

Program EVALPLOT
(Version 2018-1)

by

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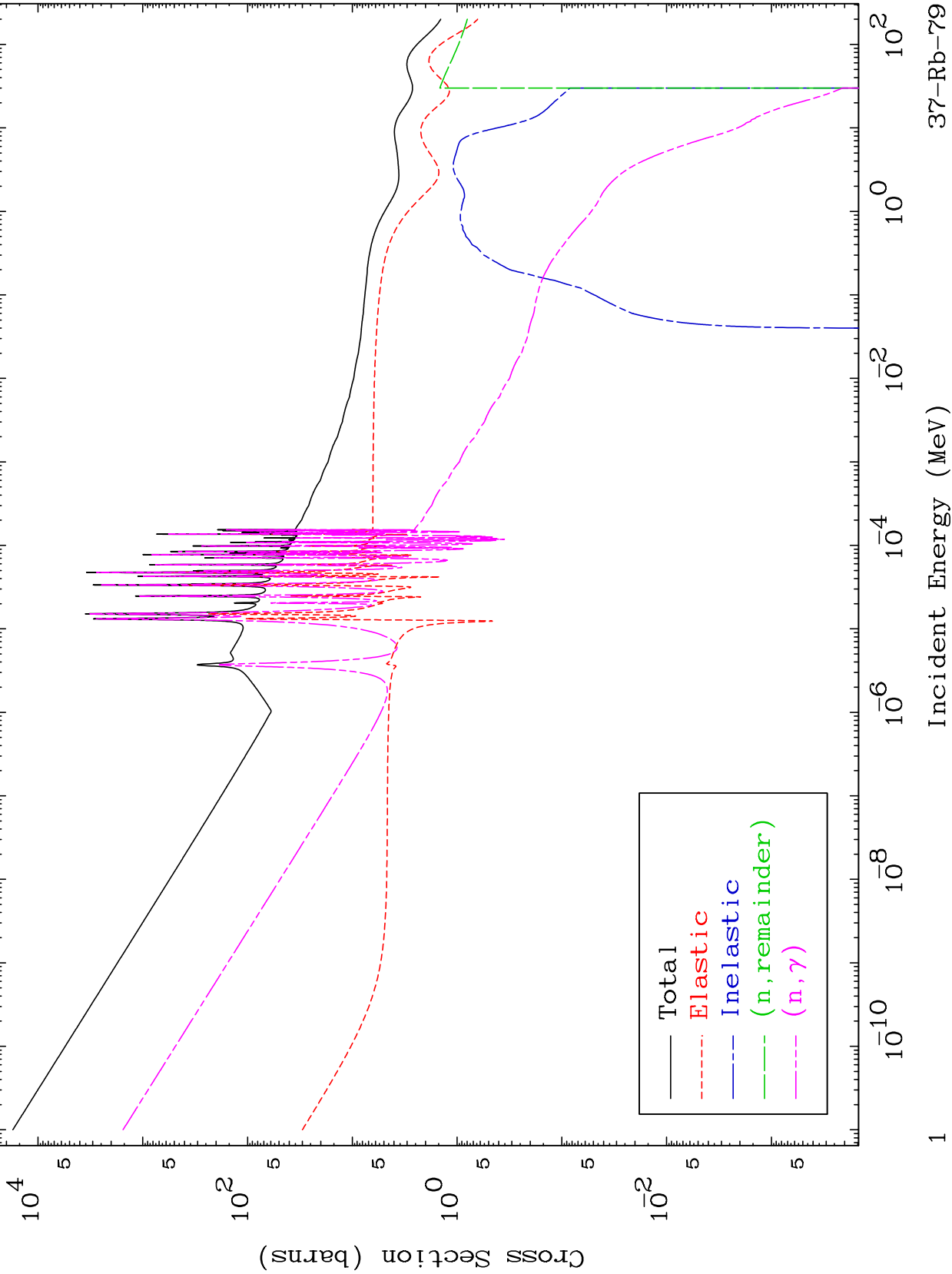
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Press Mouse Button to Start

MAT 3707

Major
293 Kelvin Cross Sections

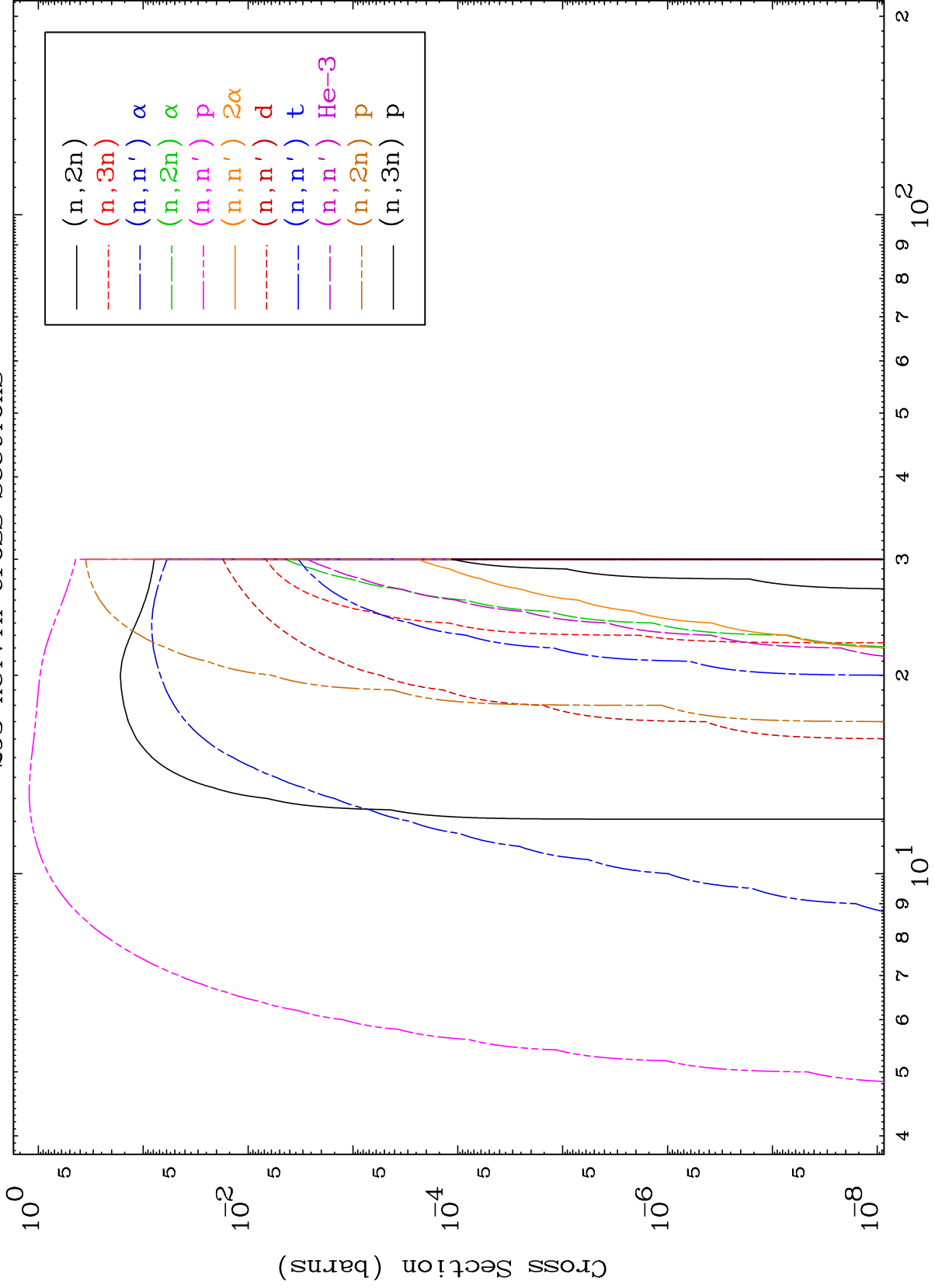
37-Rb-79



MAT 3707

Neutron Production
293 Kelvin Cross Sections

37-Rb-79



2

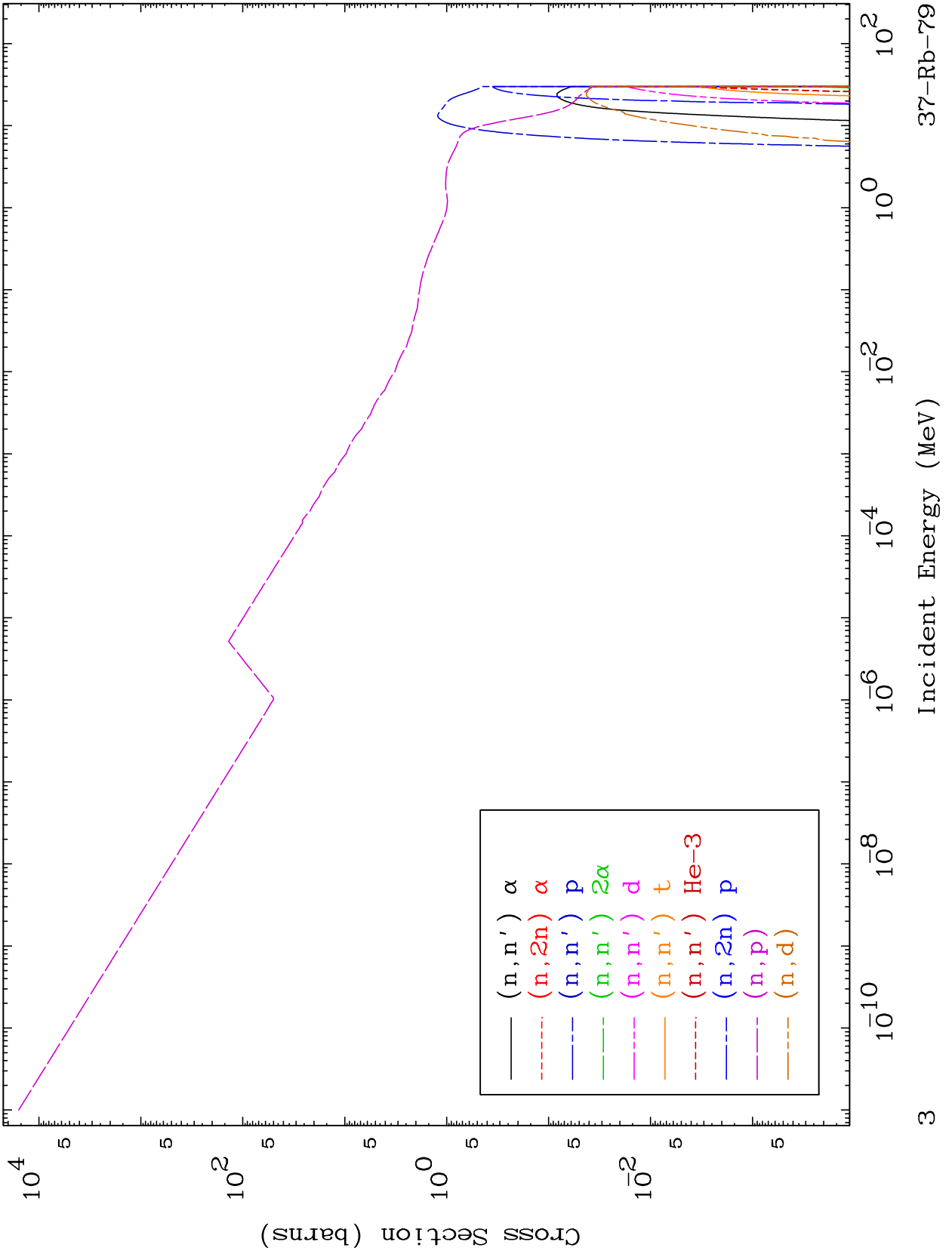
Incident Energy (MeV)

37-Rb-79

MAT 3707

Charged Particle
293 Kelvin Cross Sections

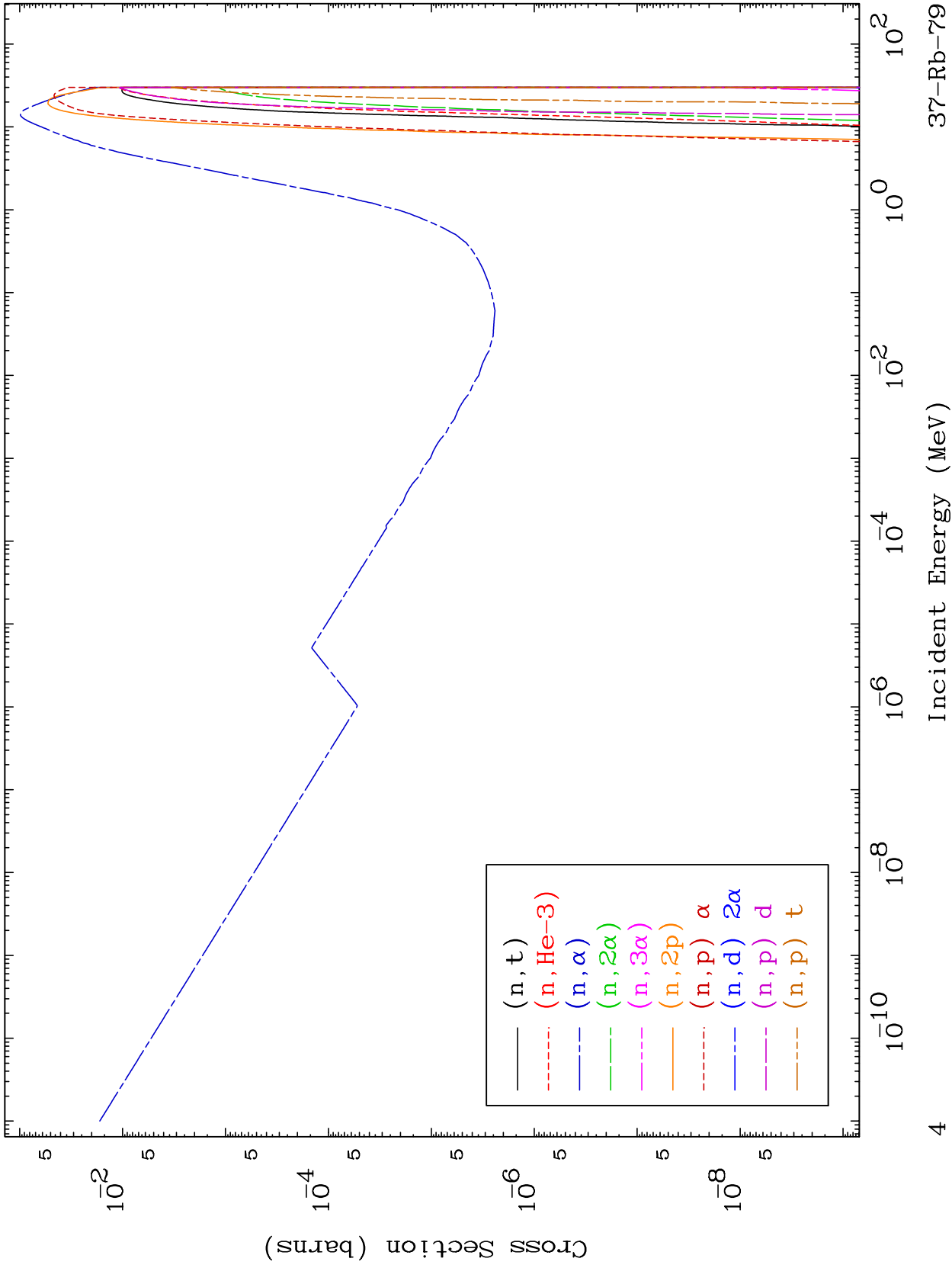
37-Rb-79



MAT 3707

Charged Particle
293 Kelvin Cross Sections

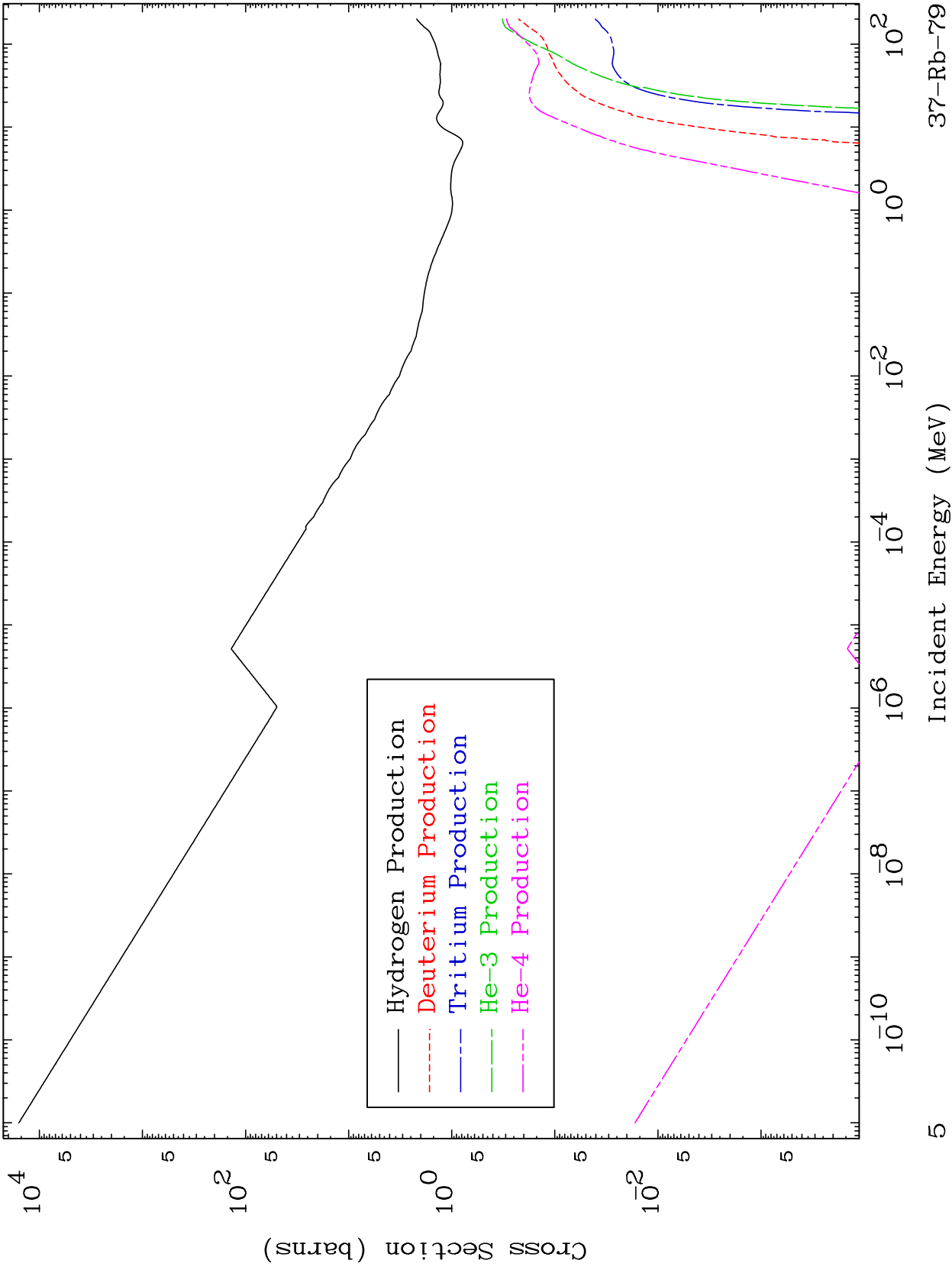
37-Rb-79



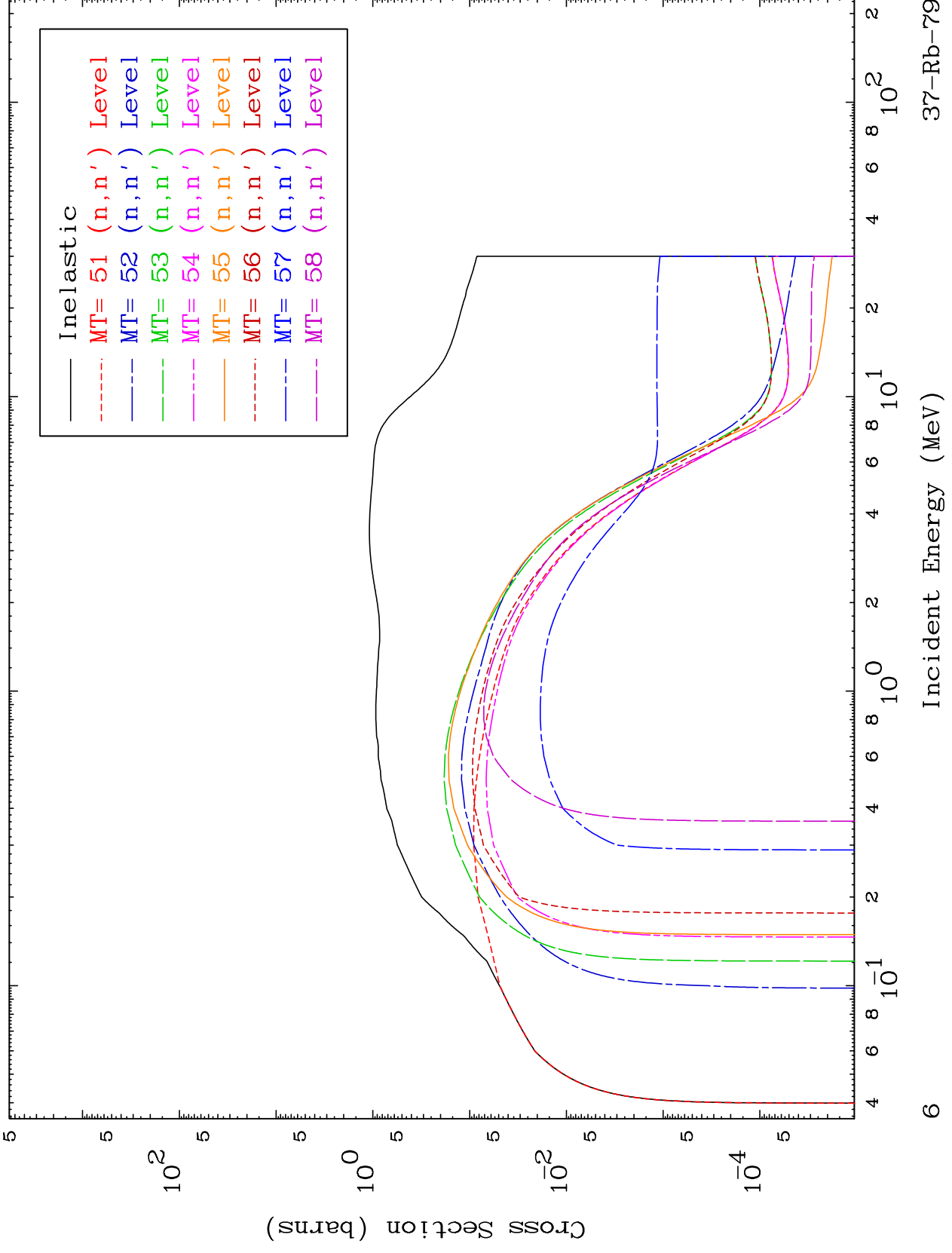
MAT 3707

Particle Production
293 Kelvin Cross Sections

37-Rb-79



293 Kelvin Cross Sections

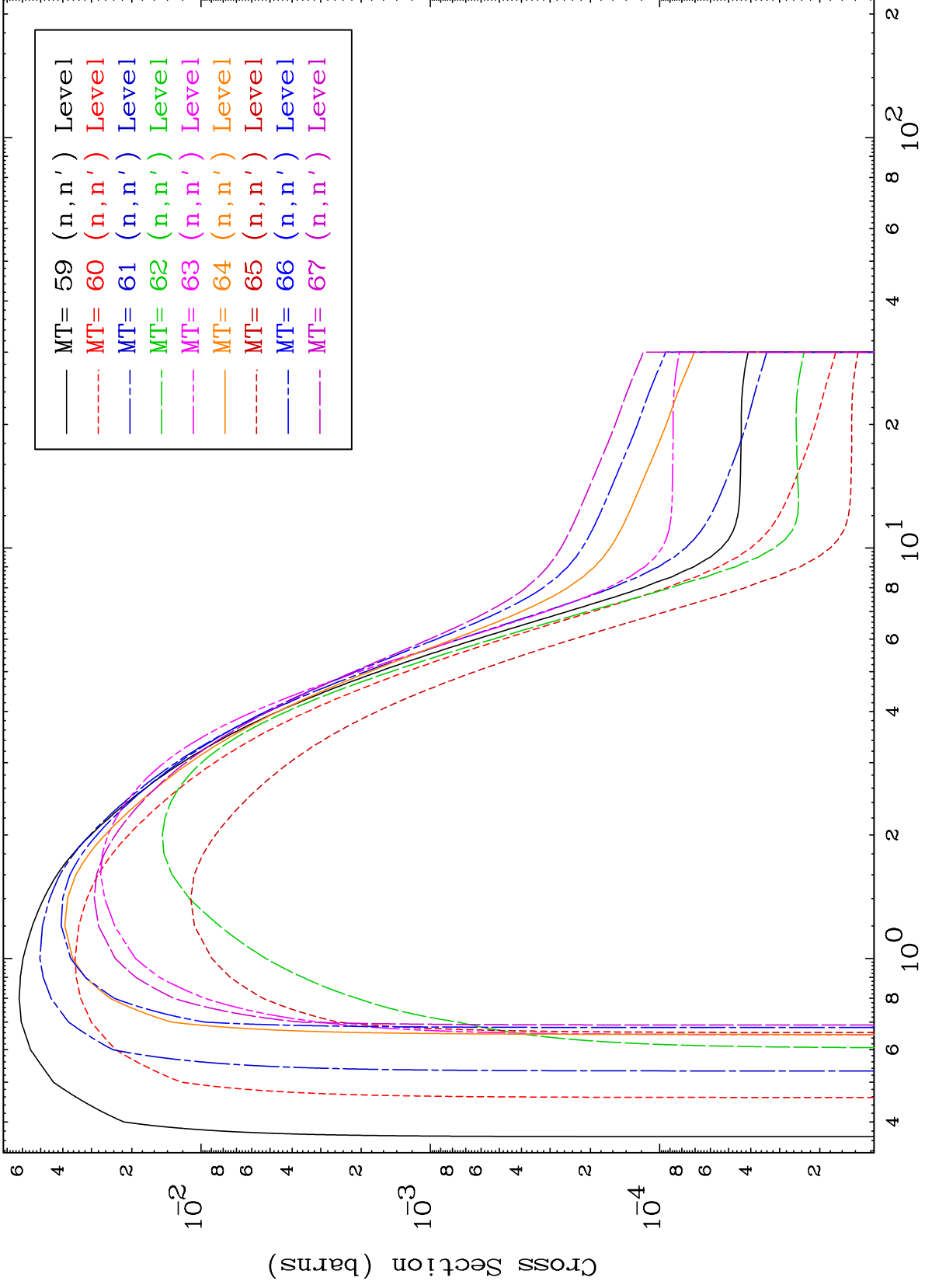


MAT 3707

(n,n') Level

37-Rb-79

293 Kelvin Cross Sections



7

Incident Energy (MeV)

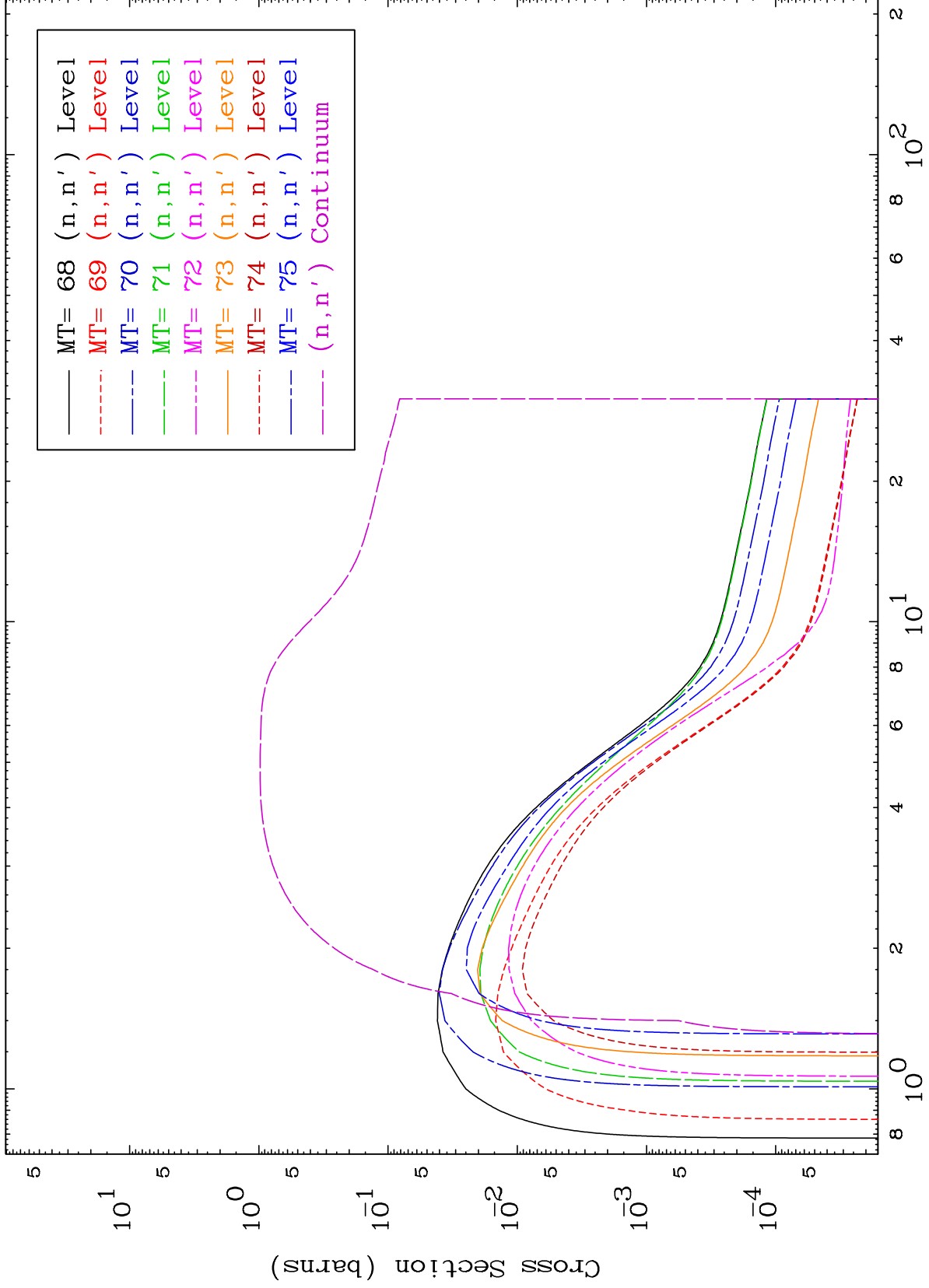
37-Rb-79

MAT 3707

(n,n') Level

37-Rb-79

293 Kelvin Cross Sections



8

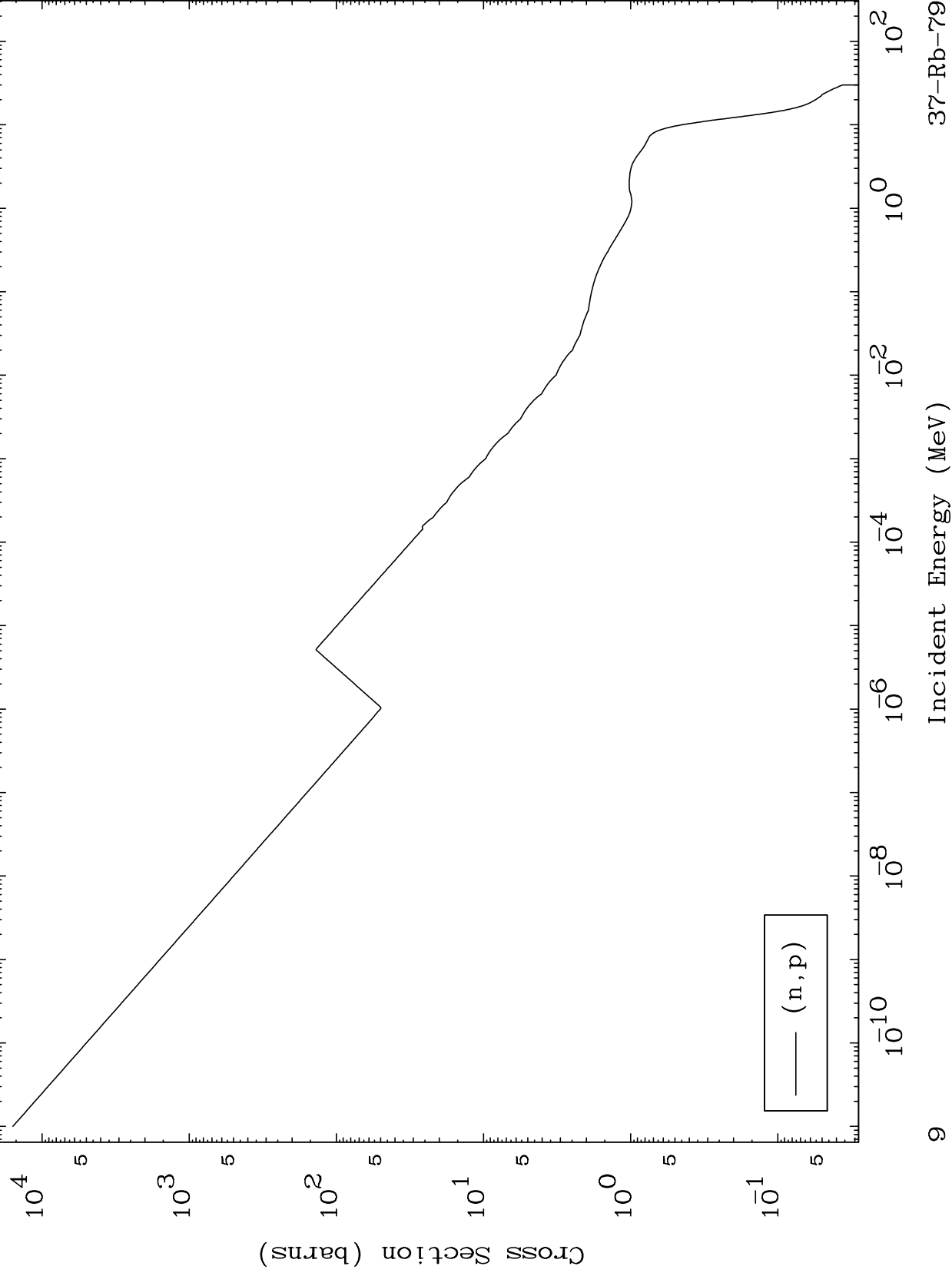
Incident Energy (MeV)

37-Rb-79

MAT 3707

(n,p) Levels
293 Kelvin Cross Sections

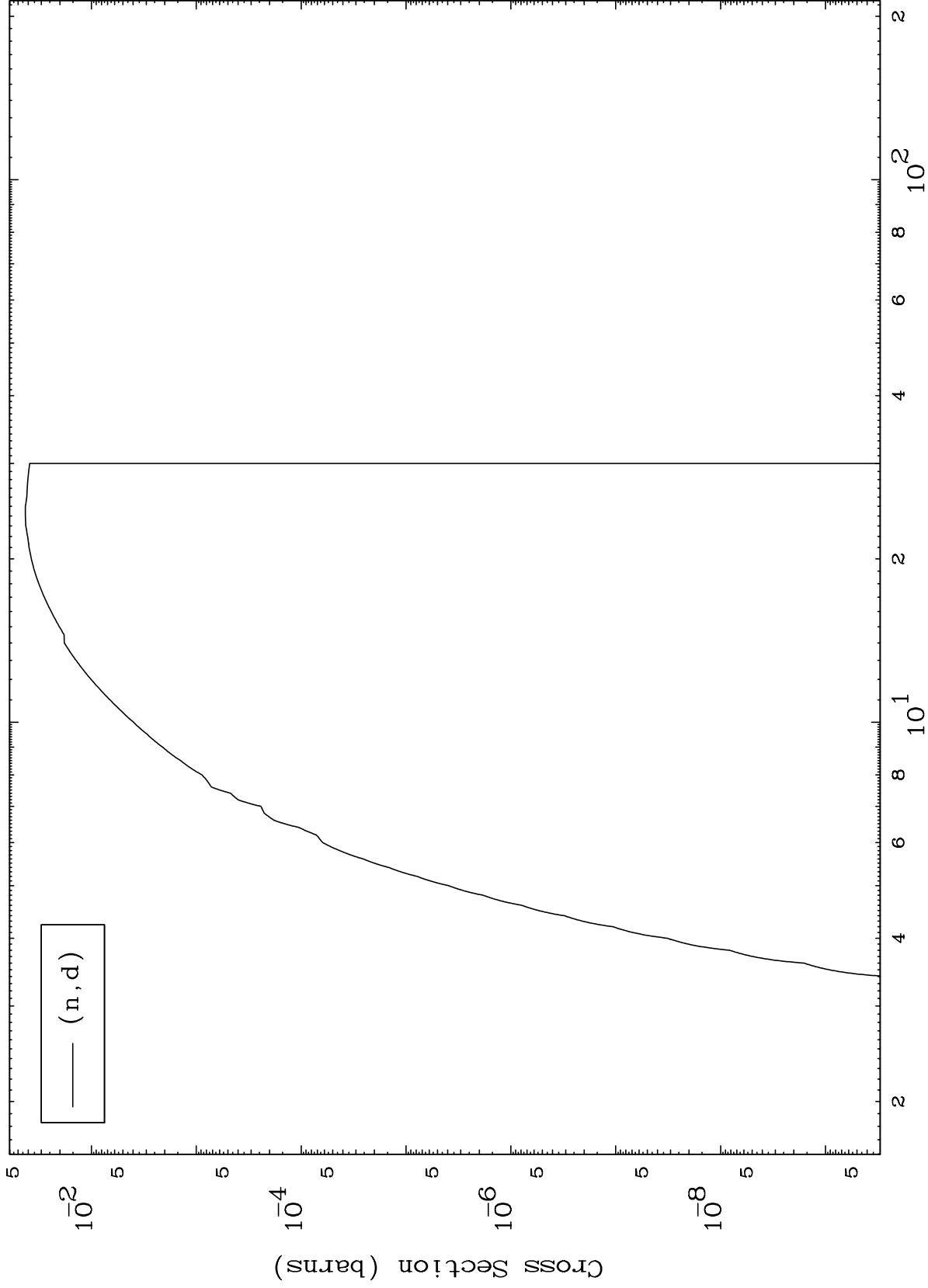
37-Rb-79



MAT 3707

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-79



10

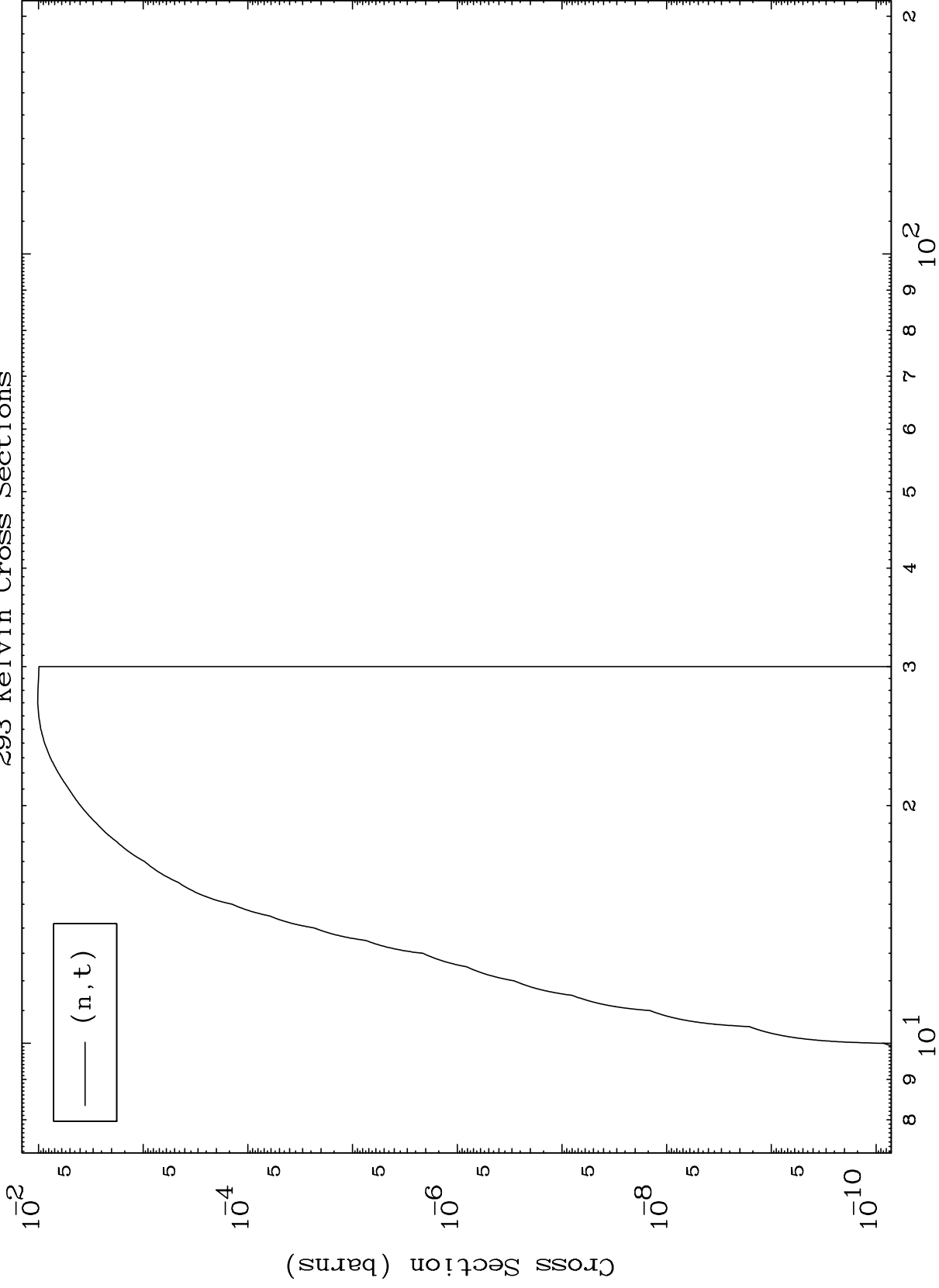
Incident Energy (MeV)

37-Rb-79

MAT 3707

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-79



11

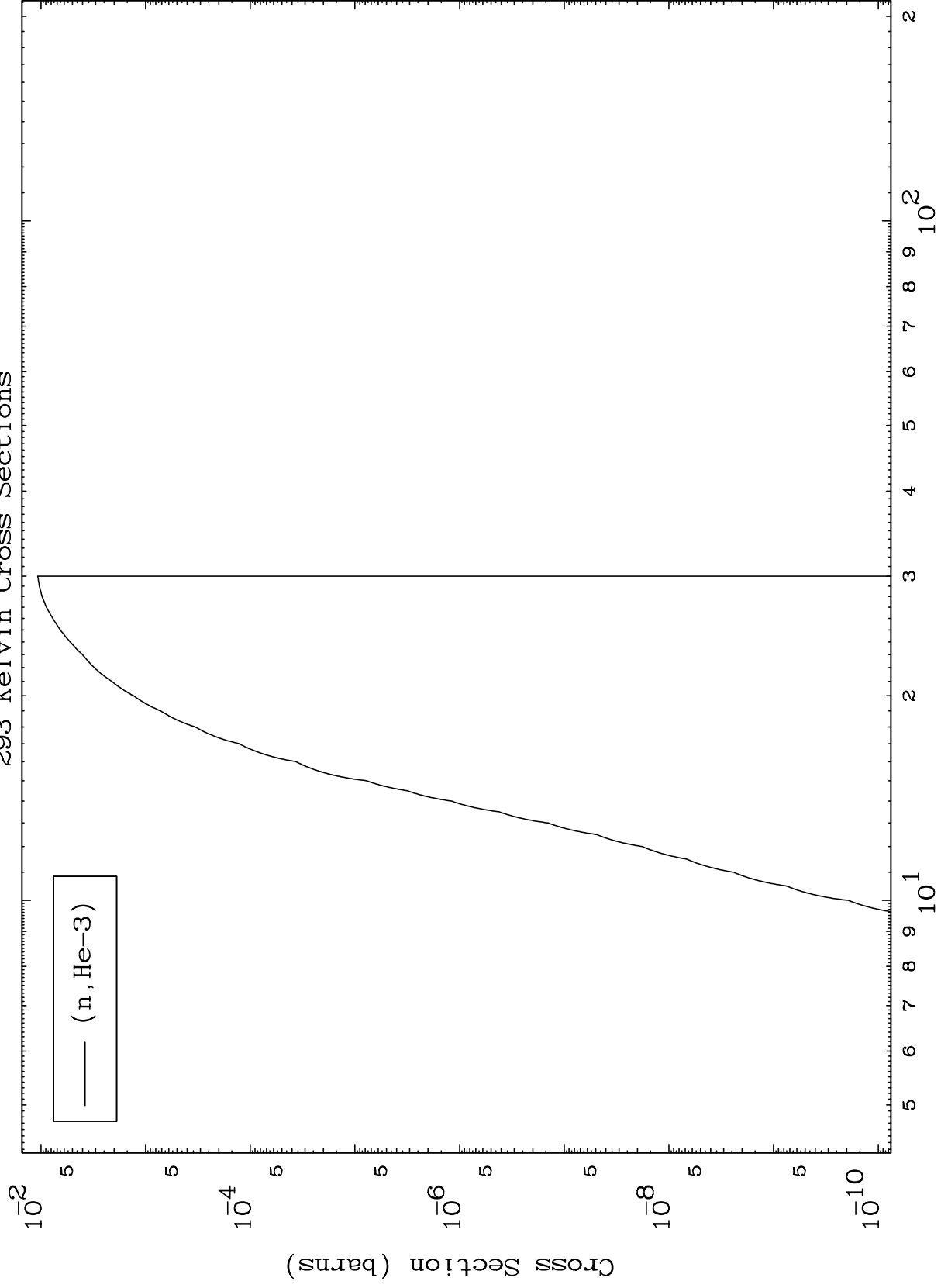
Incident Energy (MeV)

37-Rb-79

MAT 3707

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-79



12

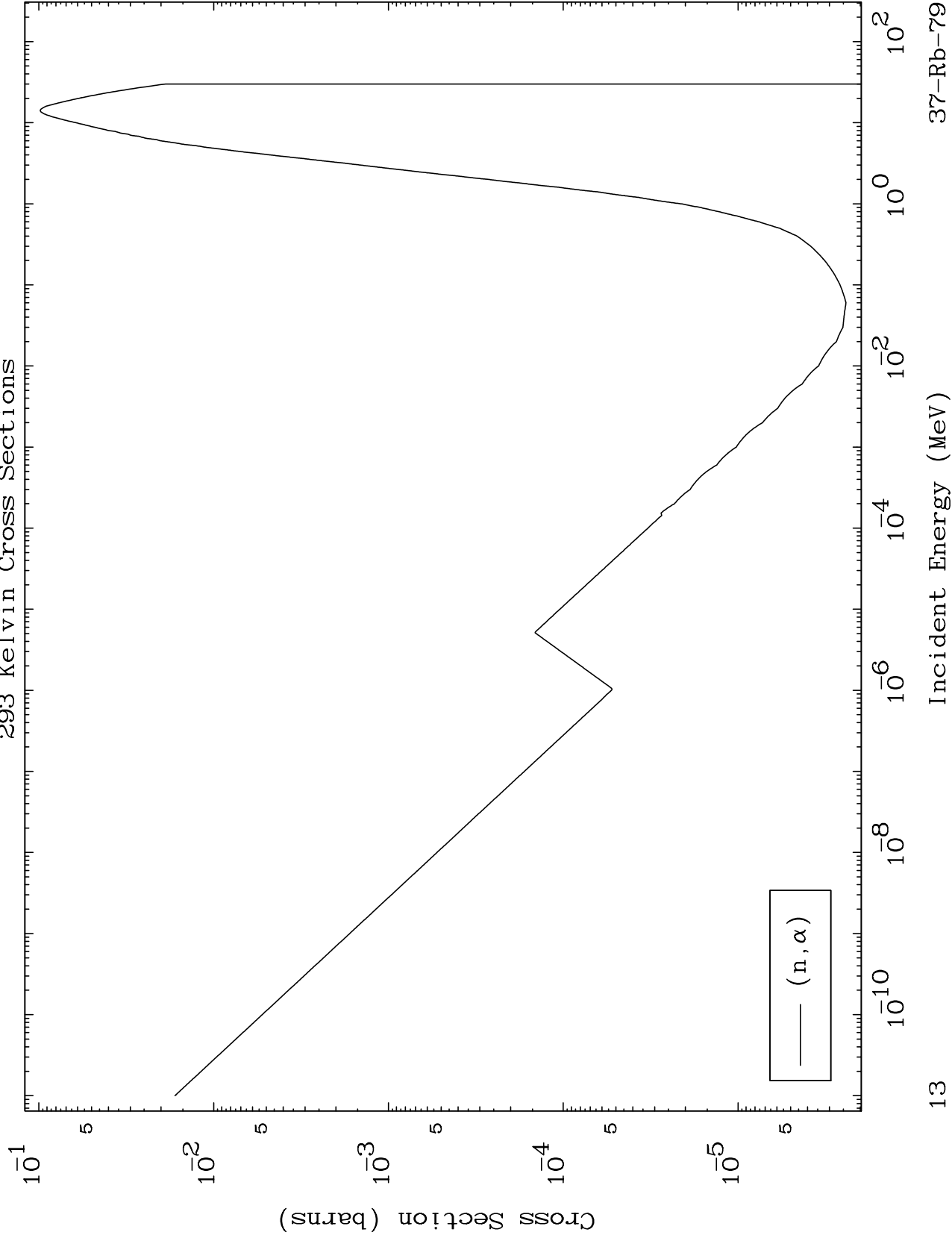
Incident Energy (MeV)

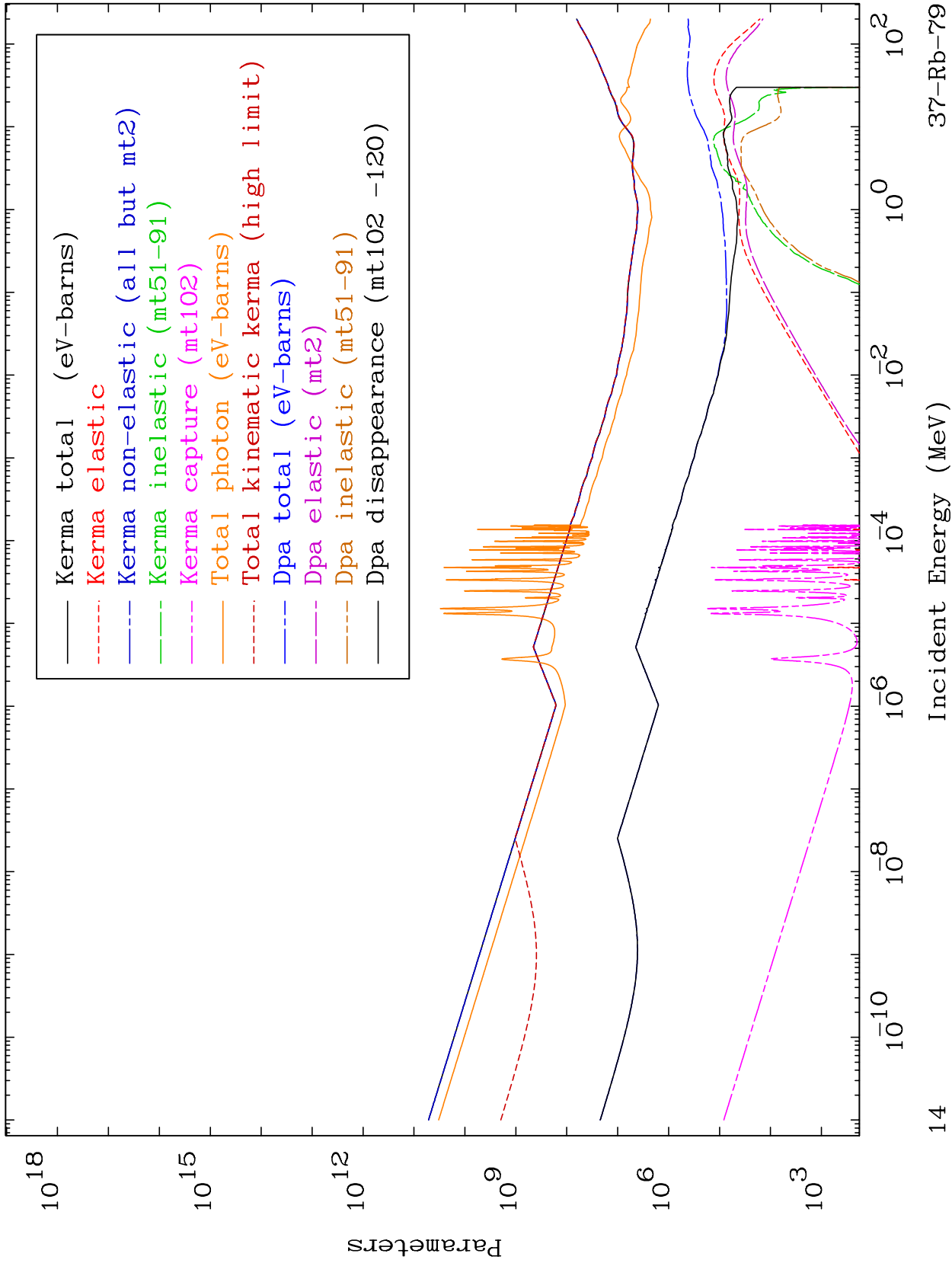
37-Rb-79

MAT 3707

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-79

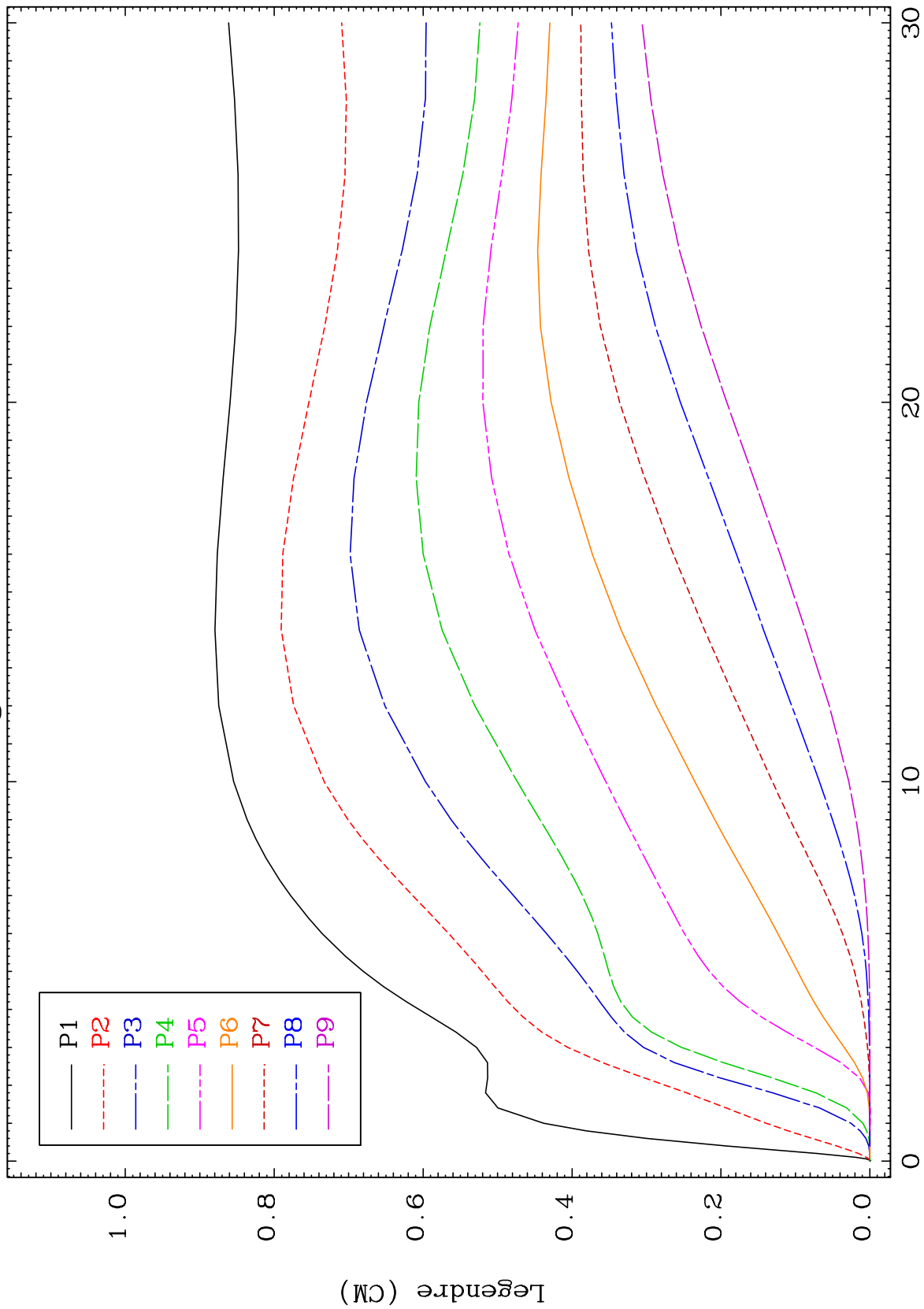




MAT 3707

Elastic Legendre Coefficients

37-Rb-79



15

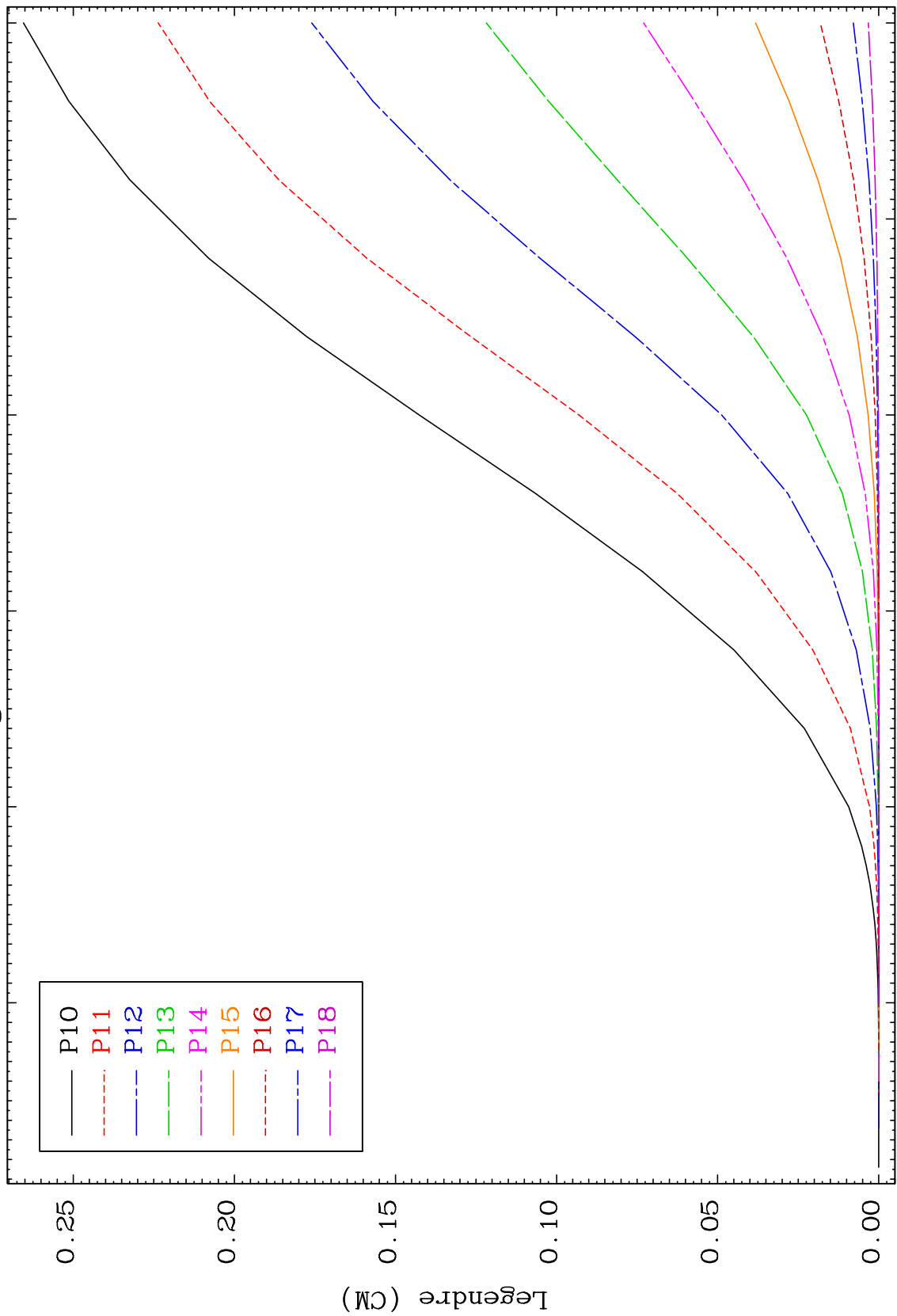
Incident Energy (MeV)

37-Rb-79

MAT 3707

Elastic Legendre Coefficients

³⁷Rb-79



16

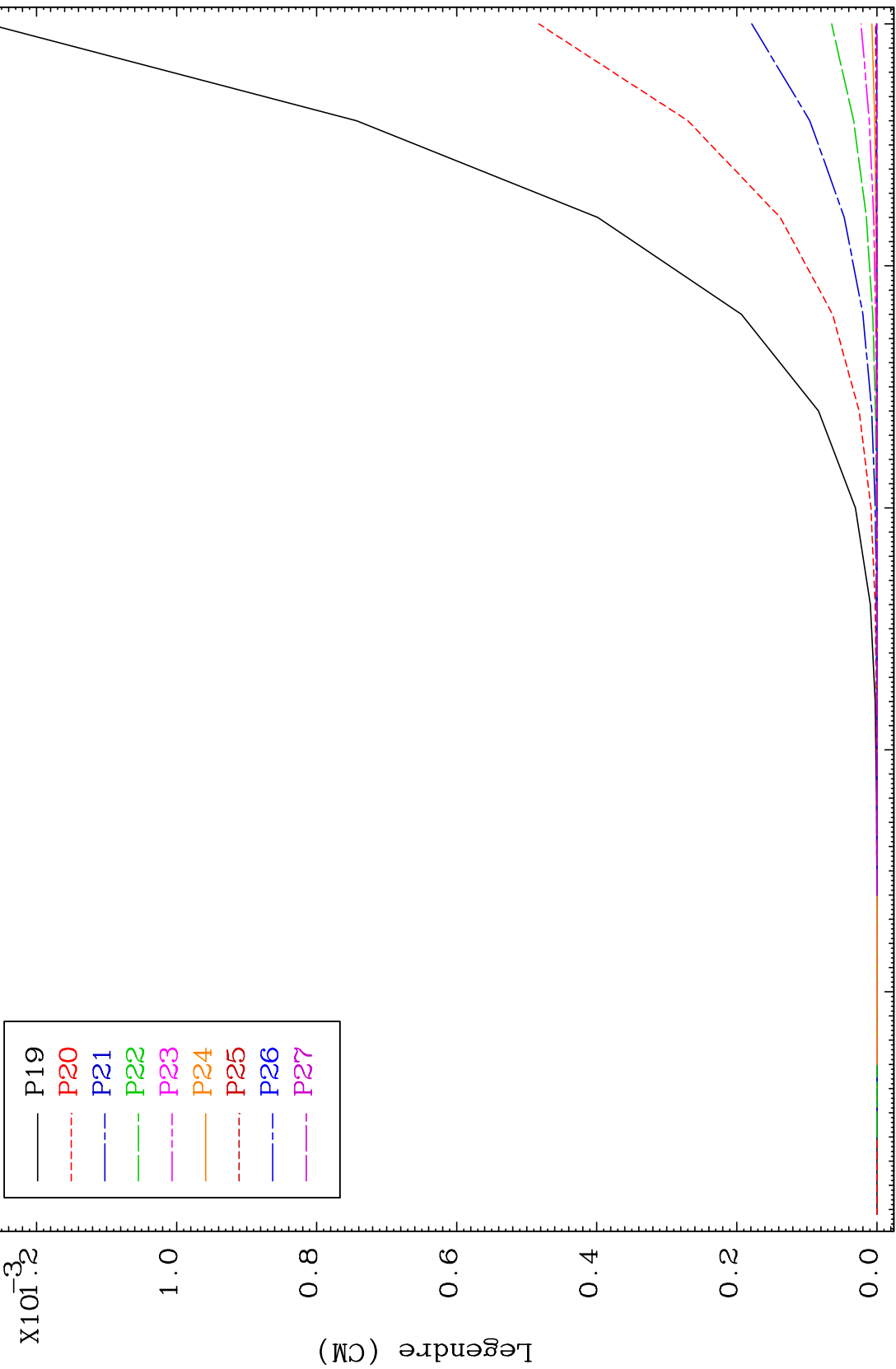
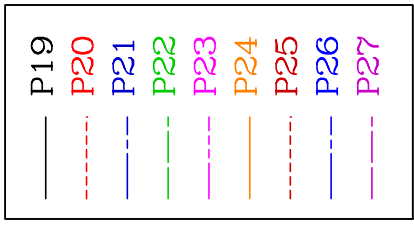
Incident Energy (MeV)

³⁷Rb-79

MAT 3707

Elastic Legendre Coefficients

37-Rb-79



17

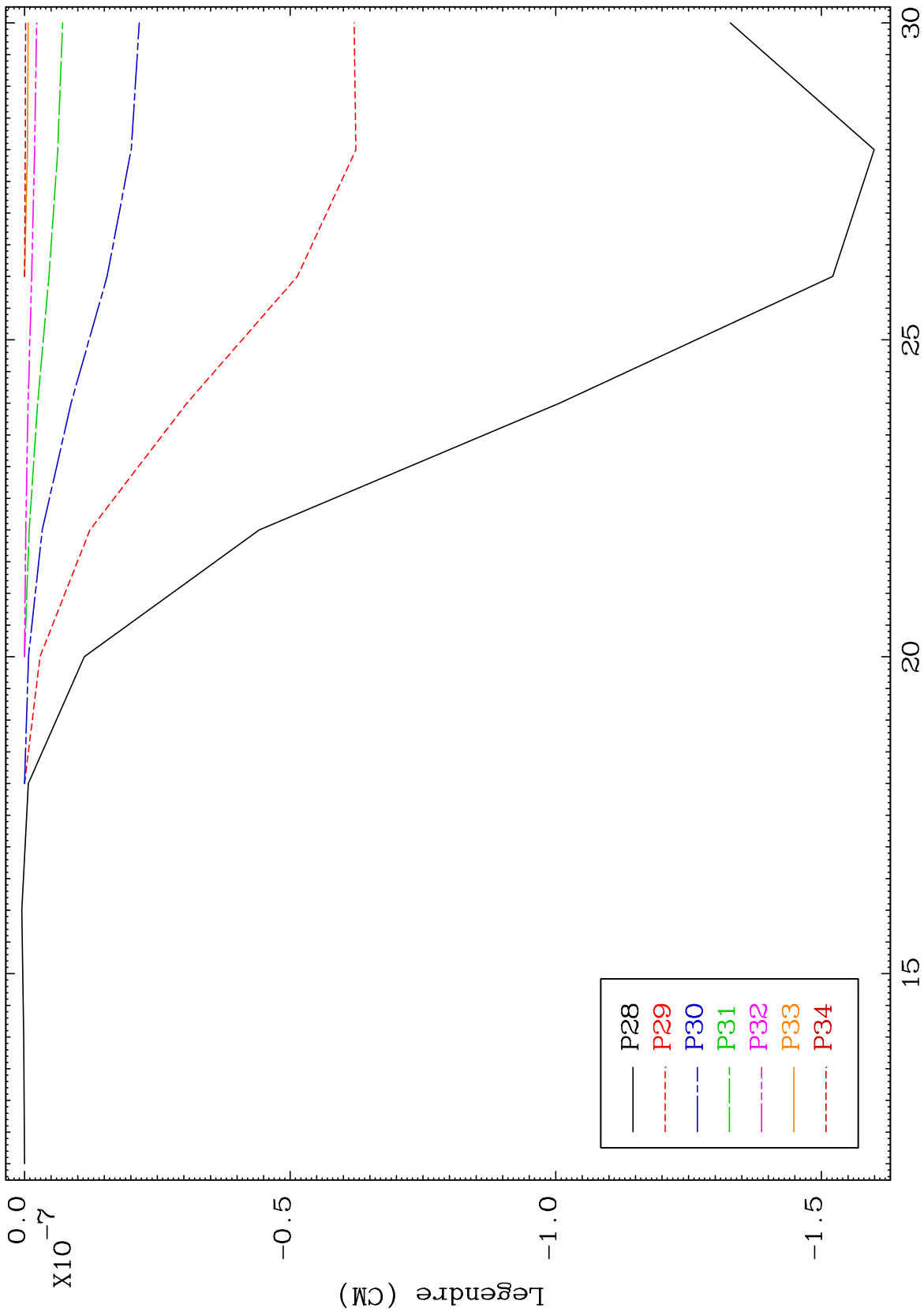
Incident Energy (MeV)

37-Rb-79

MAT 3707

37-Rb-79

Elastic Legendre Coefficients



18

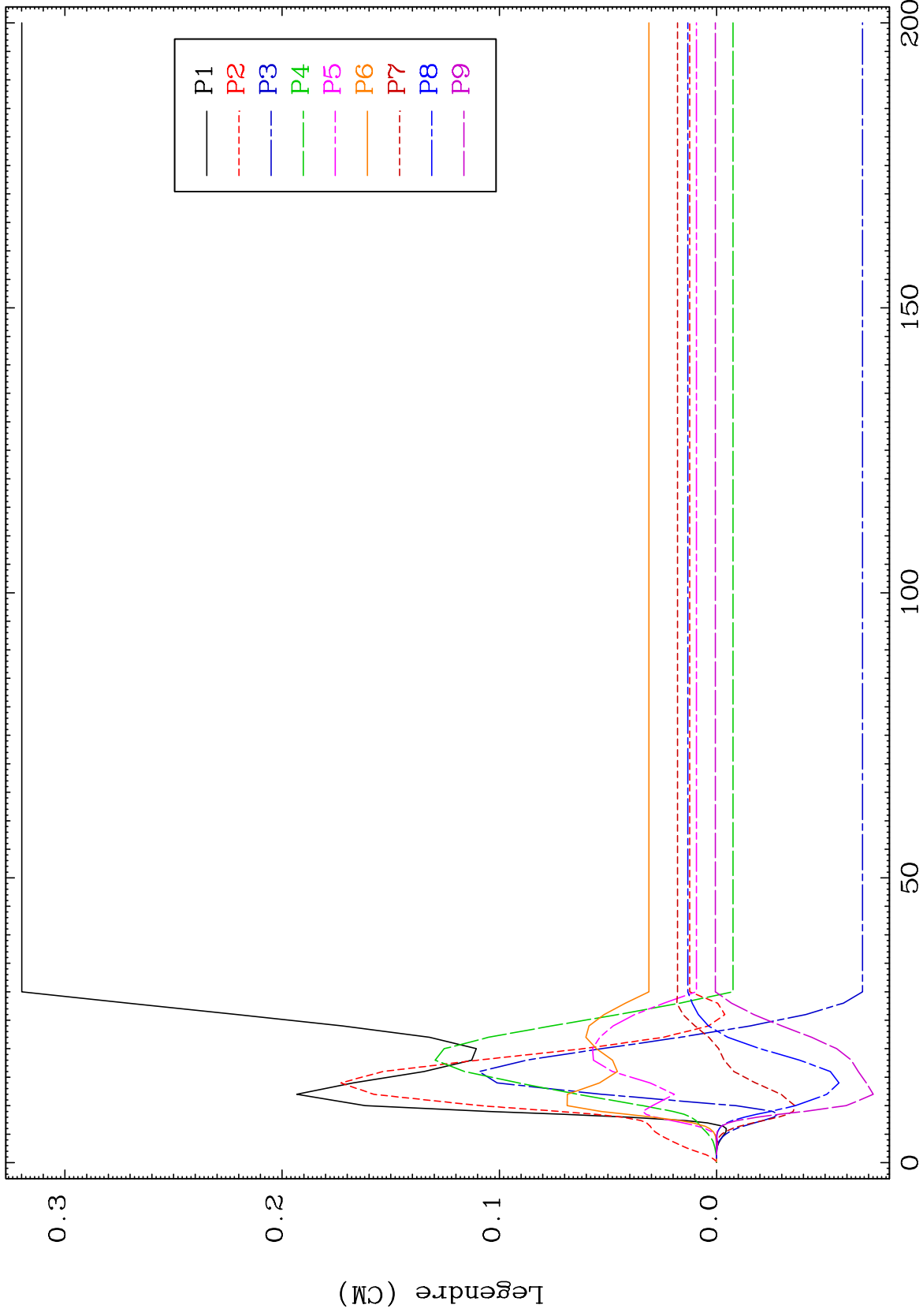
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



19

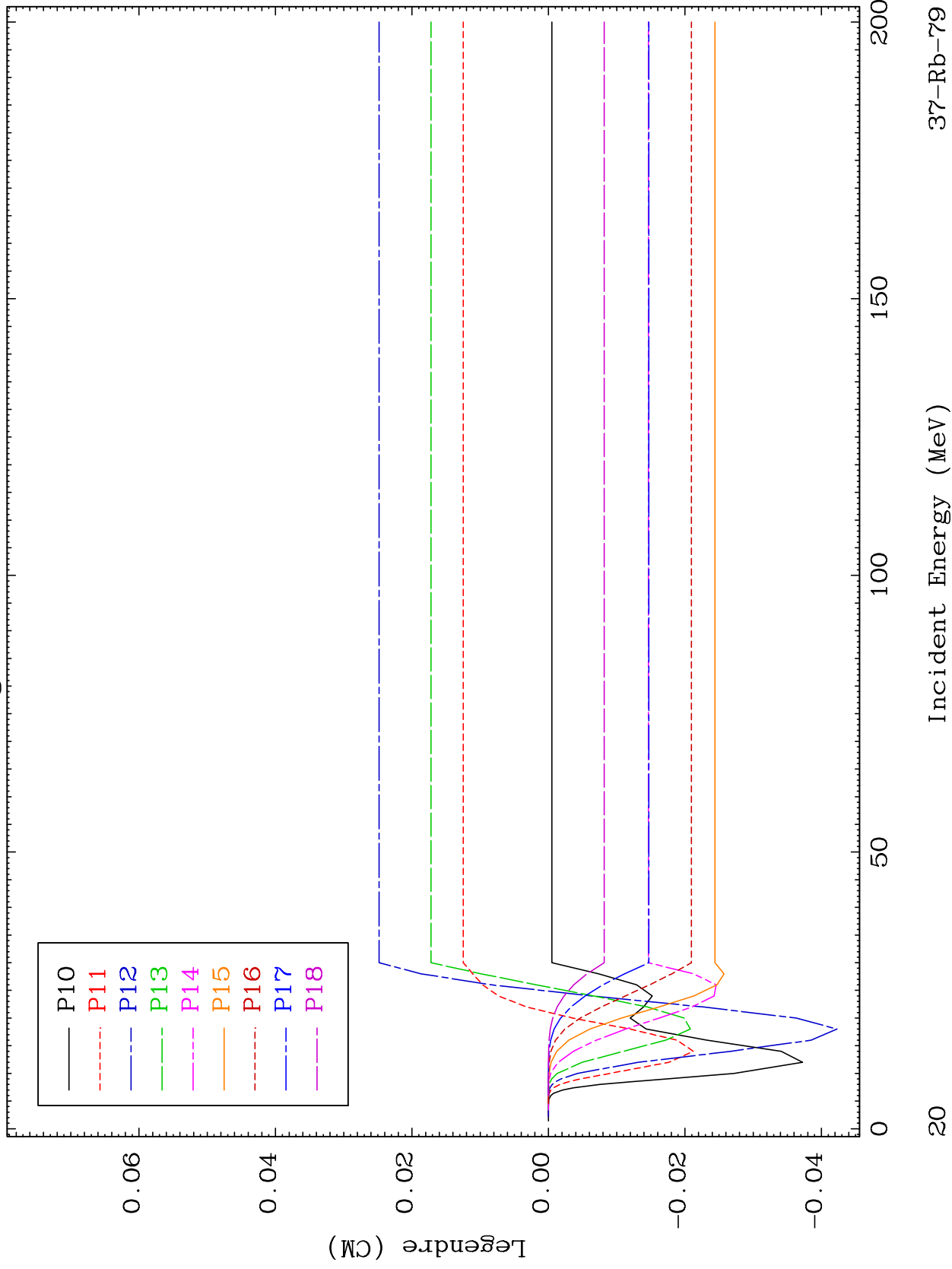
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79

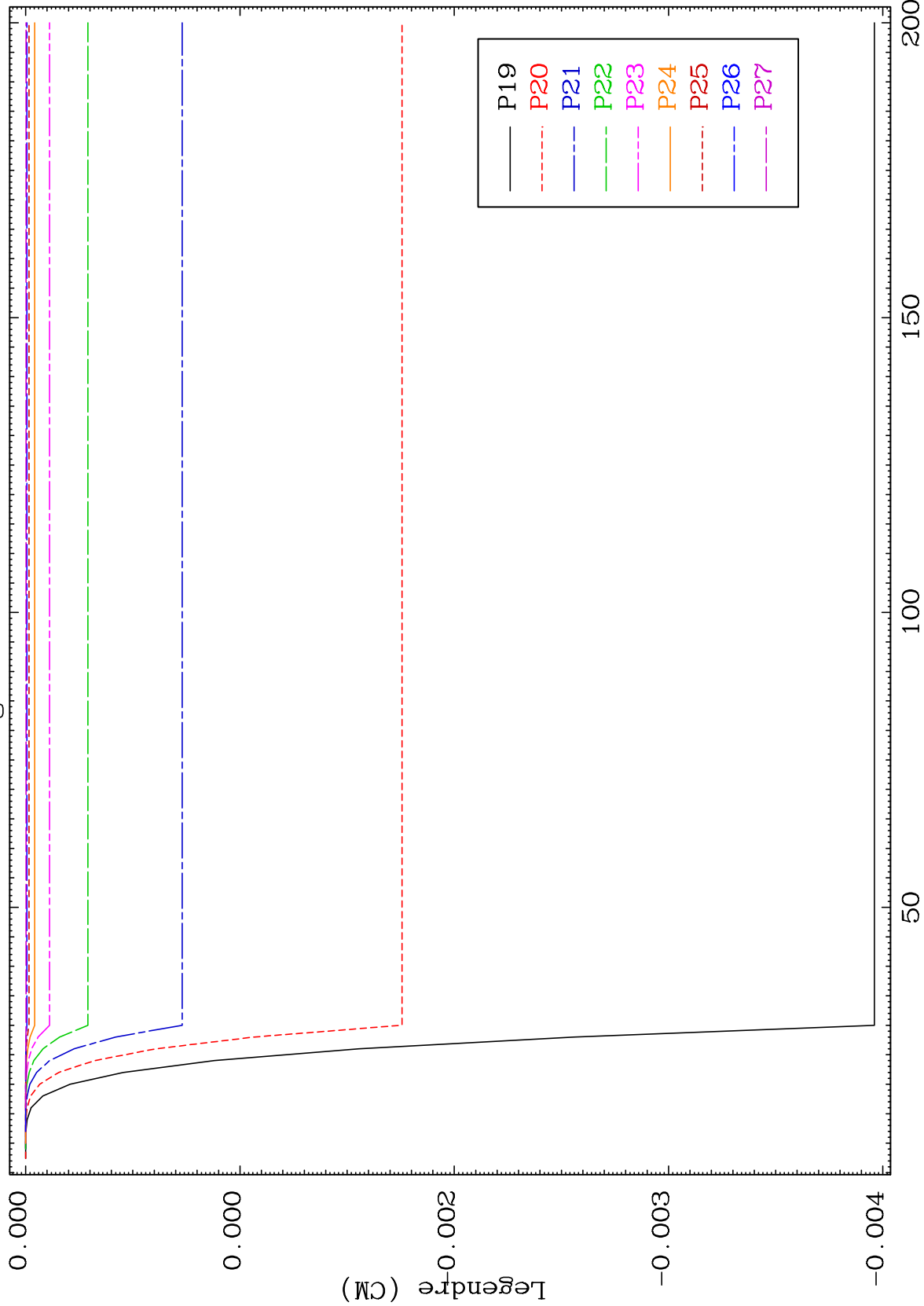


37-Rb-79

MAT 3707

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

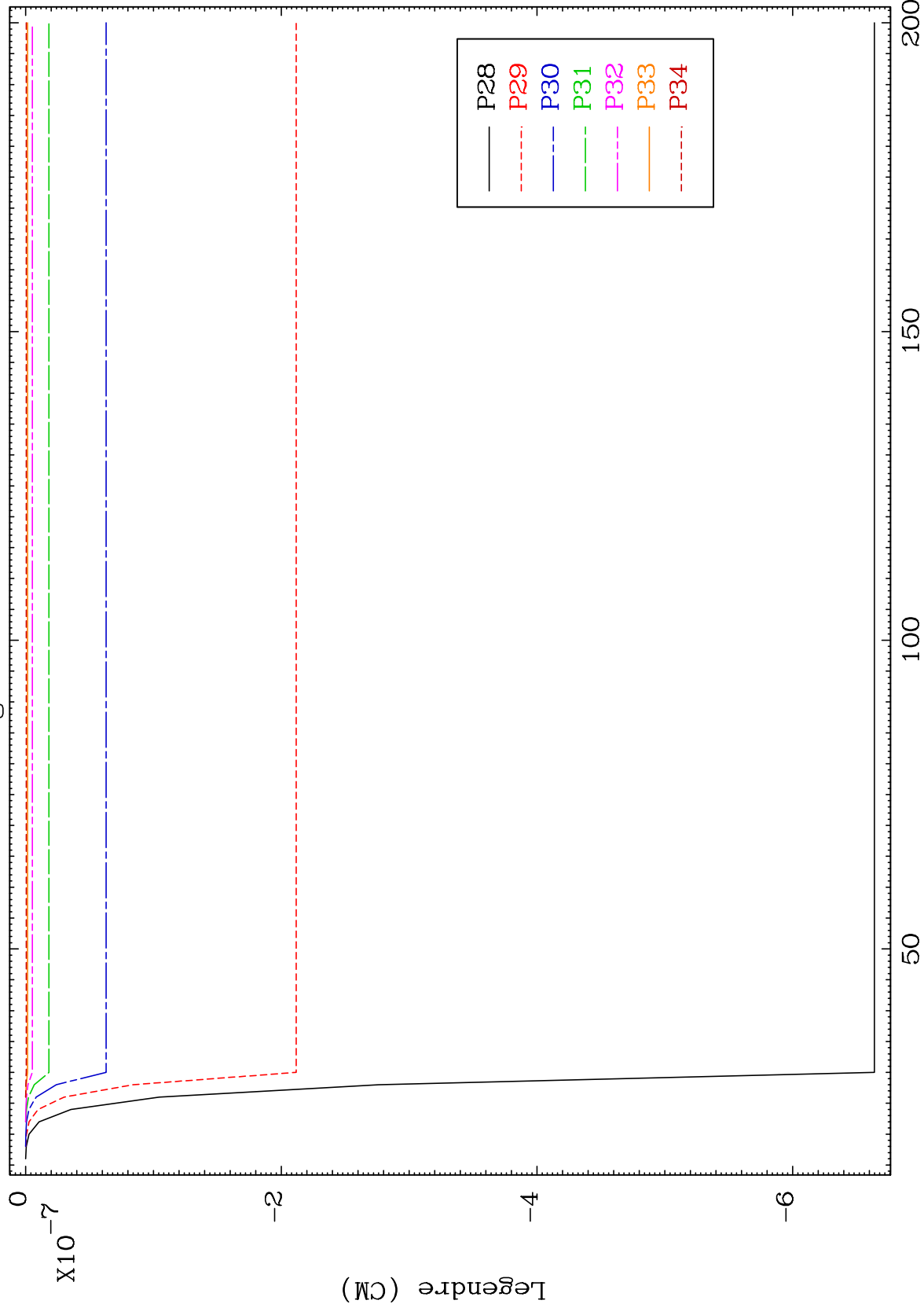
37-Rb-79



MAT 3707

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

37-Rb-79



22

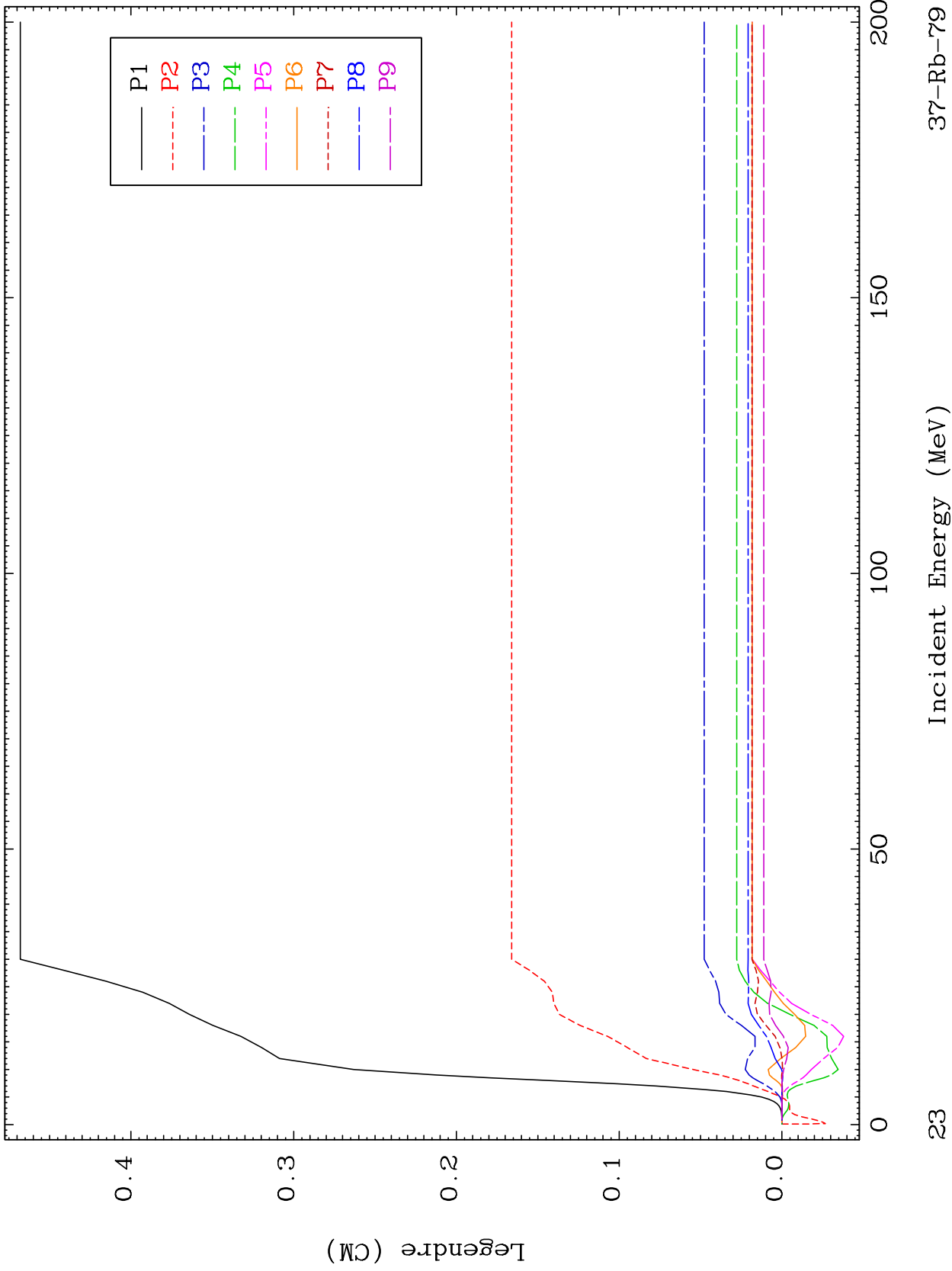
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



37-Rb-79

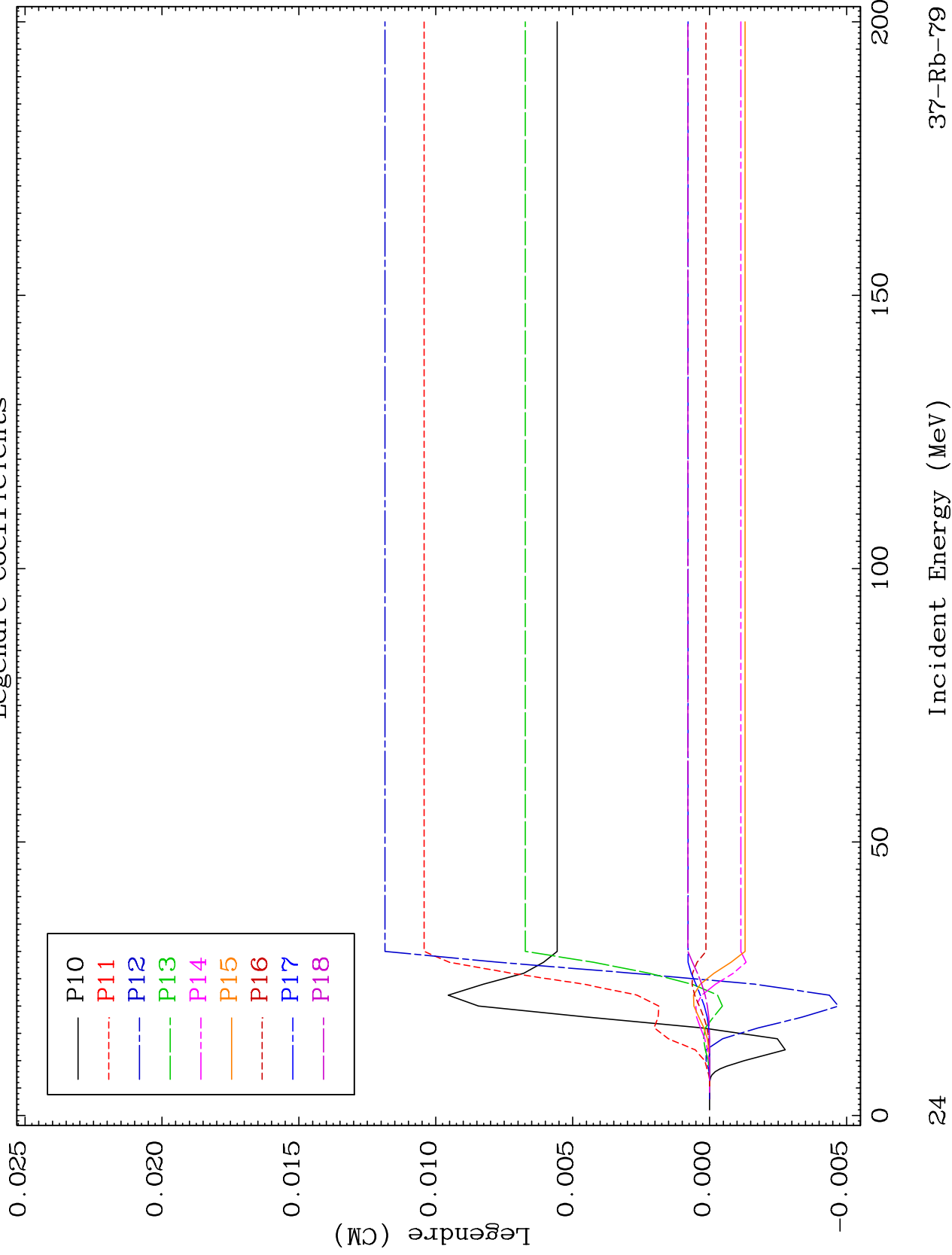
Incident Energy (MeV)

23

MAT 3707

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

37-Rb-79



24

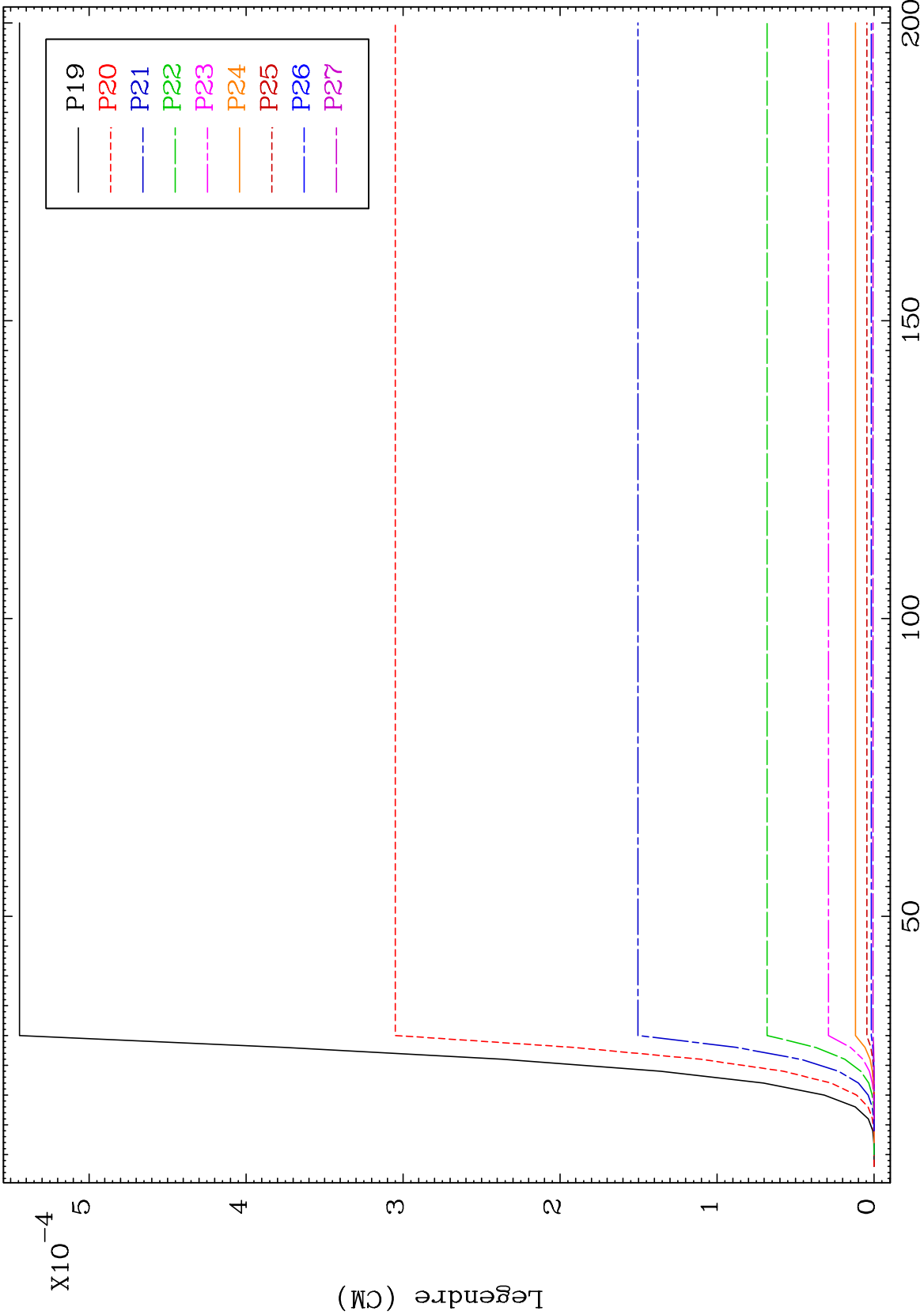
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



25

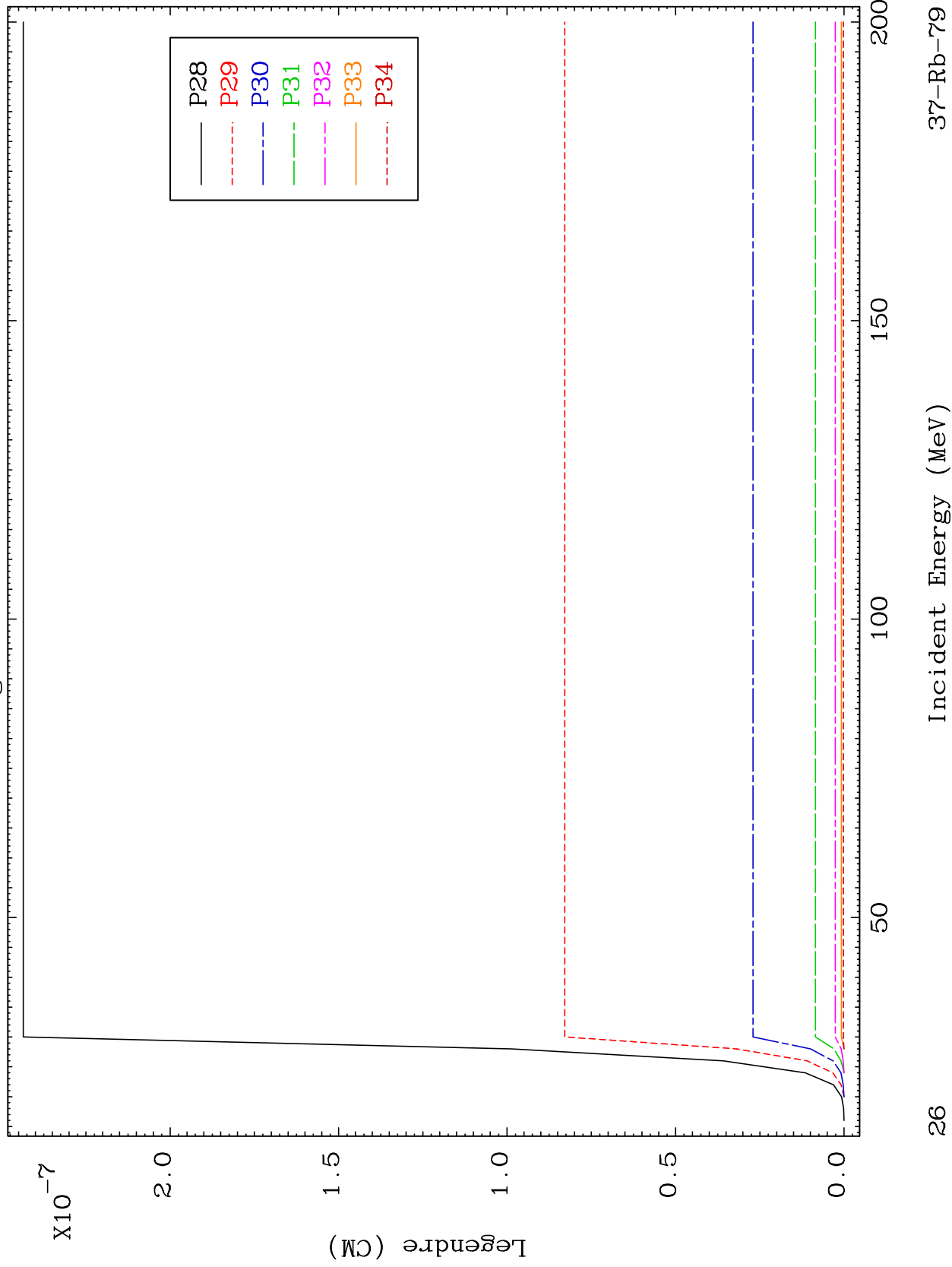
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



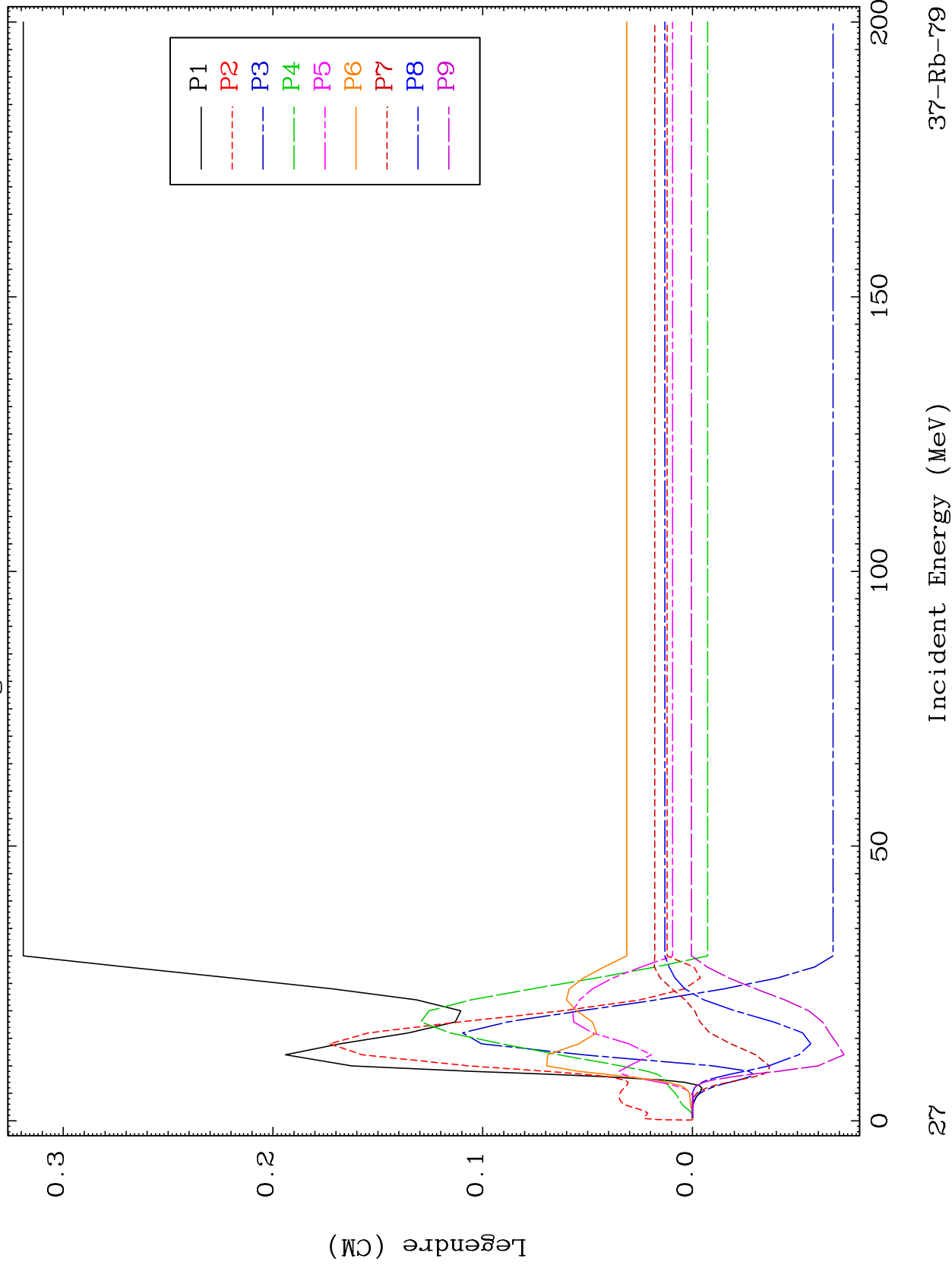
26

37-Rb-79

MAT 3707

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

37-Rb-79



27

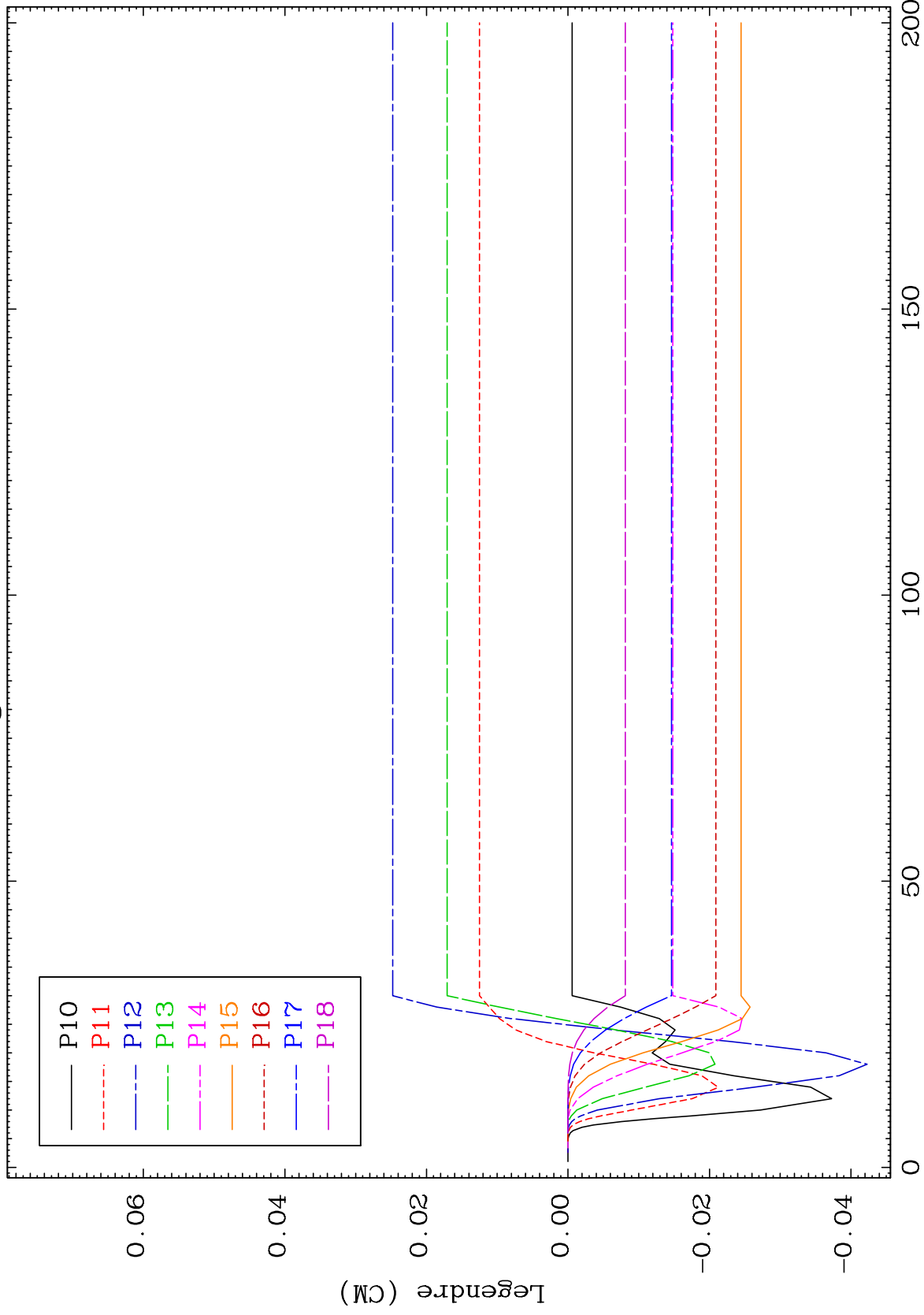
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



28

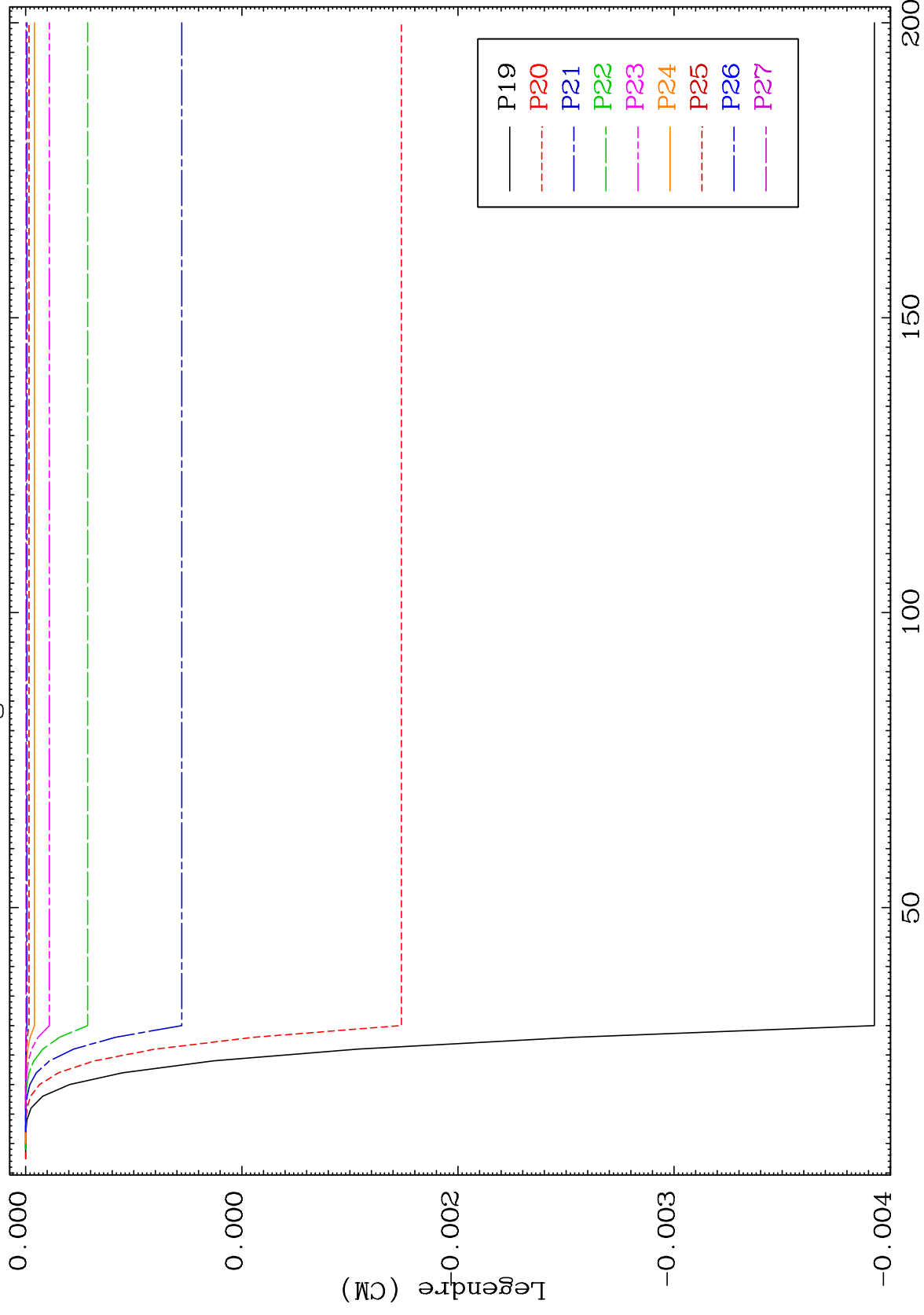
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

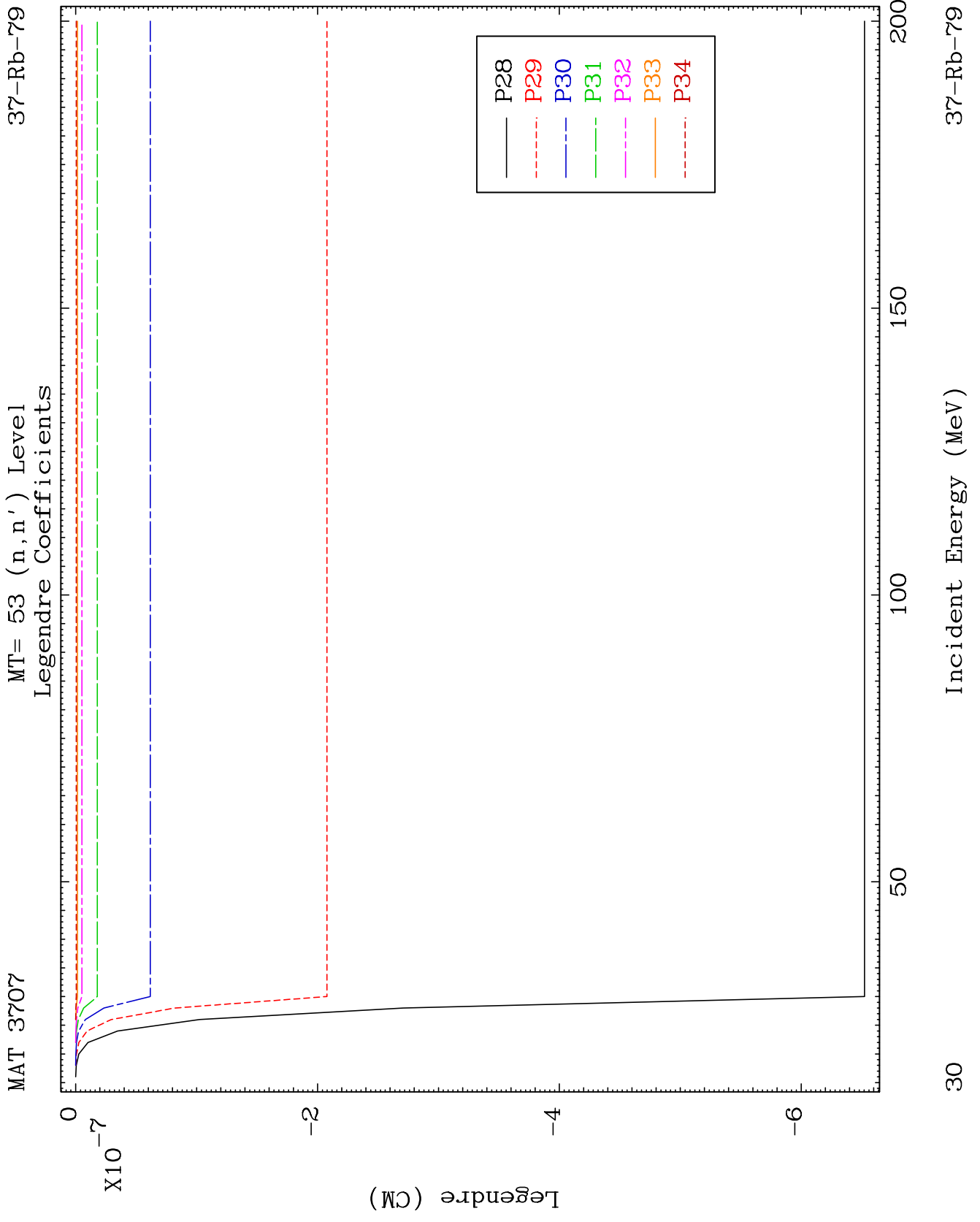
37-Rb-79



29

Incident Energy (MeV)

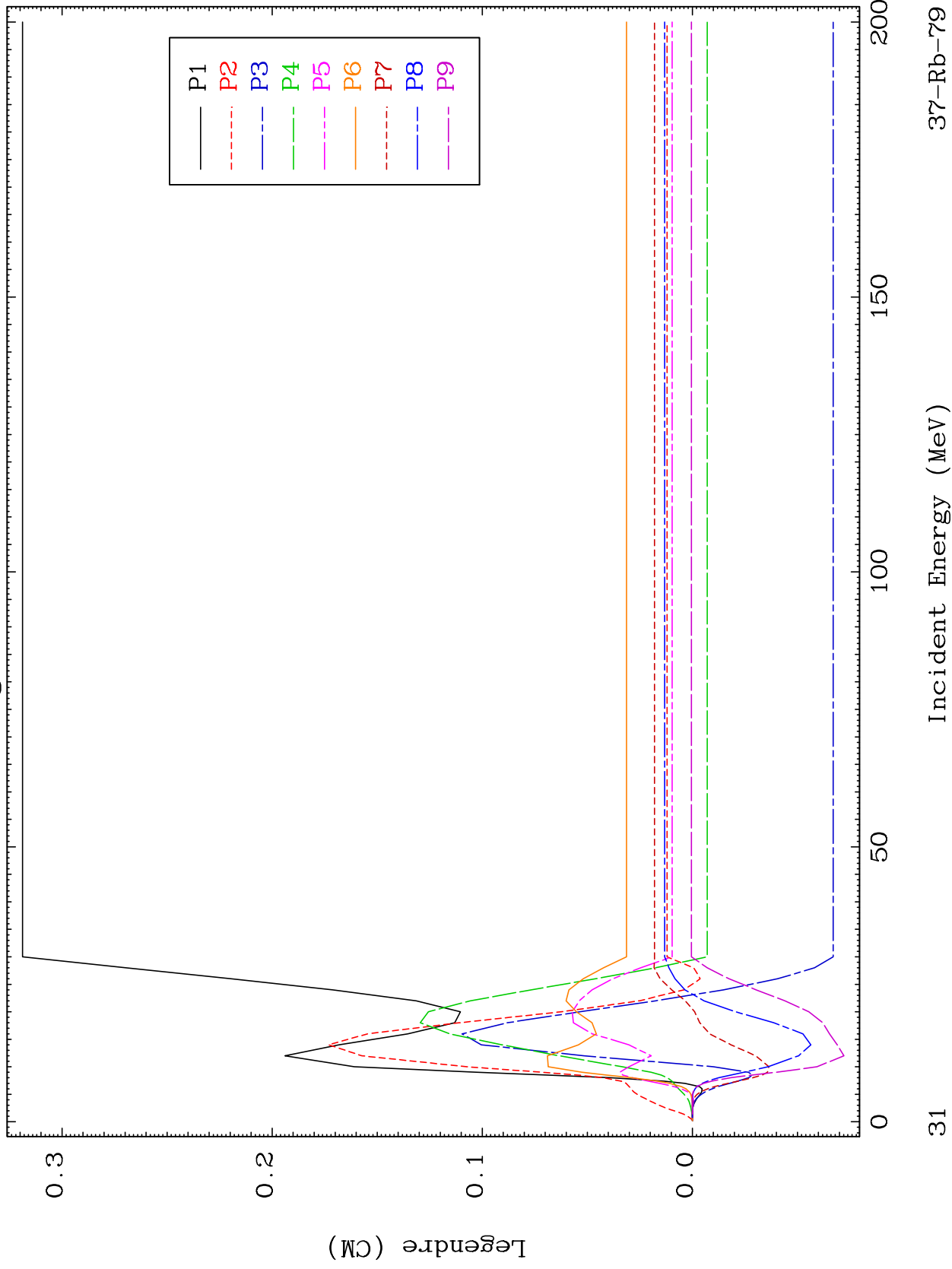
37-Rb-79



MAT 3707

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

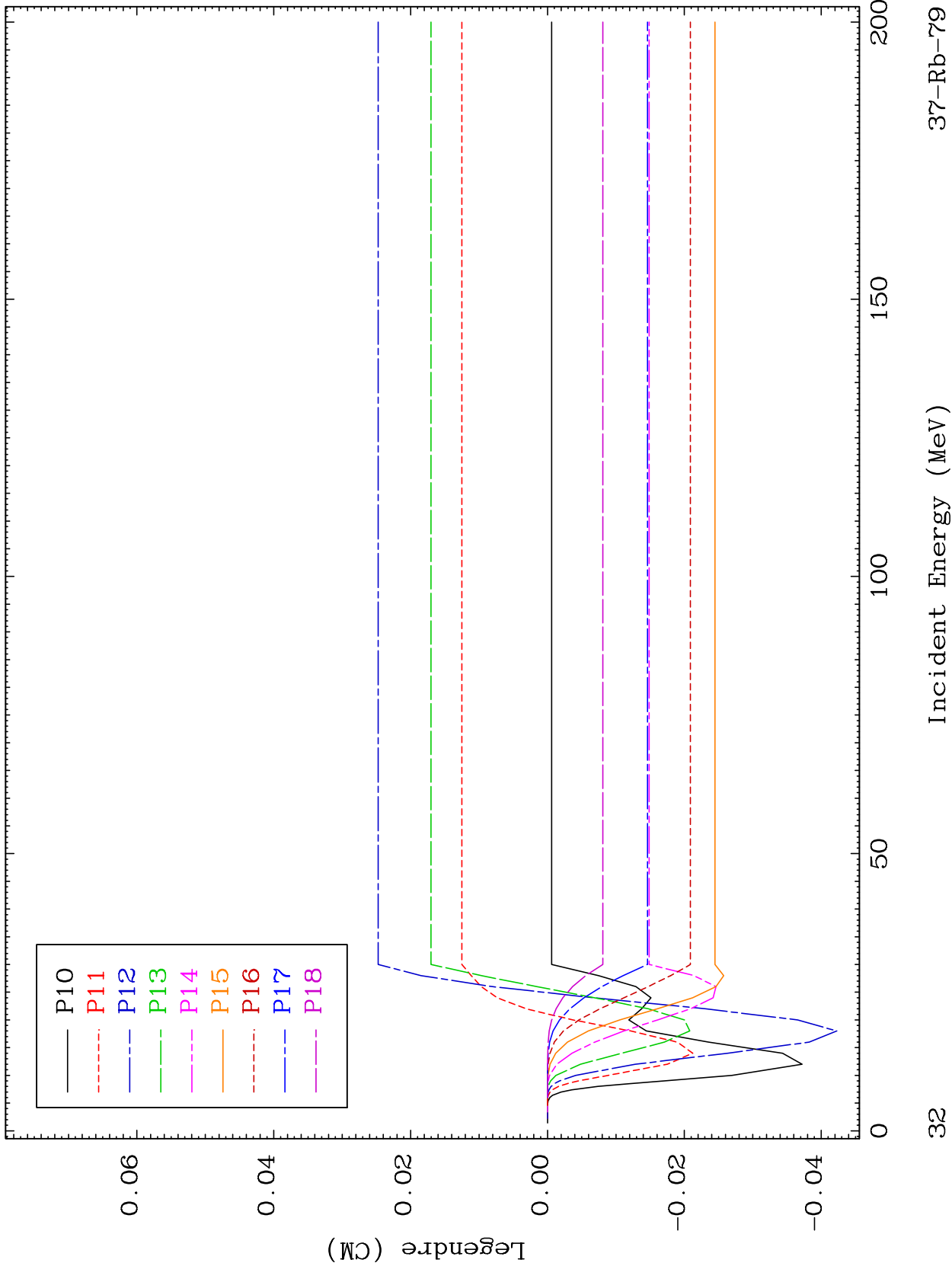
37-Rb-79



MAT 3707

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

37-Rb-79



37-Rb-79

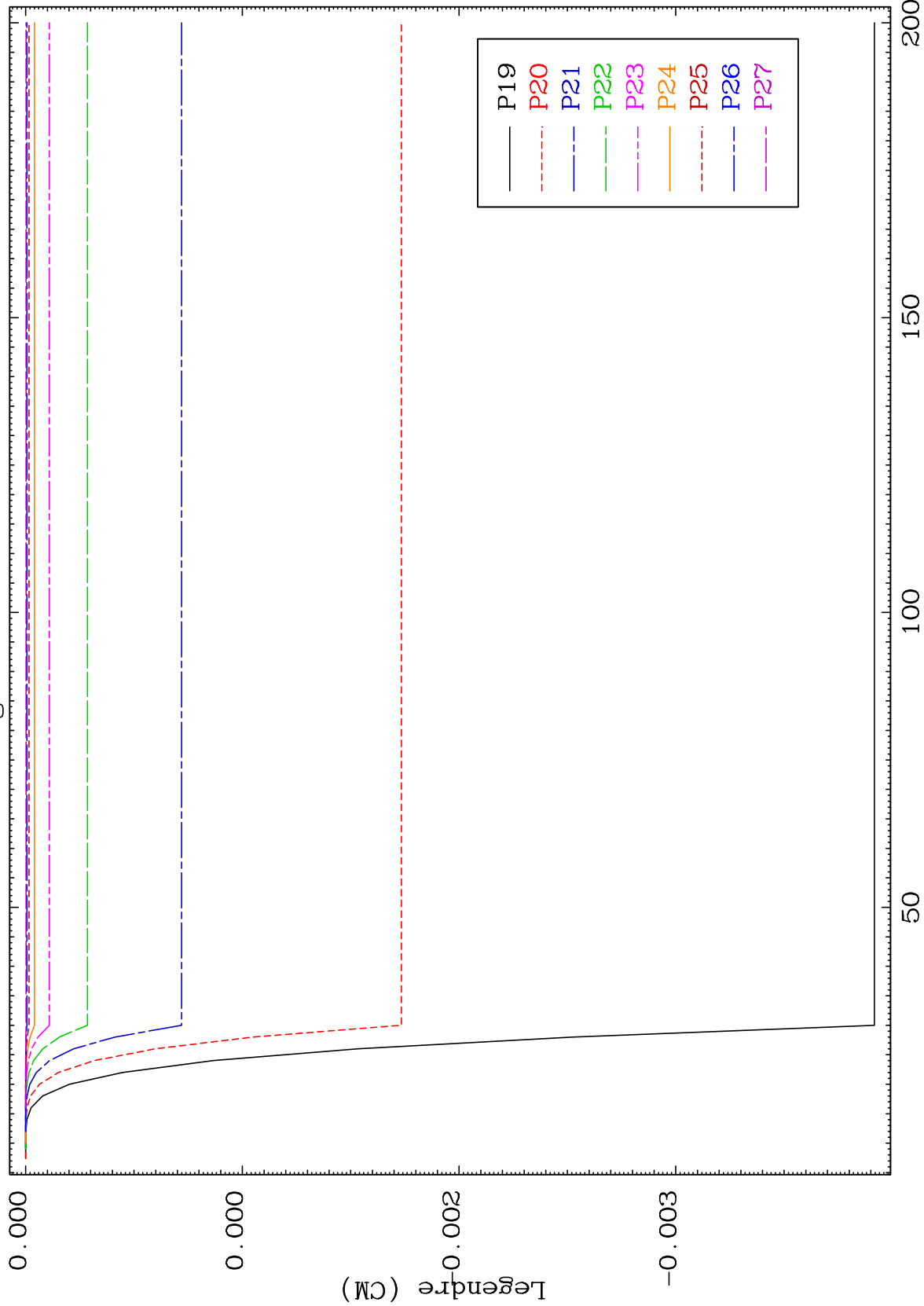
Incident Energy (MeV)

32

MAT 3707

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

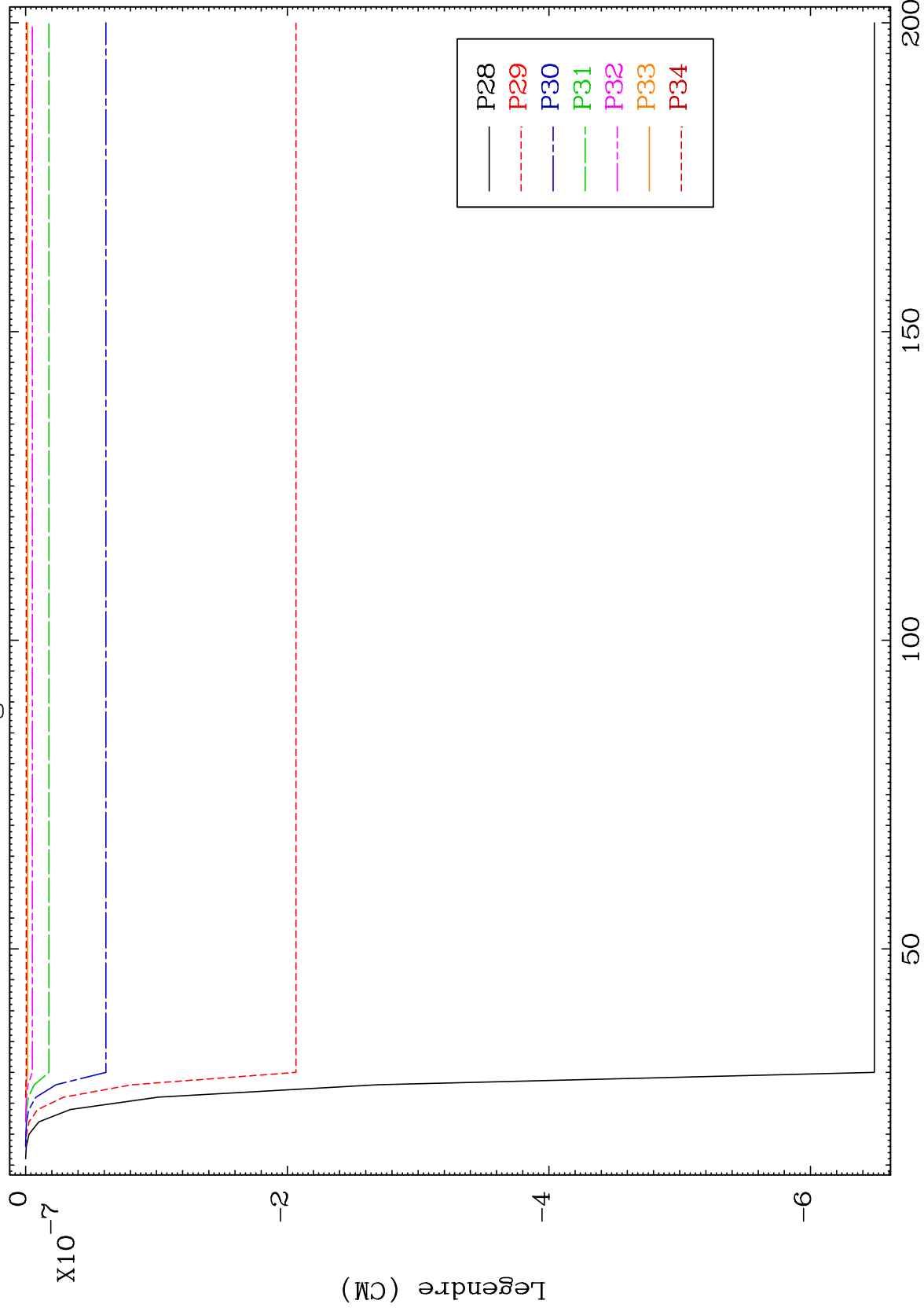
37-Rb-79



MAT 3707

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

37-Rb-79



34

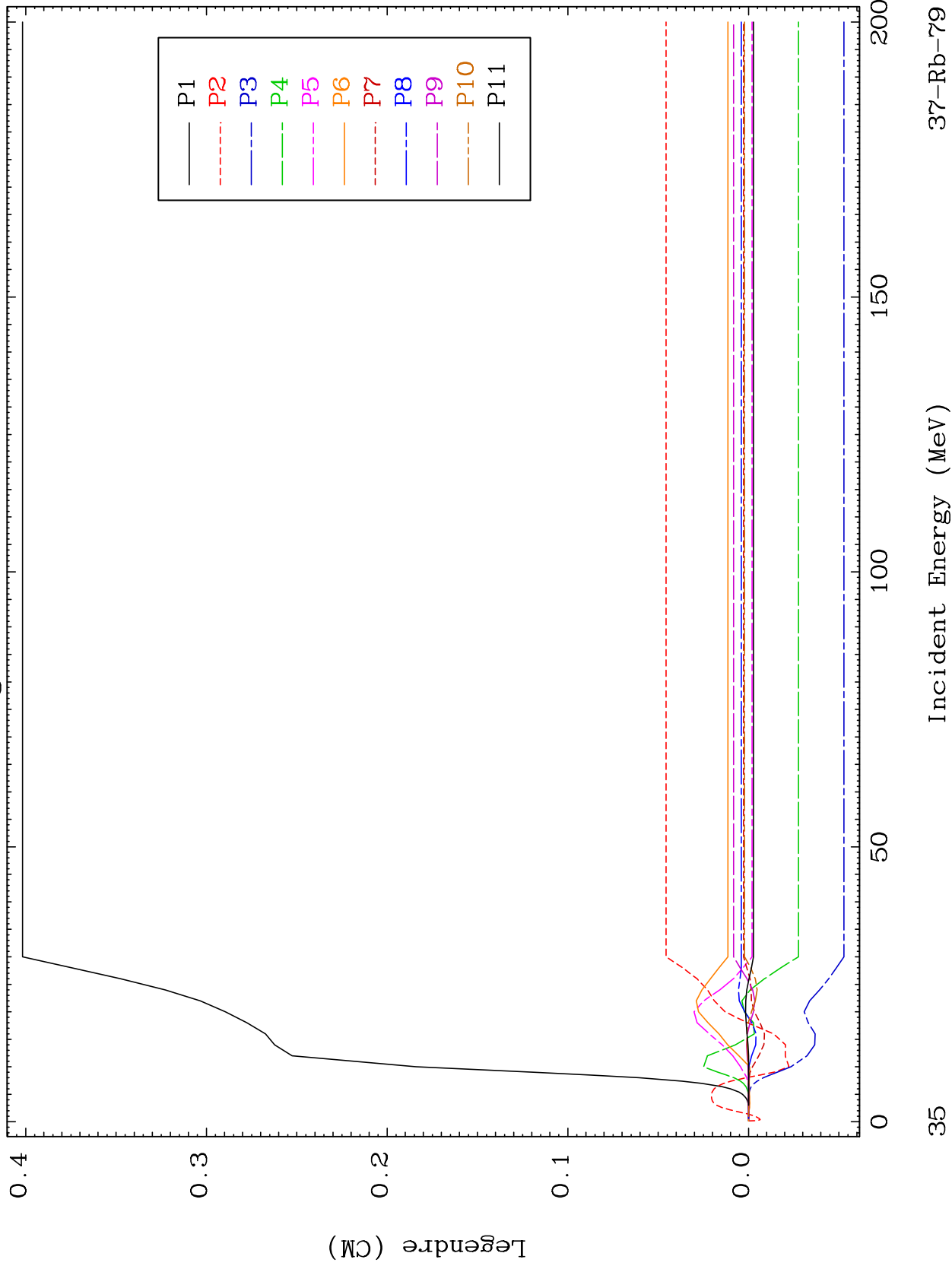
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

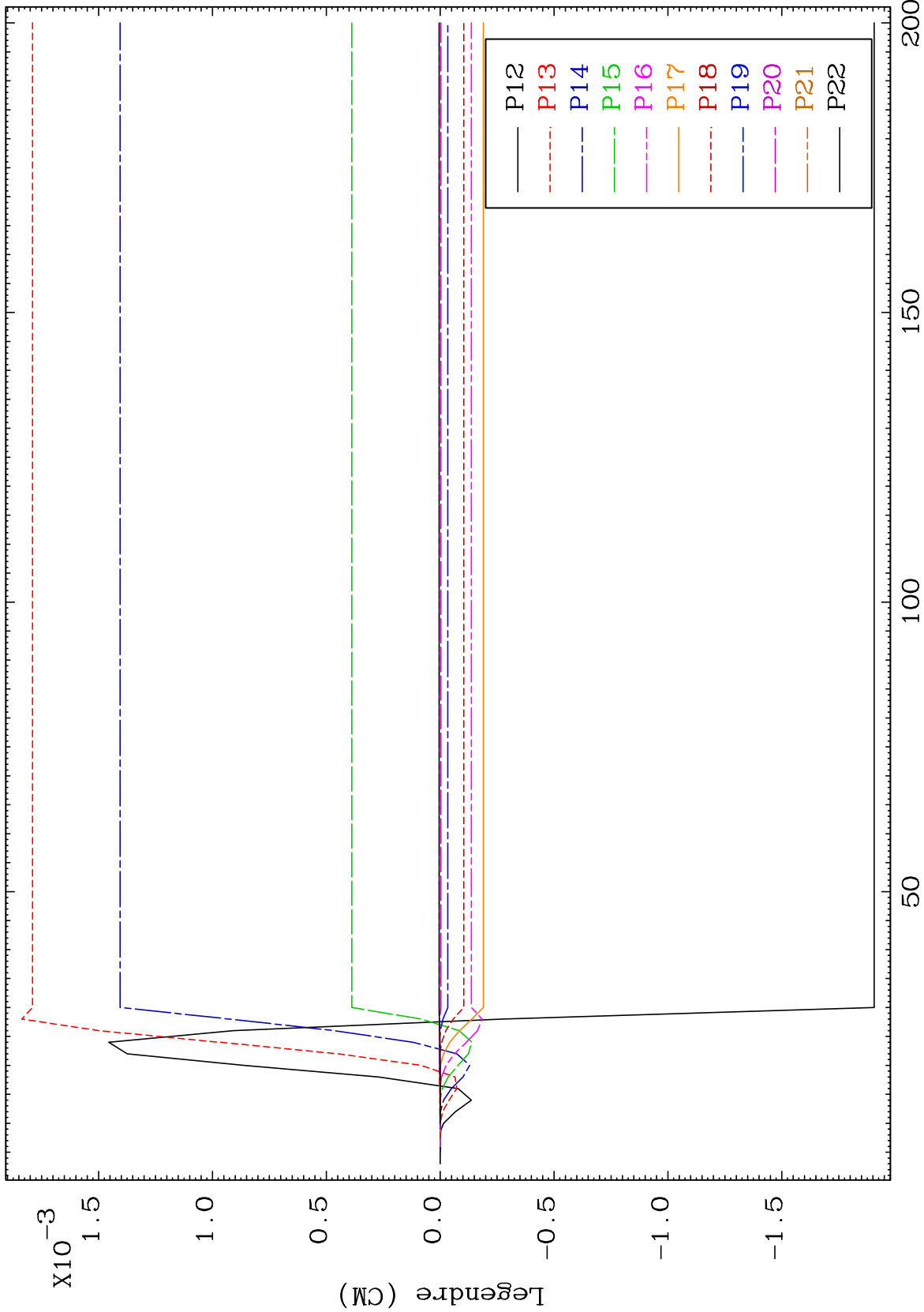
37-Rb-79



37-Rb-79

Incident Energy (MeV)

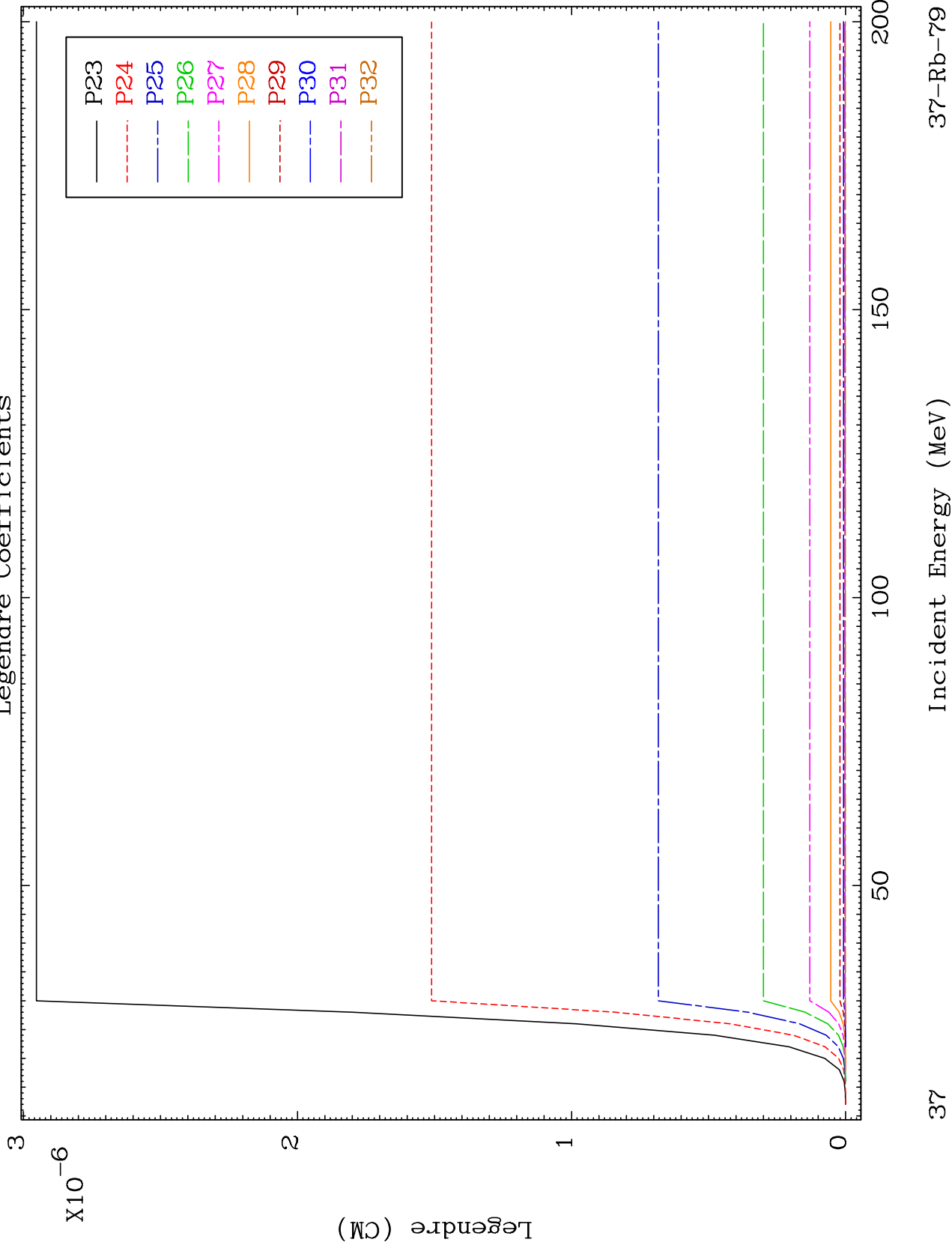
35



MAT 3707

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

37-Rb-79



37

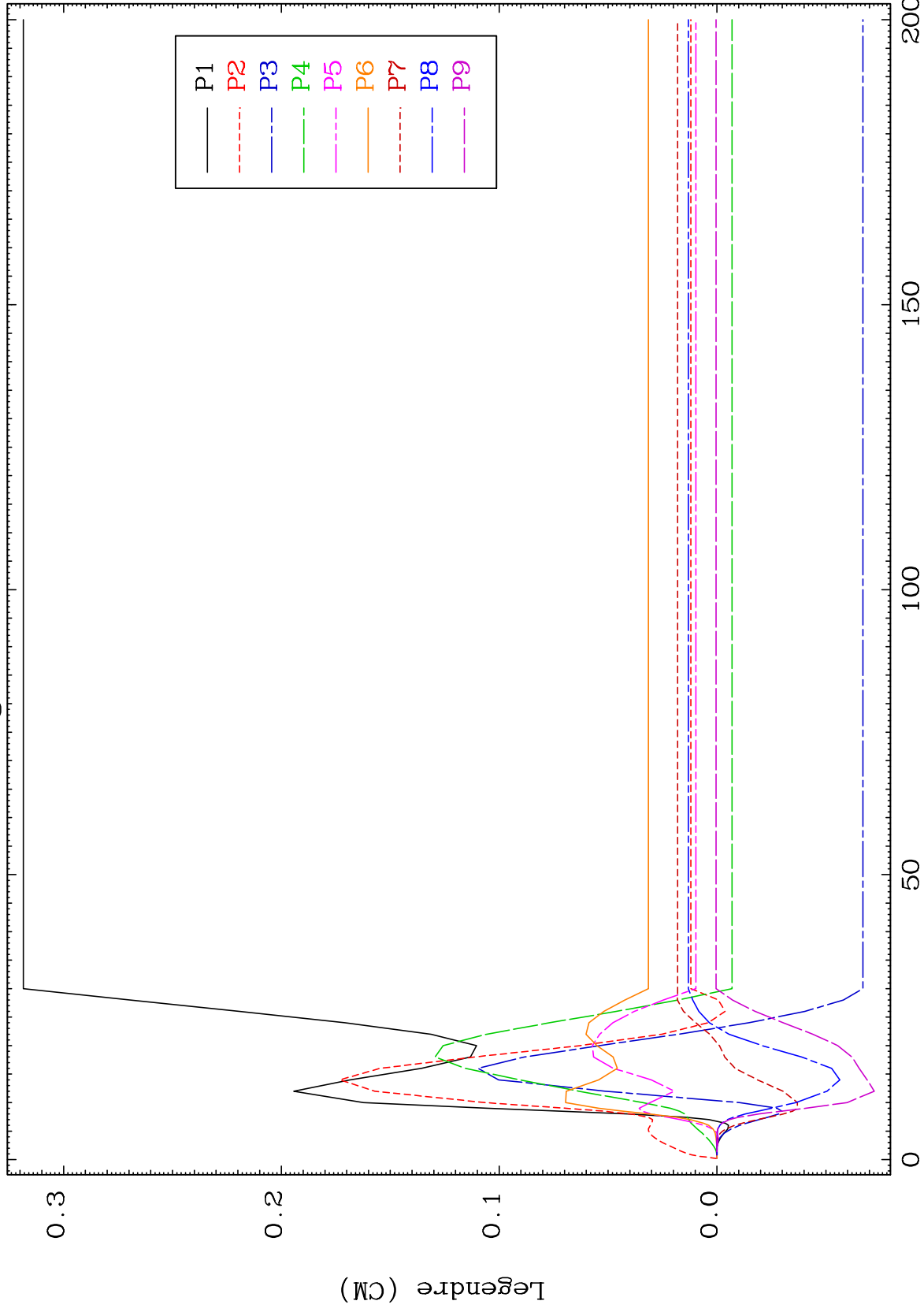
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



38

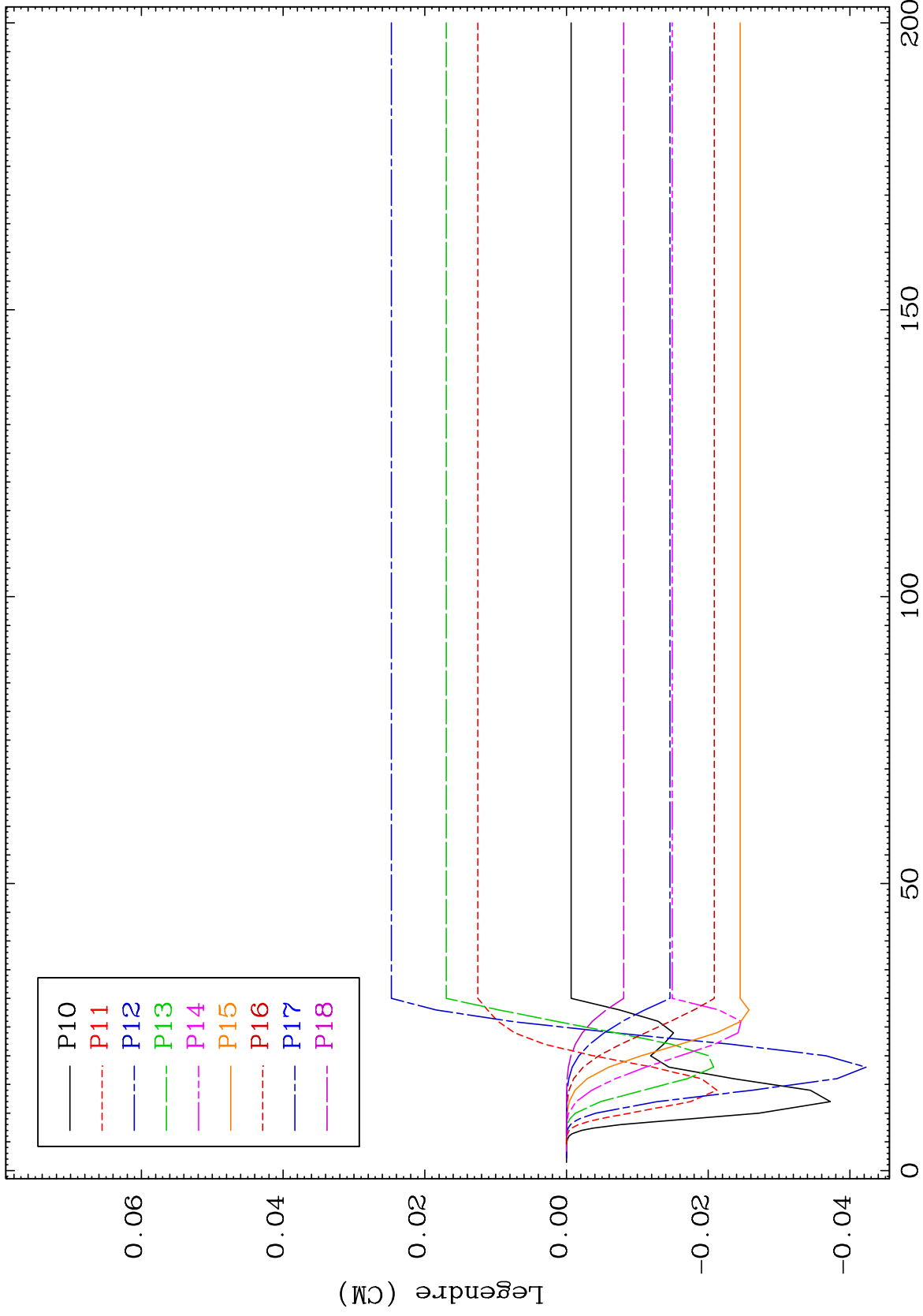
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

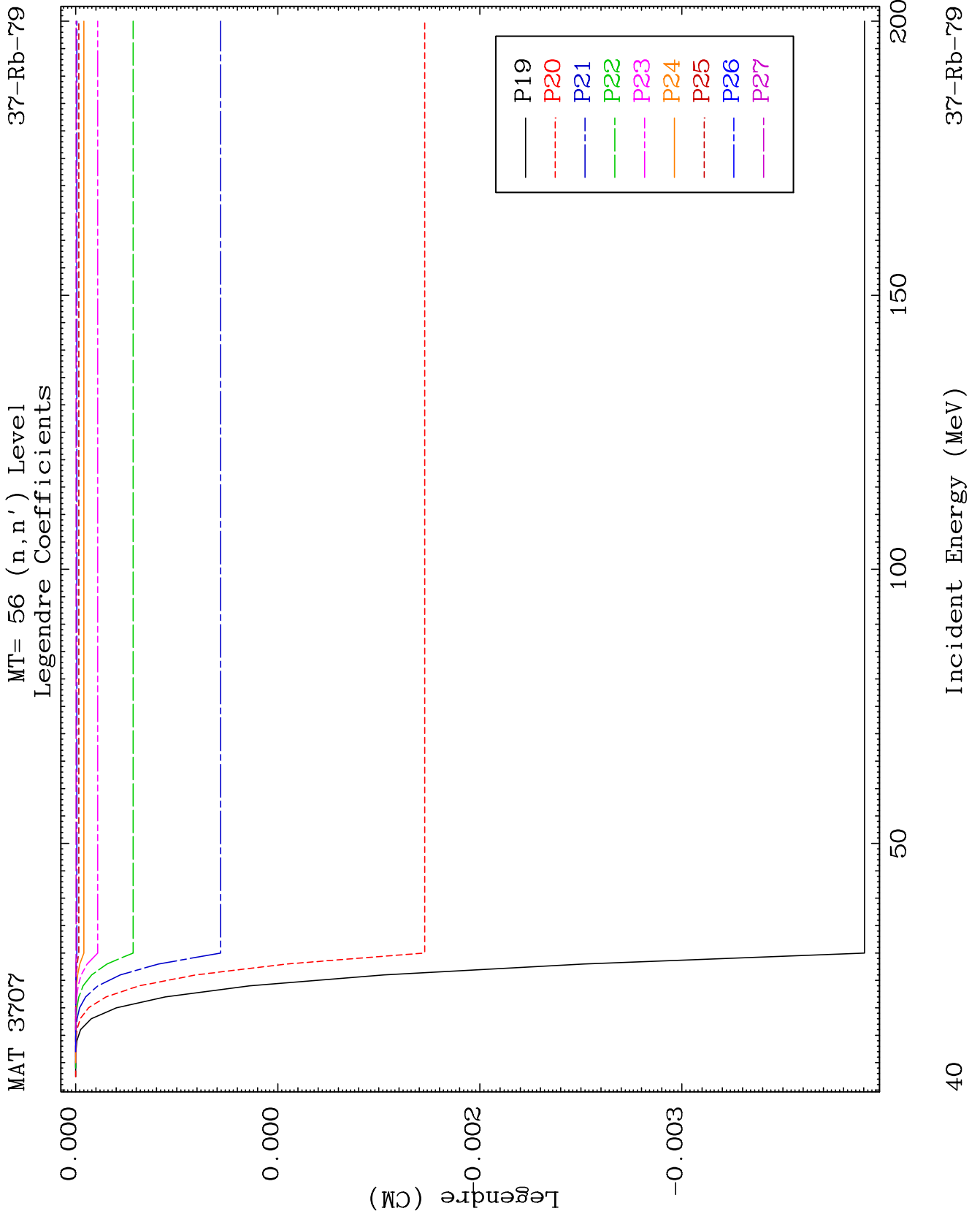
37-Rb-79



39

Incident Energy (MeV)

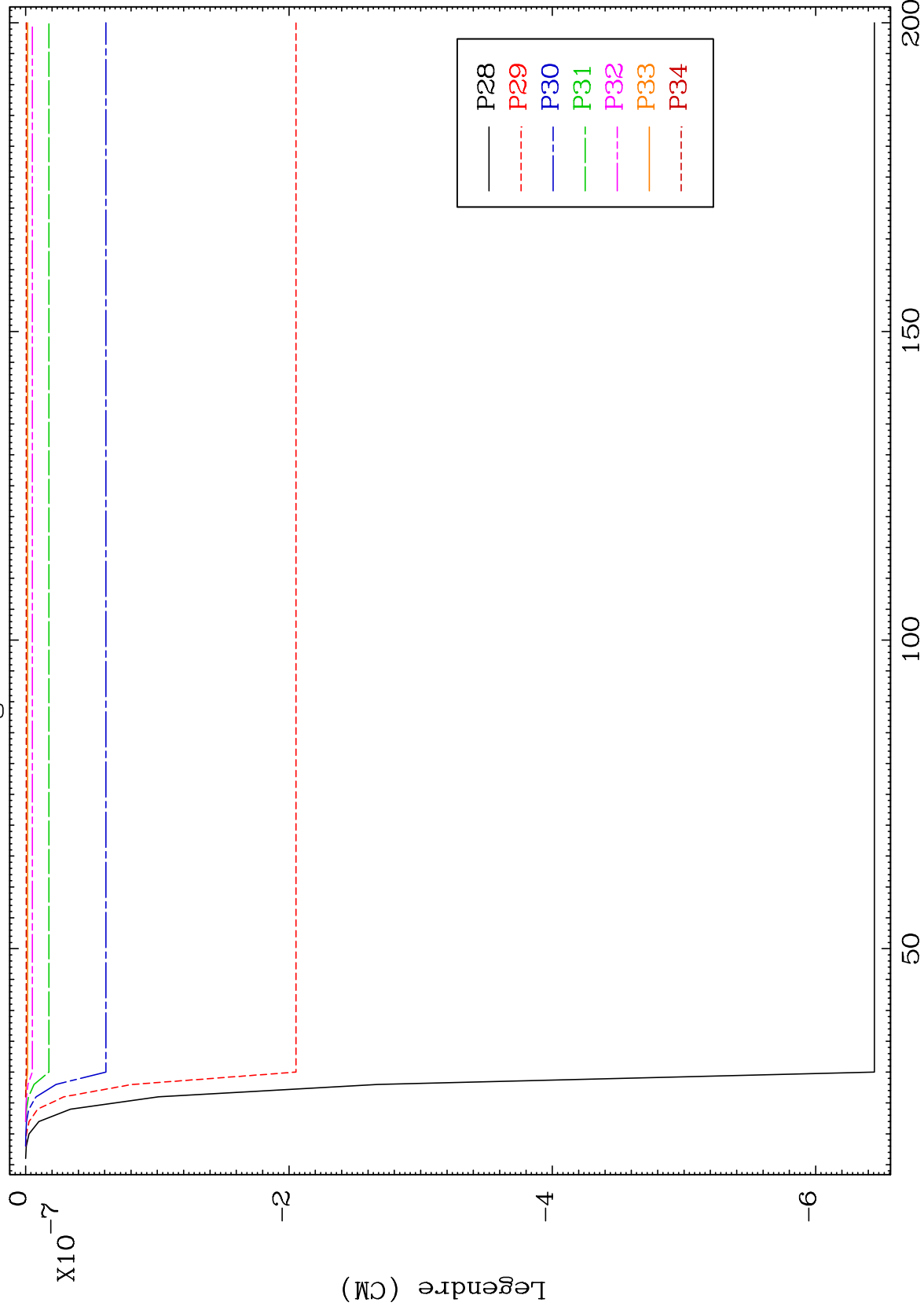
37-Rb-79



MAT 3707

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

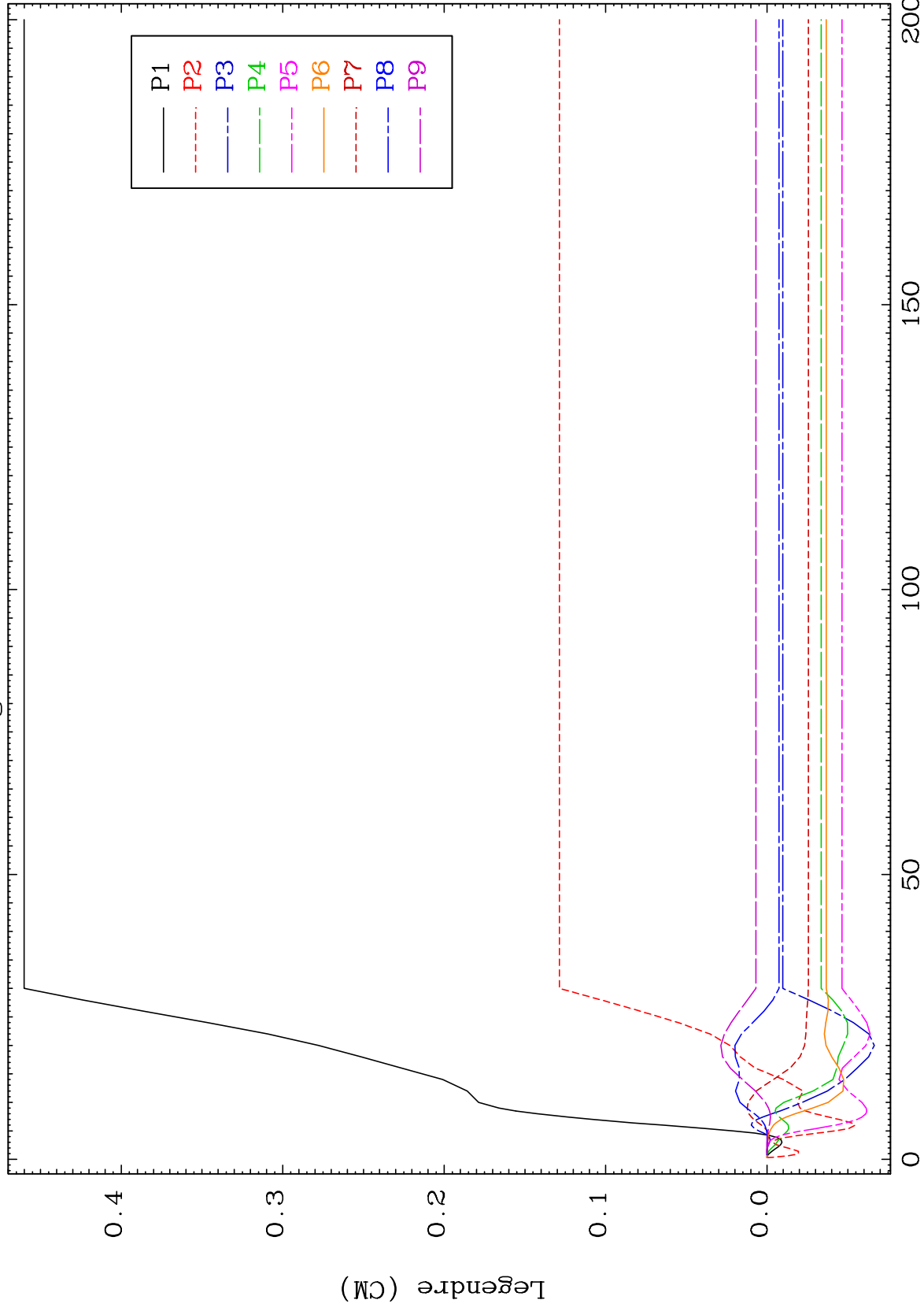
37-Rb-79



MAT 3707

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

37-Rb-79



42

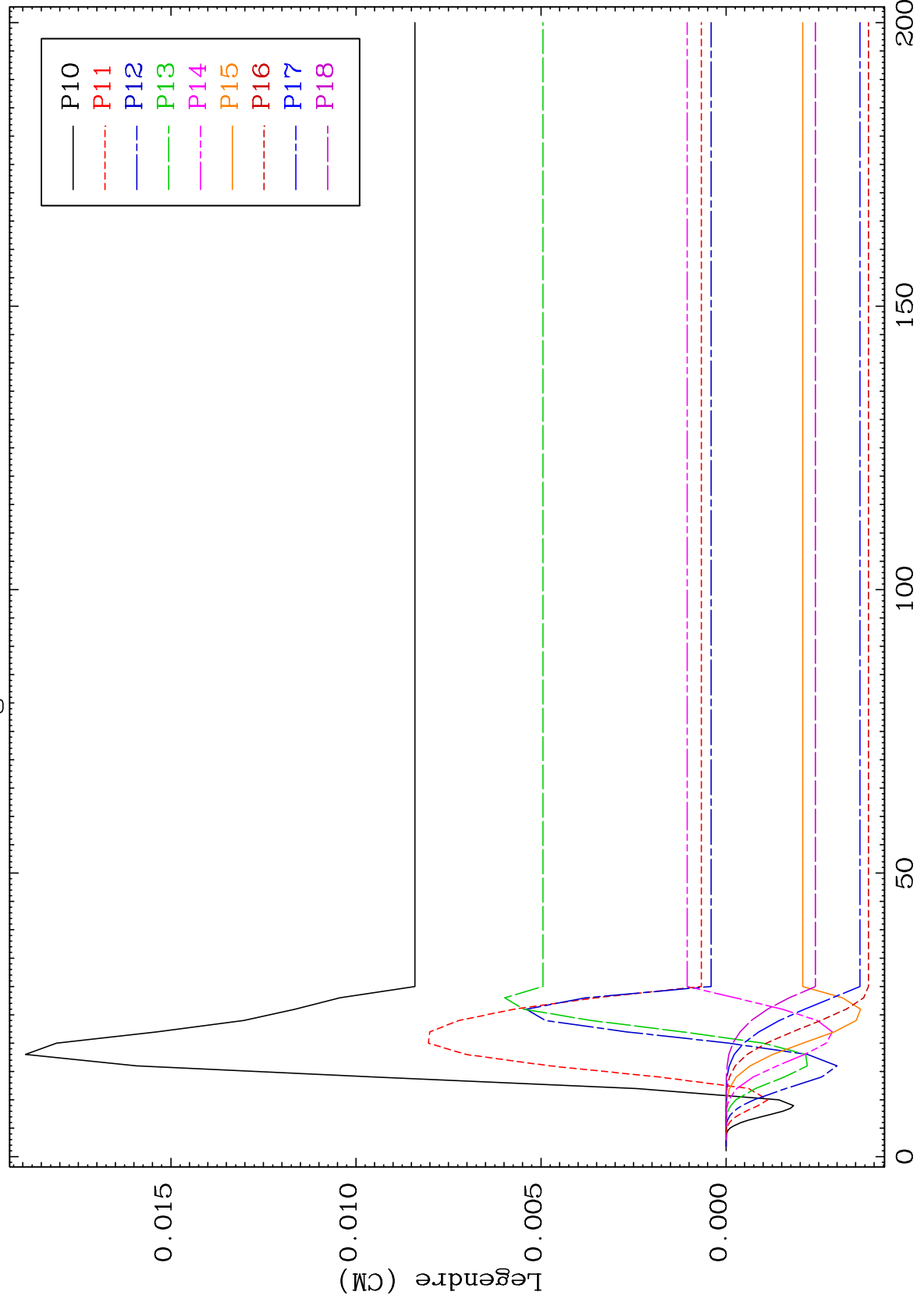
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

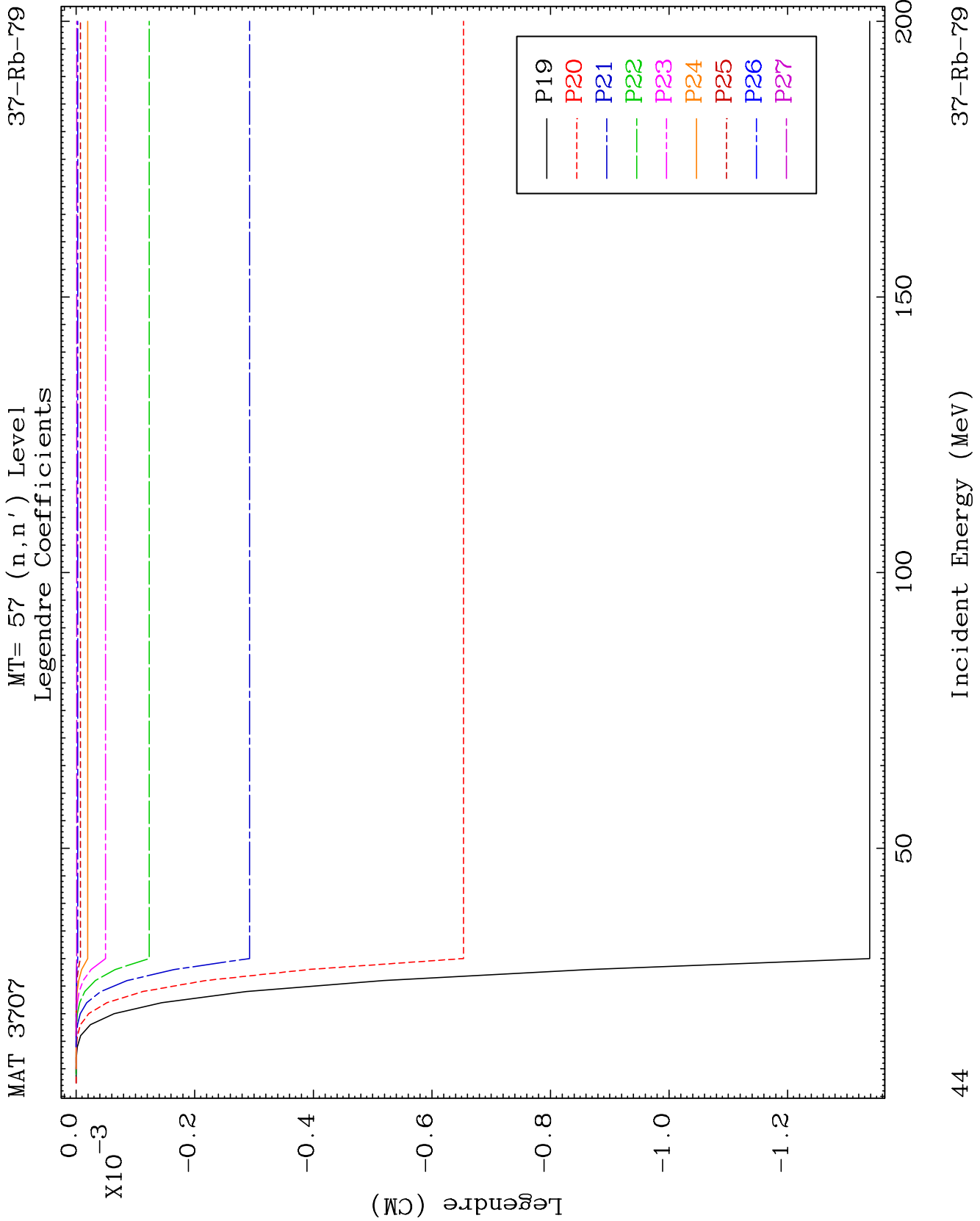
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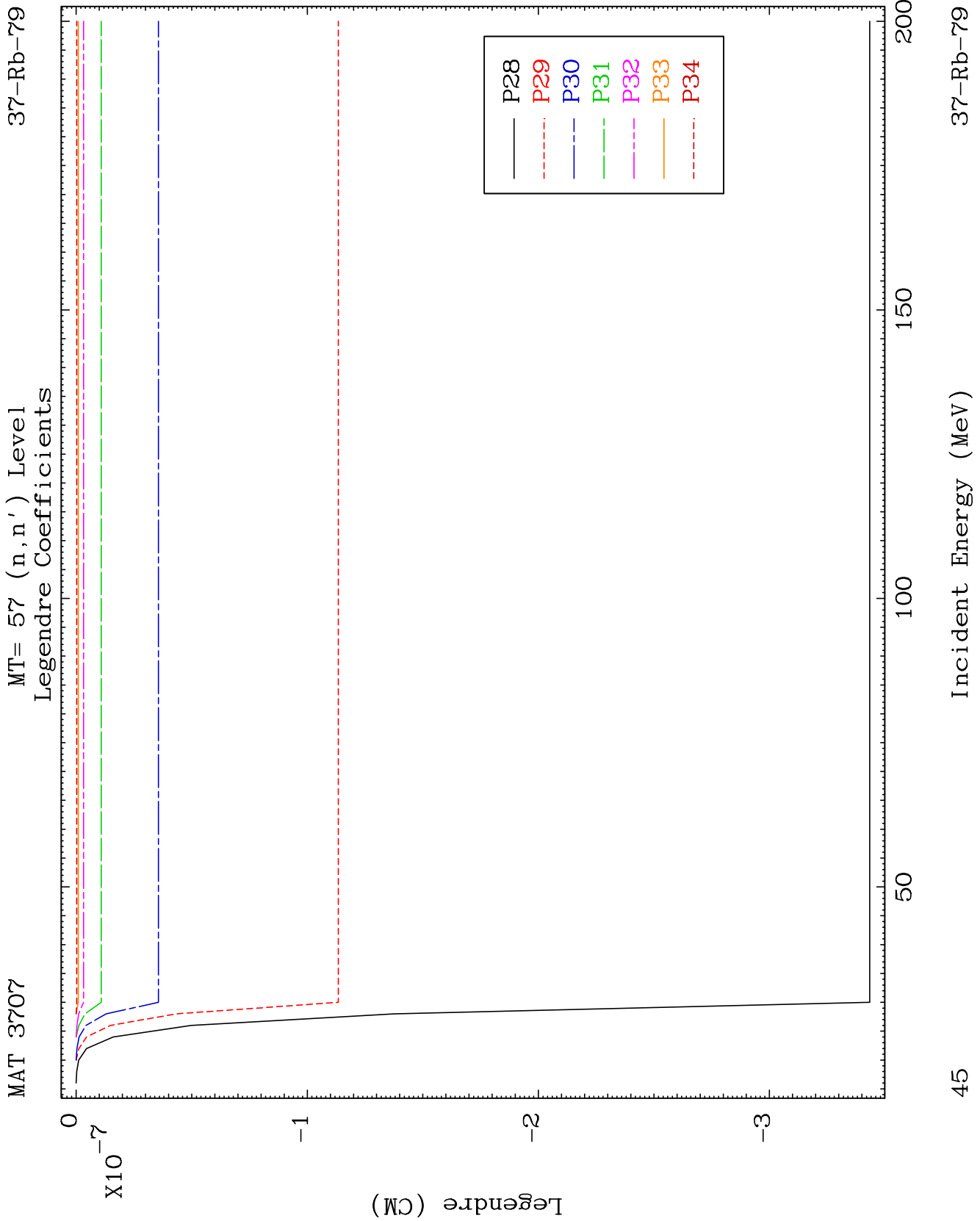


43

Incident Energy (MeV)

37-Rb-79

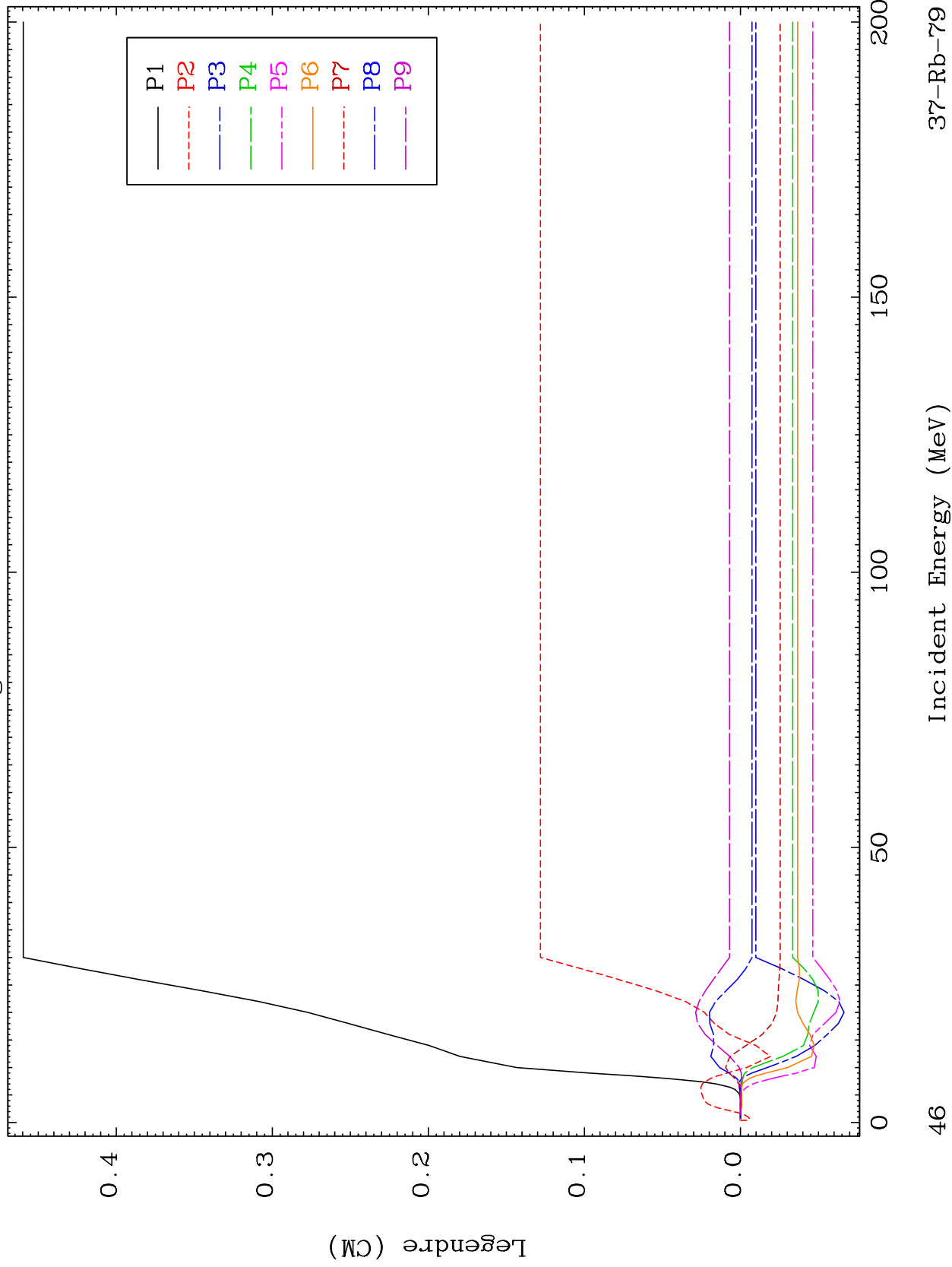




MAT 3707

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

37-Rb-79



37-Rb-79

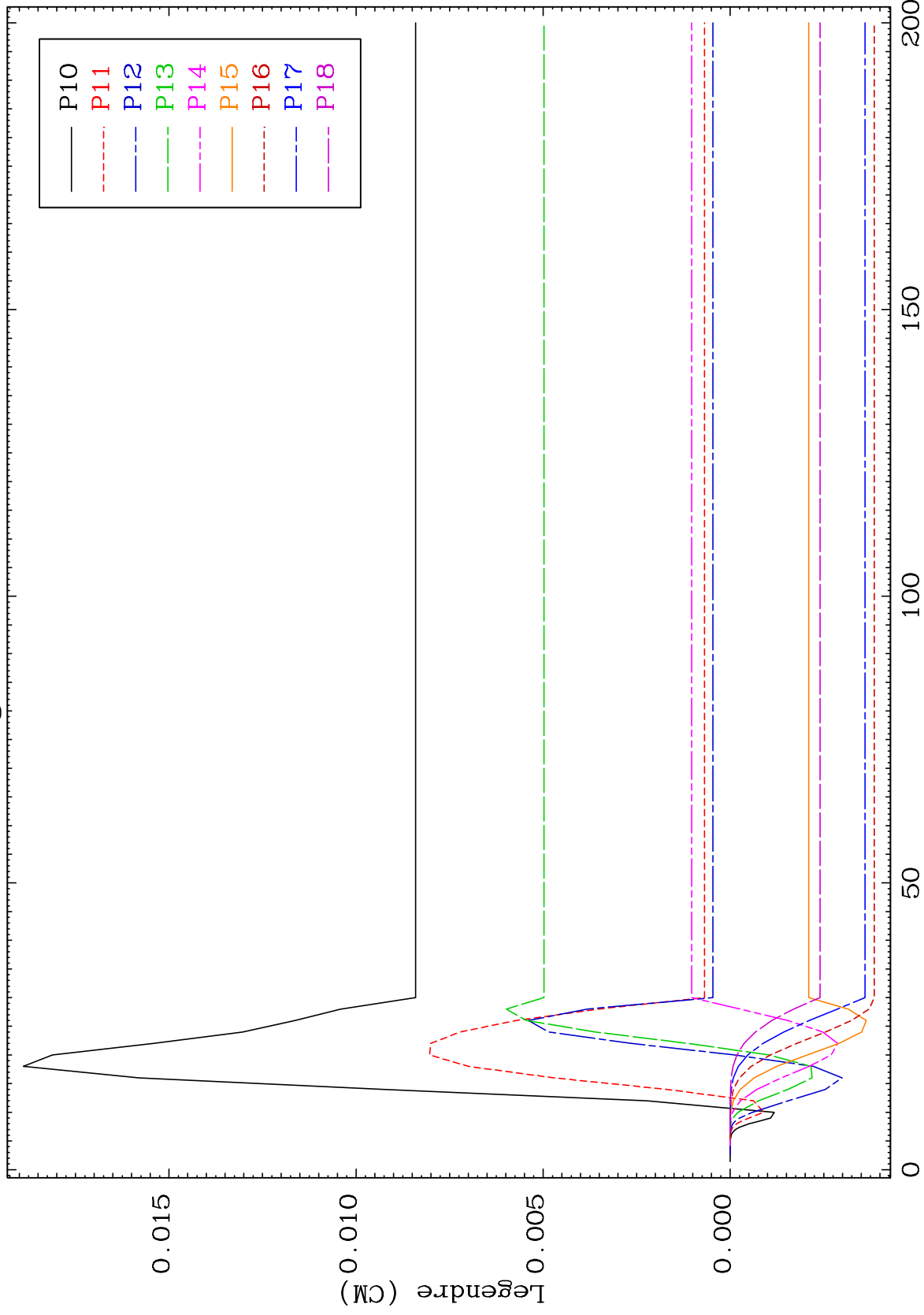
Incident Energy (MeV)

46

MAT 3707

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

37-Rb-79



47

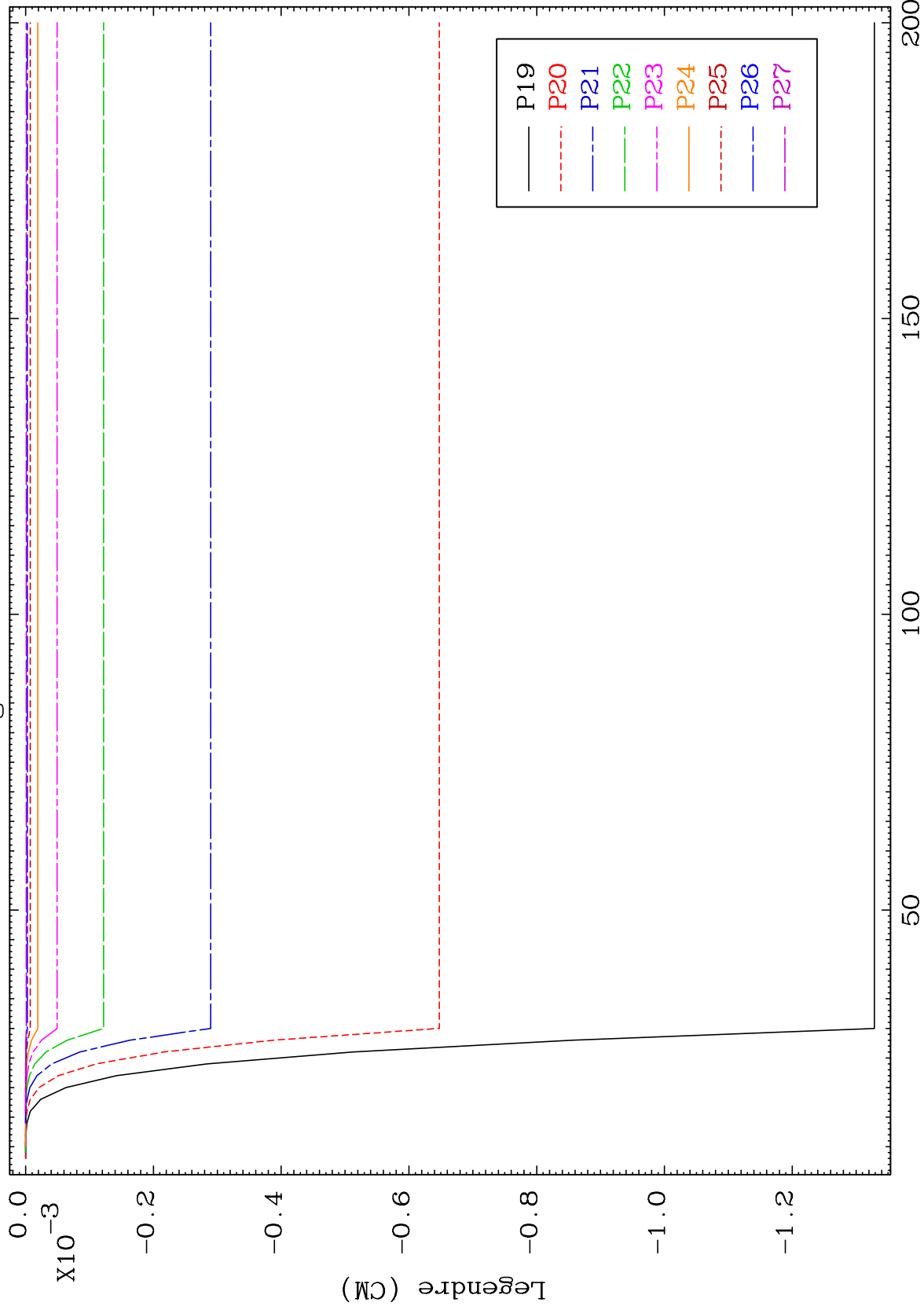
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

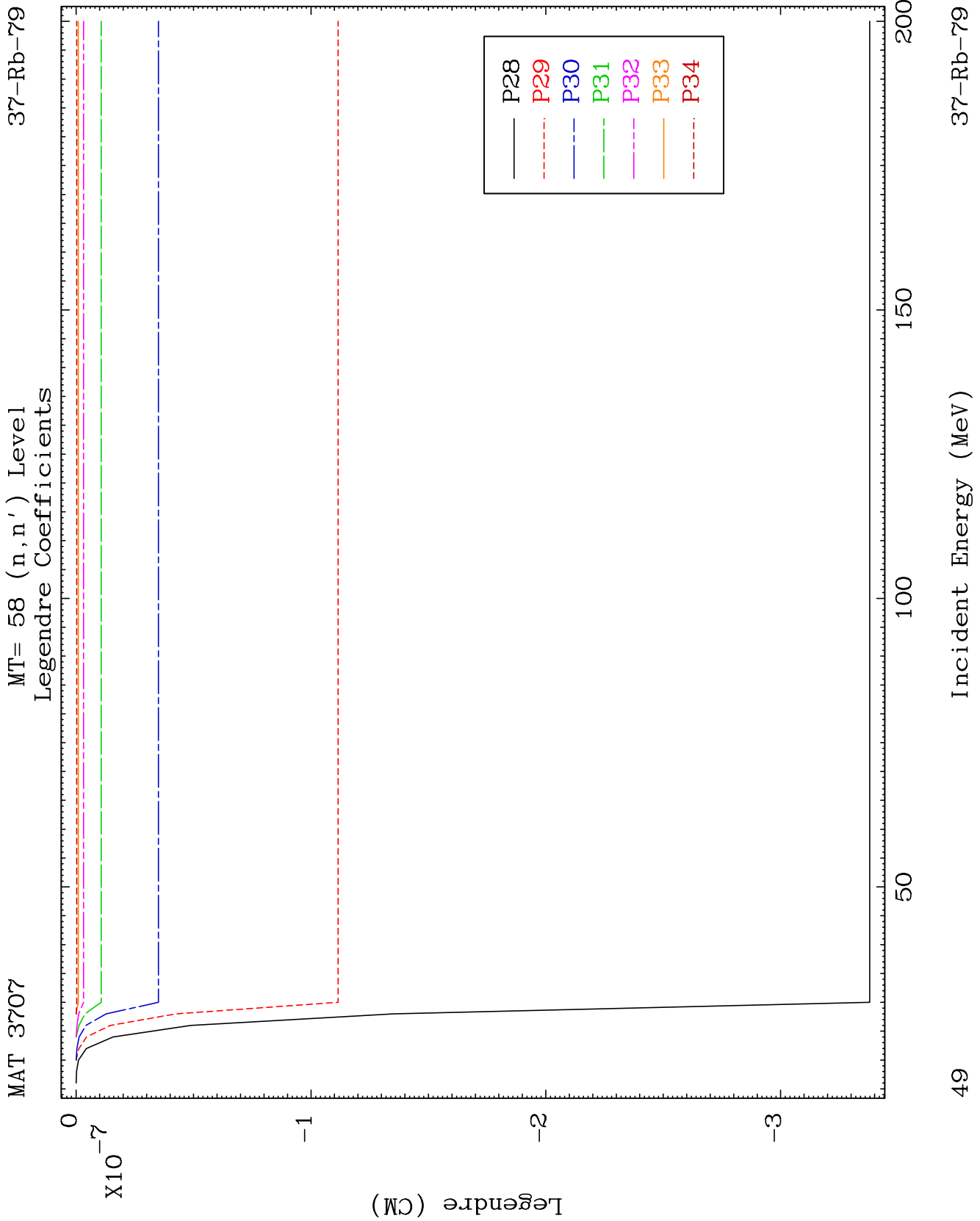
37-Rb-79



48

Incident Energy (MeV)

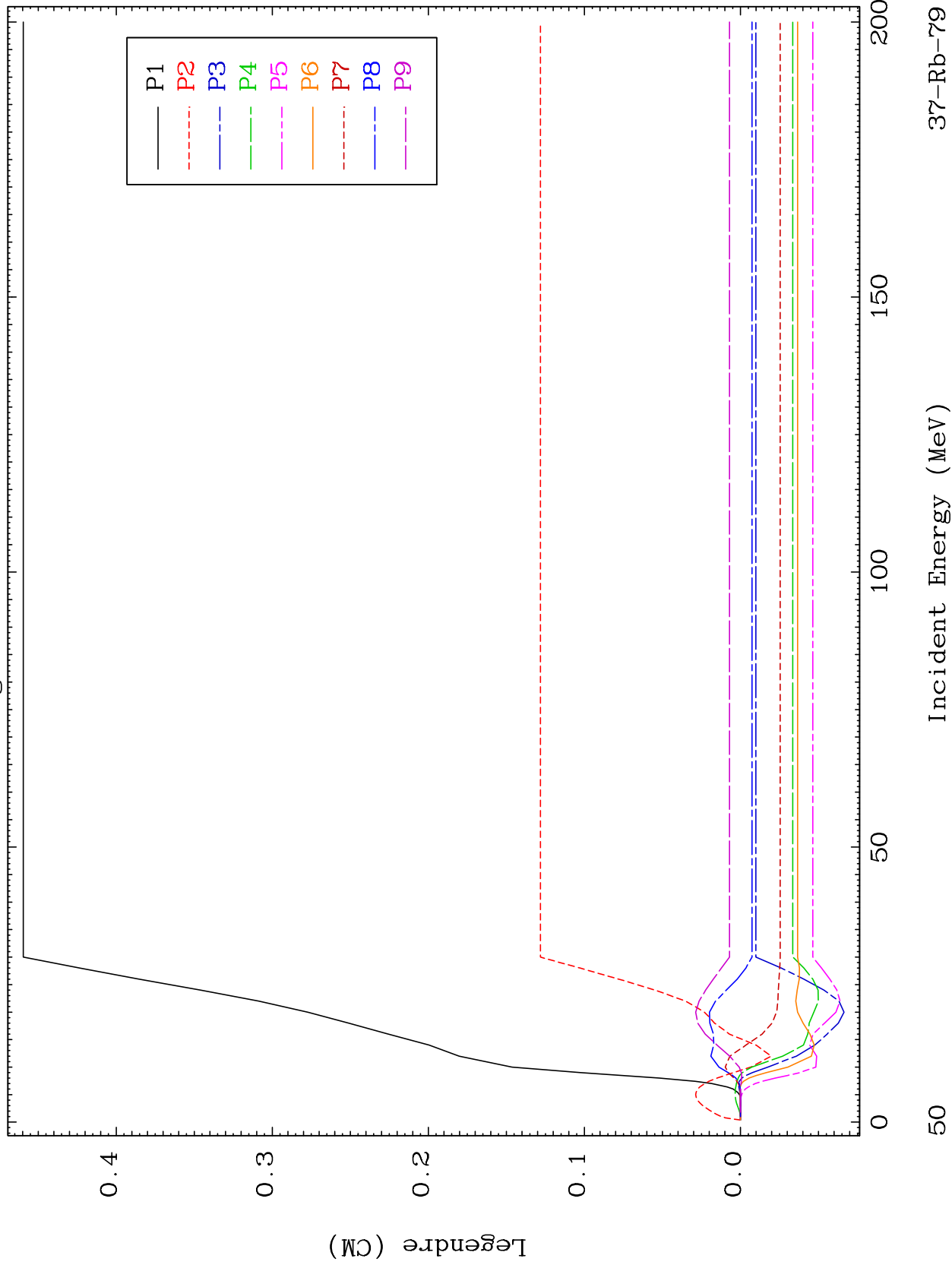
37-Rb-79



MAT 3707

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

37-Rb-79

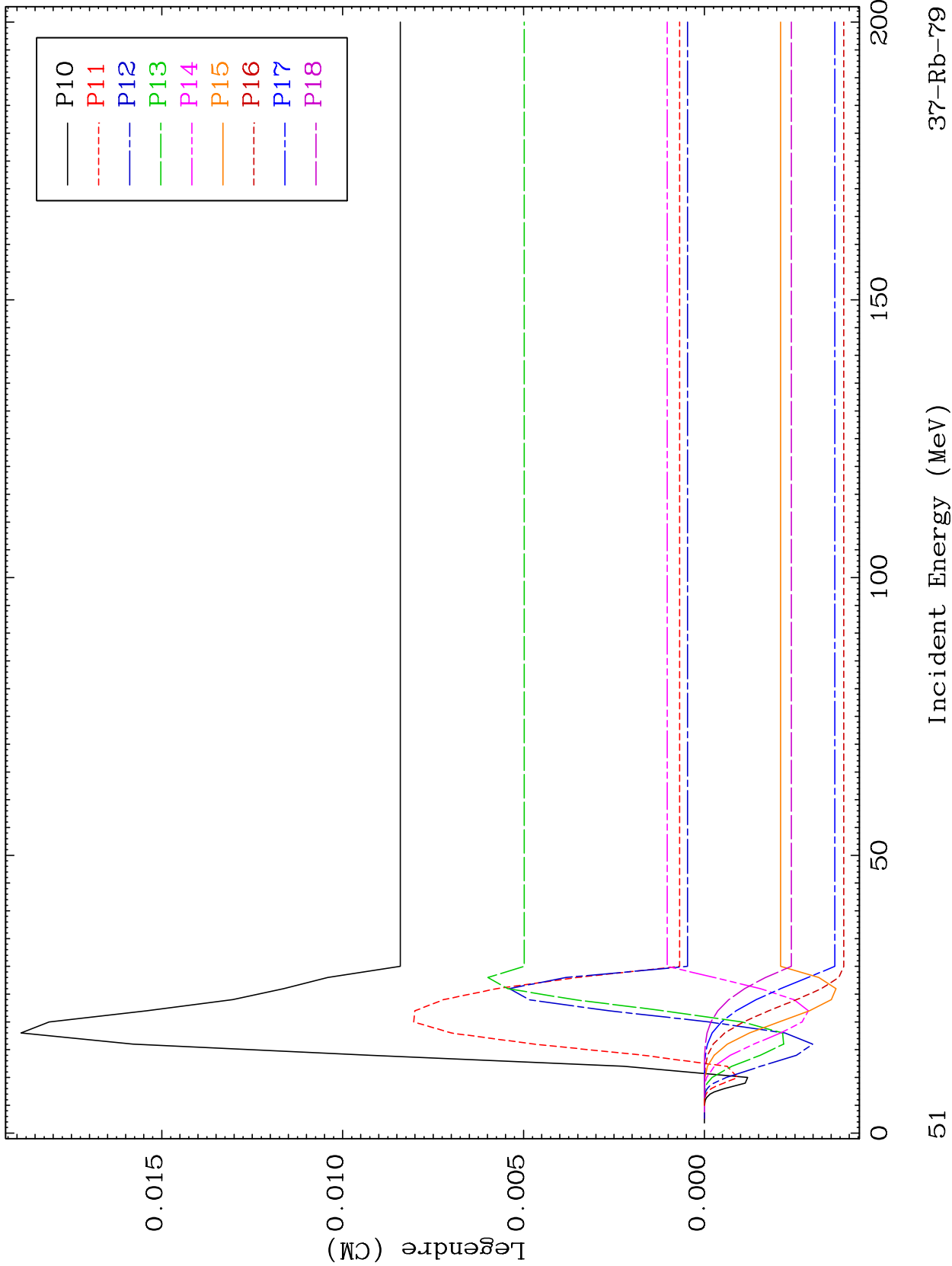


37-Rb-79

MAT 3707

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

37-Rb-79



51

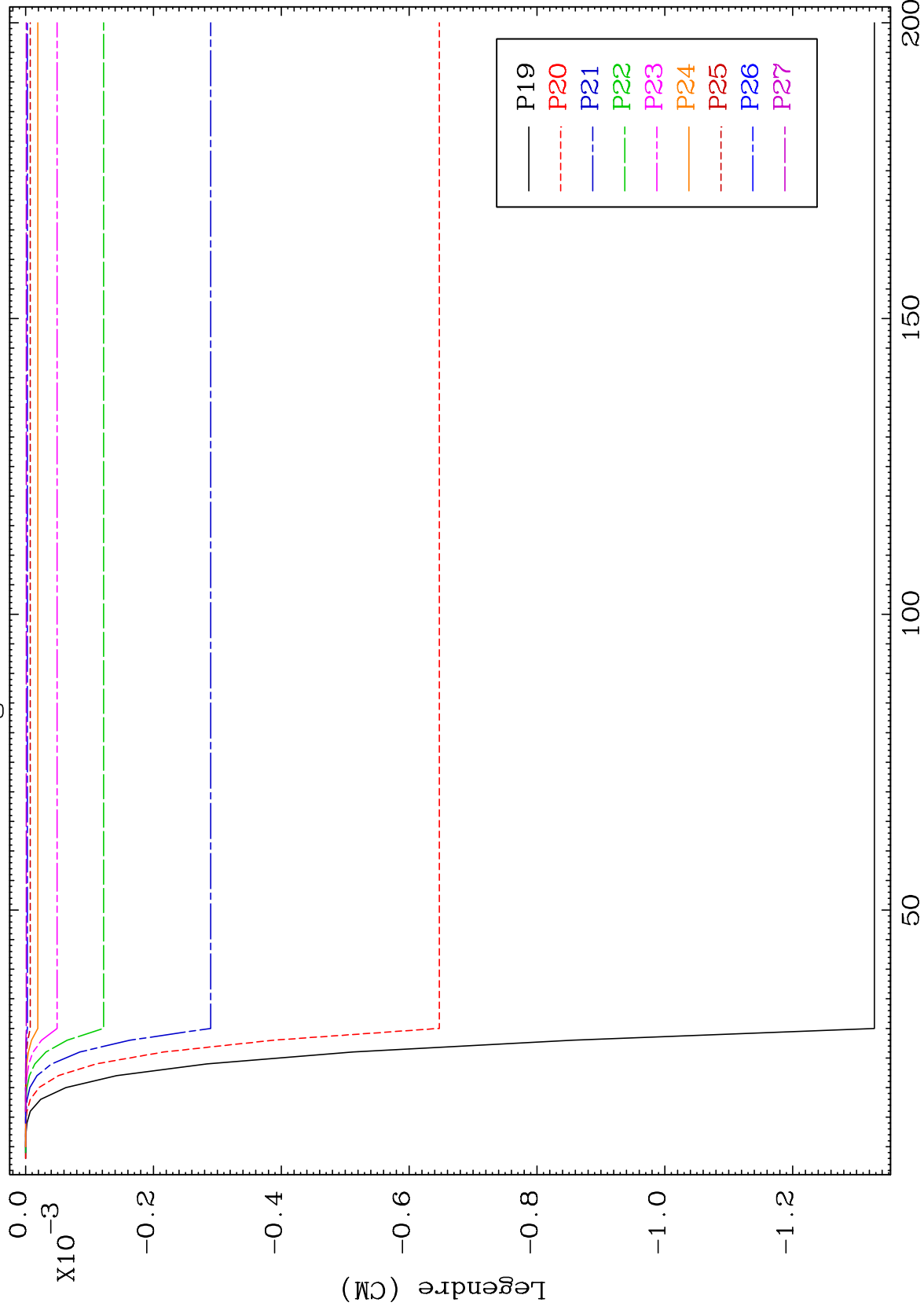
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



52

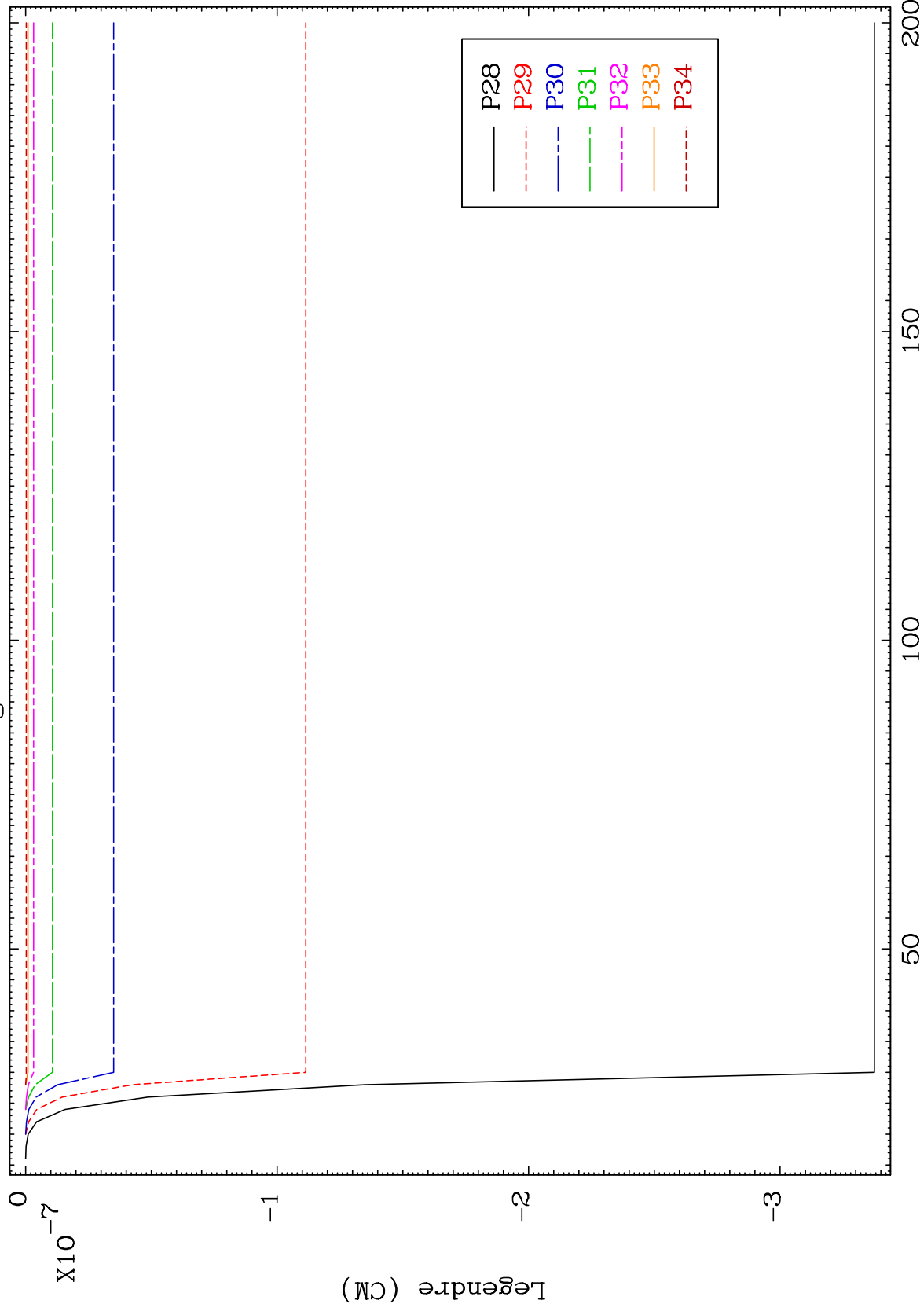
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



53

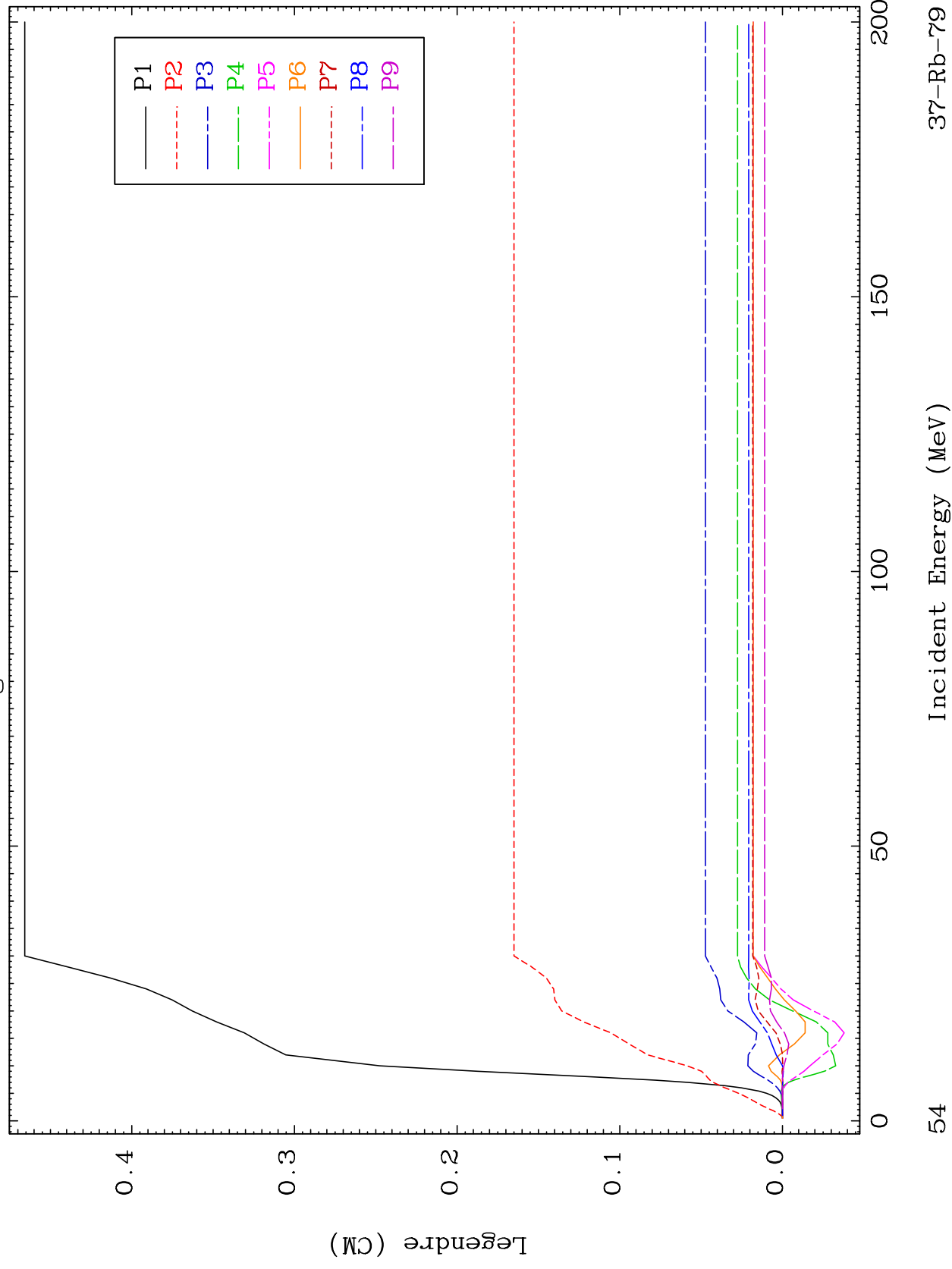
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



37-Rb-79

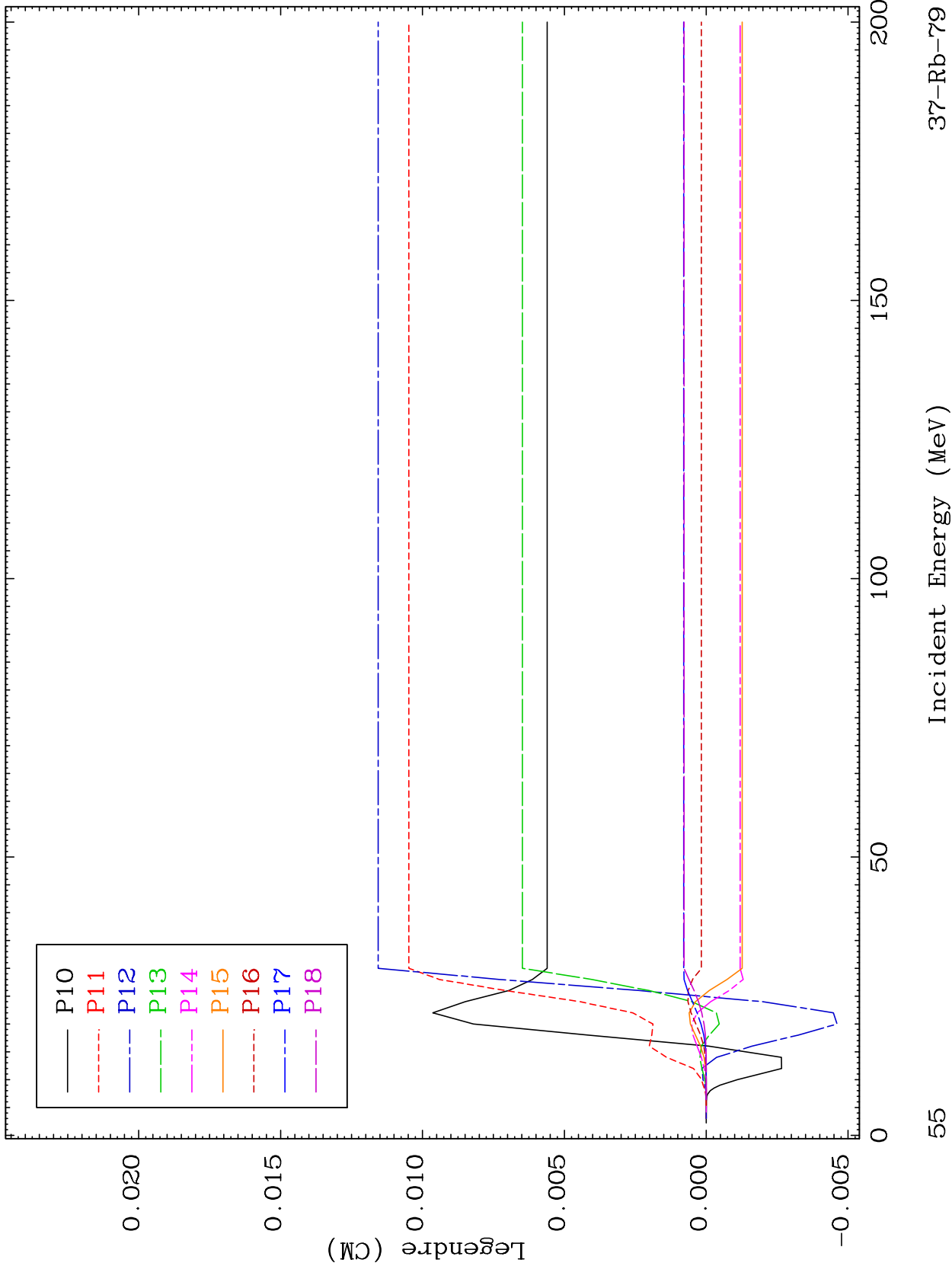
Incident Energy (MeV)

54

MAT 3707

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

37-Rb-79



55

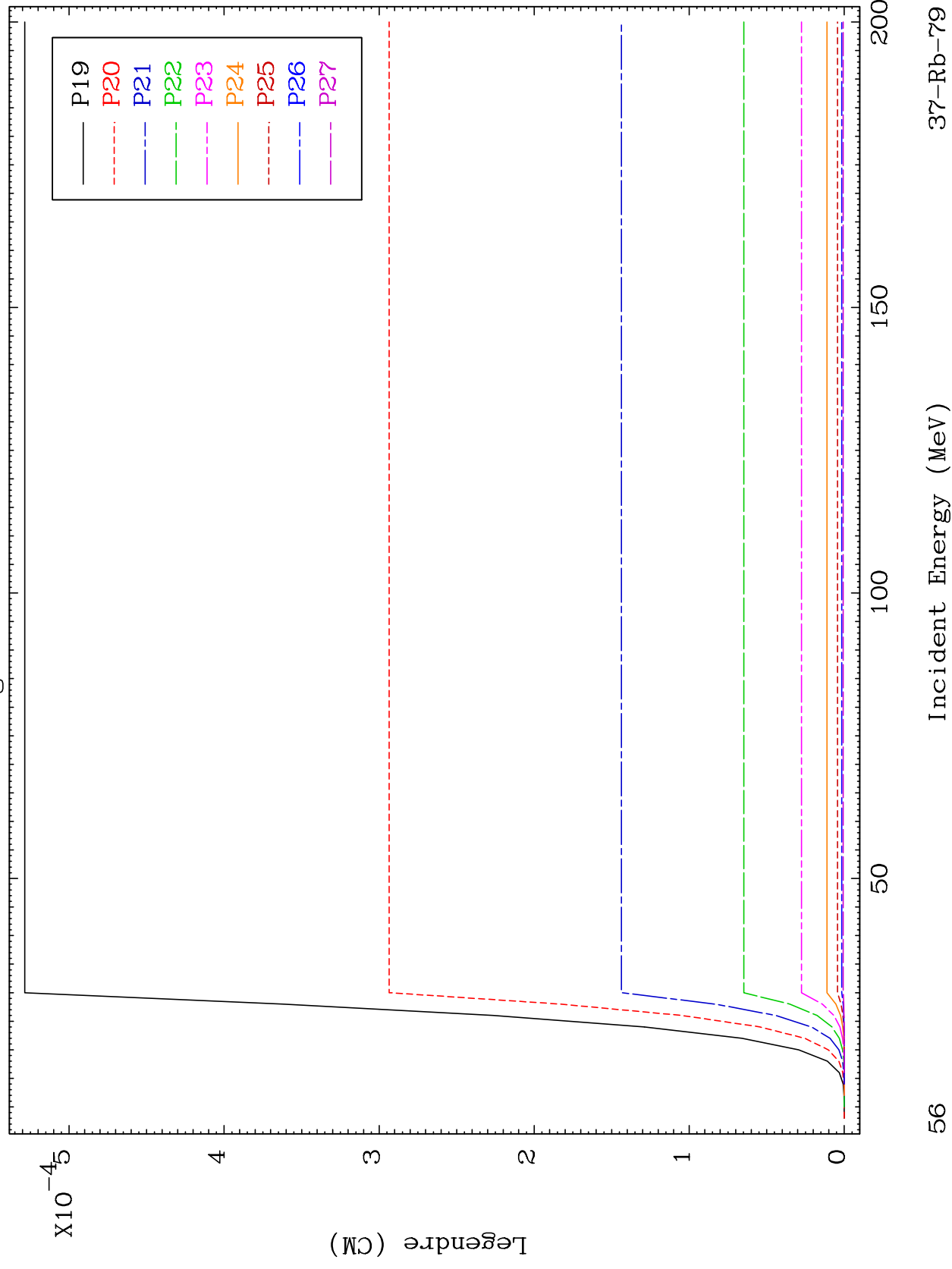
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



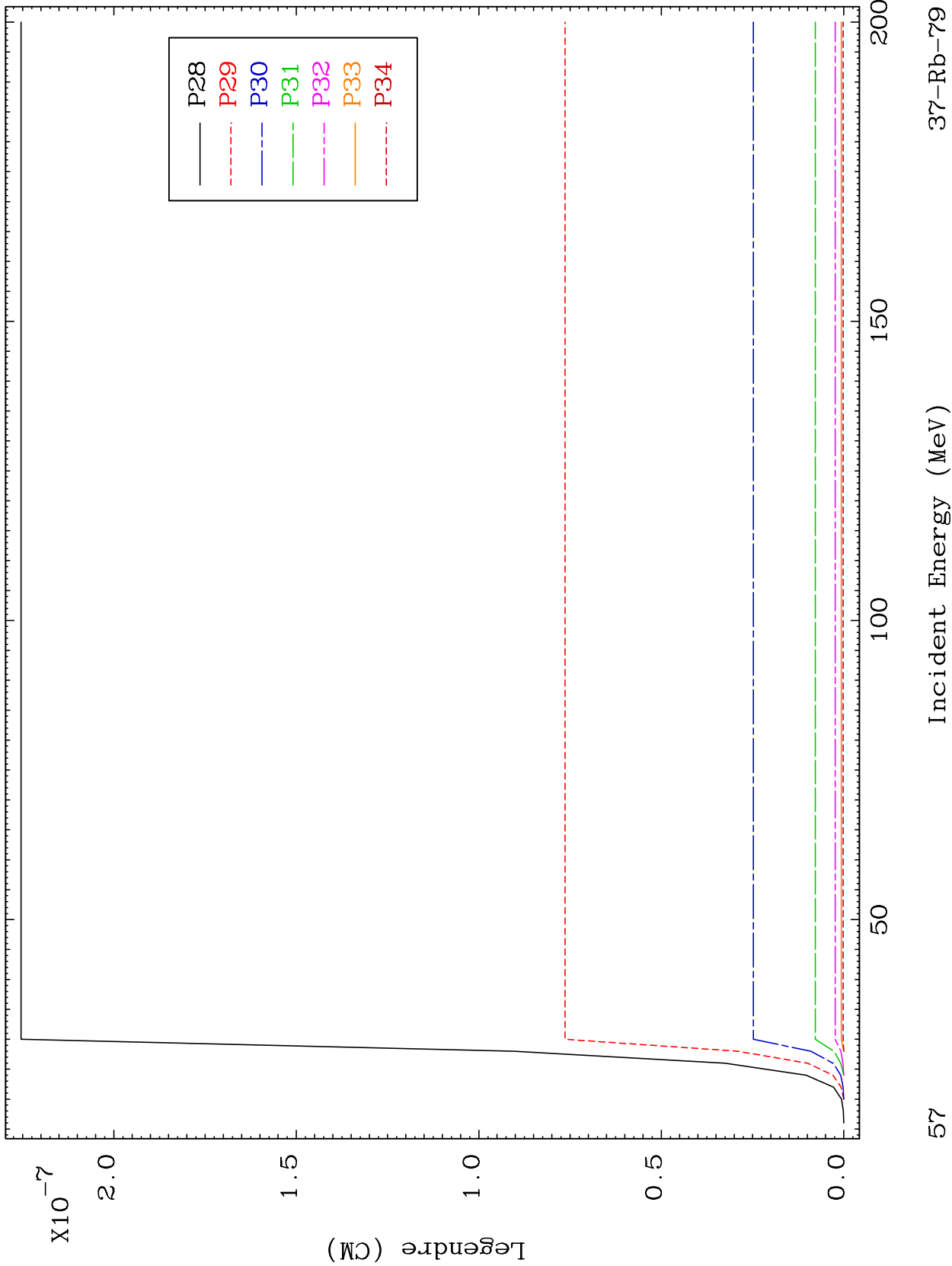
56

37-Rb-79

MAT 3707

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

37-Rb-79



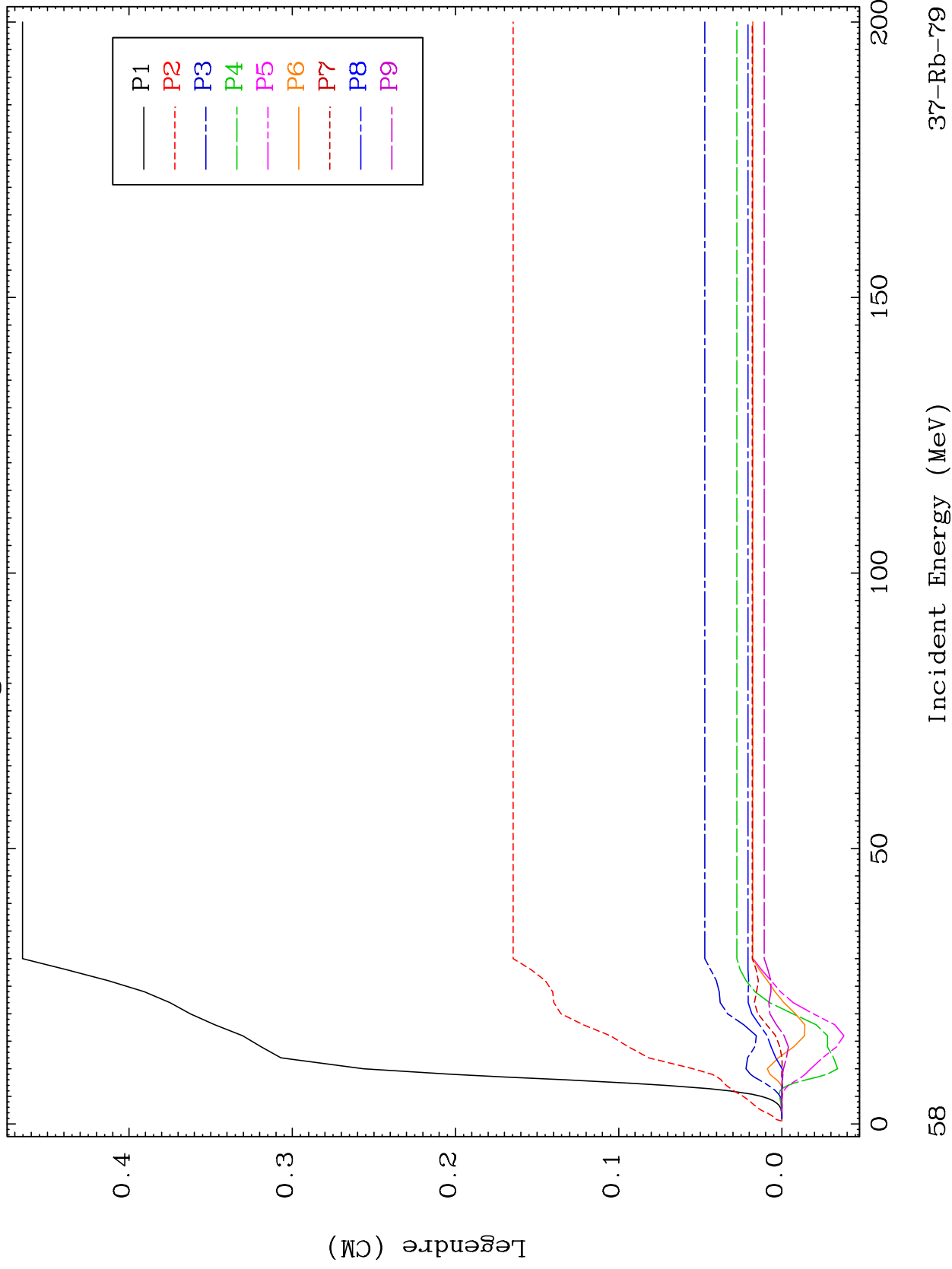
57

37-Rb-79

MAT 3707

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

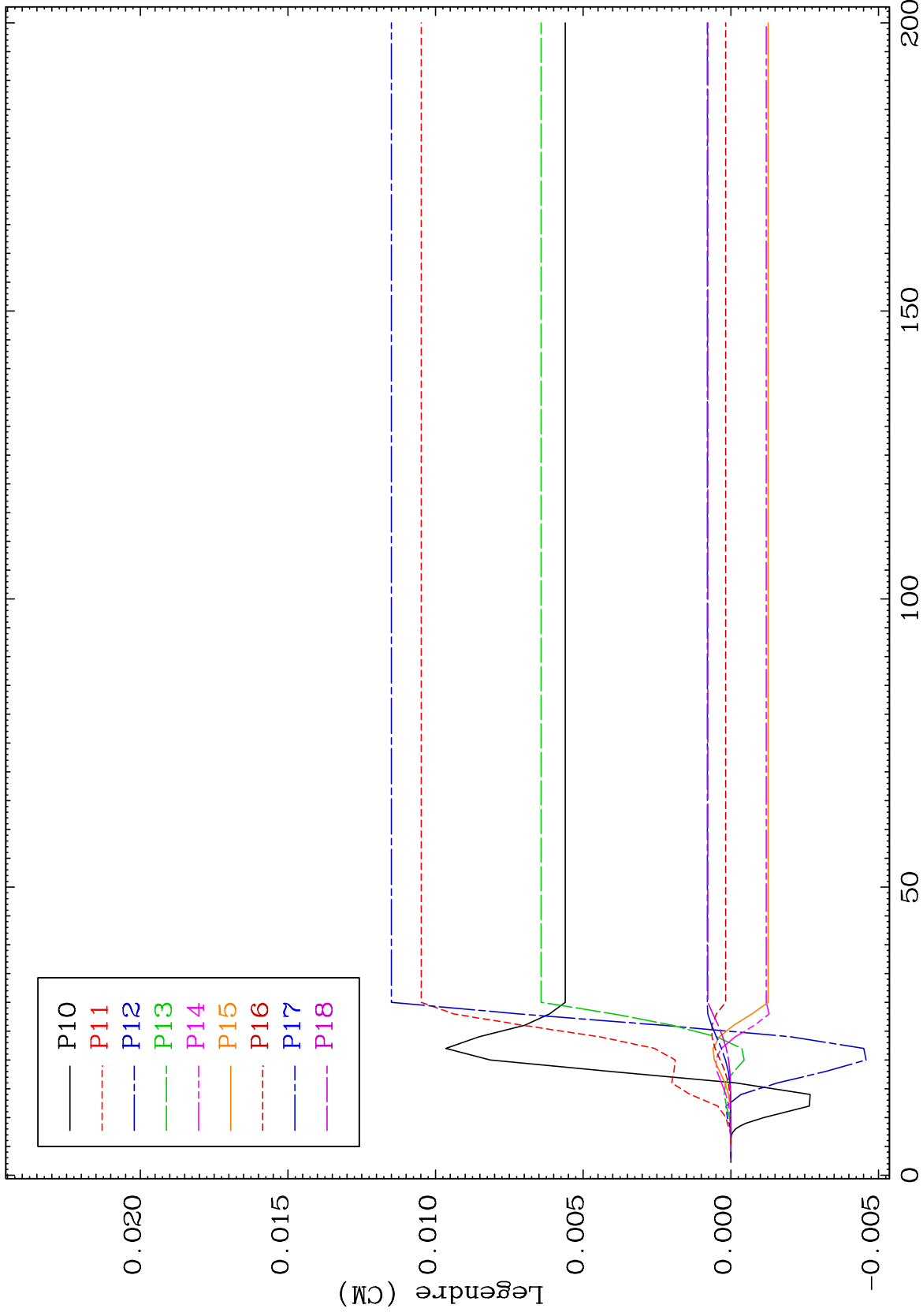
37-Rb-79



37-Rb-79

Incident Energy (MeV)

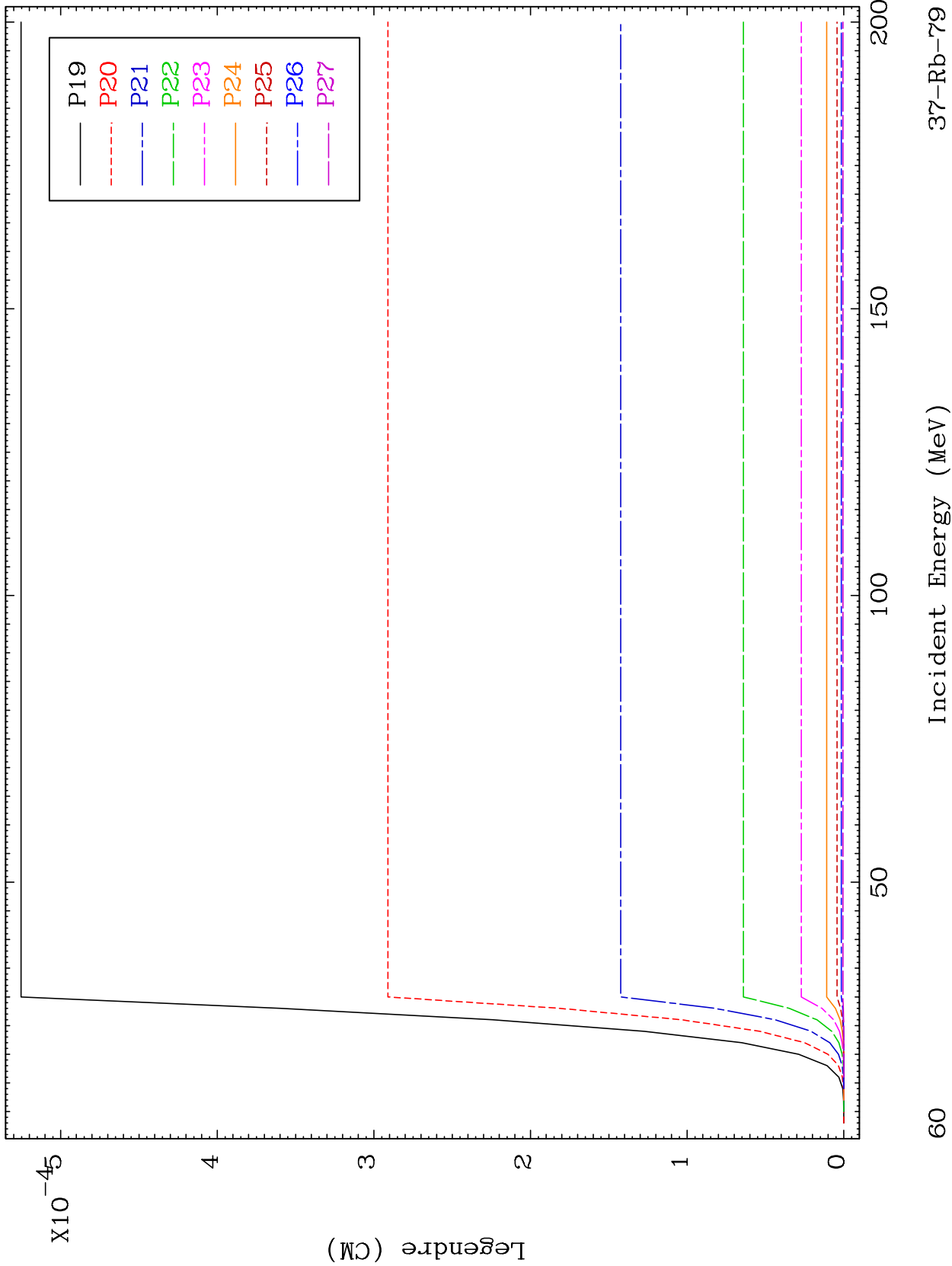
58



MAT 3707

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

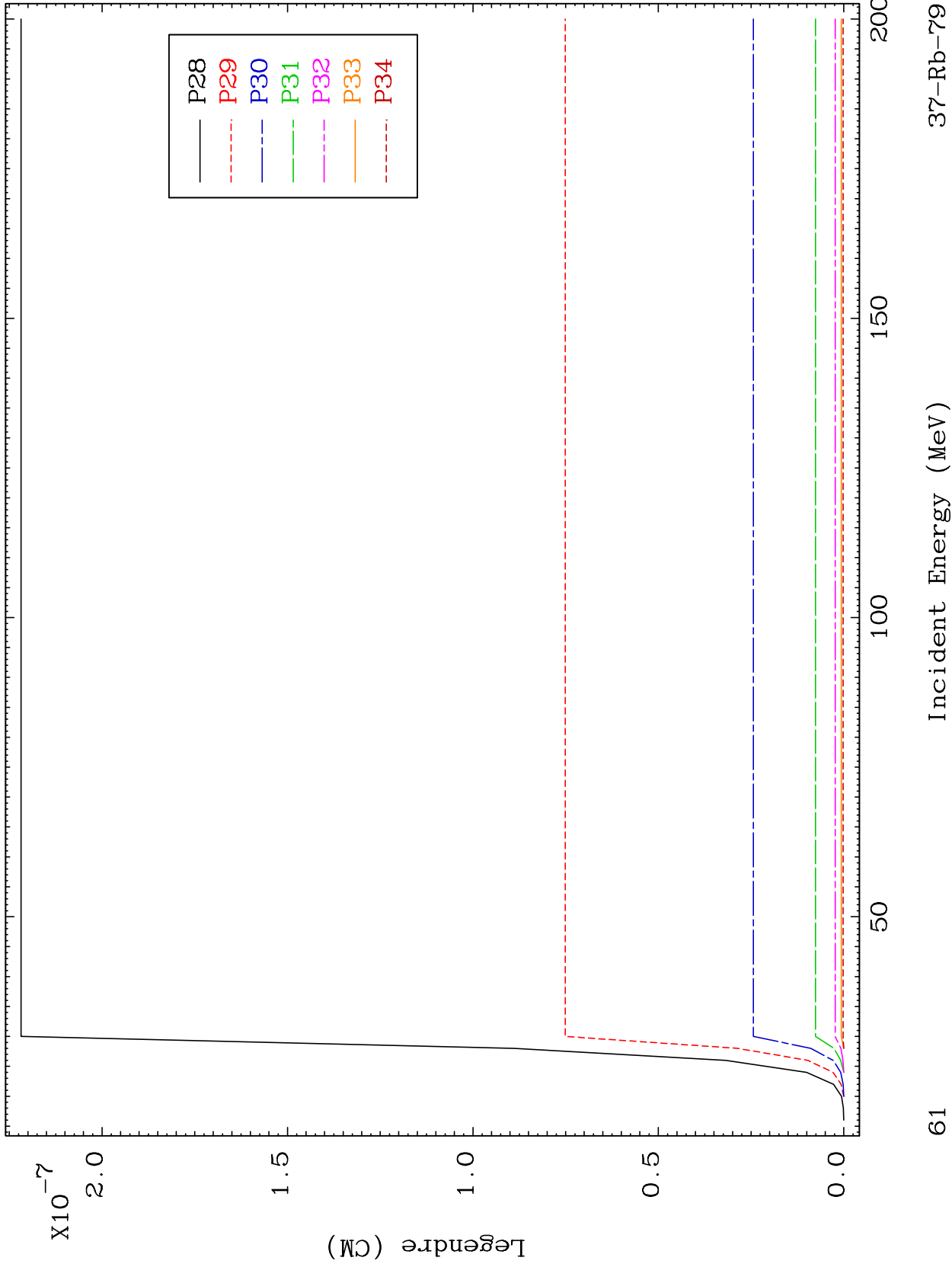
37-Rb-79



MAT 3707

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

37-Rb-79



61

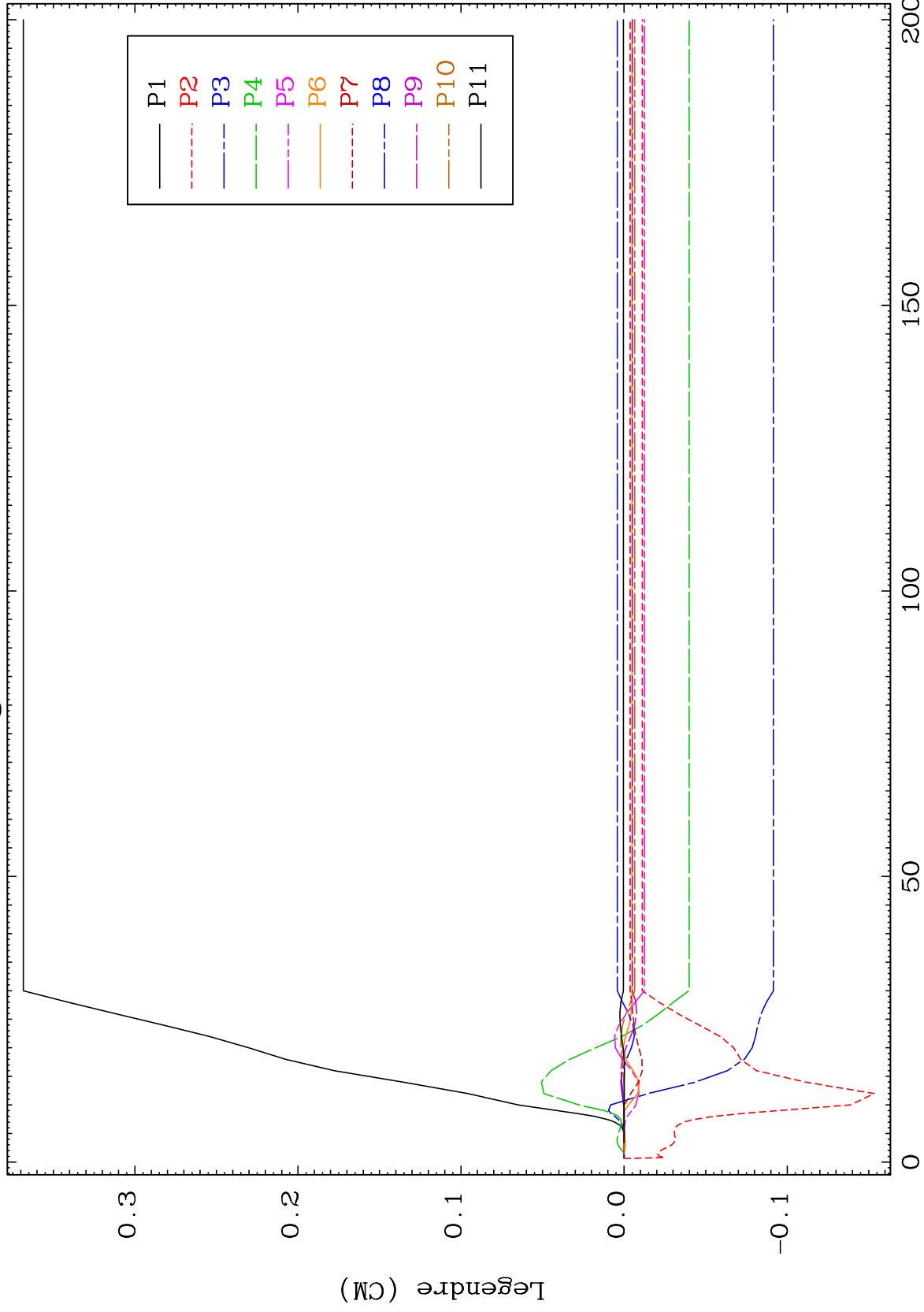
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

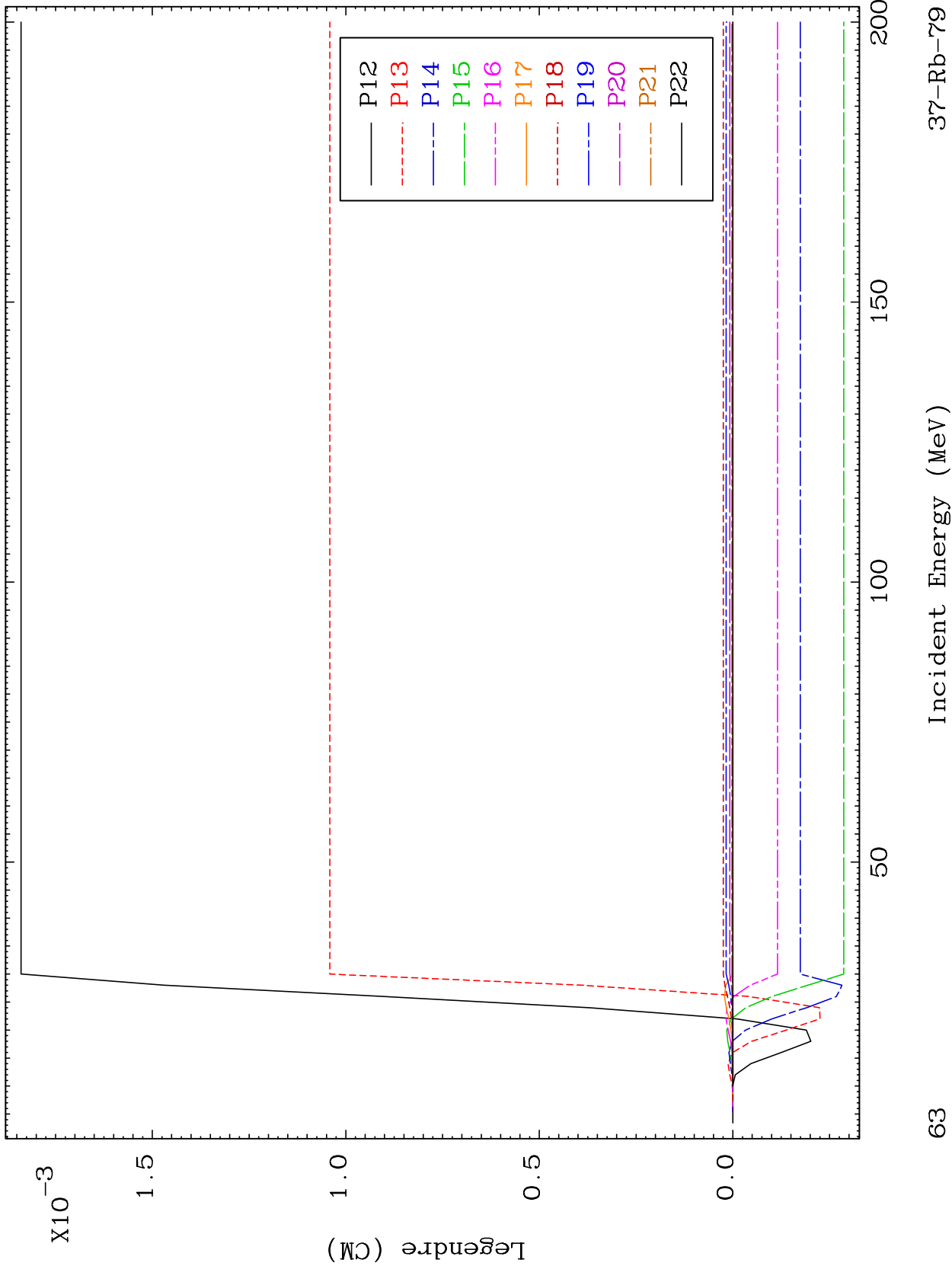
37-Rb-79



62

Incident Energy (MeV)

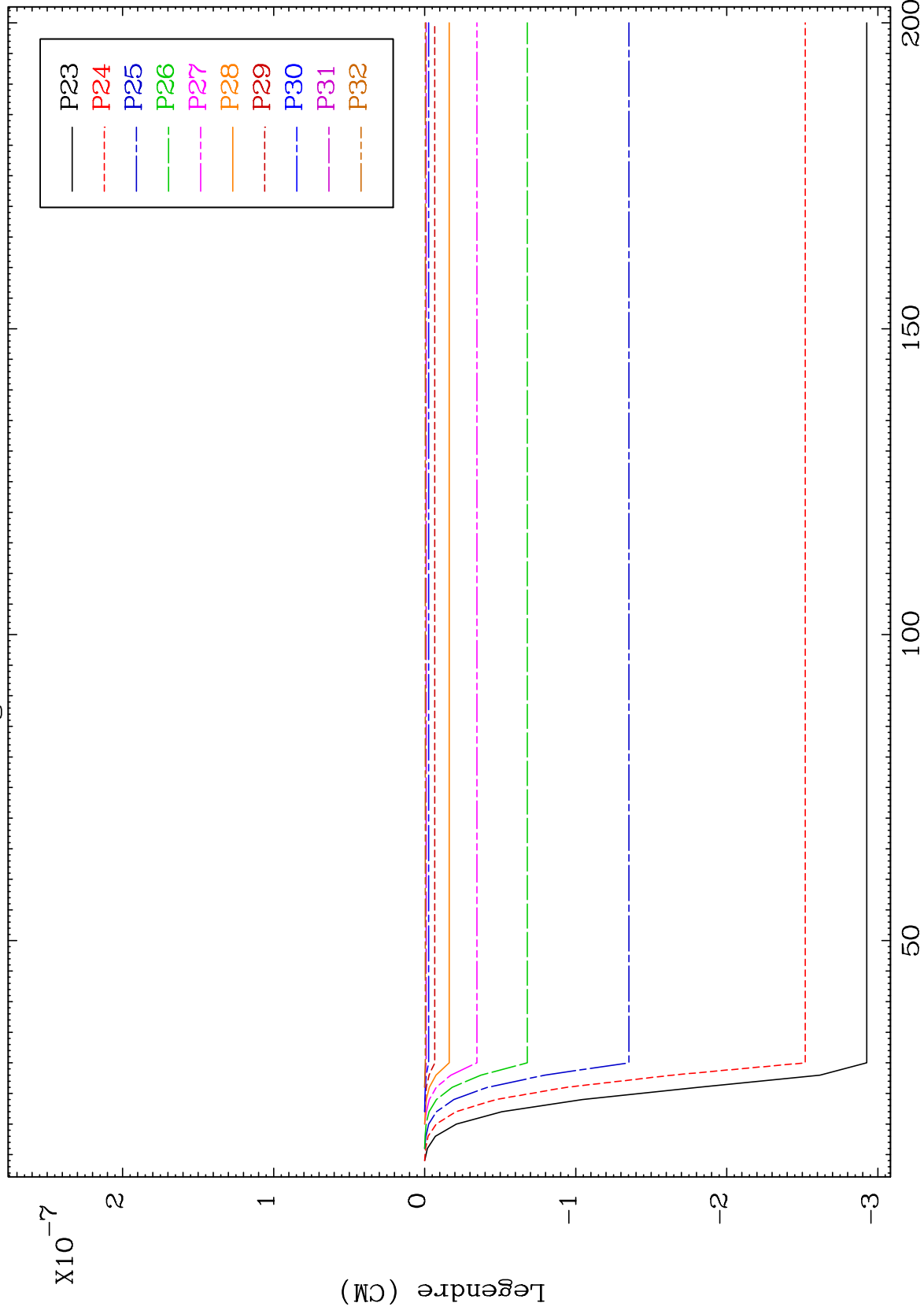
37-Rb-79



MAT 3707

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

37-Rb-79



64

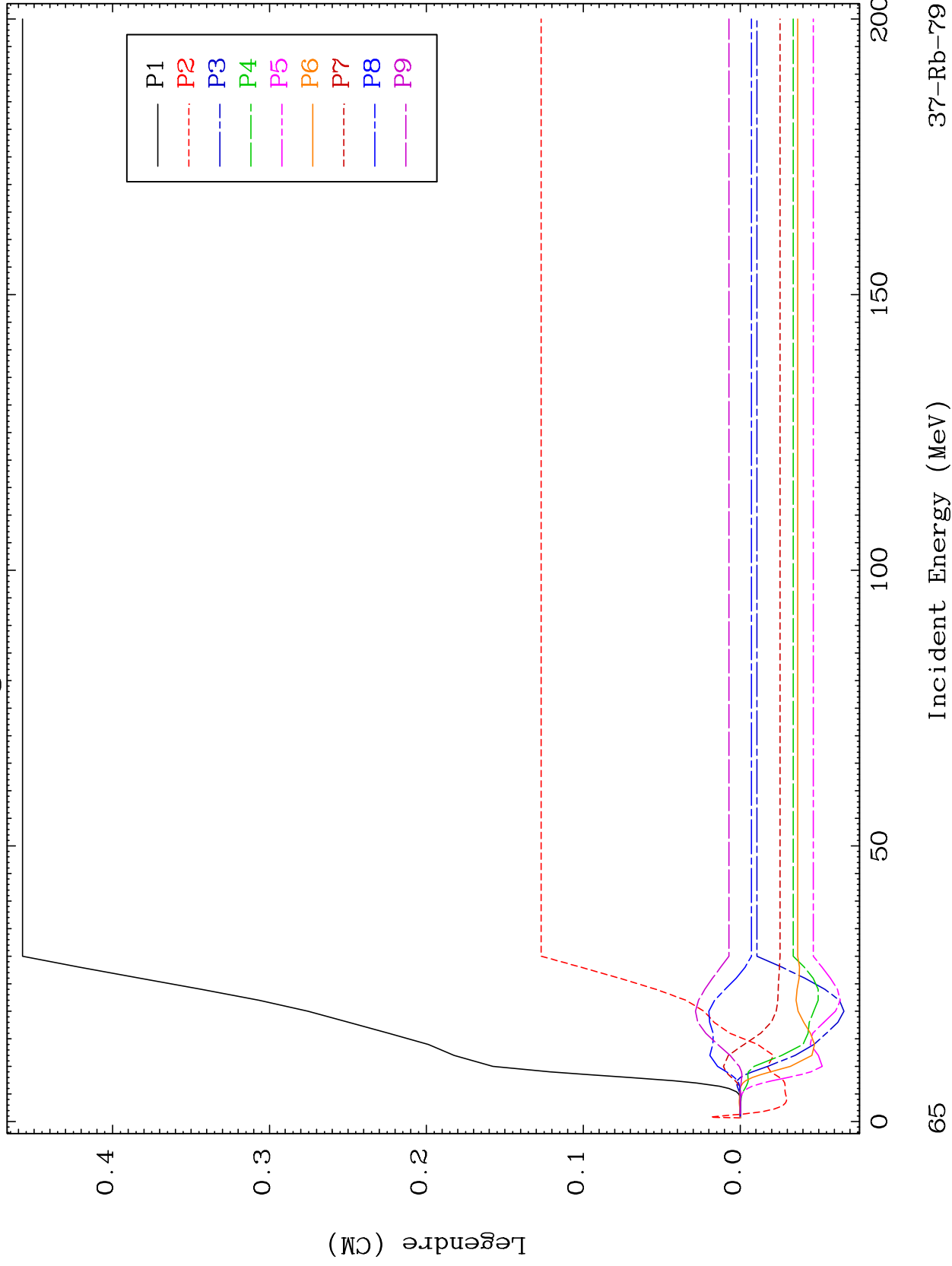
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



37-Rb-79

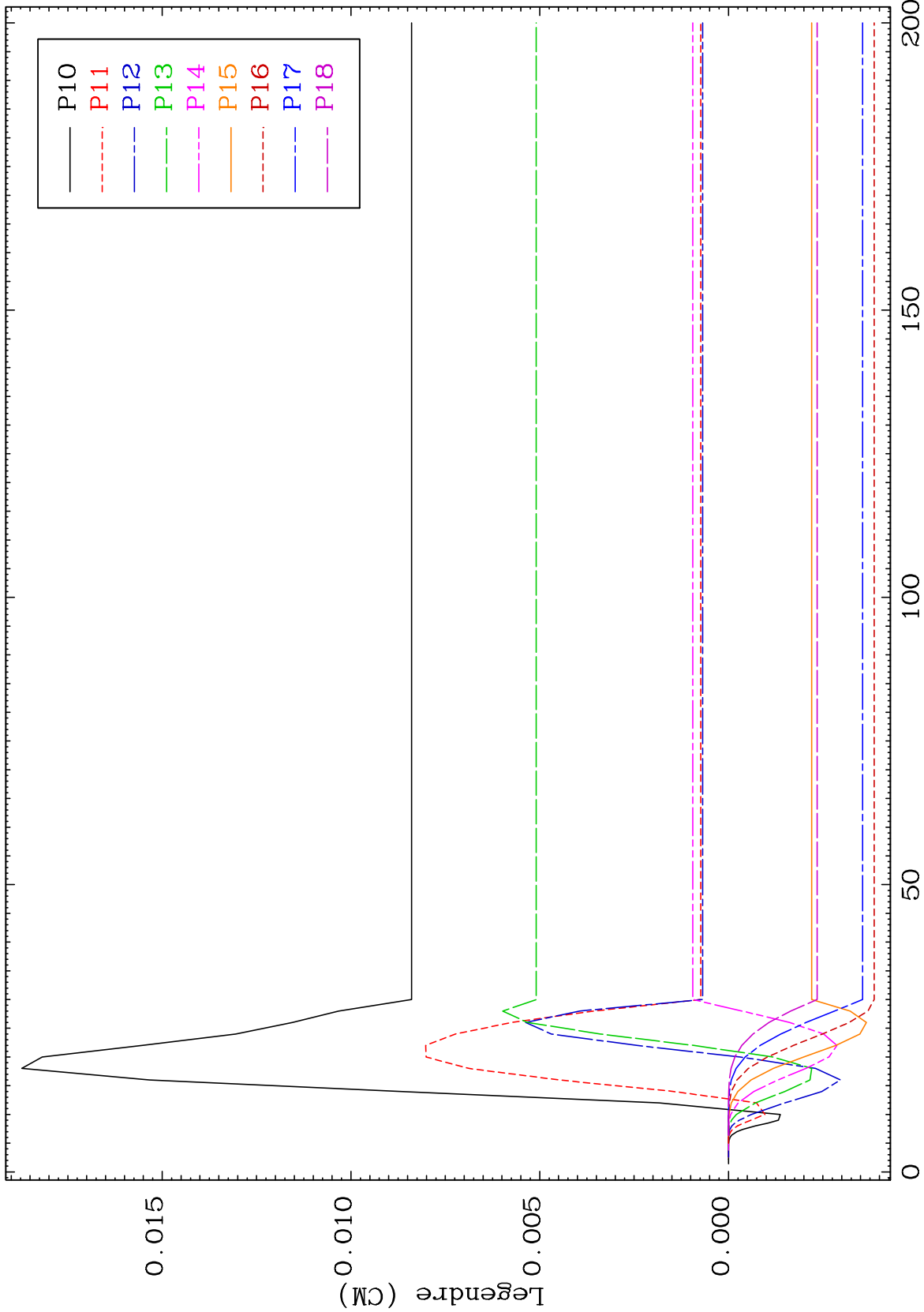
Incident Energy (MeV)

65

MAT 3707

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

37-Rb-79



66

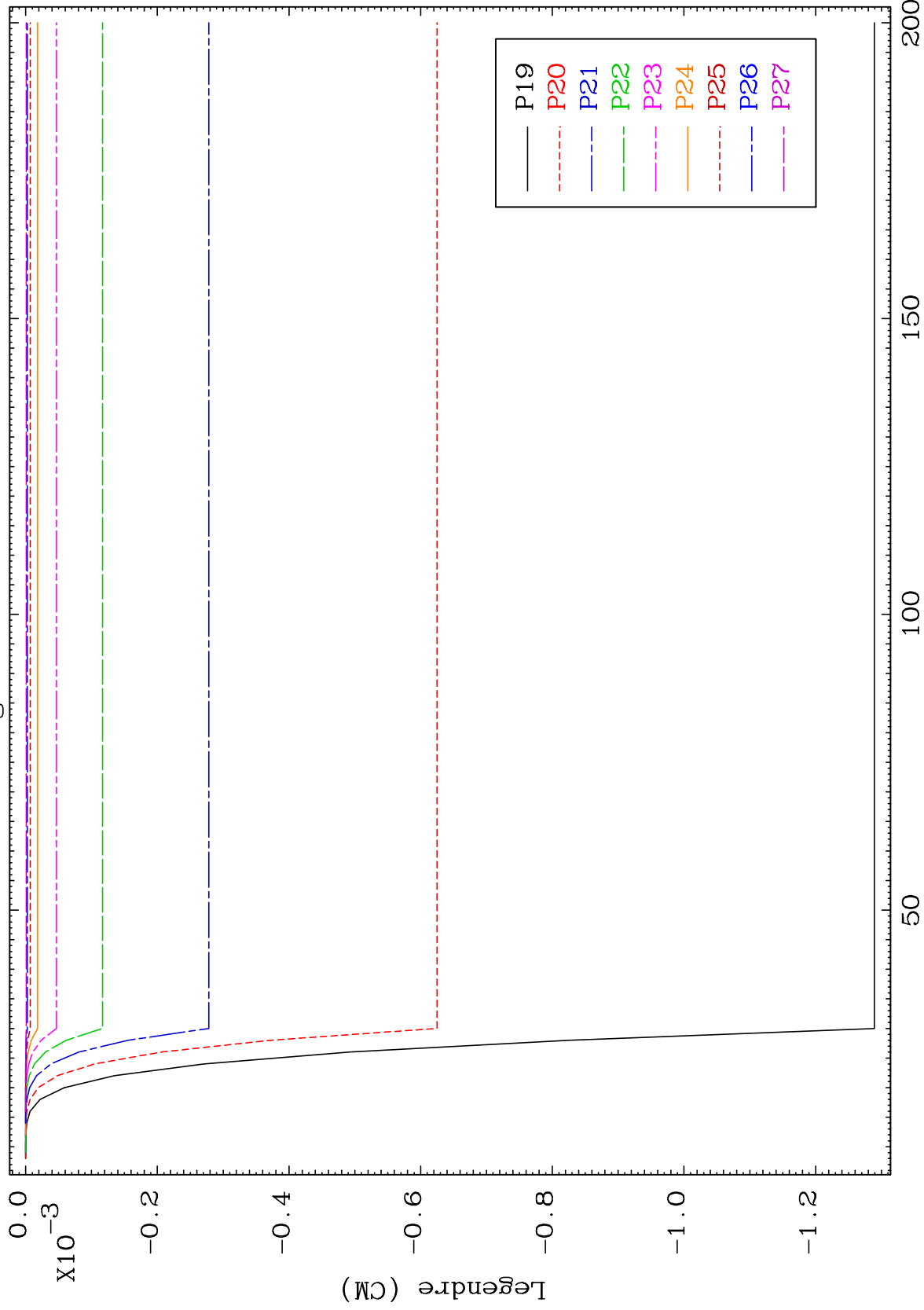
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



67

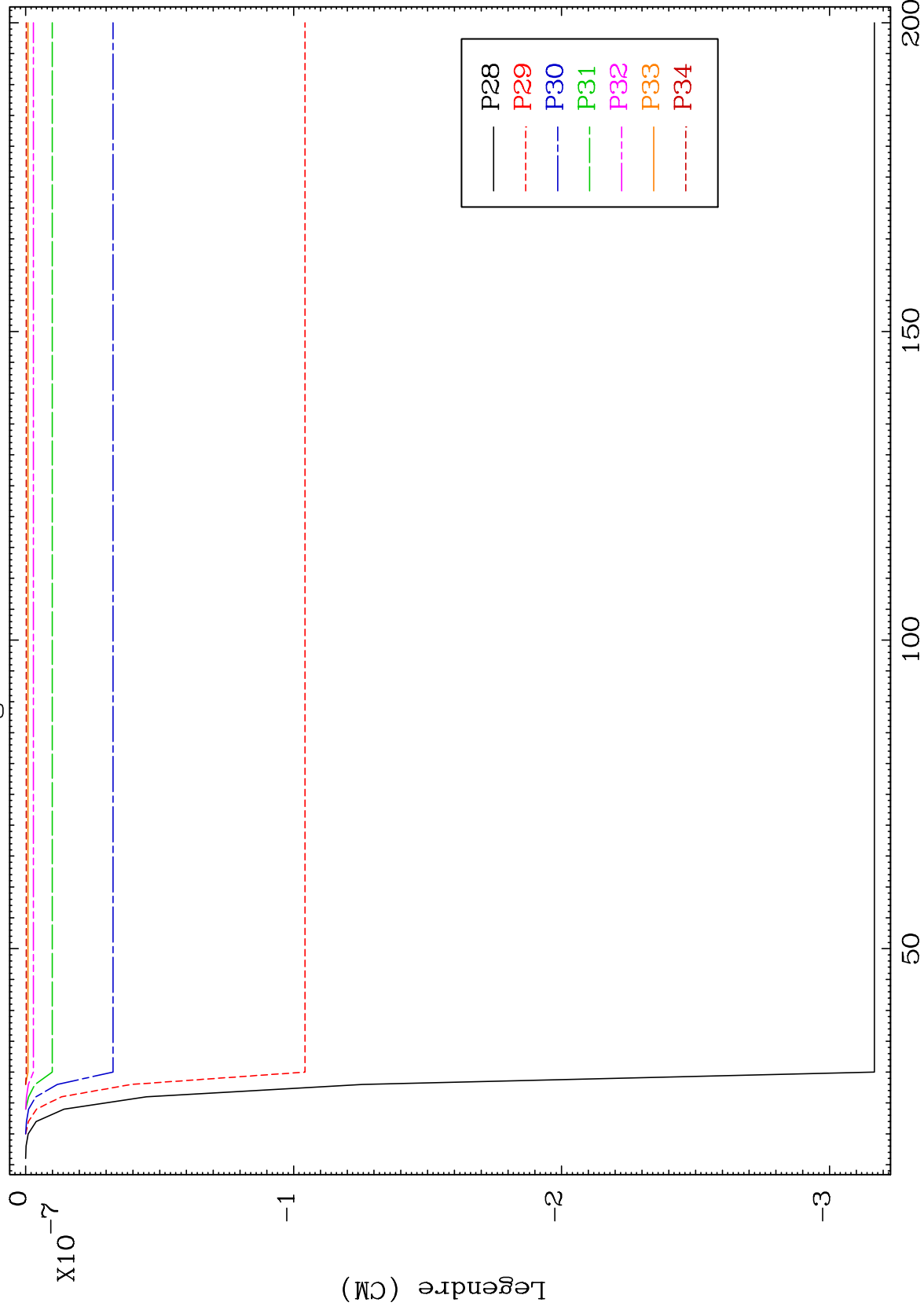
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



68

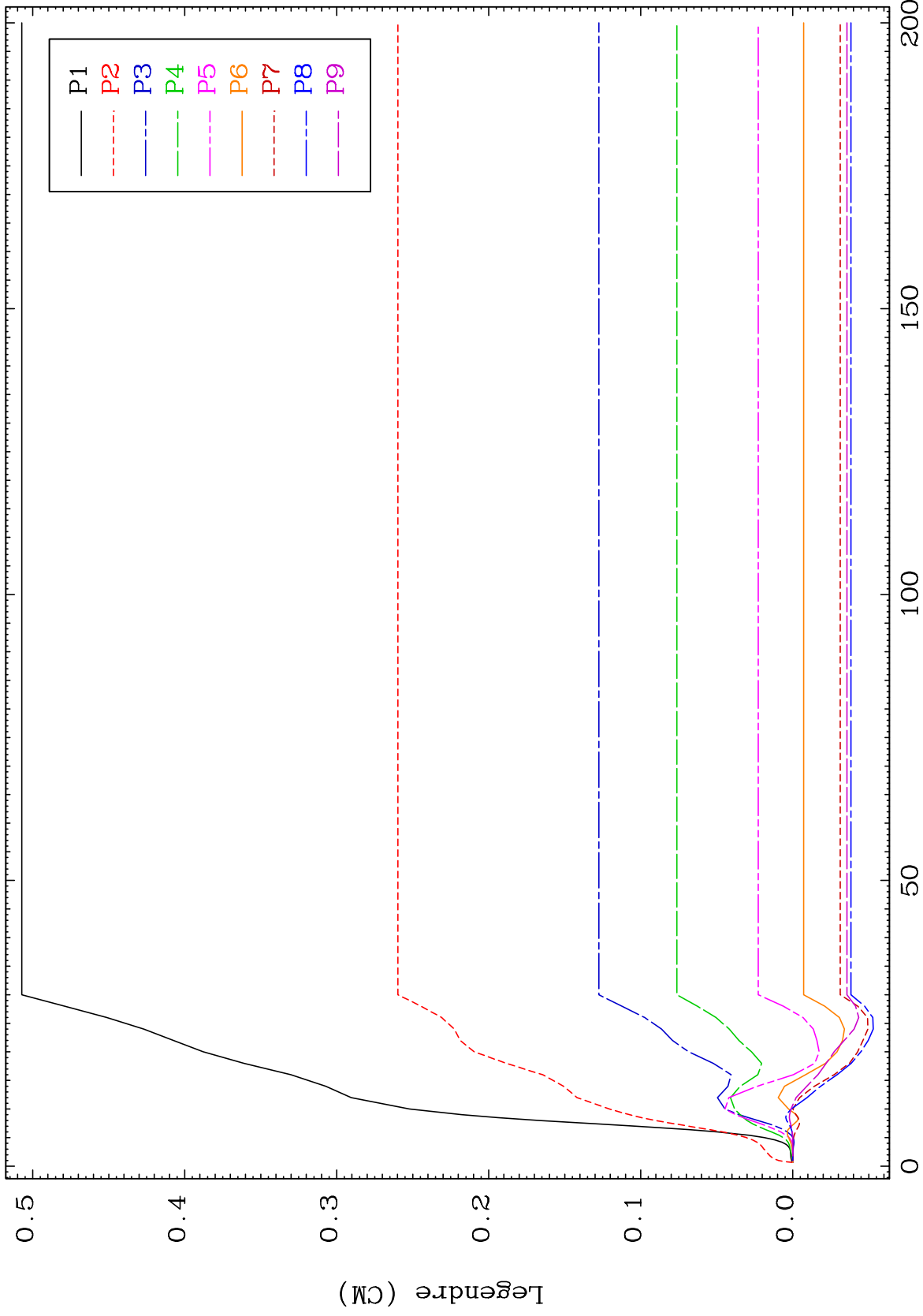
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



69

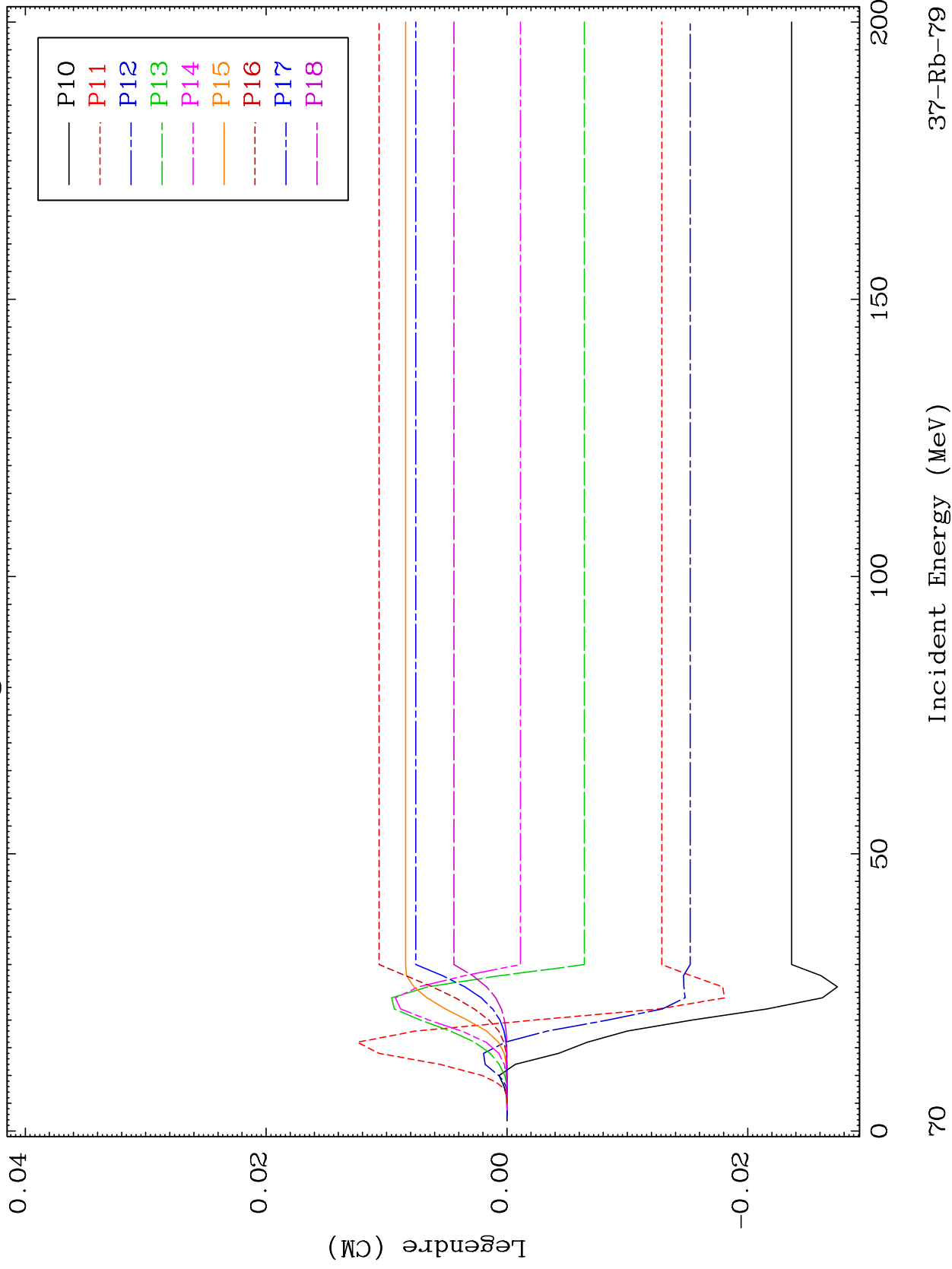
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



37-Rb-79

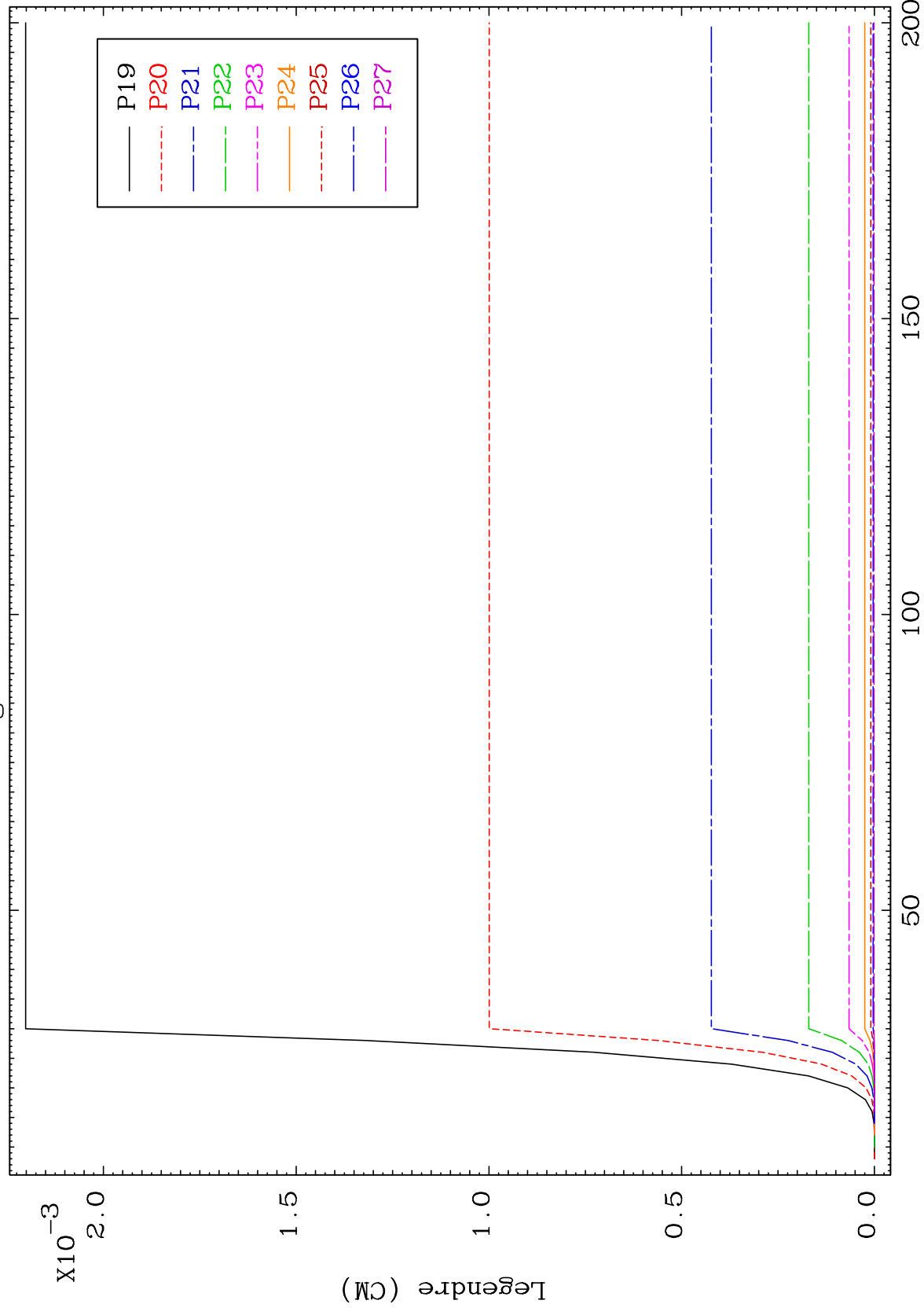
Incident Energy (MeV)

70

MAT 3707

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

37-Rb-79



71

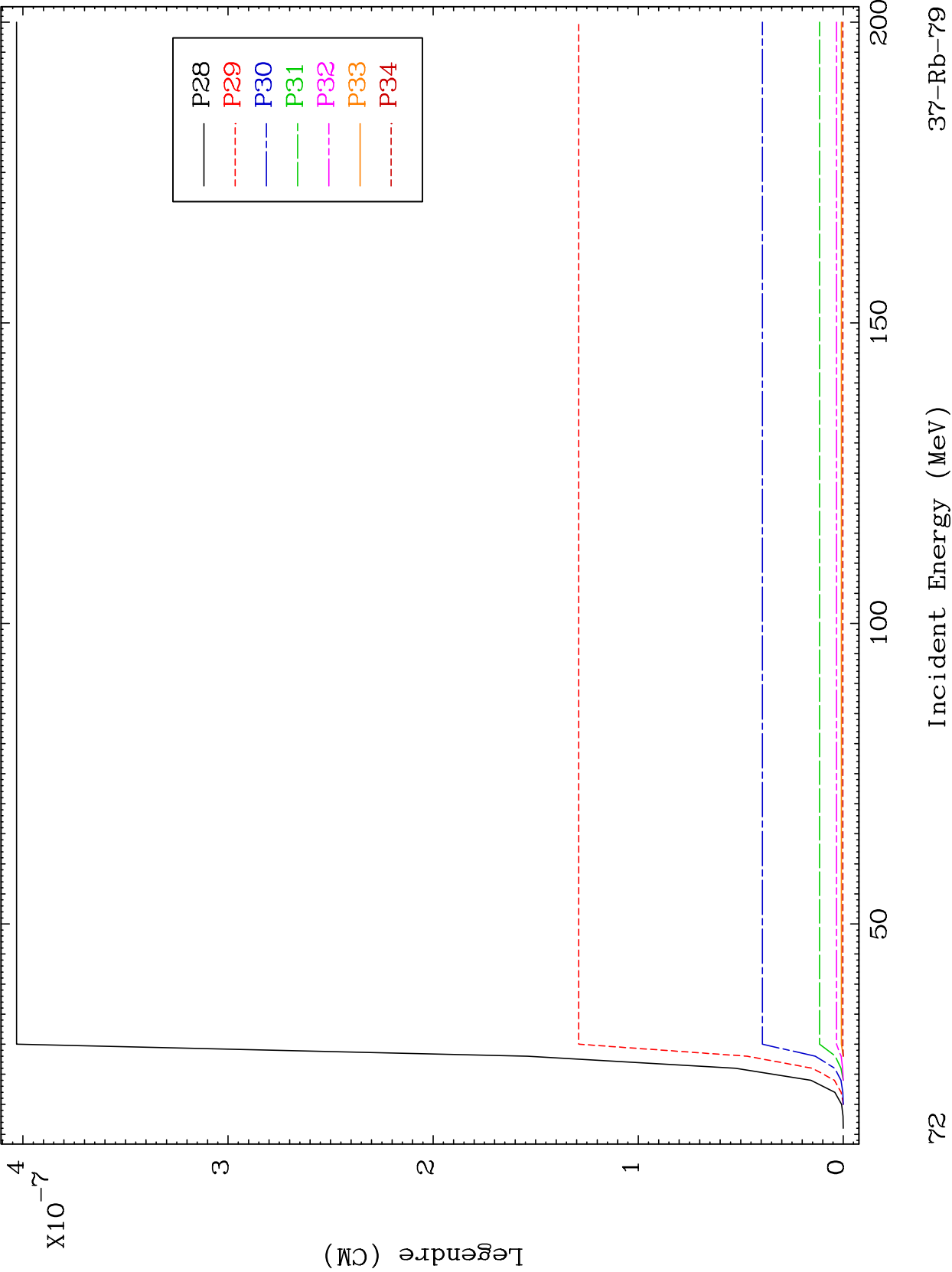
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



72

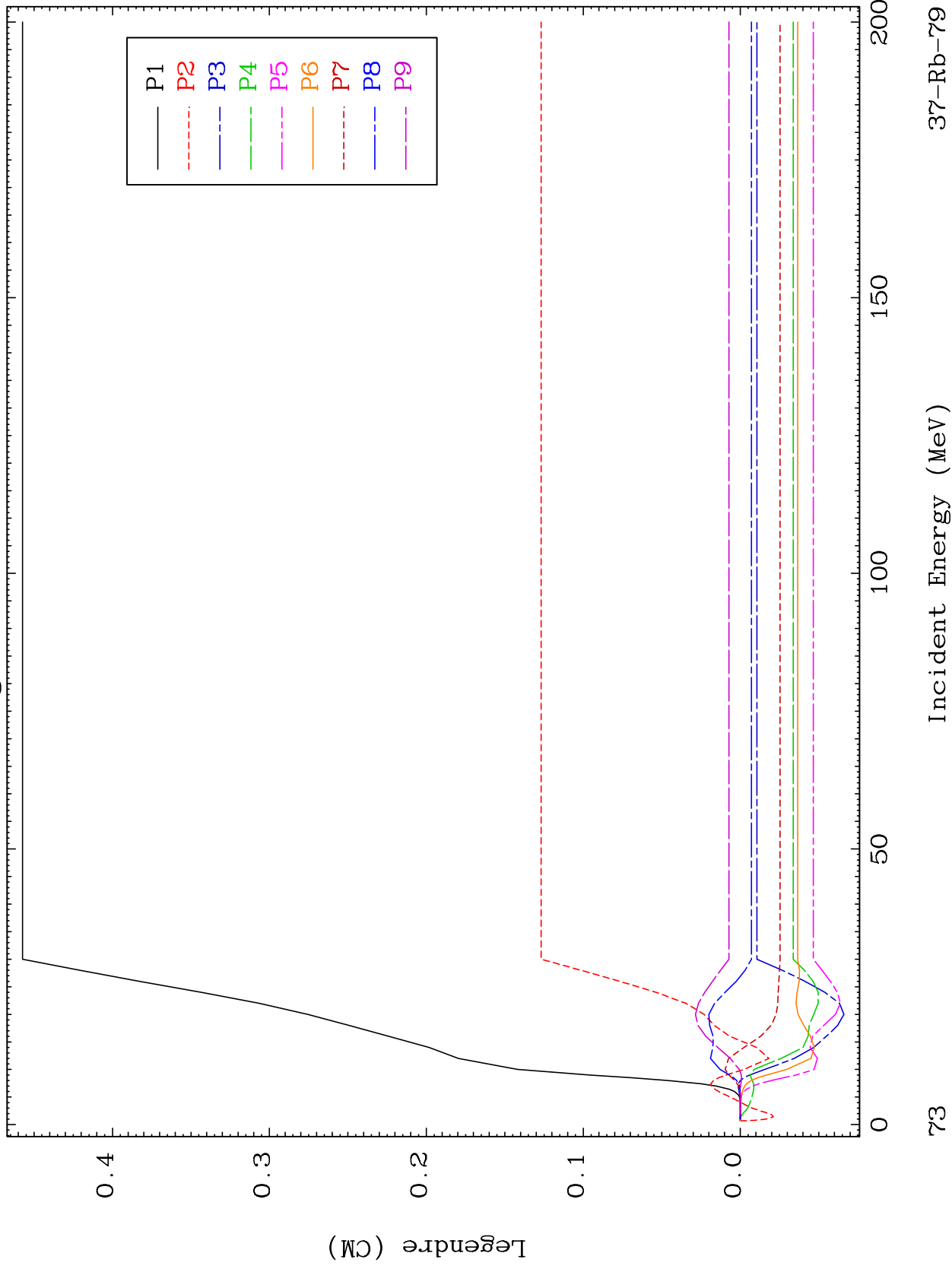
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



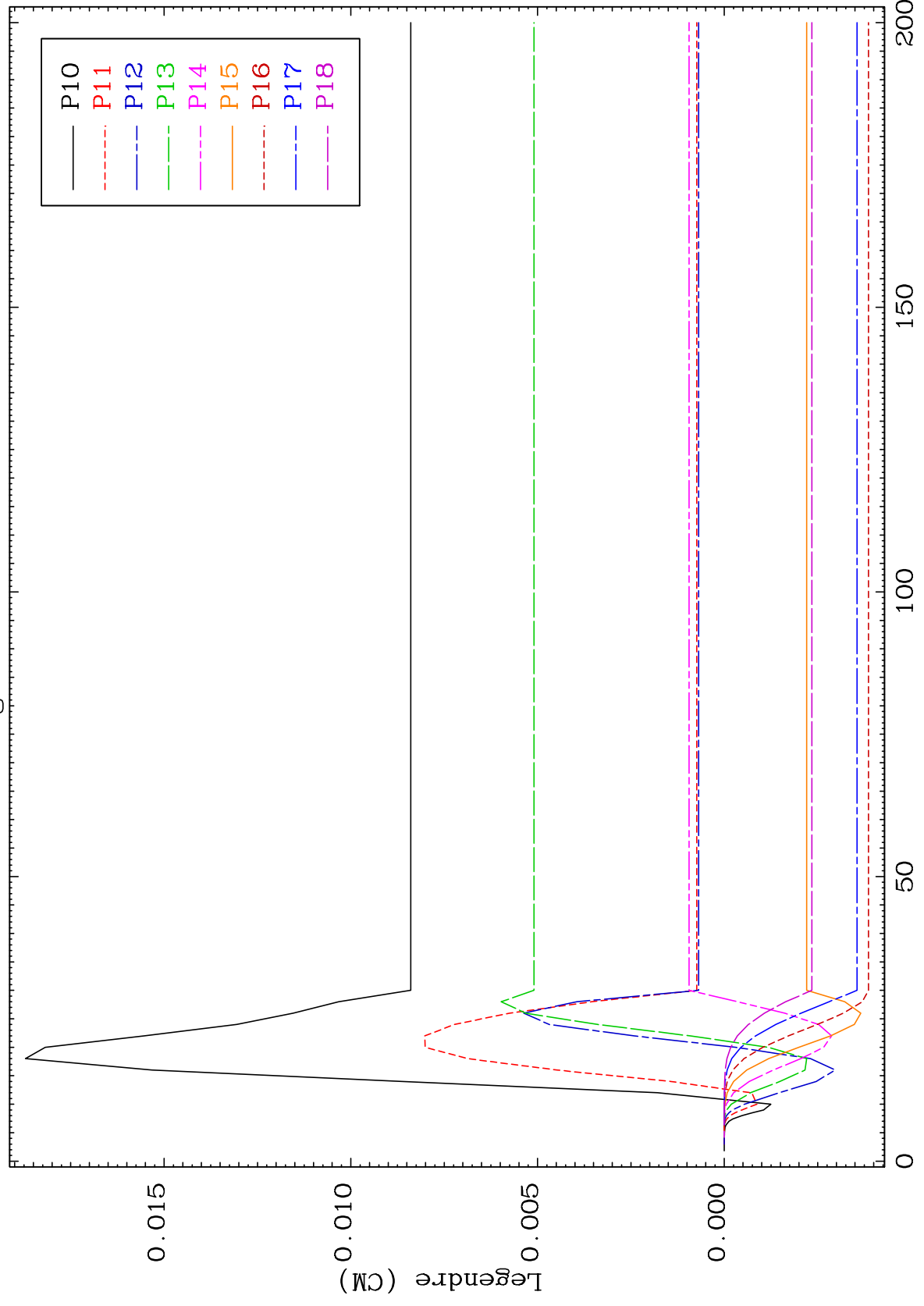
73

37-Rb-79

MAT 3707

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

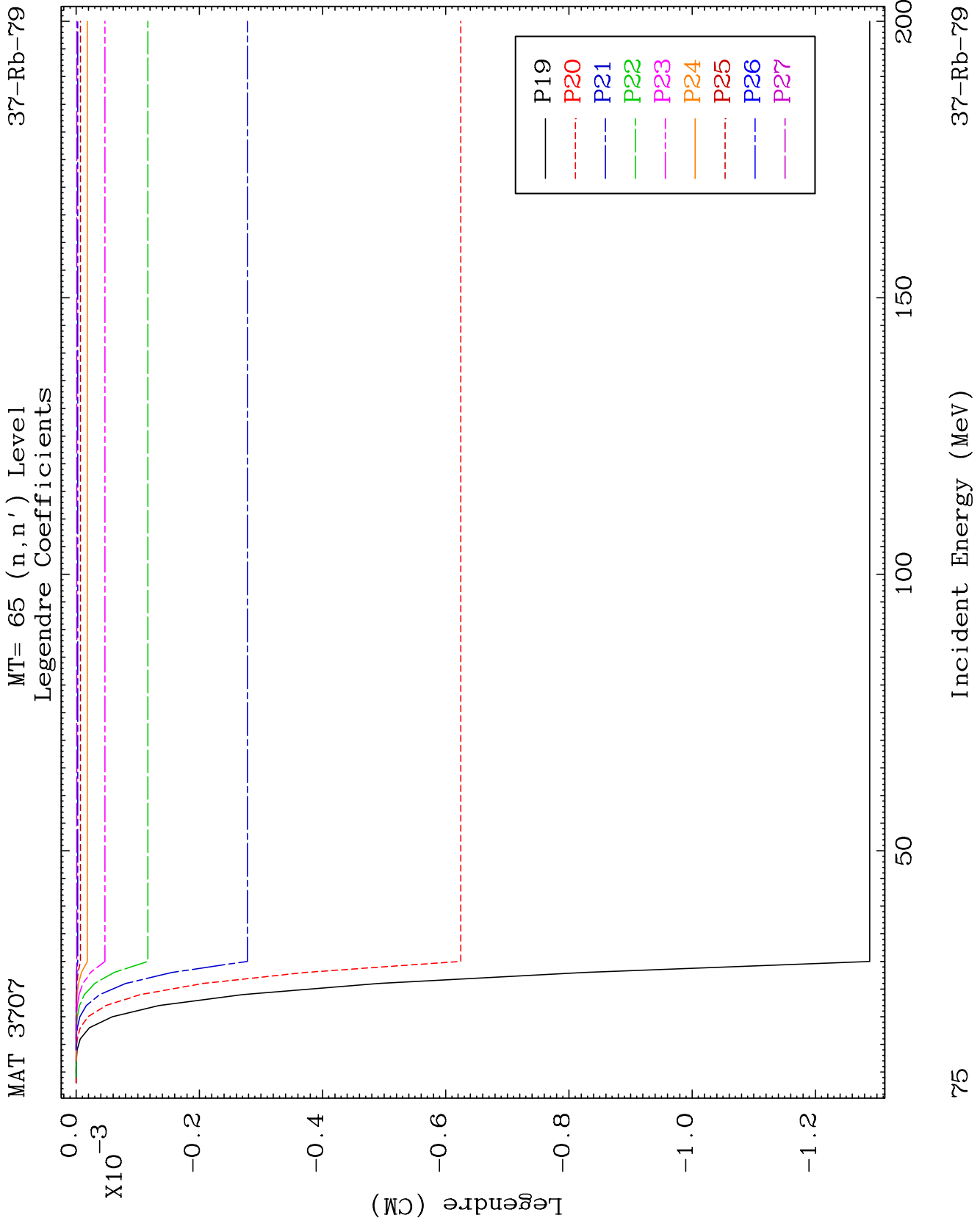
37-Rb-79



74

Incident Energy (MeV)

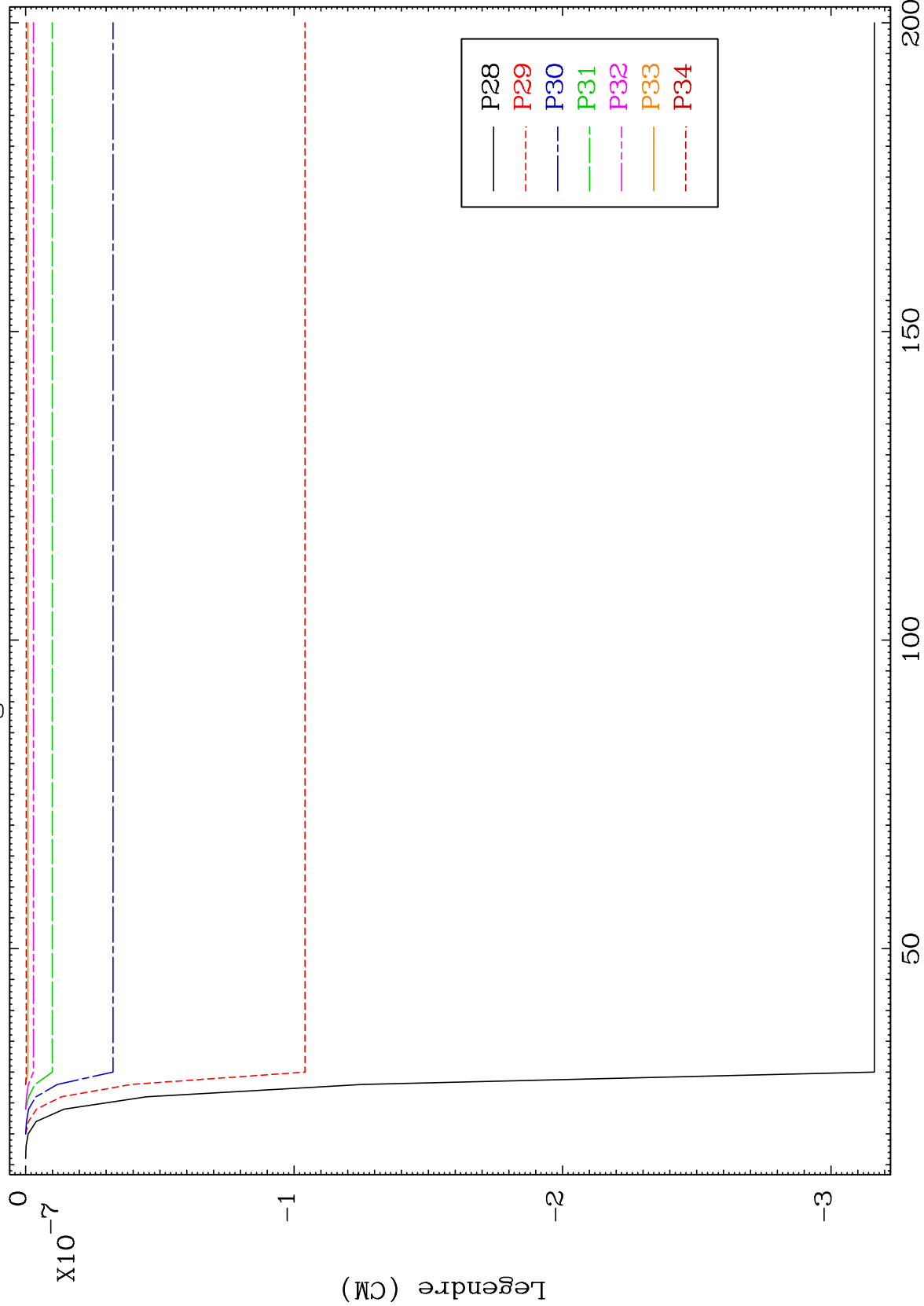
37-Rb-79



MAT 3707

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

37-Rb-79



76

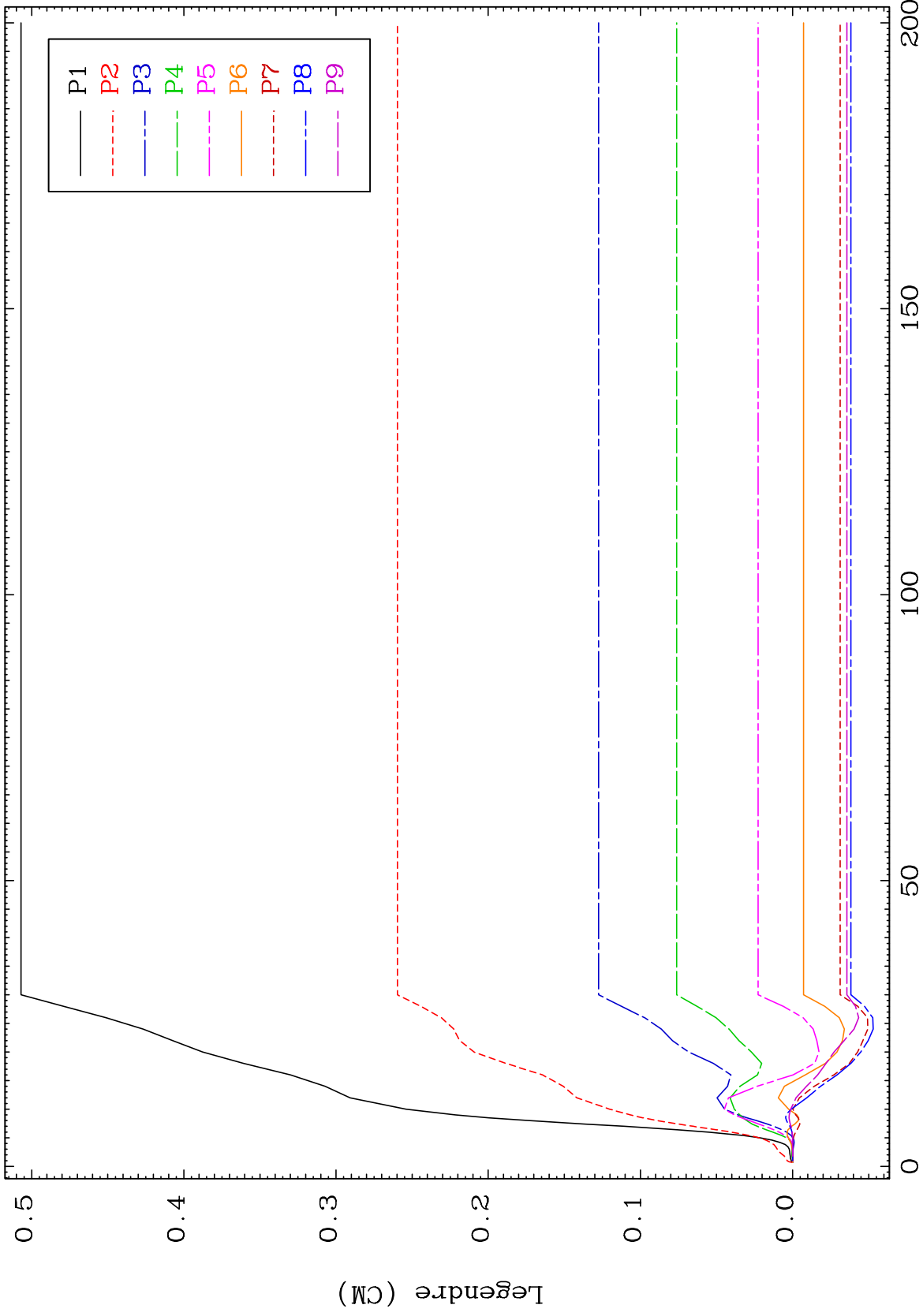
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



77

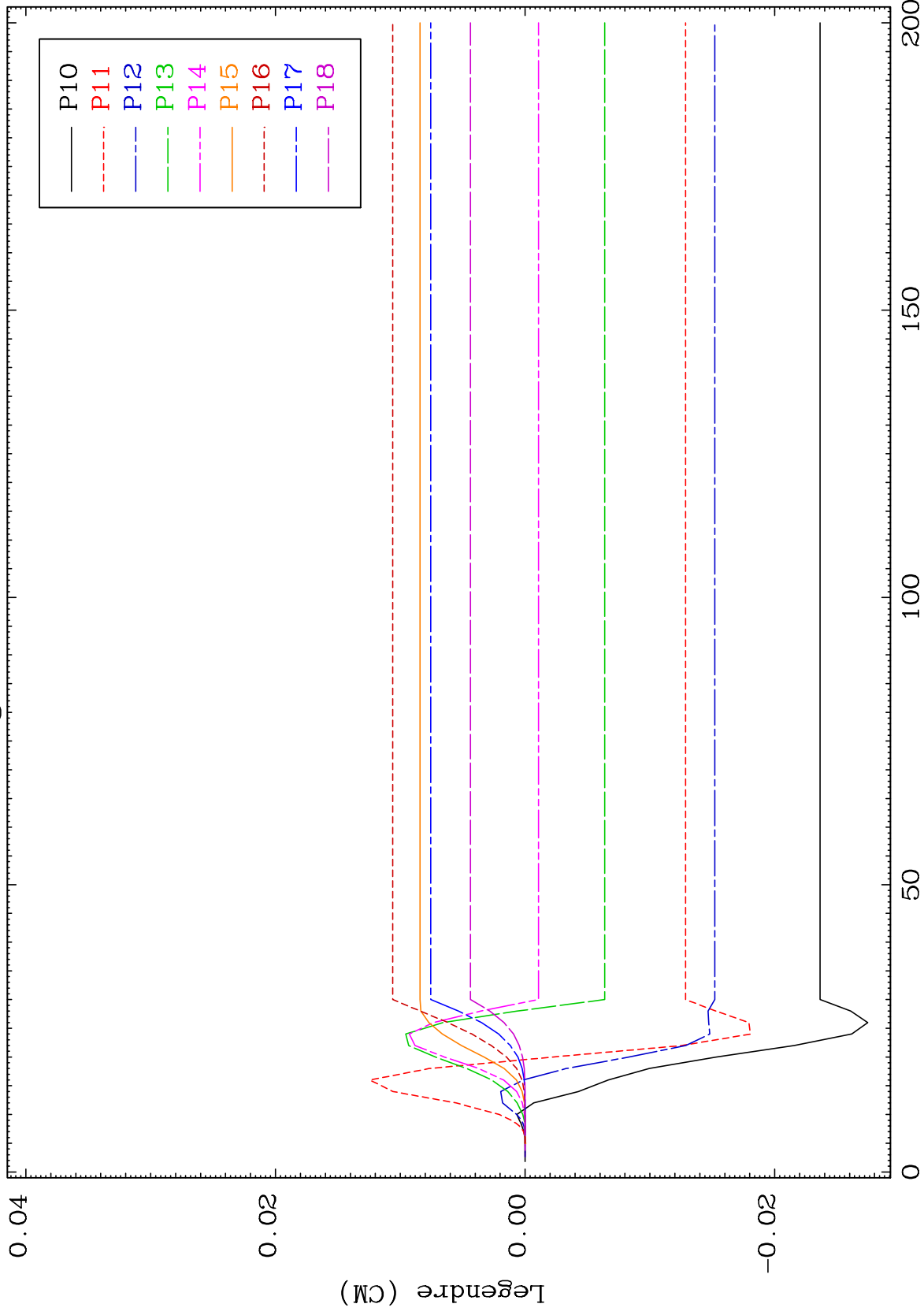
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



78

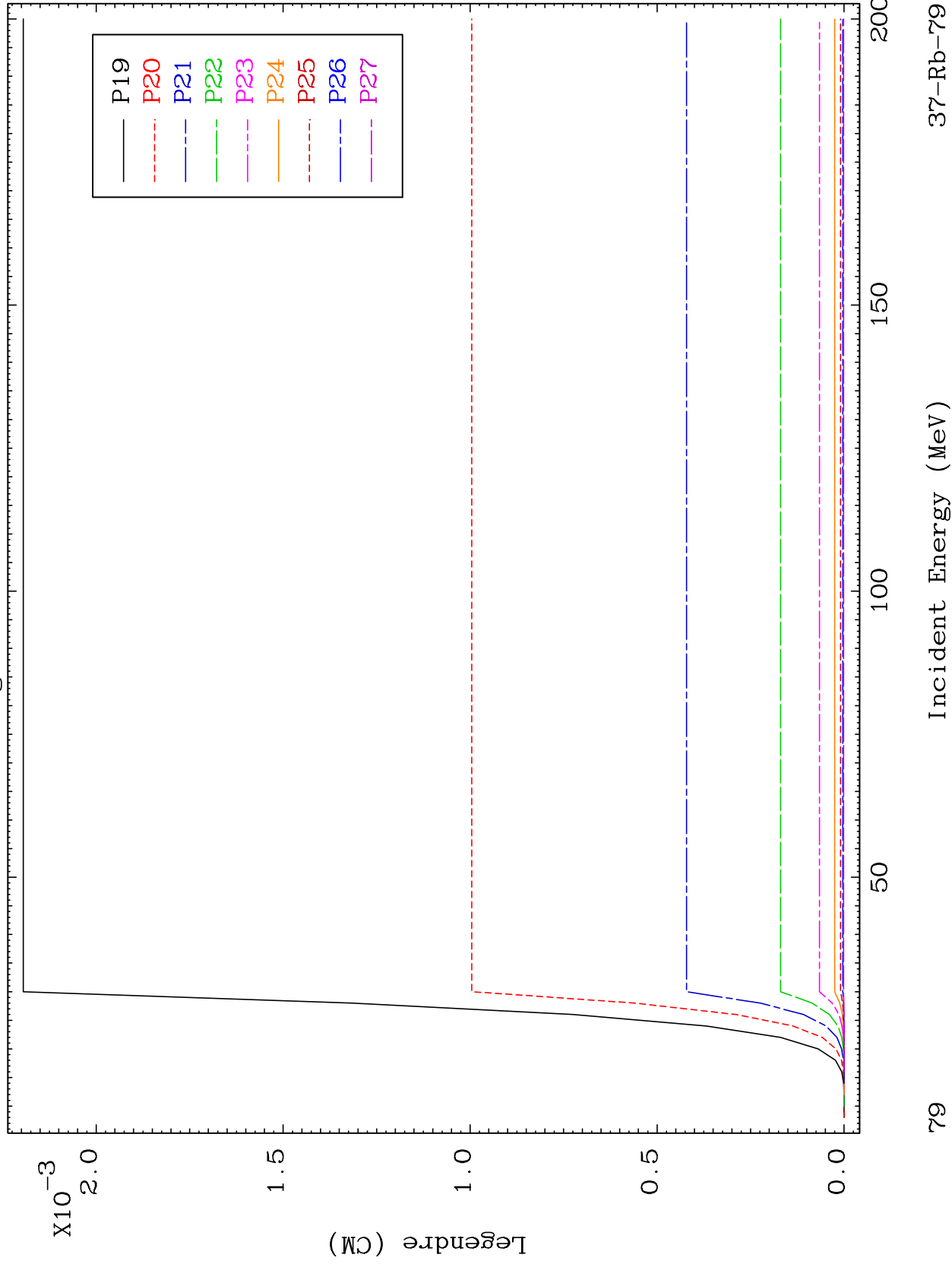
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

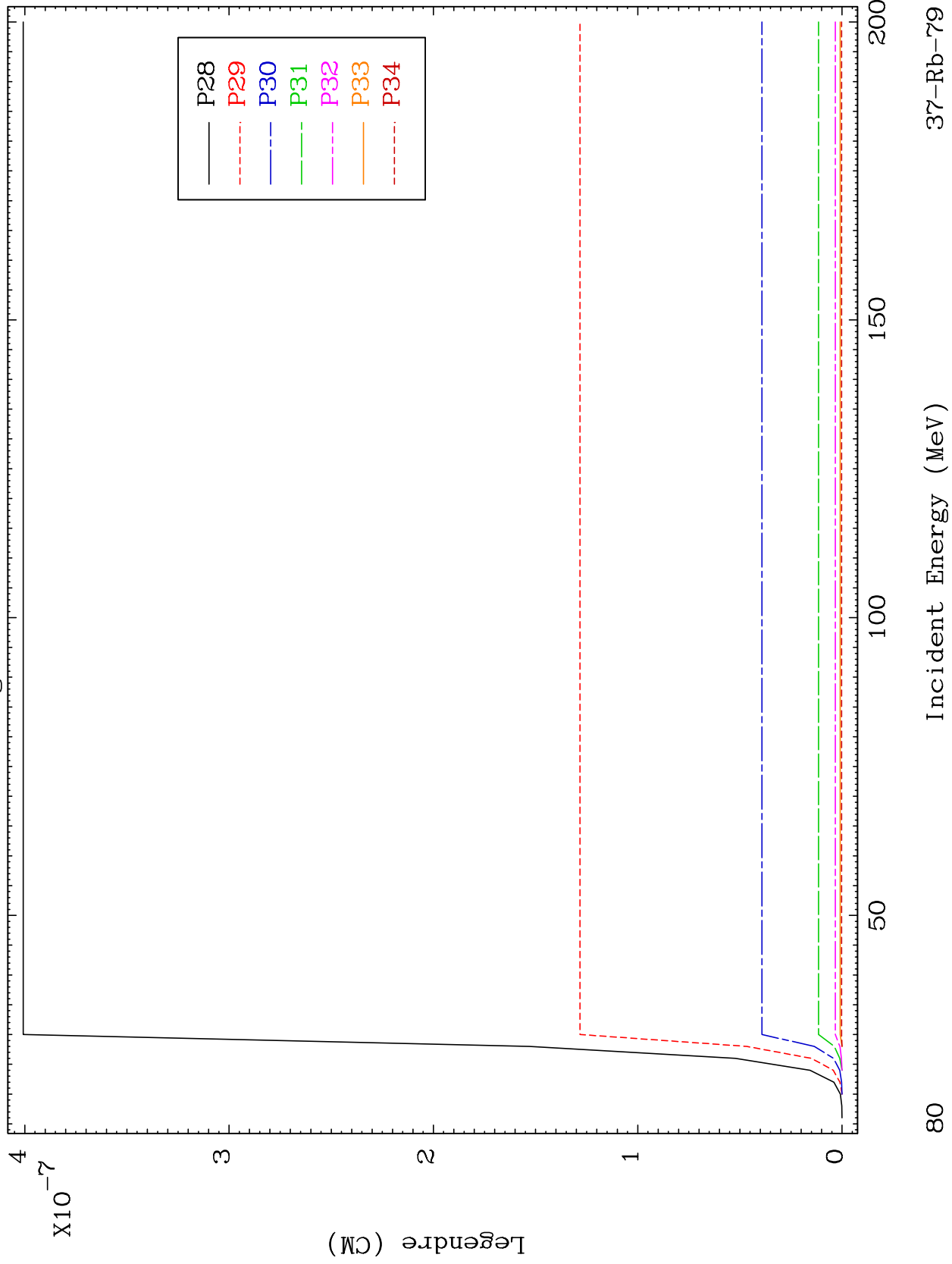
37-Rb-79



MAT 3707

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

37-Rb-79



37-Rb-79

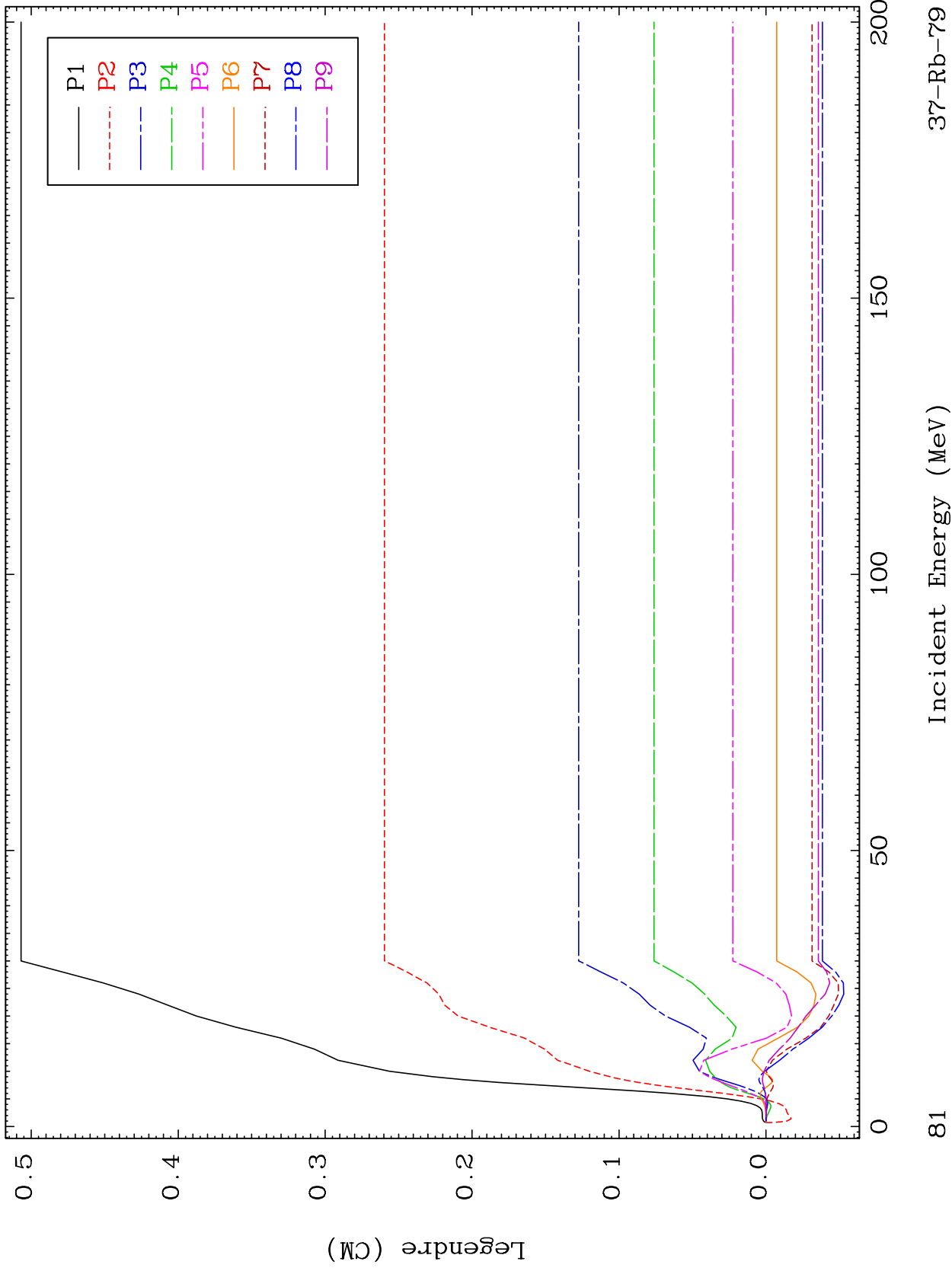
Incident Energy (MeV)

80

MAT 3707

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

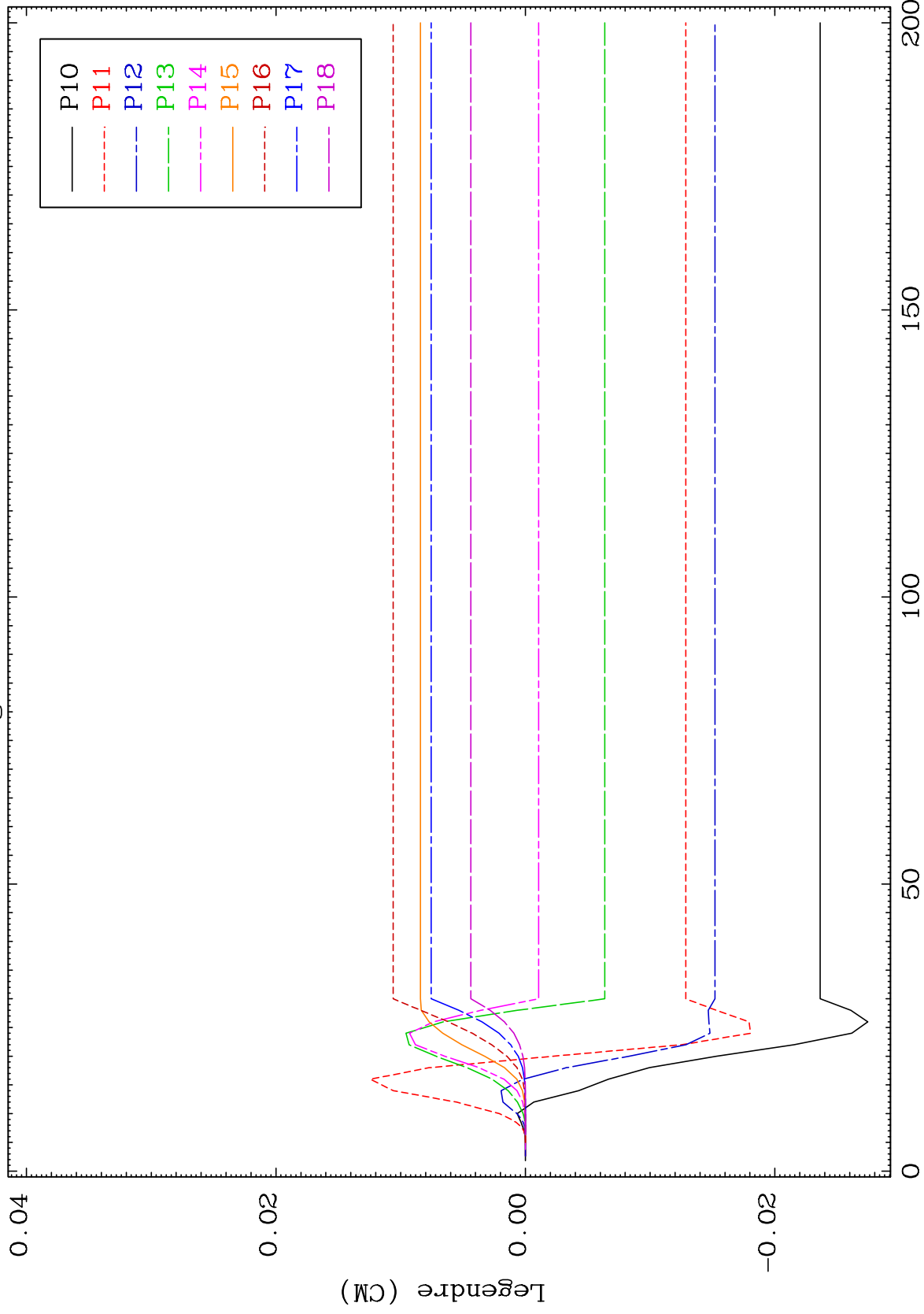
37-Rb-79



MAT 3707

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

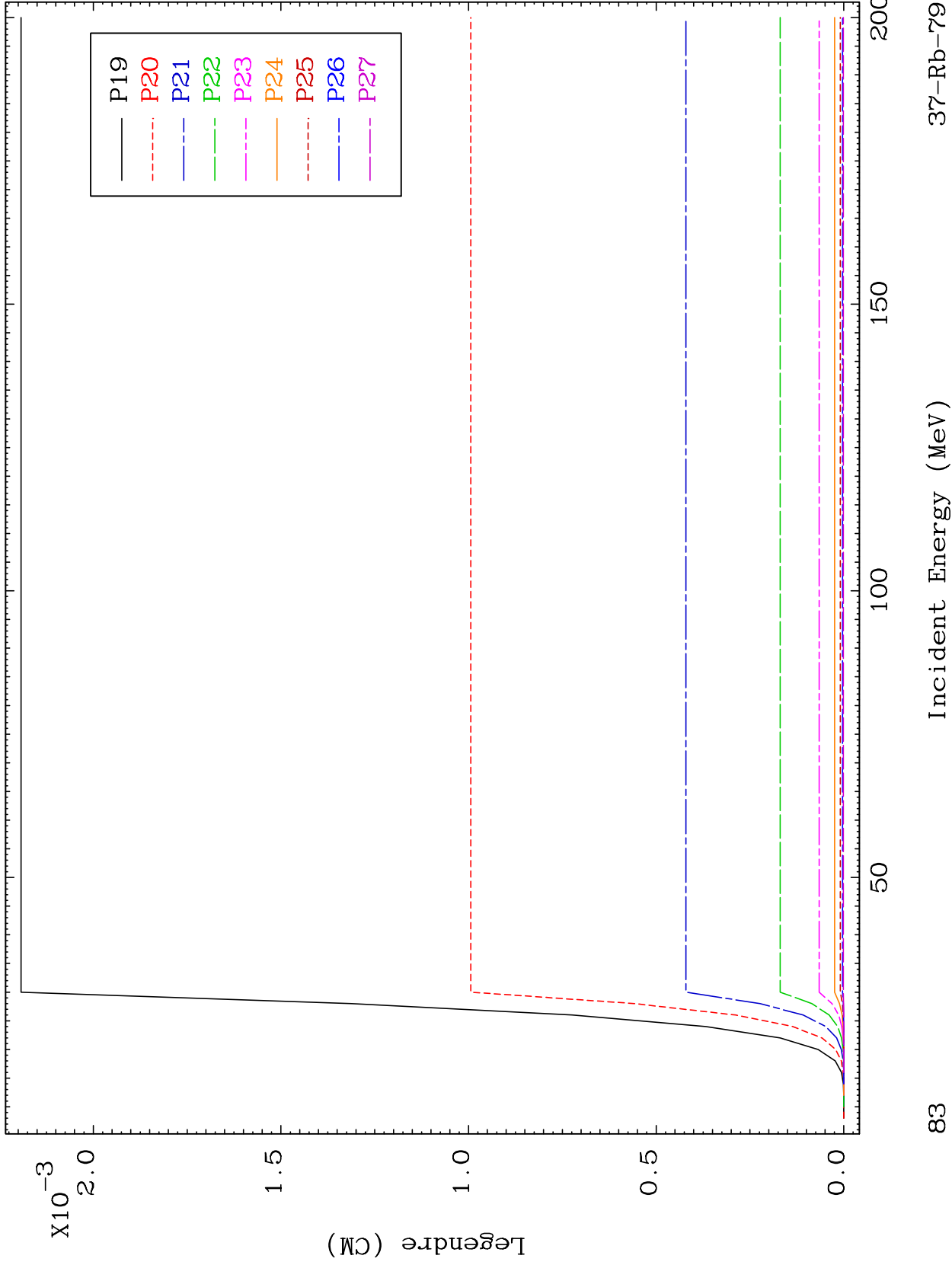
37-Rb-79



82

Incident Energy (MeV)

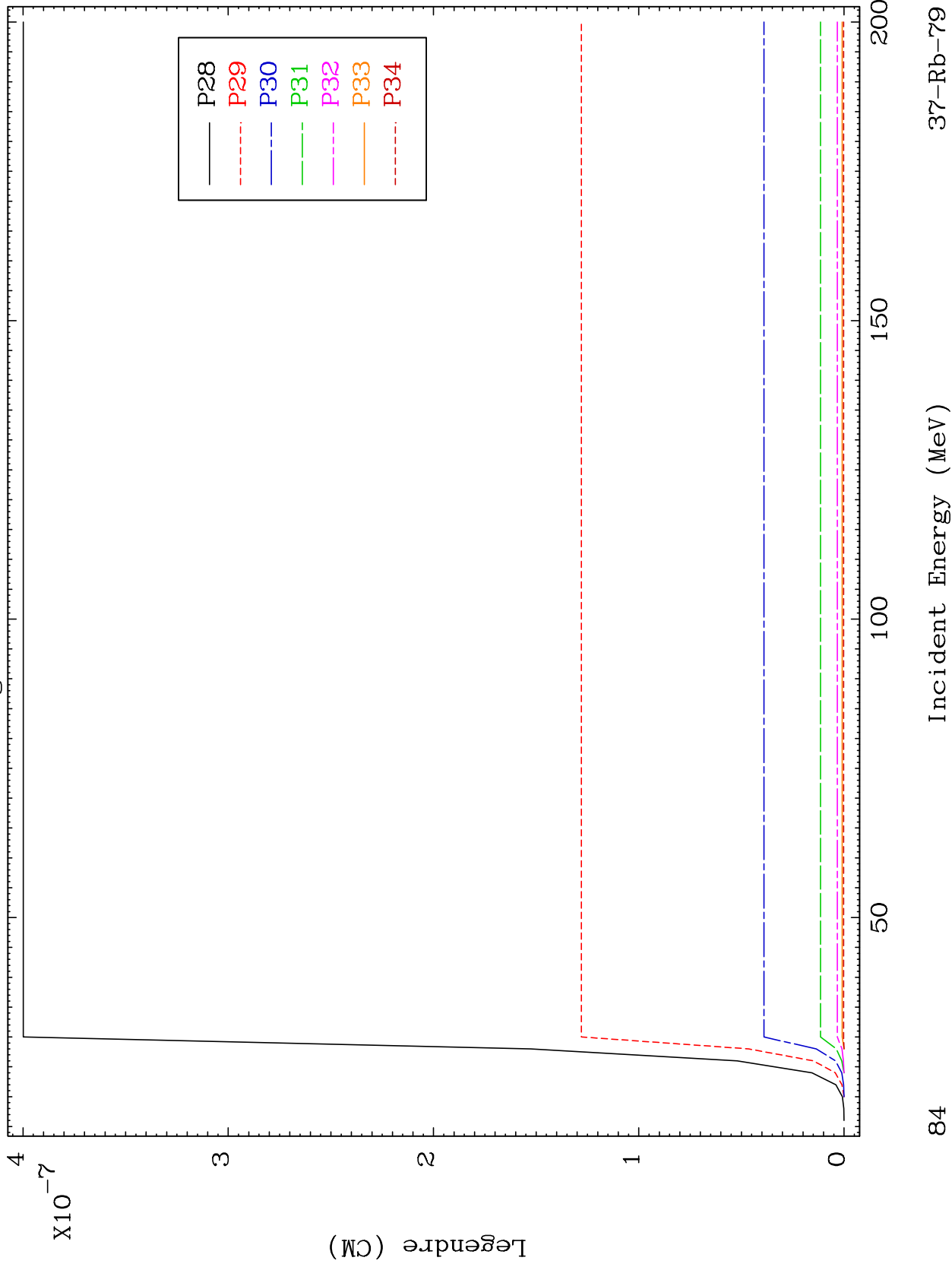
37-Rb-79



MAT 3707

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

37-Rb-79



84

Incident Energy (MeV)

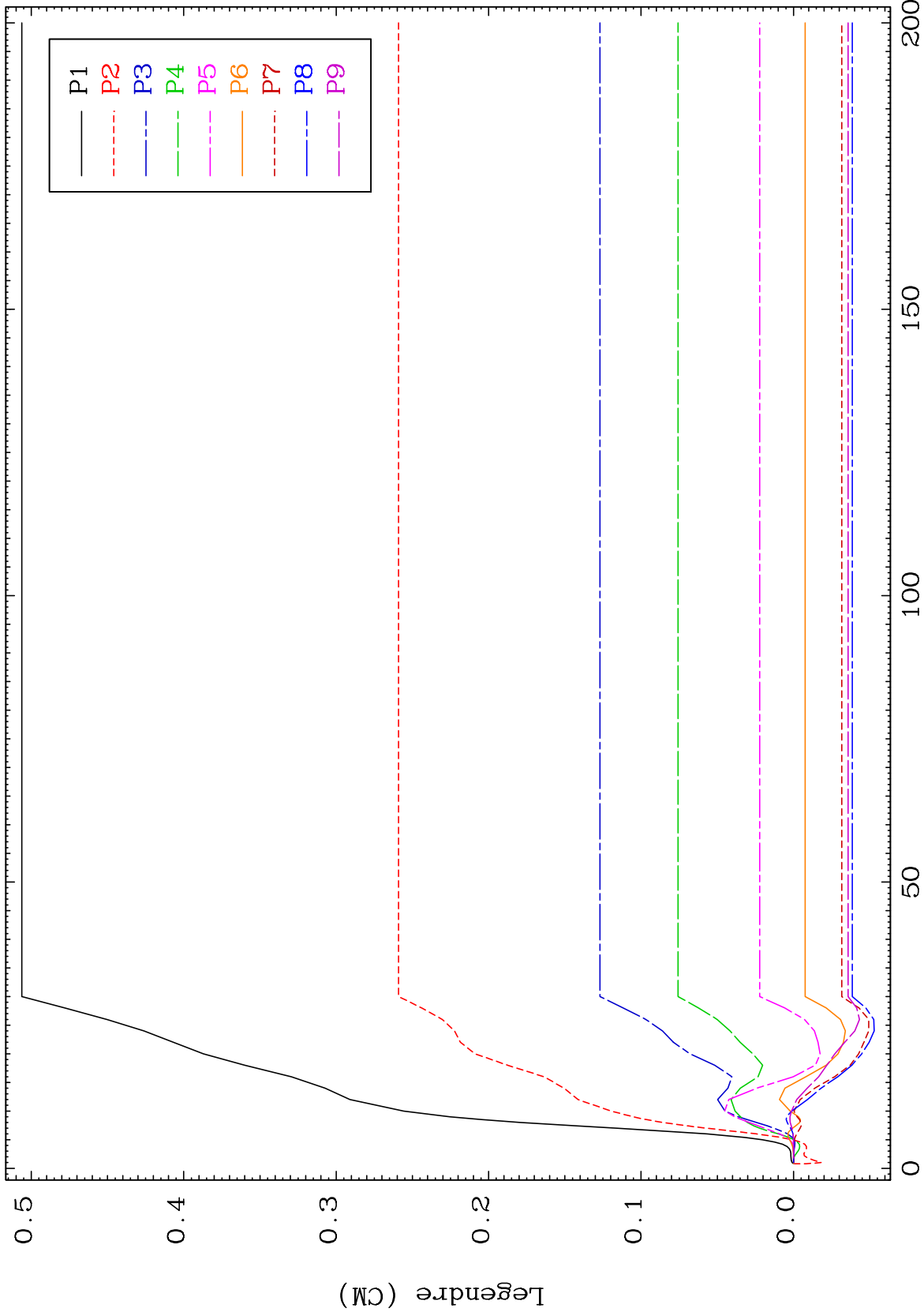
37-Rb-79

MAT 3707

MT= 68 (n,n') Level

37-Rb-79

Legendre Coefficients



85

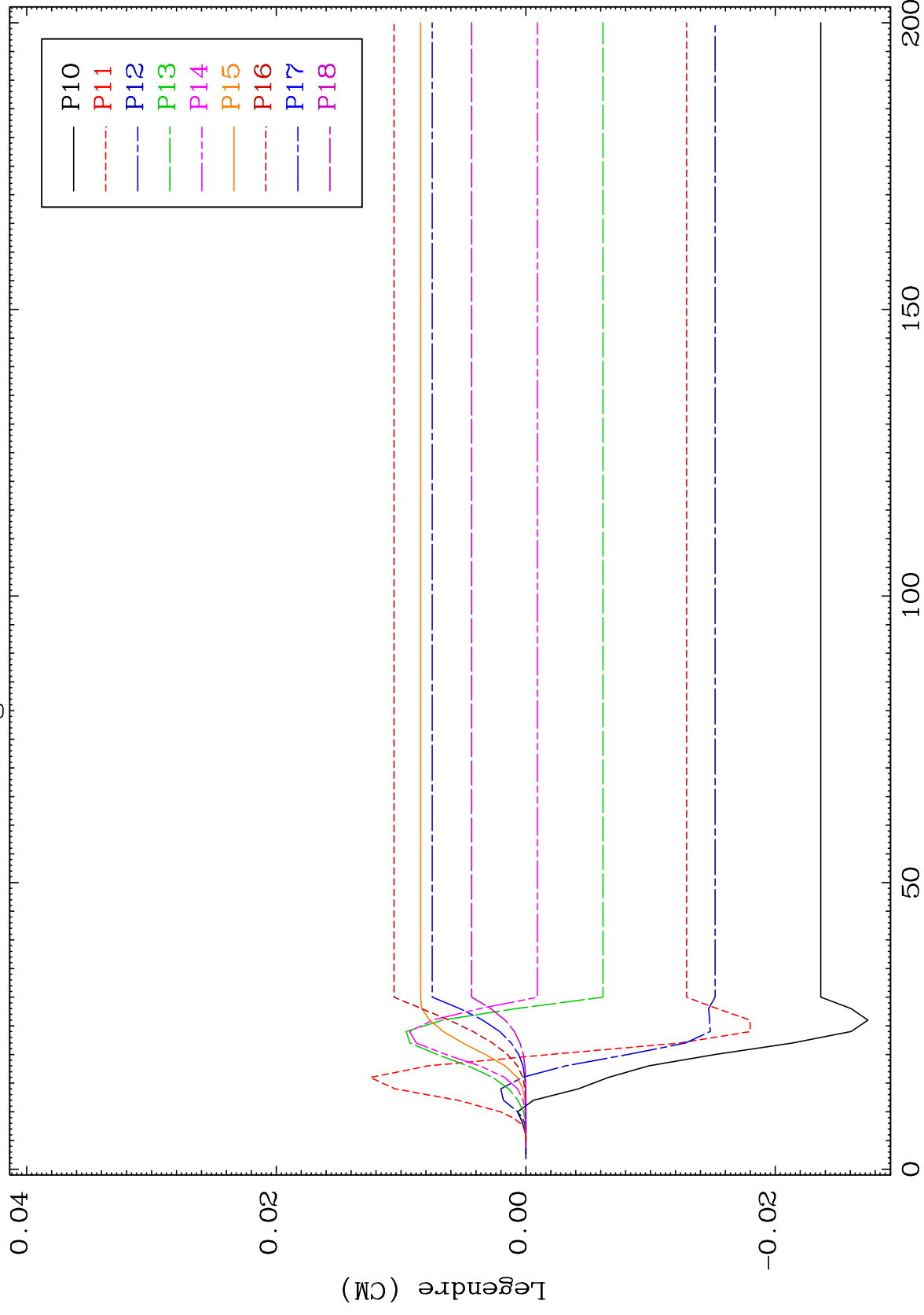
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



86

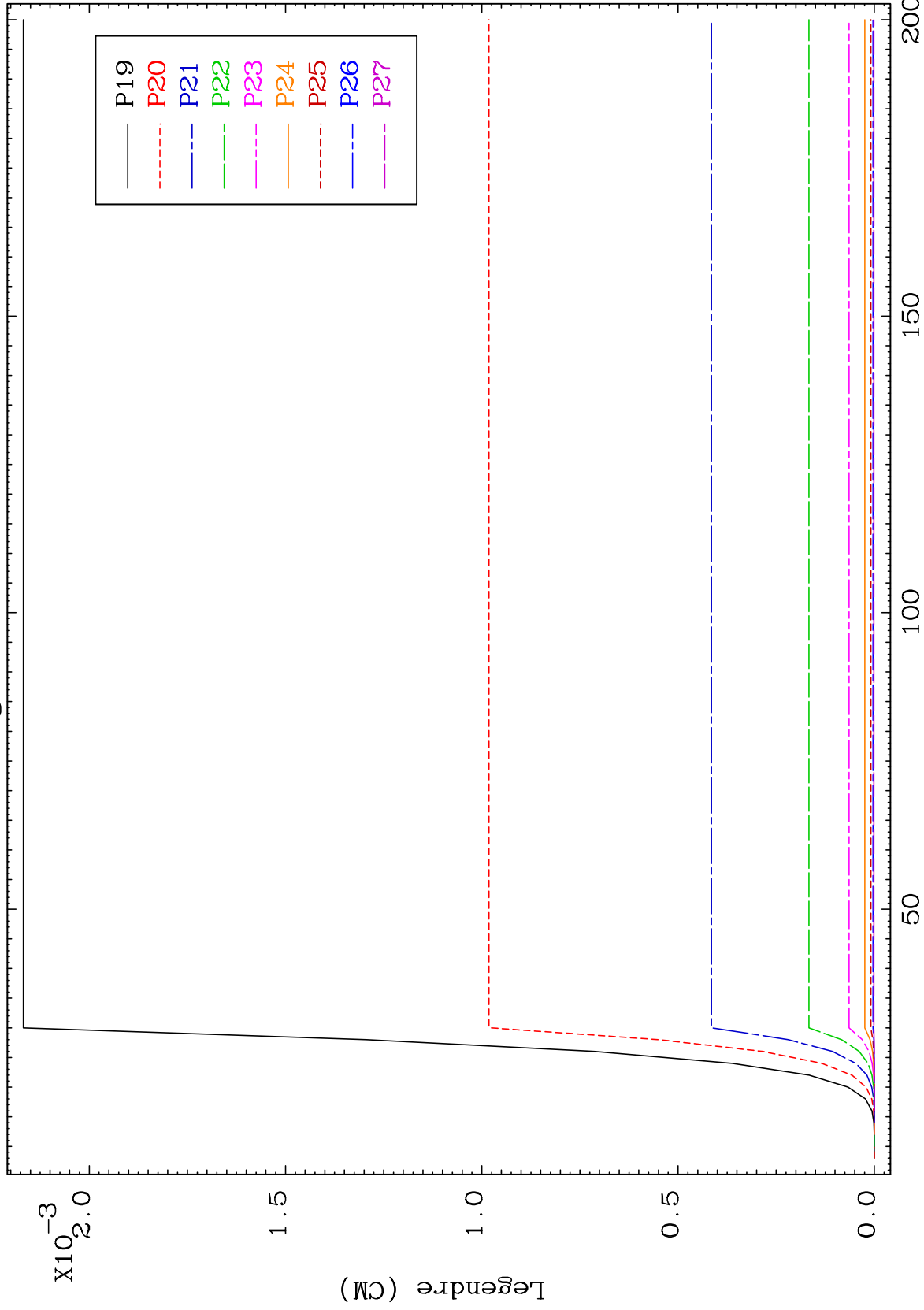
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



87

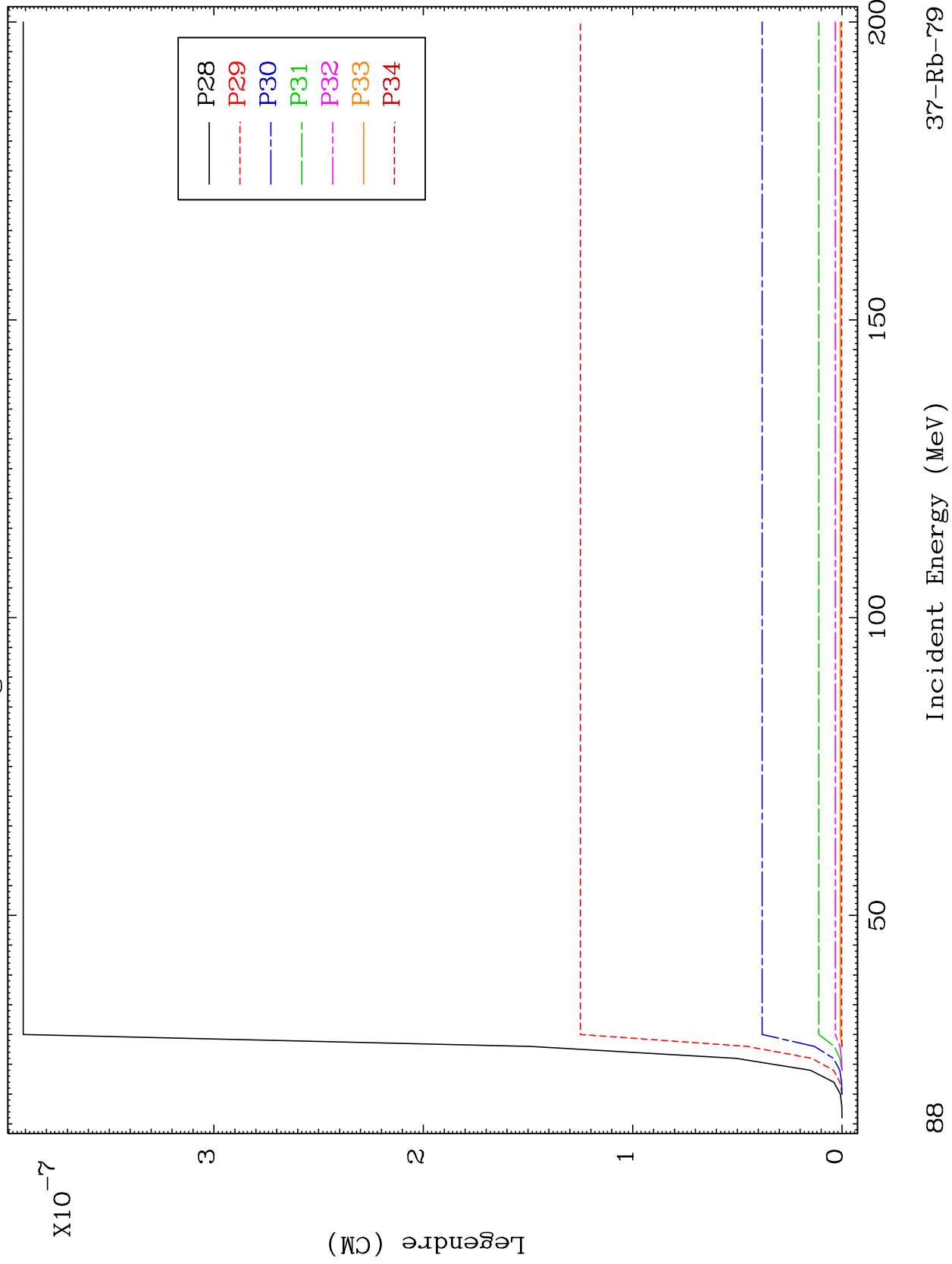
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



88

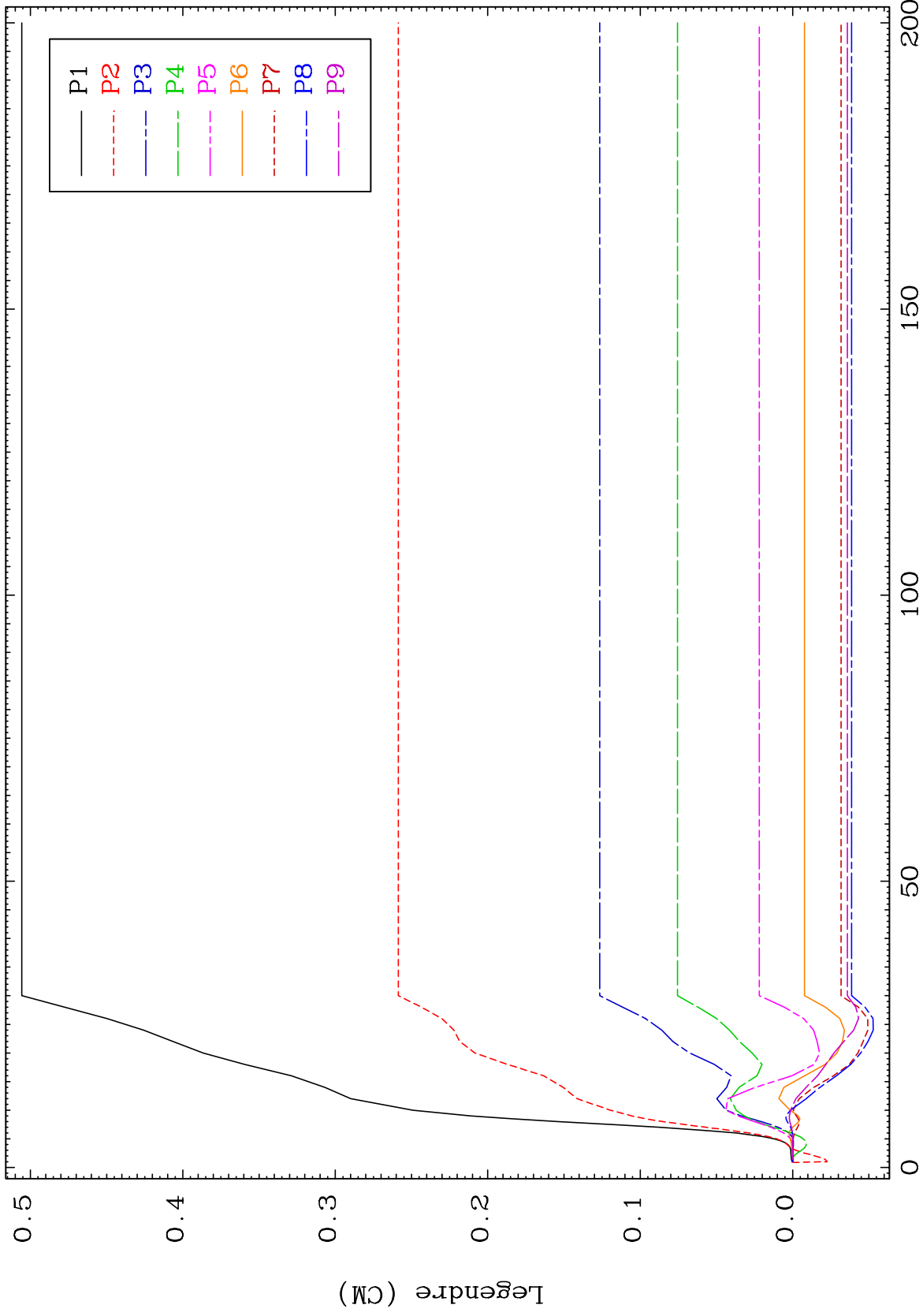
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



89

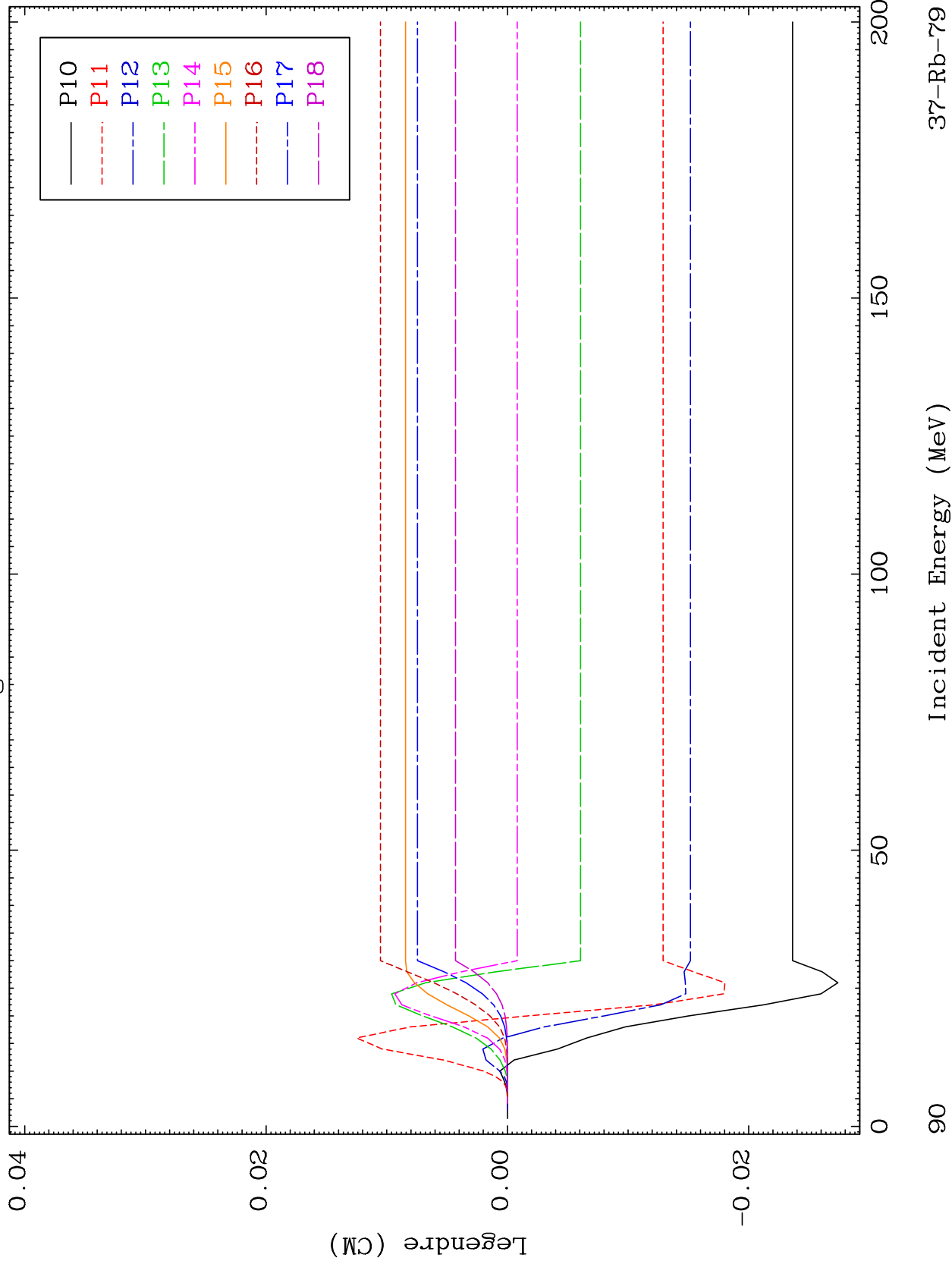
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



37-Rb-79

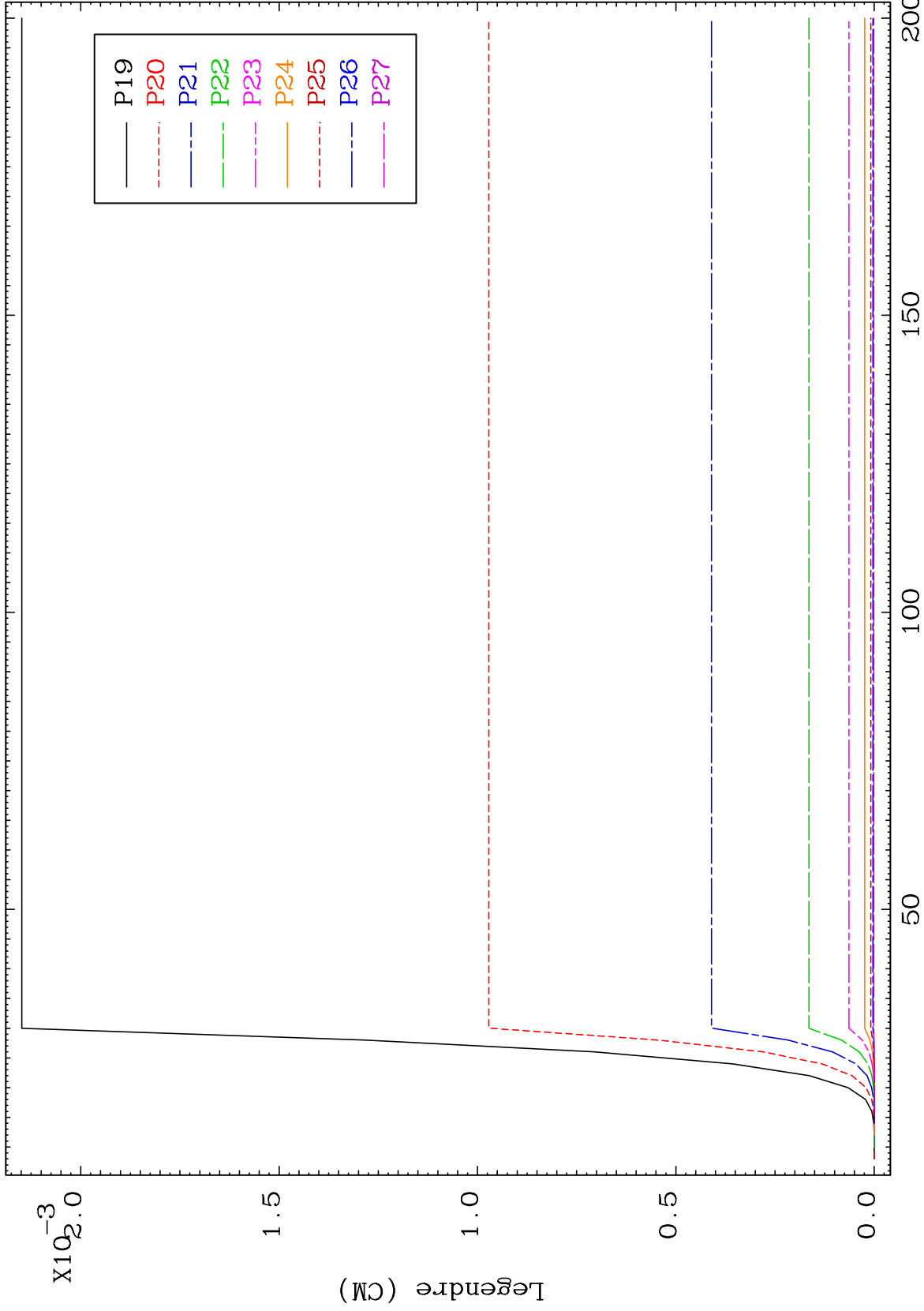
Incident Energy (MeV)

90

MAT 3707

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

37-Rb-79



91

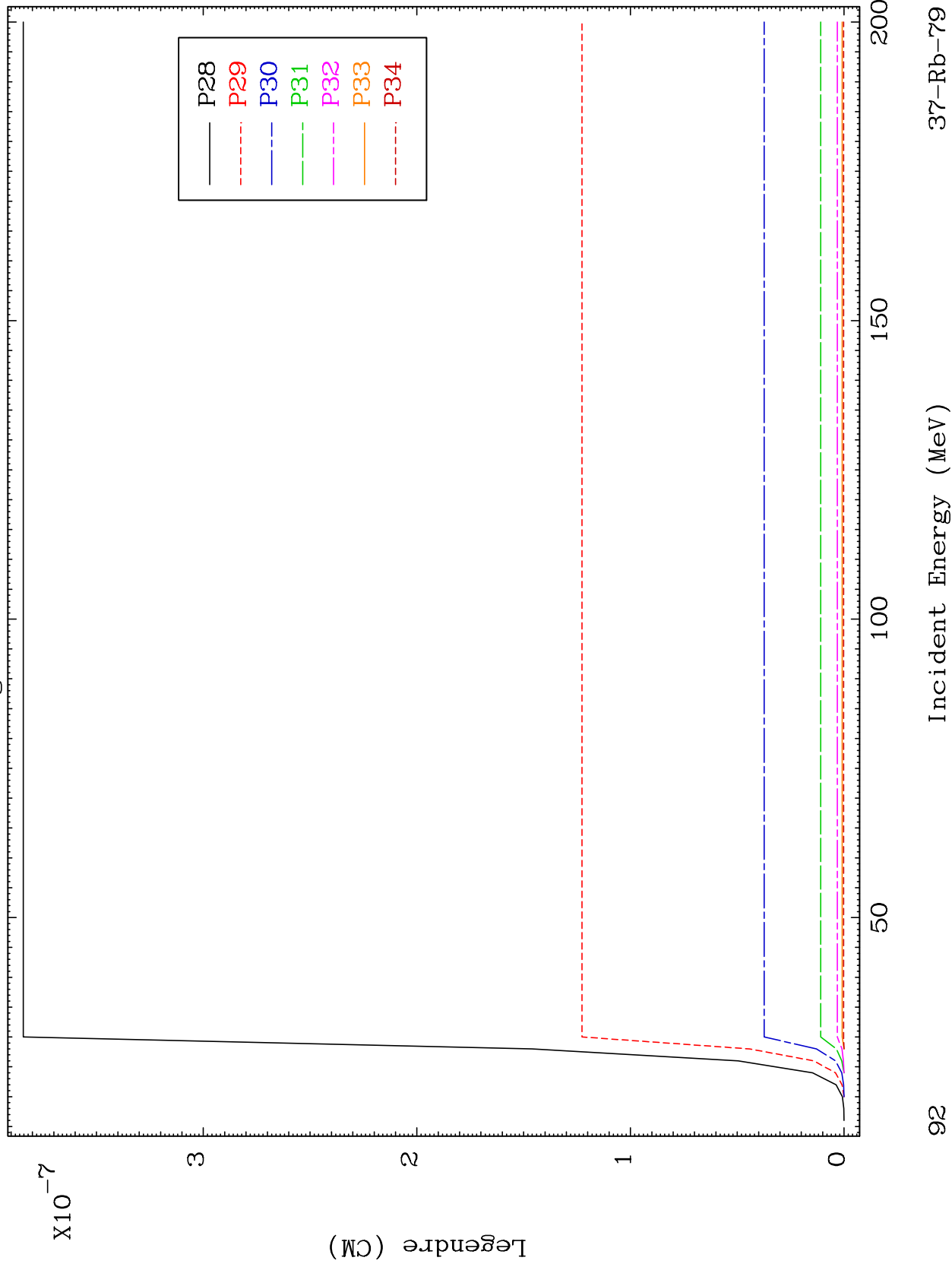
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

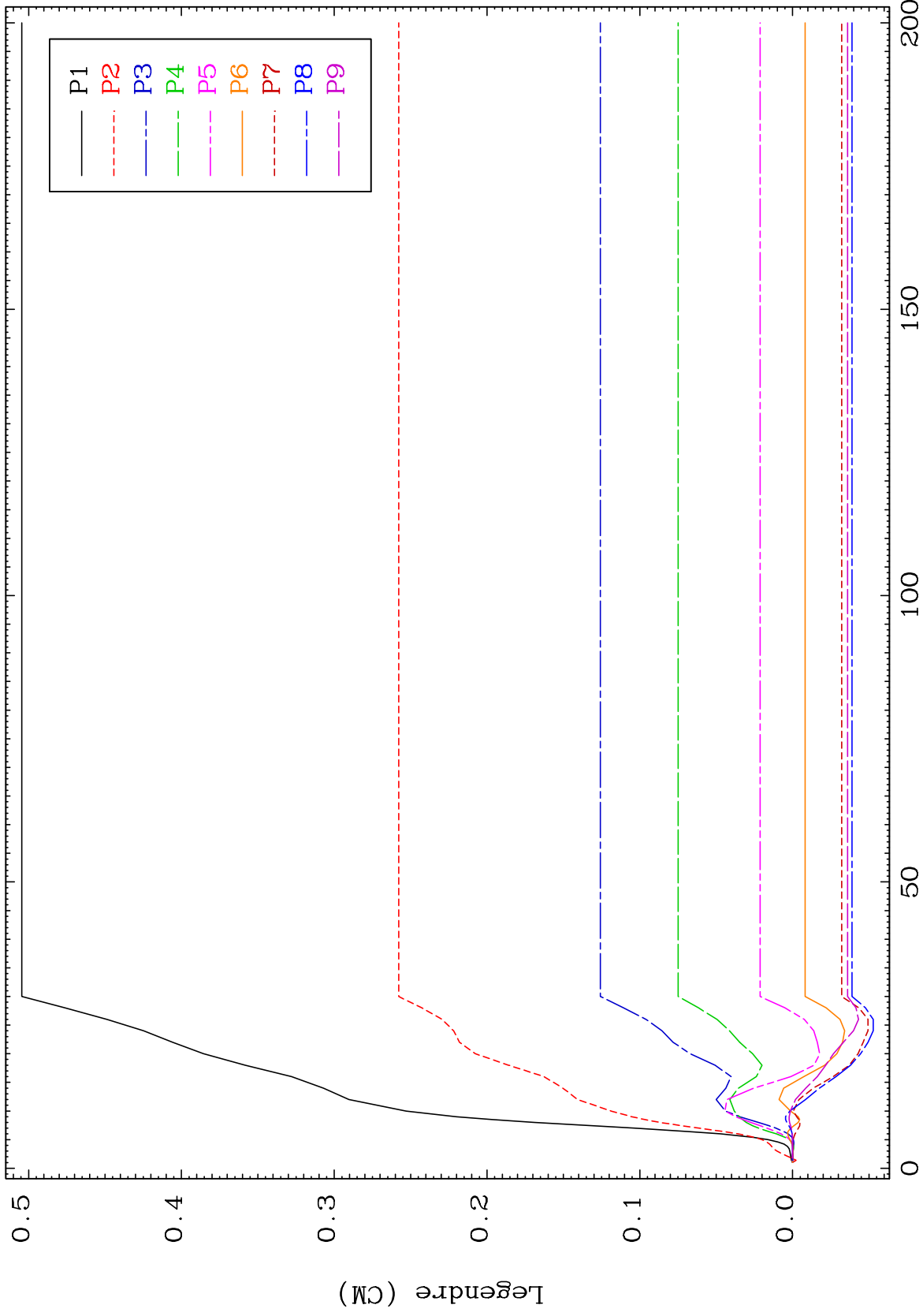
37-Rb-79



MAT 3707

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

37-Rb-79



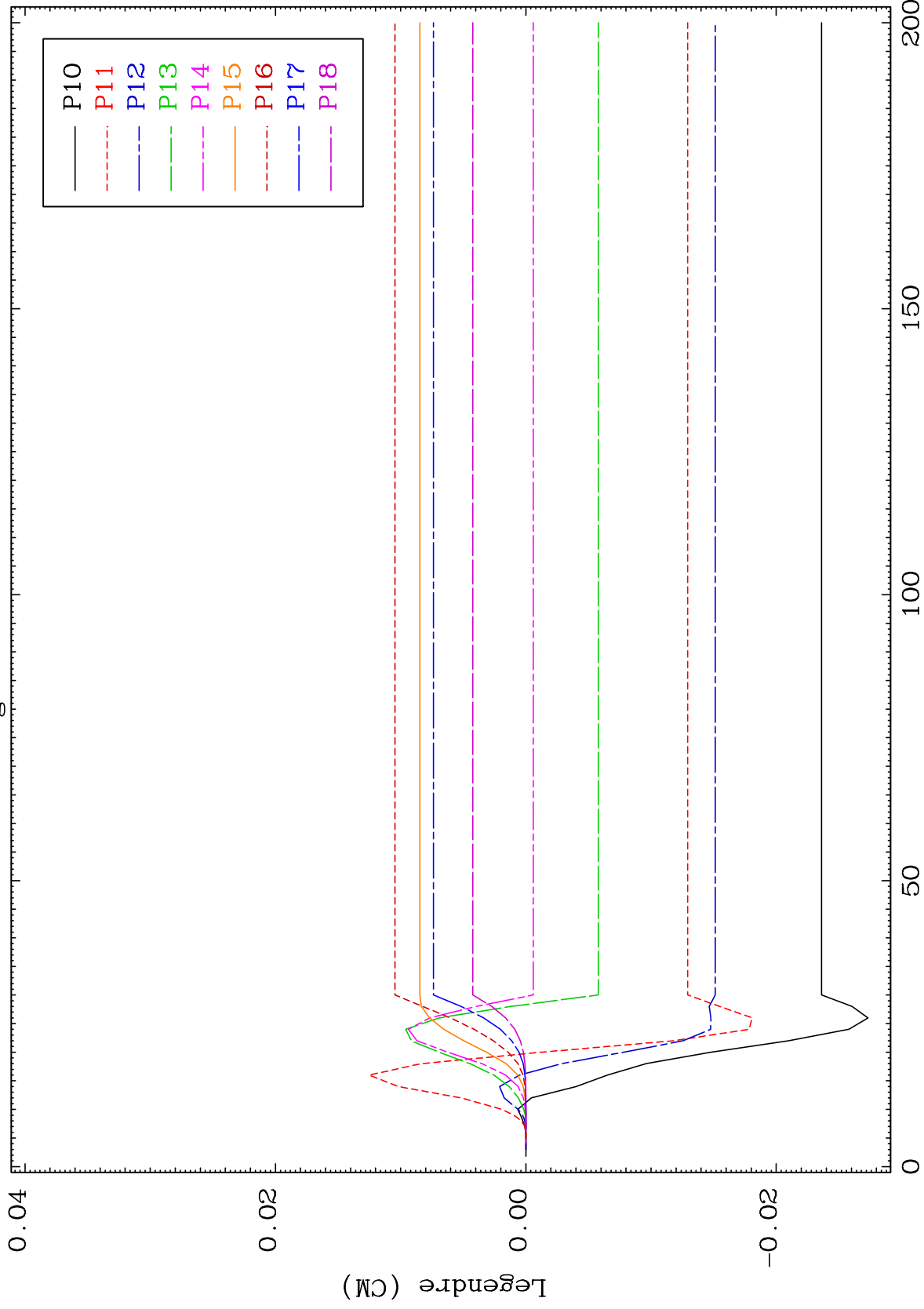
93

37-Rb-79

MAT 3707

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

37-Rb-79



94

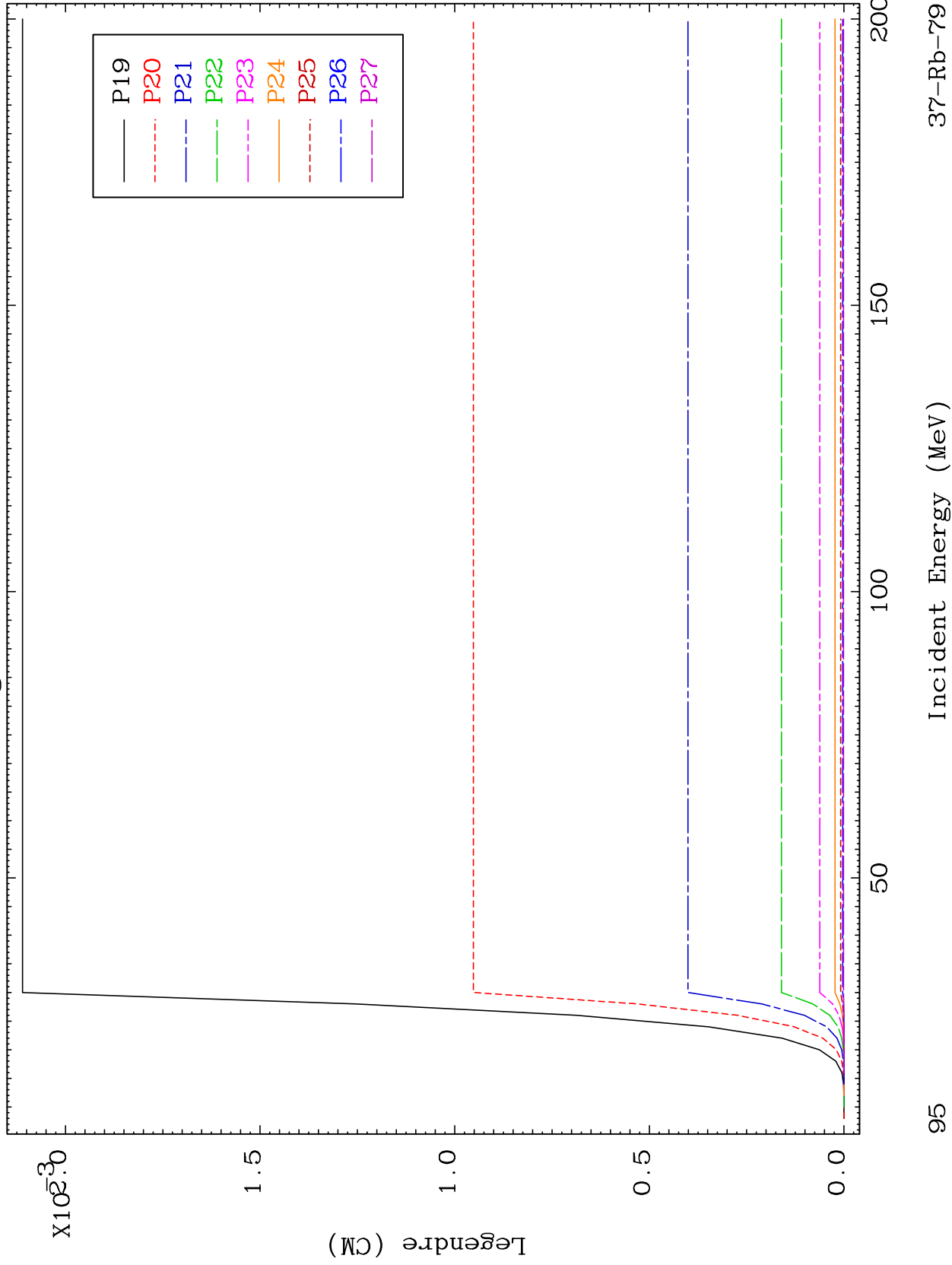
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



95

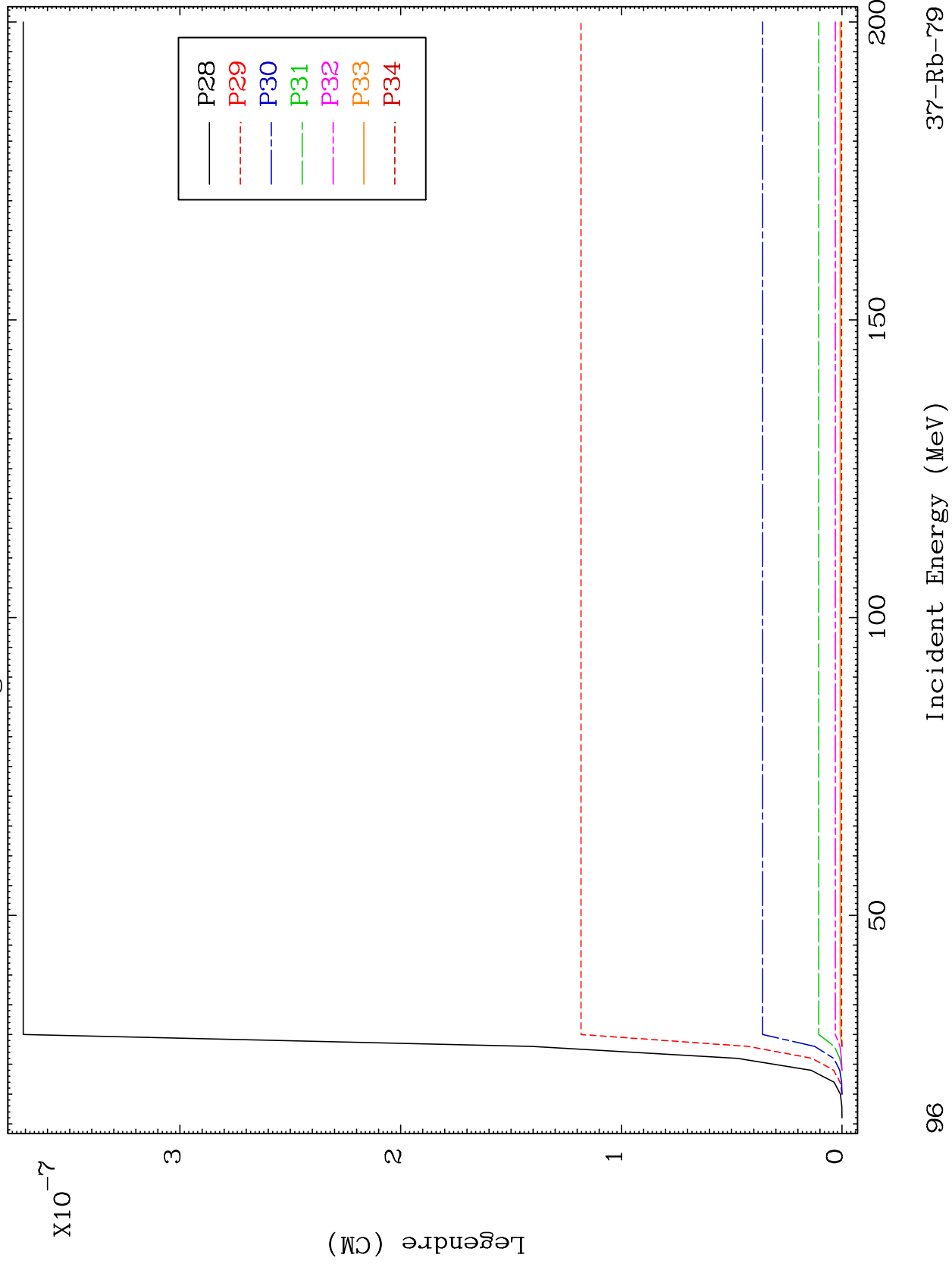
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



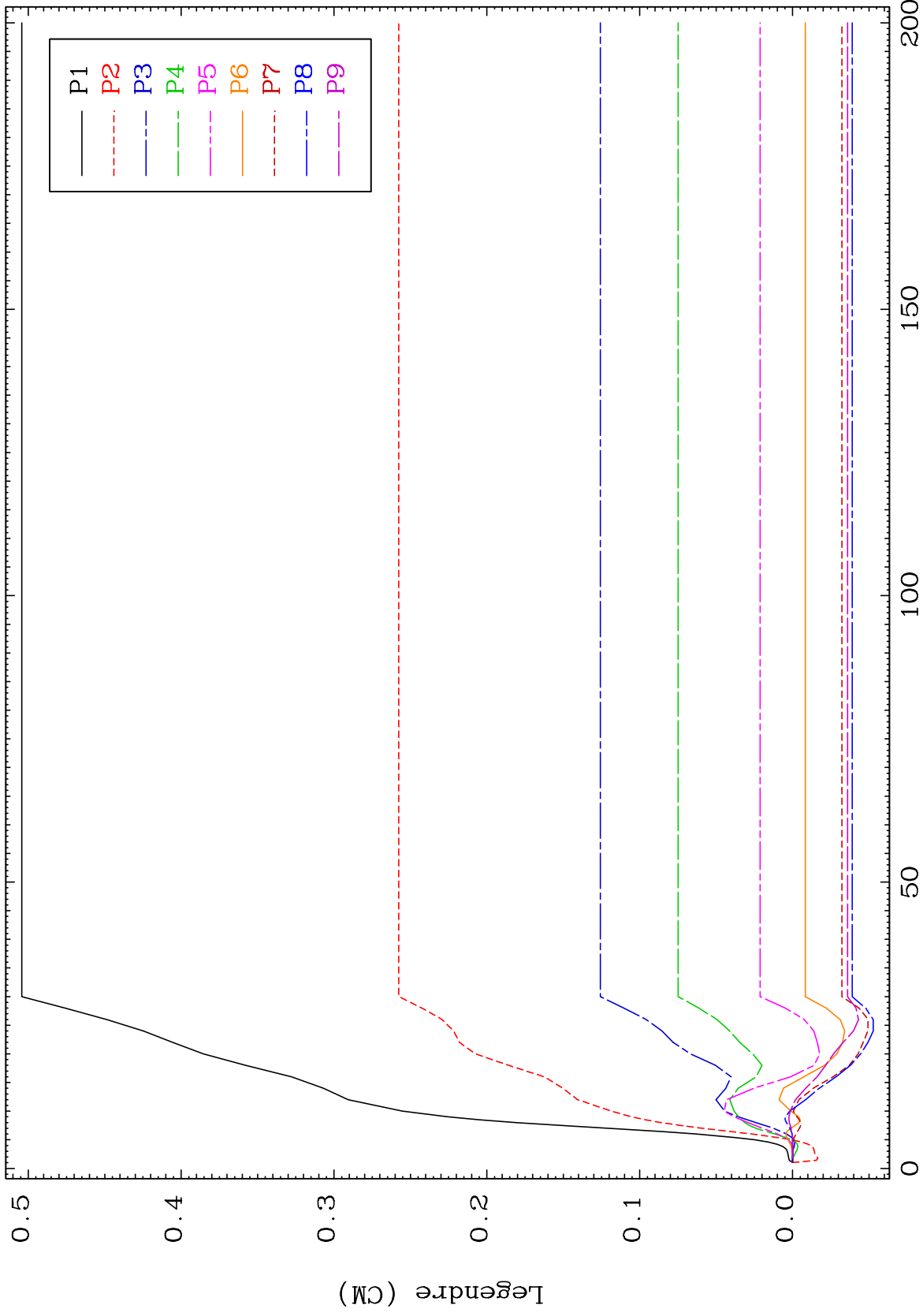
96

37-Rb-79

MAT 3707

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

37-Rb-79



97

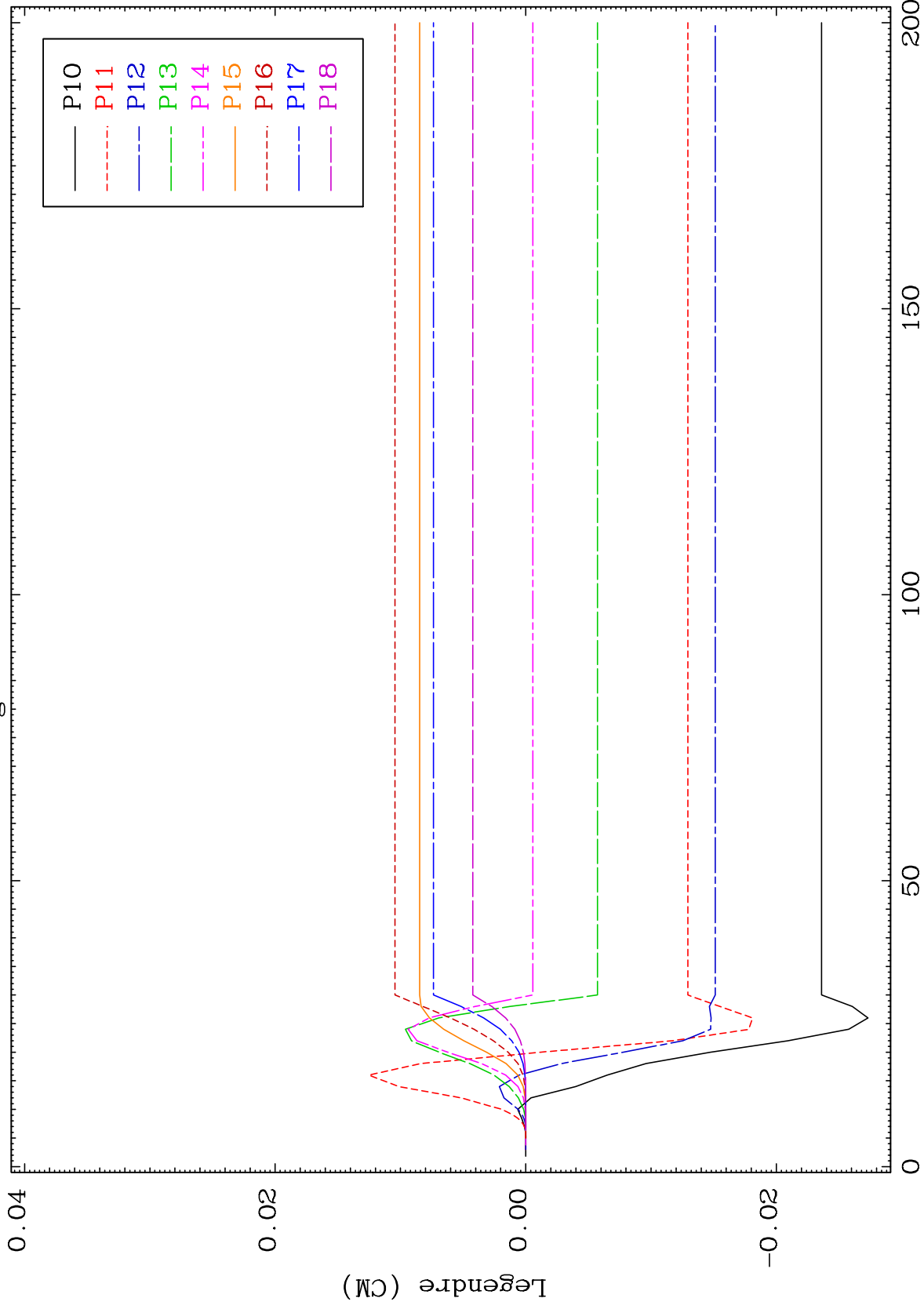
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



98

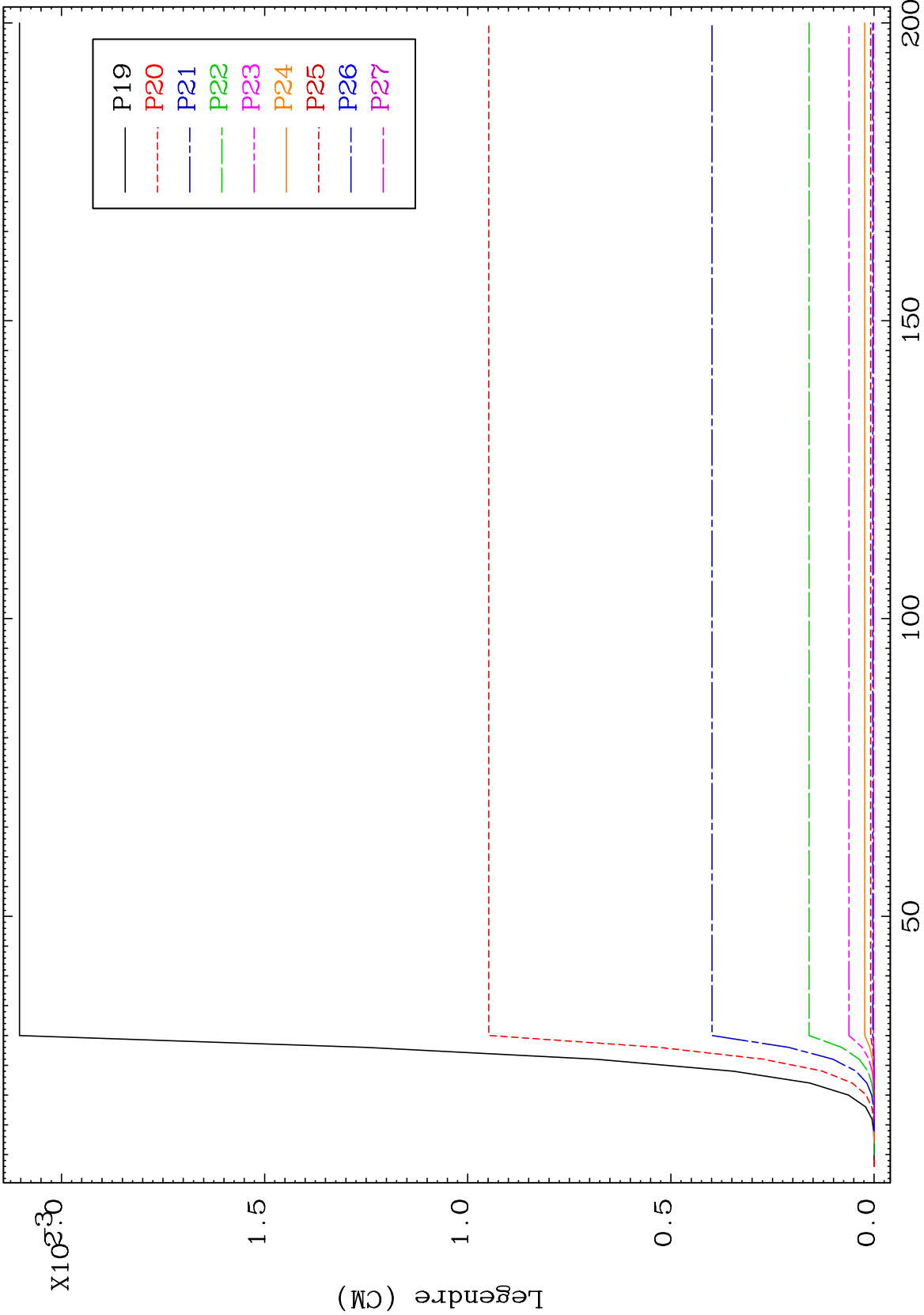
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



99

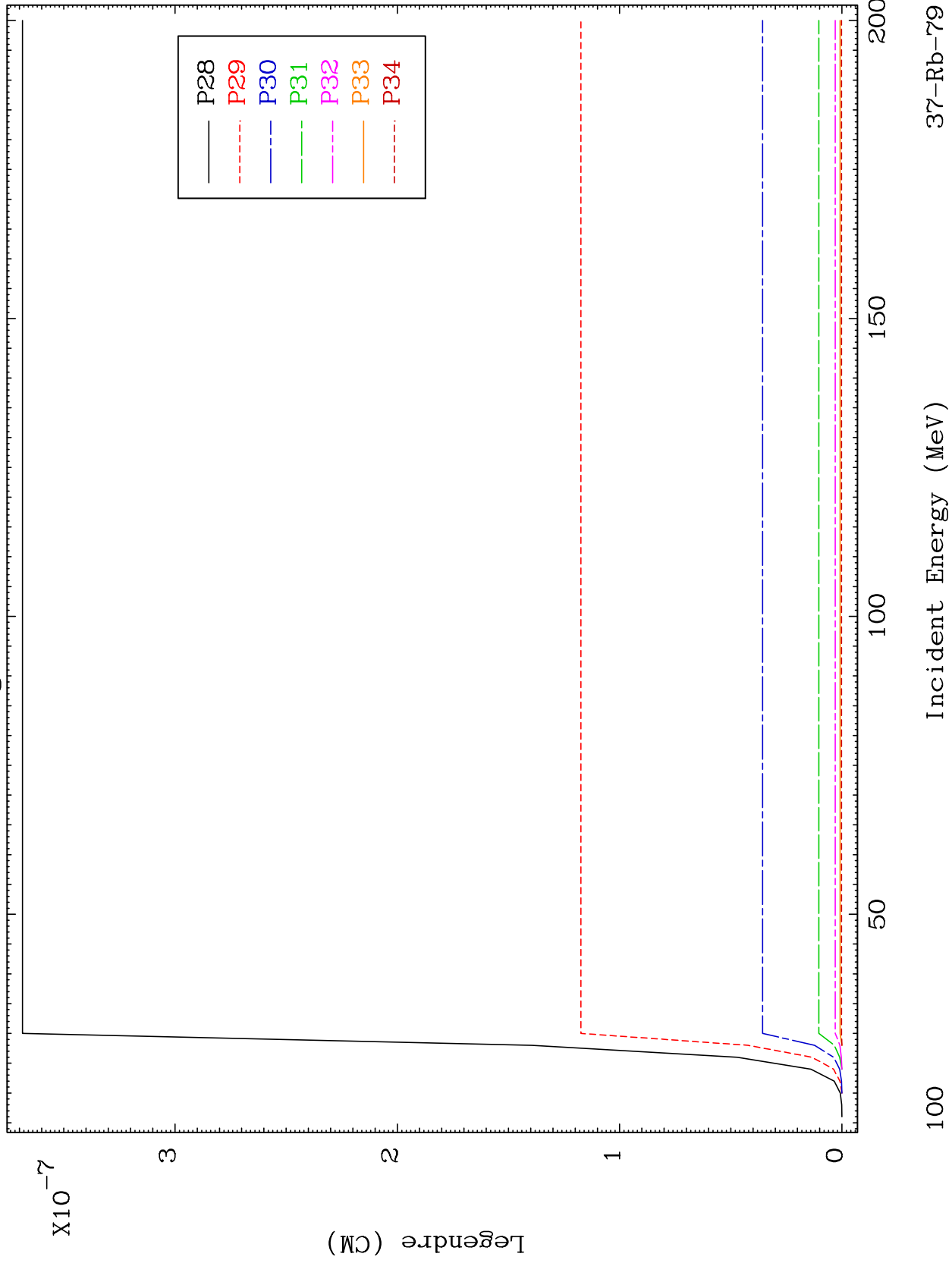
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



37-Rb-79

Incident Energy (MeV)

100

10^{-7}

3

2

1

0

0

50

100

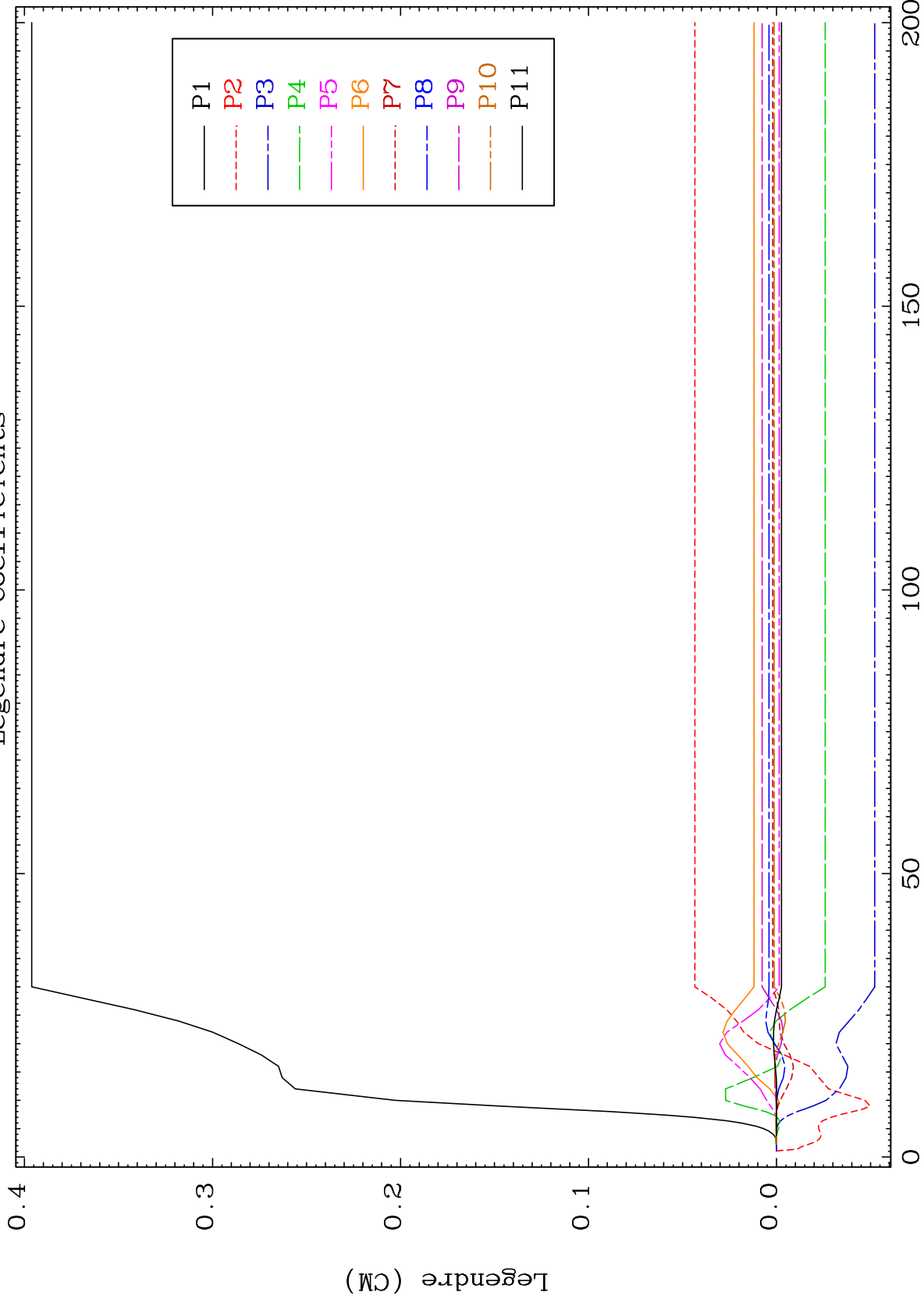
150

200

MAT 3707

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

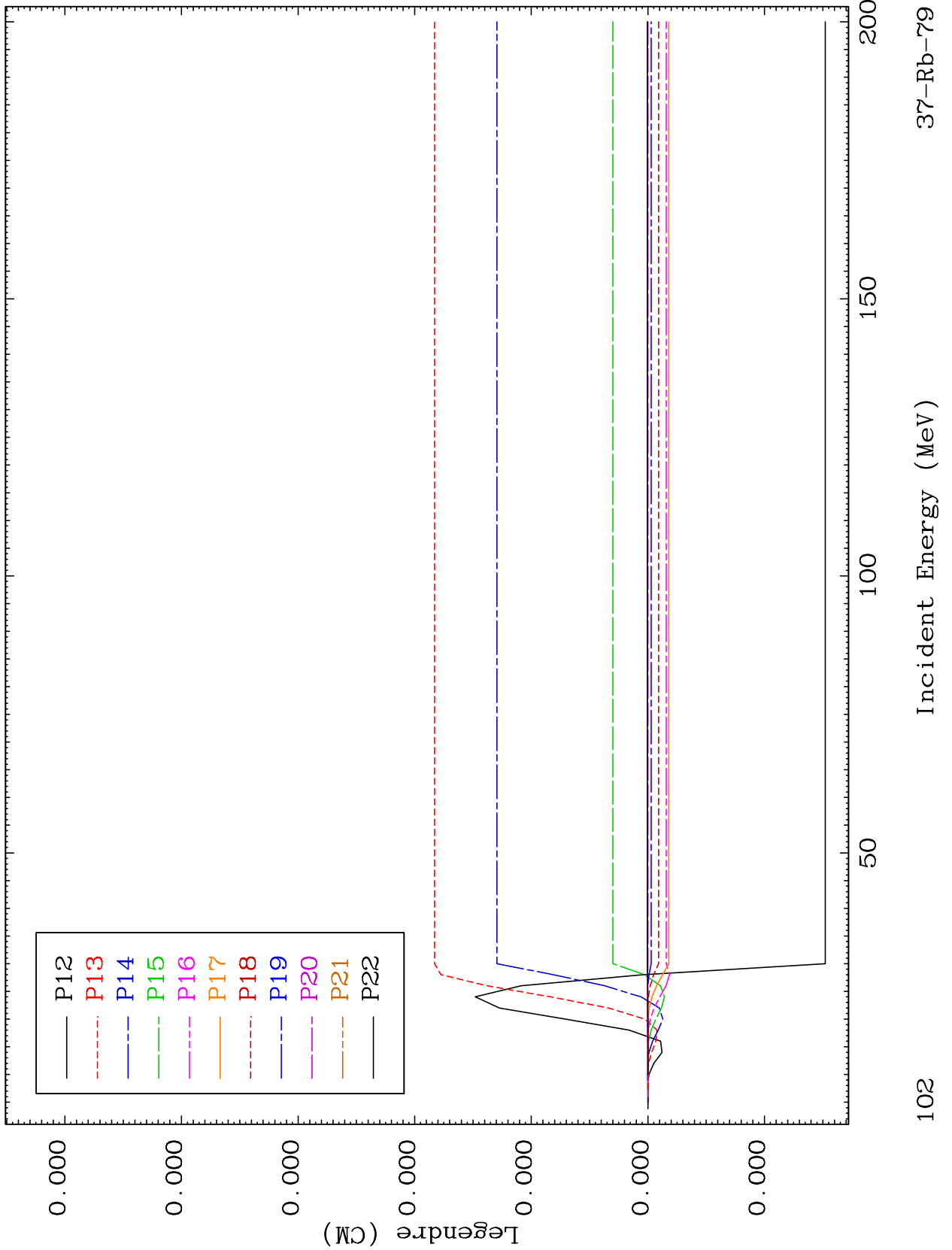
37-Rb-79



101

Incident Energy (MeV)

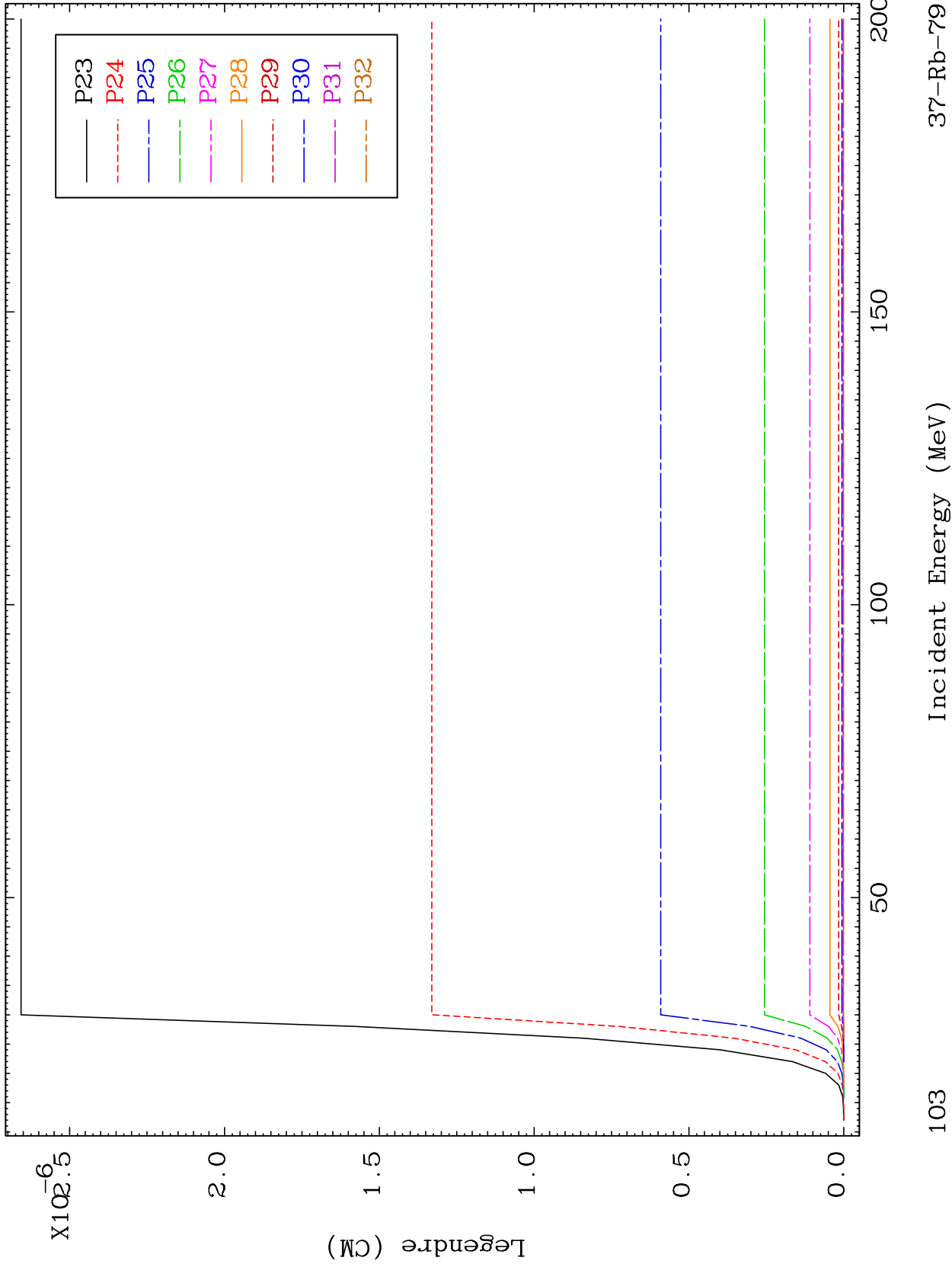
37-Rb-79



MAT 3707

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

37-Rb-79



103

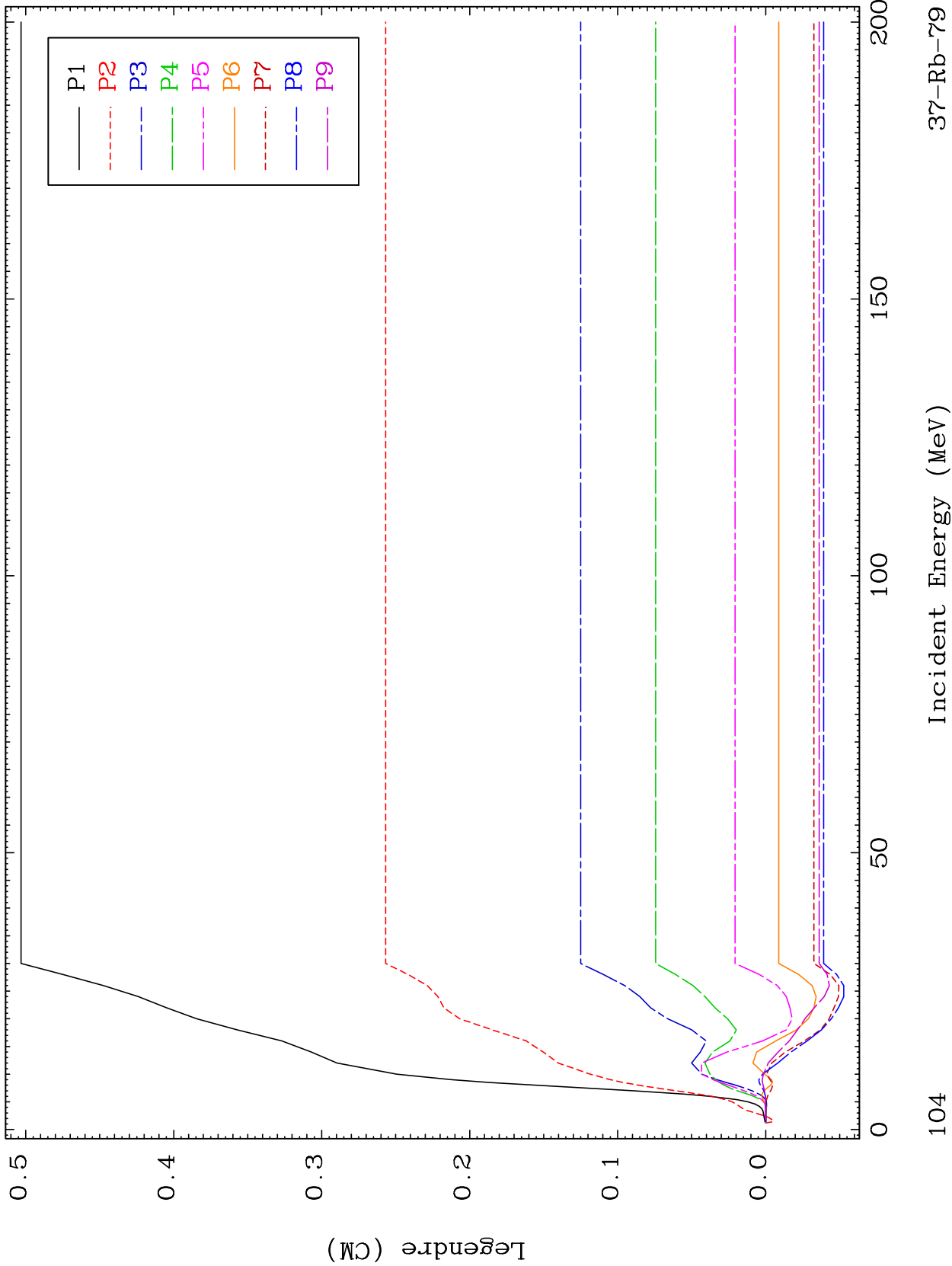
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



104

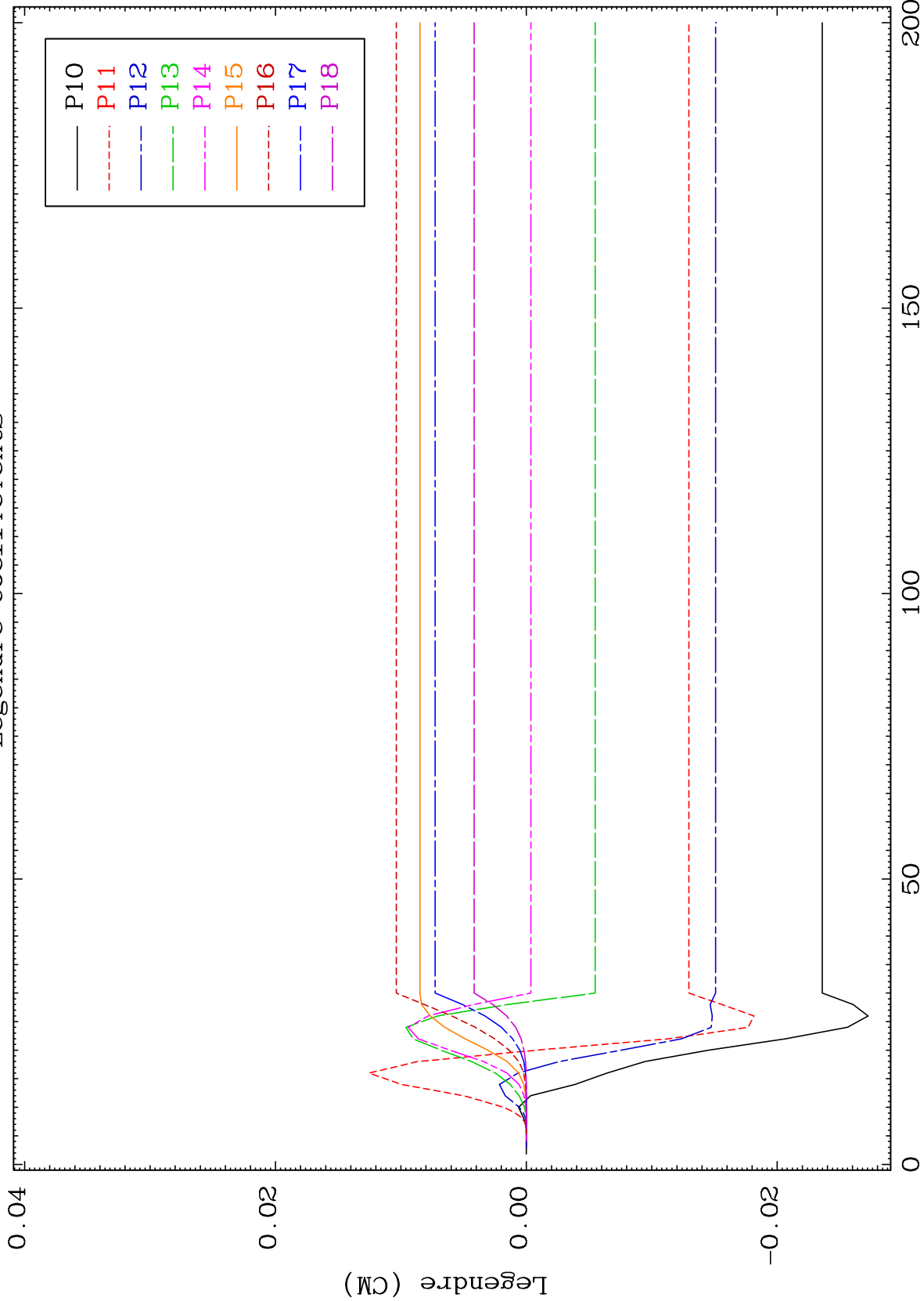
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



37-Rb-79

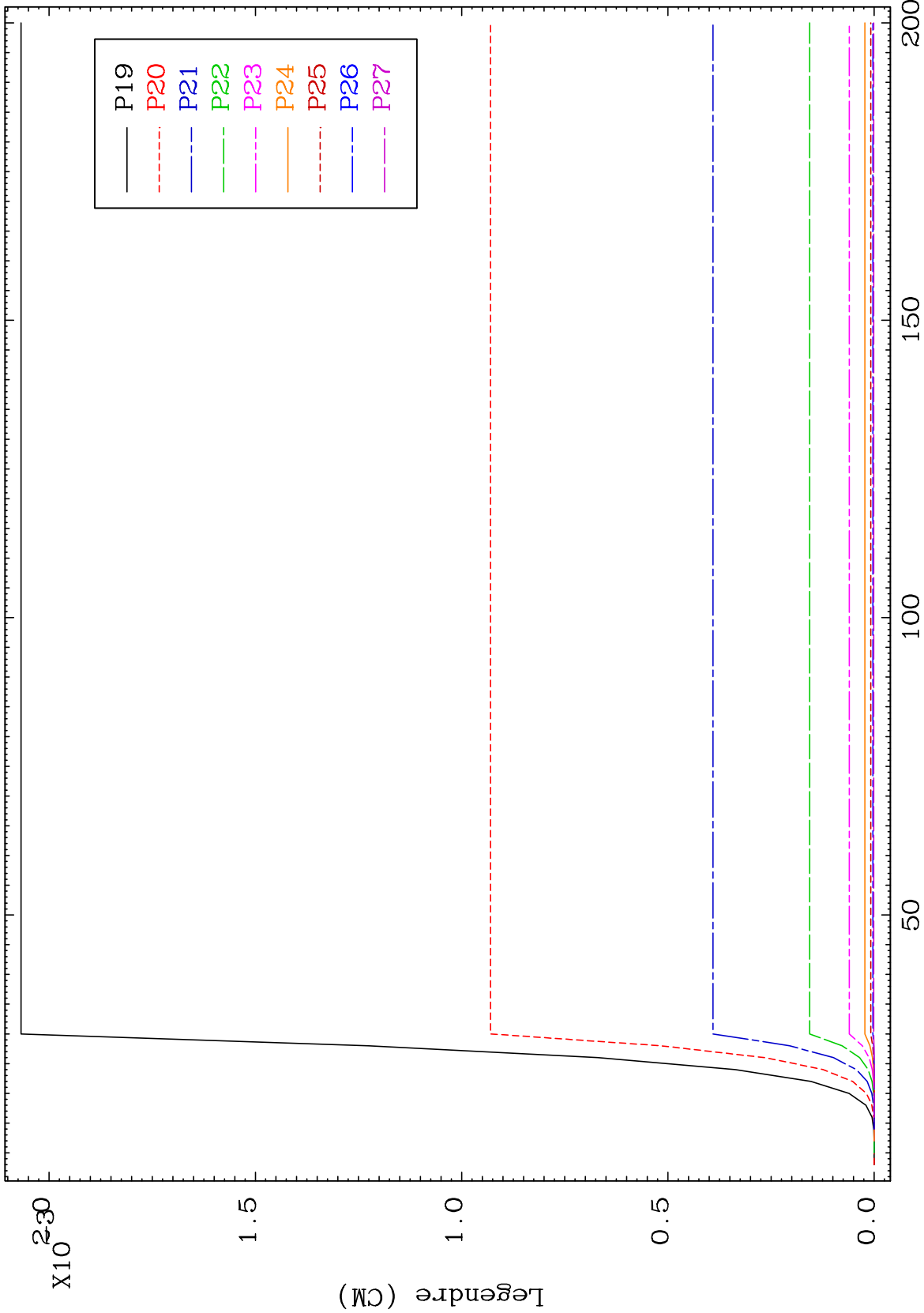
Incident Energy (MeV)

105

MAT 3707

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

37-Rb-79



106

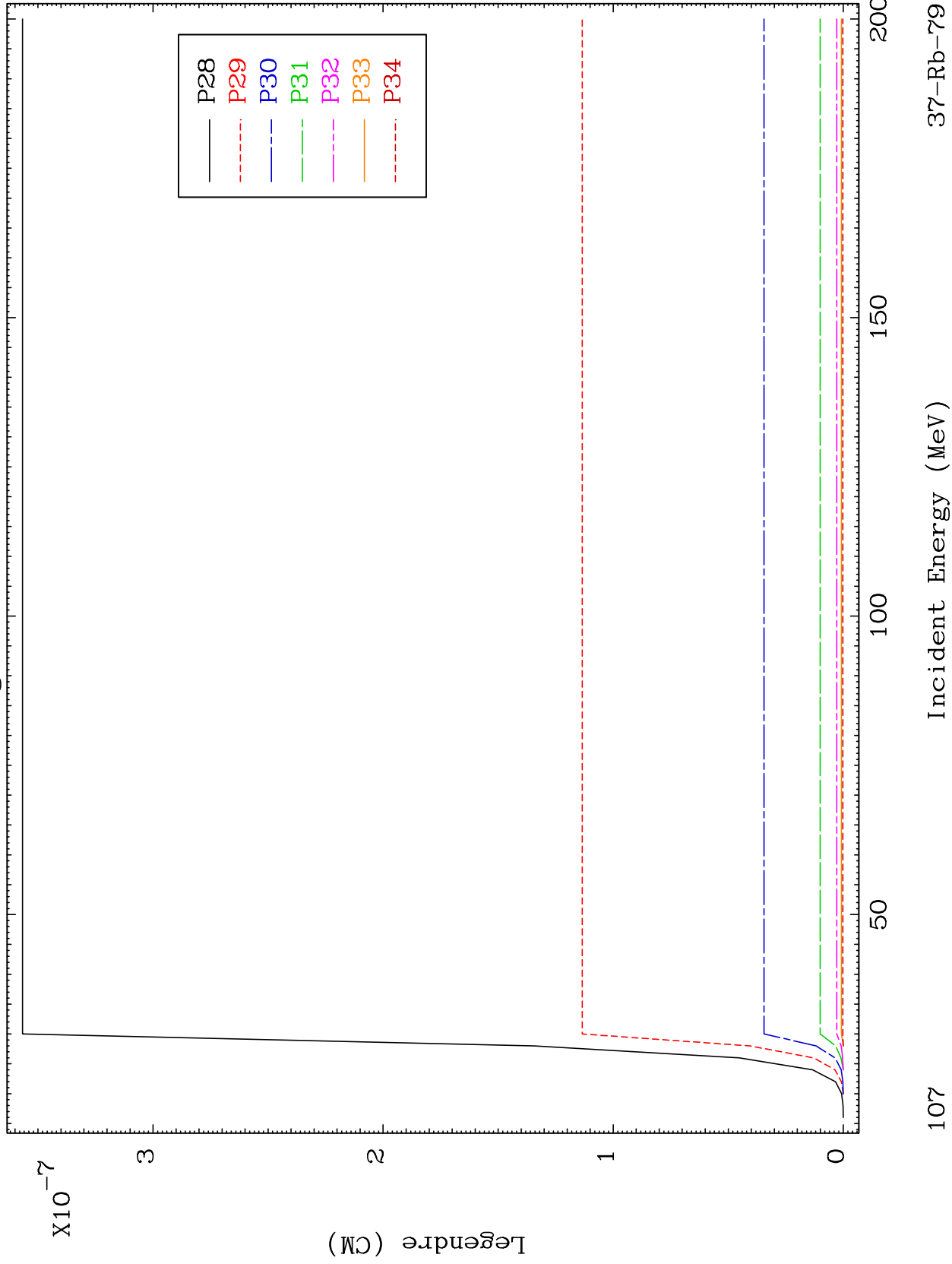
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

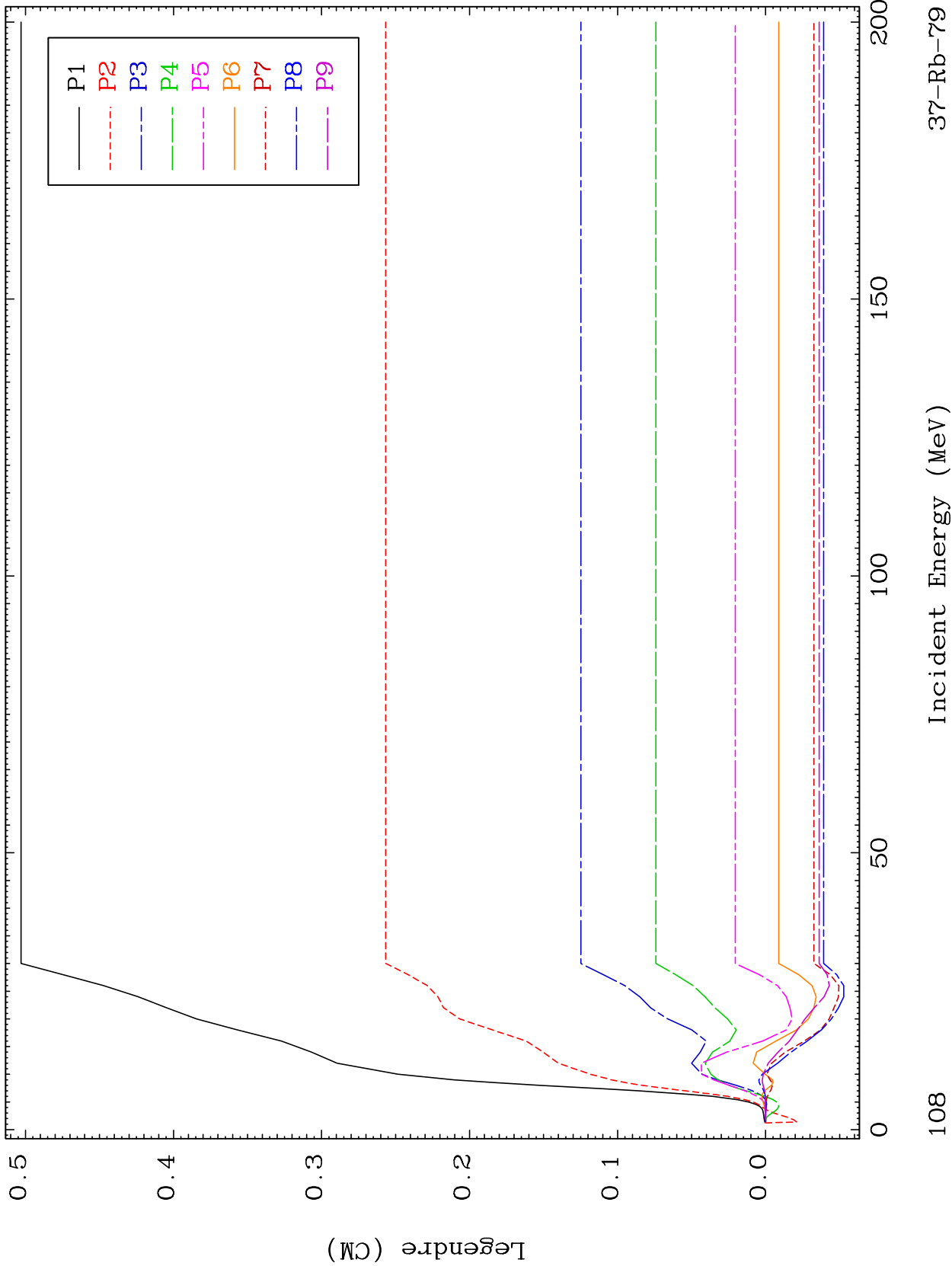
37-Rb-79



MAT 3707

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

37-Rb-79



37-Rb-79

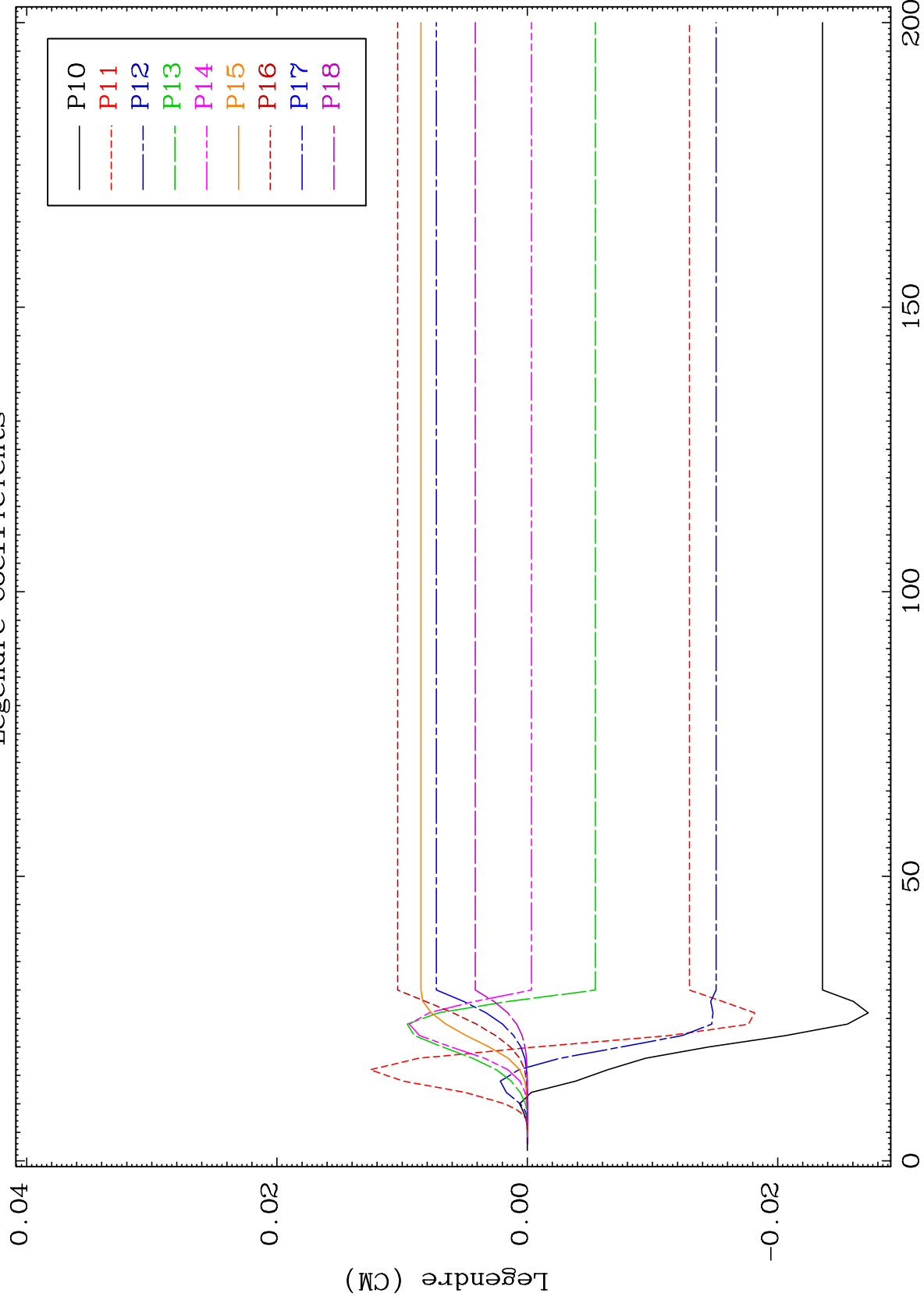
Incident Energy (MeV)

108

MAT 3707

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

37-Rb-79



109

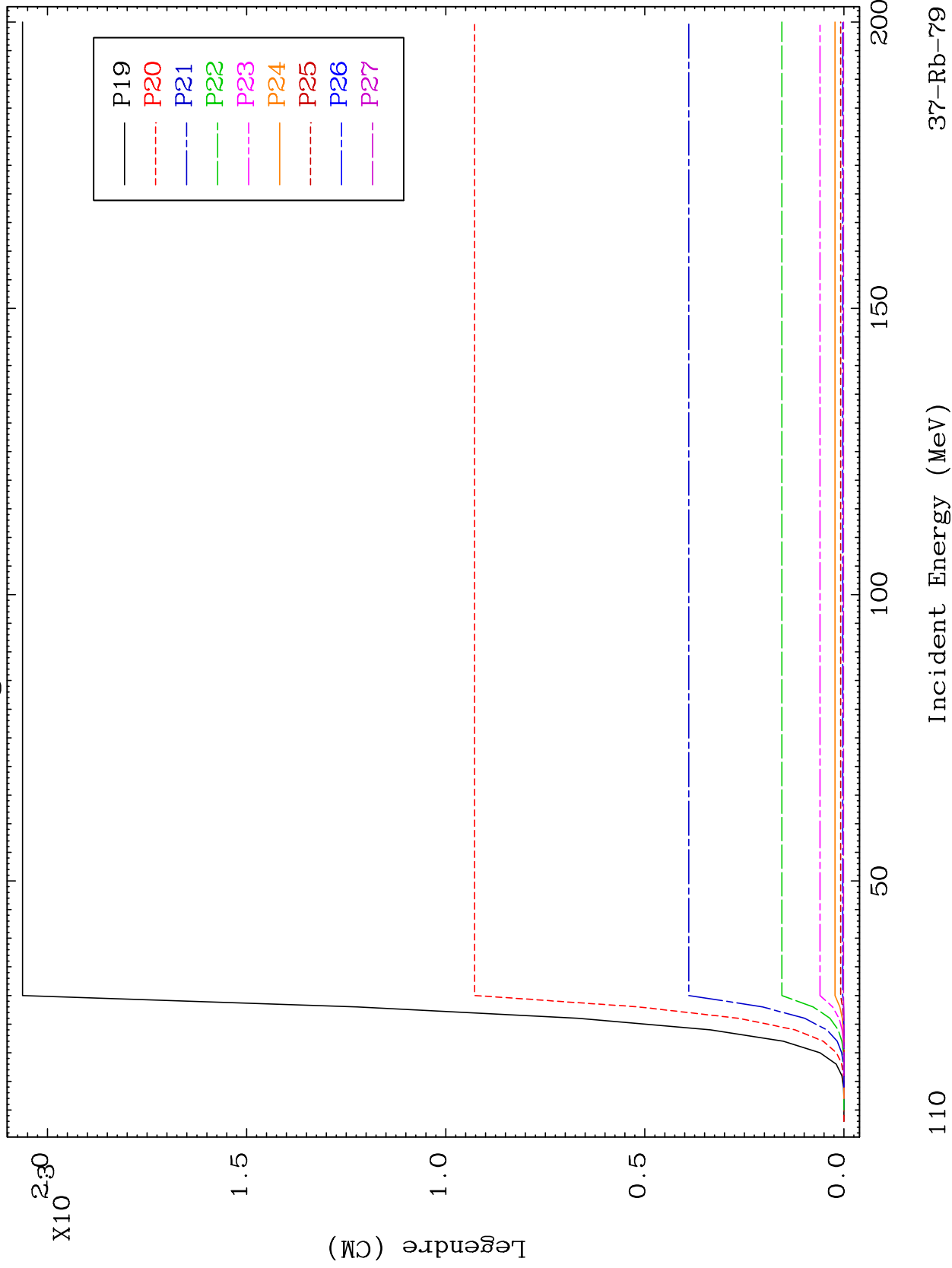
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



110

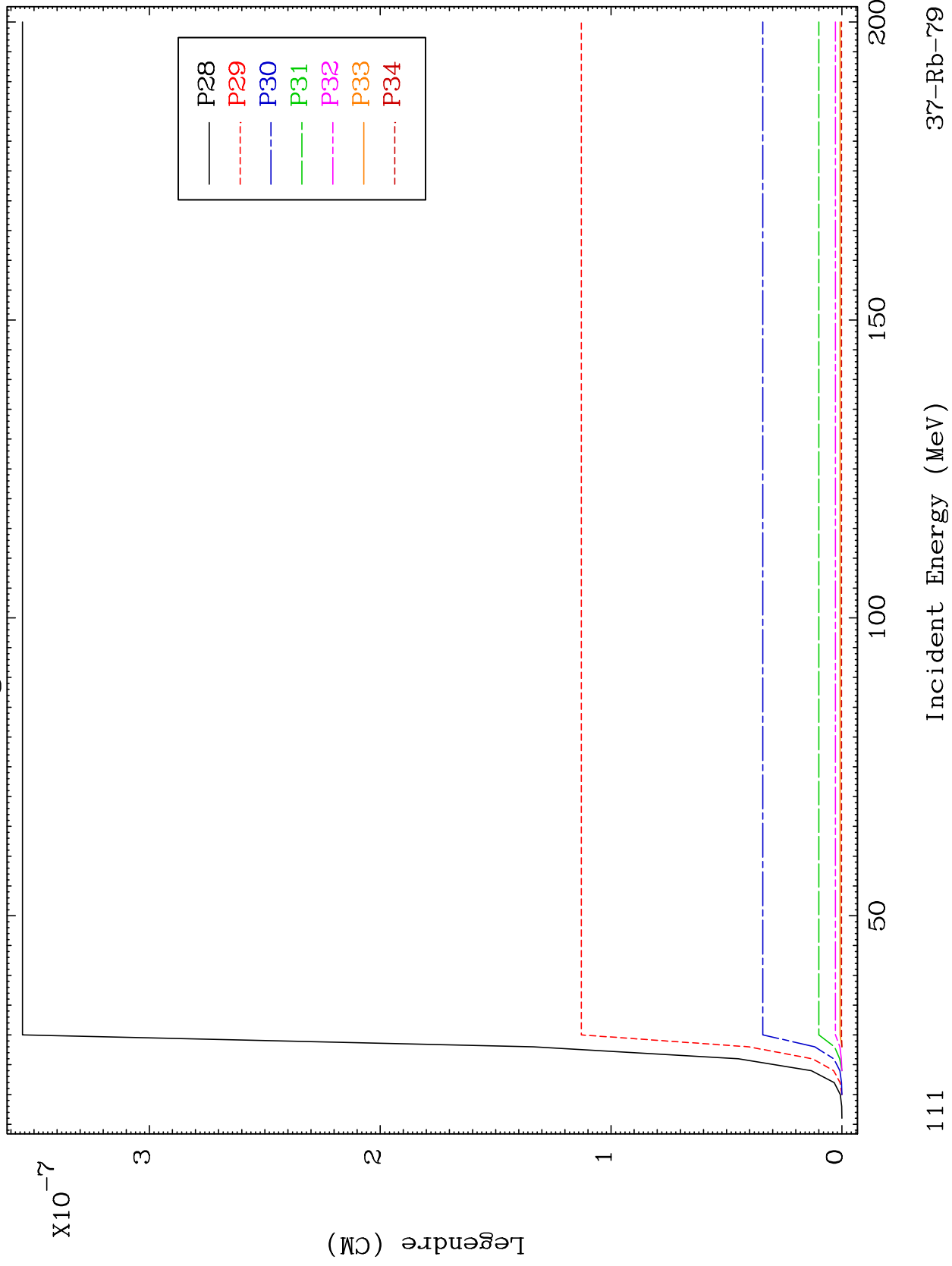
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

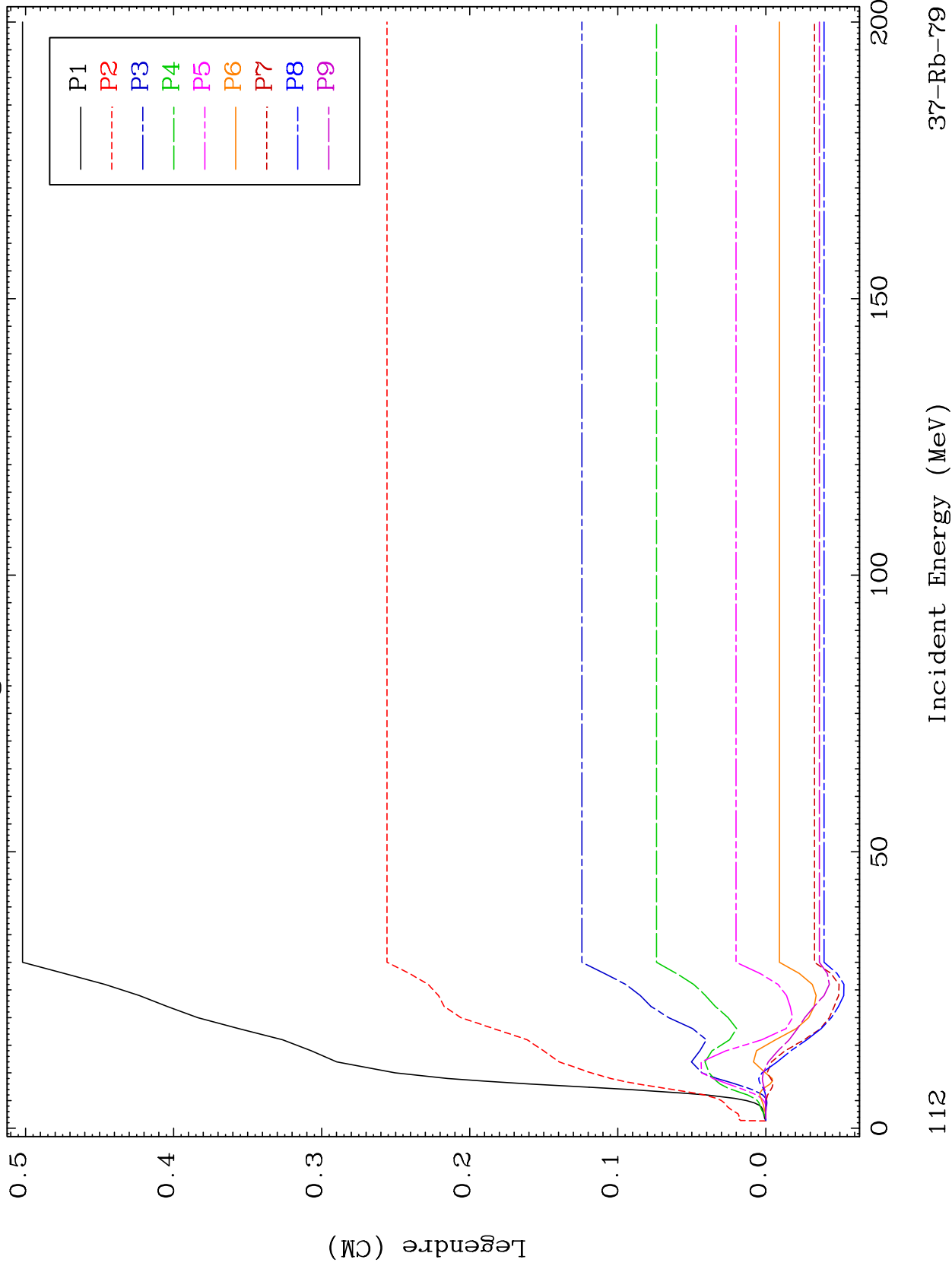
37-Rb-79



MAT 3707

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

37-Rb-79



112

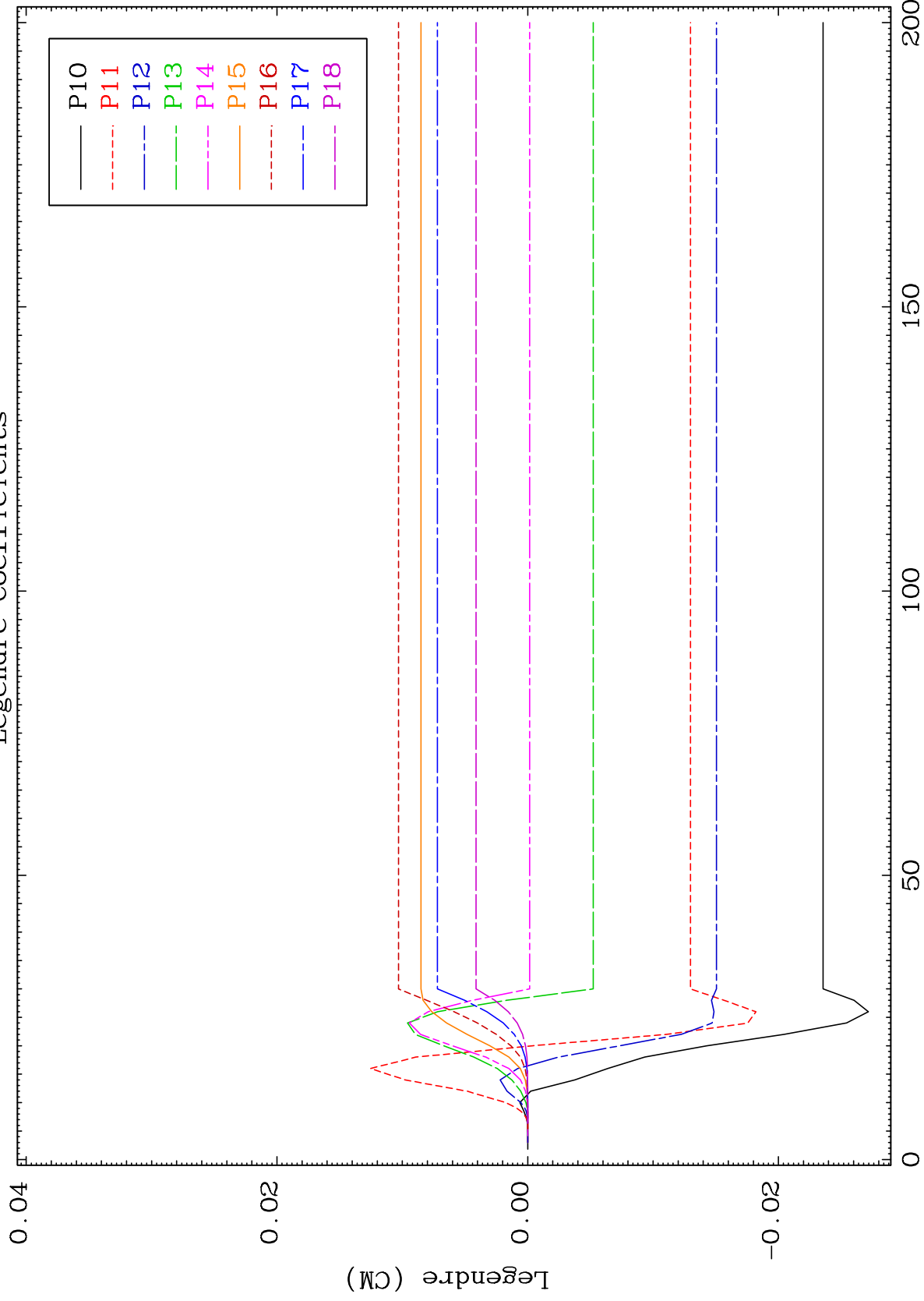
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



113

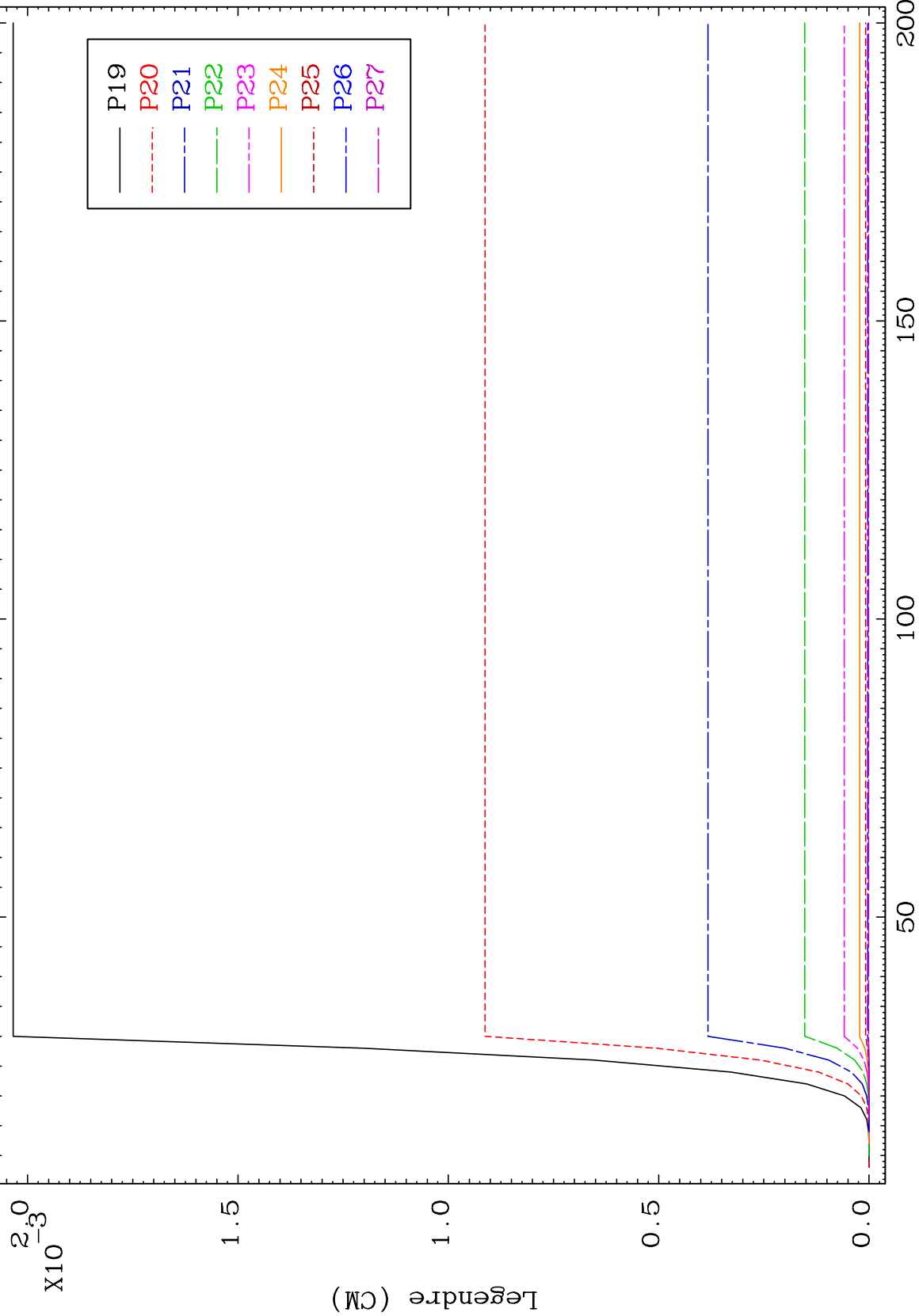
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



114

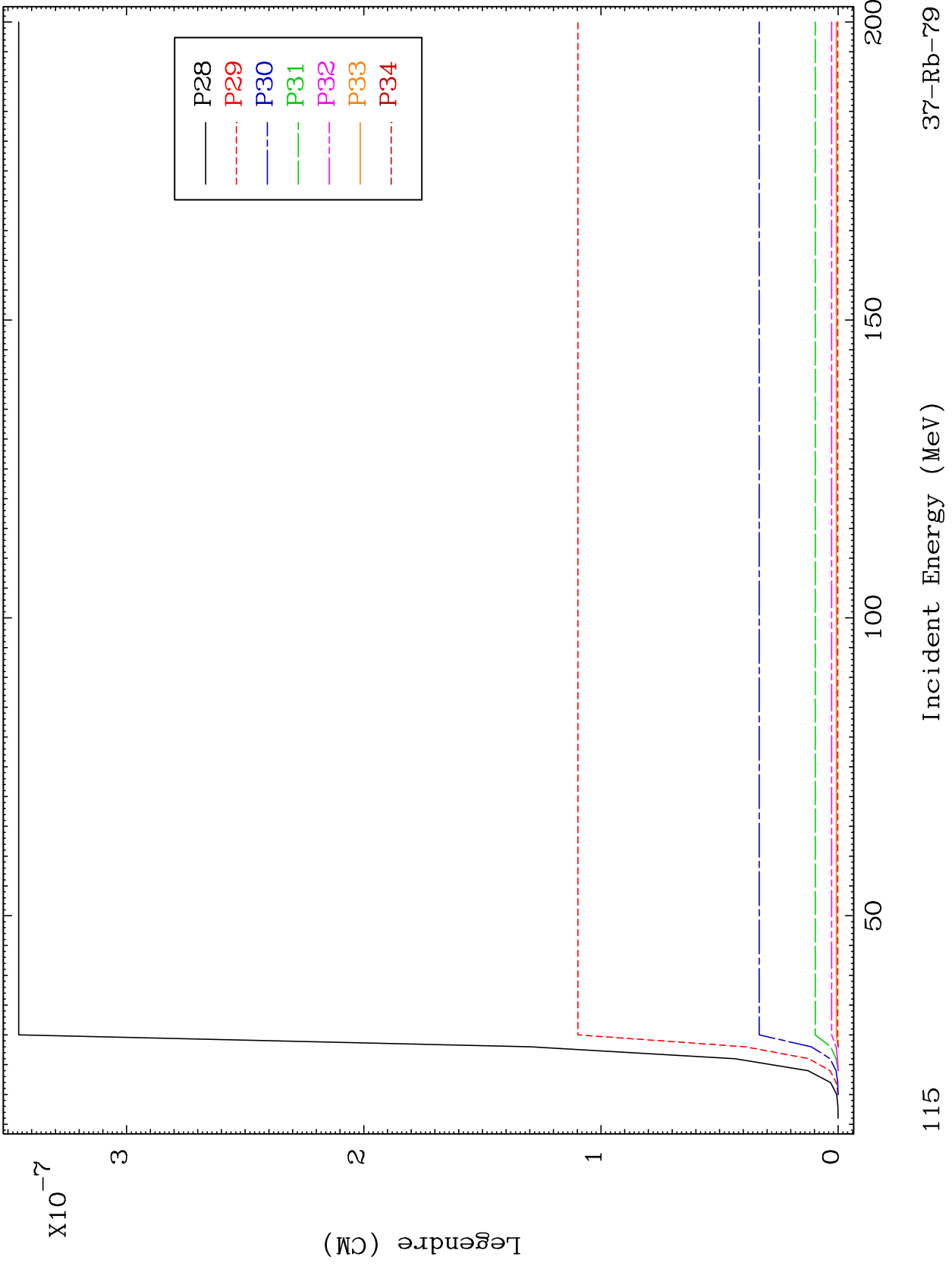
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



115

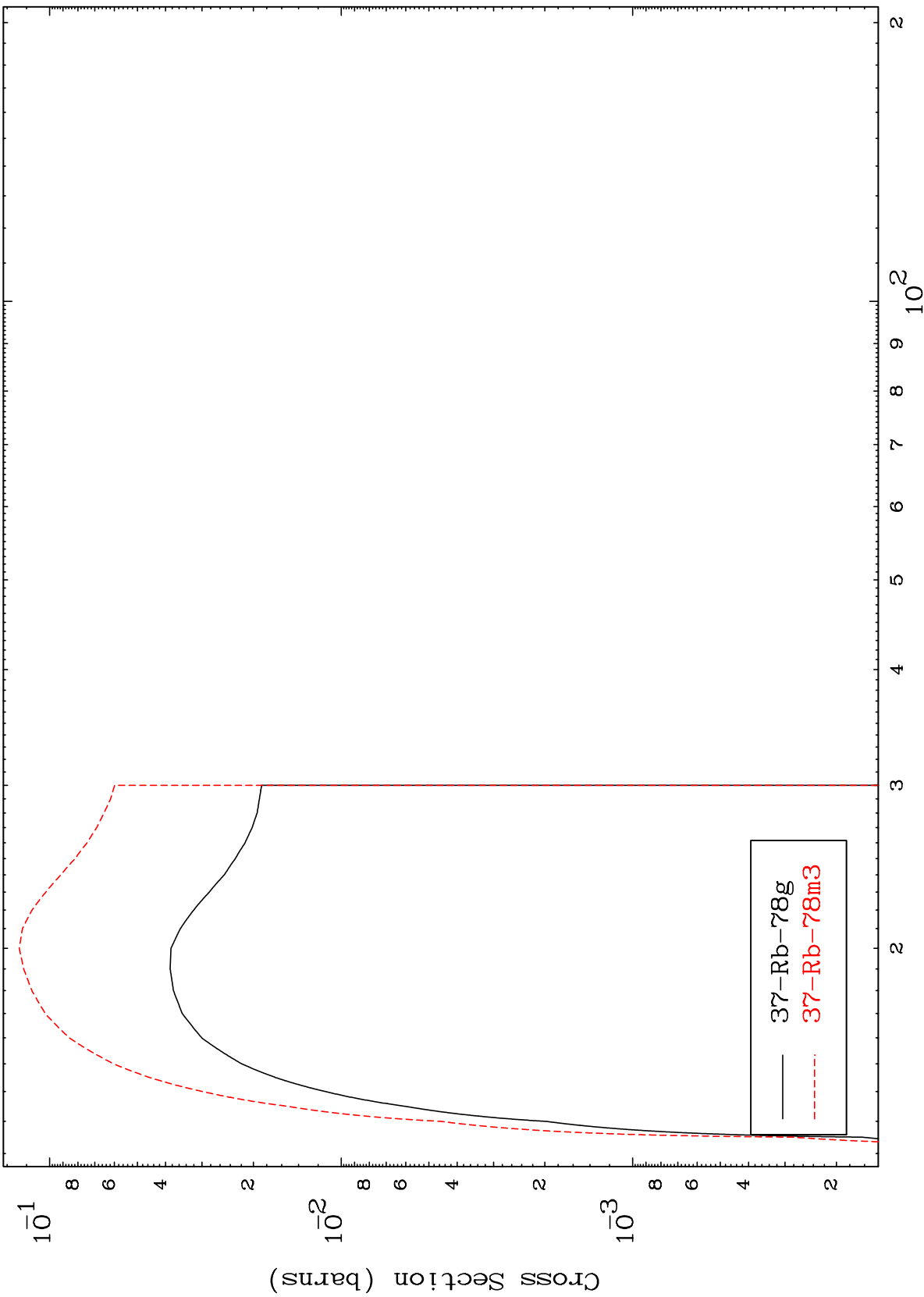
Incident Energy (MeV)

37-Rb-79

MAT 3707

37-Rb-79

(n,2n)
Radionuclide Production Cross Section



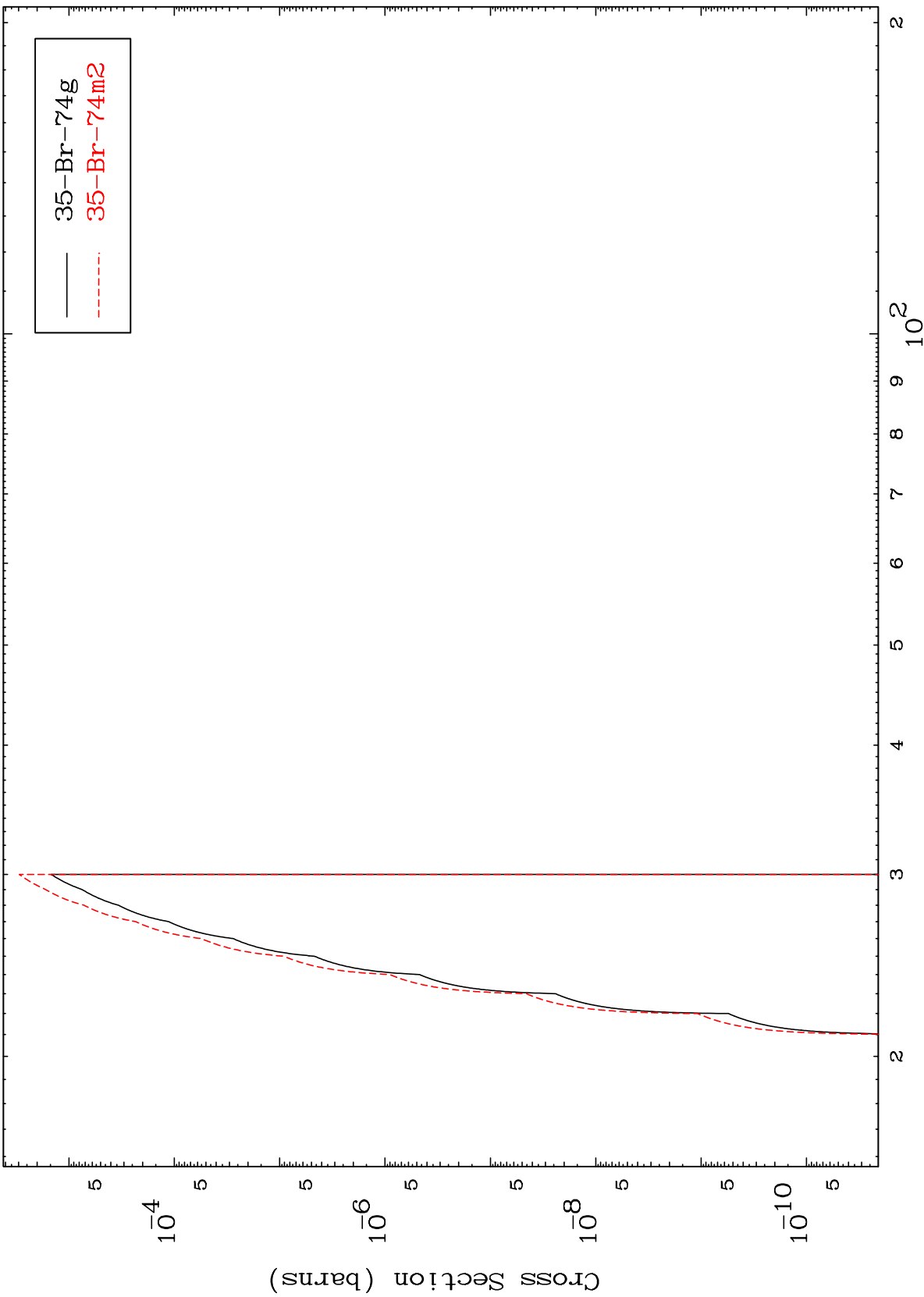
116

37-Rb-79

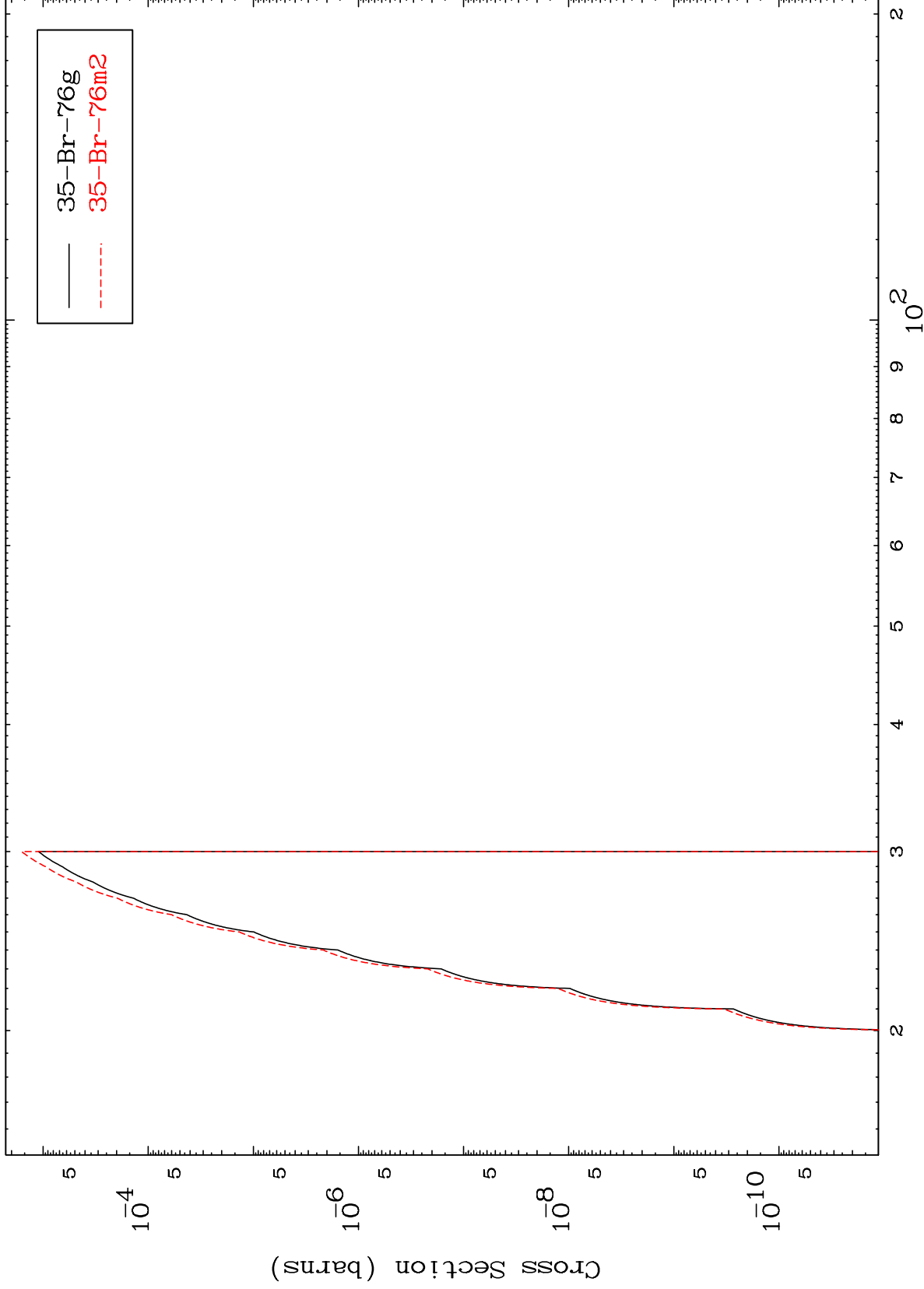
Incident Energy (MeV)

(n,2n) α

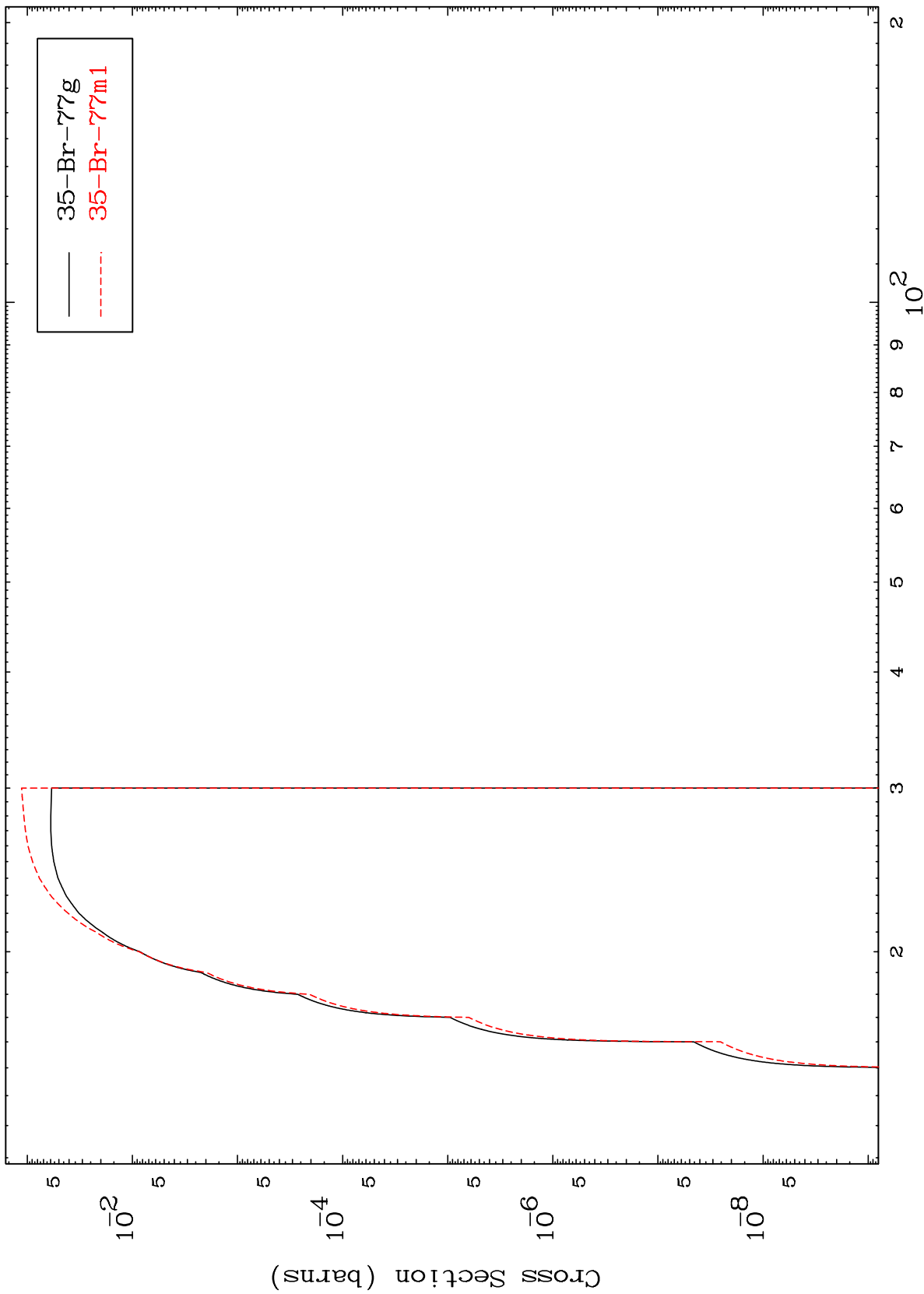
Radionuclide Production Cross Section



Radionuclide Production Cross Section

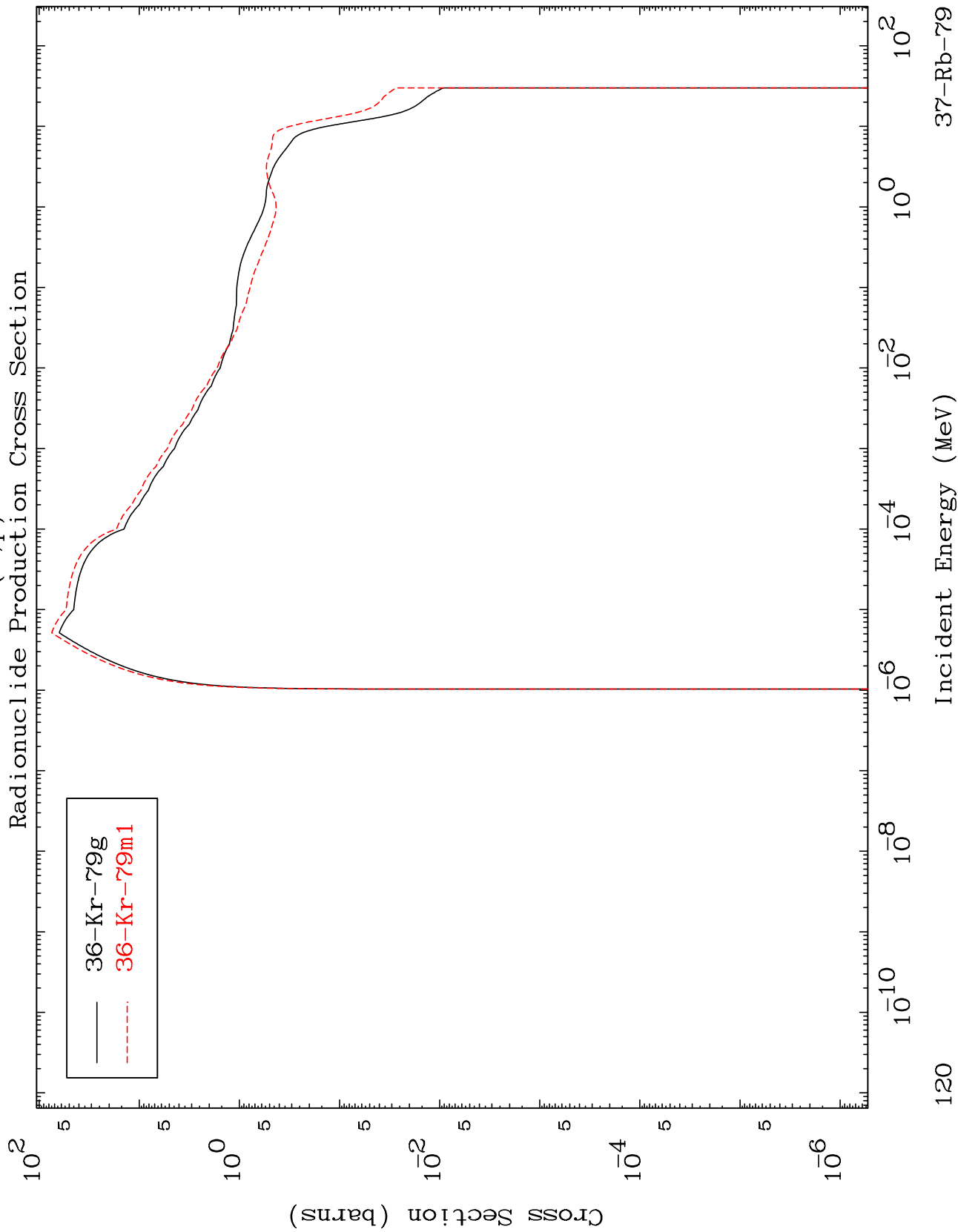


(n,2n) p
Radionuclide Production Cross Section



MAT 3707

37-Rb-79

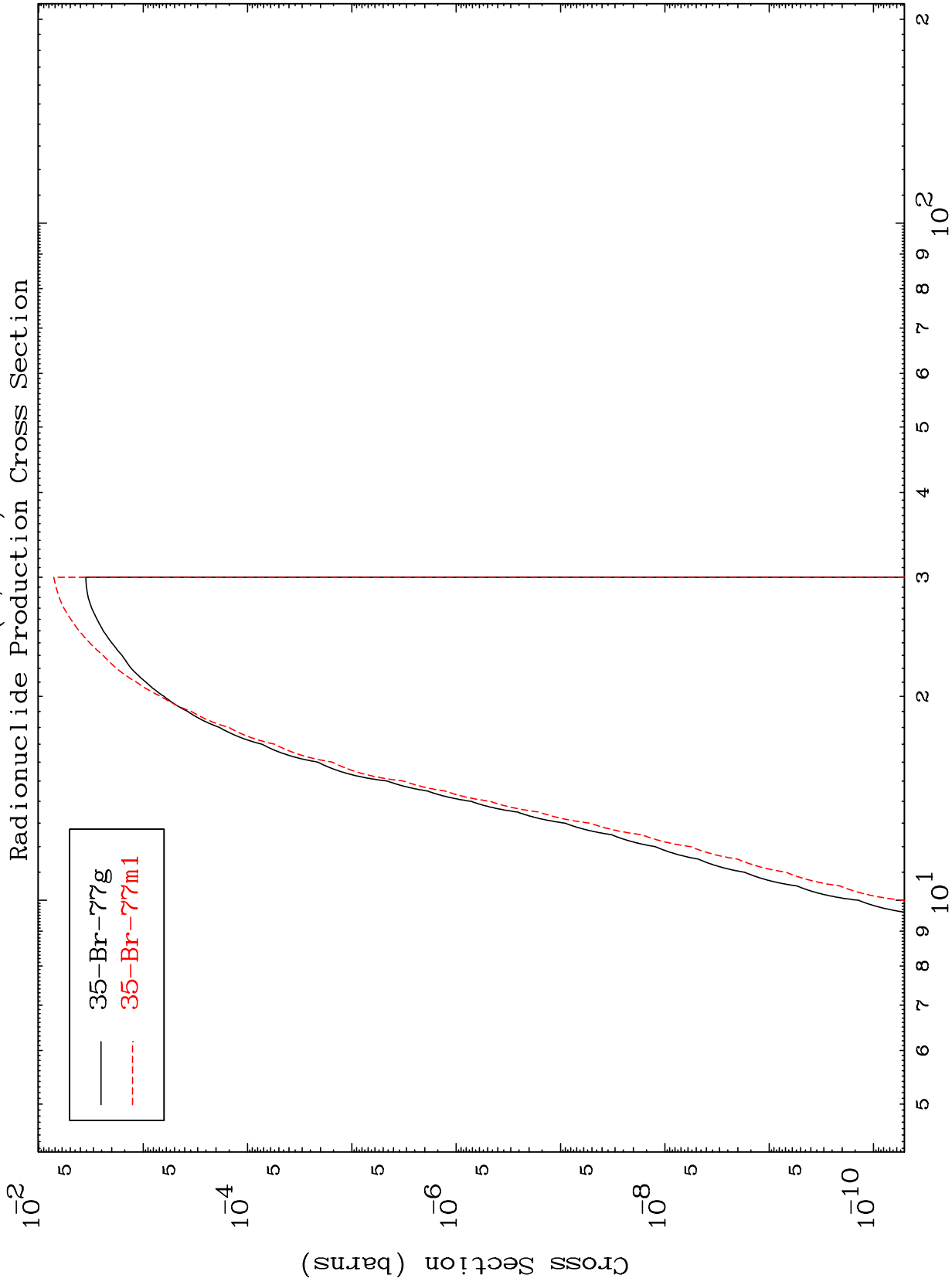


MAT 3707

(n,He-3)

37-Rb-79

Radionuclide Production Cross Section



121

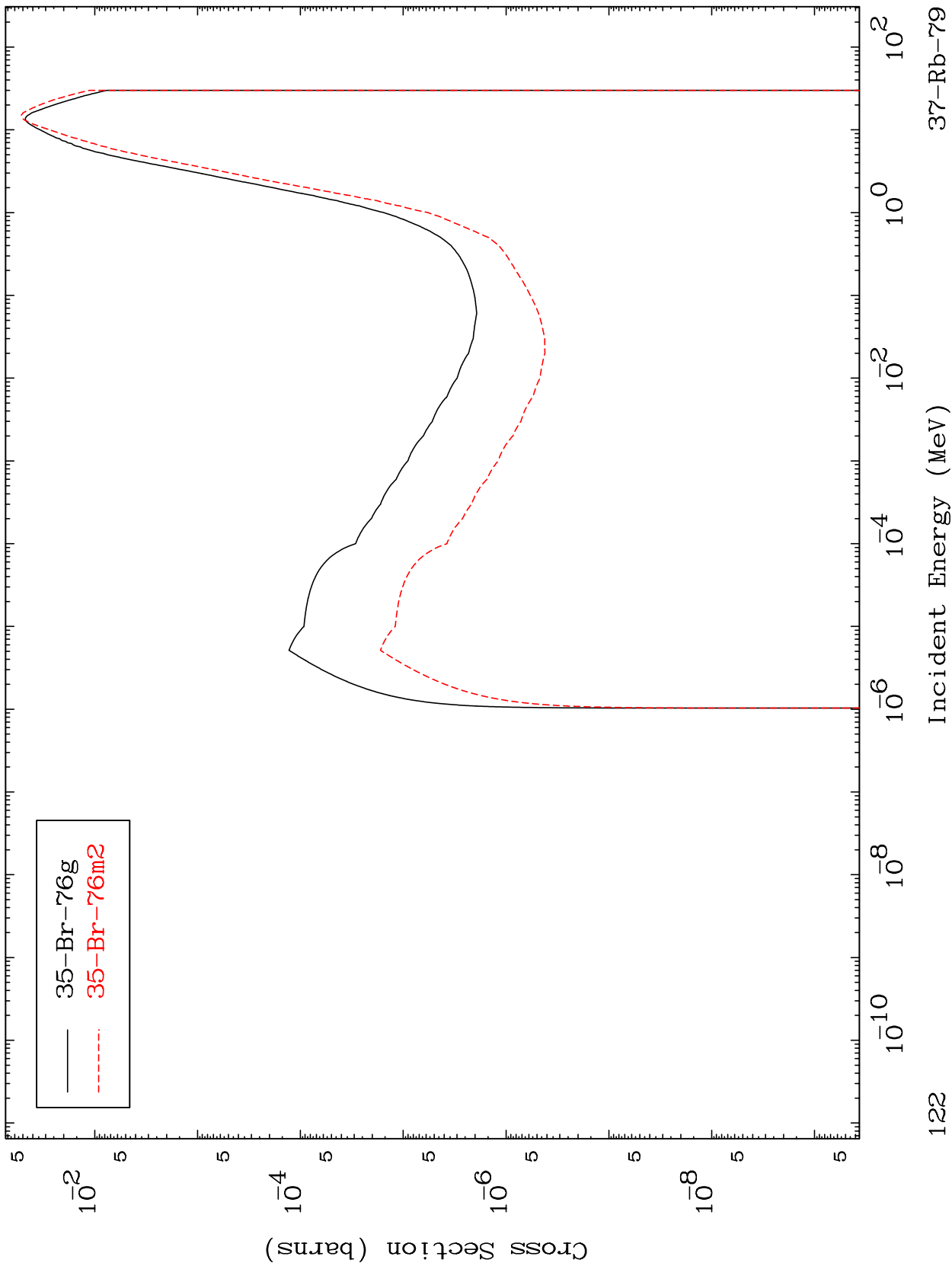
Incident Energy (MeV)

37-Rb-79

MAT 3707

³⁷Rb-79

Radionuclide Production Cross Section
(n,α)

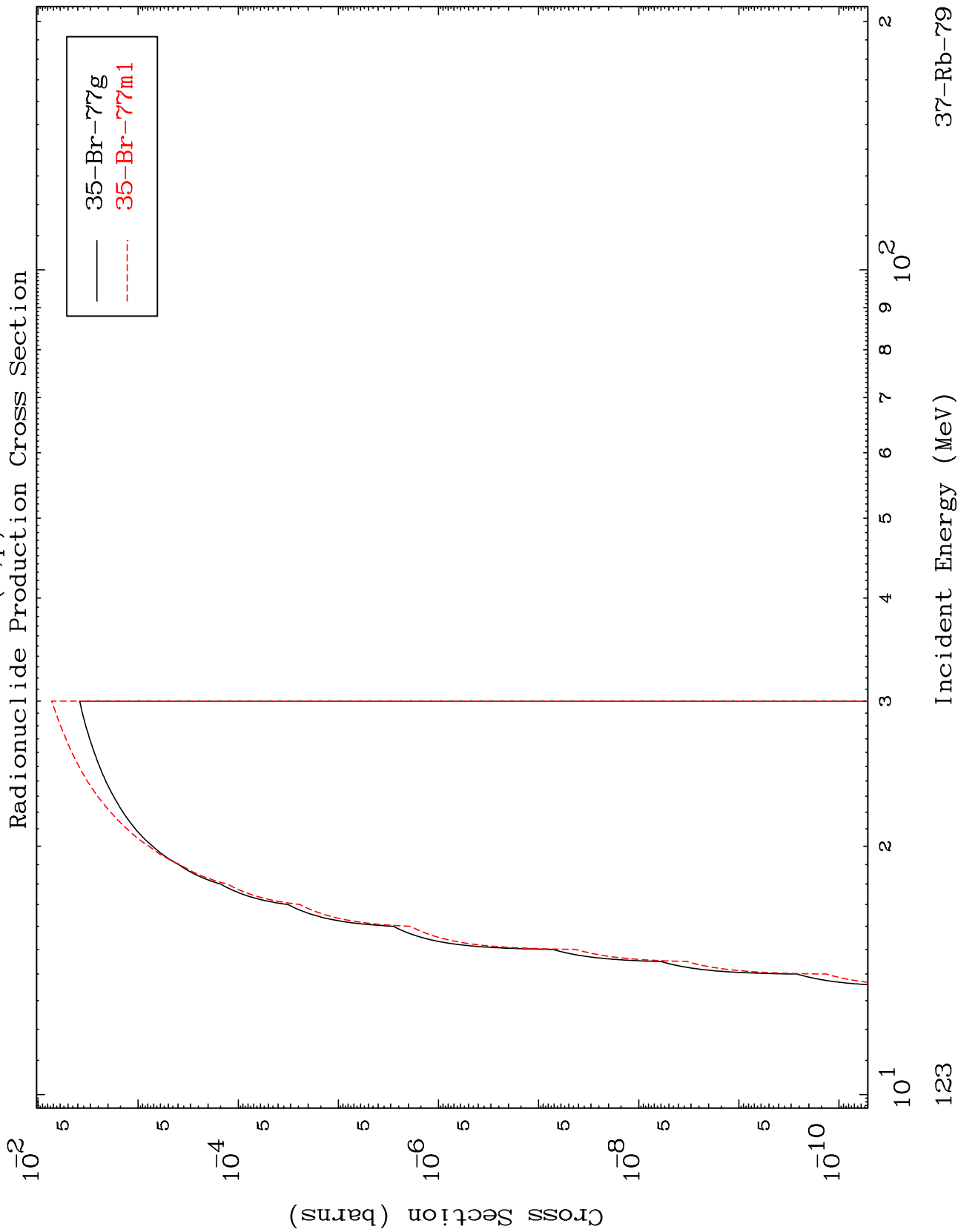


— 35-Br-76g
- - - 35-Br-76m2

MAT 3707

(n,p) d

37-Rb-79



Radionuclide Production Cross Section

