

Program EVALPLOT
(Version 2018-1)

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

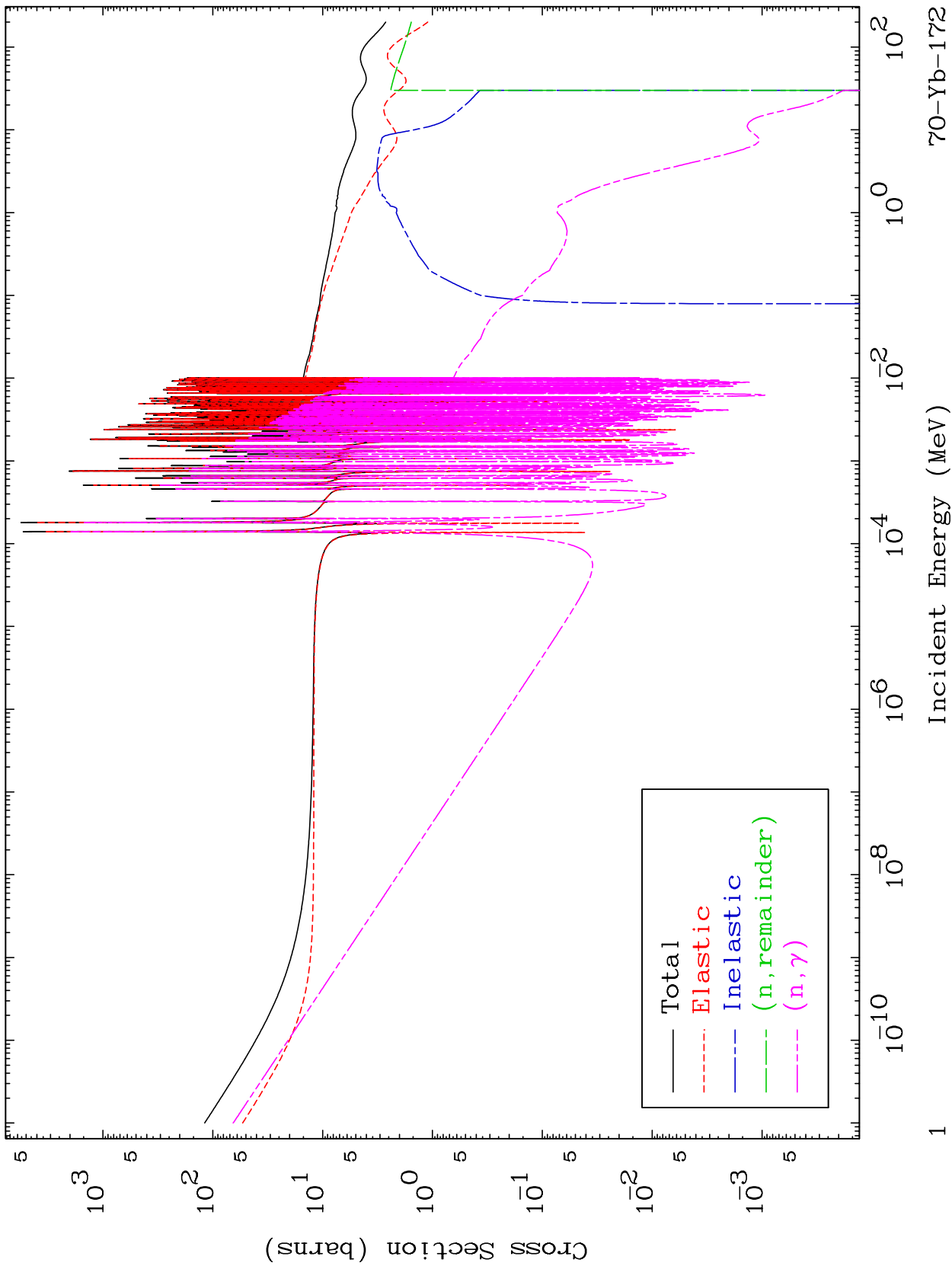
Press Mouse Button to Start

MAT 7037

Major

293 Kelvin Cross Sections

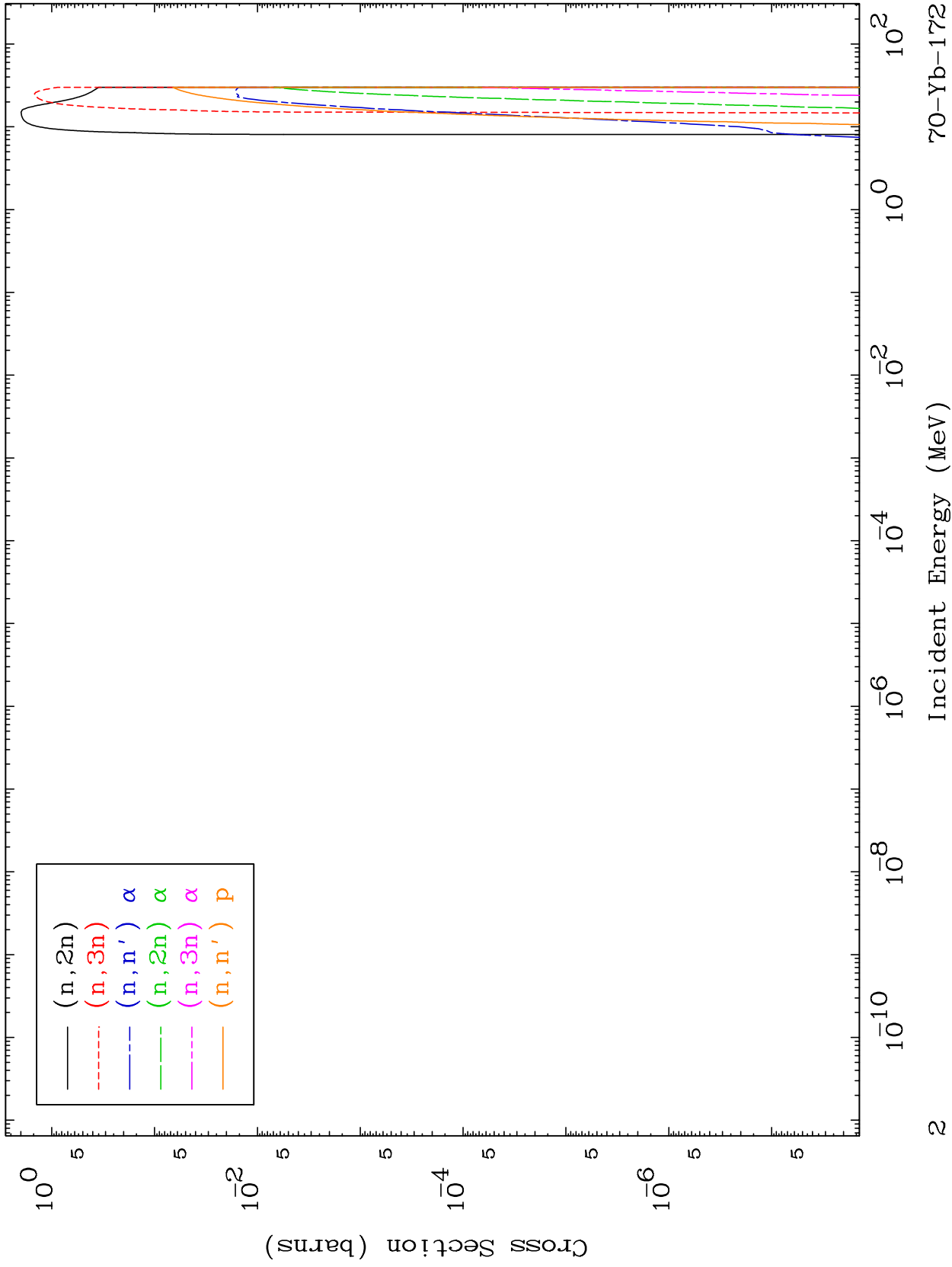
70-Yb-172

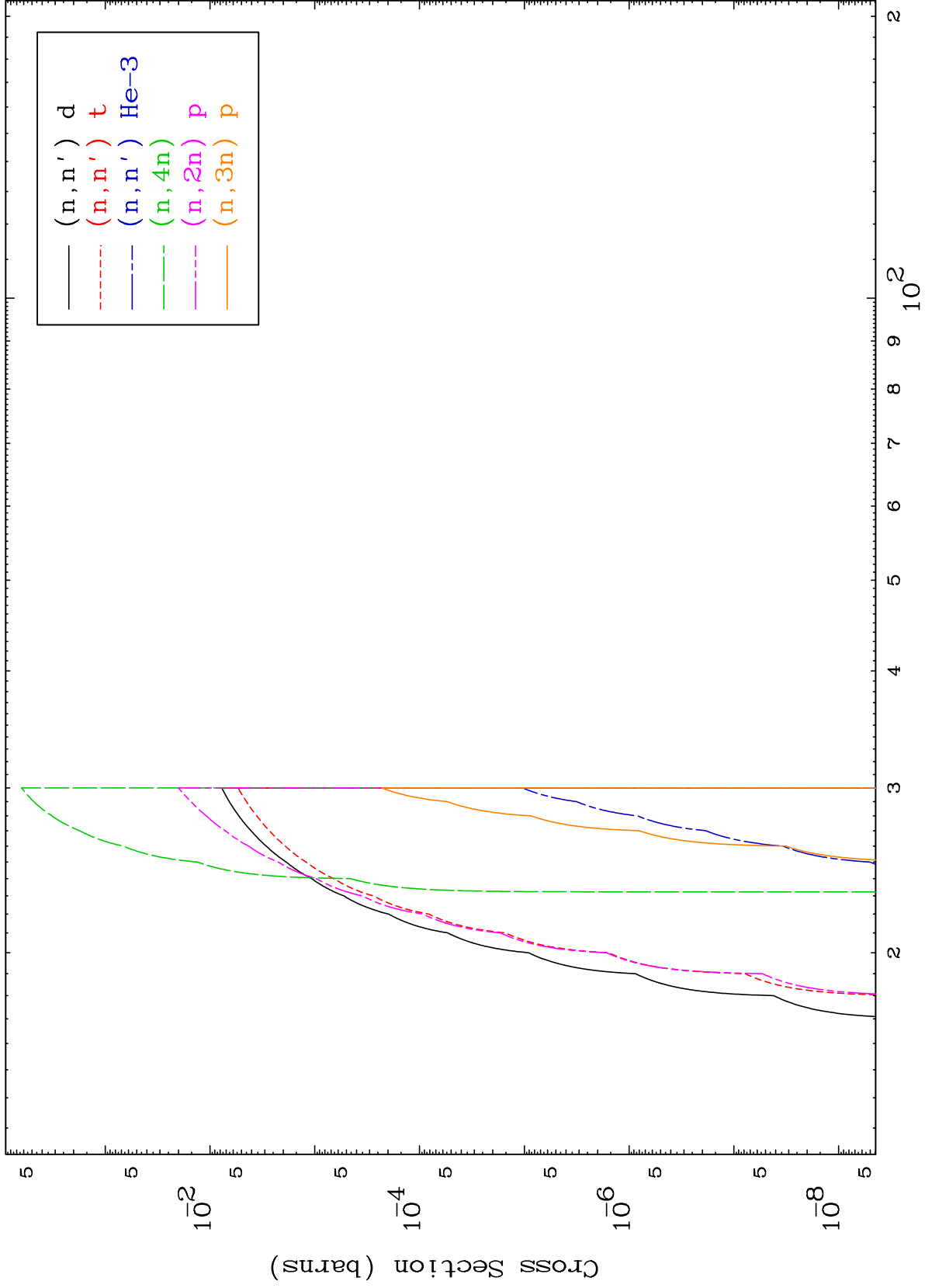


MAT 7037

Neutron Production
293 Kelvin Cross Sections

70-Yb-172

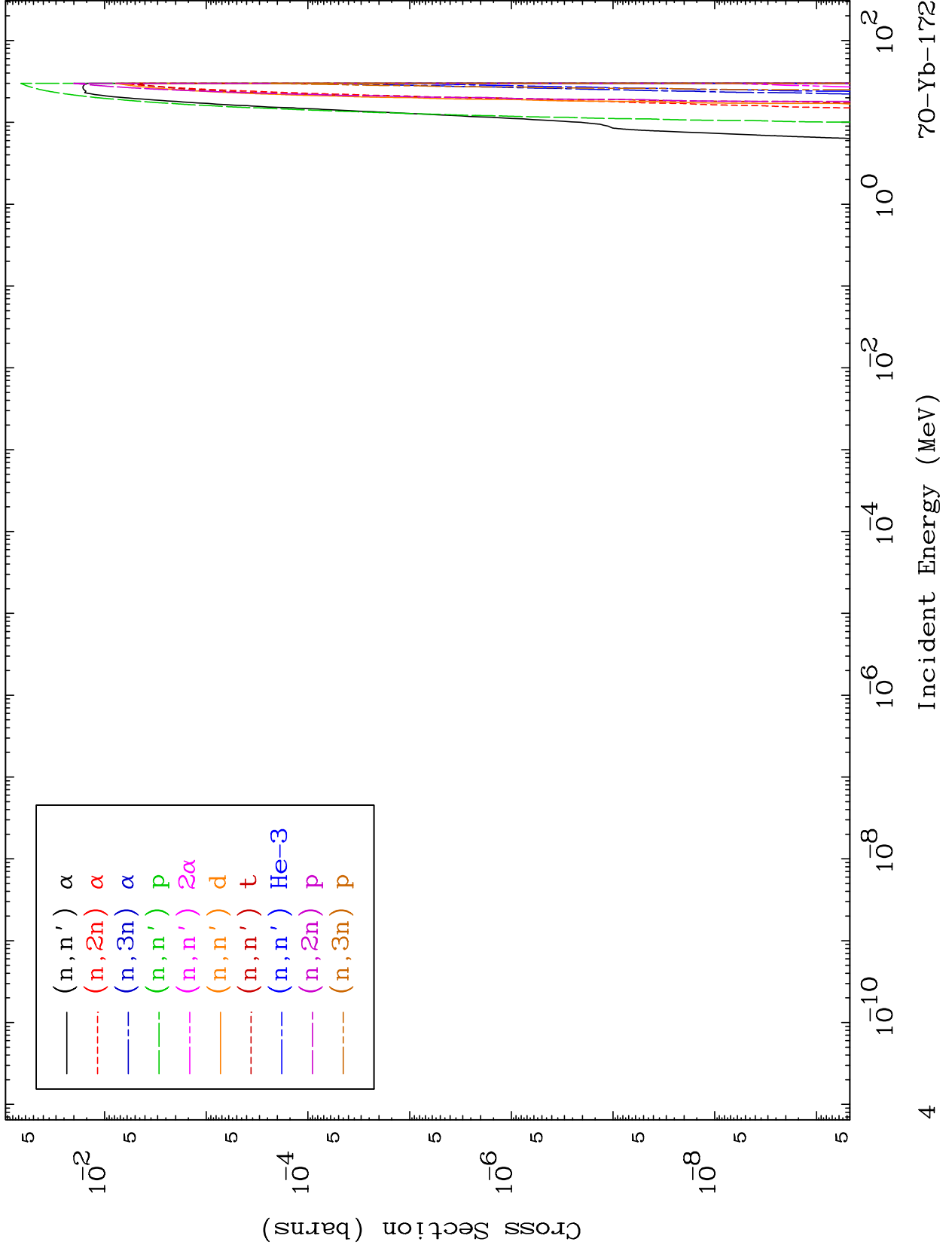




MAT 7037

Charged Particle
293 Kelvin Cross Sections

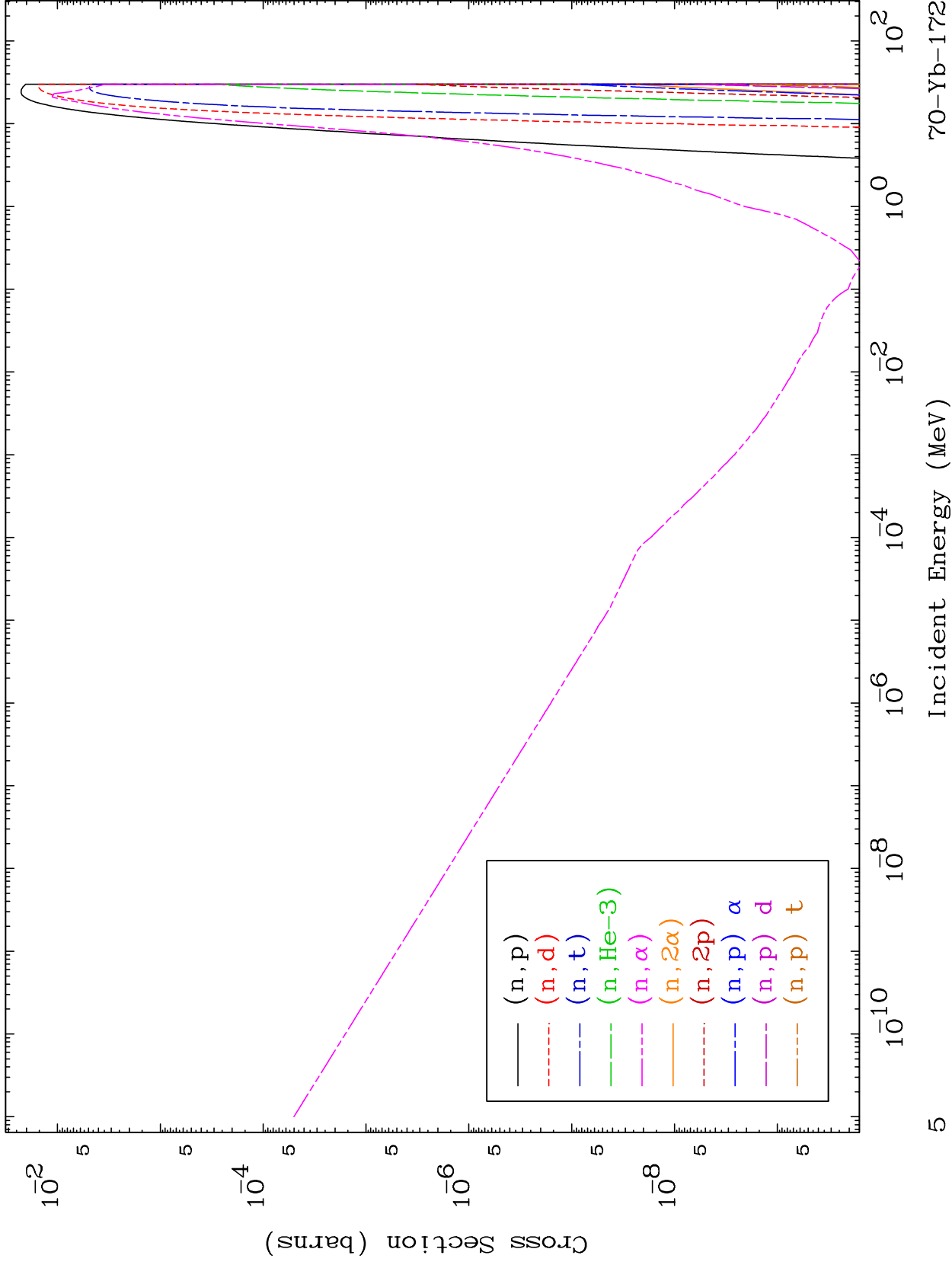
70-Yb-172



MAT 7037

Charged Particle
293 Kelvin Cross Sections

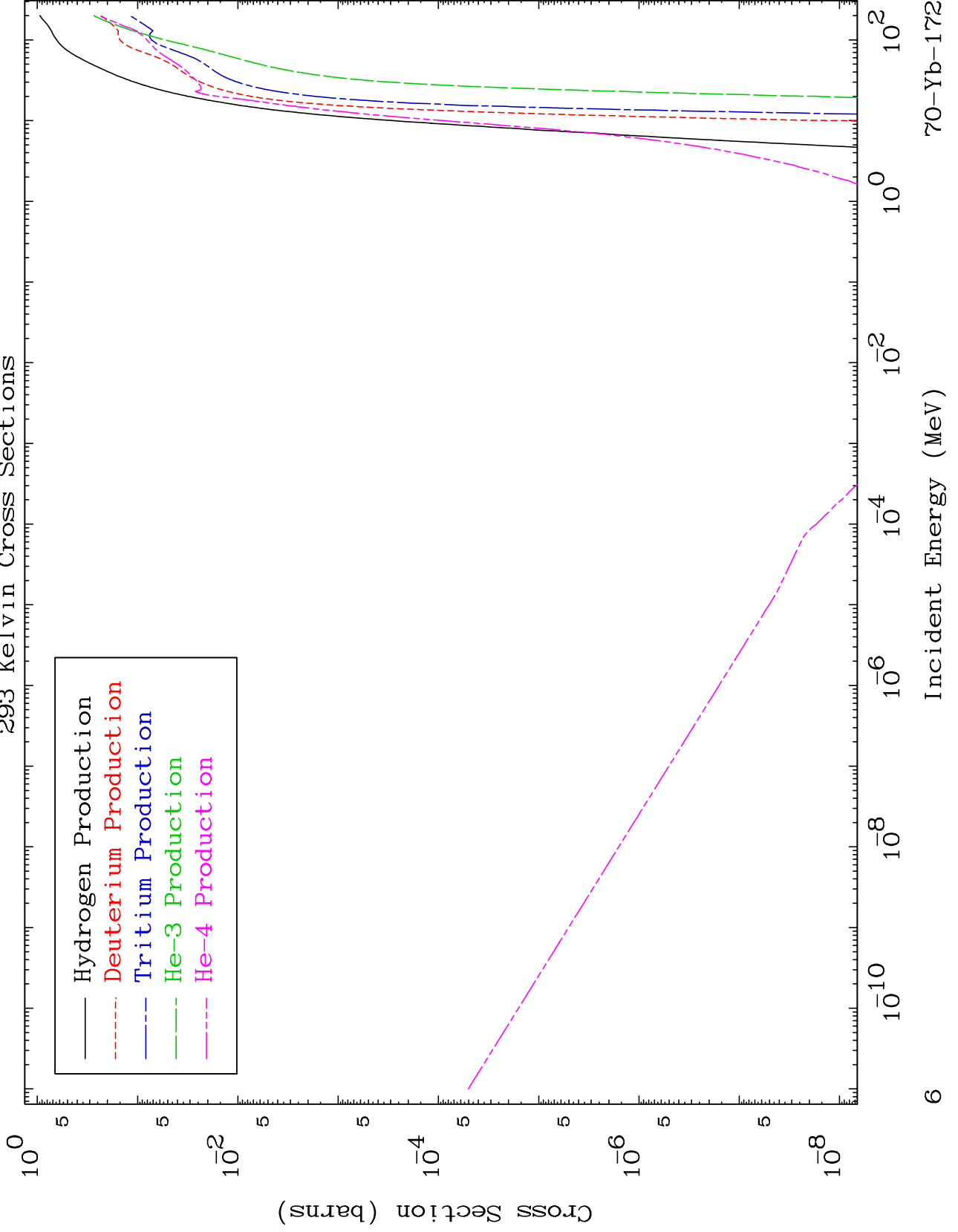
70-Yb-172



MAT 7037

Particle Production
293 Kelvin Cross Sections

70-Yb-172

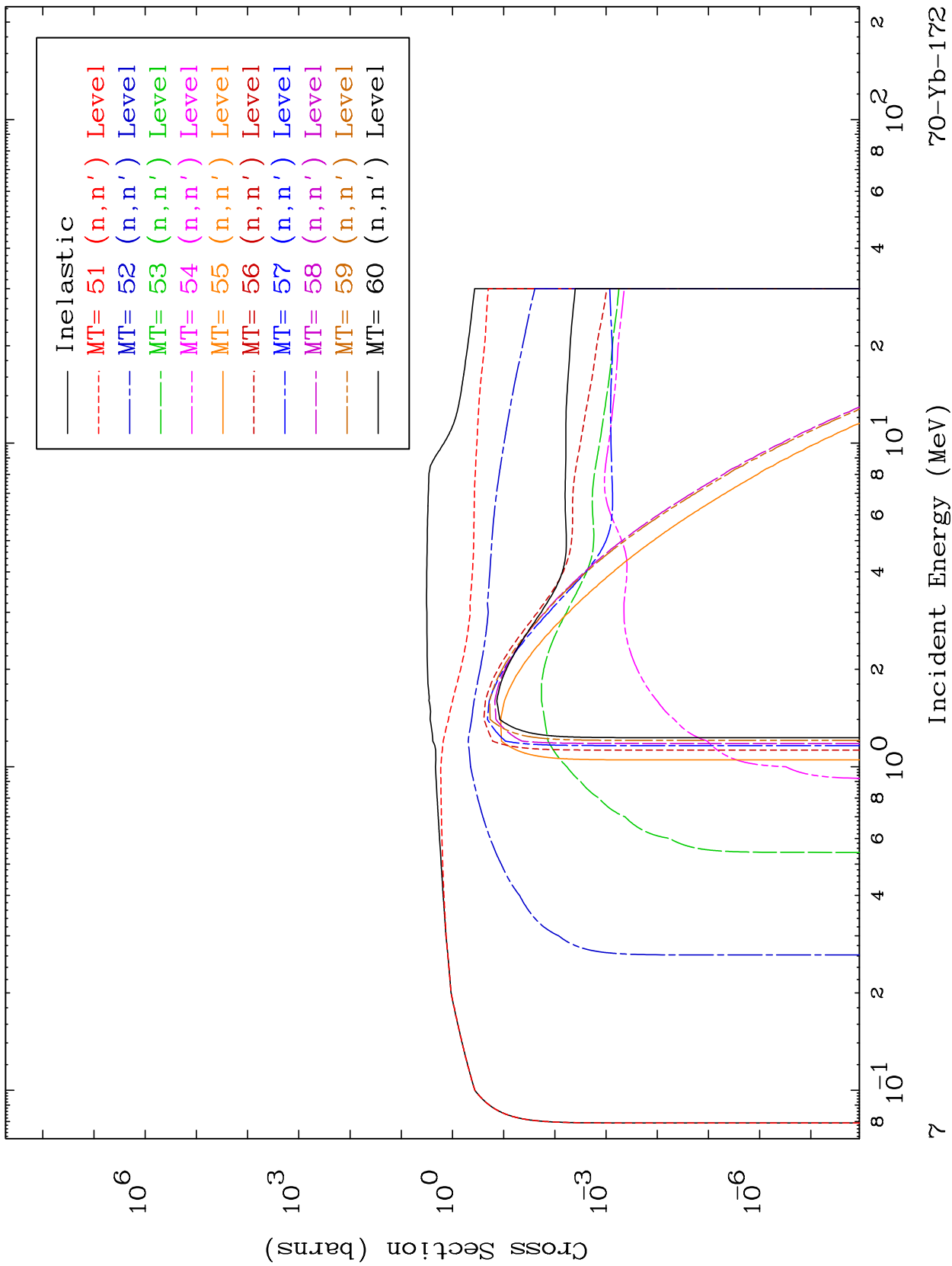


MAT 7037

(n,n') Level

70-Yb-172

293 Kelvin Cross Sections



70-Yb-172

Incident Energy (MeV)

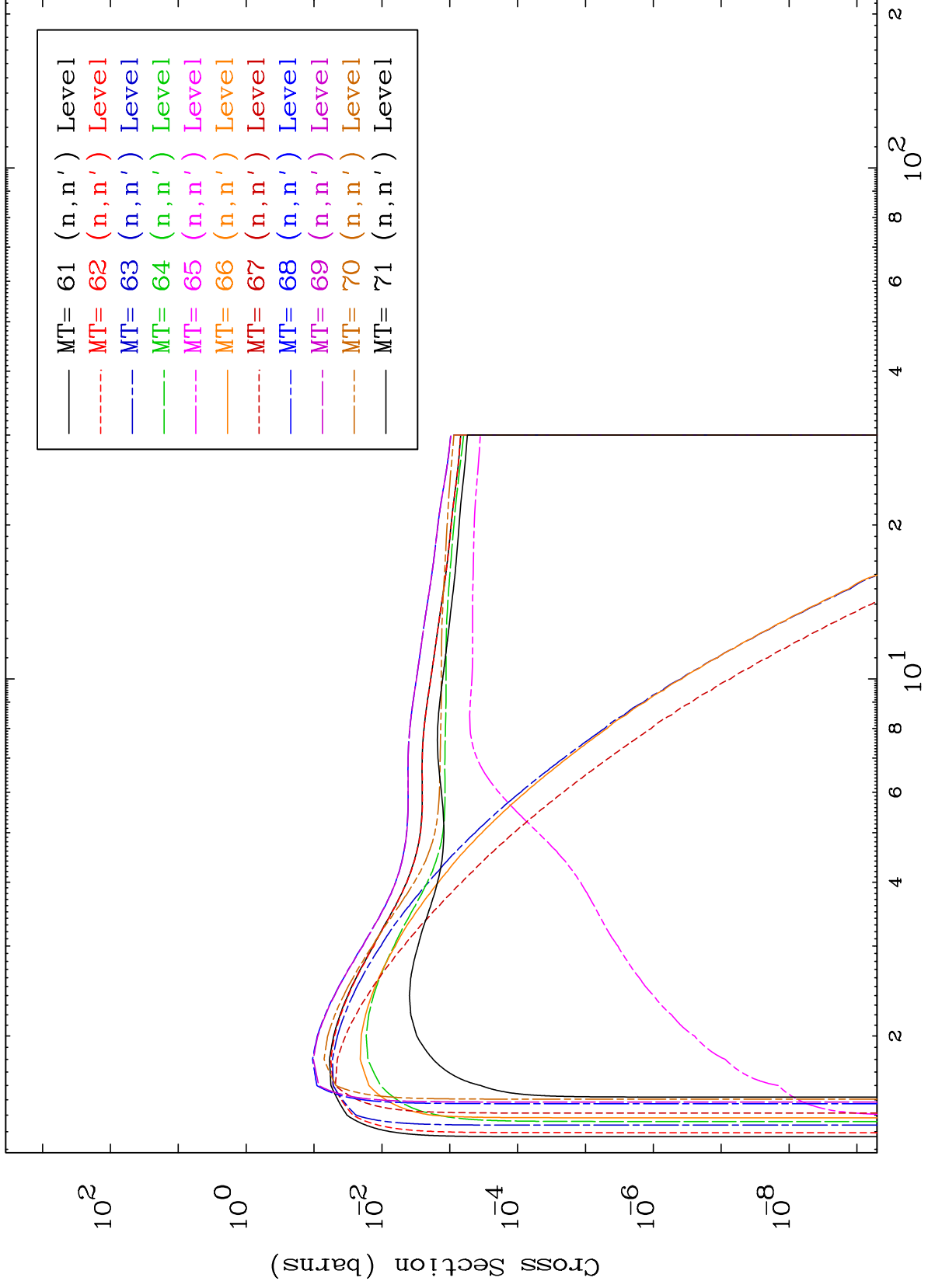
7

MAT 7037

(n,n') Level

293 Kelvin Cross Sections

70-Yb-172



8

Incident Energy (MeV)

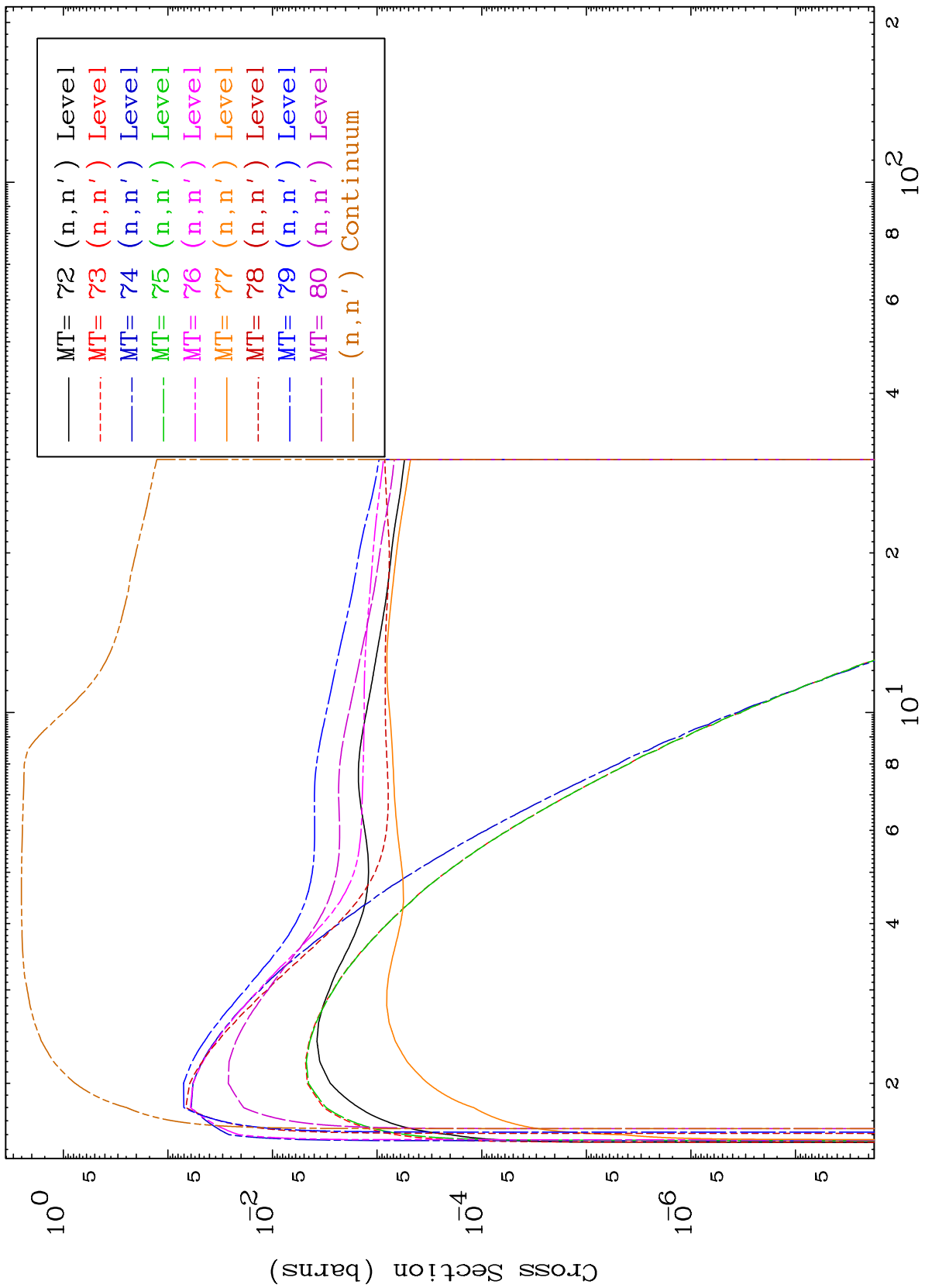
70-Yb-172

MAT 7037

(n,n') Level

70-Yb-172

293 Kelvin Cross Sections



9

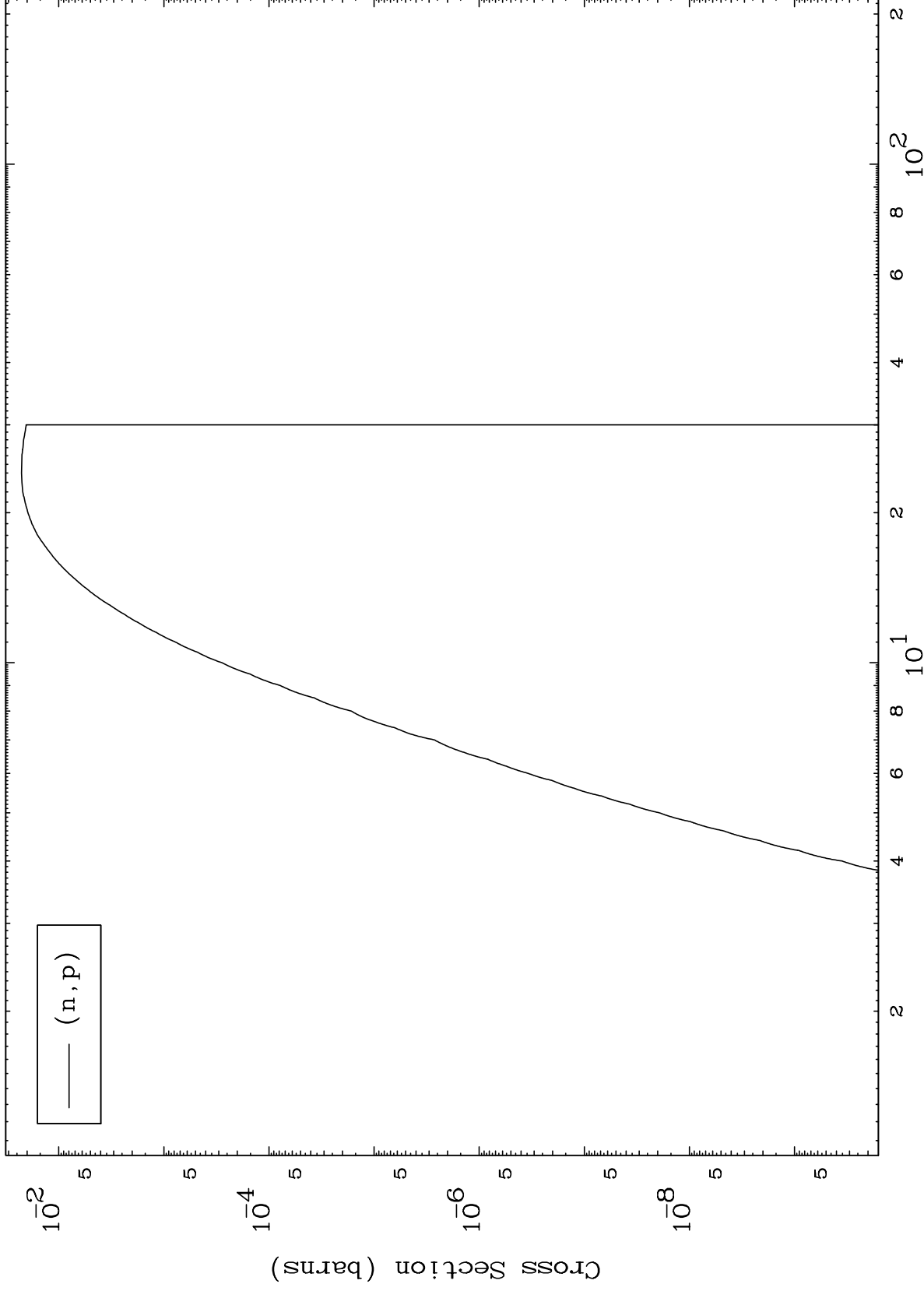
Incident Energy (MeV)

70-Yb-172

MAT 7037

(n,p) Levels
293 Kelvin Cross Sections

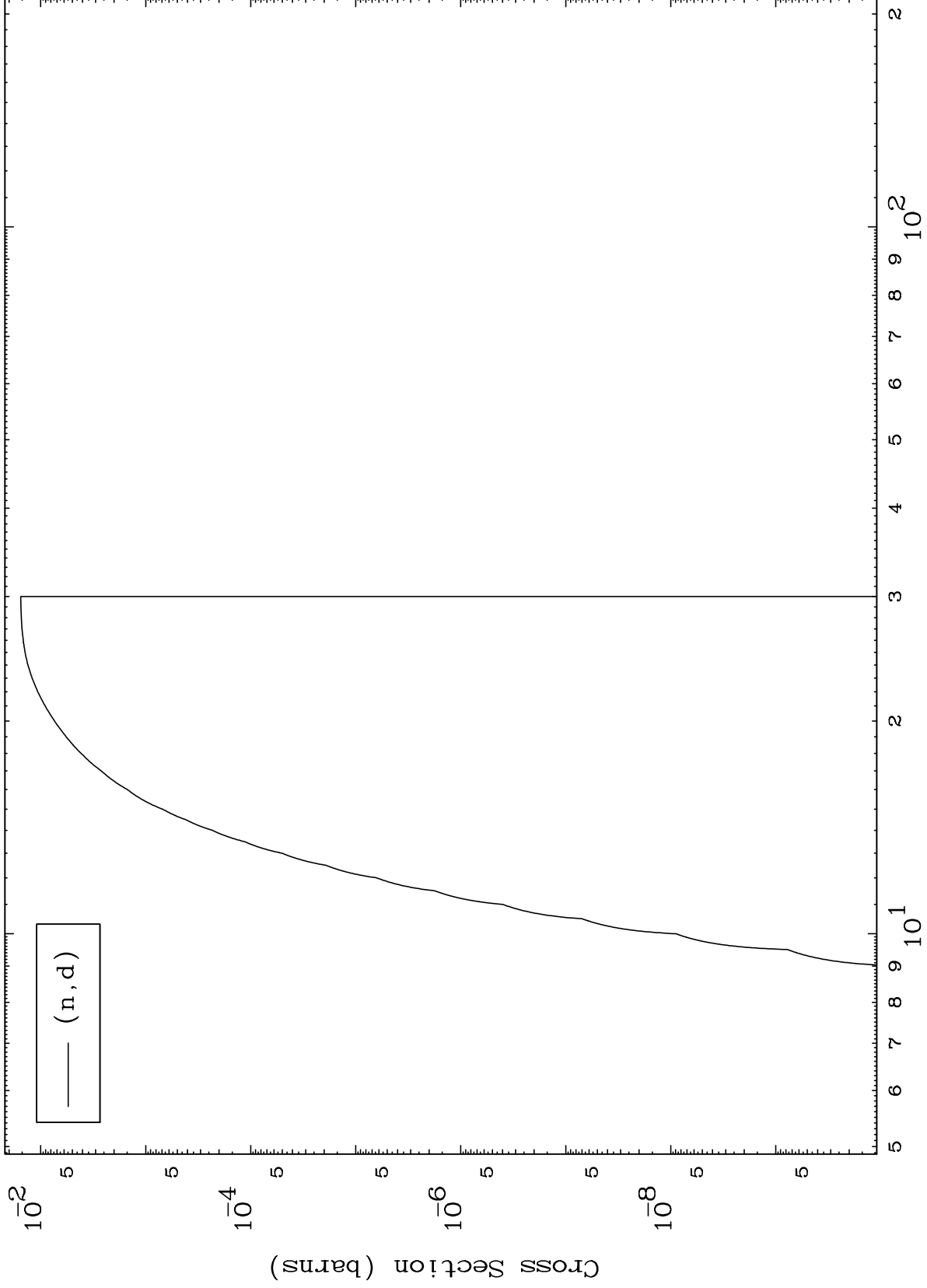
70-Yb-172



10

Incident Energy (MeV)

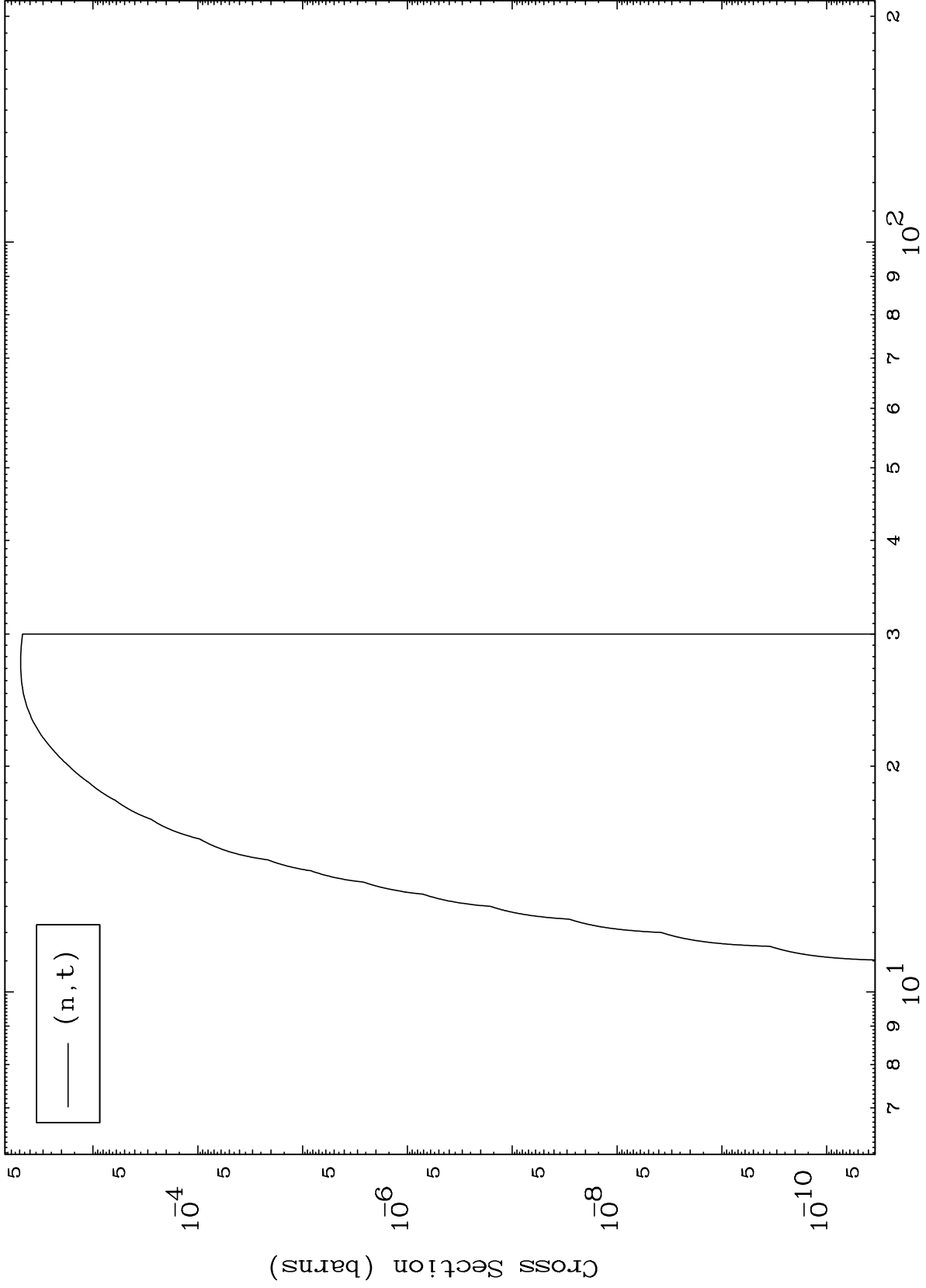
70-Yb-172



MAT 7037

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-172



12

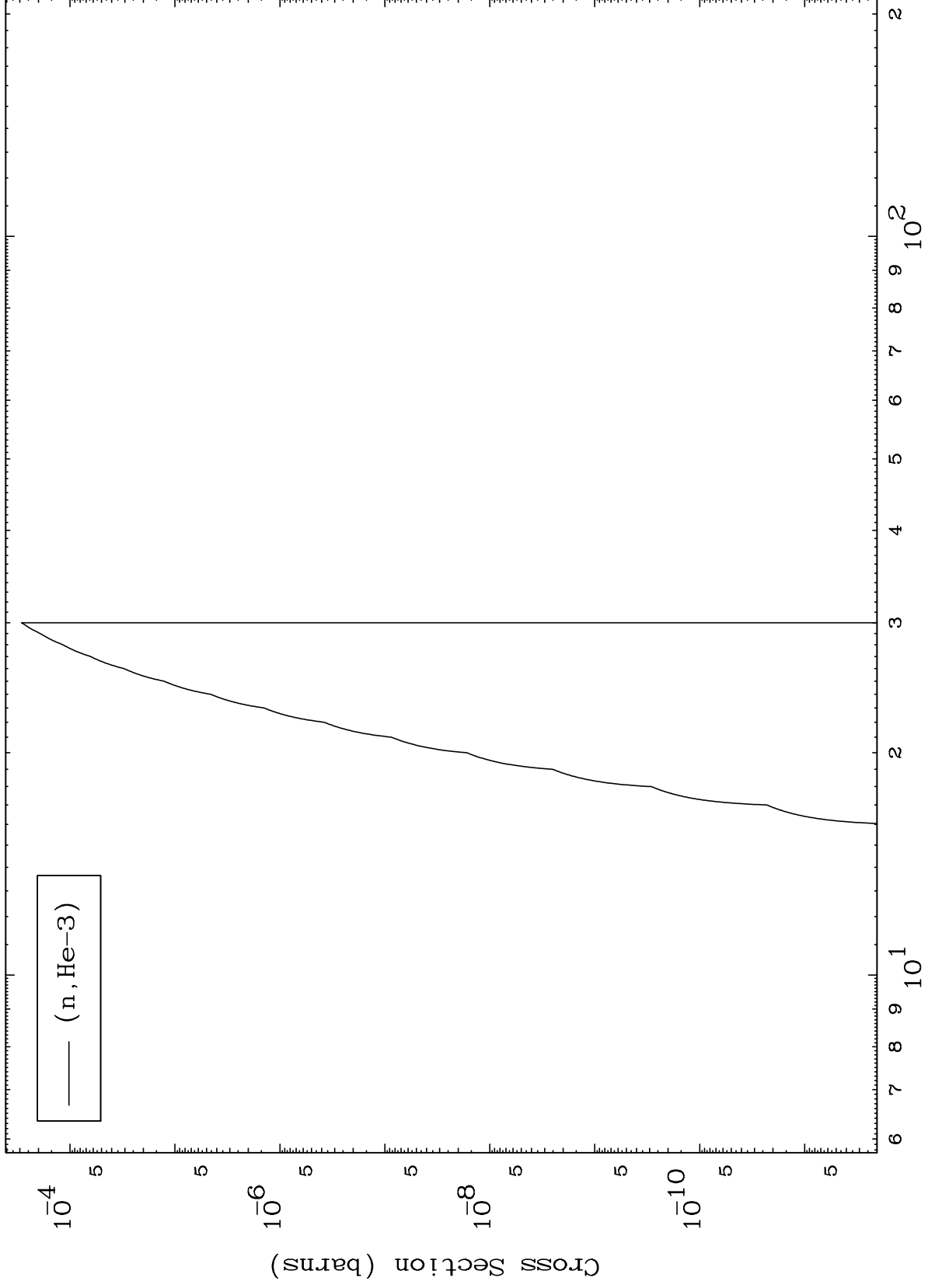
Incident Energy (MeV)

70-Yb-172

MAT 7037

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-172



13

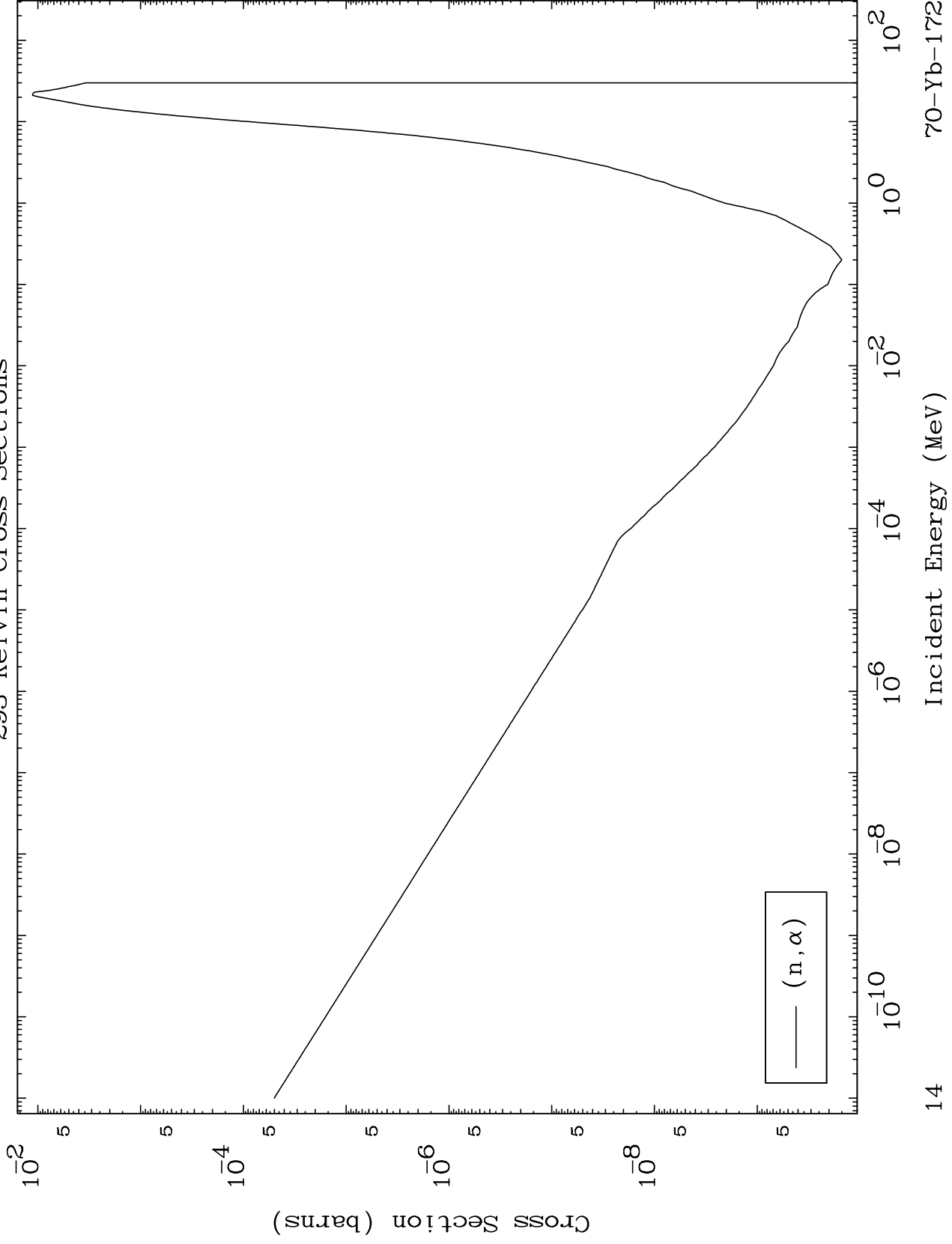
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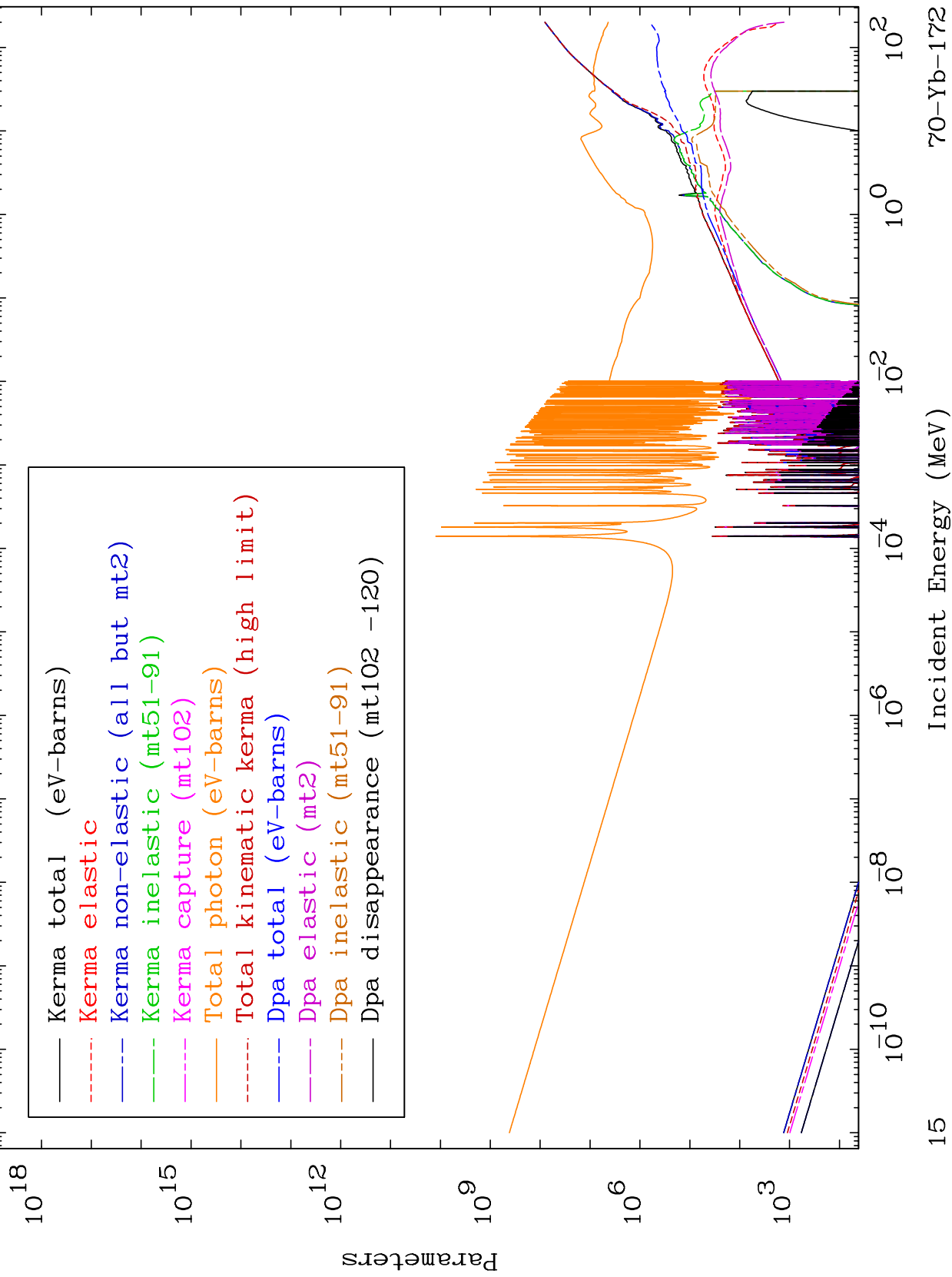
70-Yb-172

MAT 7037

(n, α) Levels
293 Kelvin Cross Sections

70-Yb-172

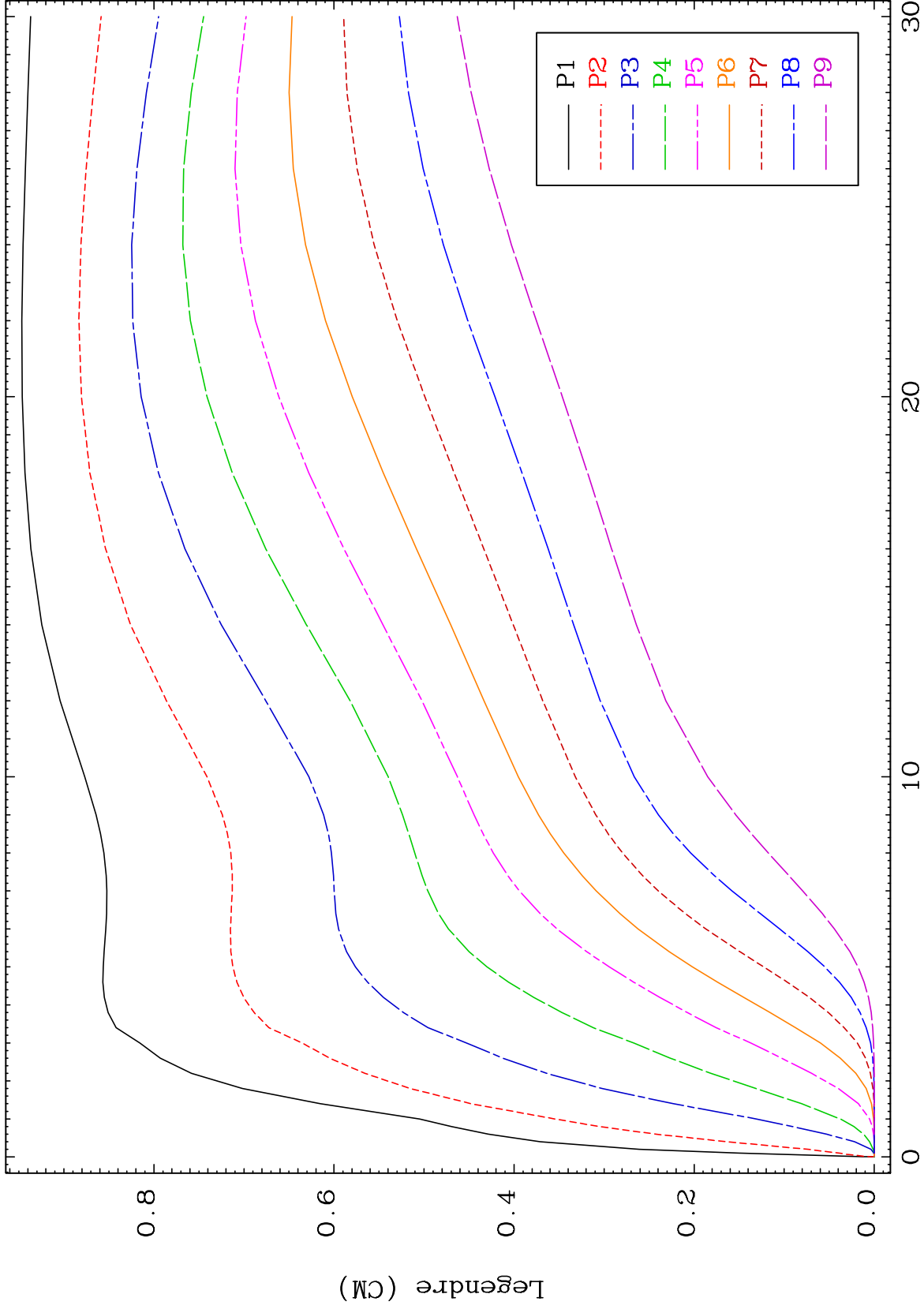




MAT 7037

Elastic Legendre Coefficients

70-Yb-172



16

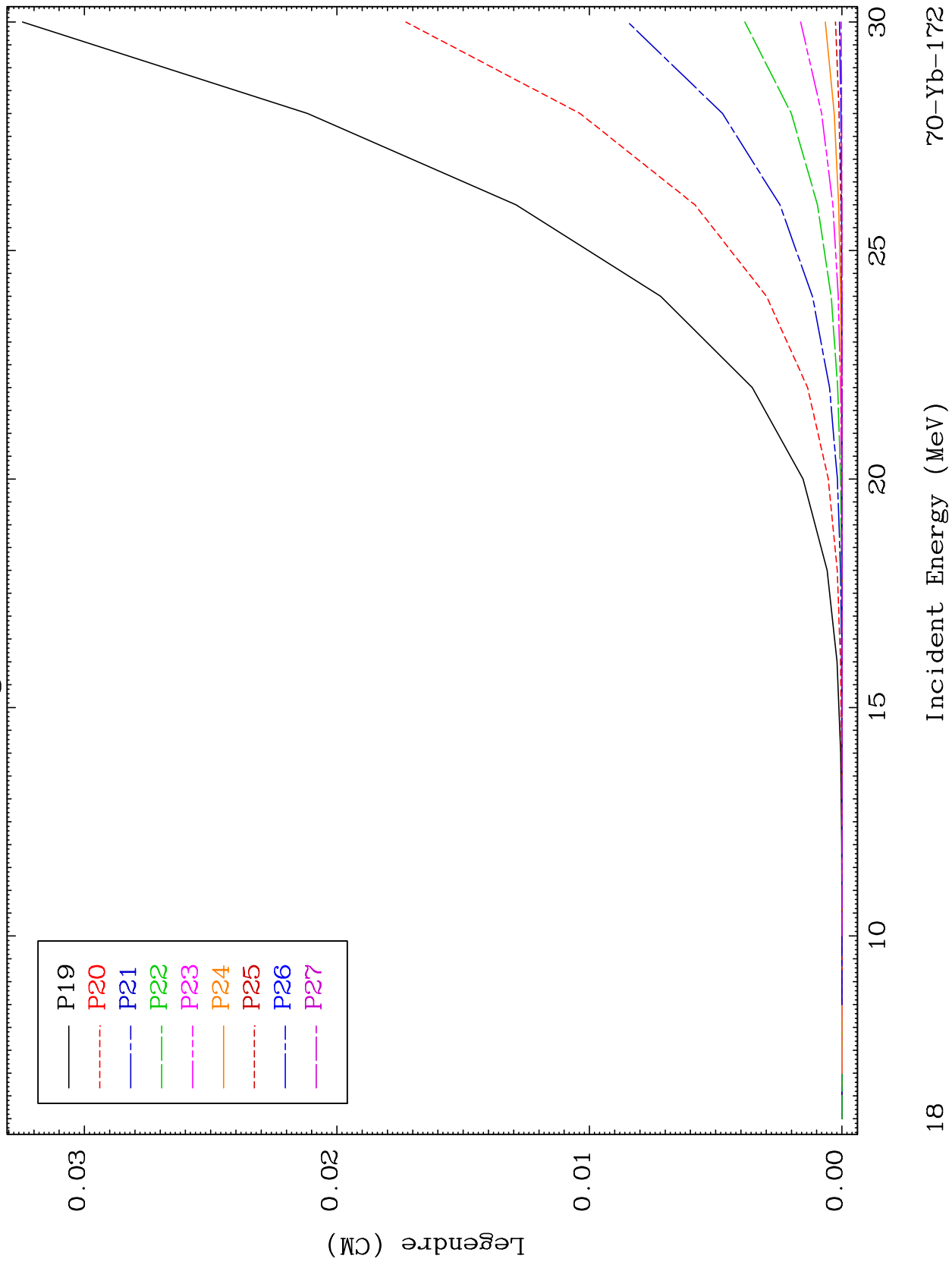
Incident Energy (MeV)

70-Yb-172

MAT 7037

Elastic Legendre Coefficients

70-Yb-172



18

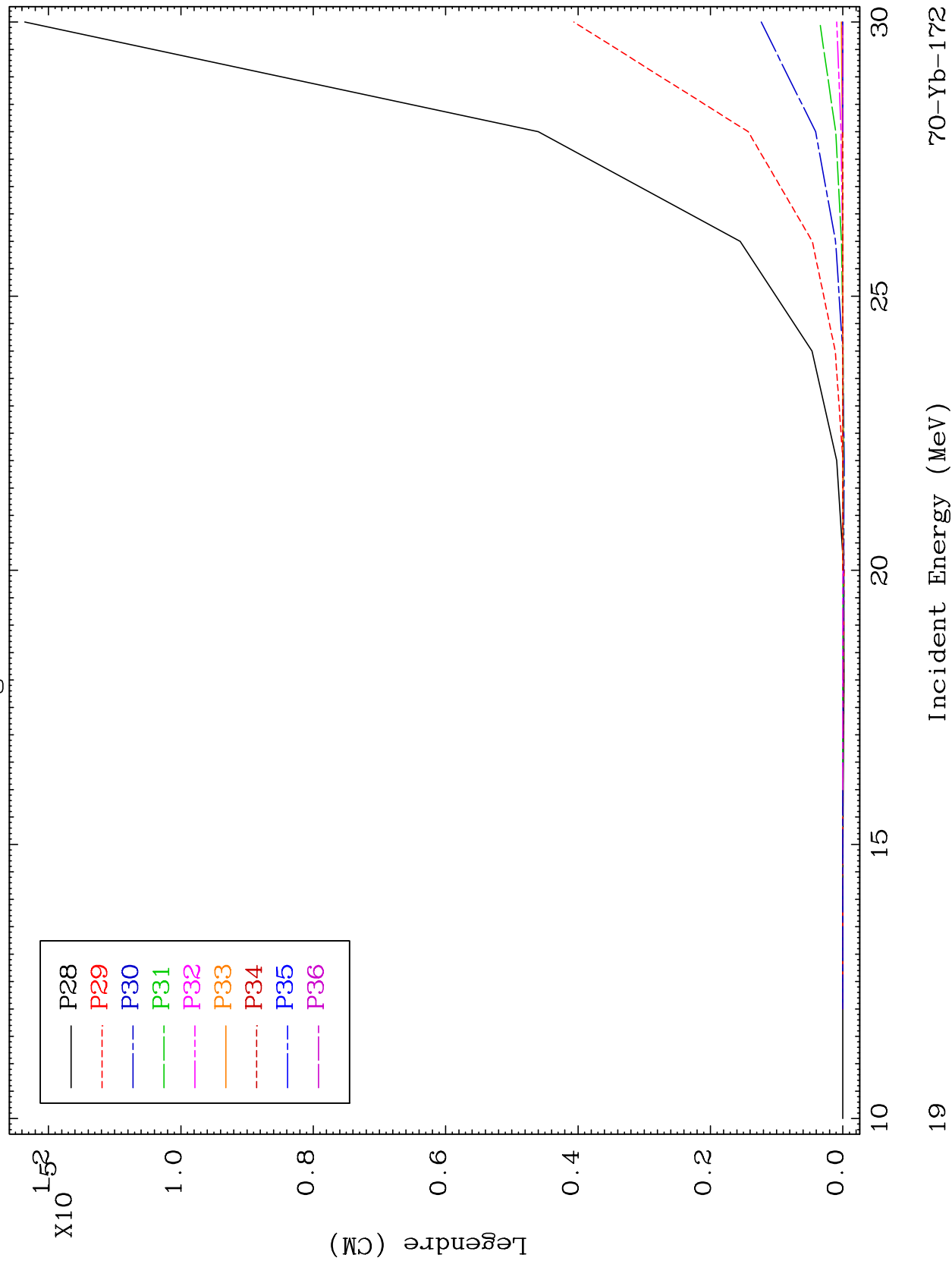
Incident Energy (MeV)

70-Yb-172

MAT 7037

Elastic Legendre Coefficients

70-Yb-172



19

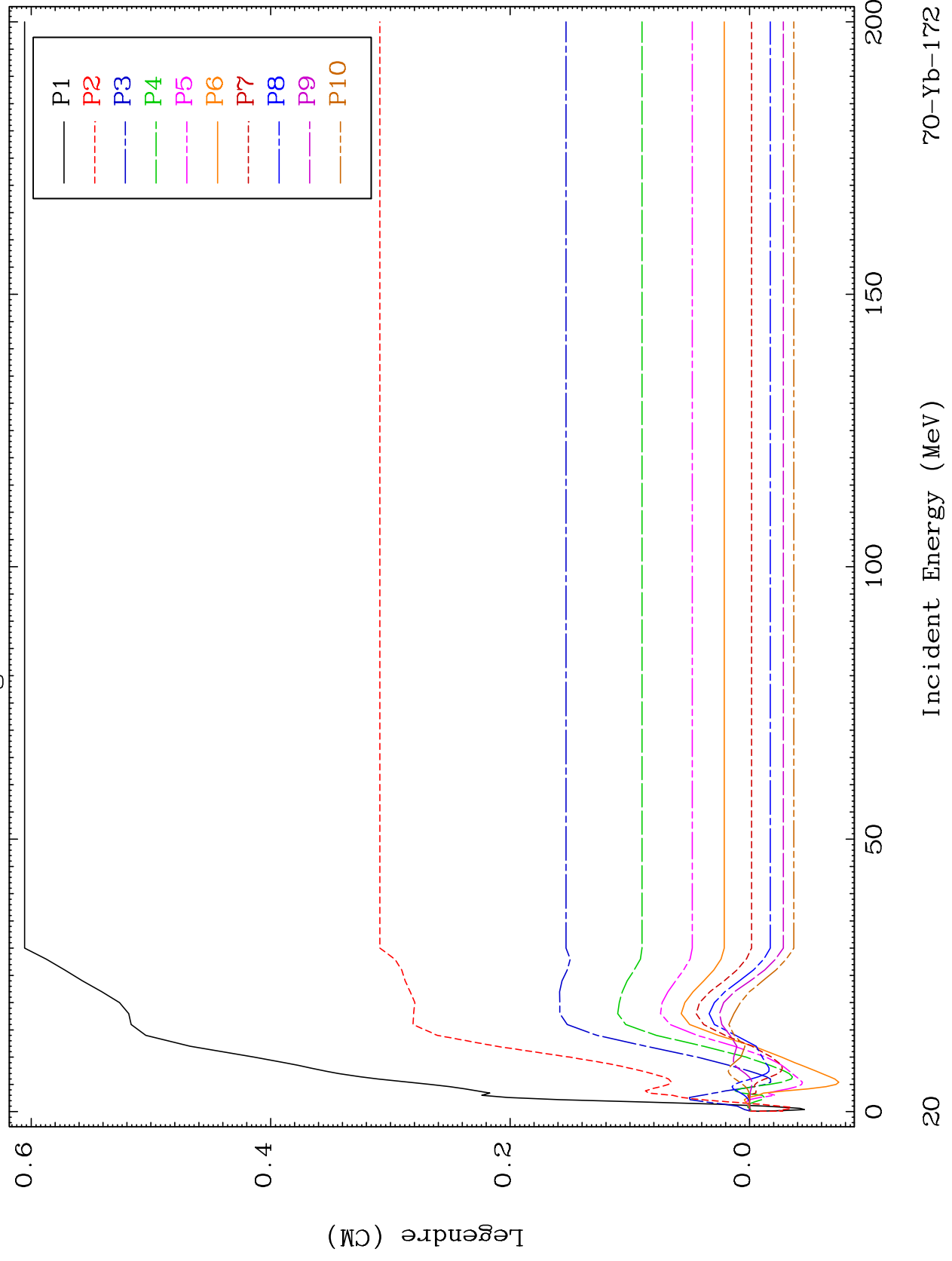
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

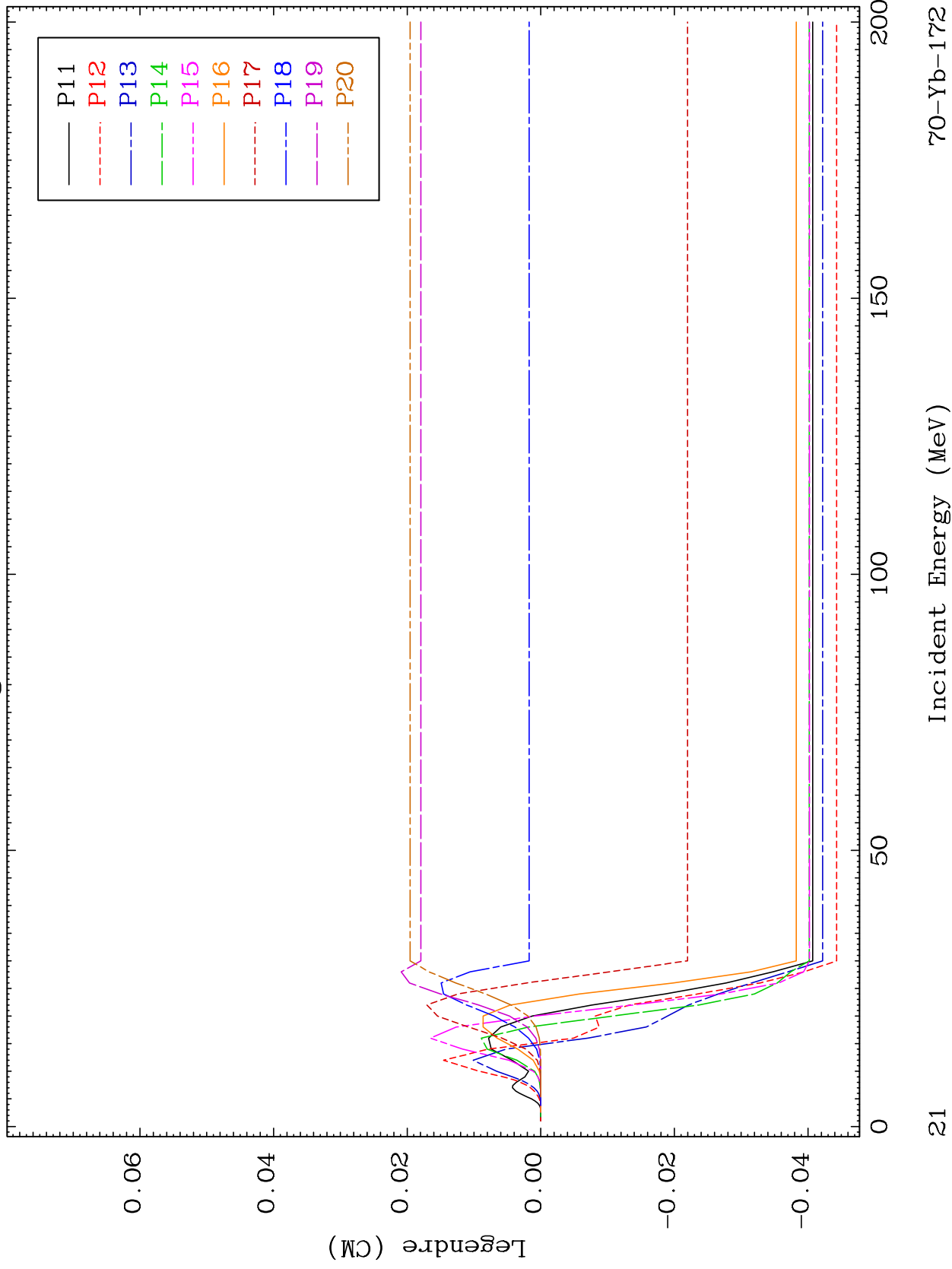
70-Yb-172



MAT 7037

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

70-Yb-172

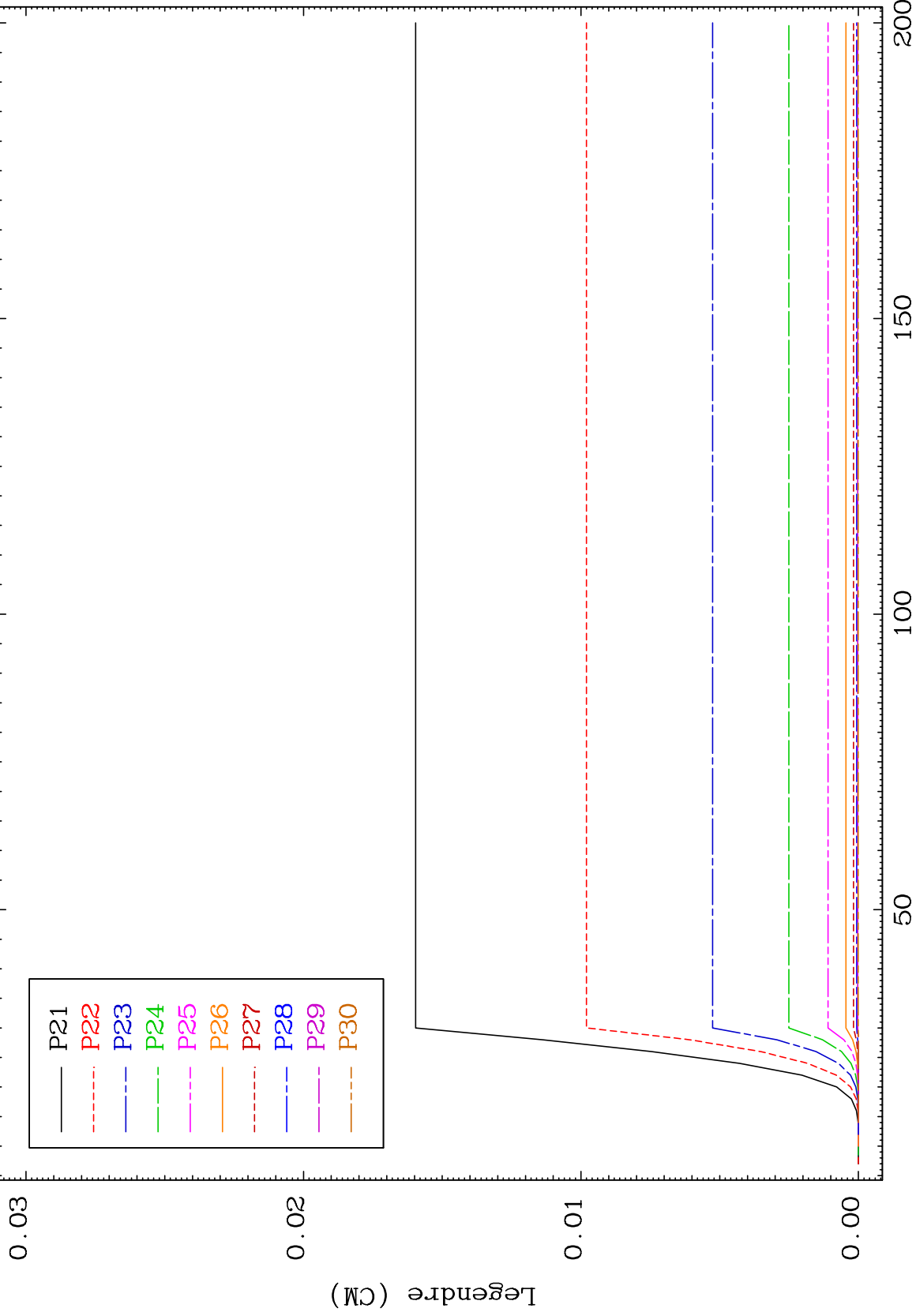


21

MAT 7037

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

70-Yb-172



22

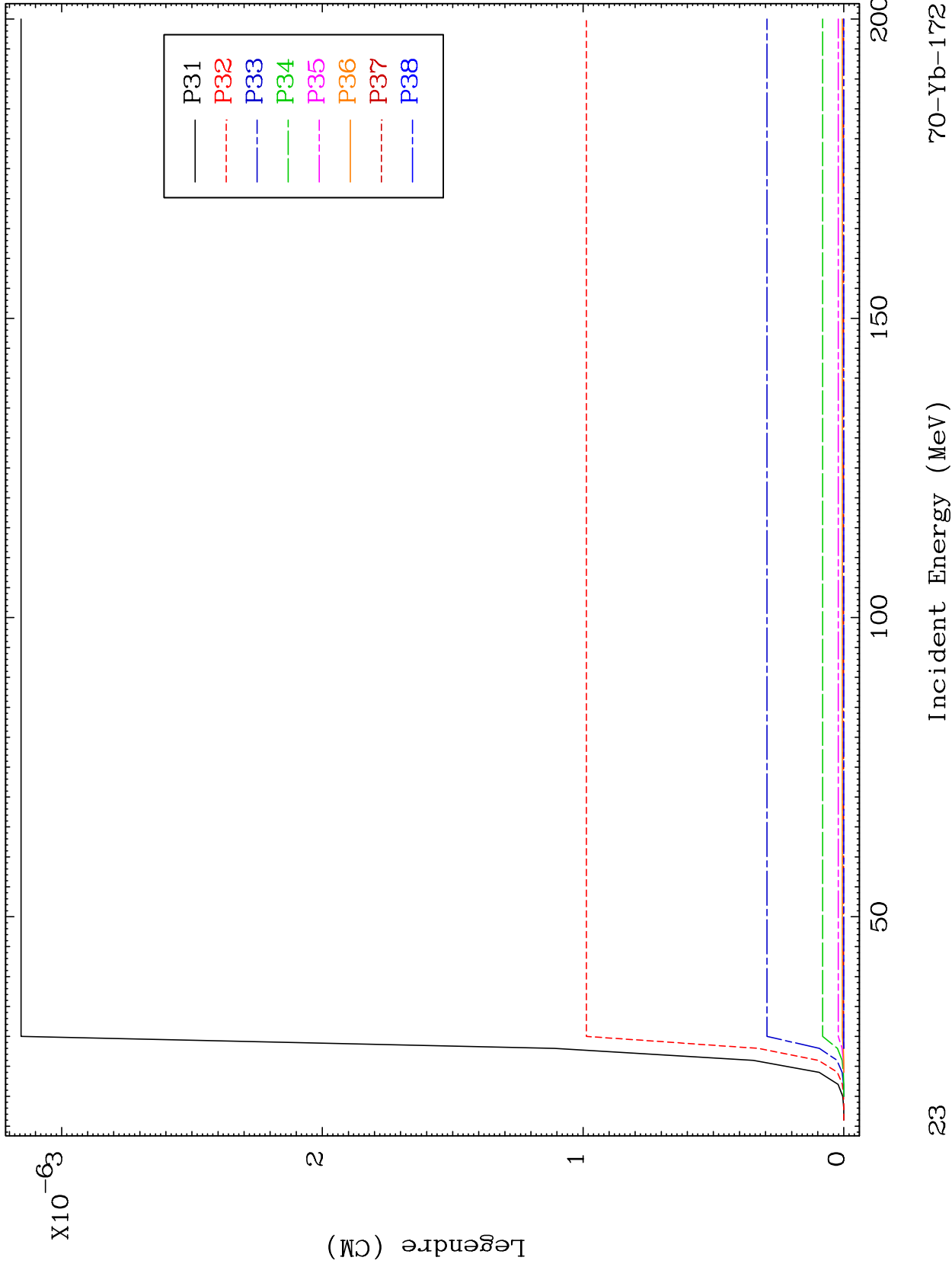
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172

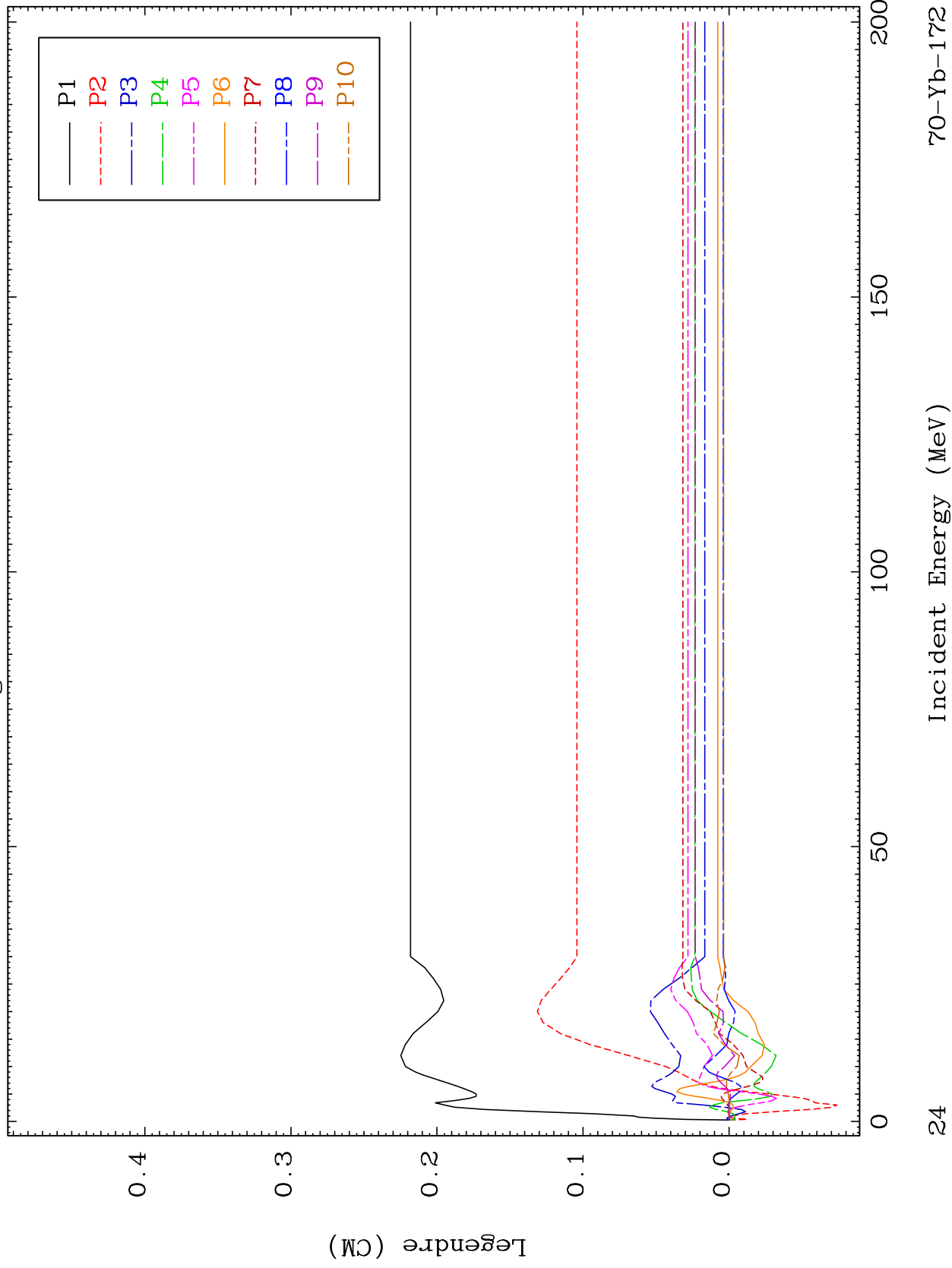


23

MAT 7037

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

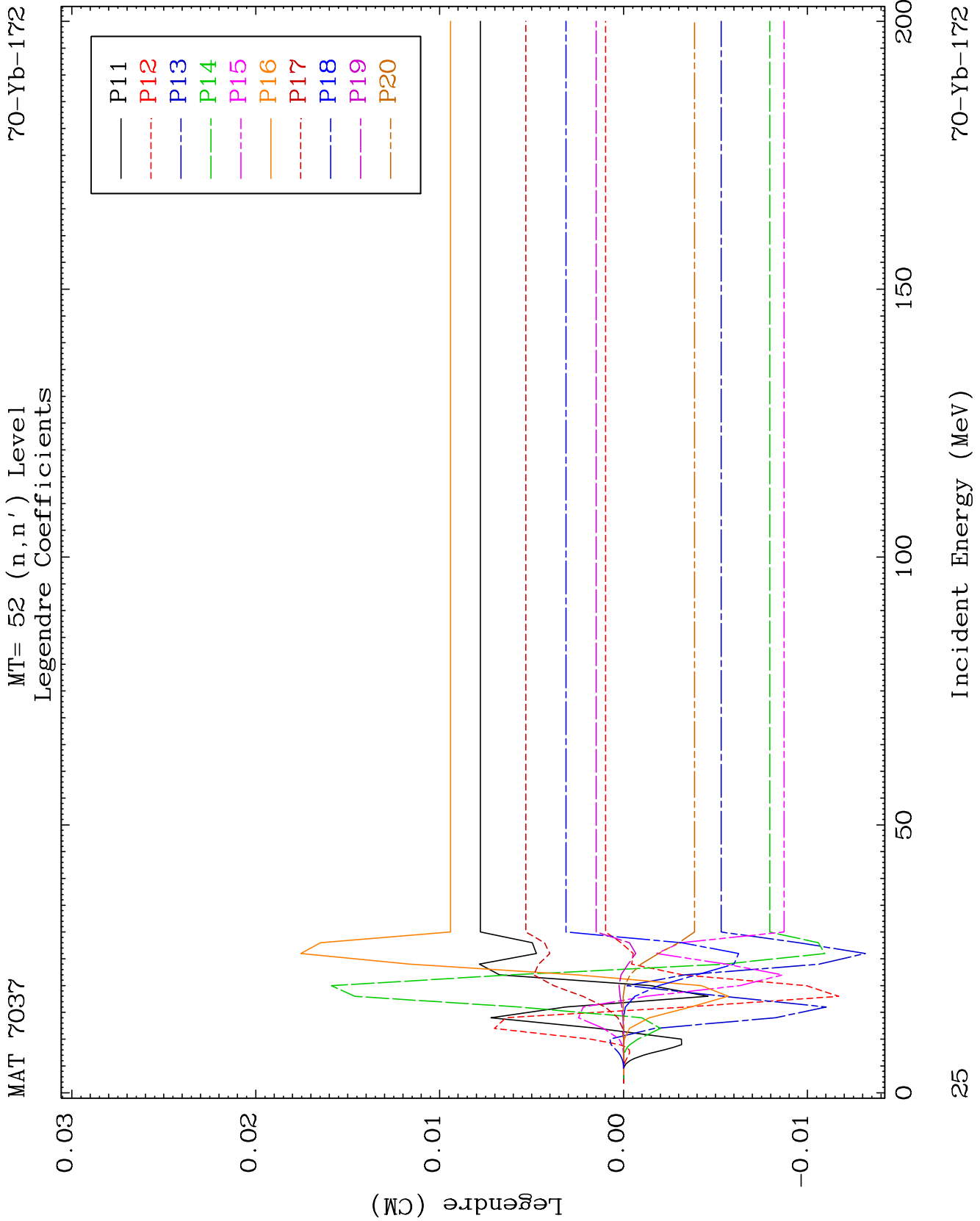
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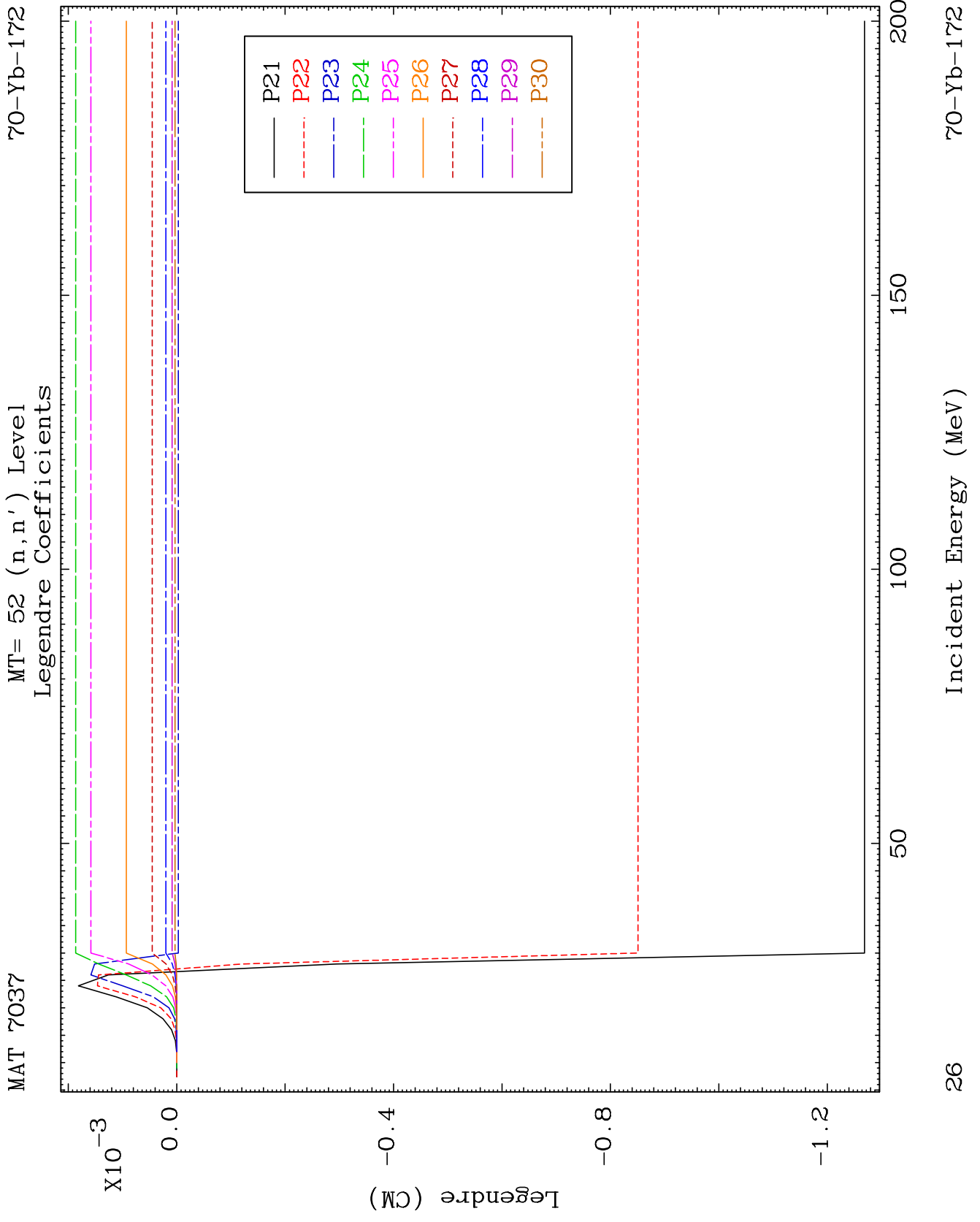


24

Incident Energy (MeV)

70-Yb-172

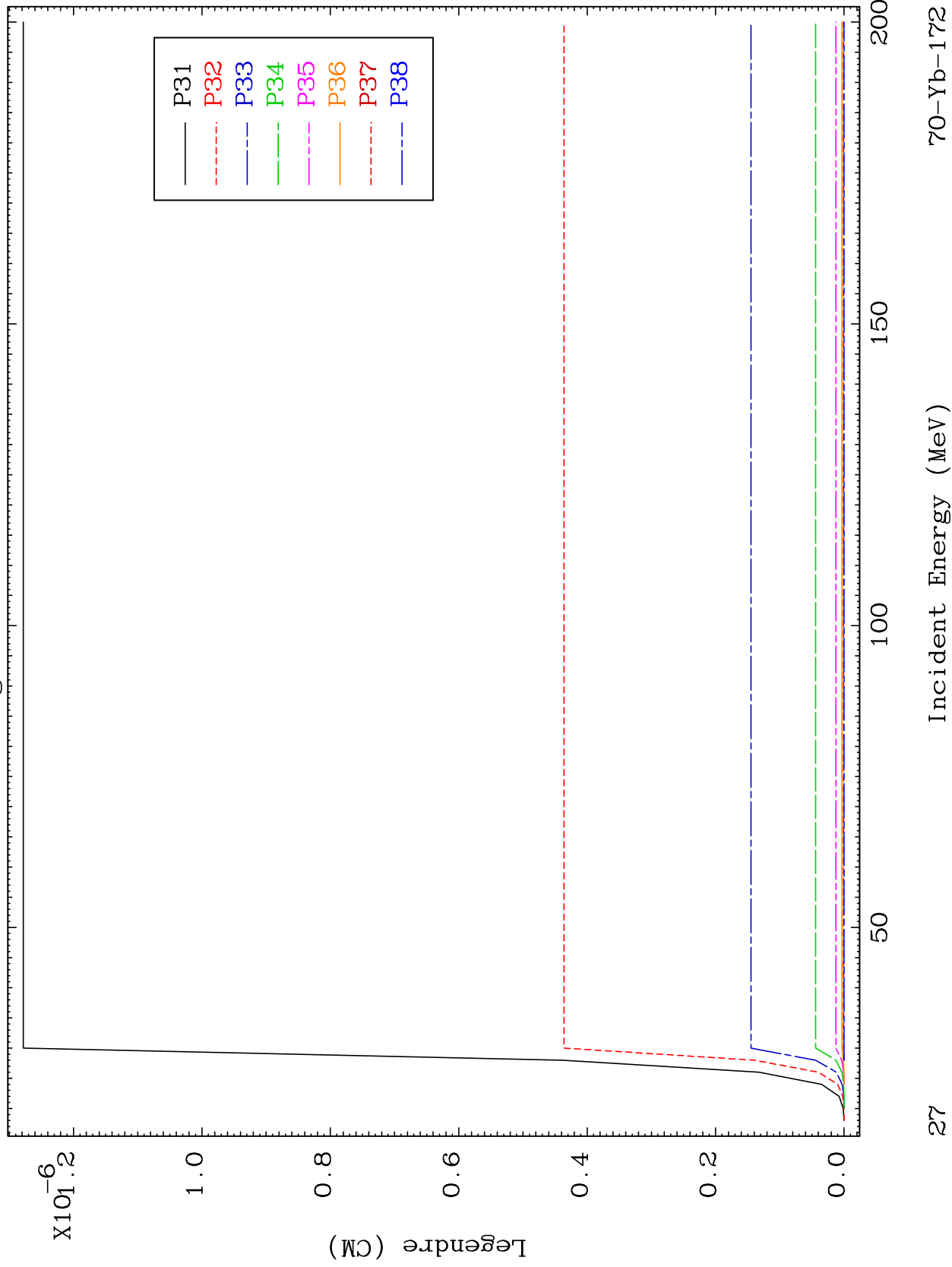




MAT 7037

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

70-Yb-172



27

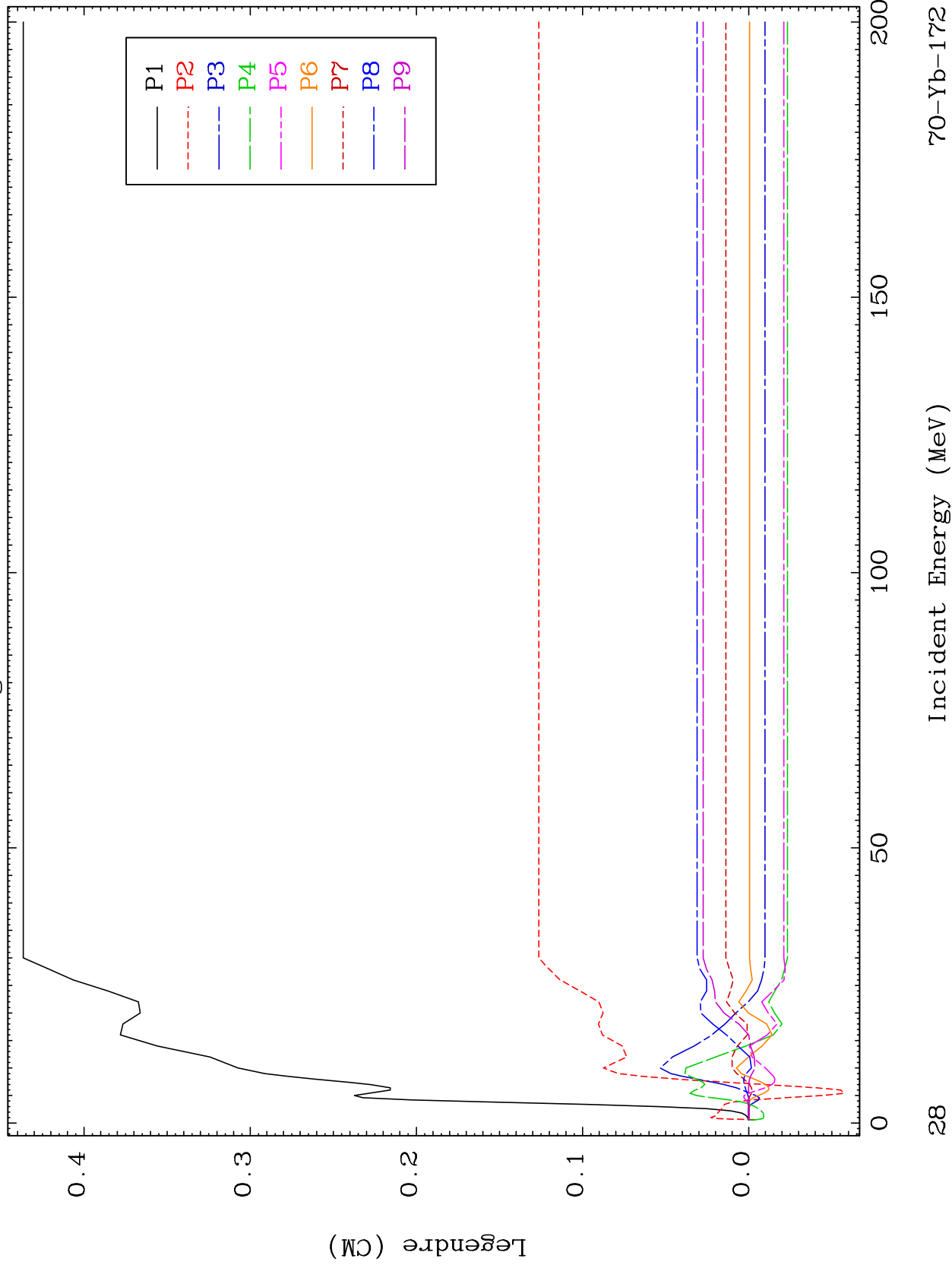
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



28

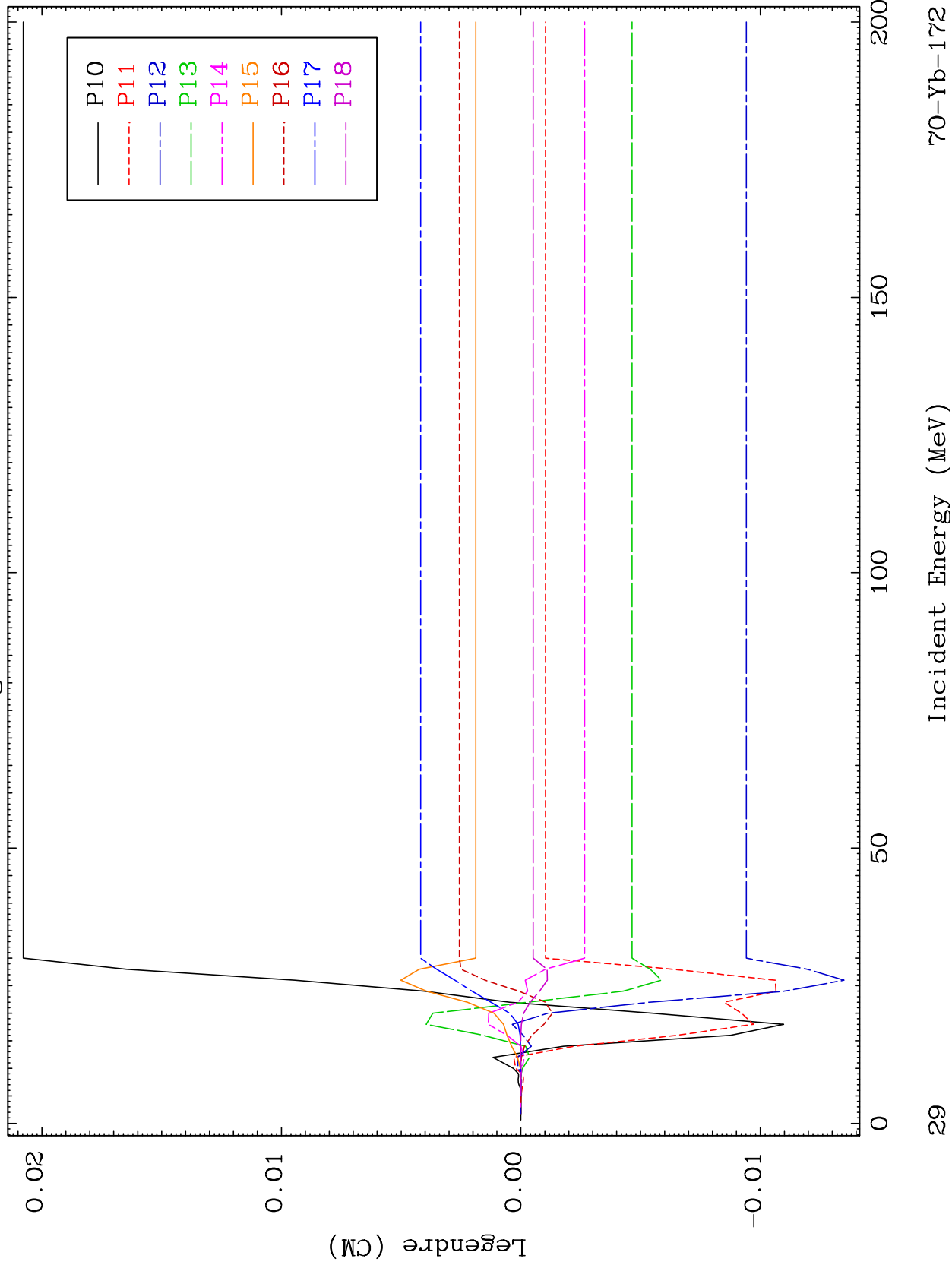
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



29

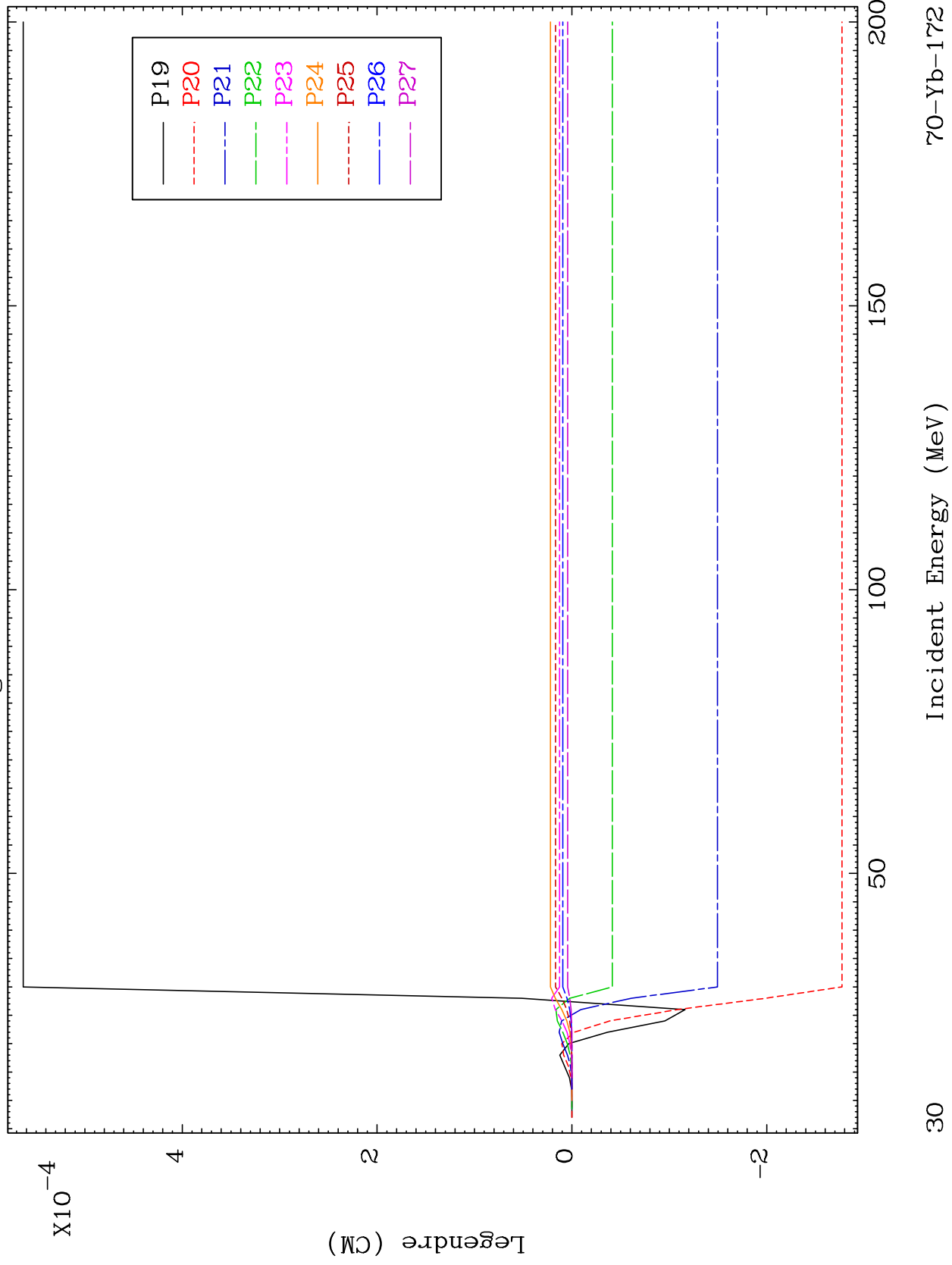
Incident Energy (MeV)

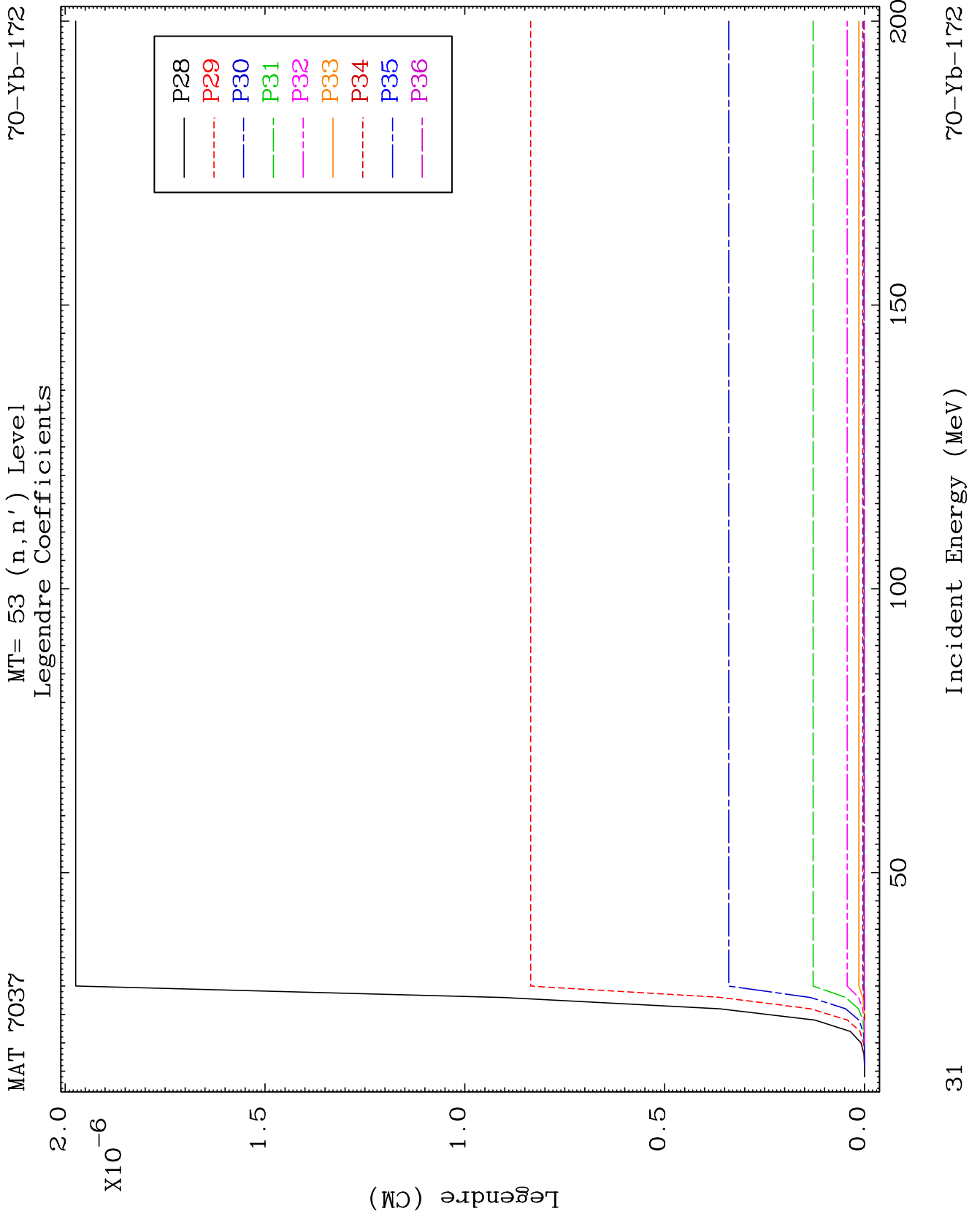
70-Yb-172

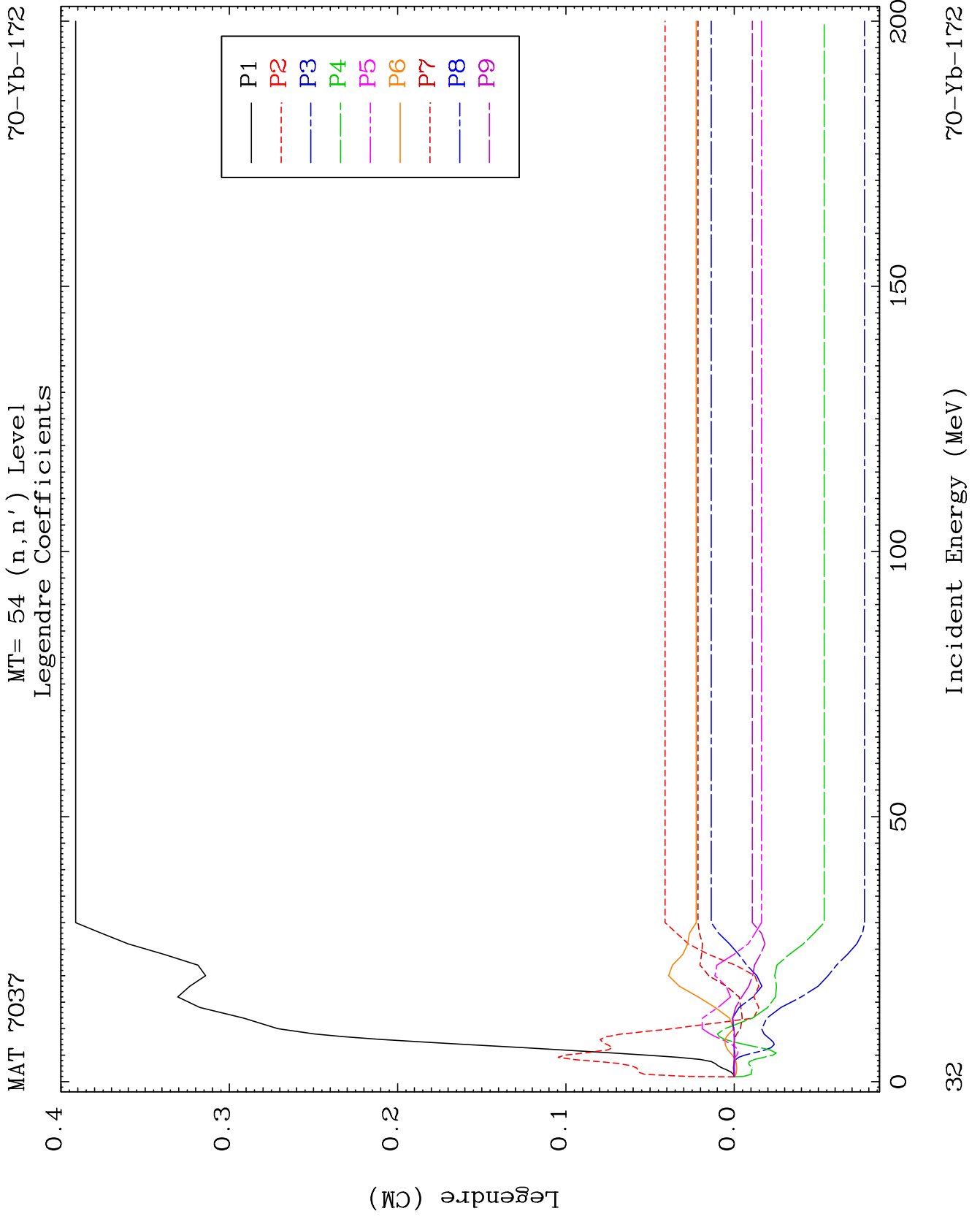
MAT 7037

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

70-Yb-172



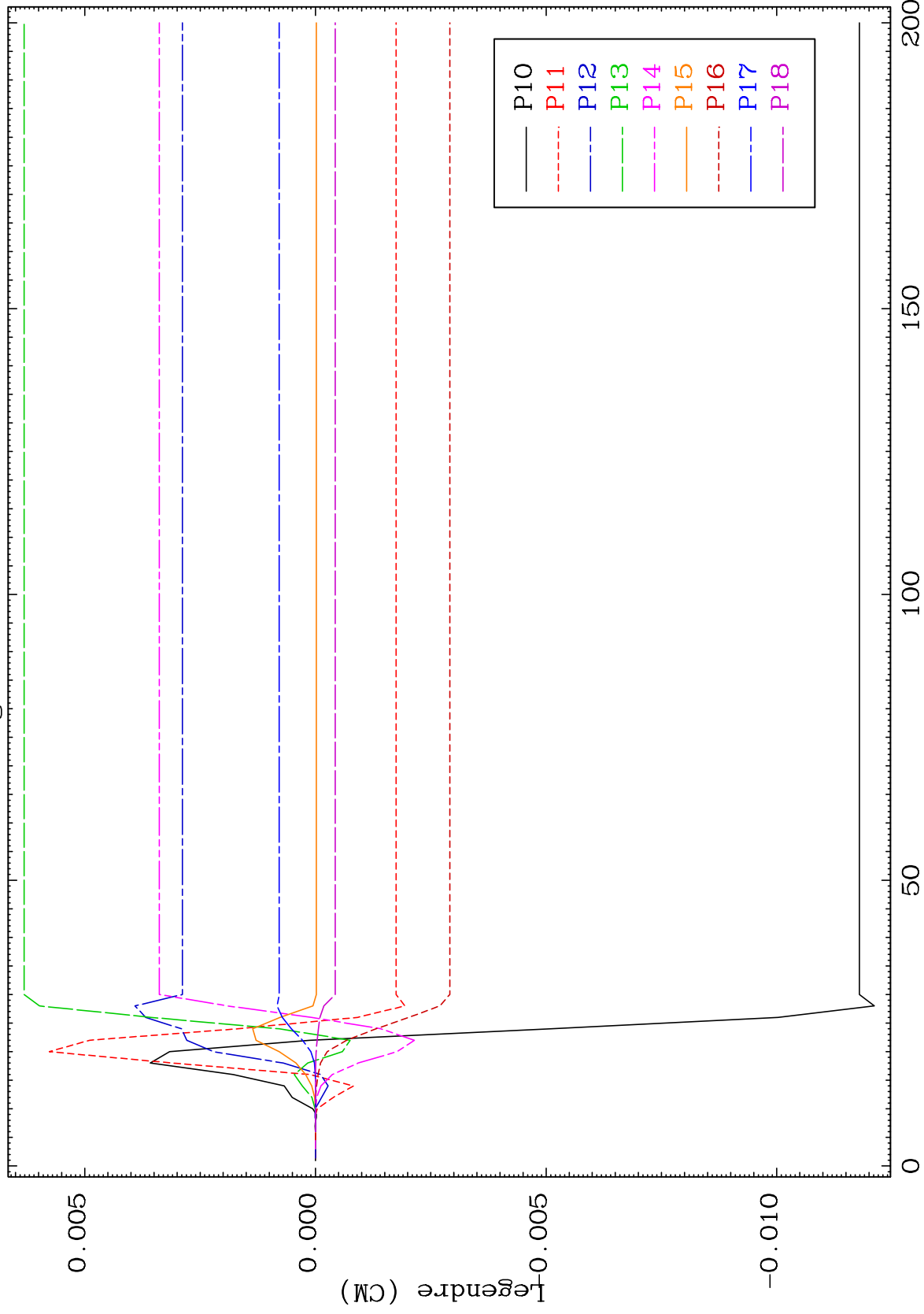




MAT 7037

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

70-Yb-172



33

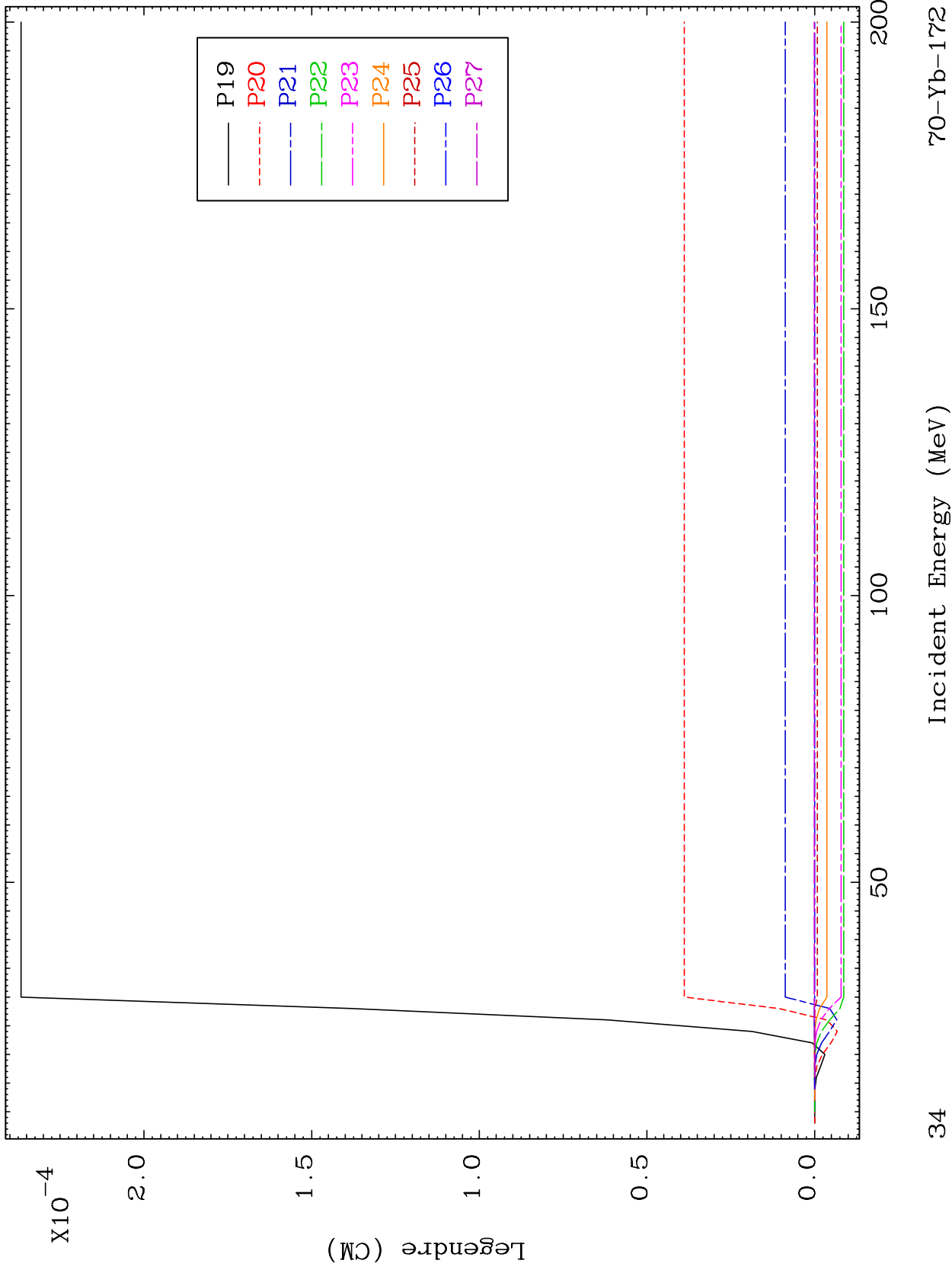
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



34

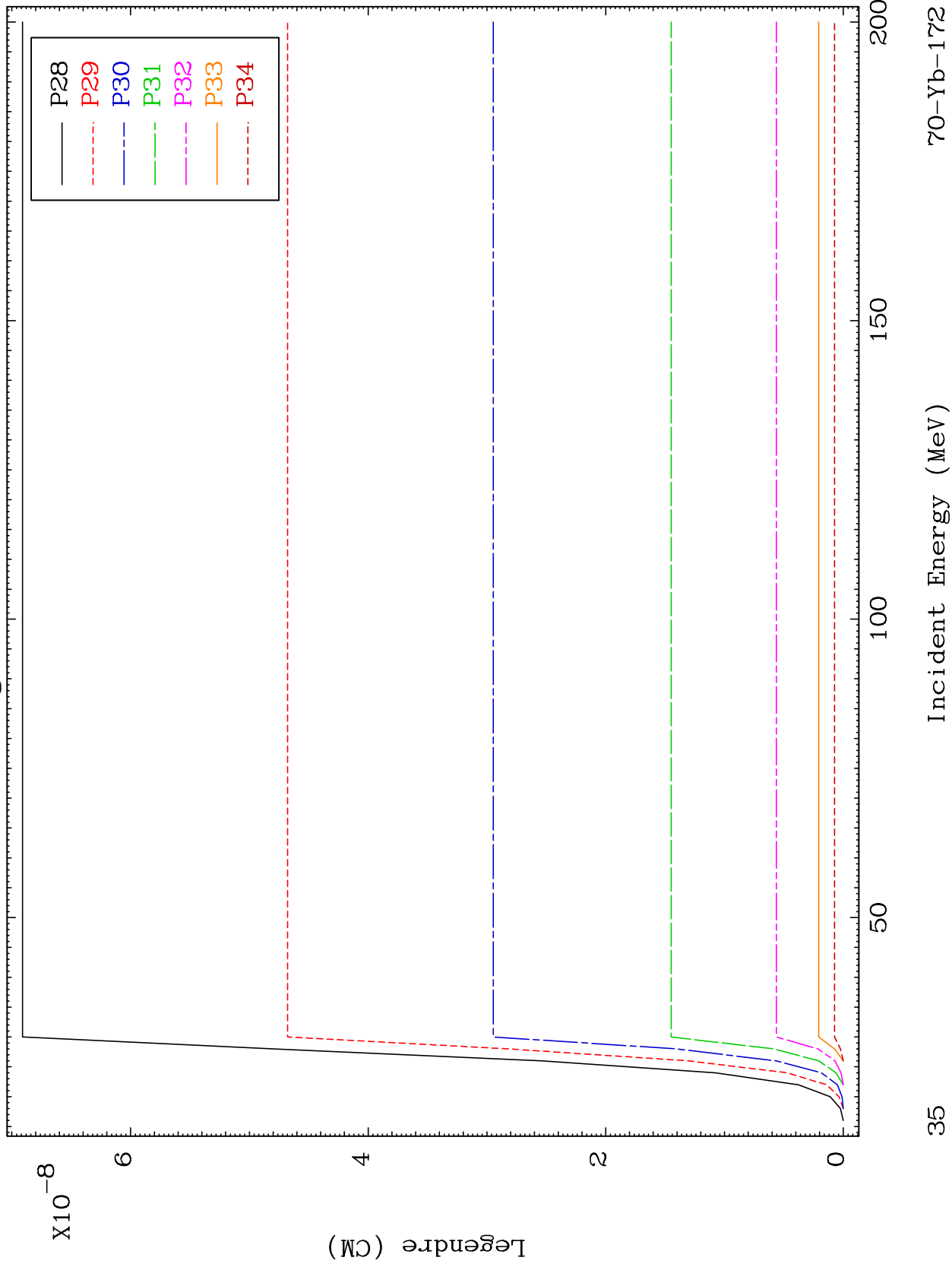
Incident Energy (MeV)

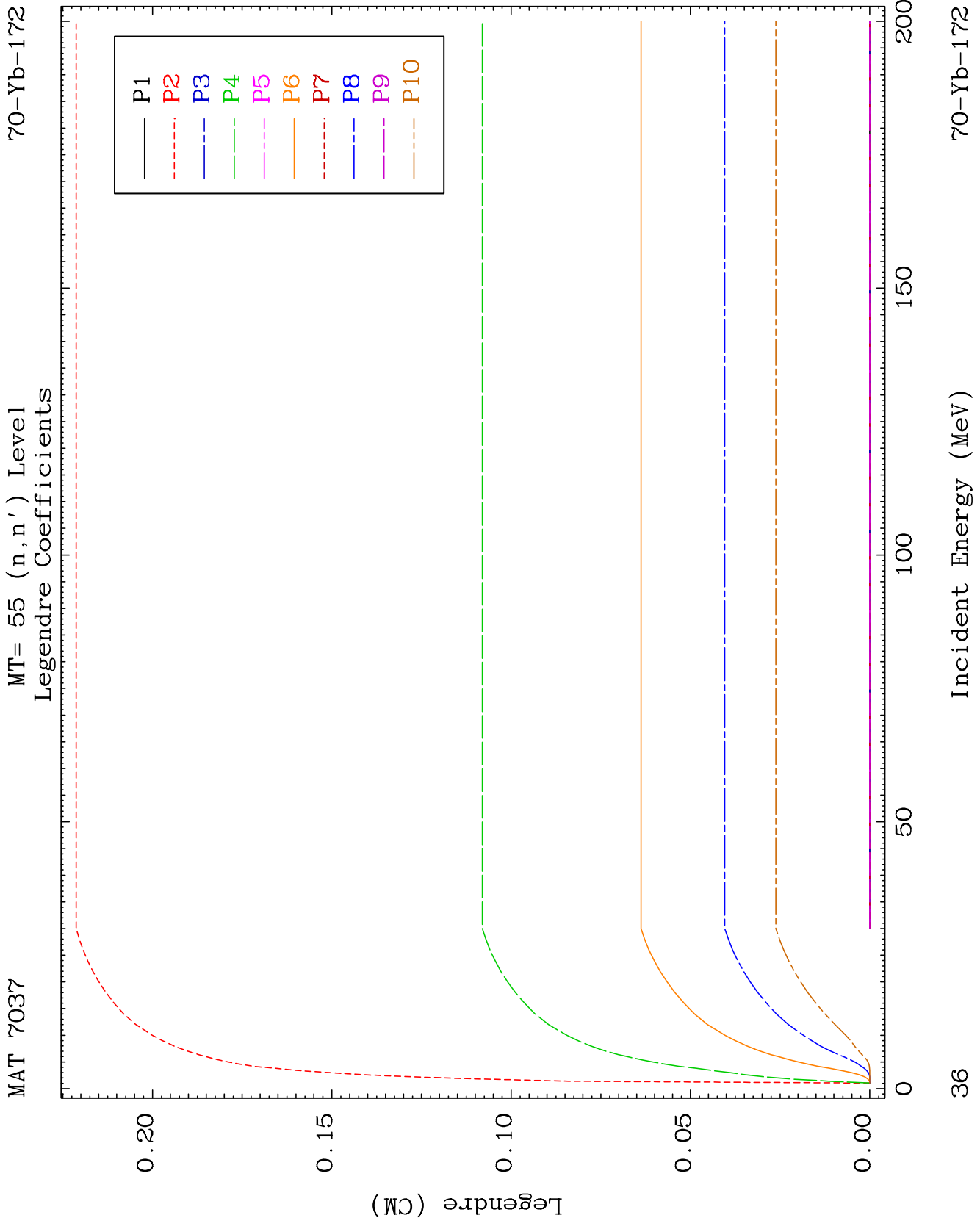
70-Yb-172

MAT 7037

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

70-Yb-172

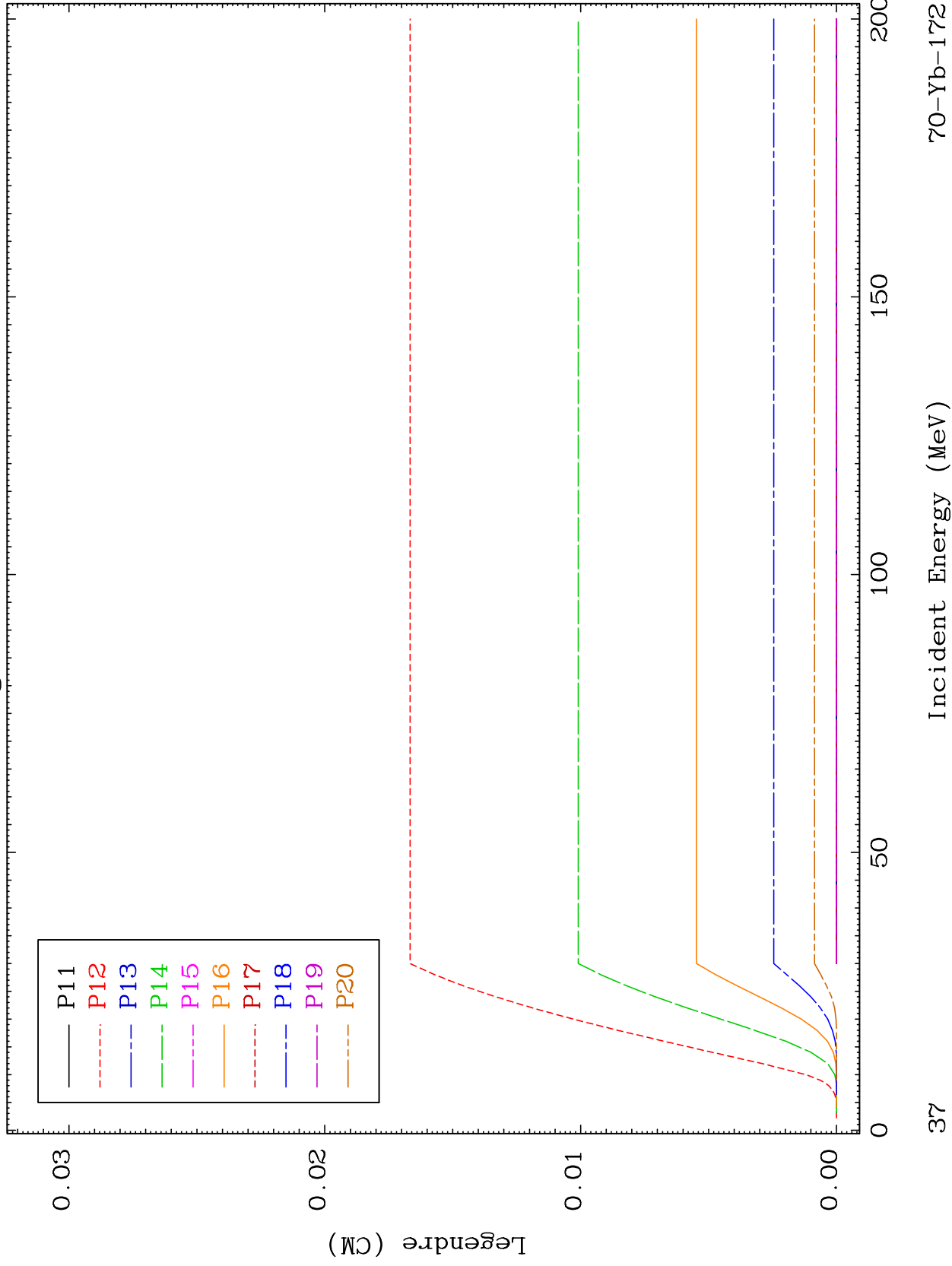


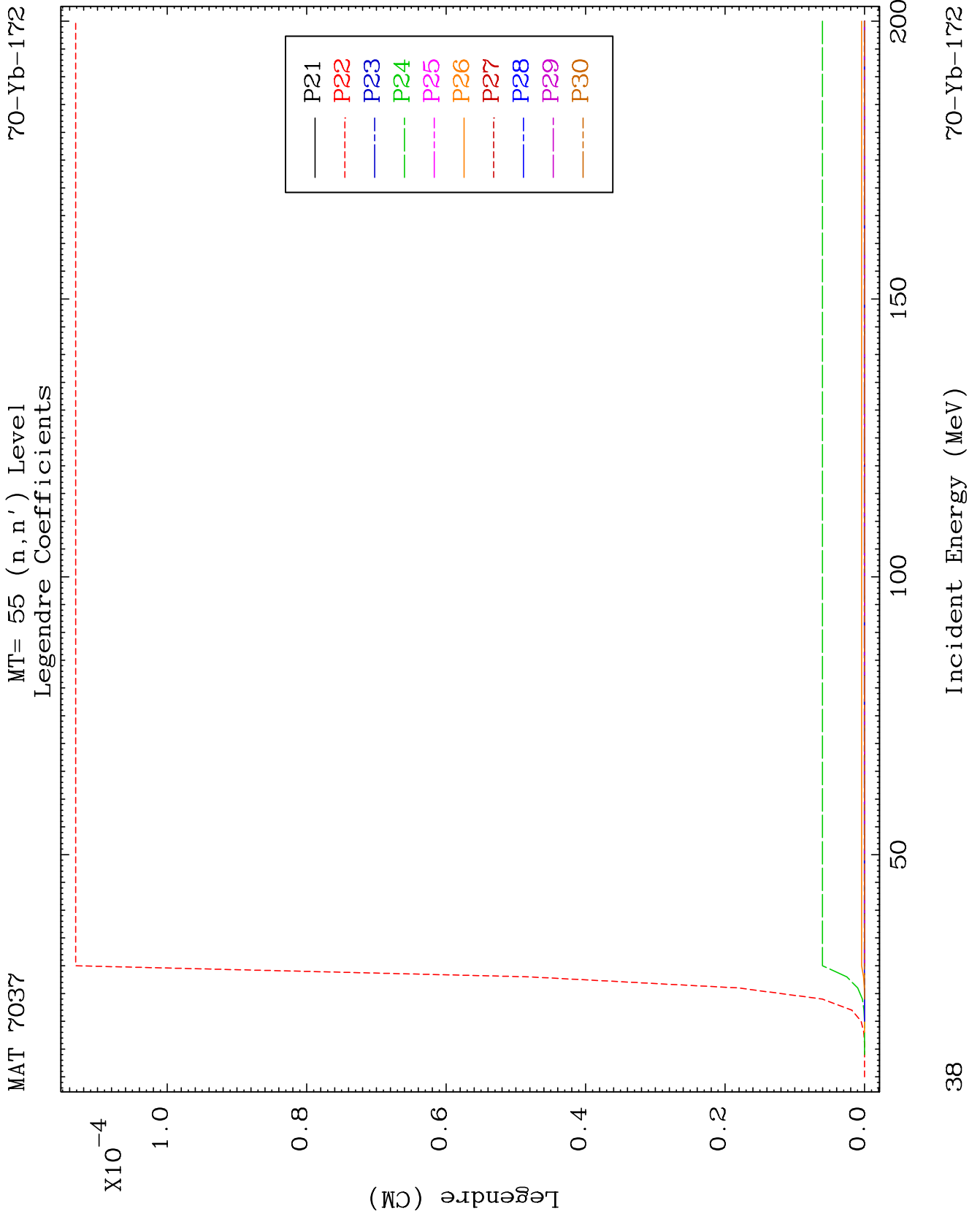


MAT 7037

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

70-Yb-172

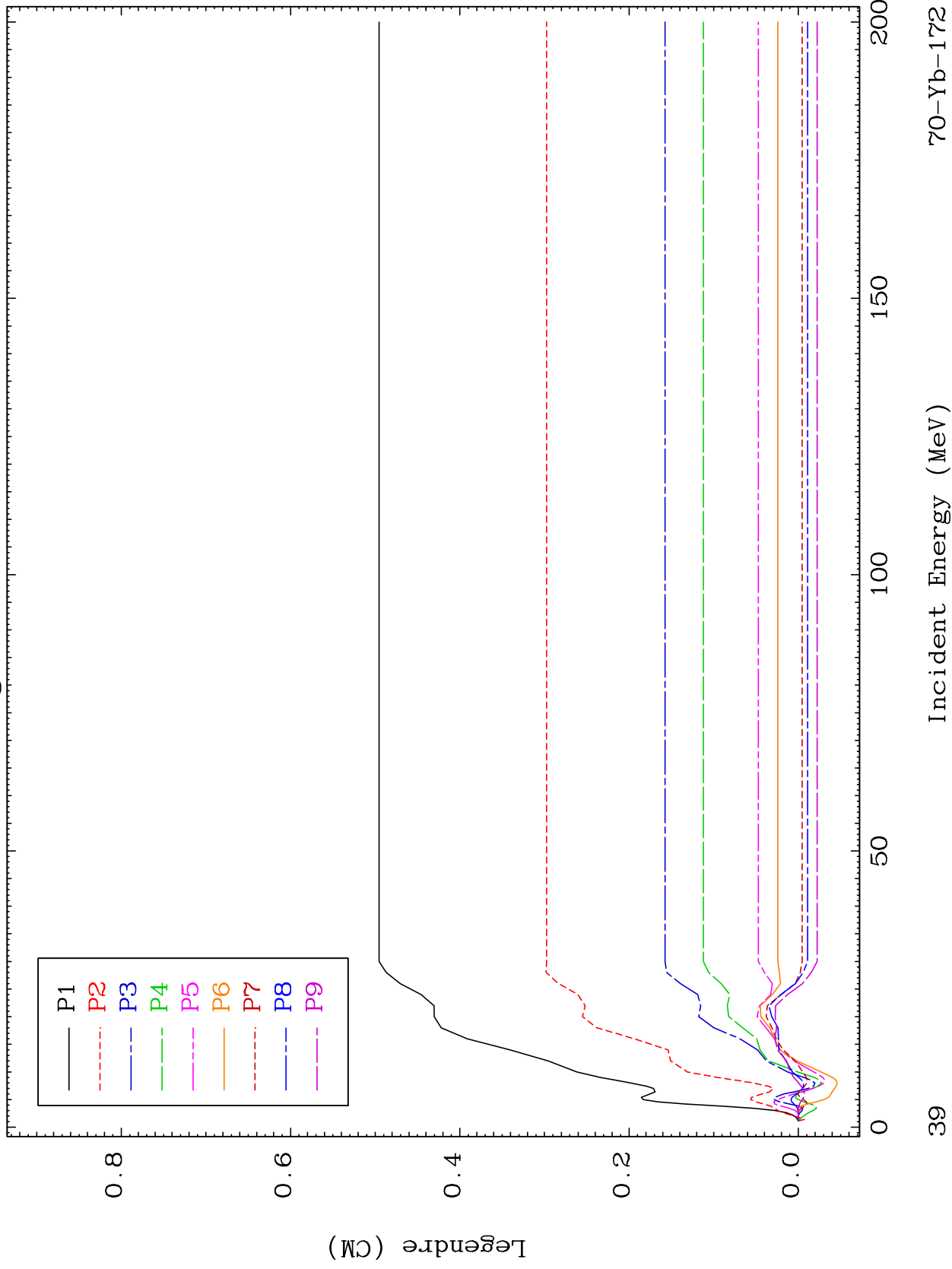




MAT 7037

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

70-Yb-172



39

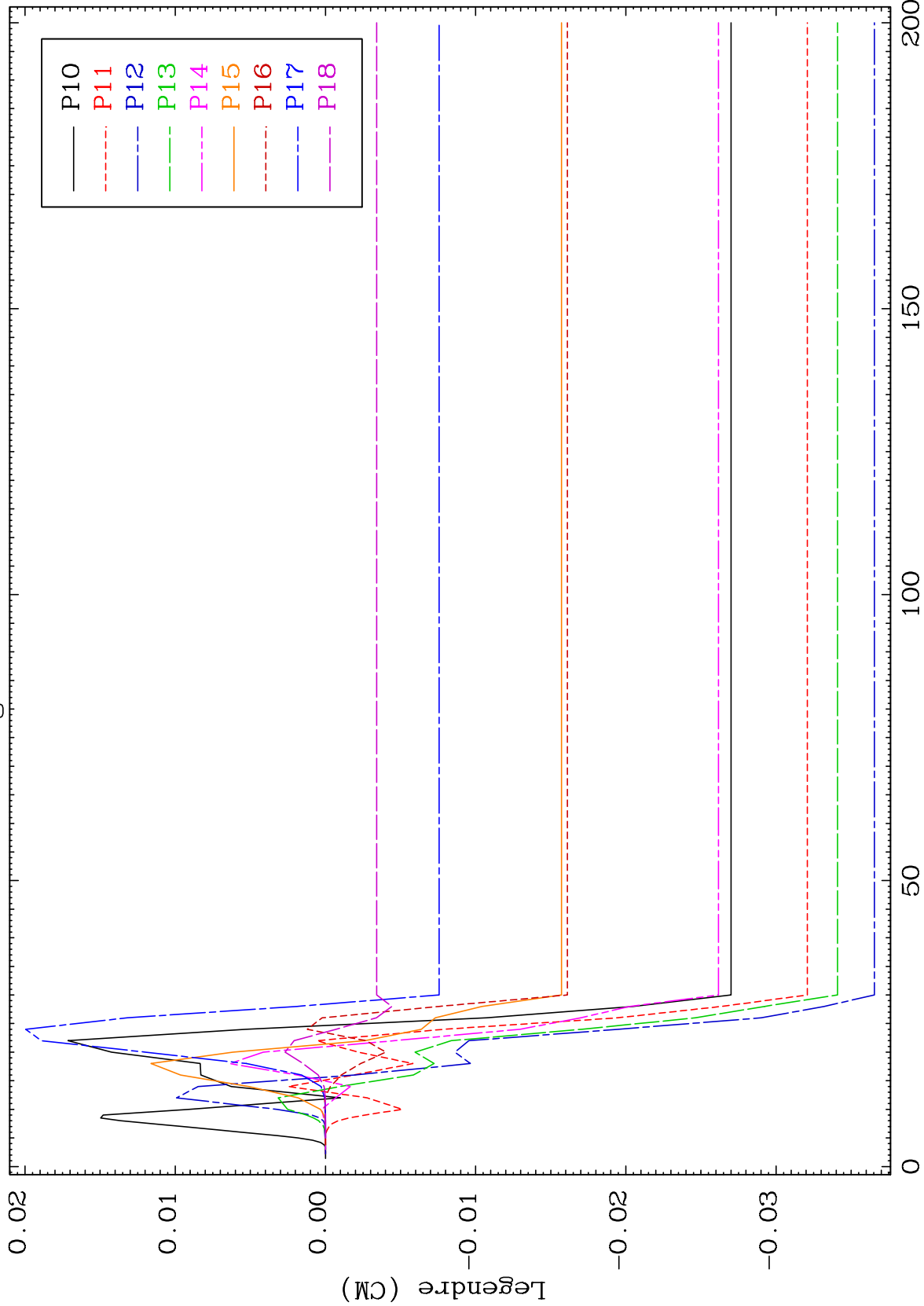
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



70-Yb-172

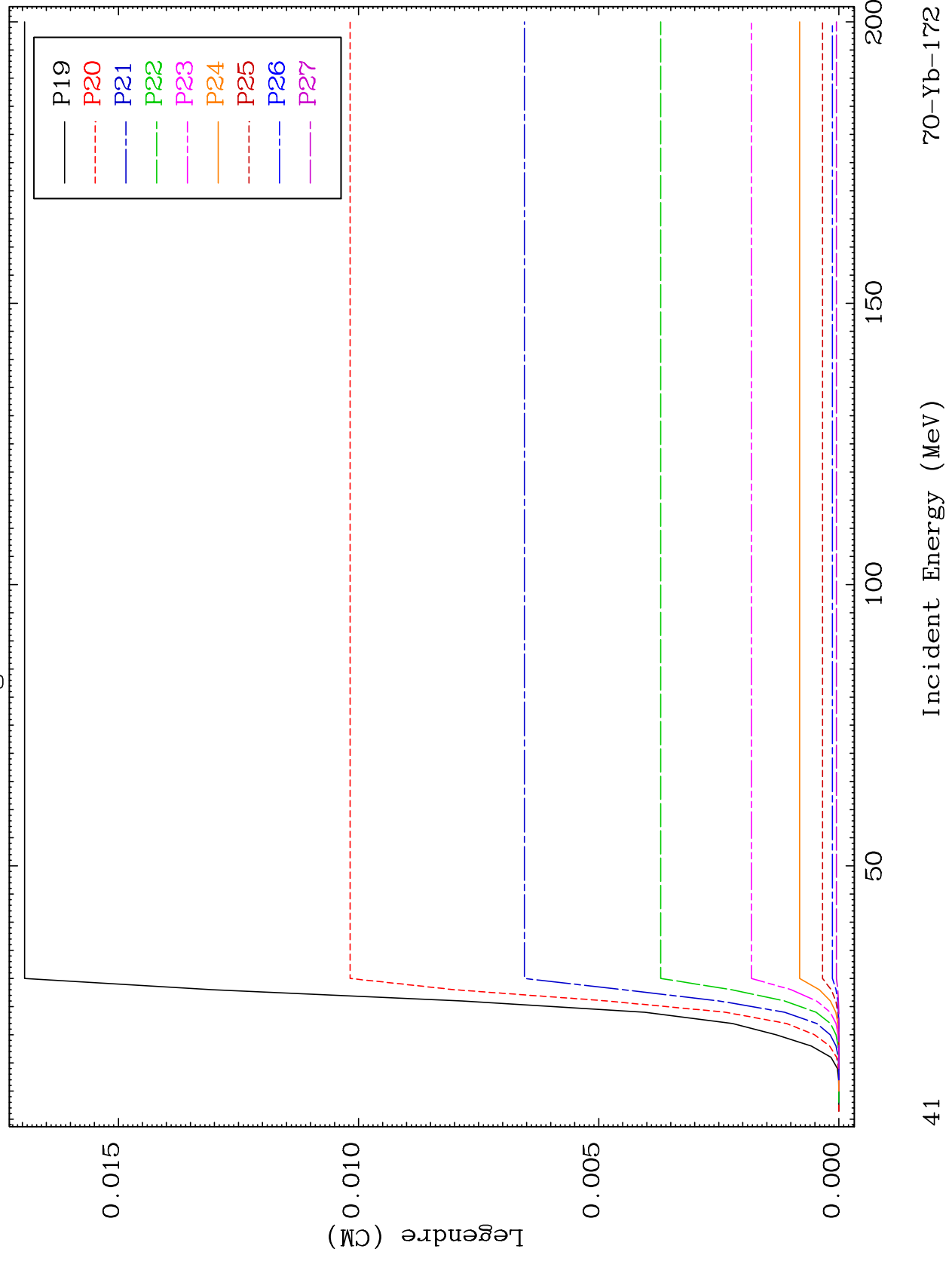
Incident Energy (MeV)

40

MAT 7037

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

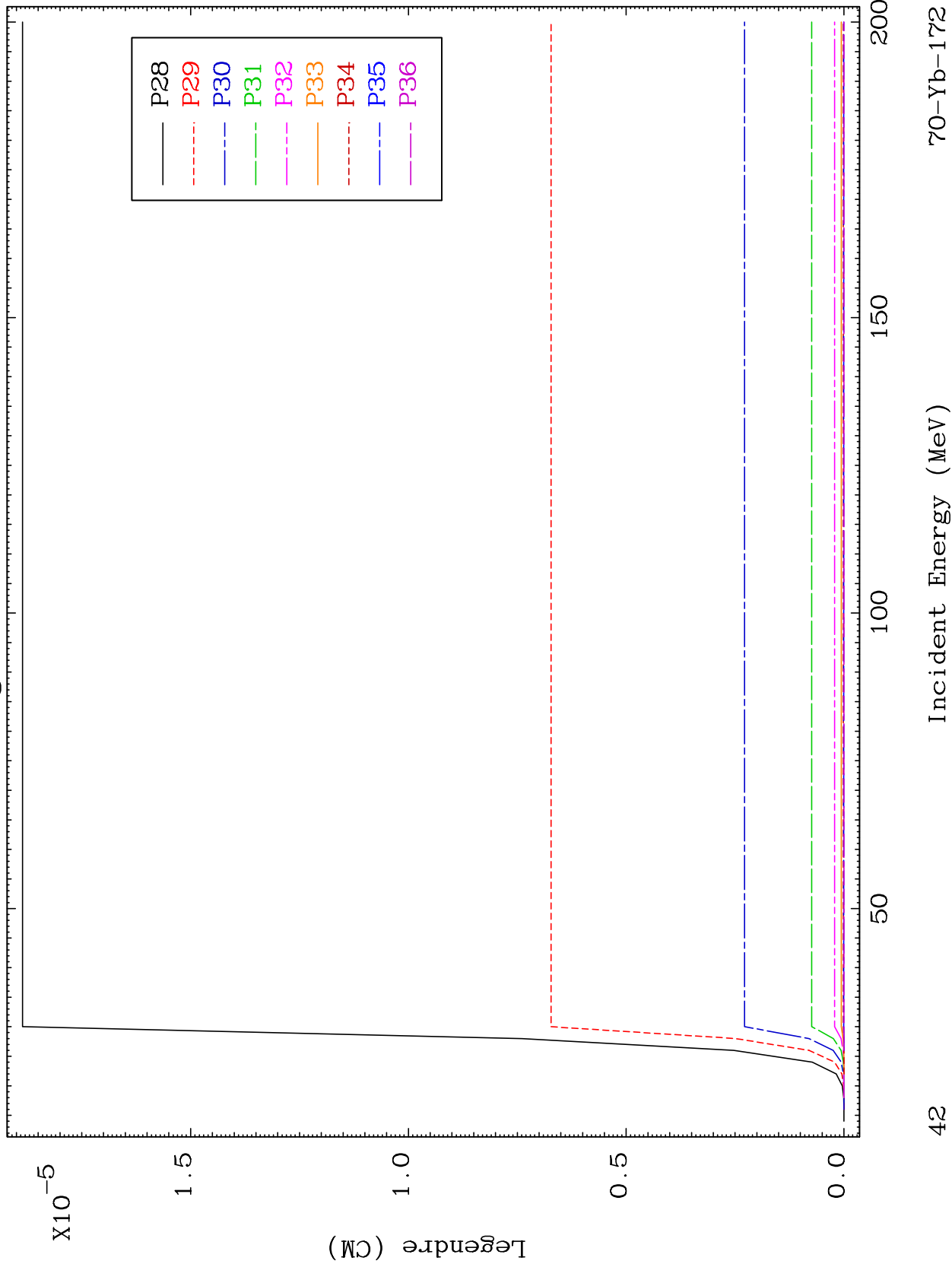
70-Yb-172



MAT 7037

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

70-Yb-172



42

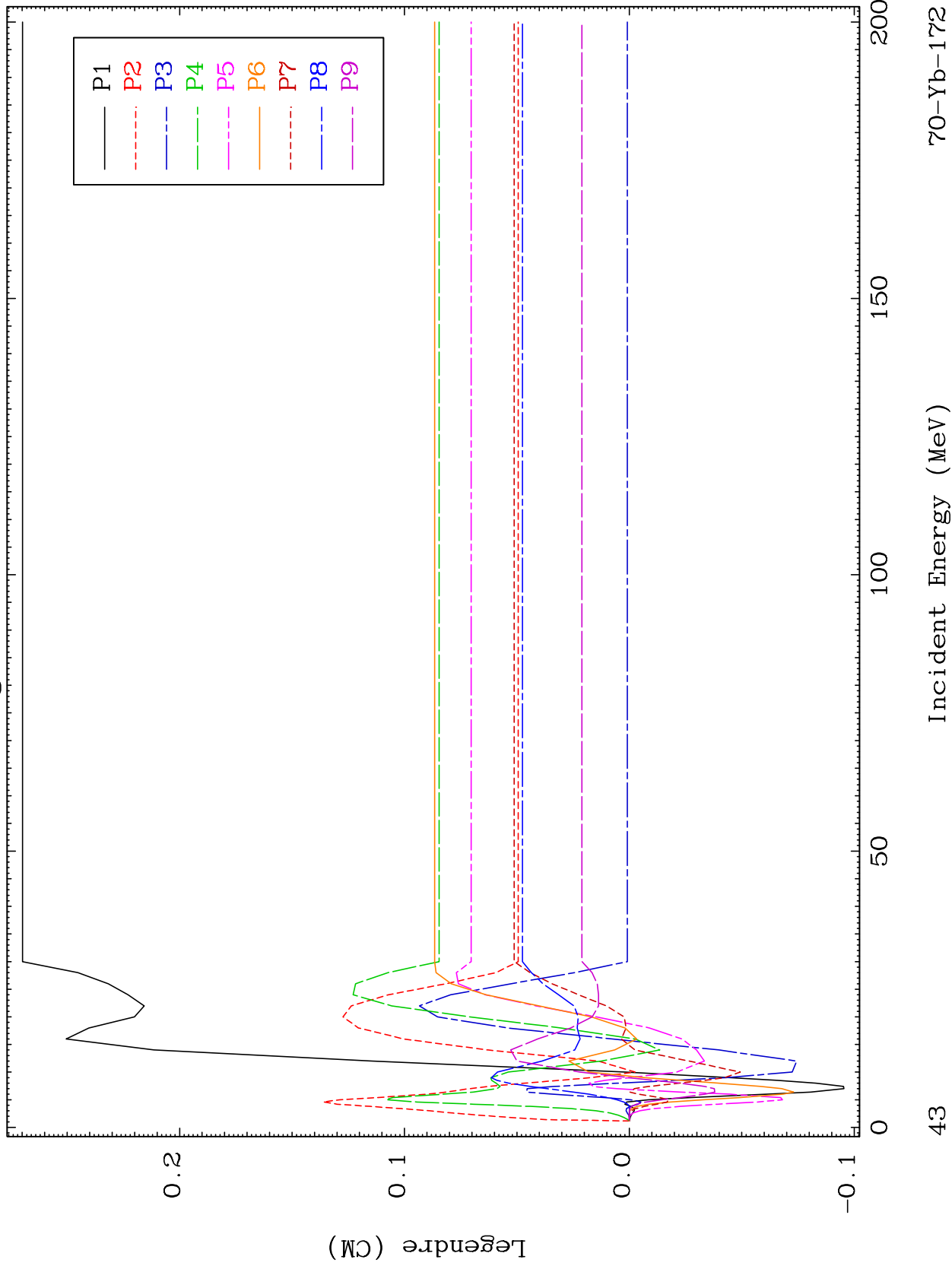
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



70-Yb-172

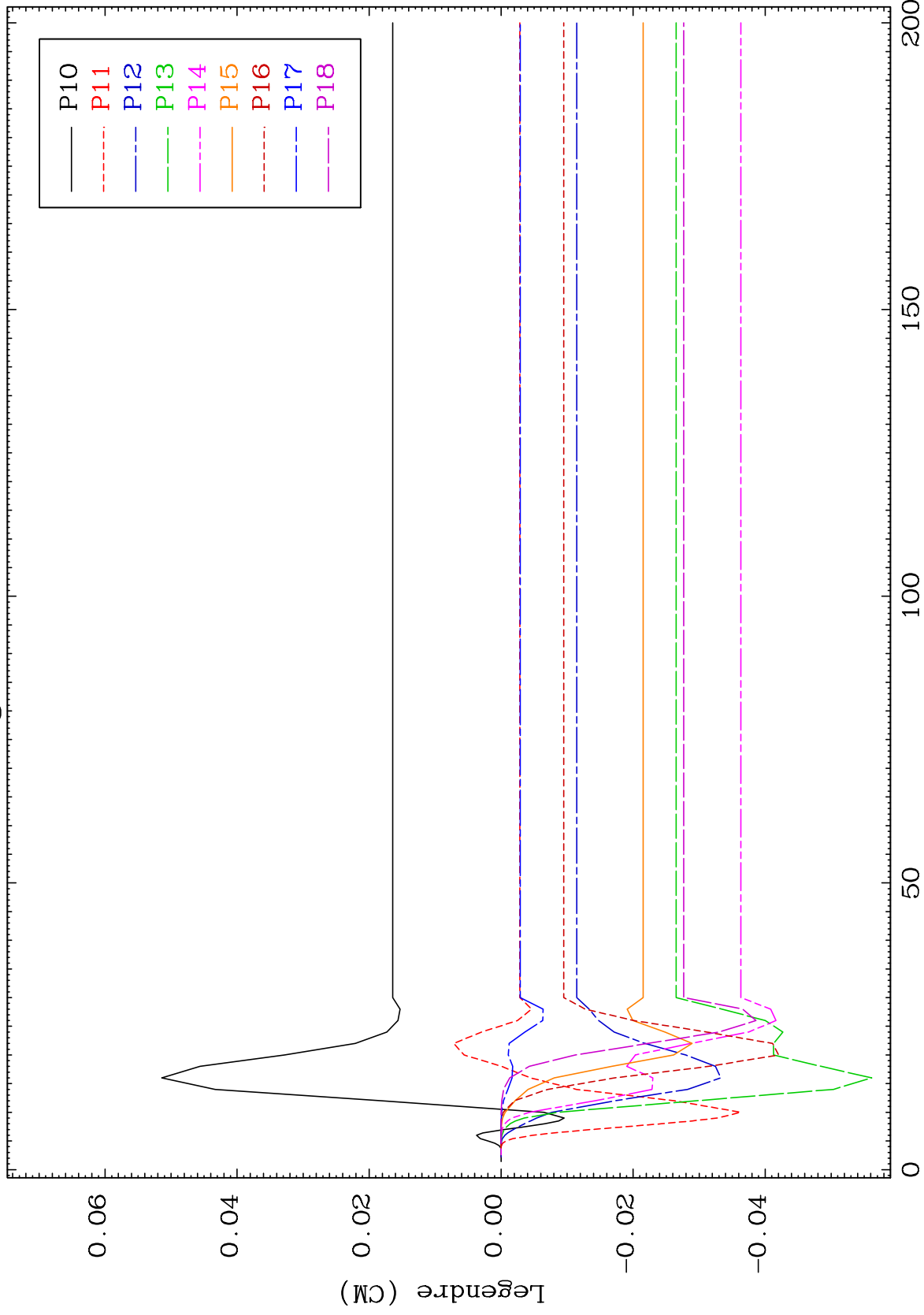
Incident Energy (MeV)

43

MAT 7037

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

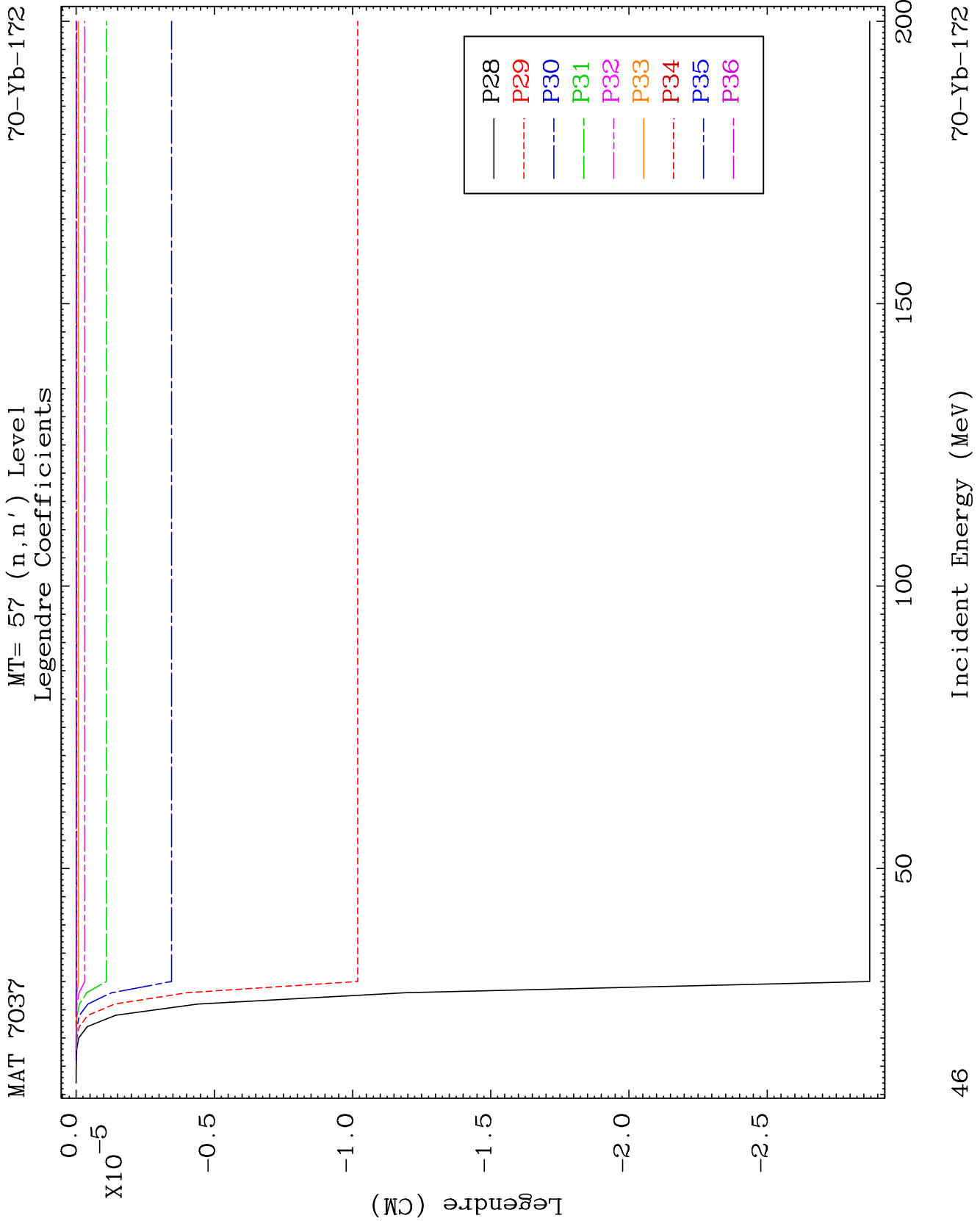
70-Yb-172



44

Incident Energy (MeV)

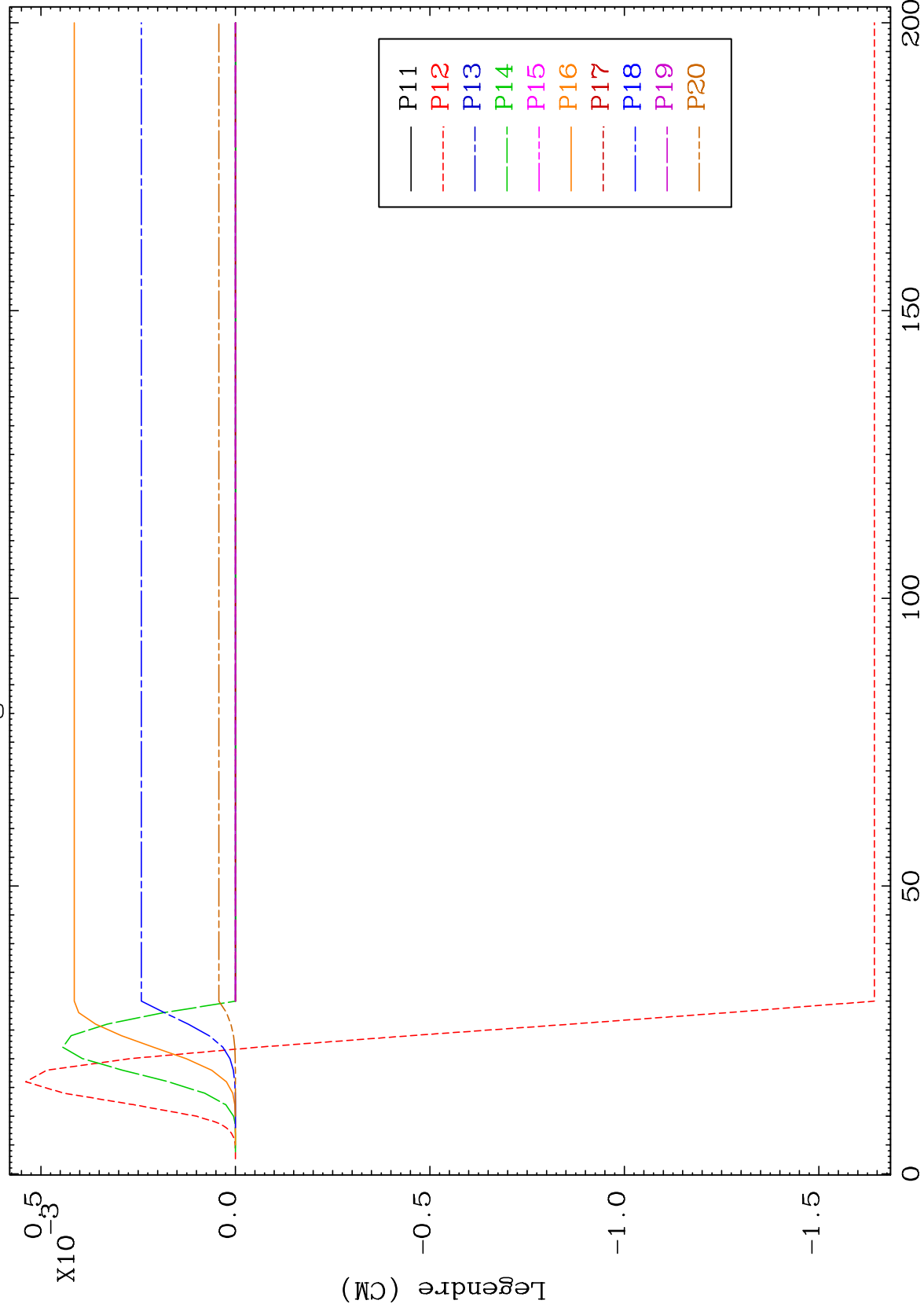
70-Yb-172



MAT 7037

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

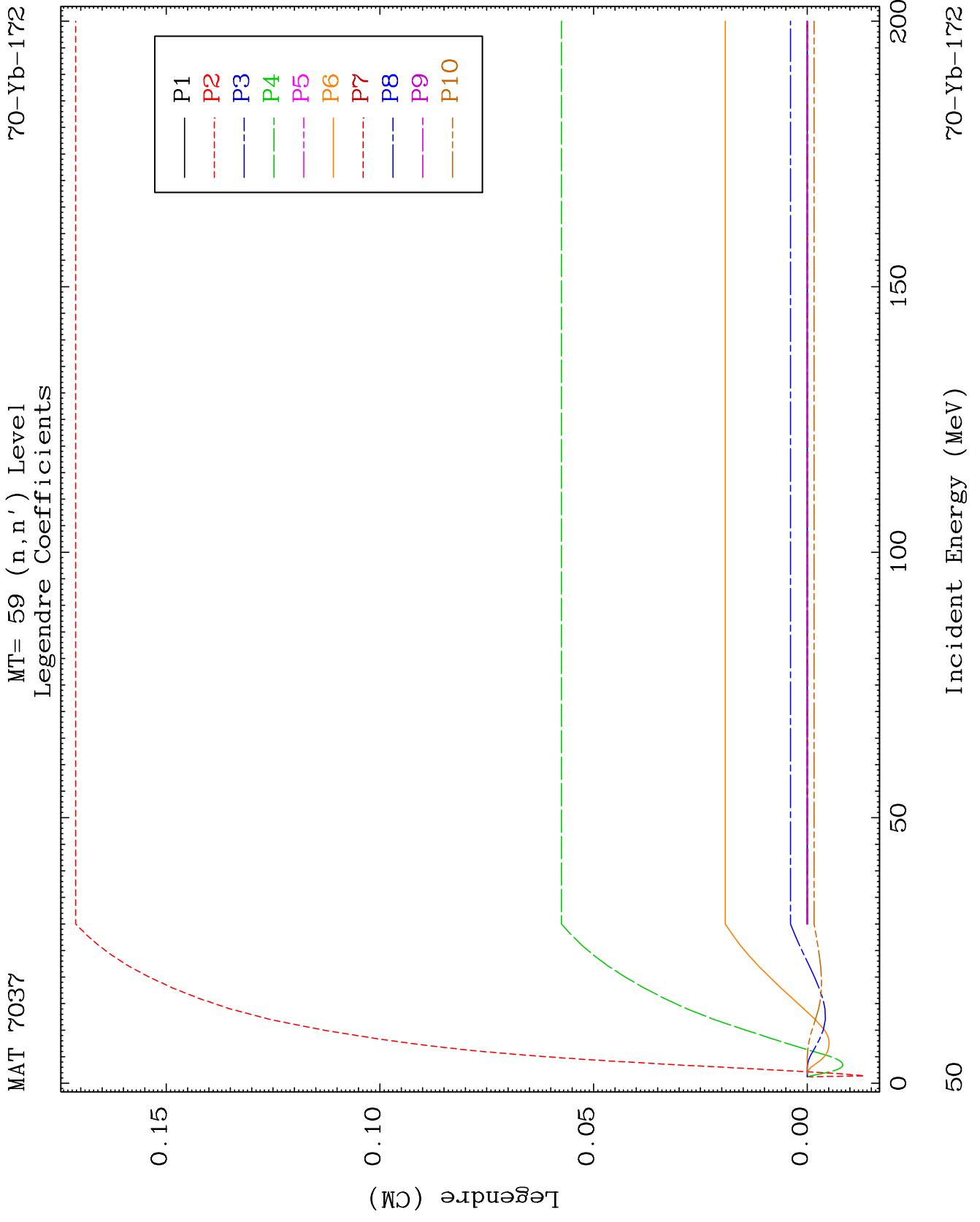
70-Yb-172

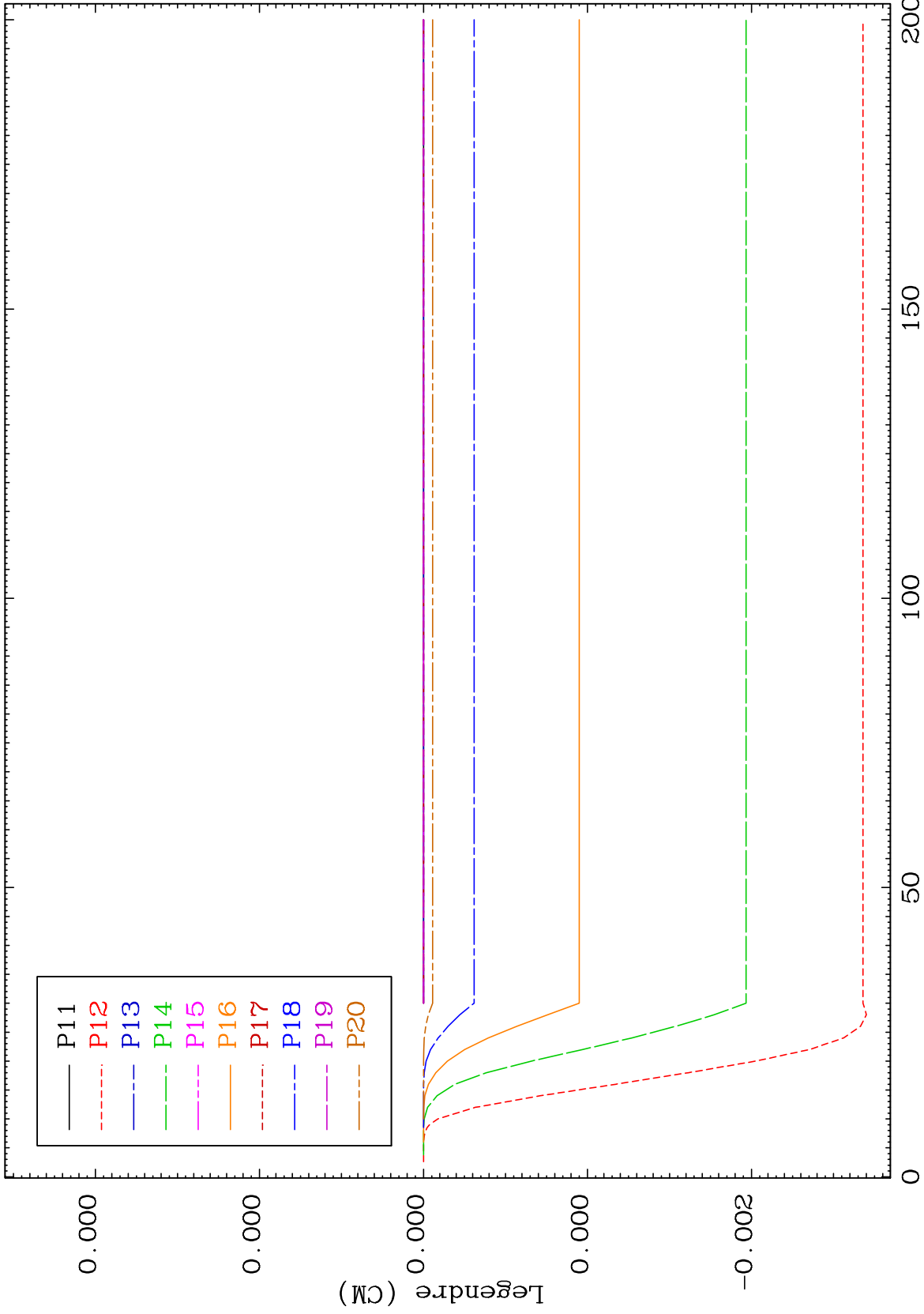


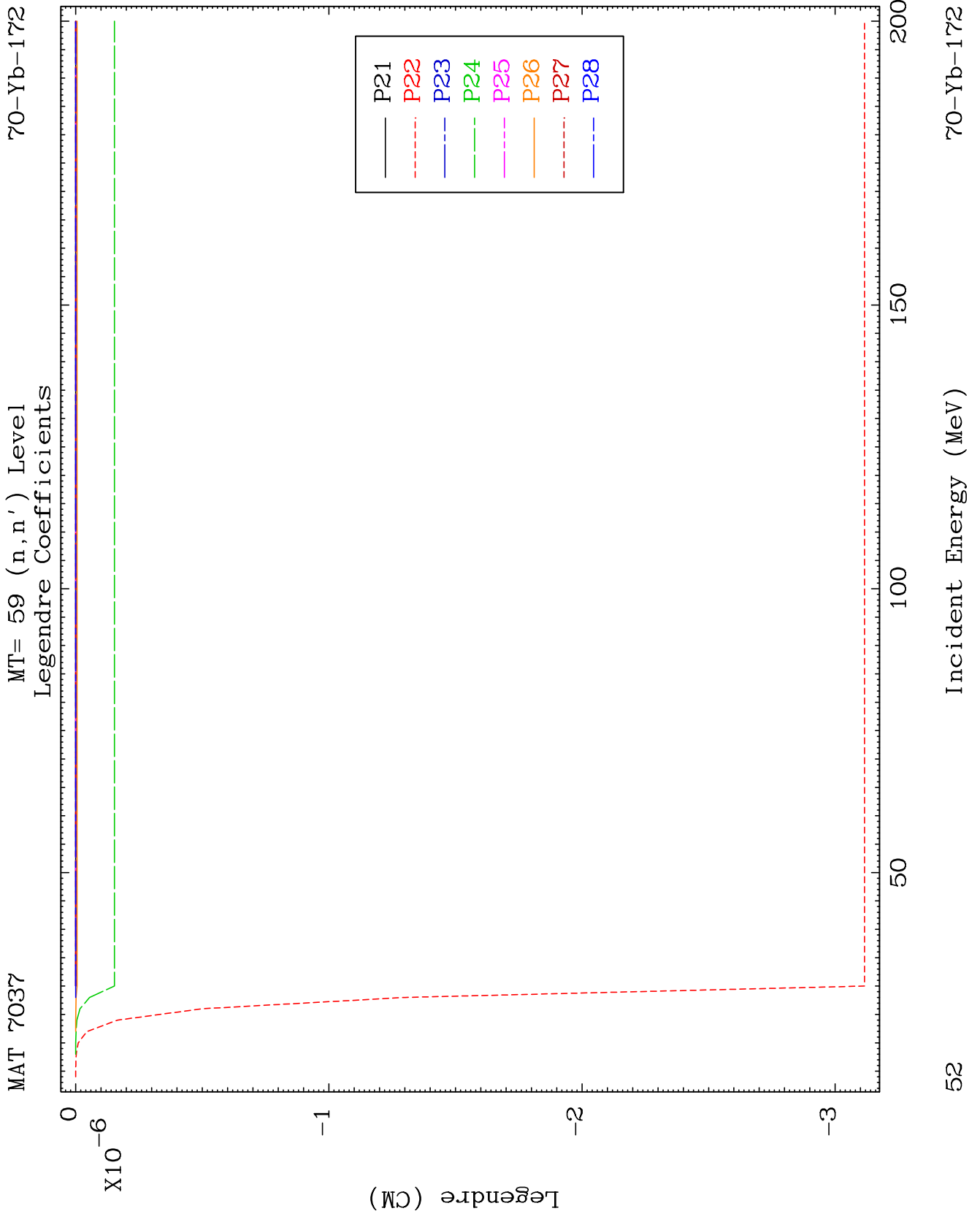
48

Incident Energy (MeV)

70-Yb-172



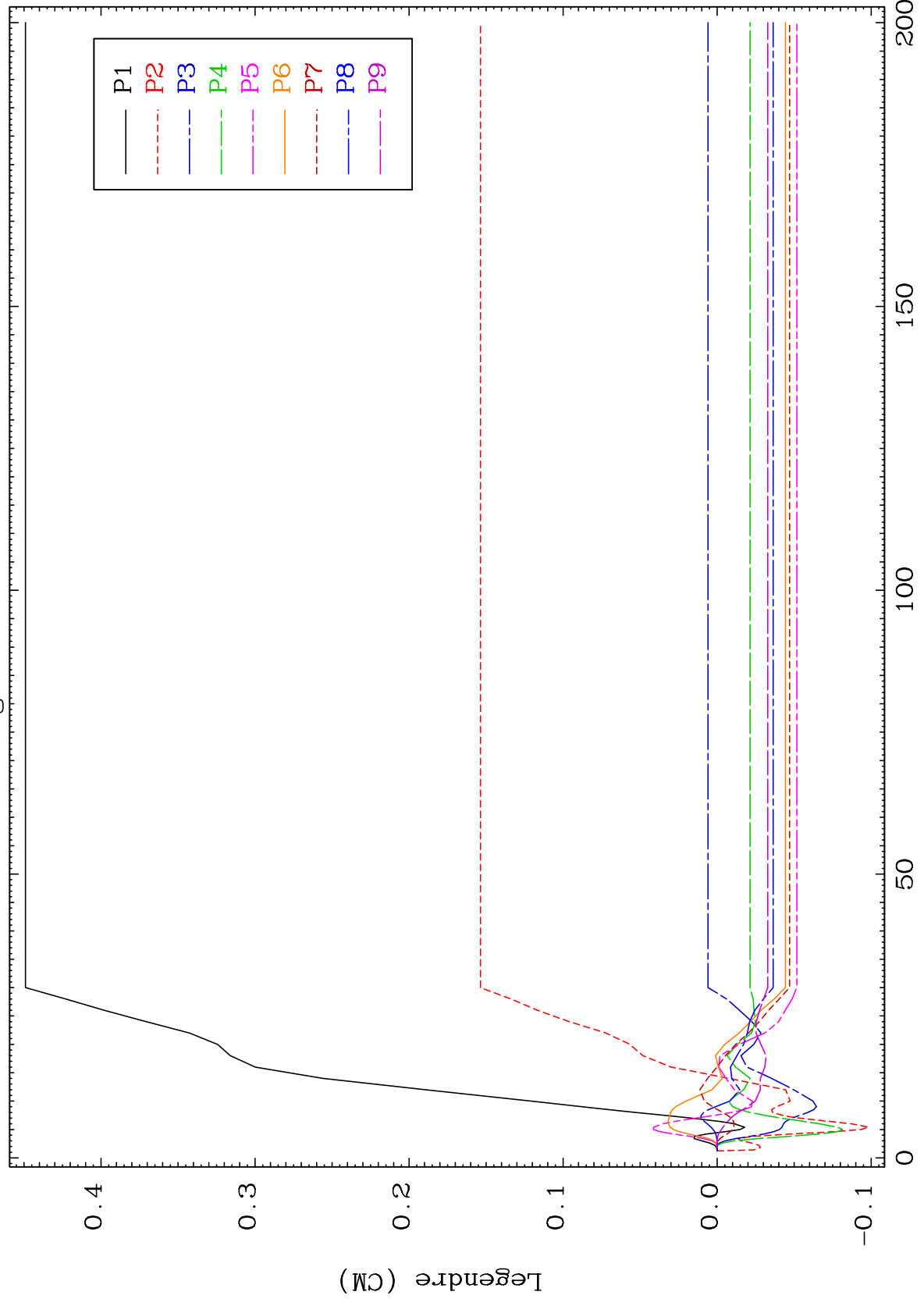




MAT 7037

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

70-Yb-172



70-Yb-172

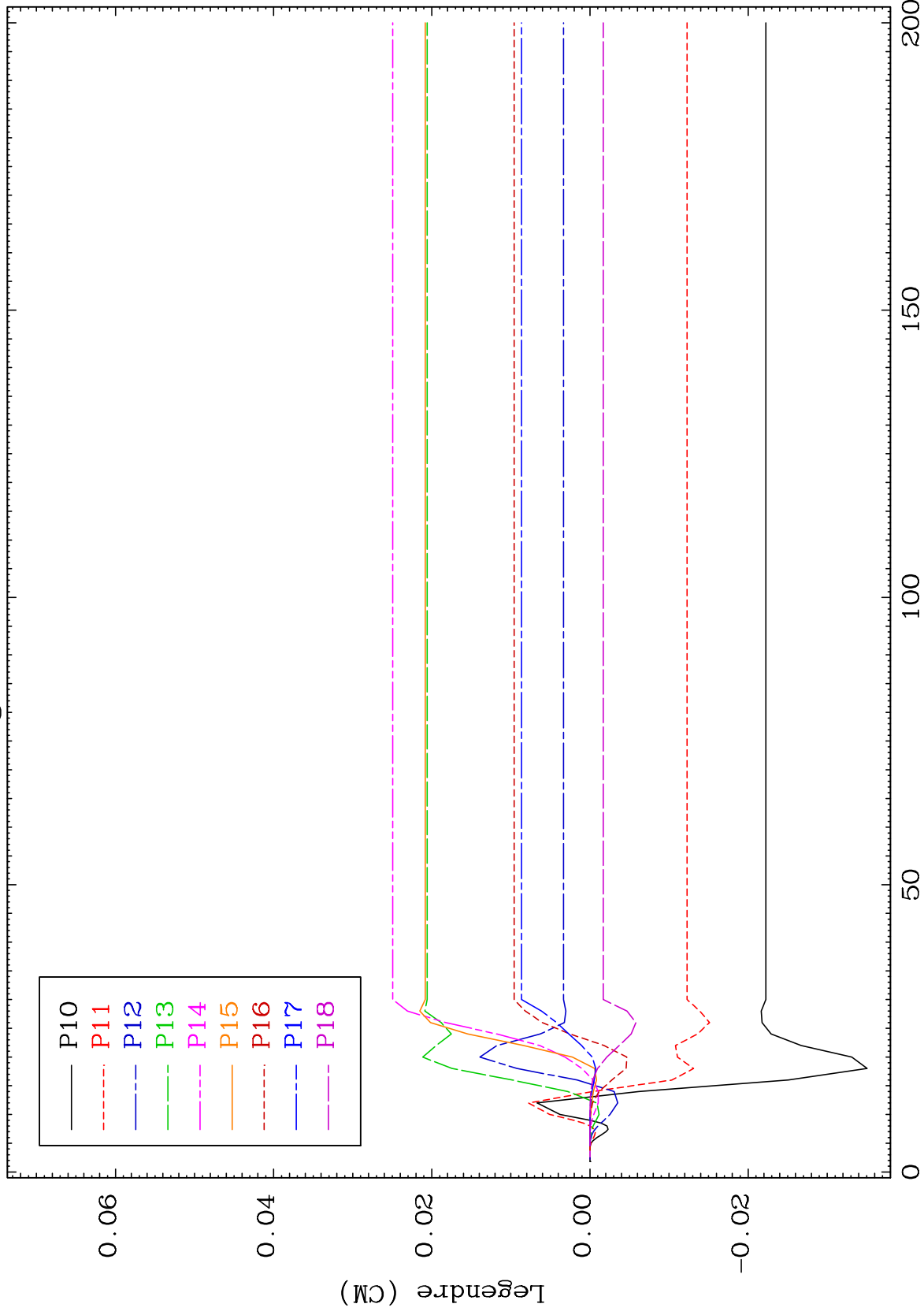
Incident Energy (MeV)

53

MAT 7037

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

70-Yb-172



54

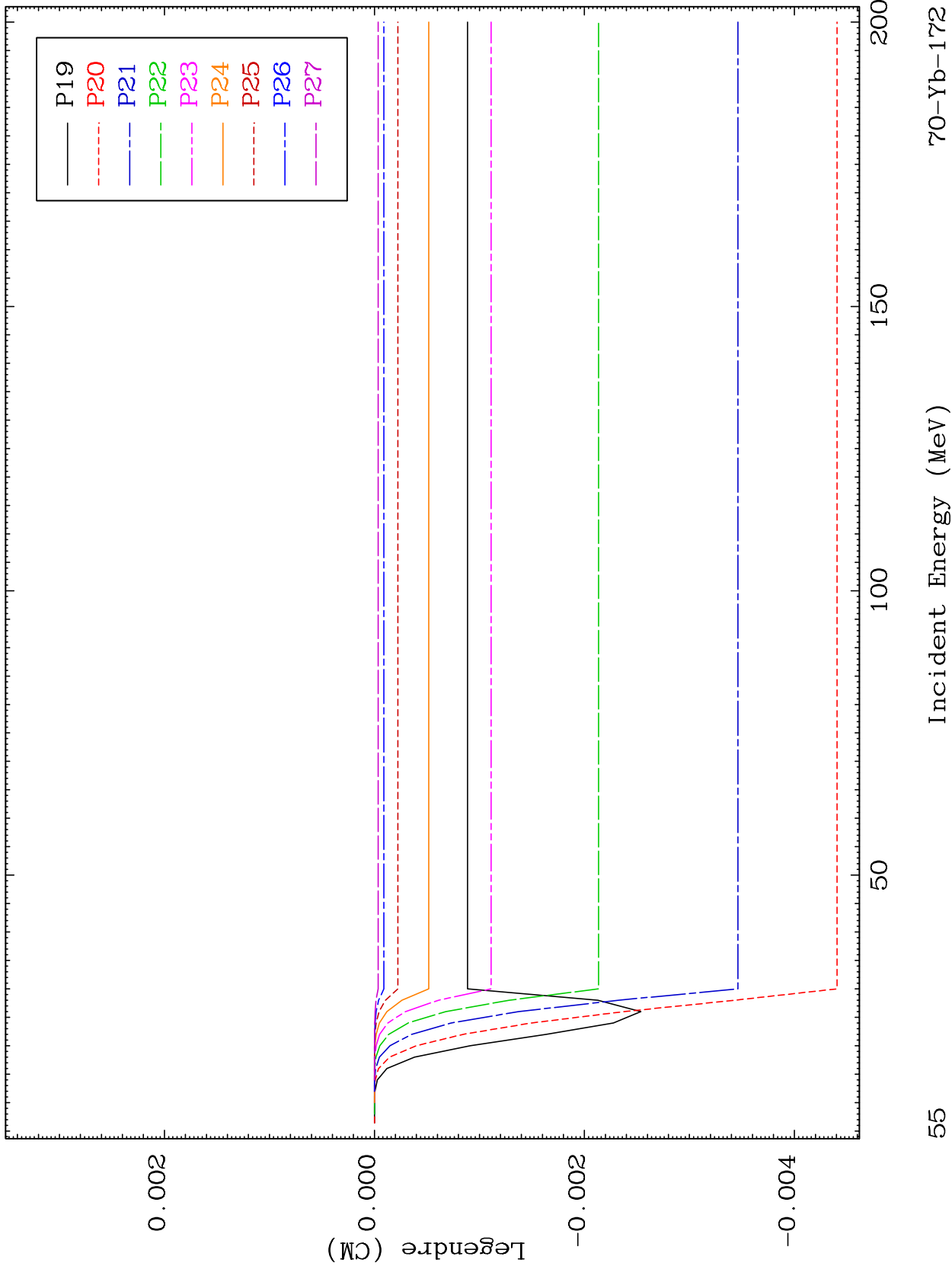
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

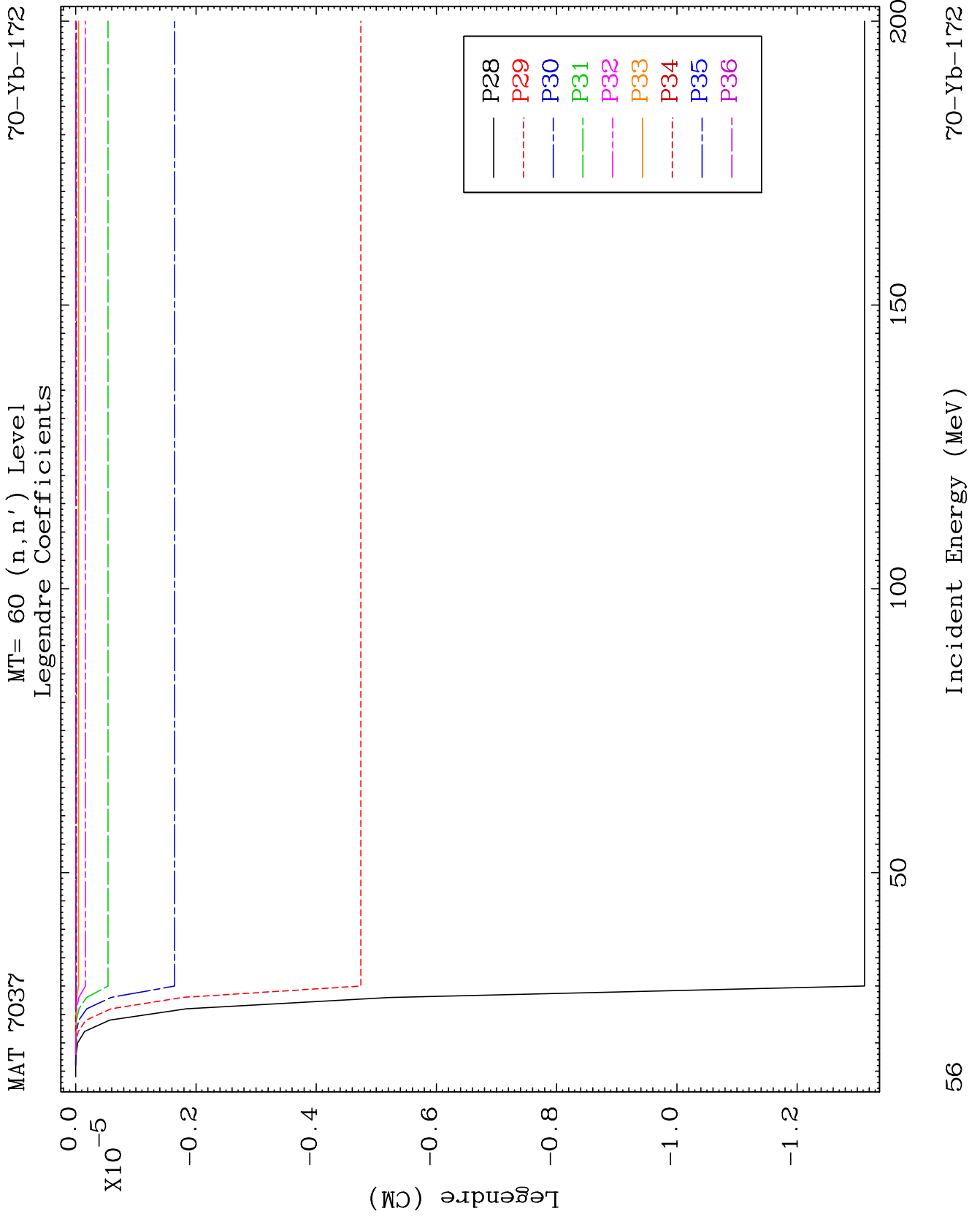
70-Yb-172



55

Incident Energy (MeV)

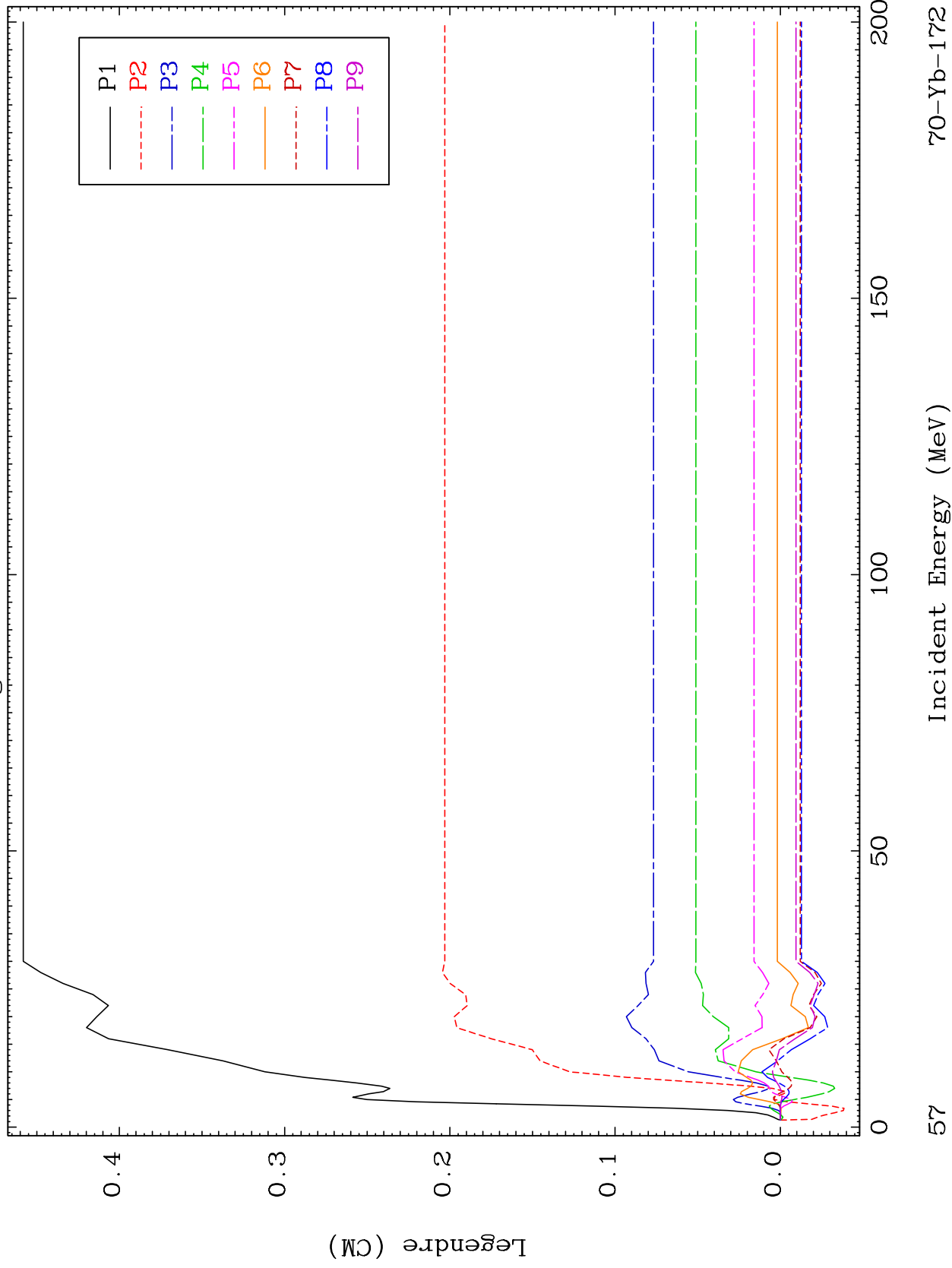
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

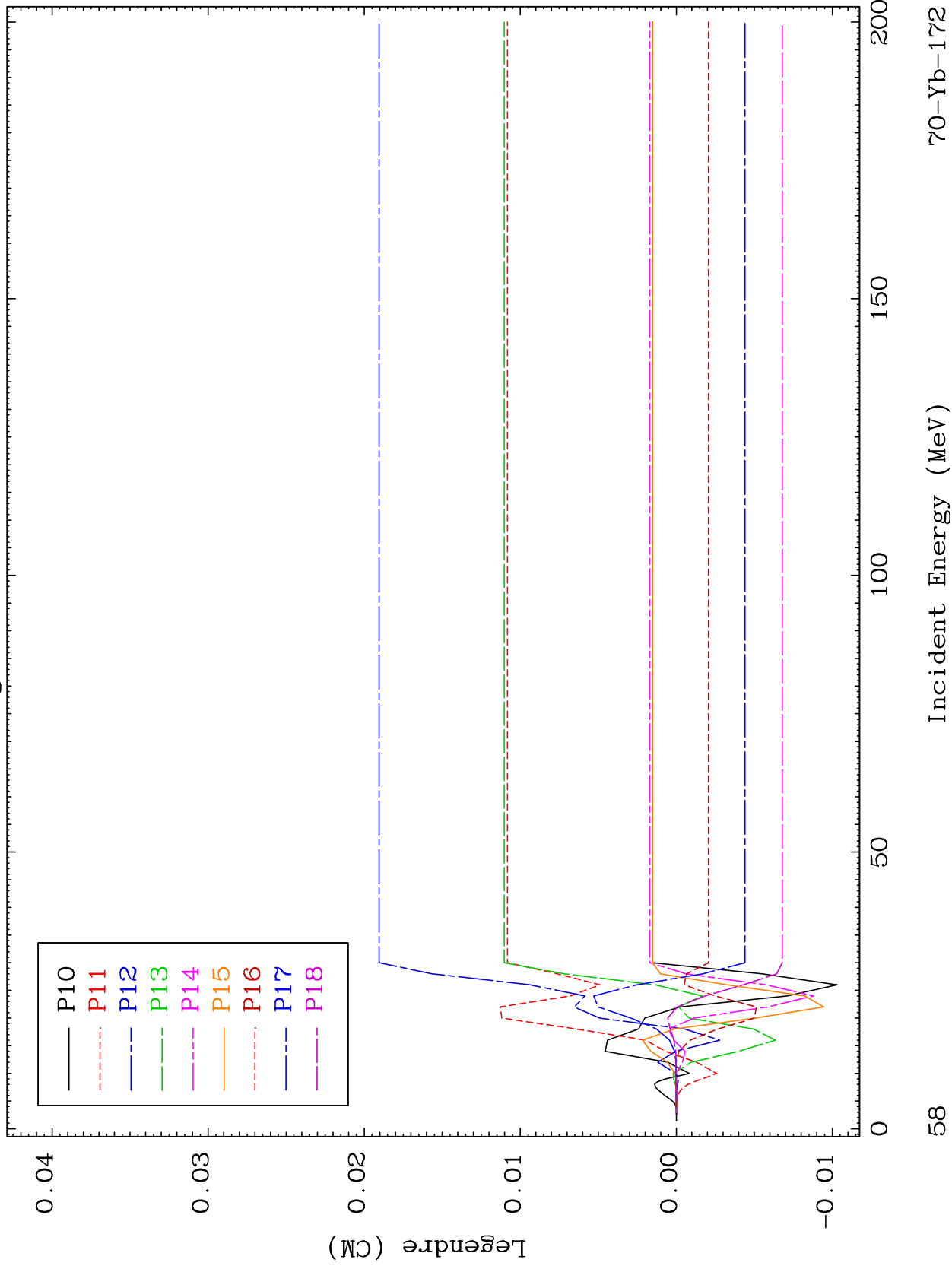
Incident Energy (MeV)

57

MAT 7037

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

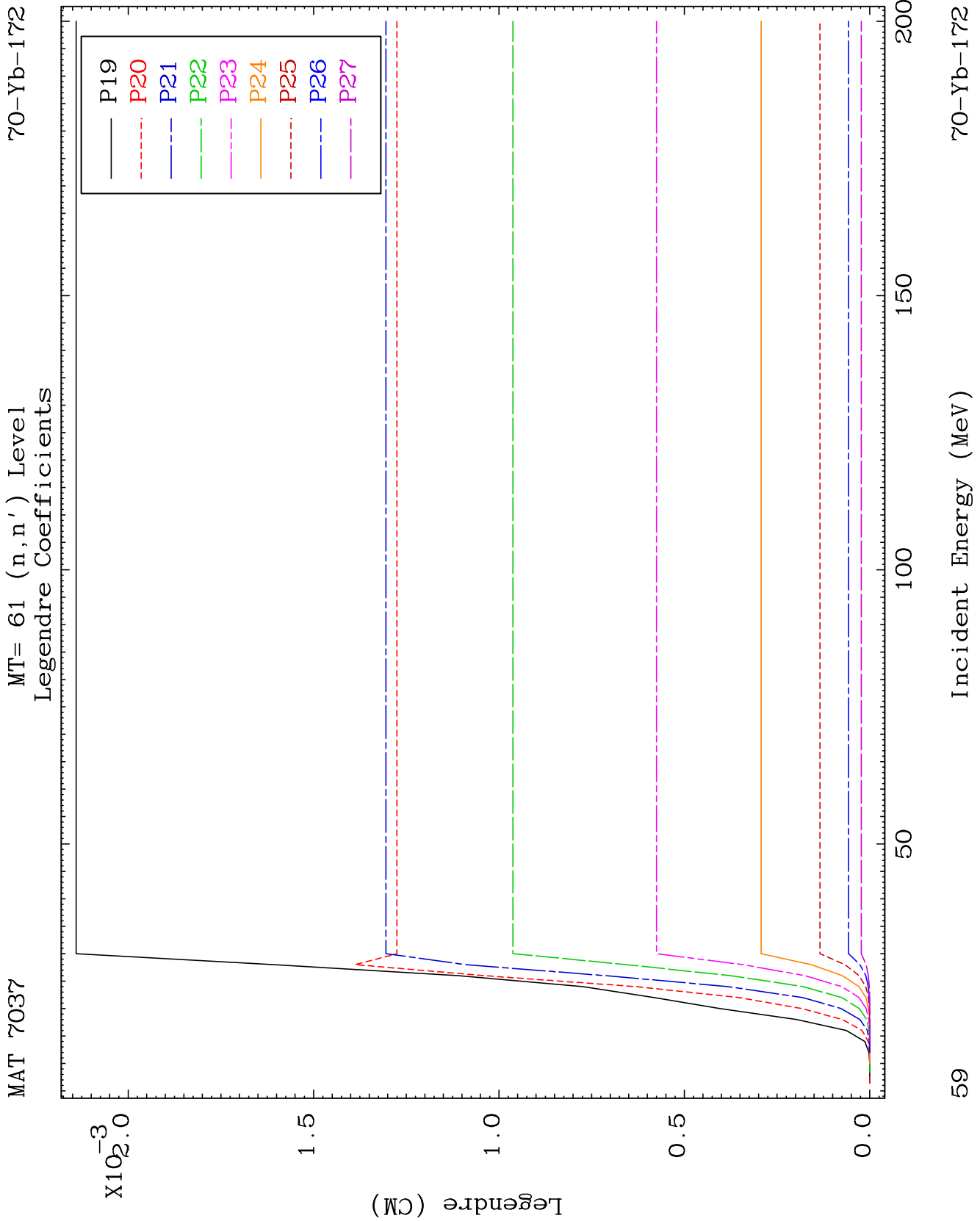
70-Yb-172



58

Incident Energy (MeV)

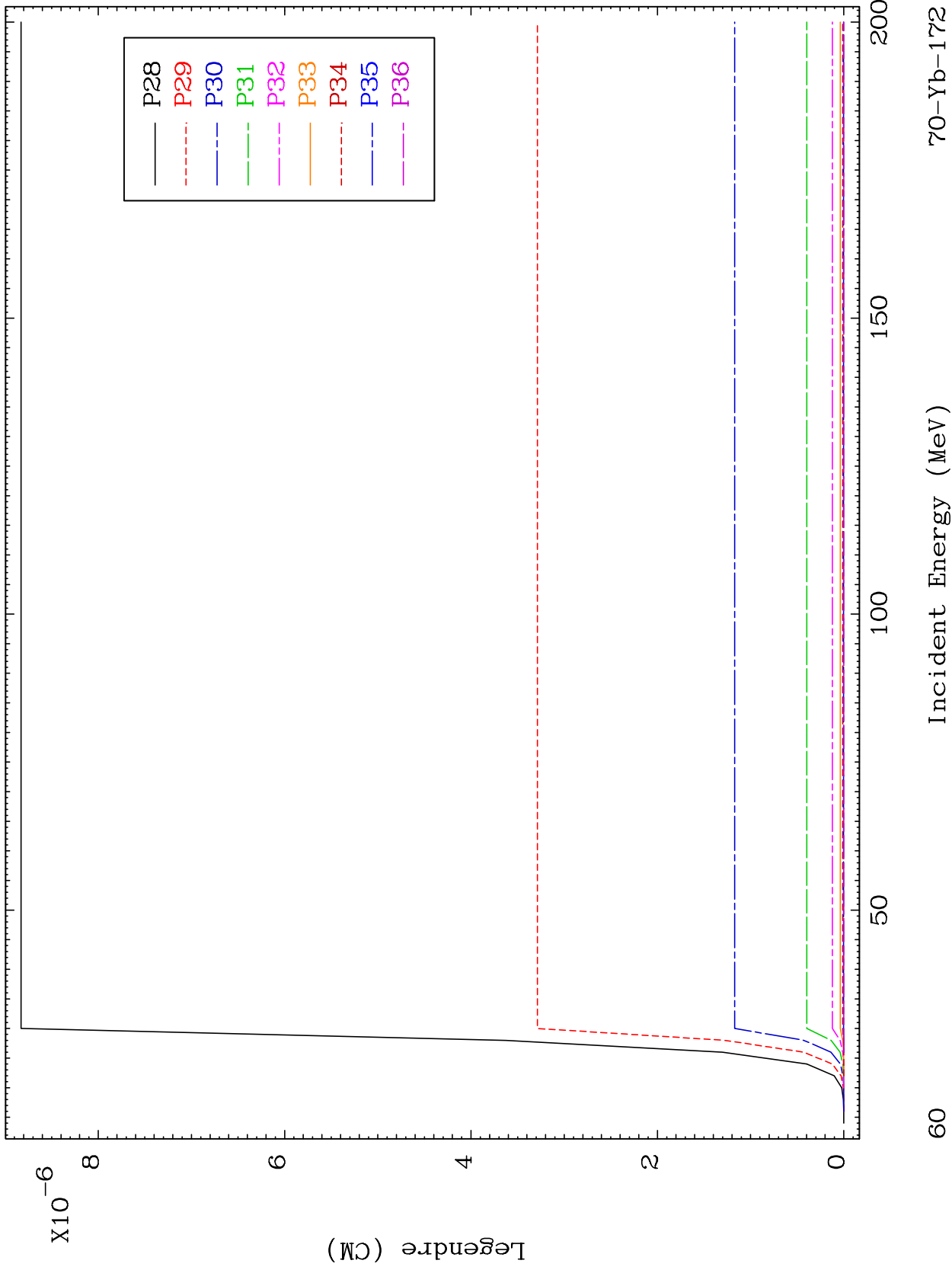
70-Yb-172



MAT 7037

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

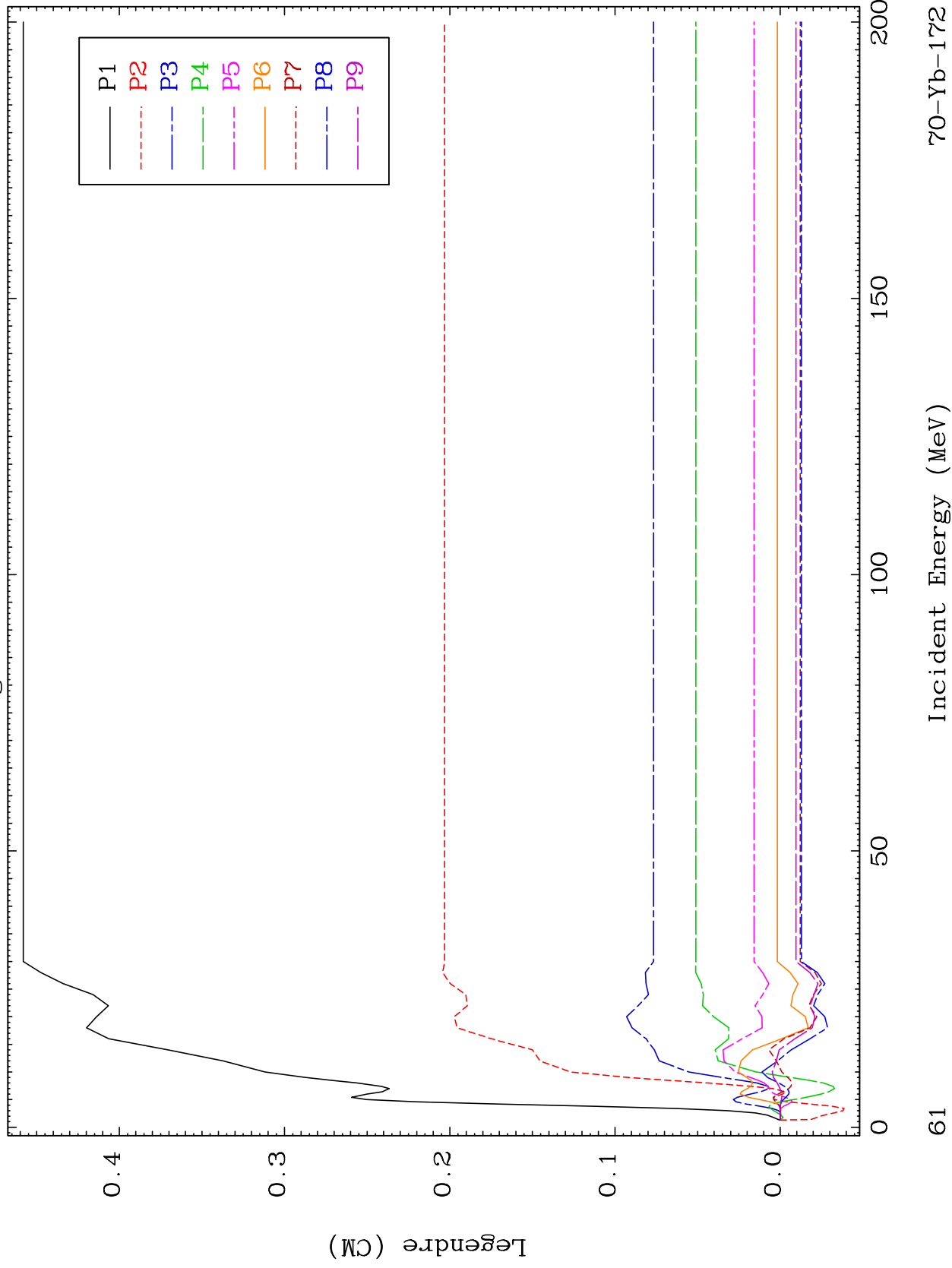
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

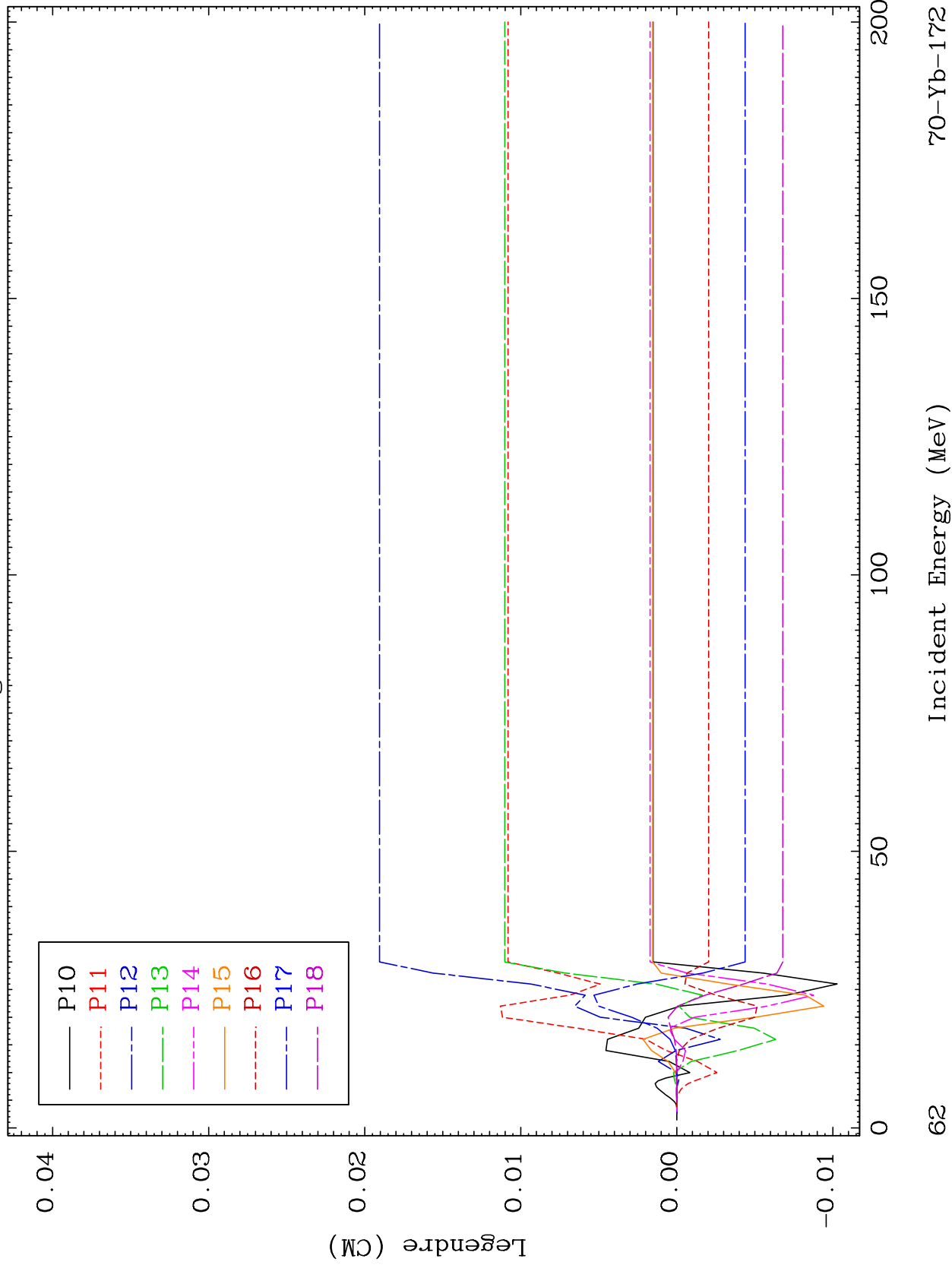
Incident Energy (MeV)

61

MAT 7037

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

70-Yb-172



70-Yb-172

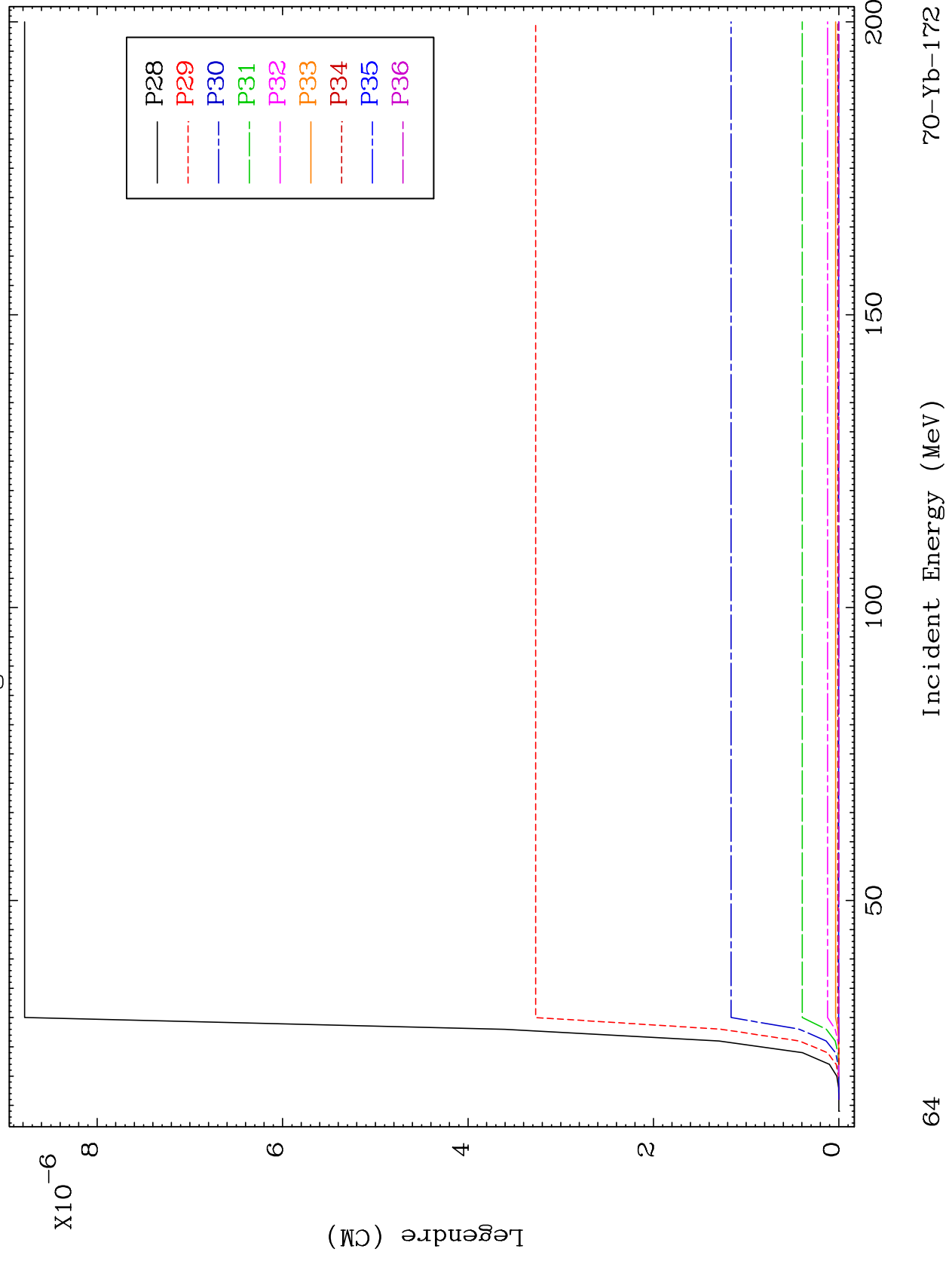
Incident Energy (MeV)

62

MAT 7037

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

70-Yb-172



64

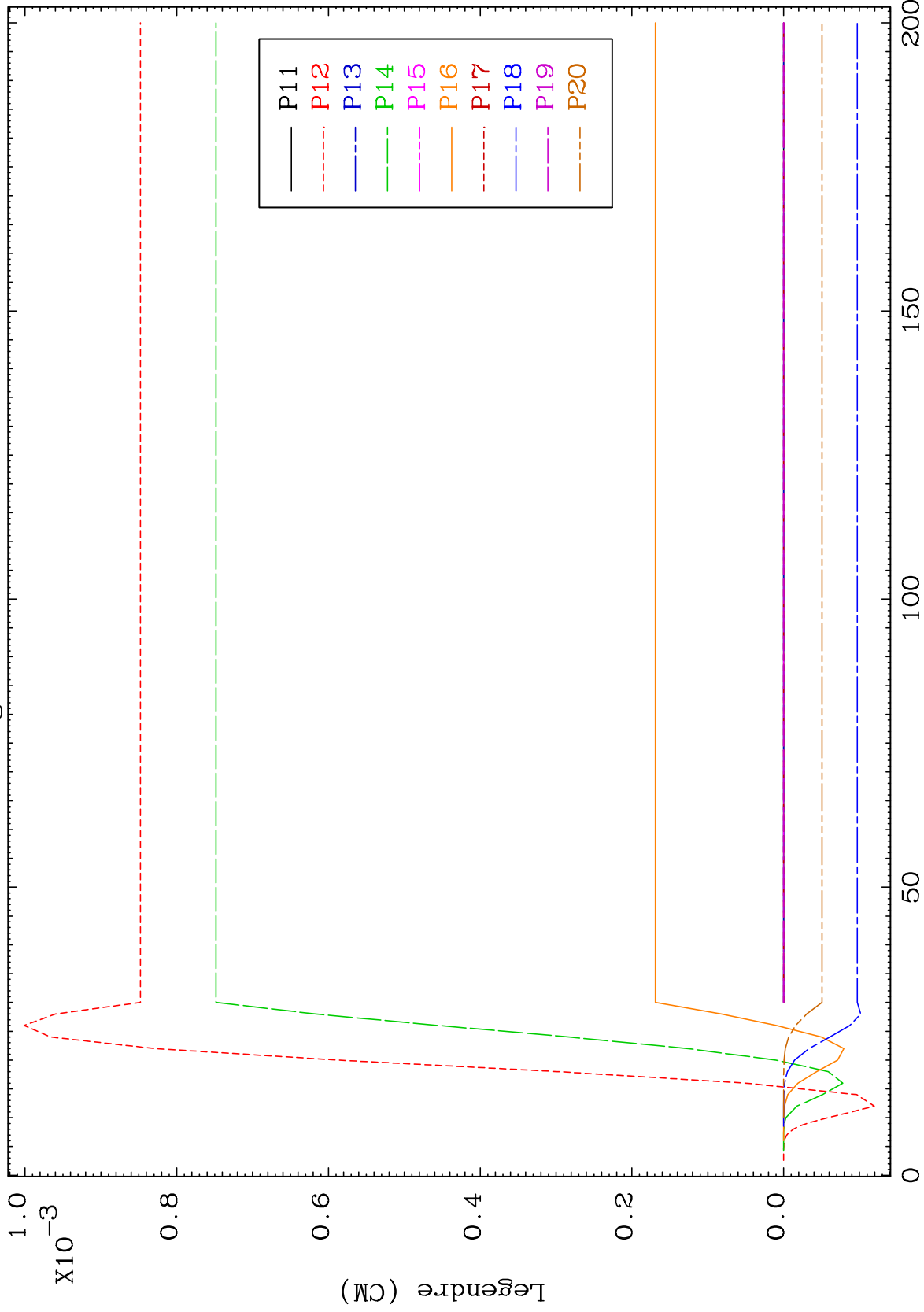
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



66

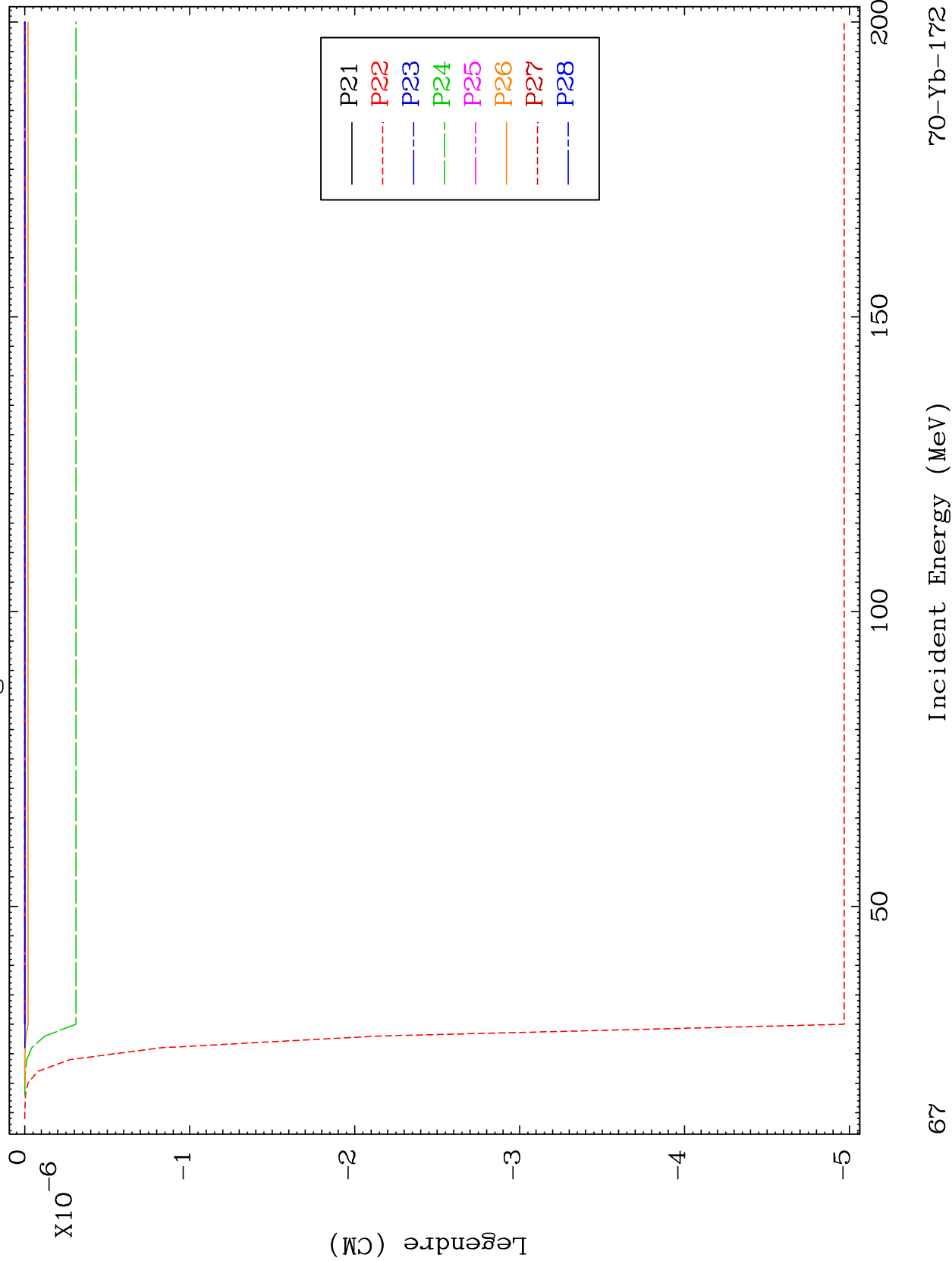
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



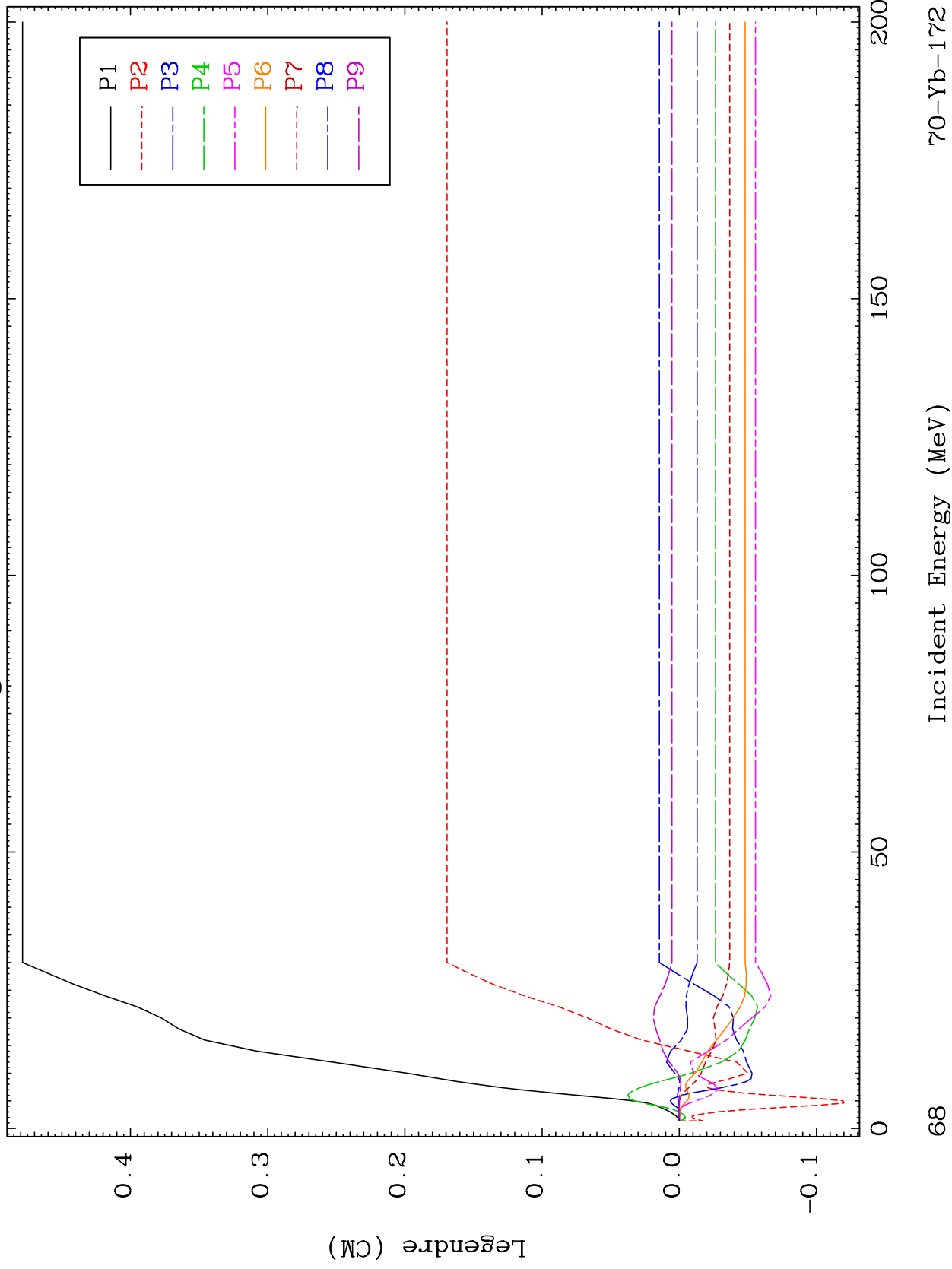
67

70-Yb-172

MAT 7037

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

70-Yb-172



70-Yb-172

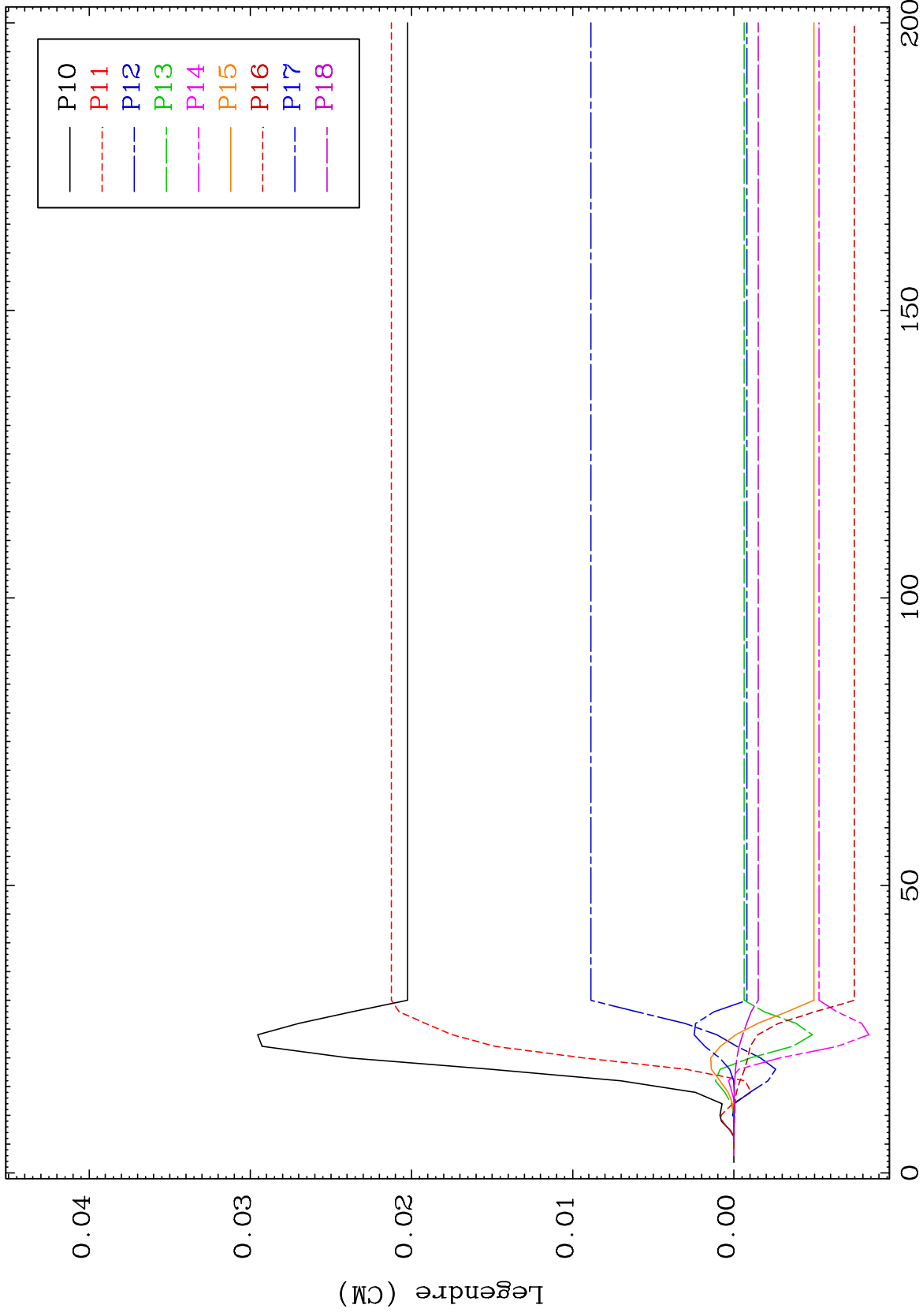
Incident Energy (MeV)

68

MAT 7037

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

70-Yb-172



69

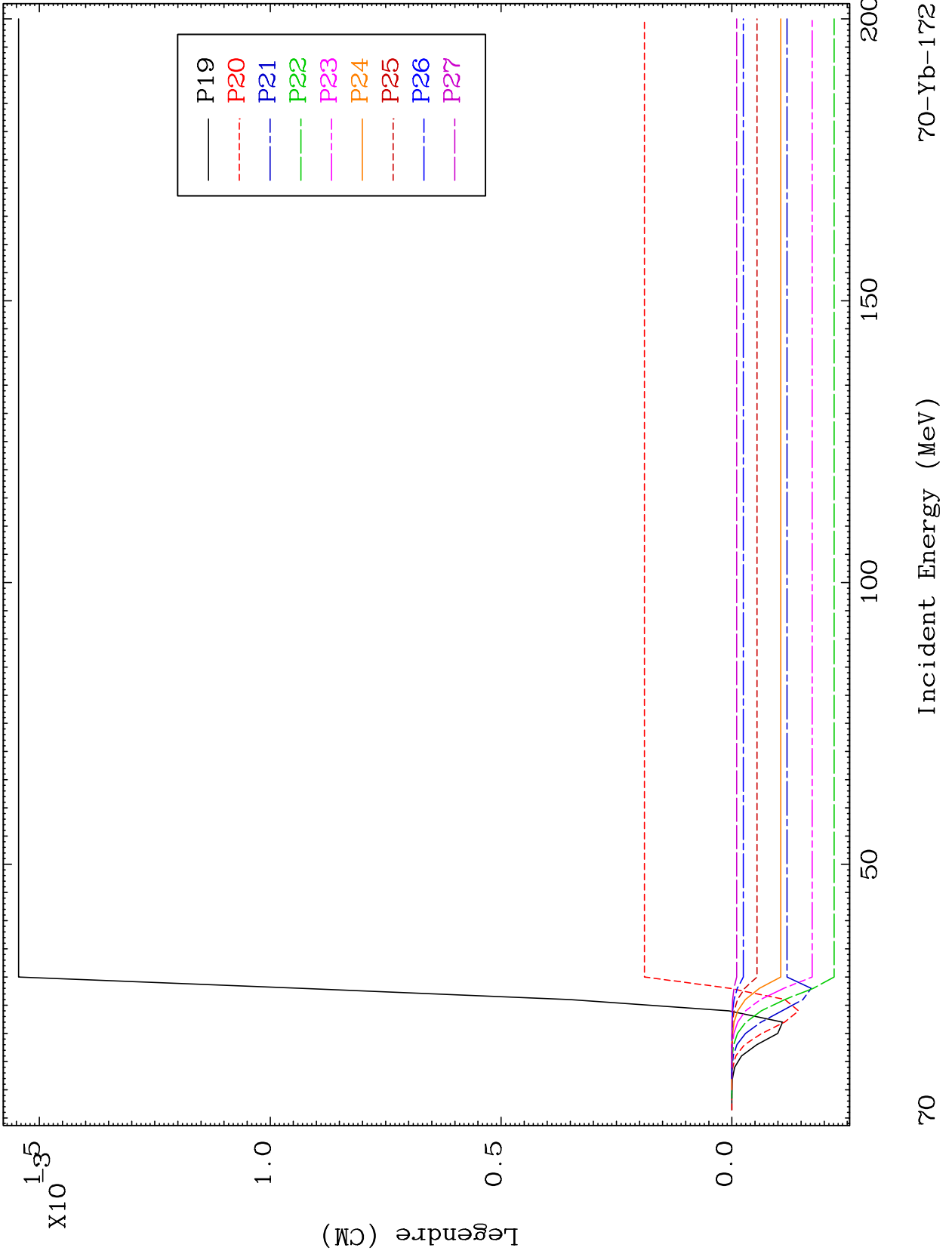
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

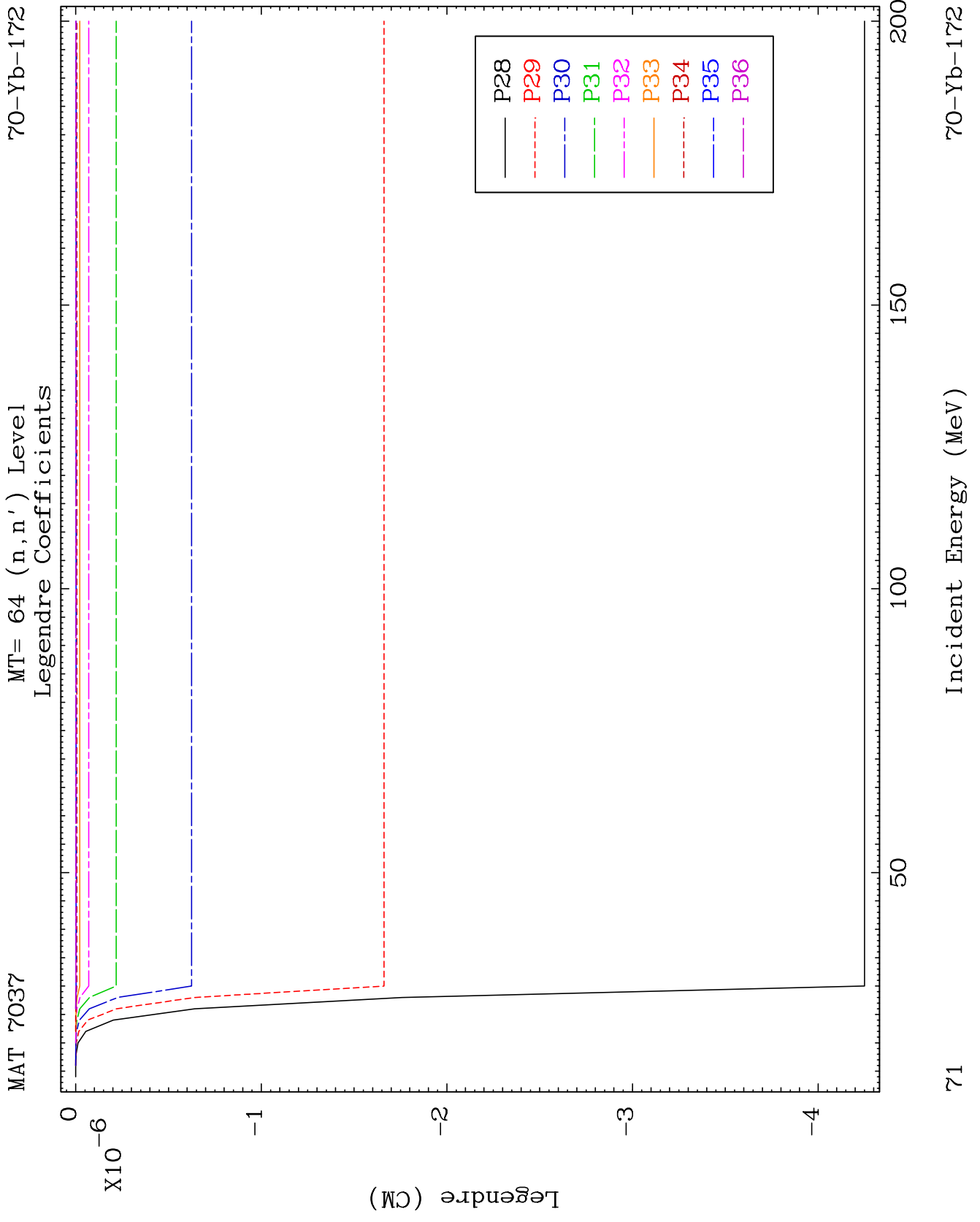
70-Yb-172



70

Incident Energy (MeV)

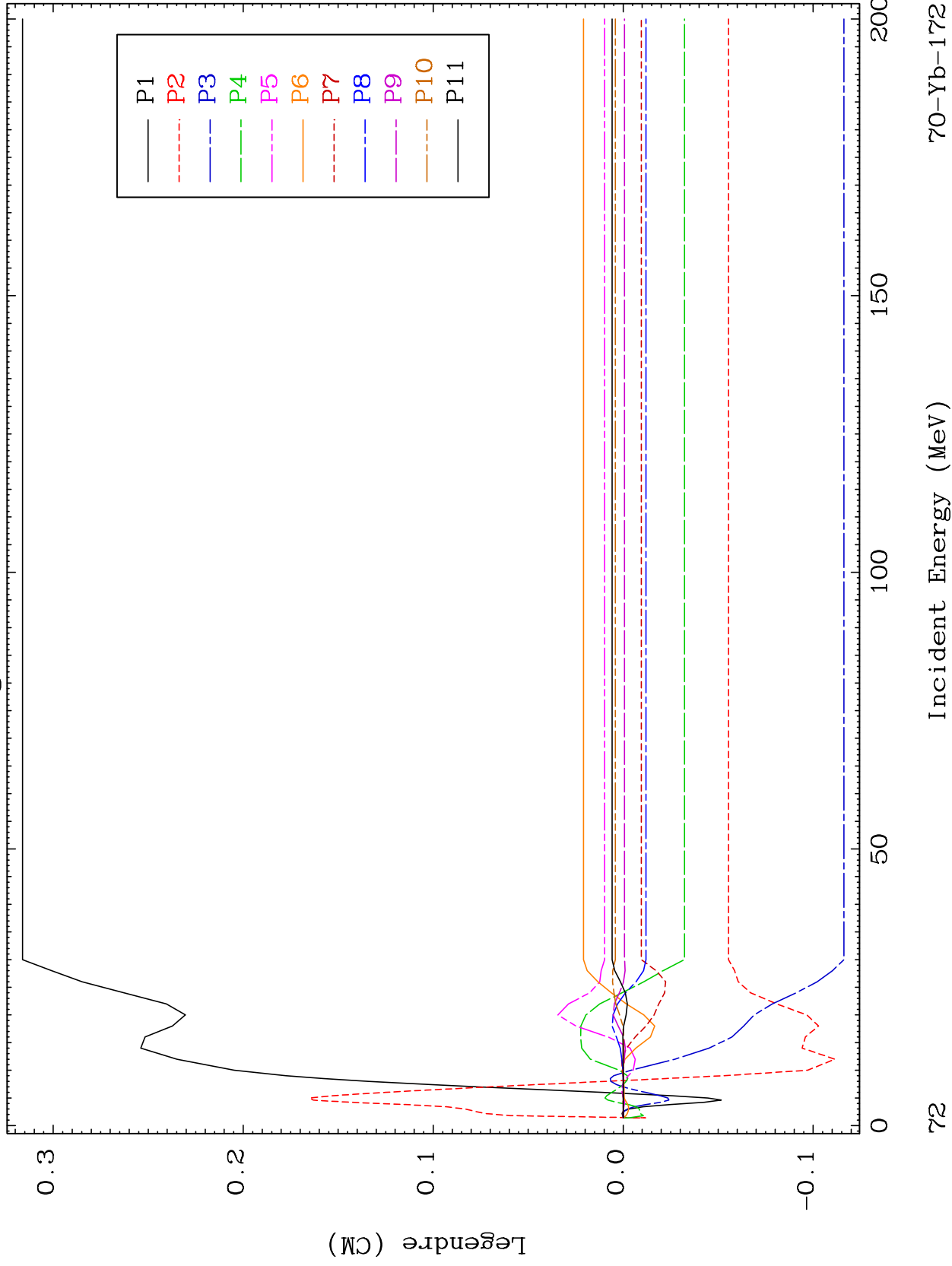
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

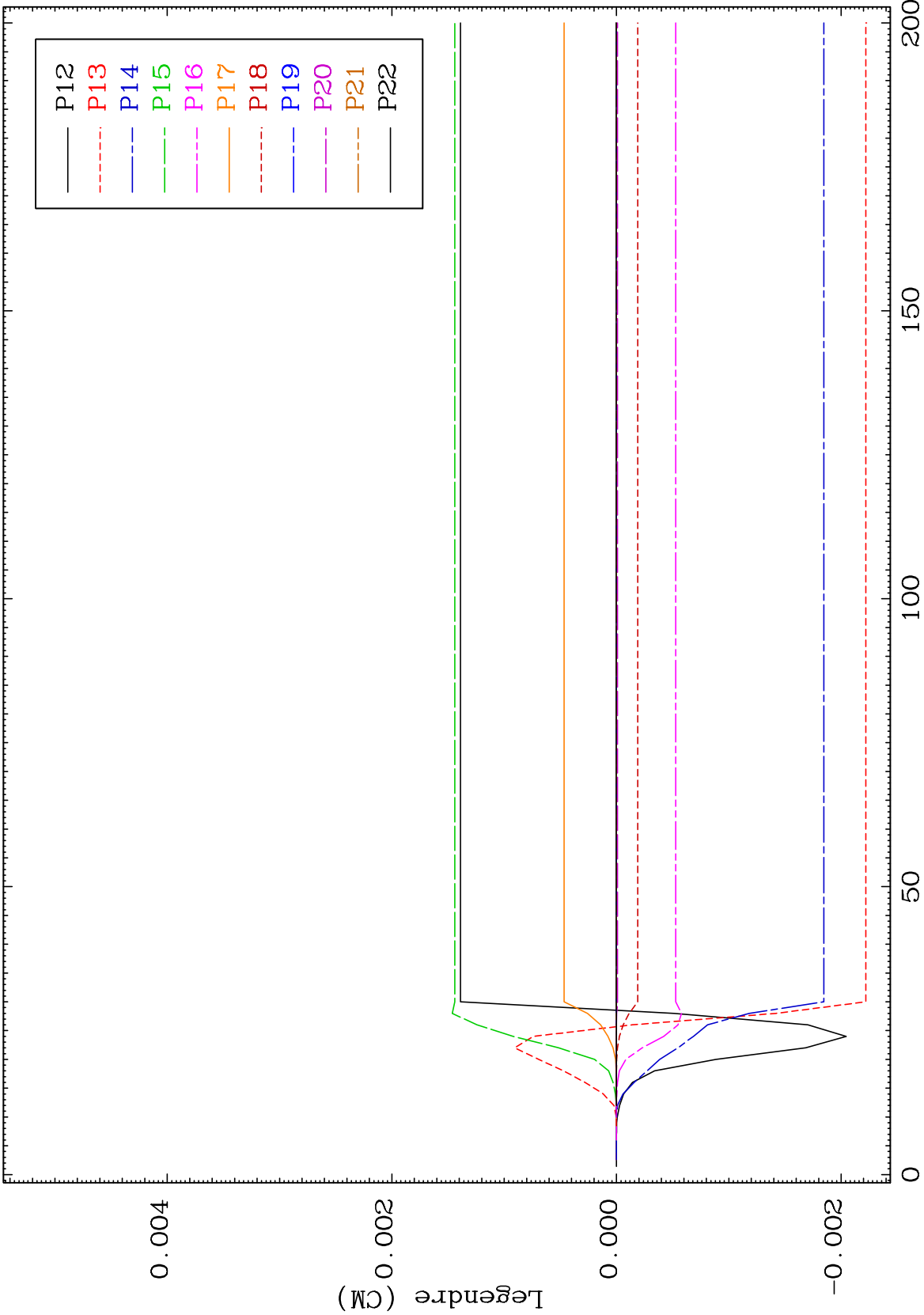
Incident Energy (MeV)

72

MAT 7037

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

70-Yb-172



73

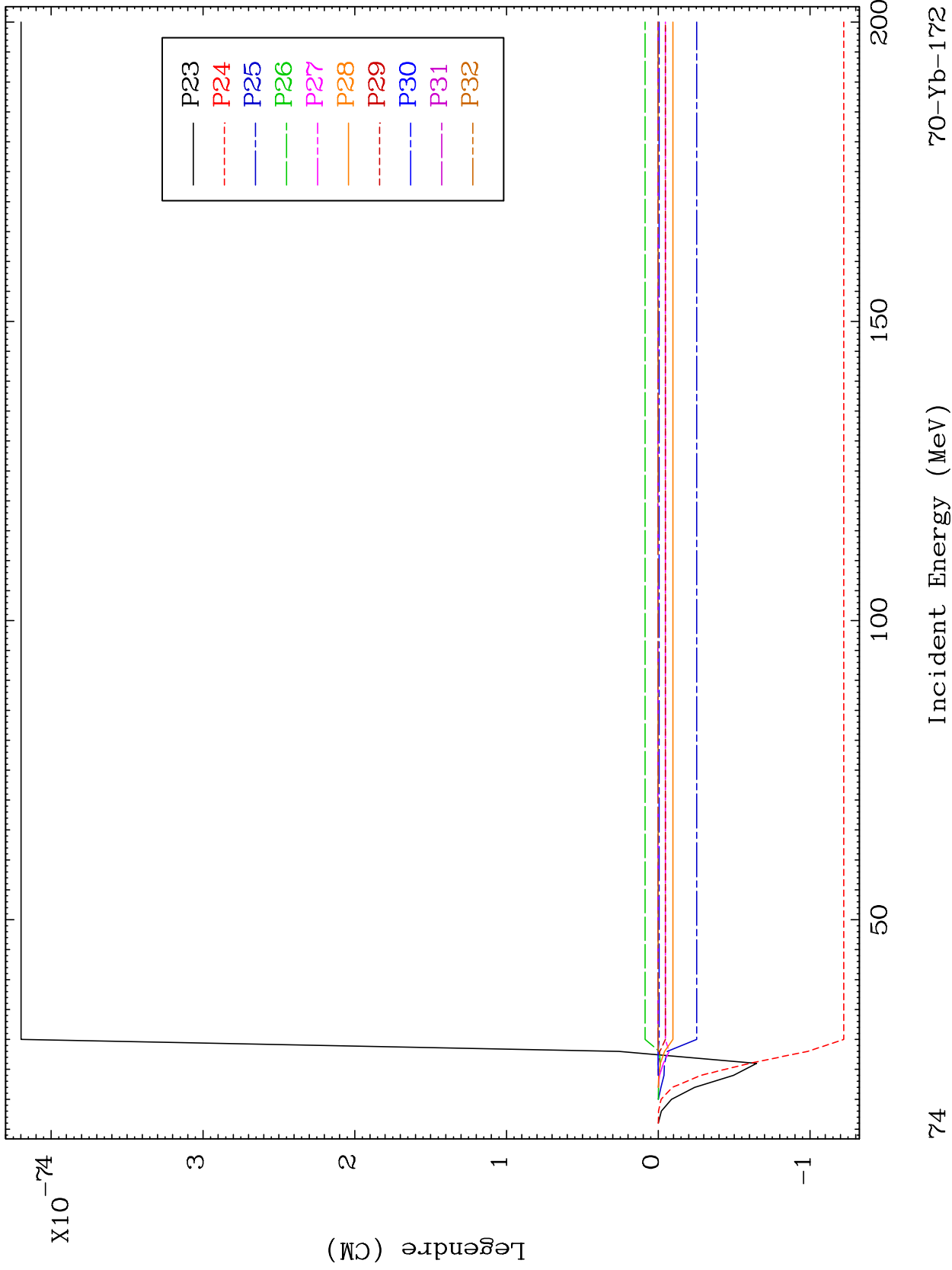
Incident Energy (MeV)

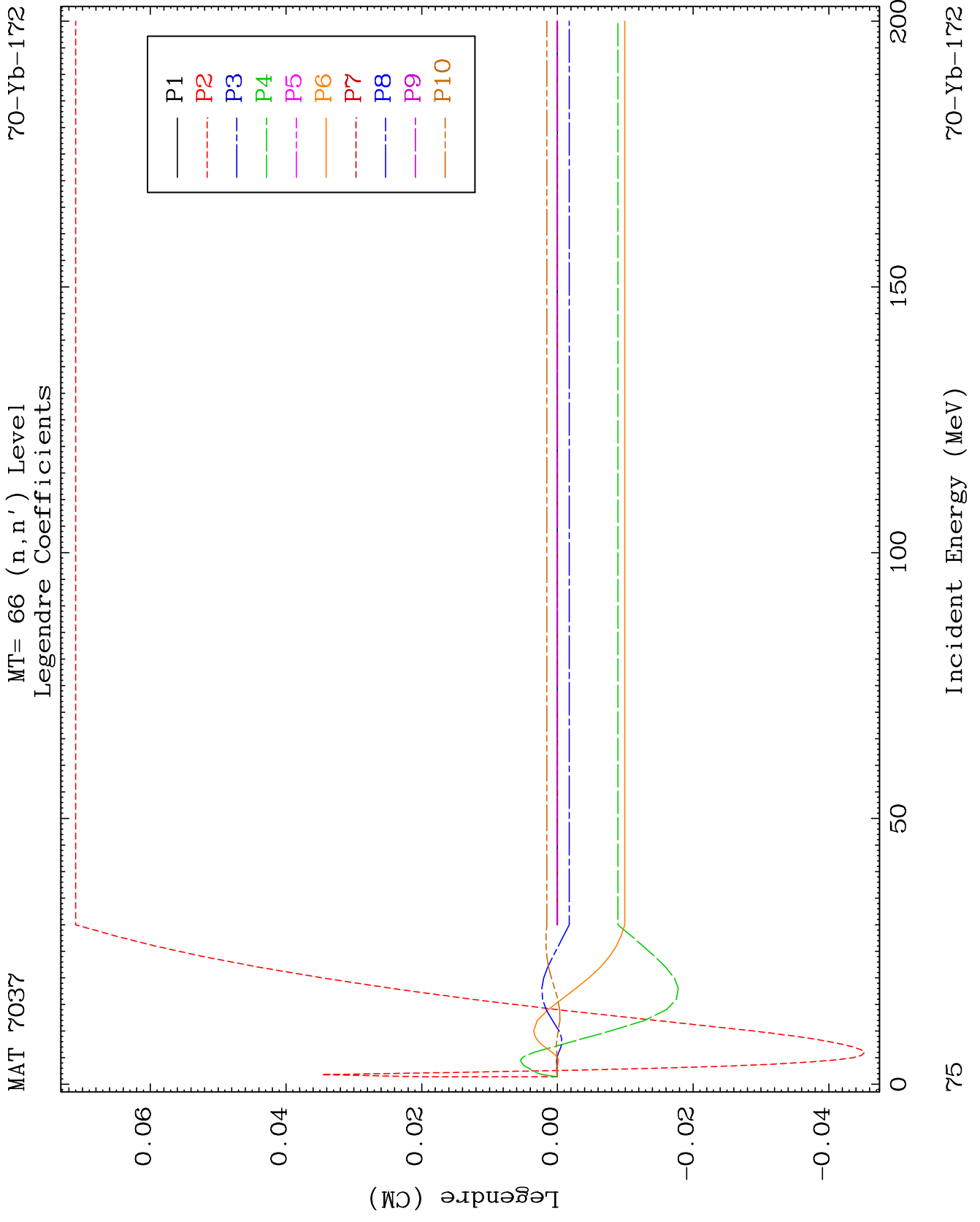
70-Yb-172

MAT 7037

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

70-Yb-172

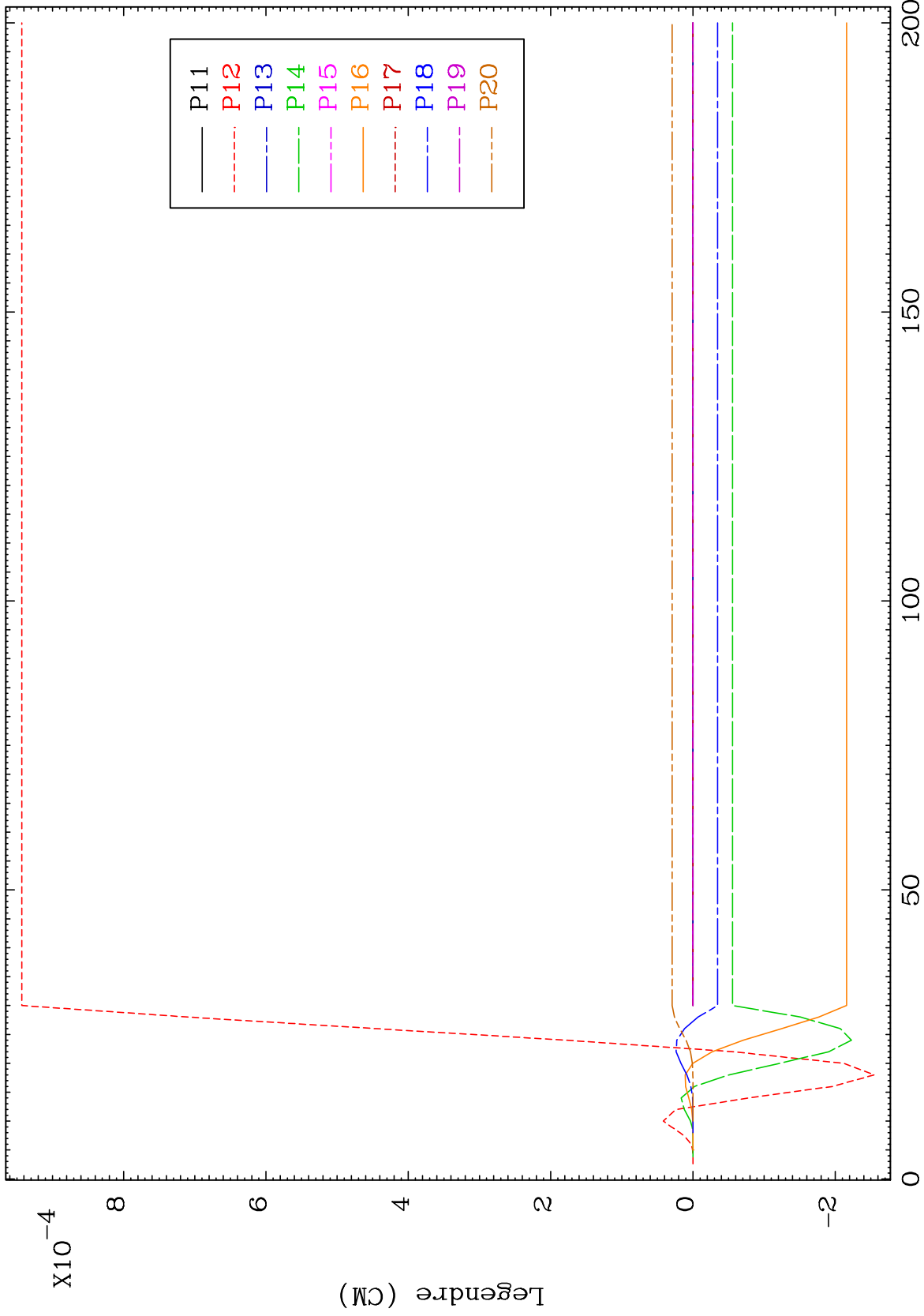




MAT 7037

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

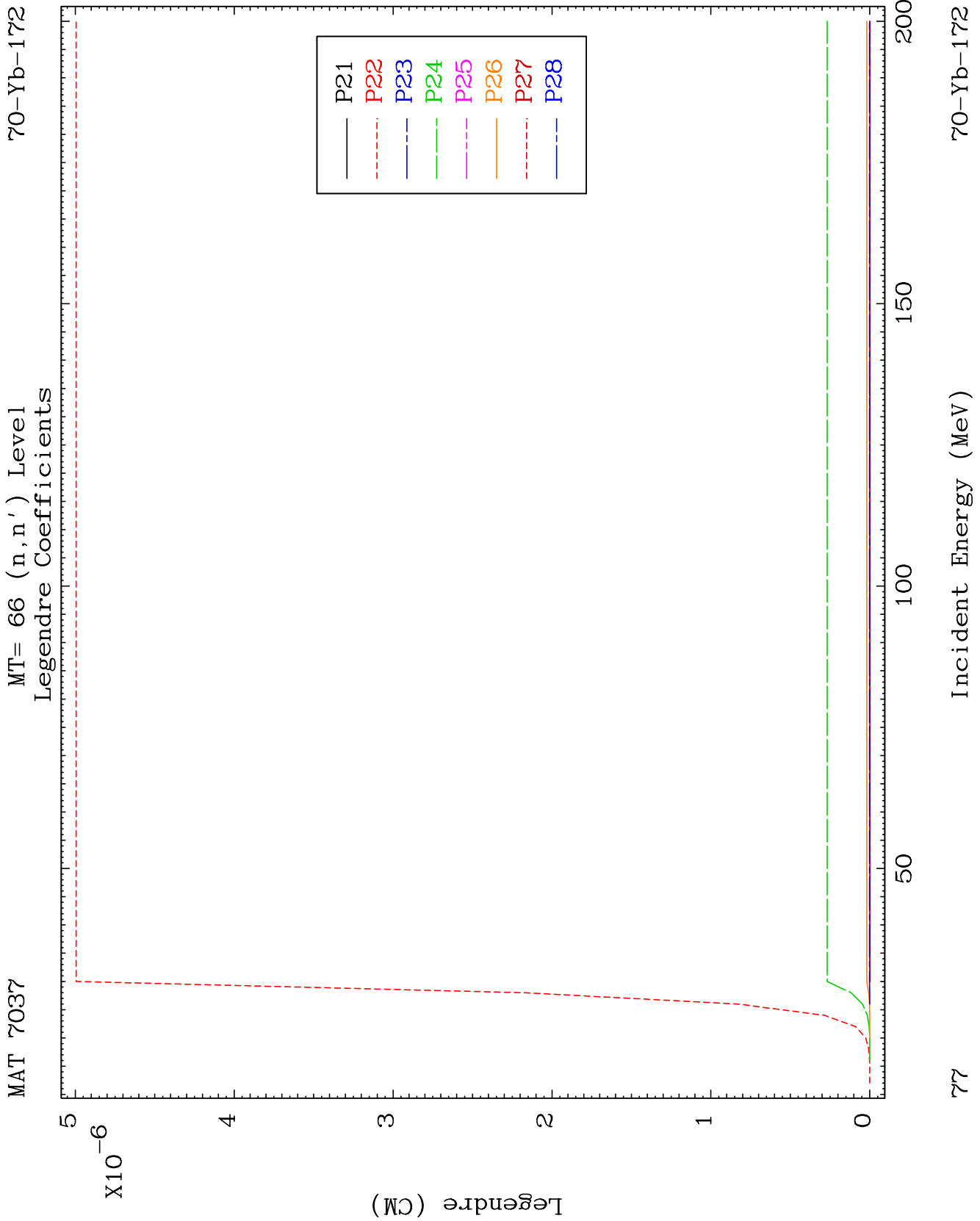
70-Yb-172

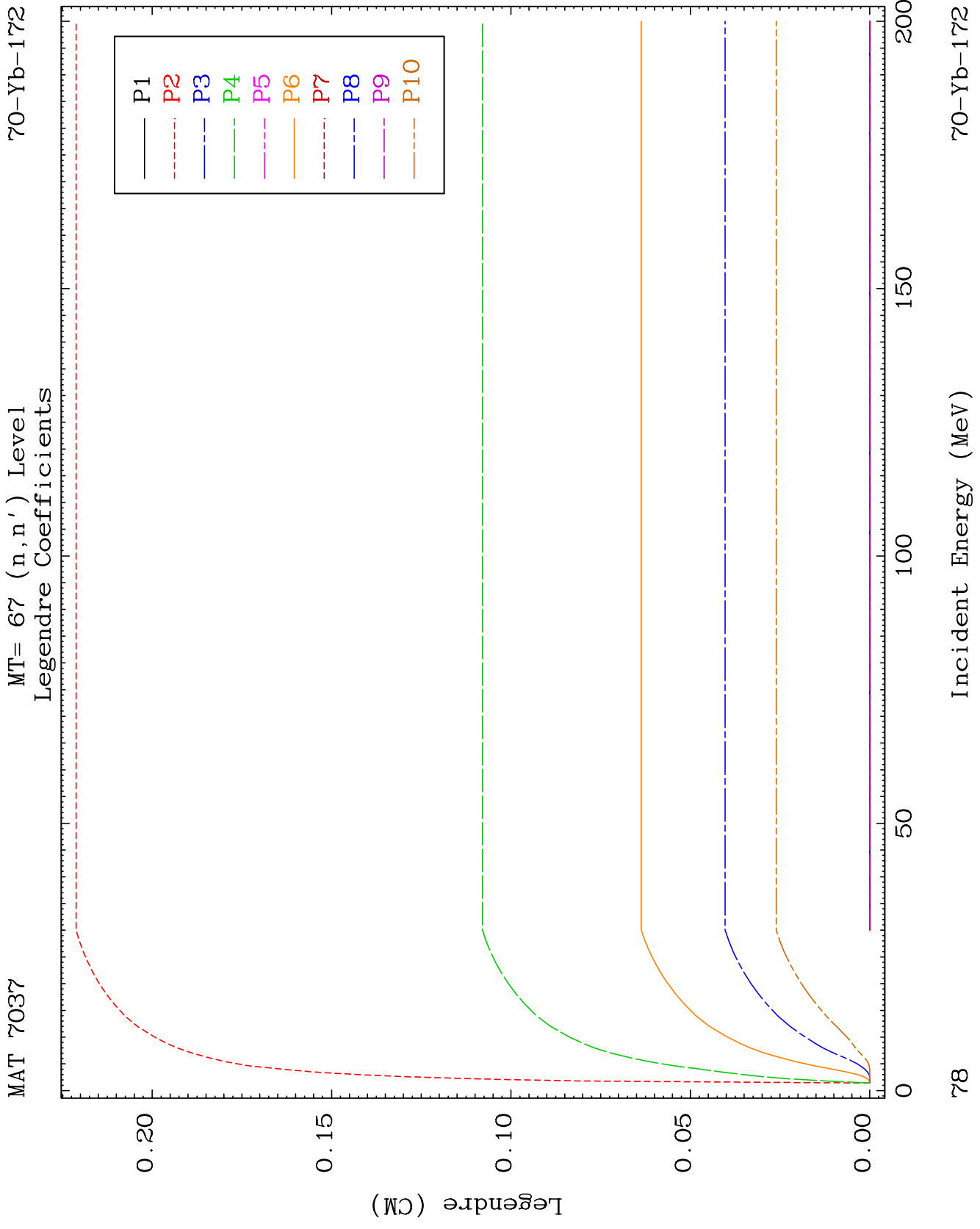


76

Incident Energy (MeV)

70-Yb-172

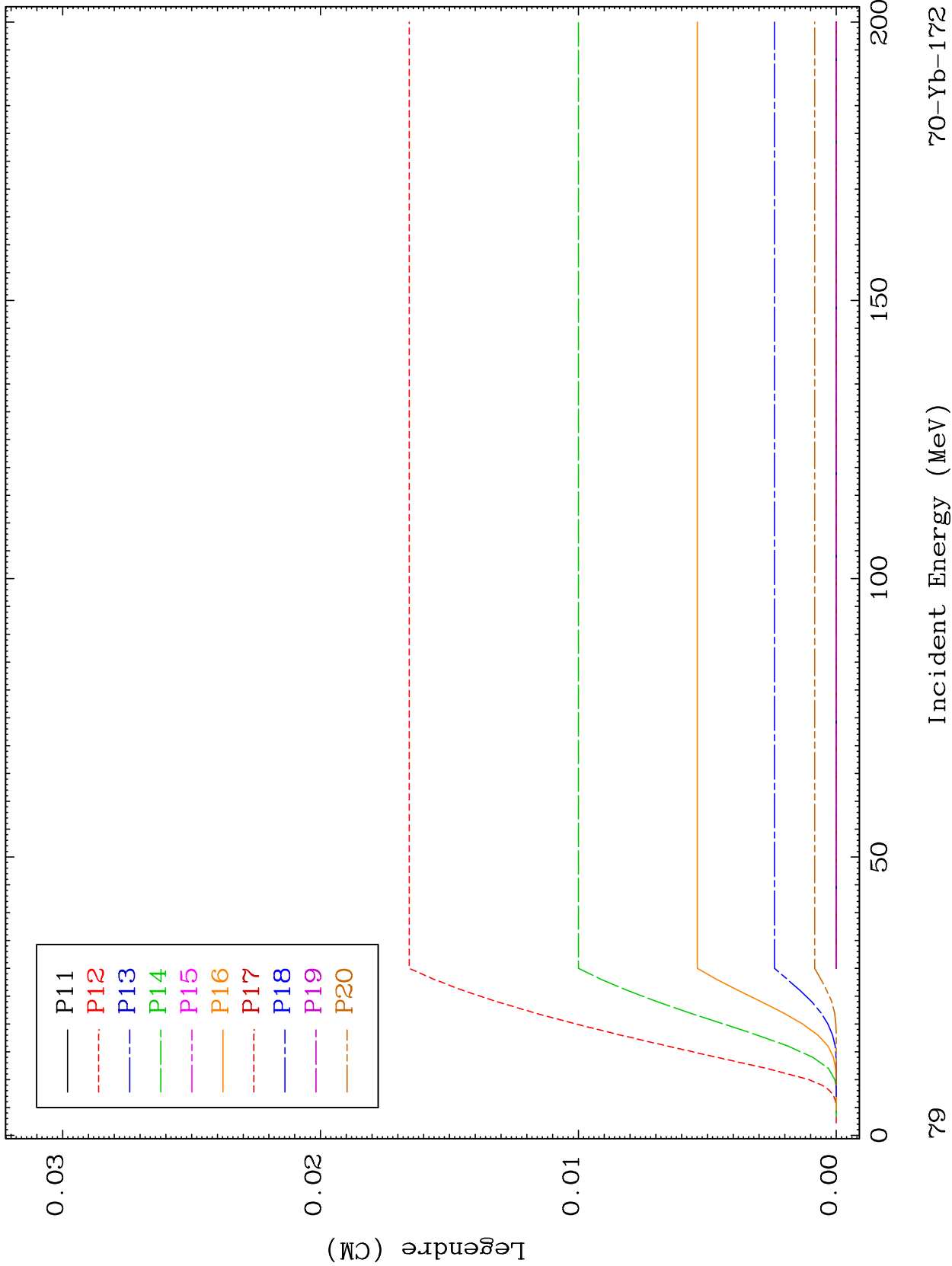




MAT 7037

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

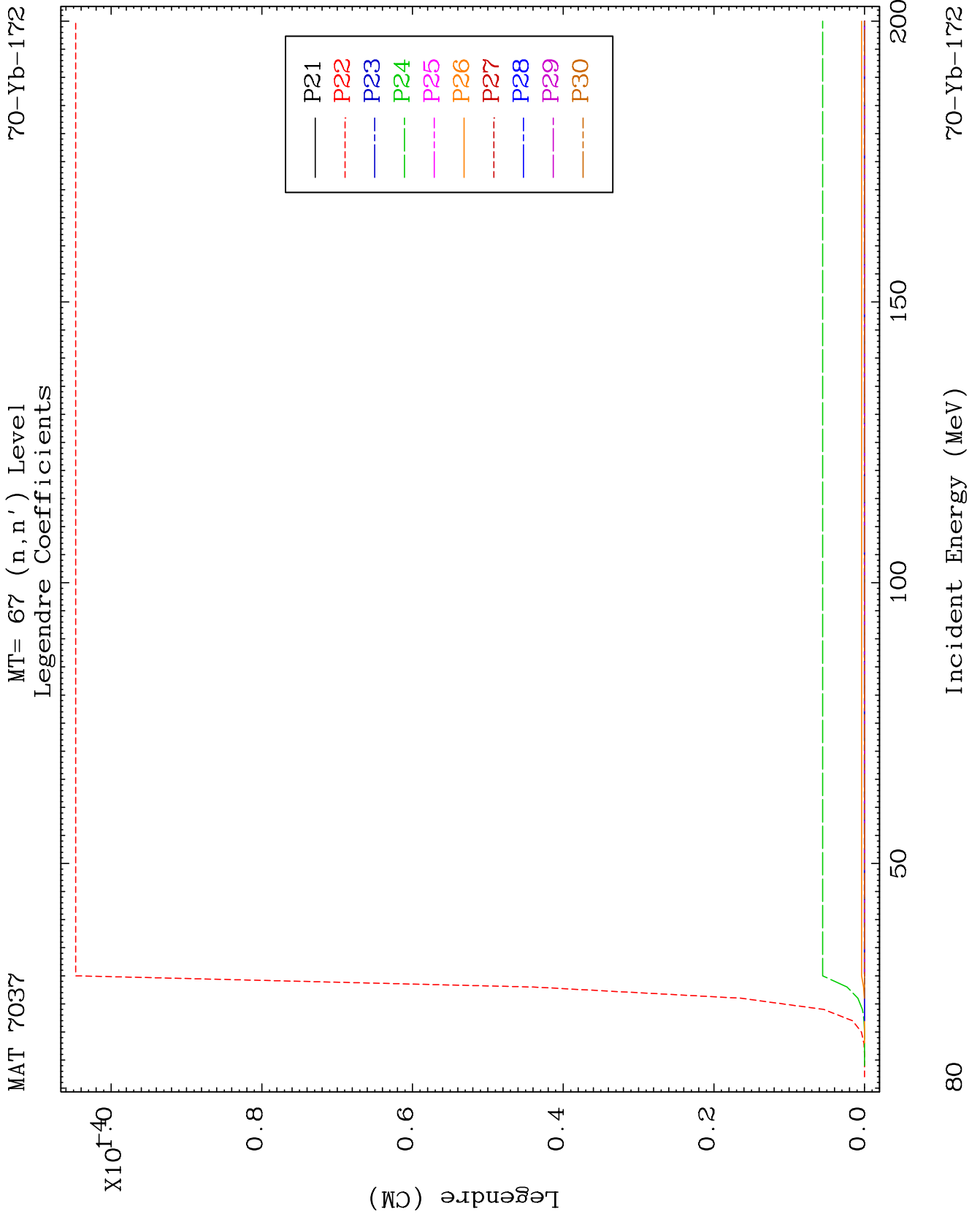
70-Yb-172



79

Incident Energy (MeV)

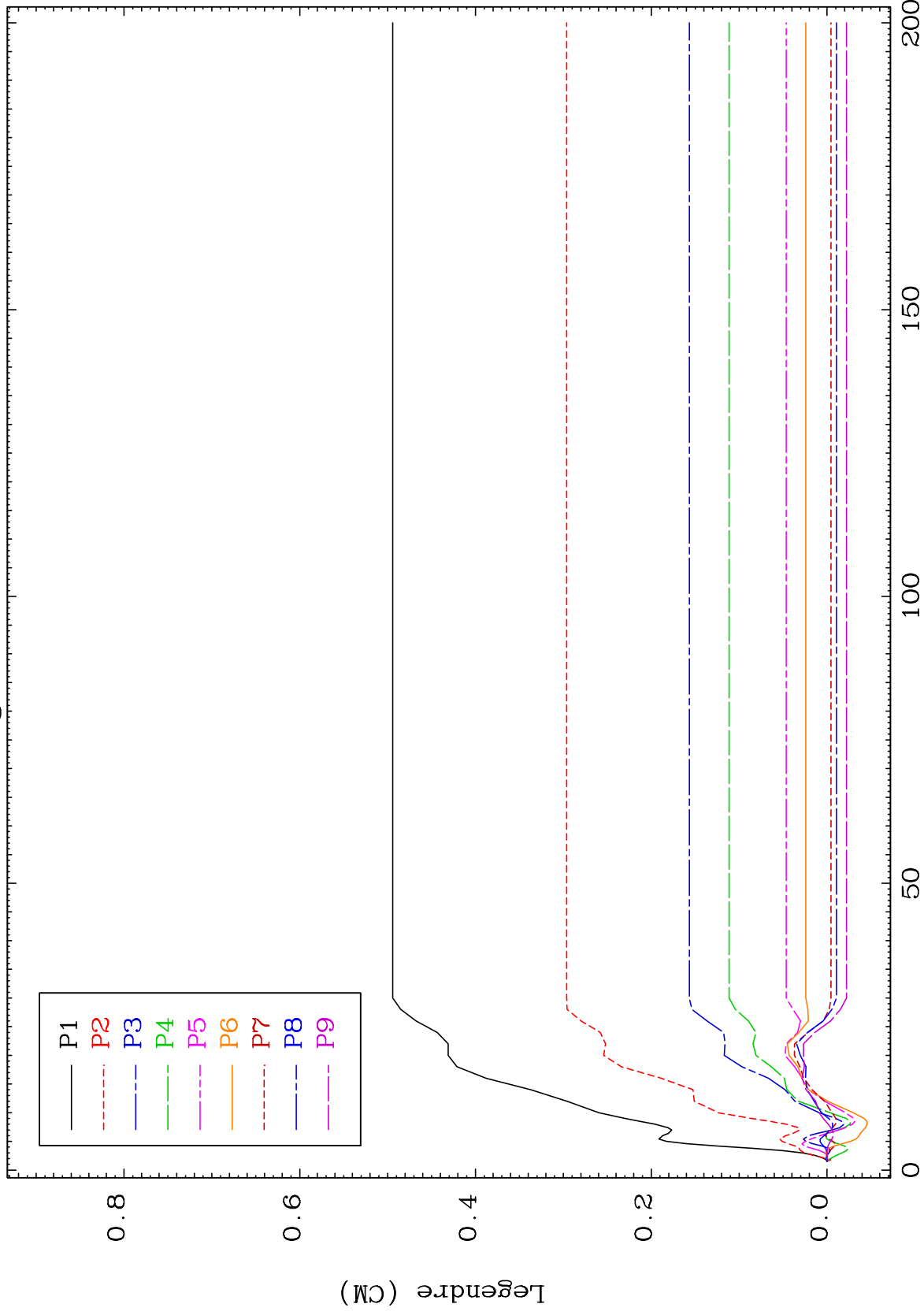
70-Yb-172



MAT 7037

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

70-Yb-172



81

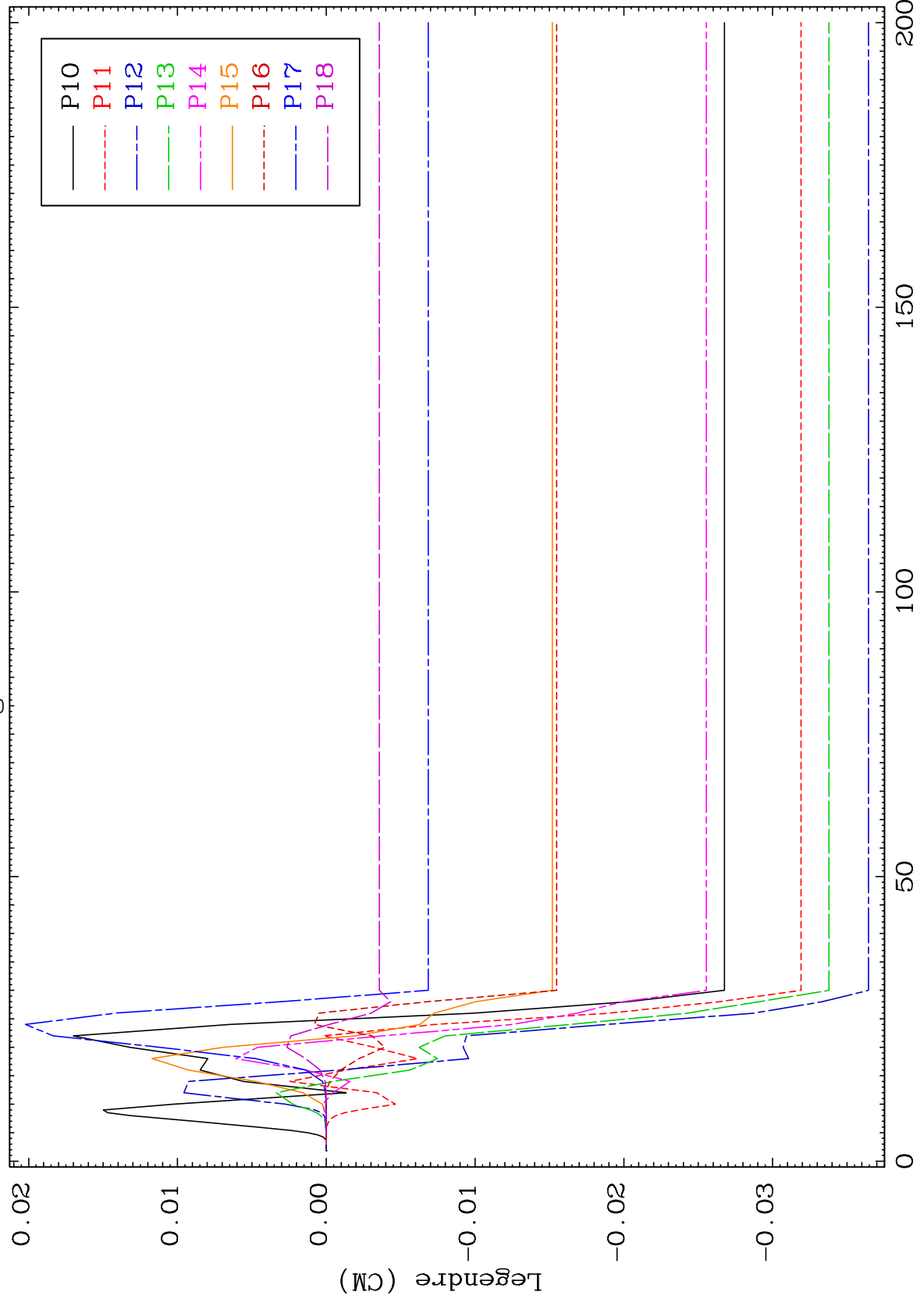
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



82

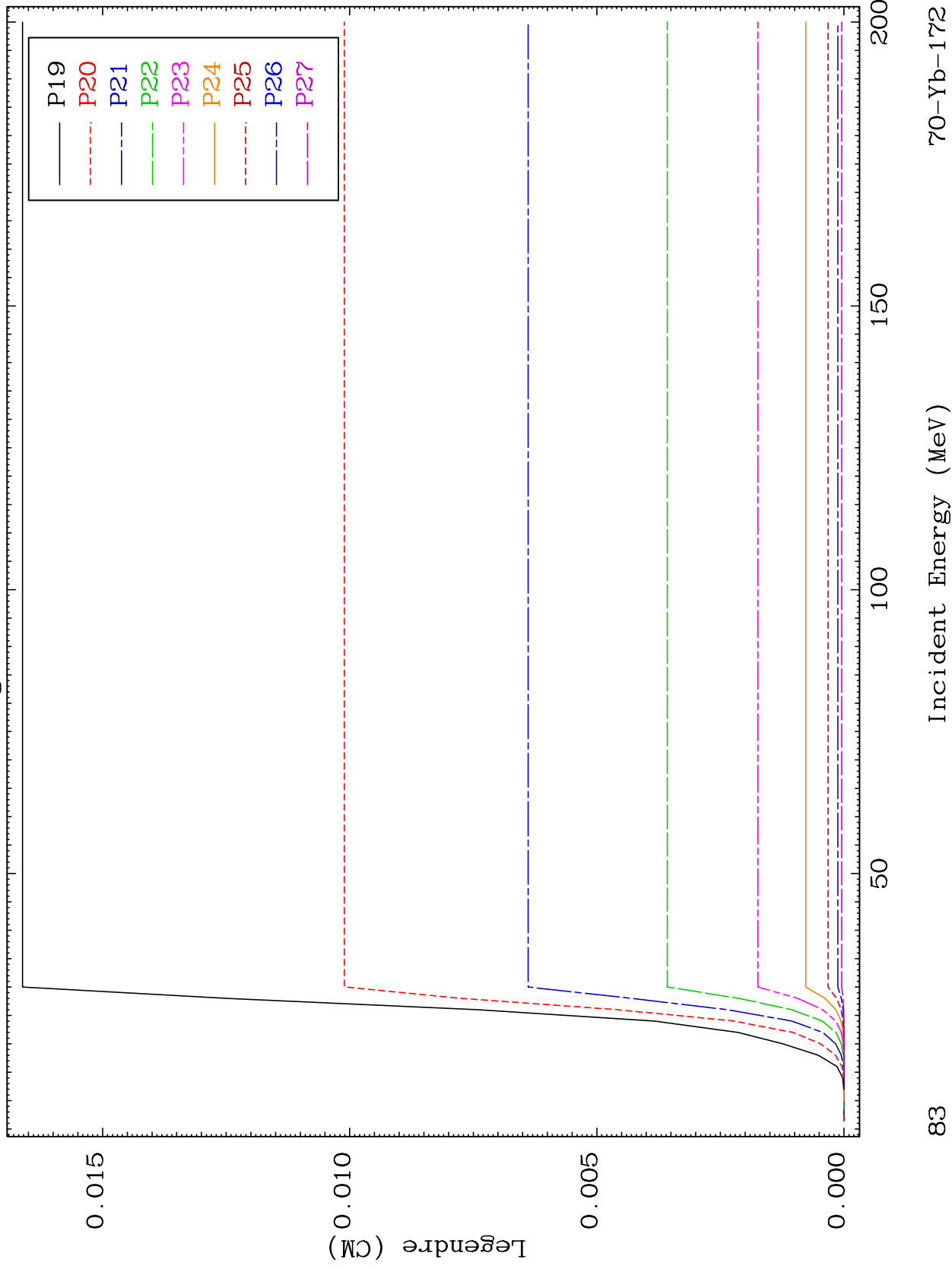
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



83

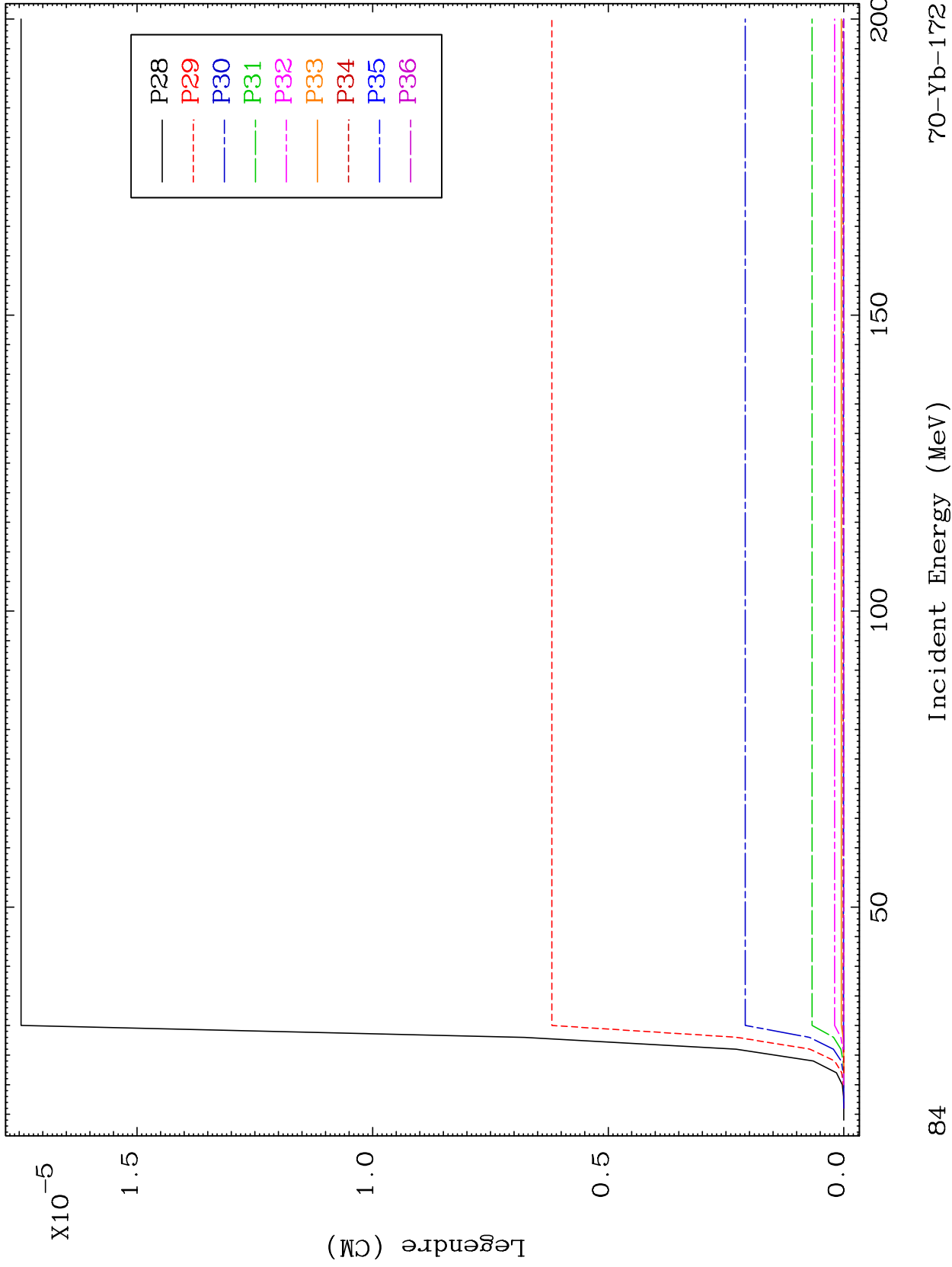
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



84

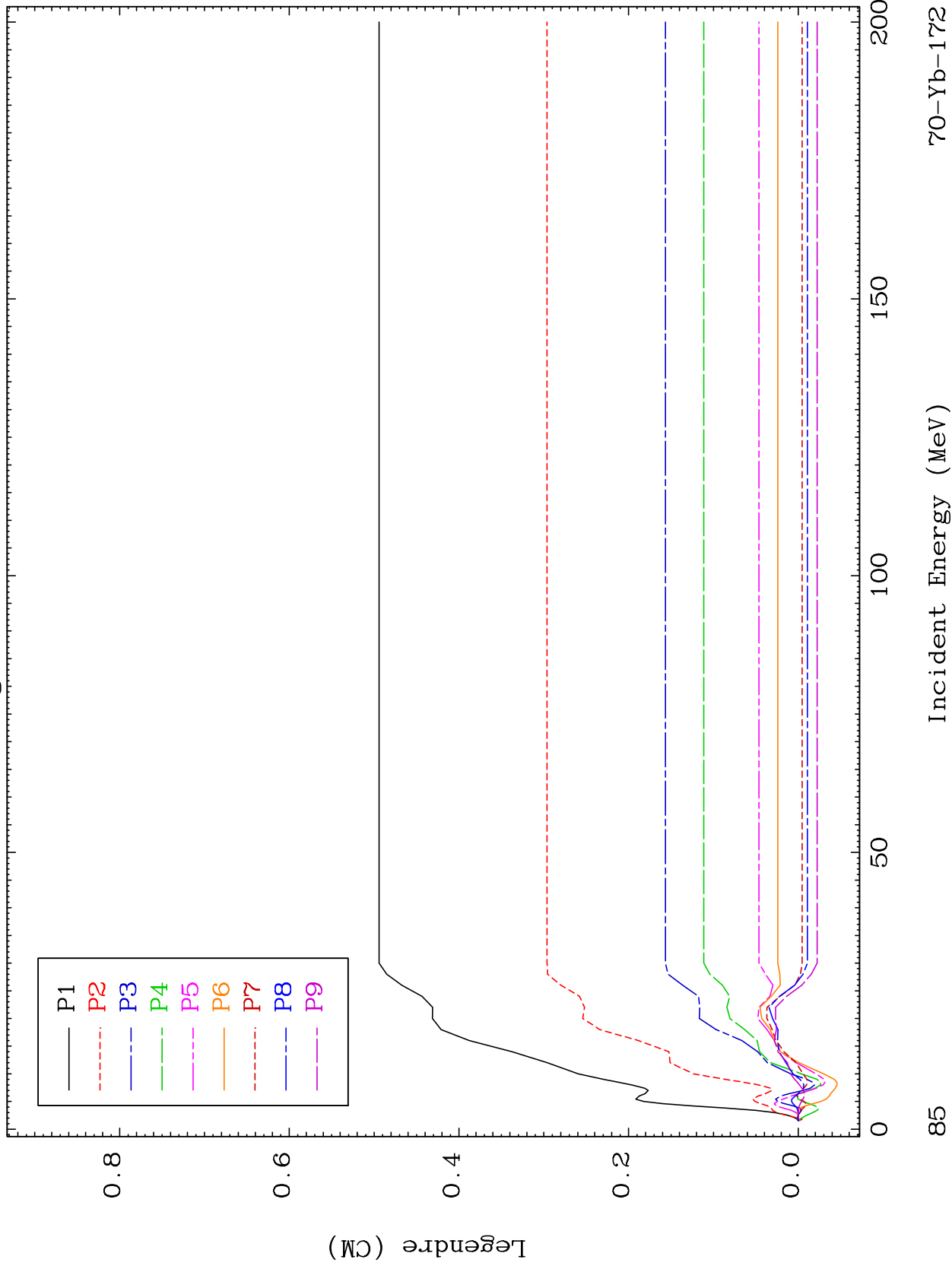
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



70-Yb-172

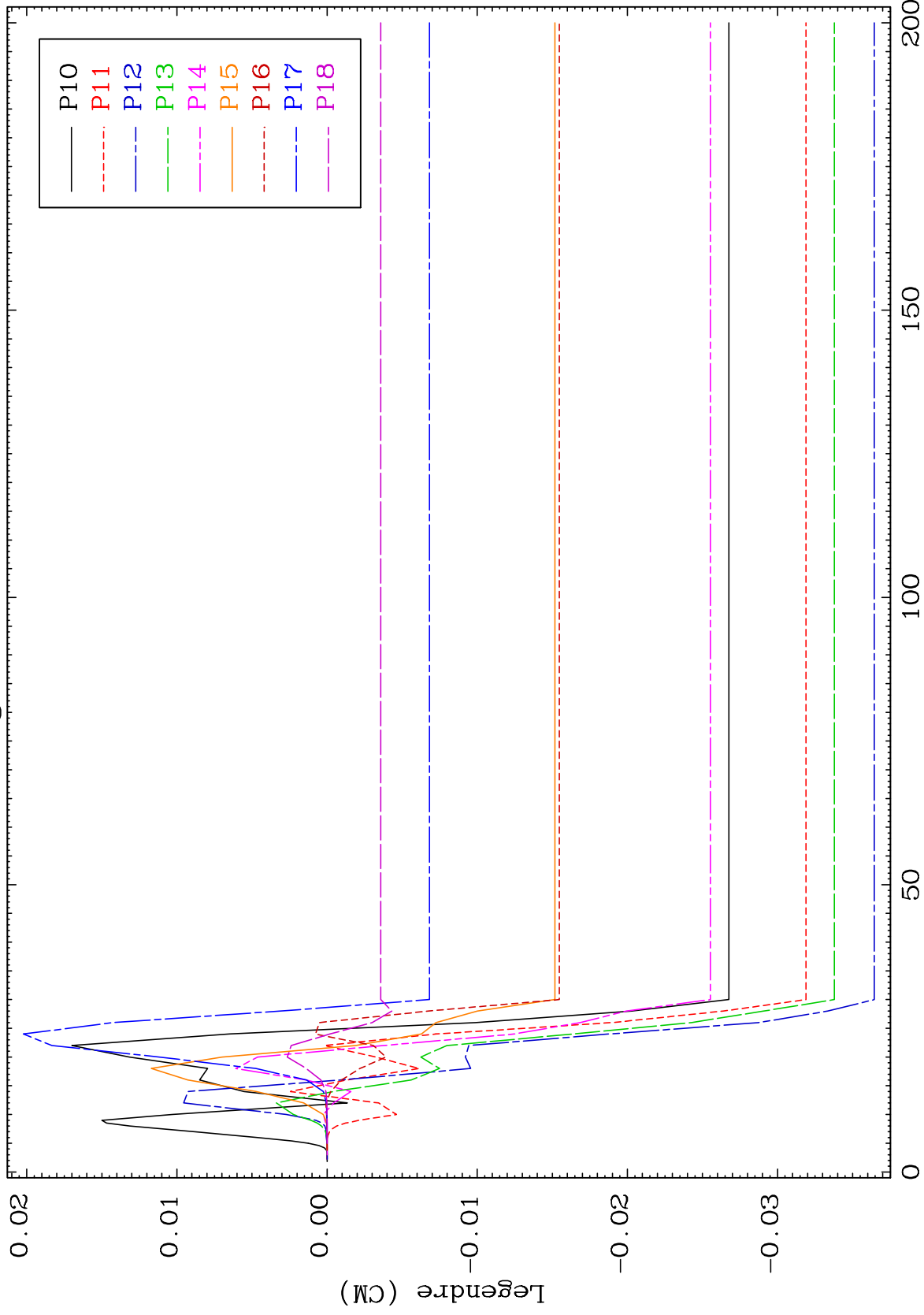
Incident Energy (MeV)

85

MAT 7037

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

70-Yb-172



86

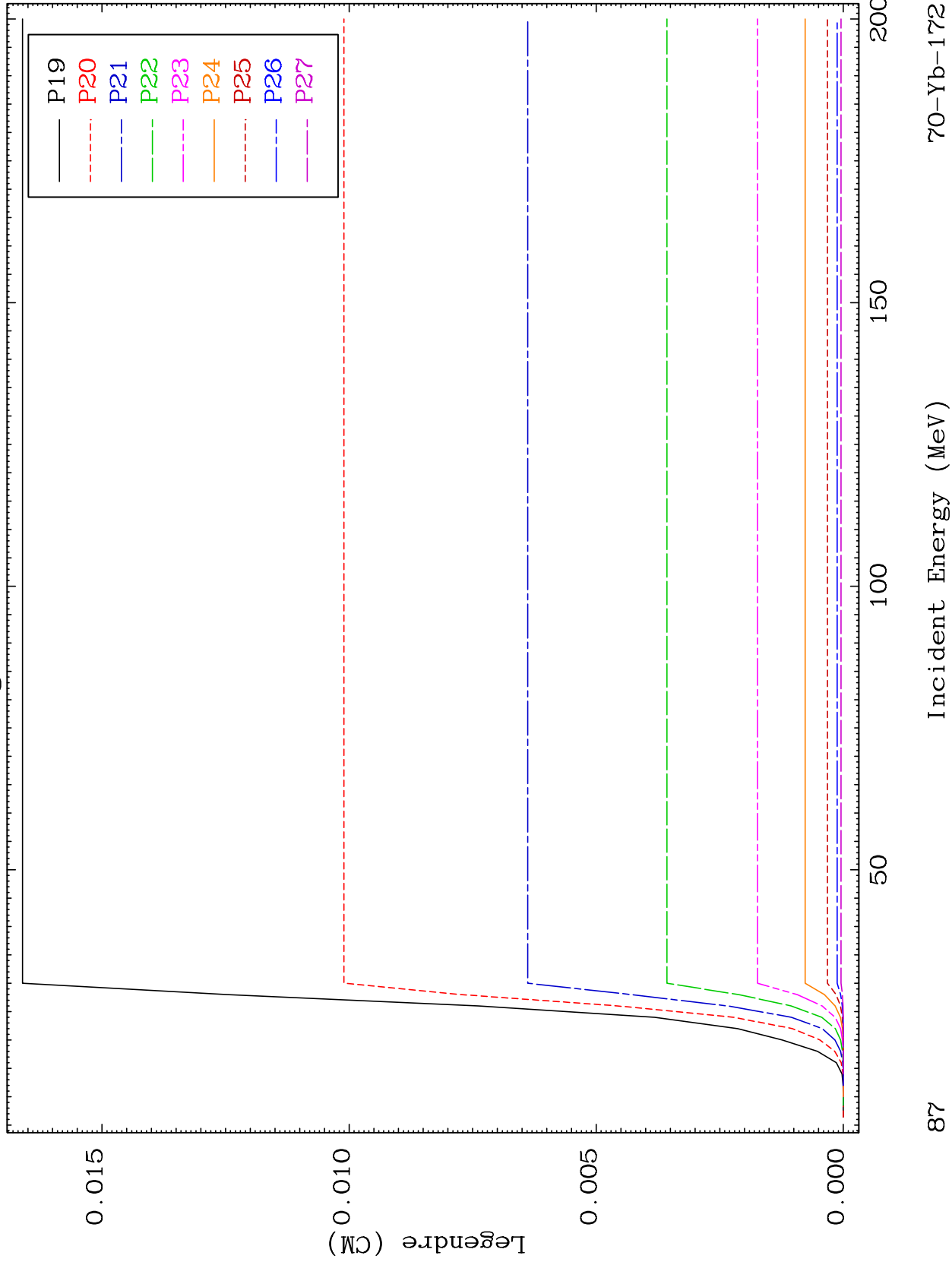
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



87

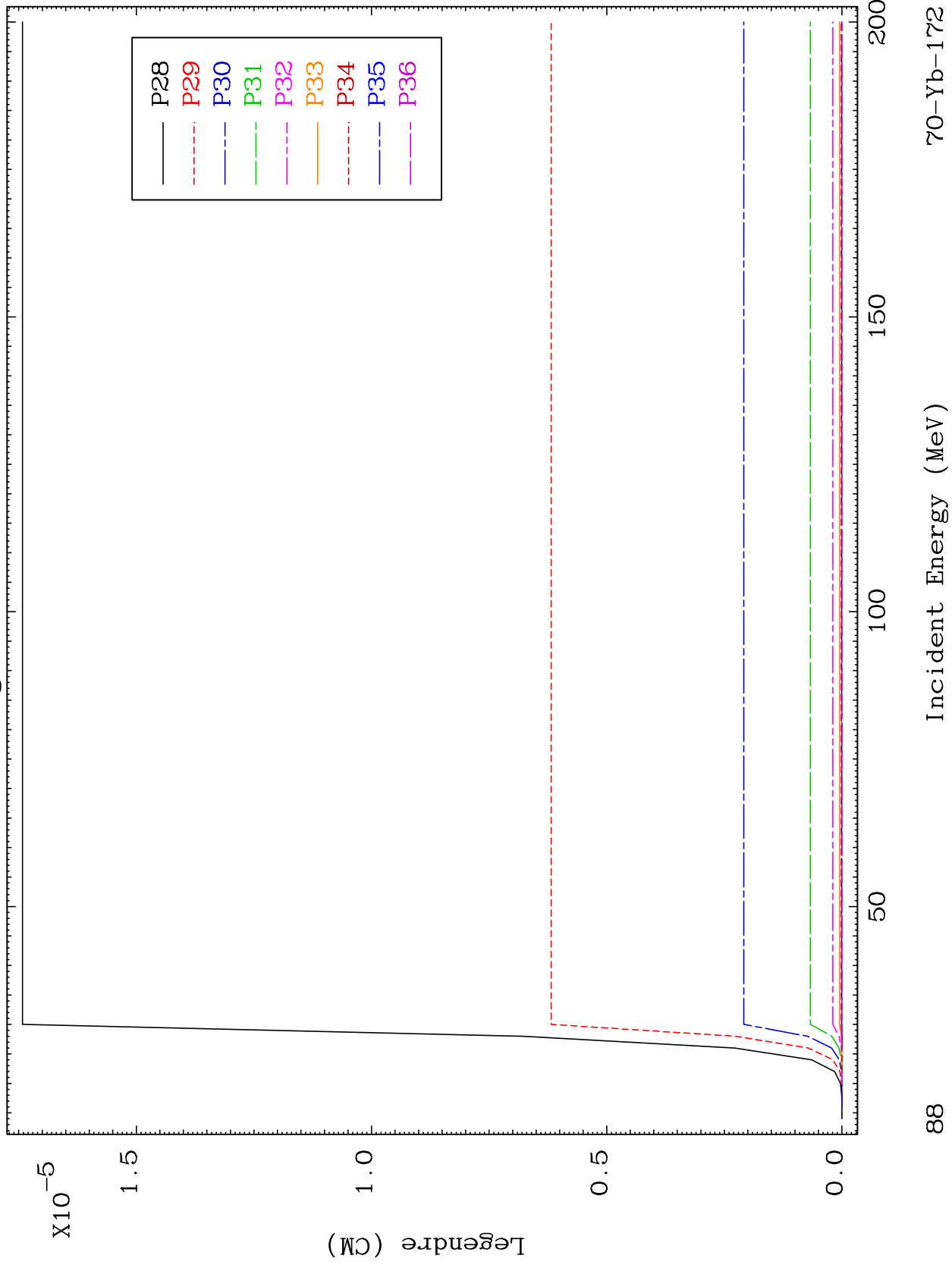
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

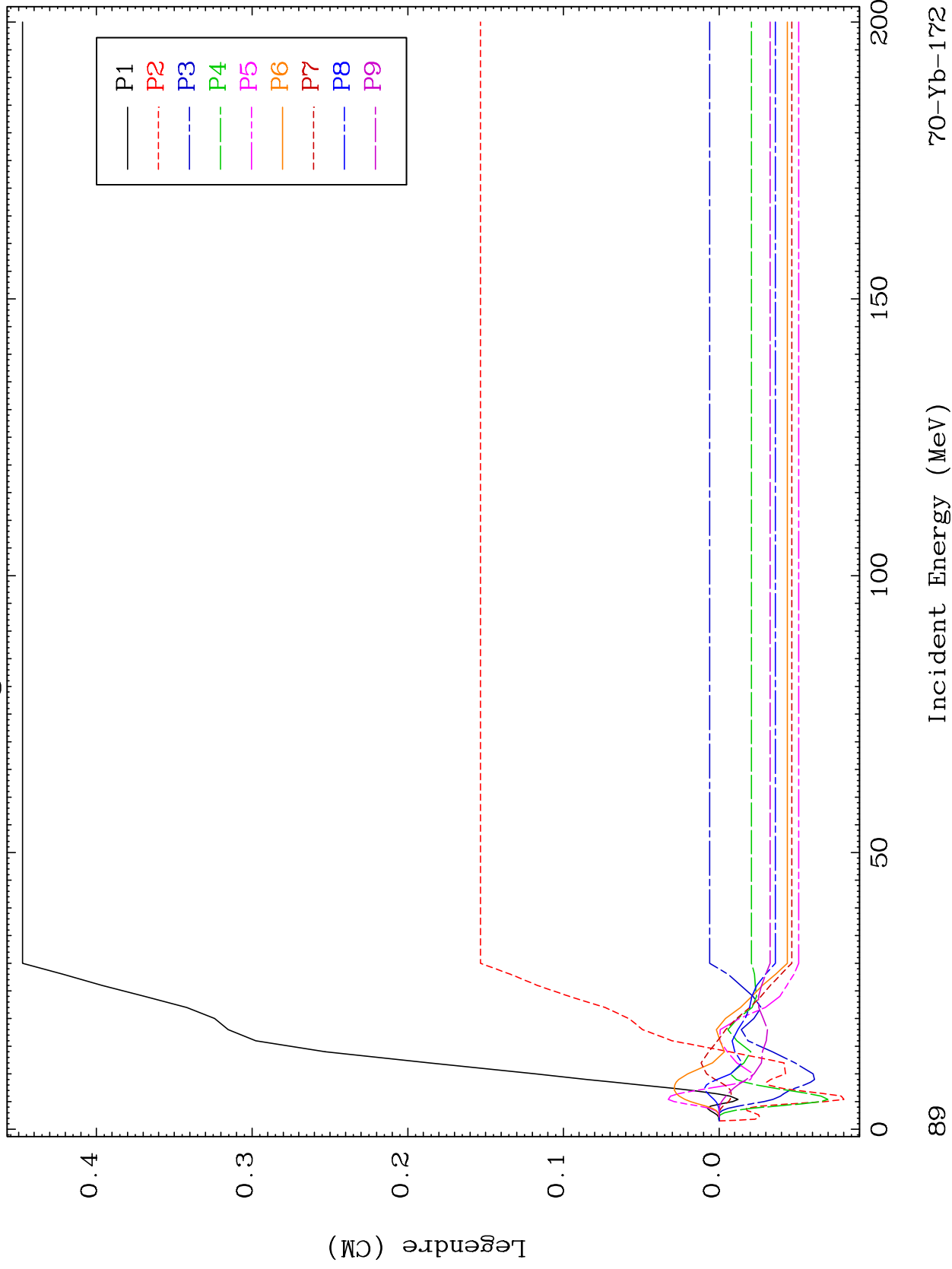
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

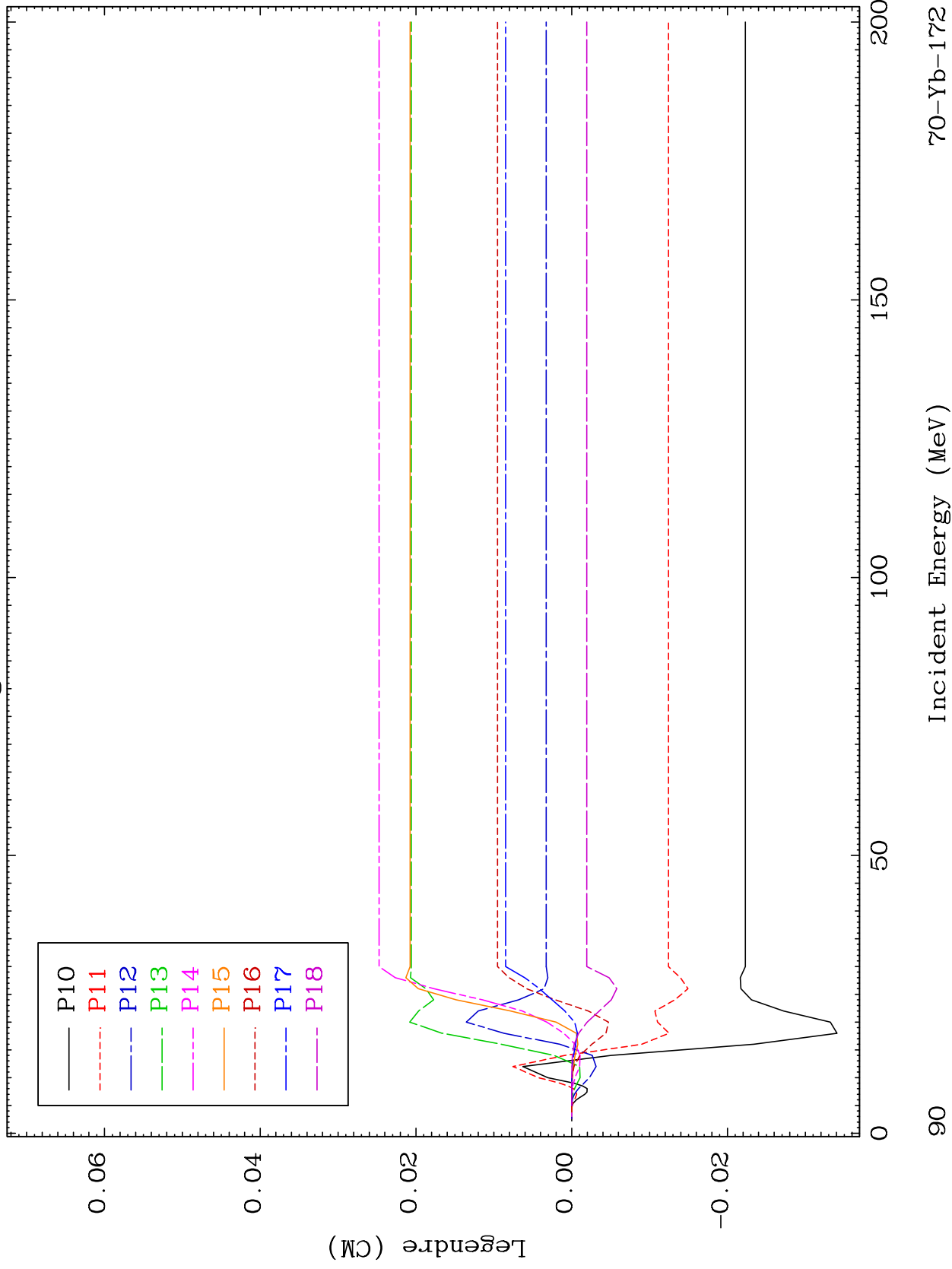
Incident Energy (MeV)

89

MAT 7037

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

70-Yb-172



70-Yb-172

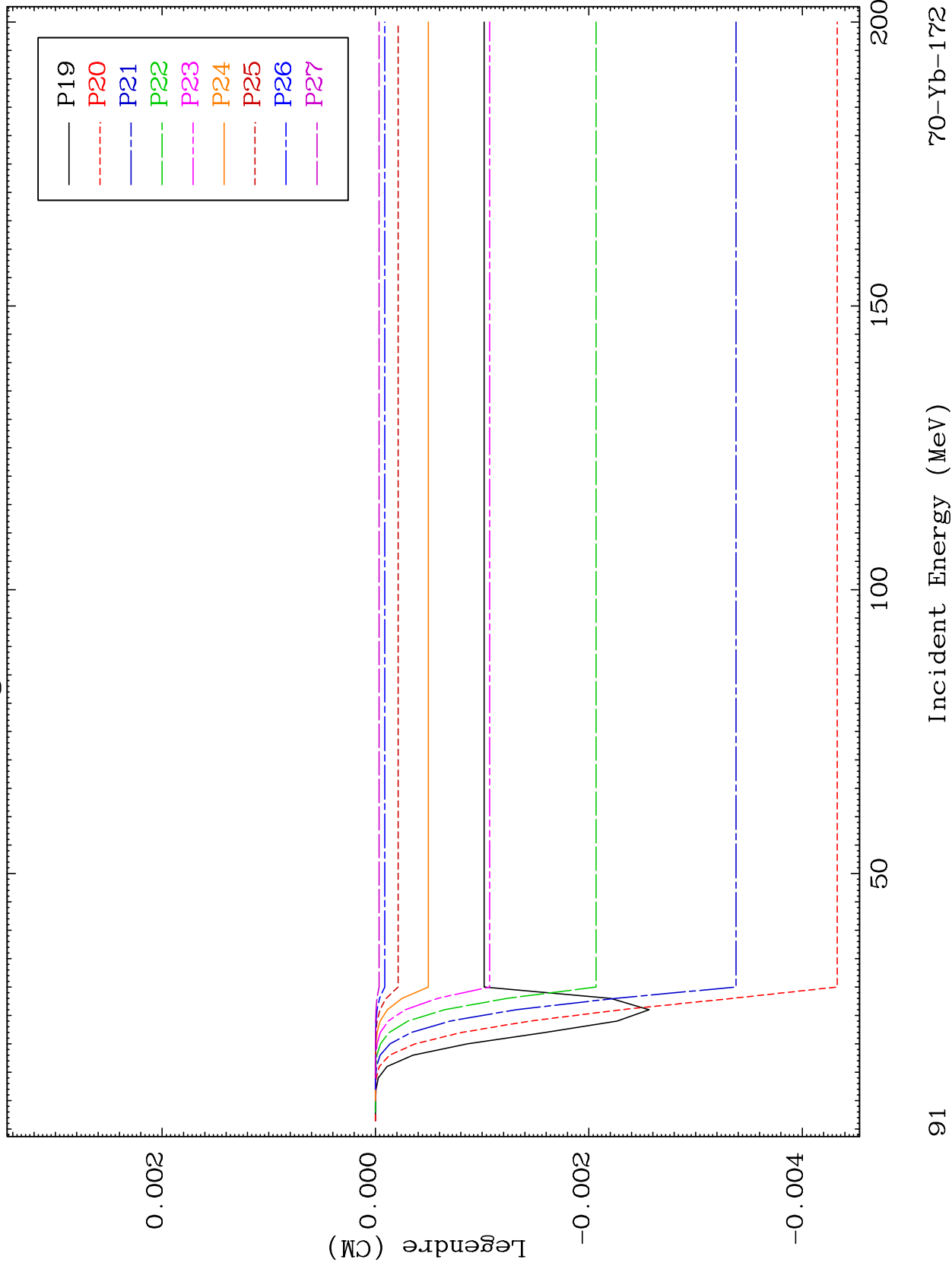
Incident Energy (MeV)

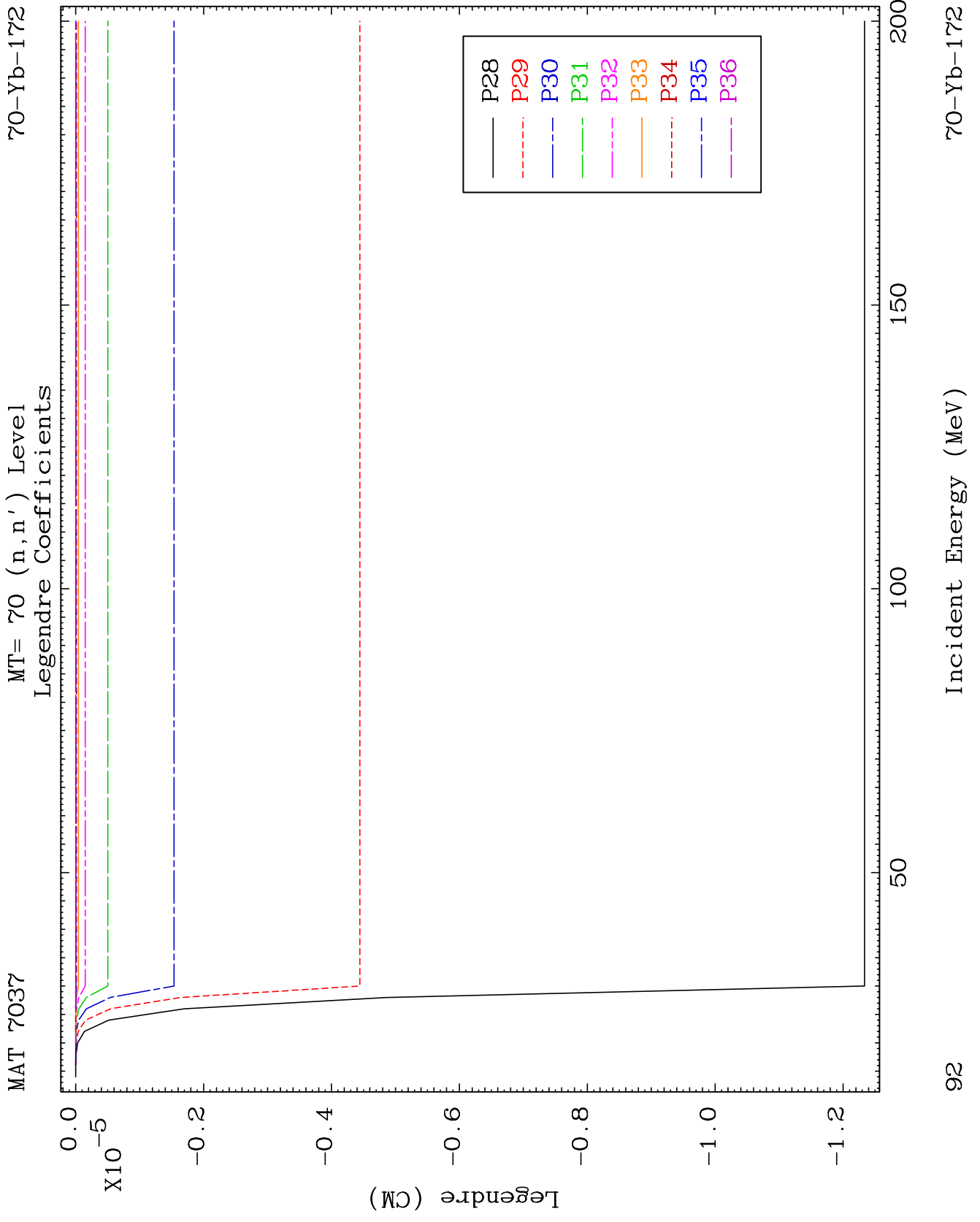
90

MAT 7037

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

70-Yb-172

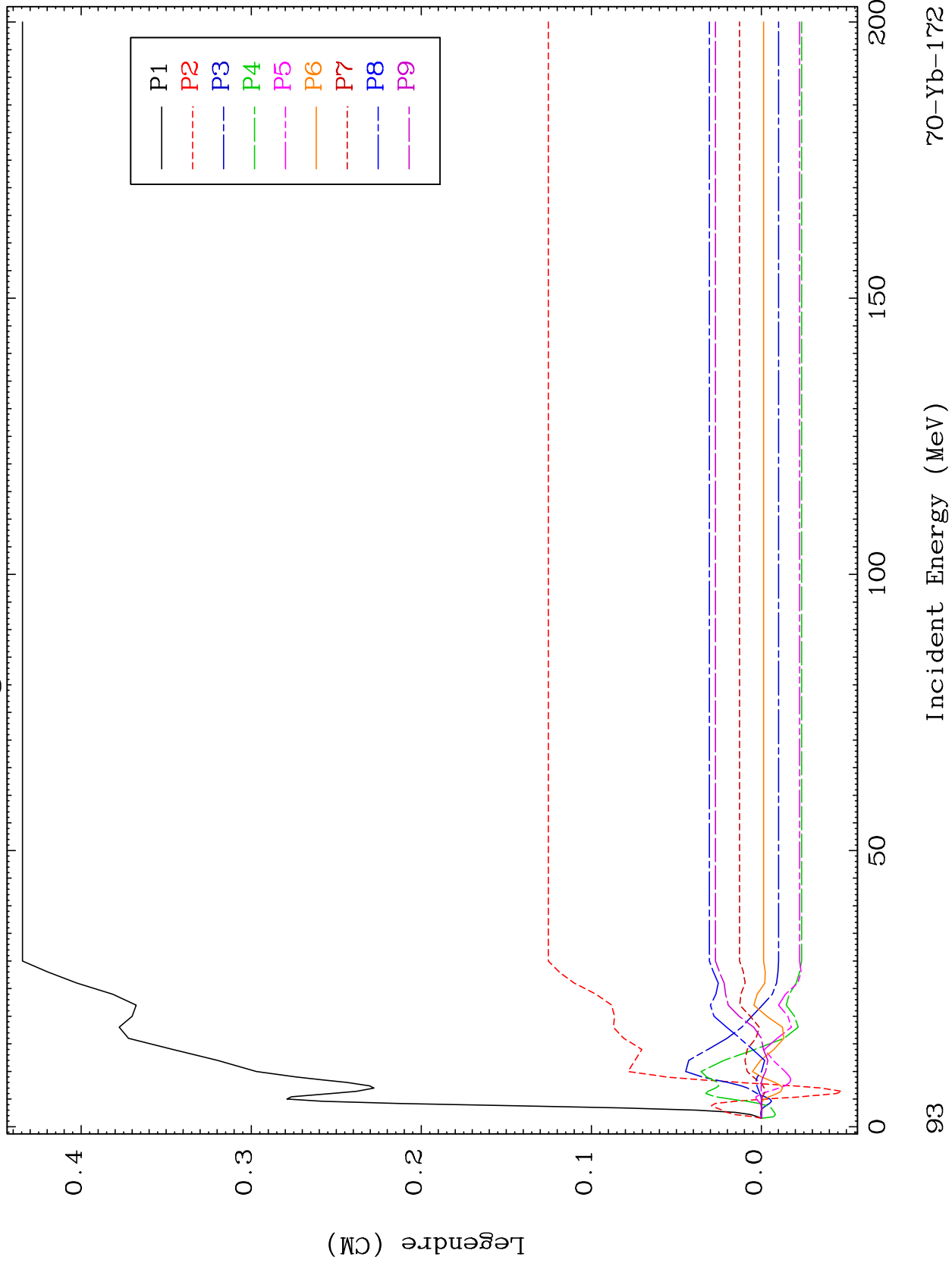


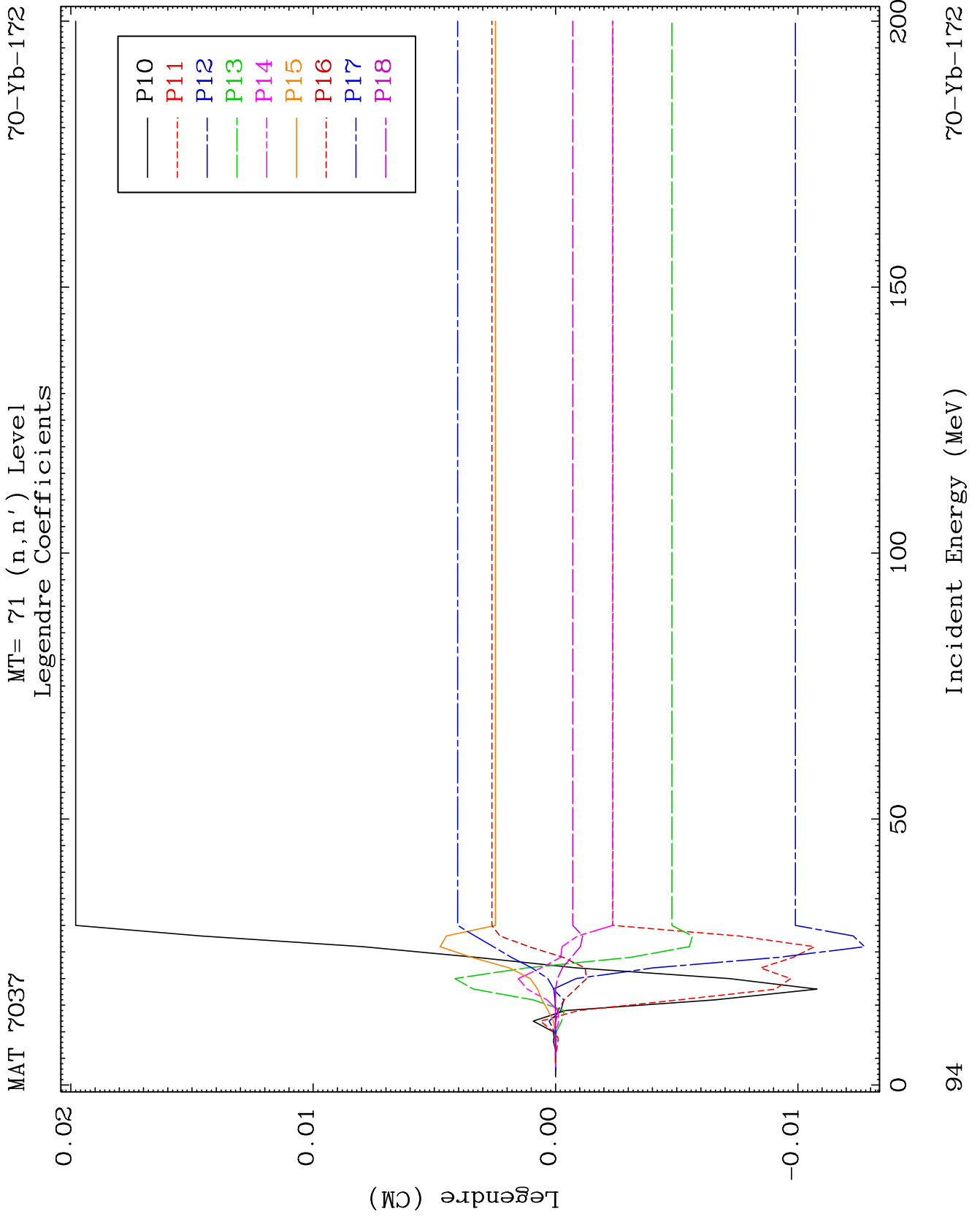


MAT 7037

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

70-Yb-172

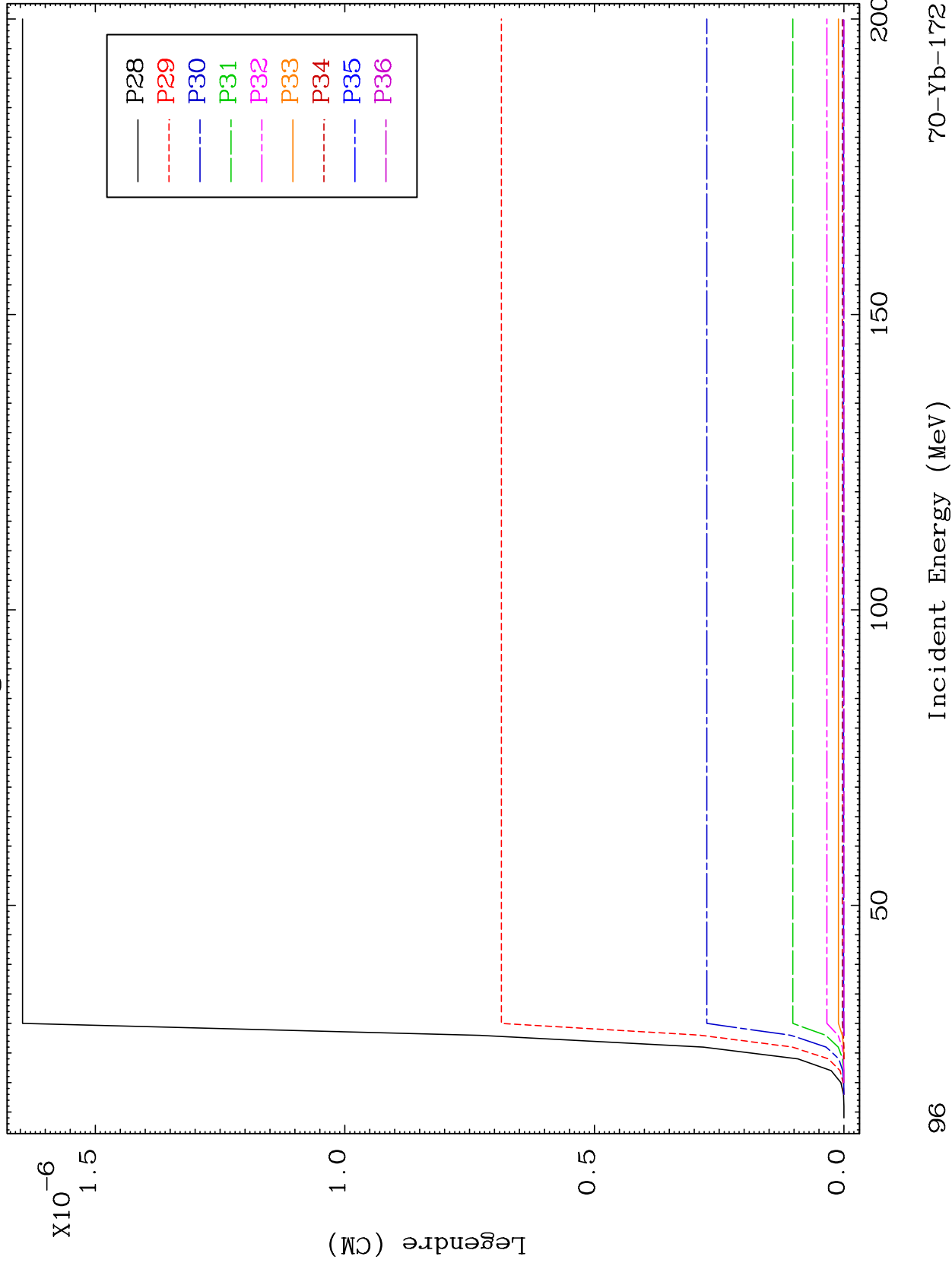




MAT 7037

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

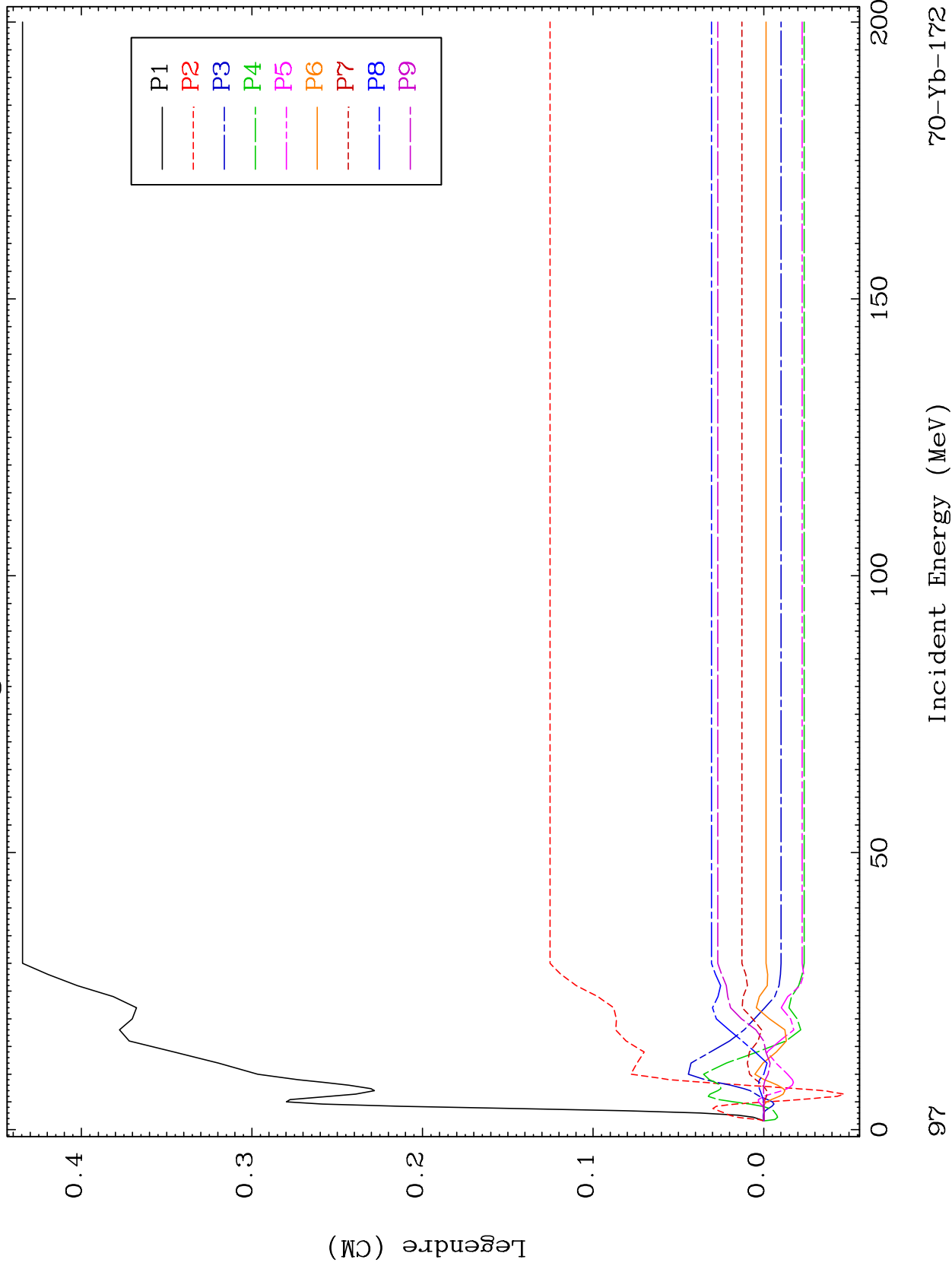
70-Yb-172

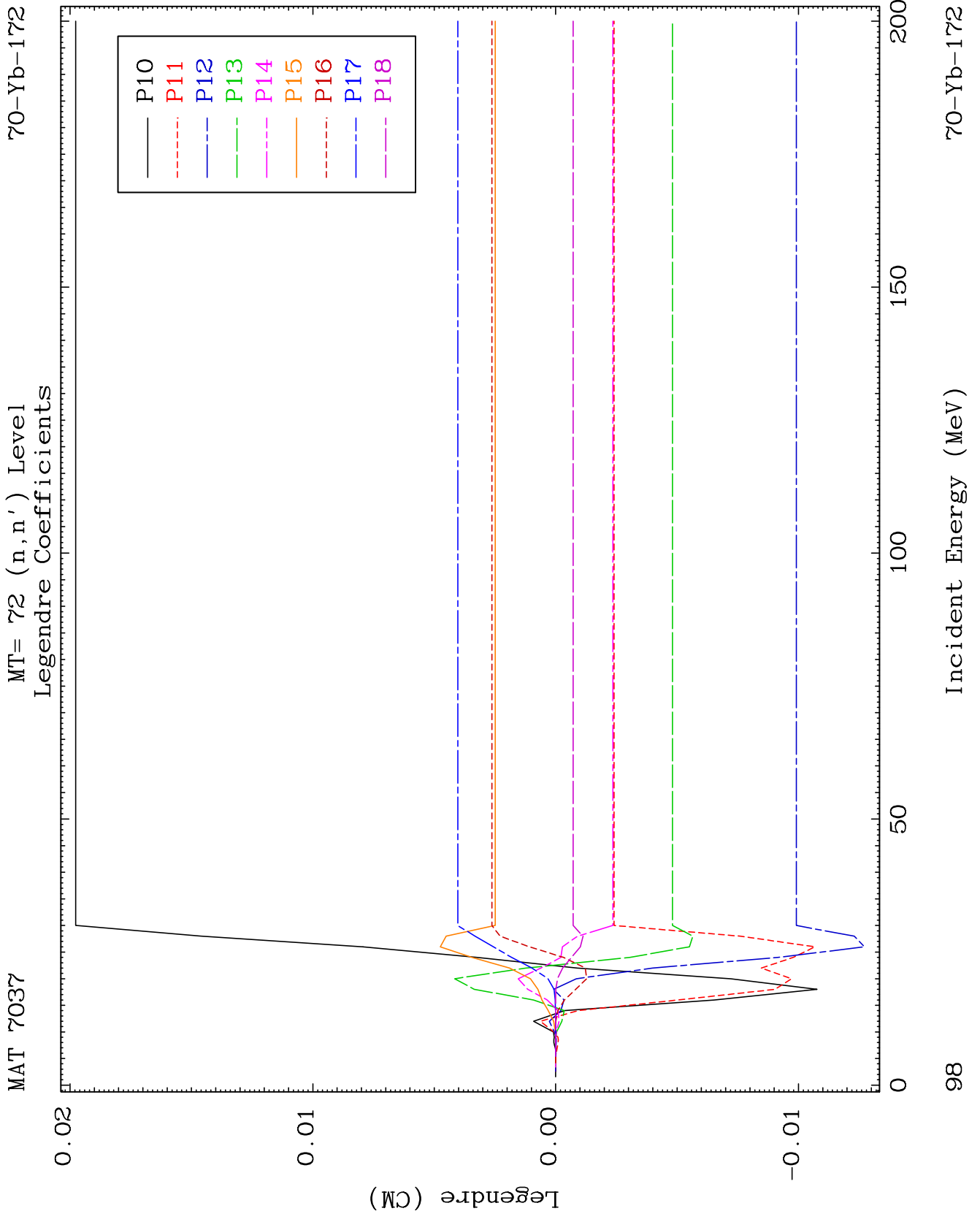


MAT 7037

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

70-Yb-172

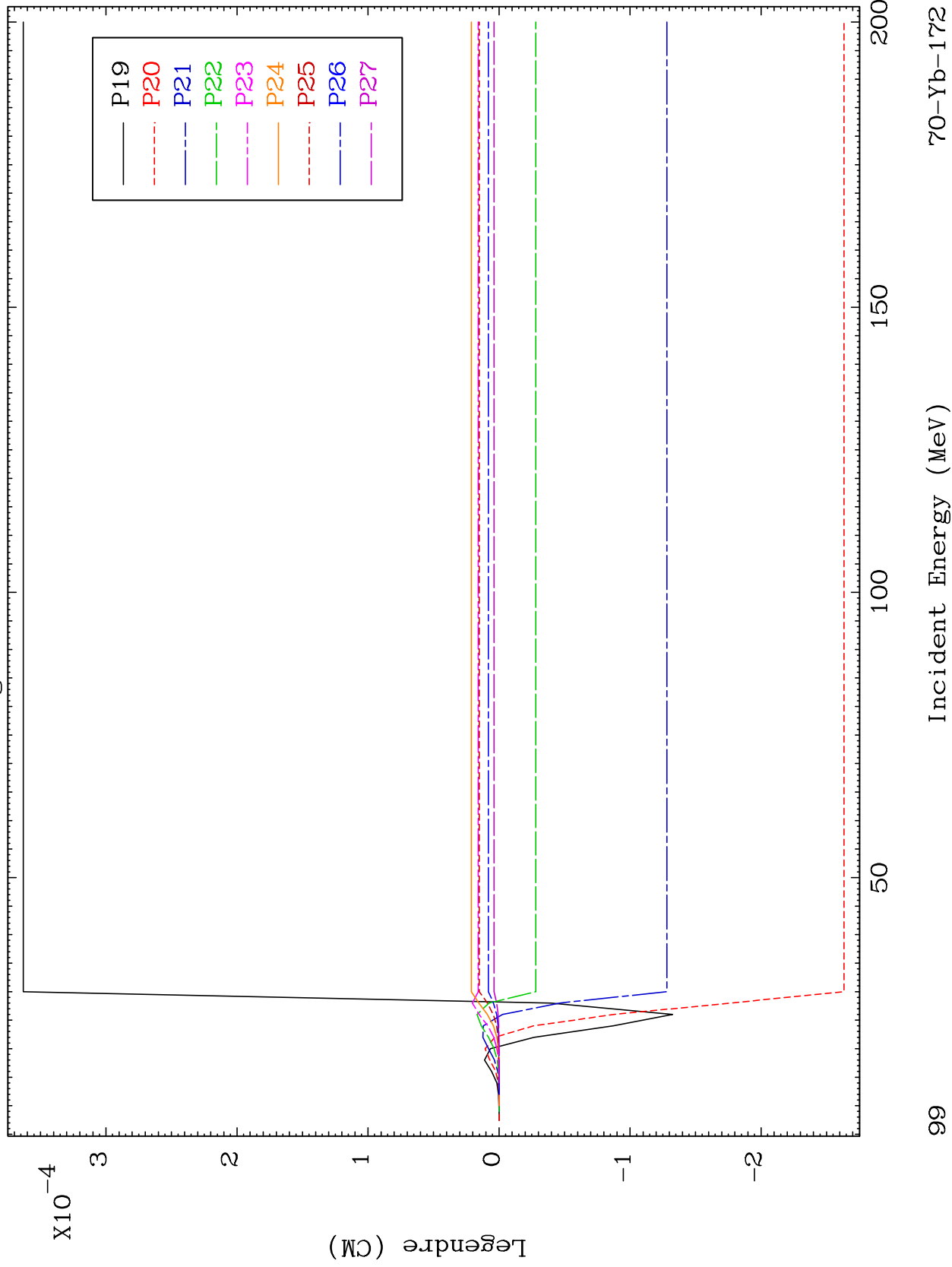




MAT 7037

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

70-Yb-172



99

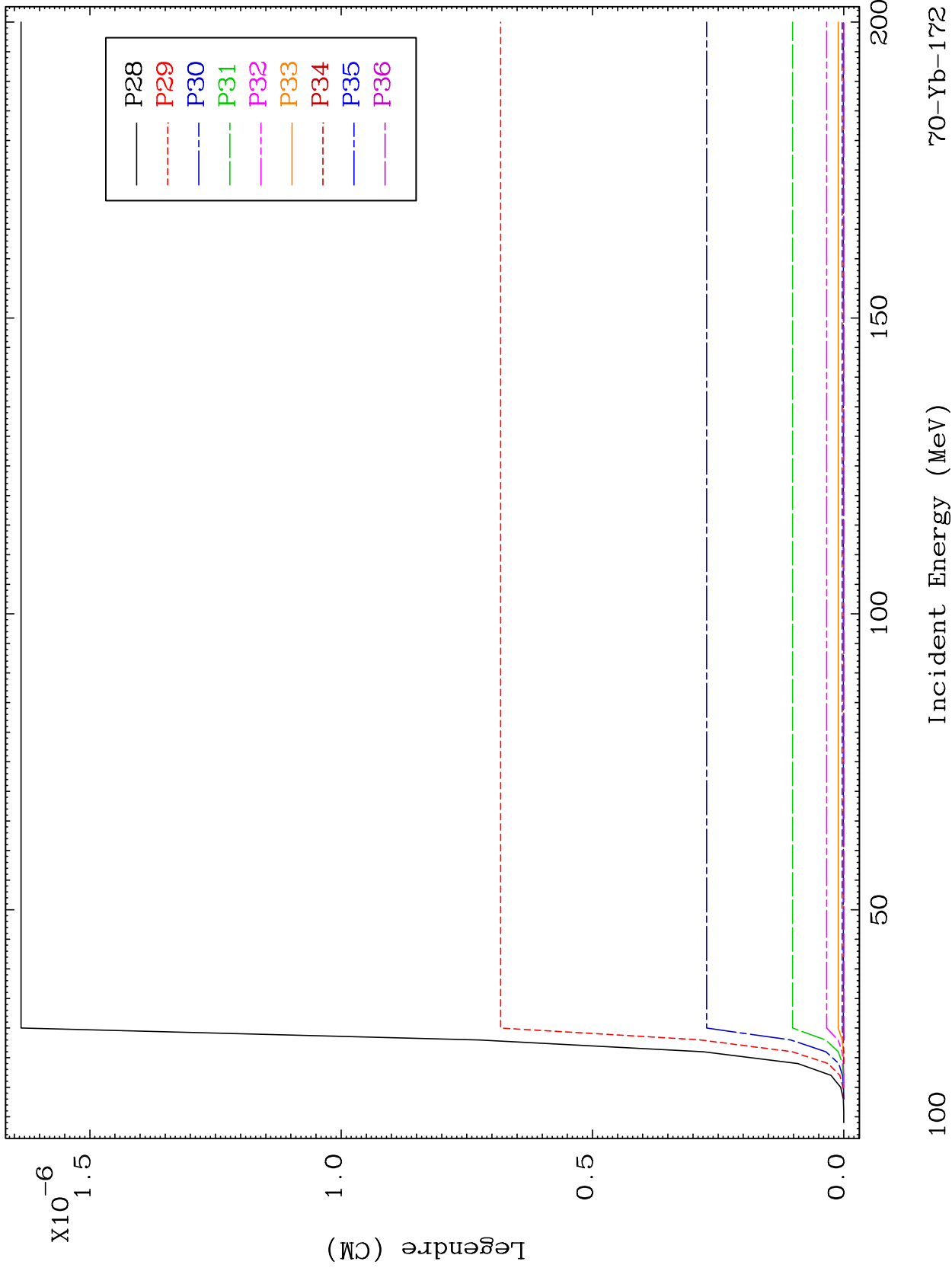
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

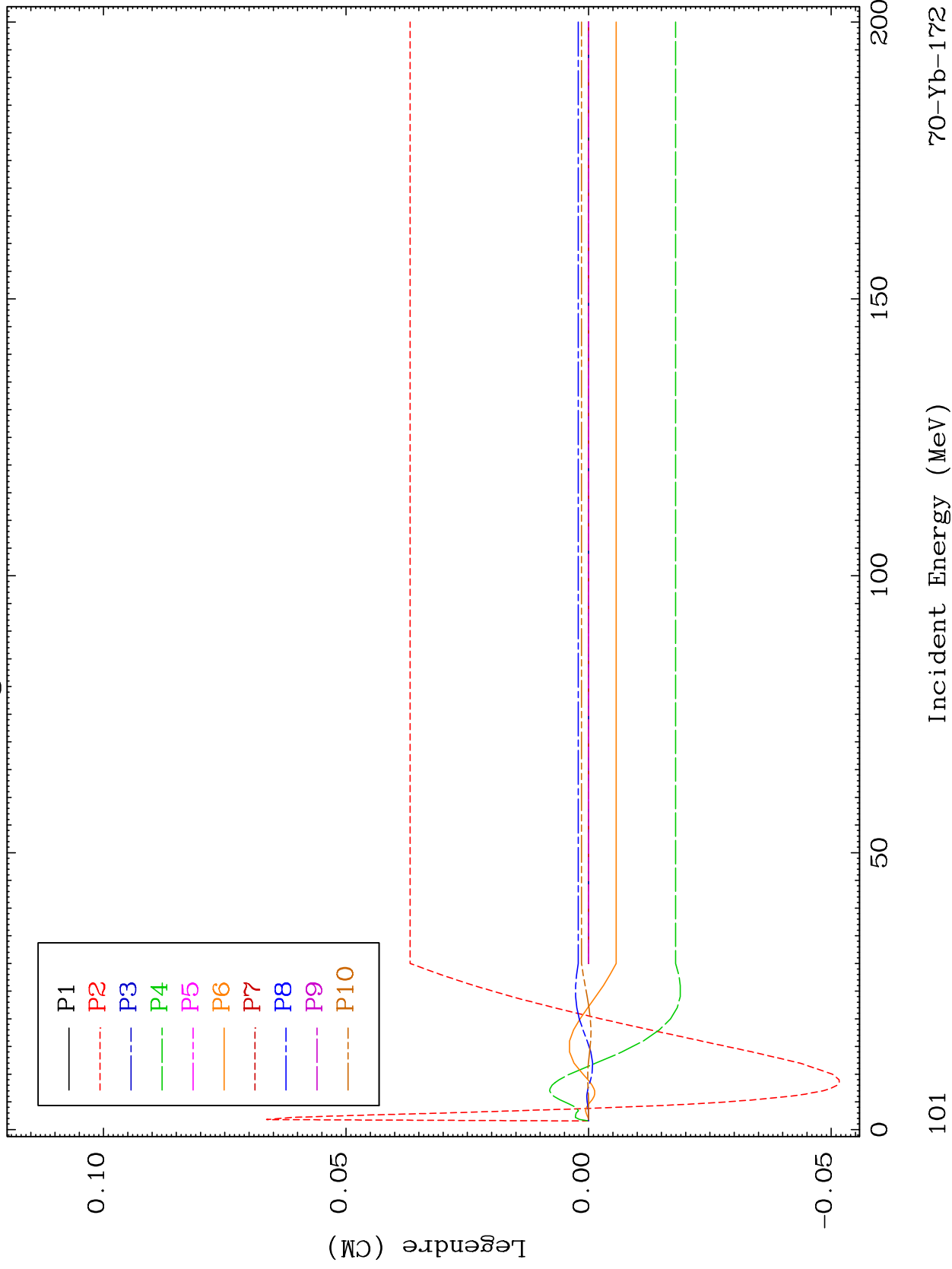
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

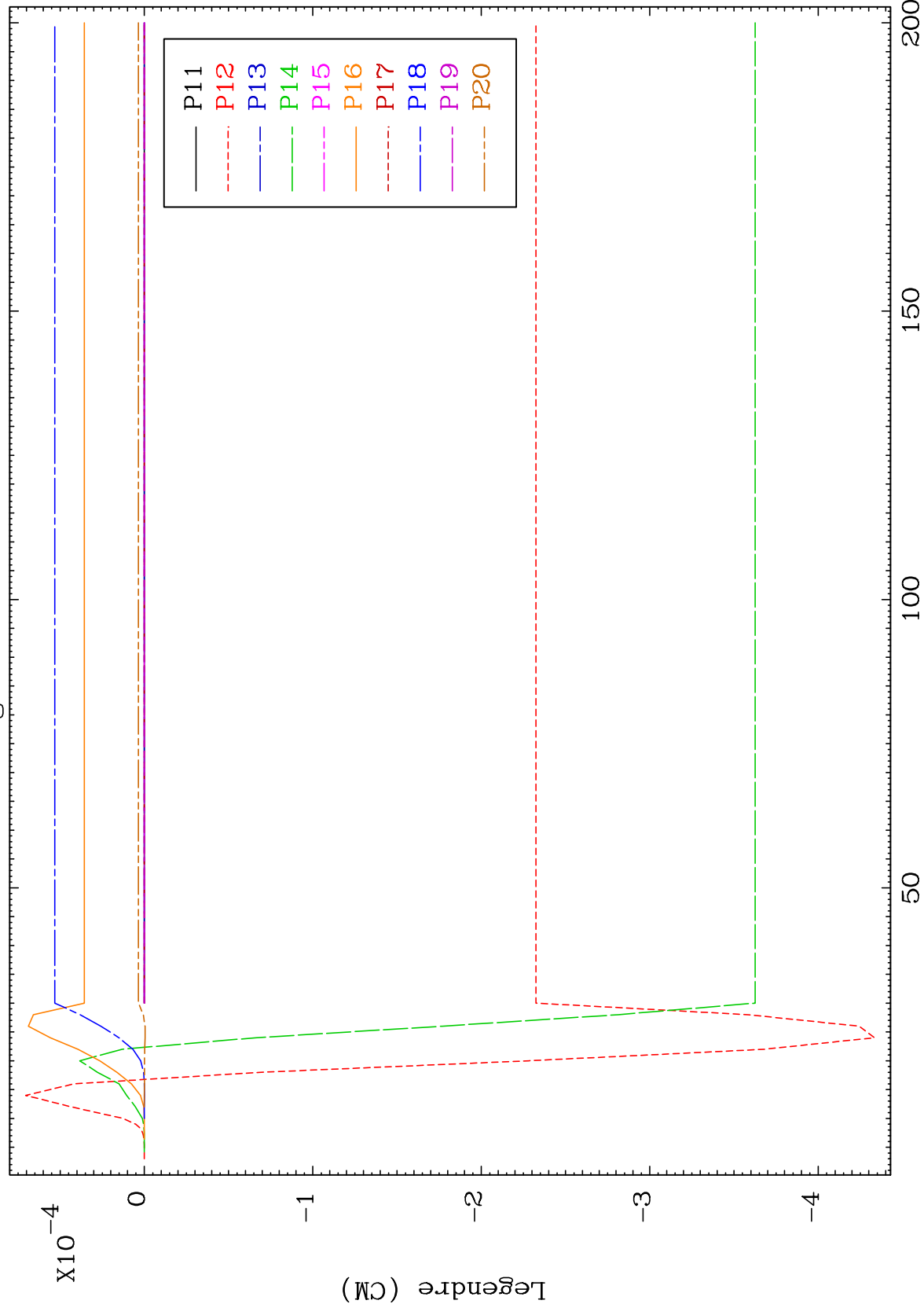
Incident Energy (MeV)

101

MAT 7037

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

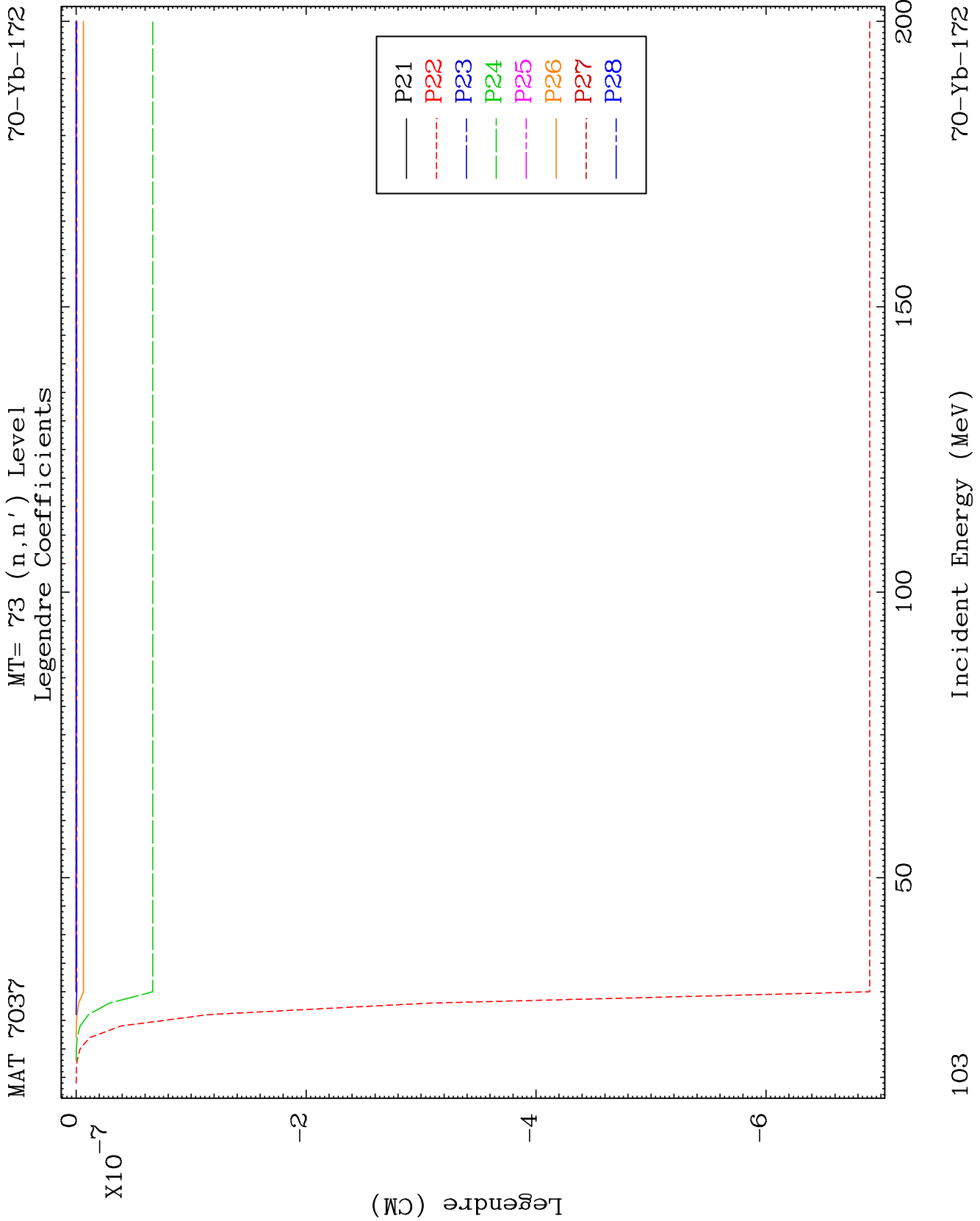
70-Yb-172

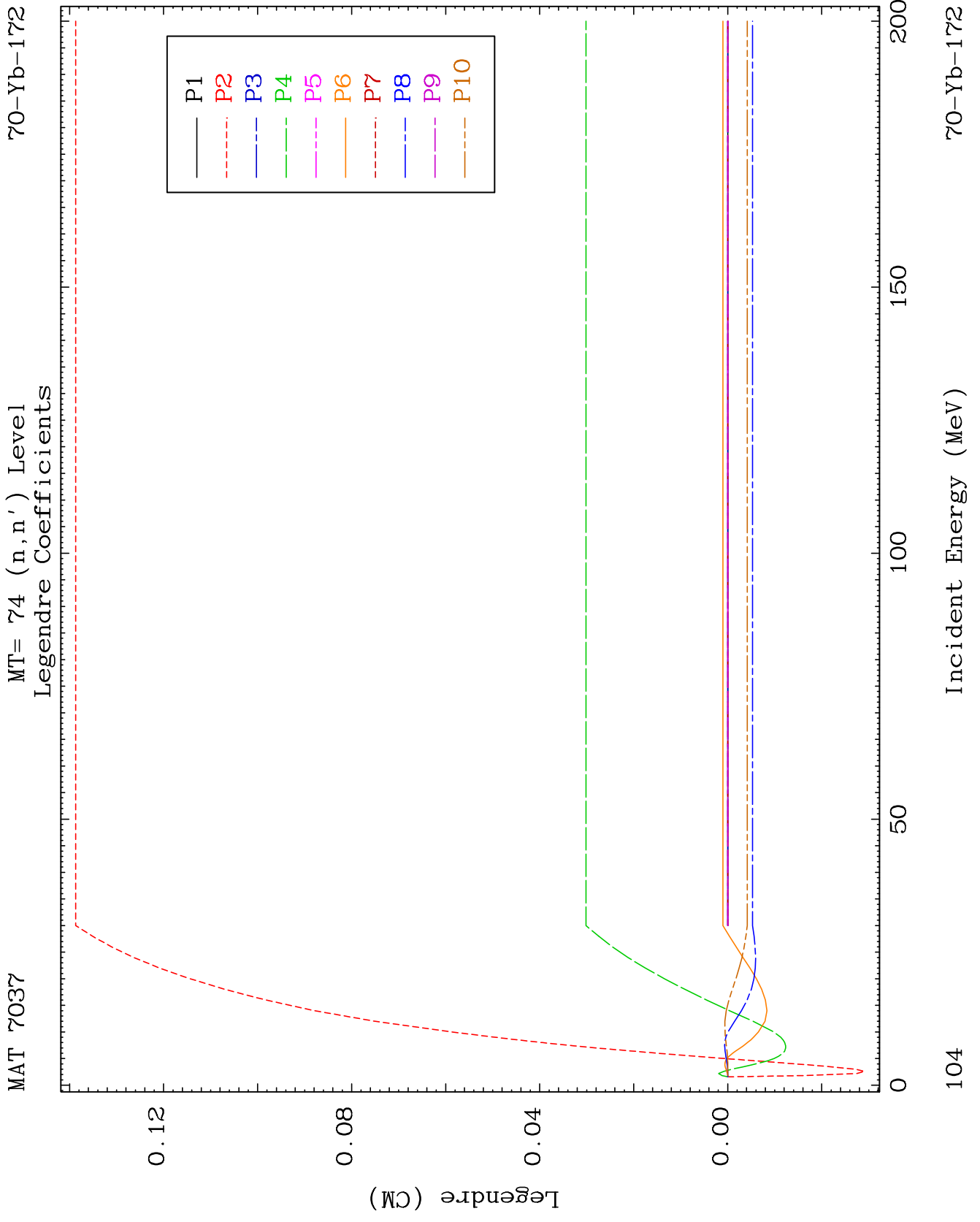


102

Incident Energy (MeV)

70-Yb-172

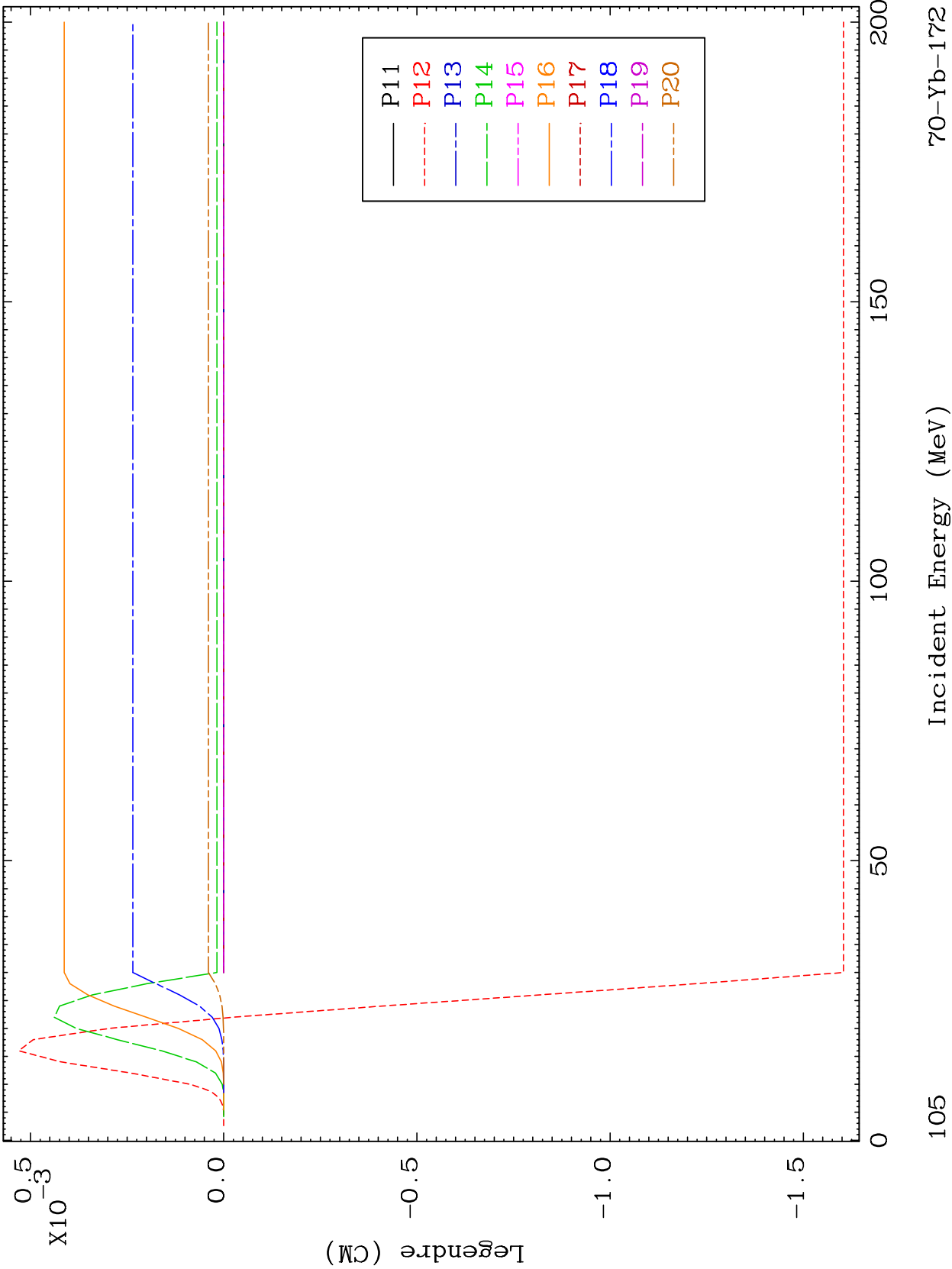




MAT 7037

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

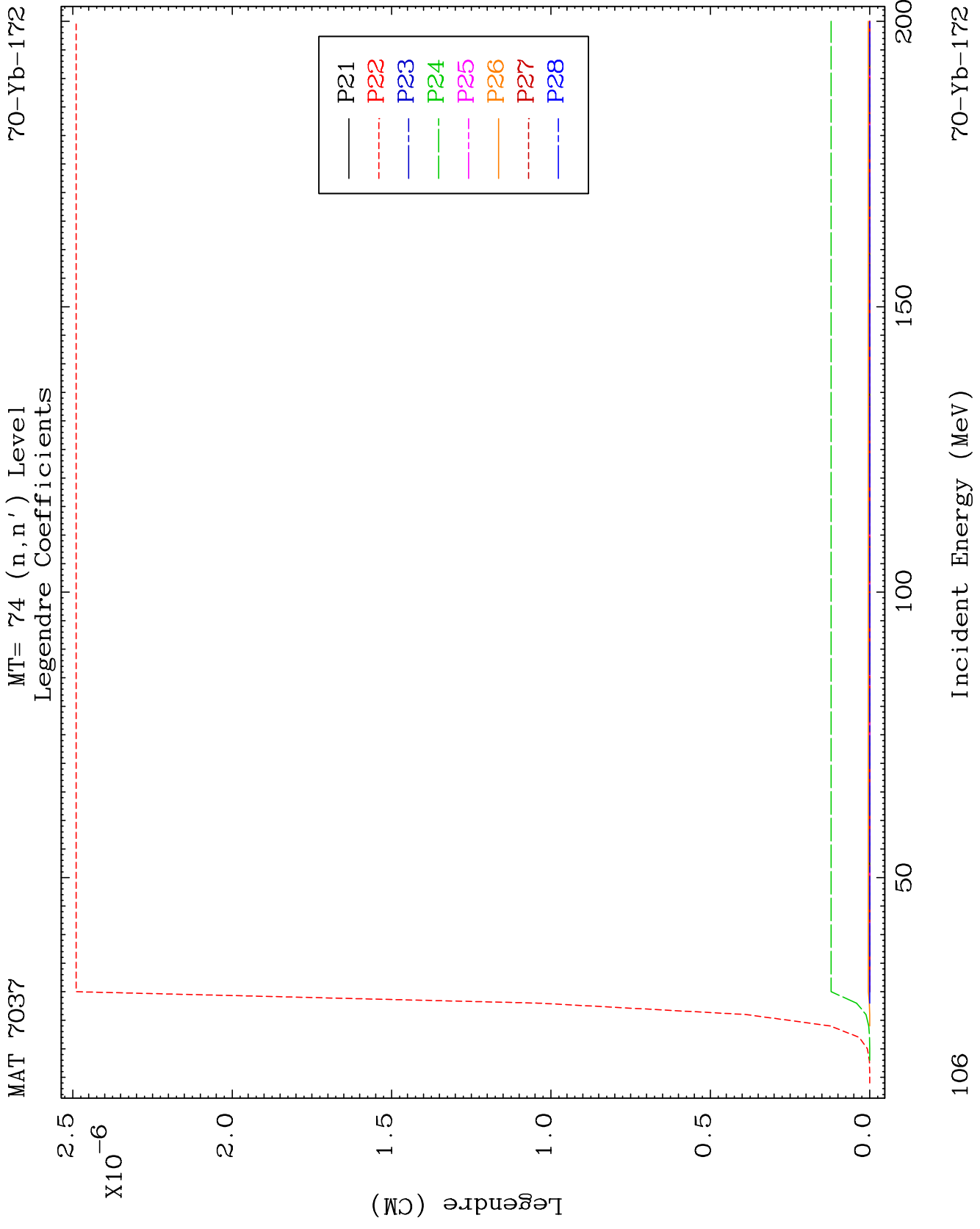
70-Yb-172



70-Yb-172

Incident Energy (MeV)

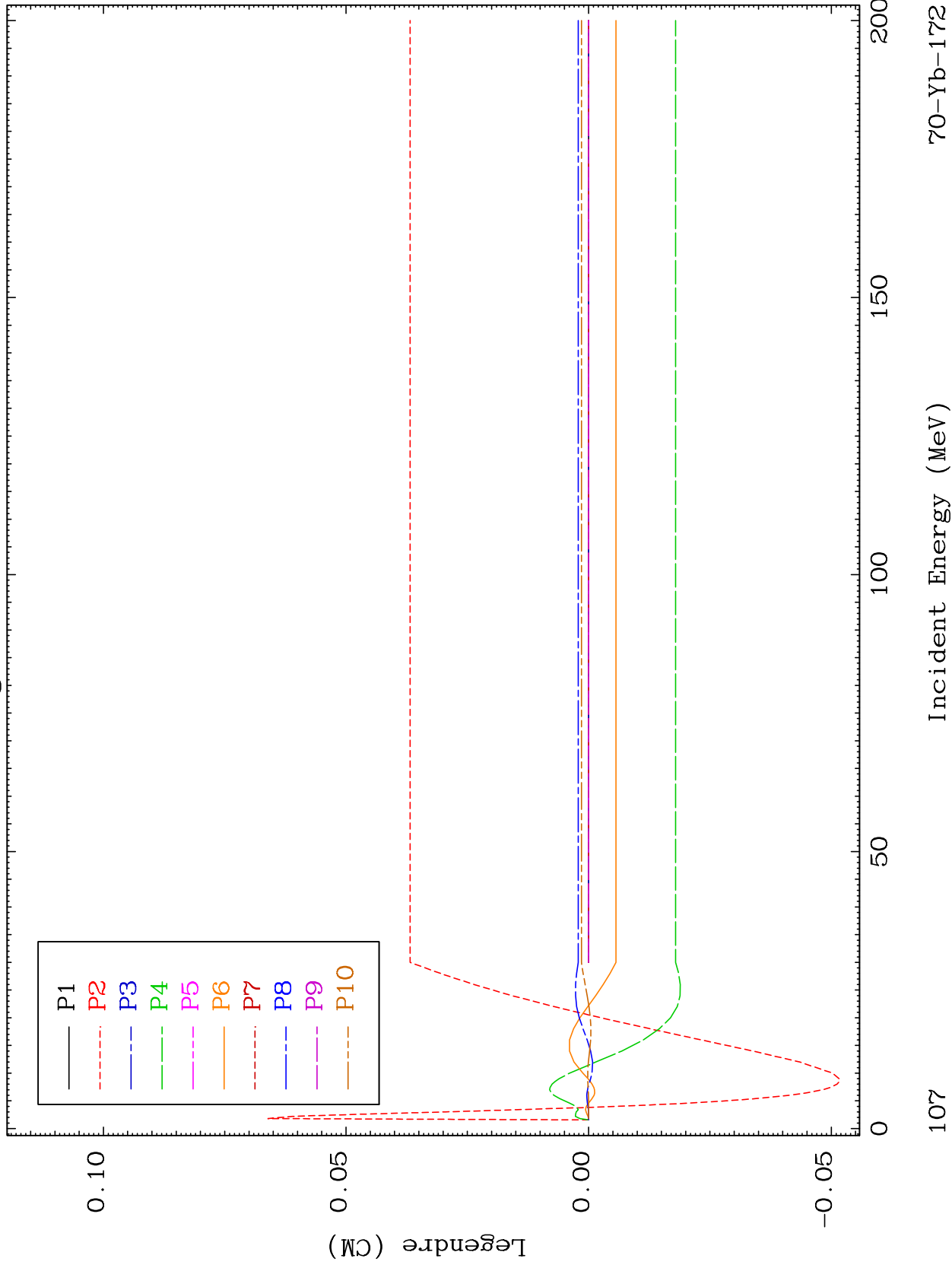
105



MAT 7037

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

70-Yb-172



70-Yb-172

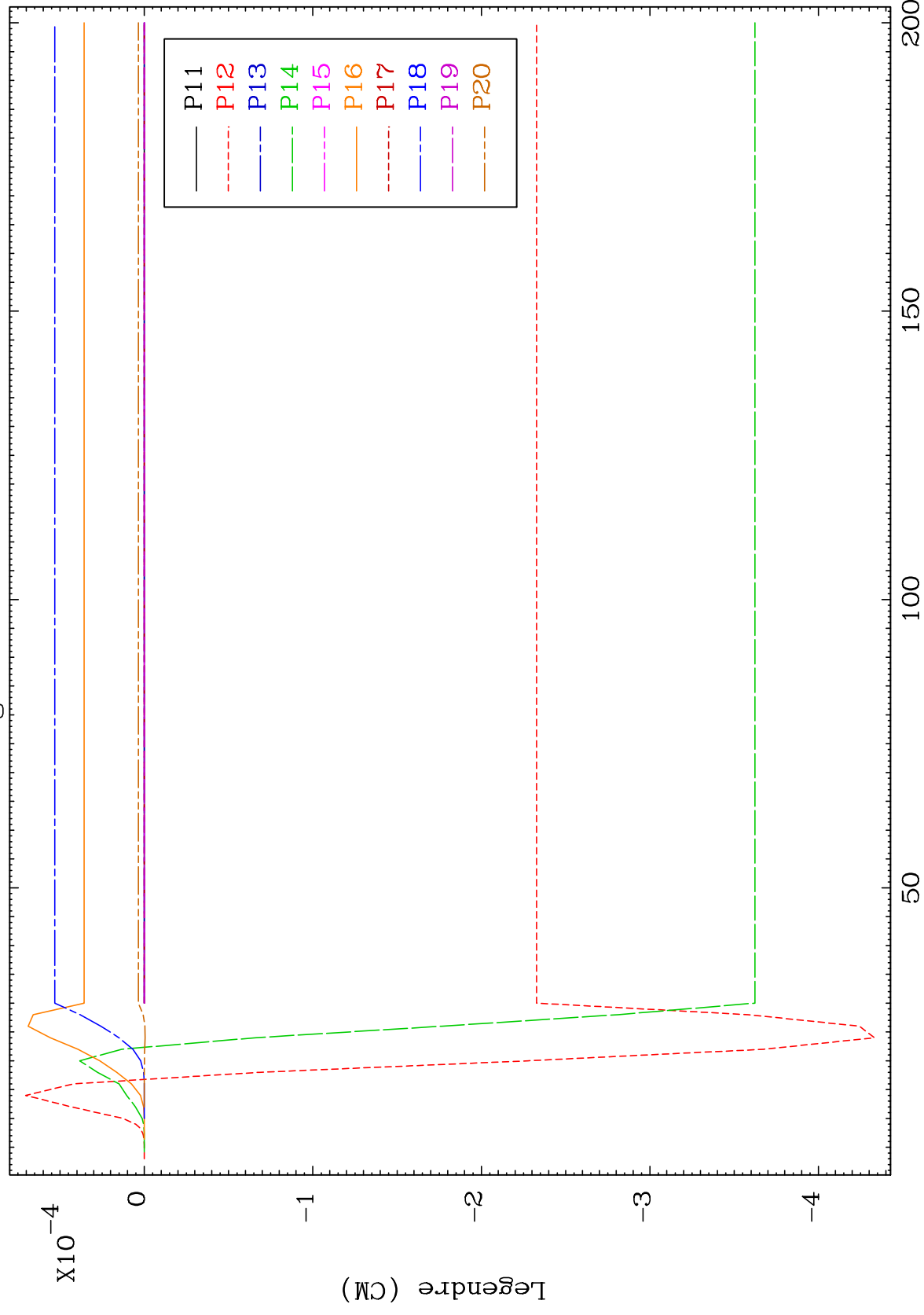
Incident Energy (MeV)

107

MAT 7037

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

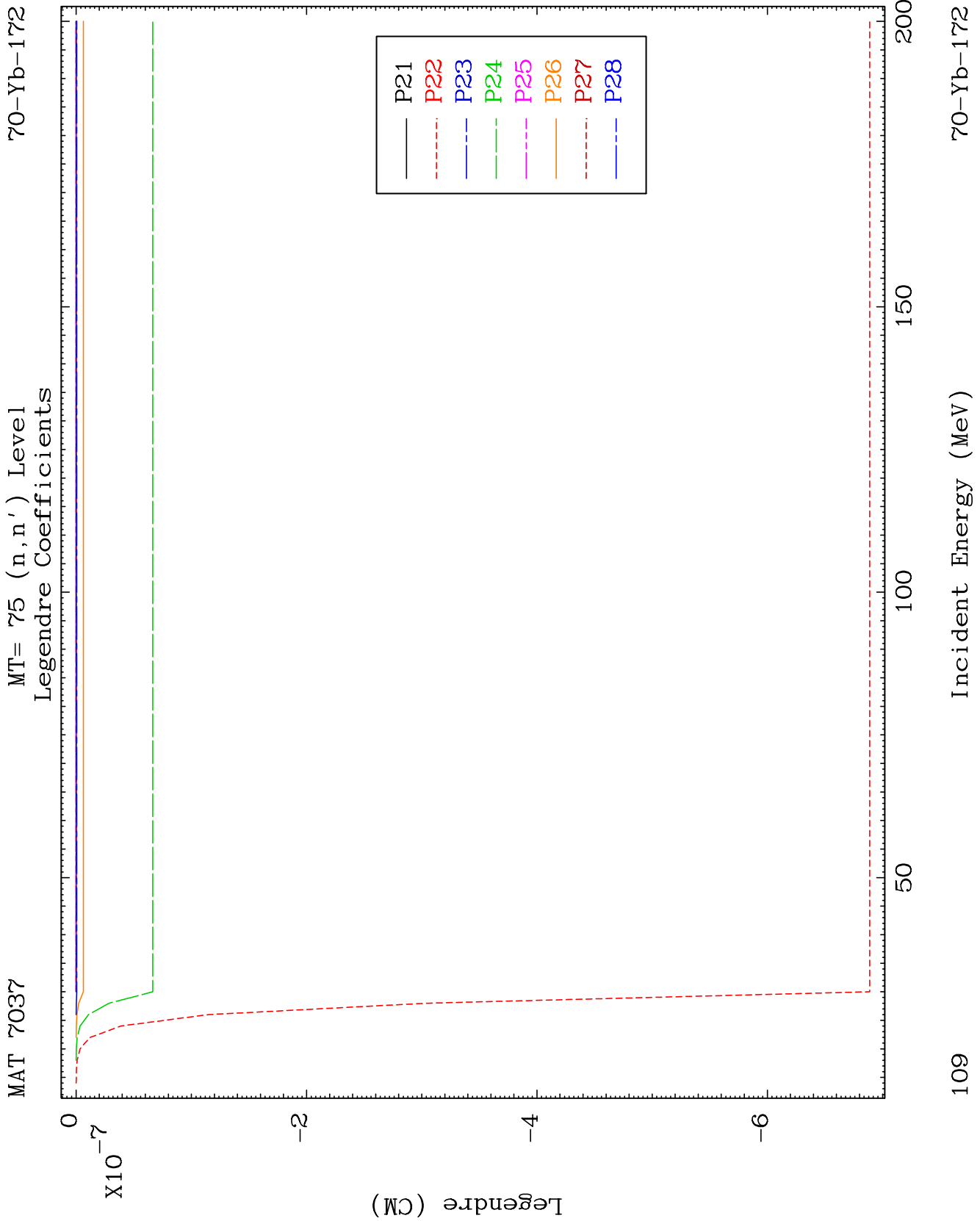
70-Yb-172



108

Incident Energy (MeV)

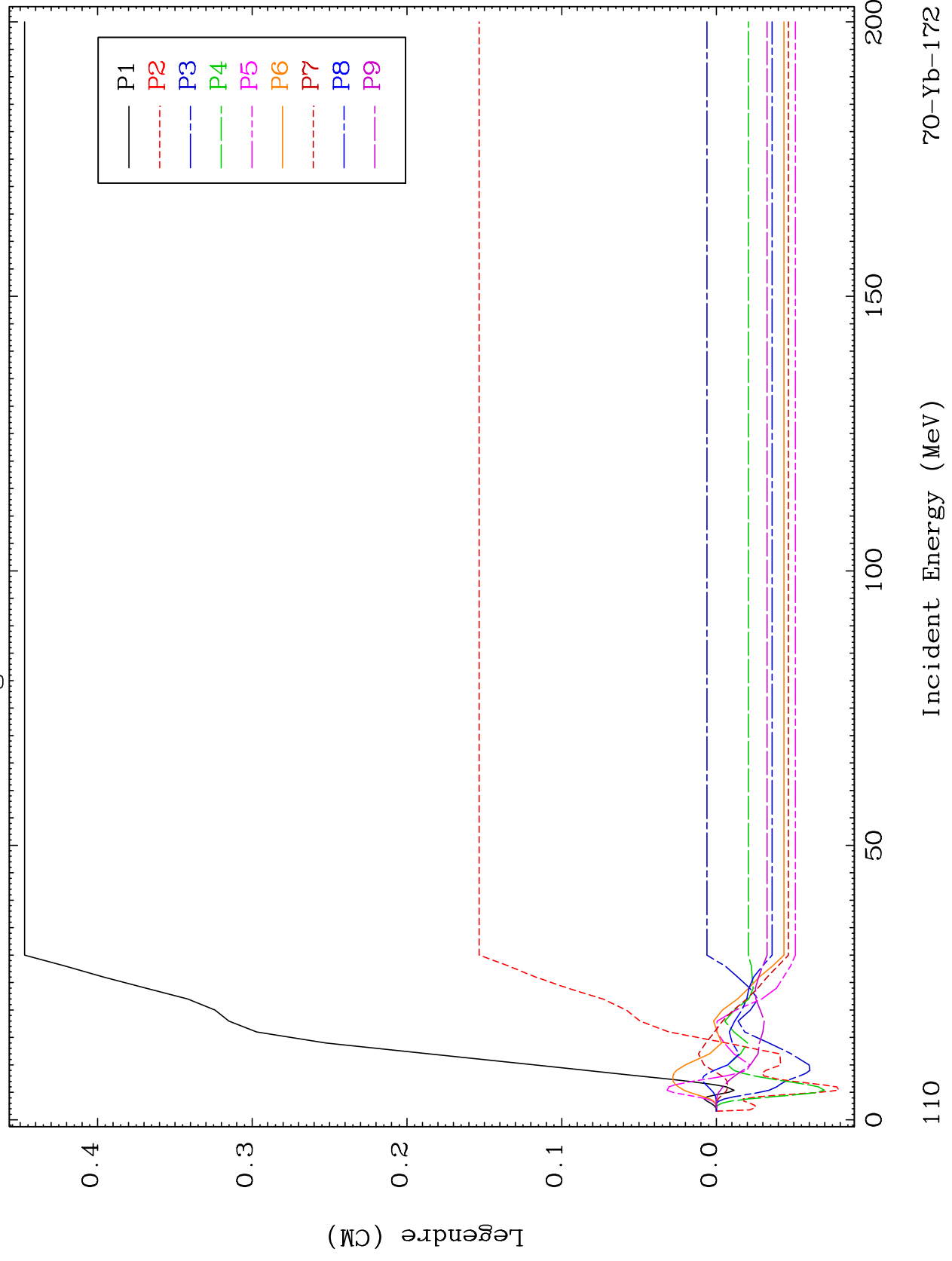
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

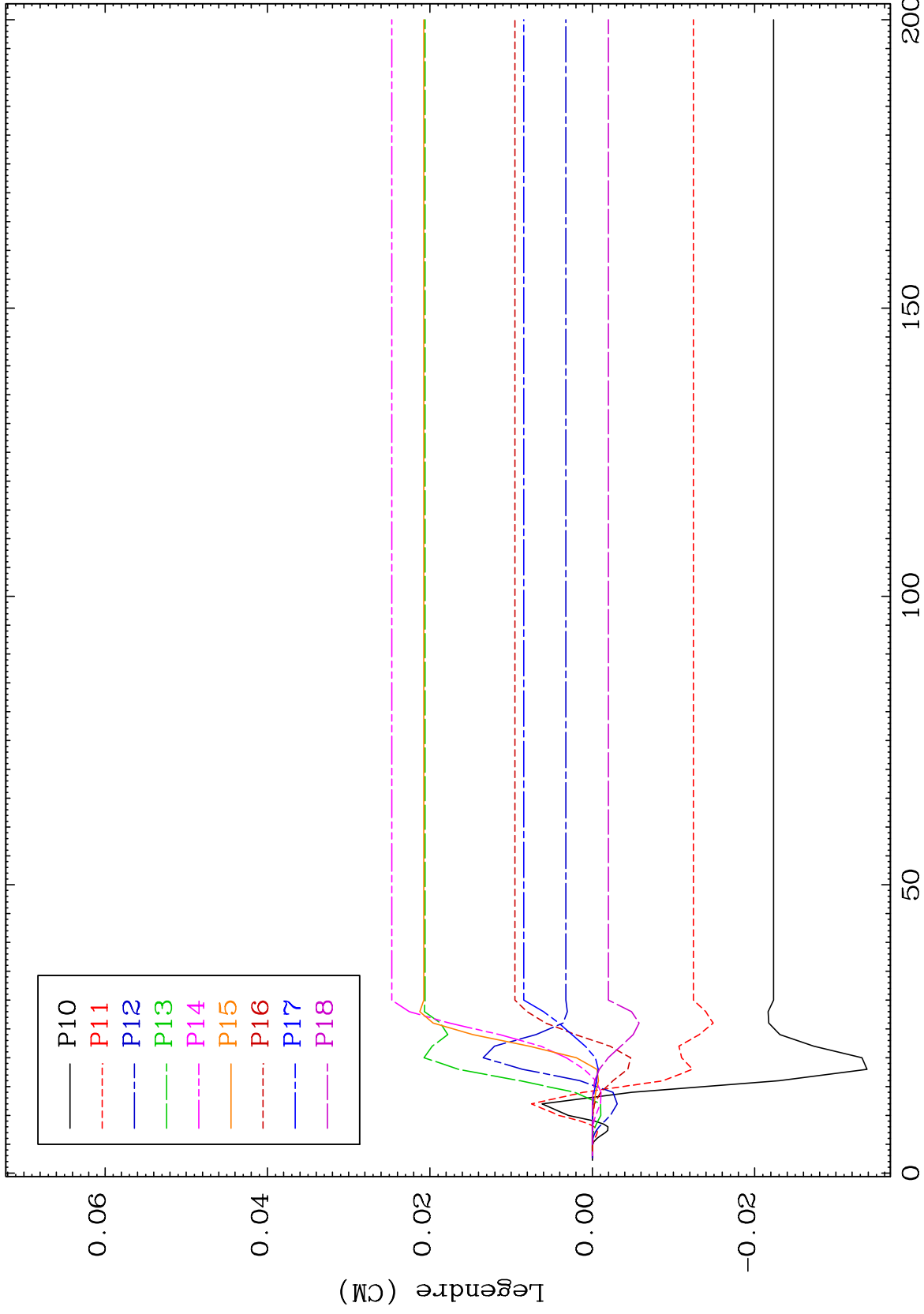
Incident Energy (MeV)

110

MAT 7037

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

70-Yb-172



111

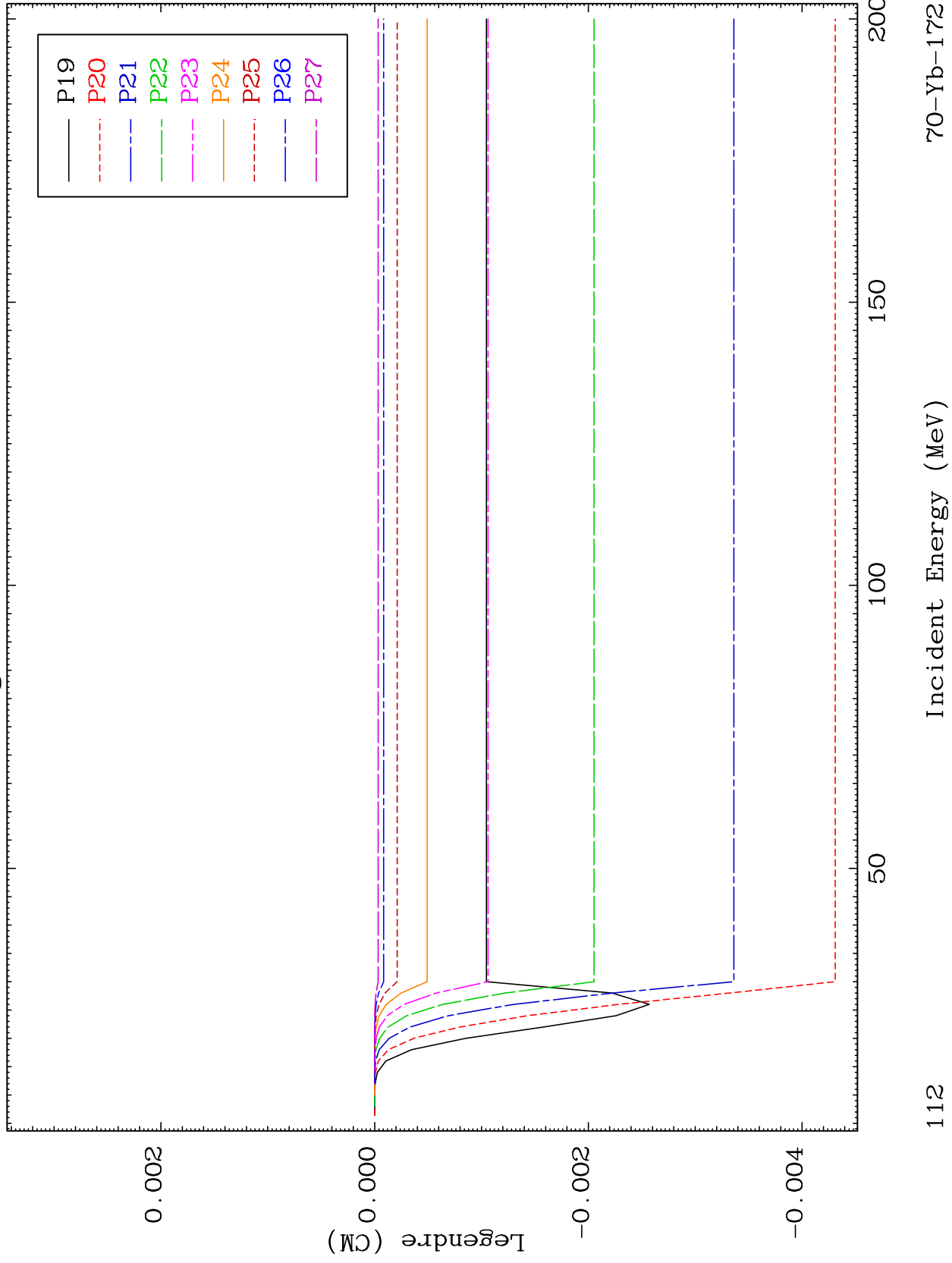
Incident Energy (MeV)

70-Yb-172

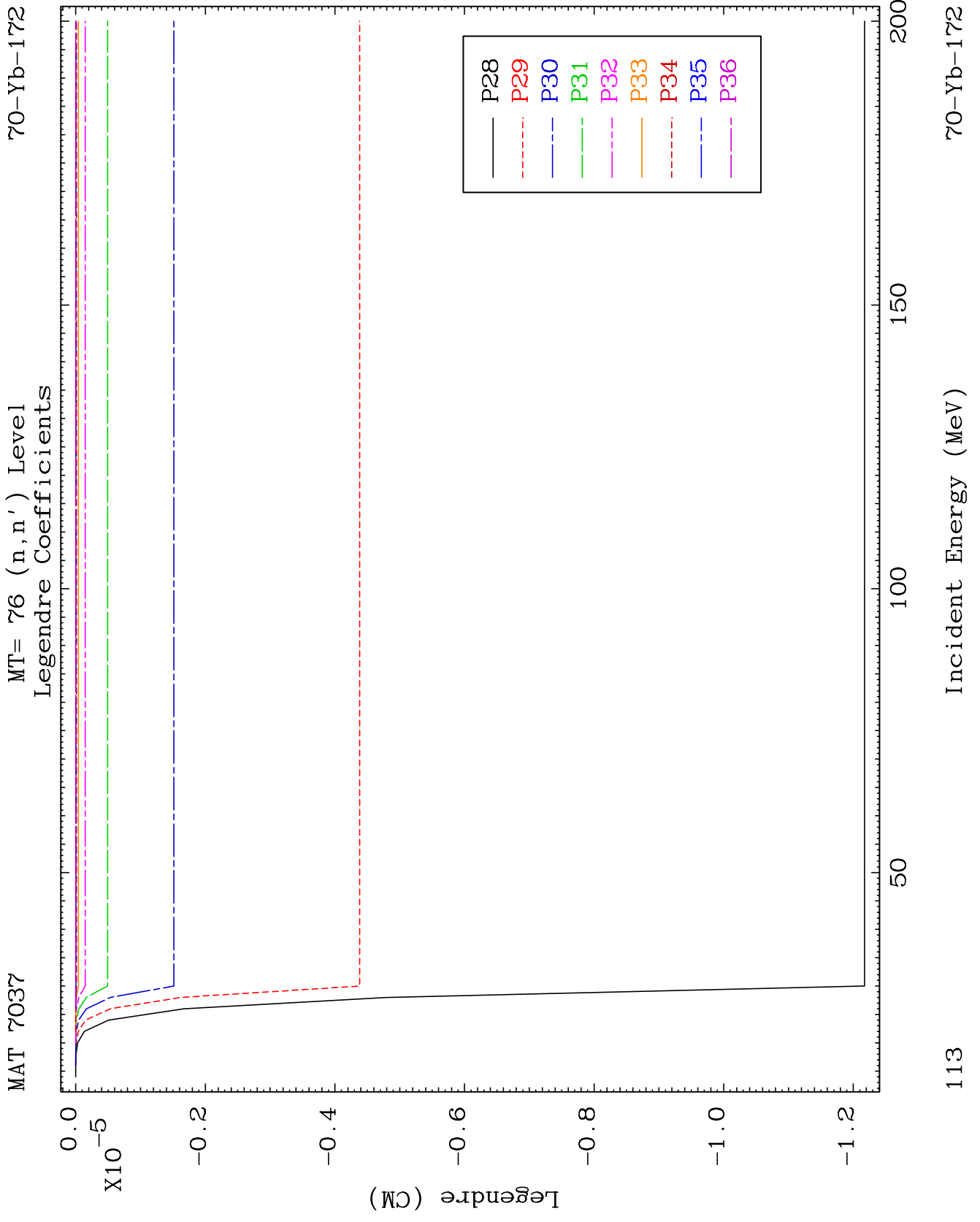
MAT 7037

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

70-Yb-172



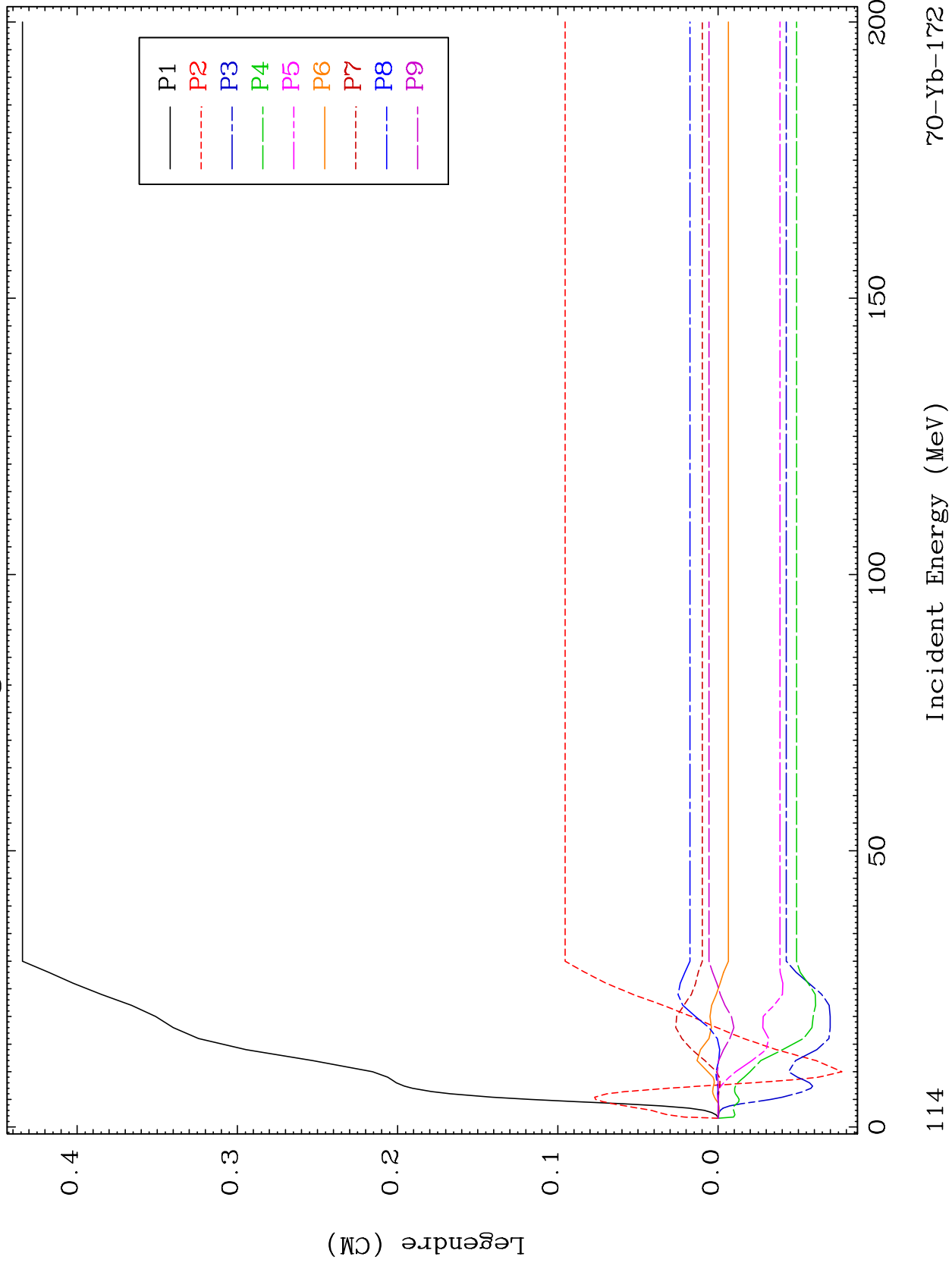
112



MAT 7037

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

70-Yb-172



114

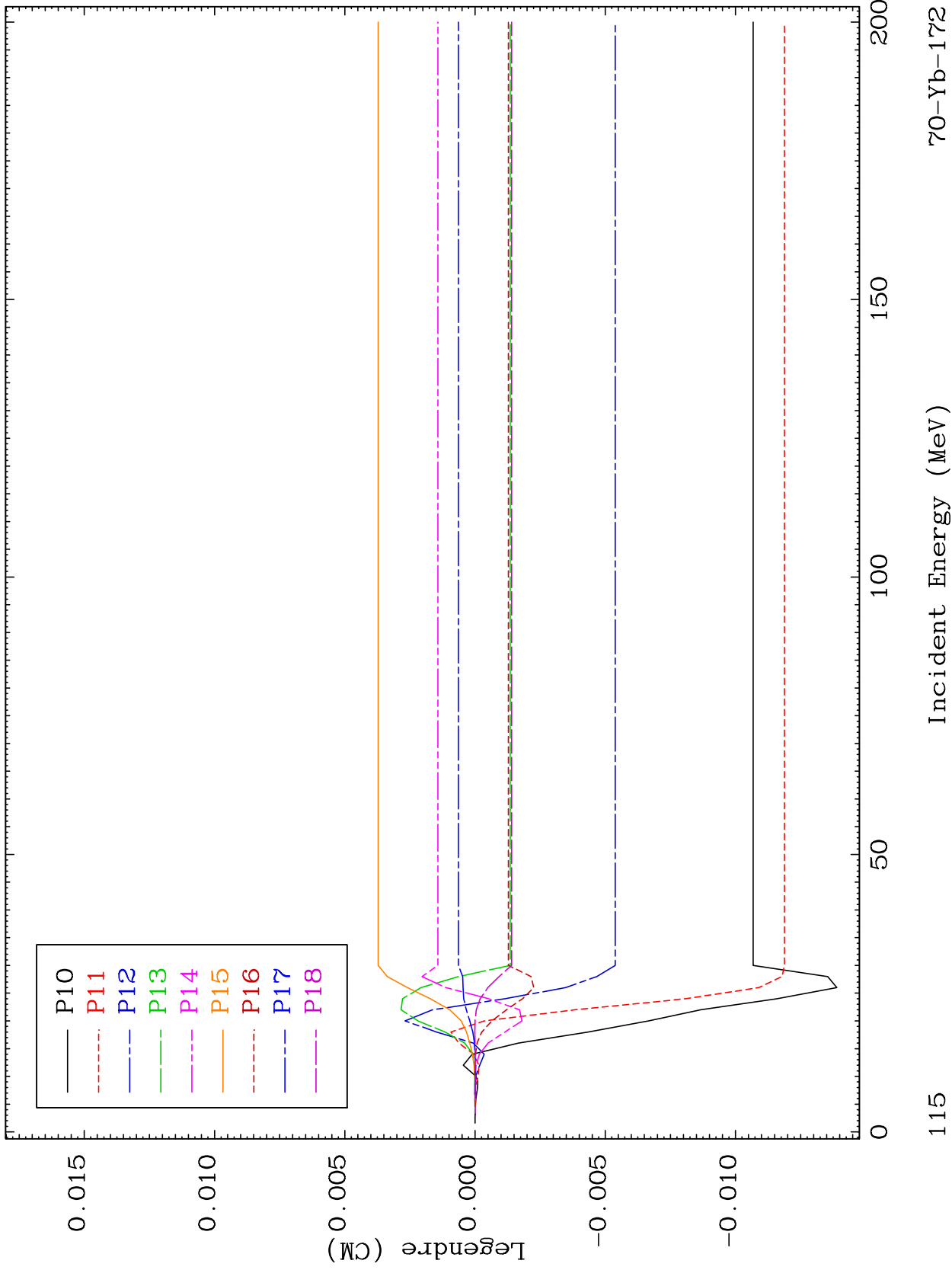
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



115

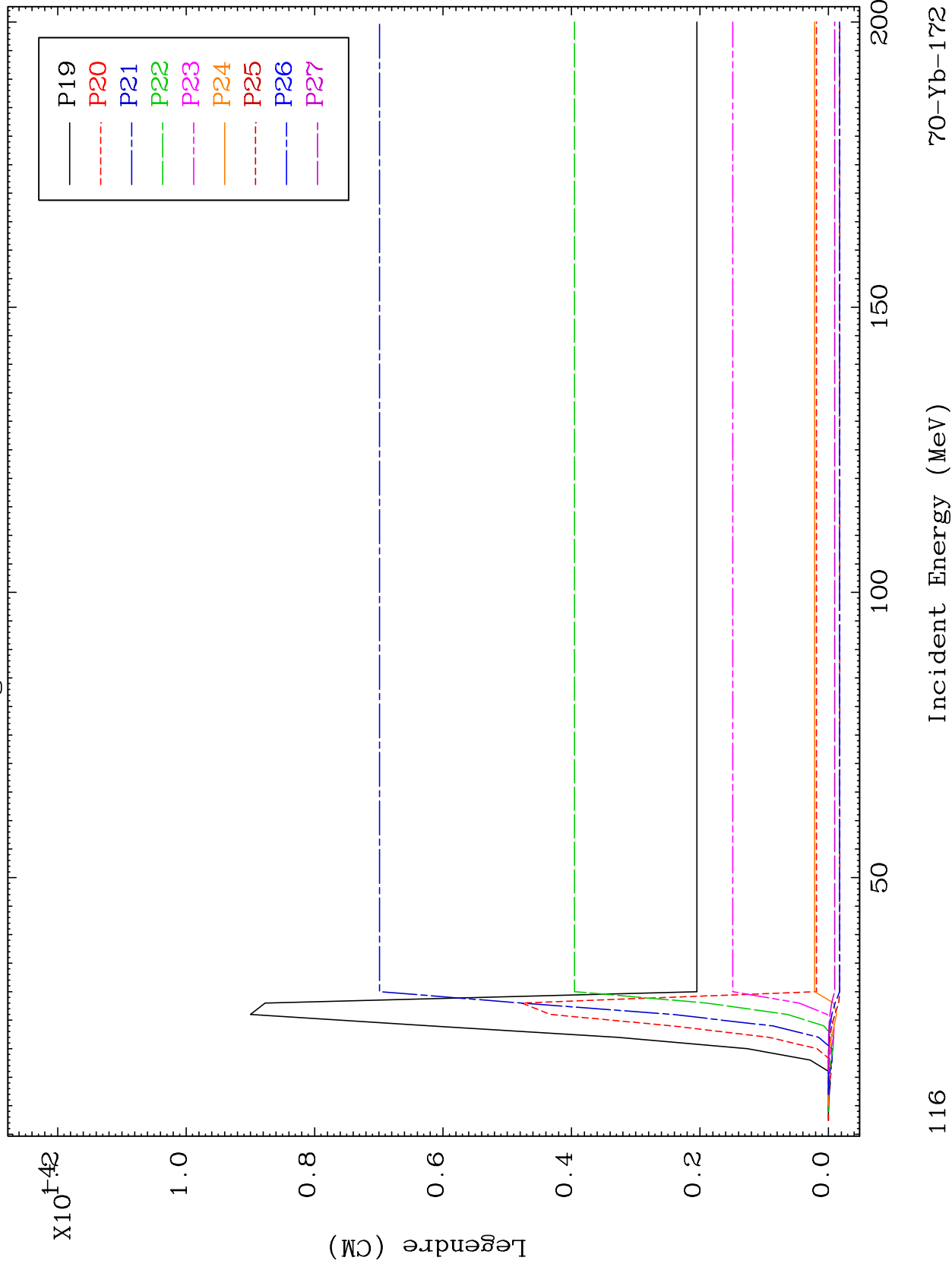
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

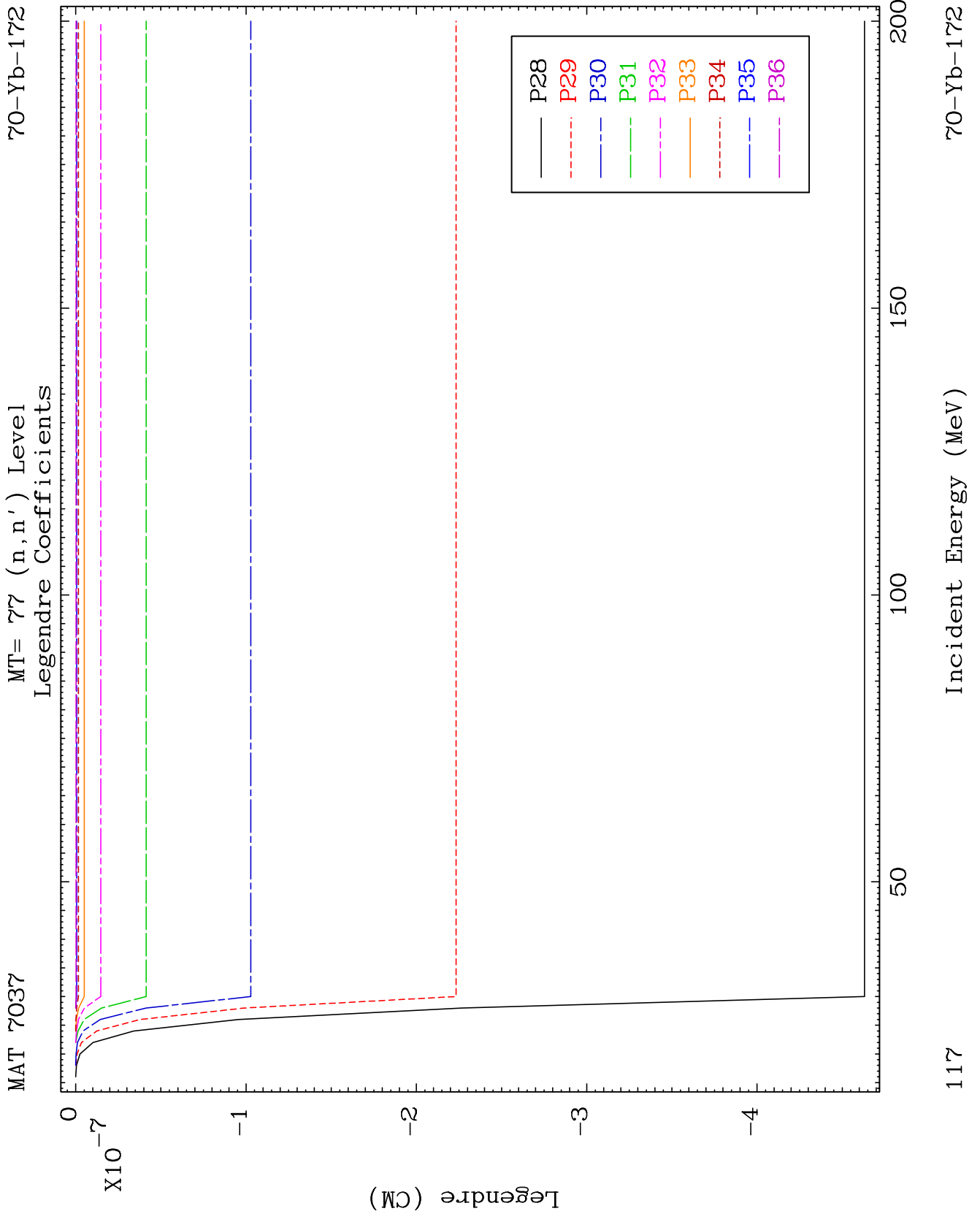
70-Yb-172



116

Incident Energy (MeV)

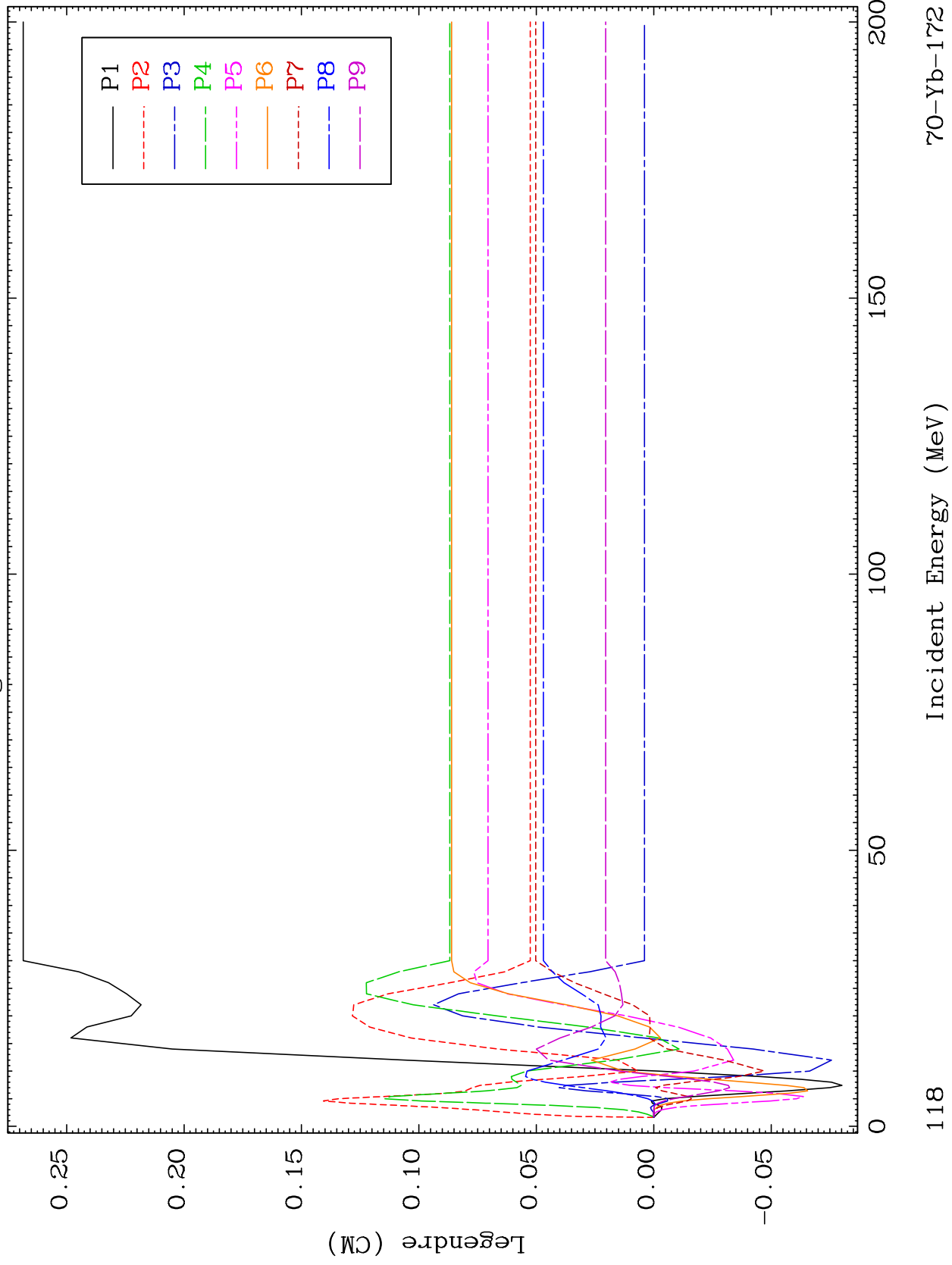
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

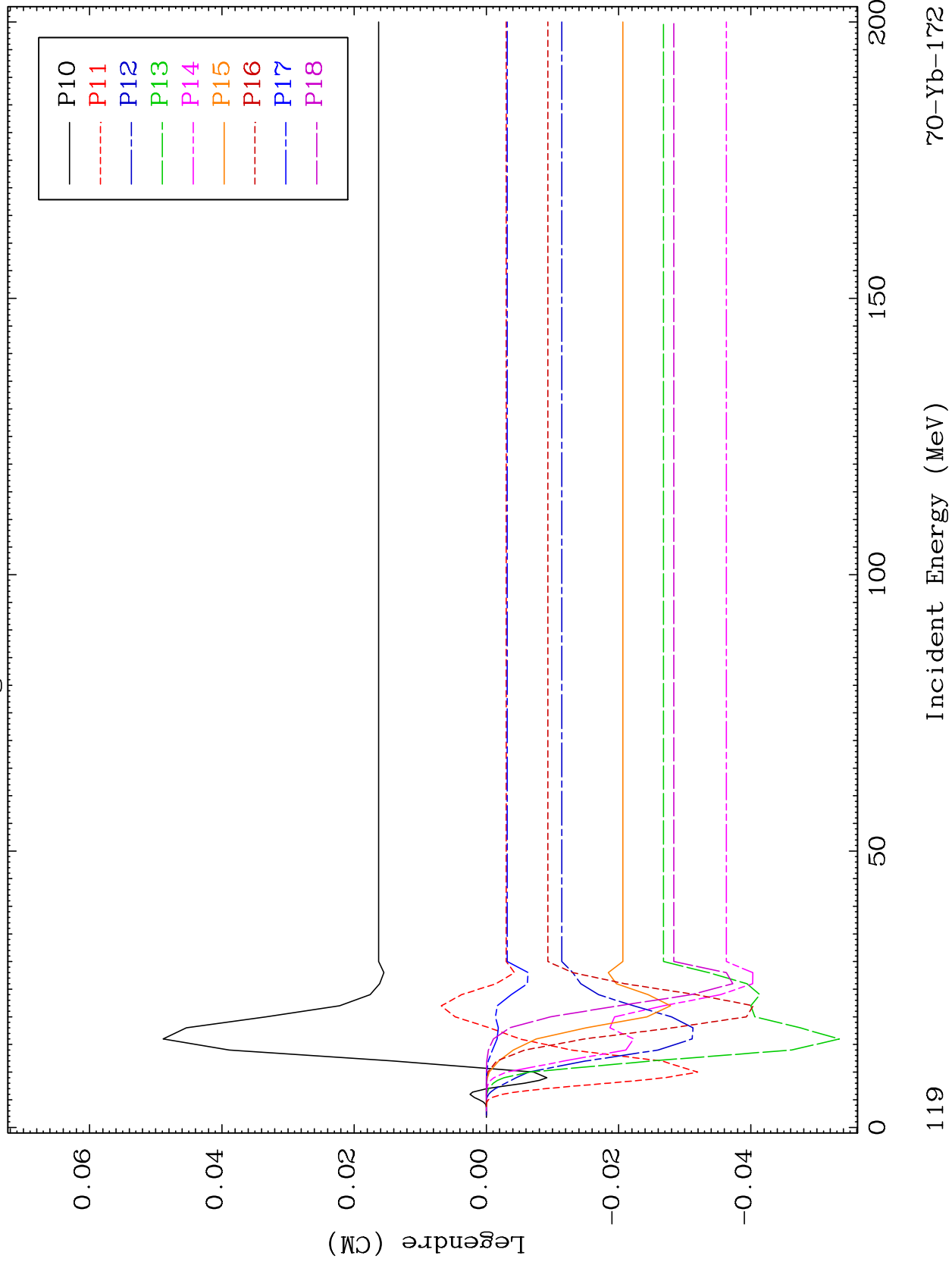
Incident Energy (MeV)

118

MAT 7037

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

70-Yb-172



119

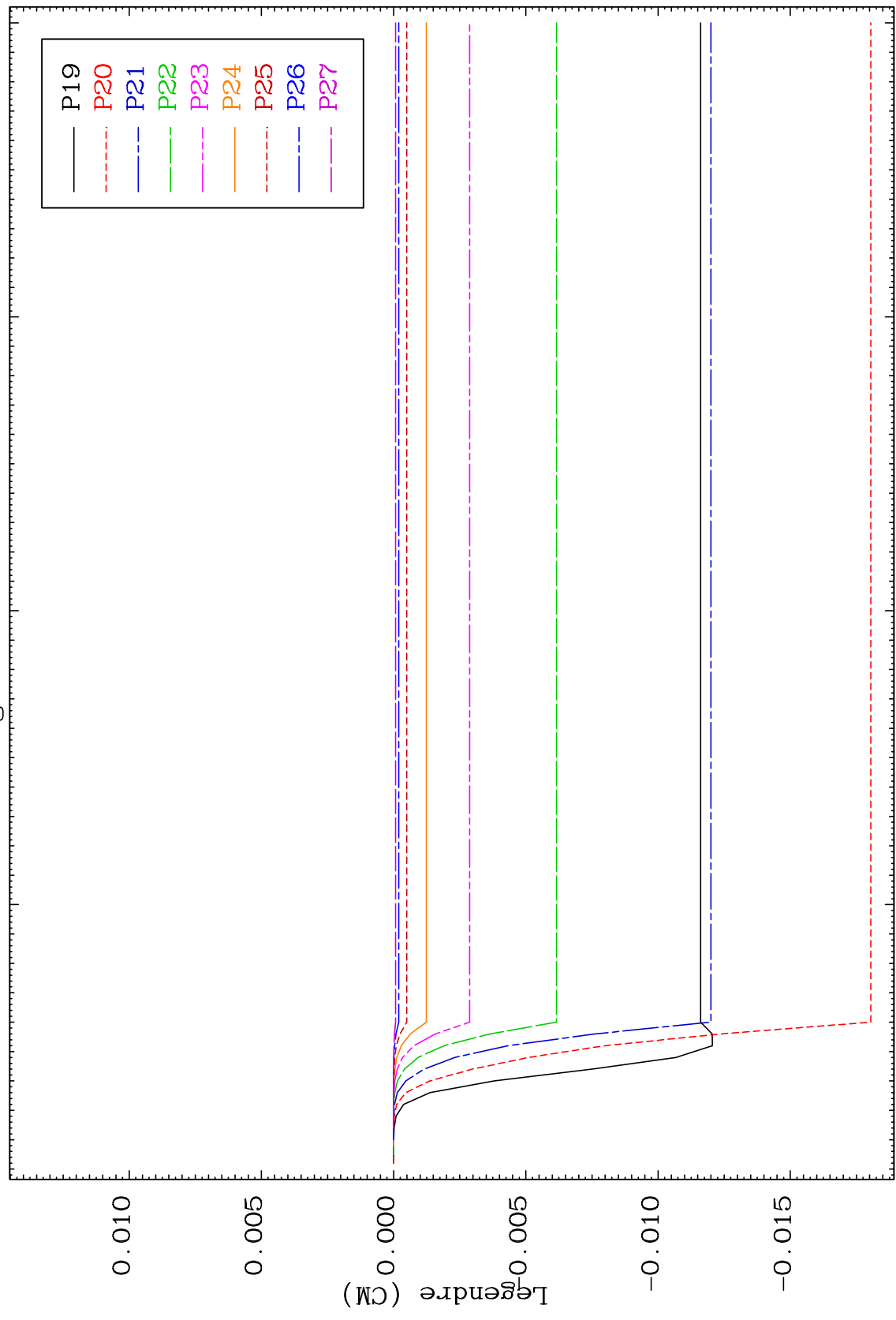
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

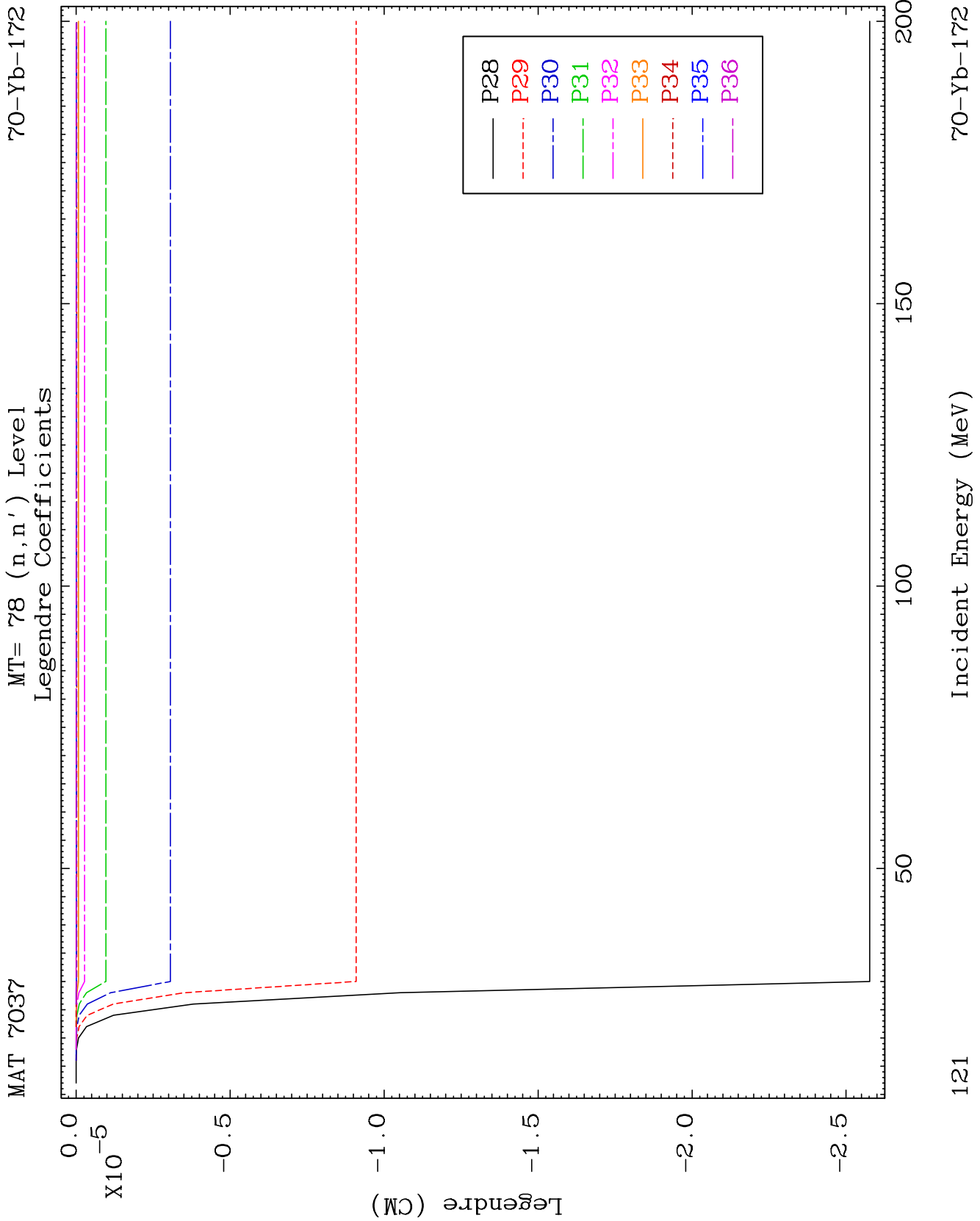
70-Yb-172



120

Incident Energy (MeV)

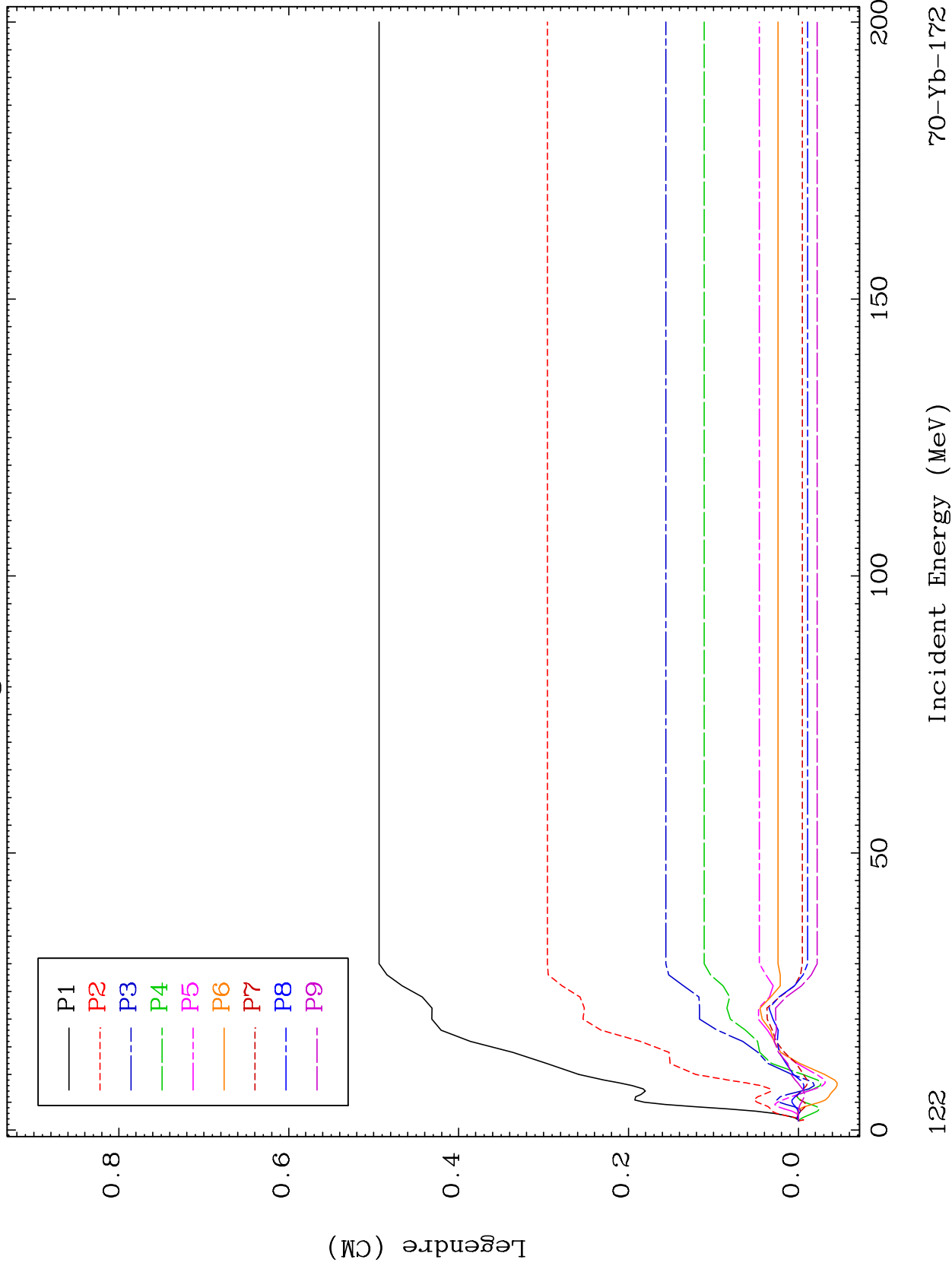
70-Yb-172



MAT 7037

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

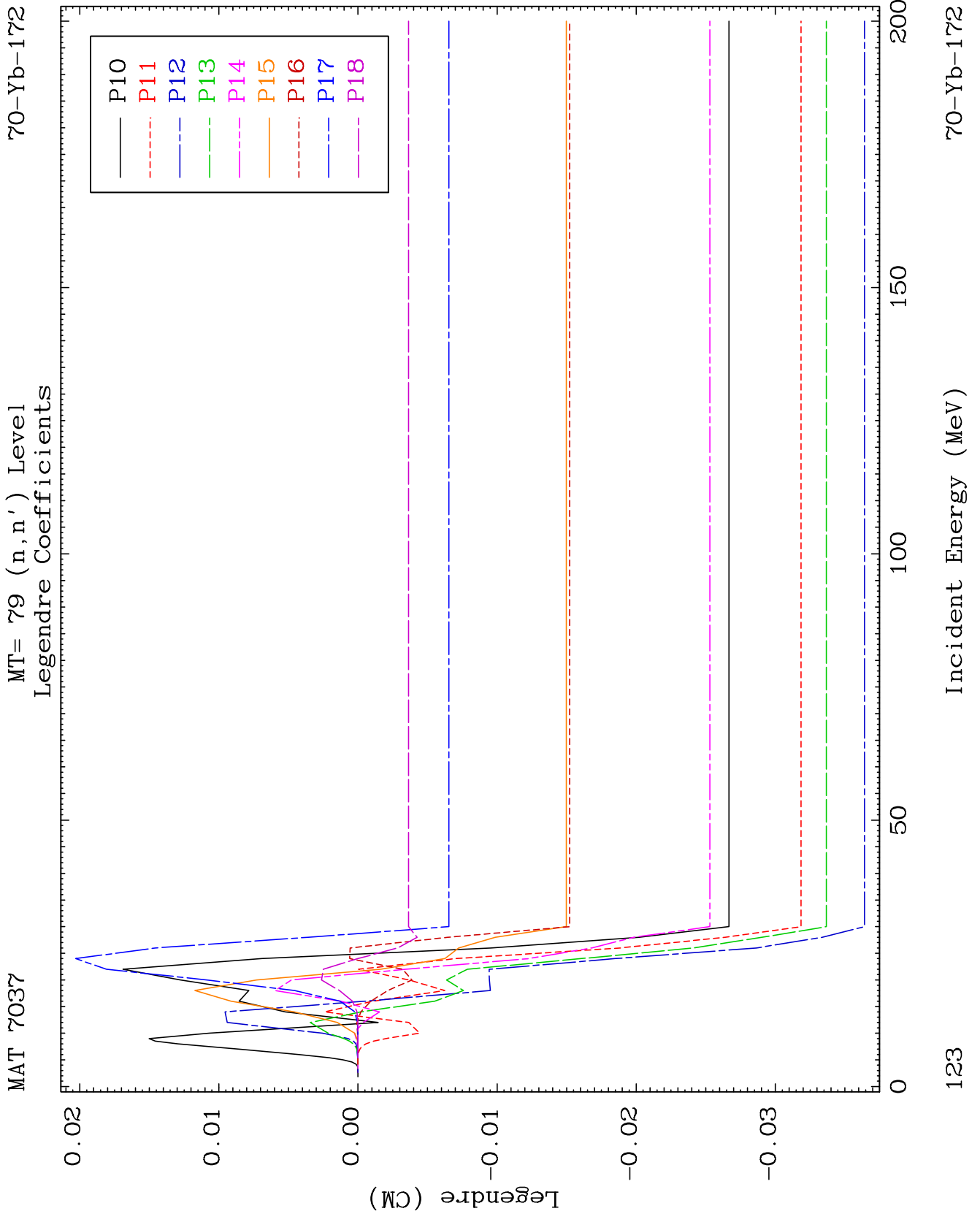
70-Yb-172



70-Yb-172

Incident Energy (MeV)

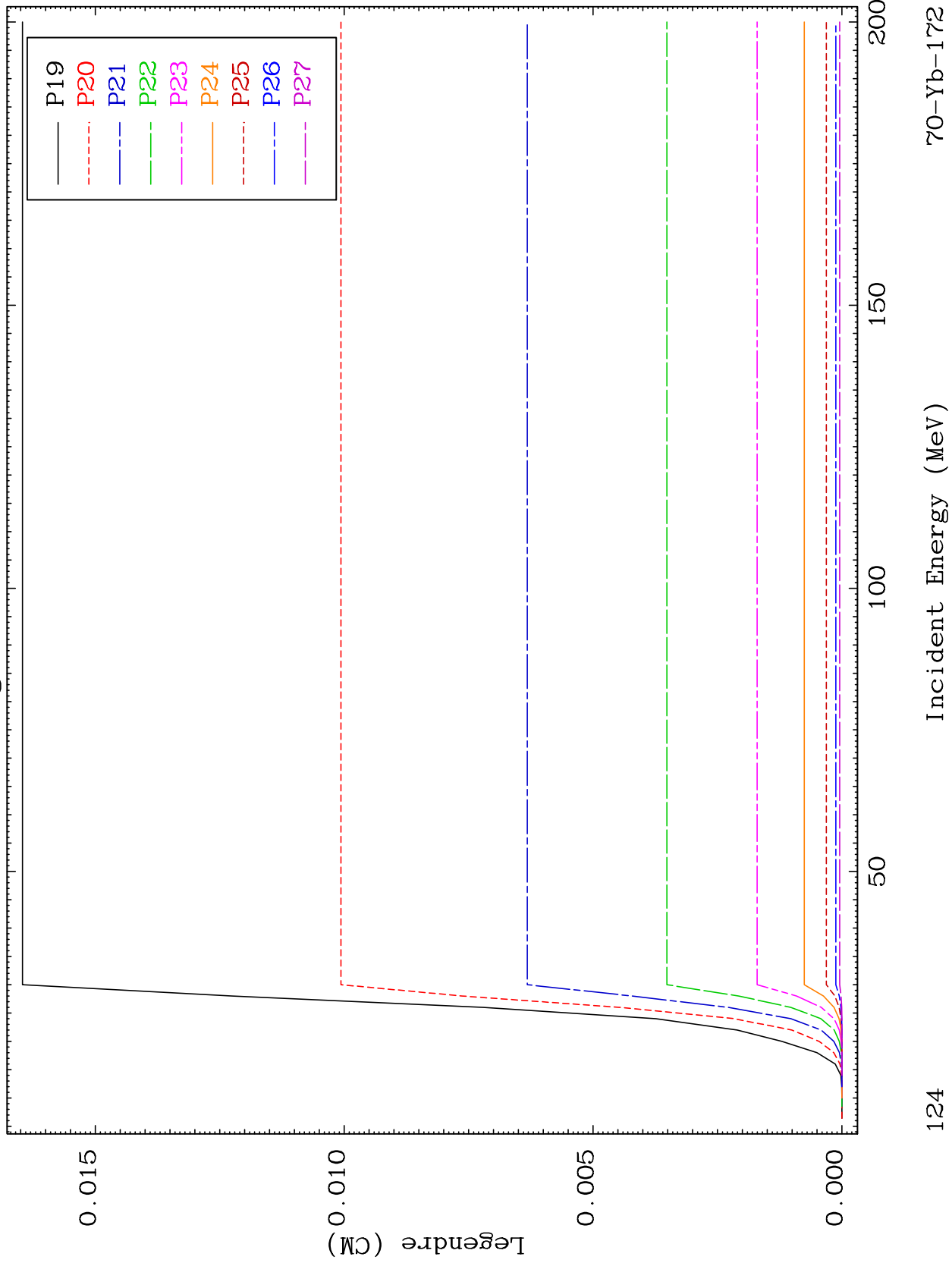
122



MAT 7037

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

70-Yb-172



124

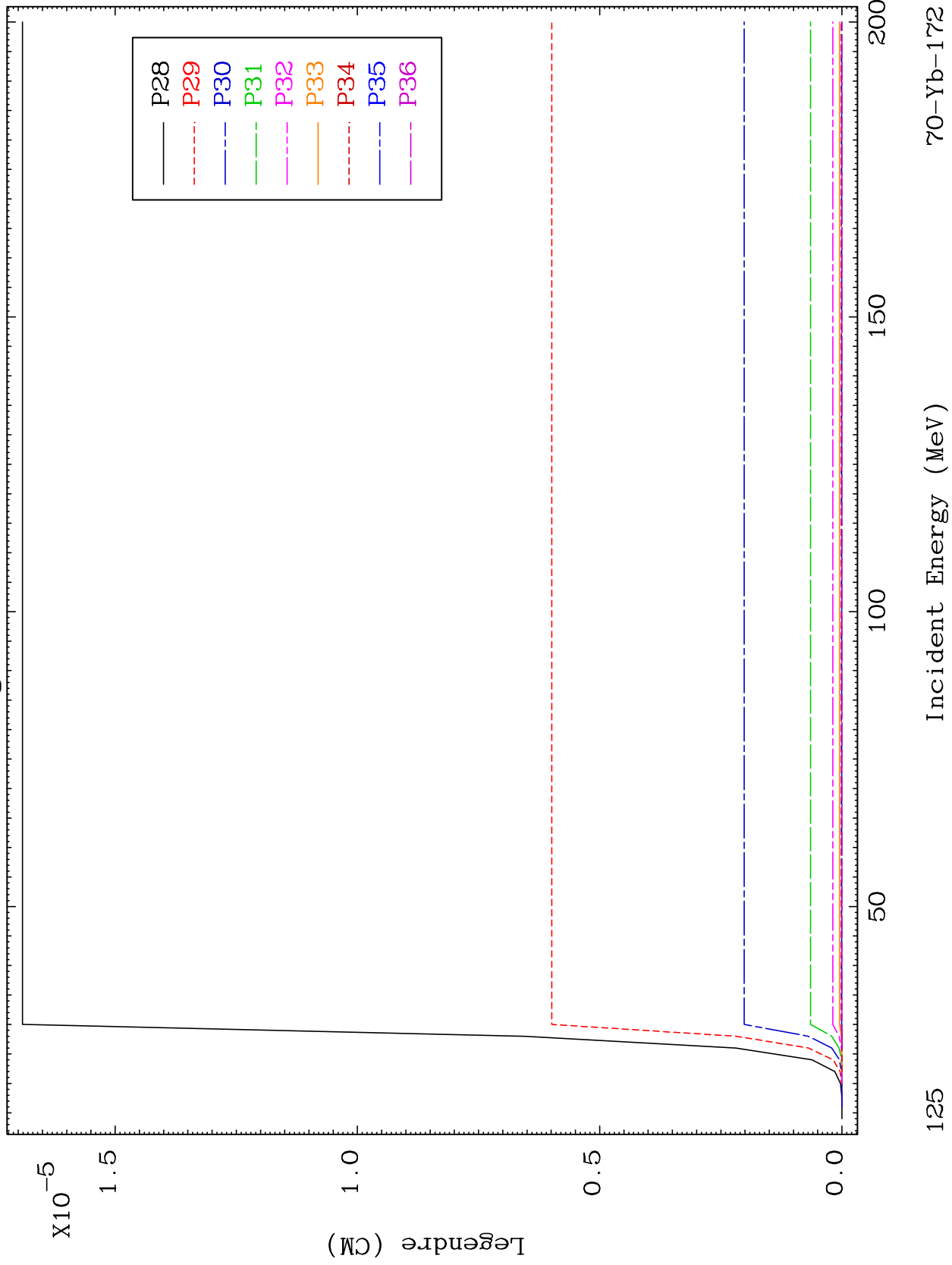
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

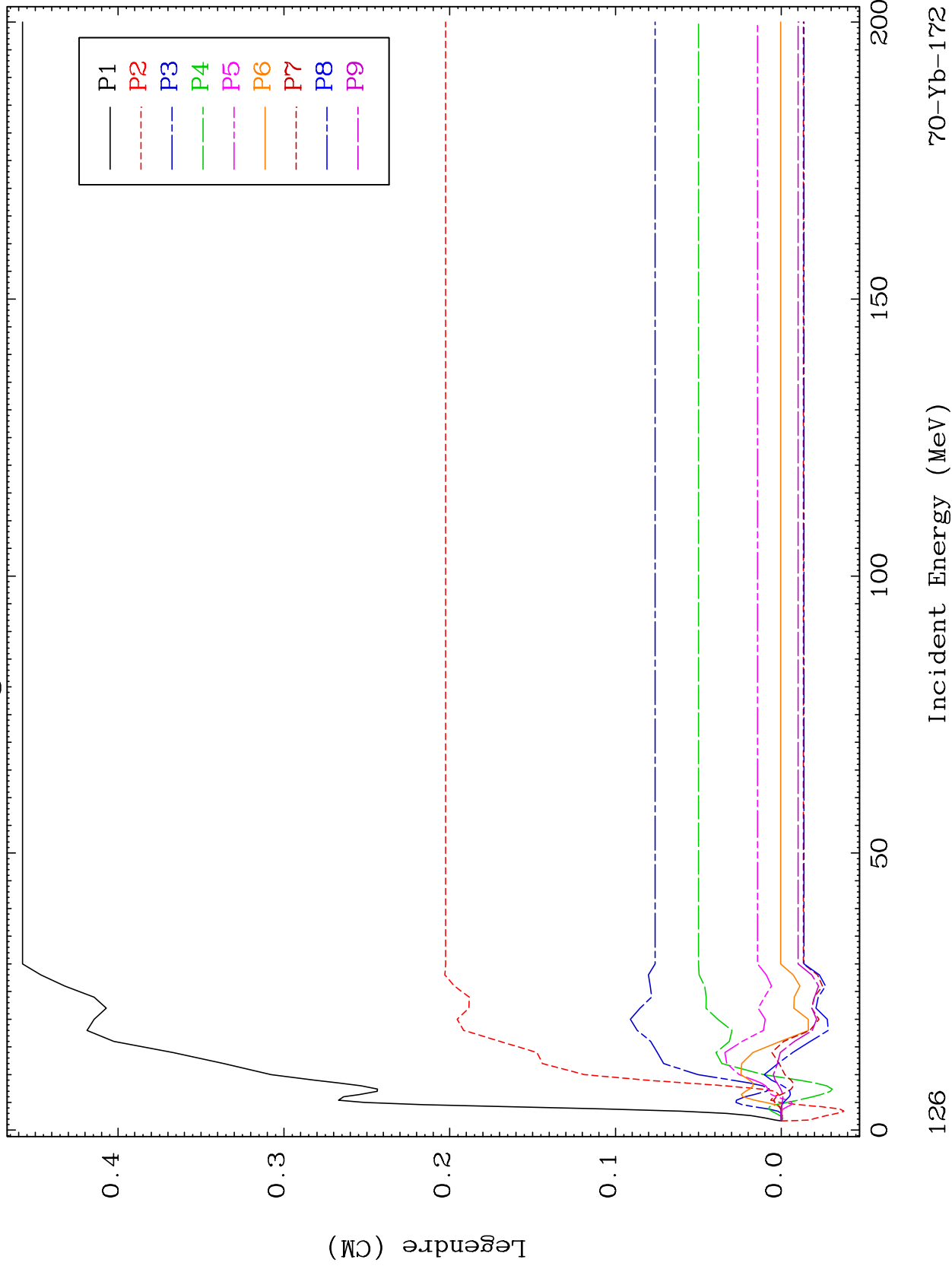
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

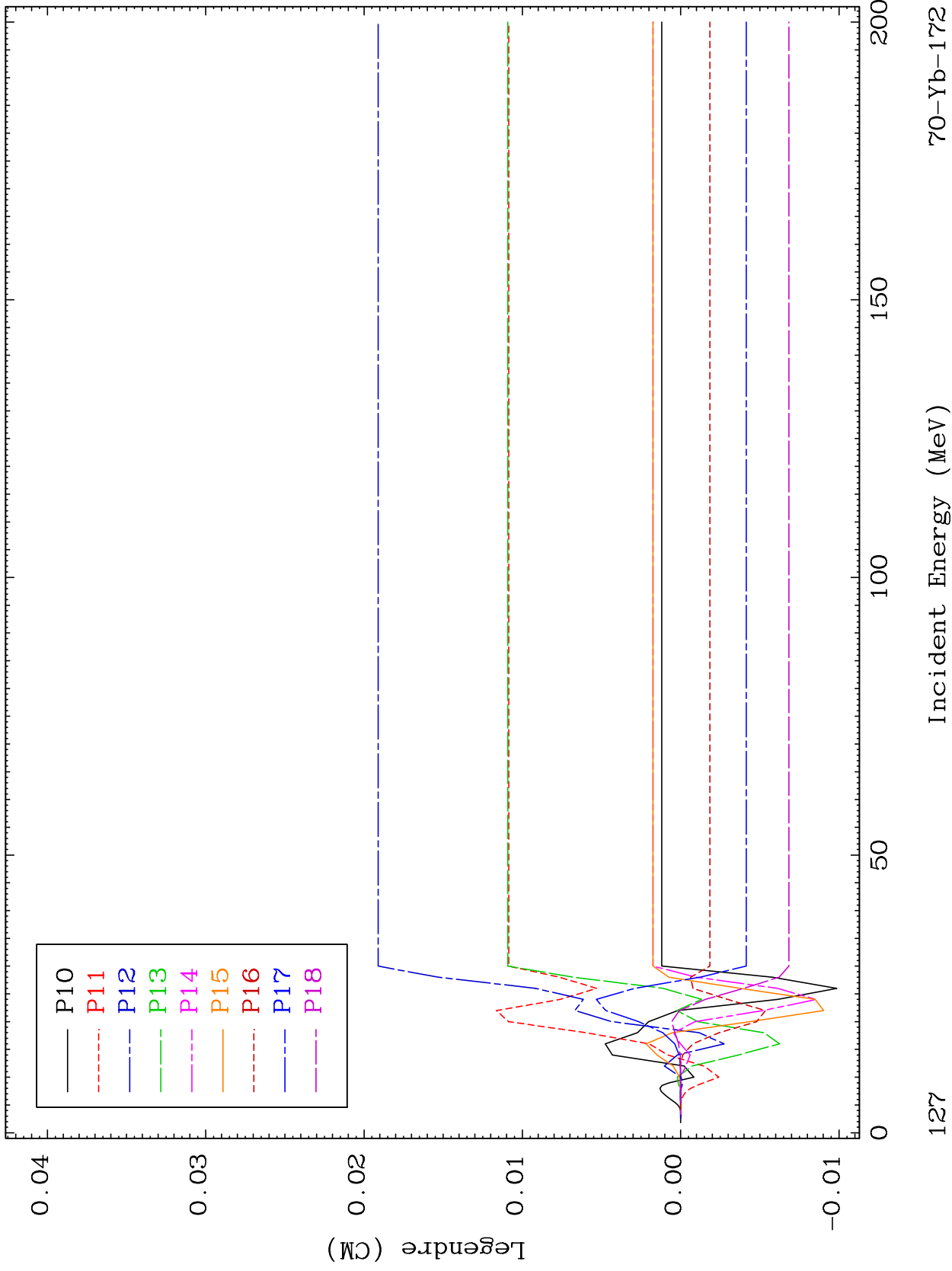
Incident Energy (MeV)

126

MAT 7037

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

70-Yb-172



127

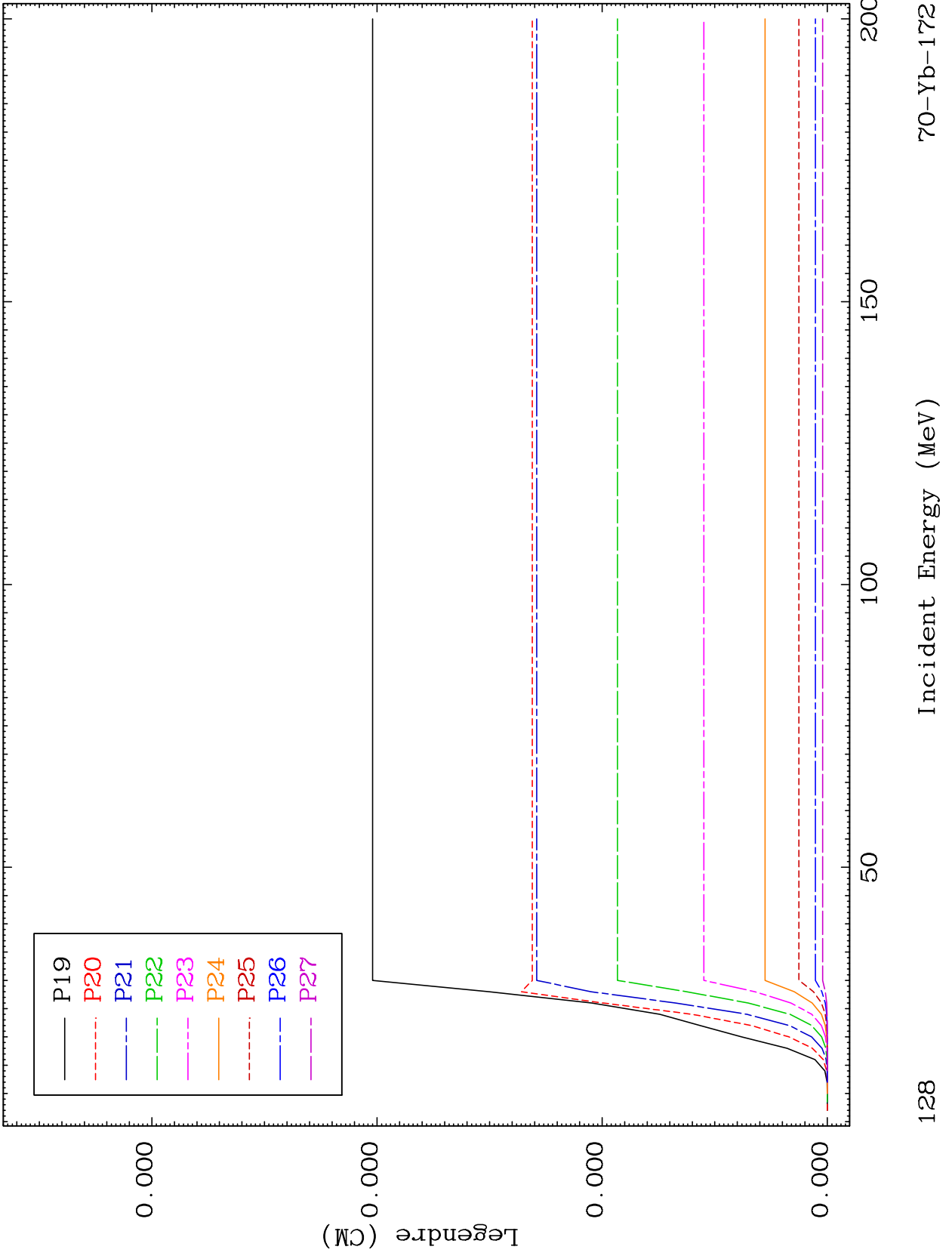
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

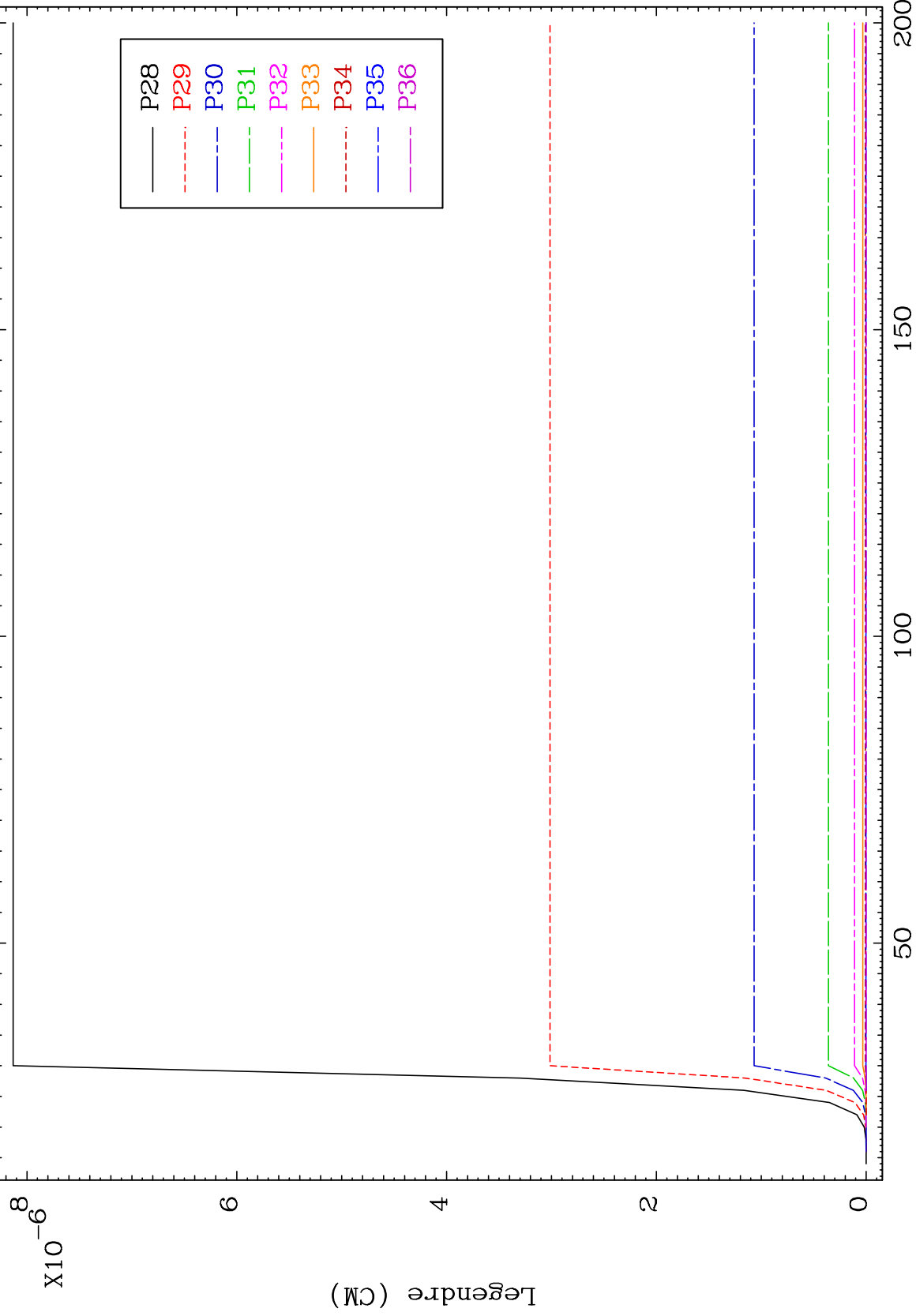
70-Yb-172



MAT 7037

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

70-Yb-172



129

Incident Energy (MeV)

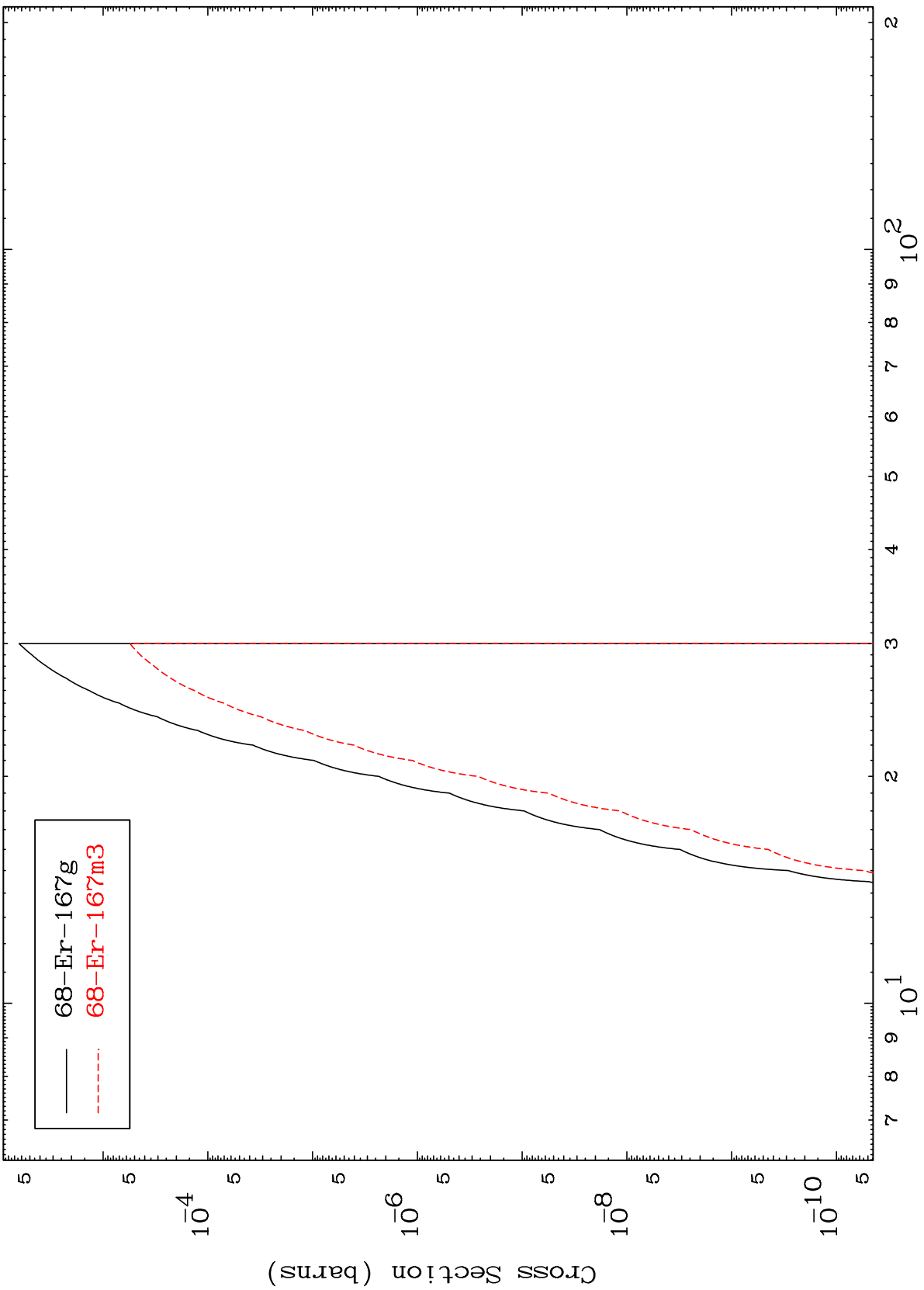
70-Yb-172

MAT 7037

(n,2n) α

70-Yb-172

Radionuclide Production Cross Section



68-Er-167g
68-Er-167m3

130

Incident Energy (MeV)

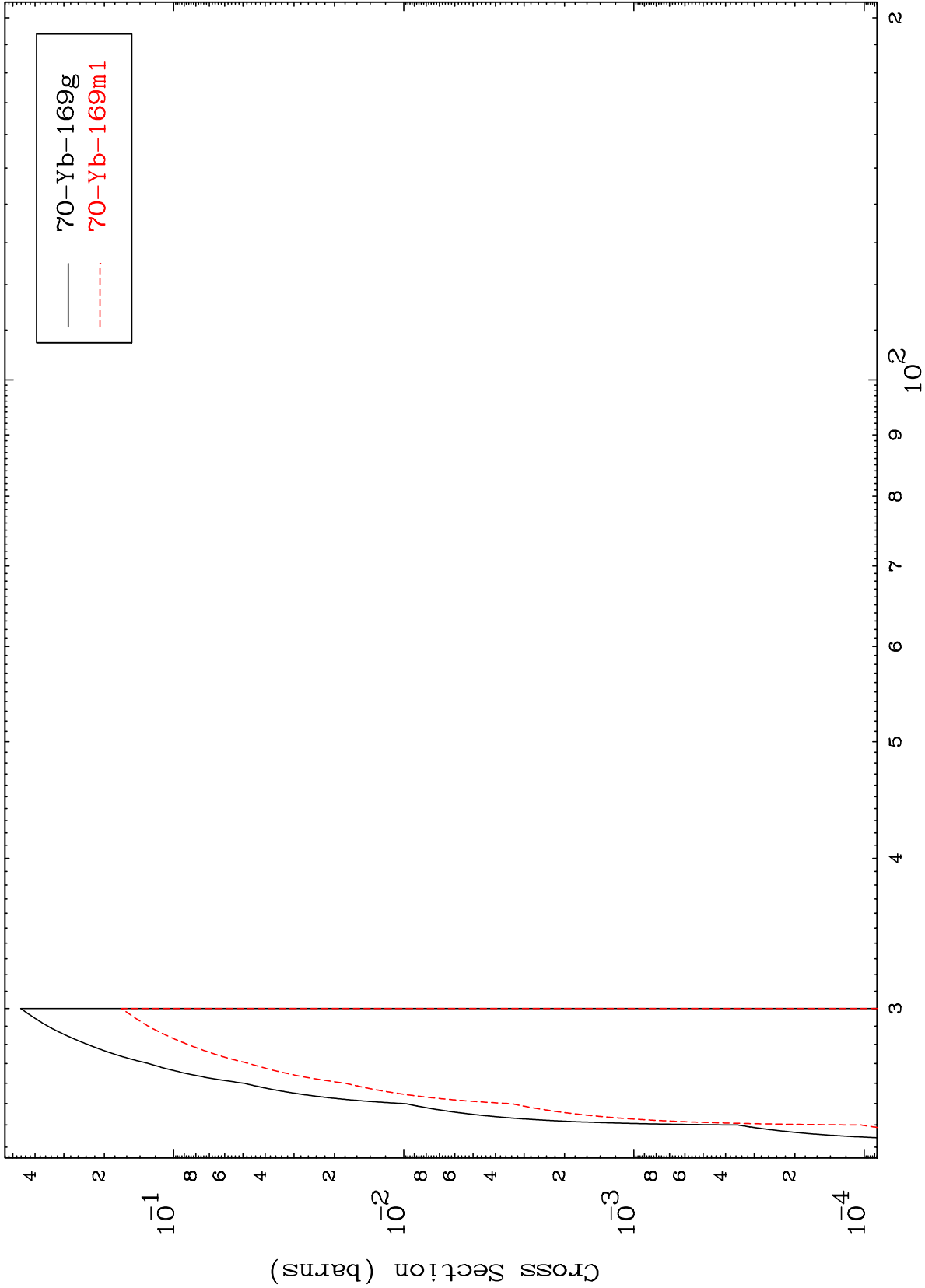
70-Yb-172

MAT 7037

(n,4n)

70-Yb-172

Radionuclide Production Cross Section



131

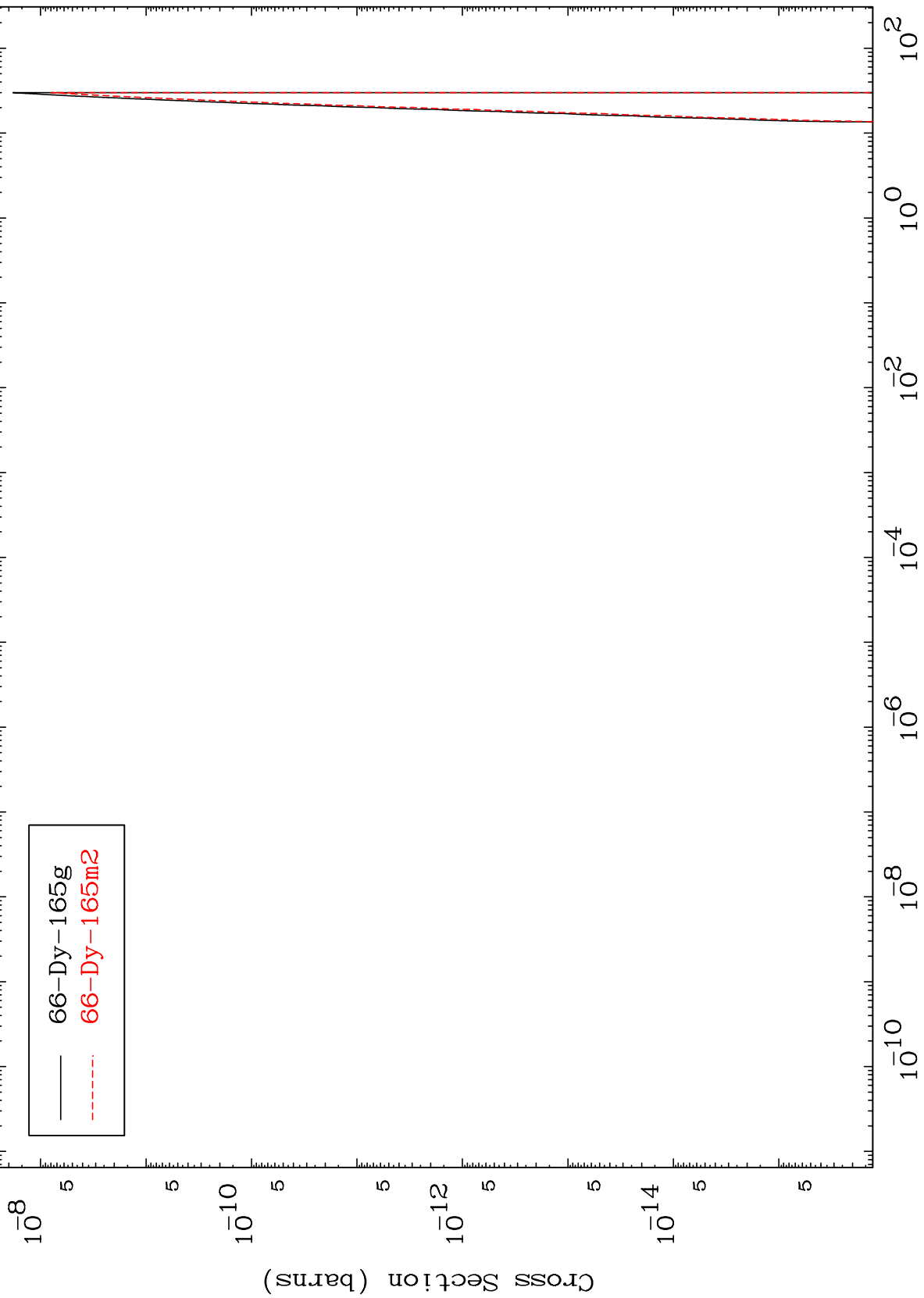
Incident Energy (MeV)

70-Yb-172

MAT 7037

70-Yb-172

(n,2α)
Radionuclide Production Cross Section



— 66-Dy-165g
- - - 66-Dy-165m2

70-Yb-172

Incident Energy (MeV)

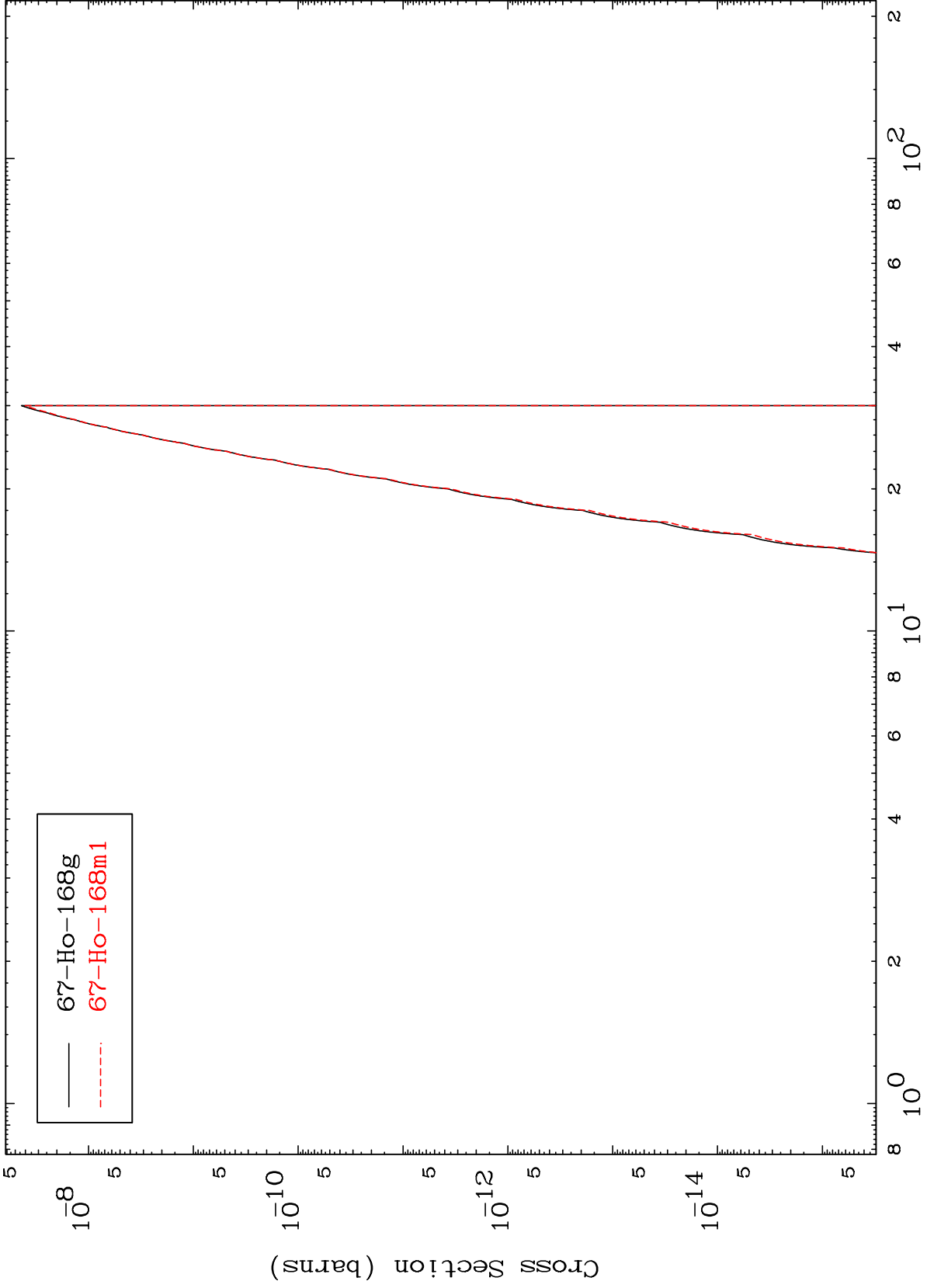
132

MAT 7037

(n,p) α

70-Yb-172

Radionuclide Production Cross Section



133

Incident Energy (MeV)

70-Yb-172