

Program EVALPLOT  
(Version 2017-1)

by

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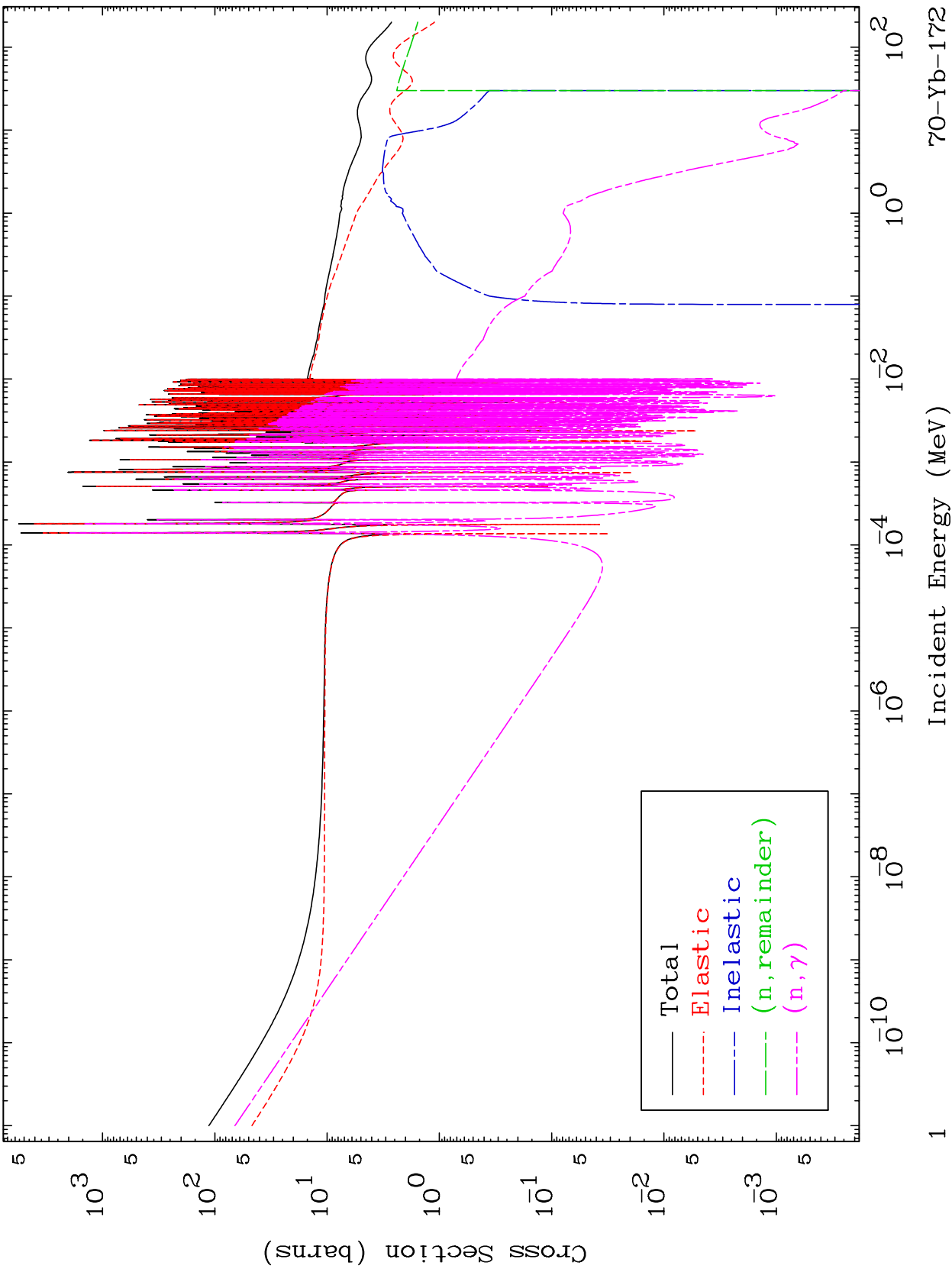
Press Mouse Button to Start

MAT 7037

Major

293 Kelvin Cross Sections

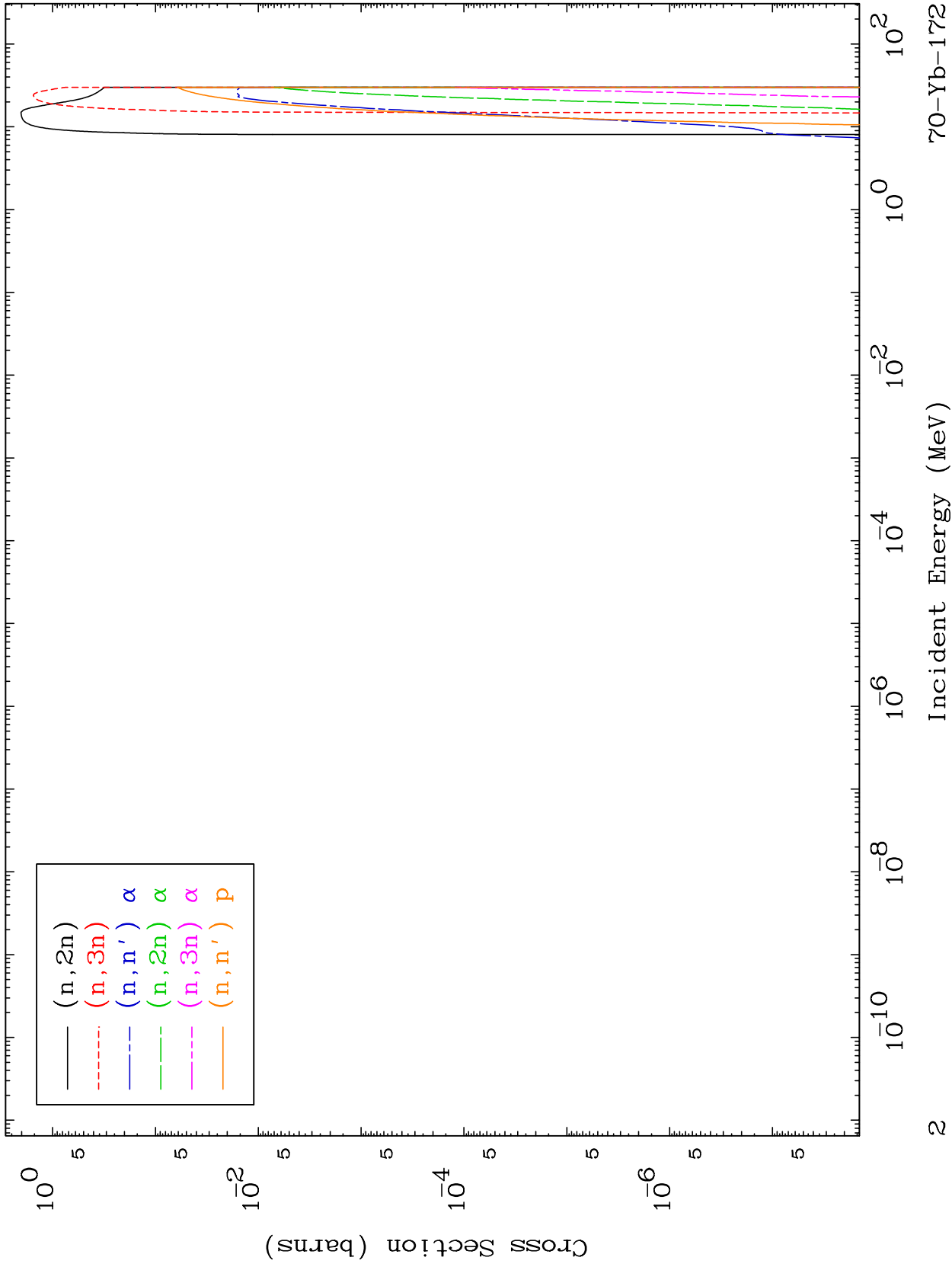
70-Yb-172

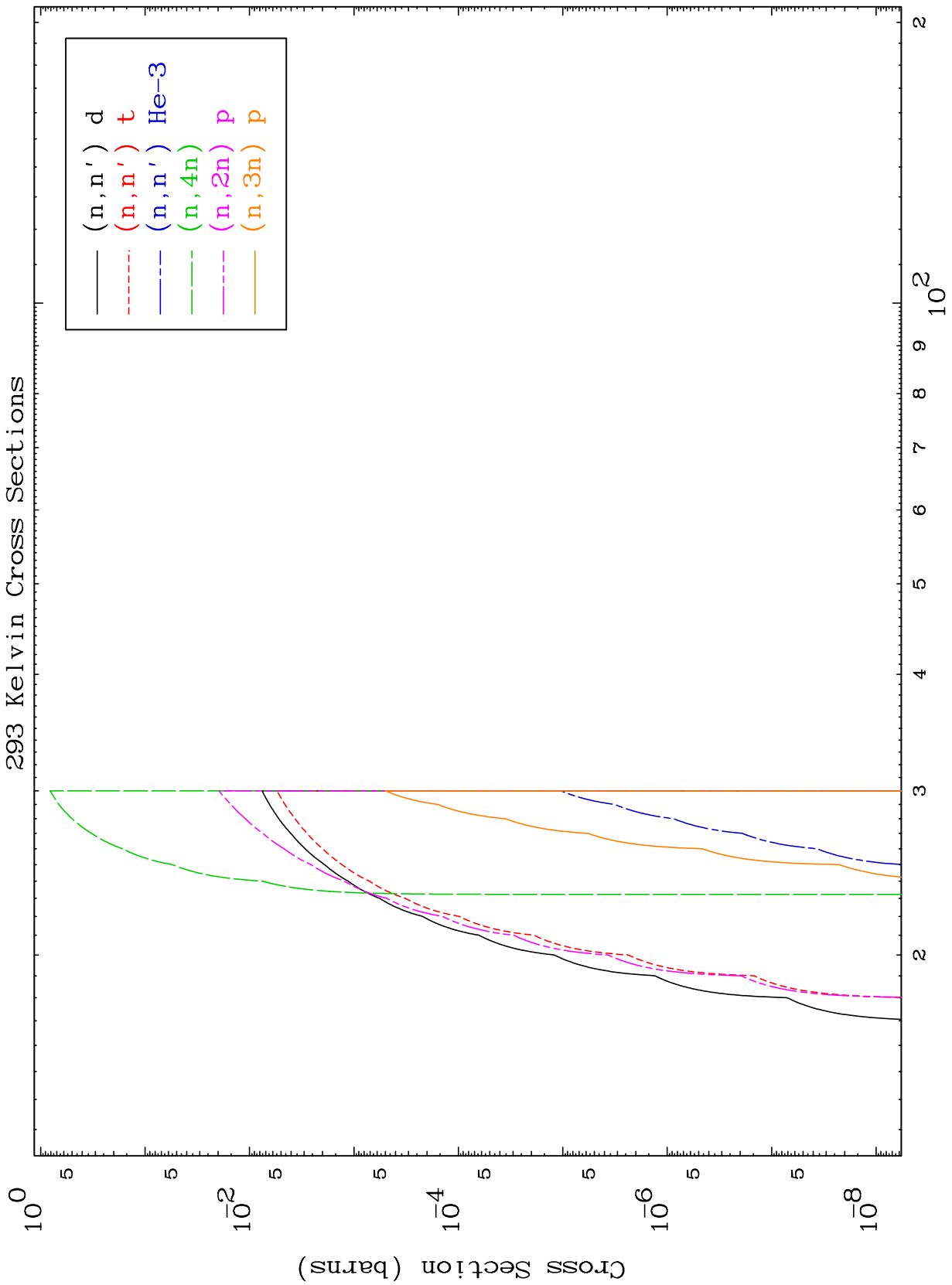


MAT 7037

Neutron Production  
293 Kelvin Cross Sections

70-Yb-172

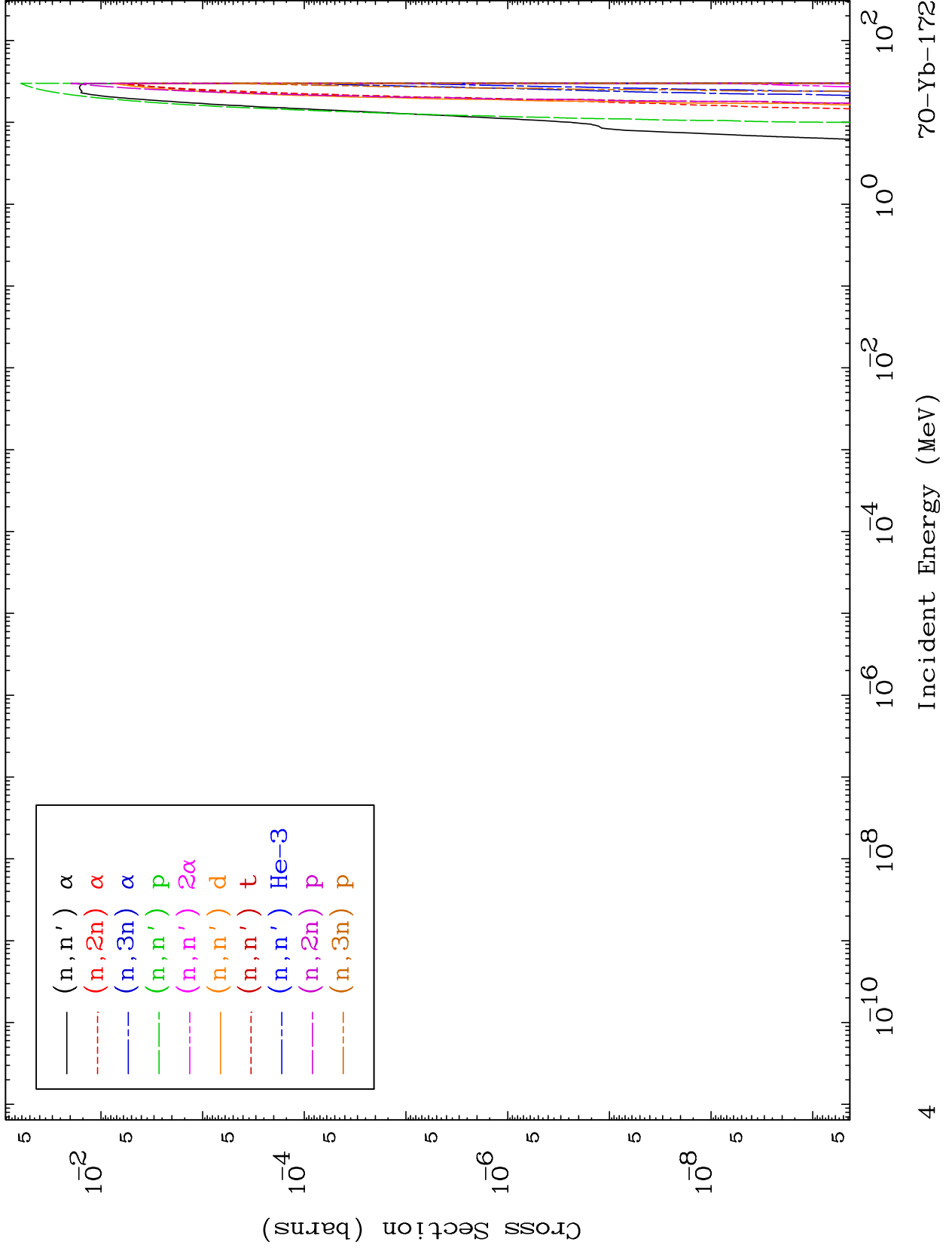




MAT 7037

Charged Particle  
293 Kelvin Cross Sections

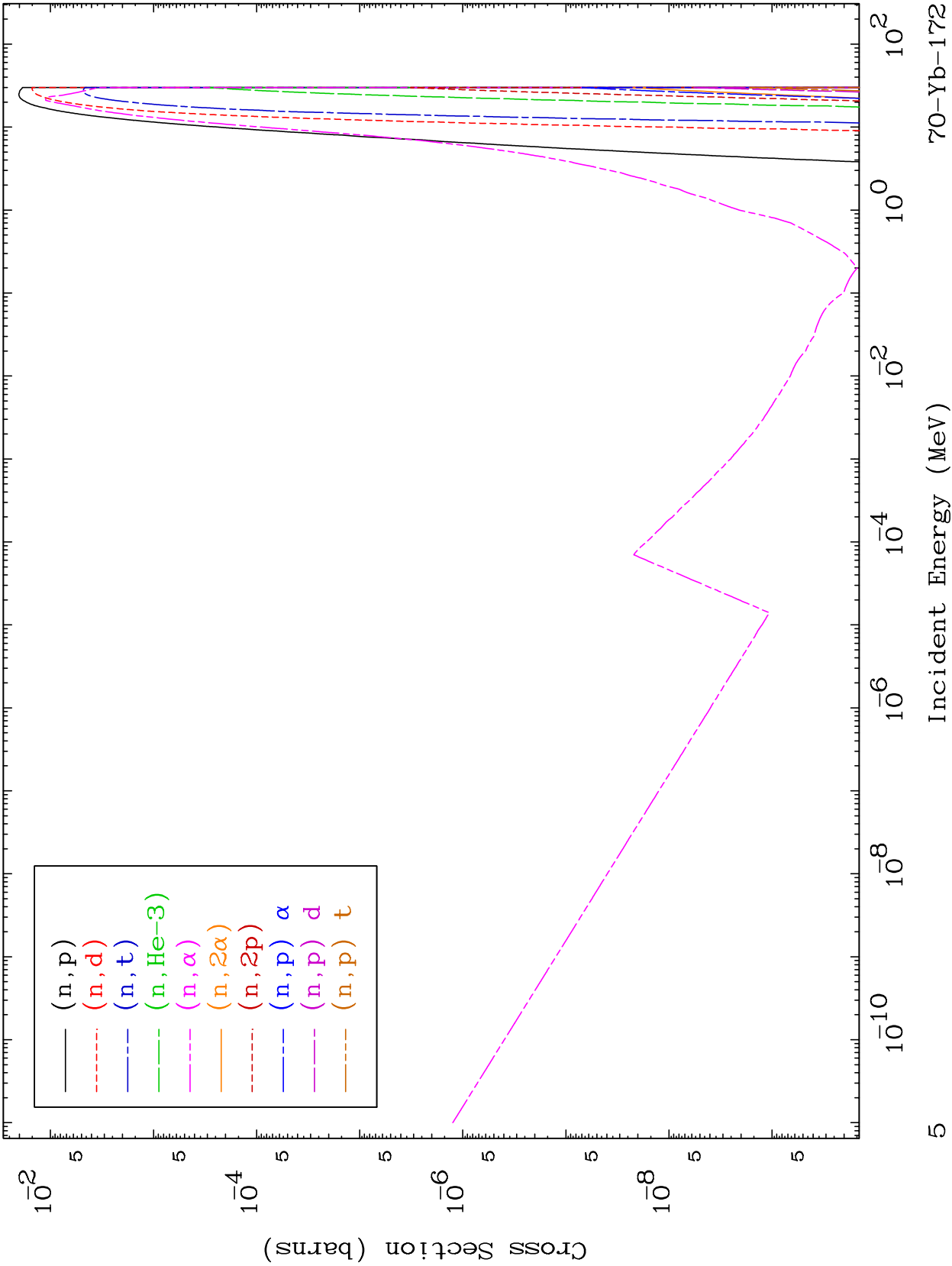
70-Yb-172



MAT 7037

Charged Particle  
293 Kelvin Cross Sections

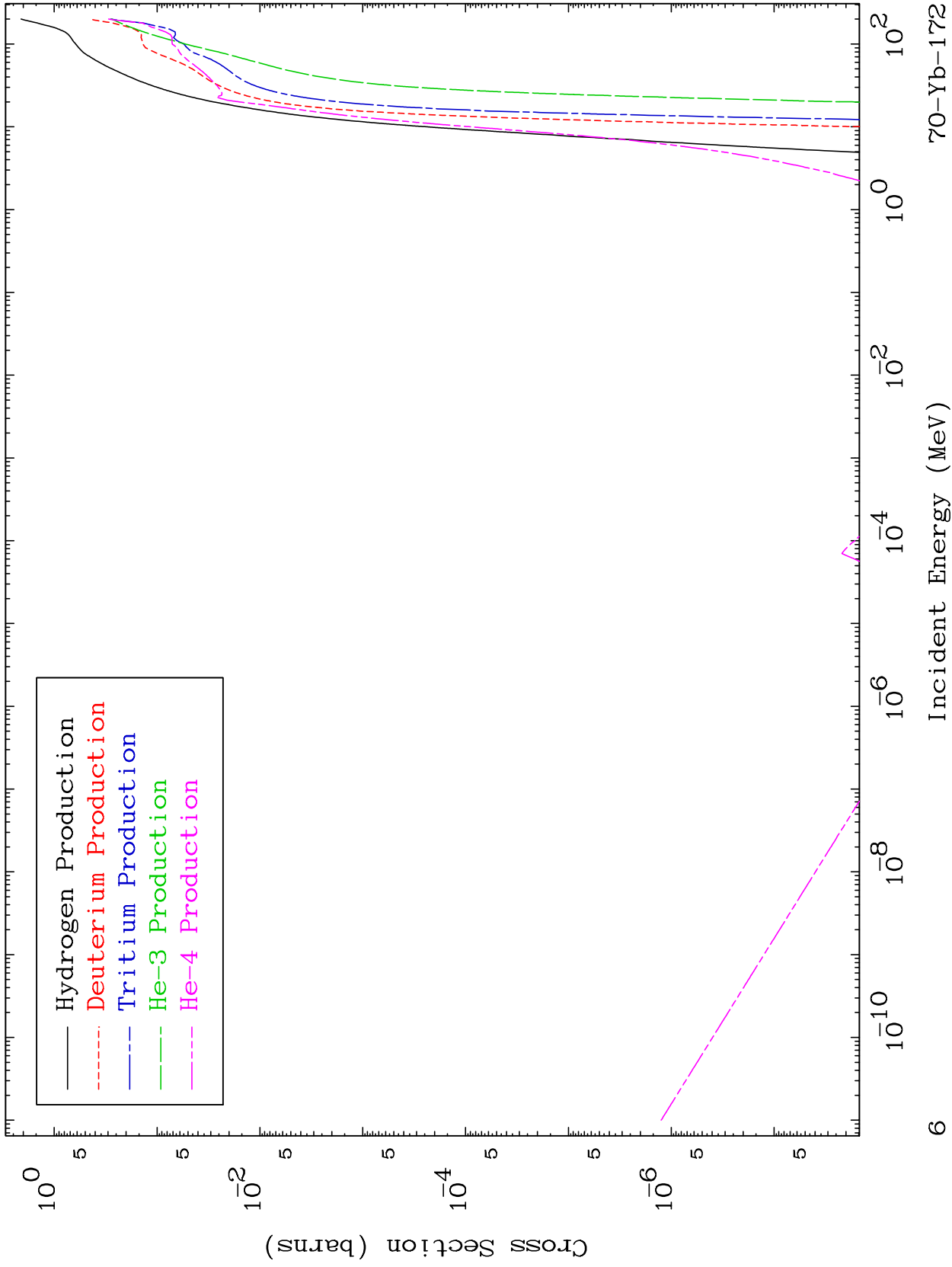
70-Yb-172



MAT 7037

Particle Production  
293 Kelvin Cross Sections

70-Yb-172

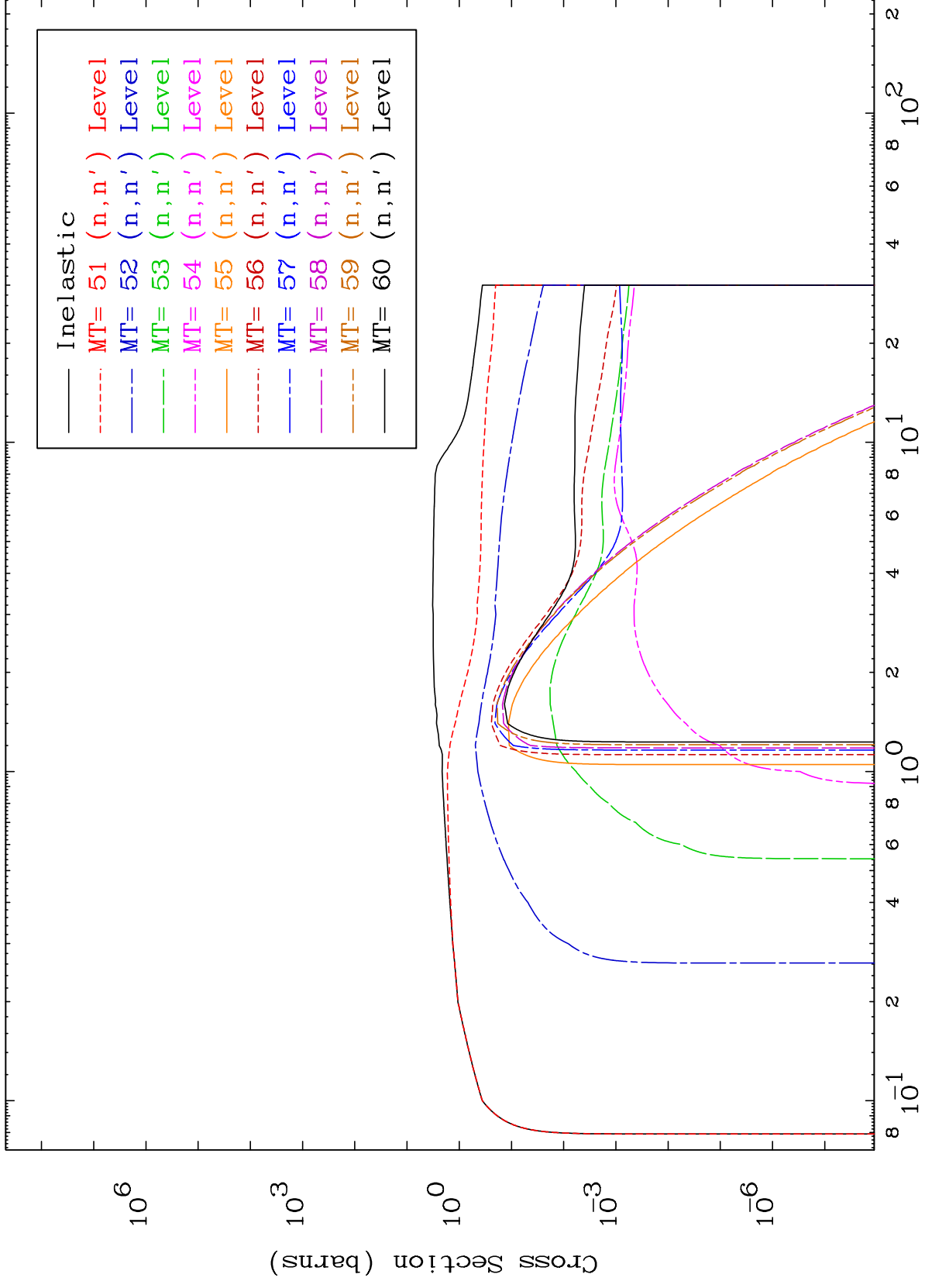


MAT 7037

(n,n') Level

70-Yb-172

293 Kelvin Cross Sections



Incident Energy (MeV)

70-Yb-172

7

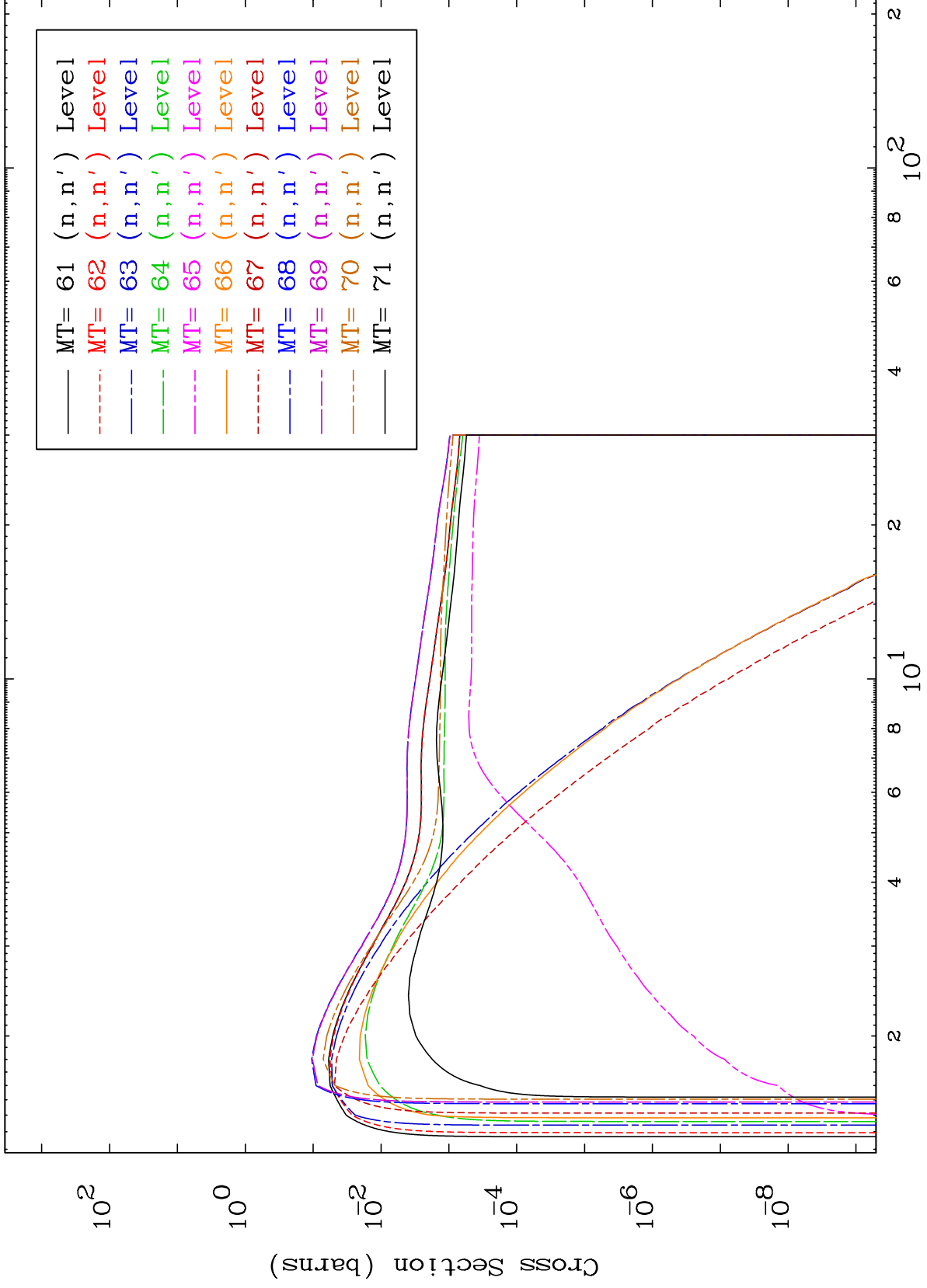


MAT 7037

(n,n') Level

293 Kelvin Cross Sections

70-Yb-172



8

Incident Energy (MeV)

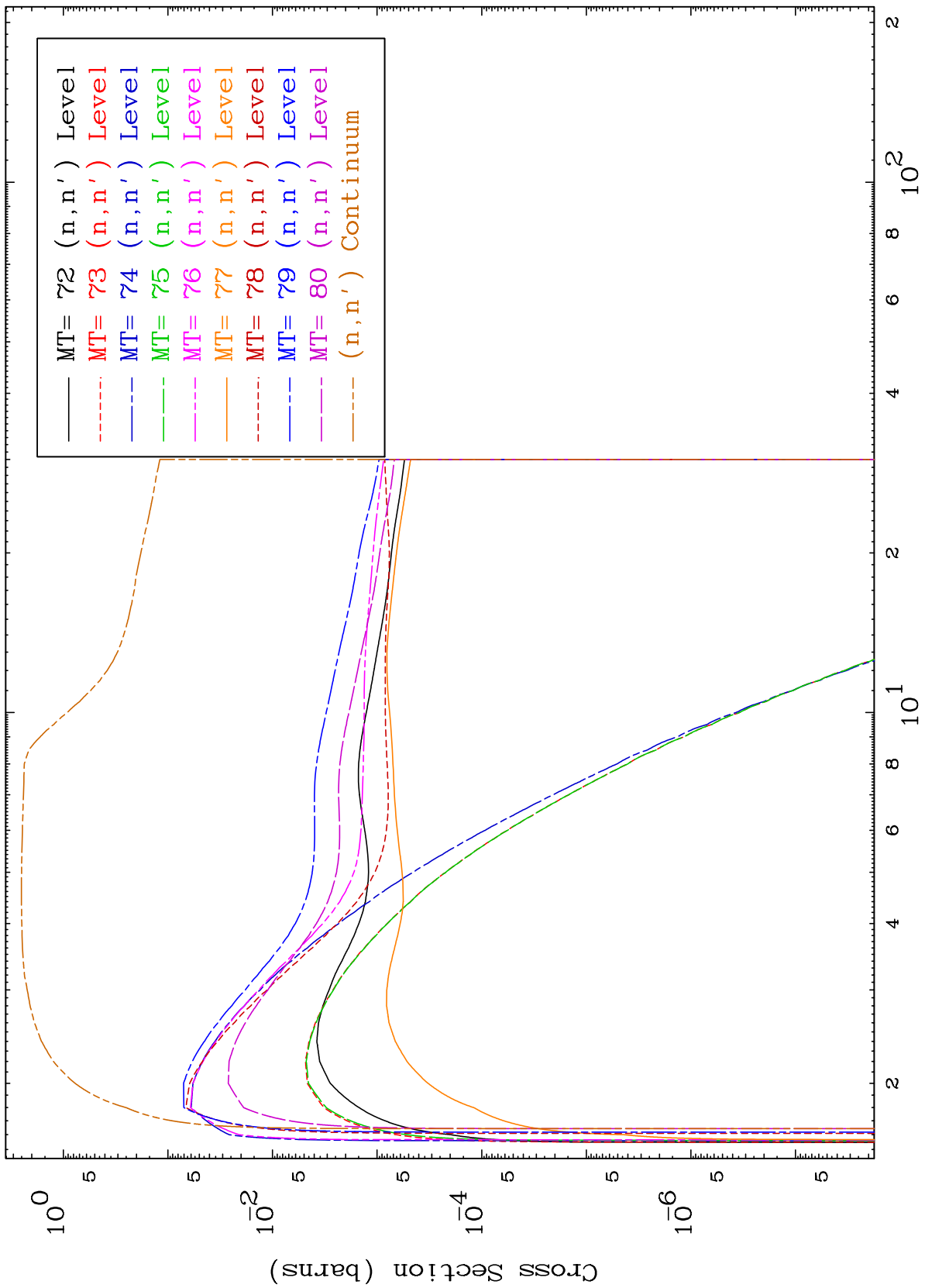
70-Yb-172

MAT 7037

(n,n') Level

70-Yb-172

293 Kelvin Cross Sections



9

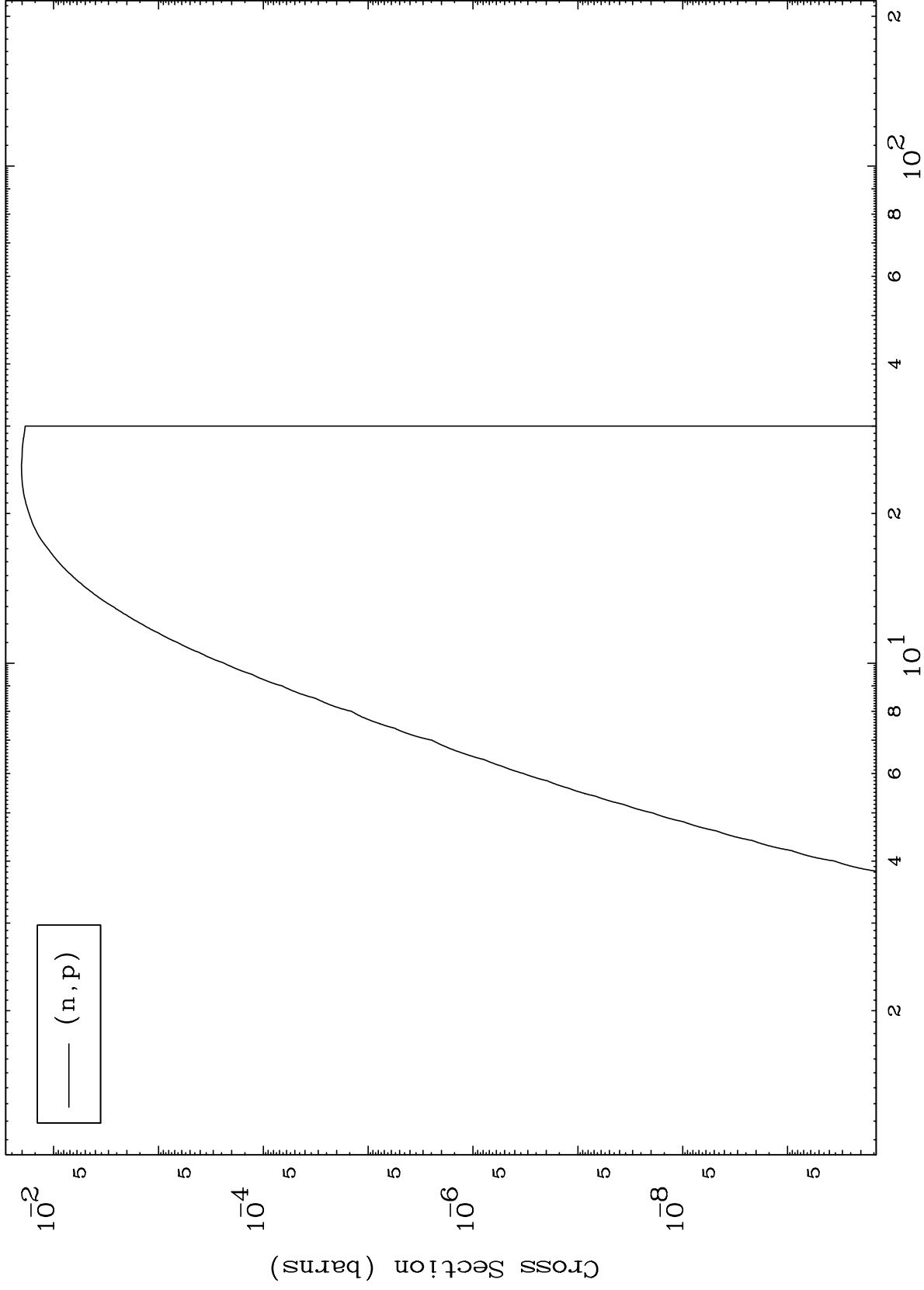
Incident Energy (MeV)

70-Yb-172

MAT 7037

(n,p) Levels  
293 Kelvin Cross Sections

70-Yb-172



10

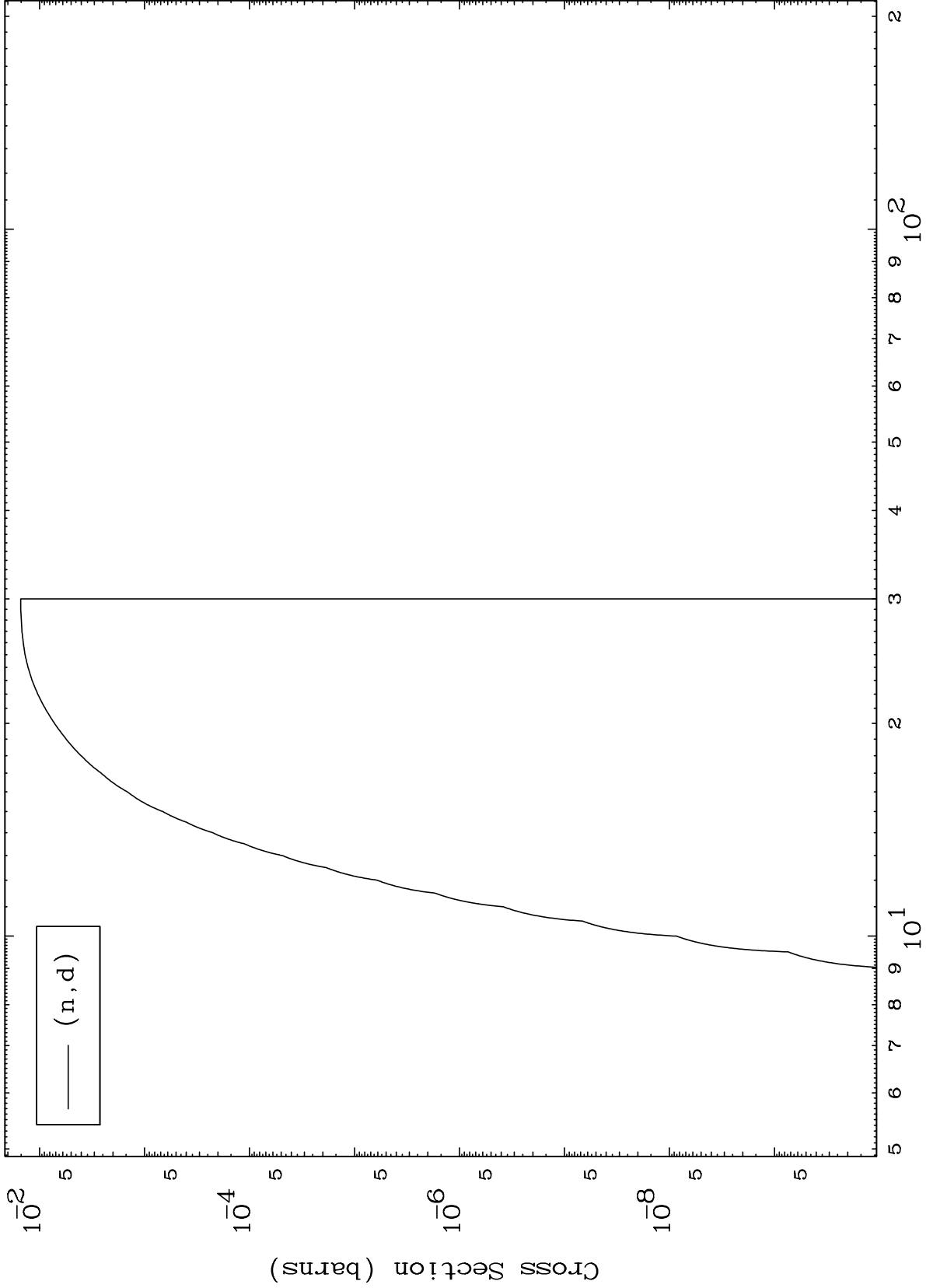
Incident Energy (MeV)

70-Yb-172

MAT 7037

(n,d) Levels  
293 Kelvin Cross Sections

70-Yb-172



(n,d)

Incident Energy (MeV)

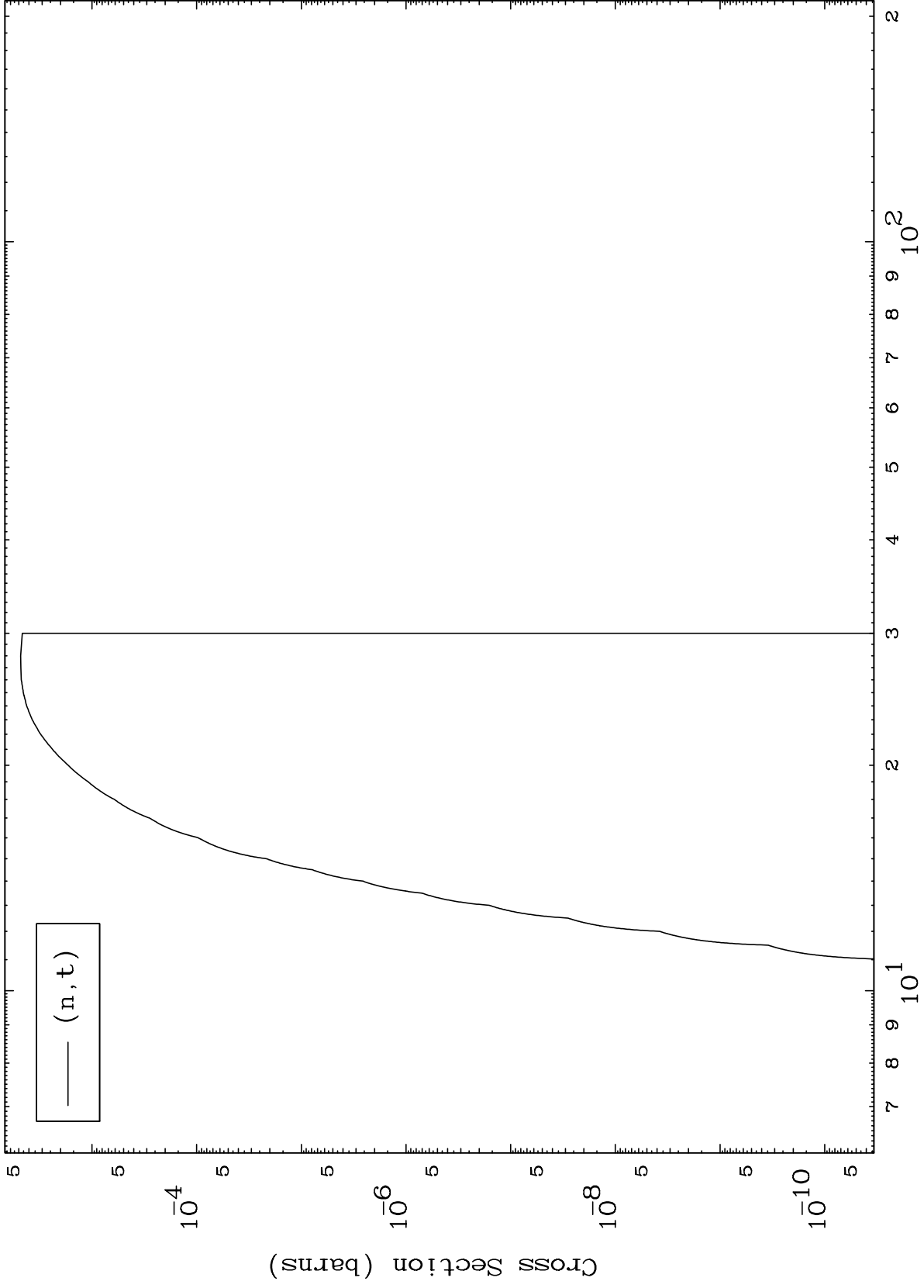
70-Yb-172

11

MAT 7037

(n,t) Levels  
293 Kelvin Cross Sections

70-Yb-172



12

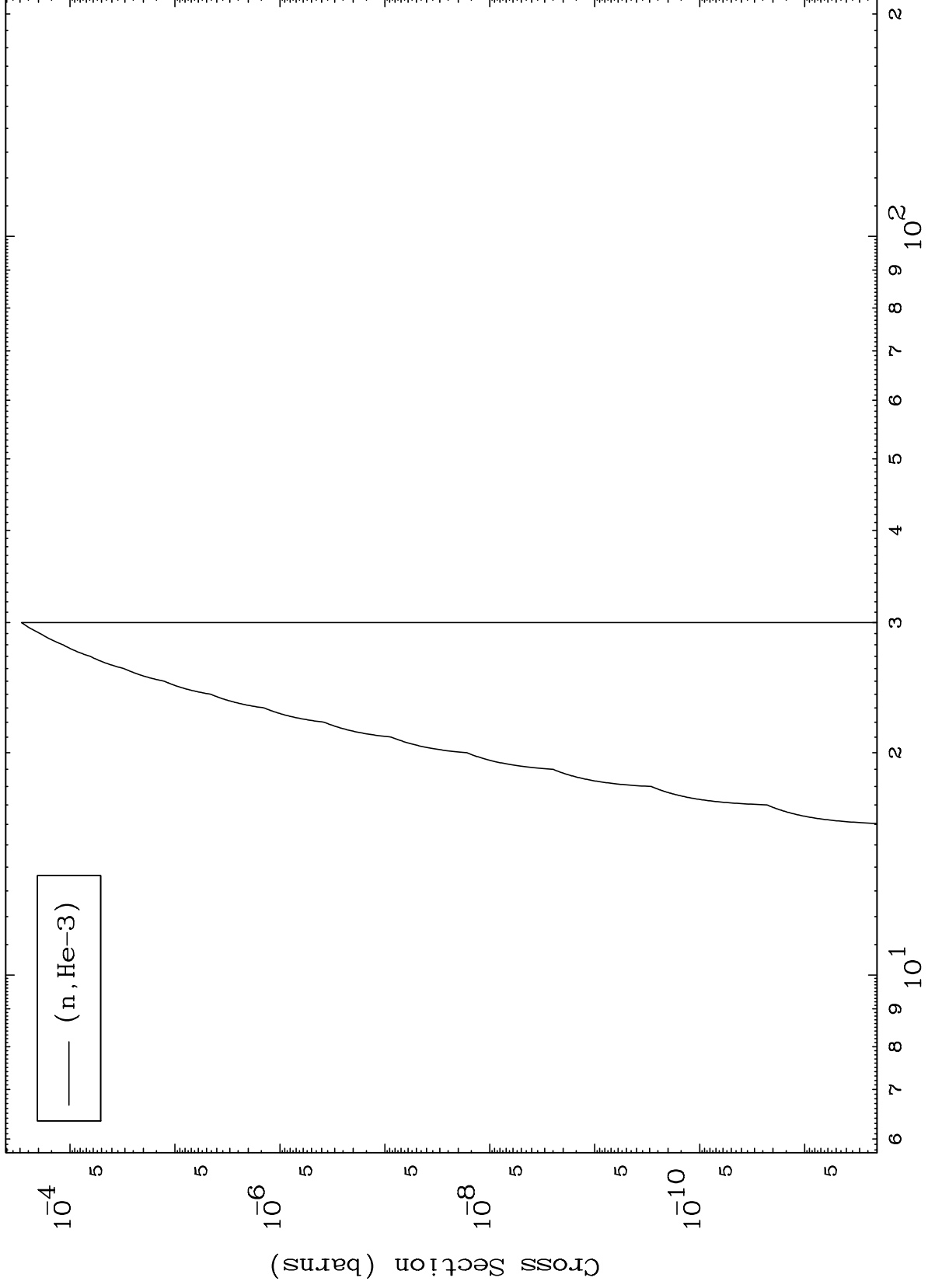
Incident Energy (MeV)

70-Yb-172

MAT 7037

(n,He3) Levels  
293 Kelvin Cross Sections

70-Yb-172



13

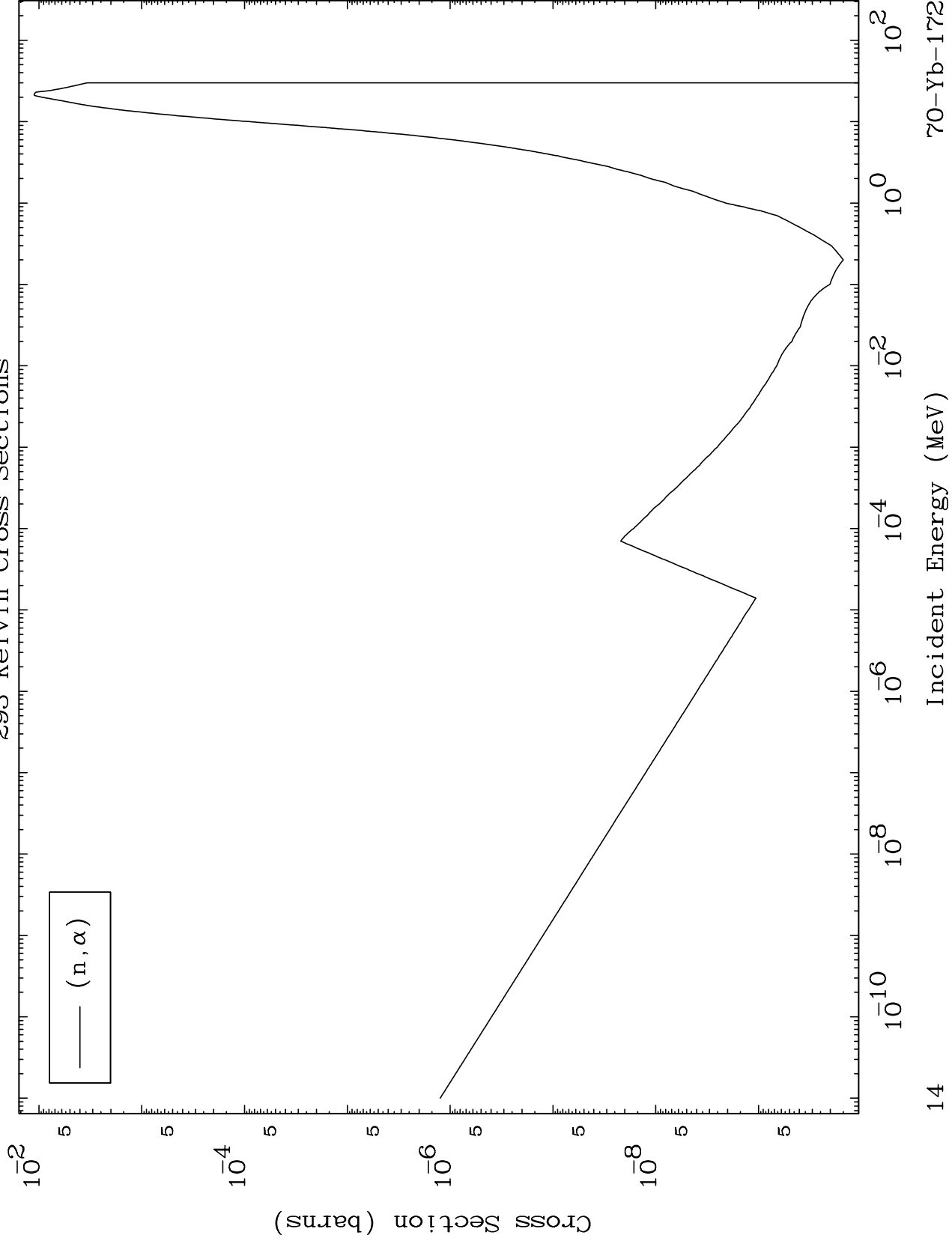
Incident Energy (MeV)

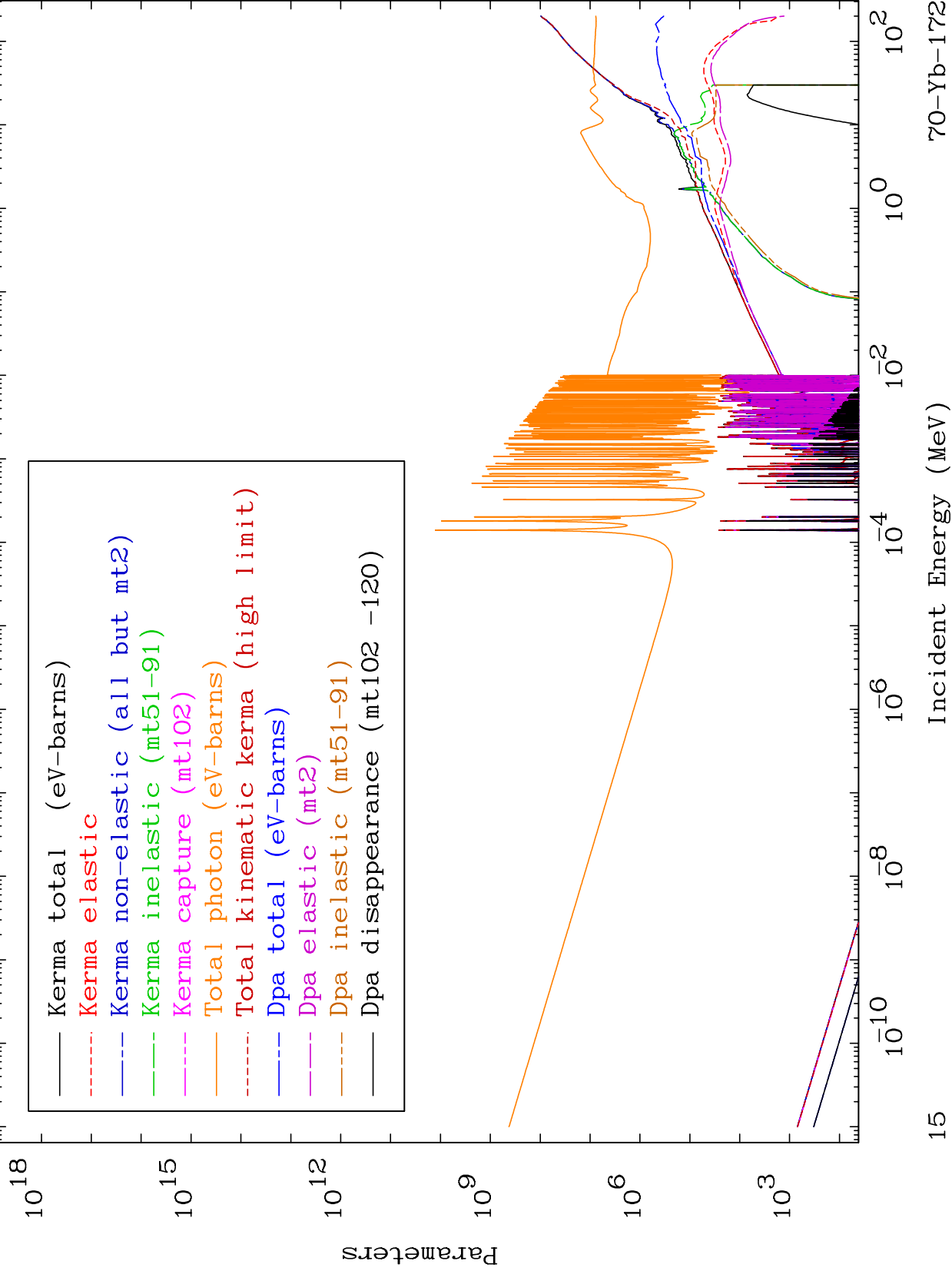
70-Yb-172

MAT 7037

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

70-Yb-172



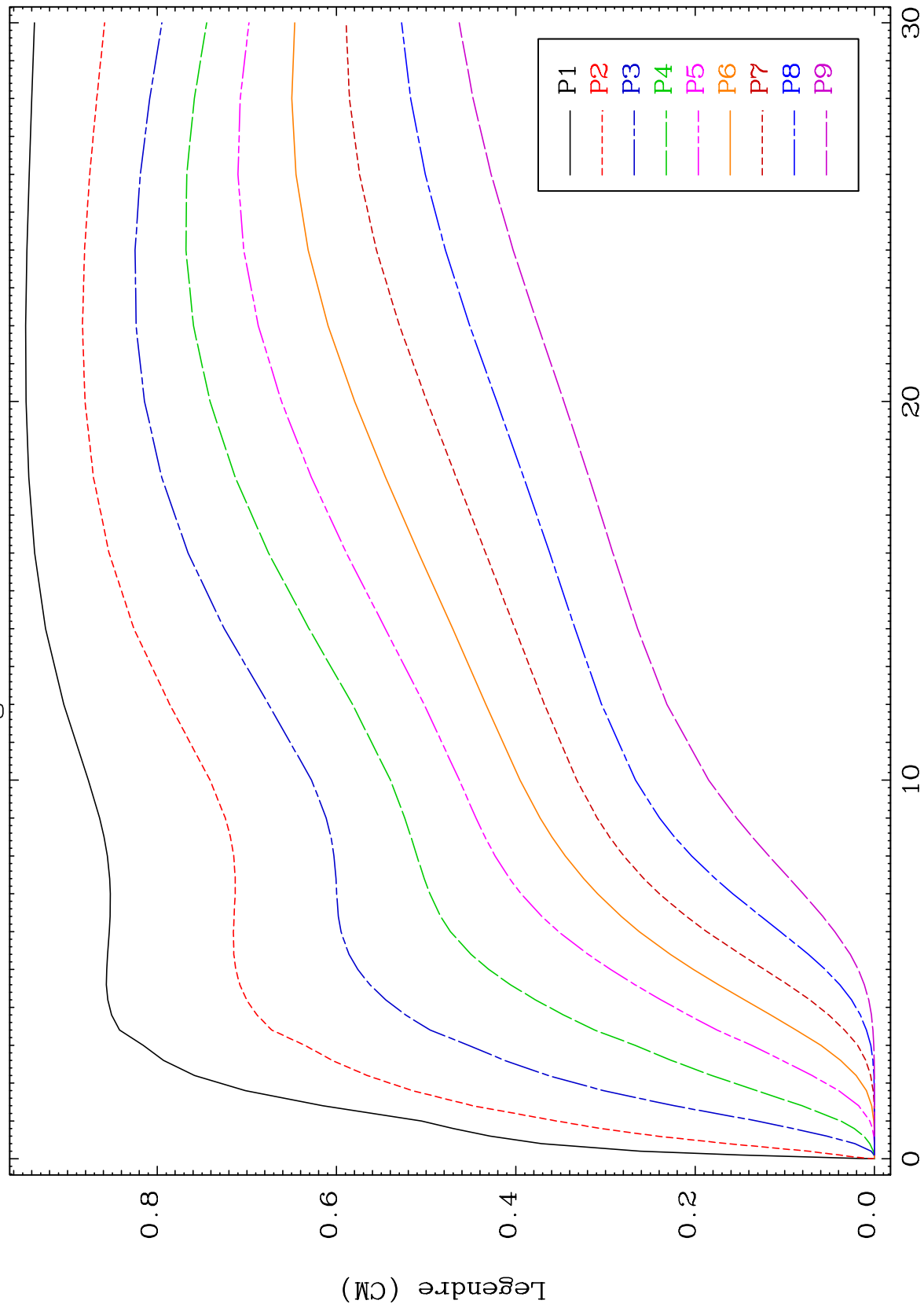




MAT 7037

Elastic Legendre Coefficients

70-Yb-172



Incident Energy (MeV)

70-Yb-172

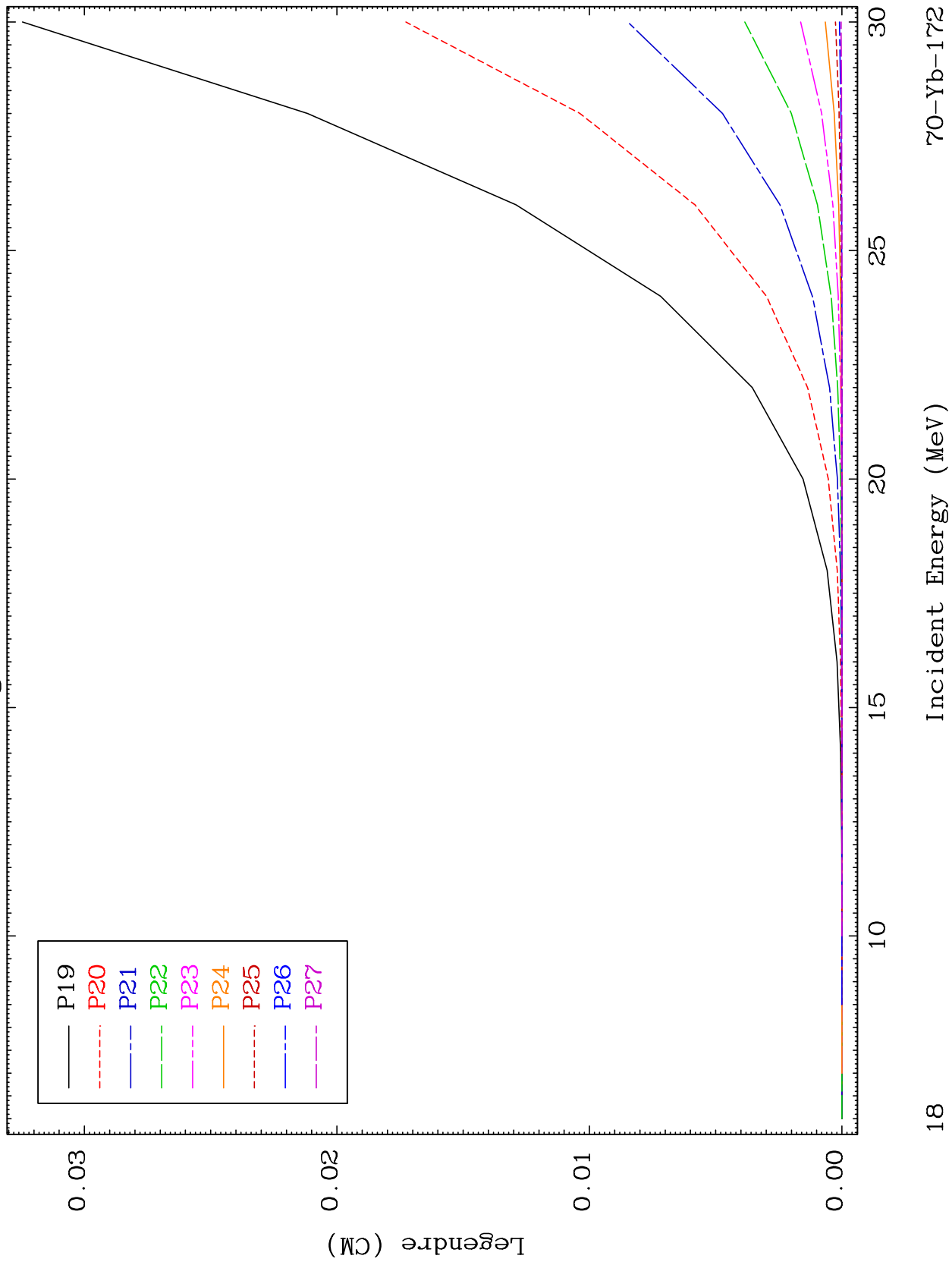
16



MAT 7037

Elastic Legendre Coefficients

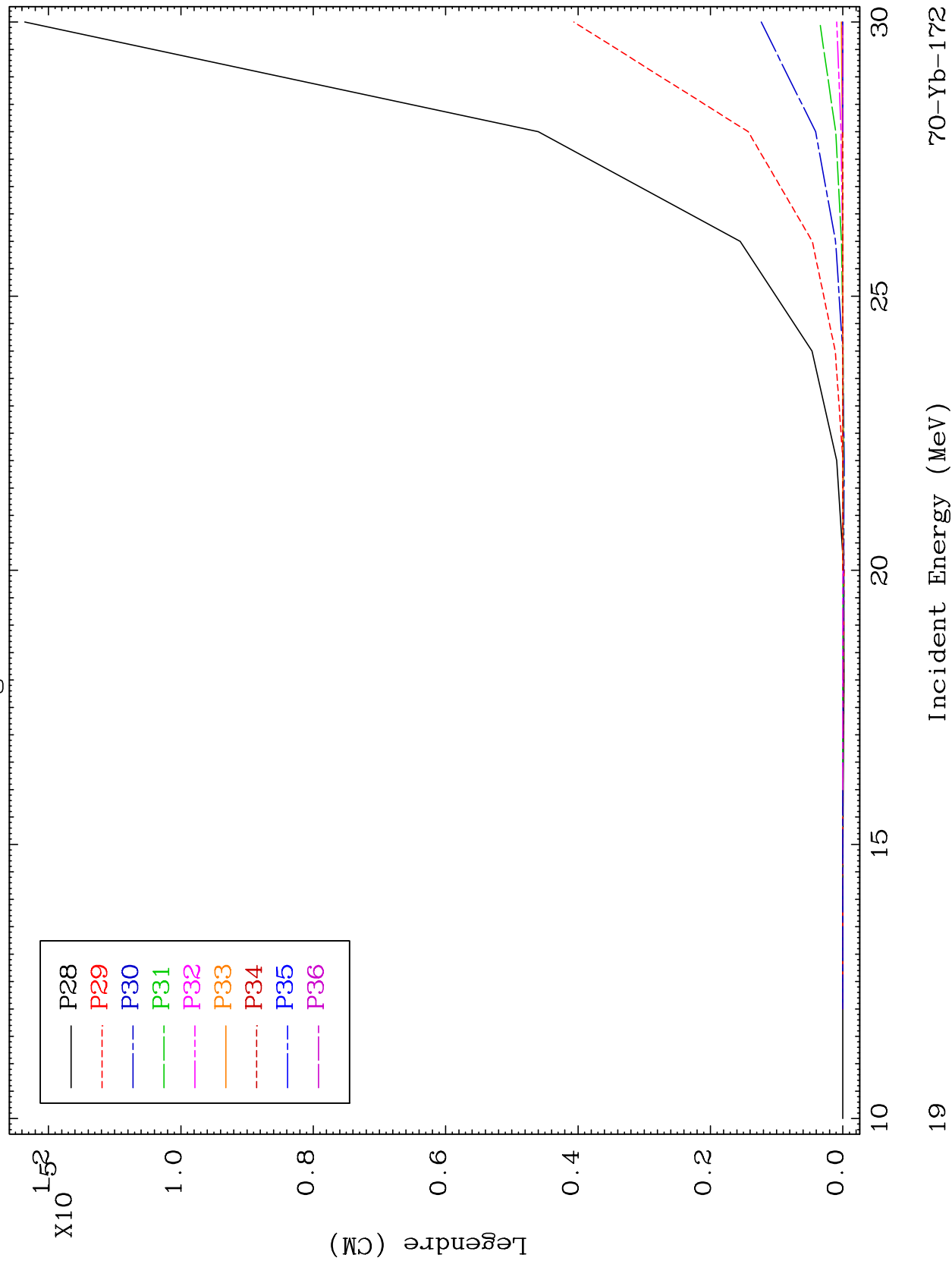
70-Yb-172



MAT 7037

Elastic  
Legendre Coefficients

70-Yb-172



19

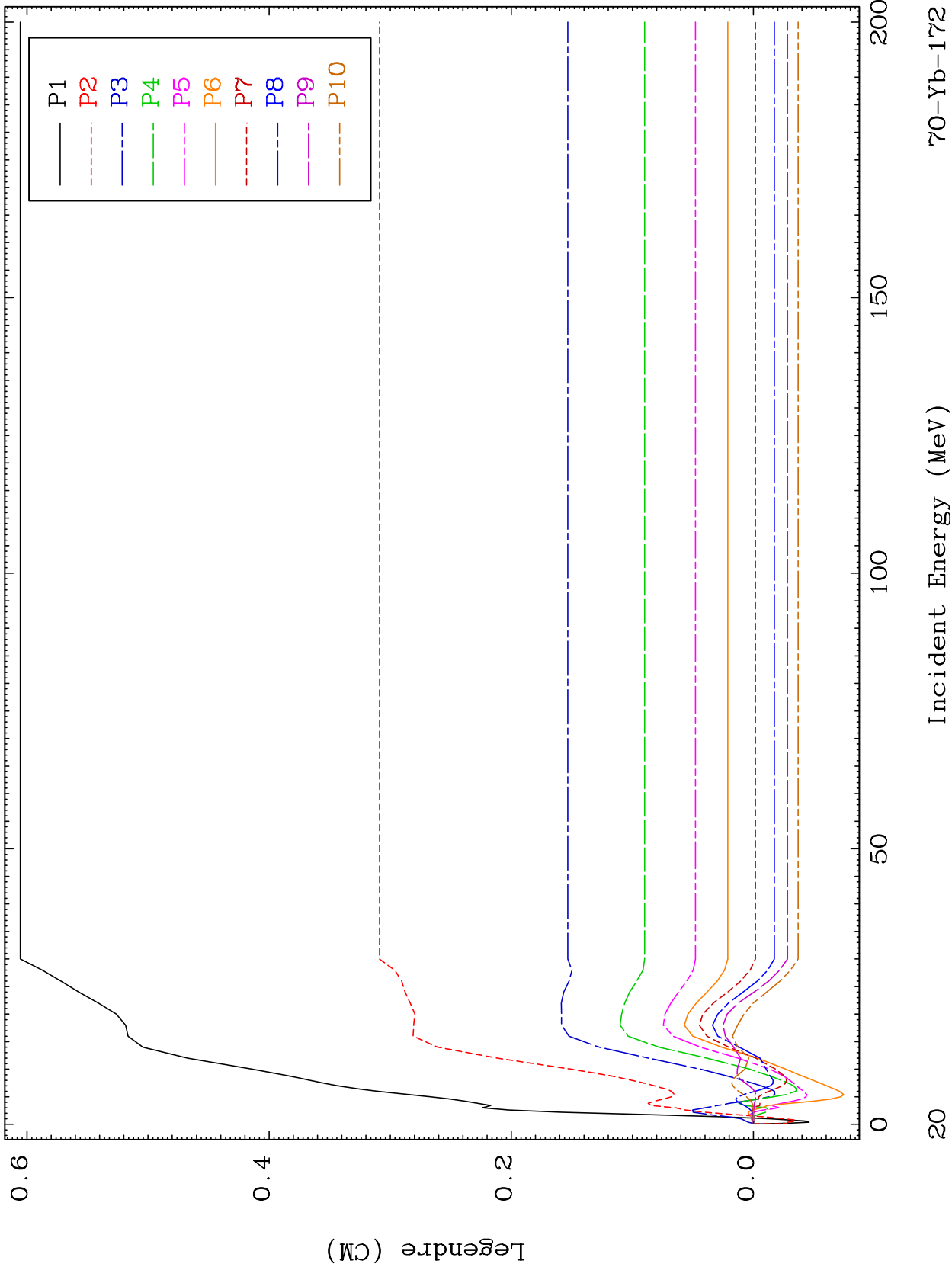
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

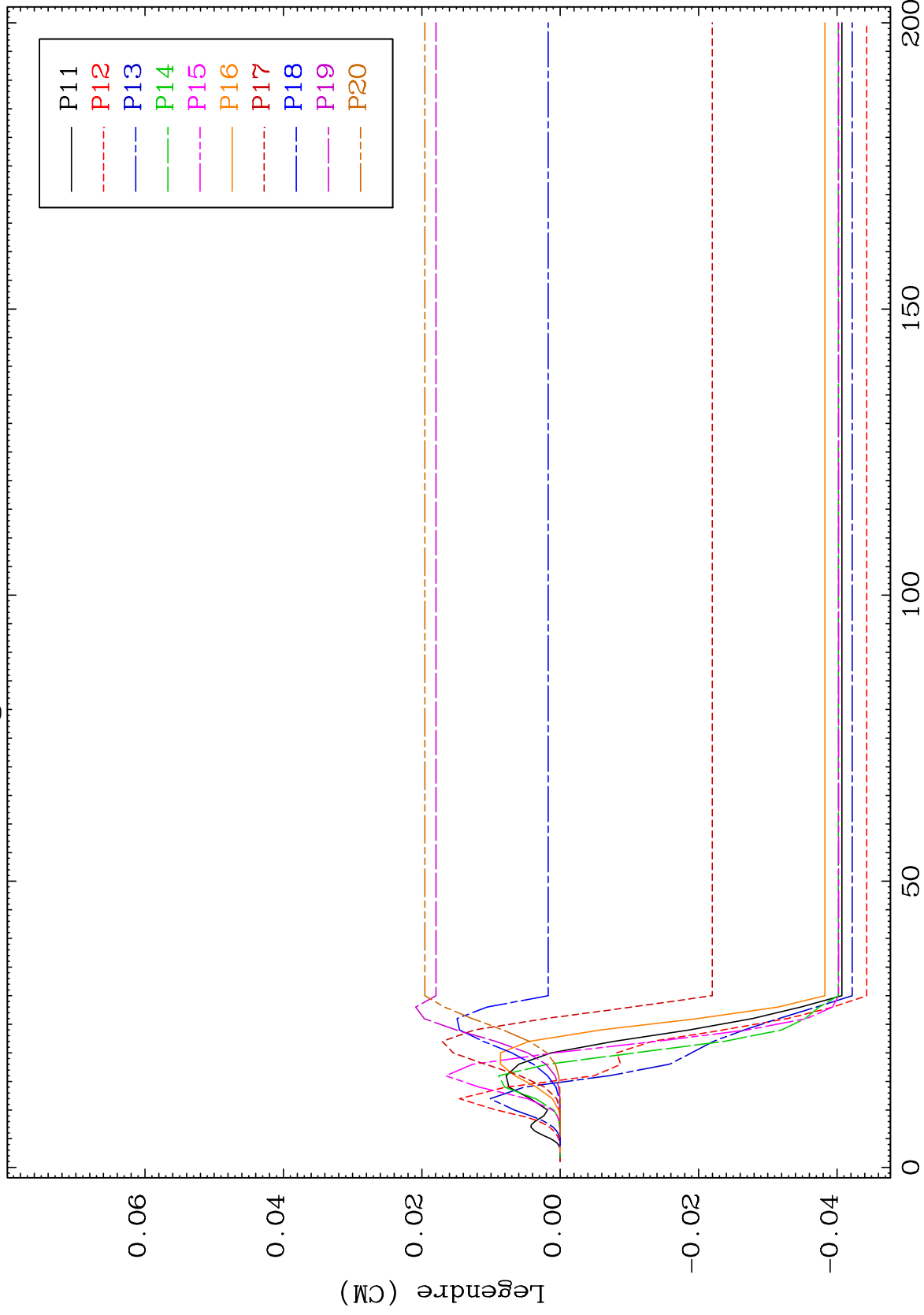
70-Yb-172



MAT 7037

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

70-Yb-172



21

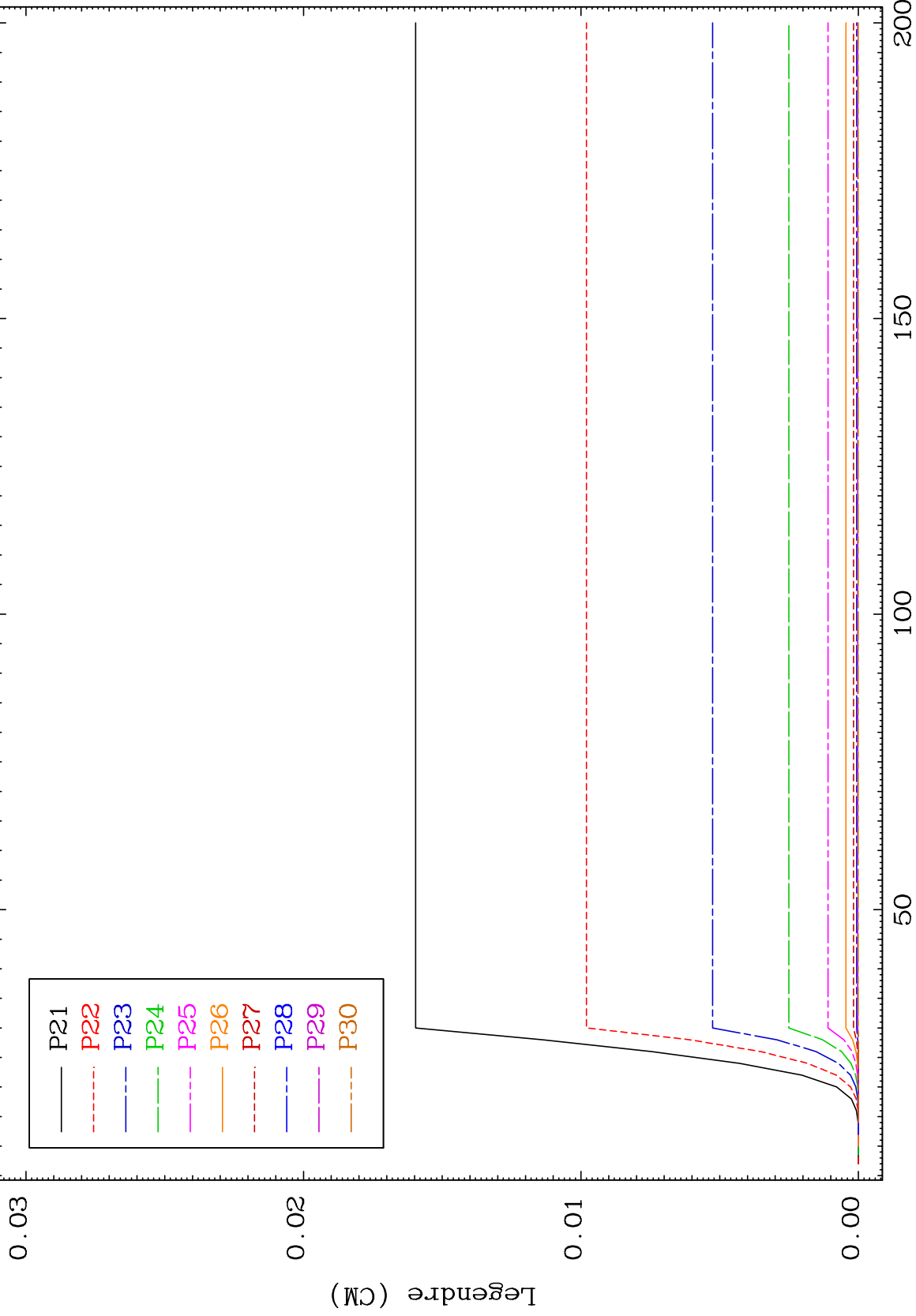
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

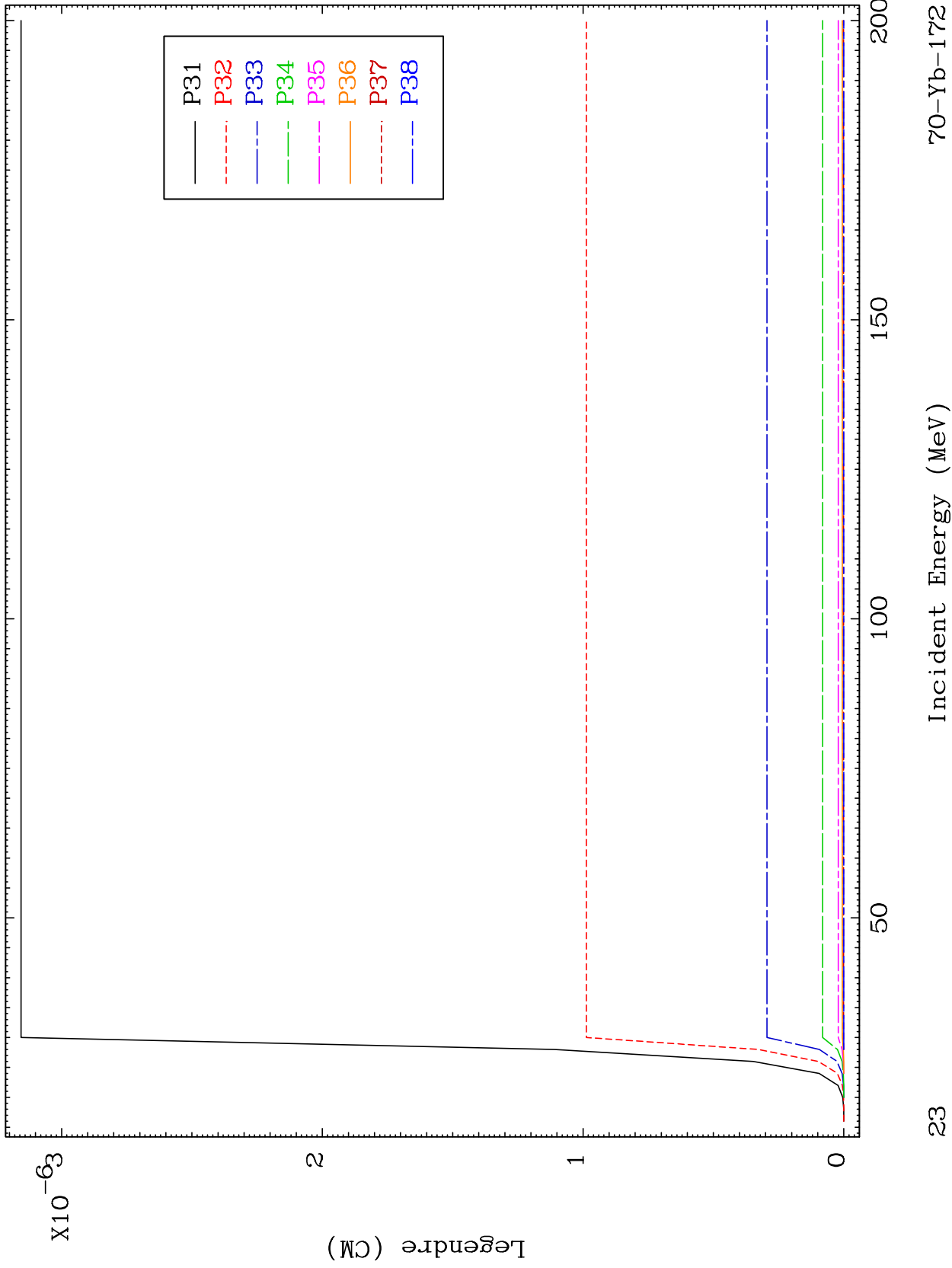
70-Yb-172



MAT 7037

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

70-Yb-172



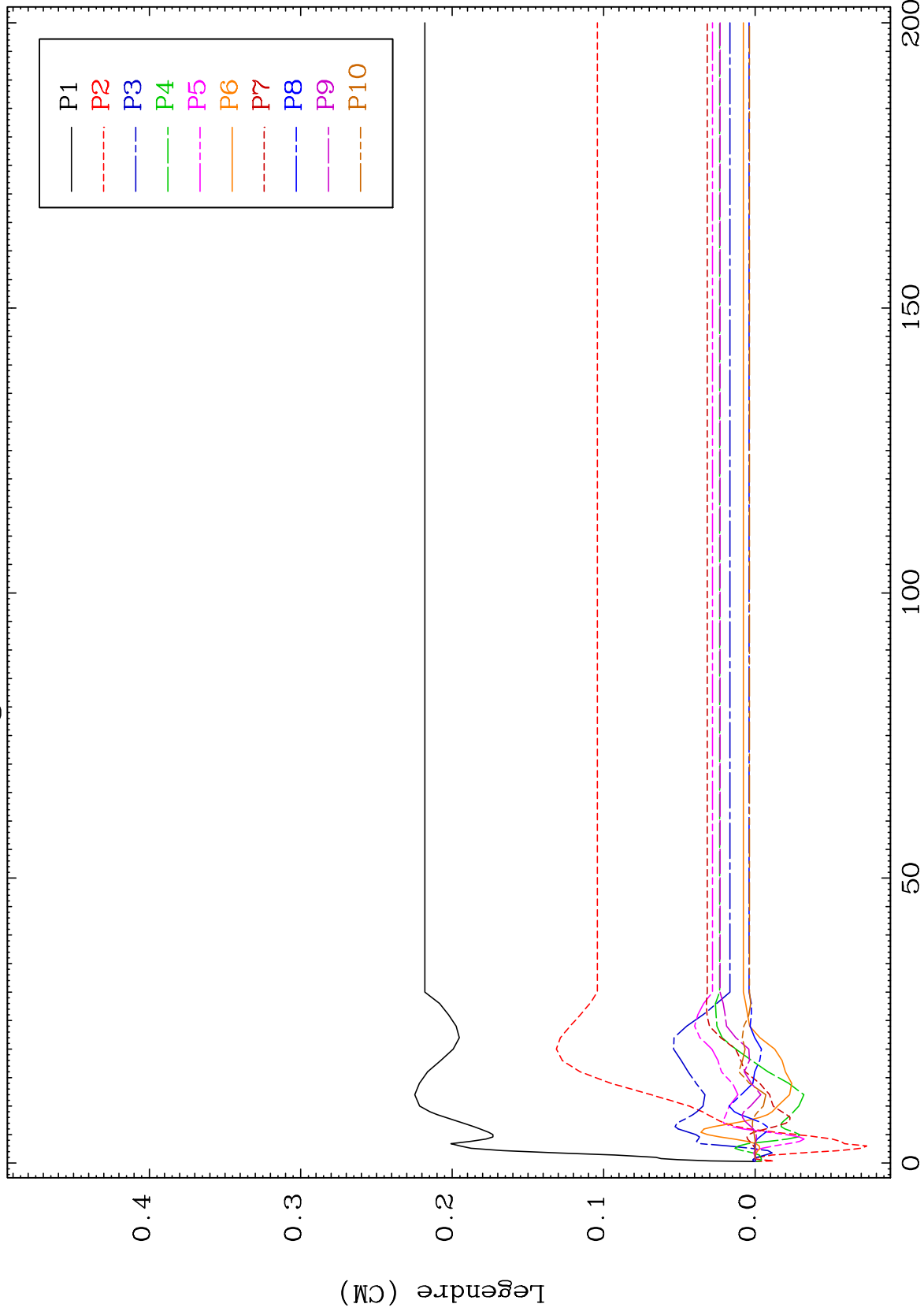
23



MAT 7037

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

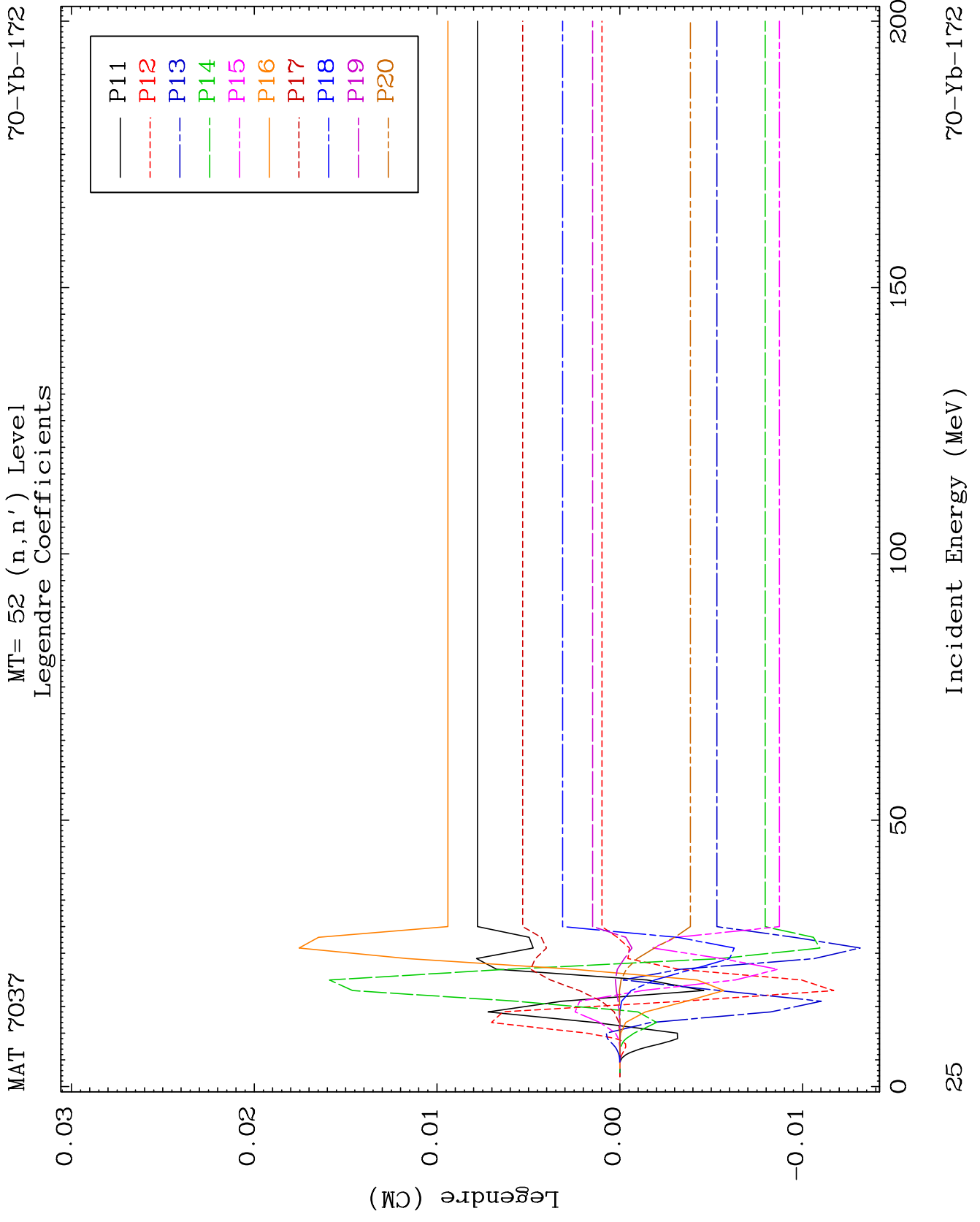
70-Yb-172

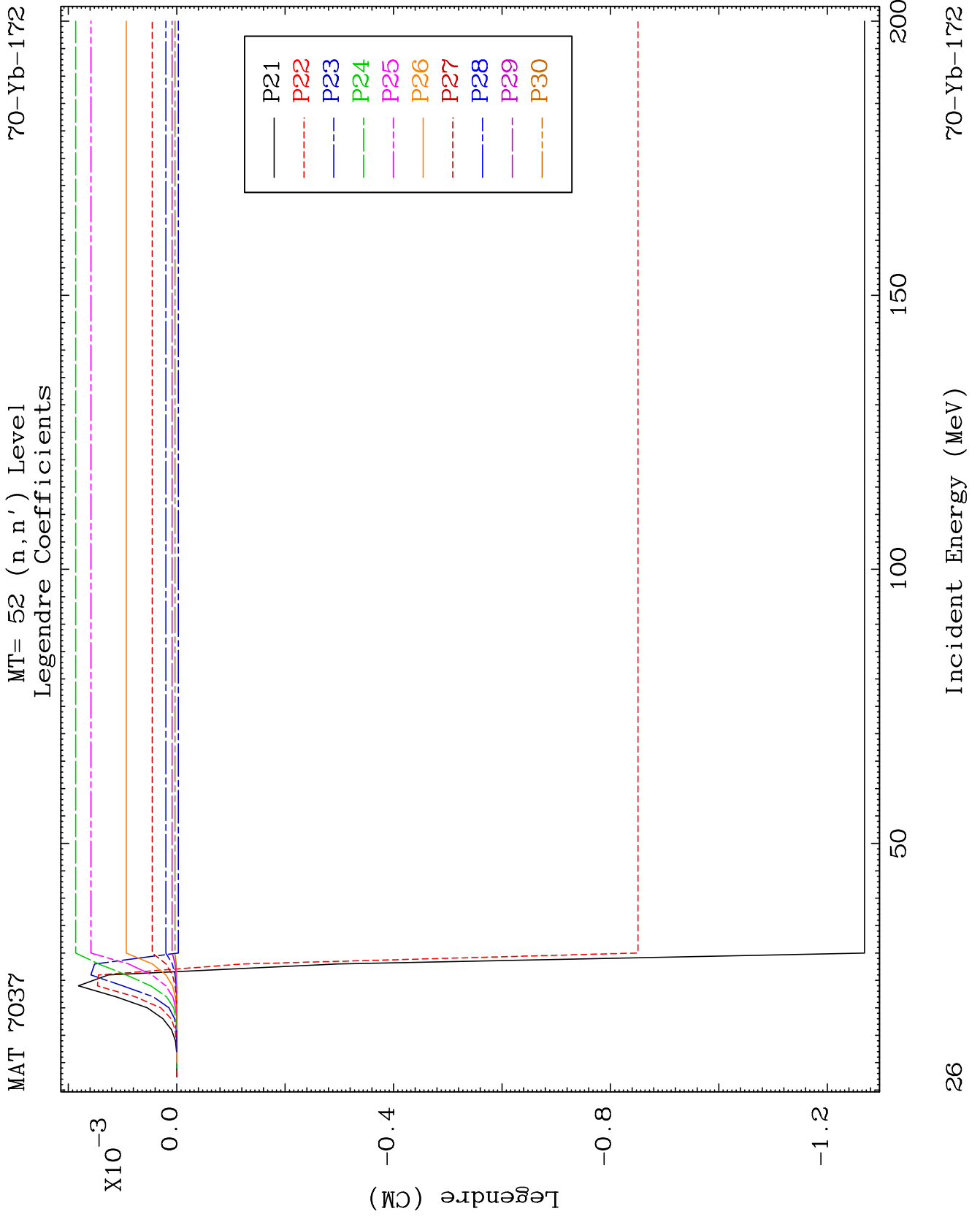


24

Incident Energy (MeV)

70-Yb-172

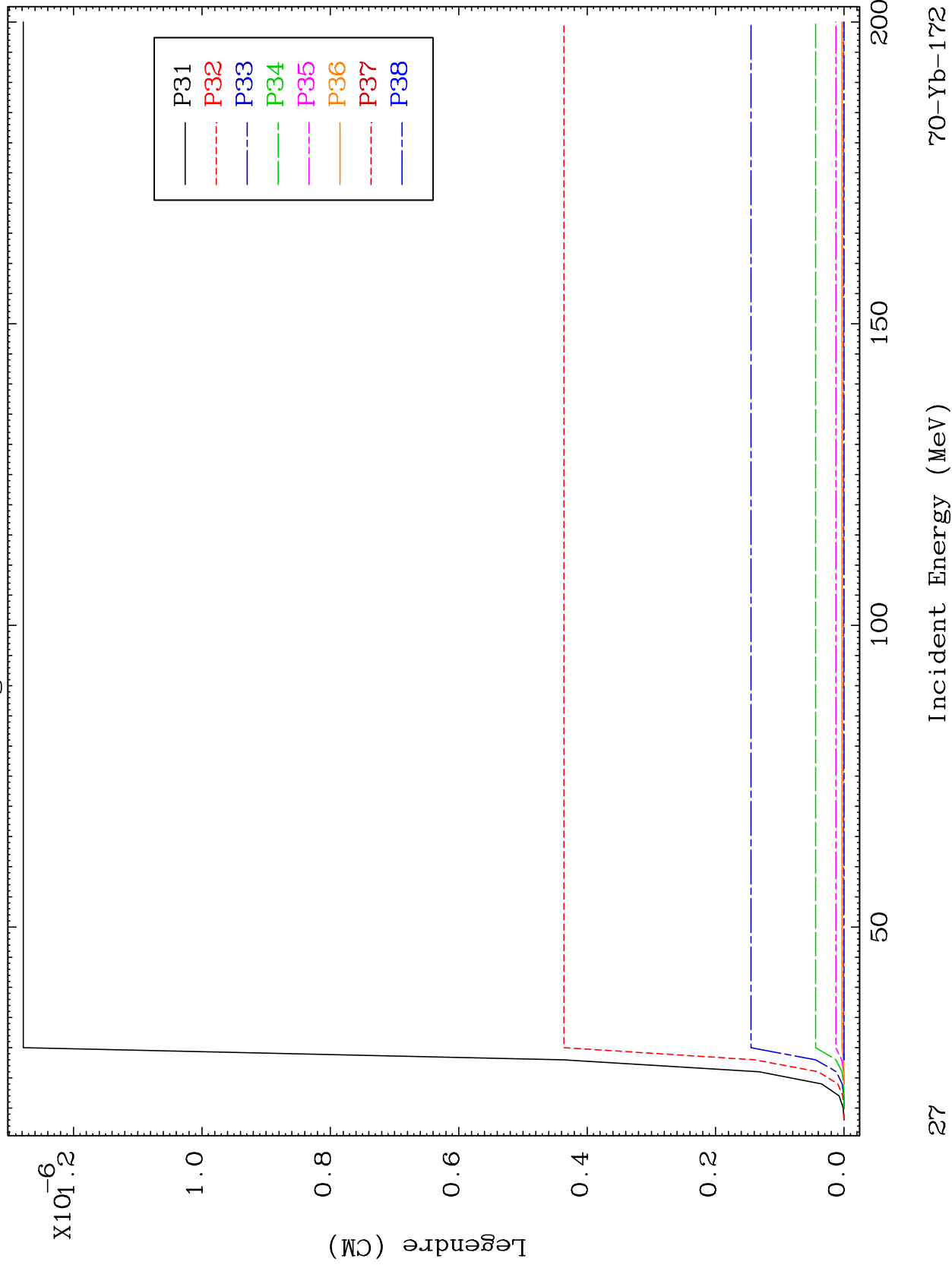




MAT 7037

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

70-Yb-172



27

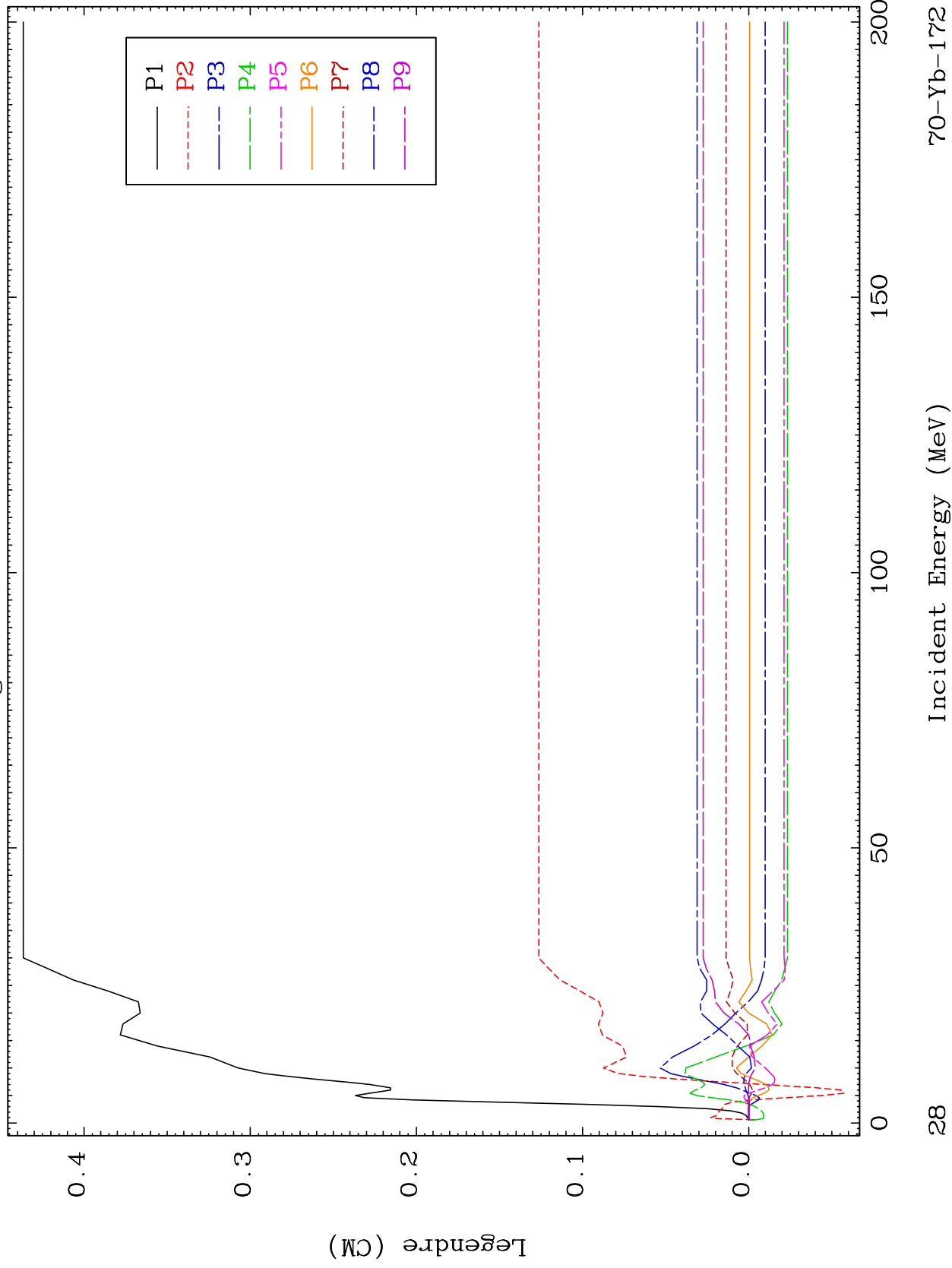
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



28

Incident Energy (MeV)

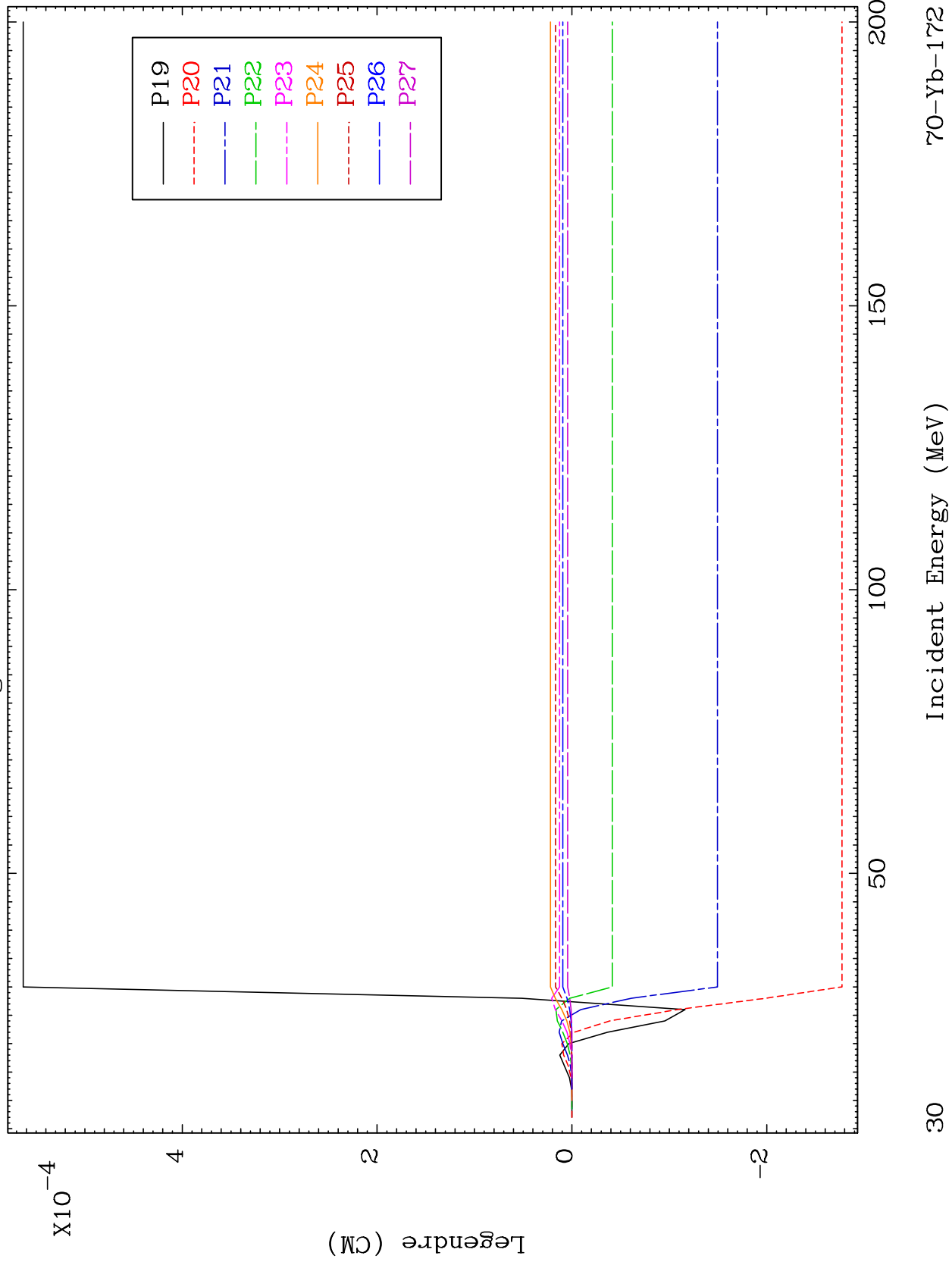
70-Yb-172

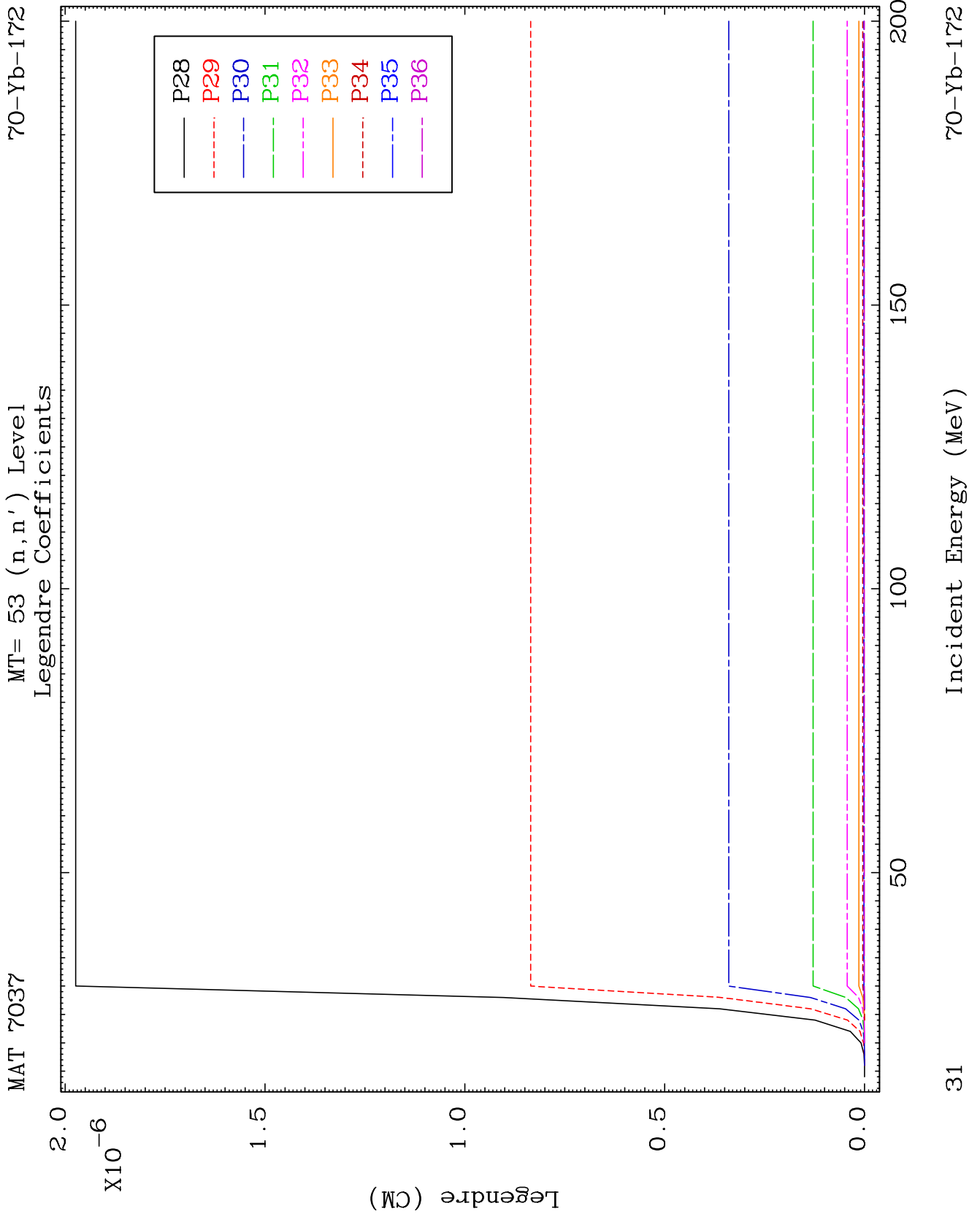


MAT 7037

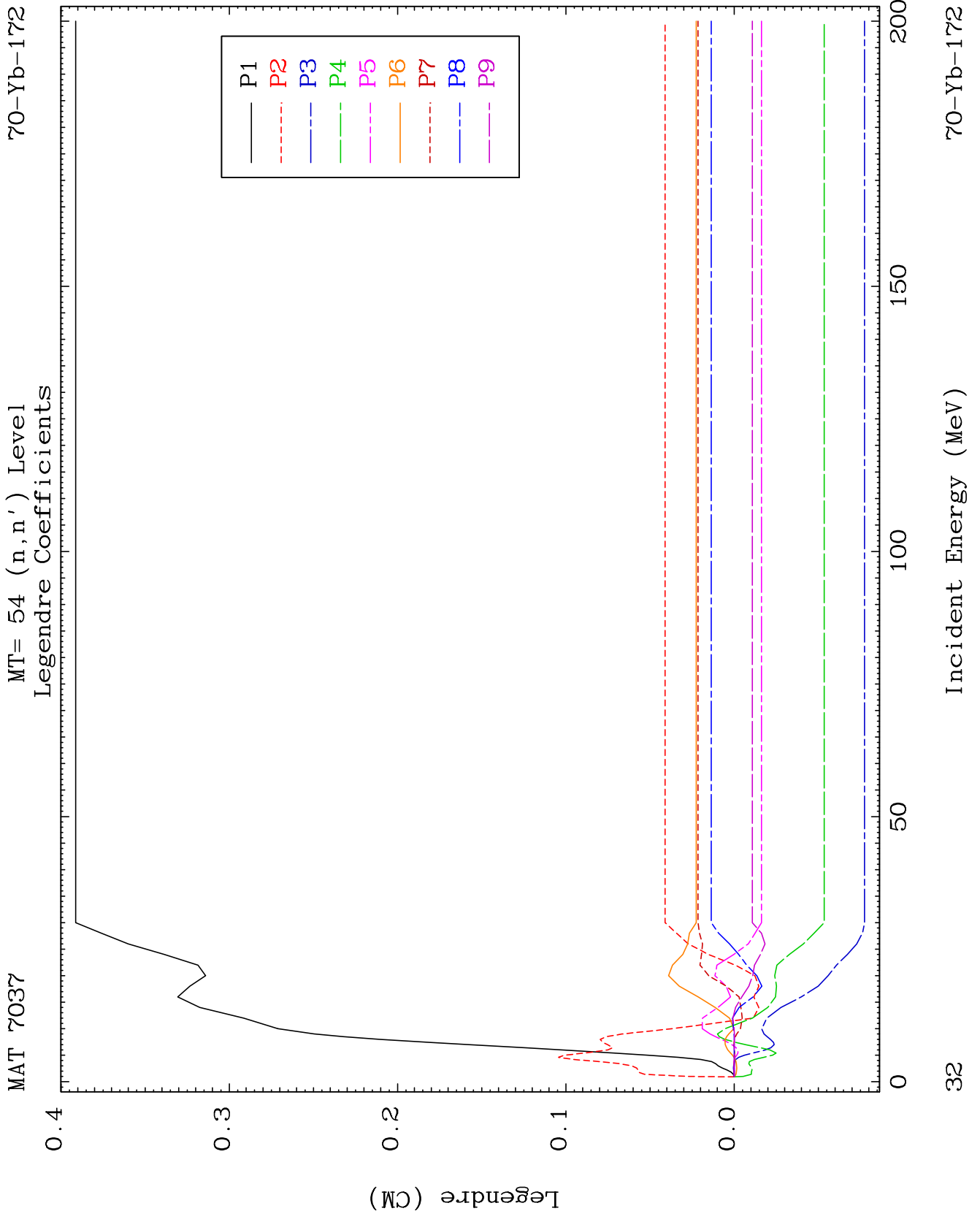
MT= 53 (n,n') Level  
Legendre Coefficients

70-Yb-172





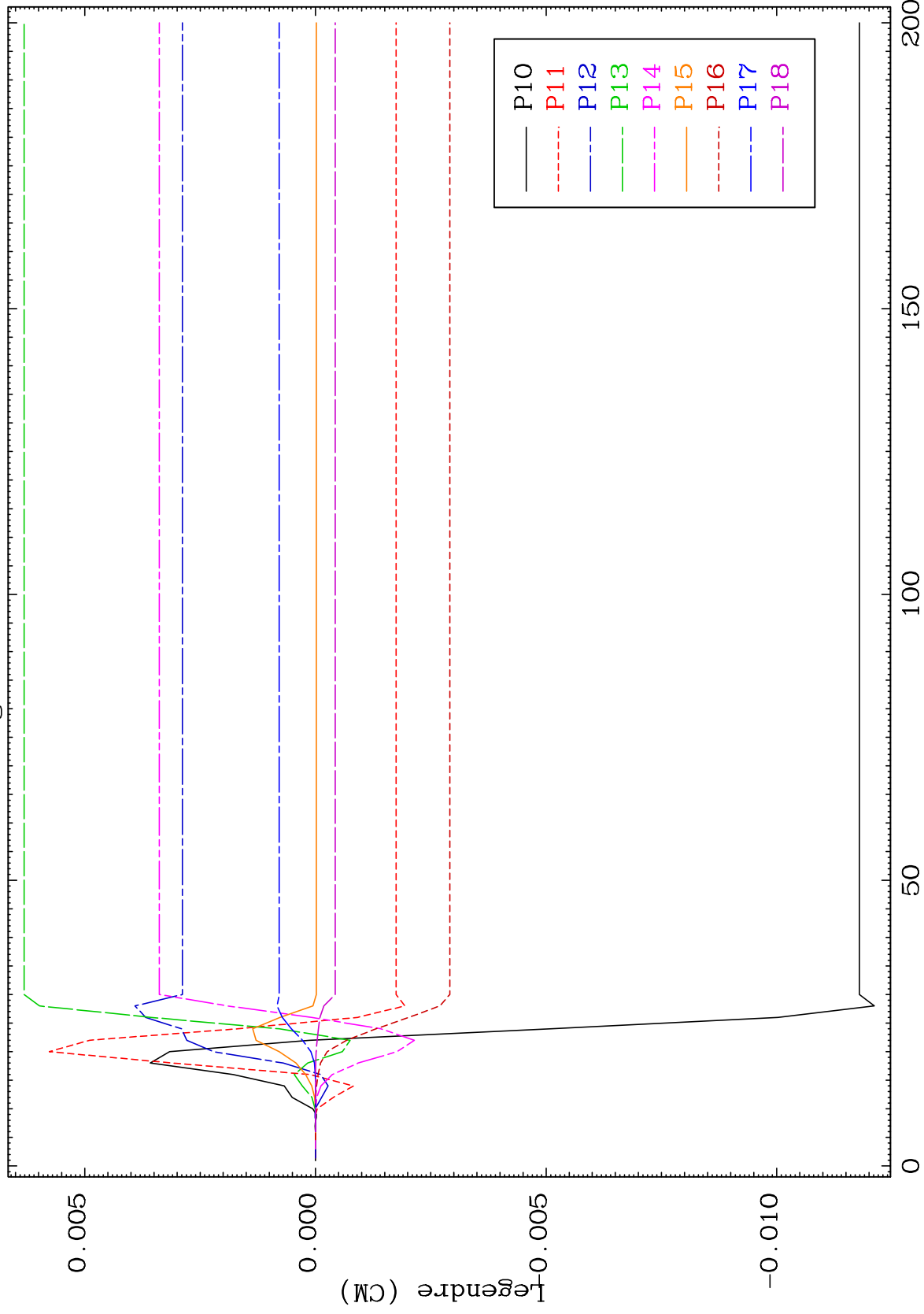




MAT 7037

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

70-Yb-172



33

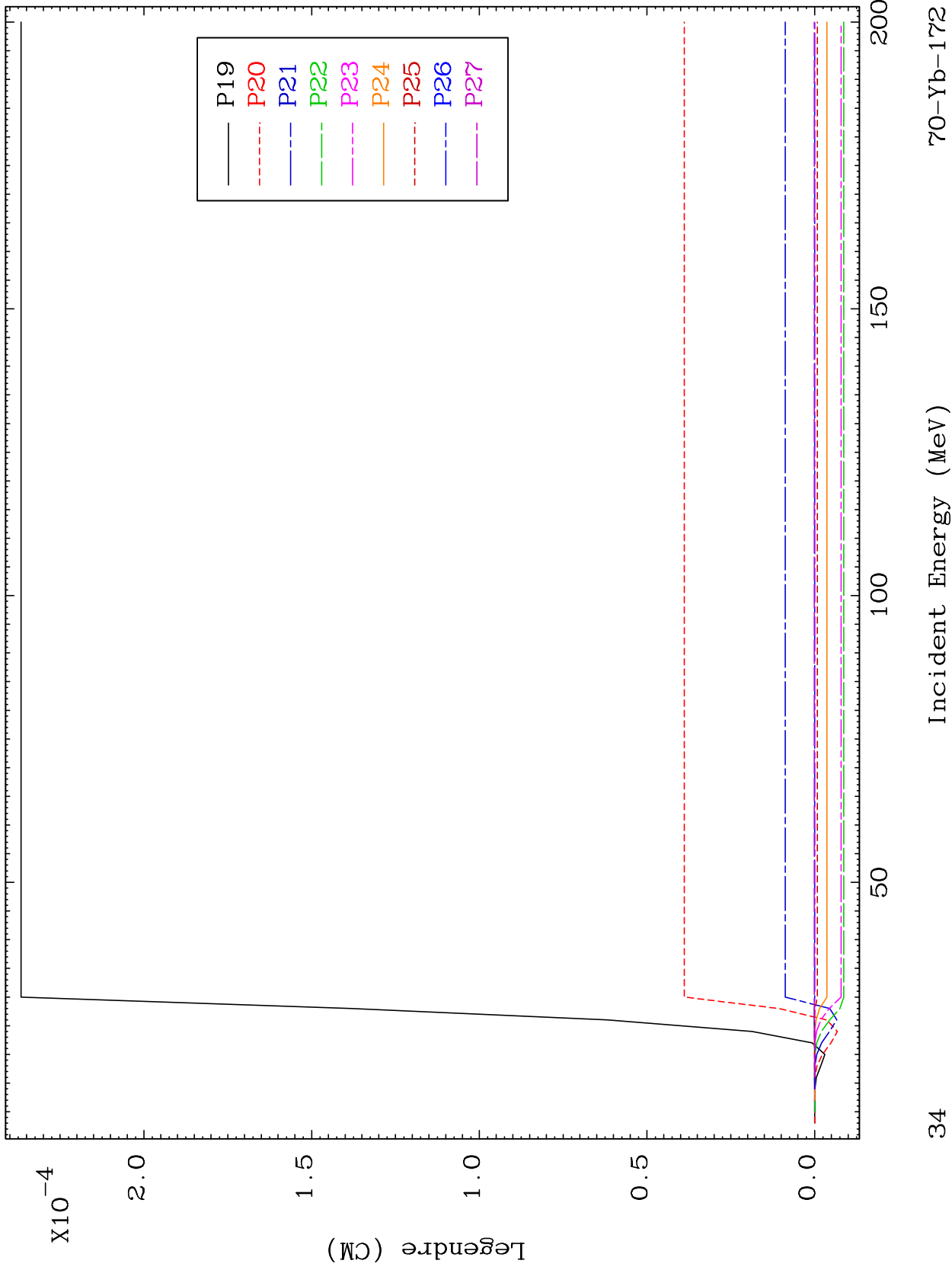
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172

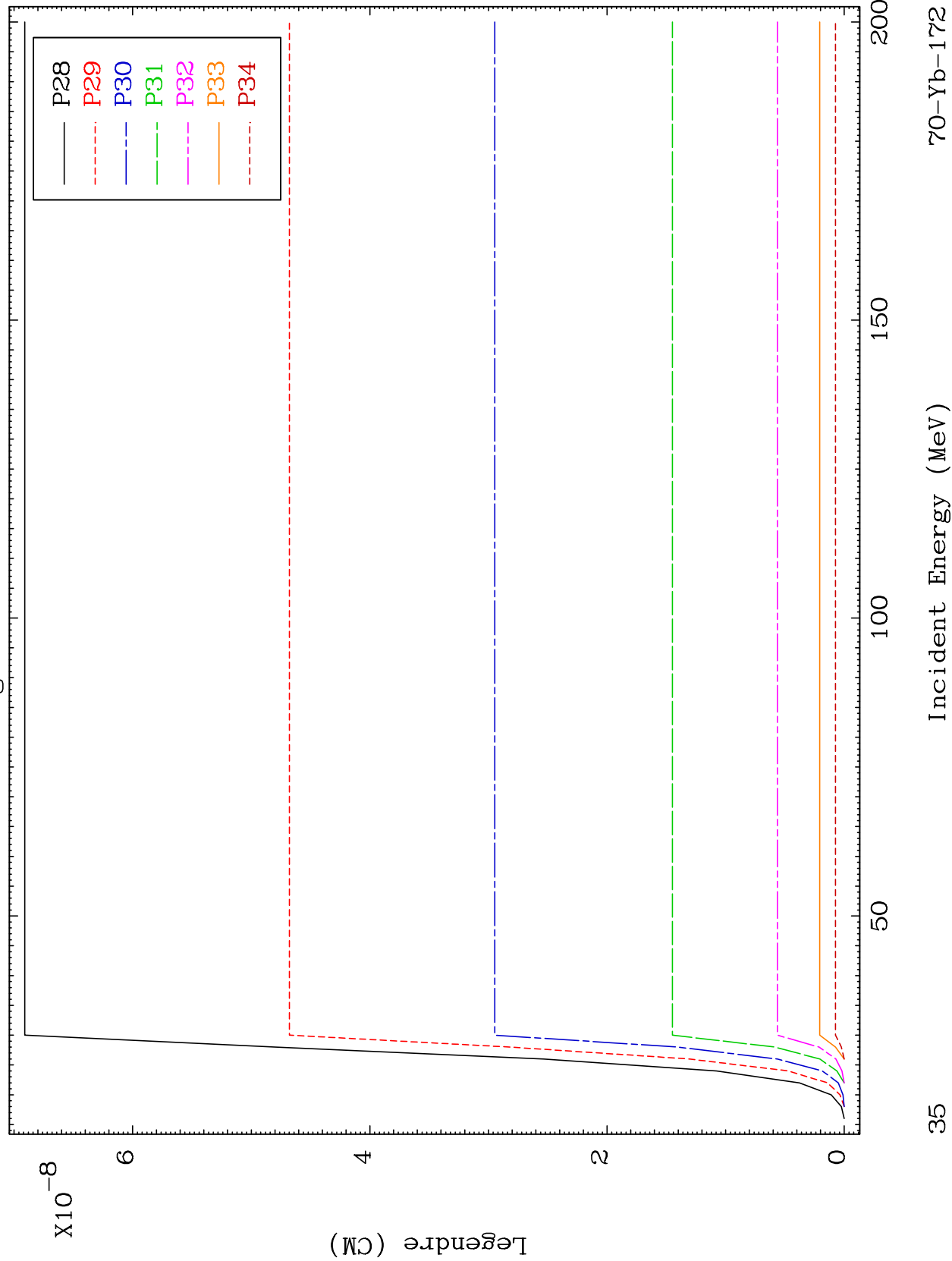


34

MAT 7037

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

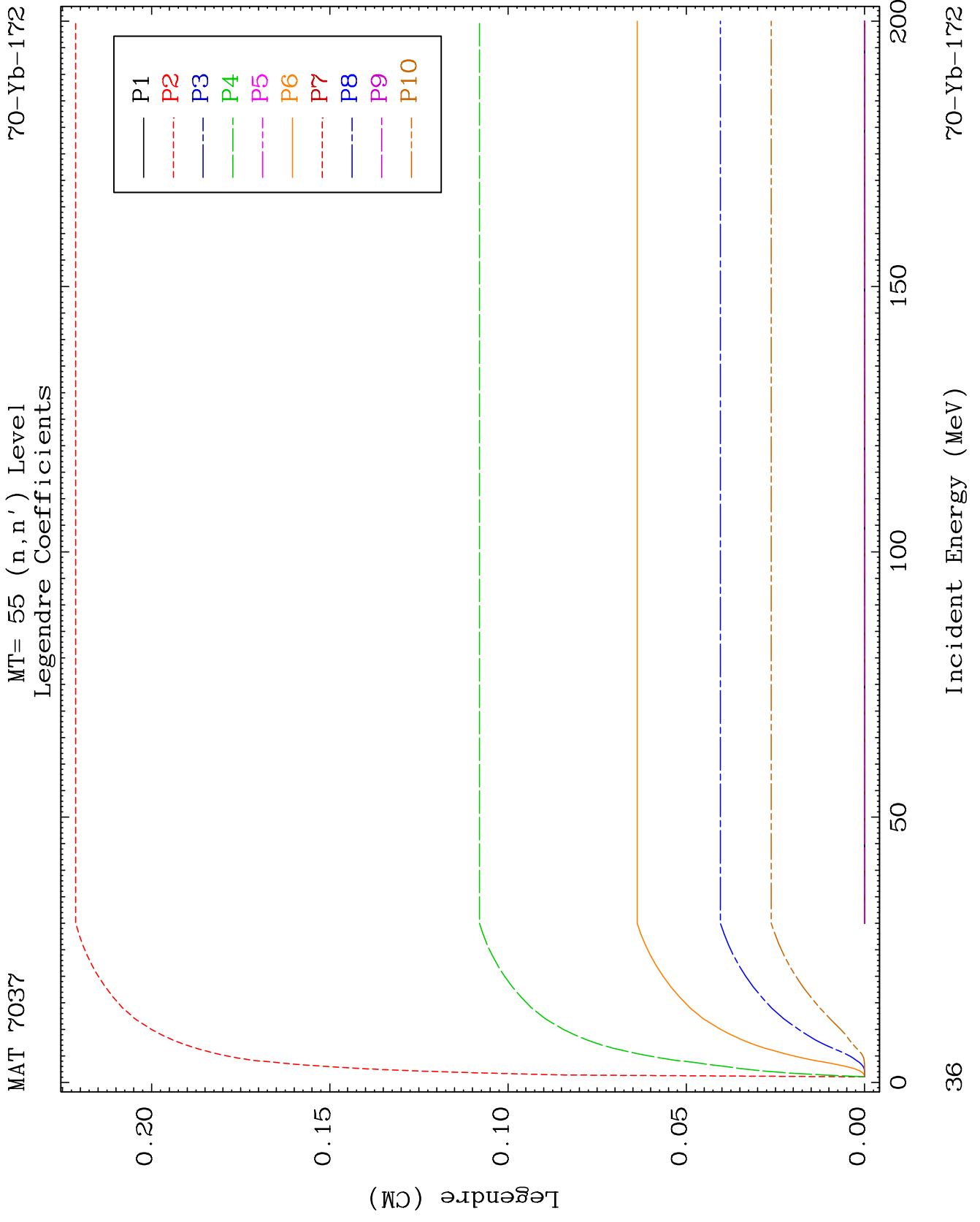
70-Yb-172



35

Incident Energy (MeV)

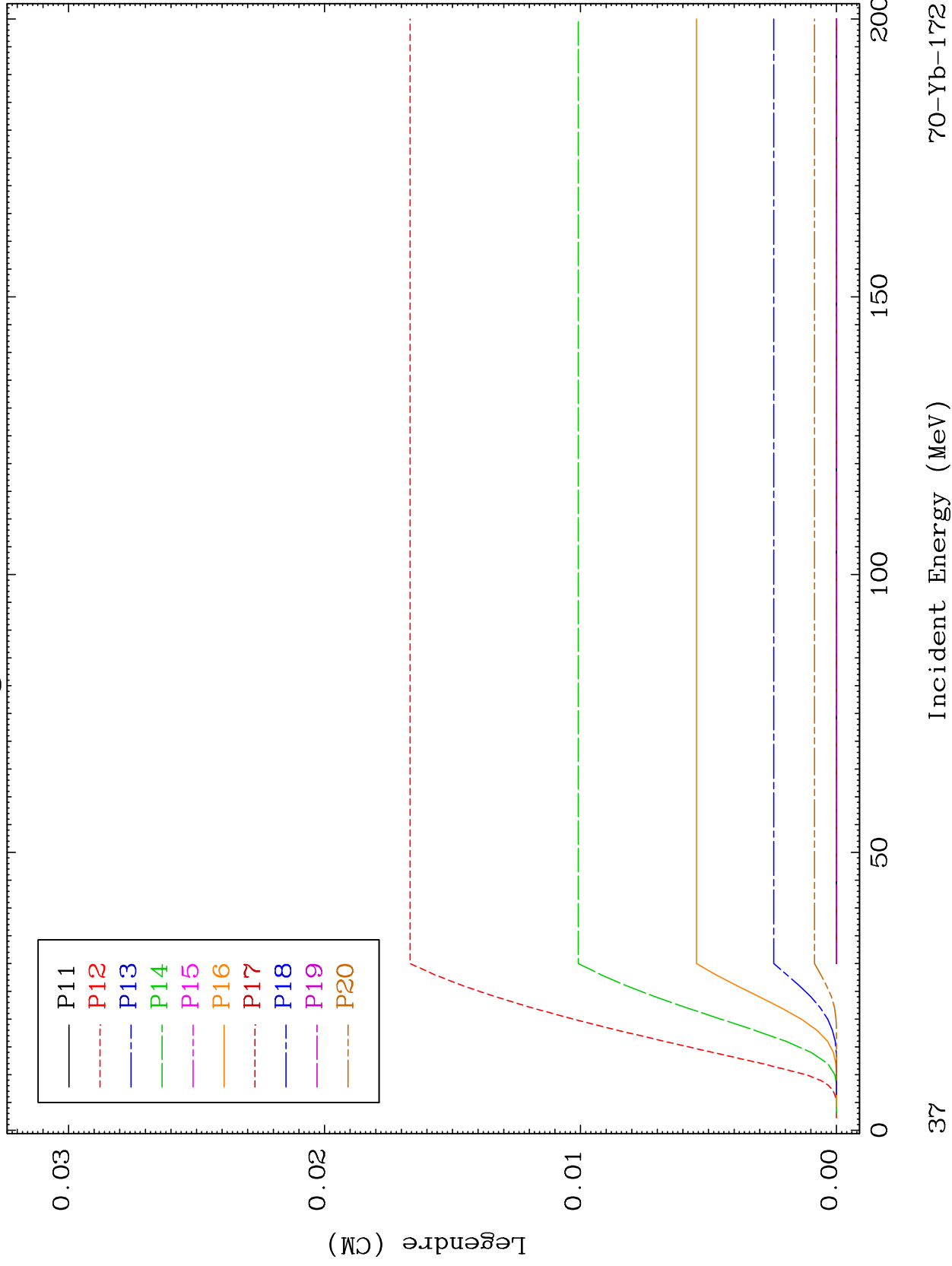
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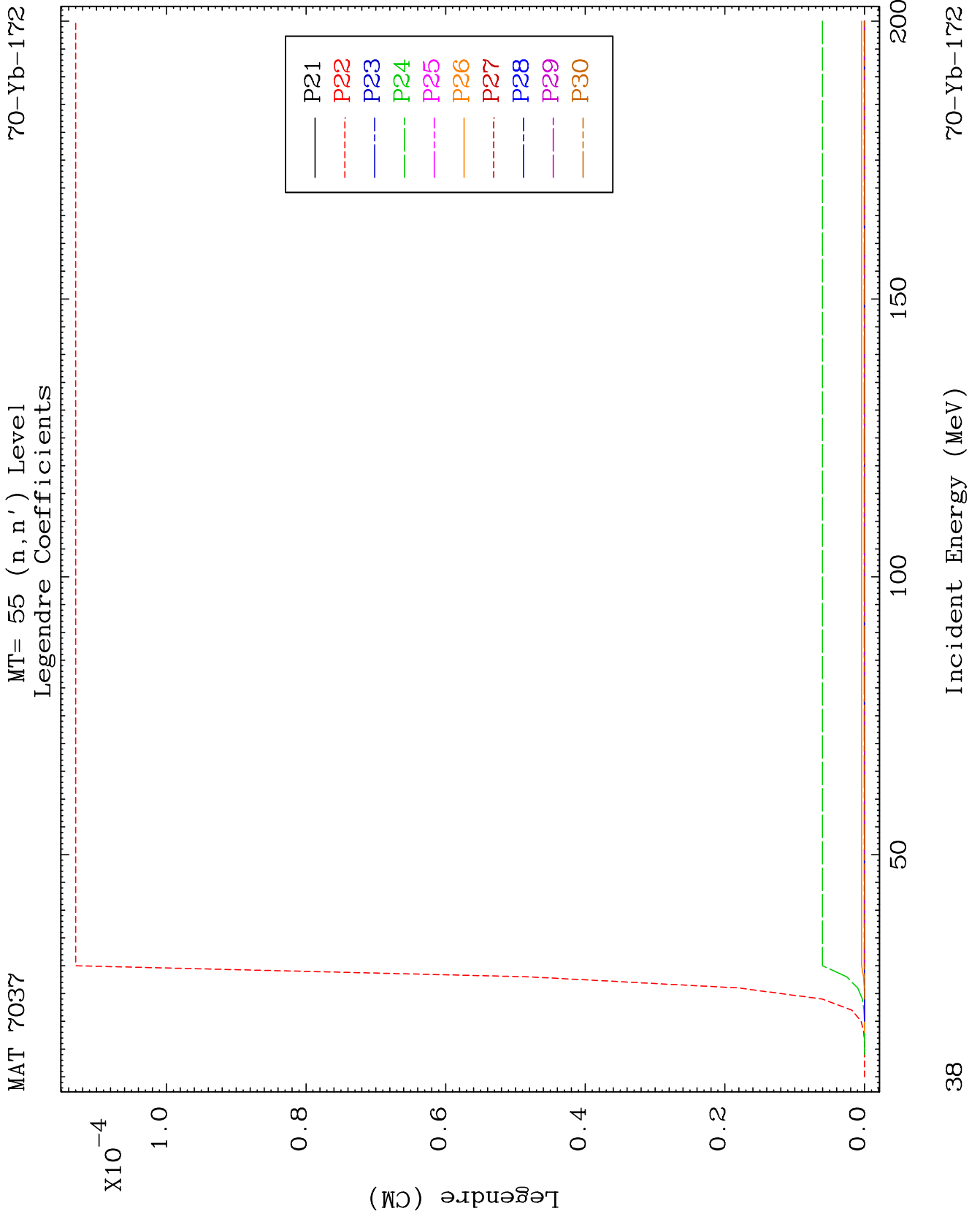


MAT 7037

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

70-Yb-172

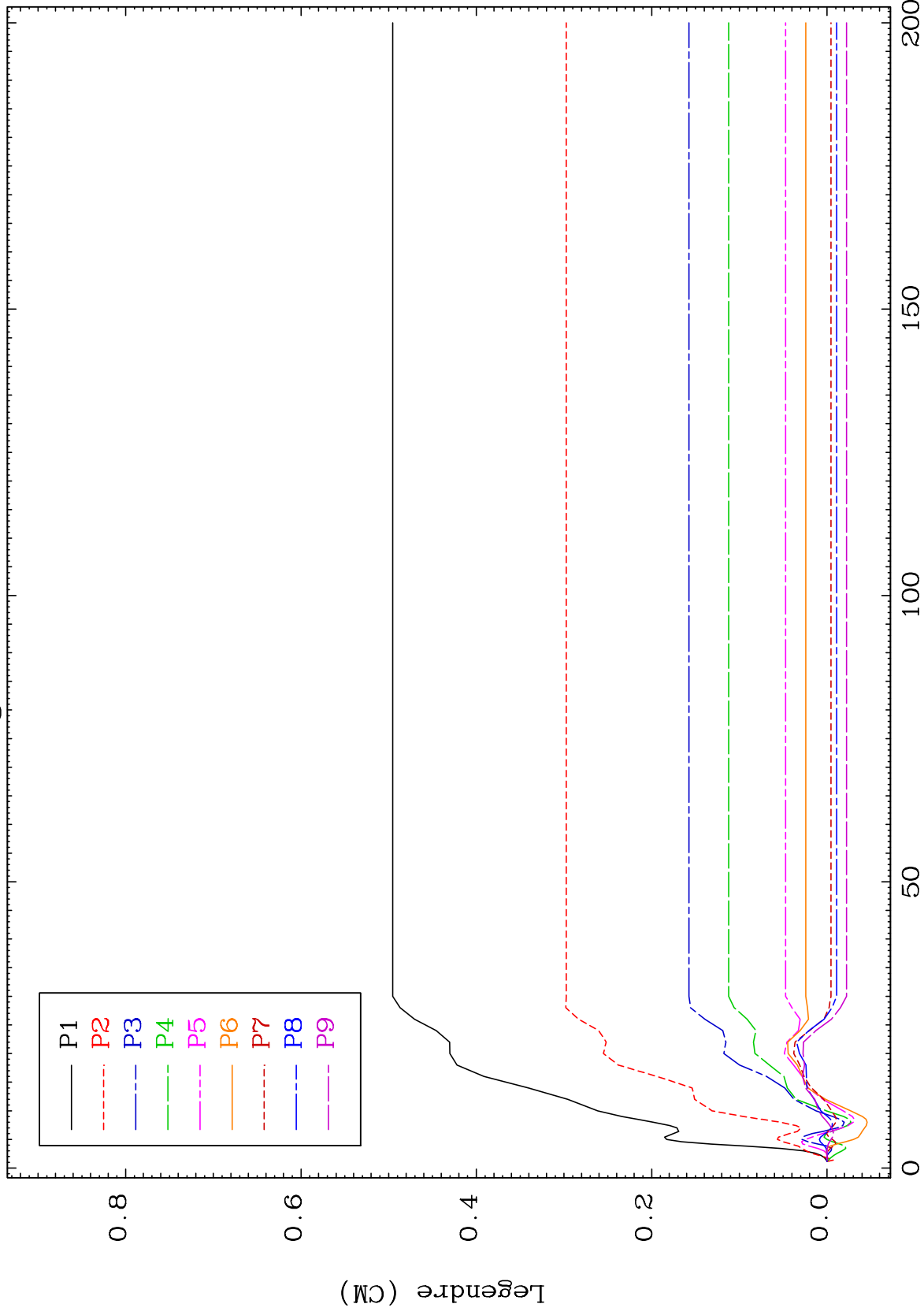




MAT 7037

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

70-Yb-172



39

Incident Energy (MeV)

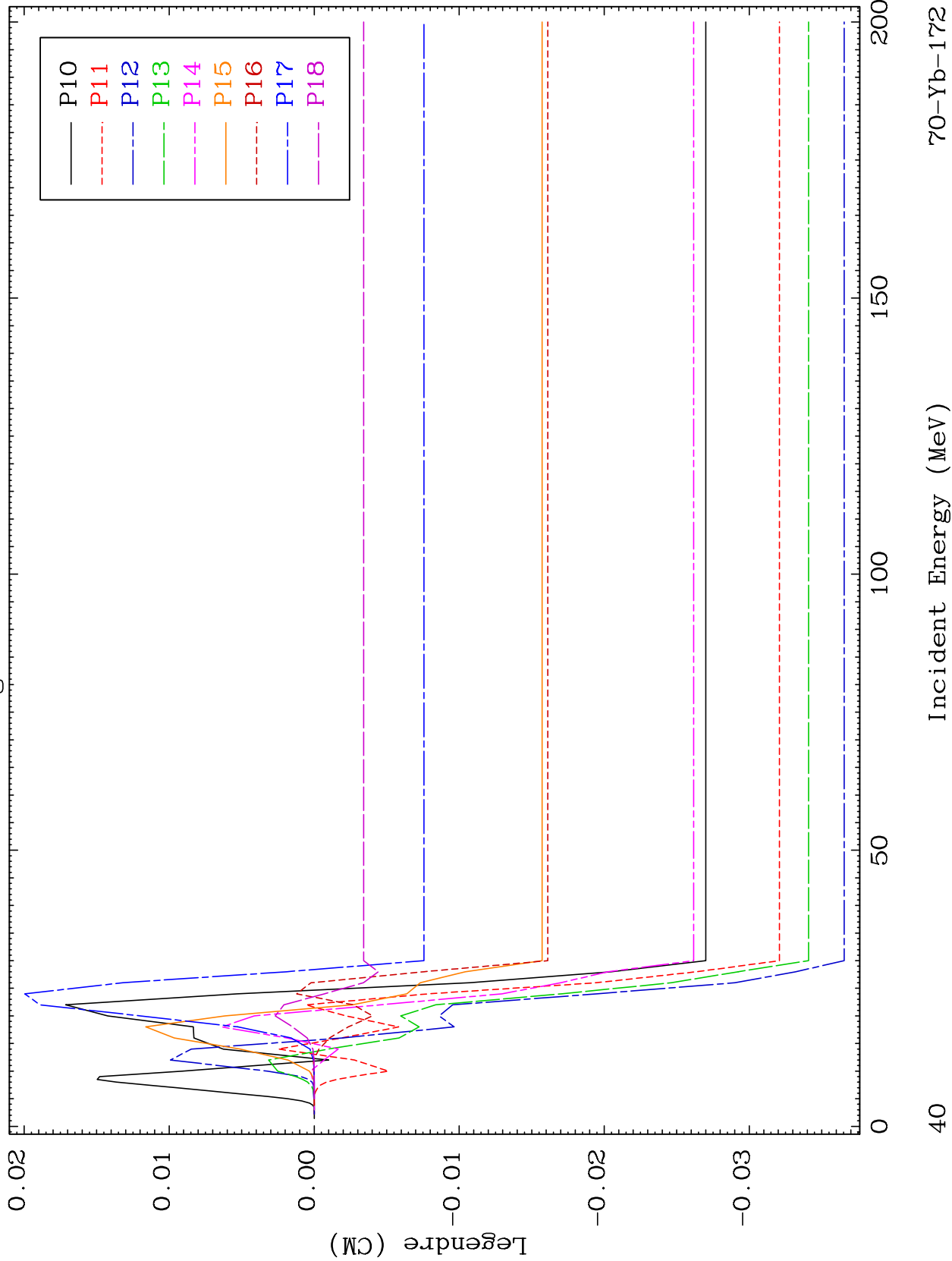
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

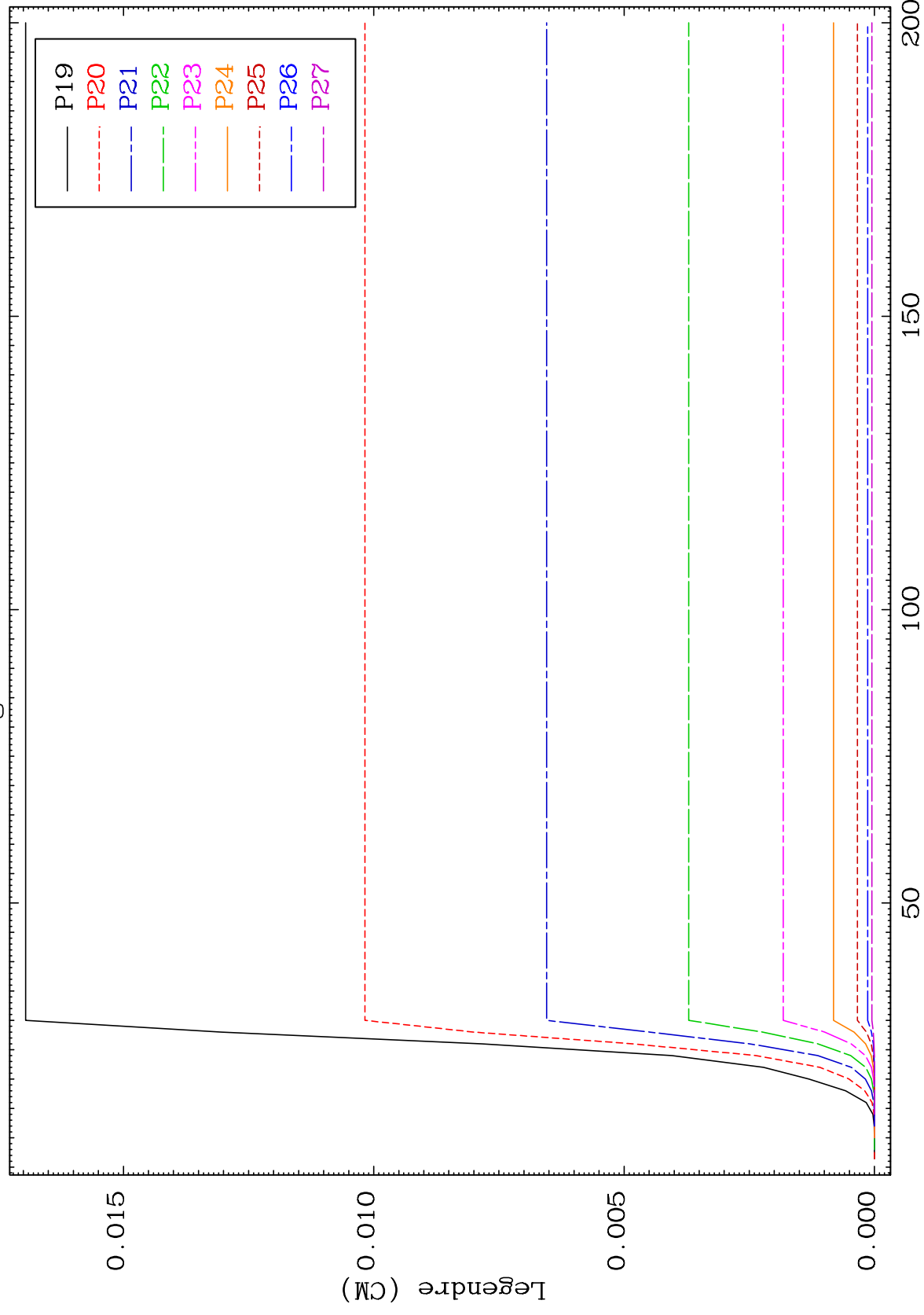
Incident Energy (MeV)

40

MAT 7037

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

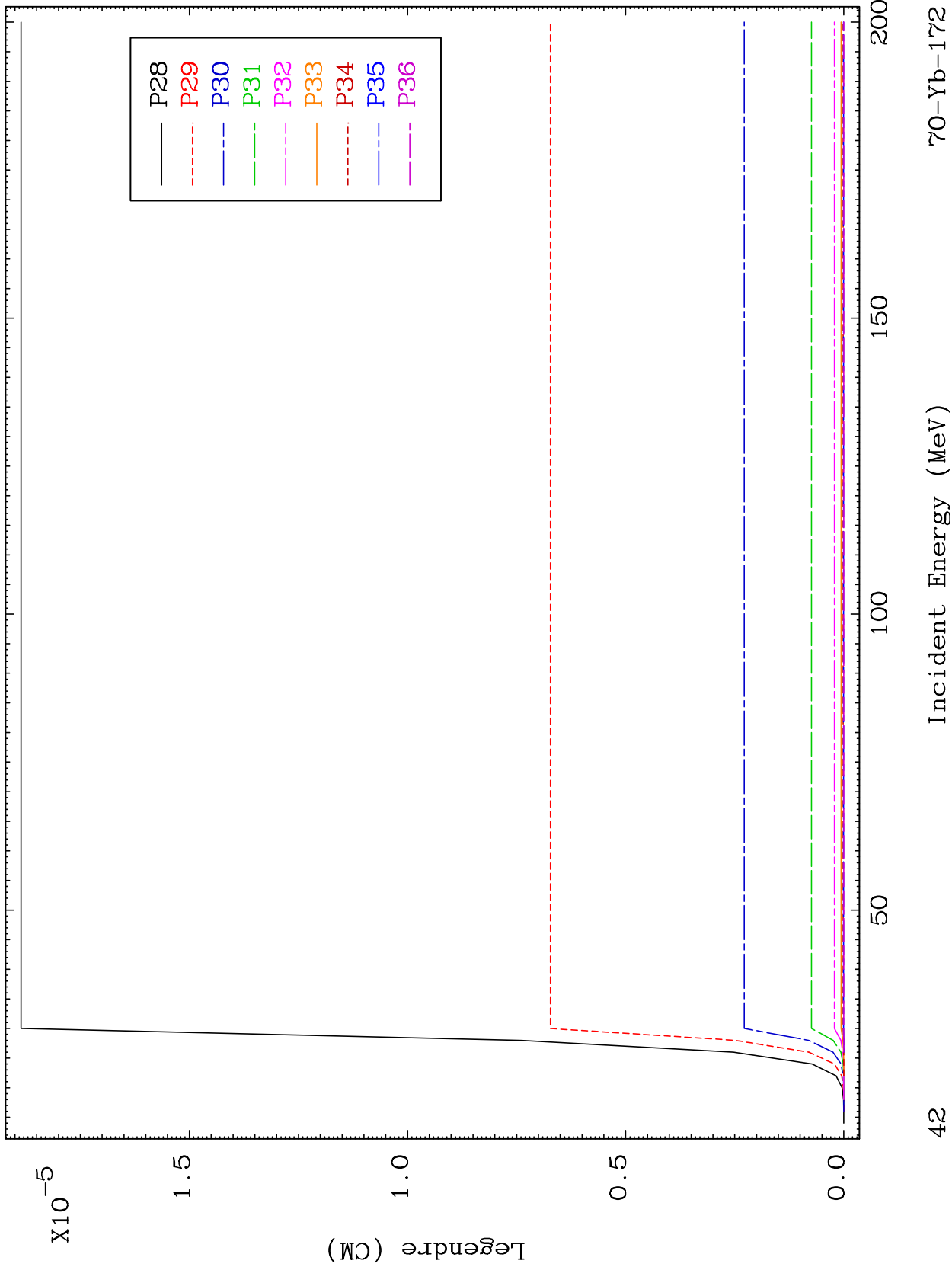
70-Yb-172



MAT 7037

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

70-Yb-172



42

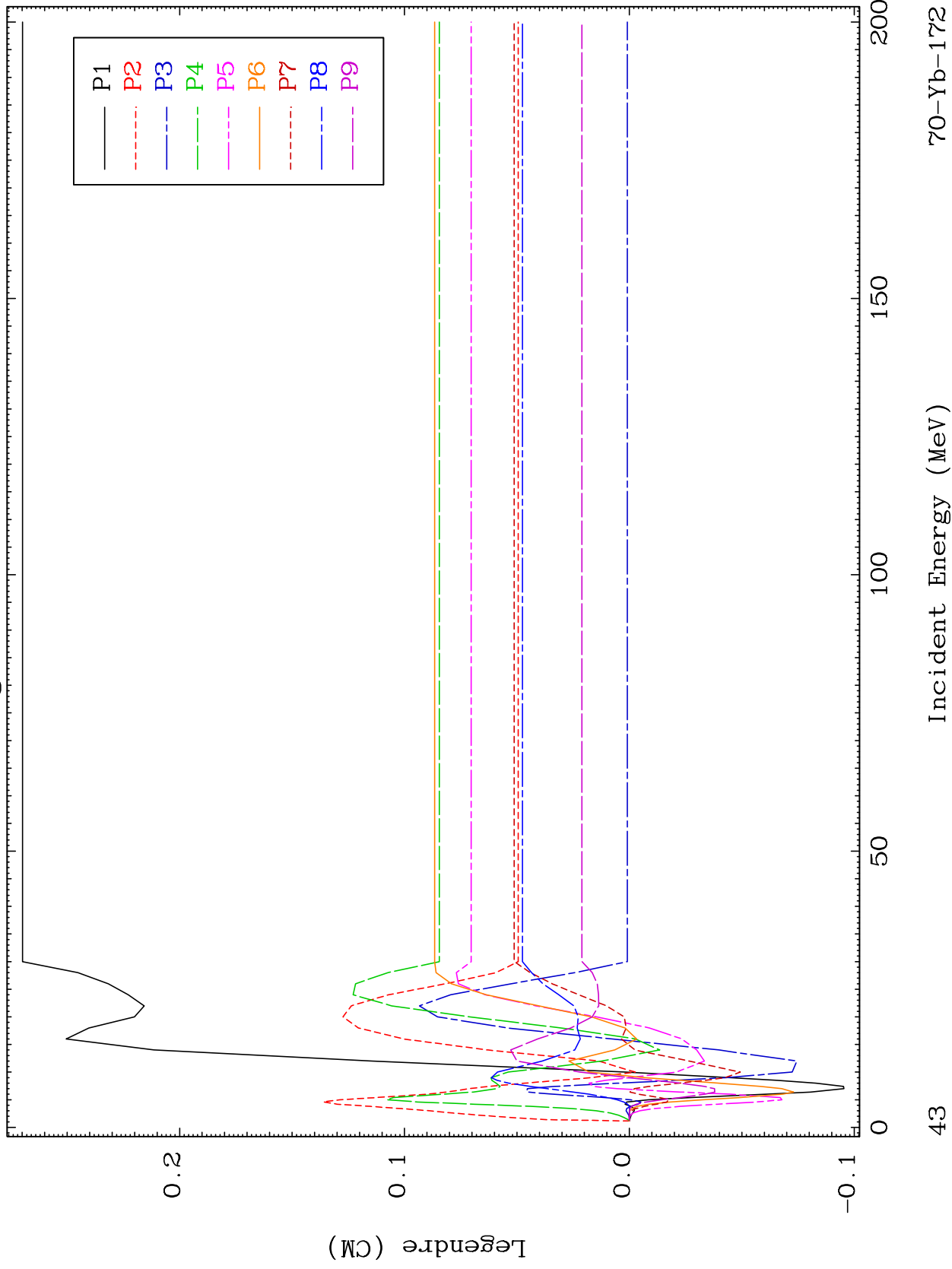
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

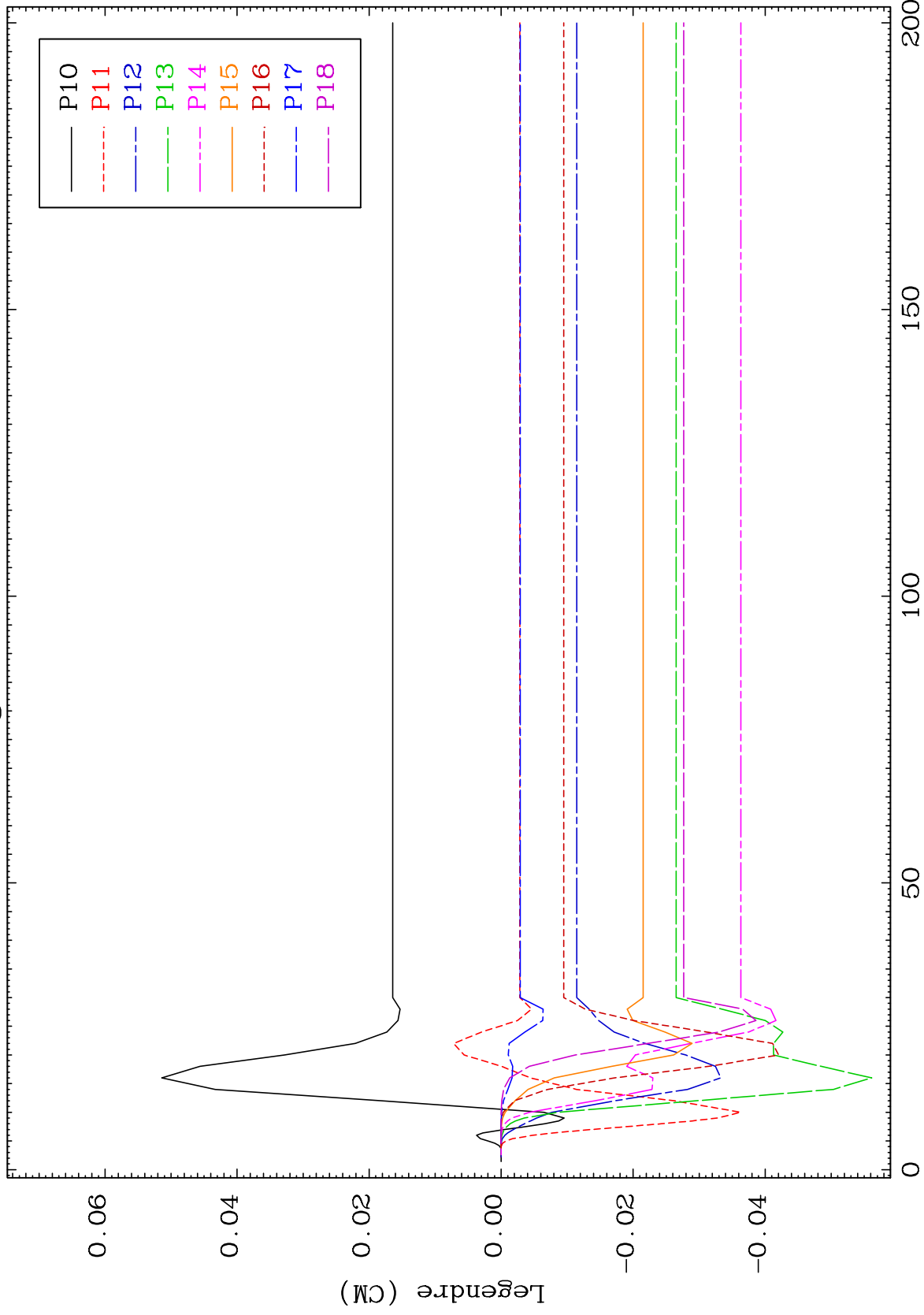
70-Yb-172



MAT 7037

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

70-Yb-172



44

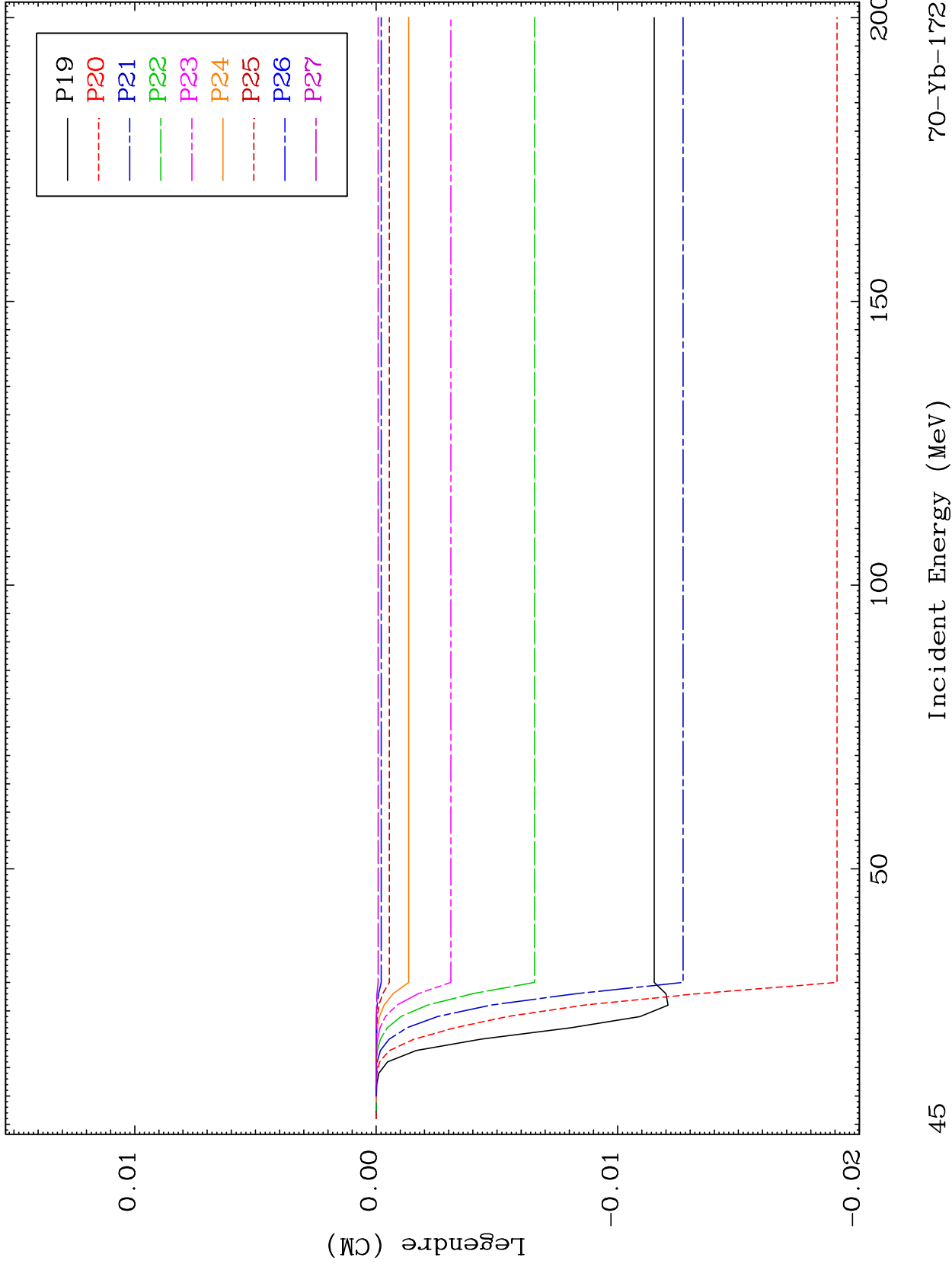
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

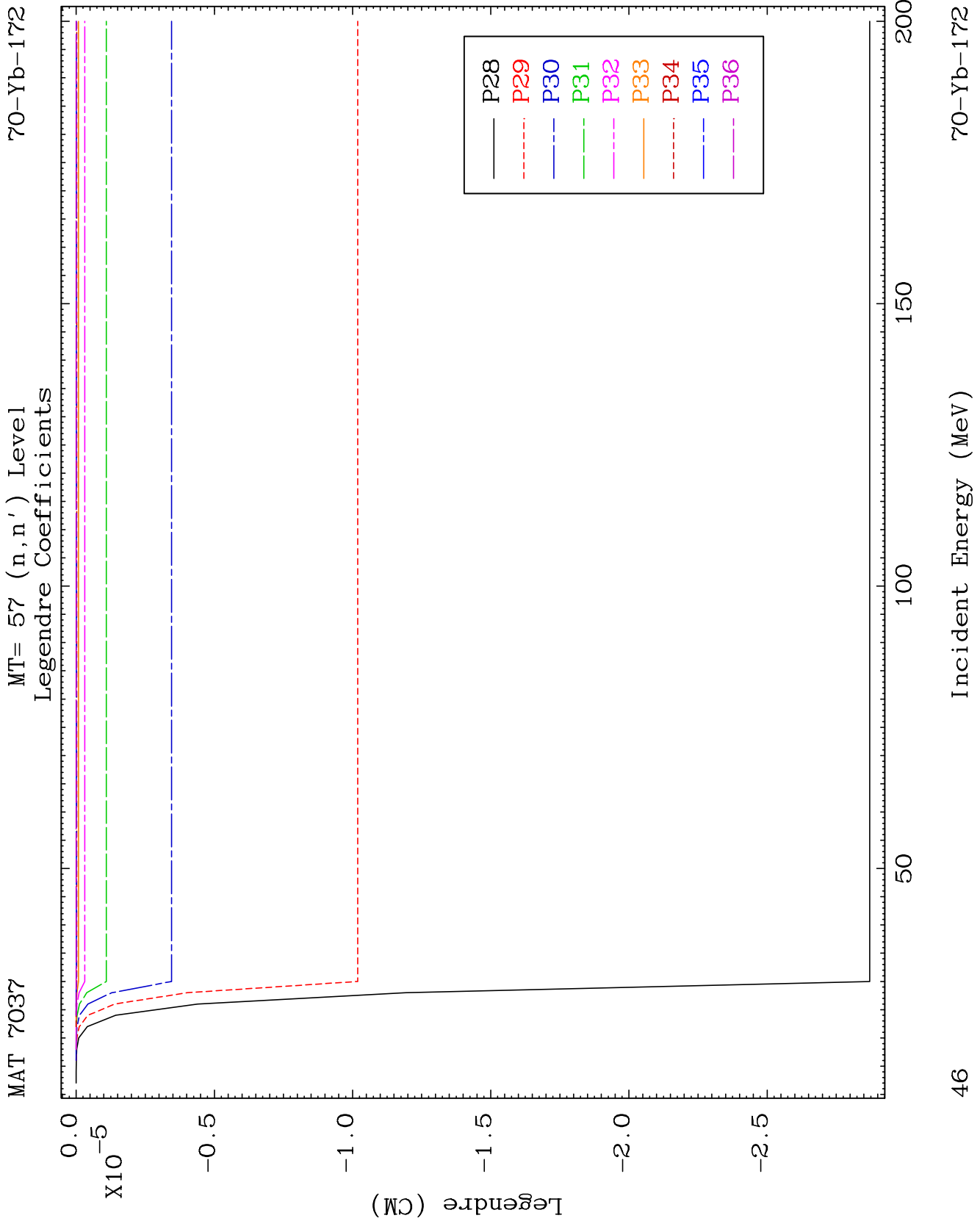
70-Yb-172

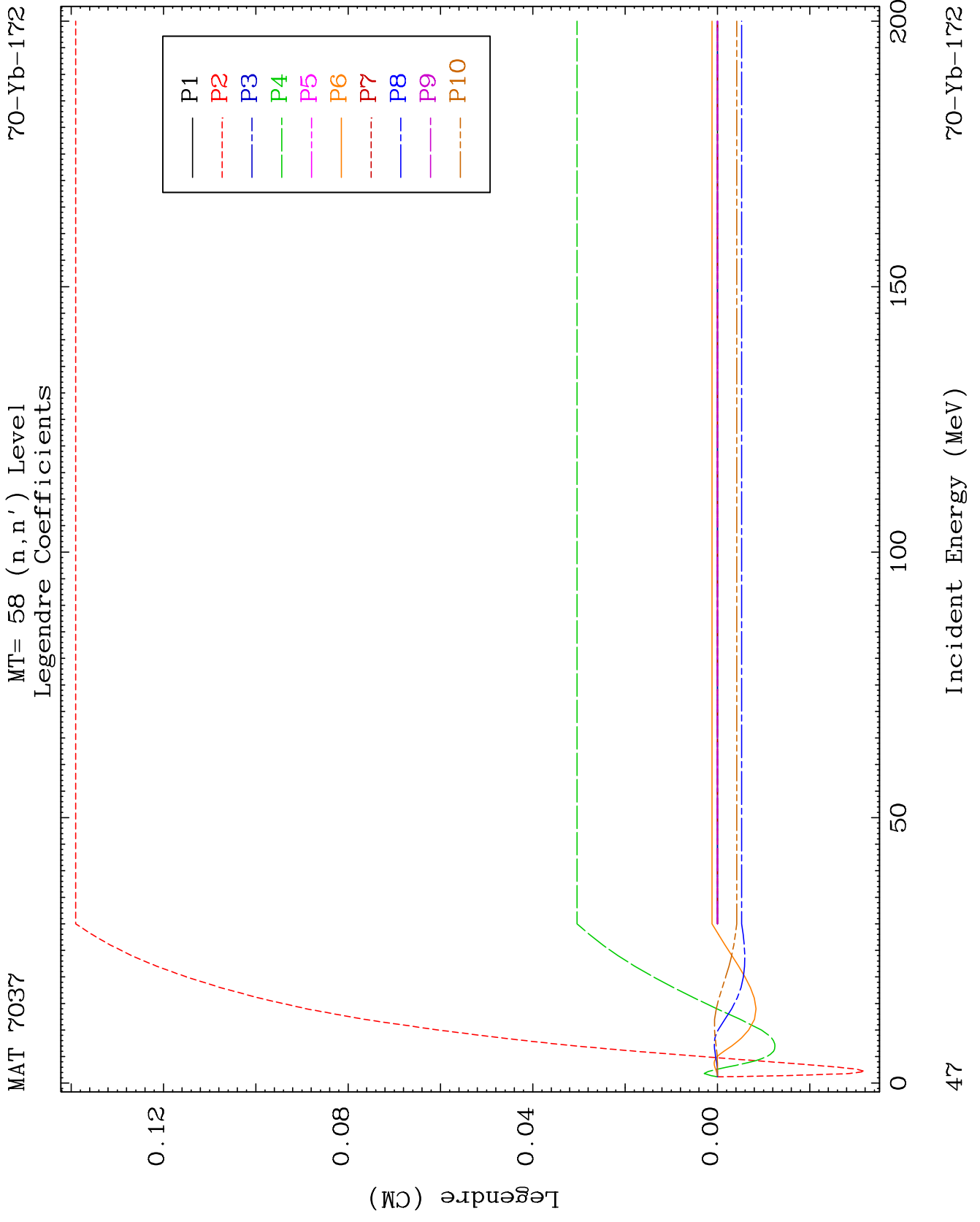


45

Incident Energy (MeV)

70-Yb-172



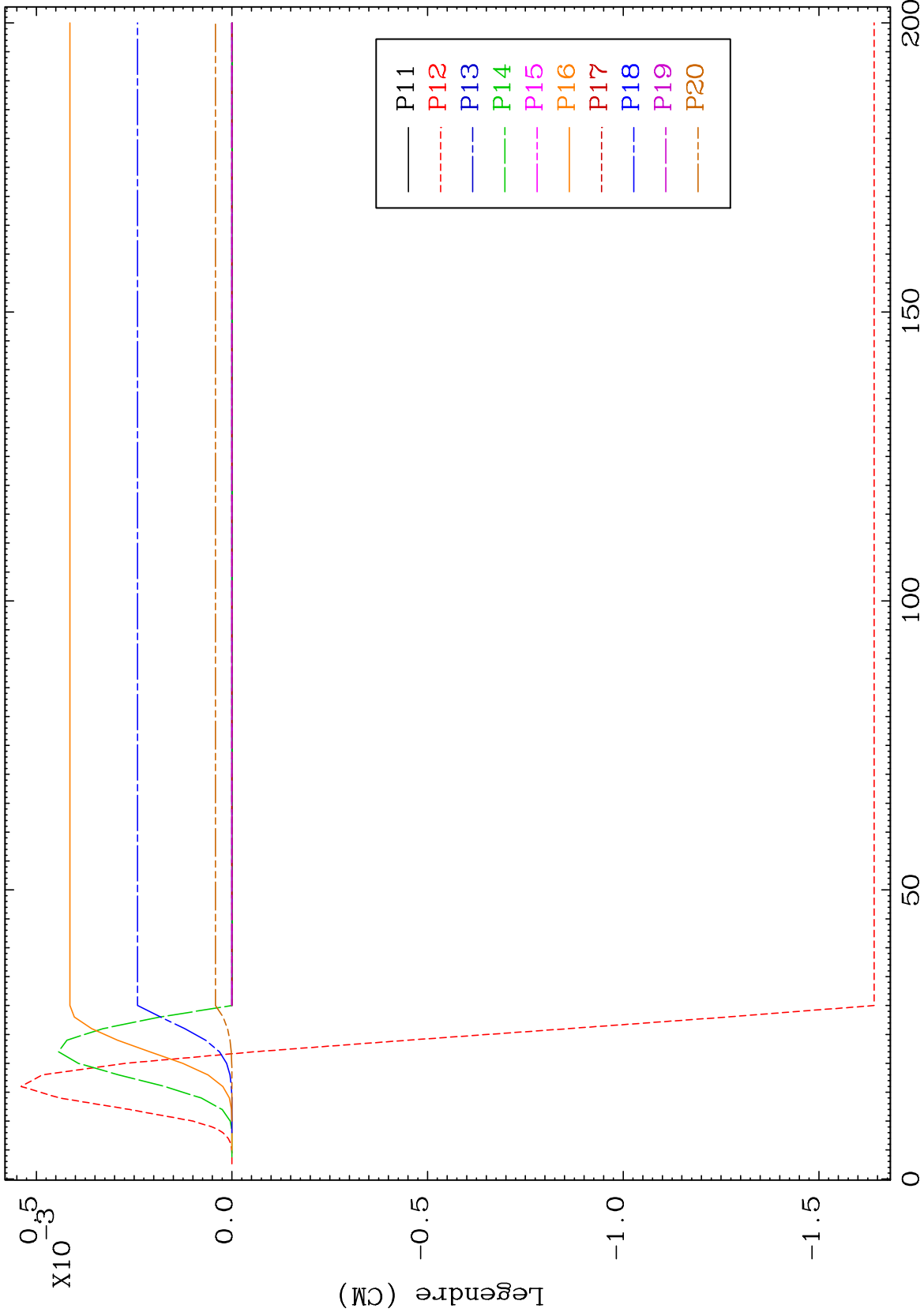




MAT 7037

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

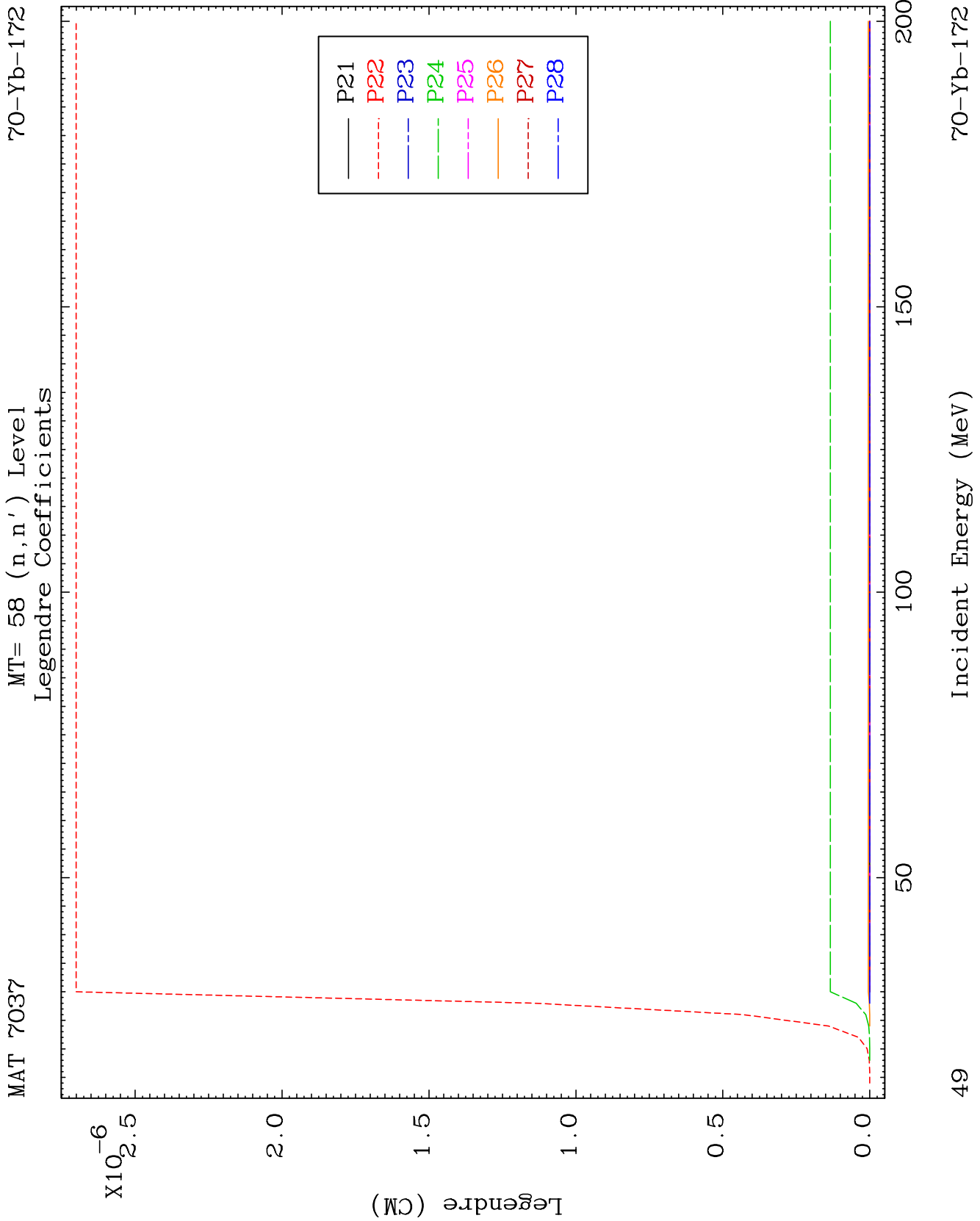
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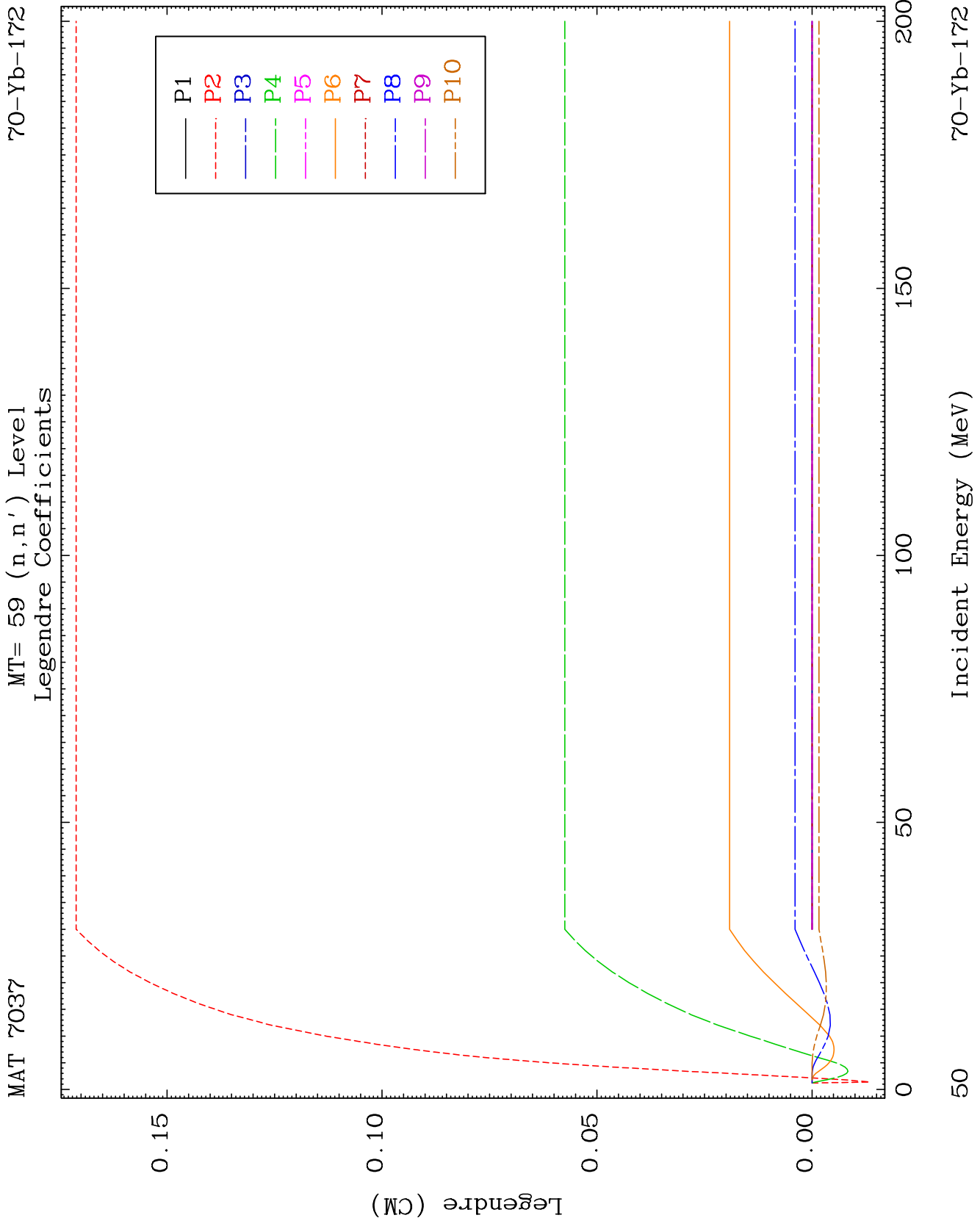


48

Incident Energy (MeV)

70-Yb-172

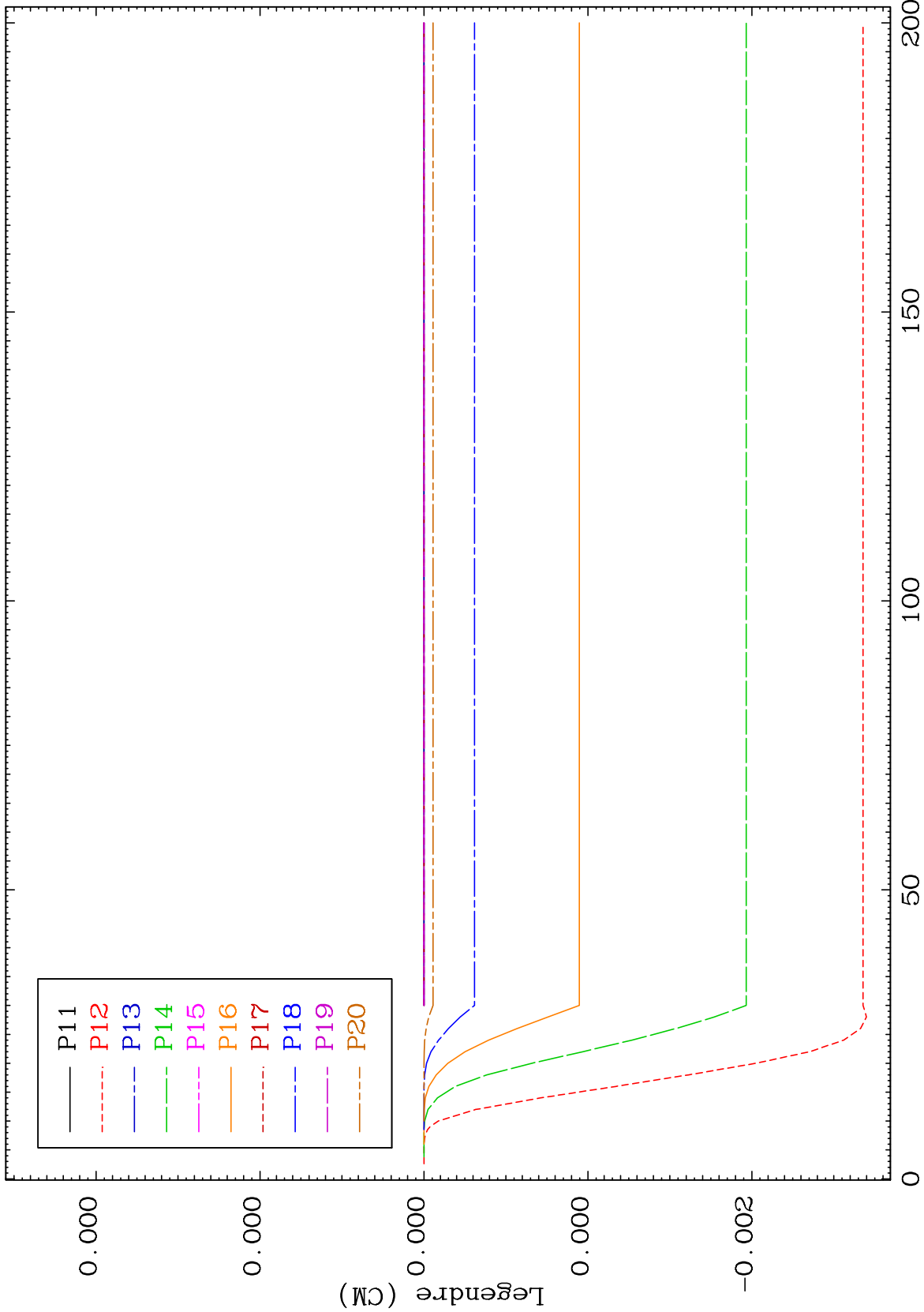




MAT 7037

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

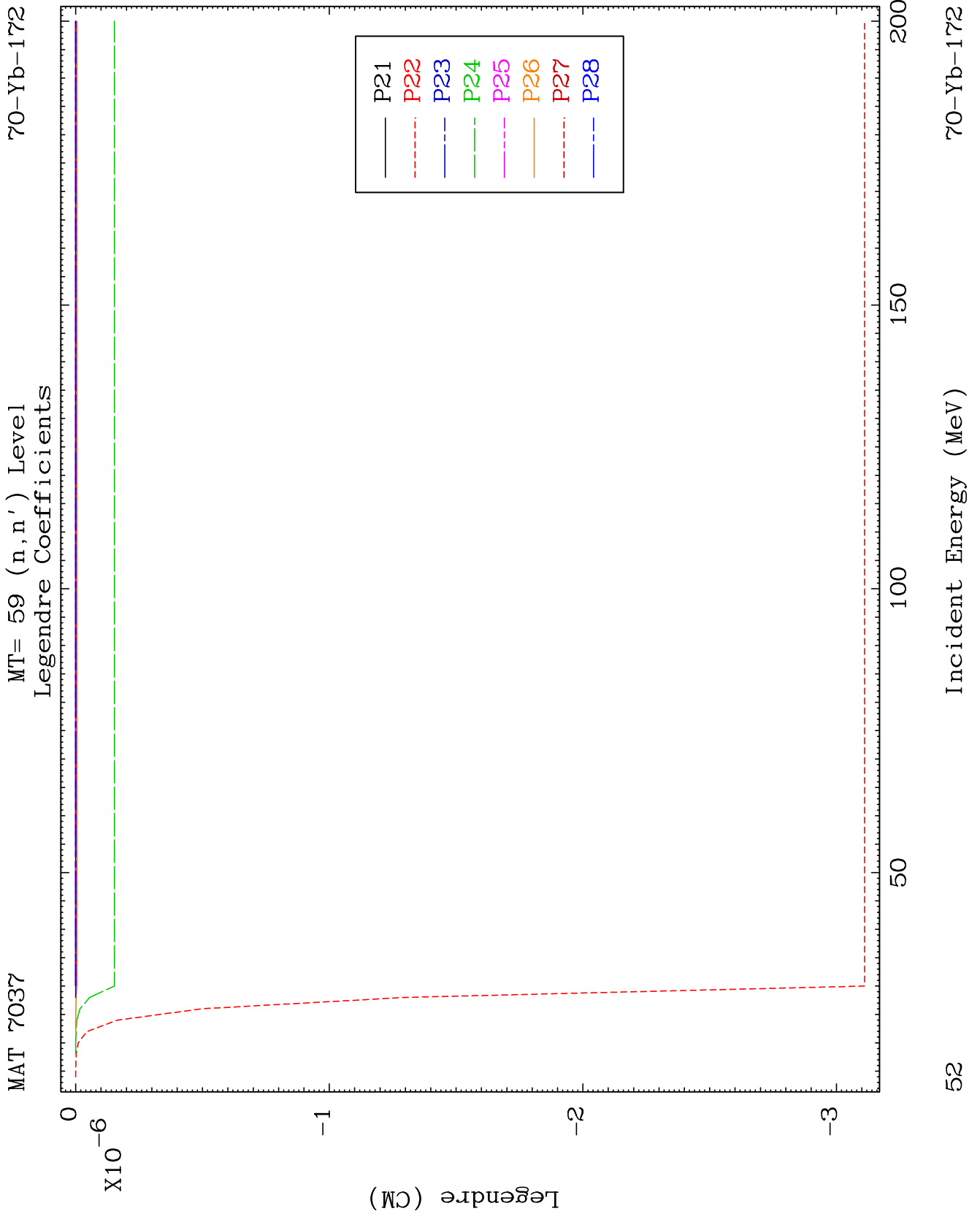
70-Yb-172



51

Incident Energy (MeV)

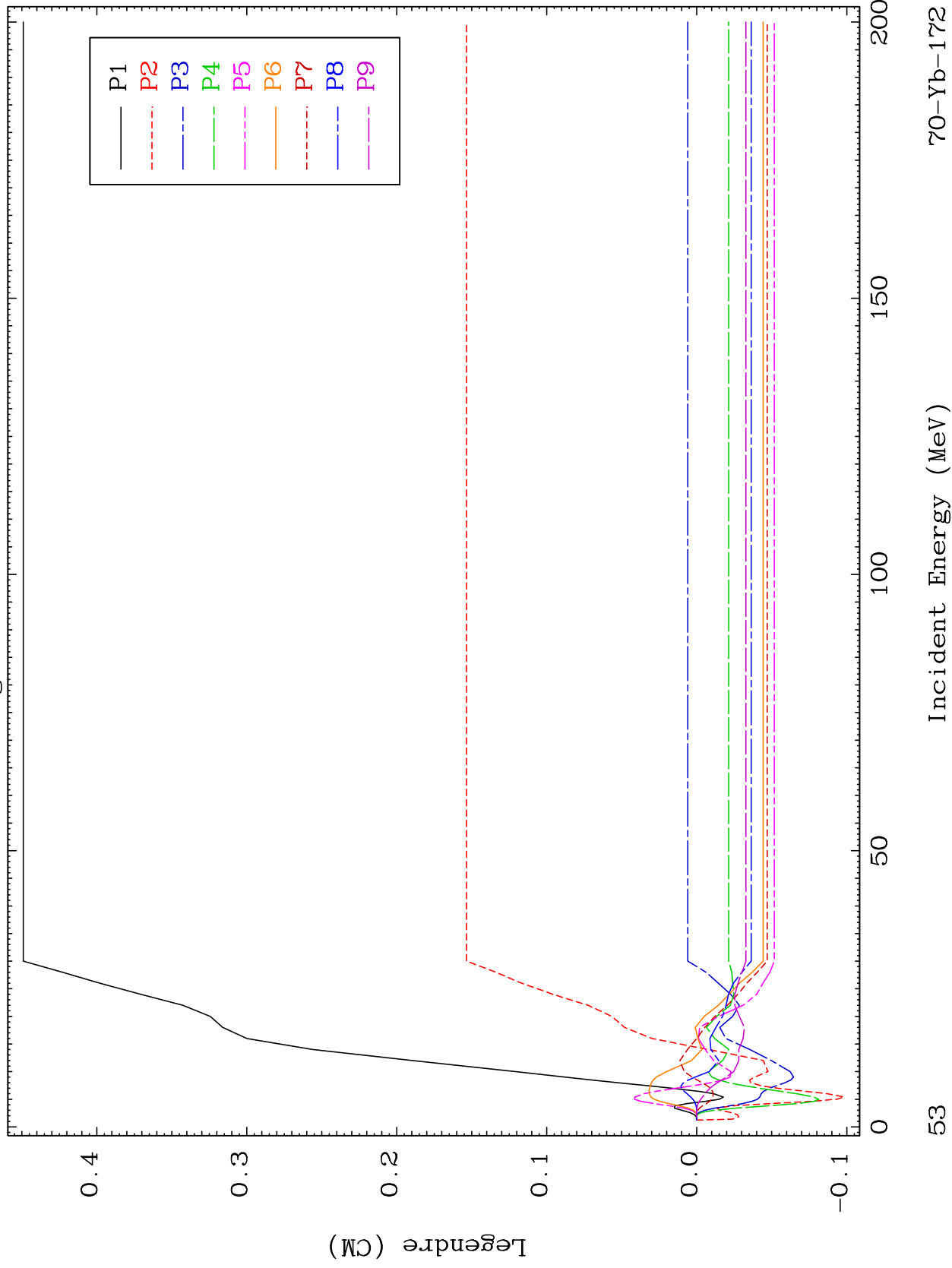
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

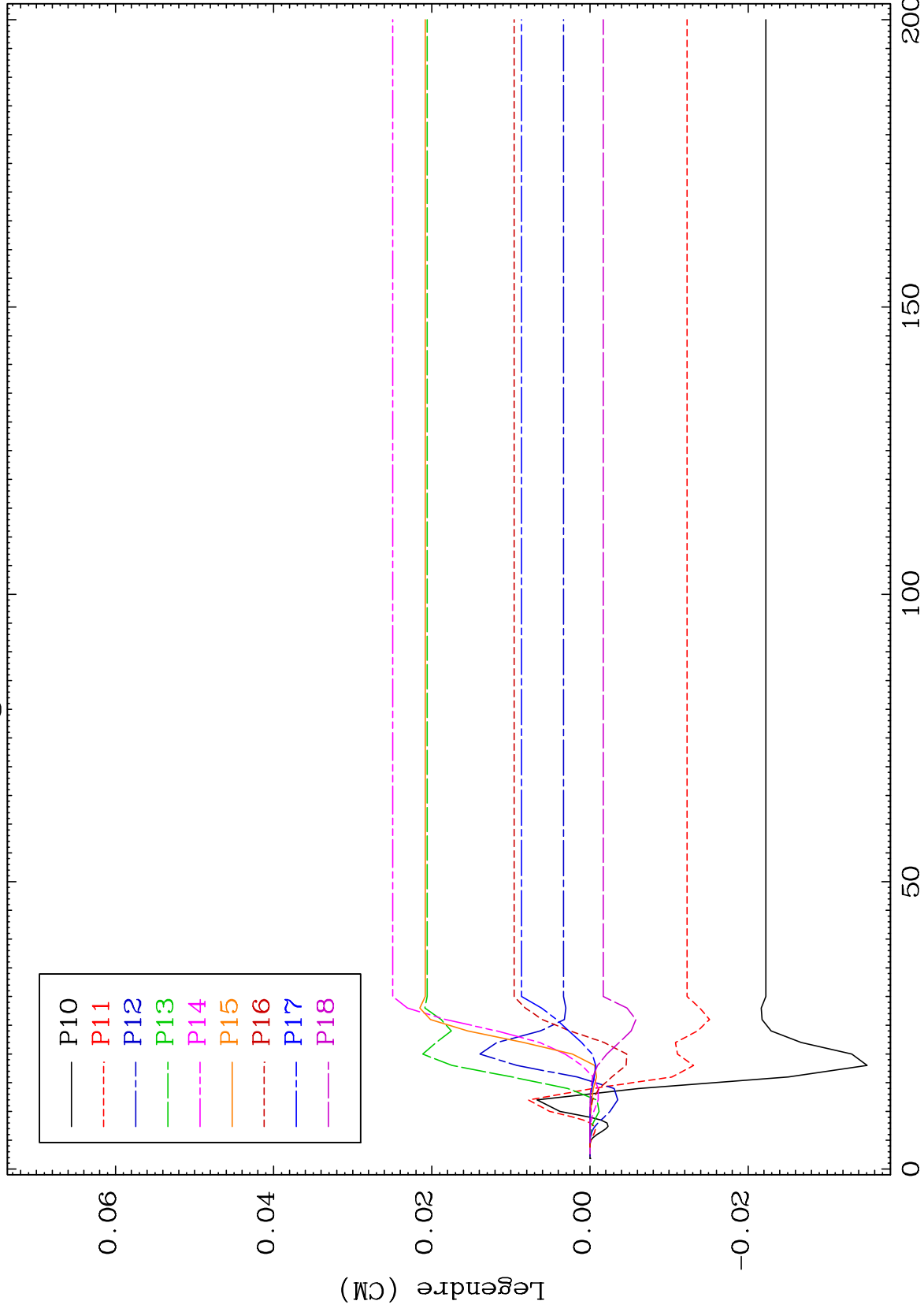
Incident Energy (MeV)

53

MAT 7037

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

70-Yb-172



54

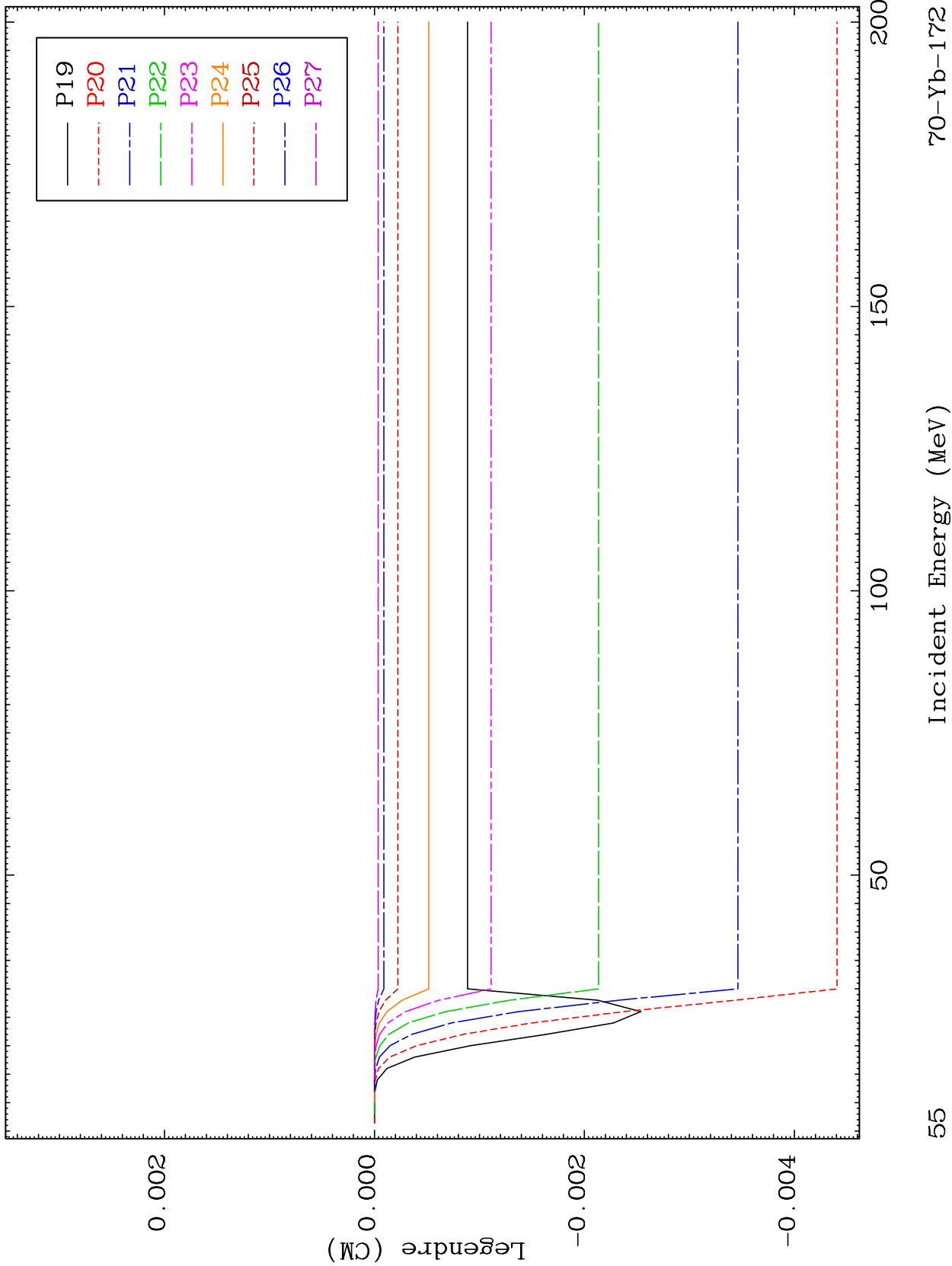
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172

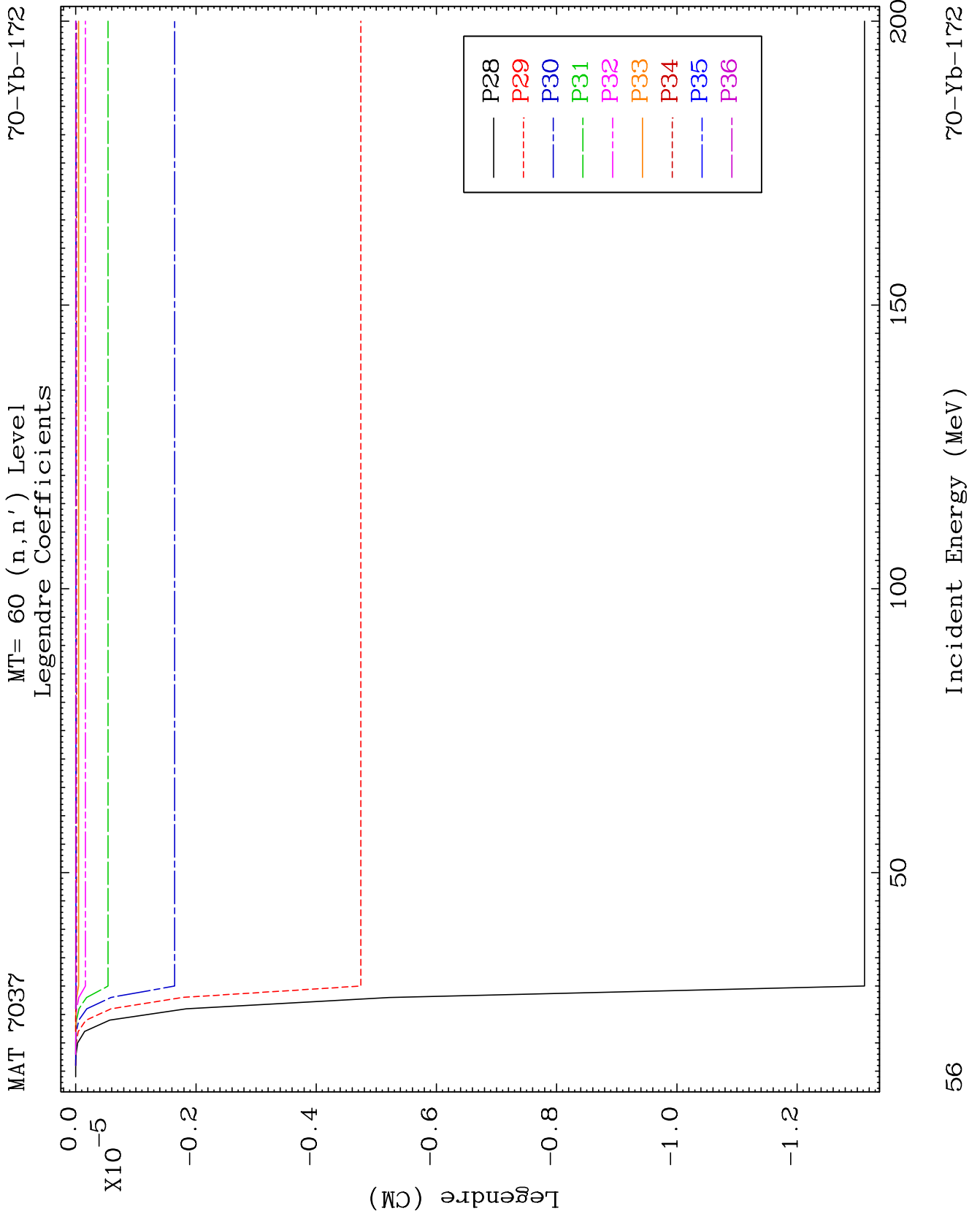


55

Incident Energy (MeV)

70-Yb-172

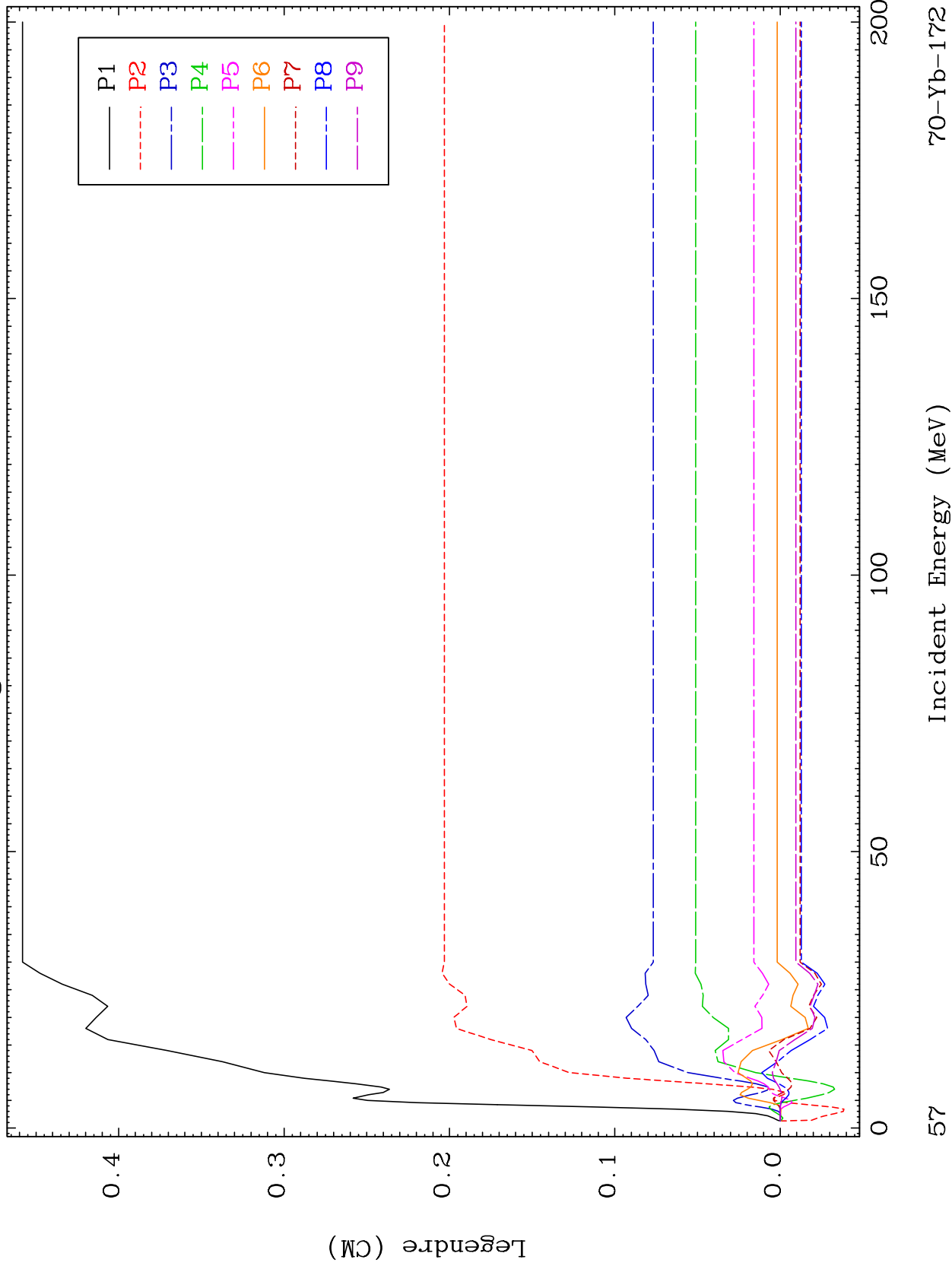




MAT 7037

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

70-Yb-172



57

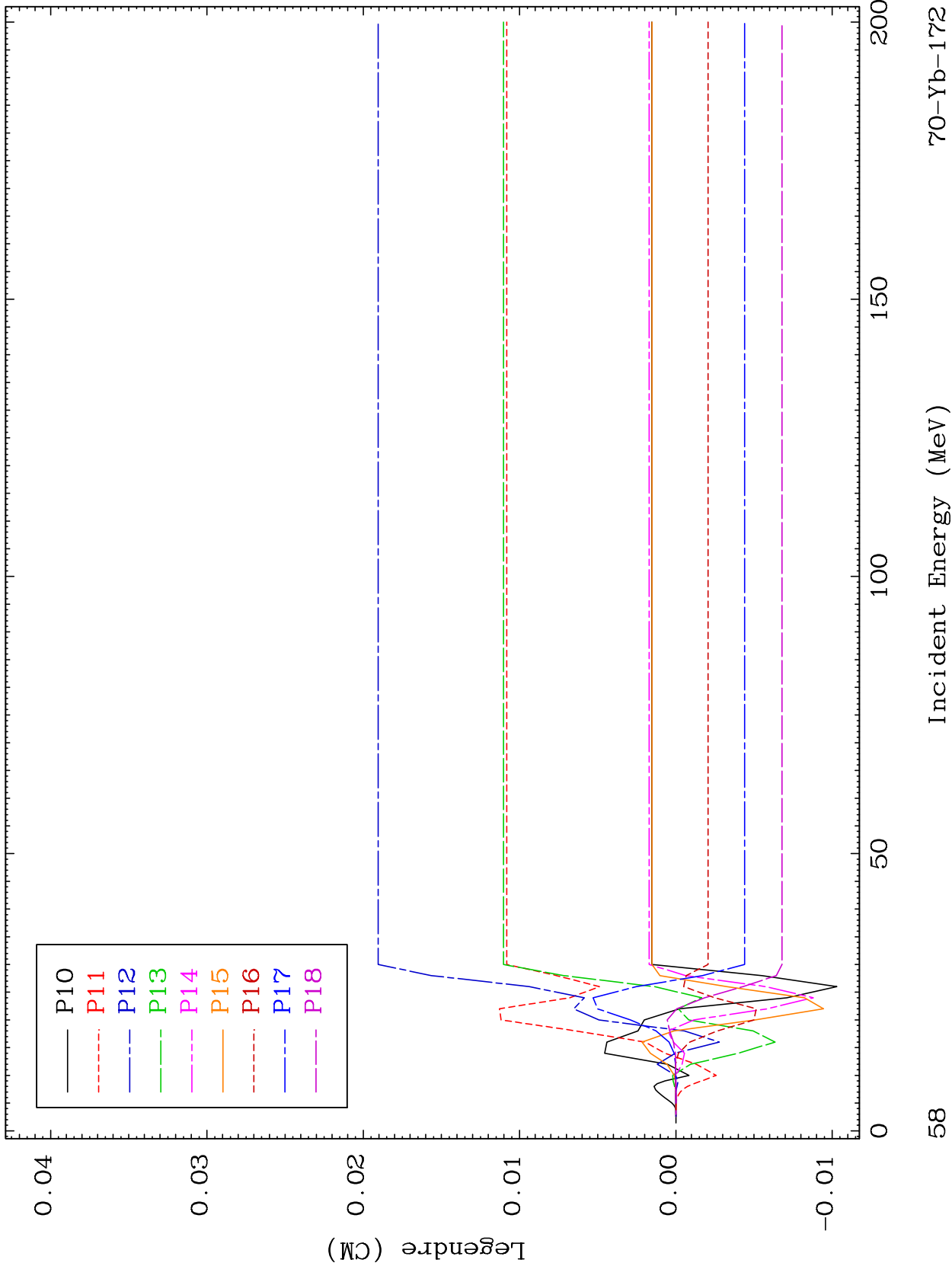
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

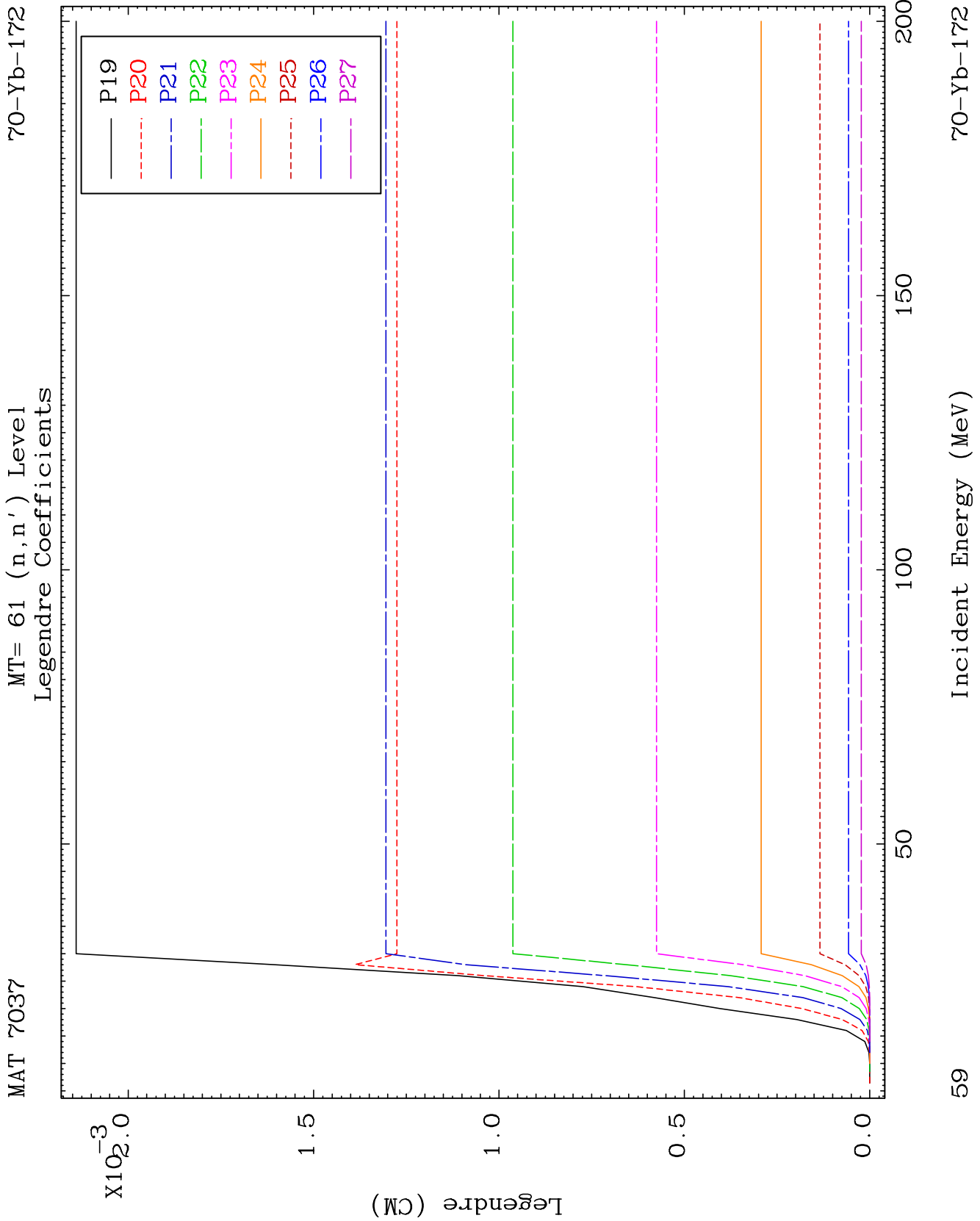
70-Yb-172



58

Incident Energy (MeV)

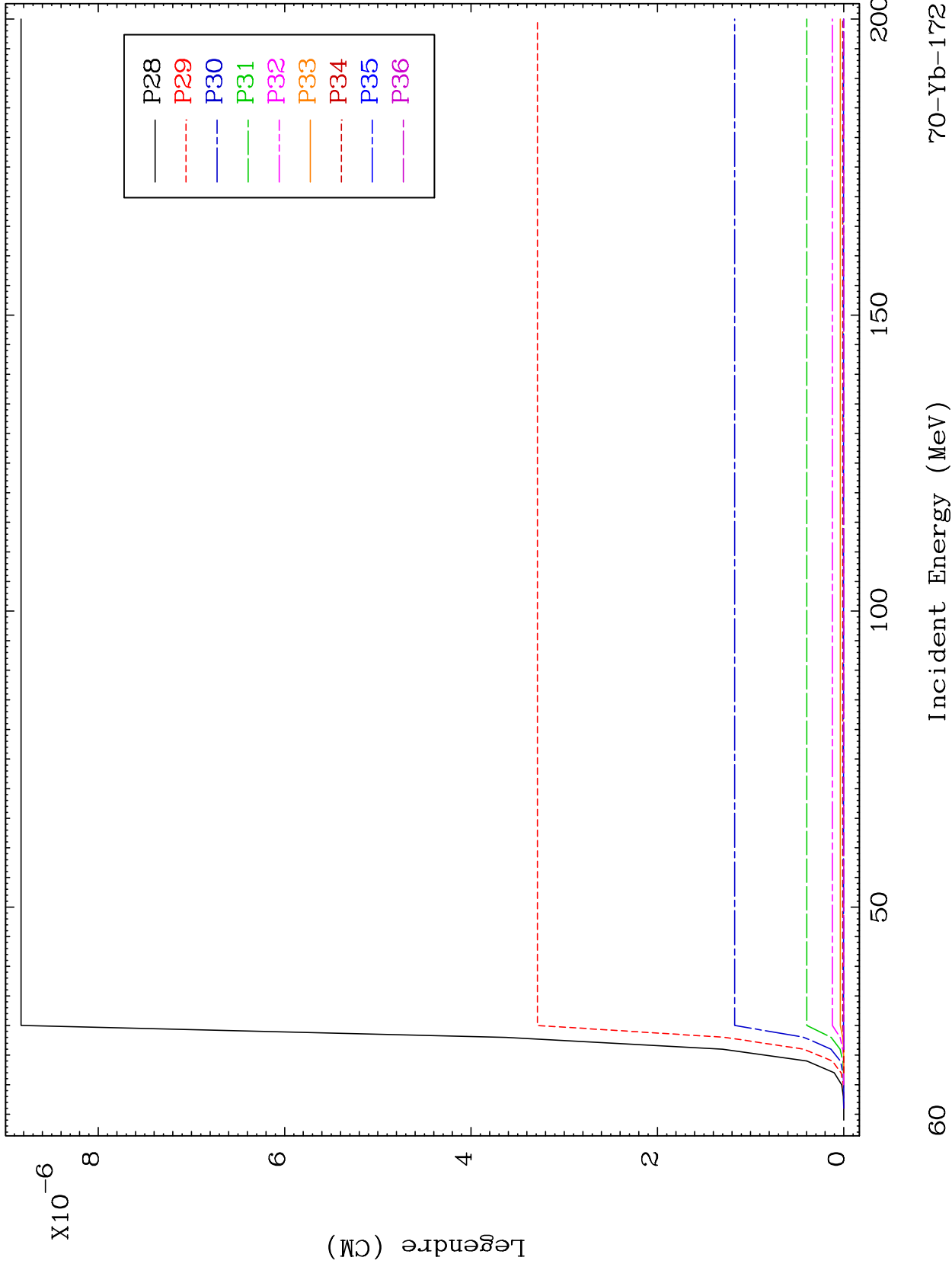
70-Yb-172



MAT 7037

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

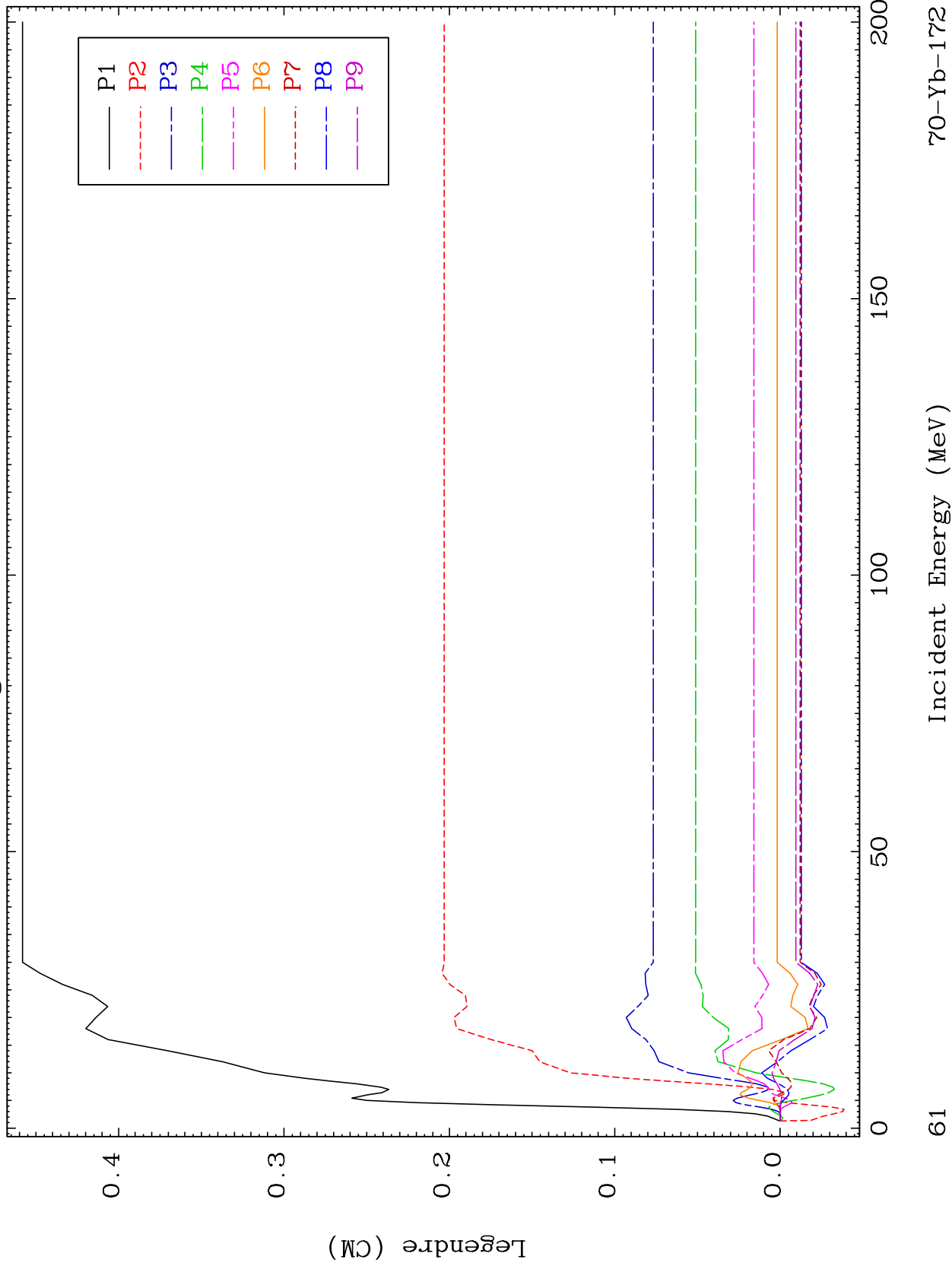
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

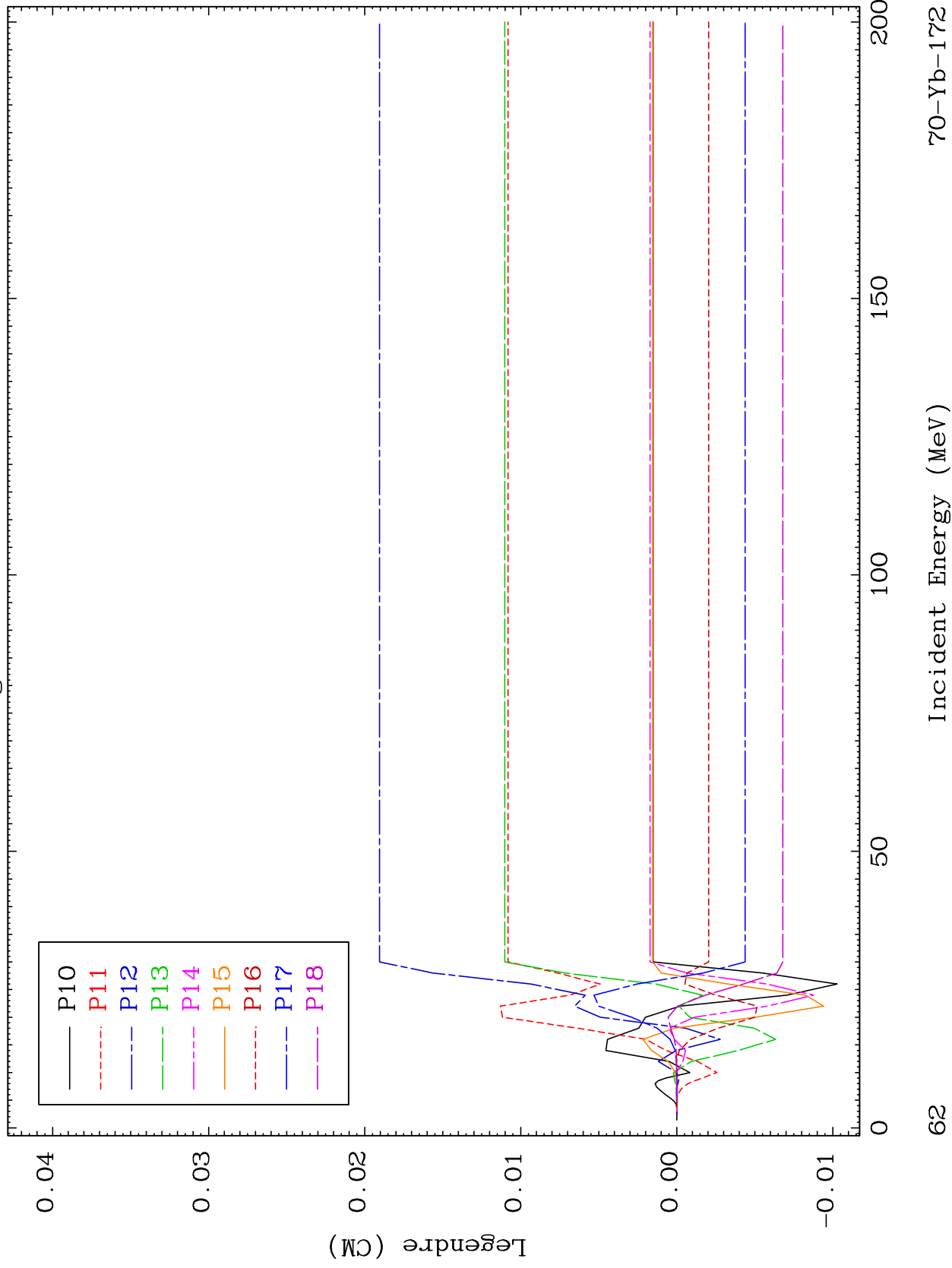
Incident Energy (MeV)

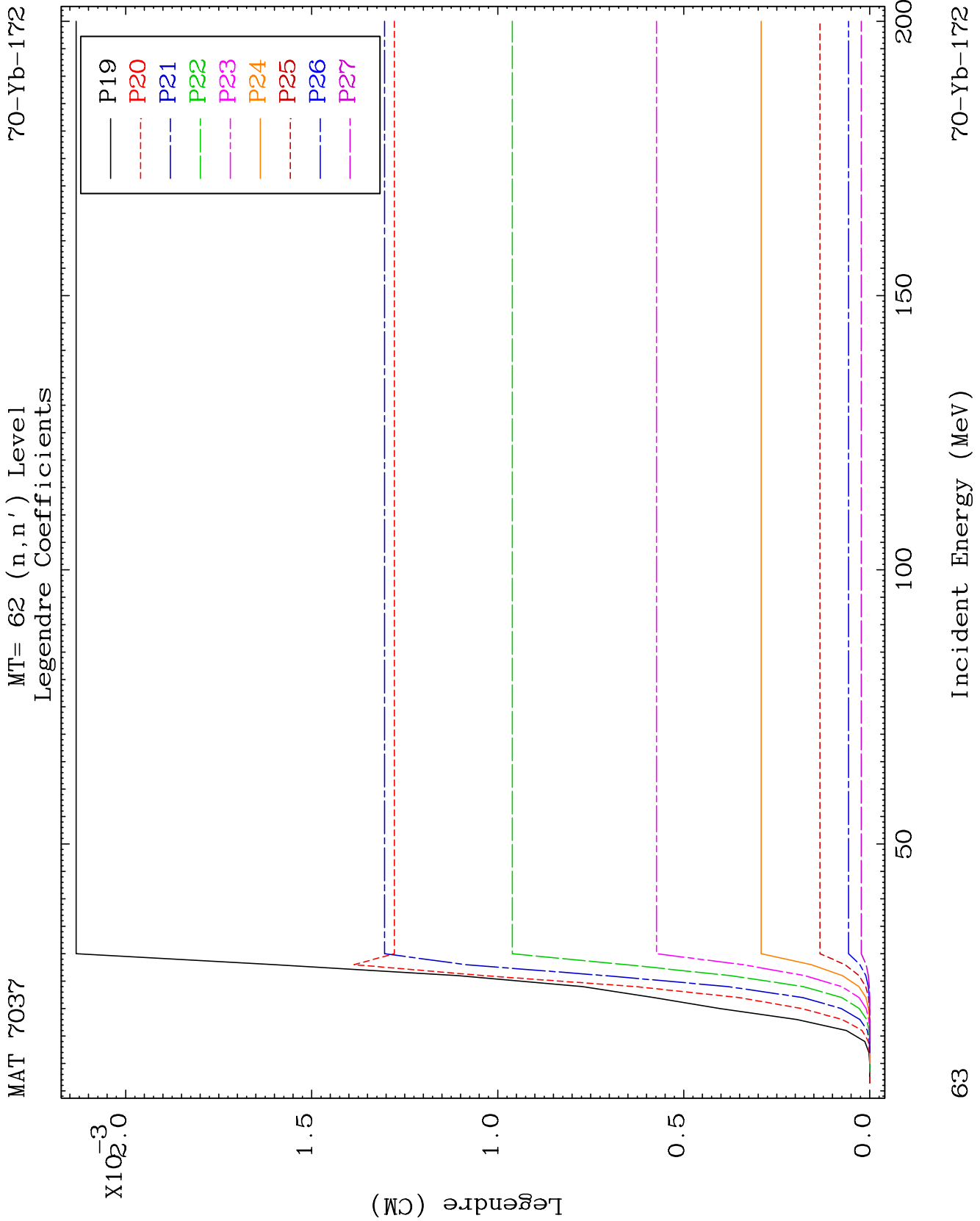
61

MAT 7037

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

70-Yb-172



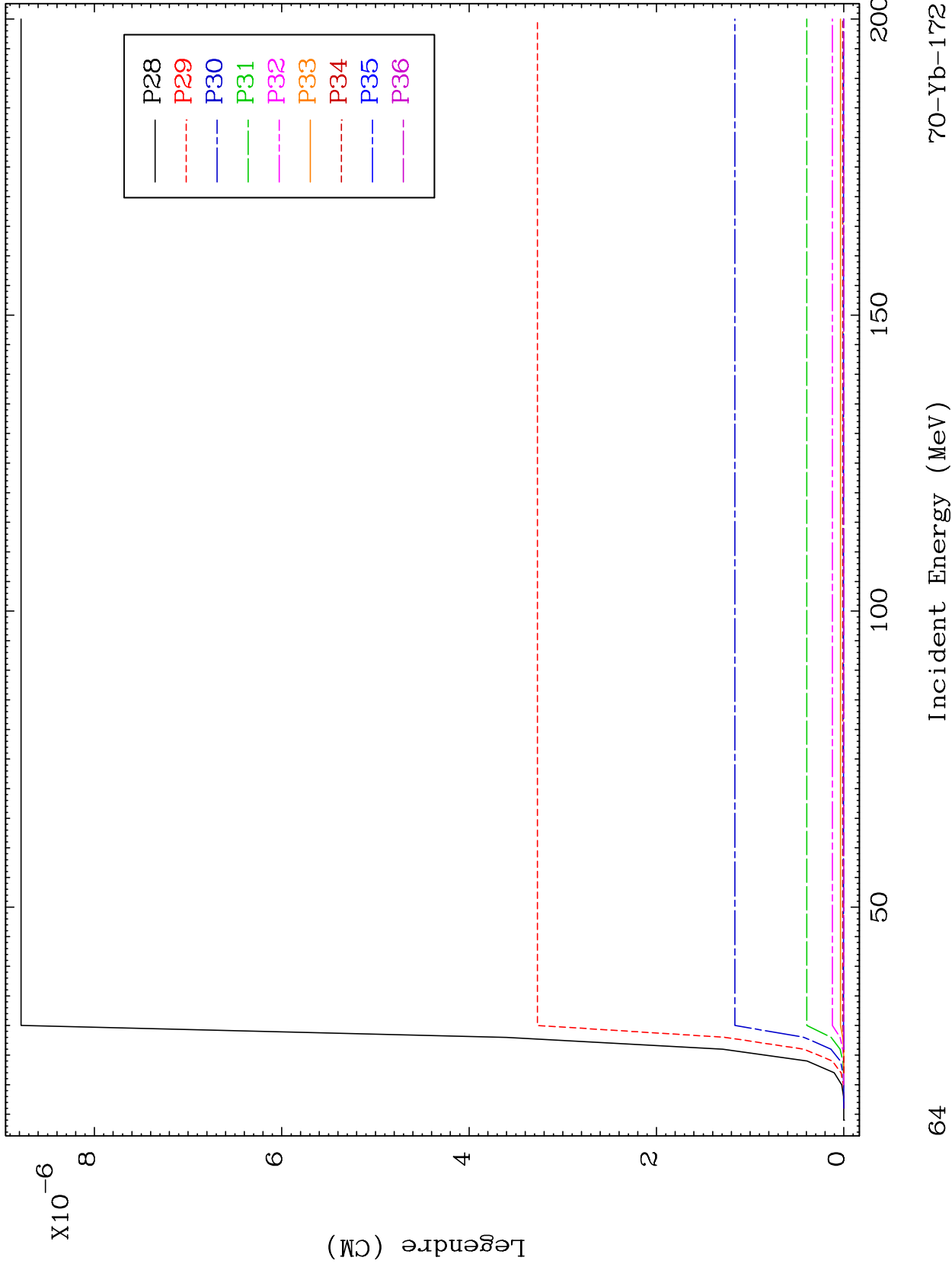




MAT 7037

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

70-Yb-172



64

Incident Energy (MeV)

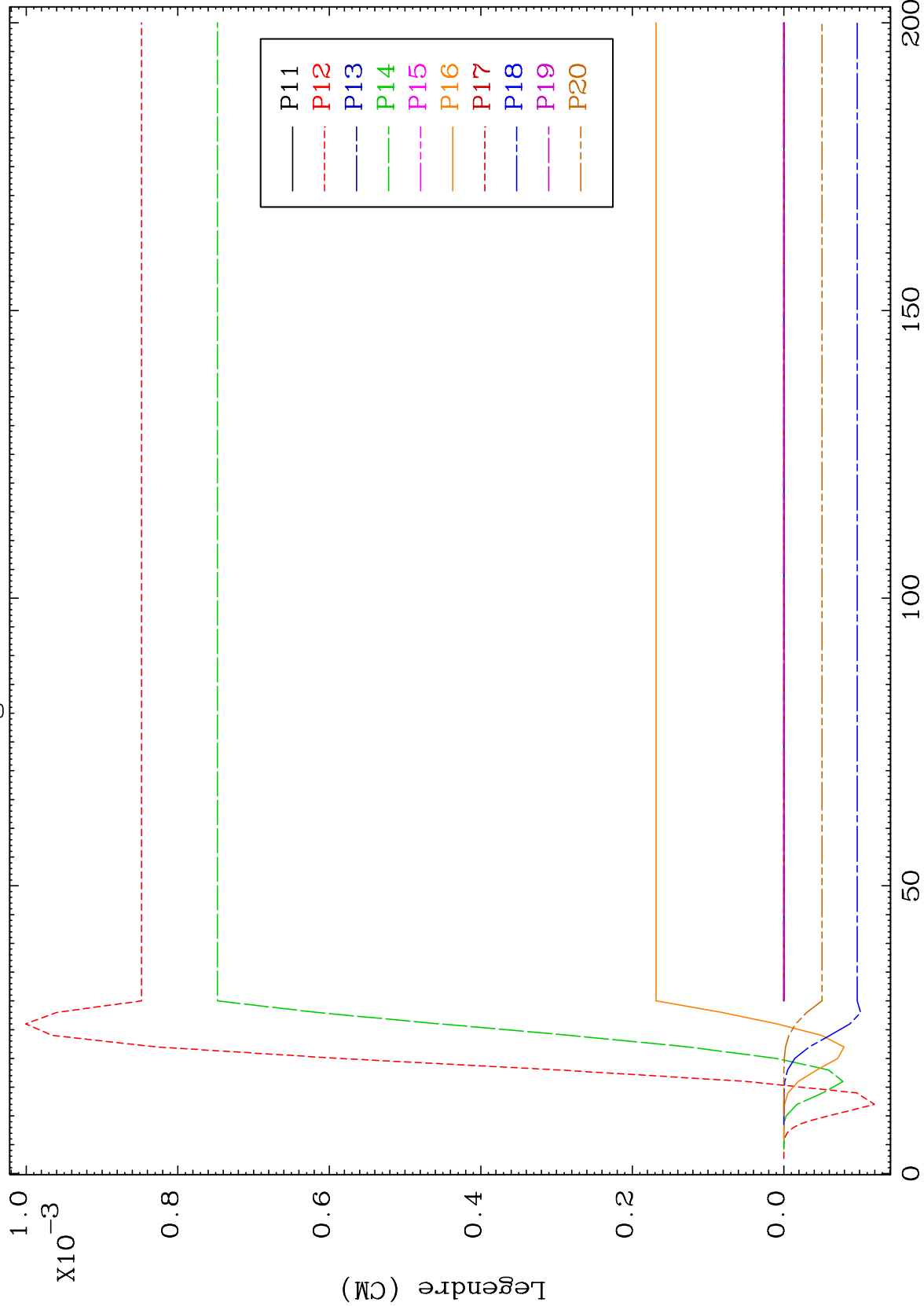
70-Yb-172



MAT 7037

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

70-Yb-172



66

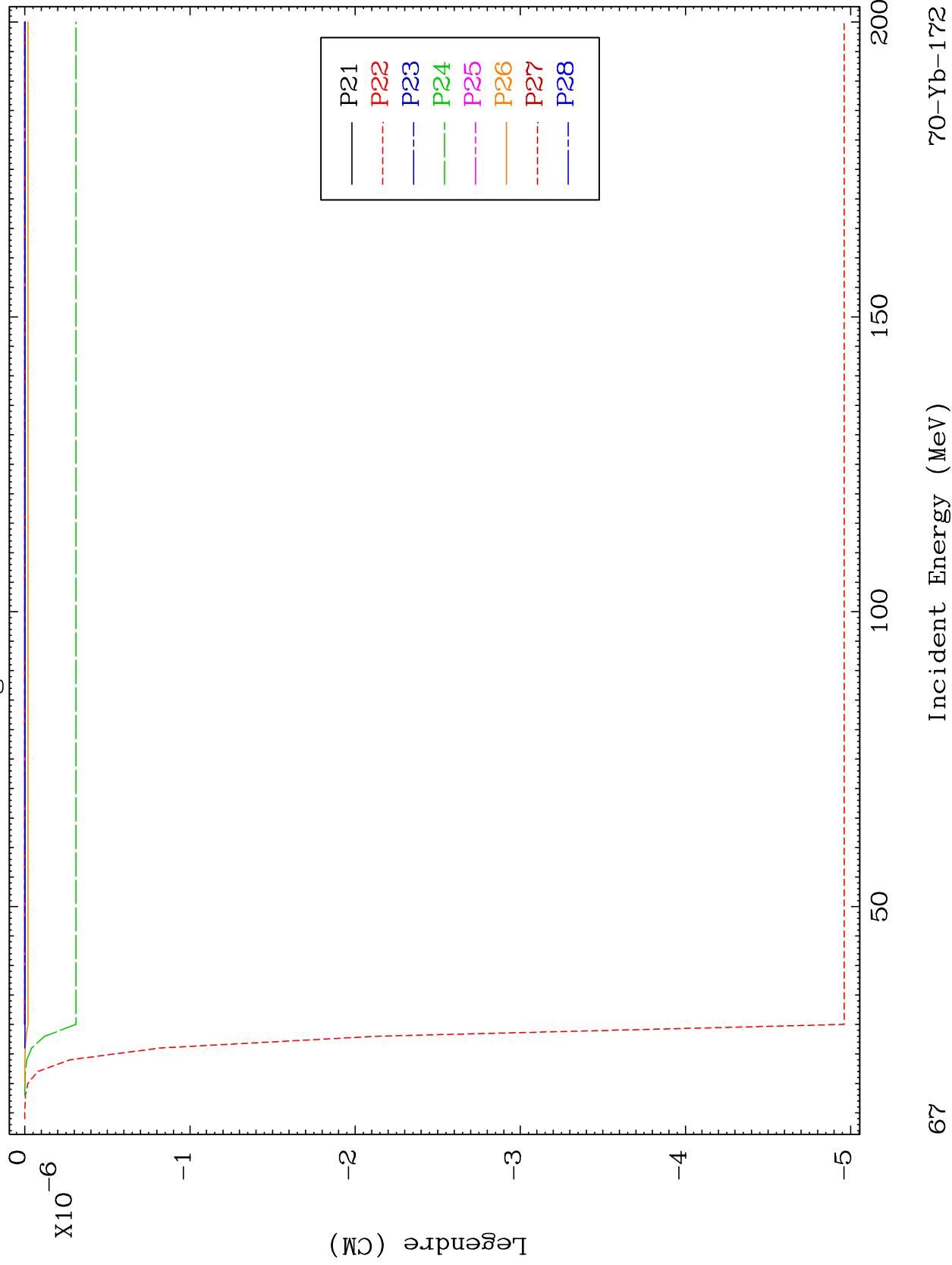
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



67

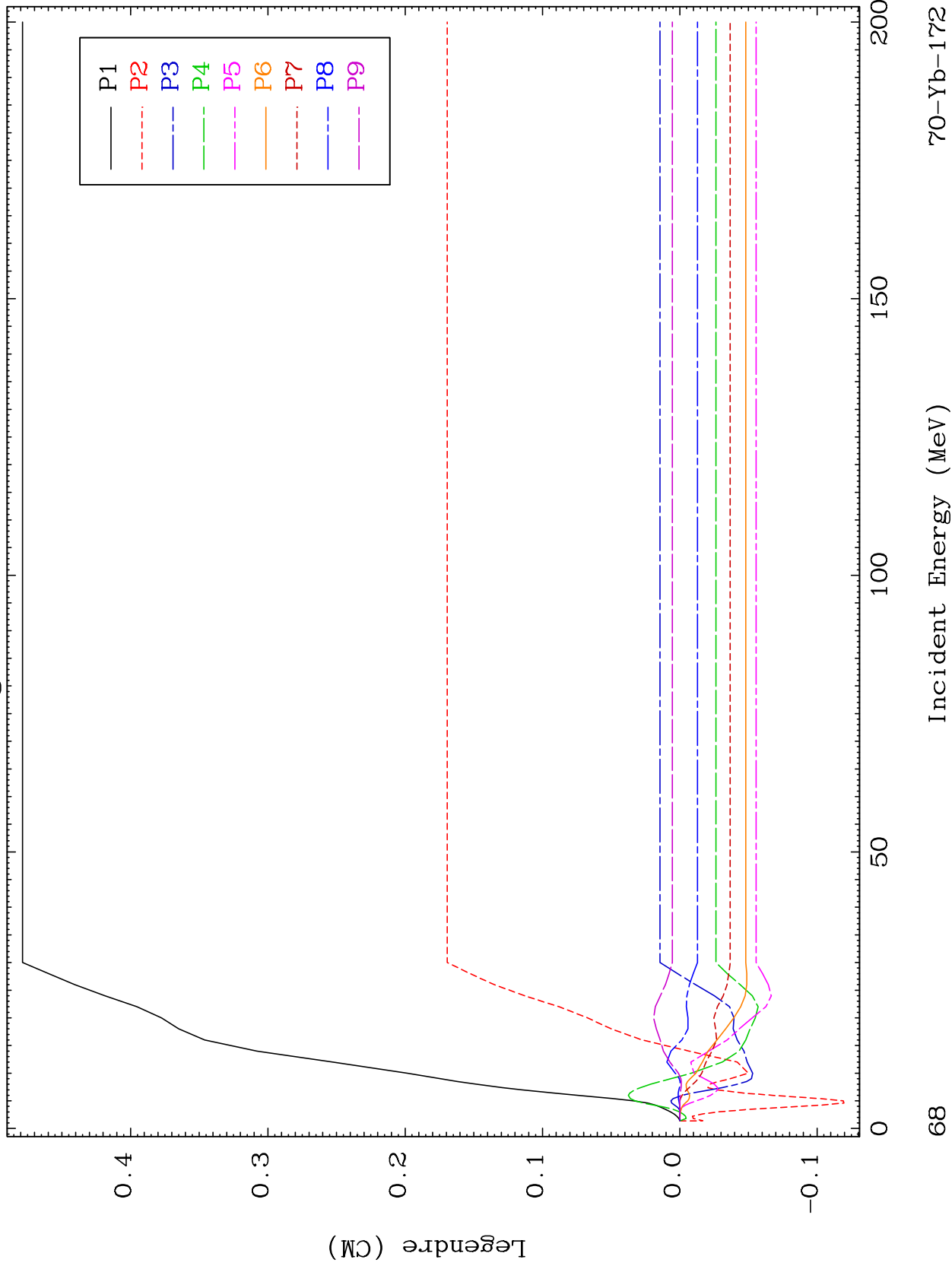
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



70-Yb-172

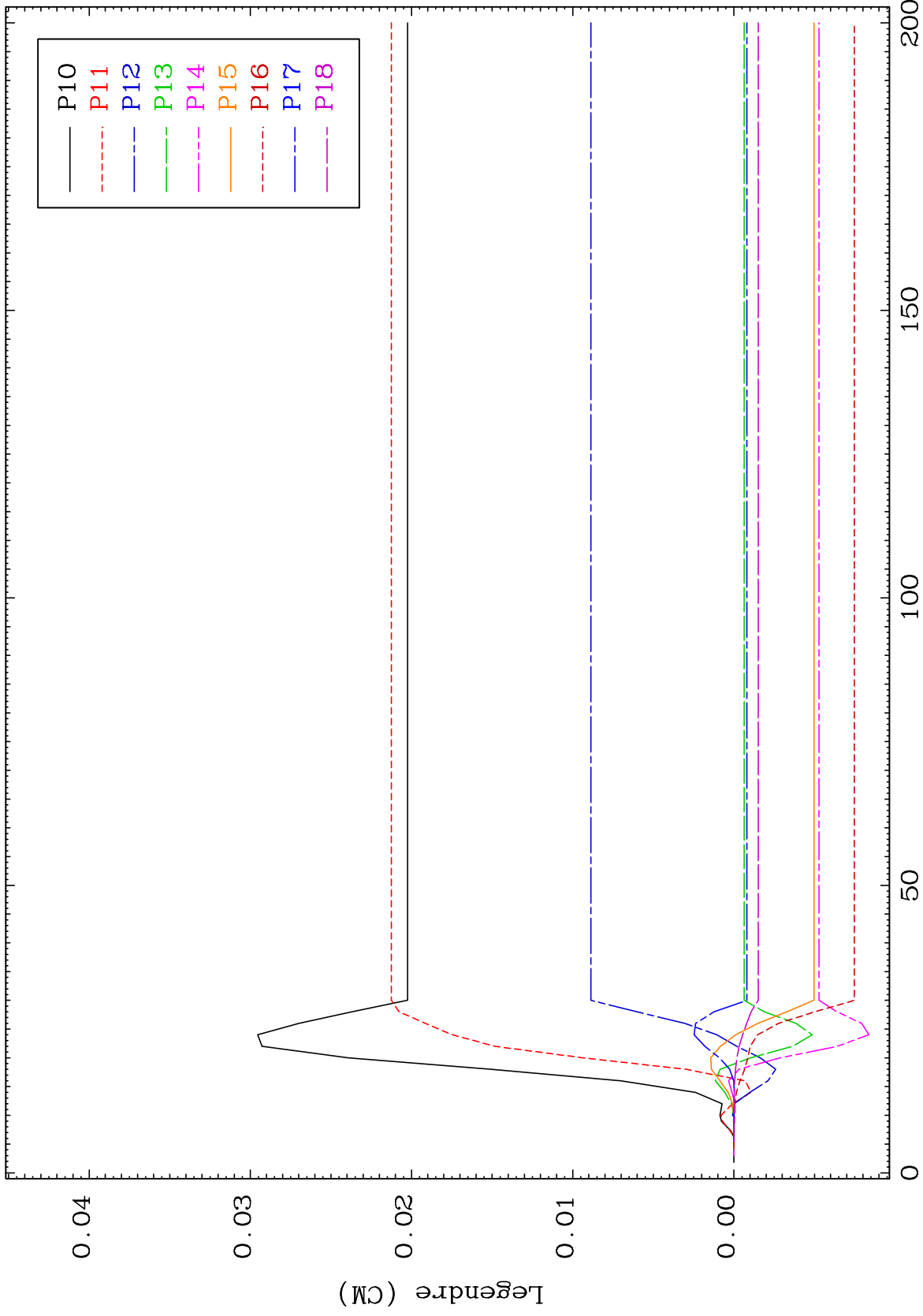
Incident Energy (MeV)

68

MAT 7037

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

70-Yb-172



69

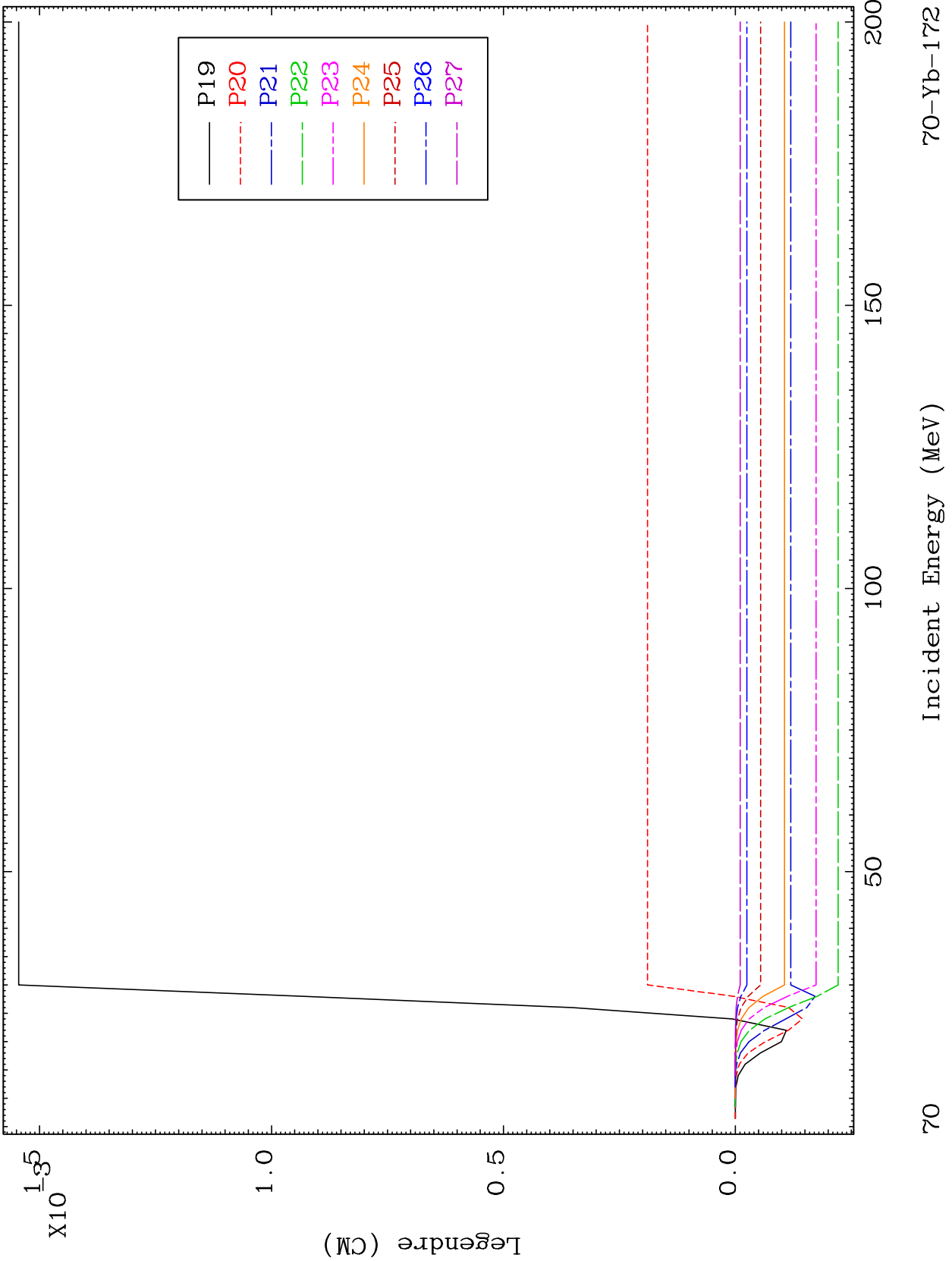
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

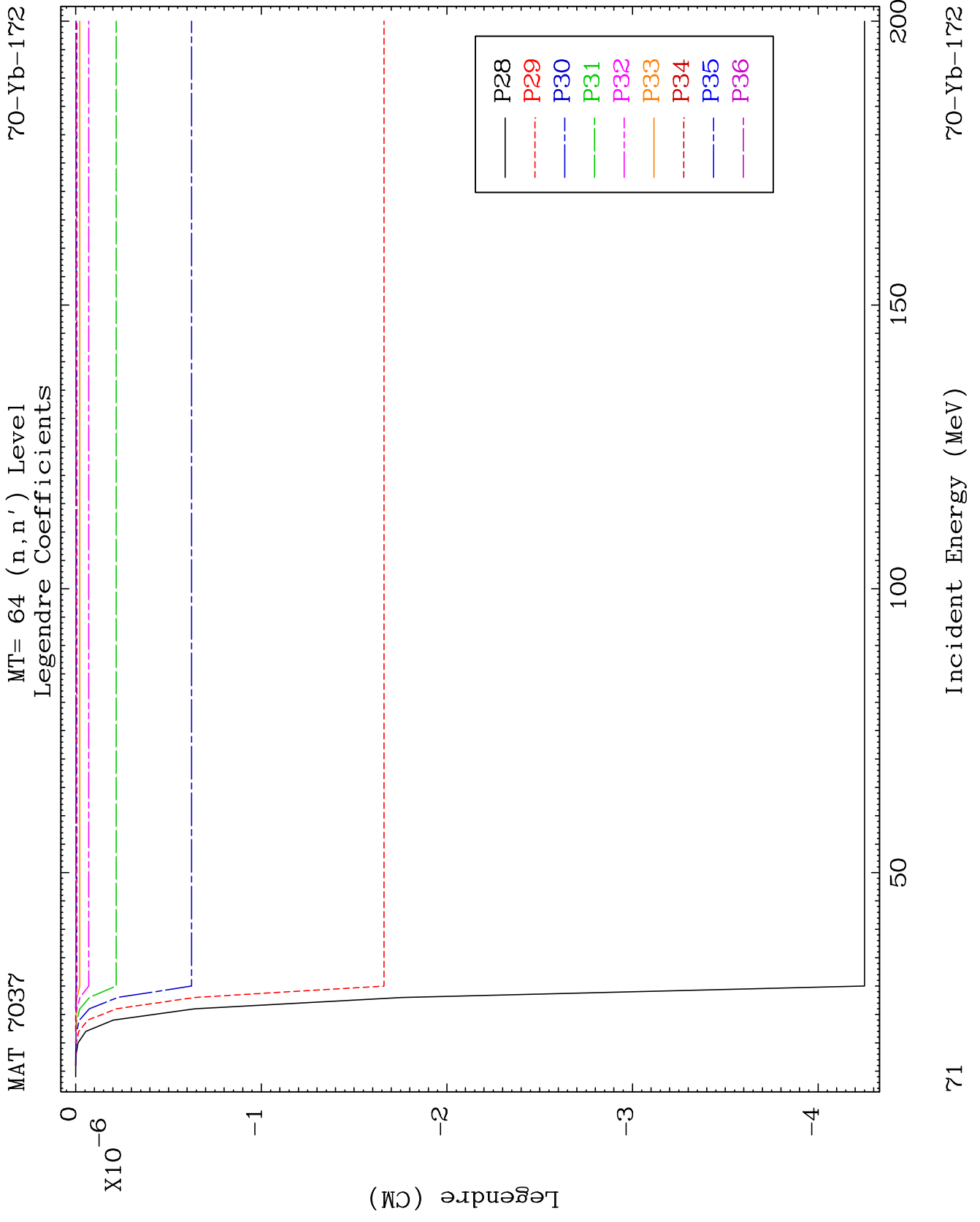
70-Yb-172



70

Incident Energy (MeV)

70-Yb-172

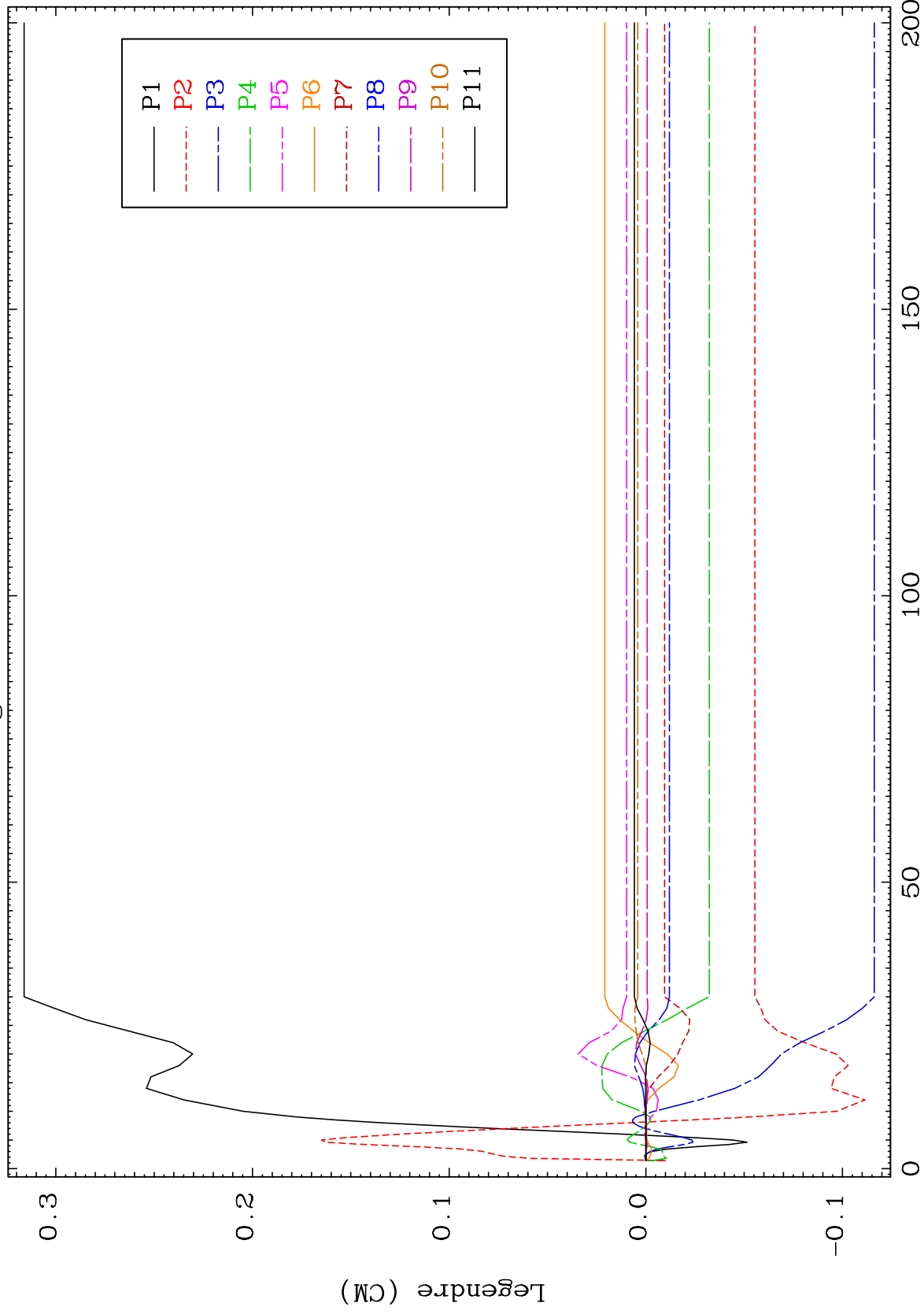




MAT 7037

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

70-Yb-172



72

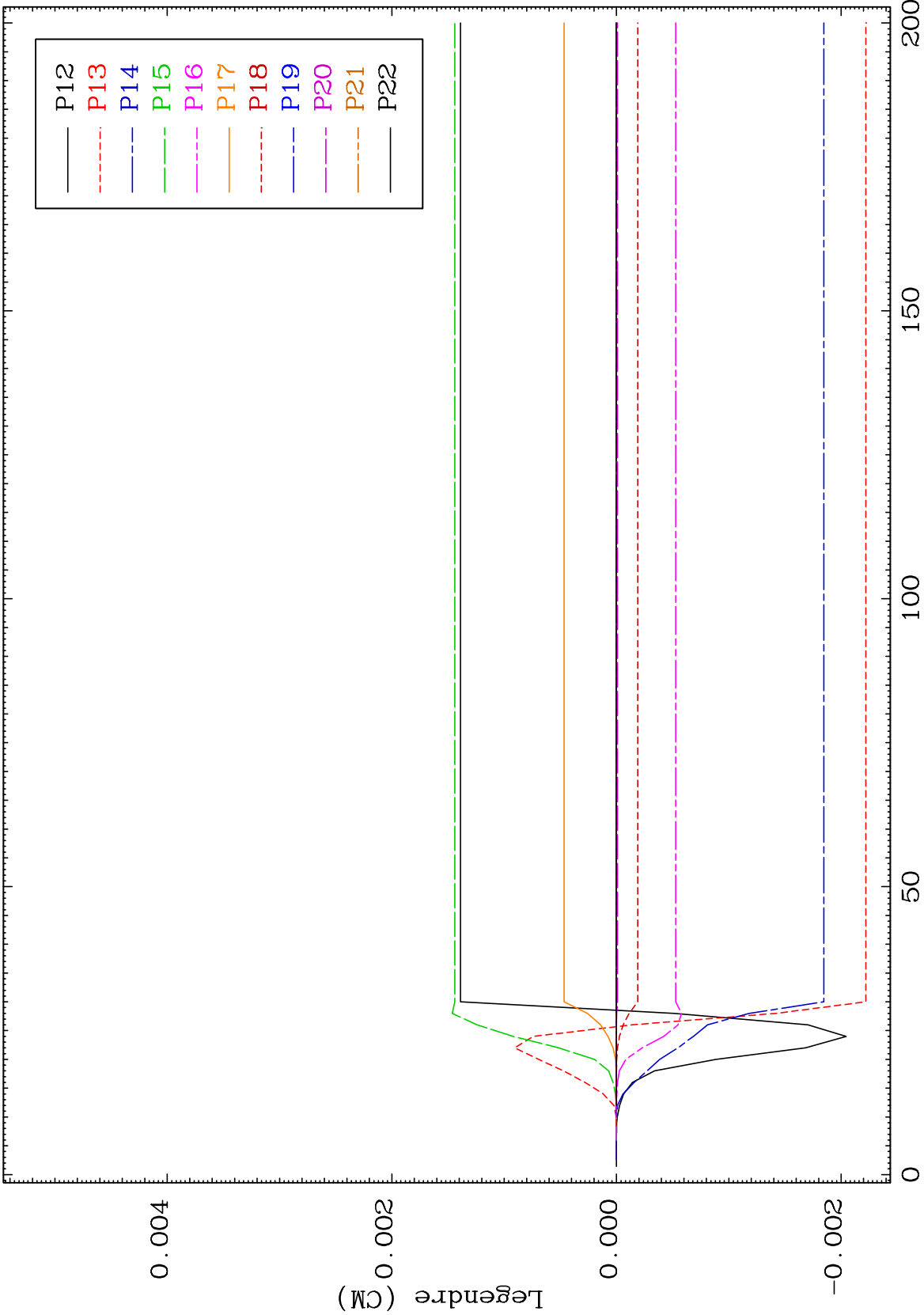
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



73

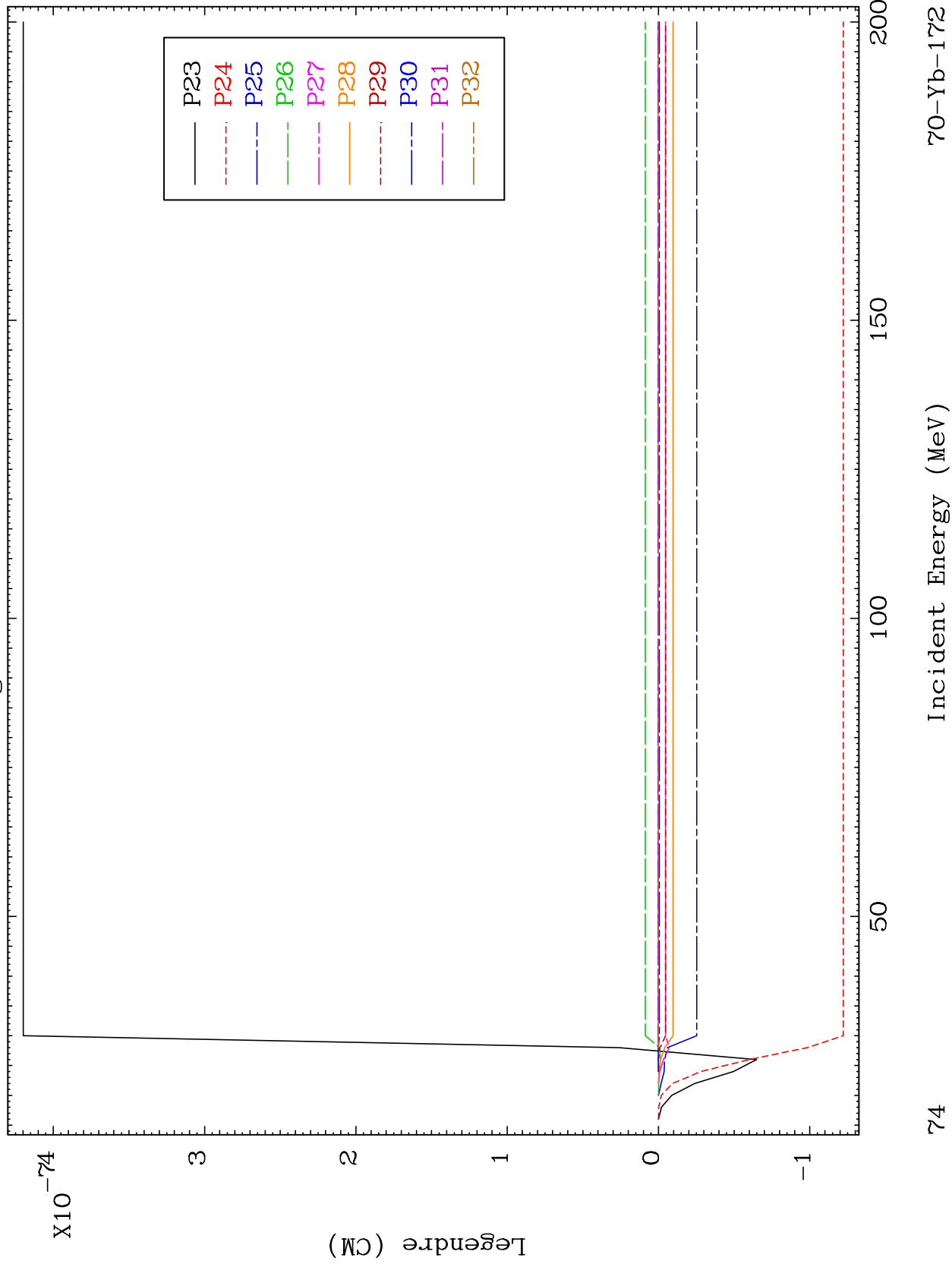
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

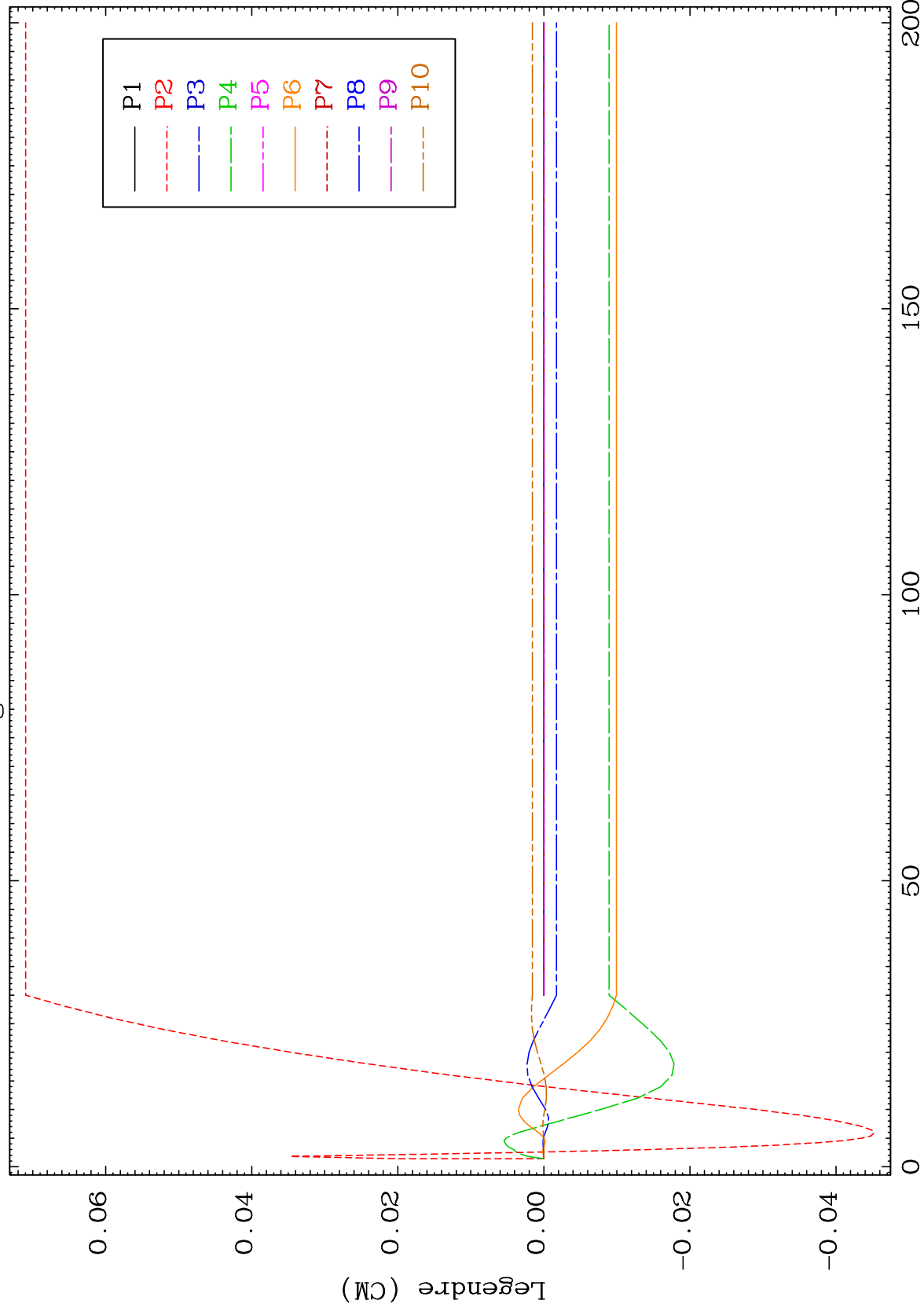
70-Yb-172



MAT 7037

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

70-Yb-172



75

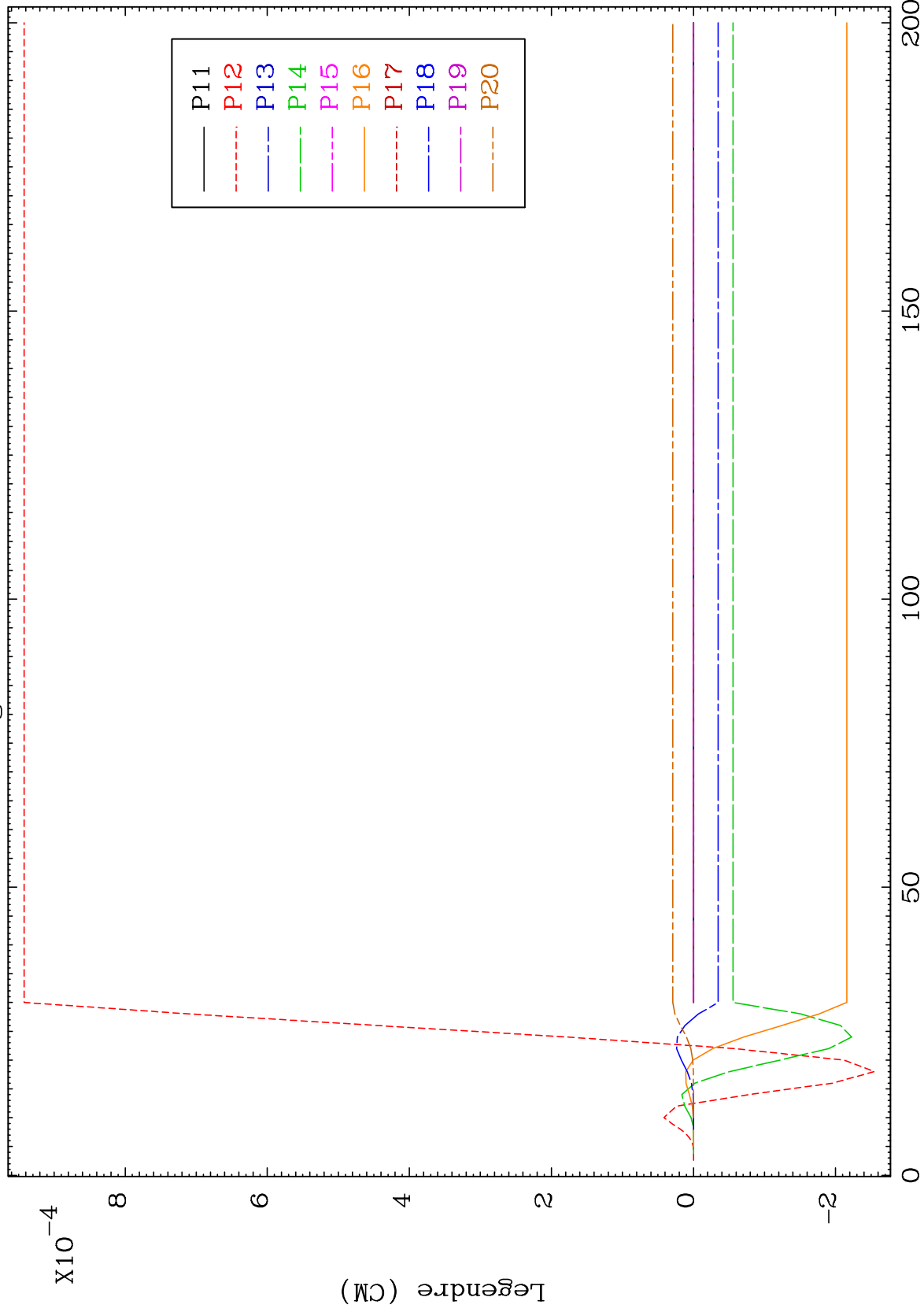
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

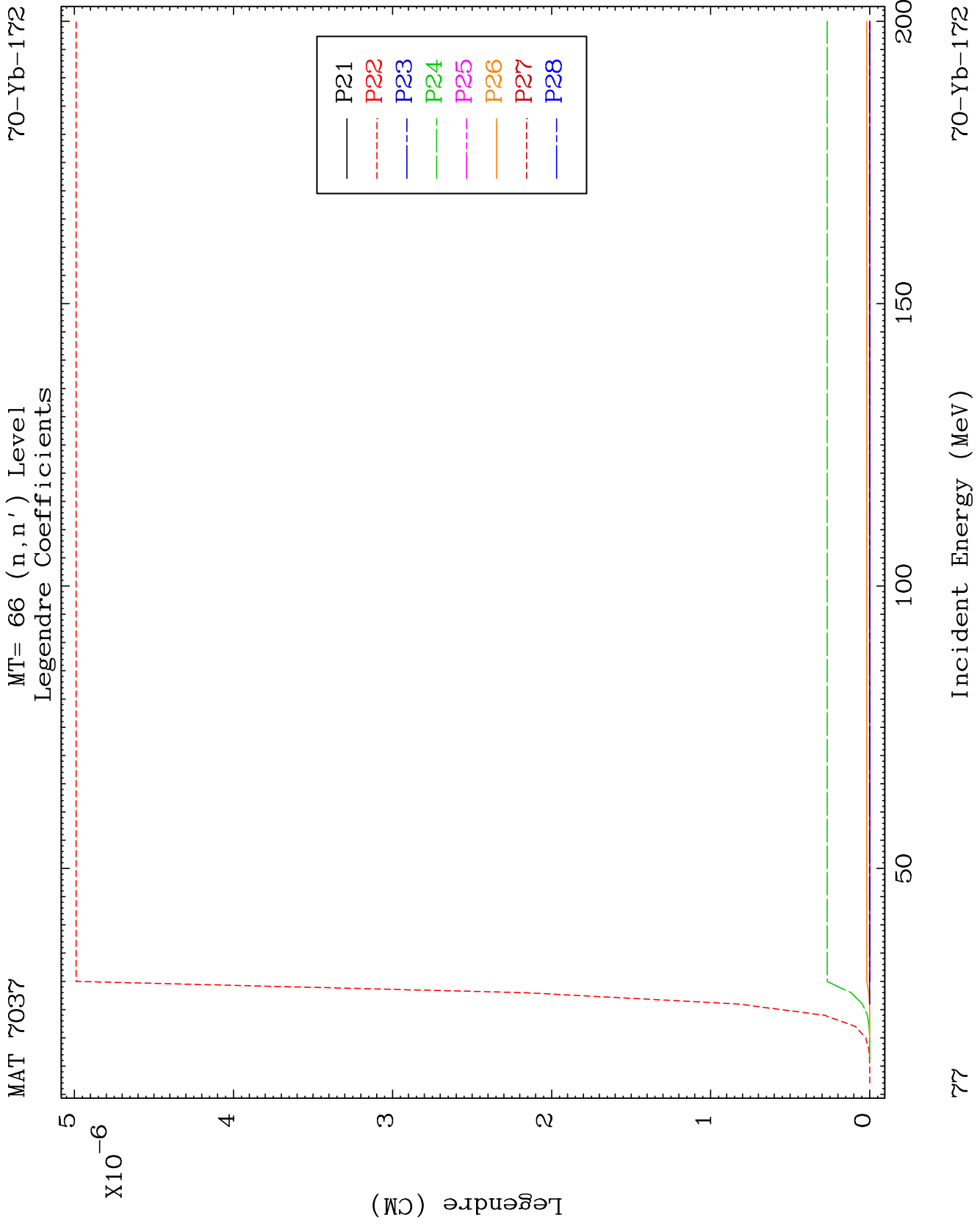
70-Yb-172

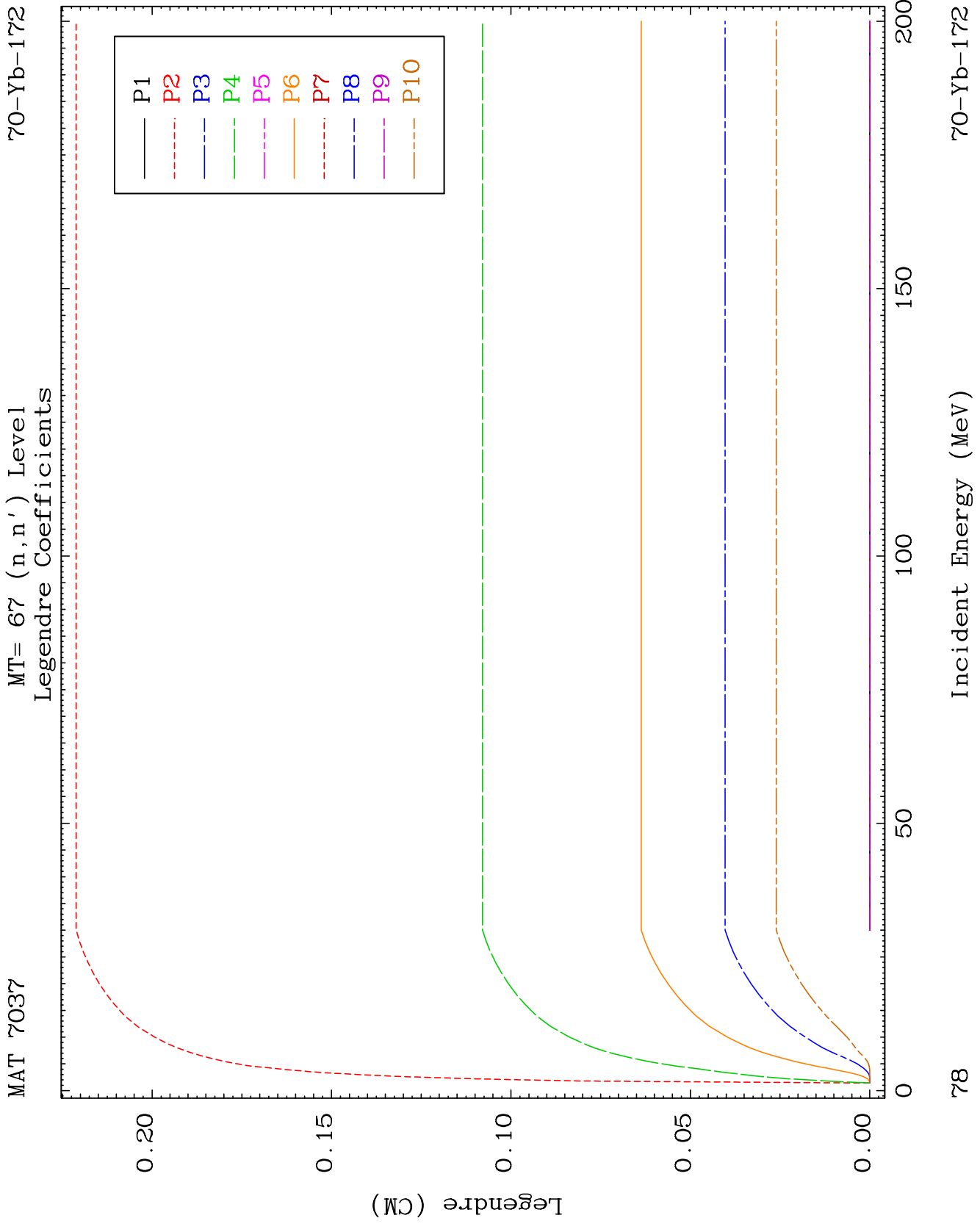


76

Incident Energy (MeV)

70-Yb-172

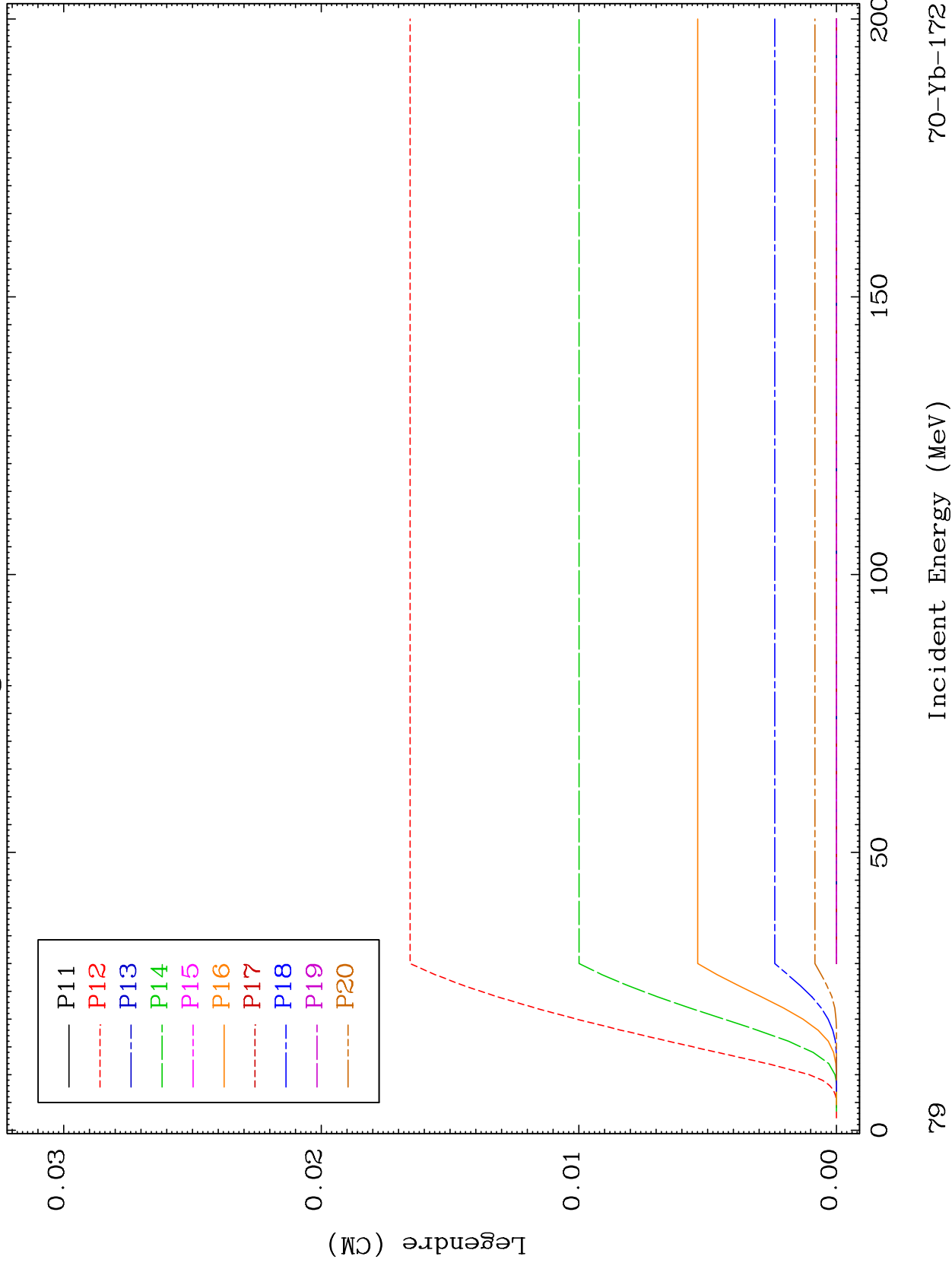




MAT 7037

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

70-Yb-172

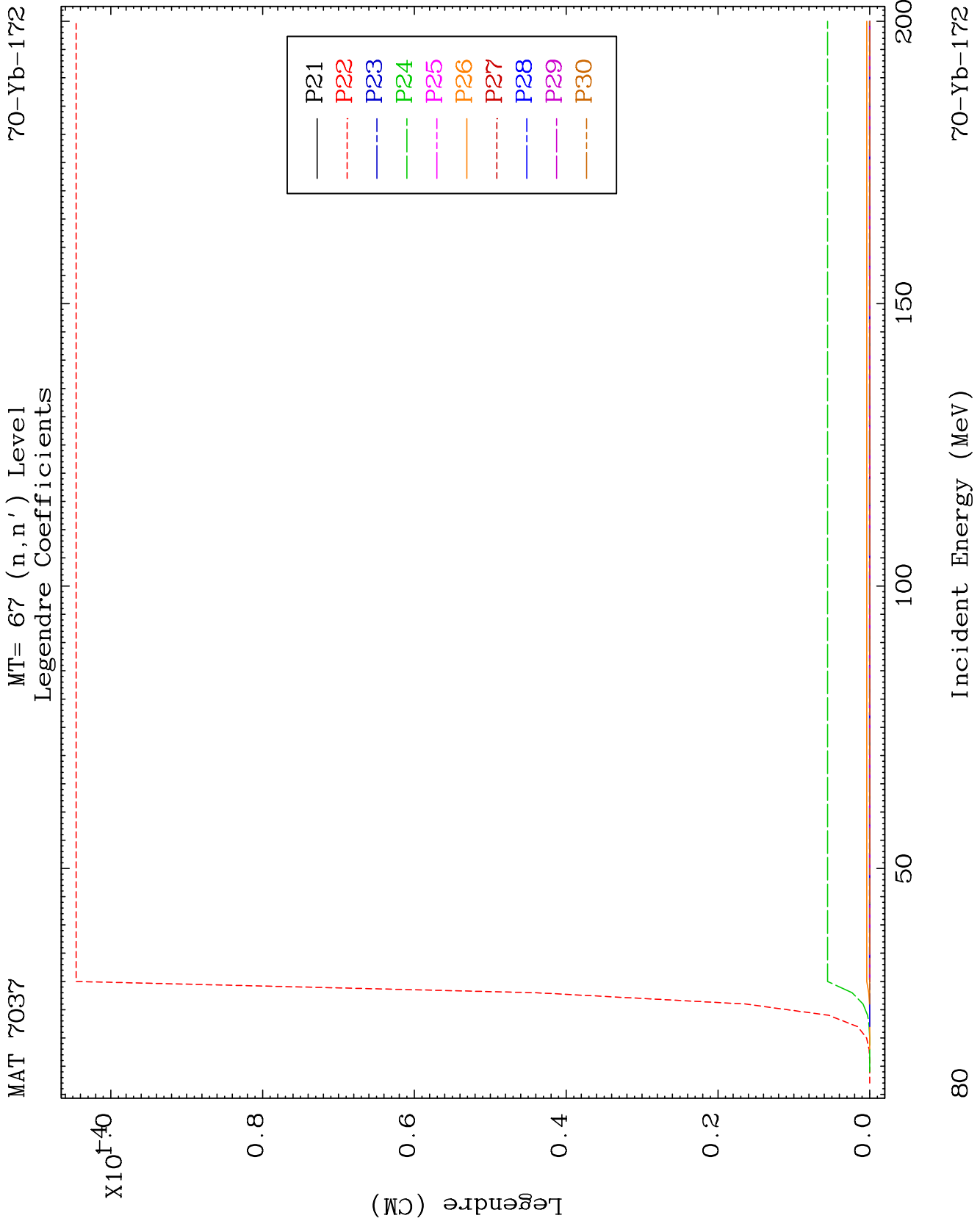


79

Incident Energy (MeV)

70-Yb-172

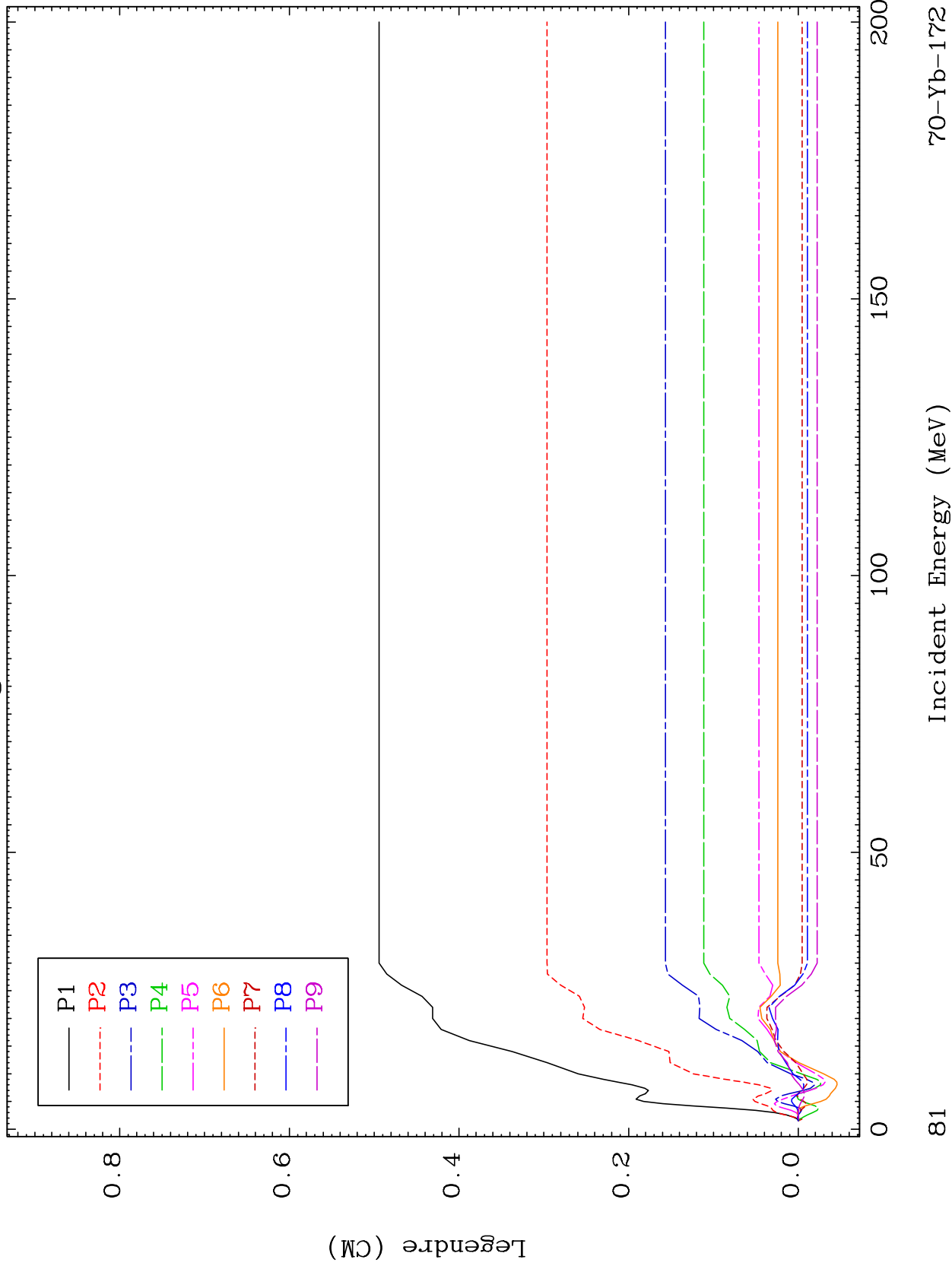




MAT 7037

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

70-Yb-172



81

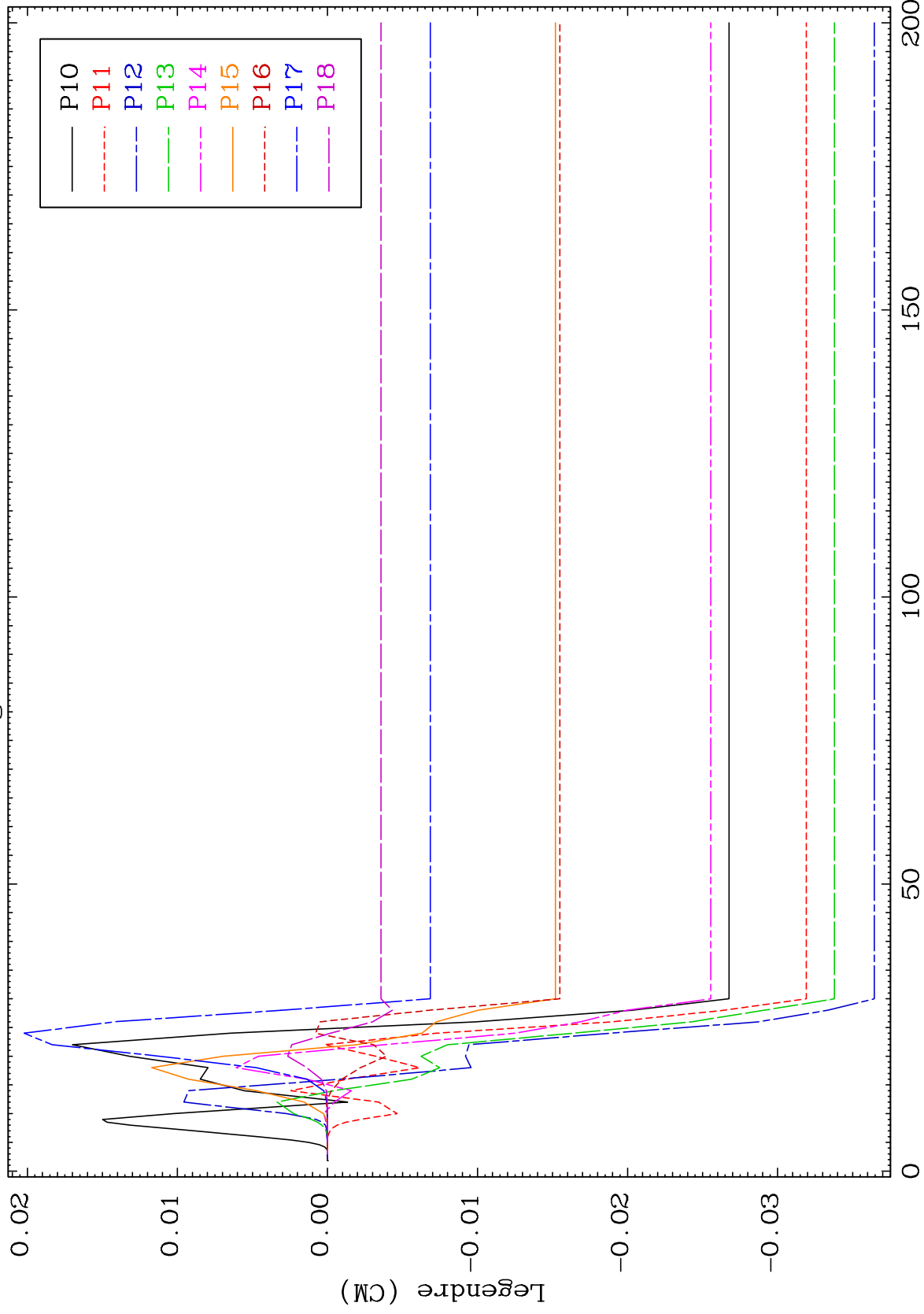
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



82

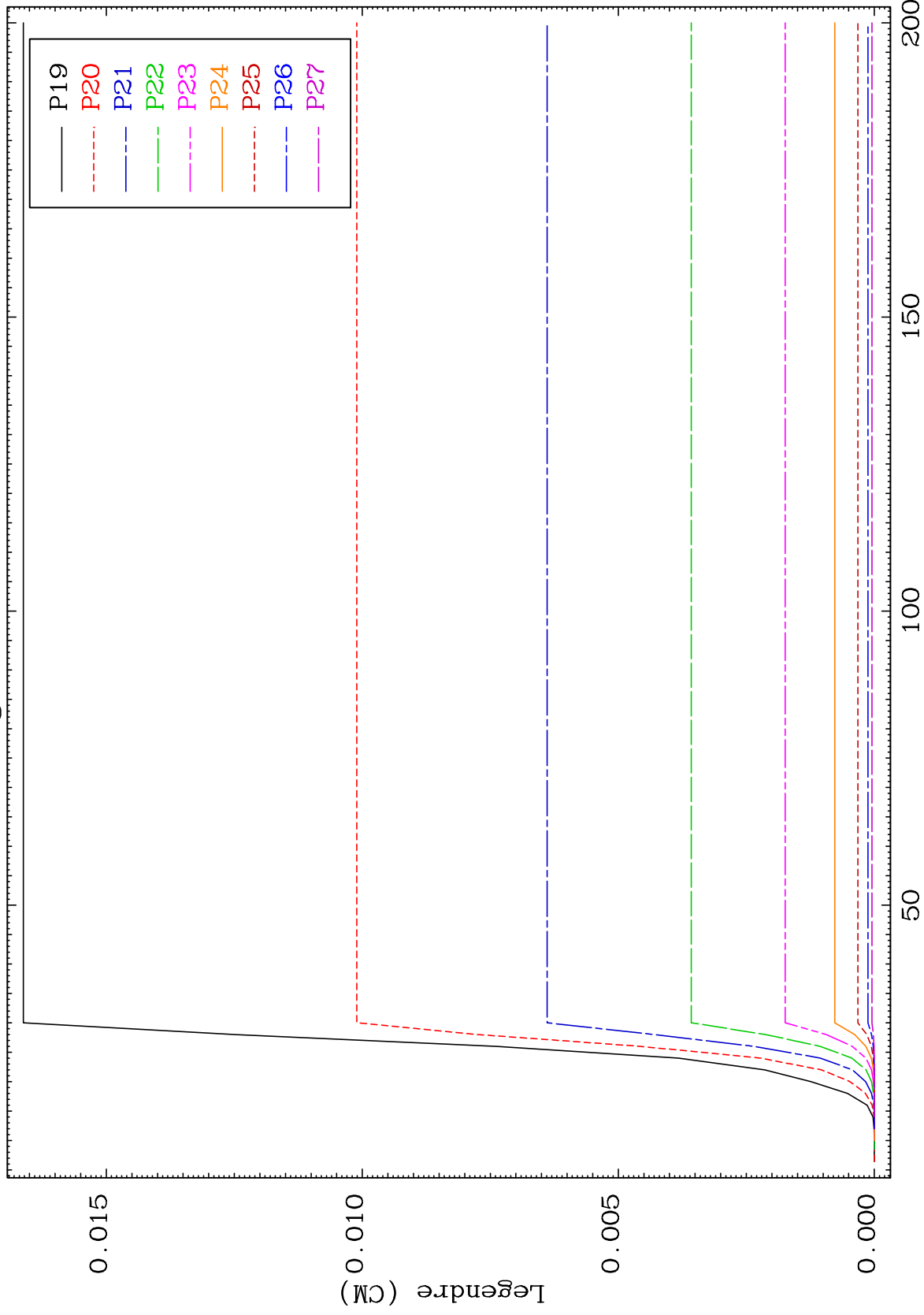
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



83

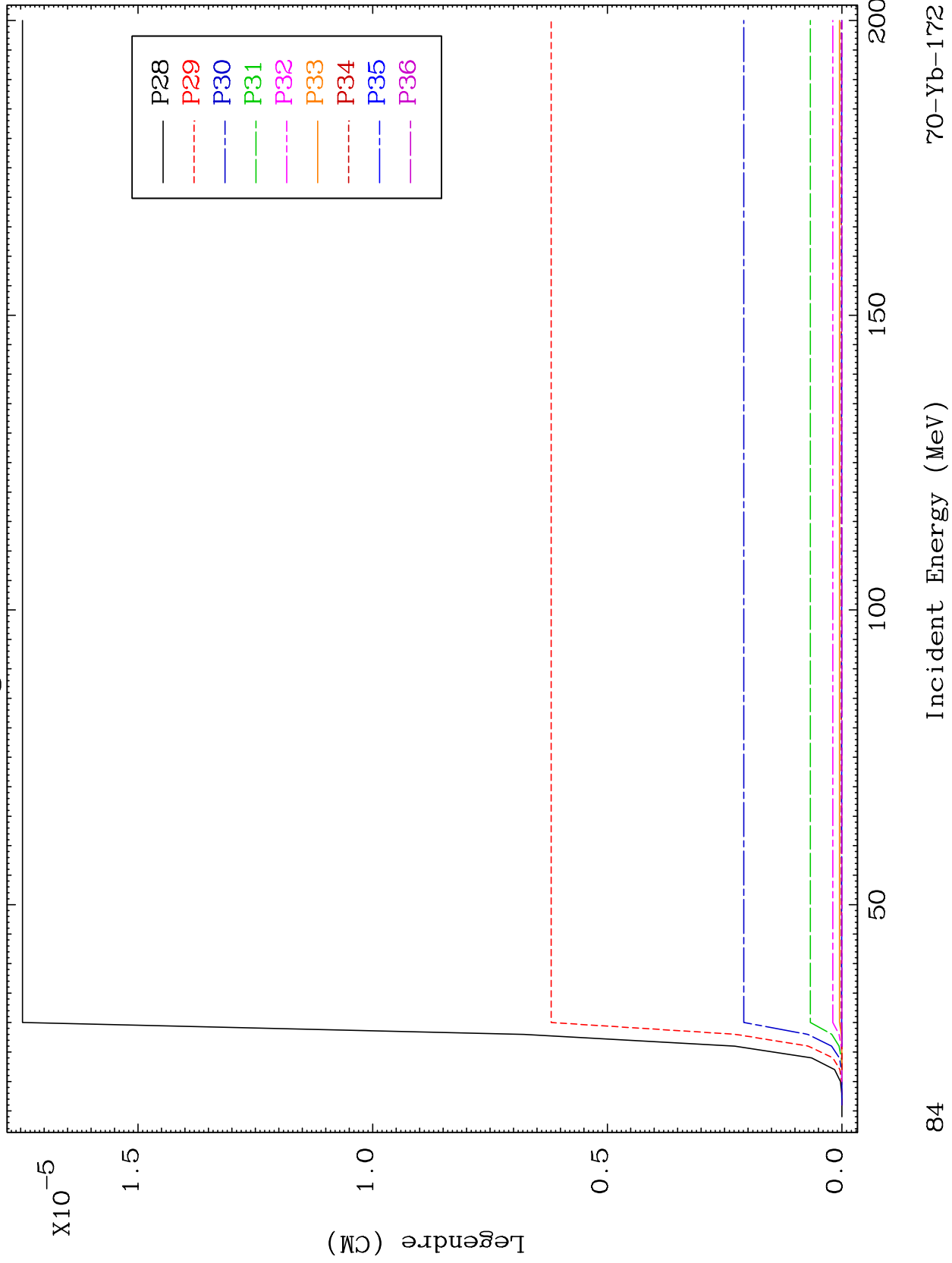
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



84

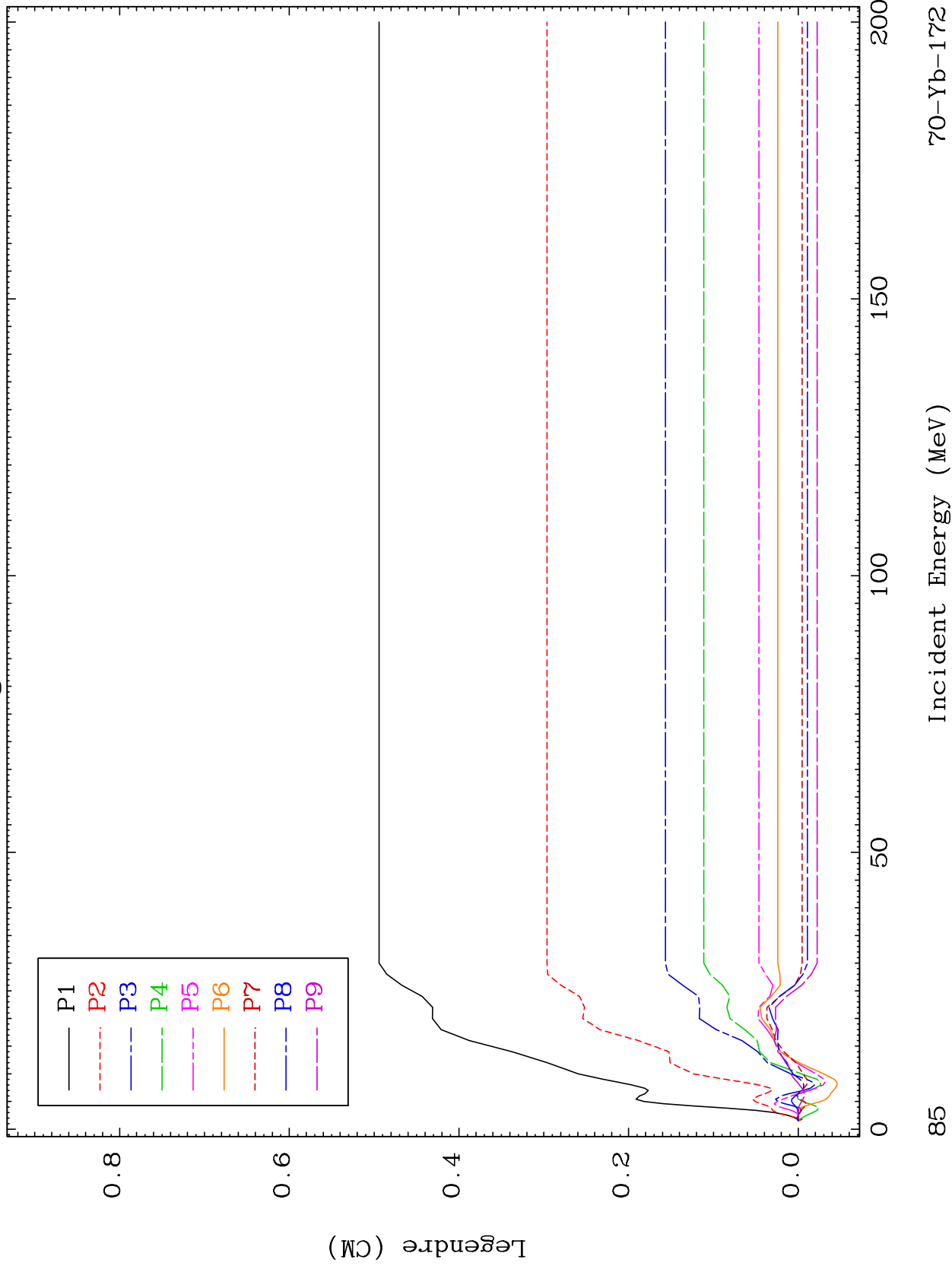
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

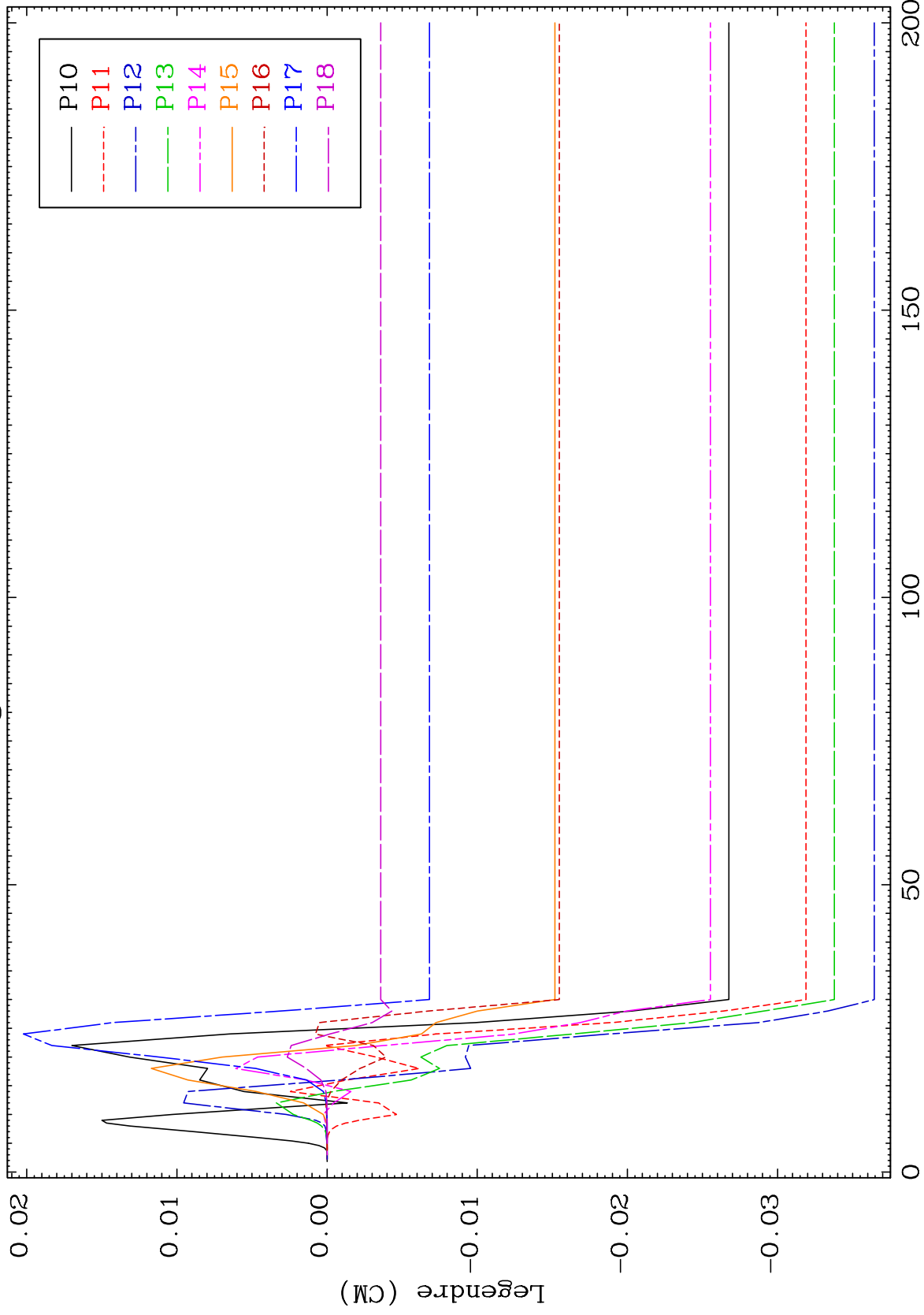
70-Yb-172



MAT 7037

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

70-Yb-172



86

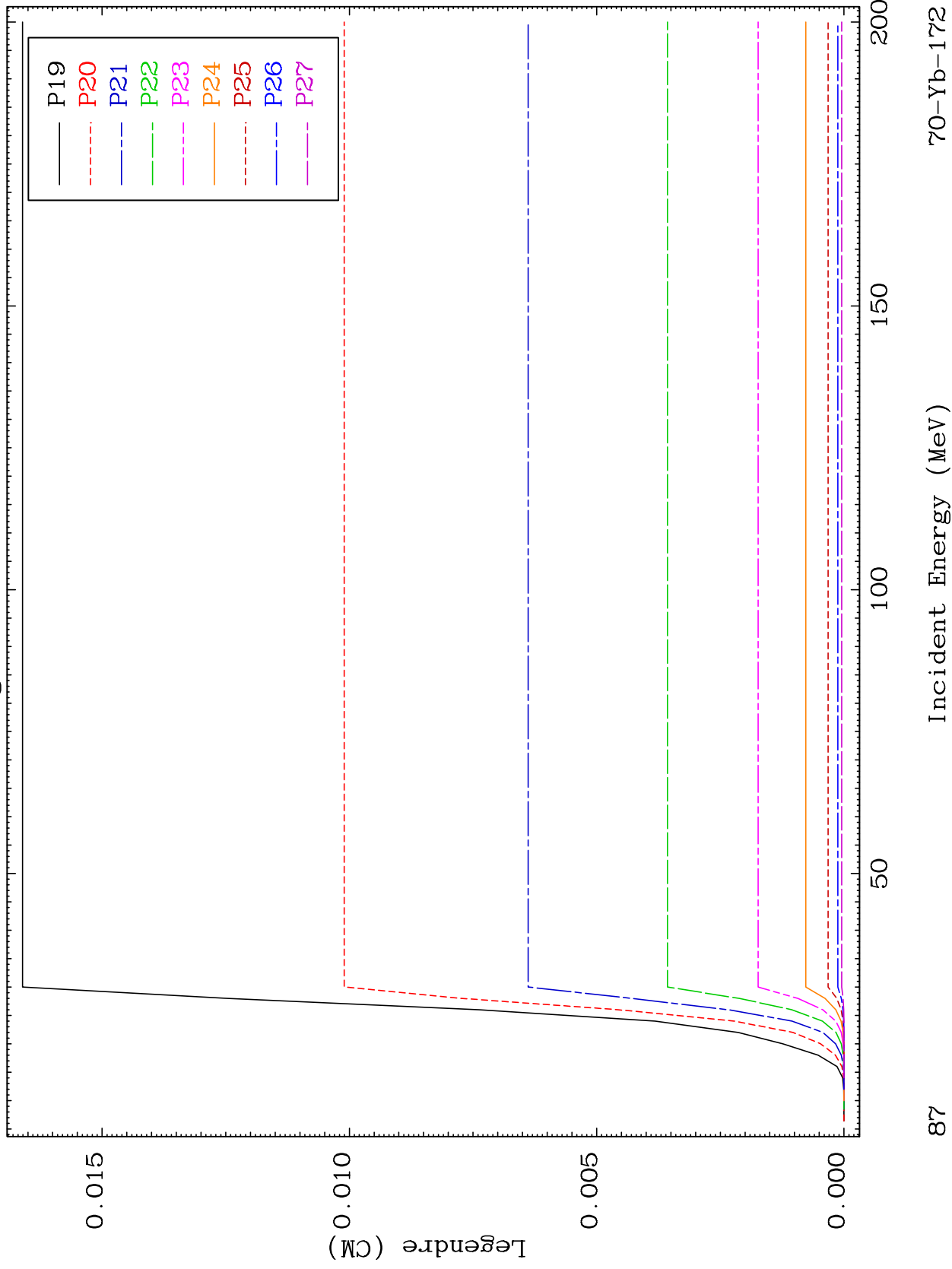
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



87

Incident Energy (MeV)

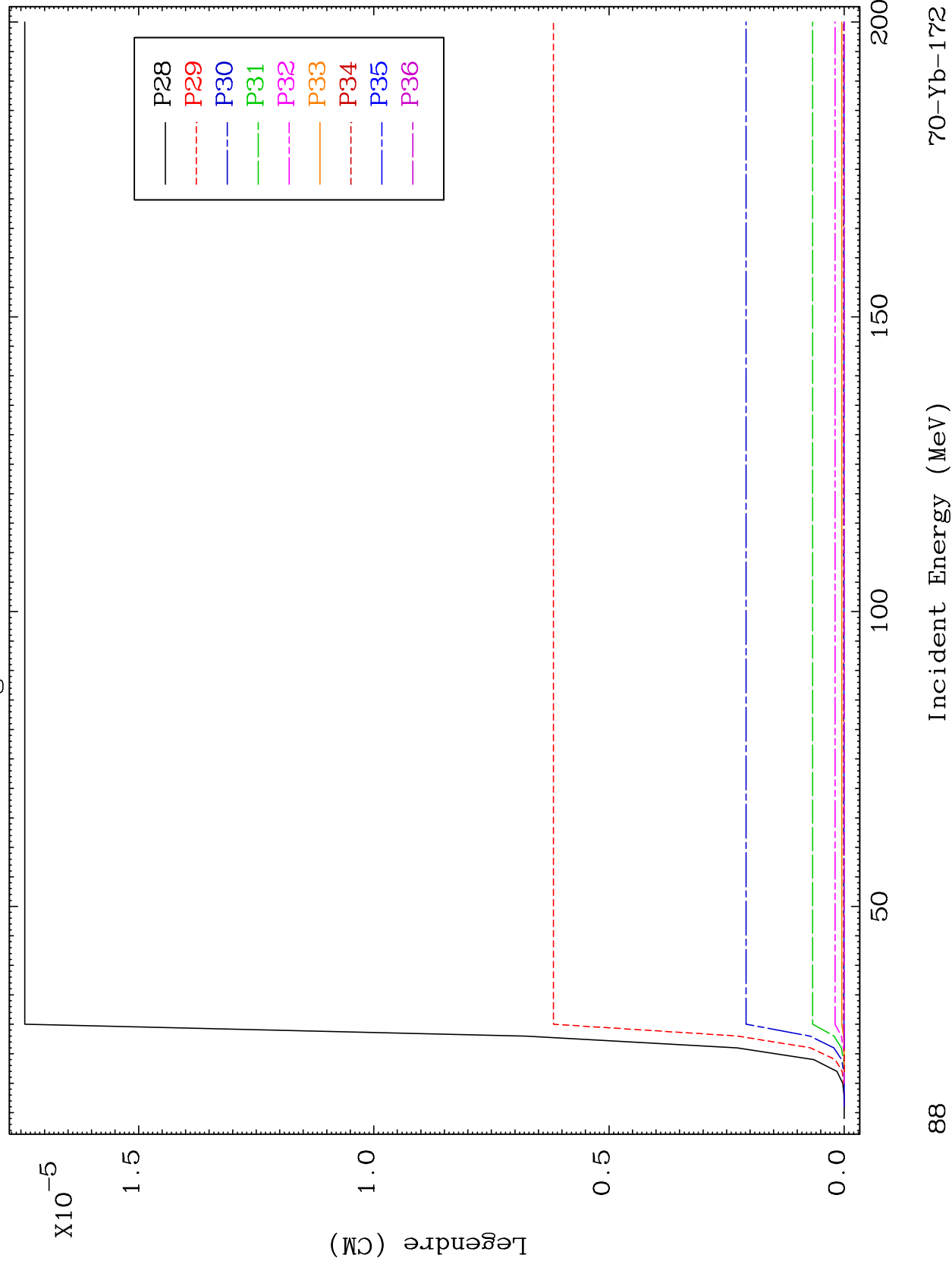
70-Yb-172



MAT 7037

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

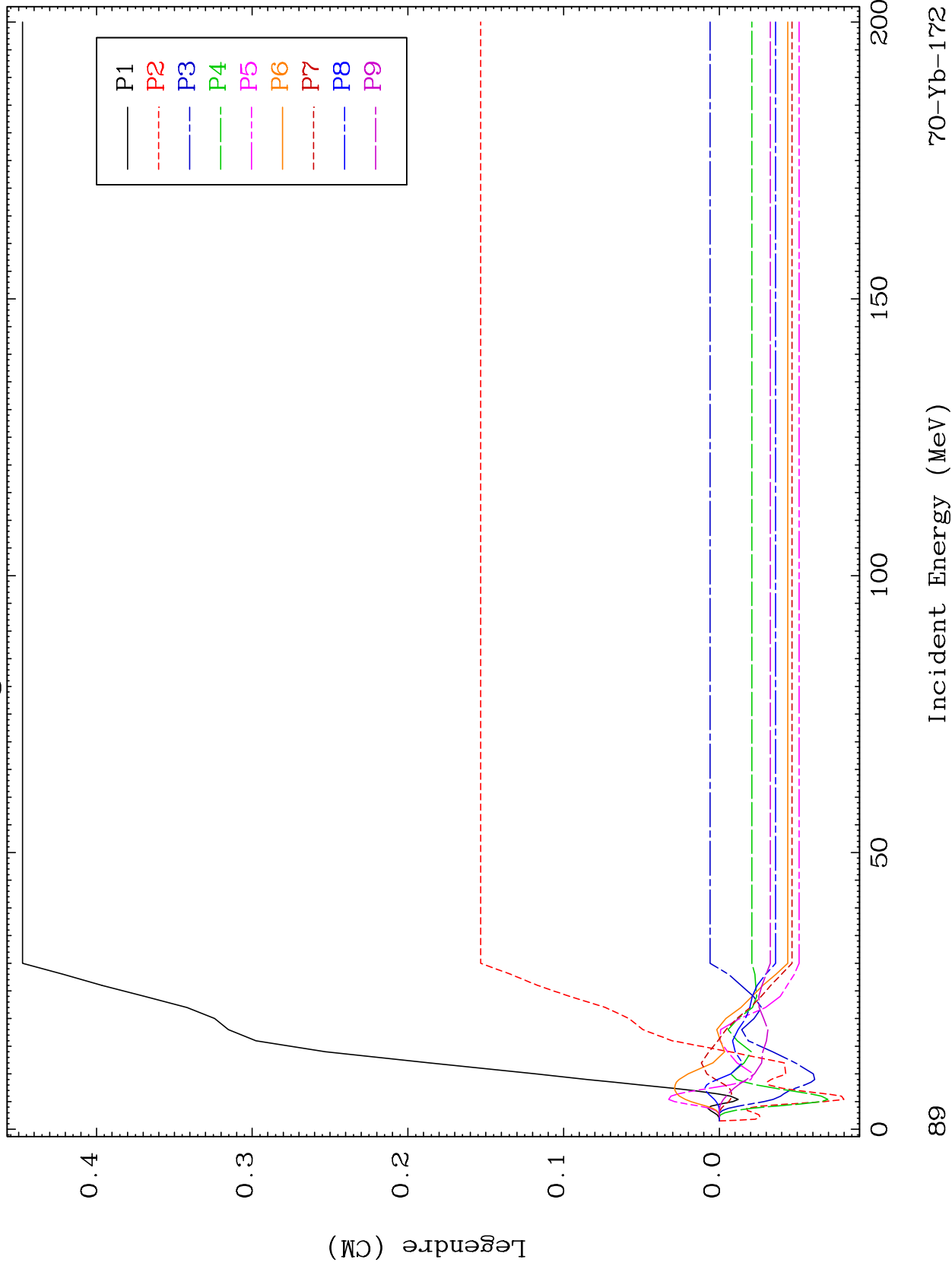
70-Yb-172



MAT 7037

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

70-Yb-172



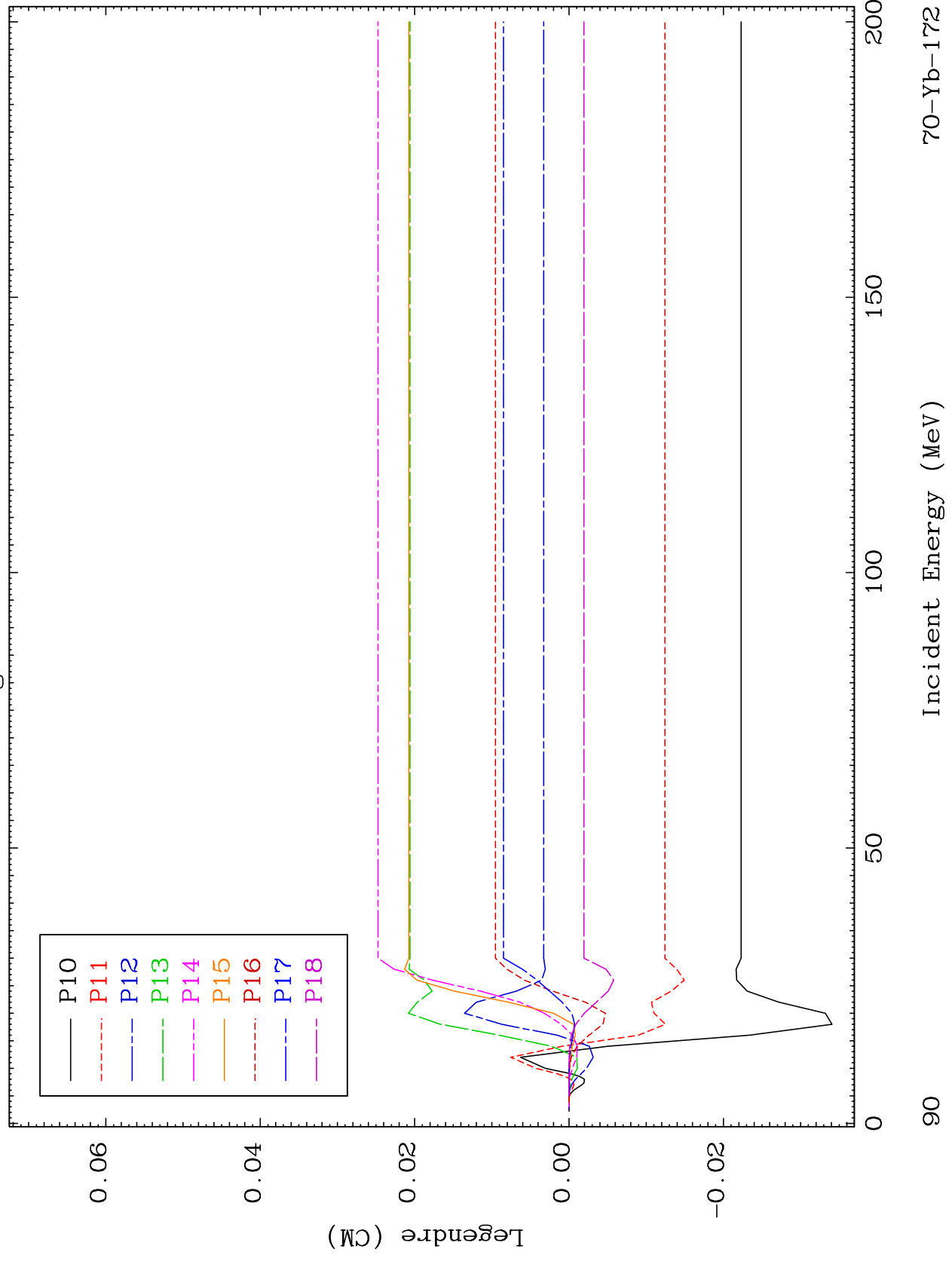
89

70-Yb-172

MAT 7037

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

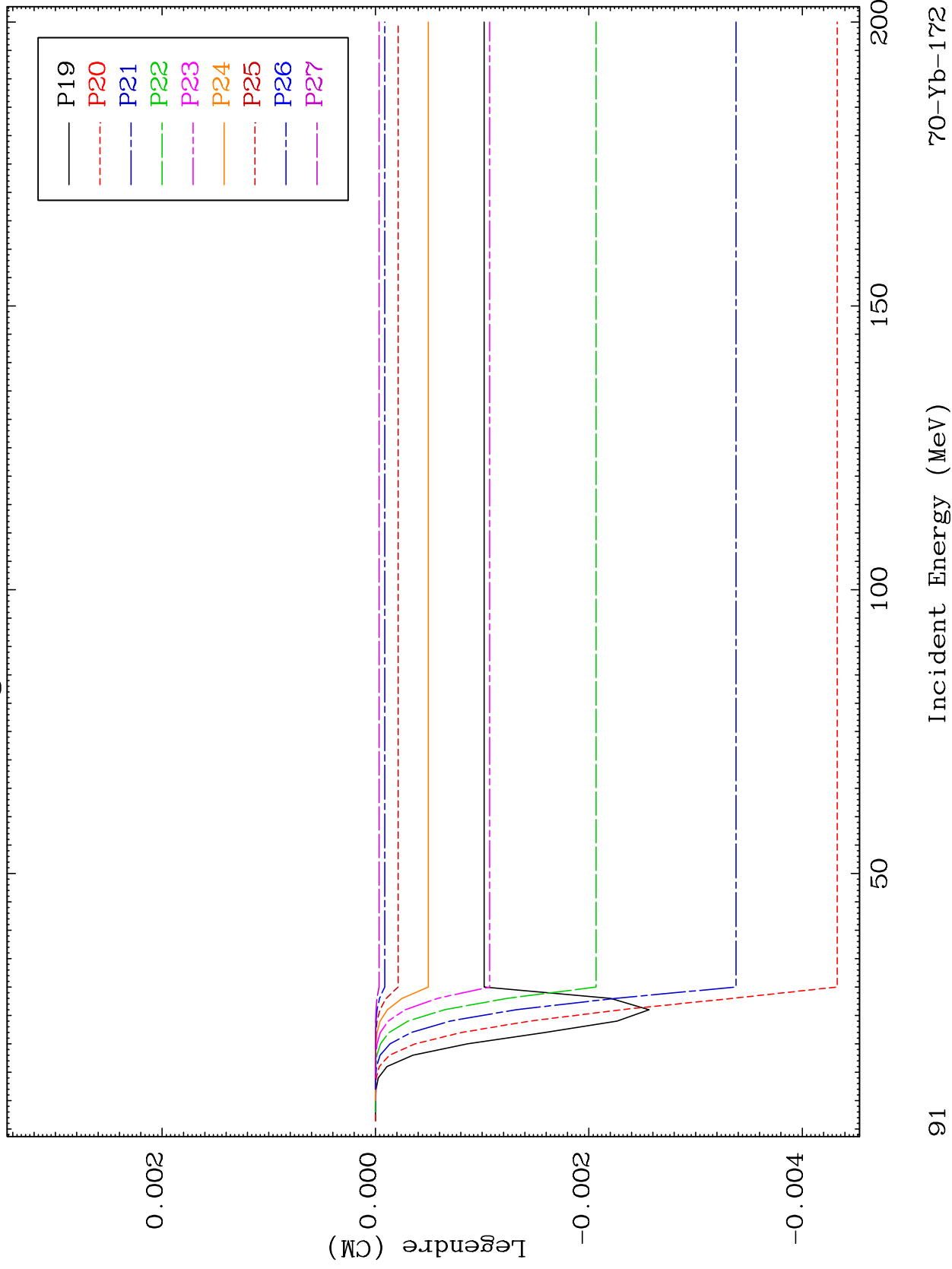
70-Yb-172



MAT 7037

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

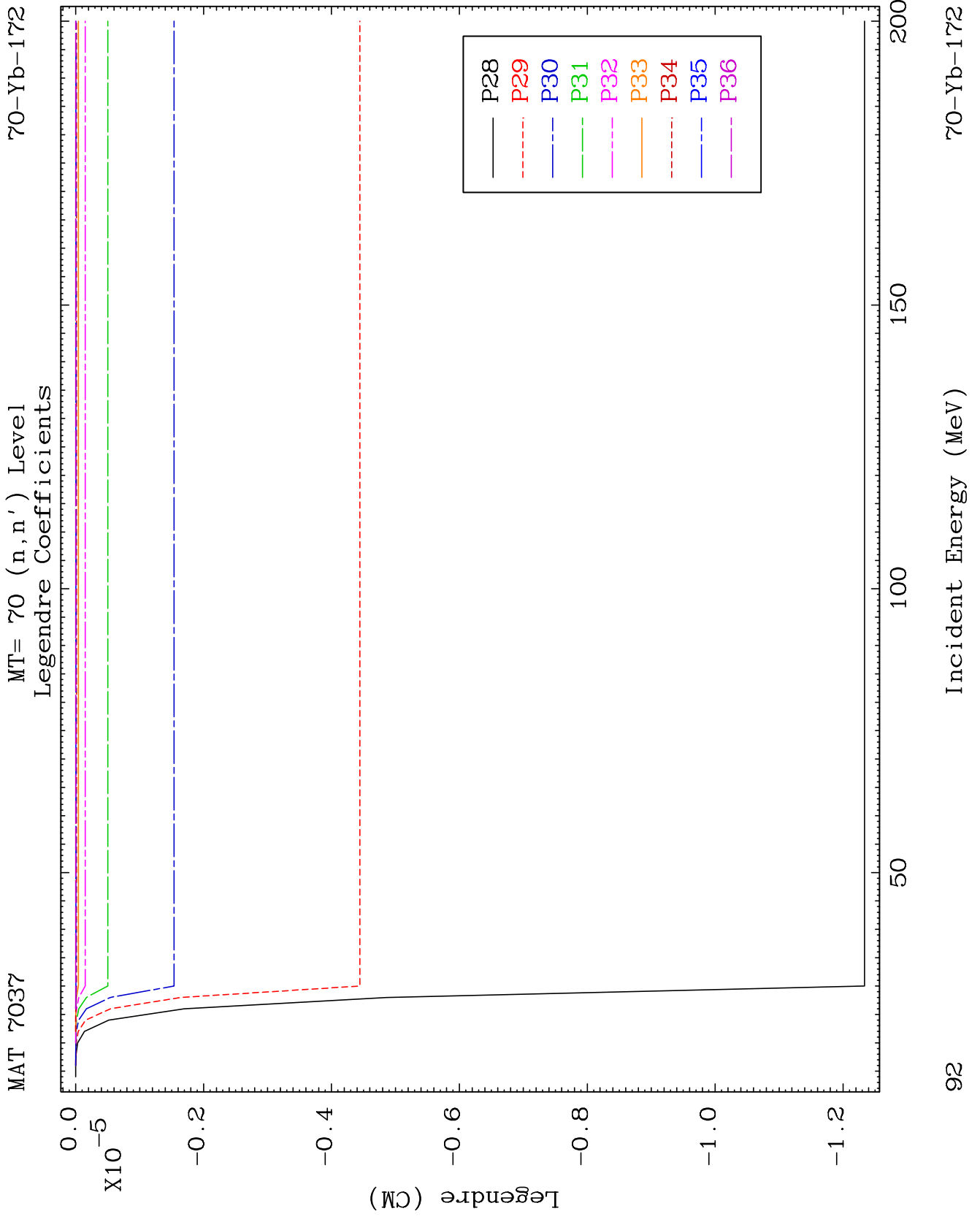
70-Yb-172



91

Incident Energy (MeV)

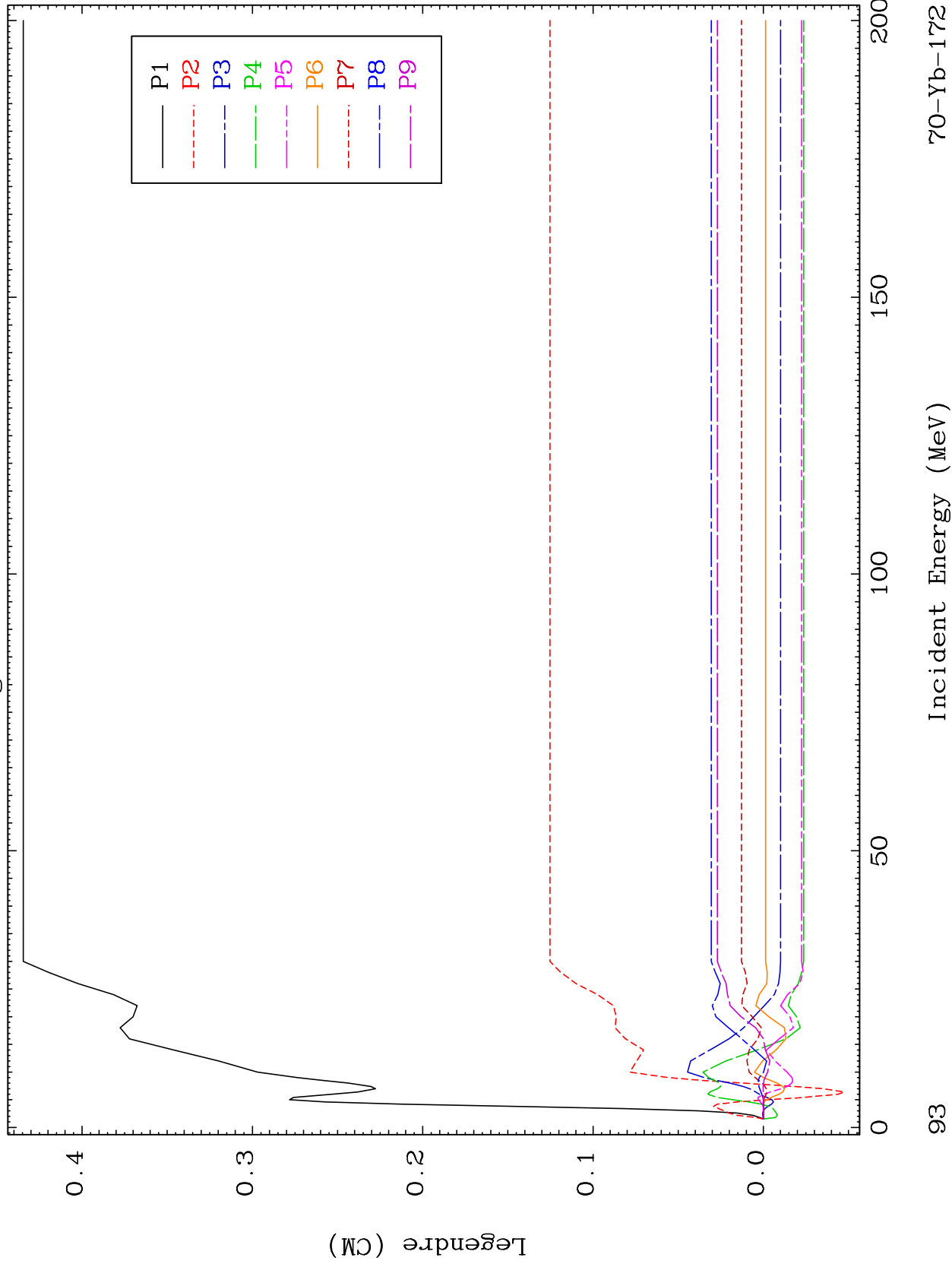
70-Yb-172



MAT 7037

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

70-Yb-172





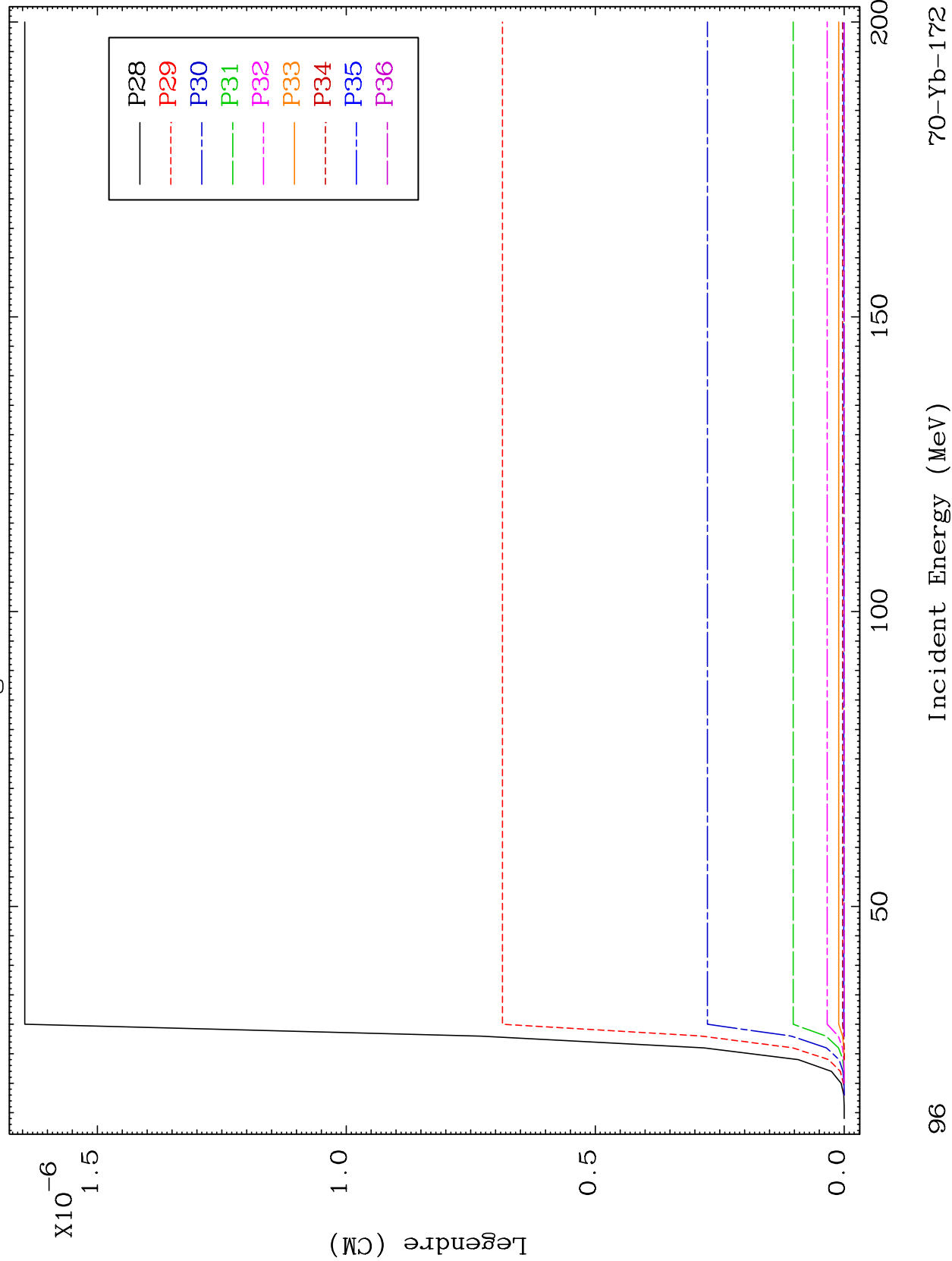




MAT 7037

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

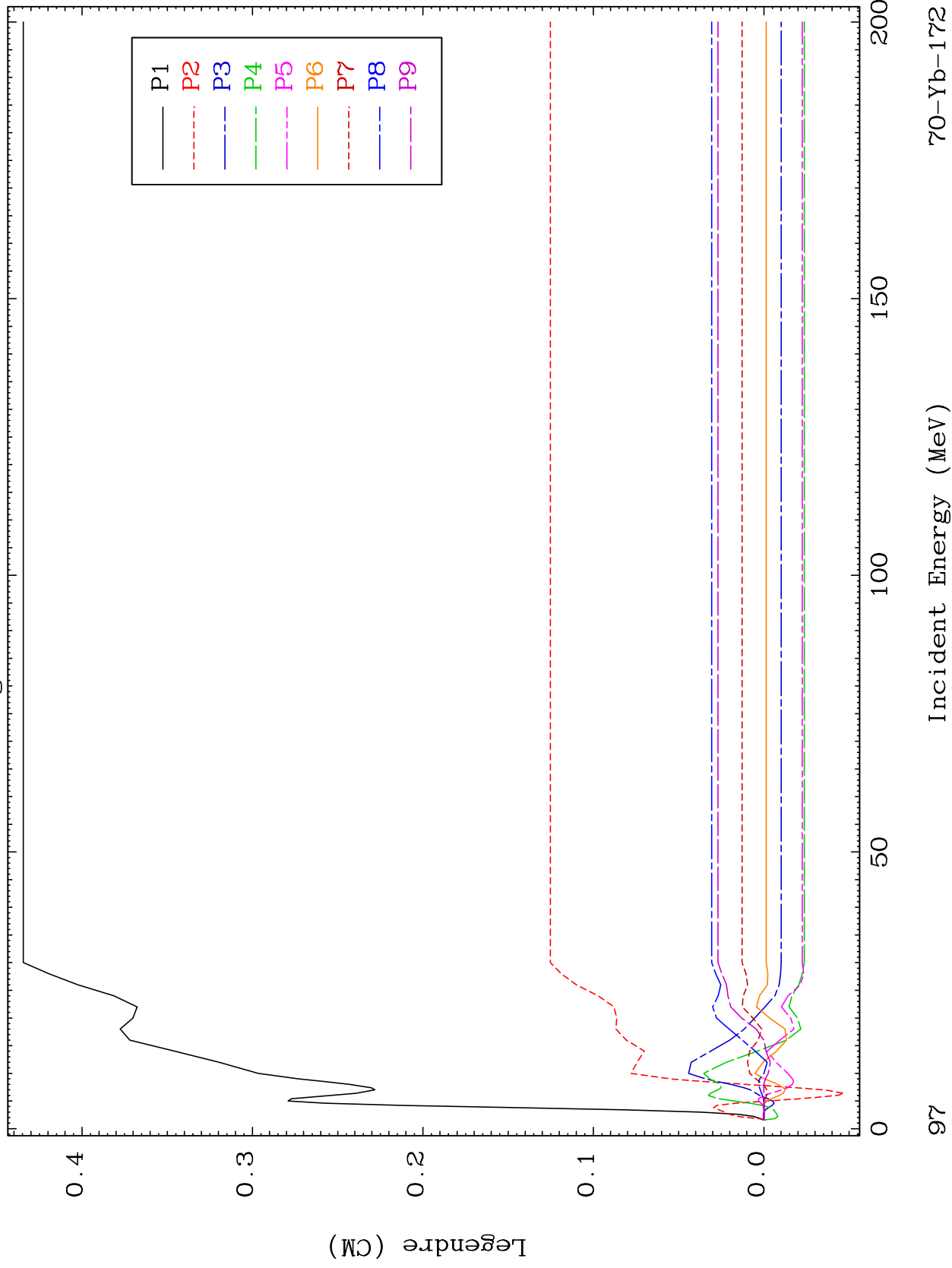
70-Yb-172



MAT 7037

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

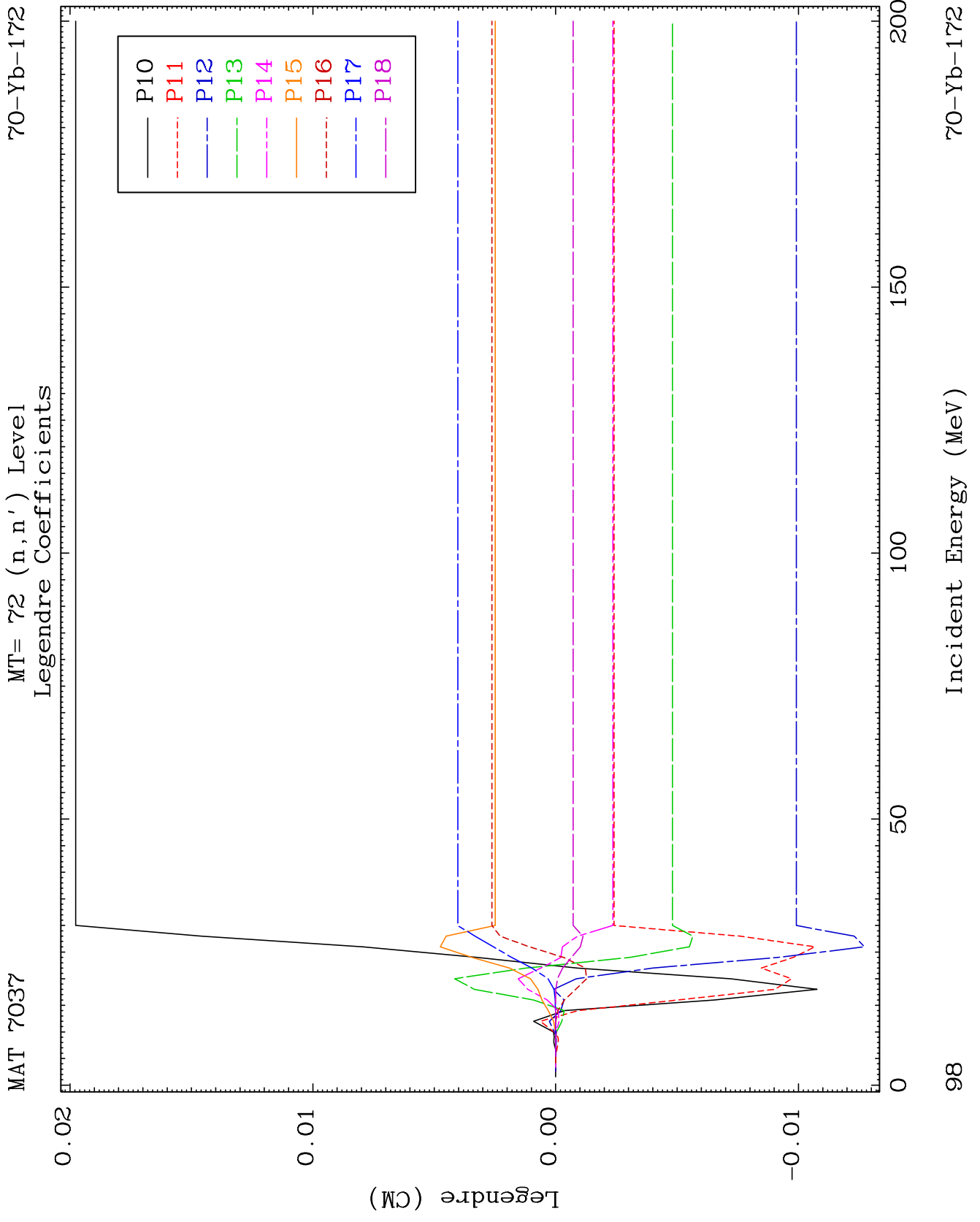
70-Yb-172



97

Incident Energy (MeV)

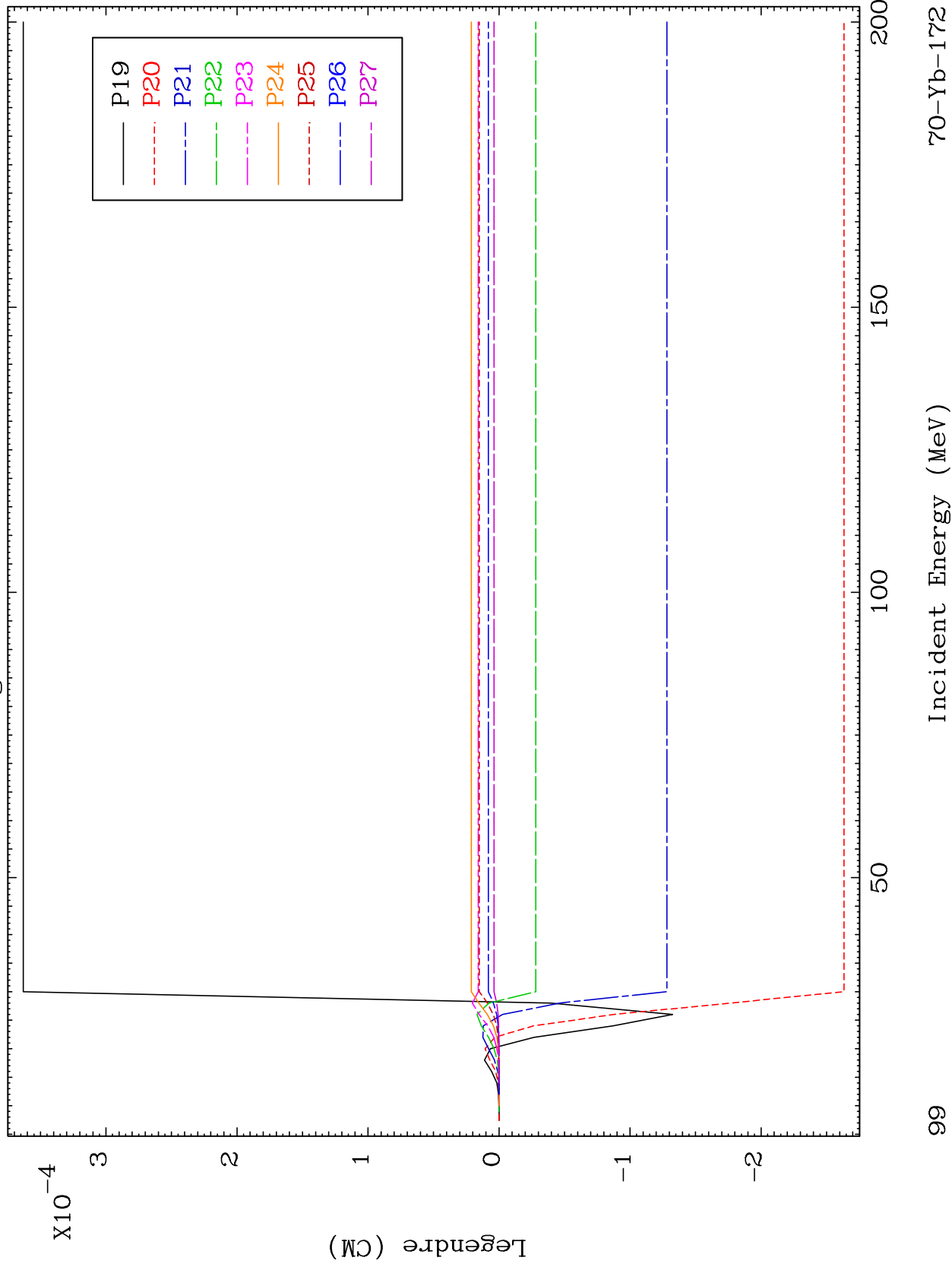
70-Yb-172



MAT 7037

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

70-Yb-172



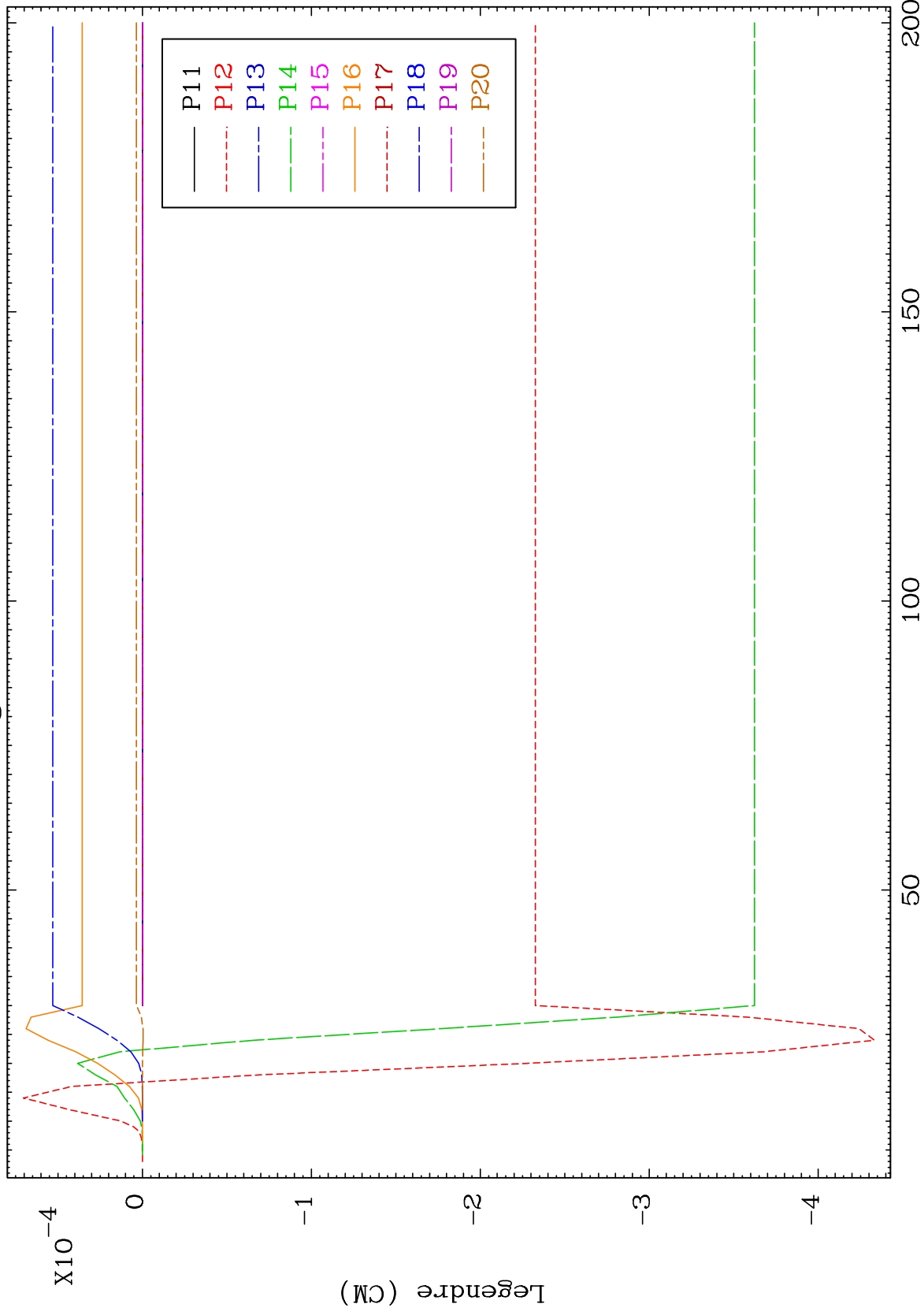




MAT 7037

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

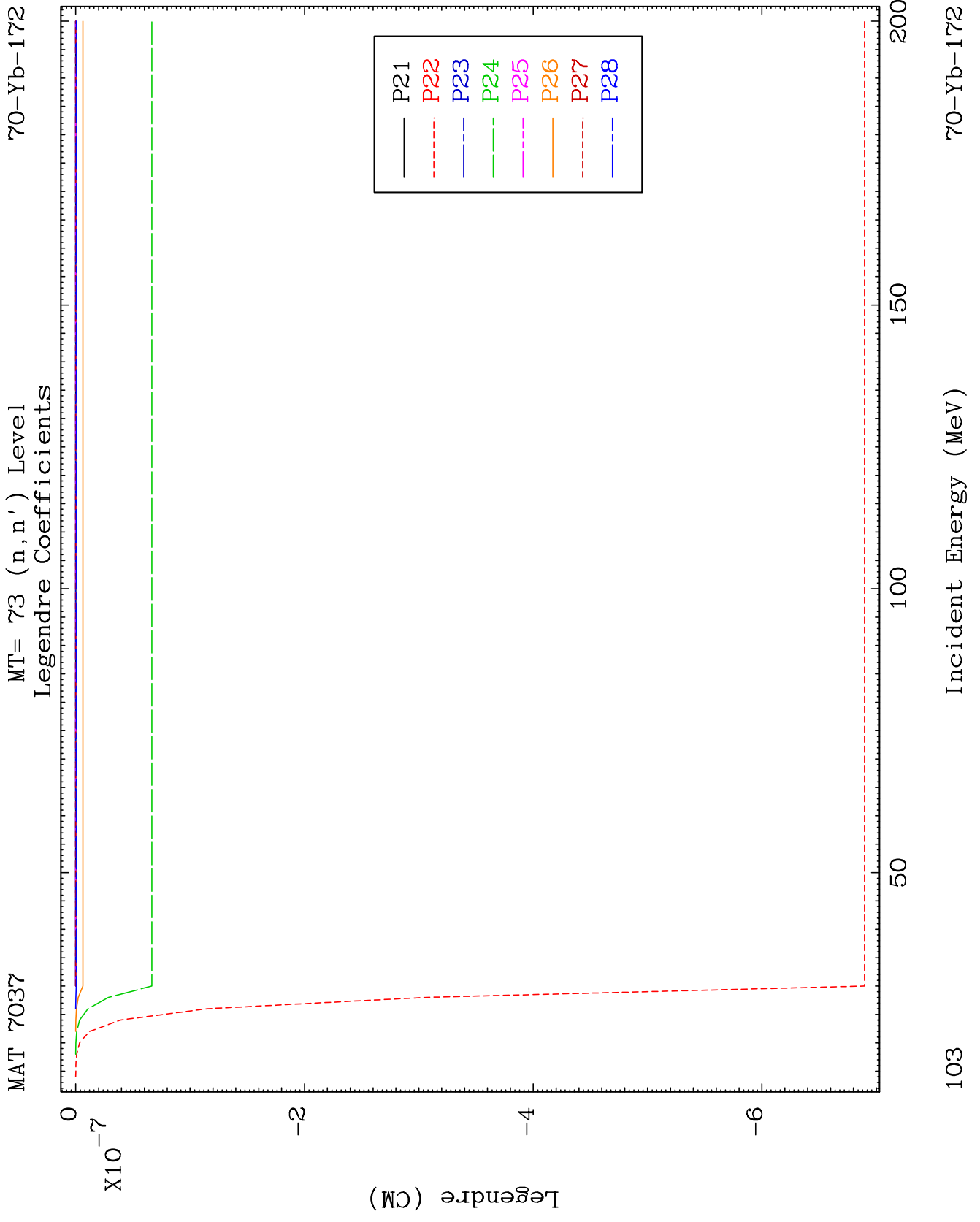
70-Yb-172



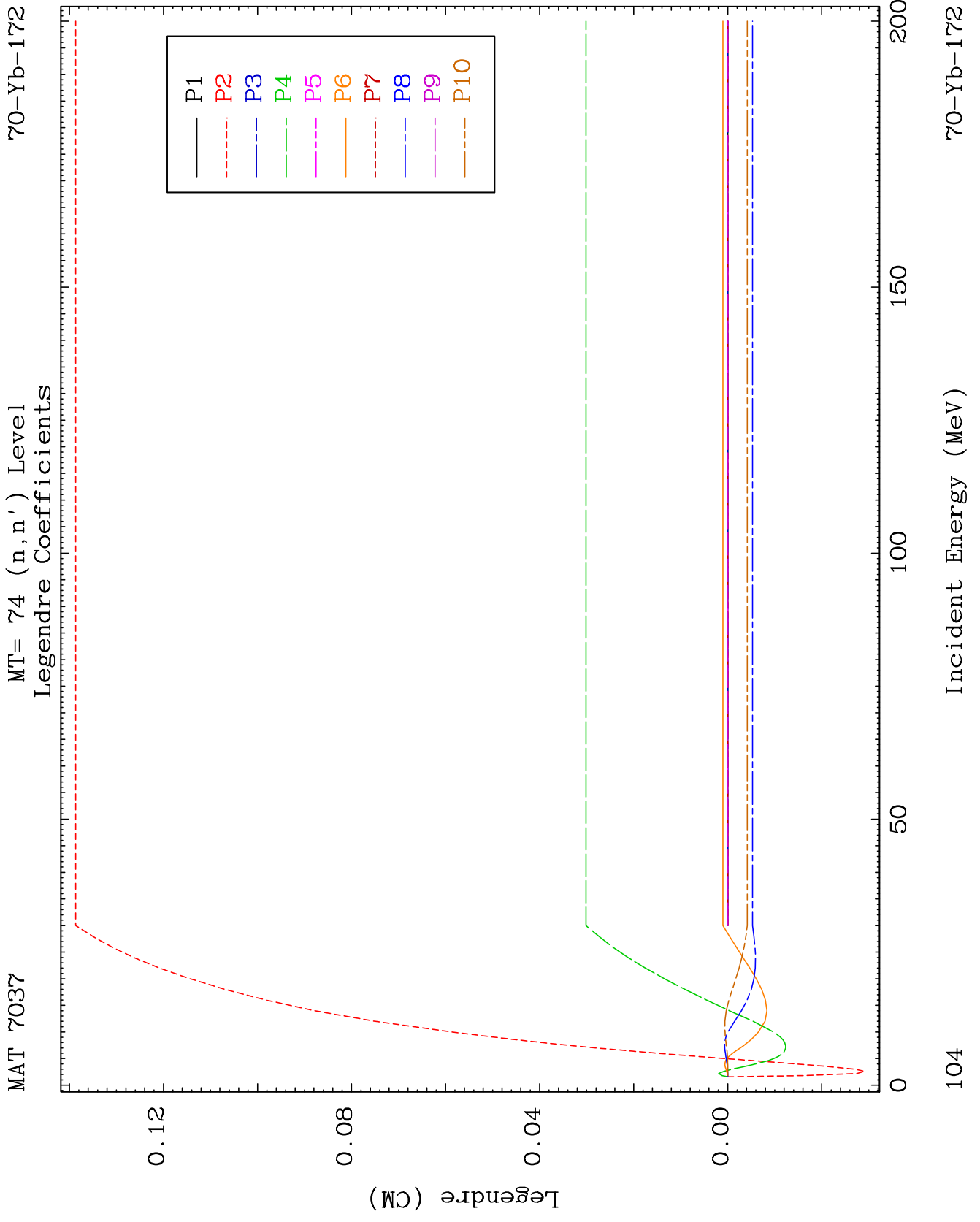
102

Incident Energy (MeV)

70-Yb-172



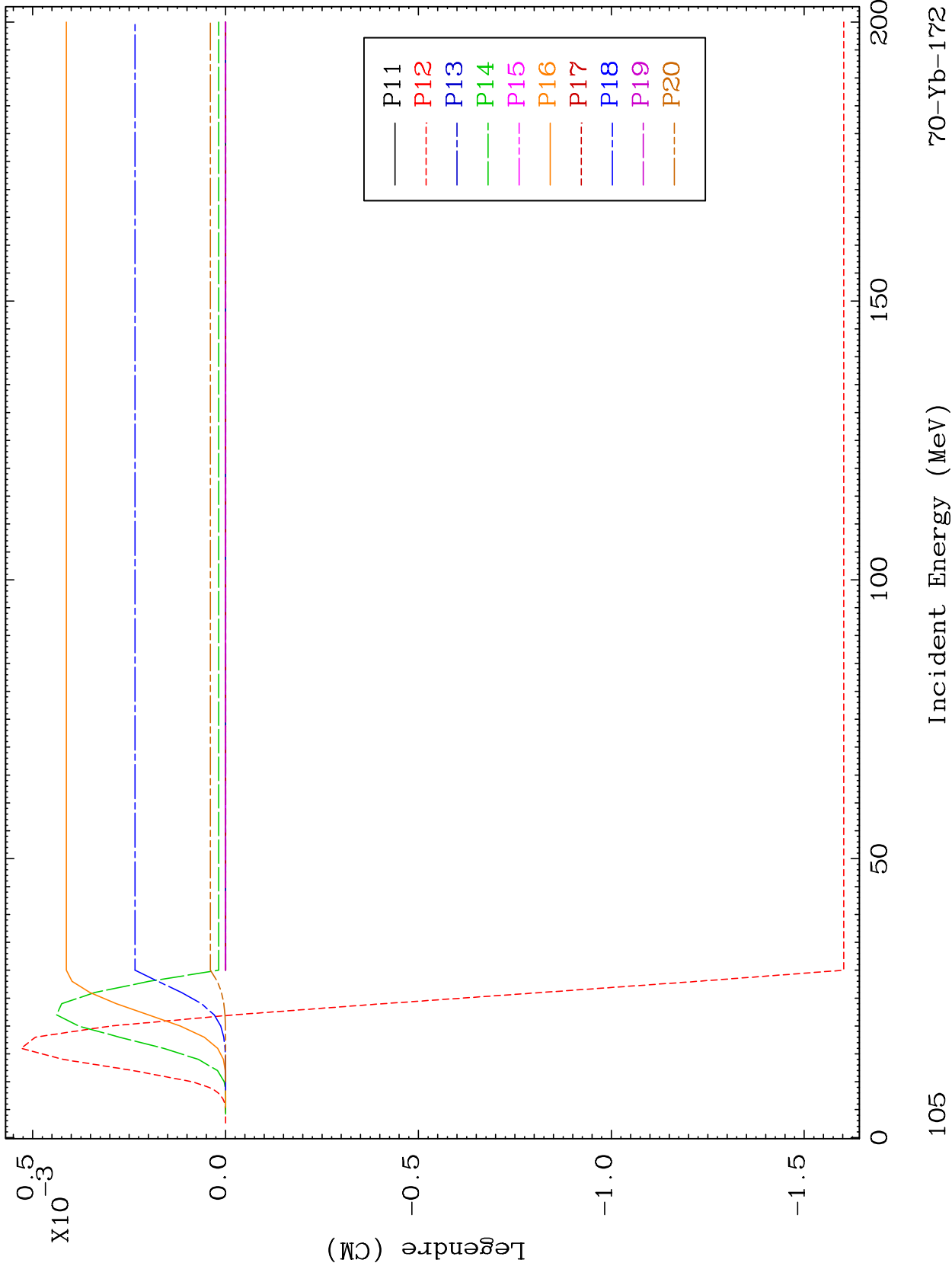


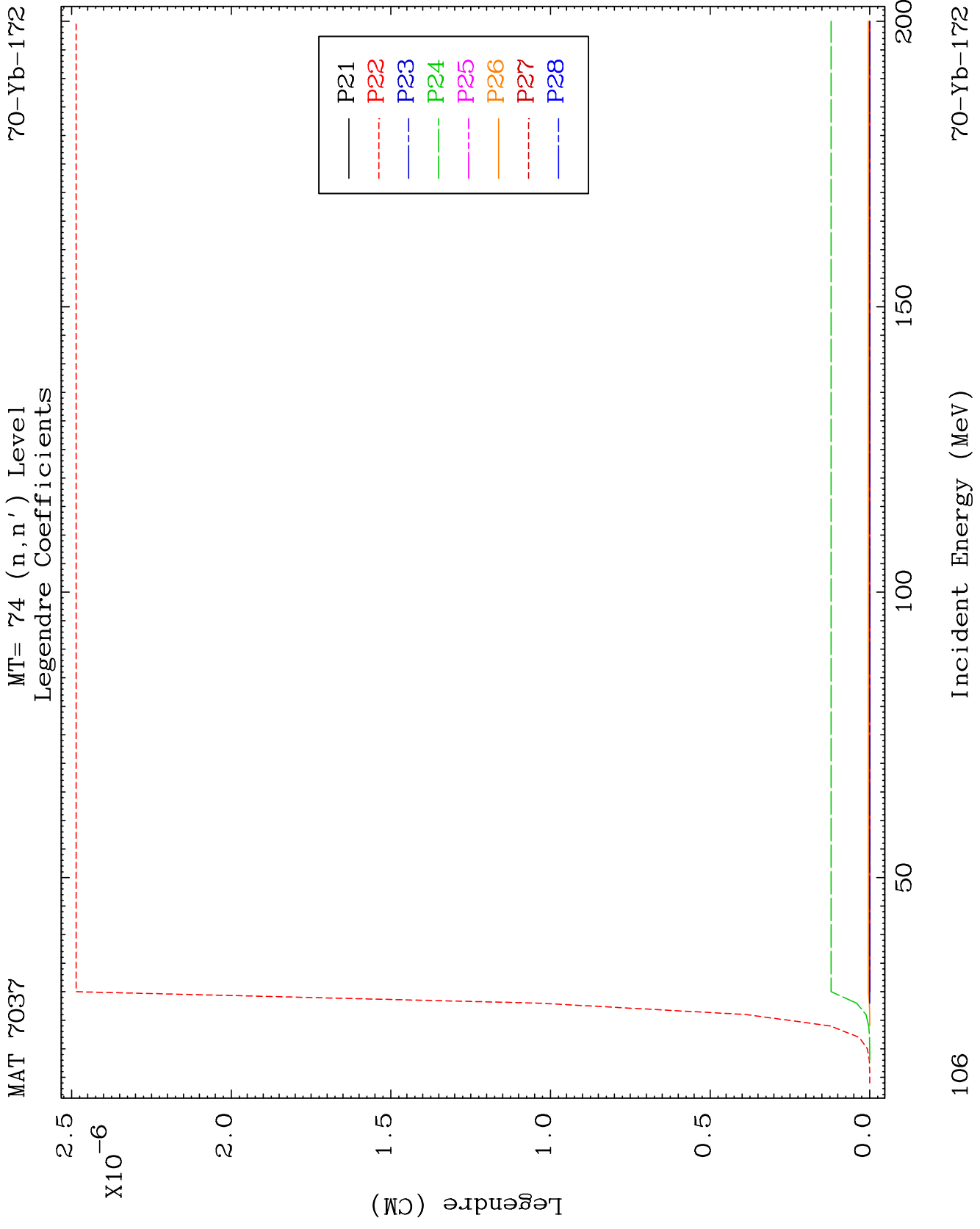


MAT 7037

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

70-Yb-172



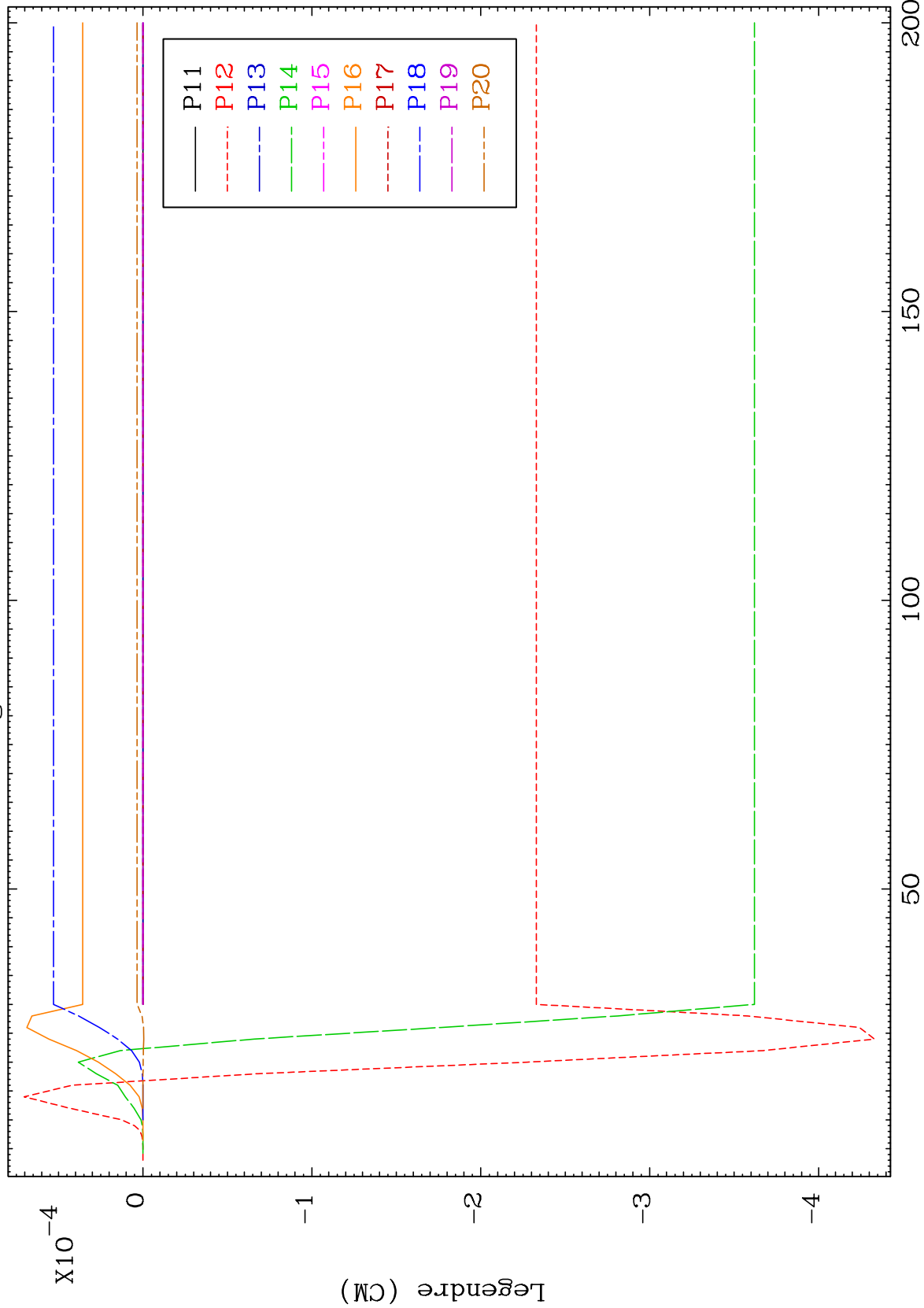




MAT 7037

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

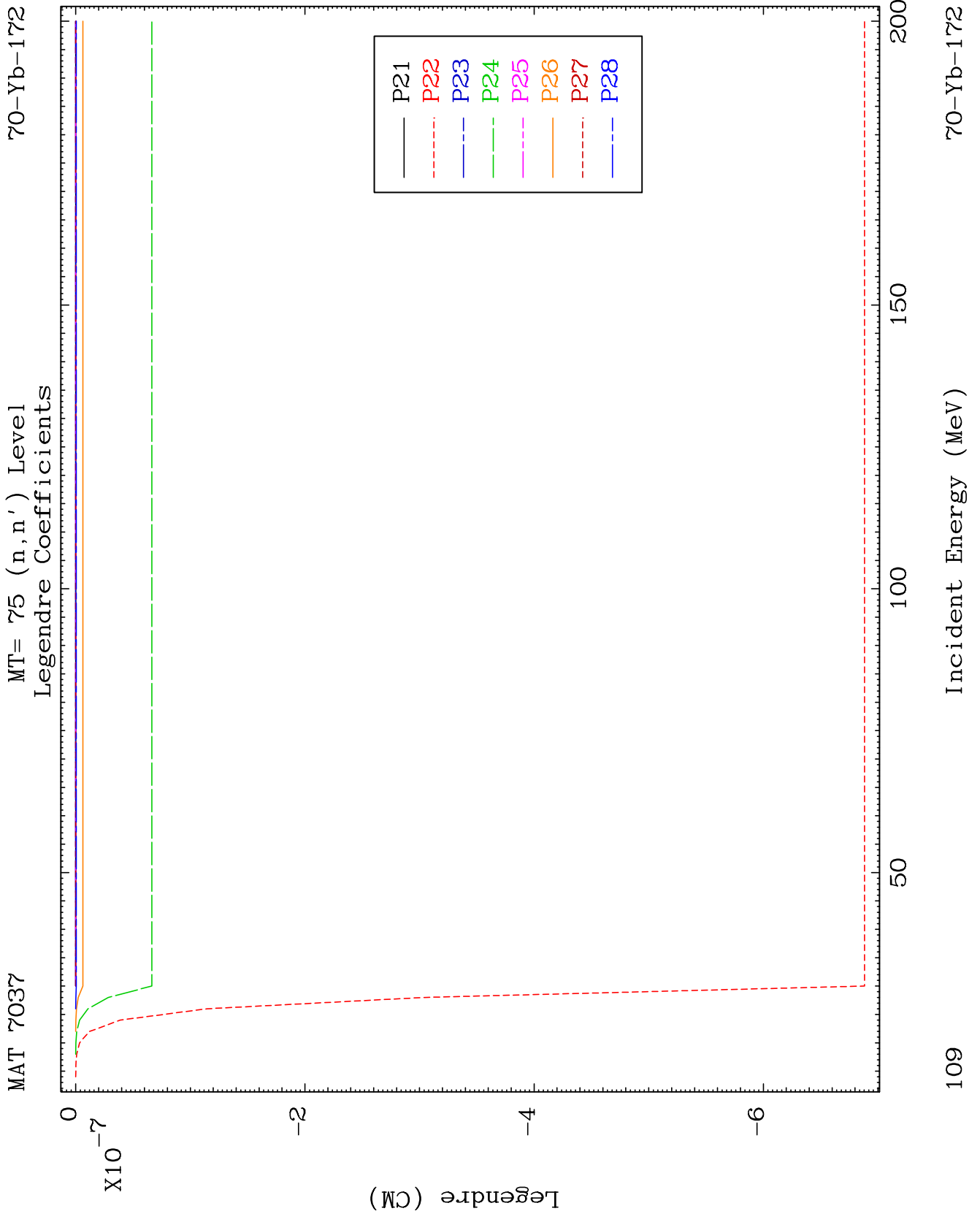
70-Yb-172



108

Incident Energy (MeV)

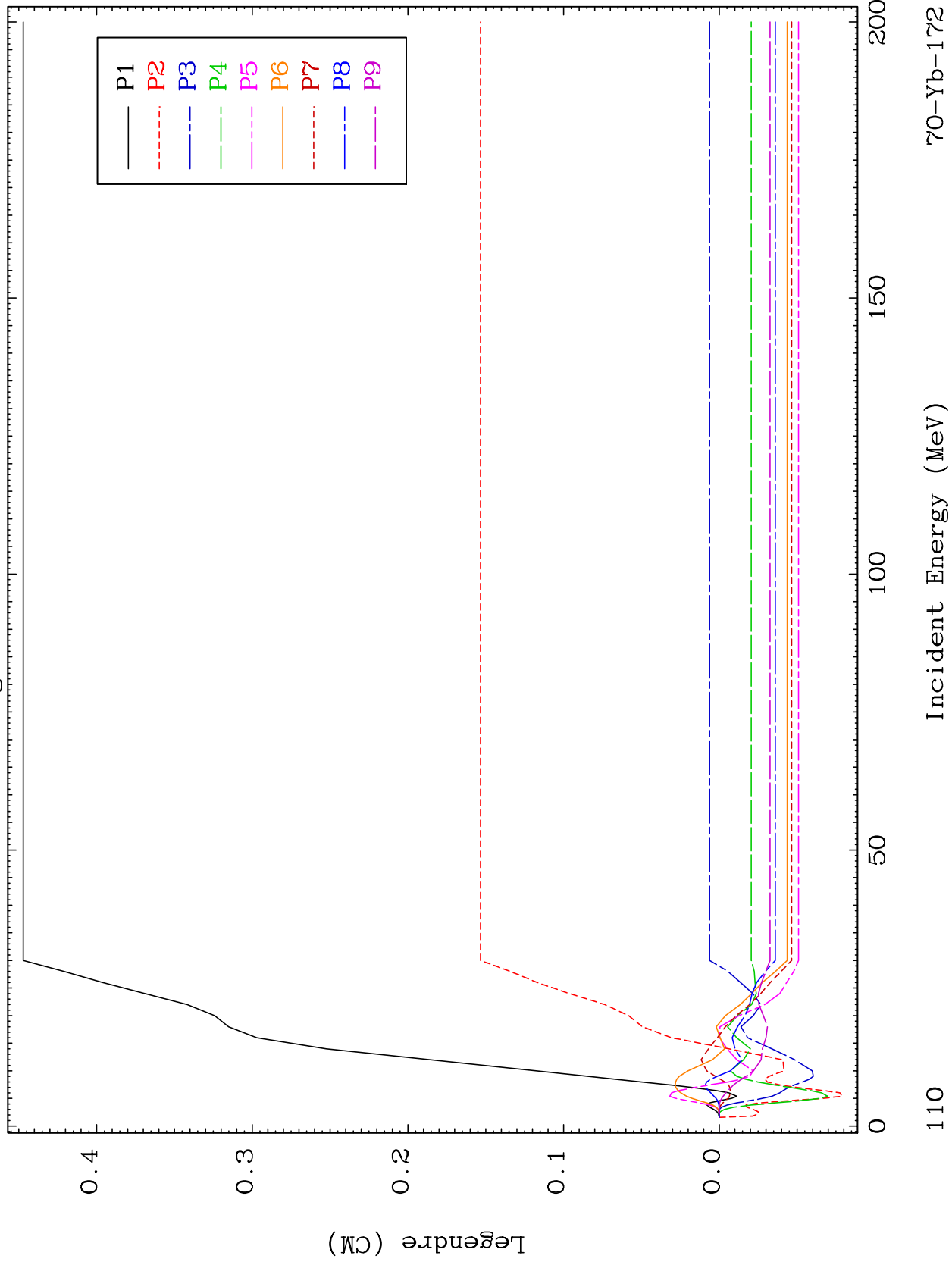
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

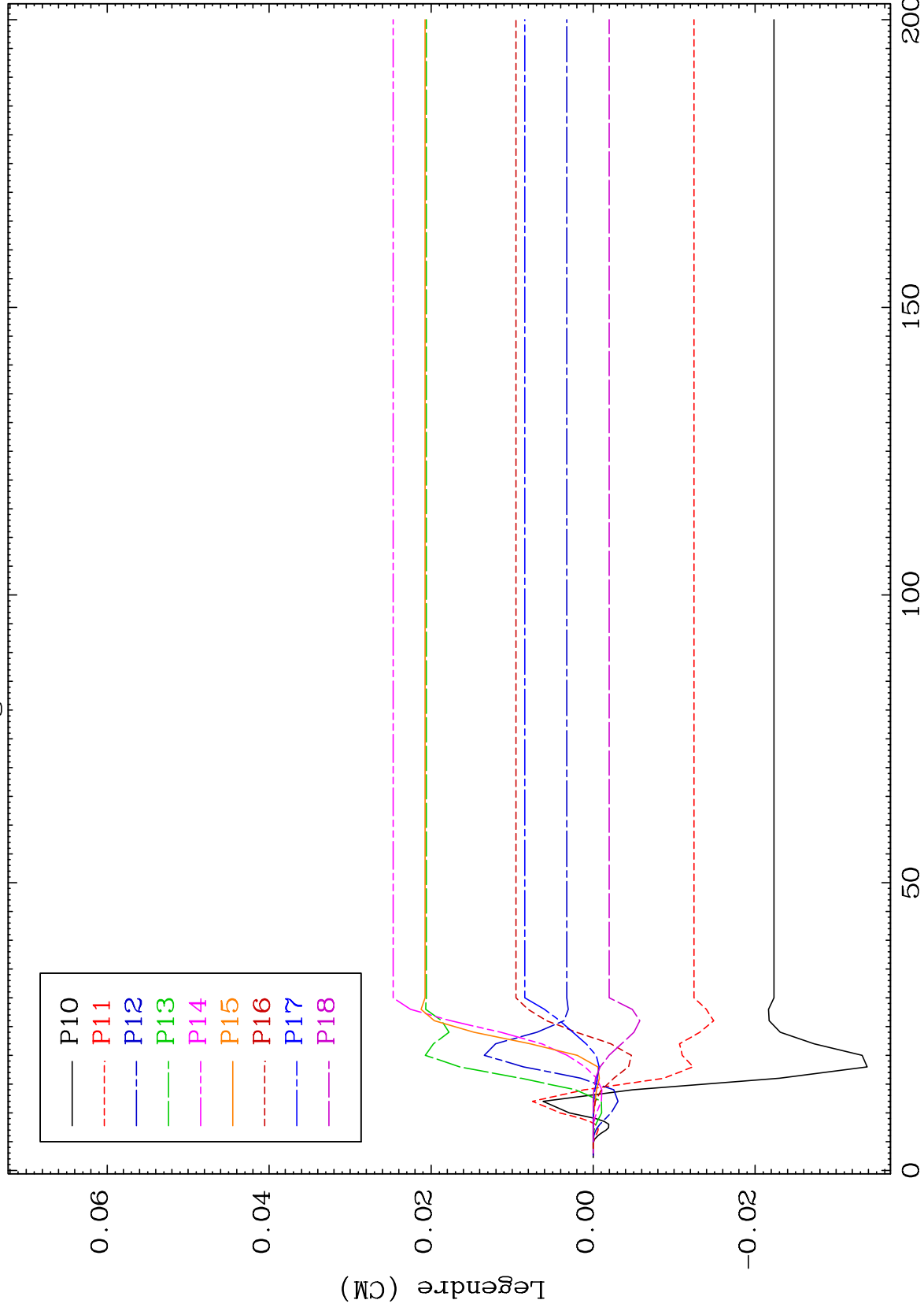
Incident Energy (MeV)

110

MAT 7037

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

70-Yb-172



111

Incident Energy (MeV)

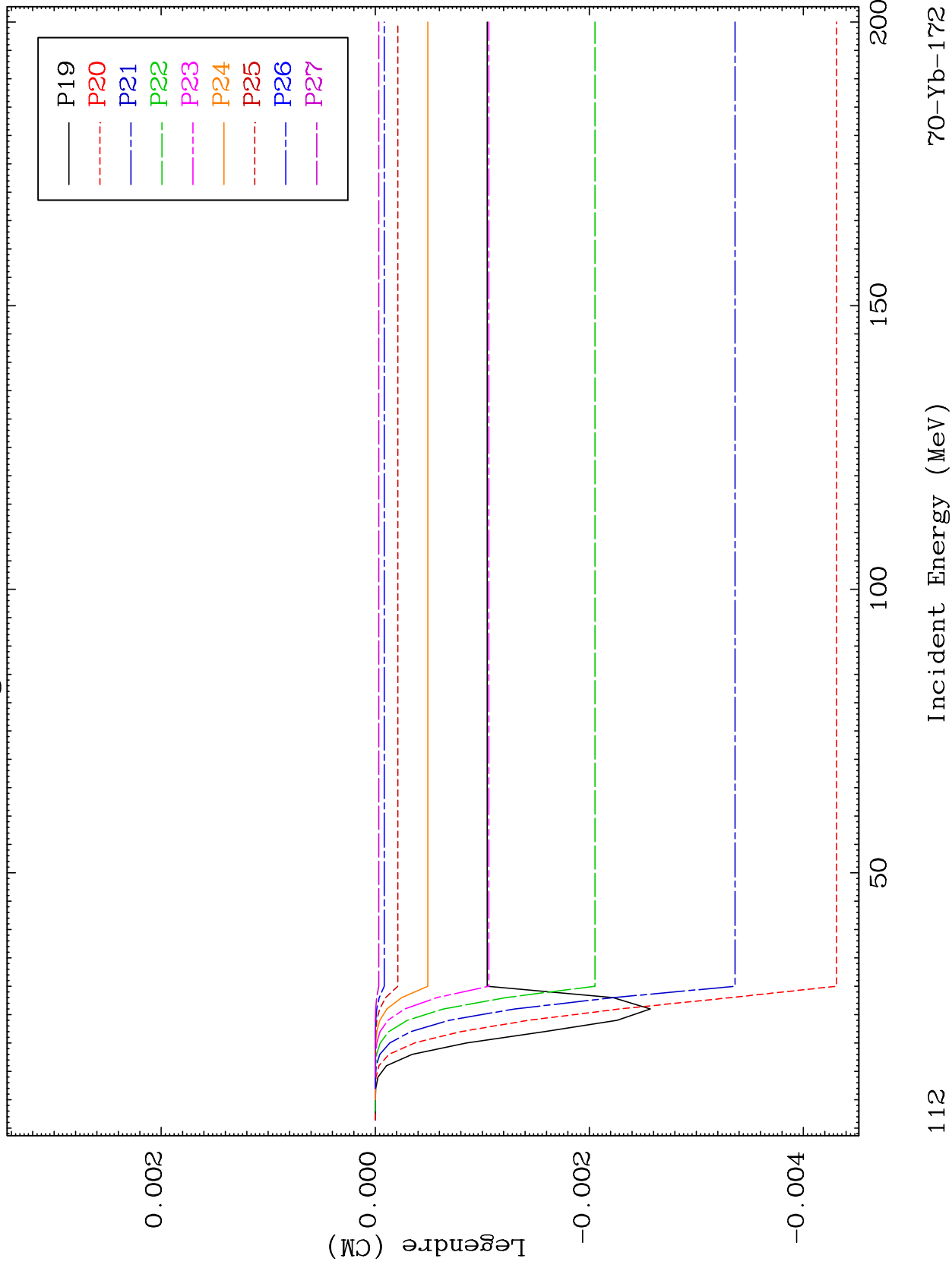
70-Yb-172



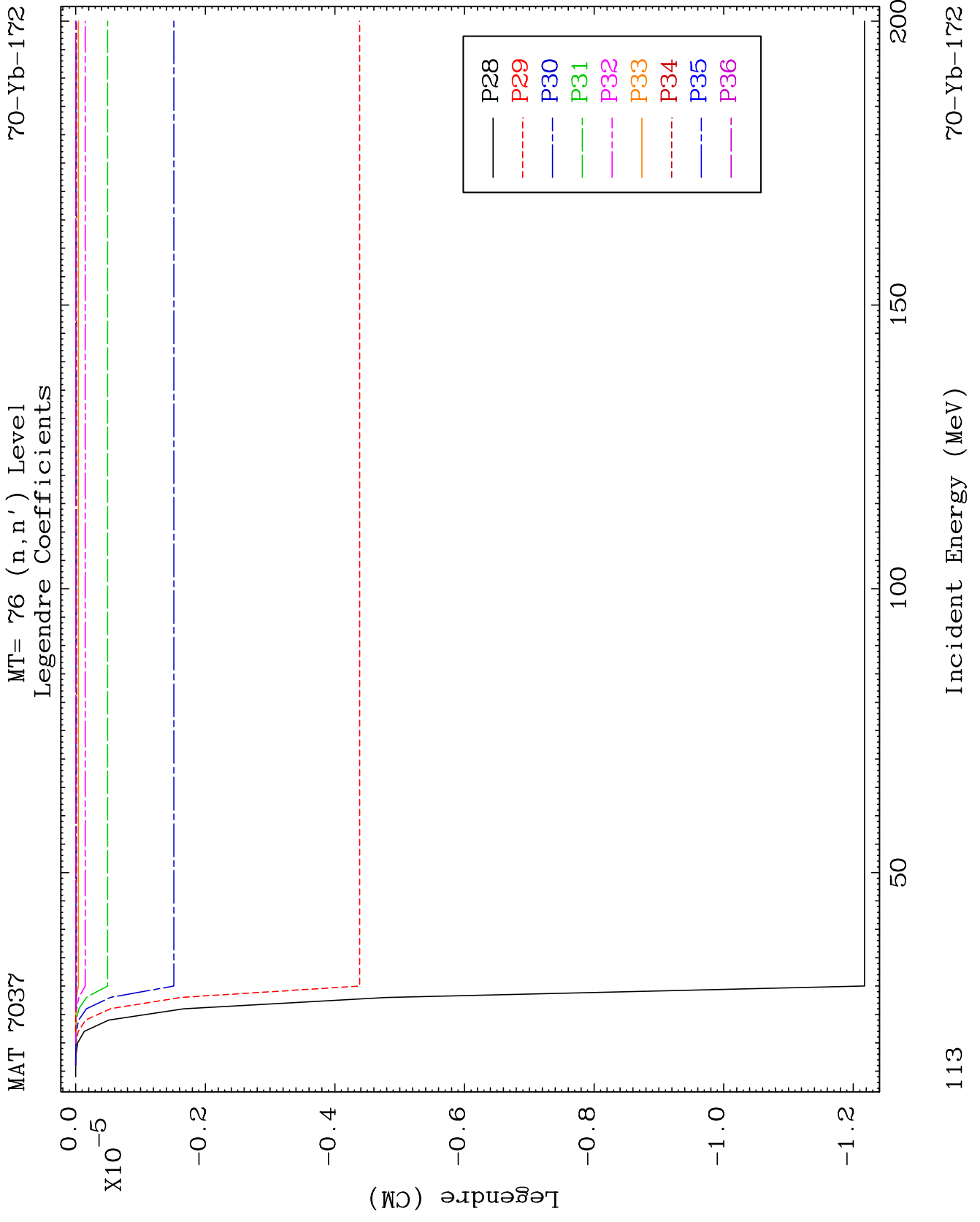
MAT 7037

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

70-Yb-172



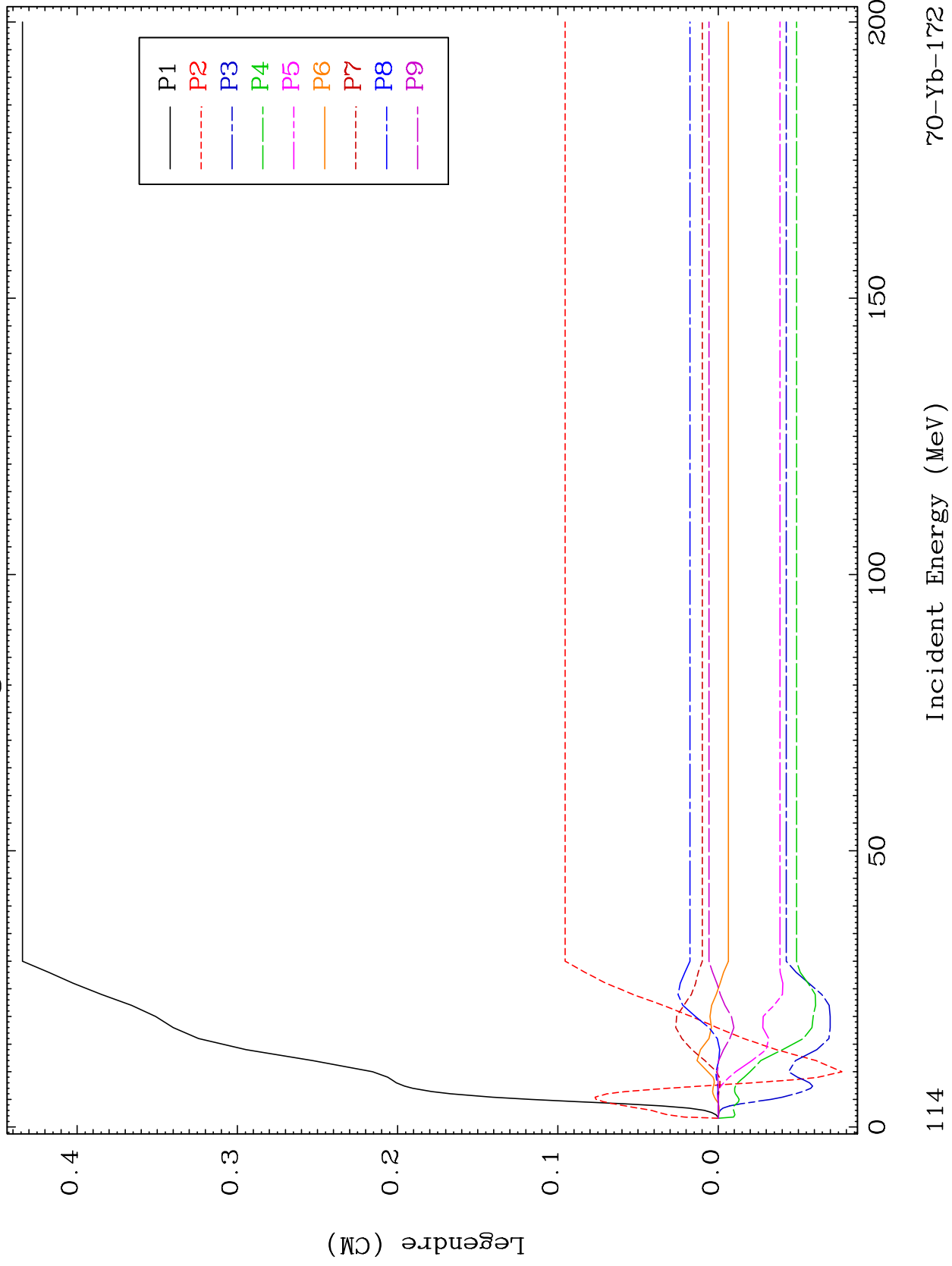
112



MAT 7037

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

70-Yb-172



70-Yb-172

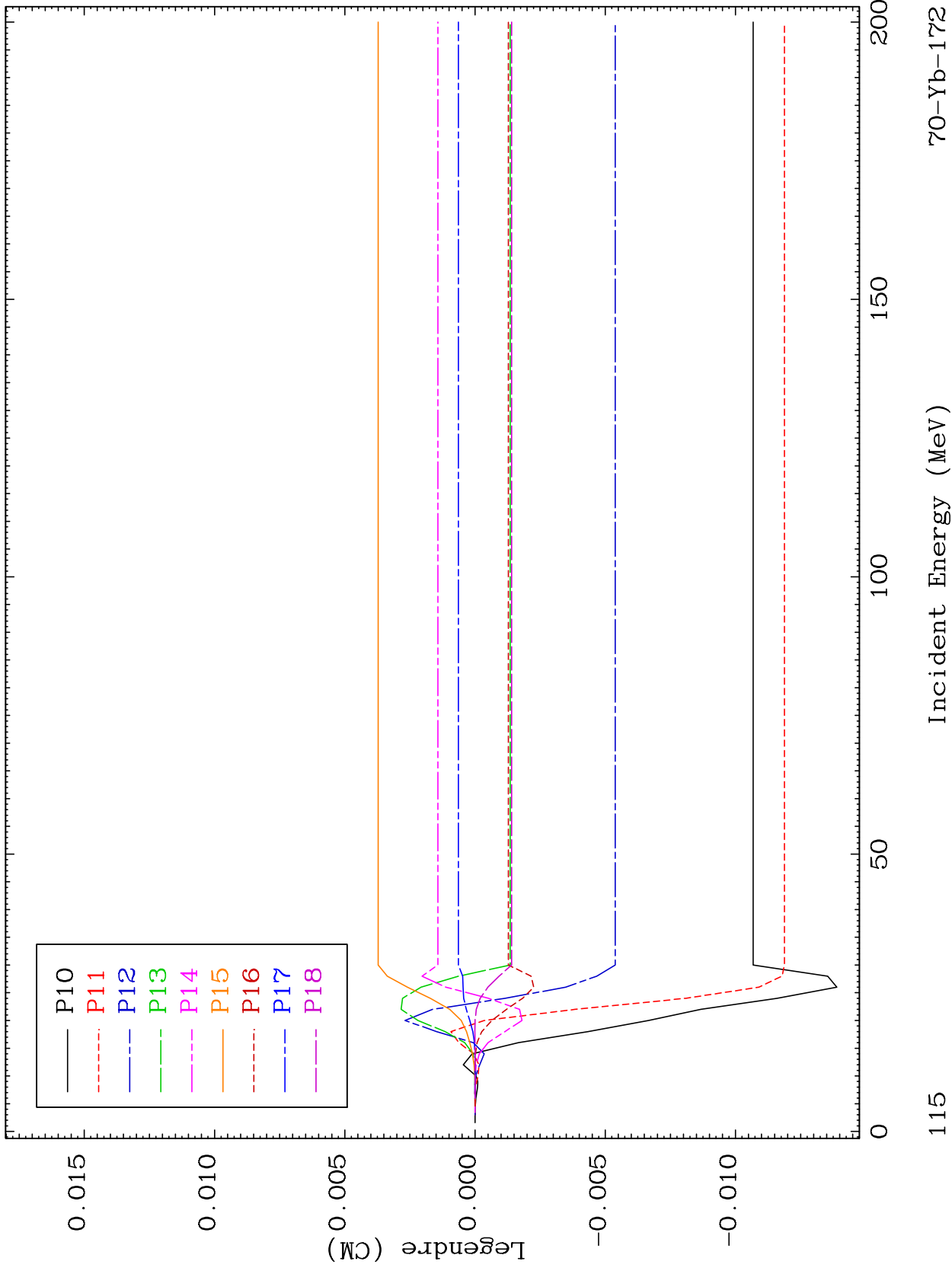
Incident Energy (MeV)

114

MAT 7037

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

70-Yb-172



115

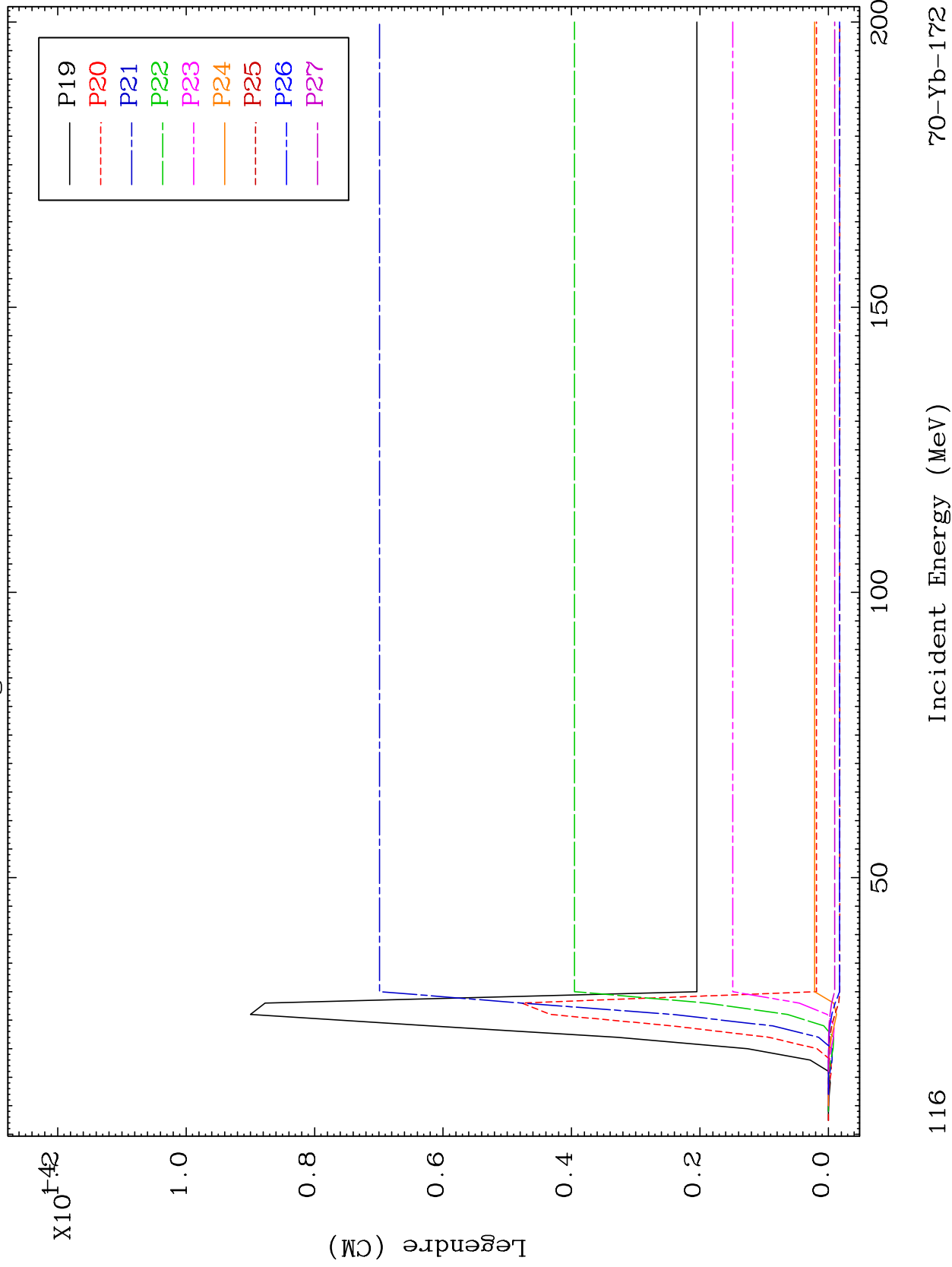
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

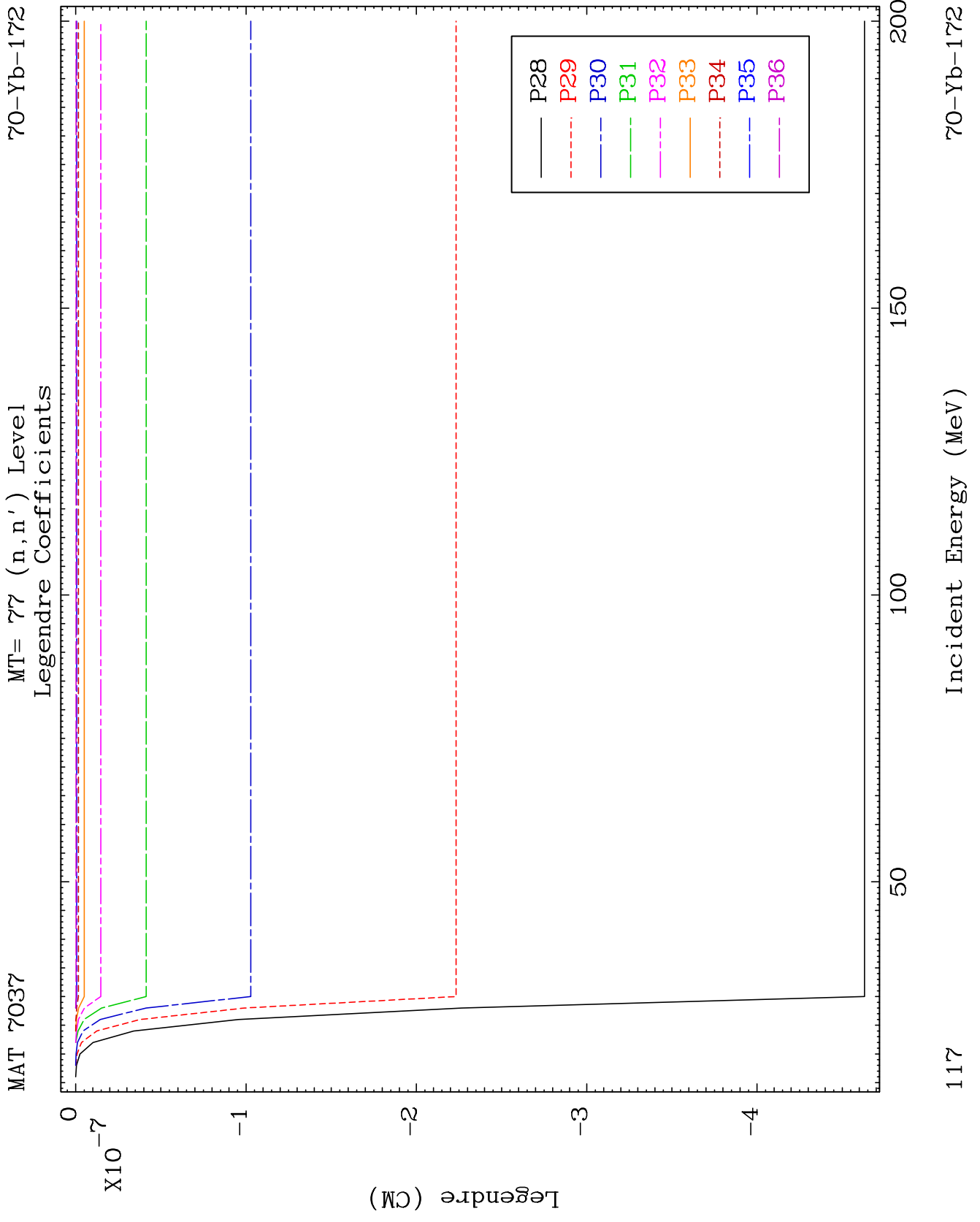
70-Yb-172



116

Incident Energy (MeV)

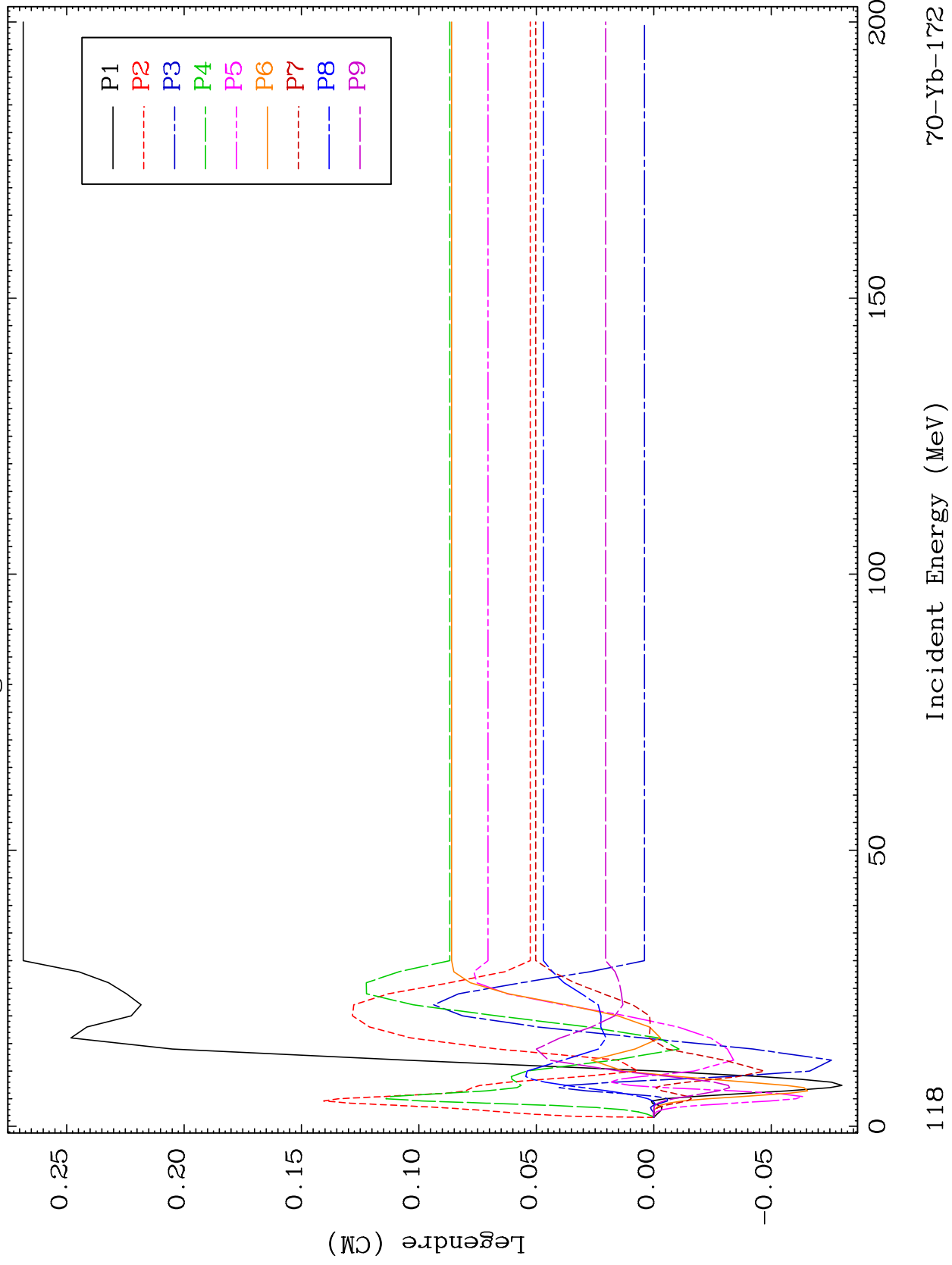
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

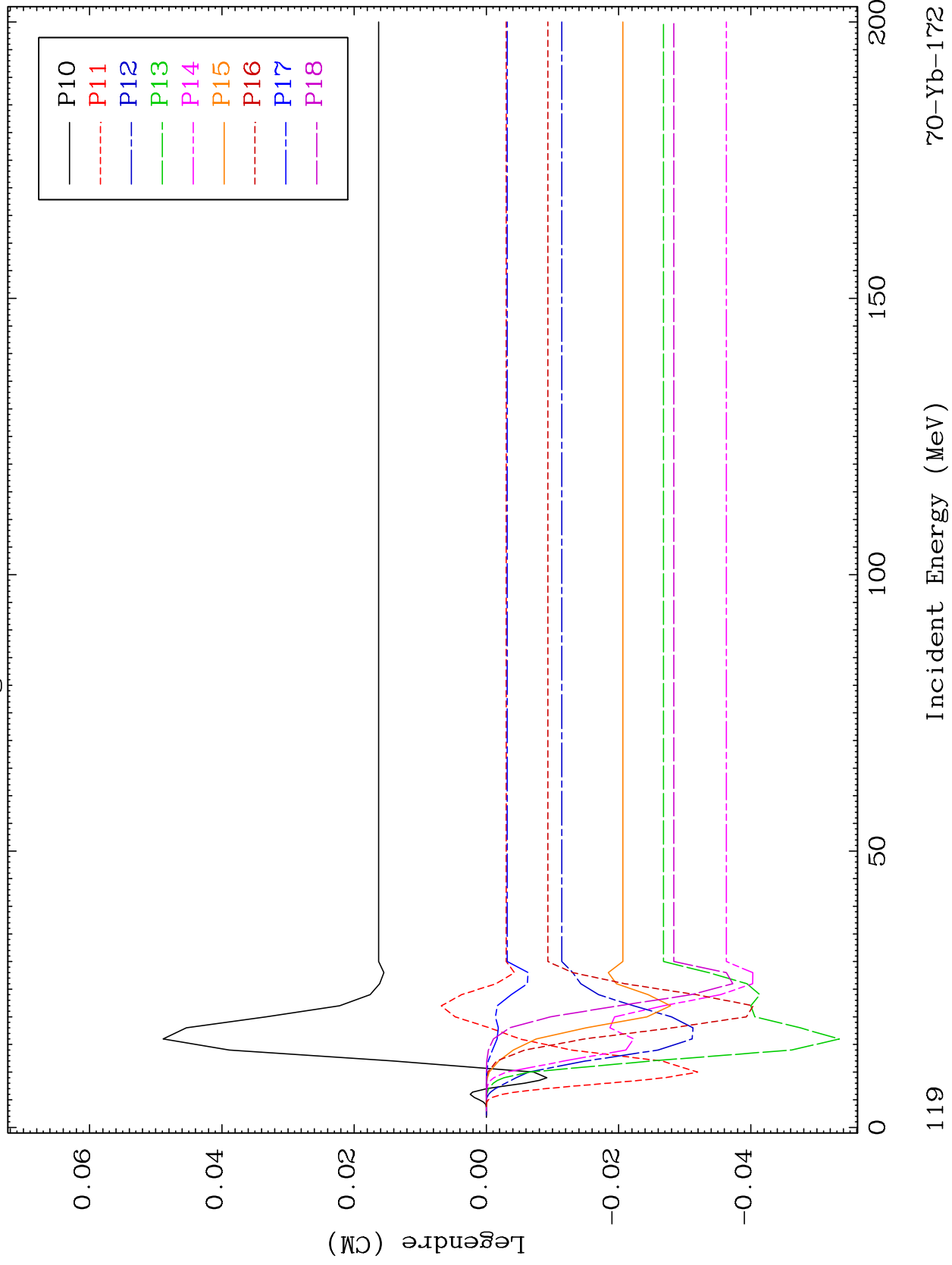
Incident Energy (MeV)

118

MAT 7037

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

70-Yb-172



119

Incident Energy (MeV)

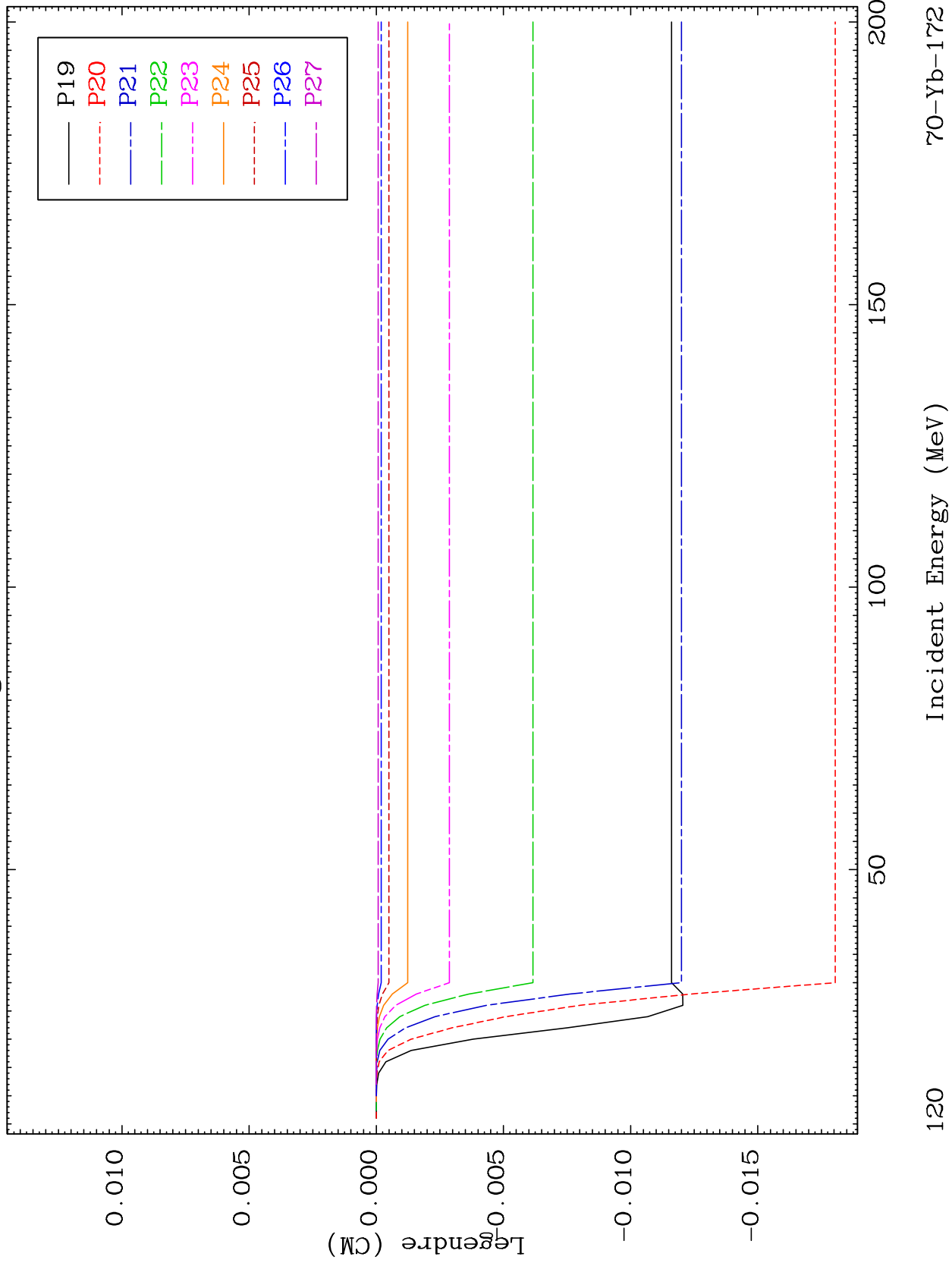
70-Yb-172

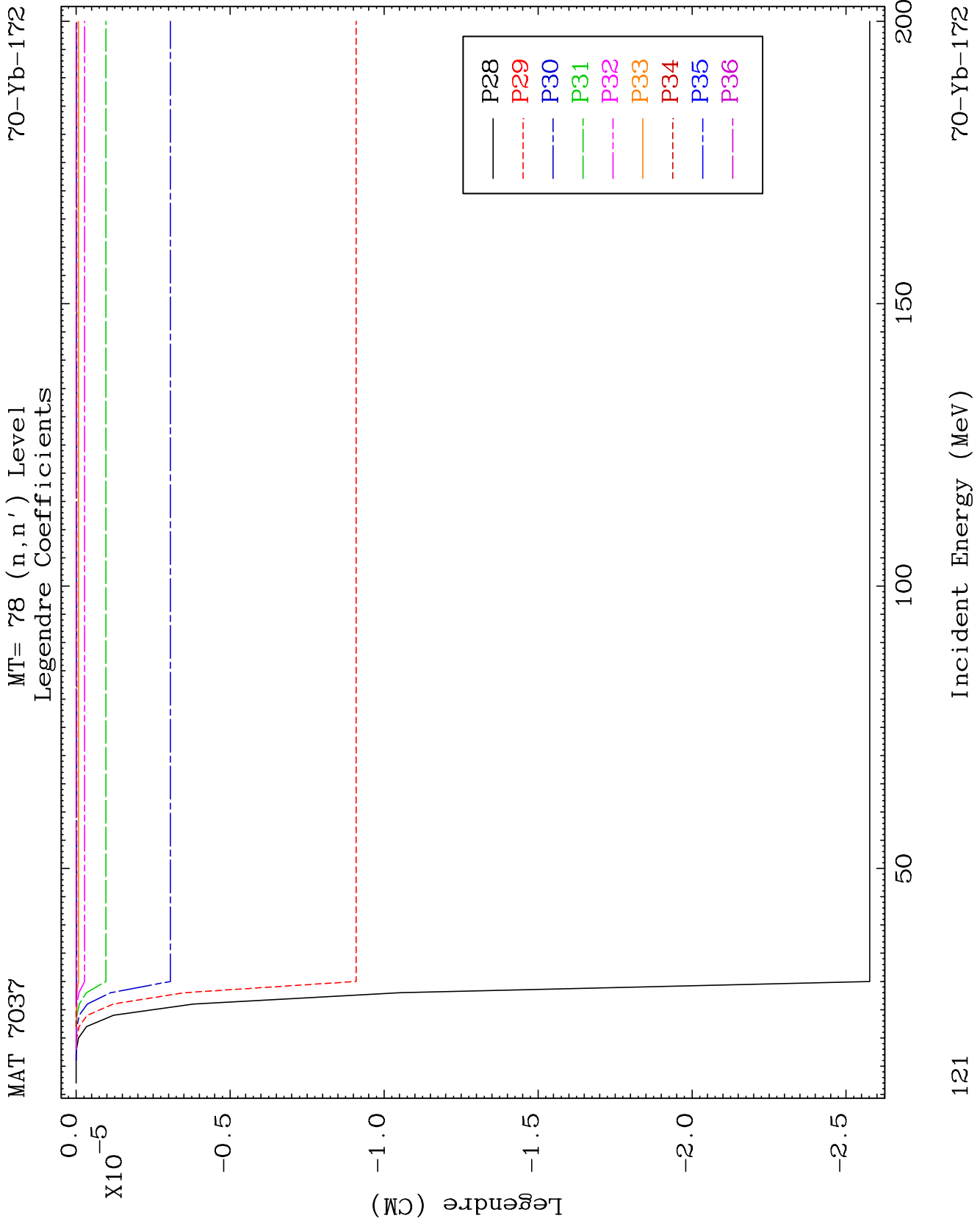


MAT 7037

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

70-Yb-172

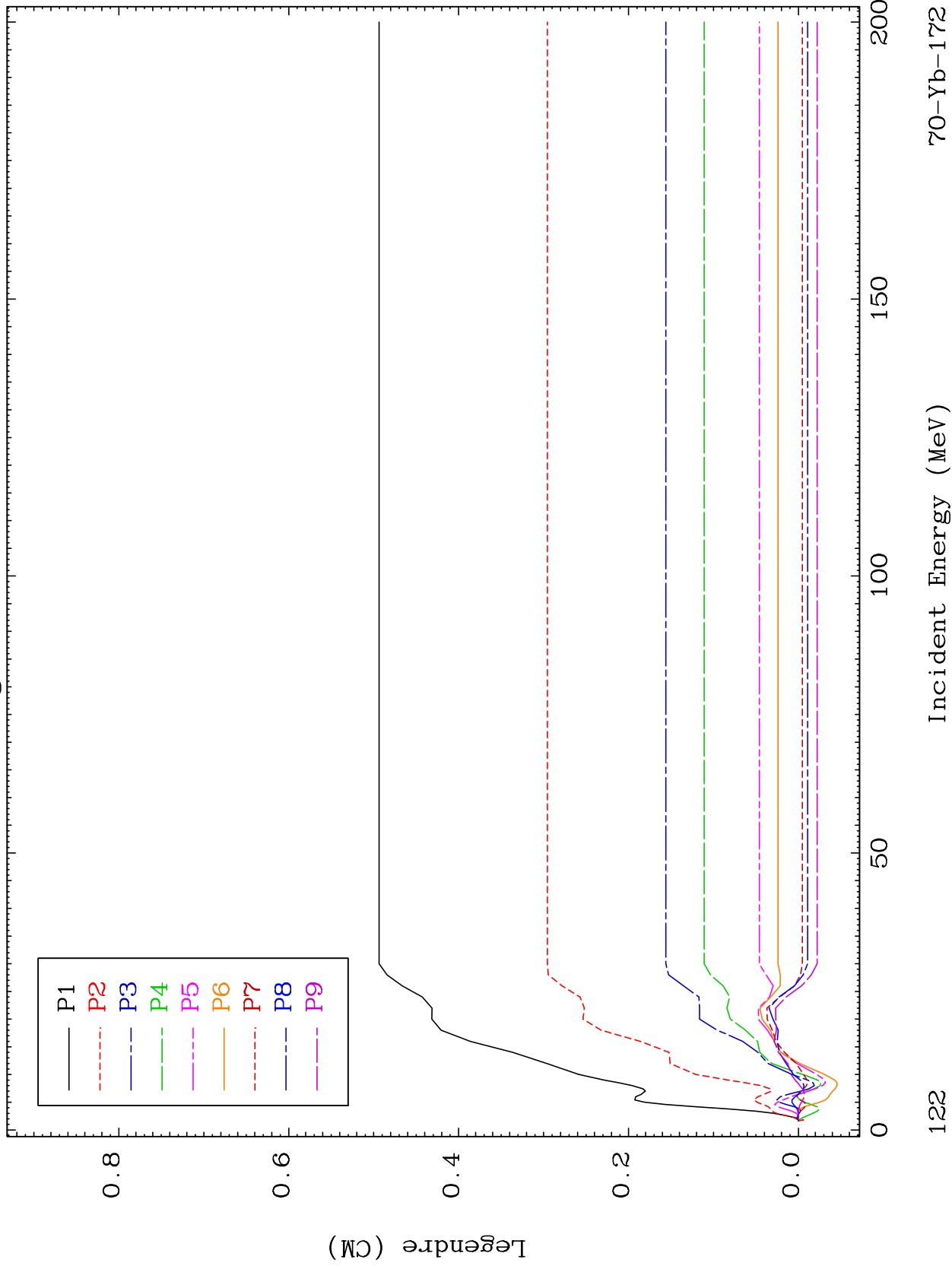




MAT 7037

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

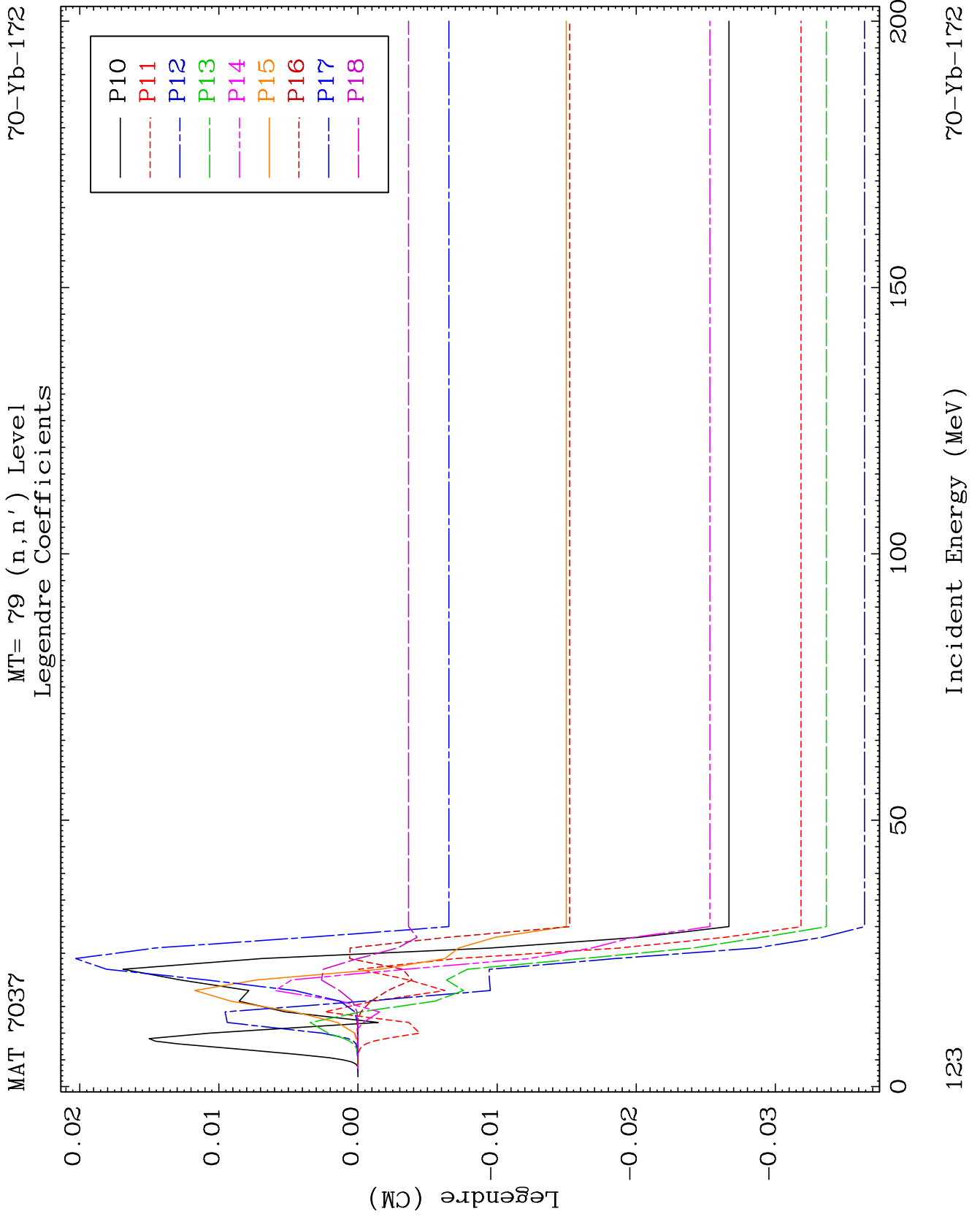
70-Yb-172



70-Yb-172

Incident Energy (MeV)

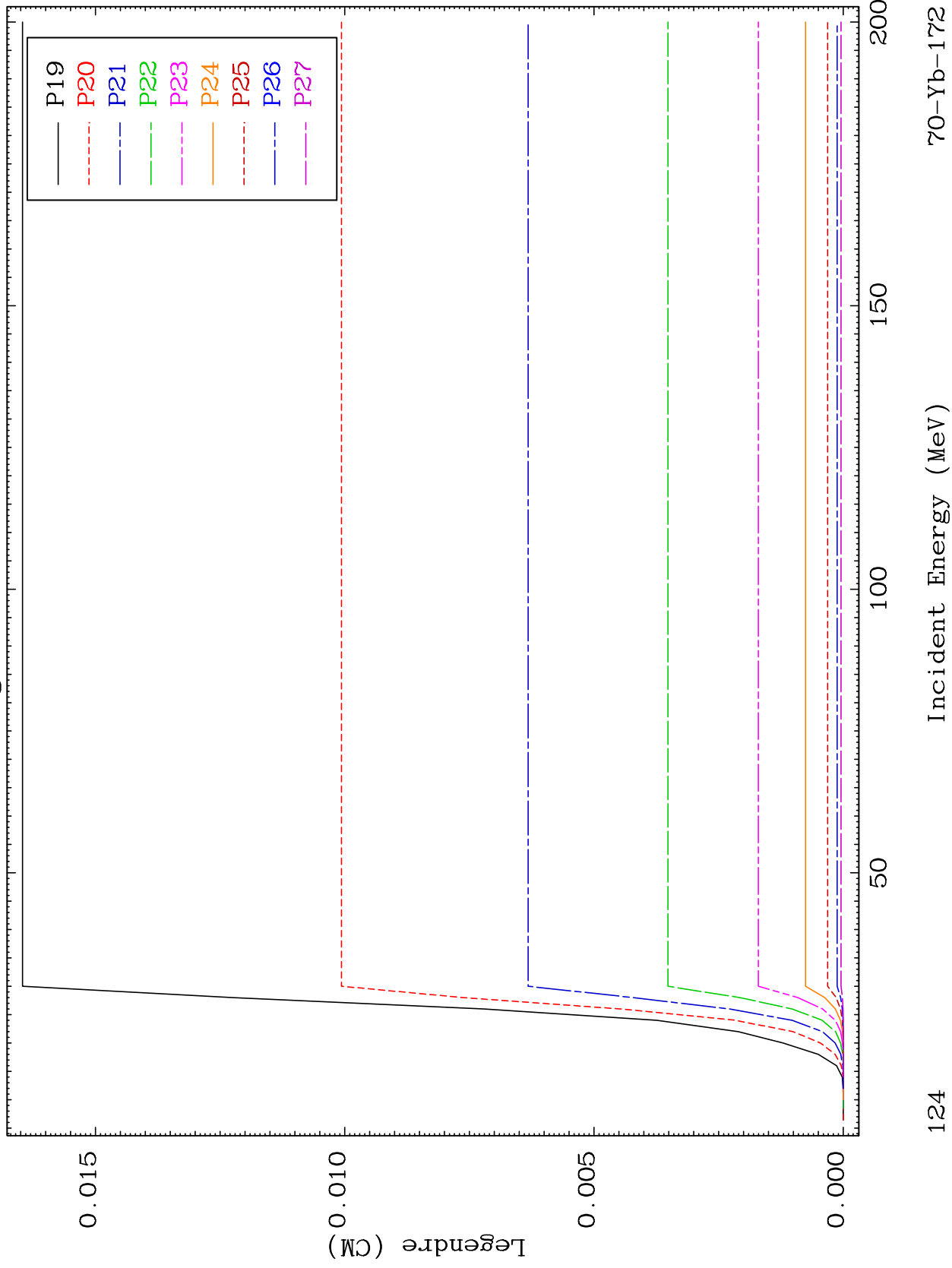
122



MAT 7037

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

70-Yb-172



124

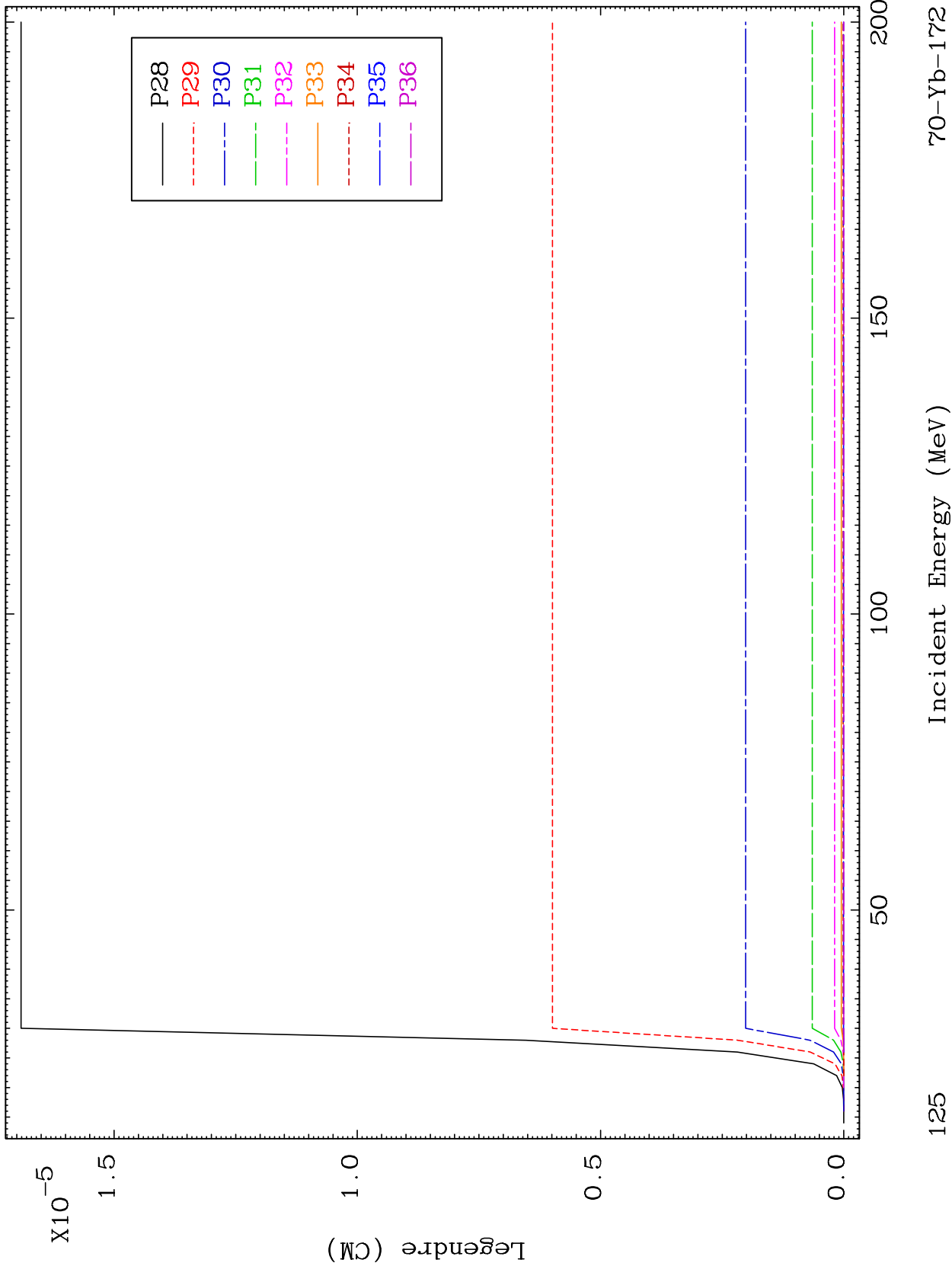
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



125

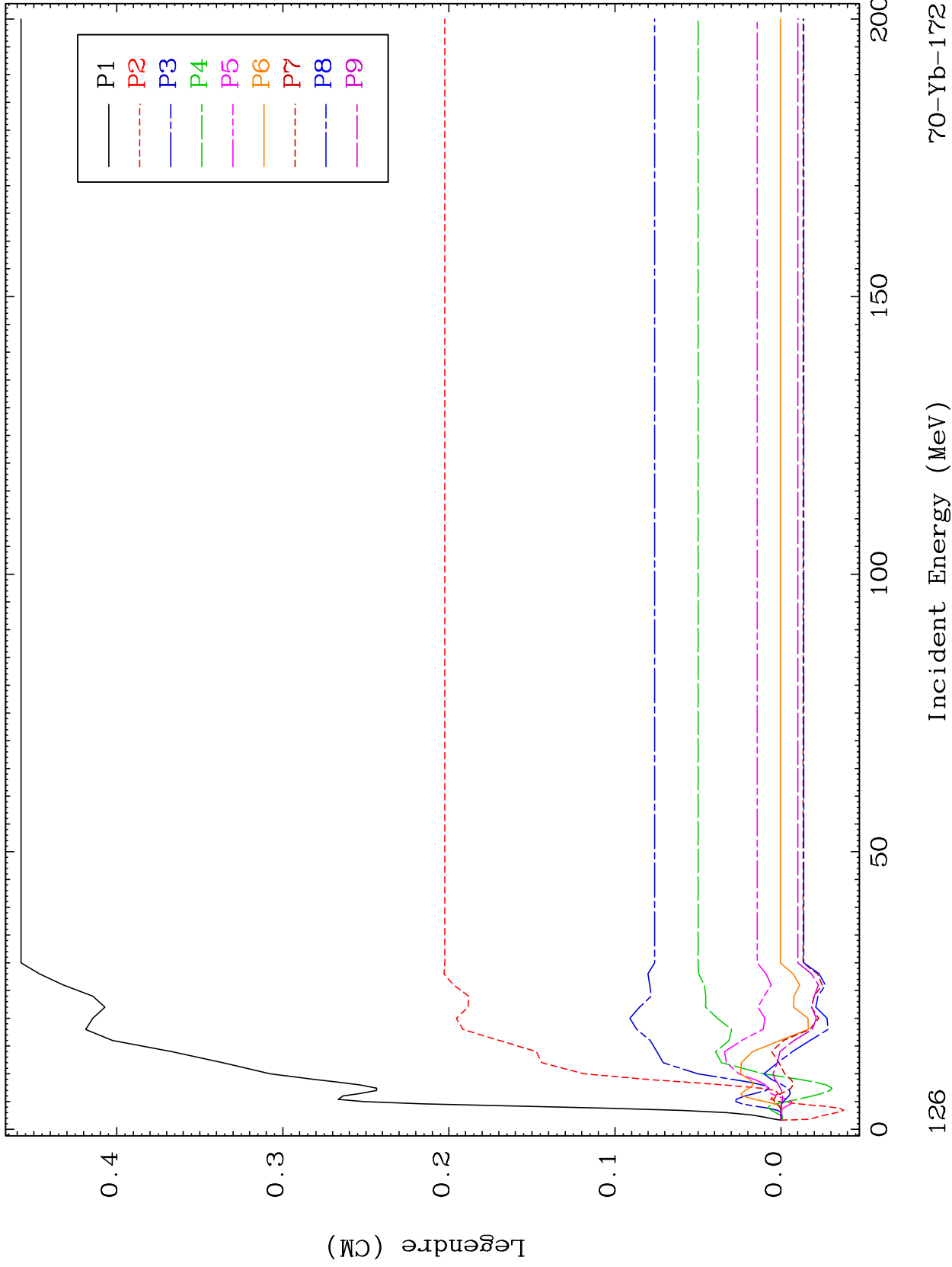
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



70-Yb-172

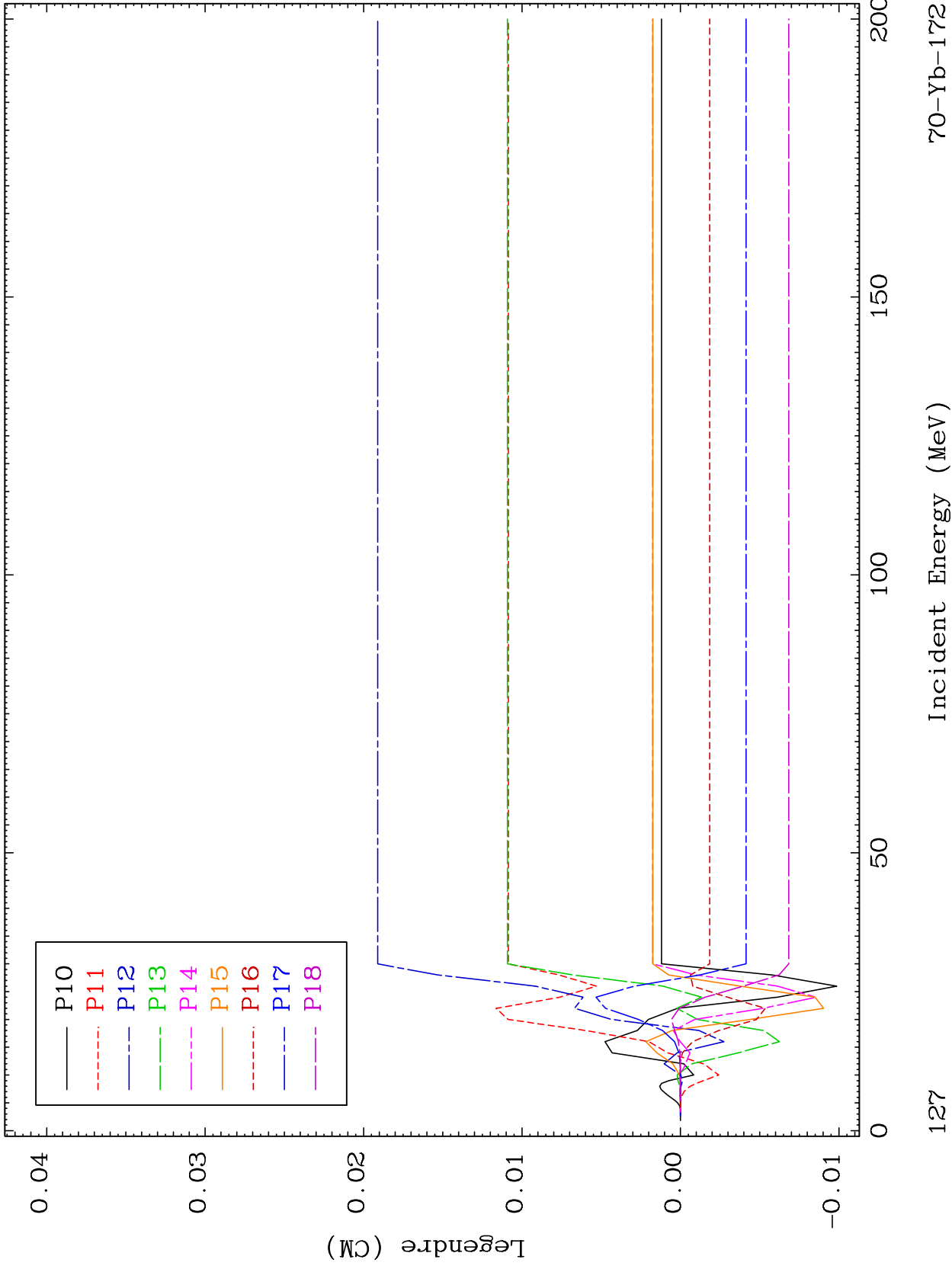
Incident Energy (MeV)

126

MAT 7037

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

70-Yb-172



127

Incident Energy (MeV)

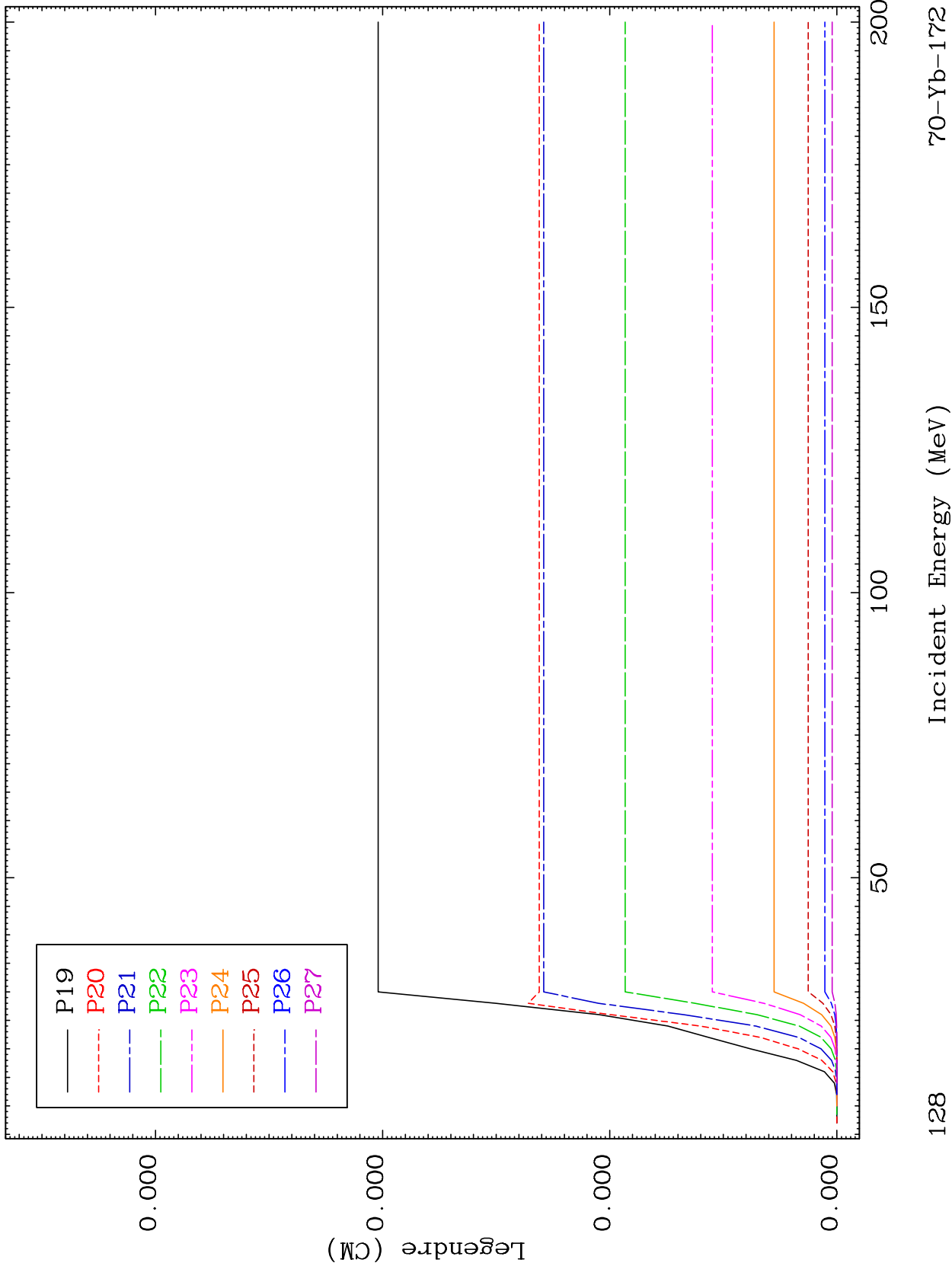
70-Yb-172



MAT 7037

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

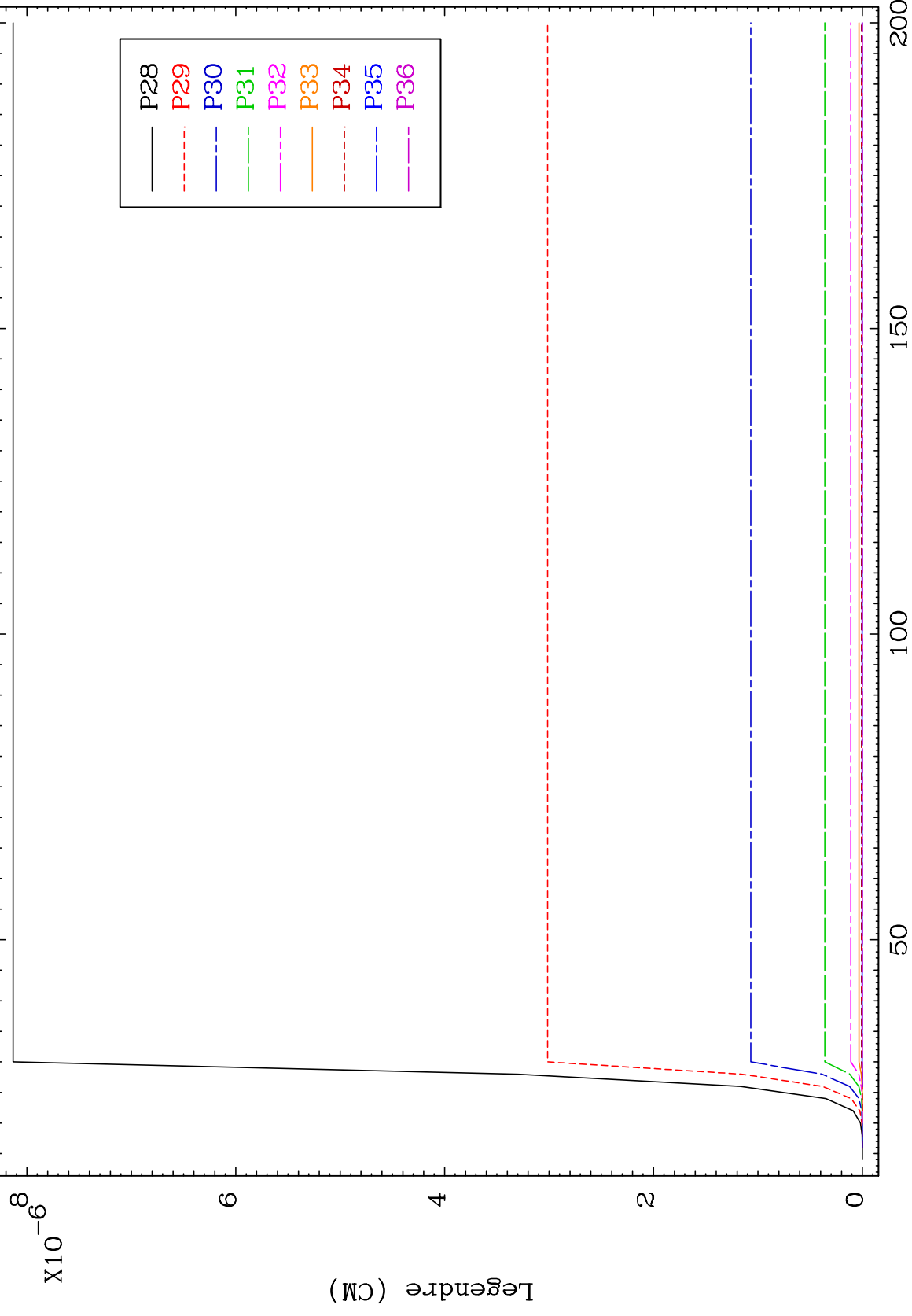
70-Yb-172



MAT 7037

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

70-Yb-172



129

Incident Energy (MeV)

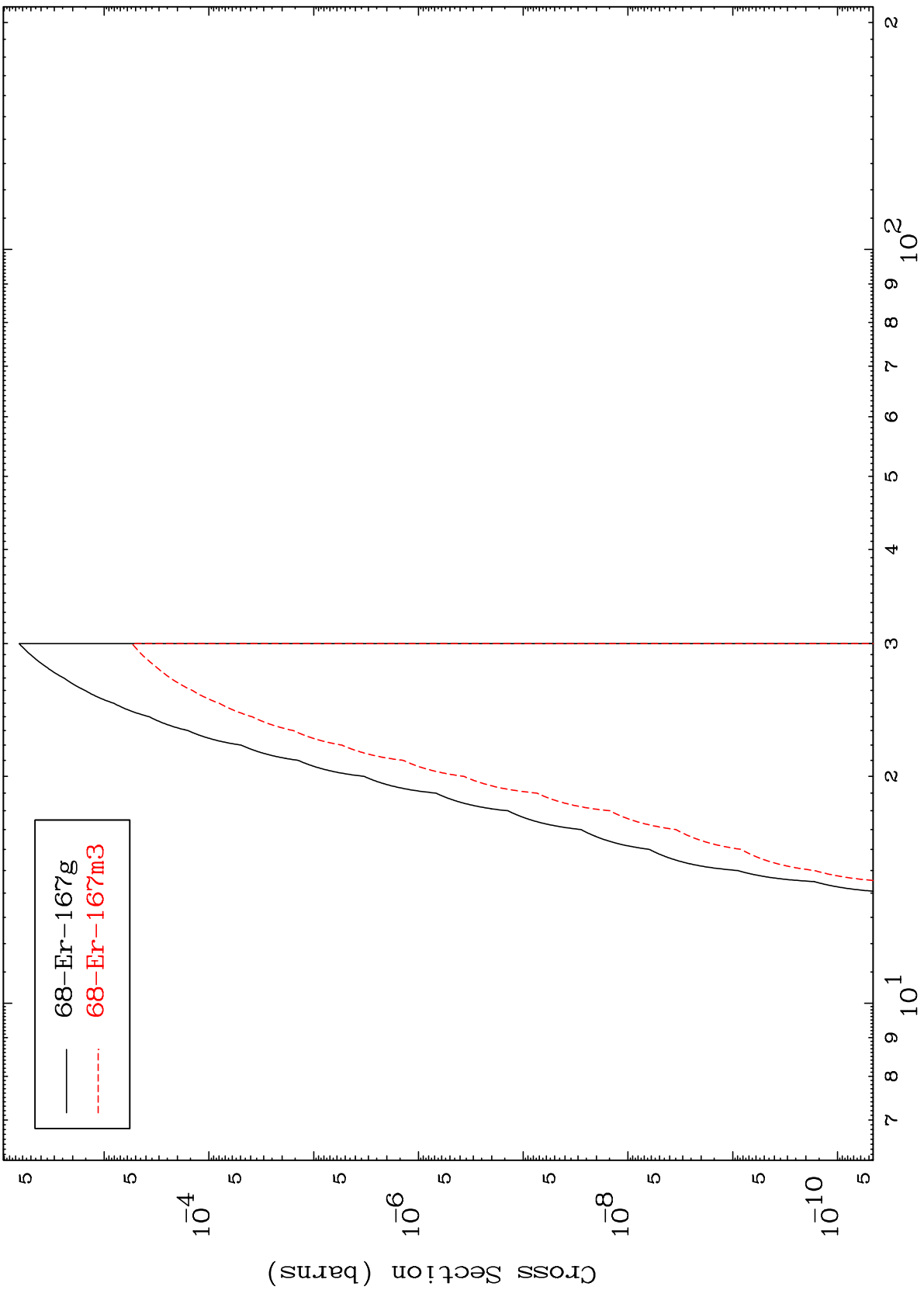
70-Yb-172

MAT 7037

(n,2n)  $\alpha$

70-Yb-172

Radionuclide Production Cross Section



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

130

Incident Energy (MeV)

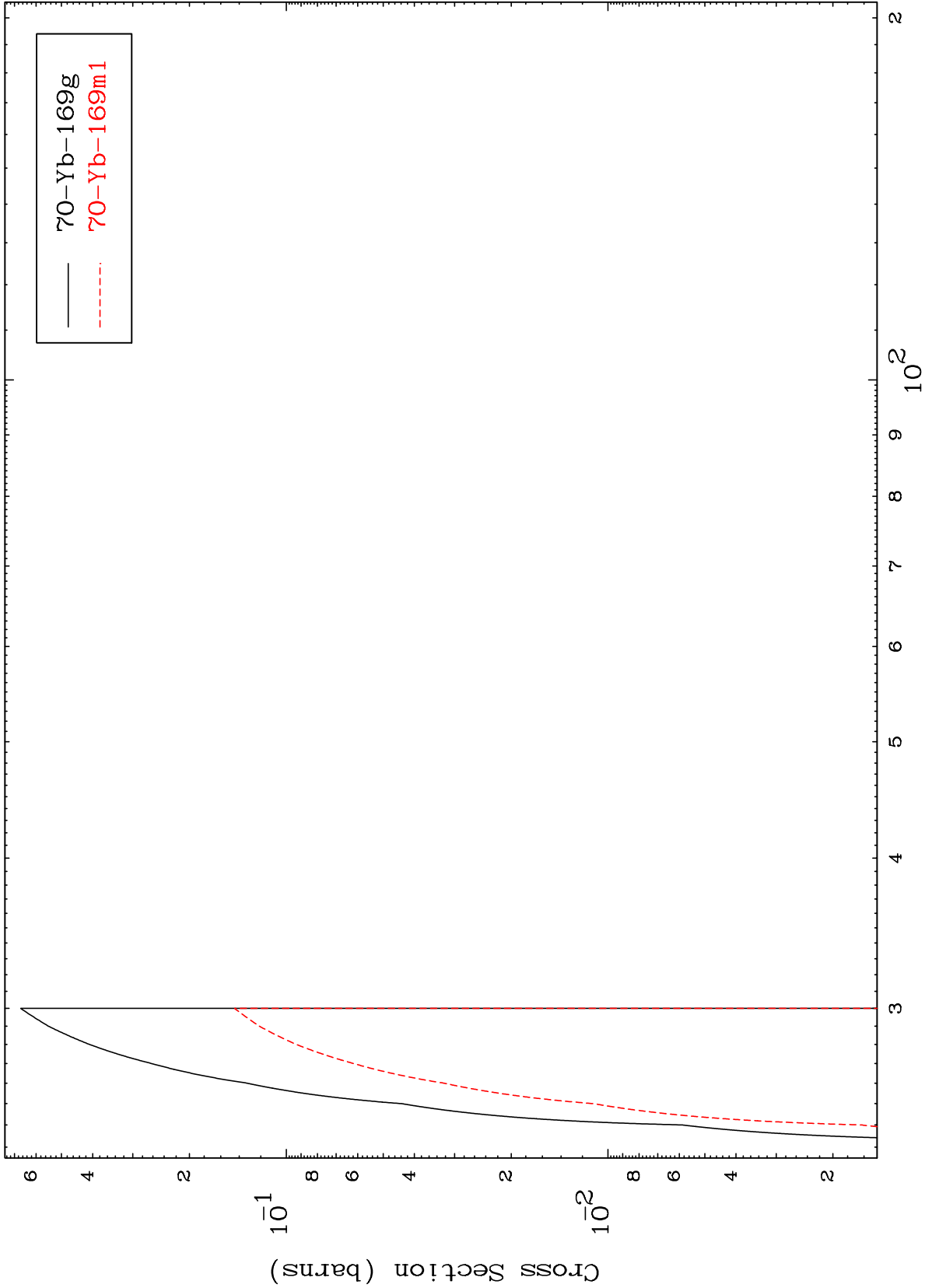
70-Yb-172

MAT 7037

(n,4n)

70-Yb-172

Radionuclide Production Cross Section



131

Incident Energy (MeV)

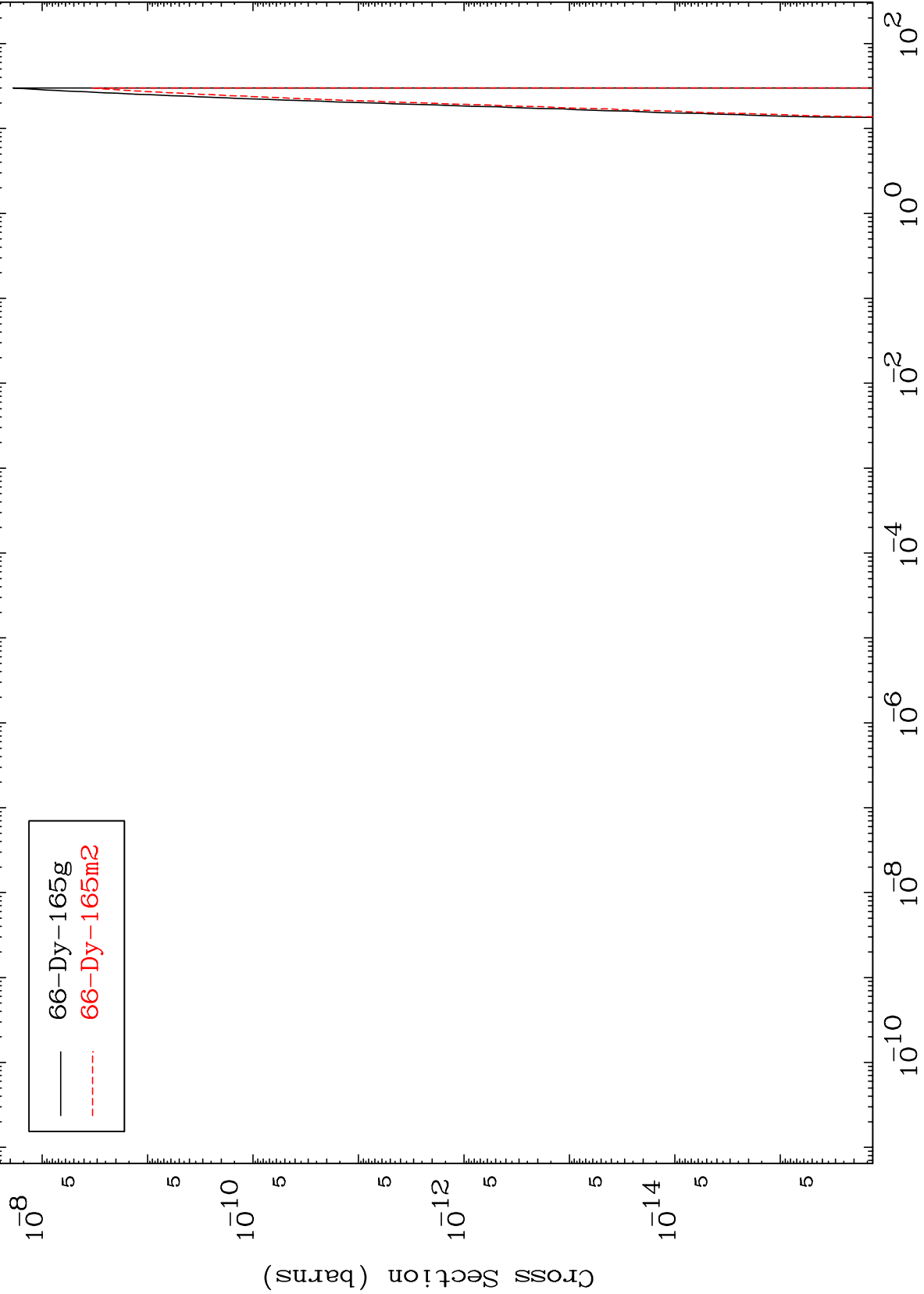
70-Yb-172

MAT 7037

(n,2α)

70-Yb-172

Radionuclide Production Cross Section

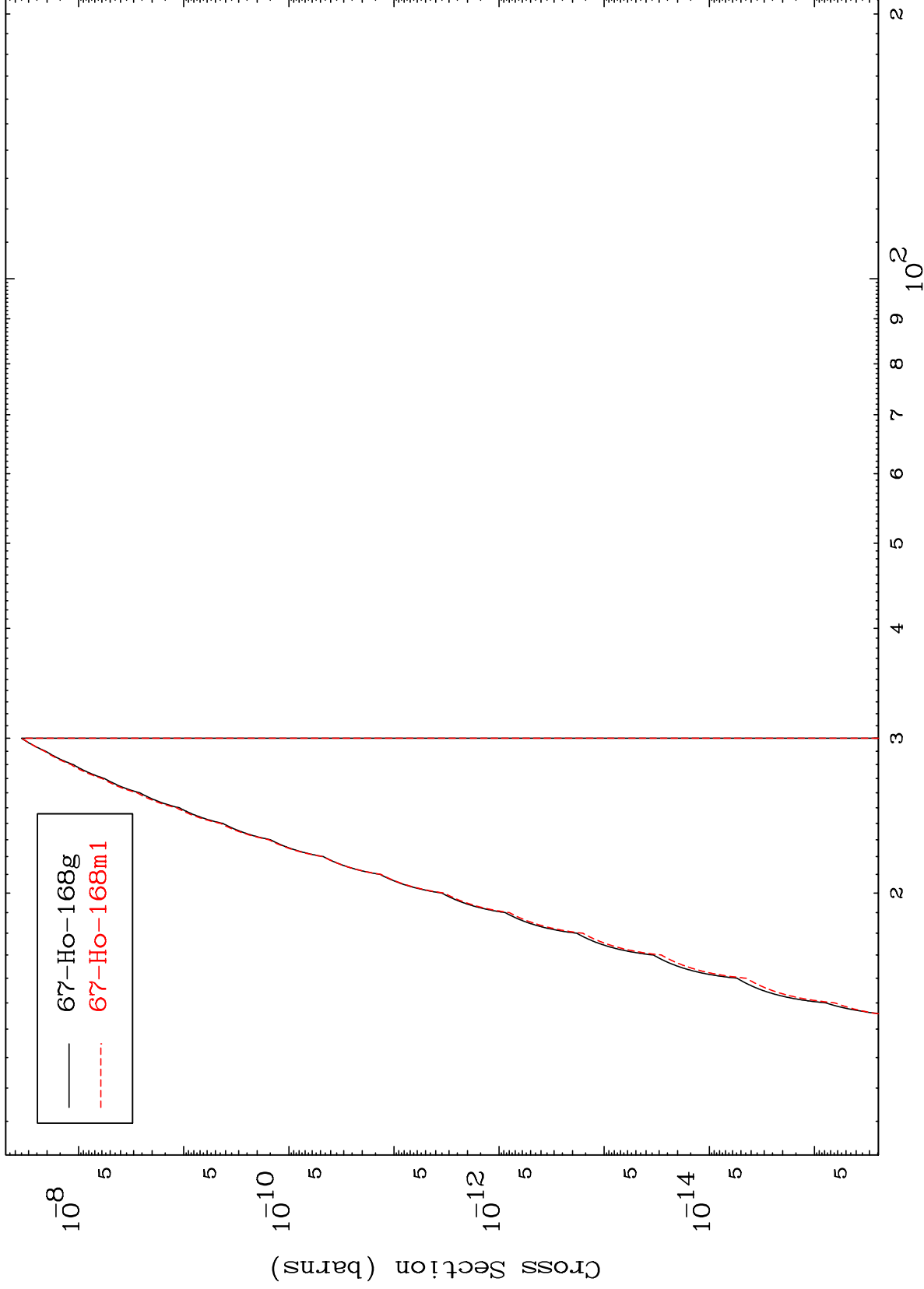


MAT 7037

(n,p)  $\alpha$

70-Yb-172

Radionuclide Production Cross Section



133

Incident Energy (MeV)

70-Yb-172