

Program EVALPLOT
(Version 2015-2)

by

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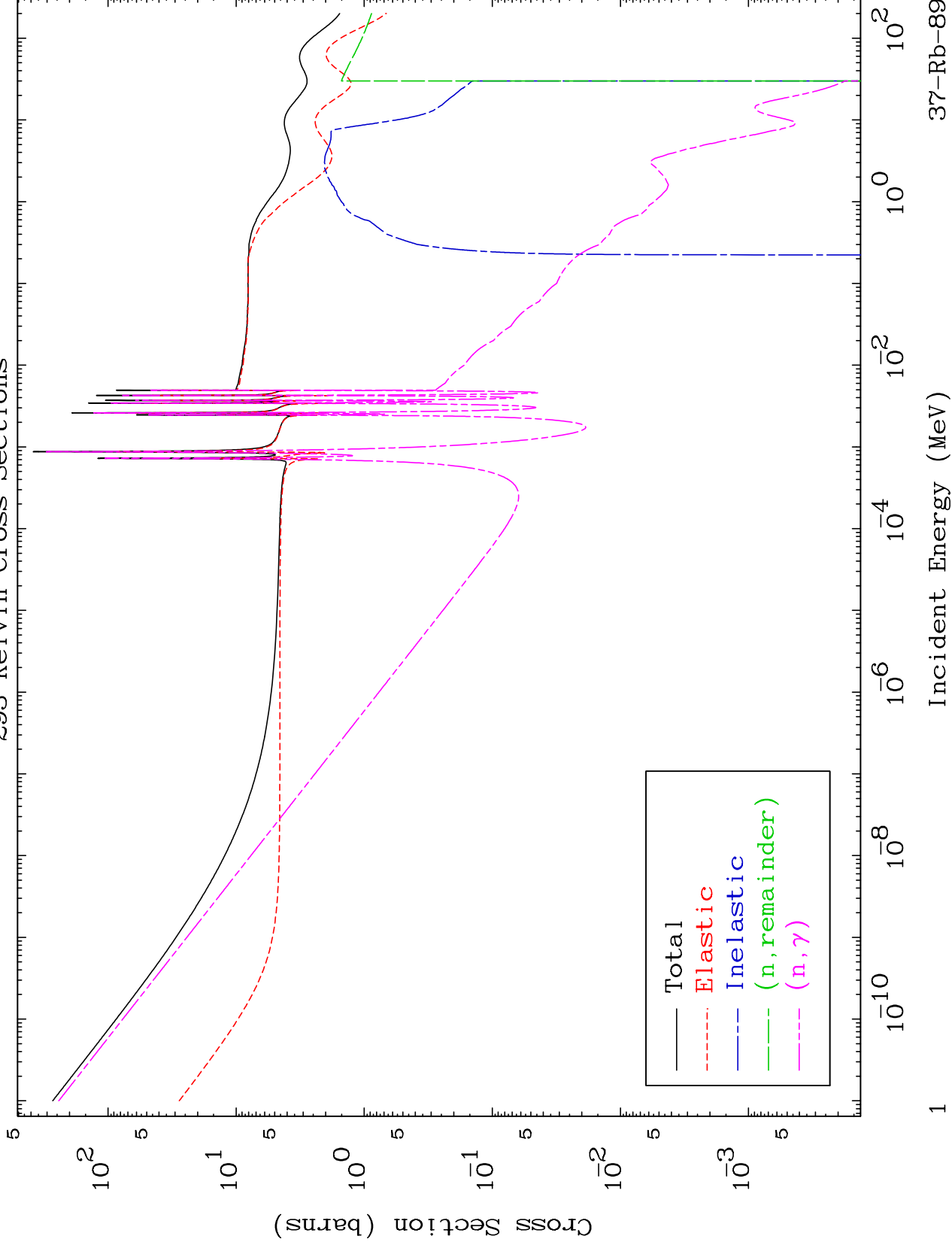
Press Mouse Button to Start

MAT 3737

Major

293 Kelvin Cross Sections

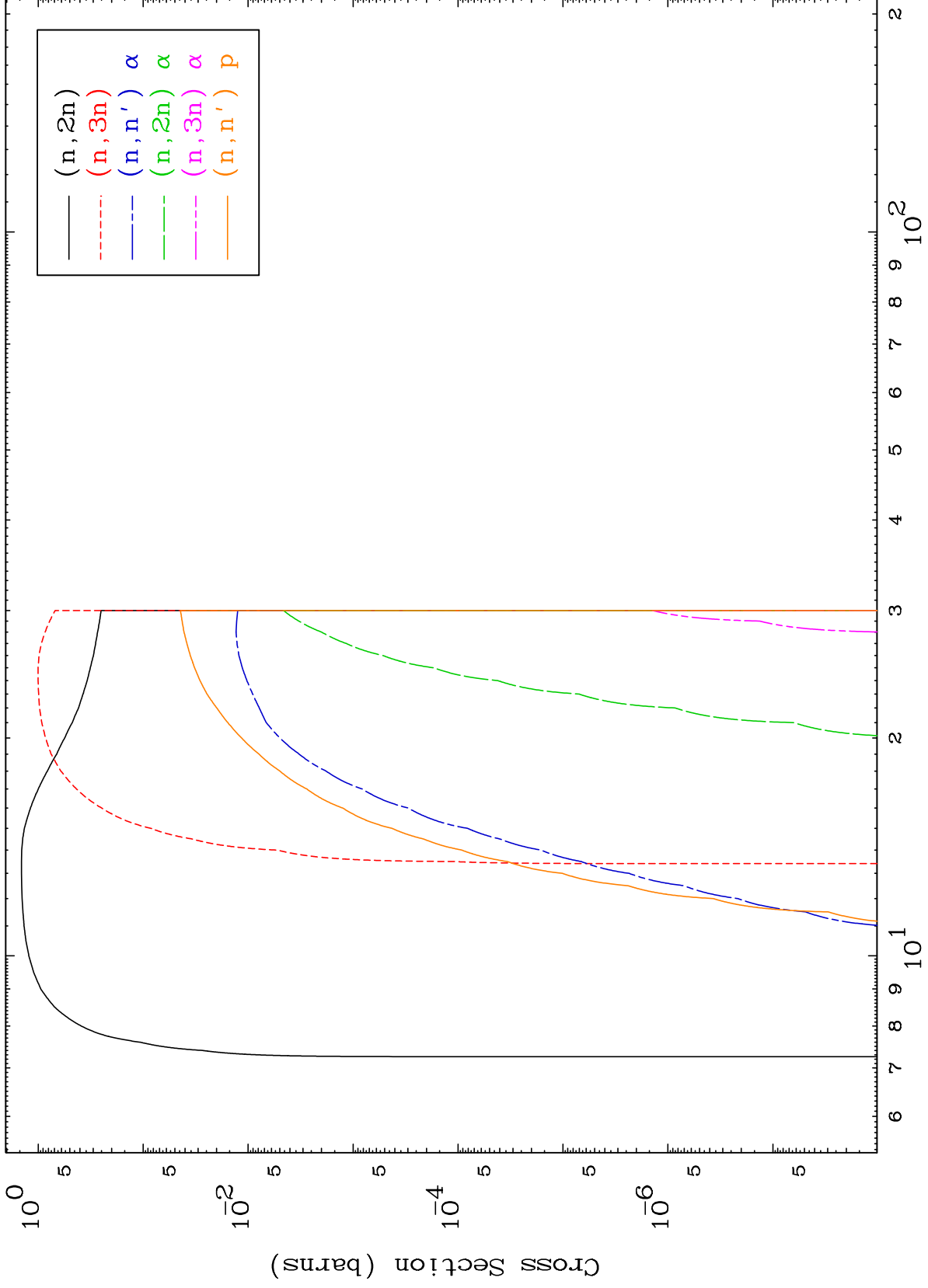
37-Rb-89



MAT 3737

Neutron Production
293 Kelvin Cross Sections

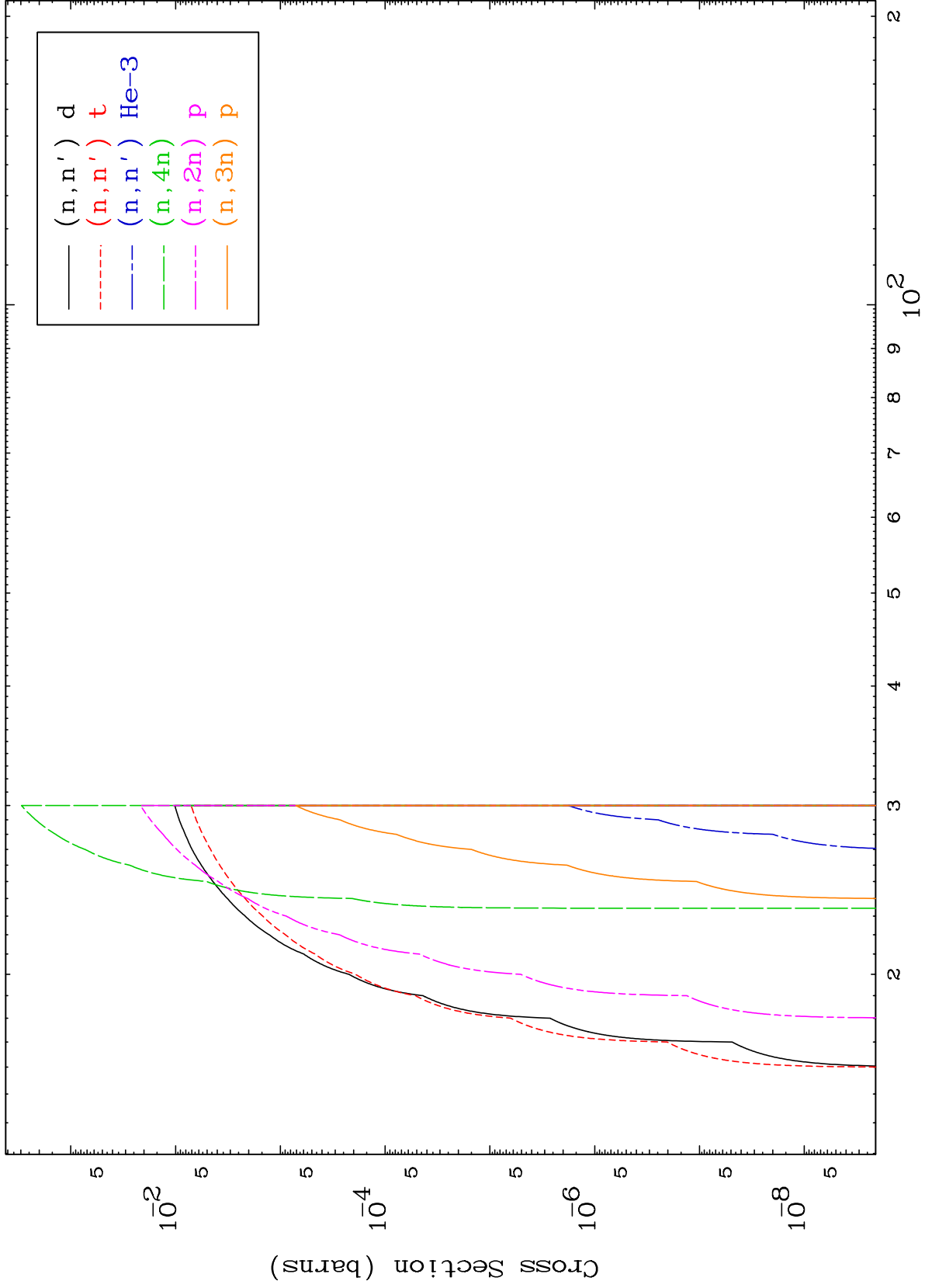
37-Rb-89



2

Incident Energy (MeV)

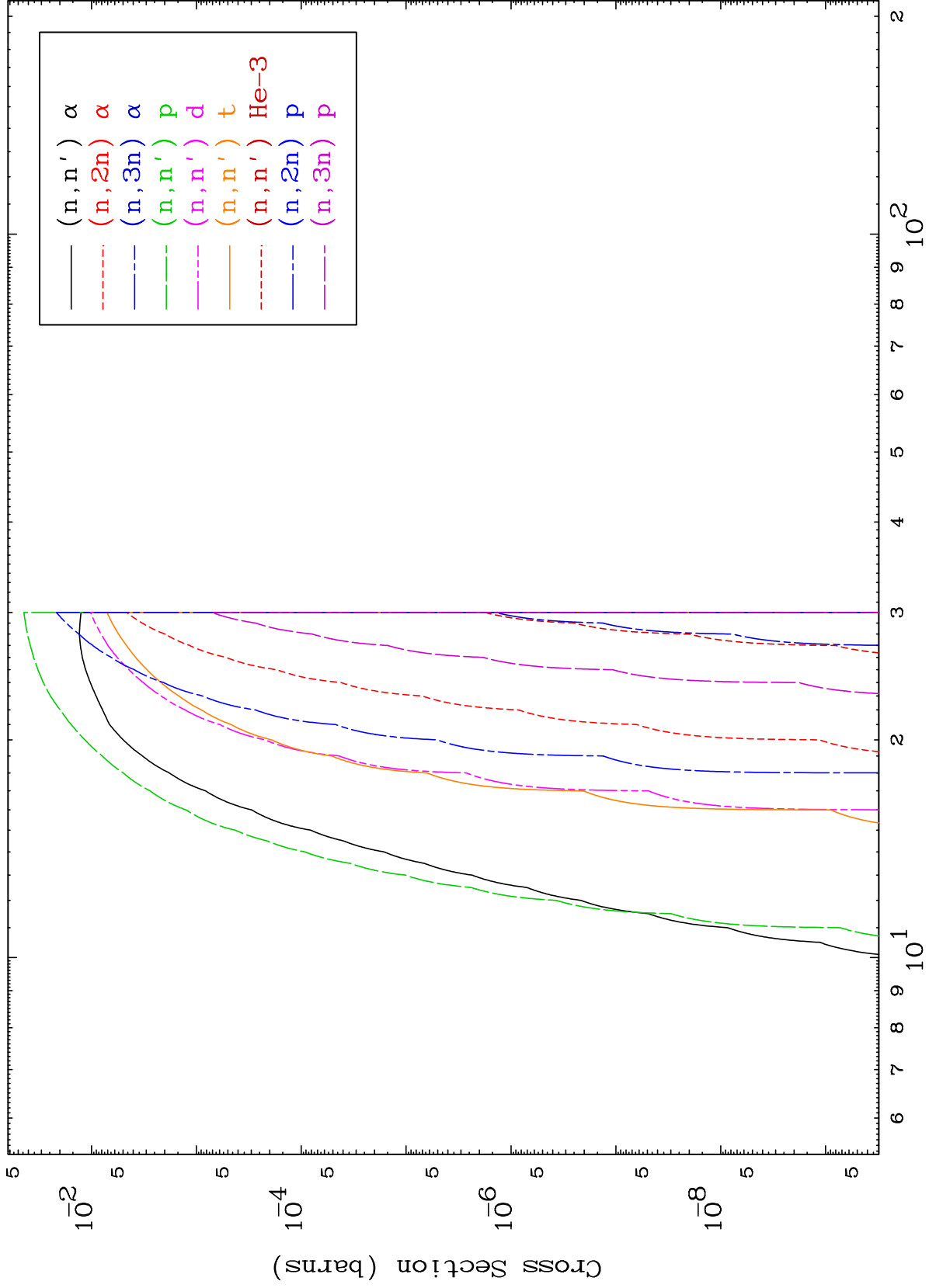
37-Rb-89



MAT 3737

Charged Particle
293 Kelvin Cross Sections

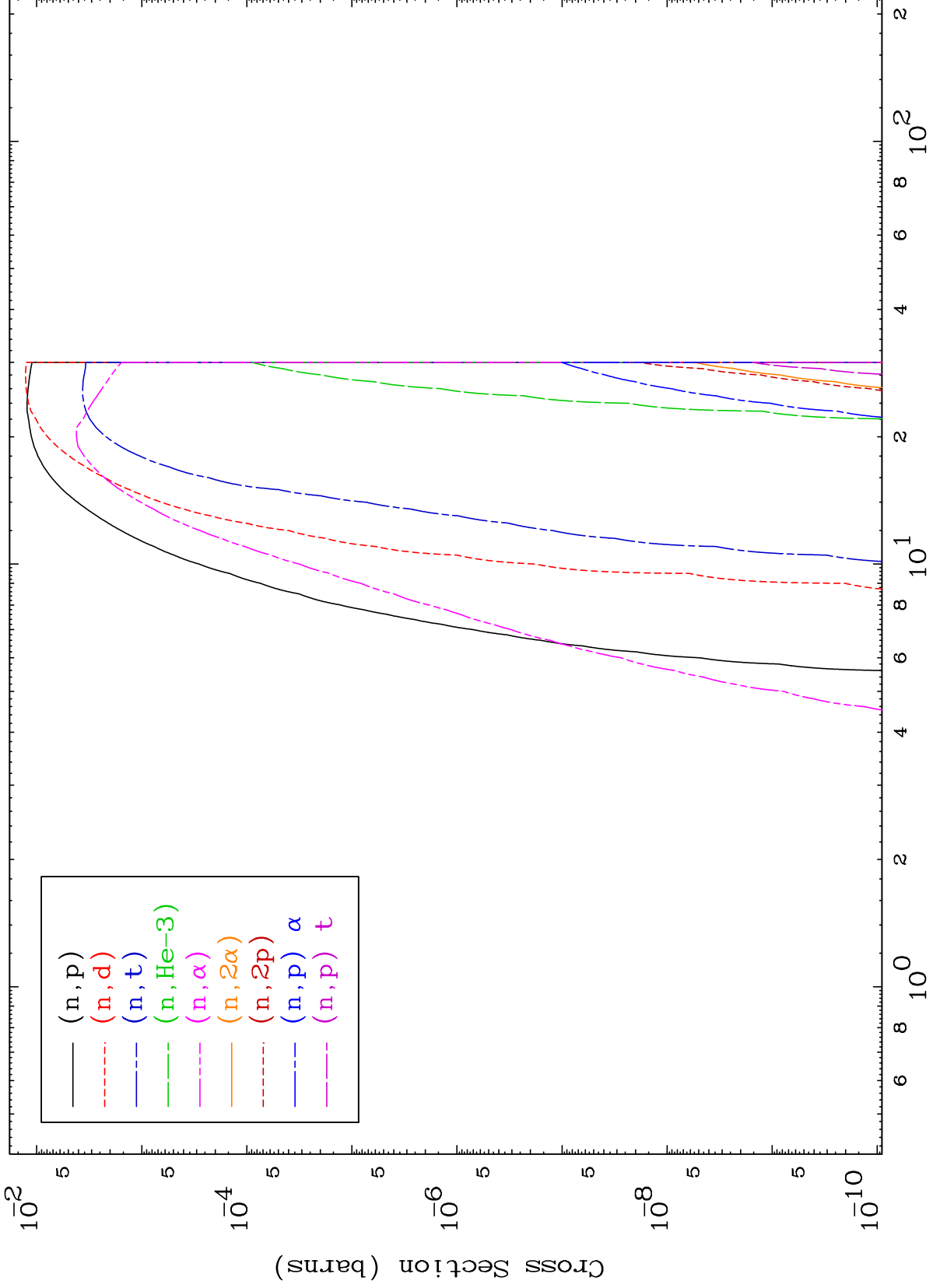
37-Rb-89



4

Incident Energy (MeV)

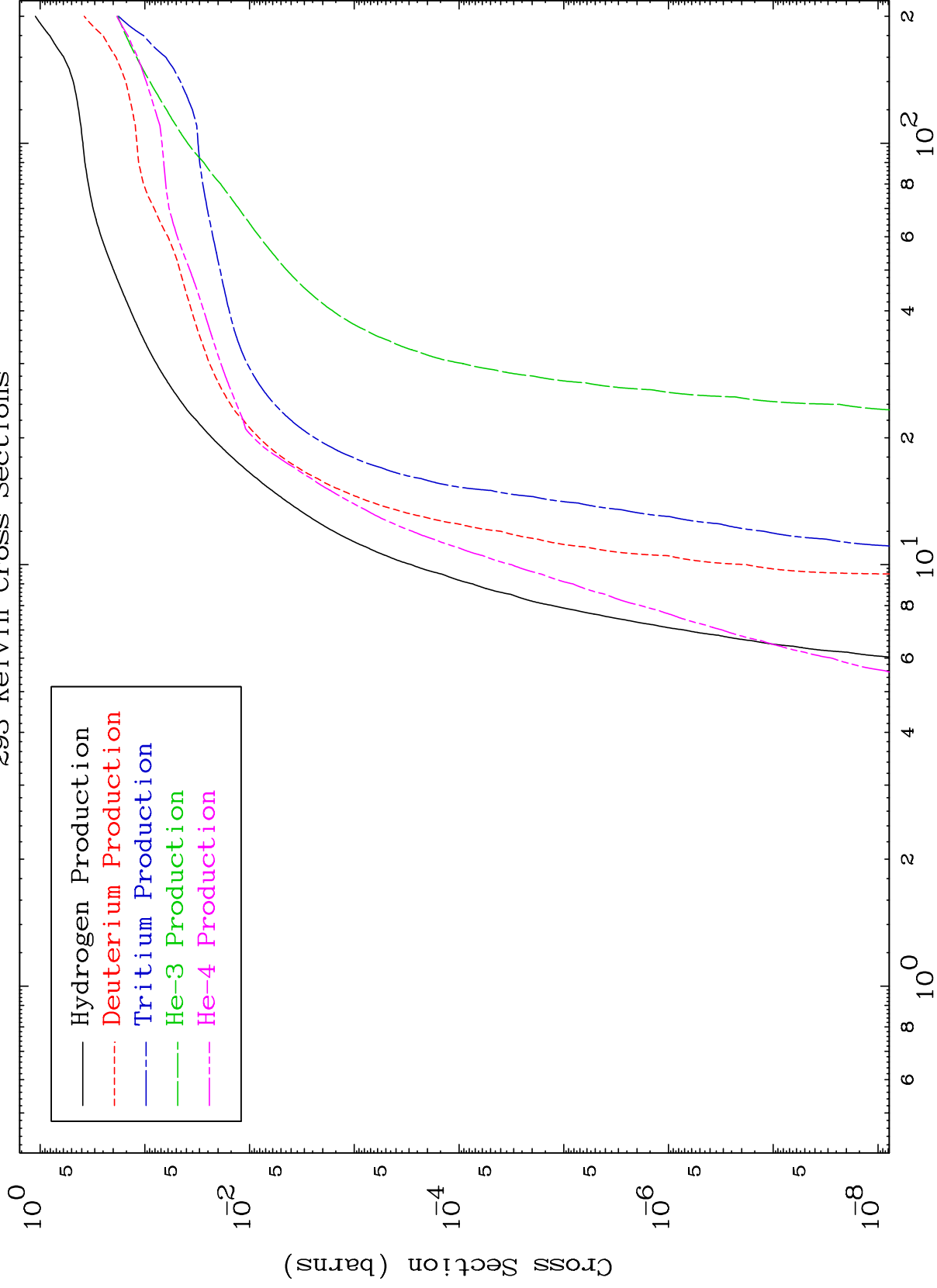
37-Rb-89



MAT 3737

Particle Production
293 Kelvin Cross Sections

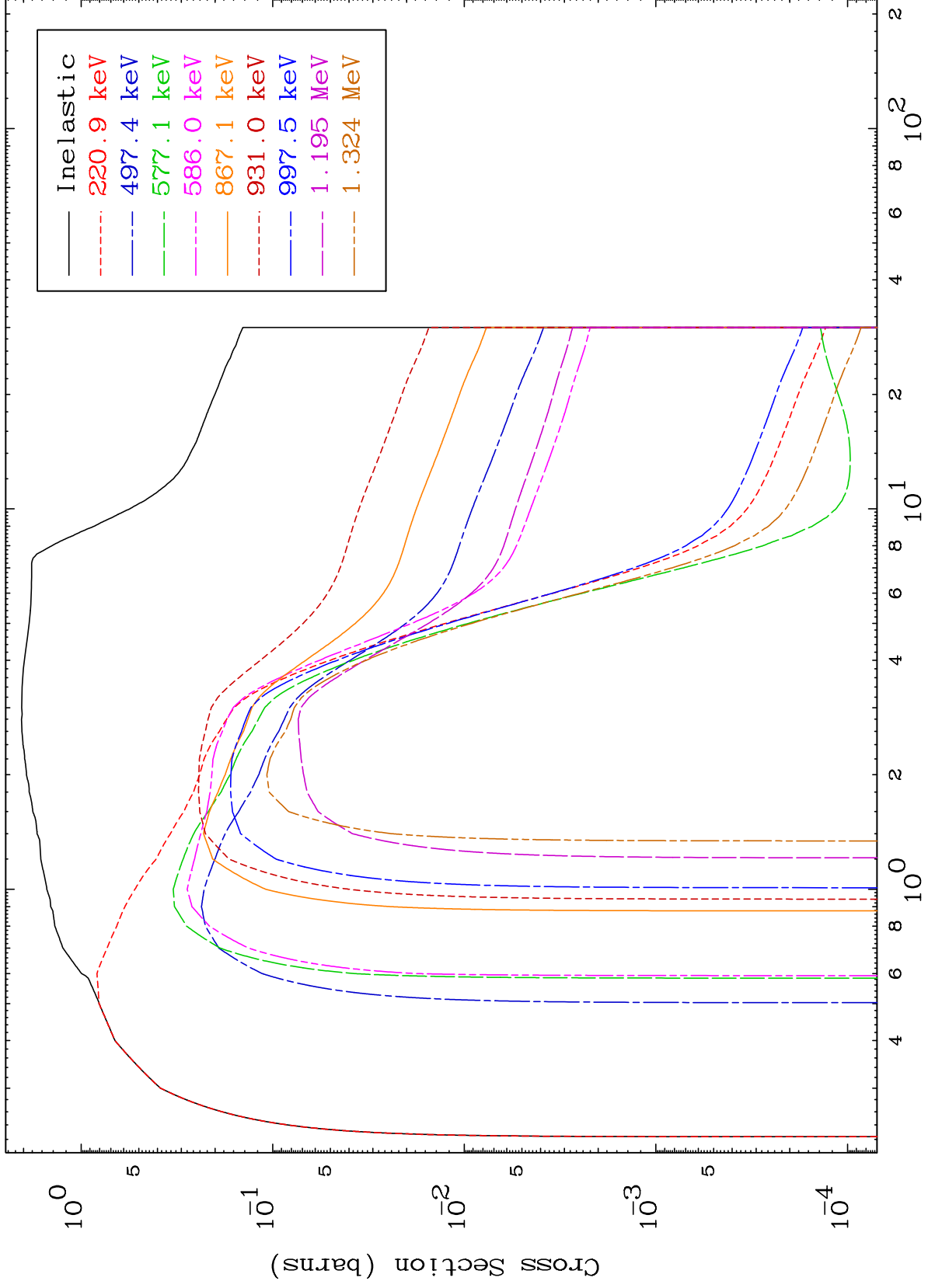
37-Rb-89



6

Incident Energy (MeV)

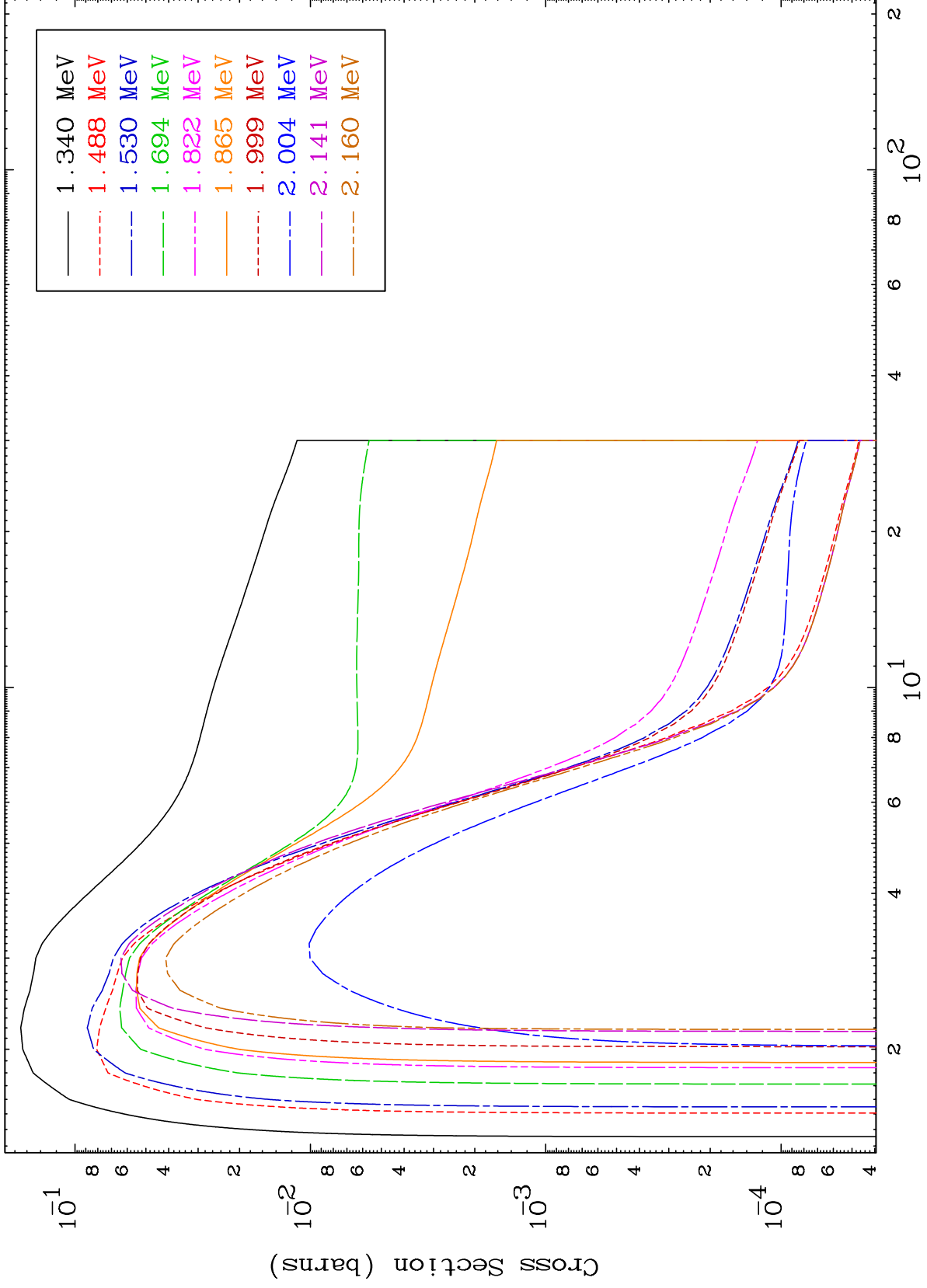
37-Rb-89



MAT 3737

(n,n') Level
293 Kelvin Cross Sections

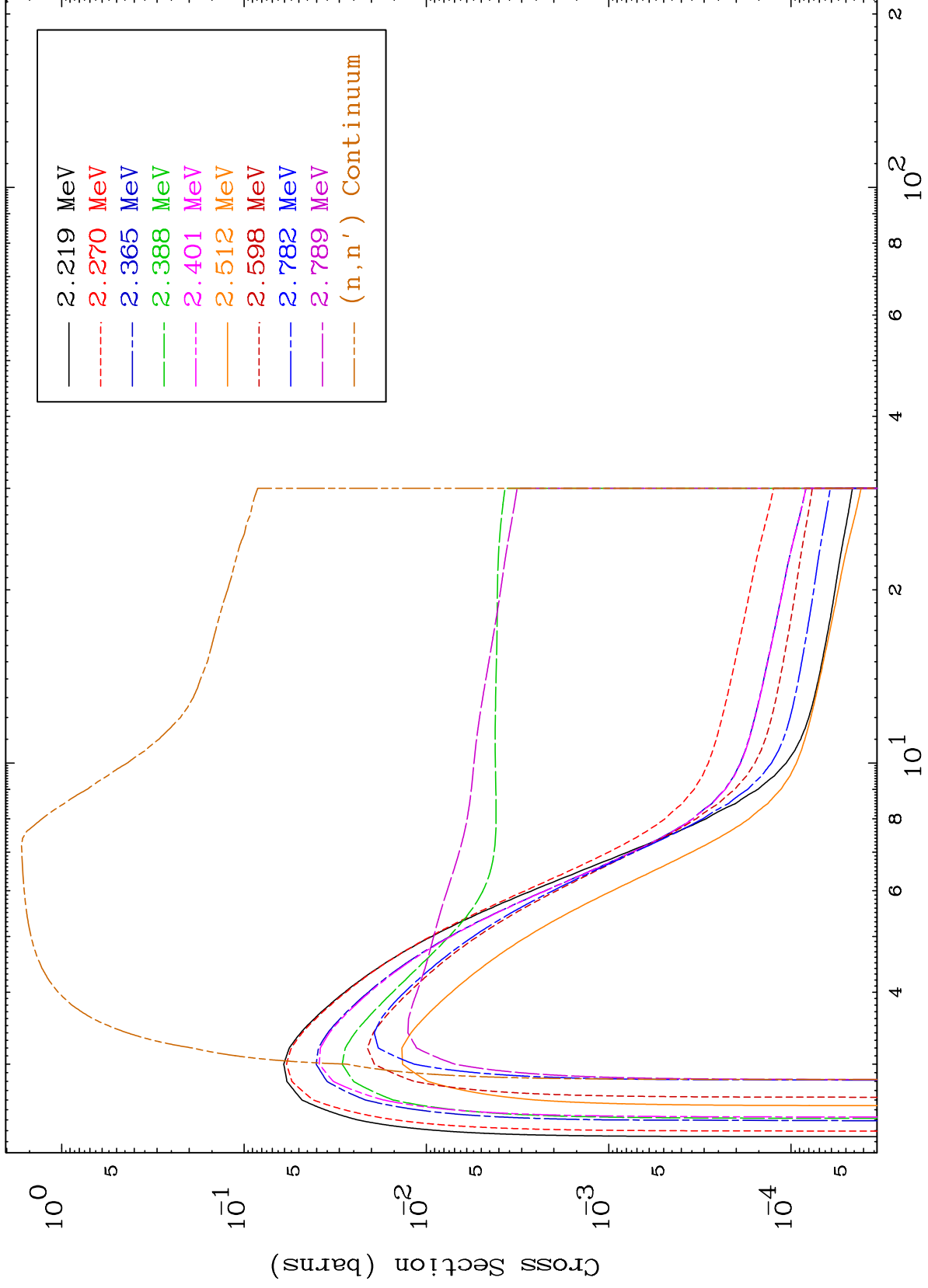
37-Rb-89



8

Incident Energy (MeV)

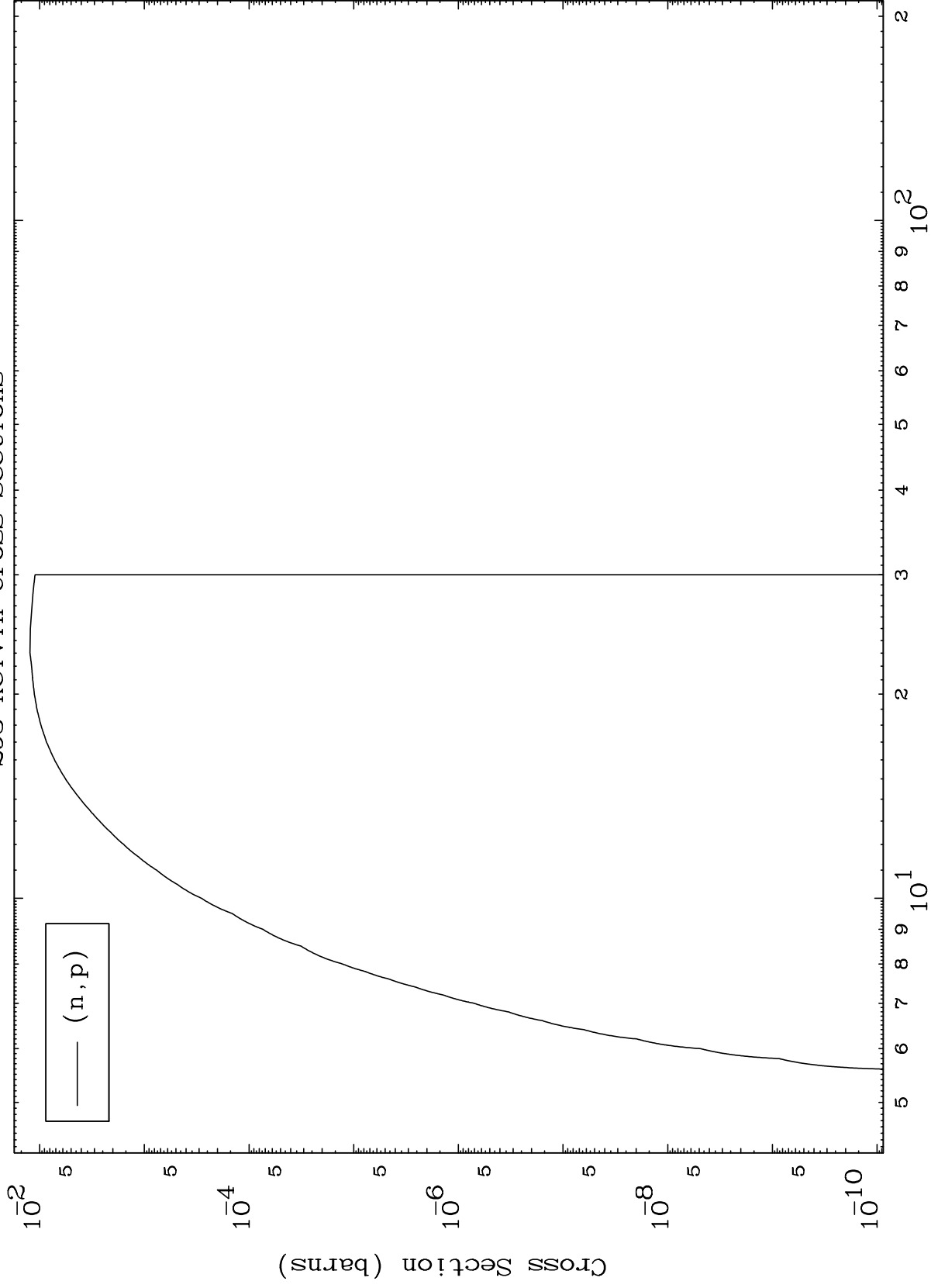
37-Rb-89



MAT 3737

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-89



10

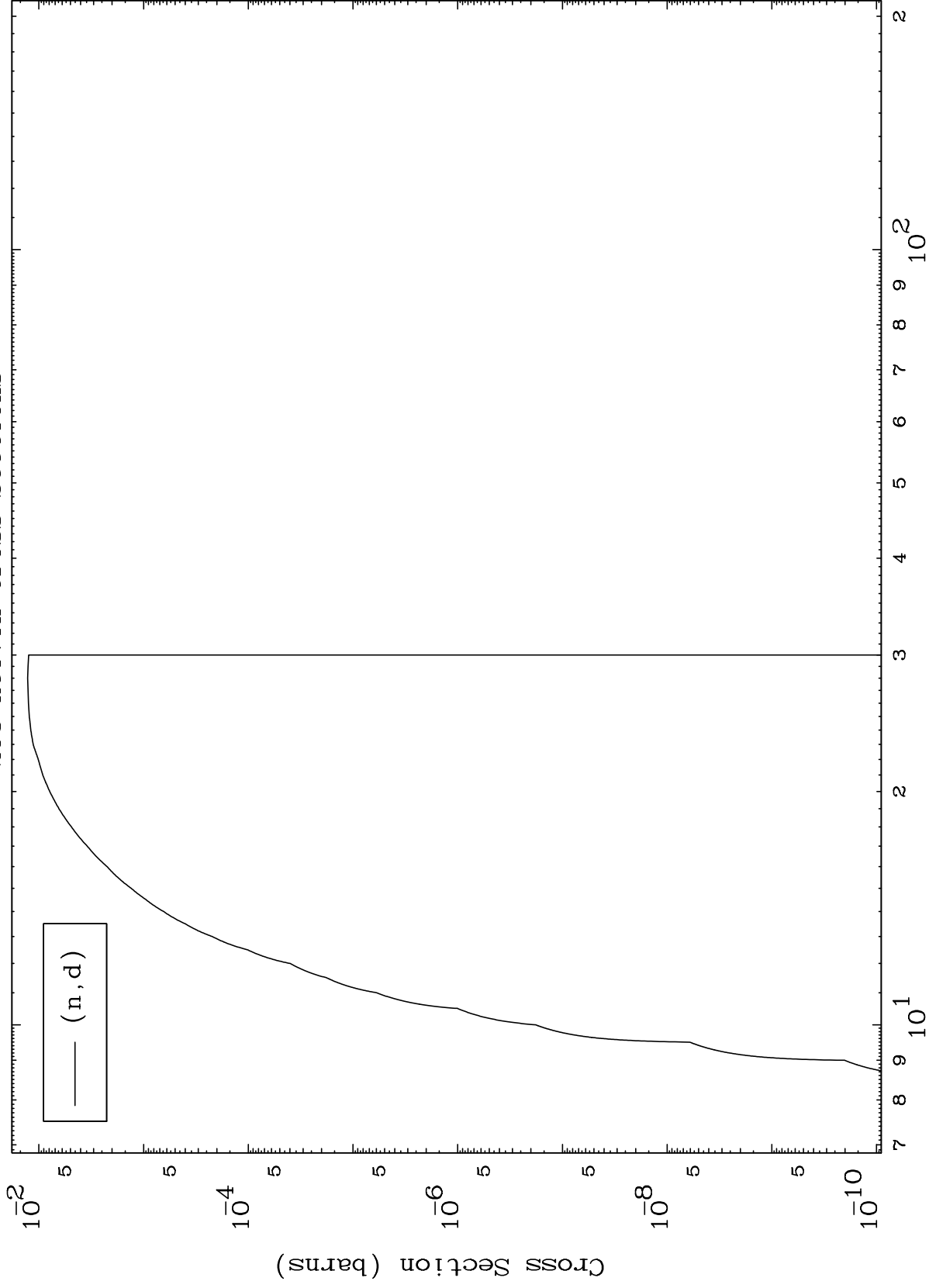
Incident Energy (MeV)

37-Rb-89

MAT 3737

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-89



11

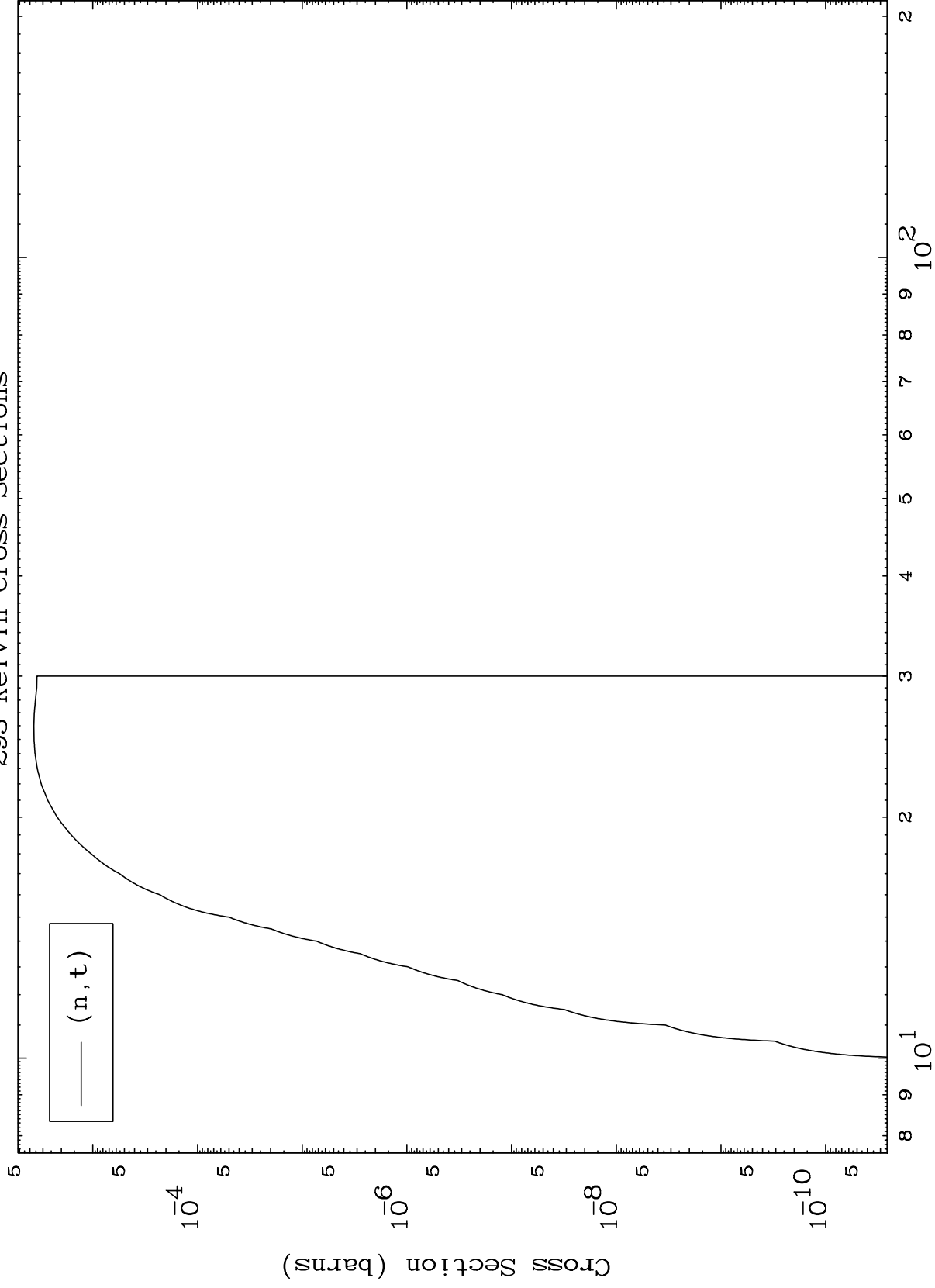
Incident Energy (MeV)

37-Rb-89

MAT 3737

(n,t) Levels
293 Kelvin Cross Sections

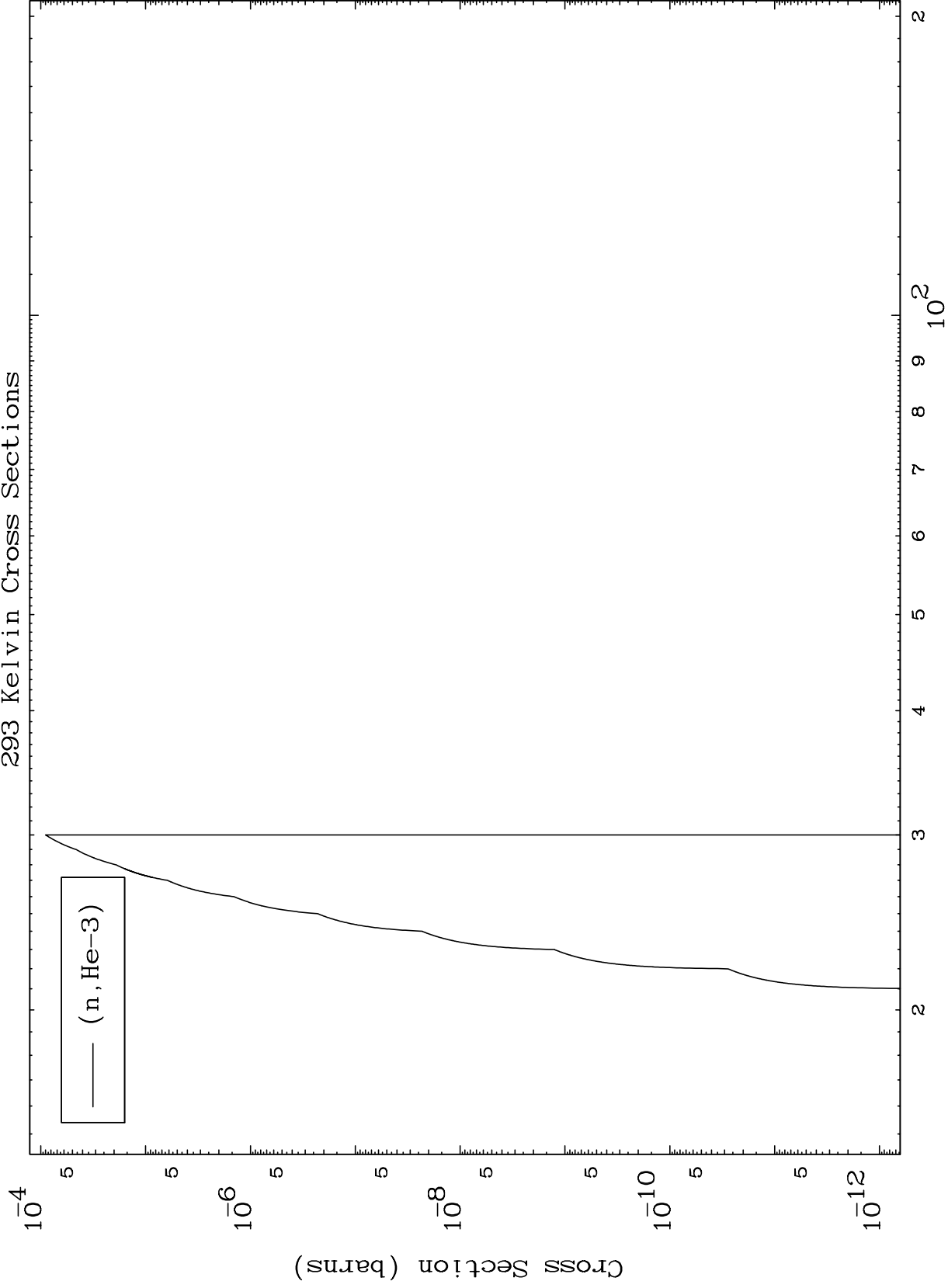
37-Rb-89



12

Incident Energy (MeV)

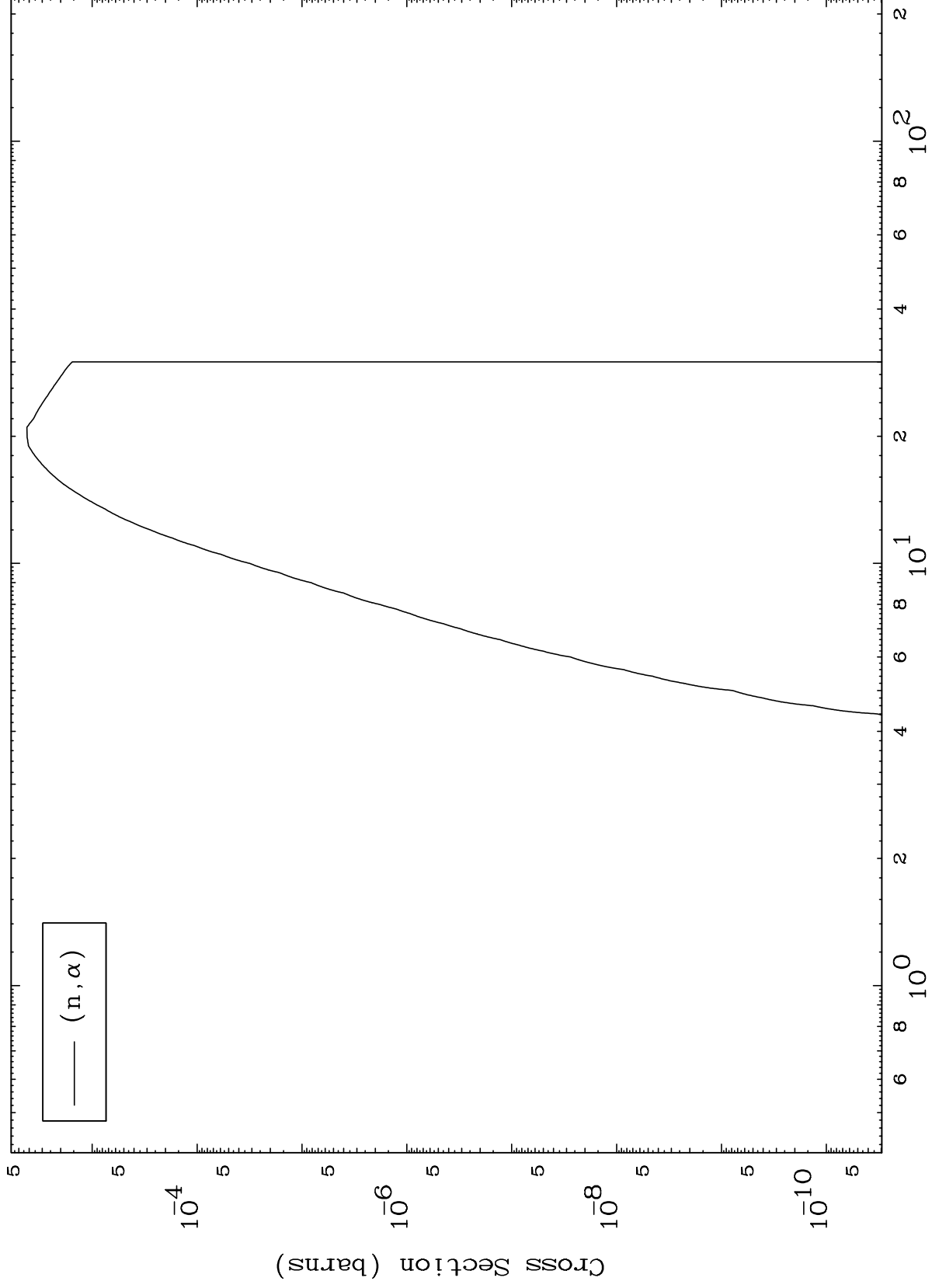
37-Rb-89



MAT 3737

(n, α) Levels
293 Kelvin Cross Sections

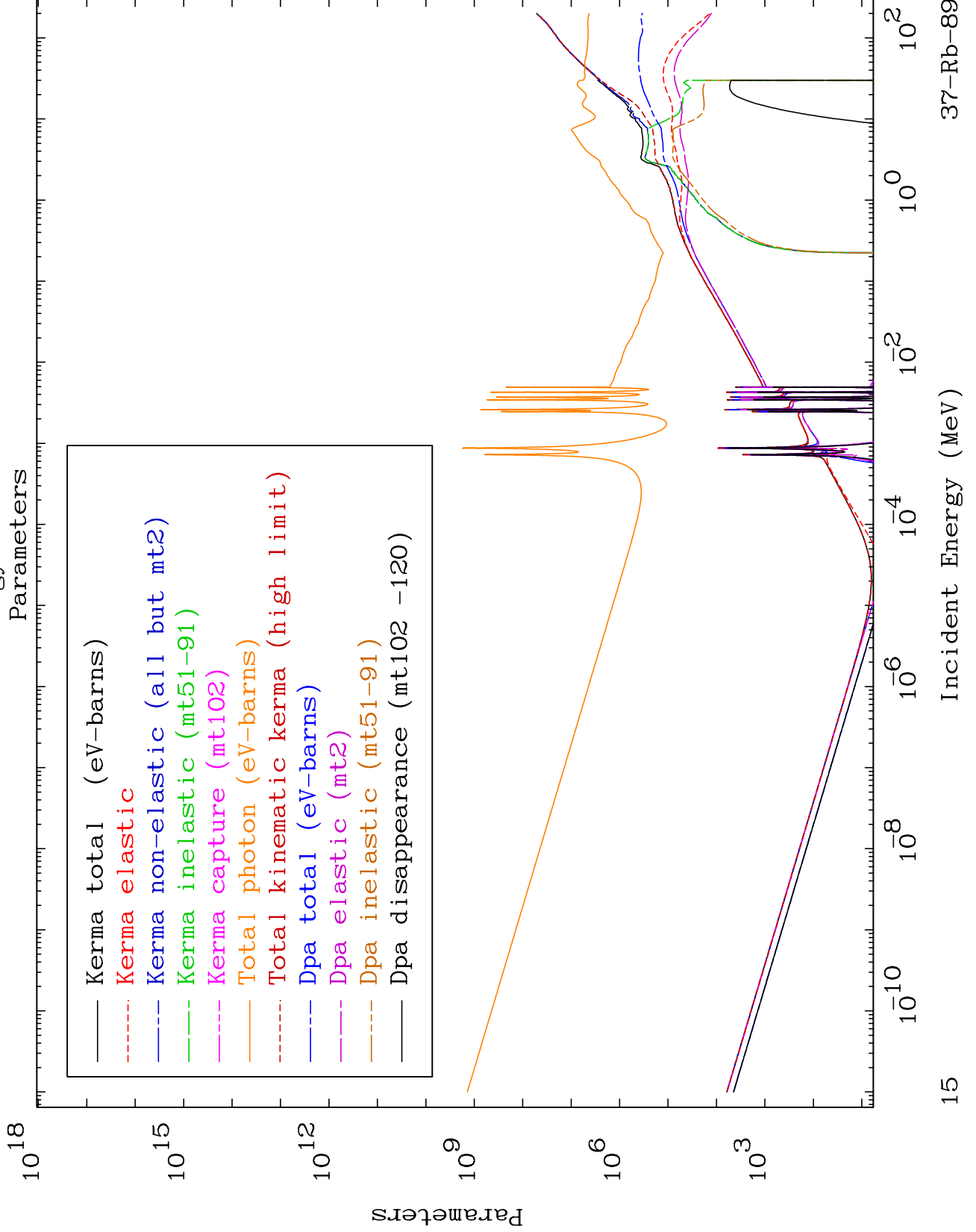
37-Rb-89



14

Incident Energy (MeV)

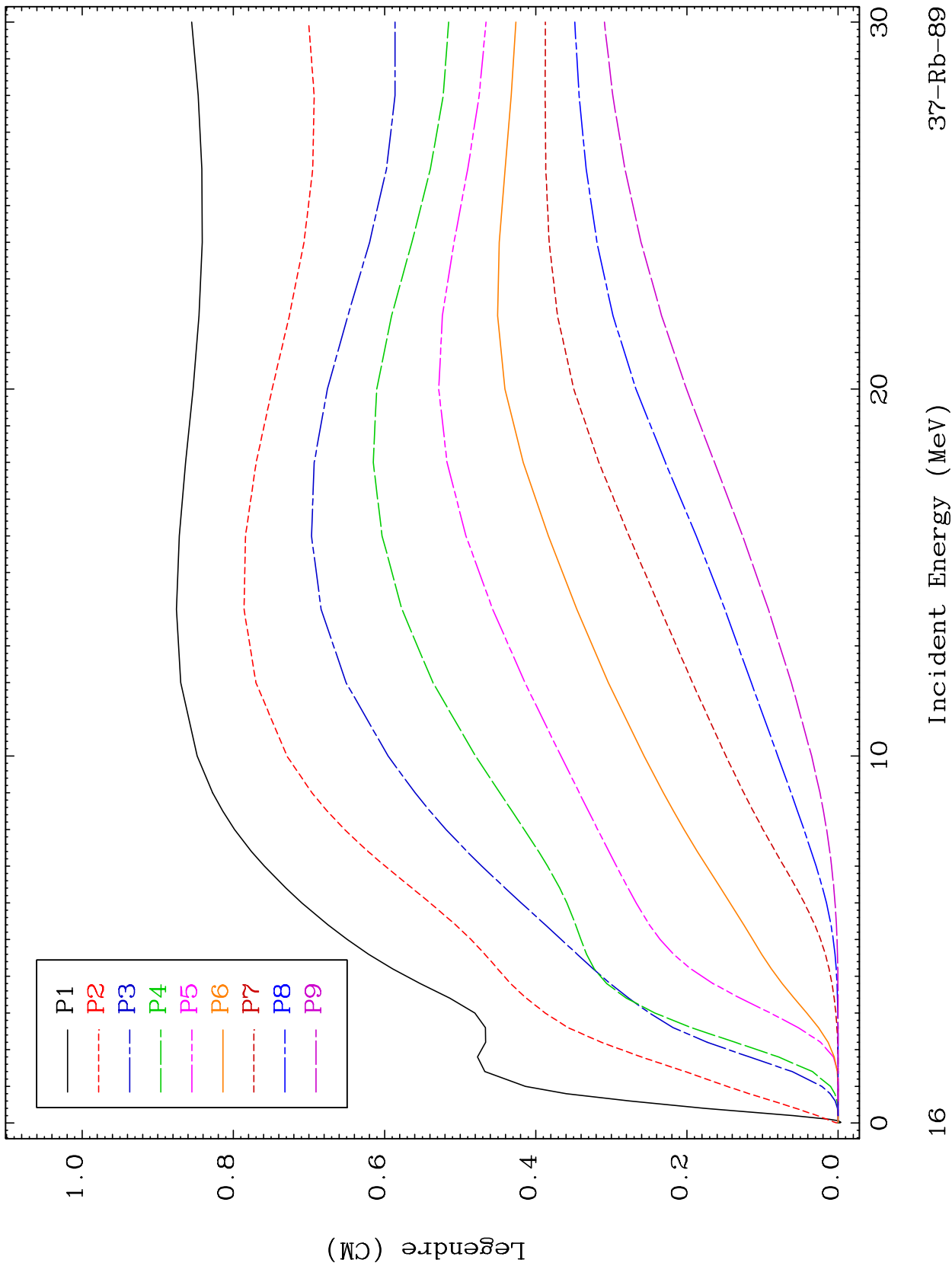
37-Rb-89



MAT 3737

Elastic Legendre Coefficients

37-Rb-89



16

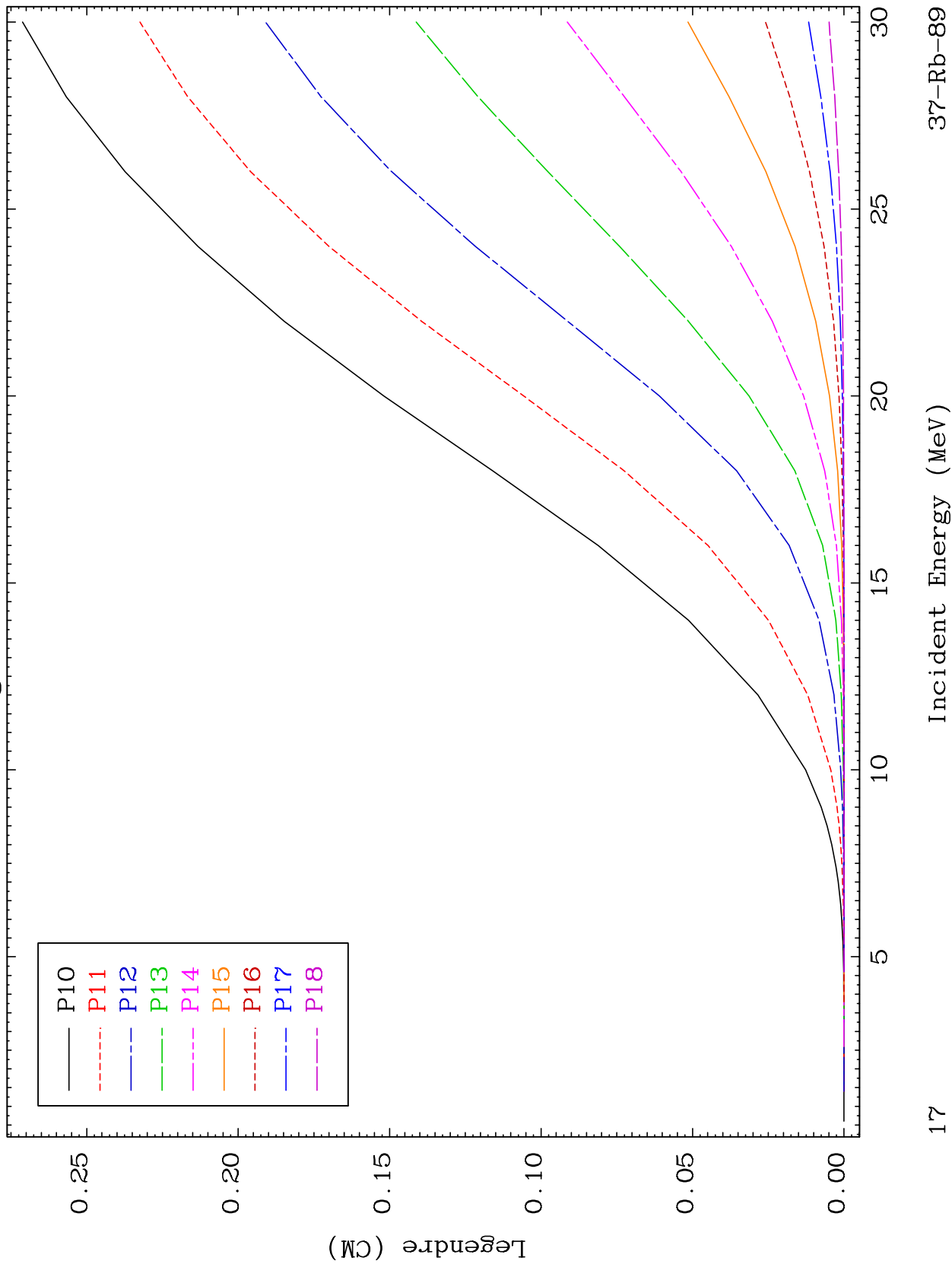
Incident Energy (MeV)

37-Rb-89

MAT 3737

Elastic Legendre Coefficients

37-Rb-89

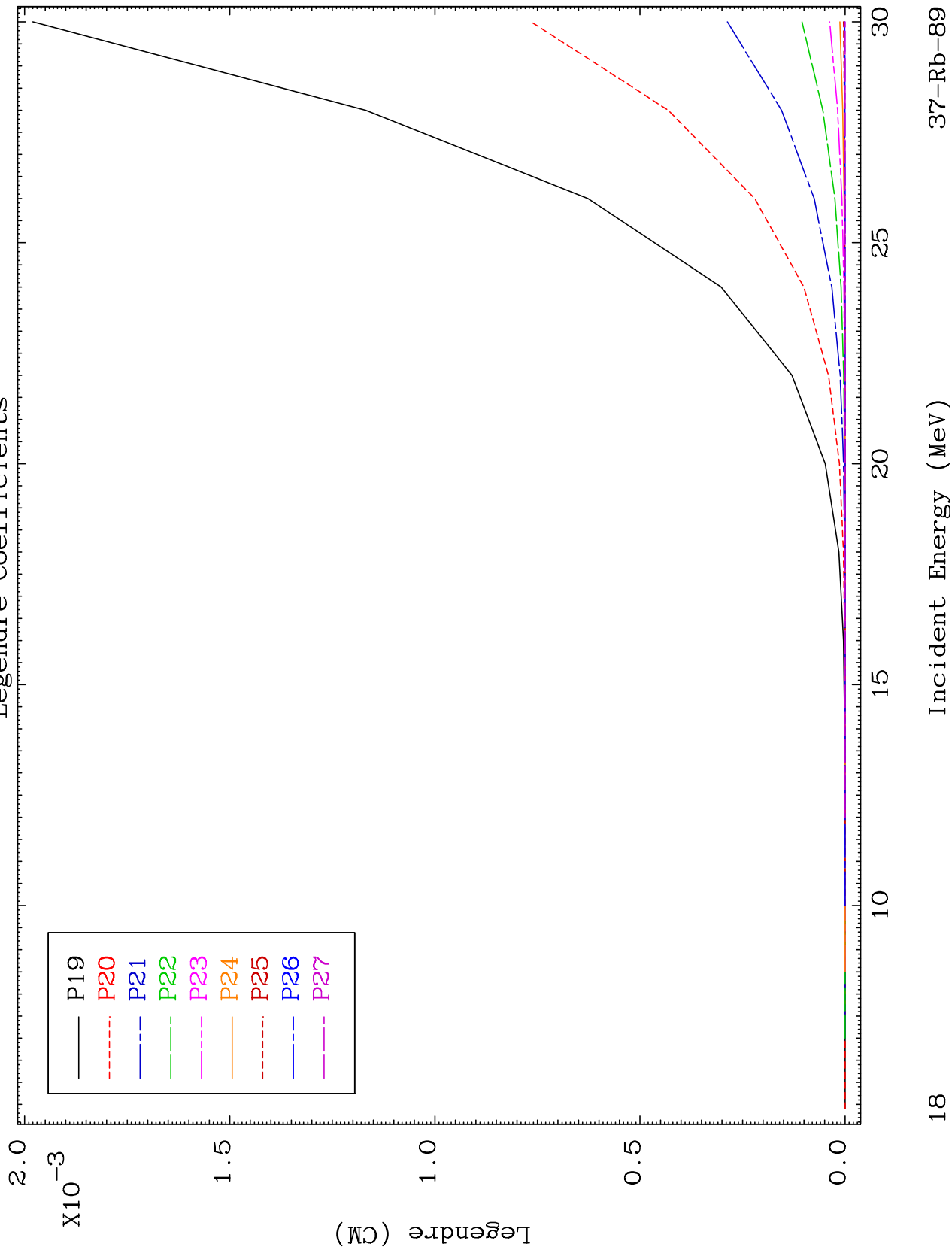


17

MAT 3737

Elastic
Legendre Coefficients

37-Rb-89



18

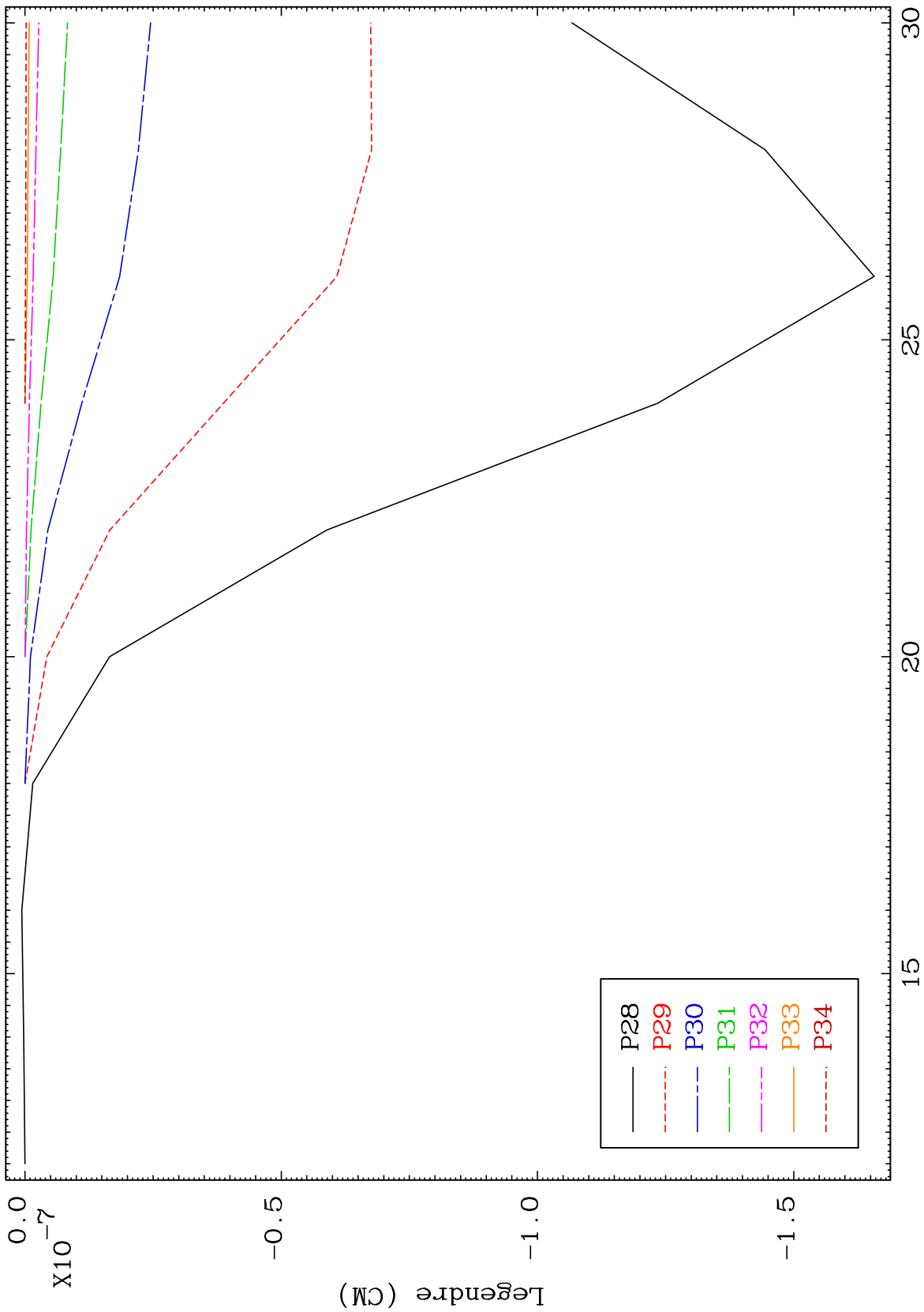
Incident Energy (MeV)

37-Rb-89

MAT 3737

37-Rb-89

Elastic Legendre Coefficients



19

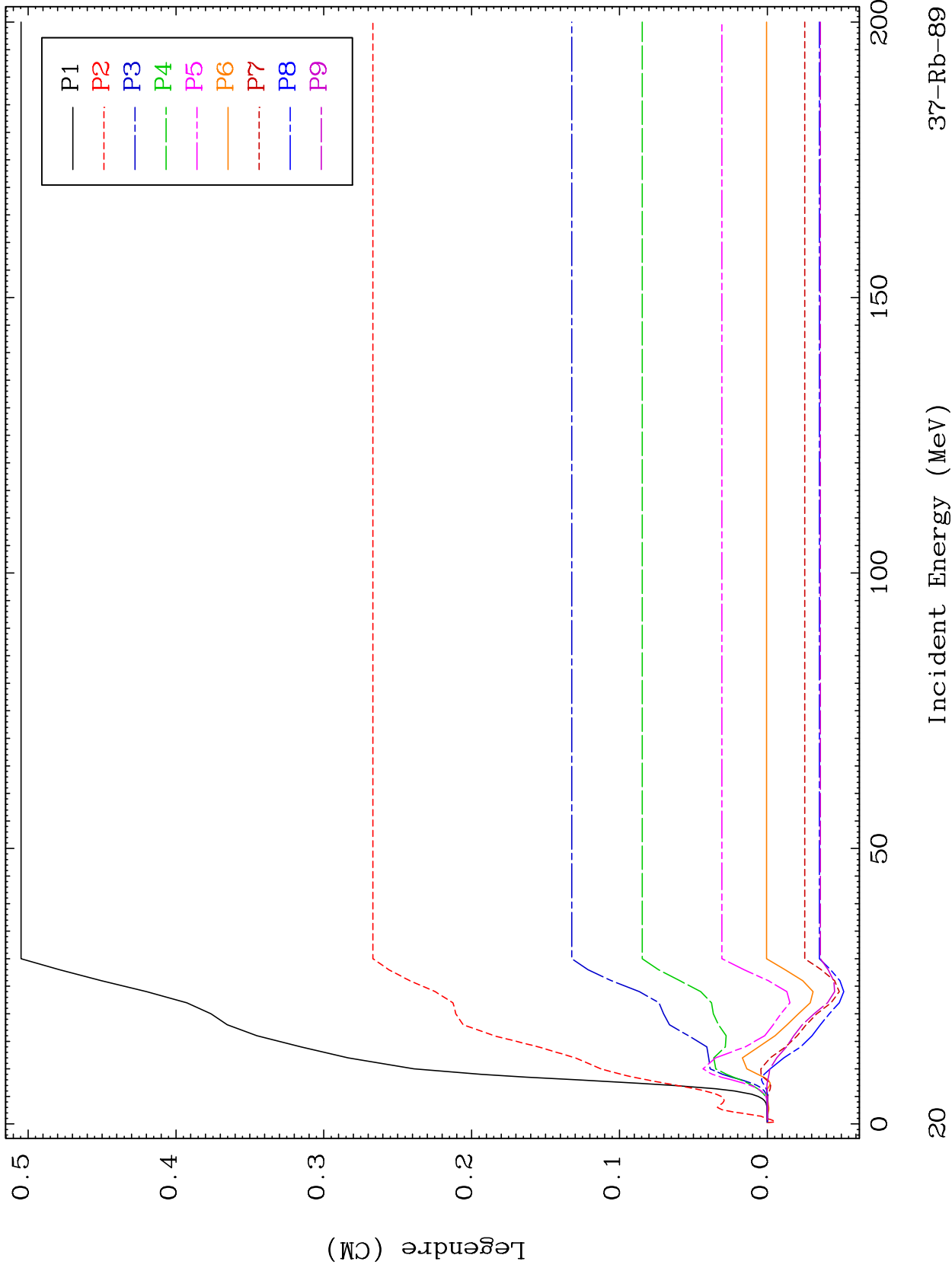
Incident Energy (MeV)

37-Rb-89

MAT 3737

220.9 keV (n,n') Level
Legendre Coefficients

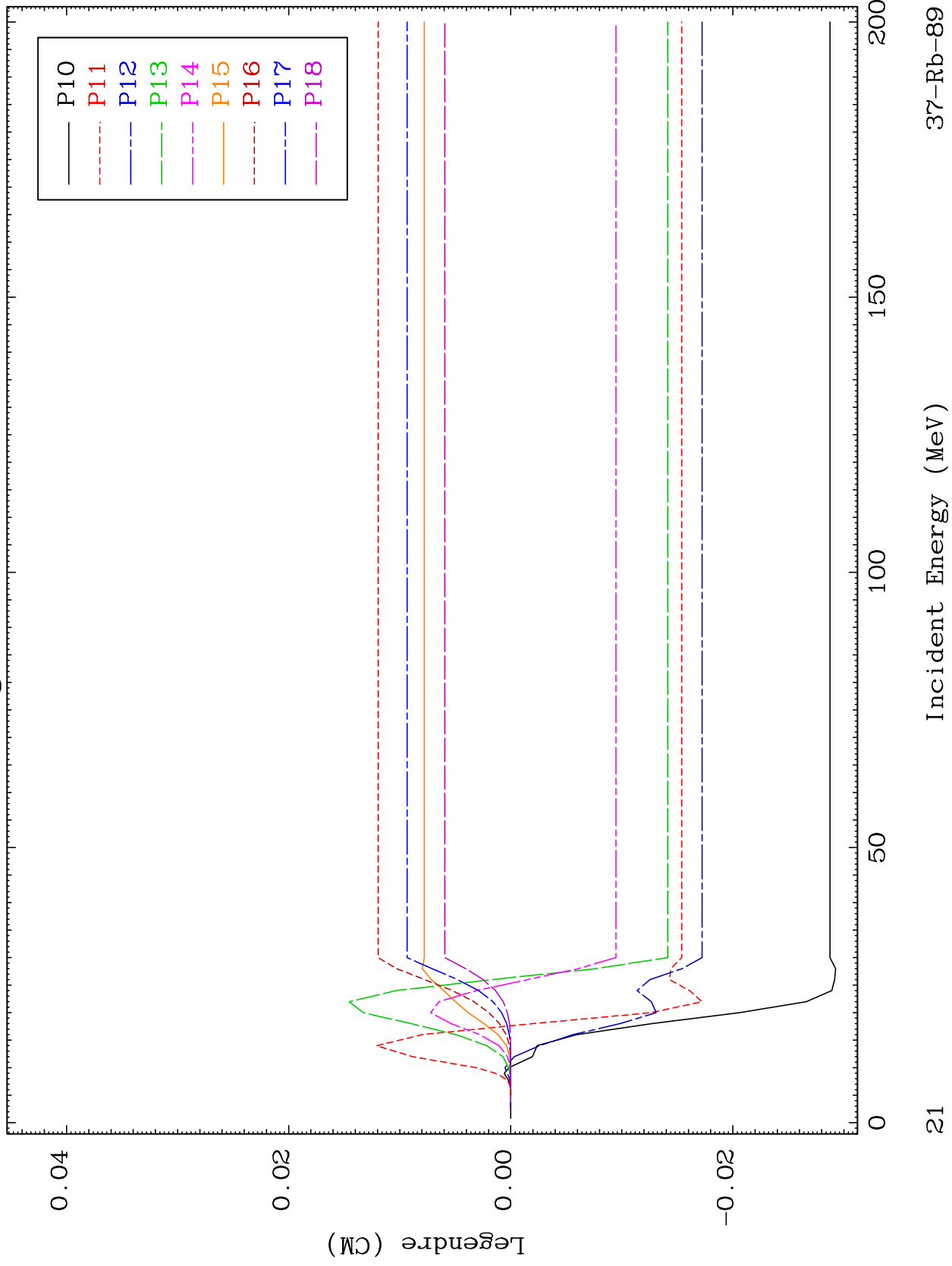
37-Rb-89



MAT 3737

220.9 keV (n,n') Level
Legendre Coefficients

37-Rb-89



21

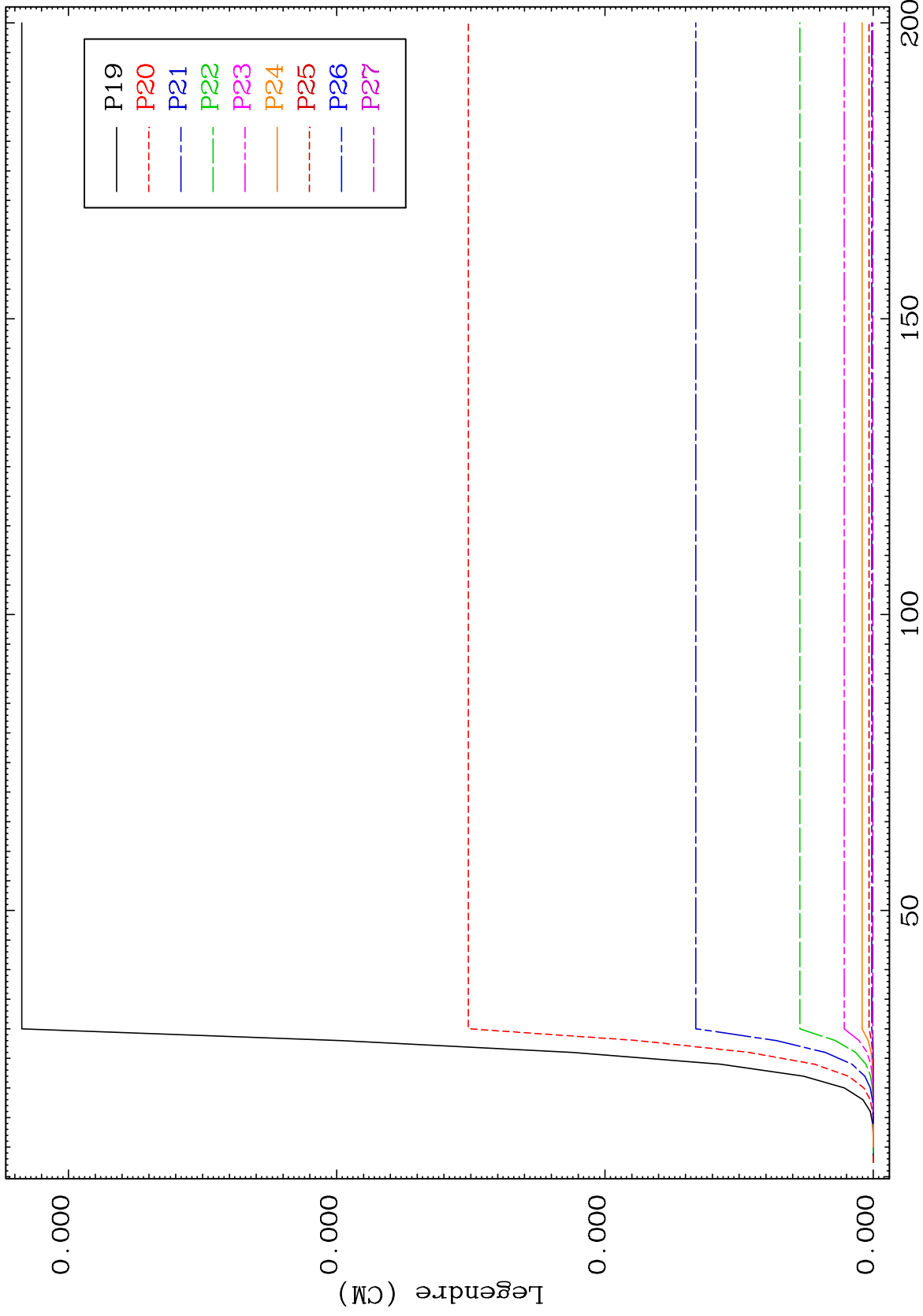
Incident Energy (MeV)

37-Rb-89

MAT 3737

220.9 keV (n,n') Level
Legendre Coefficients

37-Rb-89



22

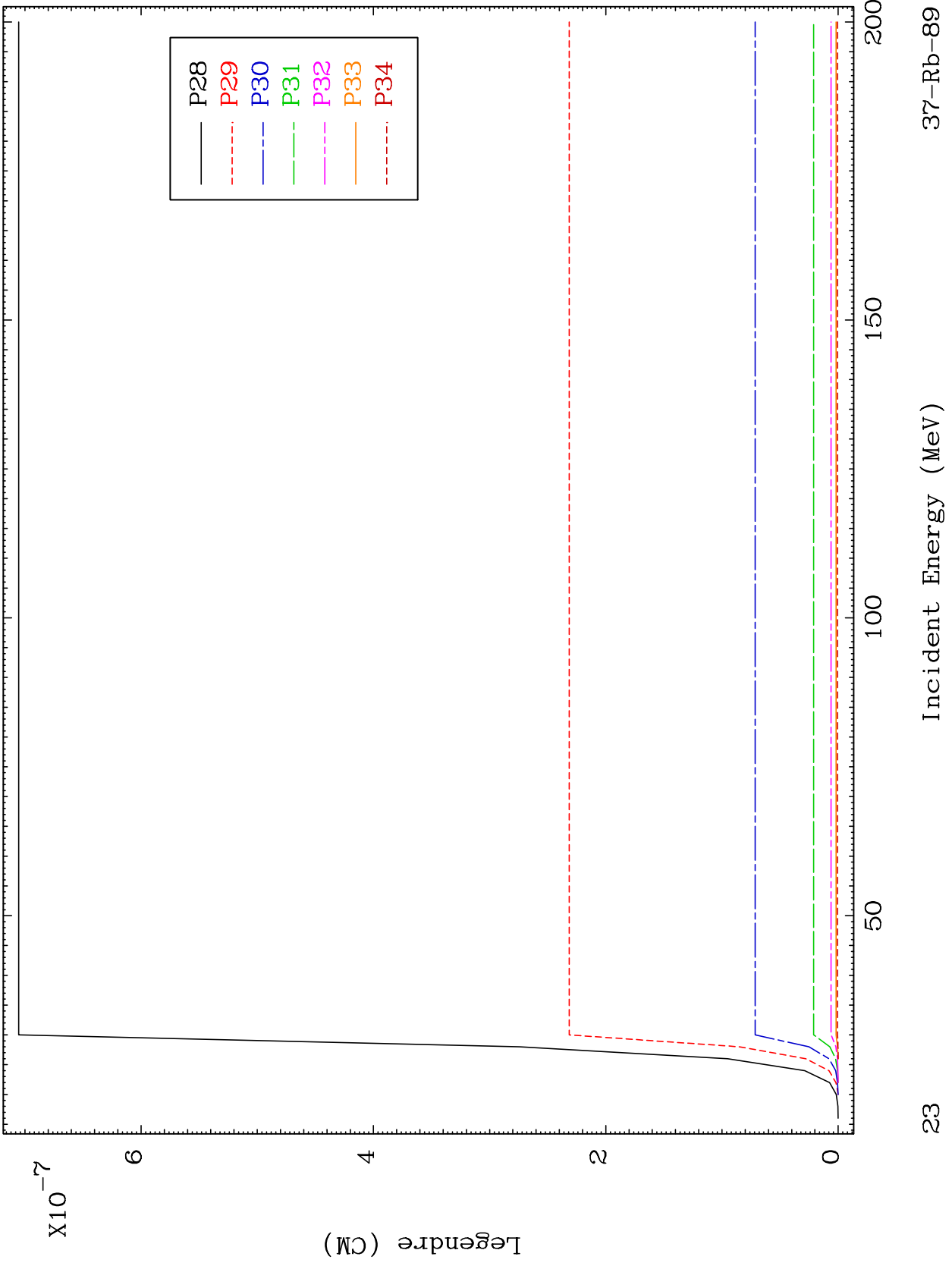
Incident Energy (MeV)

37-Rb-89

MAT 3737

220.9 keV (n,n') Level
Legendre Coefficients

37-Rb-89



23

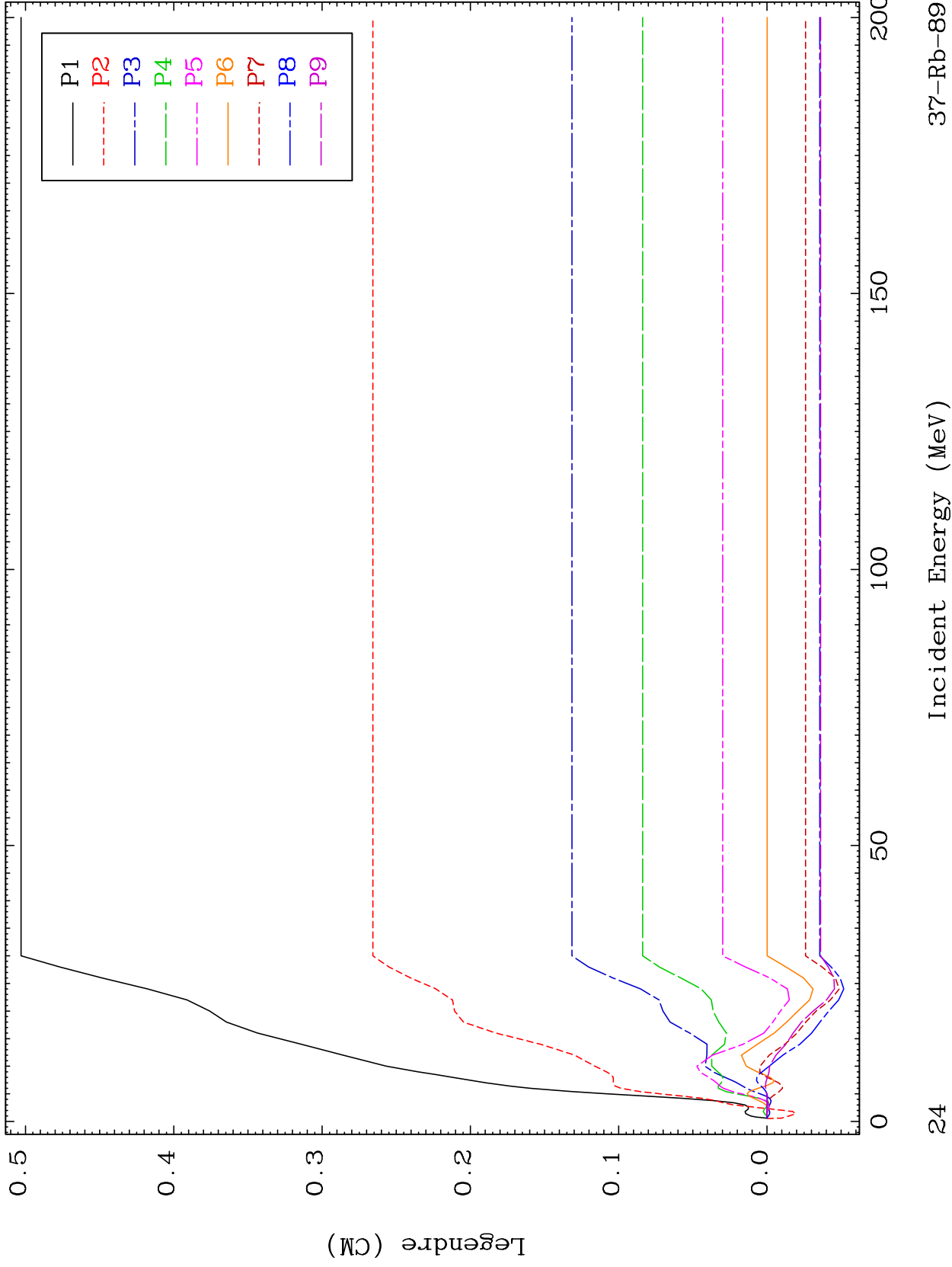
Incident Energy (MeV)

37-Rb-89

MAT 3737

497.4 keV (n,n') Level
Legendre Coefficients

37-Rb-89



37-Rb-89

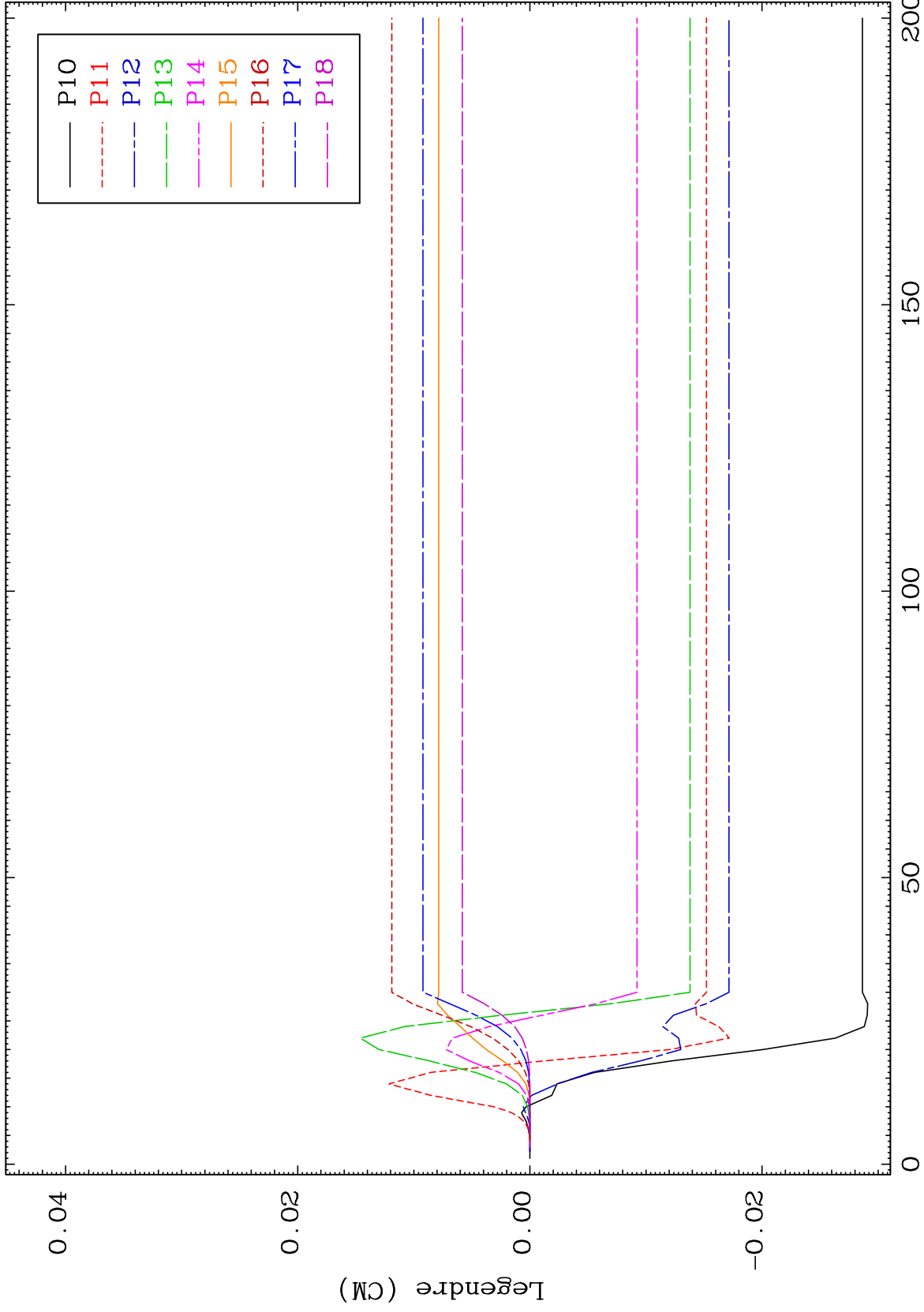
Incident Energy (MeV)

24

MAT 3737

497.4 keV (n,n') Level
Legendre Coefficients

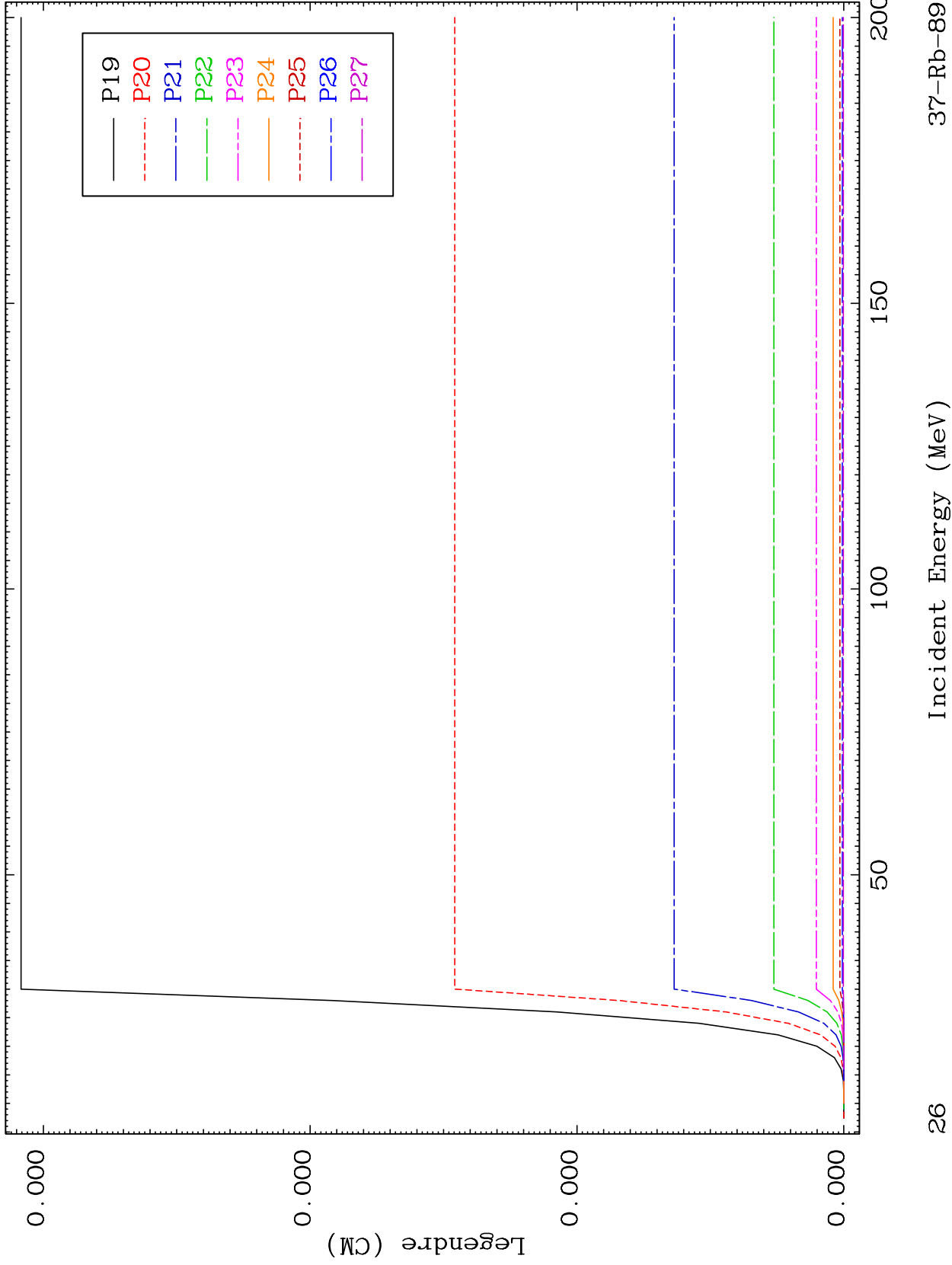
37-Rb-89



25

Incident Energy (MeV)

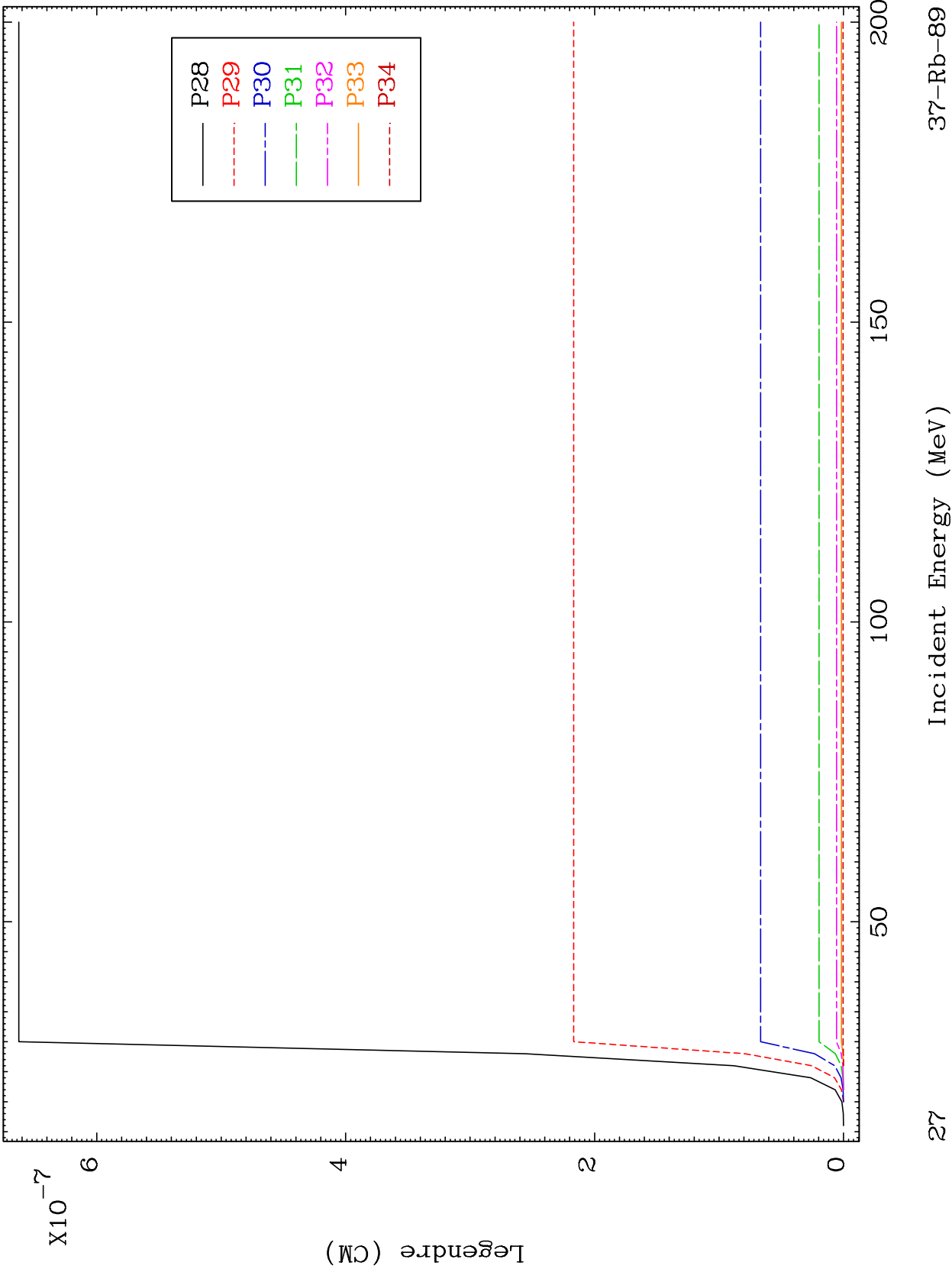
37-Rb-89



MAT 3737

497.4 keV (n,n') Level
Legendre Coefficients

37-Rb-89



27

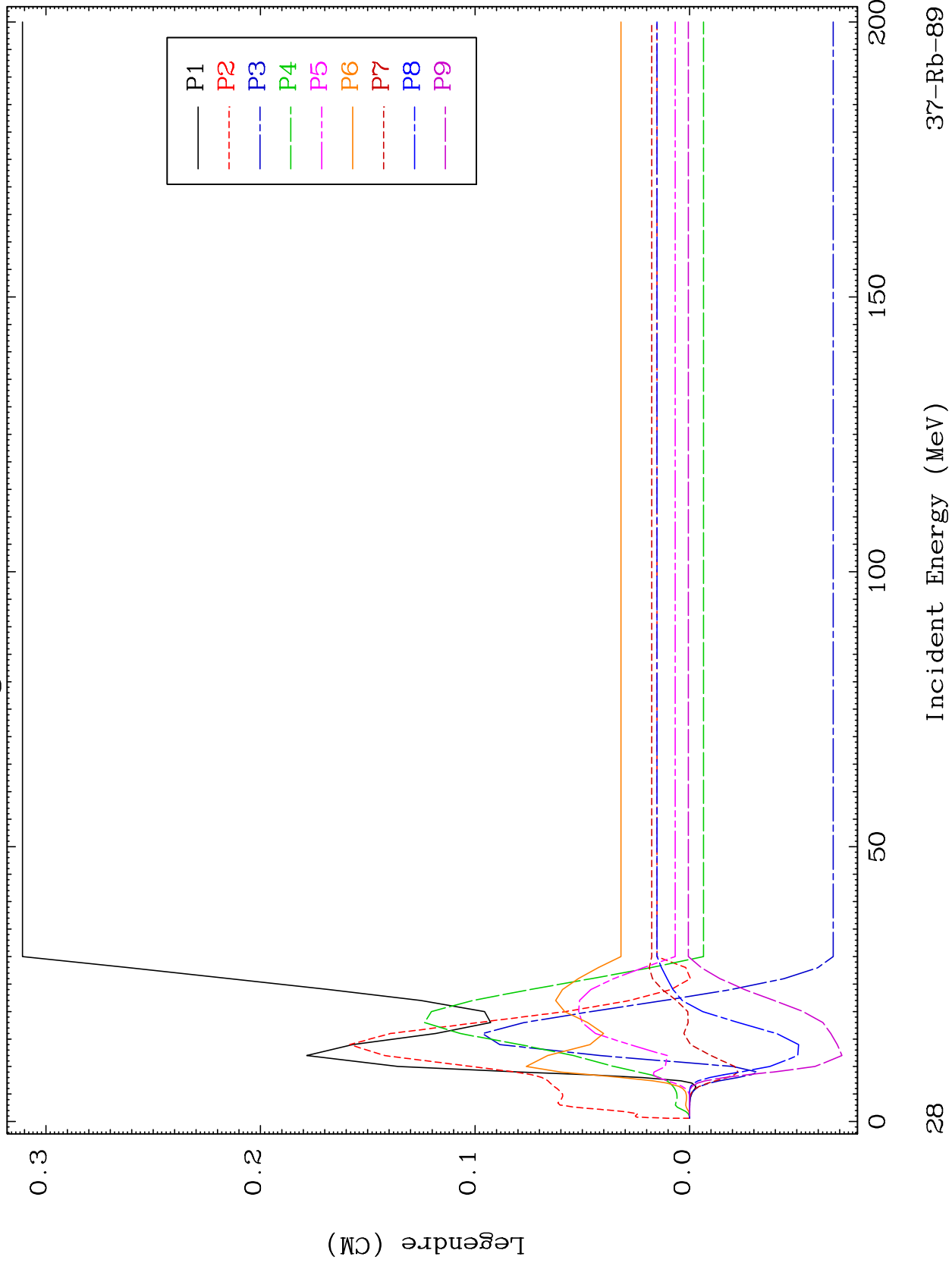
Incident Energy (MeV)

37-Rb-89

MAT 3737

577.1 keV (n,n') Level
Legendre Coefficients

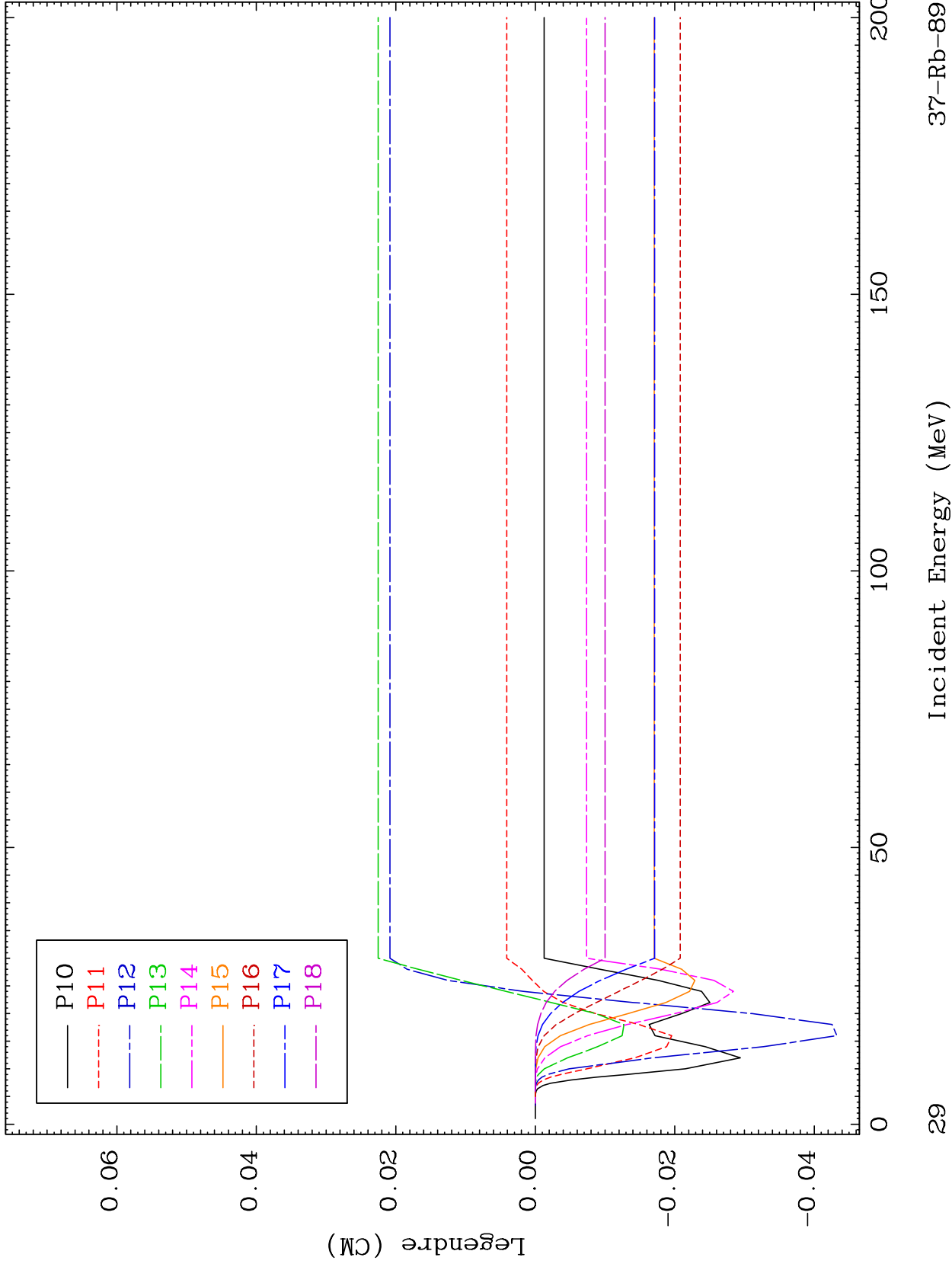
37-Rb-89

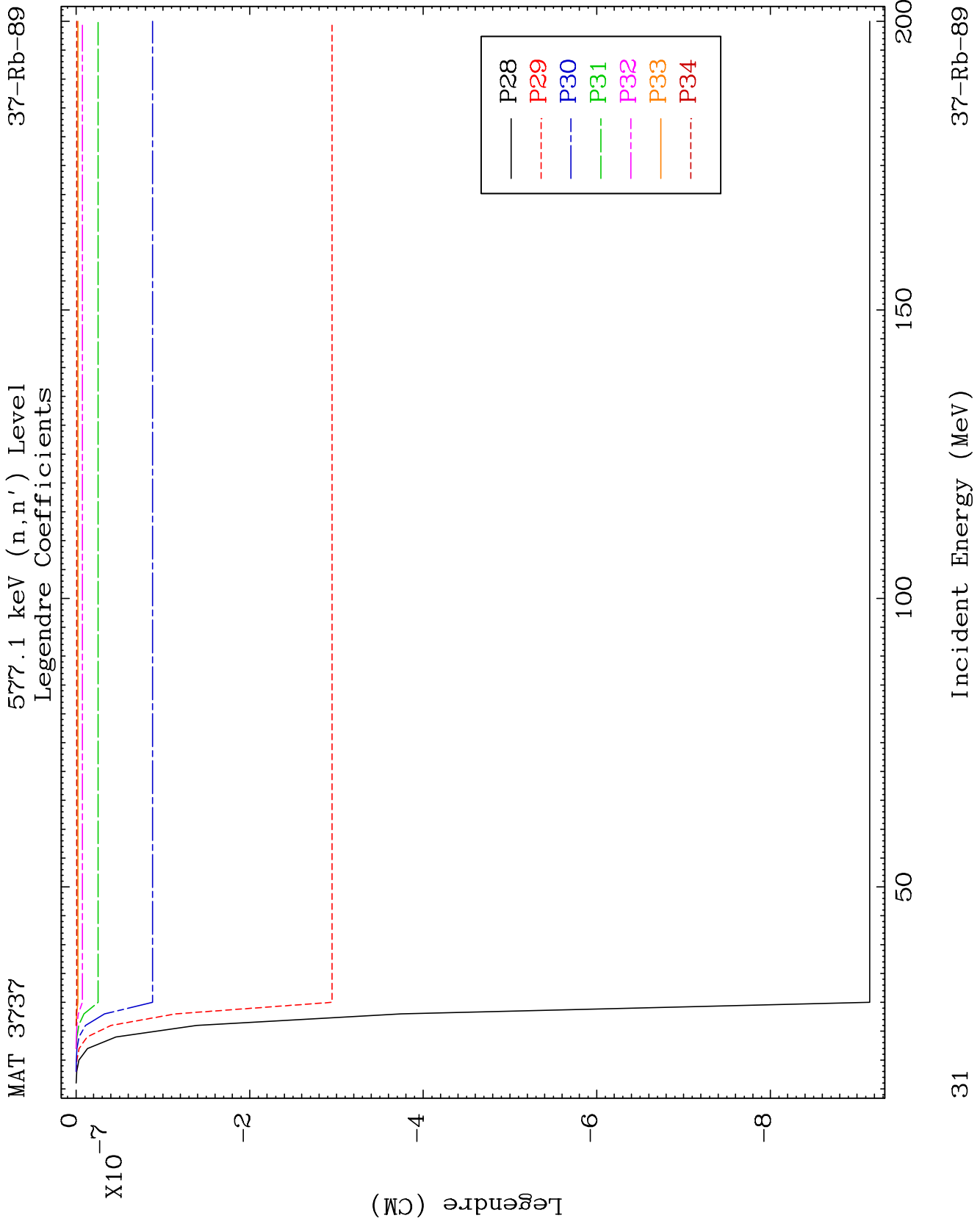


37-Rb-89

Incident Energy (MeV)

28

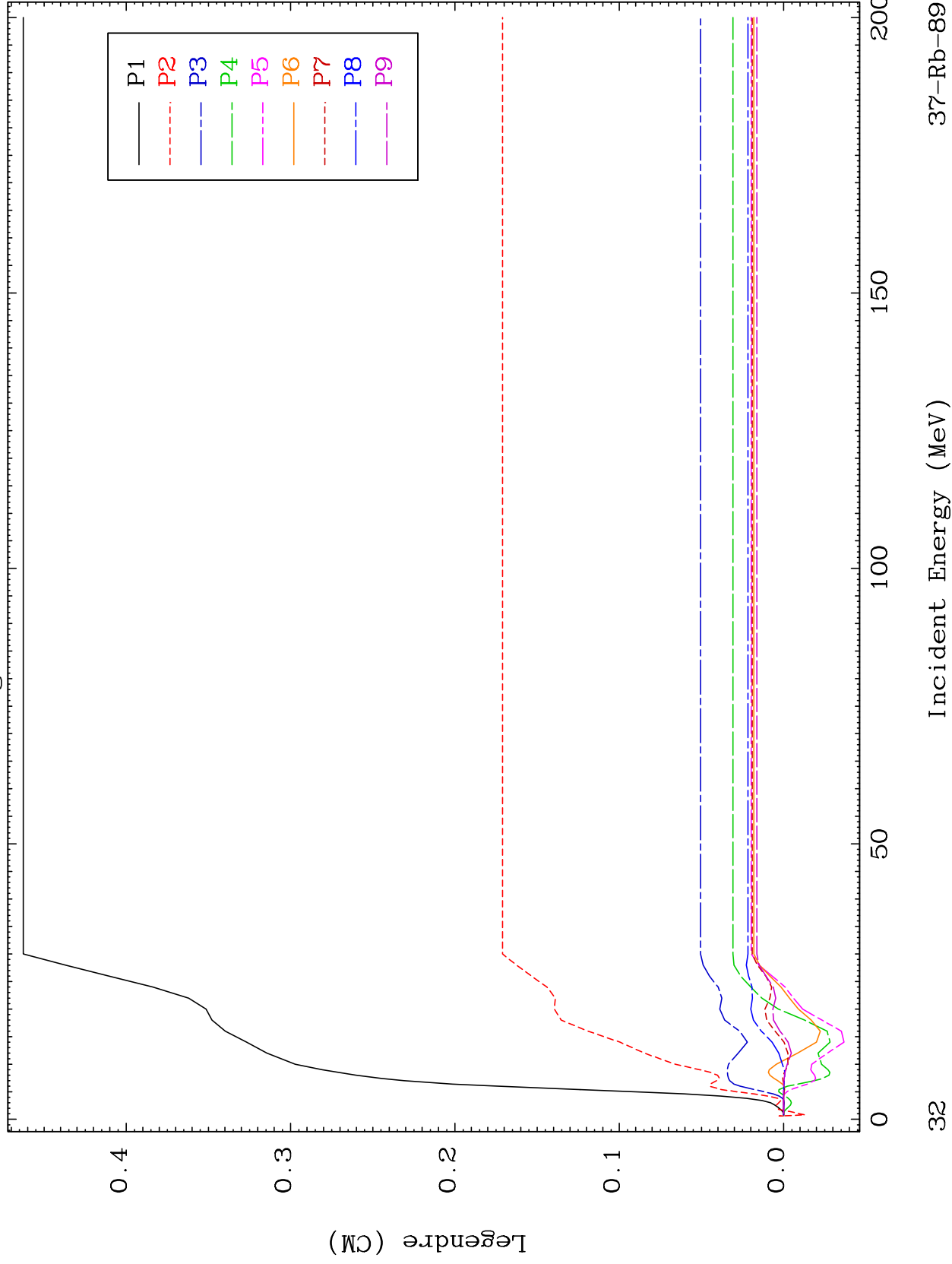




MAT 3737

586.0 keV (n,n') Level
Legendre Coefficients

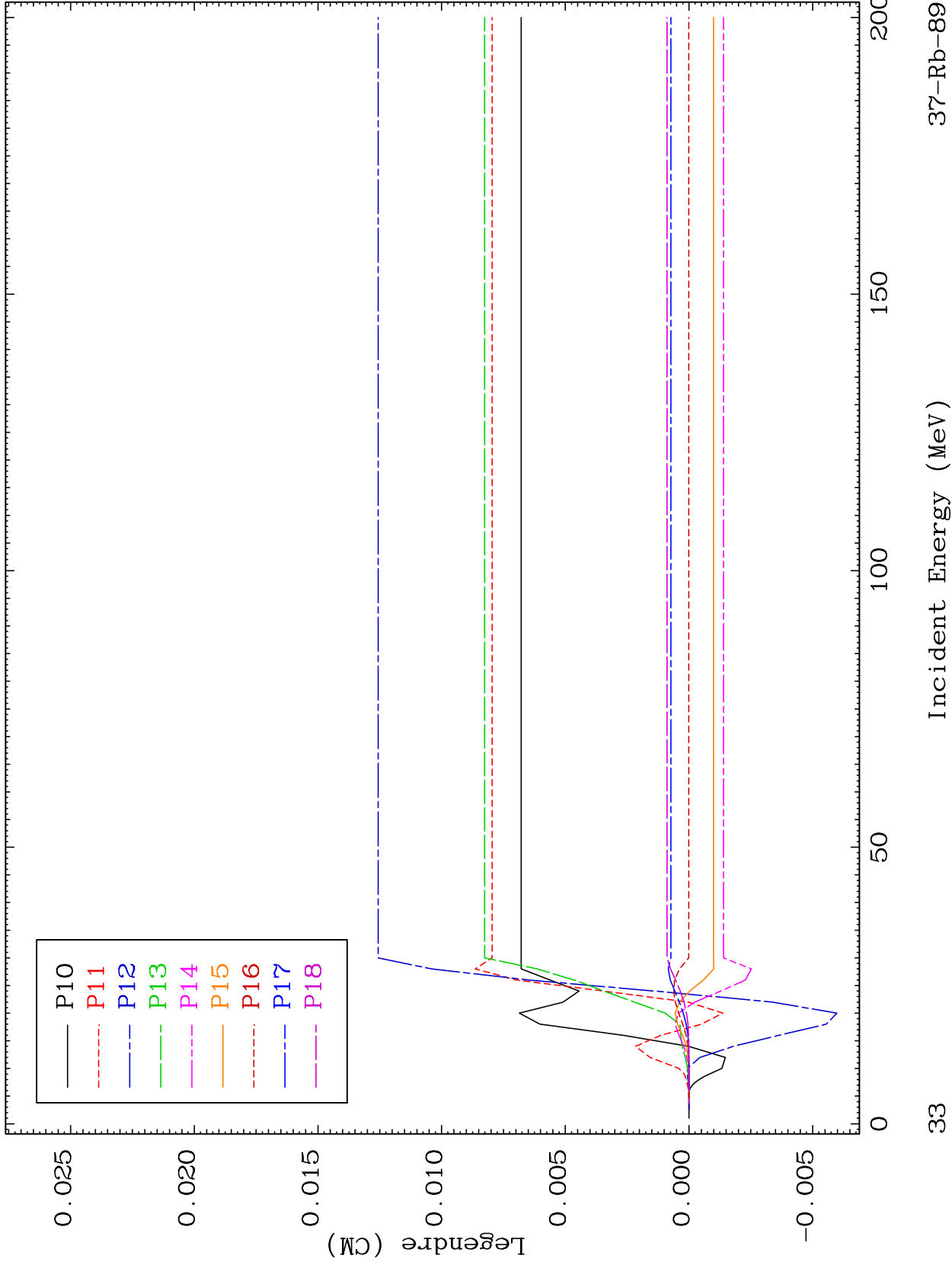
37-Rb-89



37-Rb-89

Incident Energy (MeV)

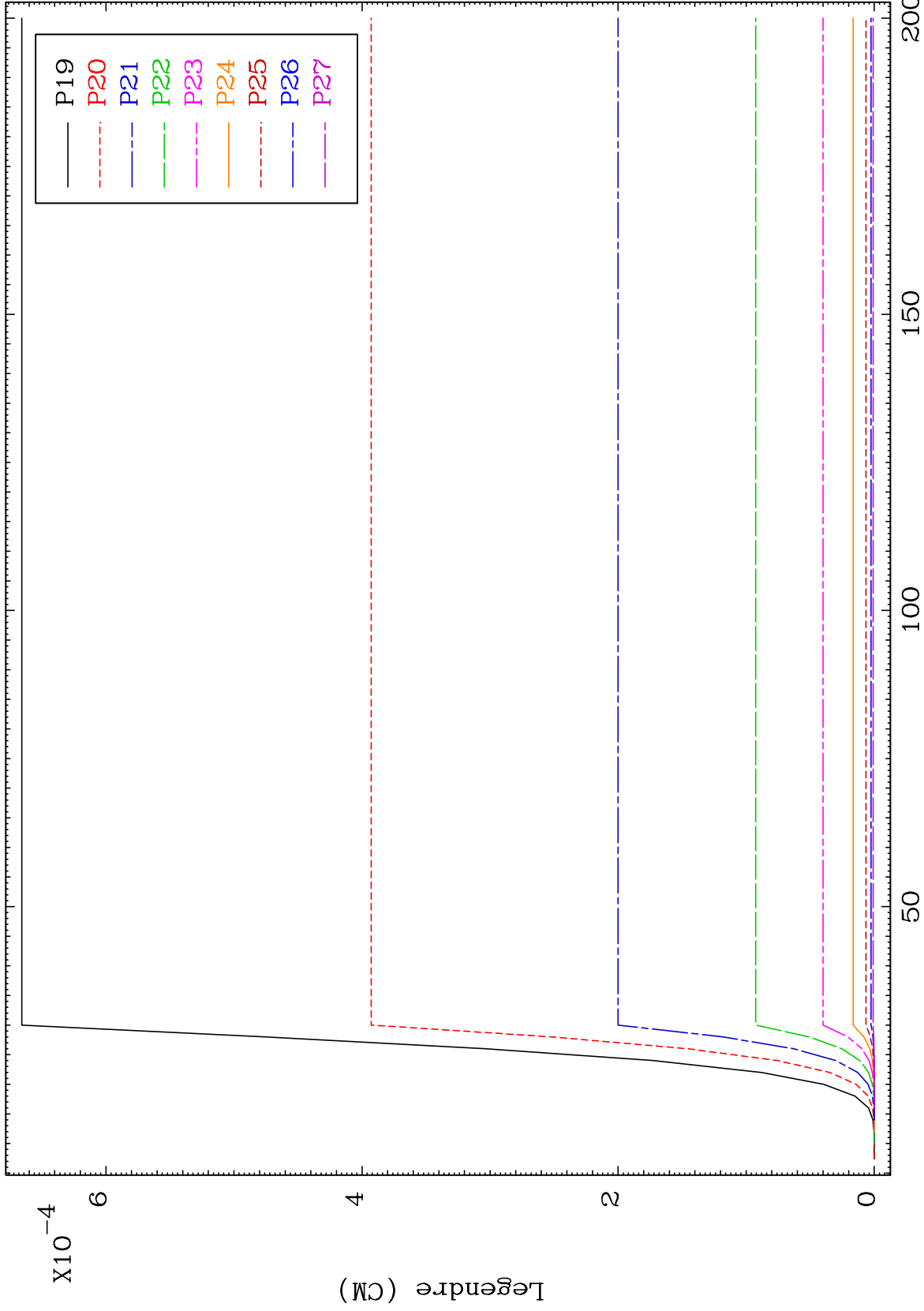
32



MAT 3737

586.0 keV (n,n') Level
Legendre Coefficients

37-Rb-89



34

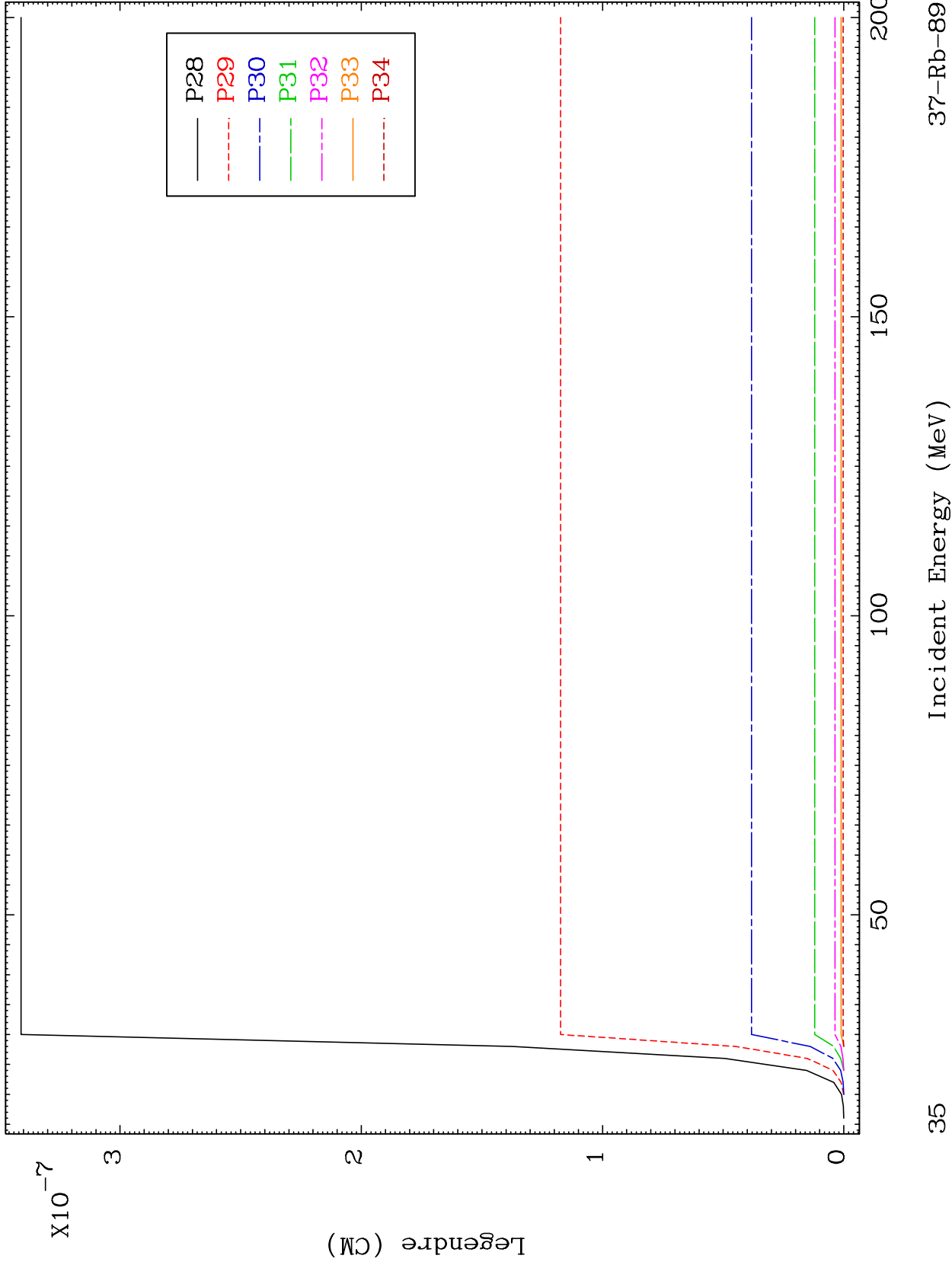
Incident Energy (MeV)

37-Rb-89

MAT 3737

586.0 keV (n,n') Level
Legendre Coefficients

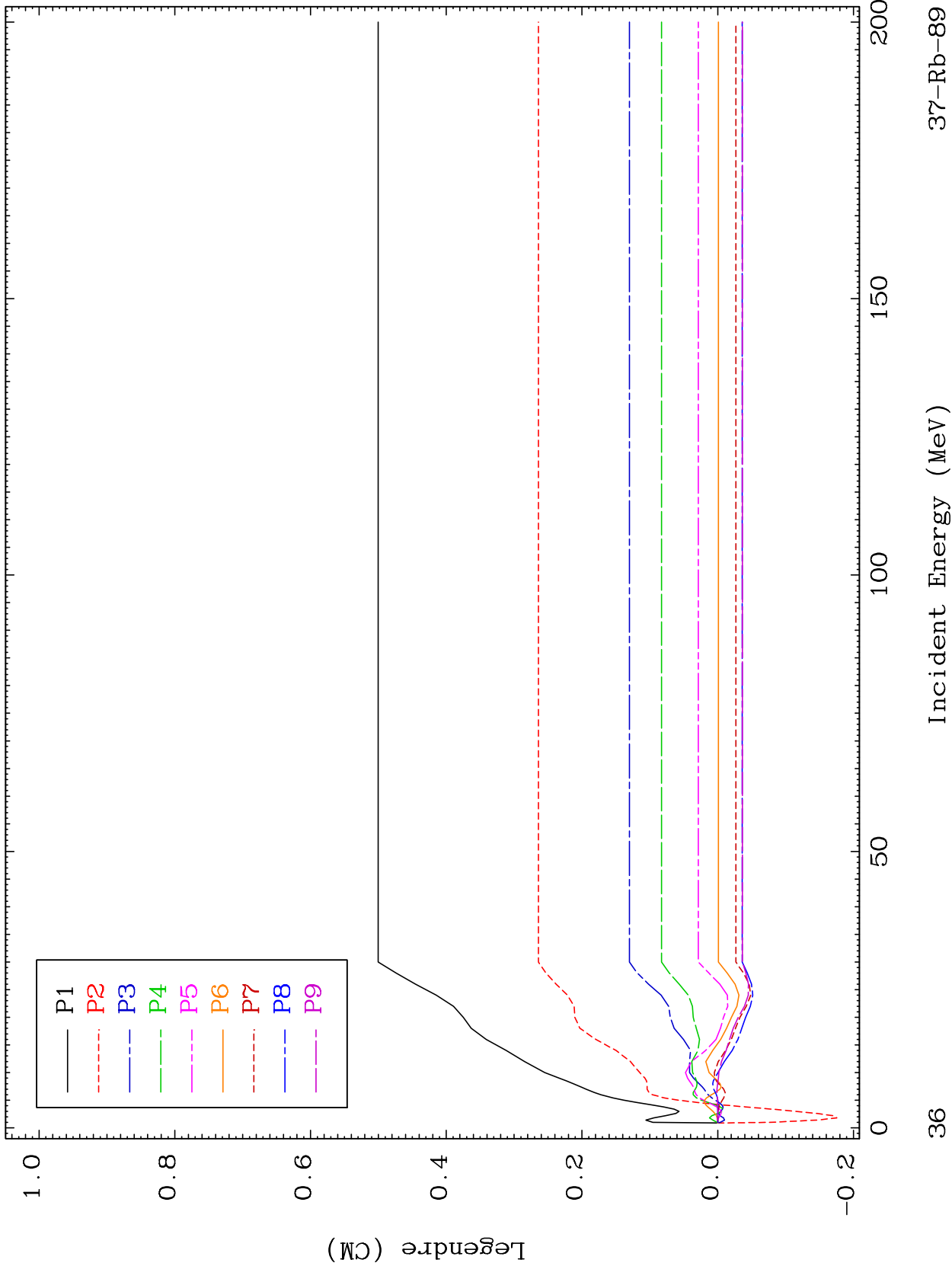
37-Rb-89



37-Rb-89

Incident Energy (MeV)

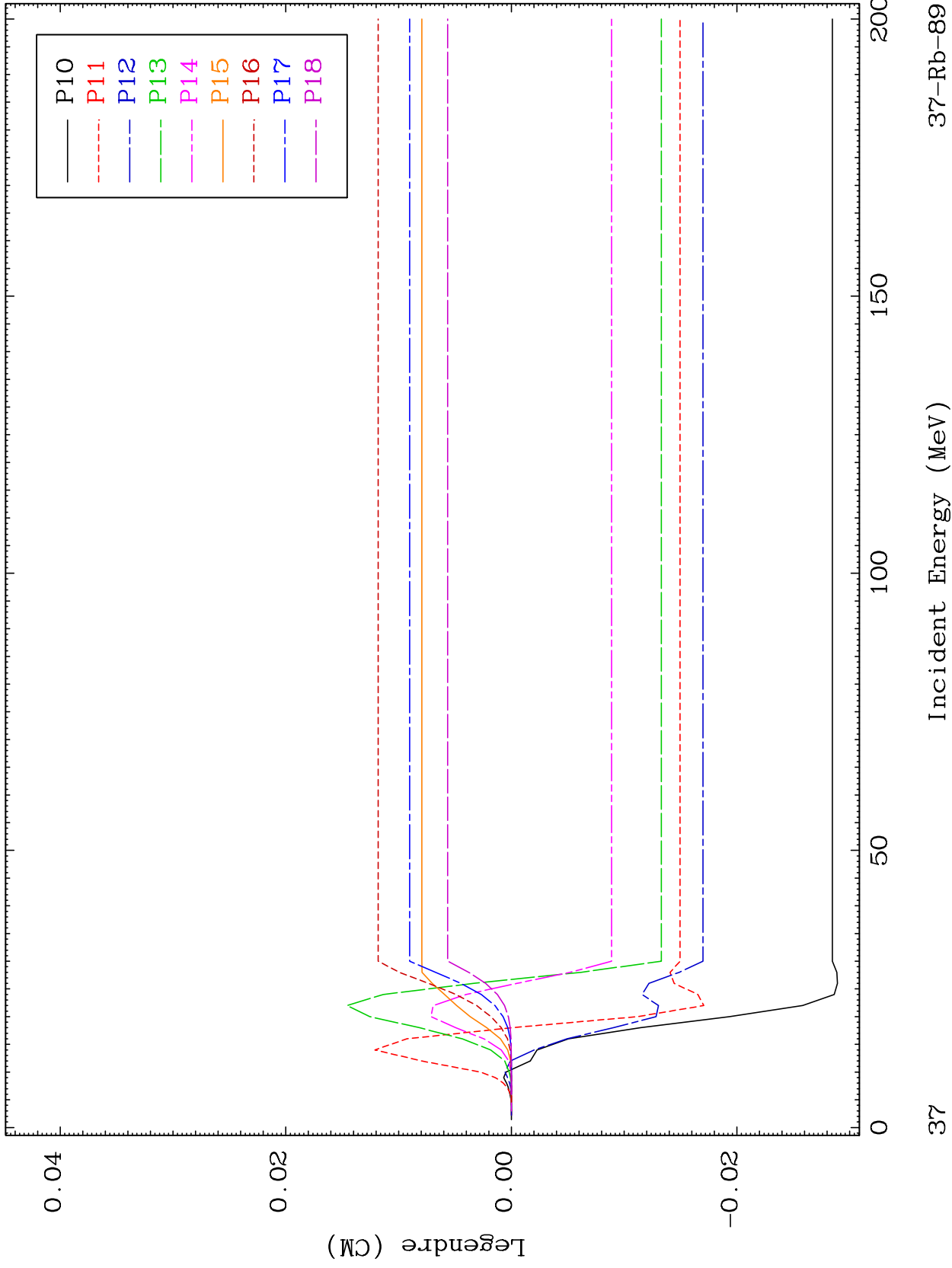
35



MAT 3737

867.1 keV (n,n') Level
Legendre Coefficients

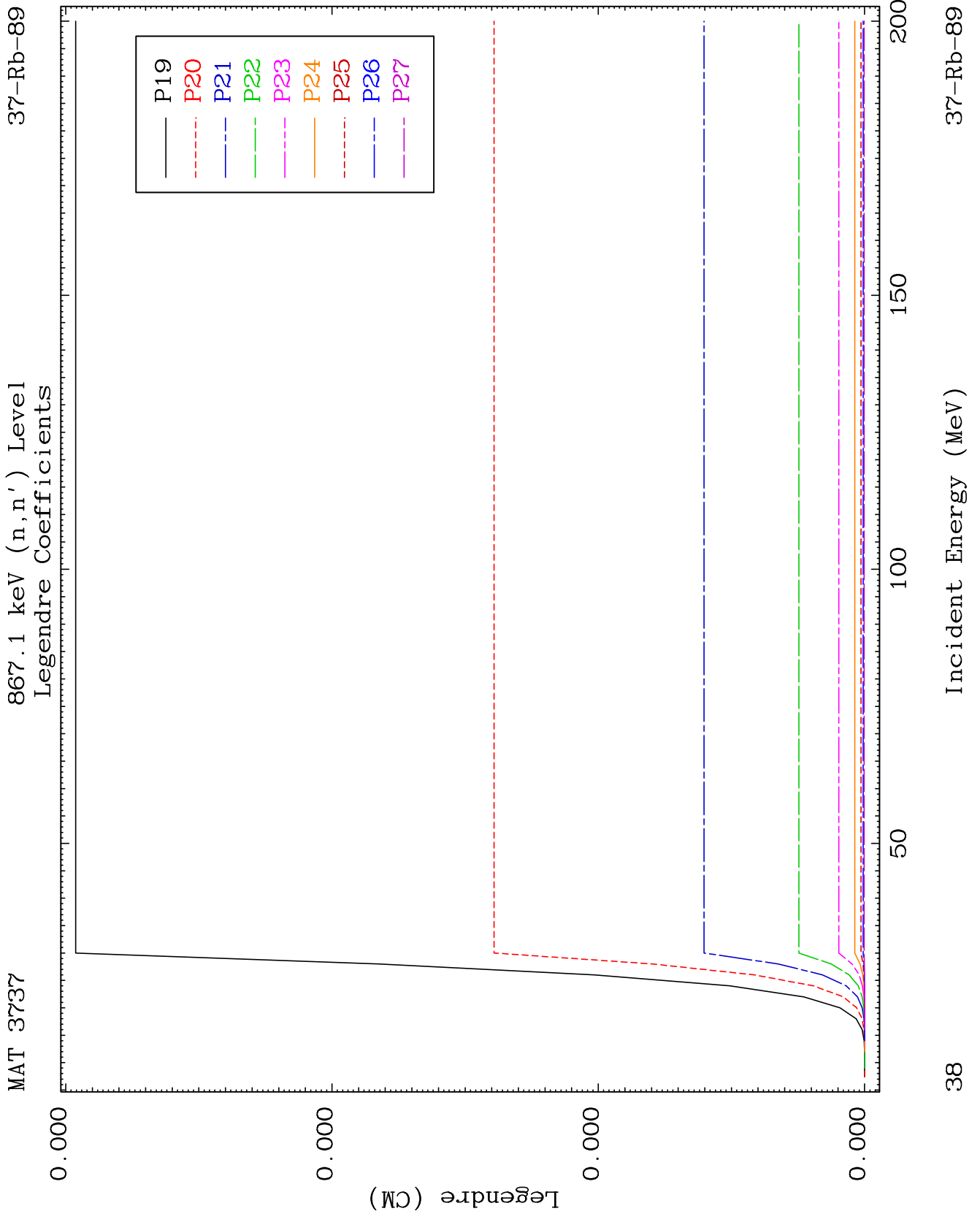
37-Rb-89



37-Rb-89

Incident Energy (MeV)

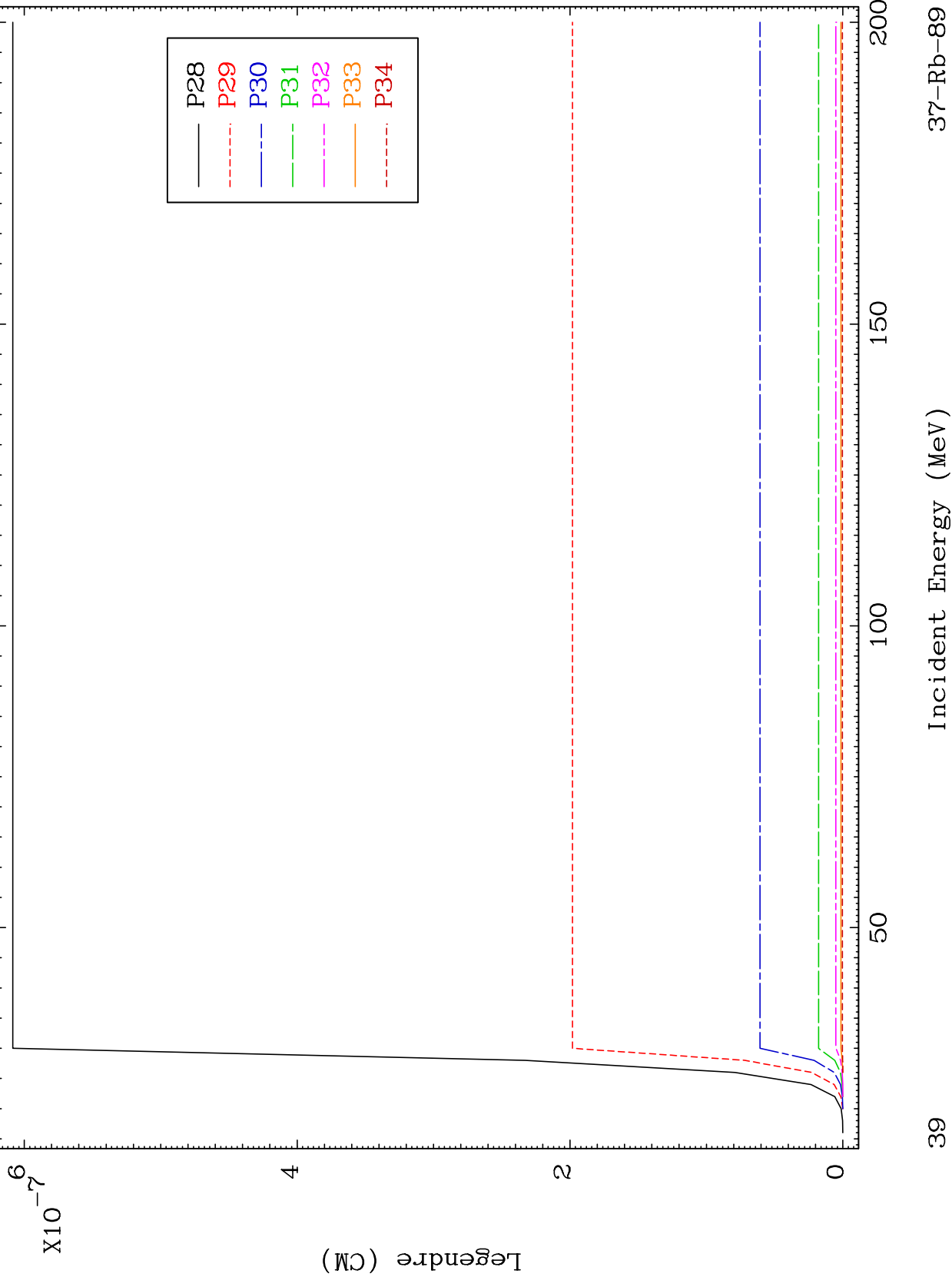
37



MAT 3737

867.1 keV (n,n') Level
Legendre Coefficients

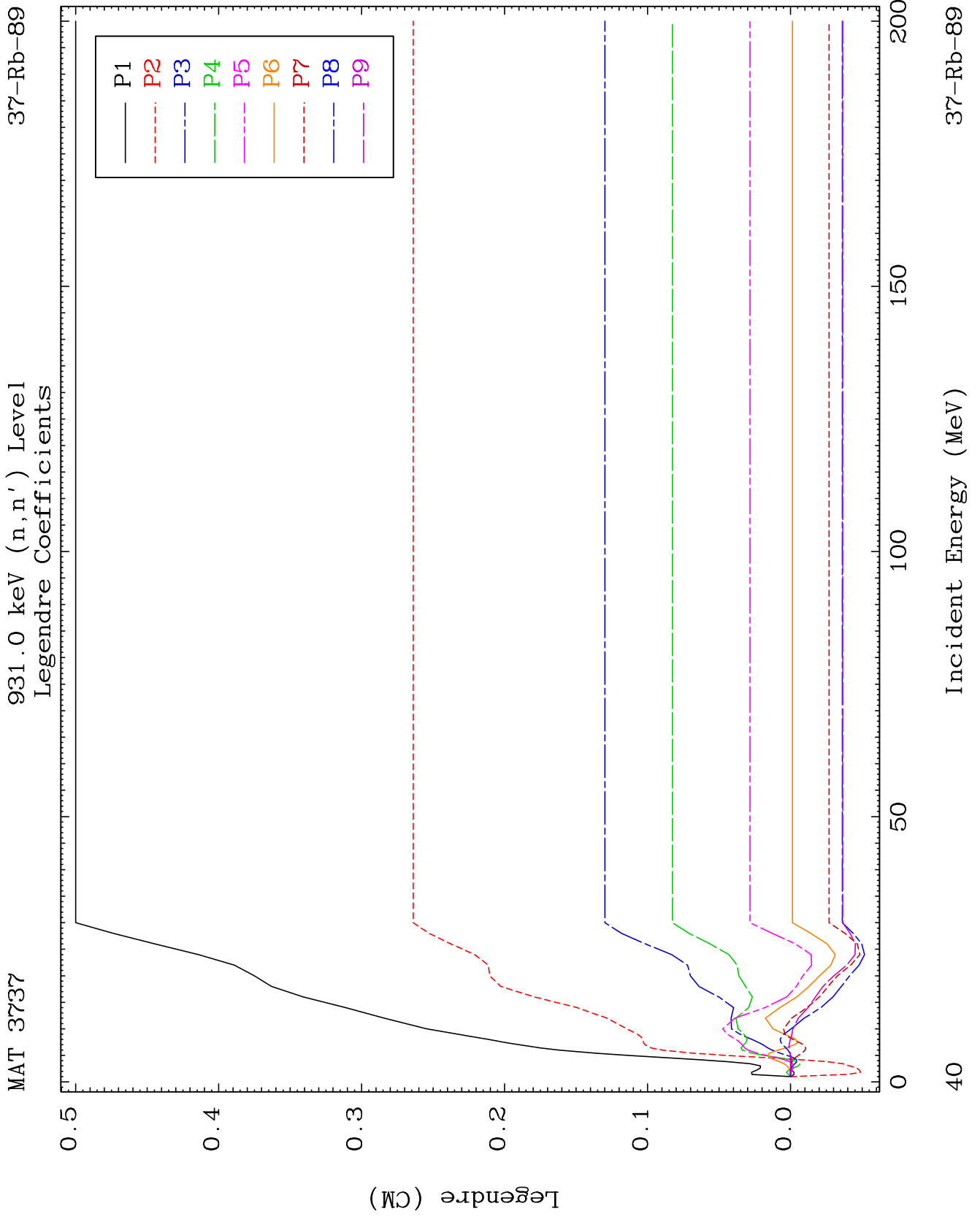
37-Rb-89



39

Incident Energy (MeV)

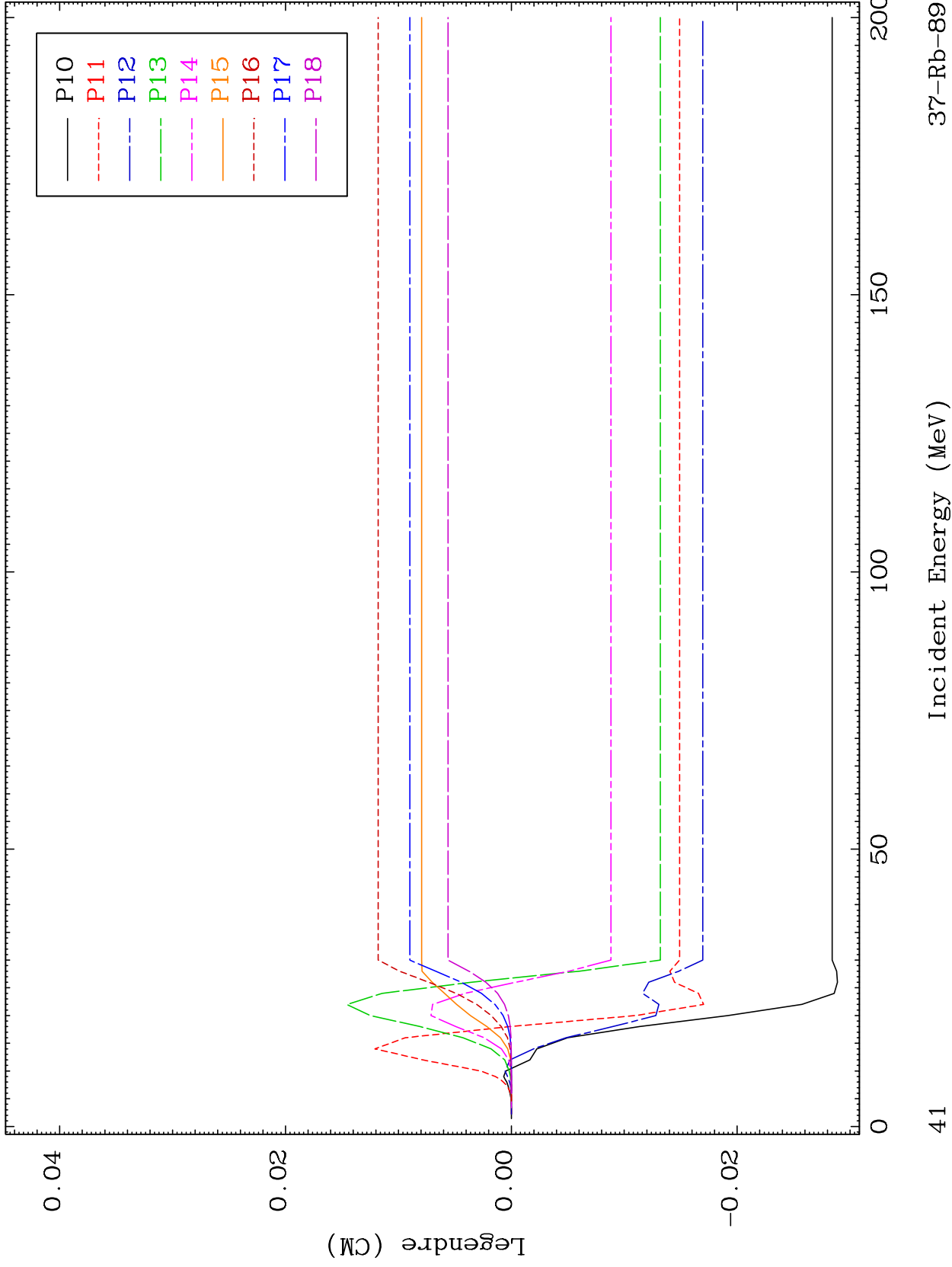
37-Rb-89



MAT 3737

931.0 keV (n,n') Level
Legendre Coefficients

37-Rb-89

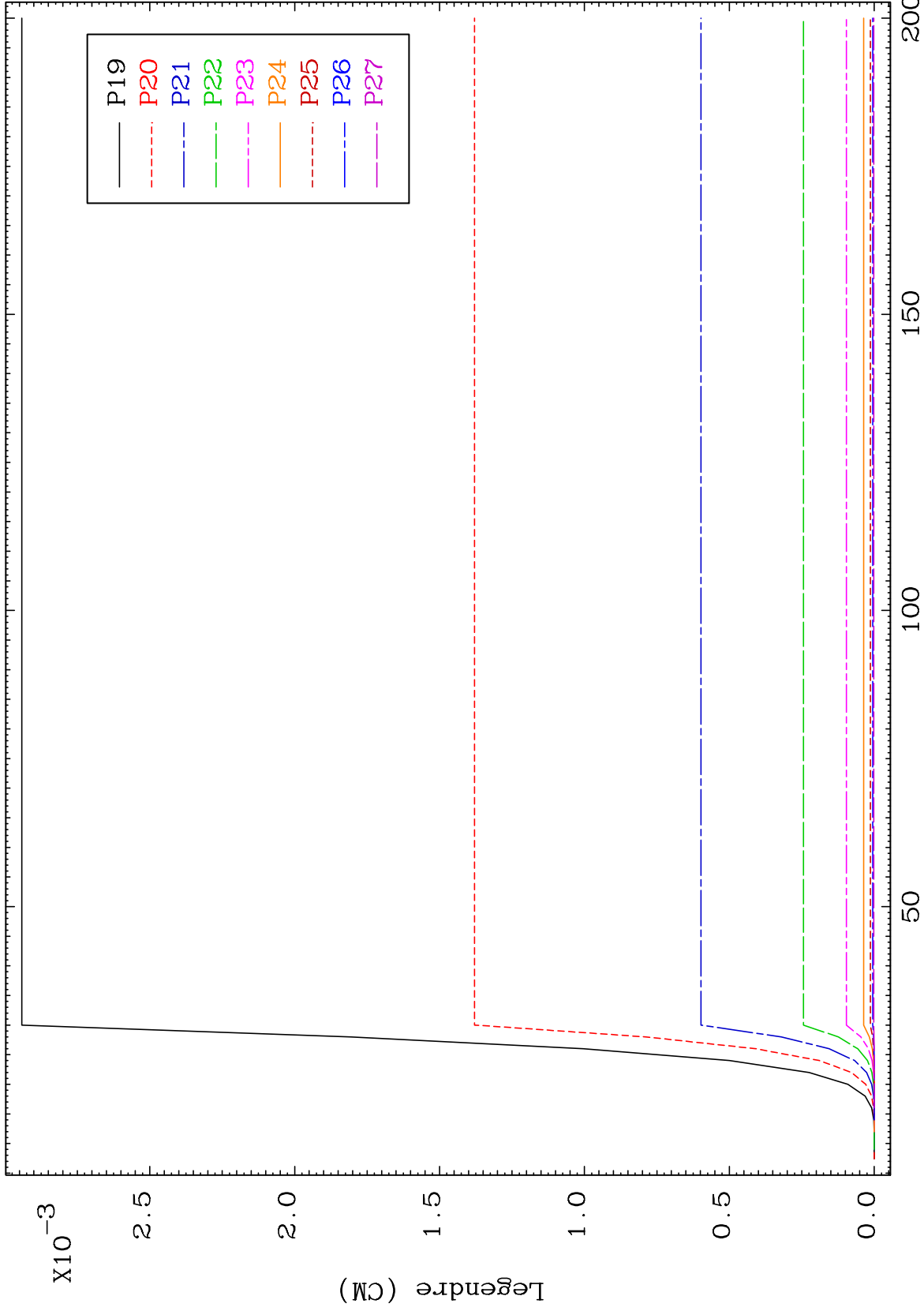


37-Rb-89

MAT 3737

931.0 keV (n,n') Level
Legendre Coefficients

37-Rb-89



42

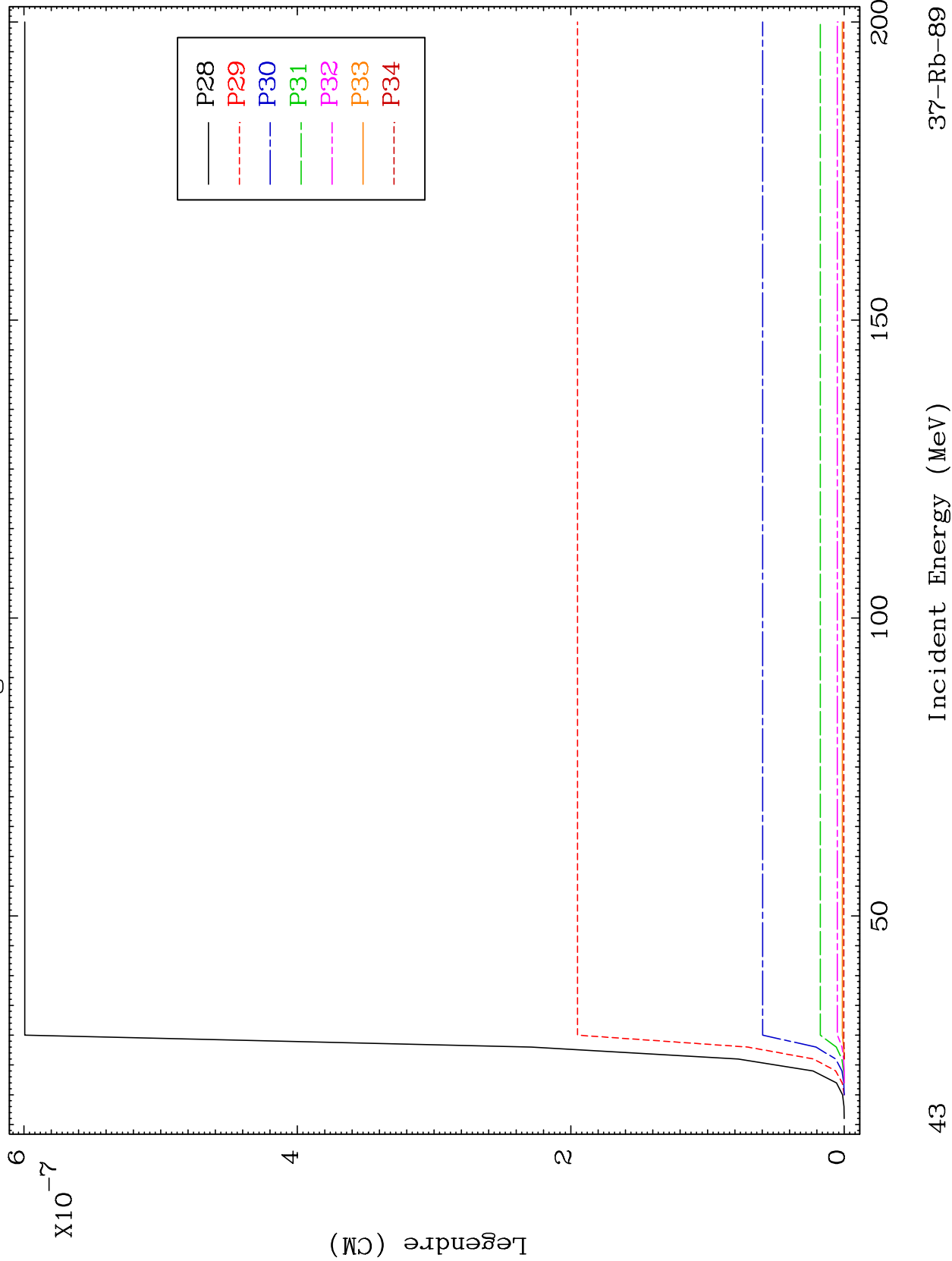
Incident Energy (MeV)

37-Rb-89

MAT 3737

931.0 keV (n,n') Level
Legendre Coefficients

37-Rb-89



43

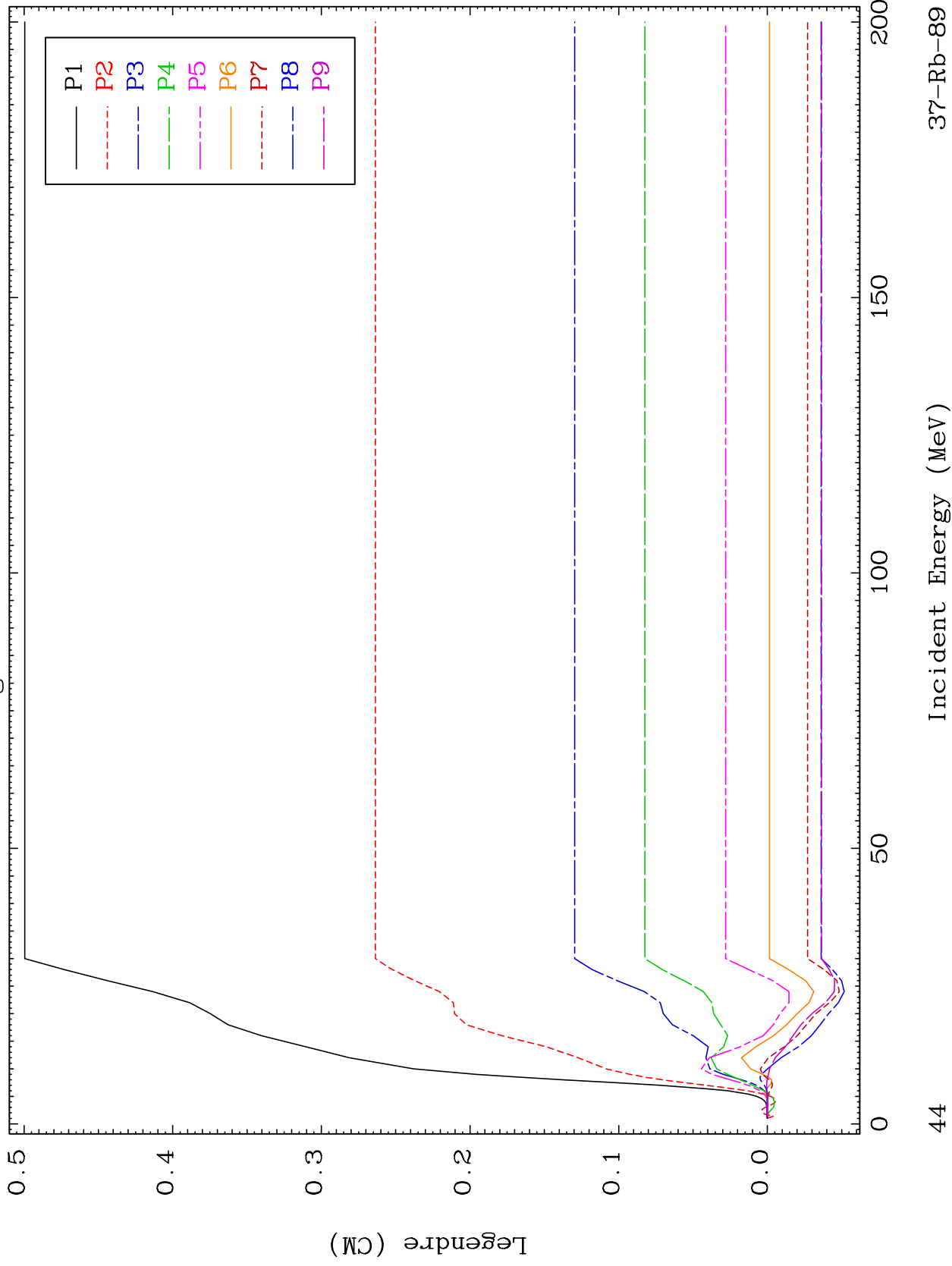
Incident Energy (MeV)

37-Rb-89

MAT 3737

997.5 keV (n,n') Level
Legendre Coefficients

37-Rb-89



44

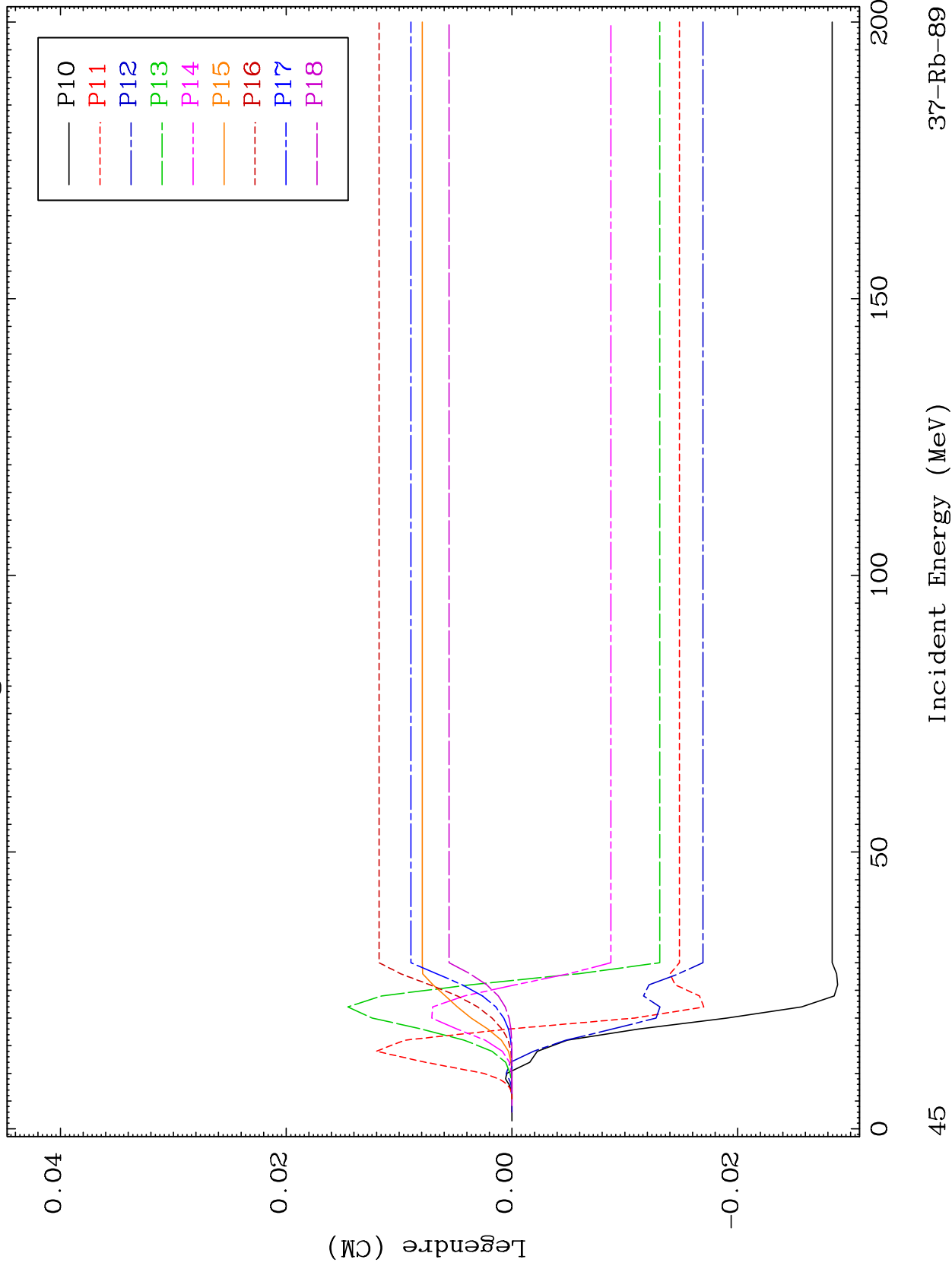
Incident Energy (MeV)

37-Rb-89

MAT 3737

997.5 keV (n,n') Level
Legendre Coefficients

37-Rb-89



37-Rb-89

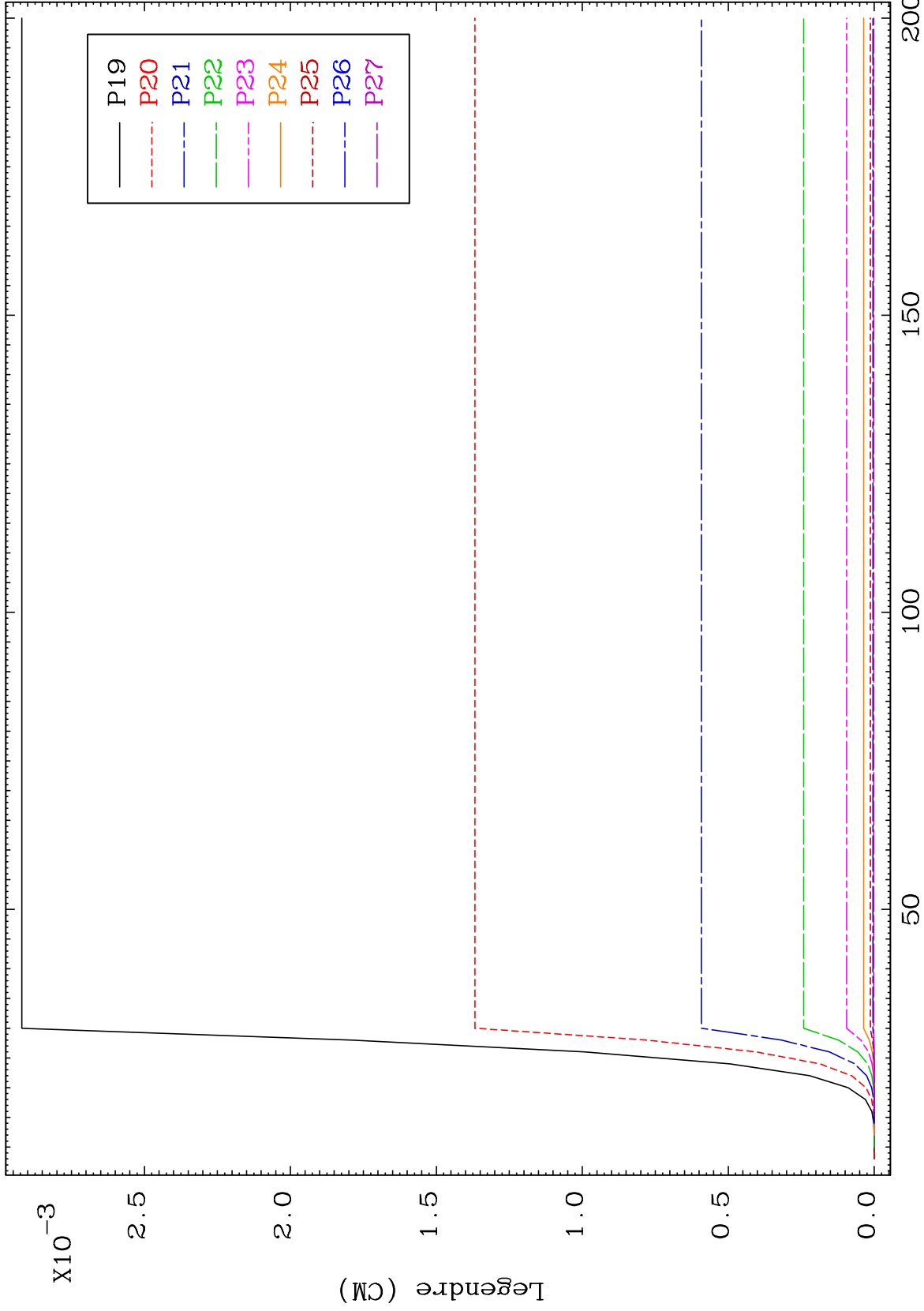
Incident Energy (MeV)

45

MAT 3737

997.5 keV (n,n') Level
Legendre Coefficients

37-Rb-89



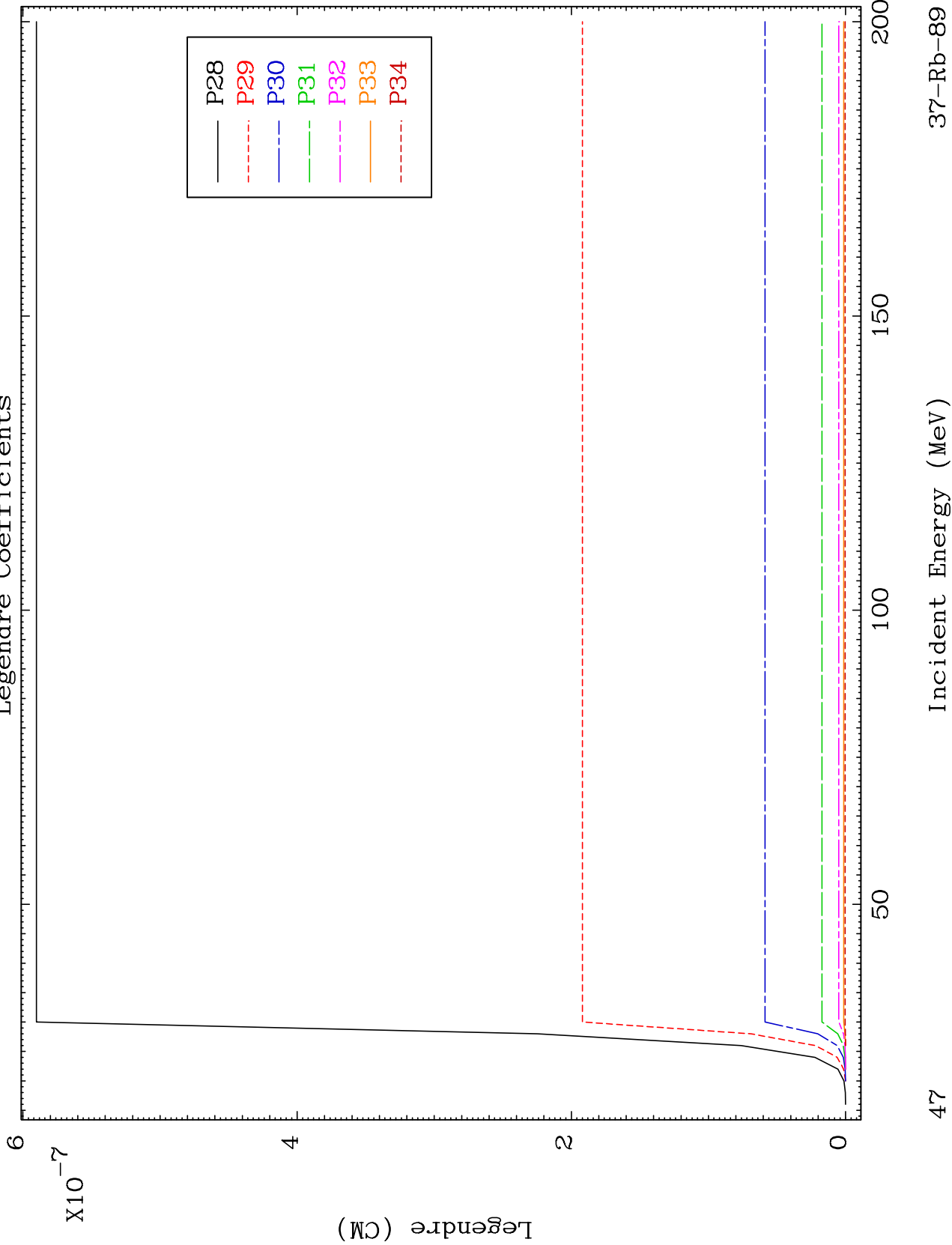
46

37-Rb-89

MAT 3737

997.5 keV (n,n') Level
Legendre Coefficients

37-Rb-89



47

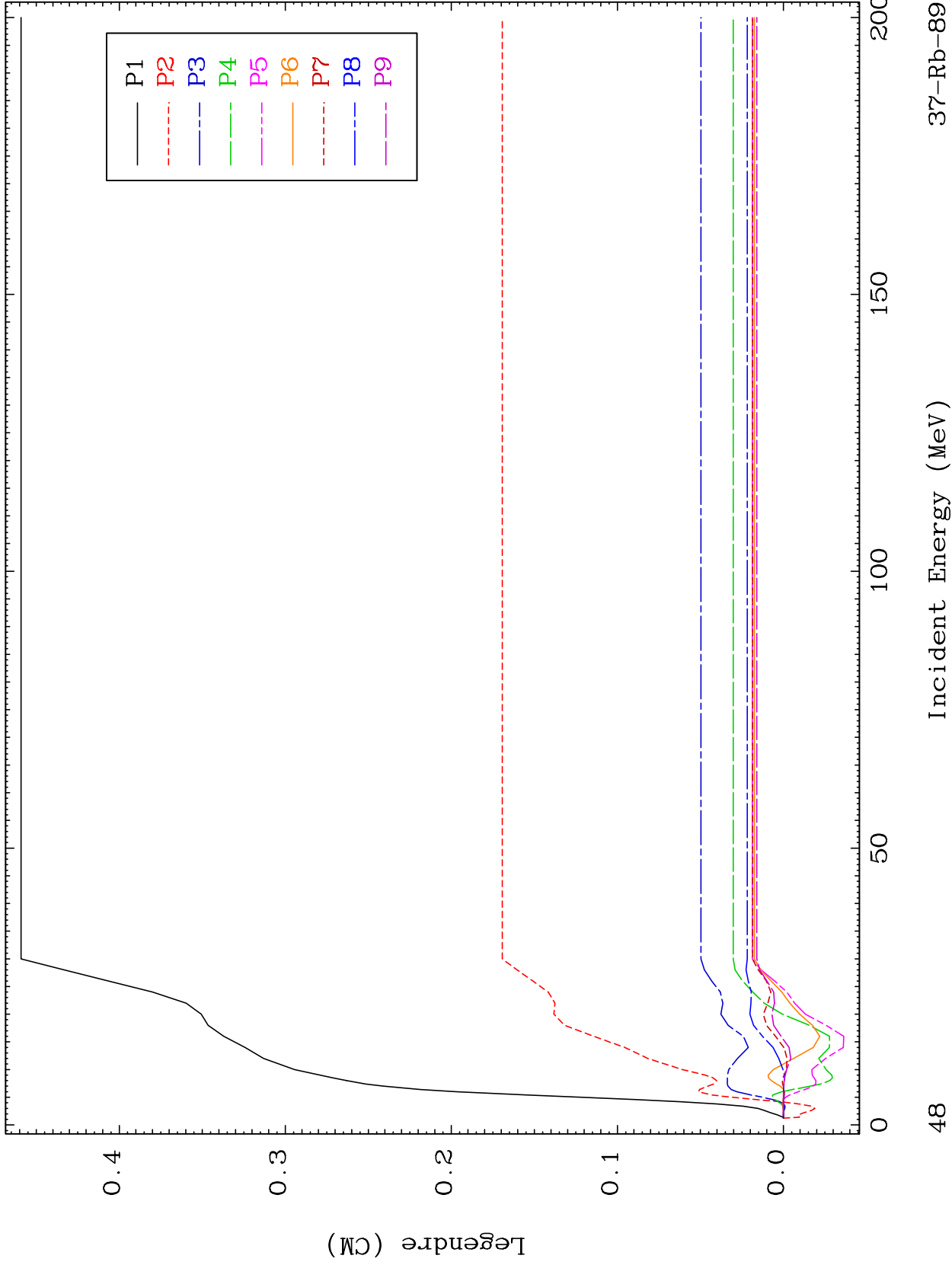
Incident Energy (MeV)

37-Rb-89

MAT 3737

1.195 MeV (n,n') Level
Legendre Coefficients

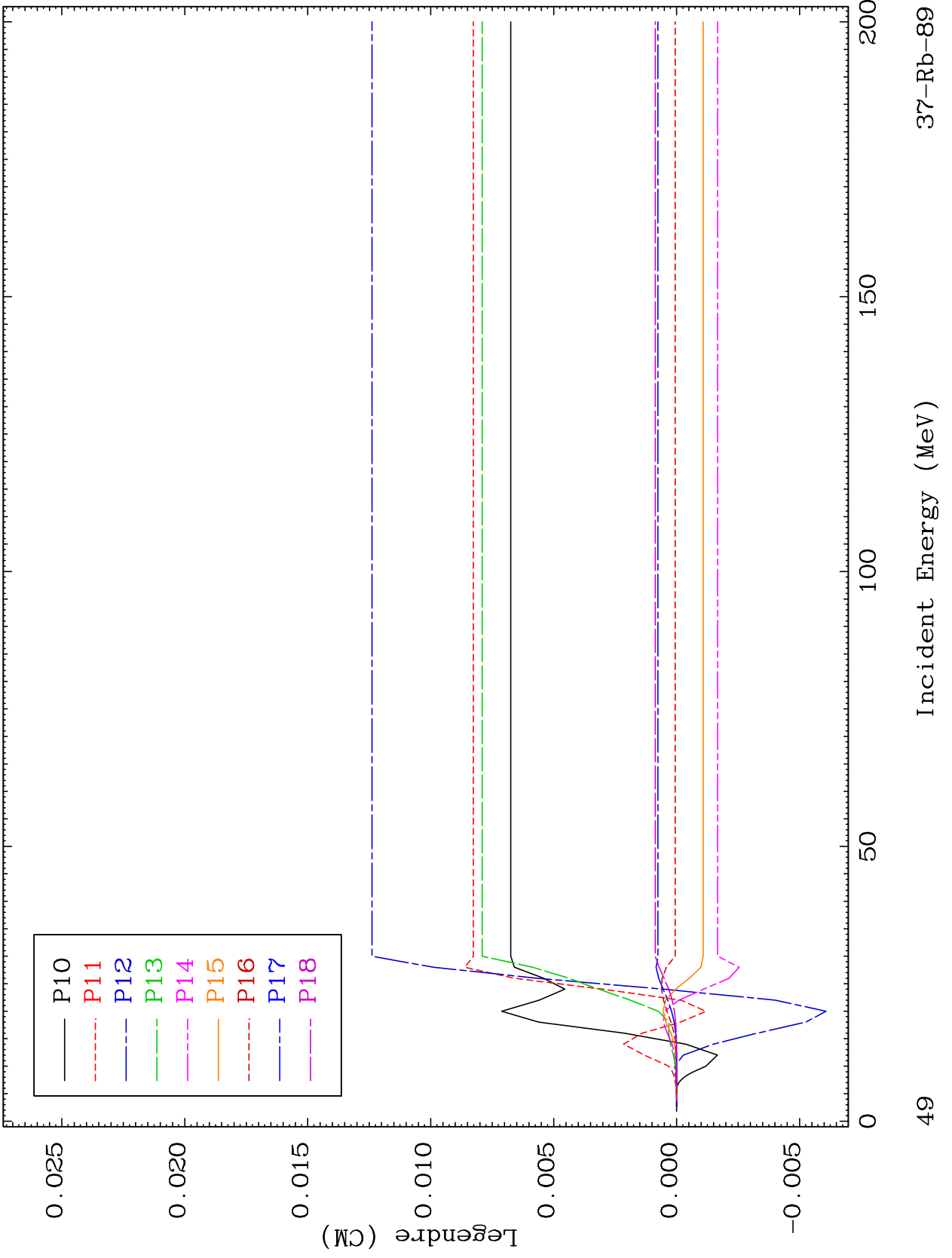
37-Rb-89



48

Incident Energy (MeV)

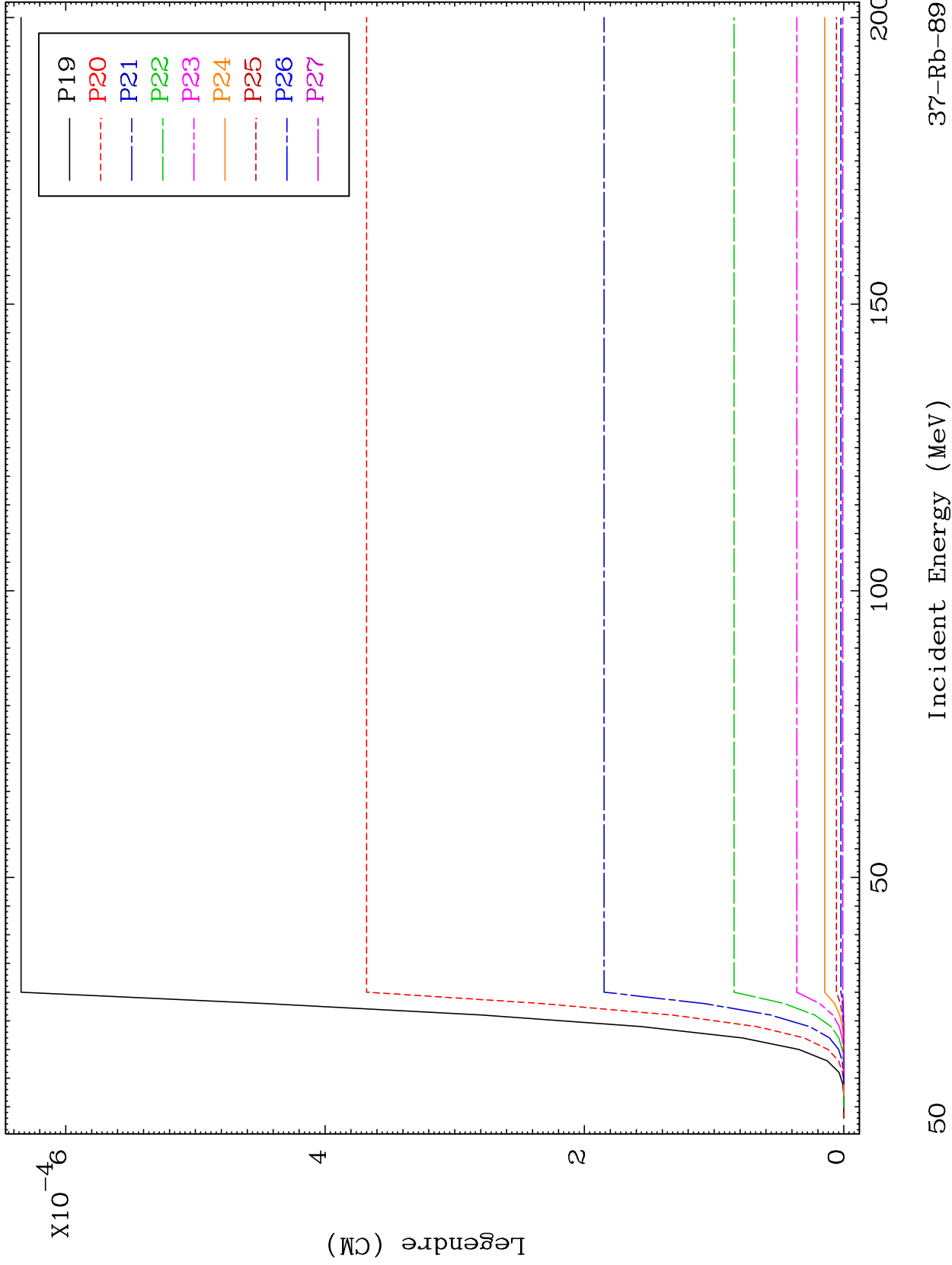
37-Rb-89

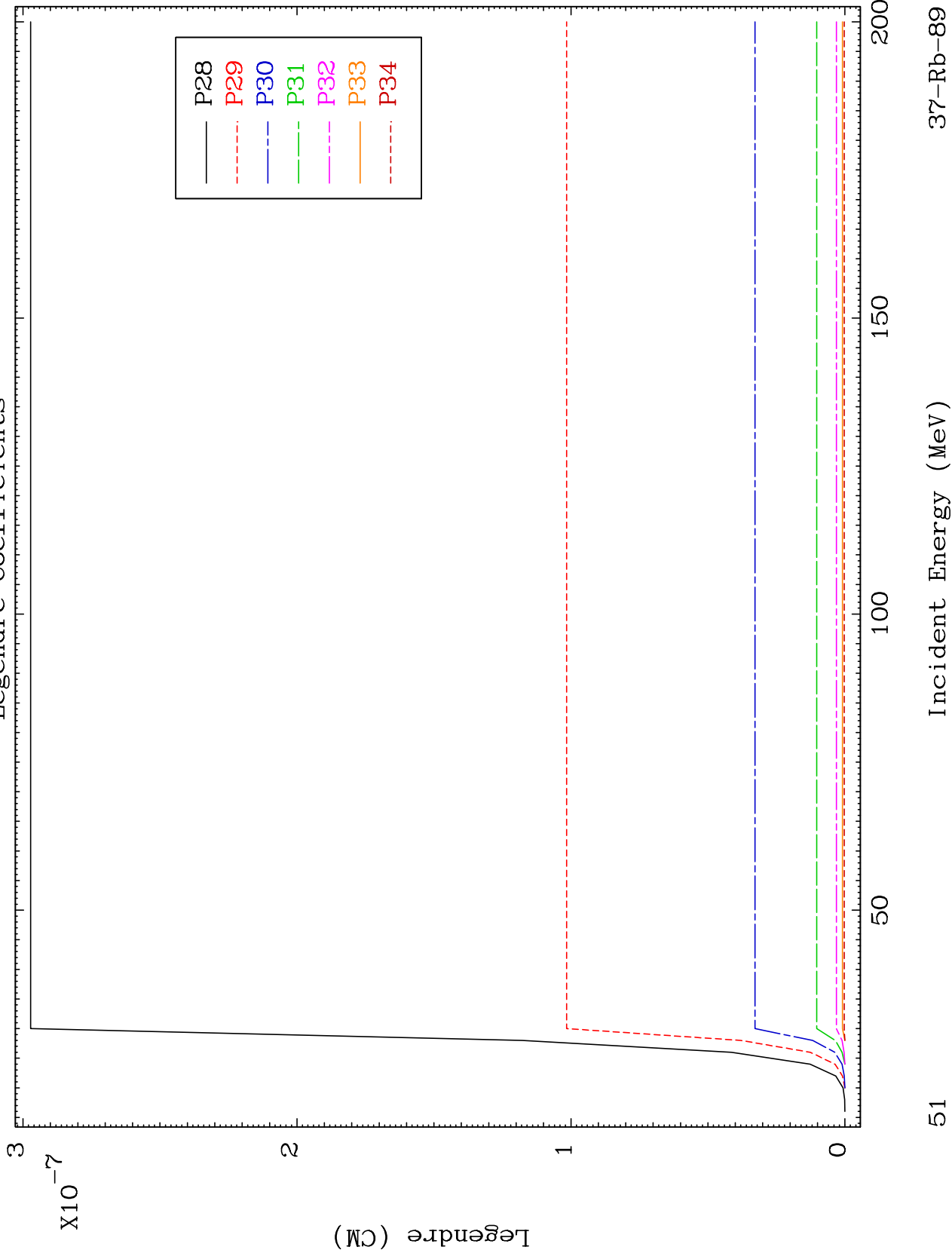


MAT 3737

1.195 MeV (n,n') Level
Legendre Coefficients

37-Rb-89

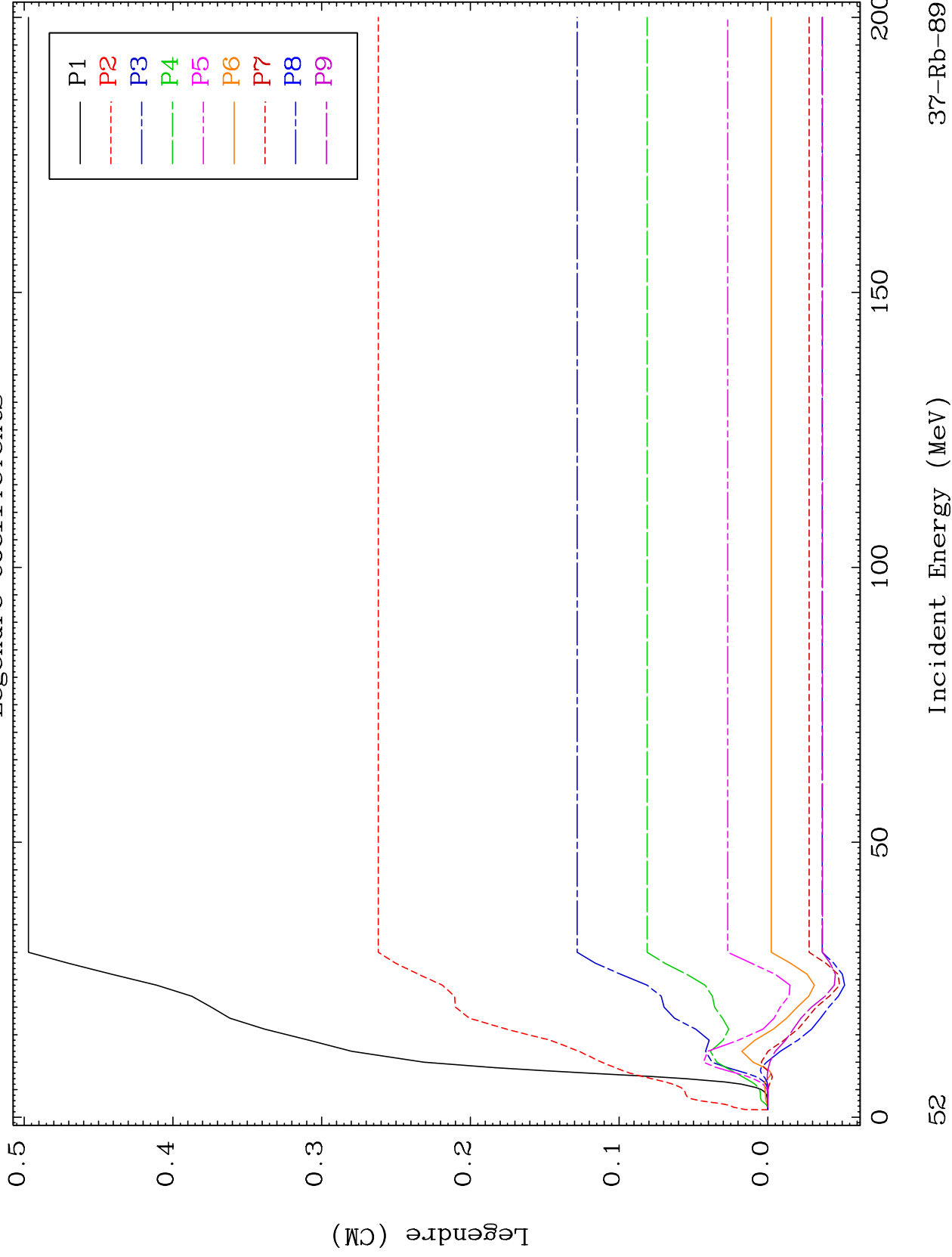




MAT 3737

1.324 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



37-Rb-89

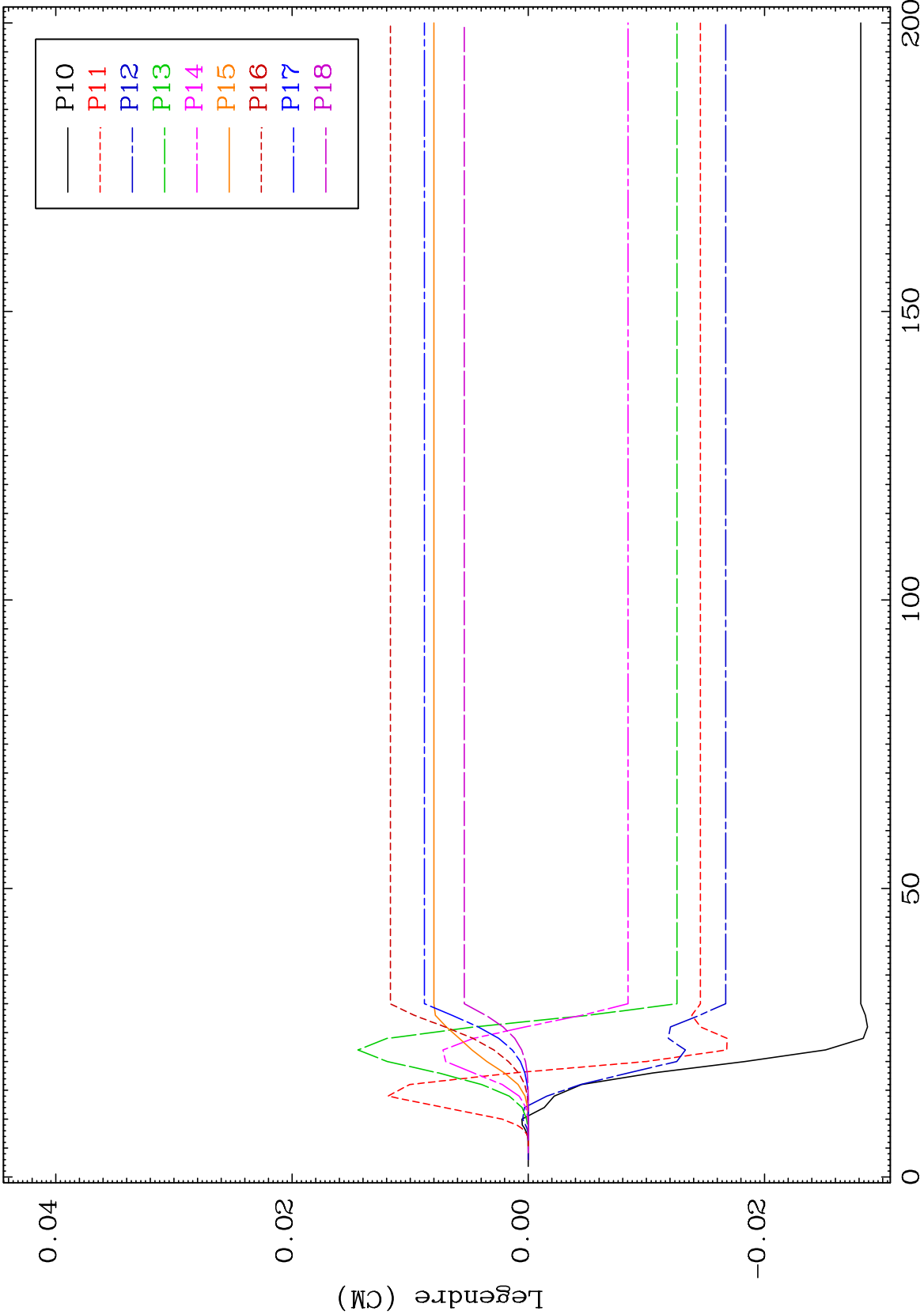
Incident Energy (MeV)

52

MAT 3737

1.324 MeV (n,n') Level
Legendre Coefficients

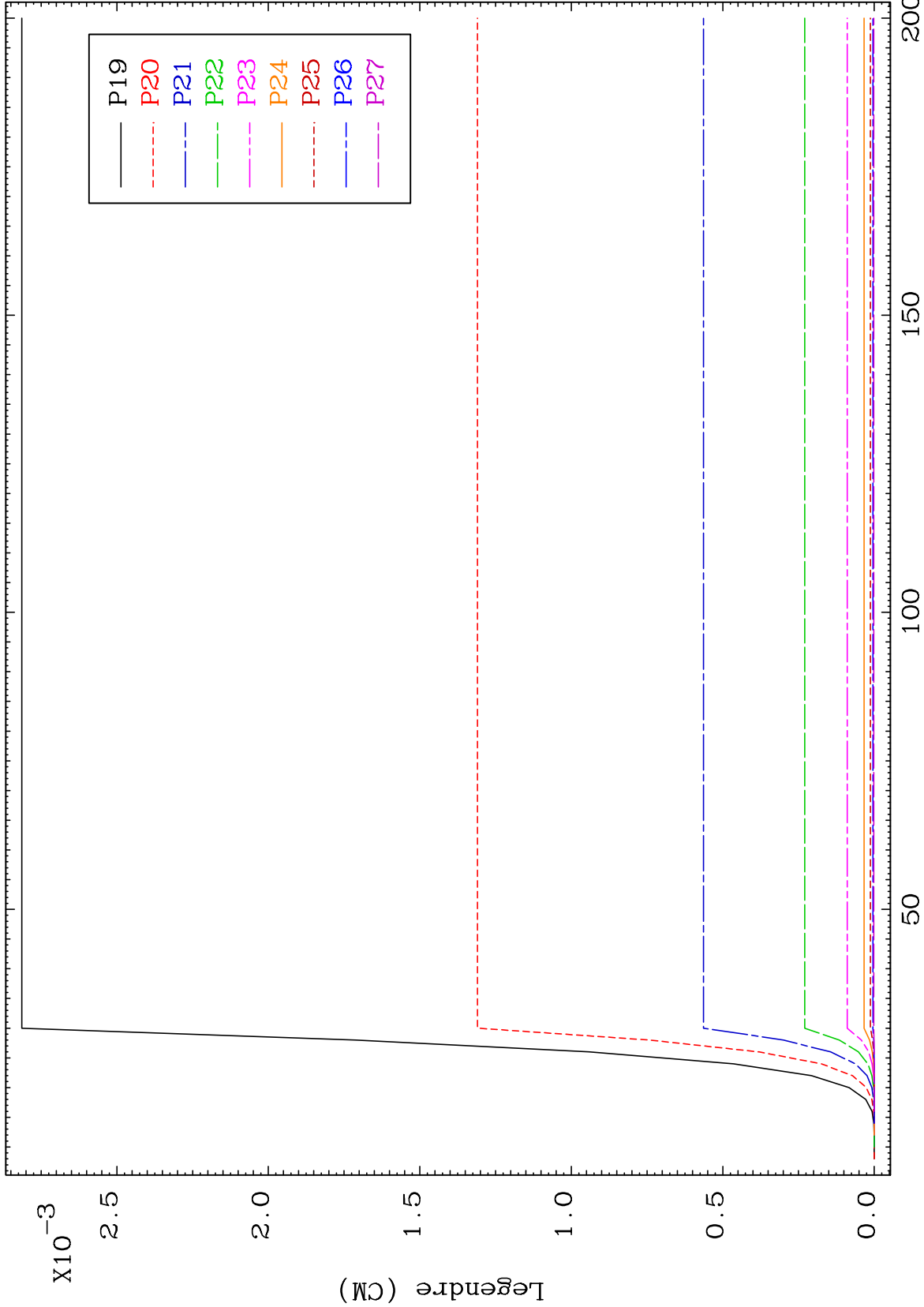
37-Rb-89



53

Incident Energy (MeV)

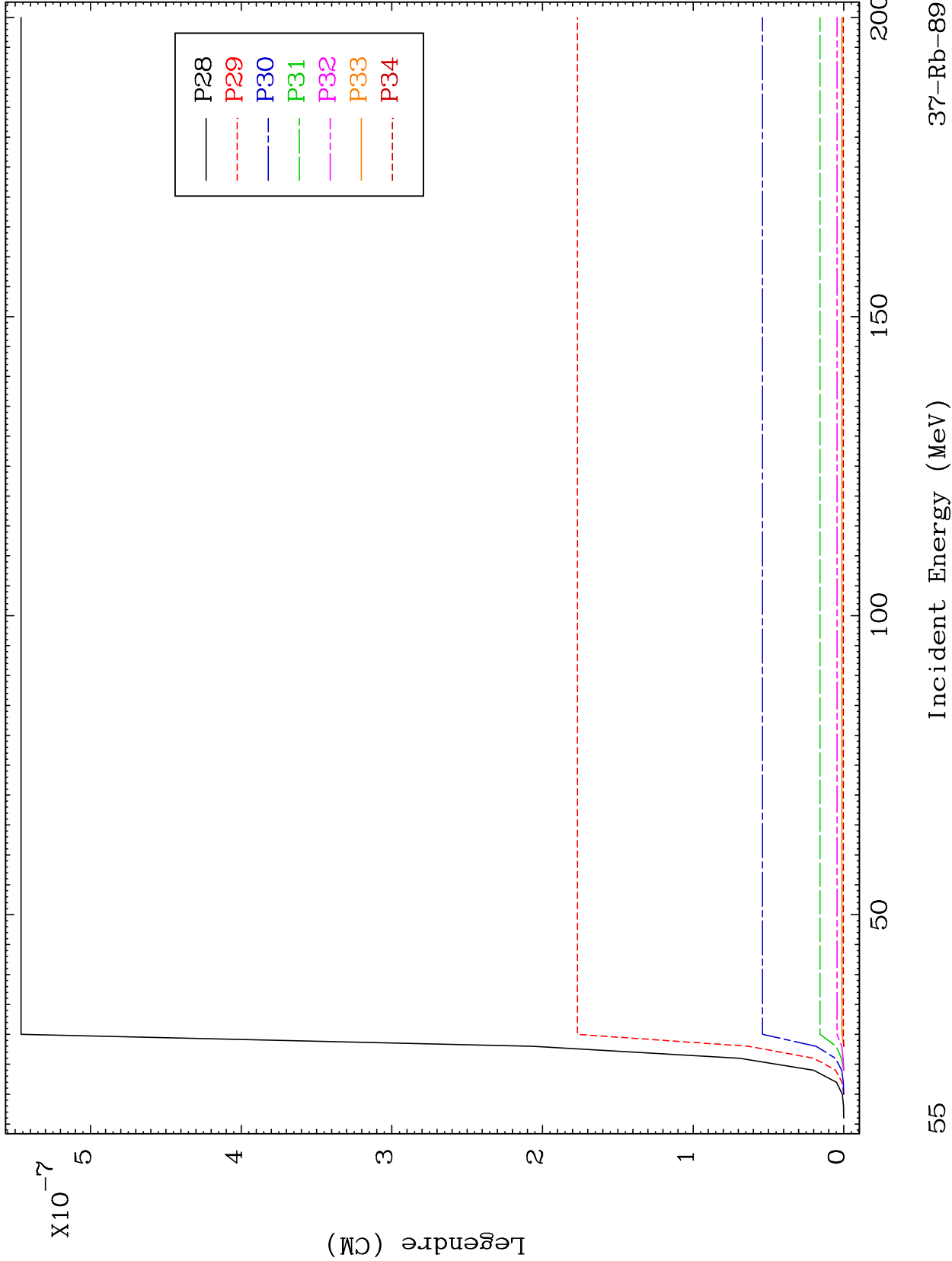
37-Rb-89



MAT 3737

1.324 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



37-Rb-89

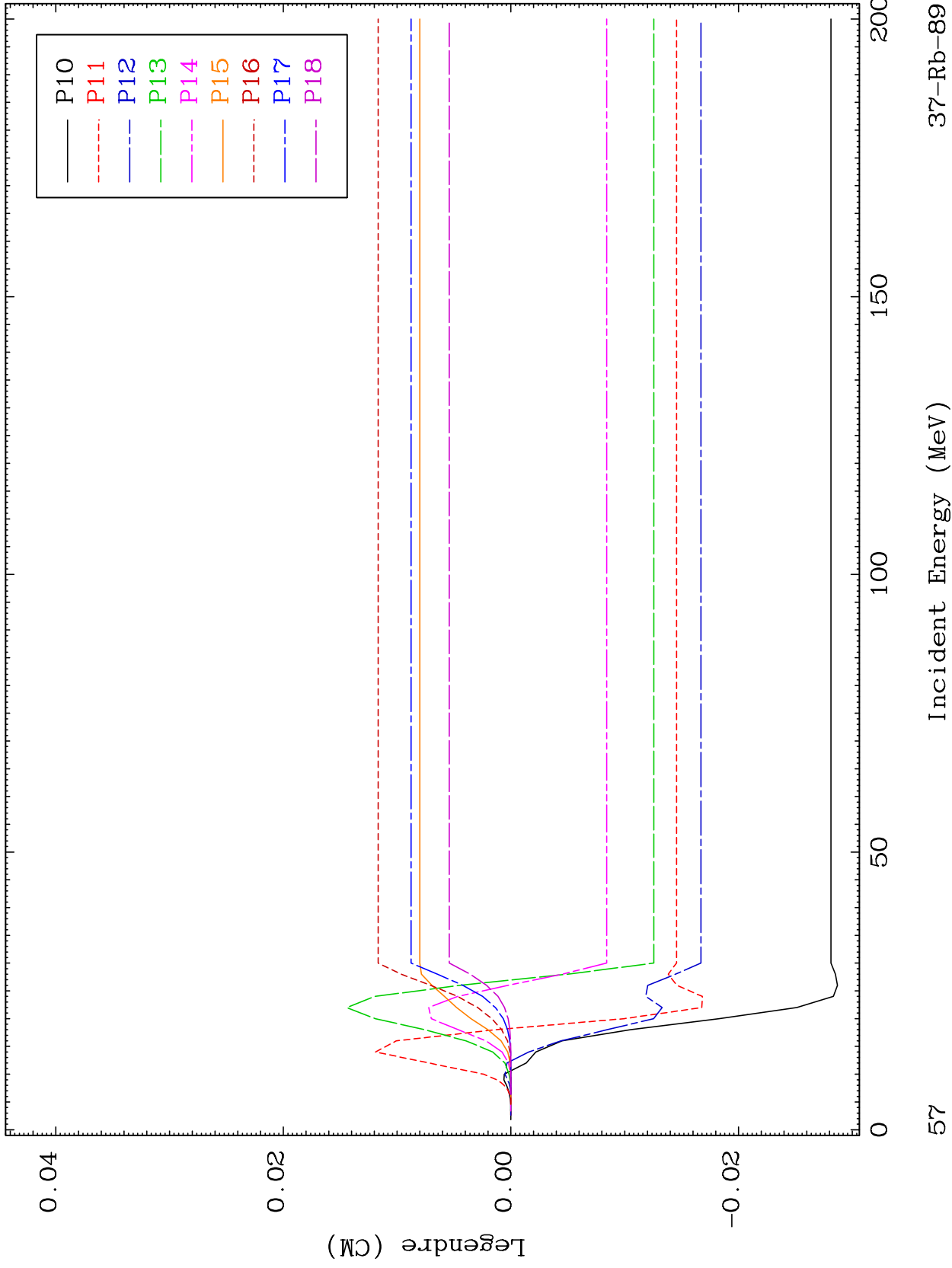
Incident Energy (MeV)

55

MAT 3737

1.340 MeV (n,n') Level
Legendre Coefficients

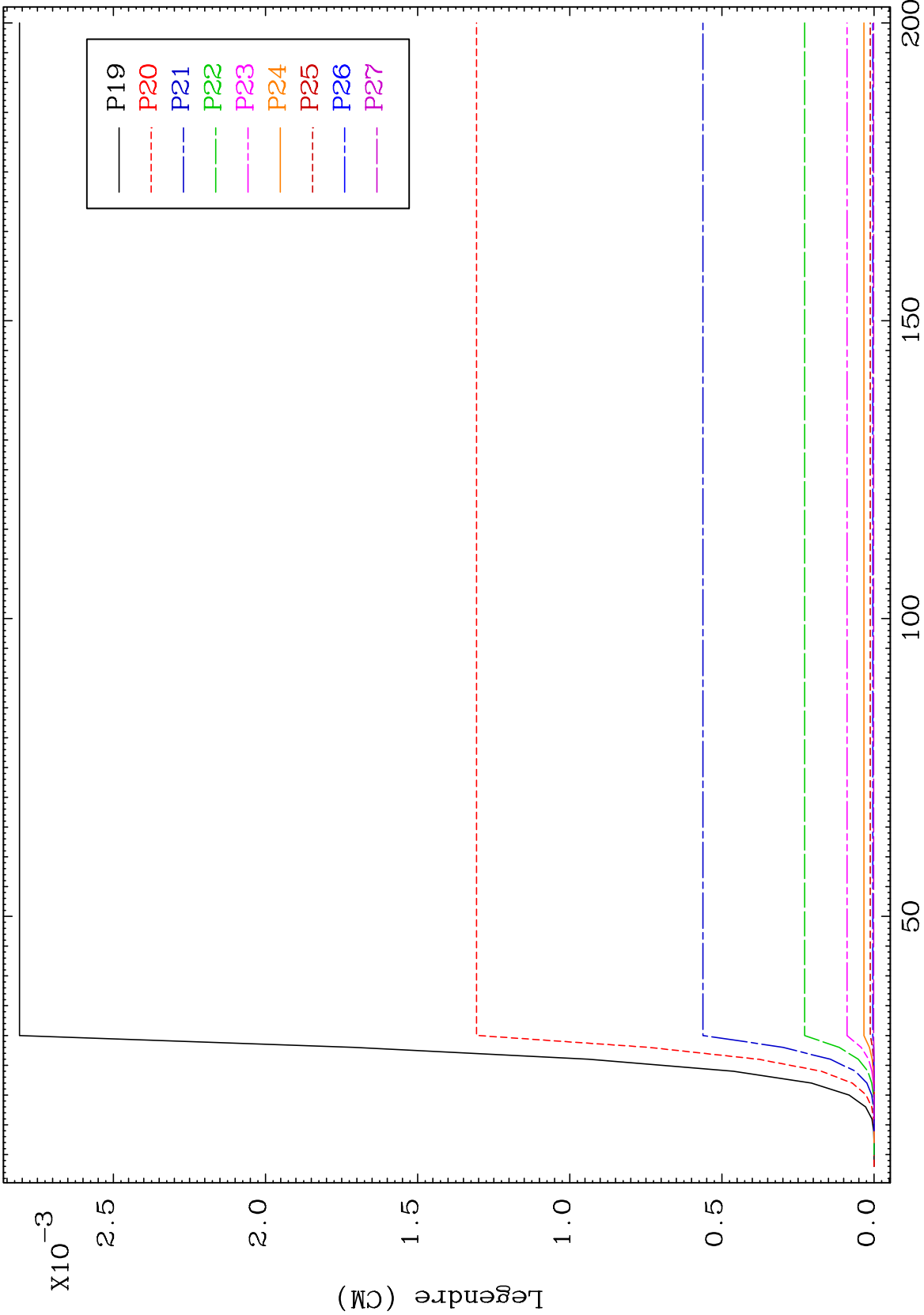
37-Rb-89



57

Incident Energy (MeV)

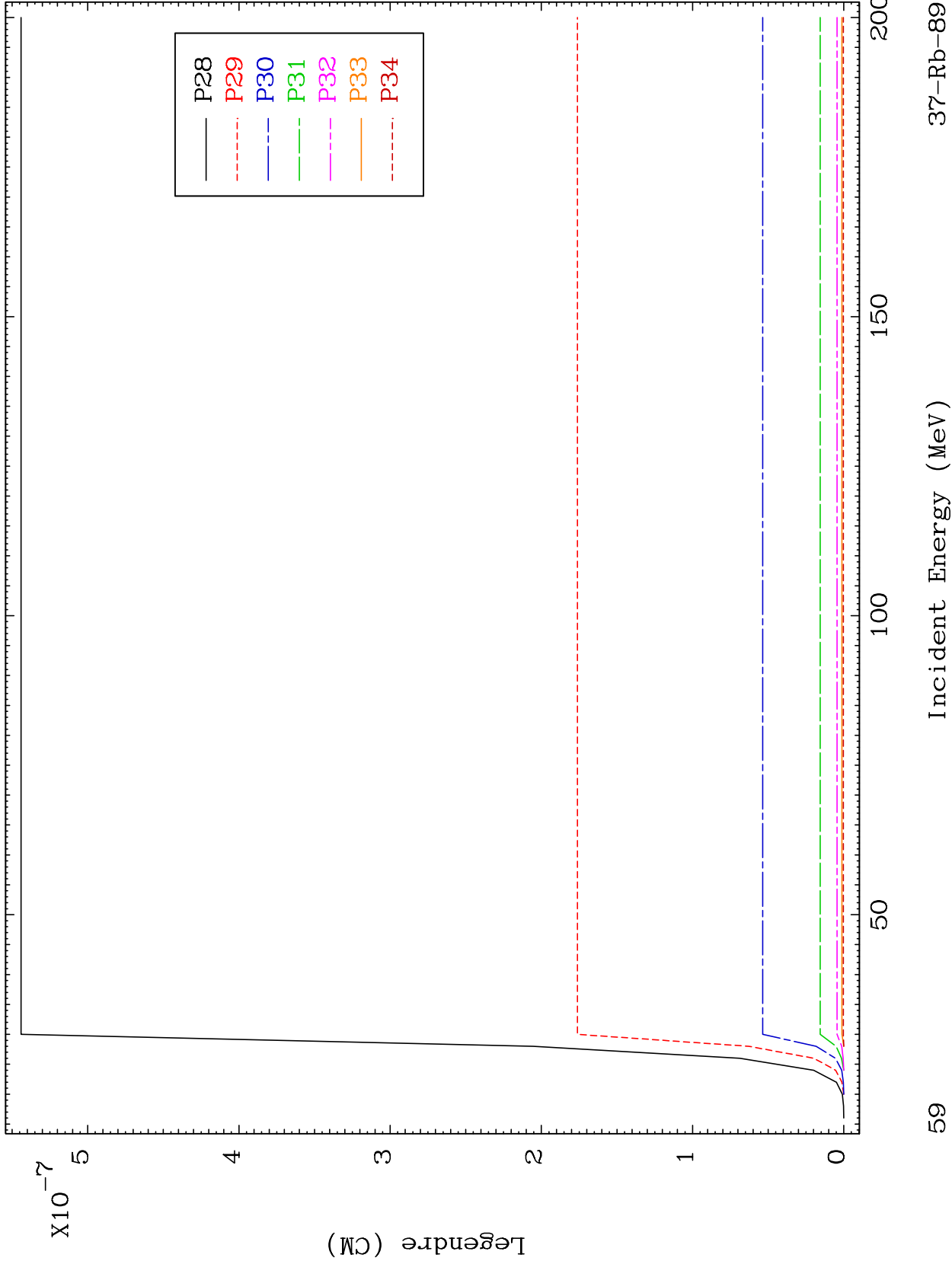
37-Rb-89



MAT 3737

1.340 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



59

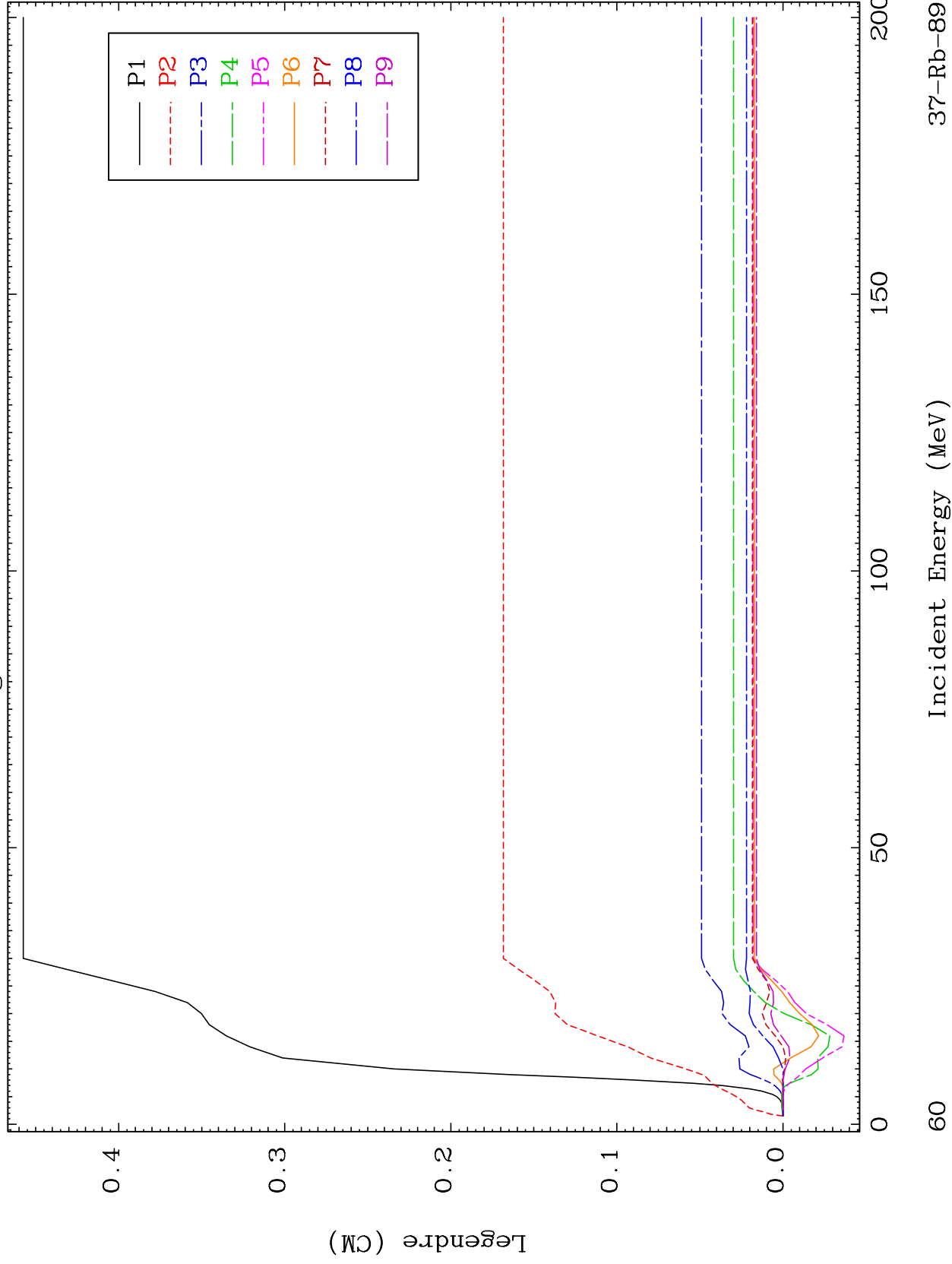
Incident Energy (MeV)

37-Rb-89

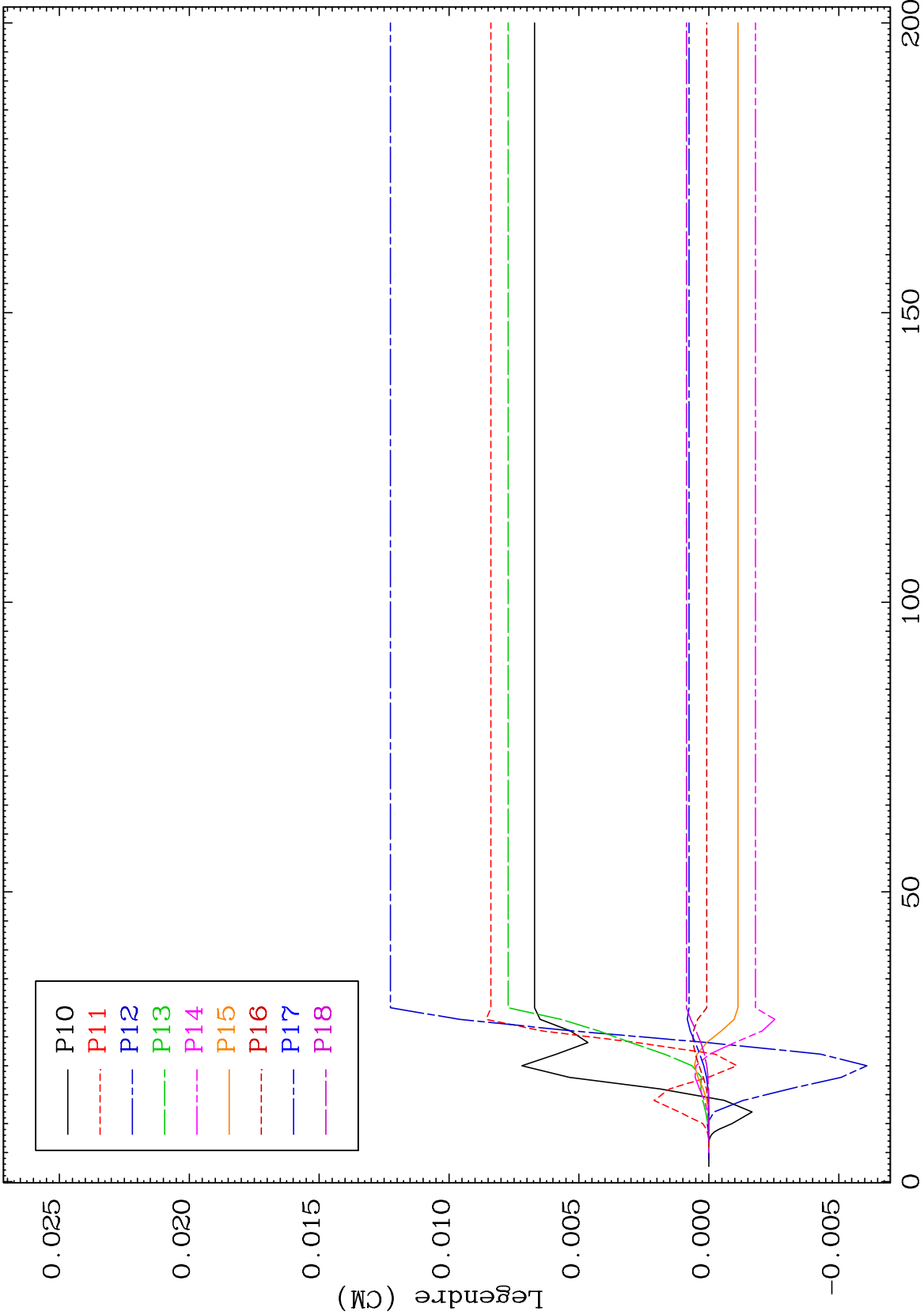
MAT 3737

1.488 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



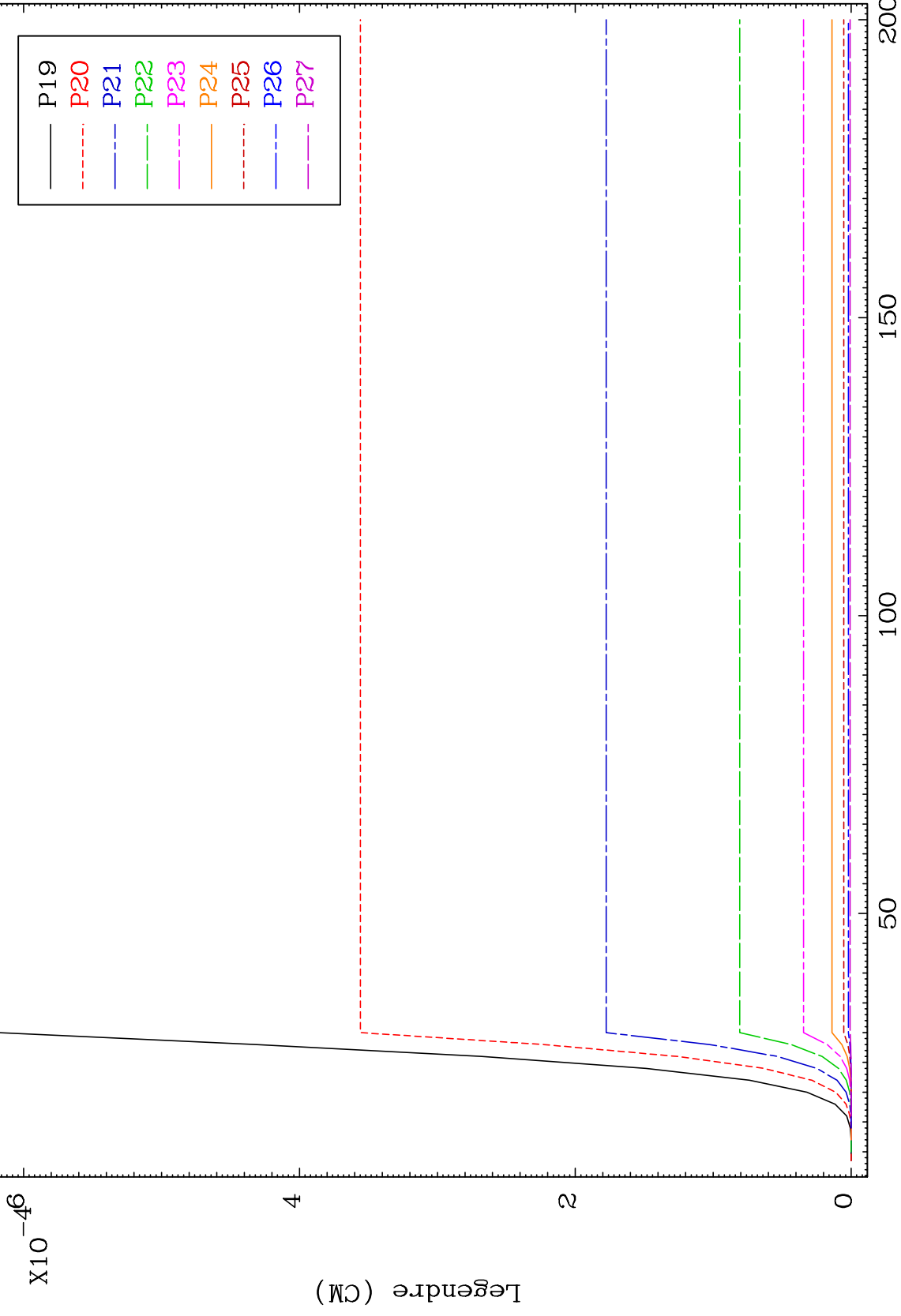
37-Rb-89



MAT 3737

1.488 MeV (n,n') Level
Legendre Coefficients

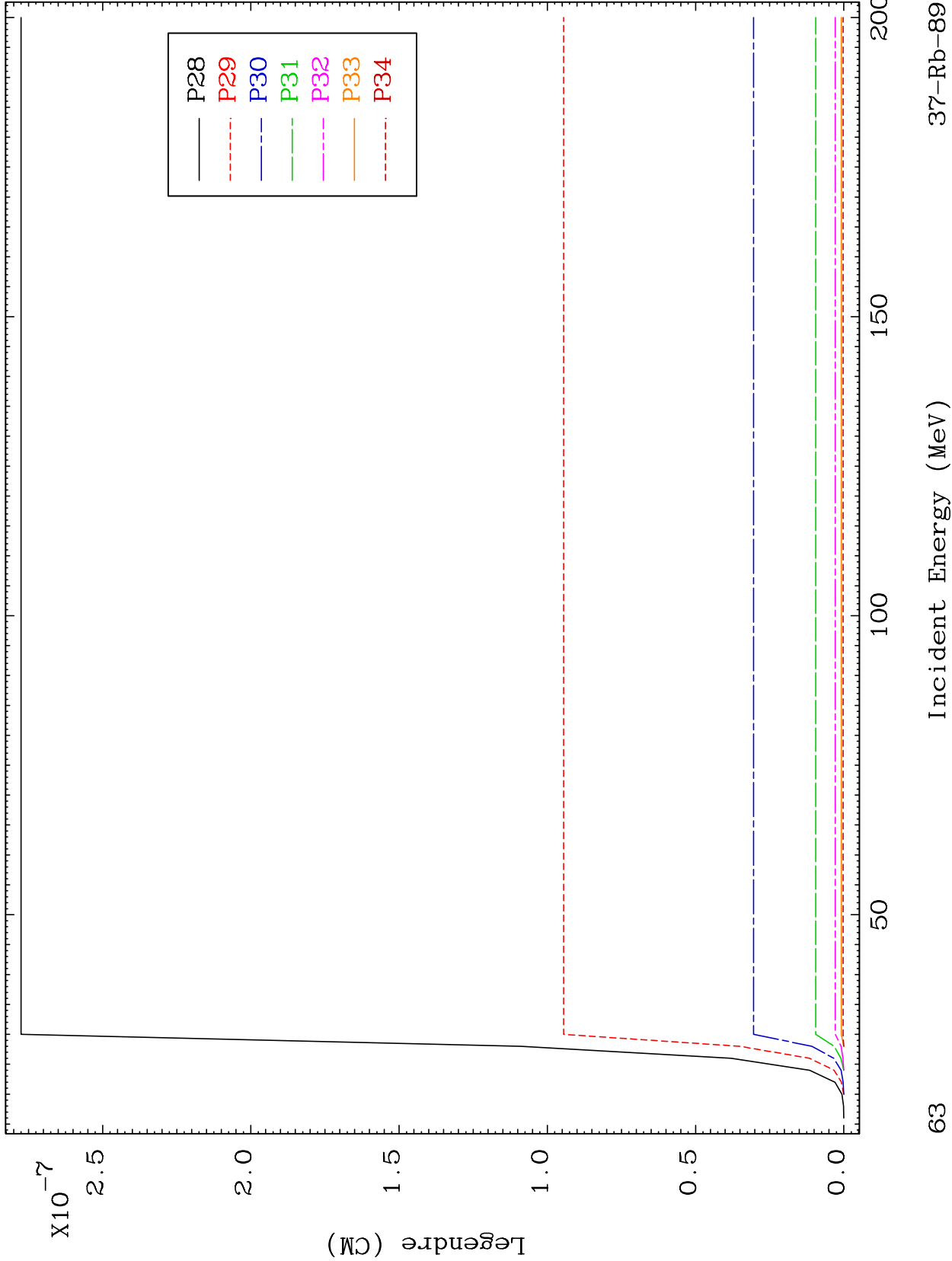
37-Rb-89

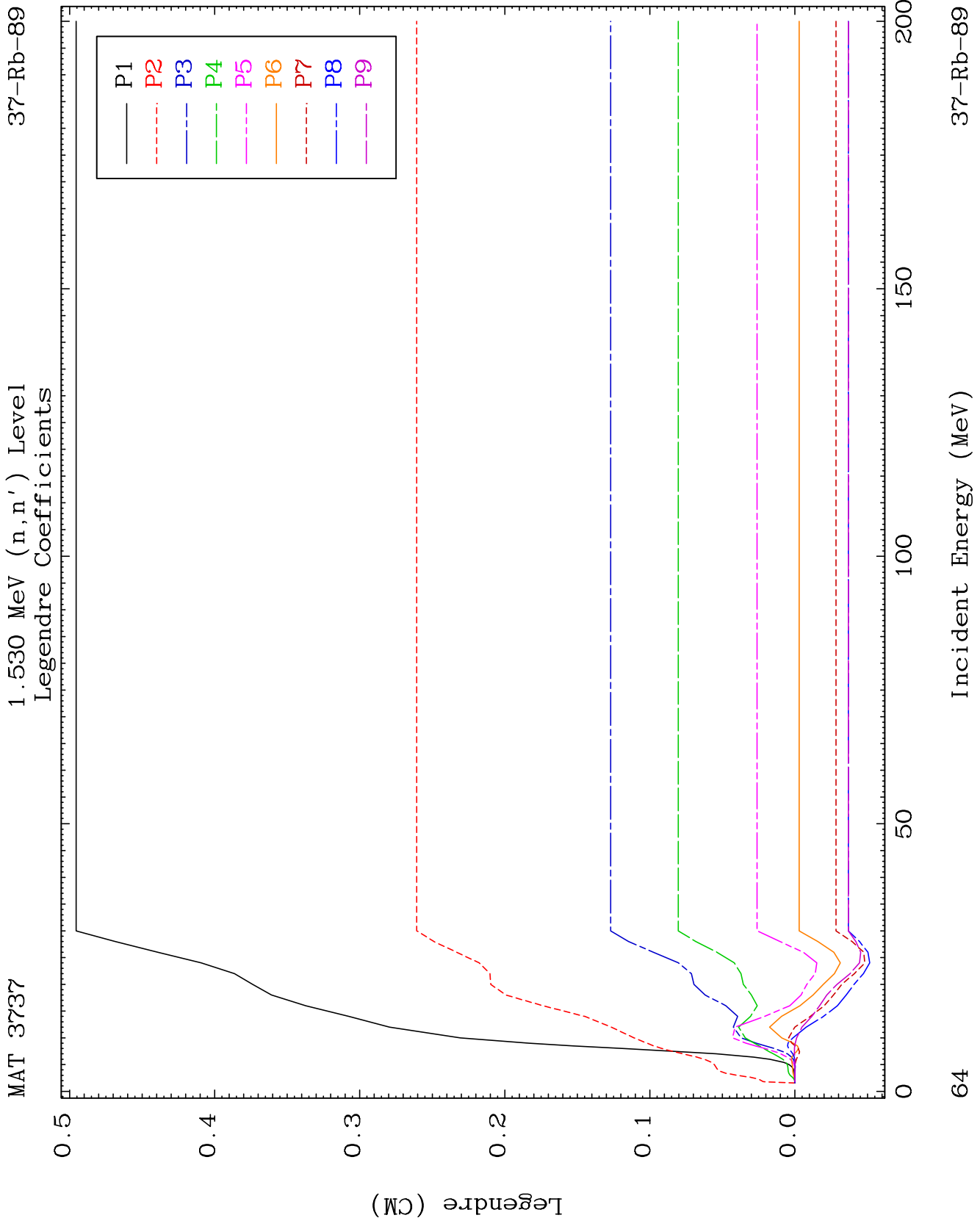


62

Incident Energy (MeV)

37-Rb-89

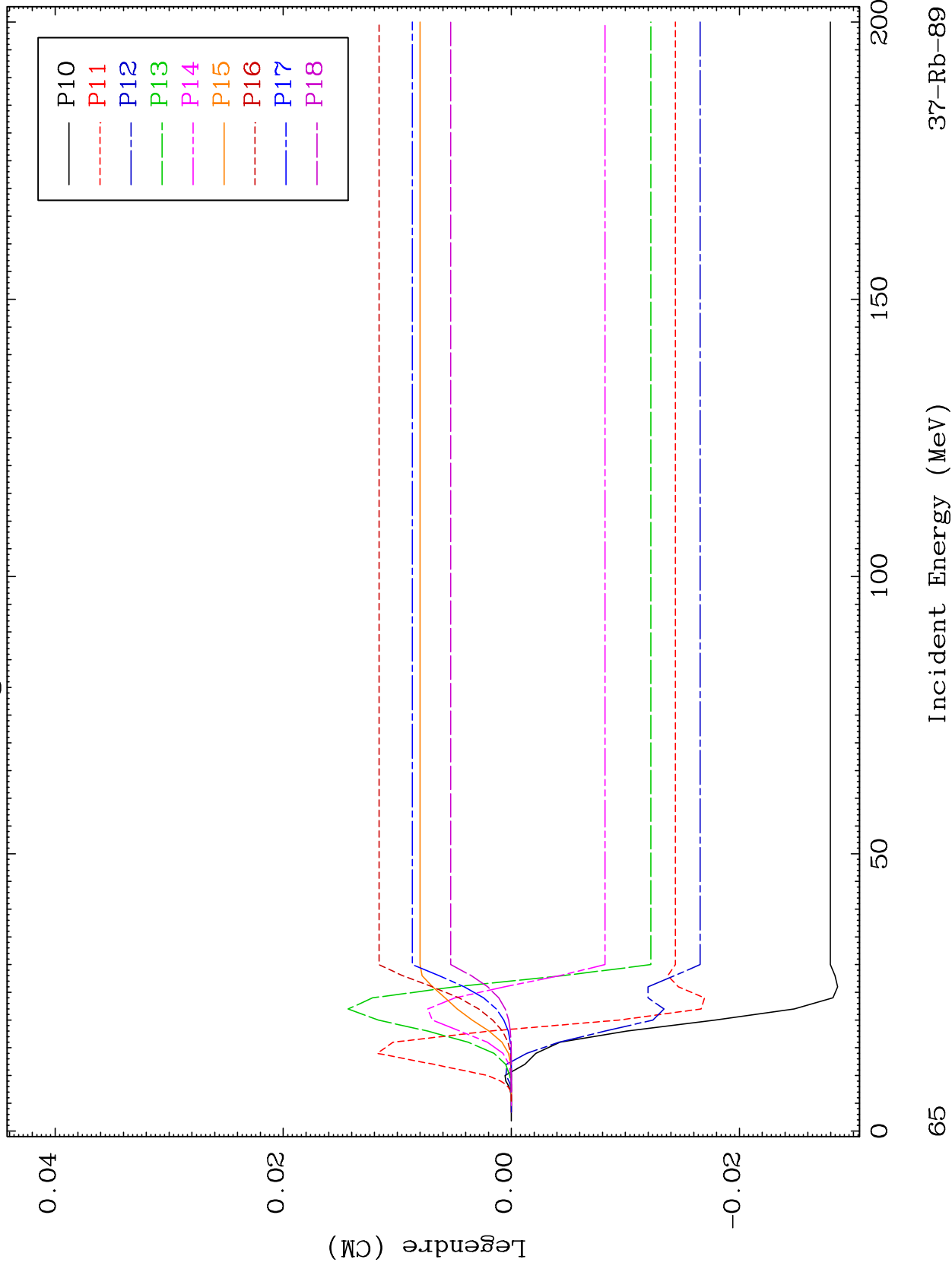




MAT 3737

1.530 MeV (n,n') Level
Legendre Coefficients

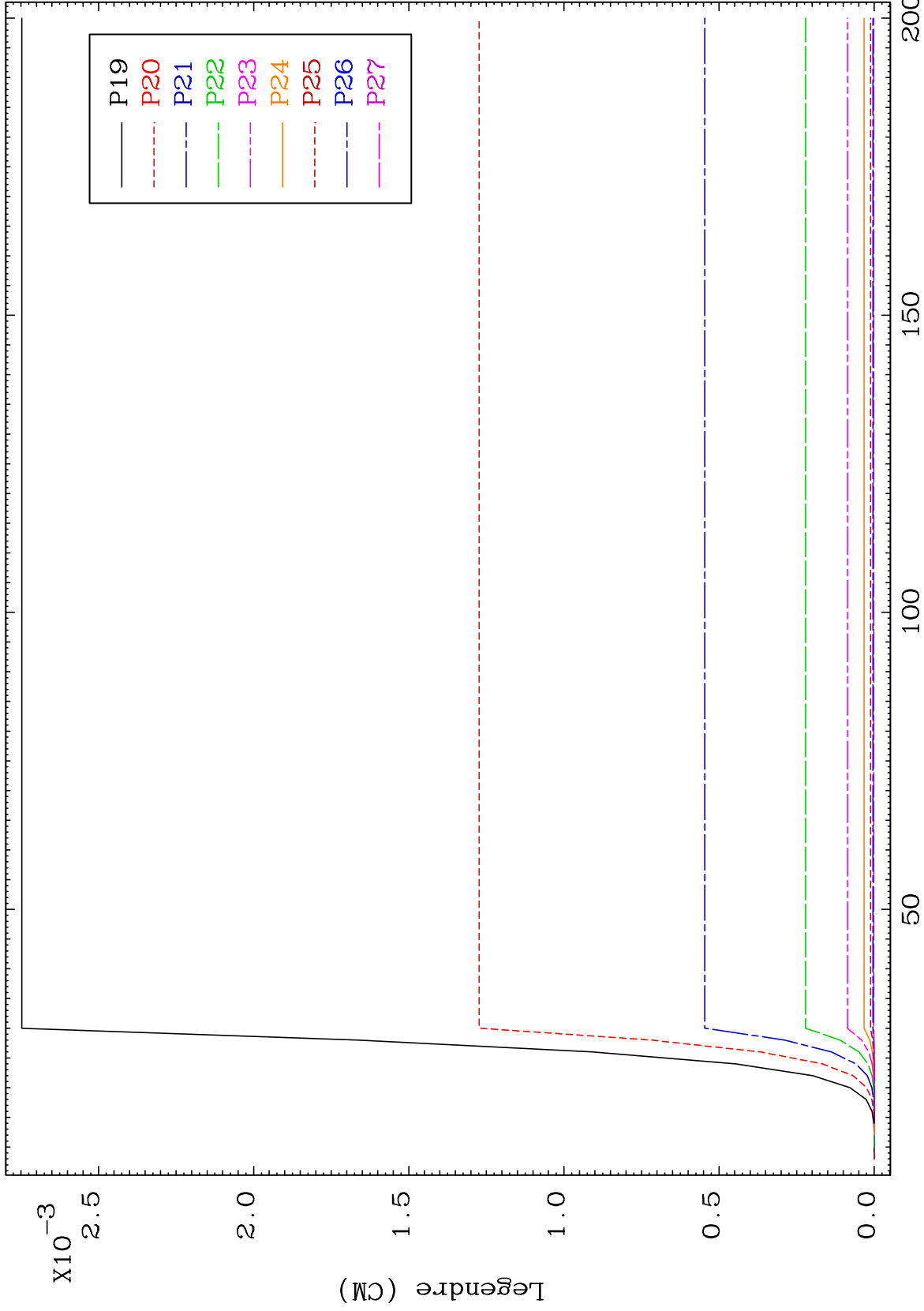
37-Rb-89



37-Rb-89

Incident Energy (MeV)

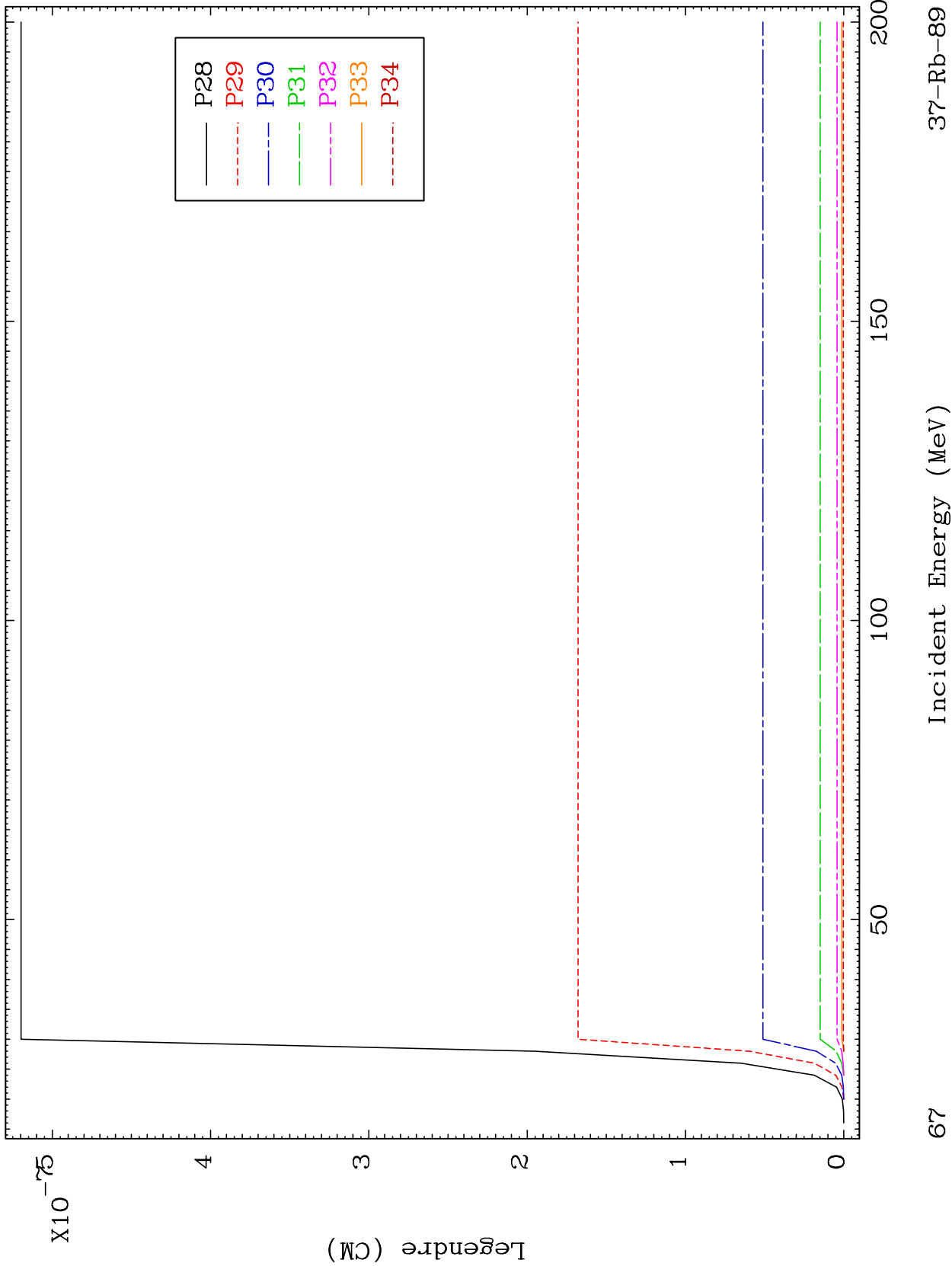
65



MAT 3737

1.530 MeV (n, n') Level
Legendre Coefficients

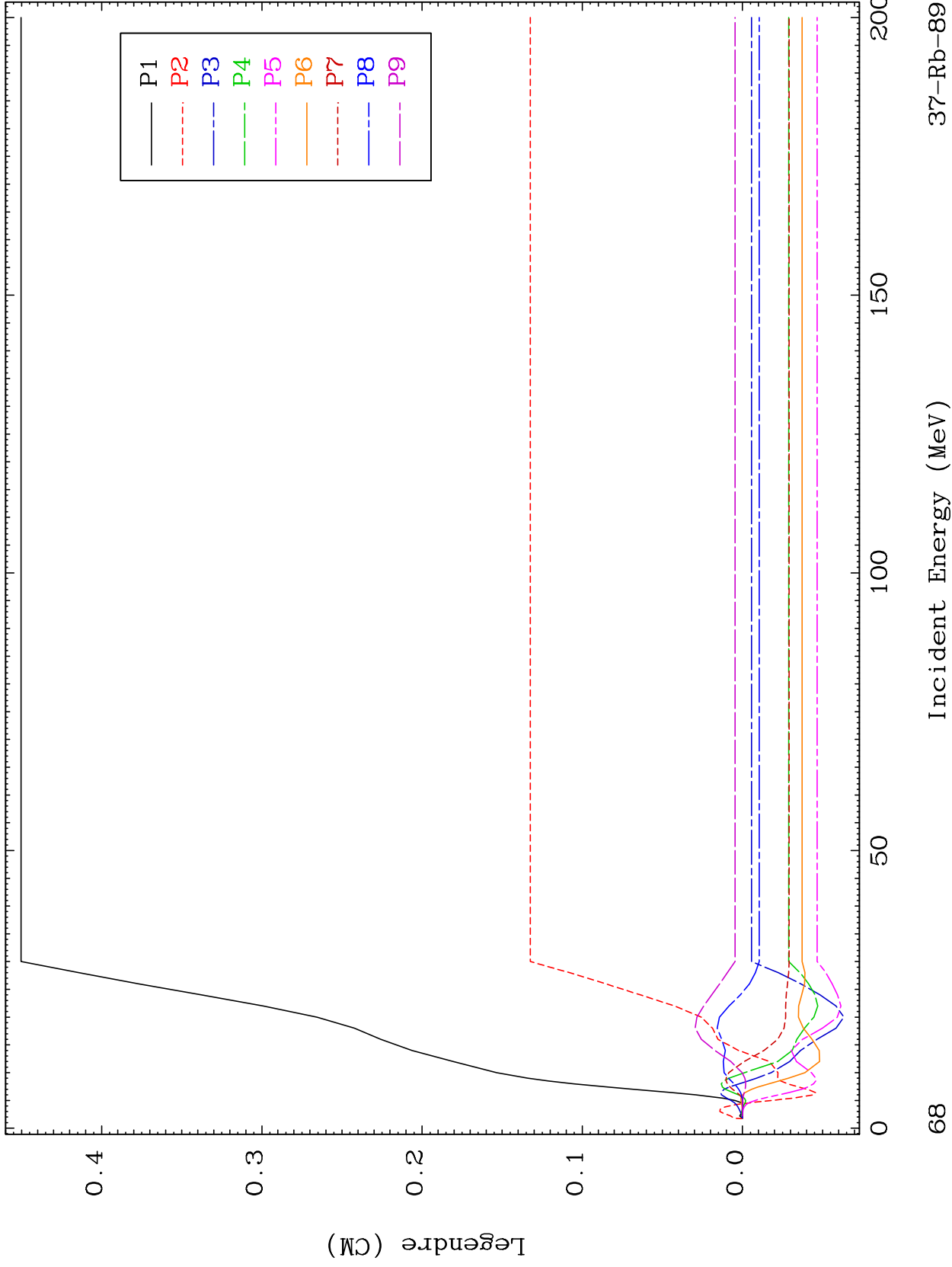
37-Rb-89



MAT 3737

1.694 MeV (n,n') Level
Legendre Coefficients

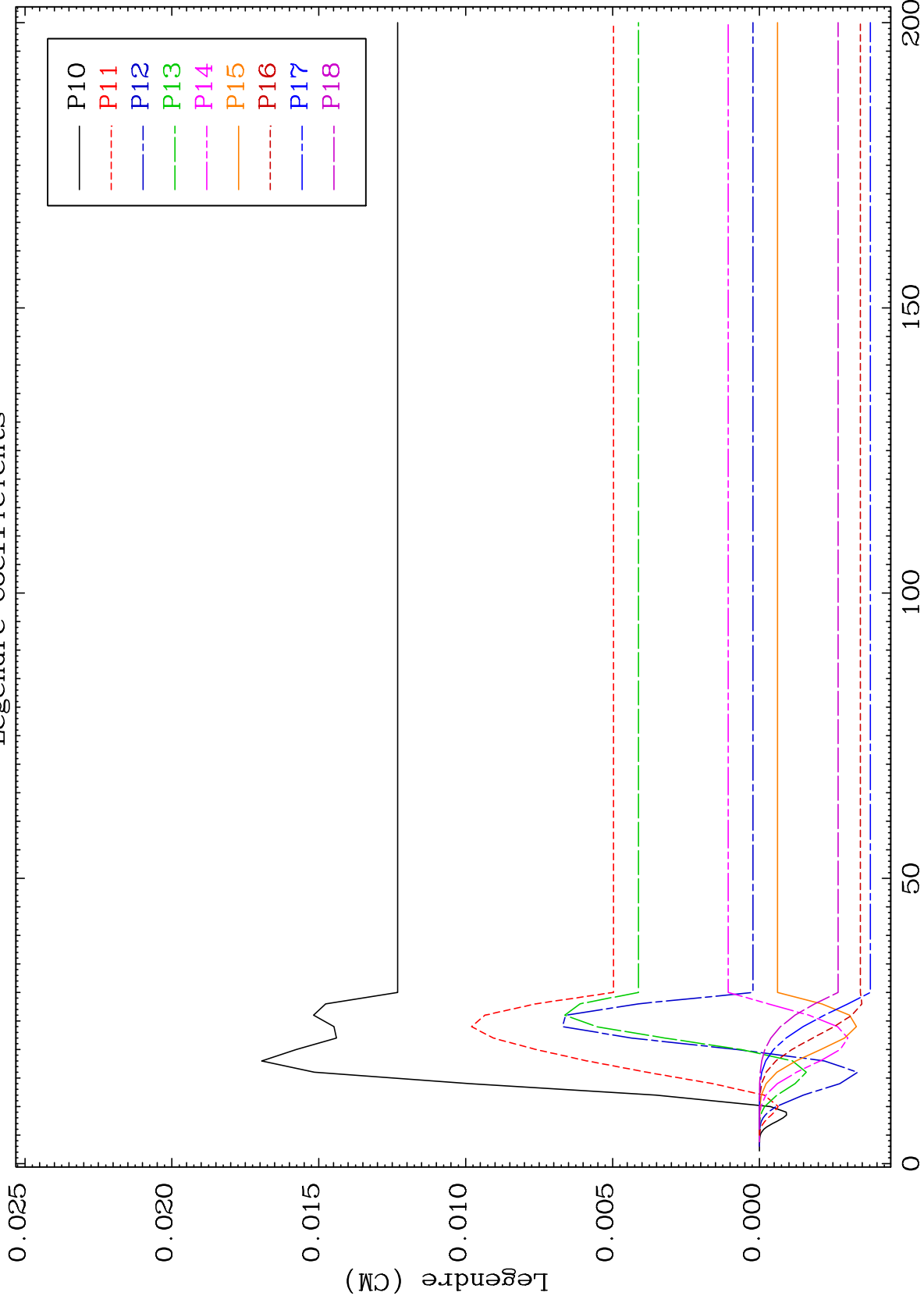
37-Rb-89



37-Rb-89

Incident Energy (MeV)

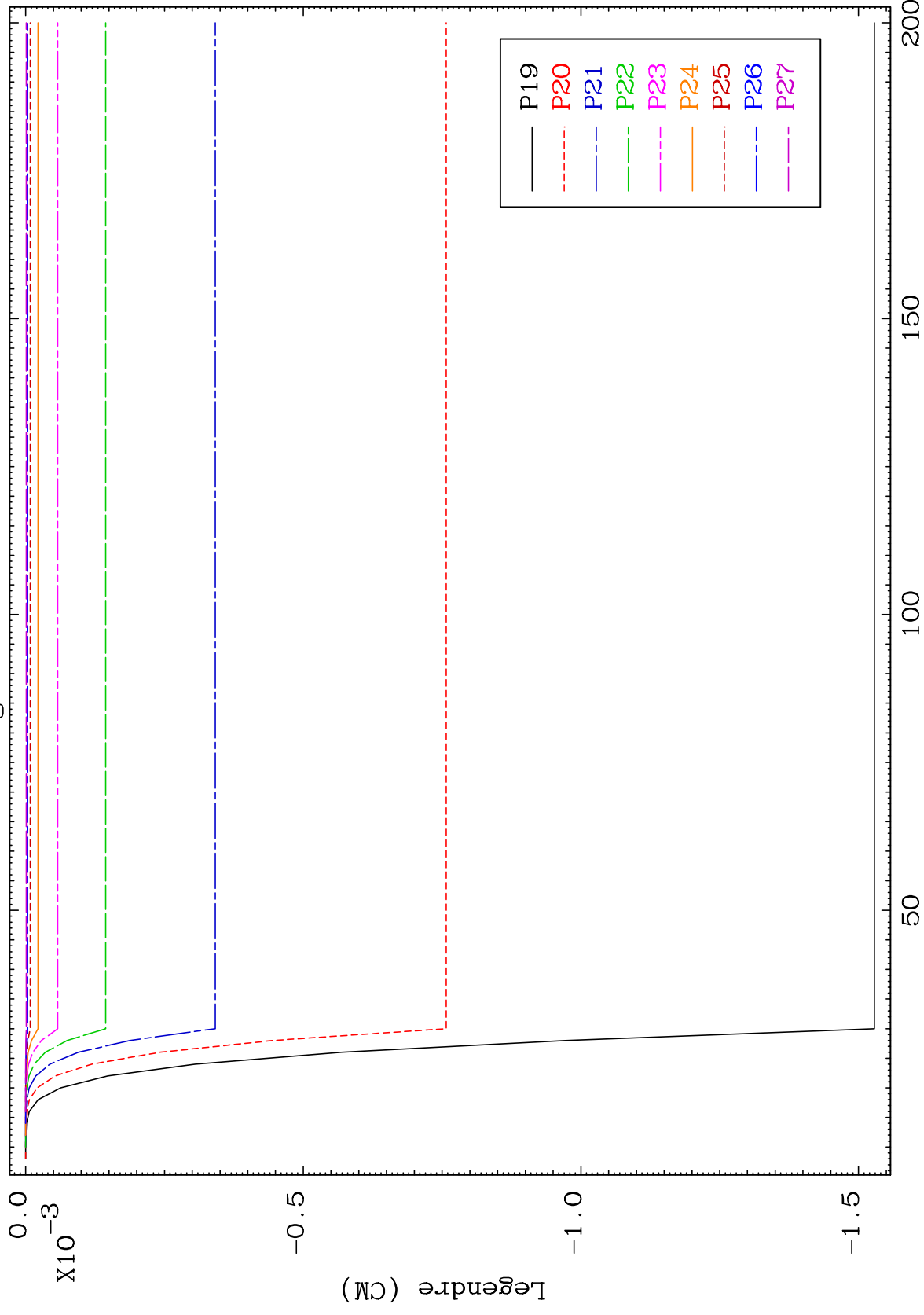
68



MAT 3737

1.694 MeV (n,n') Level
Legendre Coefficients

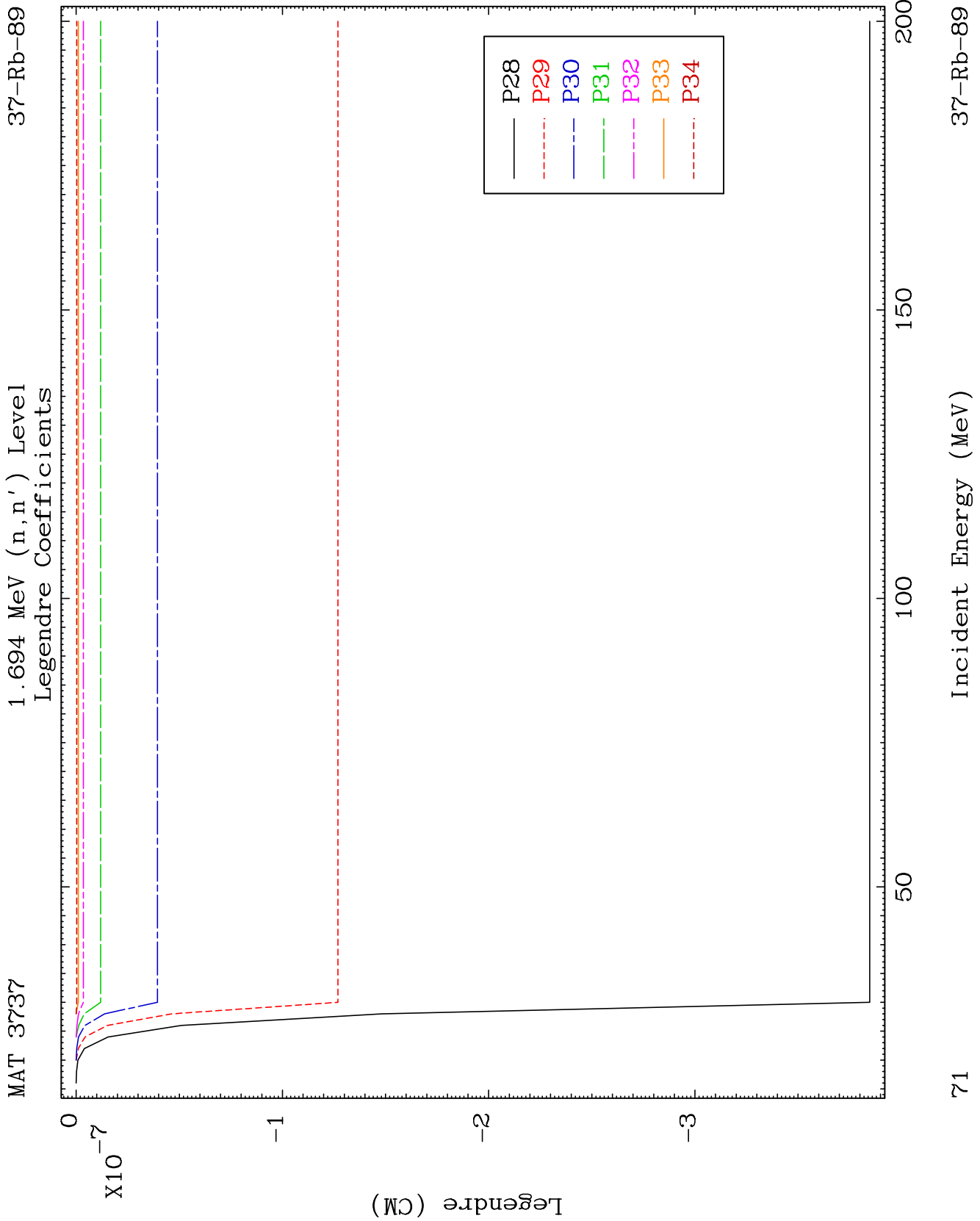
37-Rb-89

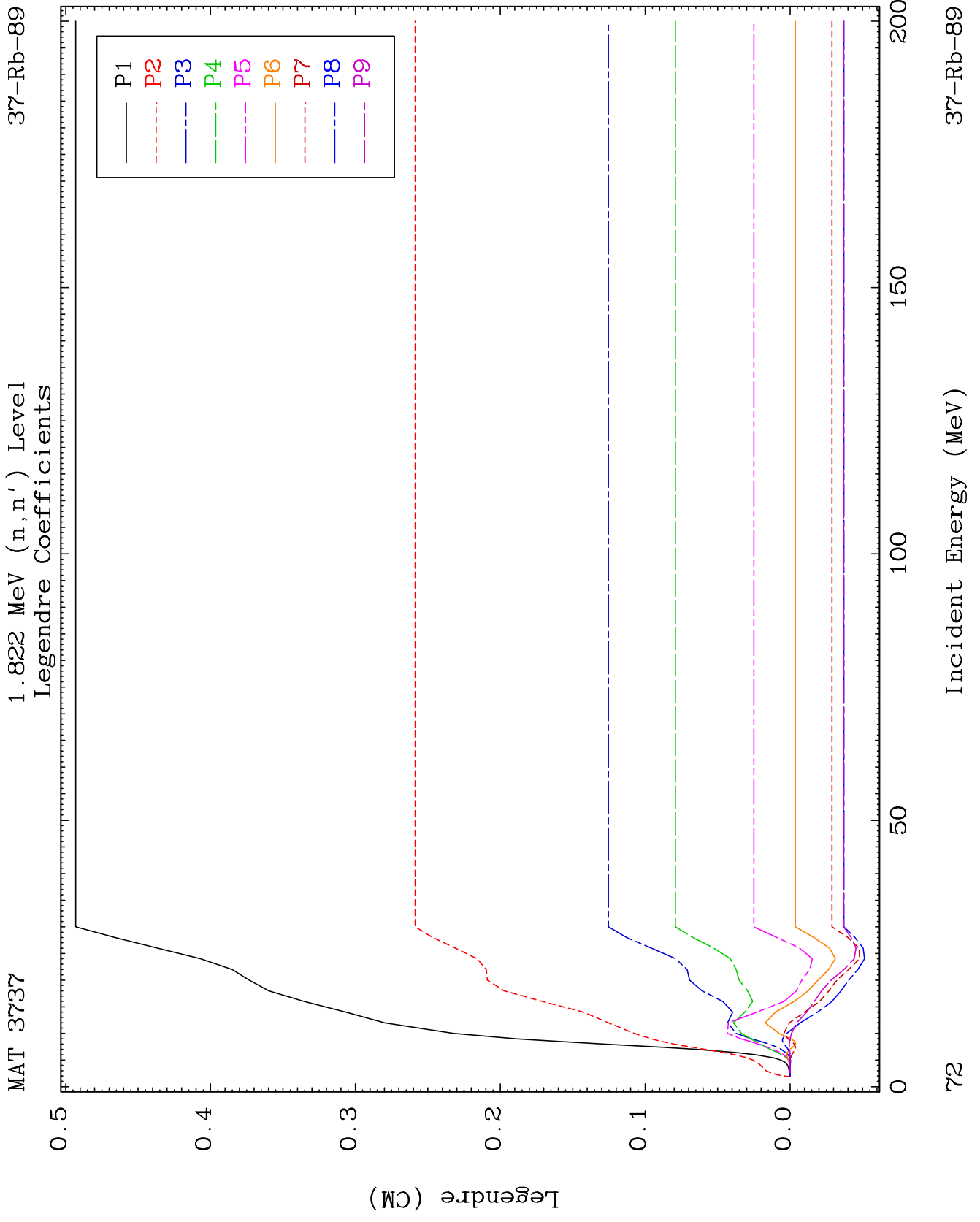


37-Rb-89

Incident Energy (MeV)

70

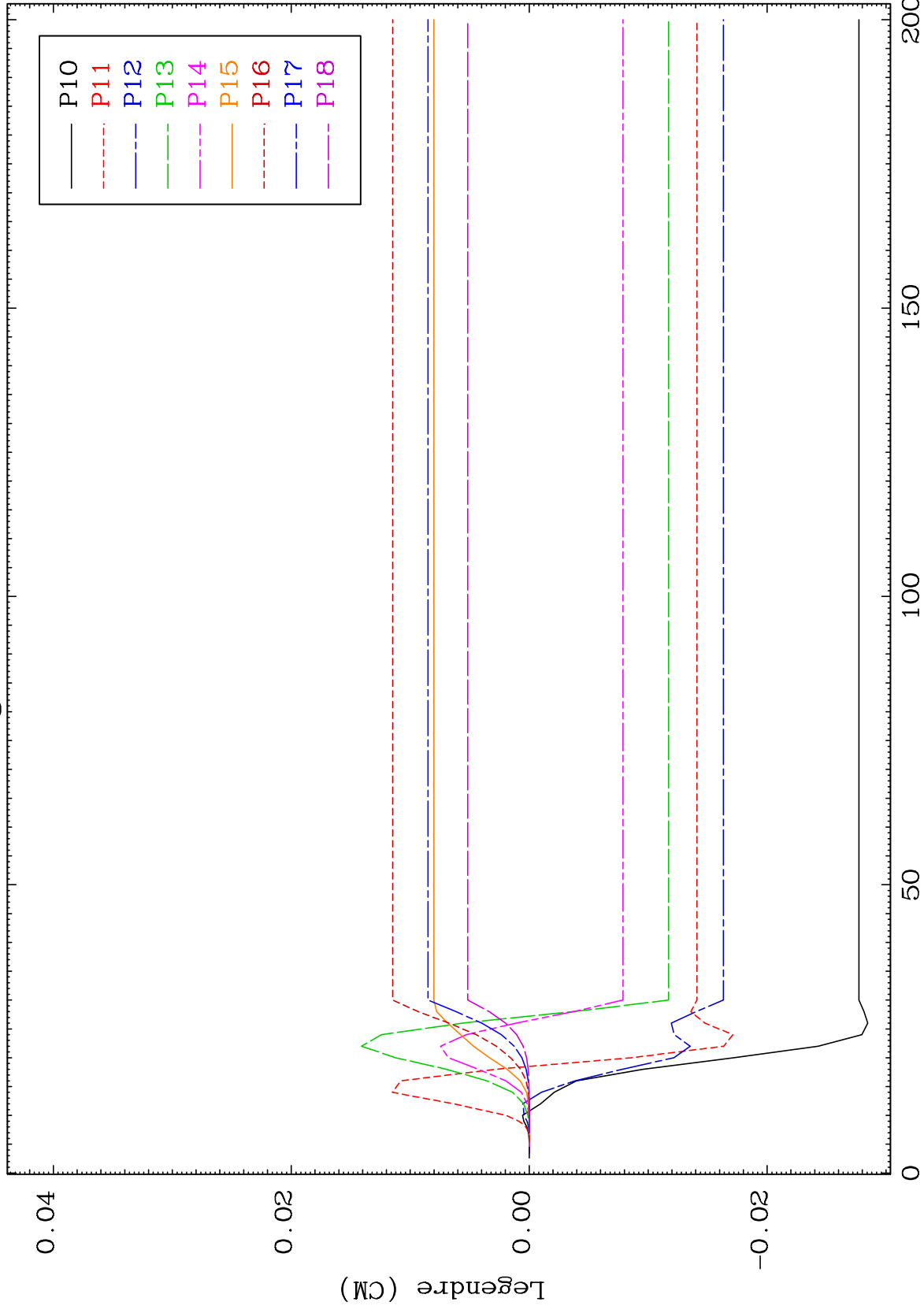




MAT 3737

1.822 MeV (n,n') Level
Legendre Coefficients

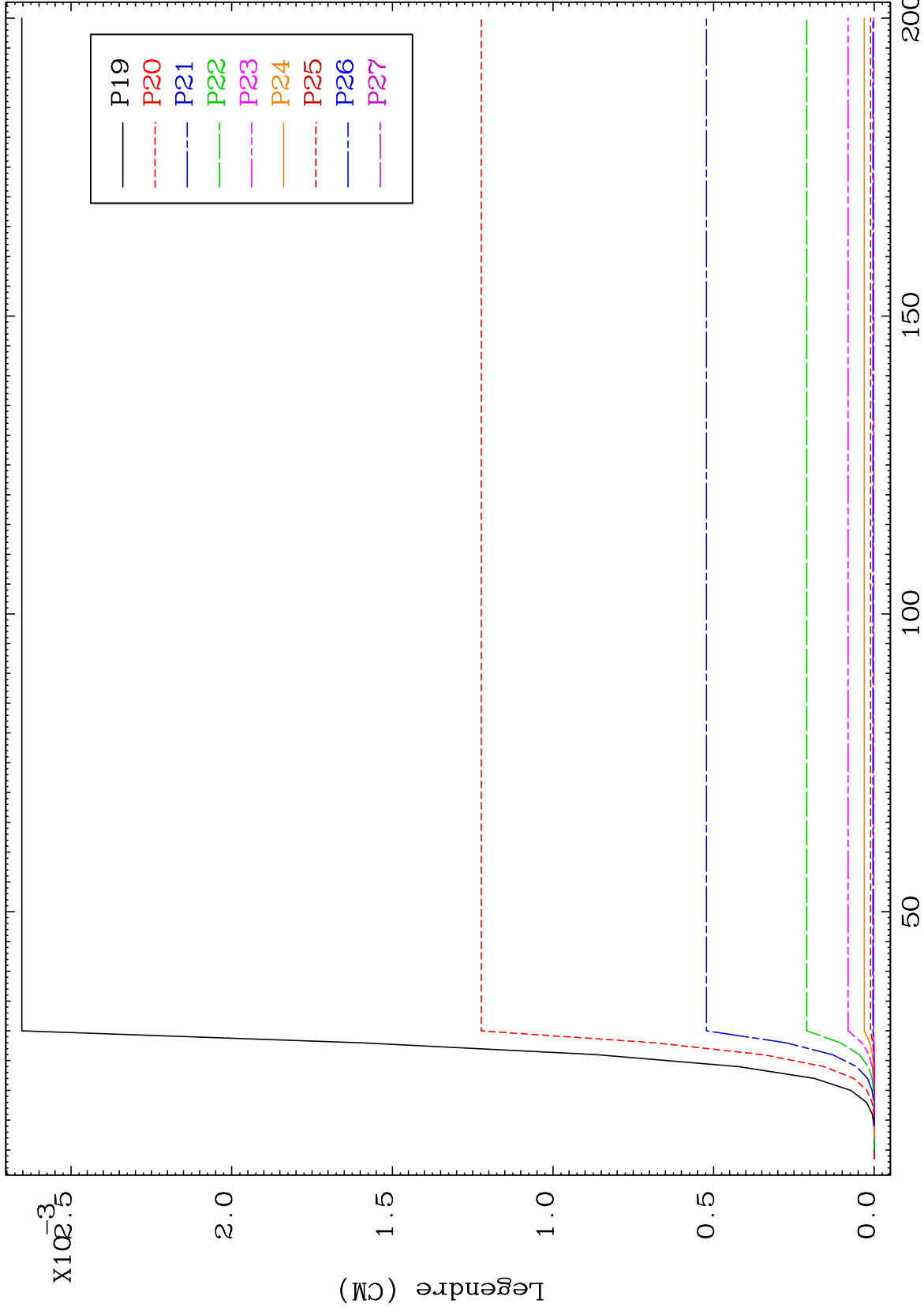
37-Rb-89



73

Incident Energy (MeV)

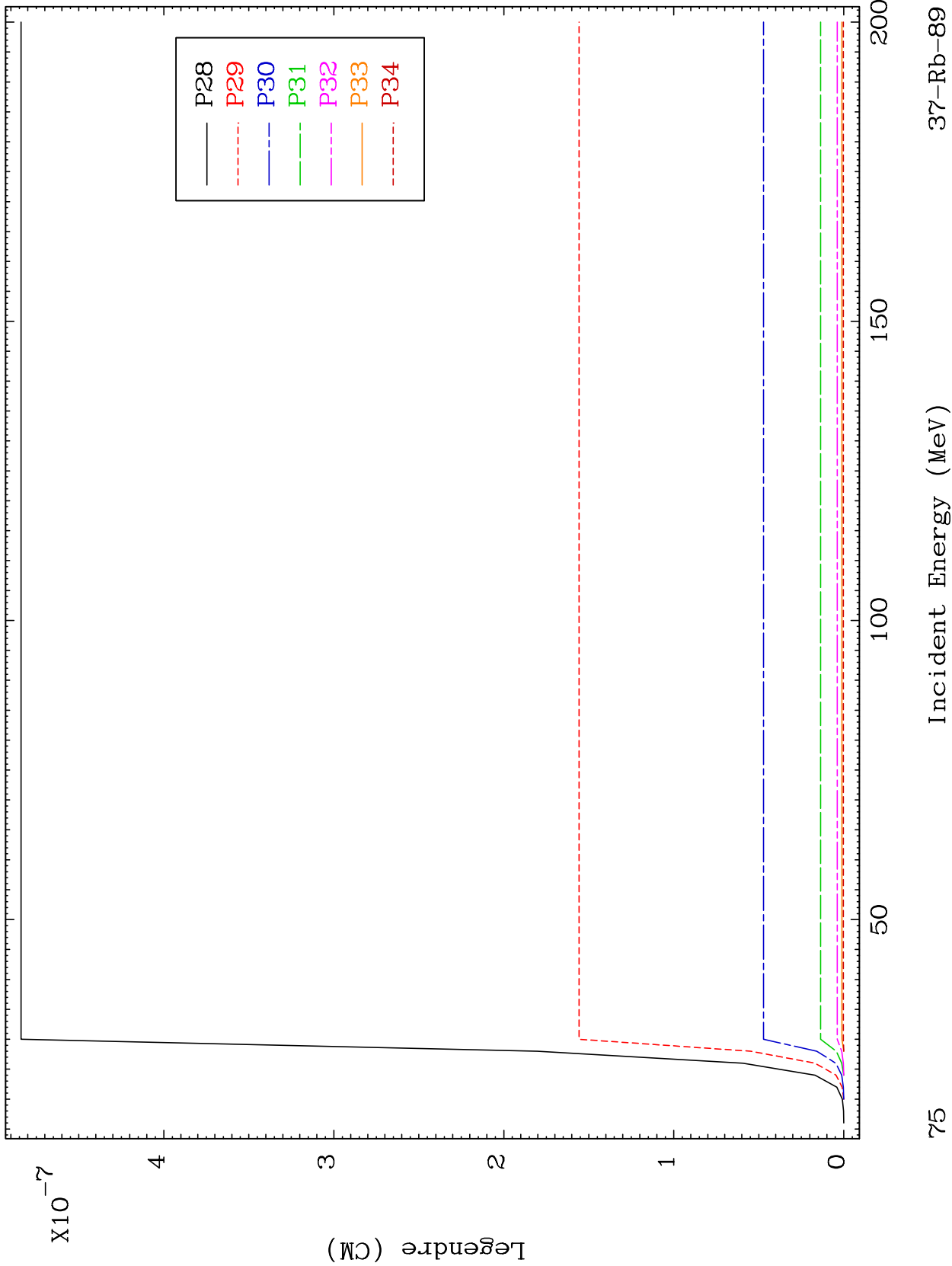
37-Rb-89



MAT 3737

1.822 MeV (n,n') Level
Legendre Coefficients

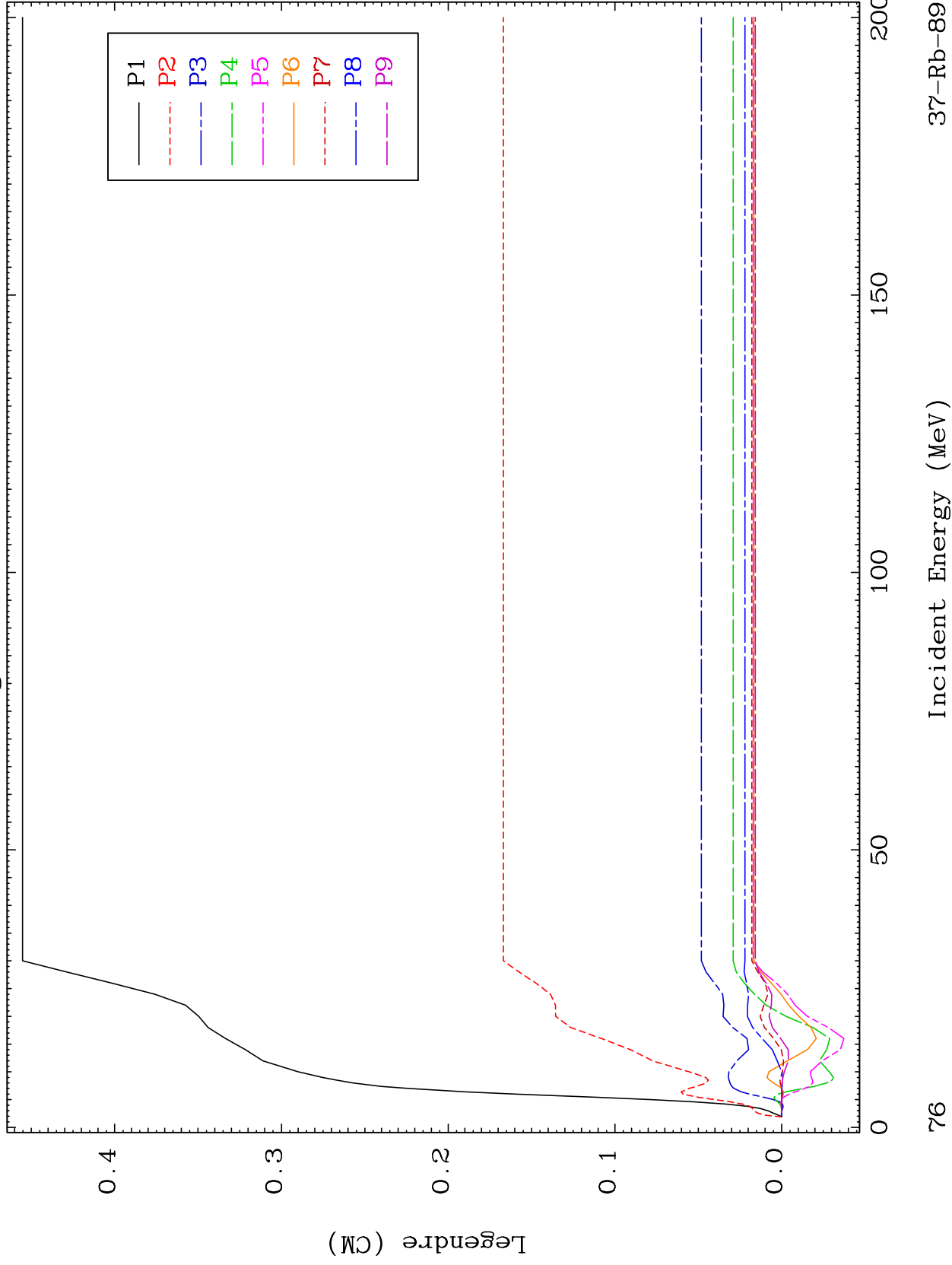
37-Rb-89



MAT 3737

1.865 MeV (n,n') Level
Legendre Coefficients

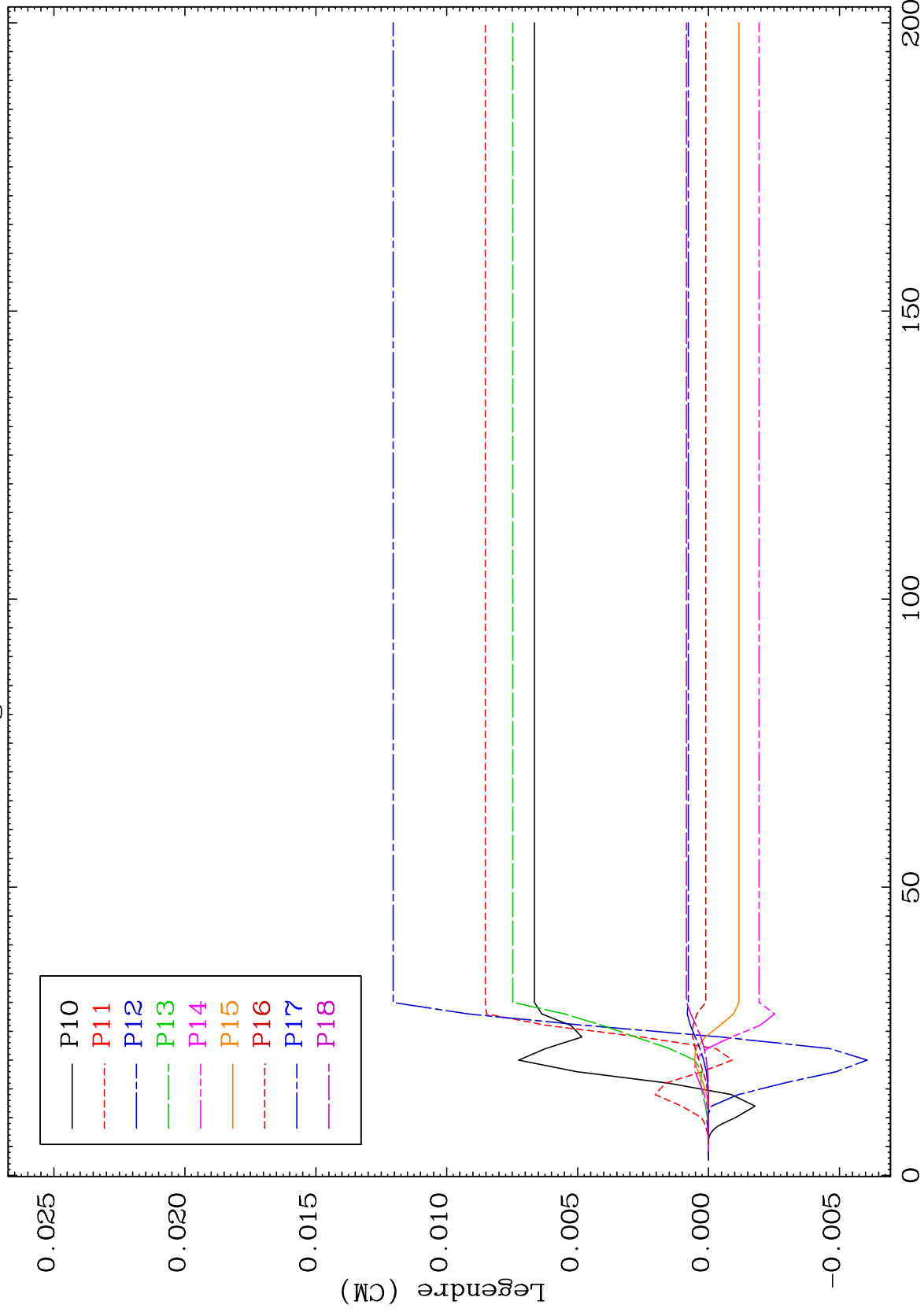
37-Rb-89



76

Incident Energy (MeV)

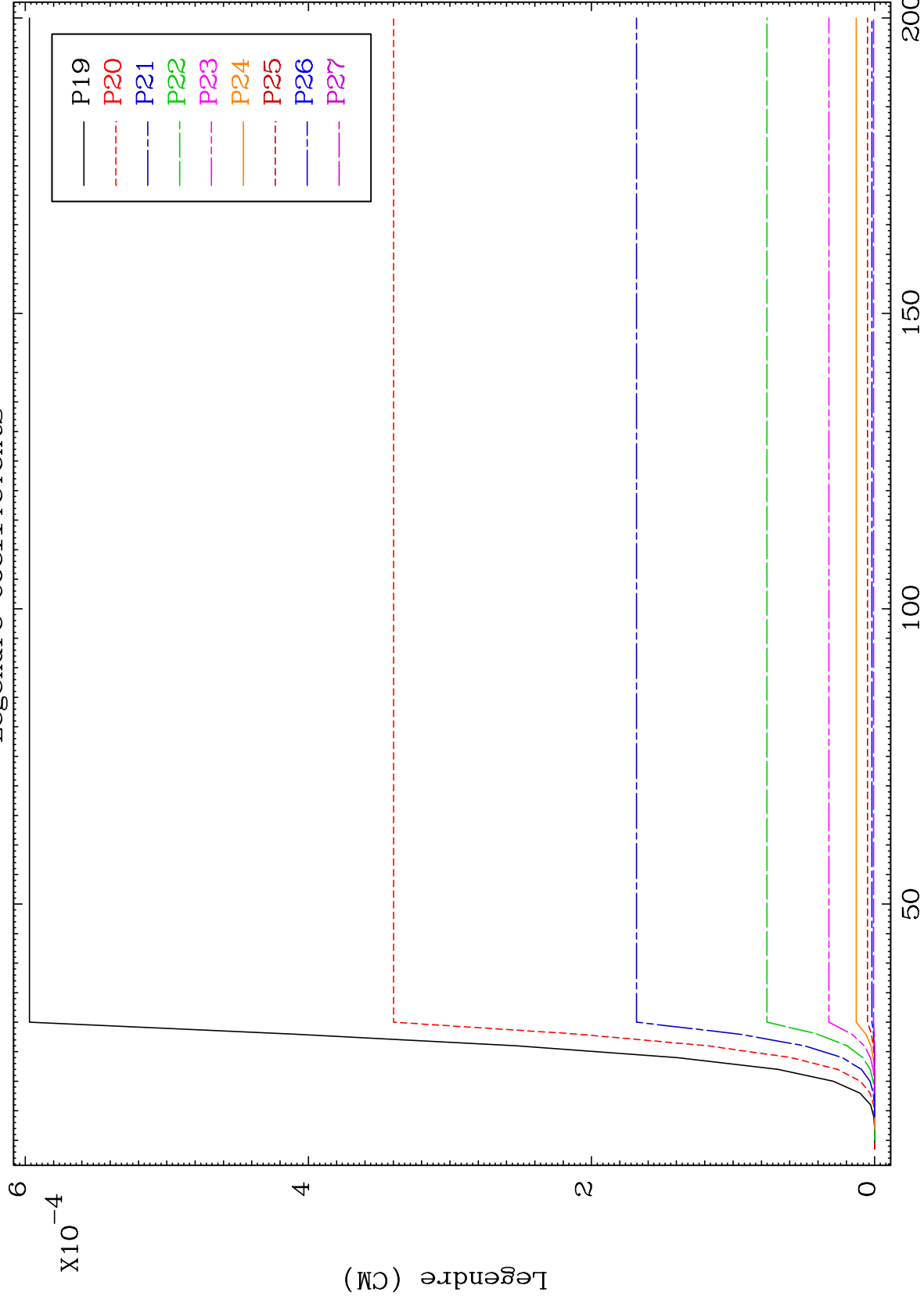
37-Rb-89



MAT 3737

1.865 MeV (n,n') Level
Legendre Coefficients

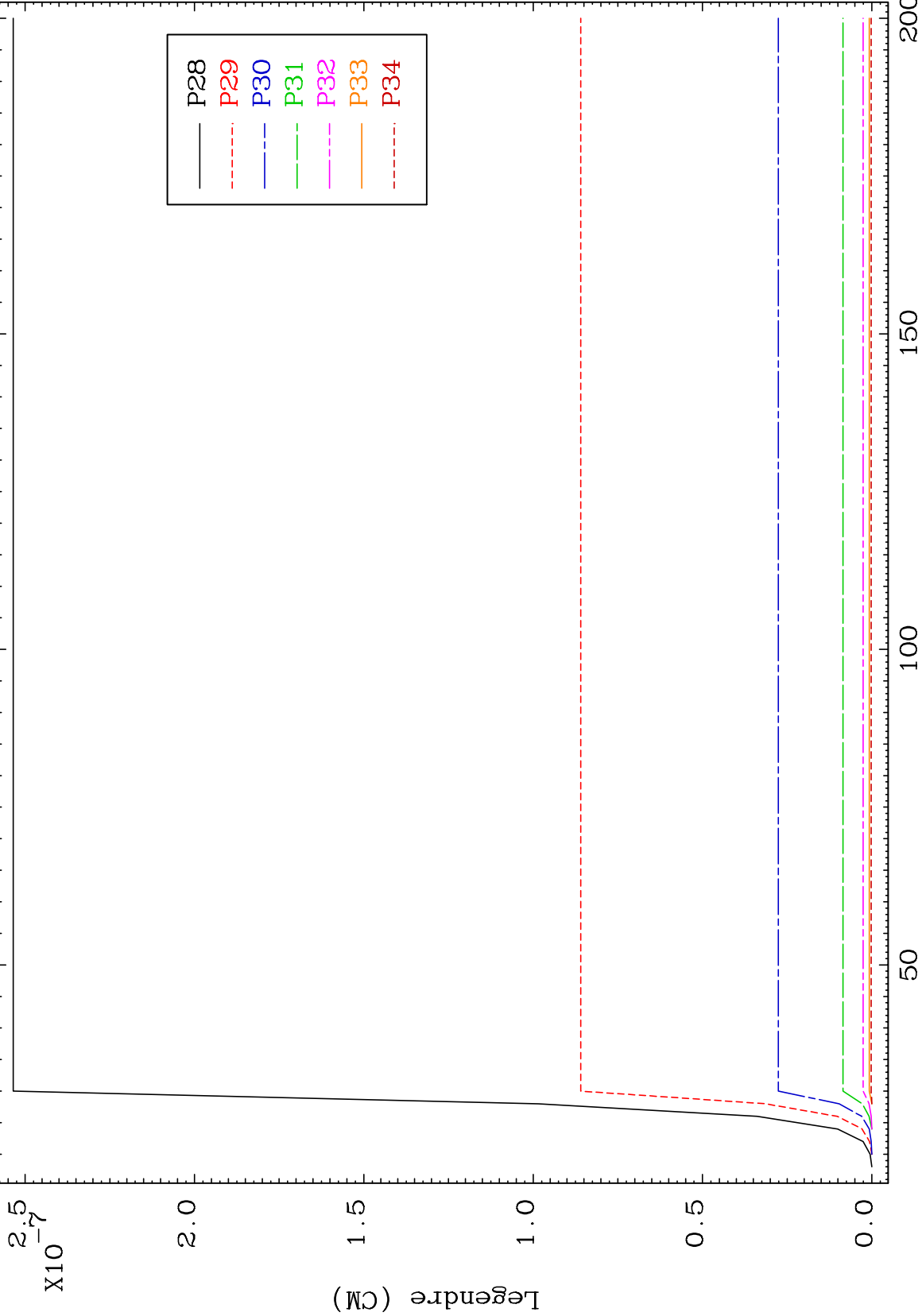
37-Rb-89

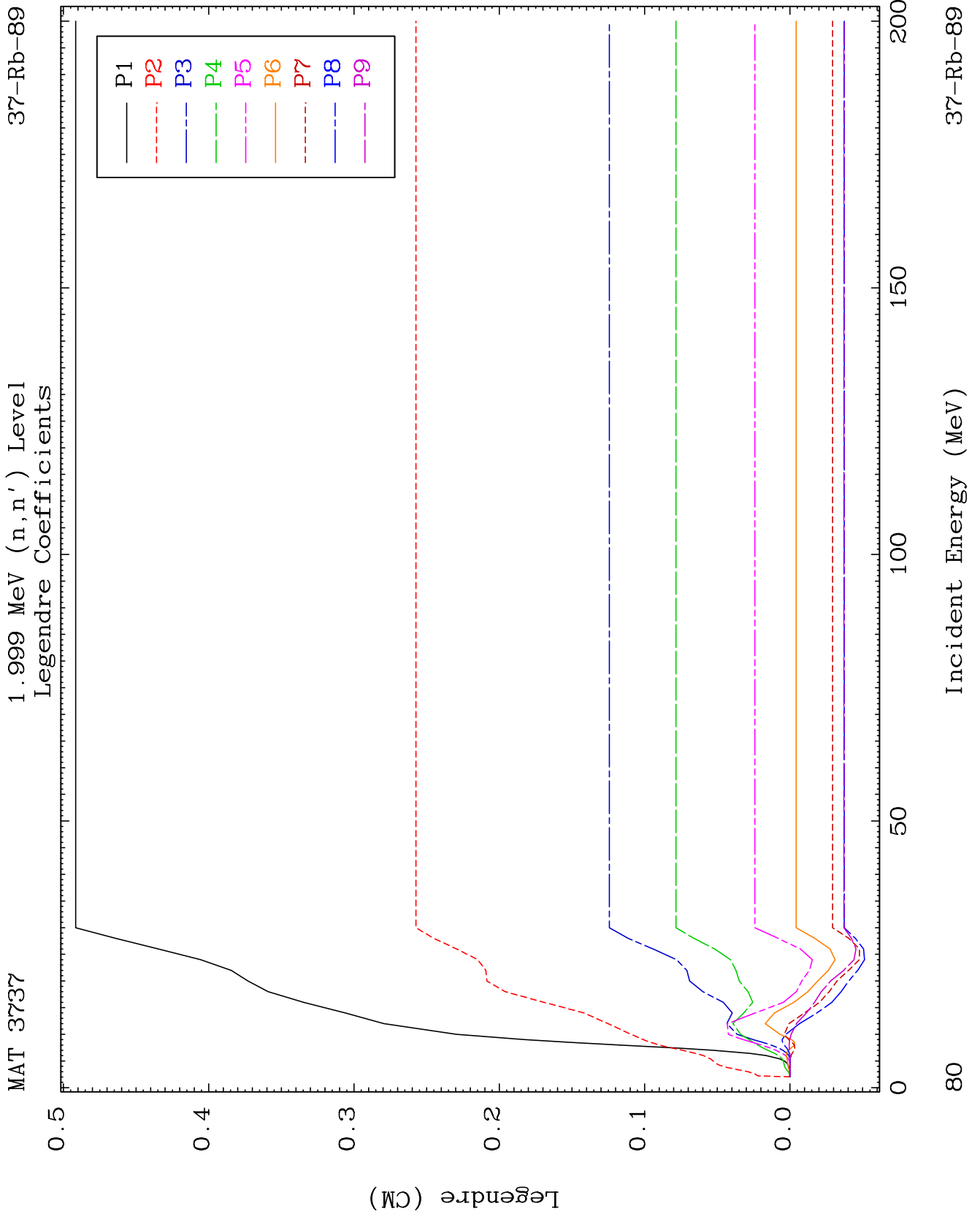


78

Incident Energy (MeV)

37-Rb-89

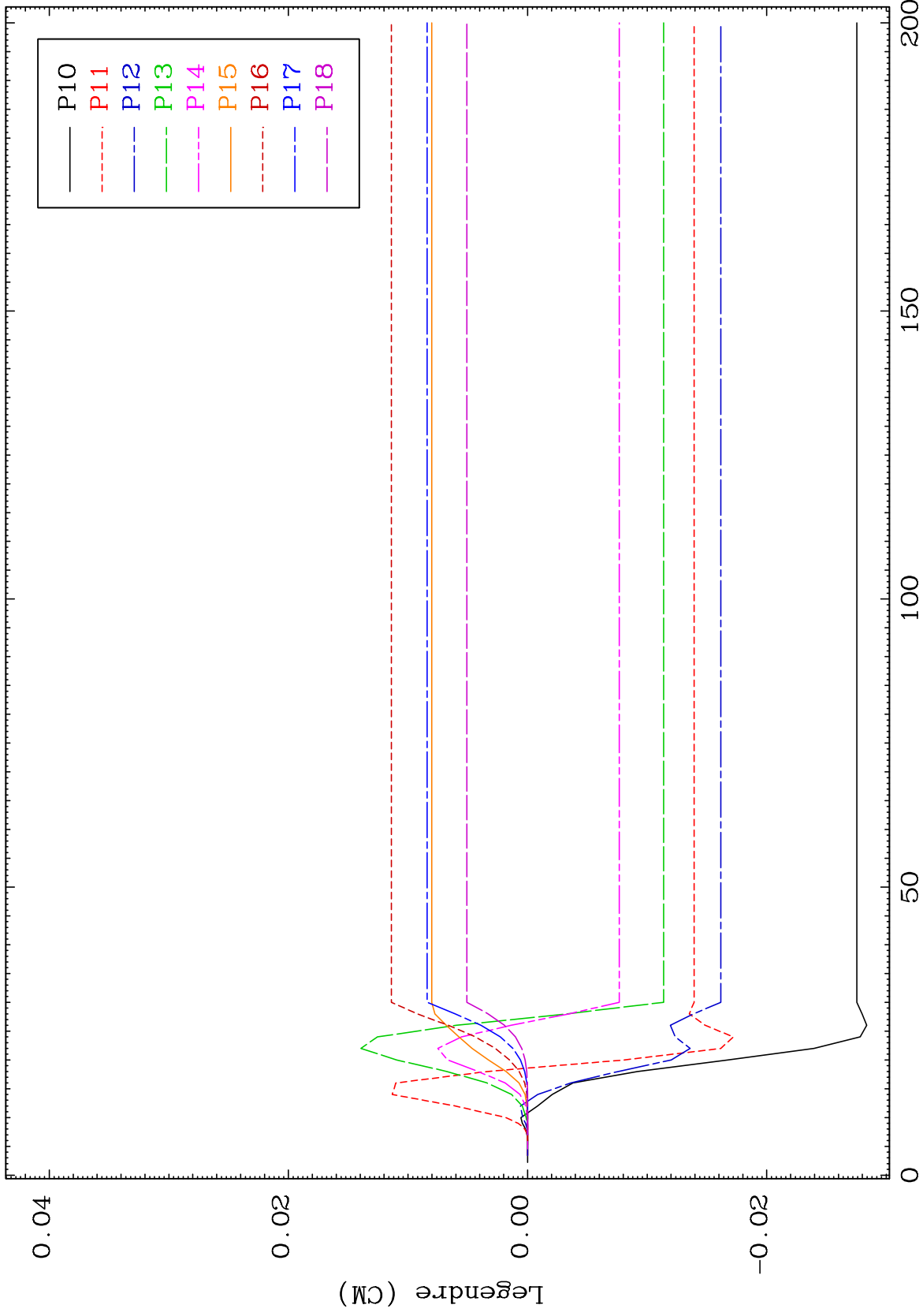




MAT 3737

1.999 MeV (n,n') Level
Legendre Coefficients

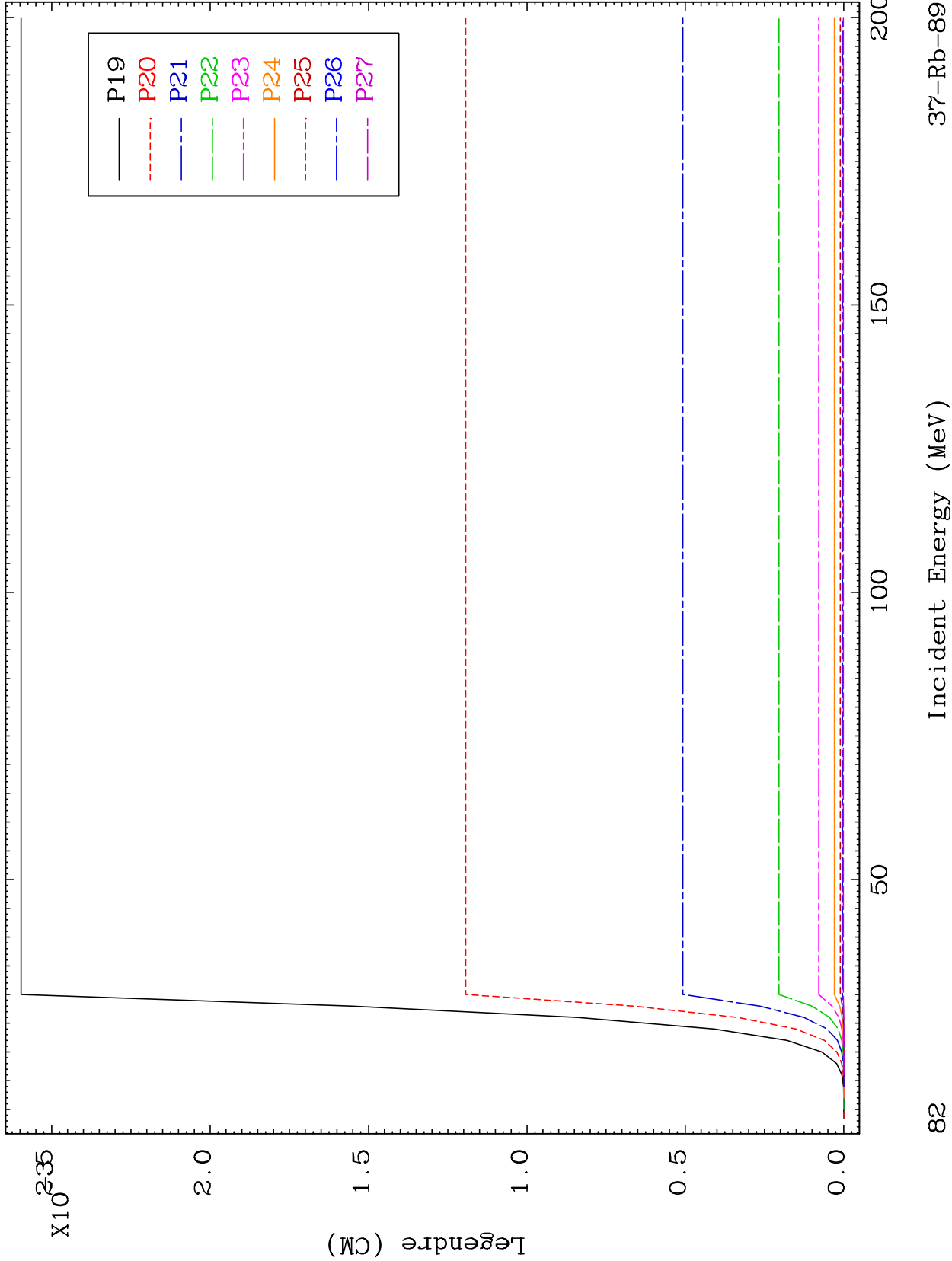
37-Rb-89



81

Incident Energy (MeV)

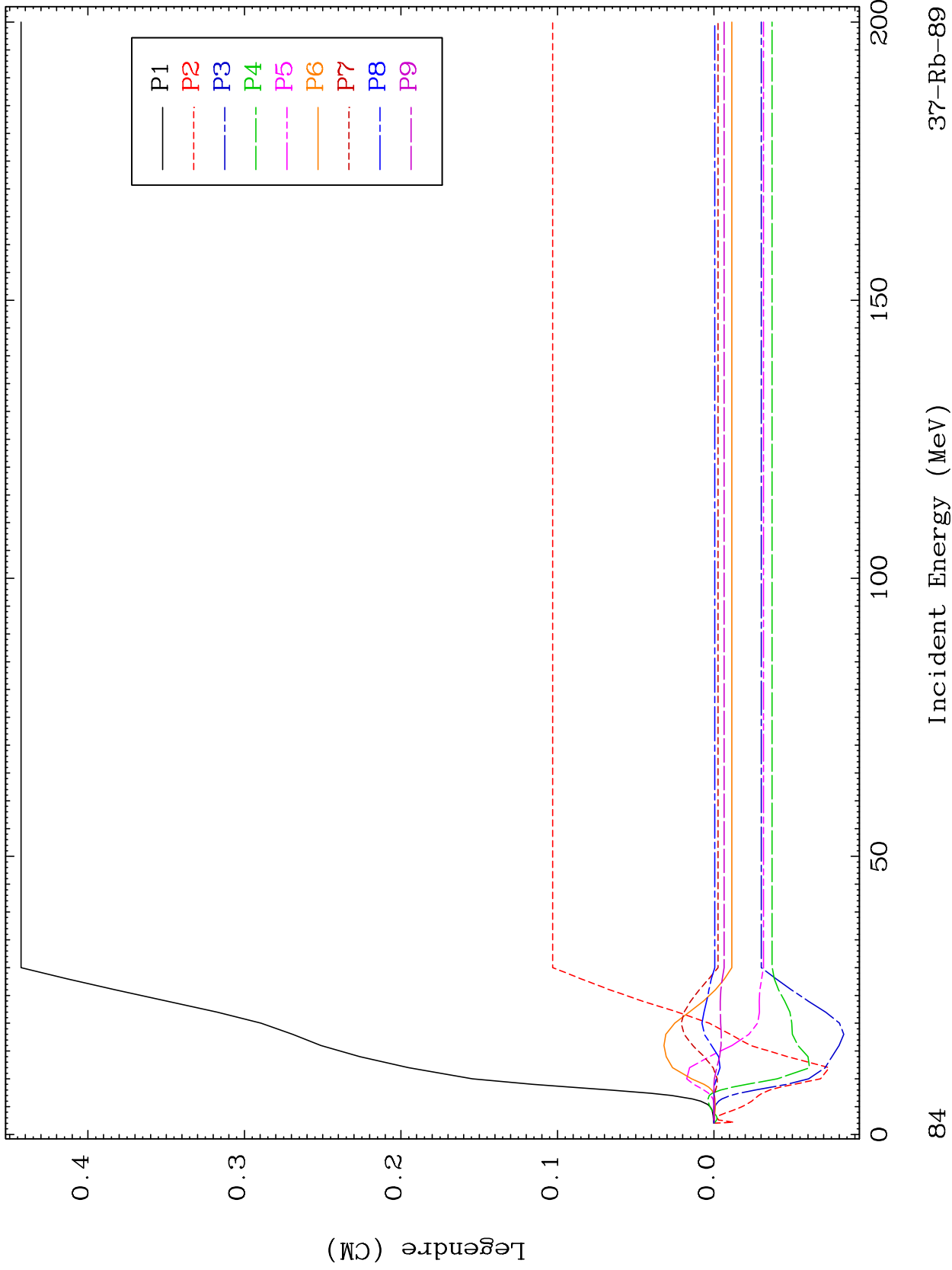
37-Rb-89



MAT 3737

2.004 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



84

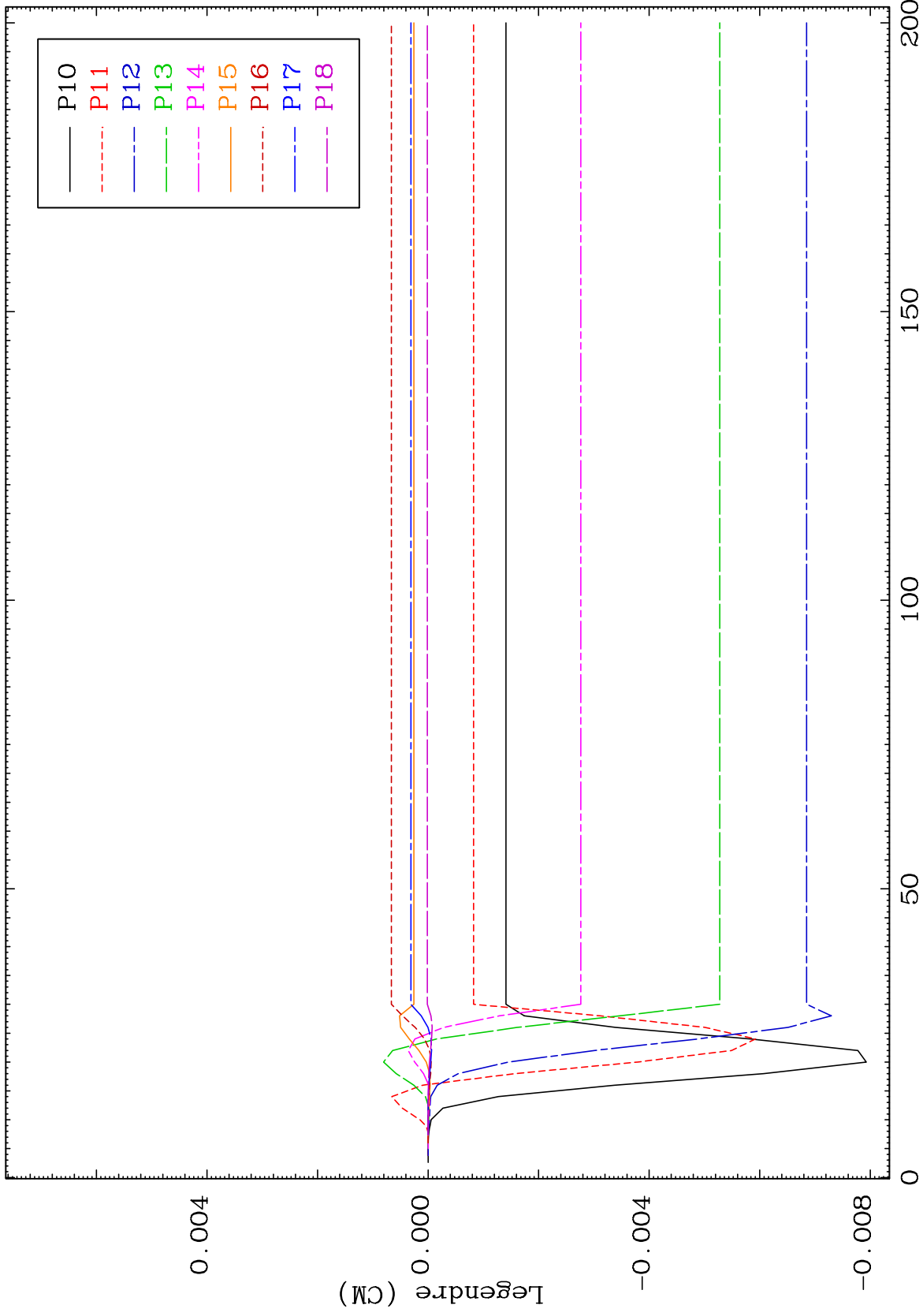
Incident Energy (MeV)

37-Rb-89

MAT 3737

2.004 MeV (n,n') Level
Legendre Coefficients

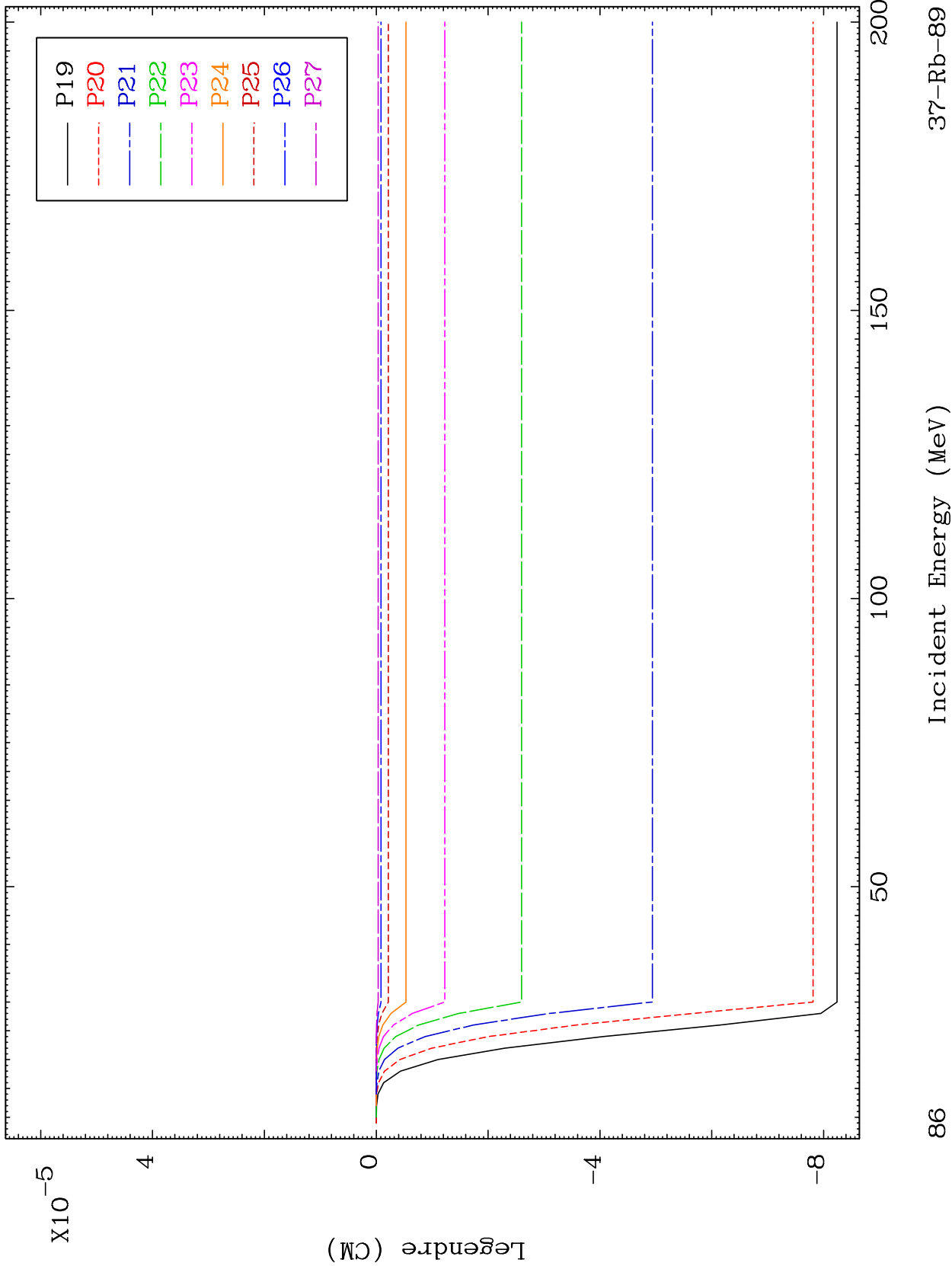
37-Rb-89

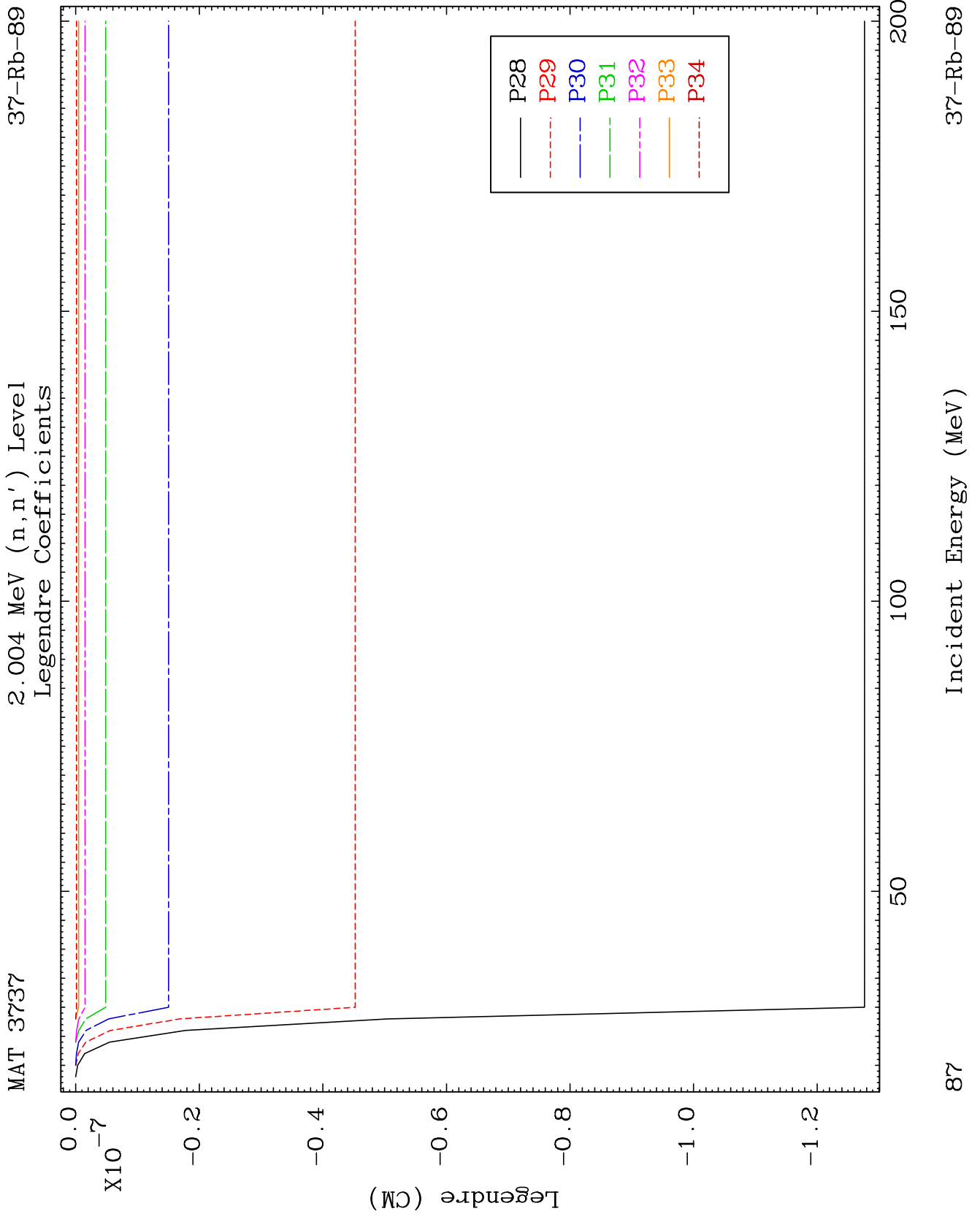


85

Incident Energy (MeV)

37-Rb-89

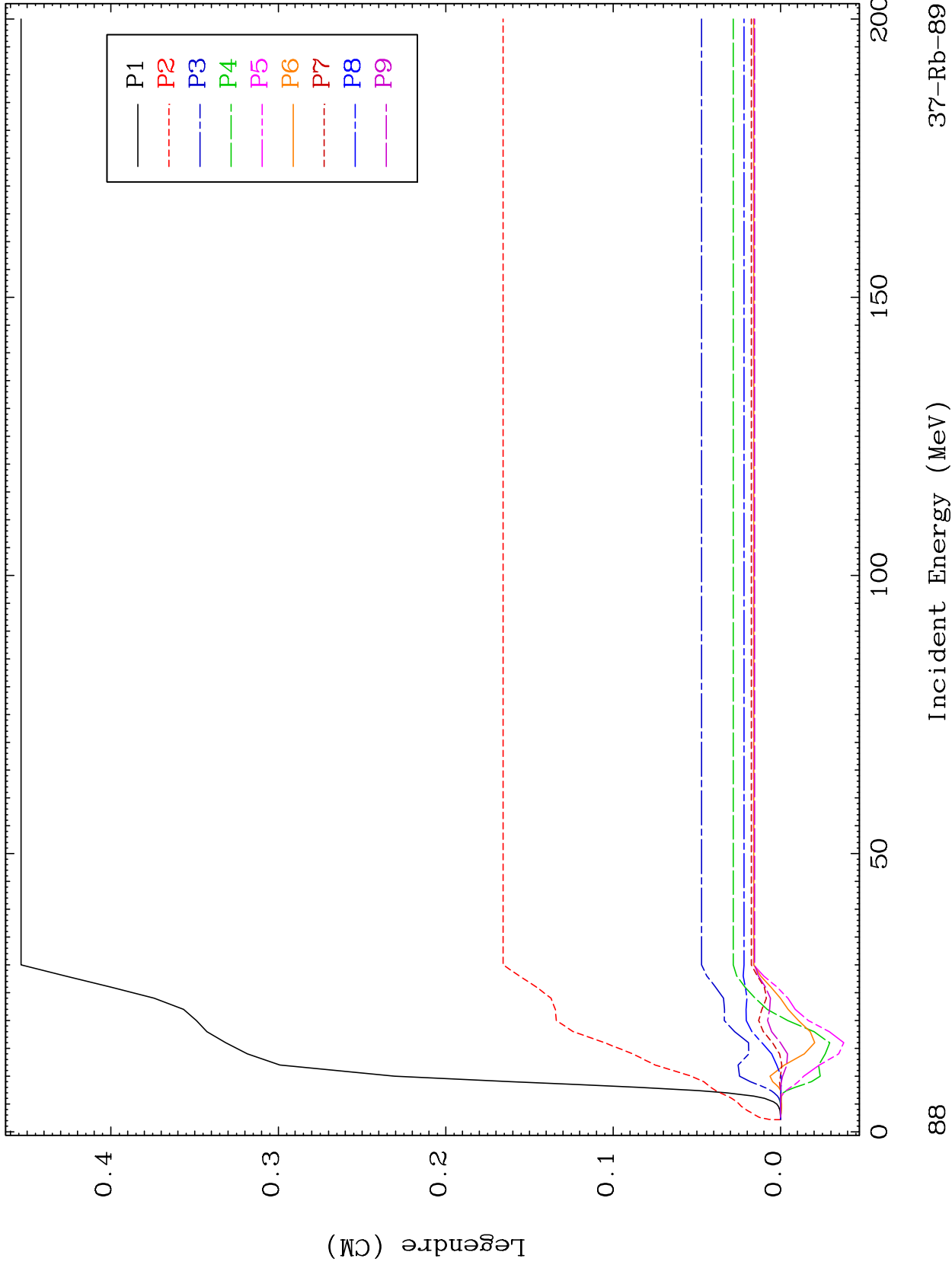




MAT 3737

2.141 MeV (n,n') Level
Legendre Coefficients

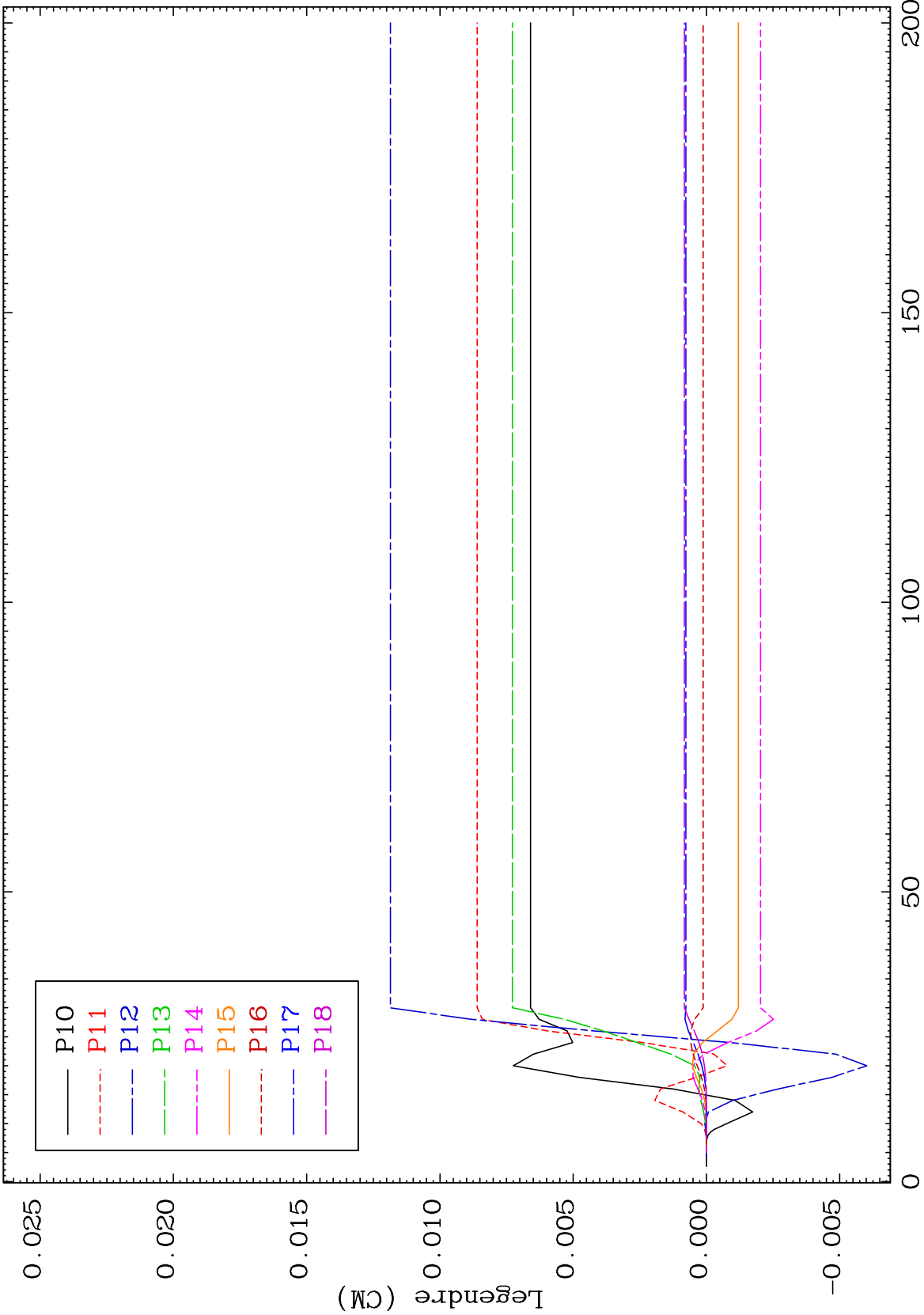
37-Rb-89



37-Rb-89

Incident Energy (MeV)

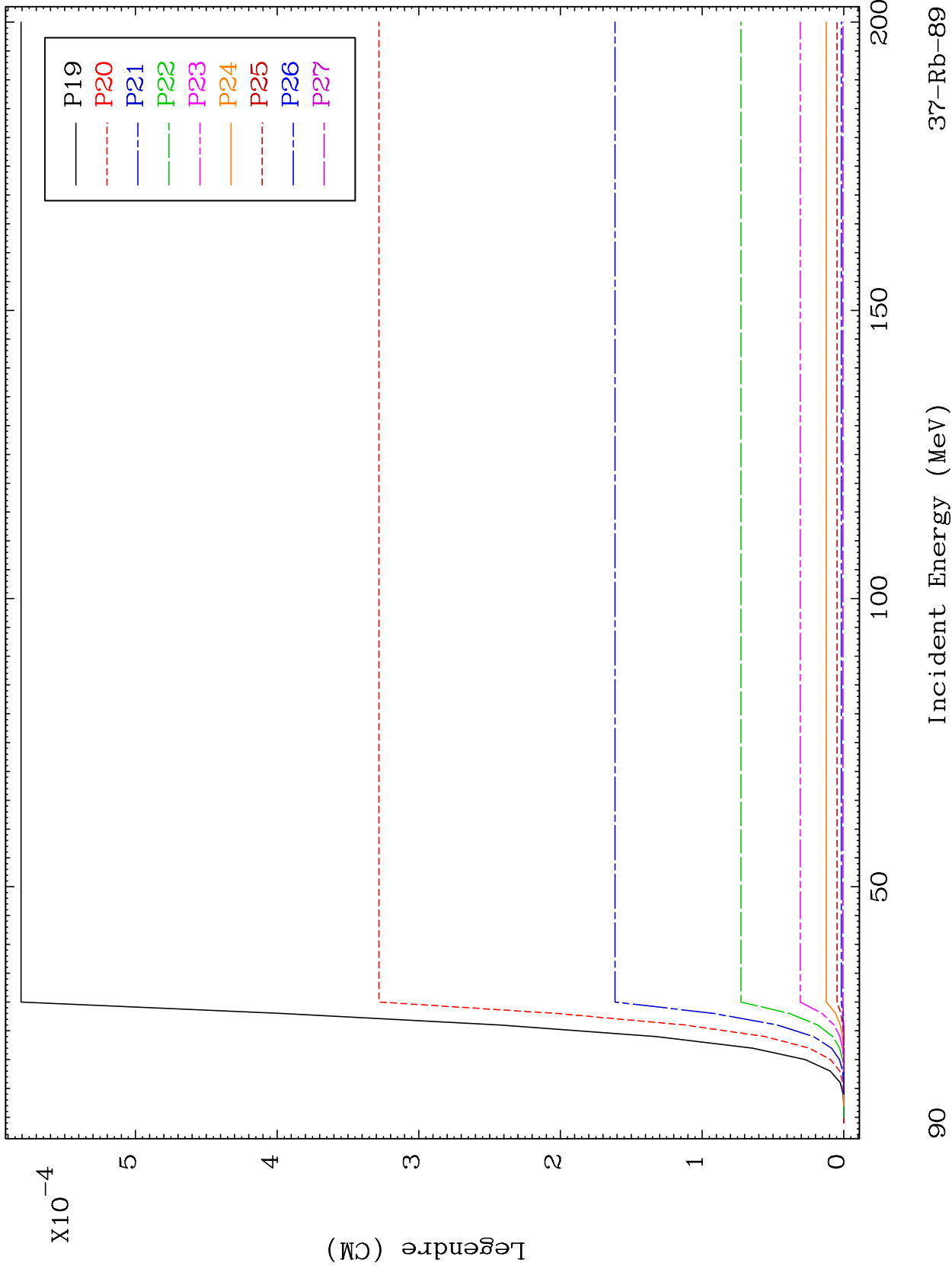
88



MAT 3737

2.141 MeV (n,n') Level
Legendre Coefficients

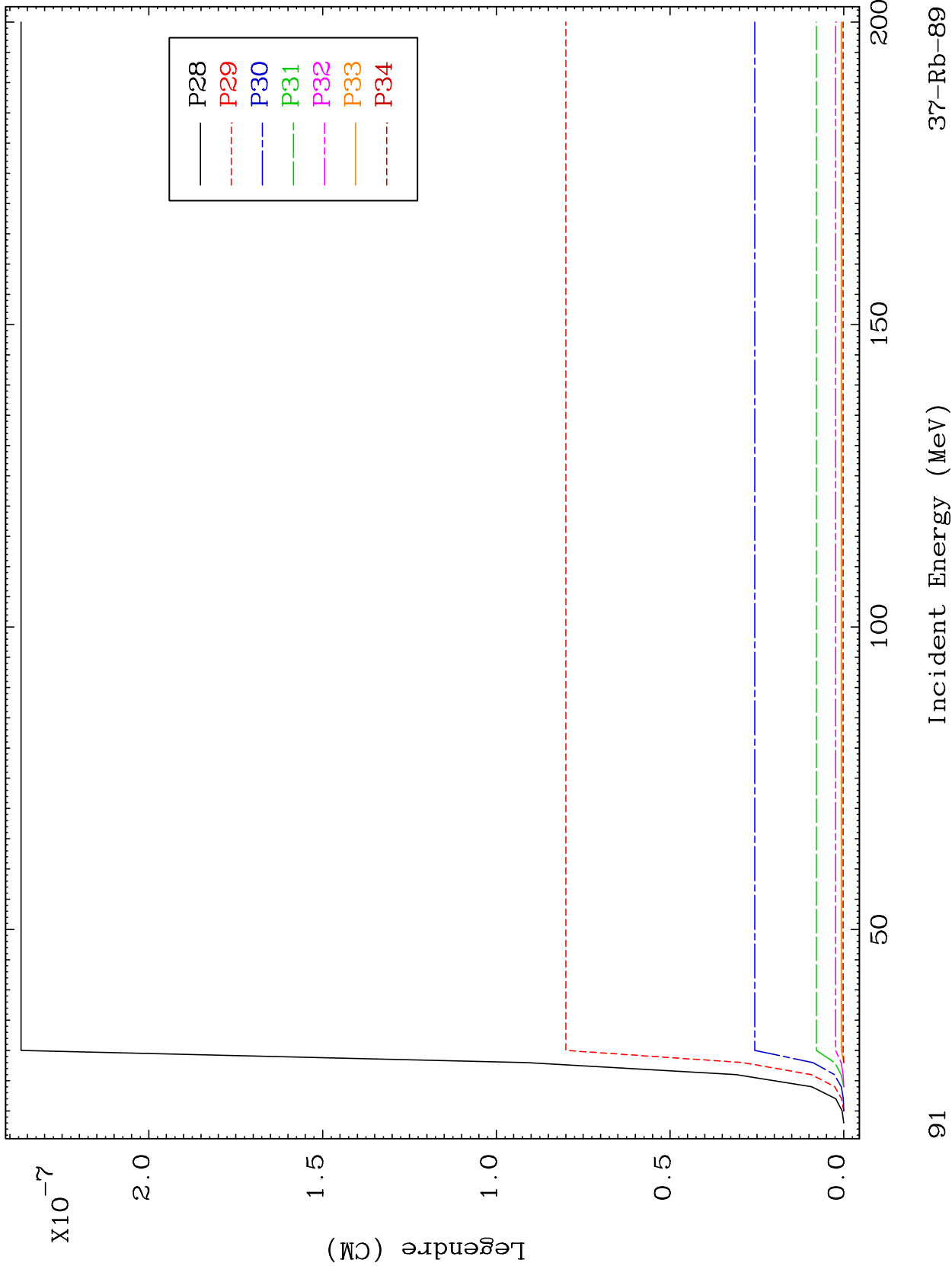
37-Rb-89



90

Incident Energy (MeV)

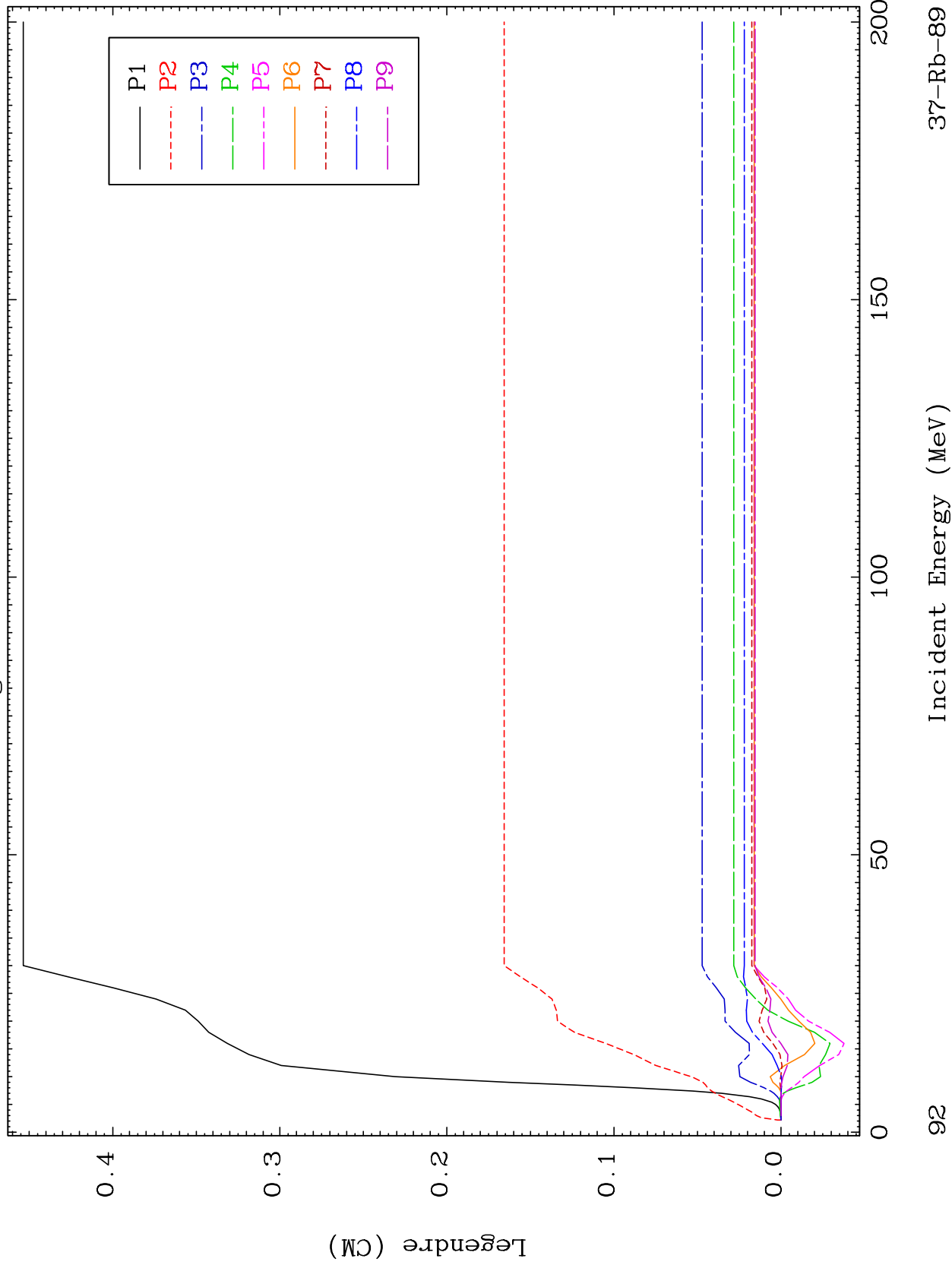
37-Rb-89



MAT 3737

2.160 MeV (n,n') Level
Legendre Coefficients

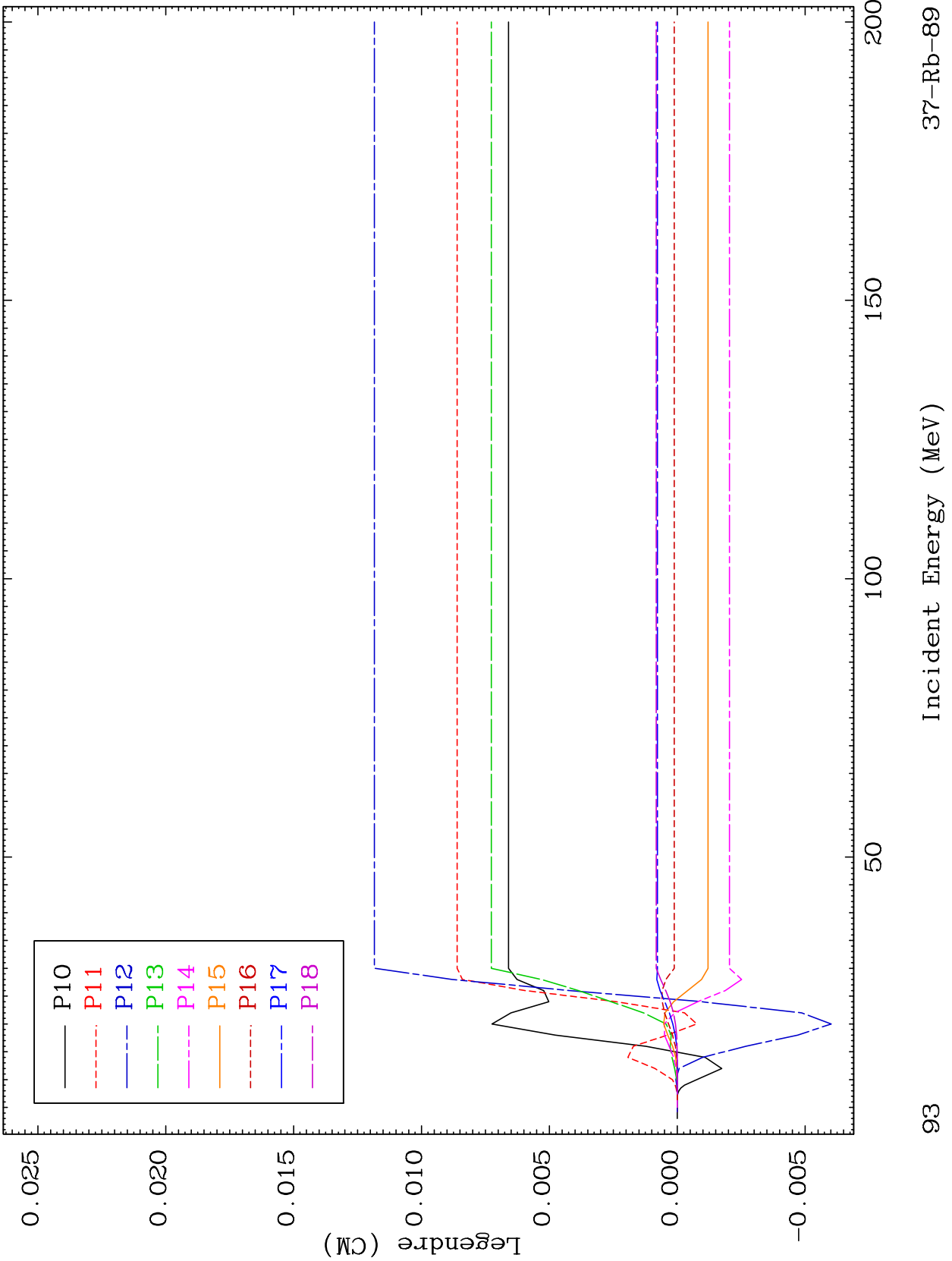
37-Rb-89



92

Incident Energy (MeV)

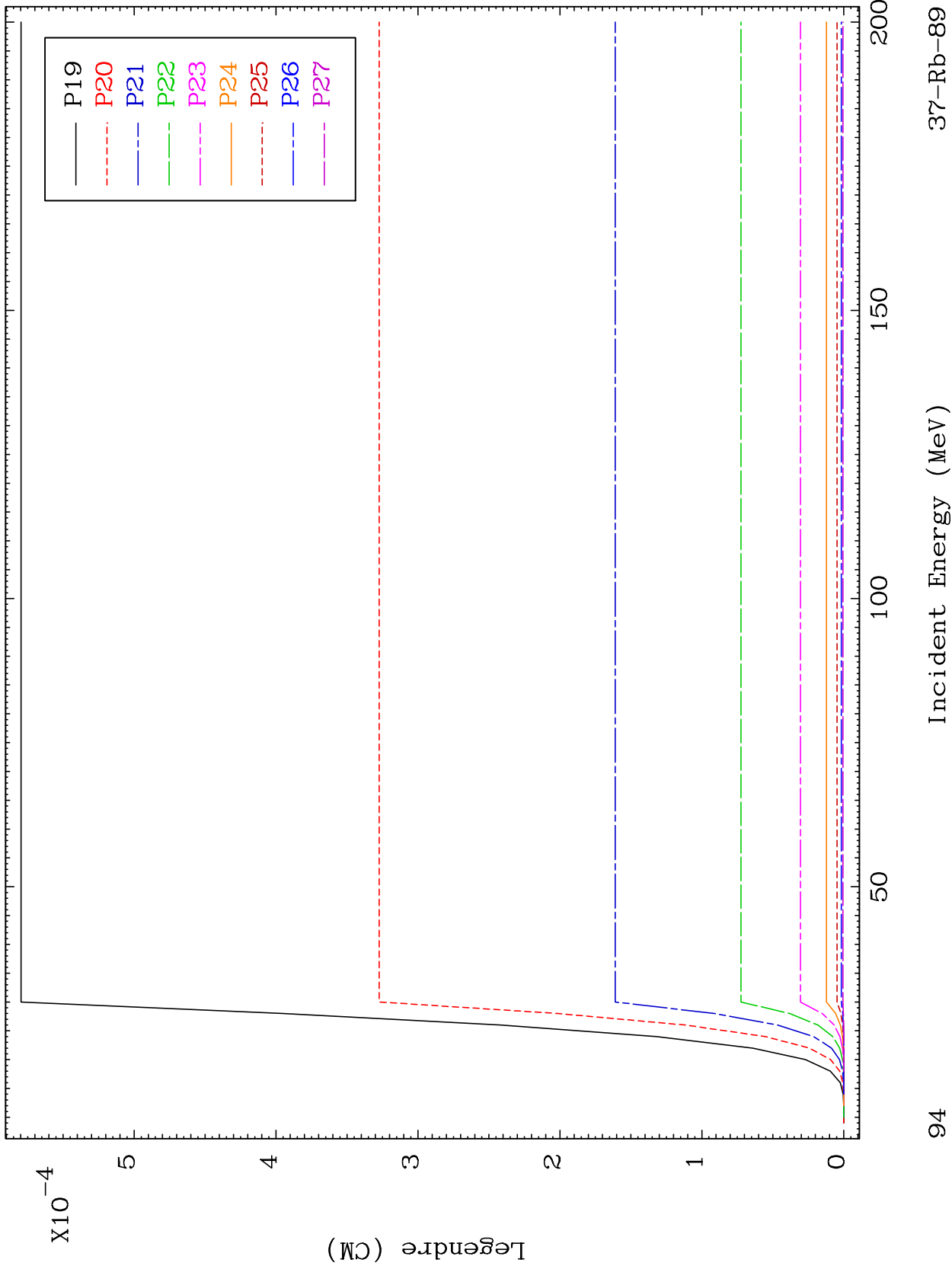
37-Rb-89



MAT 3737

2.160 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



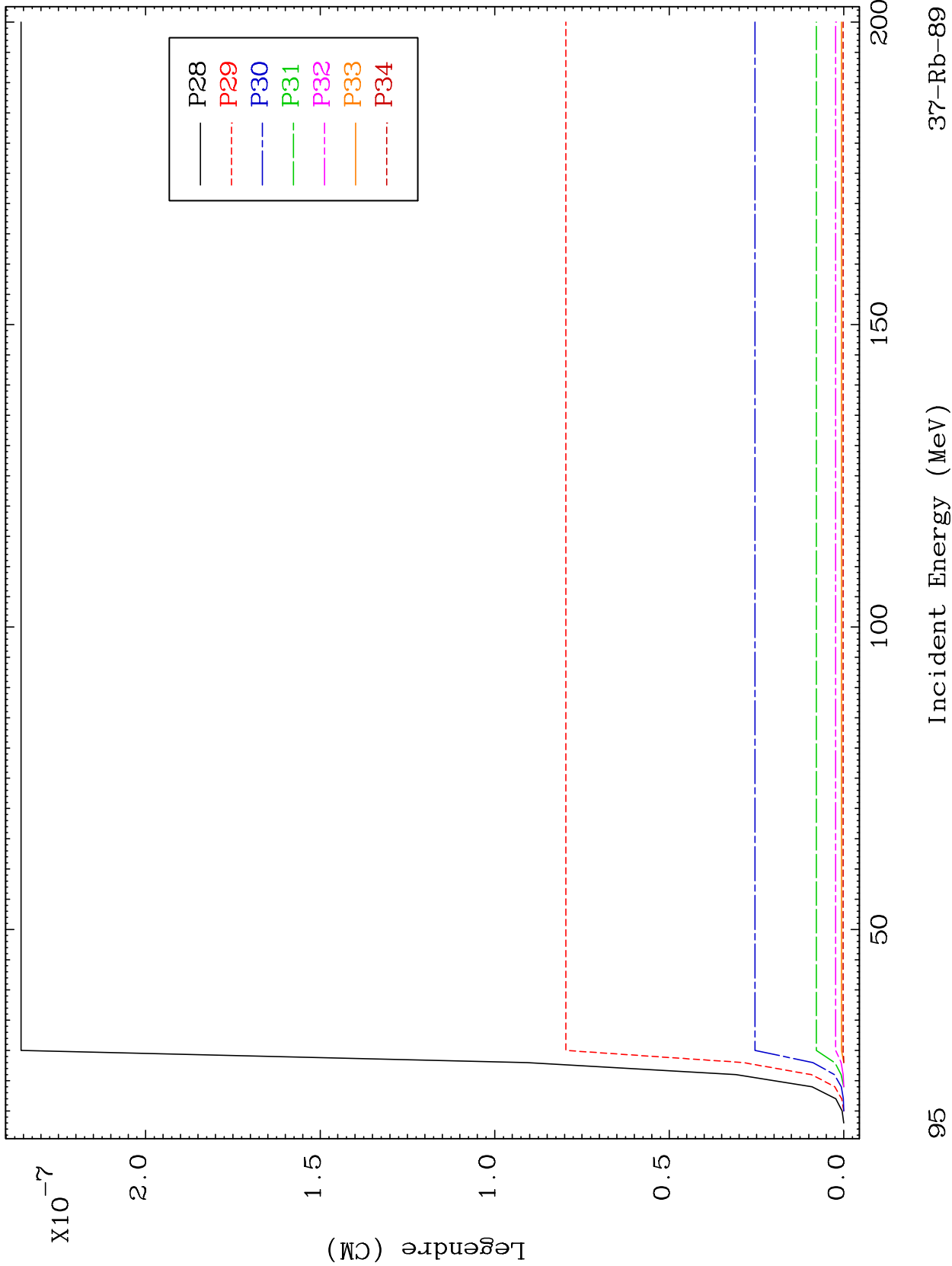
94

37-Rb-89

MAT 3737

2.160 MeV (n, n') Level
Legendre Coefficients

37-Rb-89



95

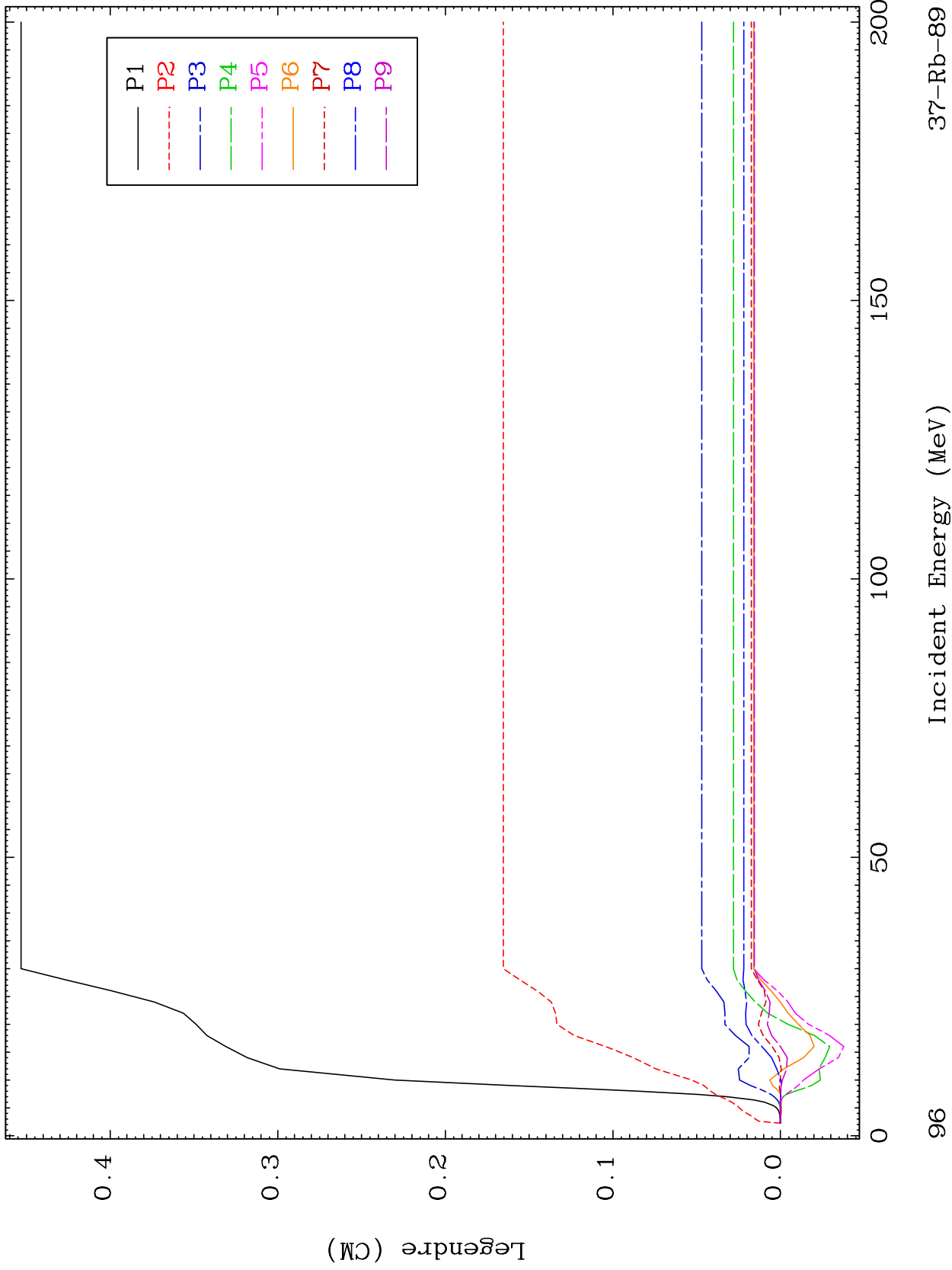
Incident Energy (MeV)

37-Rb-89

MAT 3737

2.219 MeV (n,n') Level
Legendre Coefficients

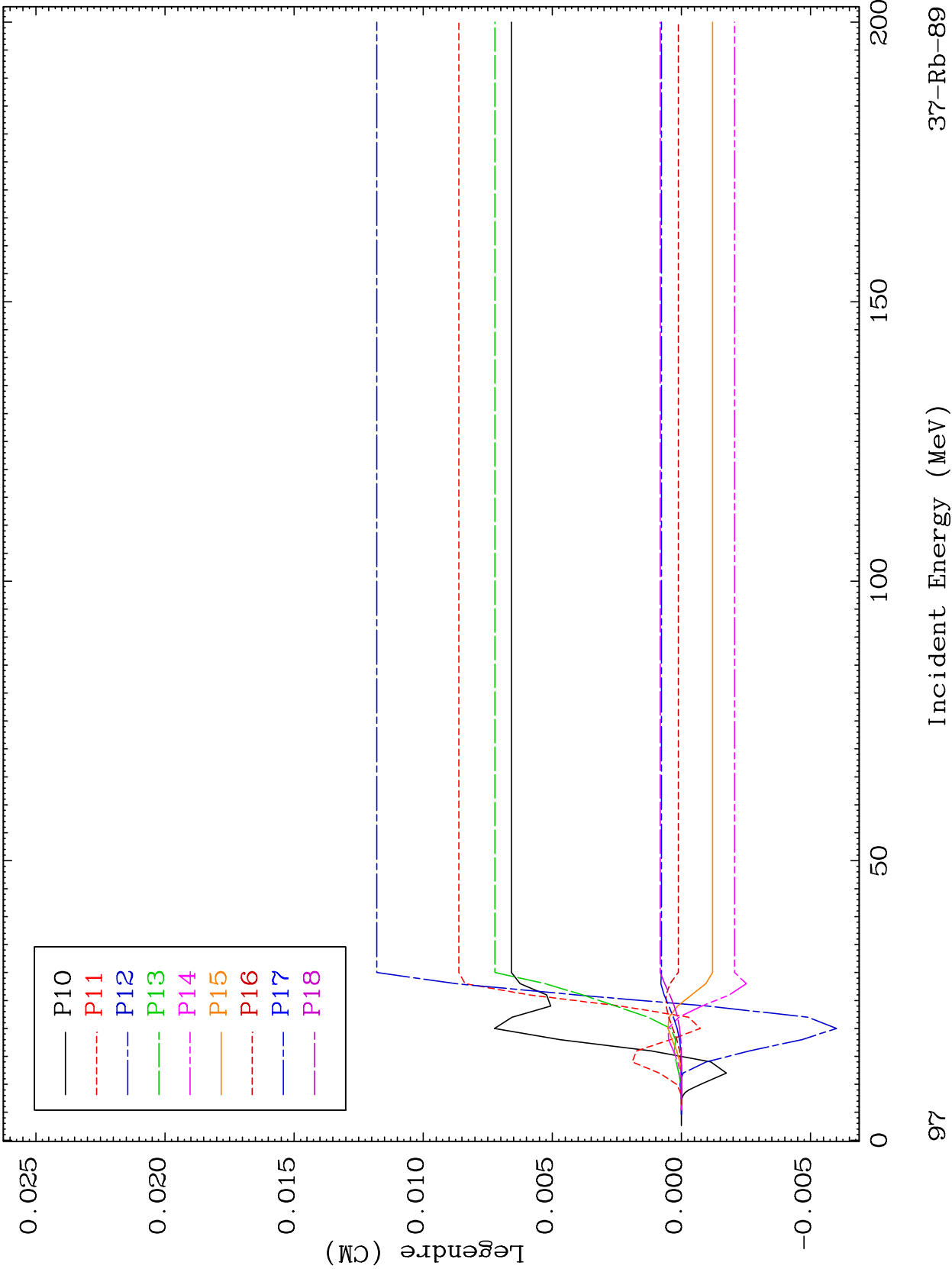
37-Rb-89



96

Incident Energy (MeV)

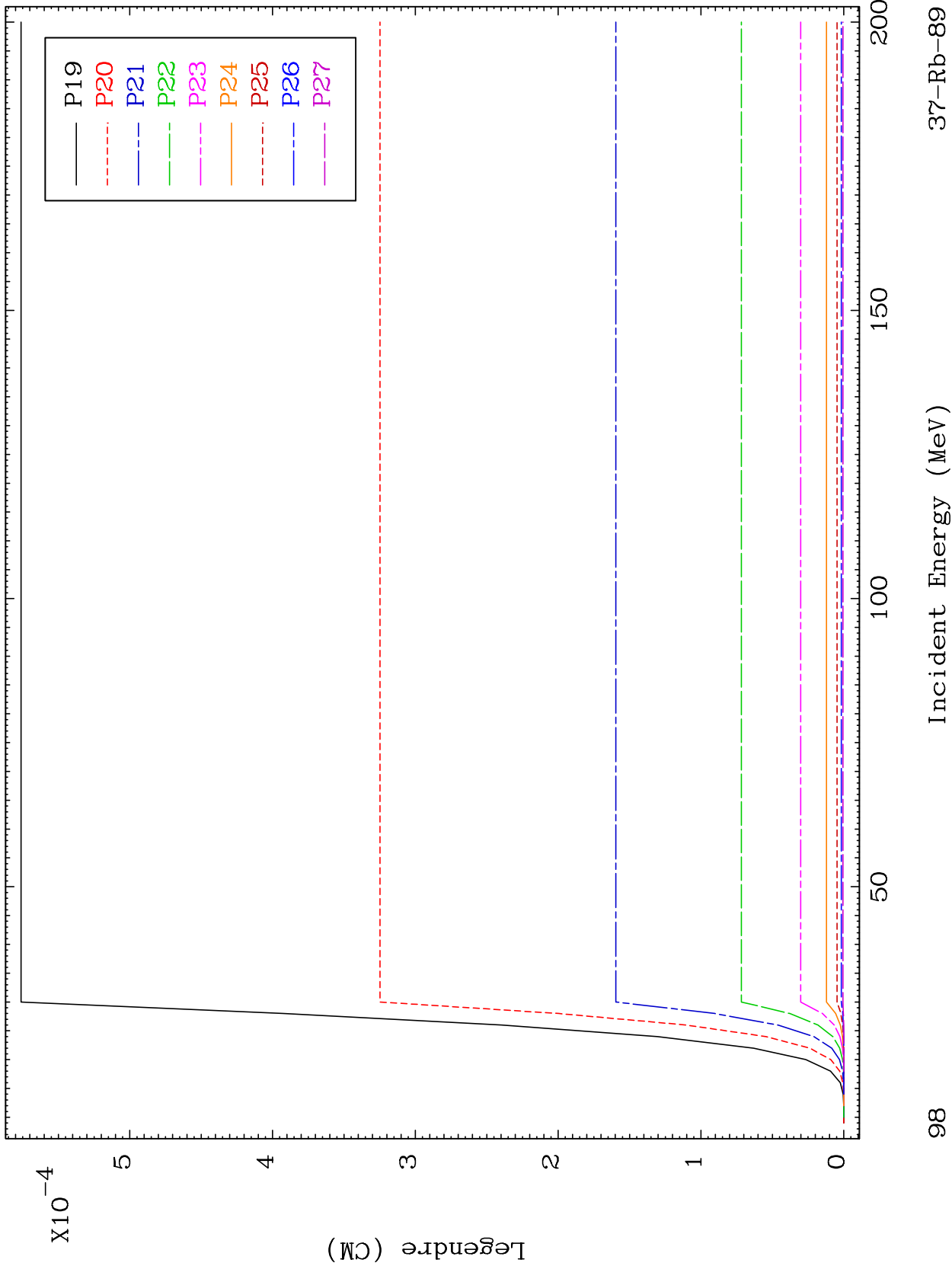
37-Rb-89



MAT 3737

2.219 MeV (n,n') Level
Legendre Coefficients

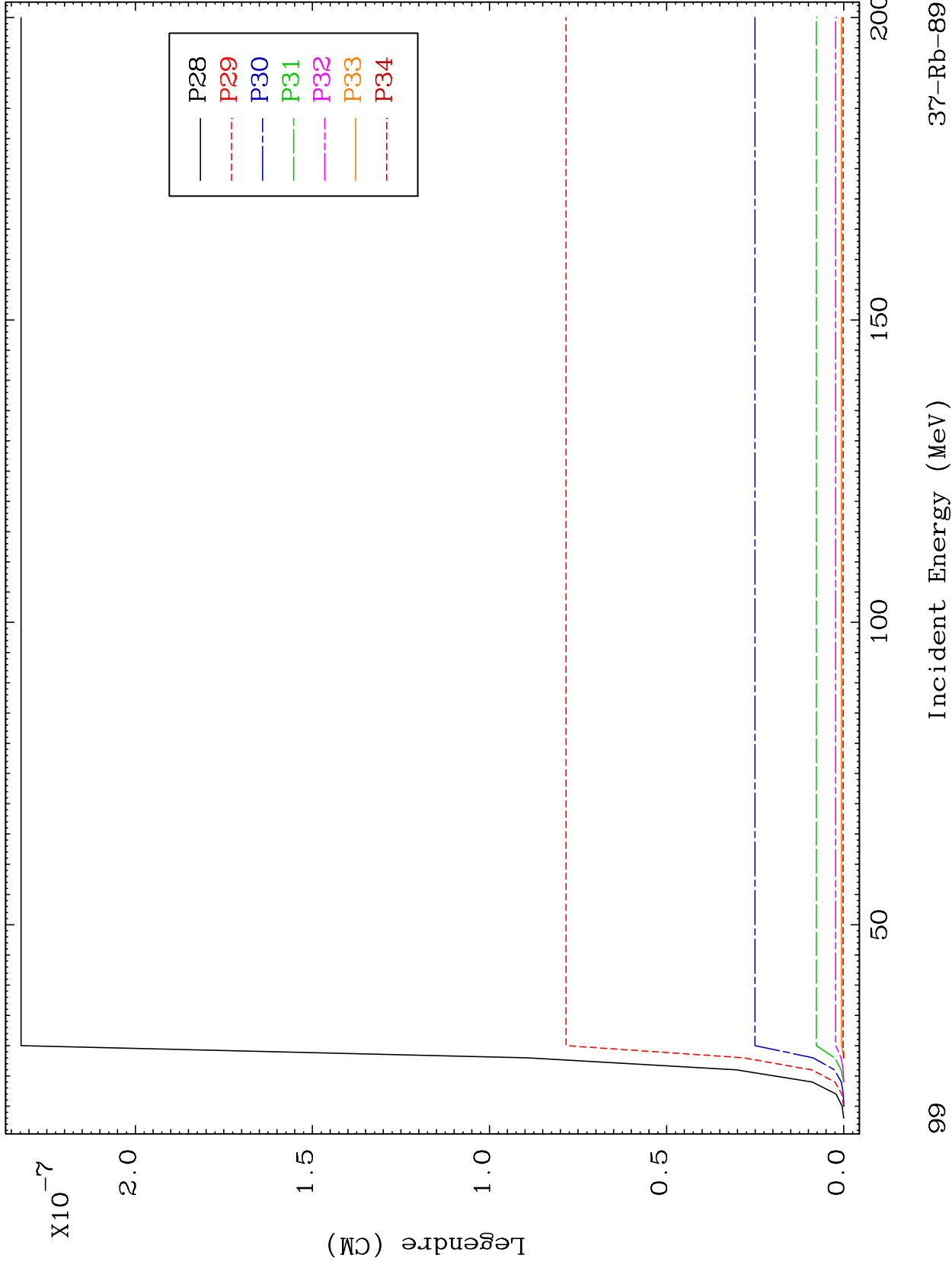
37-Rb-89



MAT 3737

2.219 MeV (n, n') Level
Legendre Coefficients

37-Rb-89



99

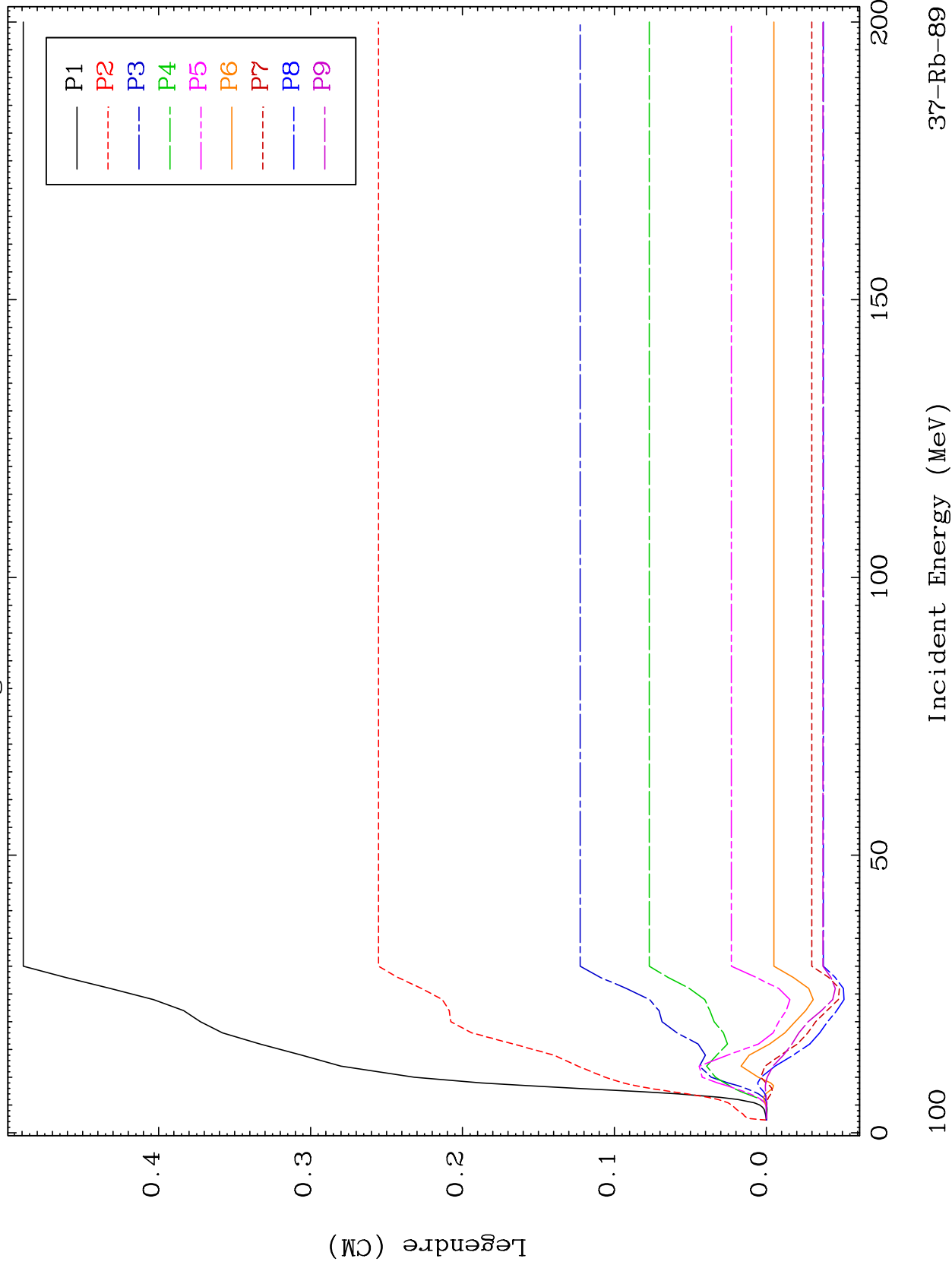
Incident Energy (MeV)

37-Rb-89

MAT 3737

2.270 MeV (n,n') Level
Legendre Coefficients

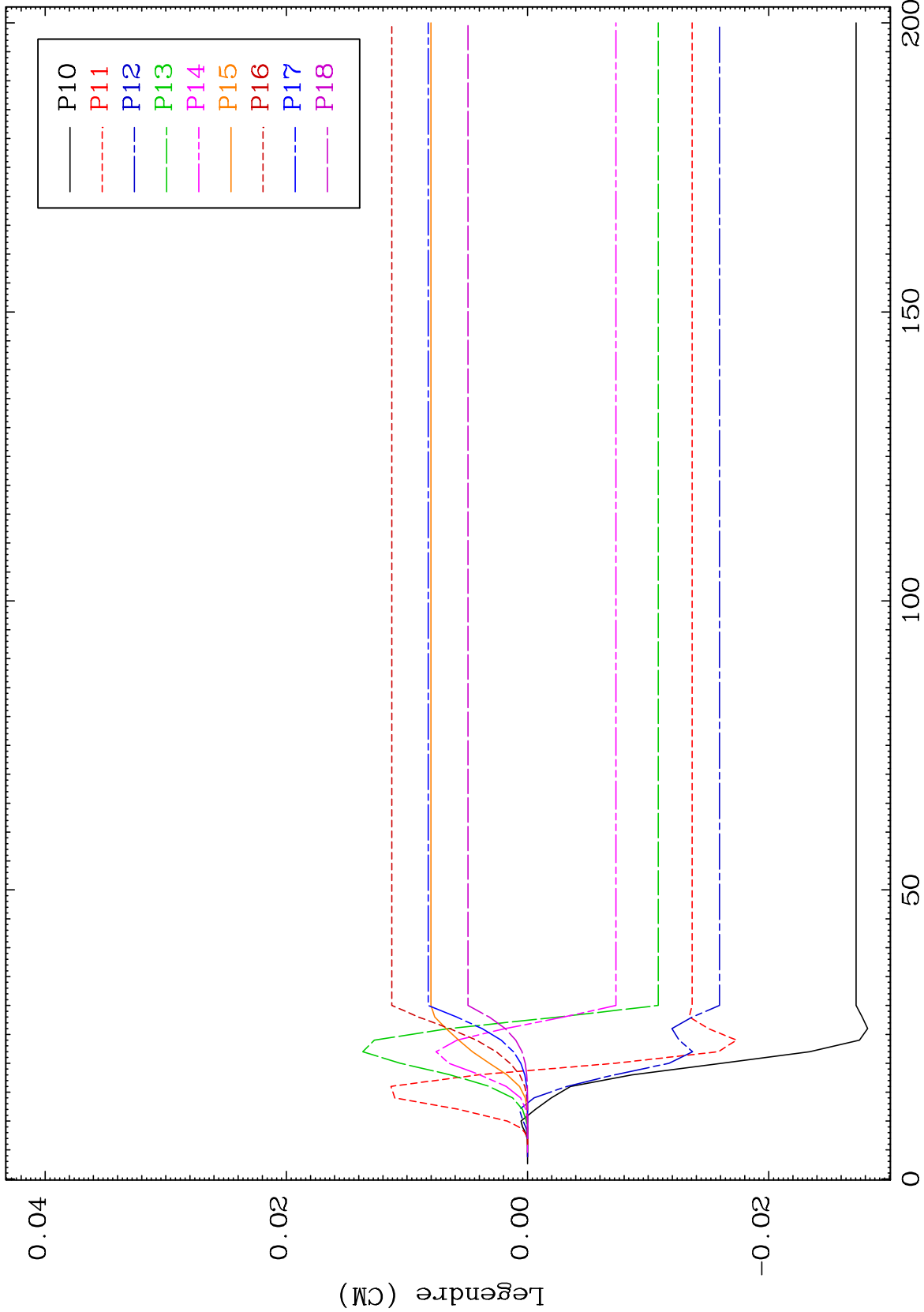
37-Rb-89



MAT 3737

2.270 MeV (n,n') Level
Legendre Coefficients

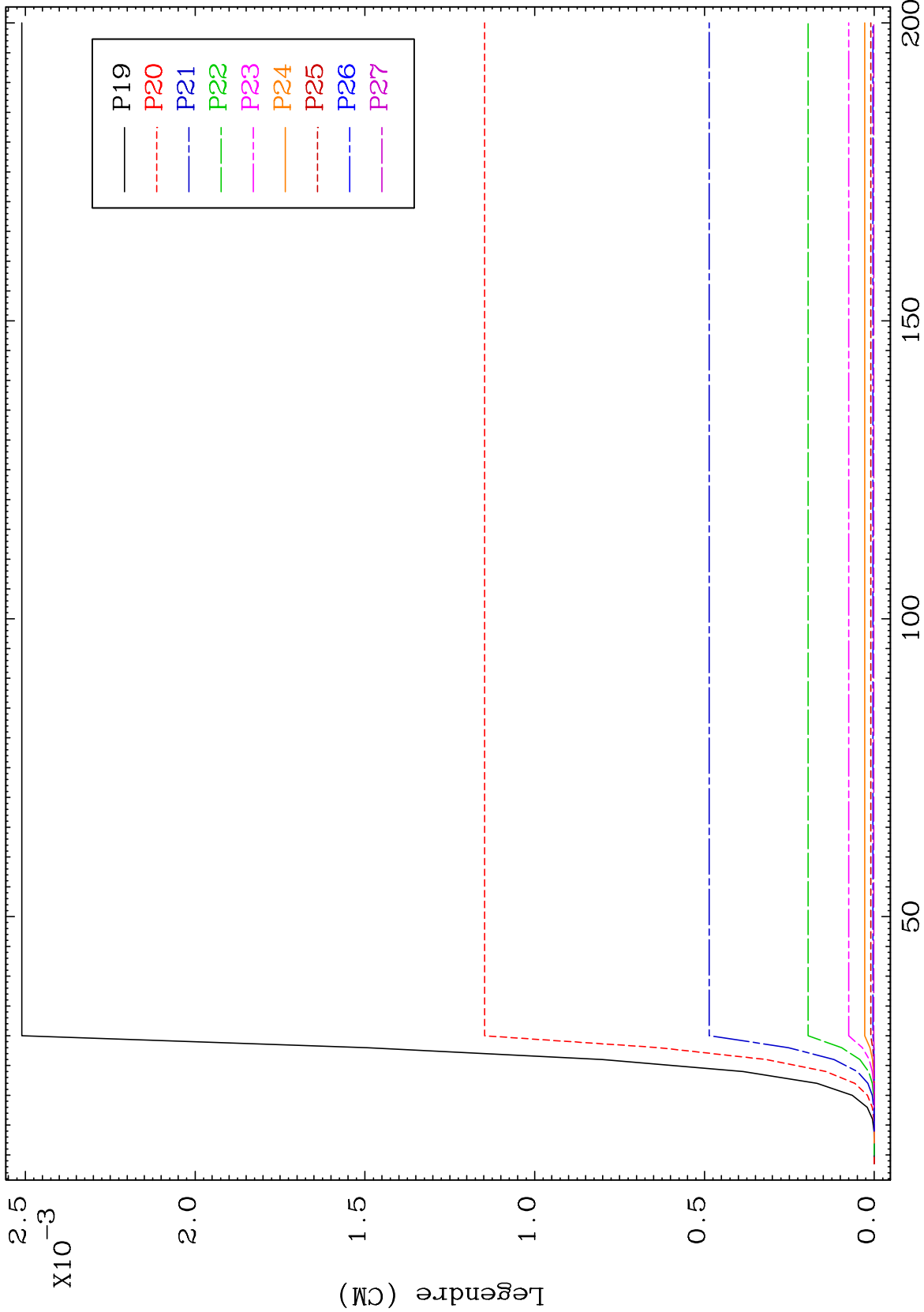
37-Rb-89



101

Incident Energy (MeV)

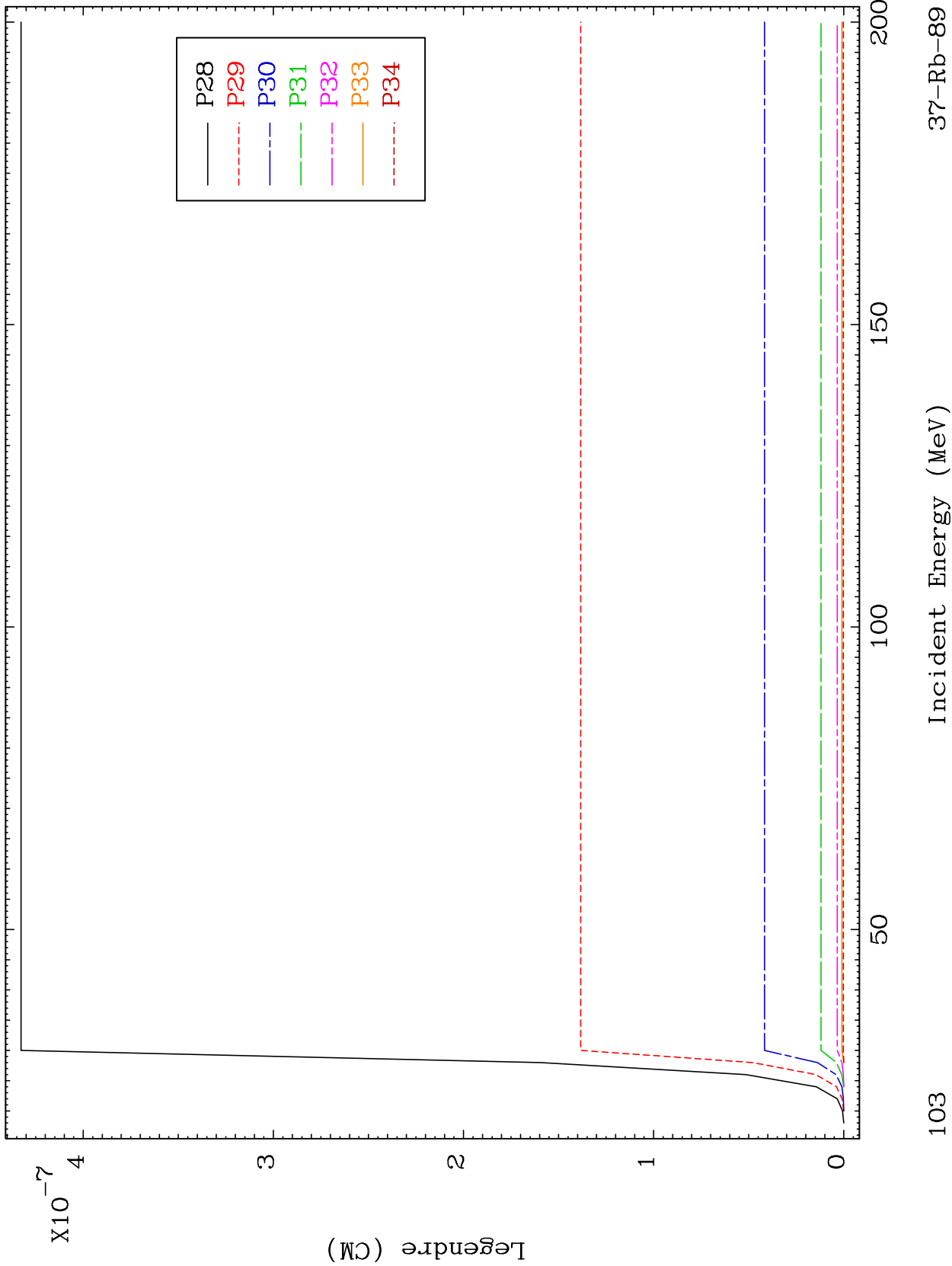
37-Rb-89



MAT 3737

2.270 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



103

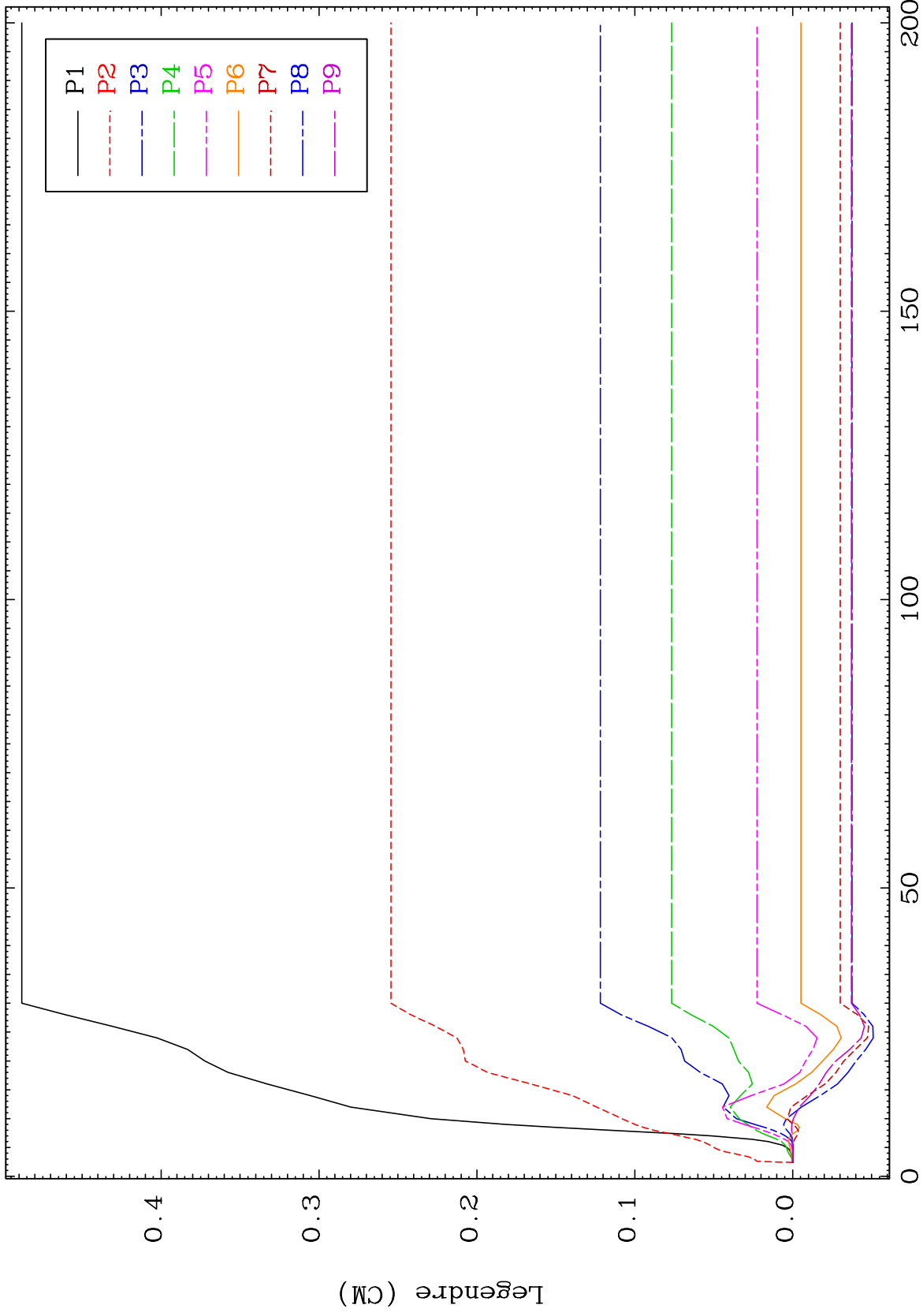
Incident Energy (MeV)

37-Rb-89

MAT 3737

2.365 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



104

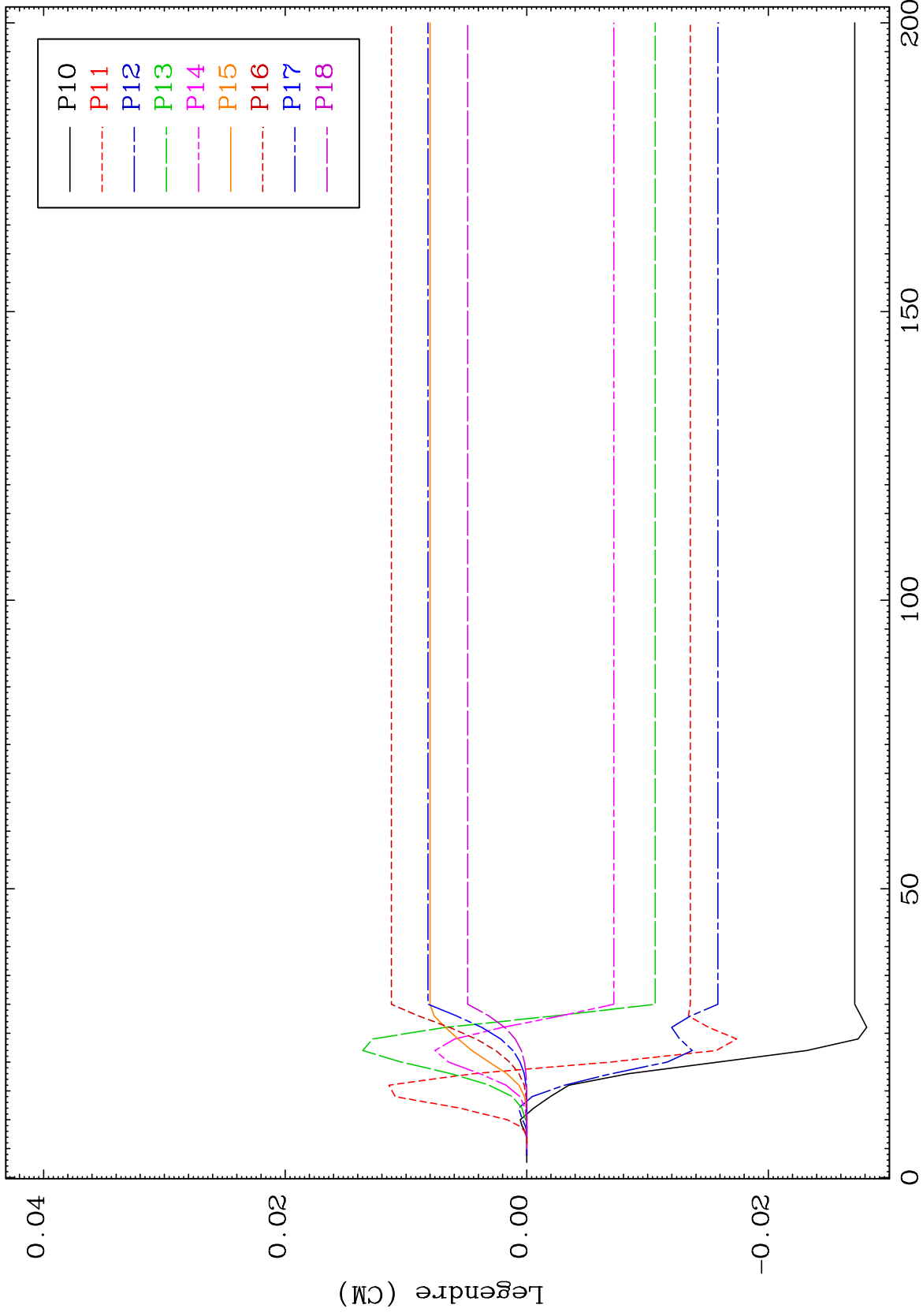
Incident Energy (MeV)

37-Rb-89

MAT 3737

2.365 MeV (n,n') Level
Legendre Coefficients

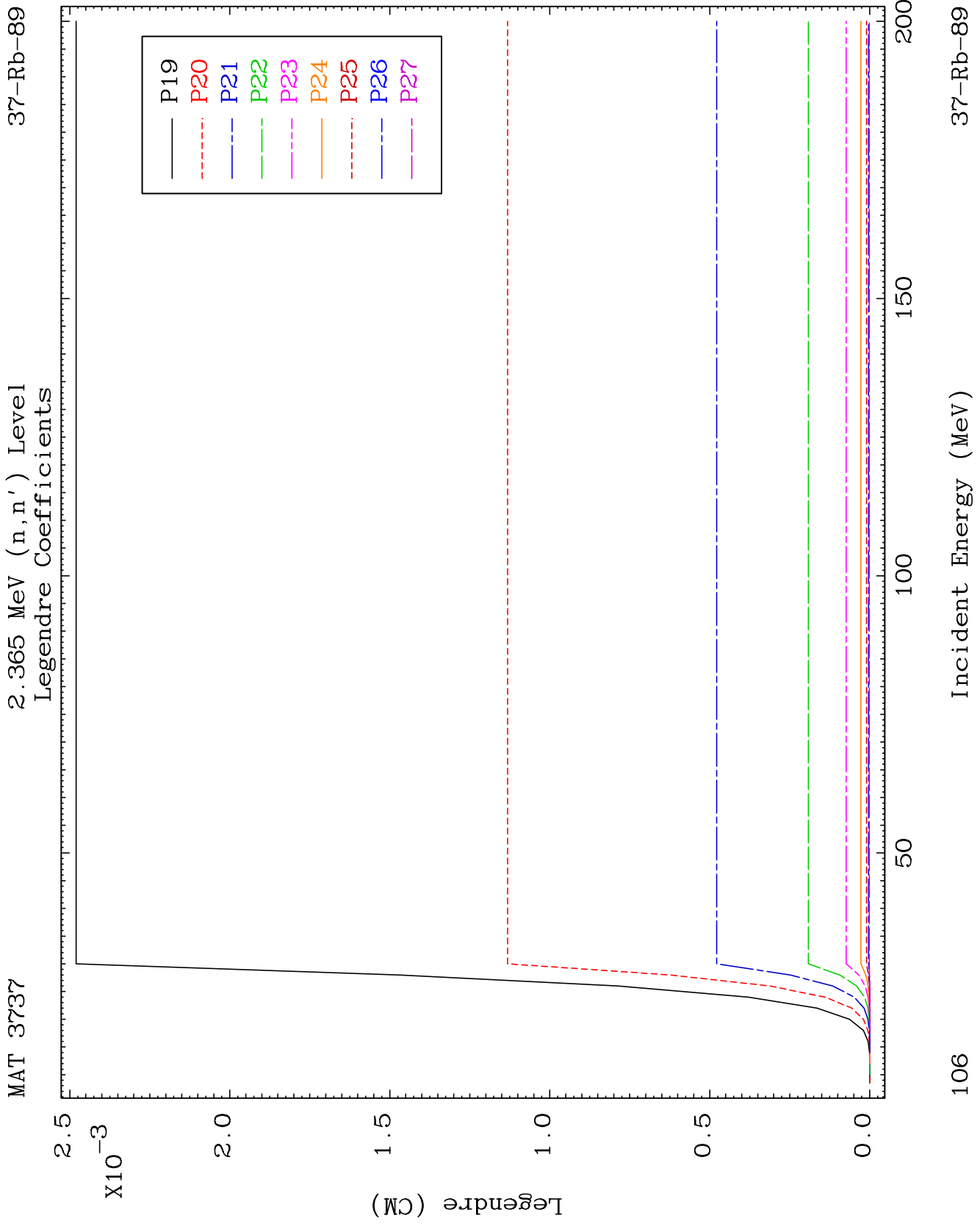
37-Rb-89



105

Incident Energy (MeV)

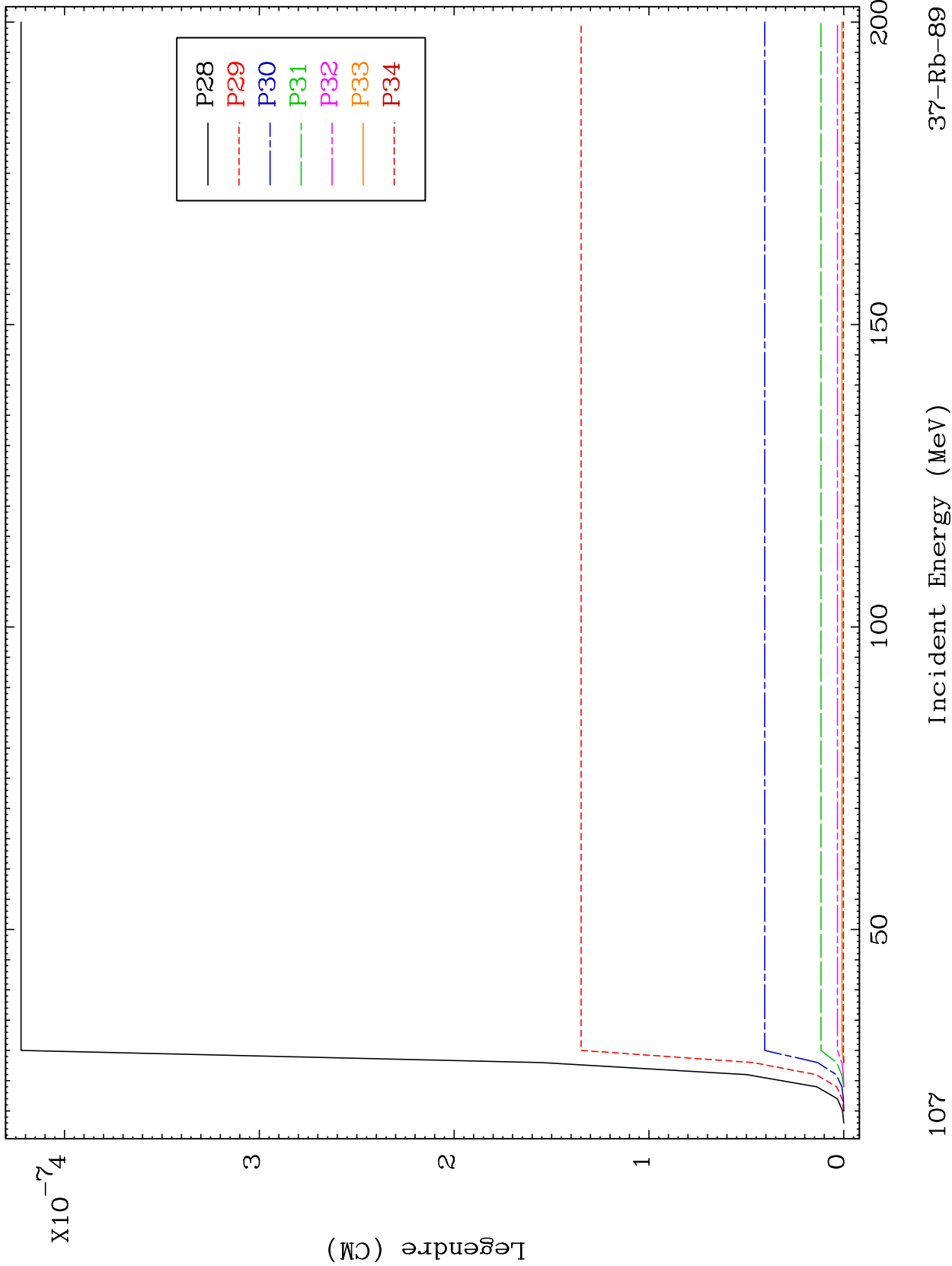
37-Rb-89

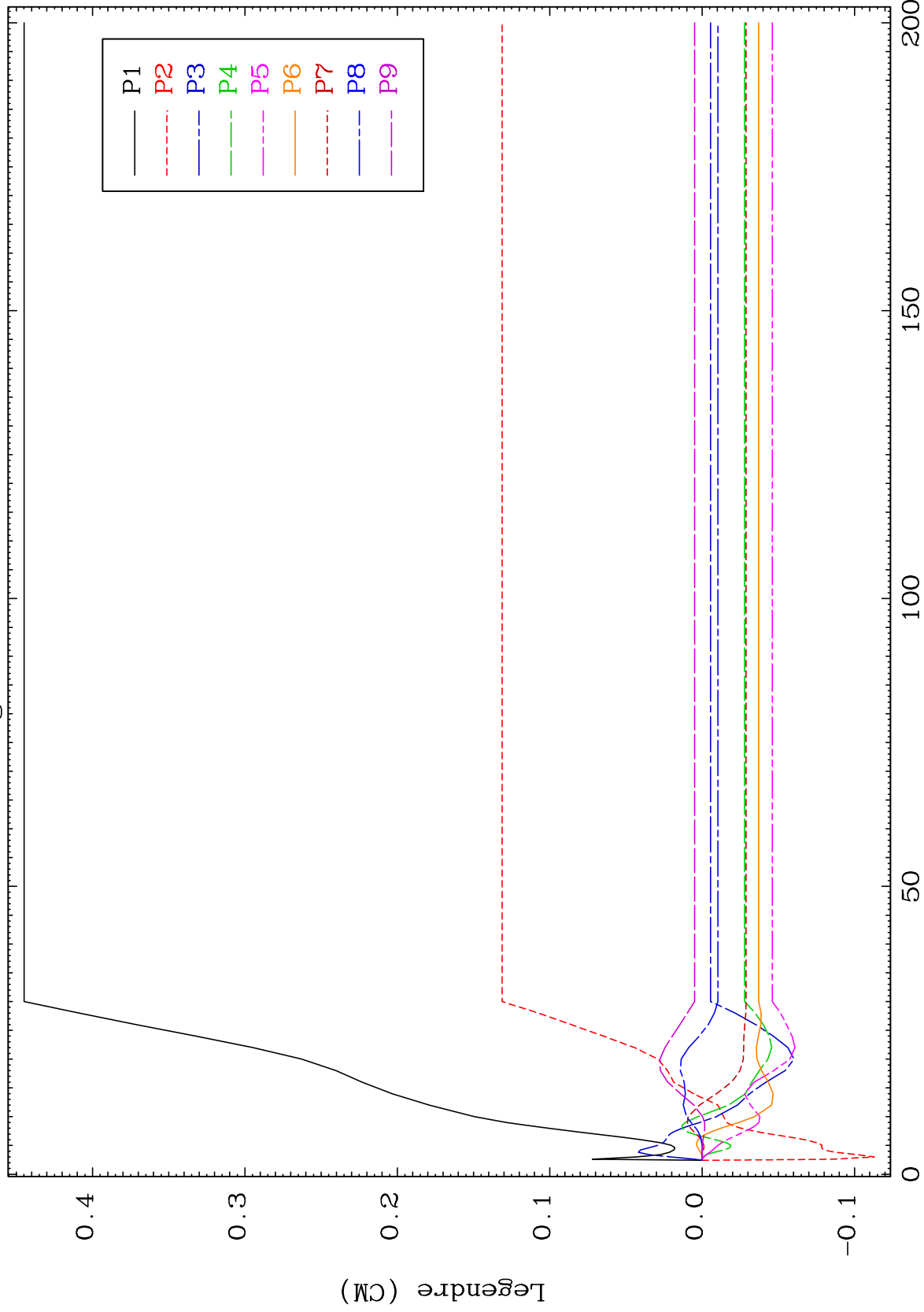


MAT 3737

2.365 MeV (n, n') Level
Legendre Coefficients

37-Rb-89

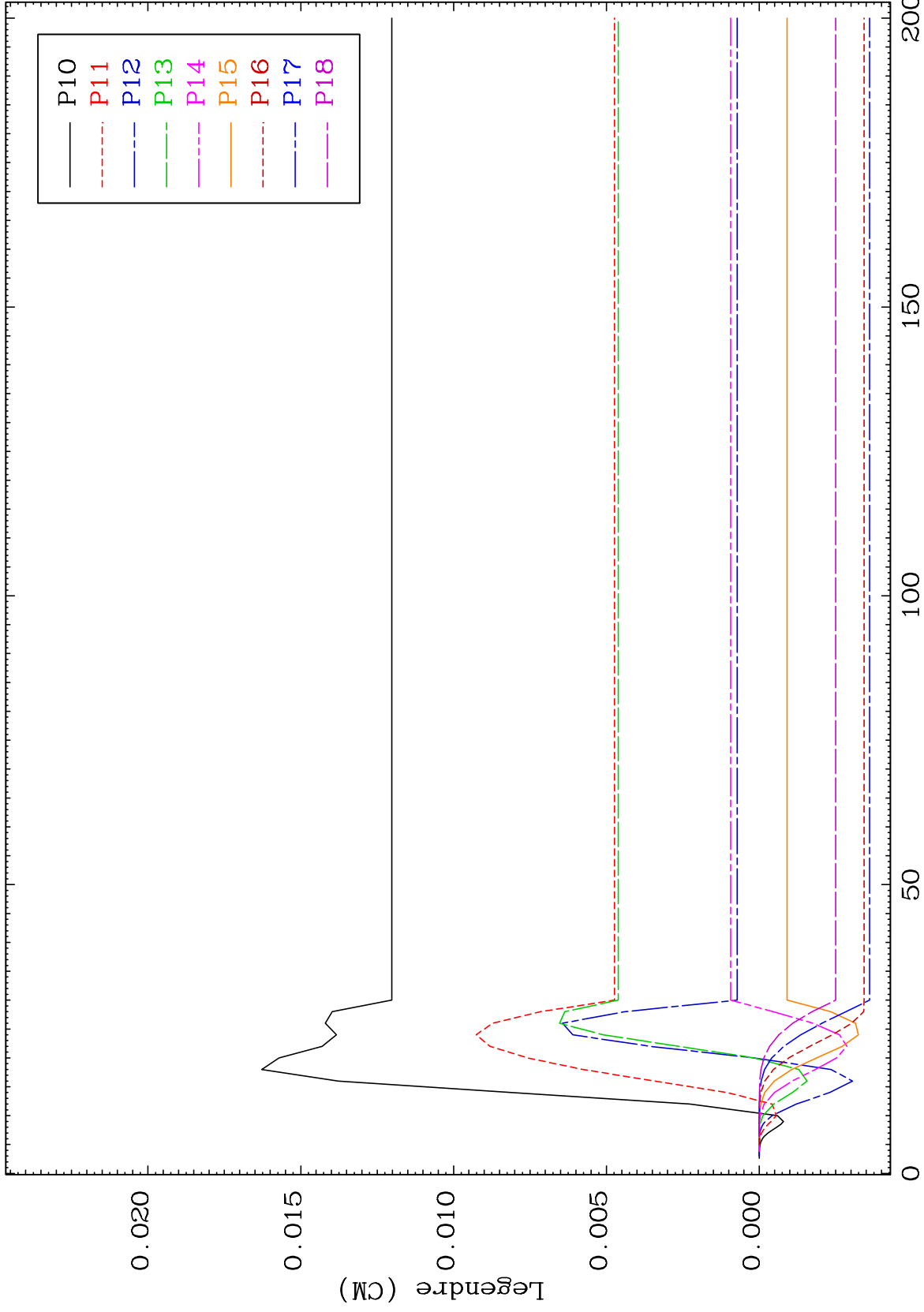




MAT 3737

2.388 MeV (n,n') Level
Legendre Coefficients

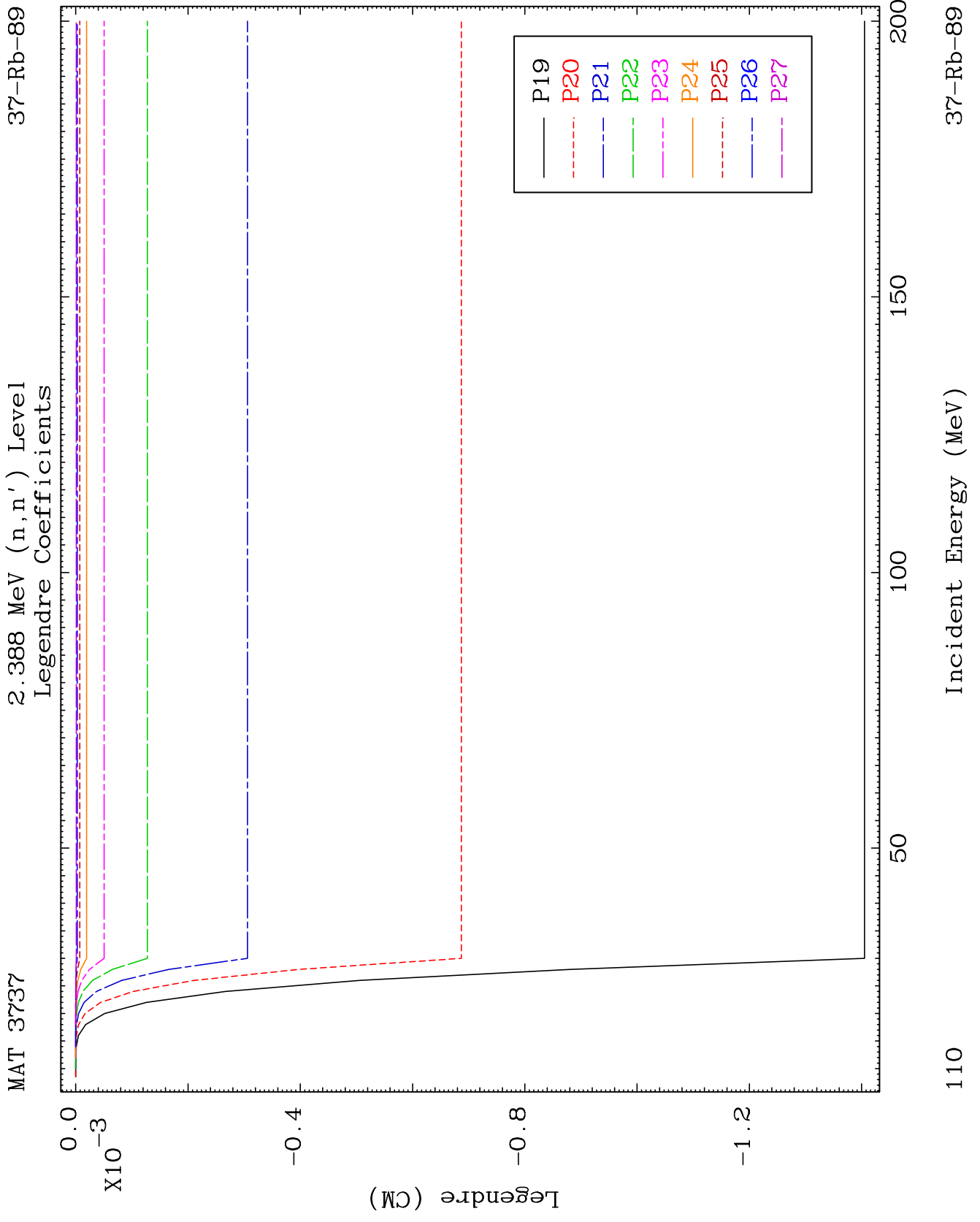
37-Rb-89

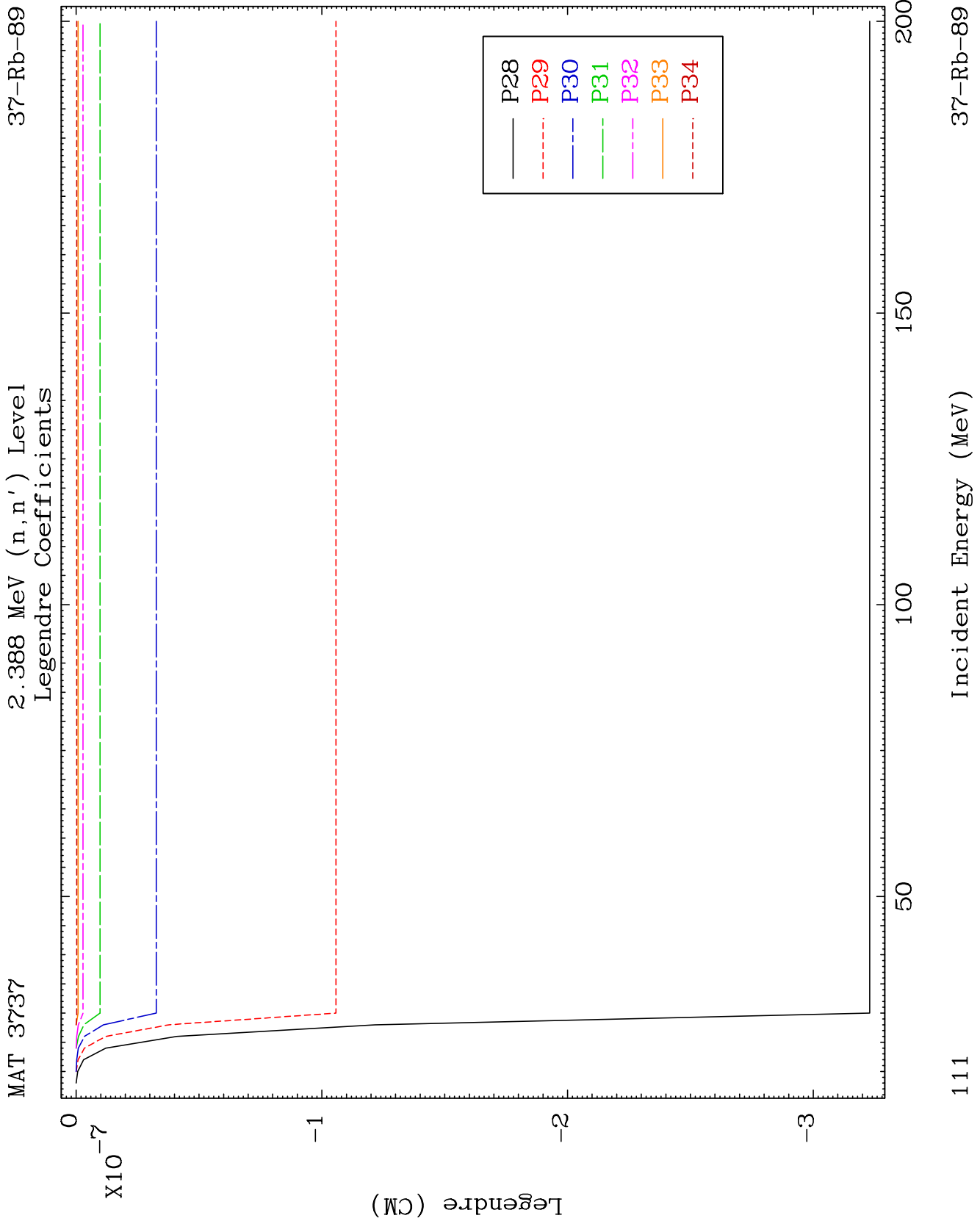


109

Incident Energy (MeV)

37-Rb-89

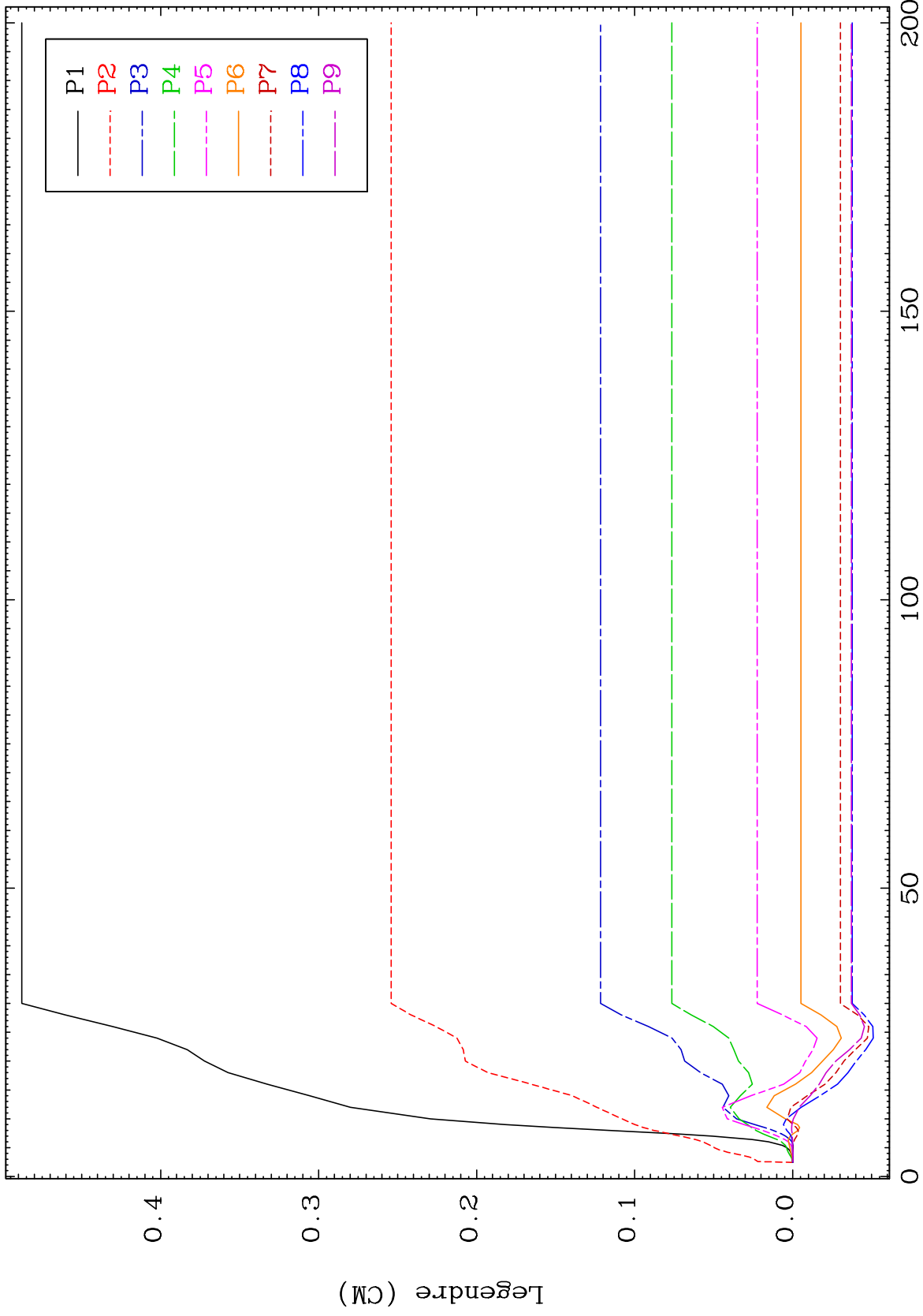




MAT 3737

2.401 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



112

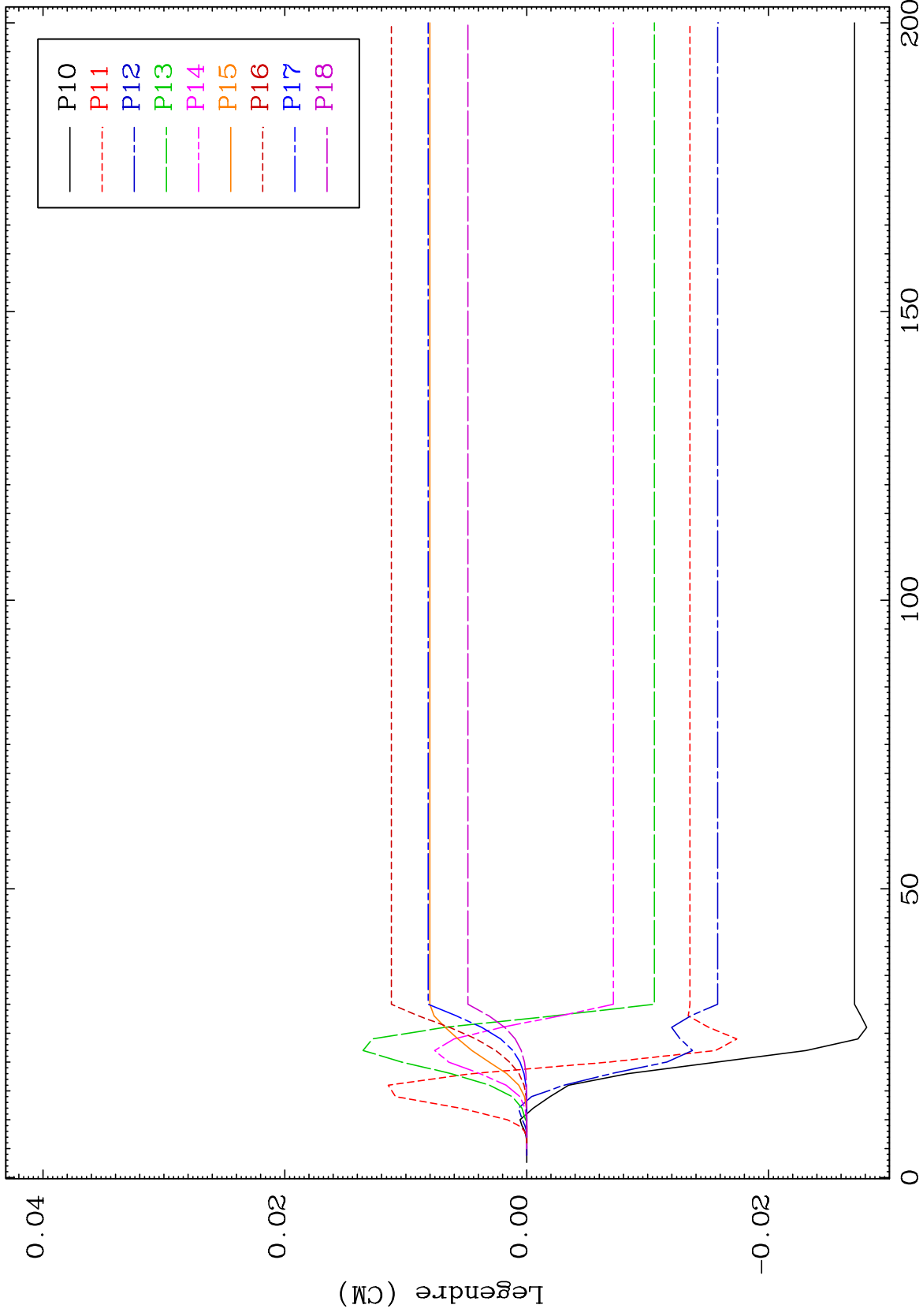
Incident Energy (MeV)

37-Rb-89

MAT 3737

2.401 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



113

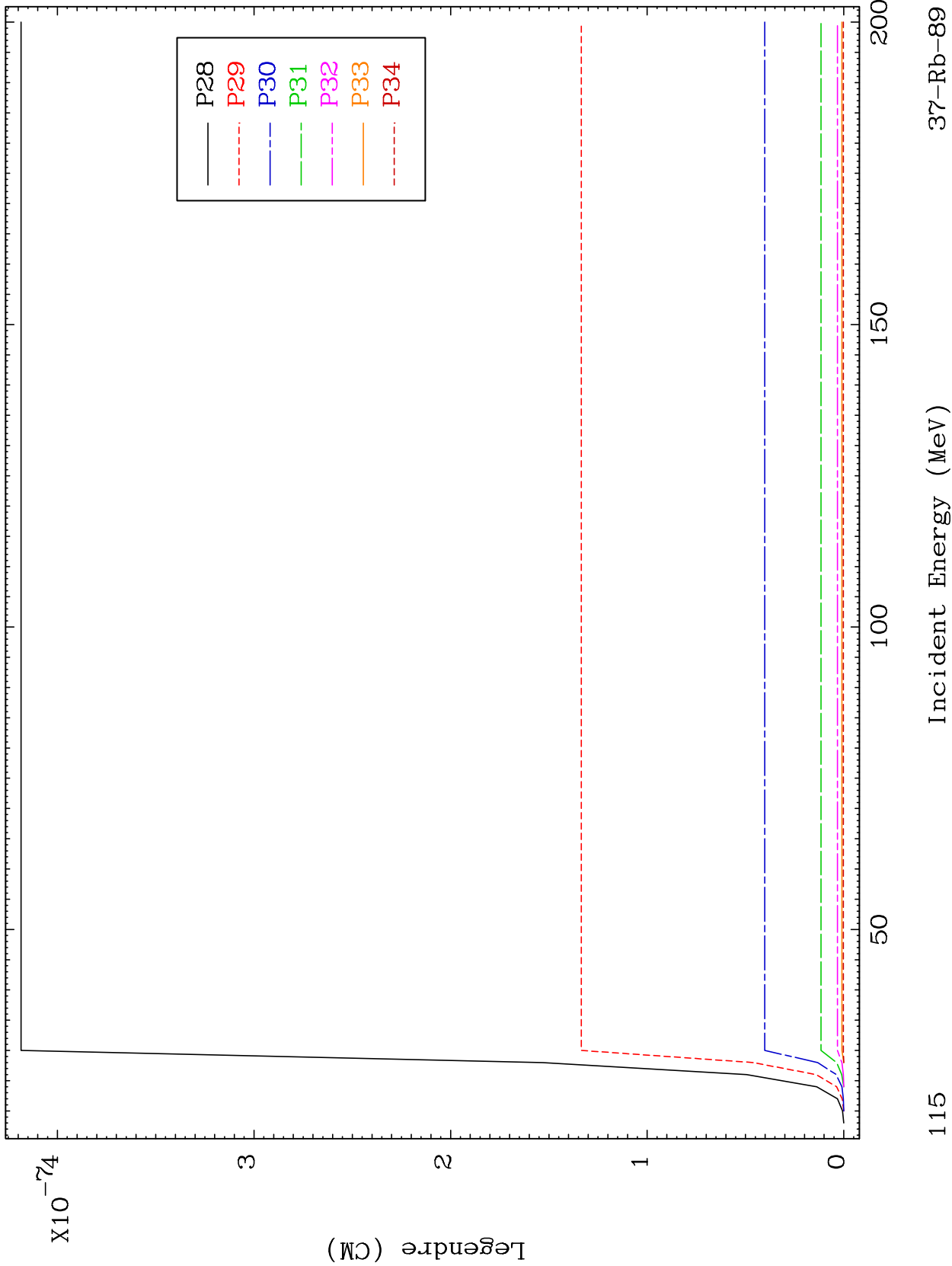
Incident Energy (MeV)

37-Rb-89

MAT 3737

2.401 MeV (n, n') Level
Legendre Coefficients

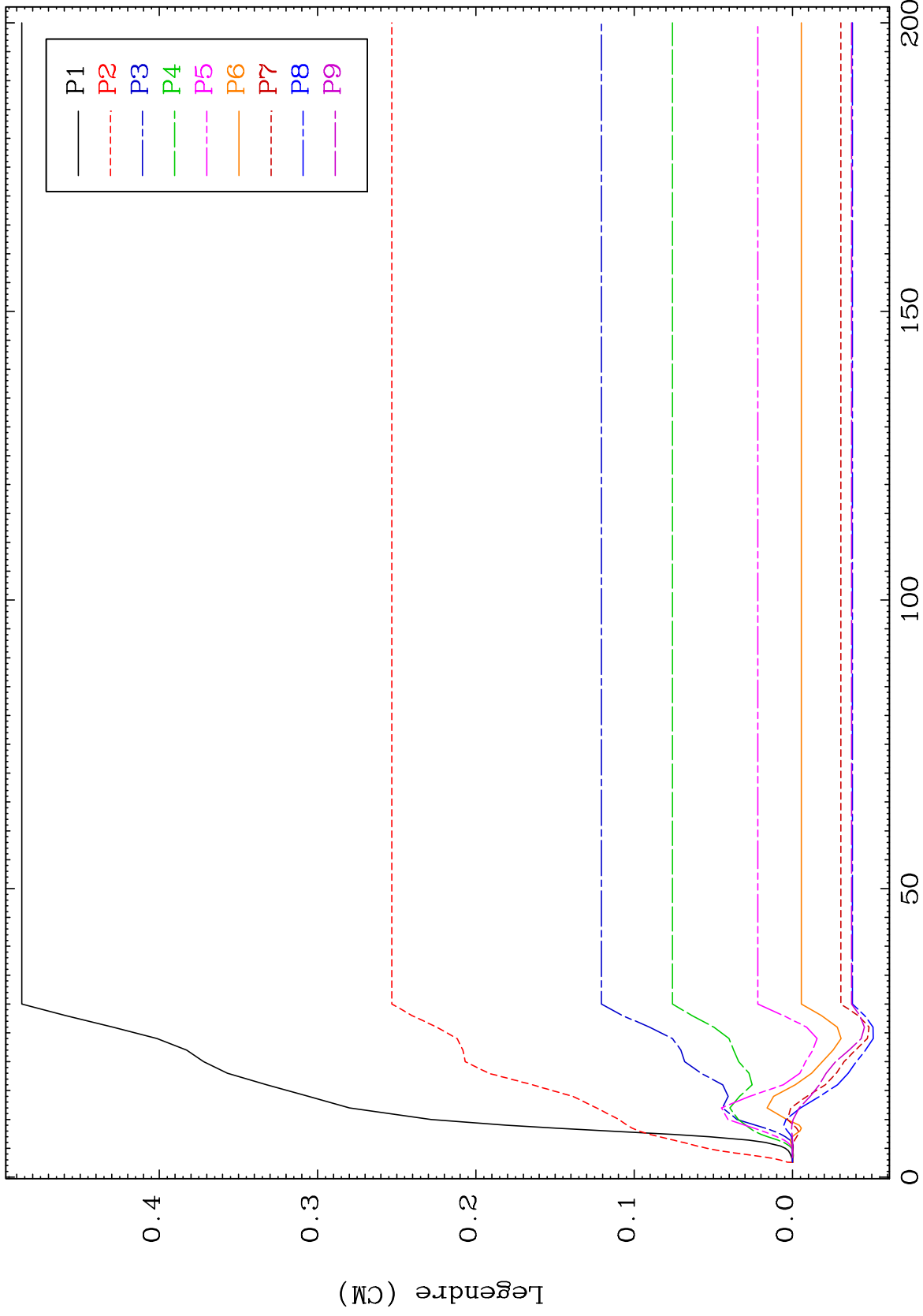
37-Rb-89



MAT 3737

2.512 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



116

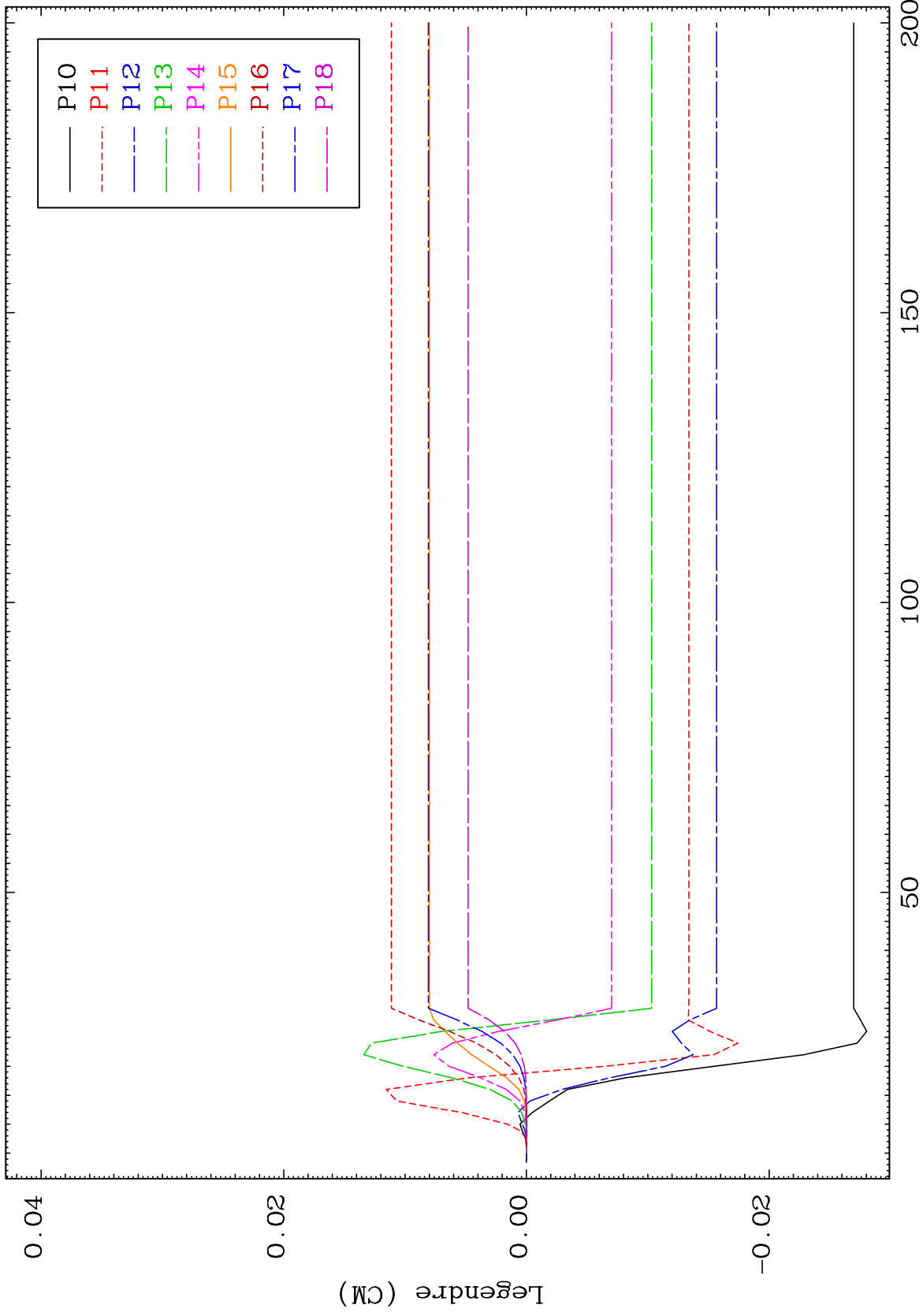
Incident Energy (MeV)

37-Rb-89

MAT 3737

2.512 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



117

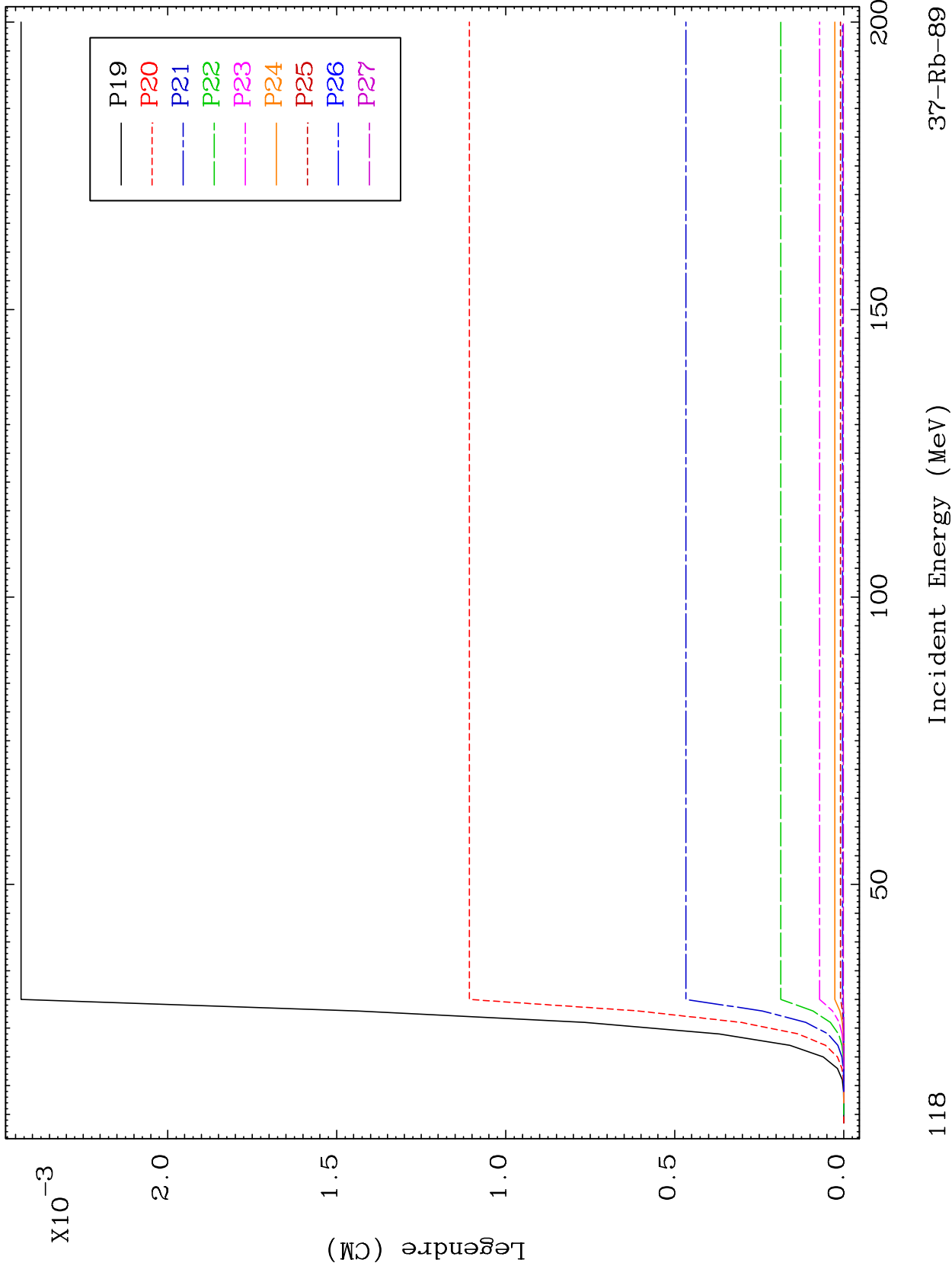
Incident Energy (MeV)

37-Rb-89

MAT 3737

2.512 MeV (n, n') Level
Legendre Coefficients

37-Rb-89



118

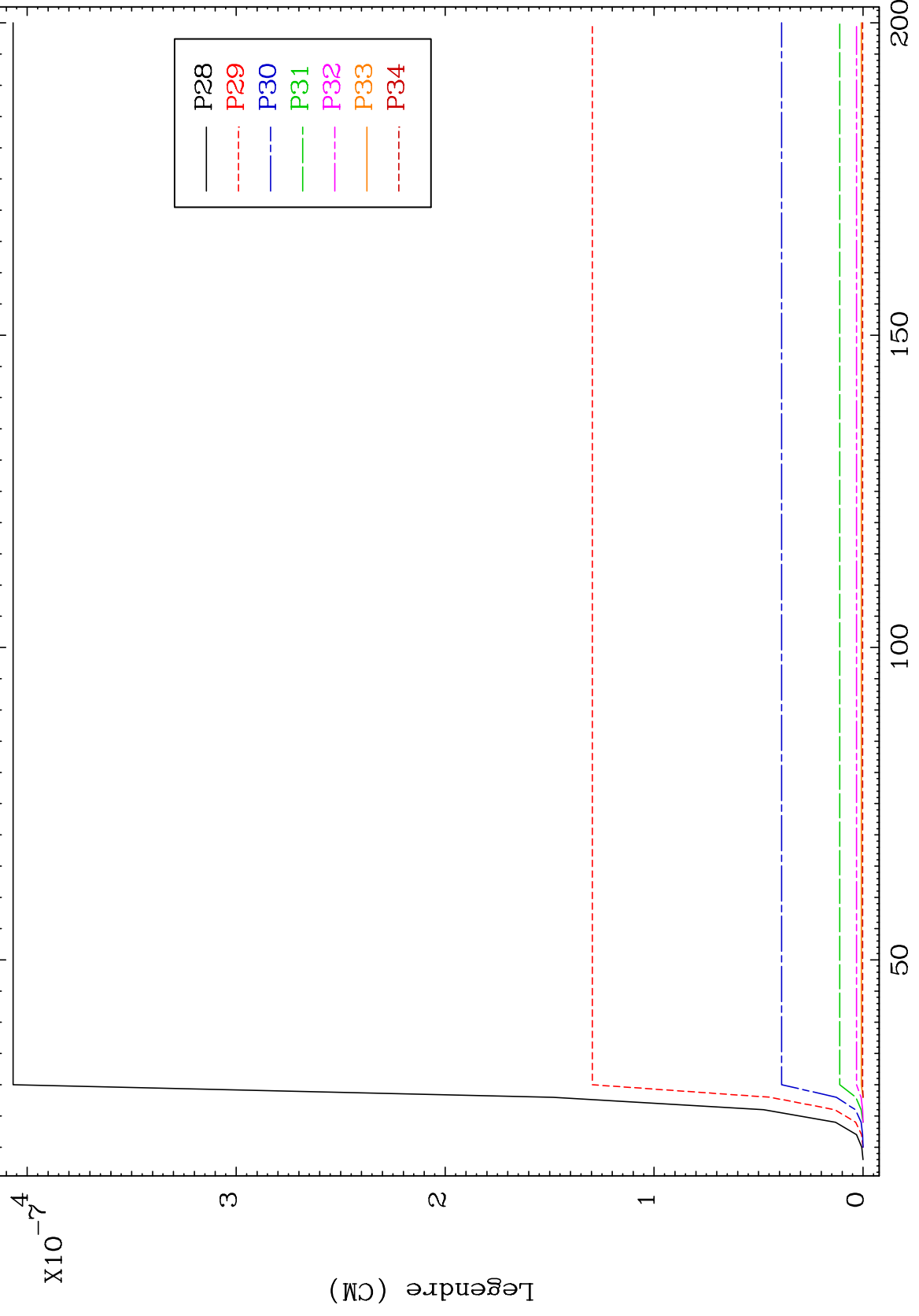
Incident Energy (MeV)

37-Rb-89

MAT 3737

2.512 MeV (n, n') Level
Legendre Coefficients

37-Rb-89



119

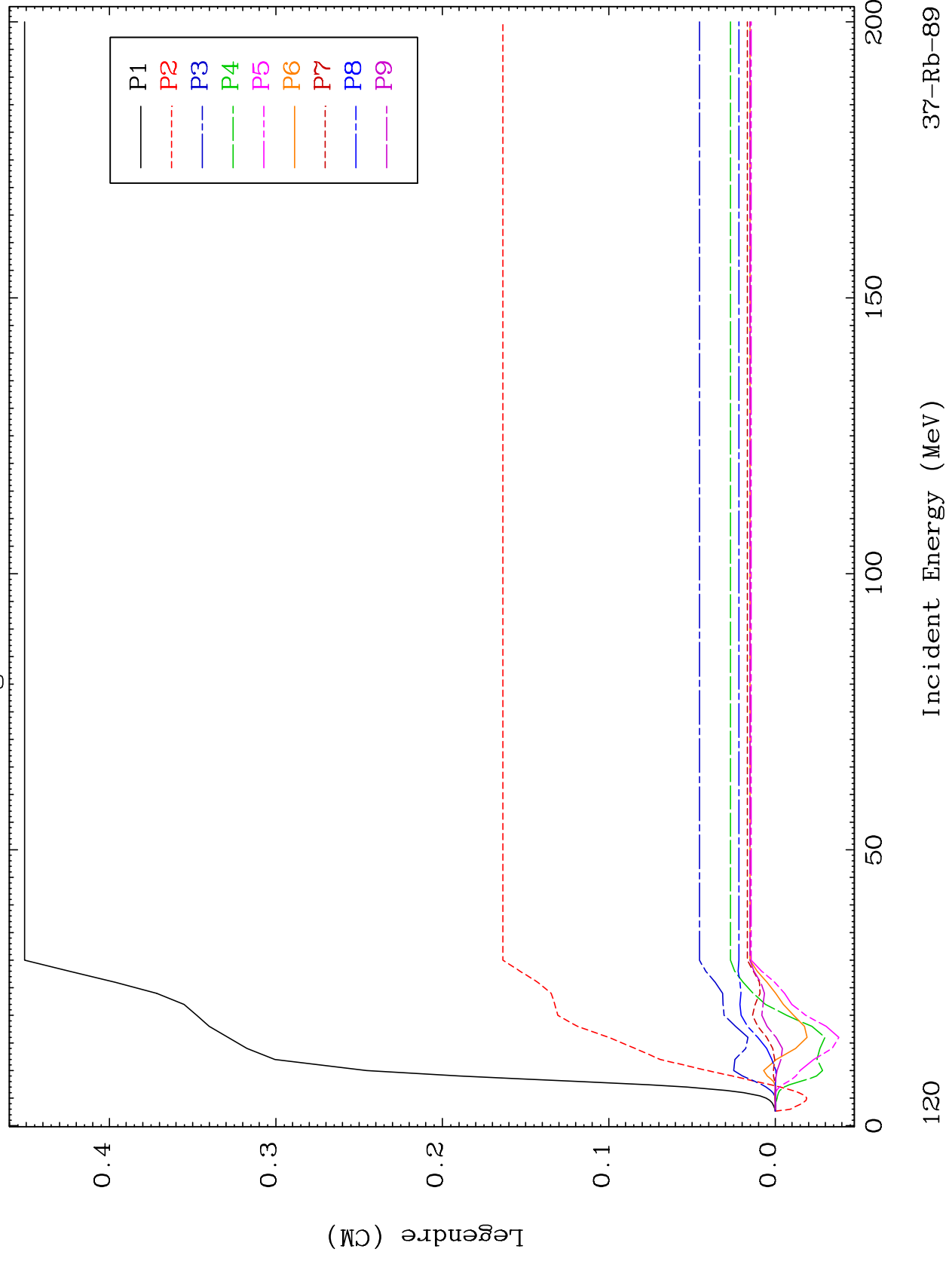
Incident Energy (MeV)

37-Rb-89

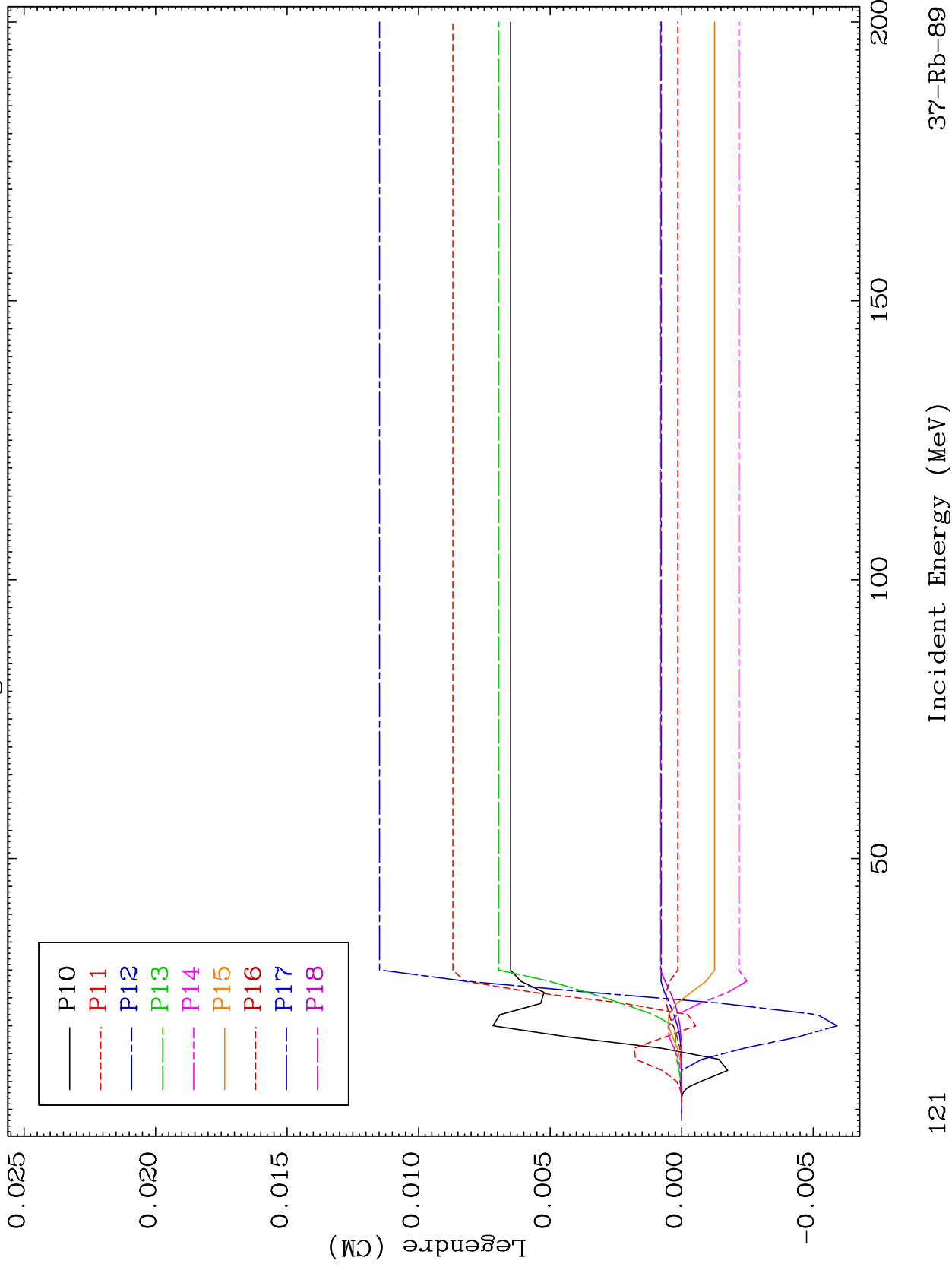
MAT 3737

2.598 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



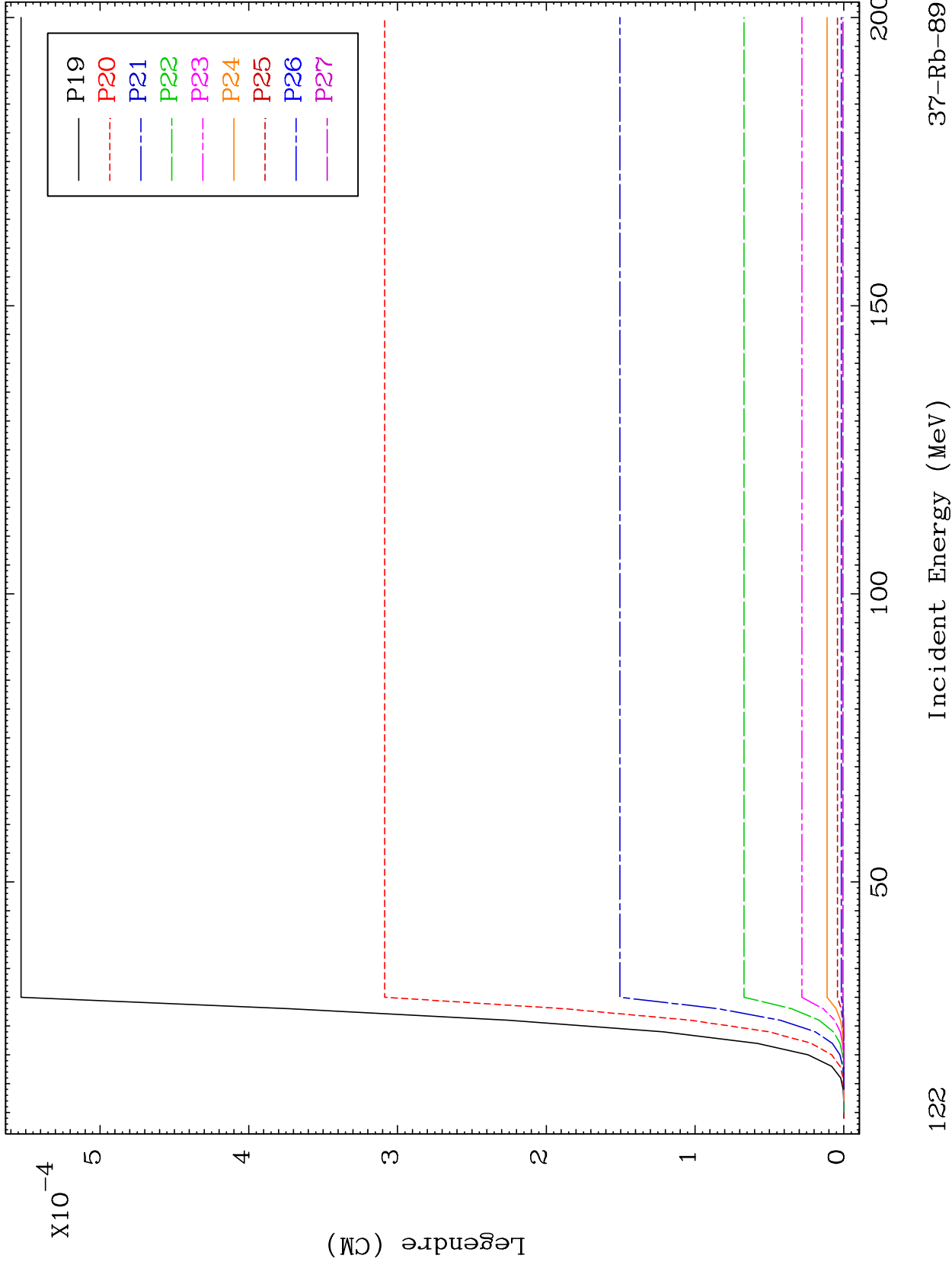
37-Rb-89



MAT 3737

2.598 MeV (n,n') Level
Legendre Coefficients

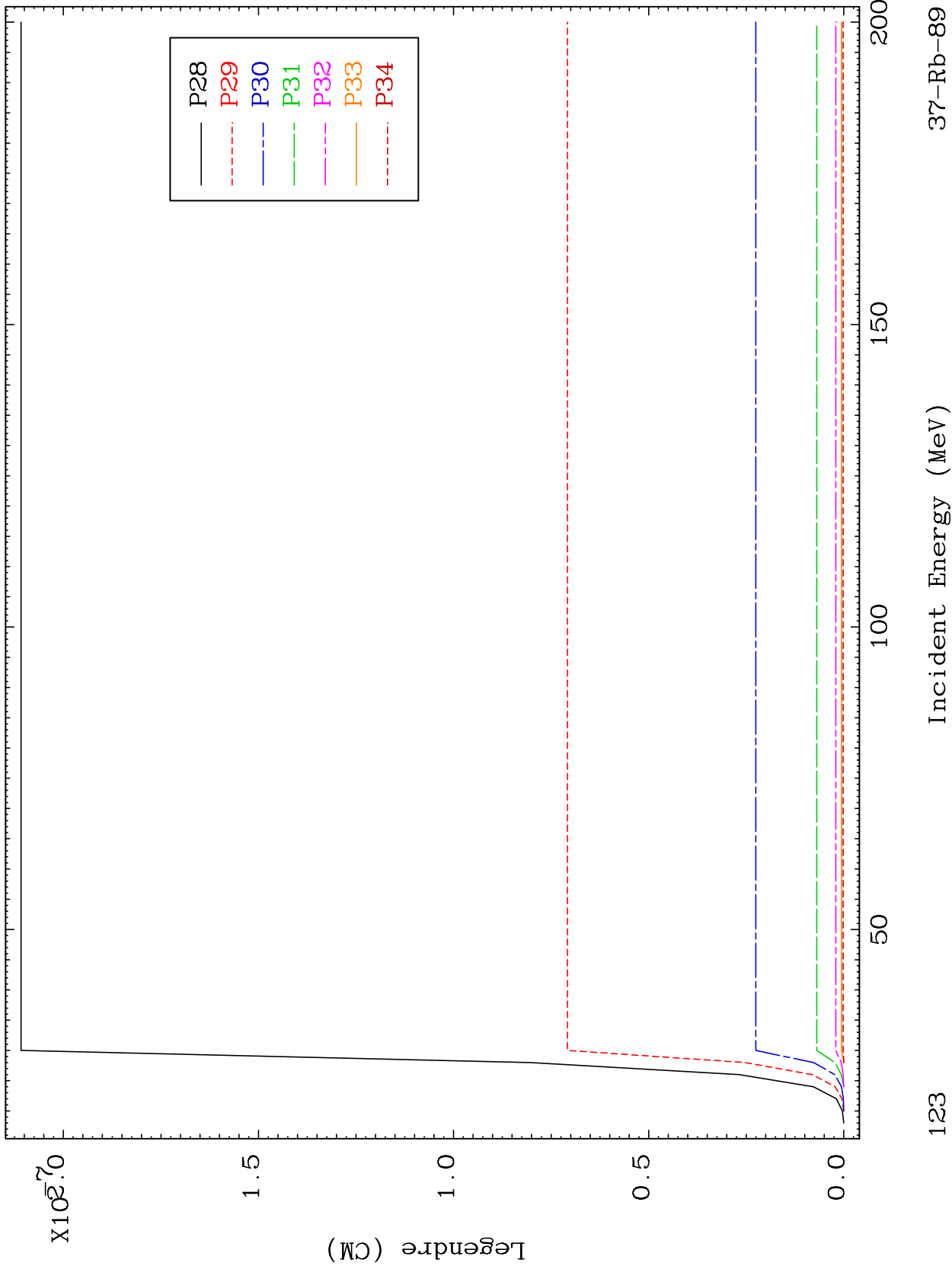
37-Rb-89



MAT 3737

2.598 MeV (n, n') Level
Legendre Coefficients

37-Rb-89



123

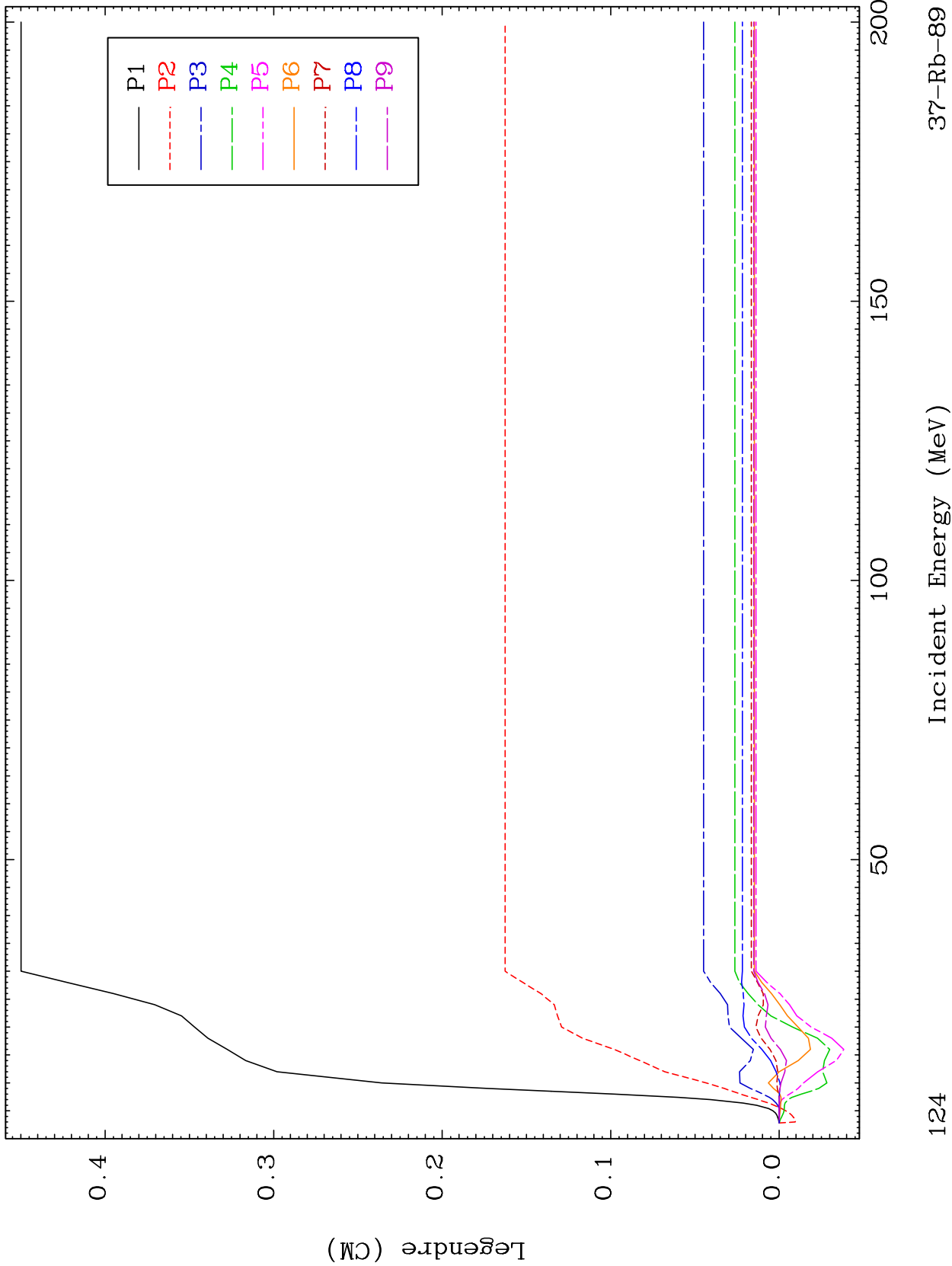
Incident Energy (MeV)

37-Rb-89

MAT 3737

2.782 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



124

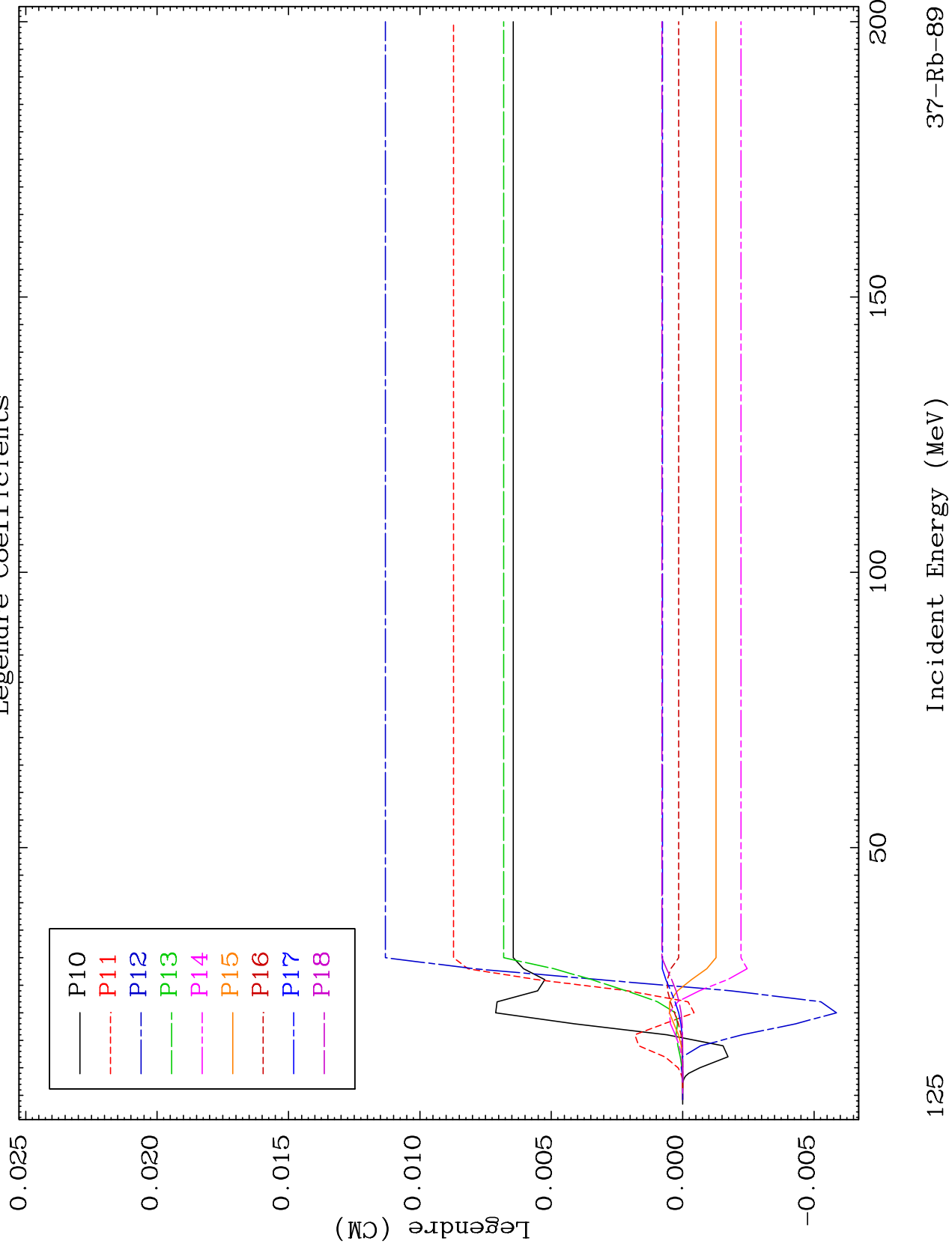
Incident Energy (MeV)

37-Rb-89

MAT 3737

2.782 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



125

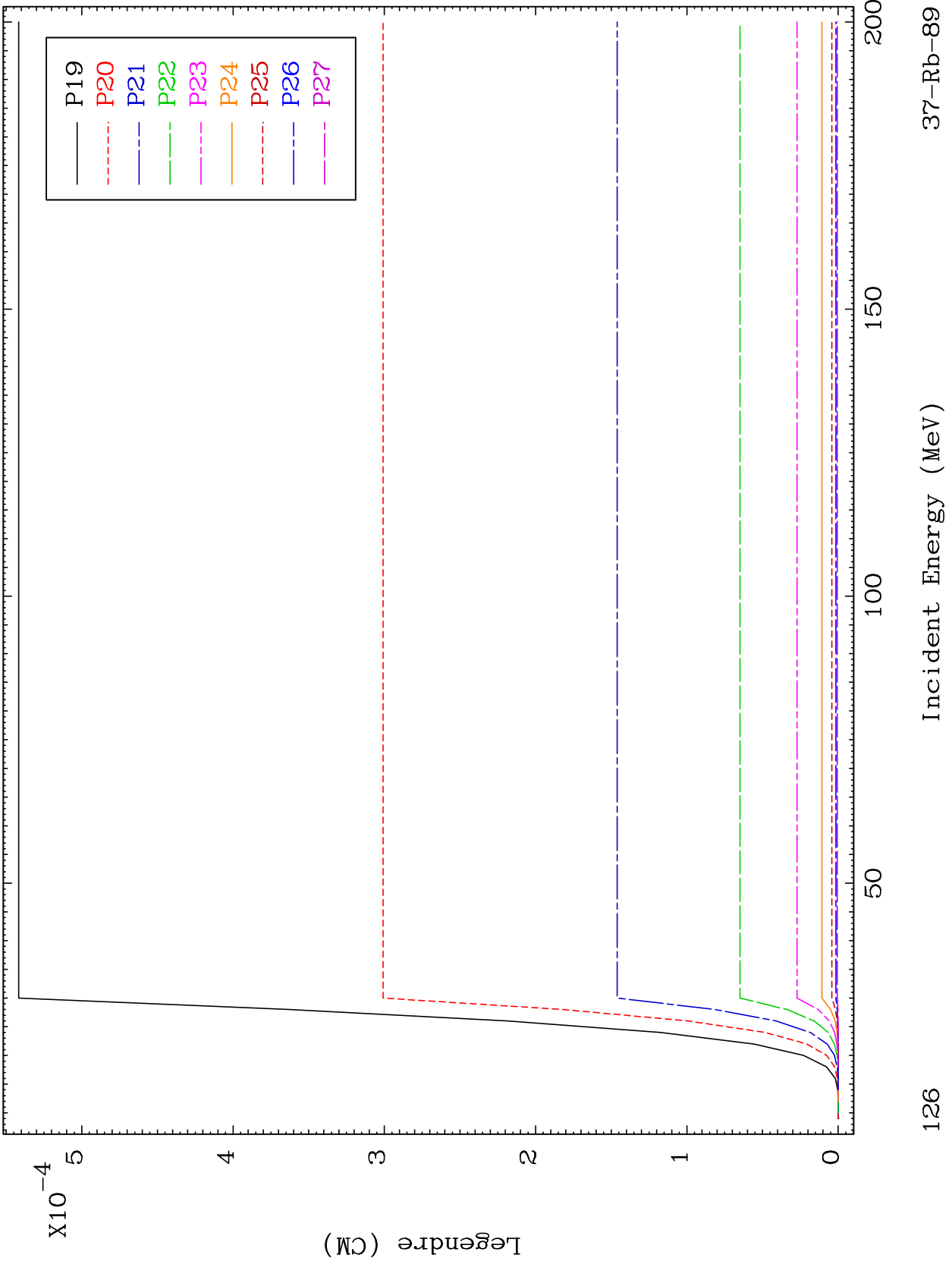
Incident Energy (MeV)

37-Rb-89

MAT 3737

2.782 MeV (n,n') Level
Legendre Coefficients

37-Rb-89



126

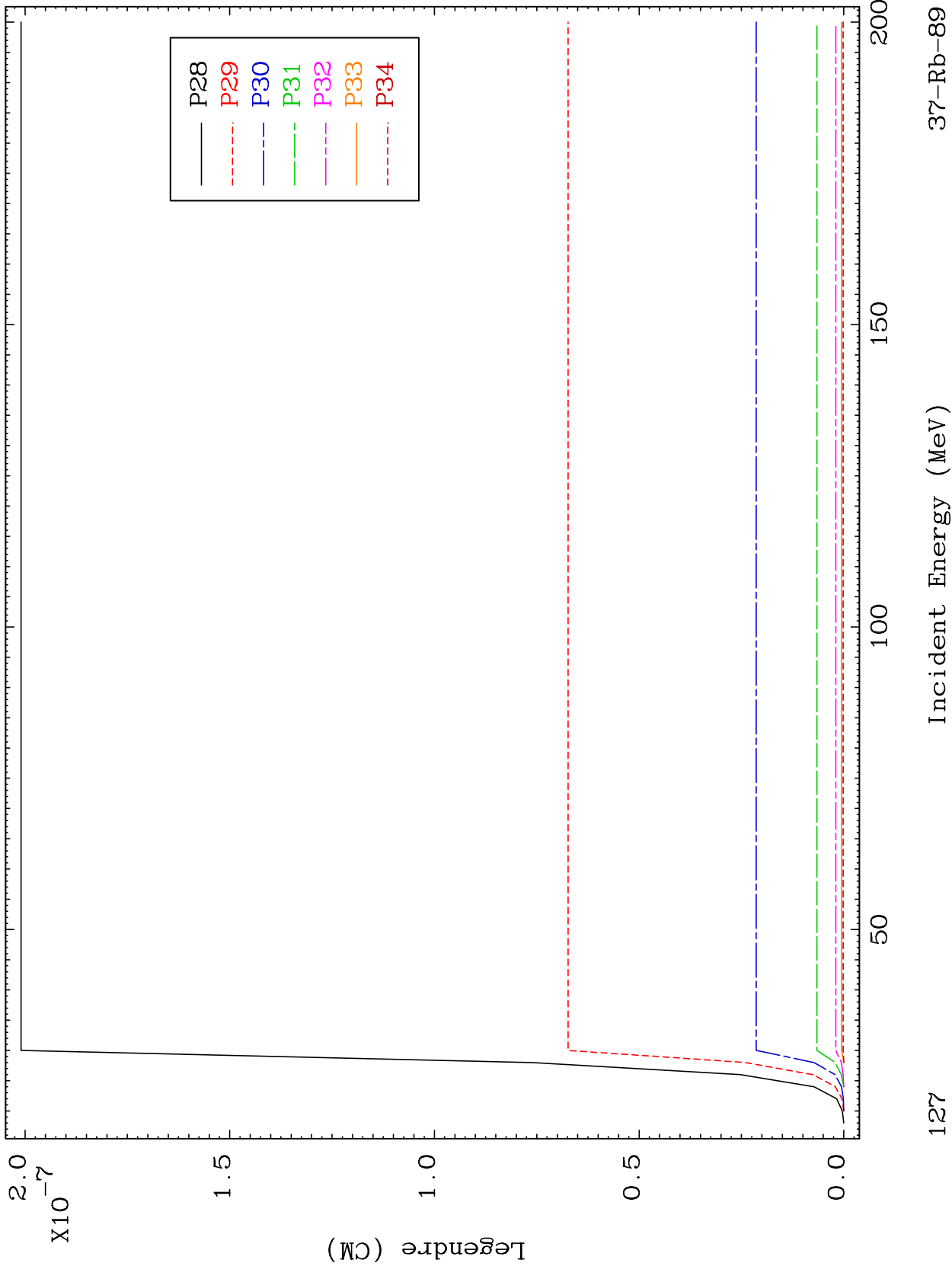
Incident Energy (MeV)

37-Rb-89

MAT 3737

2.782 MeV (n, n') Level
Legendre Coefficients

37-Rb-89



127

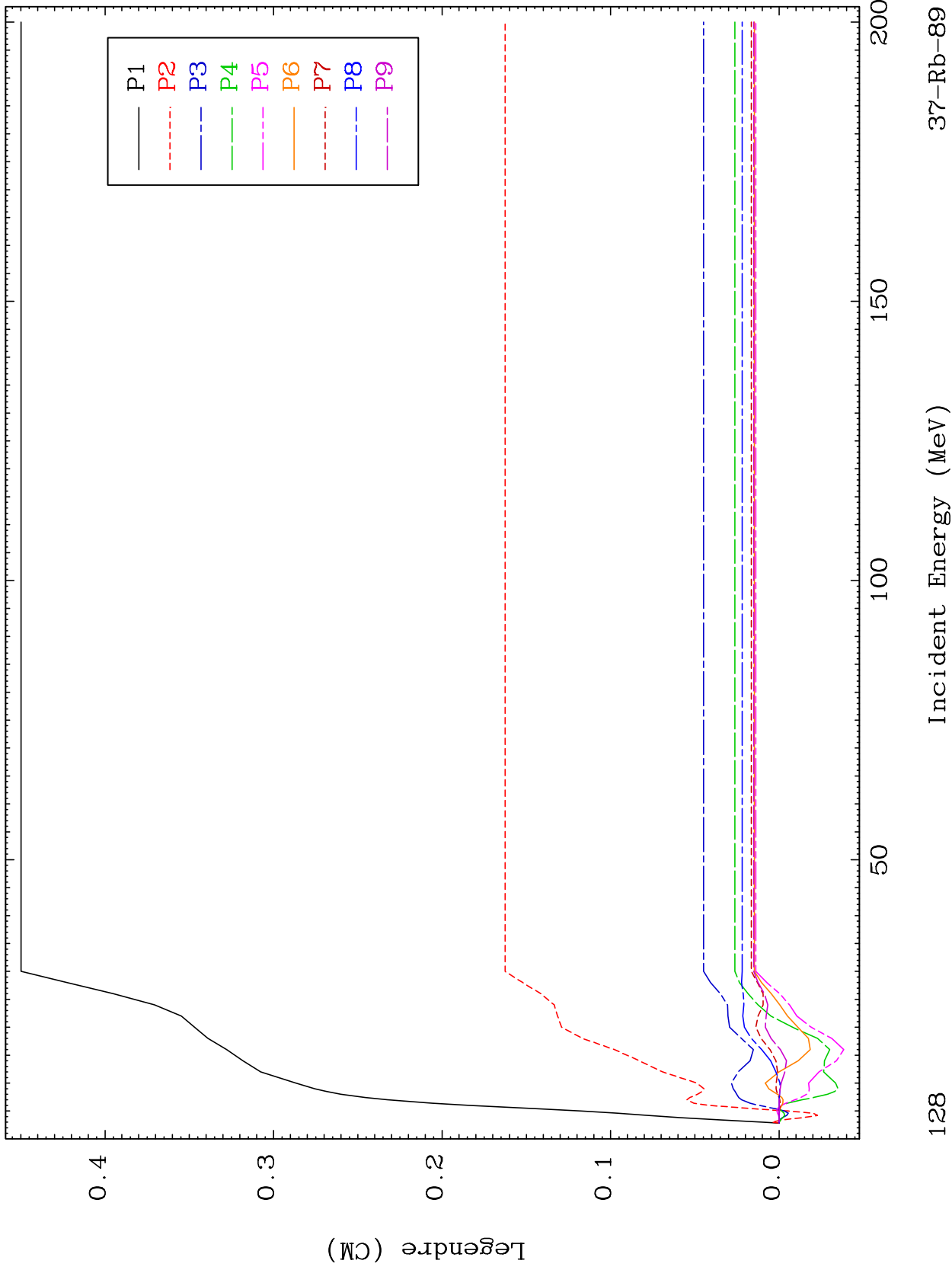
Incident Energy (MeV)

37-Rb-89

MAT 3737

2.789 MeV (n,n') Level
Legendre Coefficients

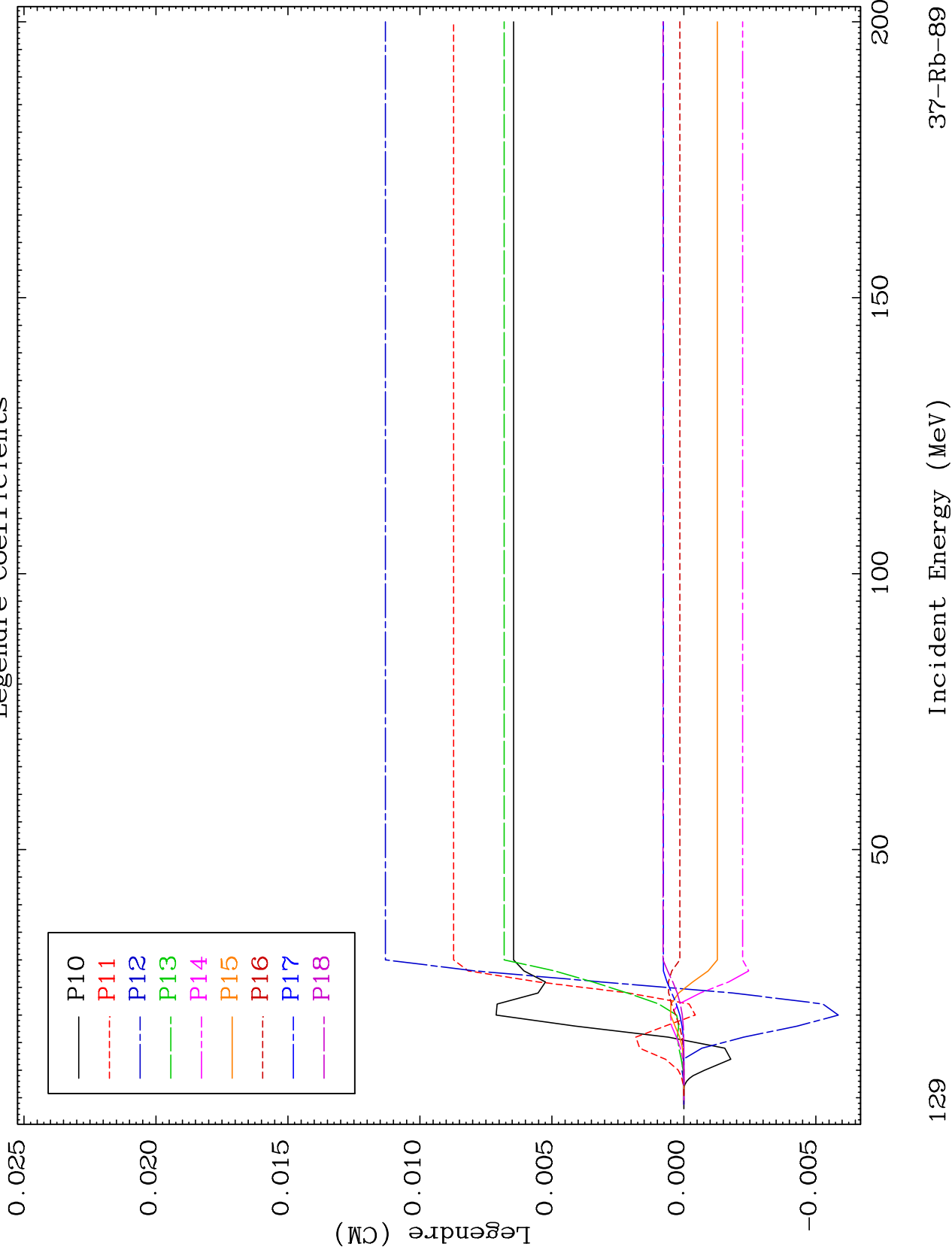
37-Rb-89



128

Incident Energy (MeV)

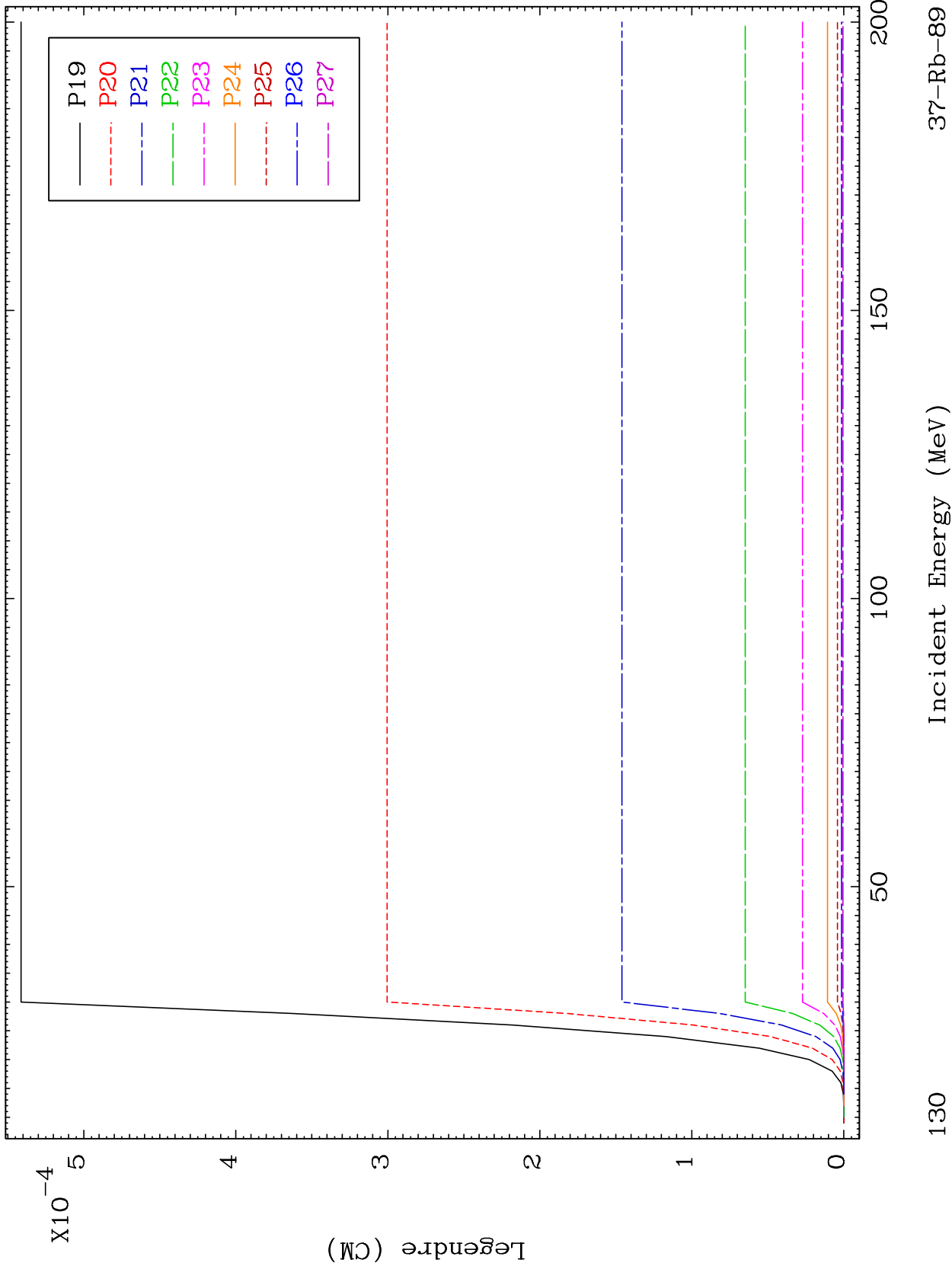
37-Rb-89



MAT 3737

2.789 MeV (n,n') Level
Legendre Coefficients

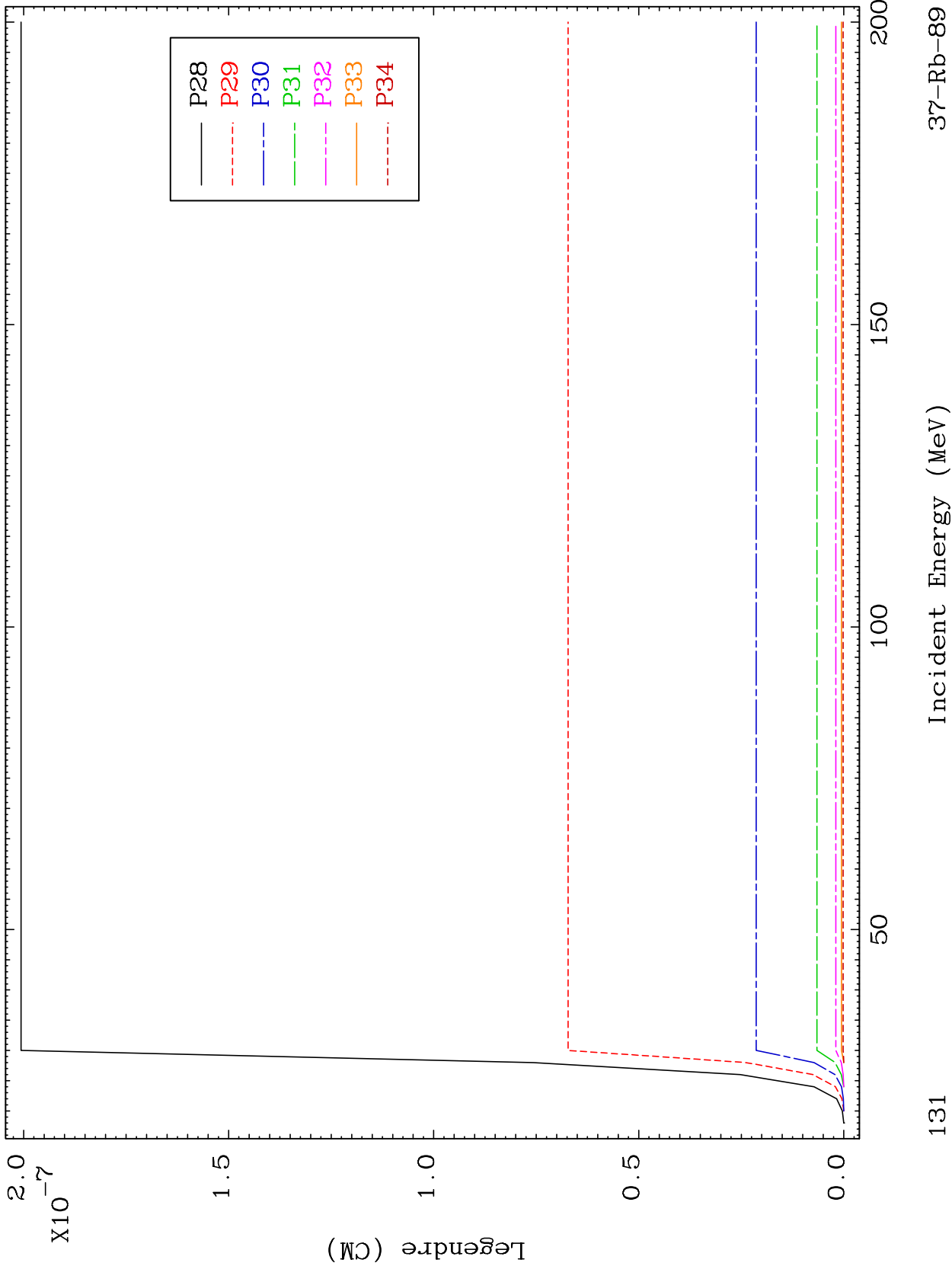
37-Rb-89



MAT 3737

2.789 MeV (n, n') Level
Legendre Coefficients

37-Rb-89

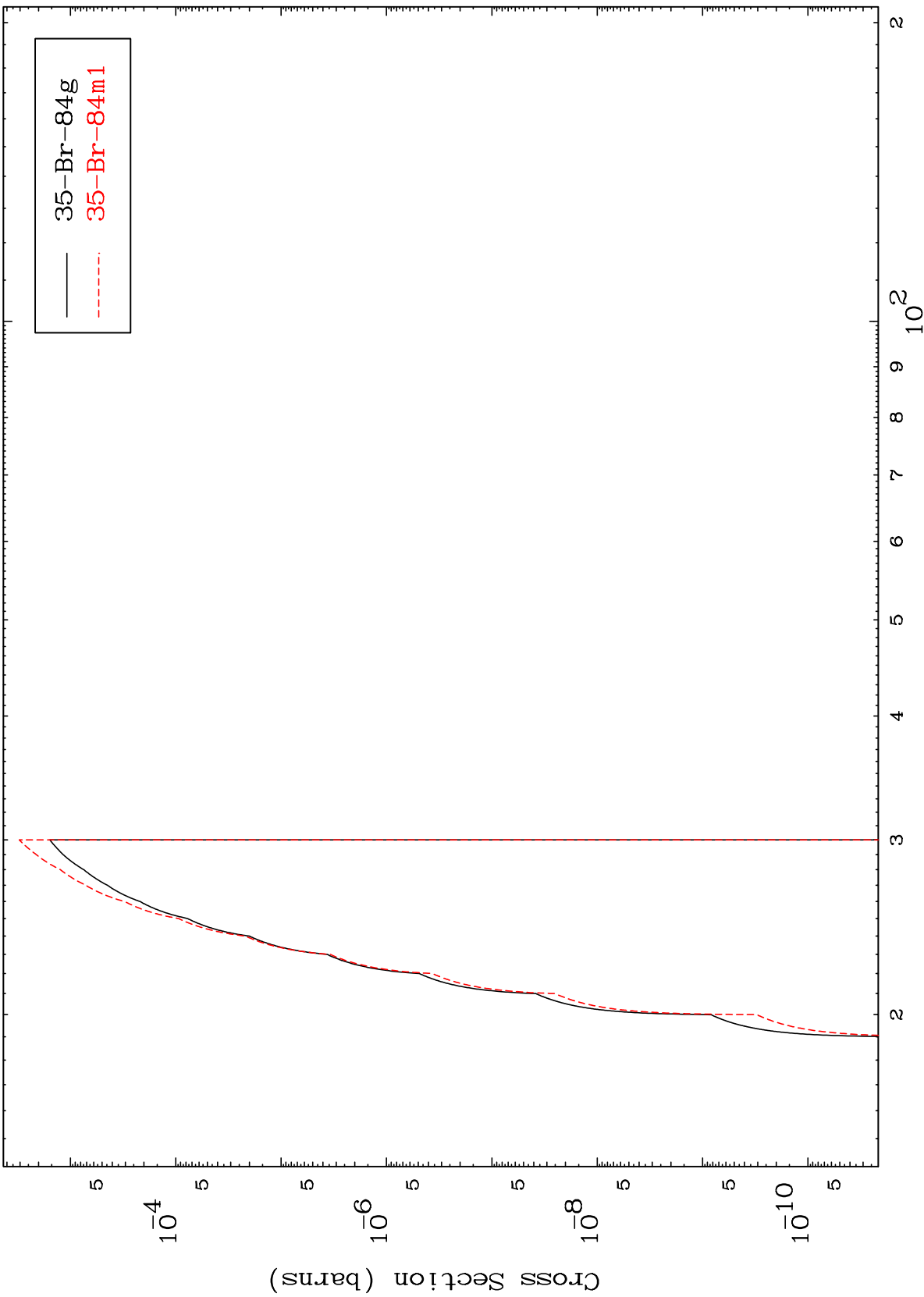


131

Incident Energy (MeV)

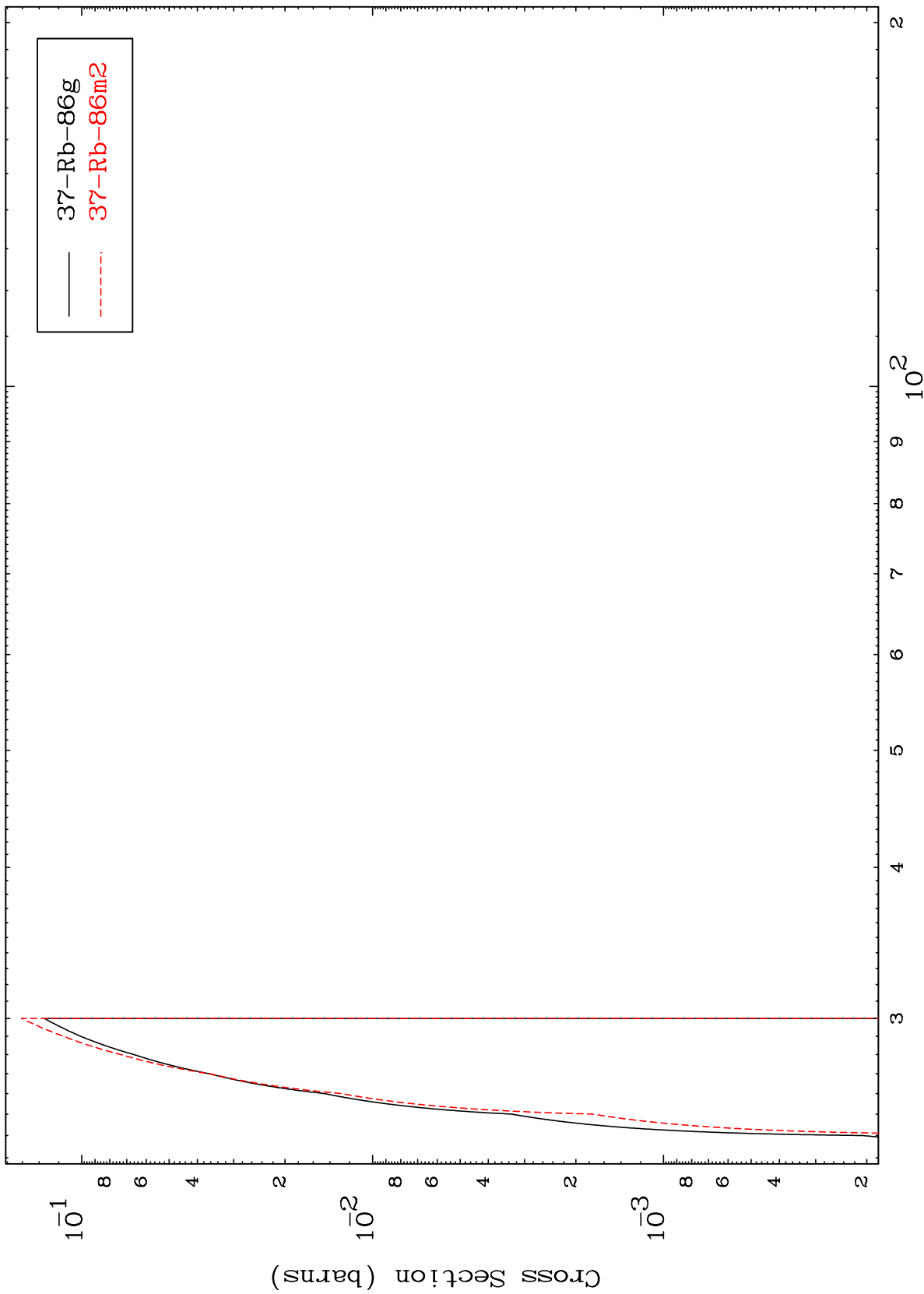
37-Rb-89

Radionuclide Production Cross Section



35-Br-84g
35-Br-84m1

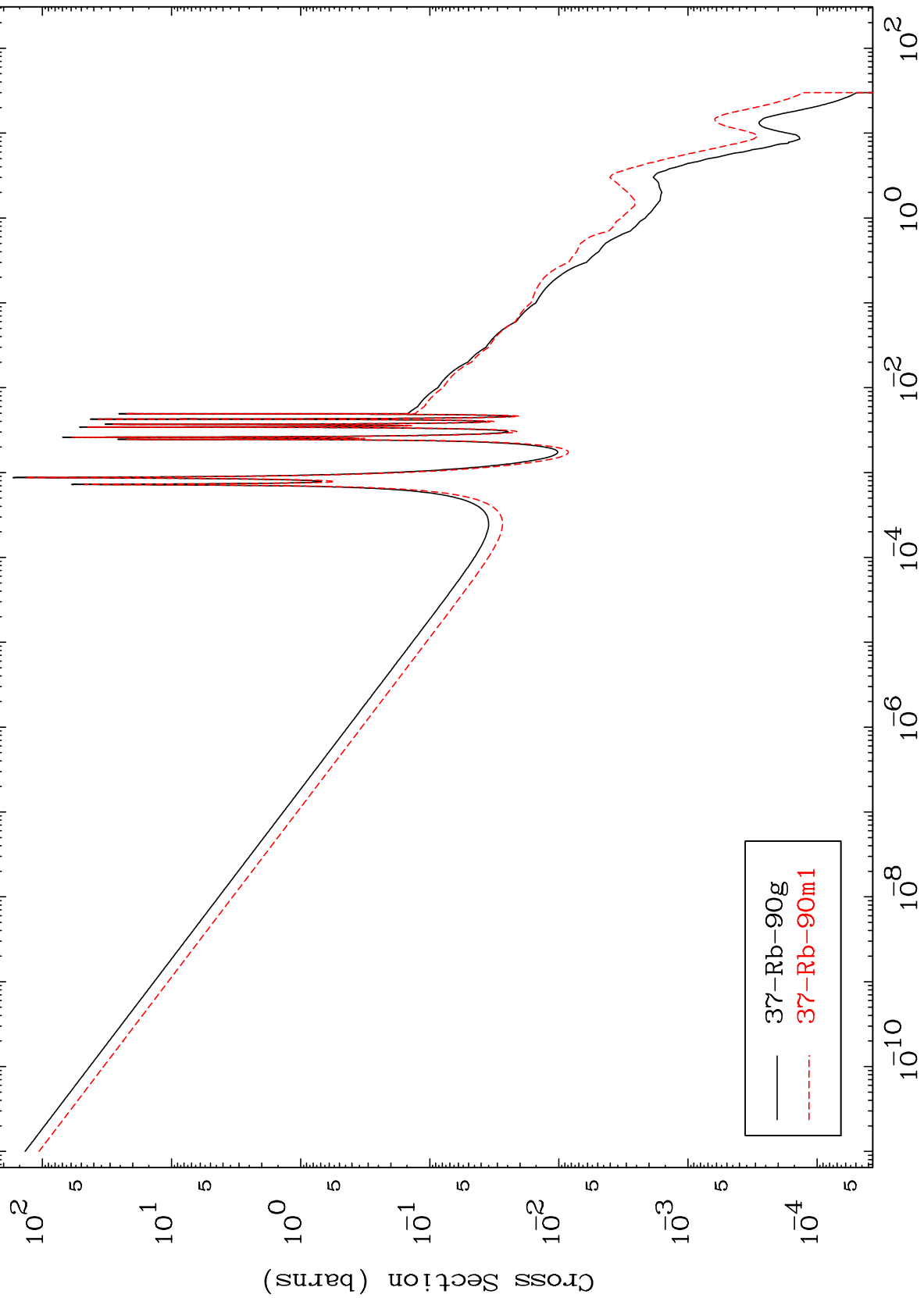
(n,4n)
Radionuclide Production Cross Section



MAT 3737

37-Rb-89

(n, γ)
Radionuclide Production Cross Section



37-Rb-89

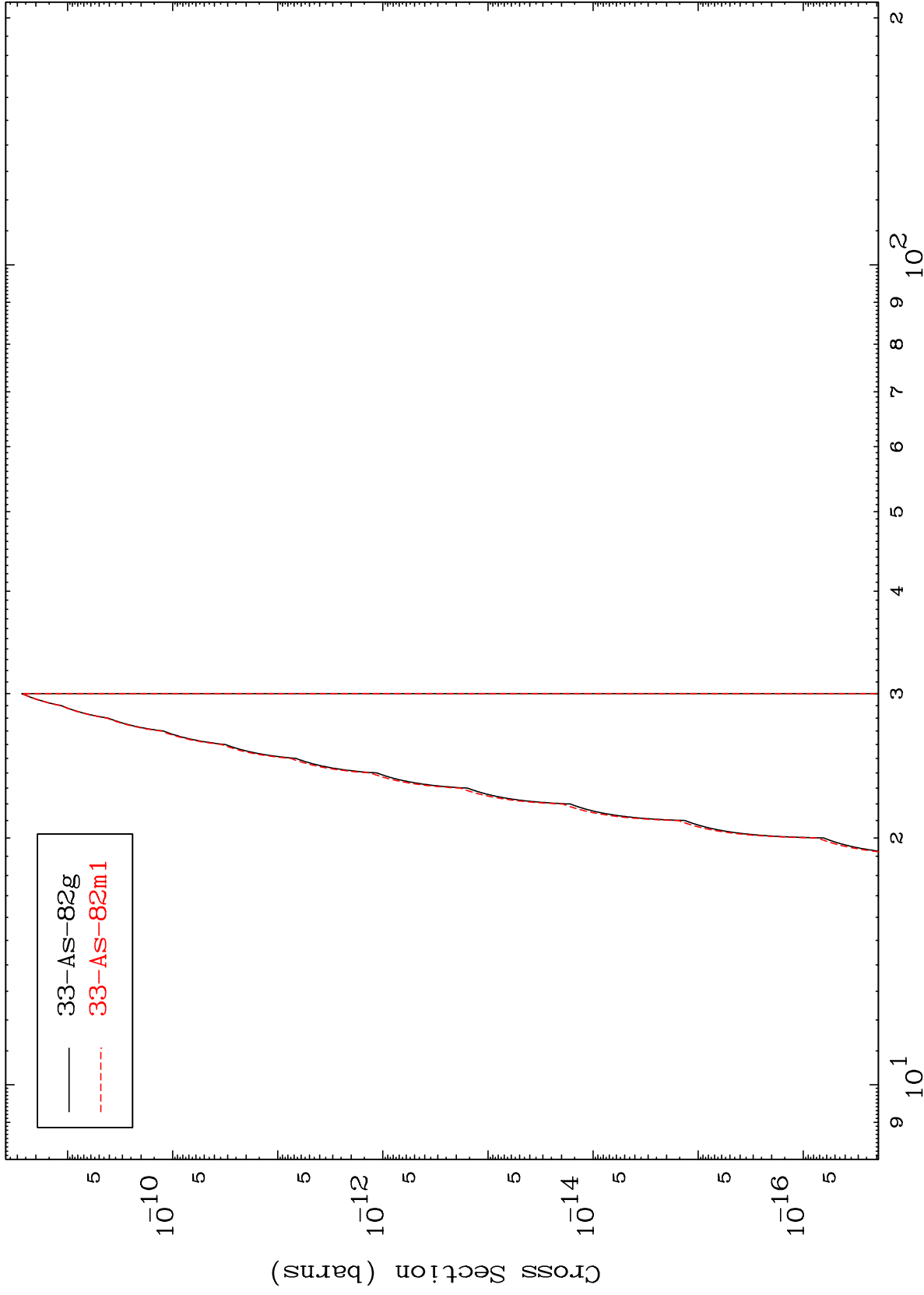
Incident Energy (MeV)

134

MAT 3737

37-Rb-89

Radionuclide Production Cross Section
(n,2α)



135

Incident Energy (MeV)

37-Rb-89