

Program EVALPLOT
(Version 2017-1)

by

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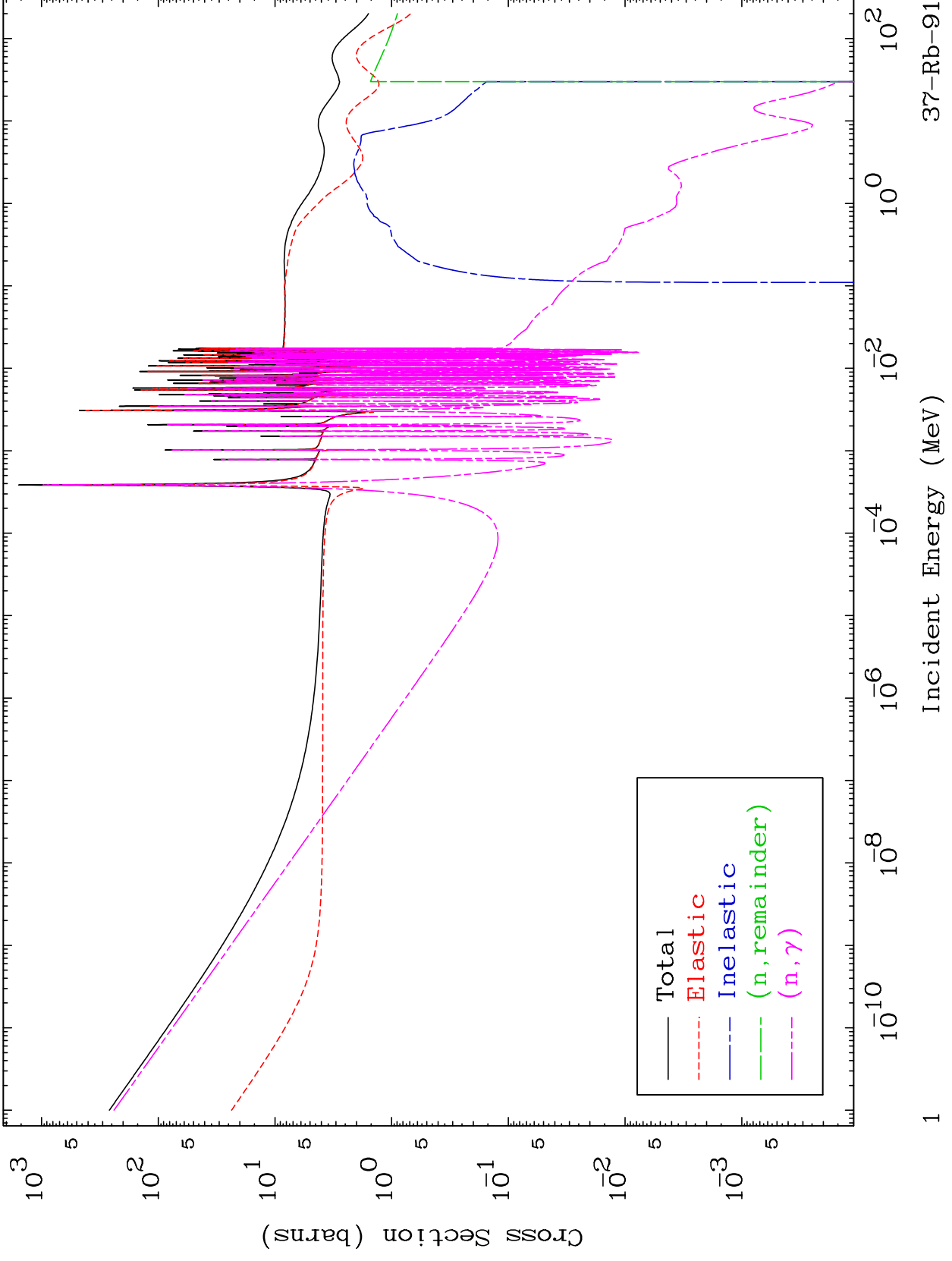
Press Mouse Button to Start

MAT 3743

Major

293 Kelvin Cross Sections

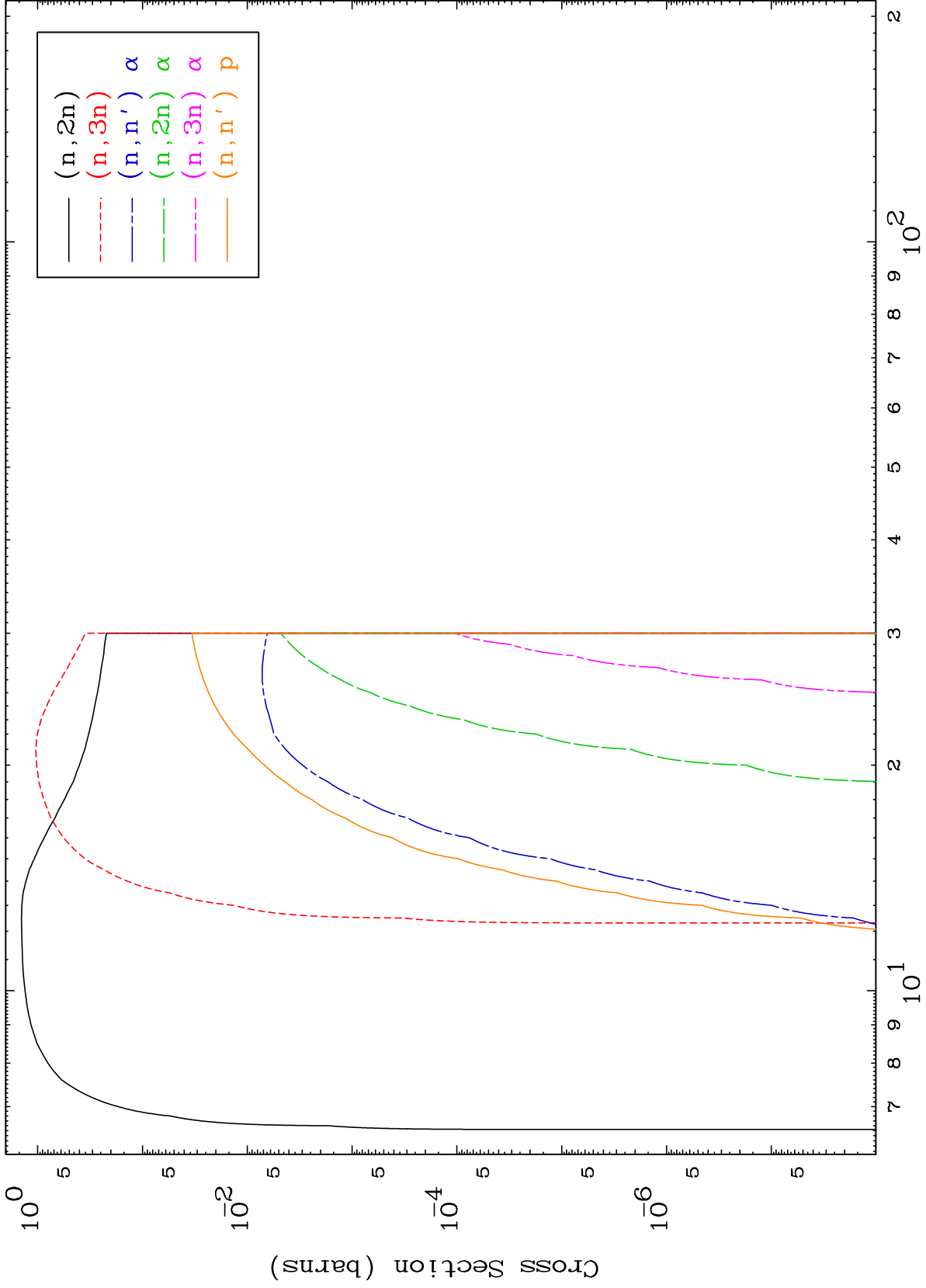
37-Rb-91



MAT 3743

Neutron Production
293 Kelvin Cross Sections

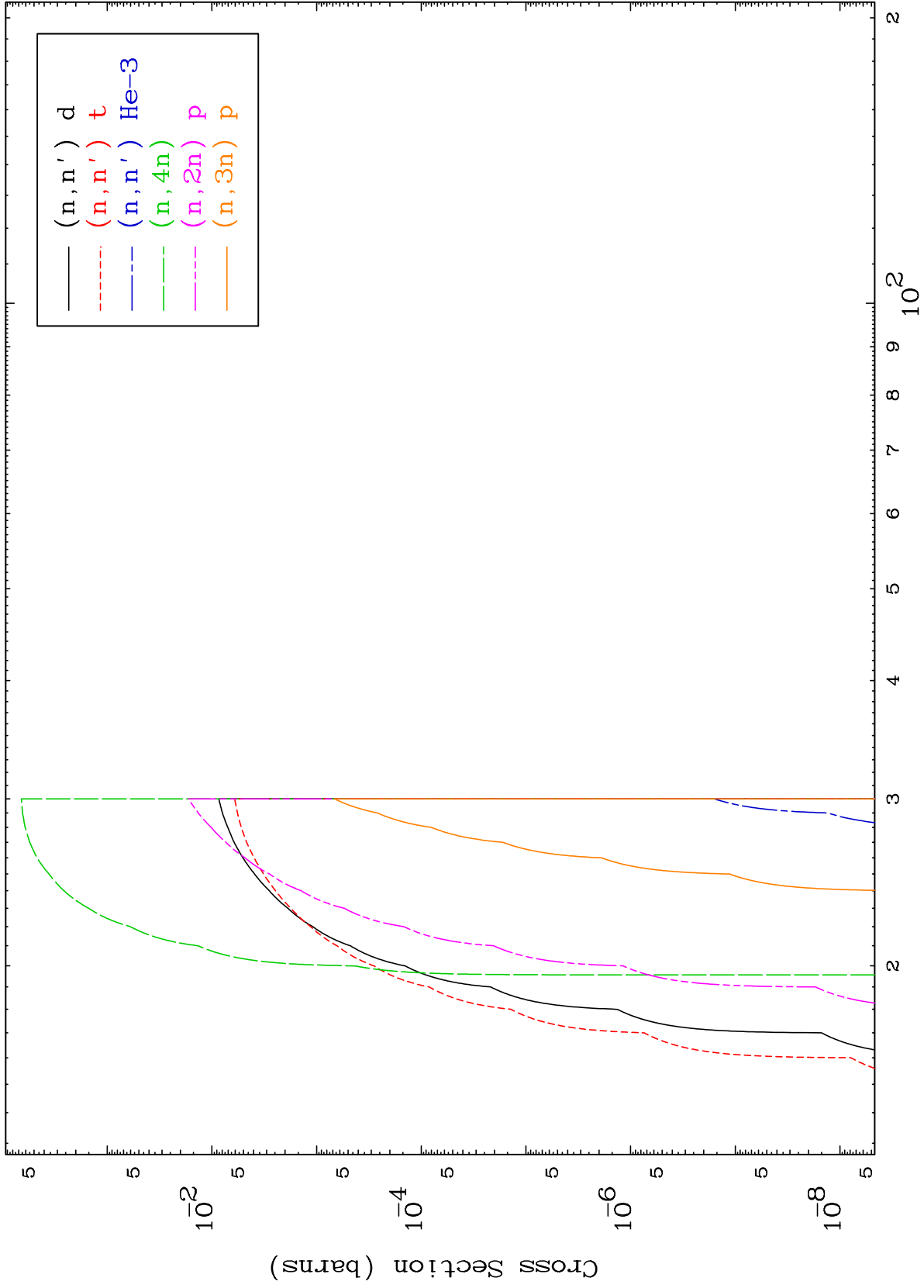
37-Rb-91



2

Incident Energy (MeV)

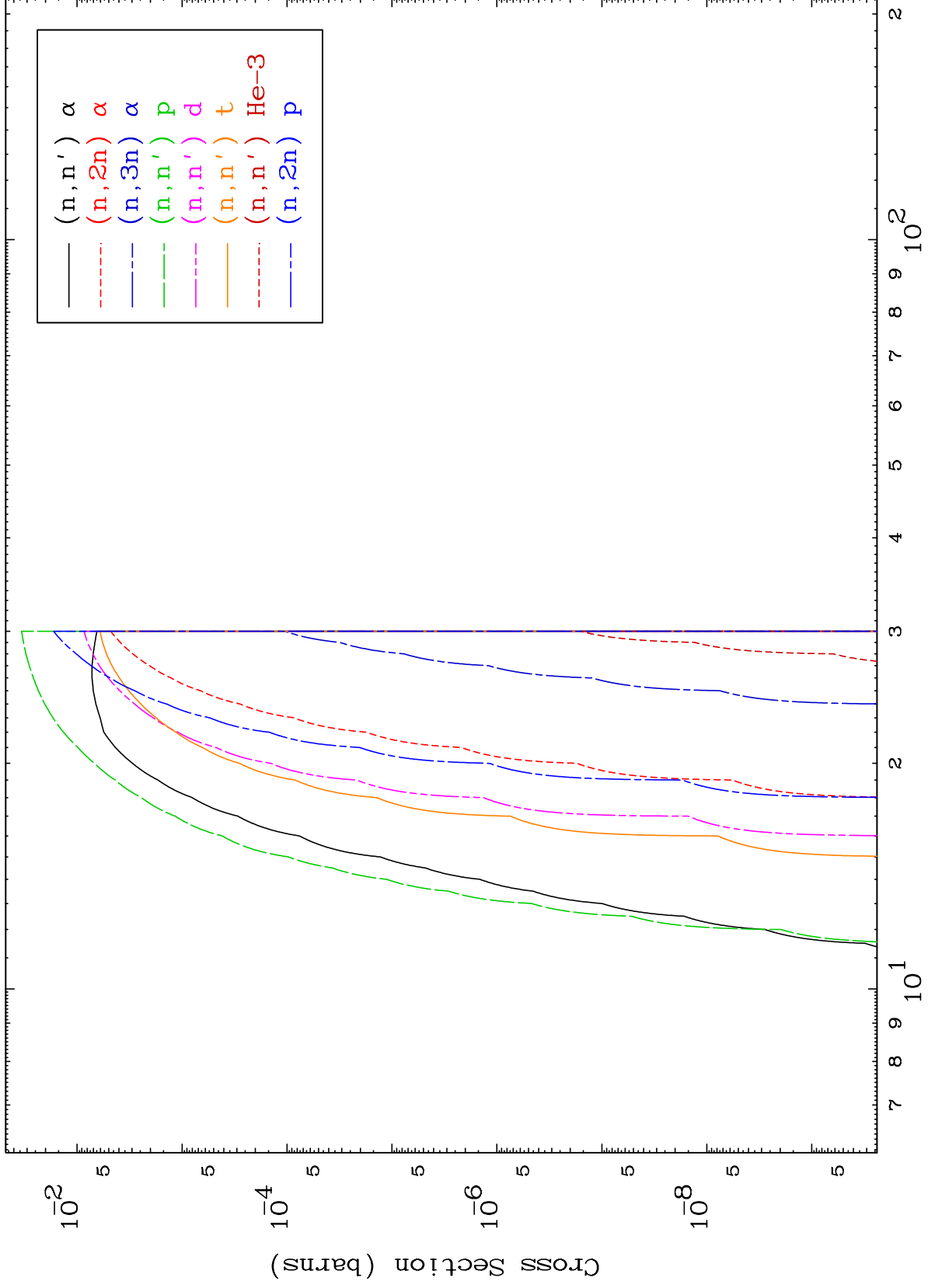
37-Rb-91

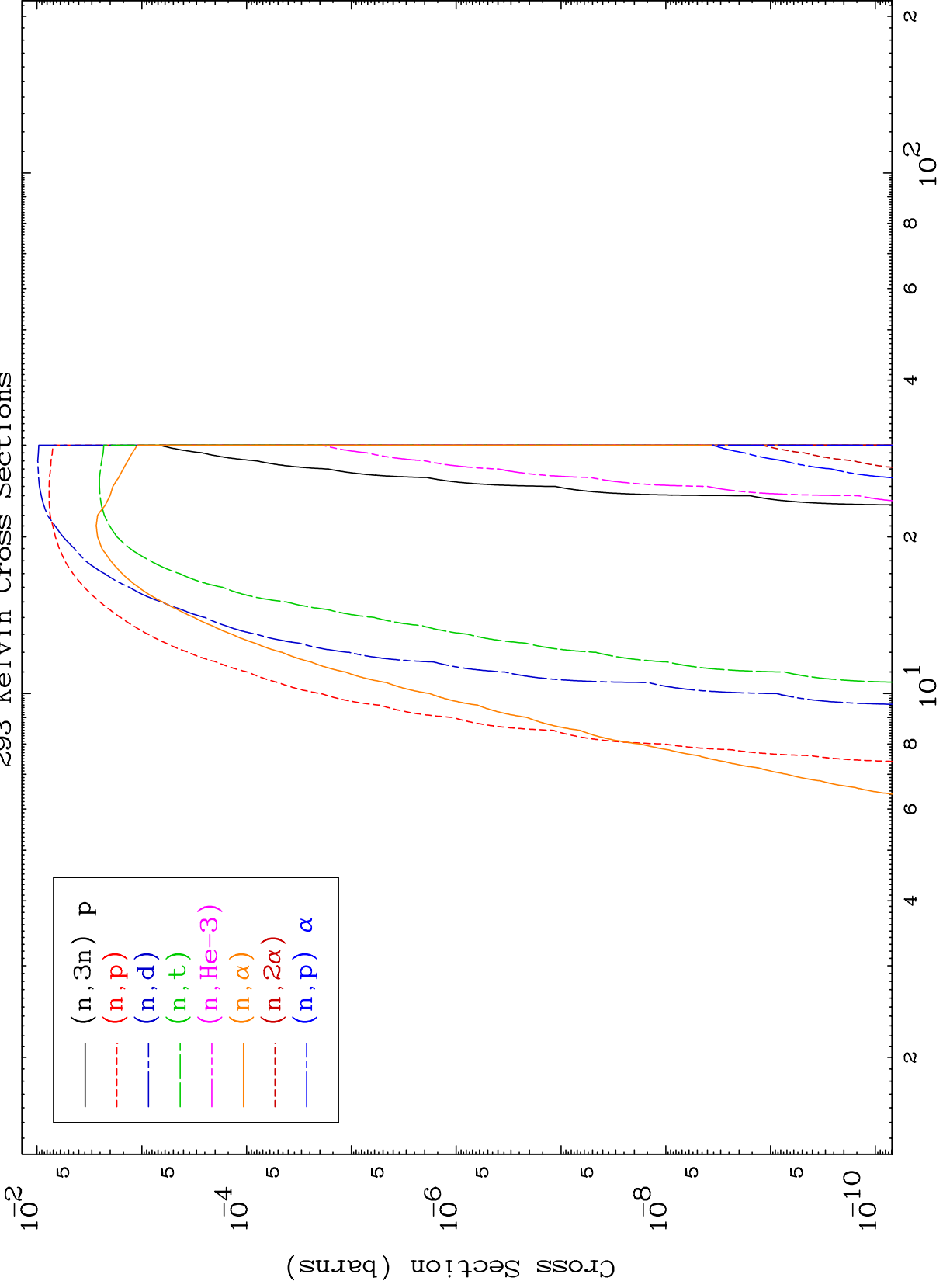


MAT 3743

Charged Particle
293 Kelvin Cross Sections

³⁷Rb-91

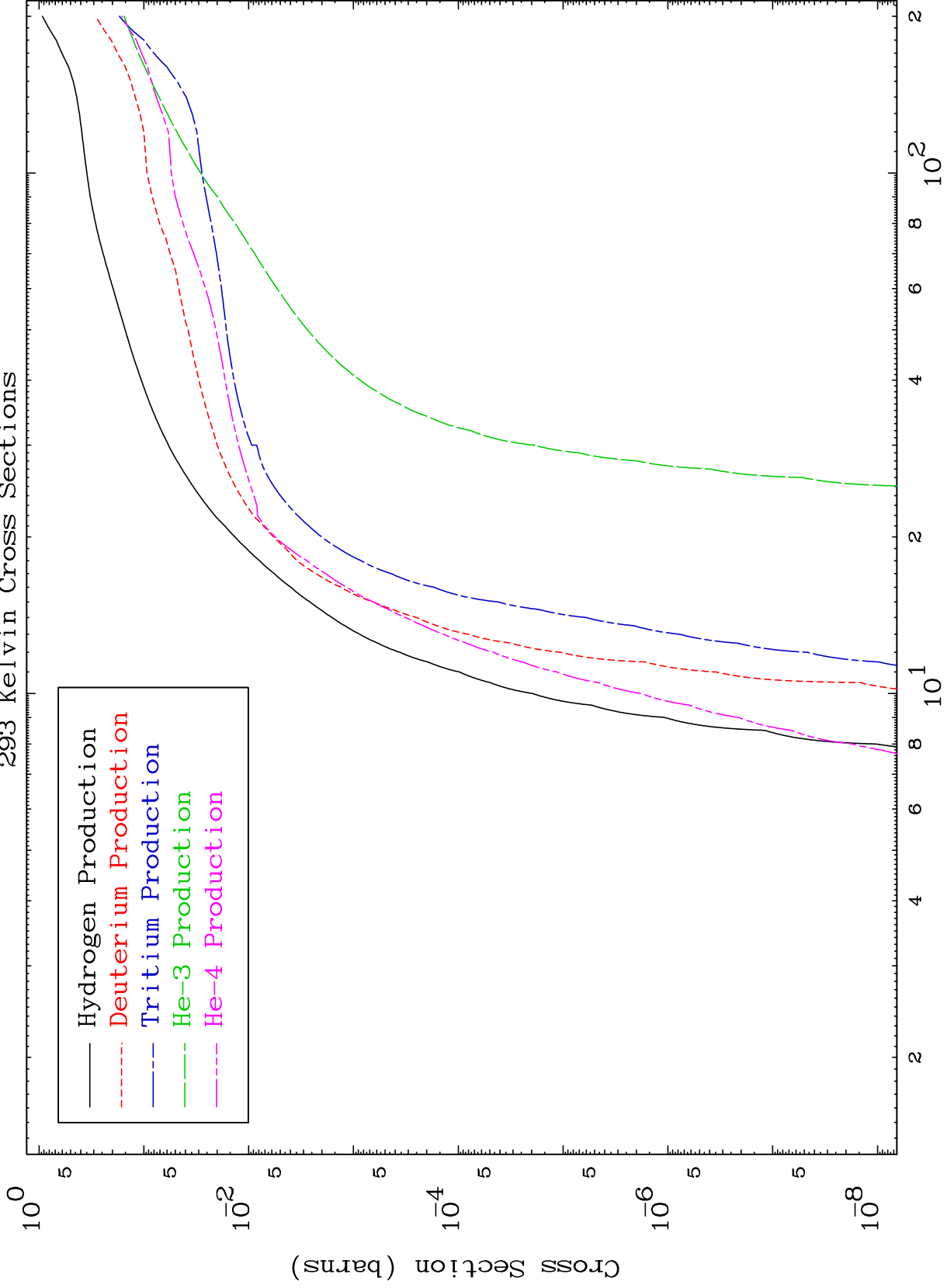




MAT 3743

Particle Production
293 Kelvin Cross Sections

37-Rb-91



6

Incident Energy (MeV)

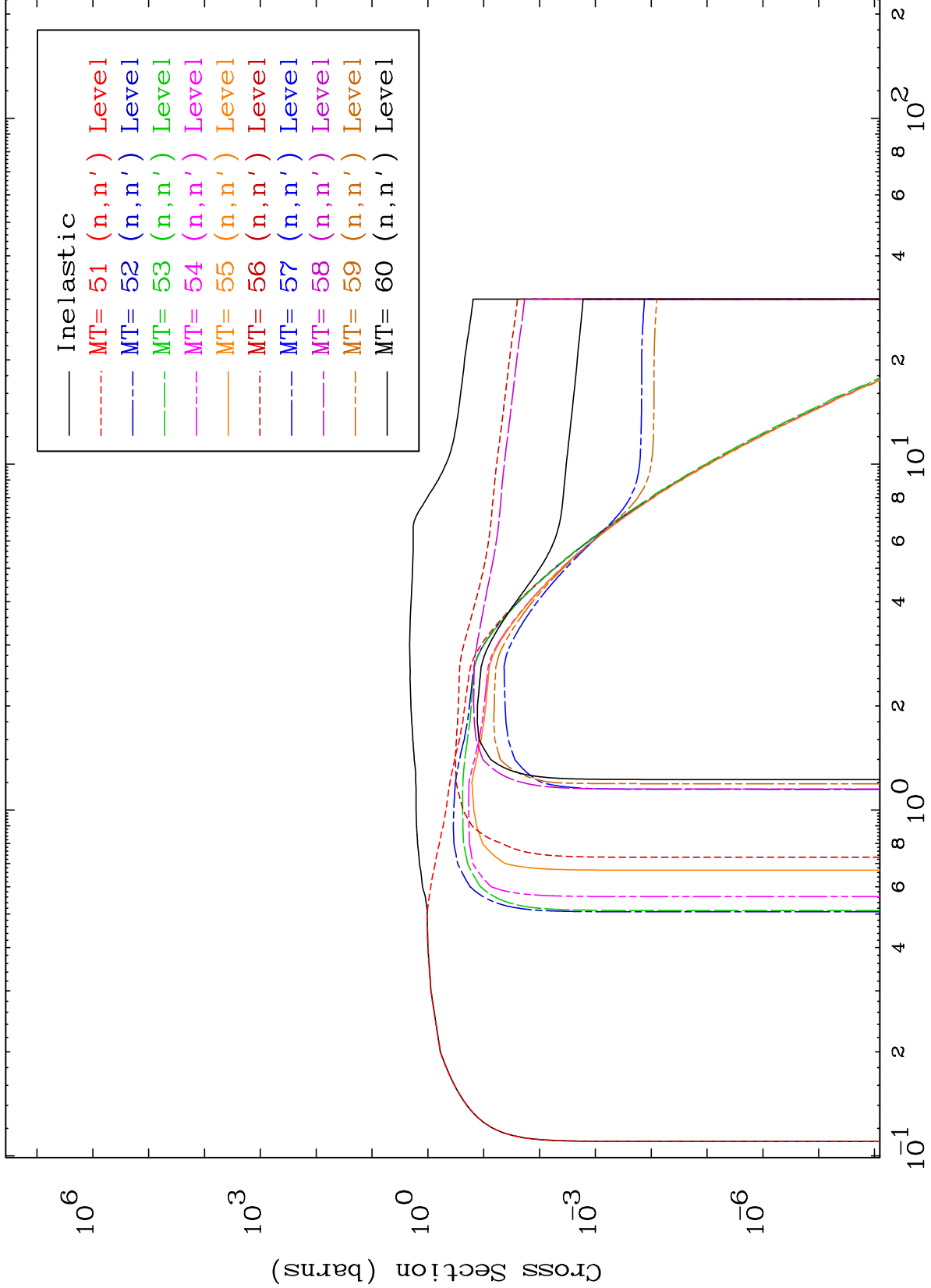
37-Rb-91

MAT 3743

(n,n') Level

37-Rb-91

293 Kelvin Cross Sections



Incident Energy (MeV)

37-Rb-91

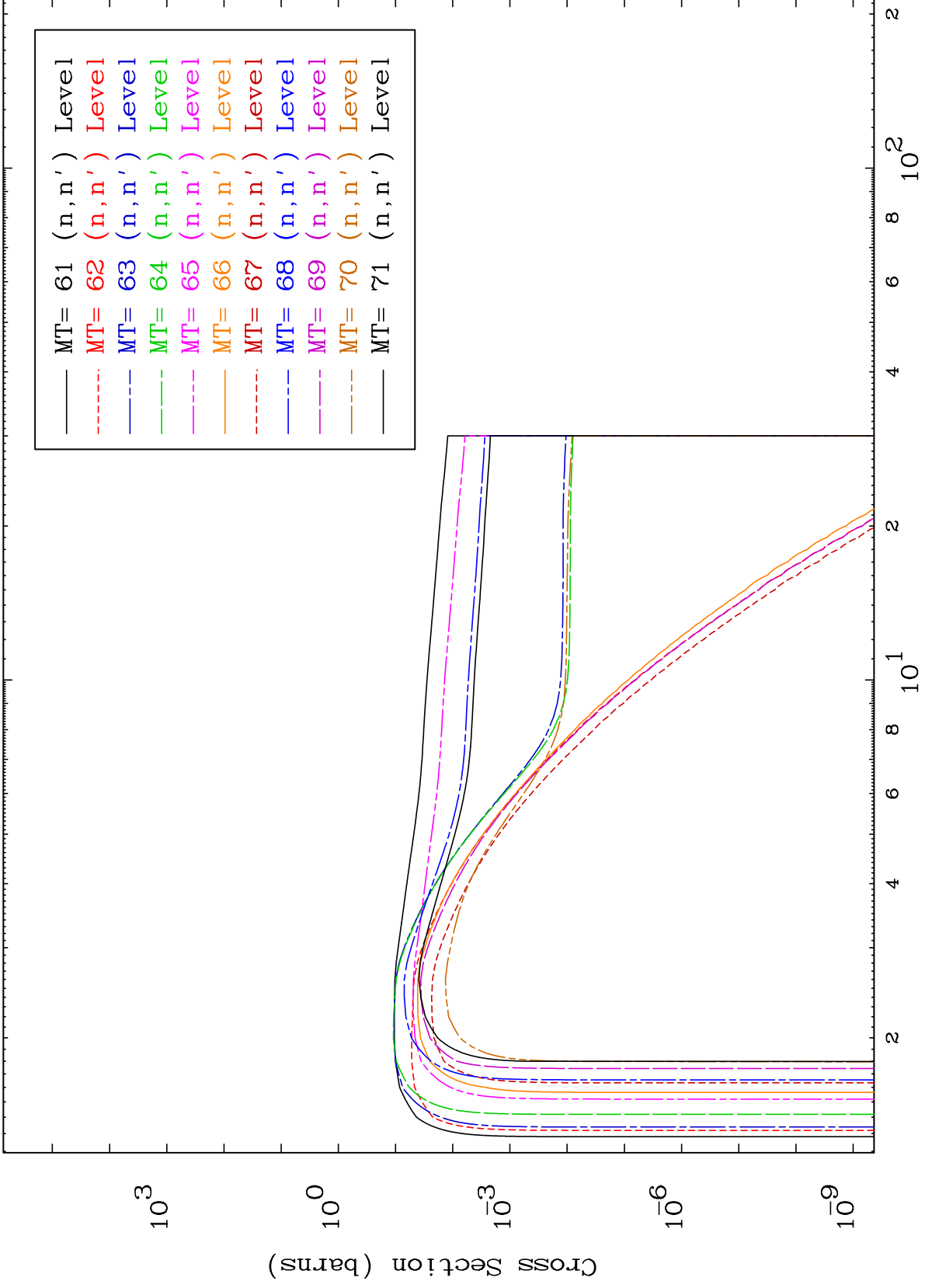
7

MAT 3743

(n,n') Level

37-Rb-91

293 Kelvin Cross Sections



8

Incident Energy (MeV)

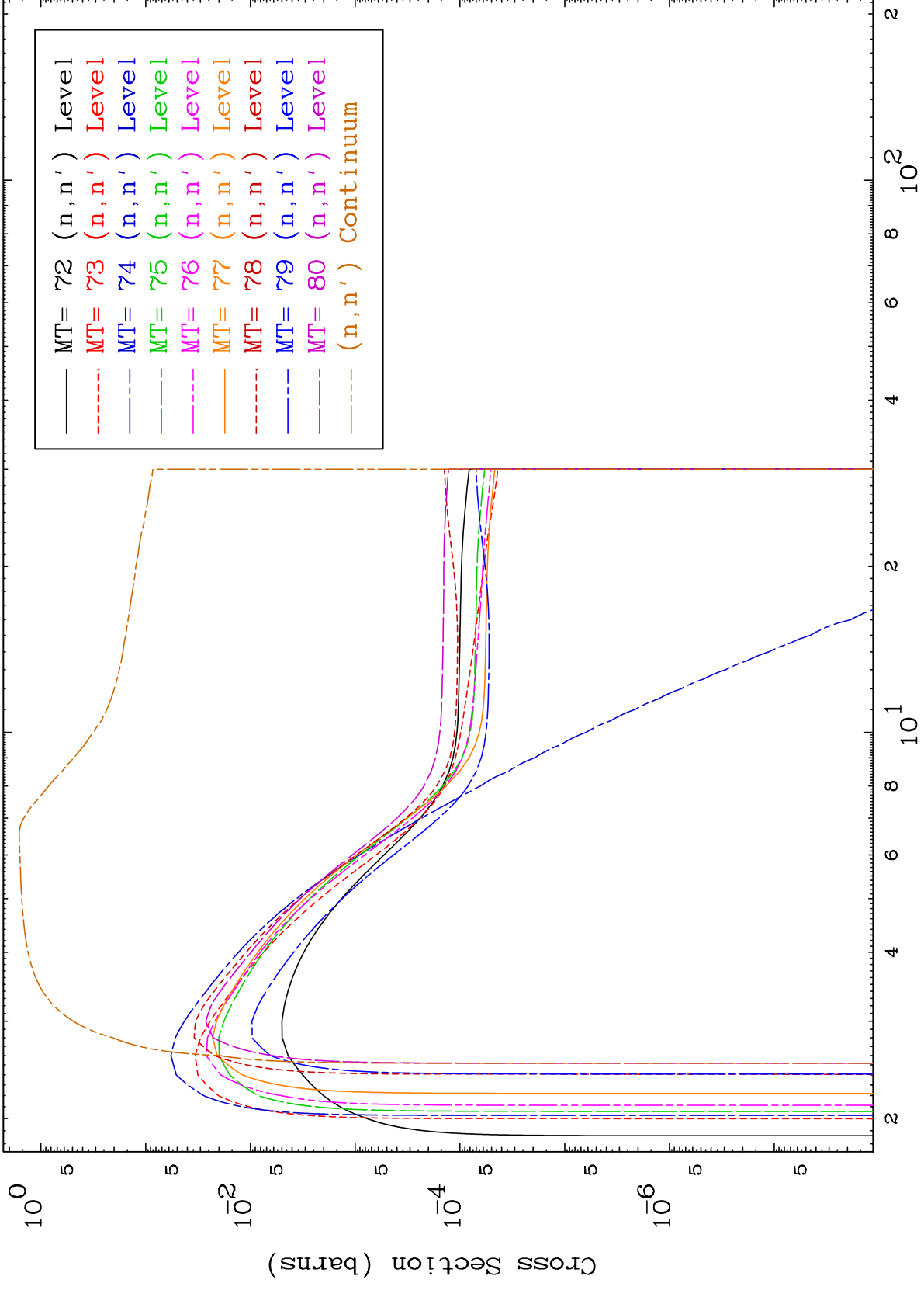
37-Rb-91

MAT 3743

(n,n') Level

37-Rb-91

293 Kelvin Cross Sections



9

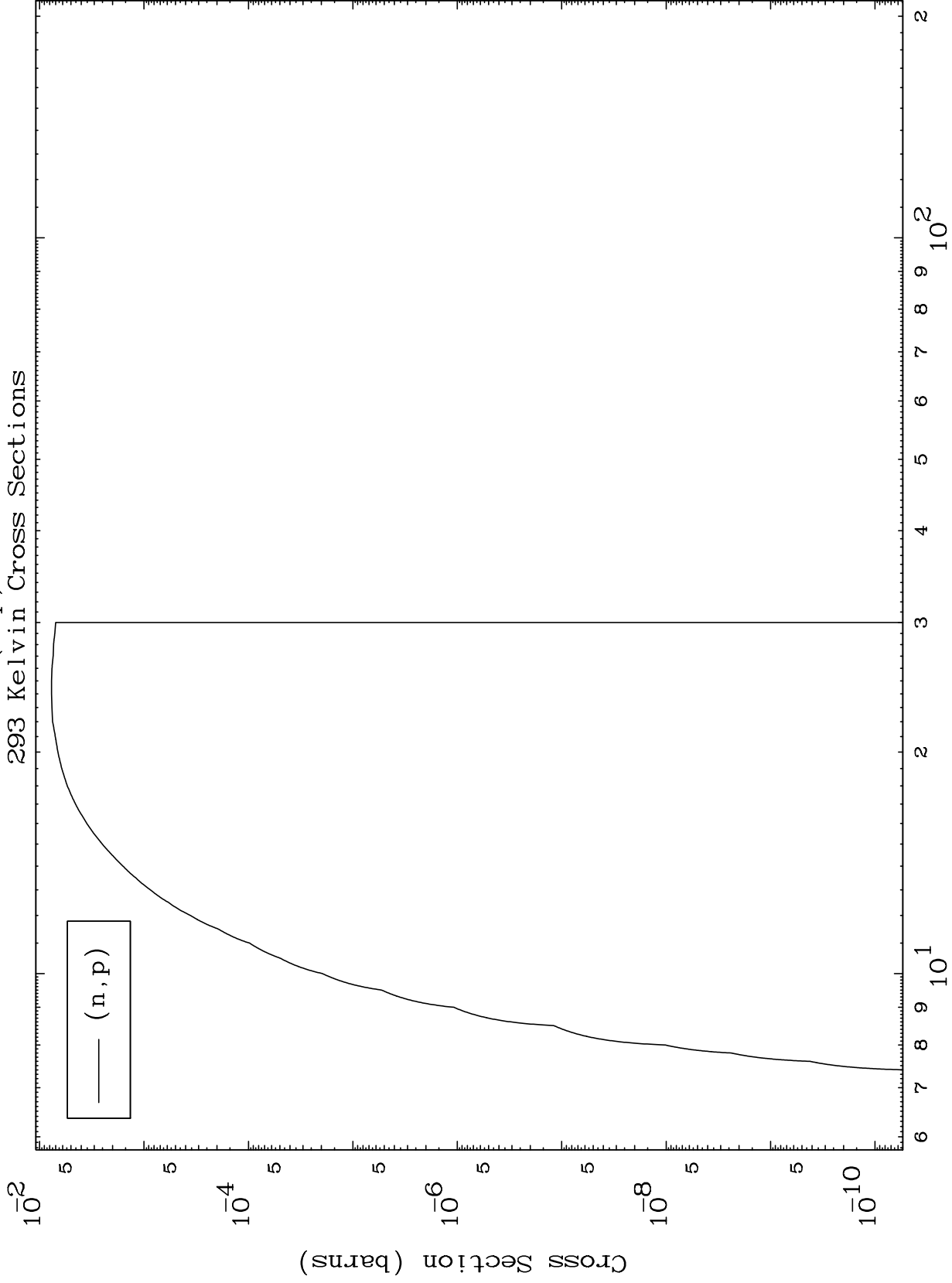
Incident Energy (MeV)

37-Rb-91

MAT 3743

37-Rb-91

(n,p) Levels
293 Kelvin Cross Sections



37-Rb-91

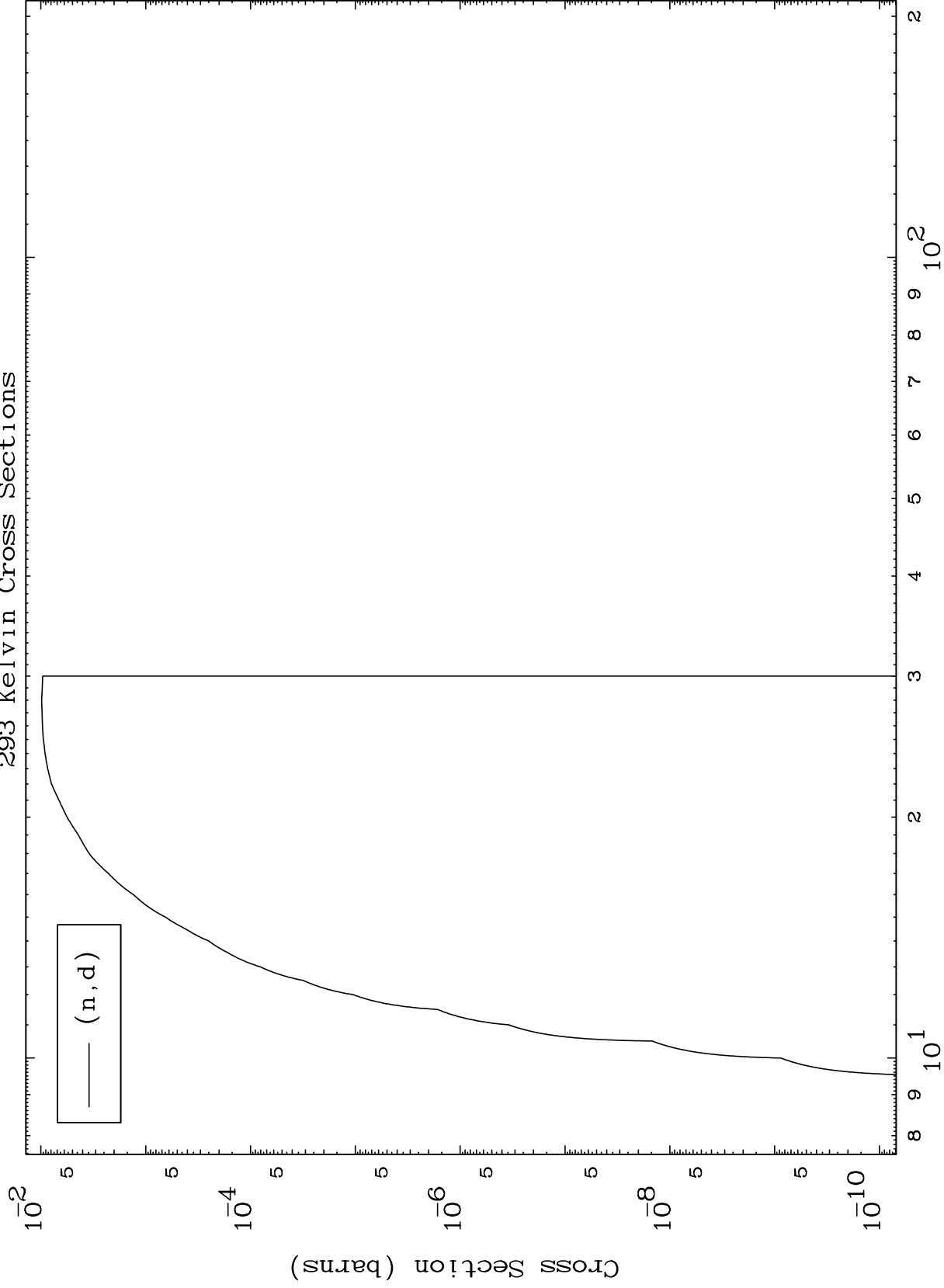
Incident Energy (MeV)

10

MAT 3743

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-91



11

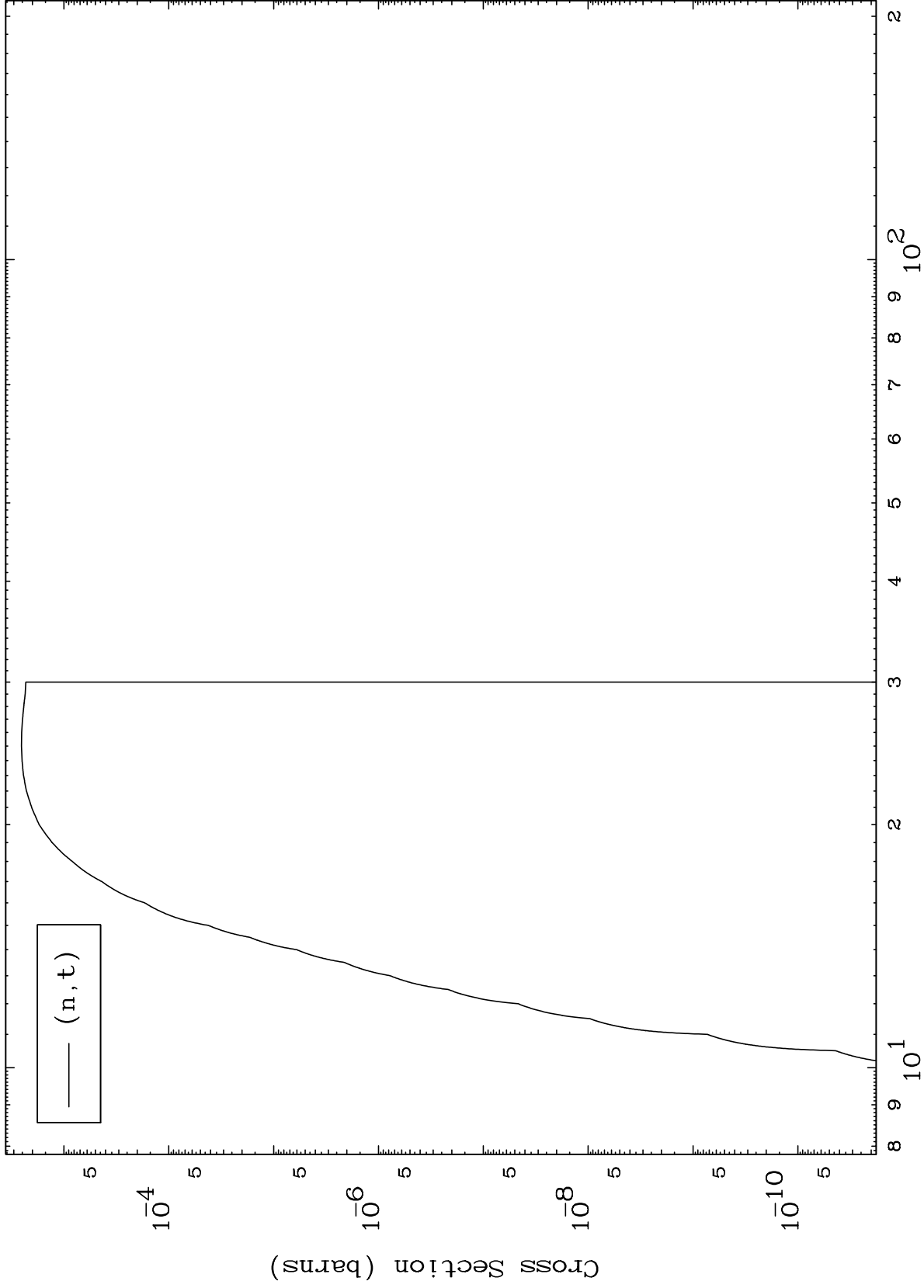
Incident Energy (MeV)

37-Rb-91

MAT 3743

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-91



12

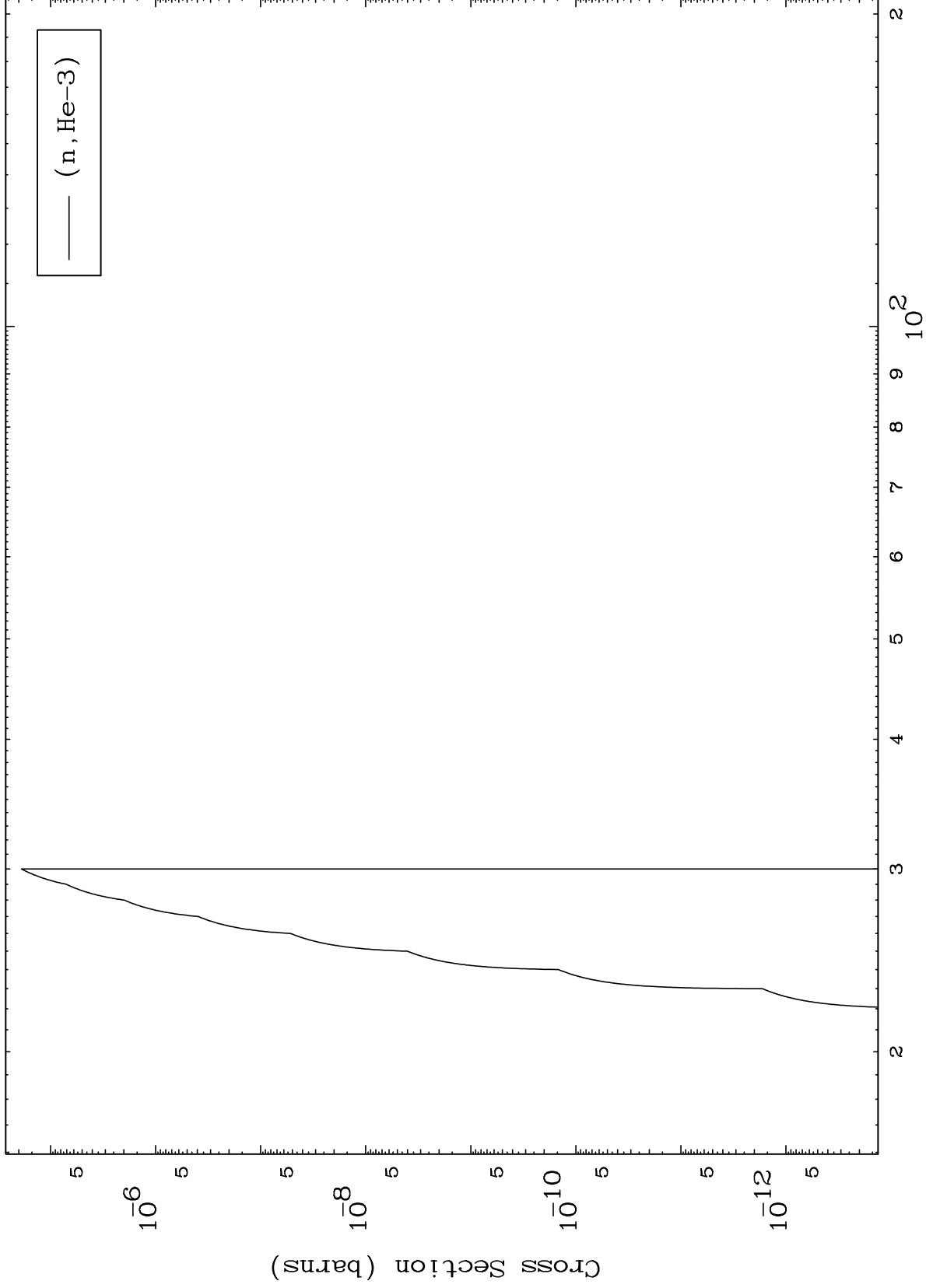
Incident Energy (MeV)

37-Rb-91

MAT 3743

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-91



13

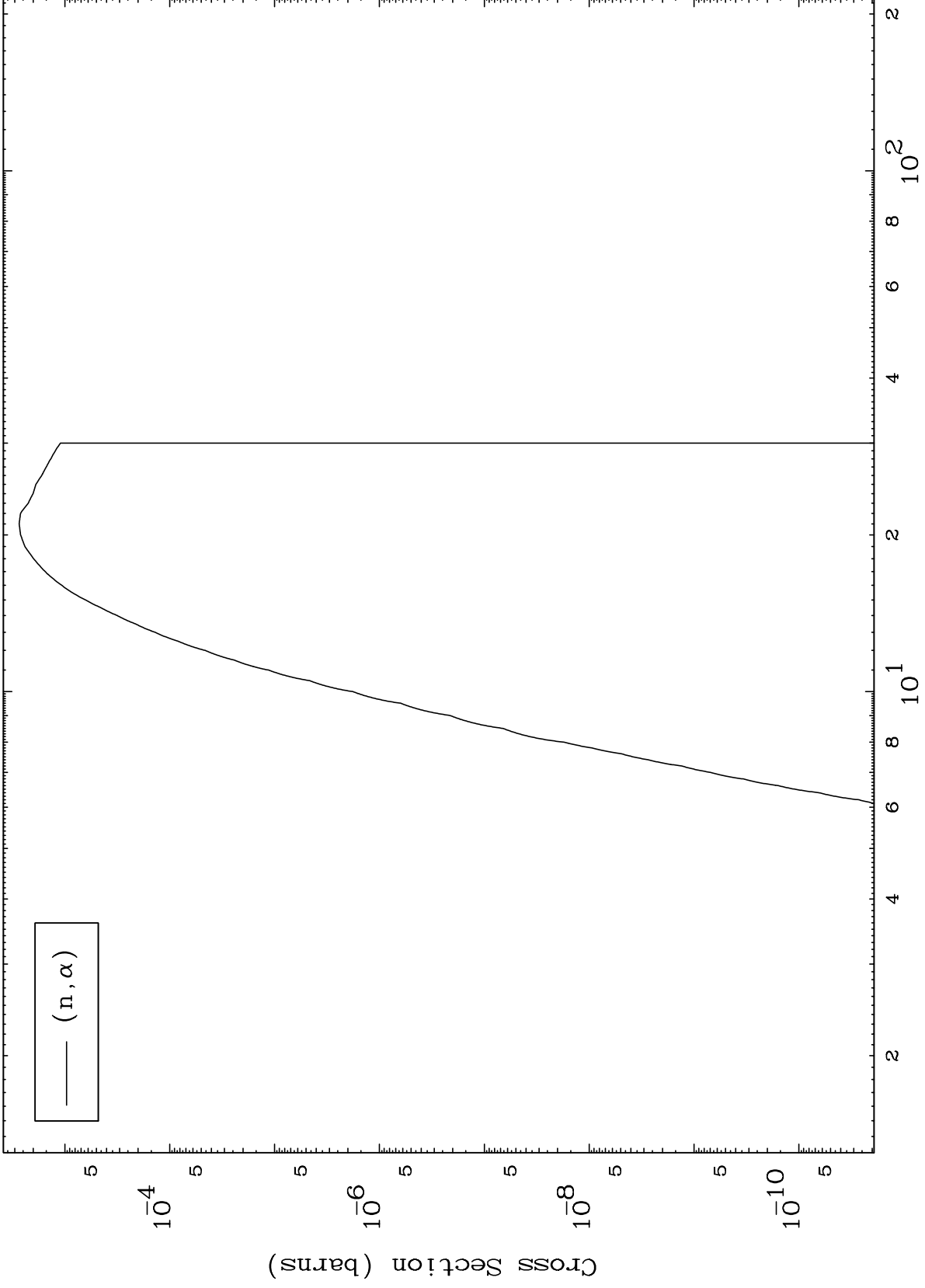
Incident Energy (MeV)

37-Rb-91

MAT 3743

(n, α) Levels
293 Kelvin Cross Sections

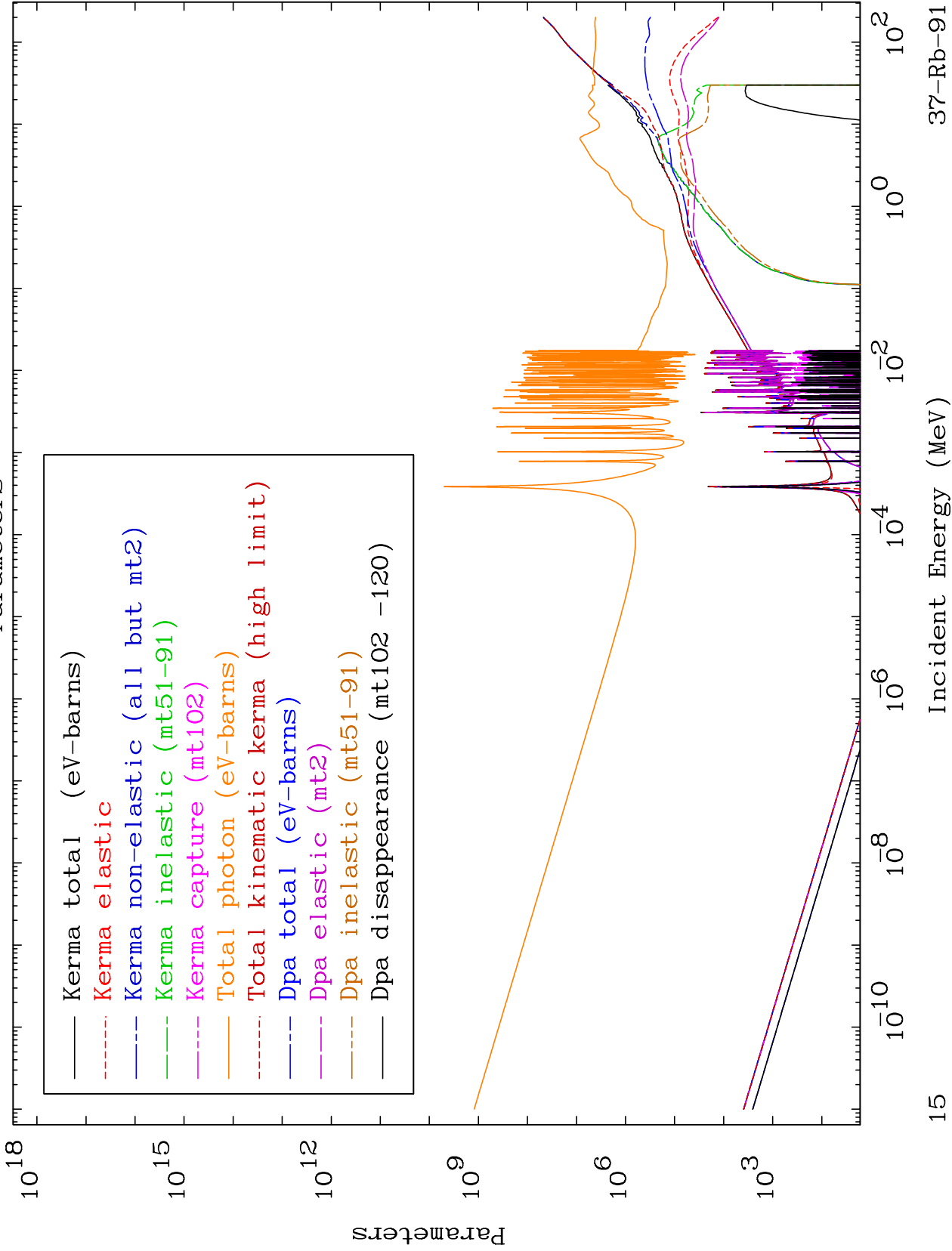
37-Rb-91



14

Incident Energy (MeV)

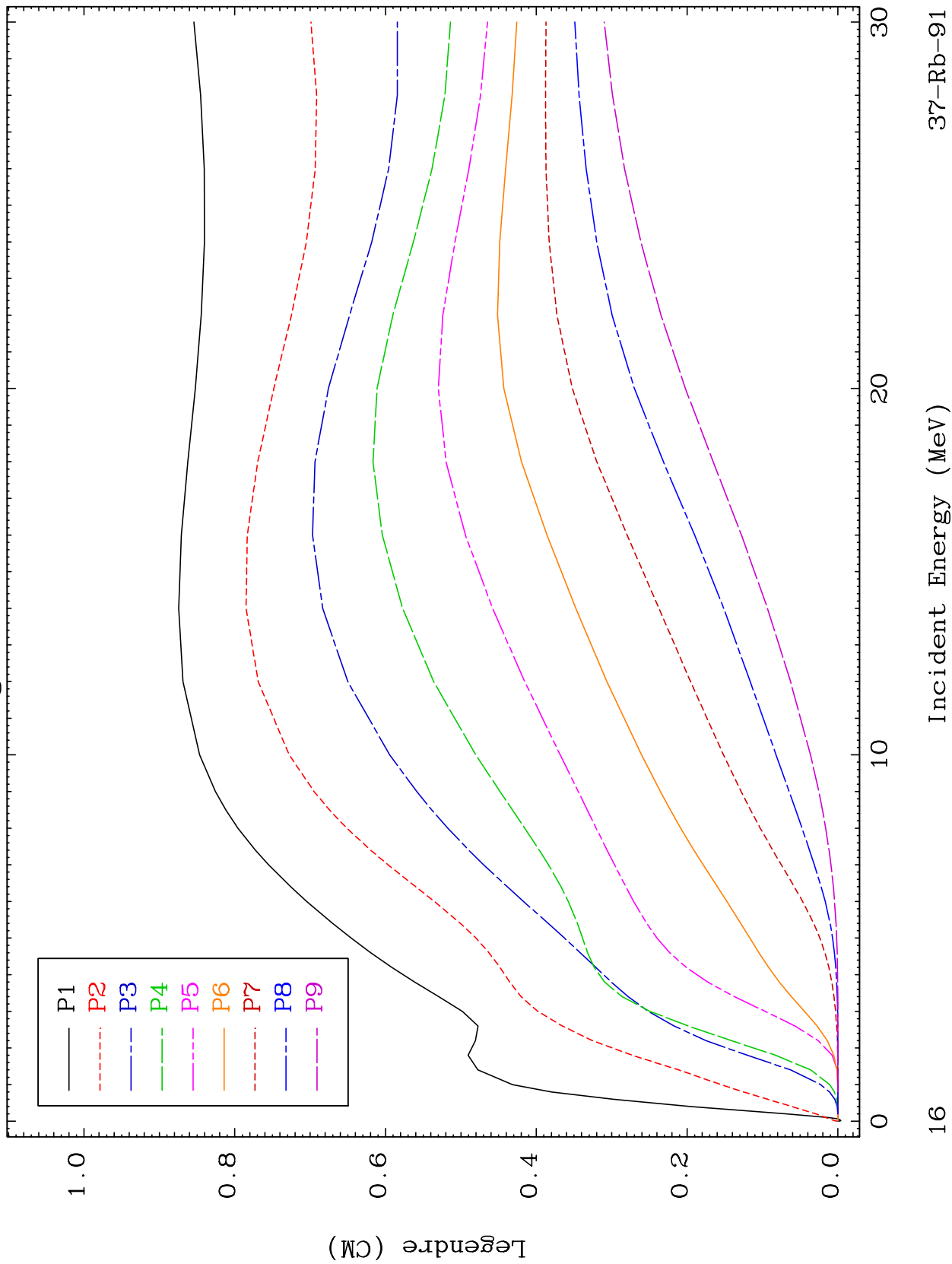
37-Rb-91



MAT 3743

Elastic Legendre Coefficients

37-Rb-91



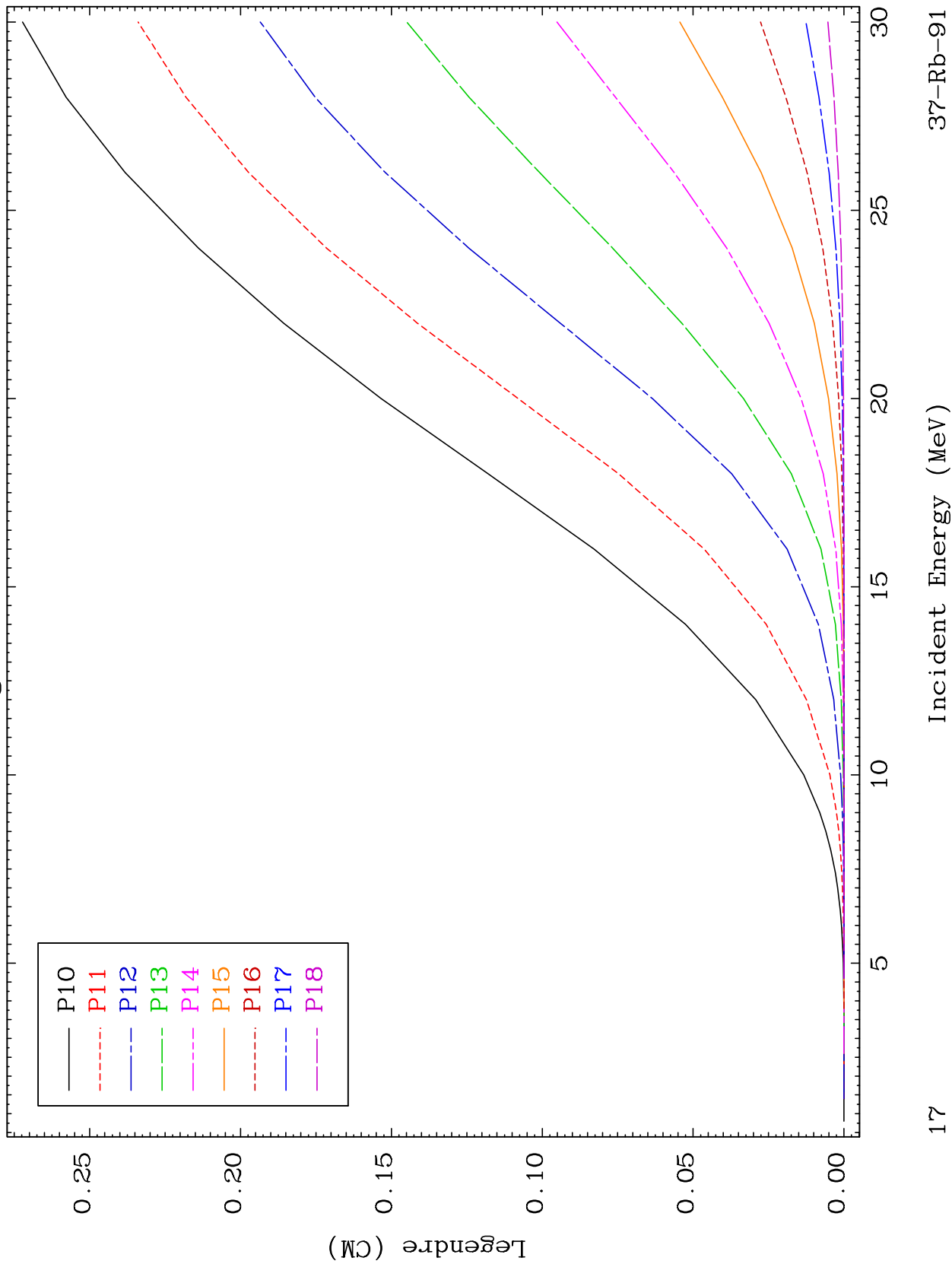
16

37-Rb-91

MAT 3743

Elastic Legendre Coefficients

37-Rb-91



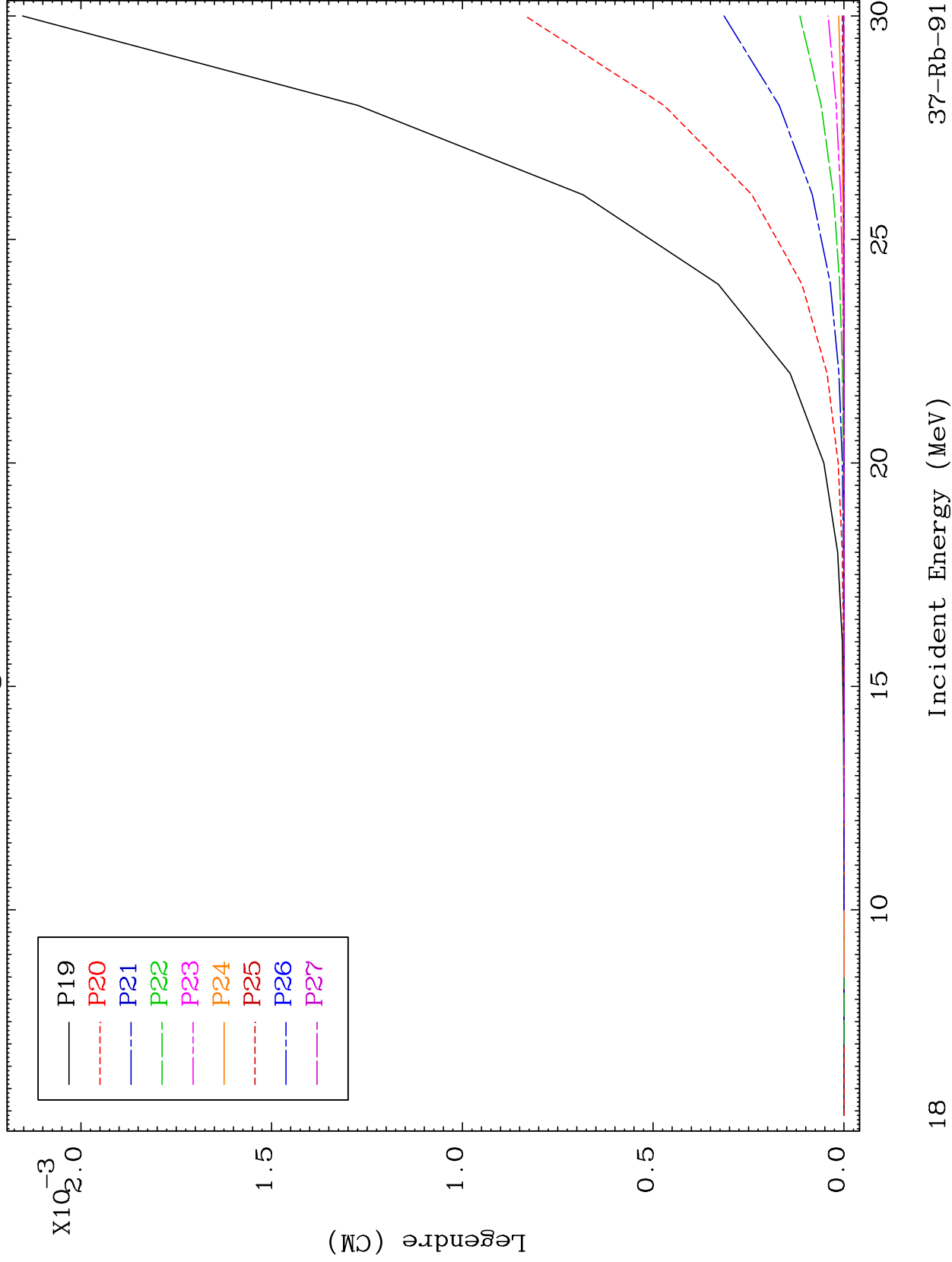
17

37-Rb-91

MAT 3743

Elastic Legendre Coefficients

37-Rb-91



18

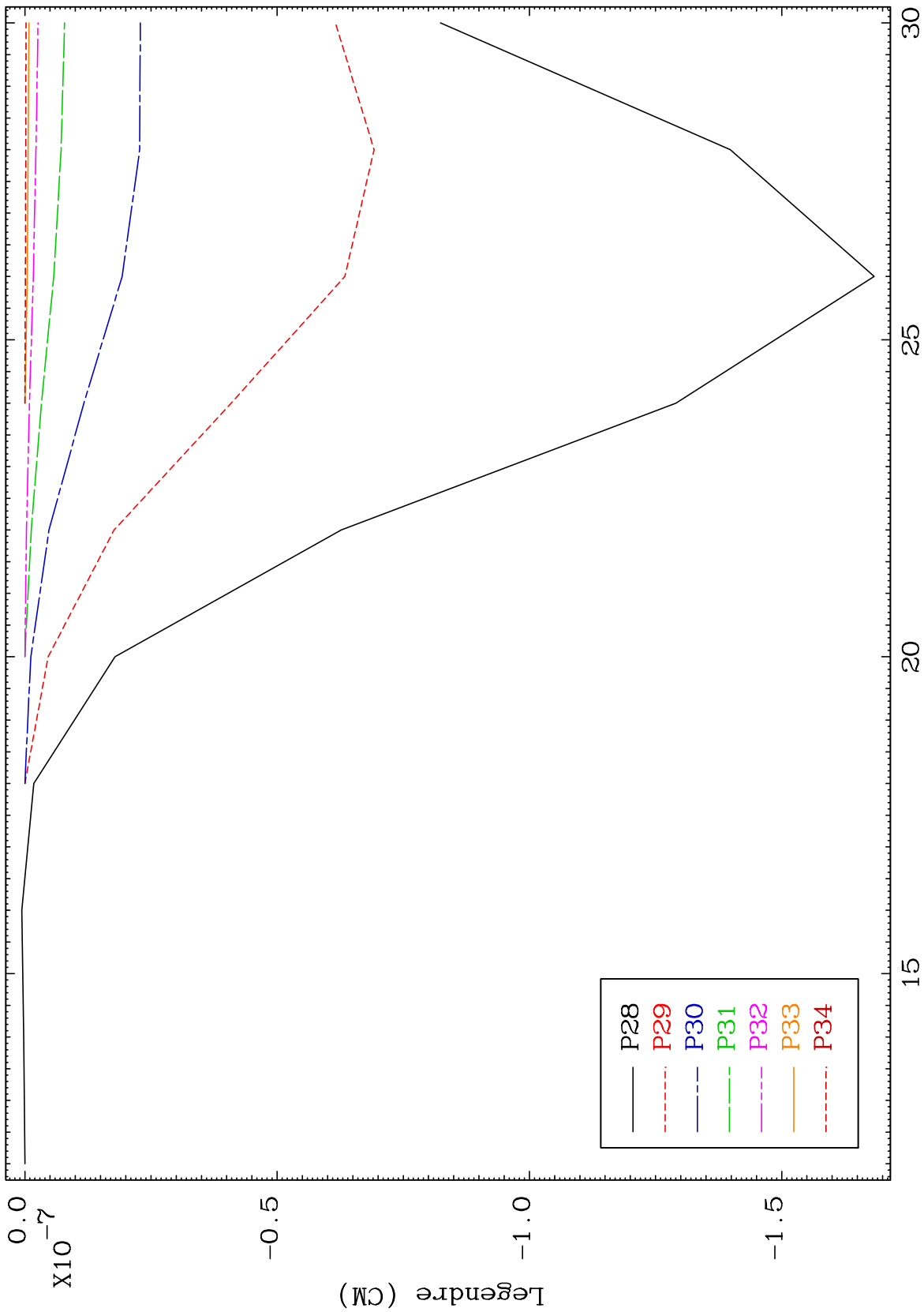
Incident Energy (MeV)

37-Rb-91

MAT 3743

37-Rb-91

Elastic Legendre Coefficients



19

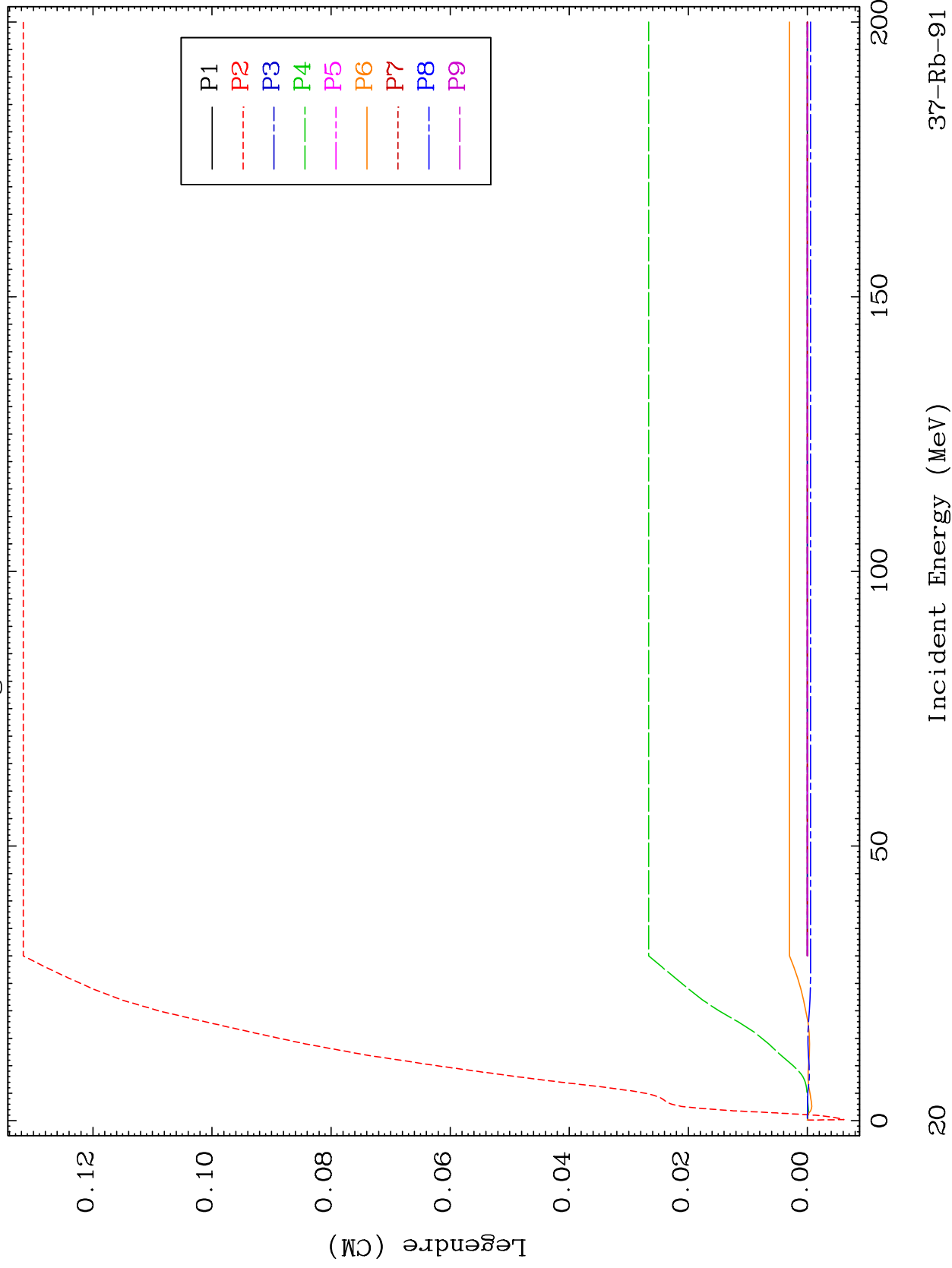
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91

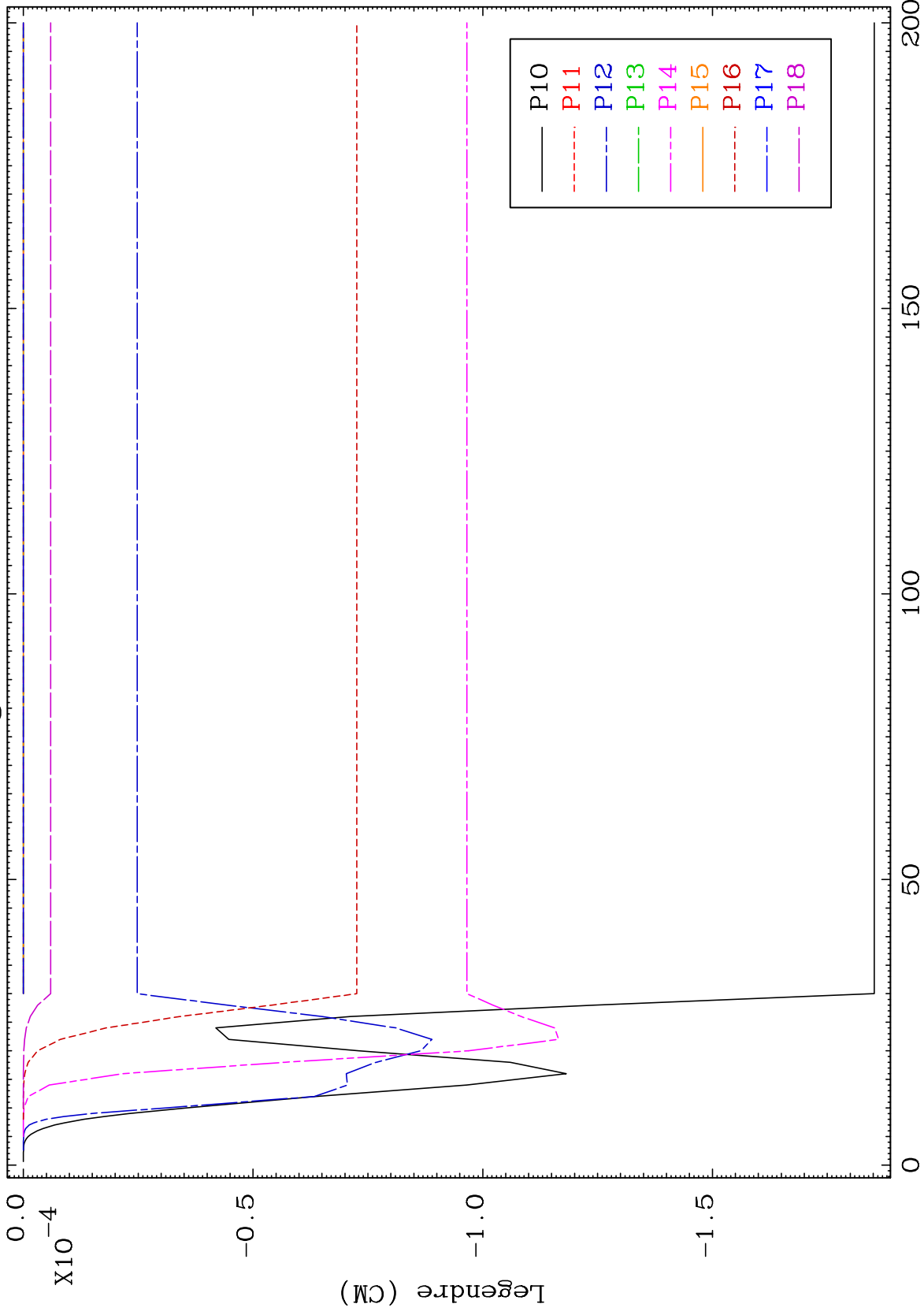


37-Rb-91

MAT 3743

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

37-Rb-91



21

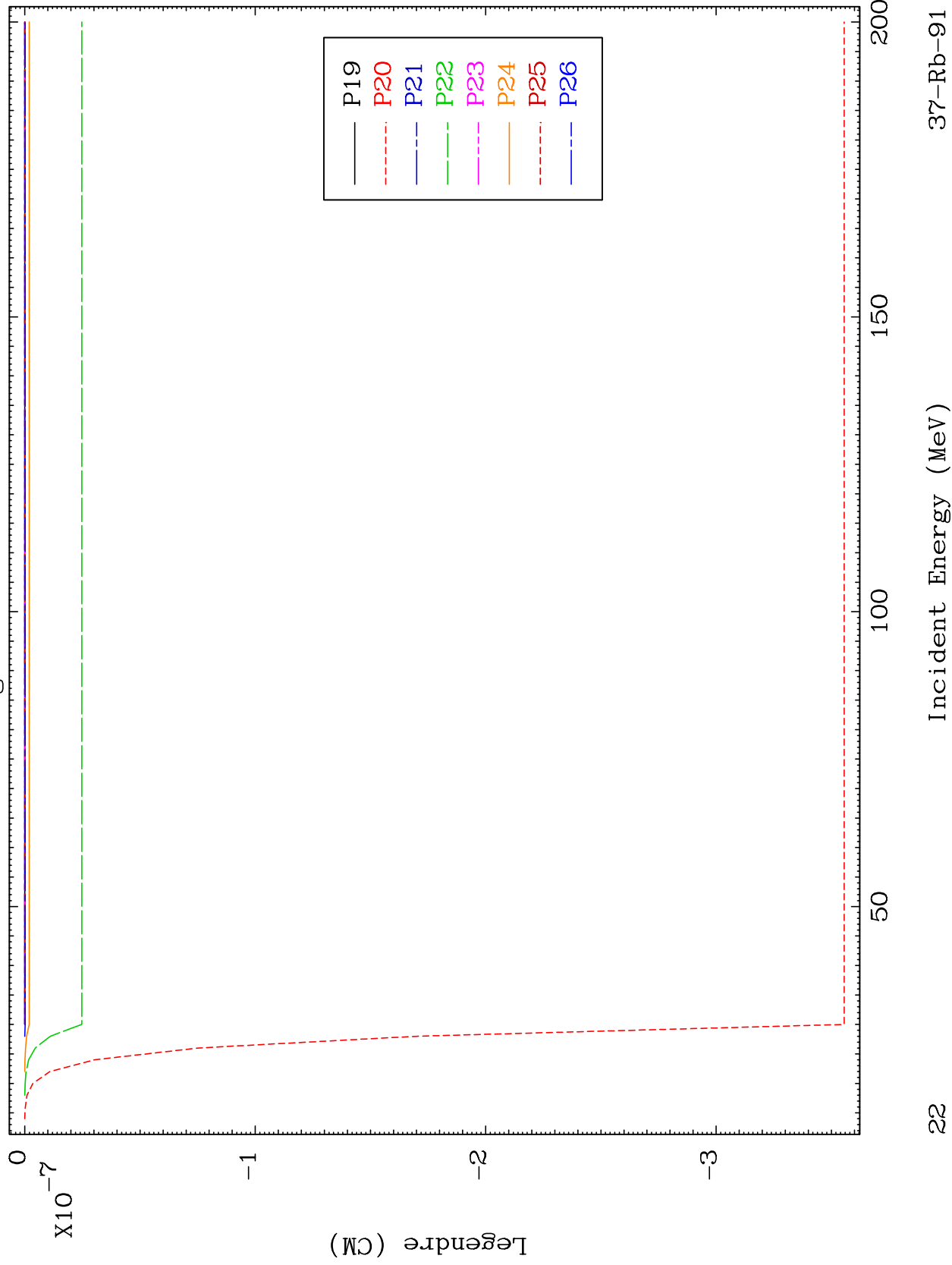
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



22

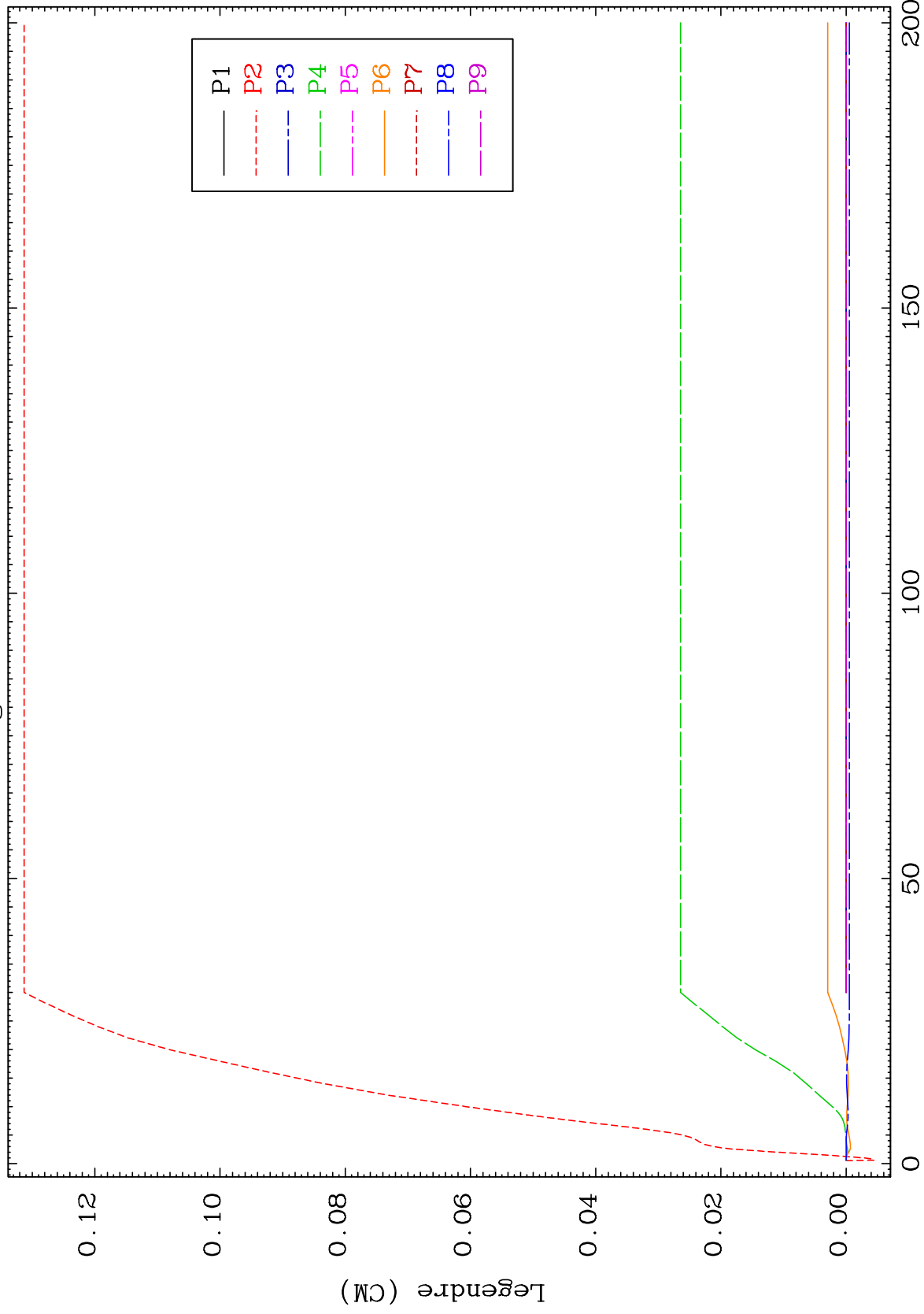
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



23

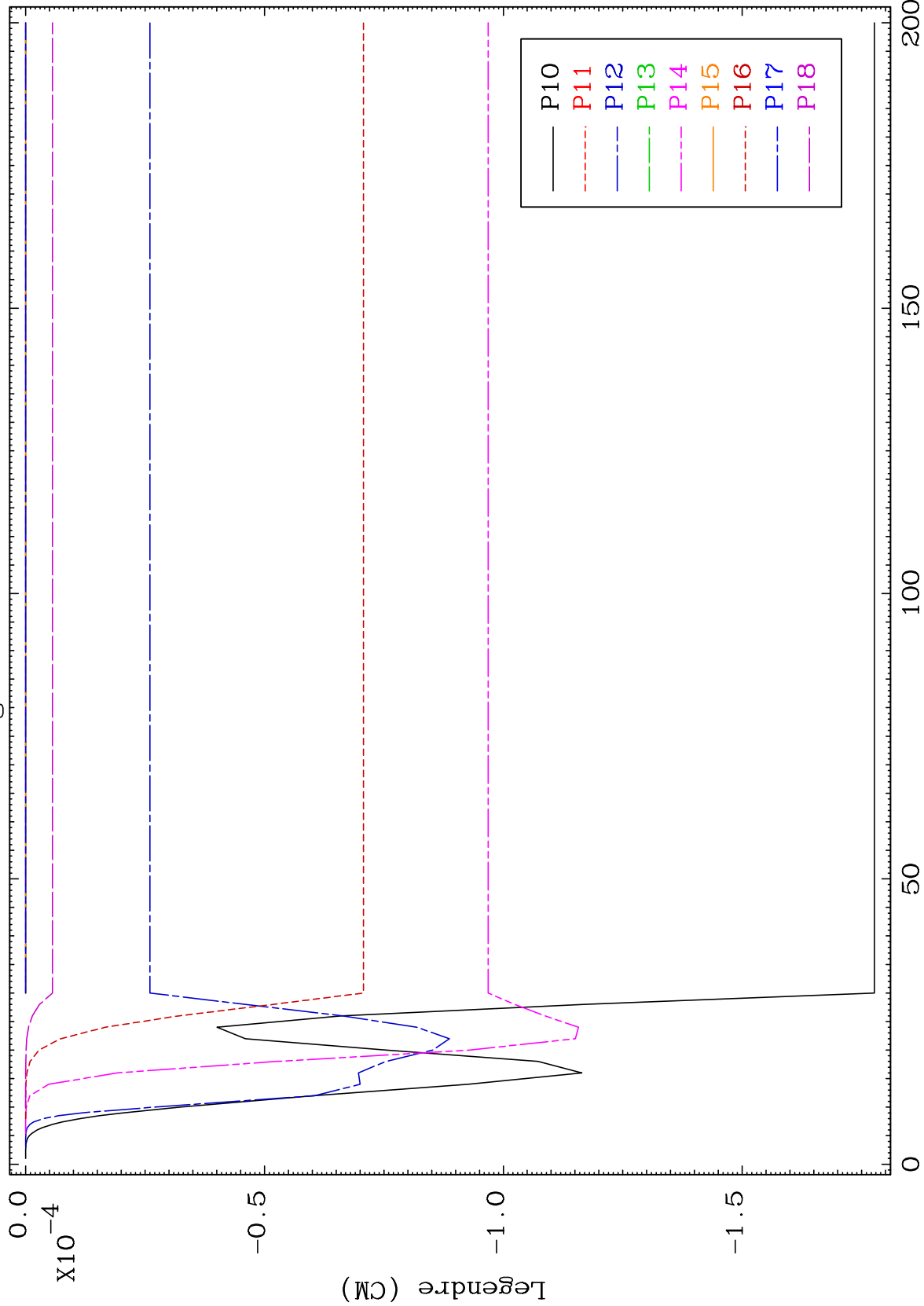
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

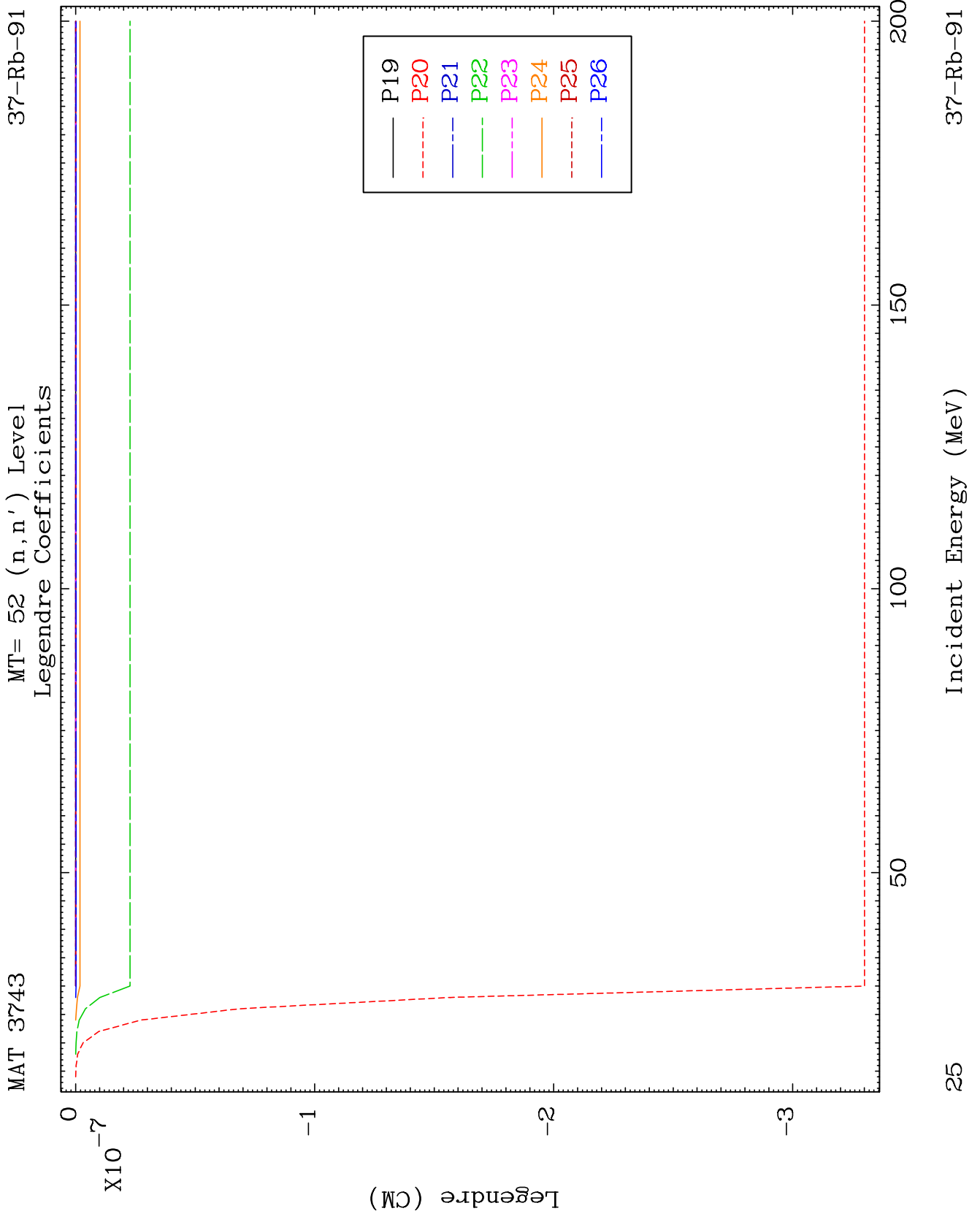
37-Rb-91



24

Incident Energy (MeV)

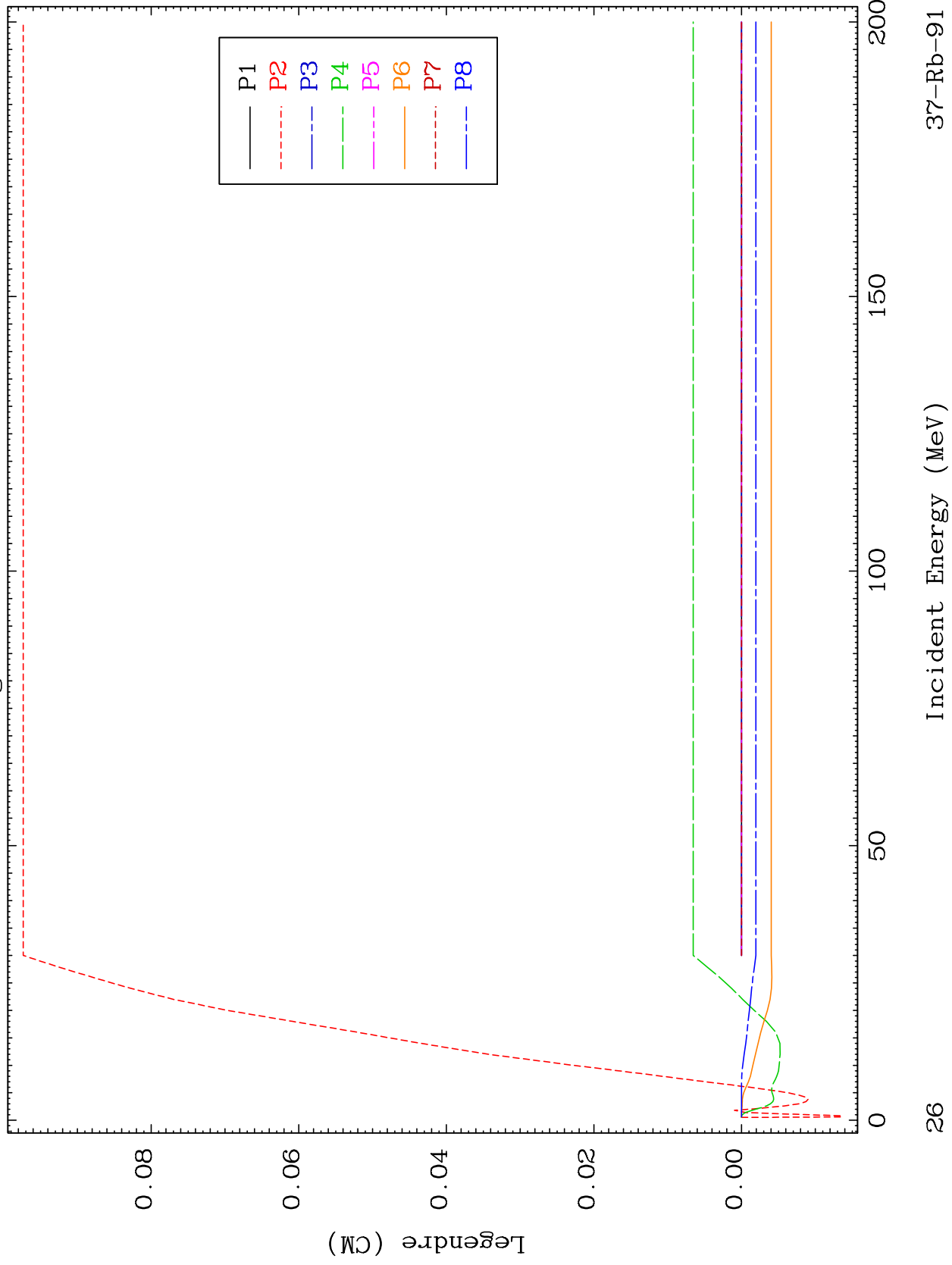
37-Rb-91



MAT 3743

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

37-Rb-91



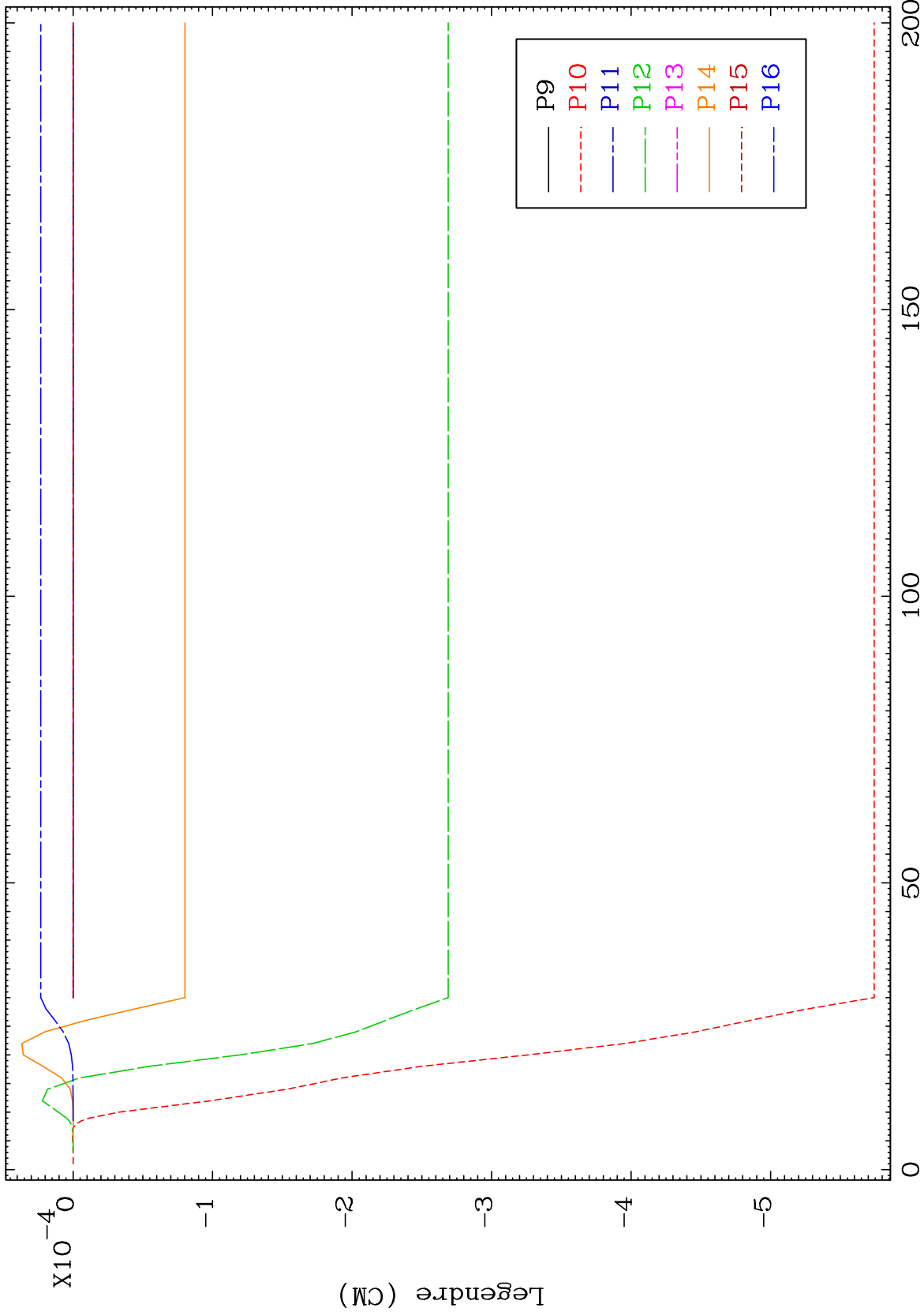
26

MAT 3743

MT= 53 (n,n') Level

37-Rb-91

Legendre Coefficients



27

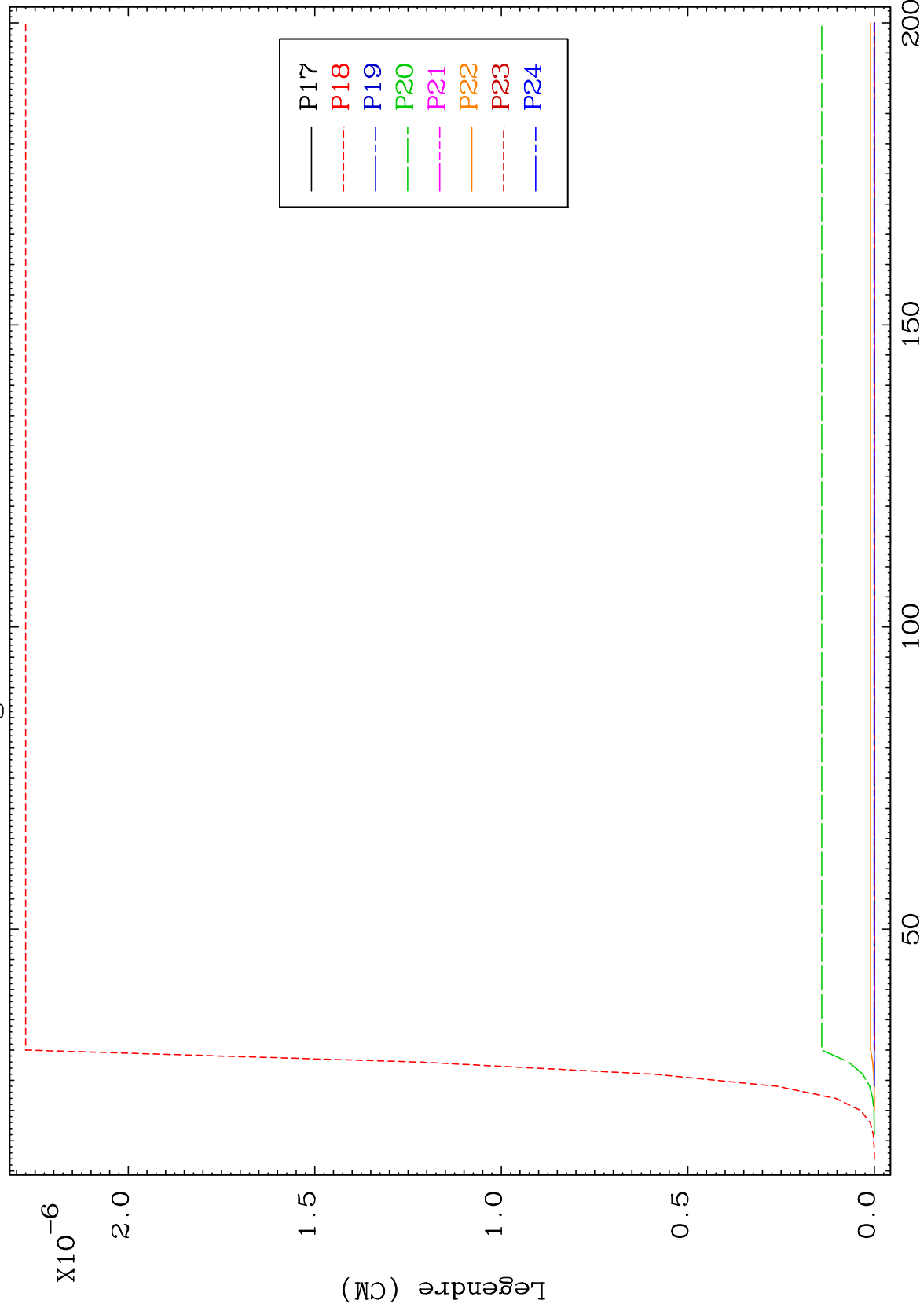
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



28

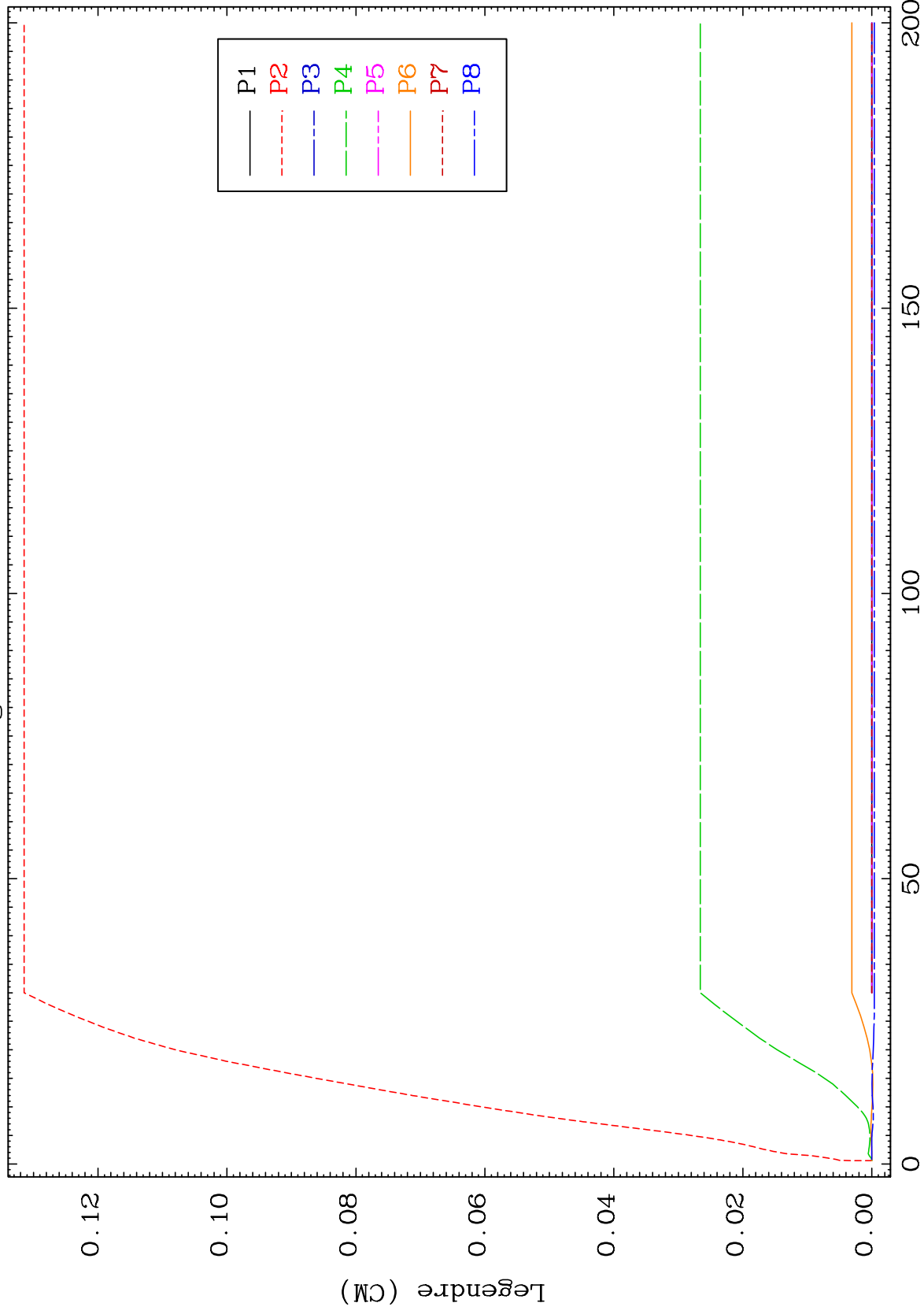
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



29

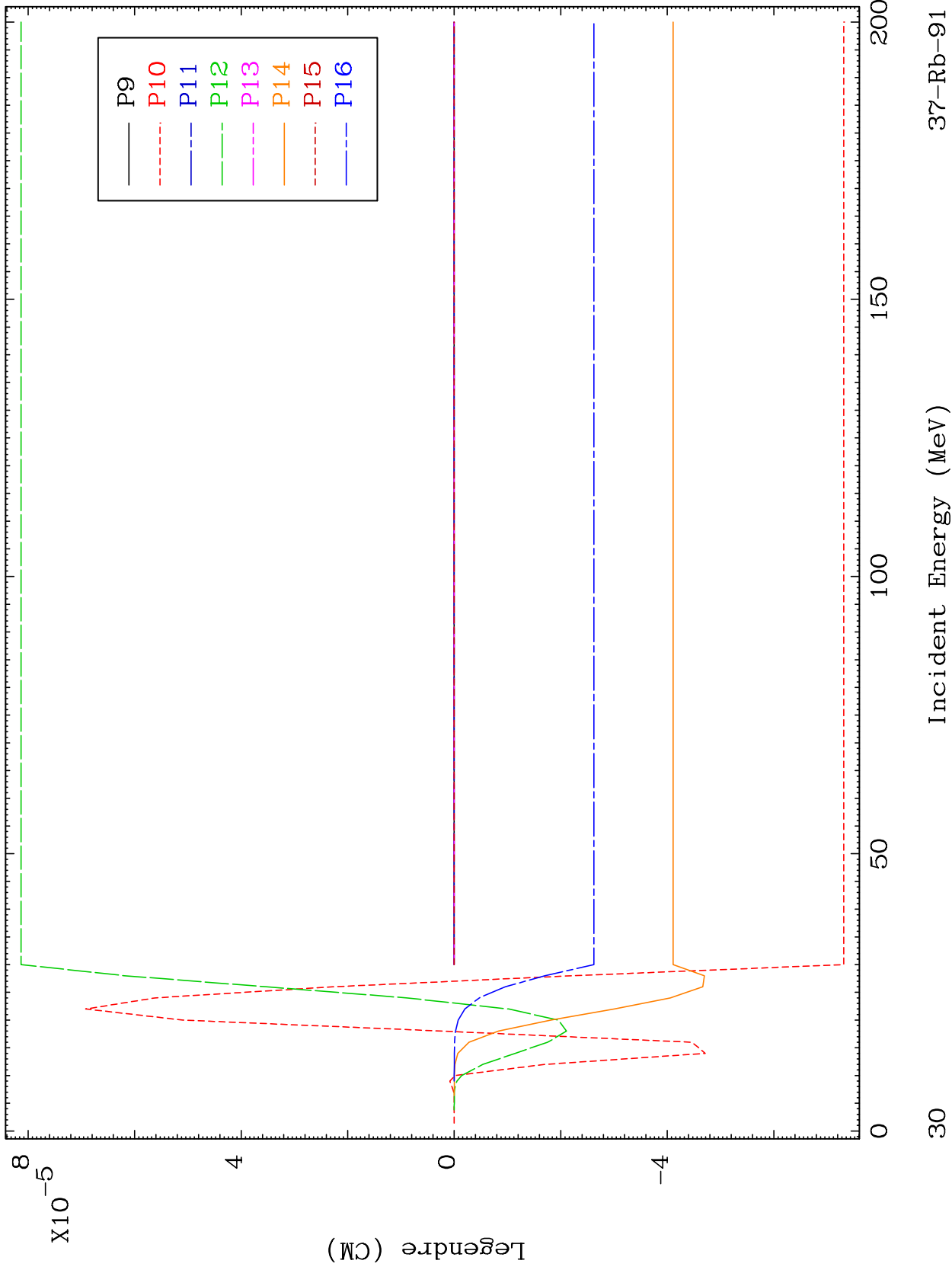
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



37-Rb-91

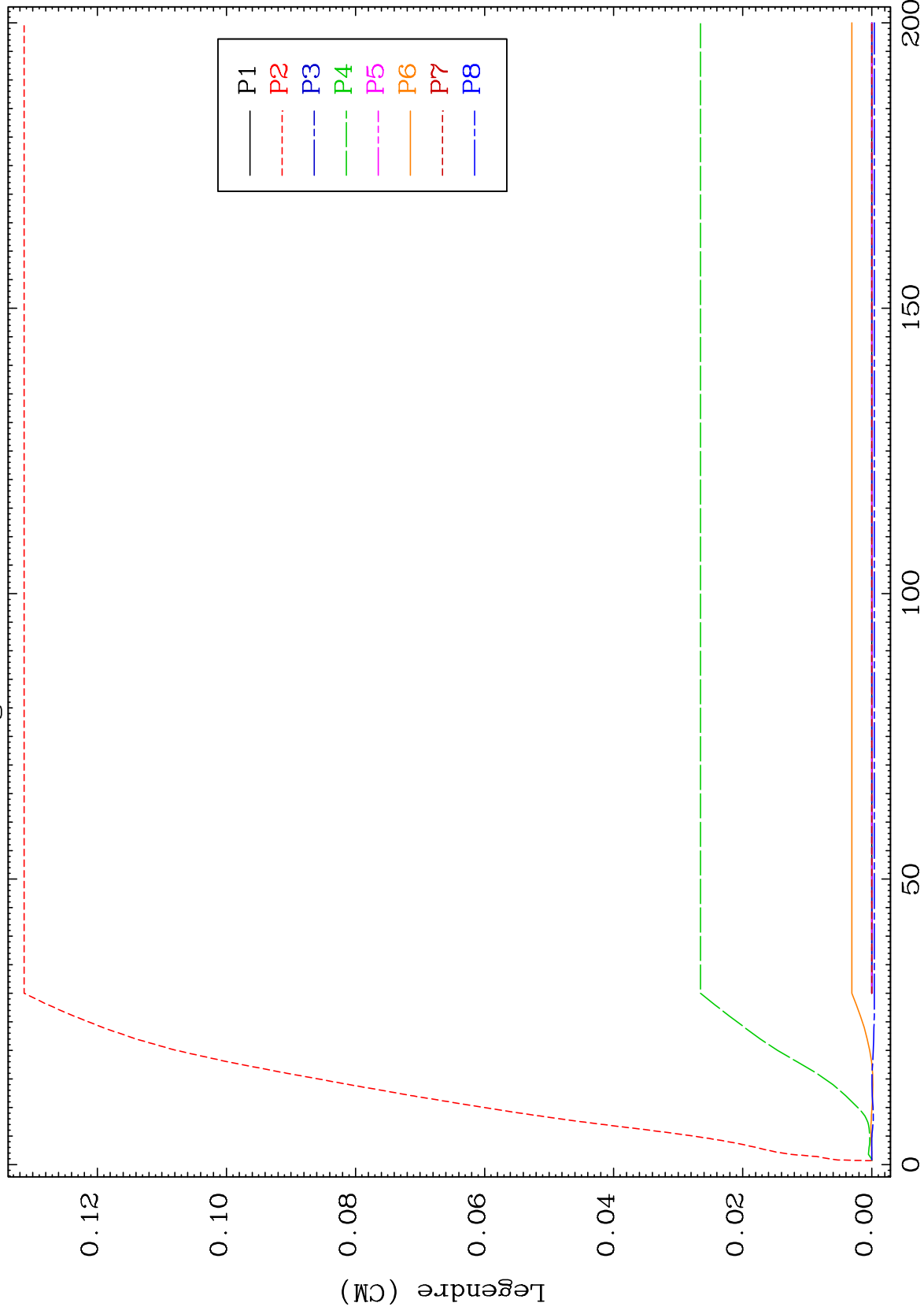
Incident Energy (MeV)

30

MAT 3743

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

37-Rb-91



32

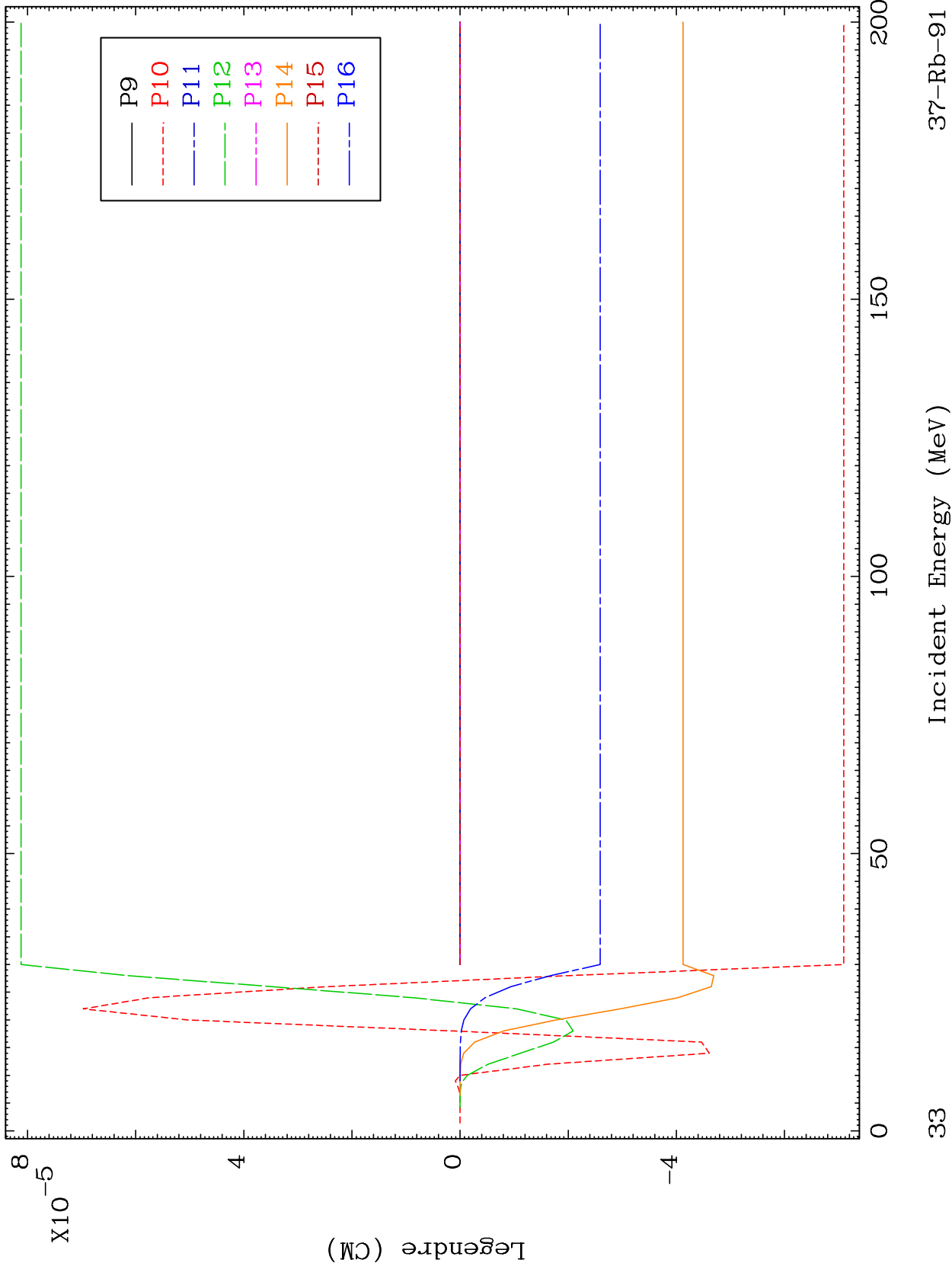
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



33

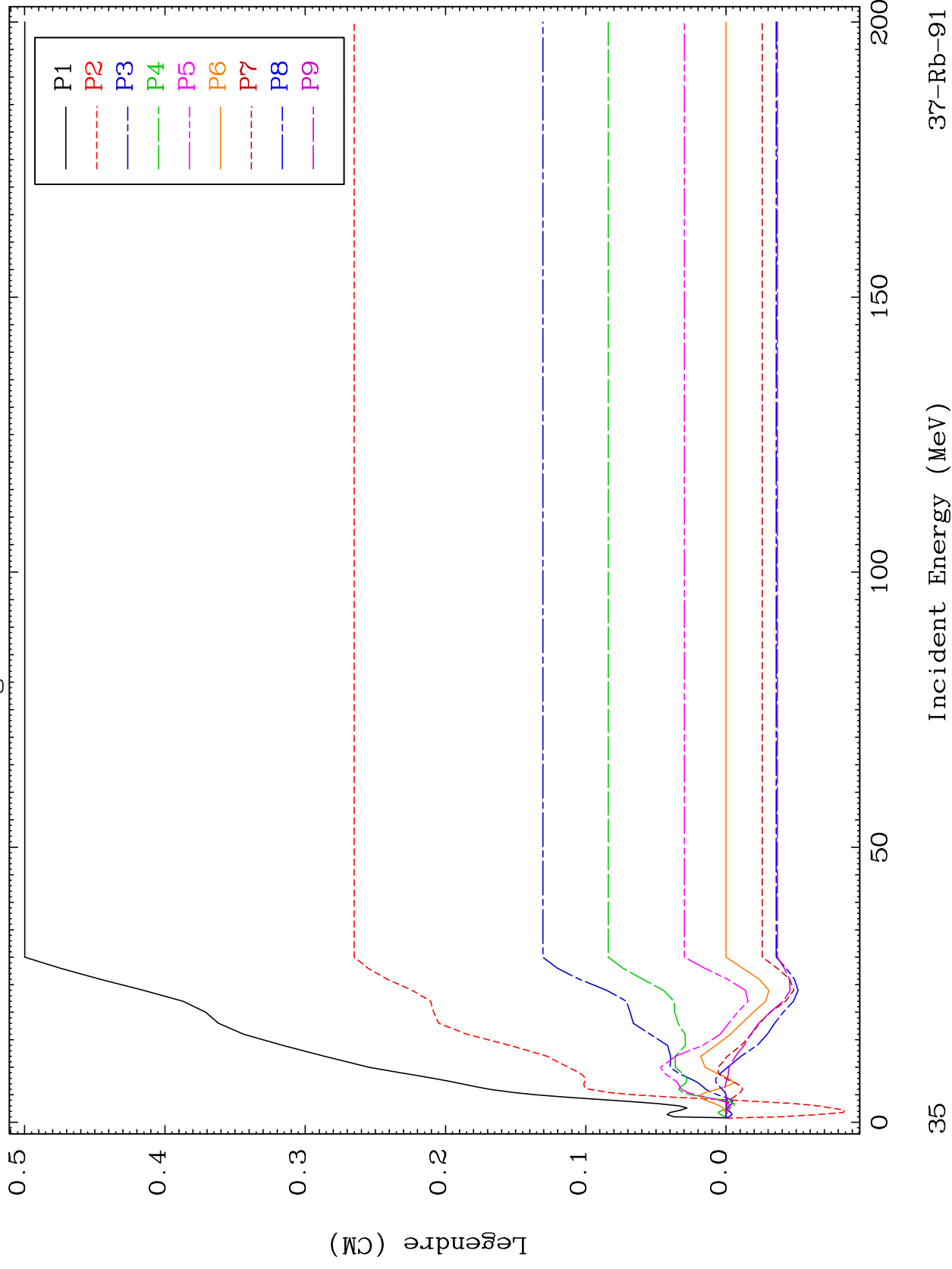
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



37-Rb-91

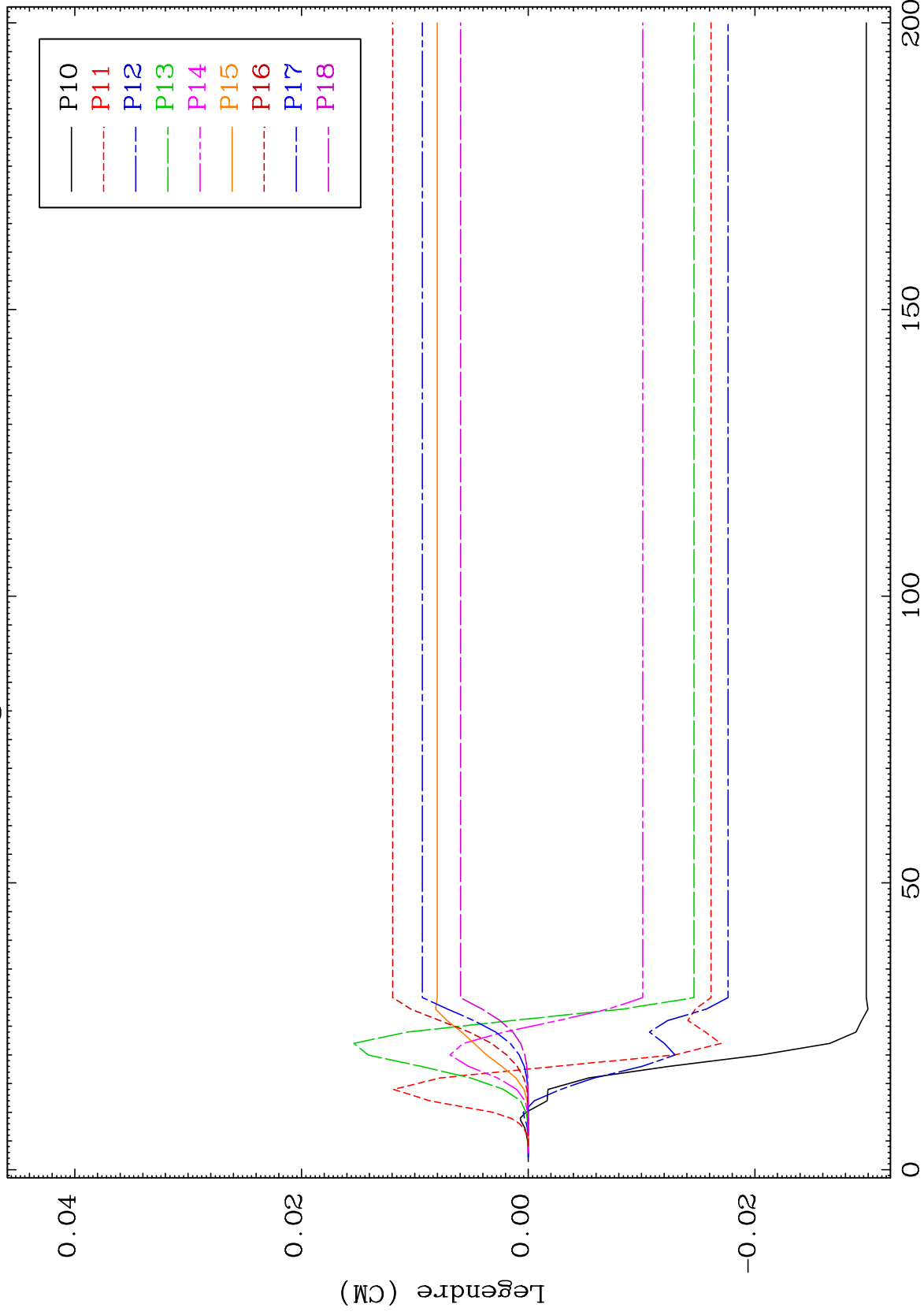
Incident Energy (MeV)

35

MAT 3743

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

37-Rb-91



36

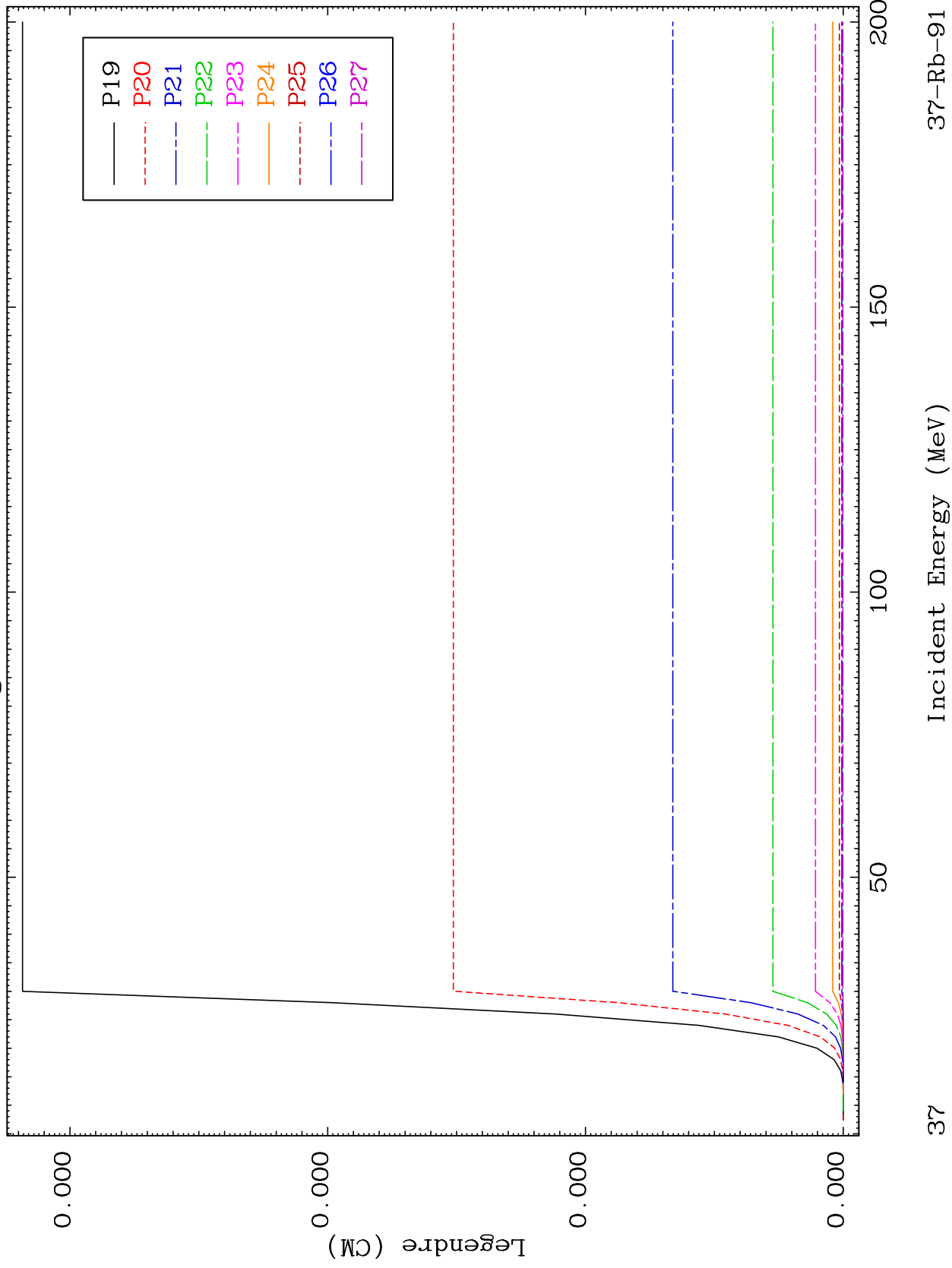
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



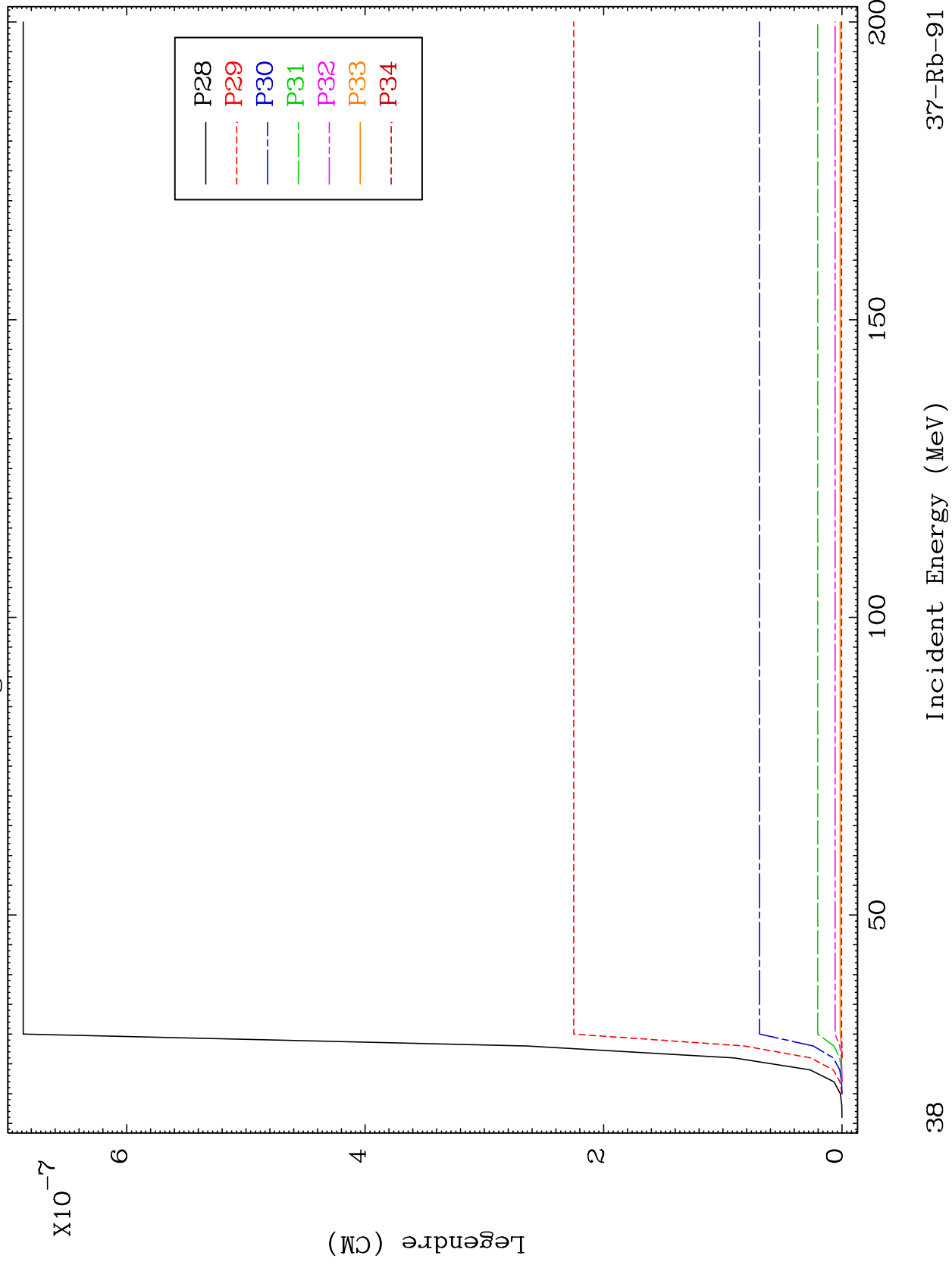
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37-Rb-91

MAT 3743

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

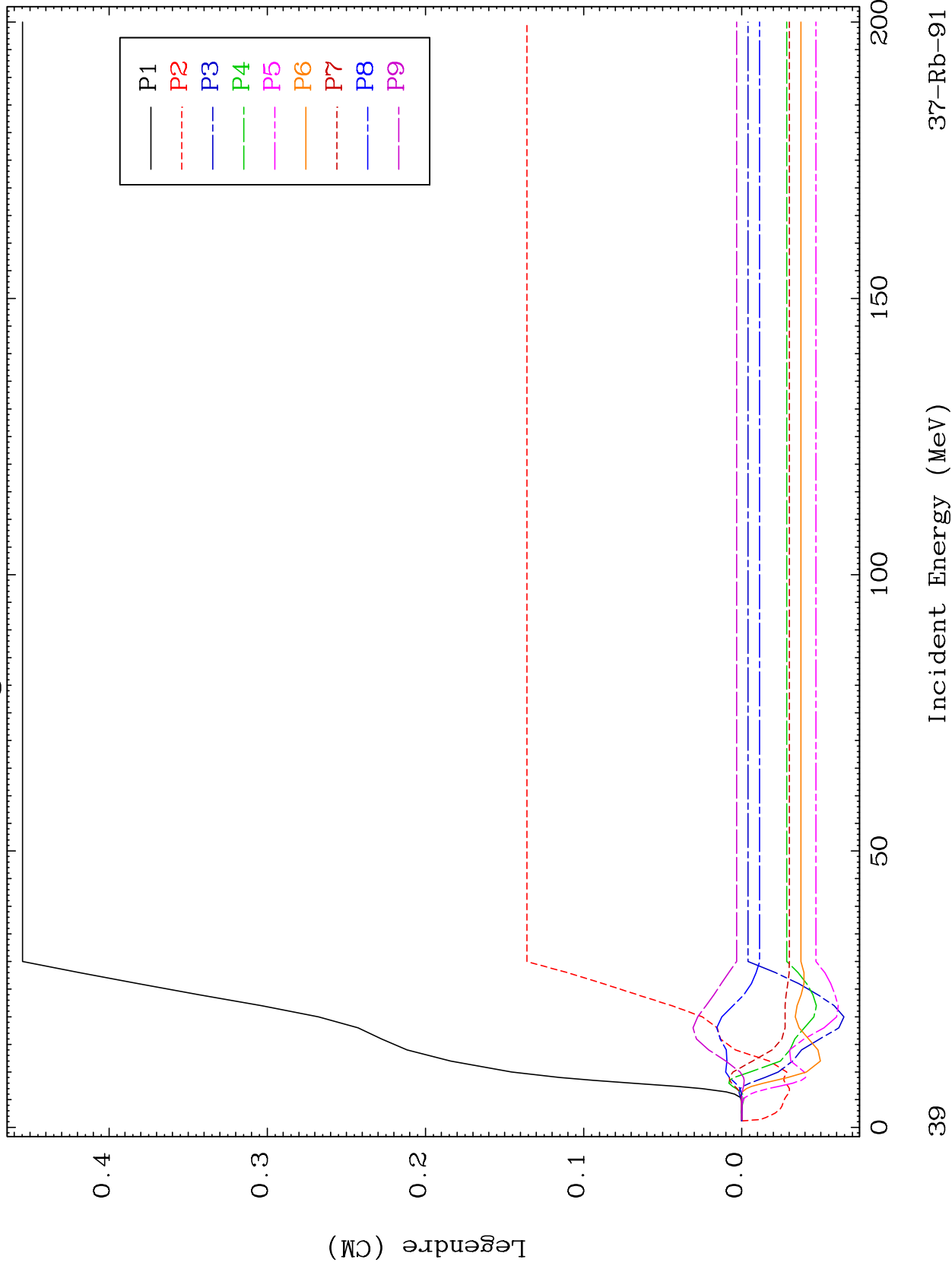
37-Rb-91



MAT 3743

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

37-Rb-91



37-Rb-91

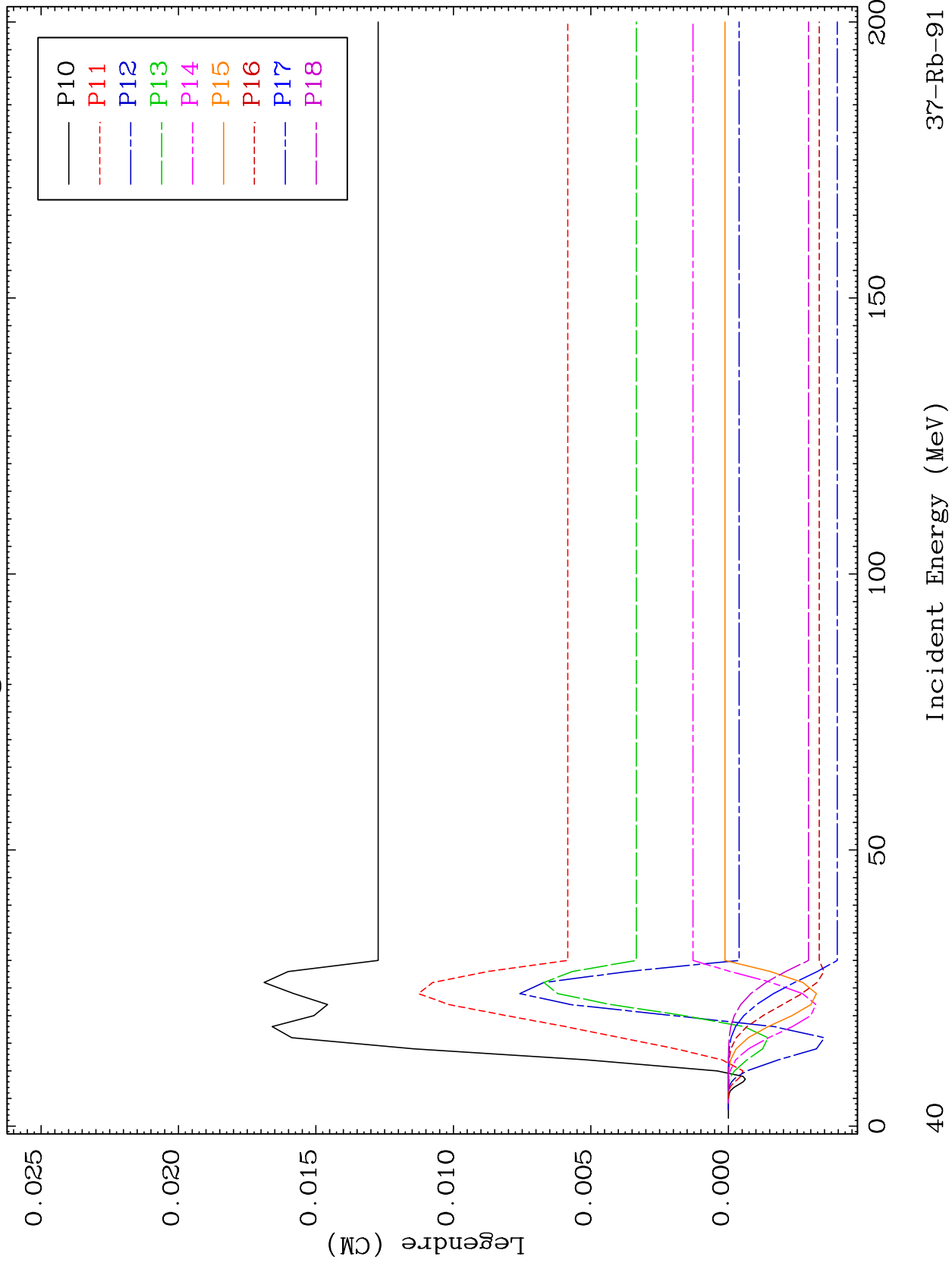
Incident Energy (MeV)

39

MAT 3743

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

37-Rb-91



37-Rb-91

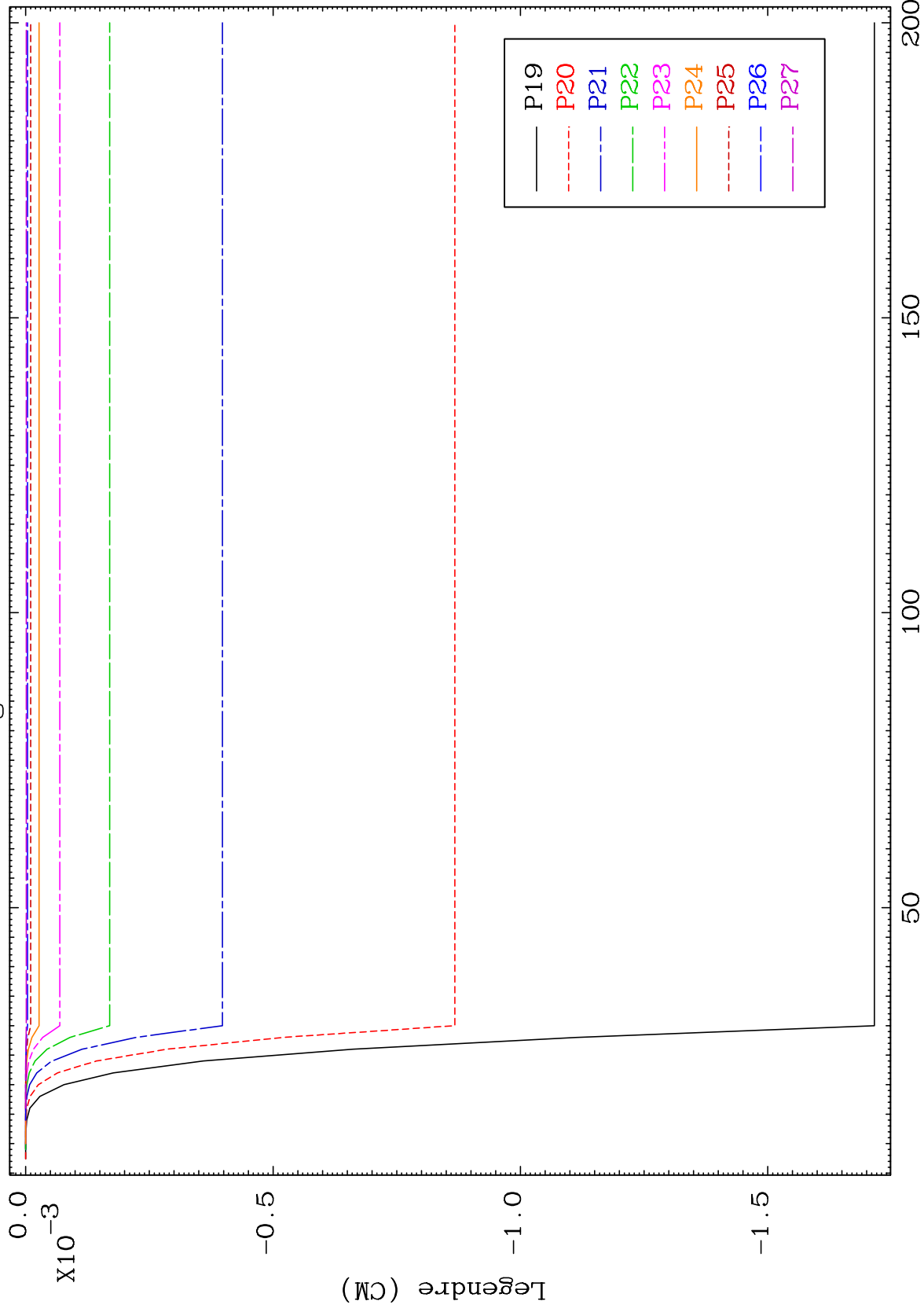
Incident Energy (MeV)

40

MAT 3743

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

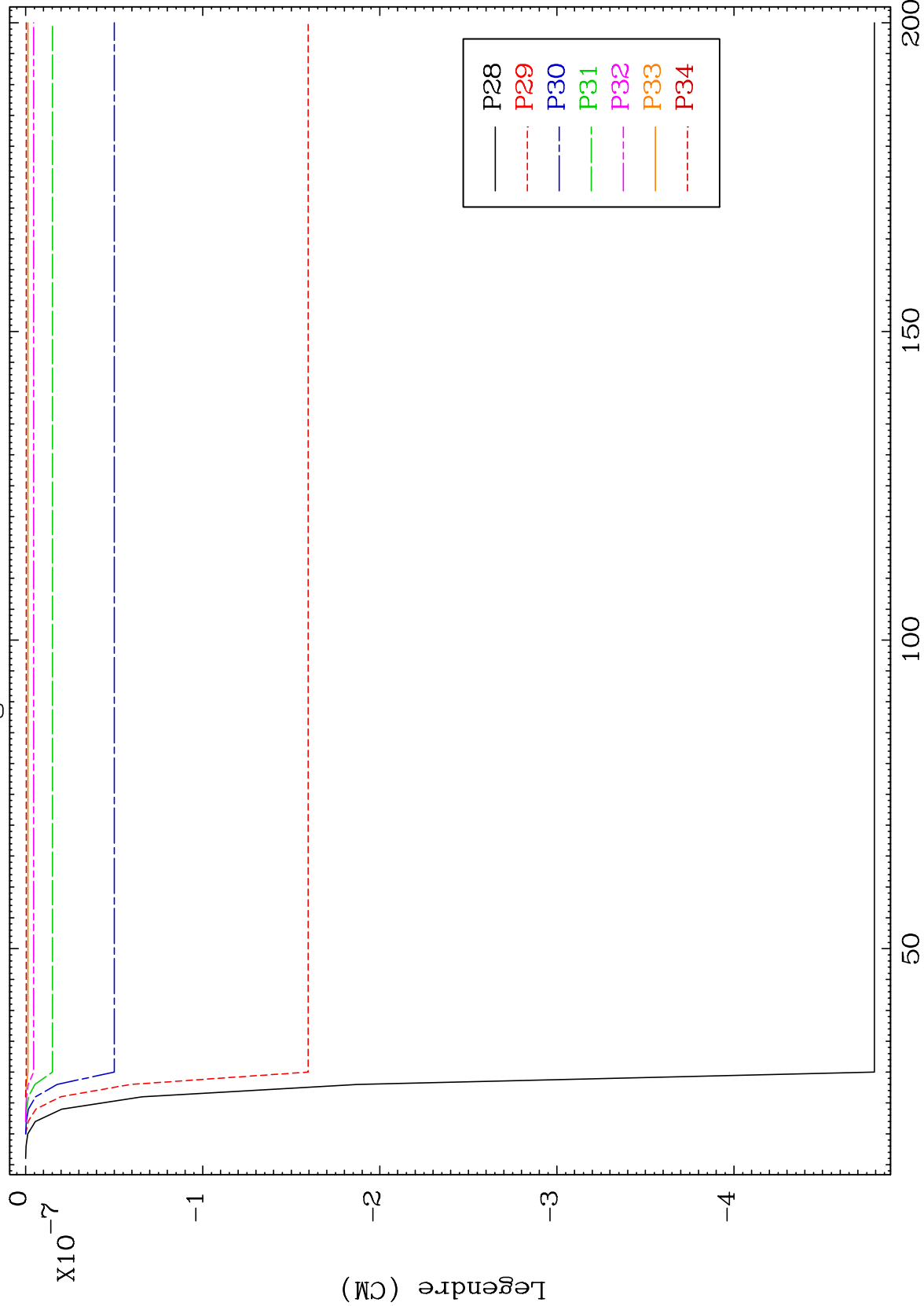
37-Rb-91



MAT 3743

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

37-Rb-91



42

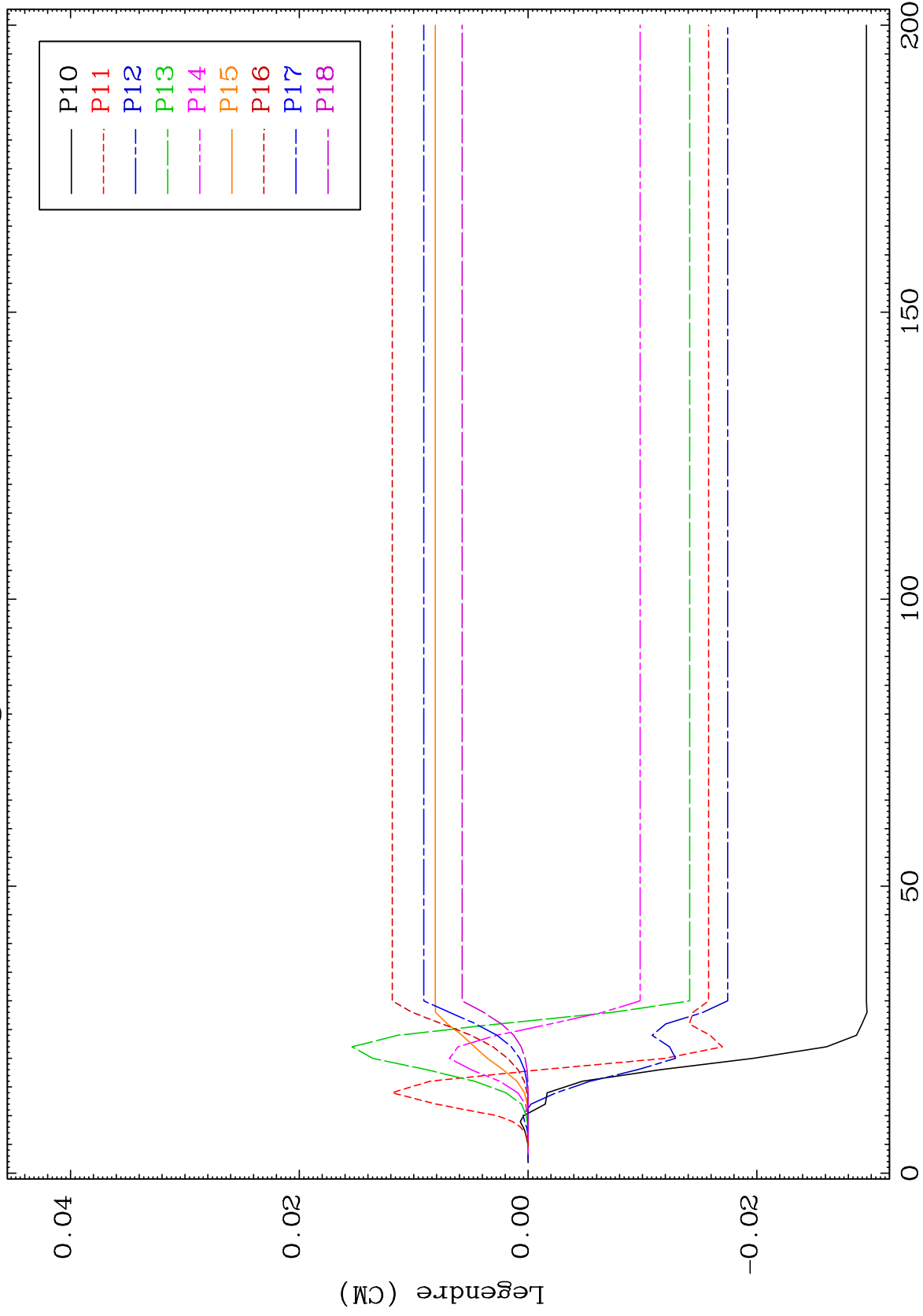
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



44

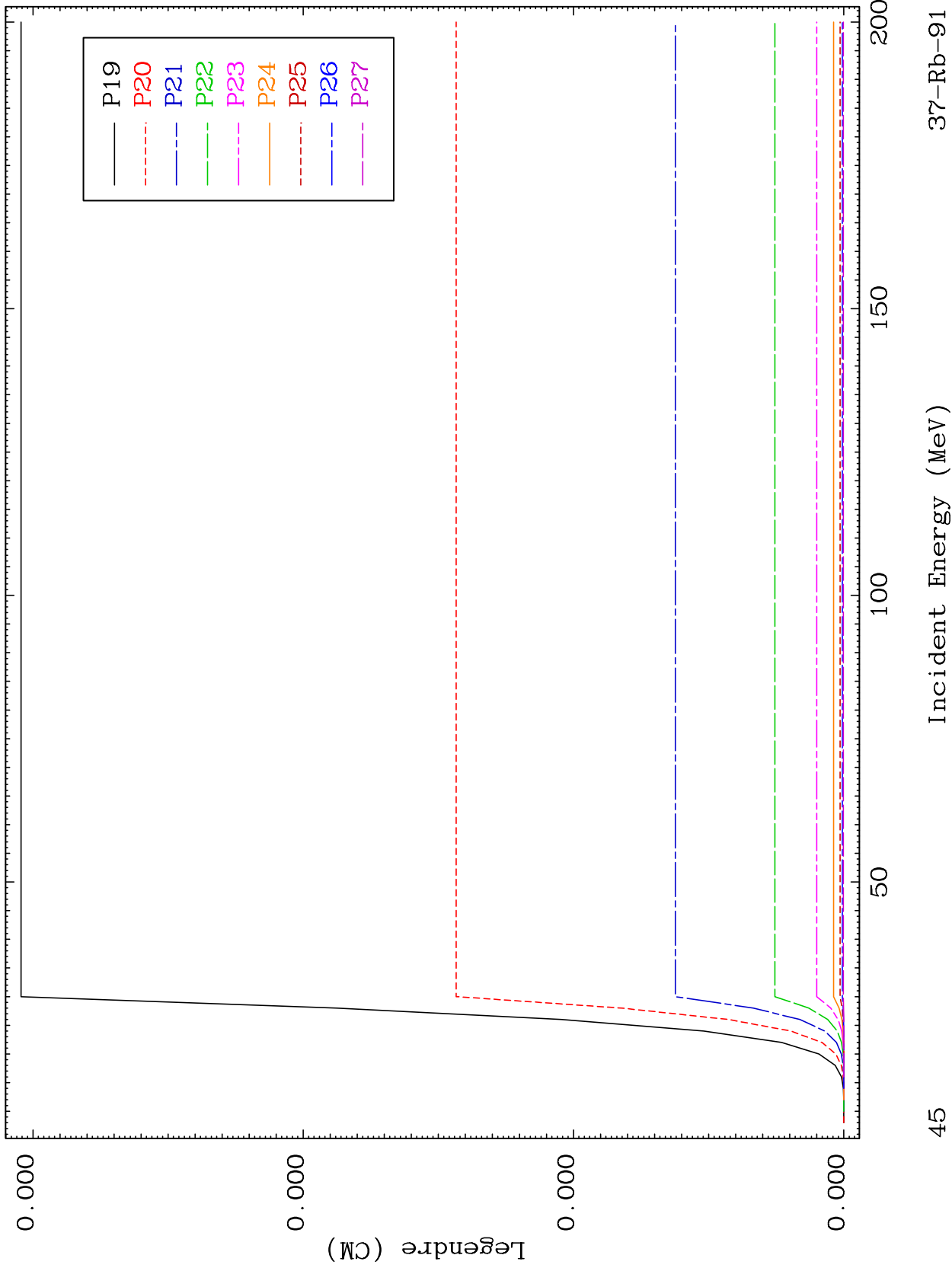
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



45

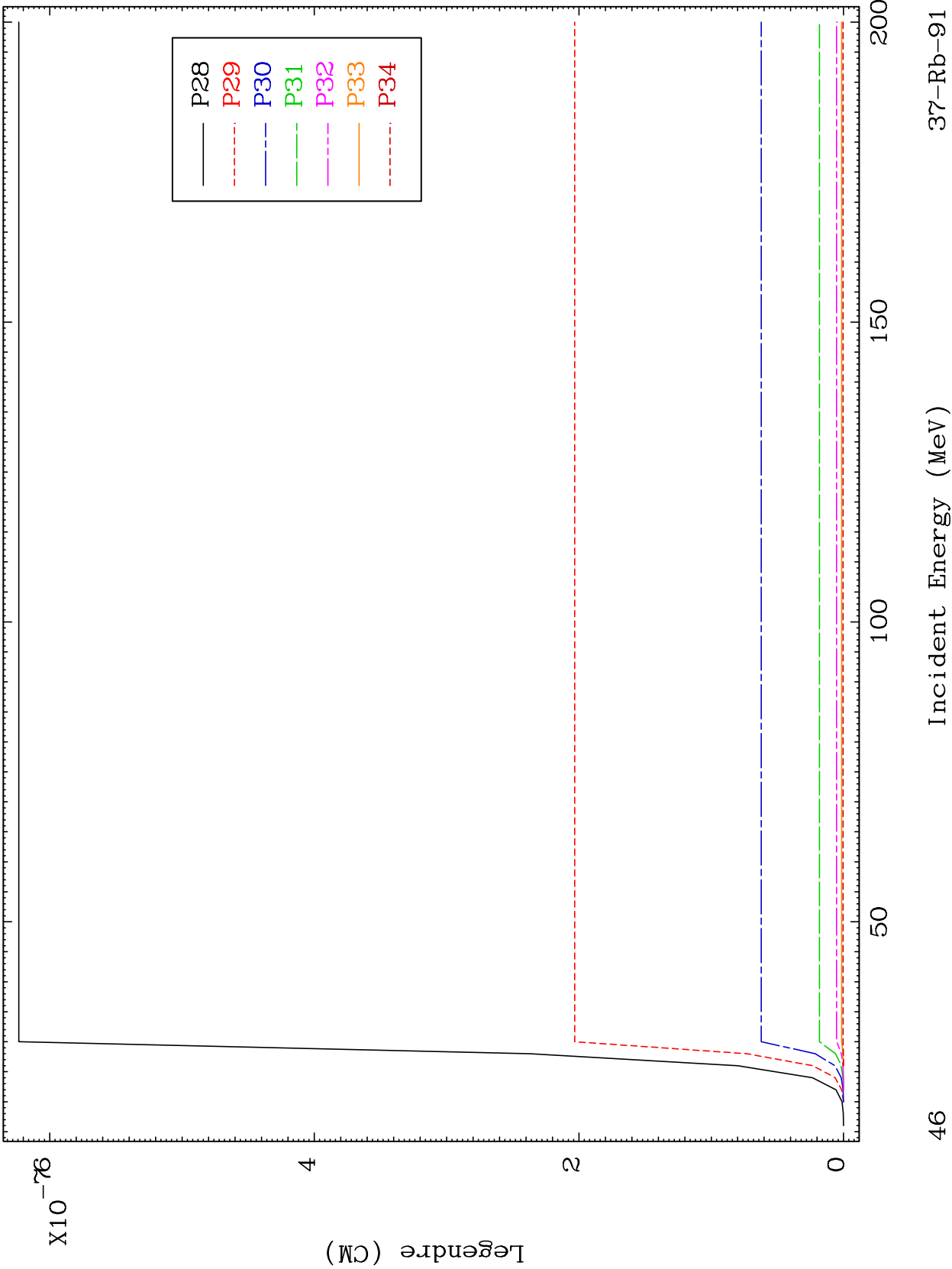
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

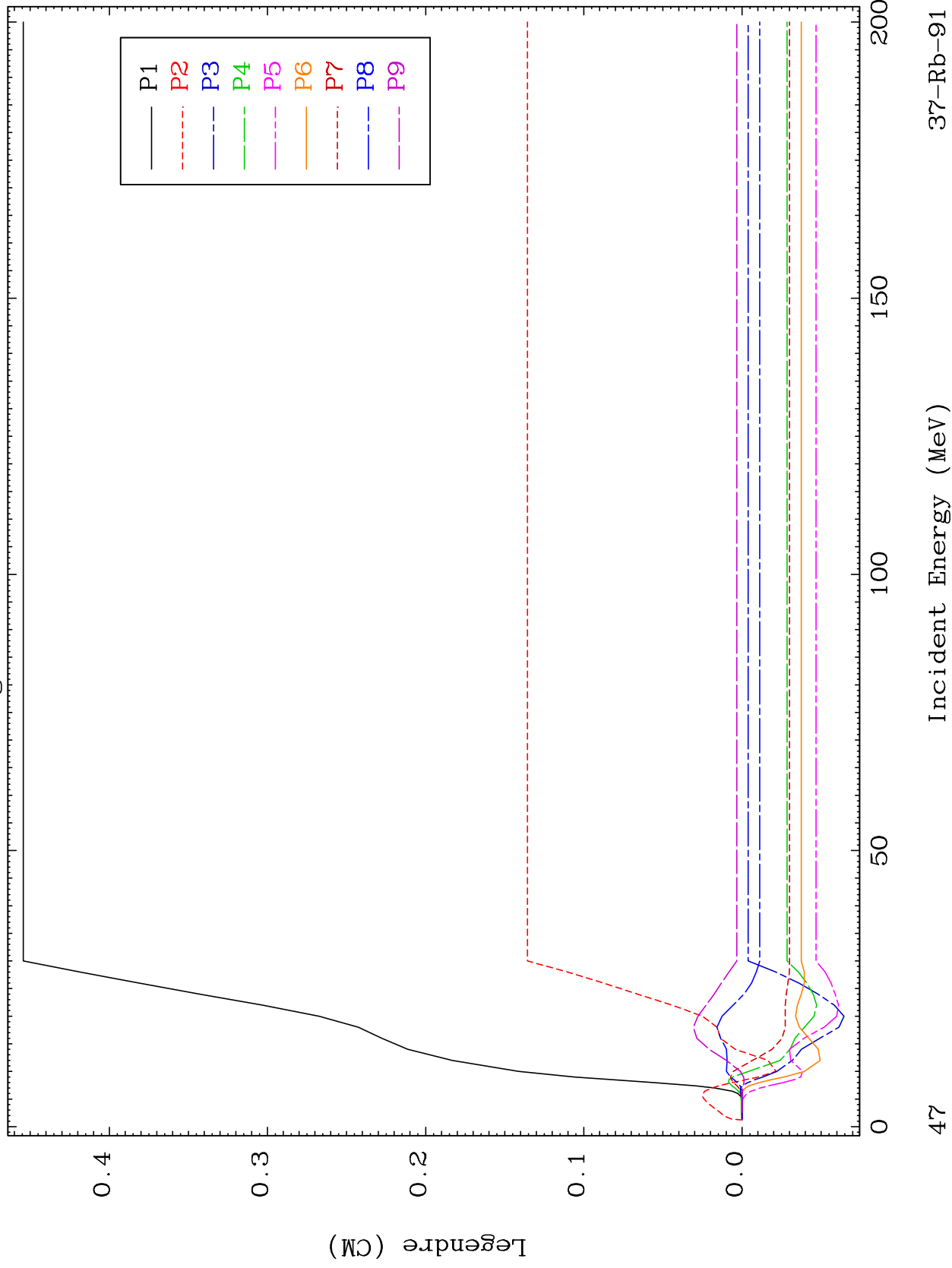
37-Rb-91



MAT 3743

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

37-Rb-91



37-Rb-91

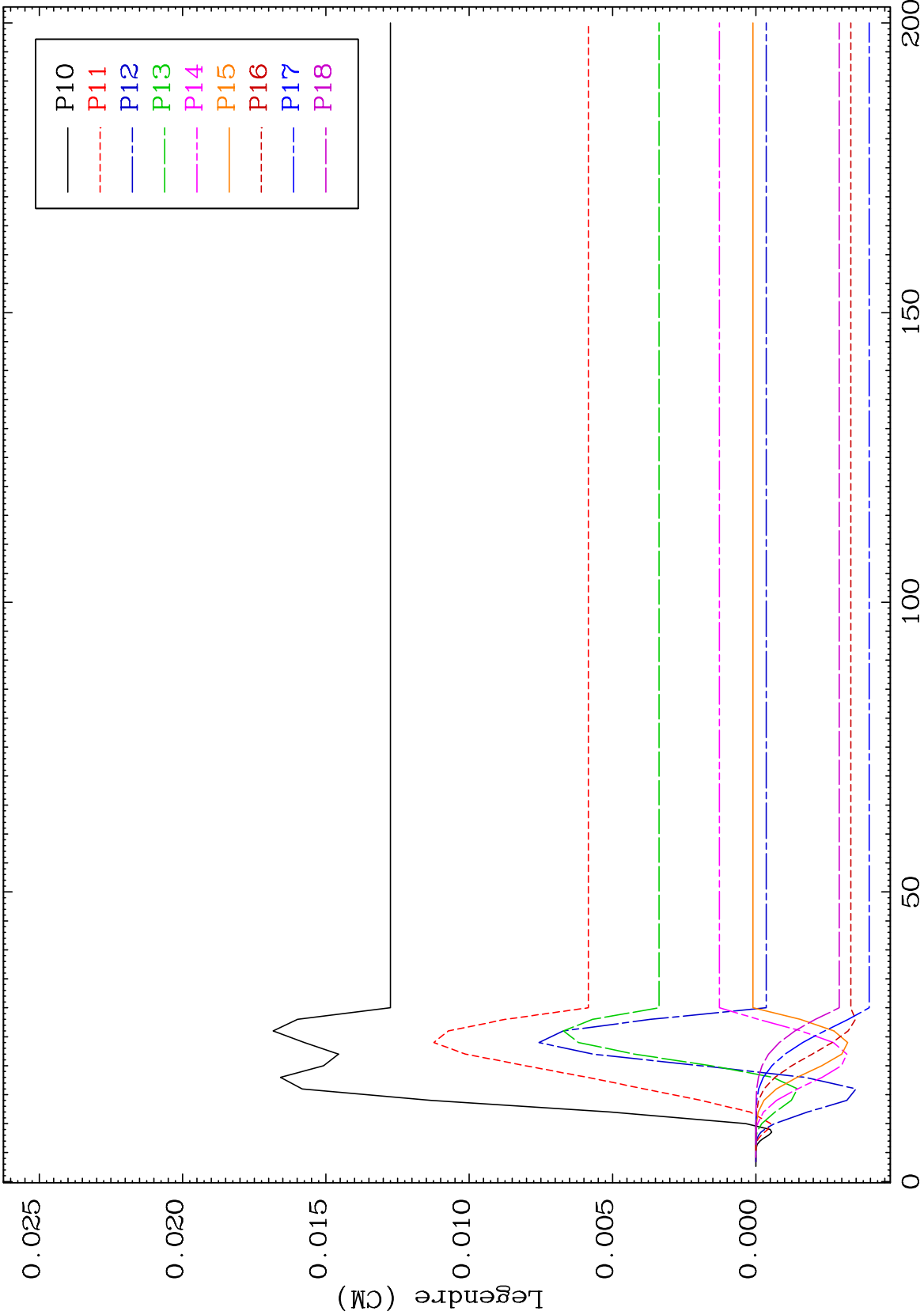
Incident Energy (MeV)

47

MAT 3743

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

37-Rb-91



48

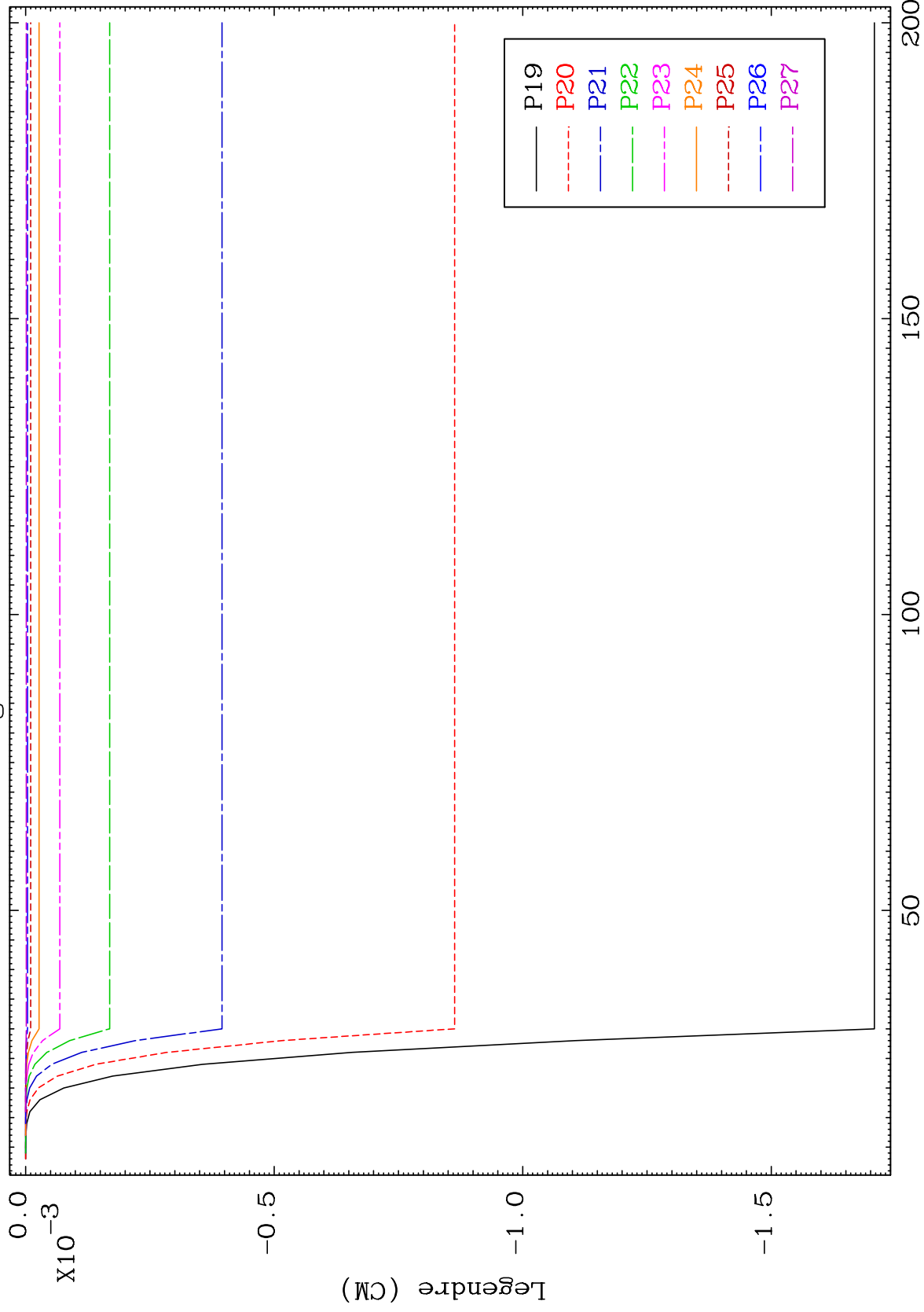
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

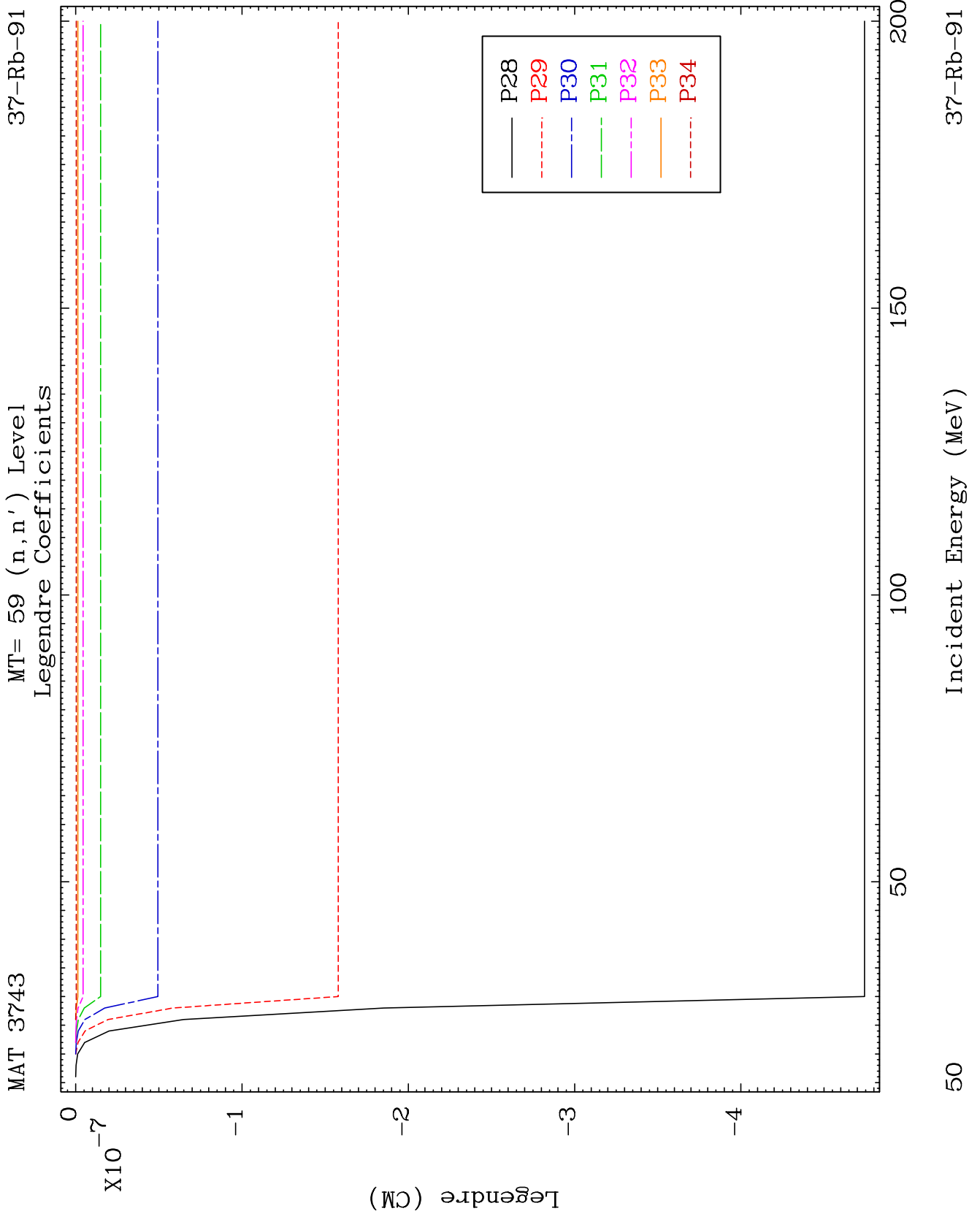
37-Rb-91



49

Incident Energy (MeV)

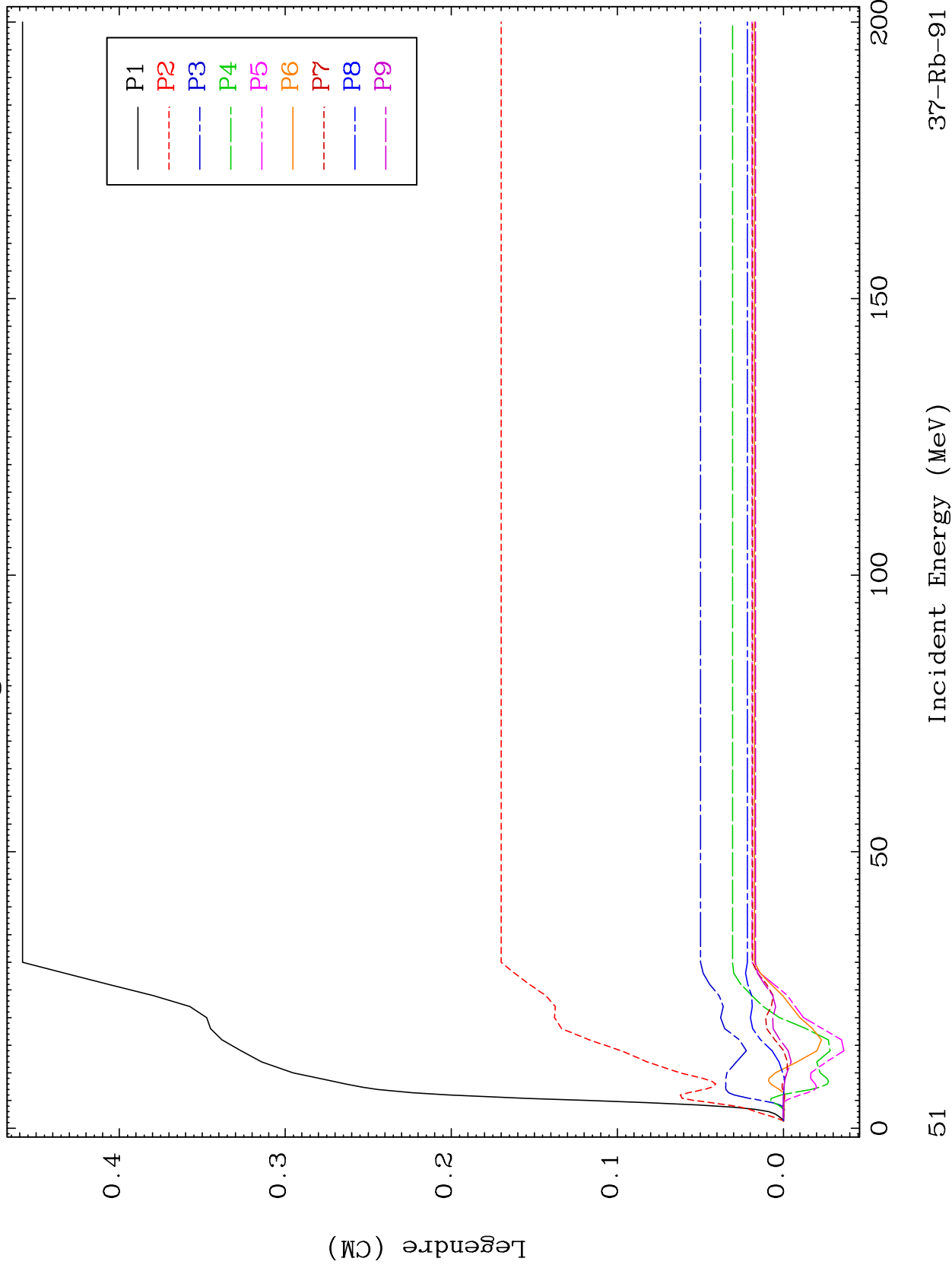
37-Rb-91



MAT 3743

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

37-Rb-91



51

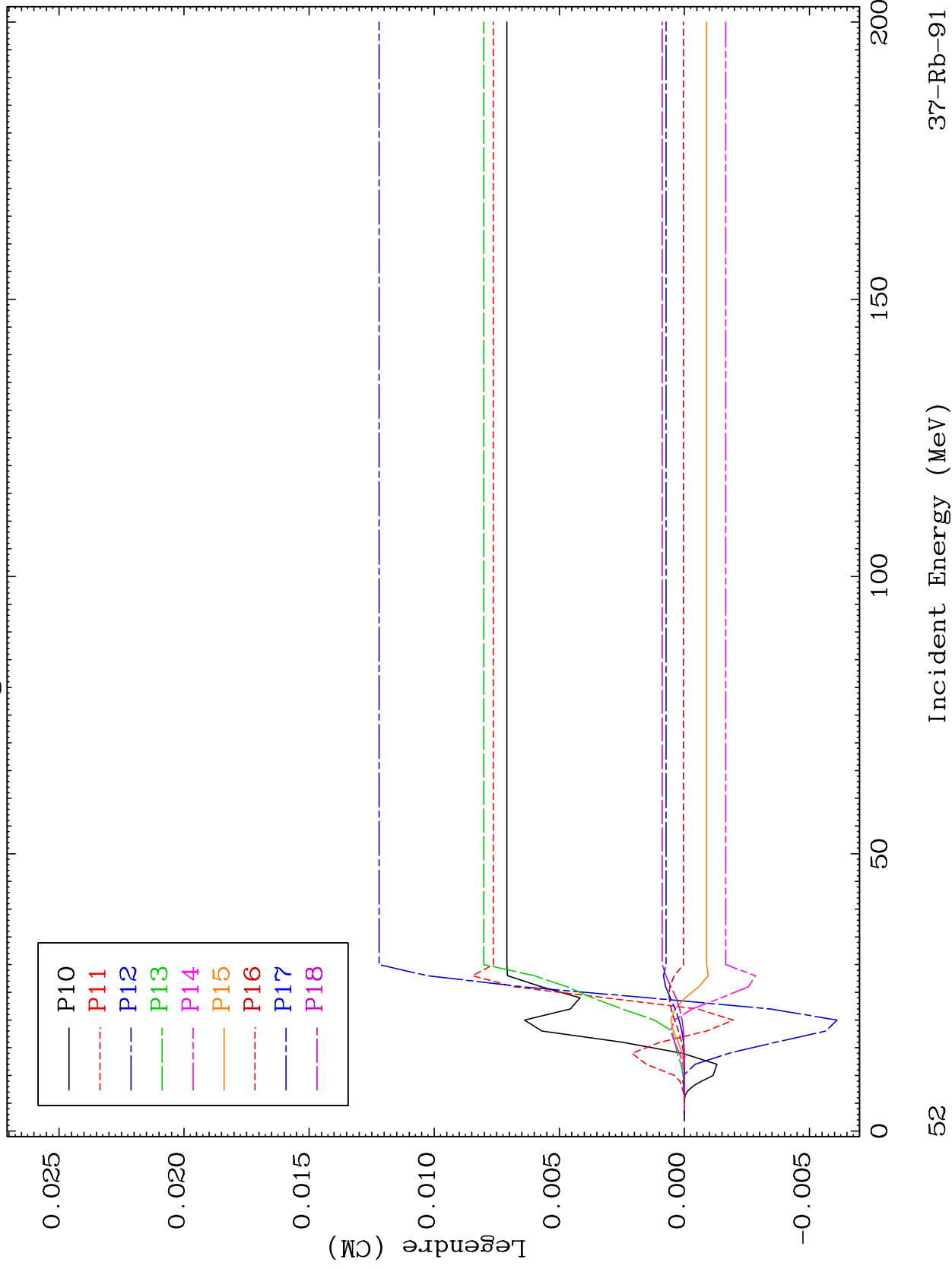
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



52

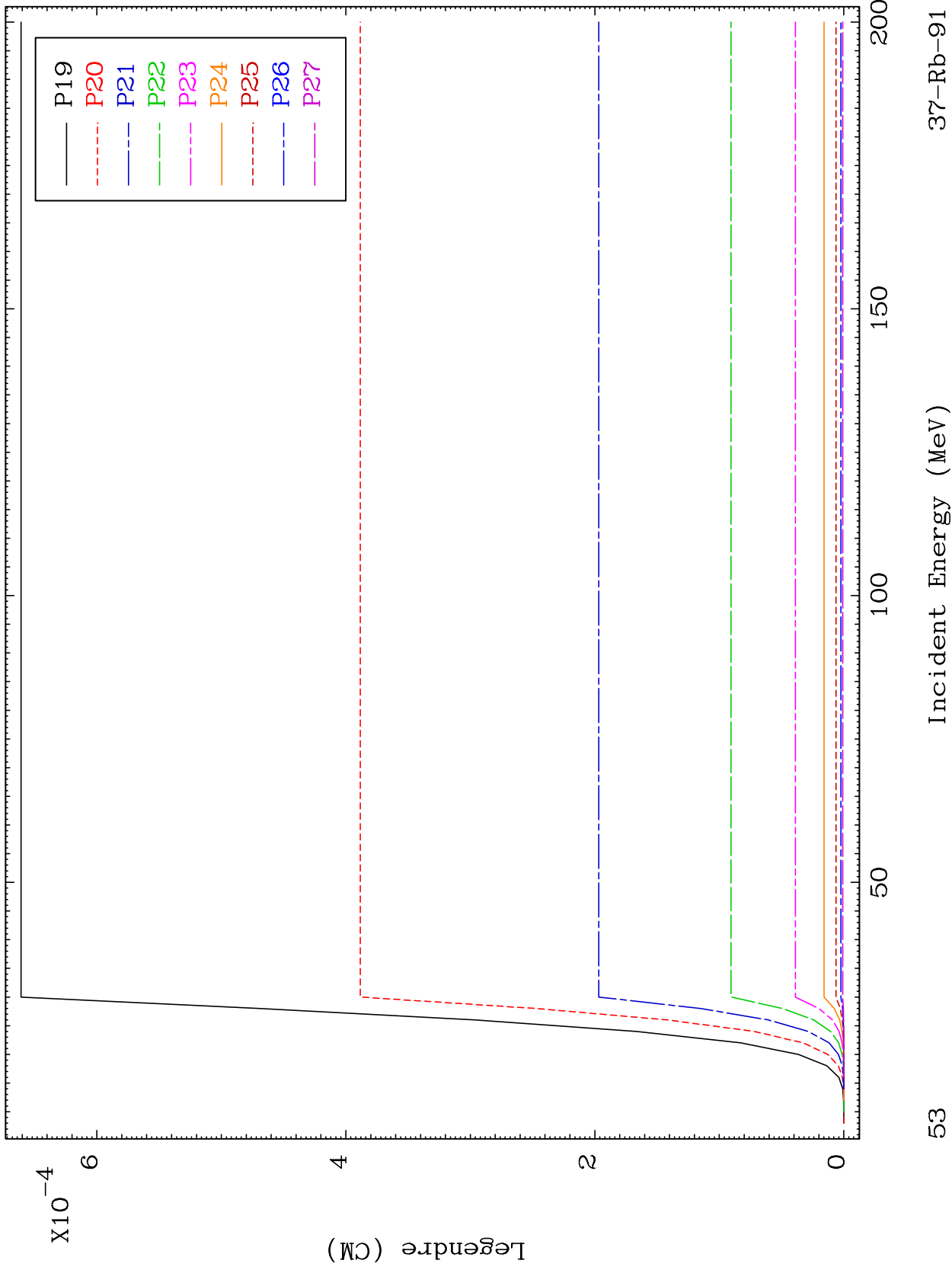
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



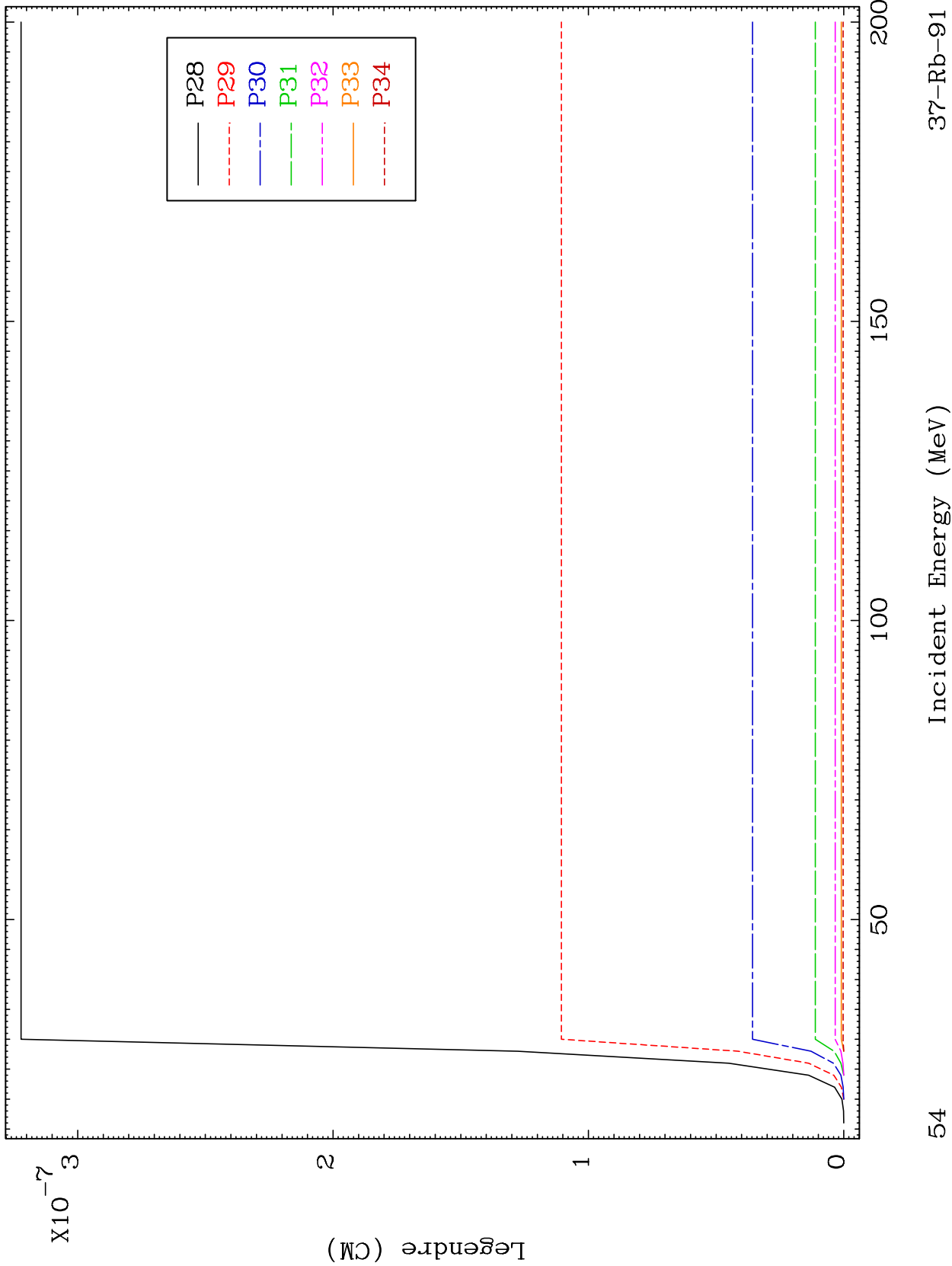
53

37-Rb-91

MAT 3743

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

37-Rb-91

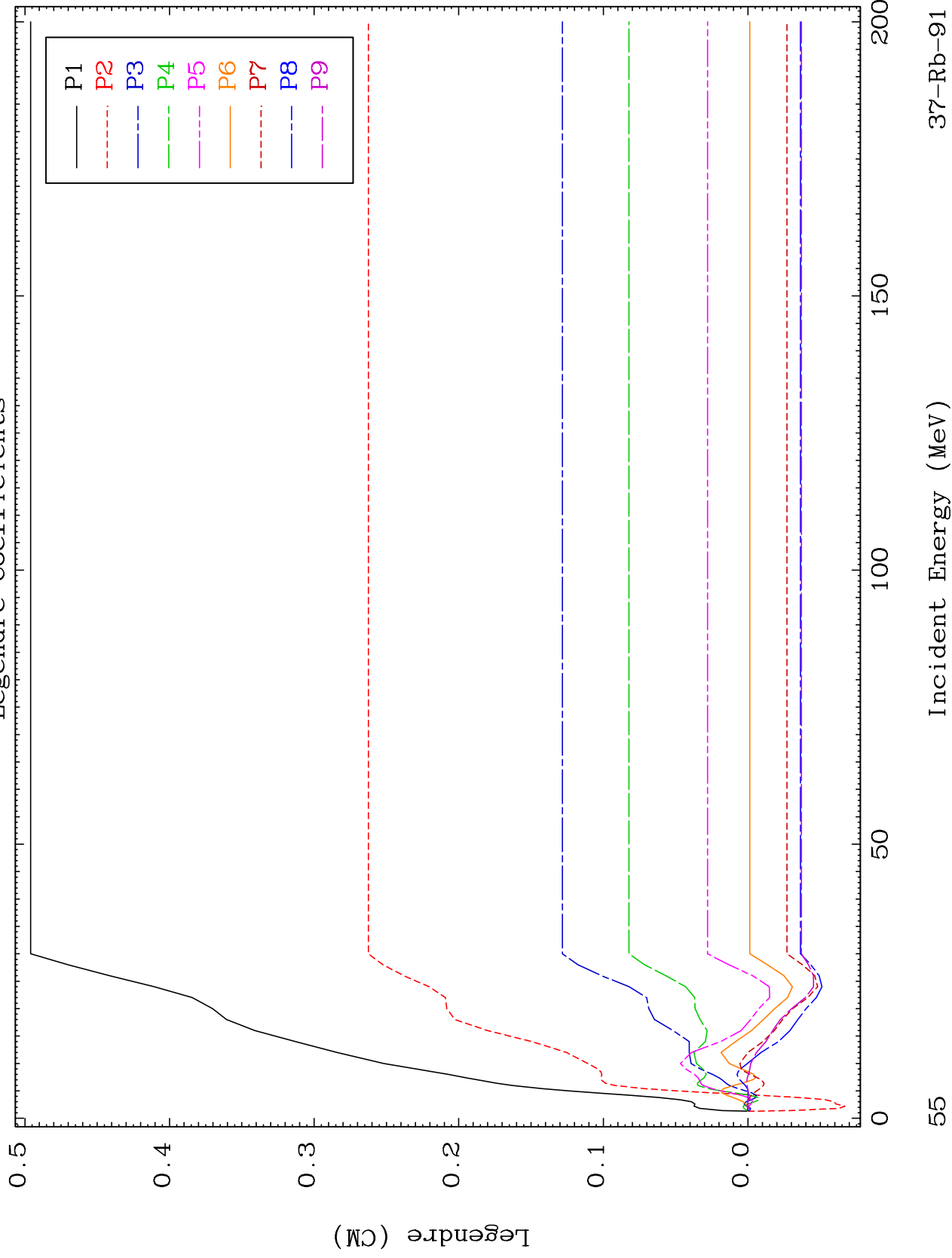


MAT 3743

MT= 61 (n,n') Level

37-Rb-91

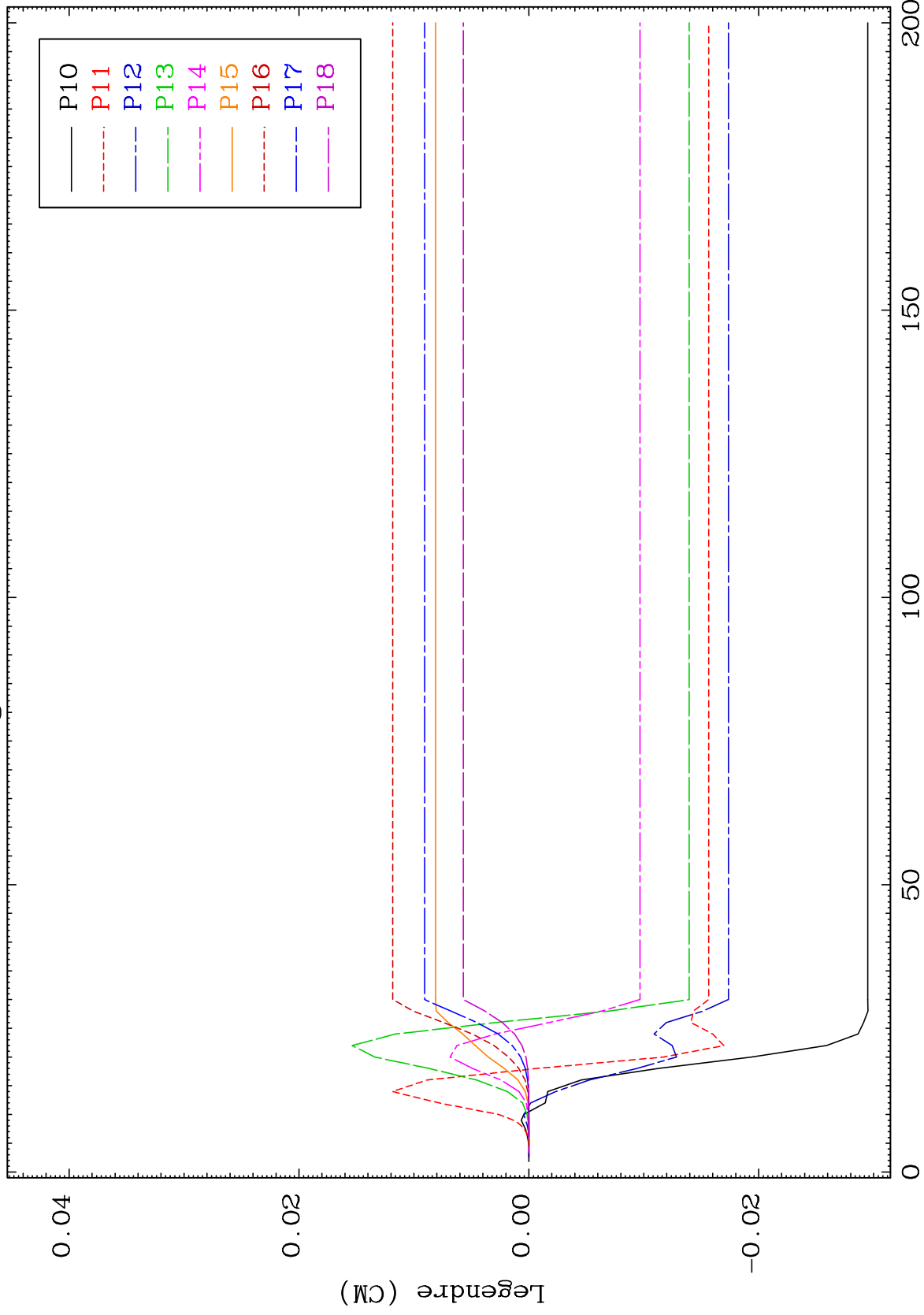
Legendre Coefficients



MAT 3743

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

37-Rb-91



56

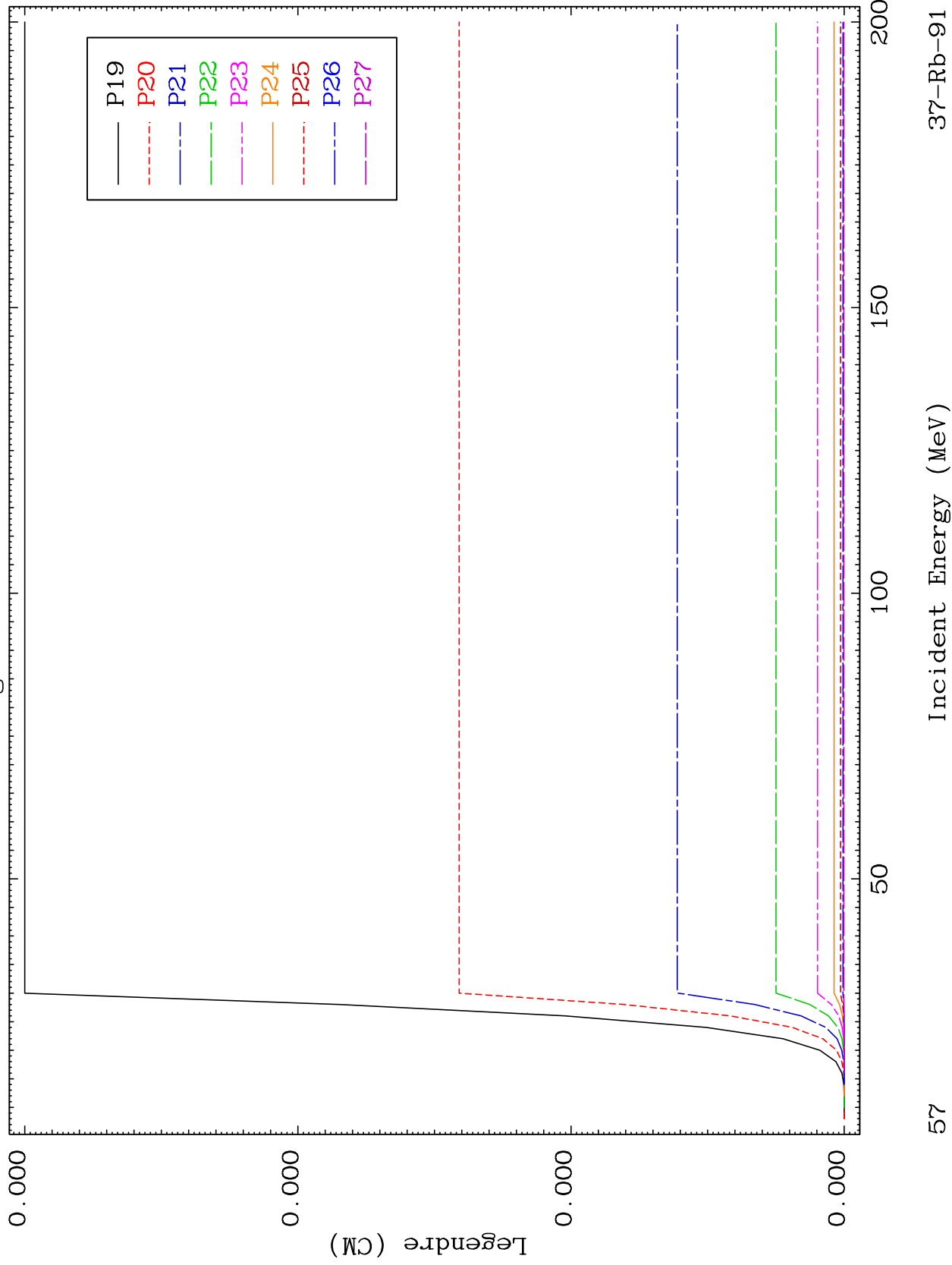
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



57

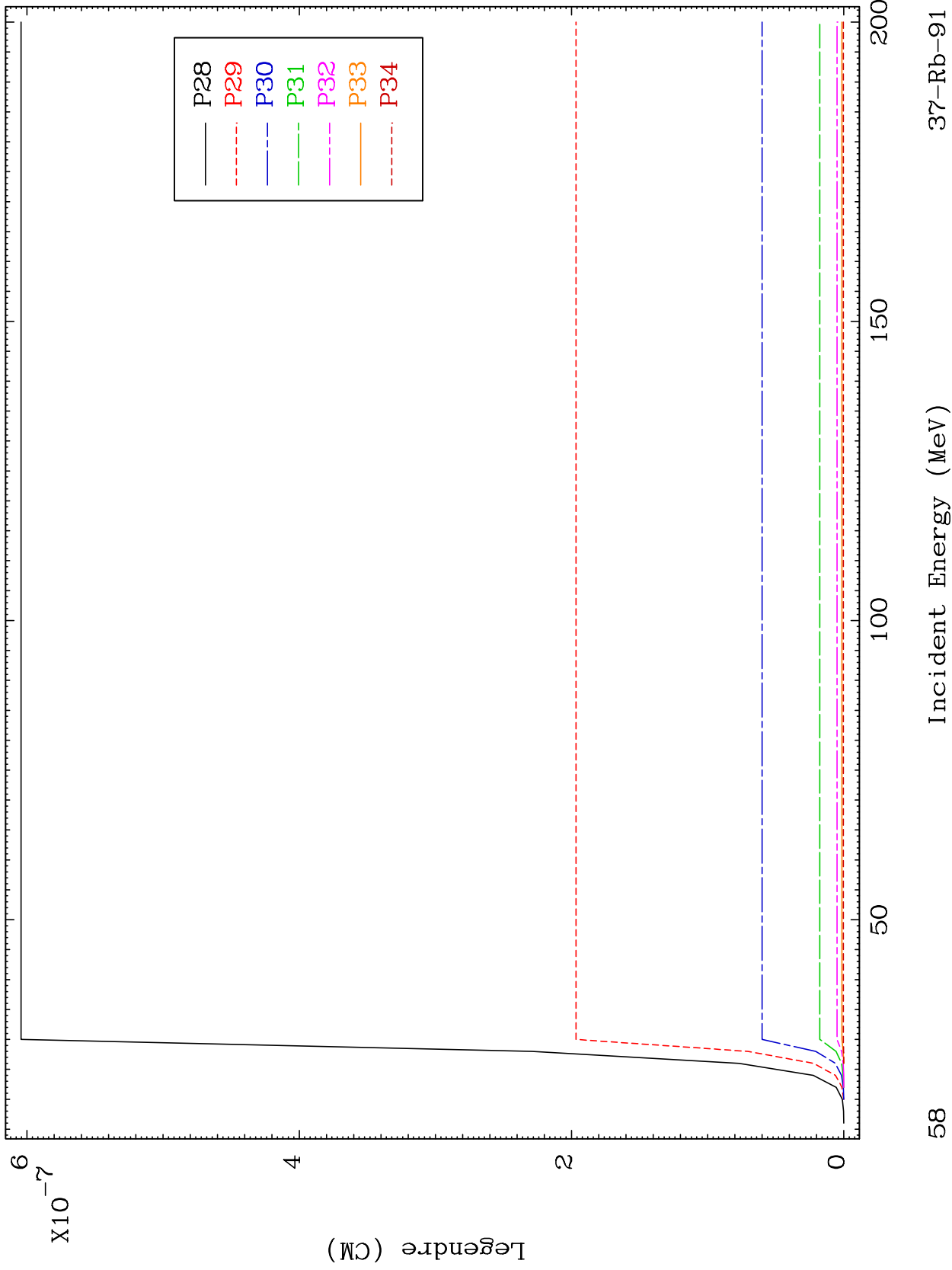
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

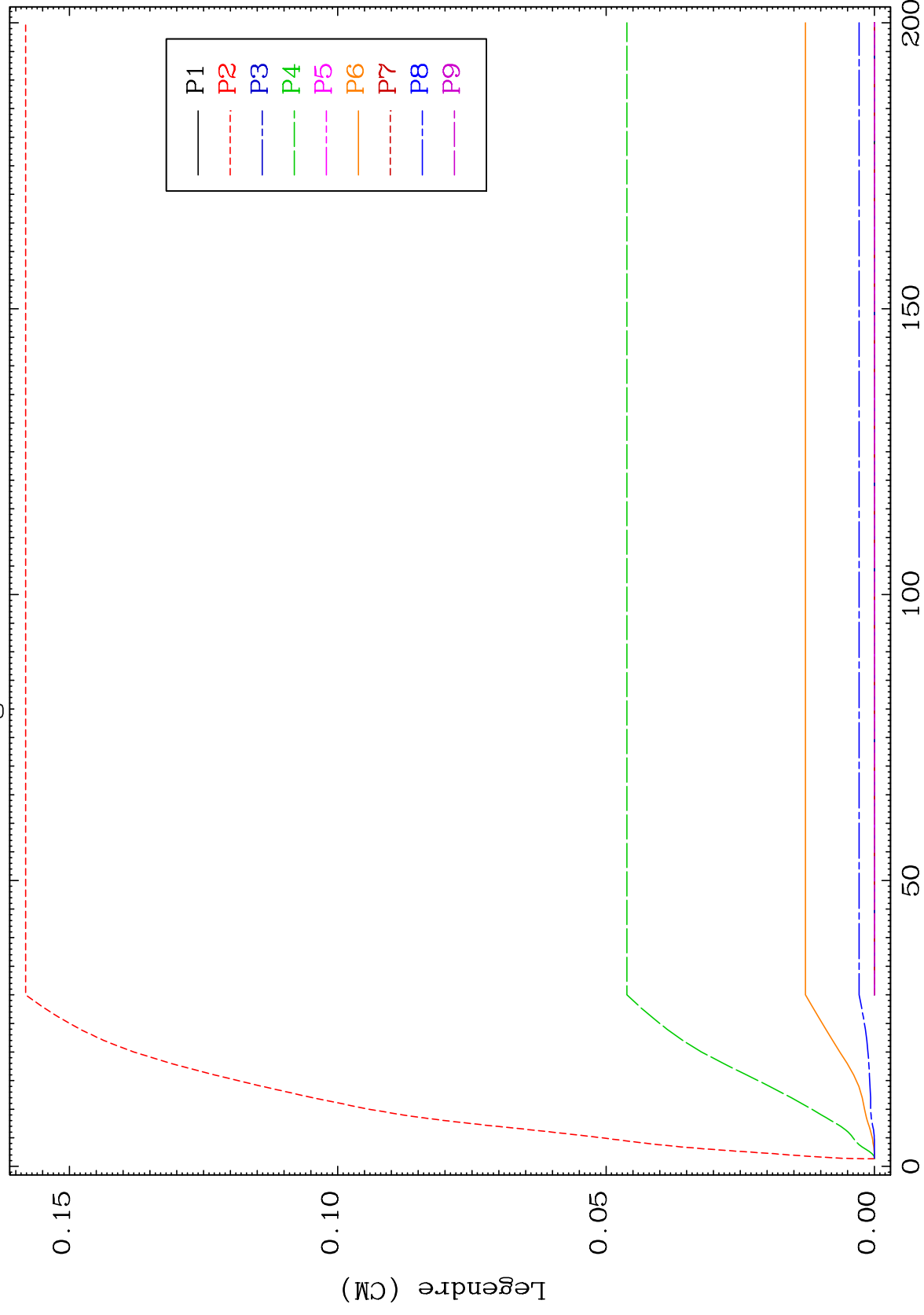
37-Rb-91



MAT 3743

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

37-Rb-91



59

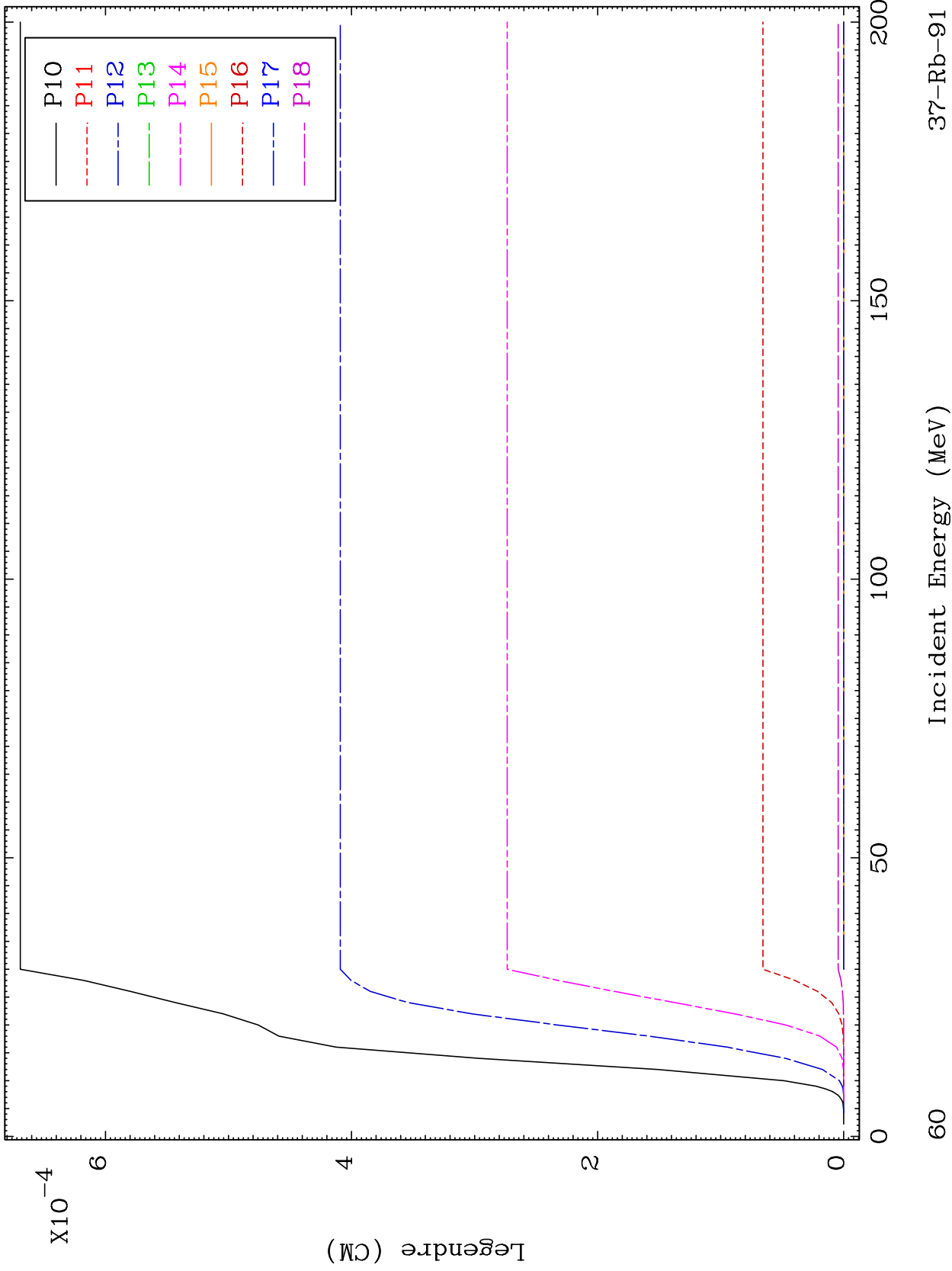
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

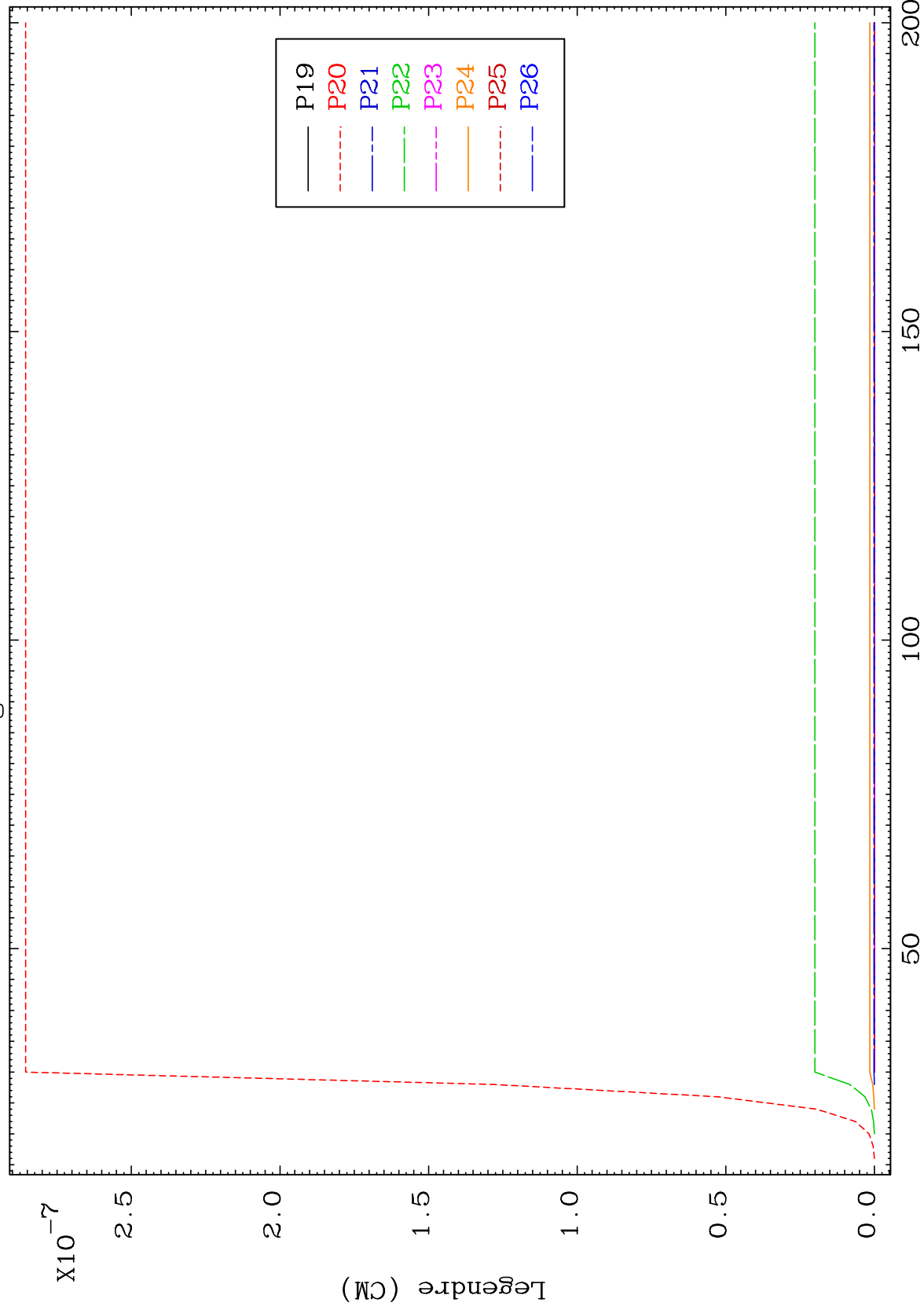
37-Rb-91



MAT 3743

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

37-Rb-91



61

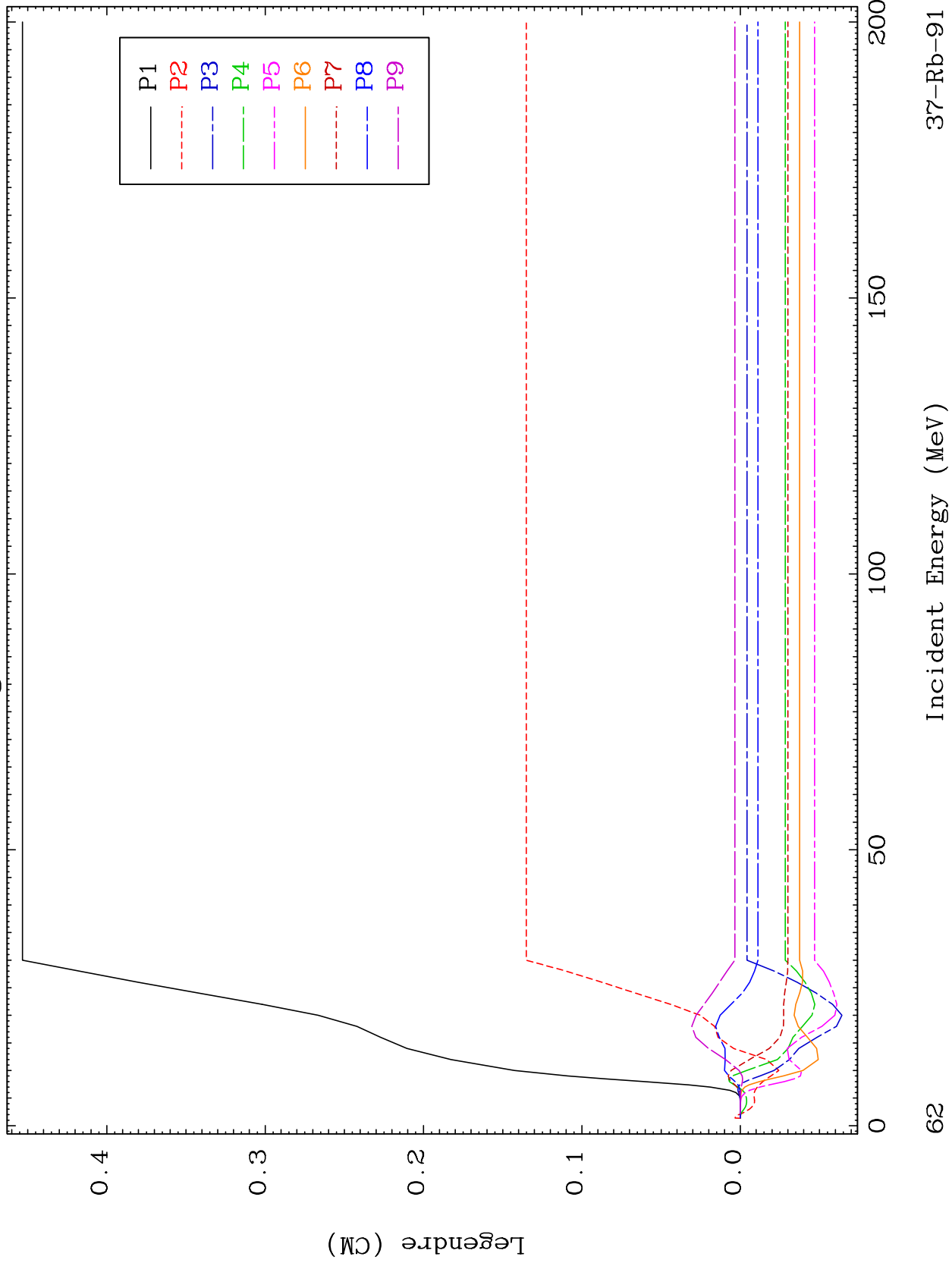
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



37-Rb-91

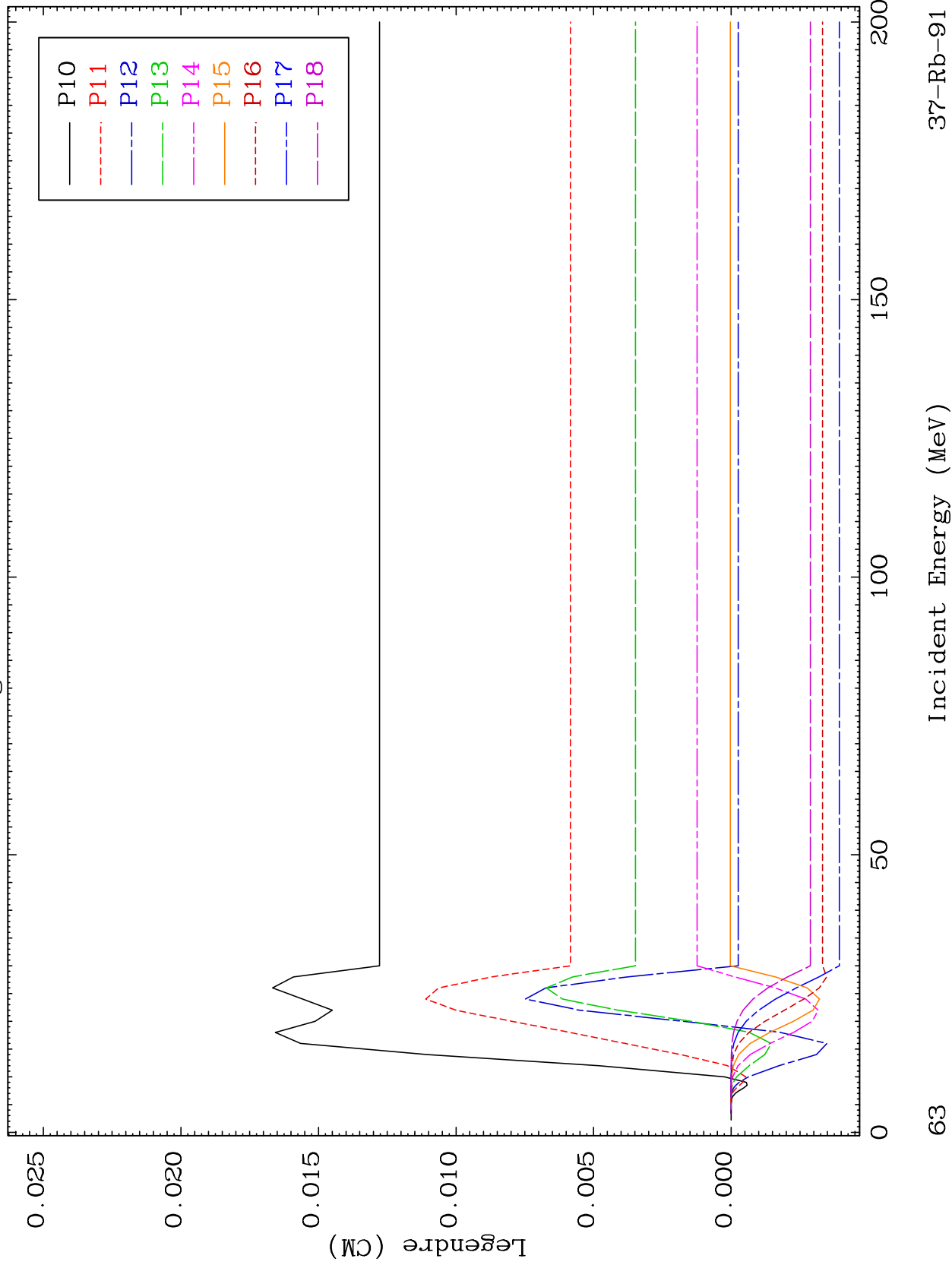
Incident Energy (MeV)

62

MAT 3743

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

37-Rb-91



63

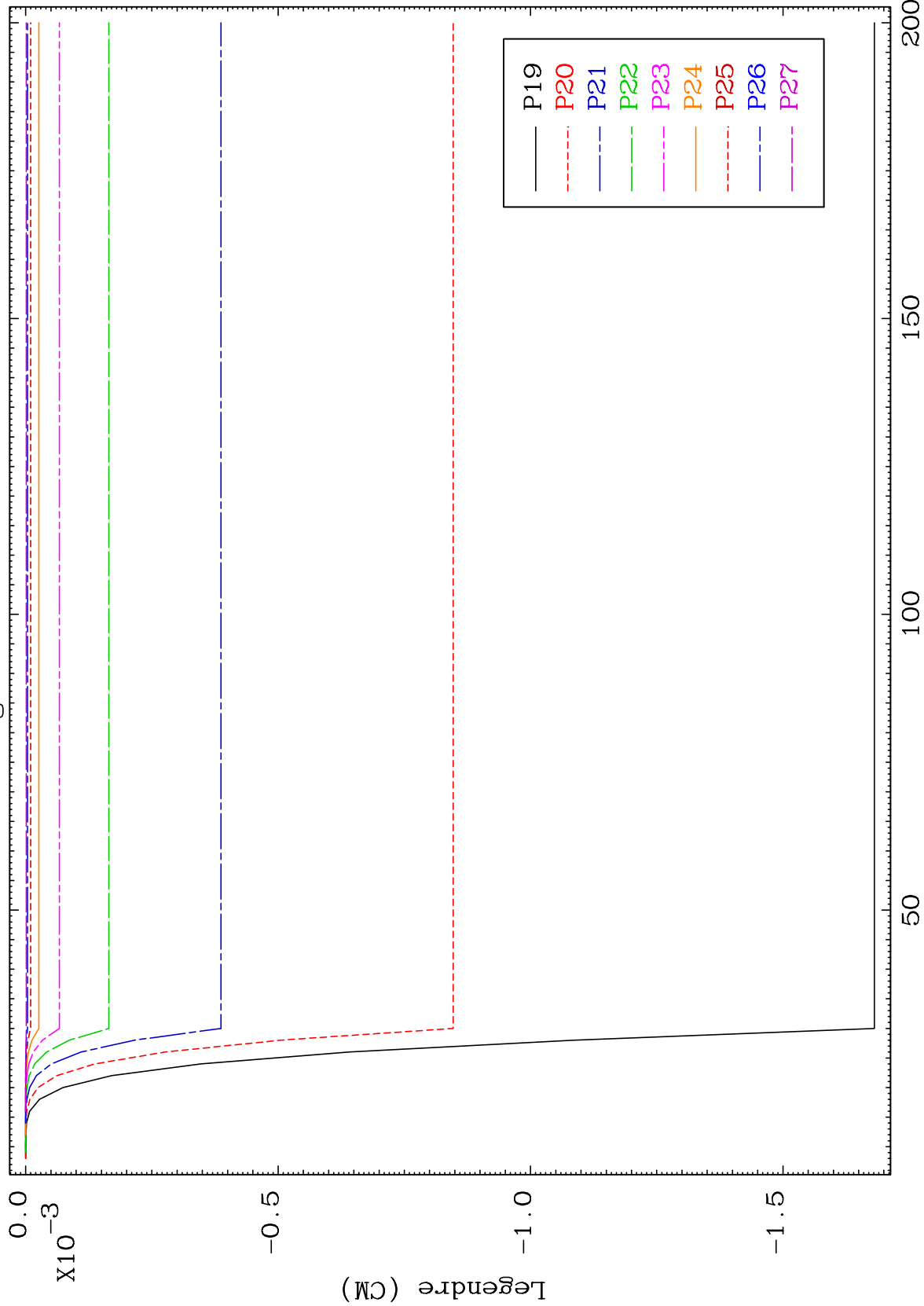
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



64

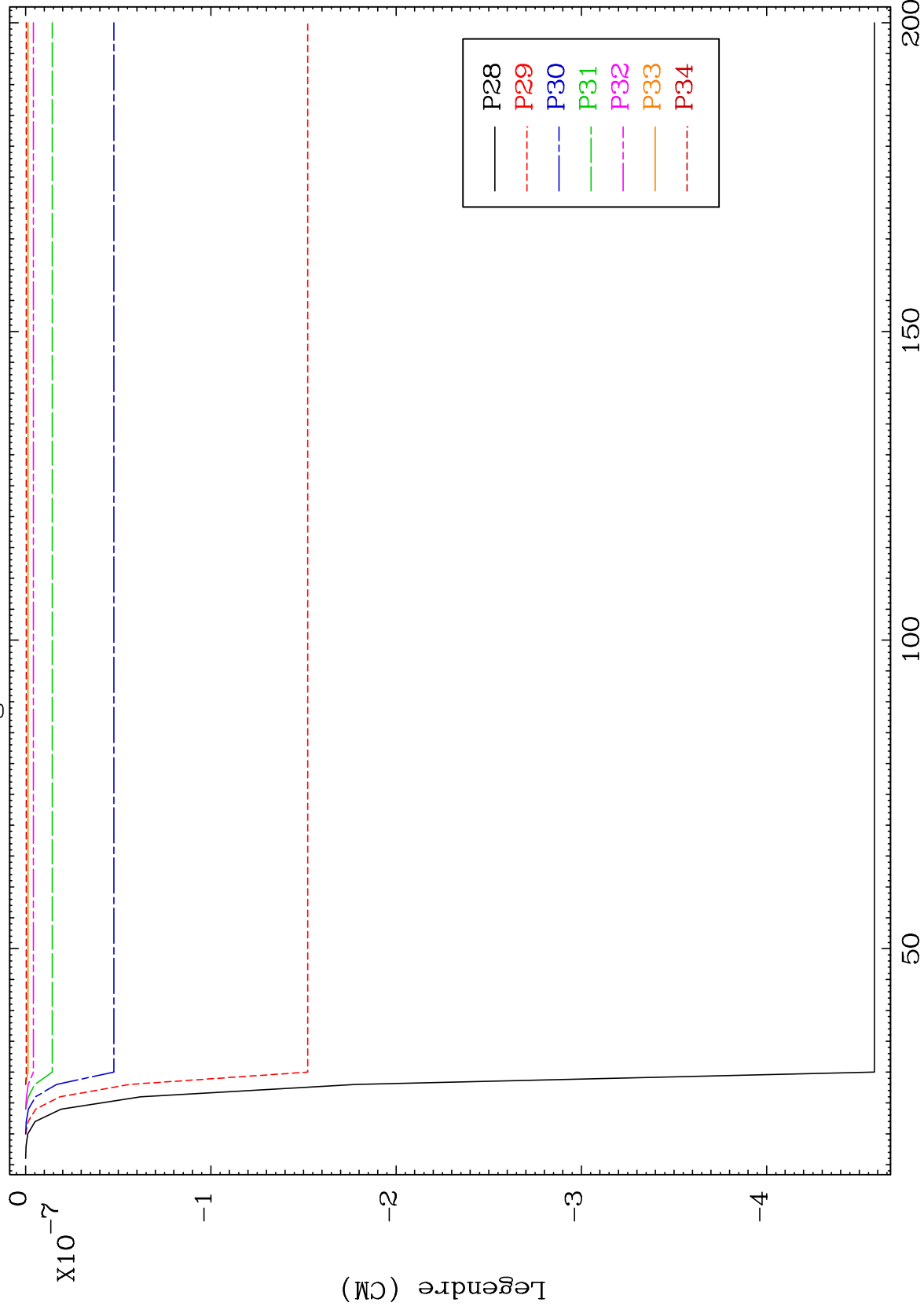
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



65

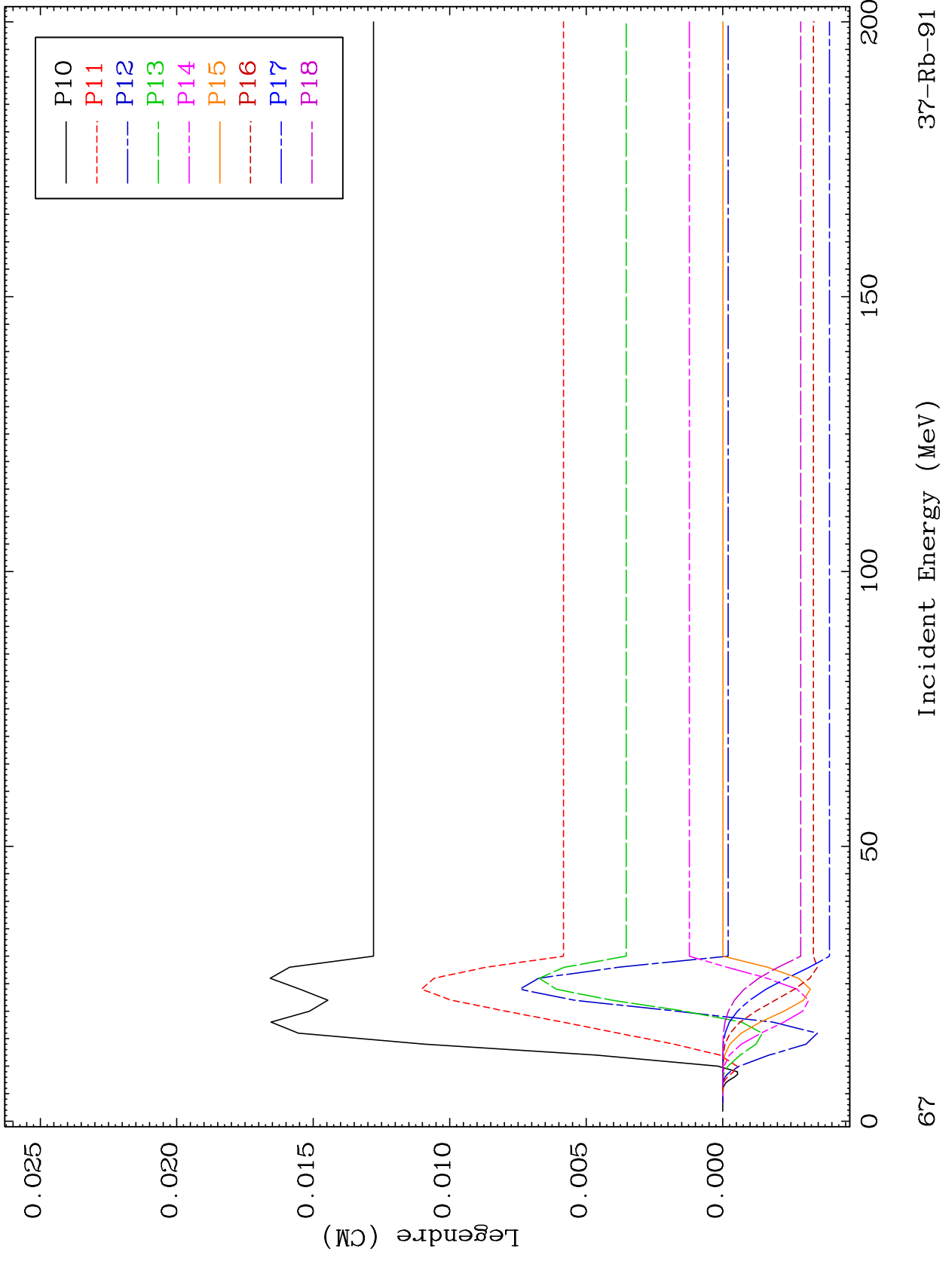
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



67

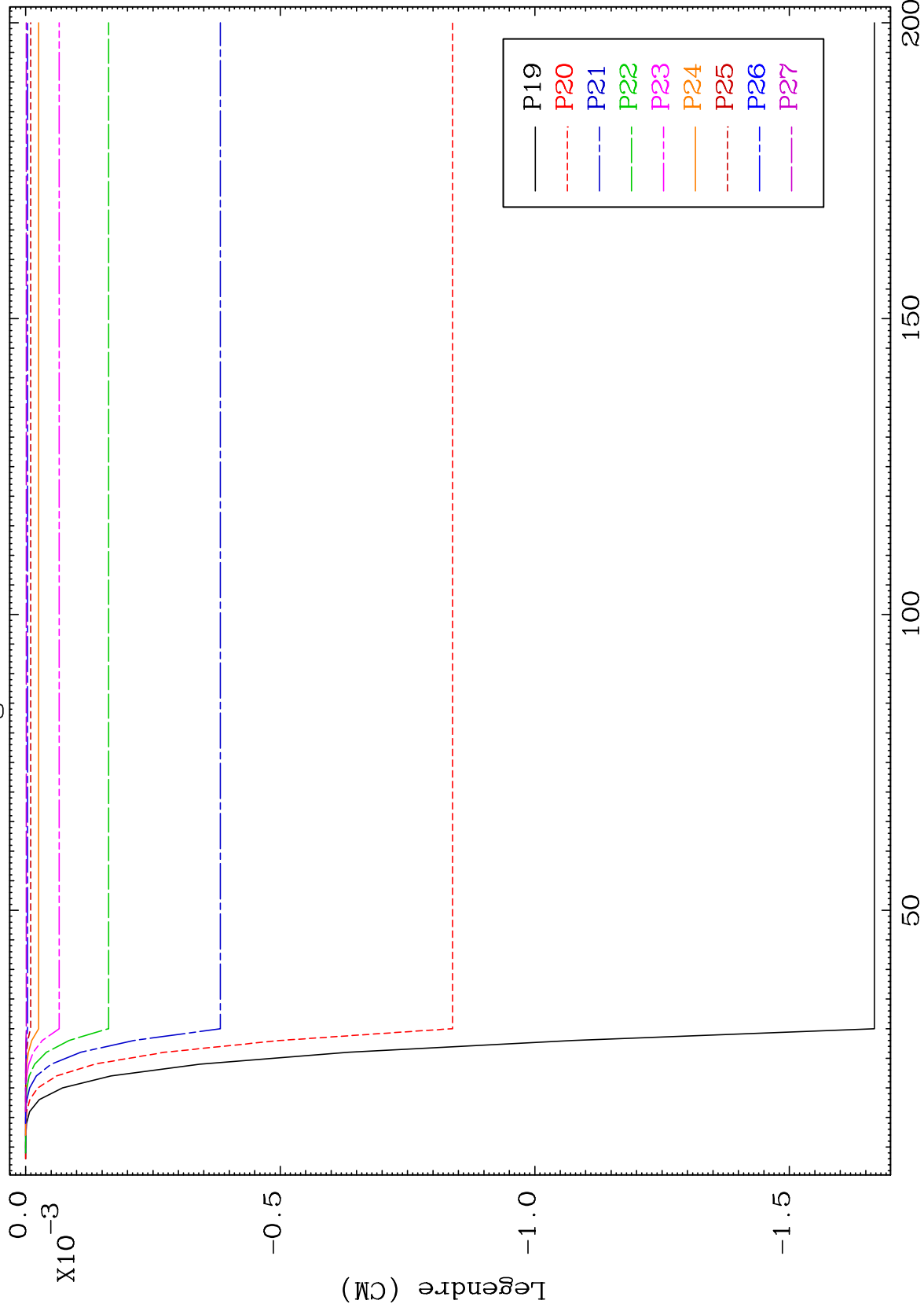
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



68

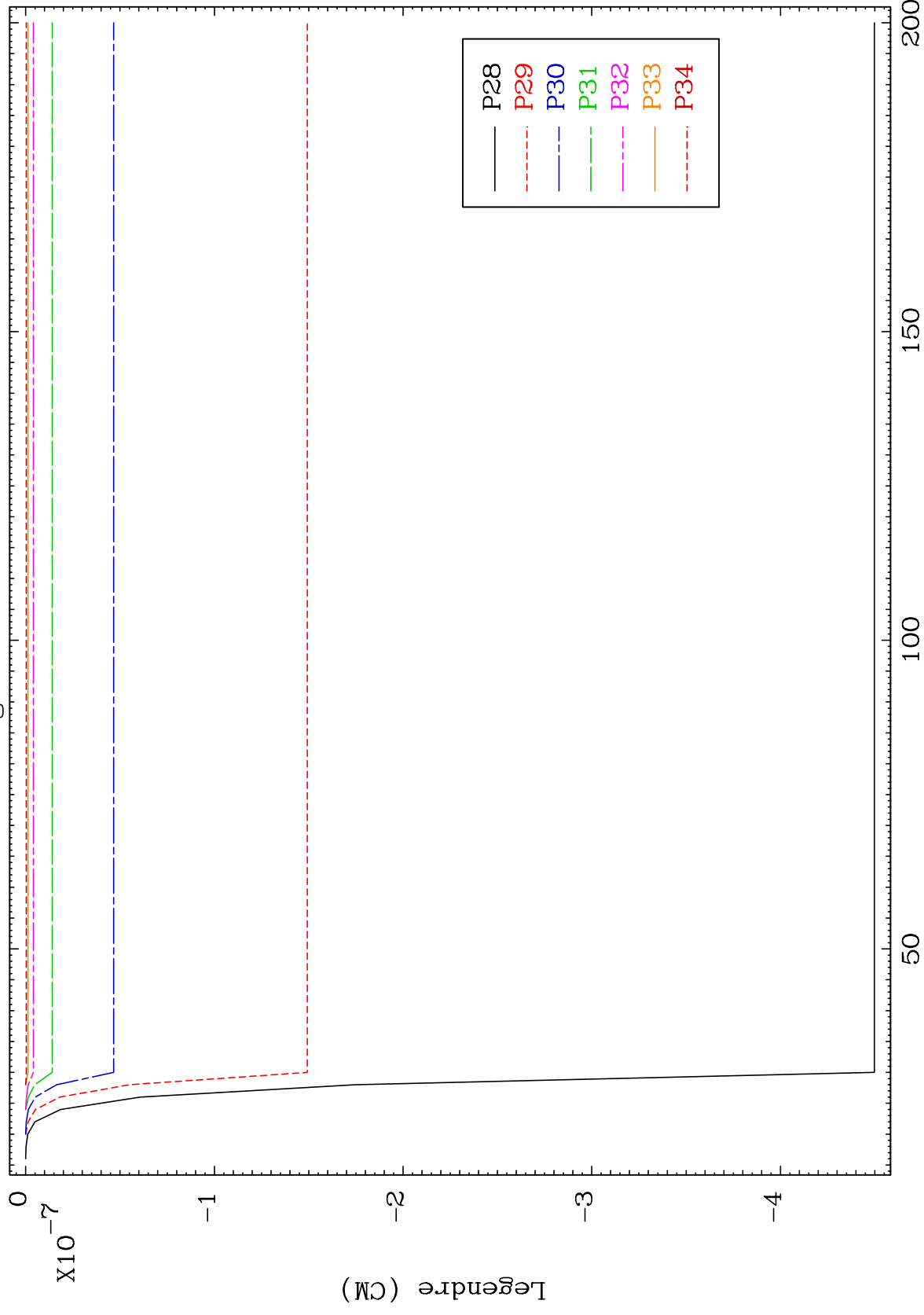
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



69

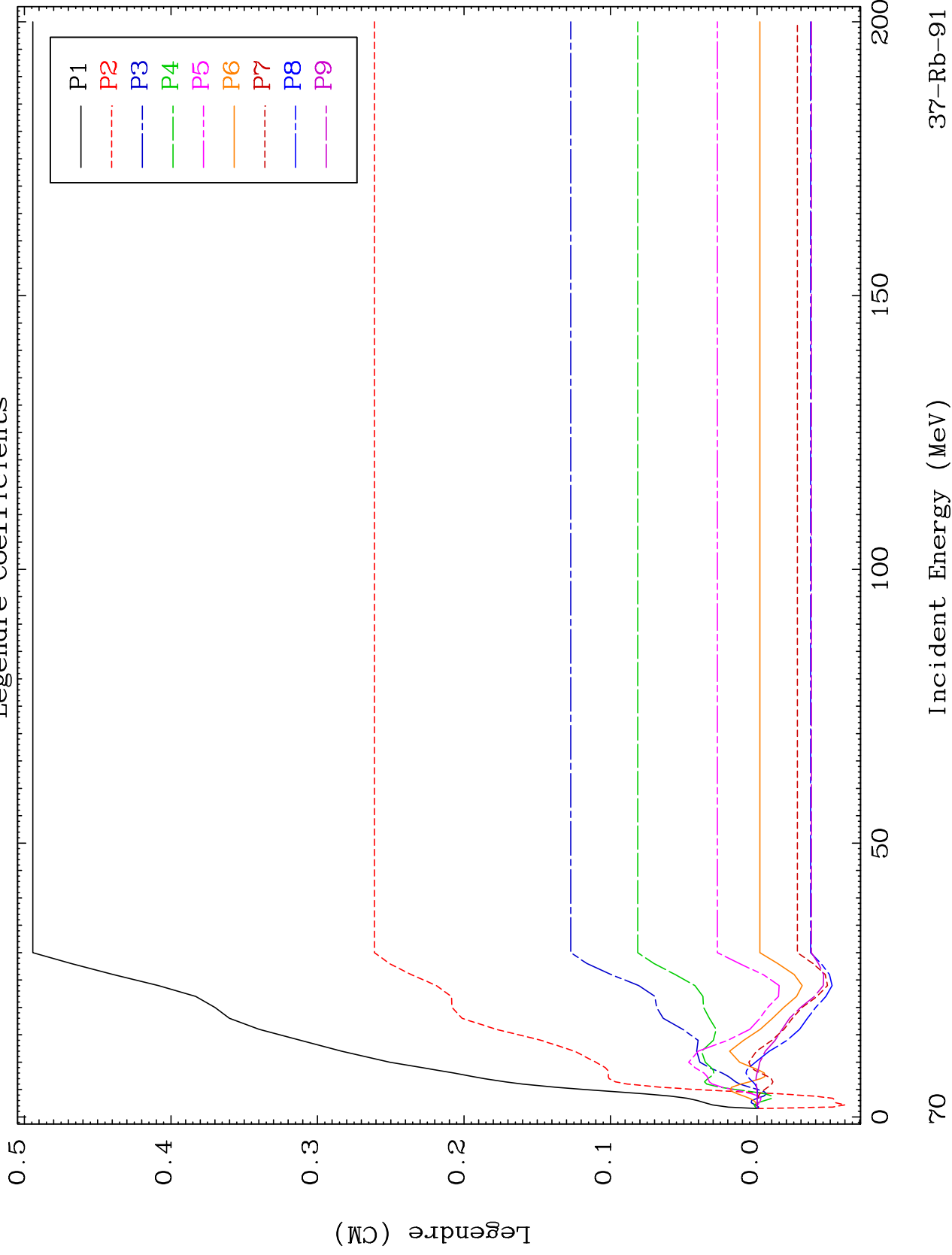
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



37-Rb-91

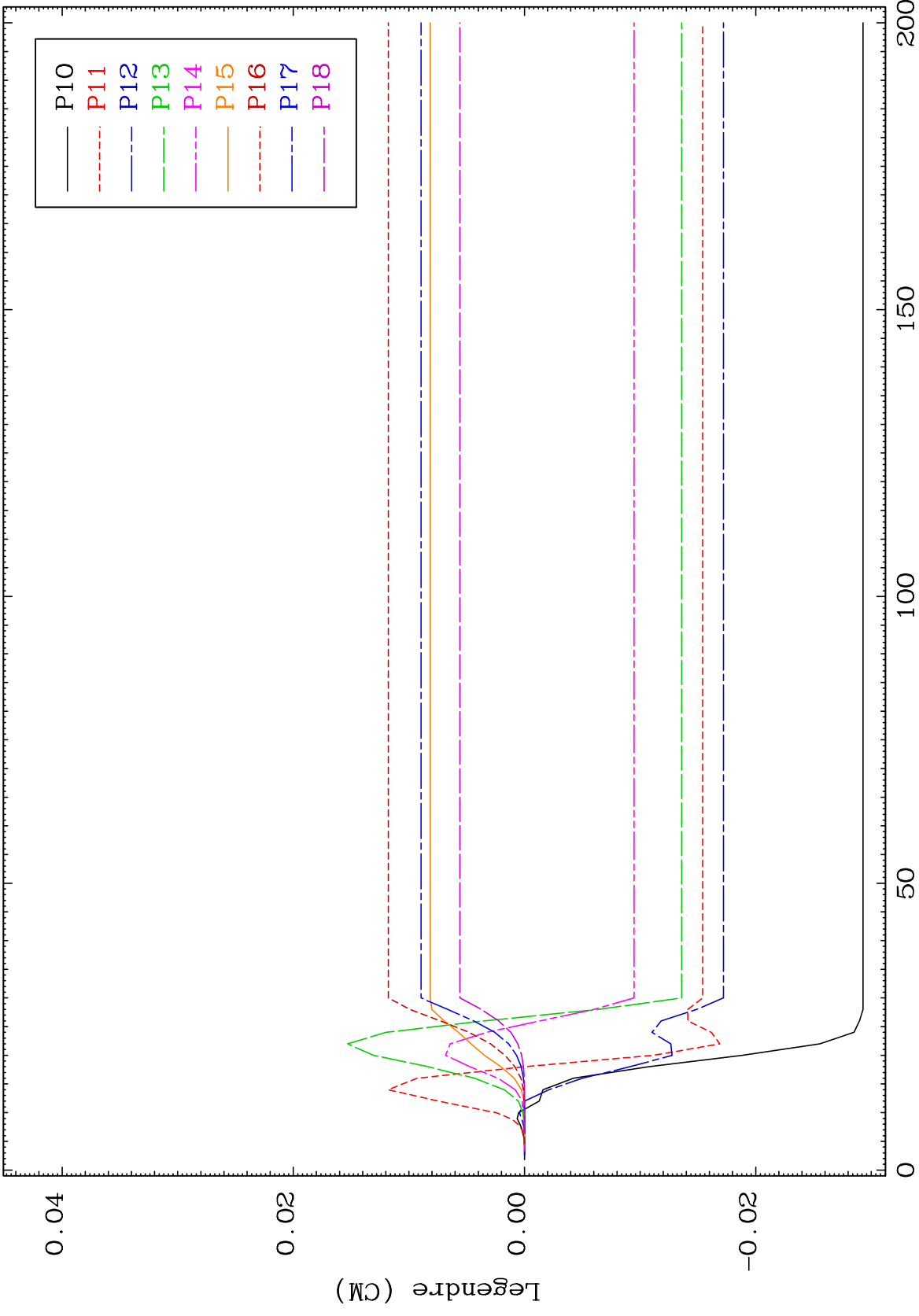
Incident Energy (MeV)

70

MAT 3743

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

37-Rb-91



71

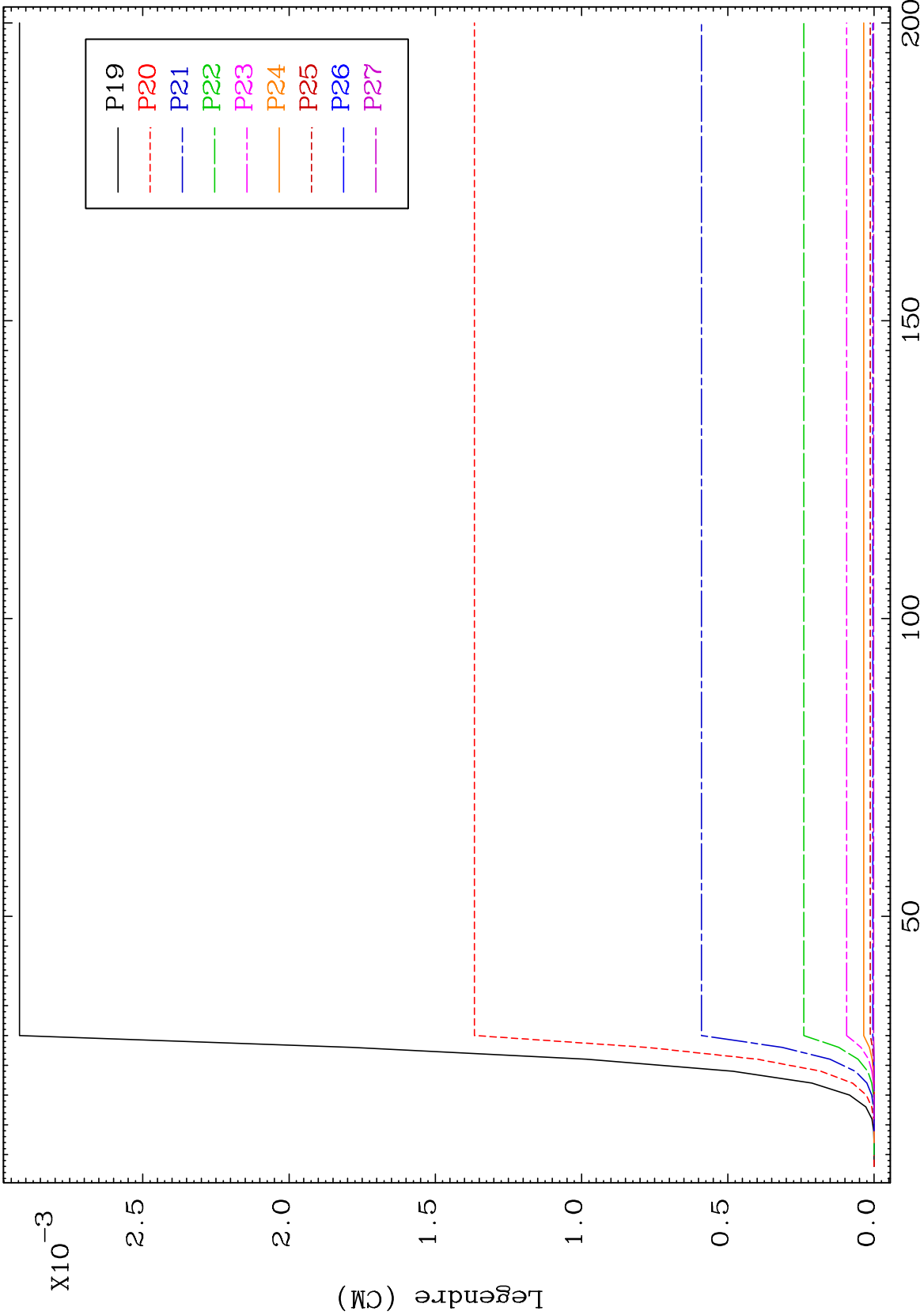
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



72

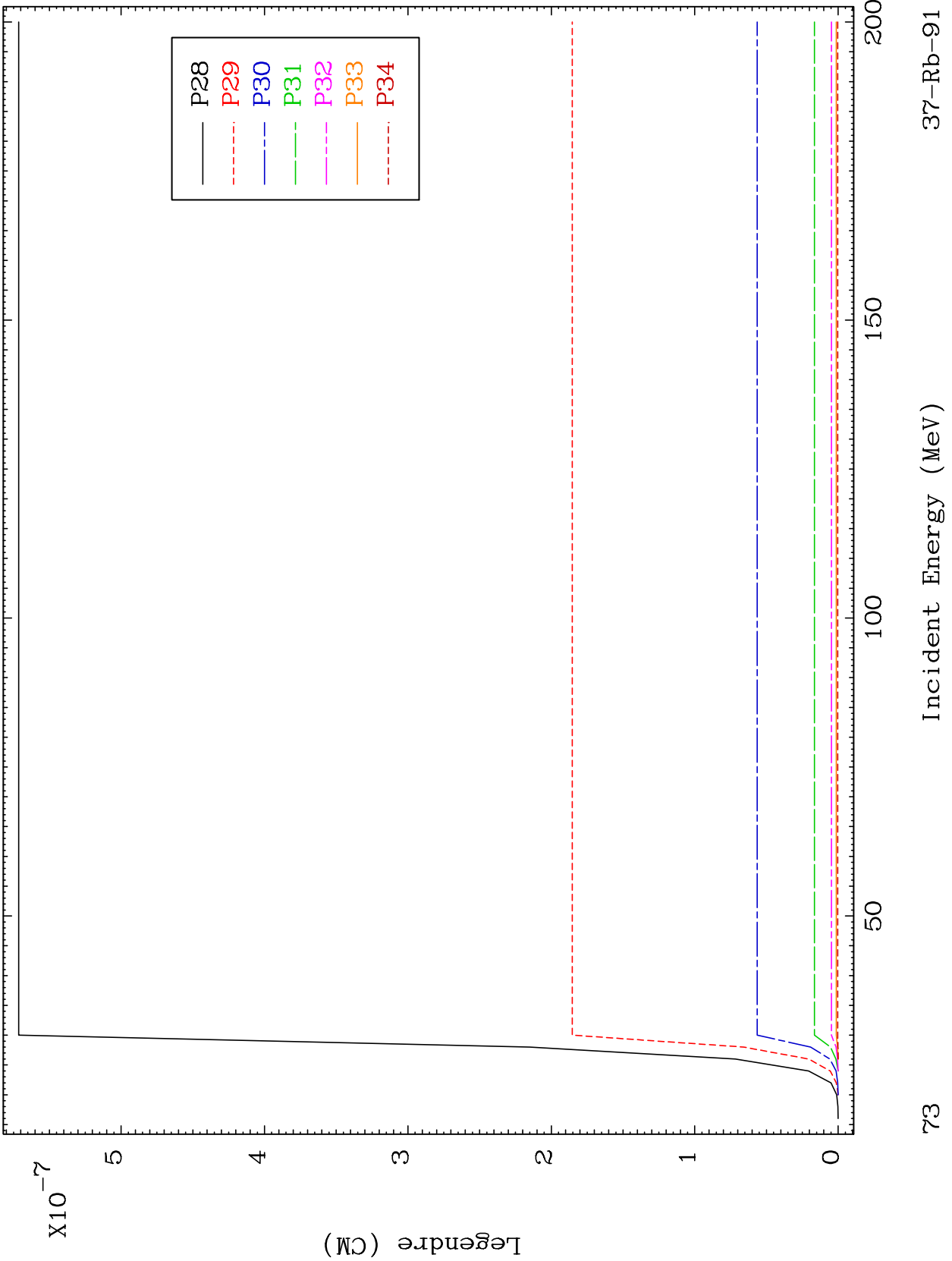
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

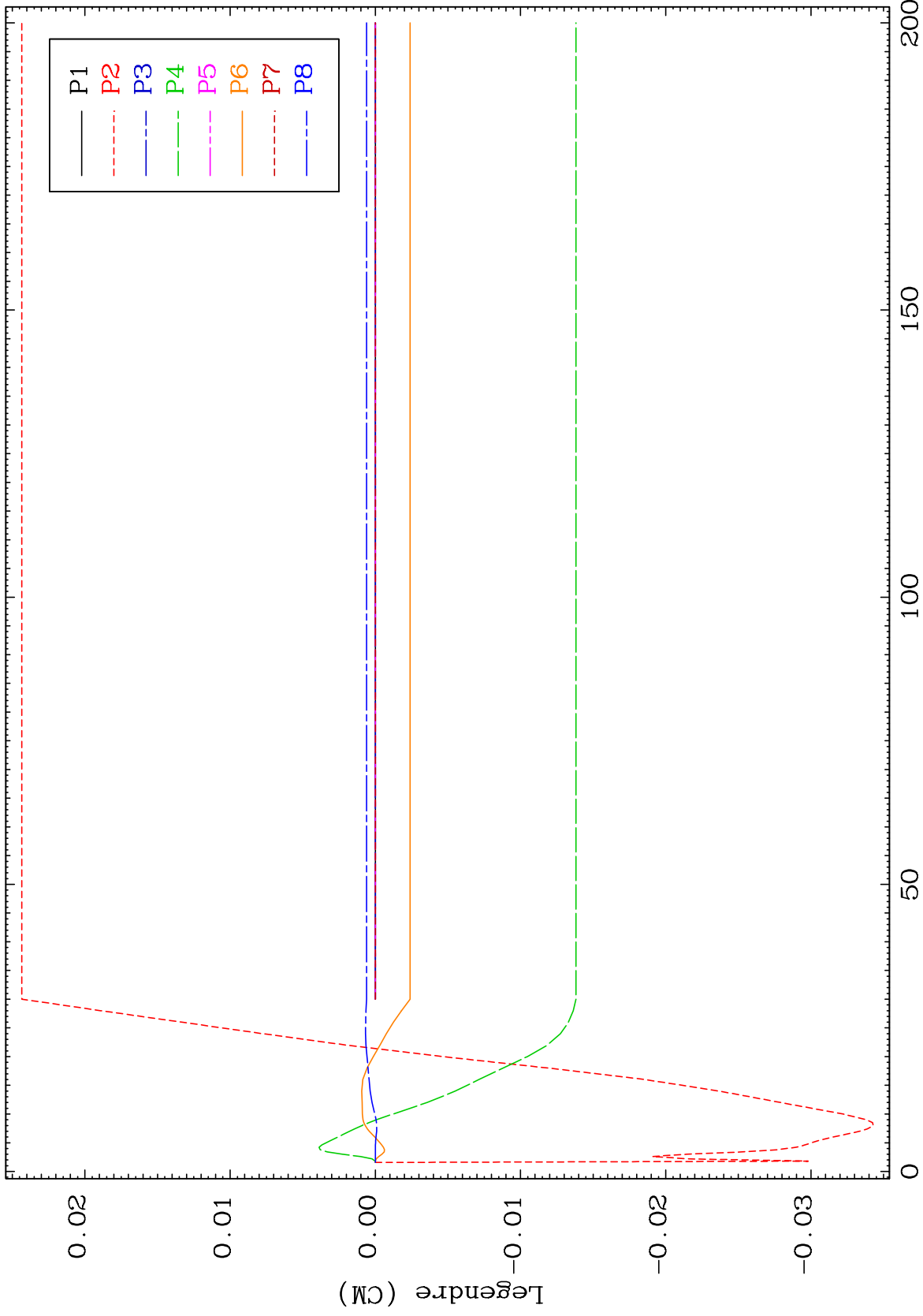
37-Rb-91



MAT 3743

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

37-Rb-91



74

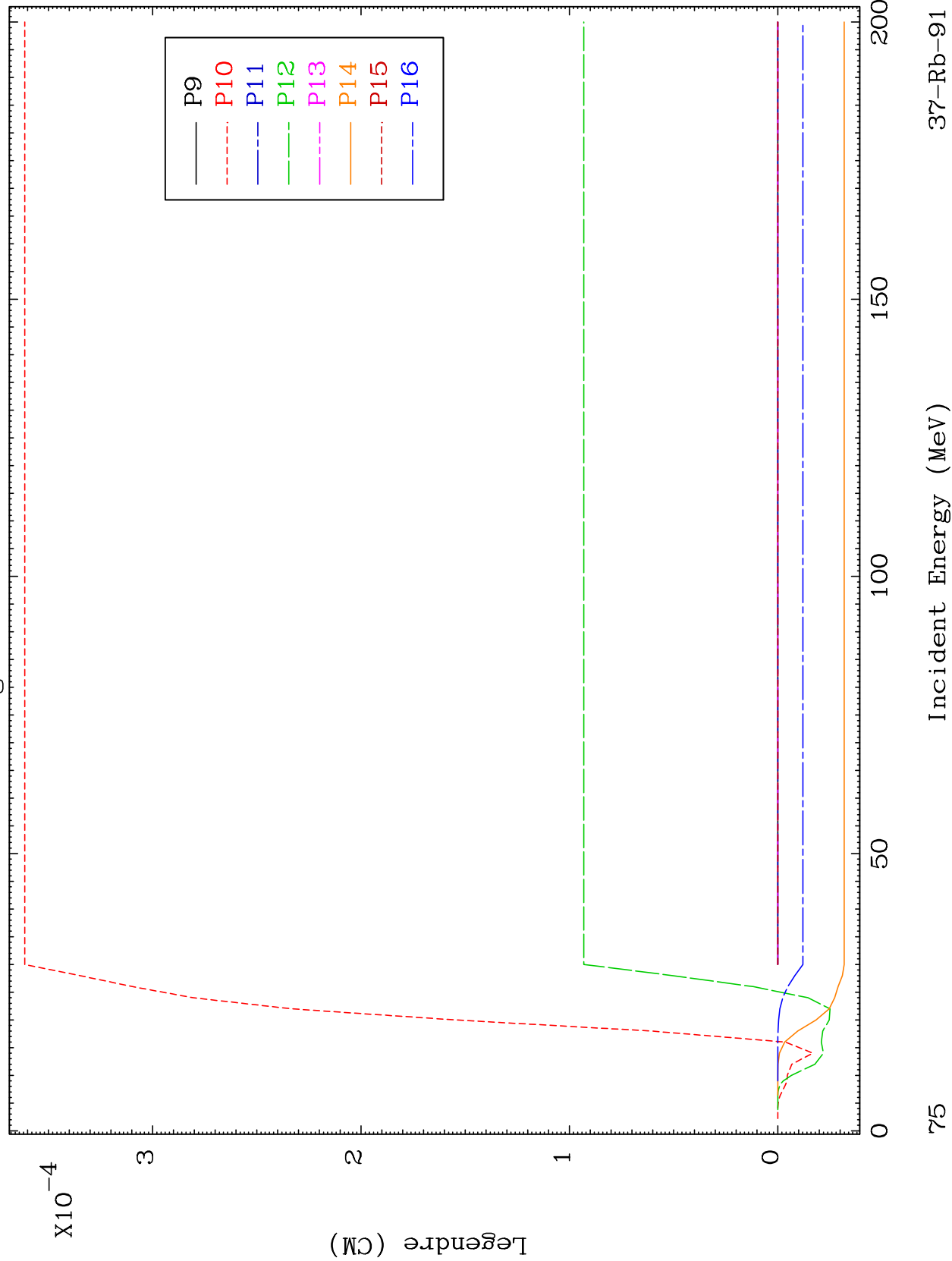
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



75

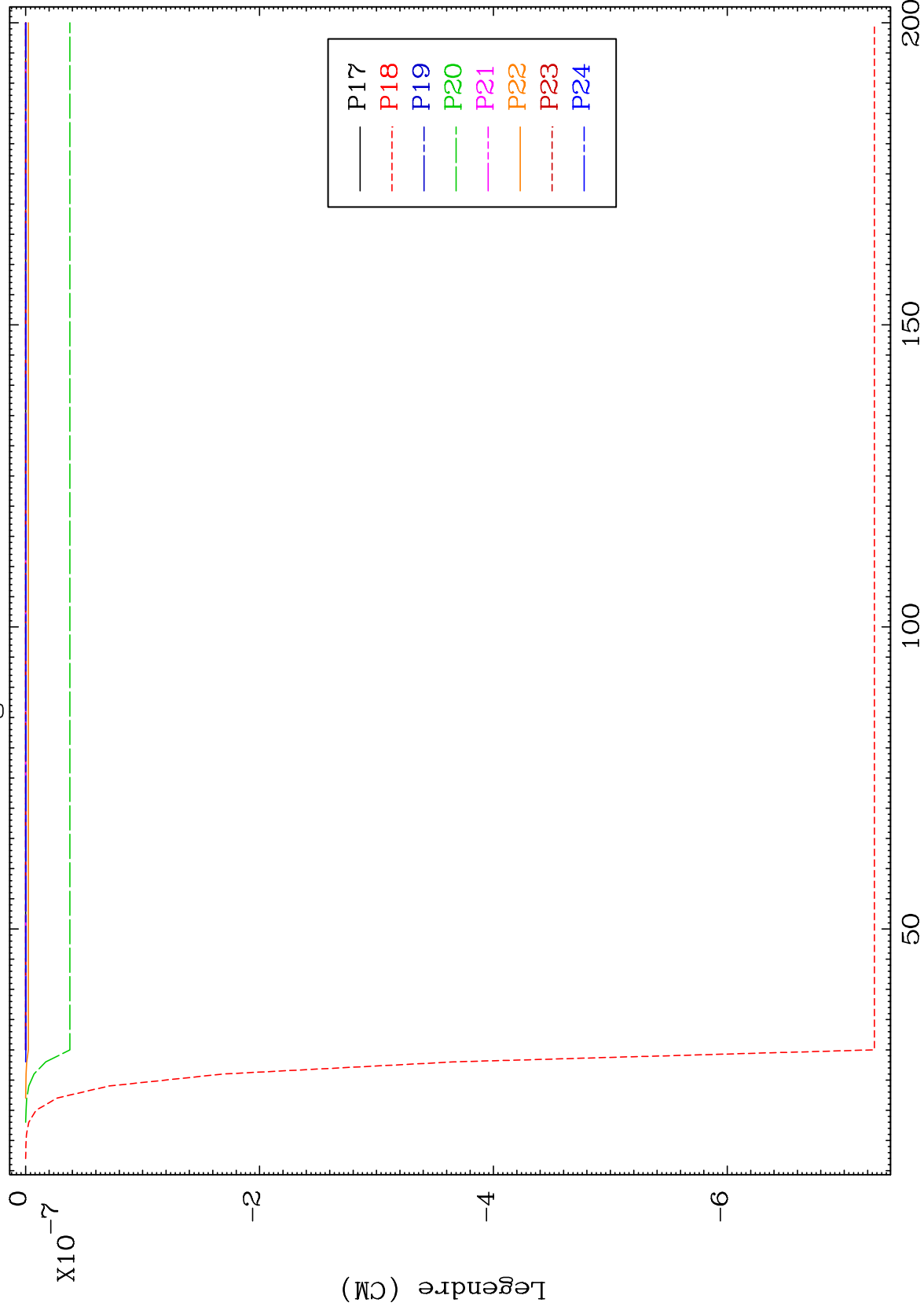
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



76

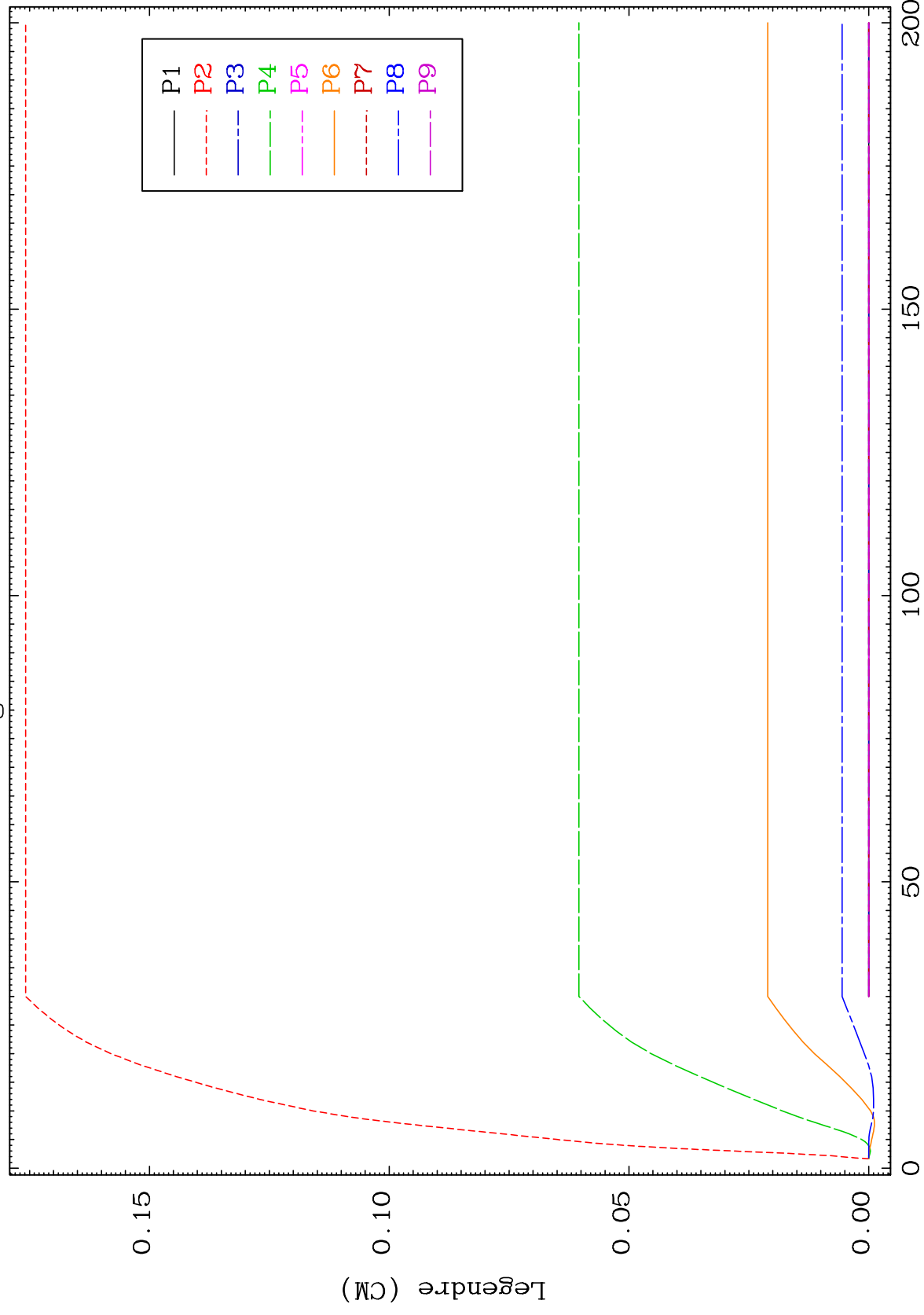
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



77

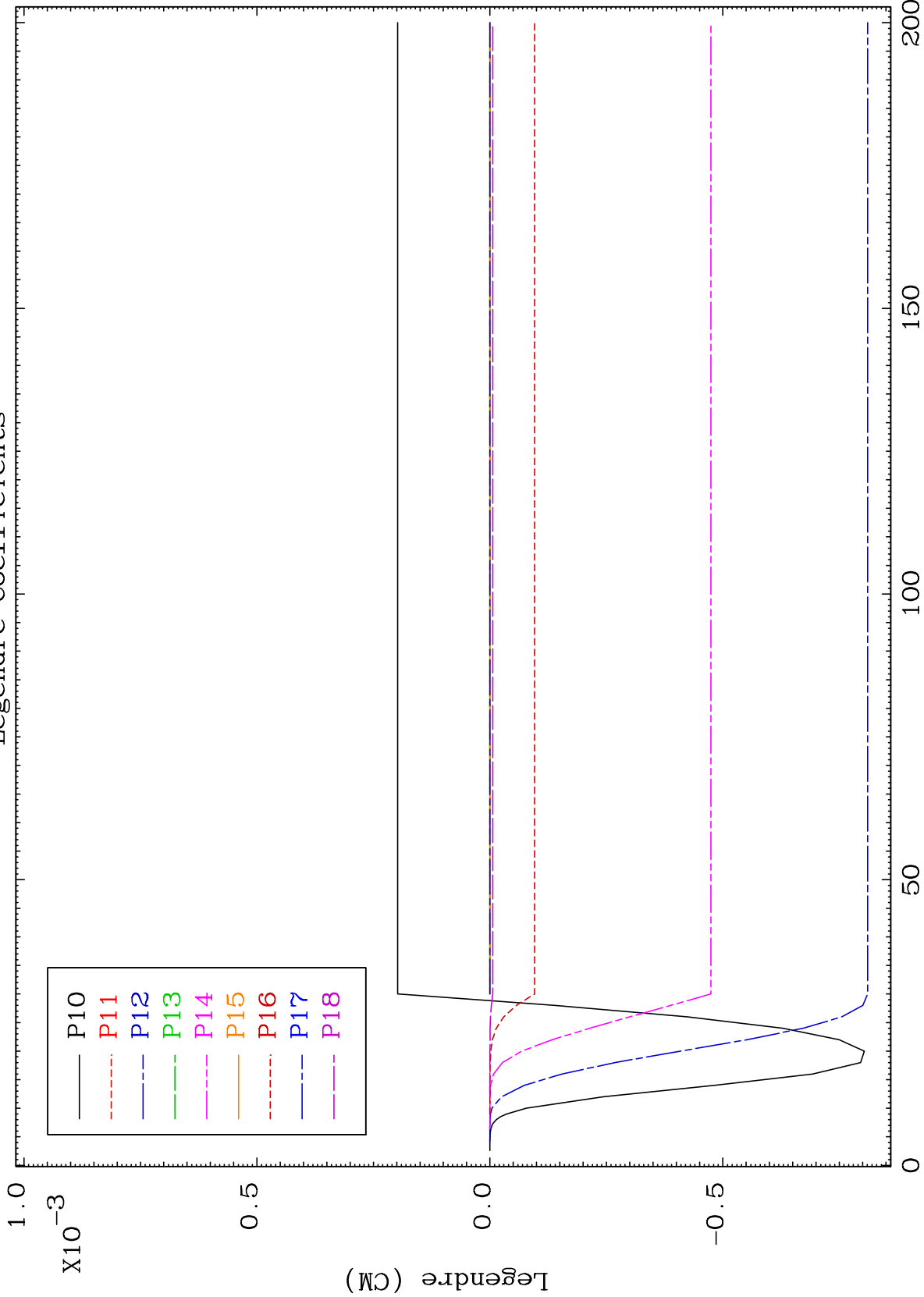
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



78

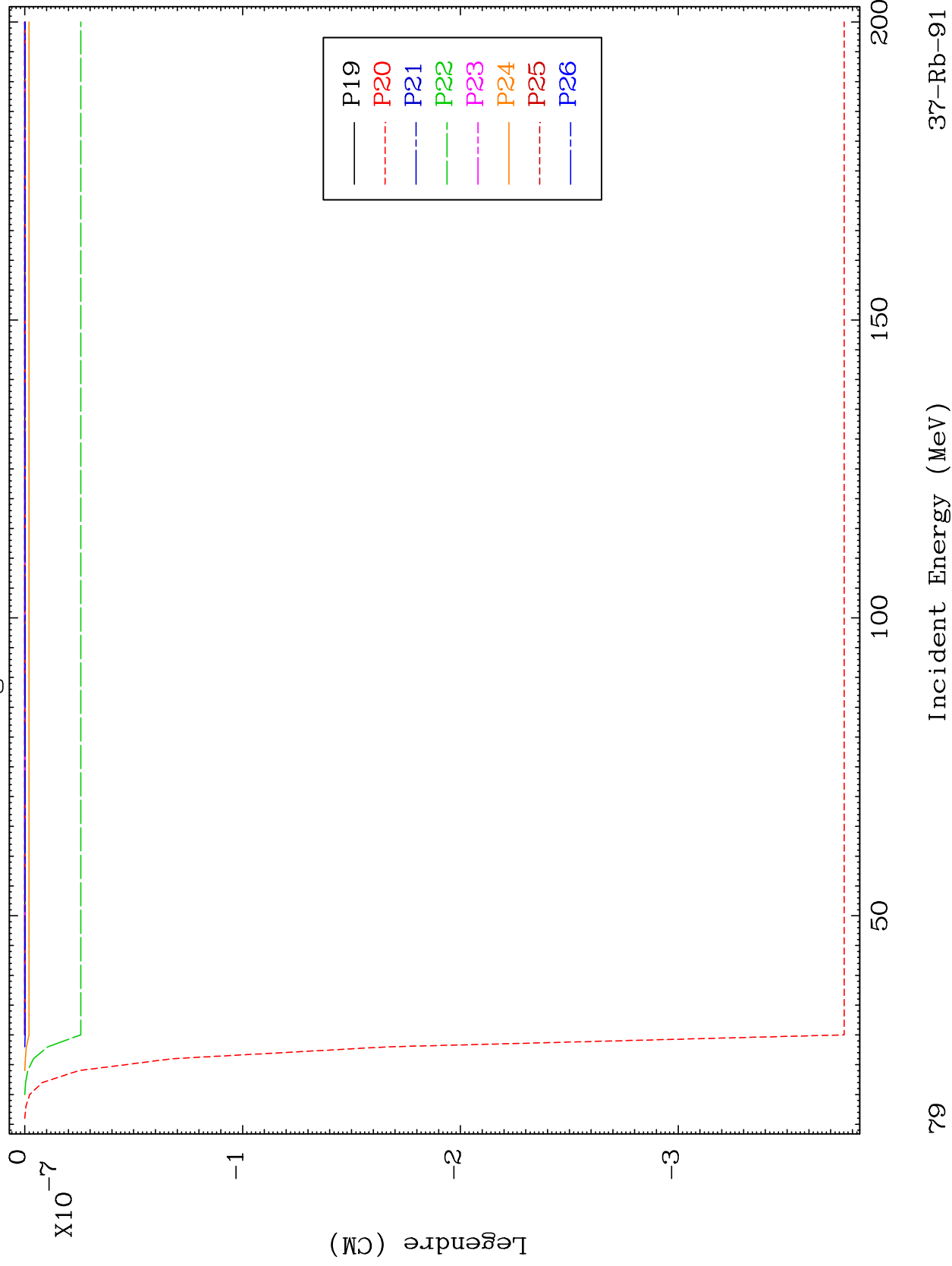
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



79

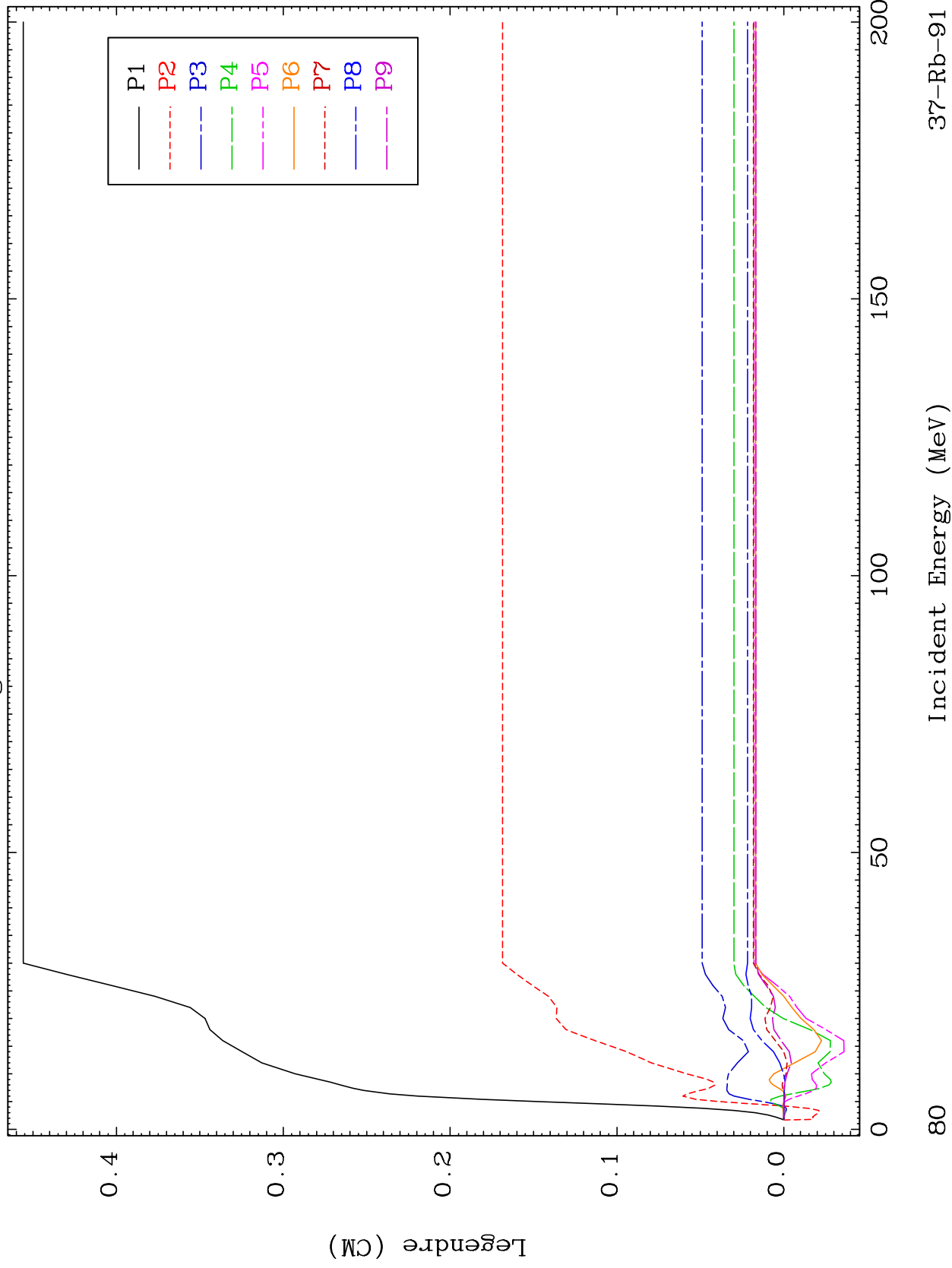
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



37-Rb-91

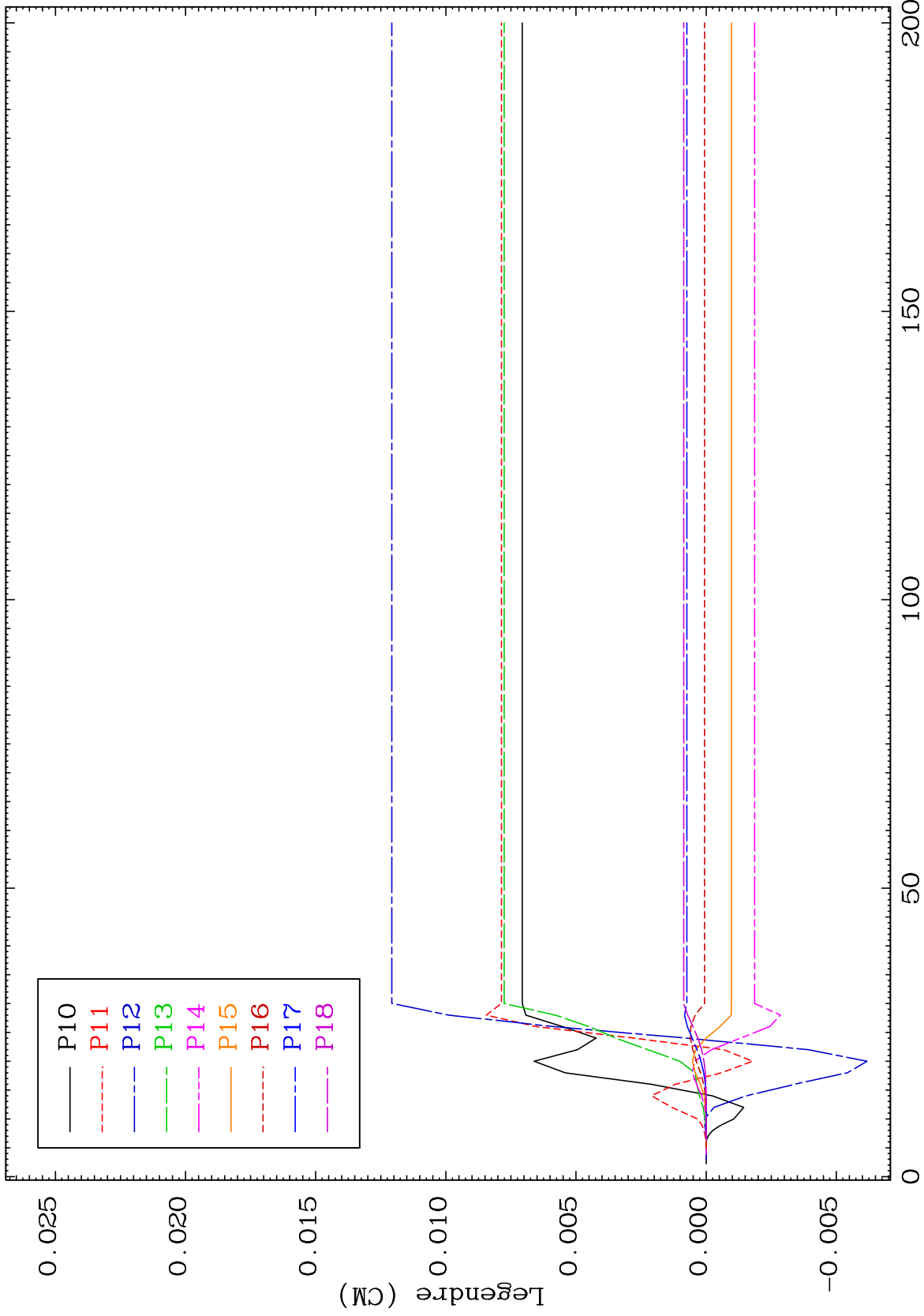
Incident Energy (MeV)

80

MAT 3743

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

37-Rb-91



81

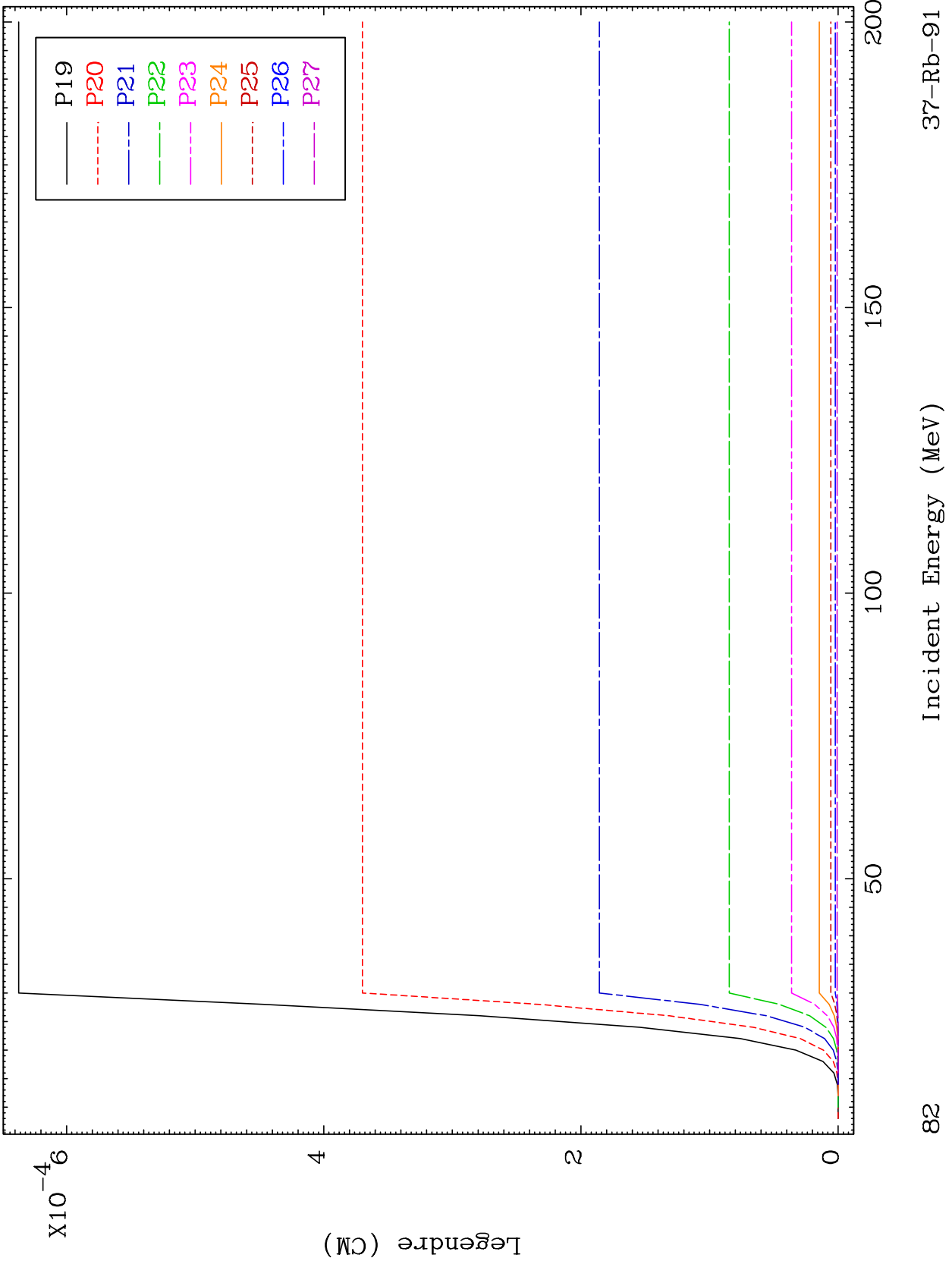
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

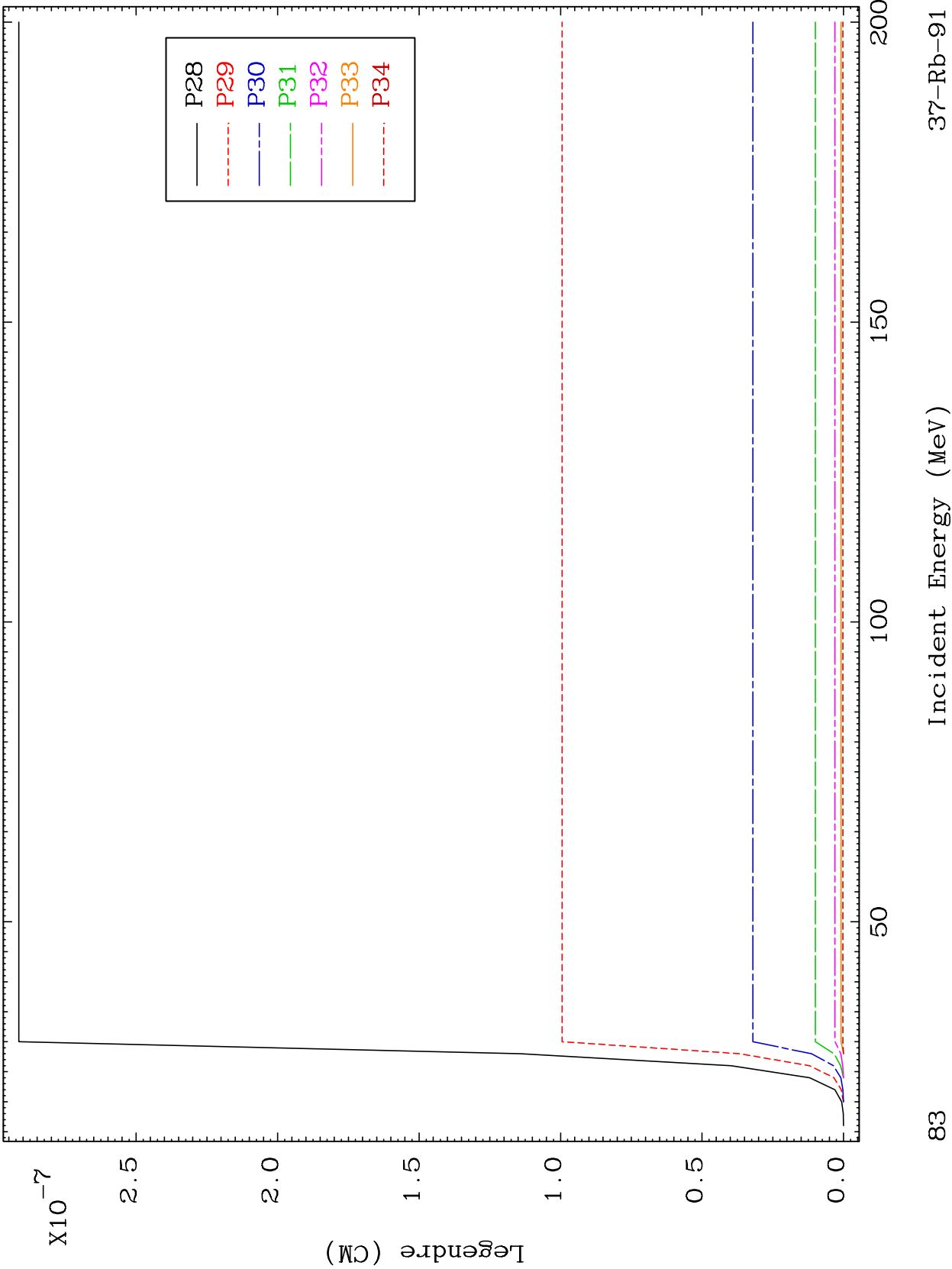
37-Rb-91



MAT 3743

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

37-Rb-91



83

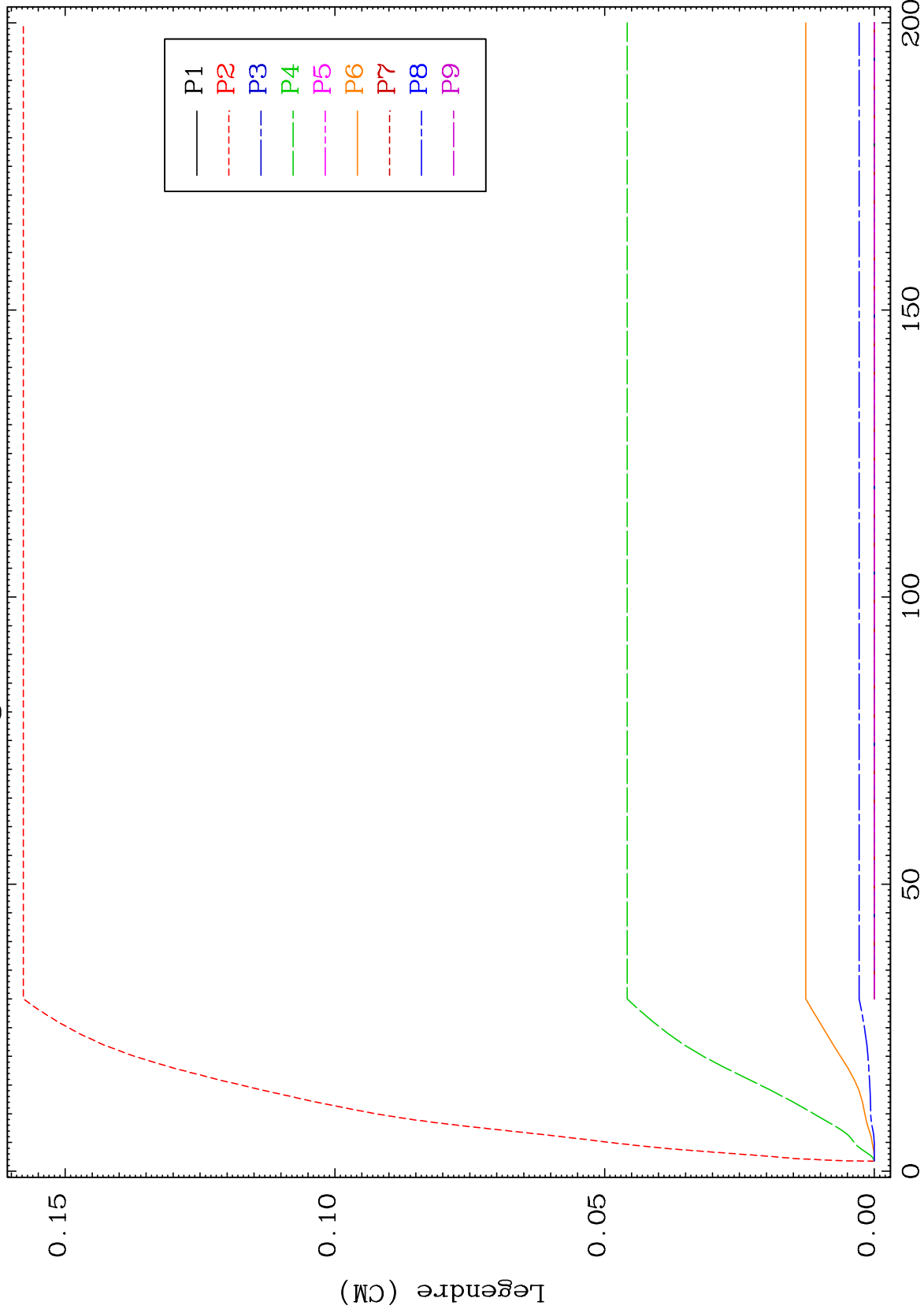
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



84

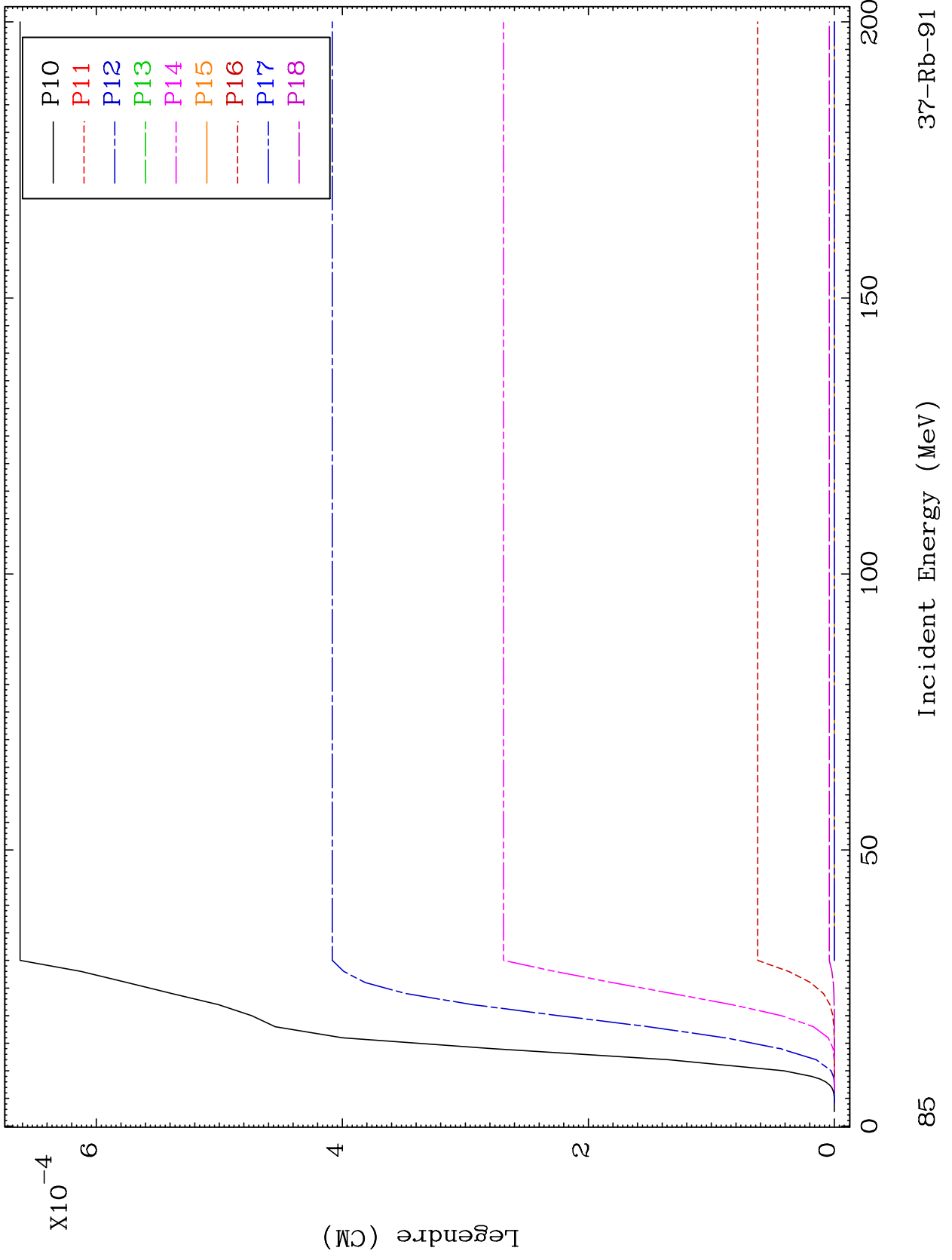
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



85

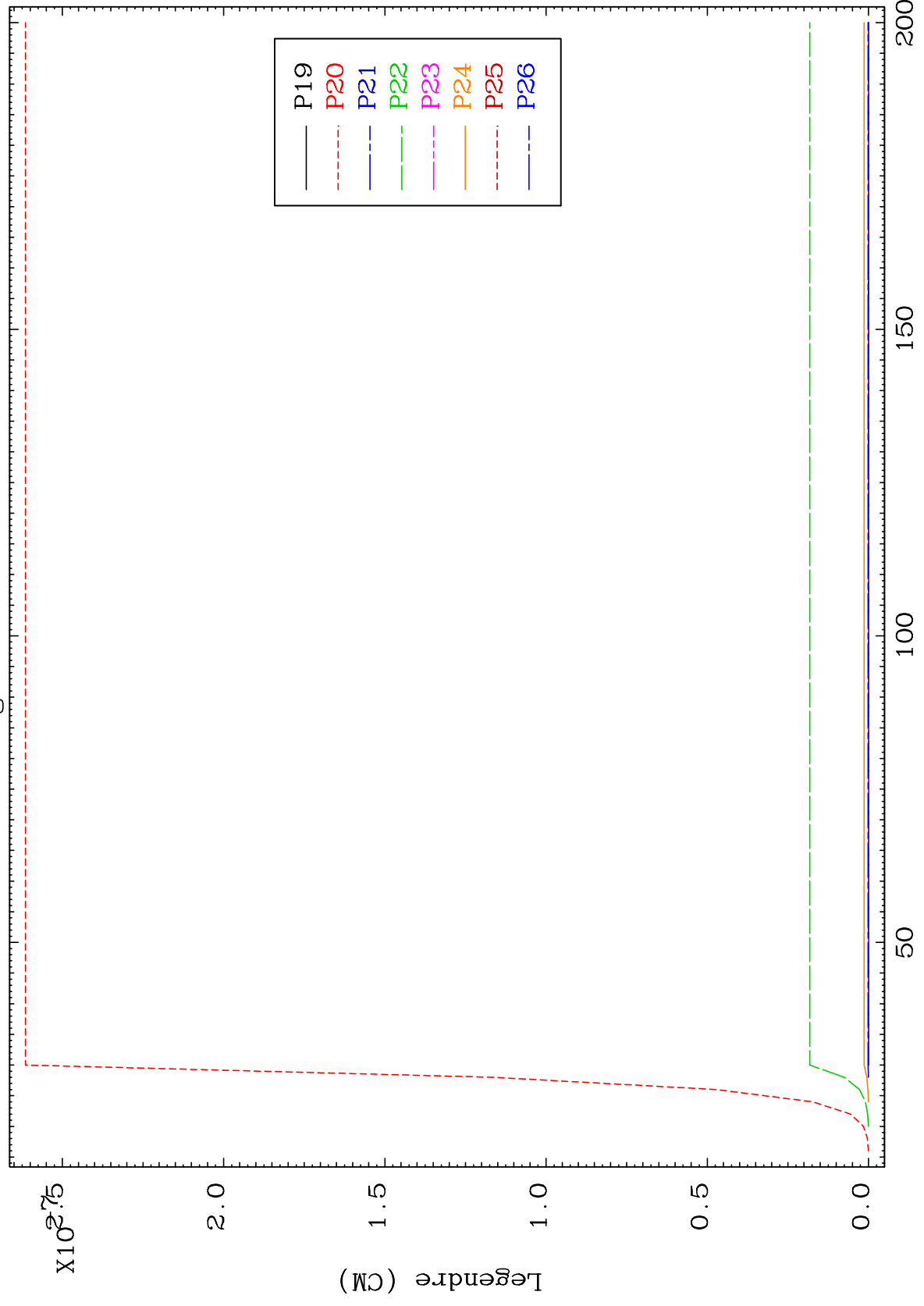
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

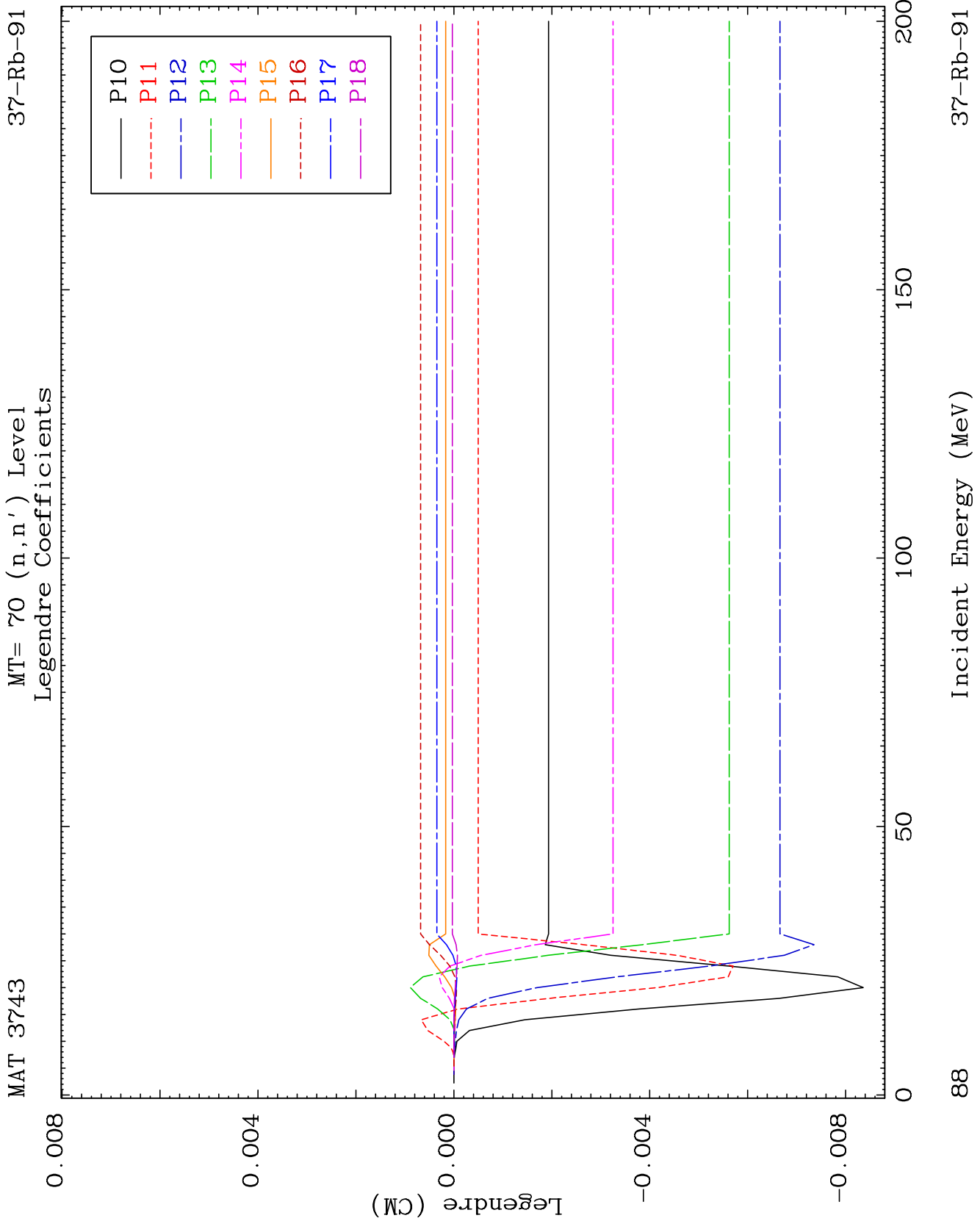
37-Rb-91



86

Incident Energy (MeV)

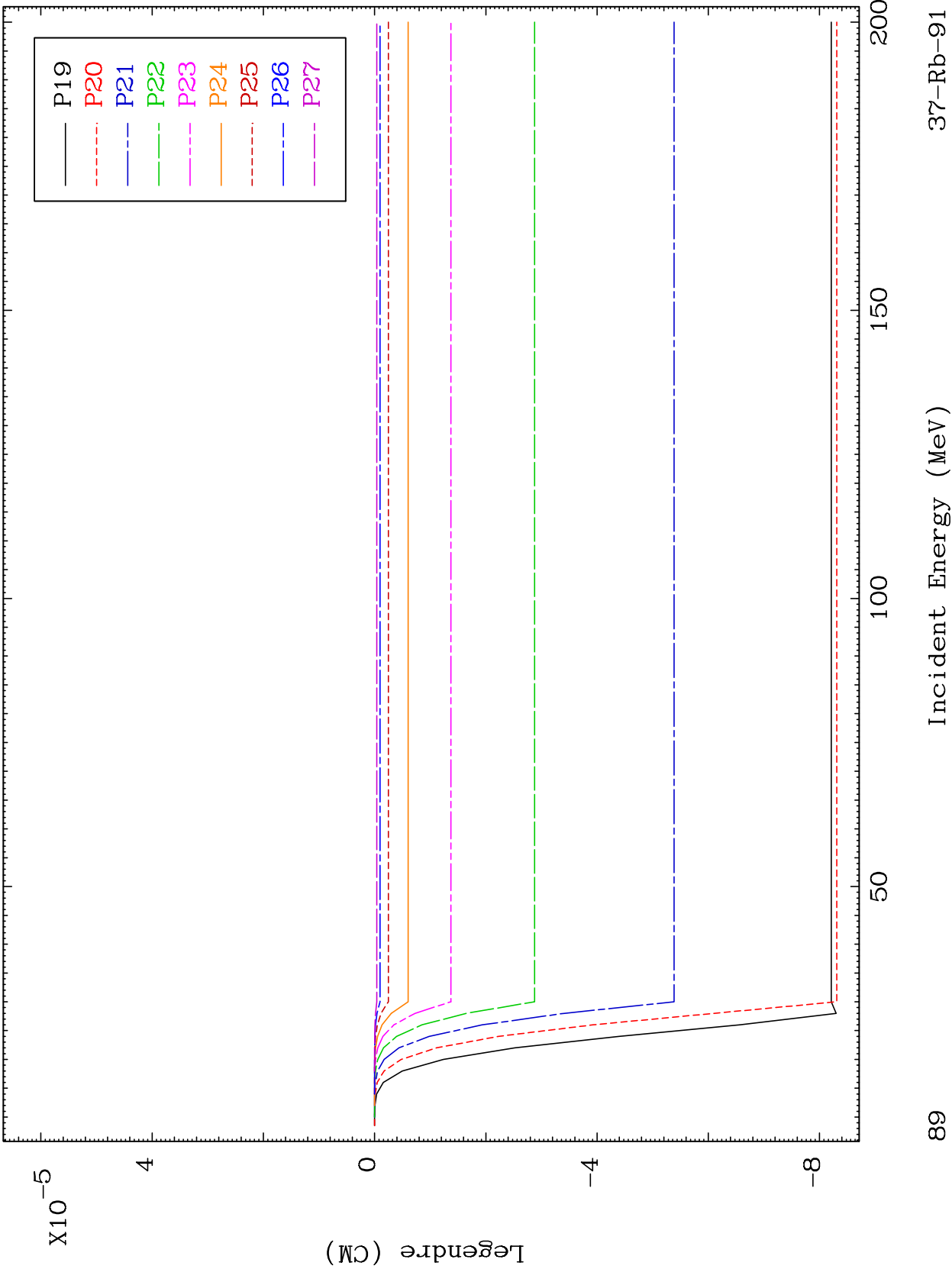
37-Rb-91



MAT 3743

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

37-Rb-91



89

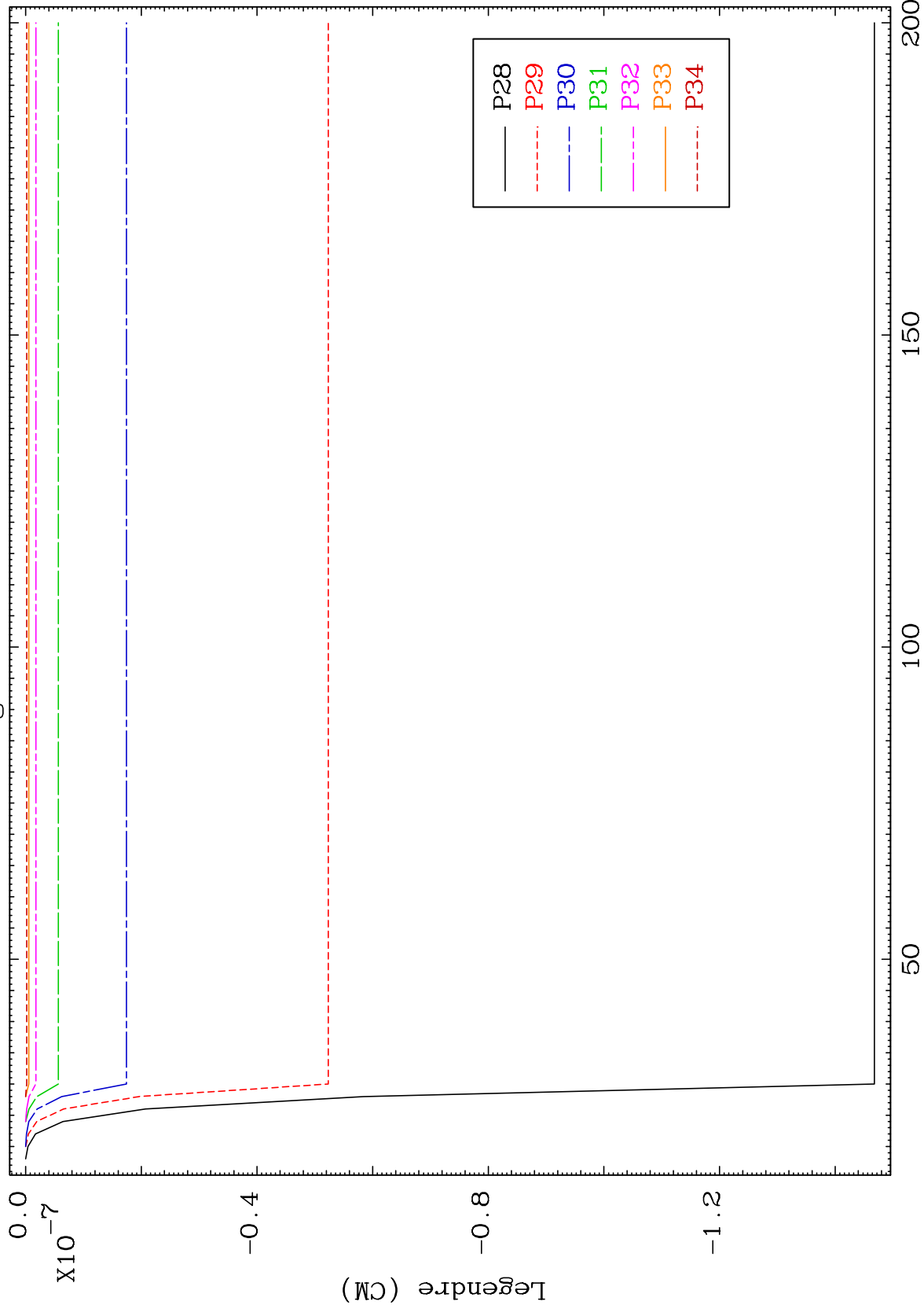
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



90

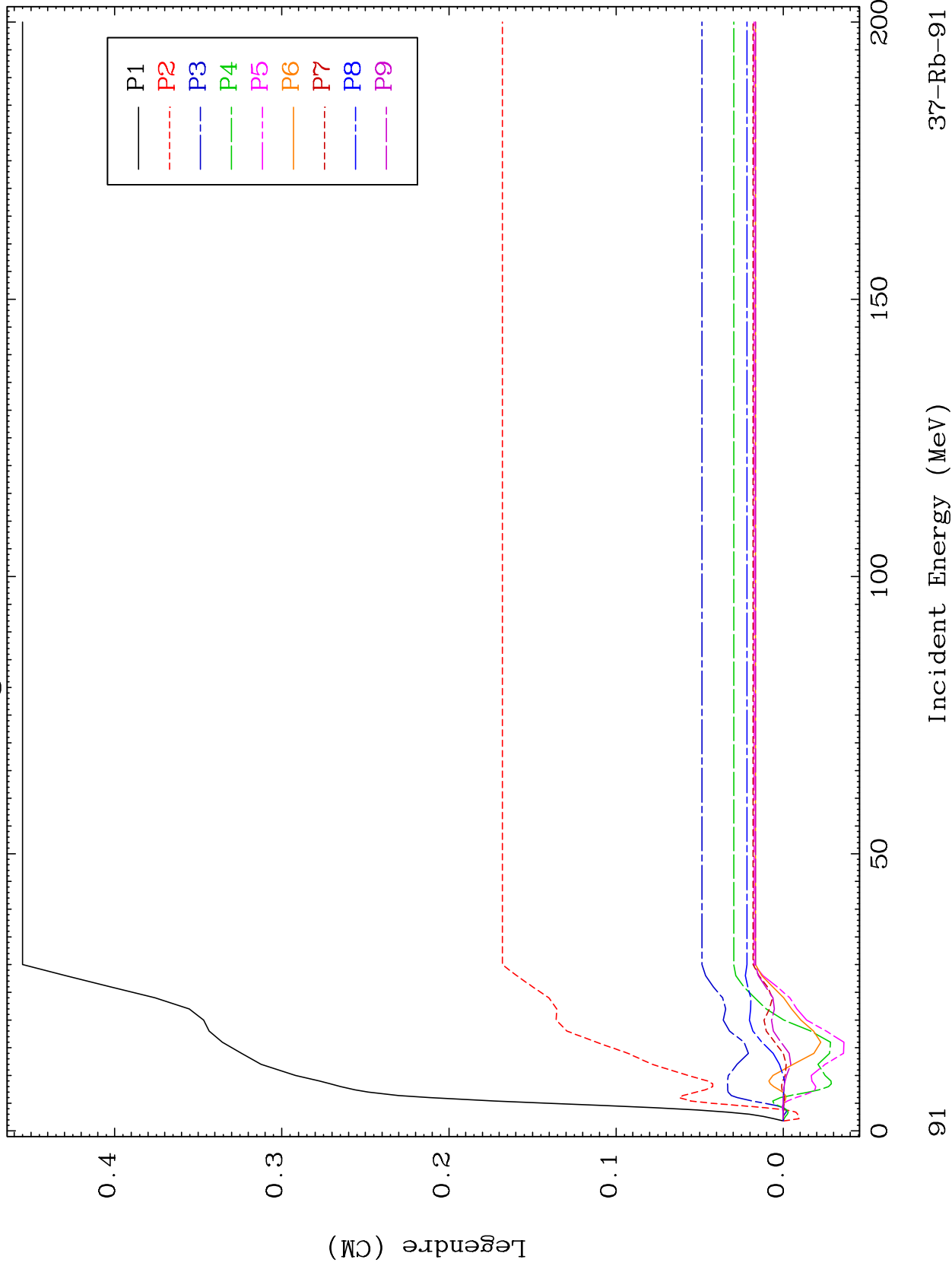
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



91

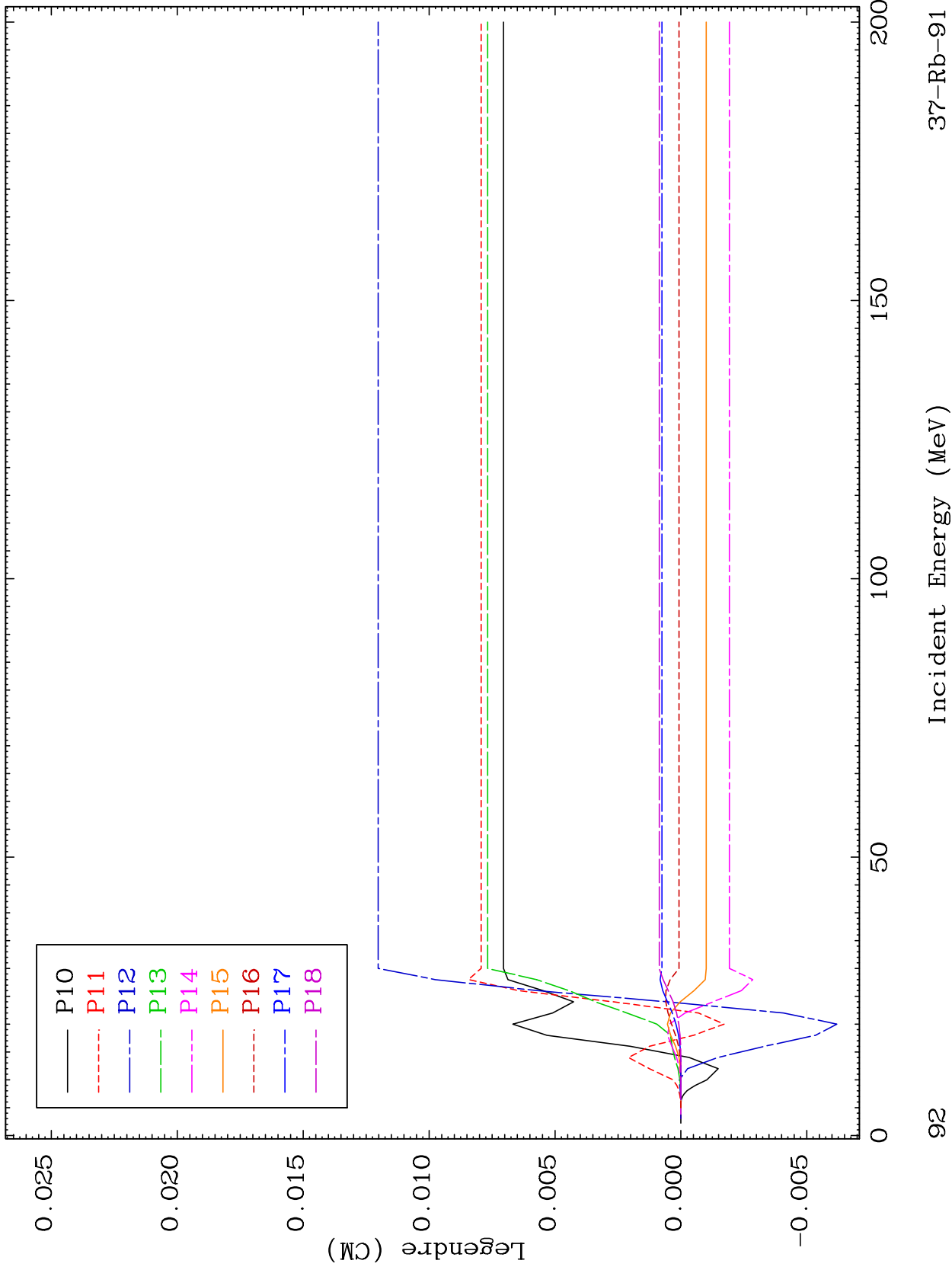
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



92

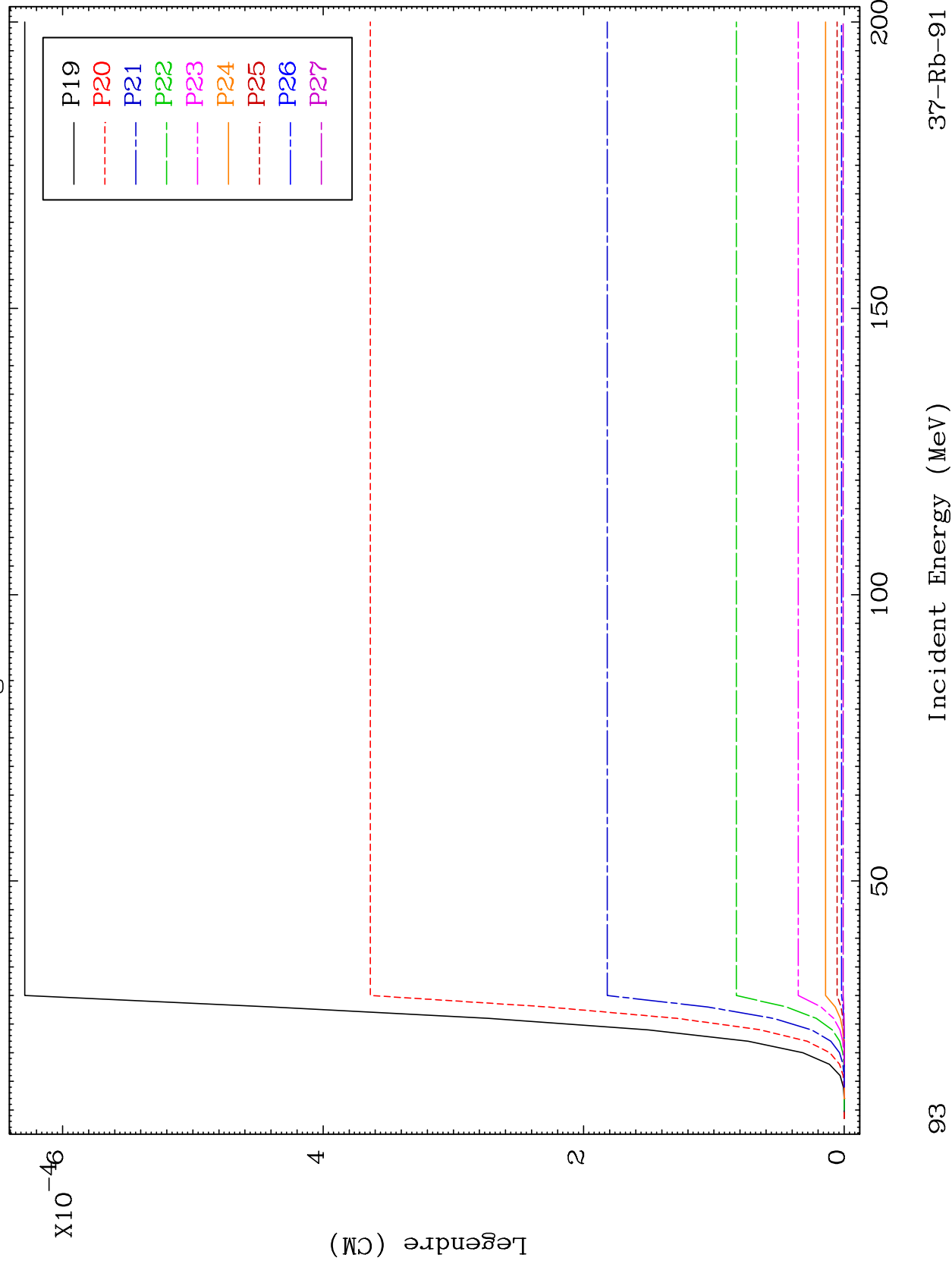
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



93

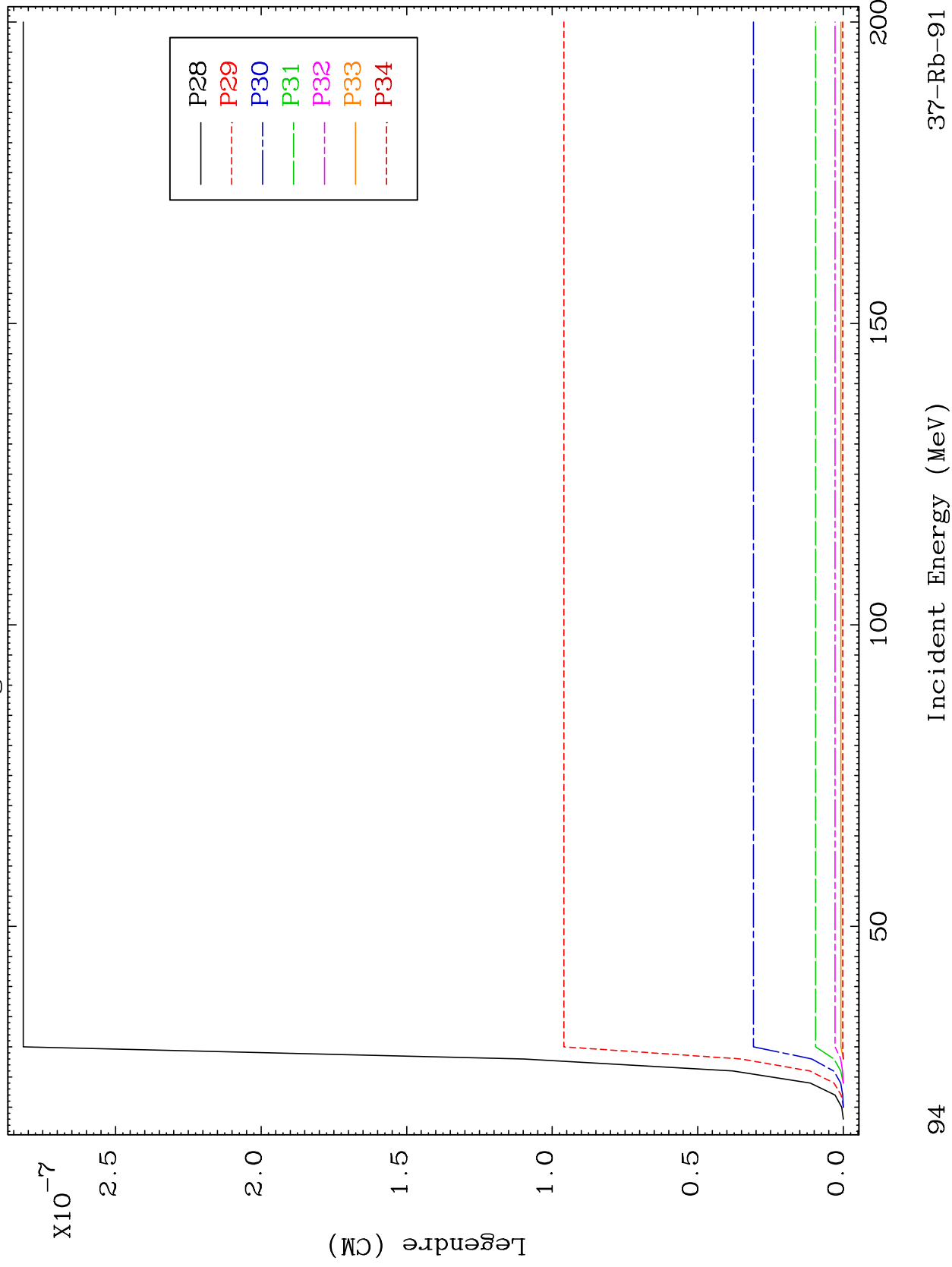
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



94

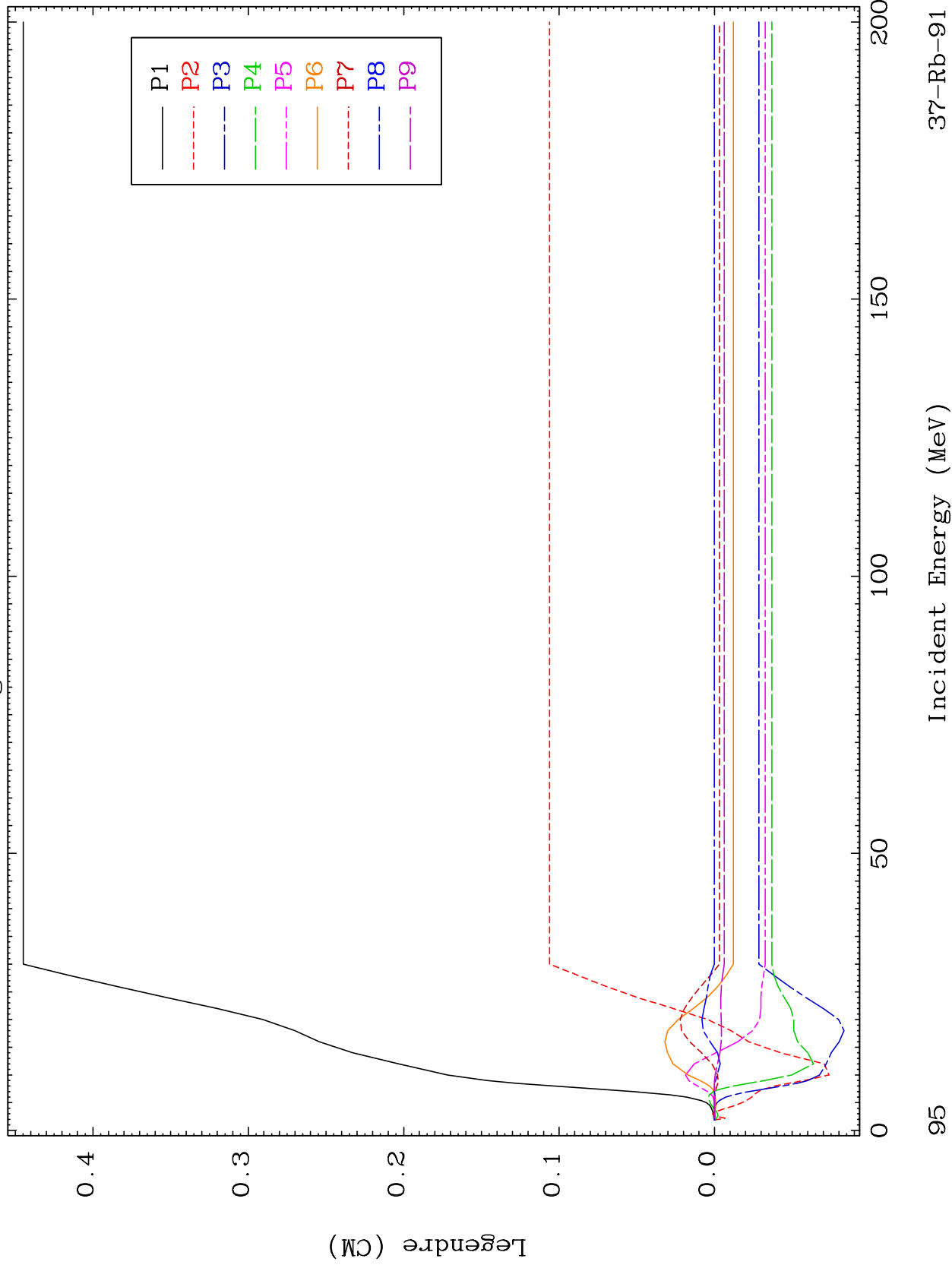
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



37-Rb-91

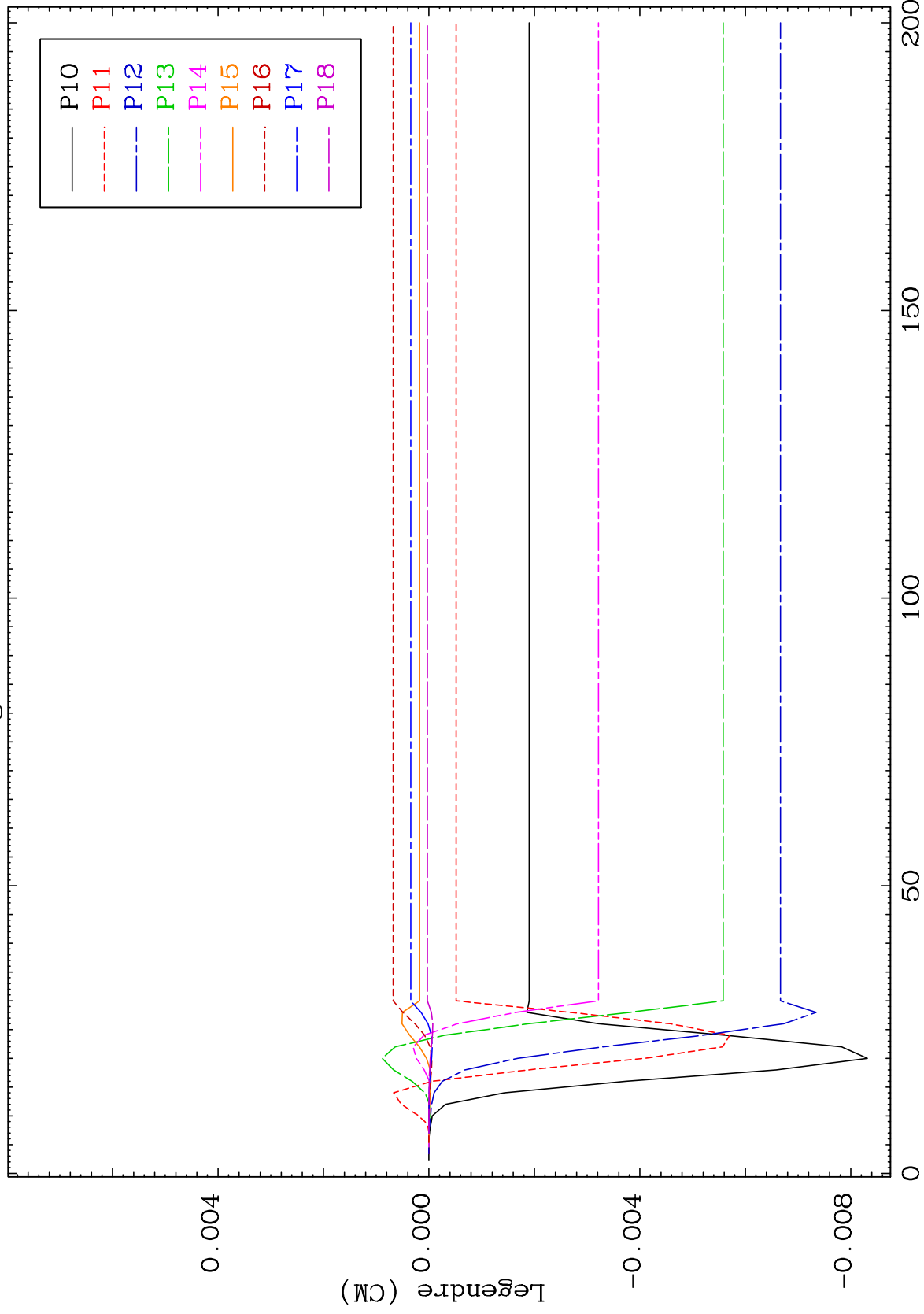
Incident Energy (MeV)

95

MAT 3743

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

37-Rb-91



96

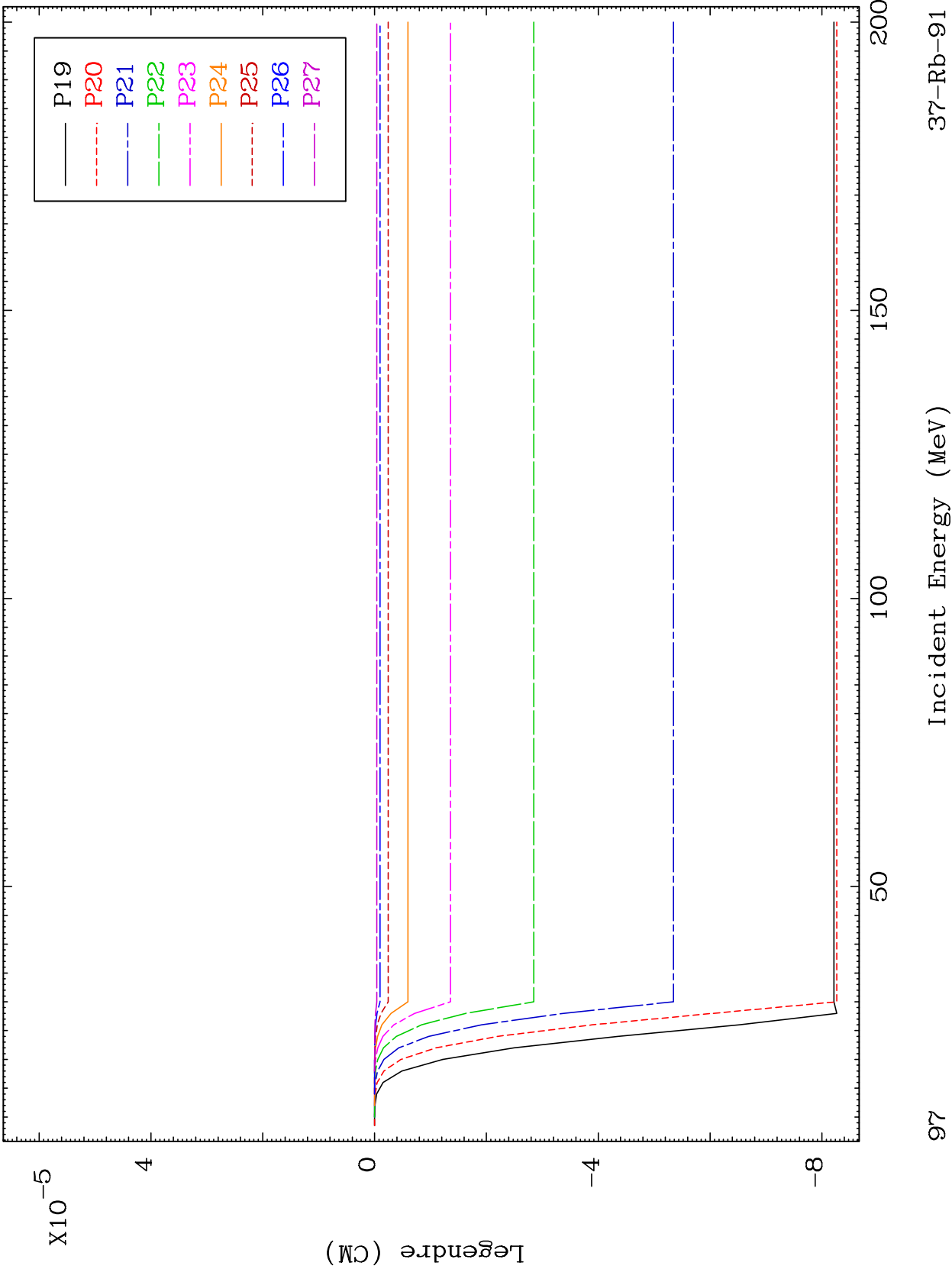
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



97

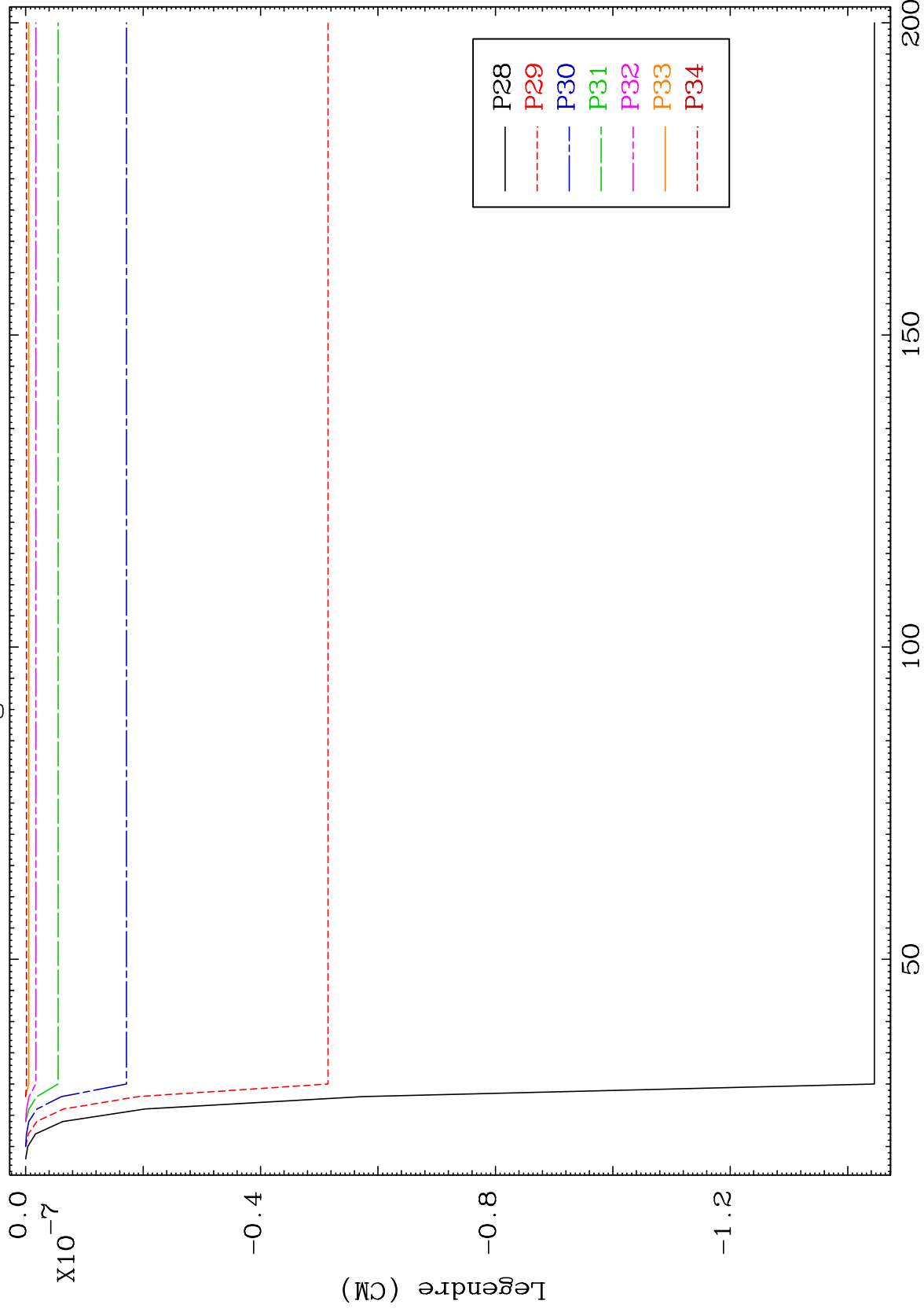
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



98

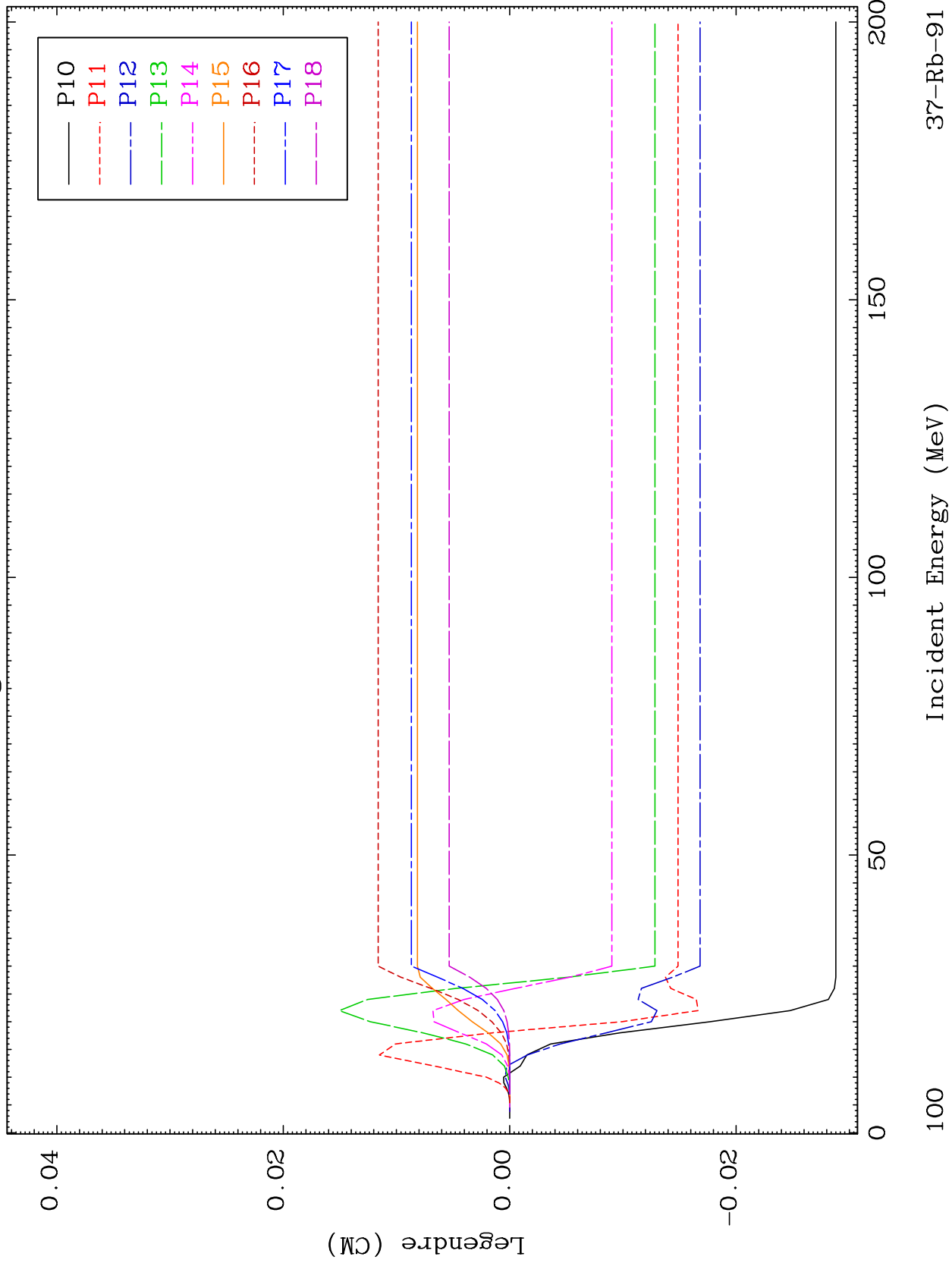
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



37-Rb-91

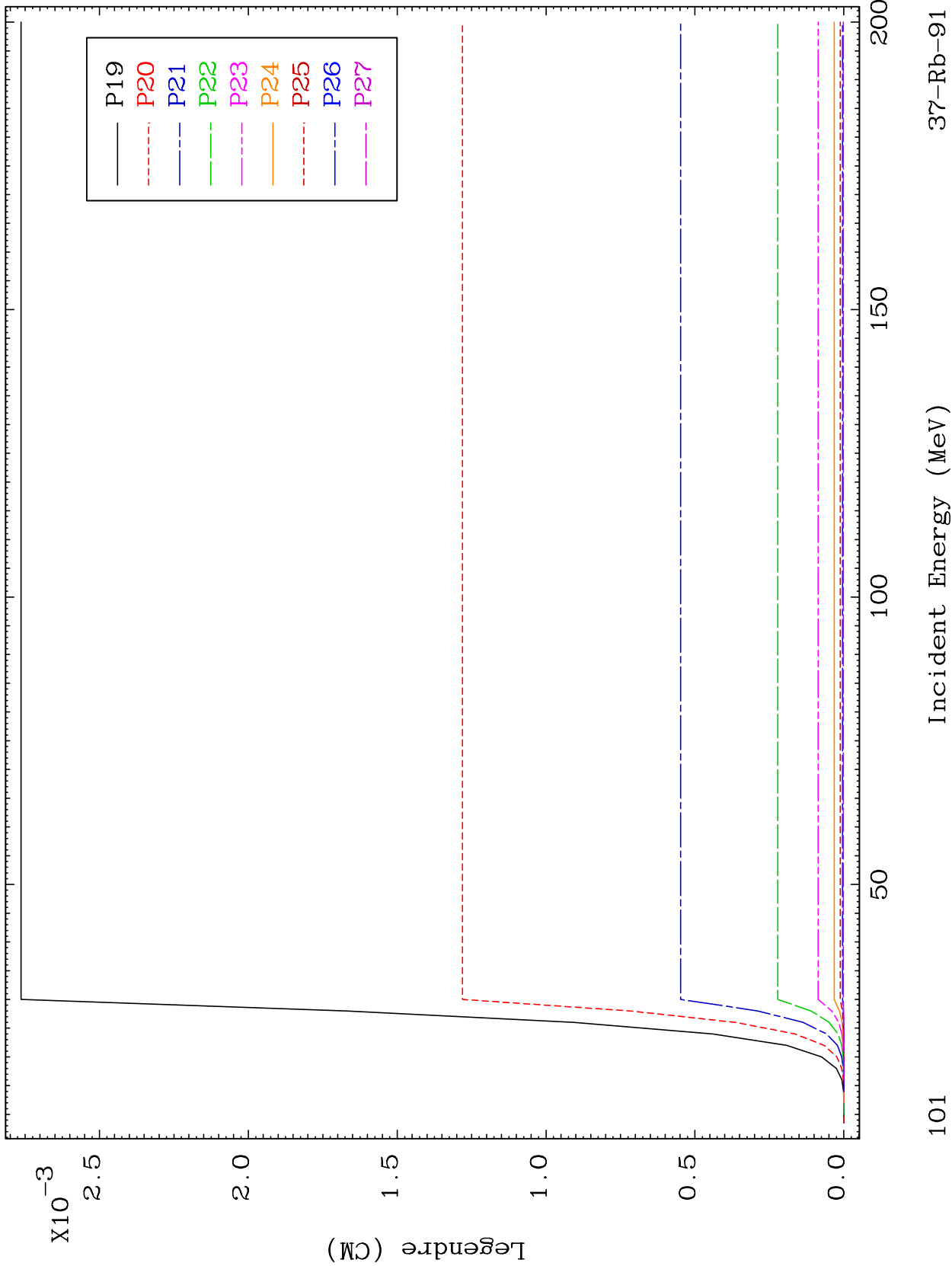
Incident Energy (MeV)

100

MAT 3743

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

37-Rb-91



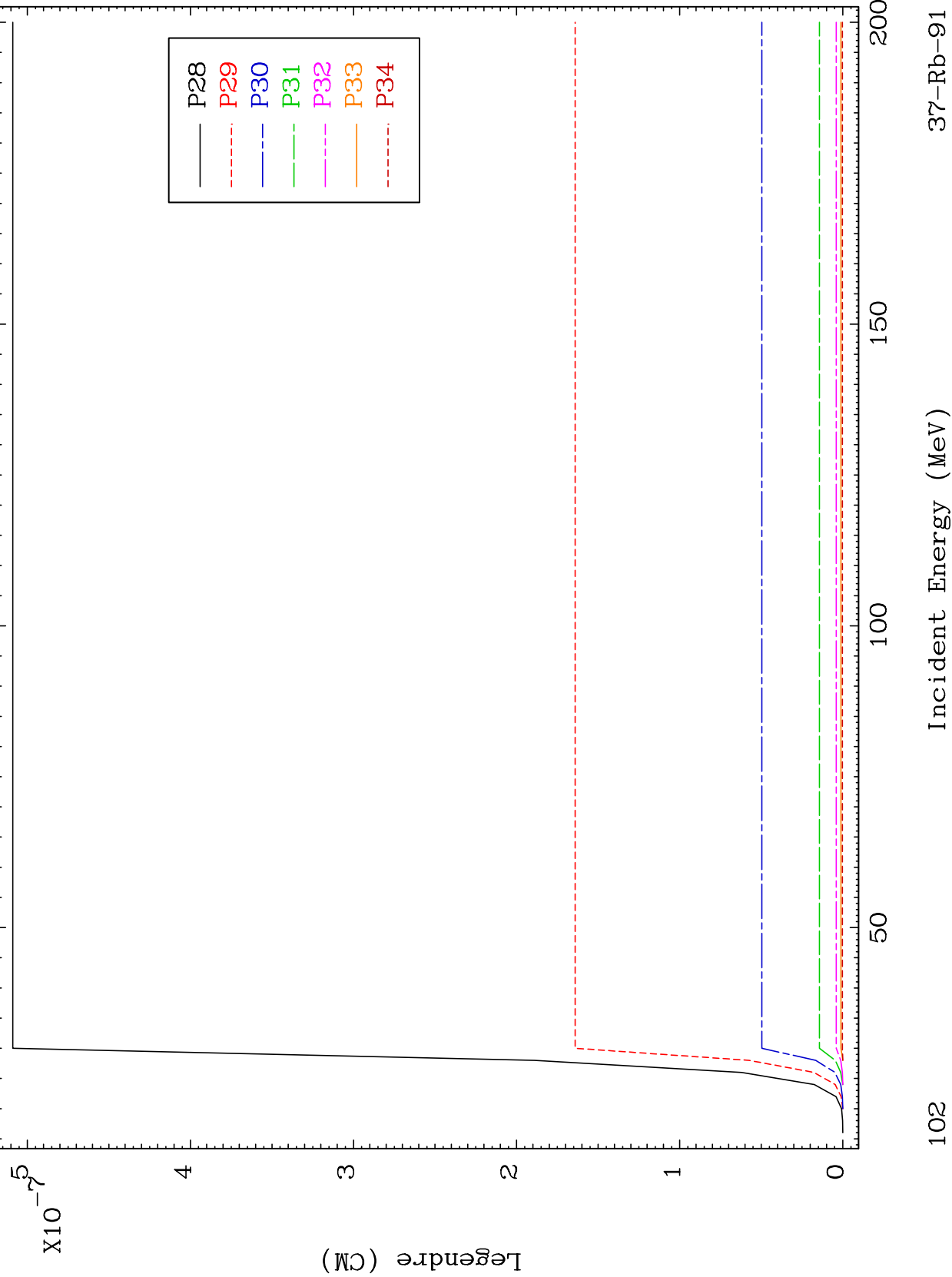
101

37-Rb-91

MAT 3743

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

37-Rb-91

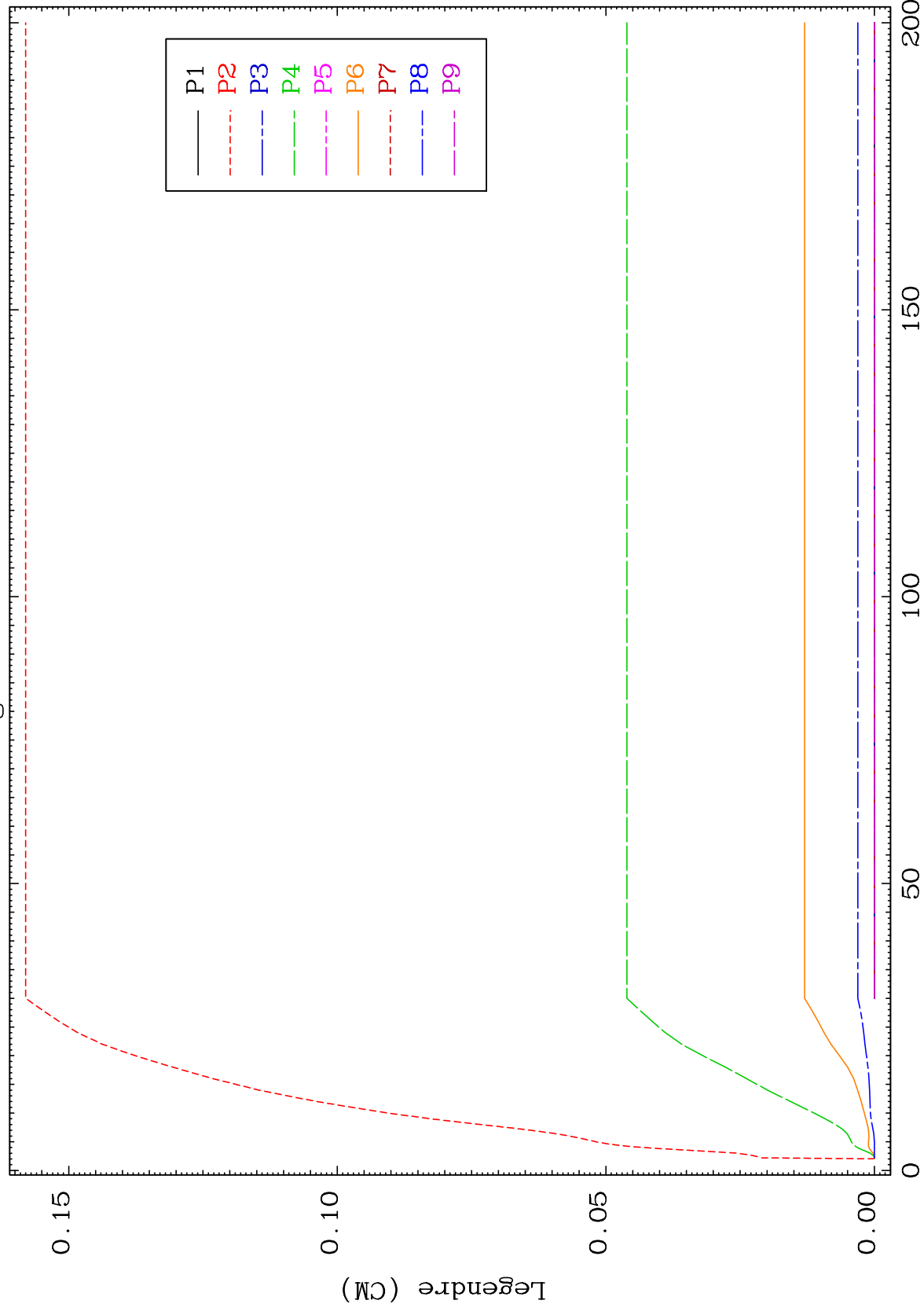


102

MAT 3743

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

37-Rb-91



37-Rb-91

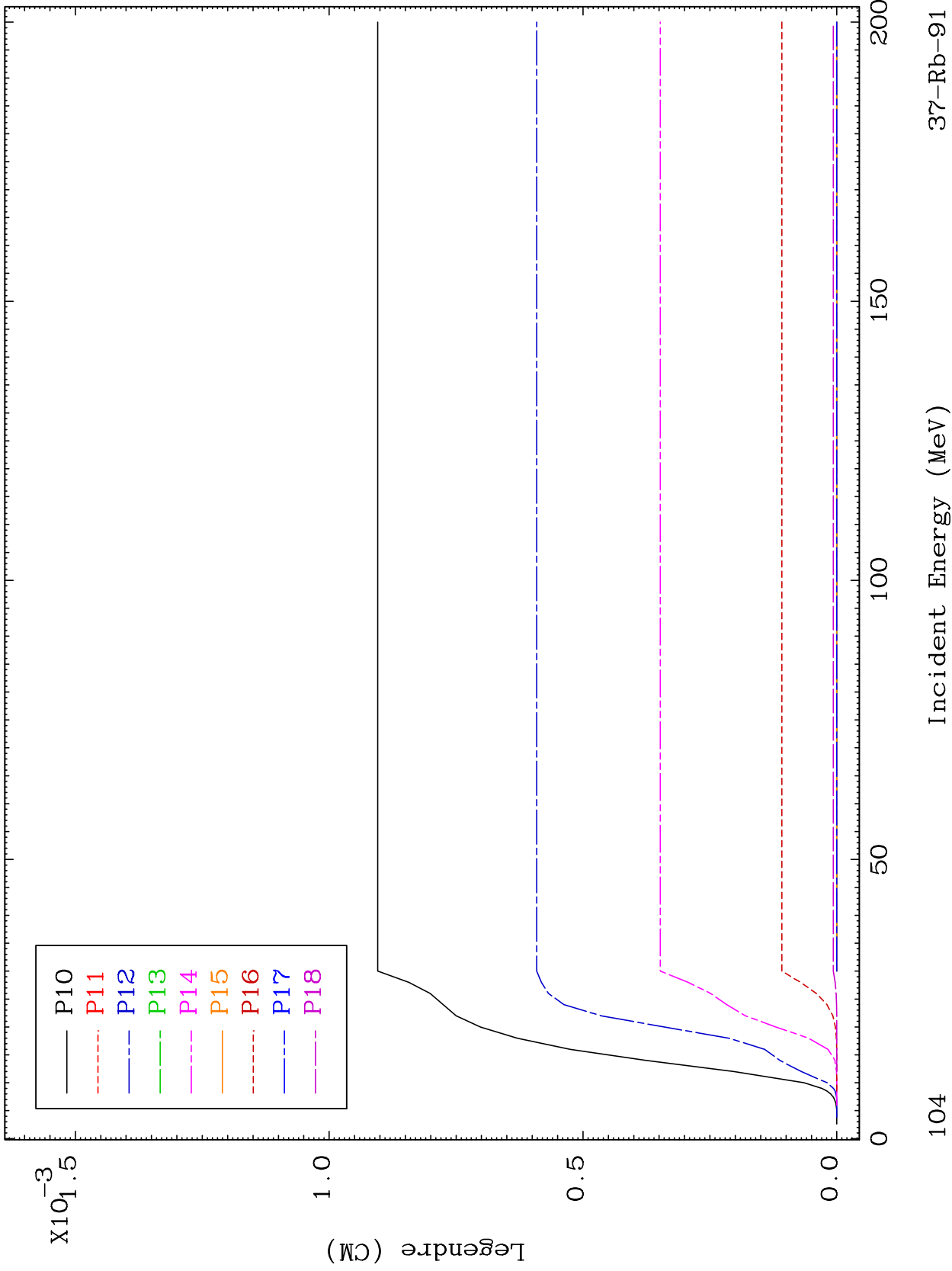
Incident Energy (MeV)

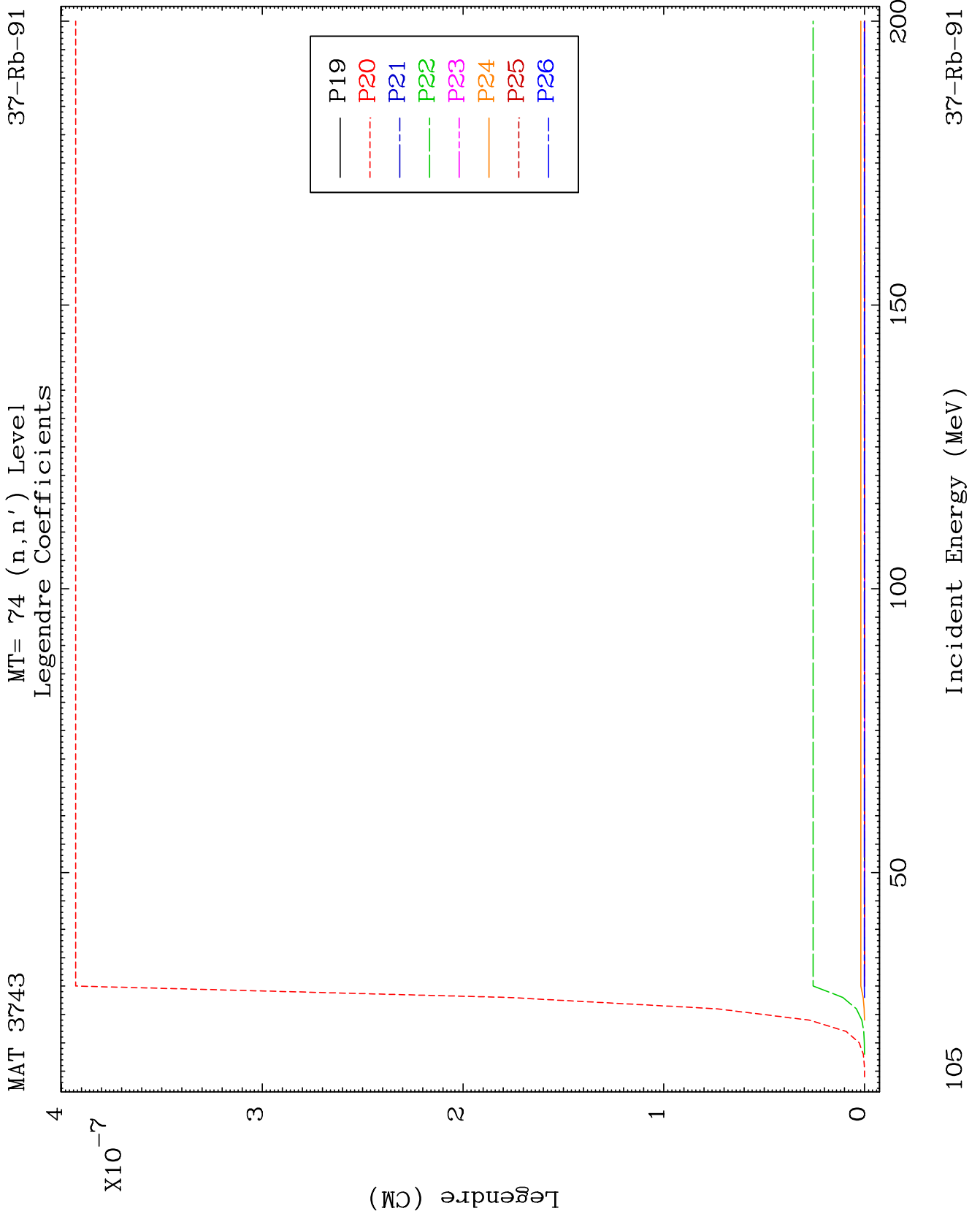
103

MAT 3743

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

37-Rb-91

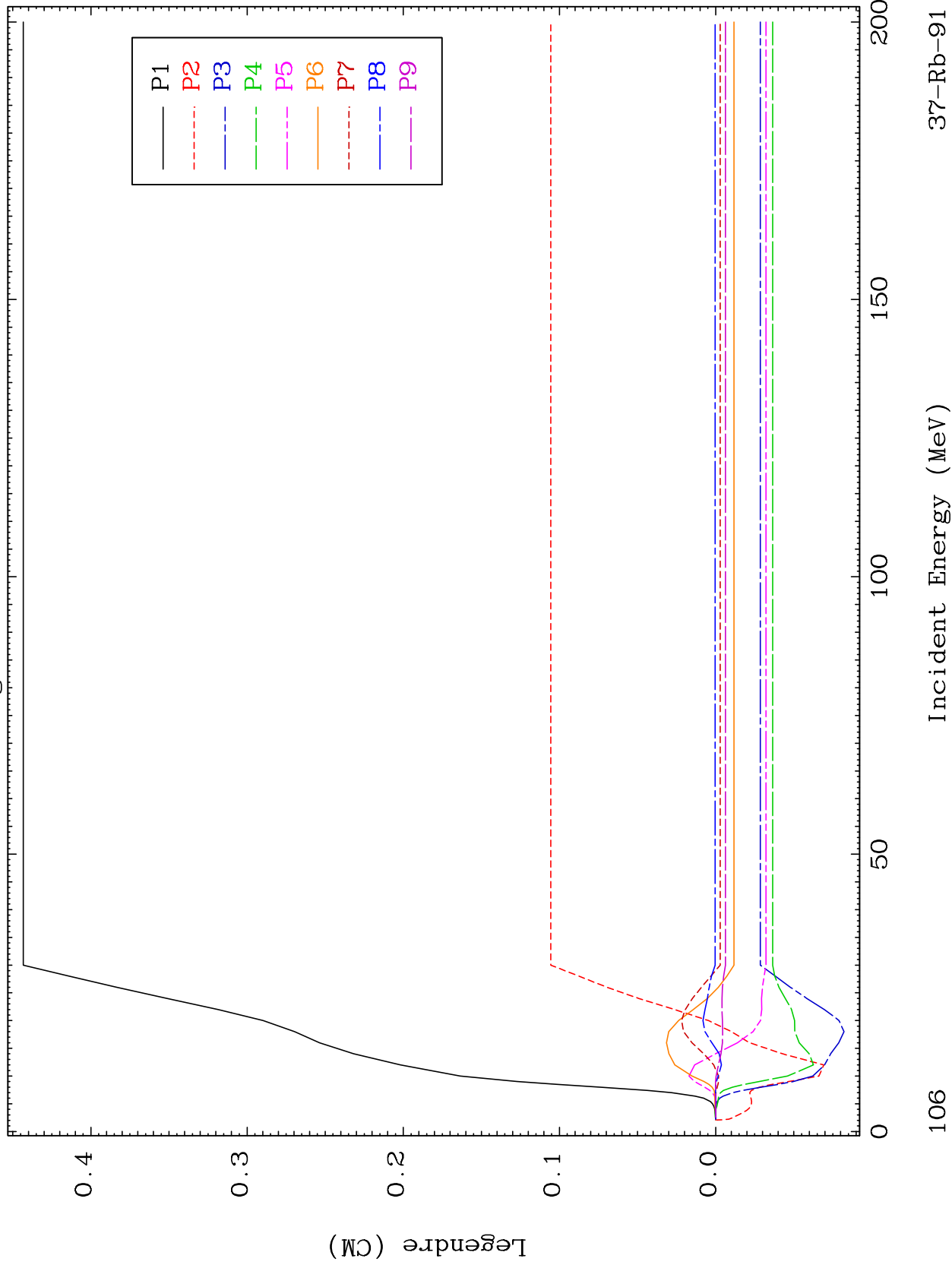




MAT 3743

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

37-Rb-91



37-Rb-91

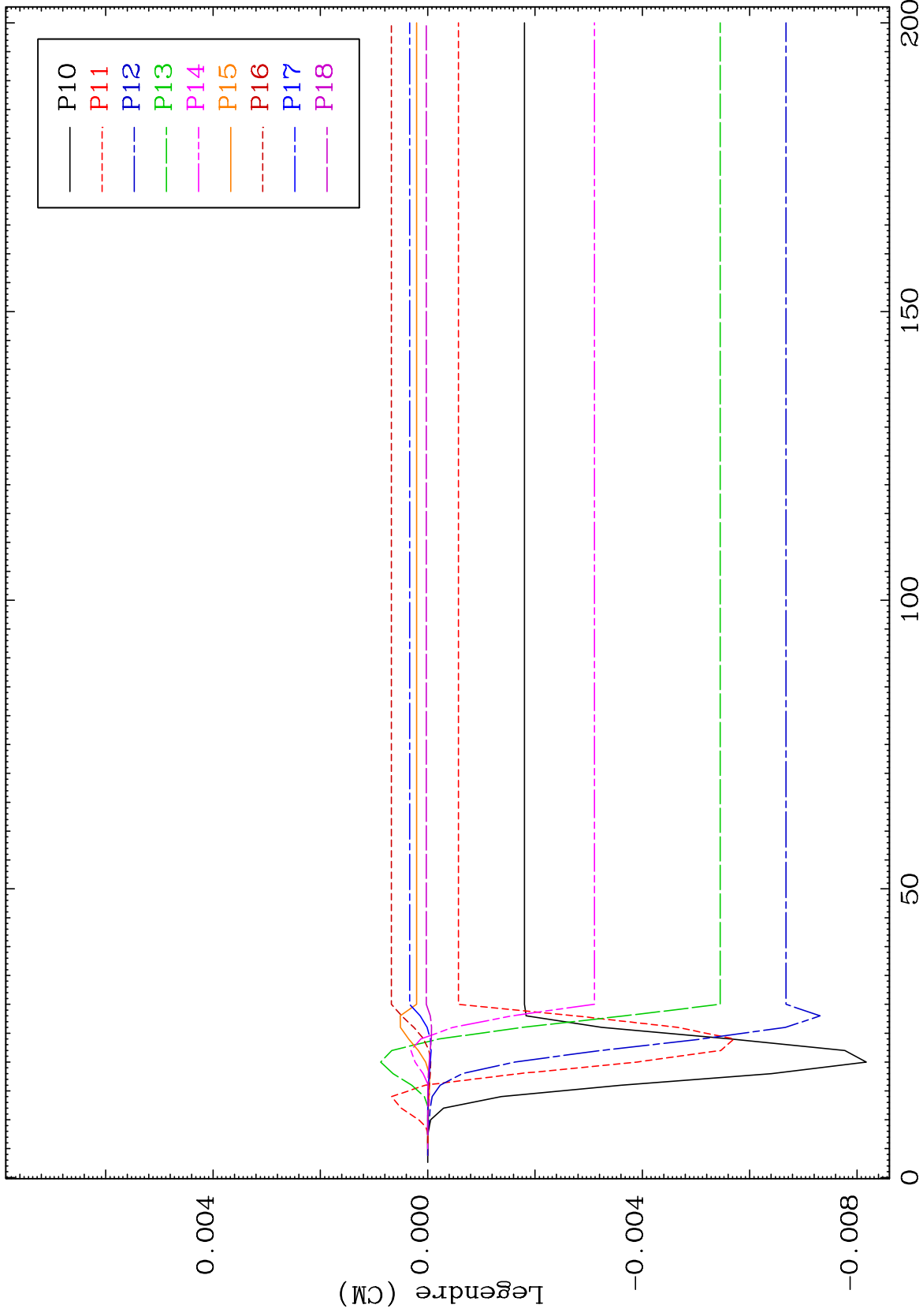
Incident Energy (MeV)

106

MAT 3743

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

37-Rb-91



107

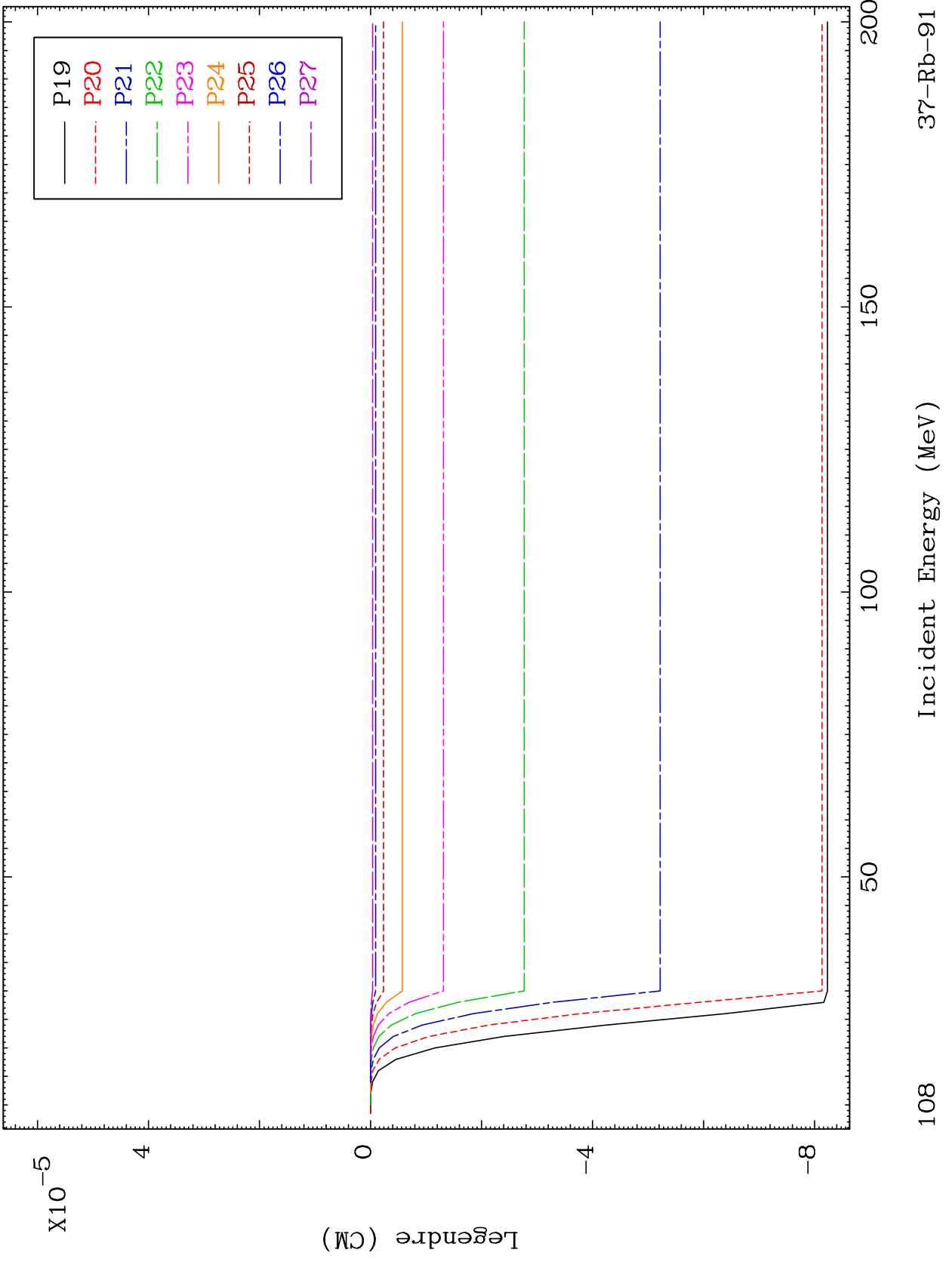
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



108

Incident Energy (MeV)

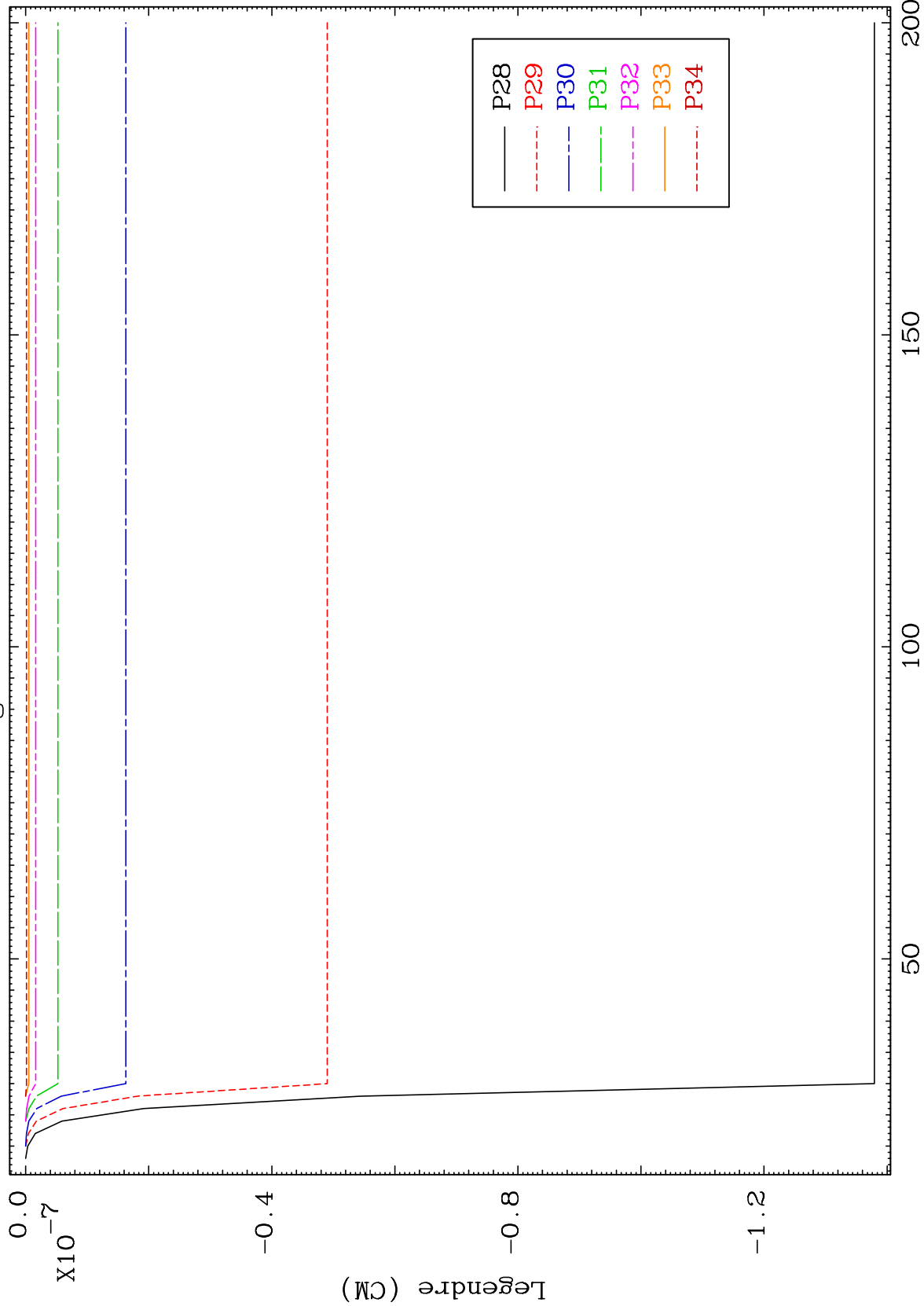
37-Rb-91

MAT 3743

MT= 75 (n,n') Level

37-Rb-91

Legendre Coefficients



109

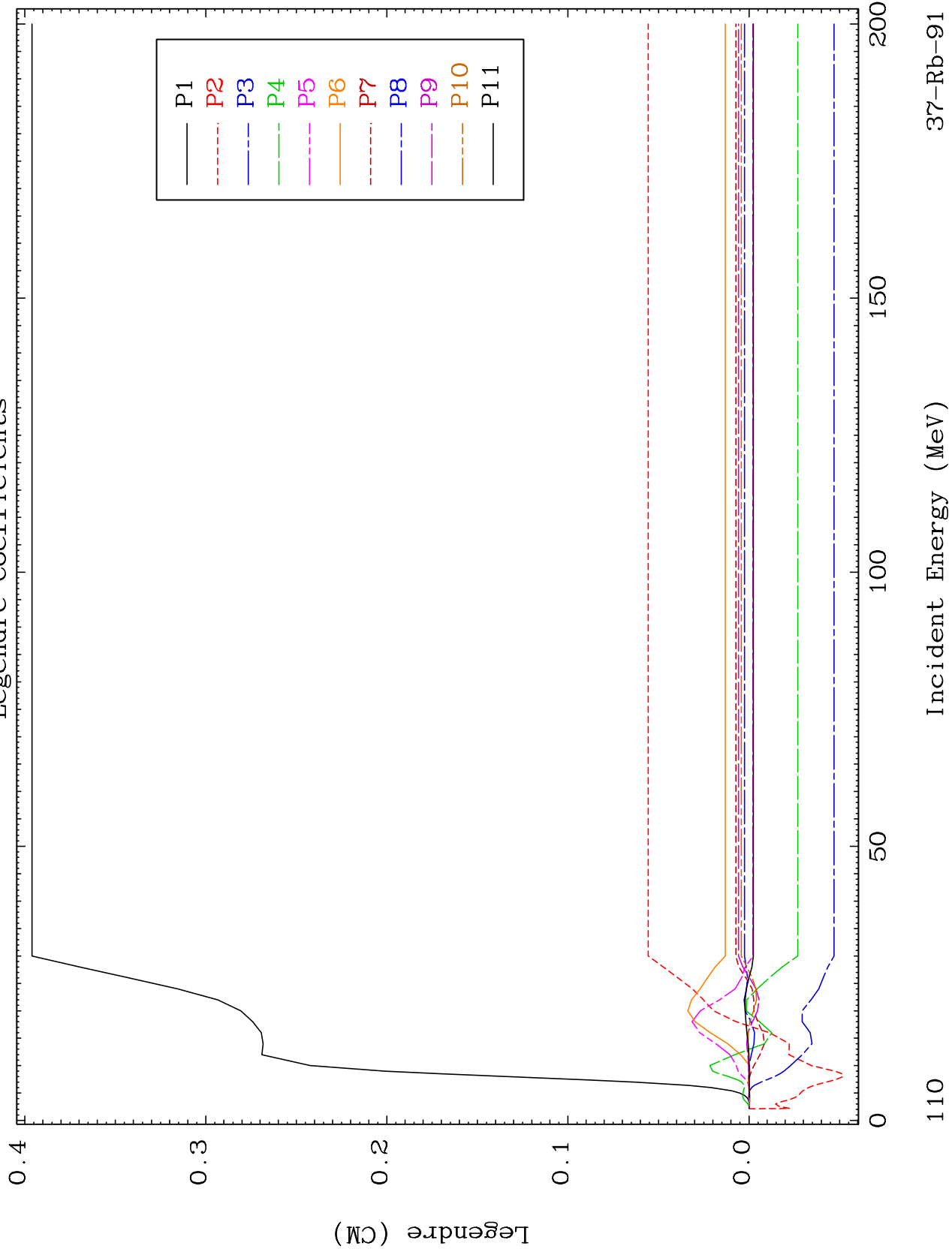
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



37-Rb-91

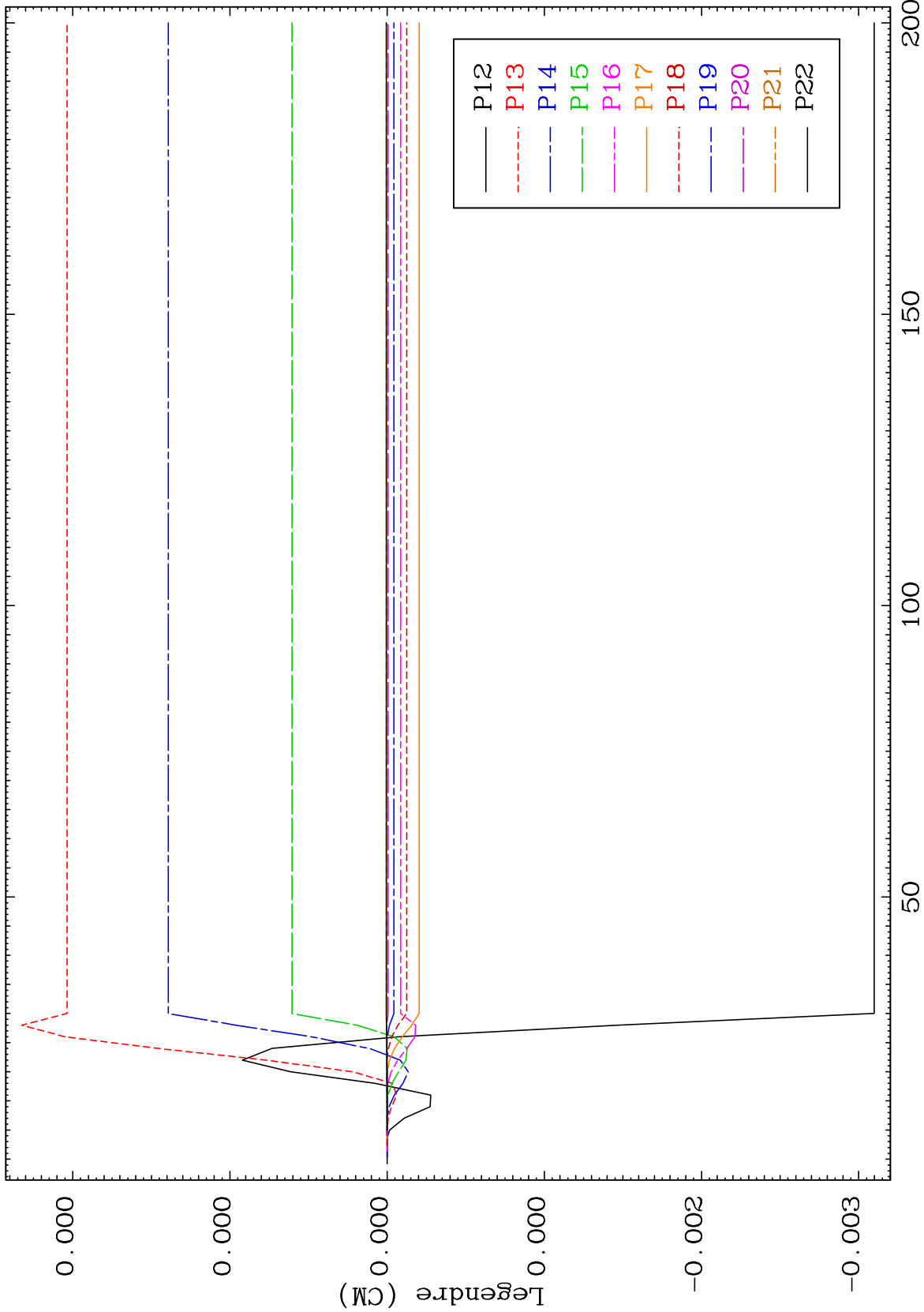
Incident Energy (MeV)

110

MAT 3743

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

37-Rb-91



111

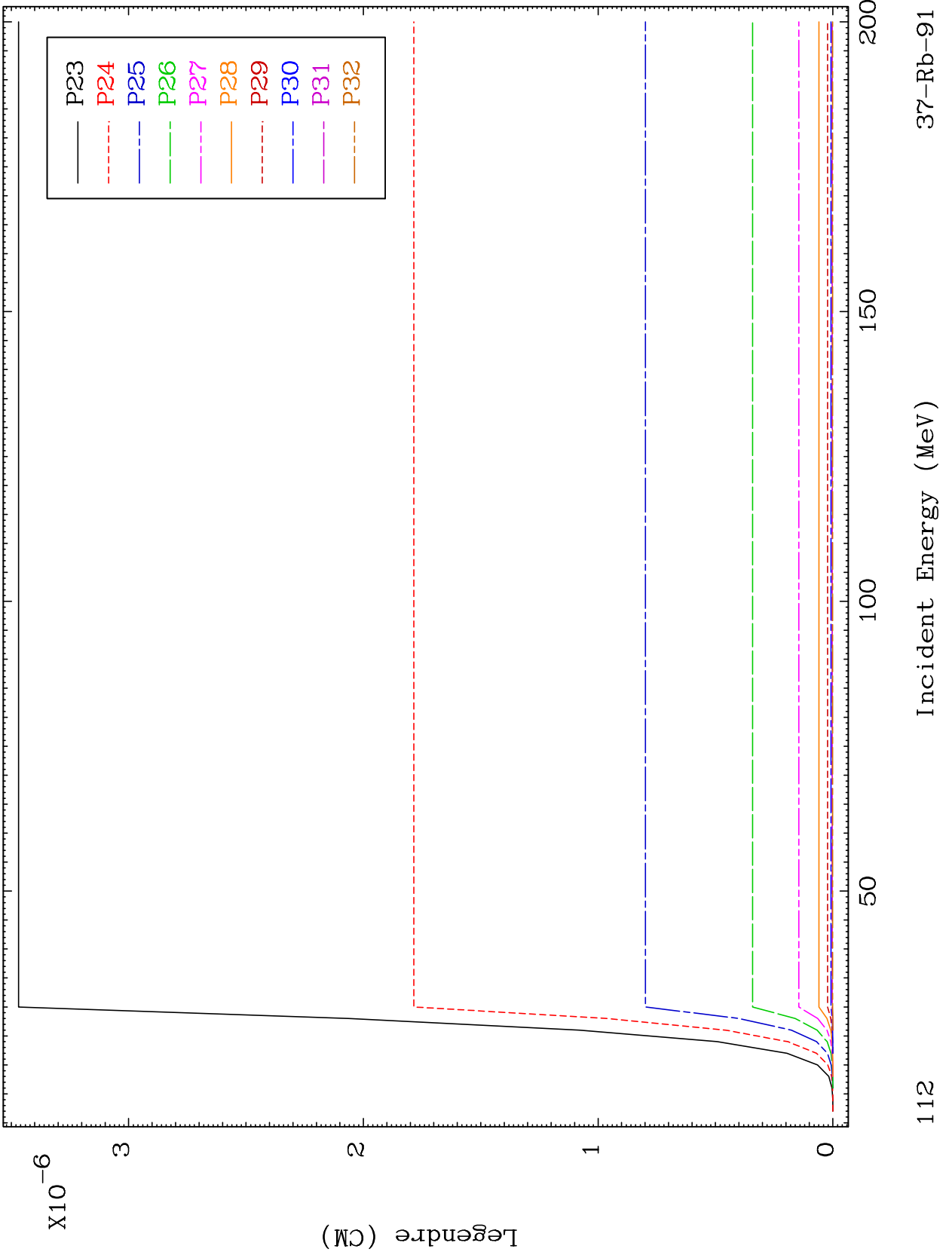
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



112

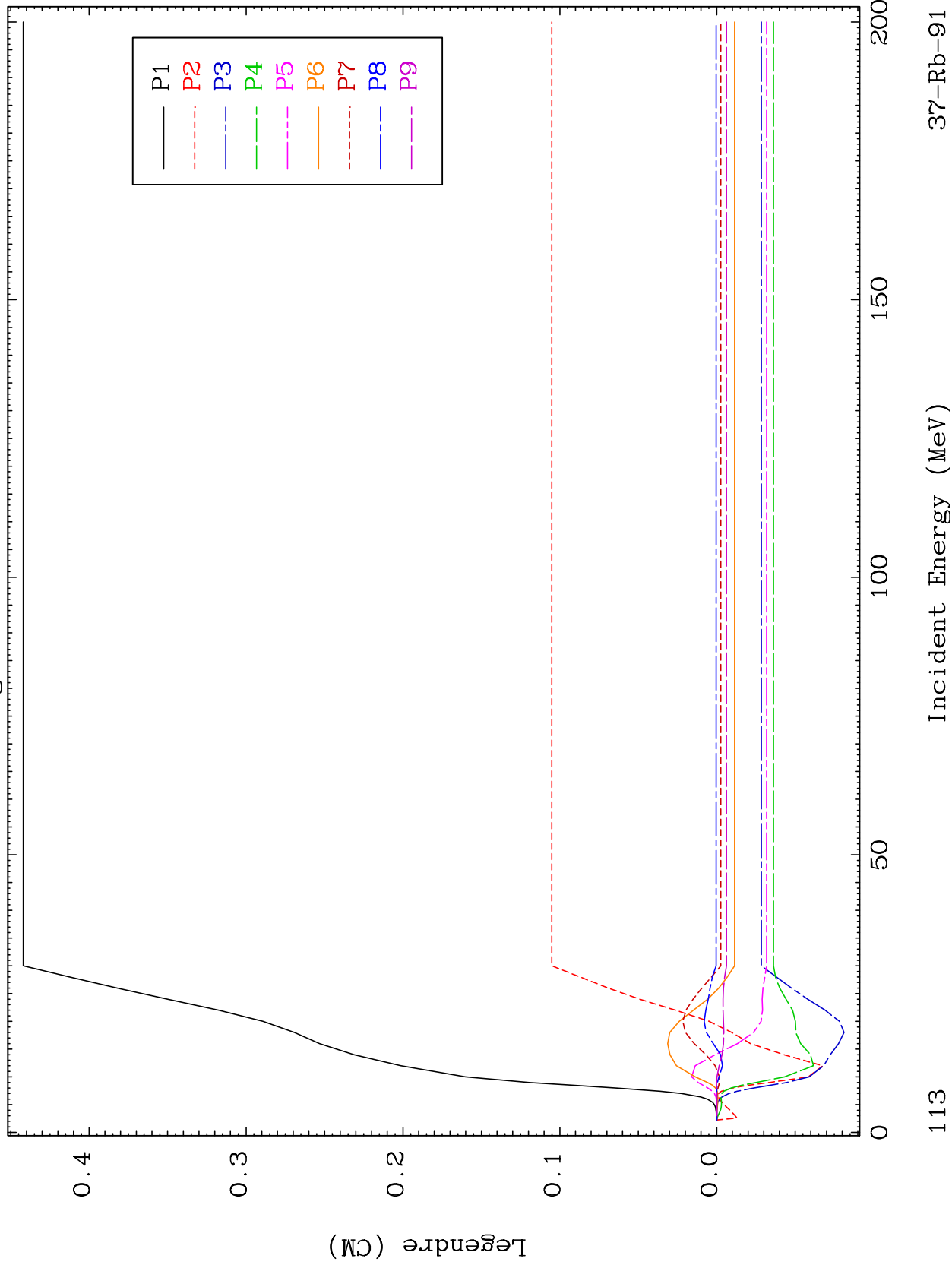
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



113

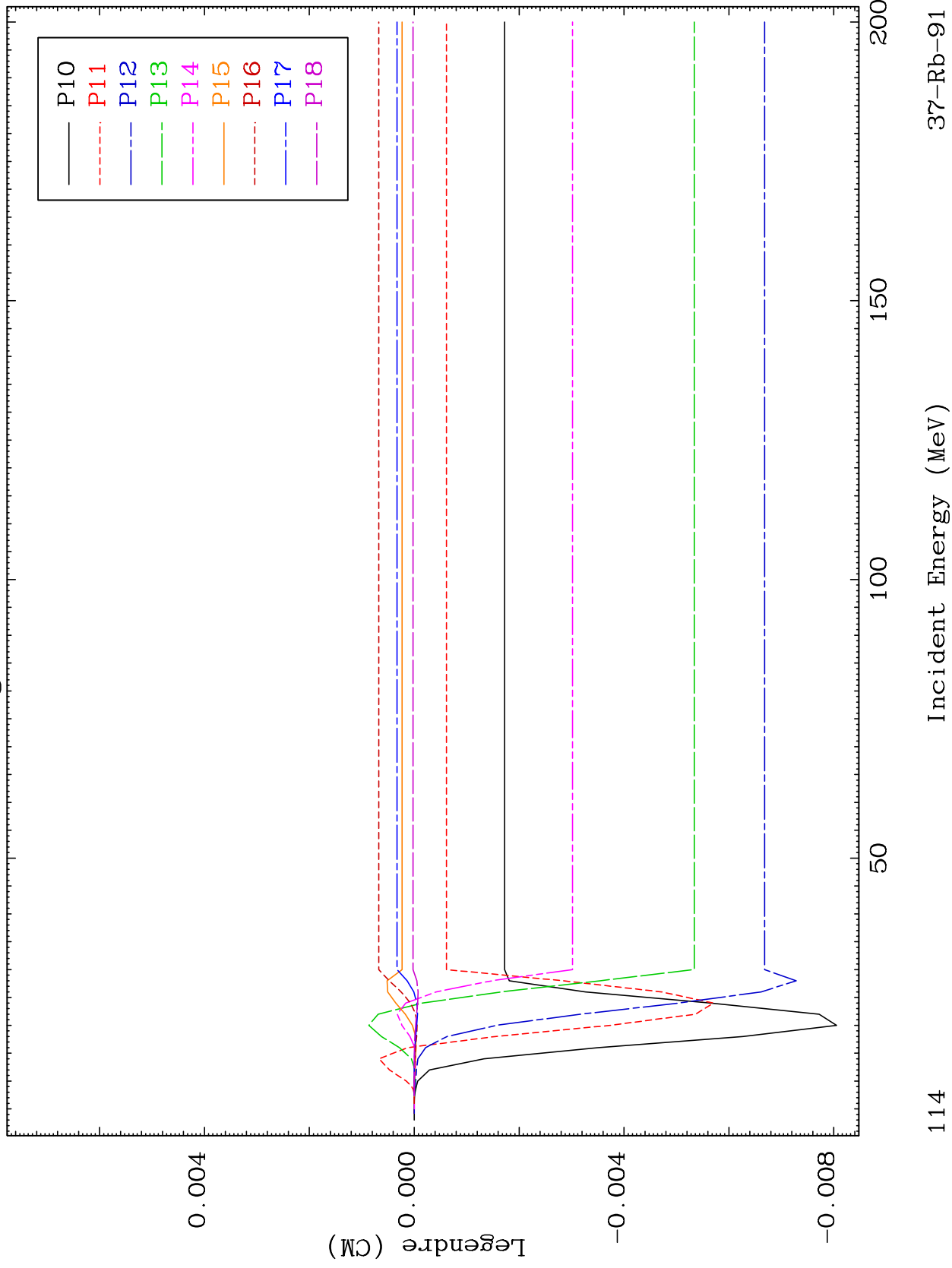
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



114

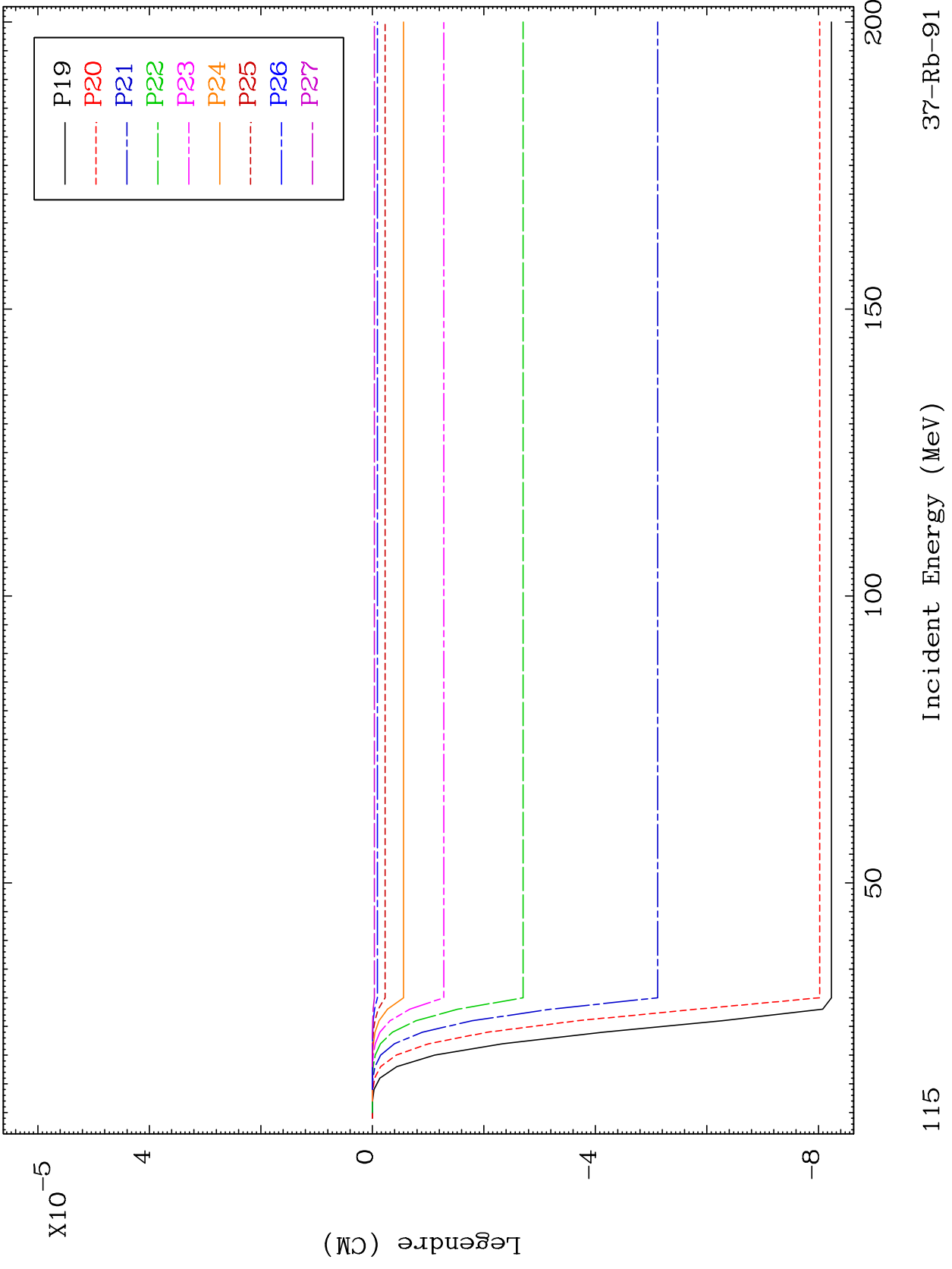
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

37-Rb-91



115

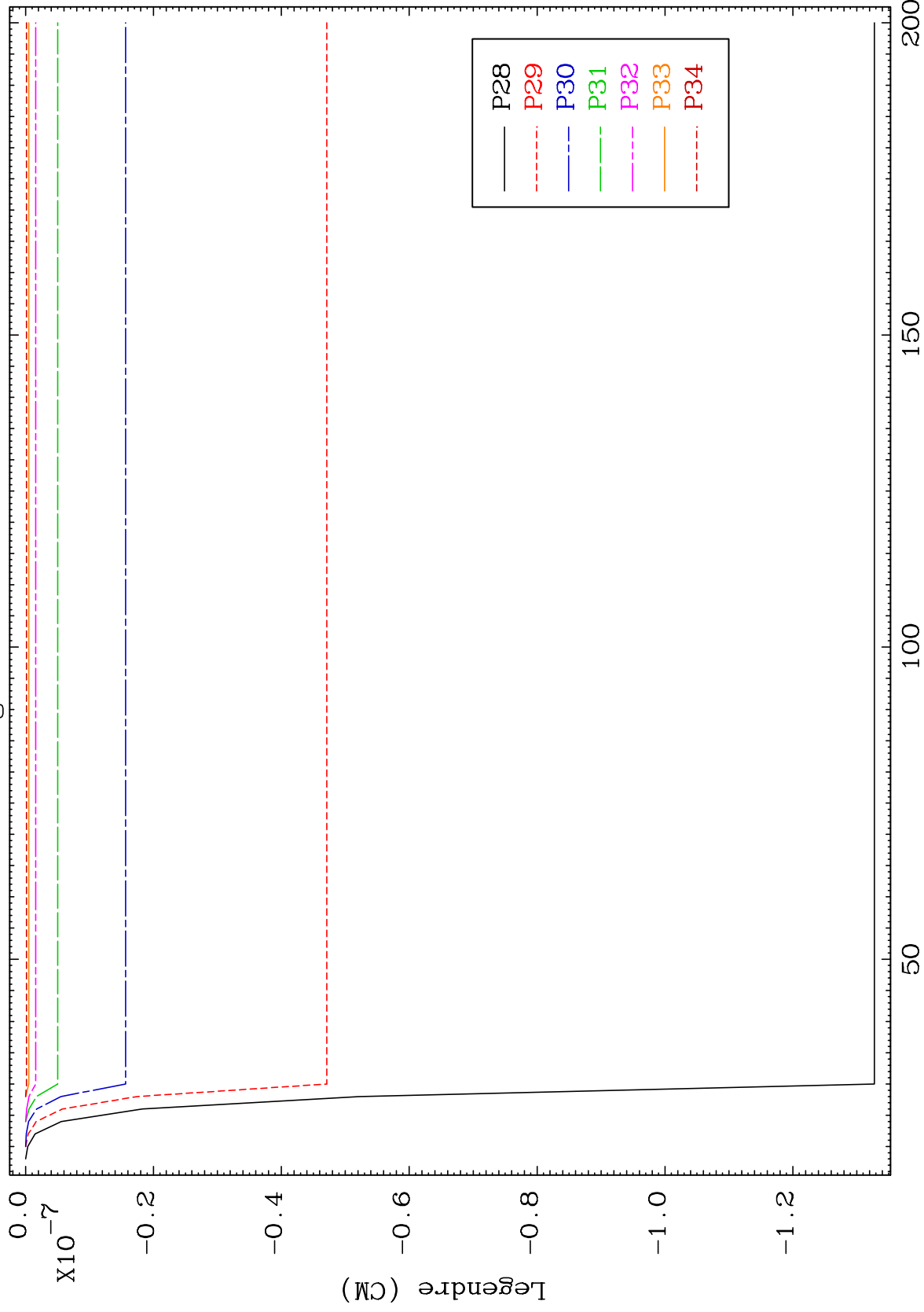
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

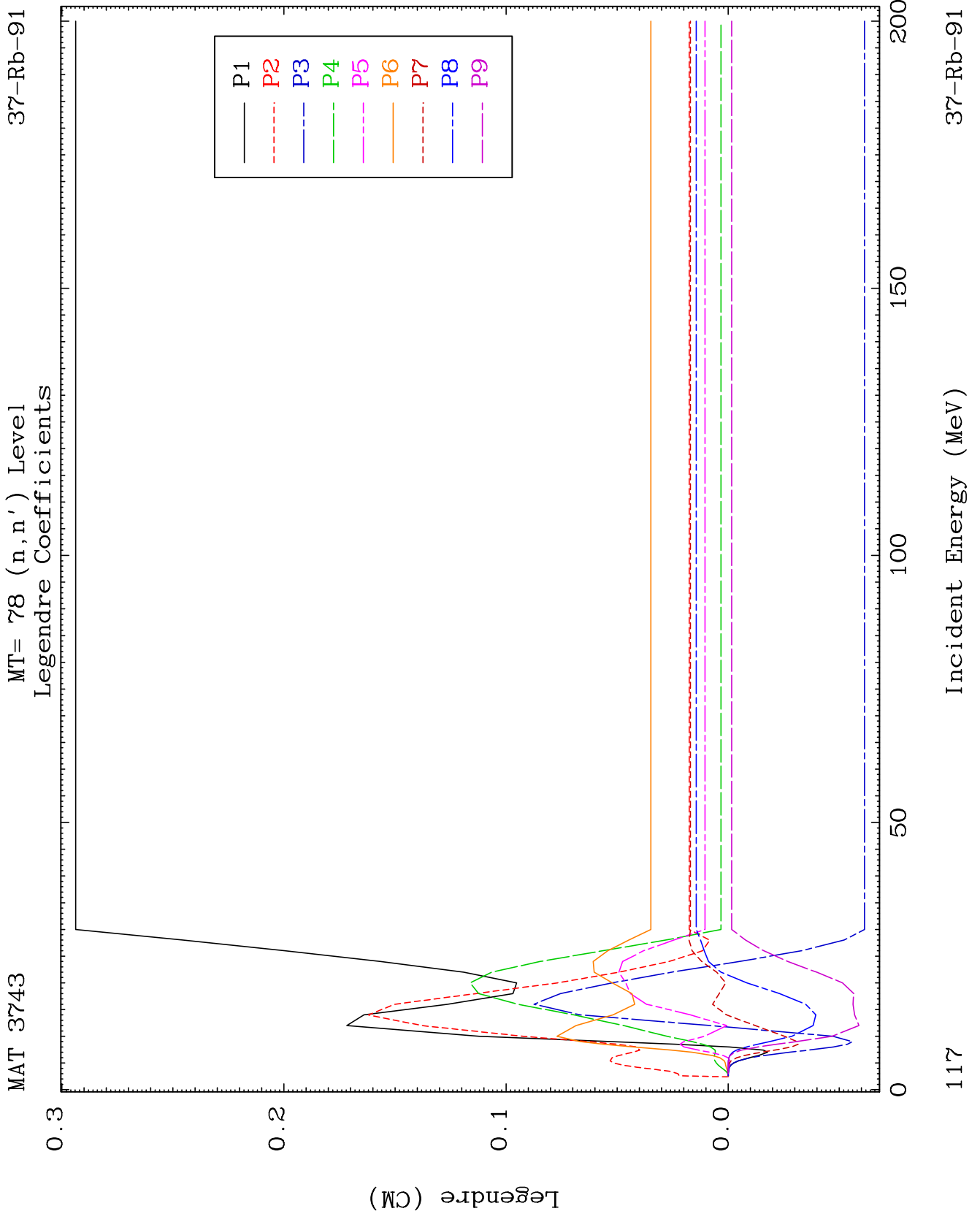
37-Rb-91



116

Incident Energy (MeV)

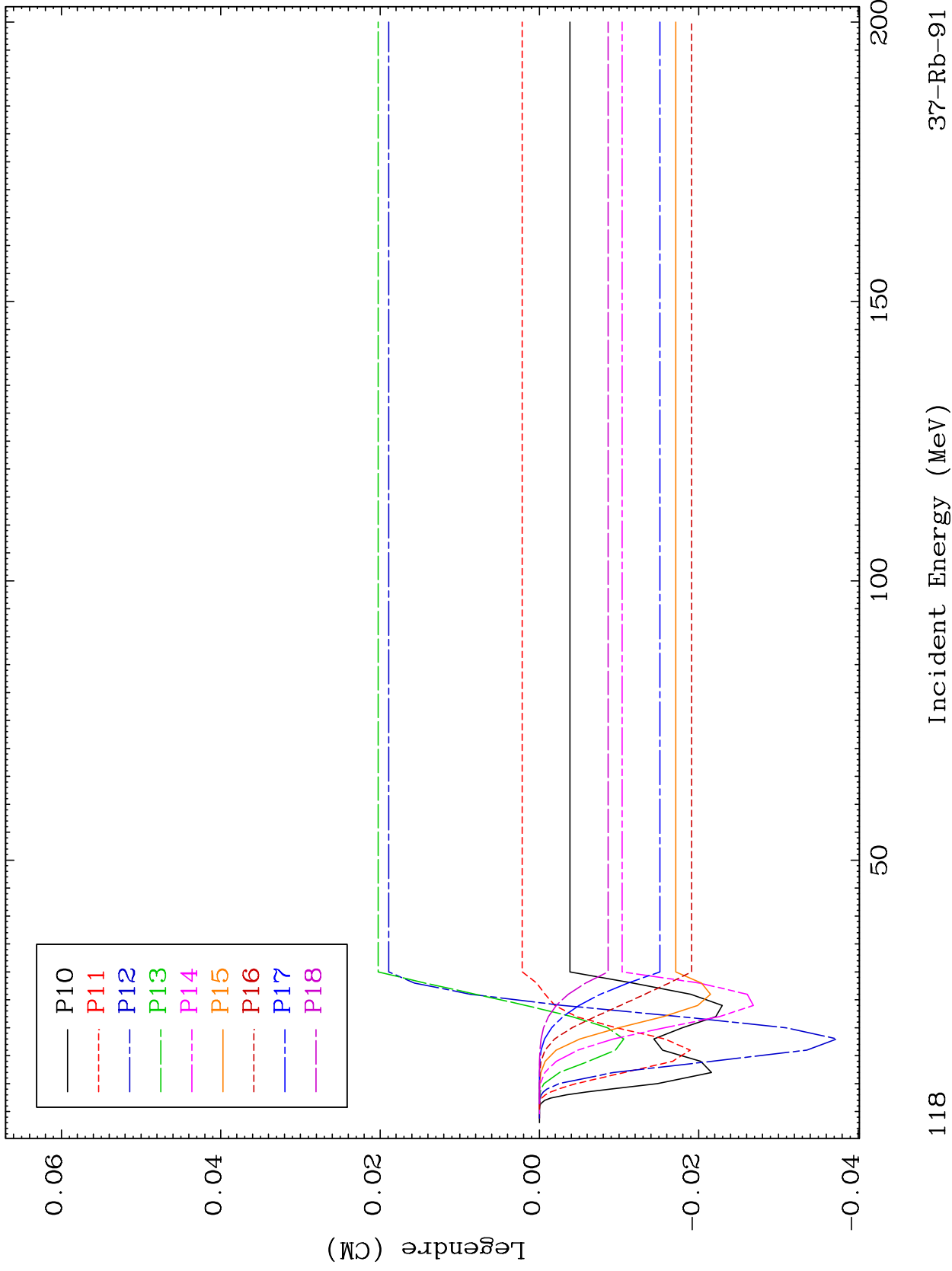
37-Rb-91



MAT 3743

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

37-Rb-91



118

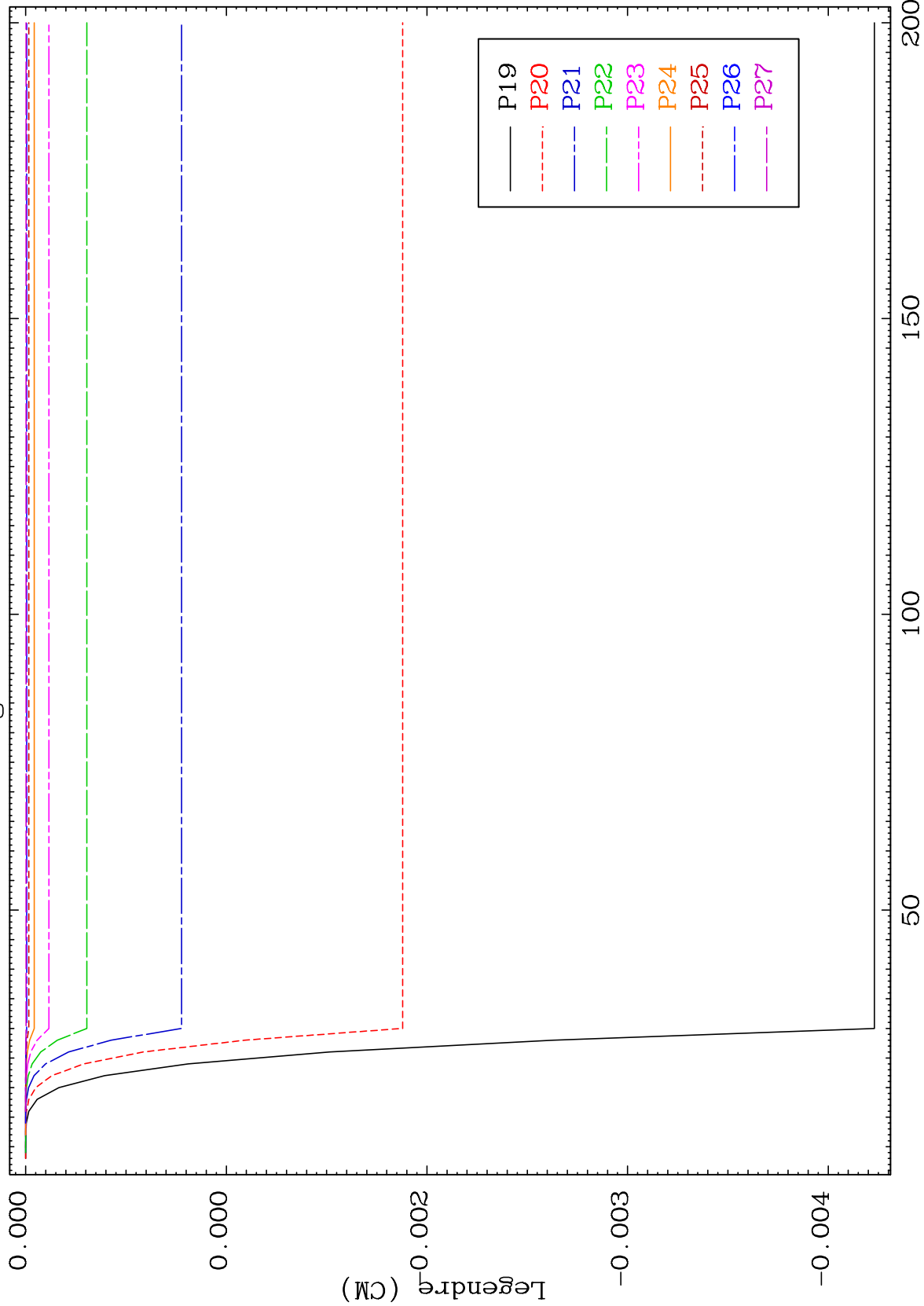
Incident Energy (MeV)

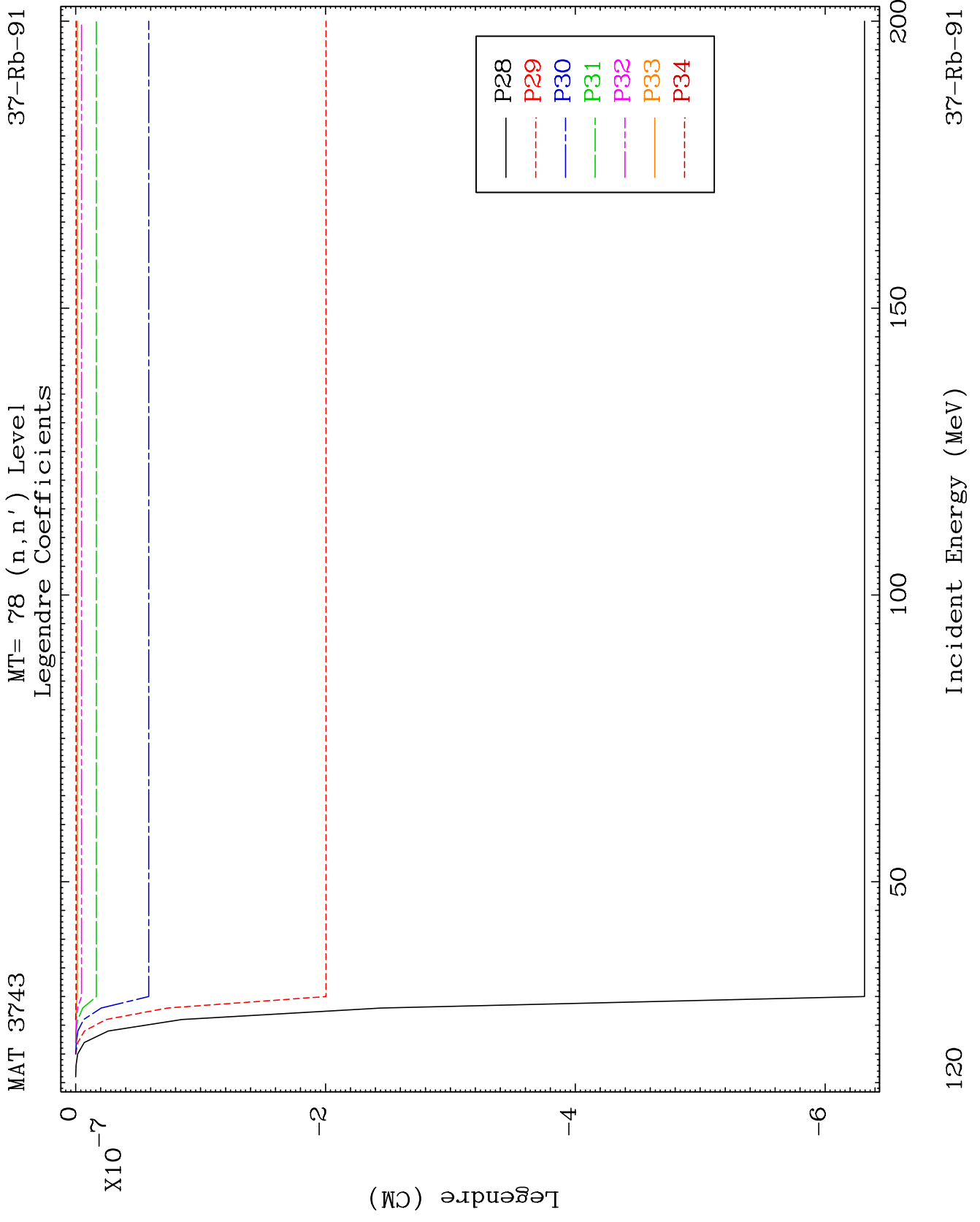
37-Rb-91

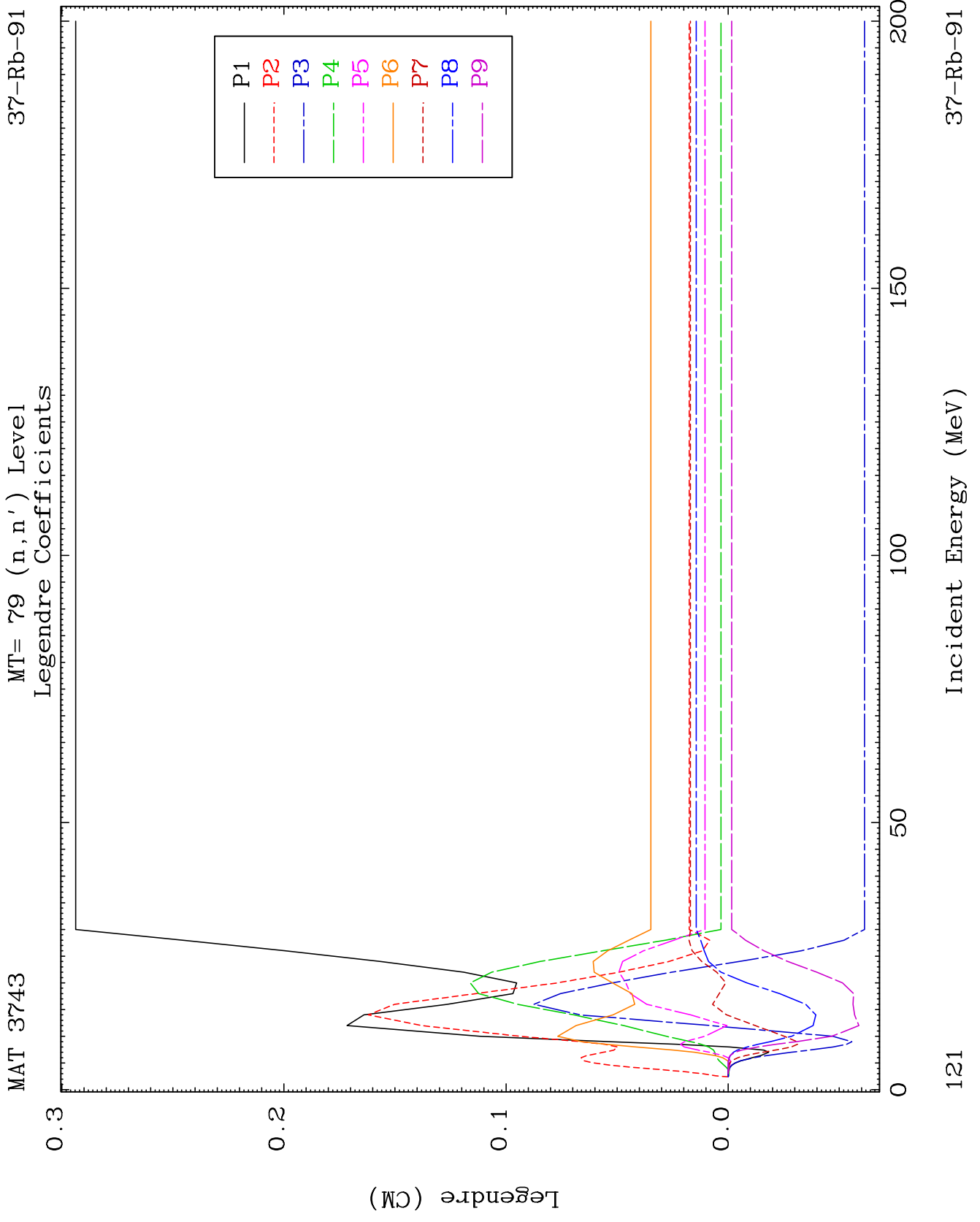
MAT 3743

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

37-Rb-91



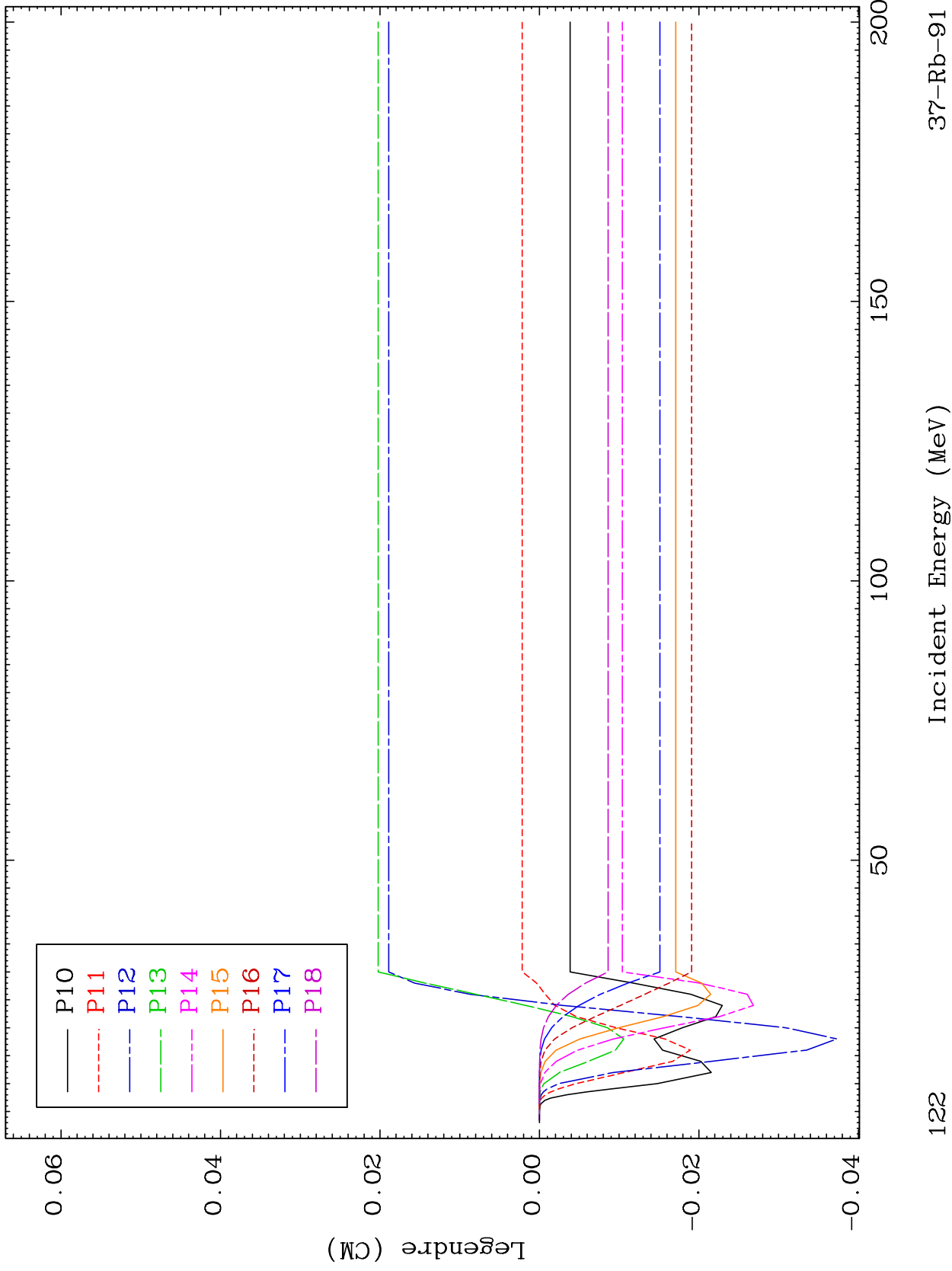




MAT 3743

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

37-Rb-91



122

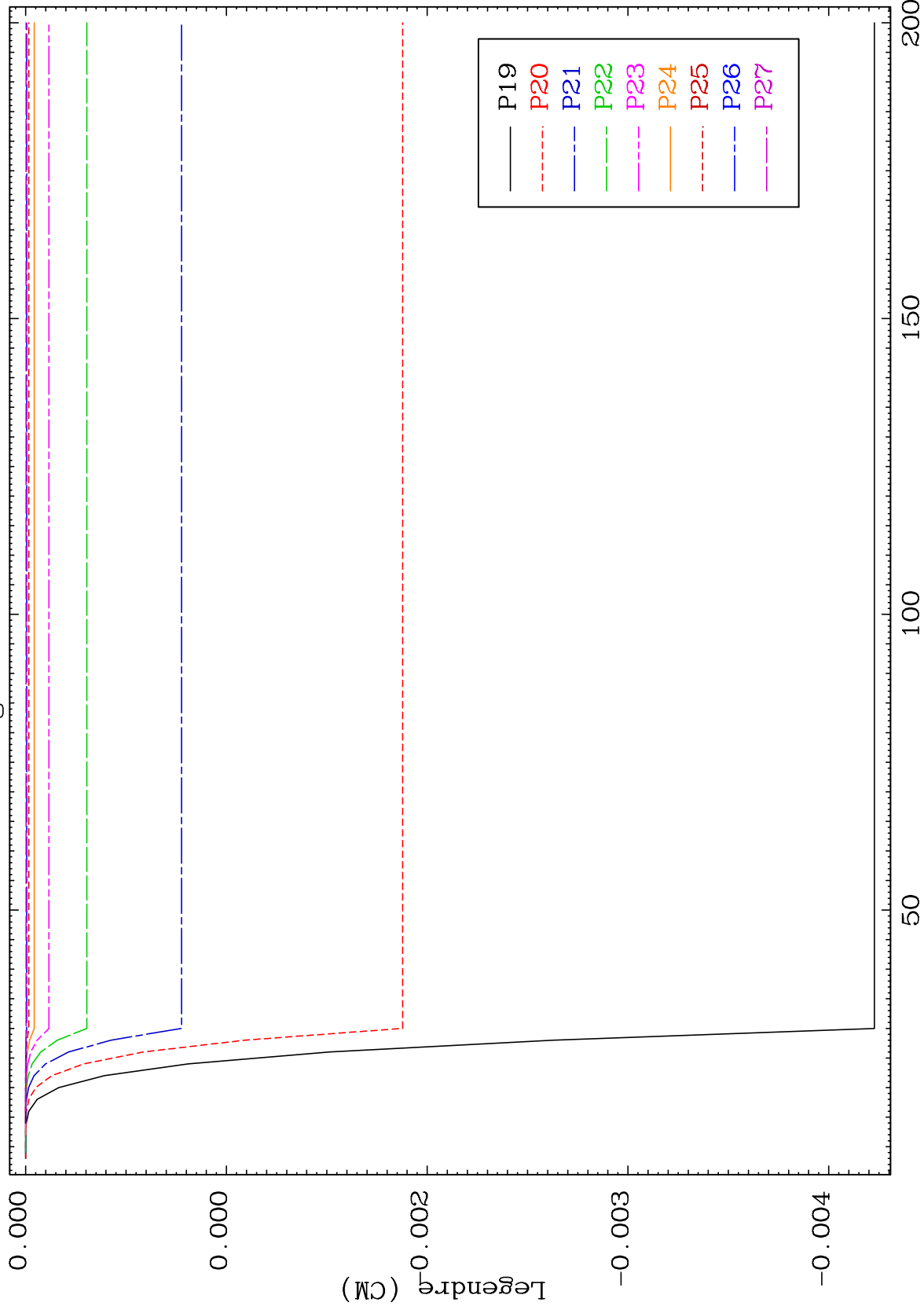
Incident Energy (MeV)

37-Rb-91

MAT 3743

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

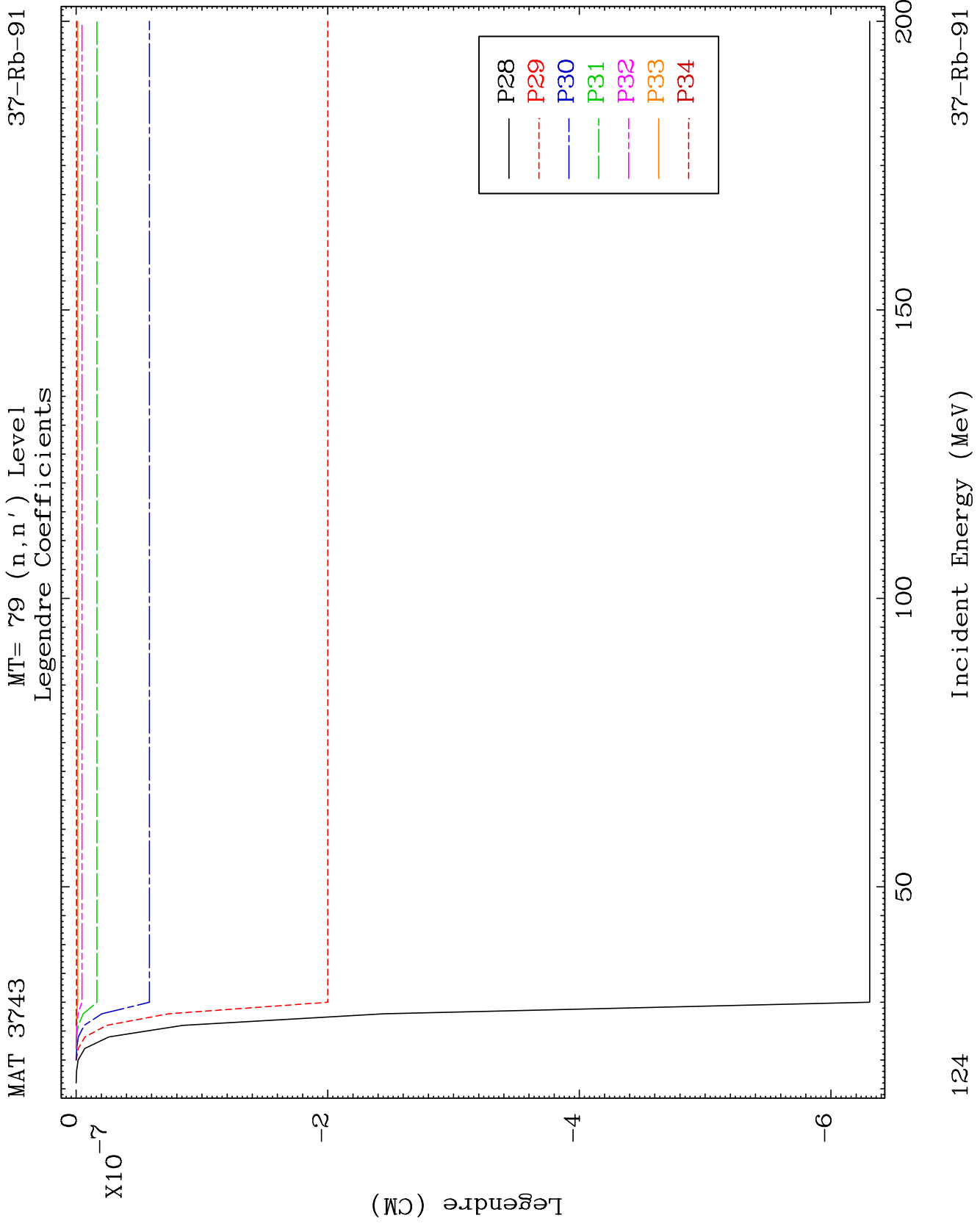
37-Rb-91



123

Incident Energy (MeV)

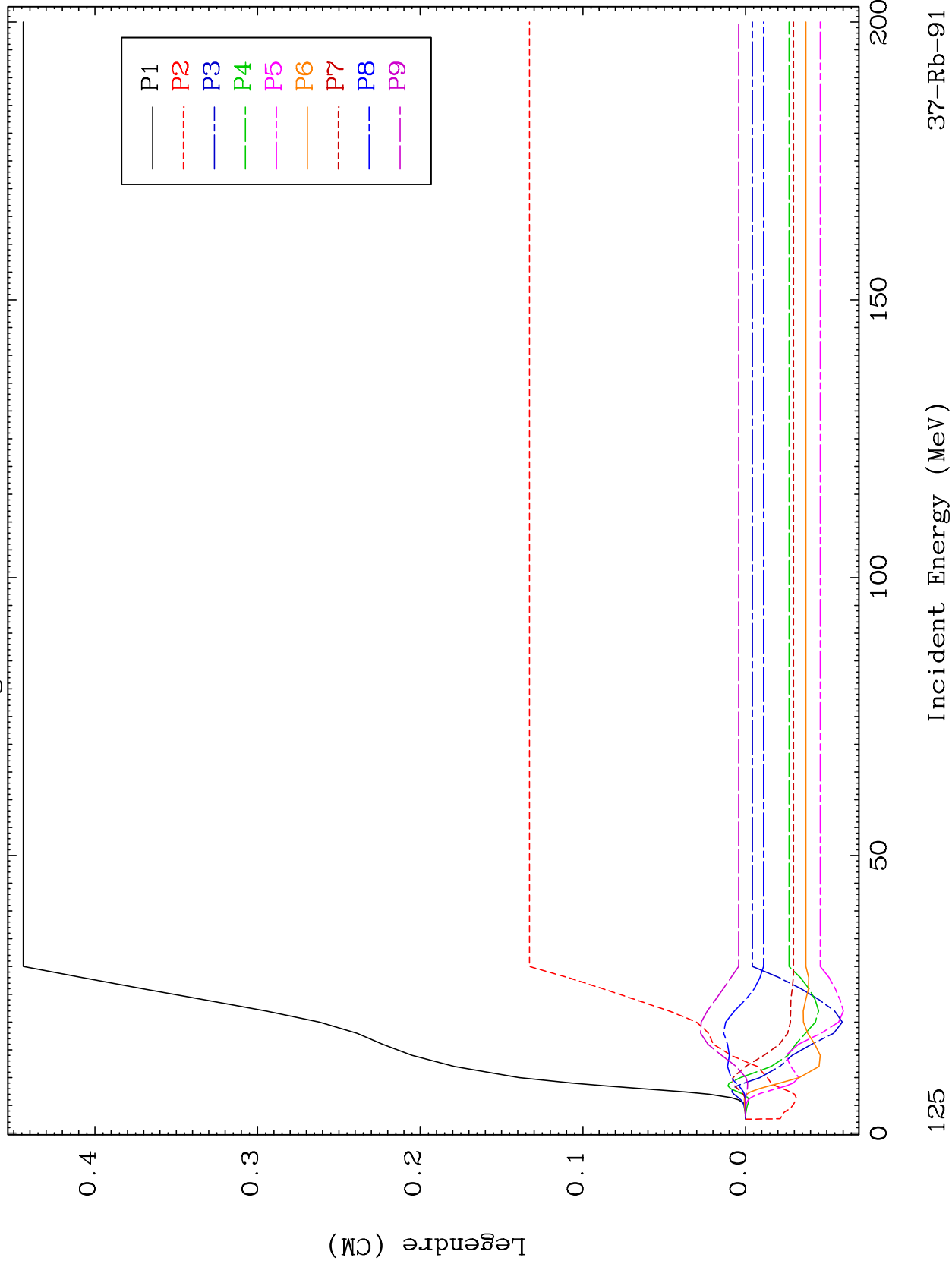
37-Rb-91



MAT 3743

MT= 80 (n,n') Level
Legendre Coefficients

37-Rb-91



37-Rb-91

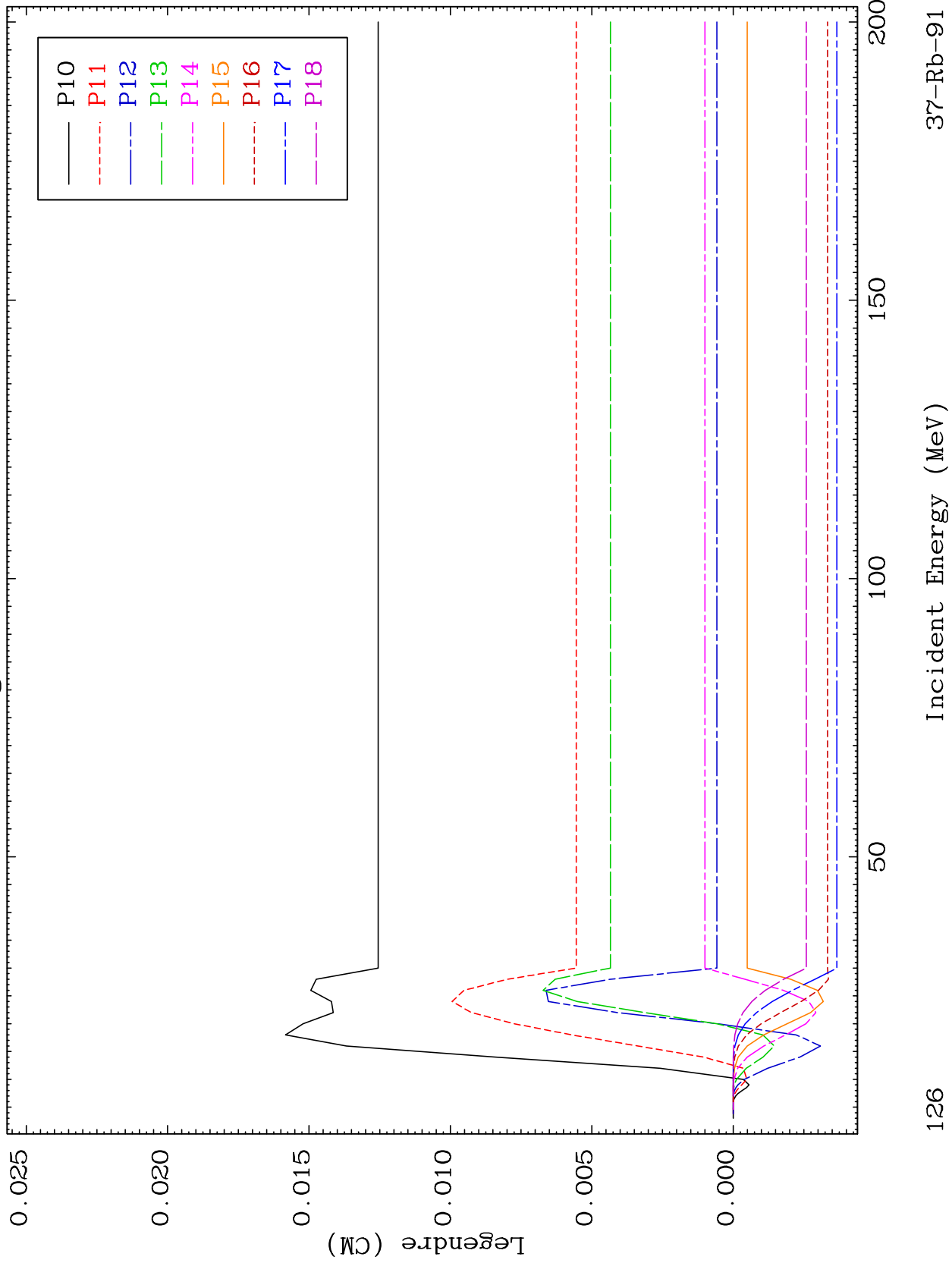
Incident Energy (MeV)

125

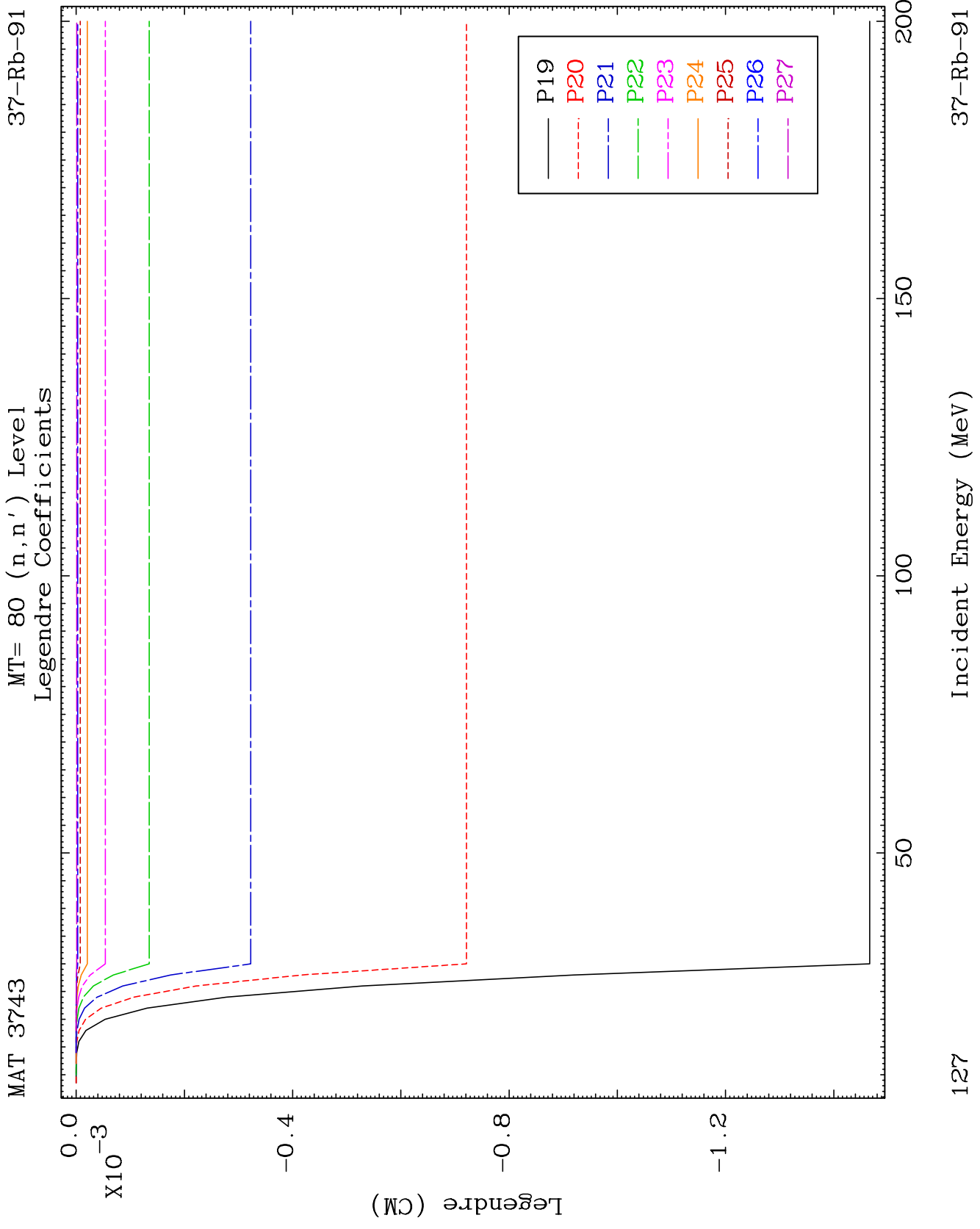
MAT 3743

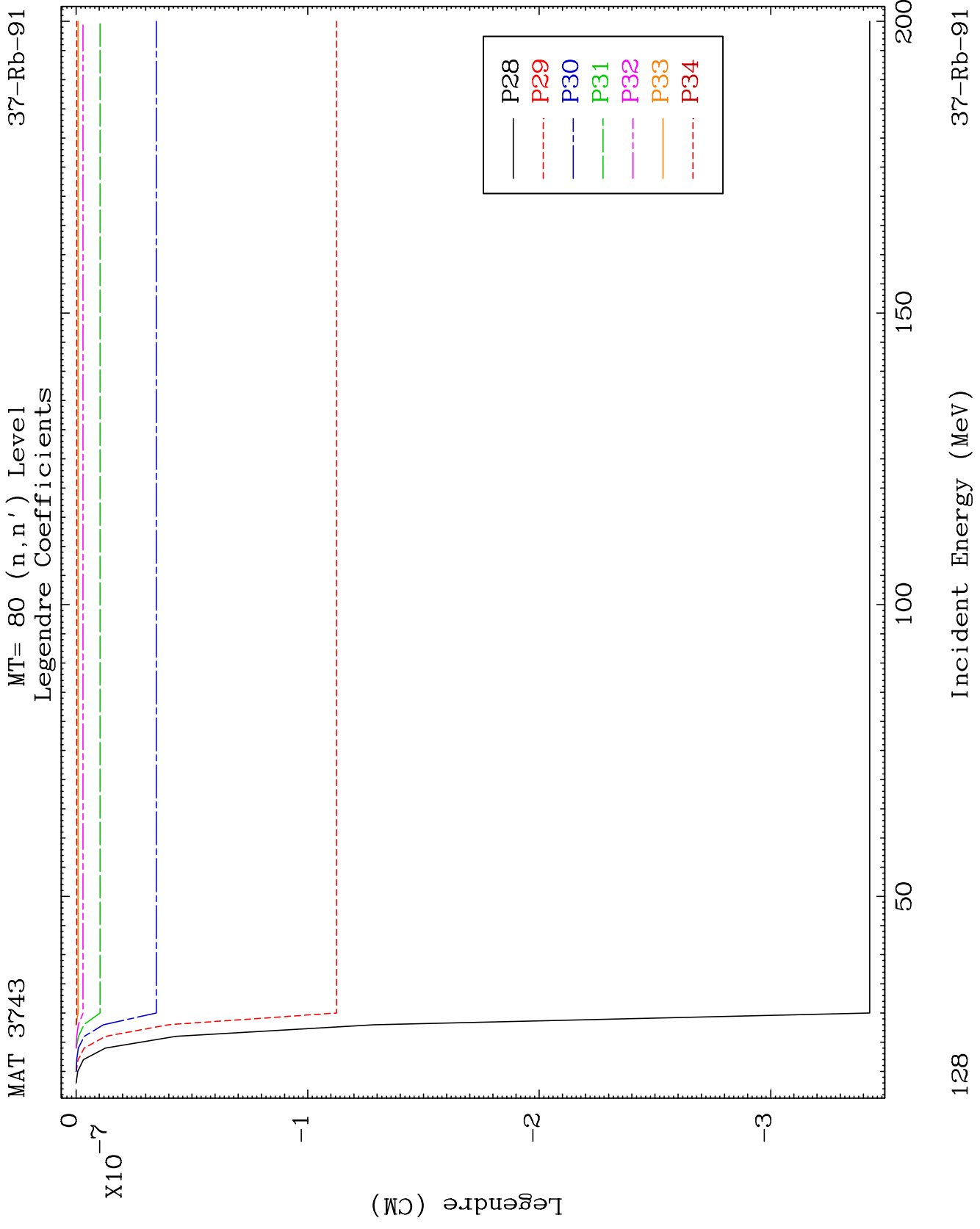
MT= 80 (n,n') Level
Legendre Coefficients

37-Rb-91



126

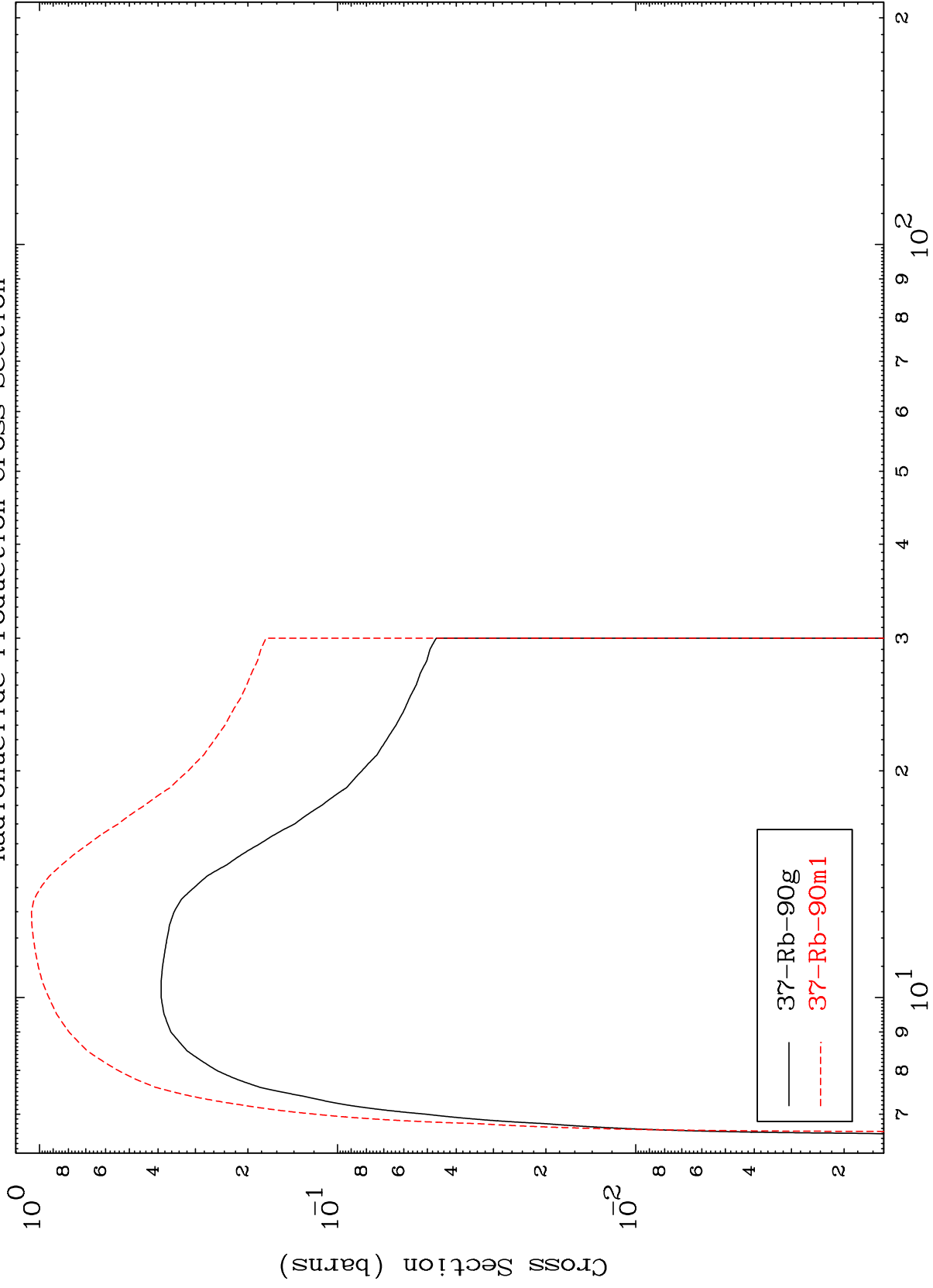




MAT 3743

³⁷Rb-91

(n,2n)
Radionuclide Production Cross Section



— ³⁷Rb-90g
- - - ³⁷Rb-90m1

129

Incident Energy (MeV)

³⁷Rb-91