

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

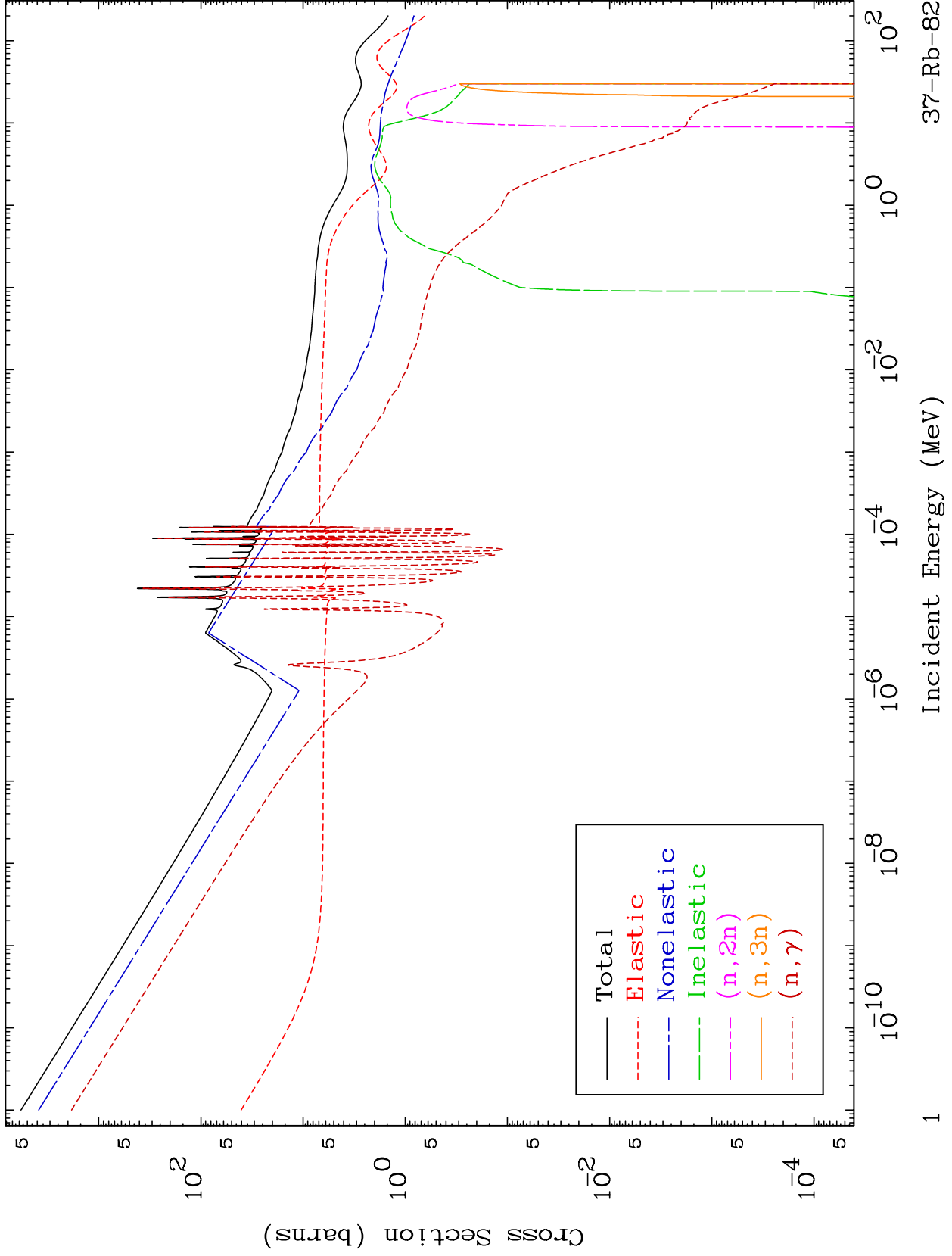
Web:redcullen1.net/HOMEPAGE.NEW

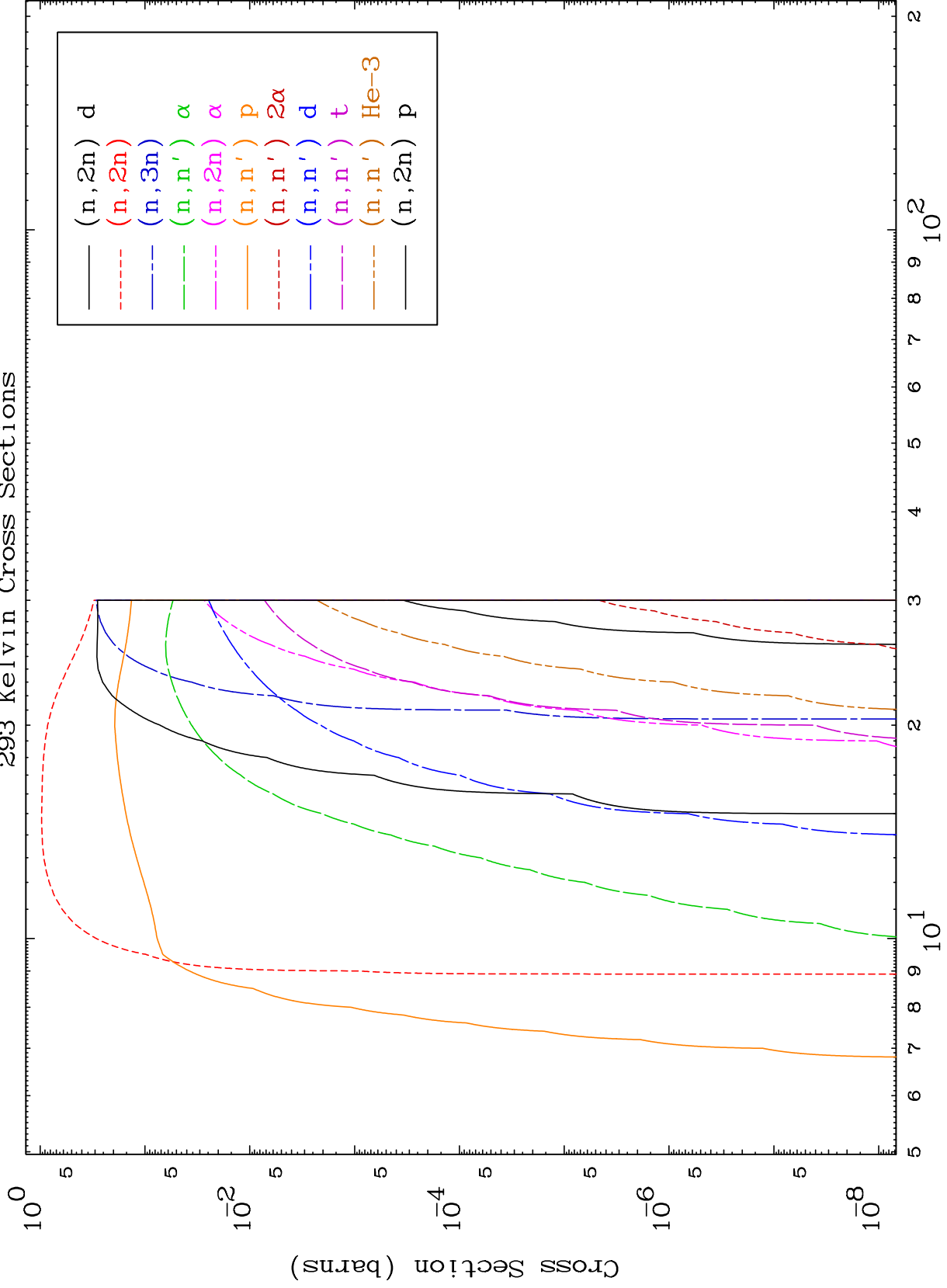
Press Mouse Button to Start

MAT 3716

Neutron Major
293 Kelvin Cross Sections

37-Rb-82

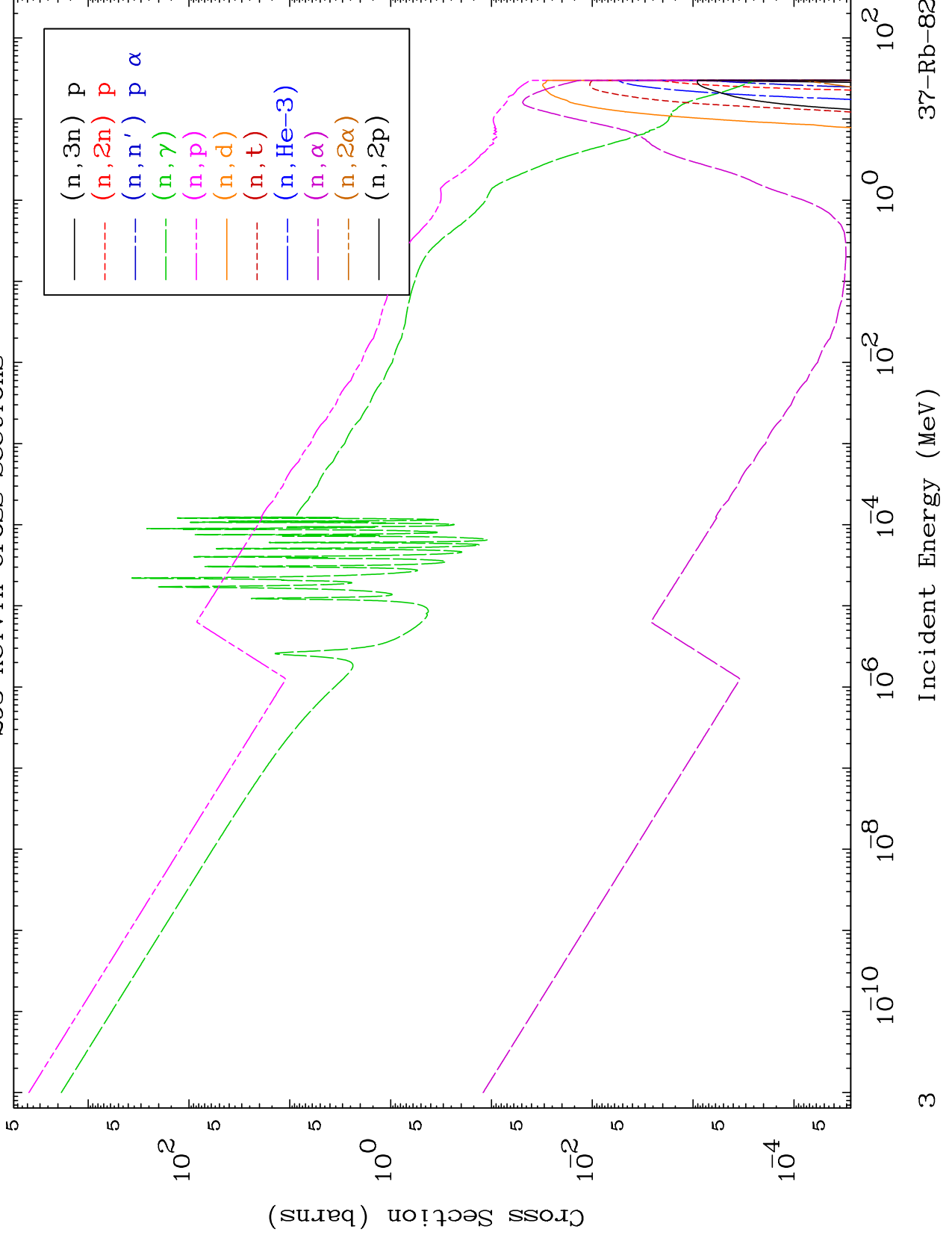




MAT 3716

Neutron Absorption
293 Kelvin Cross Sections

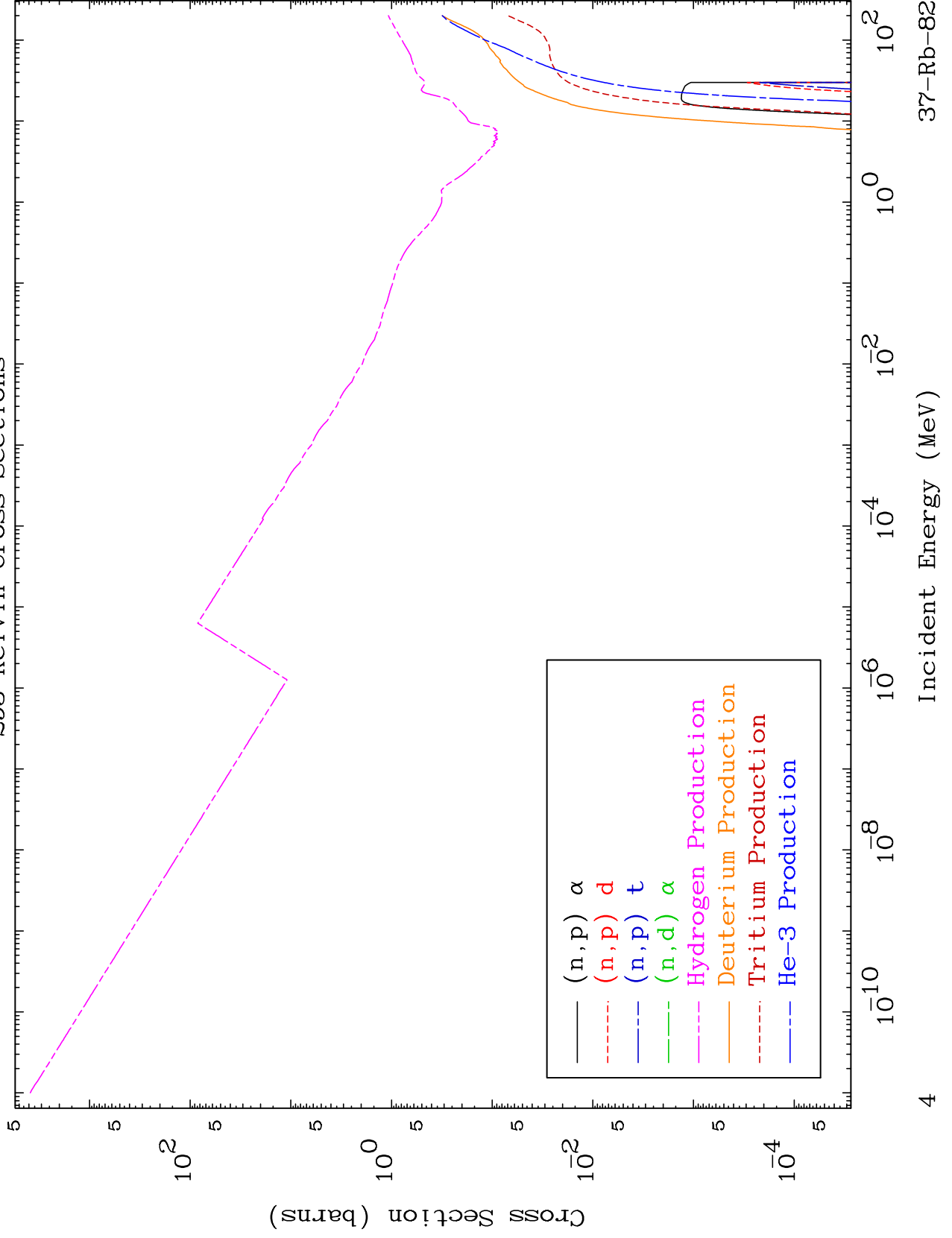
37-Rb-82



MAT 3716

Neutron Absorption
293 Kelvin Cross Sections

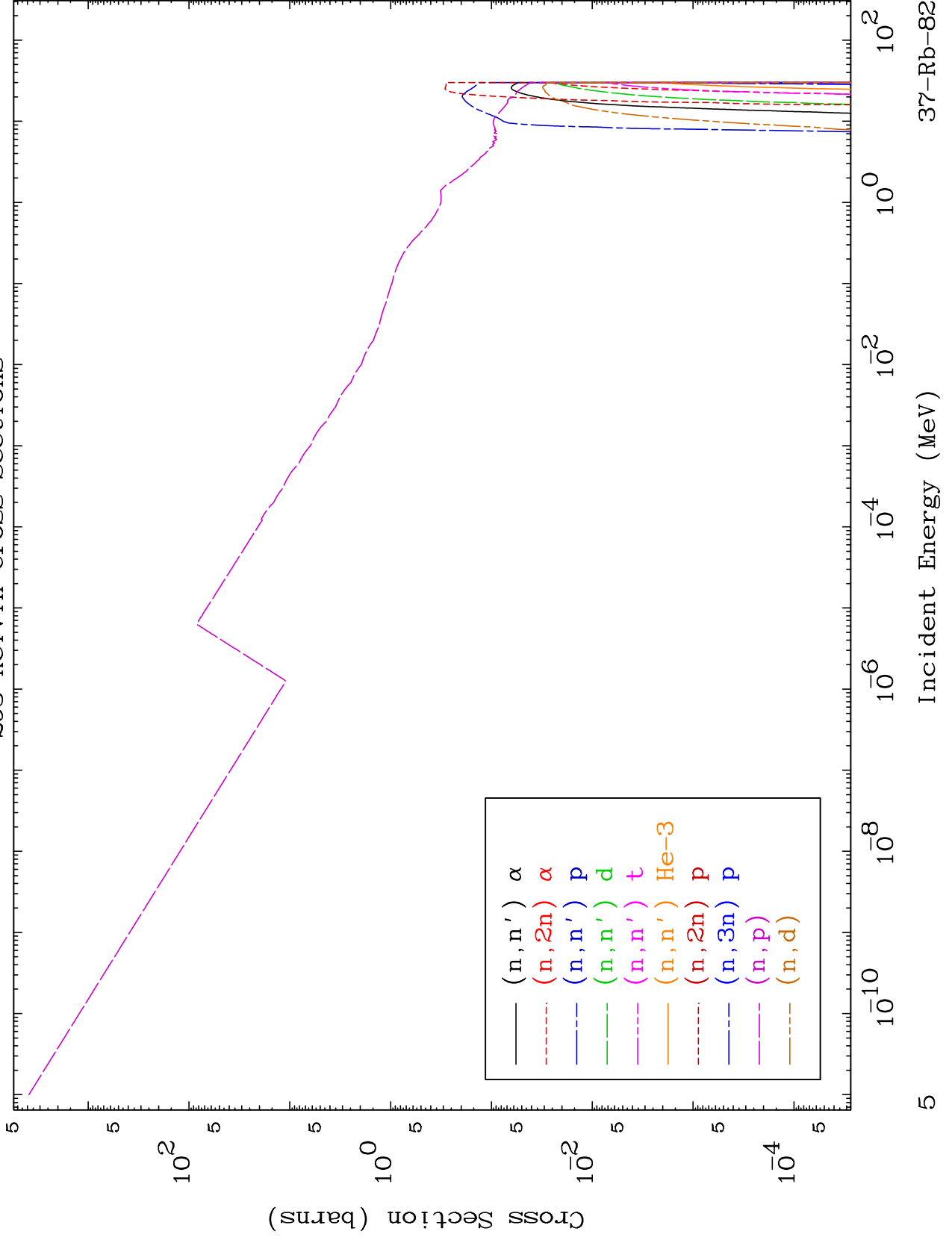
37-Rb-82



MAT 3716

Charged Particle
293 Kelvin Cross Sections

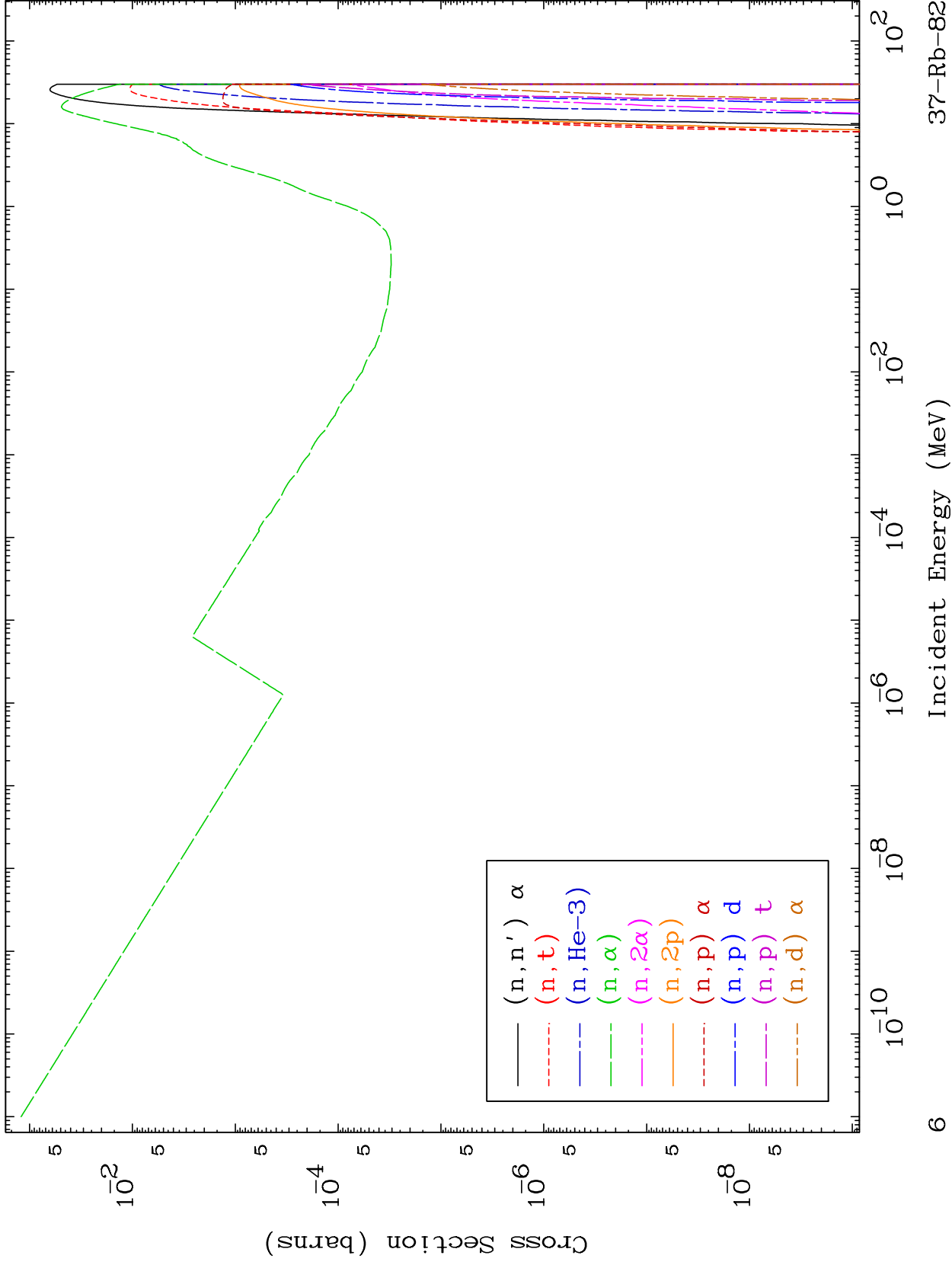
37-Rb-82



MAT 3716

Charged Particle
293 Kelvin Cross Sections

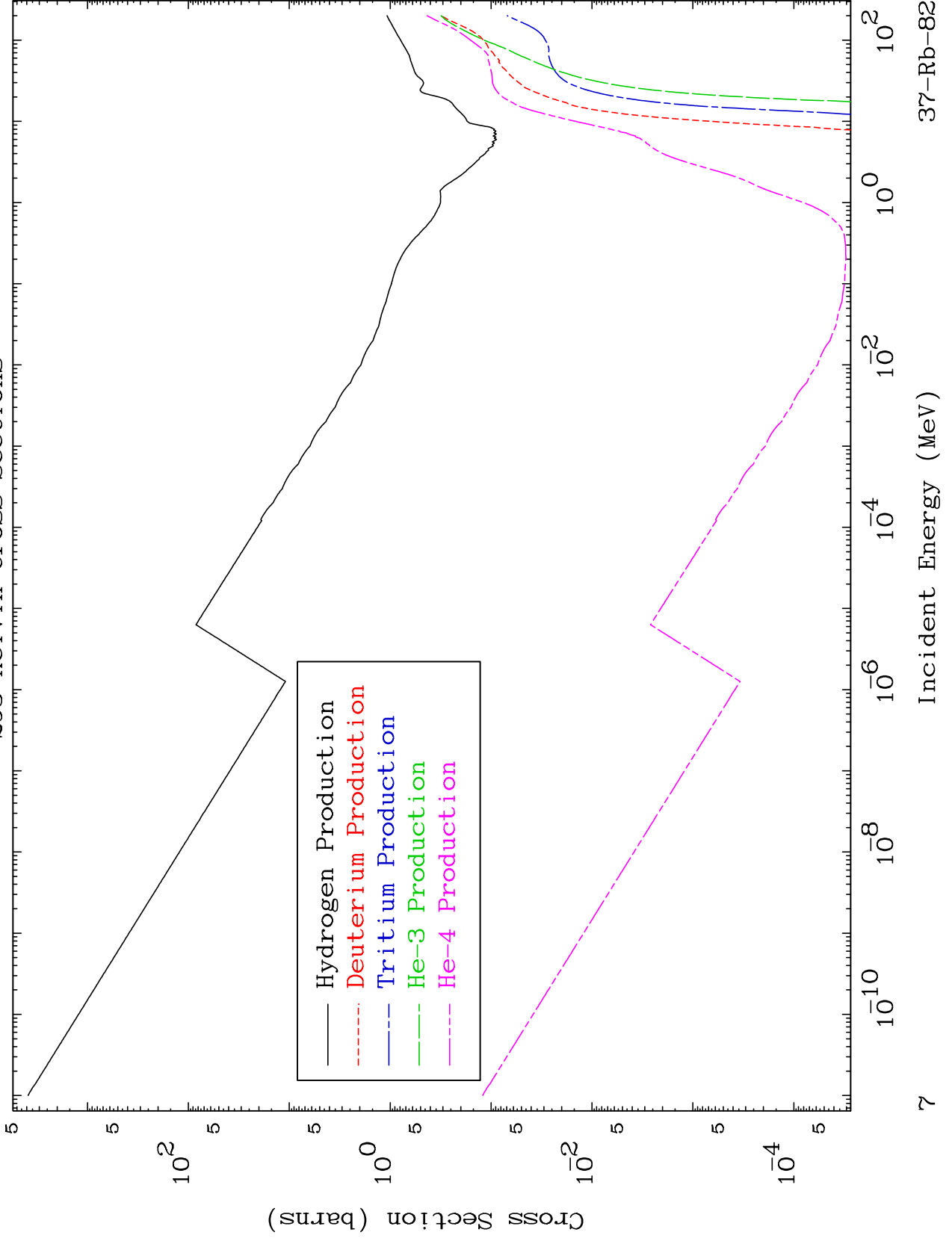
37-Rb-82



MAT 3716

Particle Production
293 Kelvin Cross Sections

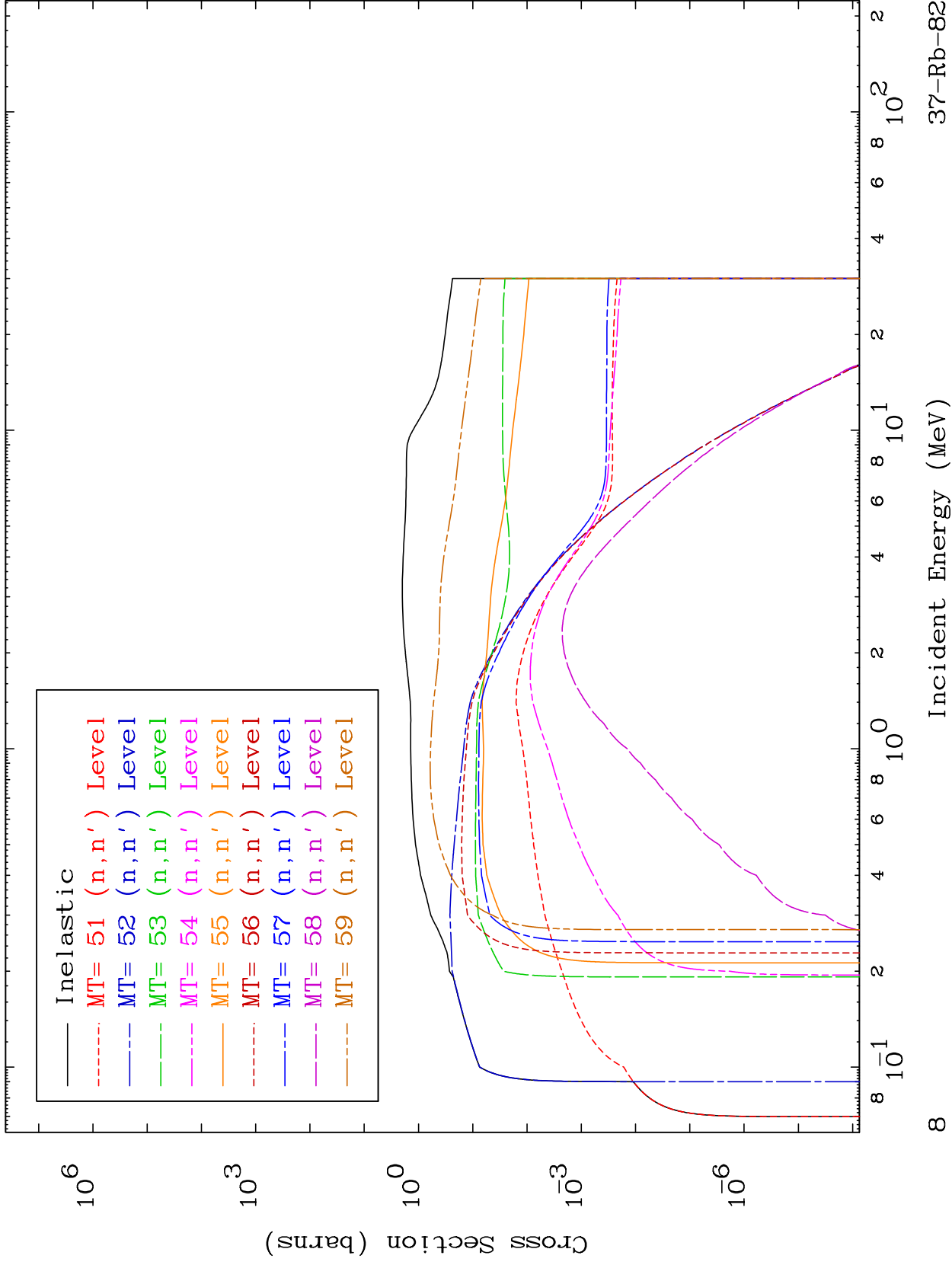
37-Rb-82

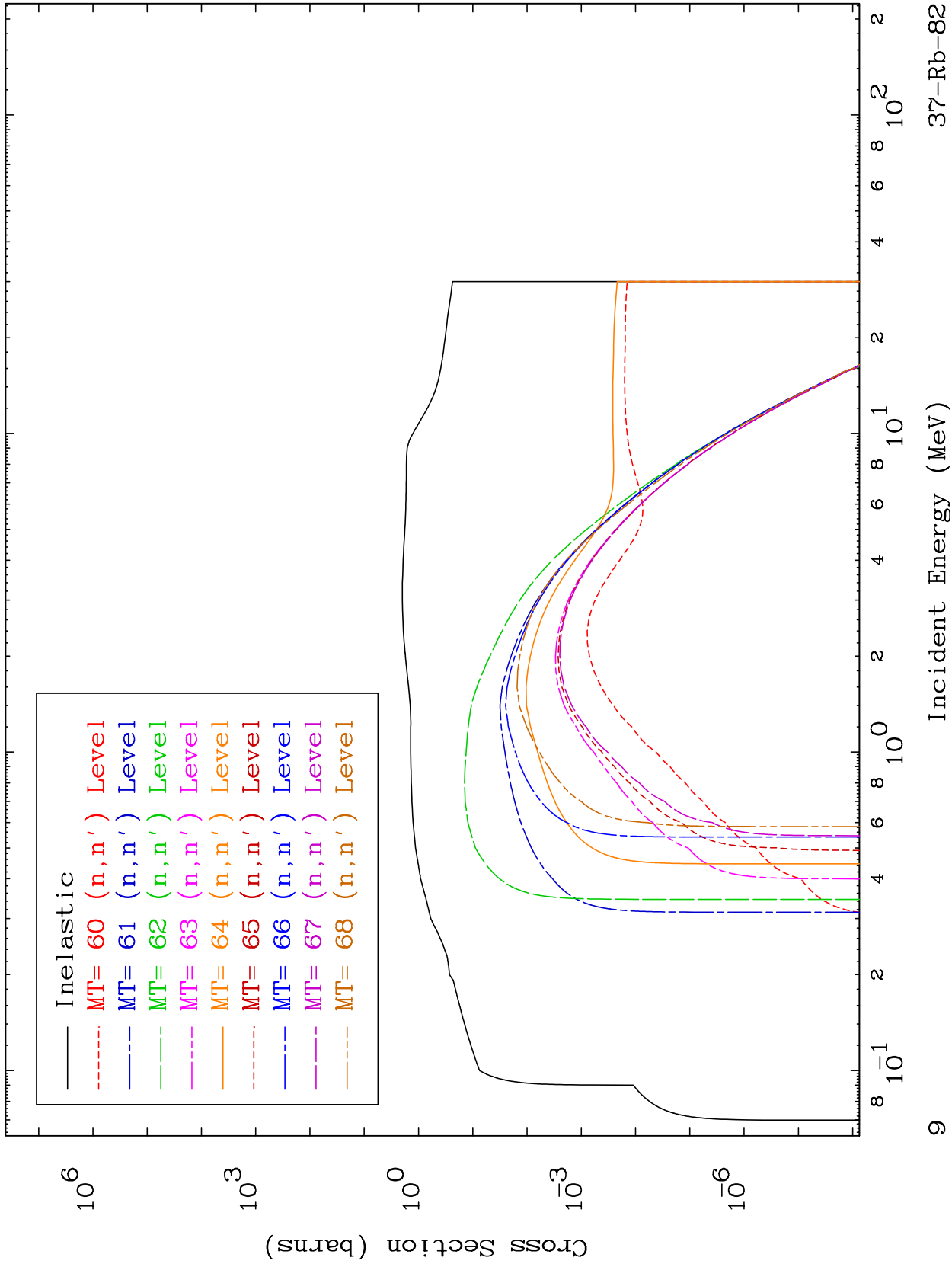


MAT 3716

(n,n') Levels
293 Kelvin Cross Sections

37-Rb-82

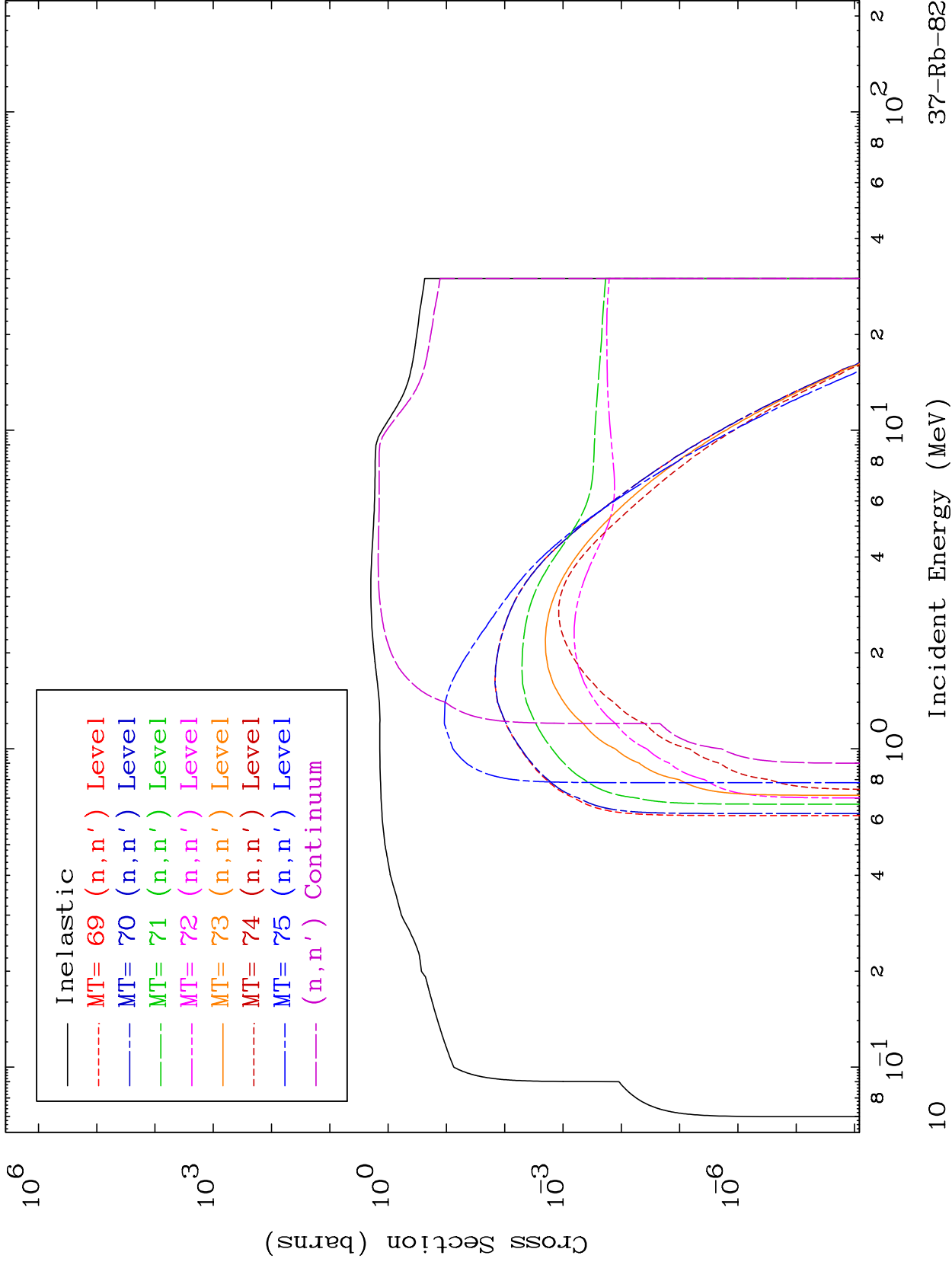




MAT 3716

(n,n') Levels
293 Kelvin Cross Sections

37-Rb-82



10

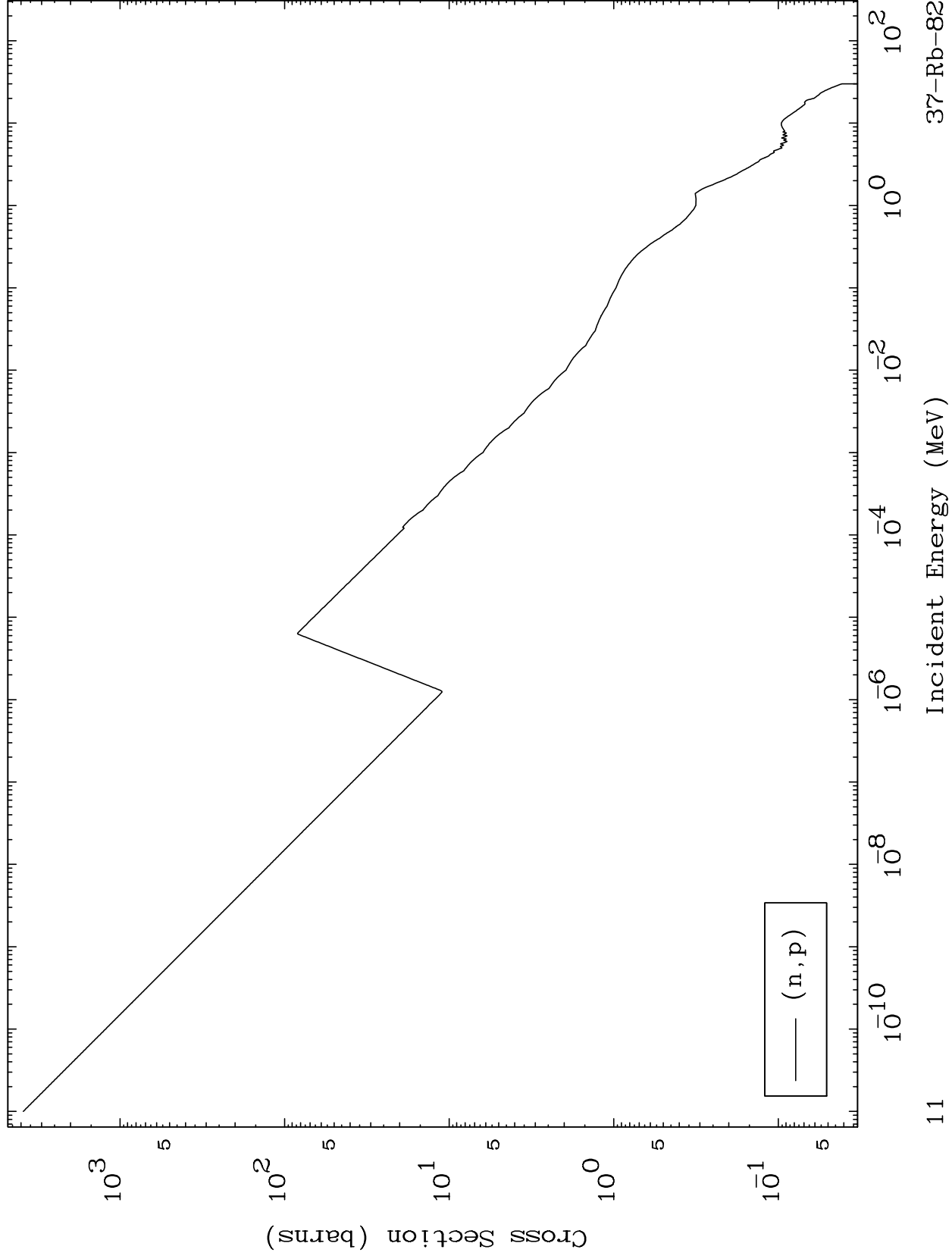
Incident Energy (MeV)

37-Rb-82

MAT 3716

(n,p) Levels
293 Kelvin Cross Sections

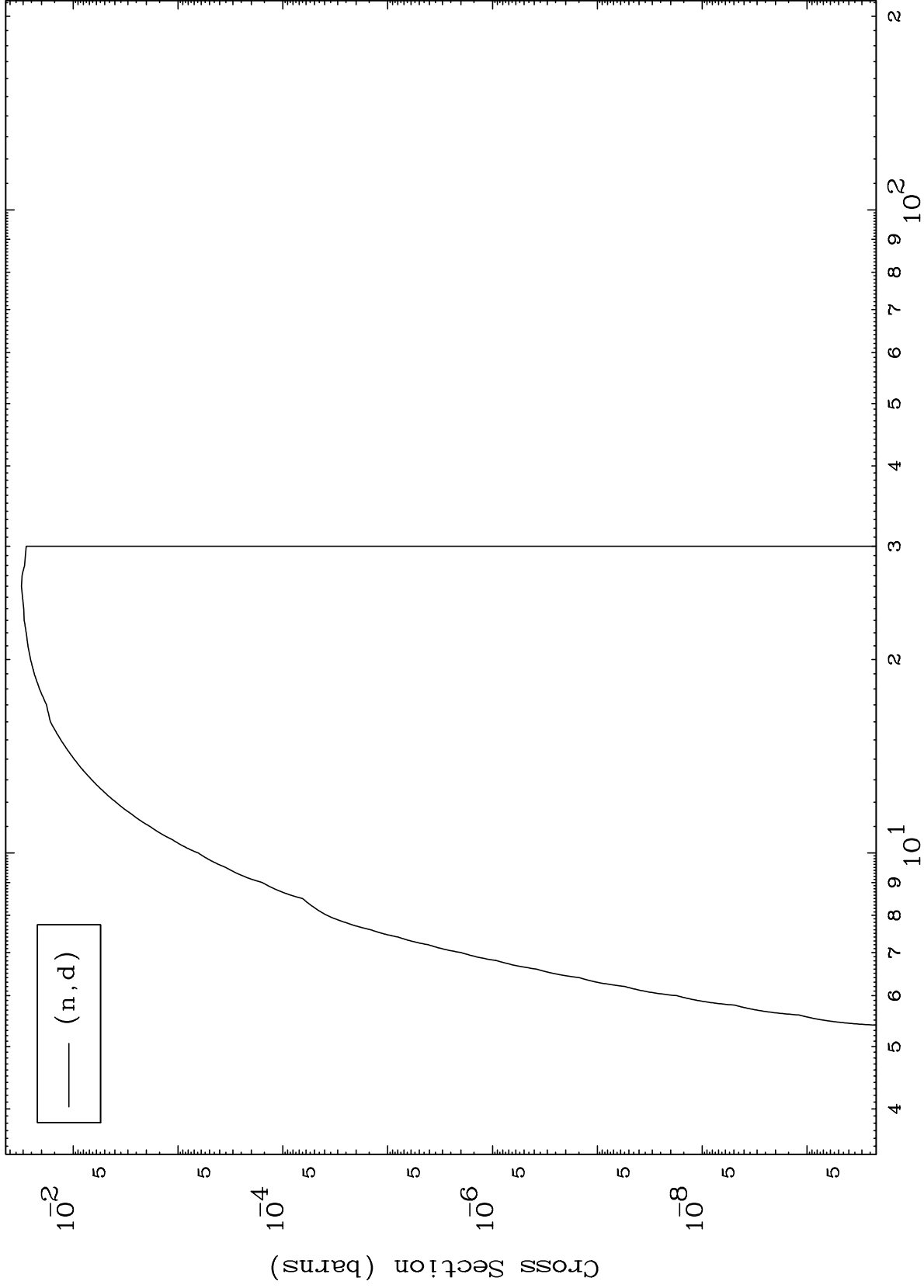
37-Rb-82



MAT 3716

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-82



12

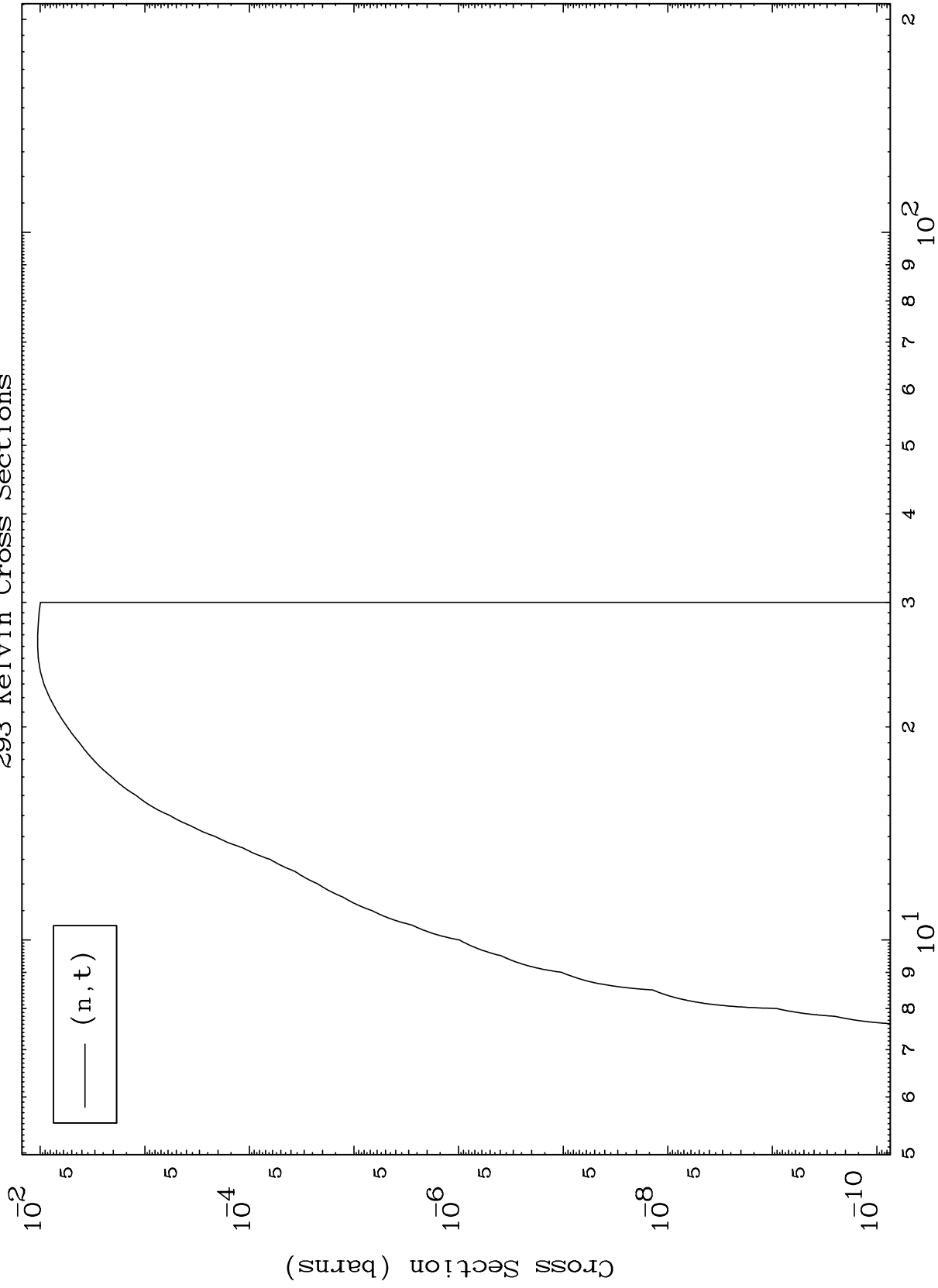
Incident Energy (MeV)

37-Rb-82

MAT 3716

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-82



13

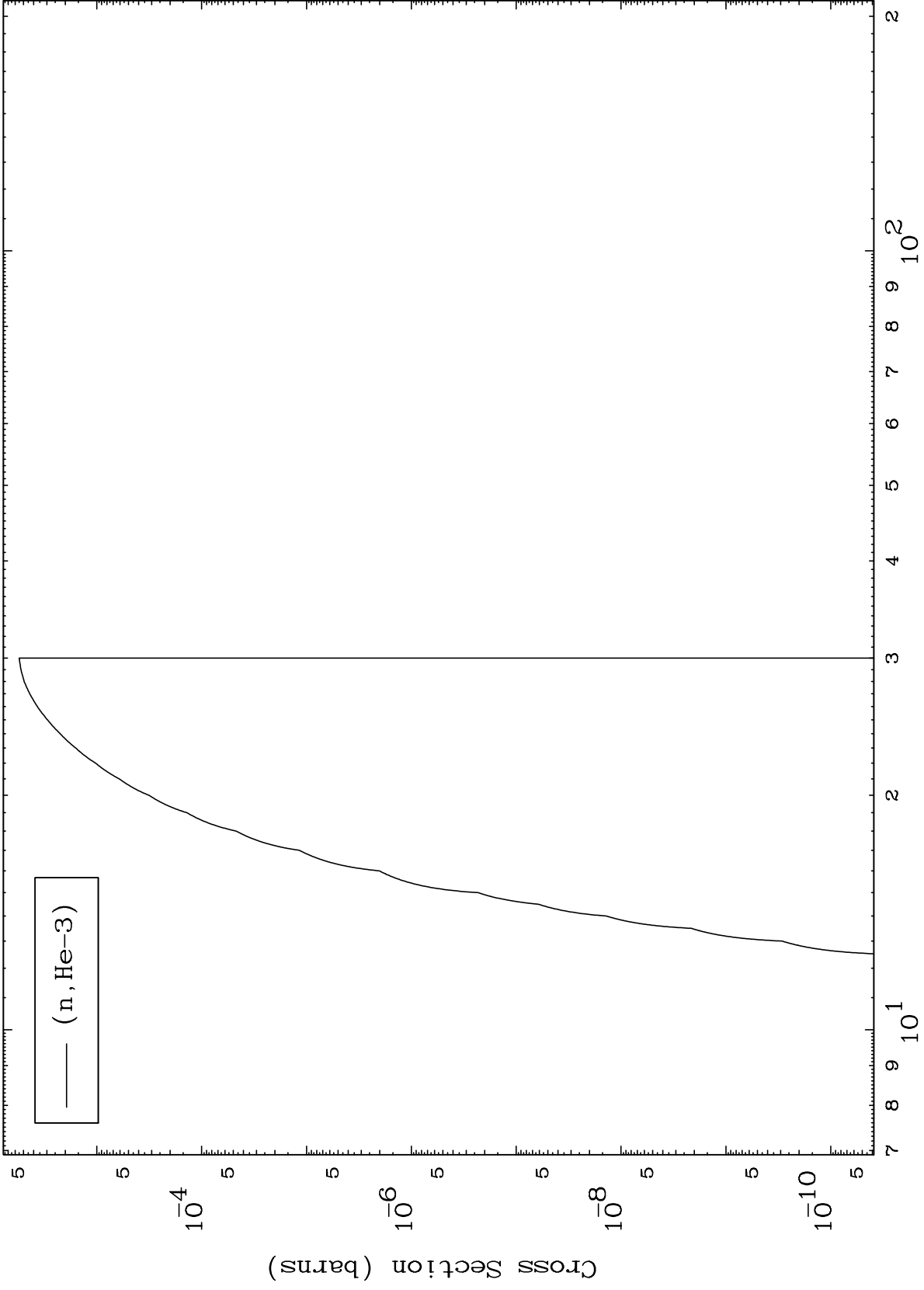
Incident Energy (MeV)

37-Rb-82

MAT 3716

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-82



14

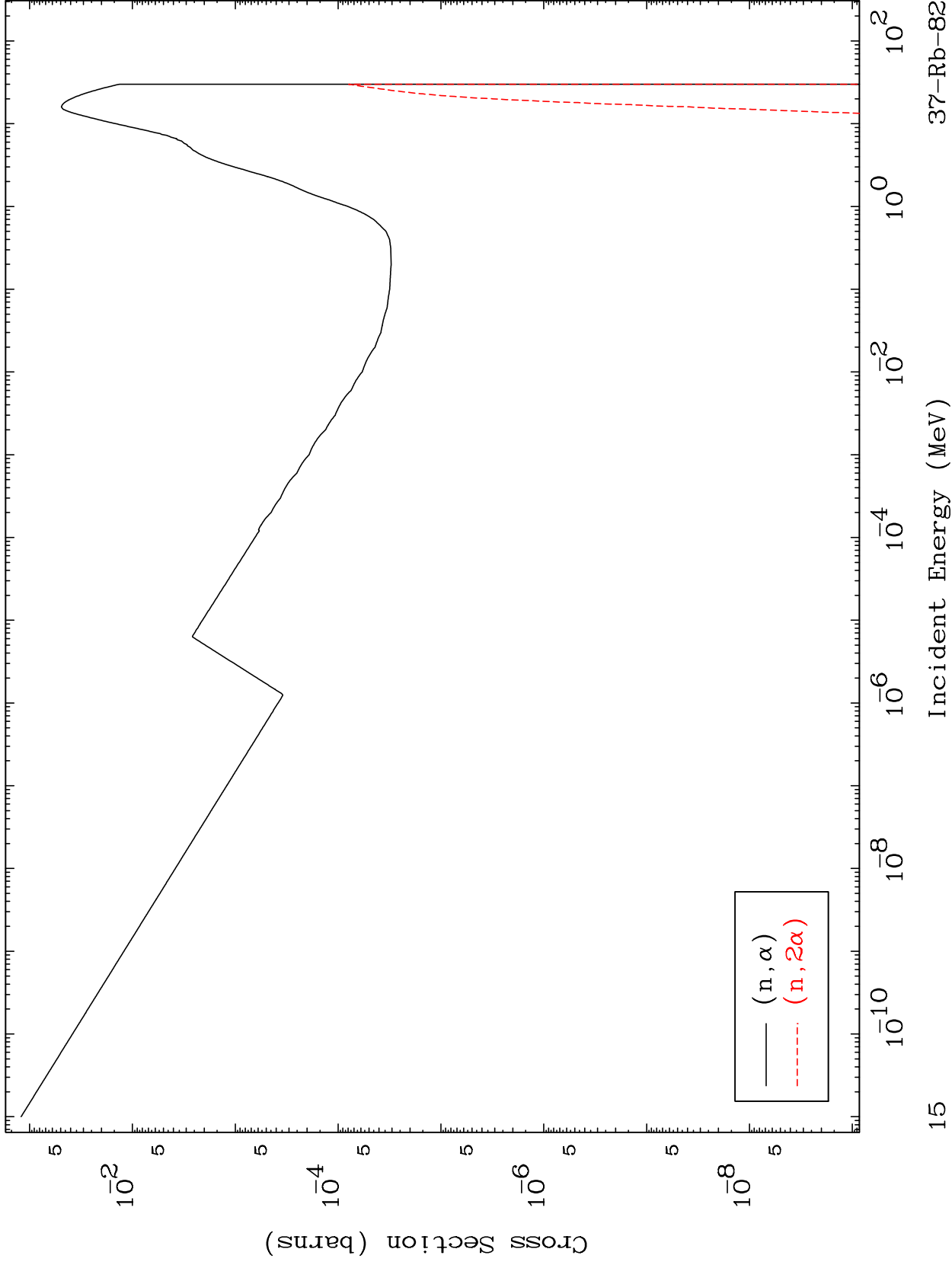
Incident Energy (MeV)

37-Rb-82

MAT 3716

(n,α) Levels
293 Kelvin Cross Sections

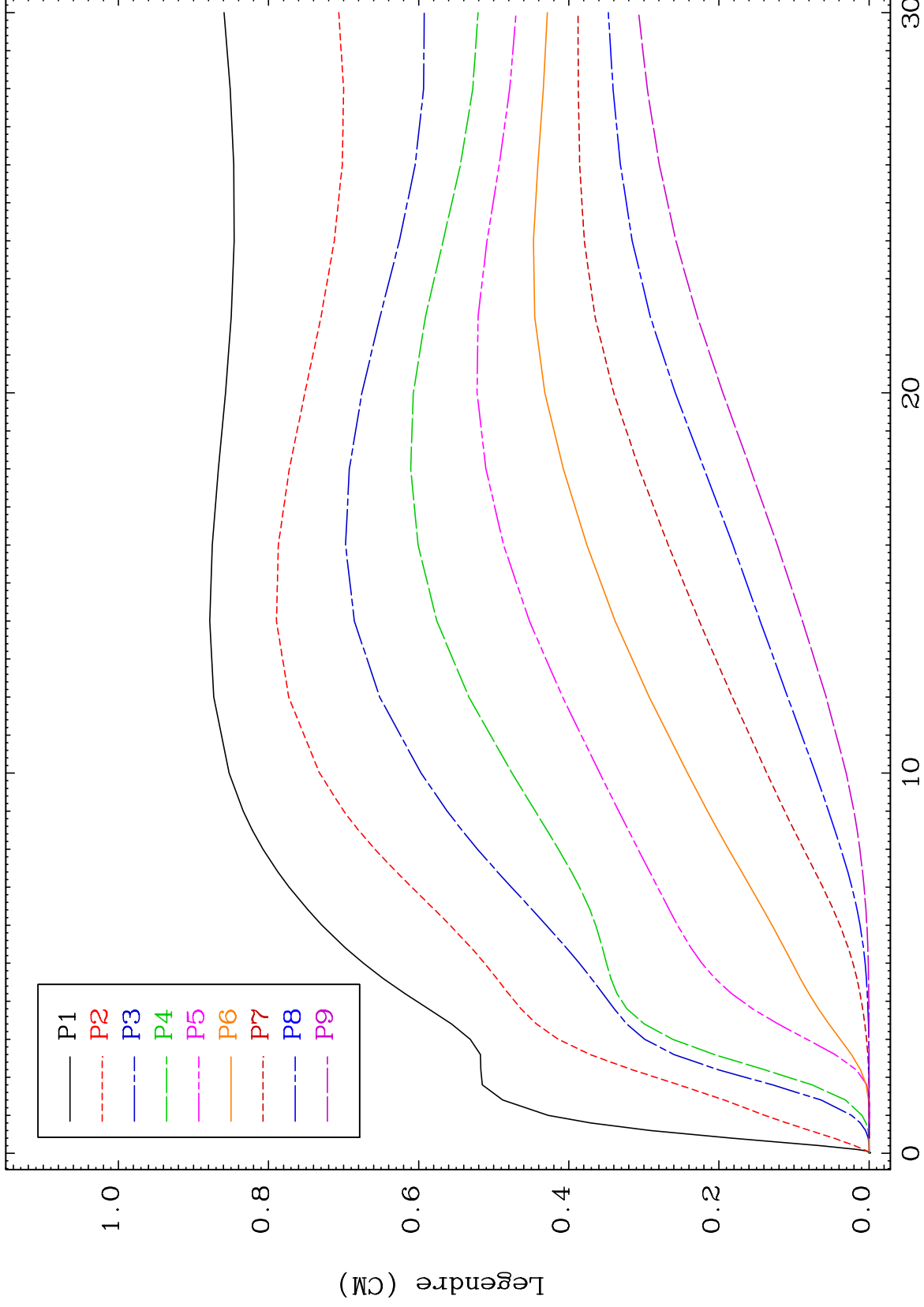
37-Rb-82



MAT 3716

Elastic Legendre Coefficients

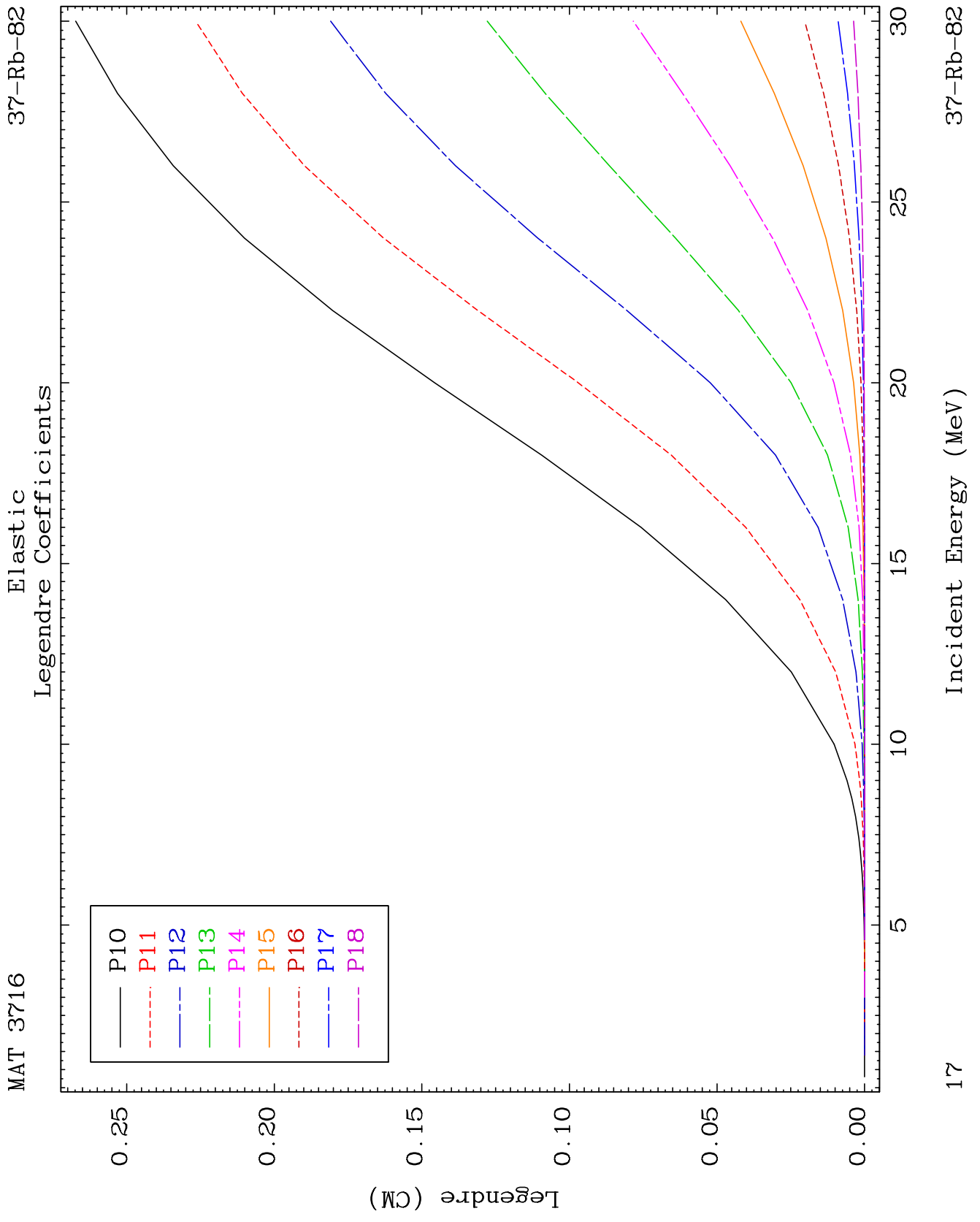
37-Rb-82



16

Incident Energy (MeV)

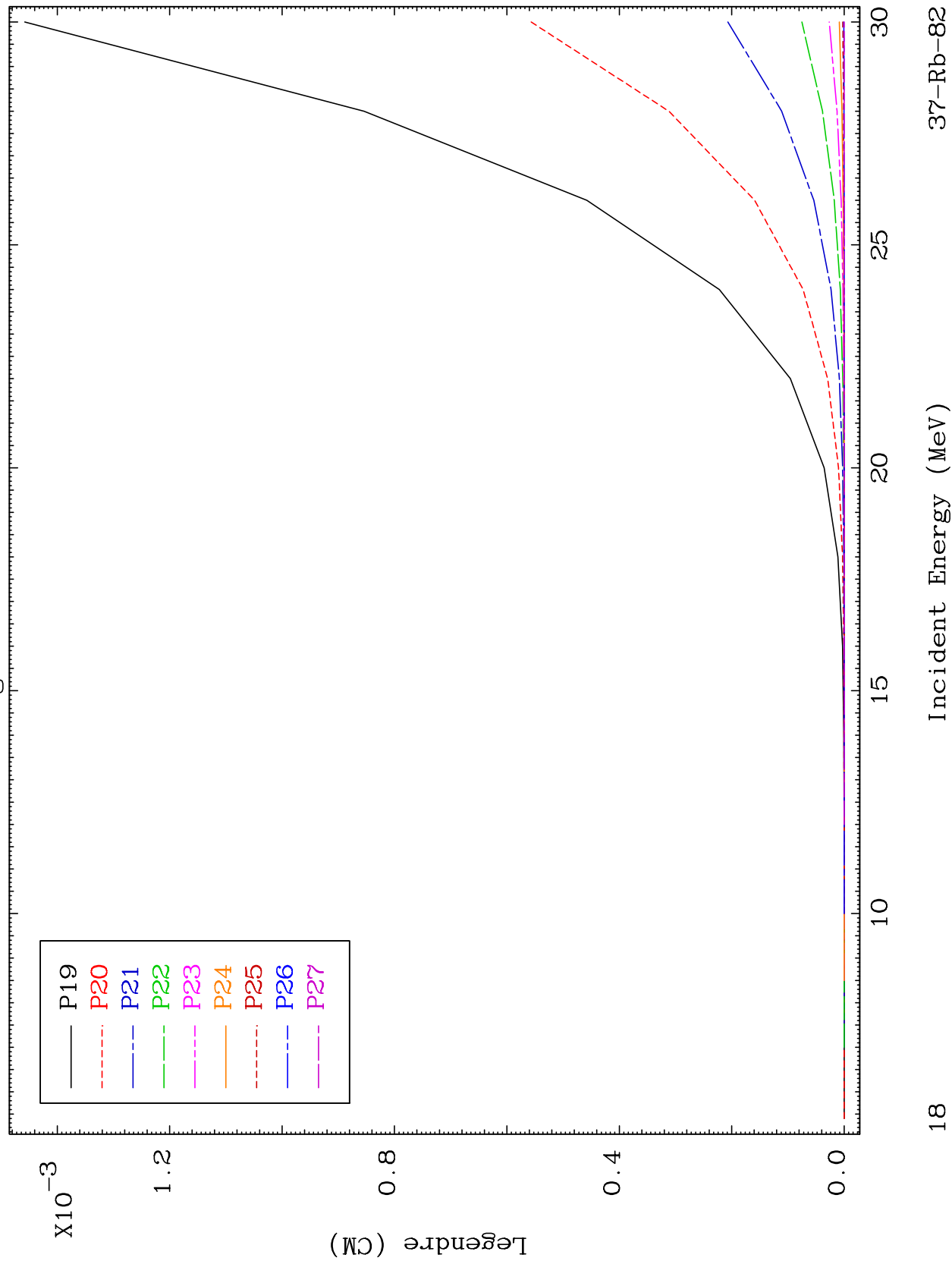
37-Rb-82



MAT 3716

Elastic
Legendre Coefficients

37-Rb-82



18

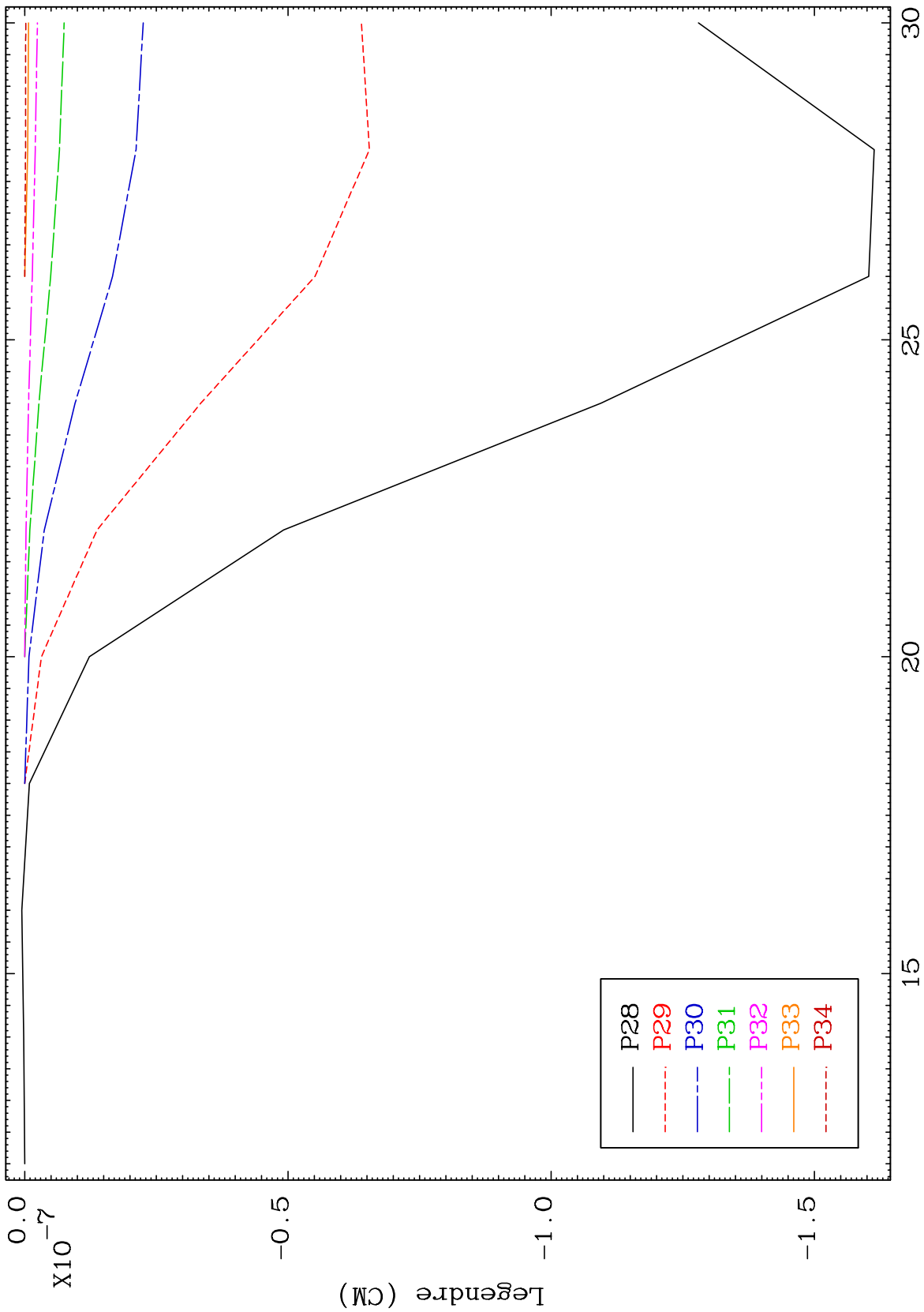
Incident Energy (MeV)

37-Rb-82

MAT 3716

37-Rb-82

Elastic Legendre Coefficients



19

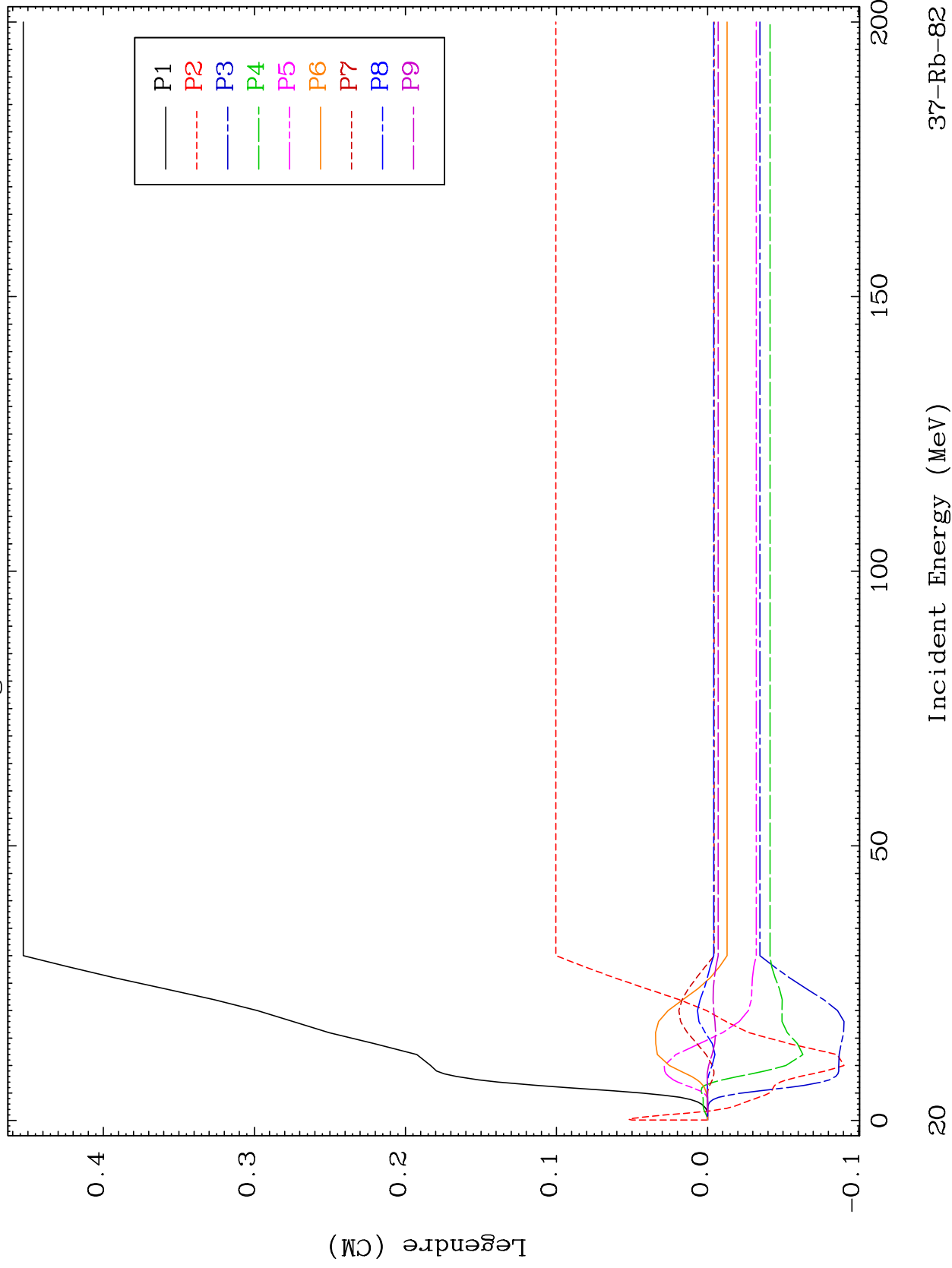
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82

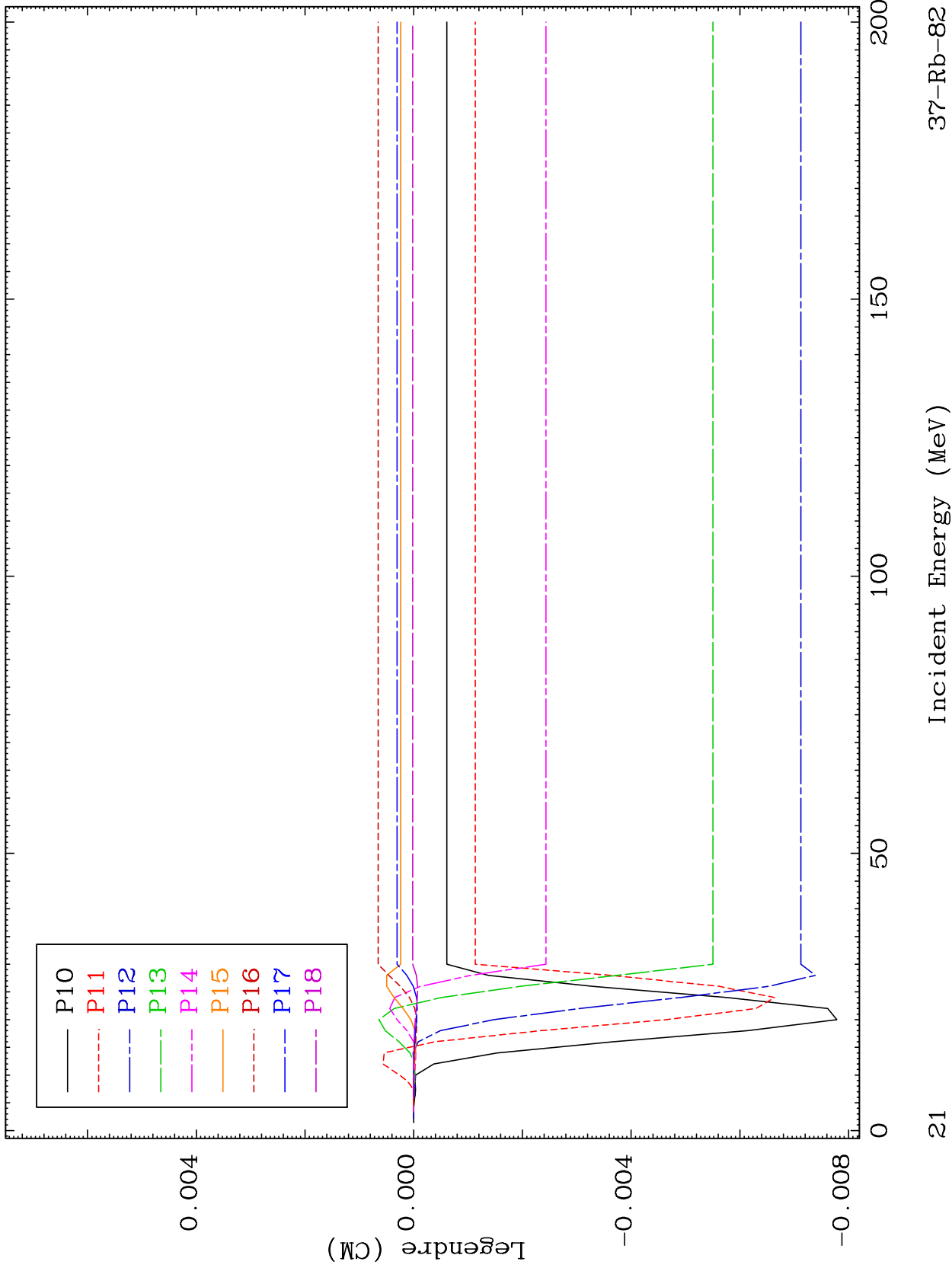


37-Rb-82

MAT 3716

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

37-Rb-82



21

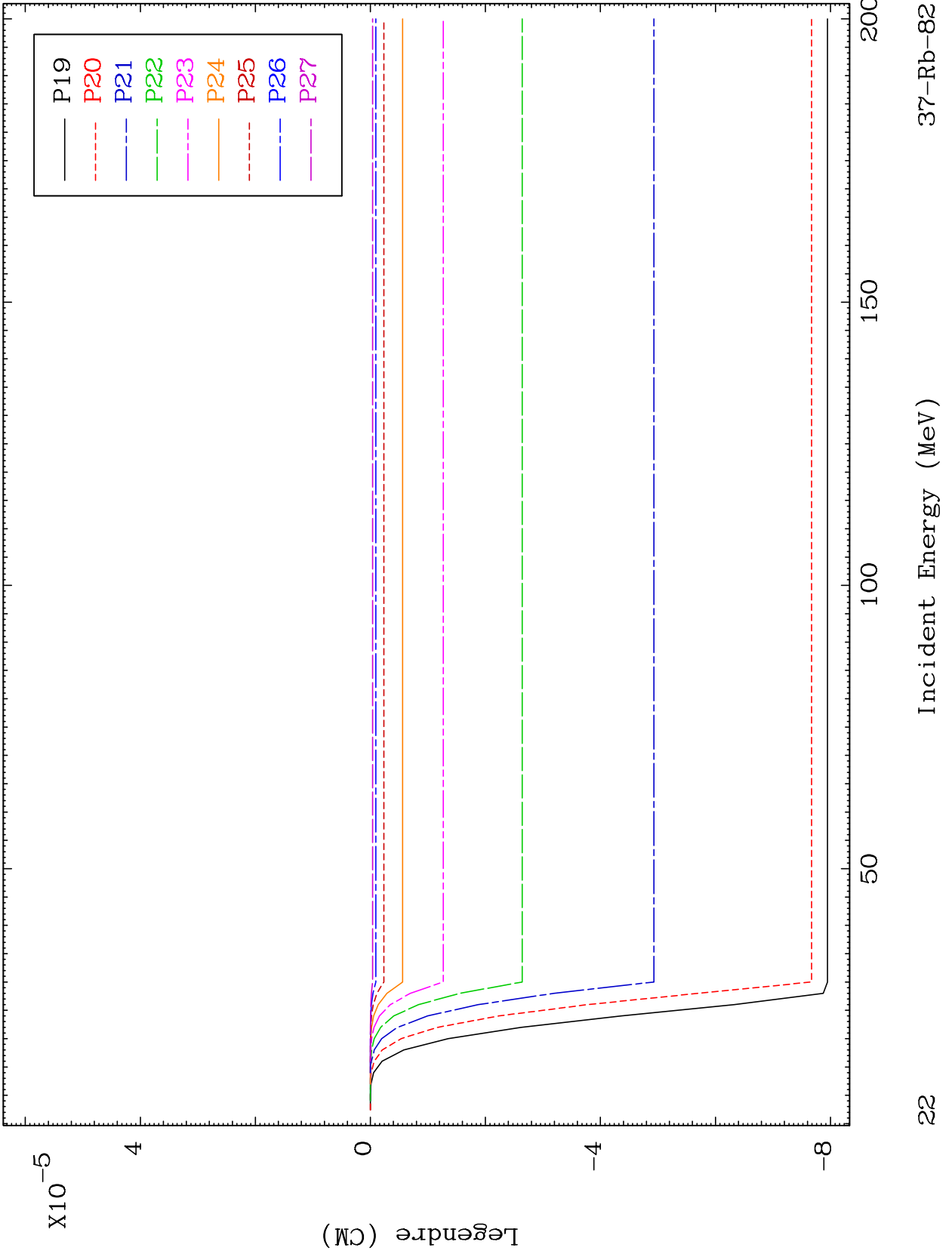
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



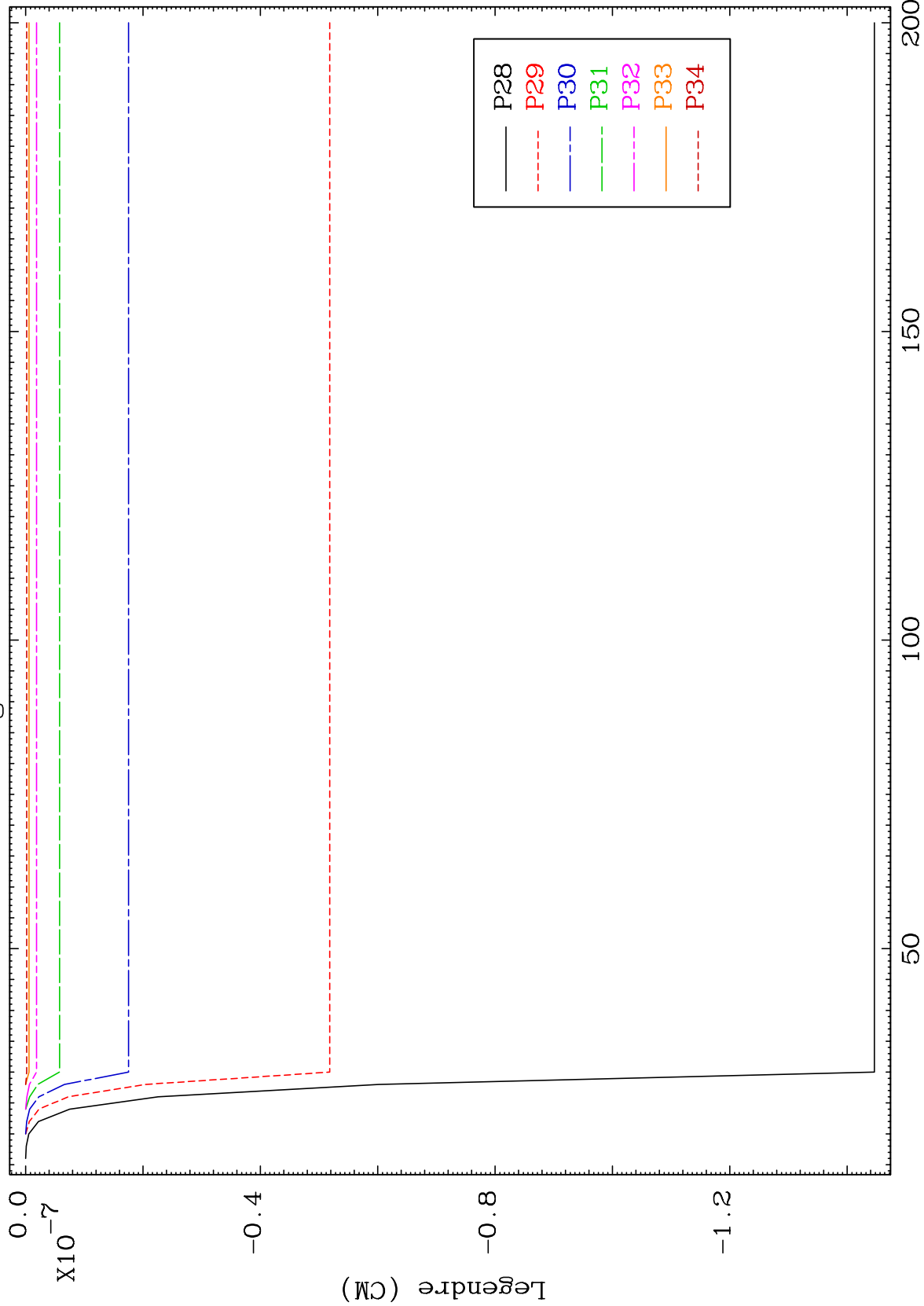
22

37-Rb-82

MAT 3716

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

37-Rb-82



23

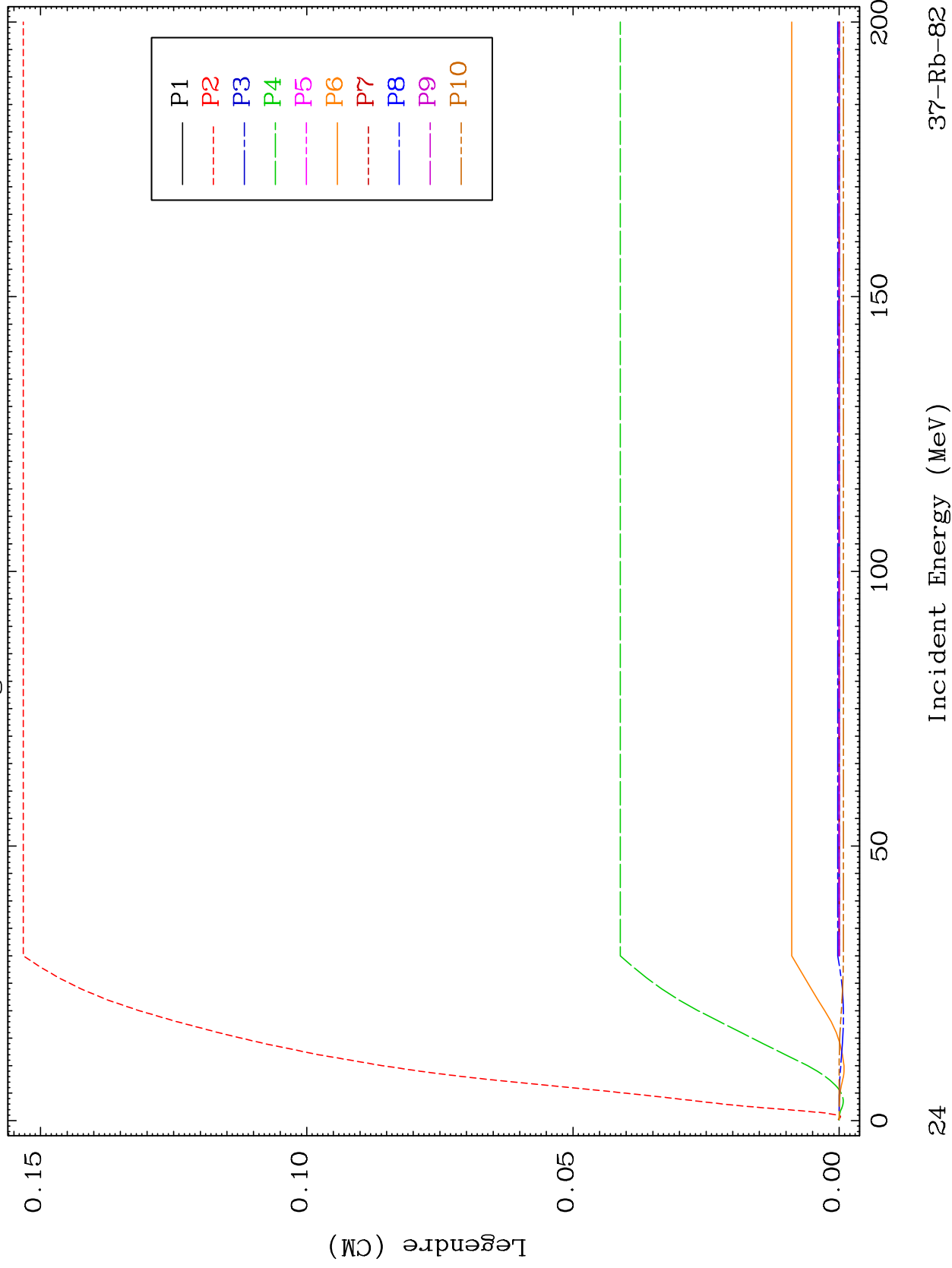
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



24

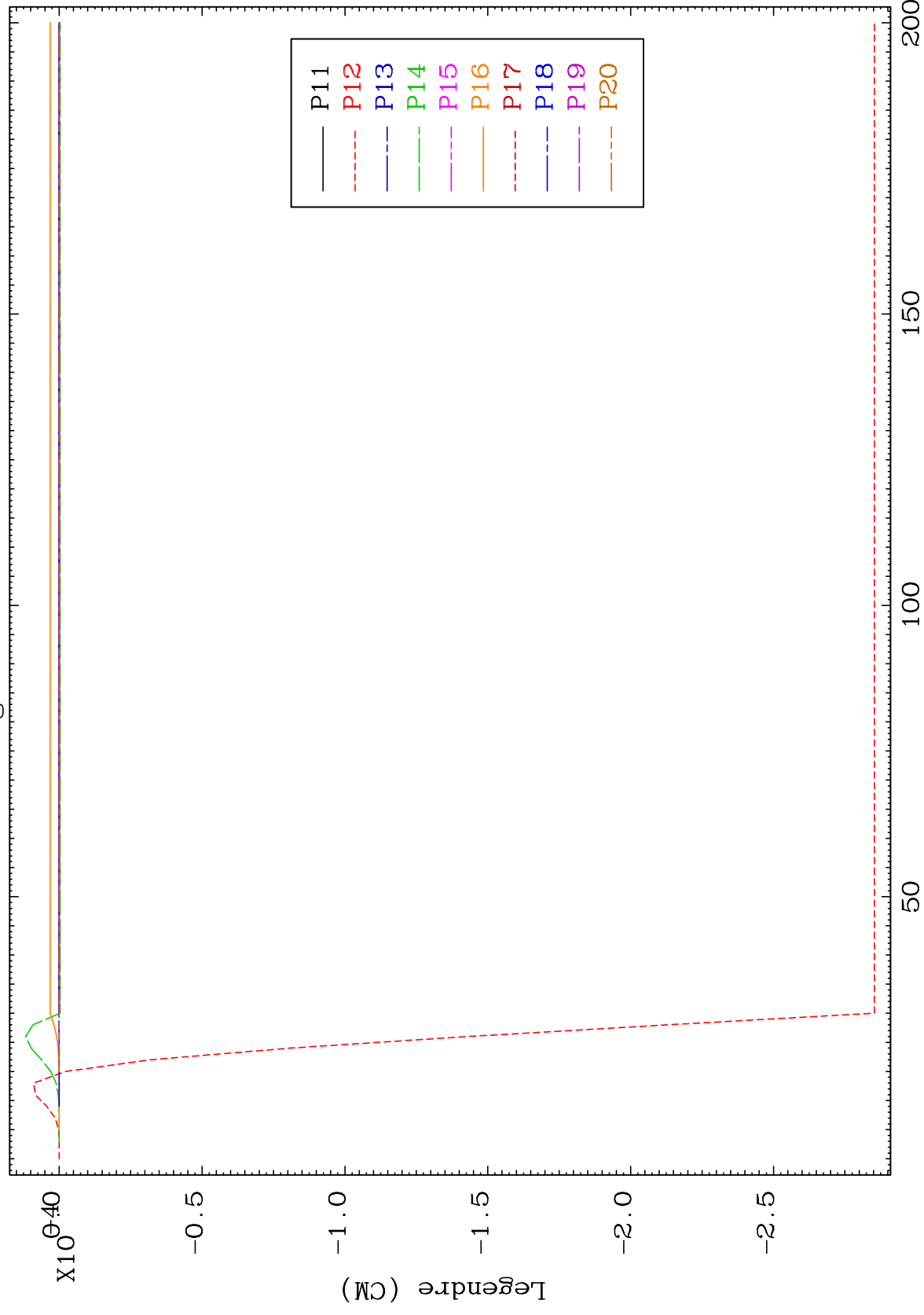
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



25

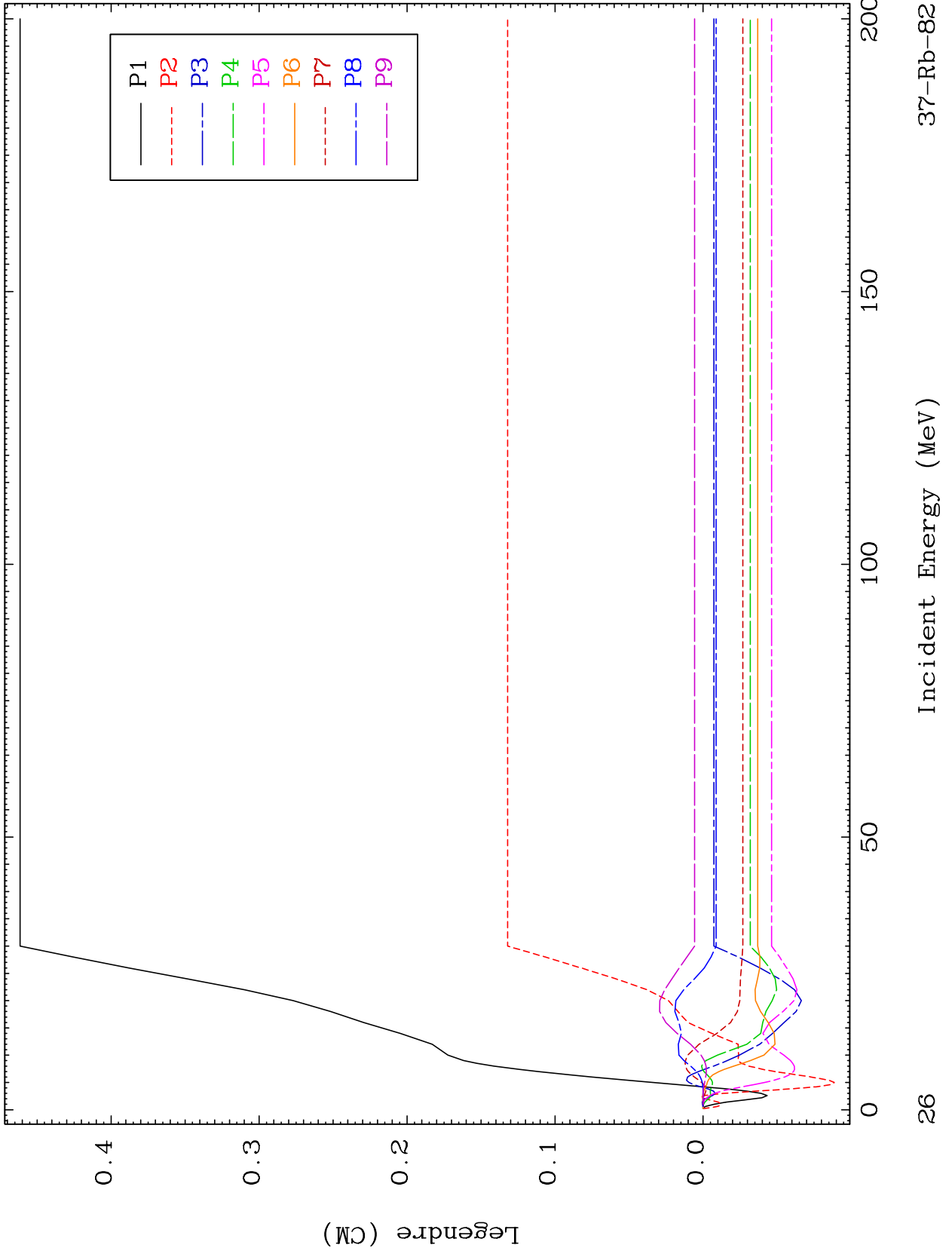
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



26

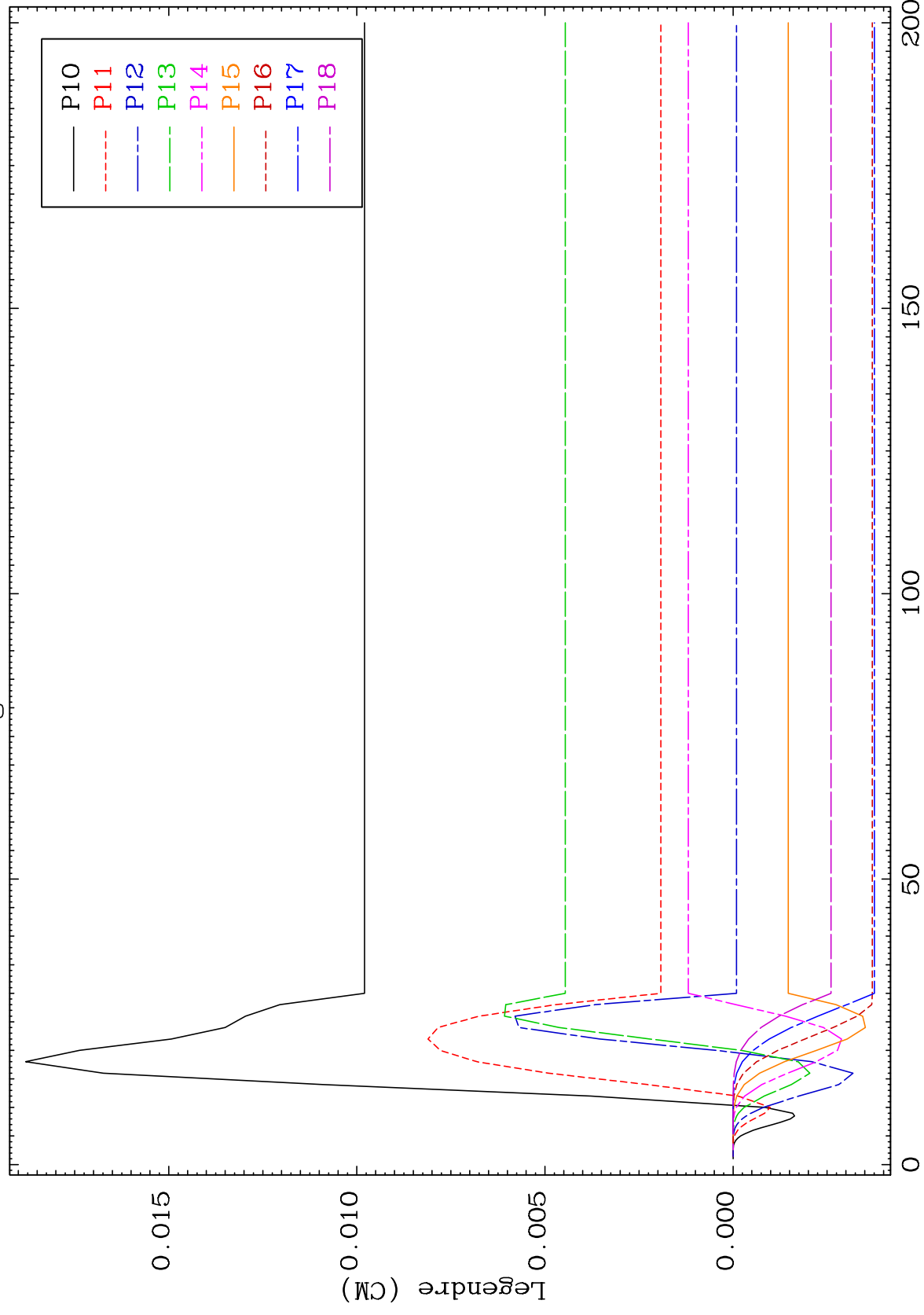
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82

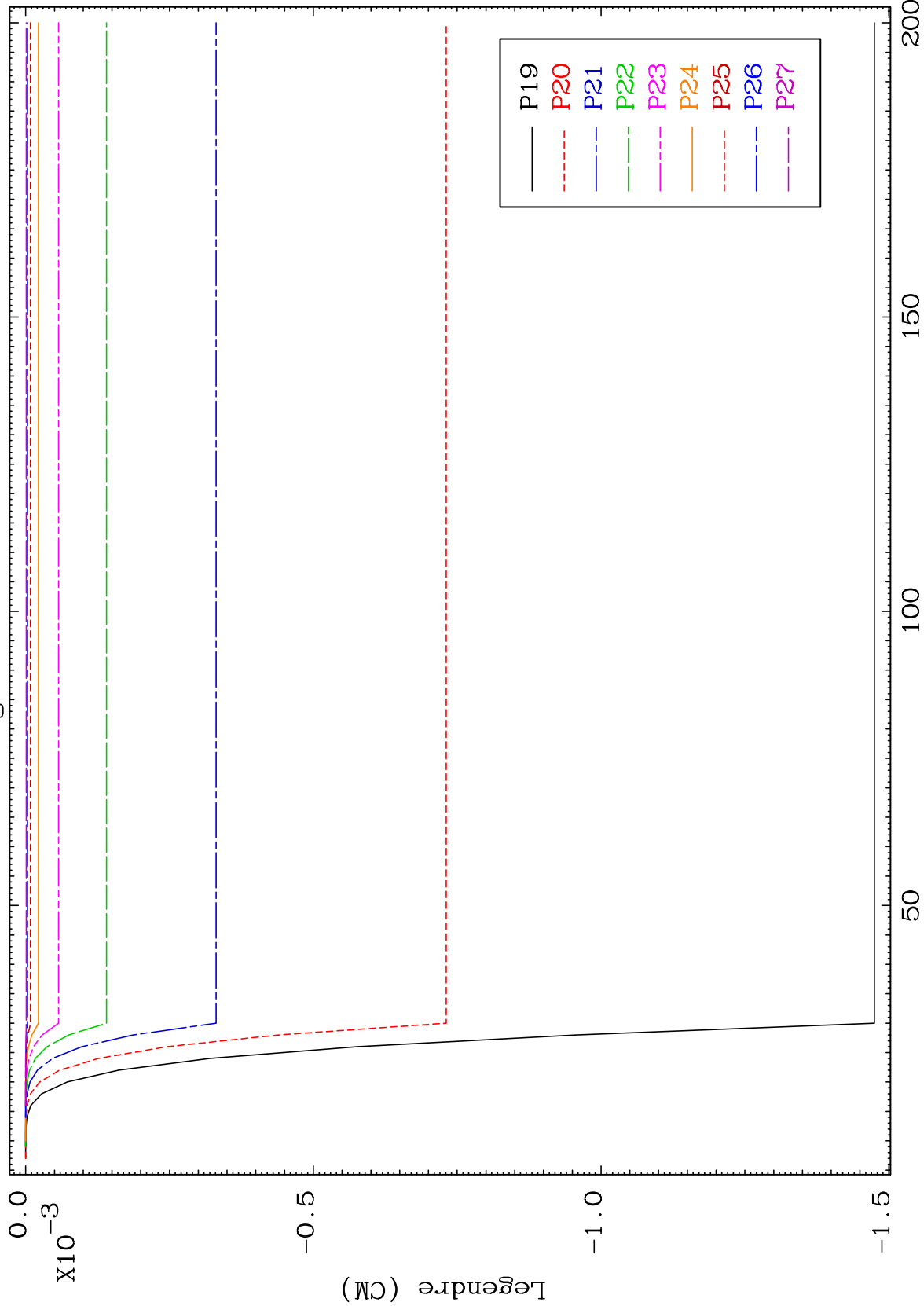


37-Rb-82

Incident Energy (MeV)

27

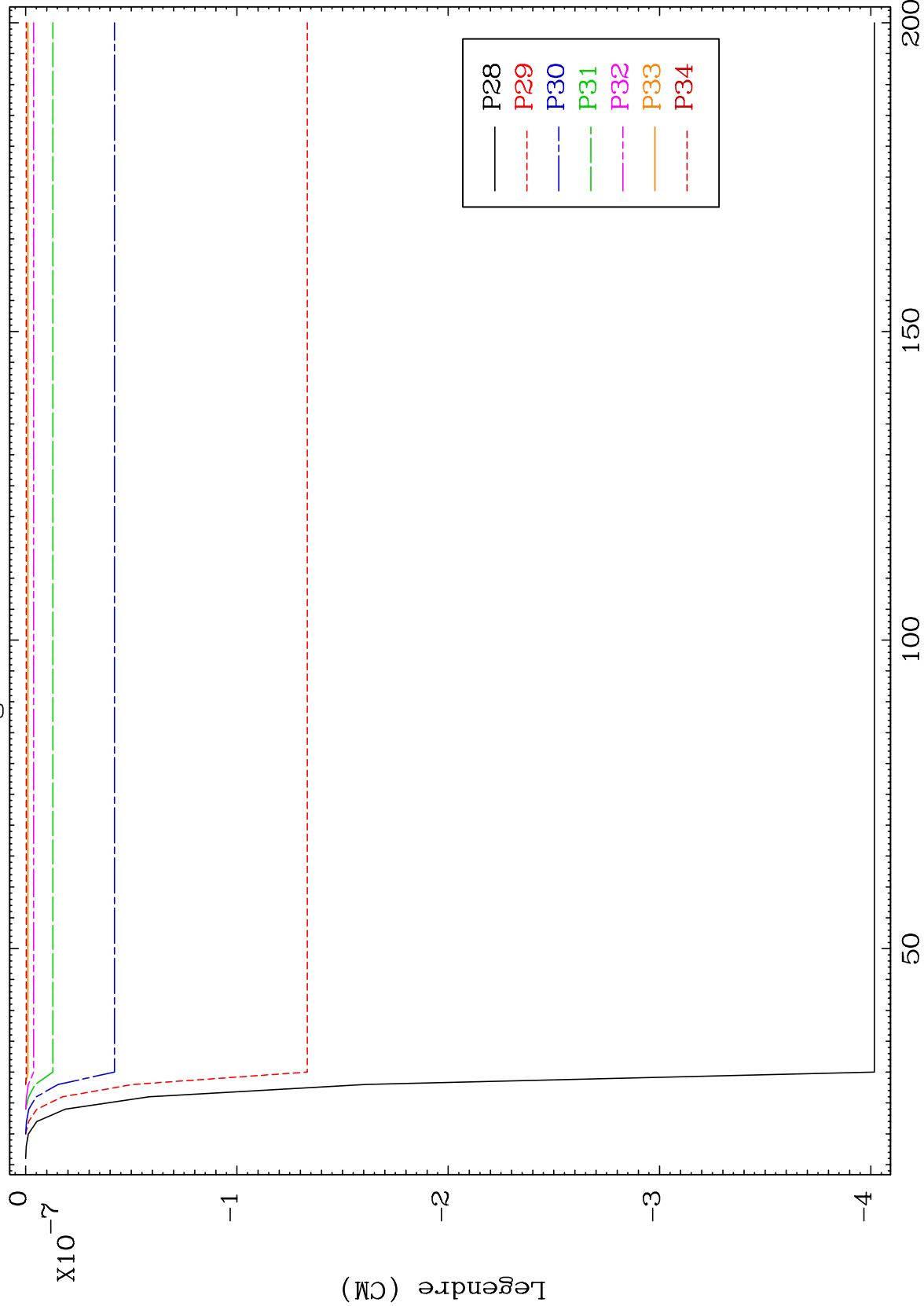
Legendre Coefficients



MAT 3716

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

37-Rb-82



29

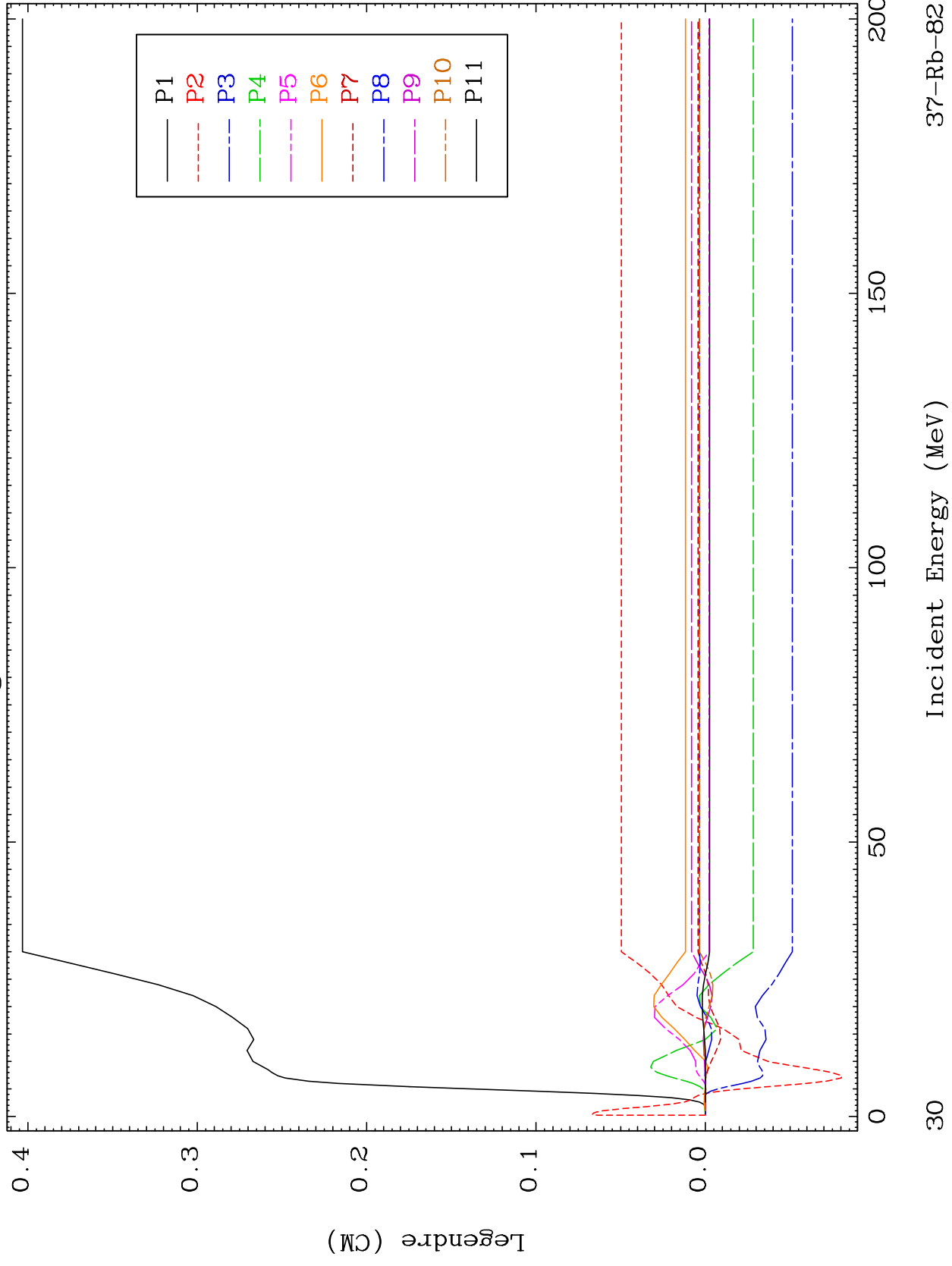
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

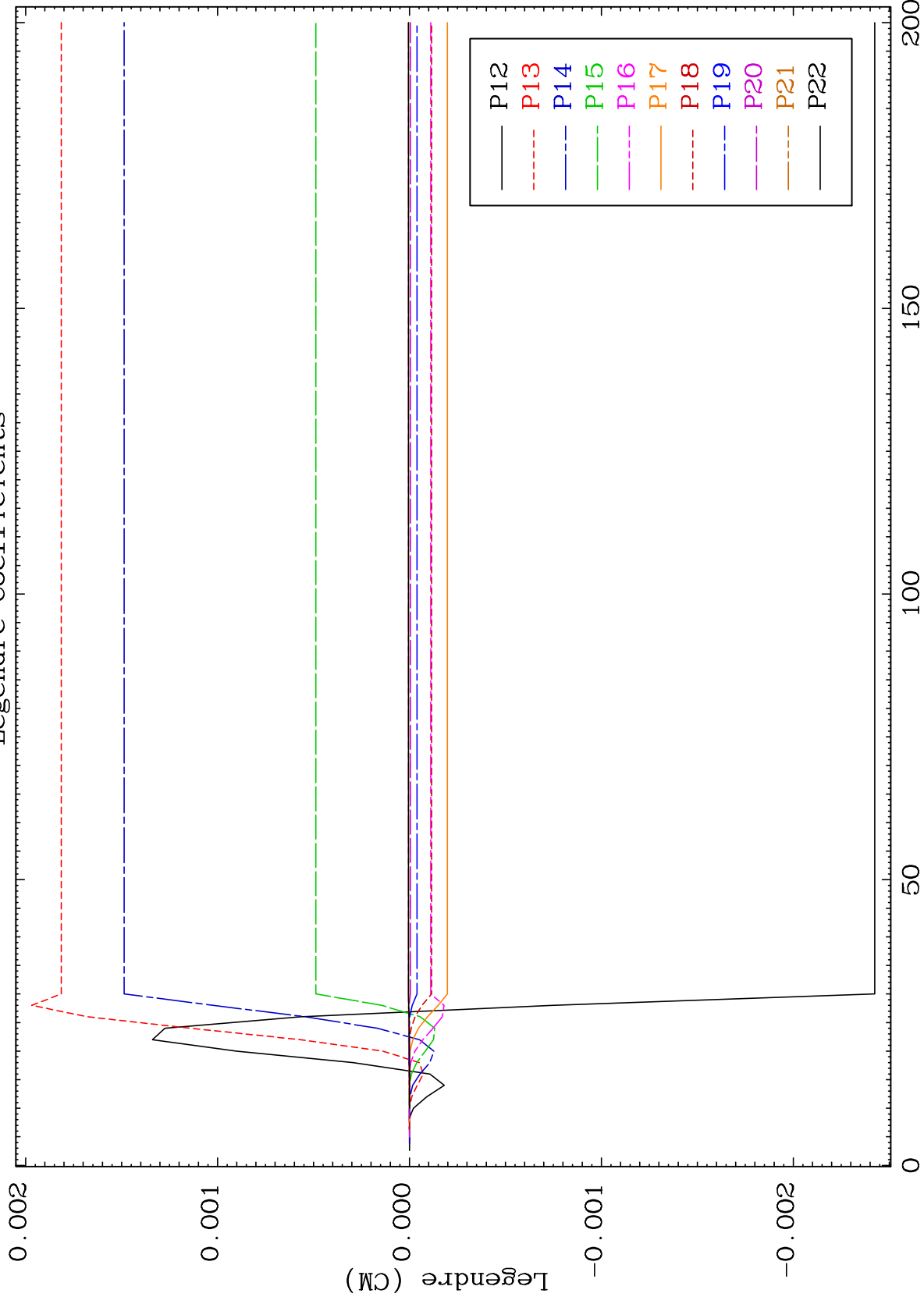
37-Rb-82



37-Rb-82

Incident Energy (MeV)

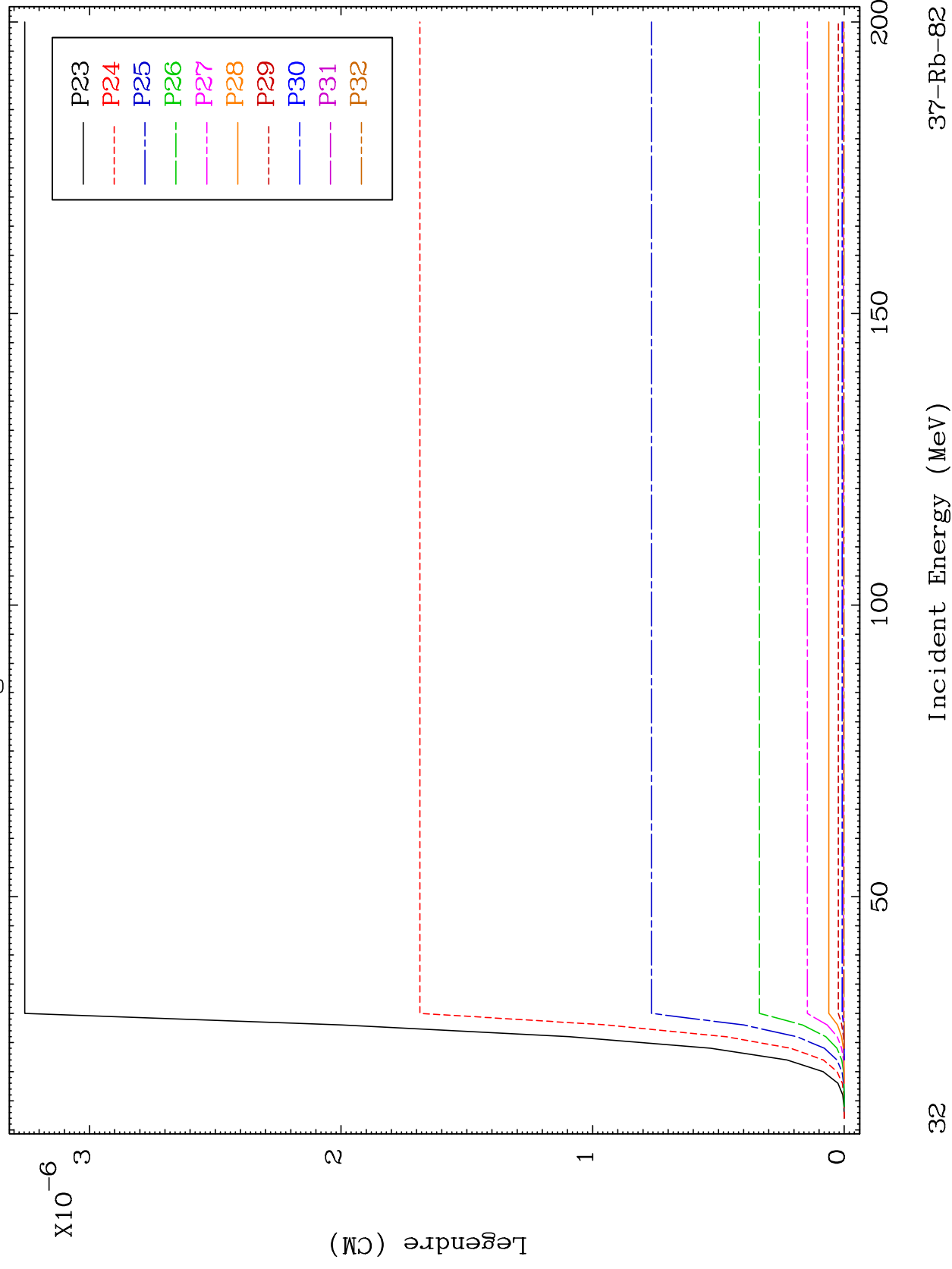
30



MAT 3716

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

37-Rb-82



32

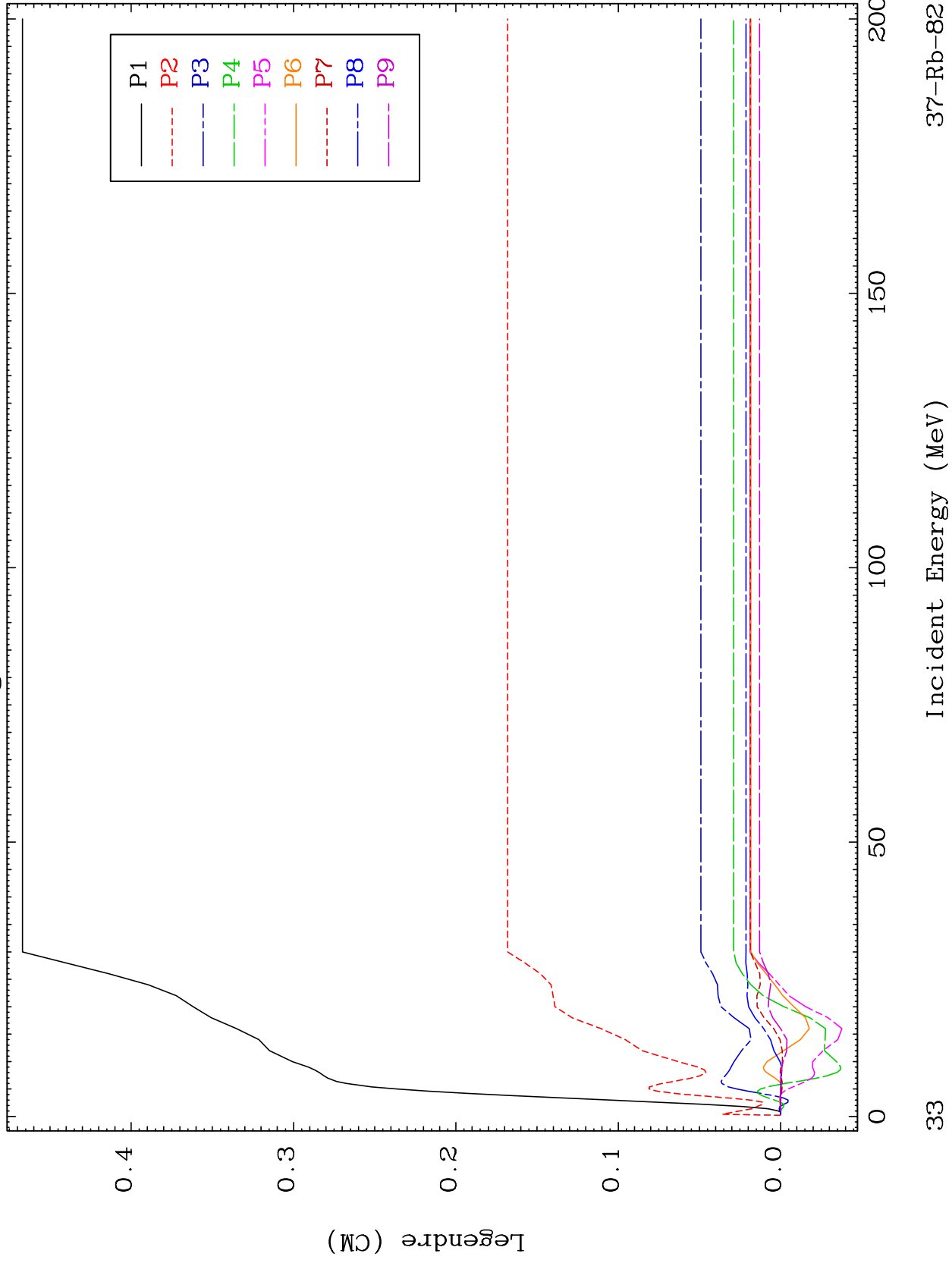
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



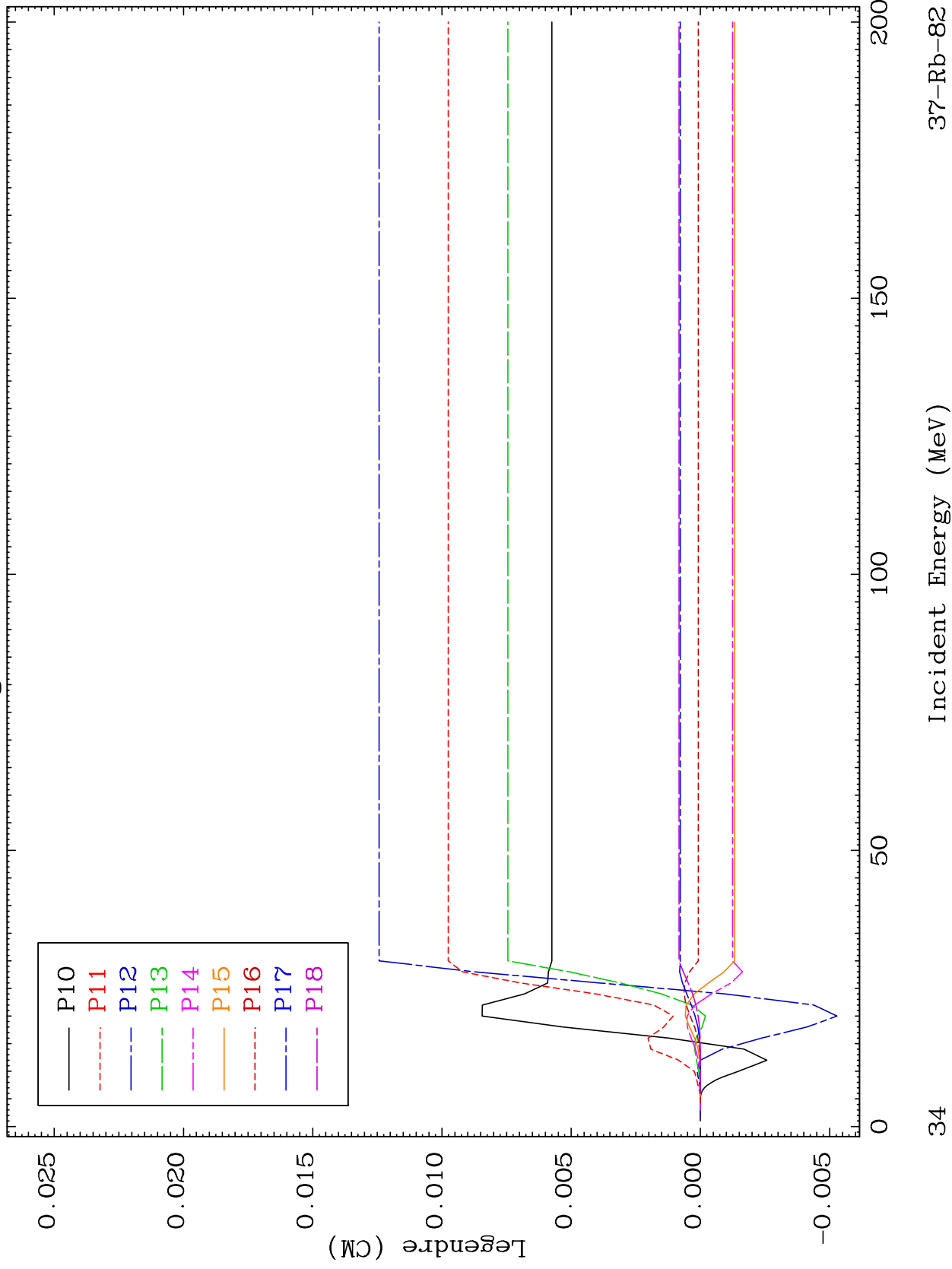
33

37-Rb-82

MAT 3716

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

37-Rb-82



34

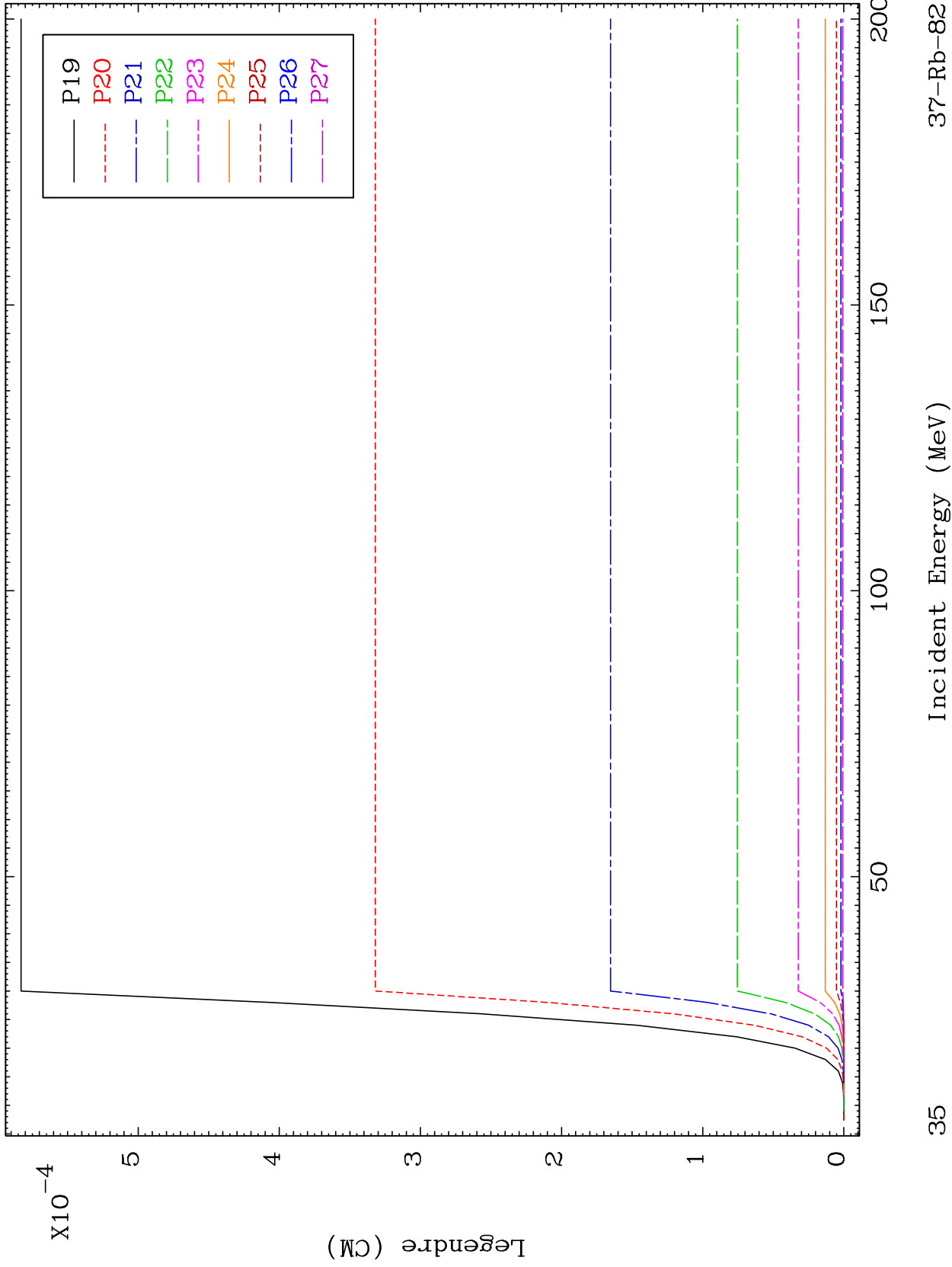
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



35

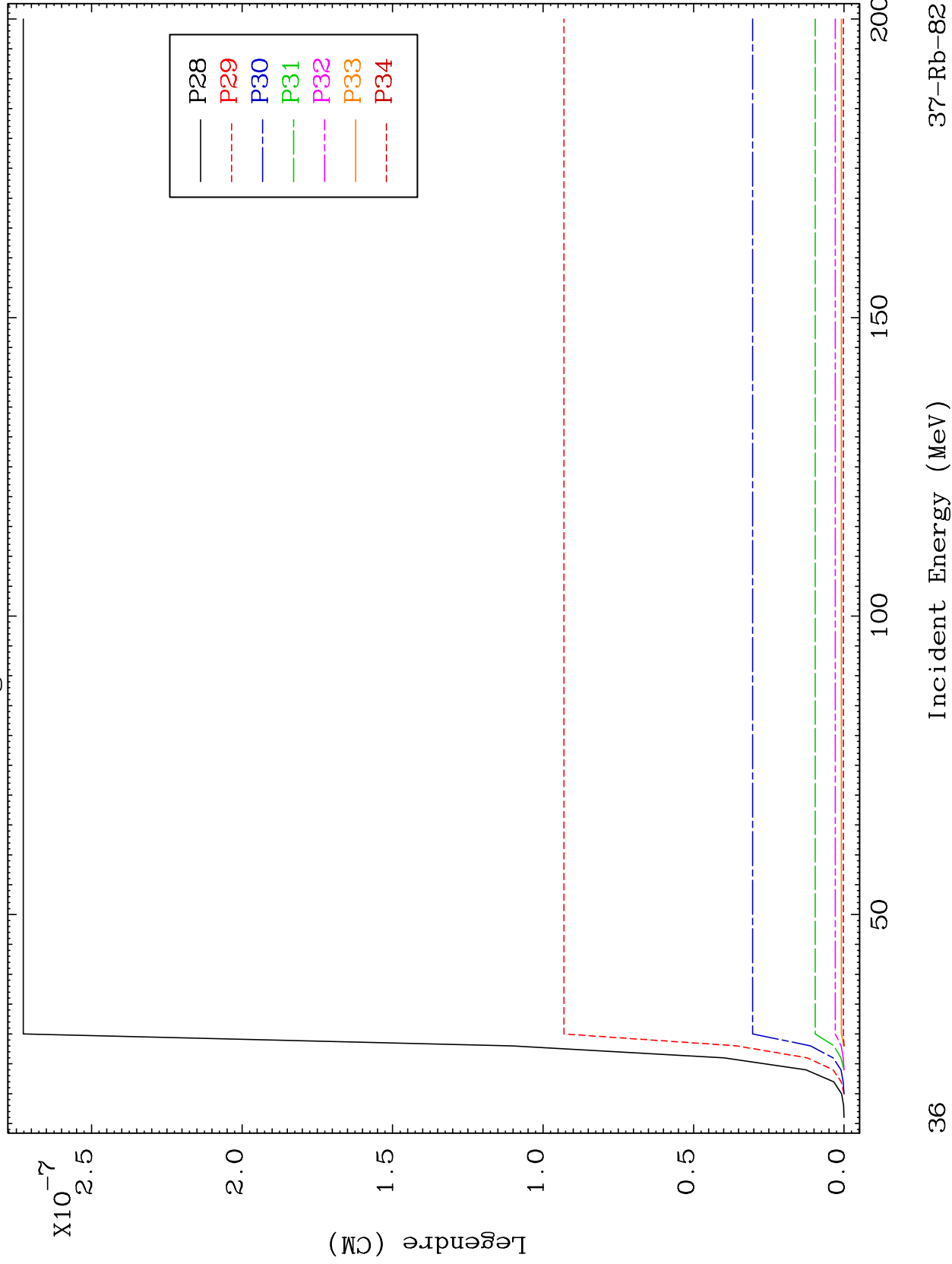
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



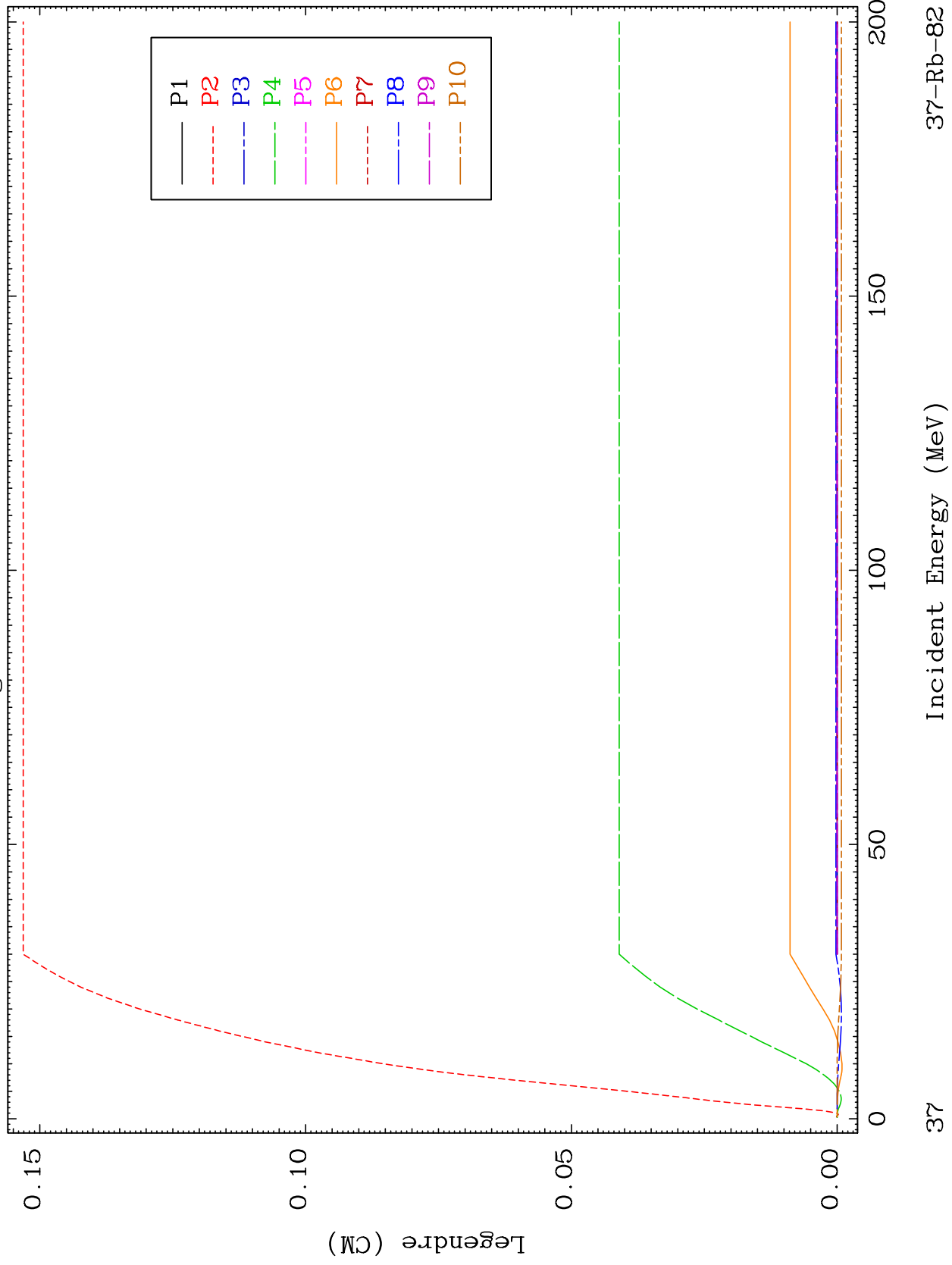
36

37-Rb-82

MAT 3716

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

37-Rb-82



37

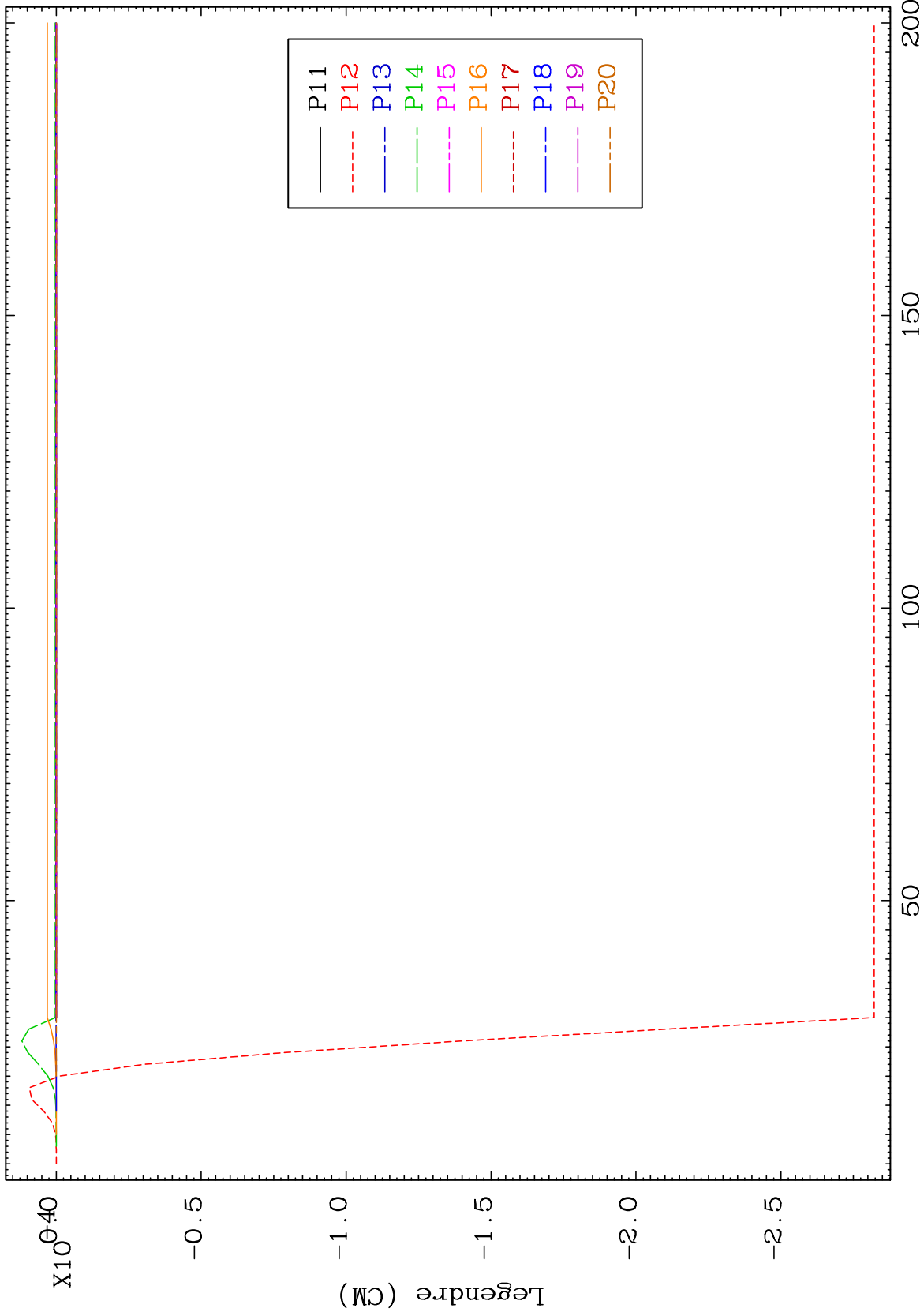
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



38

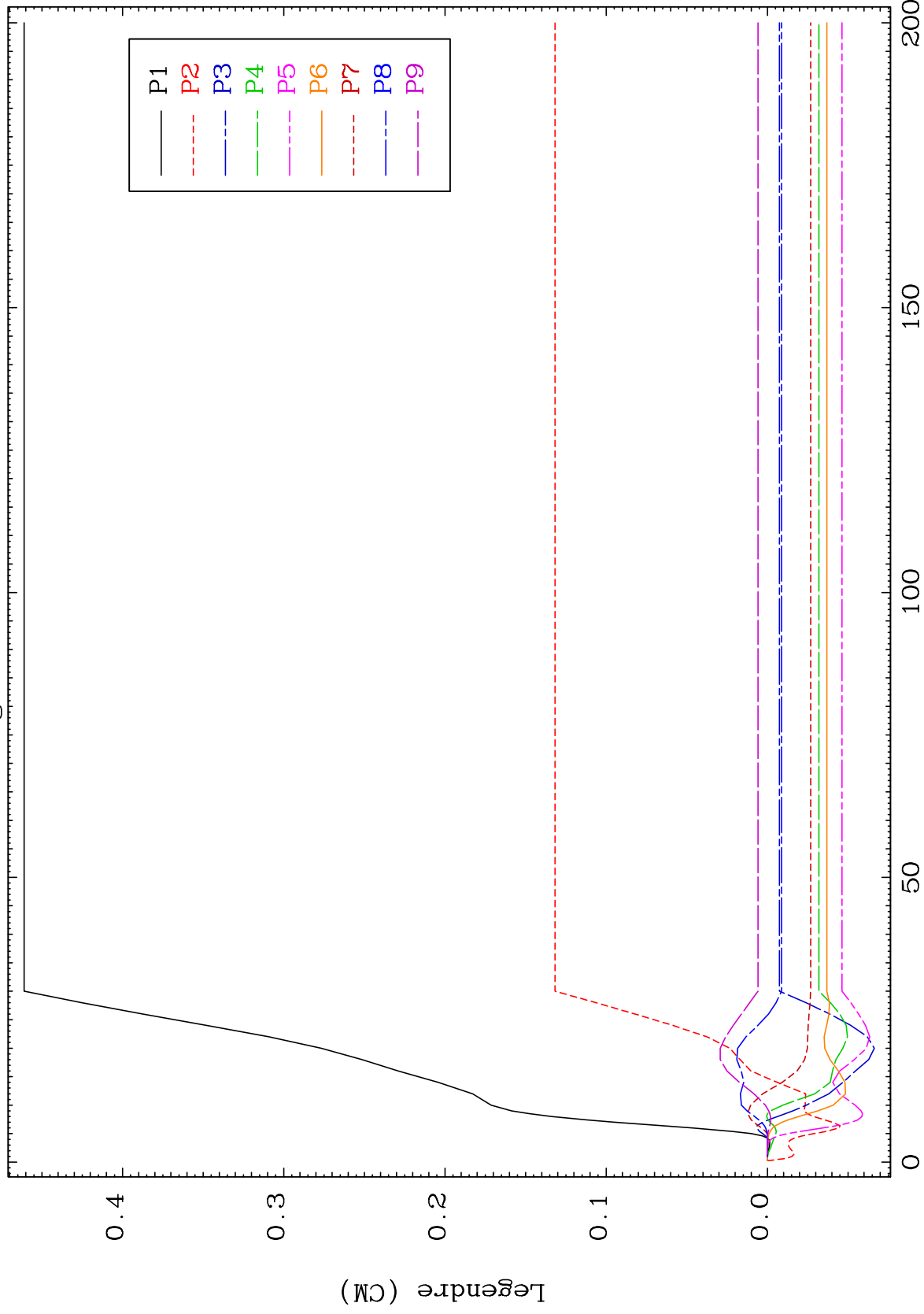
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

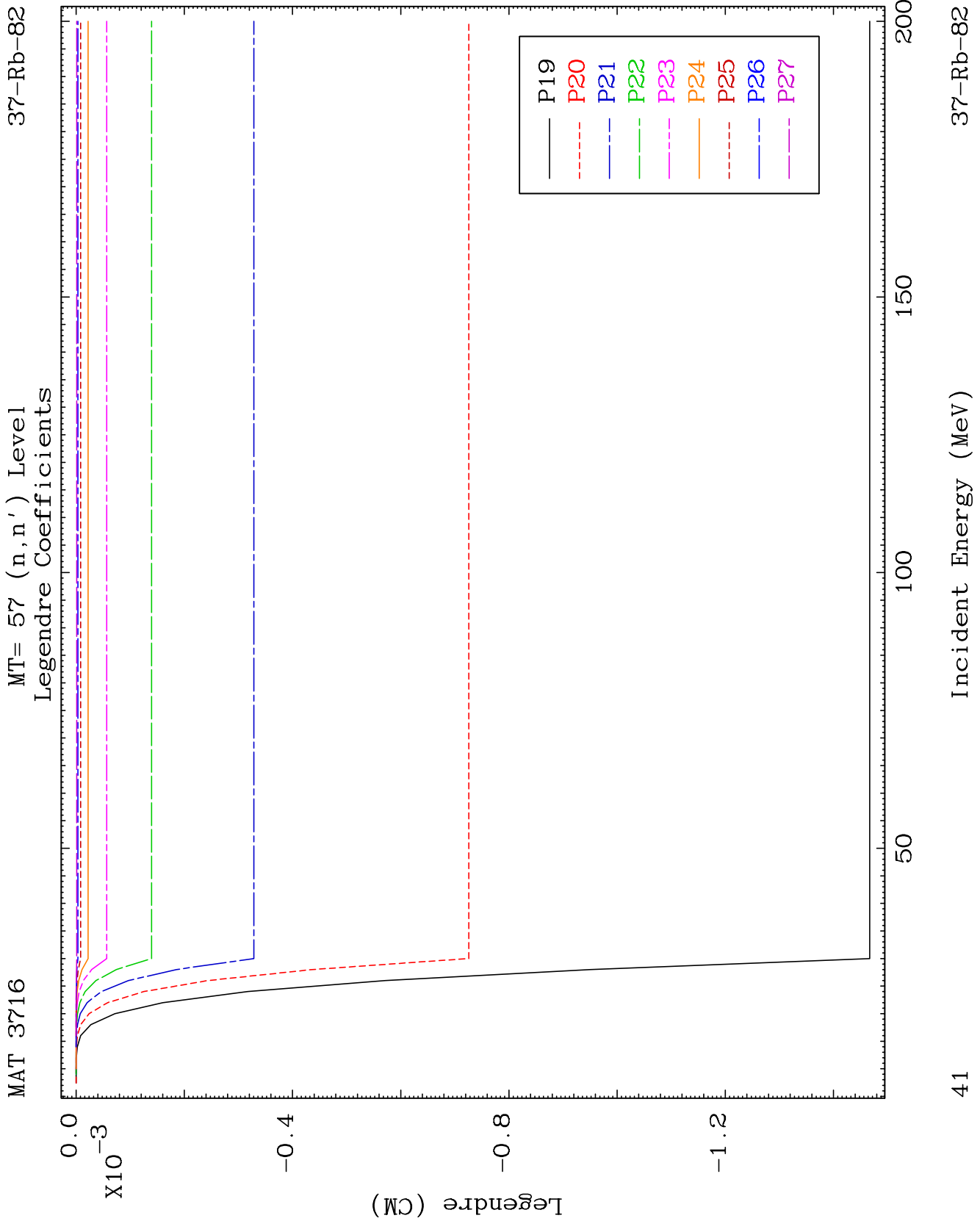
37-Rb-82



39

Incident Energy (MeV)

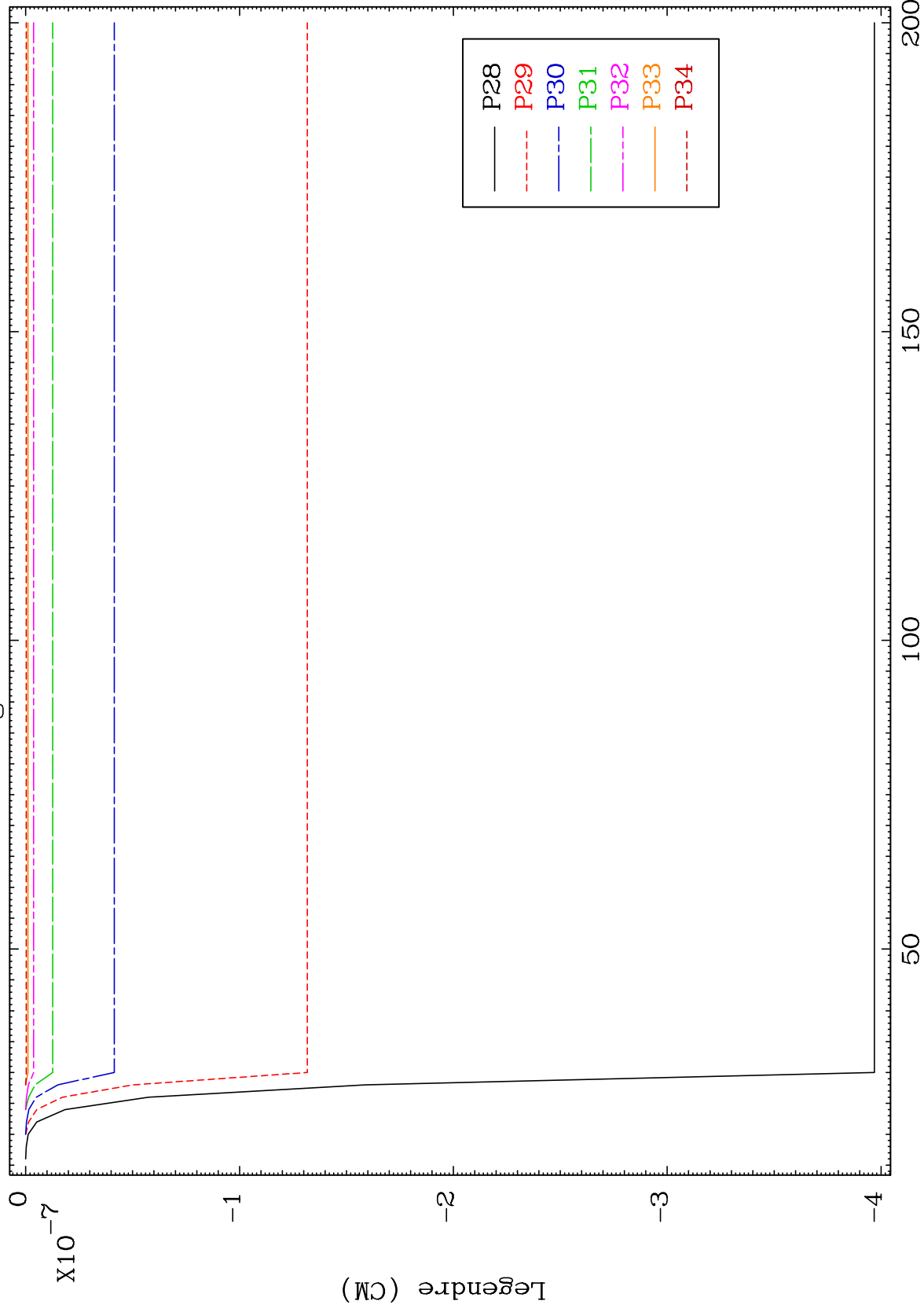
37-Rb-82



MAT 3716

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

37-Rb-82



42

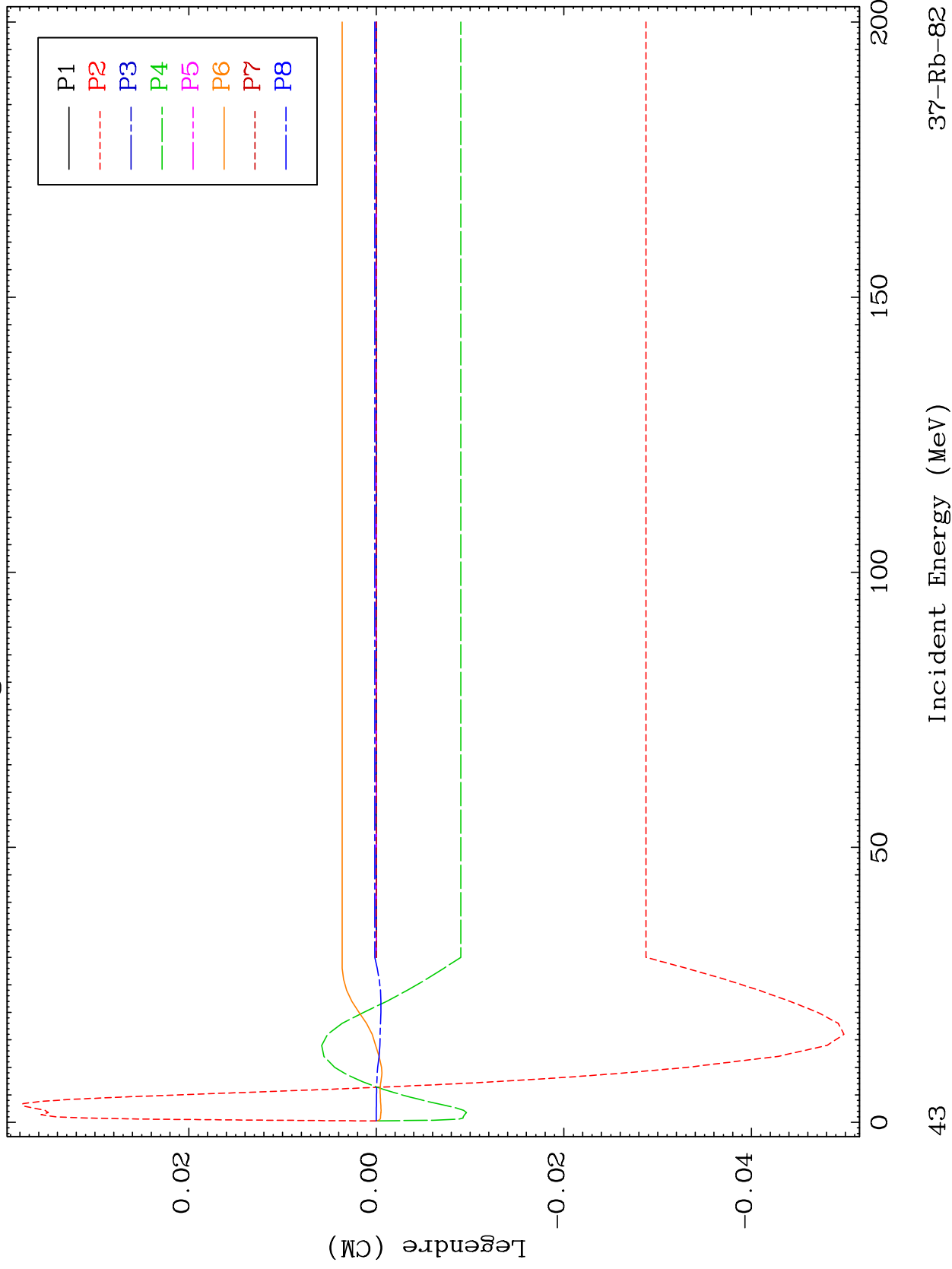
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



37-Rb-82

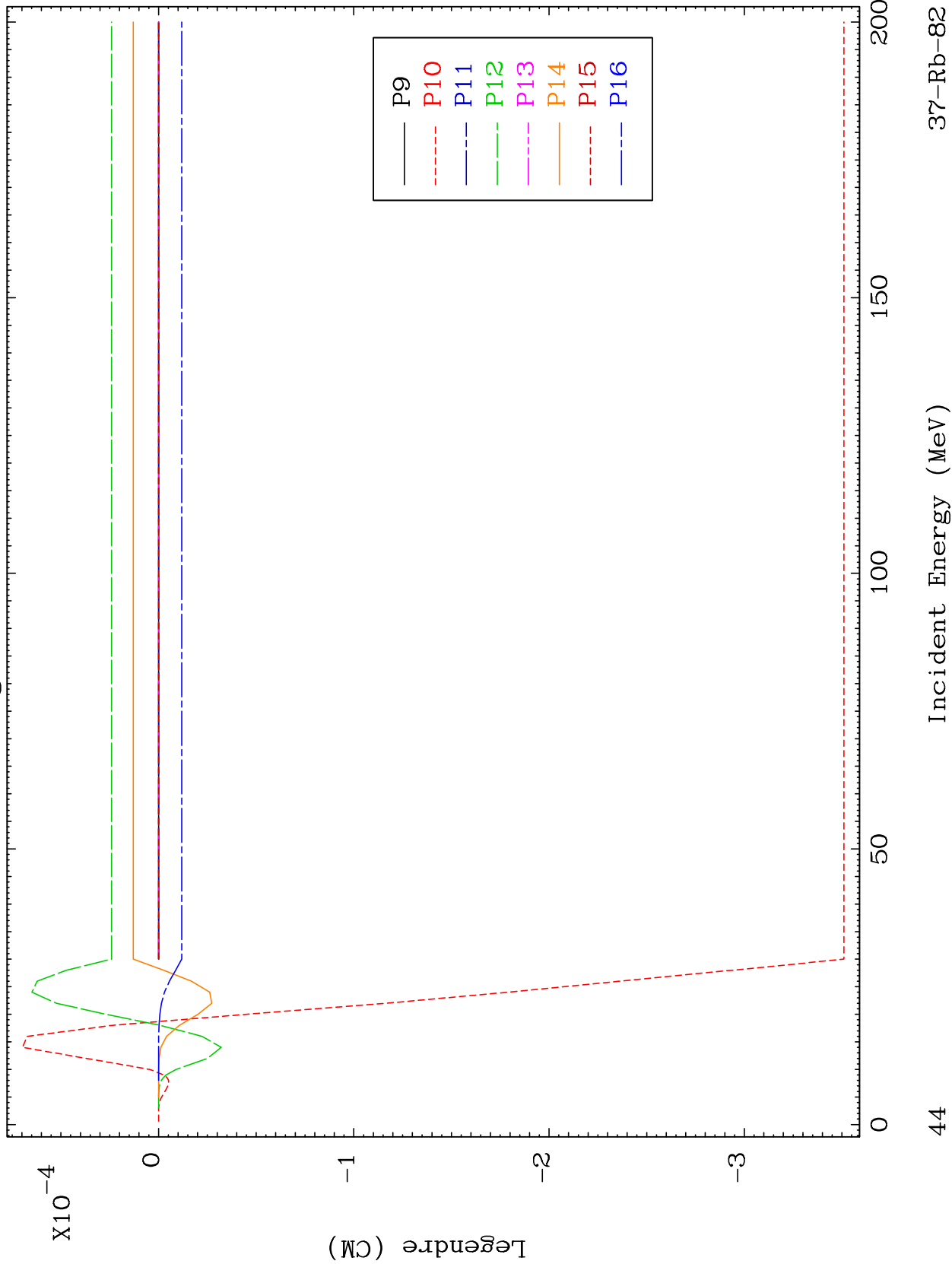
Incident Energy (MeV)

43

MAT 3716

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

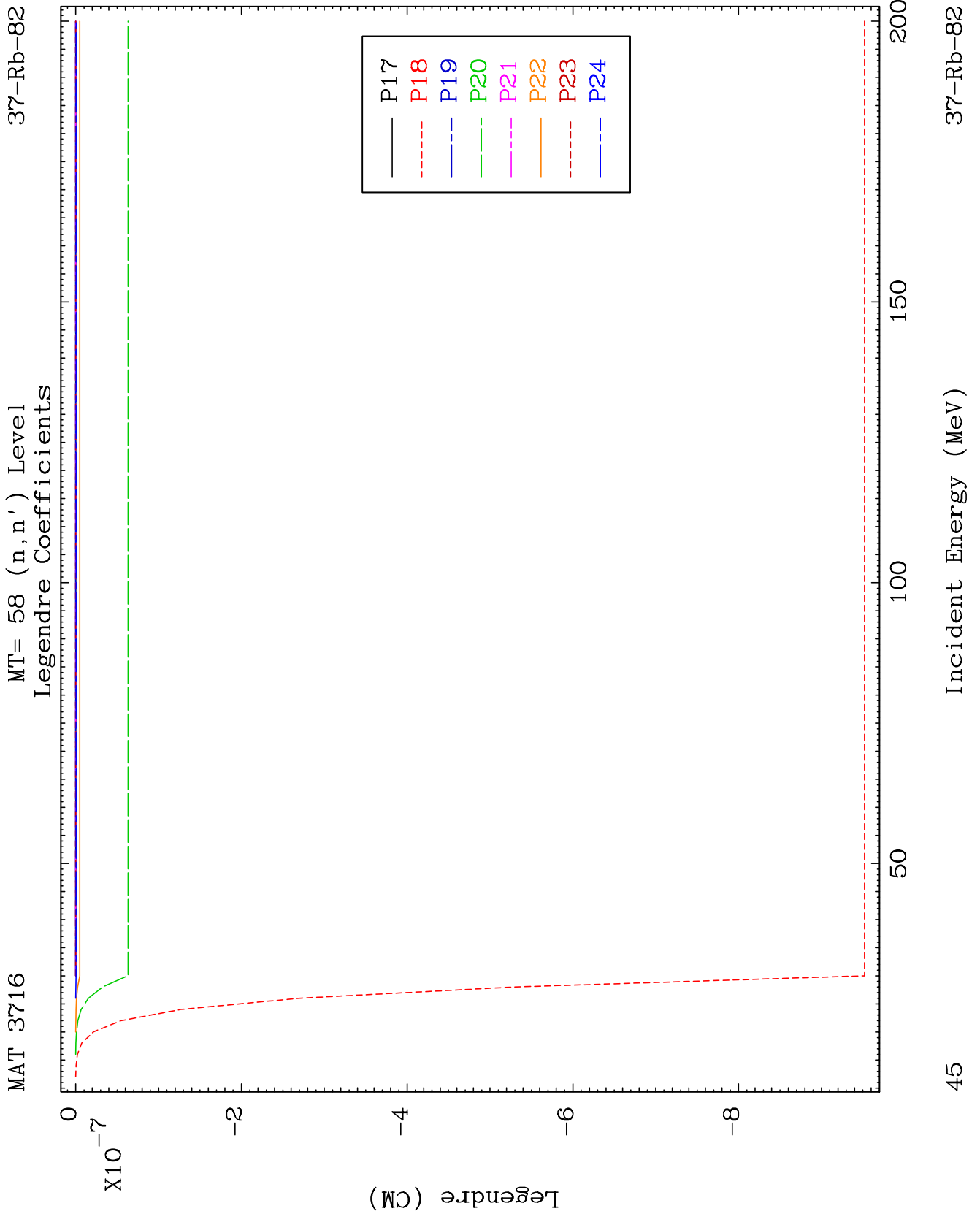
37-Rb-82



44

Incident Energy (MeV)

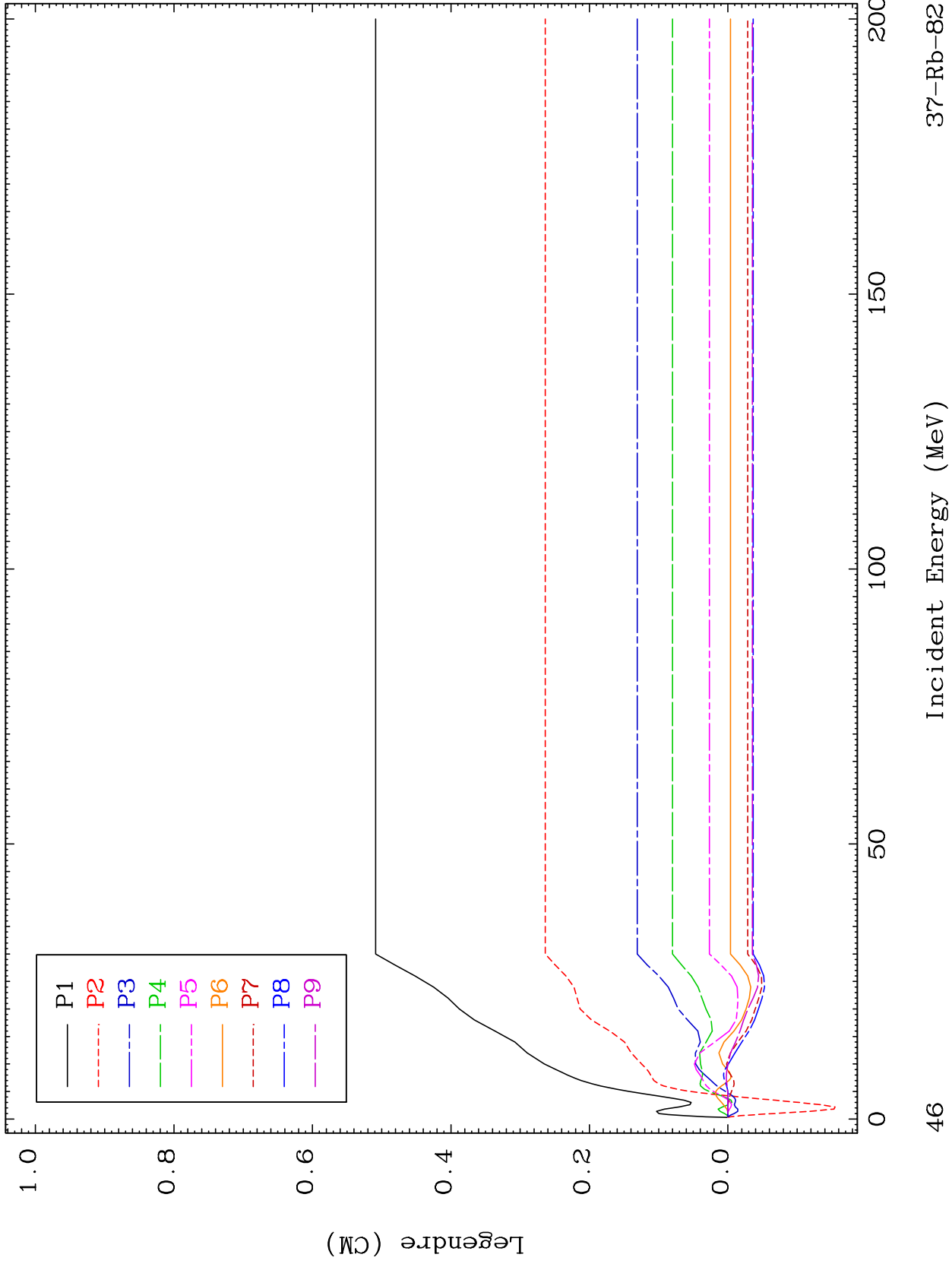
37-Rb-82



MAT 3716

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

37-Rb-82



37-Rb-82

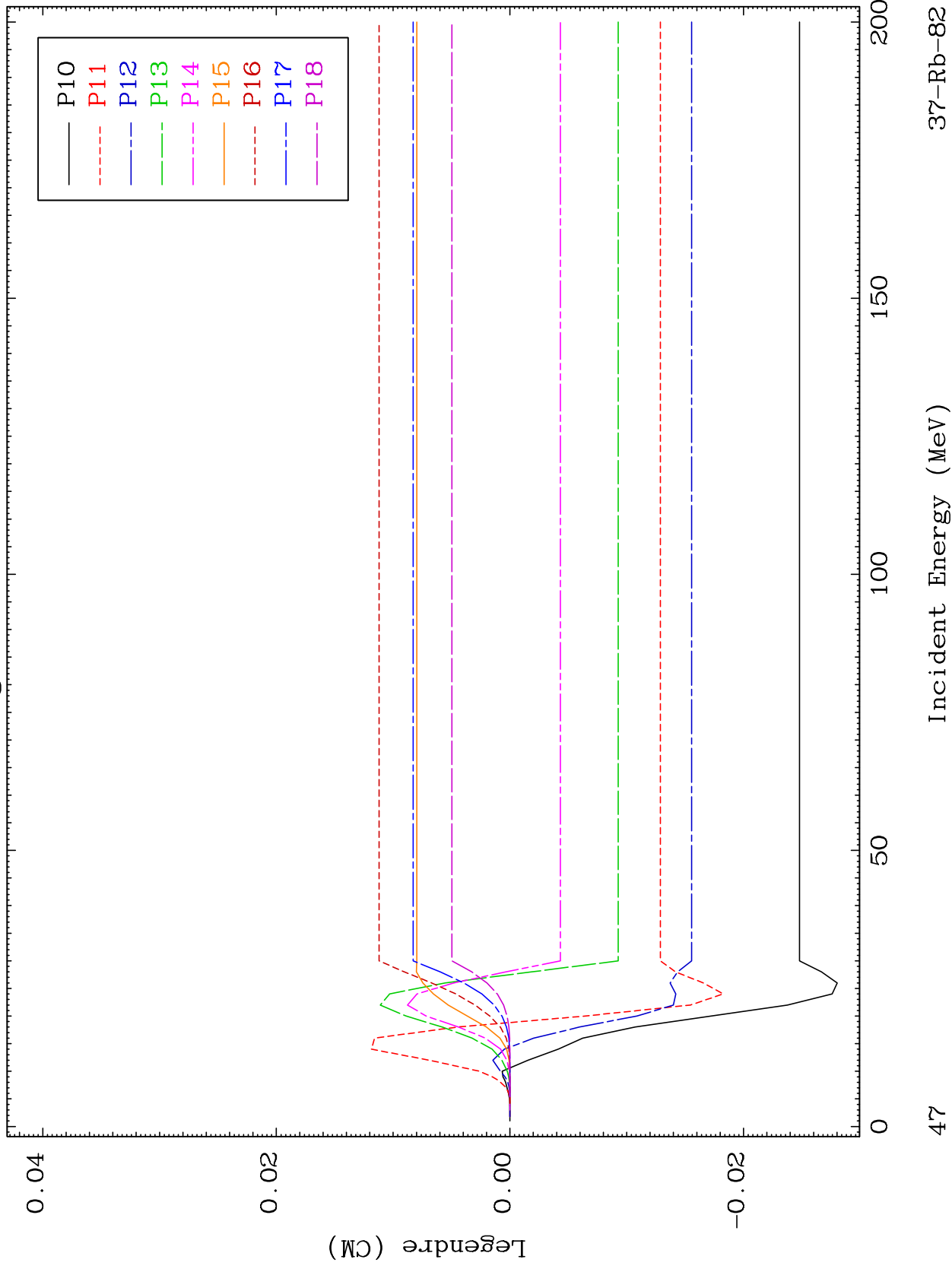
Incident Energy (MeV)

46

MAT 3716

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

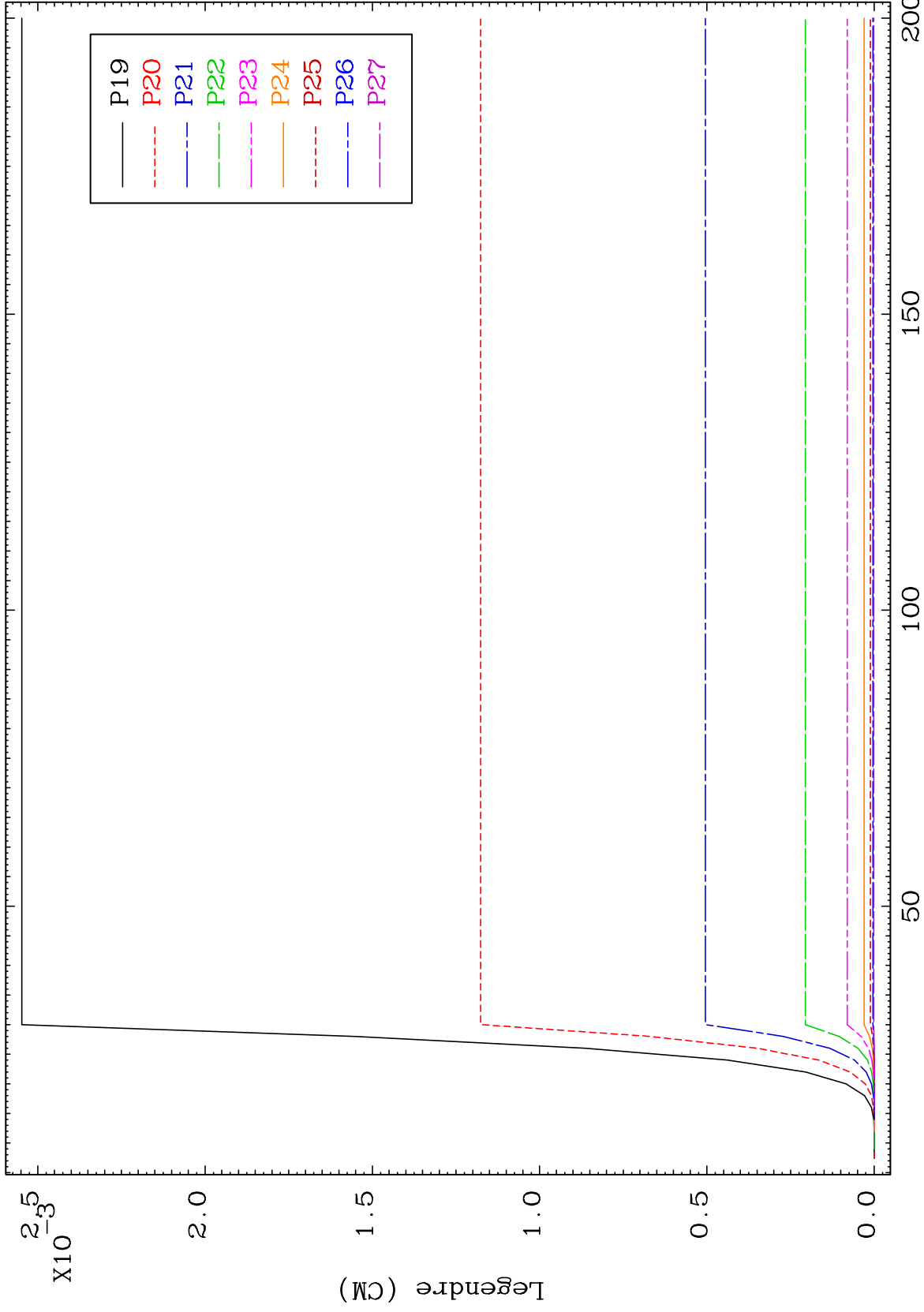
37-Rb-82



47

Incident Energy (MeV)

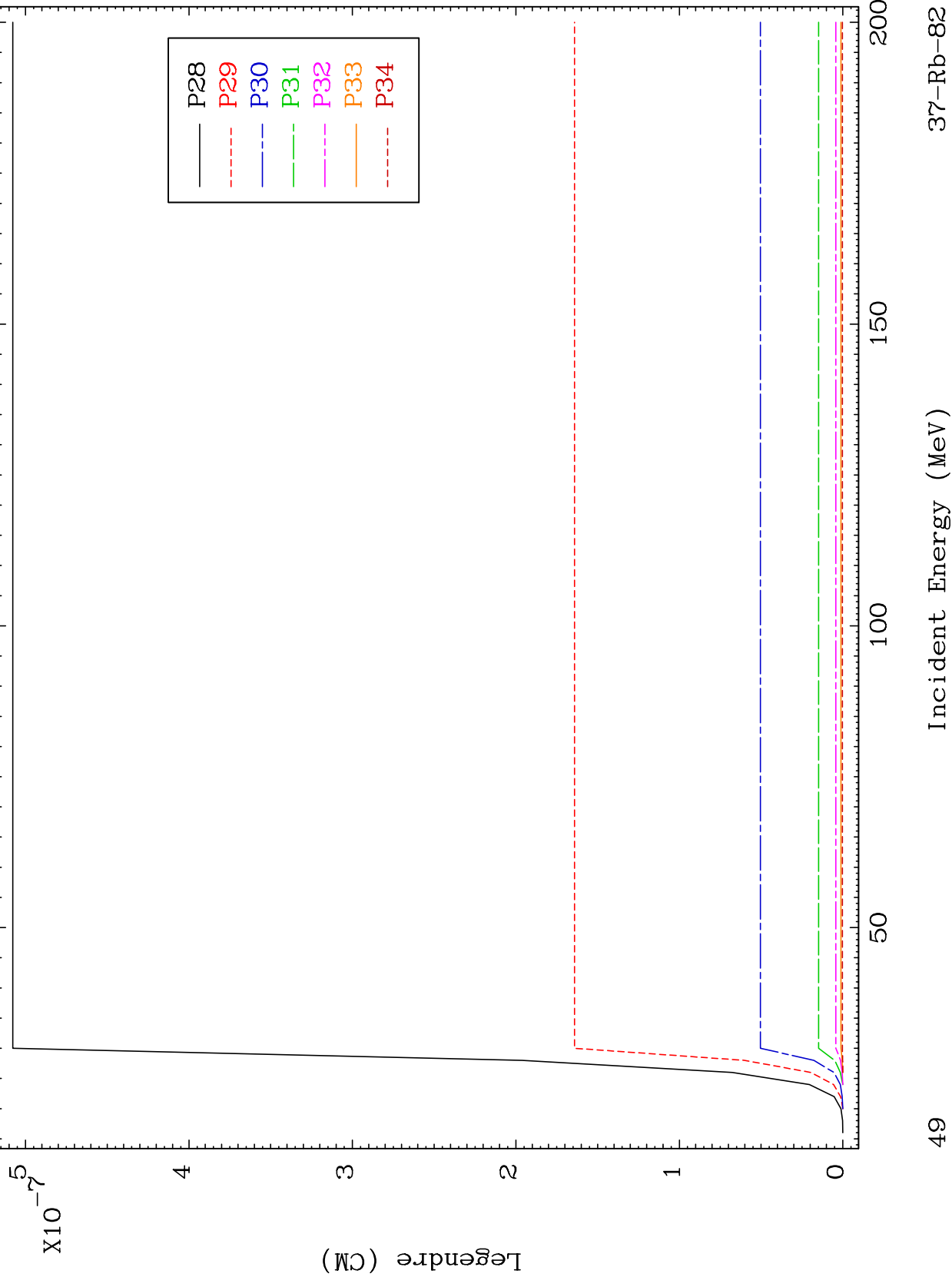
37-Rb-82



MAT 3716

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

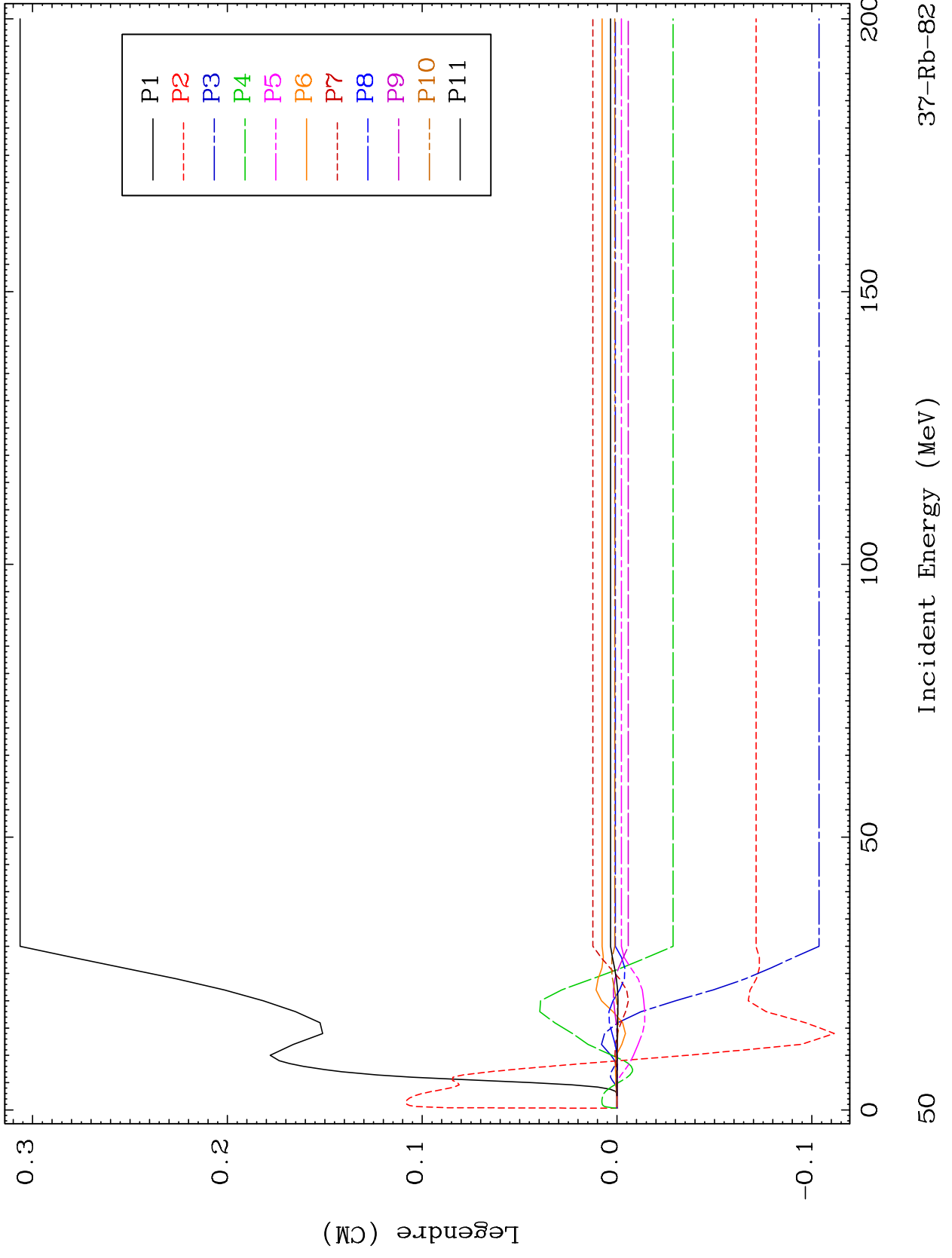
37-Rb-82



MAT 3716

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

37-Rb-82

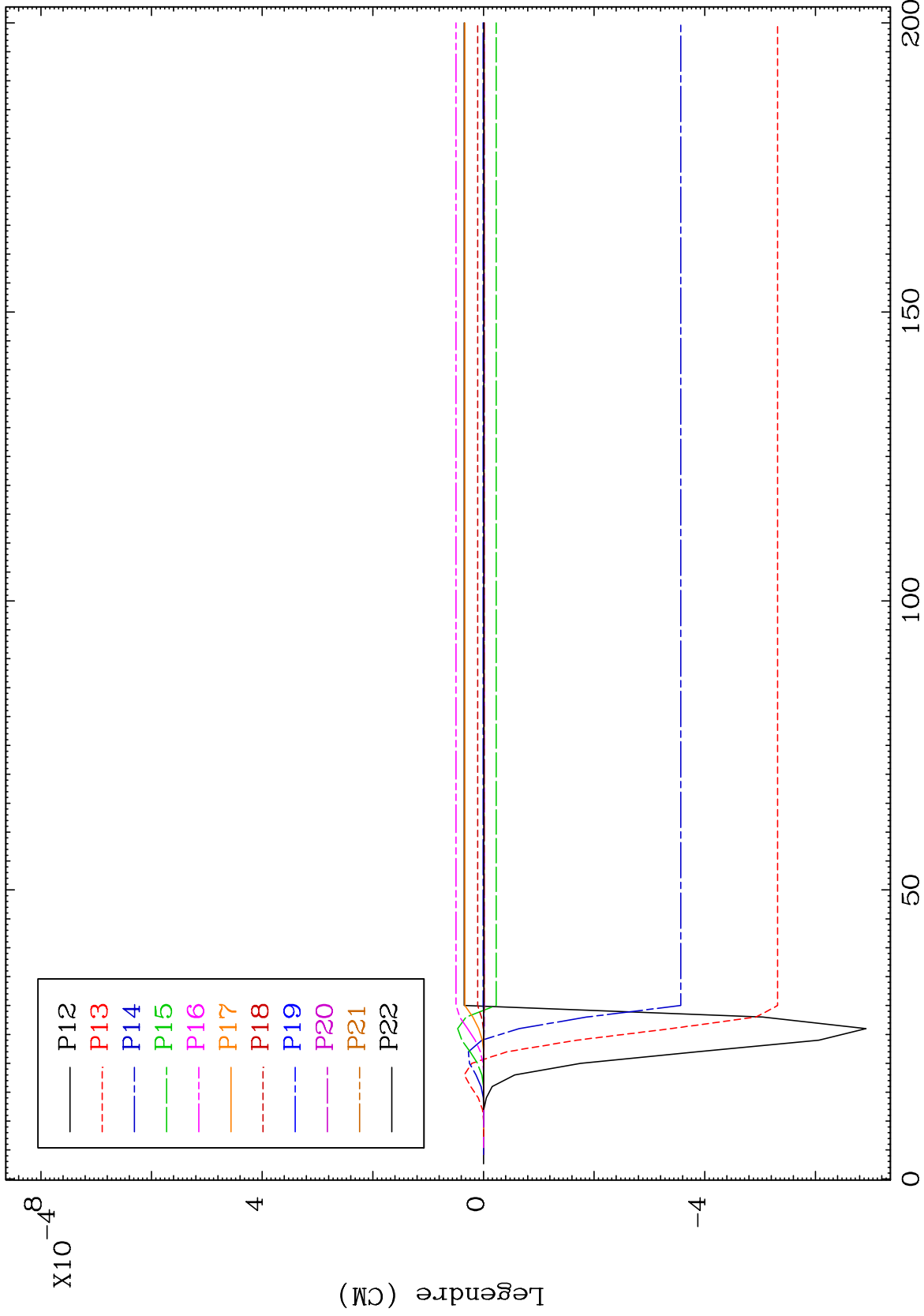


37-Rb-82

MAT 3716

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

37-Rb-82



51

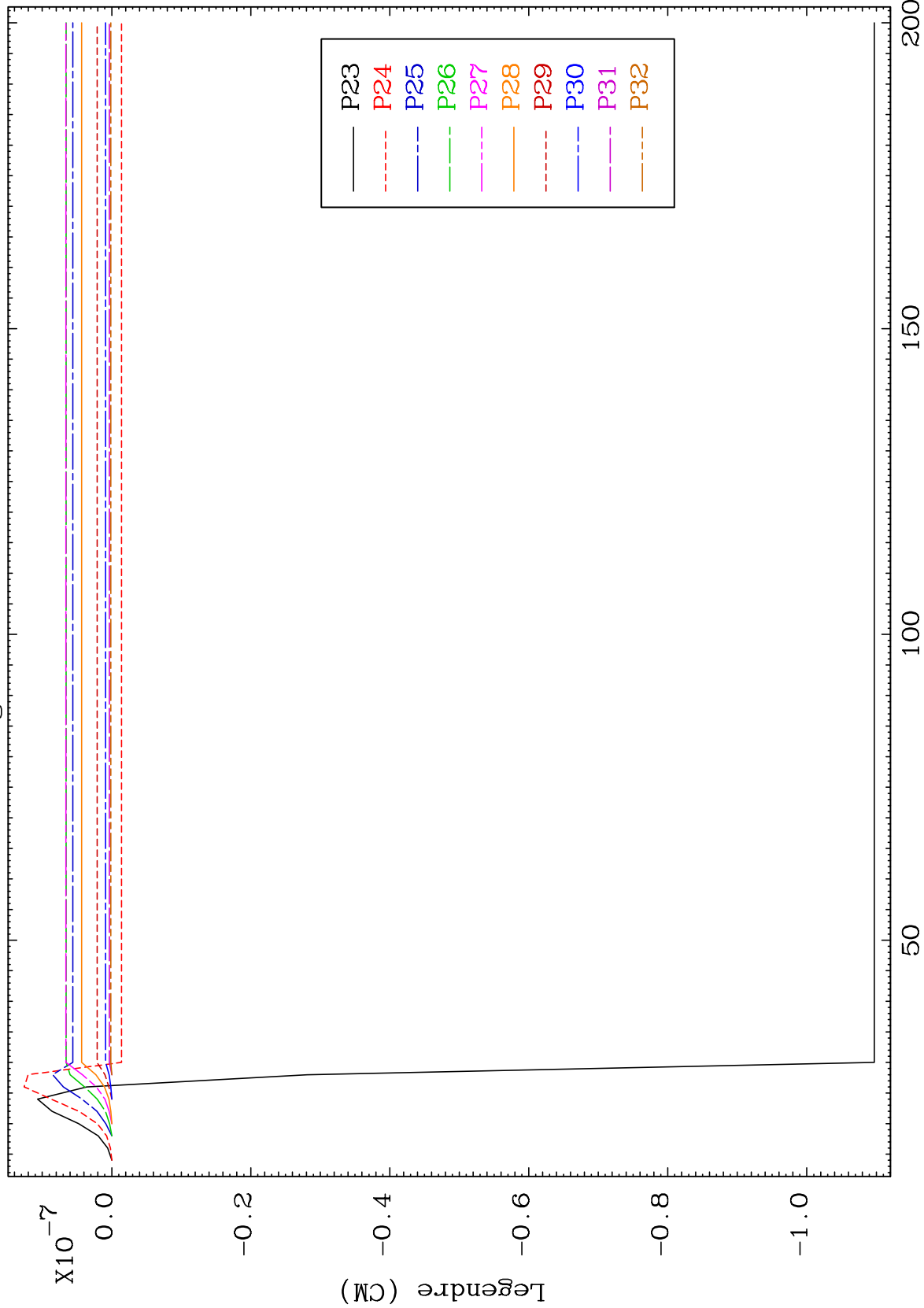
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



52

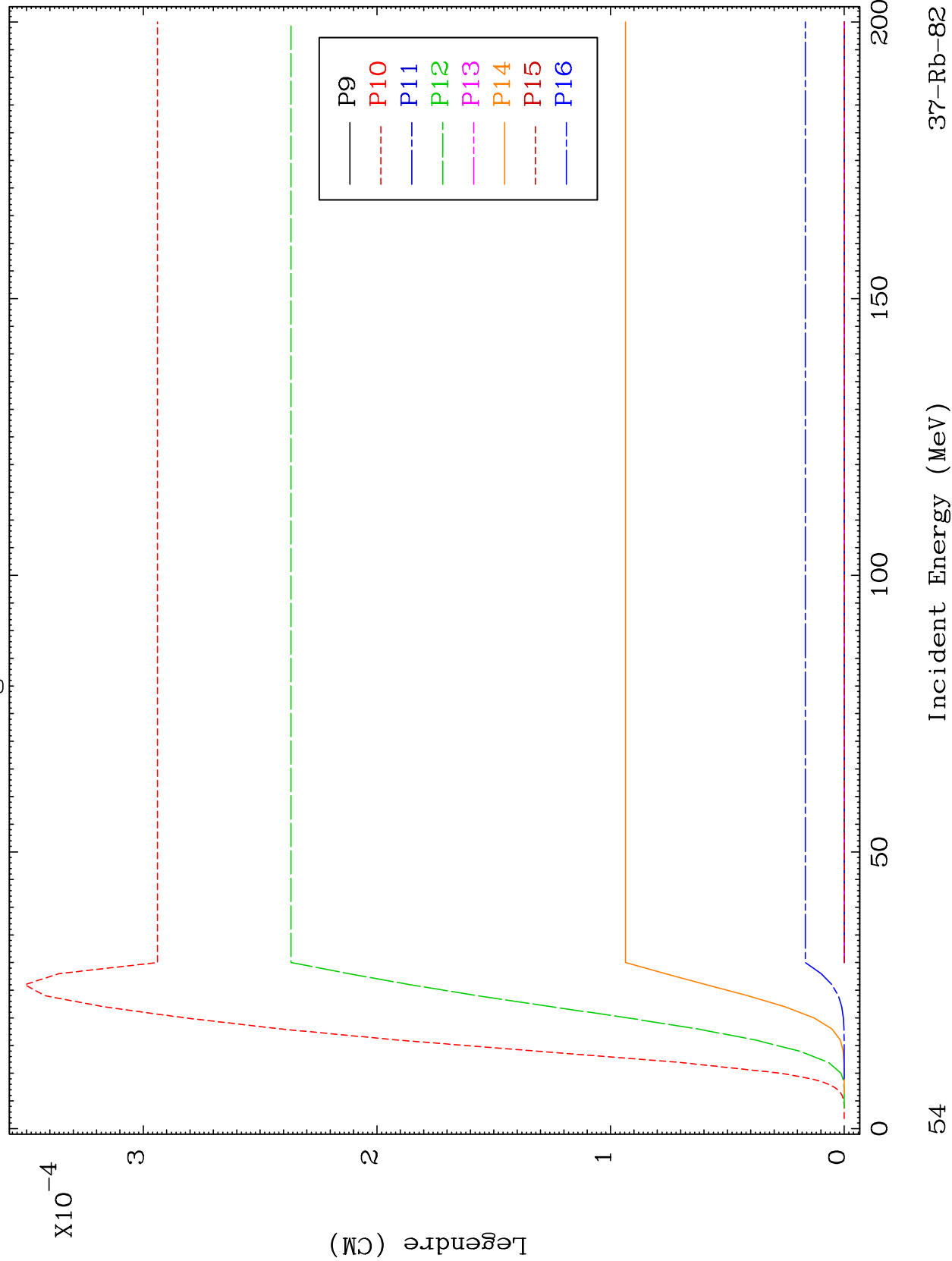
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

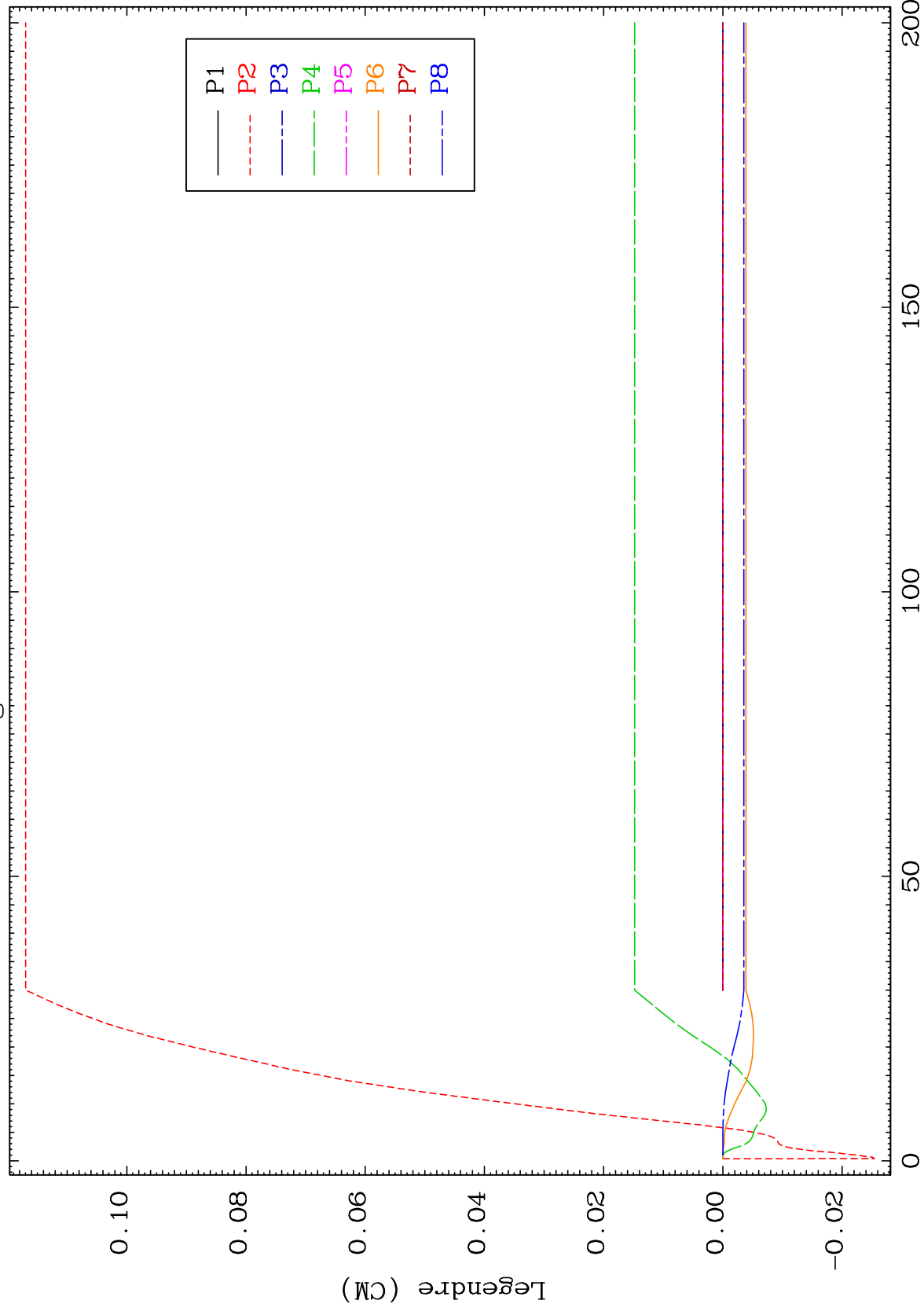
37-Rb-82



MAT 3716

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

37-Rb-82



56

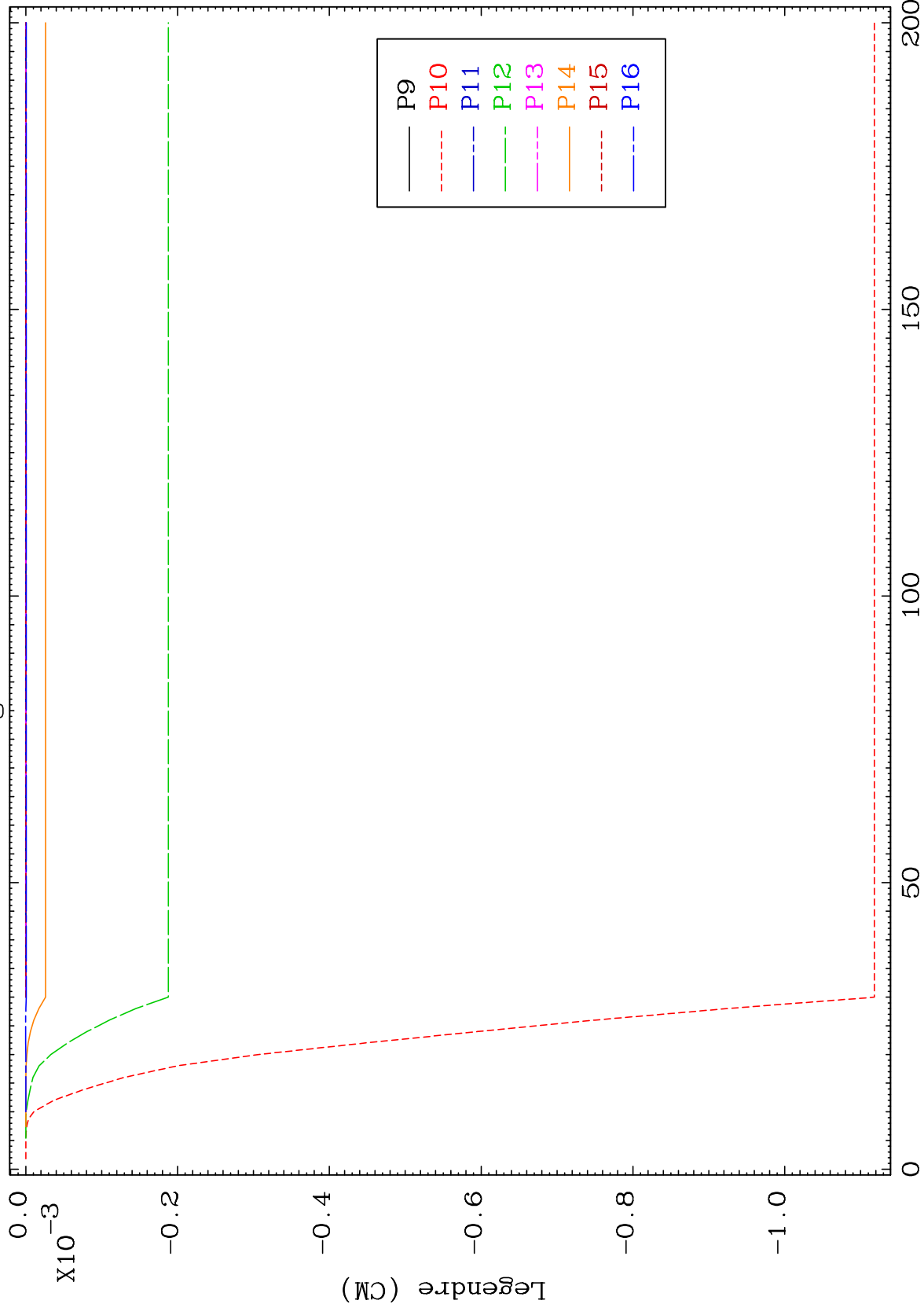
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



57

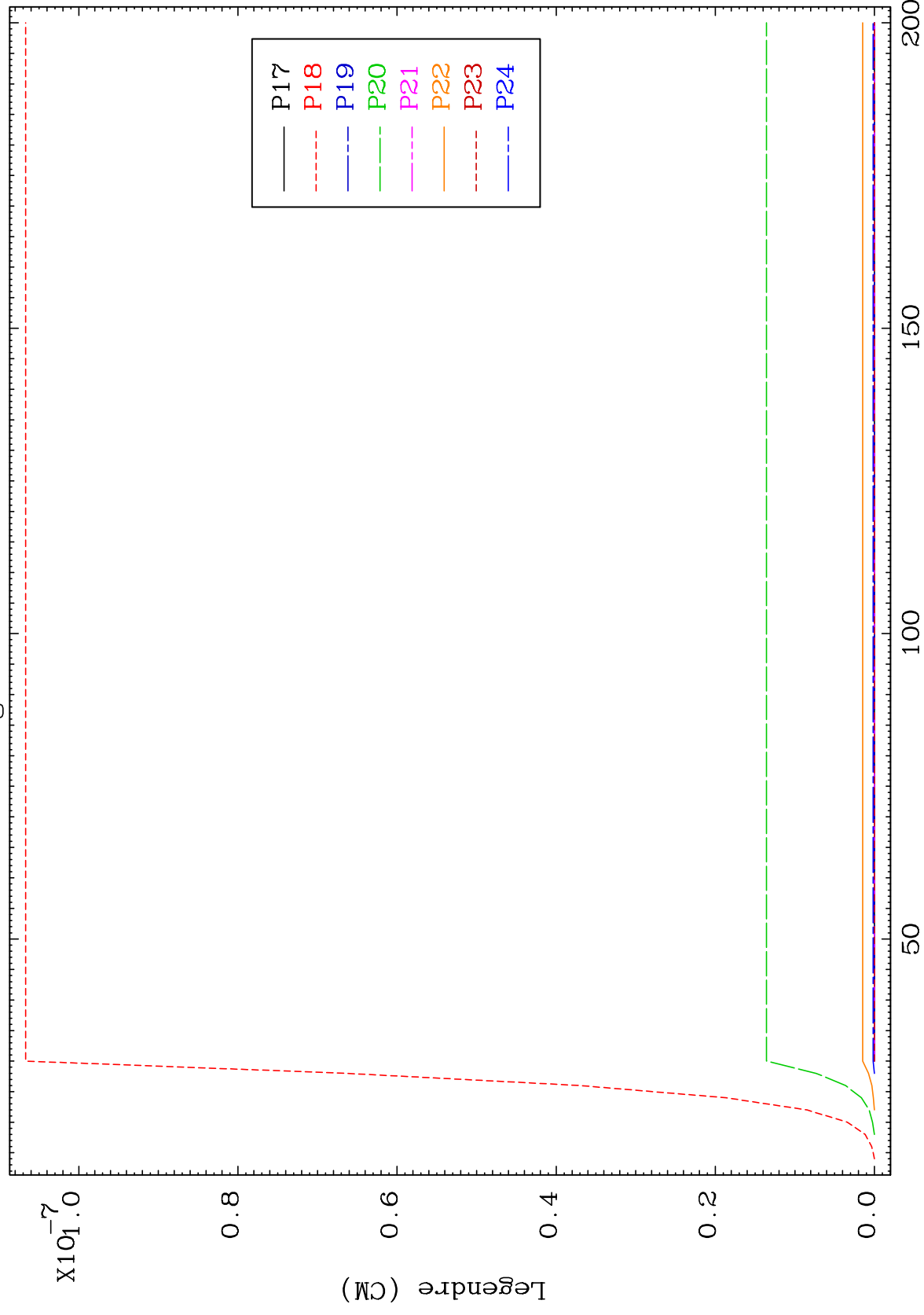
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



37-Rb-82

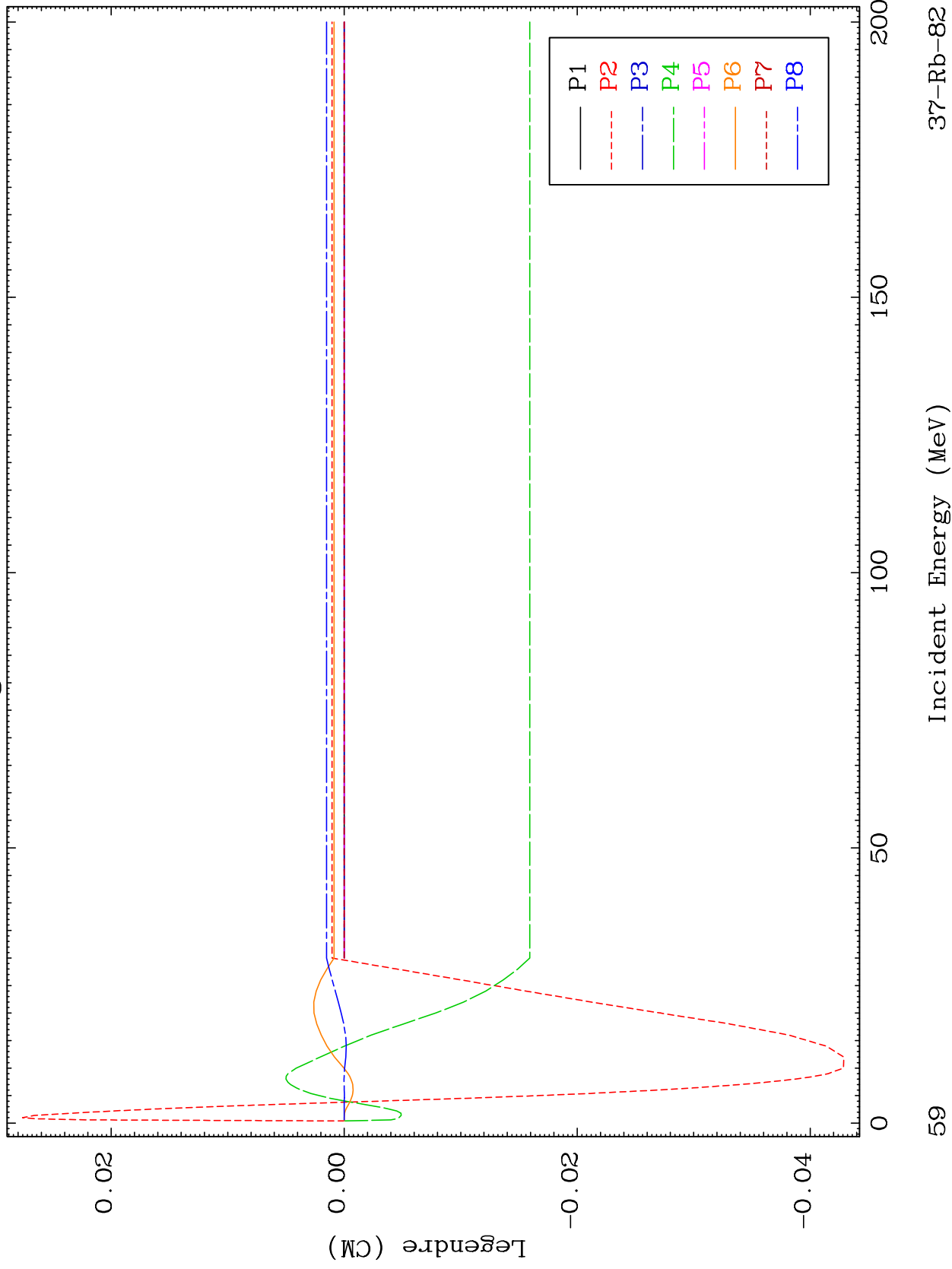
Incident Energy (MeV)

58

MAT 3716

37-Rb-82

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



37-Rb-82

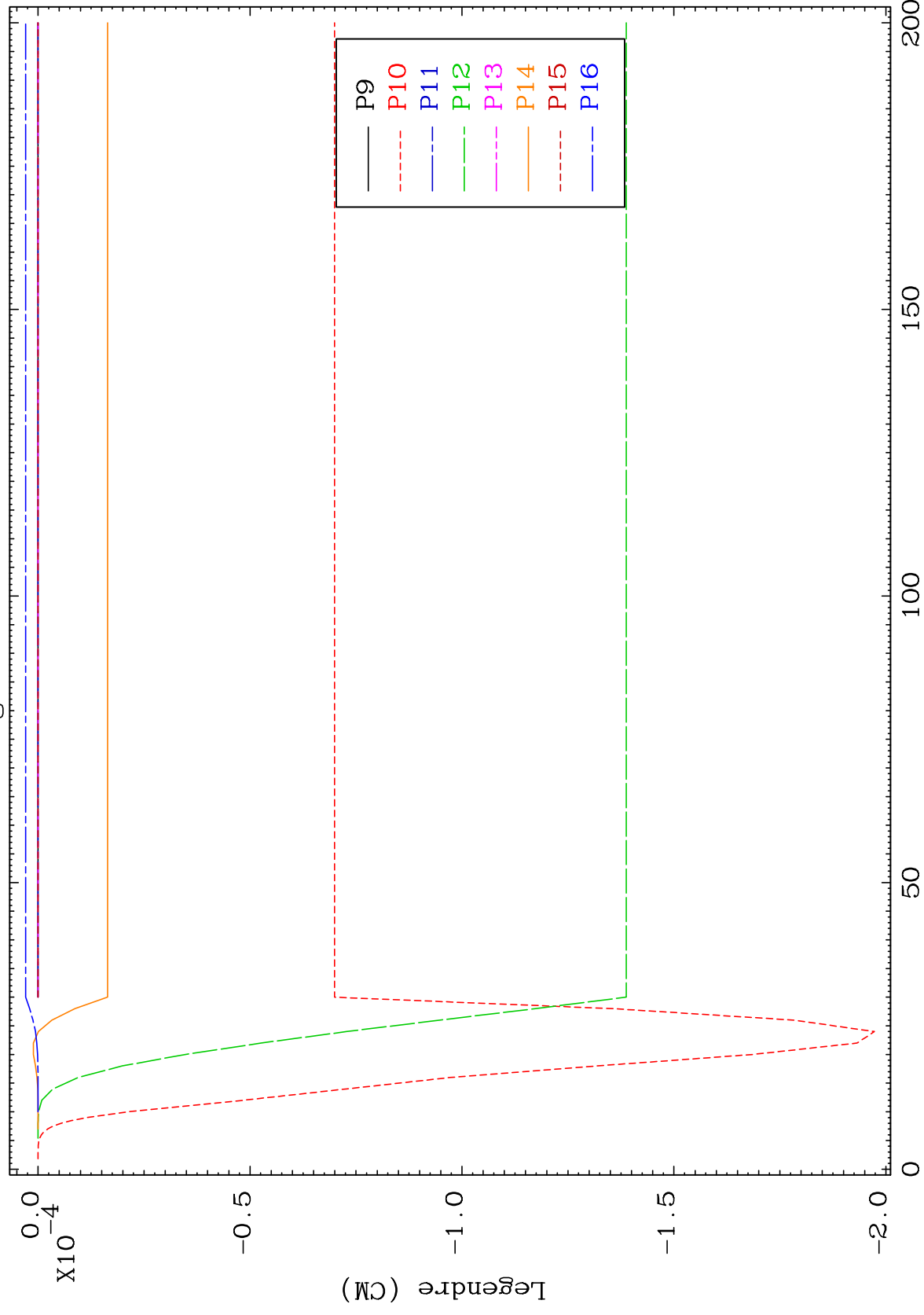
Incident Energy (MeV)

59

MAT 3716

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

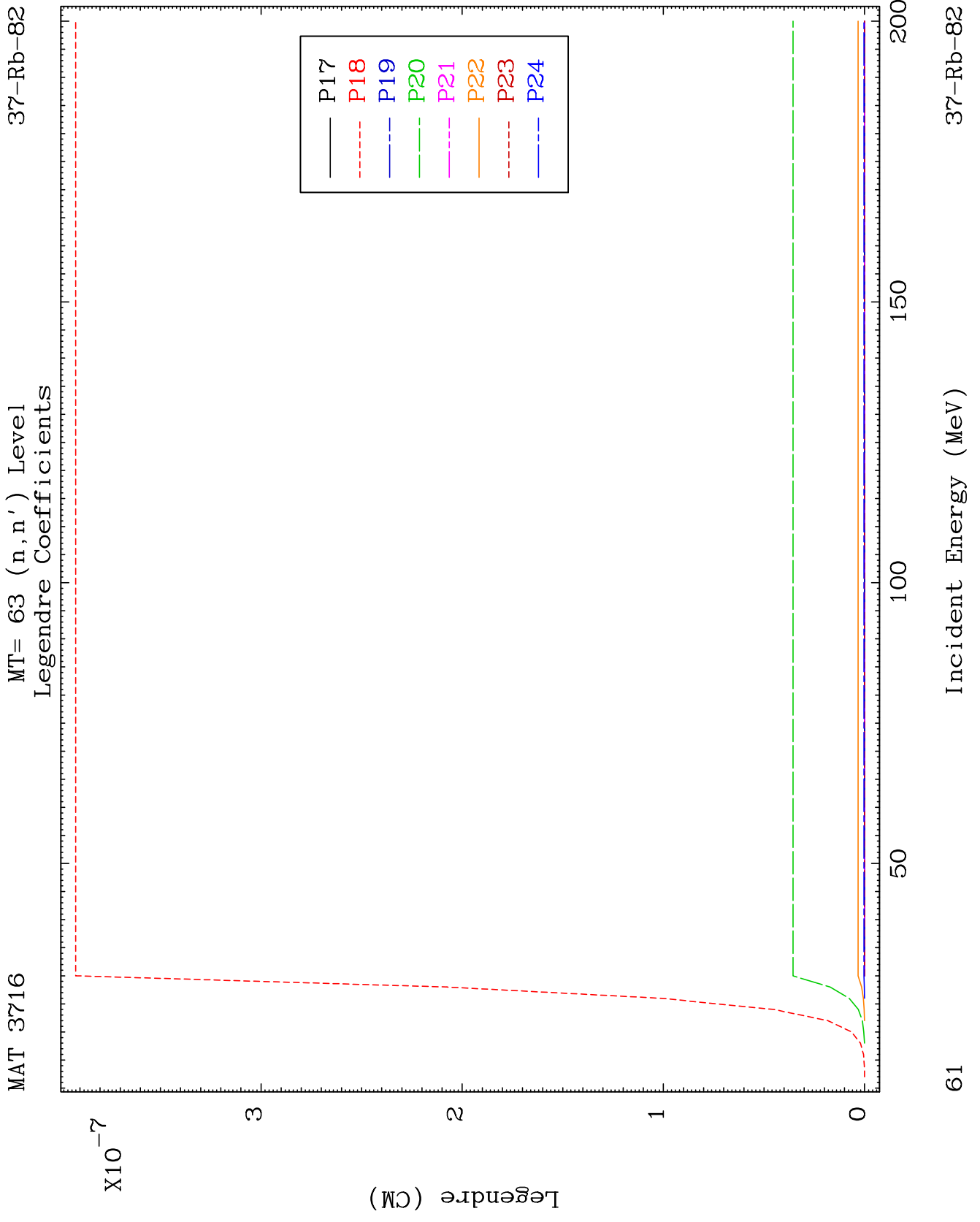
37-Rb-82



37-Rb-82

Incident Energy (MeV)

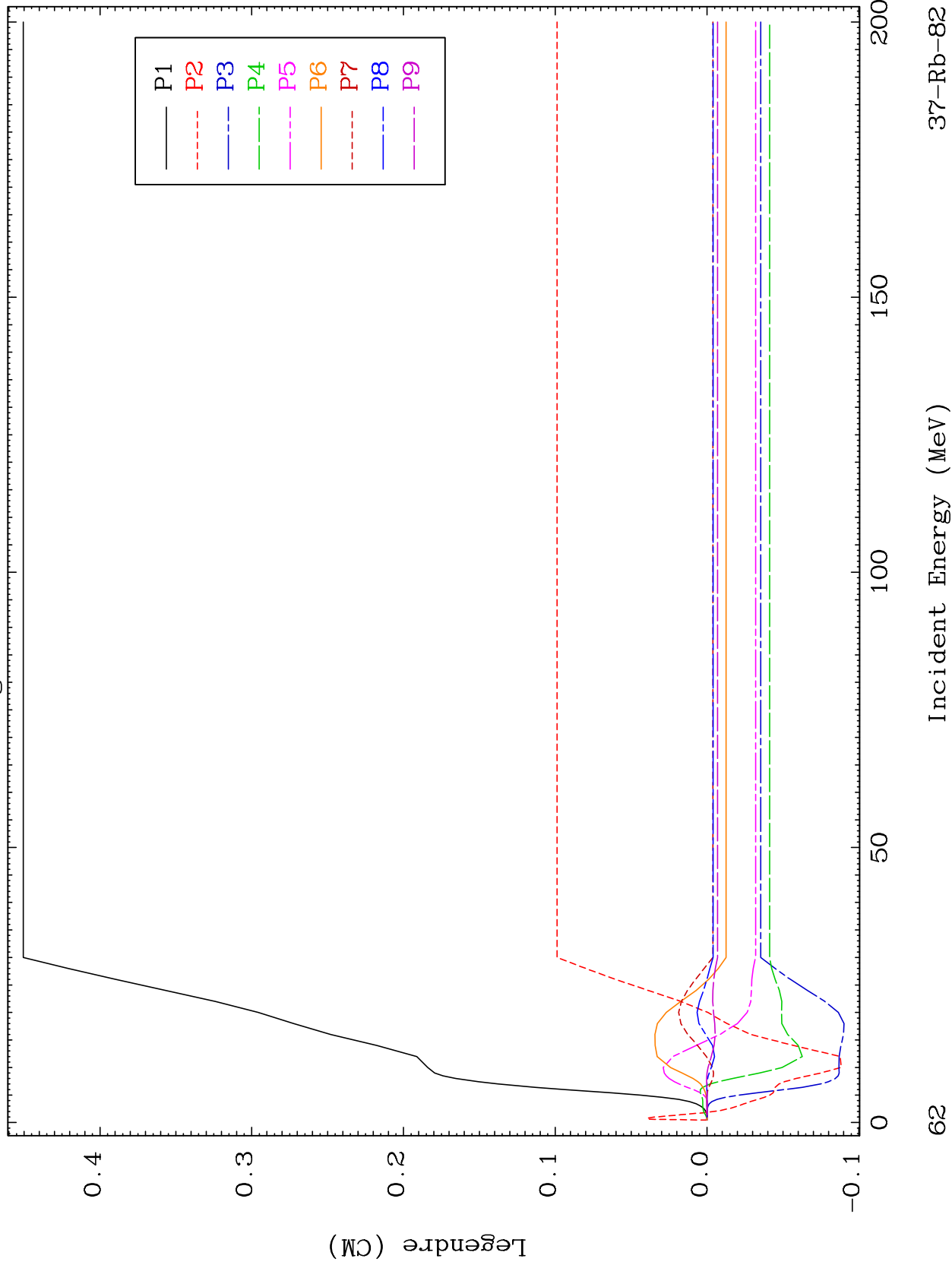
60



MAT 3716

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

37-Rb-82



37-Rb-82

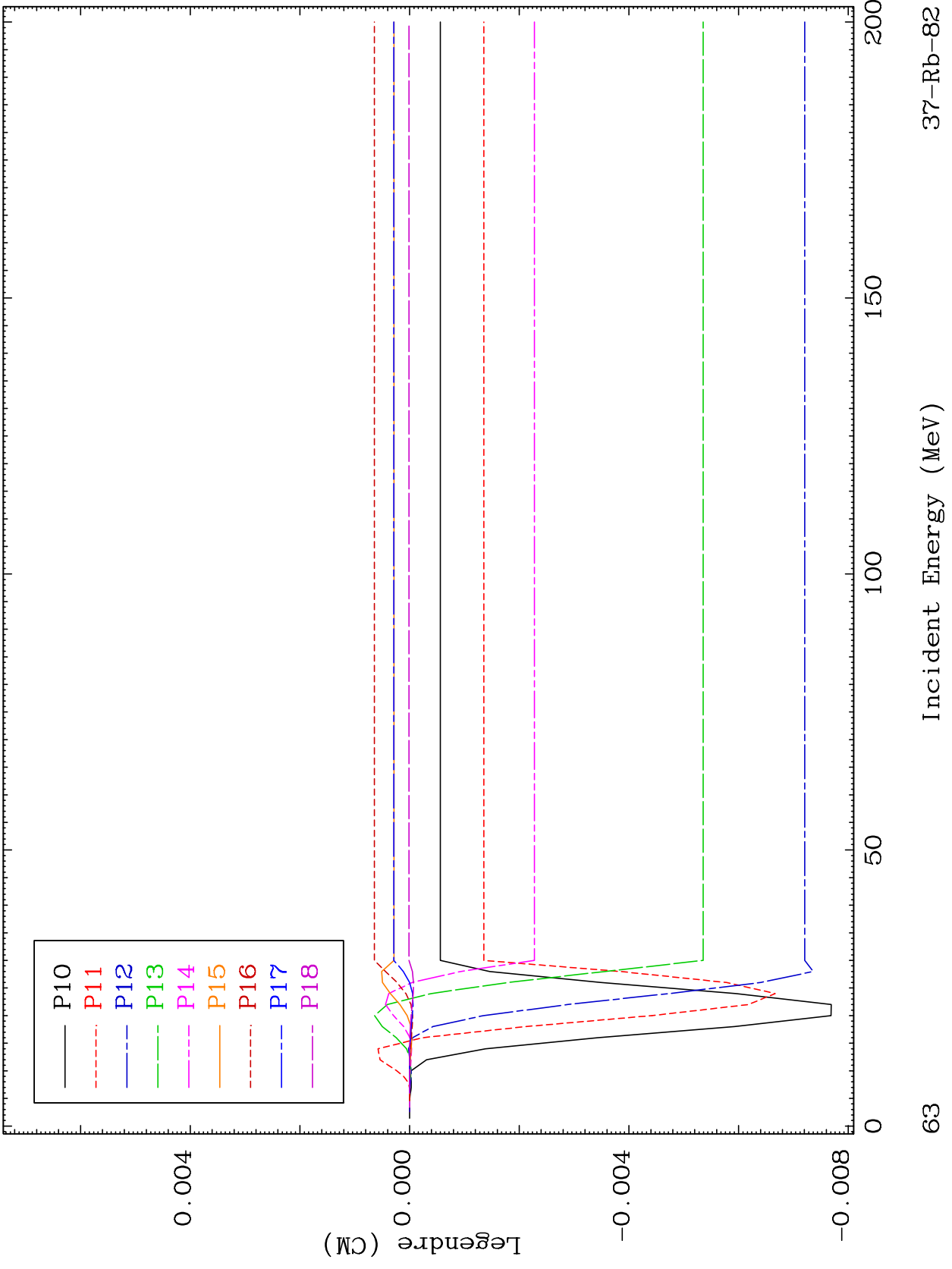
Incident Energy (MeV)

62

MAT 3716

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

37-Rb-82



63

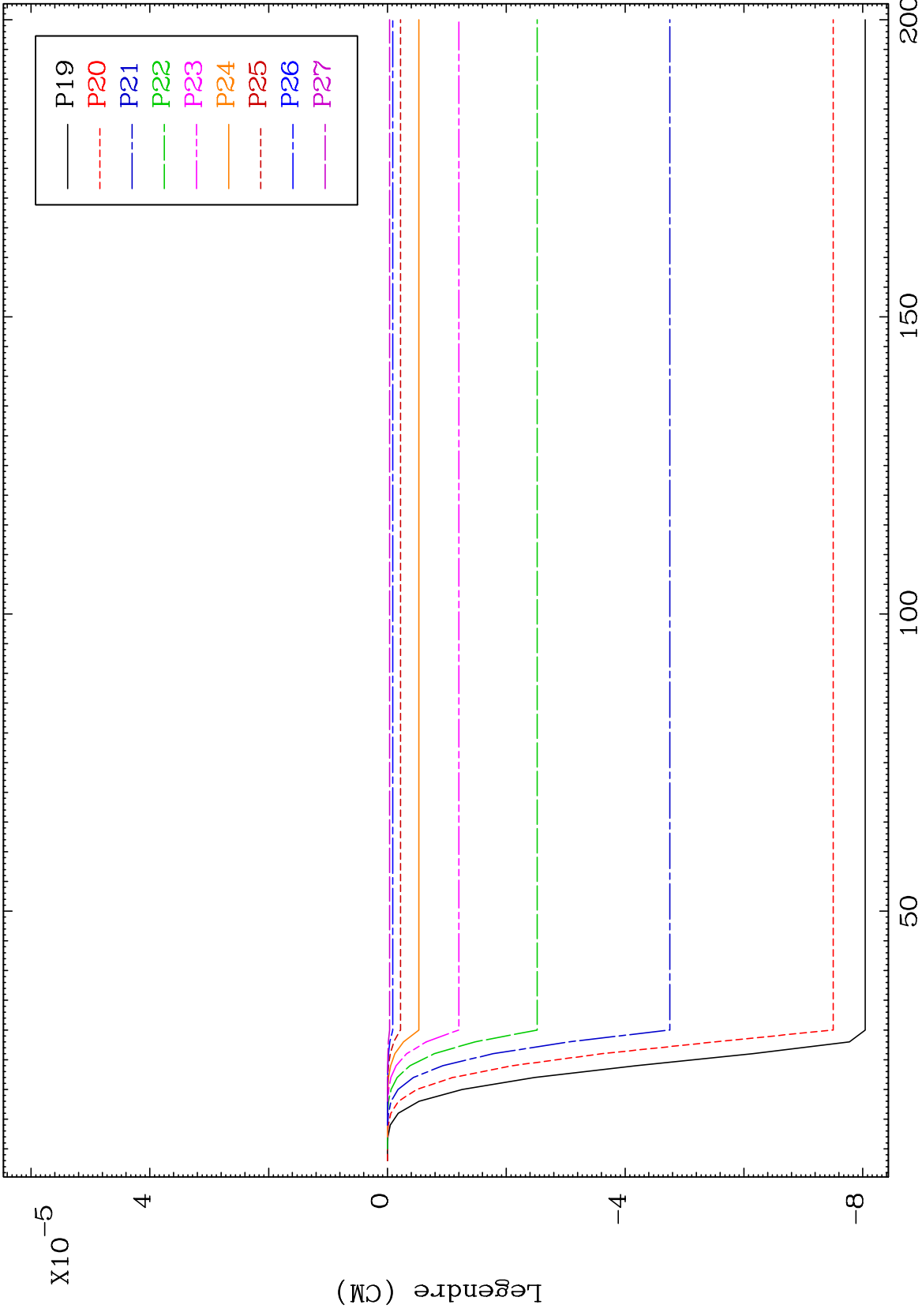
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



64

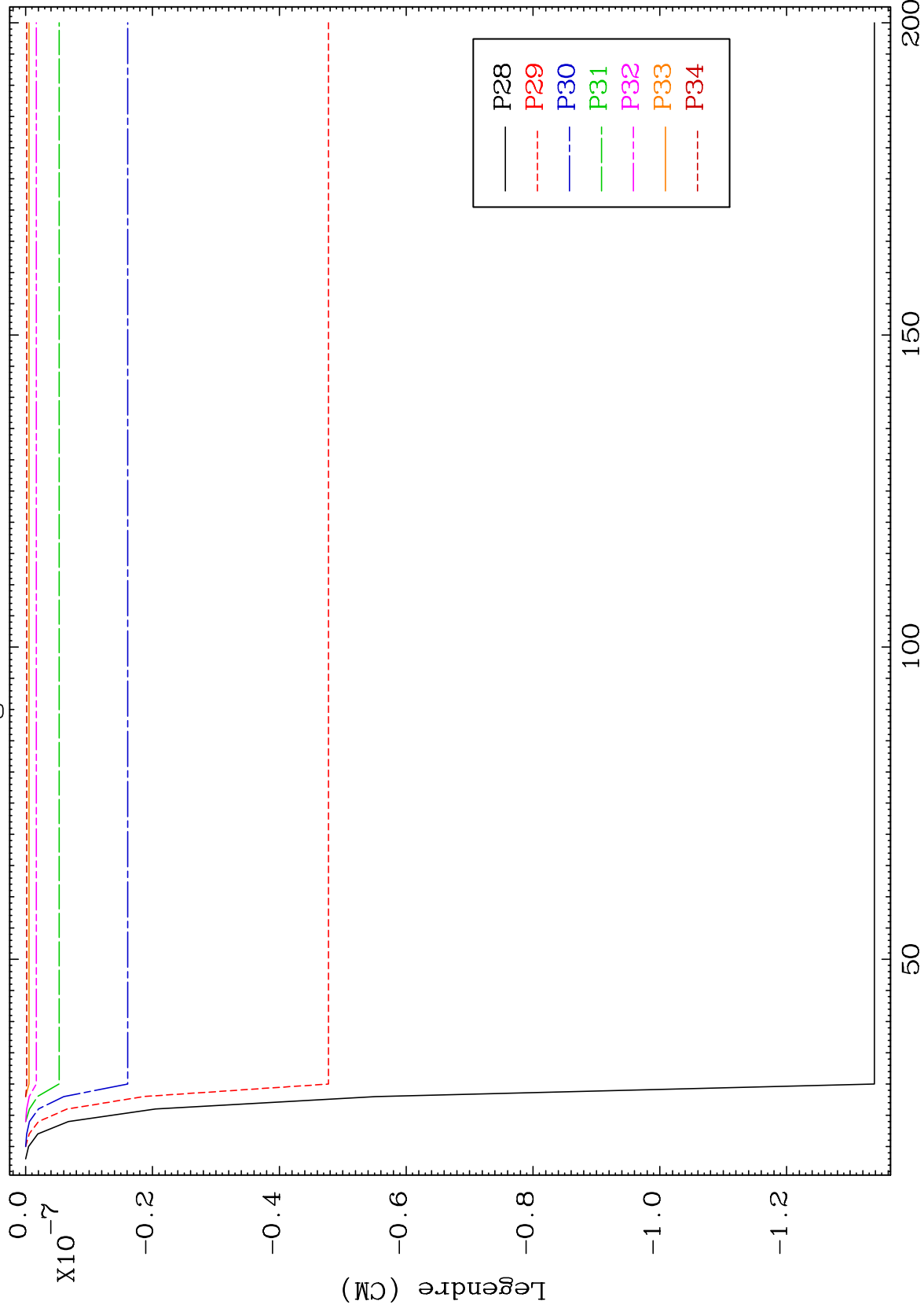
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



65

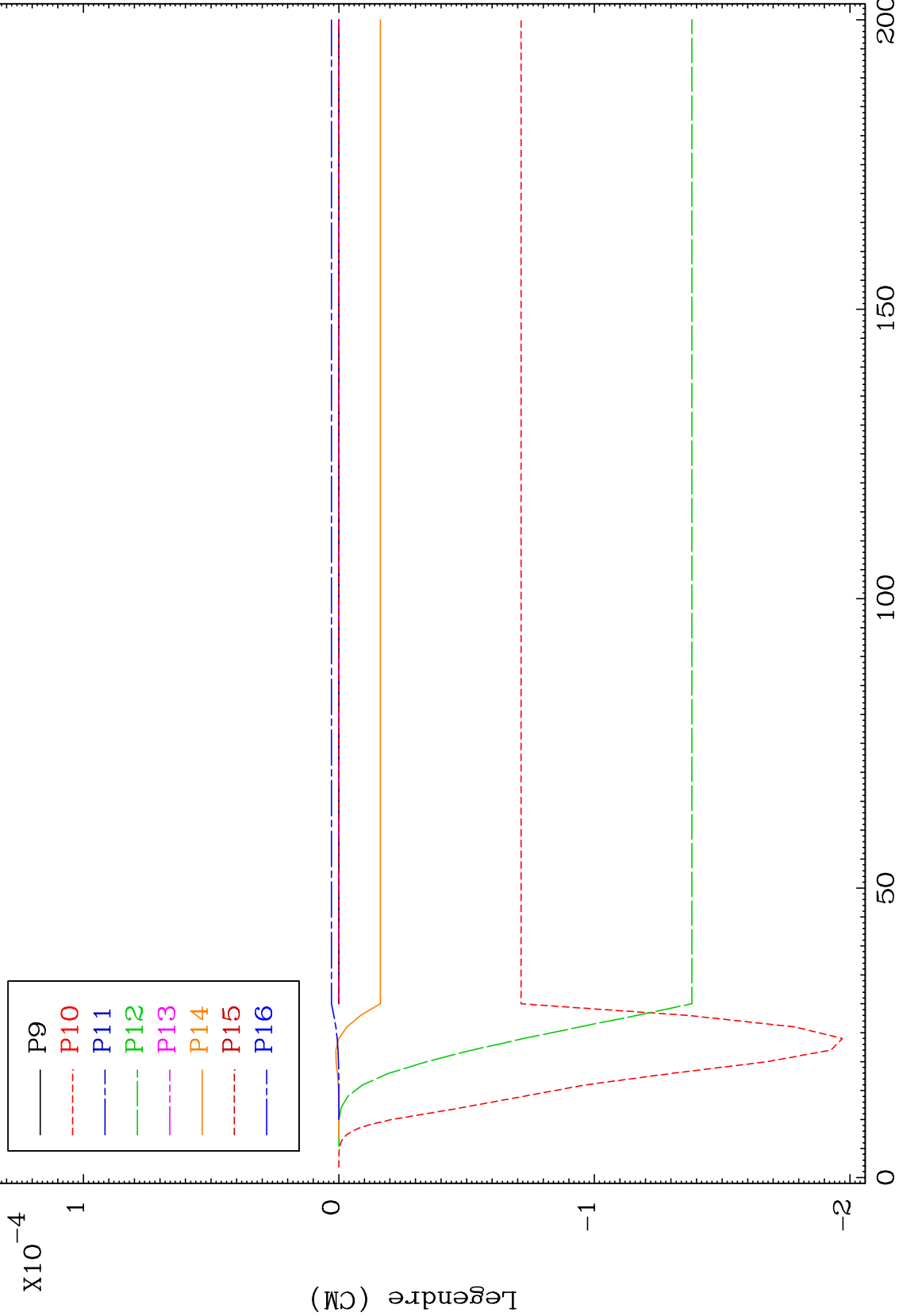
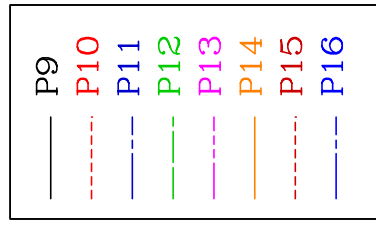
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



67

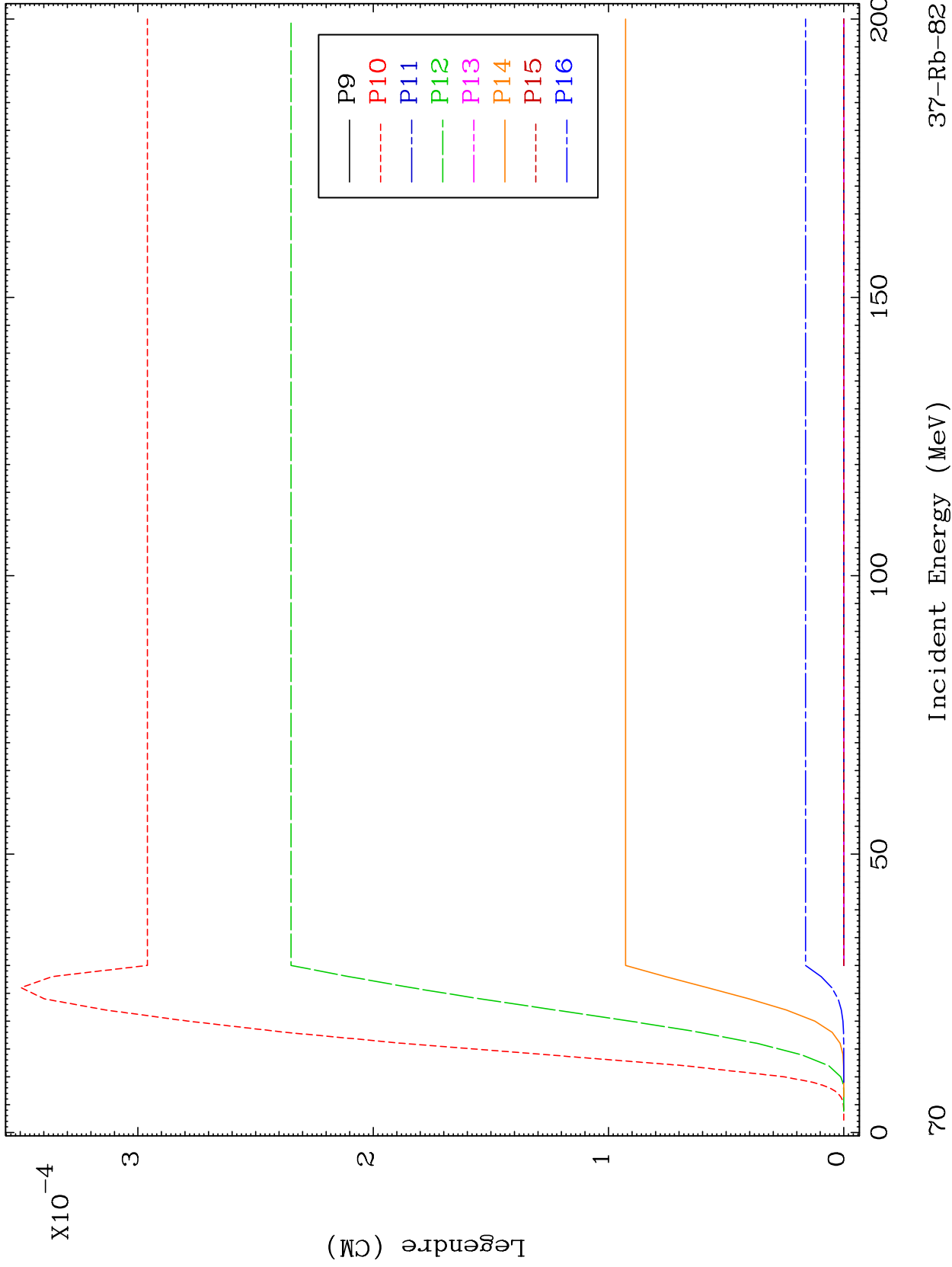
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



37-Rb-82

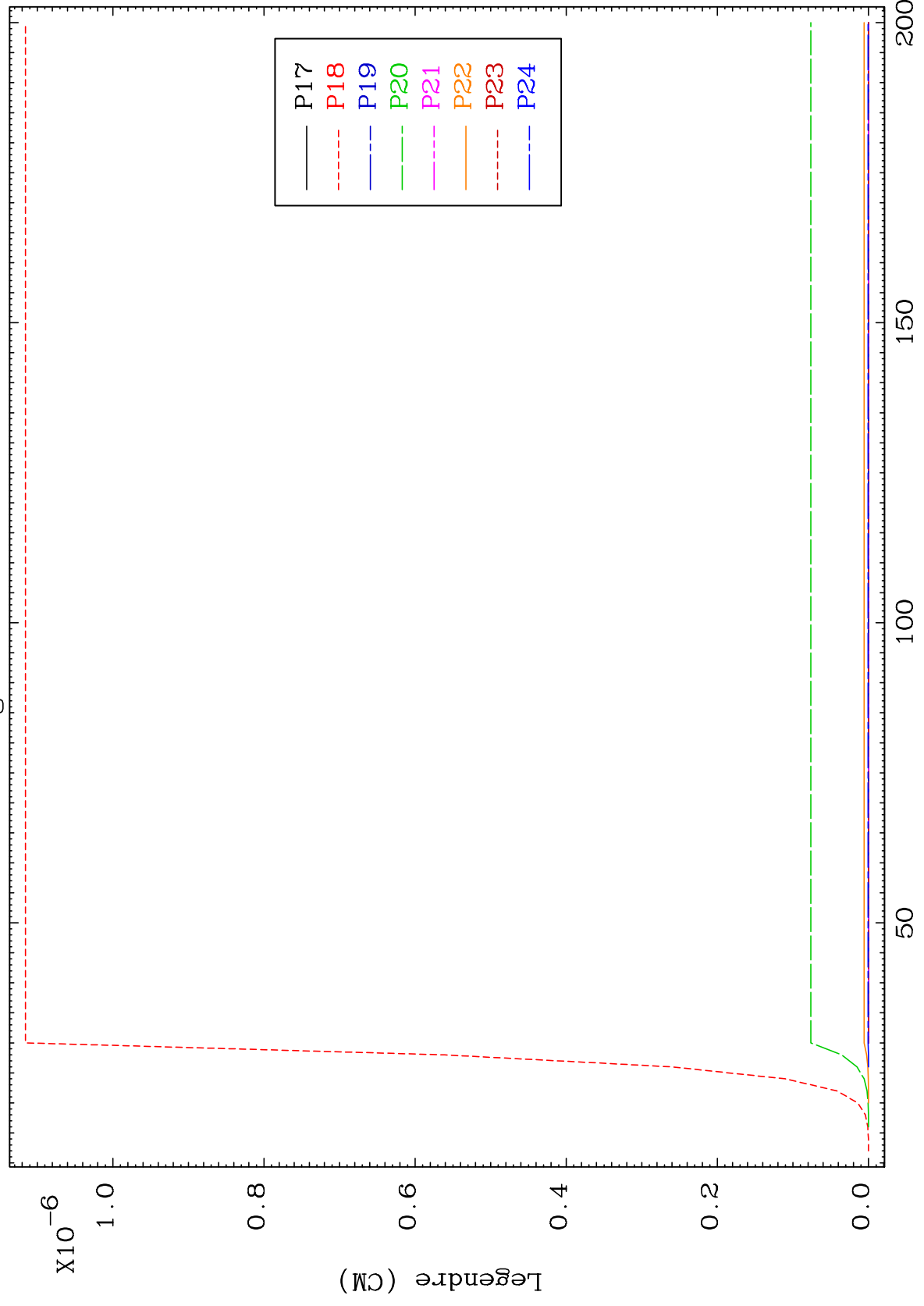
Incident Energy (MeV)

70

MAT 3716

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

37-Rb-82



37-Rb-82

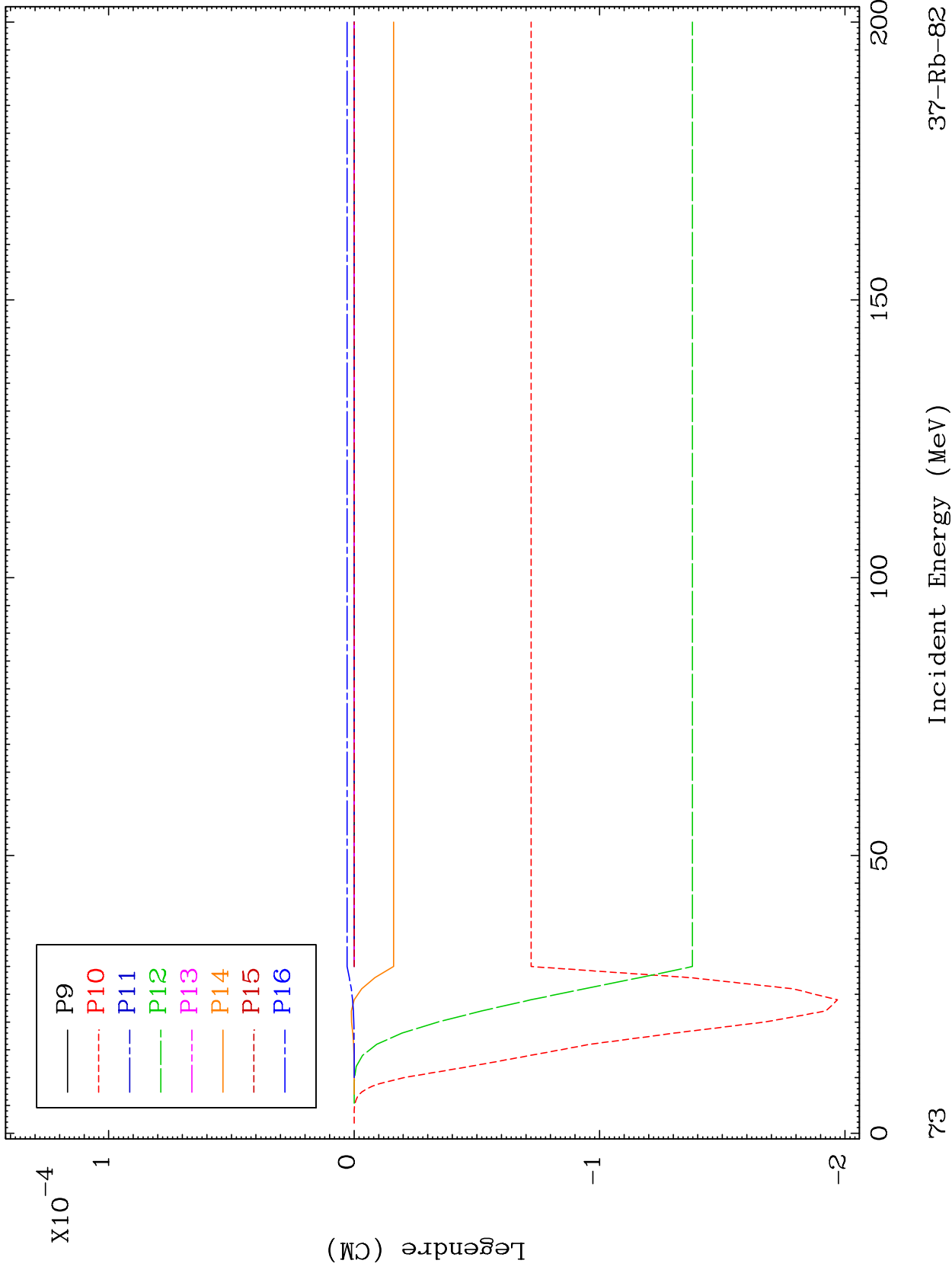
Incident Energy (MeV)

71

MAT 3716

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

37-Rb-82



73

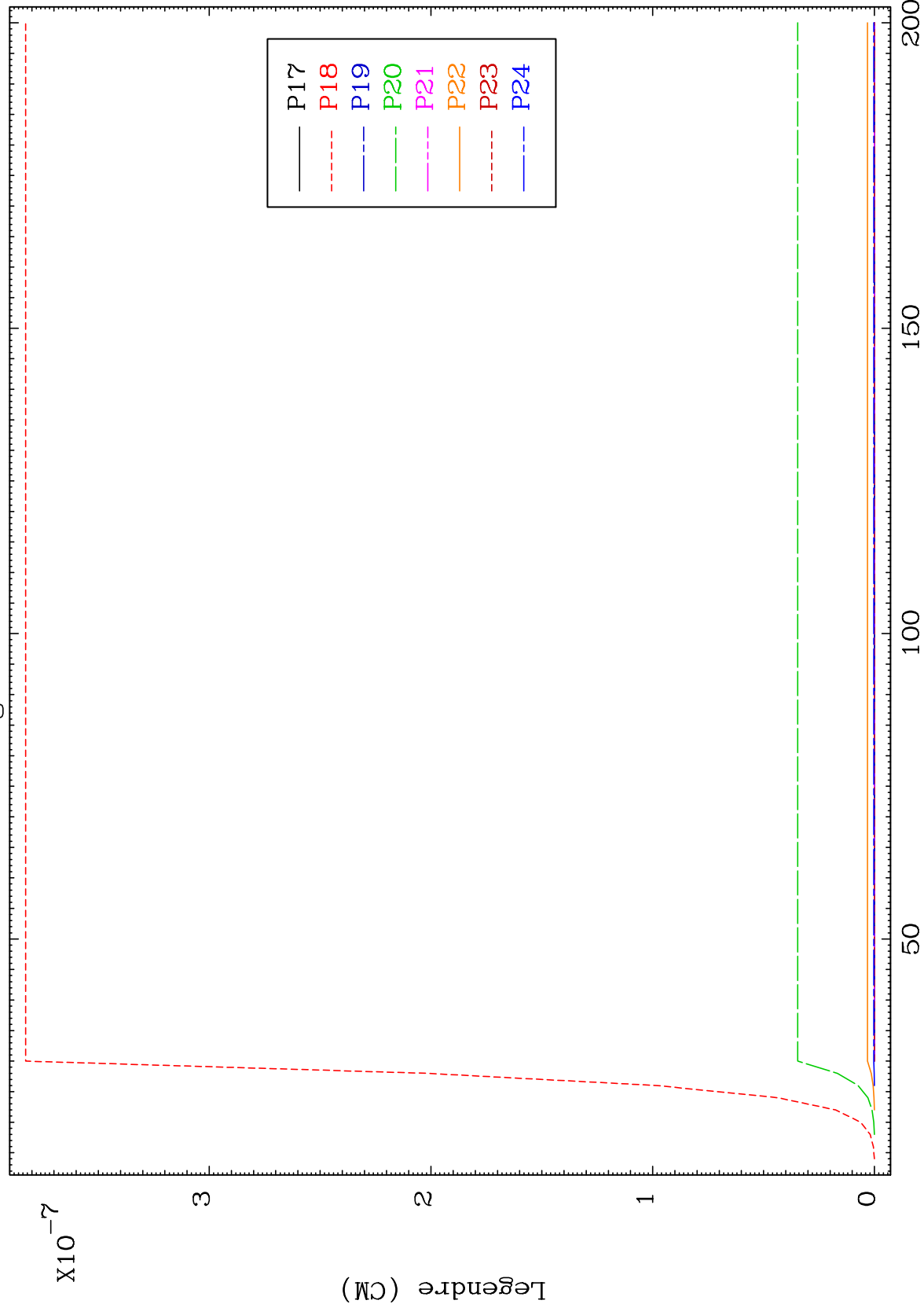
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

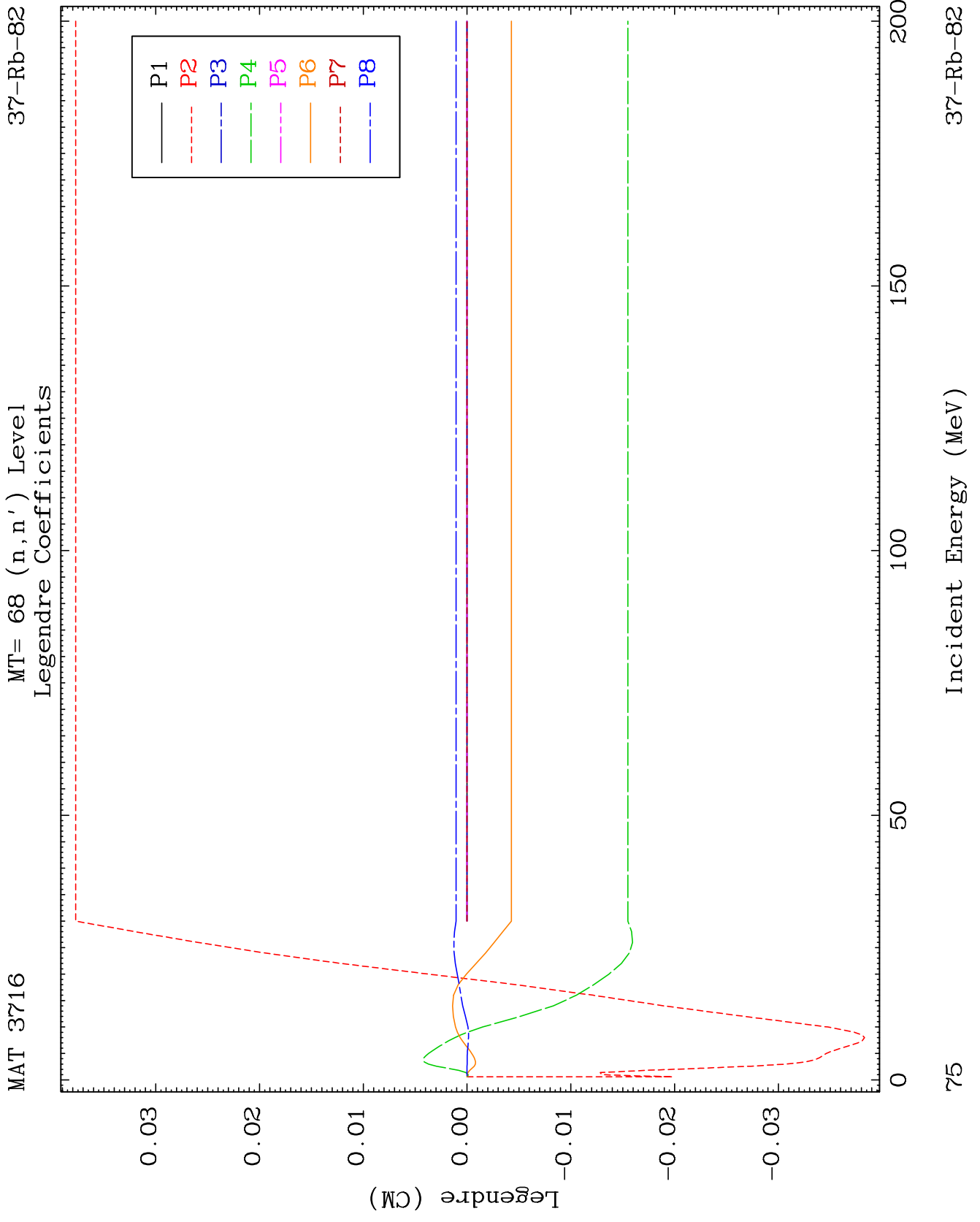
37-Rb-82



37-Rb-82

Incident Energy (MeV)

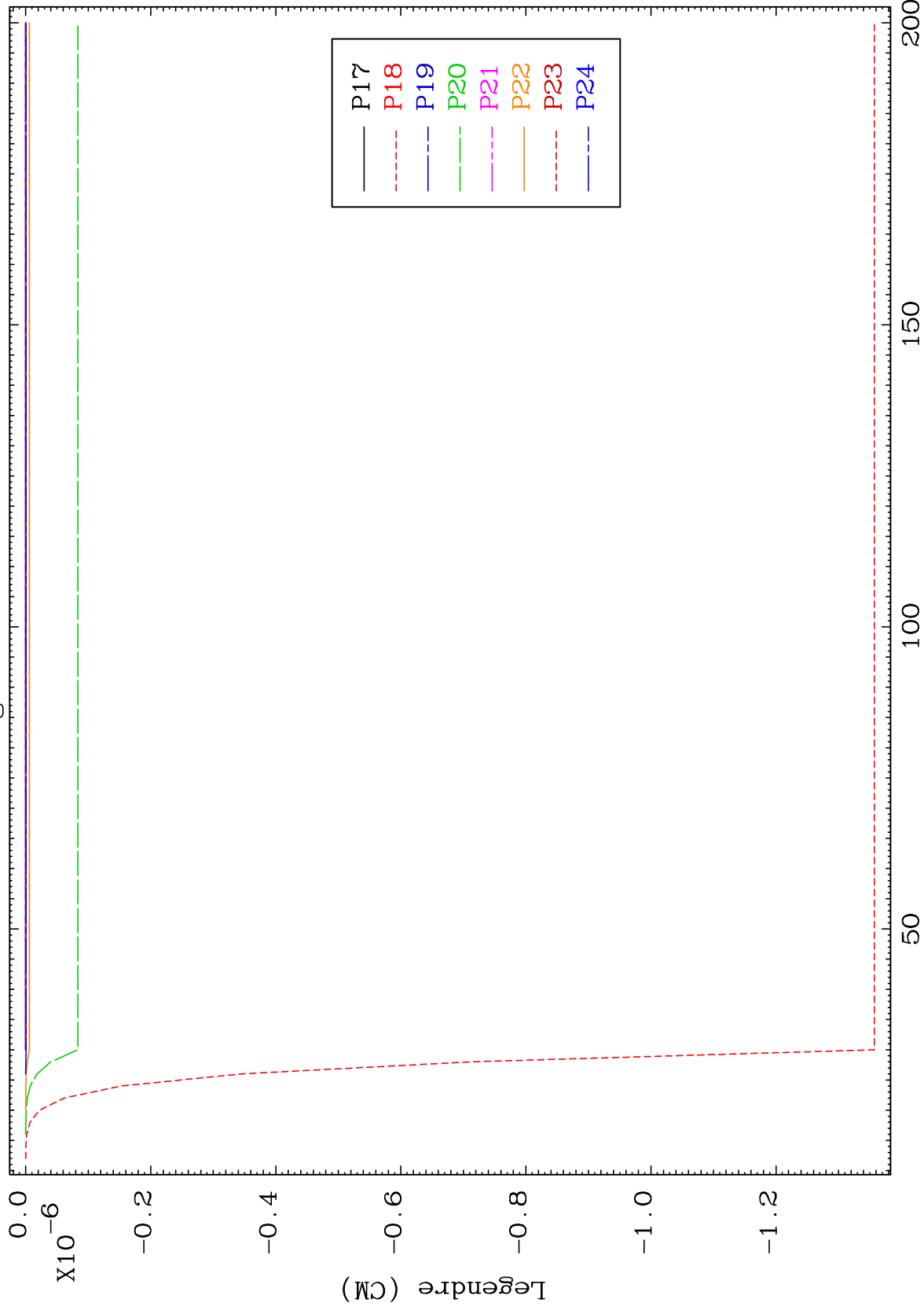
74



MAT 3716

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

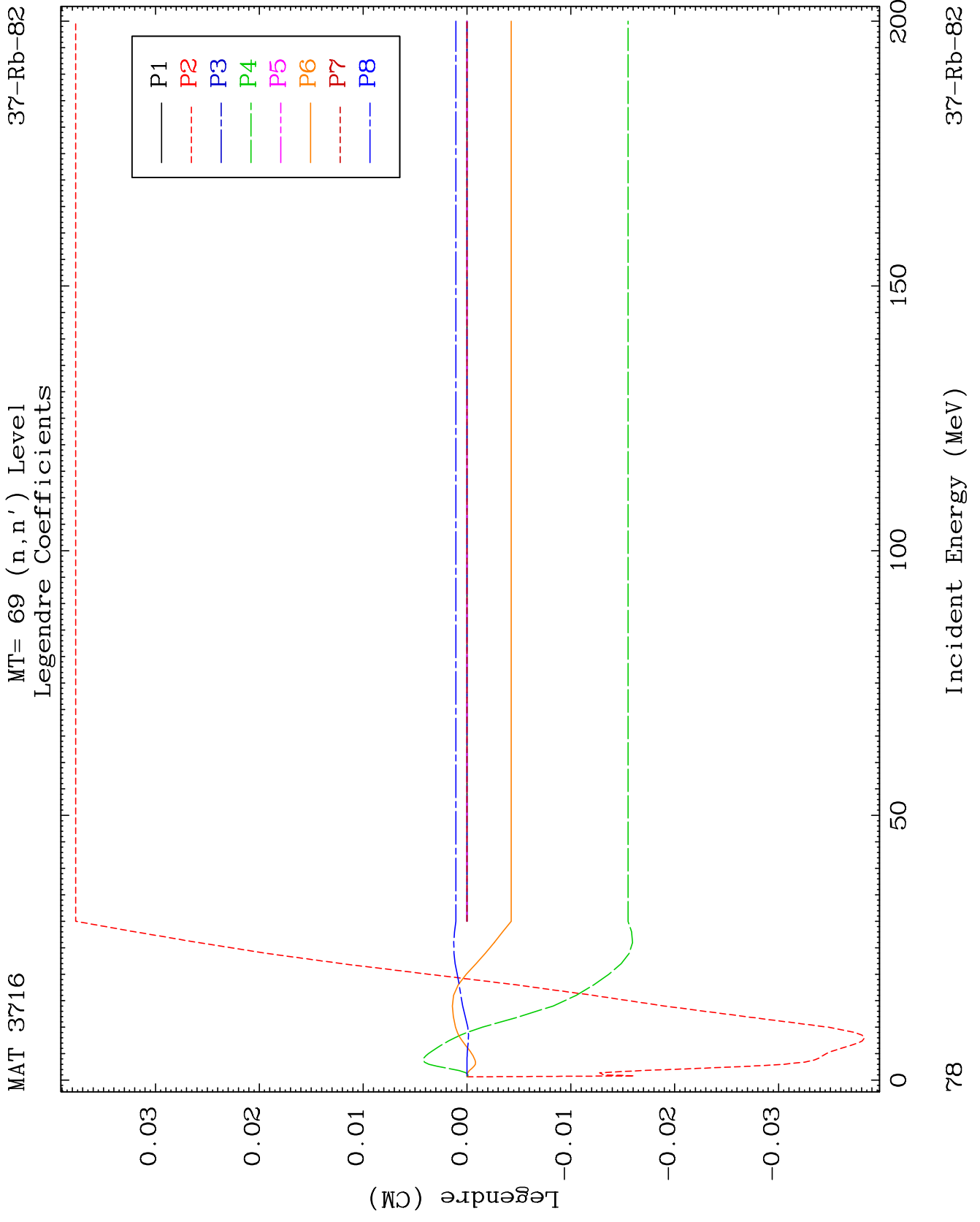
37-Rb-82



77

Incident Energy (MeV)

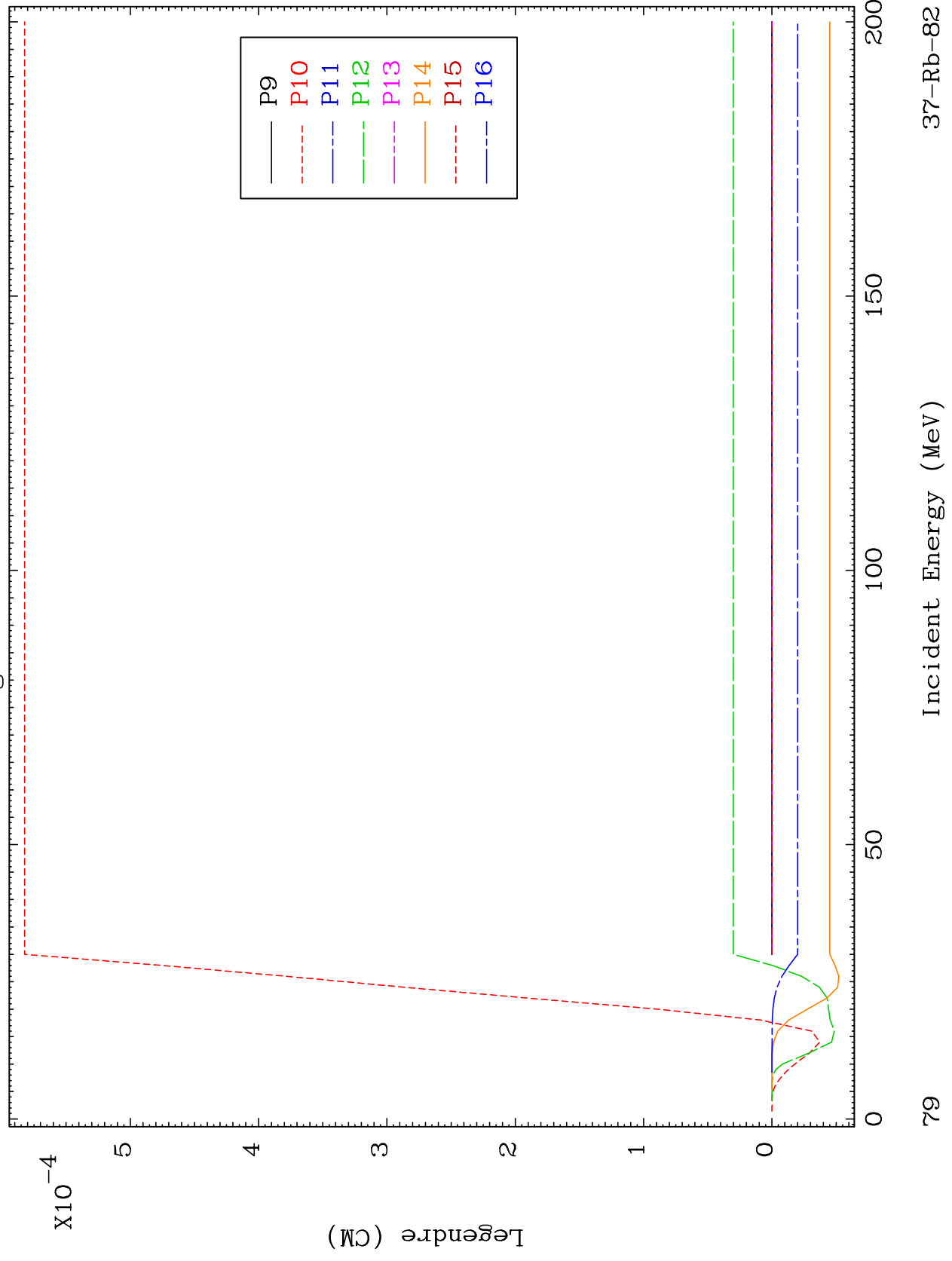
37-Rb-82



MAT 3716

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

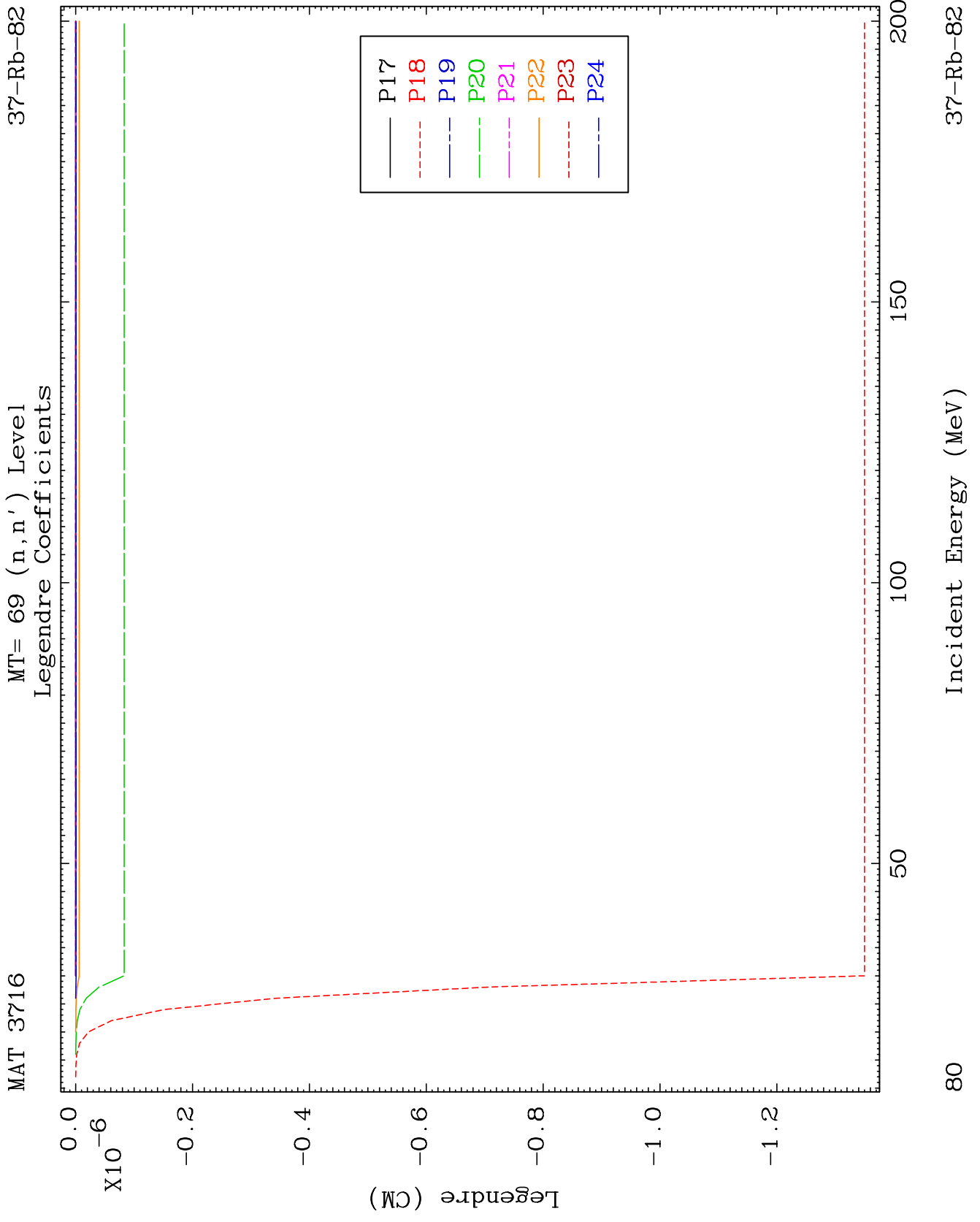
37-Rb-82

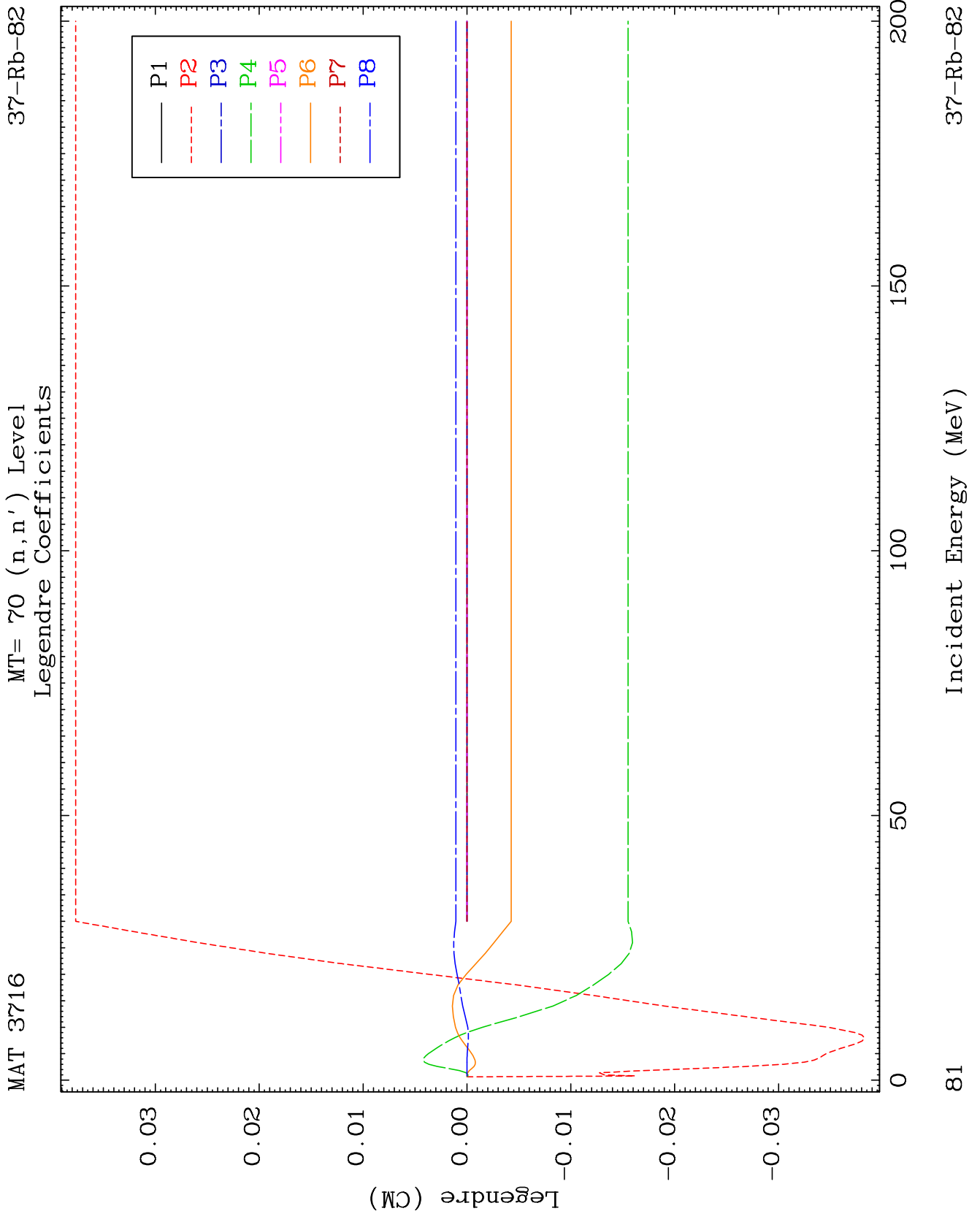


79

Incident Energy (MeV)

37-Rb-82

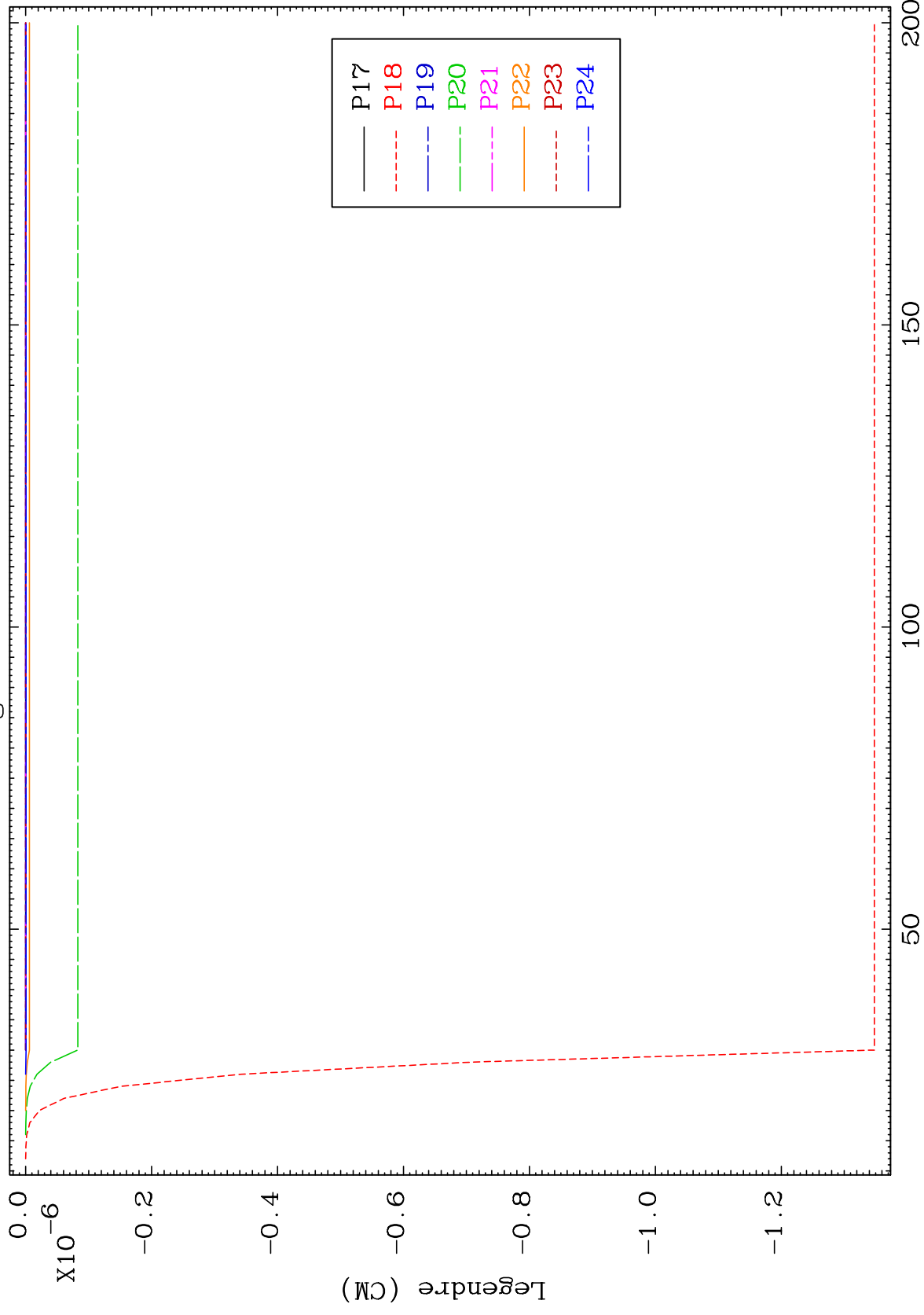




MAT 3716

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

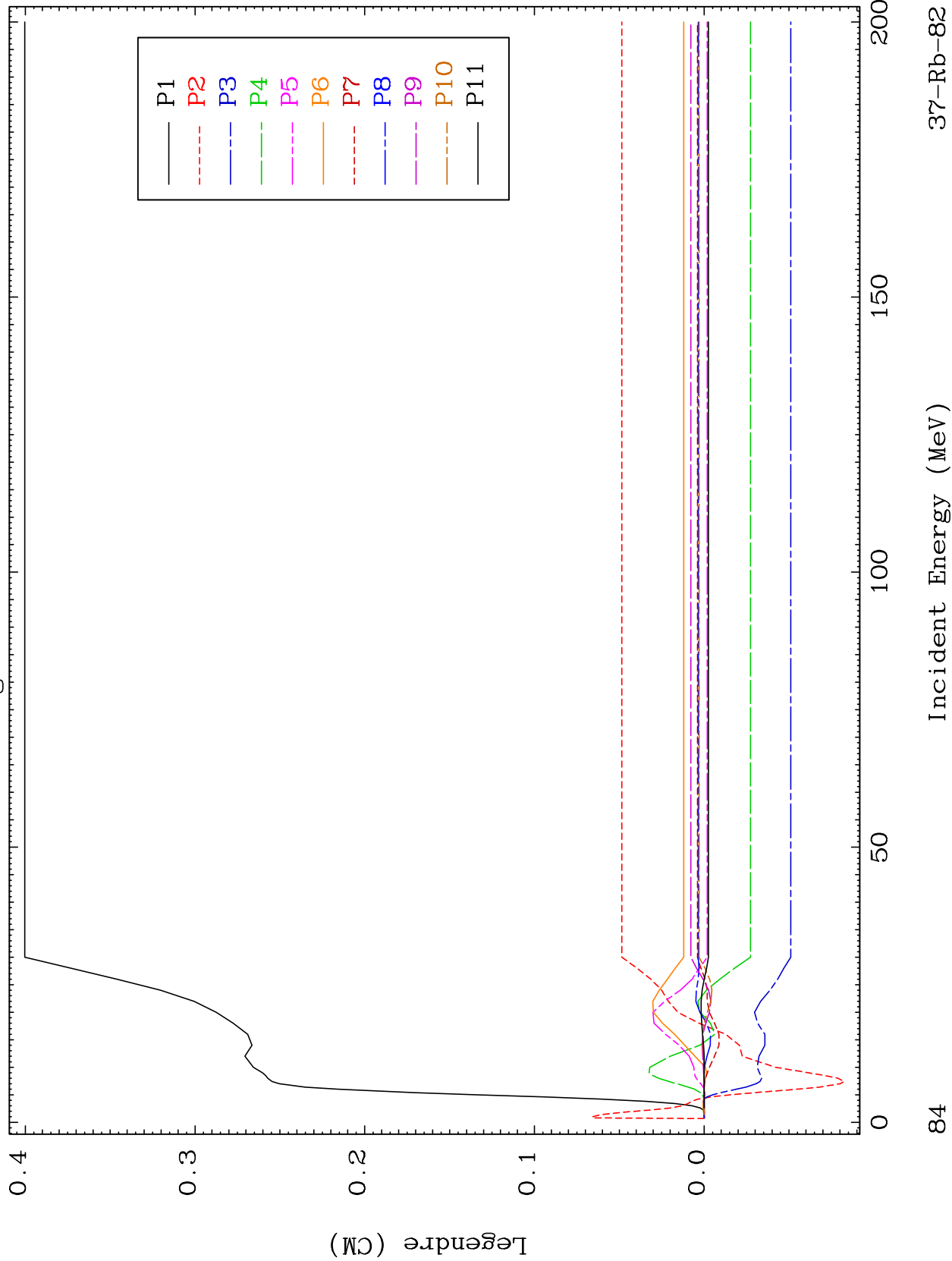
37-Rb-82



MAT 3716

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

37-Rb-82



84

Incident Energy (MeV)

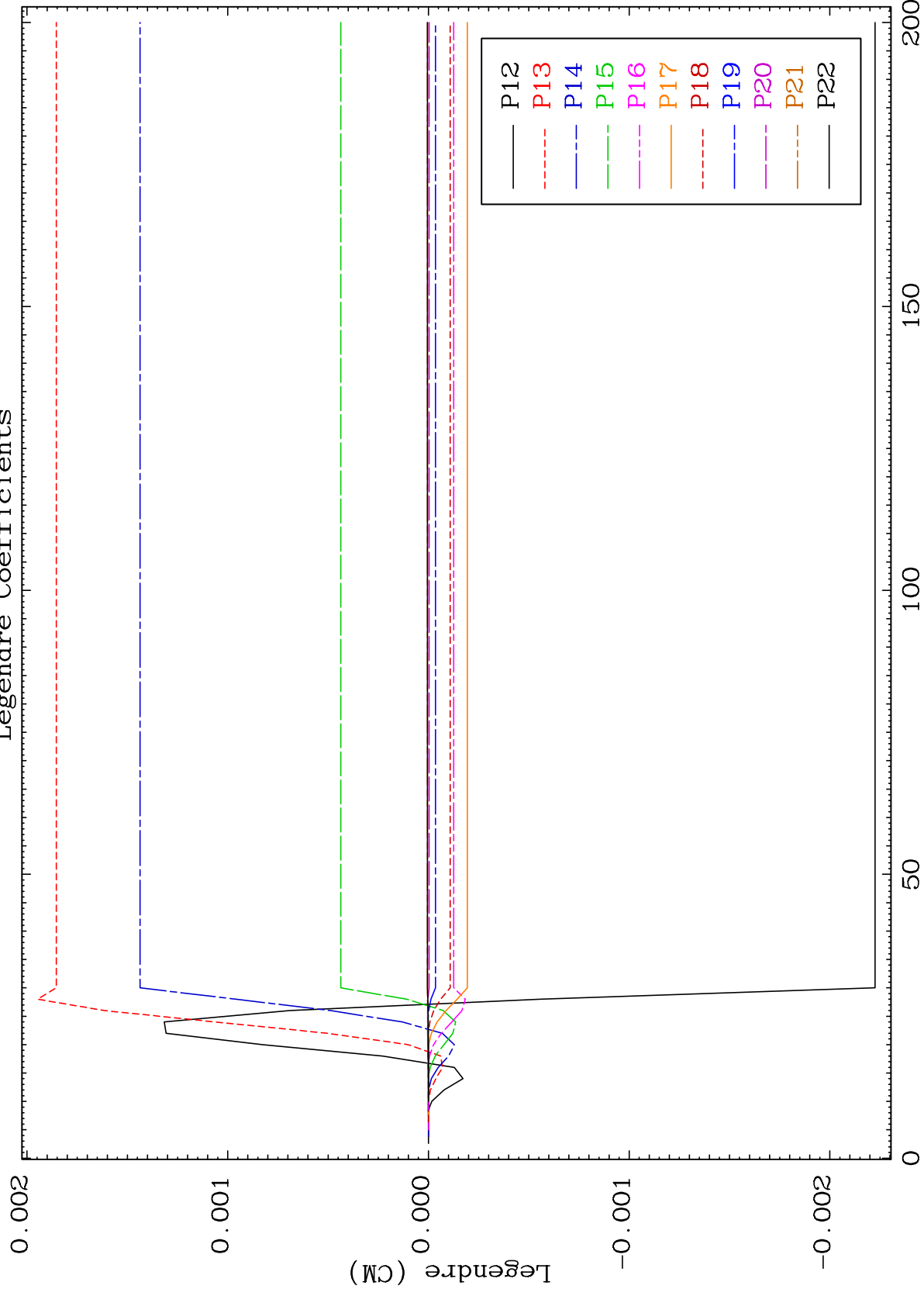
37-Rb-82

MAT 3716

MT= 71 (n,n') Level

37-Rb-82

Legendre Coefficients



85

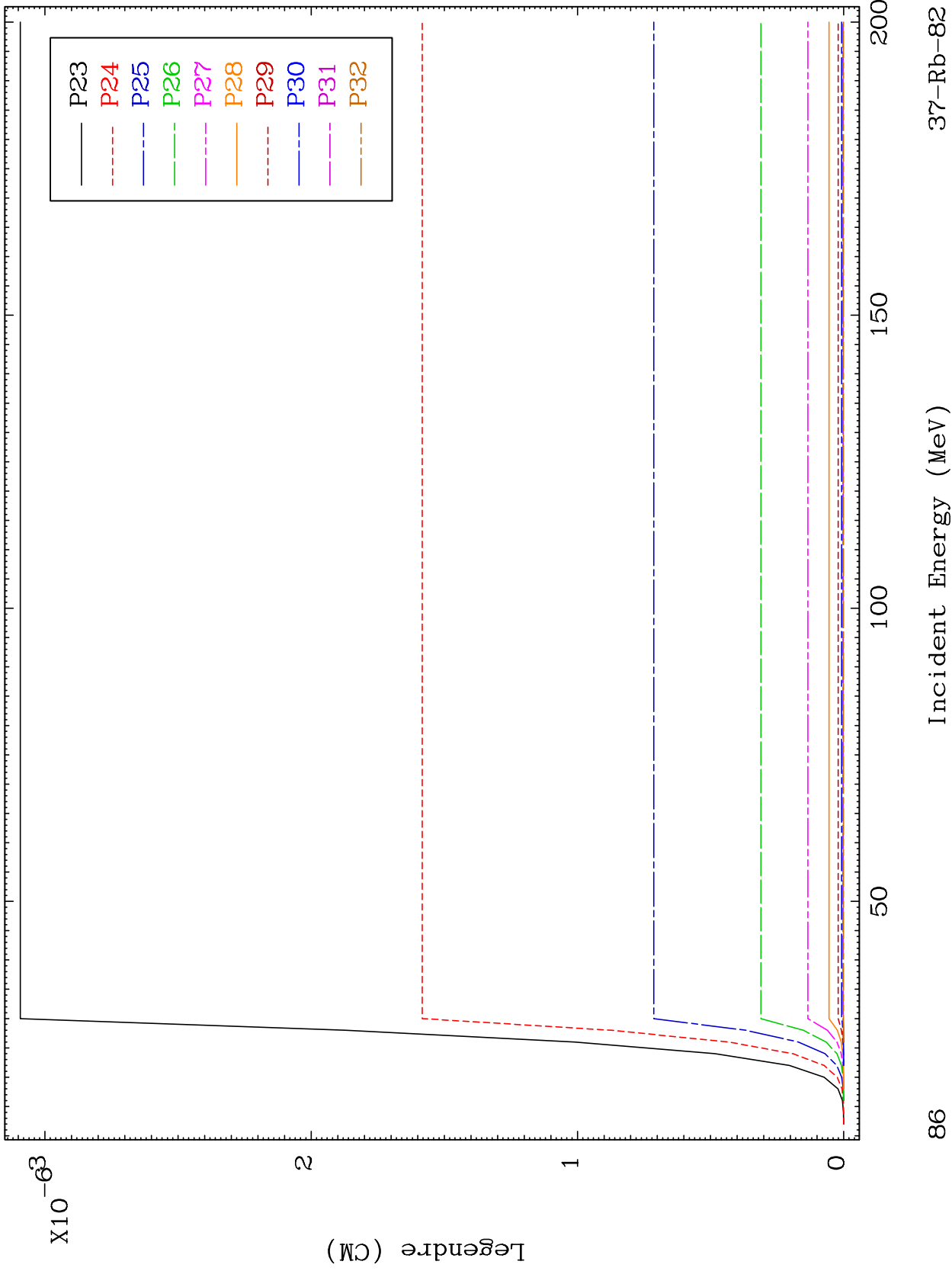
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

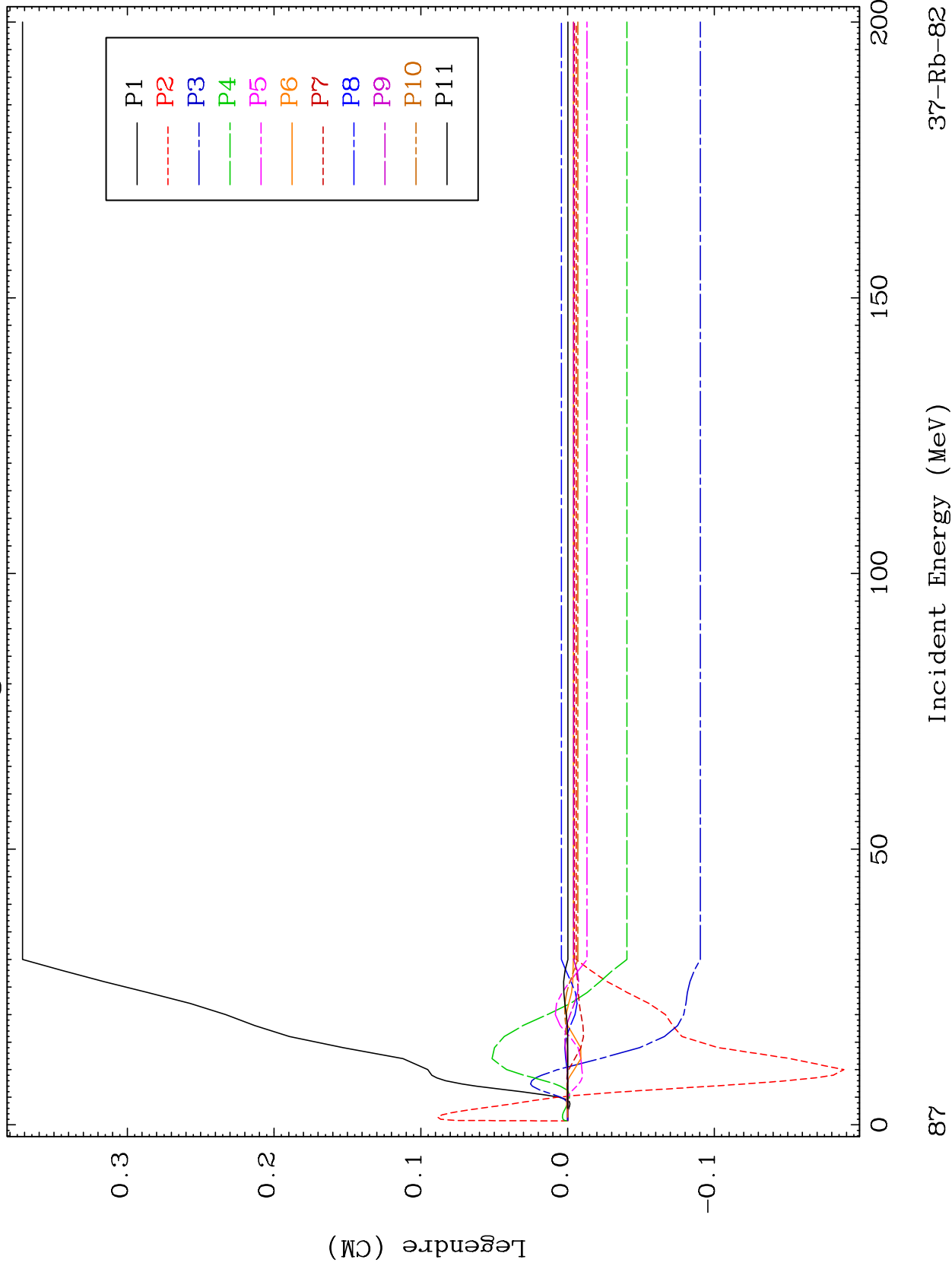
37-Rb-82



MAT 3716

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

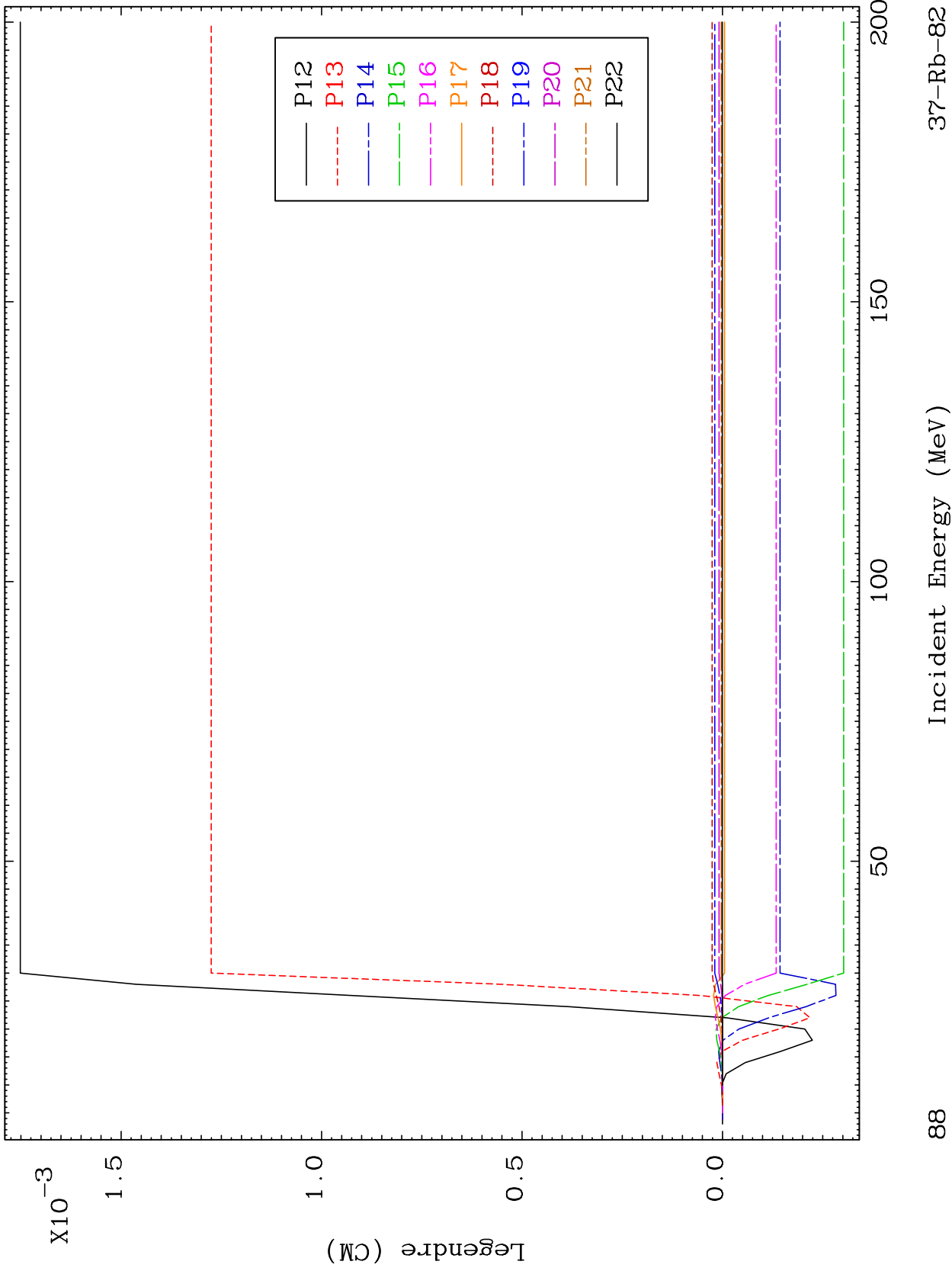
37-Rb-82



87

Incident Energy (MeV)

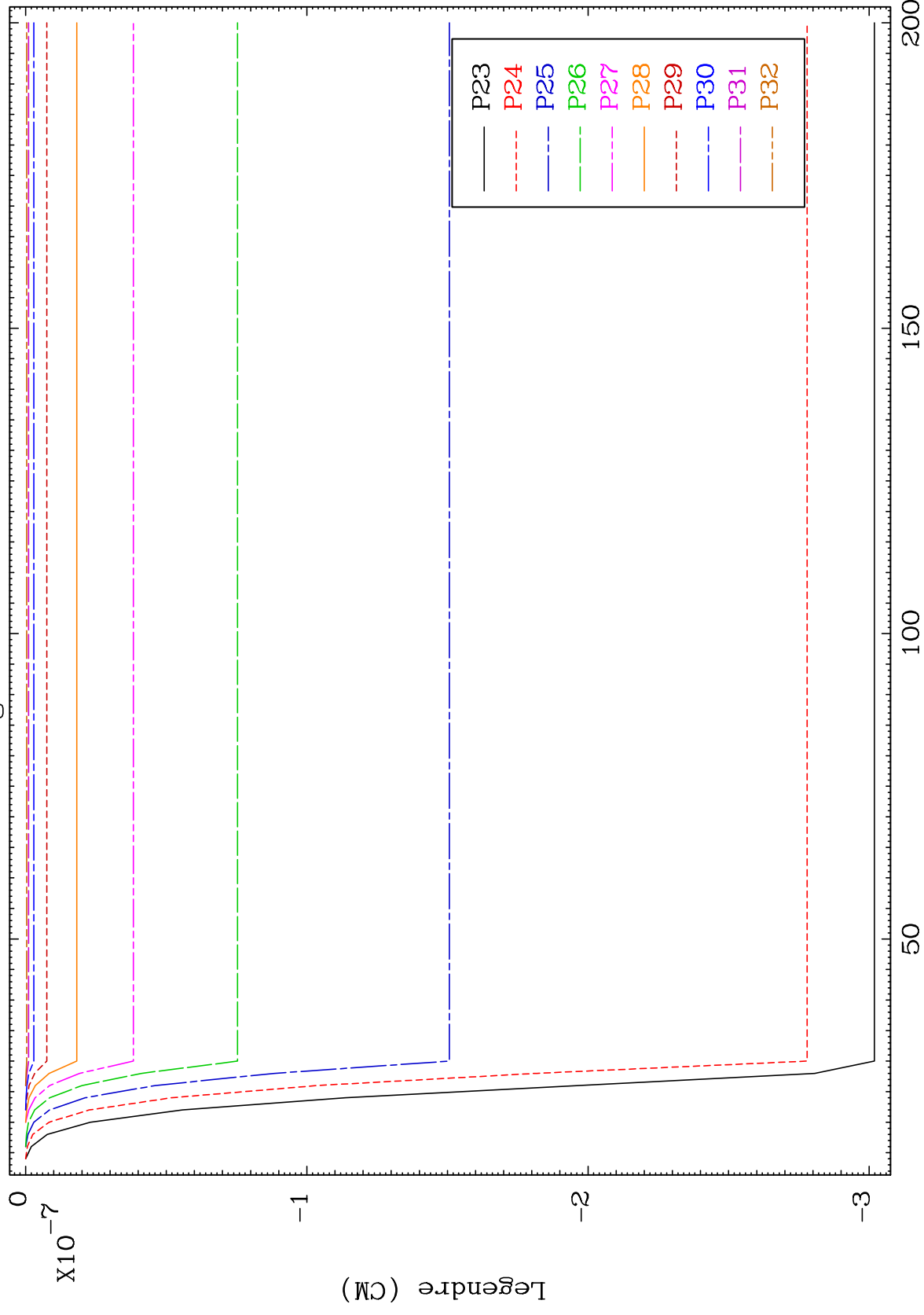
37-Rb-82



MAT 3716

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

37-Rb-82



37-Rb-82

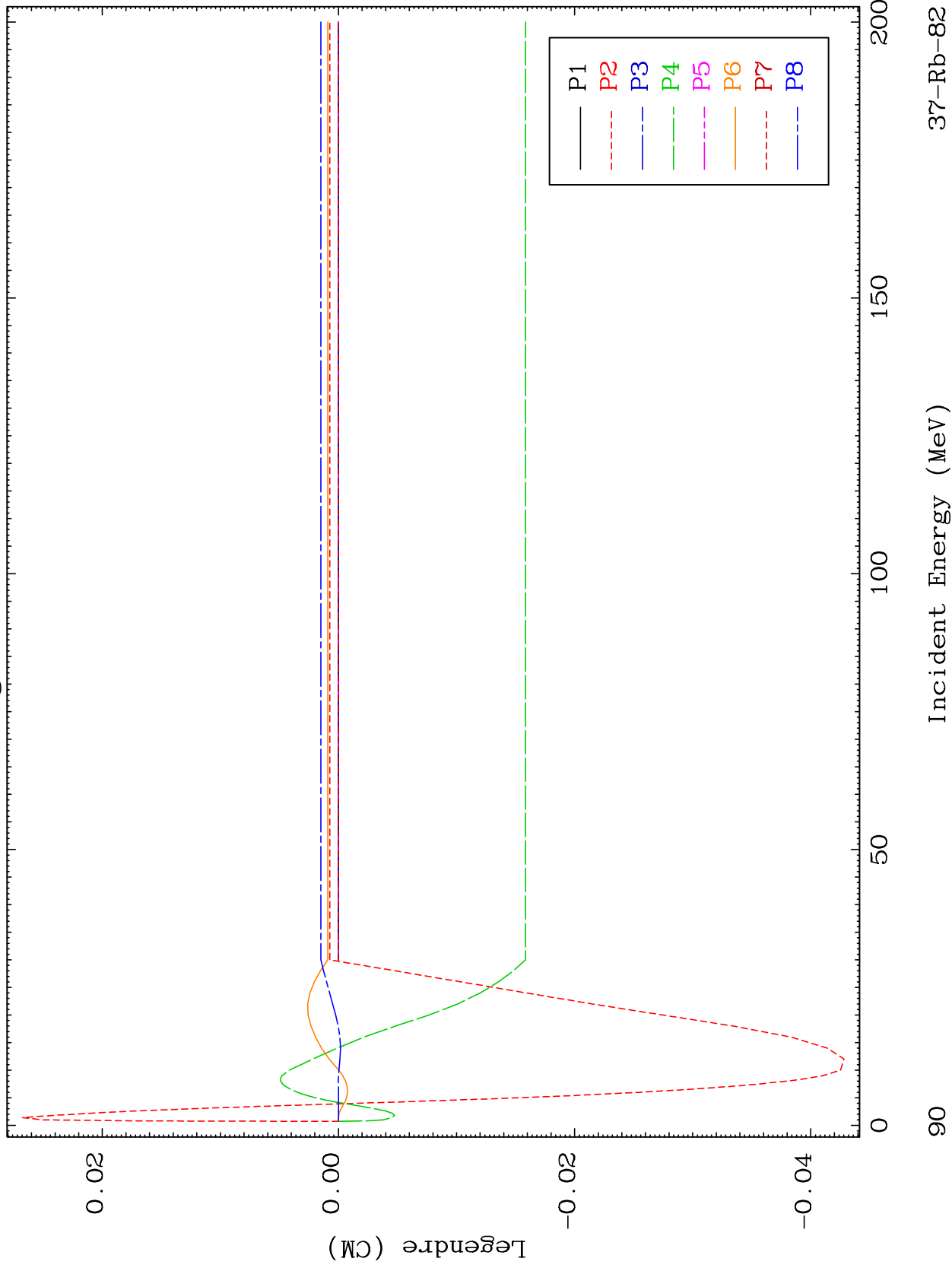
Incident Energy (MeV)

89

MAT 3716

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

37-Rb-82

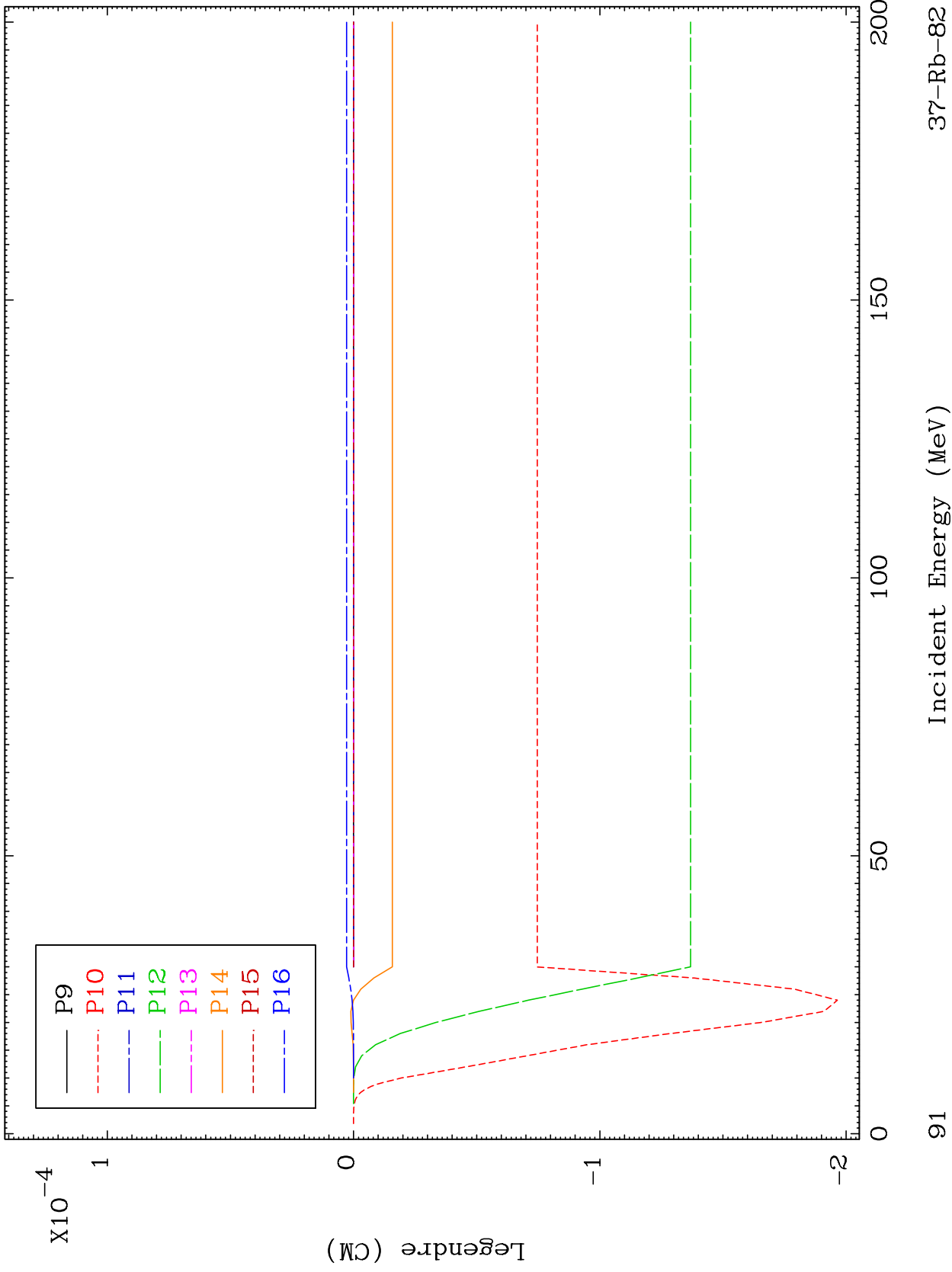


37-Rb-82

MAT 3716

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

37-Rb-82



91

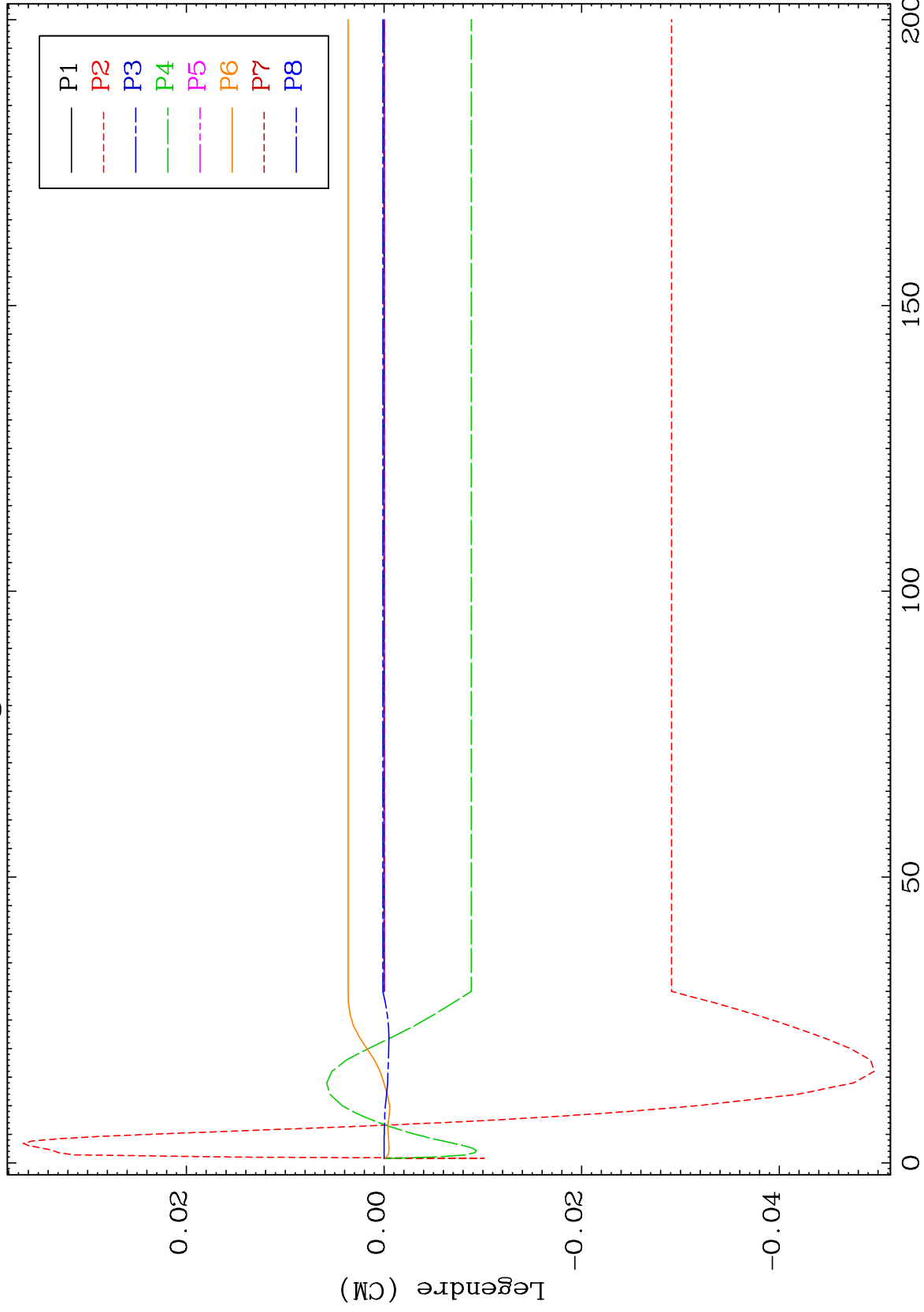
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



93

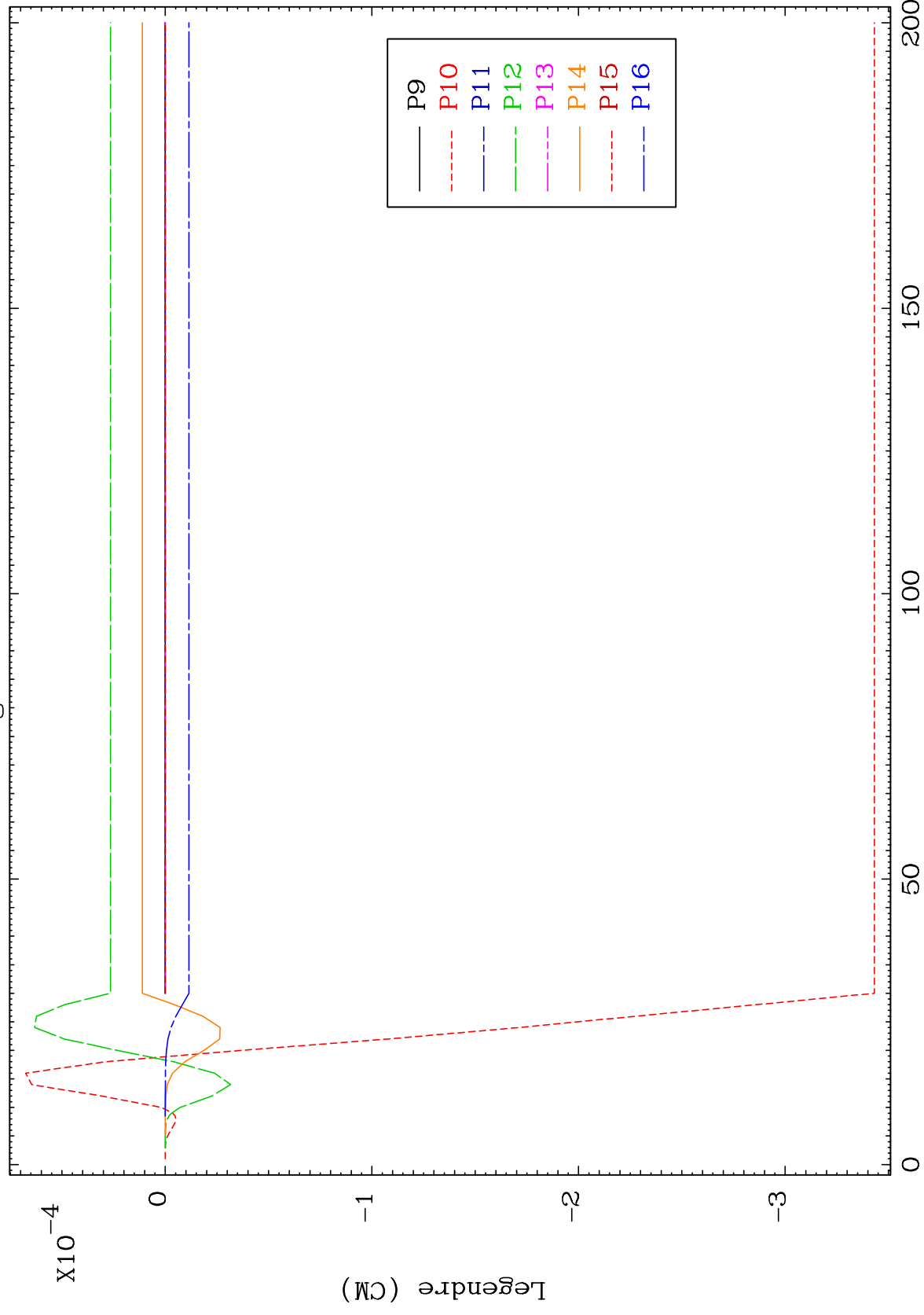
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



94

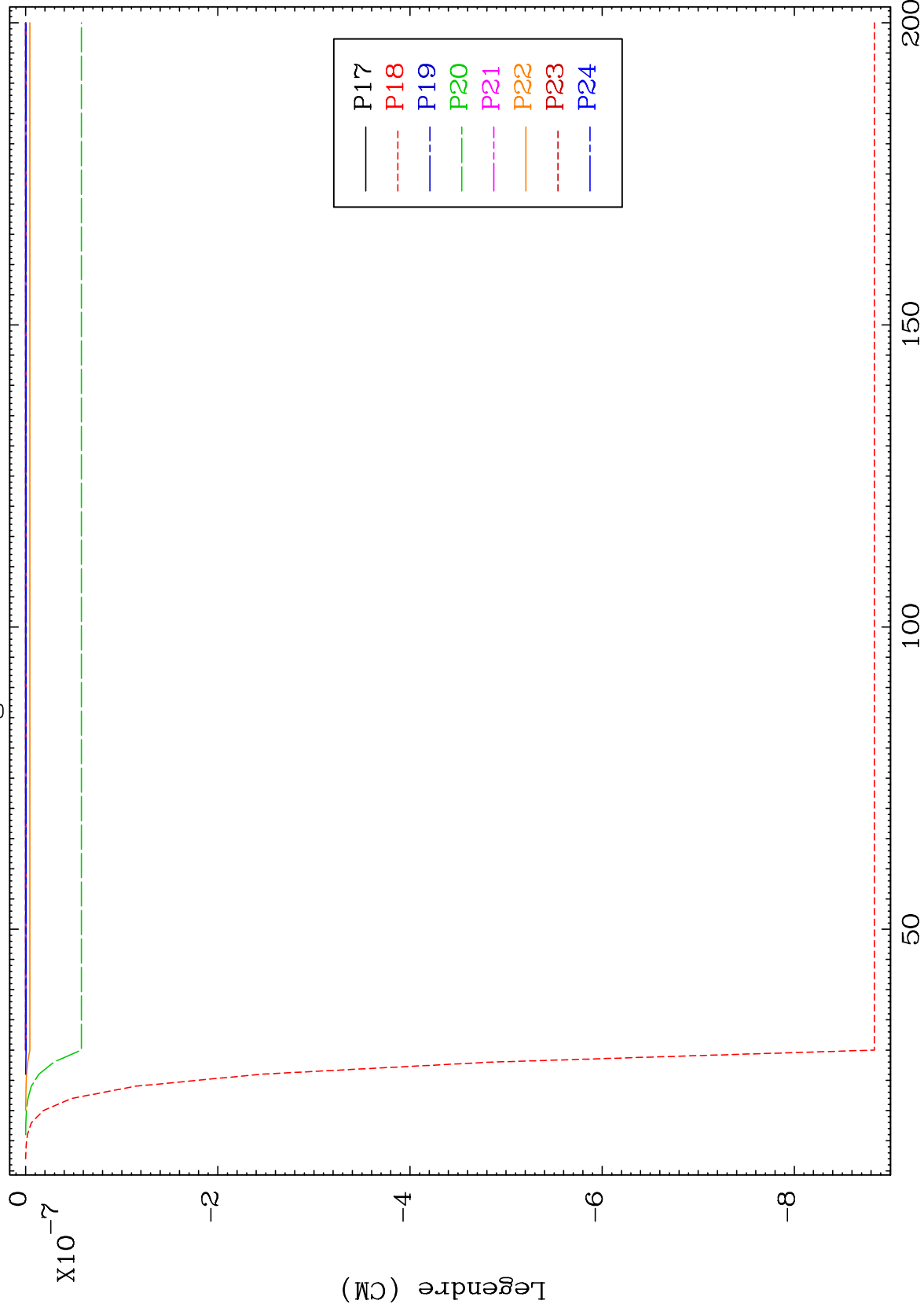
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

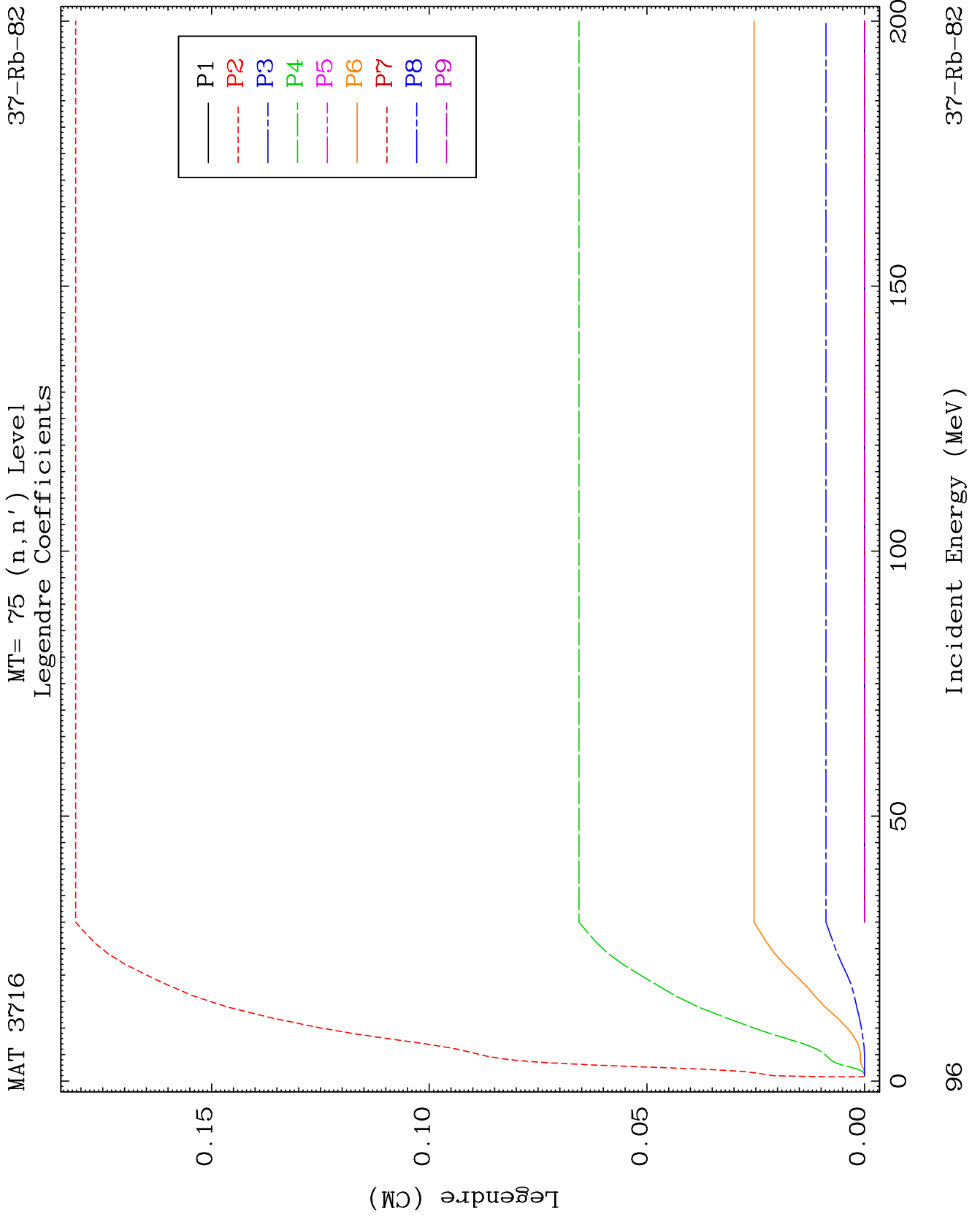
37-Rb-82



37-Rb-82

Incident Energy (MeV)

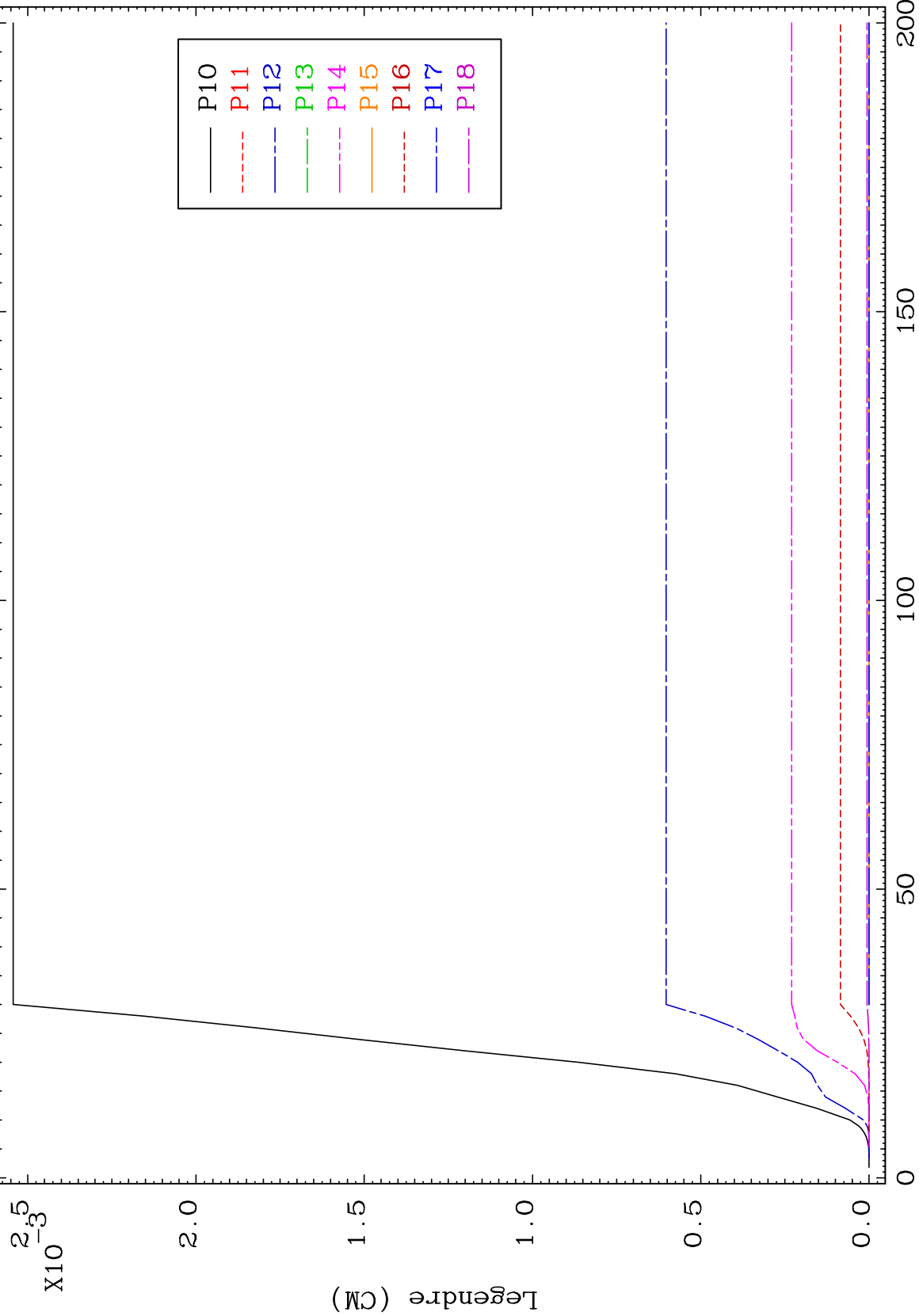
95



MAT 3716

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

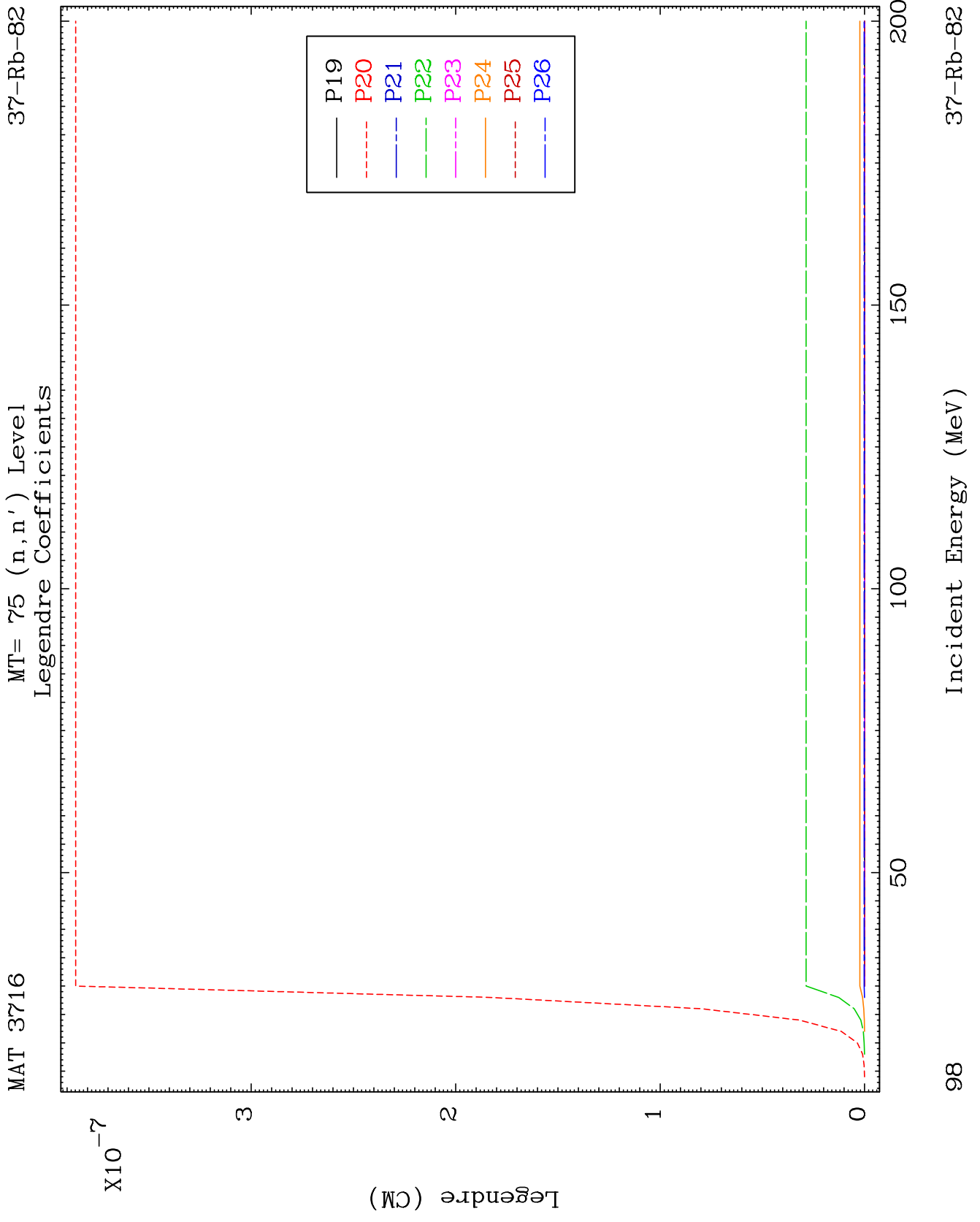
37-Rb-82



97

Incident Energy (MeV)

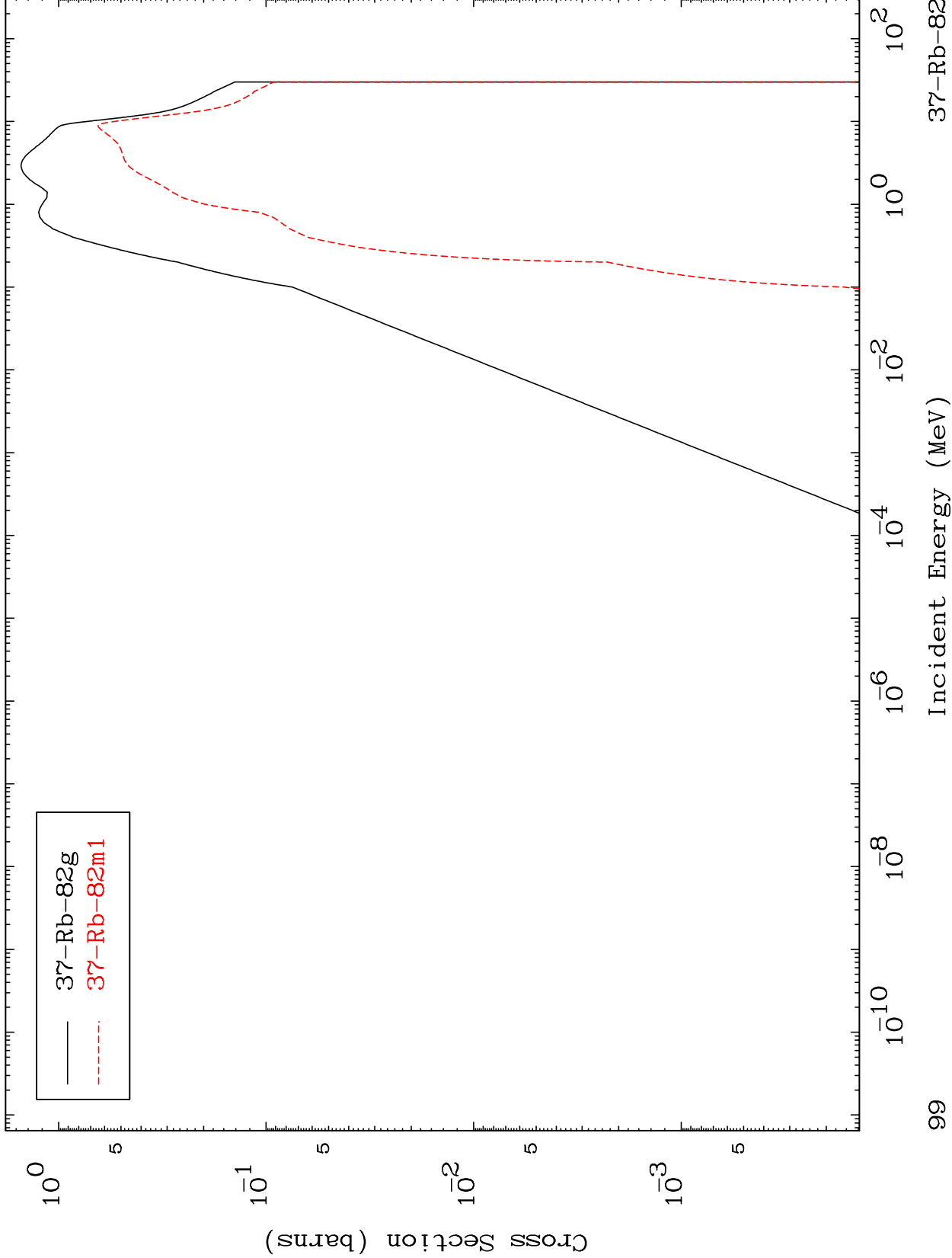
37-Rb-82



MAT 3716

Inelastic
Radionuclide Production Cross Section

³⁷Rb-82



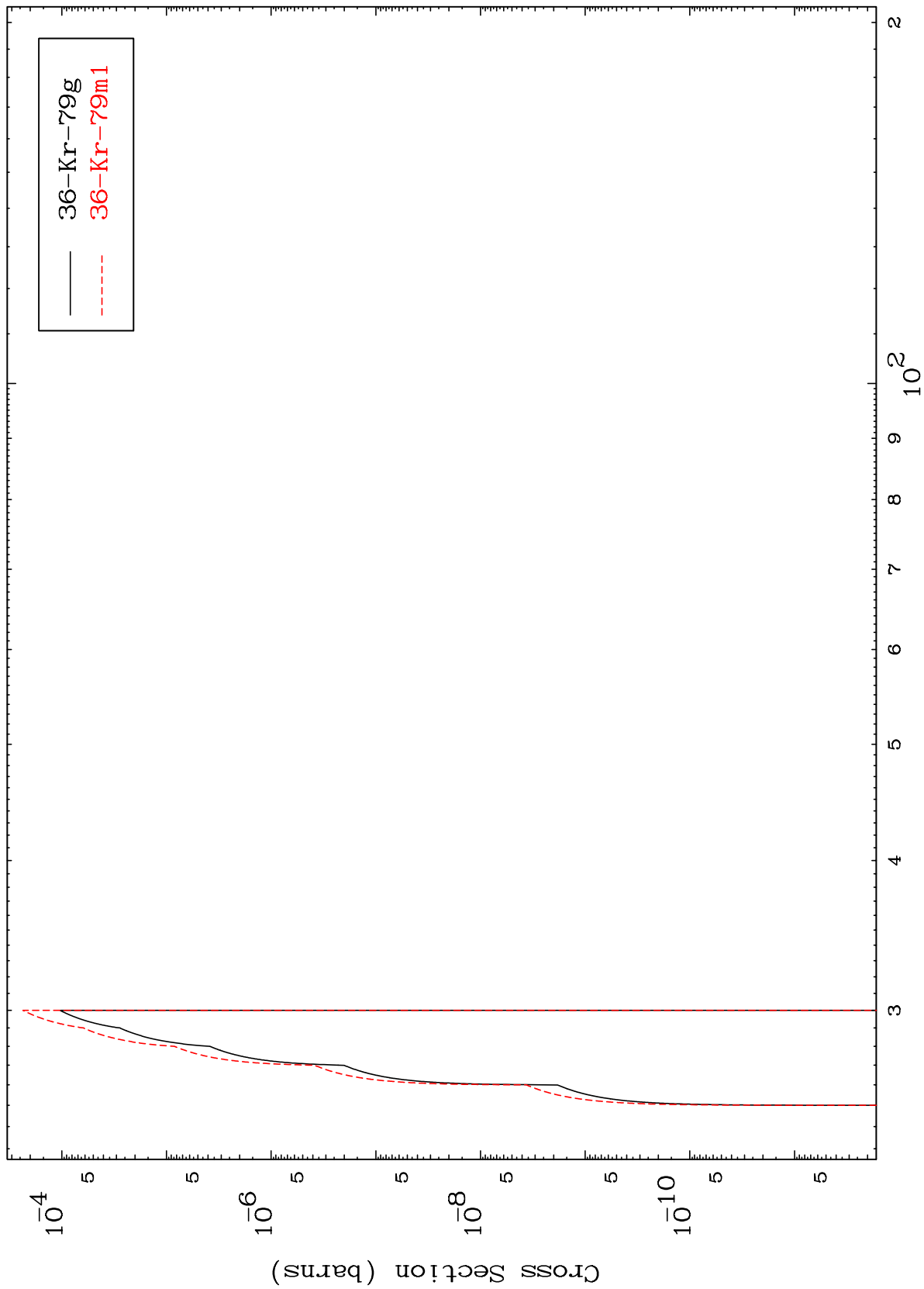
³⁷Rb-82

MAT 3716

(n,2n) d

37-Rb-82

Radionuclide Production Cross Section



100

Incident Energy (MeV)

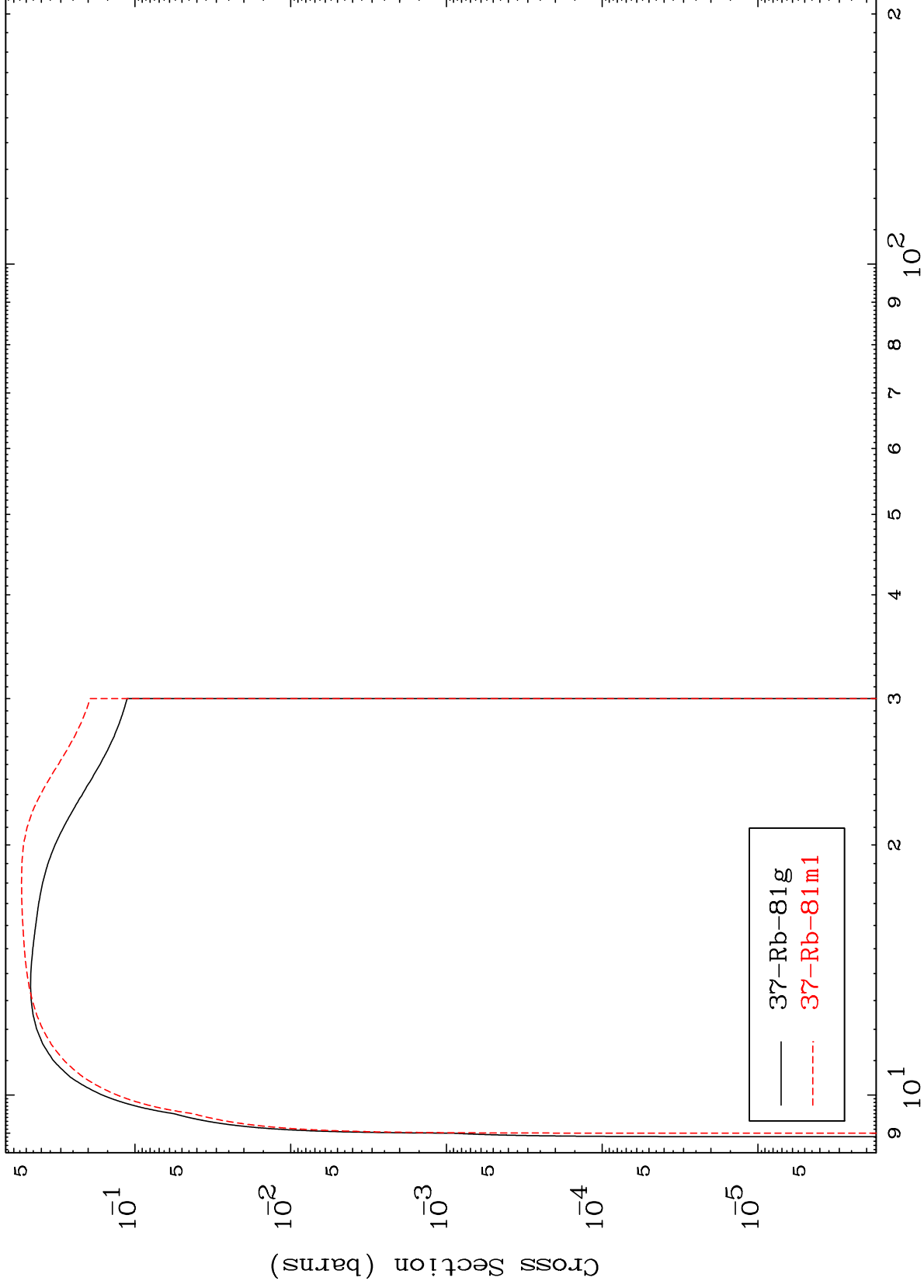
37-Rb-82

MAT 3716

(n,2n)

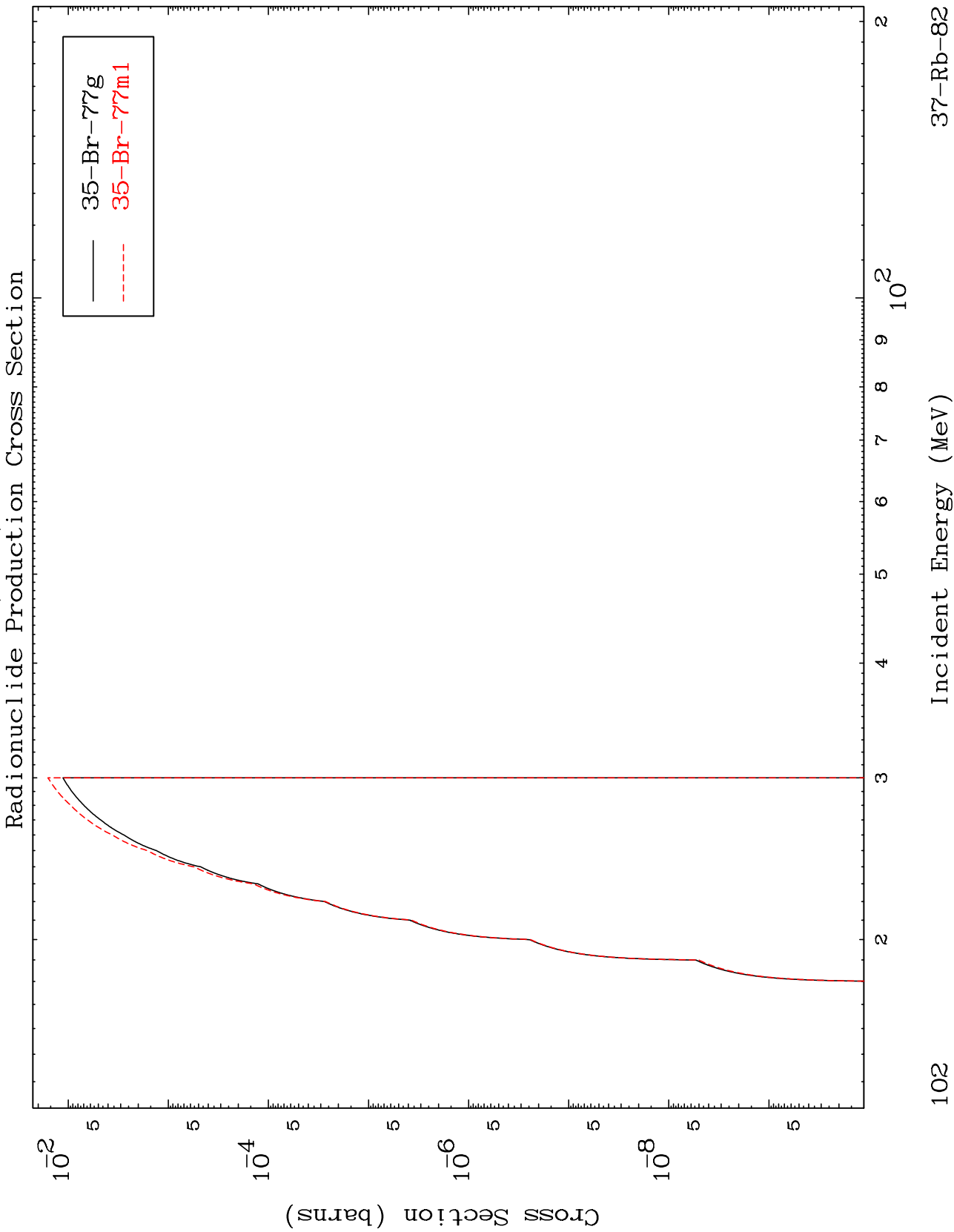
37-Rb-82

Radionuclide Production Cross Section



37-Rb-82

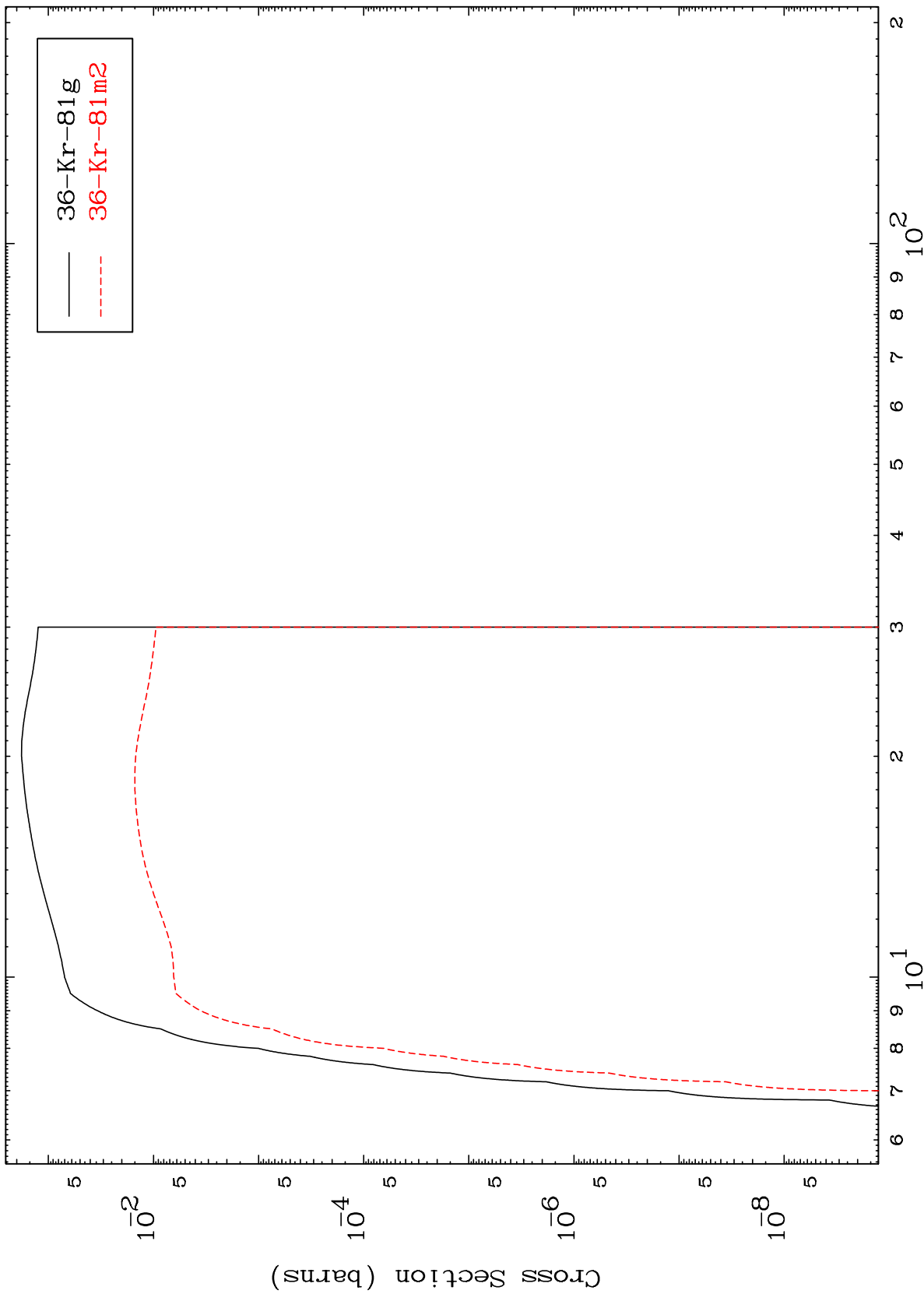
101



MAT 3716

37-Rb-82

(n, n') p
Radionuclide Production Cross Section

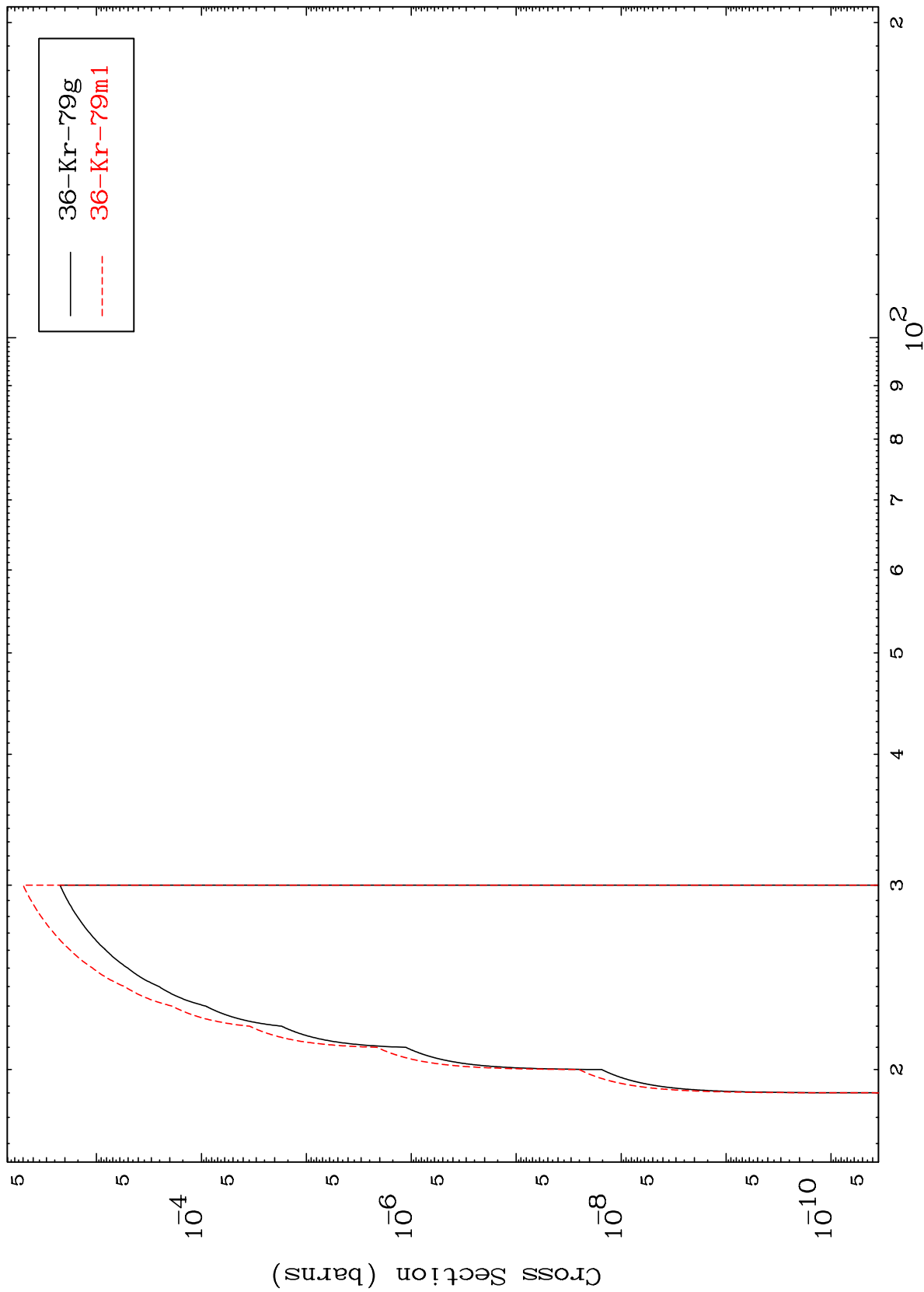


103

Incident Energy (MeV)

37-Rb-82

Radionuclide Production Cross Section

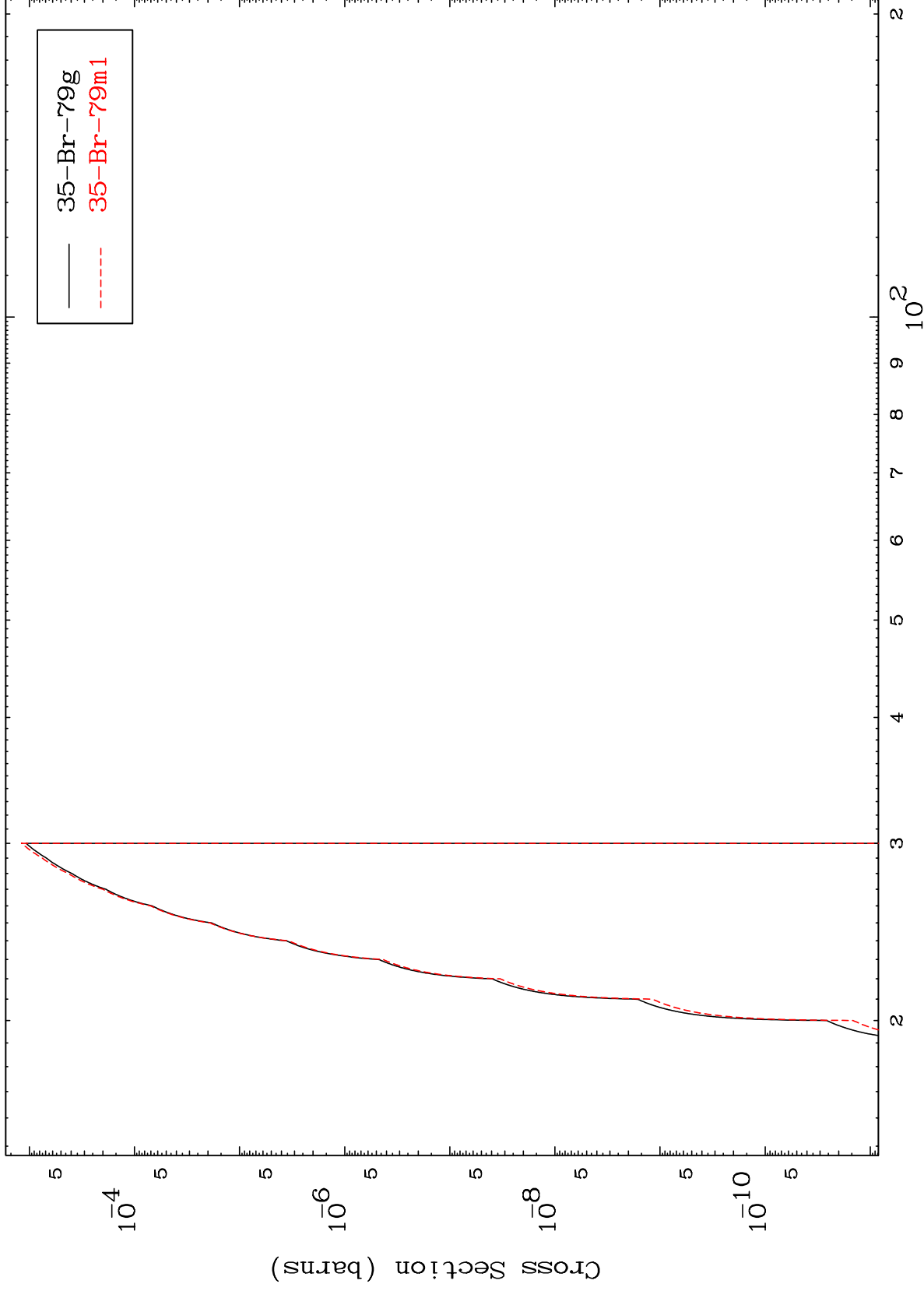


MAT 3716

(n,n') He-3

37-Rb-82

Radionuclide Production Cross Section

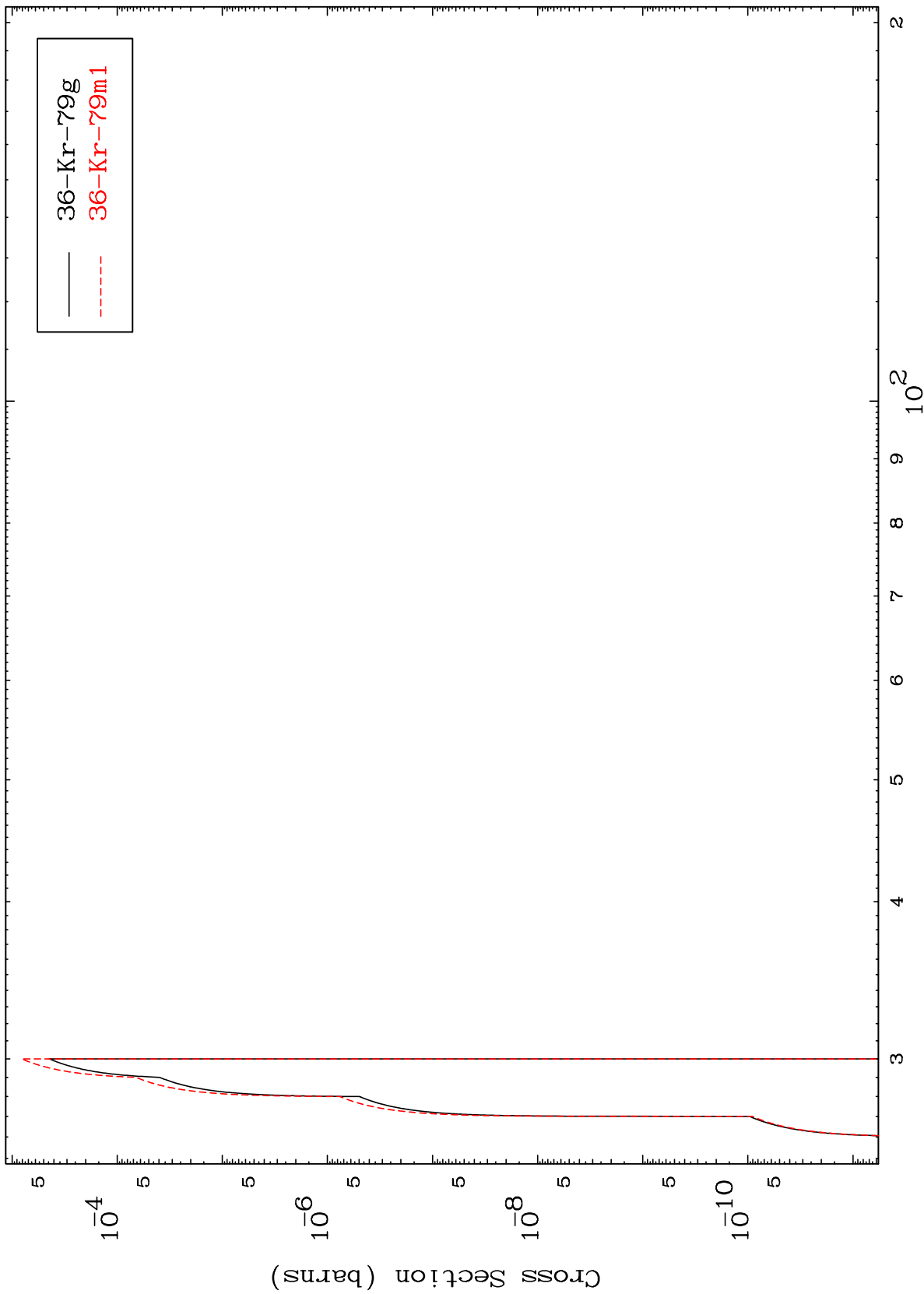


105

Incident Energy (MeV)

37-Rb-82

Radionuclide Production Cross Section

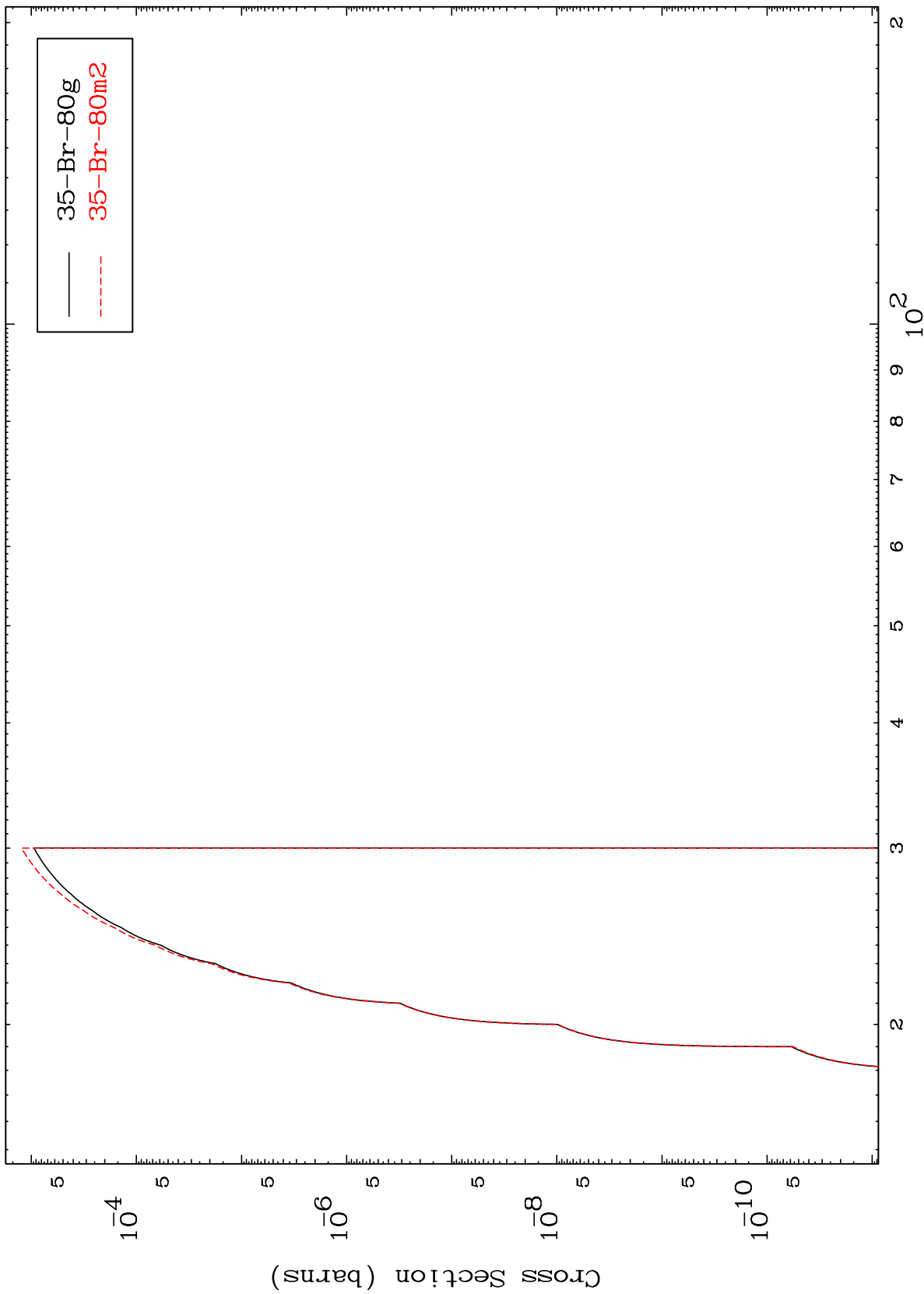


MAT 3716

(n,2n) p

37-Rb-82

Radionuclide Production Cross Section



107

Incident Energy (MeV)

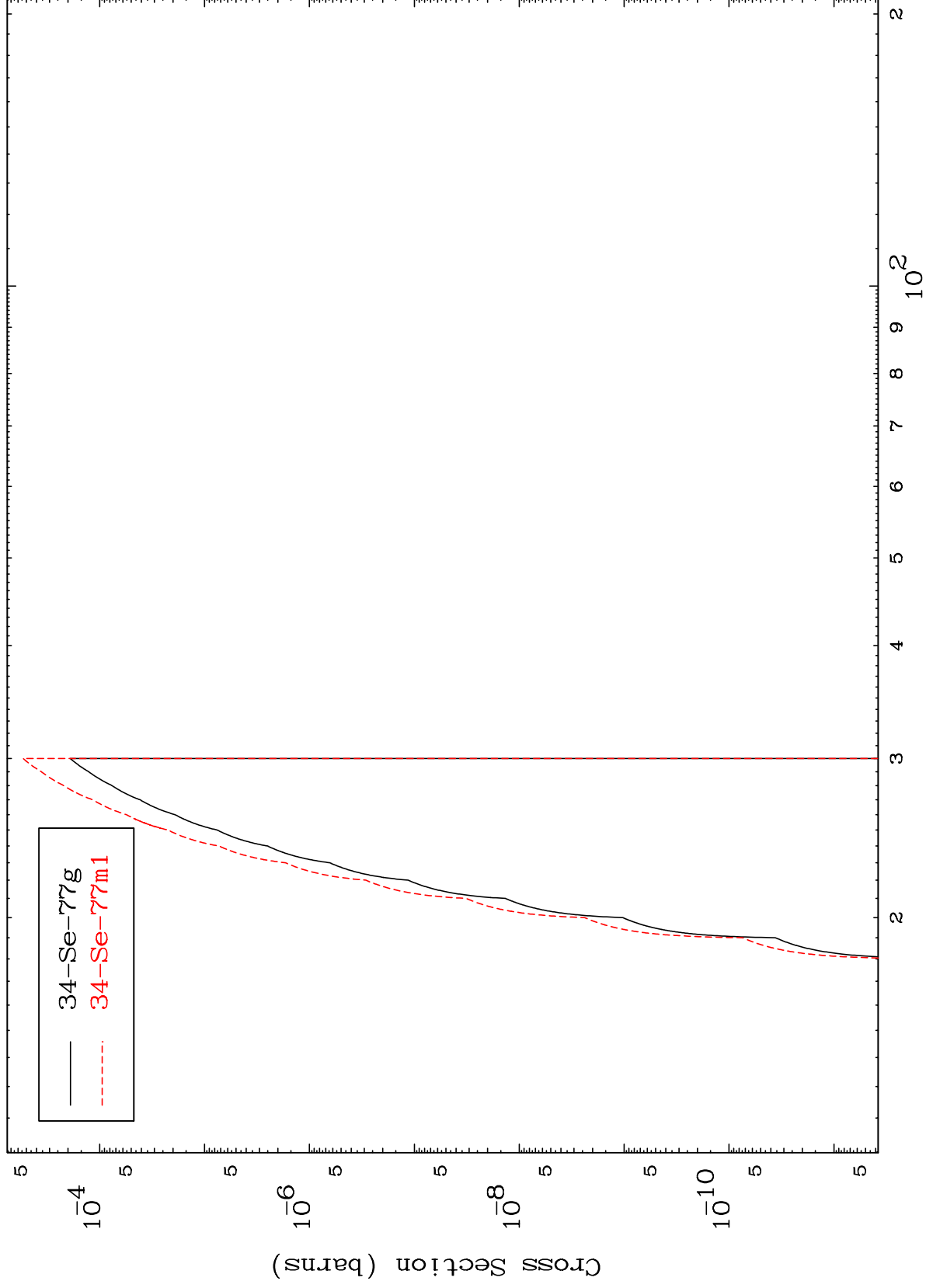
37-Rb-82

MAT 3716

(n,n') p α

37-Rb-82

Radionuclide Production Cross Section



108

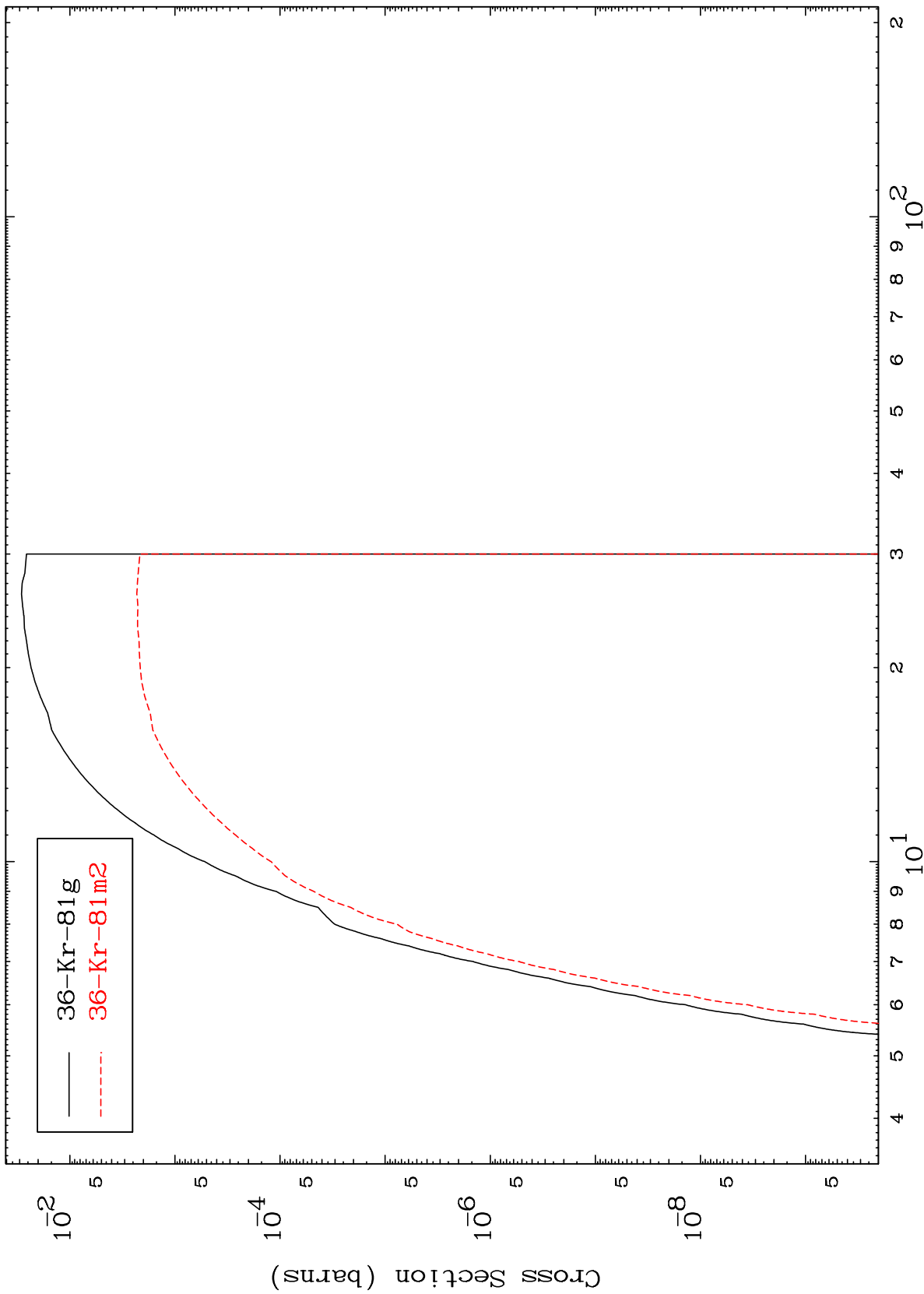
Incident Energy (MeV)

37-Rb-82

MAT 3716

37-Rb-82

(n,d)
Radionuclide Production Cross Section



— 36-Kr-81g
- - - 36-Kr-81m2

109

Incident Energy (MeV)

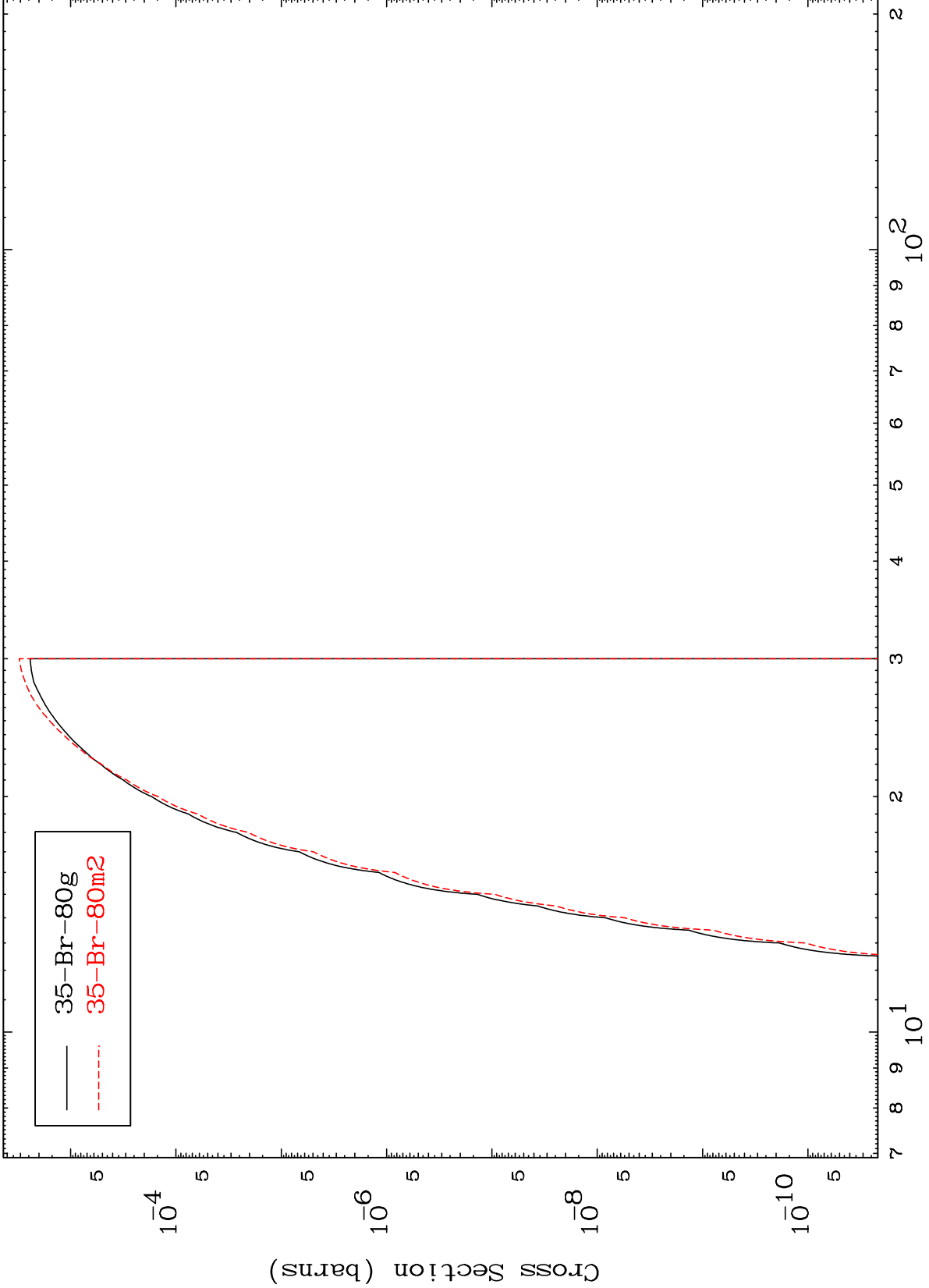
37-Rb-82

MAT 3716

(n,He-3)

37-Rb-82

Radionuclide Production Cross Section



110

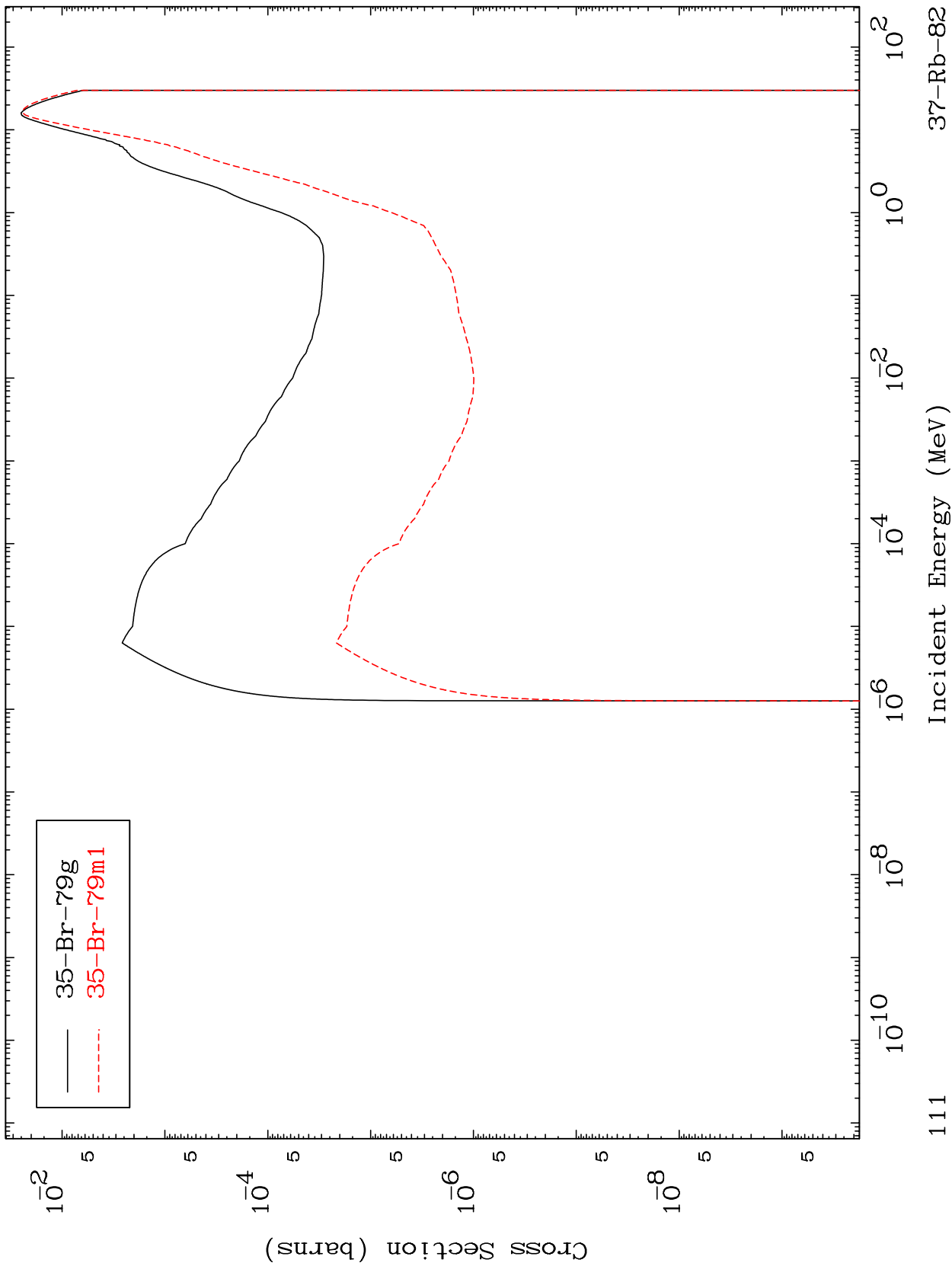
Incident Energy (MeV)

37-Rb-82

MAT 3716

37-Rb-82

Radionuclide Production Cross Section
(n, α)



Radionuclide Production Cross Section

