

Program EVALPLOT
(Version 2021-1)

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

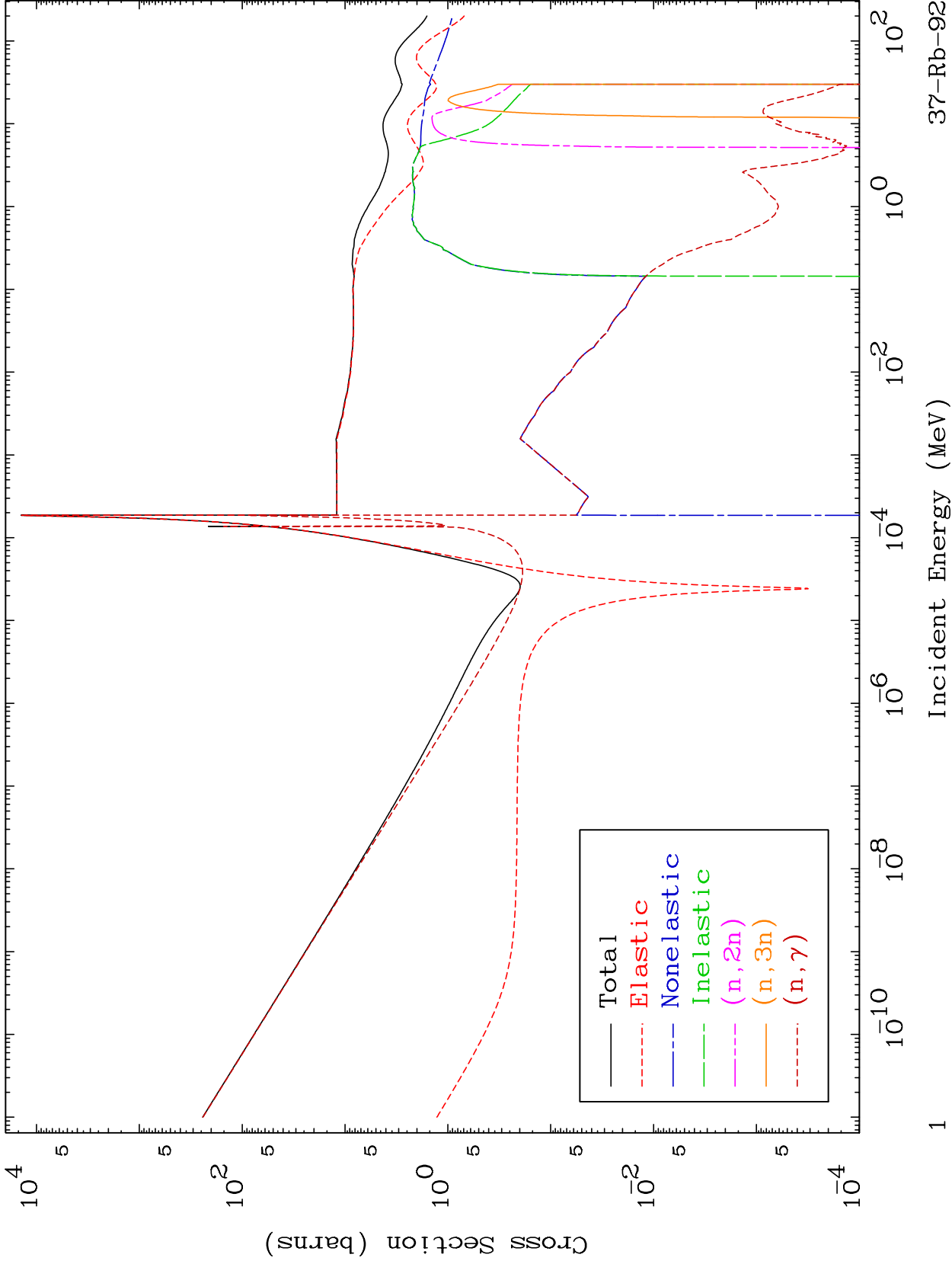
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3746

Neutron Major
293 Kelvin Cross Sections

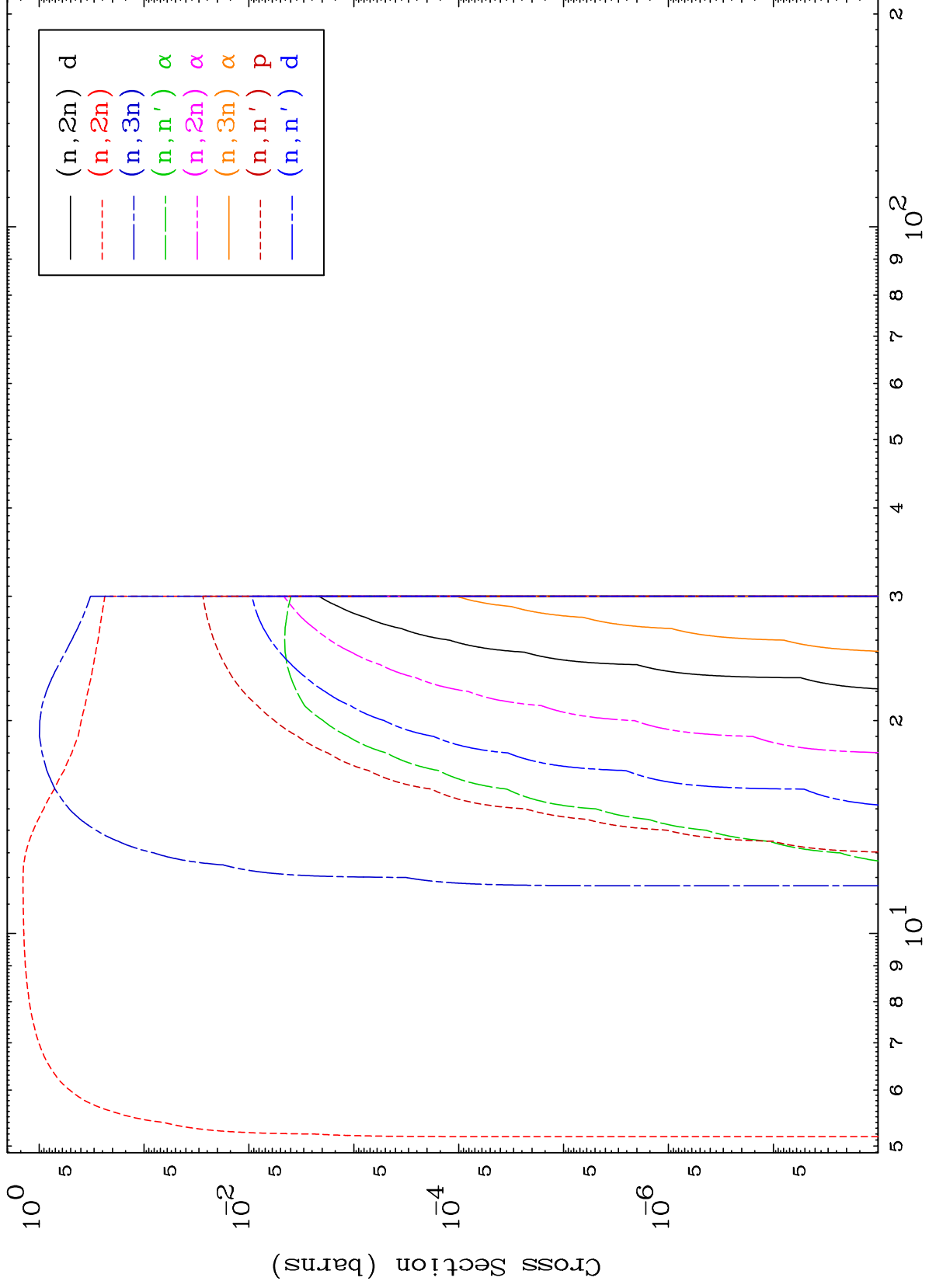
37-Rb-92



MAT 3746

Neutron Absorption
293 Kelvin Cross Sections

37-Rb-92



2

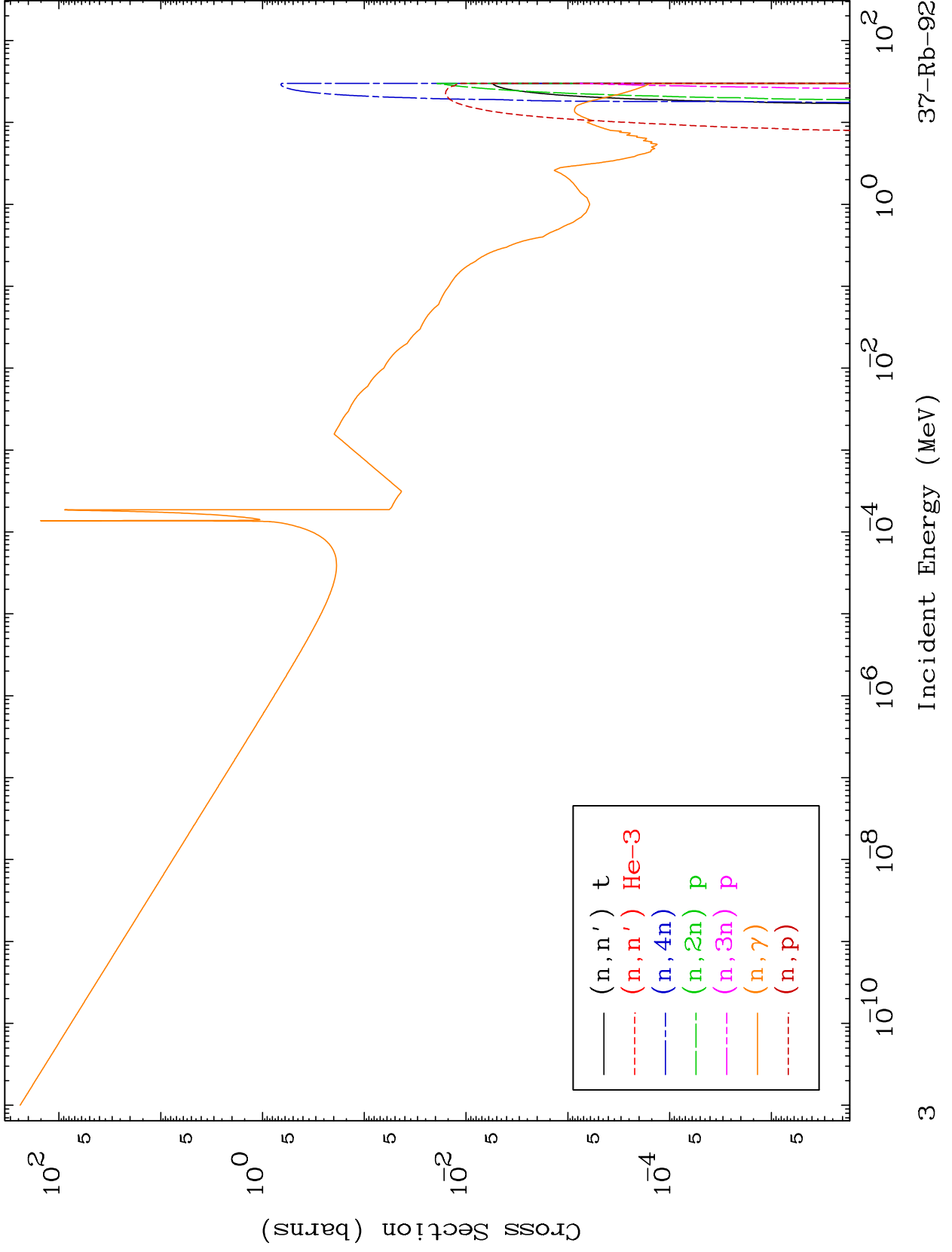
Incident Energy (MeV)

37-Rb-92

MAT 3746

Neutron Absorption
293 Kelvin Cross Sections

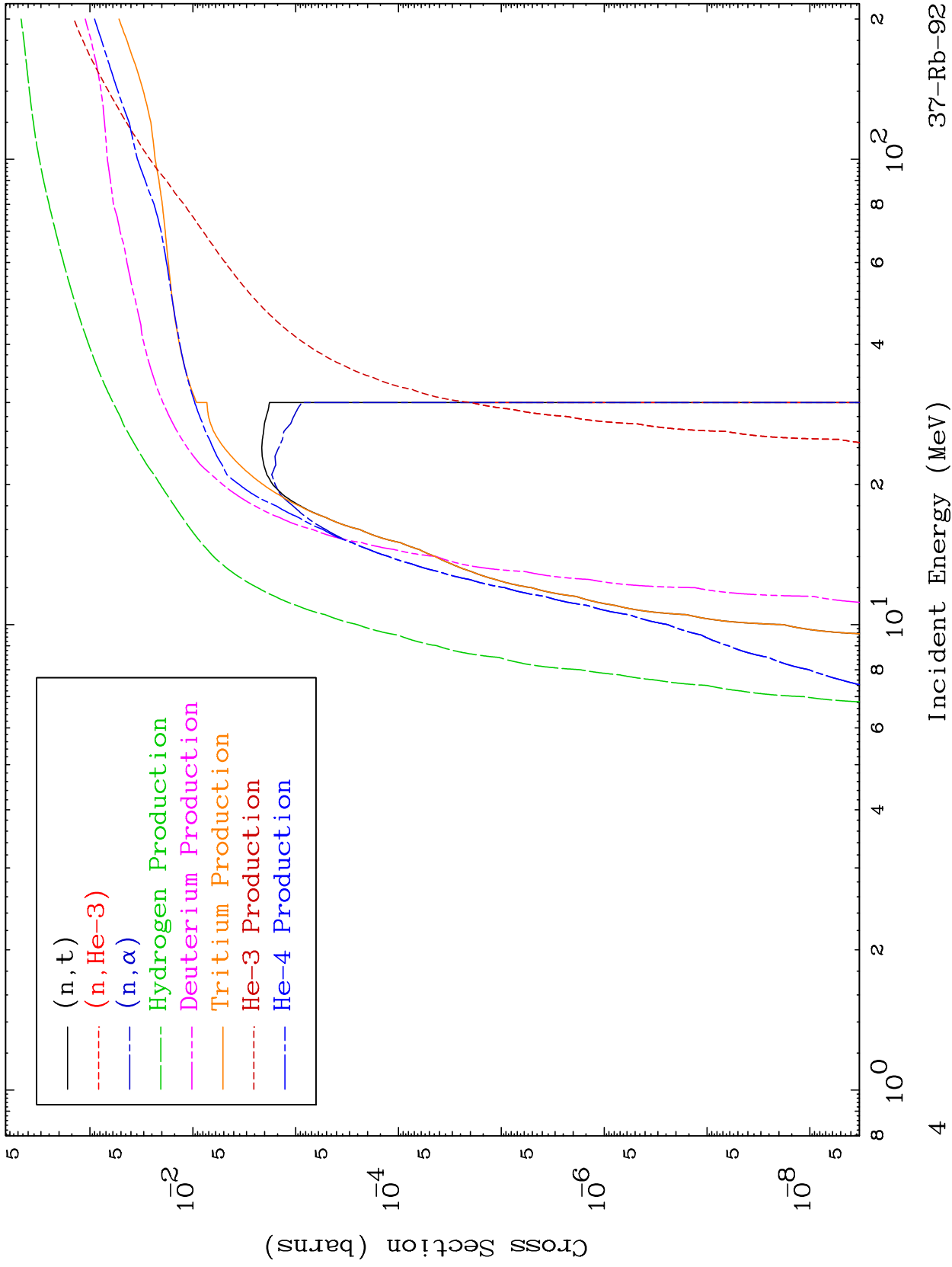
37-Rb-92



MAT 3746

Neutron Absorption
293 Kelvin Cross Sections

37-Rb-92



37-Rb-92

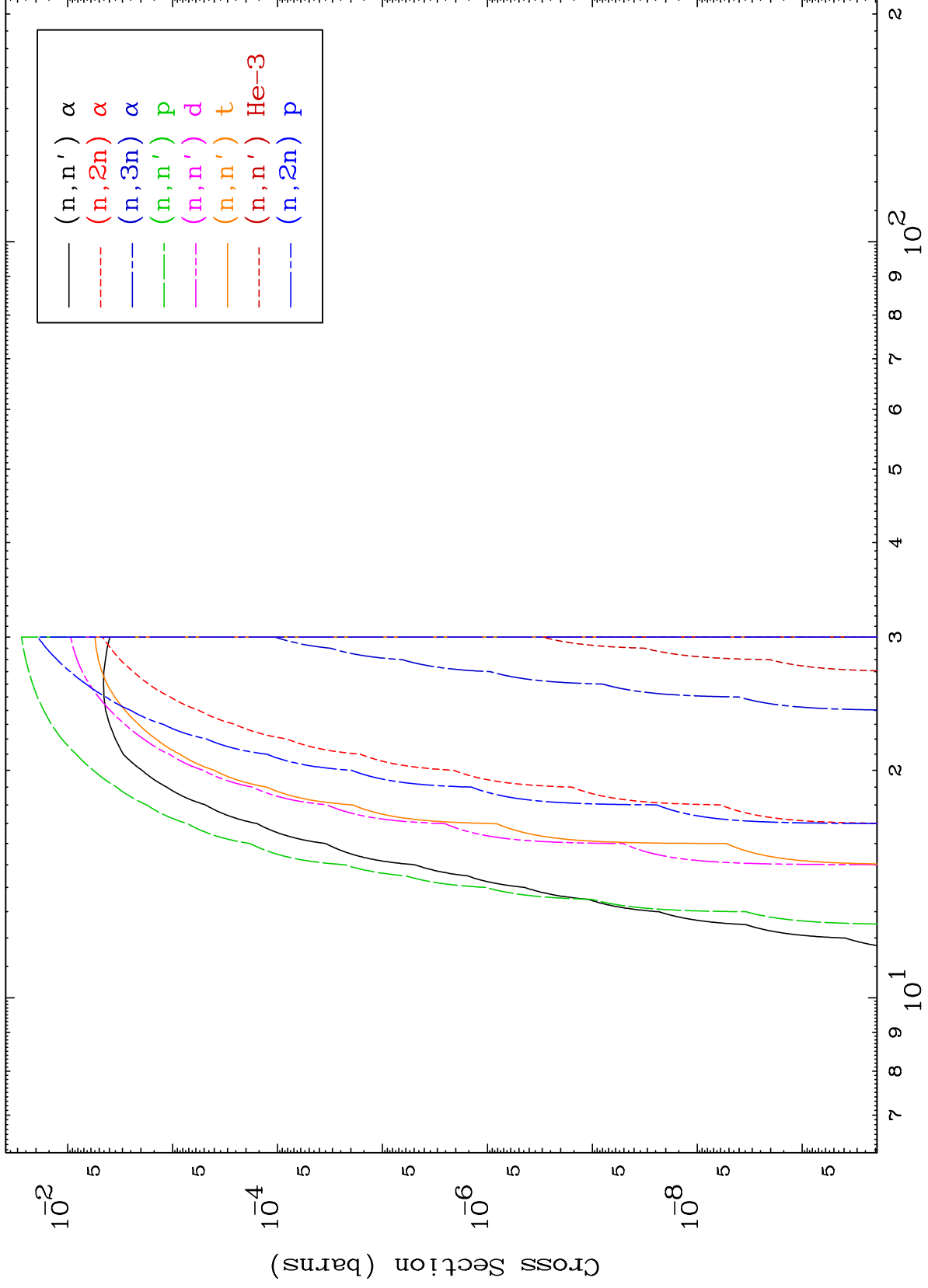
Incident Energy (MeV)

4

MAT 3746

Charged Particle
293 Kelvin Cross Sections

37-Rb-92



5

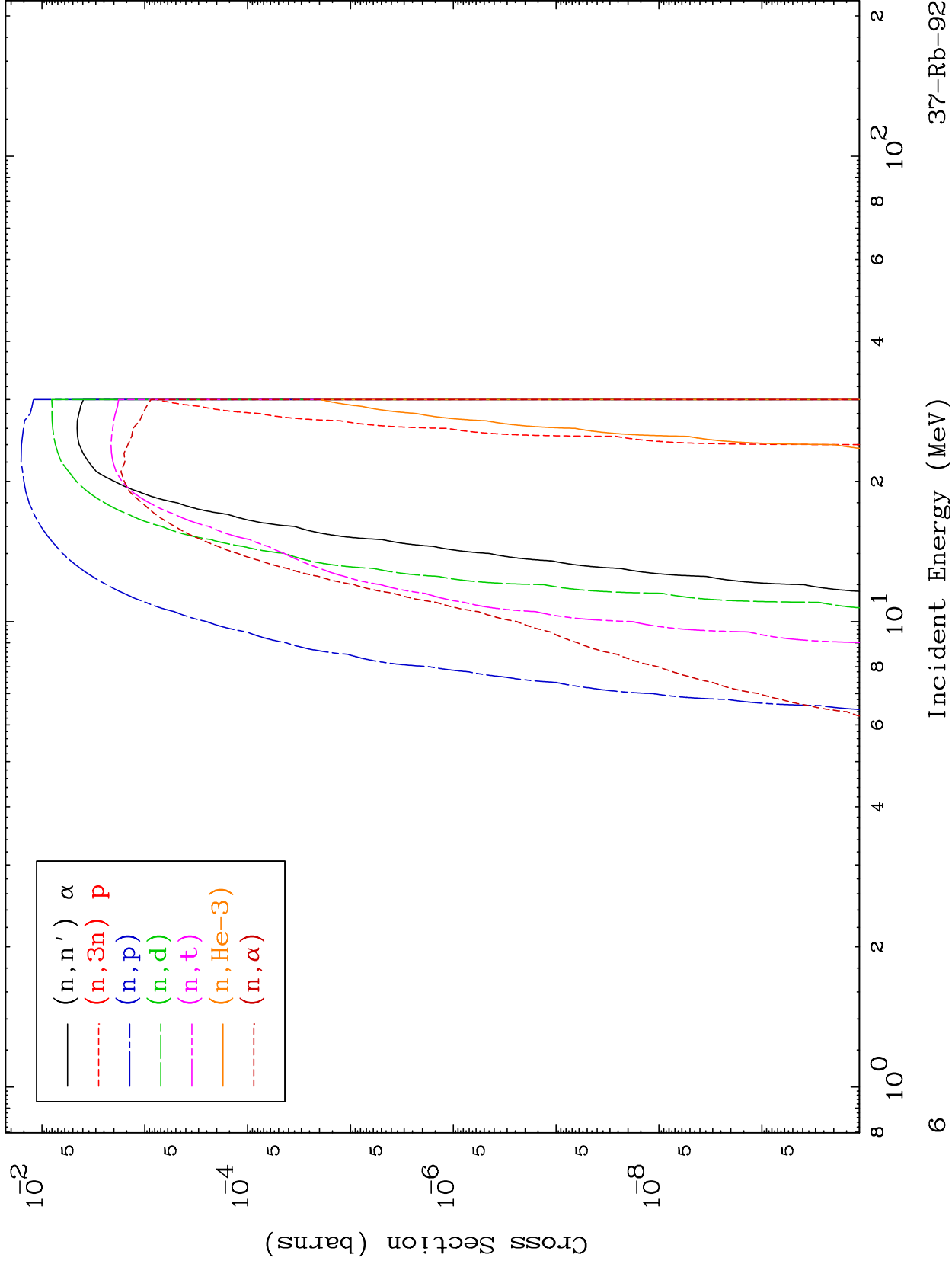
Incident Energy (MeV)

37-Rb-92

MAT 3746

Charged Particle
293 Kelvin Cross Sections

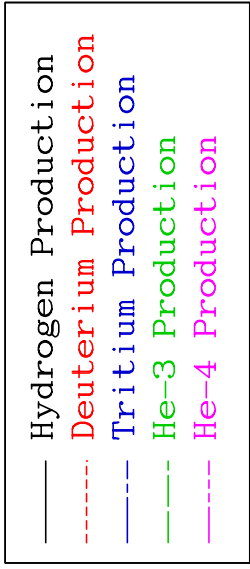
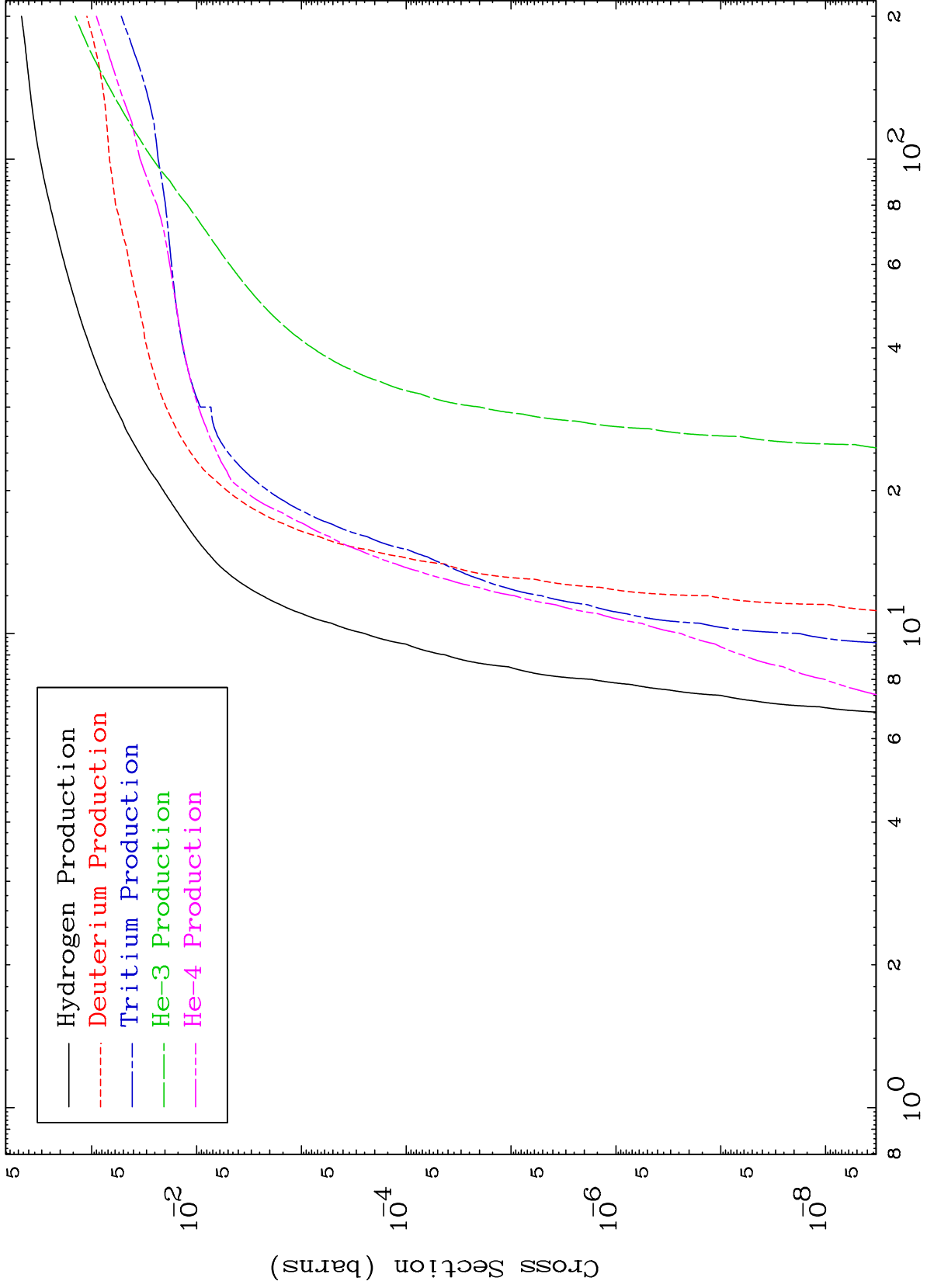
37-Rb-92



MAT 3746

Particle Production
293 Kelvin Cross Sections

37-Rb-92



7

Incident Energy (MeV)

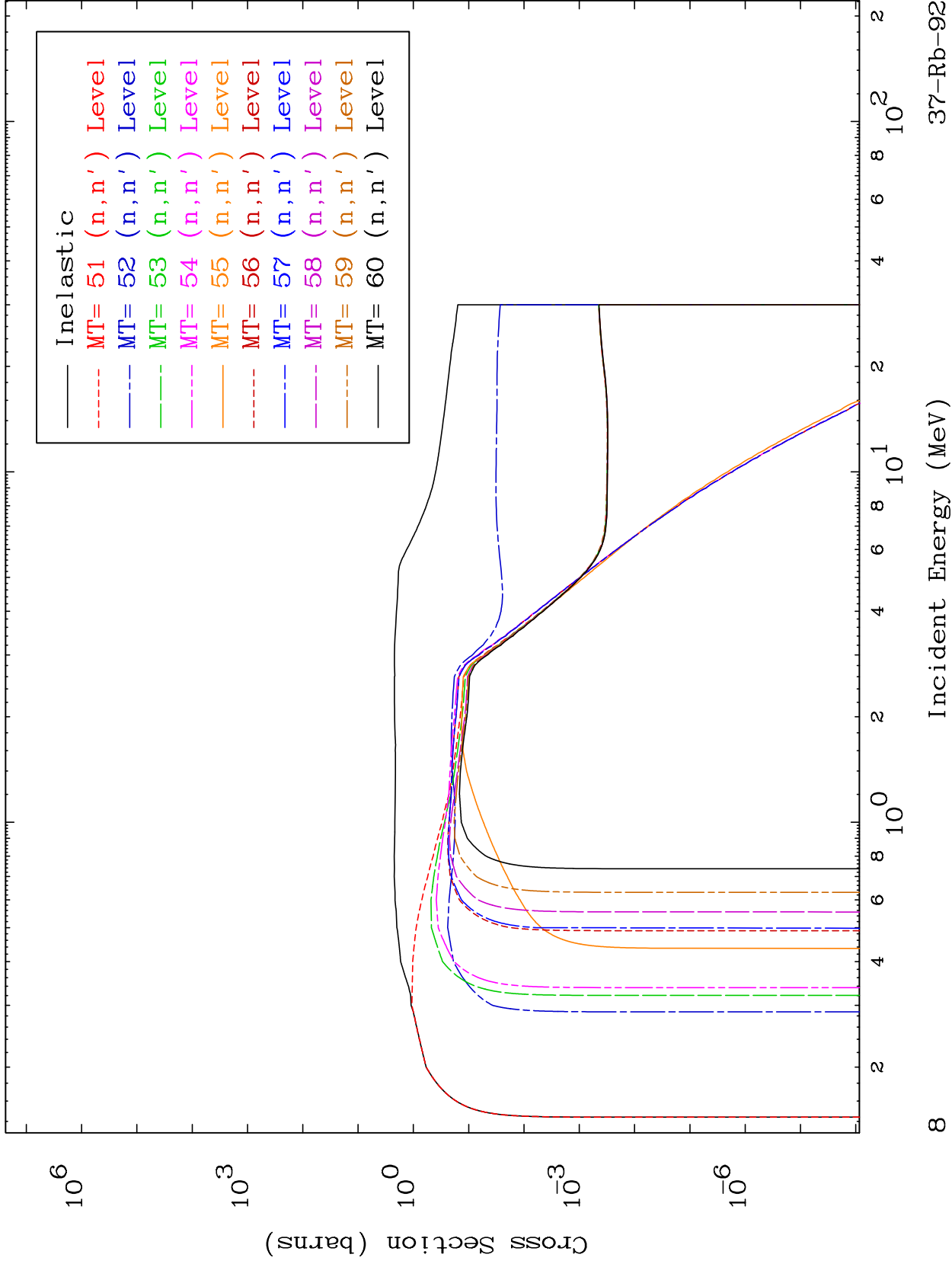
37-Rb-92

MAT 3746

(n,n') Levels

37-Rb-92

293 Kelvin Cross Sections

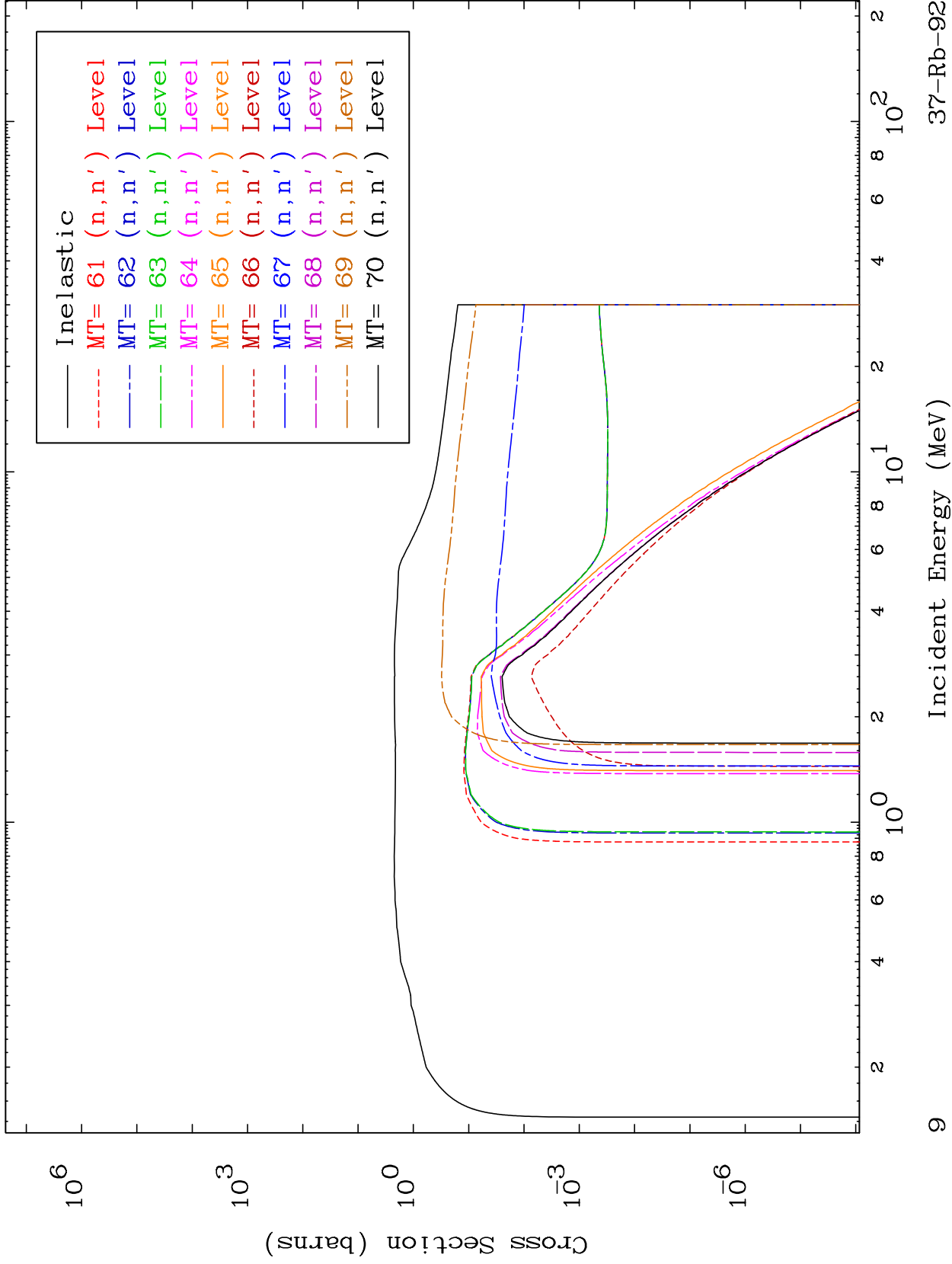


MAT 3746

(n,n') Levels

37-Rb-92

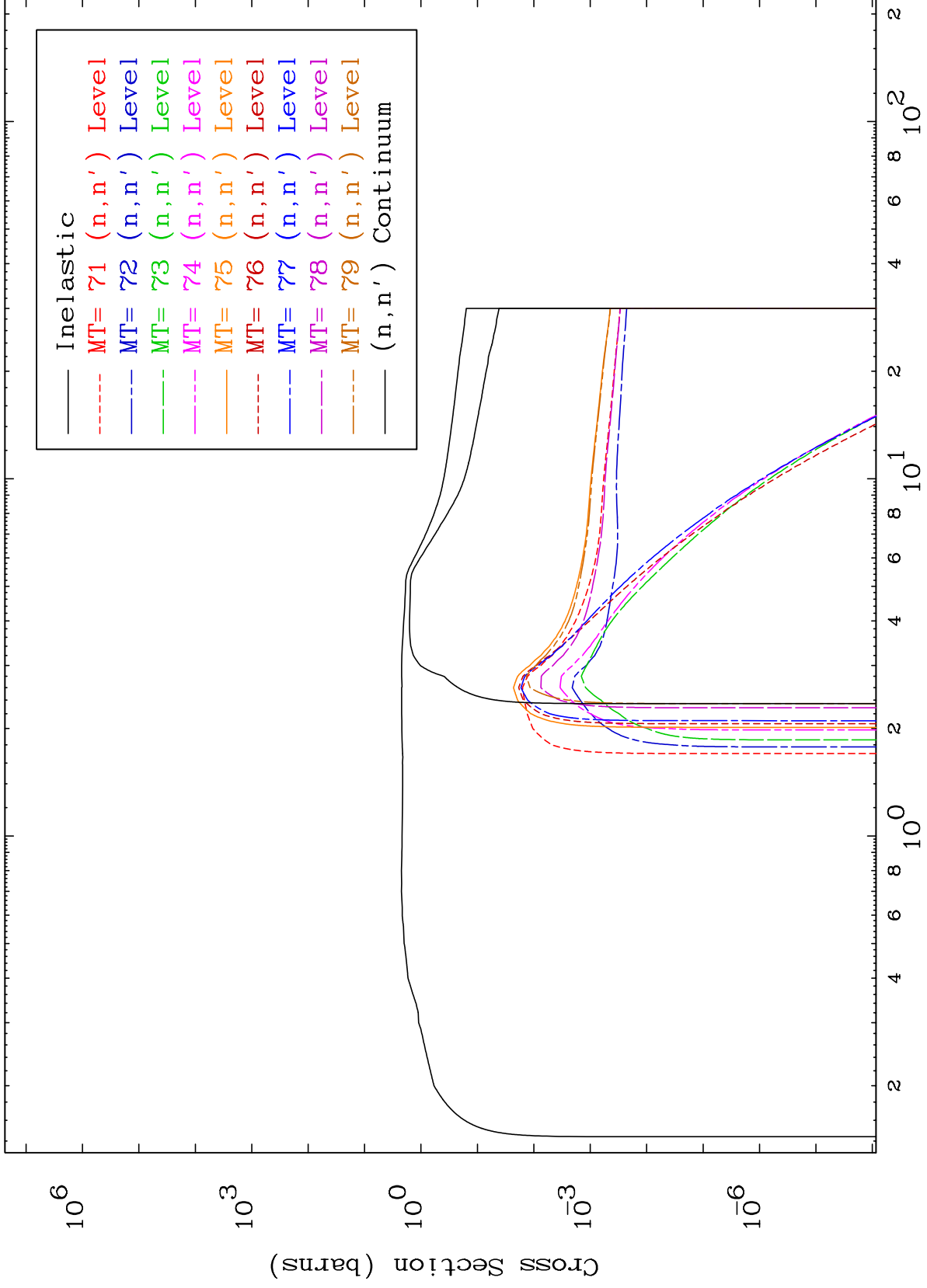
293 Kelvin Cross Sections



MAT 3746

(n,n') Levels
293 Kelvin Cross Sections

37-Rb-92



10

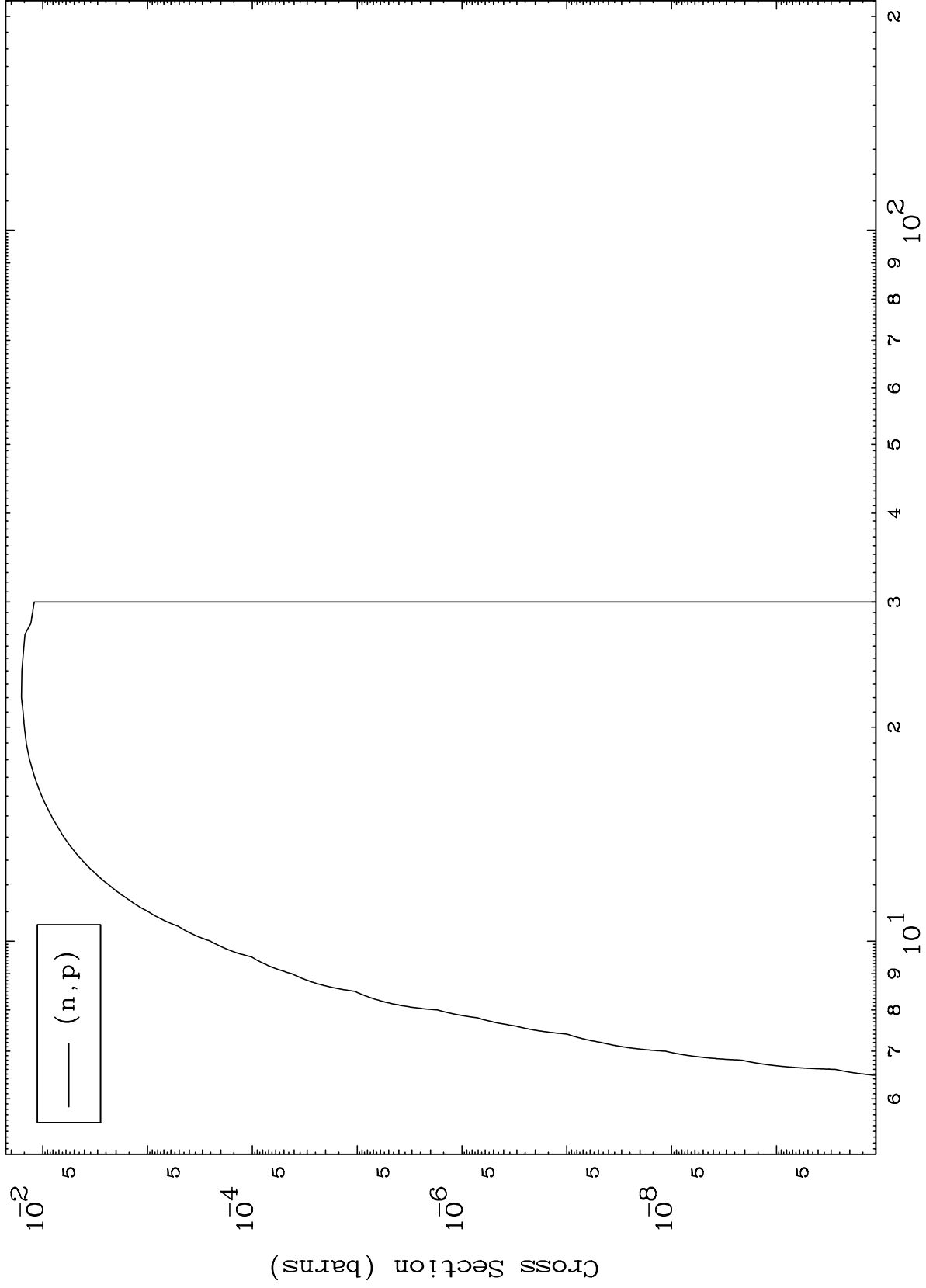
Incident Energy (MeV)

37-Rb-92

MAT 3746

(n,p) Levels
293 Kelvin Cross Sections

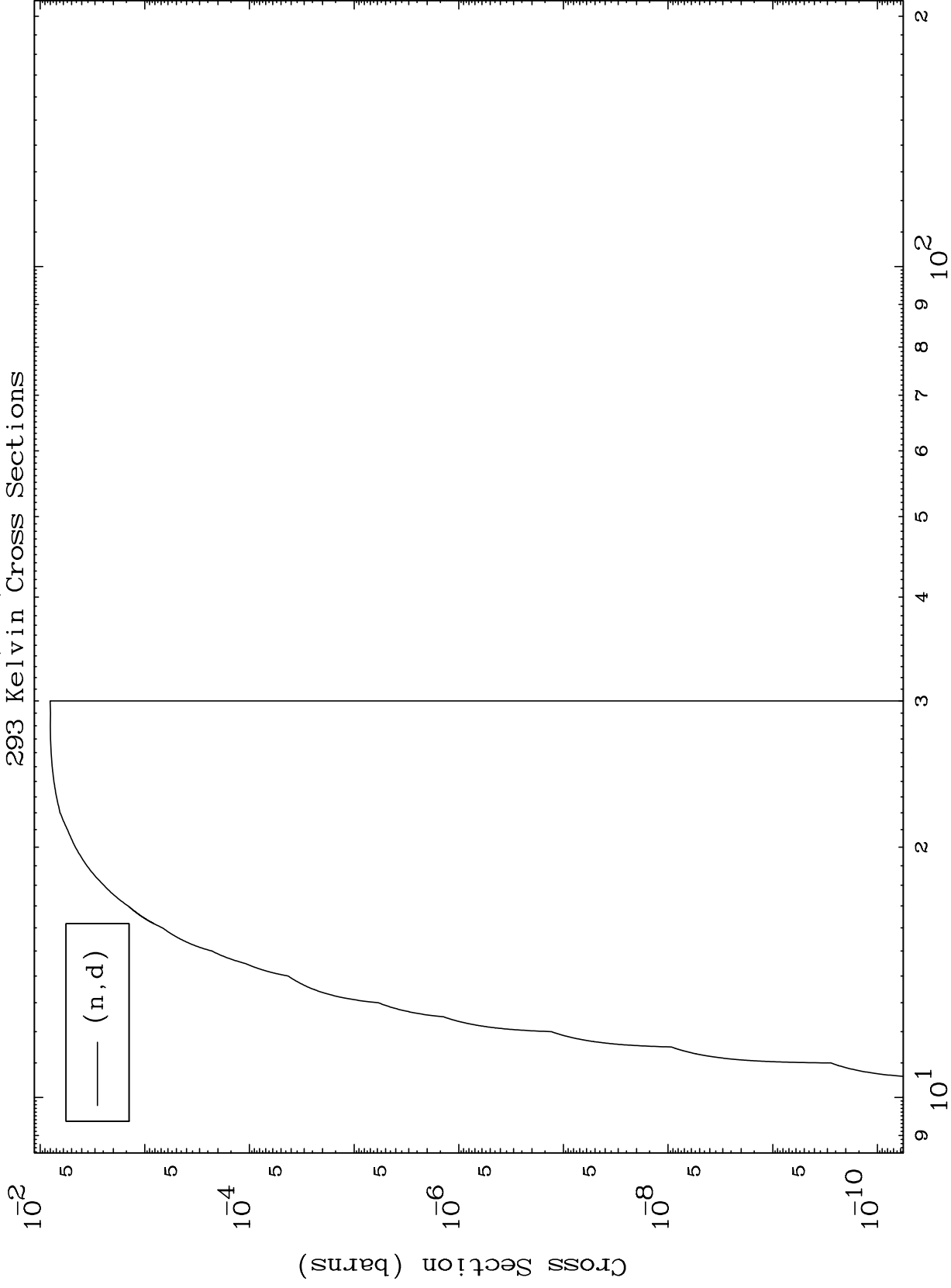
37-Rb-92



MAT 3746

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-92



12

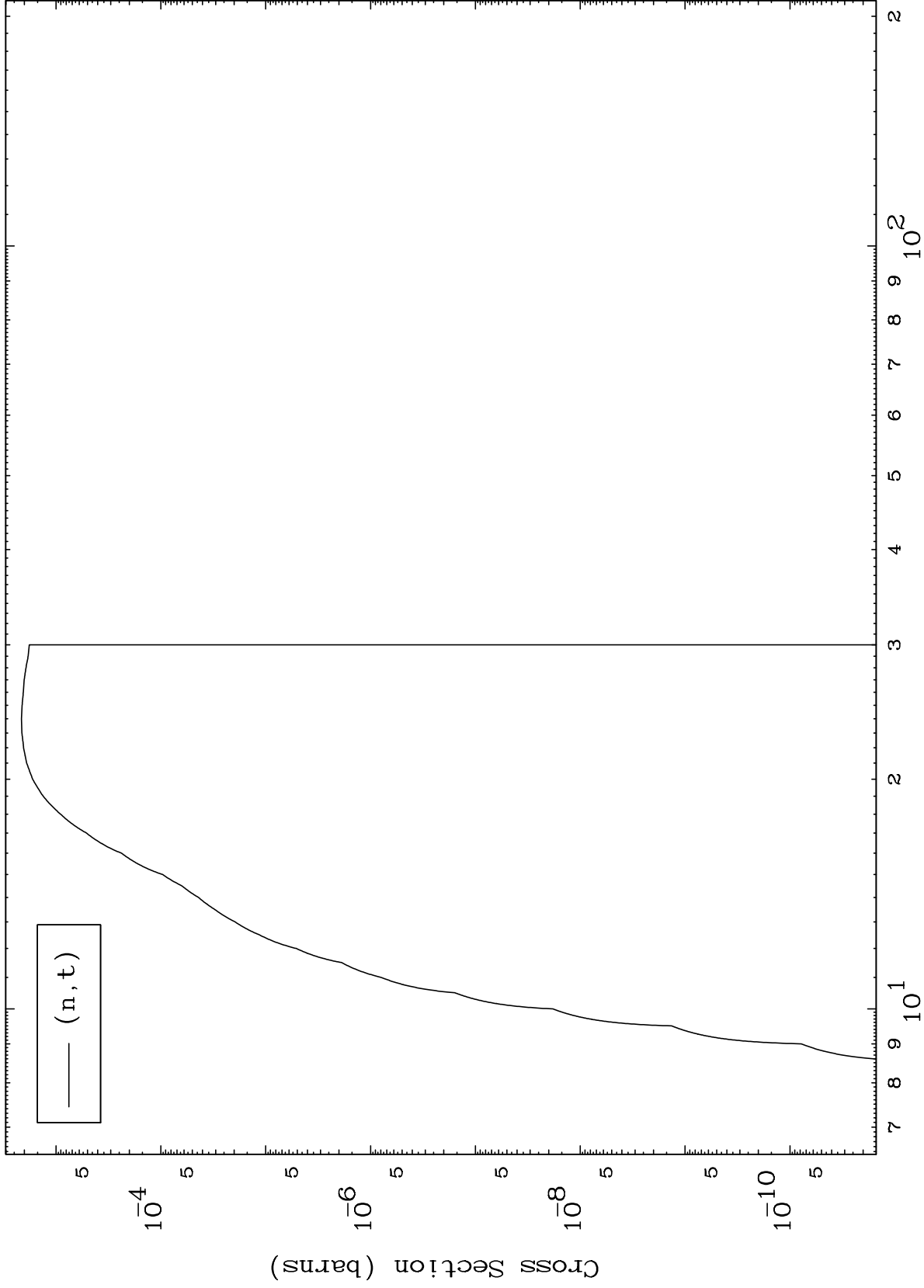
Incident Energy (MeV)

37-Rb-92

MAT 3746

(n,t) Levels
293 Kelvin Cross Sections

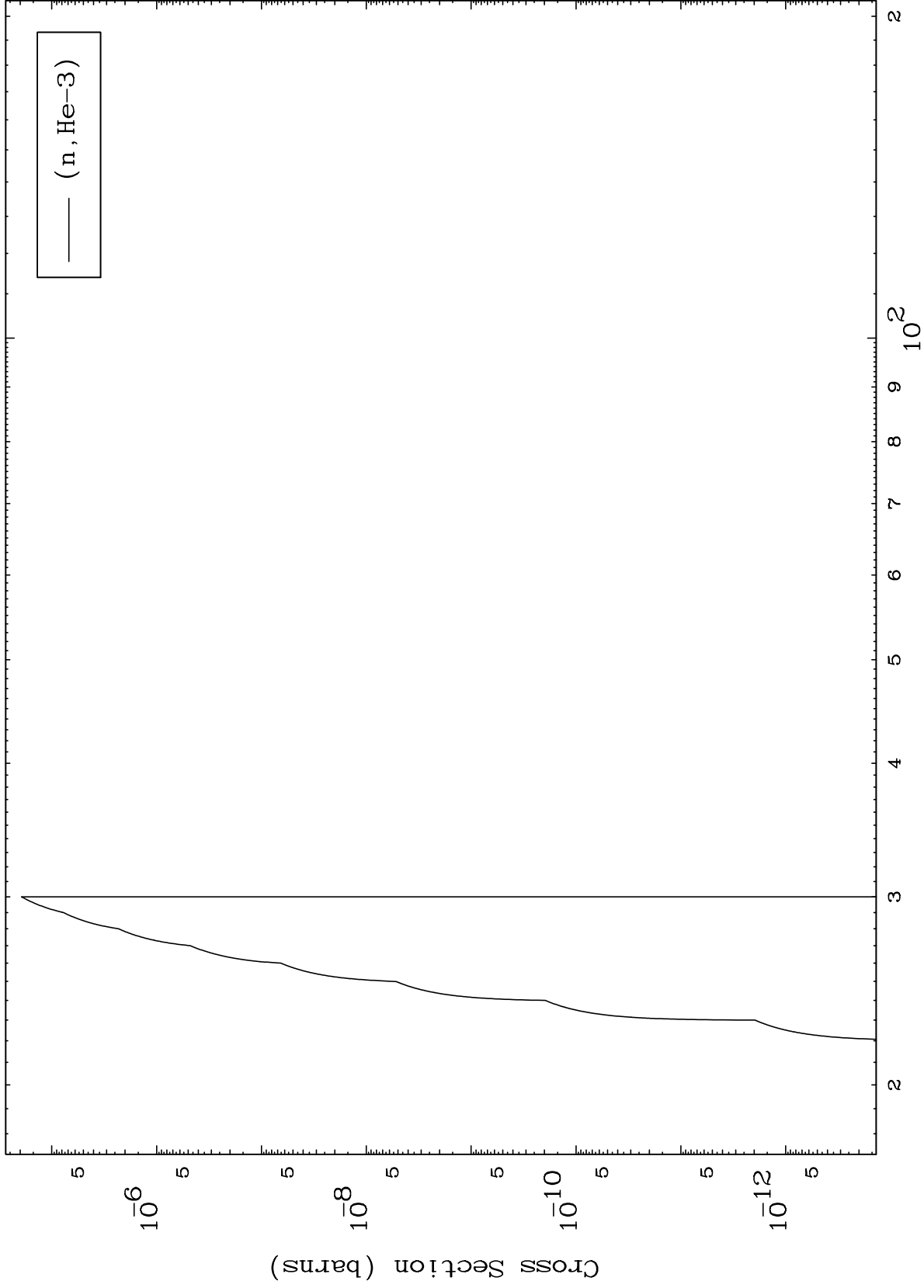
37-Rb-92



13

Incident Energy (MeV)

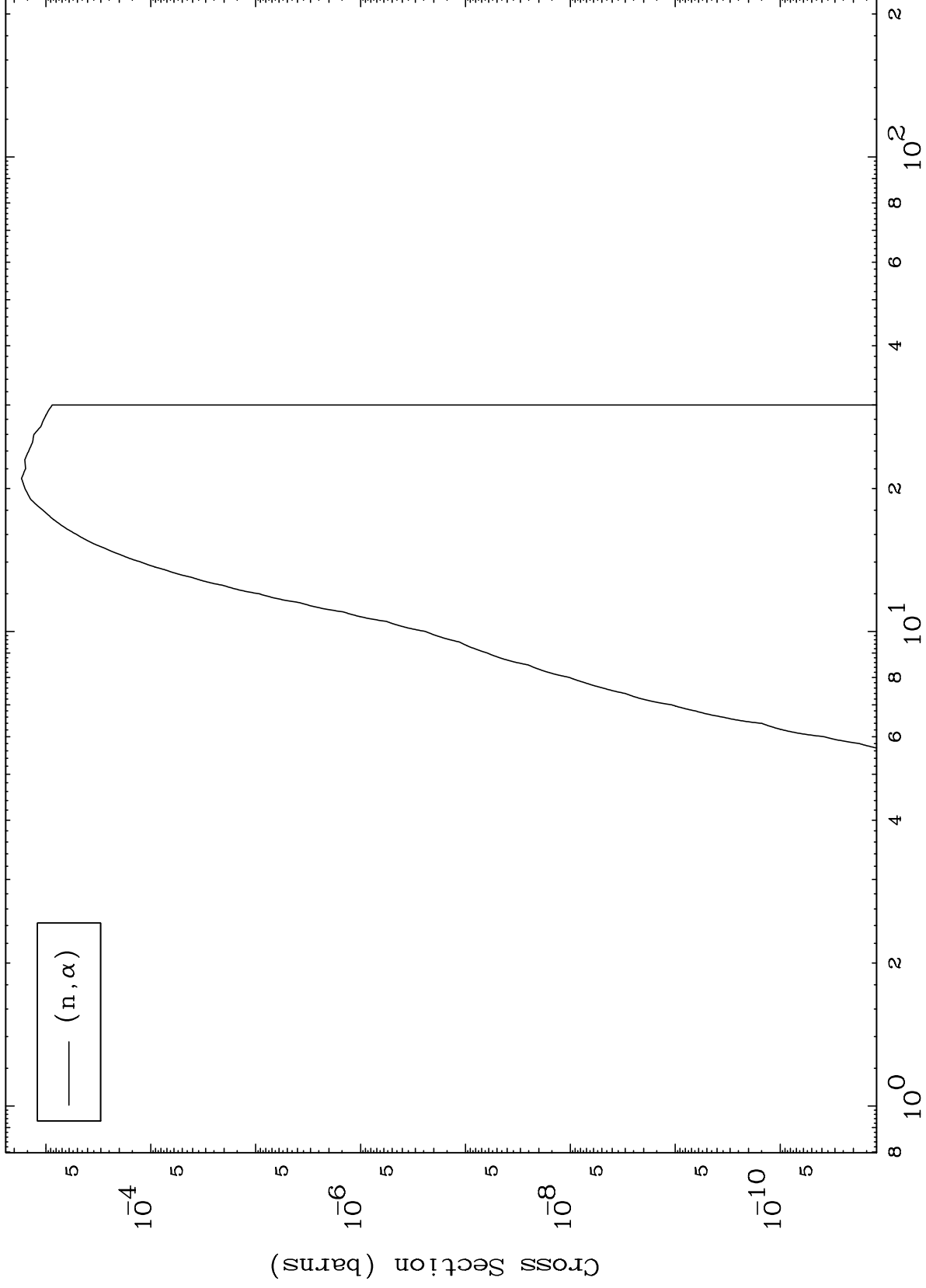
37-Rb-92



MAT 3746

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-92



15

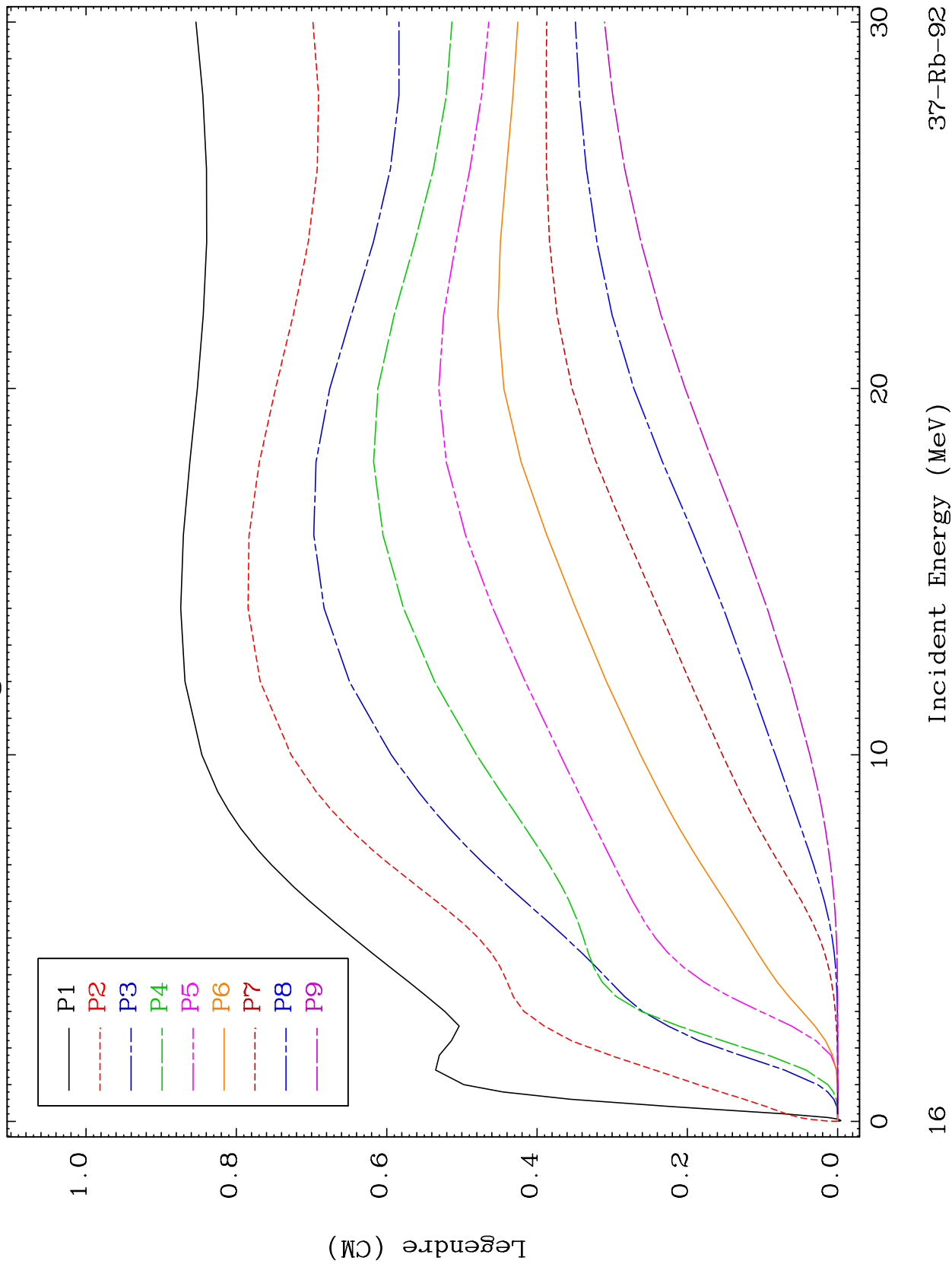
Incident Energy (MeV)

37-Rb-92

MAT 3746

Elastic Legendre Coefficients

³⁷Rb-92



16

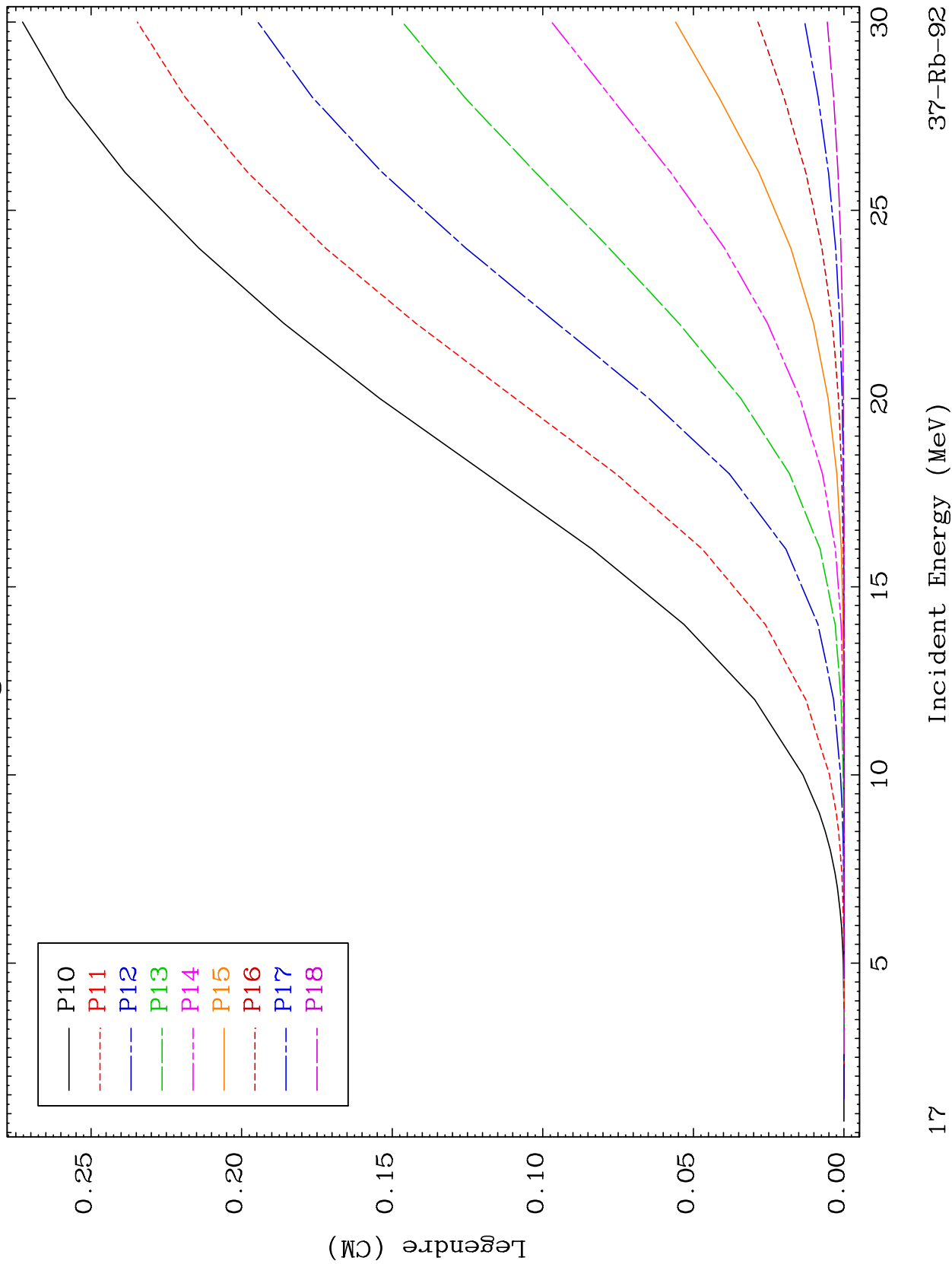
Incident Energy (MeV)

³⁷Rb-92

MAT 3746

Elastic Legendre Coefficients

³⁷Rb-92



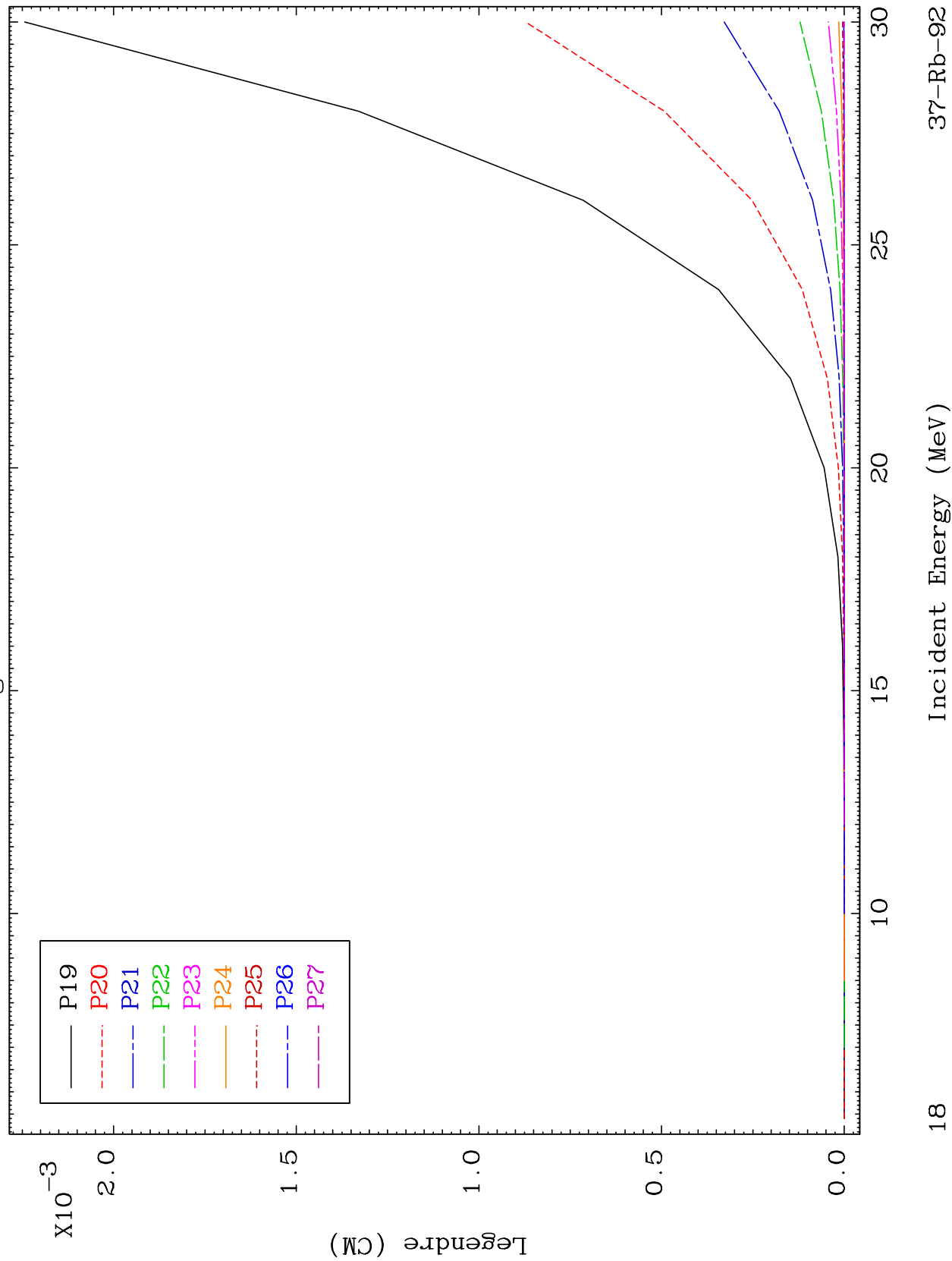
17

³⁷Rb-92

MAT 3746

Elastic Legendre Coefficients

37-Rb-92



18

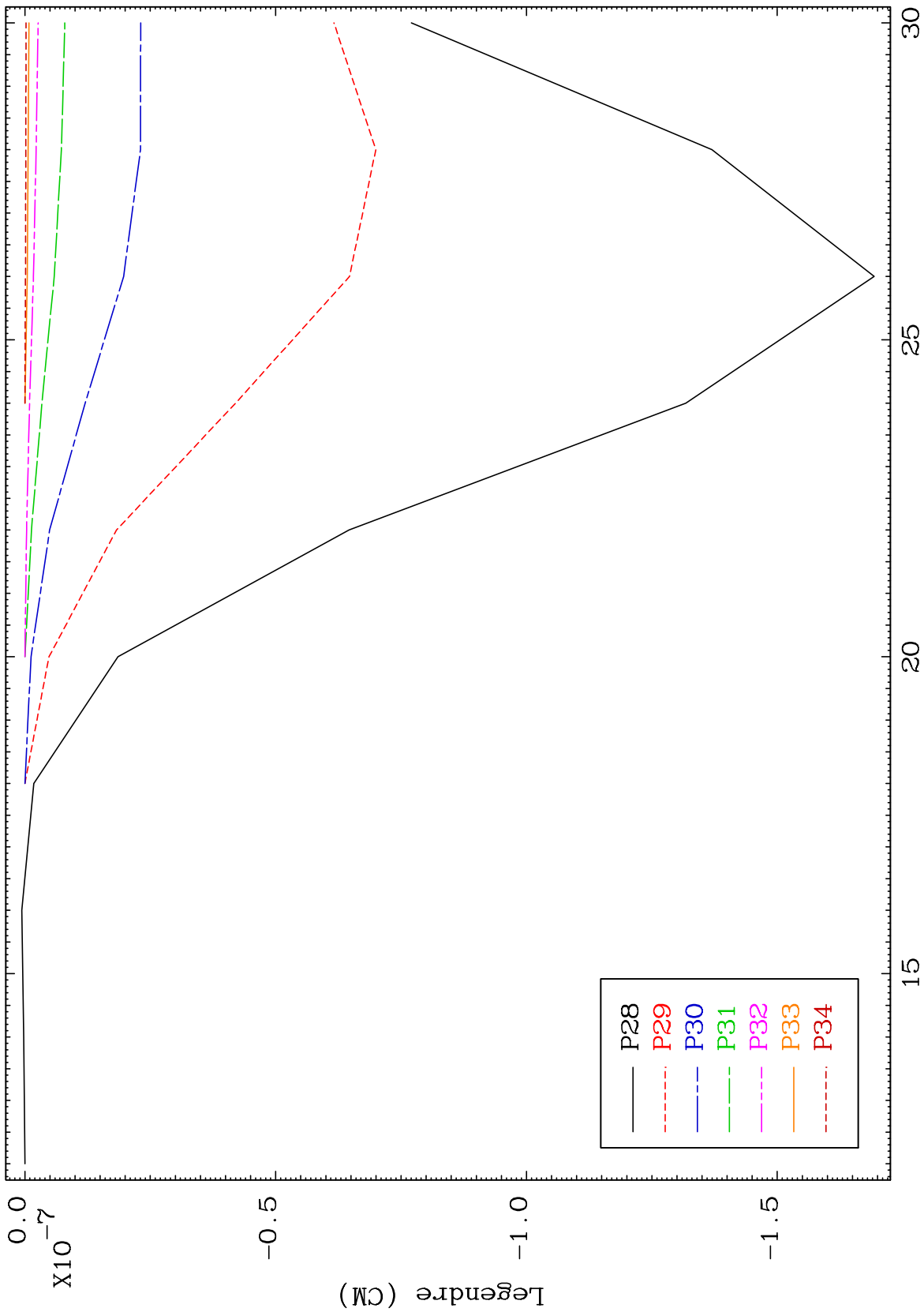
Incident Energy (MeV)

37-Rb-92

MAT 3746

37-Rb-92

Elastic Legendre Coefficients



19

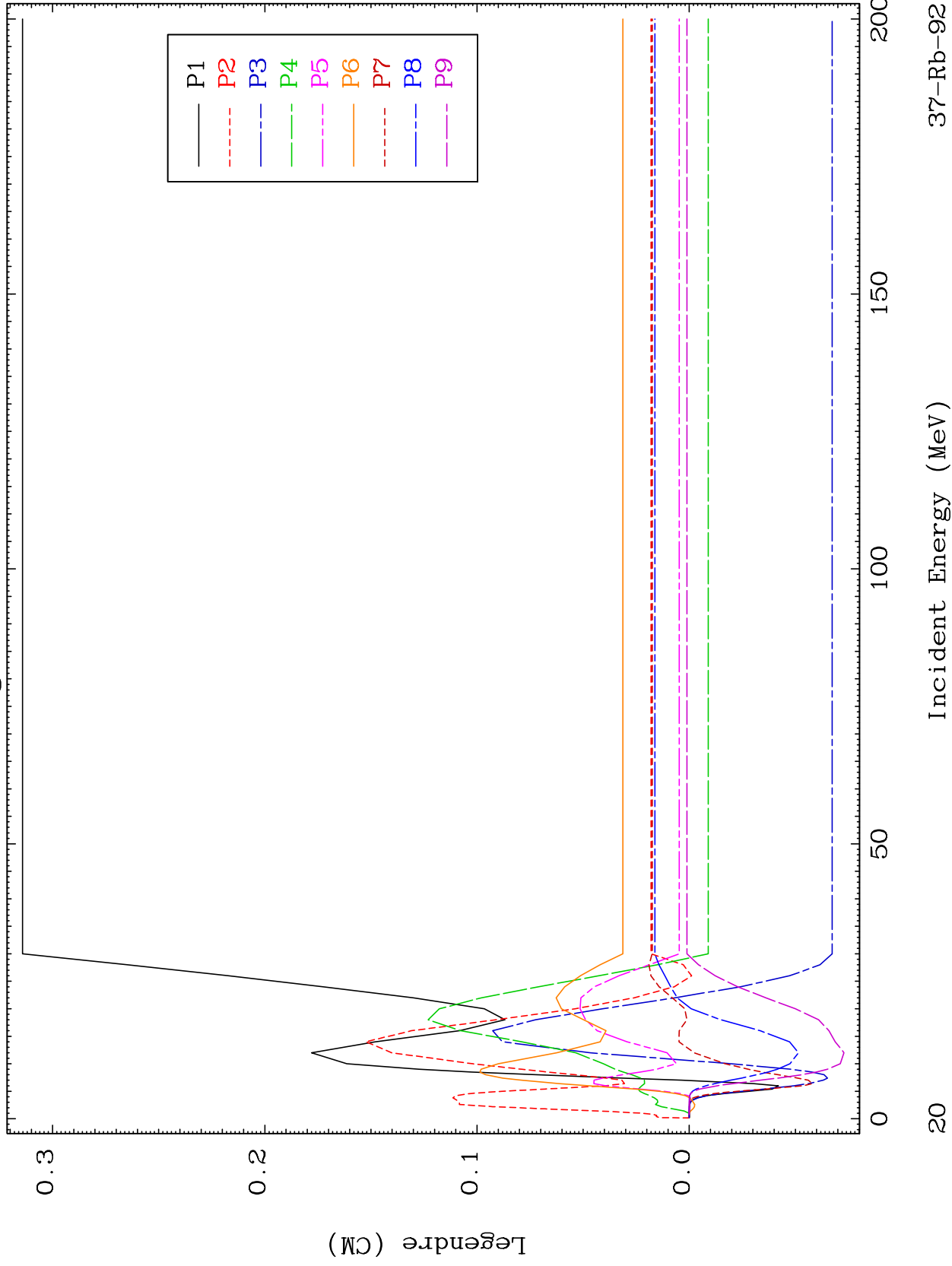
Incident Energy (MeV)

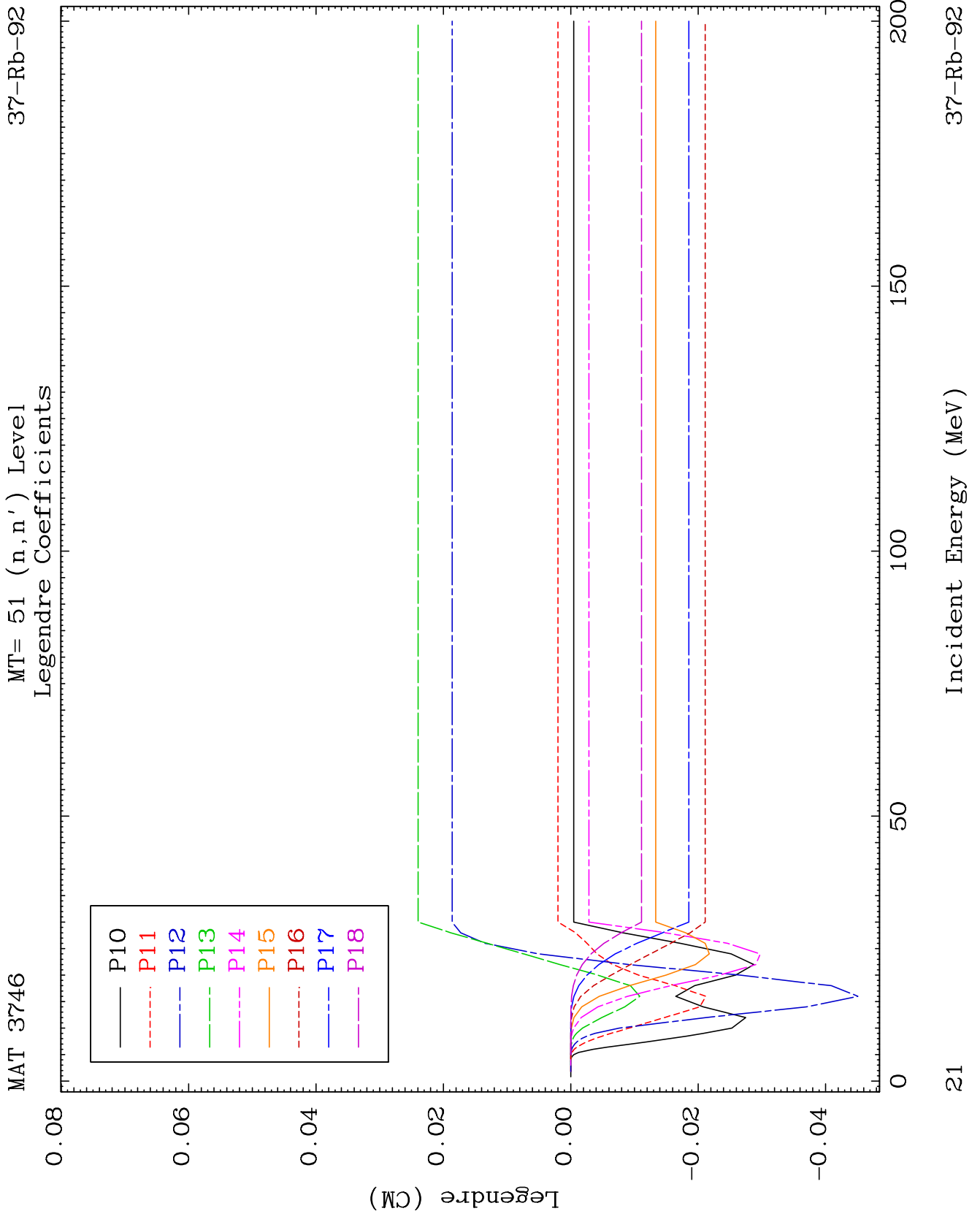
37-Rb-92

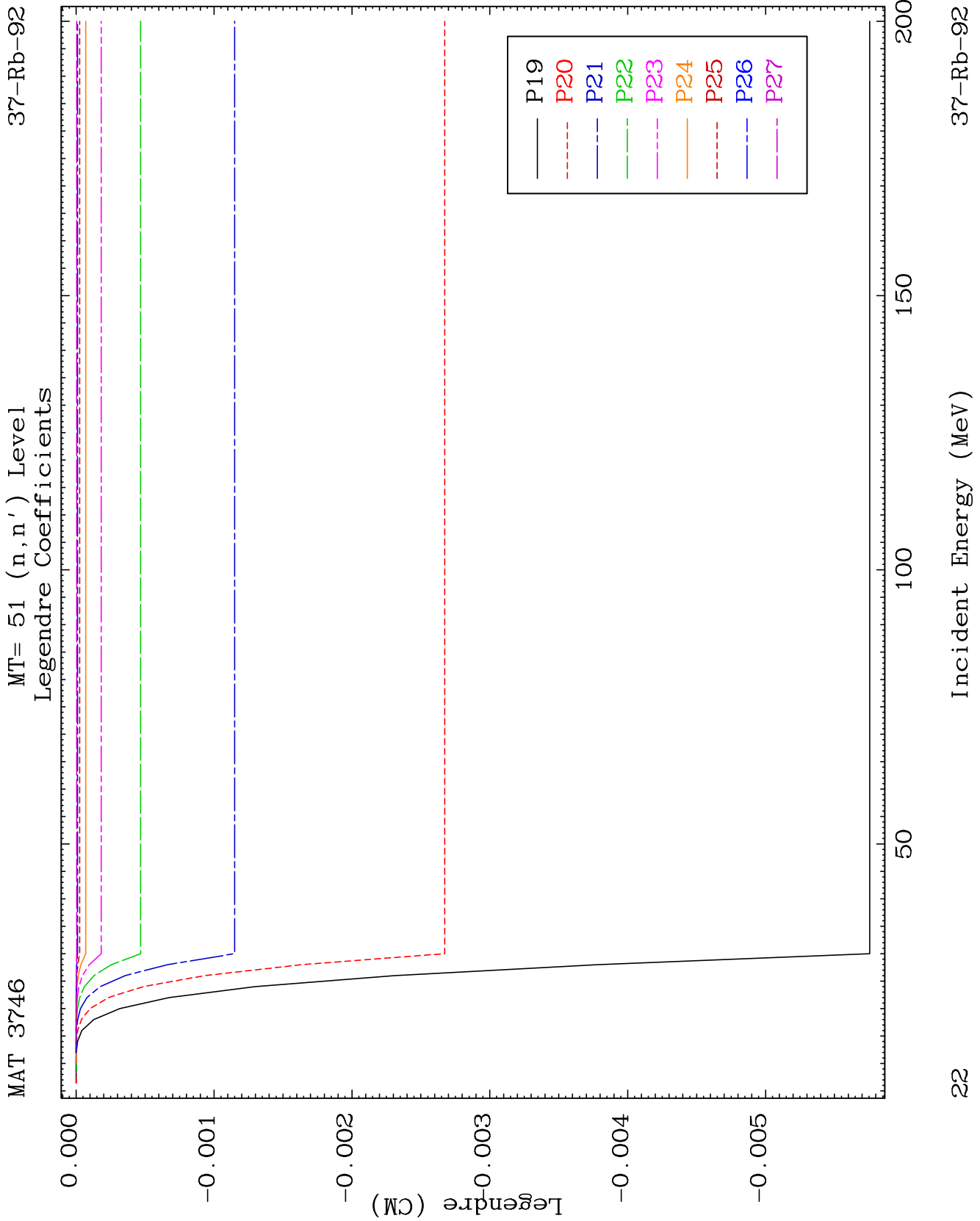
MAT 3746

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

37-Rb-92





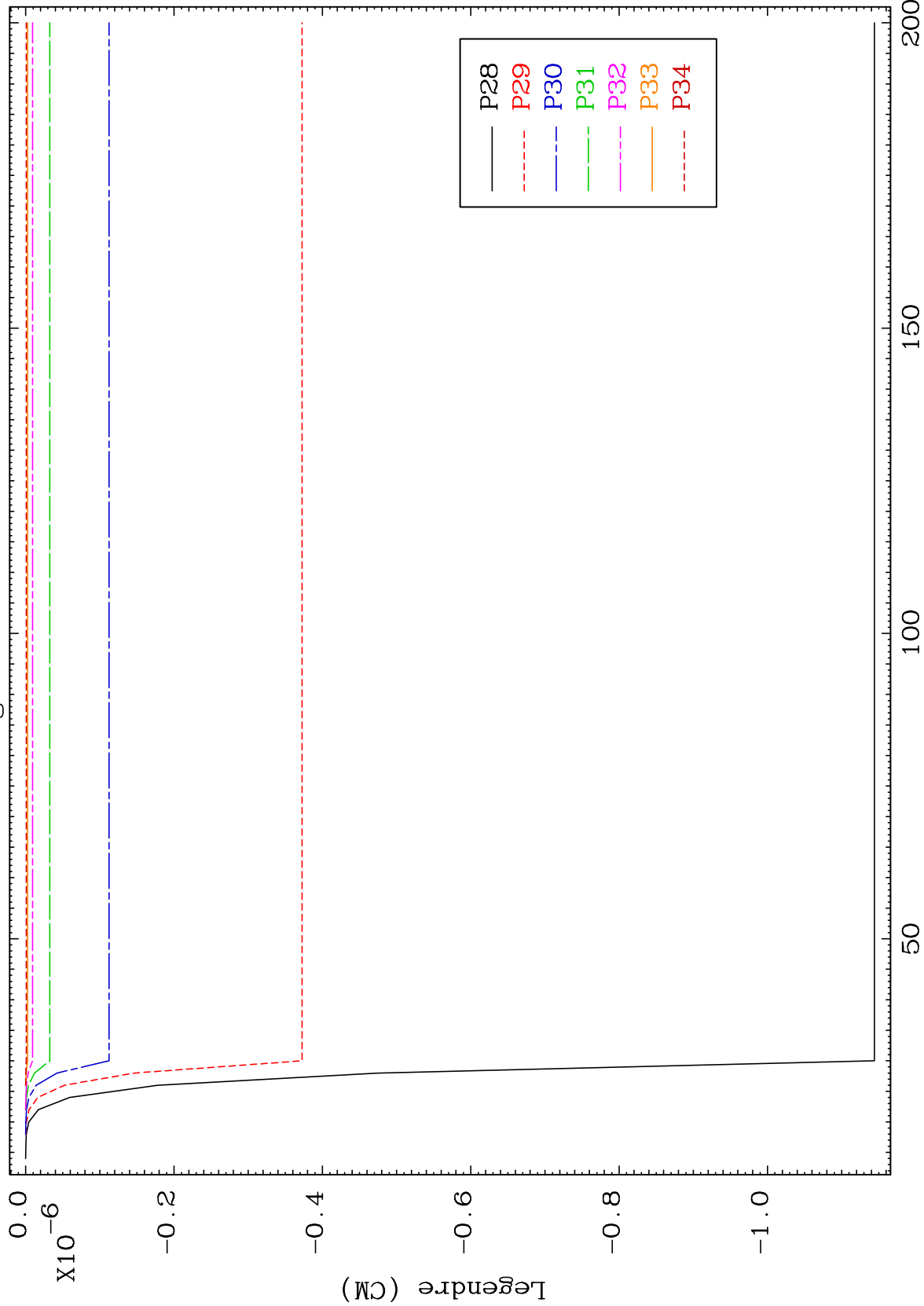


MAT 3746

MT= 51 (n,n') Level

37-Rb-92

Legendre Coefficients



37-Rb-92

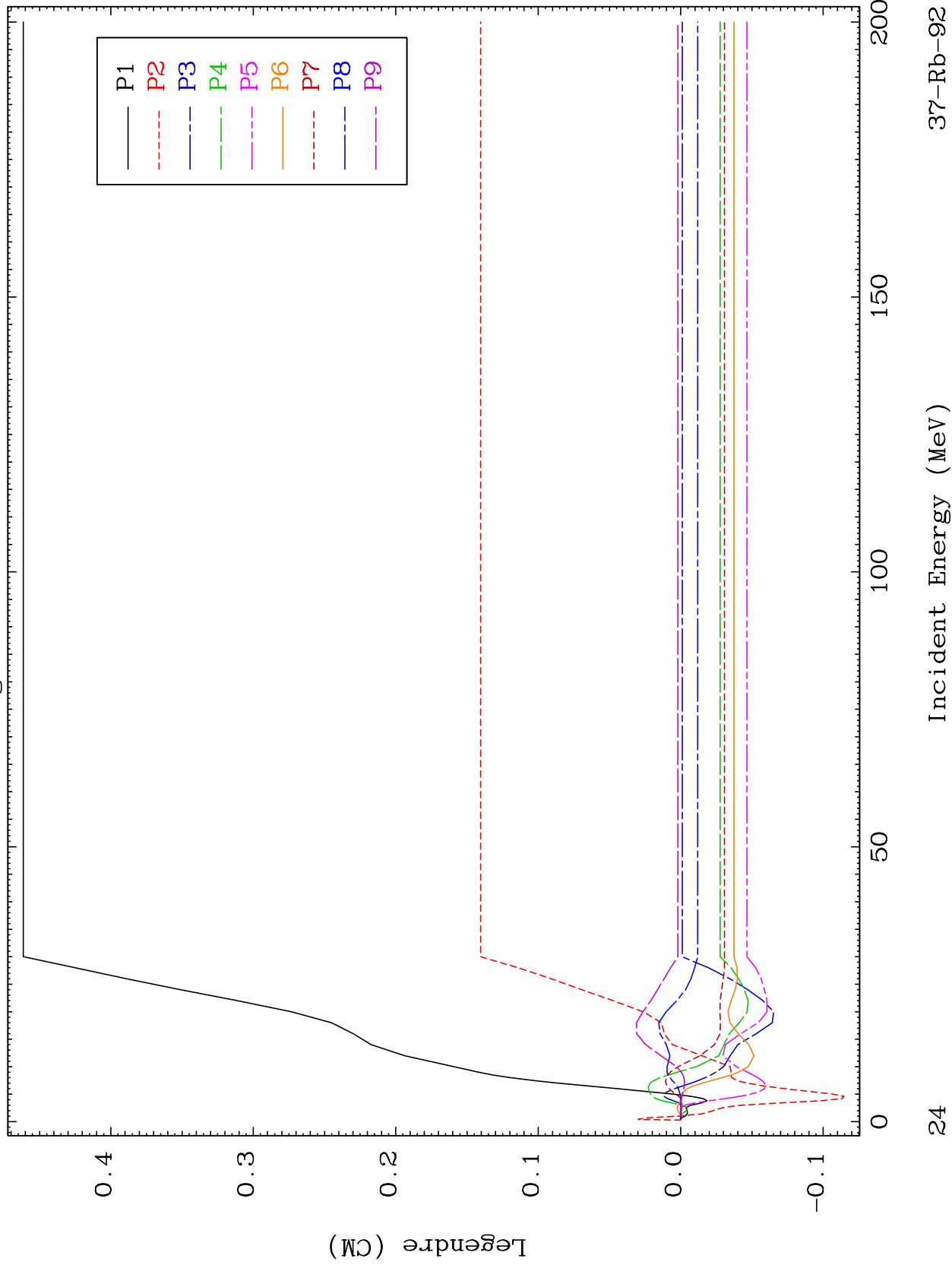
Incident Energy (MeV)

23

MAT 3746

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

37-Rb-92



37-Rb-92

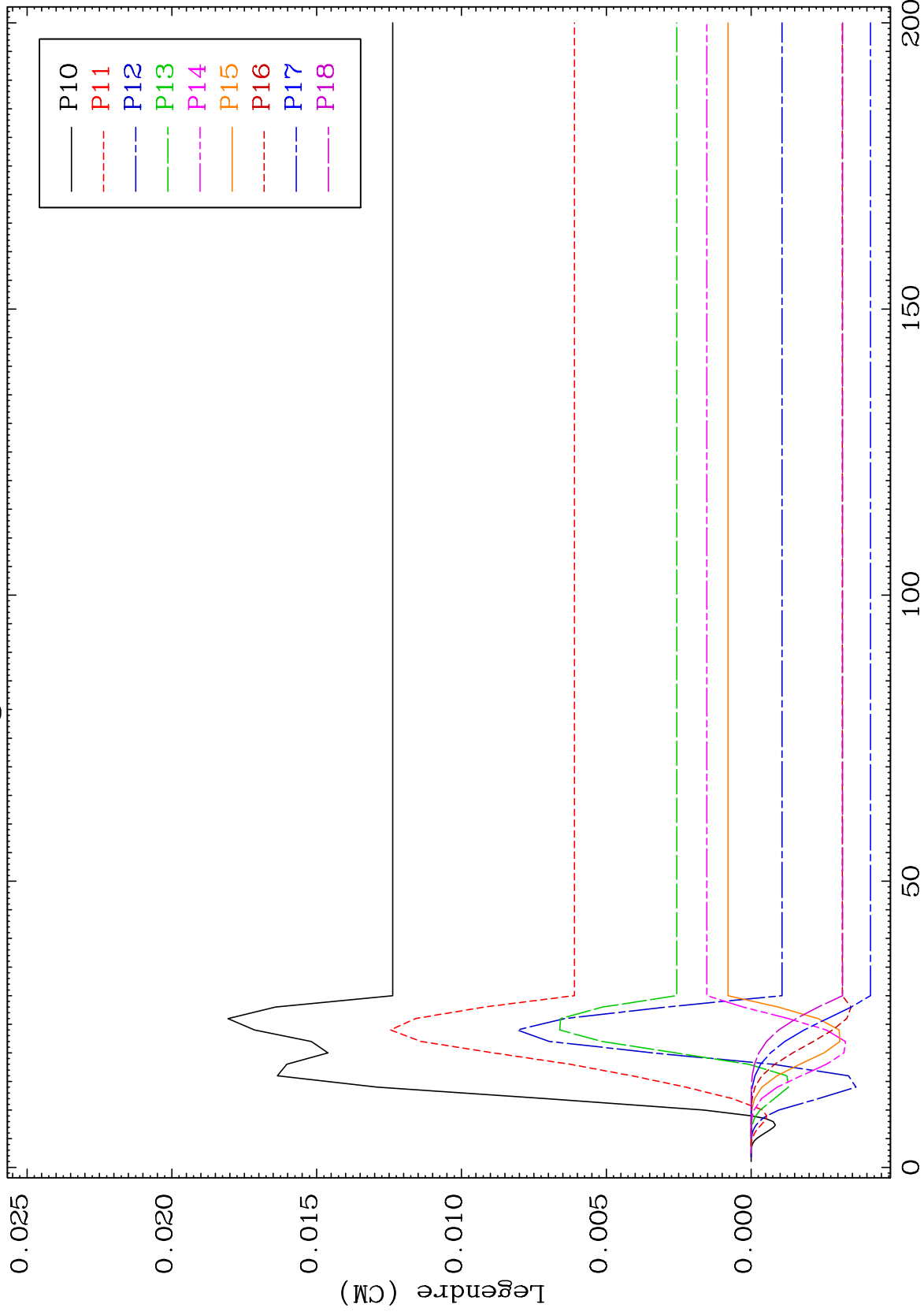
Incident Energy (MeV)

24

MAT 3746

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

37-Rb-92



25

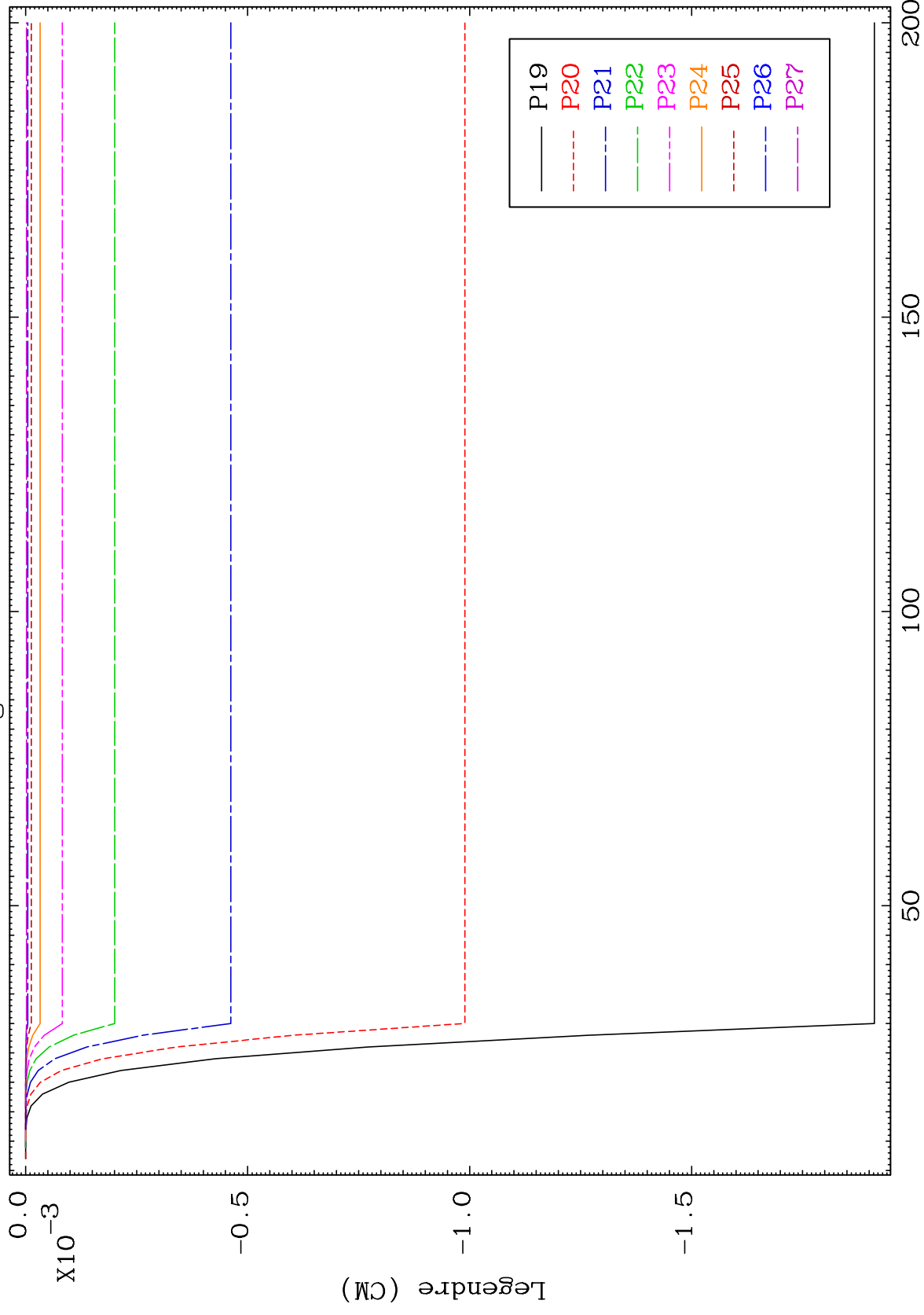
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

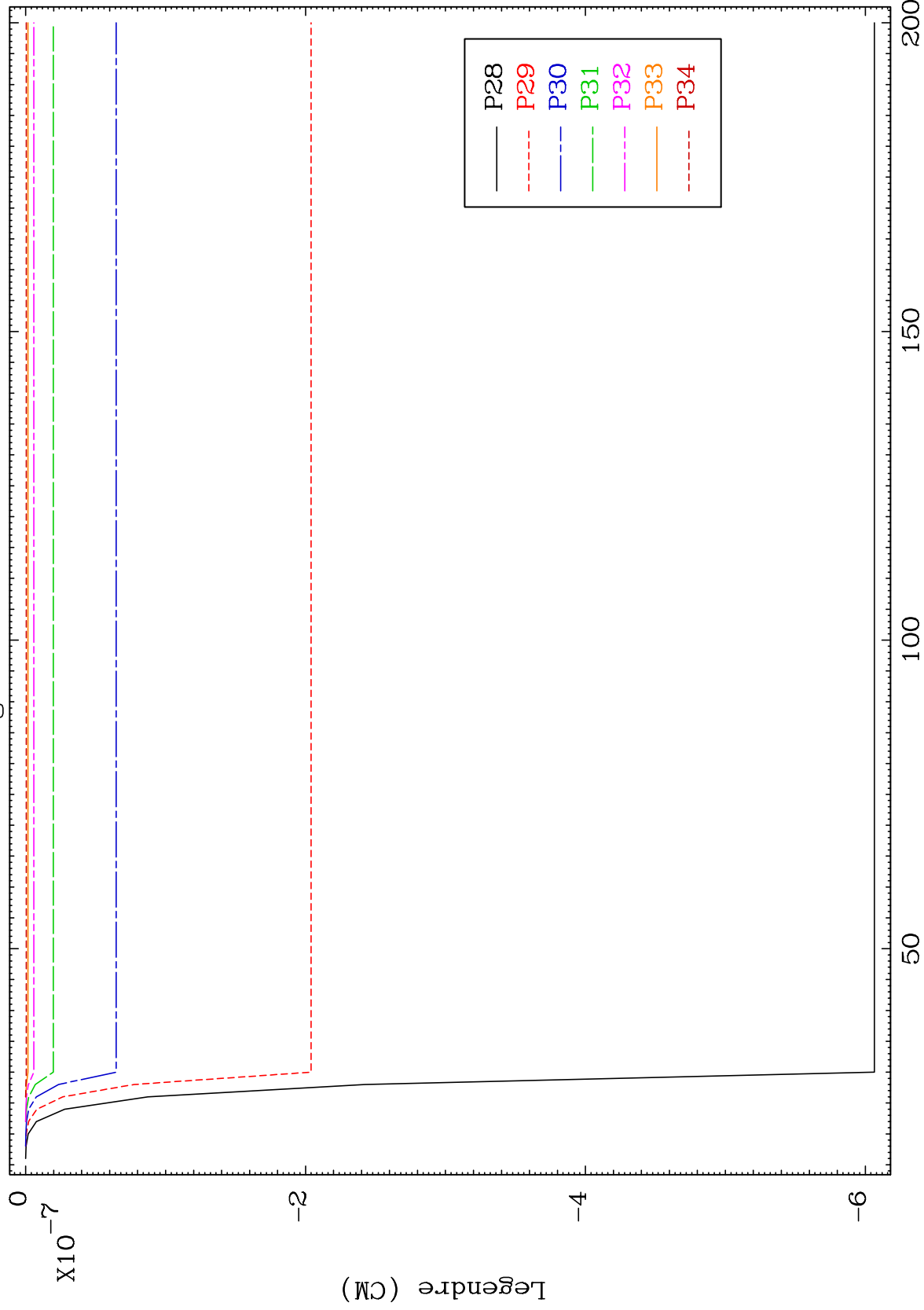
37-Rb-92



MAT 3746

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

37-Rb-92



27

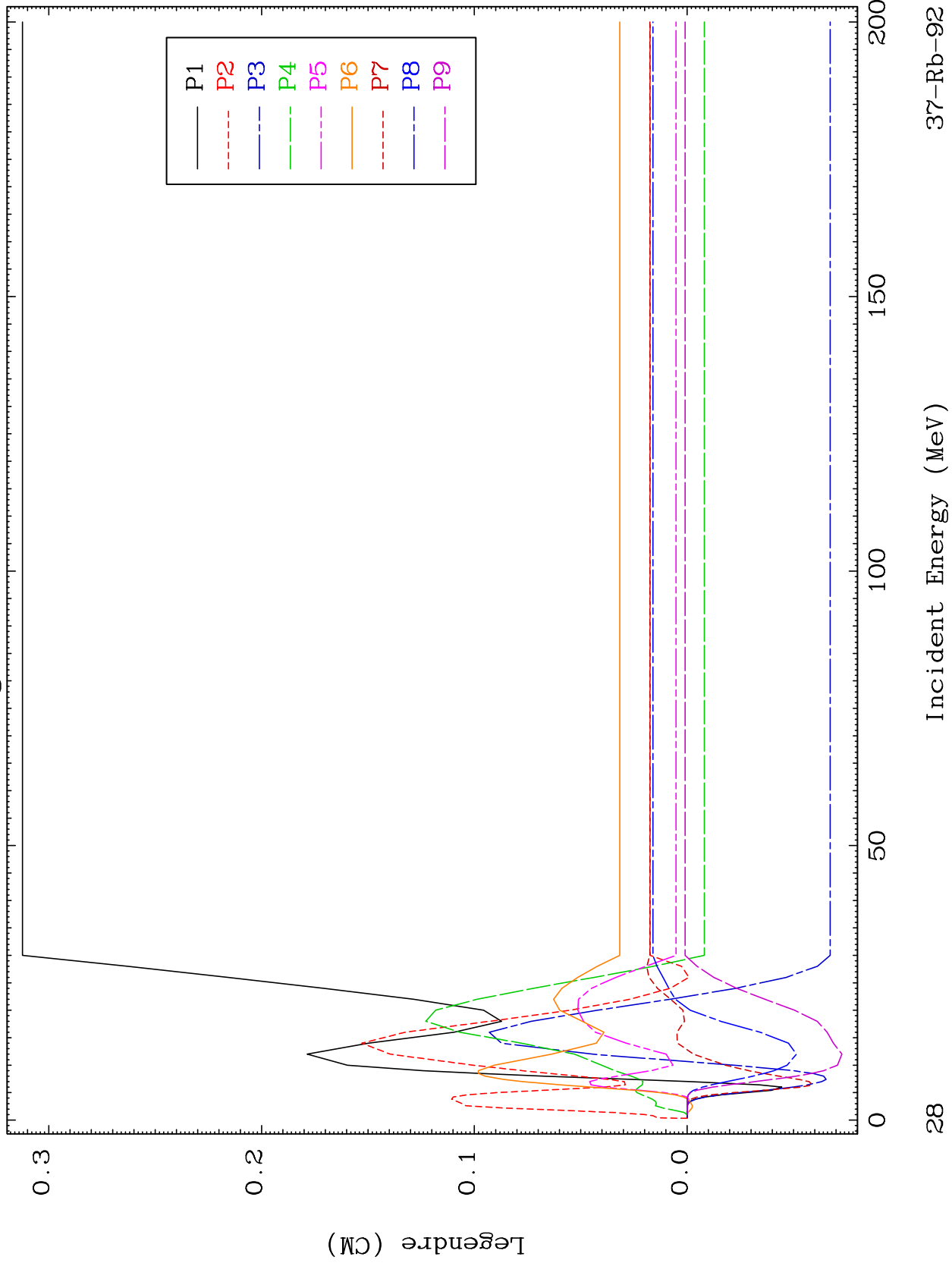
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



37-Rb-92

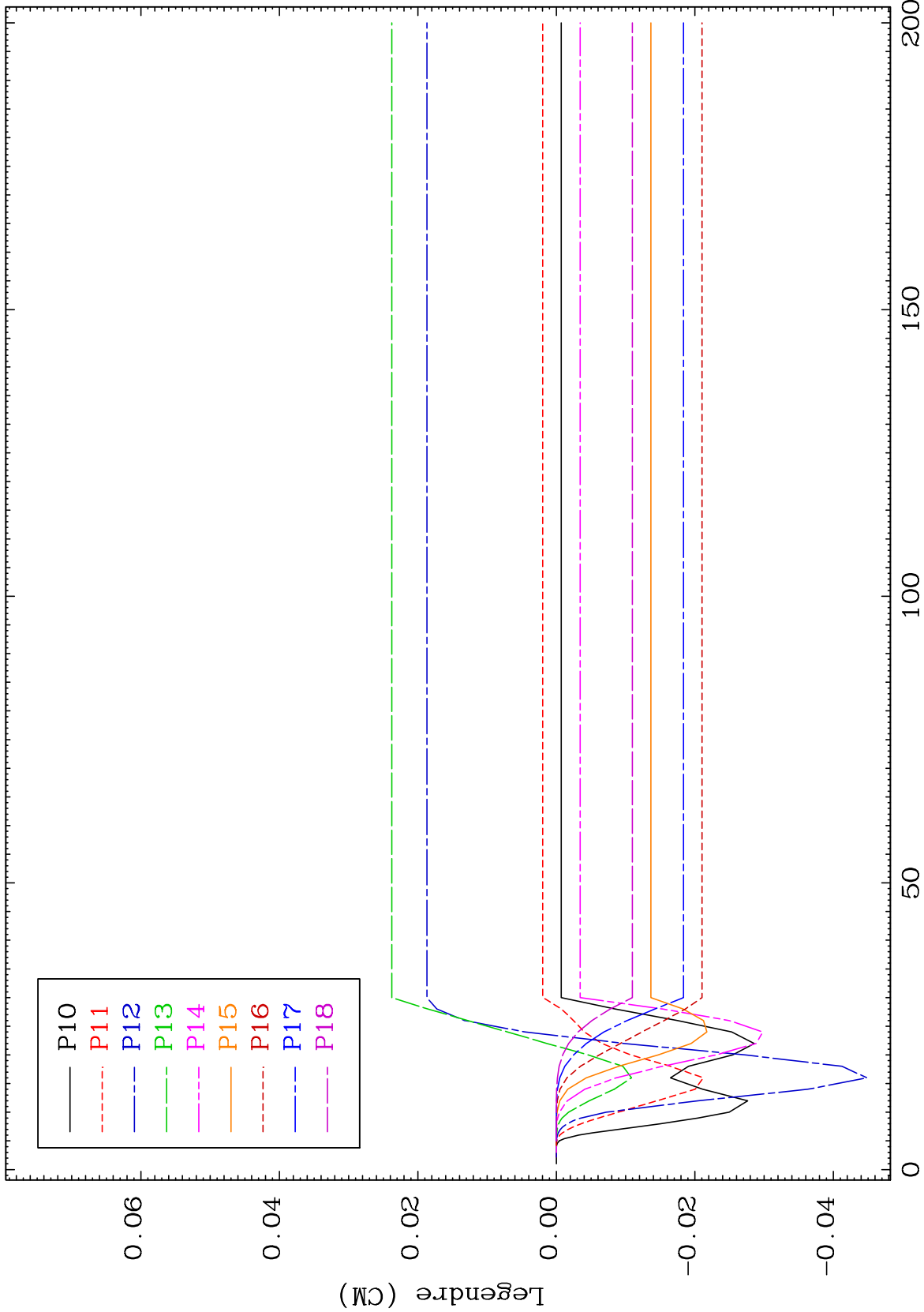
Incident Energy (MeV)

28

MAT 3746

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

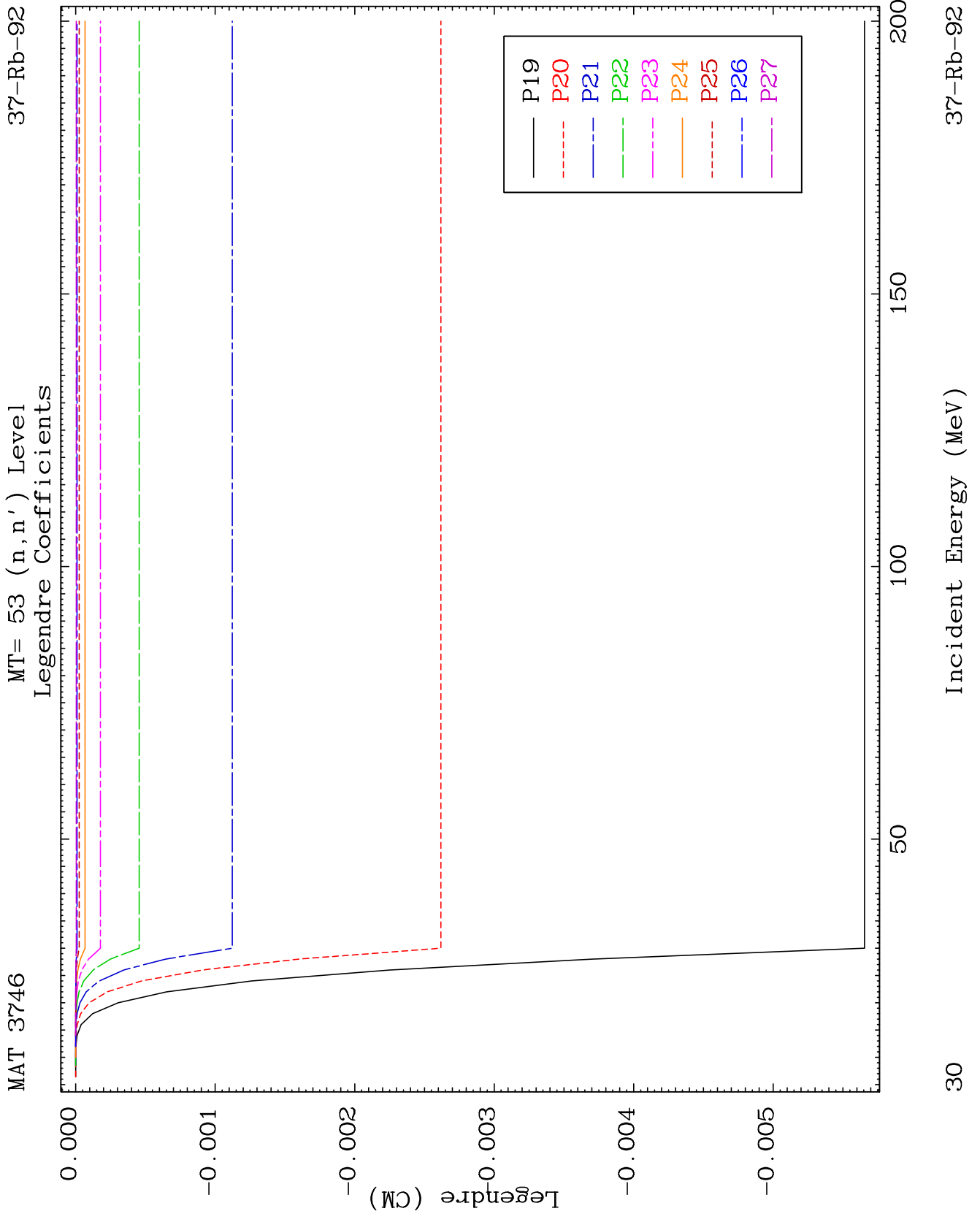
37-Rb-92



29

Incident Energy (MeV)

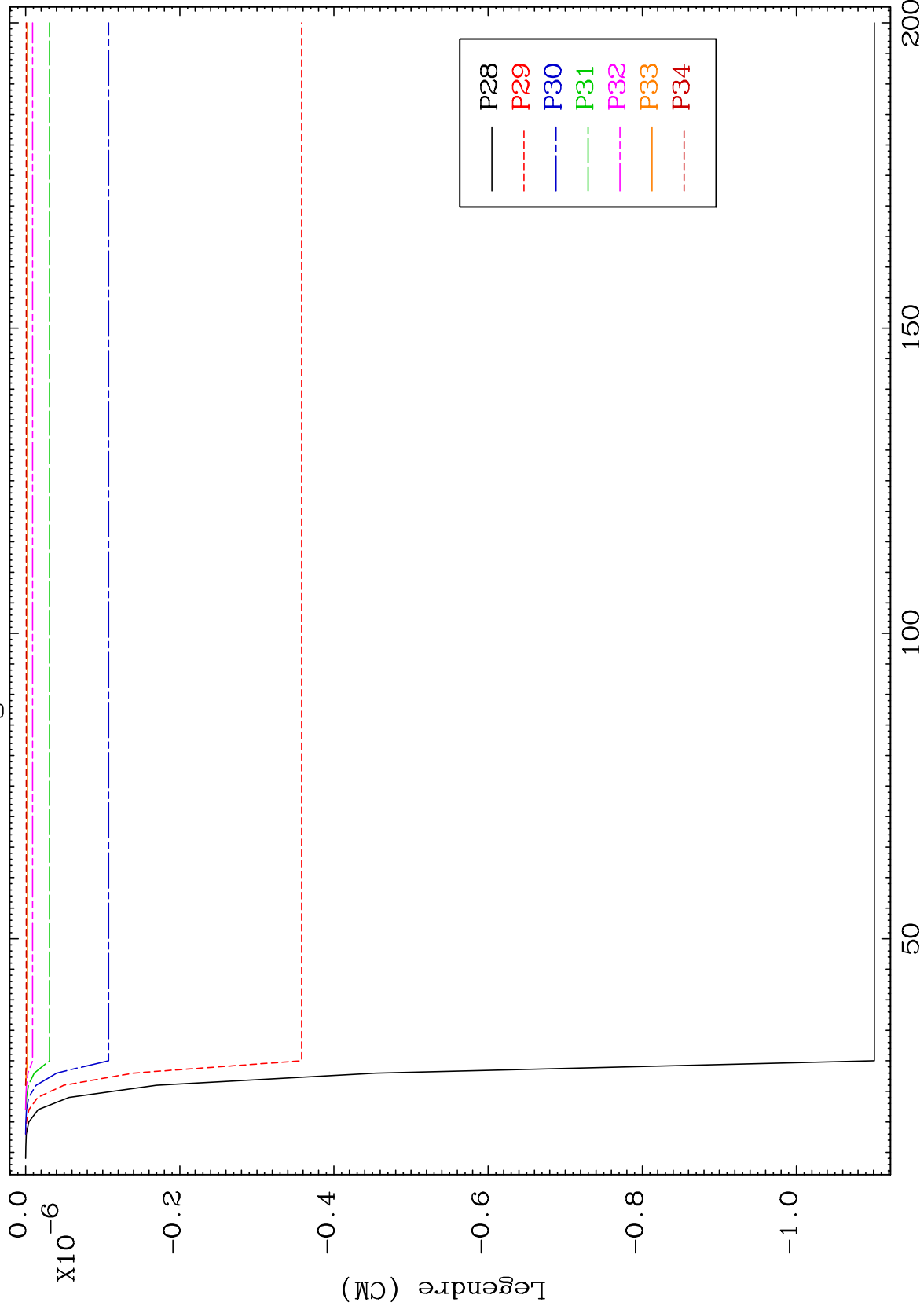
37-Rb-92



MAT 3746

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

37-Rb-92



37-Rb-92

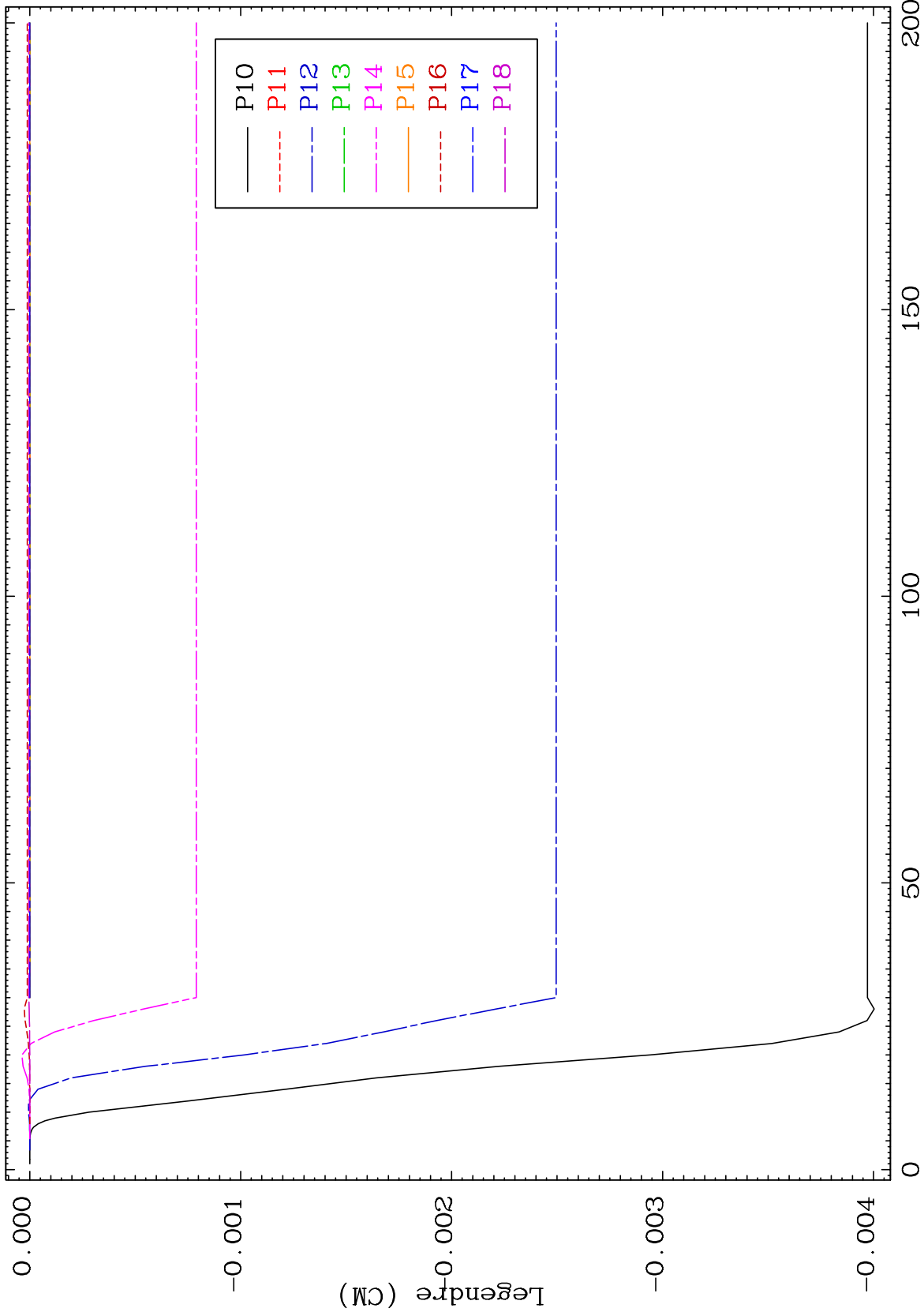
Incident Energy (MeV)

31

MAT 3746

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

37-Rb-92



33

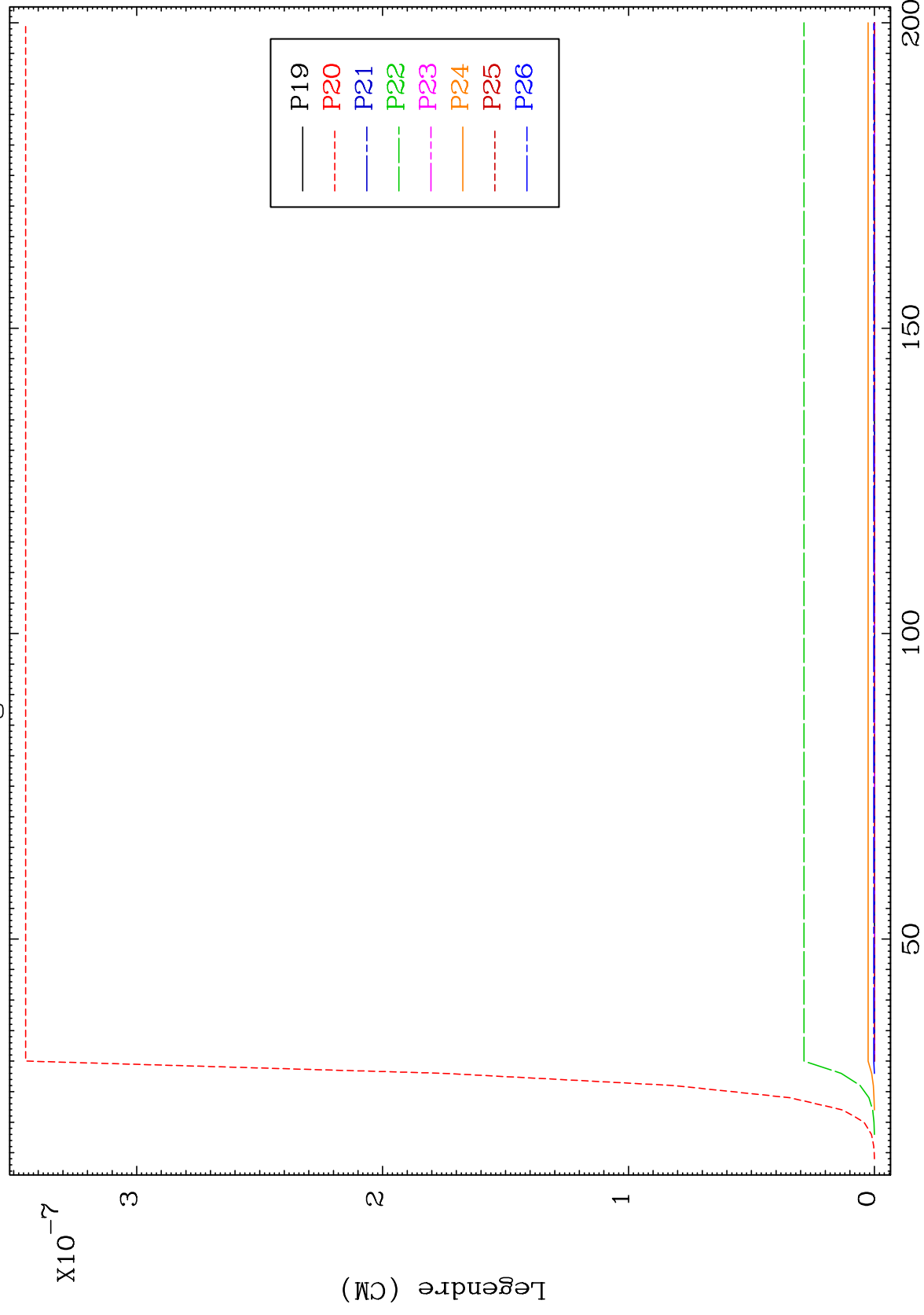
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

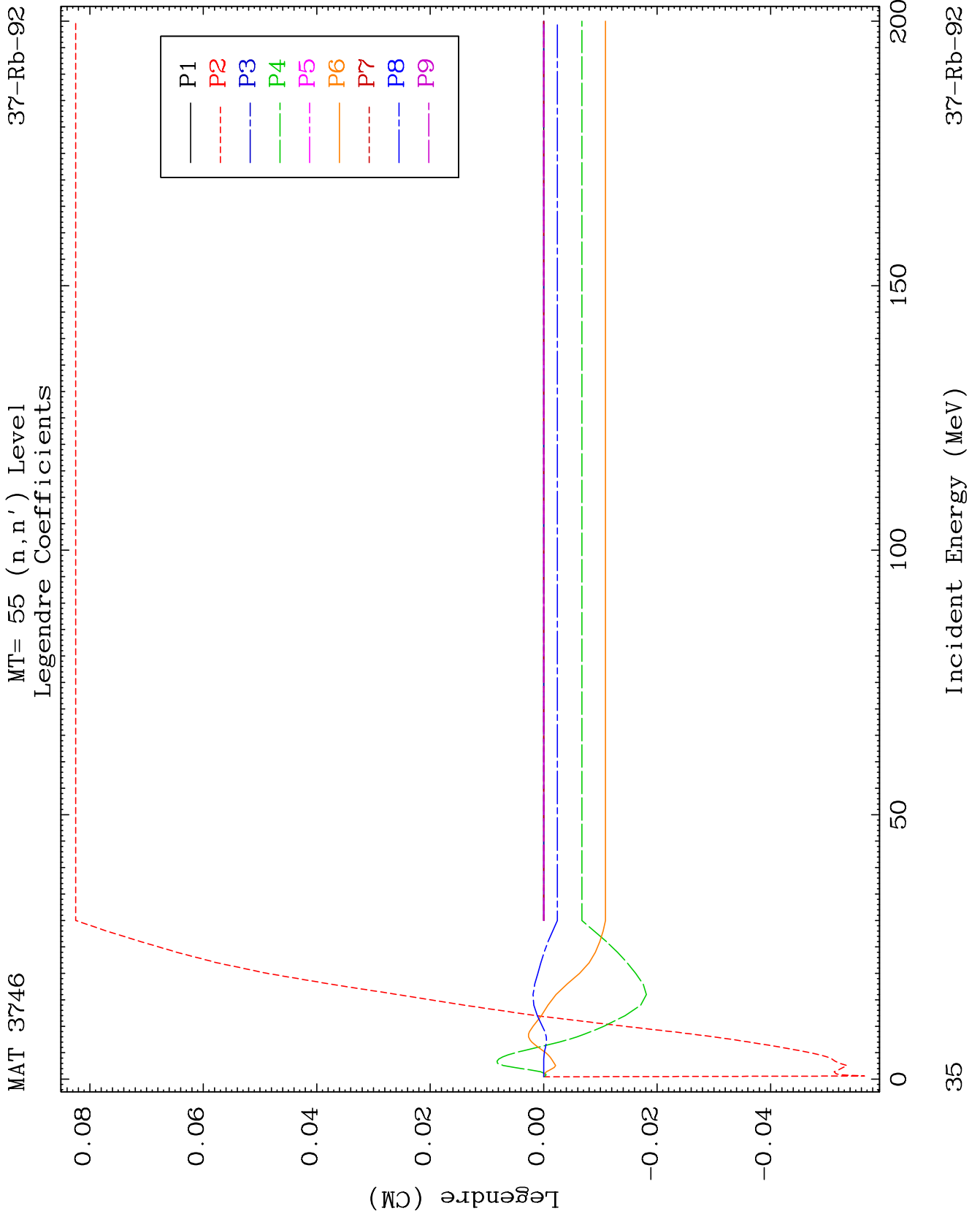
37-Rb-92



37-Rb-92

Incident Energy (MeV)

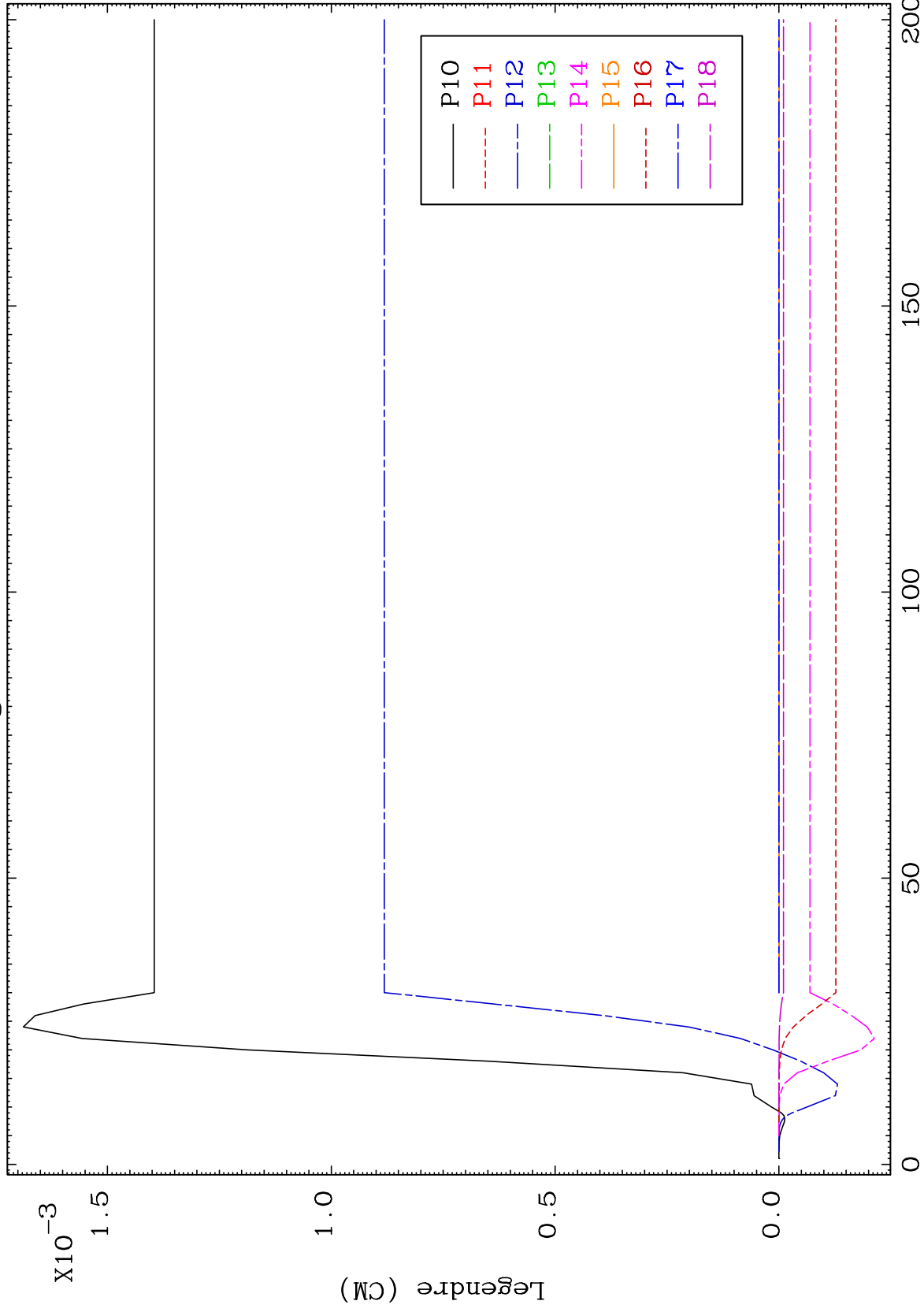
34



MAT 3746

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

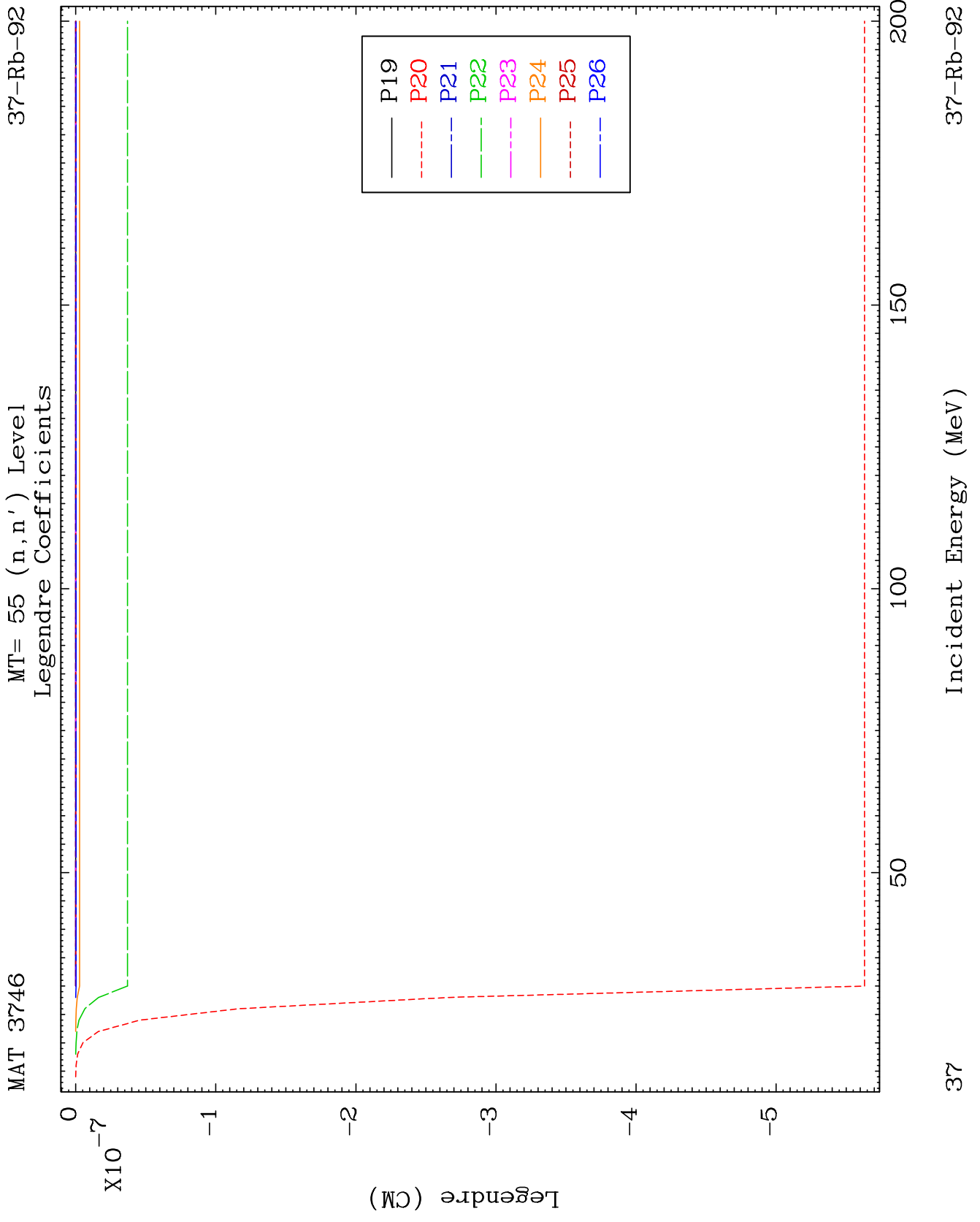
37-Rb-92

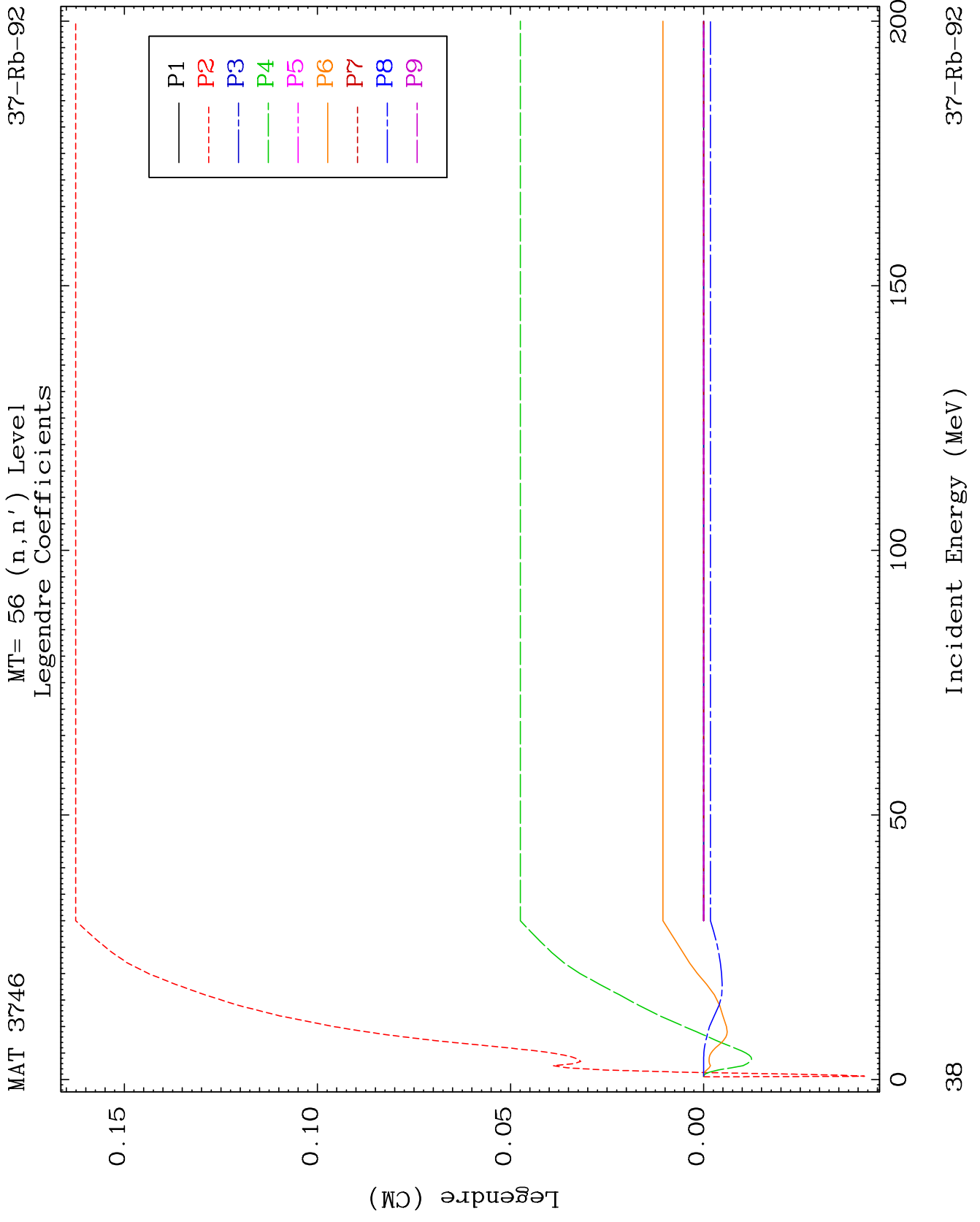


36

Incident Energy (MeV)

37-Rb-92

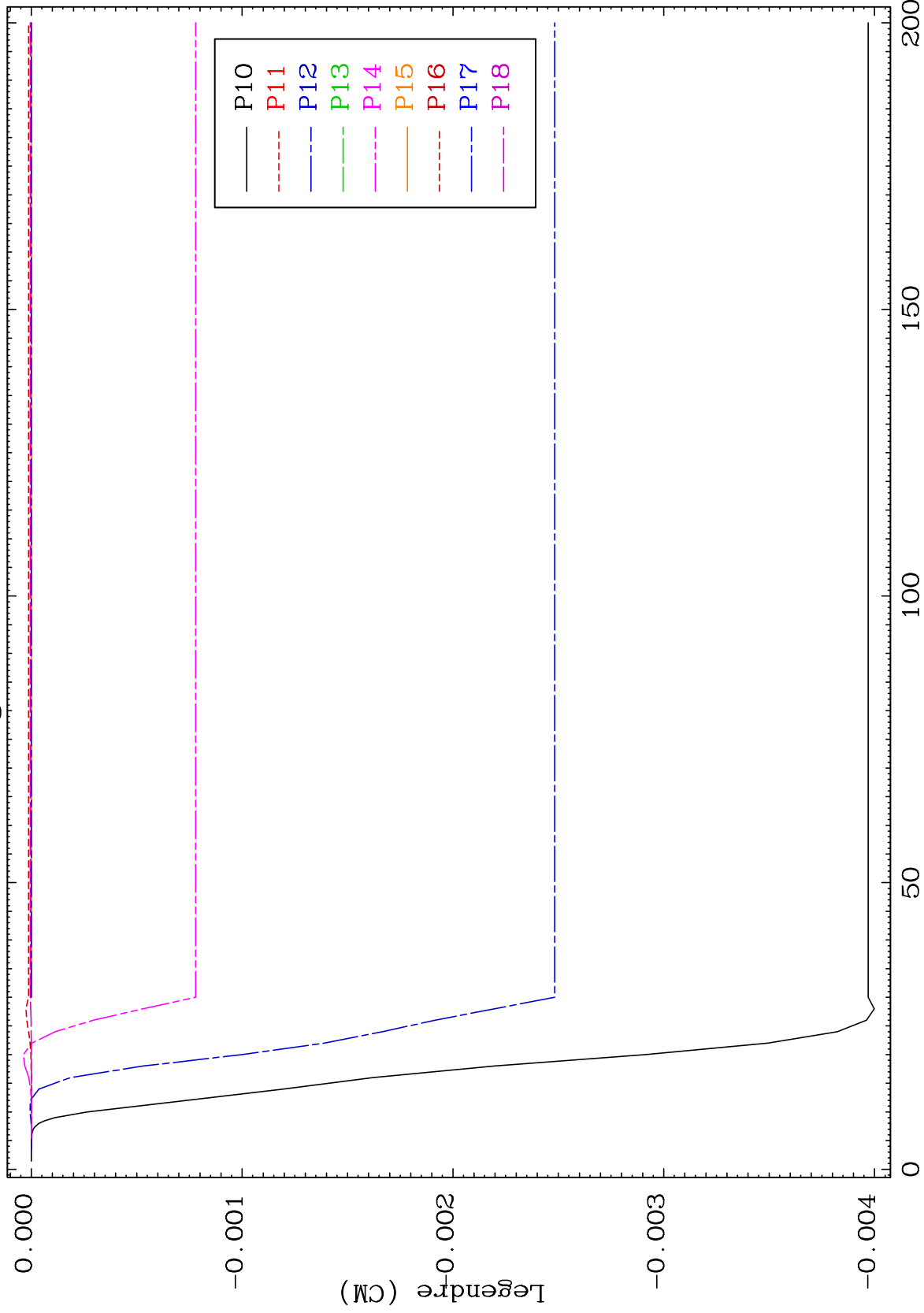




MAT 3746

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

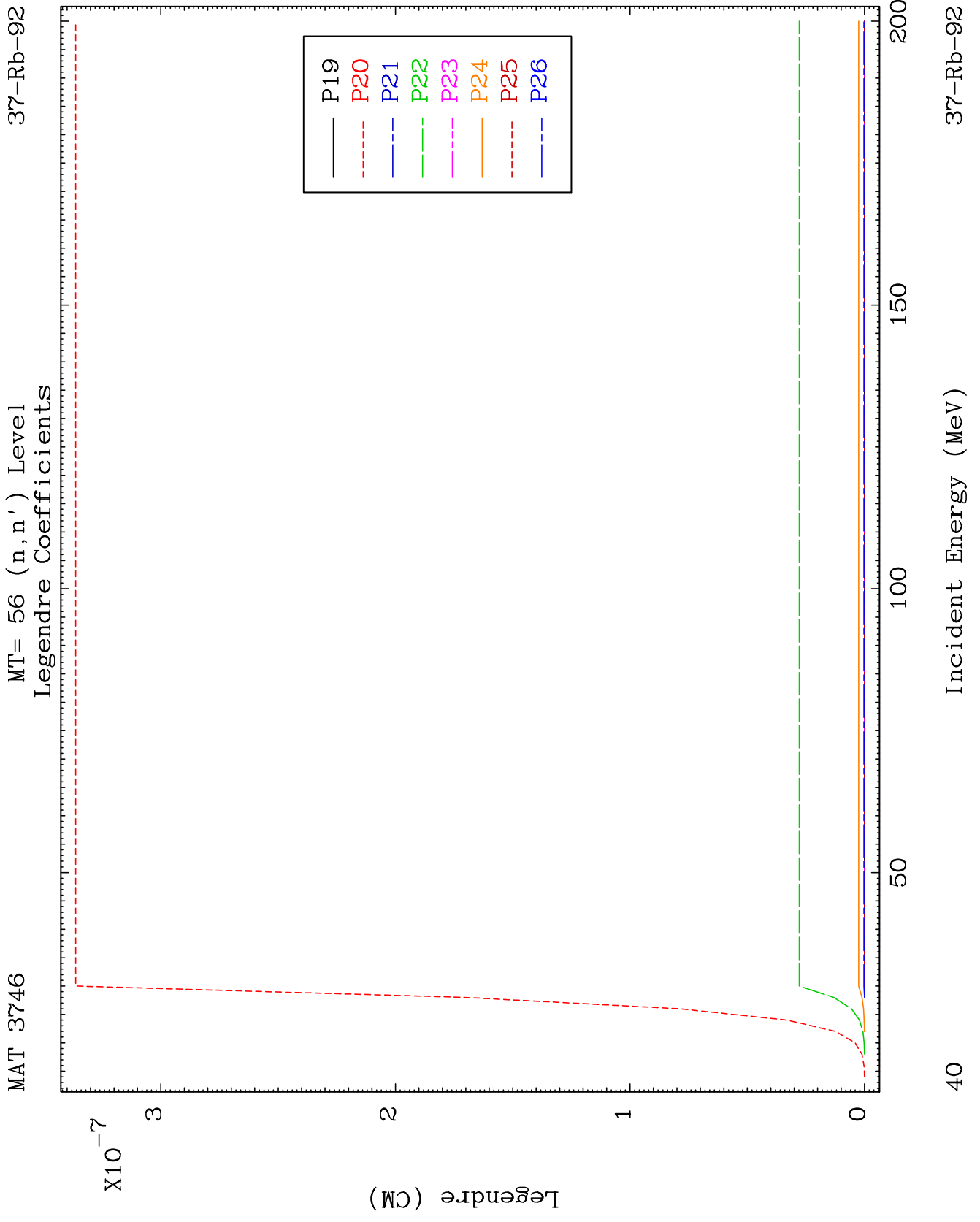
37-Rb-92



39

Incident Energy (MeV)

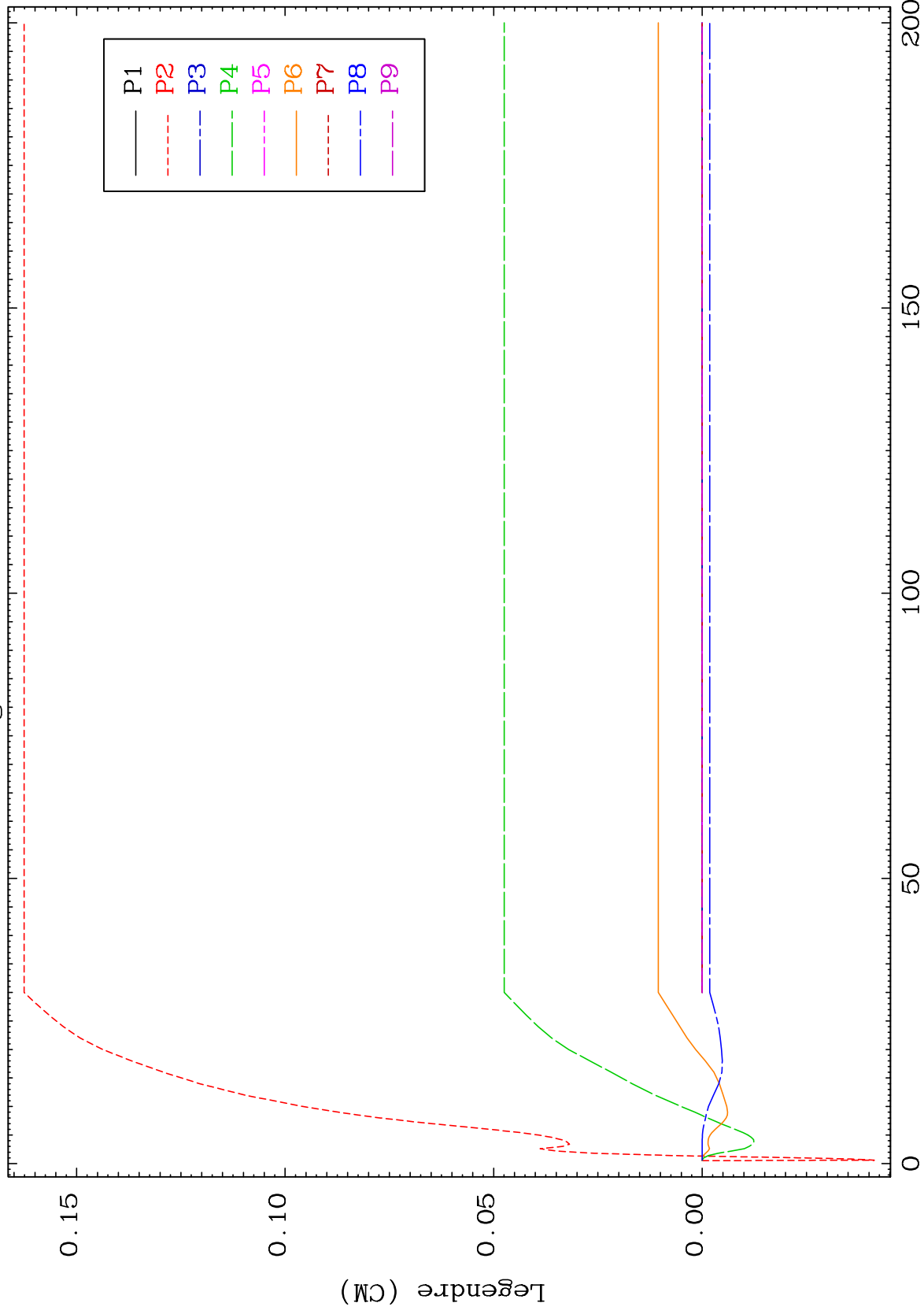
37-Rb-92



MAT 3746

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

37-Rb-92



41

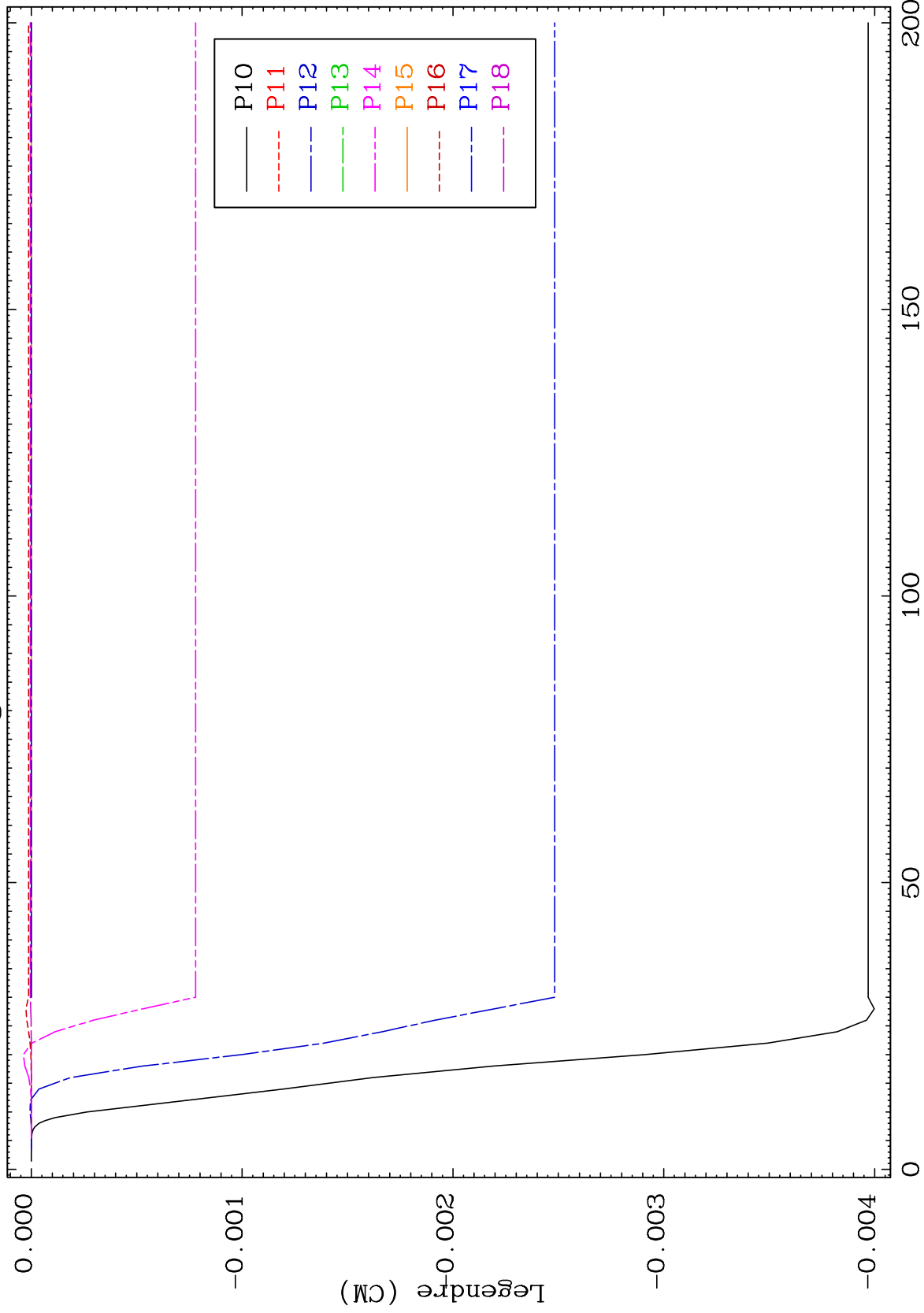
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



42

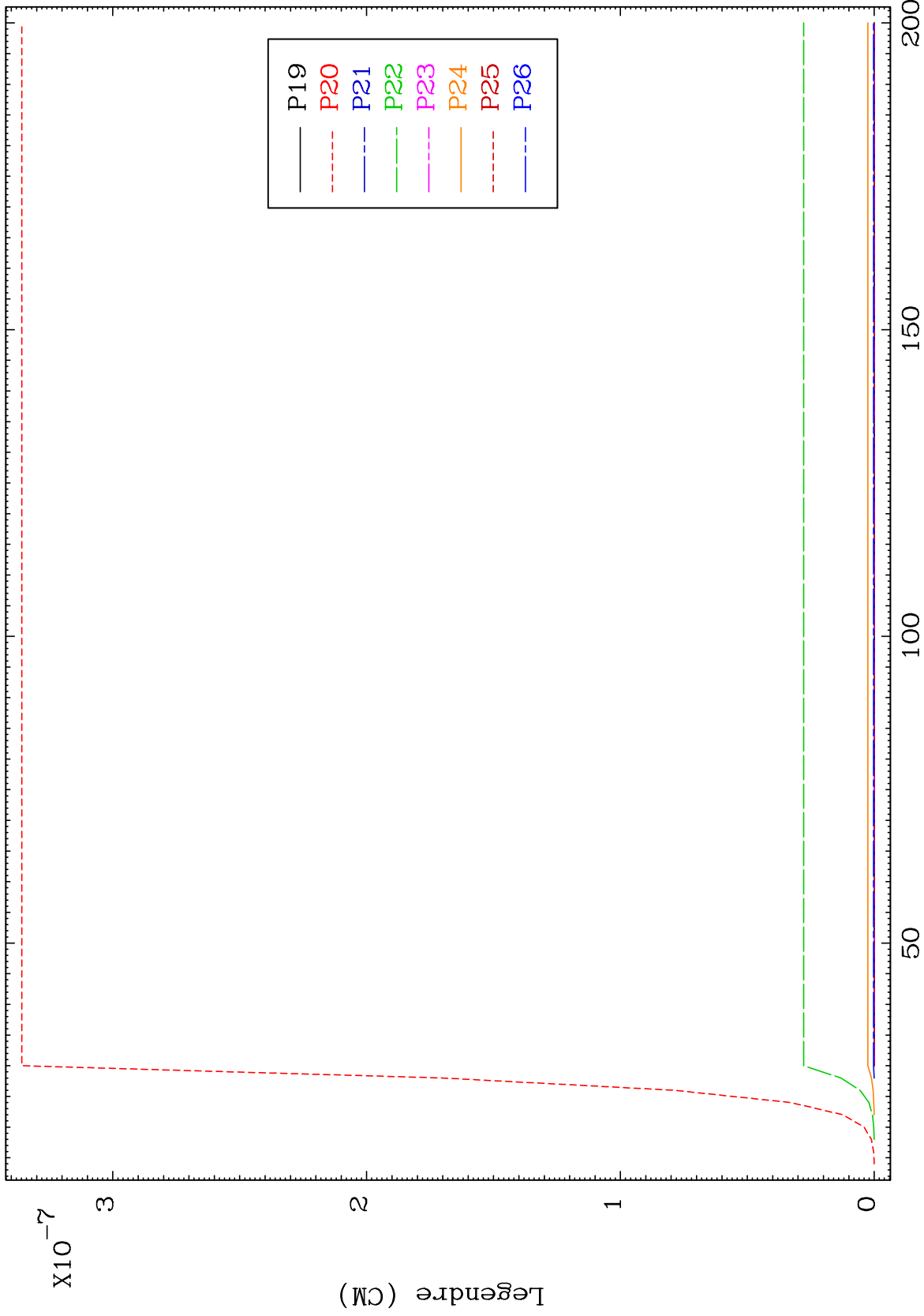
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



43

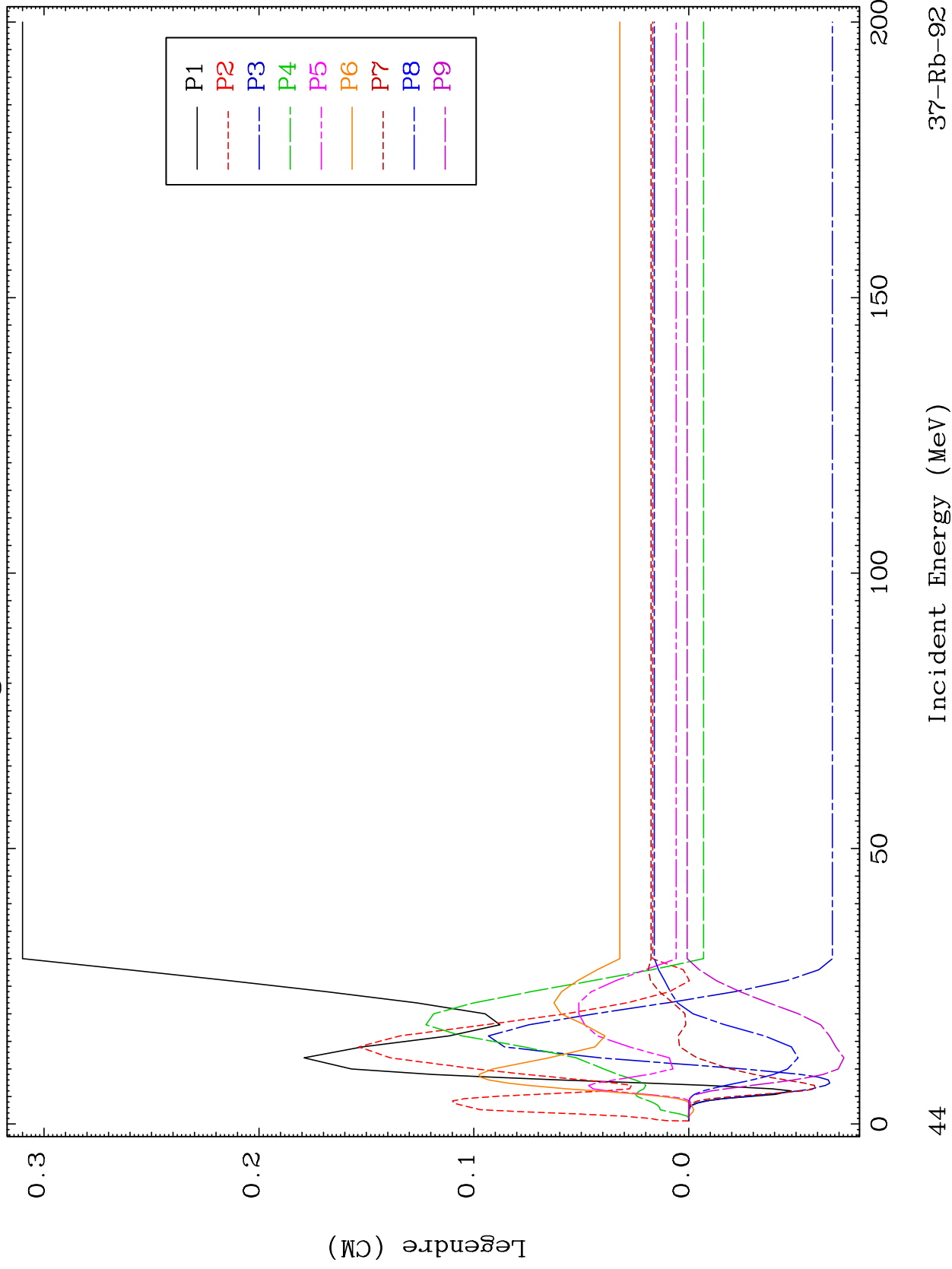
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

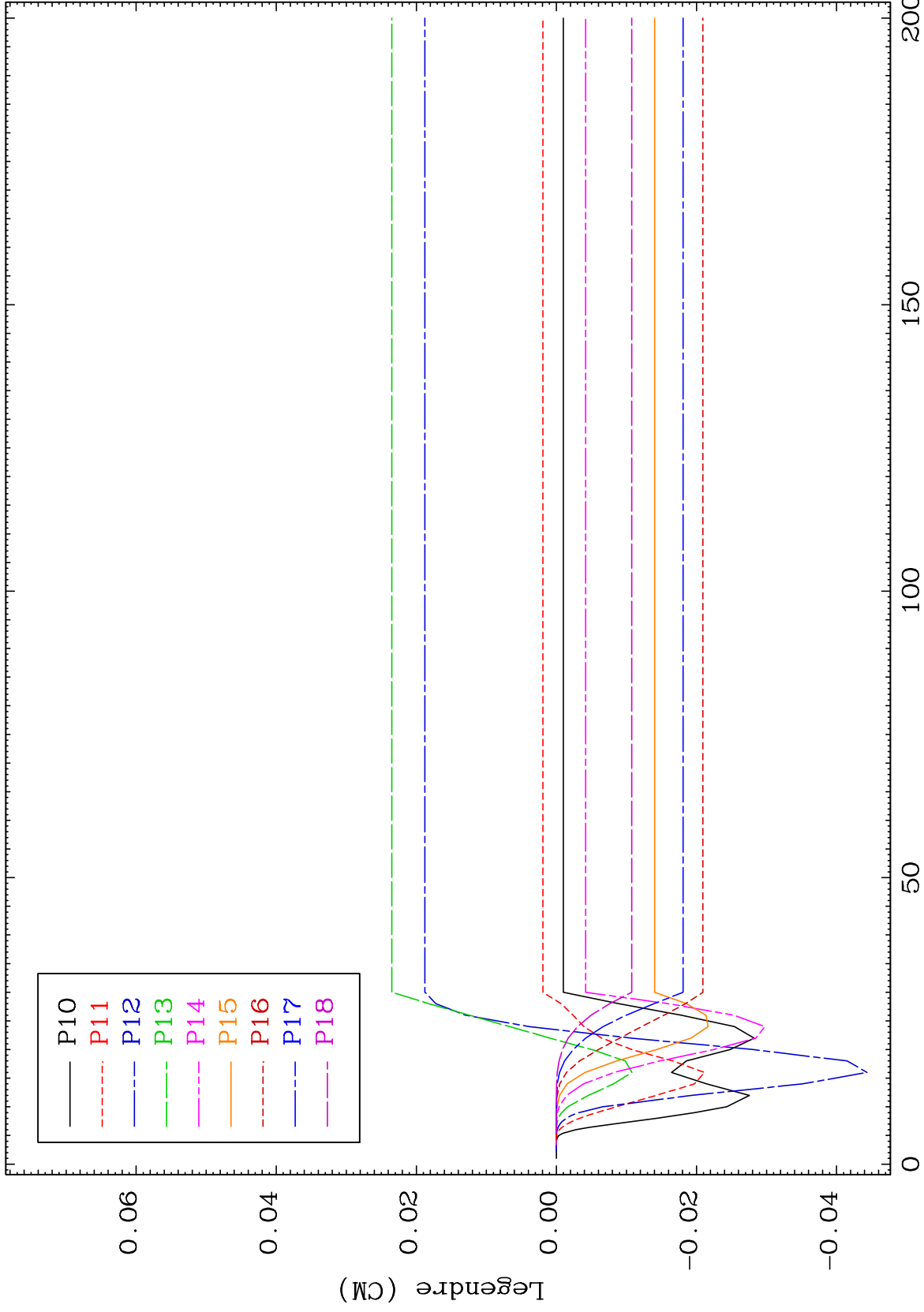
37-Rb-92



MAT 3746

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

37-Rb-92



45

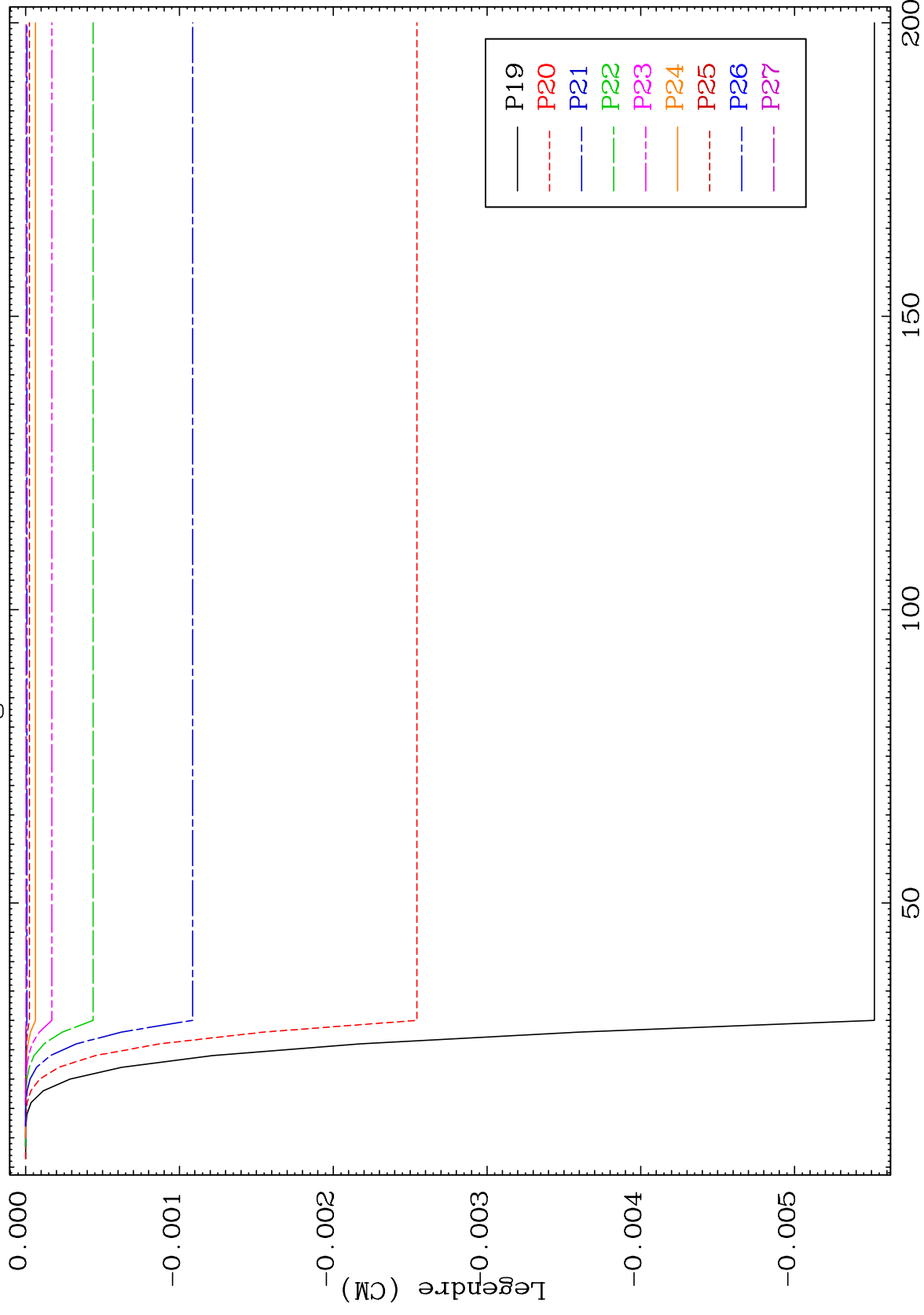
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92

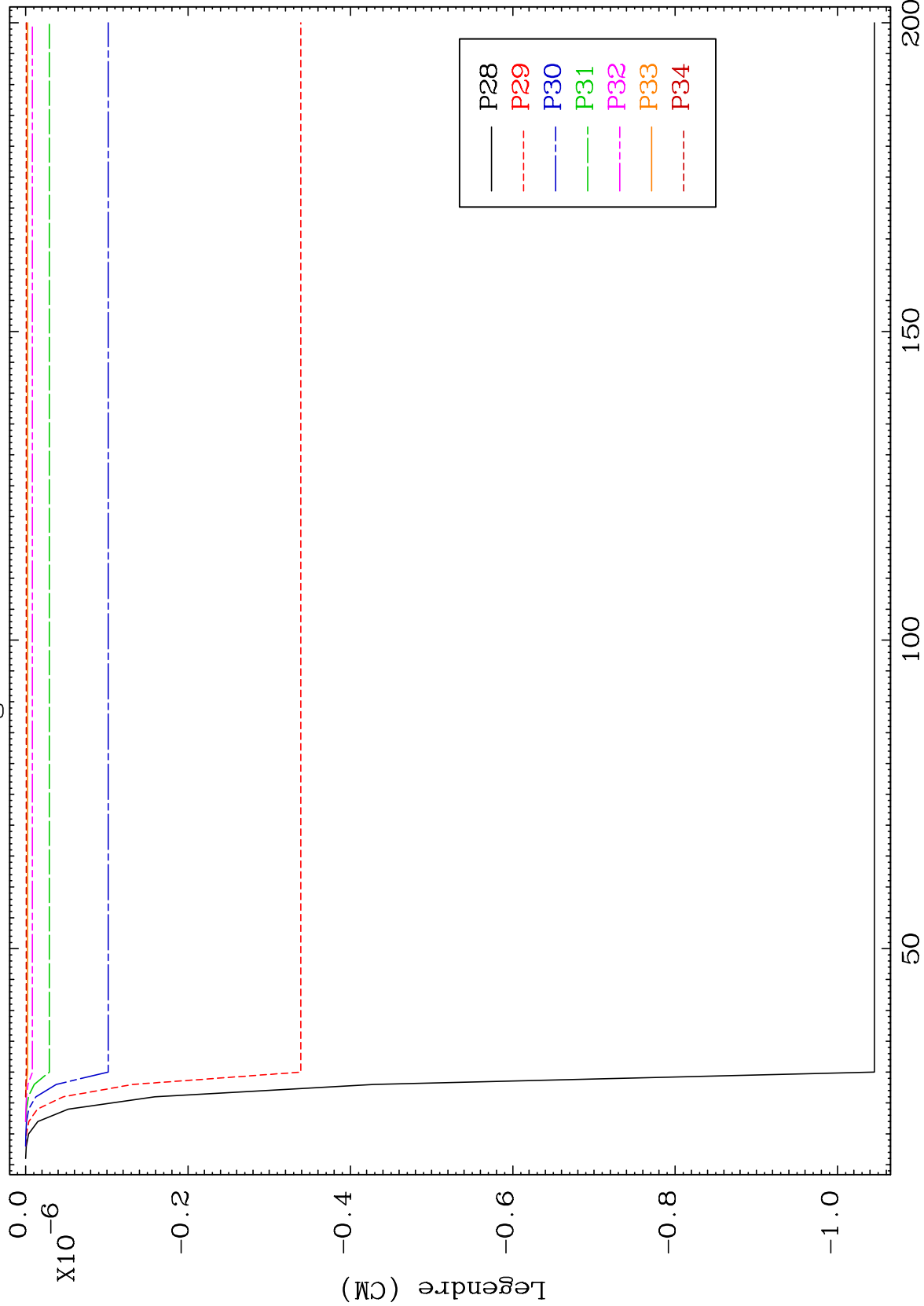


MAT 3746

MT= 58 (n,n') Level

37-Rb-92

Legendre Coefficients



37-Rb-92

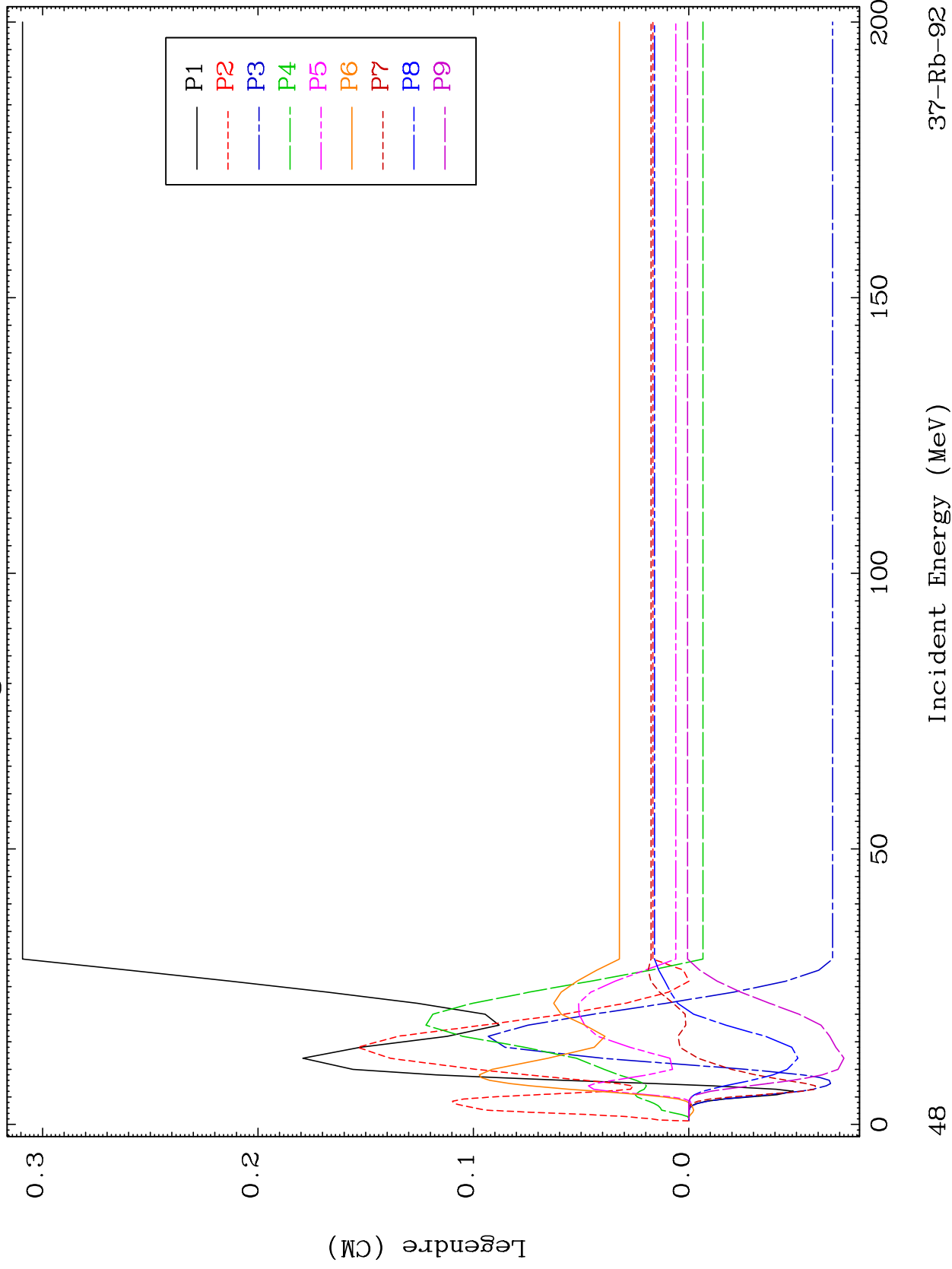
Incident Energy (MeV)

47

MAT 3746

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

37-Rb-92



37-Rb-92

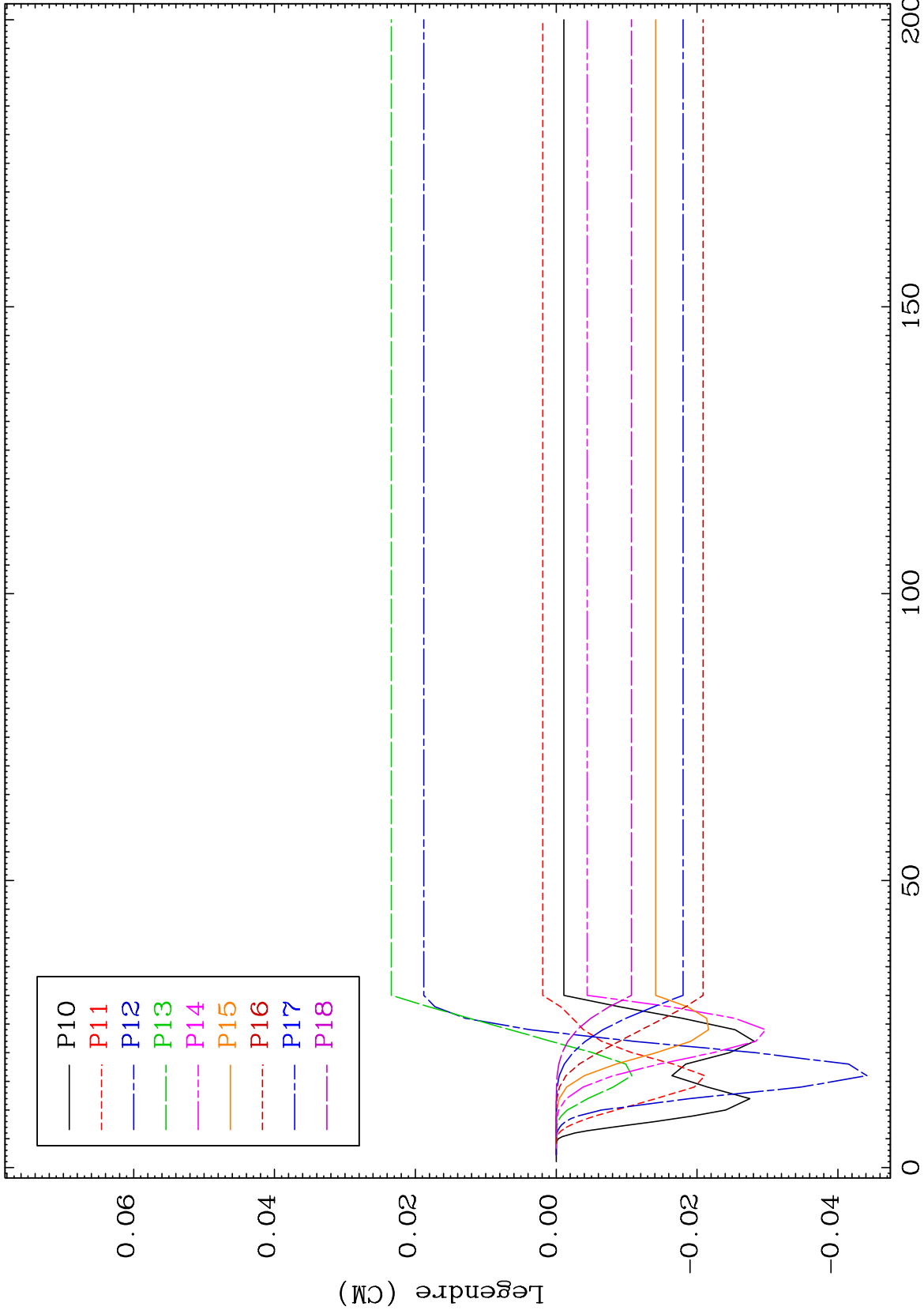
Incident Energy (MeV)

48

MAT 3746

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

37-Rb-92



49

Incident Energy (MeV)

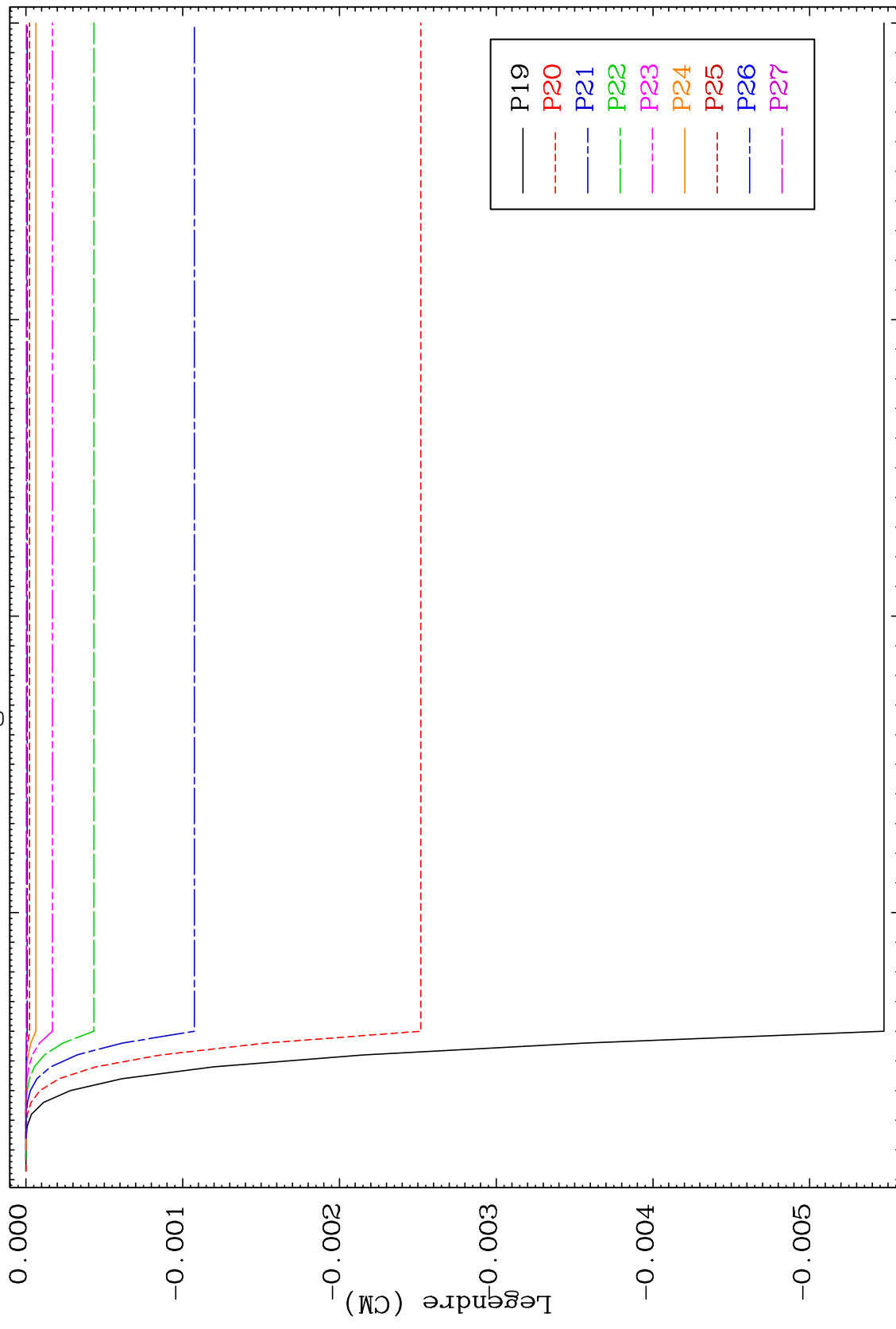
37-Rb-92

MAT 3746

MT= 59 (n,n') Level

Legendre Coefficients

37-Rb-92



37-Rb-92

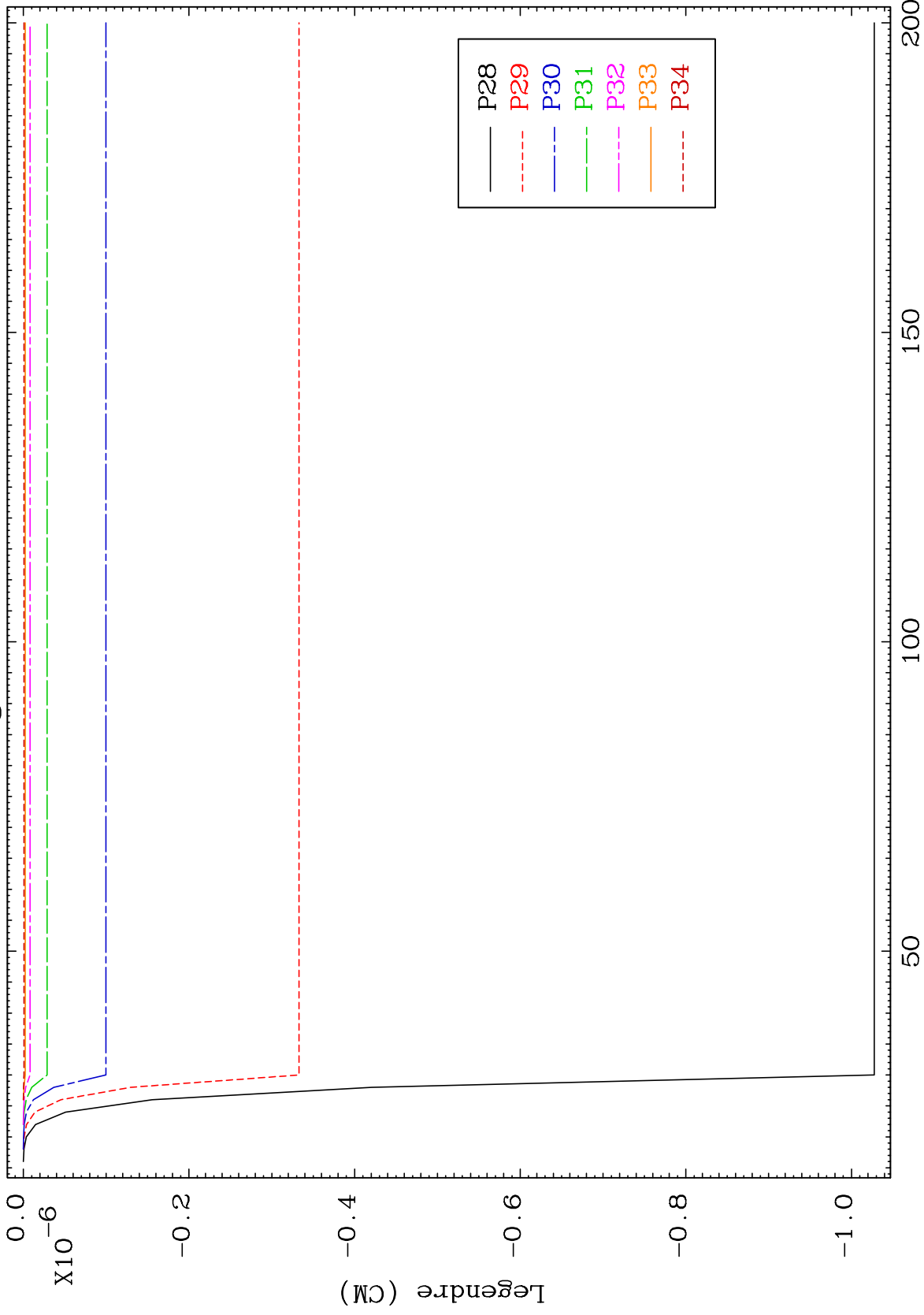
Incident Energy (MeV)

50

MAT 3746

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

37-Rb-92



51

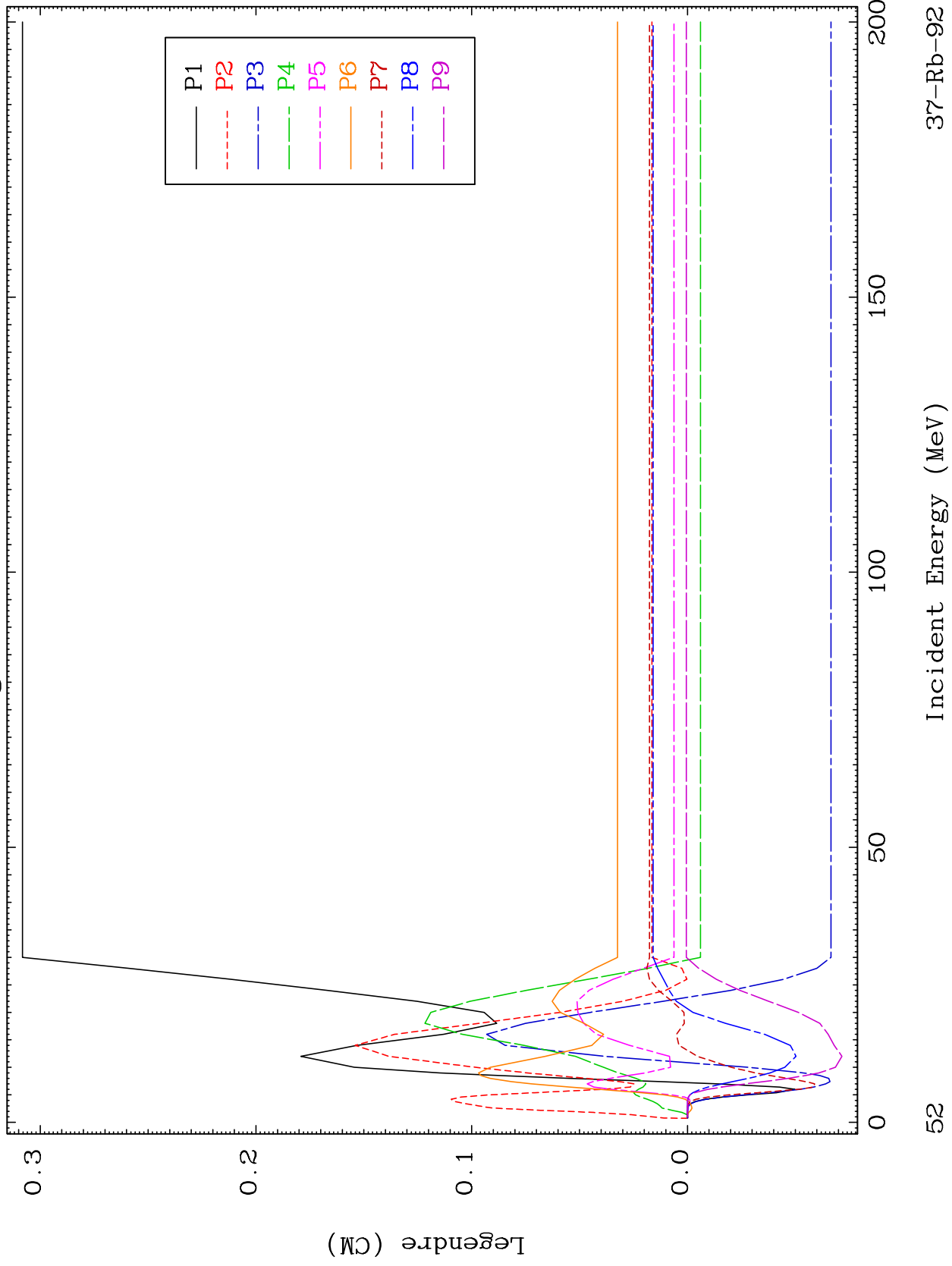
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

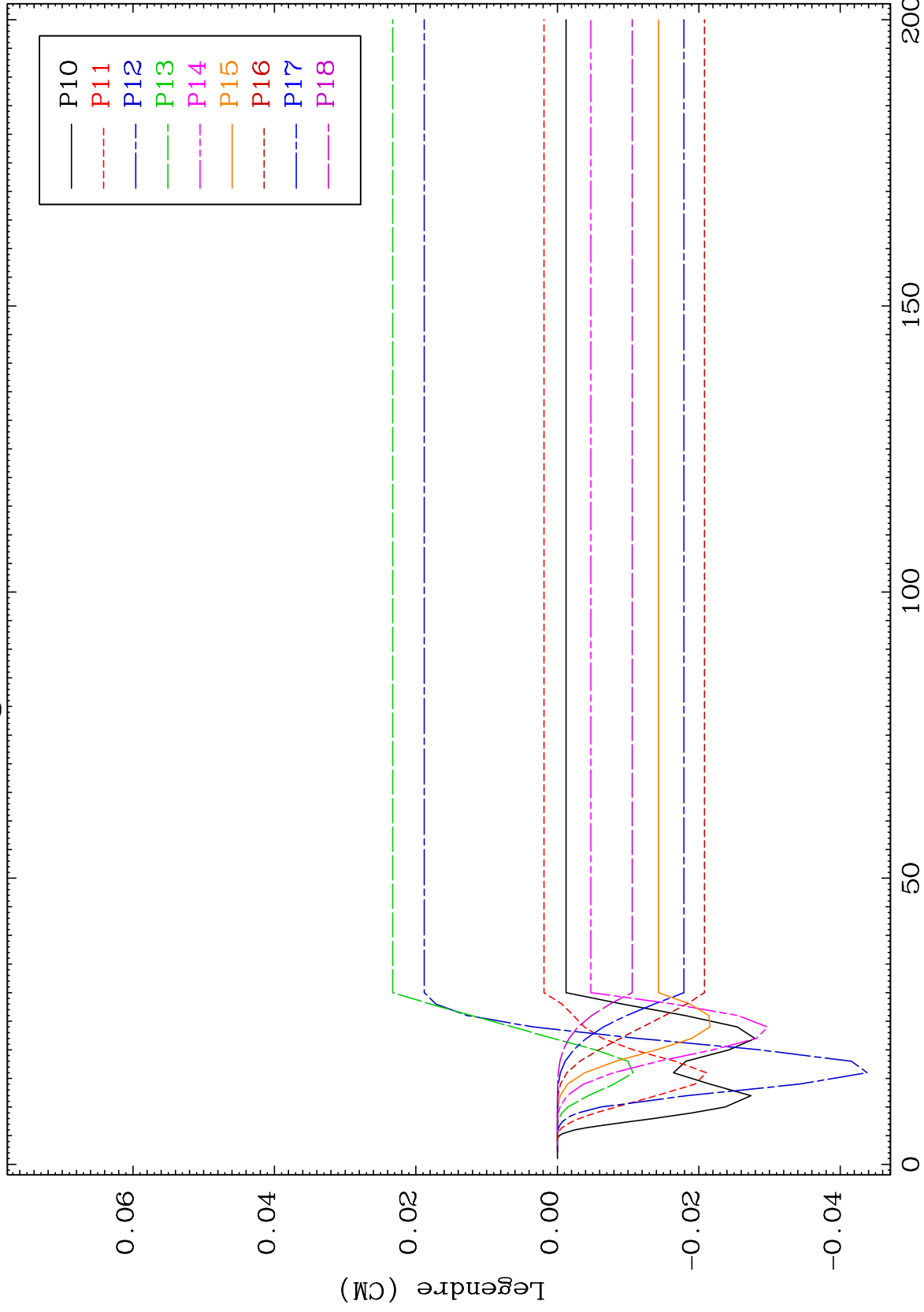
37-Rb-92



MAT 3746

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

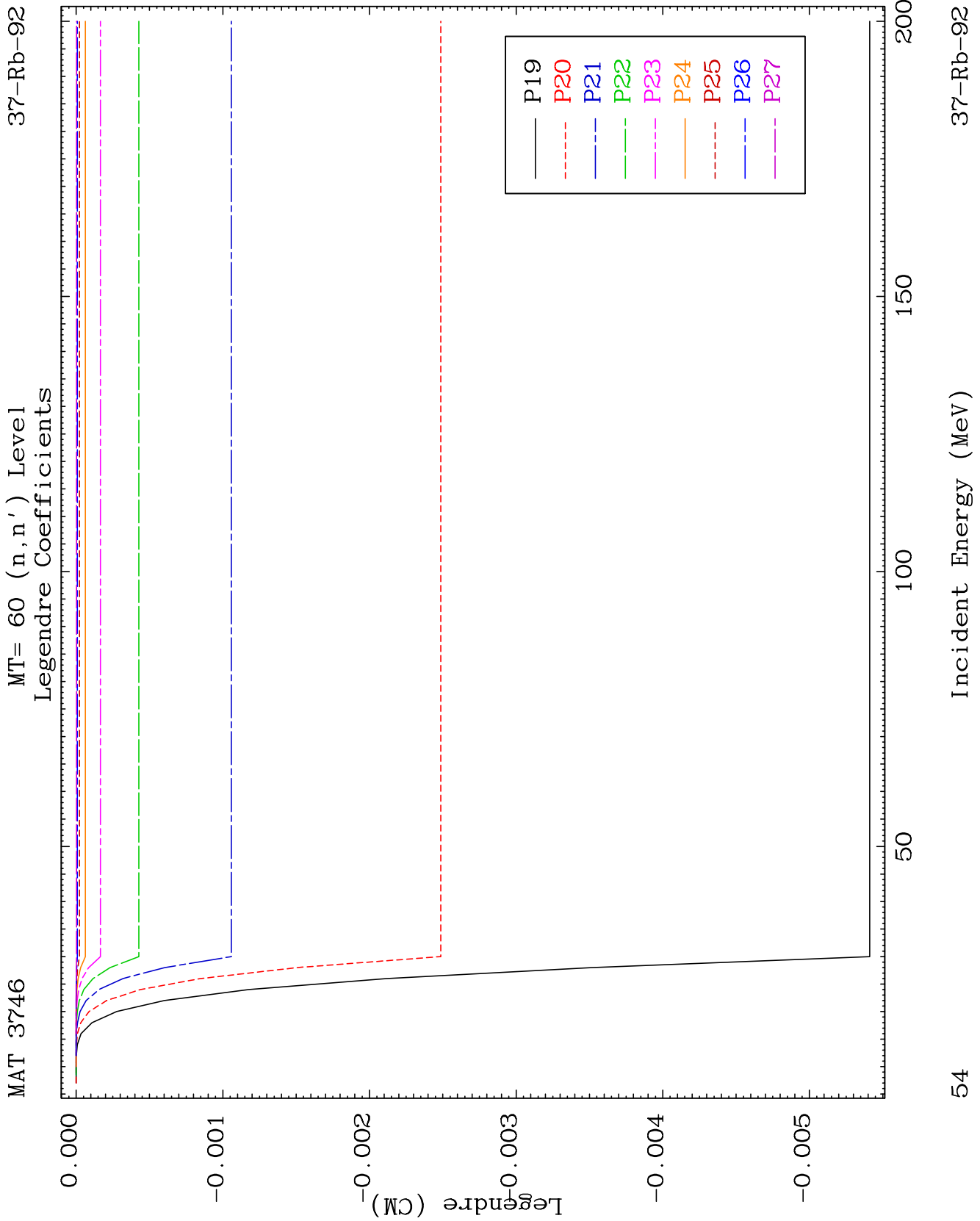
37-Rb-92



53

Incident Energy (MeV)

37-Rb-92

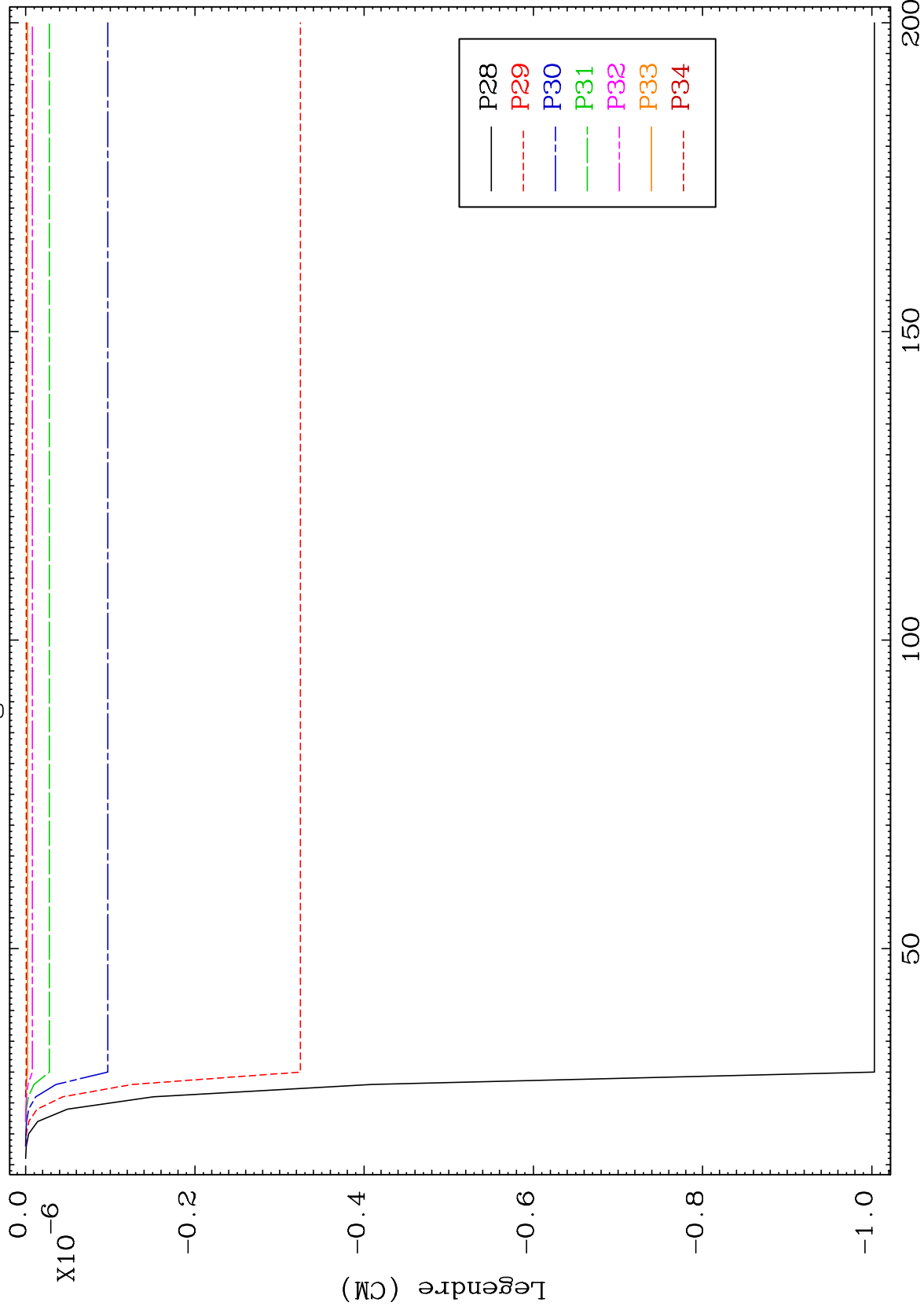


MAT 3746

MT= 60 (n,n') Level

37-Rb-92

Legendre Coefficients



55

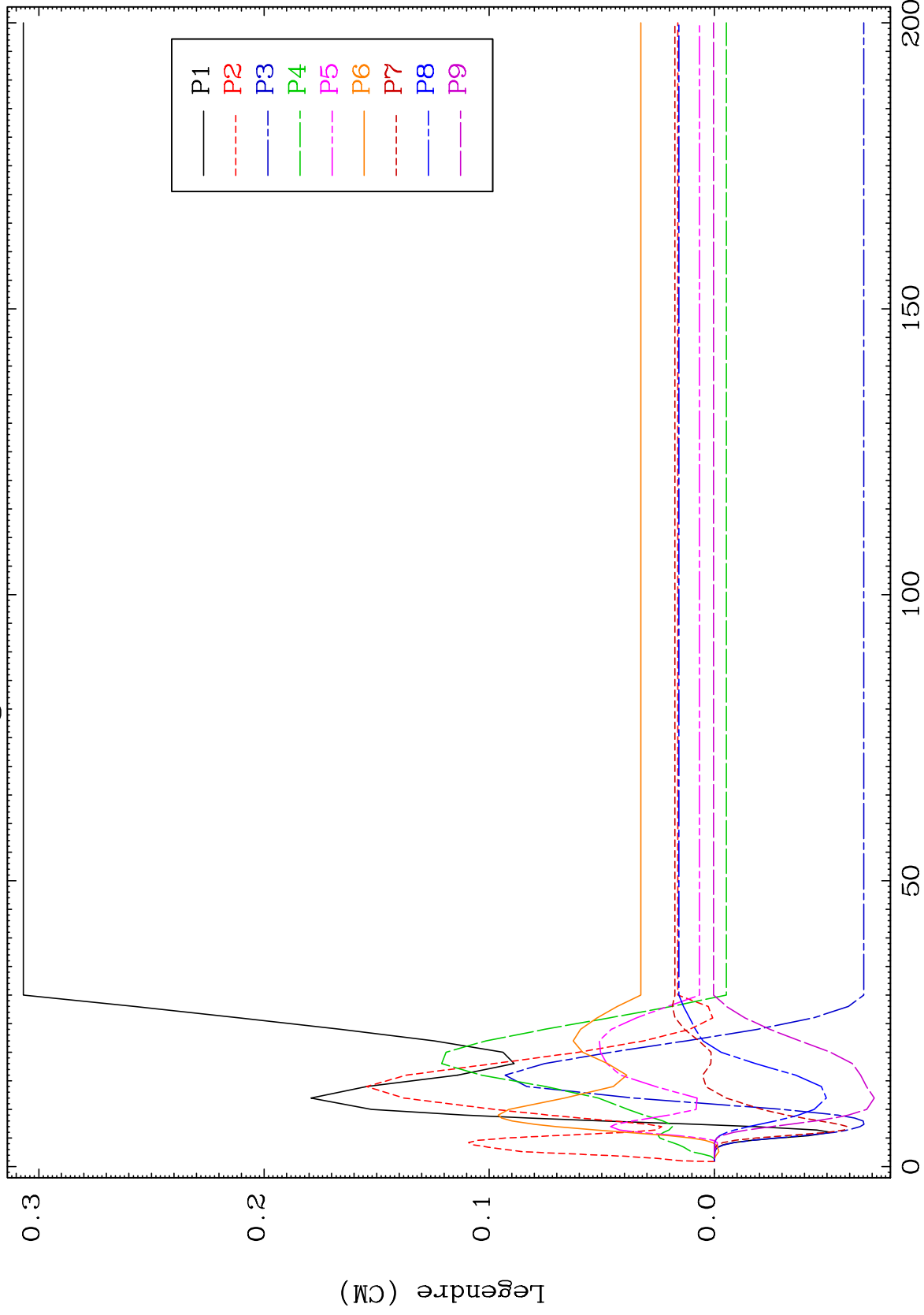
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



56

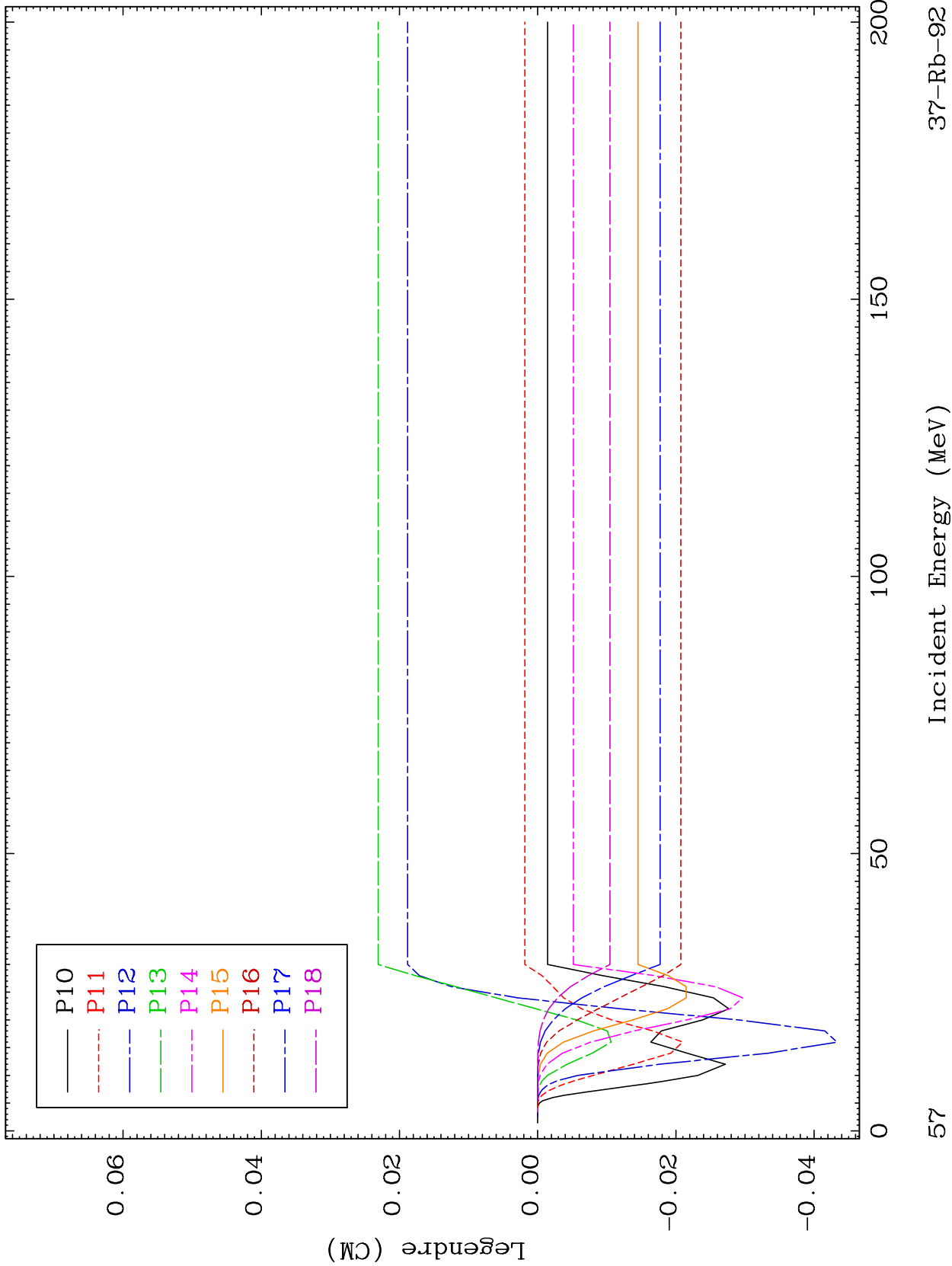
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

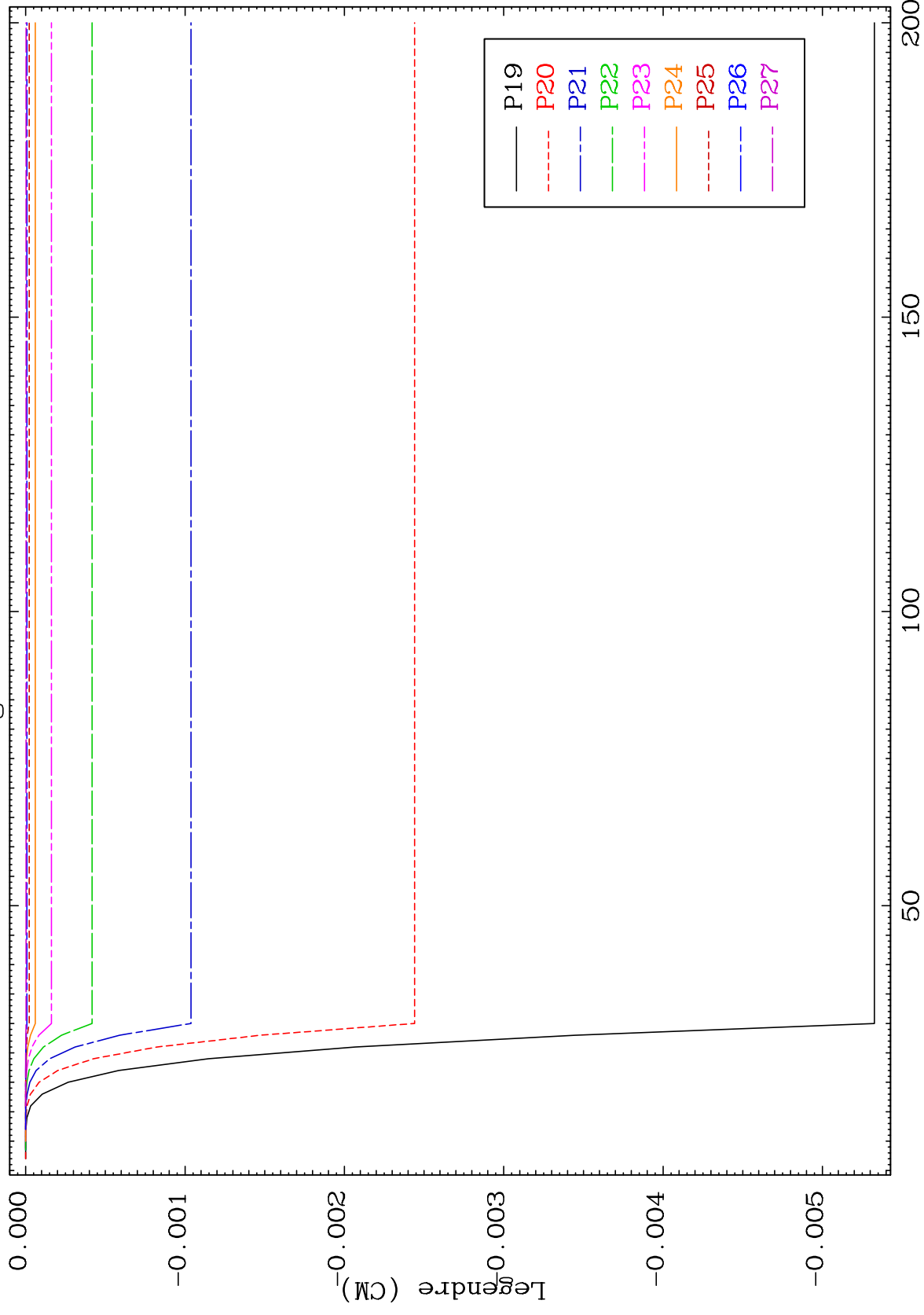
37-Rb-92



57

Incident Energy (MeV)

37-Rb-92

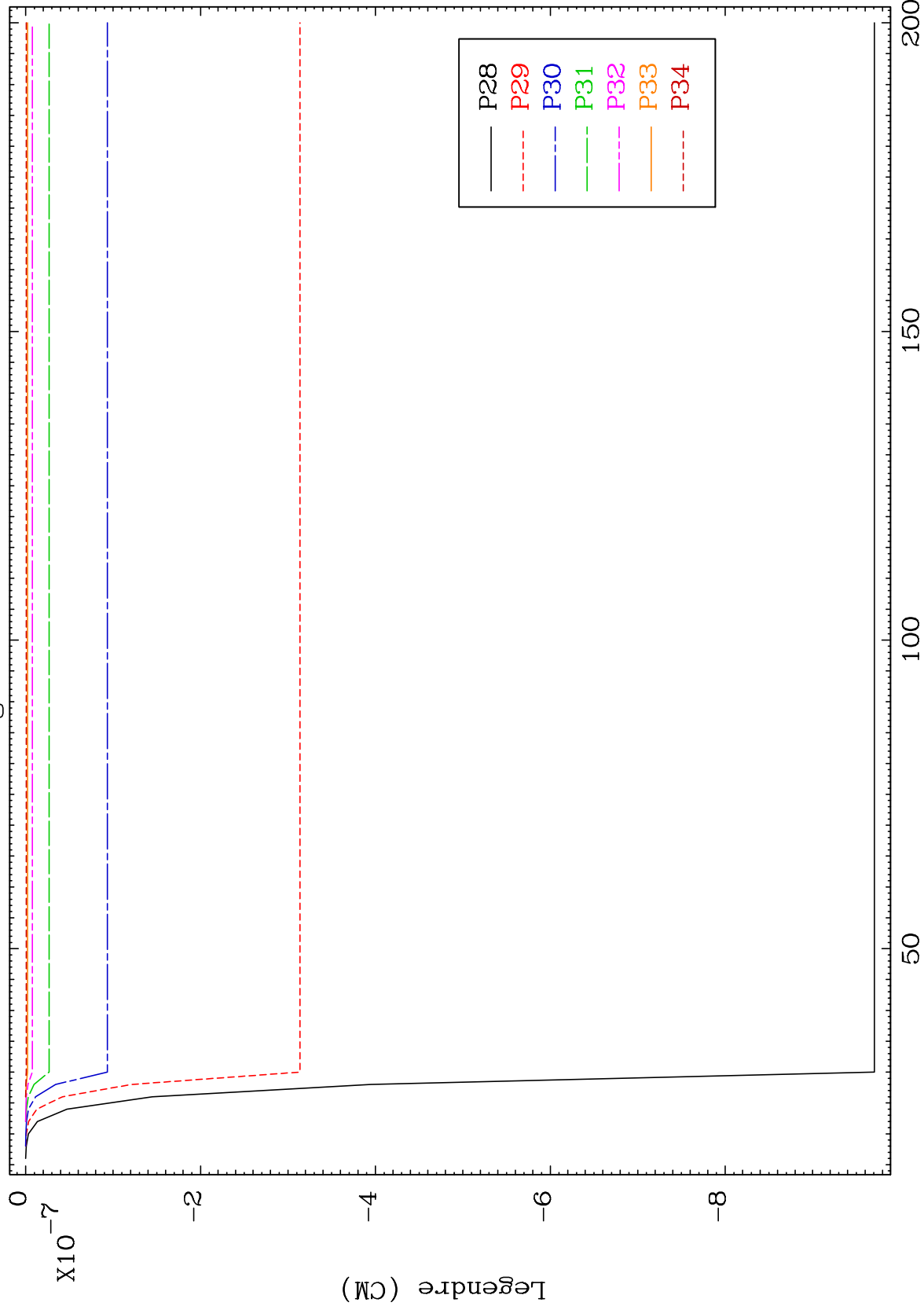


MAT 3746

MT= 61 (n,n') Level

37-Rb-92

Legendre Coefficients



37-Rb-92

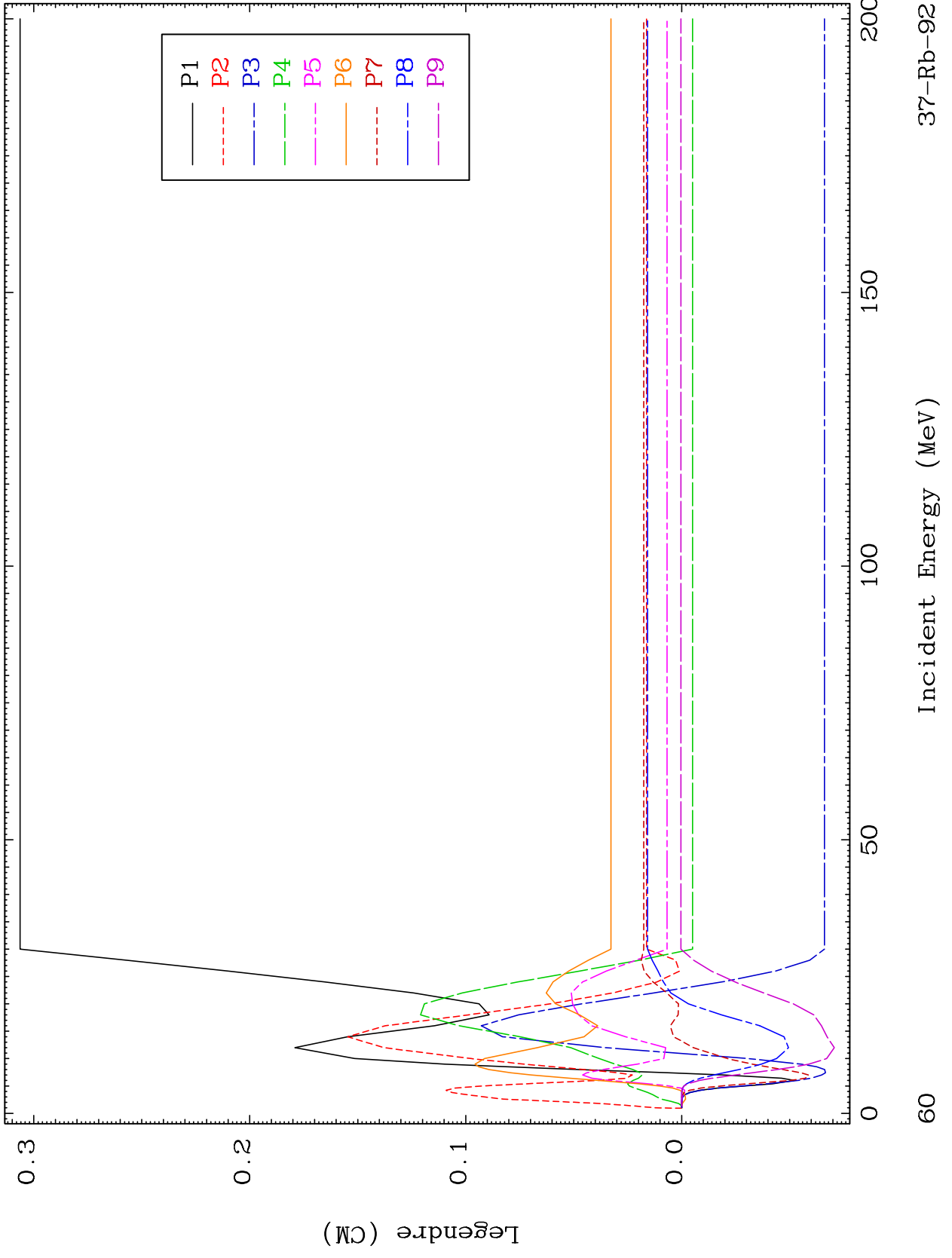
Incident Energy (MeV)

59

MAT 3746

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

37-Rb-92

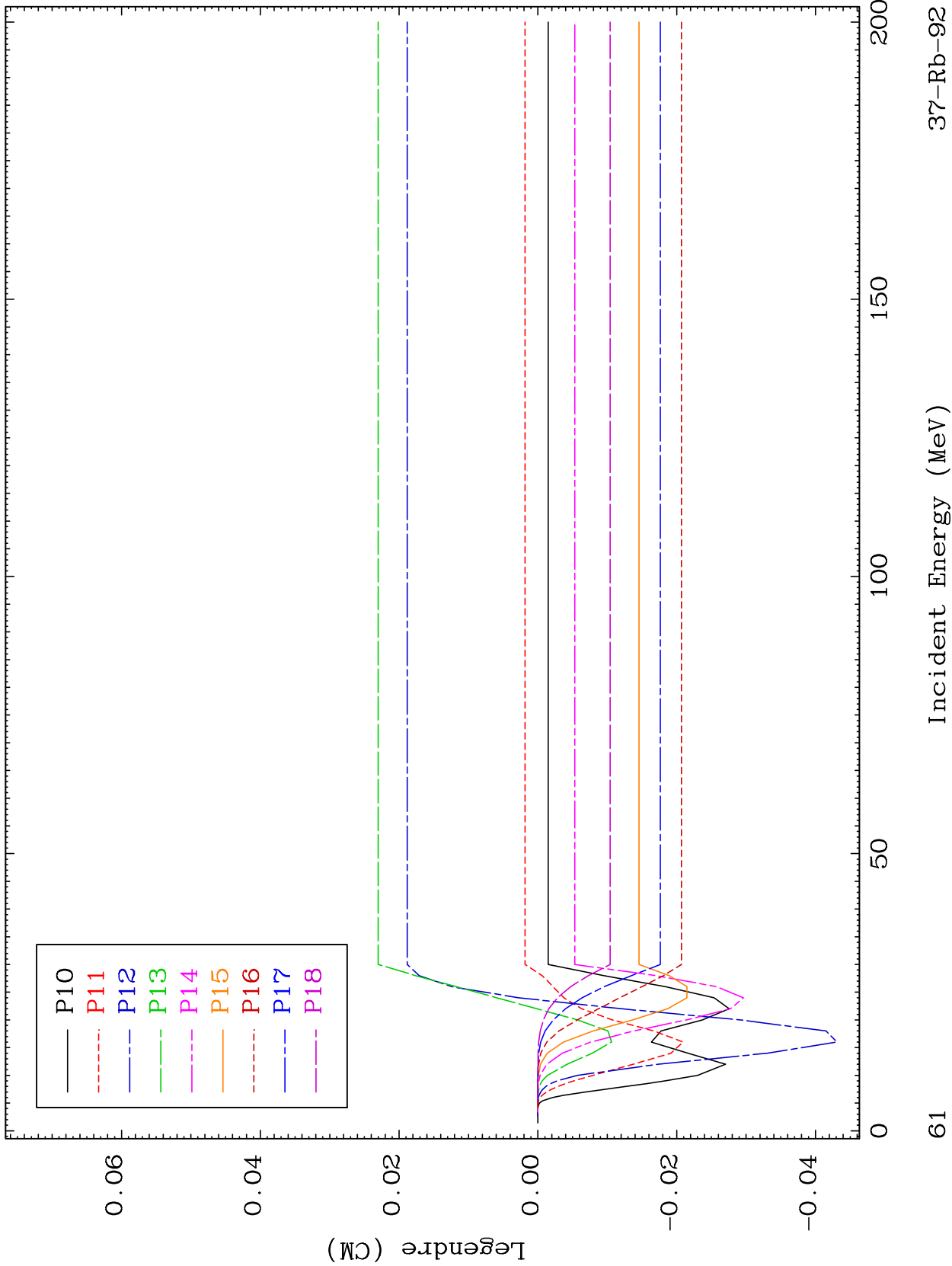


37-Rb-92

MAT 3746

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

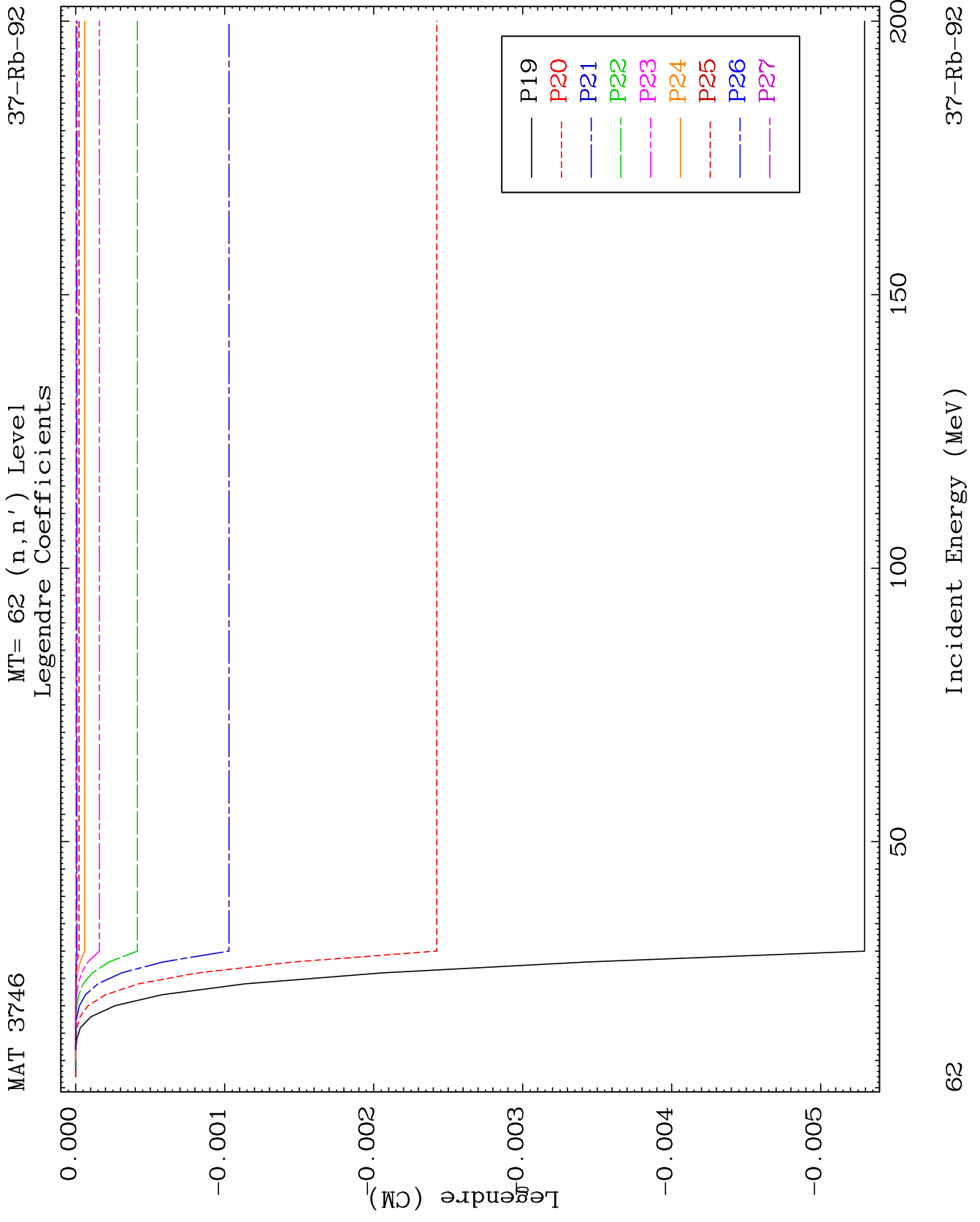
37-Rb-92



61

Incident Energy (MeV)

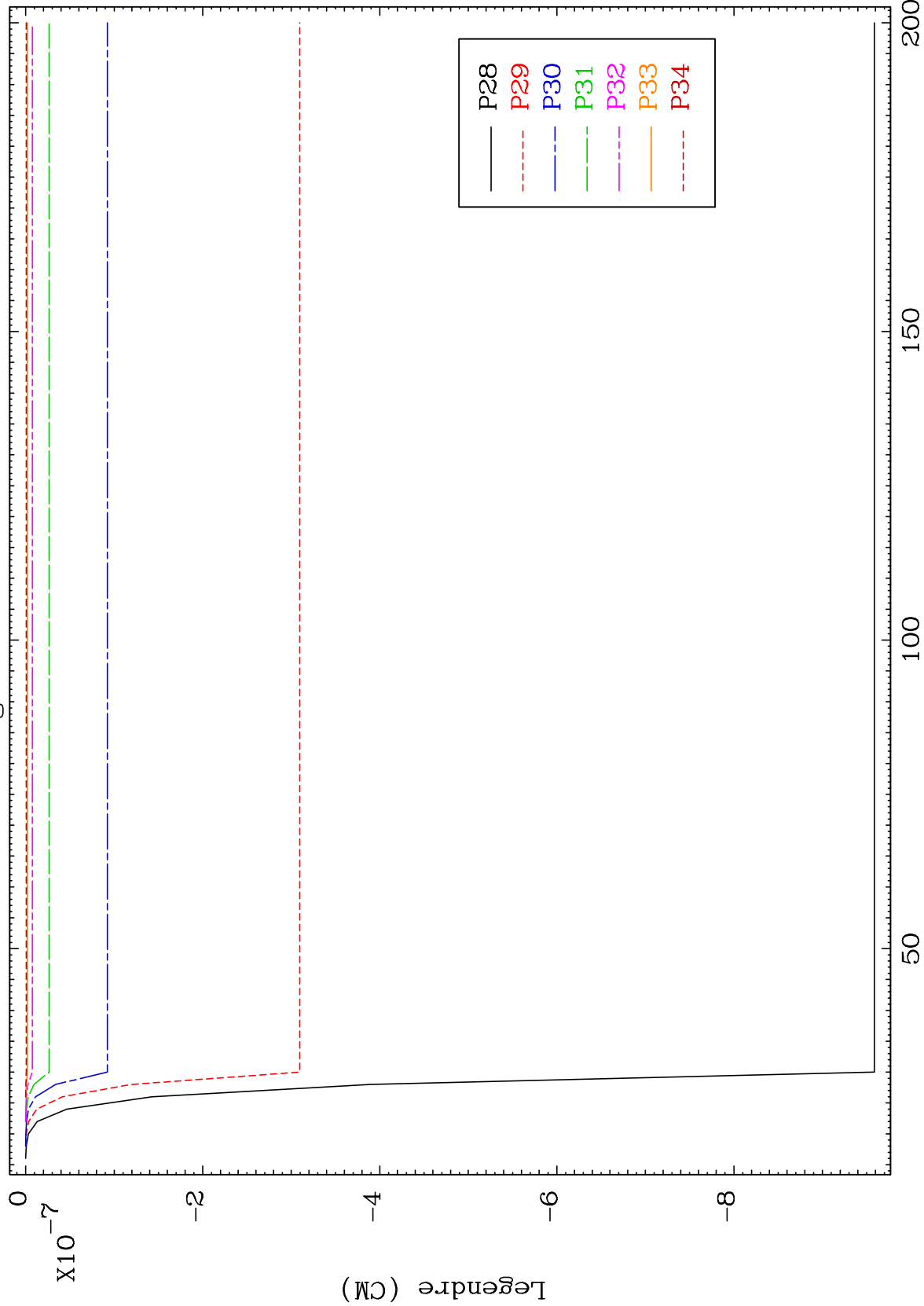
37-Rb-92



MAT 3746

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

37-Rb-92



63

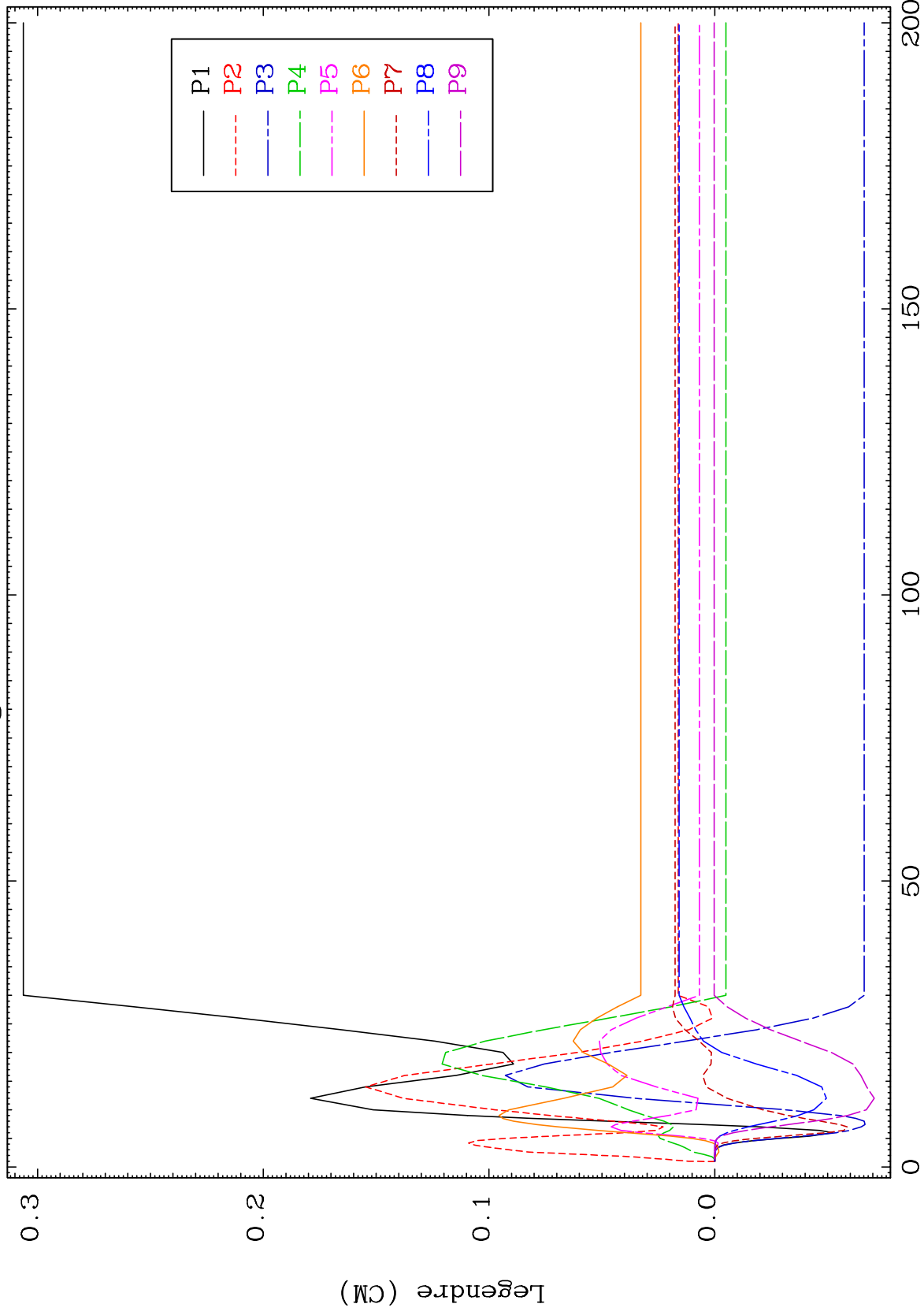
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



64

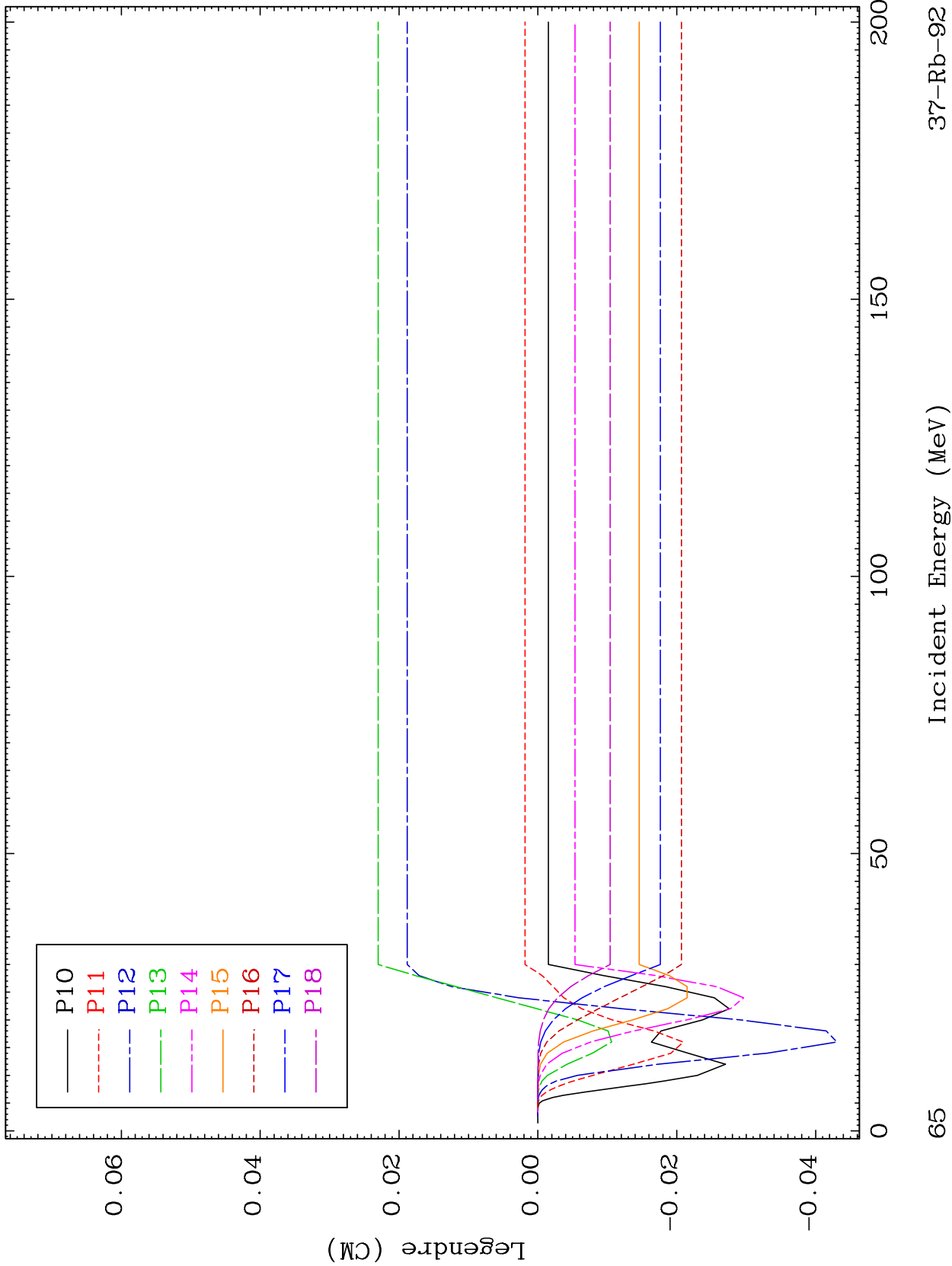
Incident Energy (MeV)

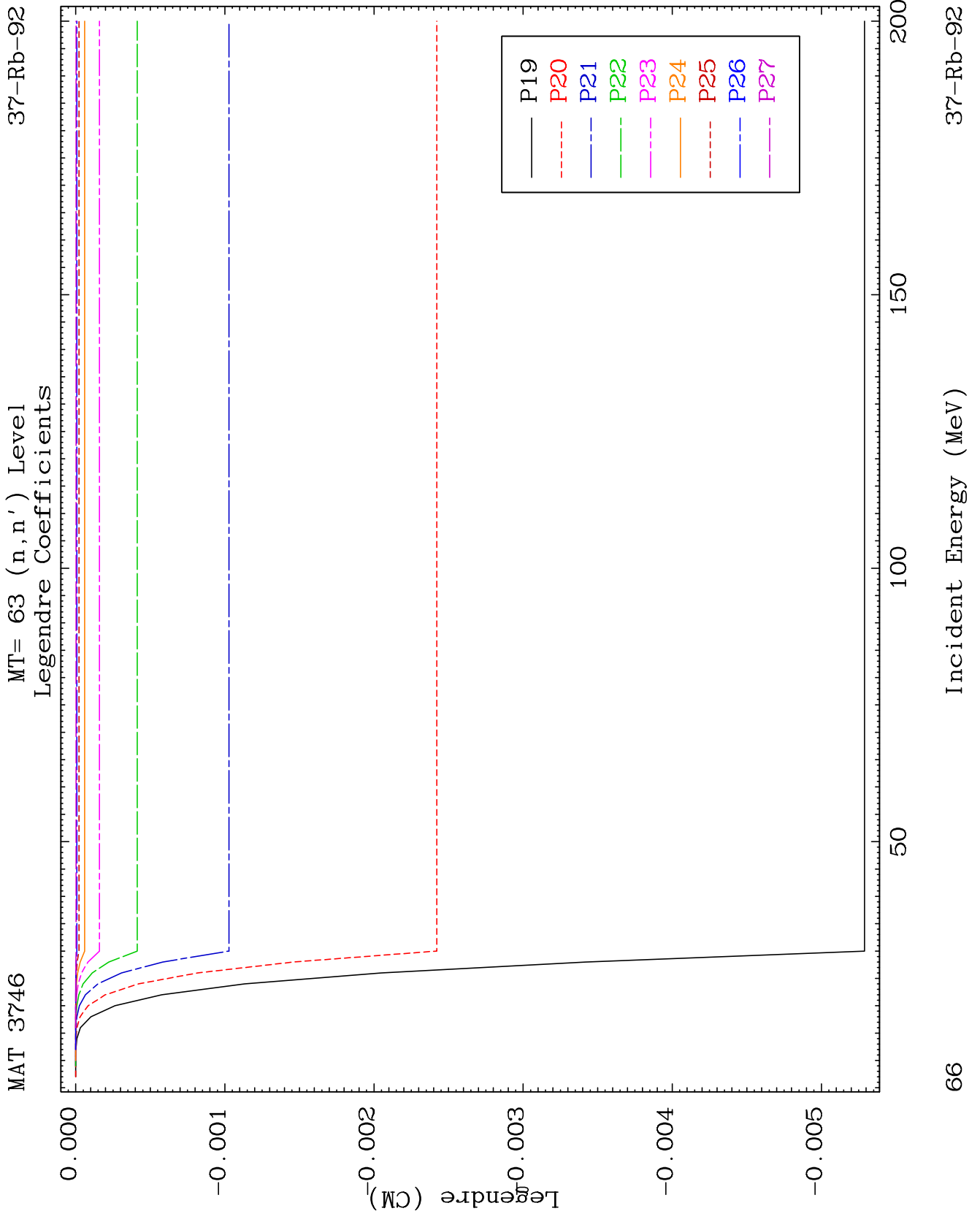
37-Rb-92

MAT 3746

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

37-Rb-92



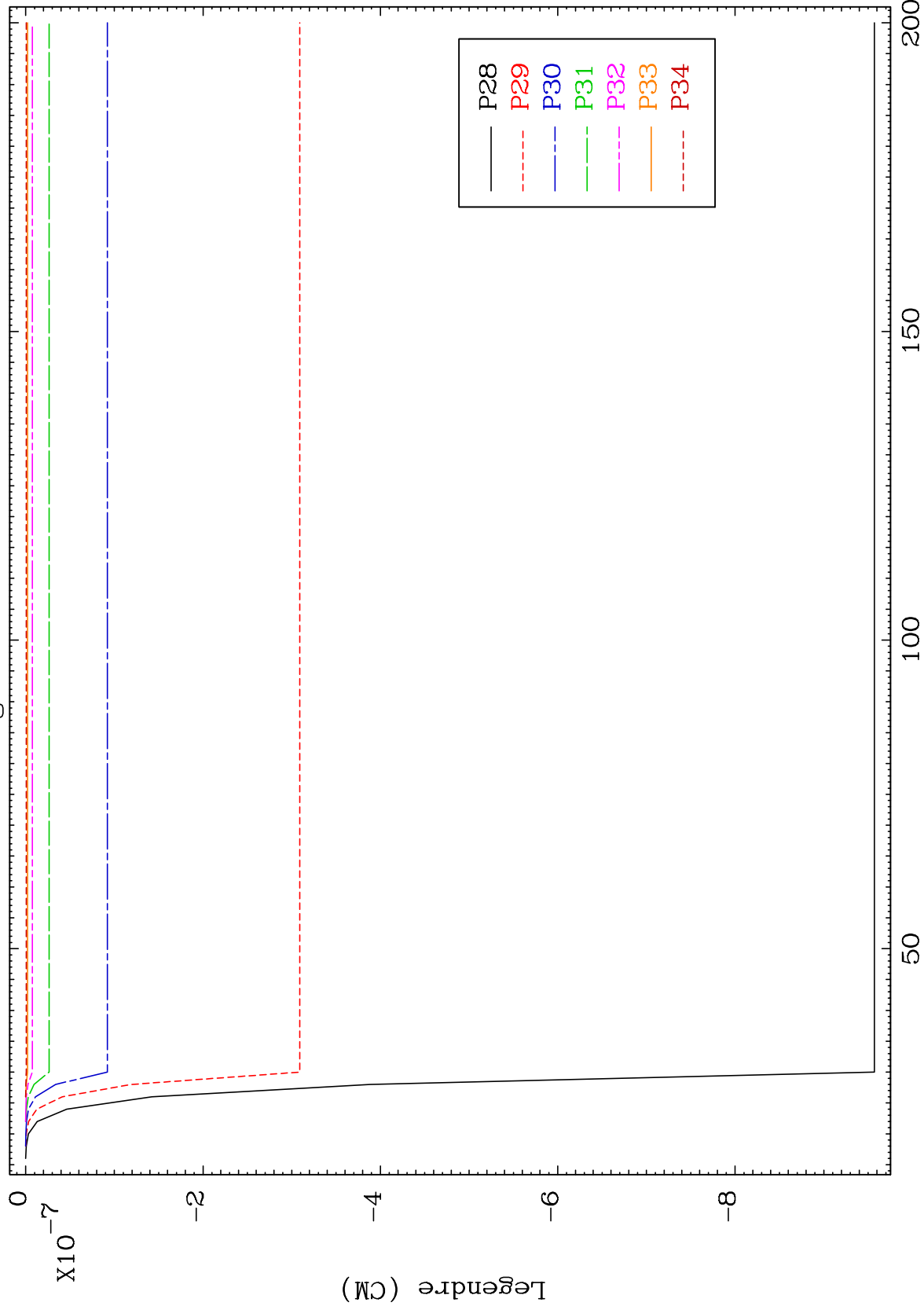


MAT 3746

MT= 63 (n,n') Level

37-Rb-92

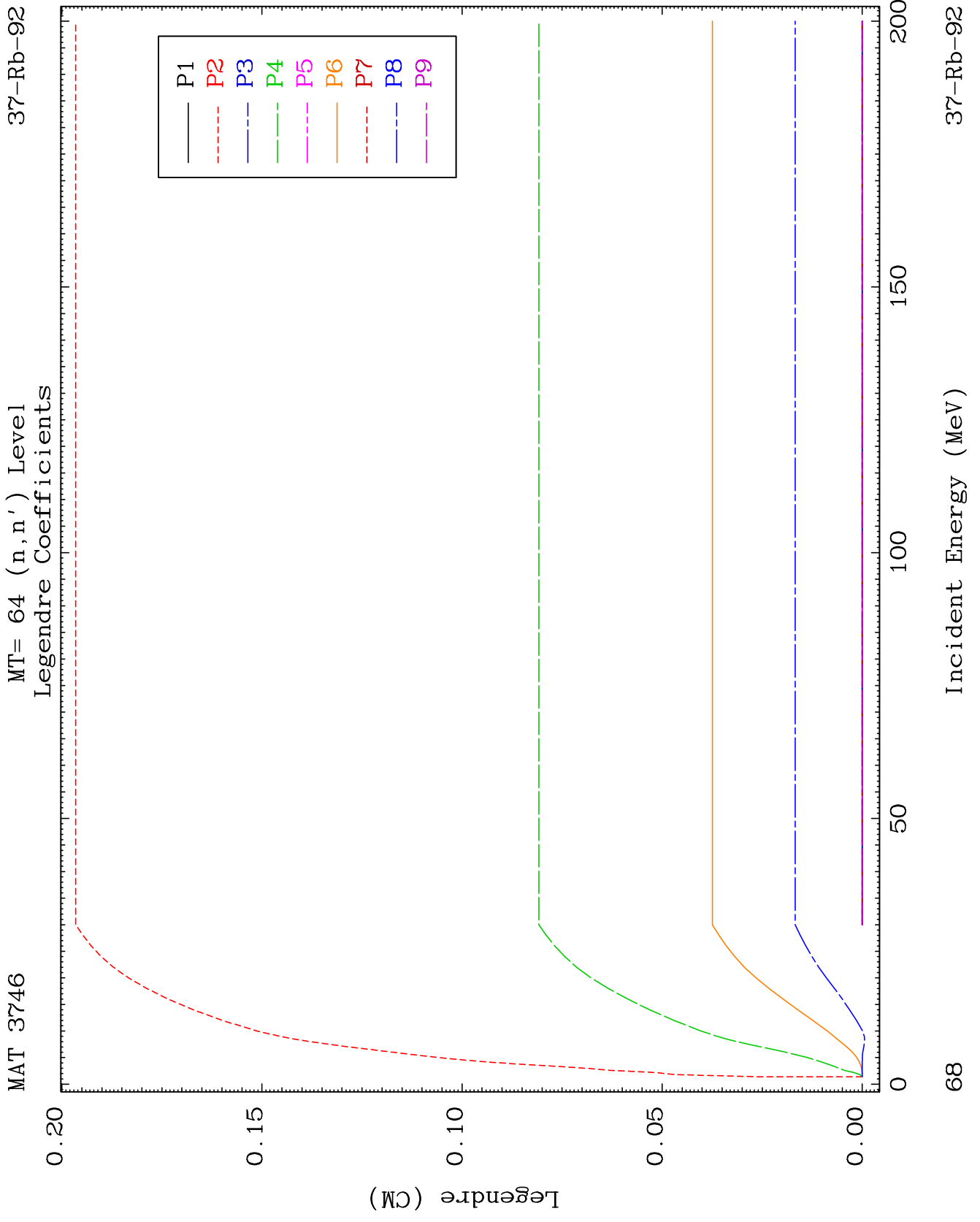
Legendre Coefficients



37-Rb-92

Incident Energy (MeV)

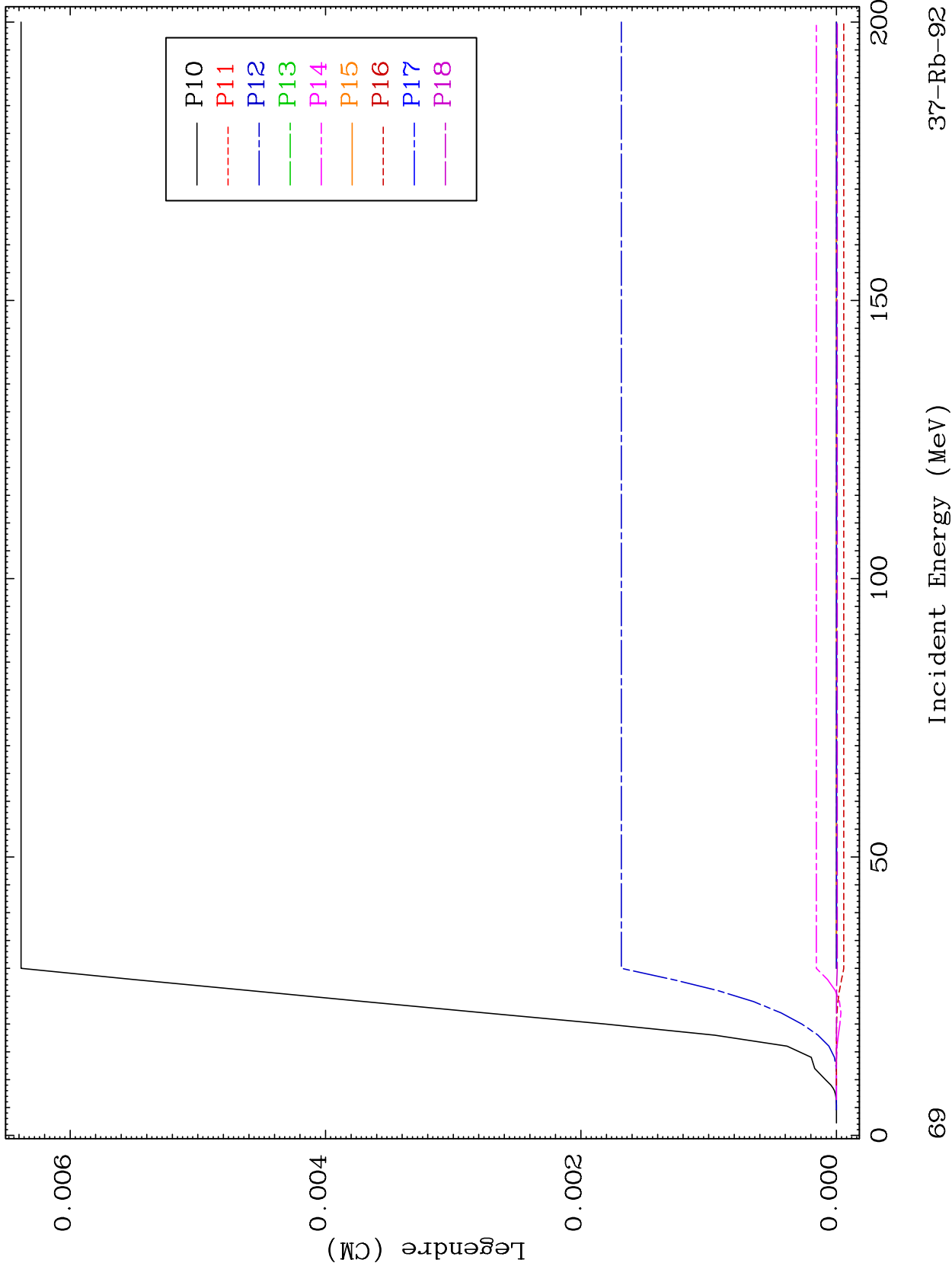
67



MAT 3746

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

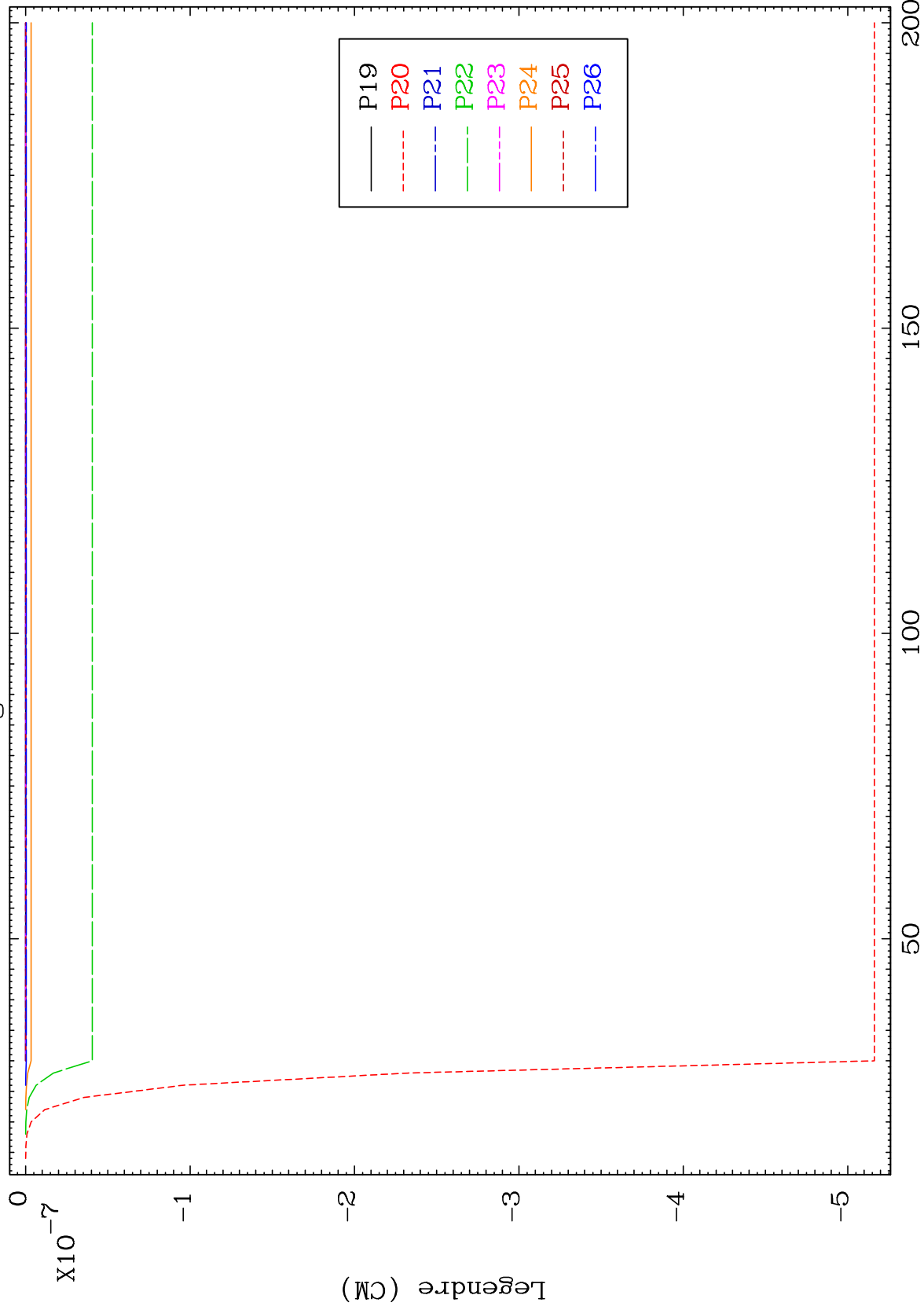
37-Rb-92



MAT 3746

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

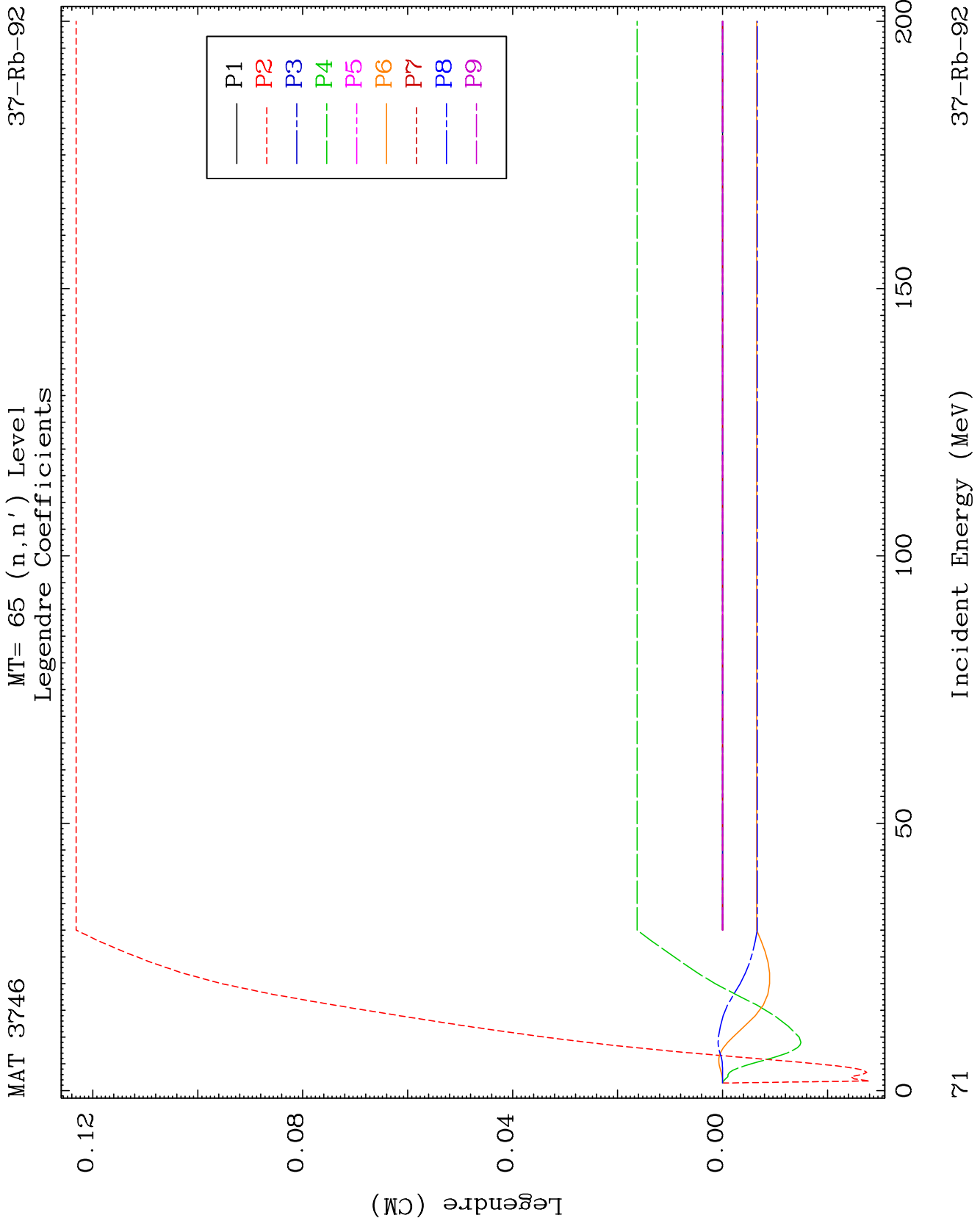
37-Rb-92



70

Incident Energy (MeV)

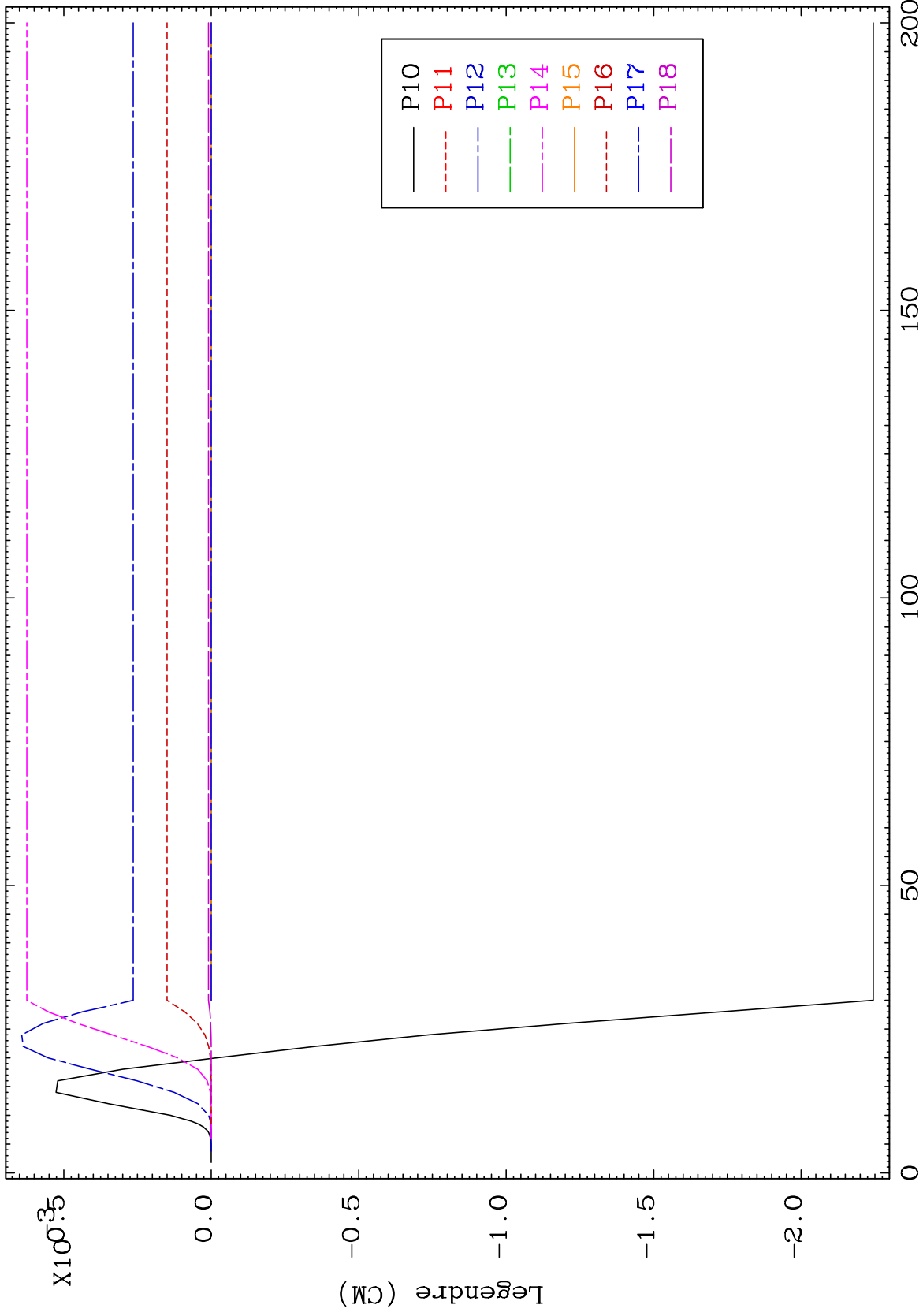
37-Rb-92



MAT 3746

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

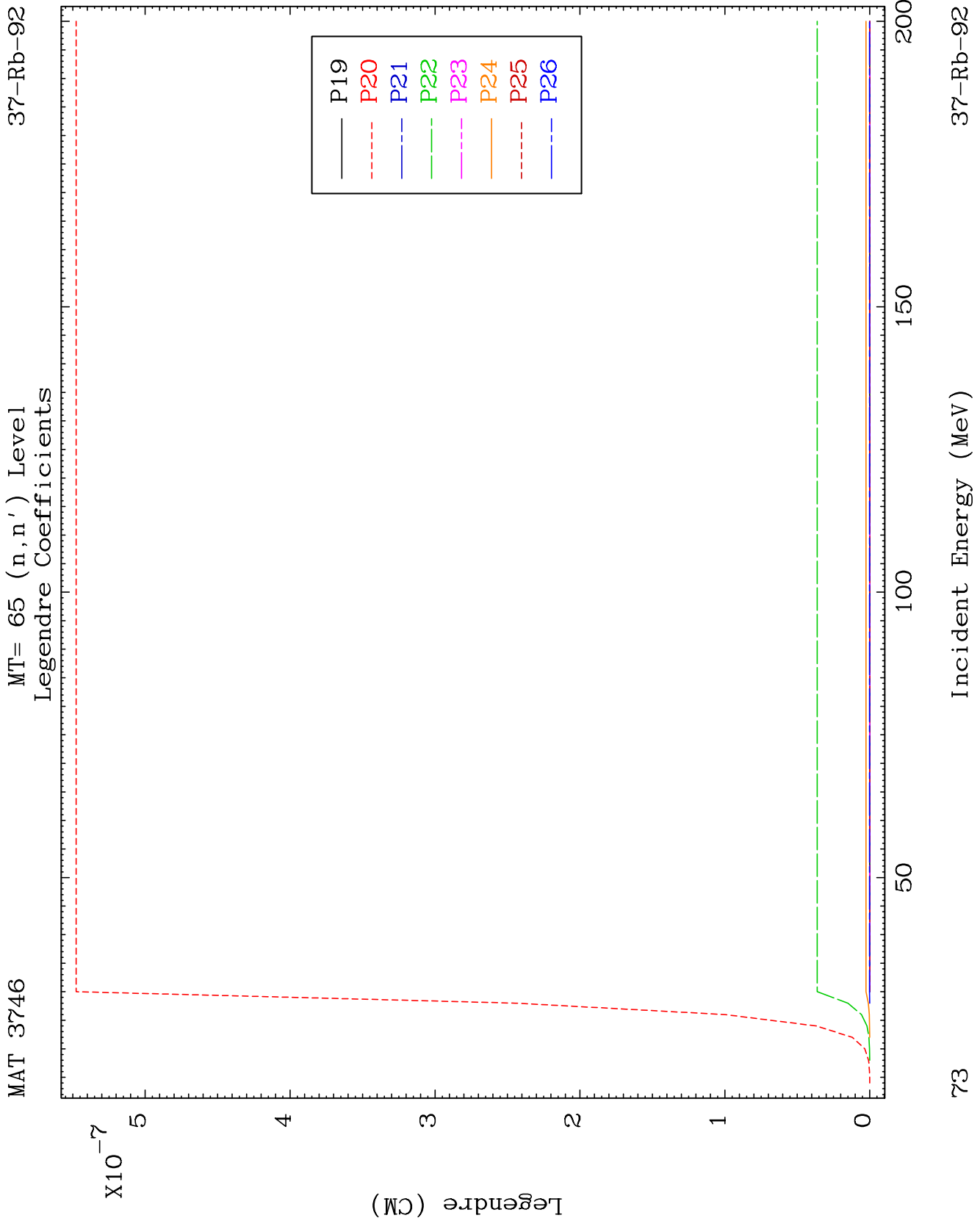
37-Rb-92

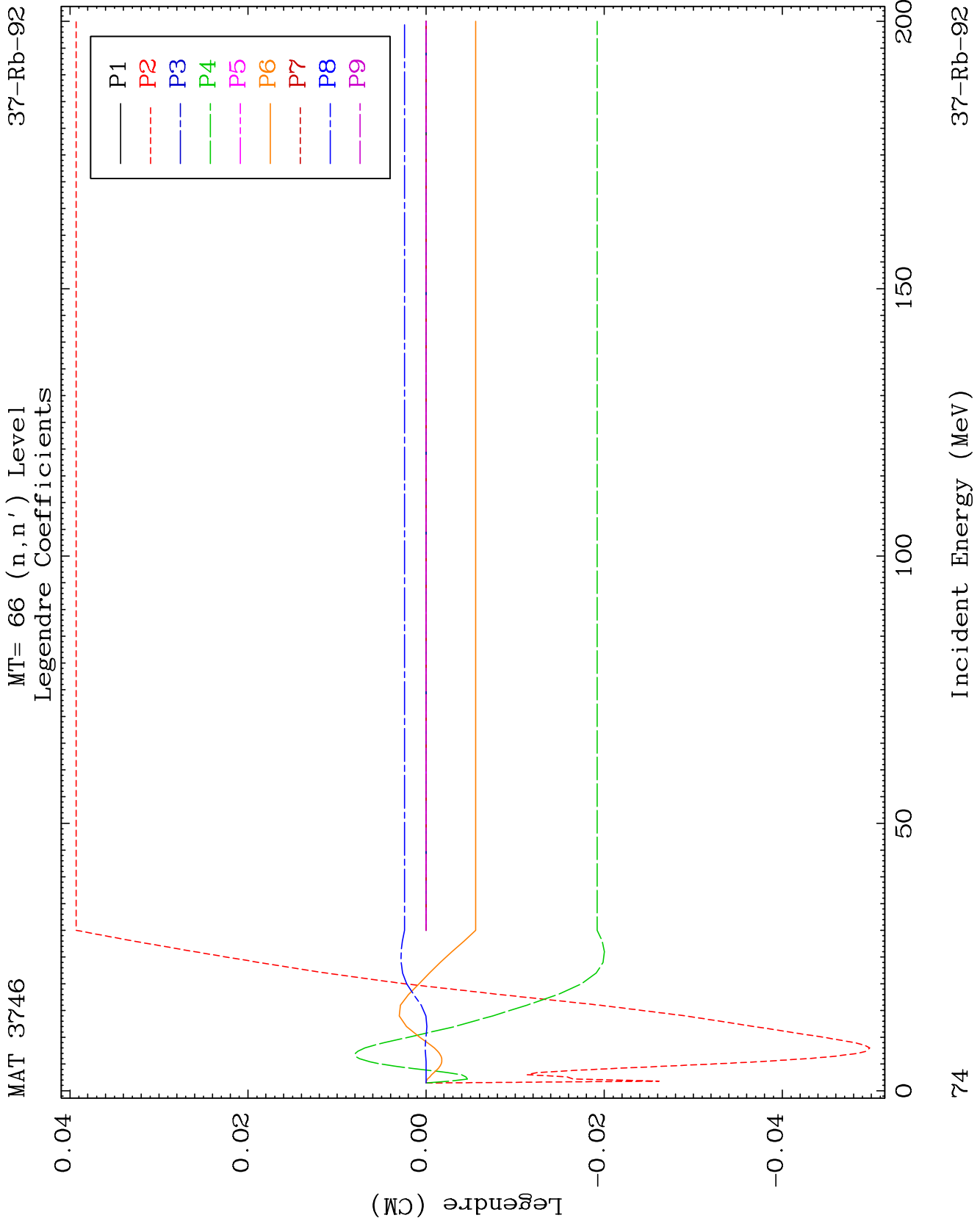


72

Incident Energy (MeV)

37-Rb-92

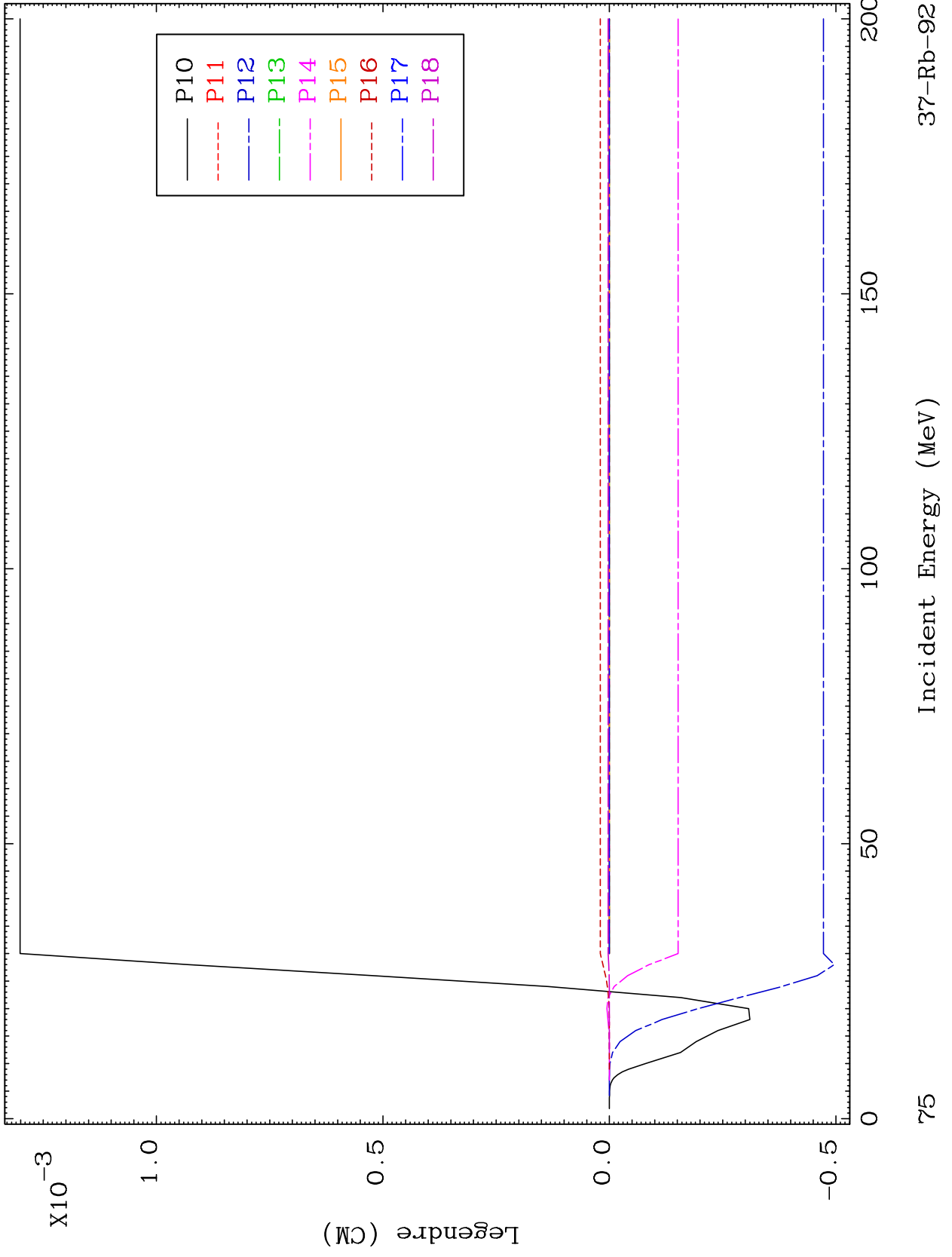




MAT 3746

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

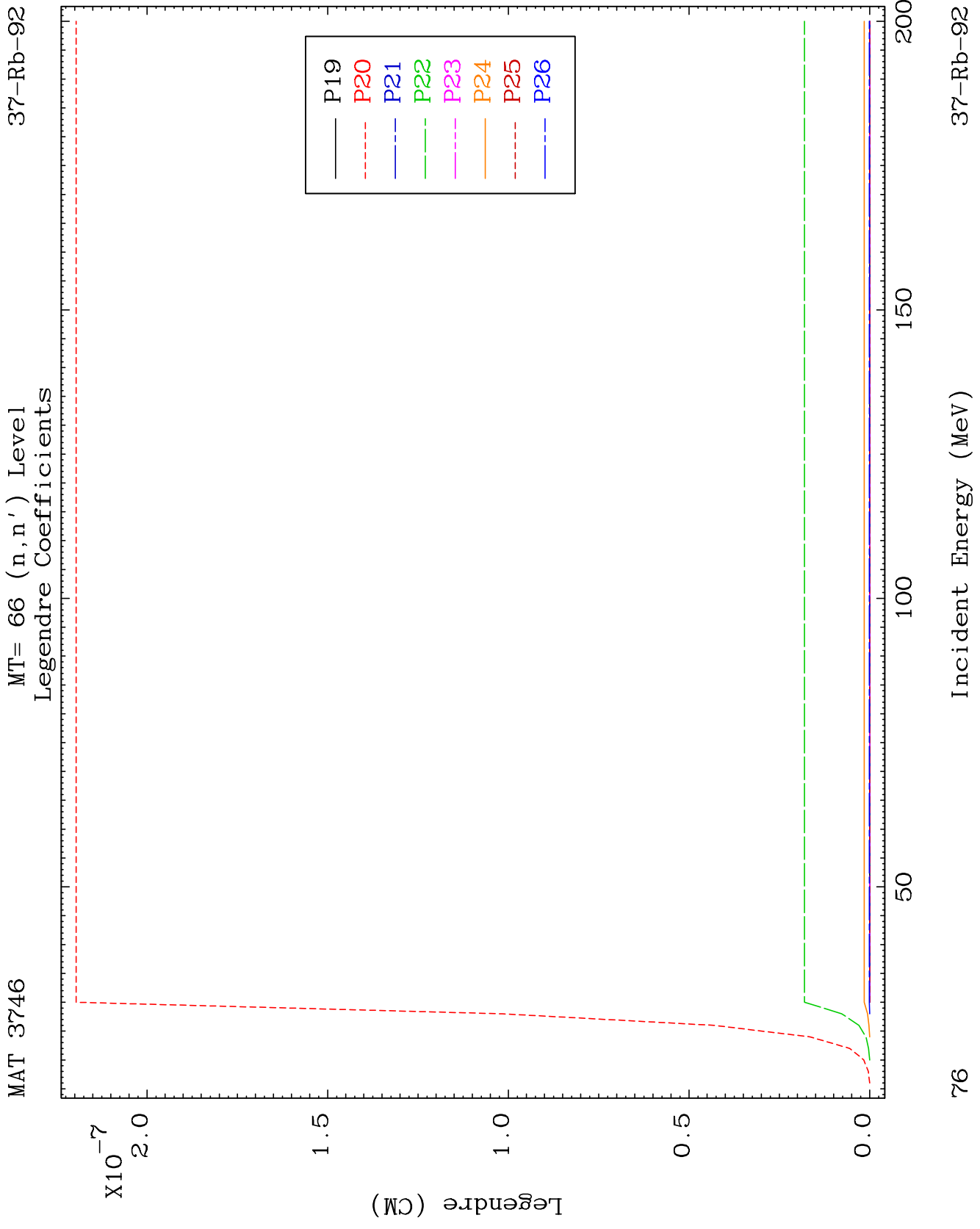
37-Rb-92



75

Incident Energy (MeV)

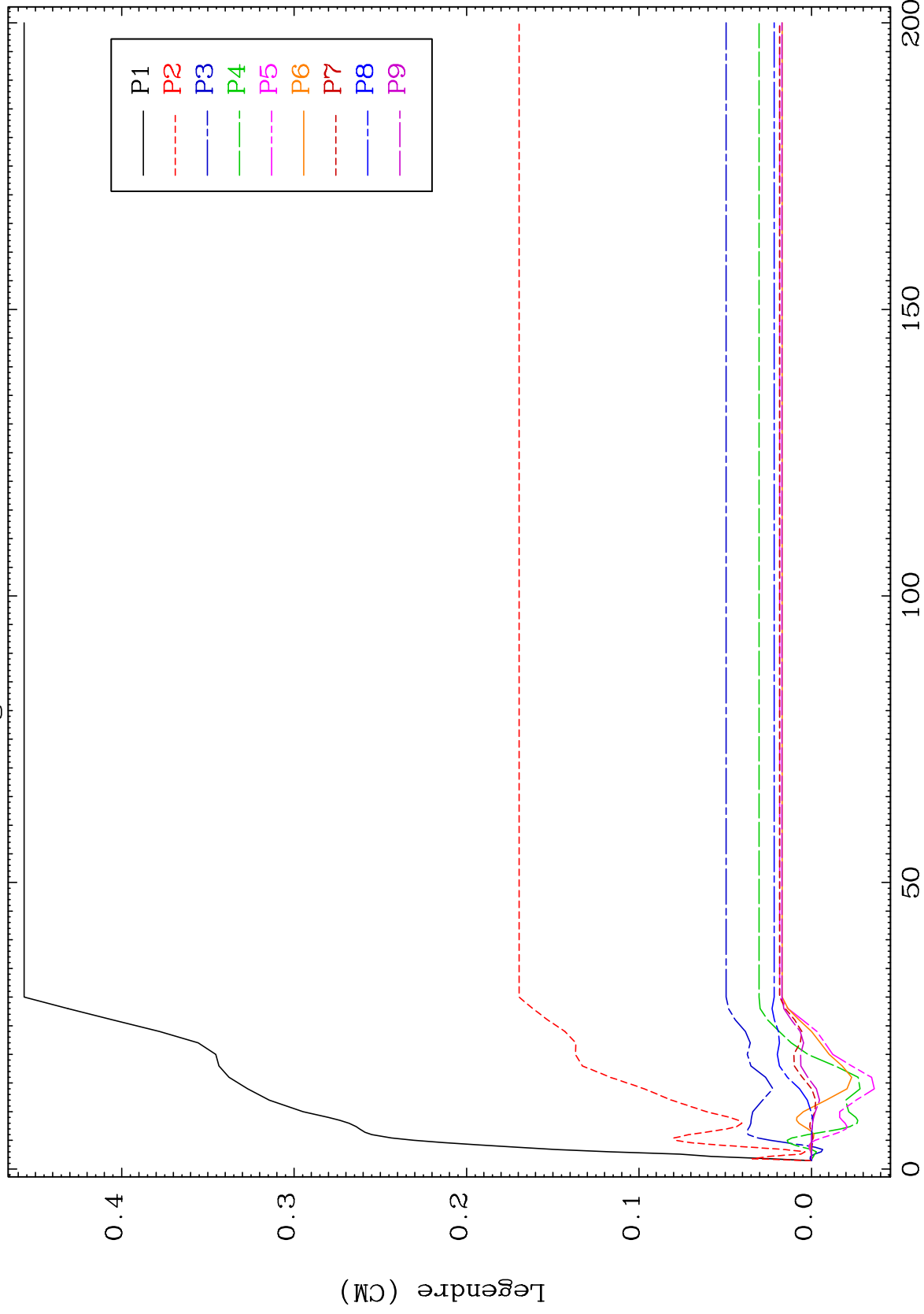
37-Rb-92



MAT 3746

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

37-Rb-92



77

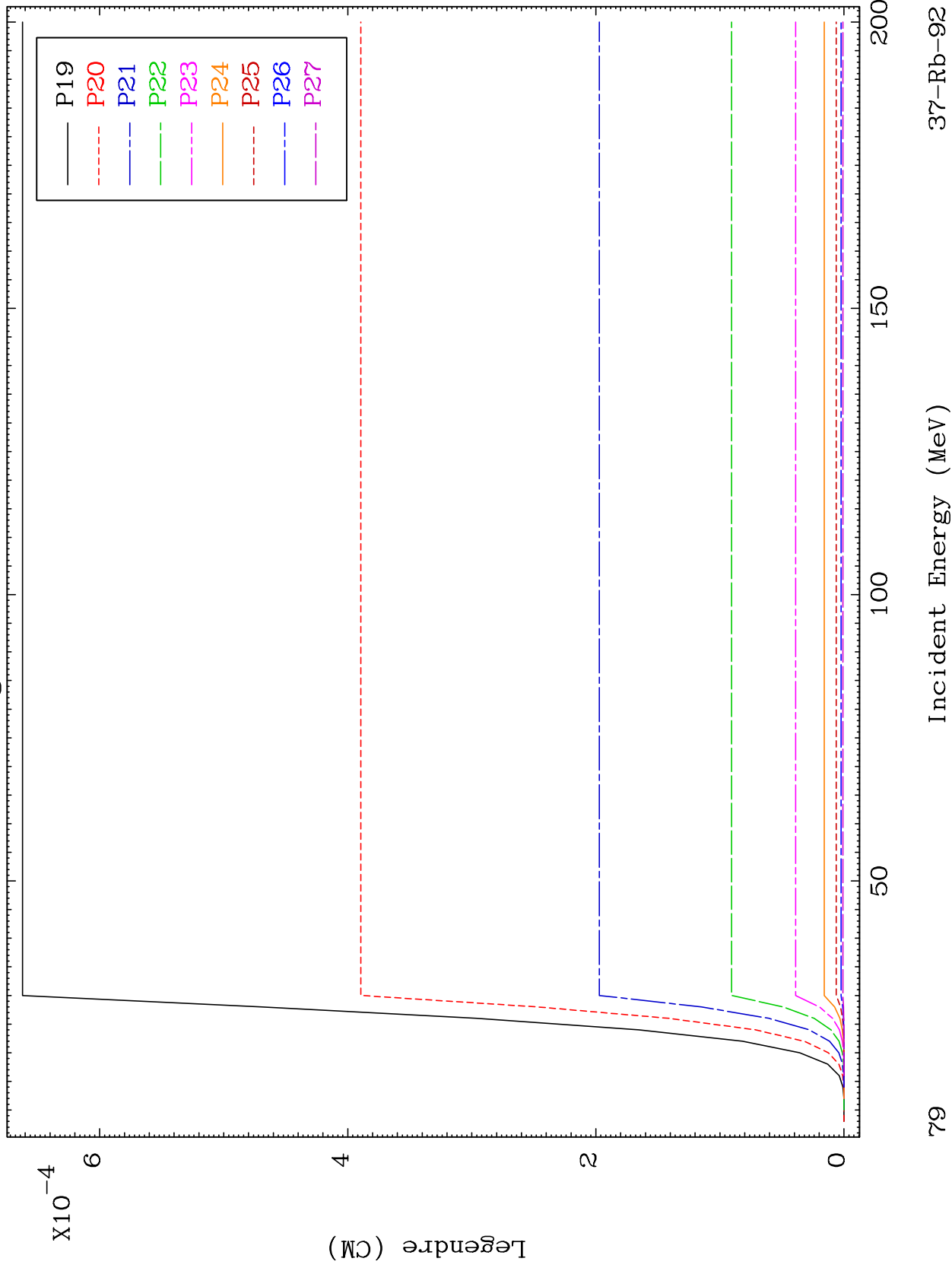
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

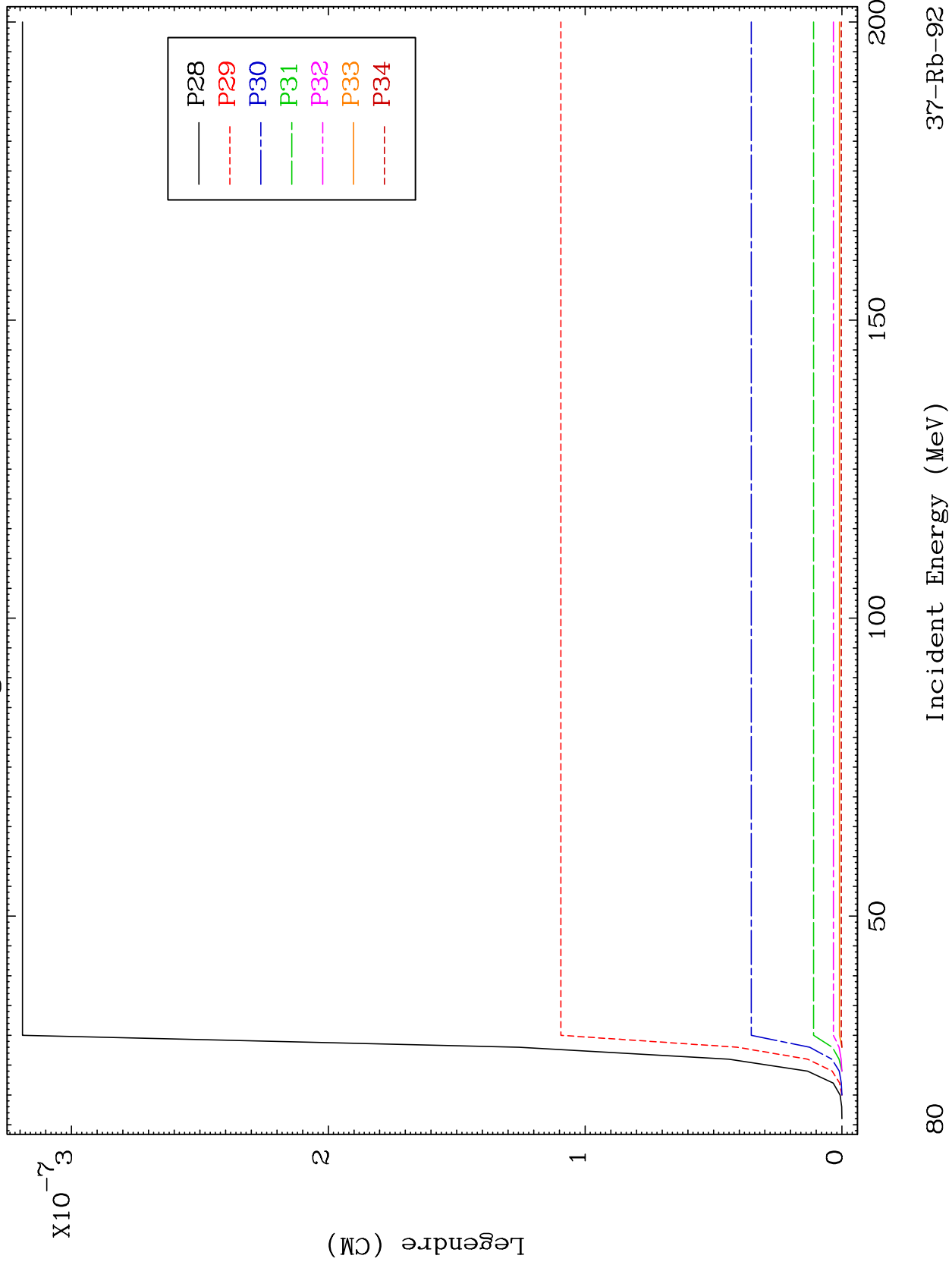
37-Rb-92



MAT 3746

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

37-Rb-92



37-Rb-92

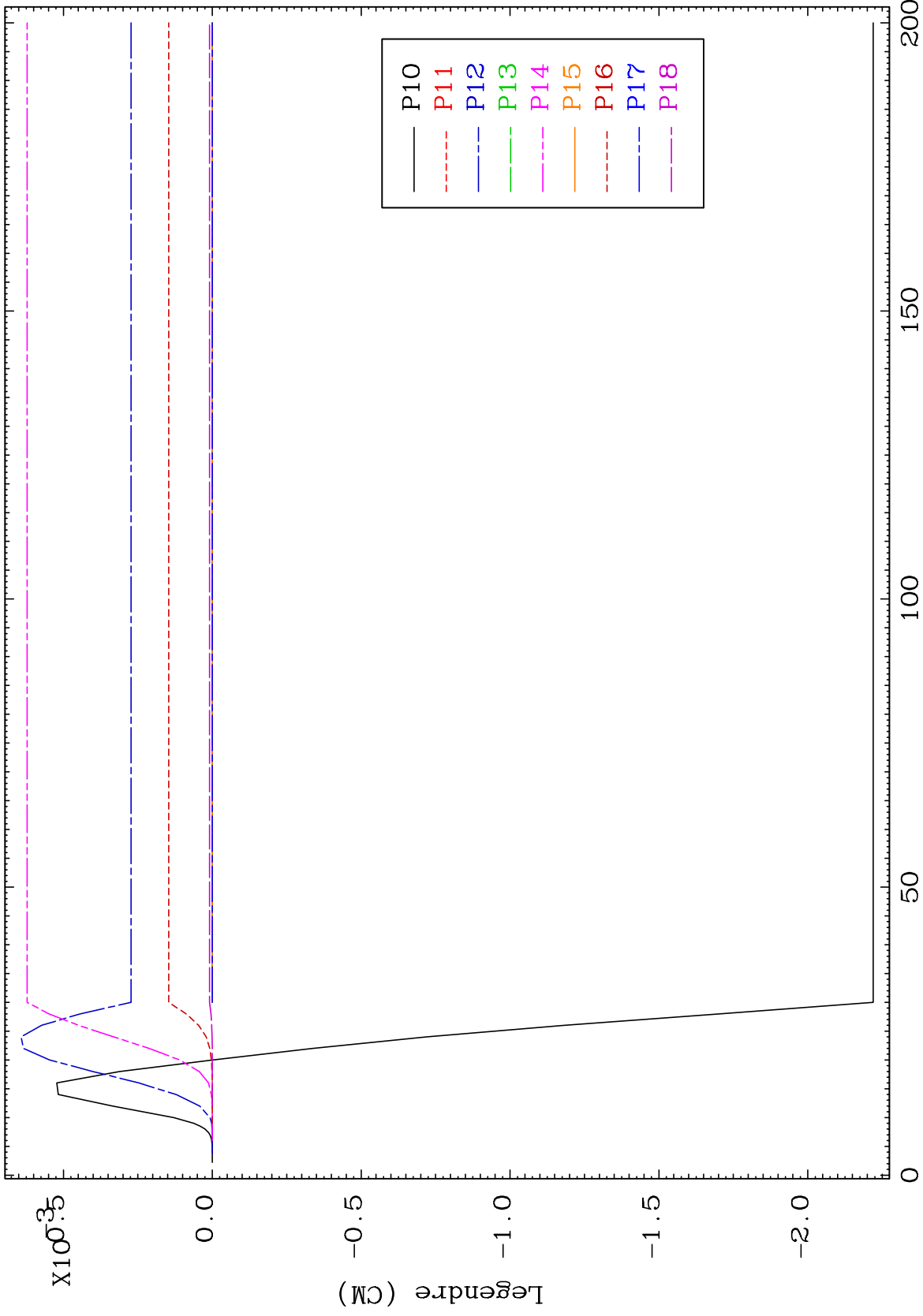
Incident Energy (MeV)

80

MAT 3746

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

37-Rb-92



82

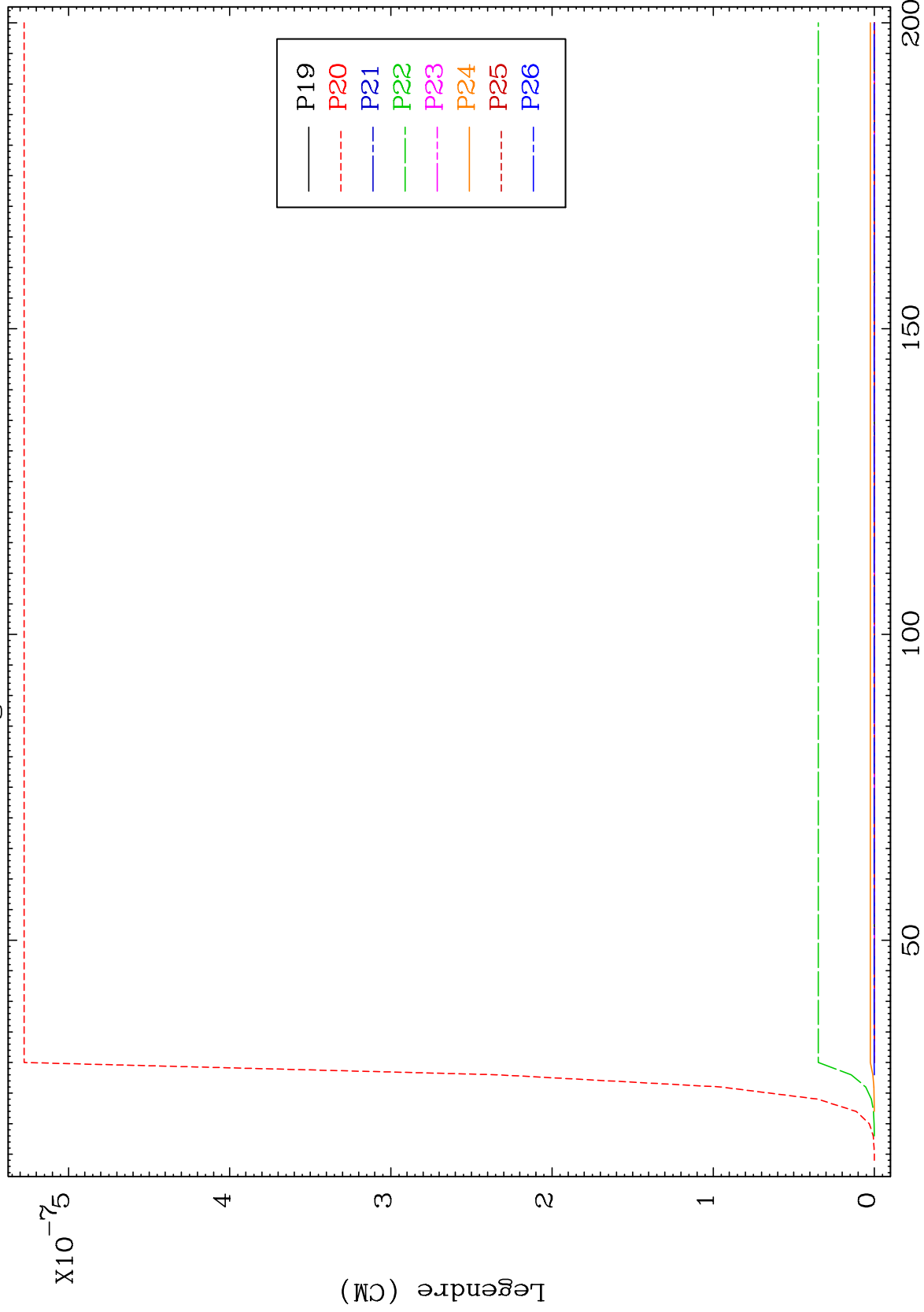
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



83

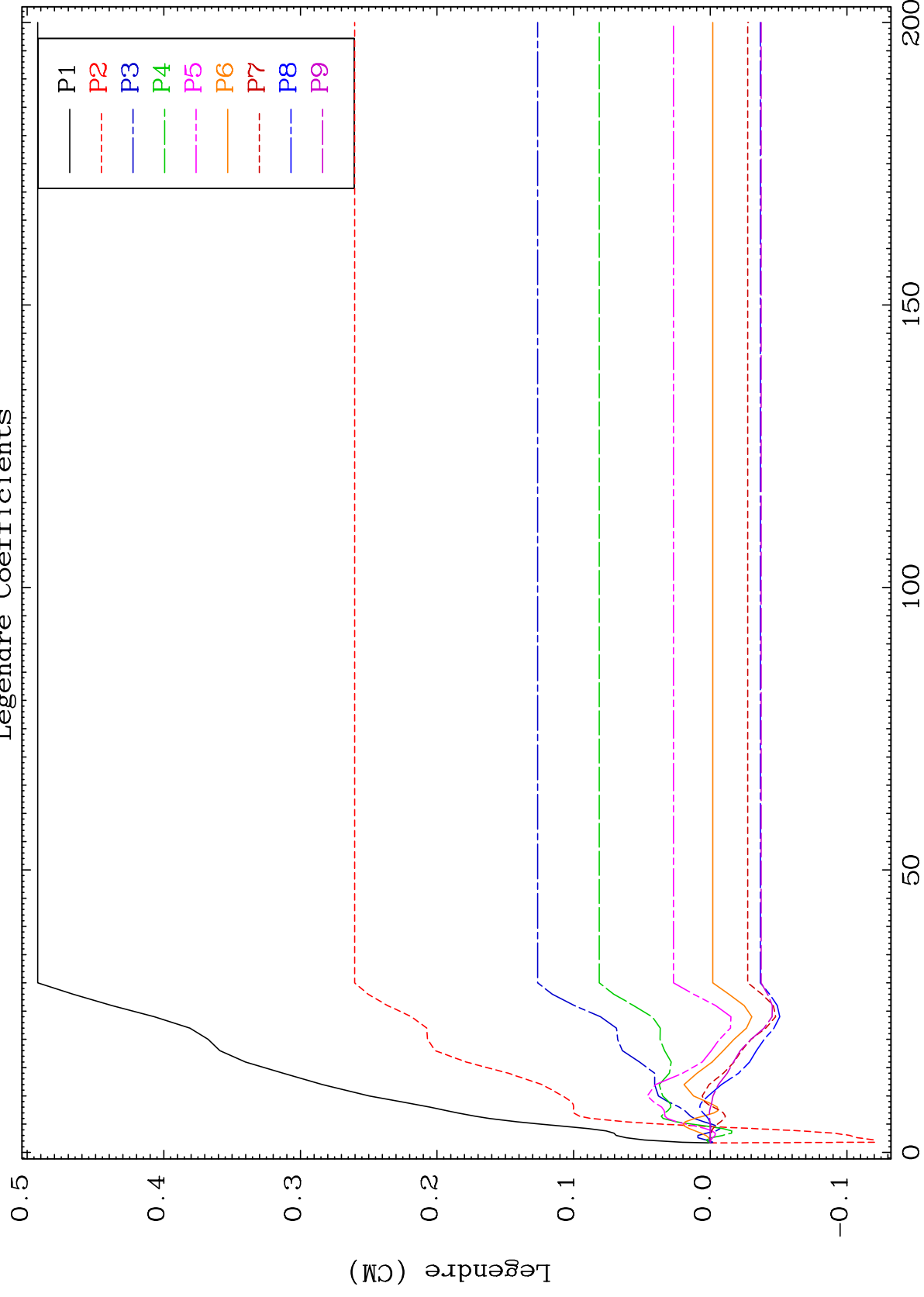
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



84

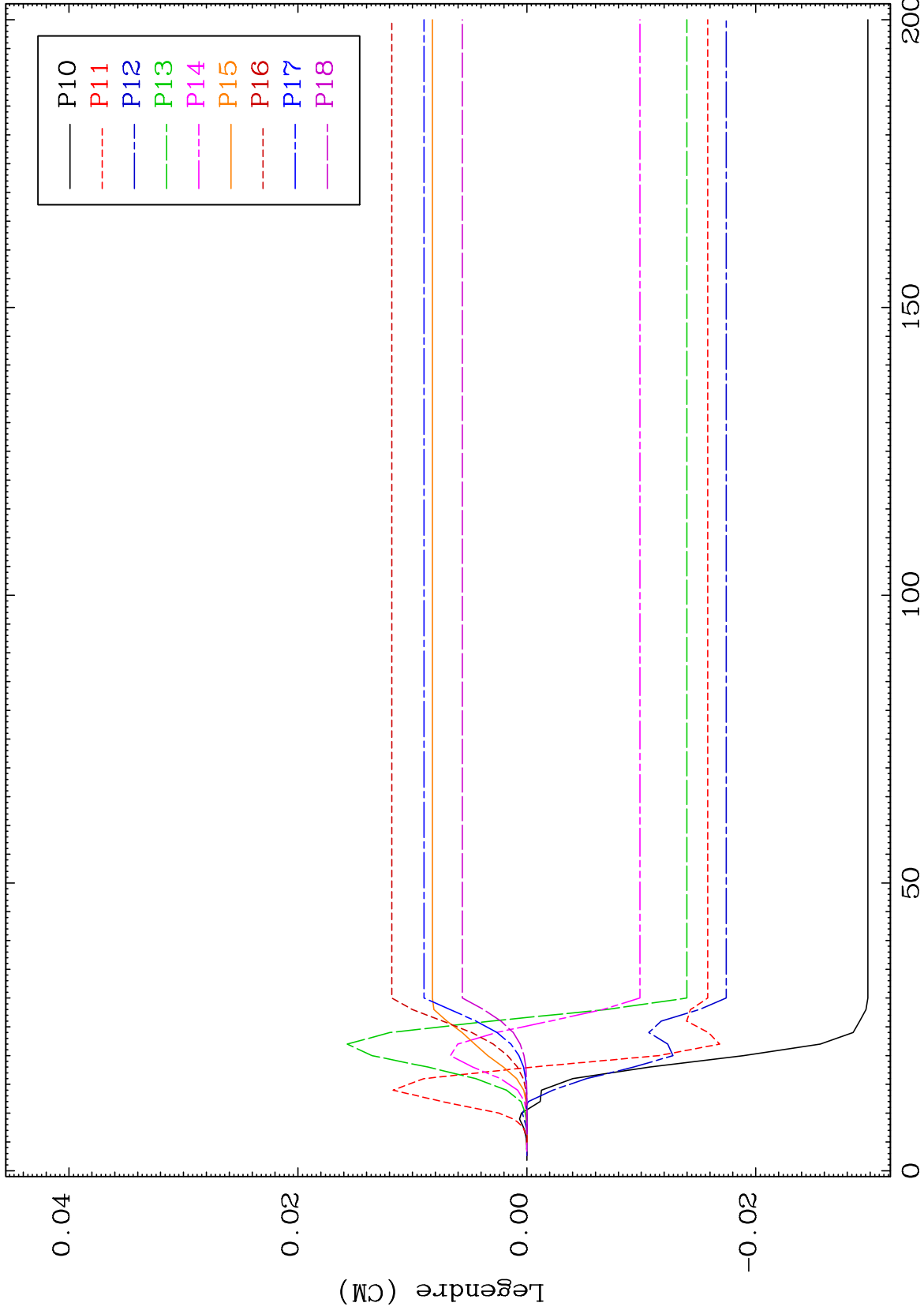
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

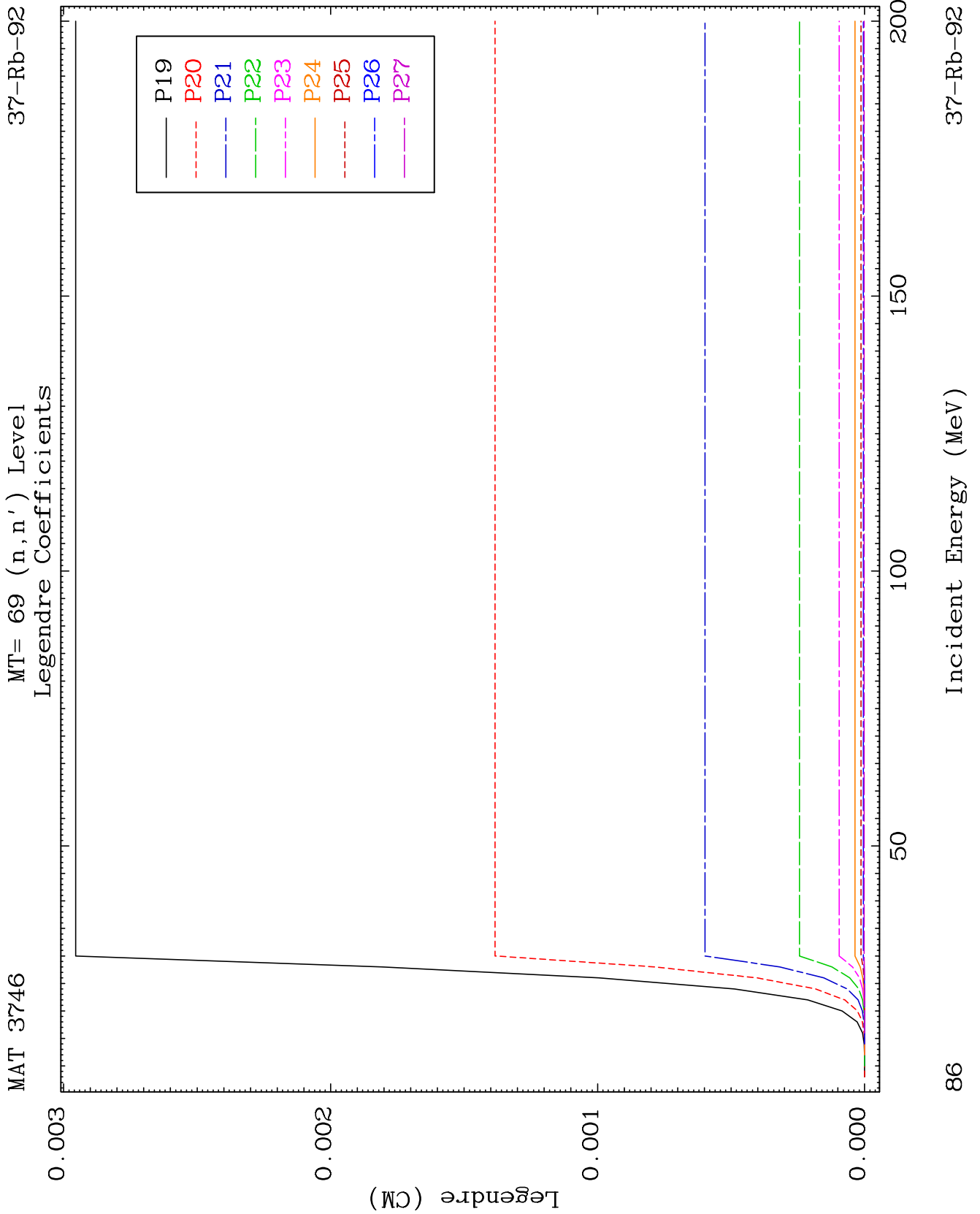
37-Rb-92



85

Incident Energy (MeV)

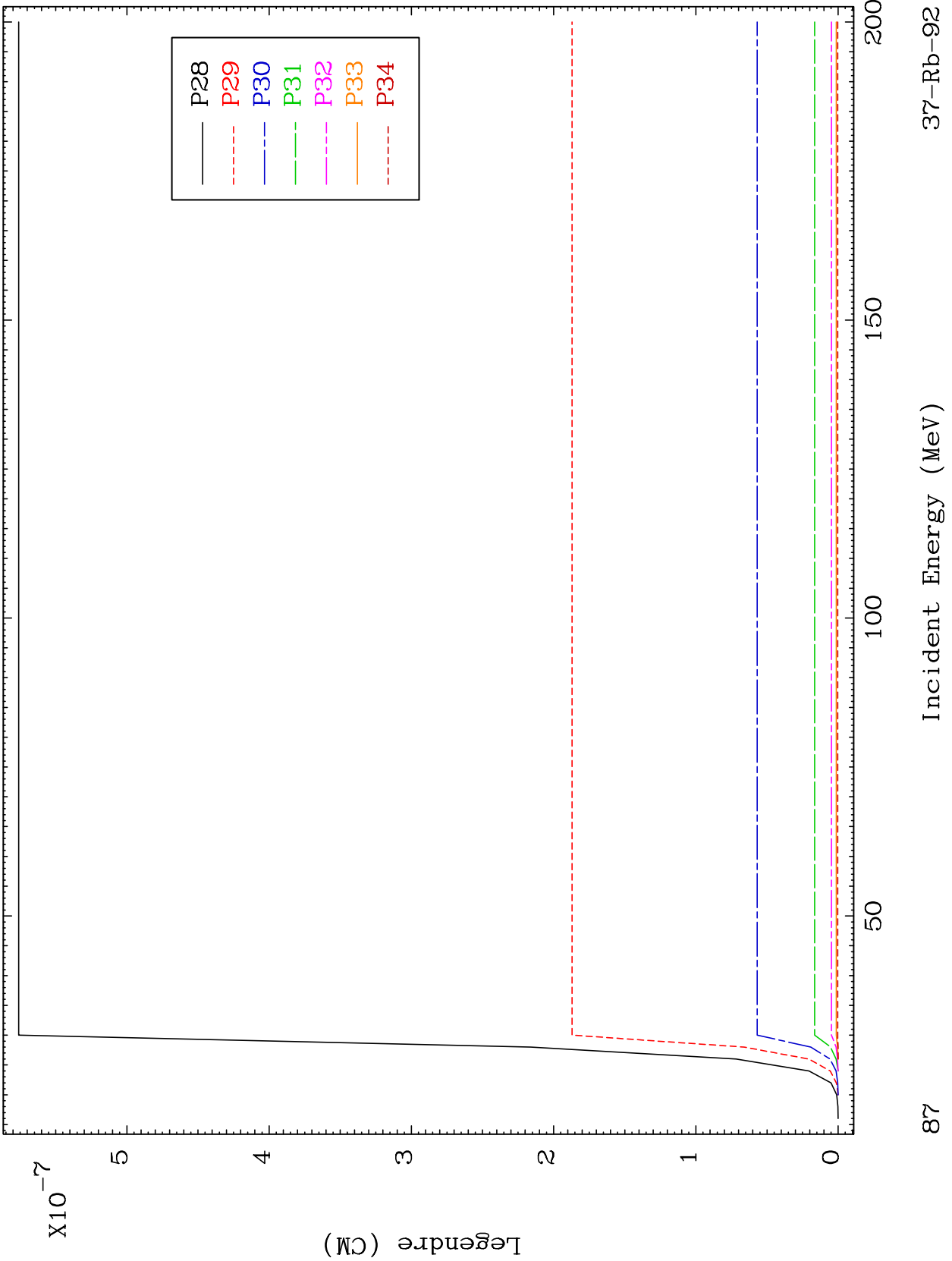
37-Rb-92



MAT 3746

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

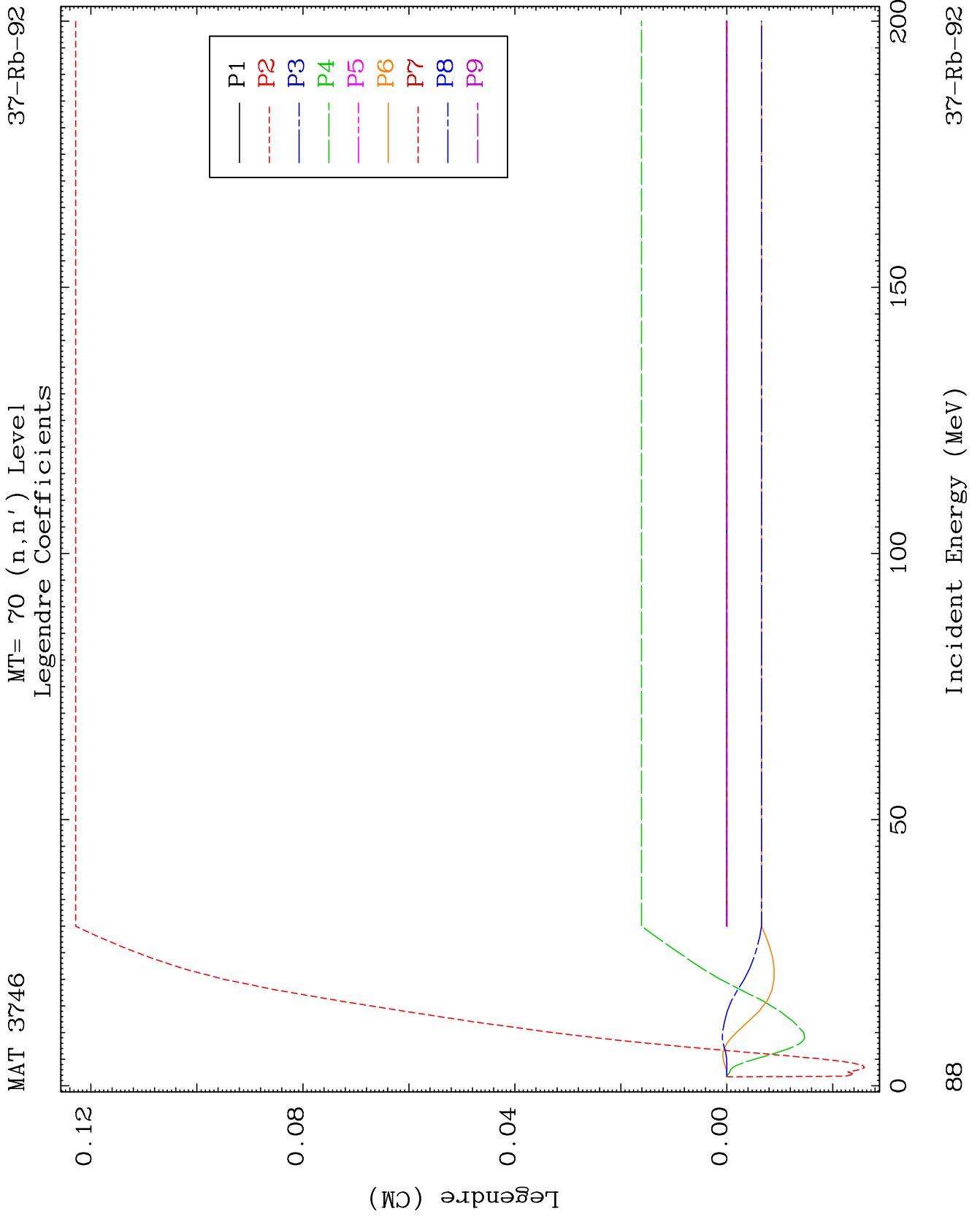
37-Rb-92



87

Incident Energy (MeV)

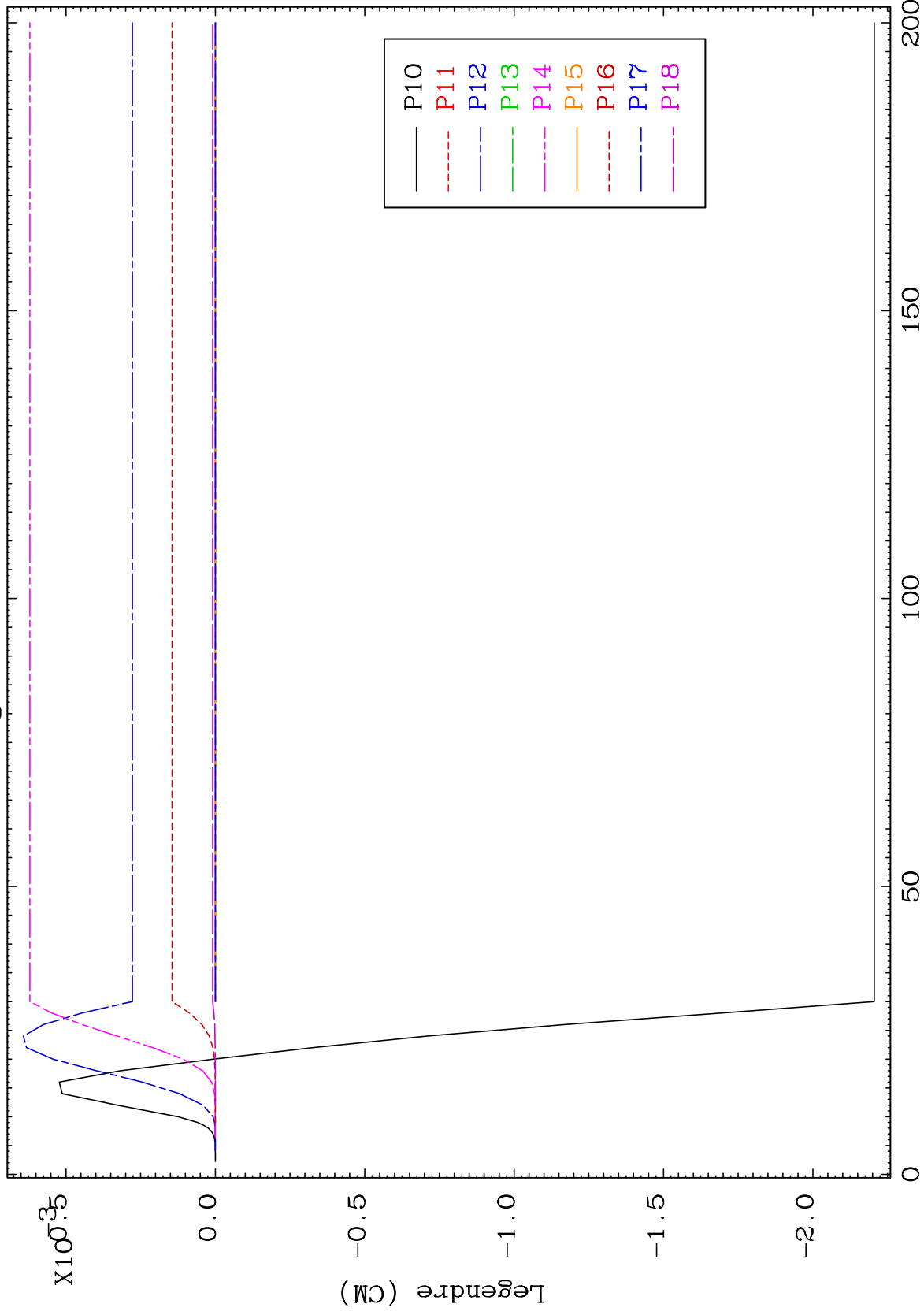
37-Rb-92



MAT 3746

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

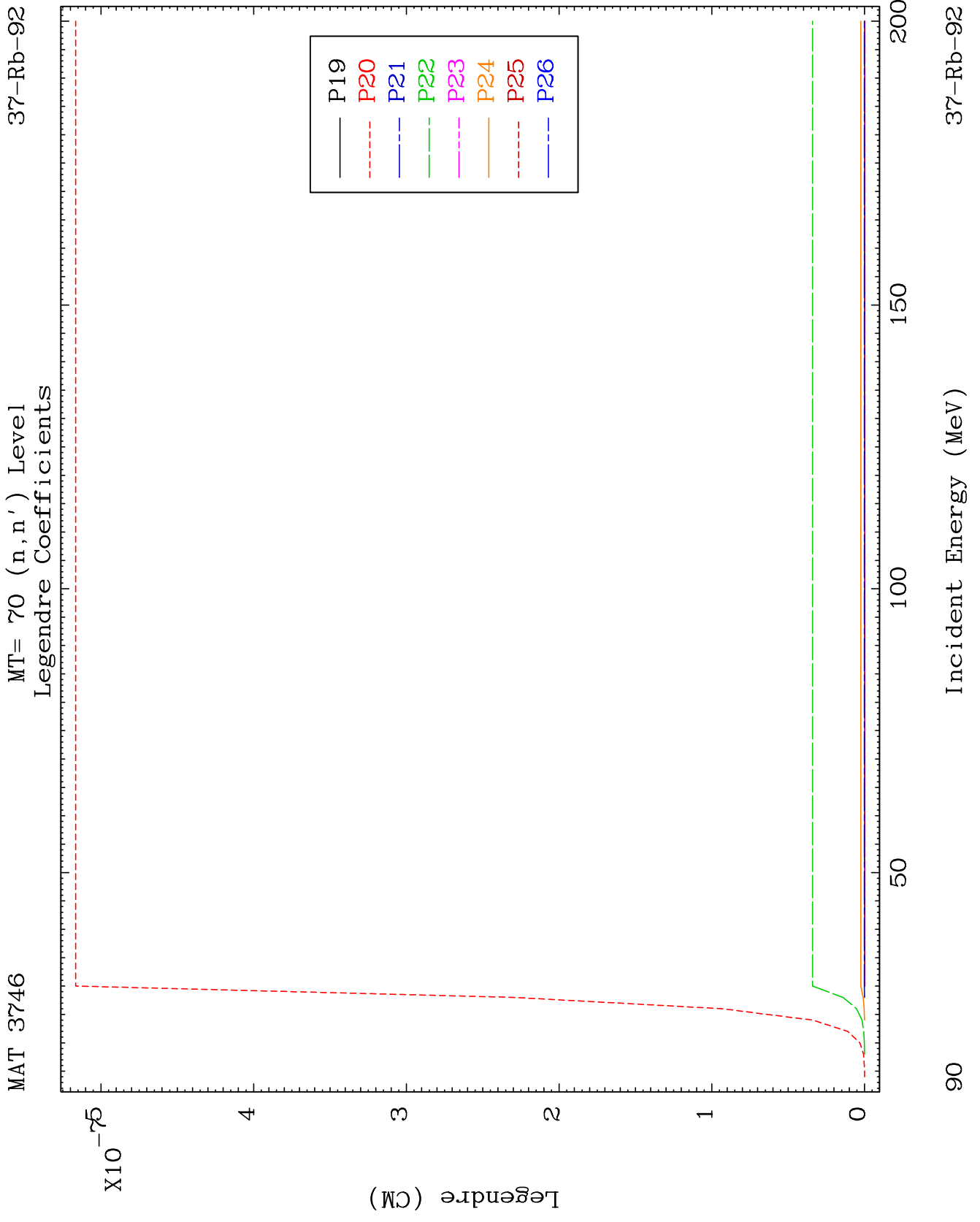
37-Rb-92



89

Incident Energy (MeV)

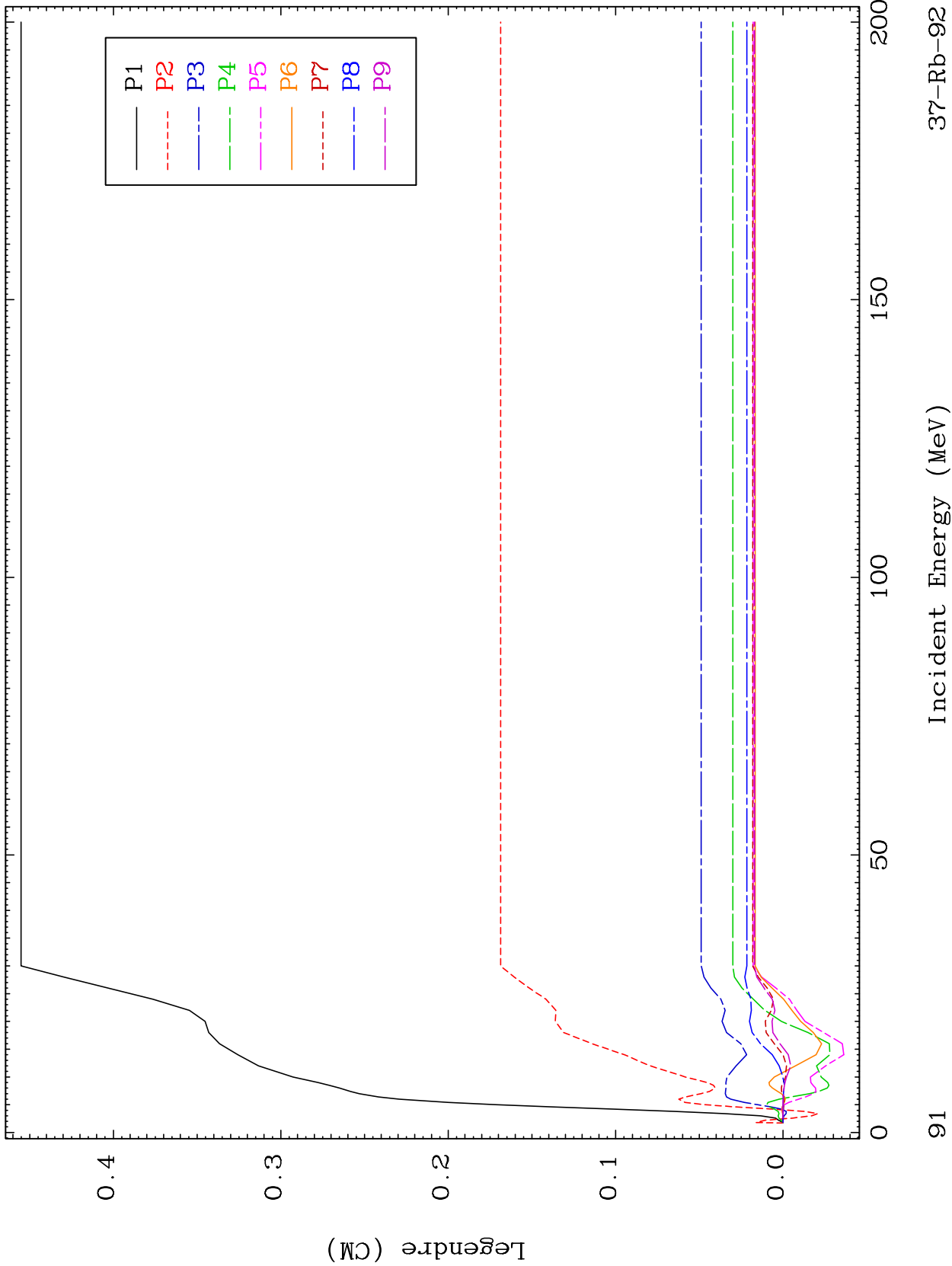
37-Rb-92



MAT 3746

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

37-Rb-92



91

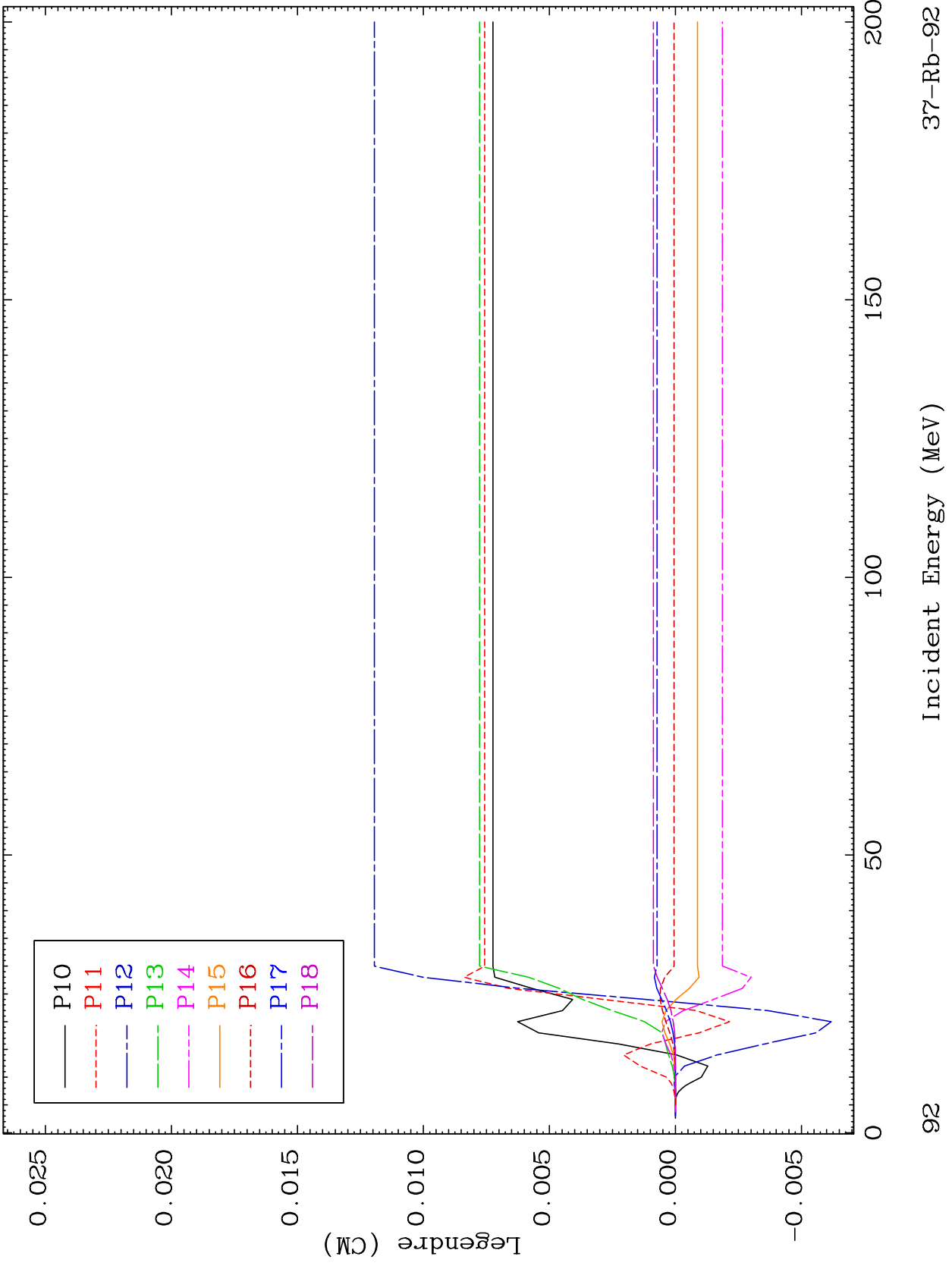
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

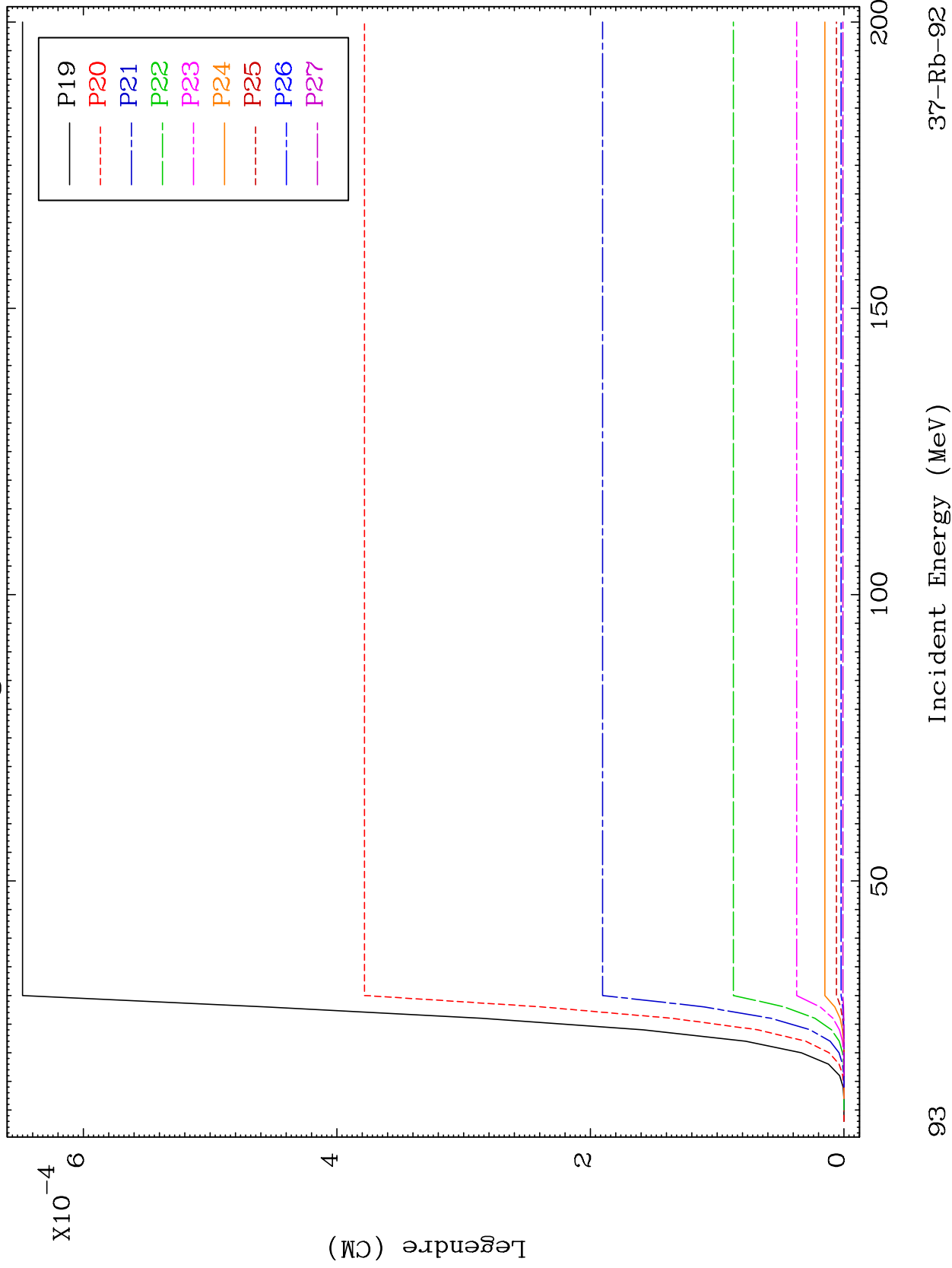
37-Rb-92



MAT 3746

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

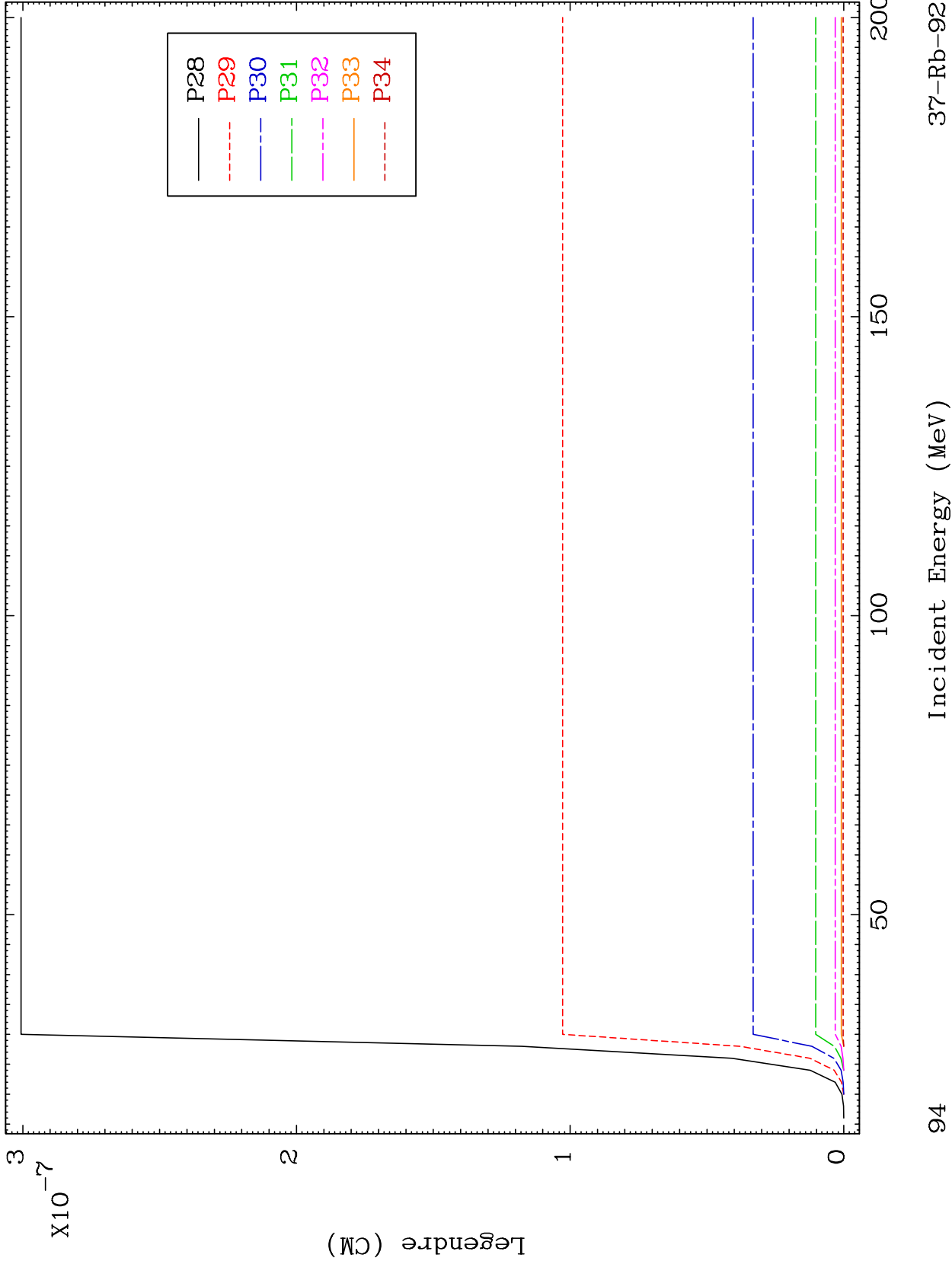
37-Rb-92



MAT 3746

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

37-Rb-92



94

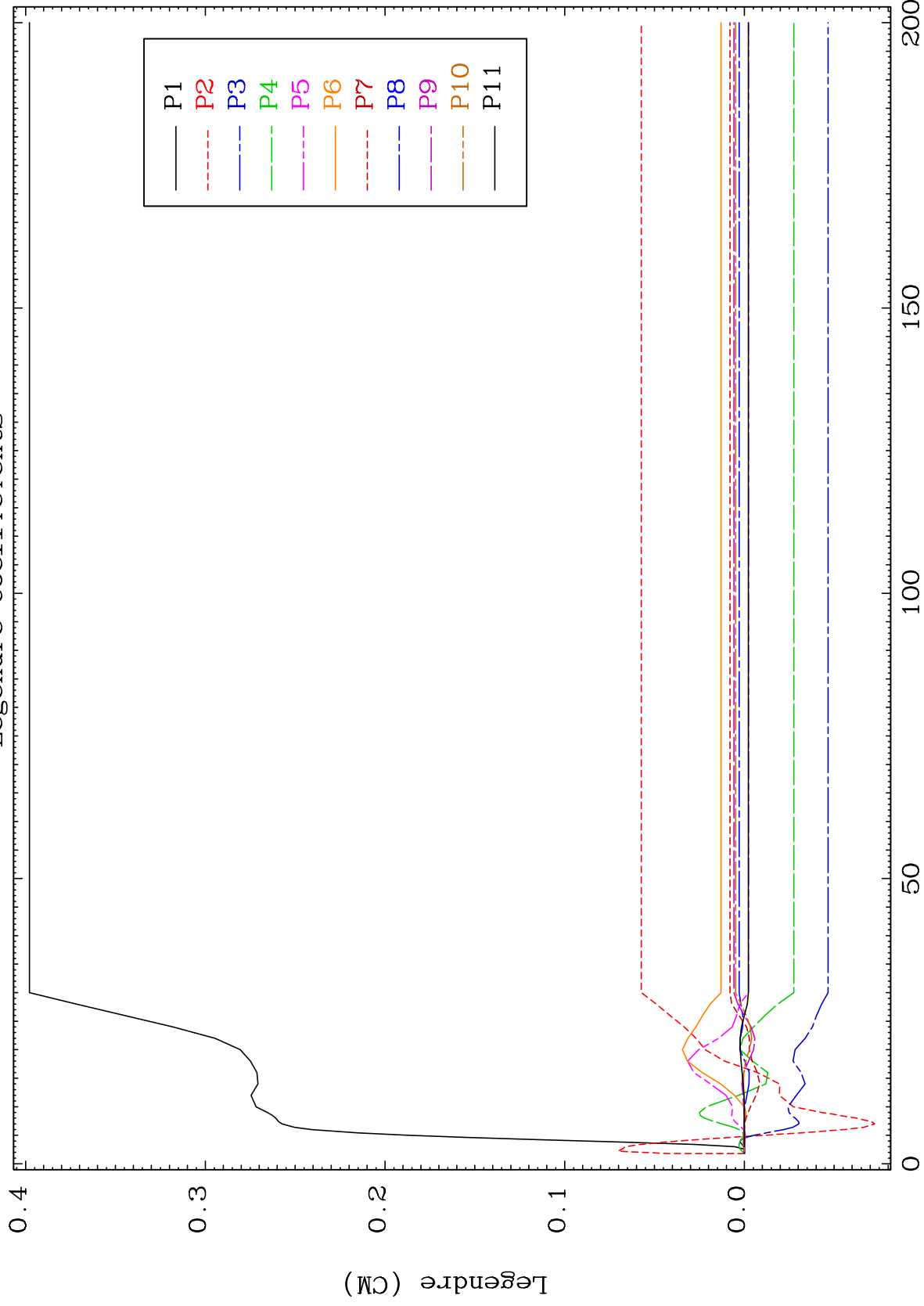
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



95

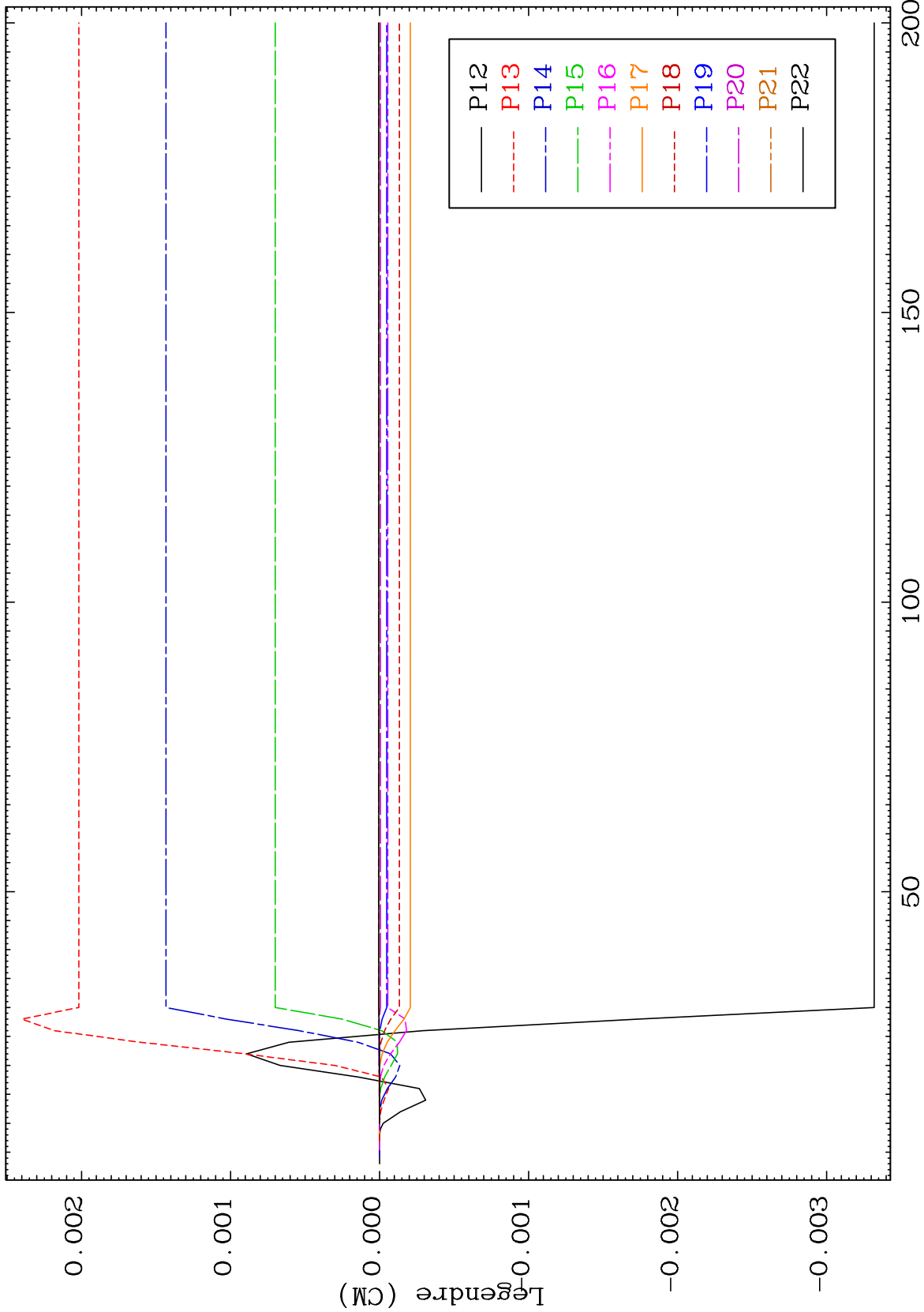
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

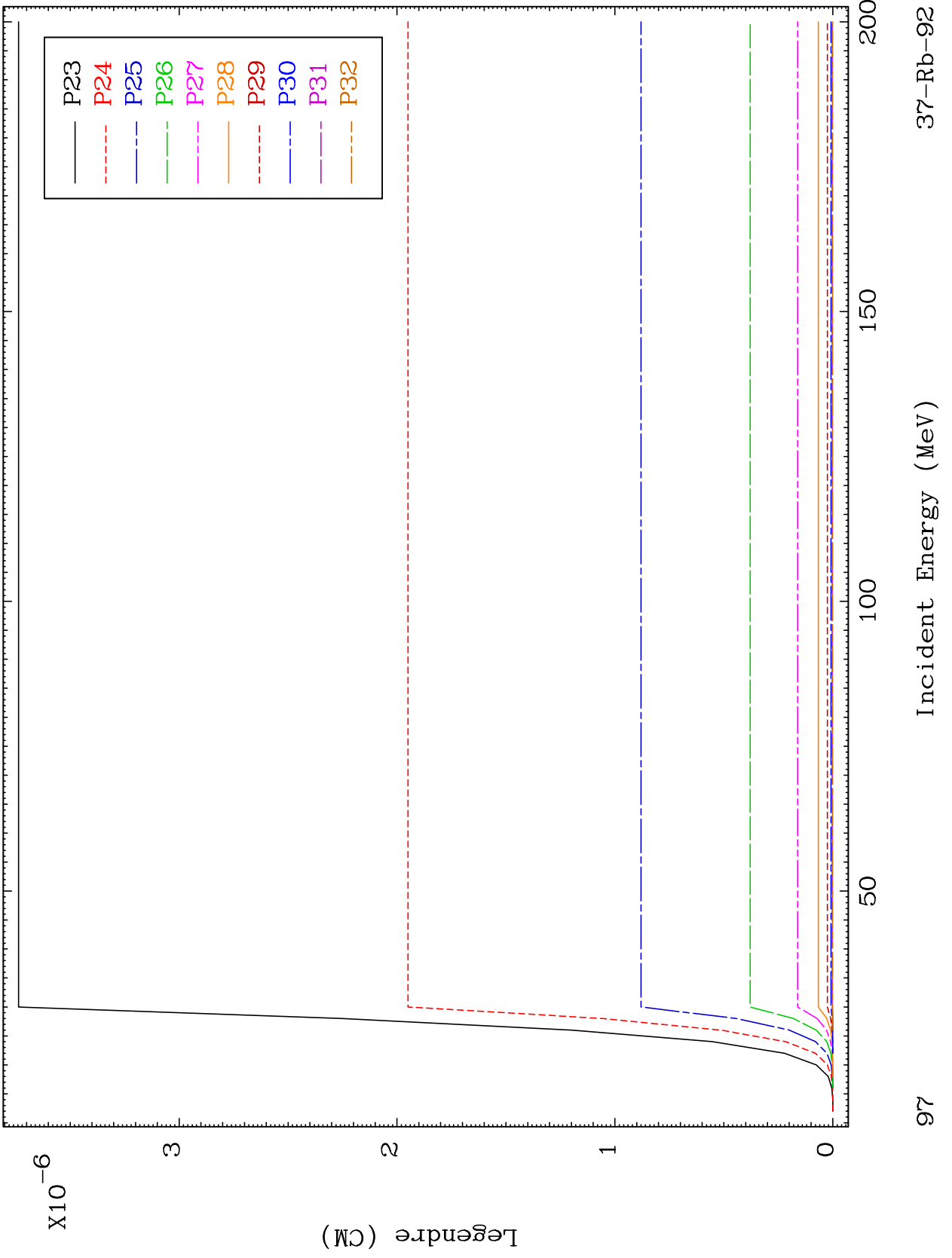
37-Rb-92



MAT 3746

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

37-Rb-92



97

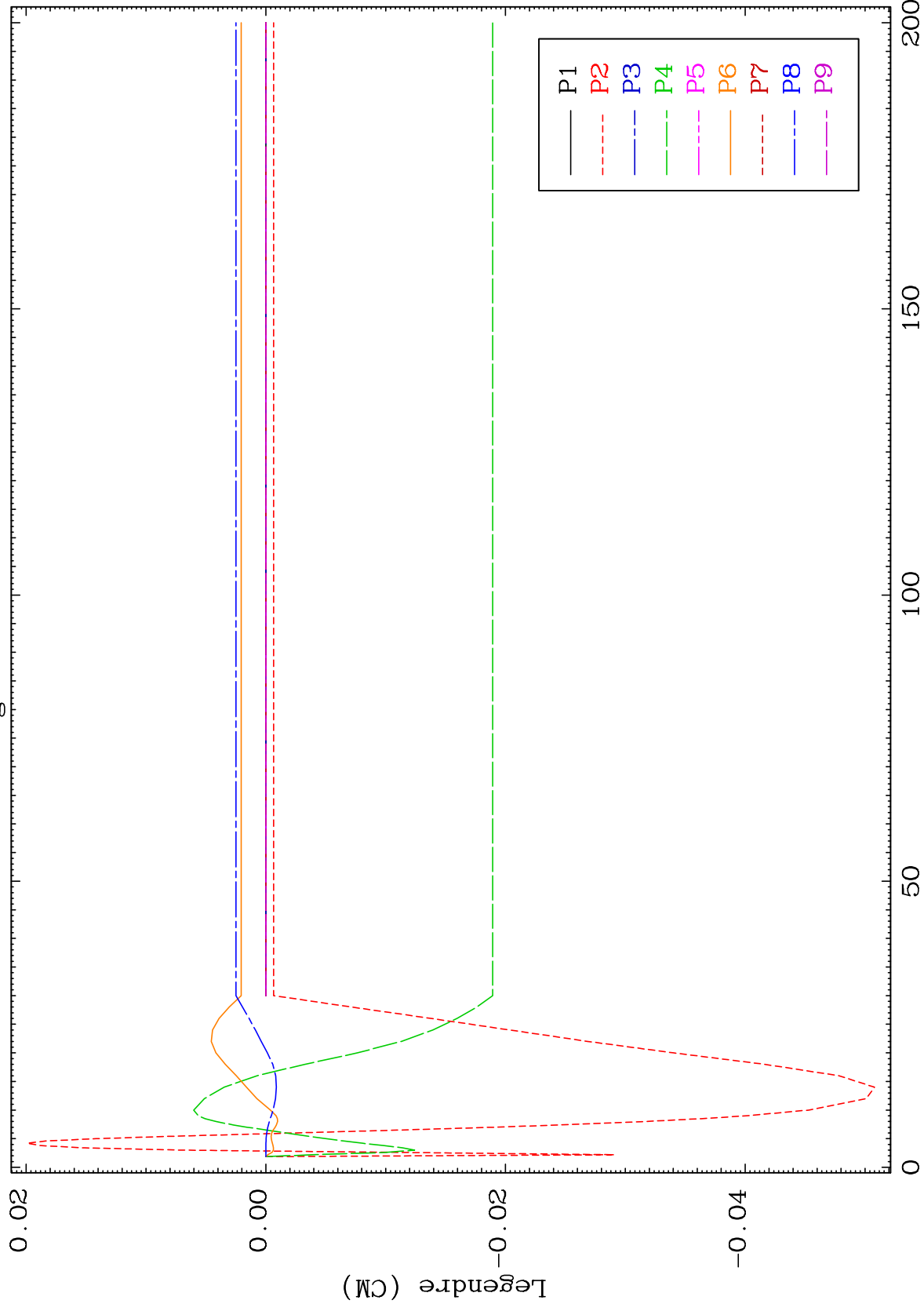
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



98

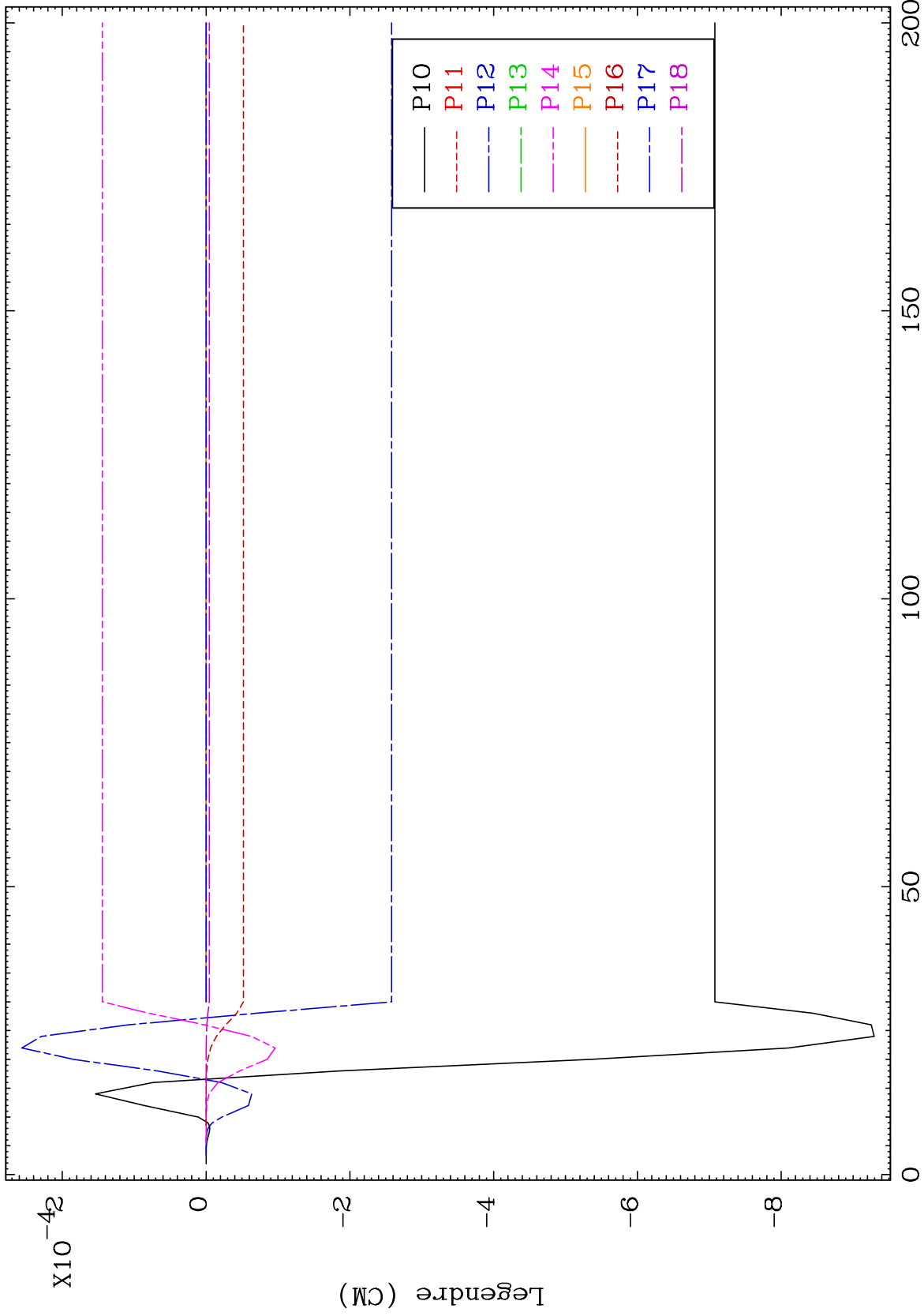
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

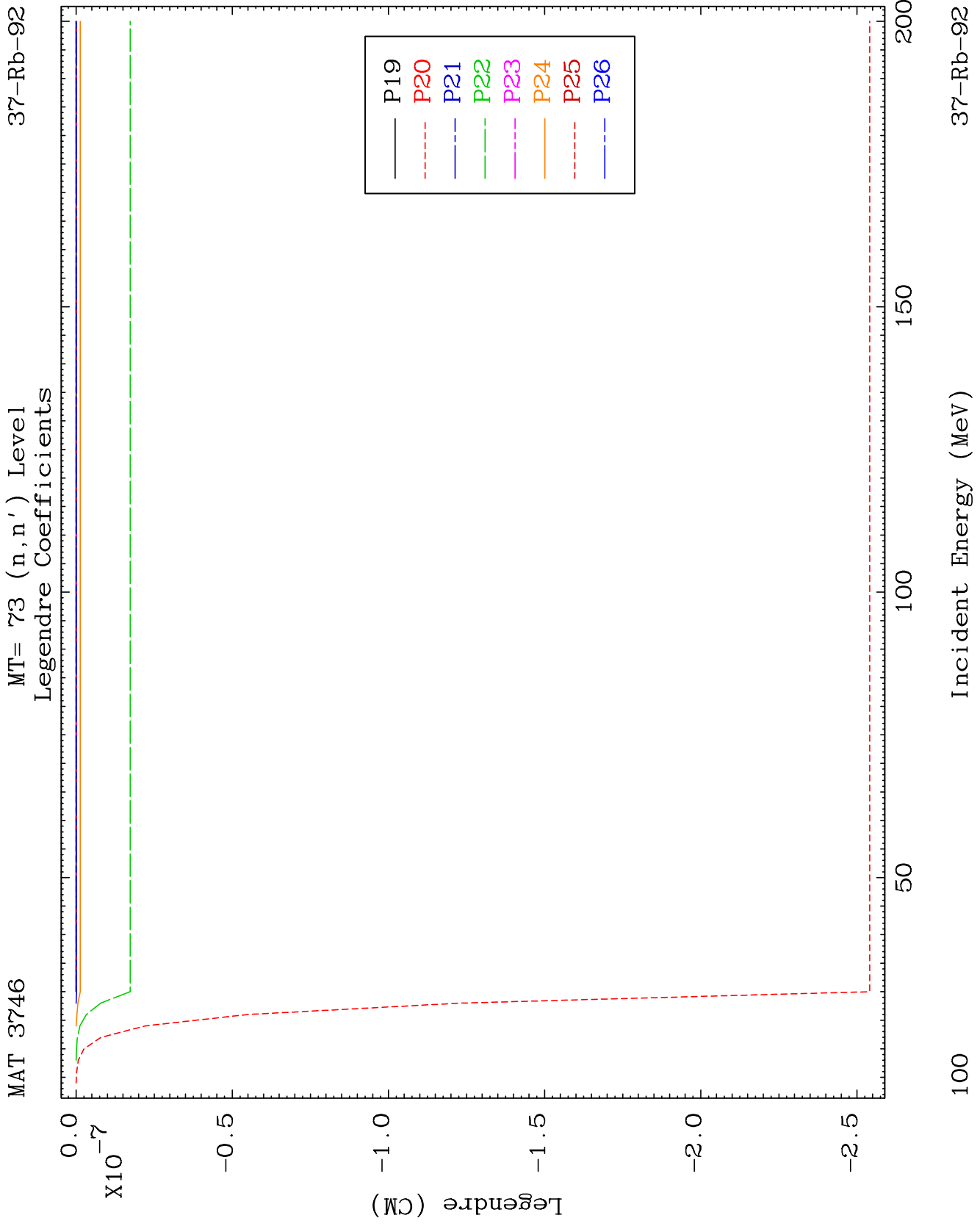
37-Rb-92

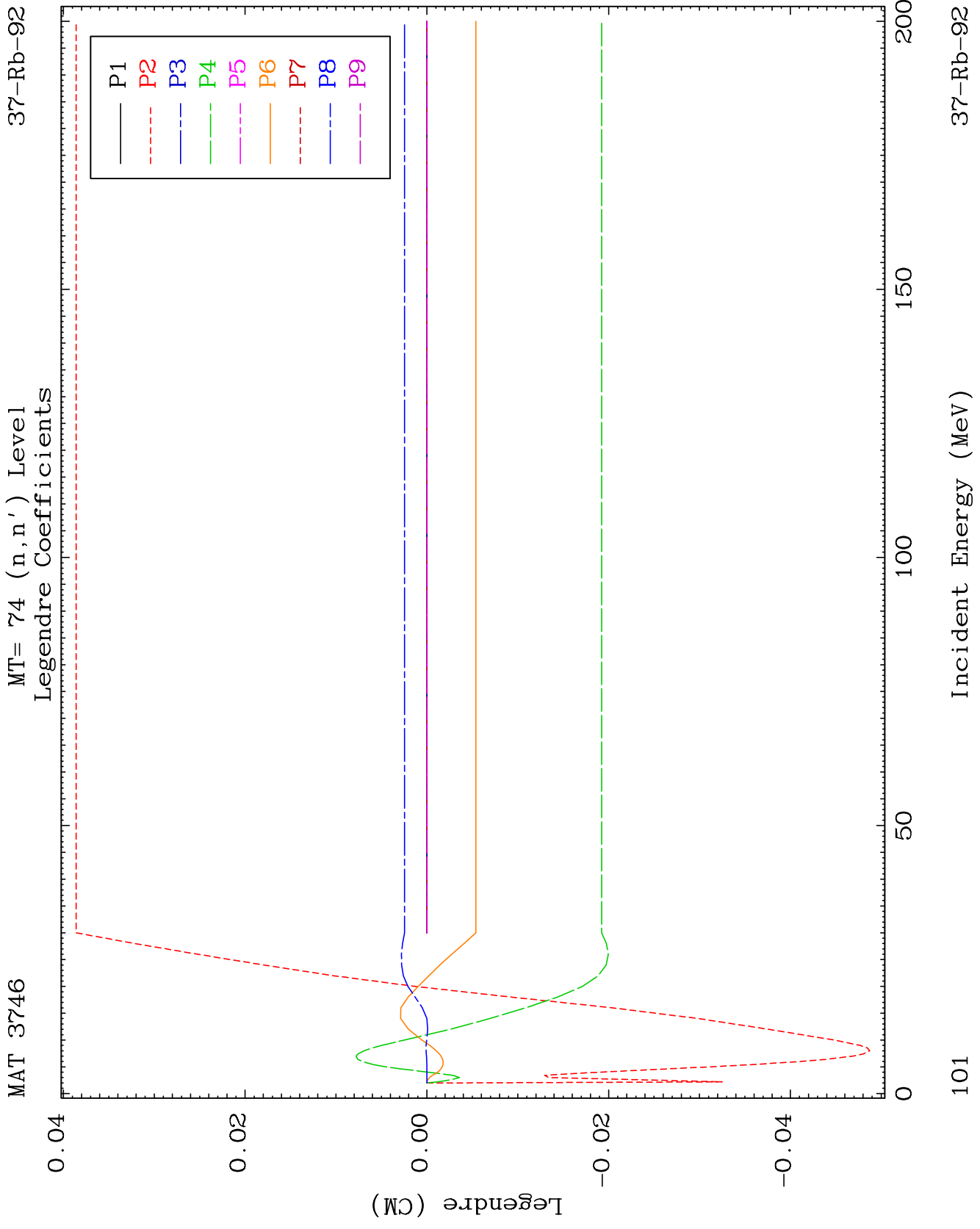


99

Incident Energy (MeV)

37-Rb-92

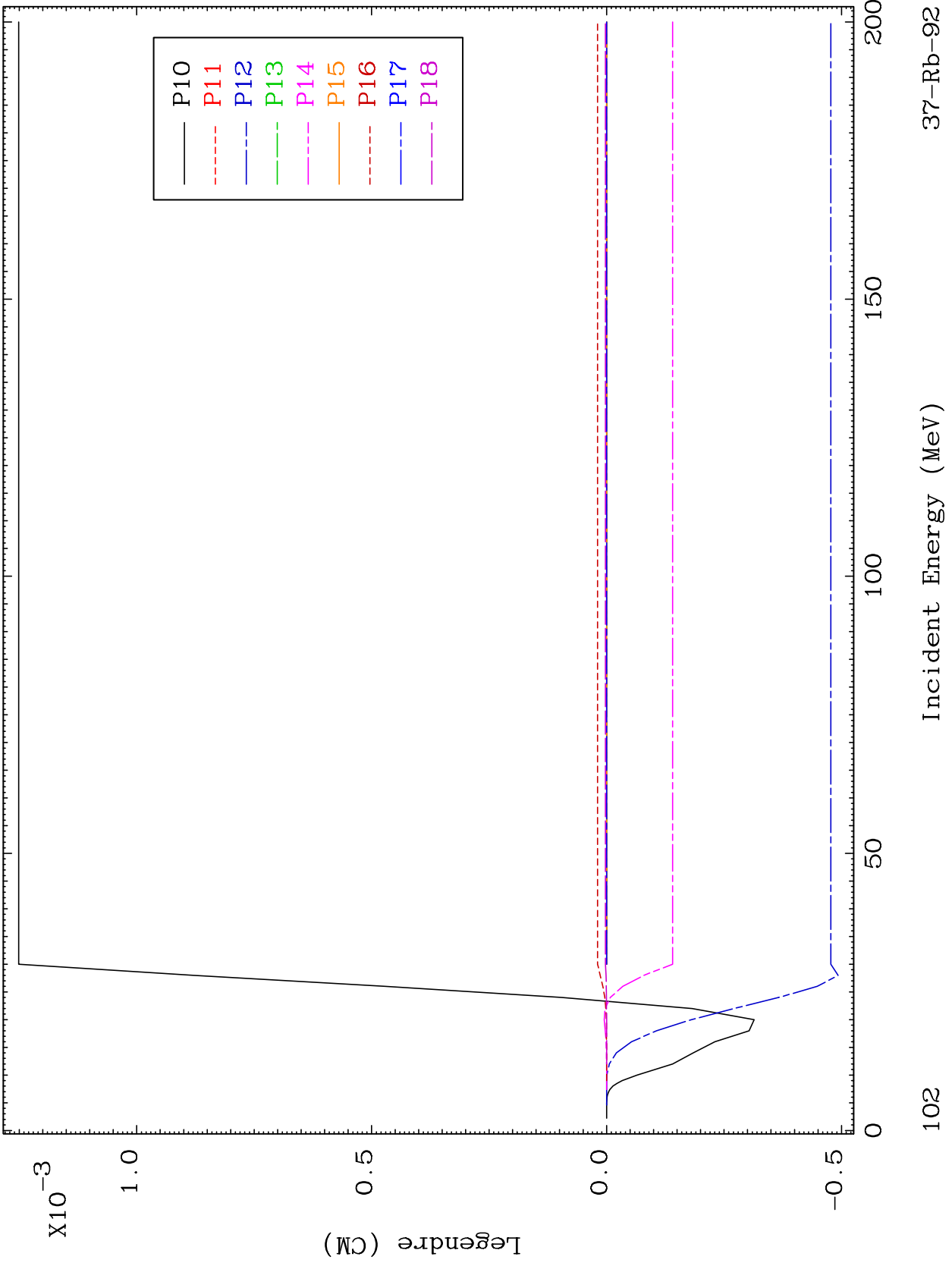




MAT 3746

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

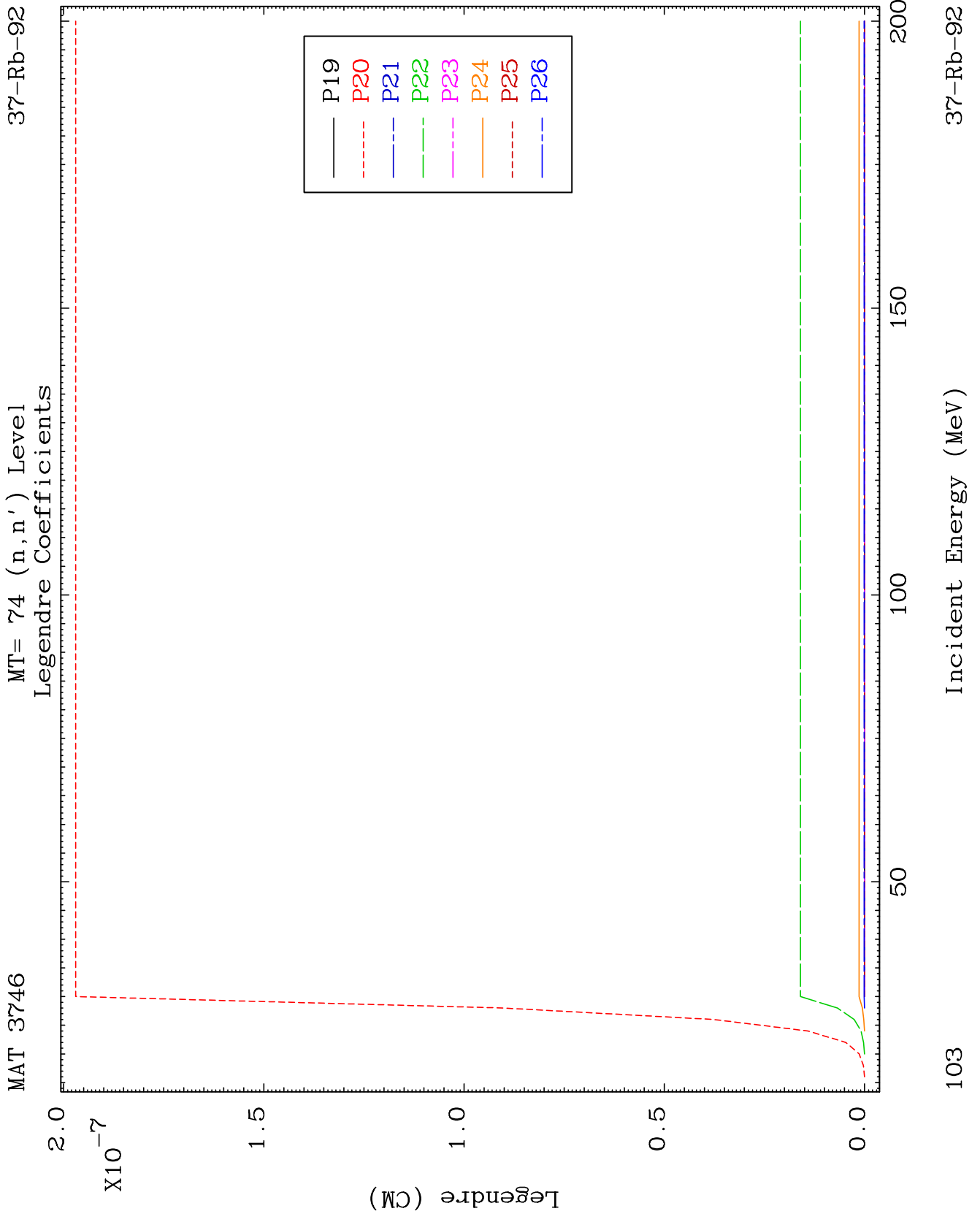
37-Rb-92



102

Incident Energy (MeV)

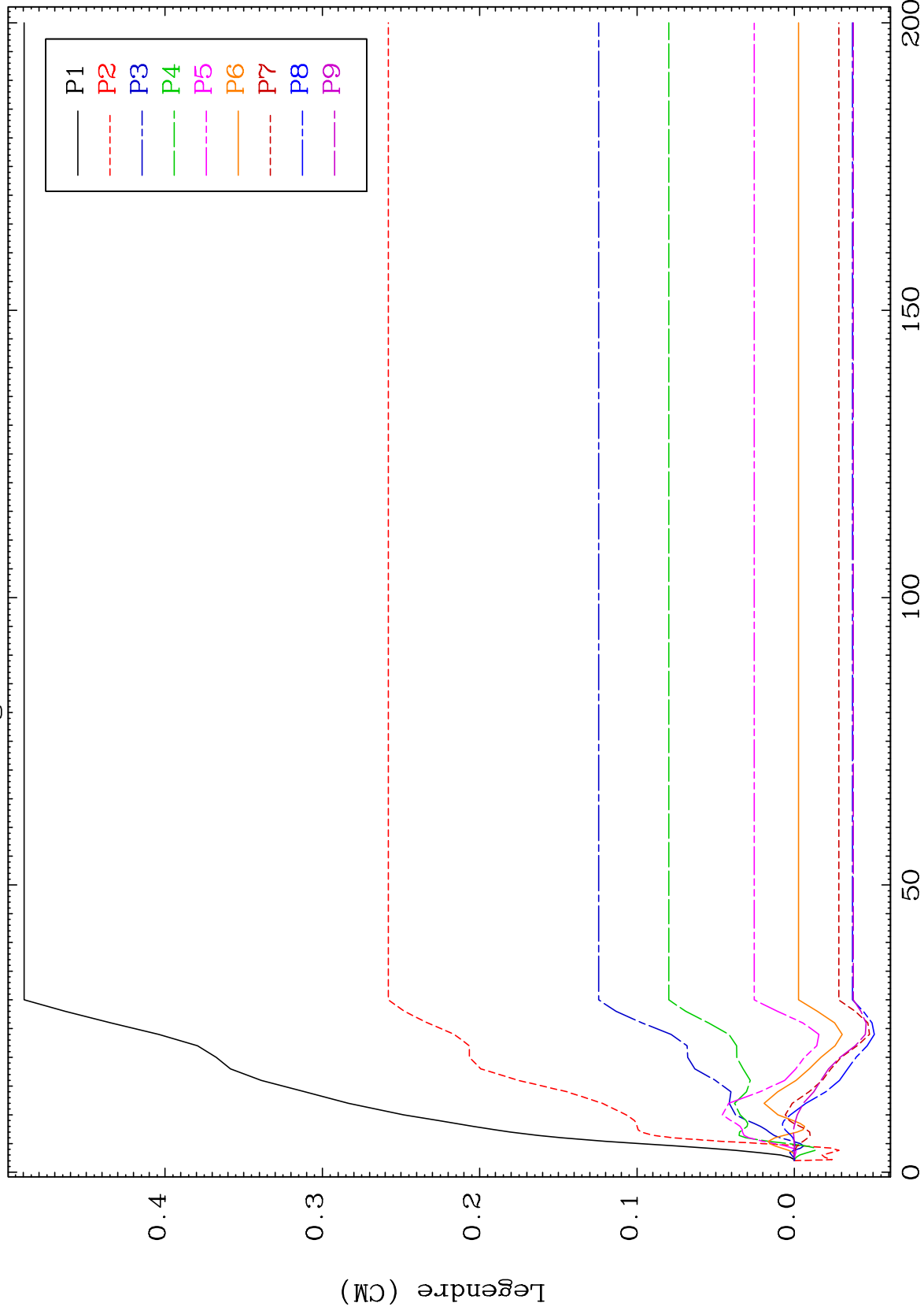
37-Rb-92



MAT 3746

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

37-Rb-92



104

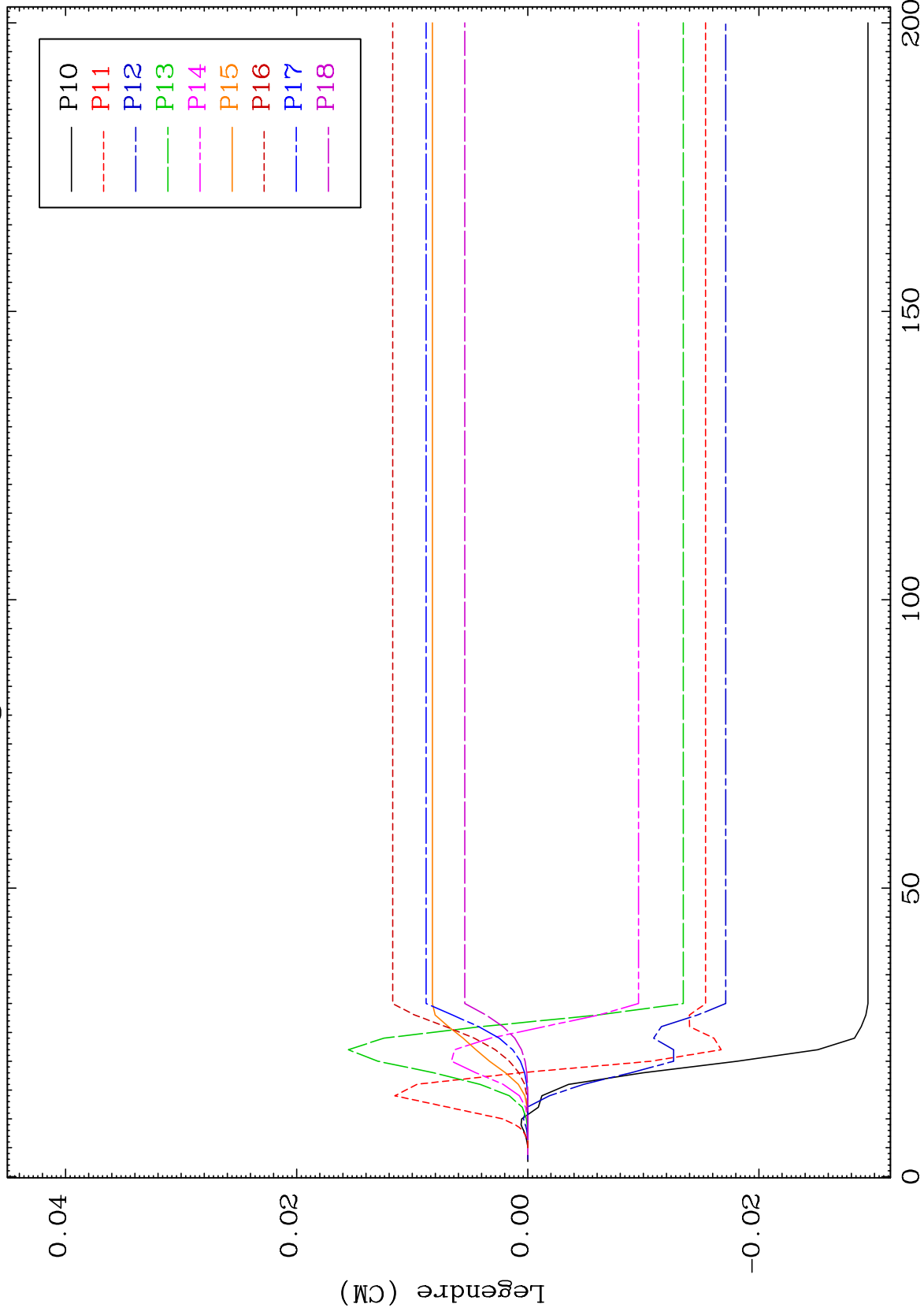
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



105

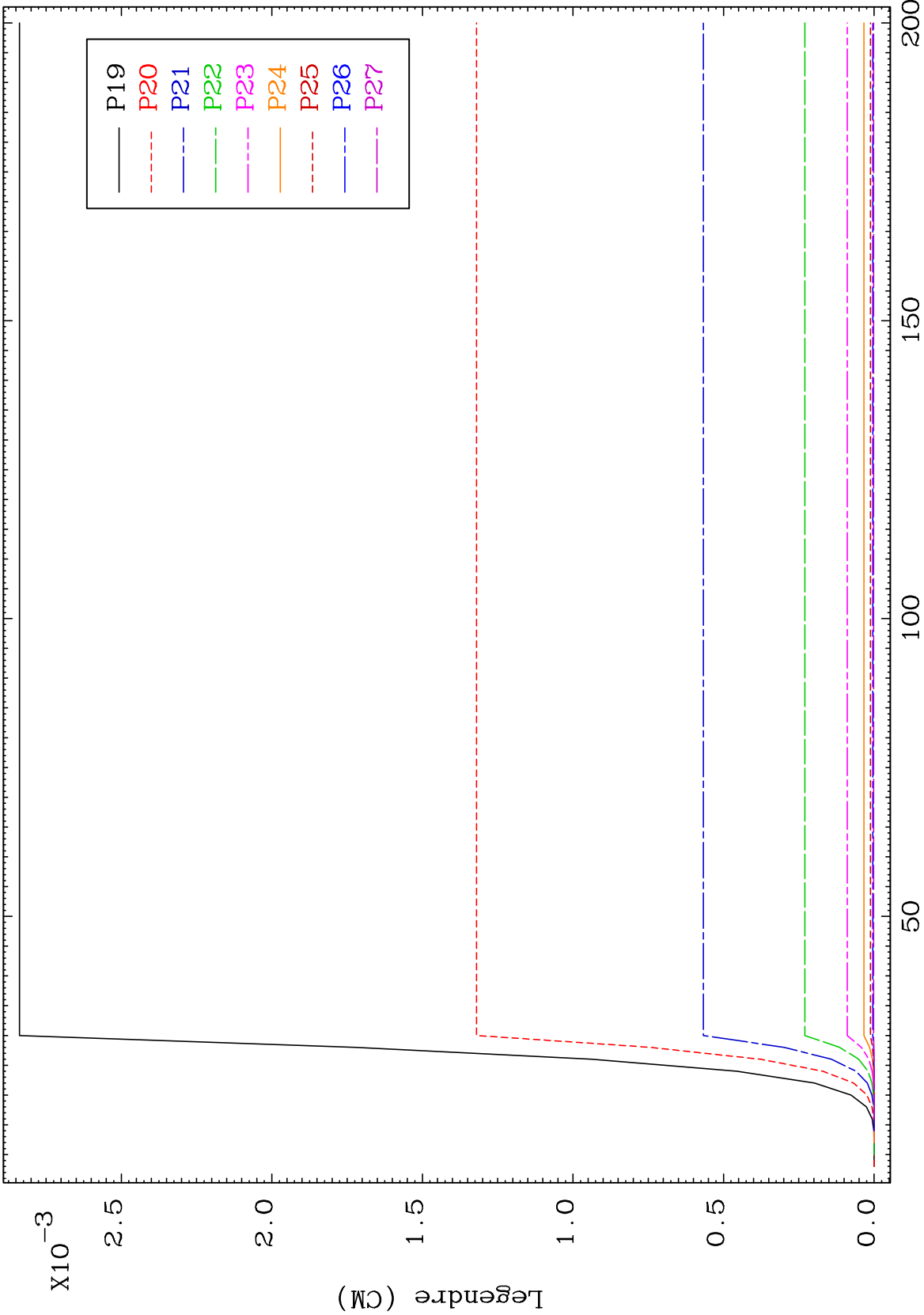
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



106

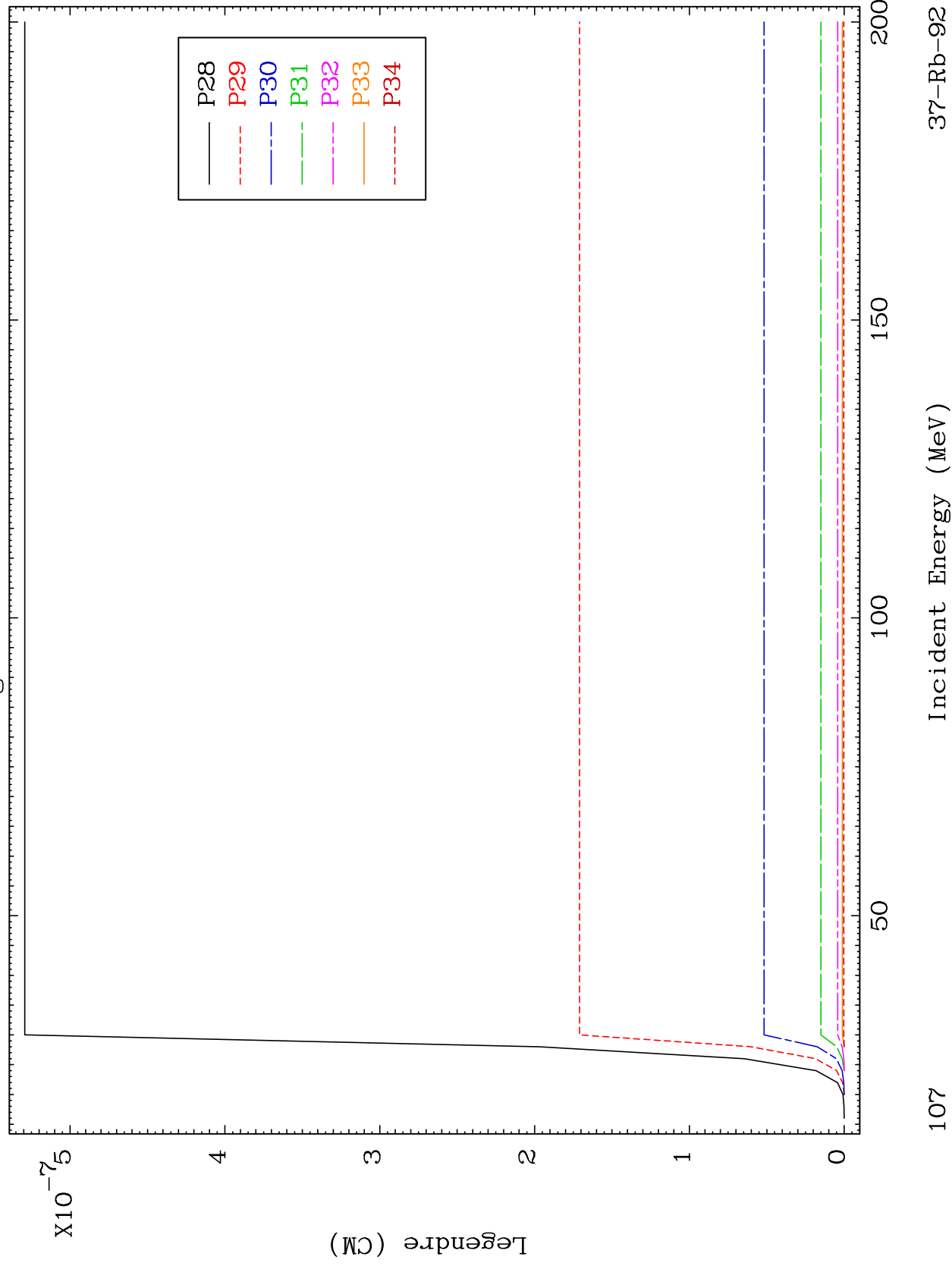
Incident Energy (MeV)

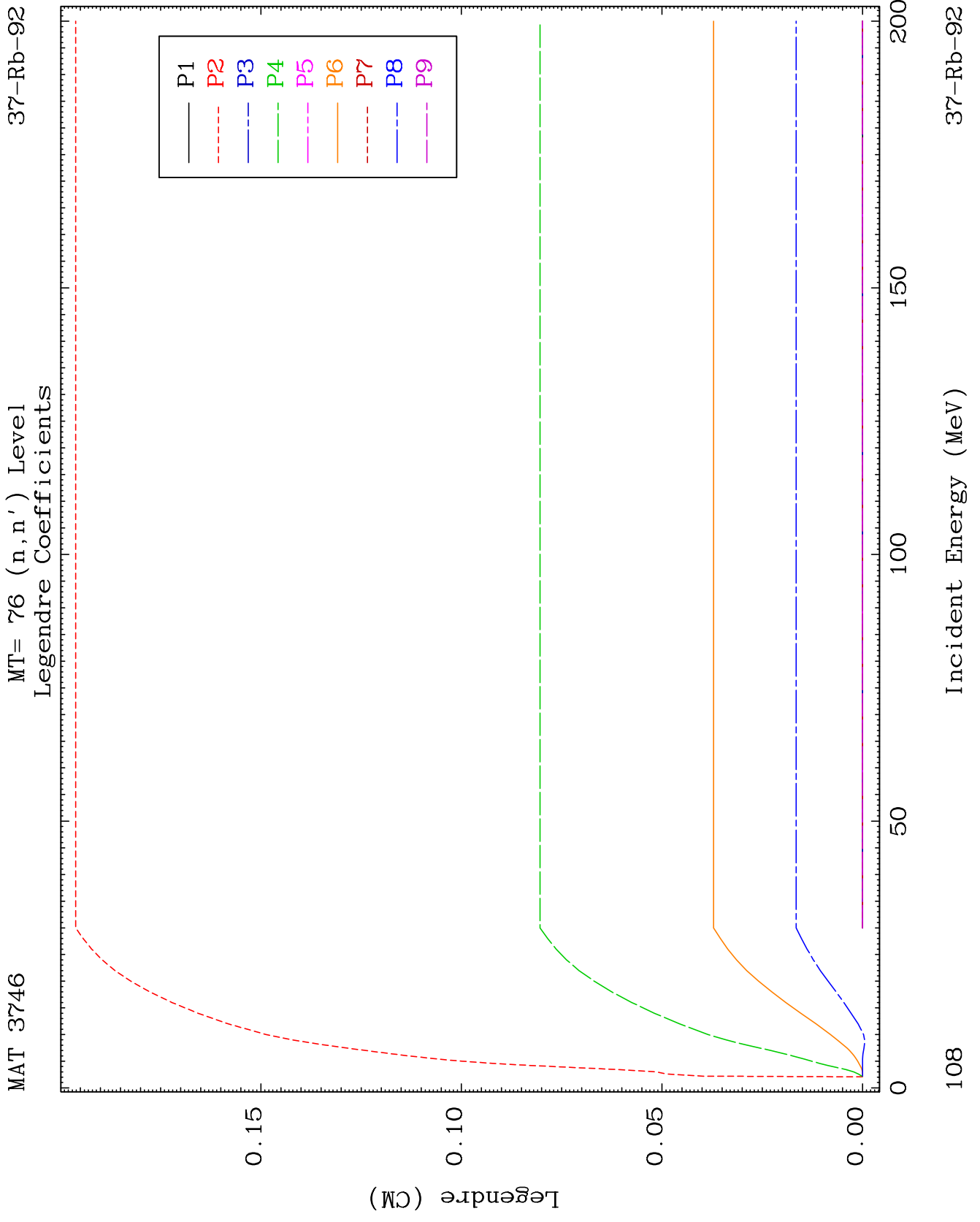
37-Rb-92

MAT 3746

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

37-Rb-92

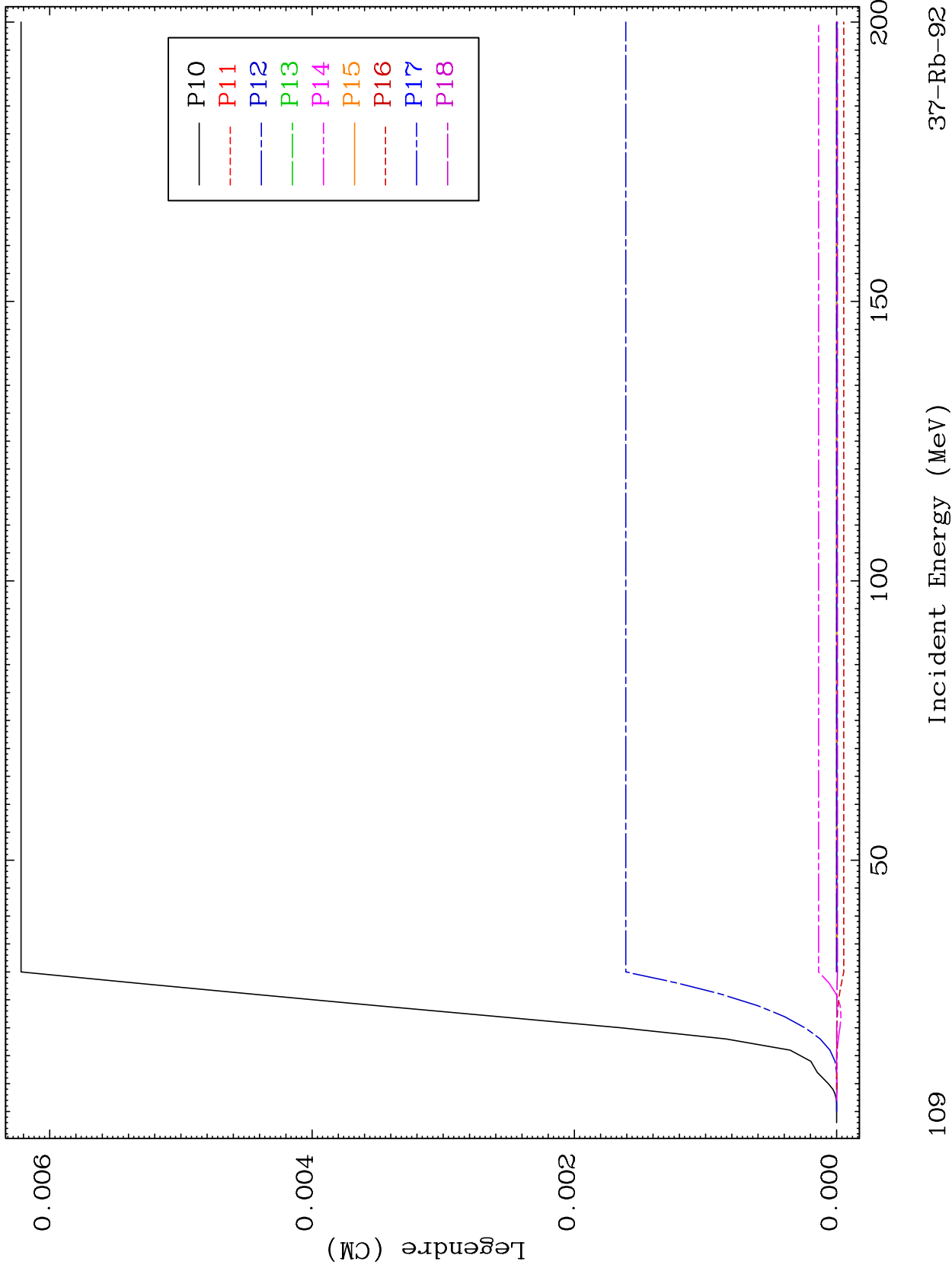




MAT 3746

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

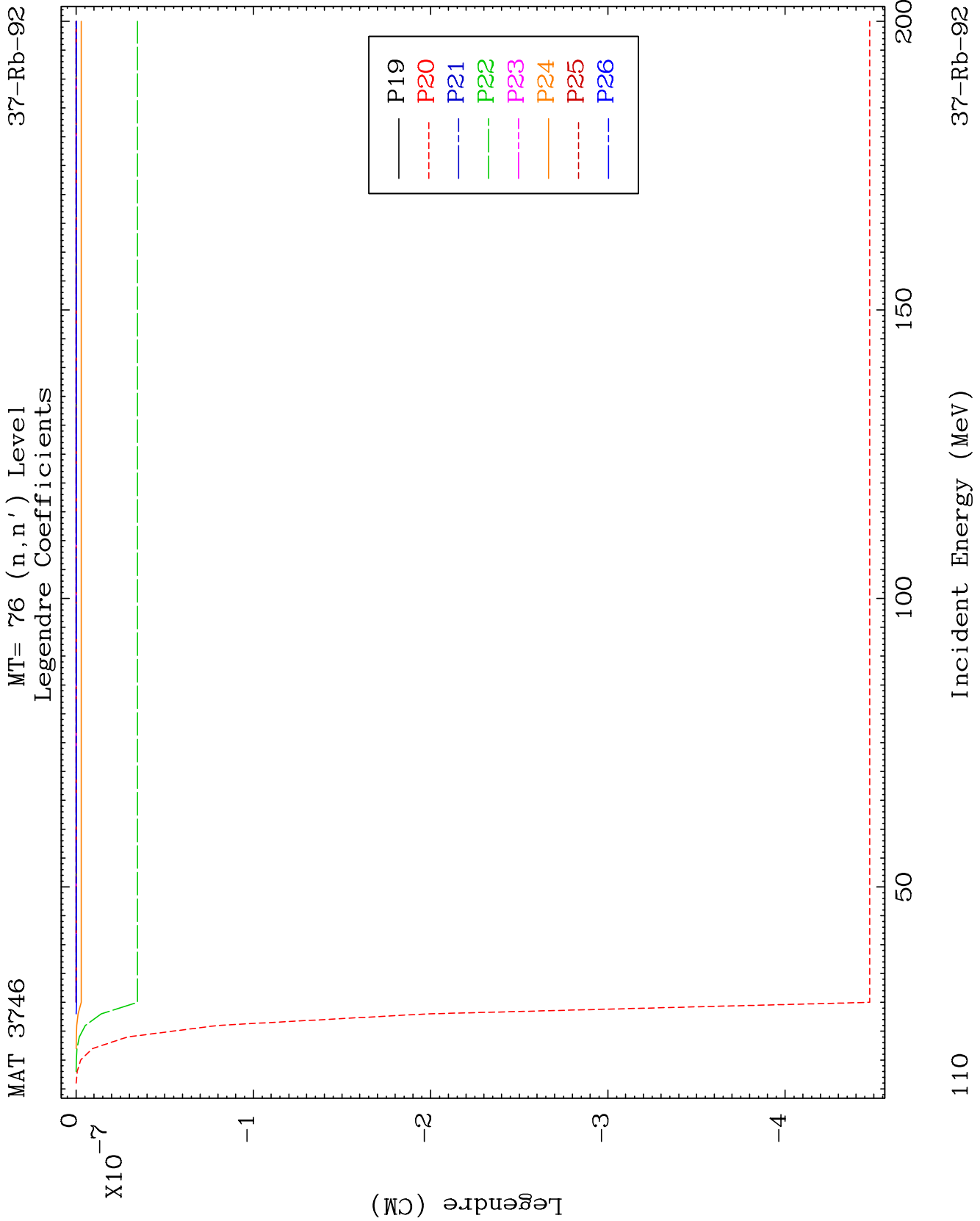
37-Rb-92

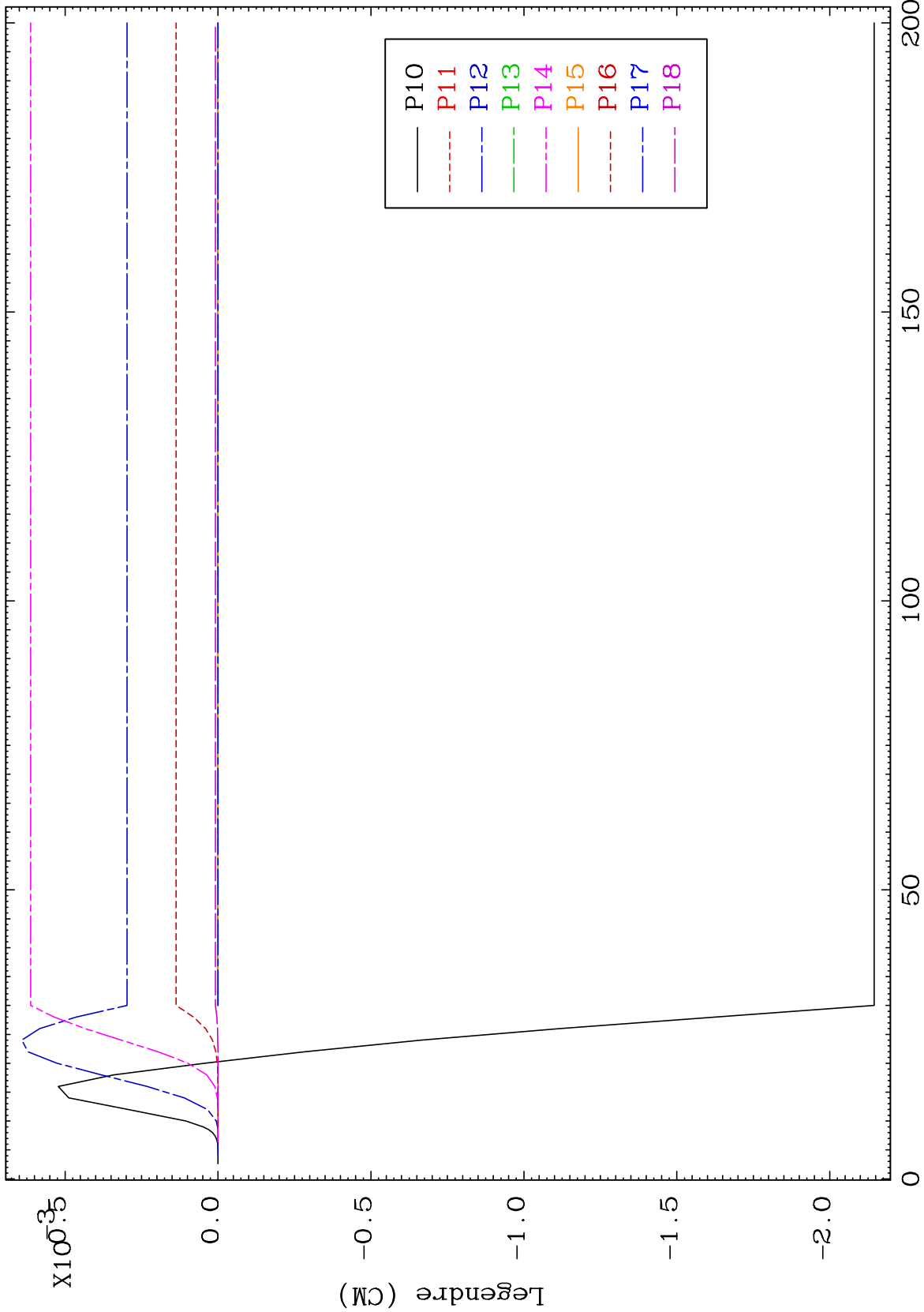


109

Incident Energy (MeV)

37-Rb-92

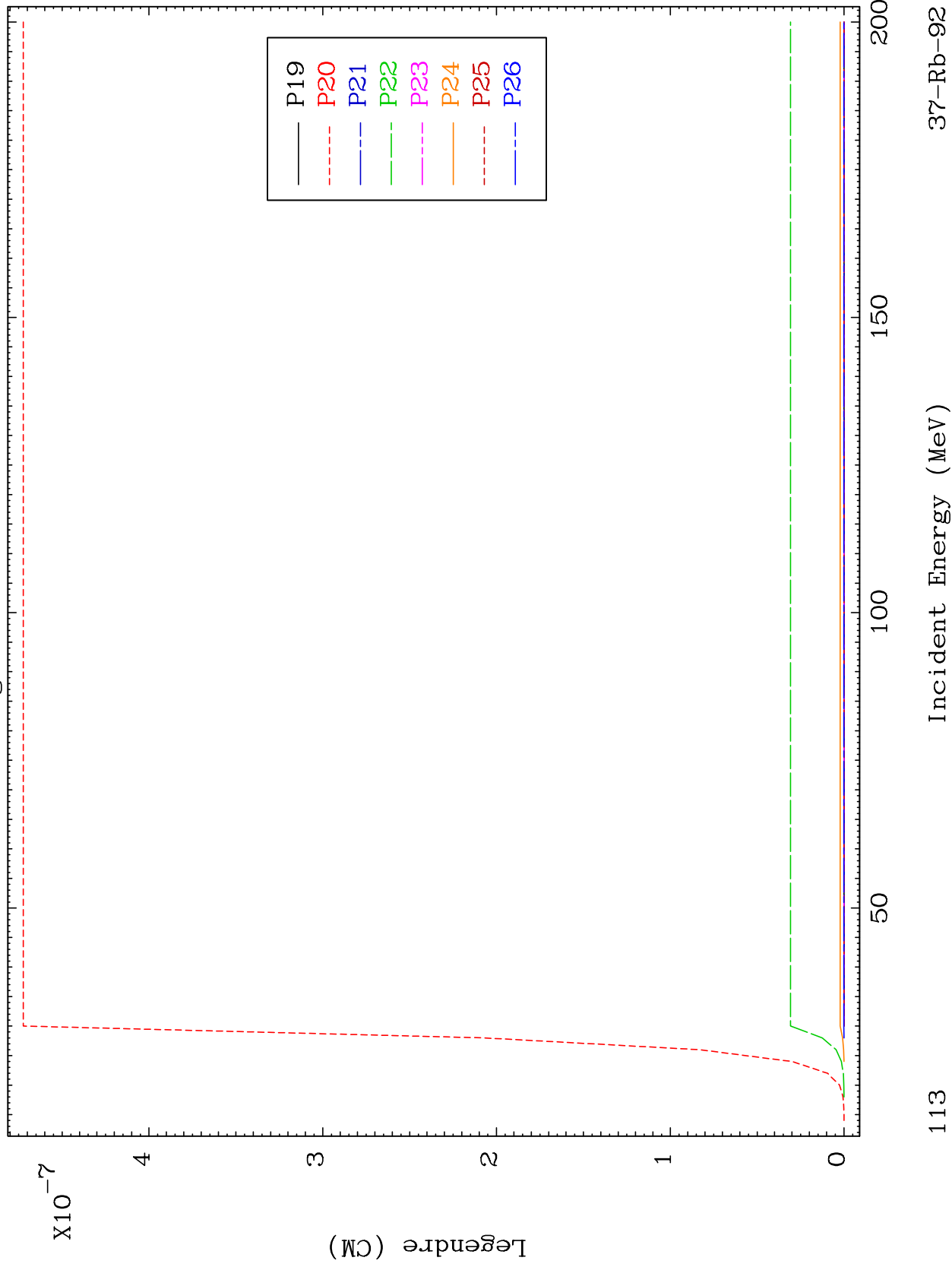




MAT 3746

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

37-Rb-92



113

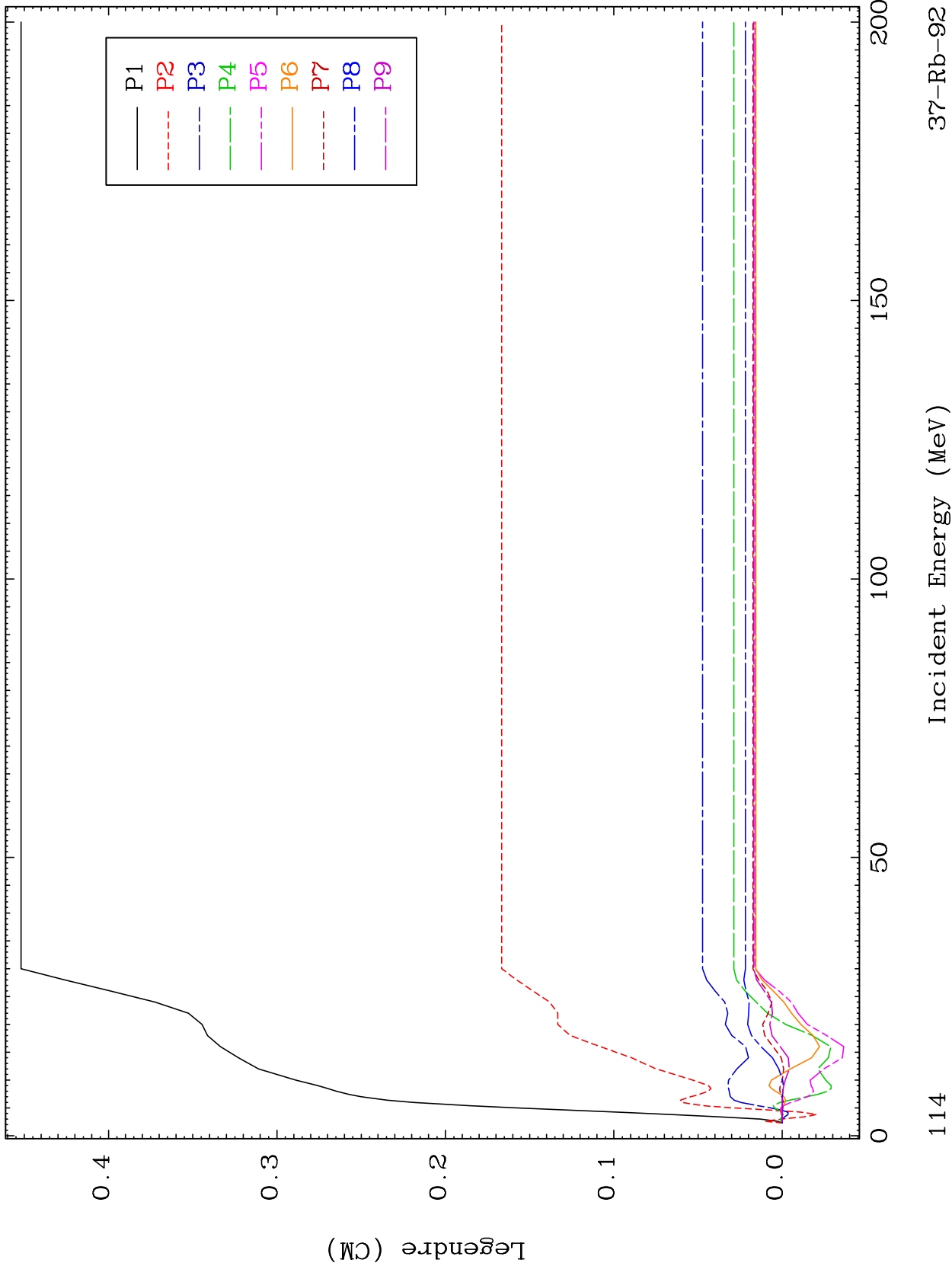
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



114

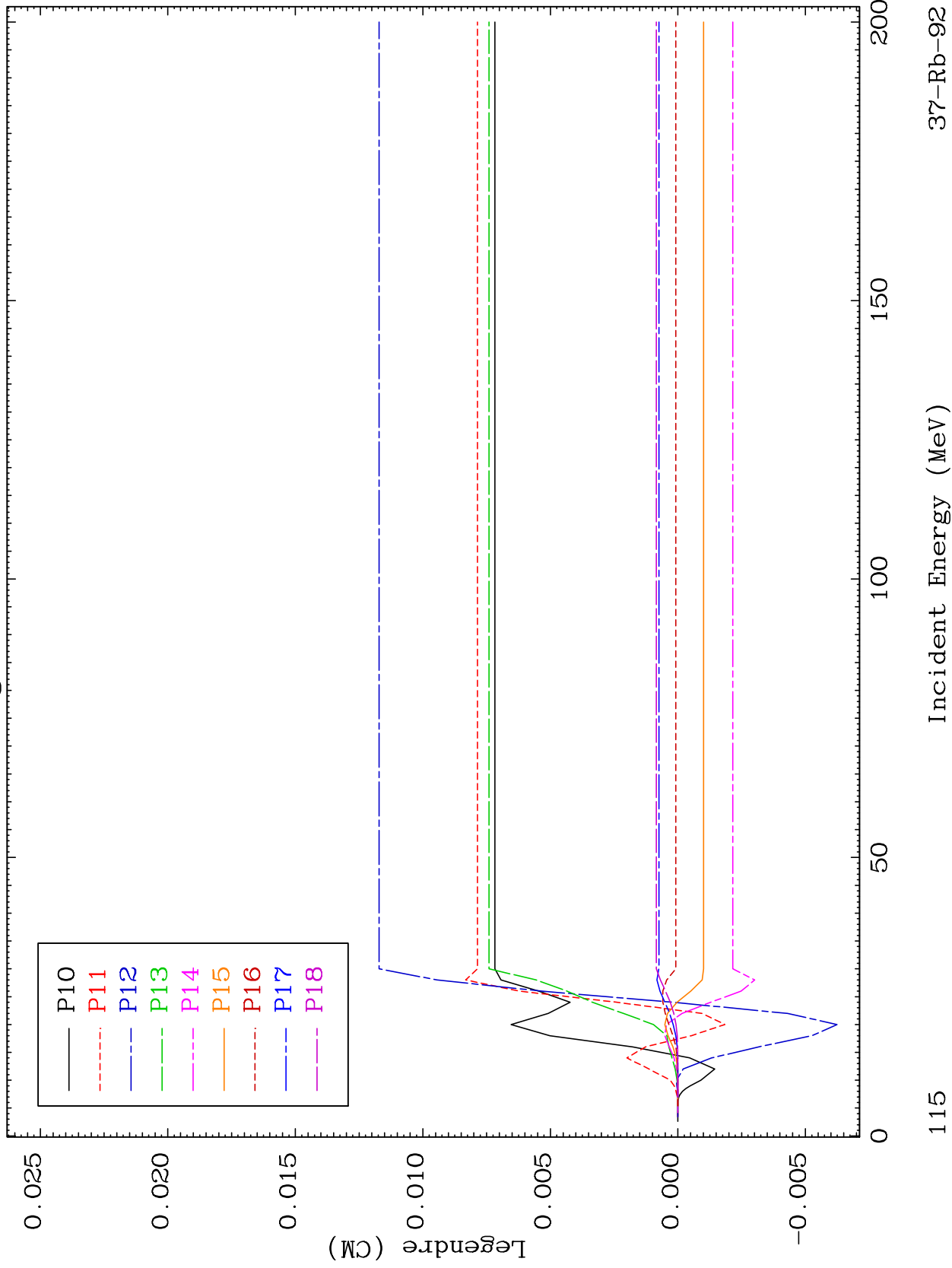
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



37-Rb-92

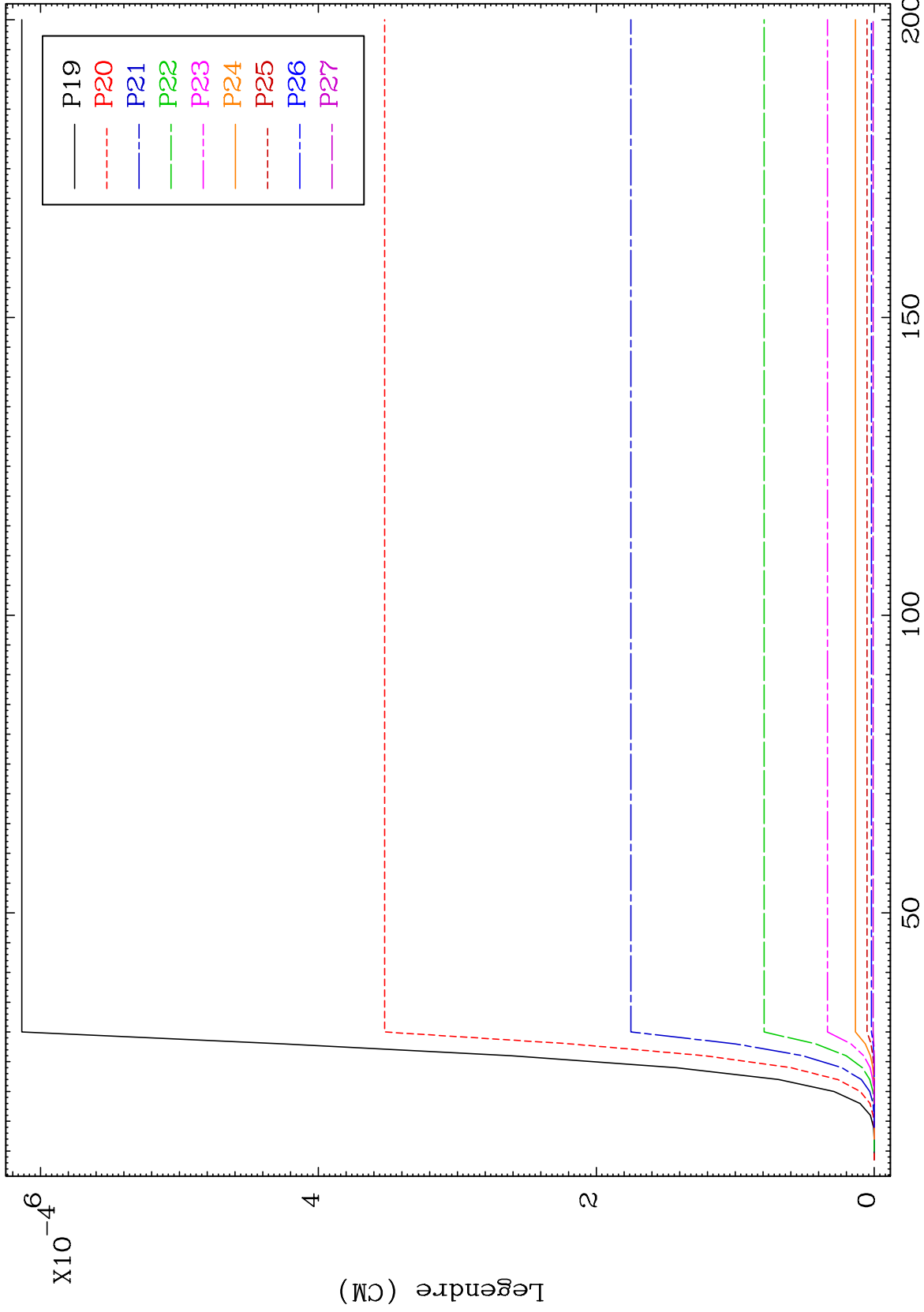
Incident Energy (MeV)

115

MAT 3746

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

37-Rb-92



116

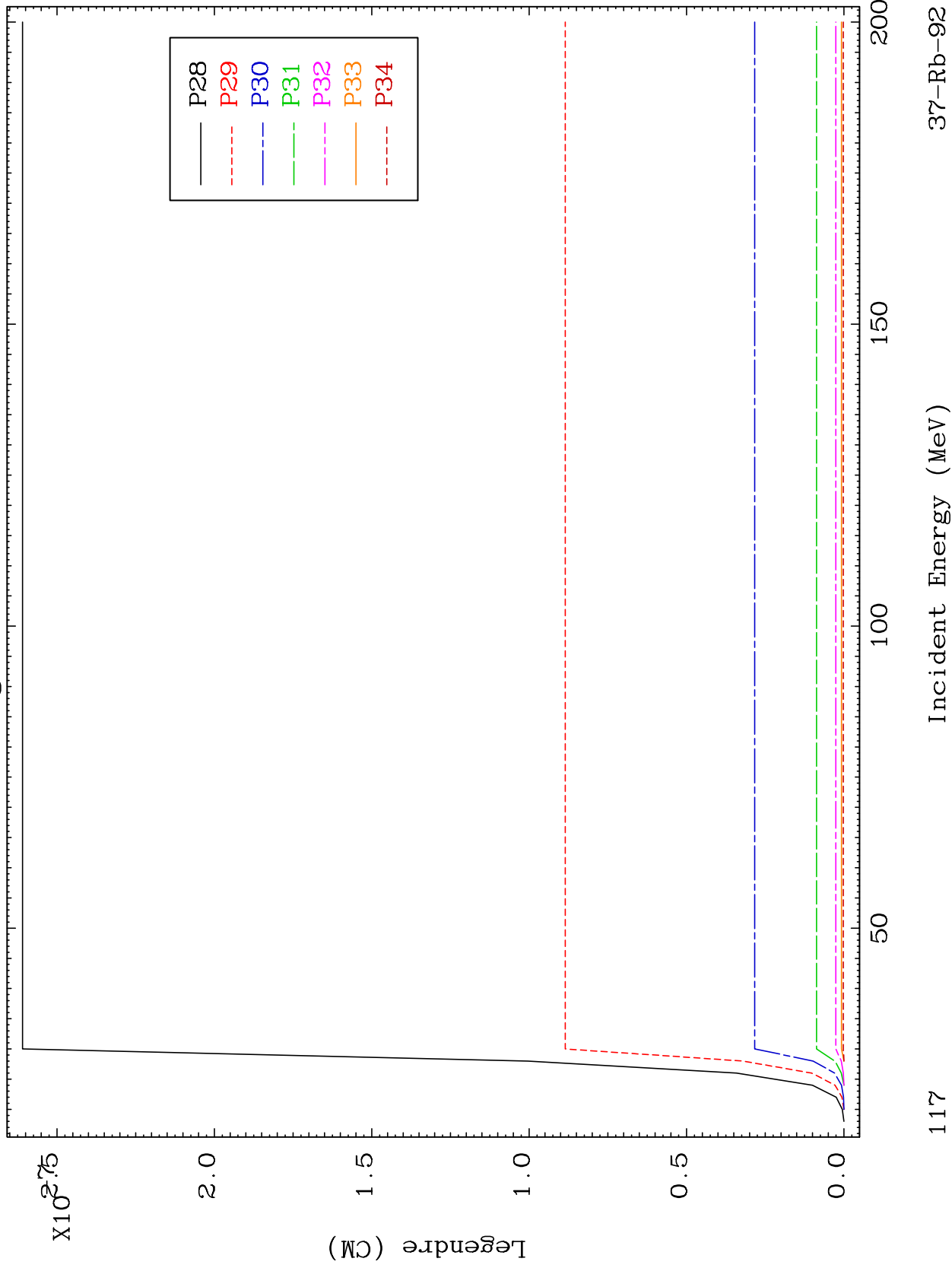
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



117

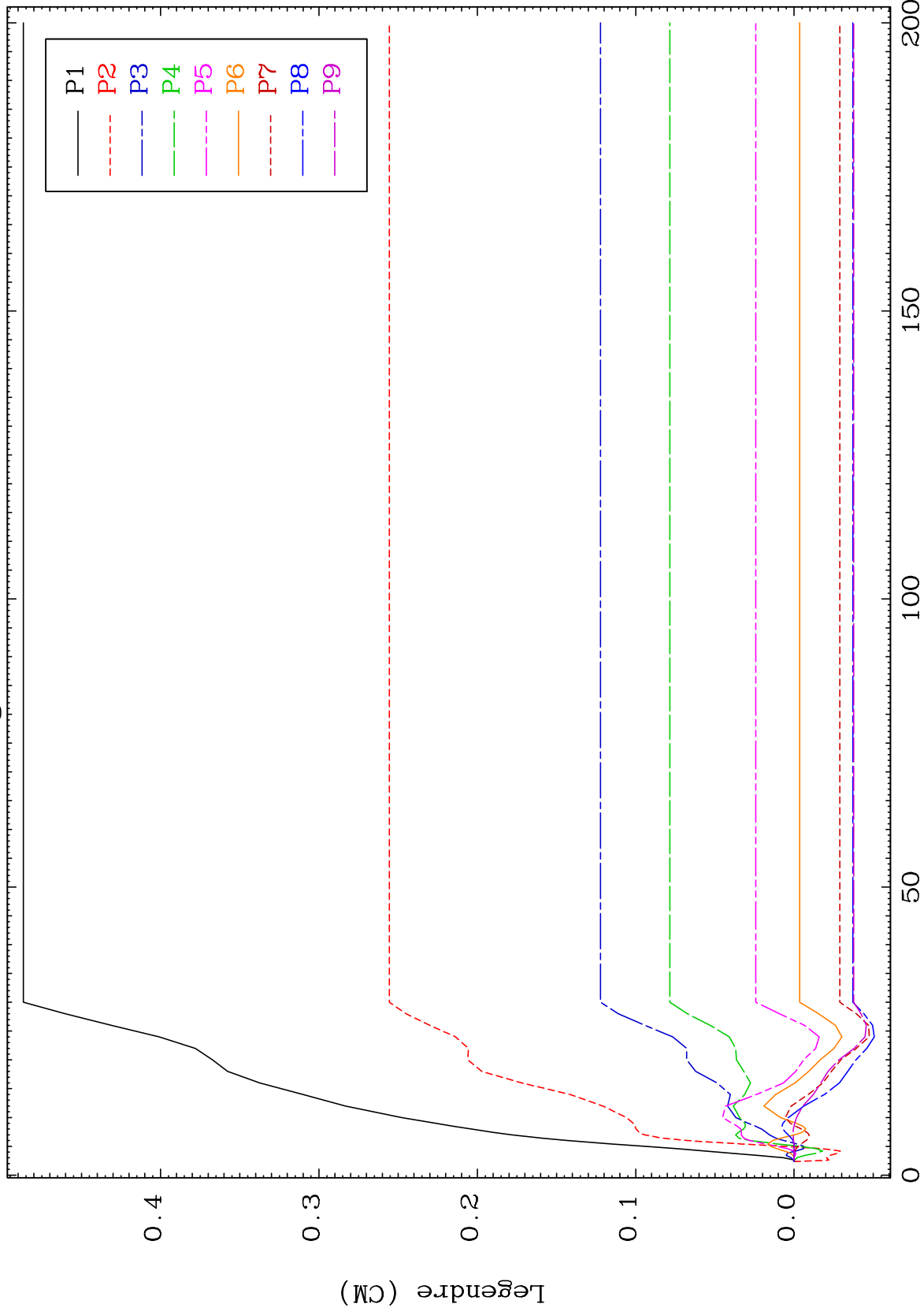
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



118

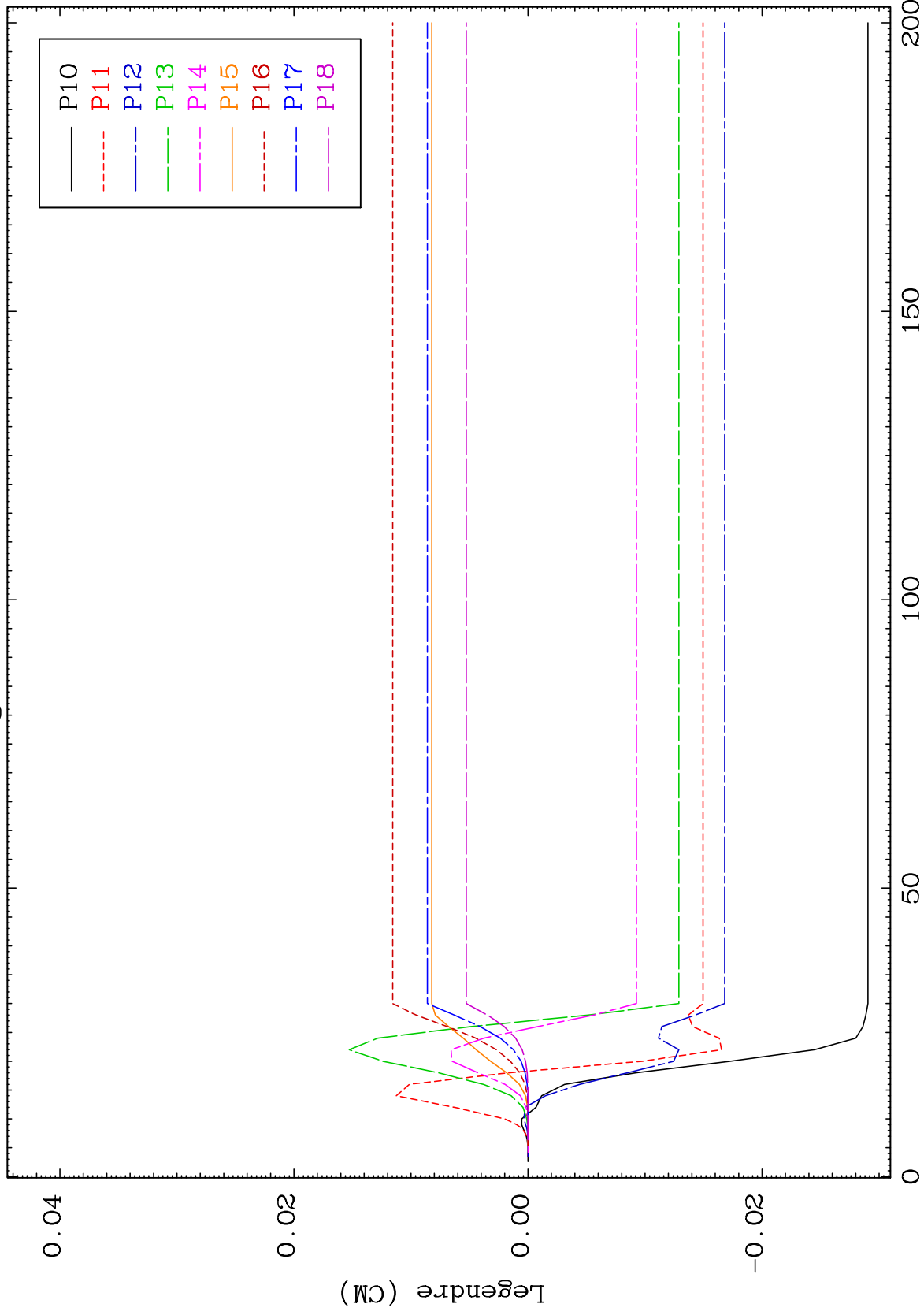
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



119

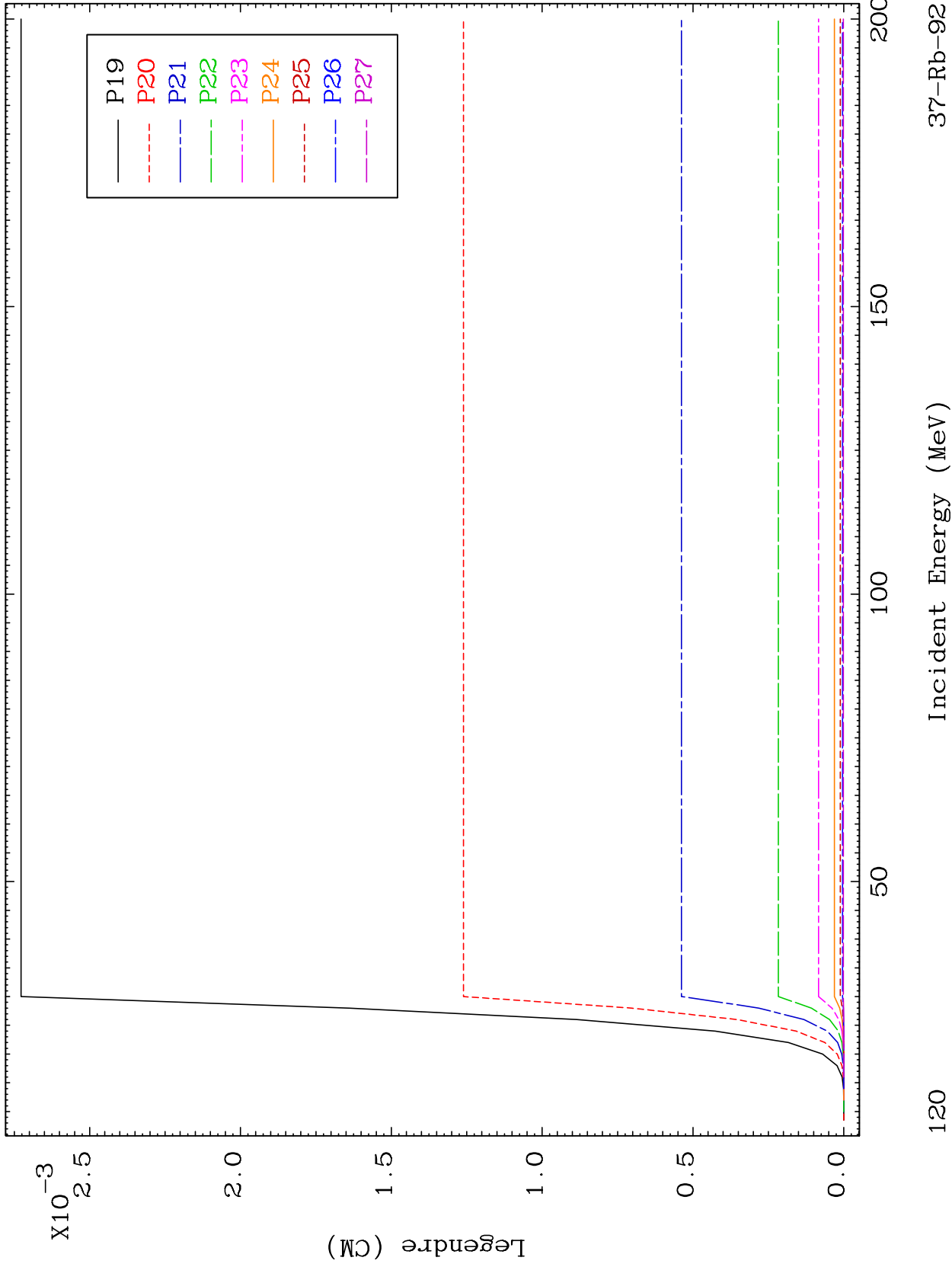
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

37-Rb-92



120

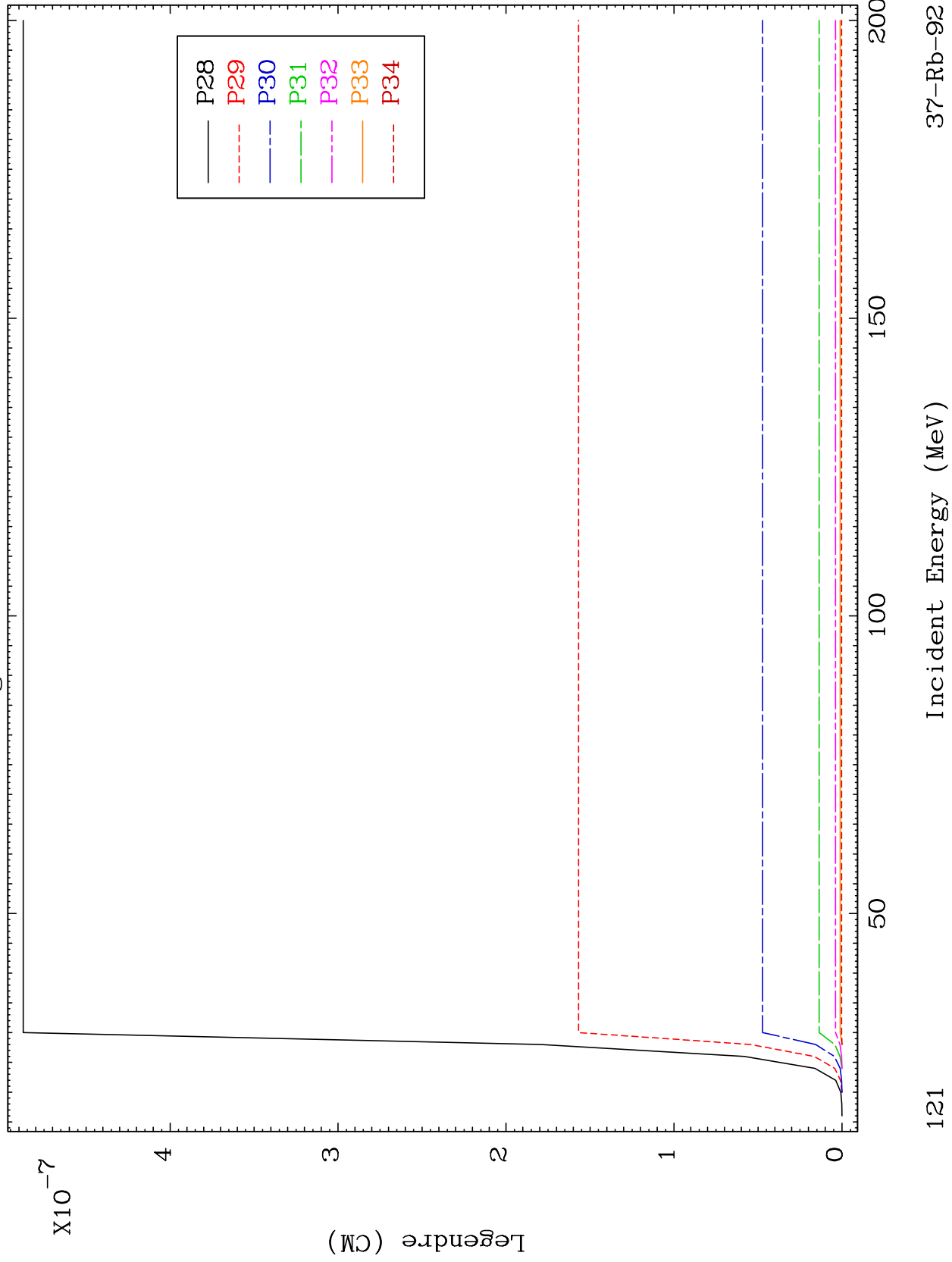
Incident Energy (MeV)

37-Rb-92

MAT 3746

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

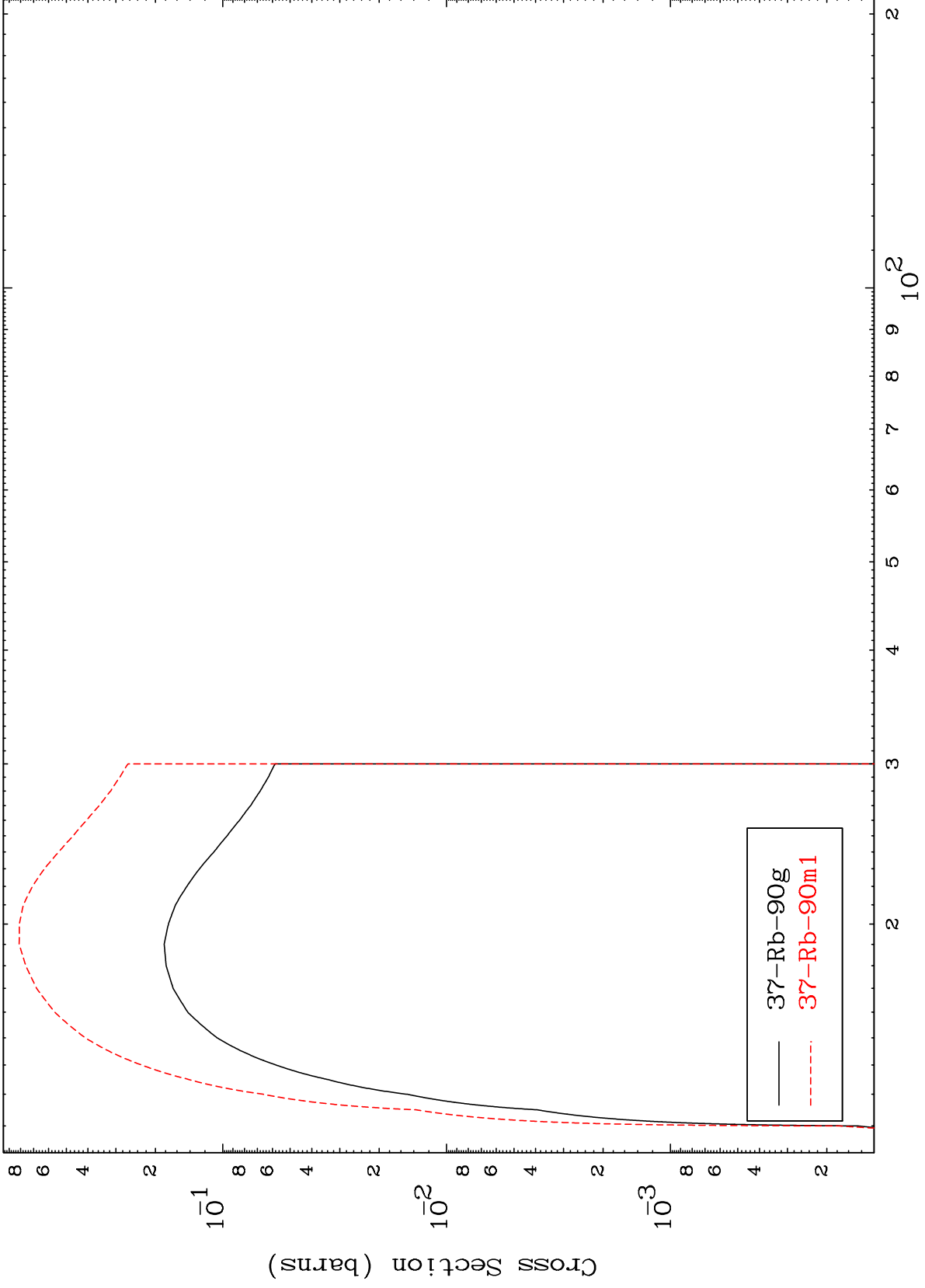
37-Rb-92



MAT 3746

37-Rb-92

(n,3n)
Radionuclide Production Cross Section



122

Incident Energy (MeV)

37-Rb-92