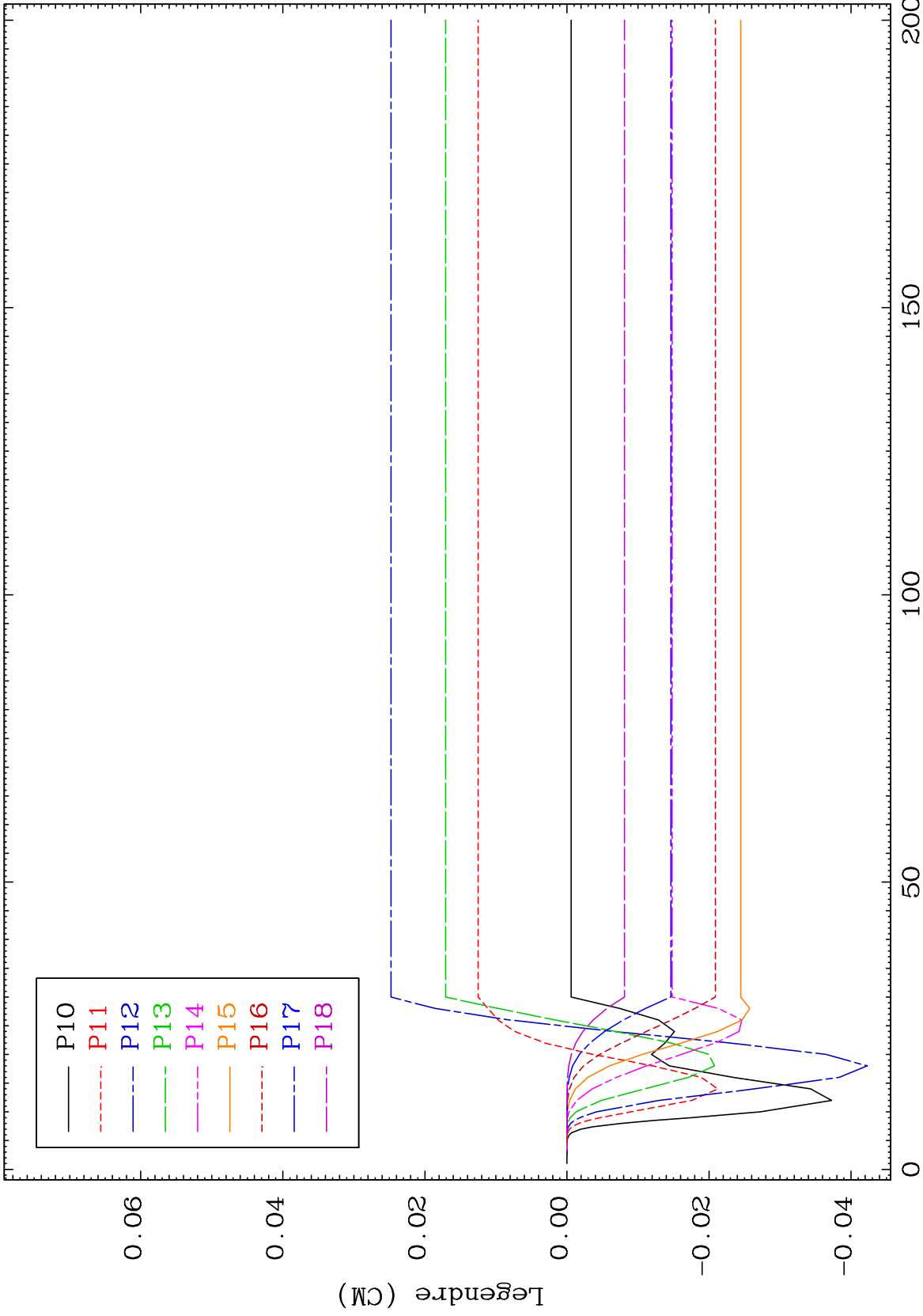
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



28

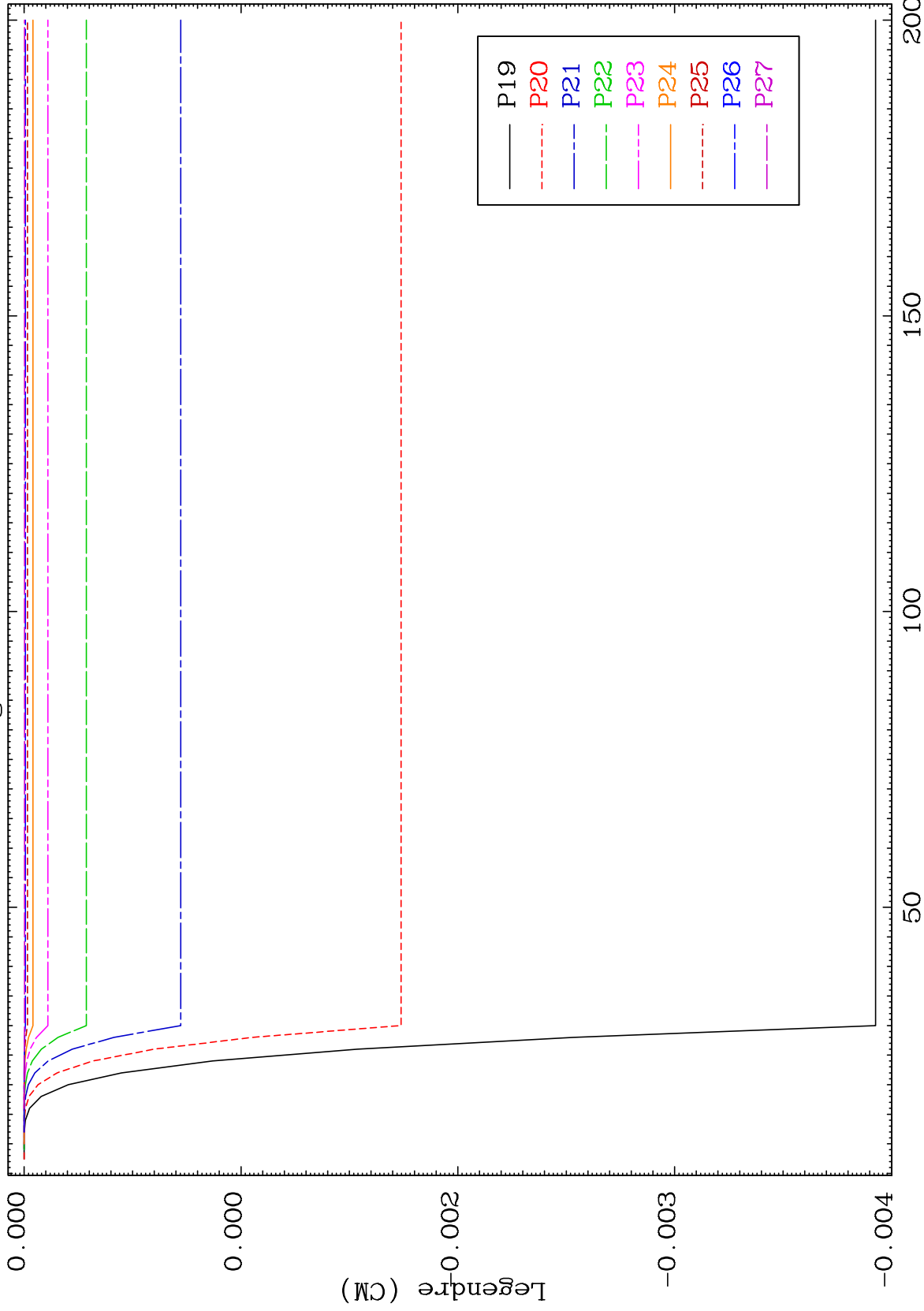
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



29

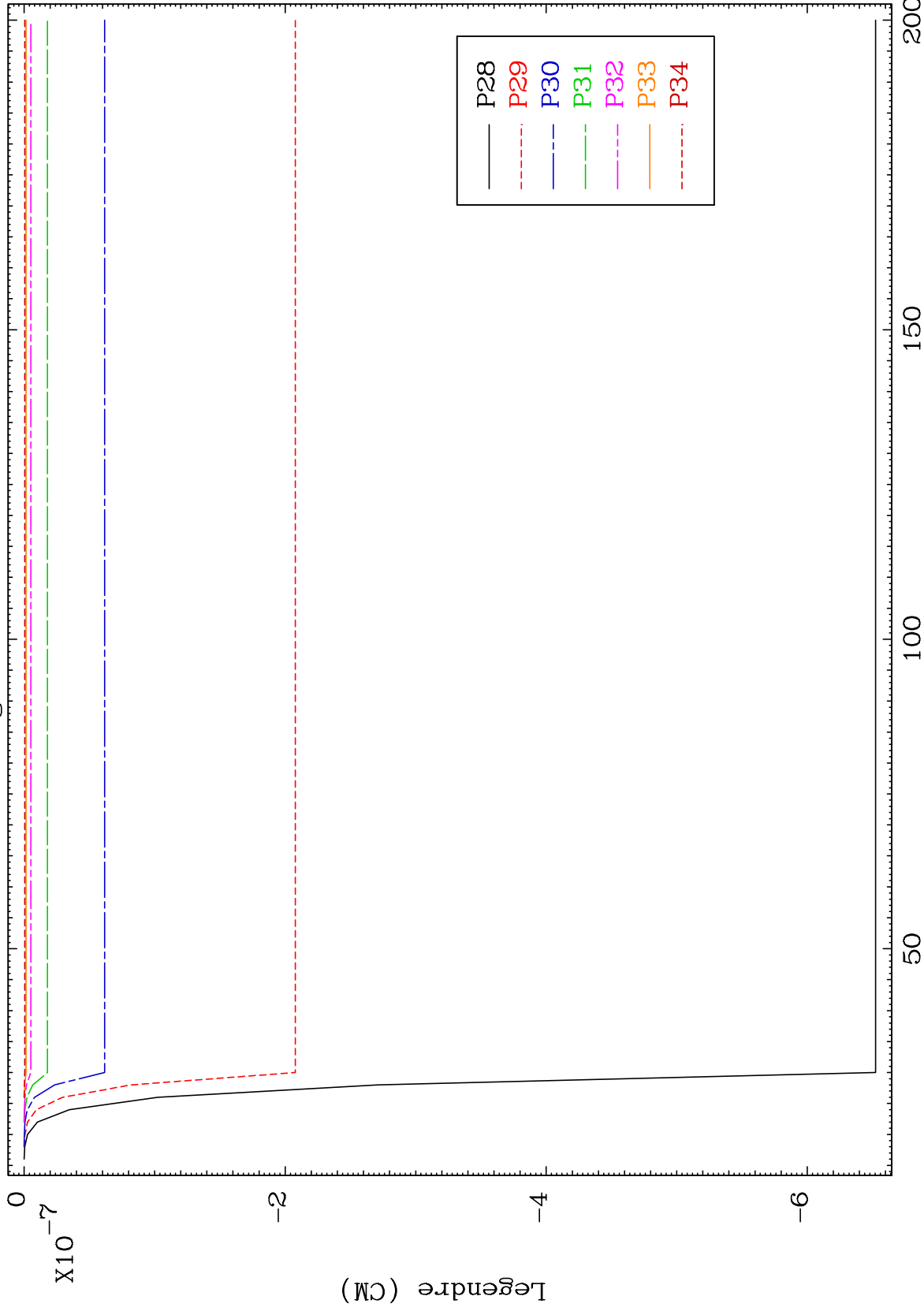
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



30

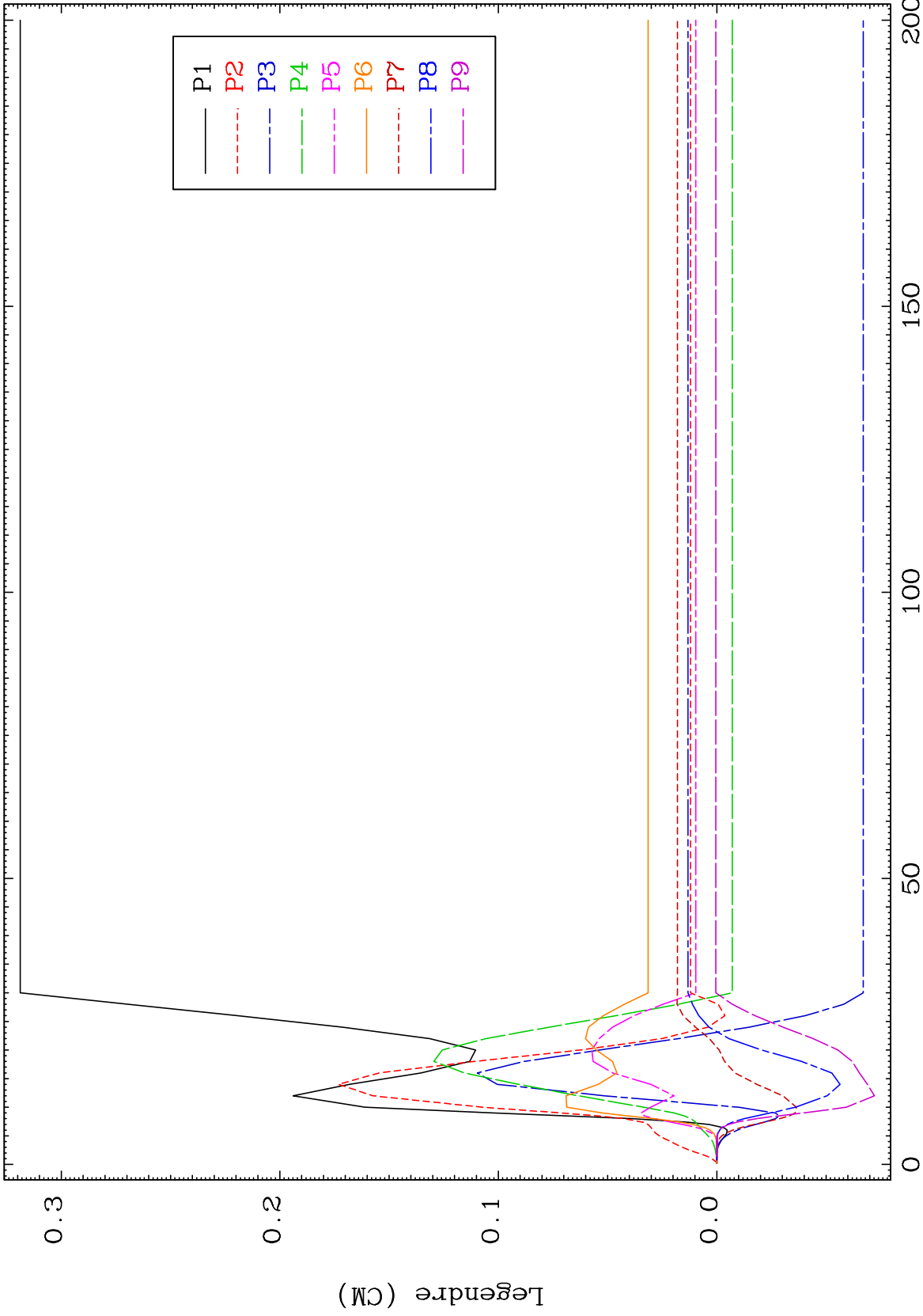
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



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Incident Energy (MeV)

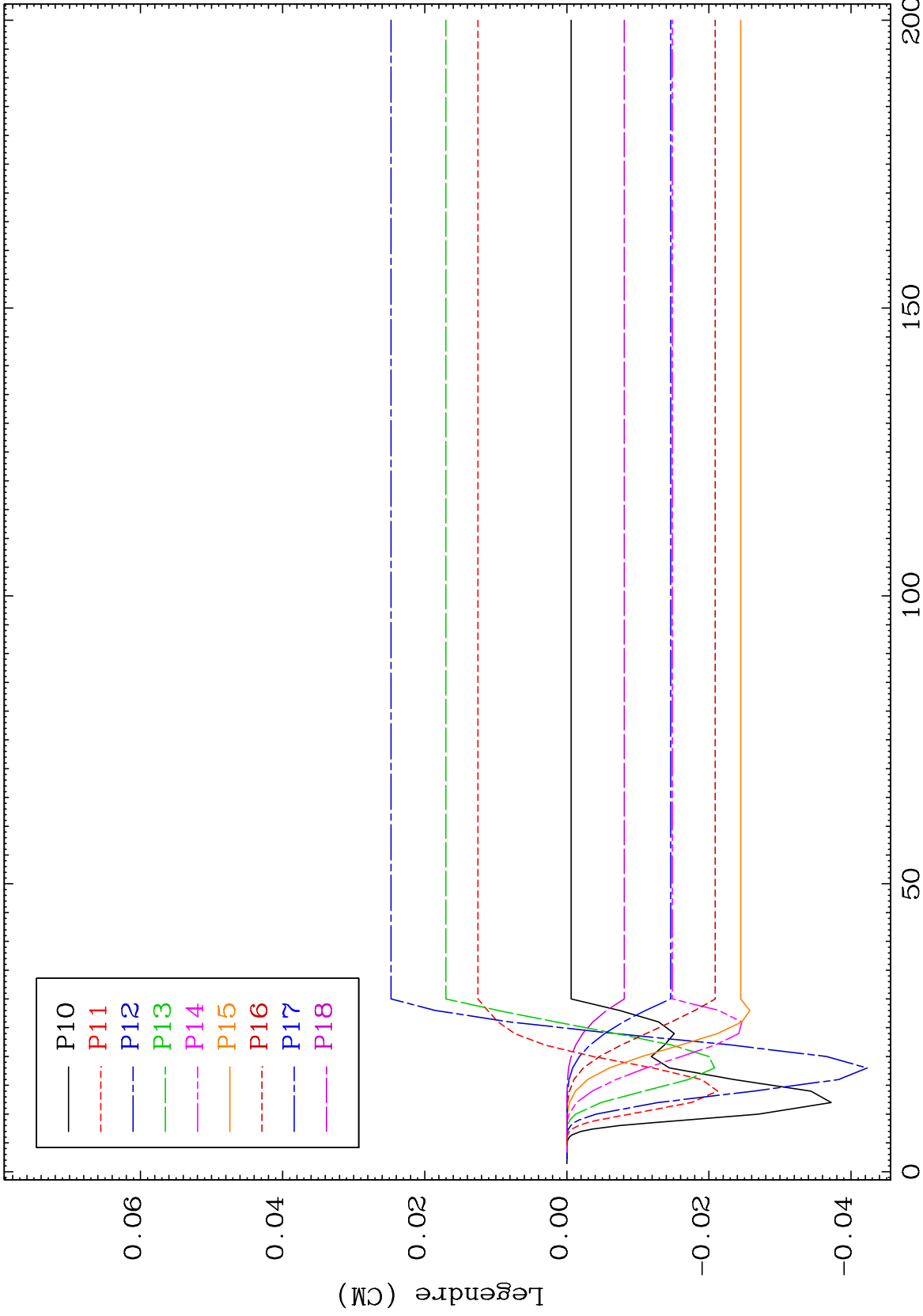
37-Rb-79



MAT 3707

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

37-Rb-79



32

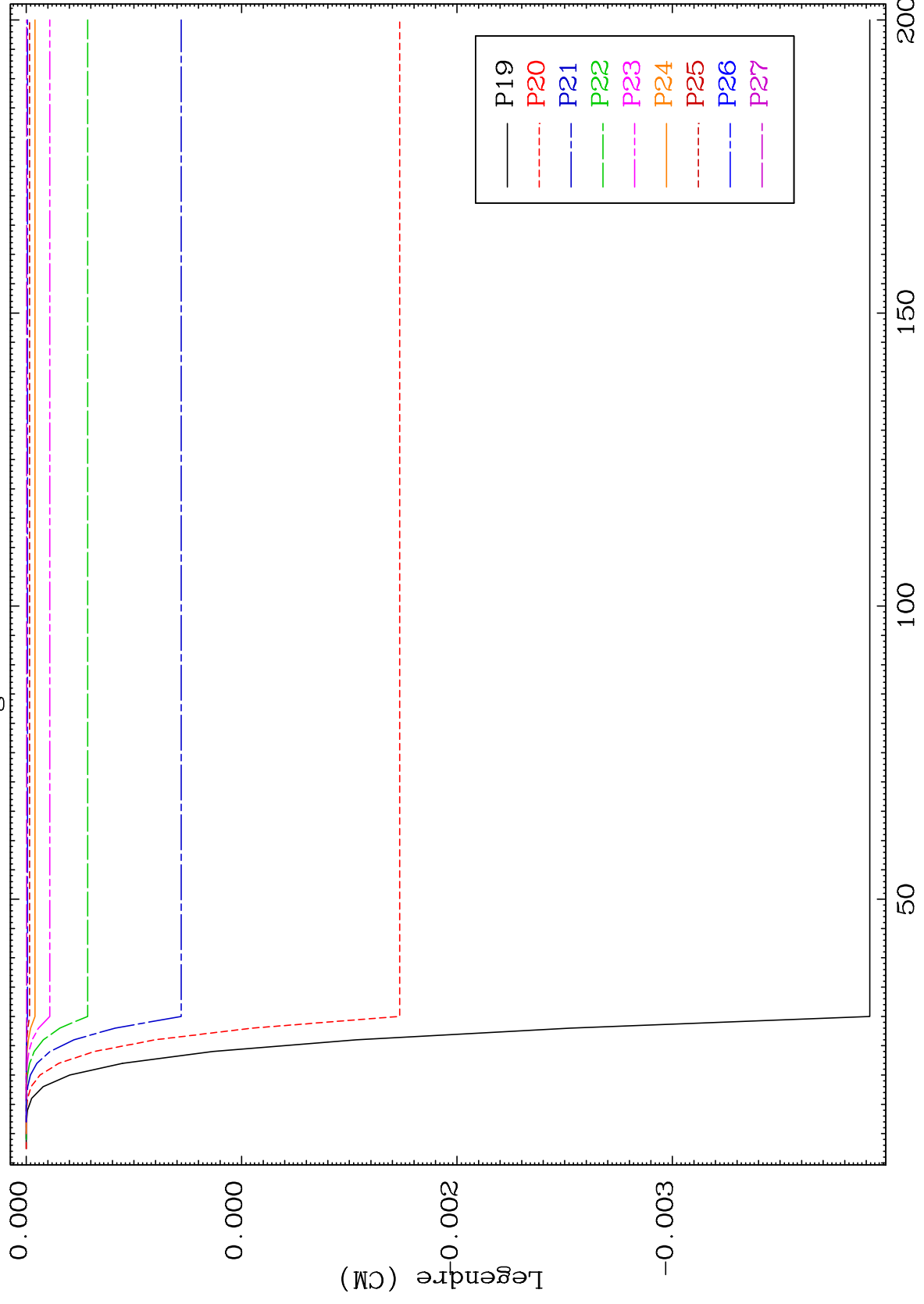
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



33

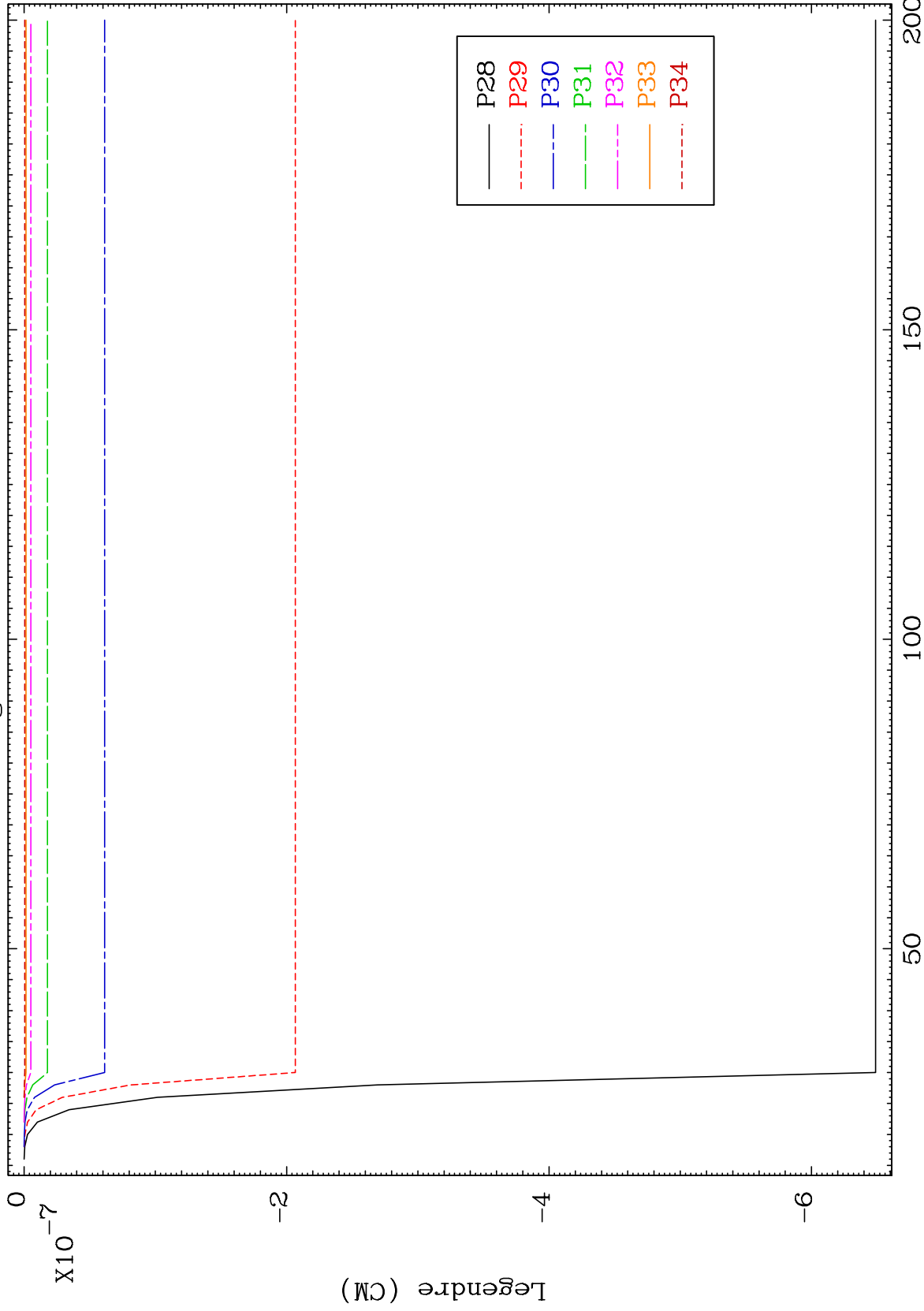
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



34

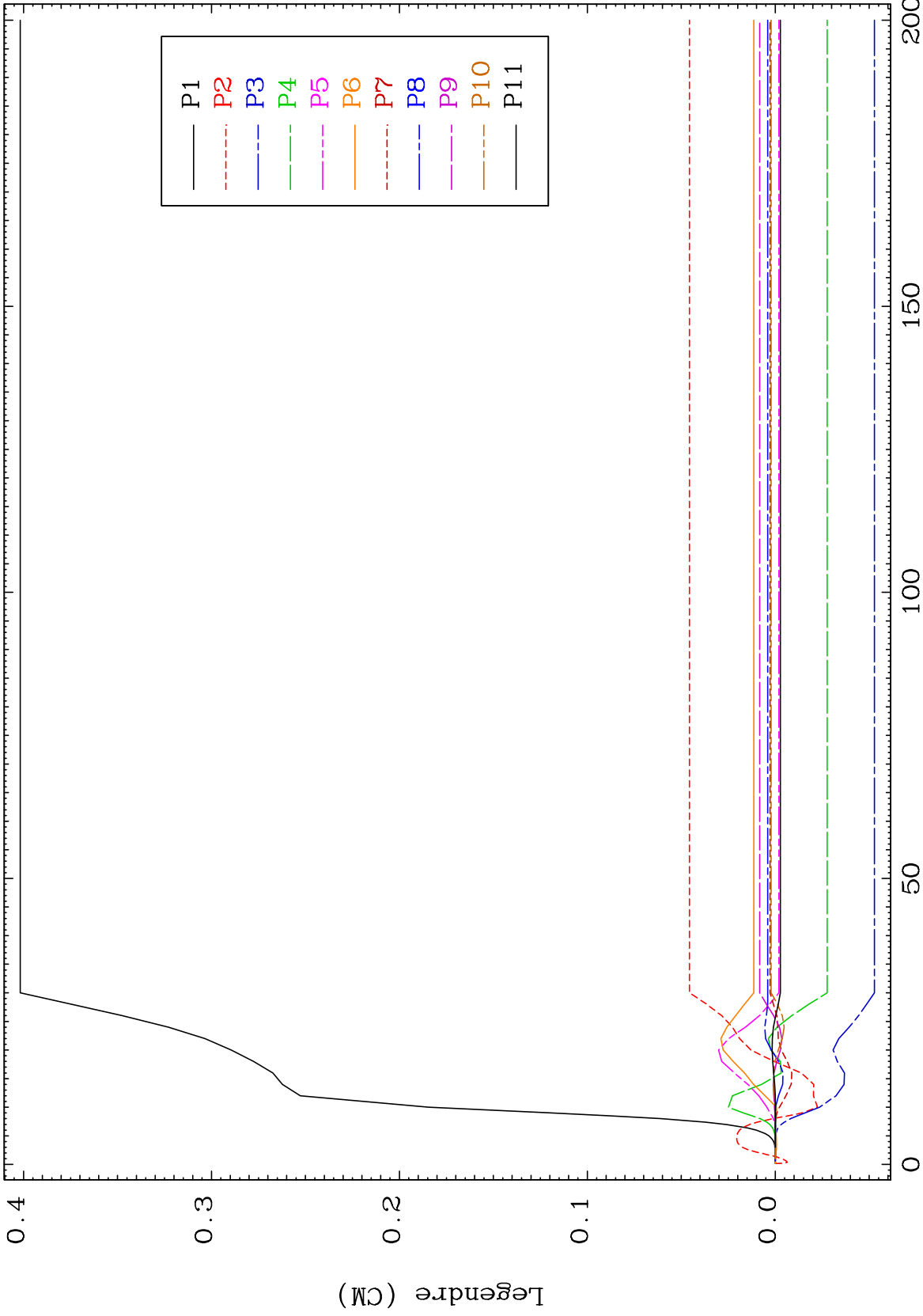
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

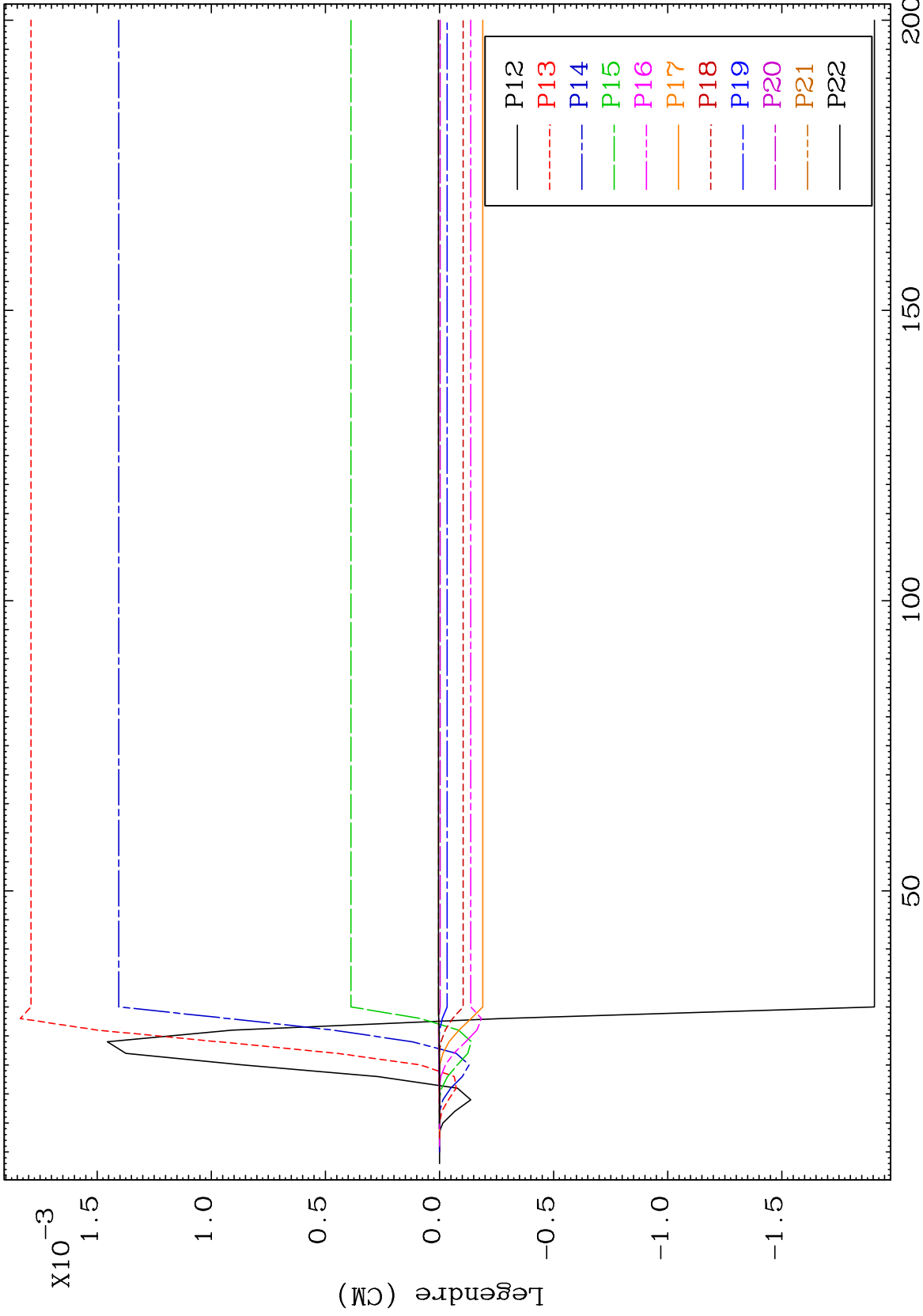
37-Rb-79



35

Incident Energy (MeV)

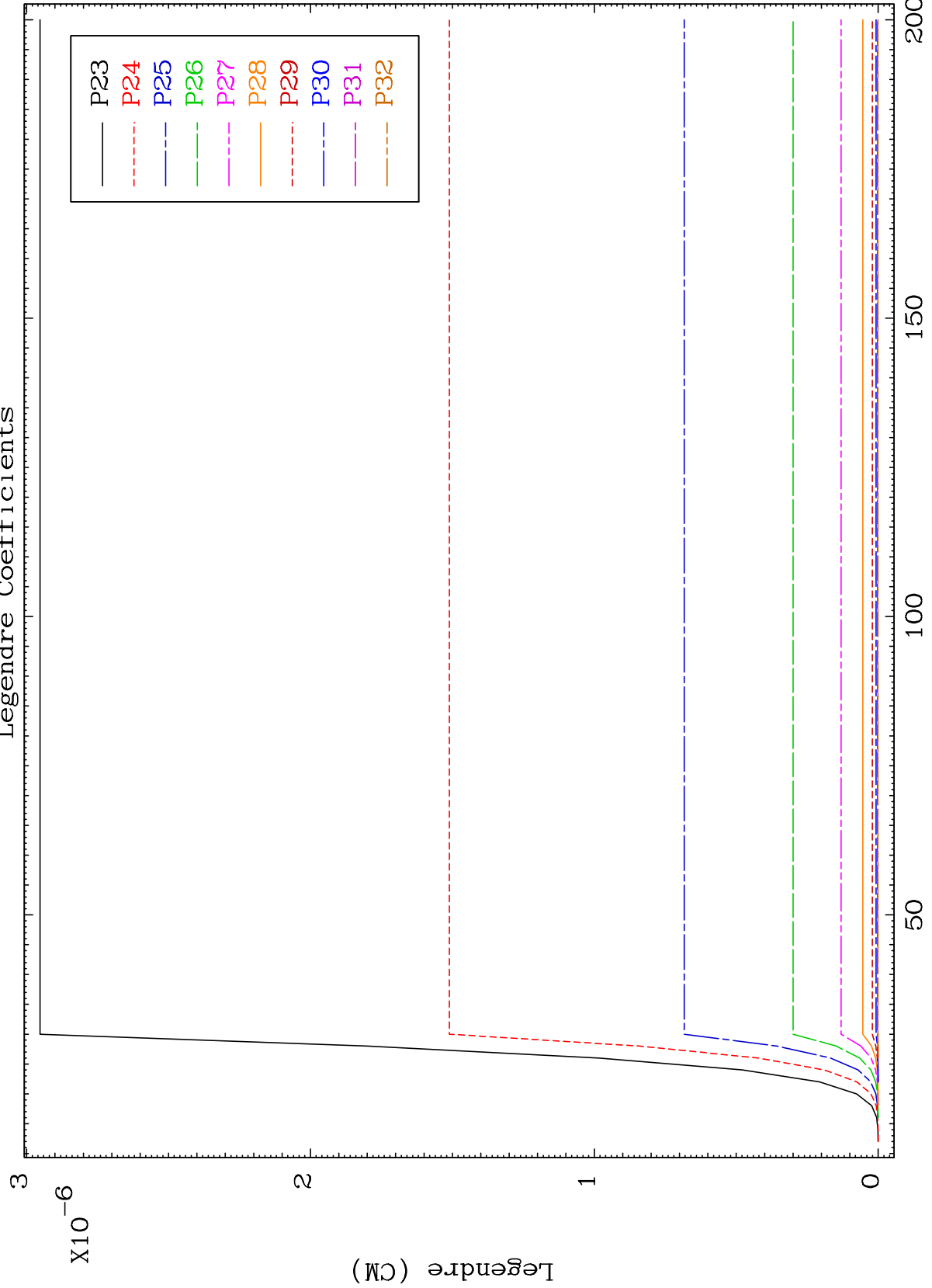
37-Rb-79



MAT 3707

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

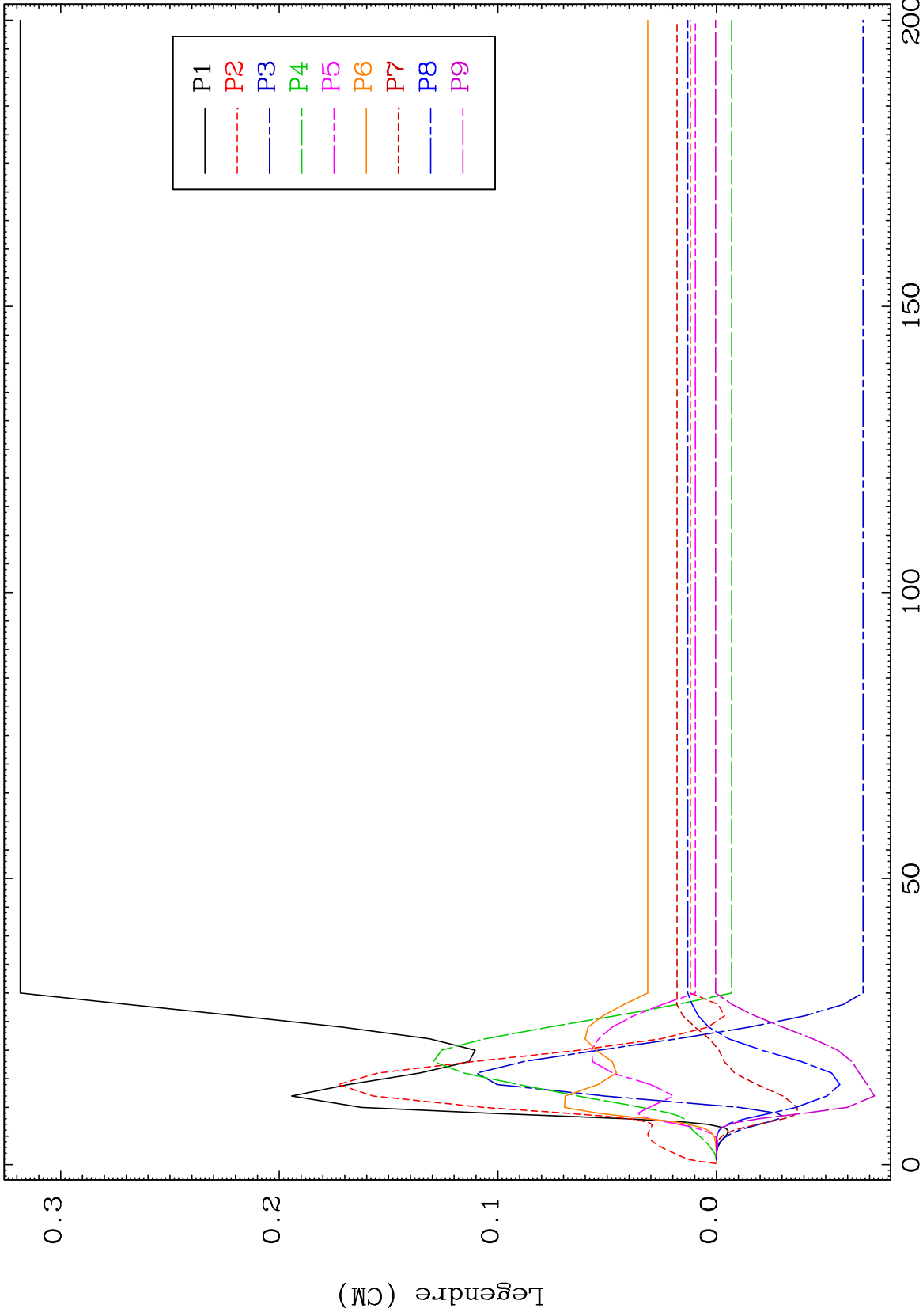
37-Rb-79



MAT 3707

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

37-Rb-79



38

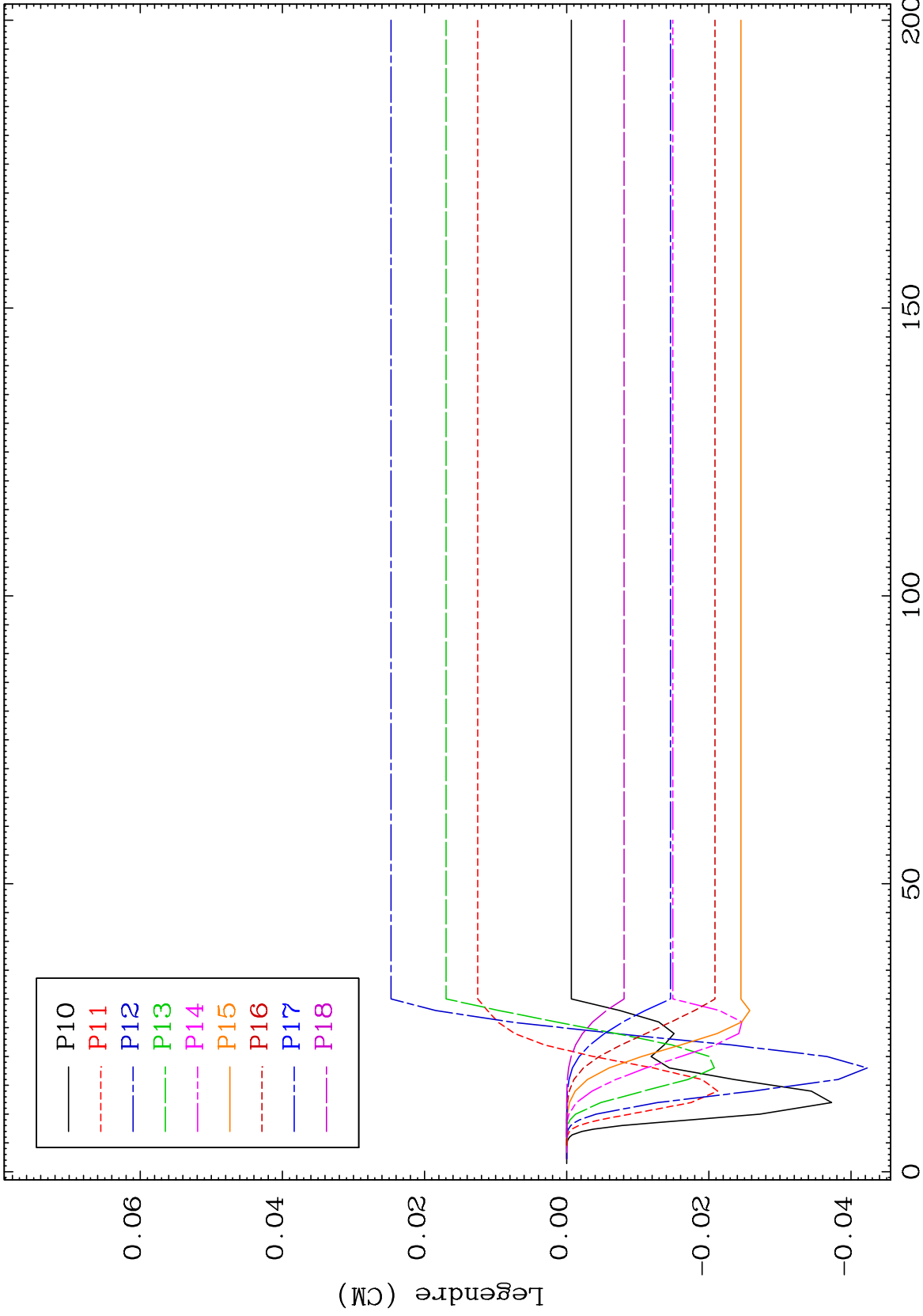
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



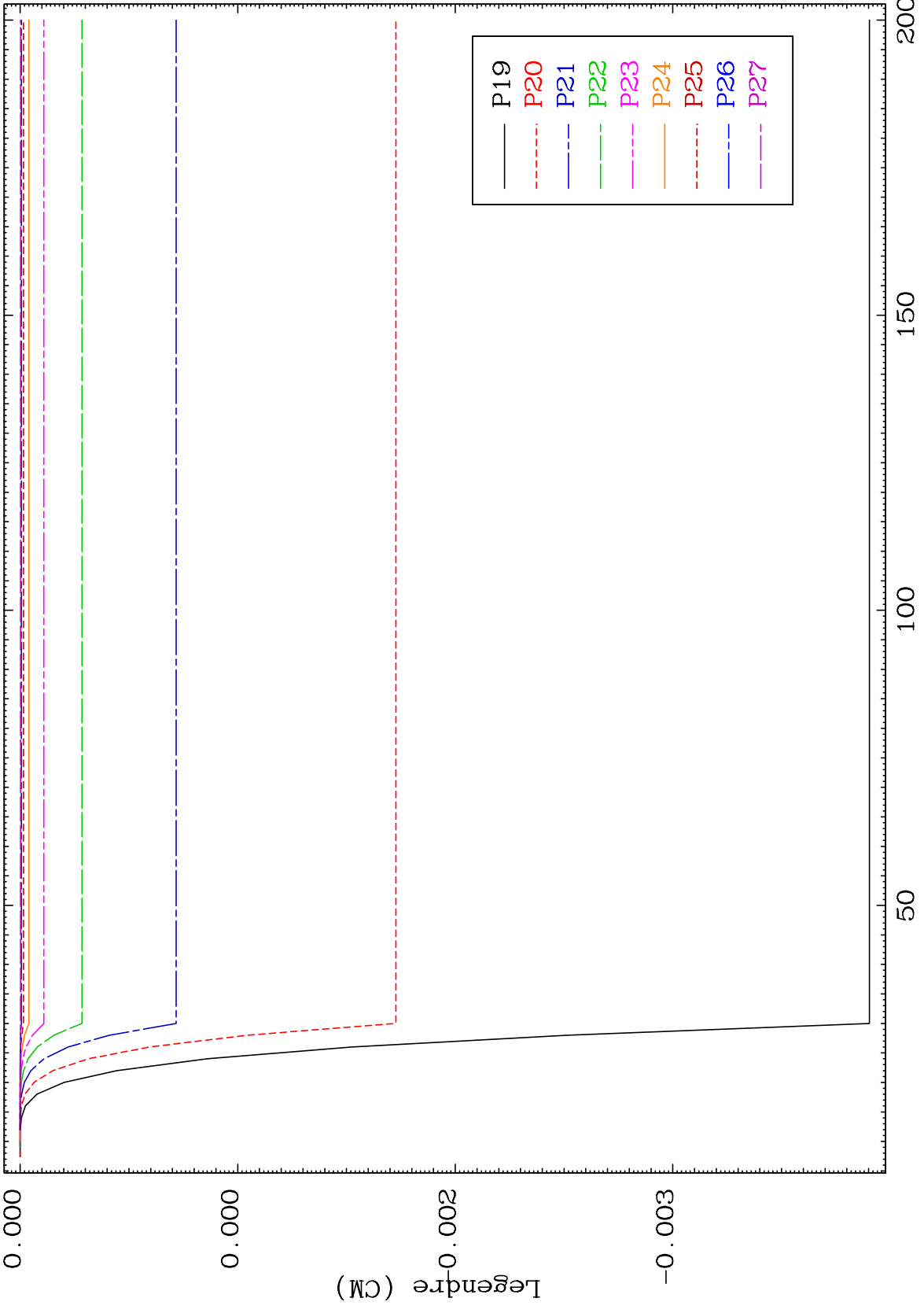
39

Incident Energy (MeV)

37-Rb-79



MAT 3707 MT= 56 (n,n') Level Legendre Coefficients 37-Rb-79

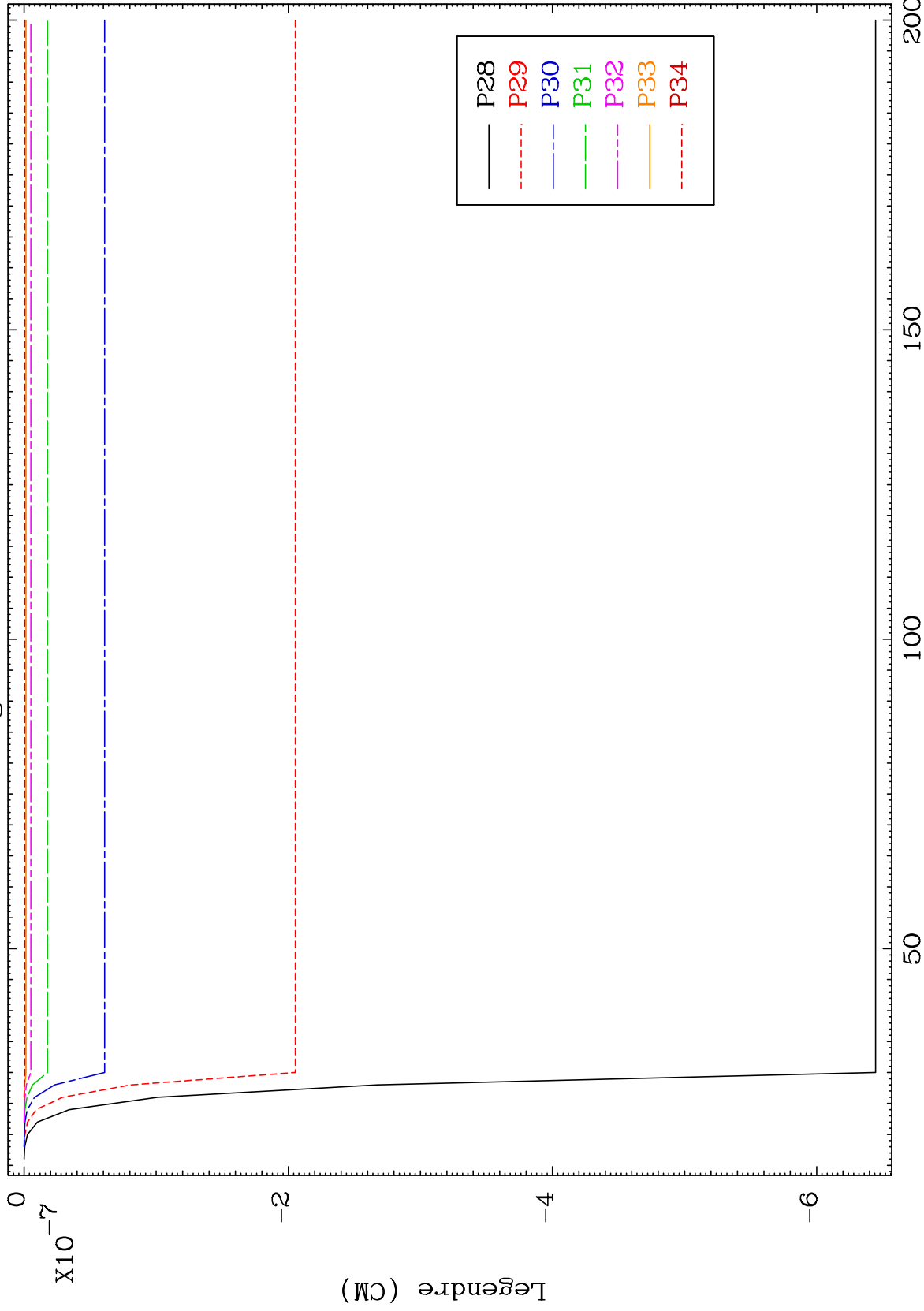


40 Incident Energy (MeV) 37-Rb-79

MAT 3707

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

37-Rb-79



41

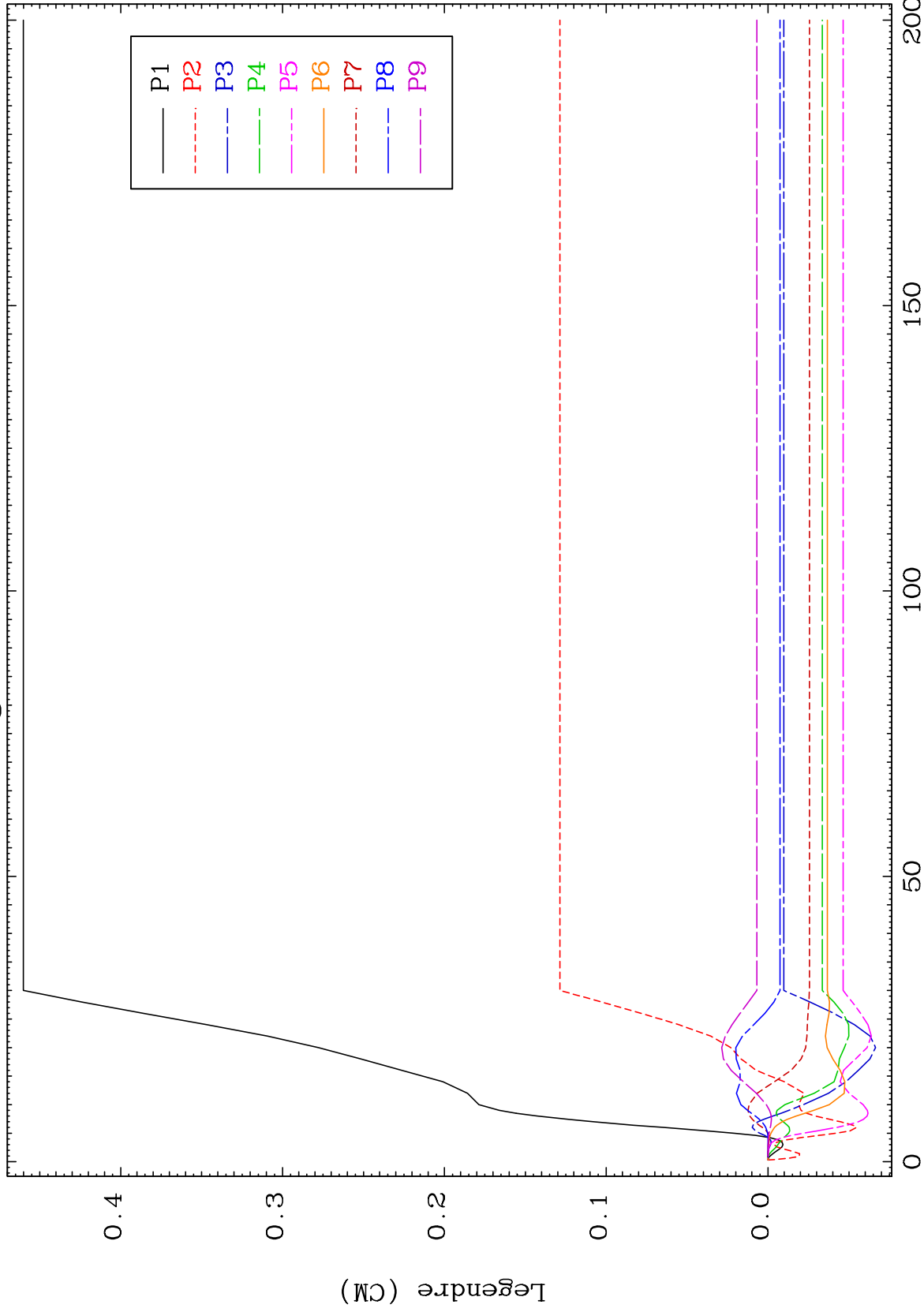
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



42

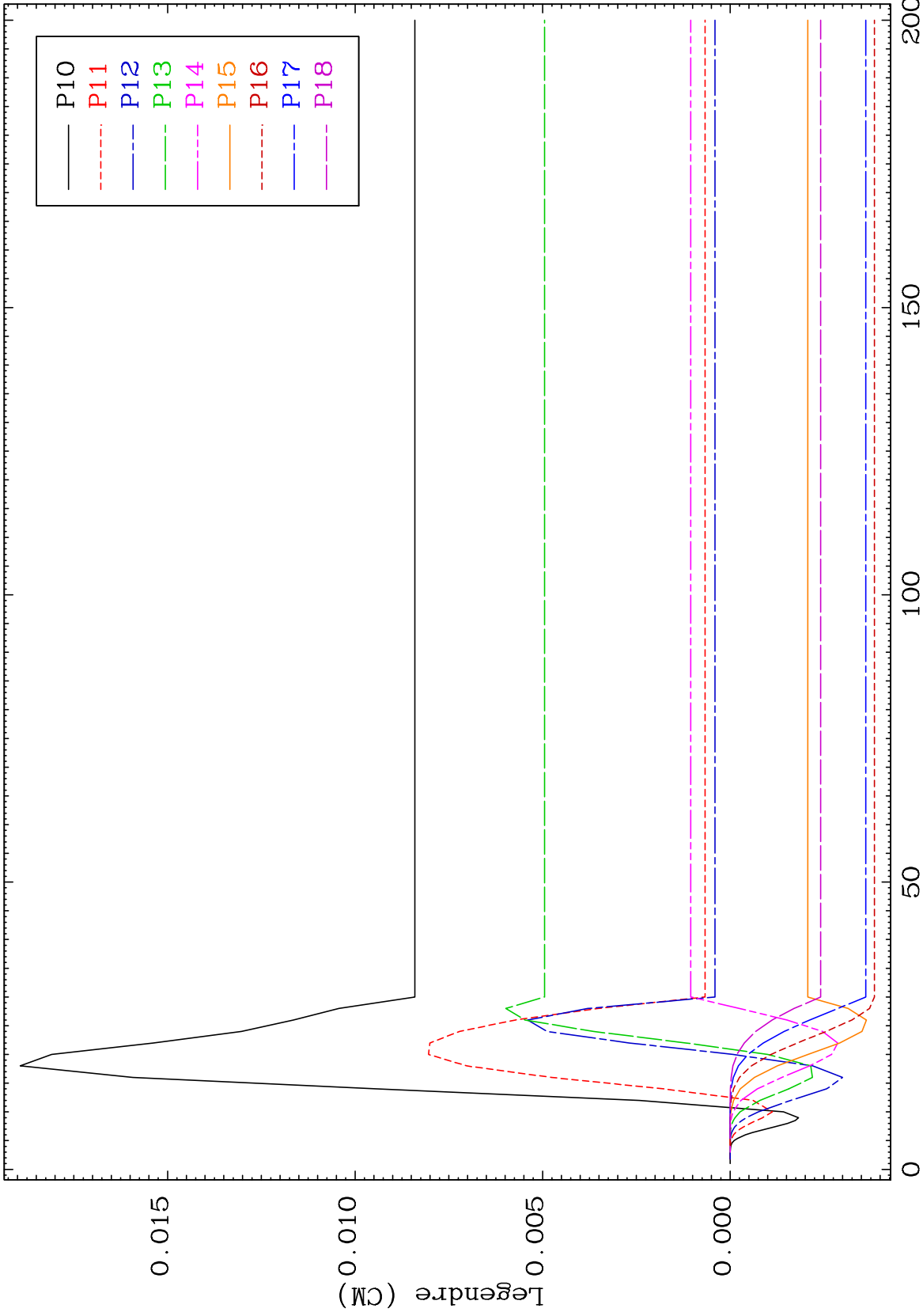
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

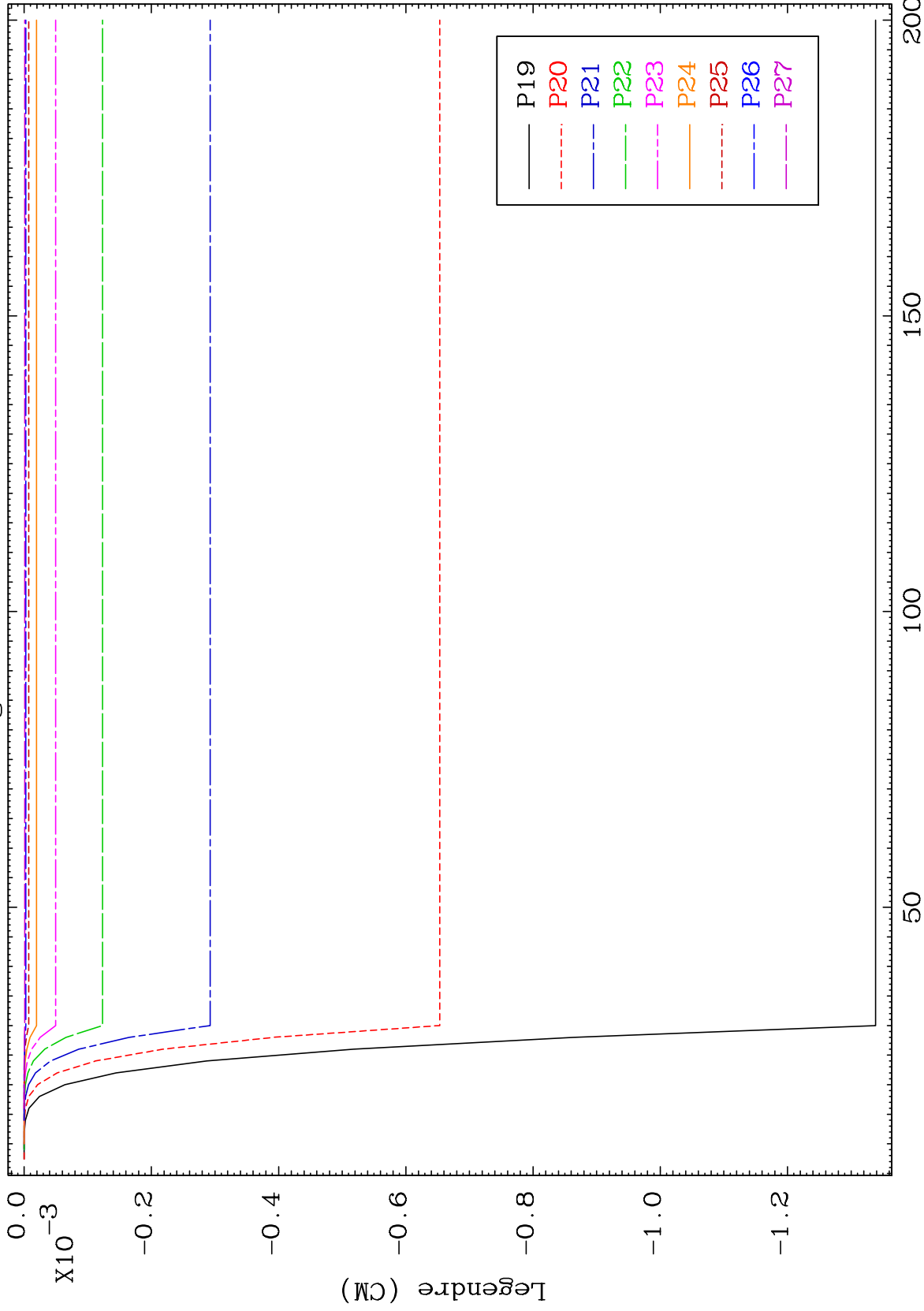
37-Rb-79



43

Incident Energy (MeV)

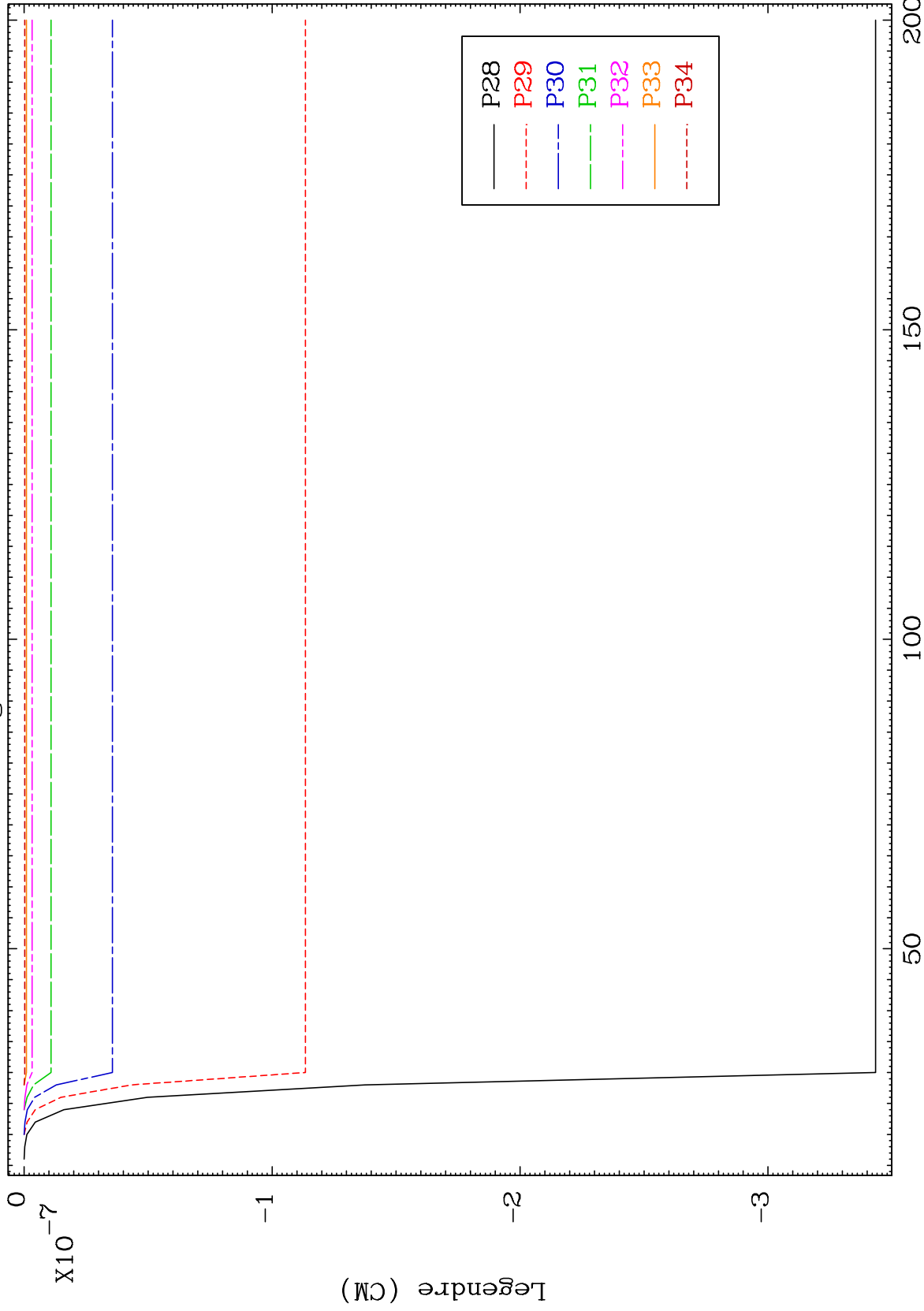
37-Rb-79



MAT 3707

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

37-Rb-79



37-Rb-79

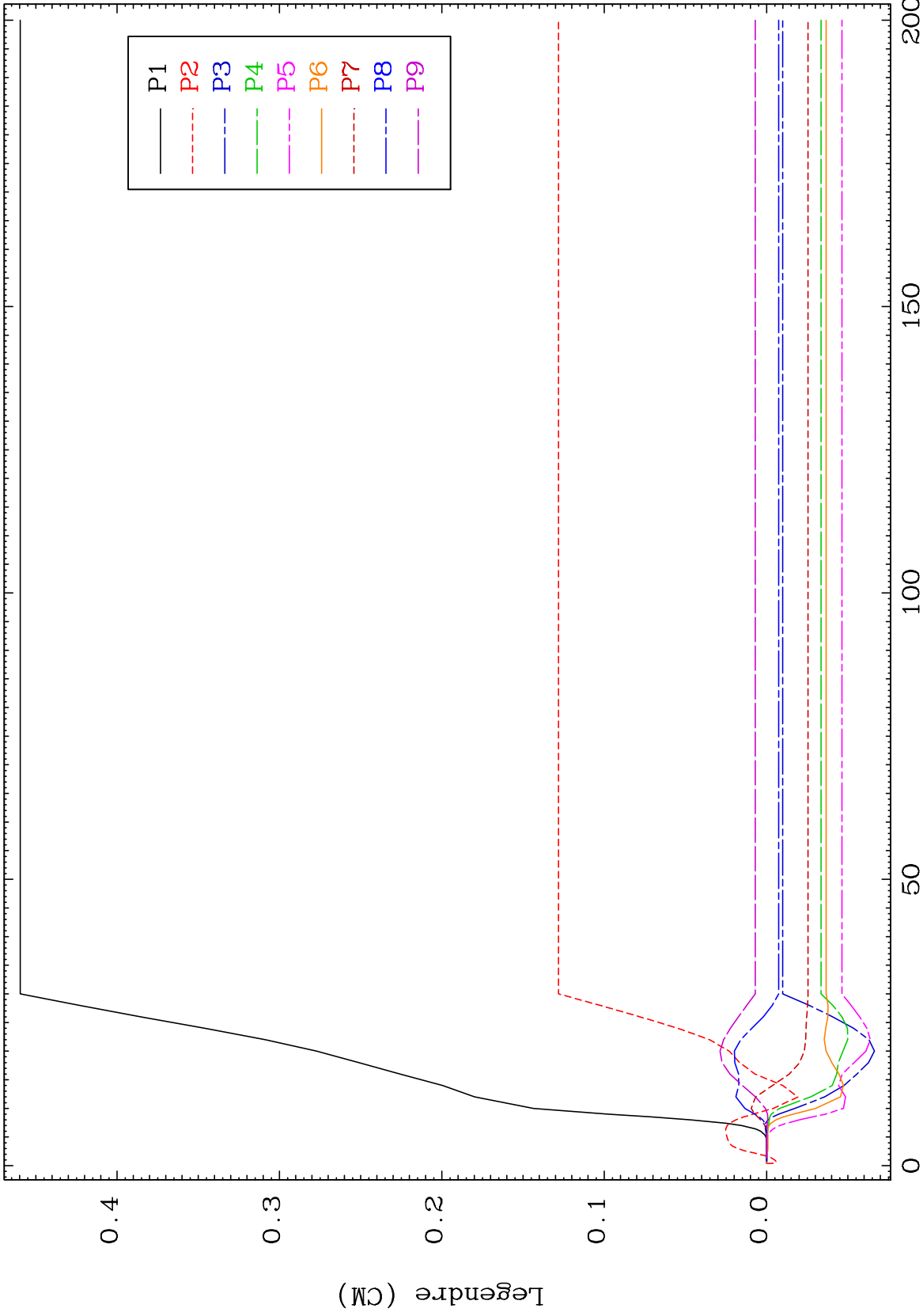
Incident Energy (MeV)

45

MAT 3707

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

37-Rb-79



46

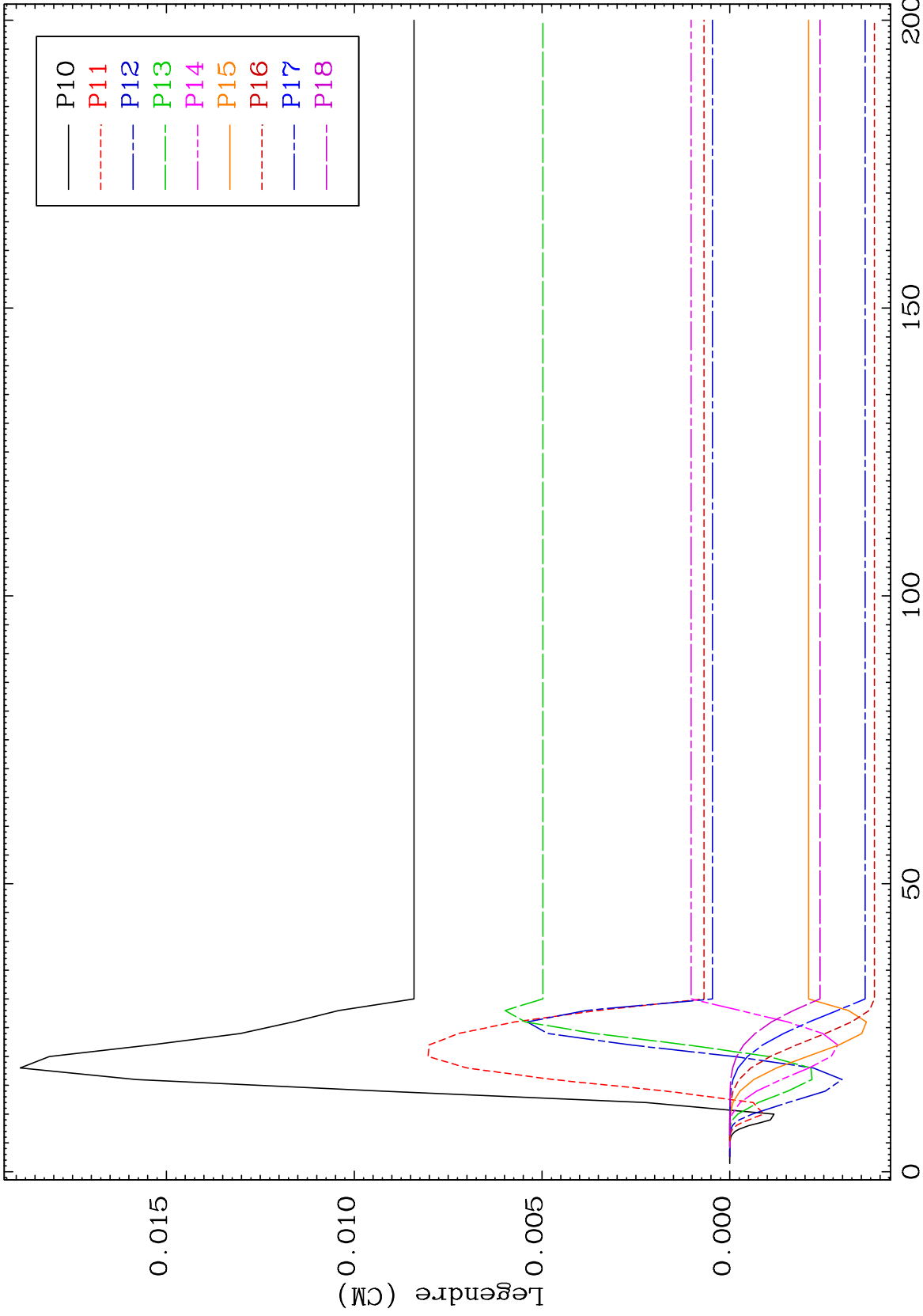
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79

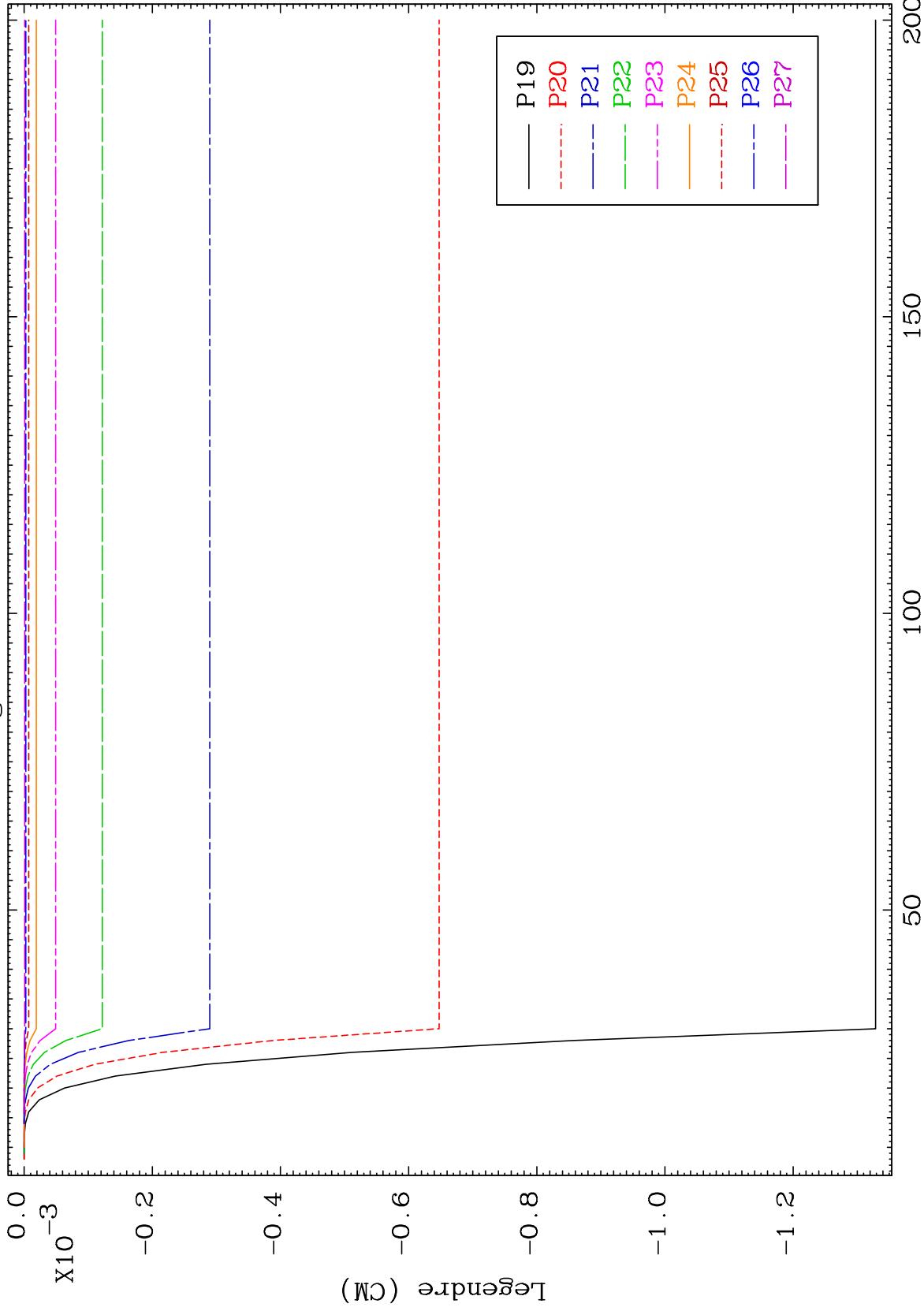


47

Incident Energy (MeV)

37-Rb-79

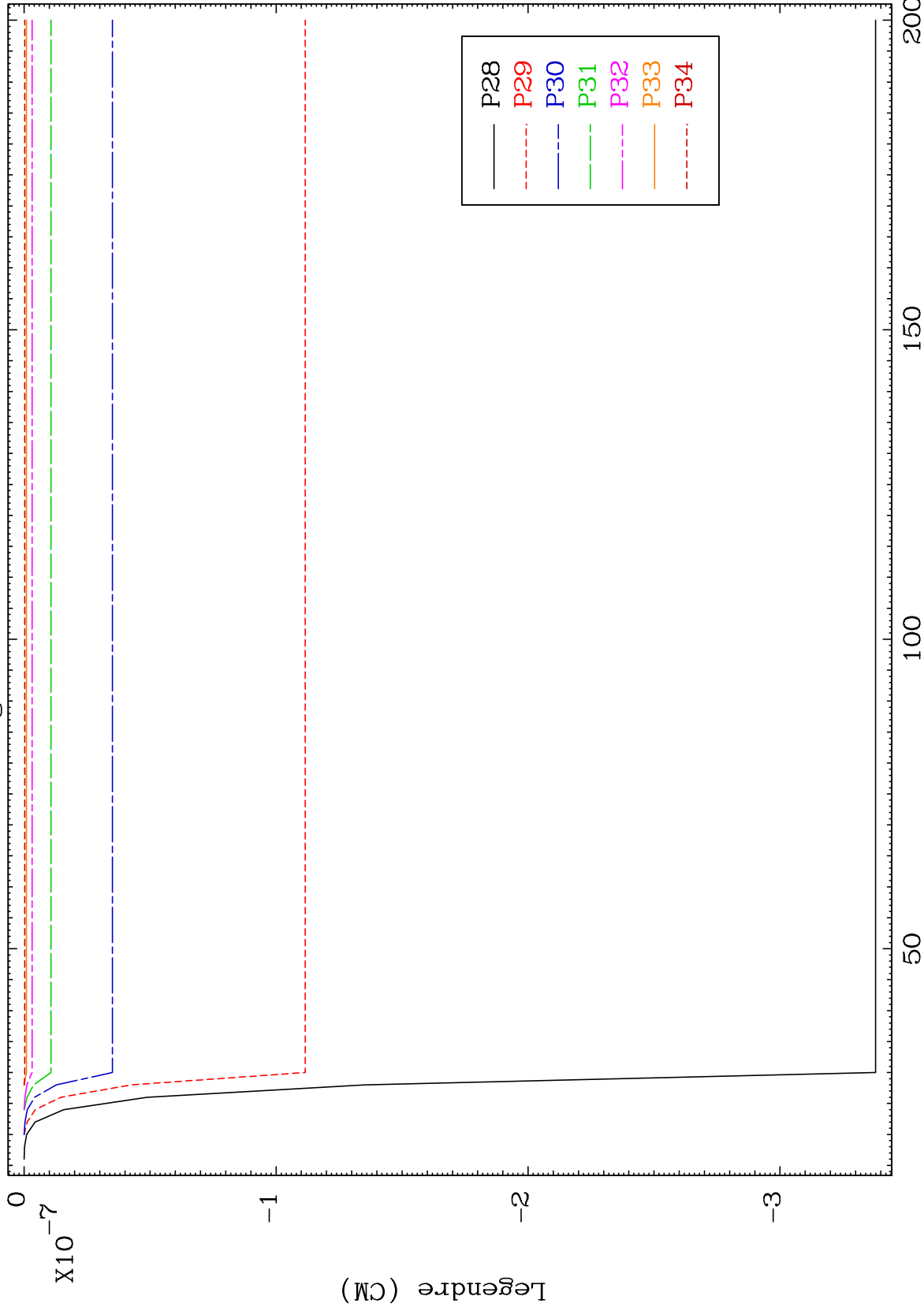




MAT 3707

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

37-Rb-79



37-Rb-79

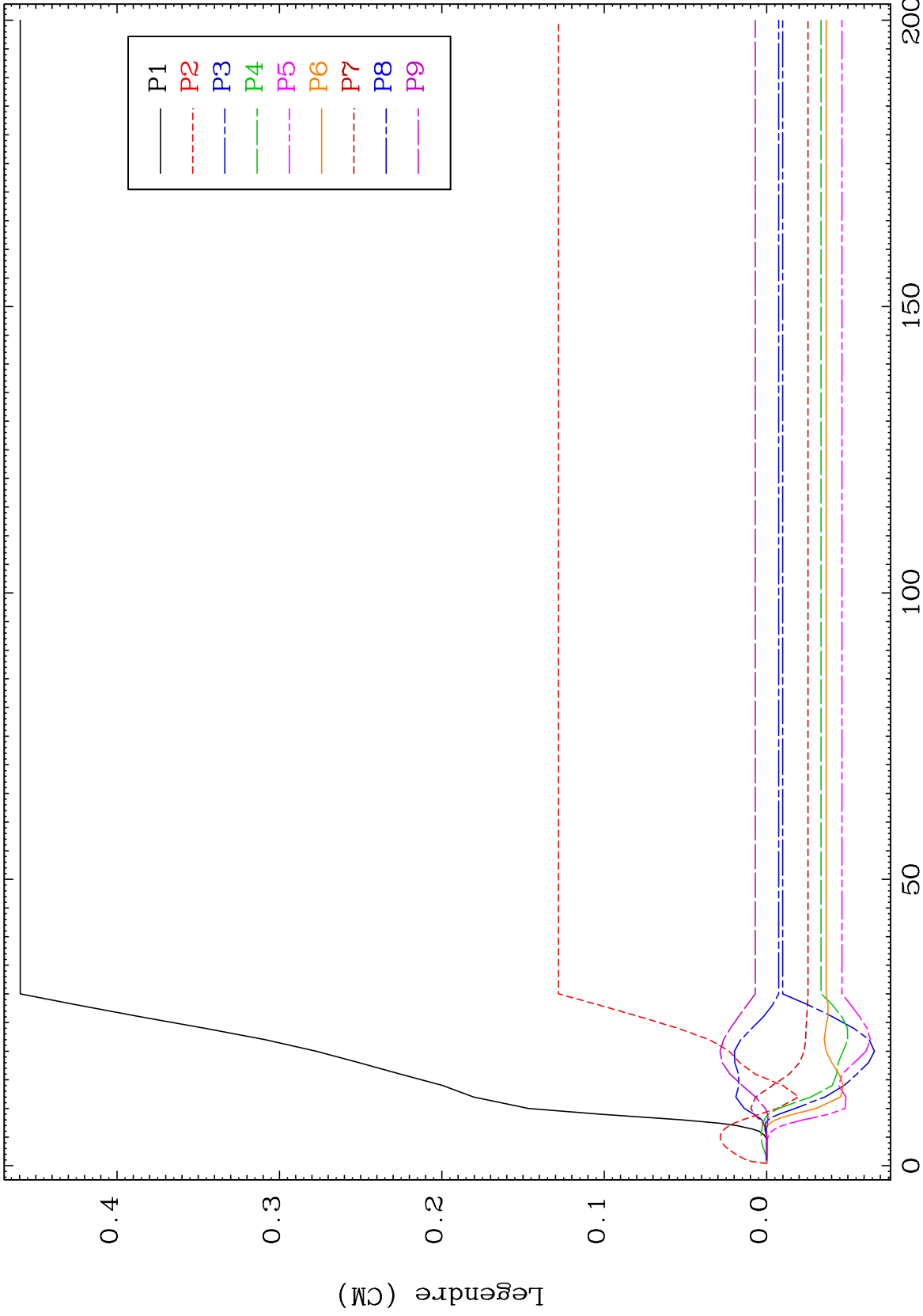
Incident Energy (MeV)

49

MAT 3707

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

37-Rb-79



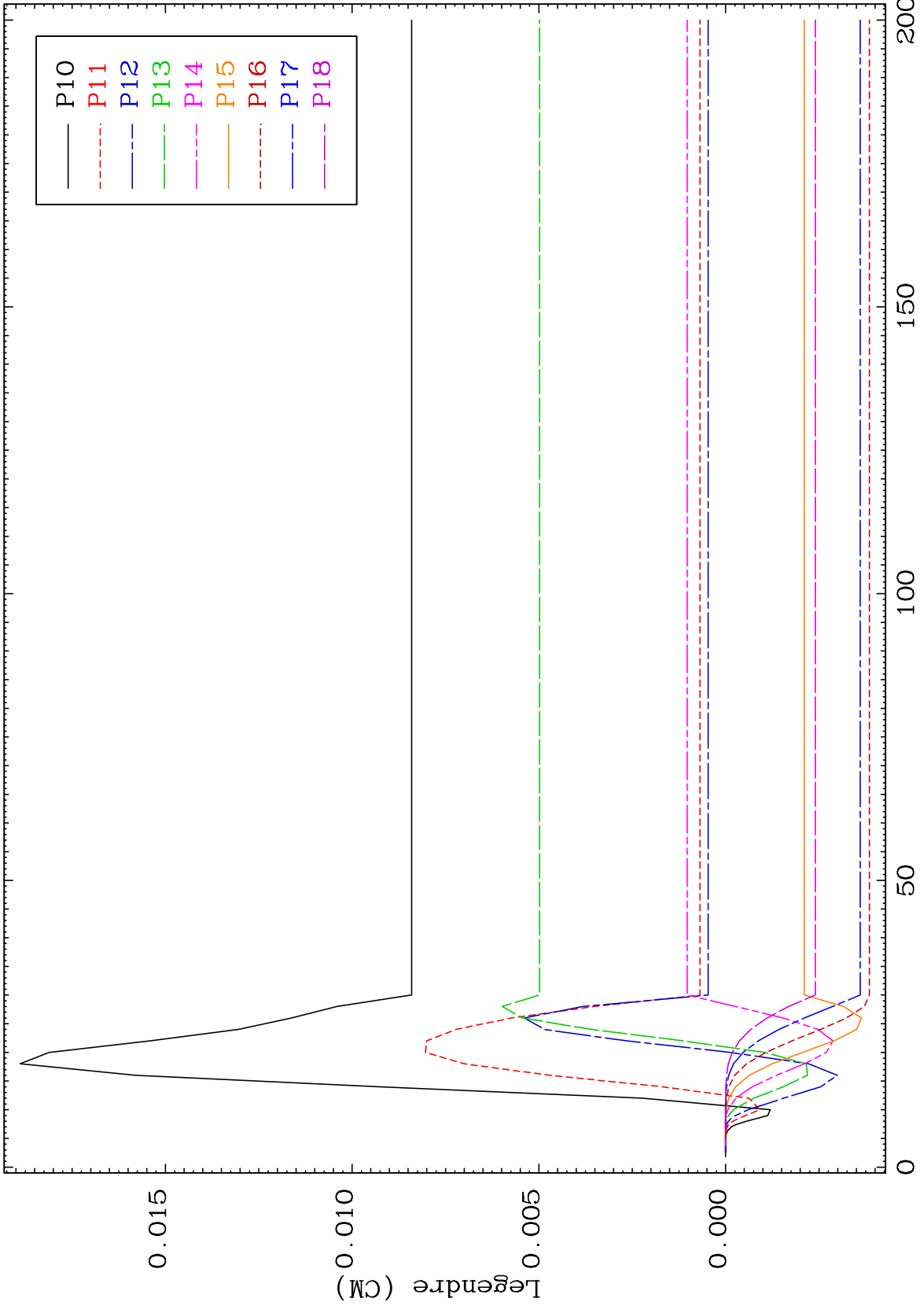
37-Rb-79

Incident Energy (MeV)

MAT 3707

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

37-Rb-79



51

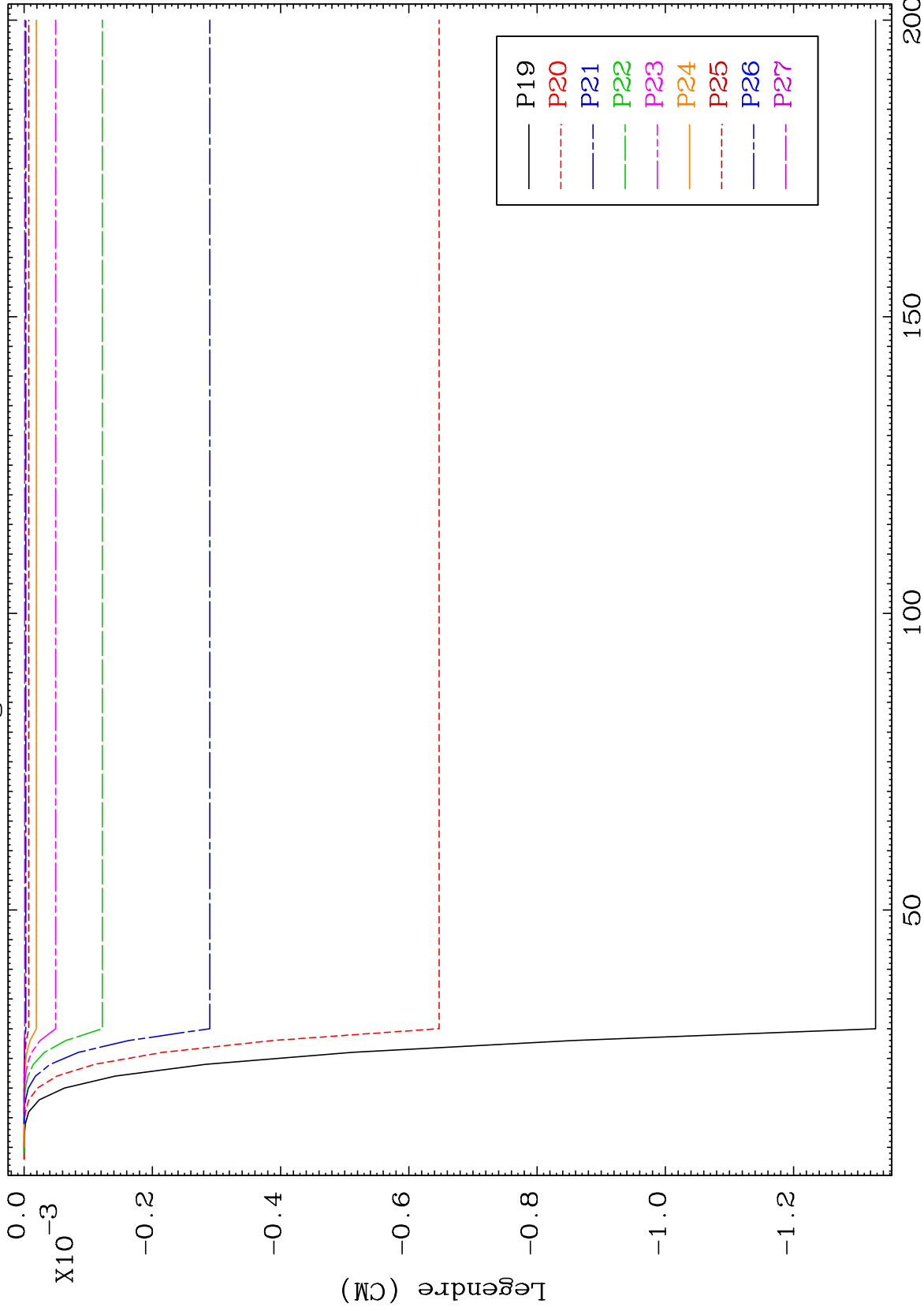
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



52

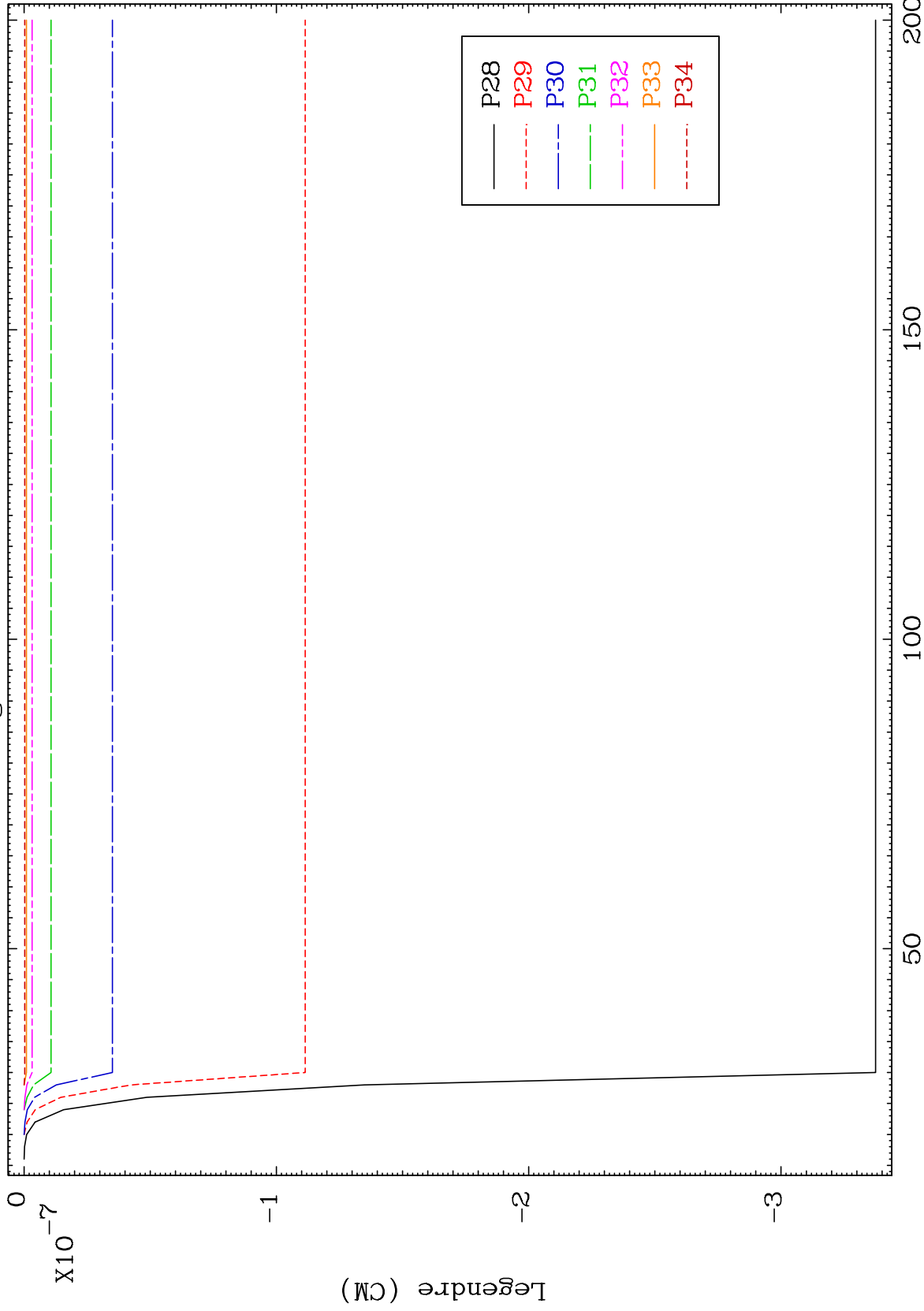
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



37-Rb-79

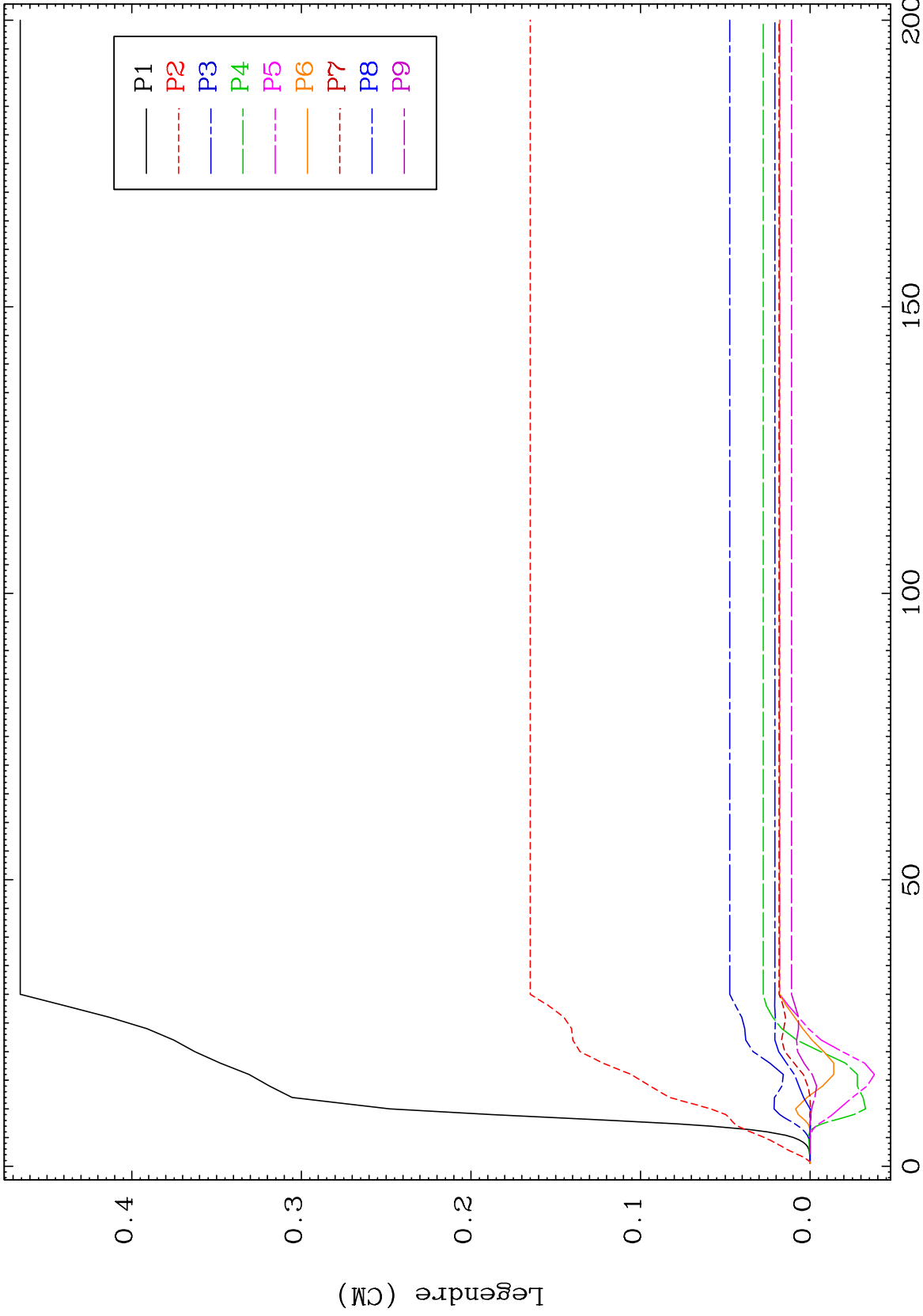
Incident Energy (MeV)

53

MAT 3707

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

37-Rb-79



54

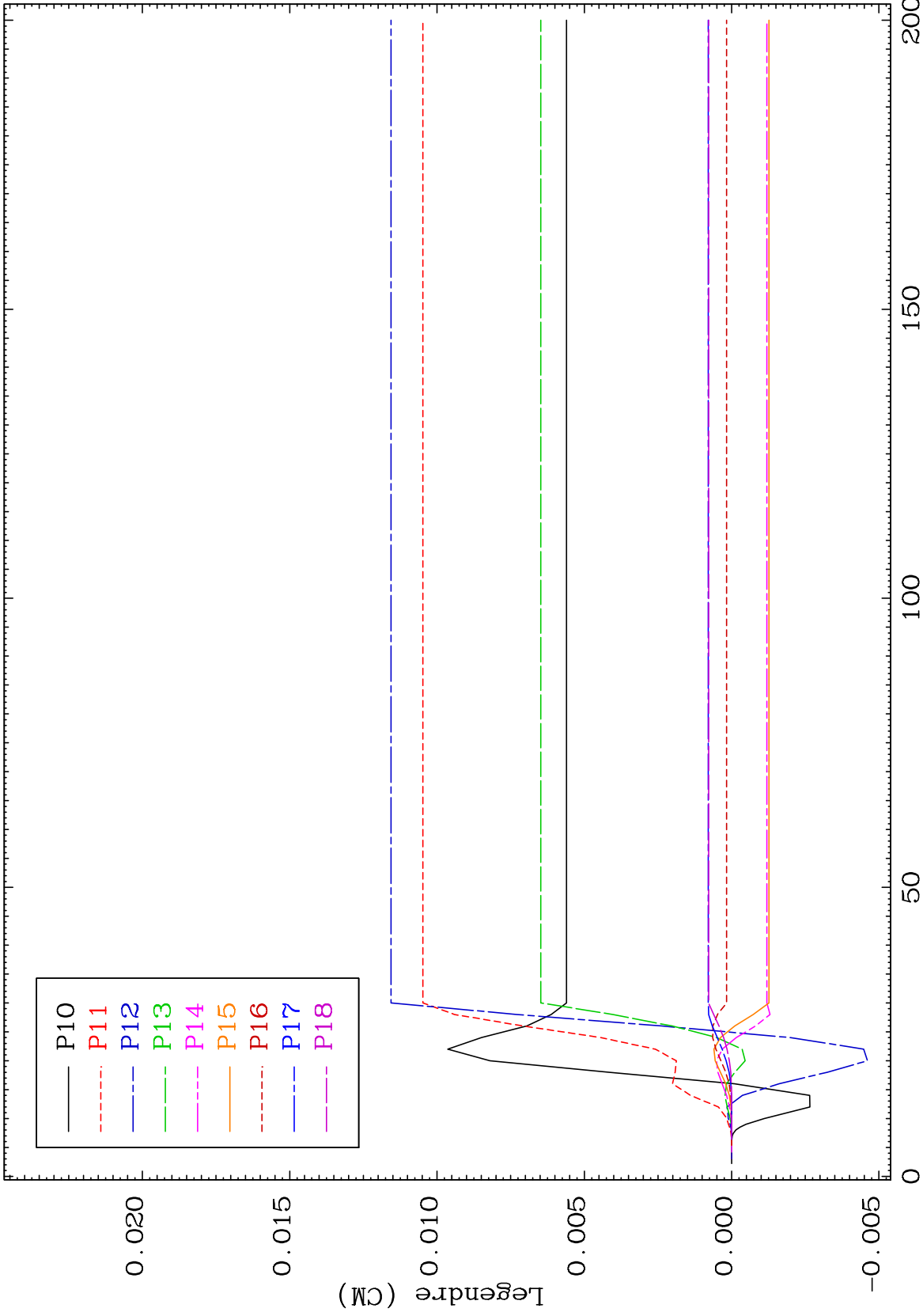
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



55

Incident Energy (MeV)

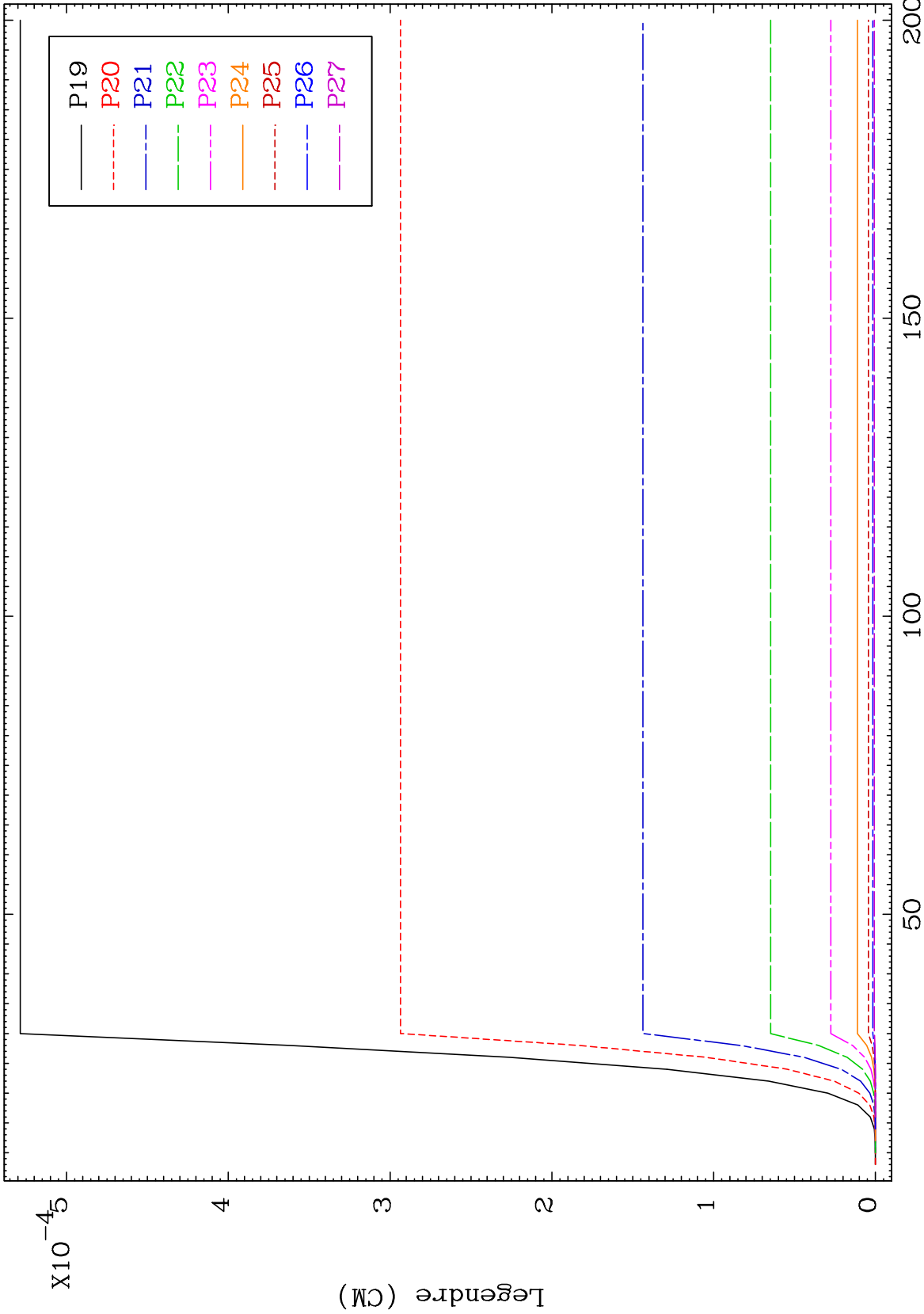
37-Rb-79



MAT 3707

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

37-Rb-79



56

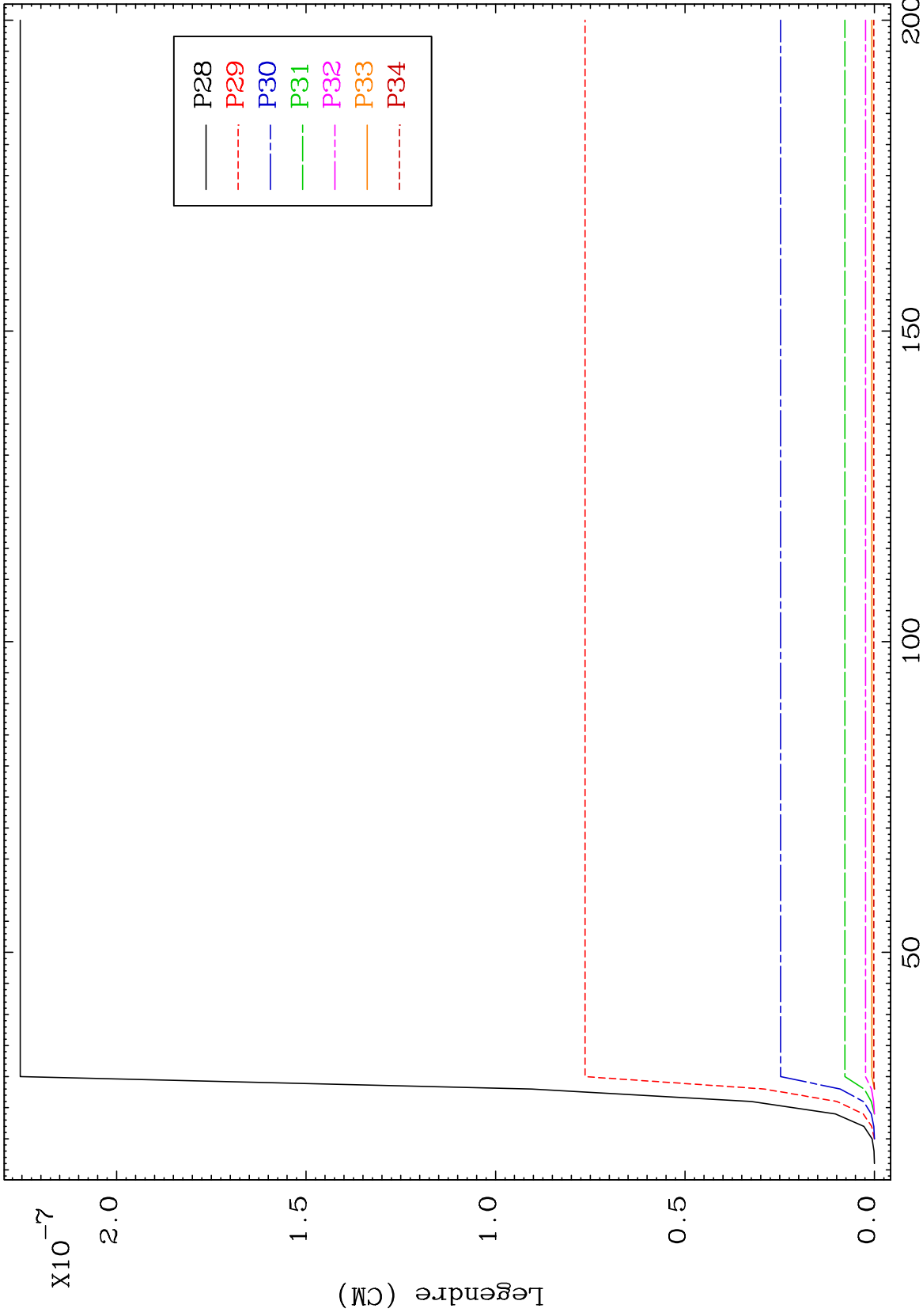
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



57

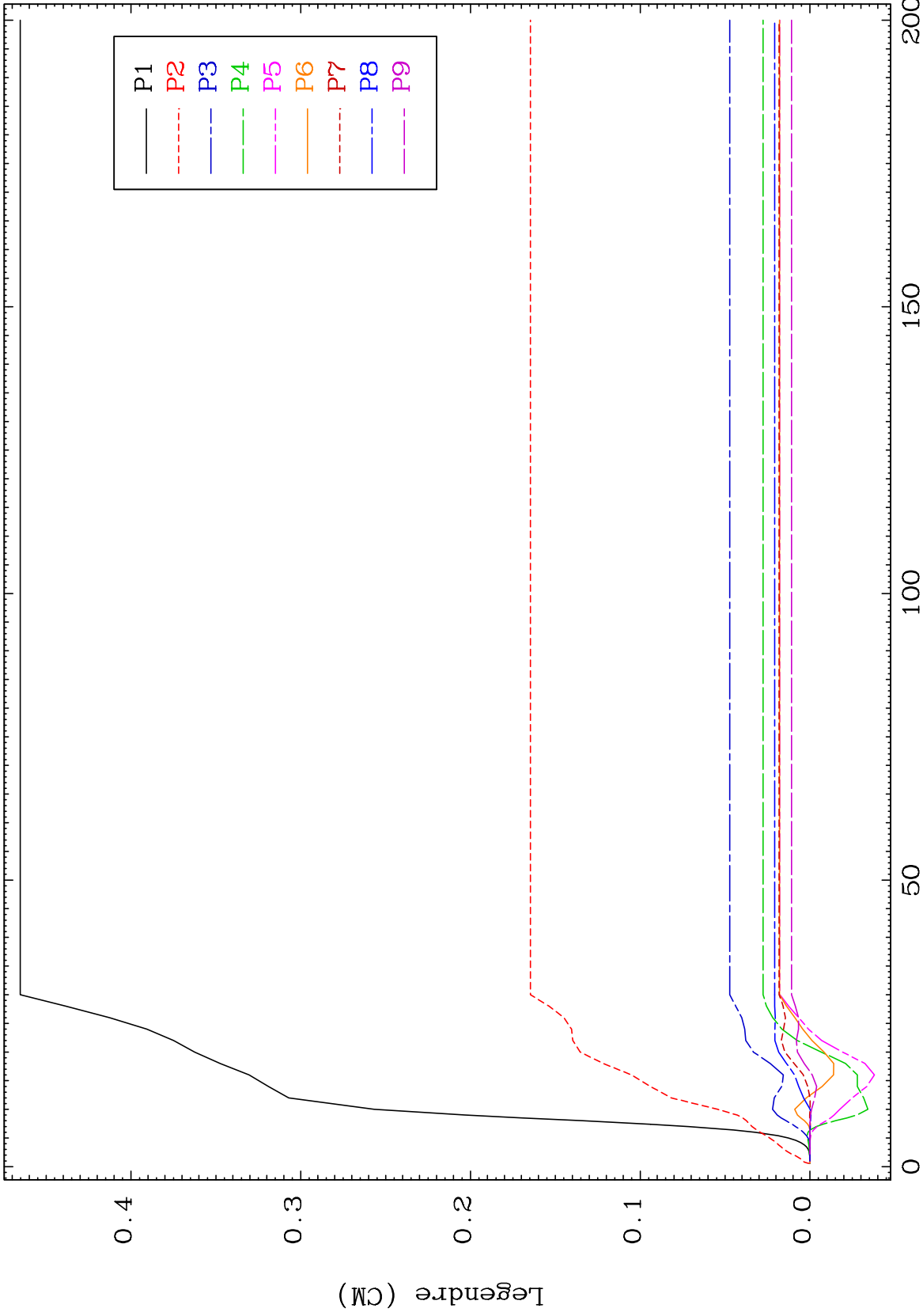
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



58

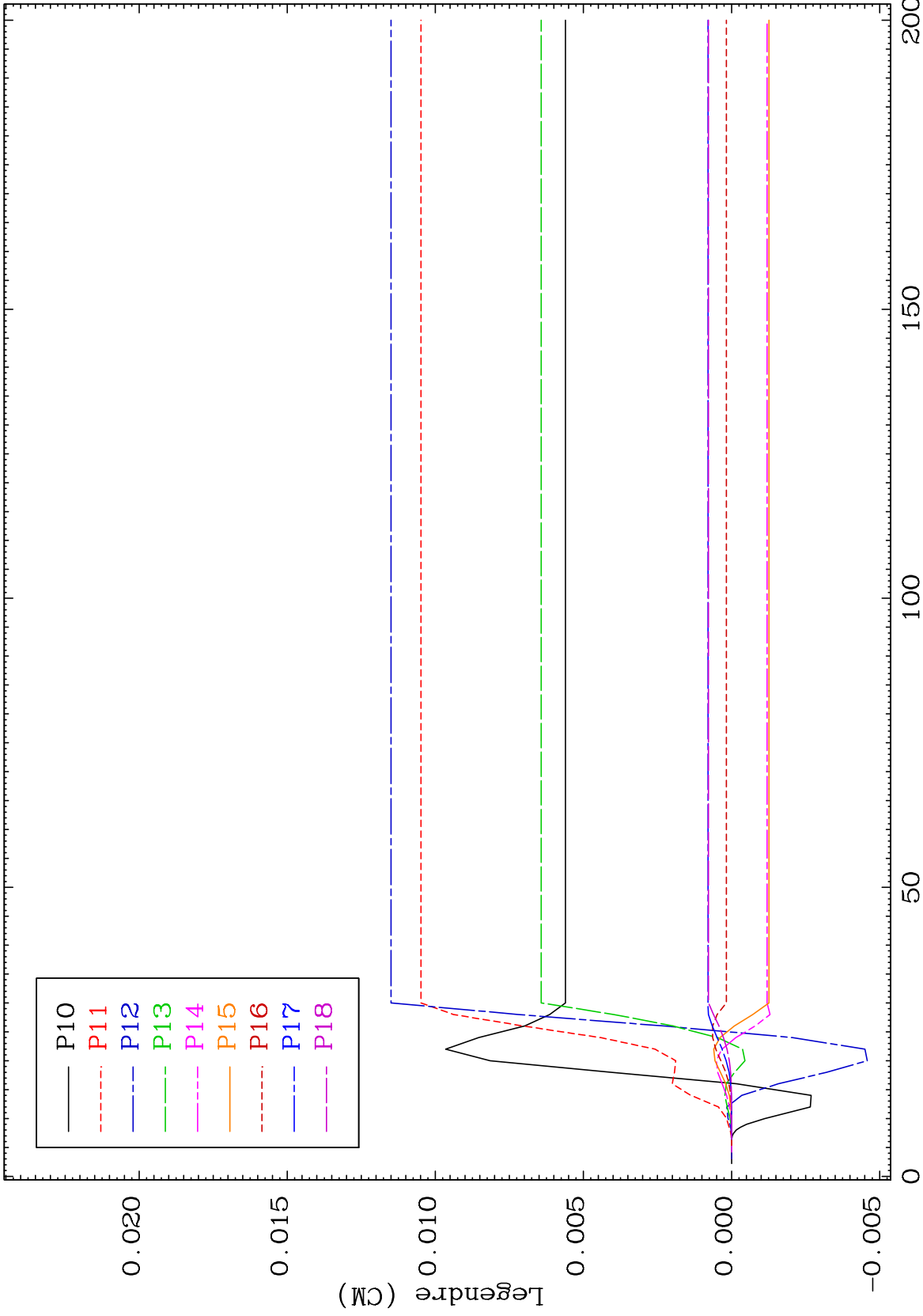
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



59

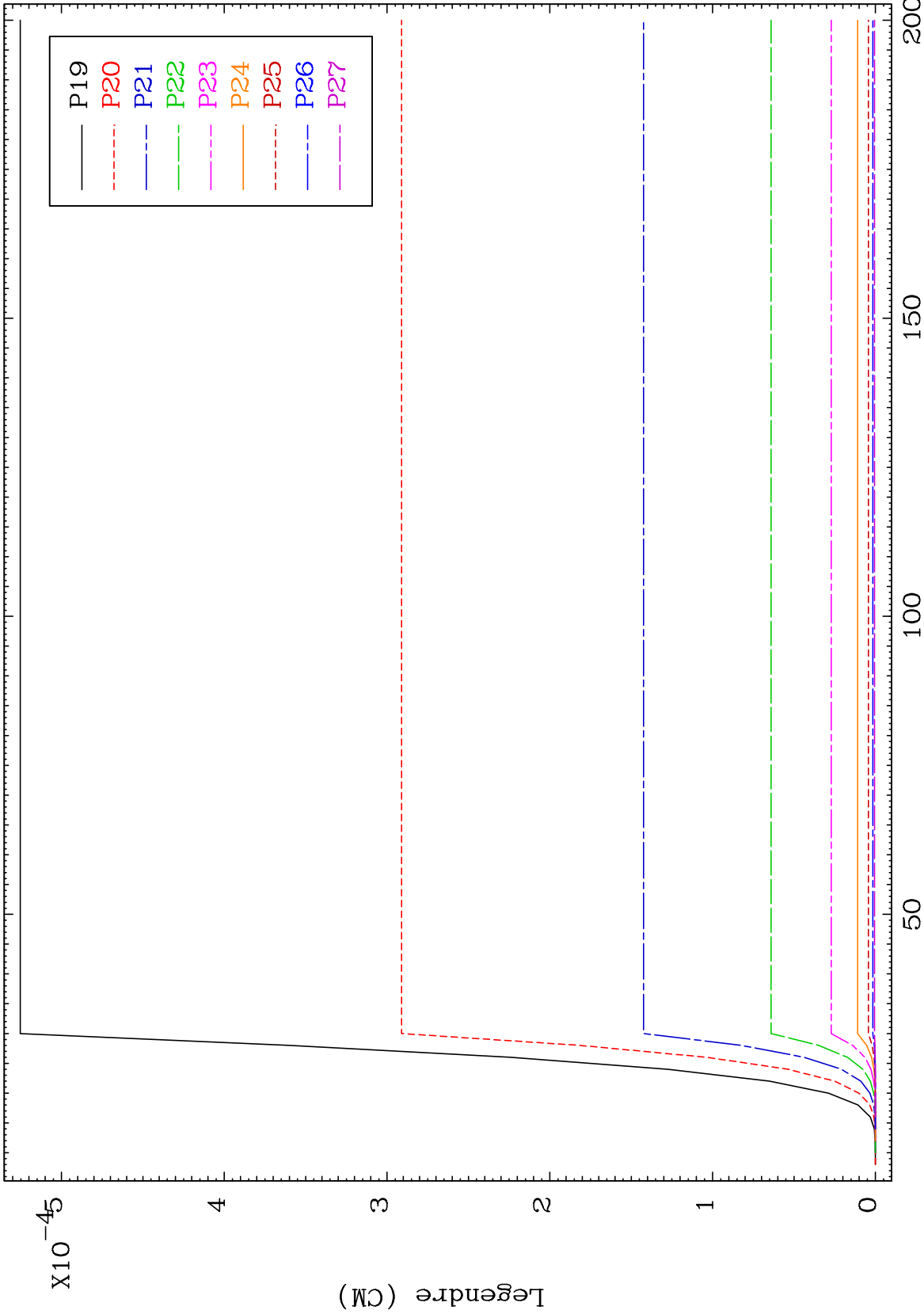
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



60

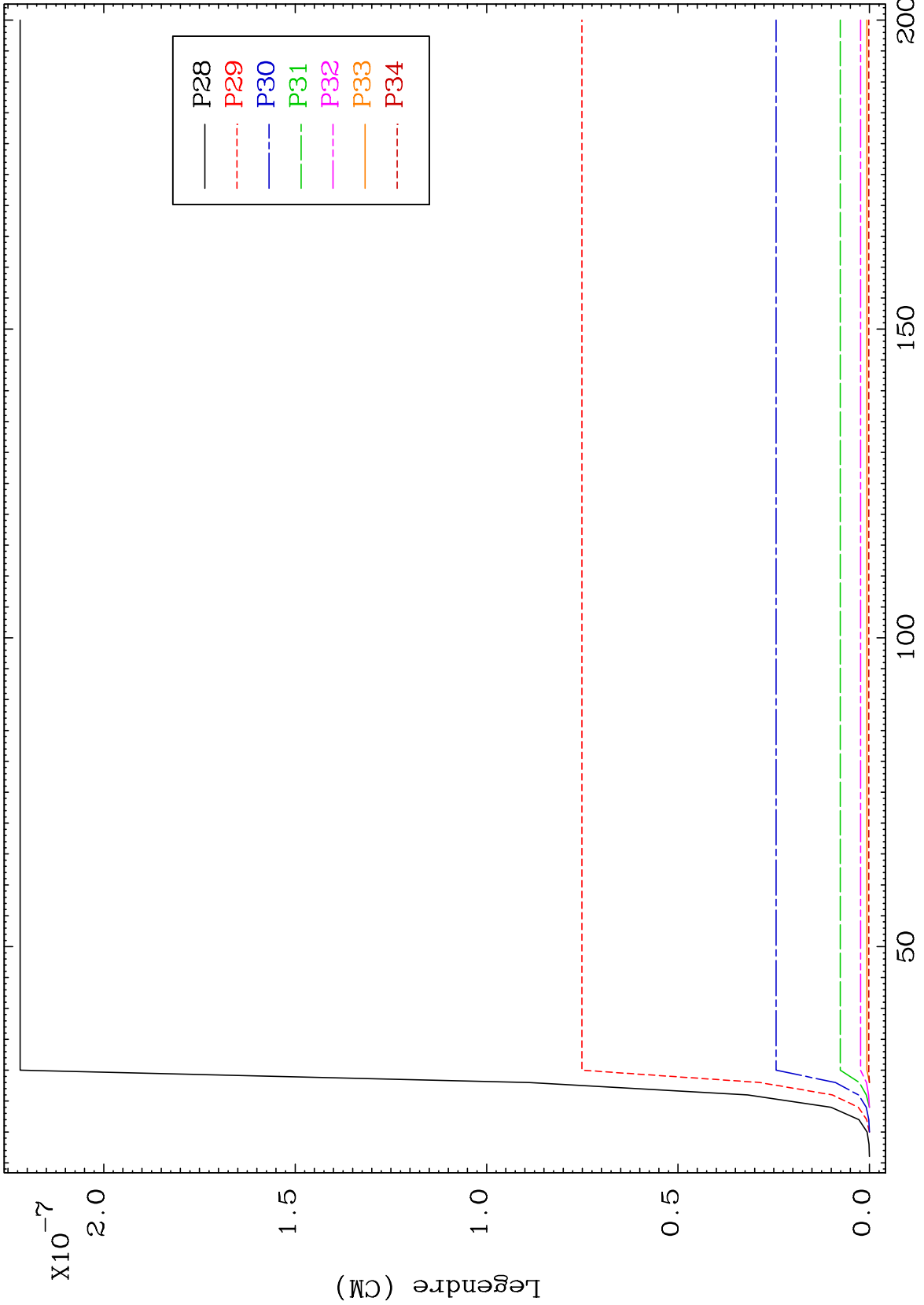
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



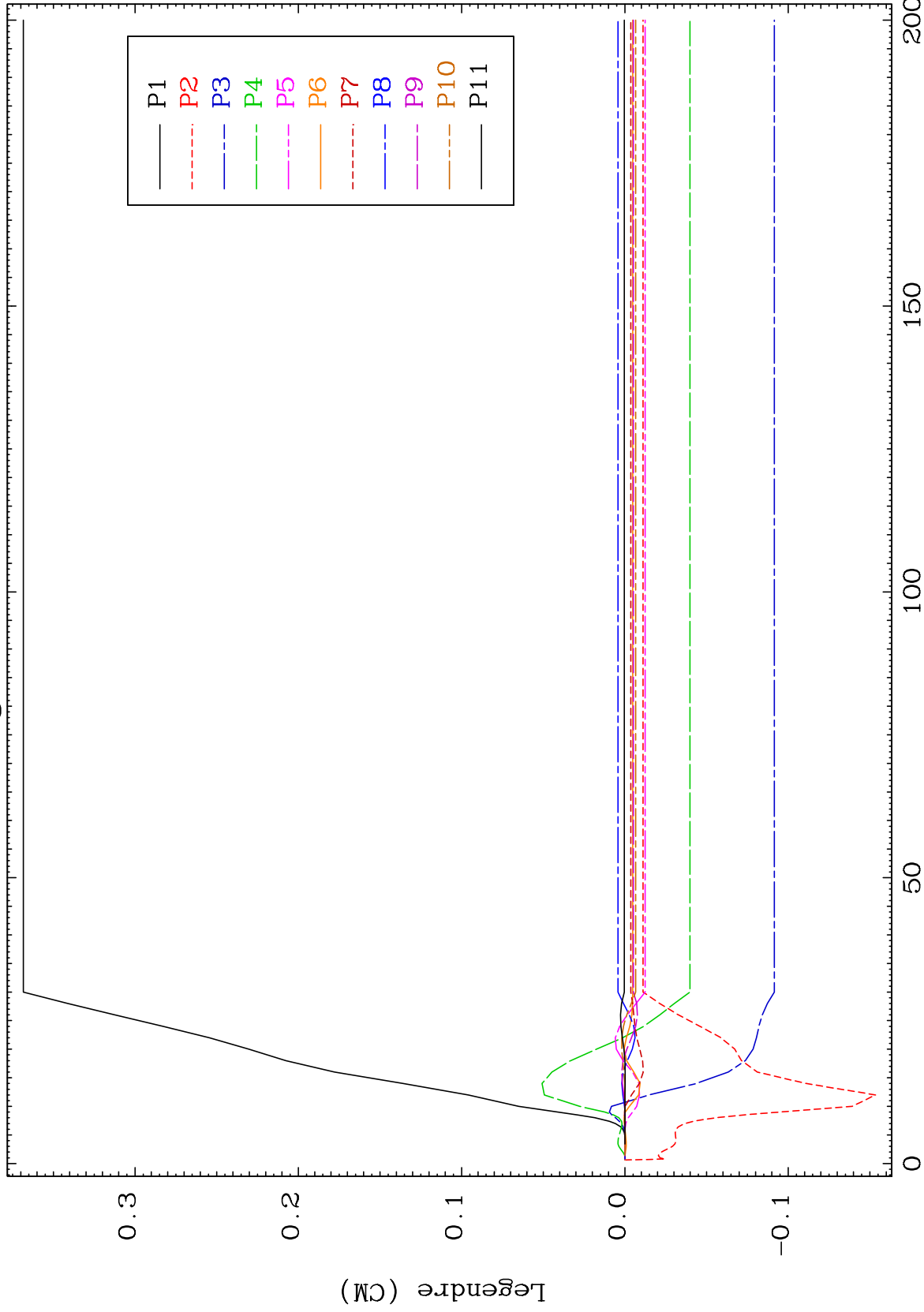
61

37-Rb-79

MAT 3707

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

37-Rb-79



62

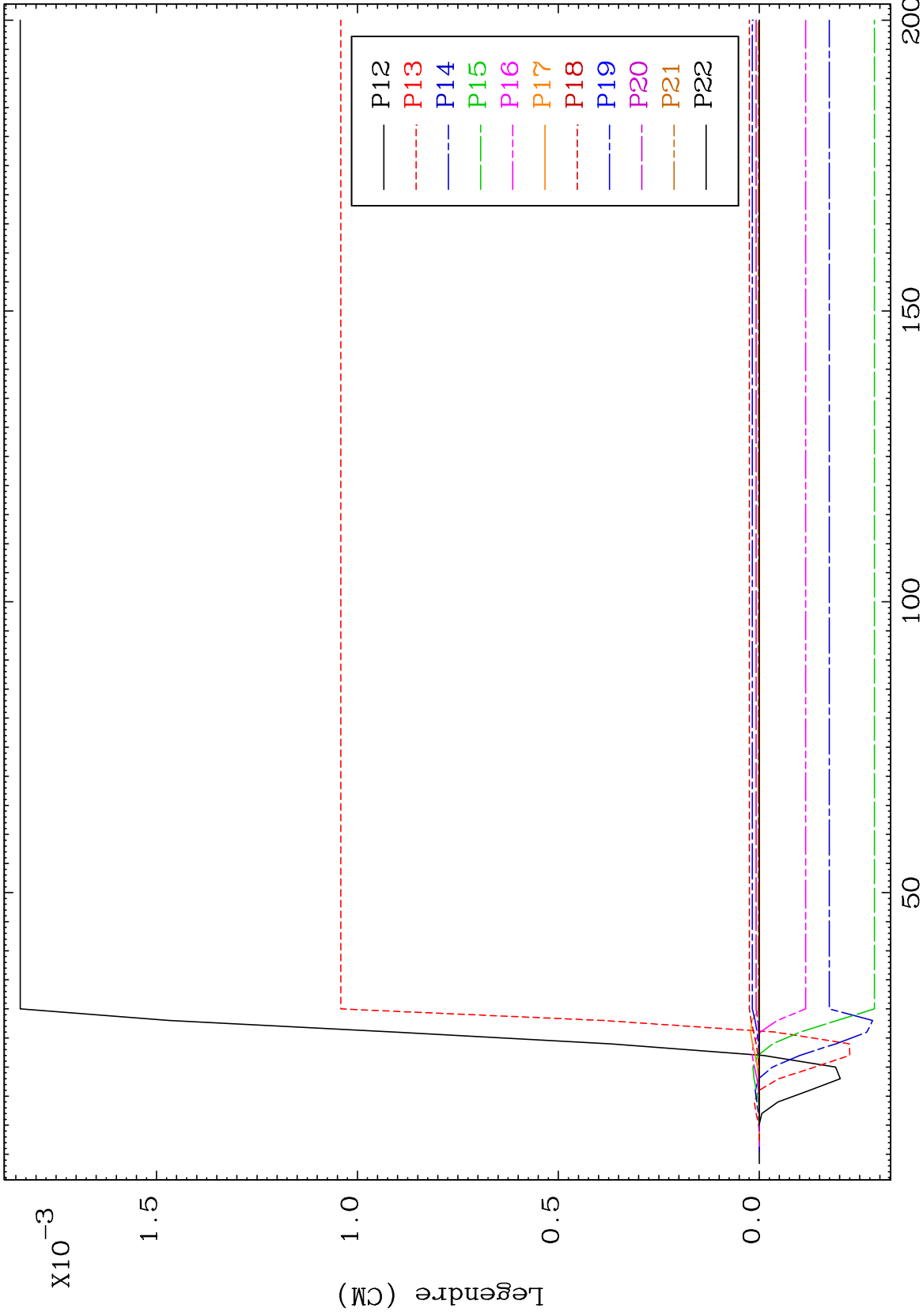
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



63

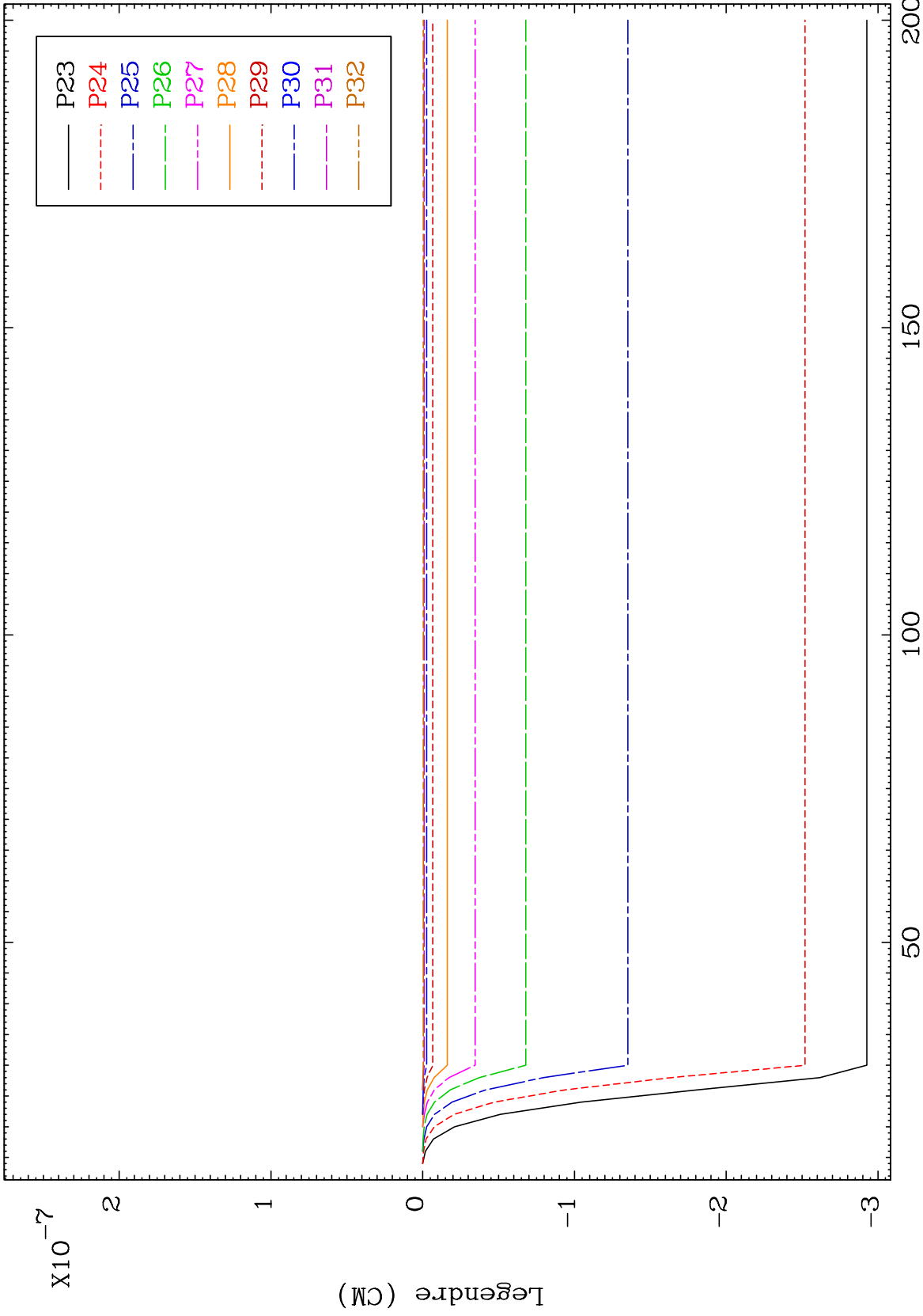
37-Rb-79



MAT 3707

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

37-Rb-79



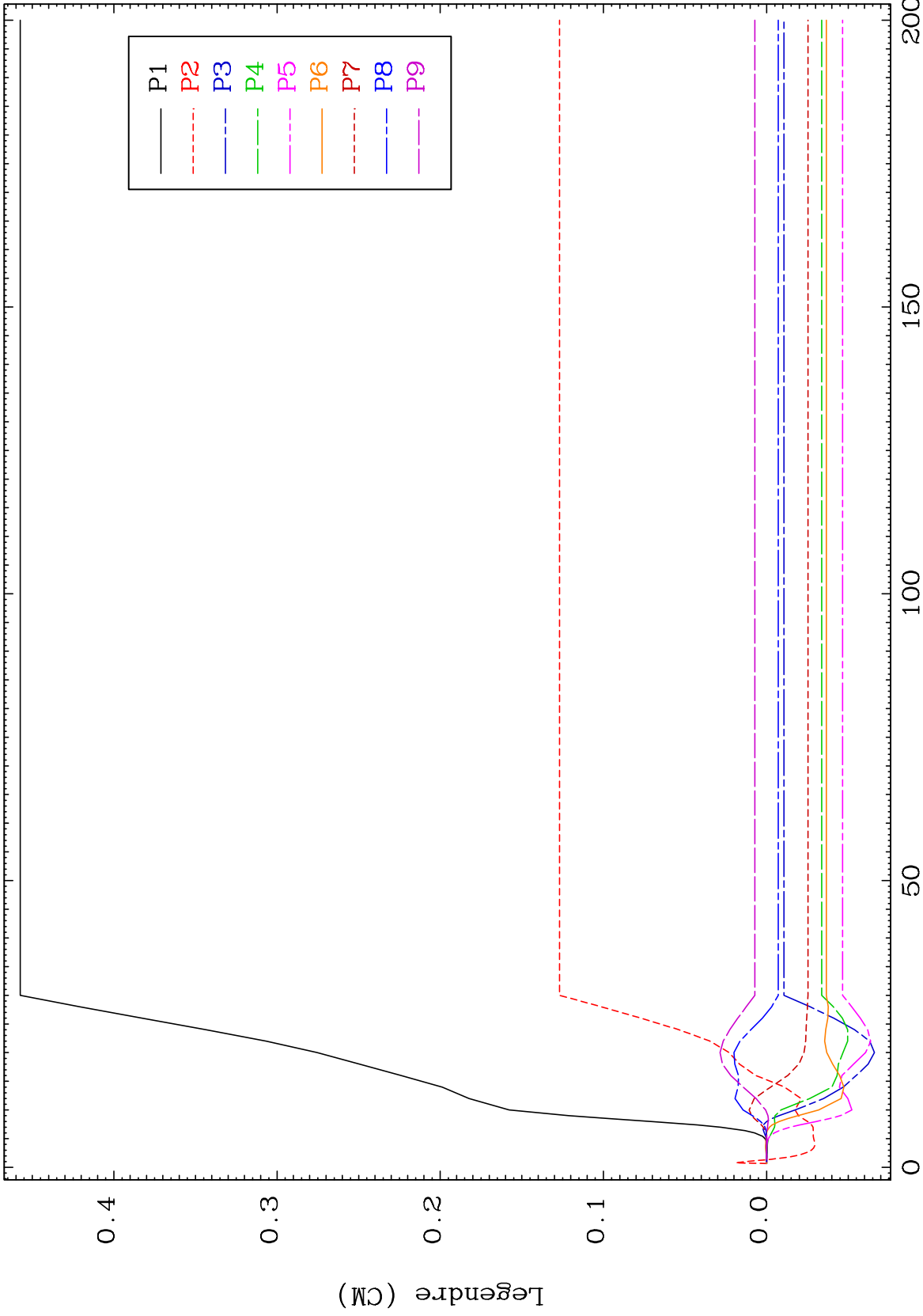
64

37-Rb-79

MAT 3707

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

37-Rb-79



65

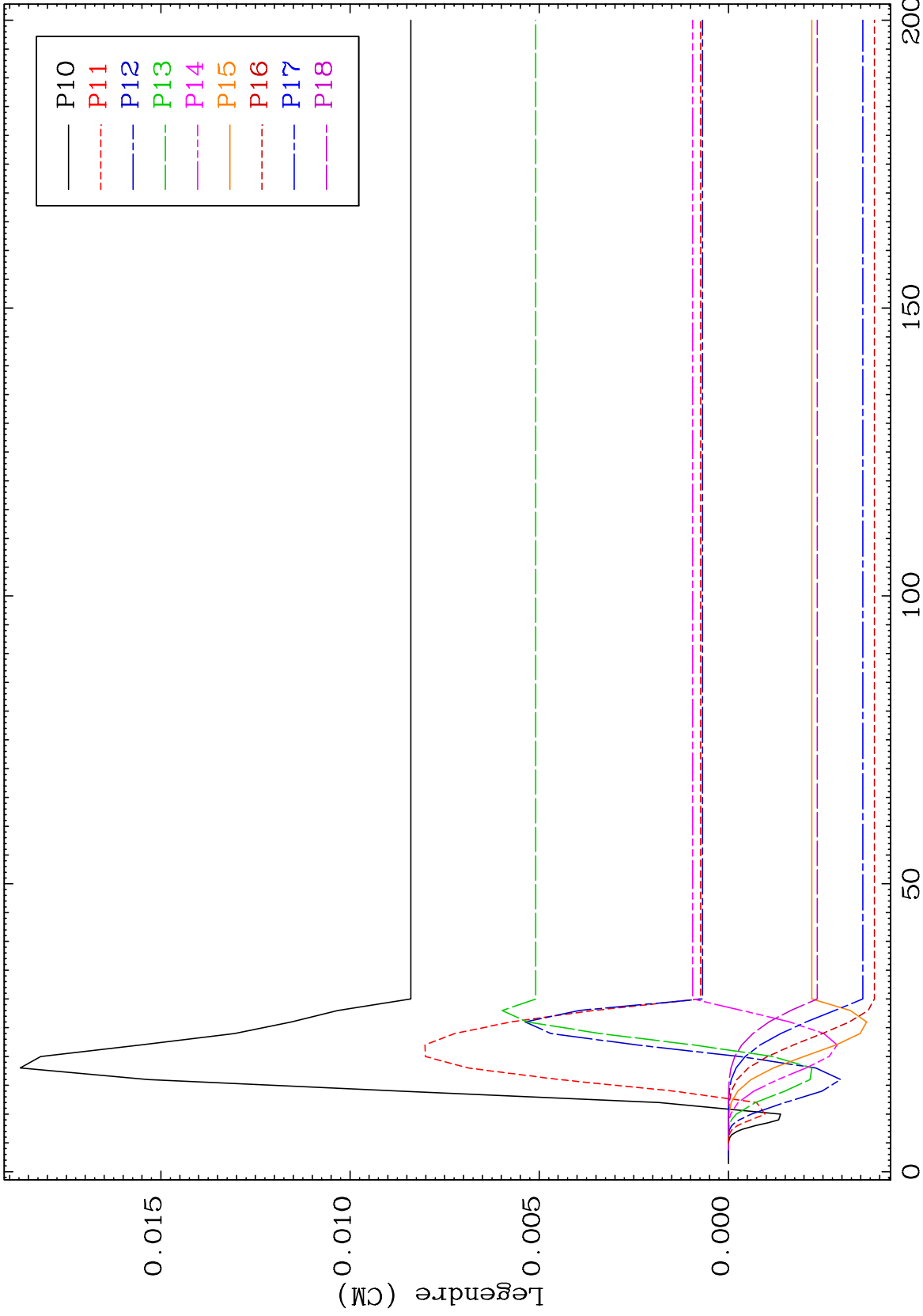
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



66

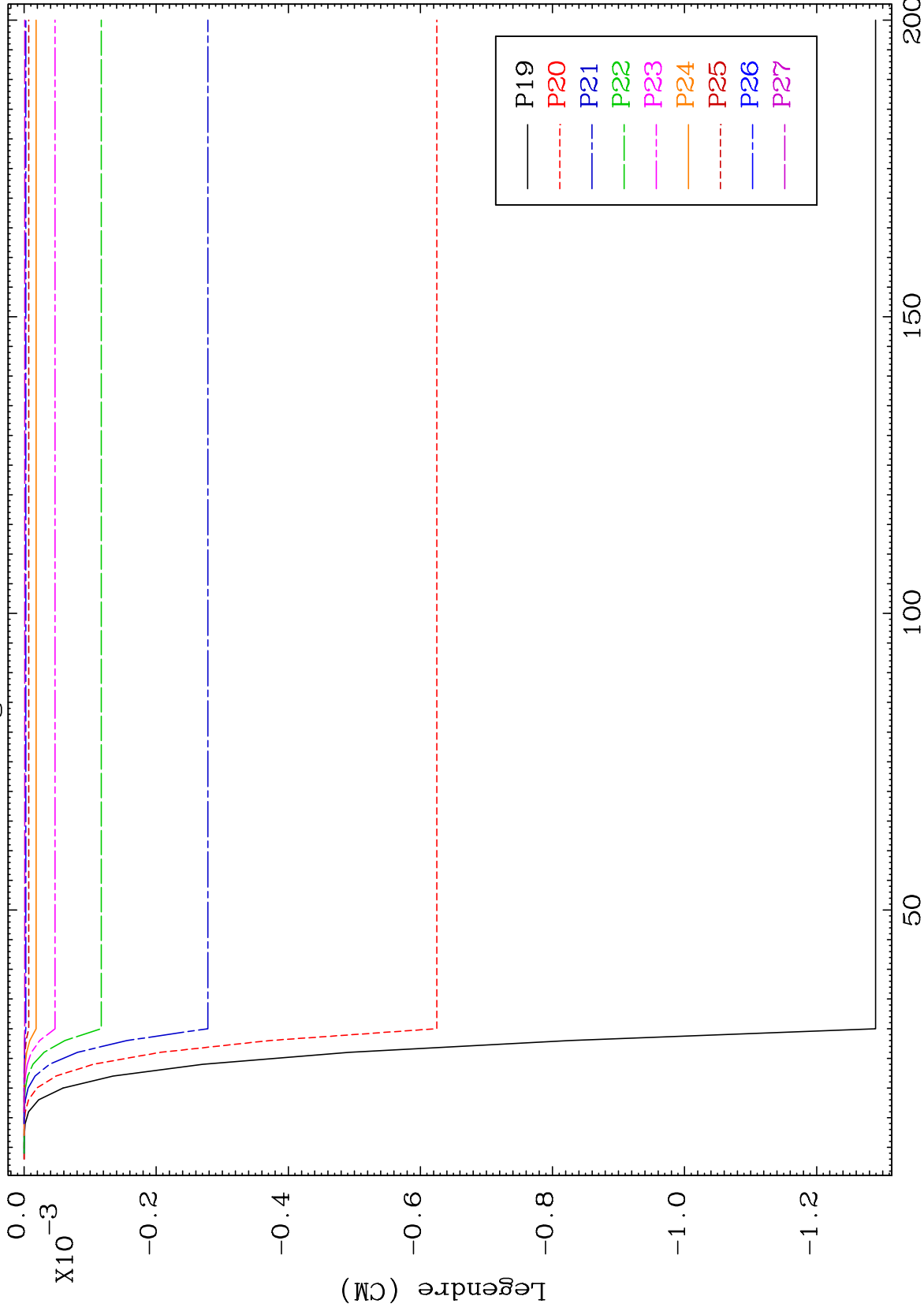
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



67

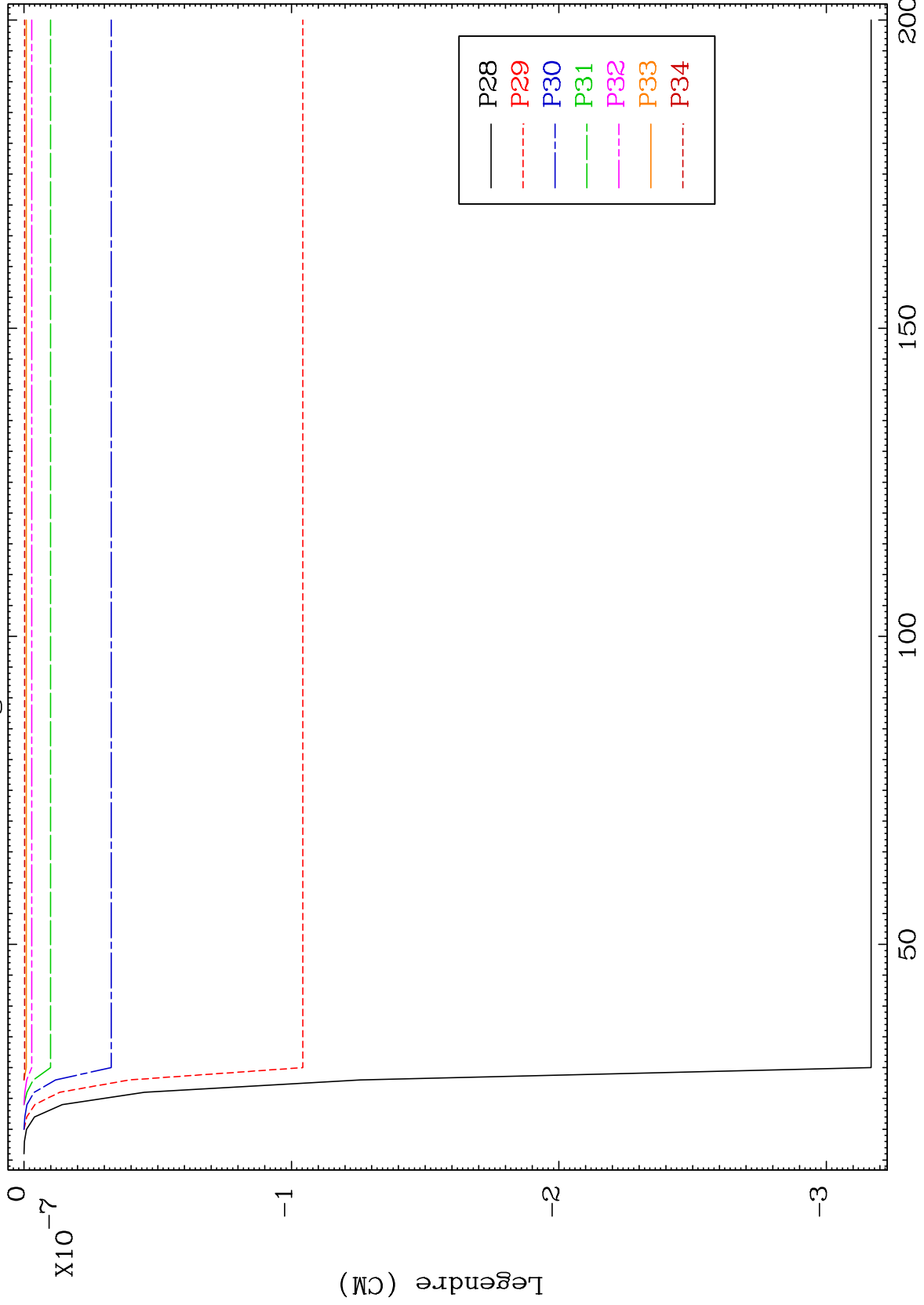
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



37-Rb-79

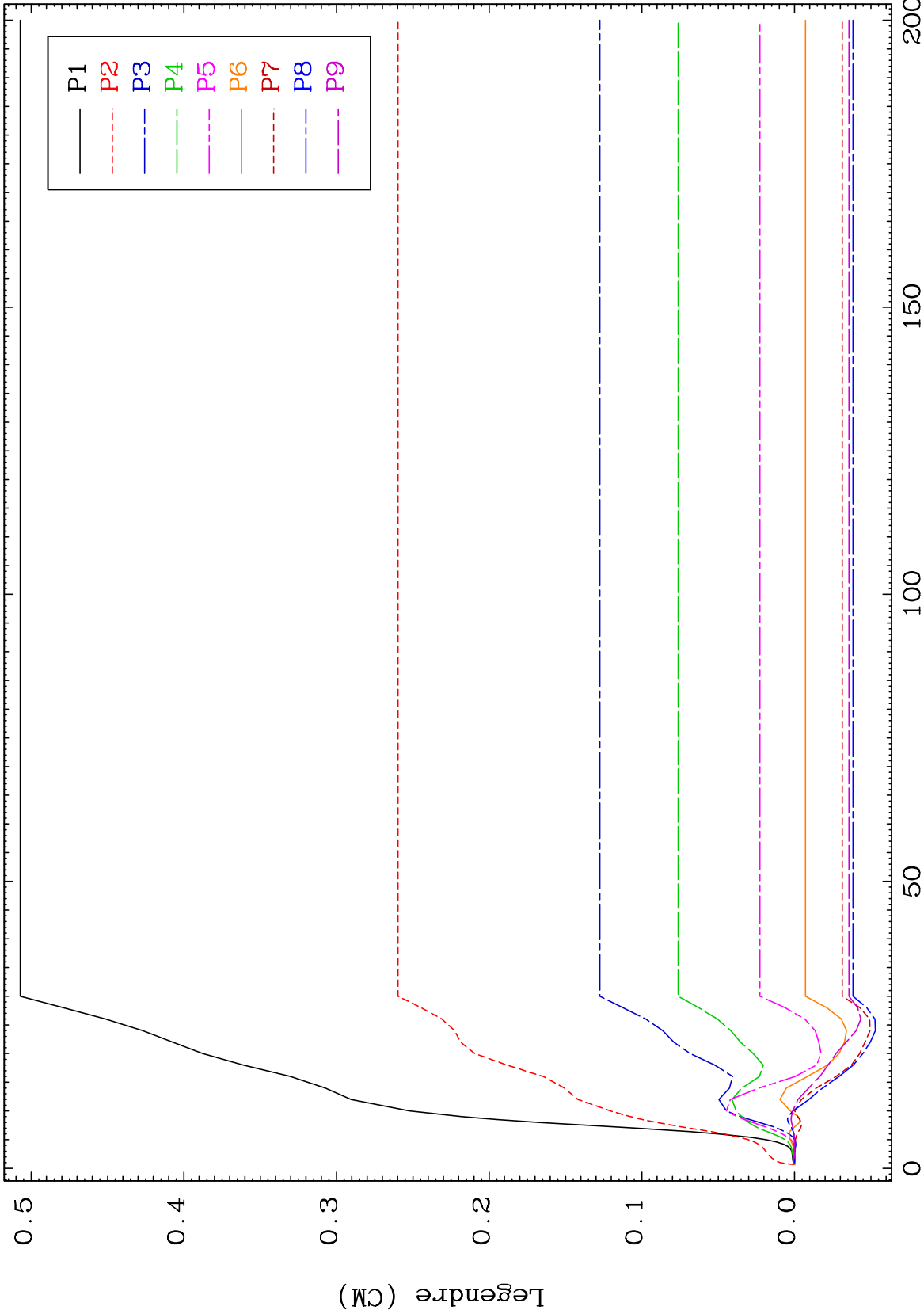
Incident Energy (MeV)

68

MAT 3707

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

37-Rb-79



69

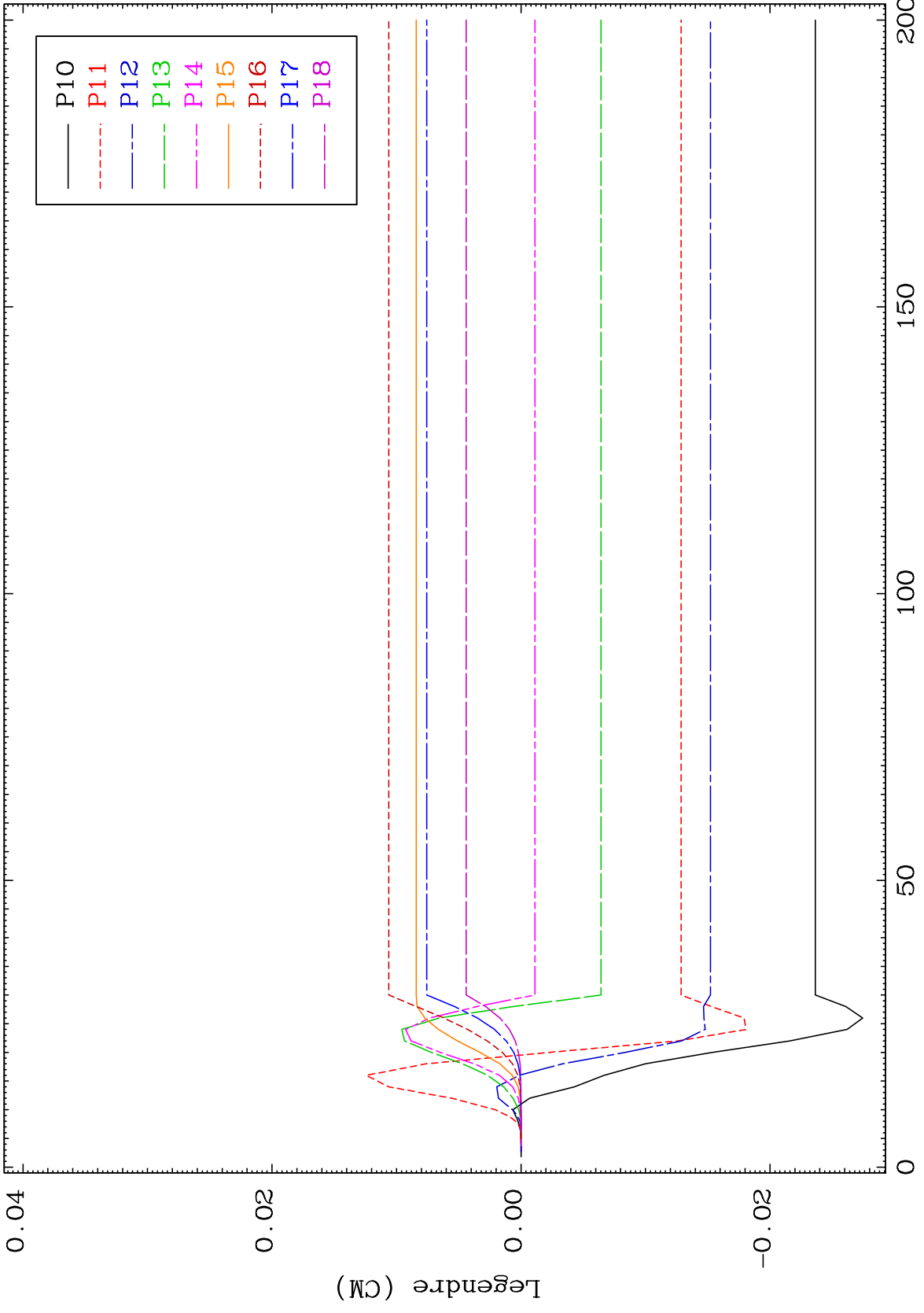
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



70

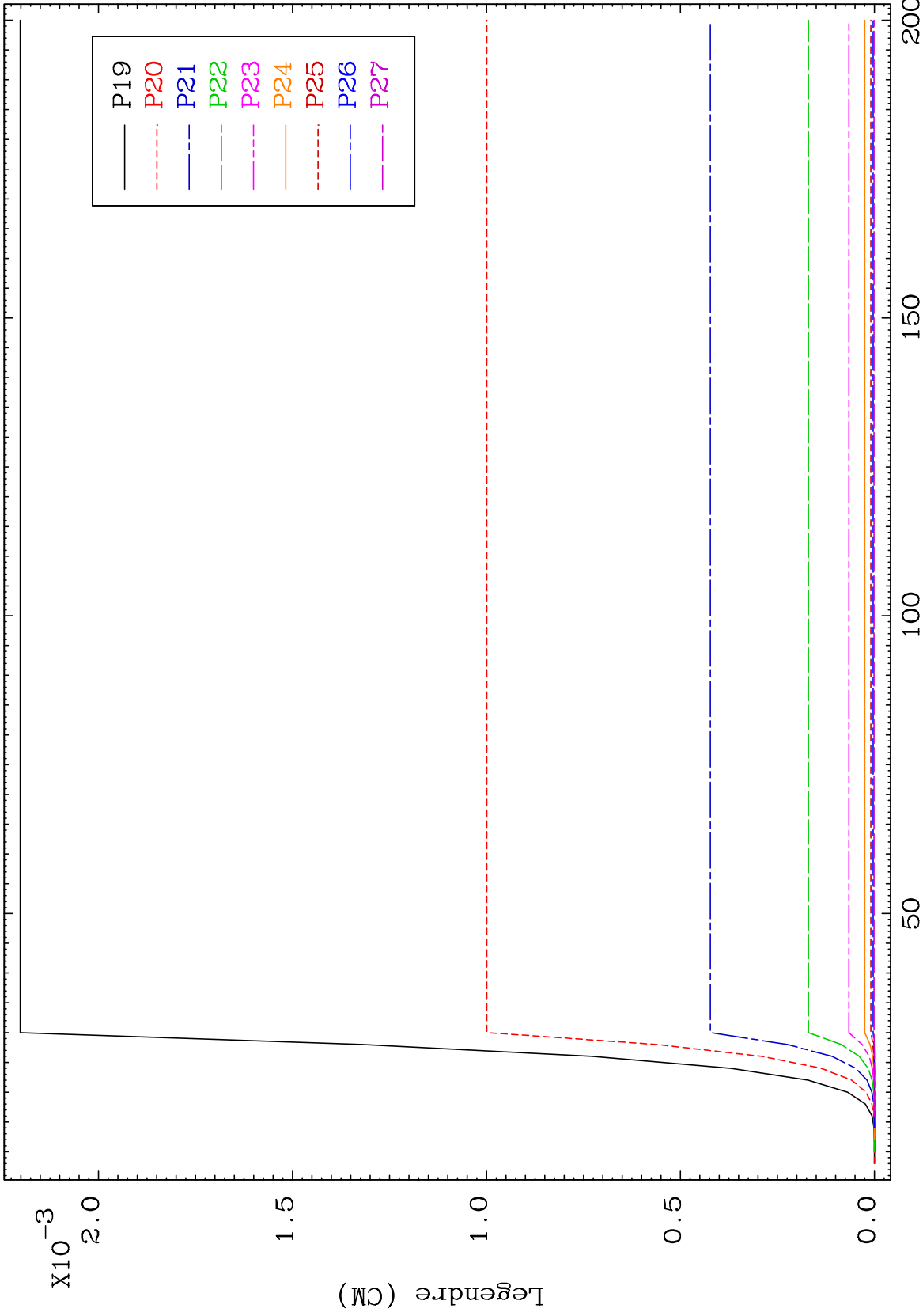
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



71

Incident Energy (MeV)

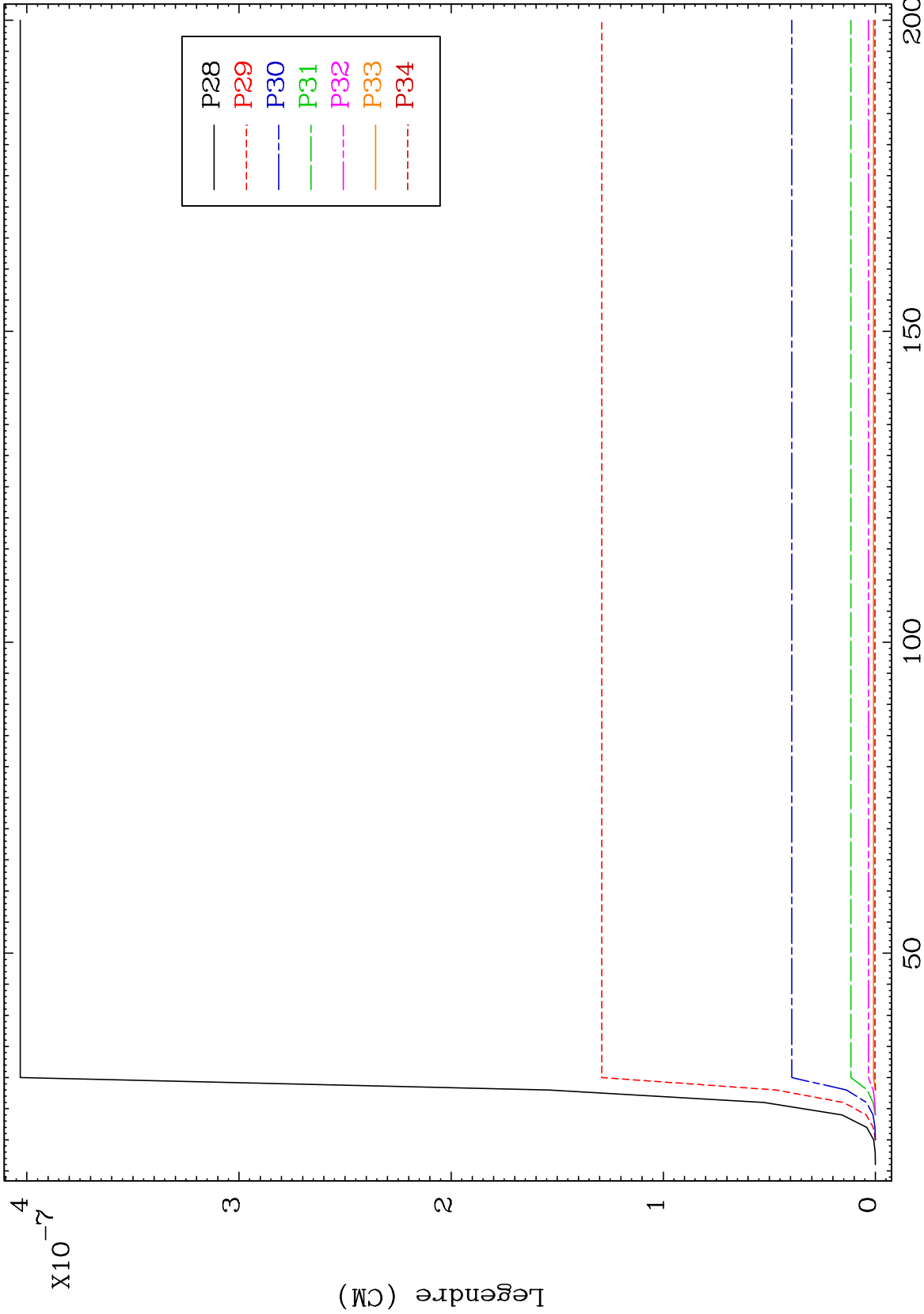
37-Rb-79



MAT 3707

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

37-Rb-79



72

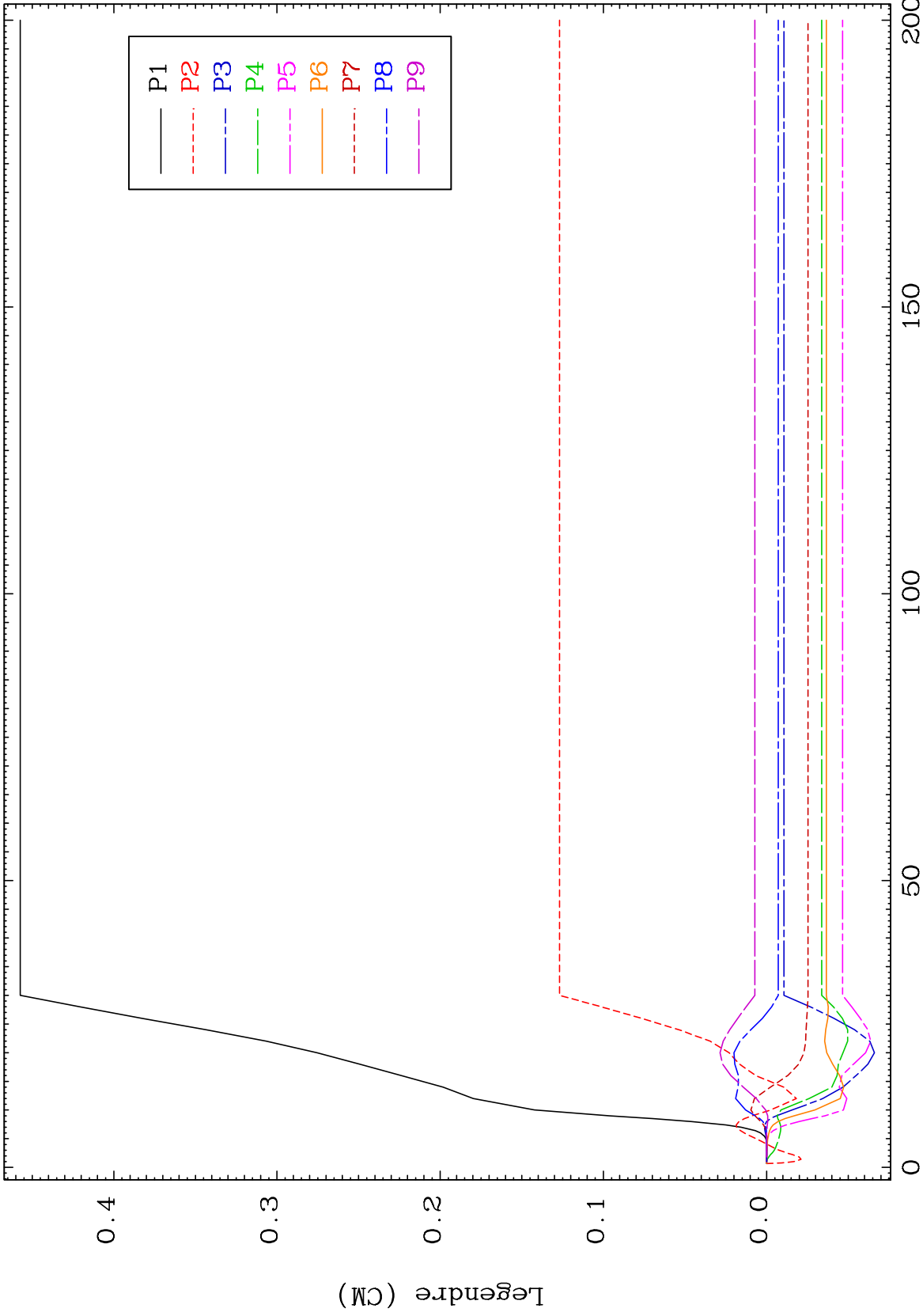
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



73

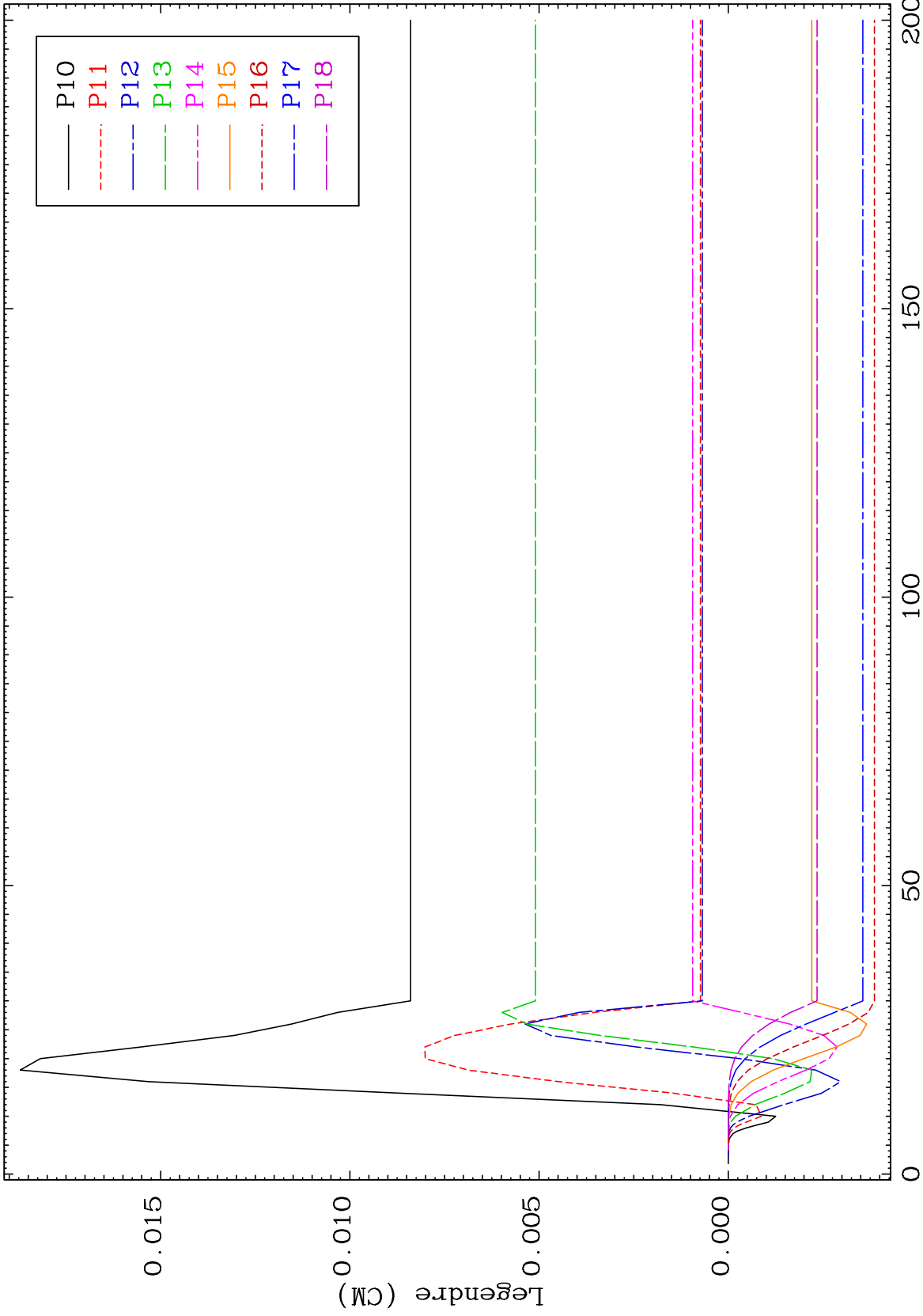
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



74

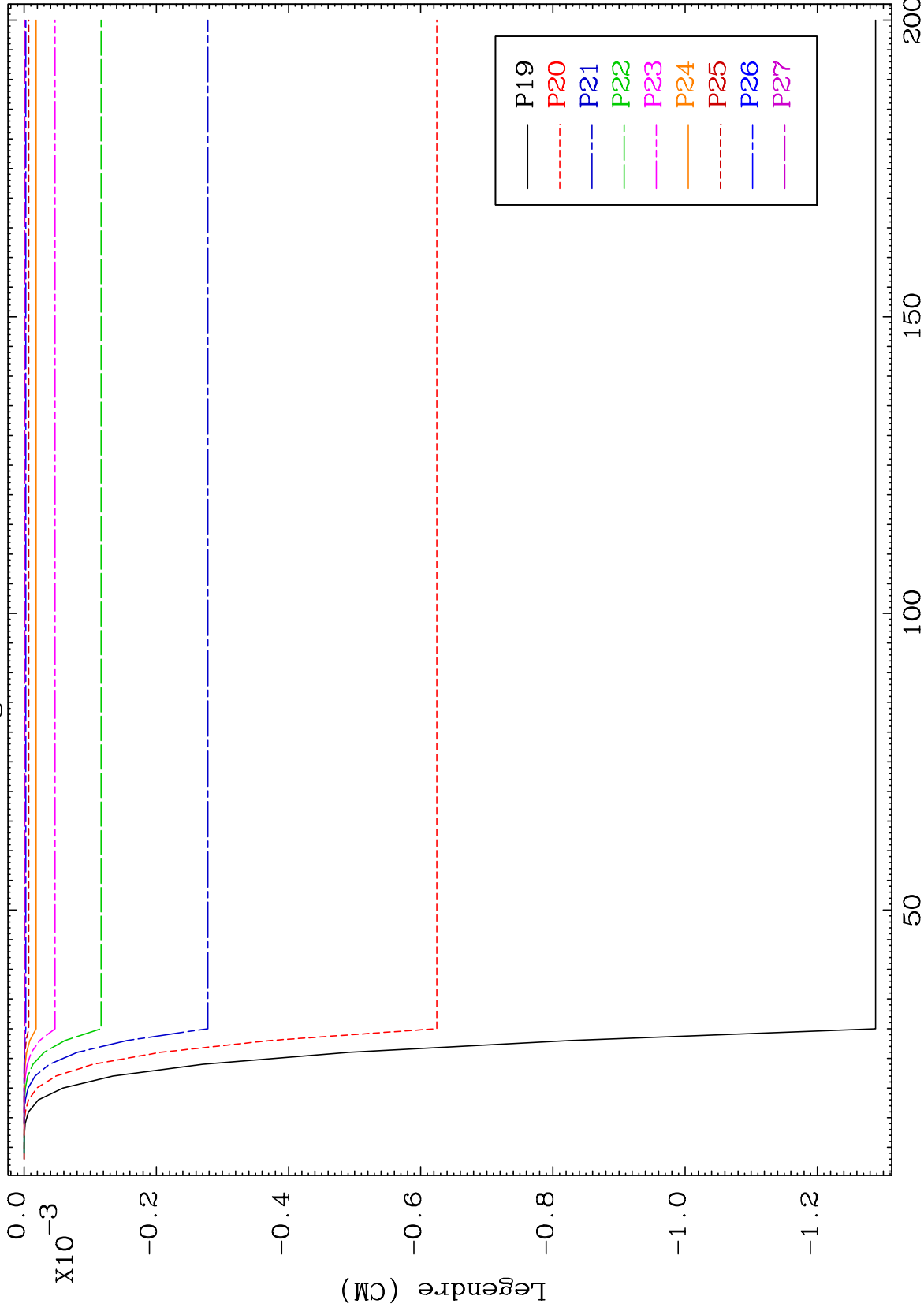
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



37-Rb-79

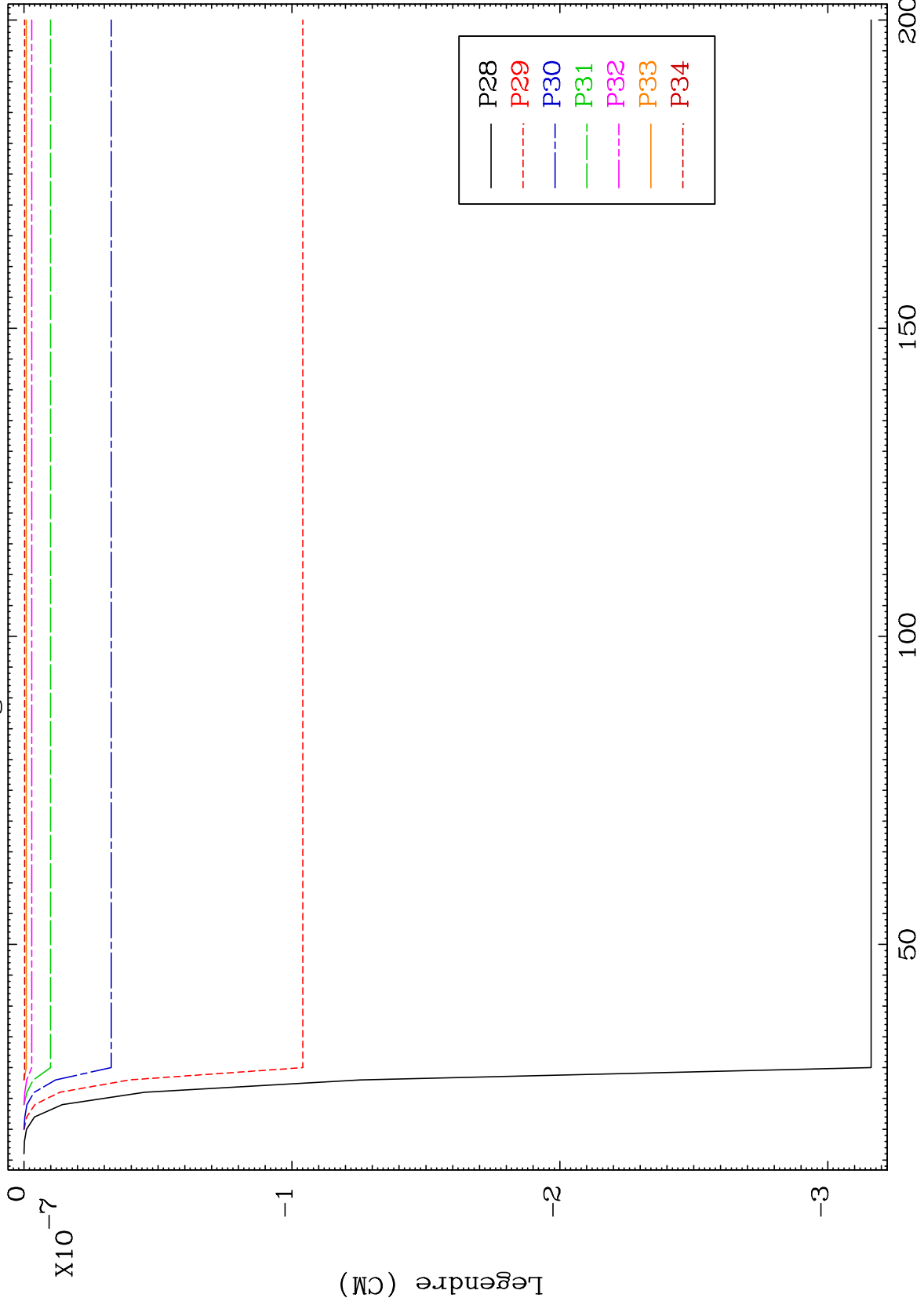
Incident Energy (MeV)

75

MAT 3707

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

37-Rb-79



37-Rb-79

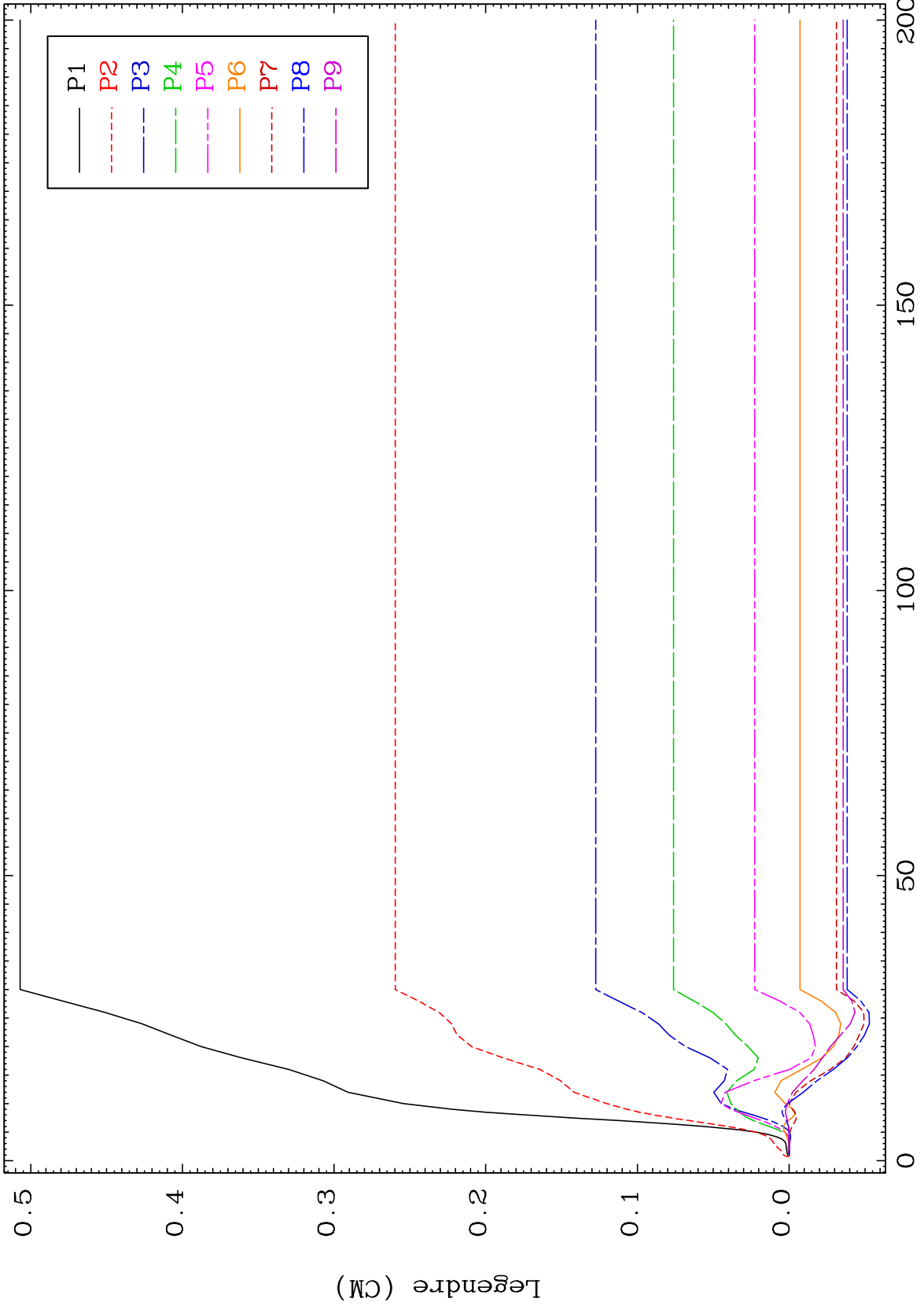
Incident Energy (MeV)

76

MAT 3707

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

37-Rb-79



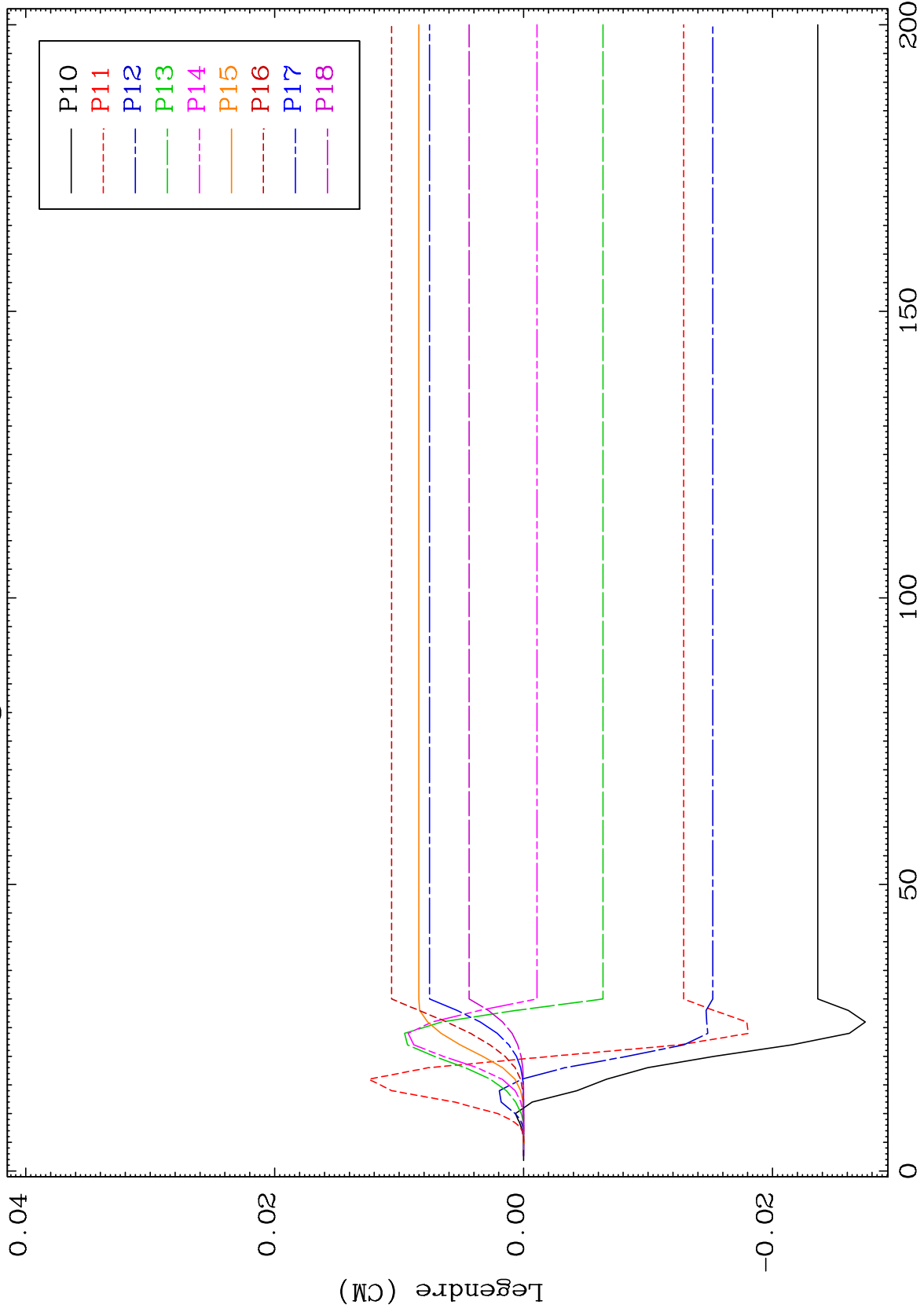
77

37-Rb-79

MAT 3707

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

37-Rb-79



78

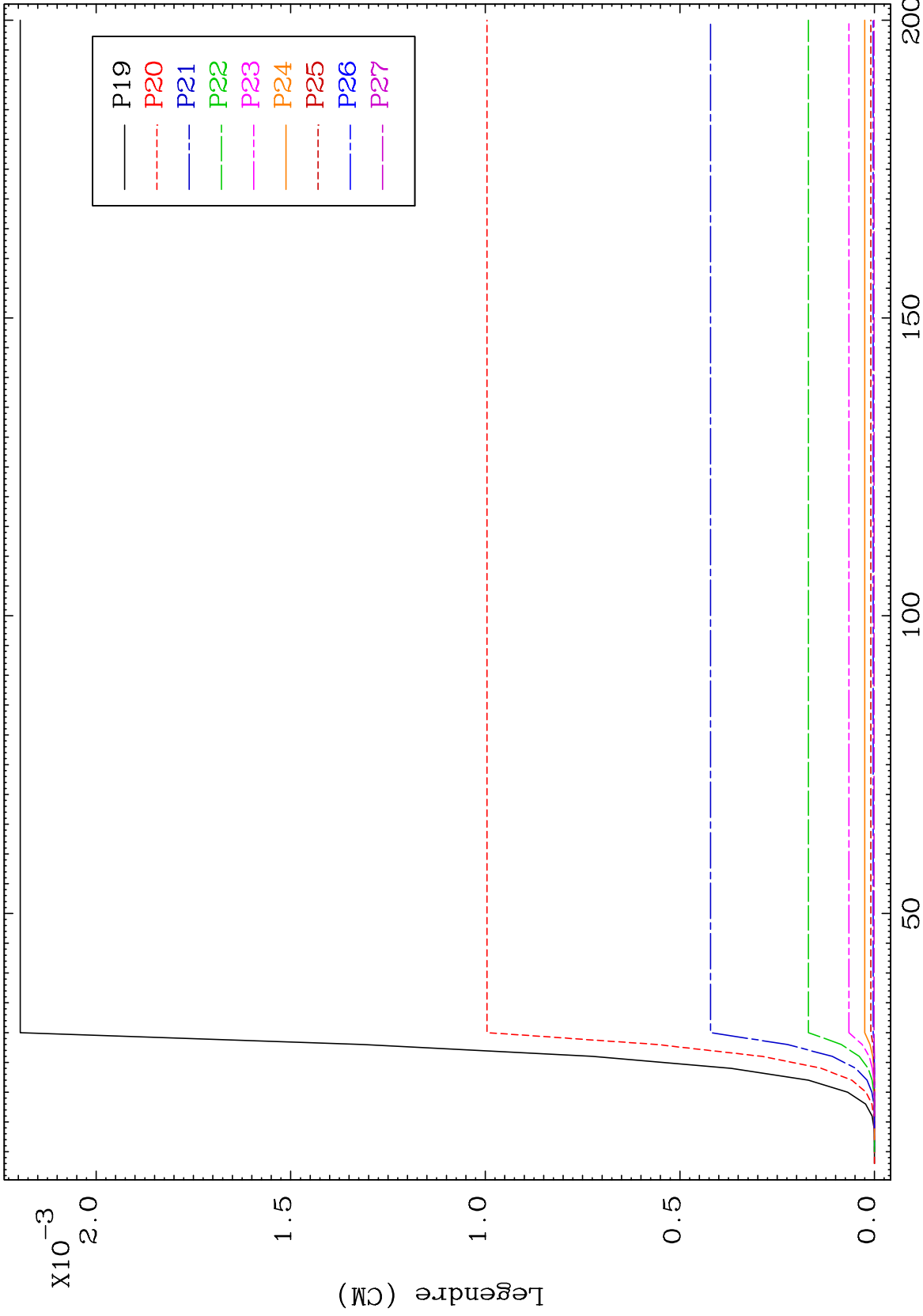
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



79

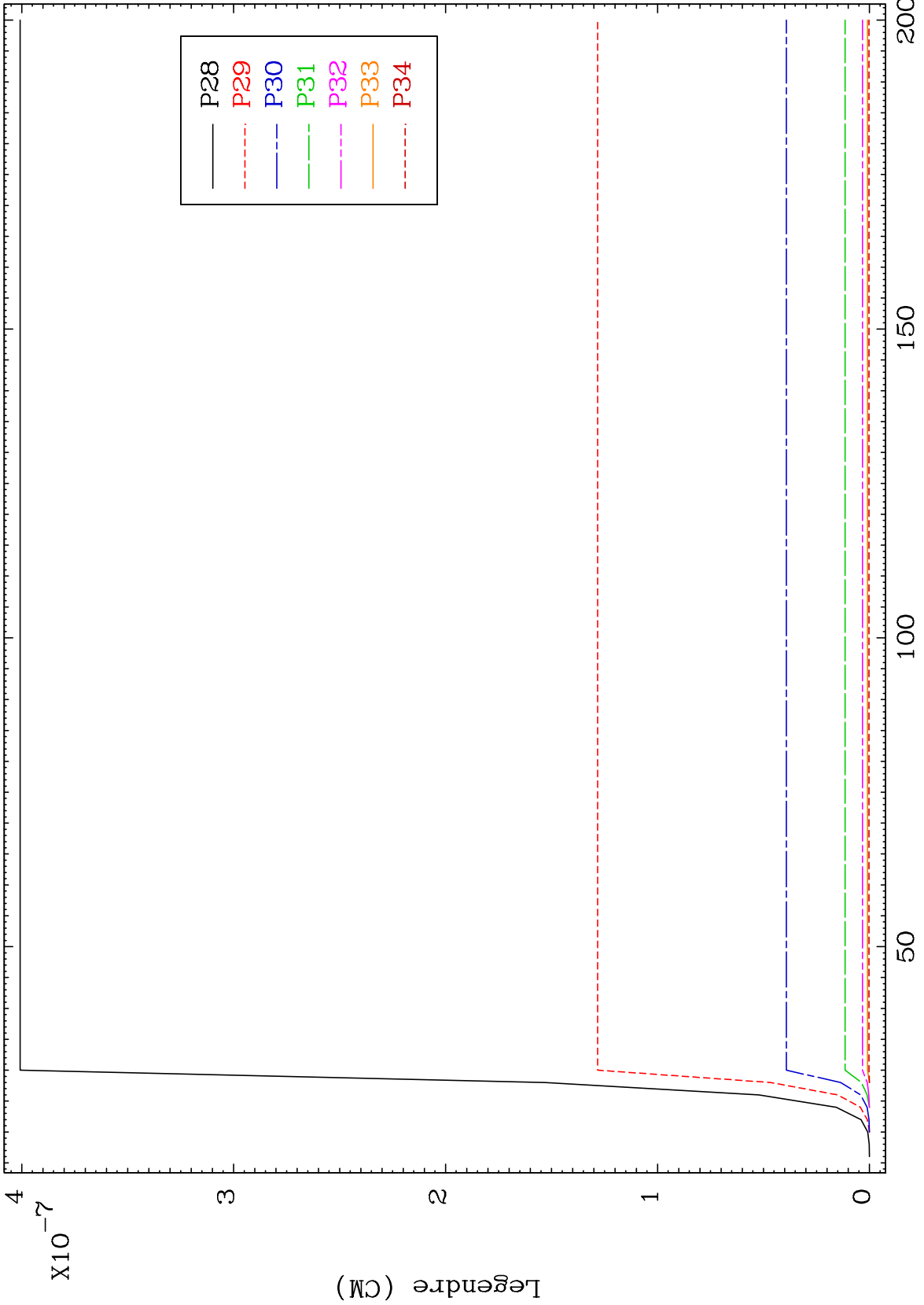
37-Rb-79



MAT 3707

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

37-Rb-79



80

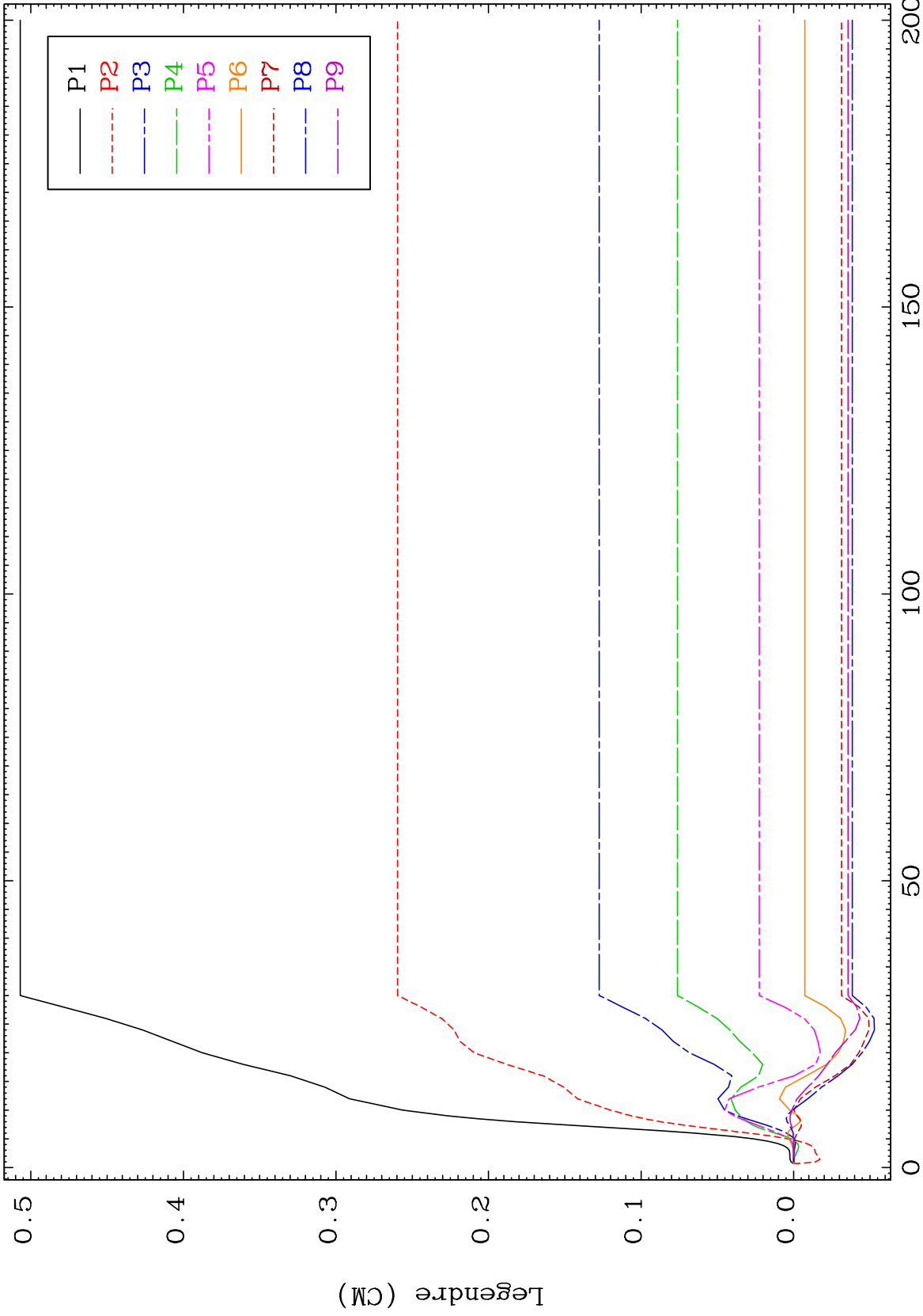
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



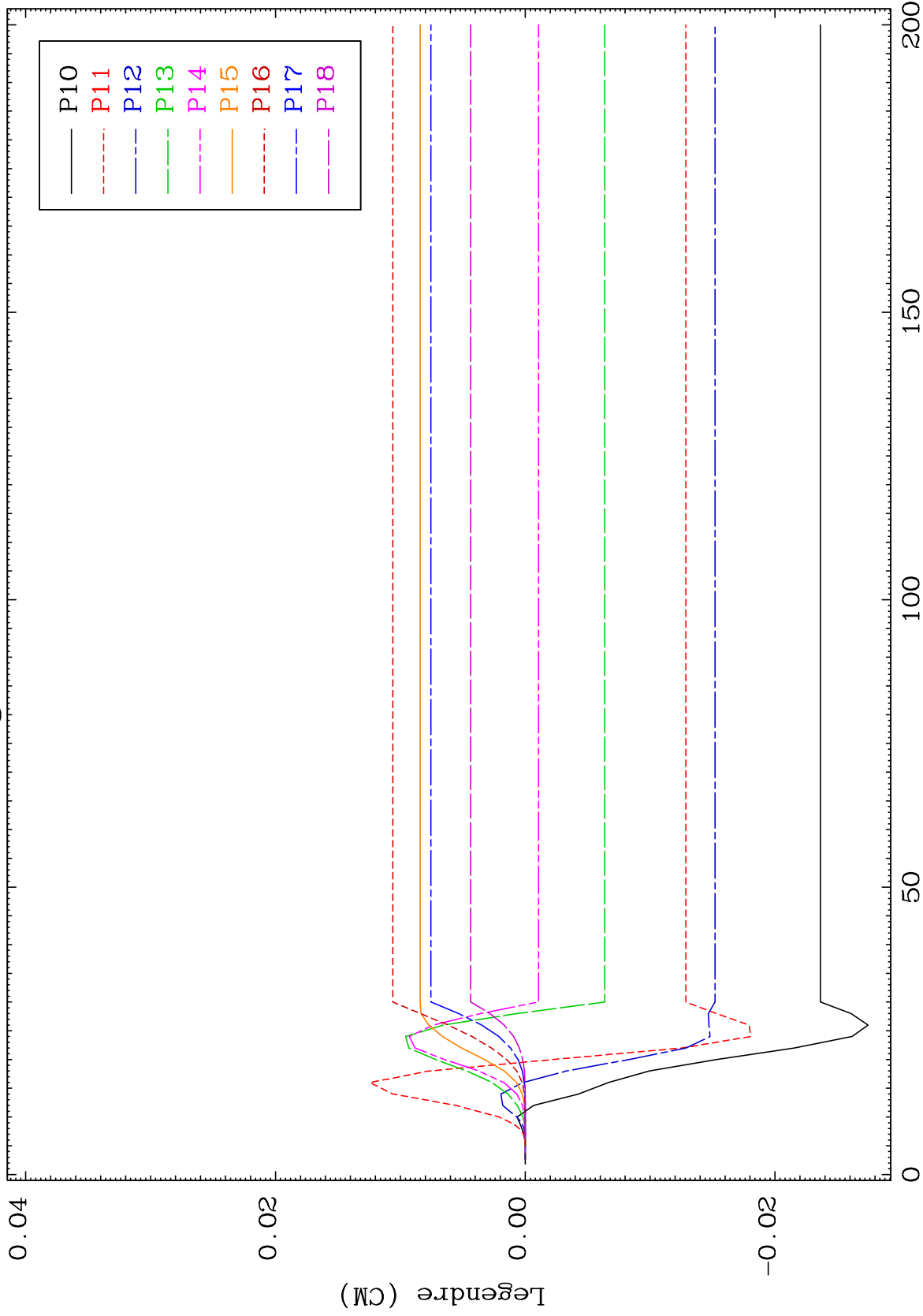
81

37-Rb-79

MAT 3707

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

37-Rb-79



82

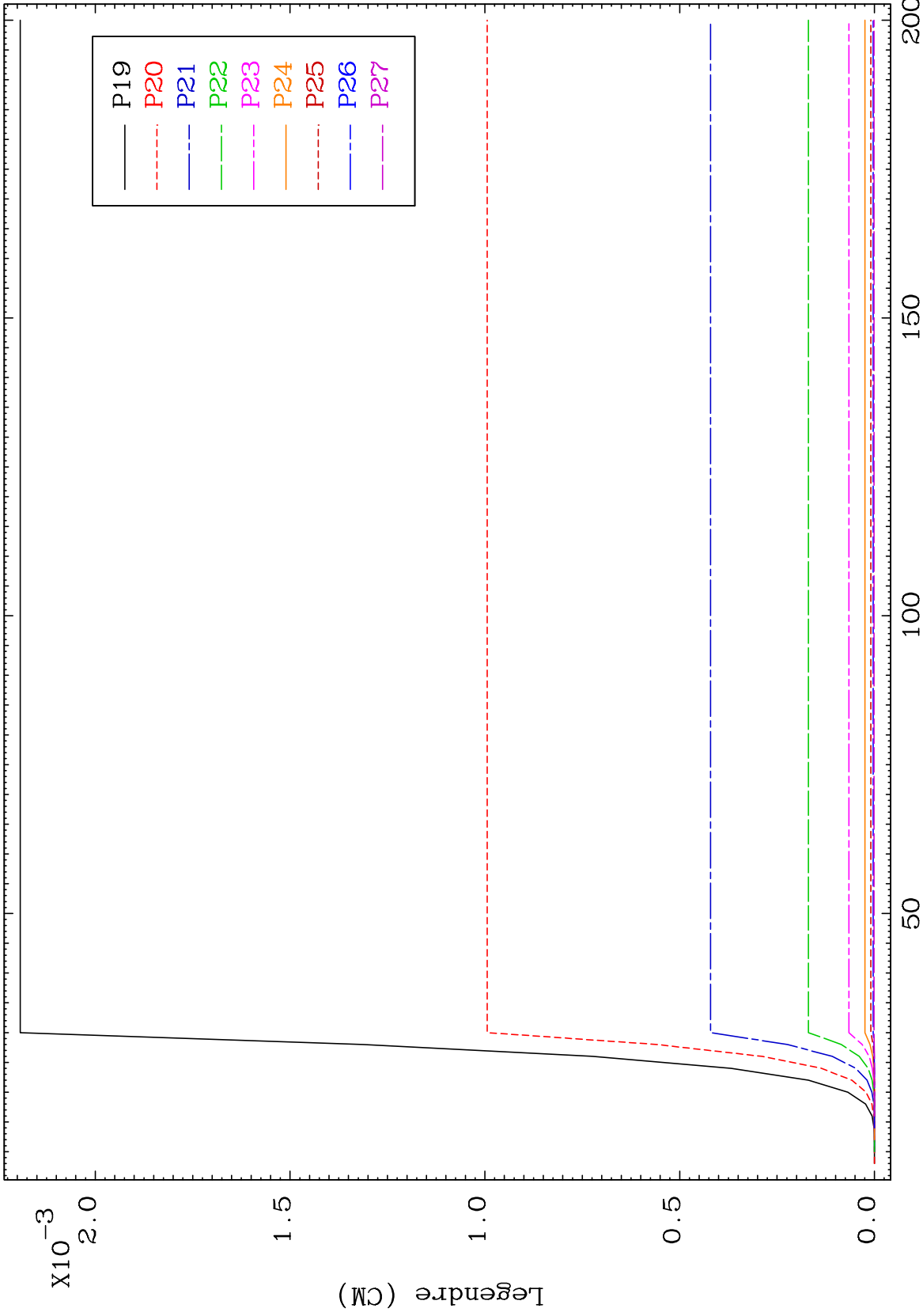
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



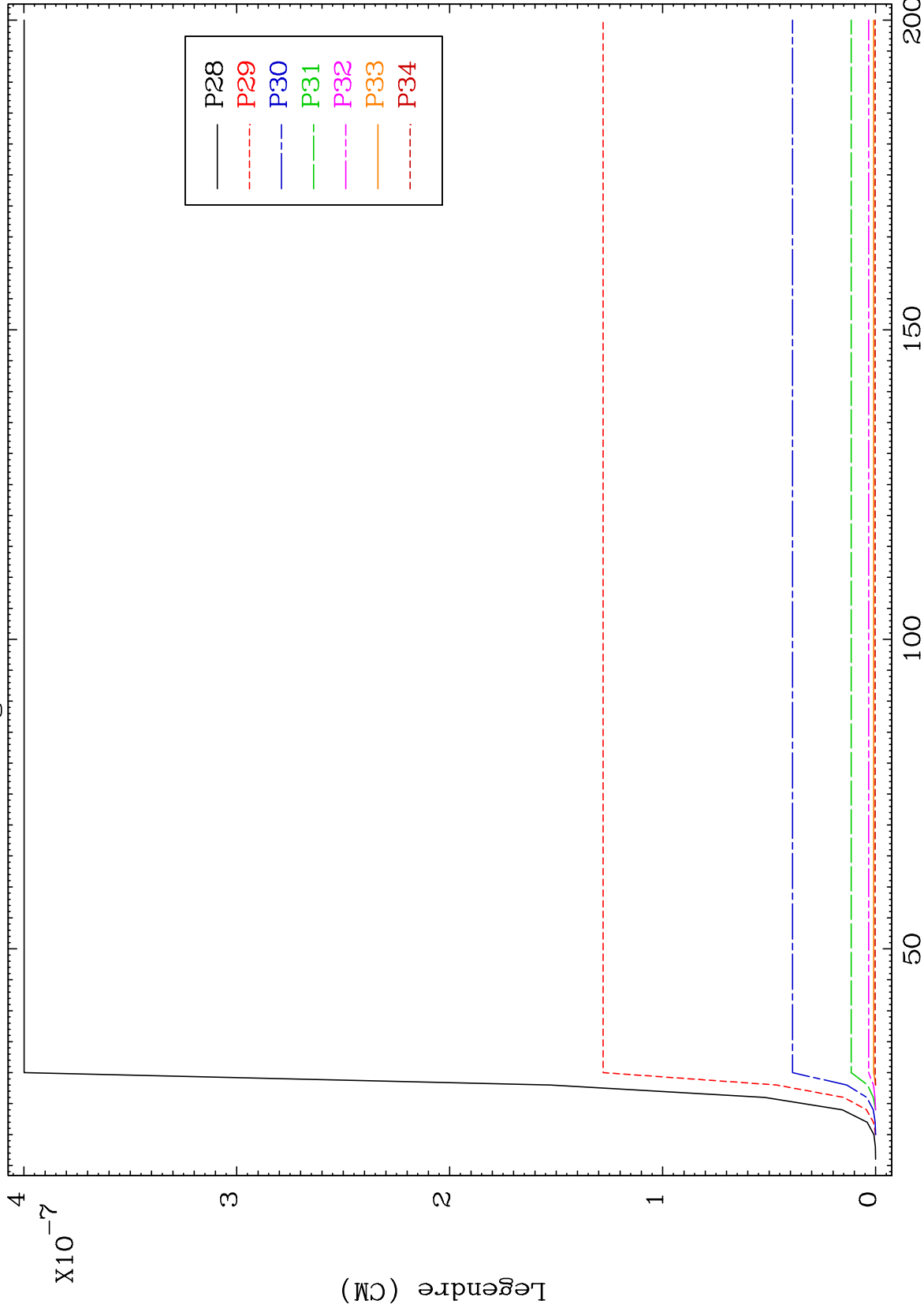
83

37-Rb-79

MAT 3707

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

37-Rb-79



84

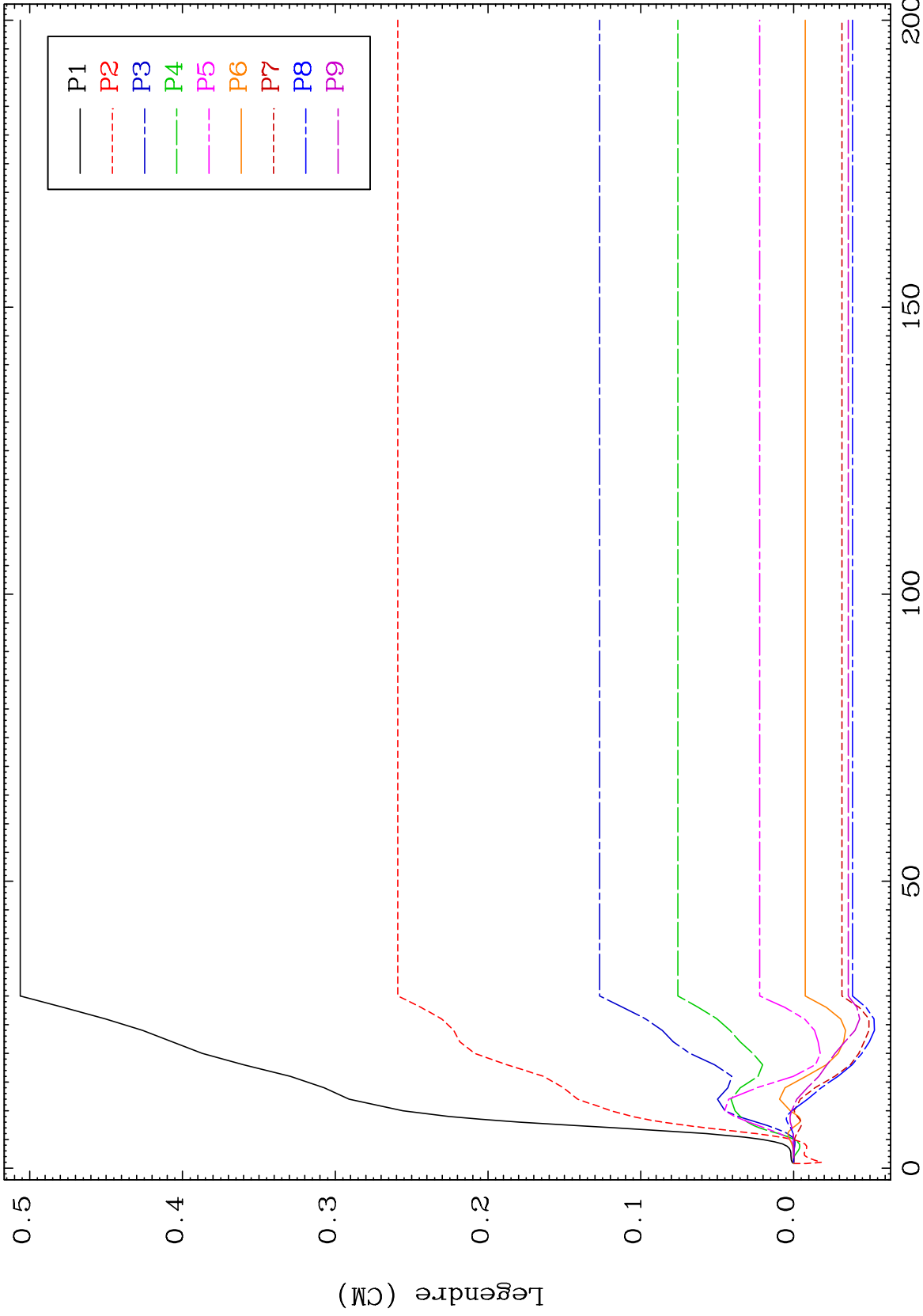
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



85

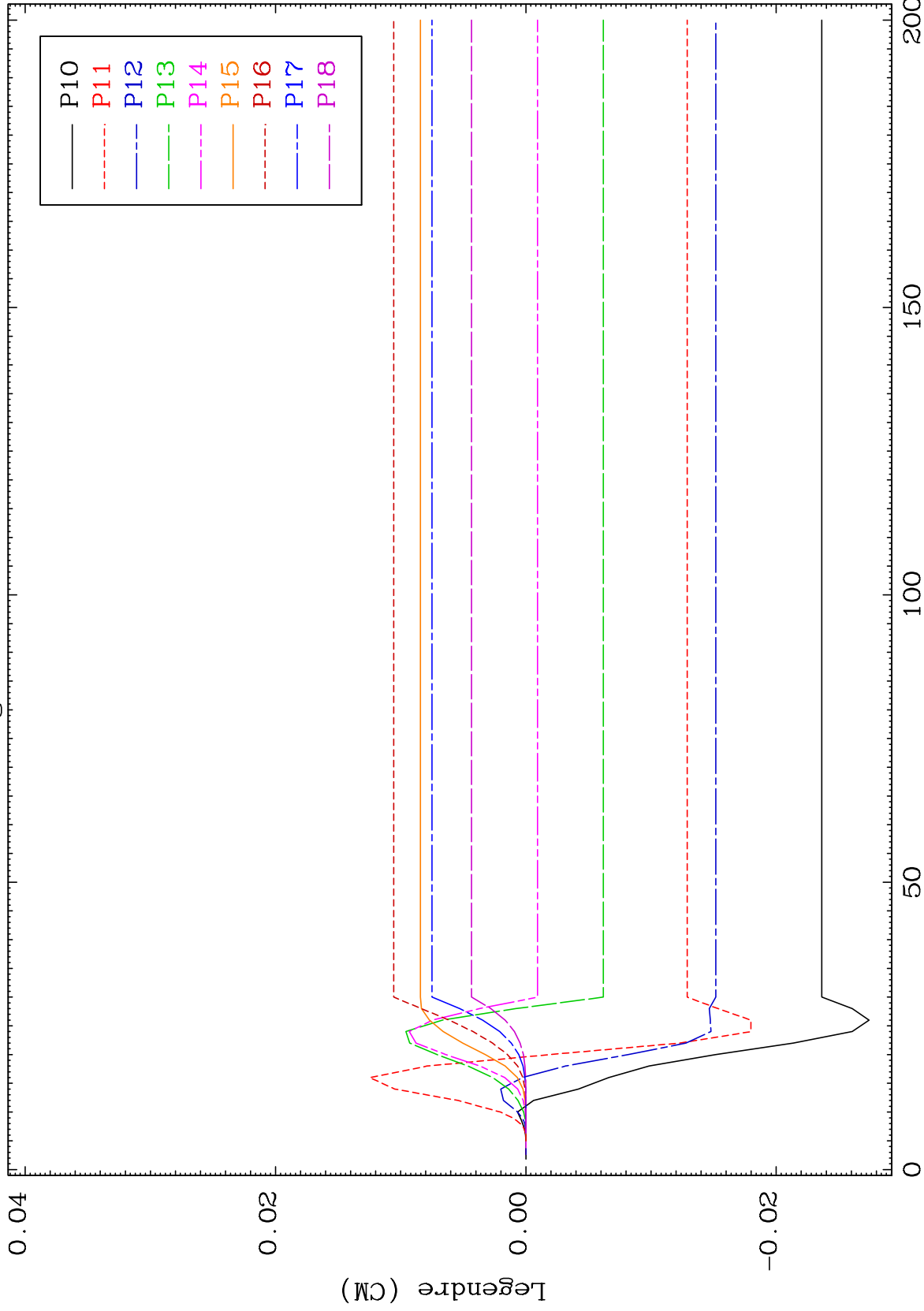
37-Rb-79

37-Rb-79

MAT 3707

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

37-Rb-79



86

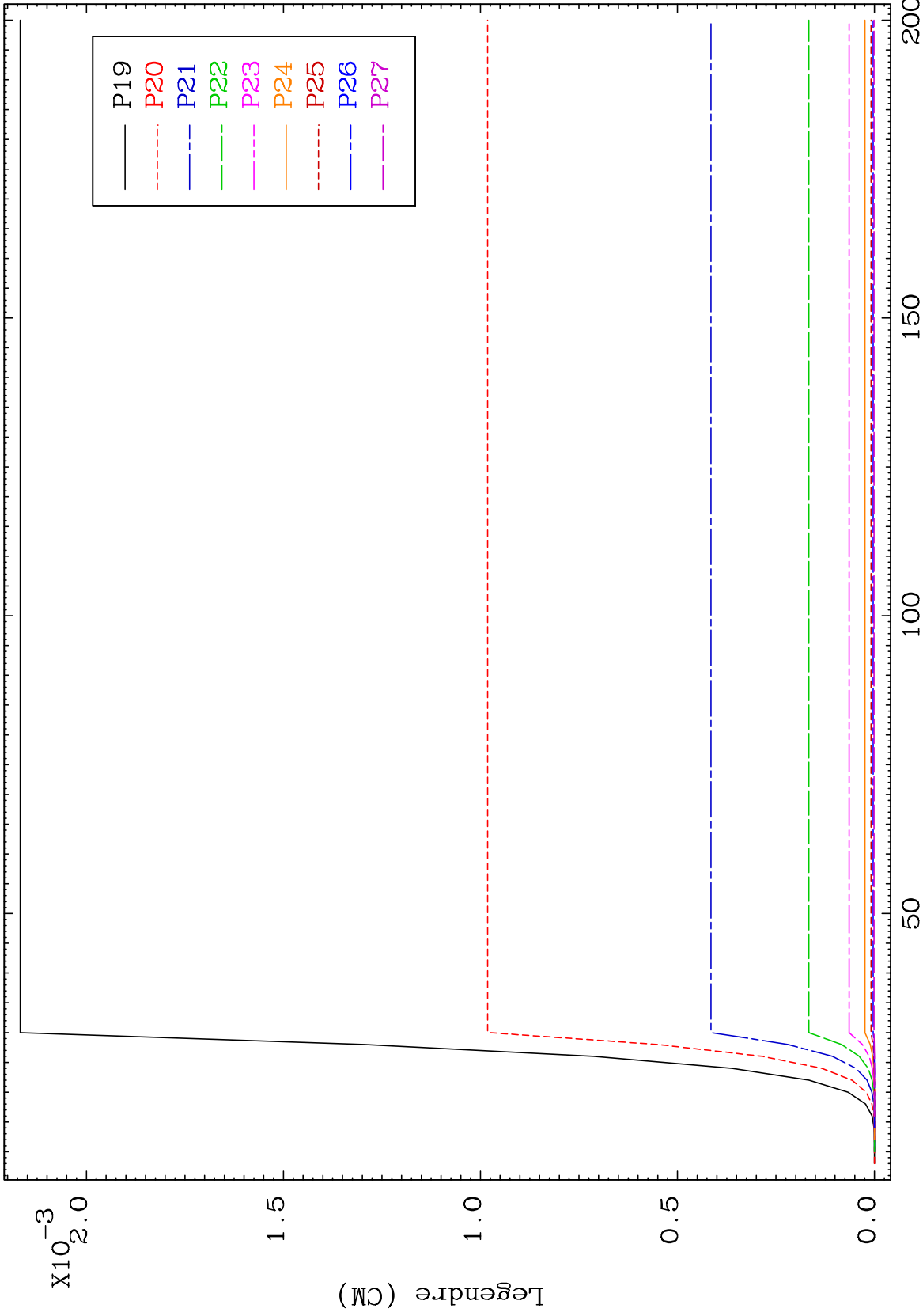
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



87

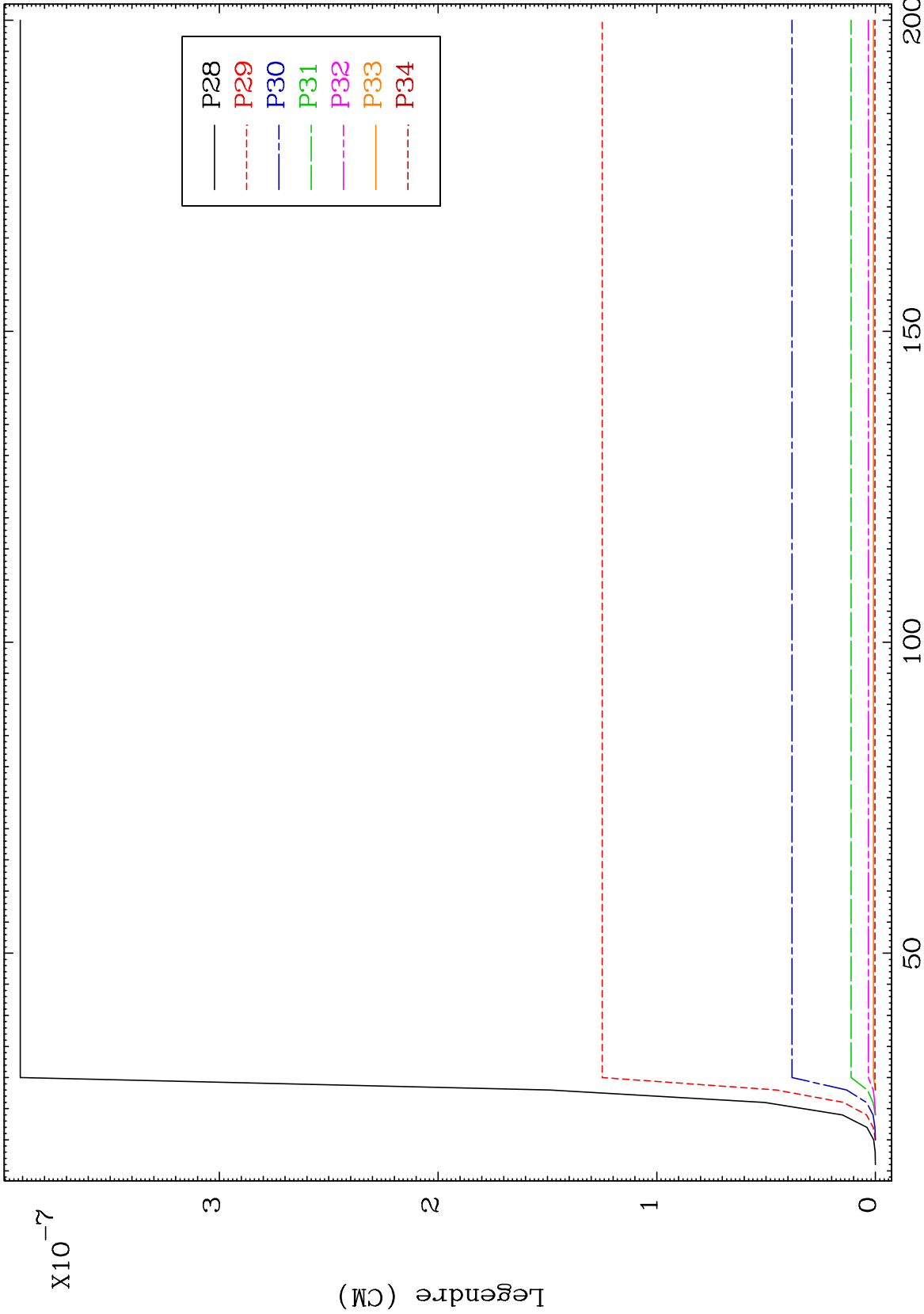
37-Rb-79



MAT 3707

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

37-Rb-79



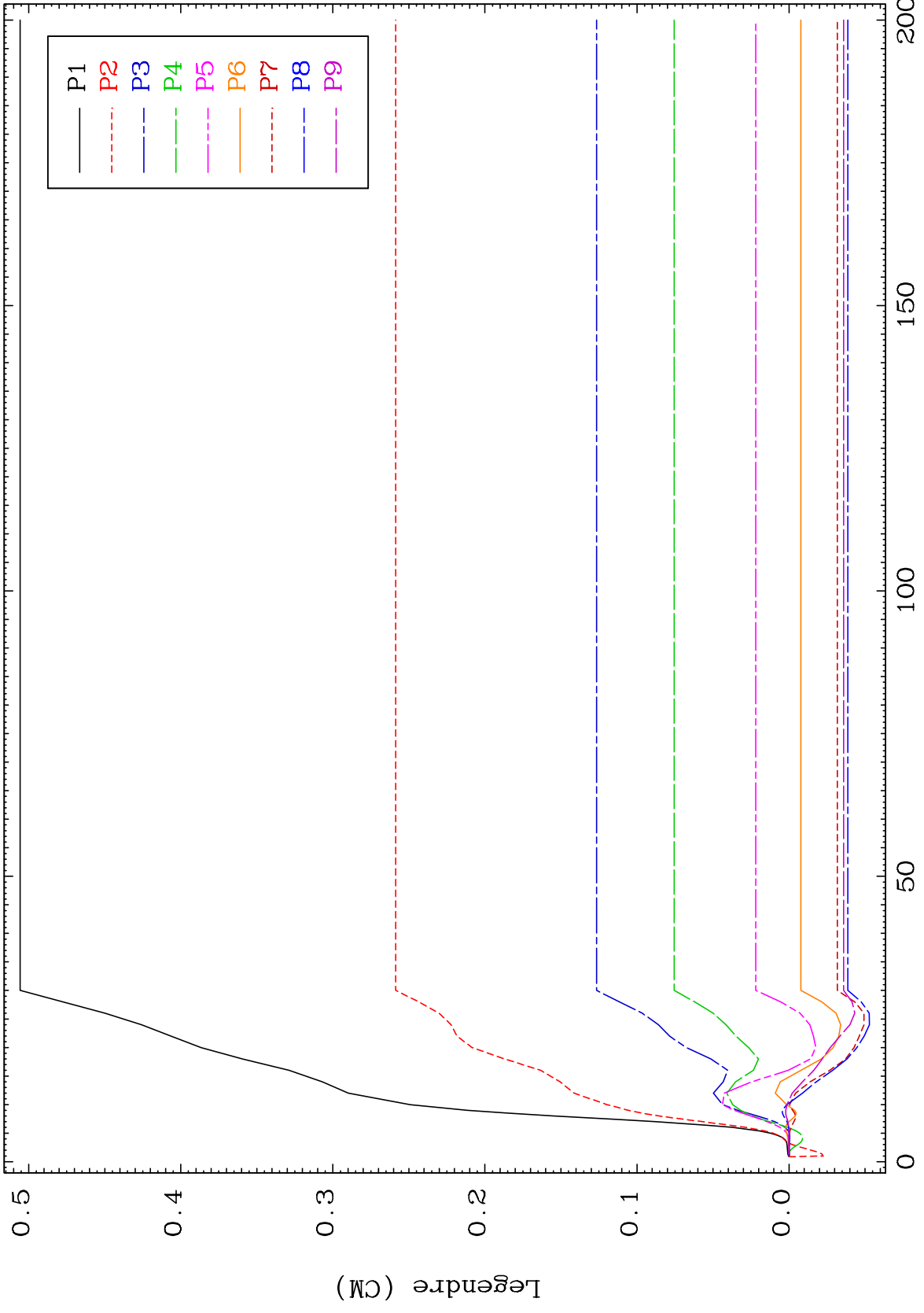
88

37-Rb-79

MAT 3707

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

37-Rb-79



89

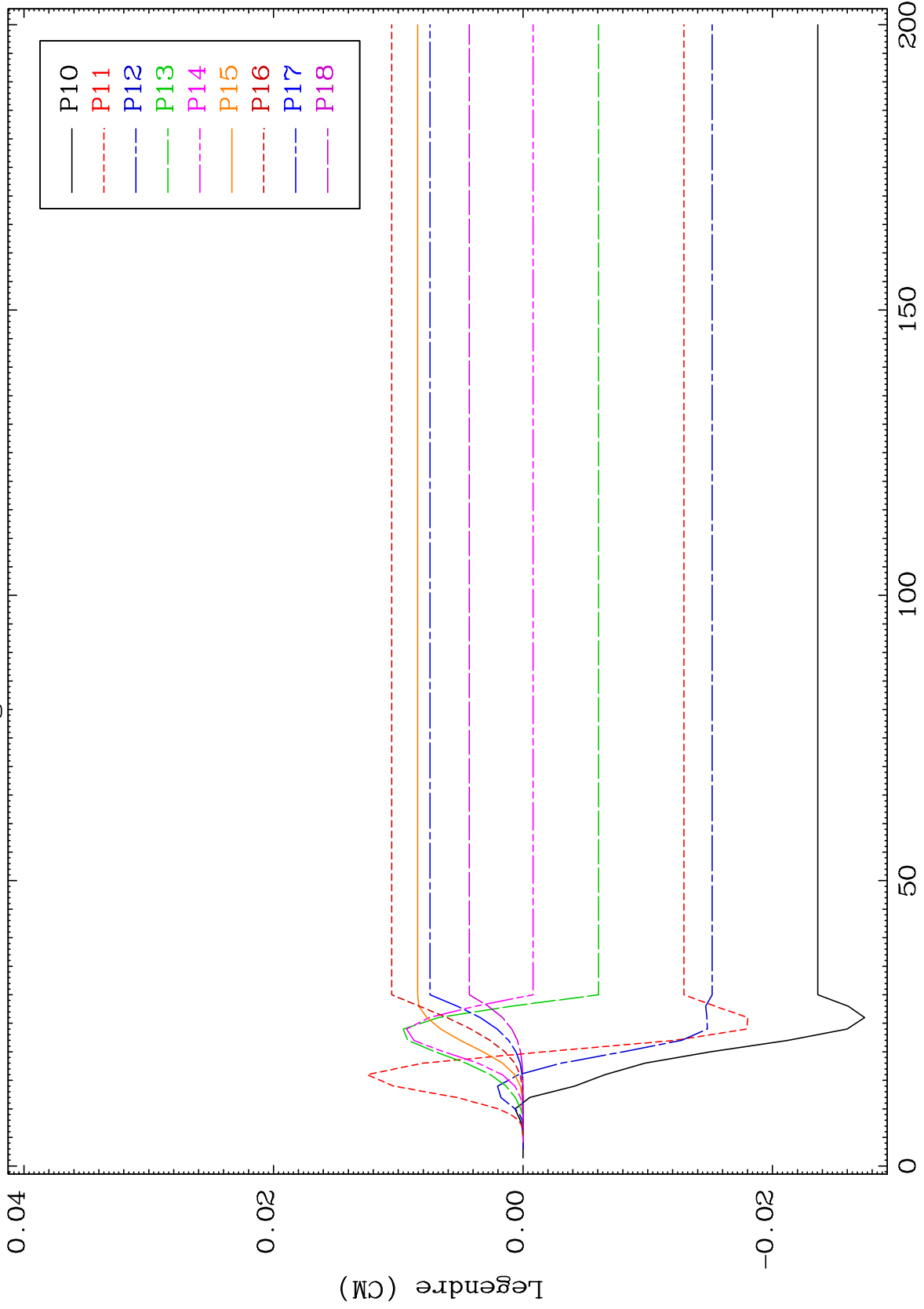
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



90

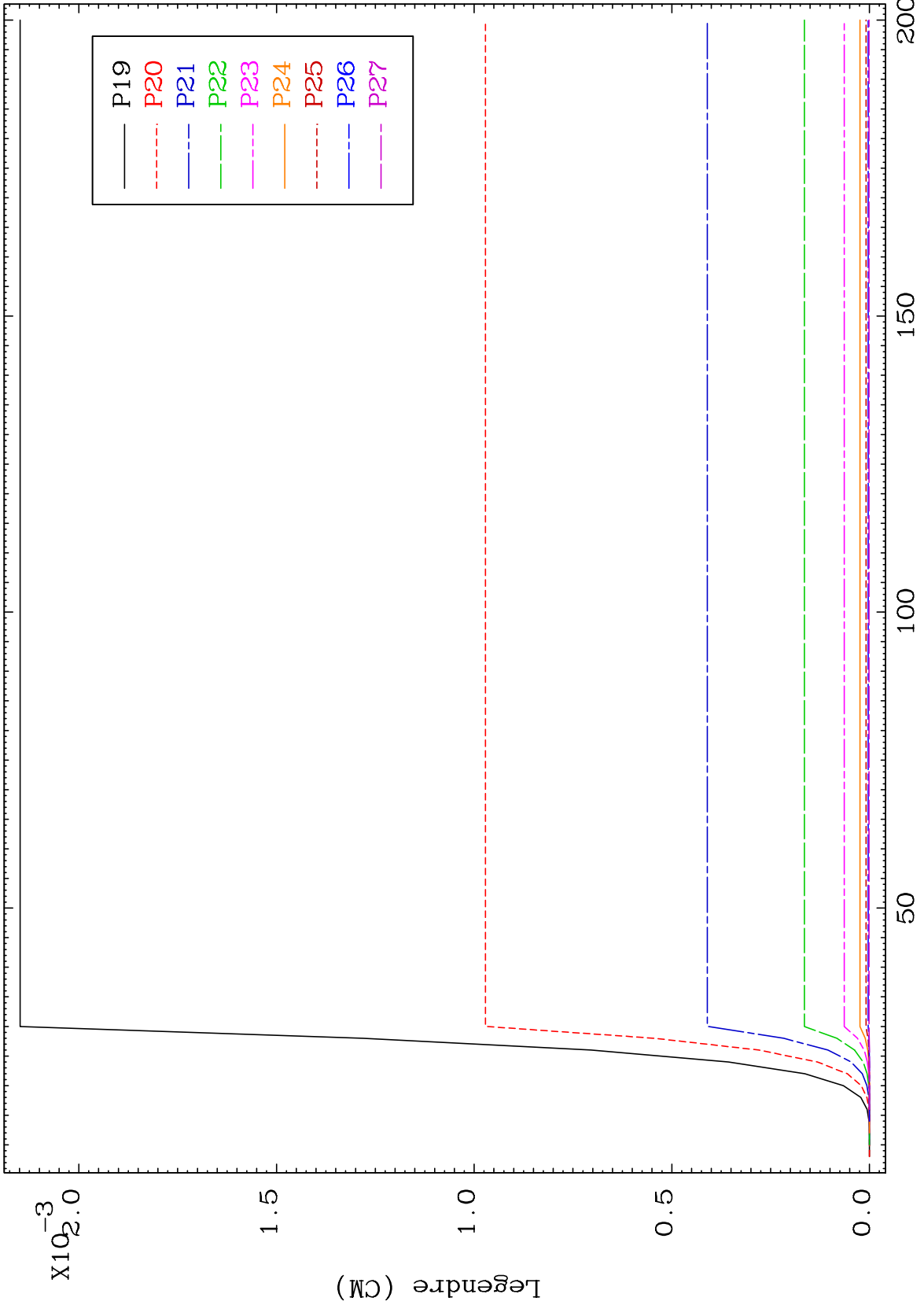
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



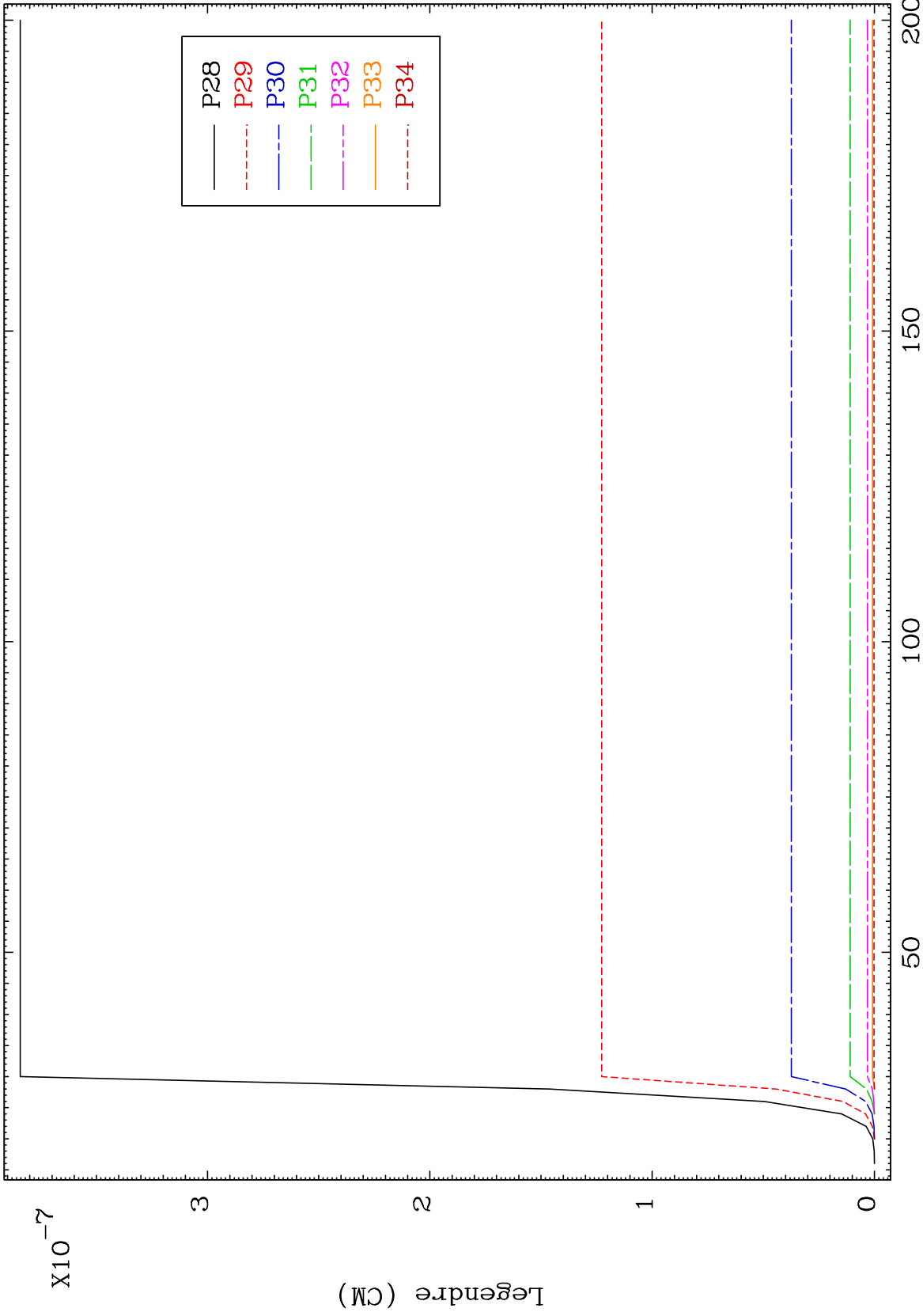
91

37-Rb-79

MAT 3707

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

37-Rb-79



92

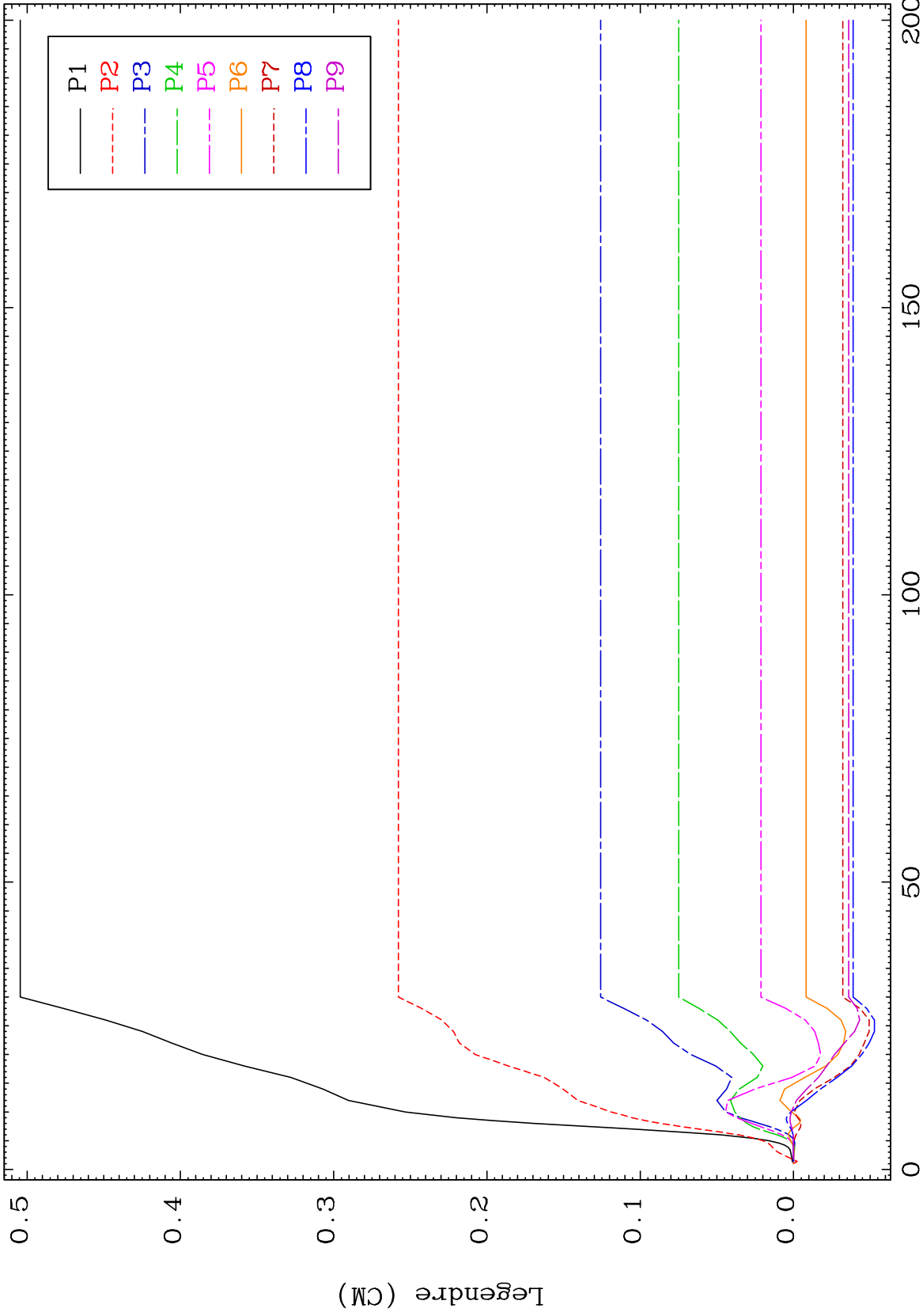
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



93

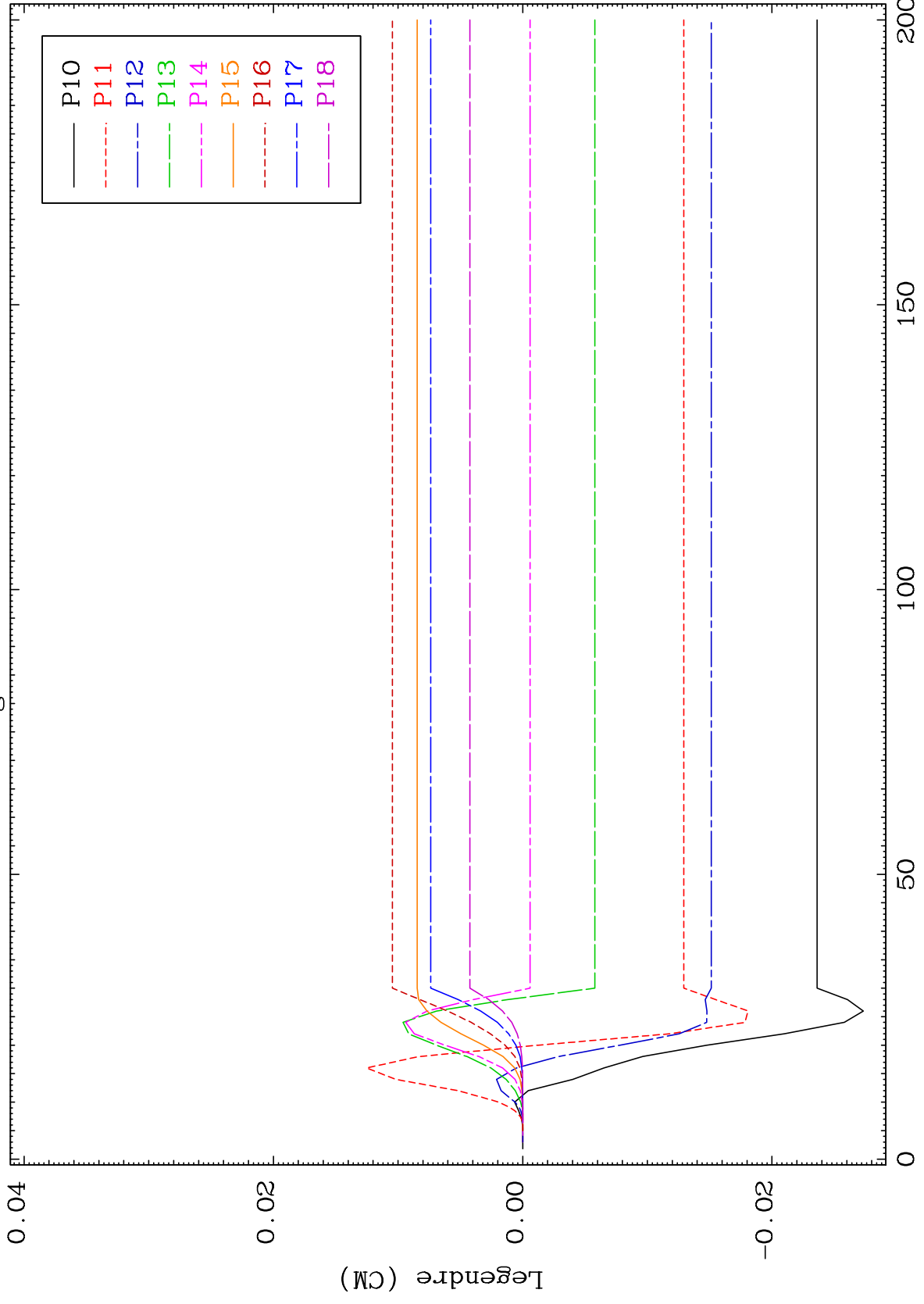
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



94

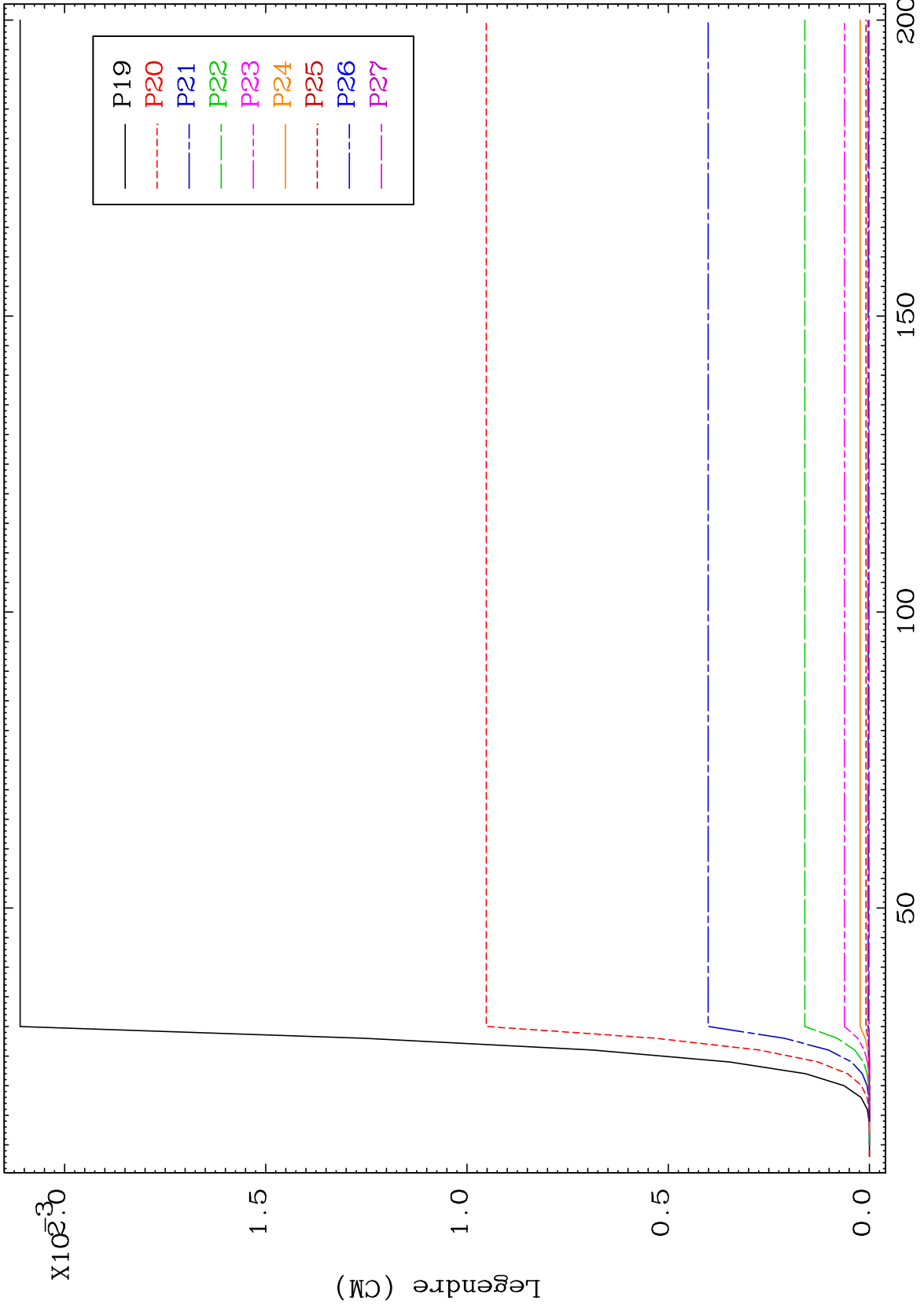
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



95

Incident Energy (MeV)

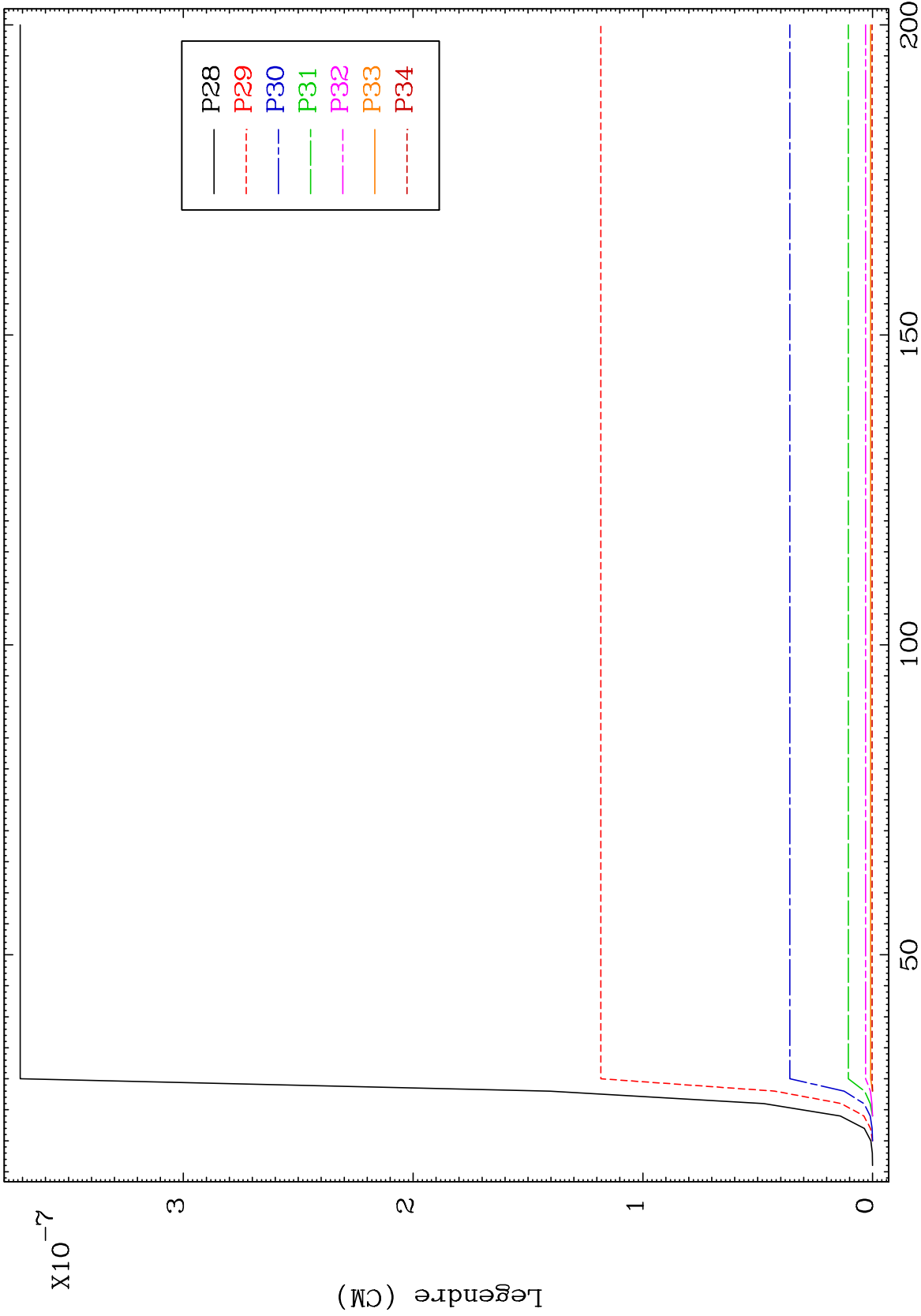
37-Rb-79



MAT 3707

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

37-Rb-79



96

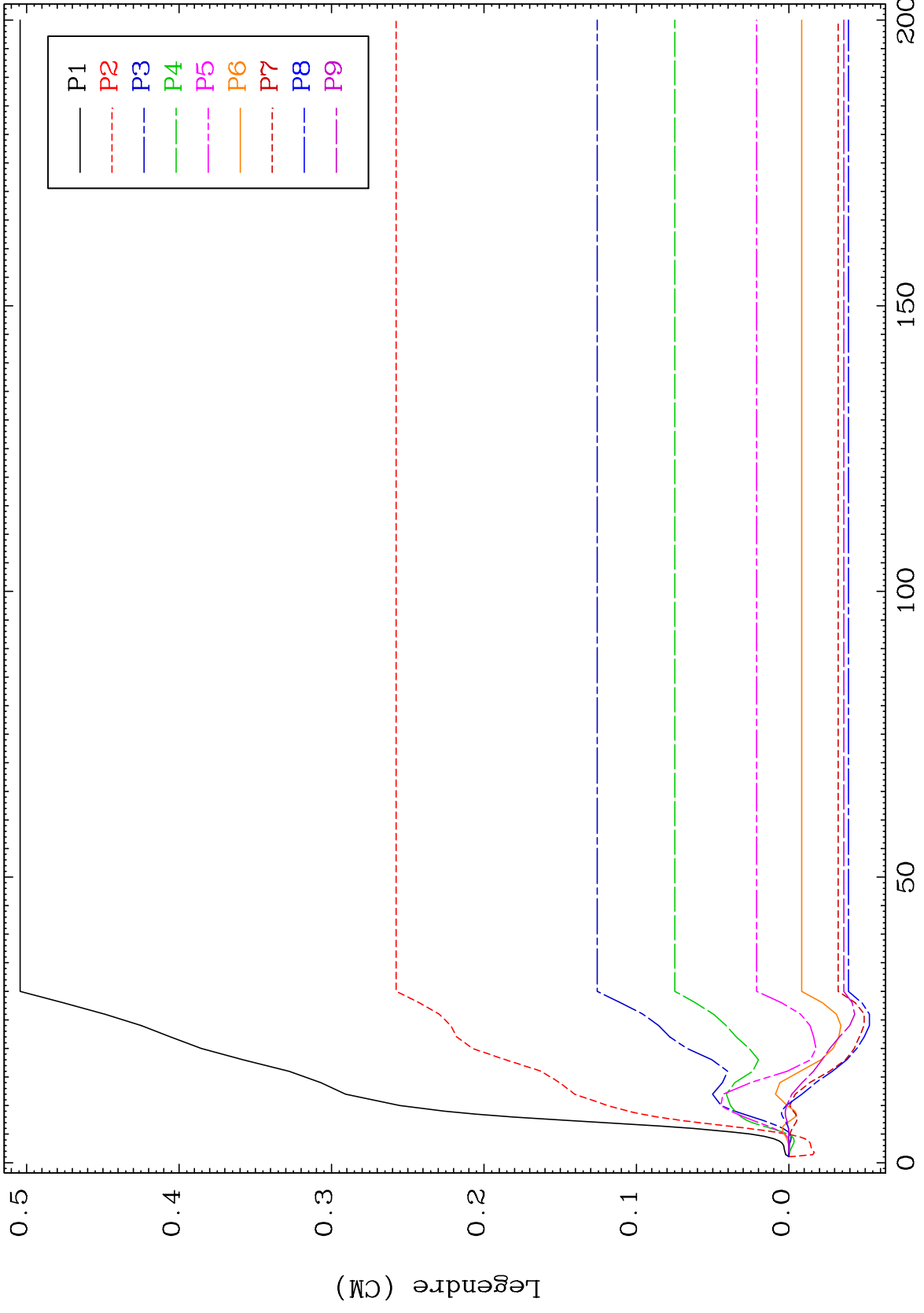
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



97

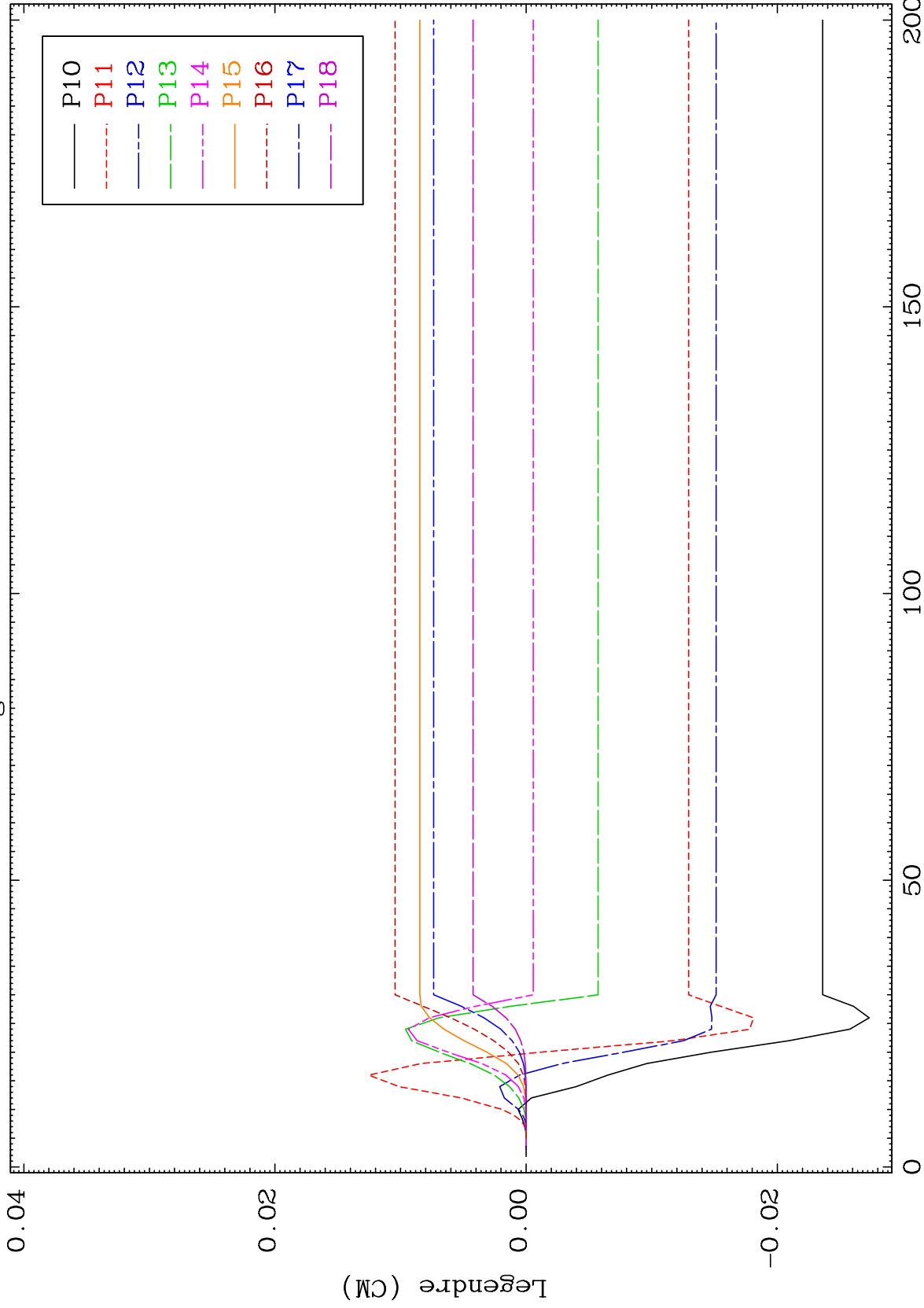
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



98

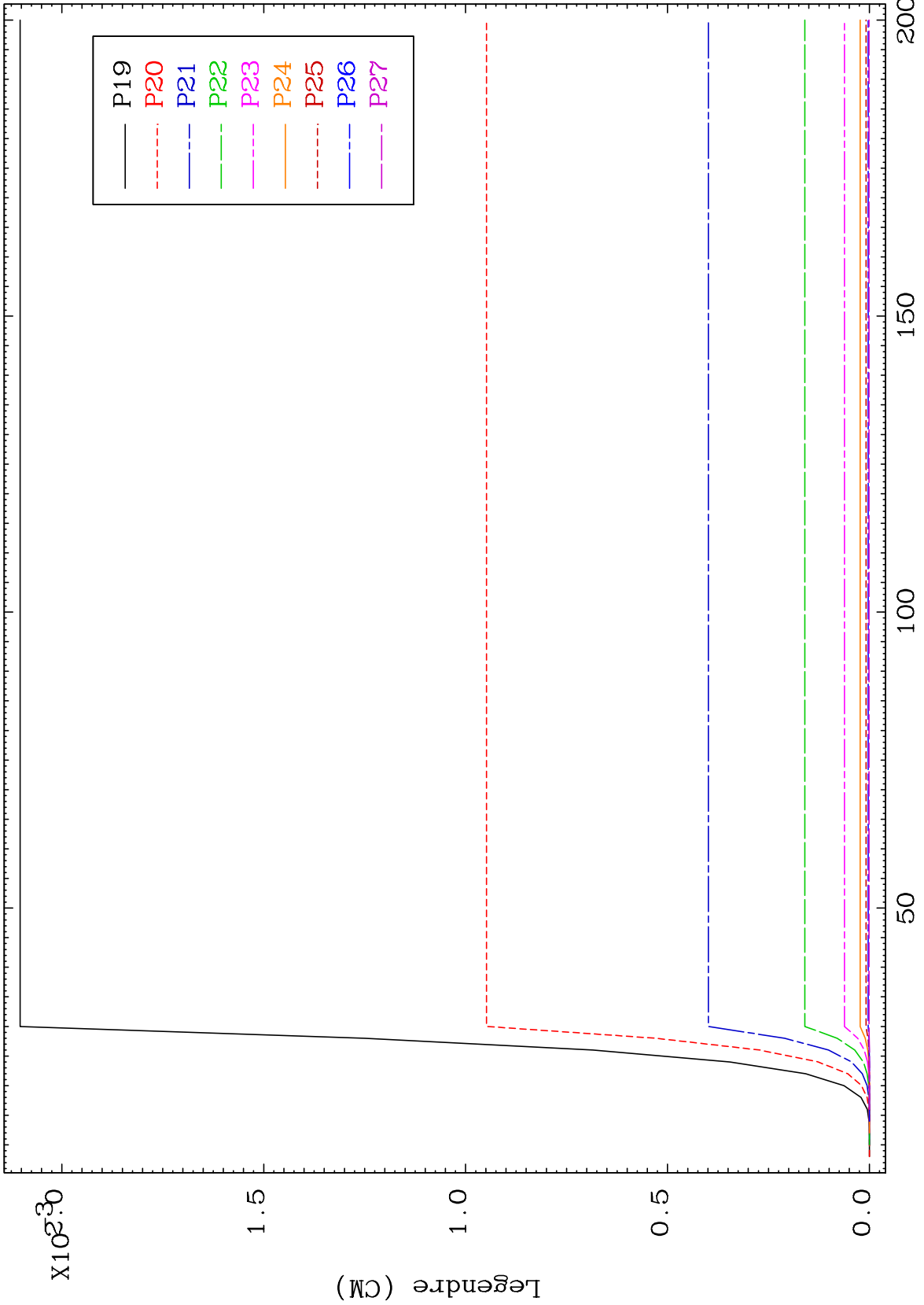
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



99

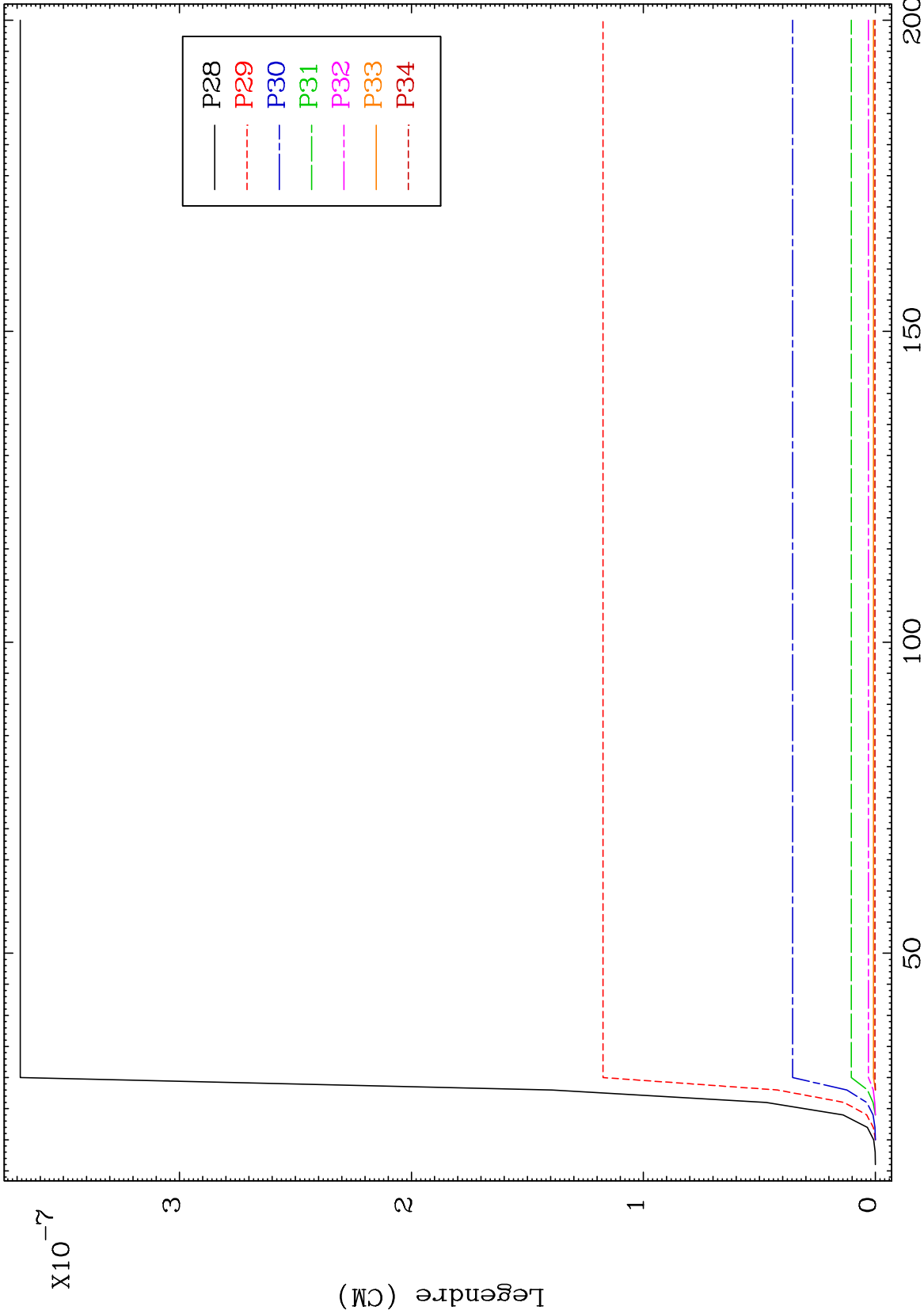
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



100

50

100

150

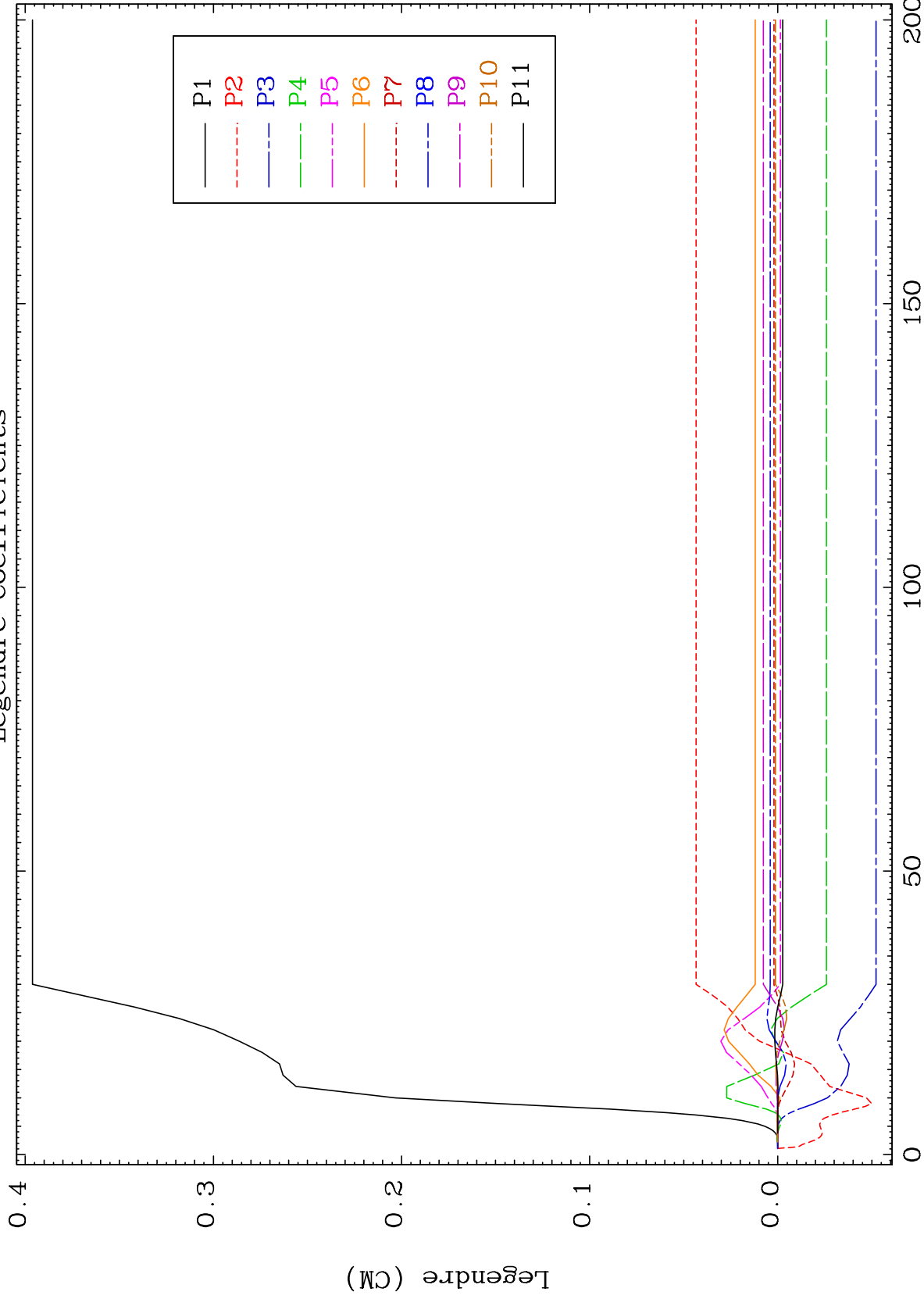
200

37-Rb-79

MAT 3707

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

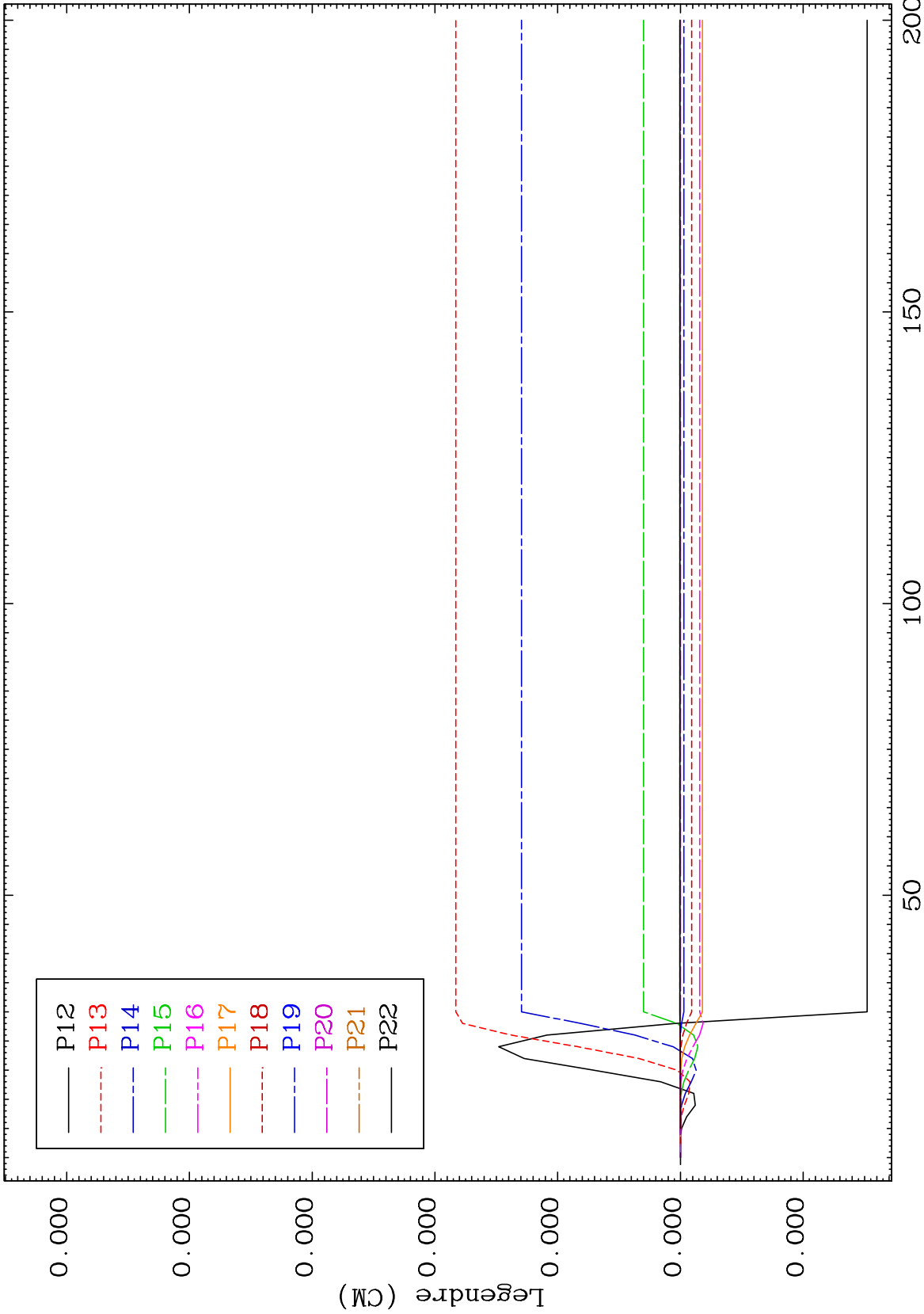
37-Rb-79



101

Incident Energy (MeV)

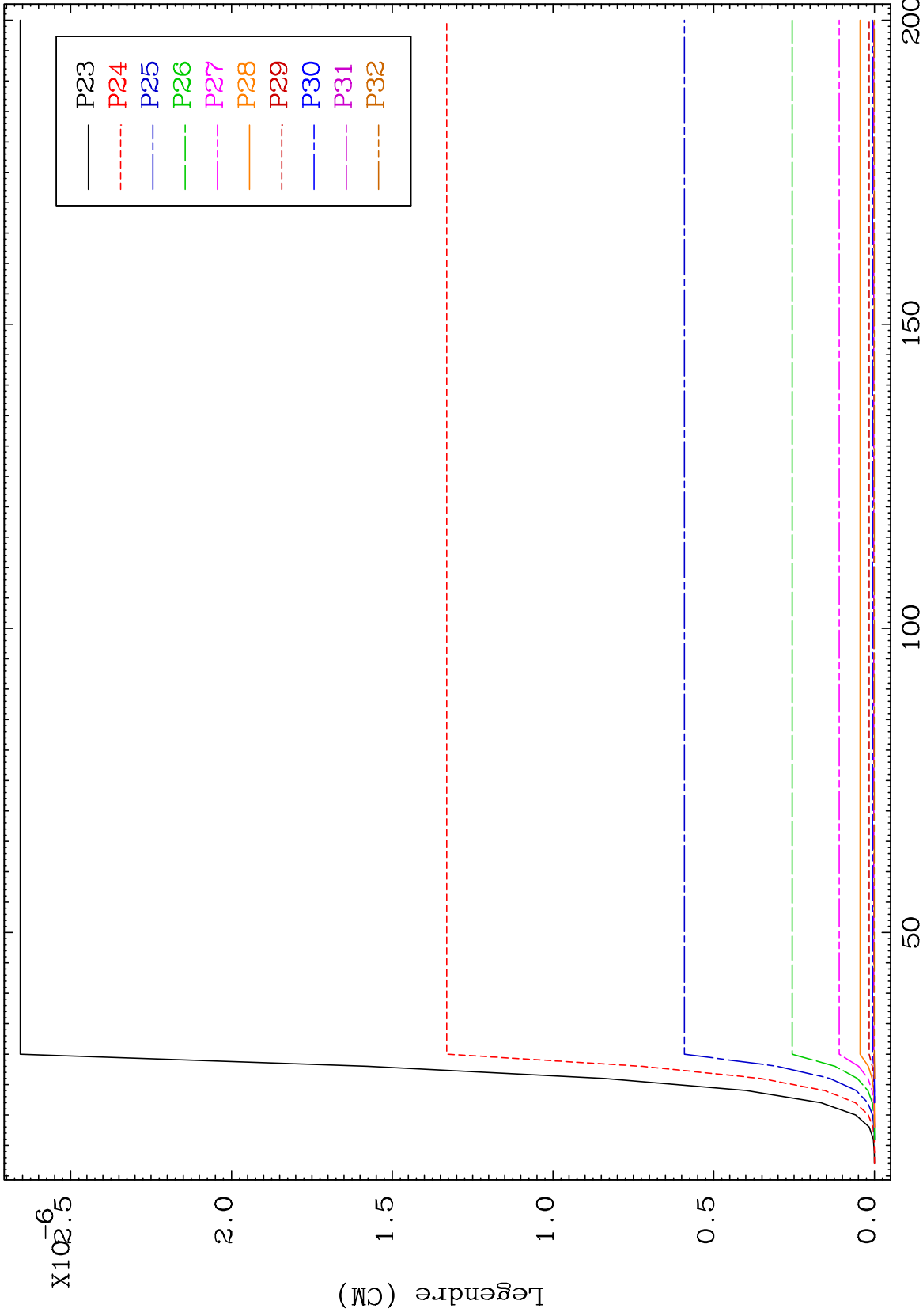
37-Rb-79



MAT 3707

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

37-Rb-79



103

Incident Energy (MeV)

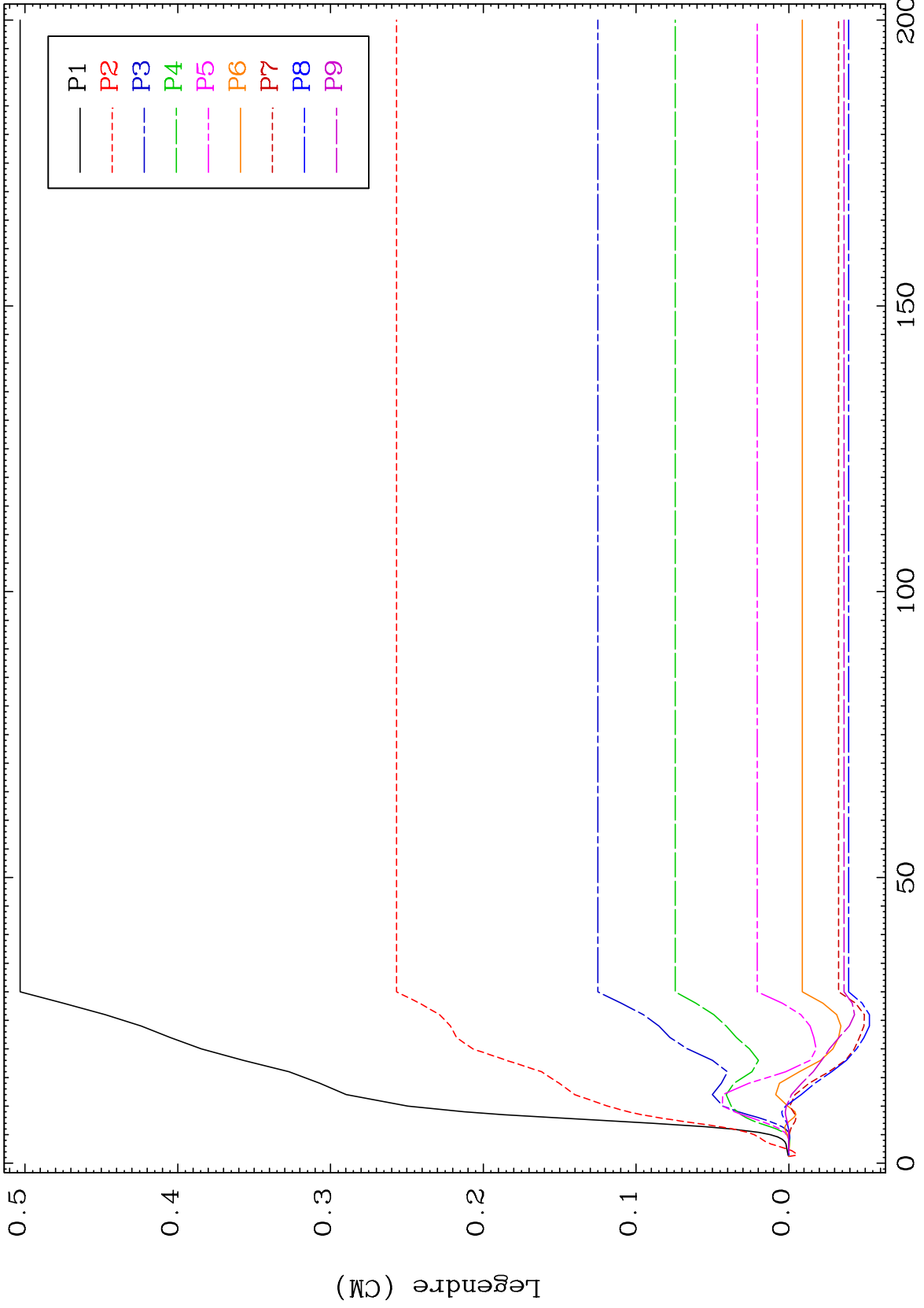
37-Rb-79



MAT 3707

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

37-Rb-79



37-Rb-79

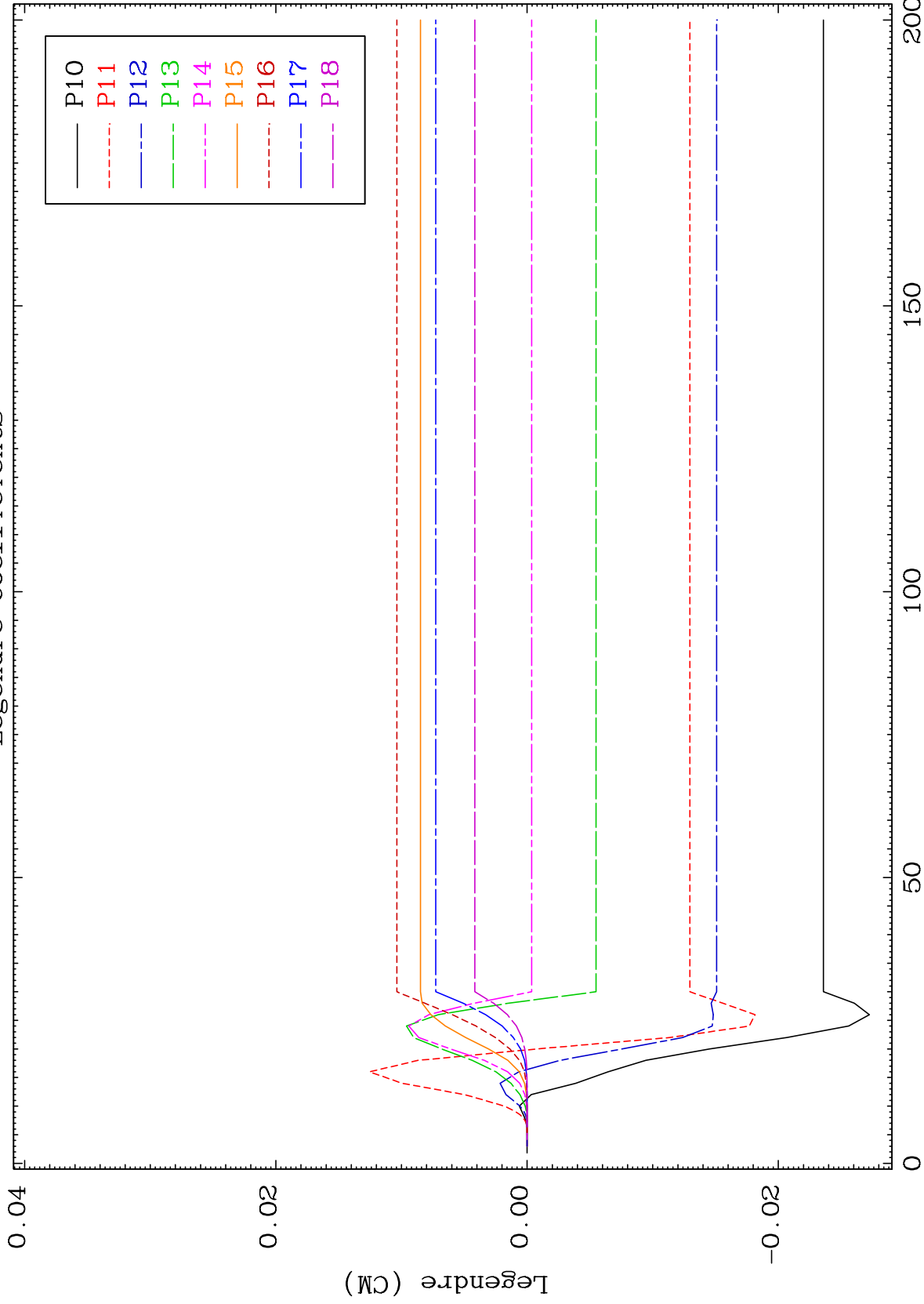
Incident Energy (MeV)

104

MAT 3707

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

37-Rb-79



37-Rb-79

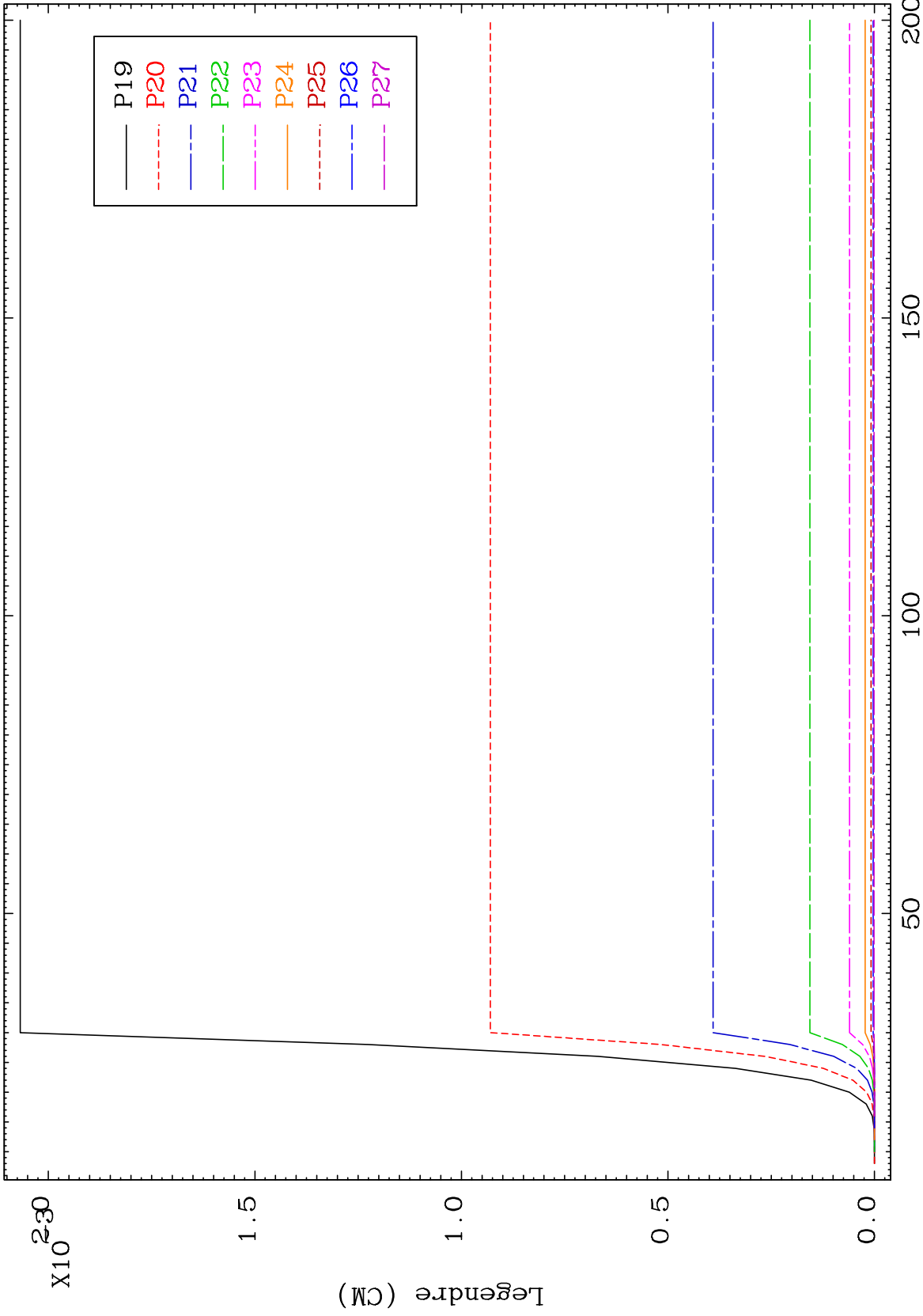
Incident Energy (MeV)

105

MAT 3707

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

37-Rb-79



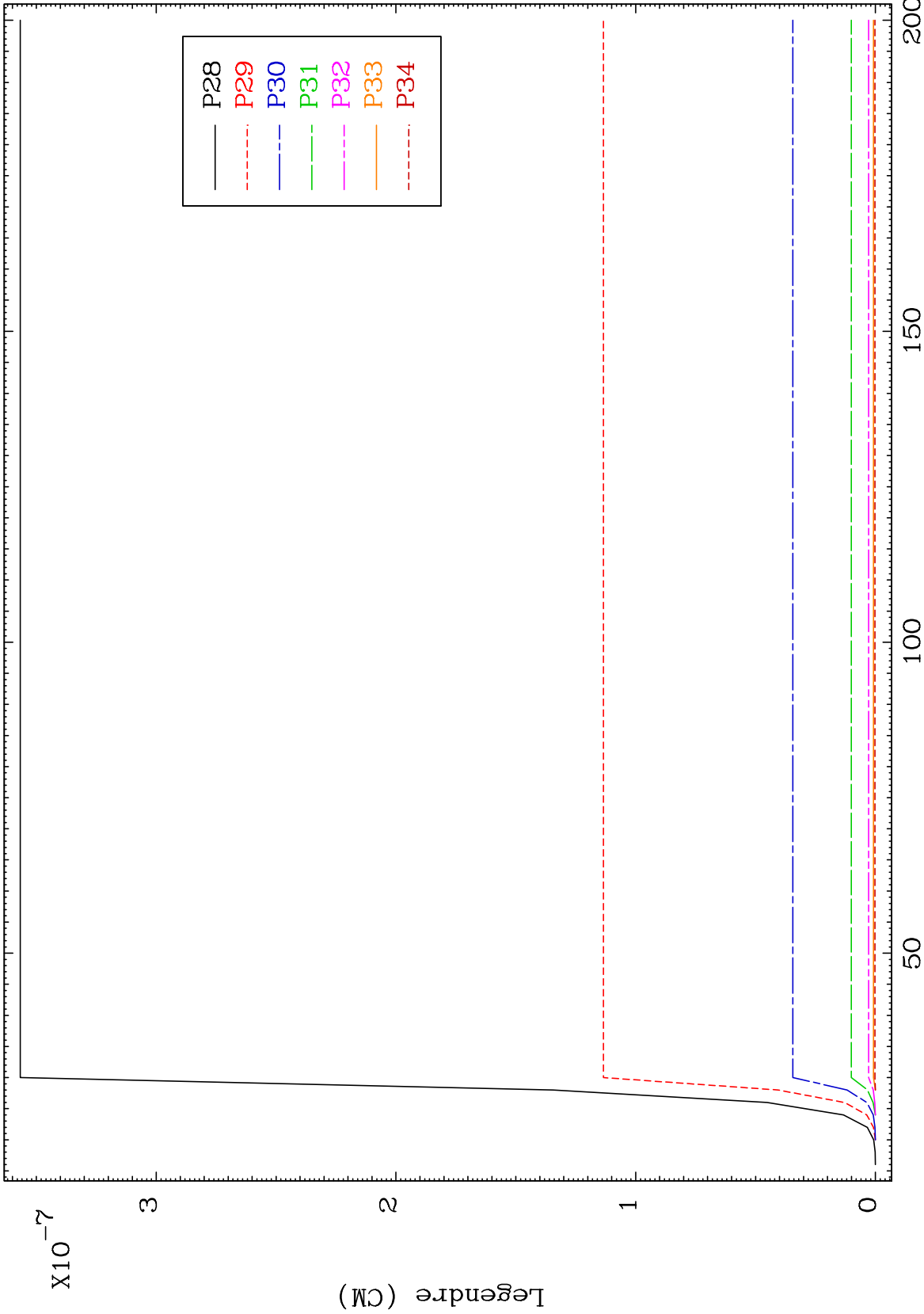
106

37-Rb-79

MAT 3707

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

37-Rb-79



107

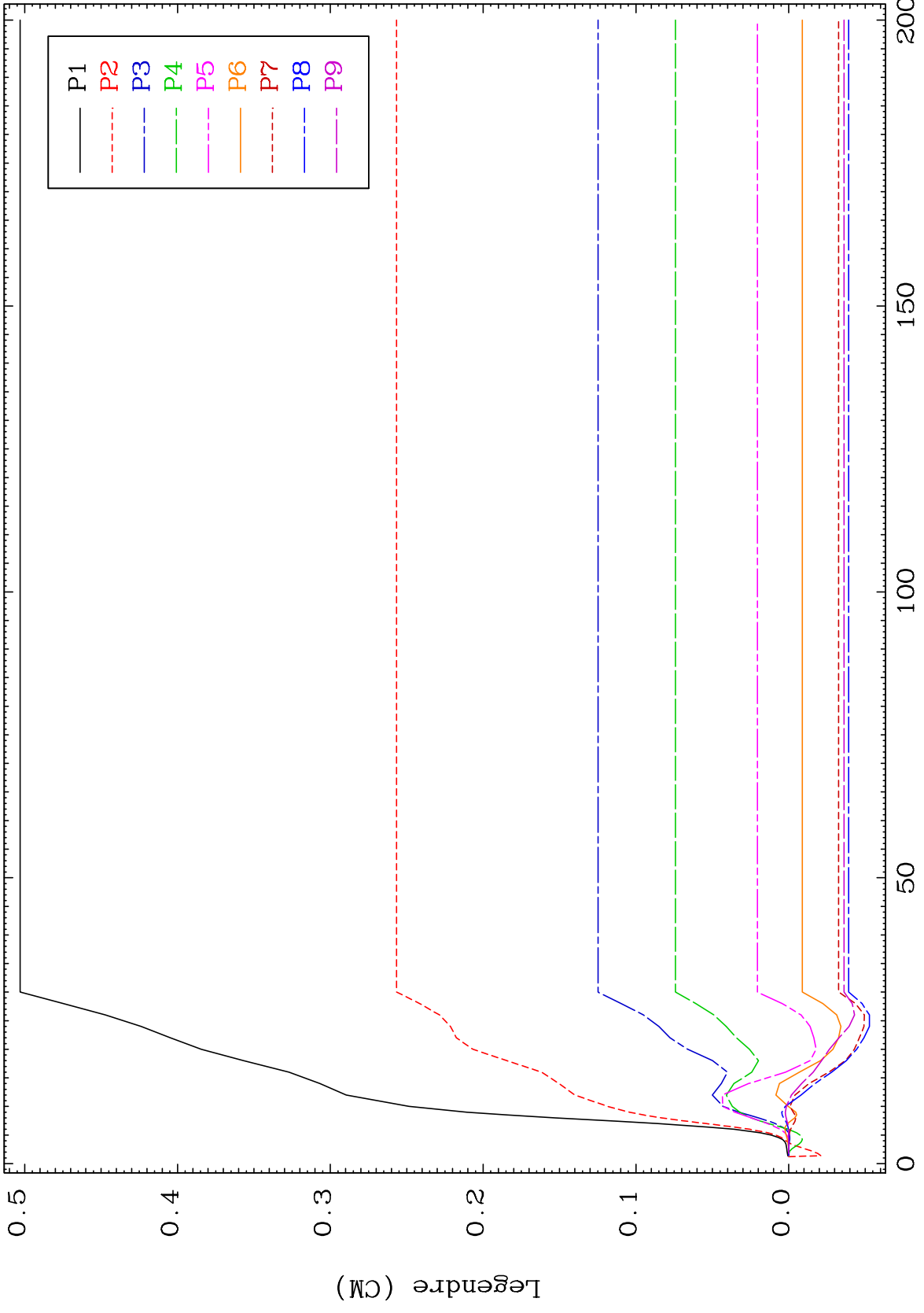
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



108

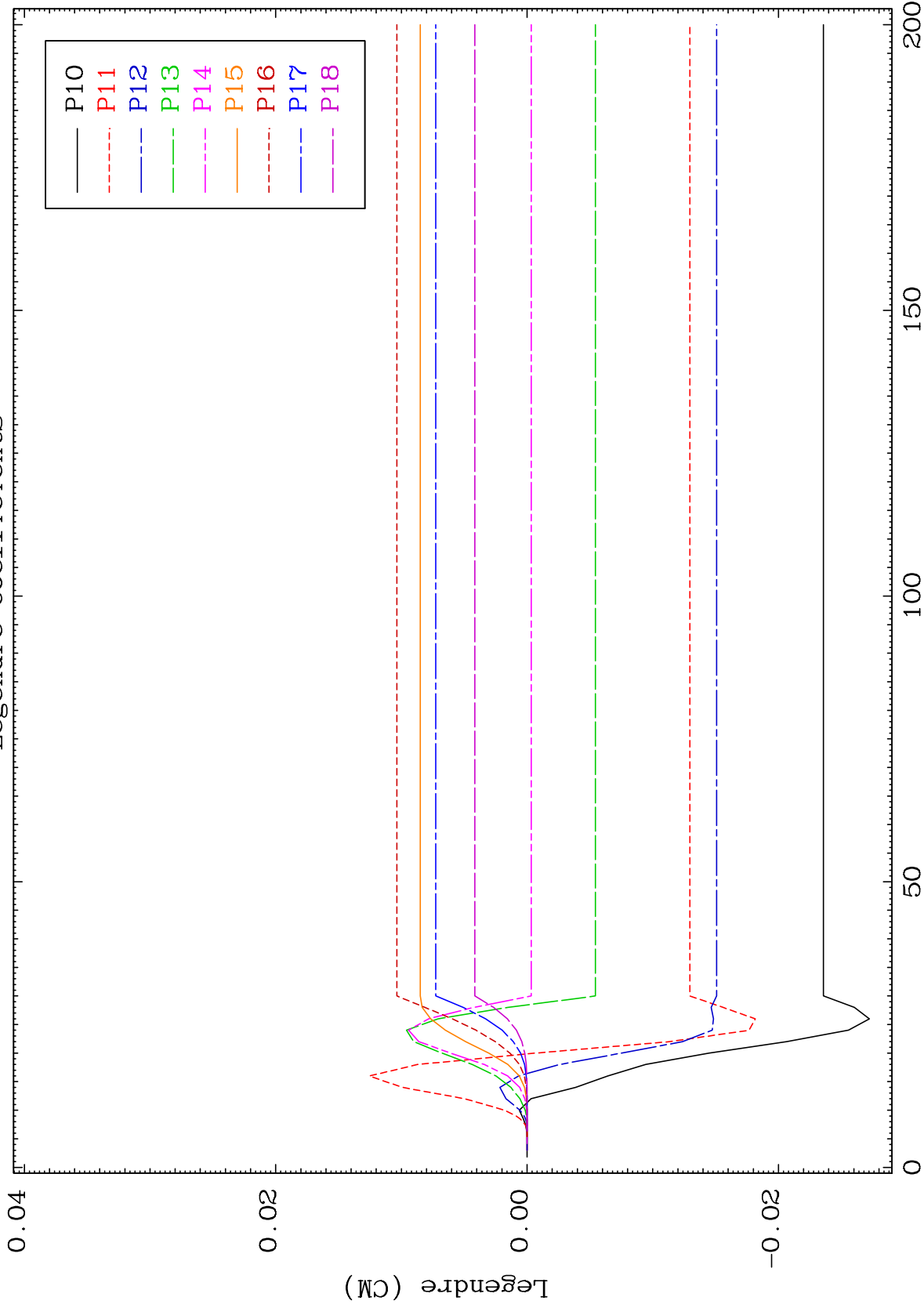
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



109

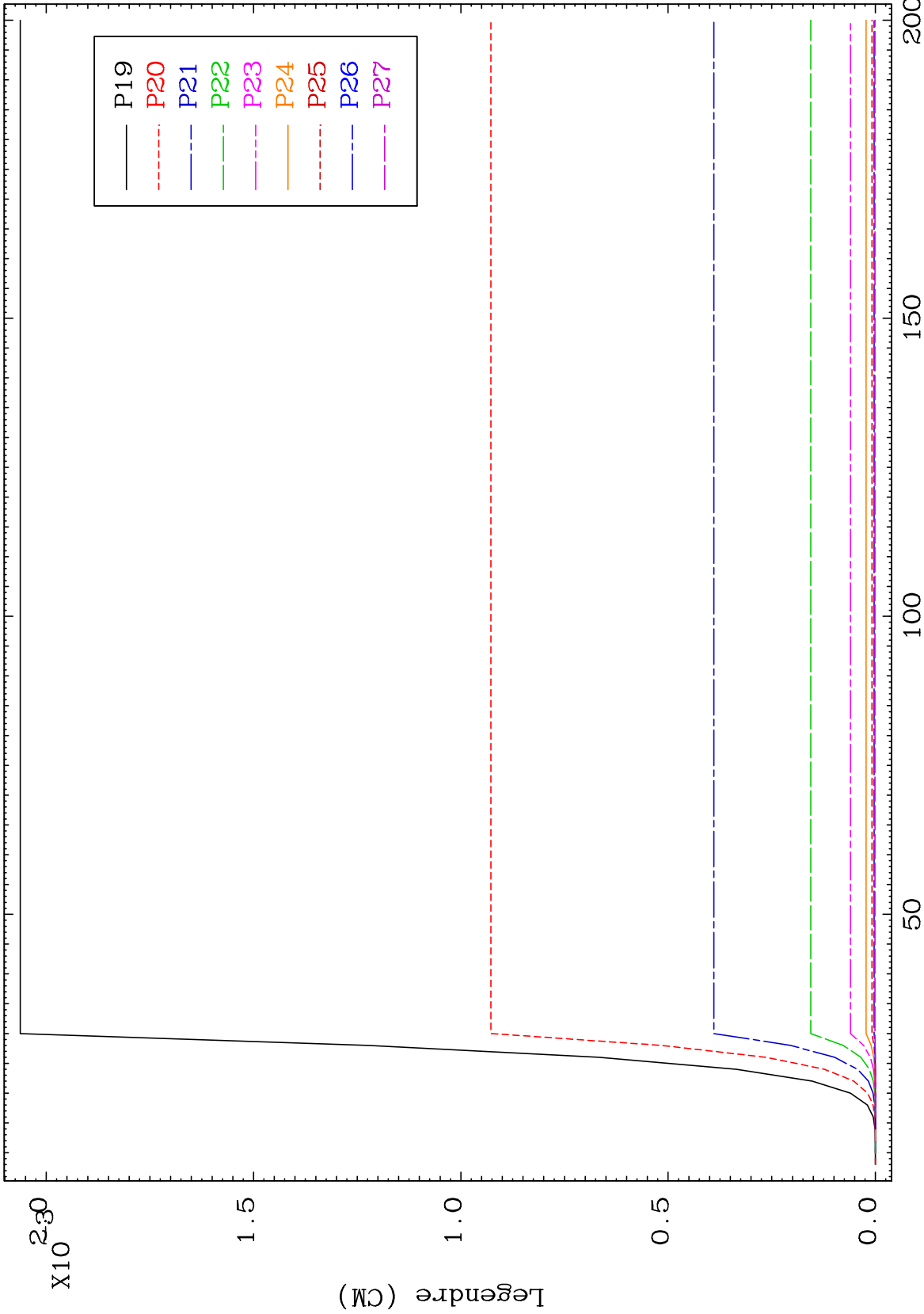
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



110

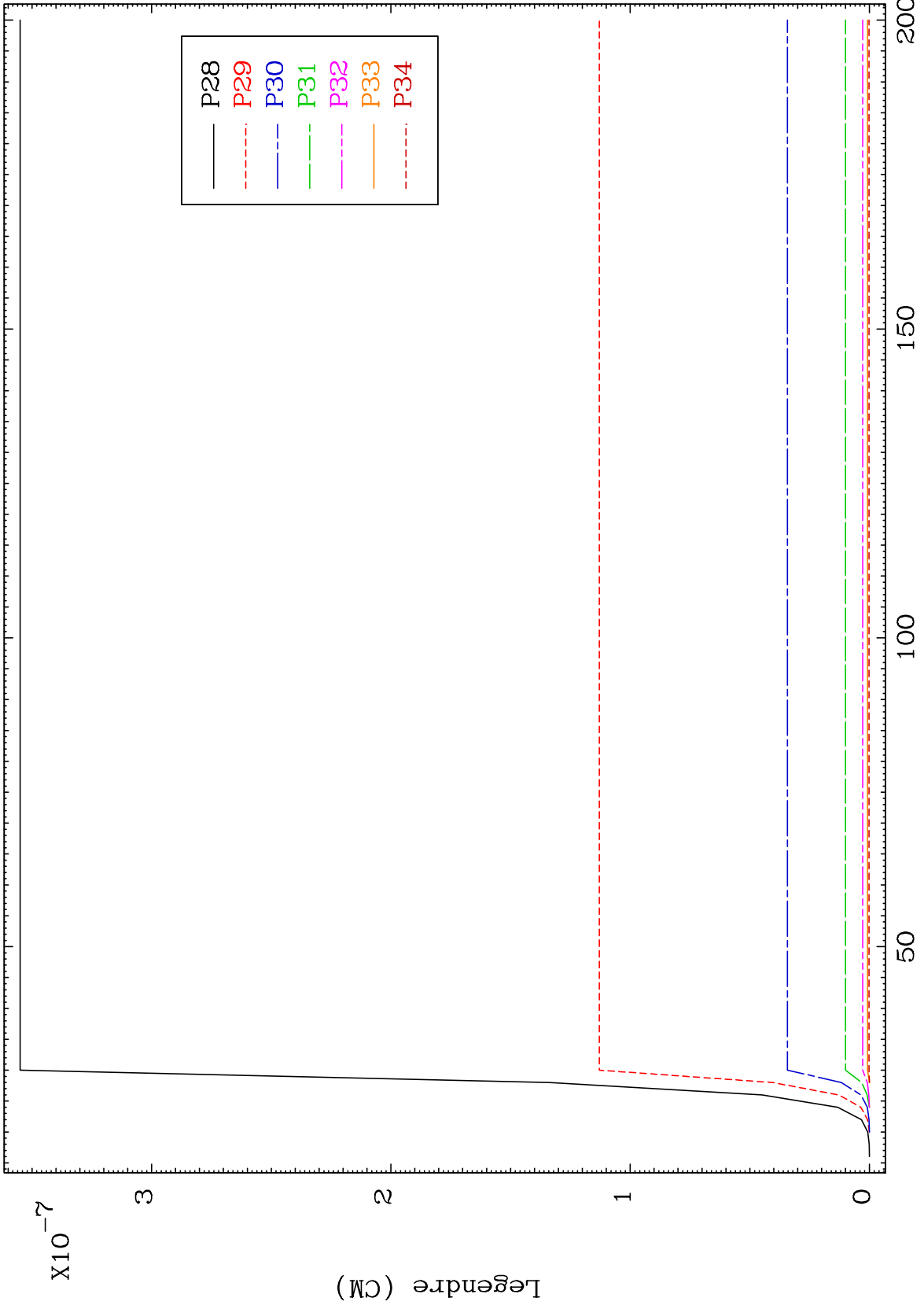
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



111

Incident Energy (MeV)

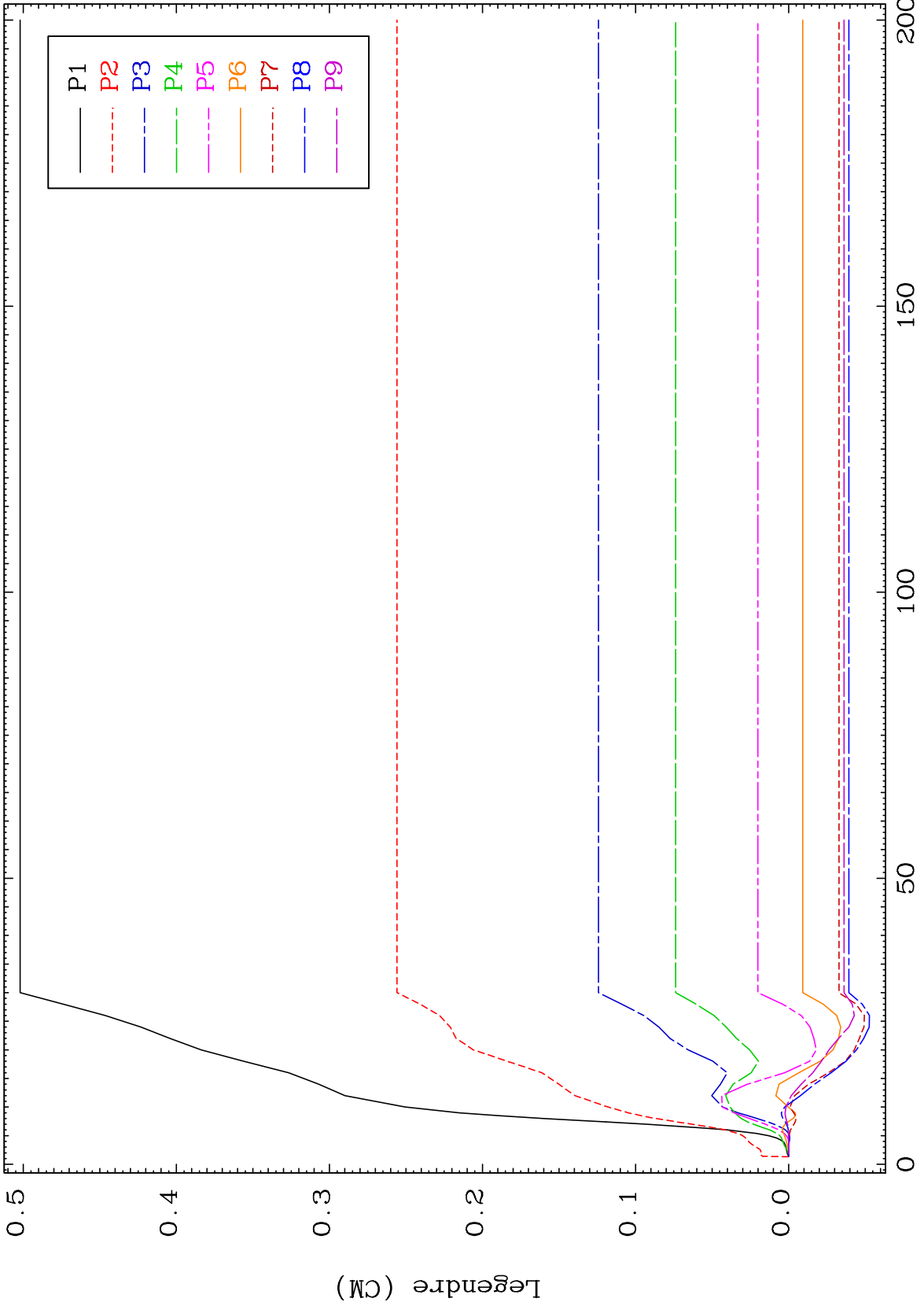
37-Rb-79



MAT 3707

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

37-Rb-79



112

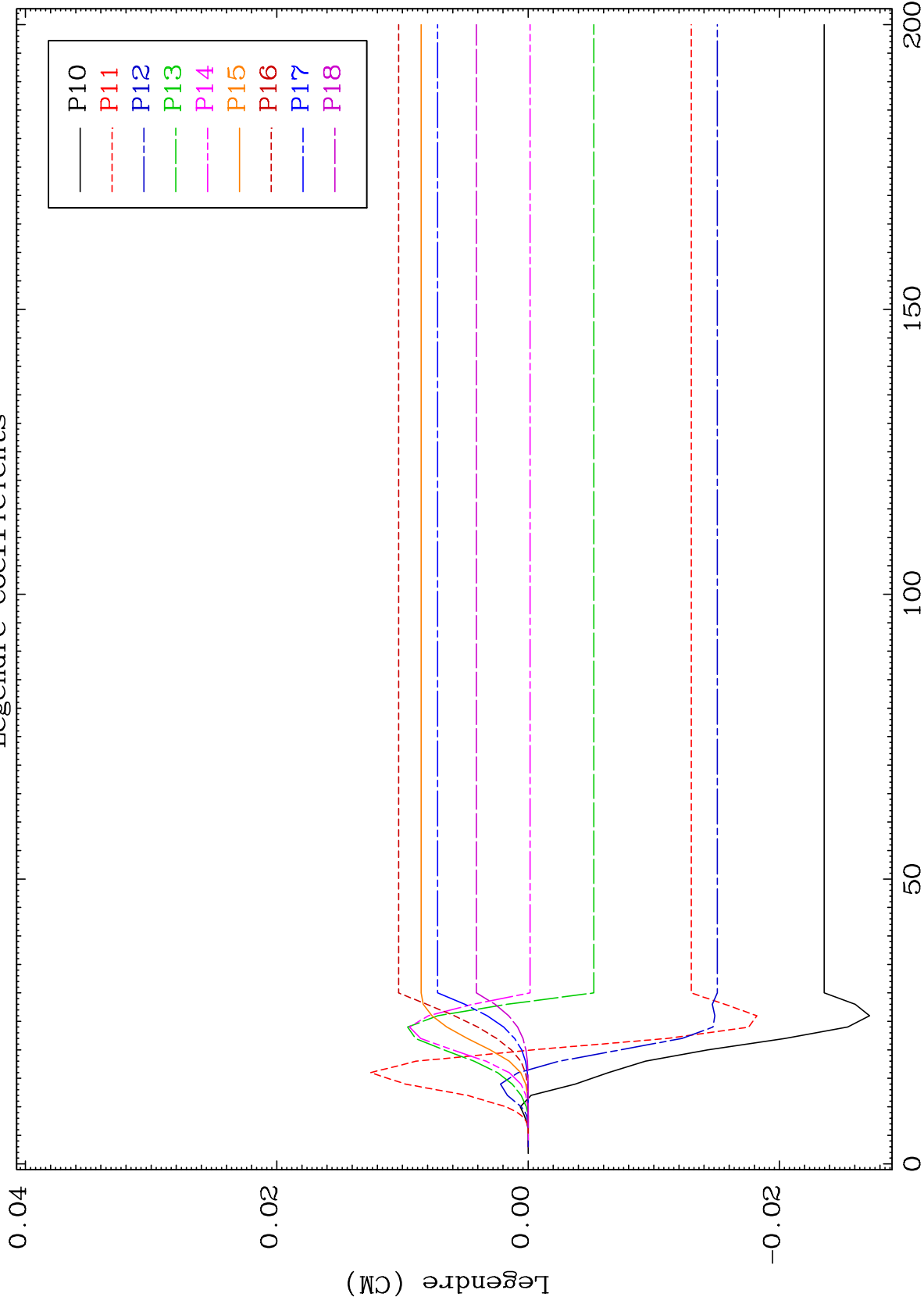
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



113

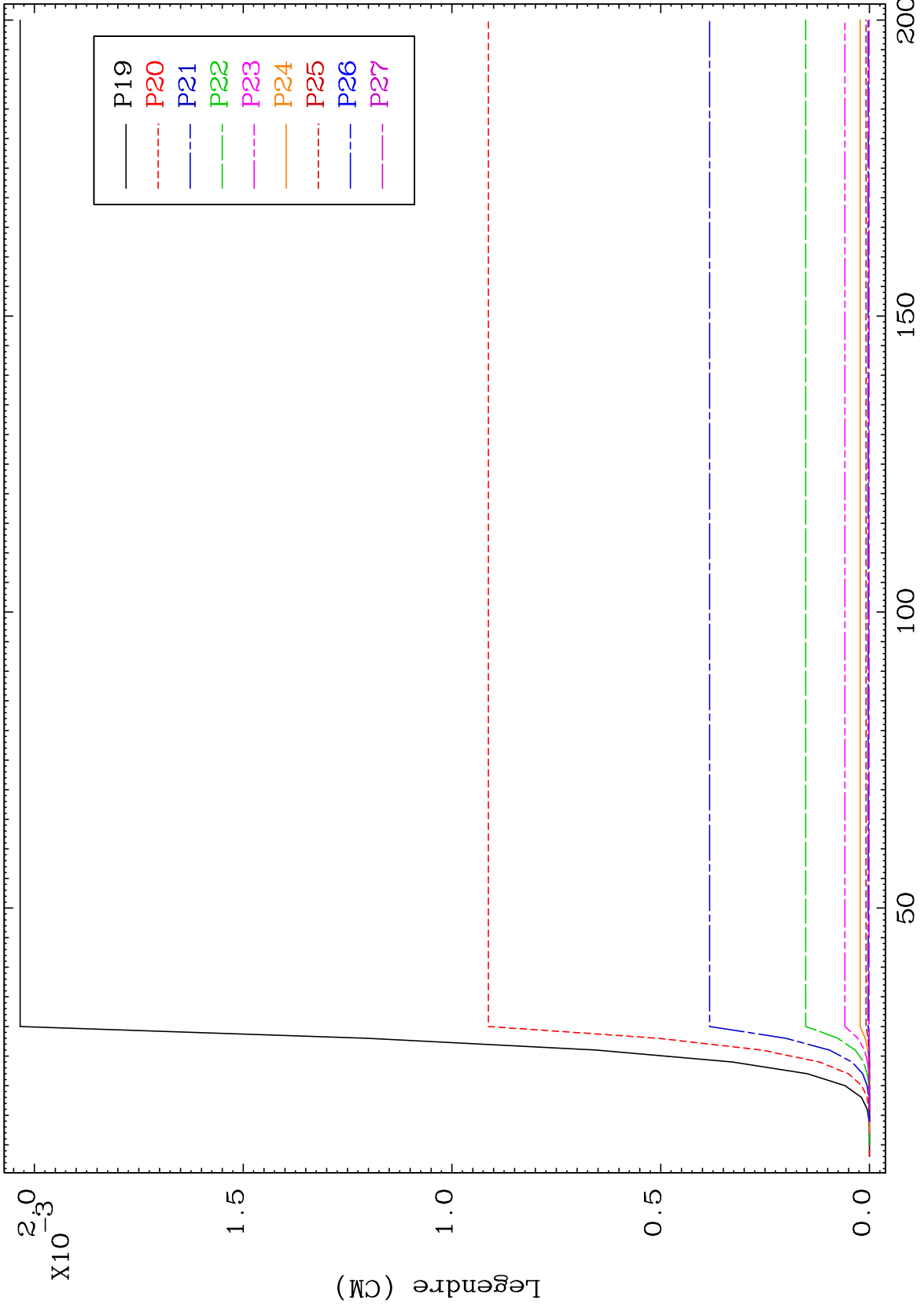
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



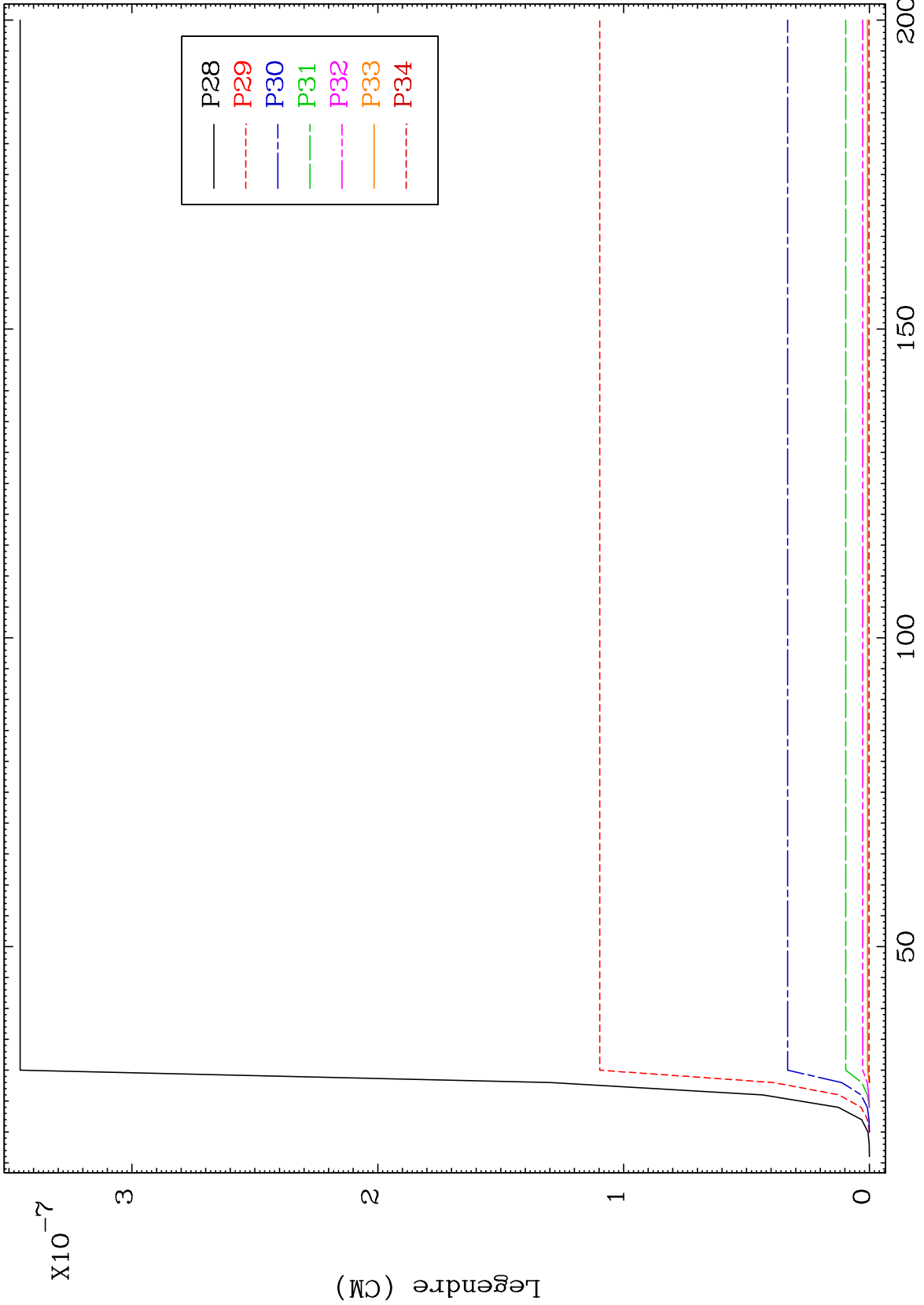
114

37-Rb-79

MAT 3707

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

37-Rb-79



115

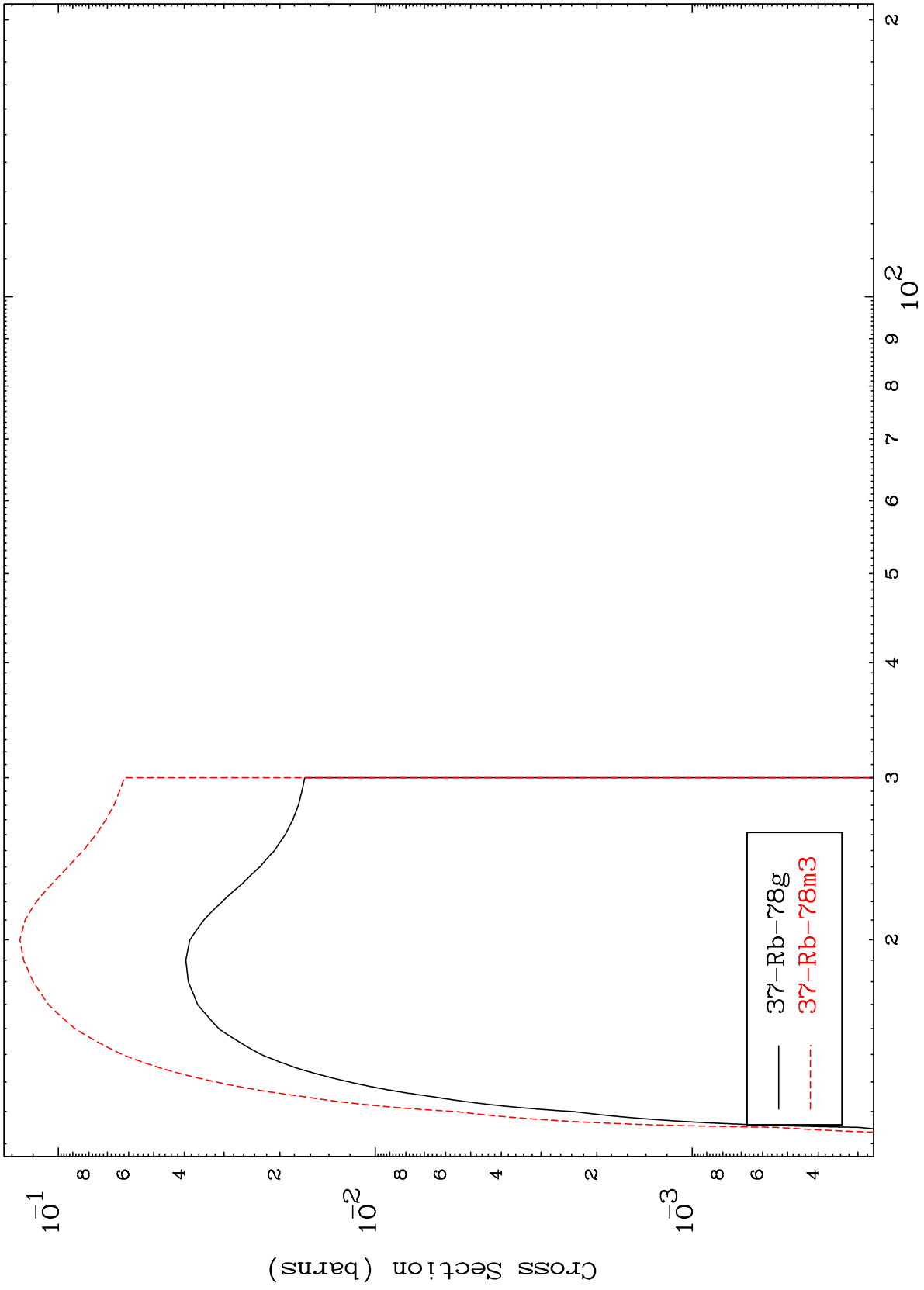
Incident Energy (MeV)

37-Rb-79

MAT 3707

37-Rb-79

(n,2n)  
Radionuclide Production Cross Section



116

Incident Energy (MeV)

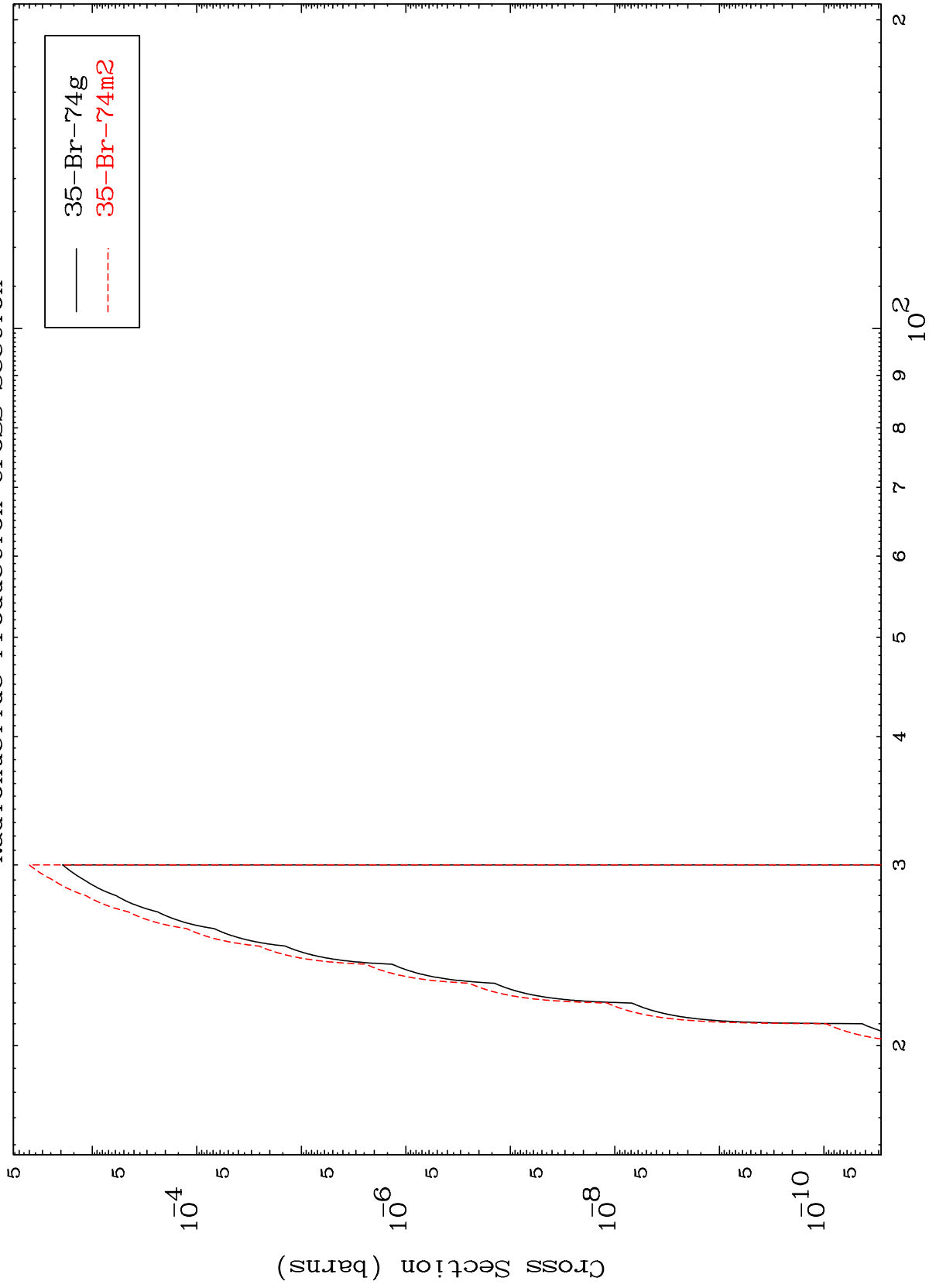
37-Rb-79

MAT 3707

(n,2n)  $\alpha$

37-Rb-79

Radionuclide Production Cross Section

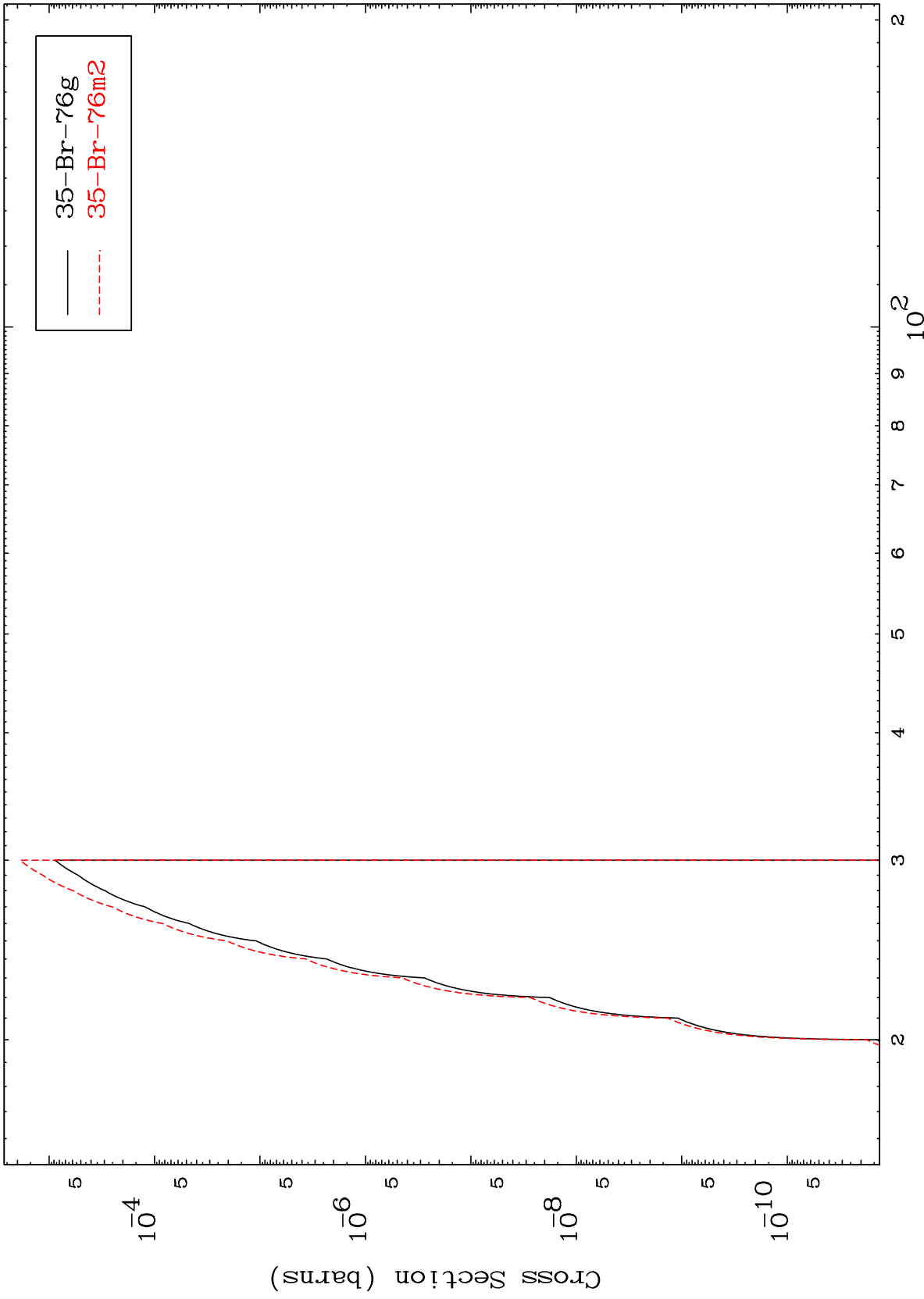


117

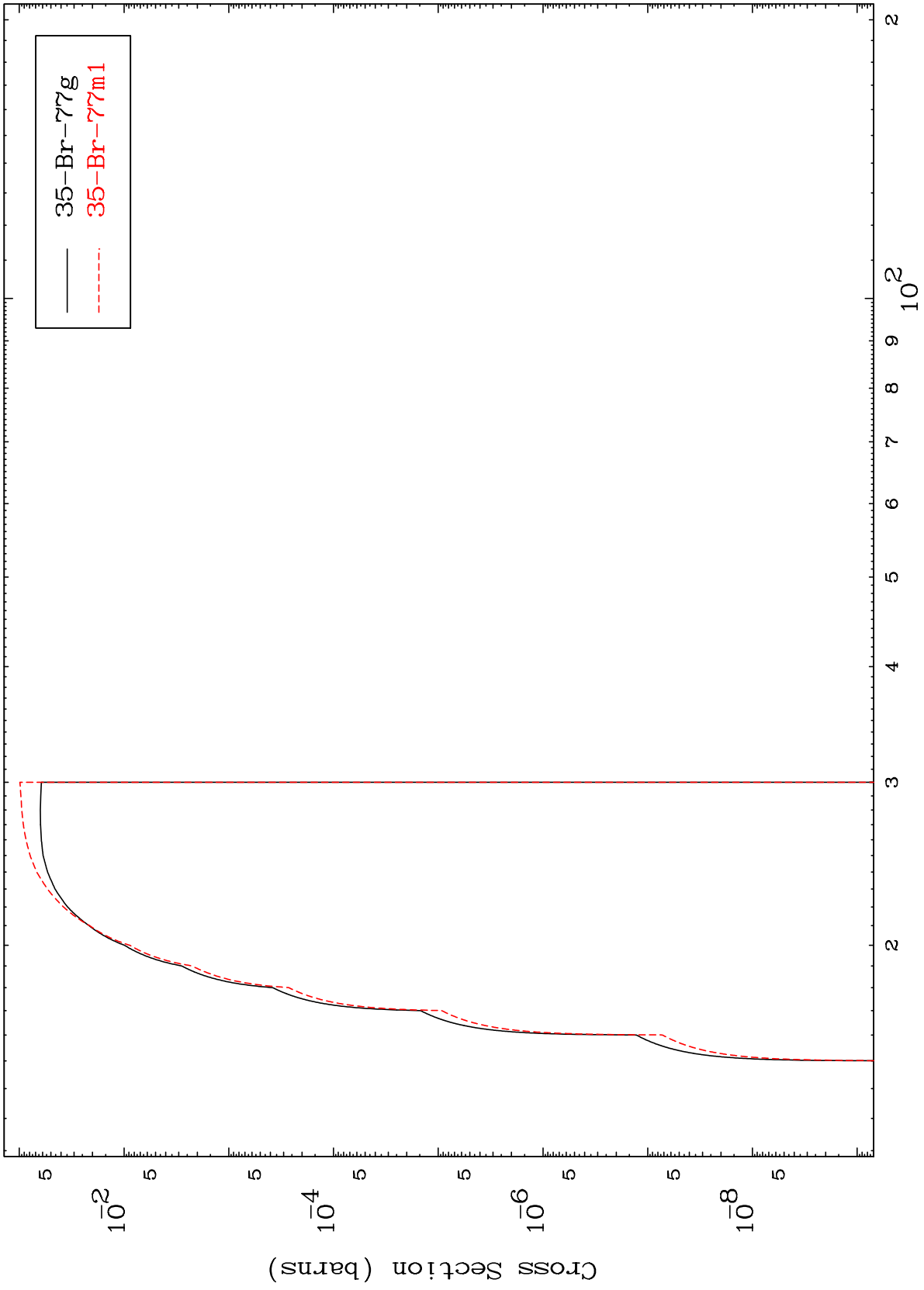
Incident Energy (MeV)

37-Rb-79

Radionuclide Production Cross Section



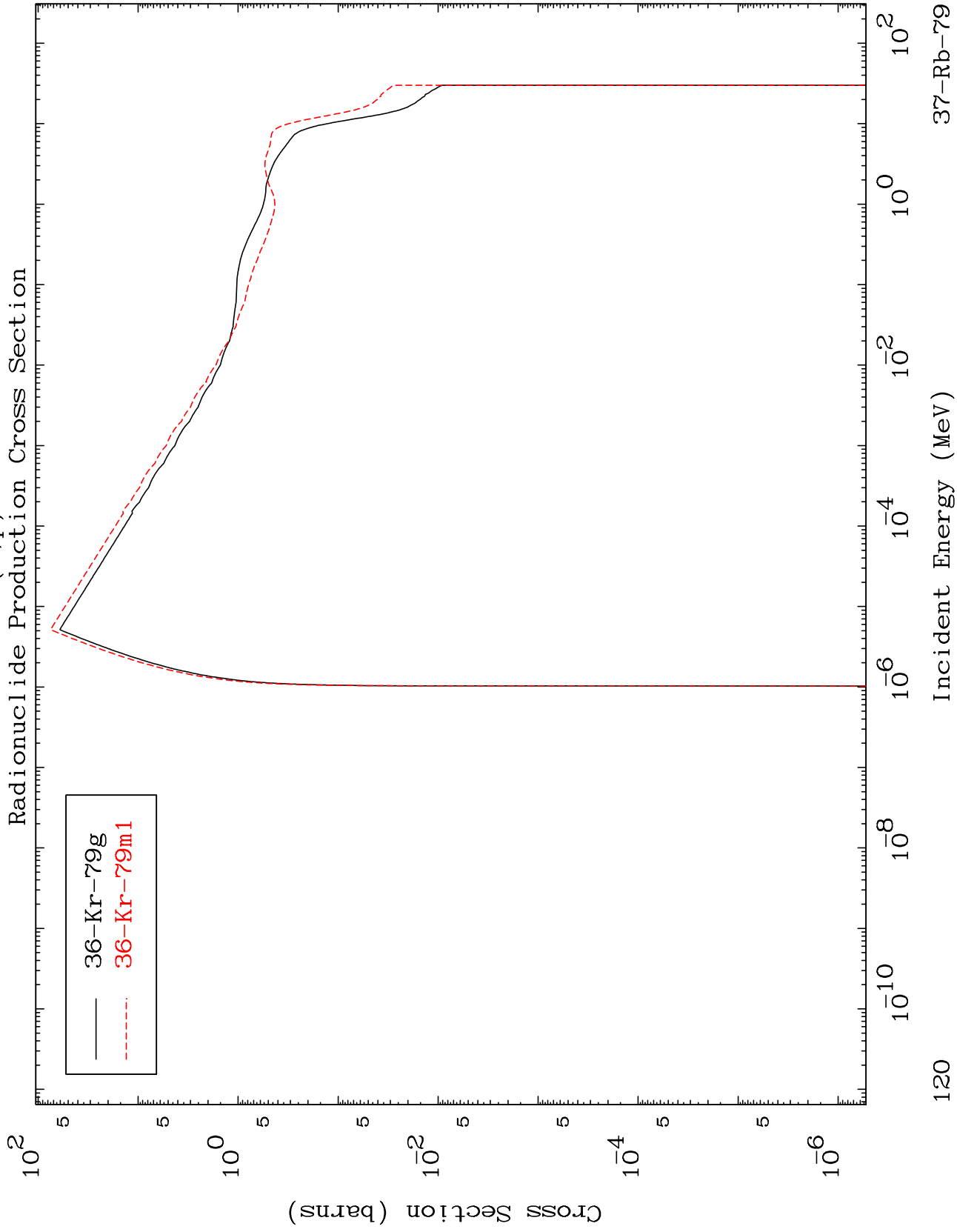
Radionuclide Production Cross Section





MAT 3707

37-Rb-79

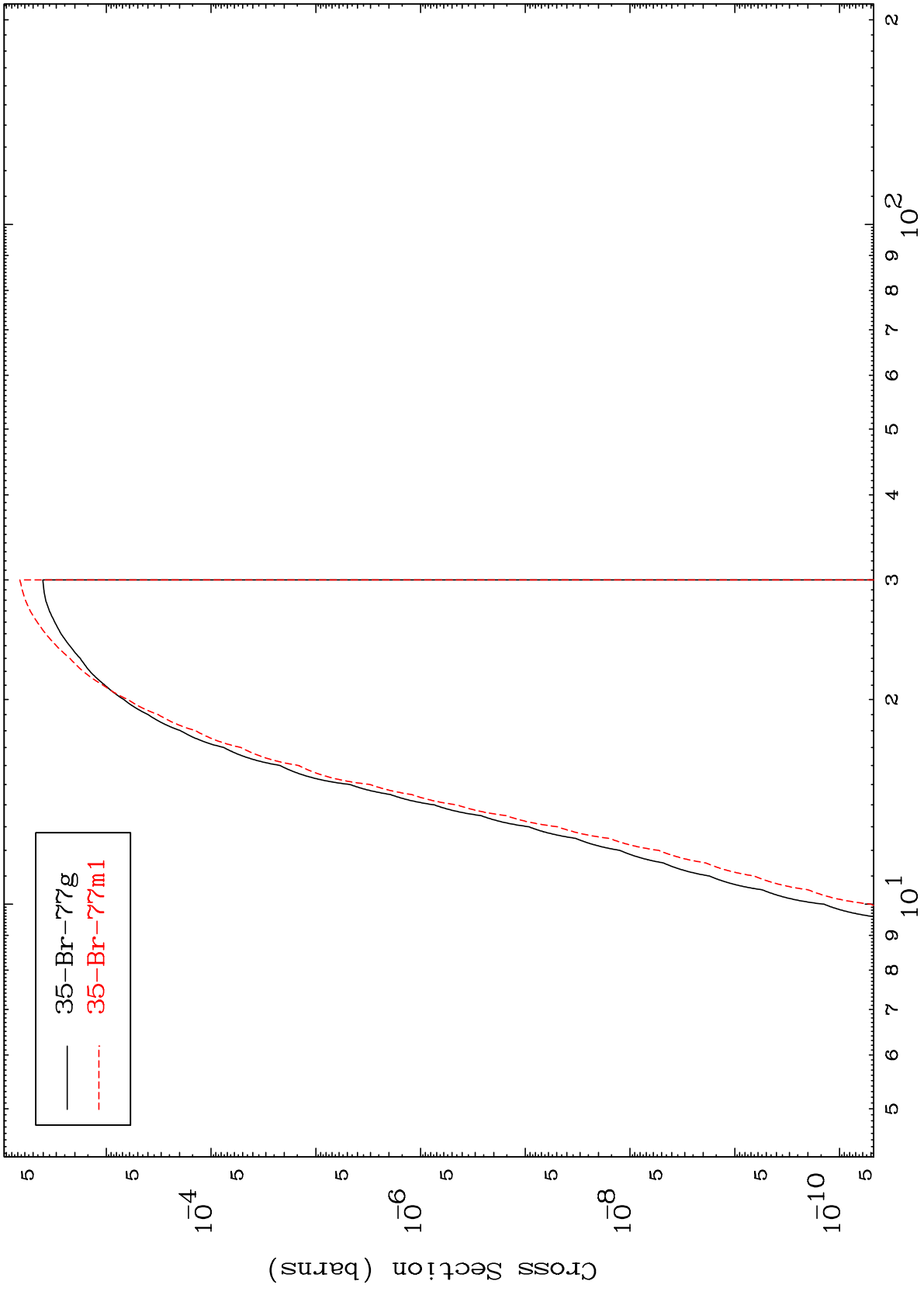


MAT 3707

(n, He-3)

37-Rb-79

Radionuclide Production Cross Section



121

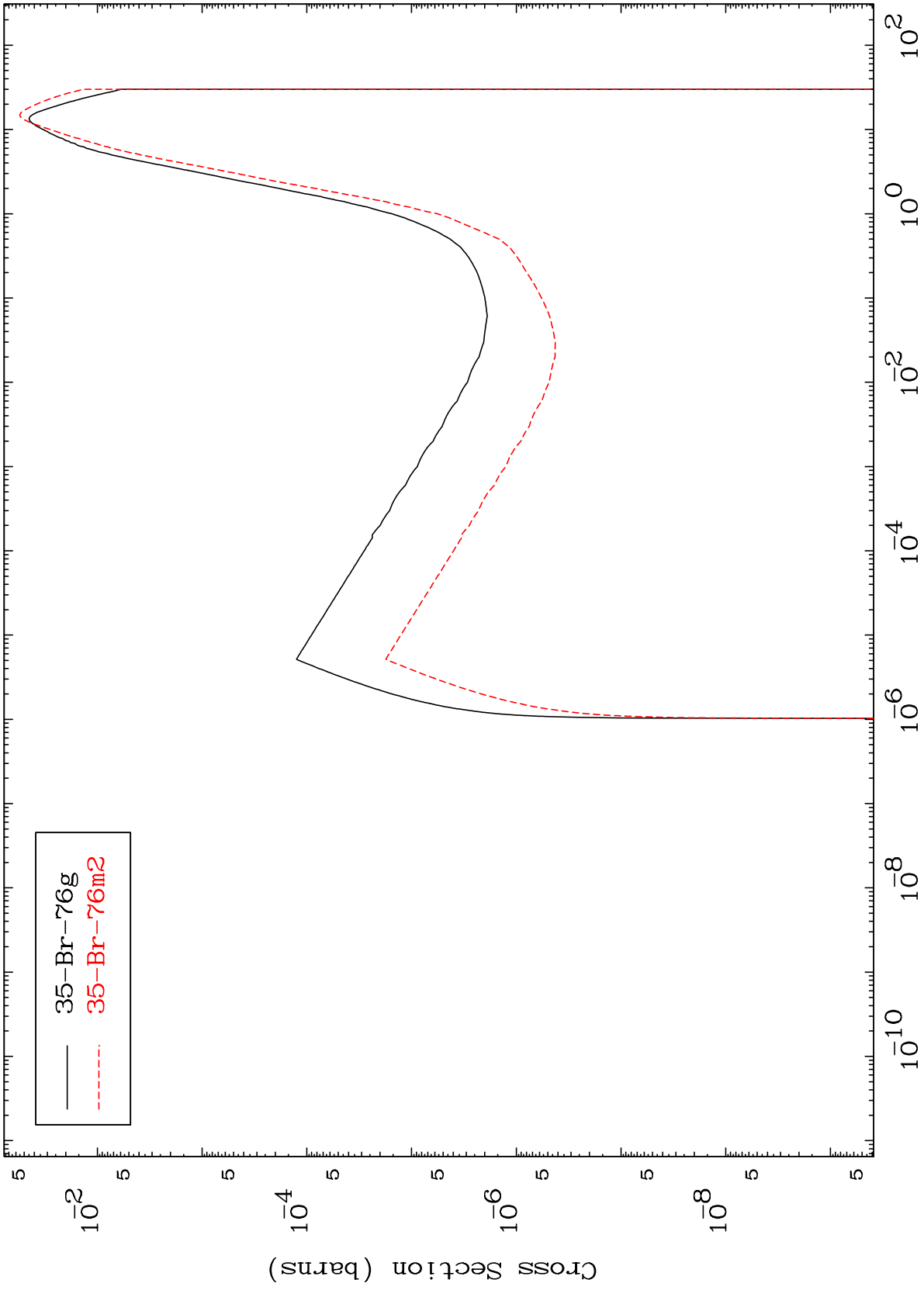
Incident Energy (MeV)

37-Rb-79

MAT 3707

$(n, \alpha)$   
Radionuclide Production Cross Section

$^{37}\text{Rb-79}$



122

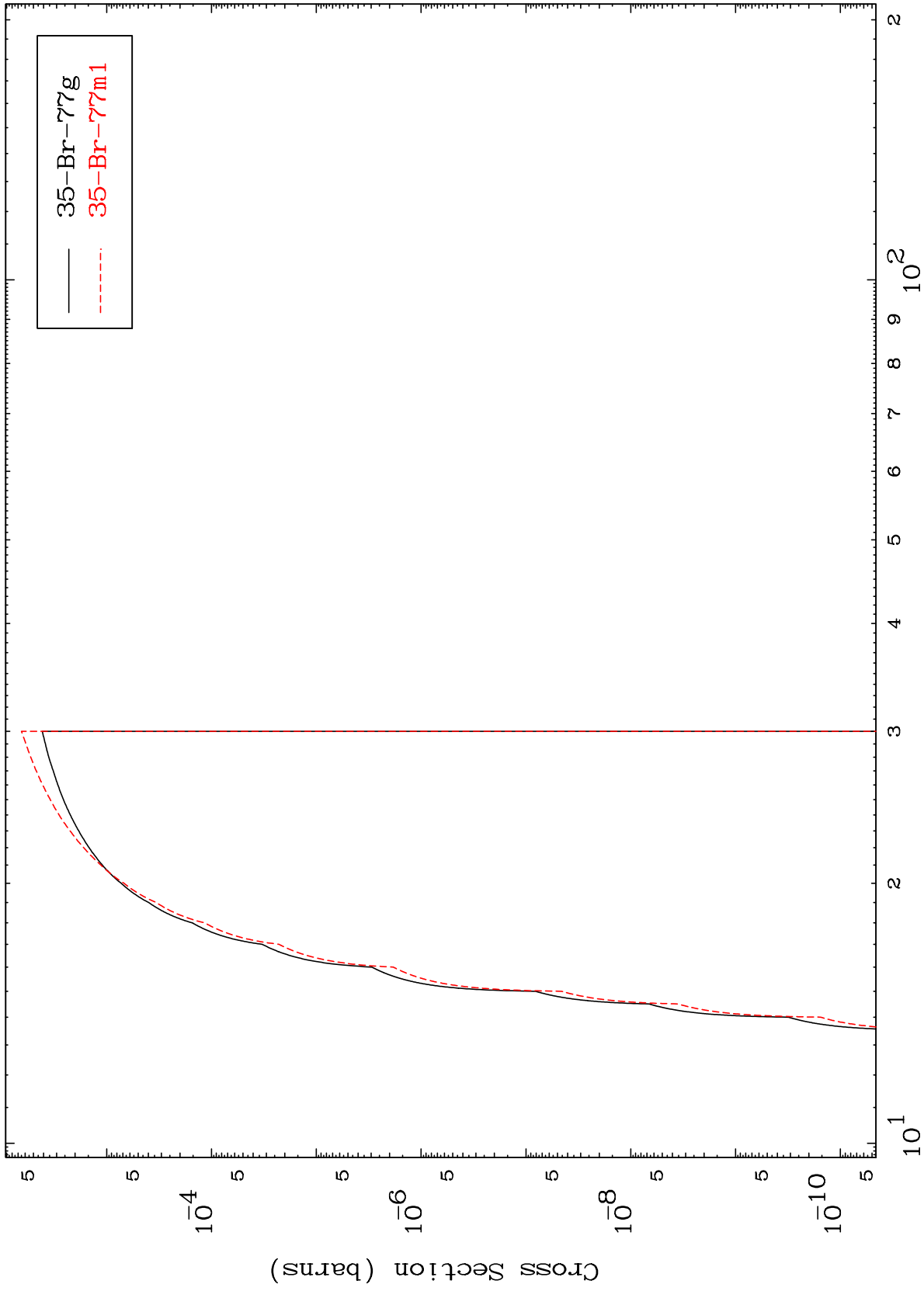
$^{37}\text{Rb-79}$

MAT 3707

(n,p) d

37-Rb-79

Radionuclide Production Cross Section



123

Incident Energy (MeV)

37-Rb-79

Radionuclide Production Cross Section

