

Program EVALPLOT
(Version 2017-1)

by

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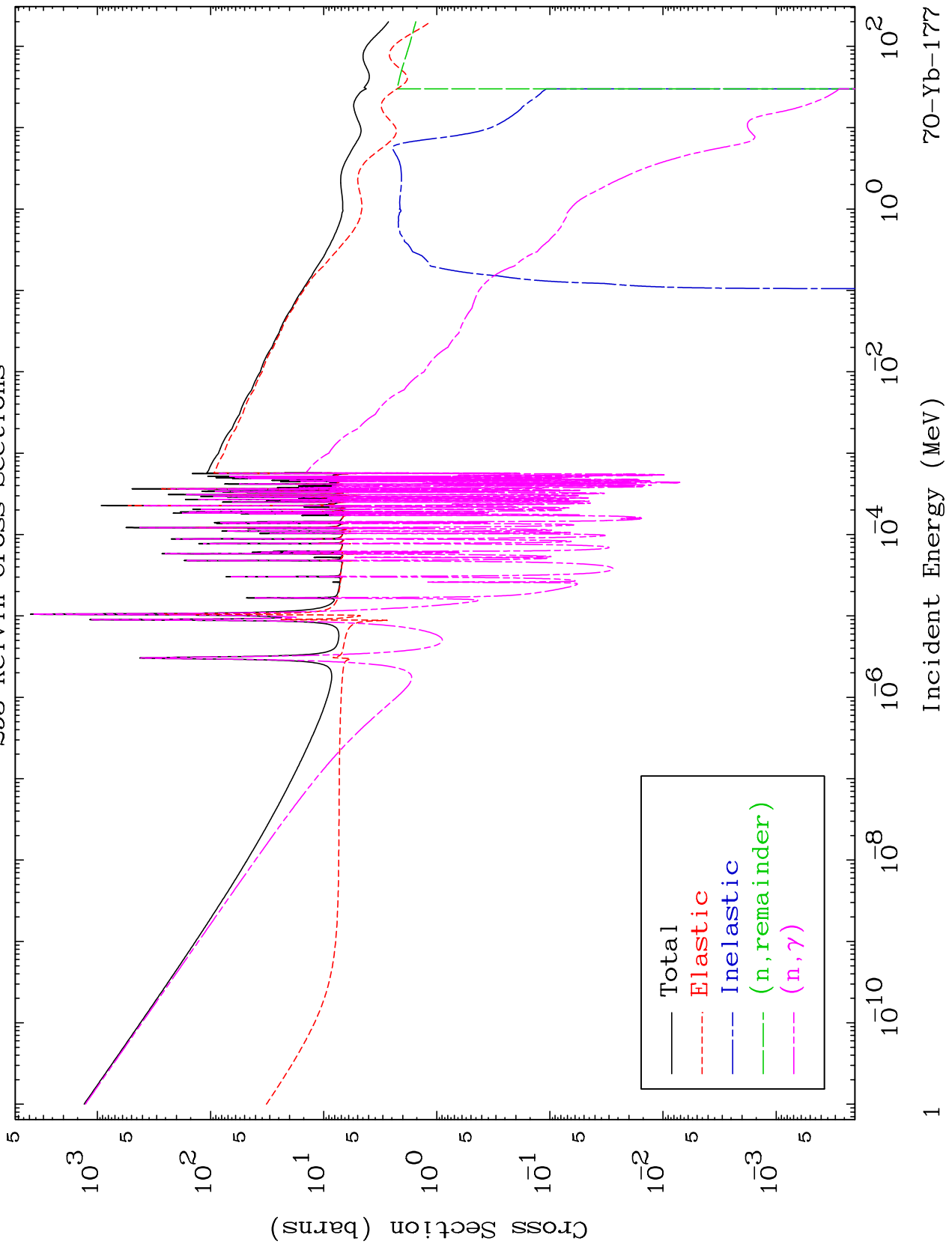
Press Mouse Button to Start

MAT 7052

Major

293 Kelvin Cross Sections

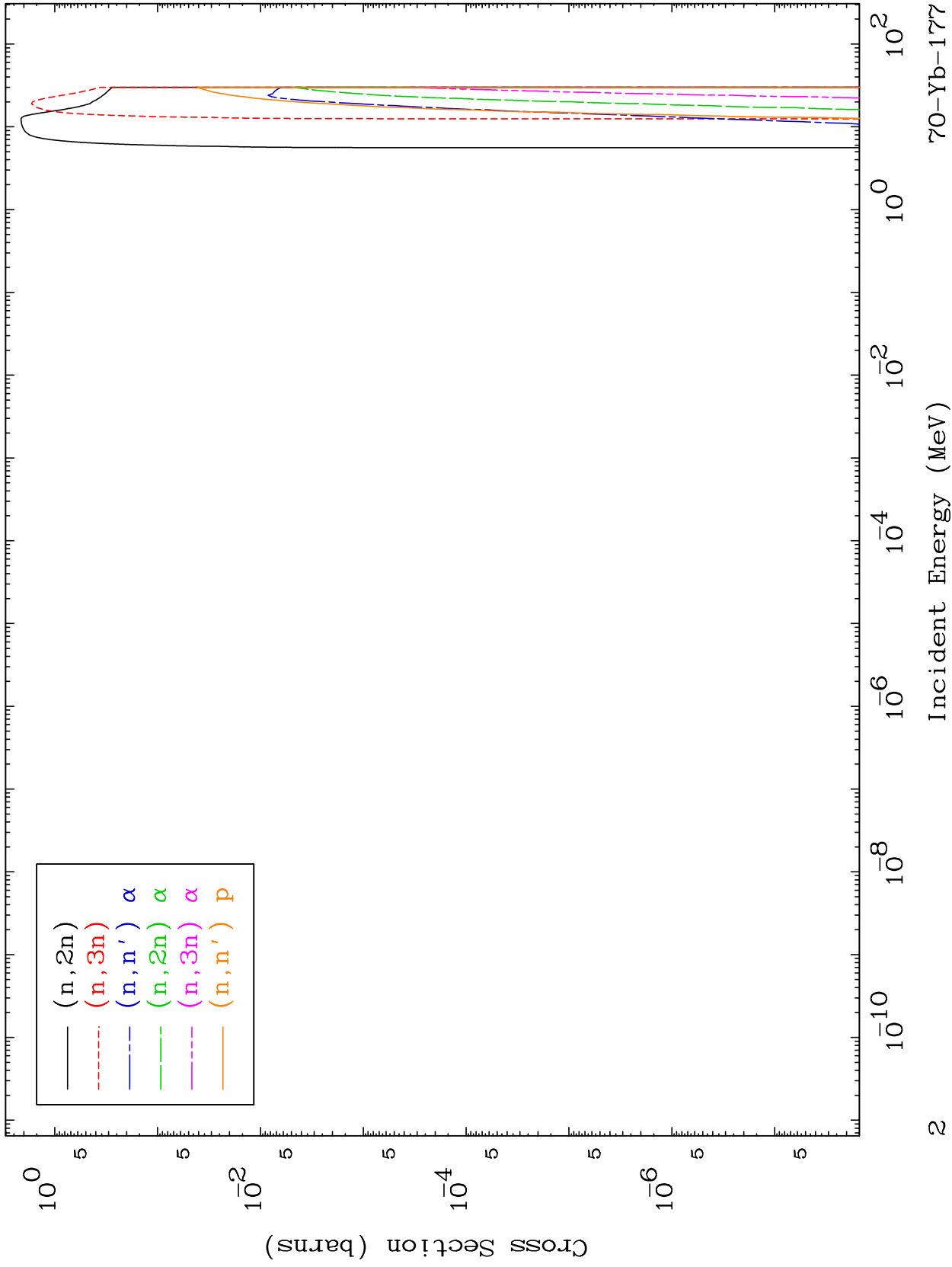
70-Yb-177

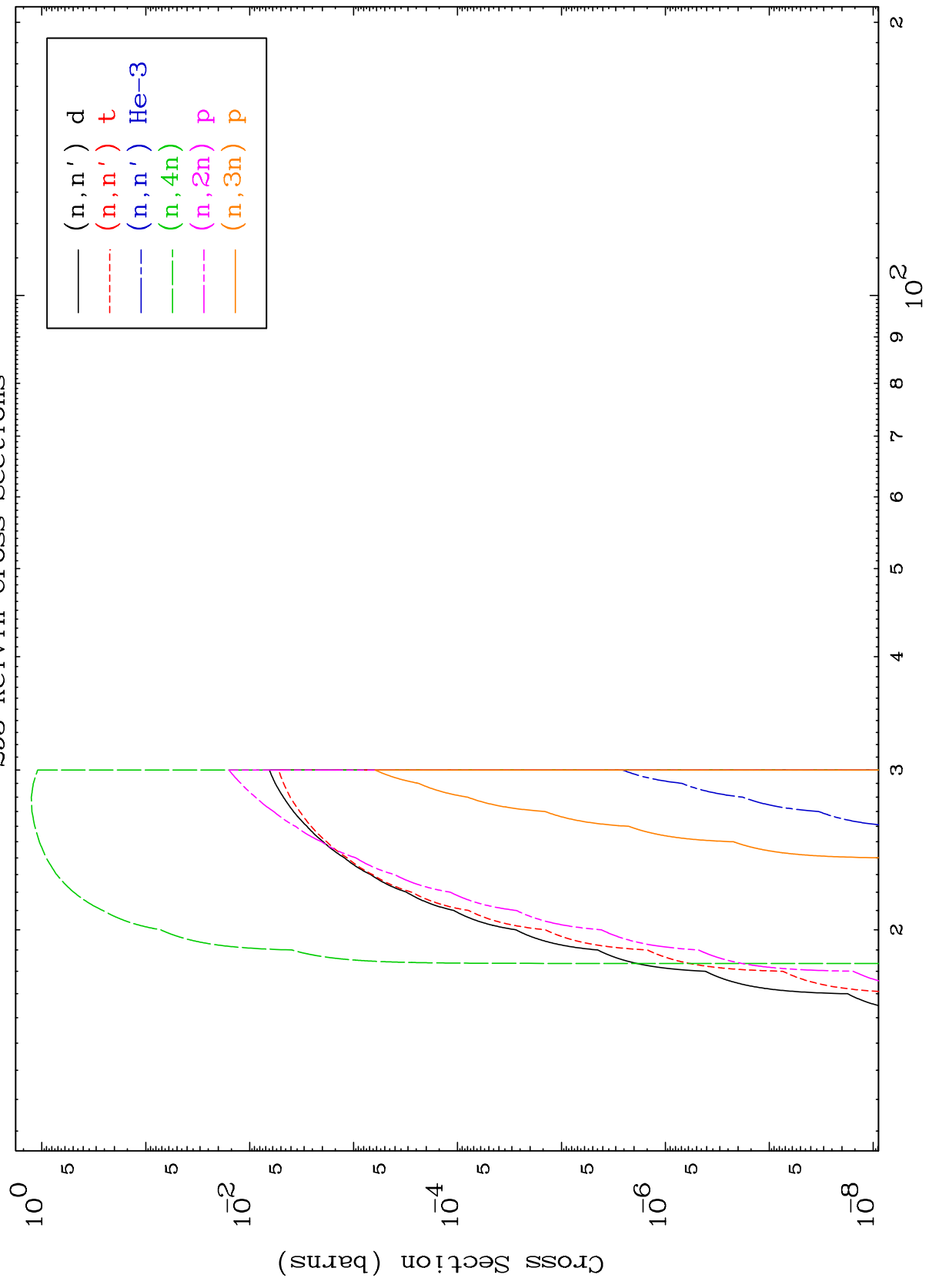


MAT 7052

Neutron Production
293 Kelvin Cross Sections

70-Yb-177

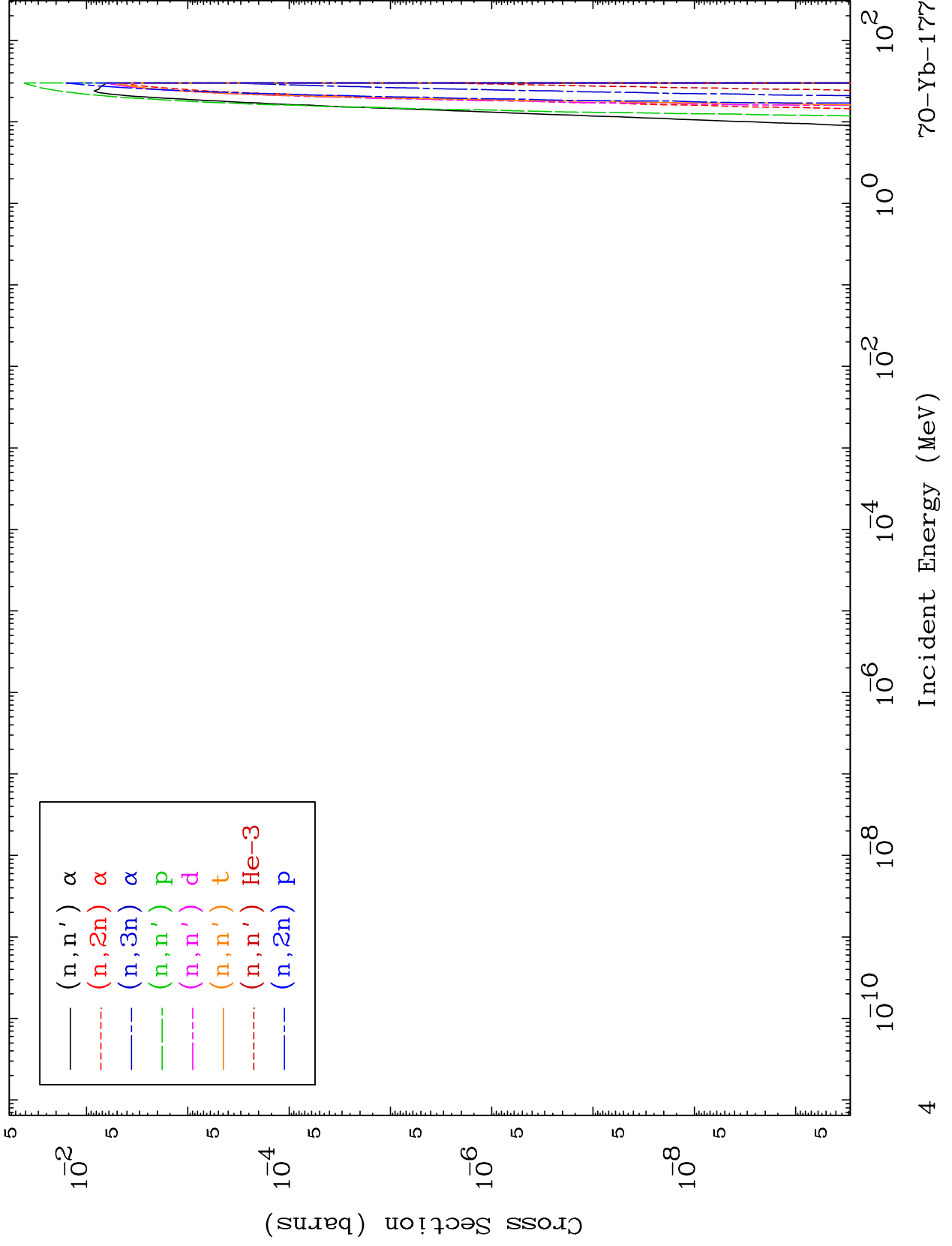




MAT 7052

Charged Particle
293 Kelvin Cross Sections

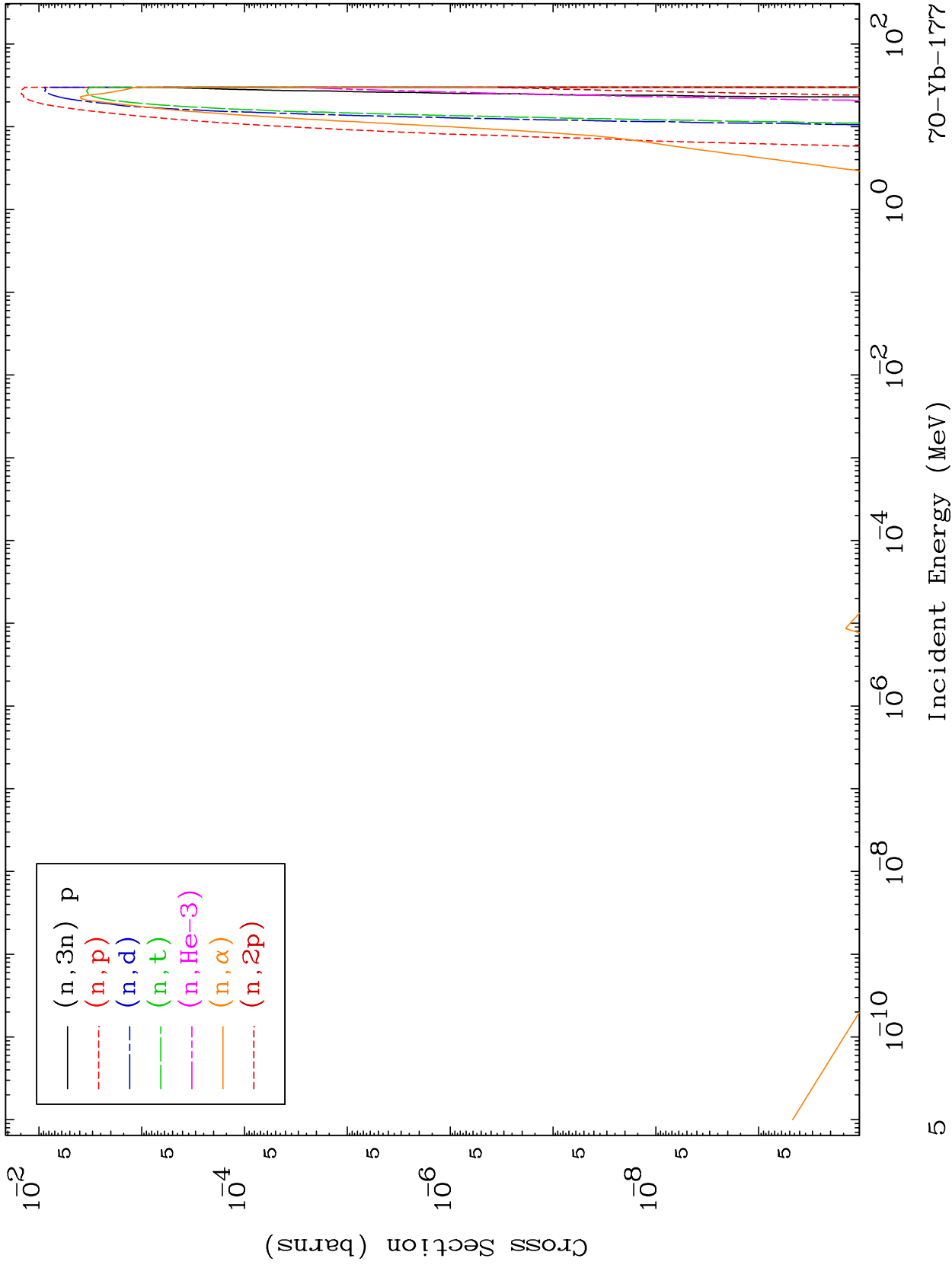
70-Yb-177

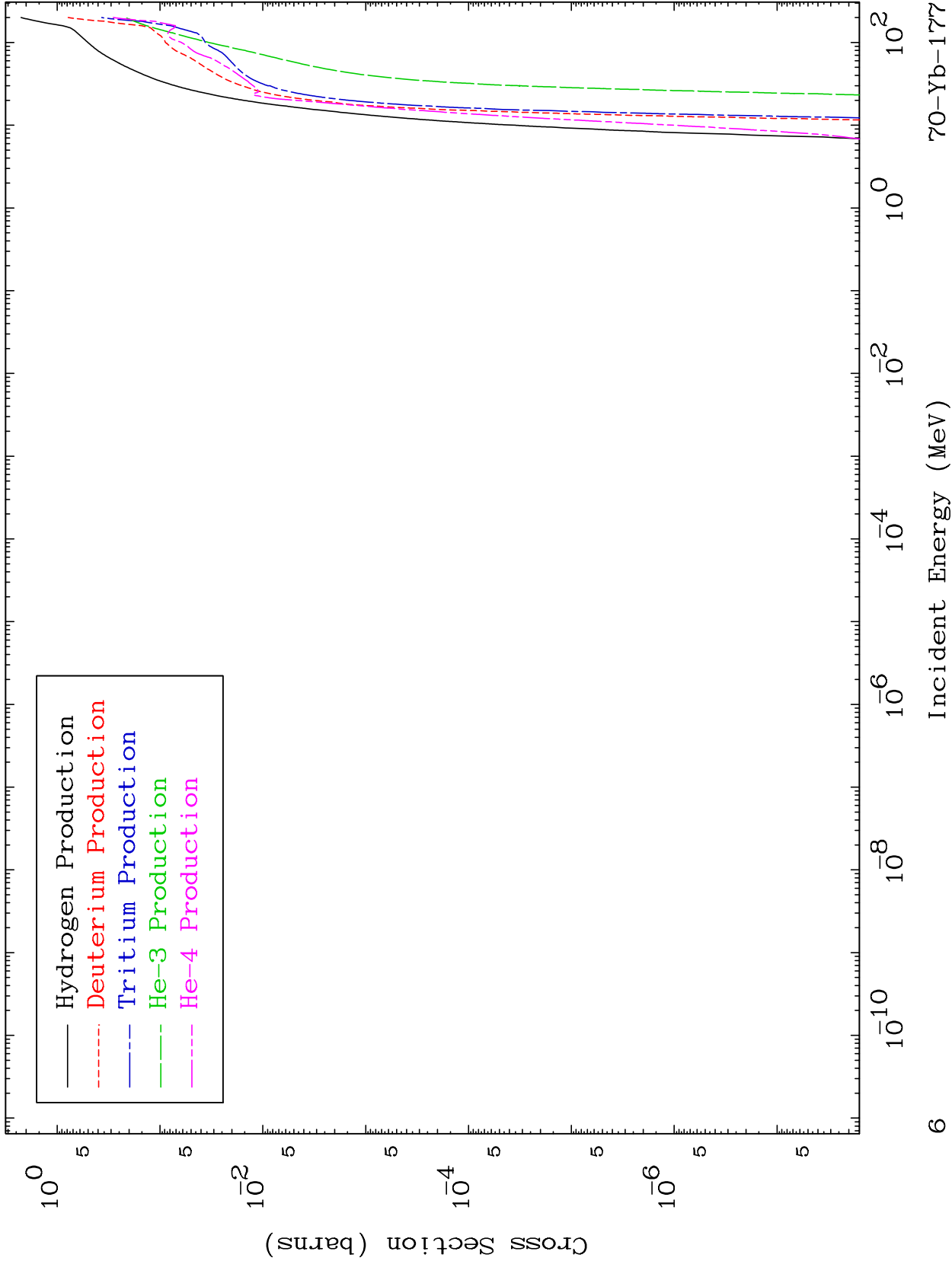


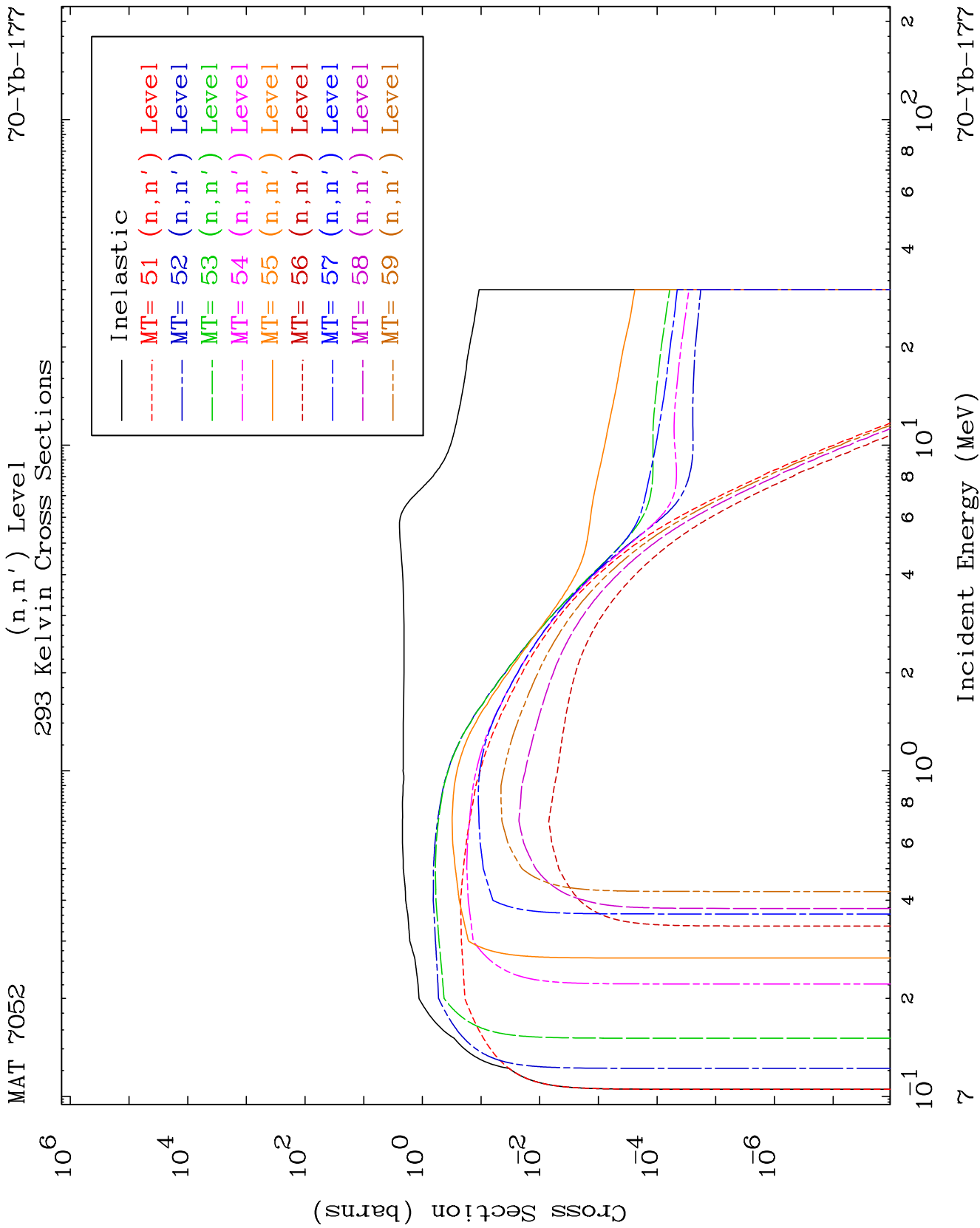
MAT 7052

Charged Particle
293 Kelvin Cross Sections

70-Yb-177





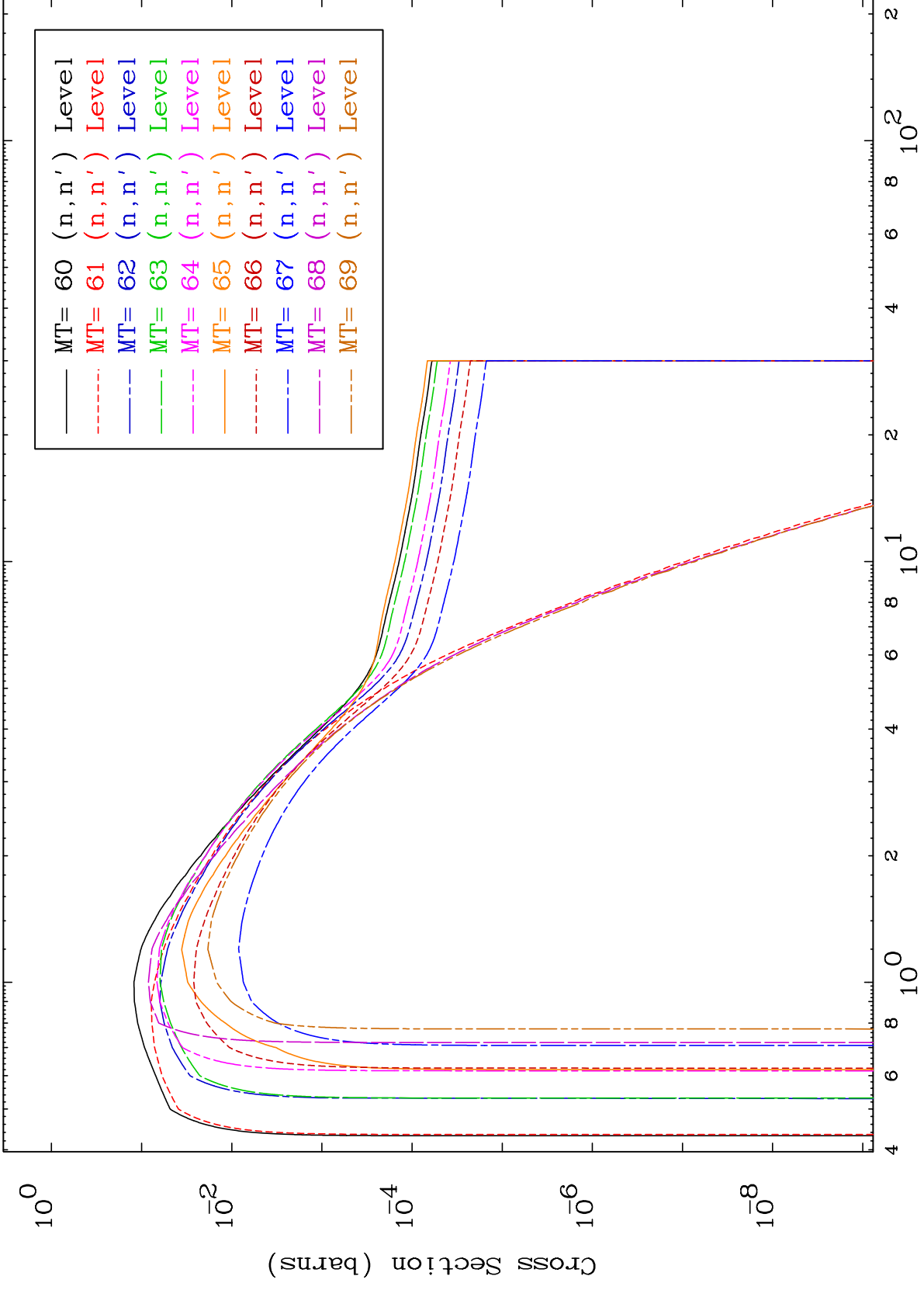


MAT 7052

(n,n') Level

293 Kelvin Cross Sections

70-Yb-177



8

Incident Energy (MeV)

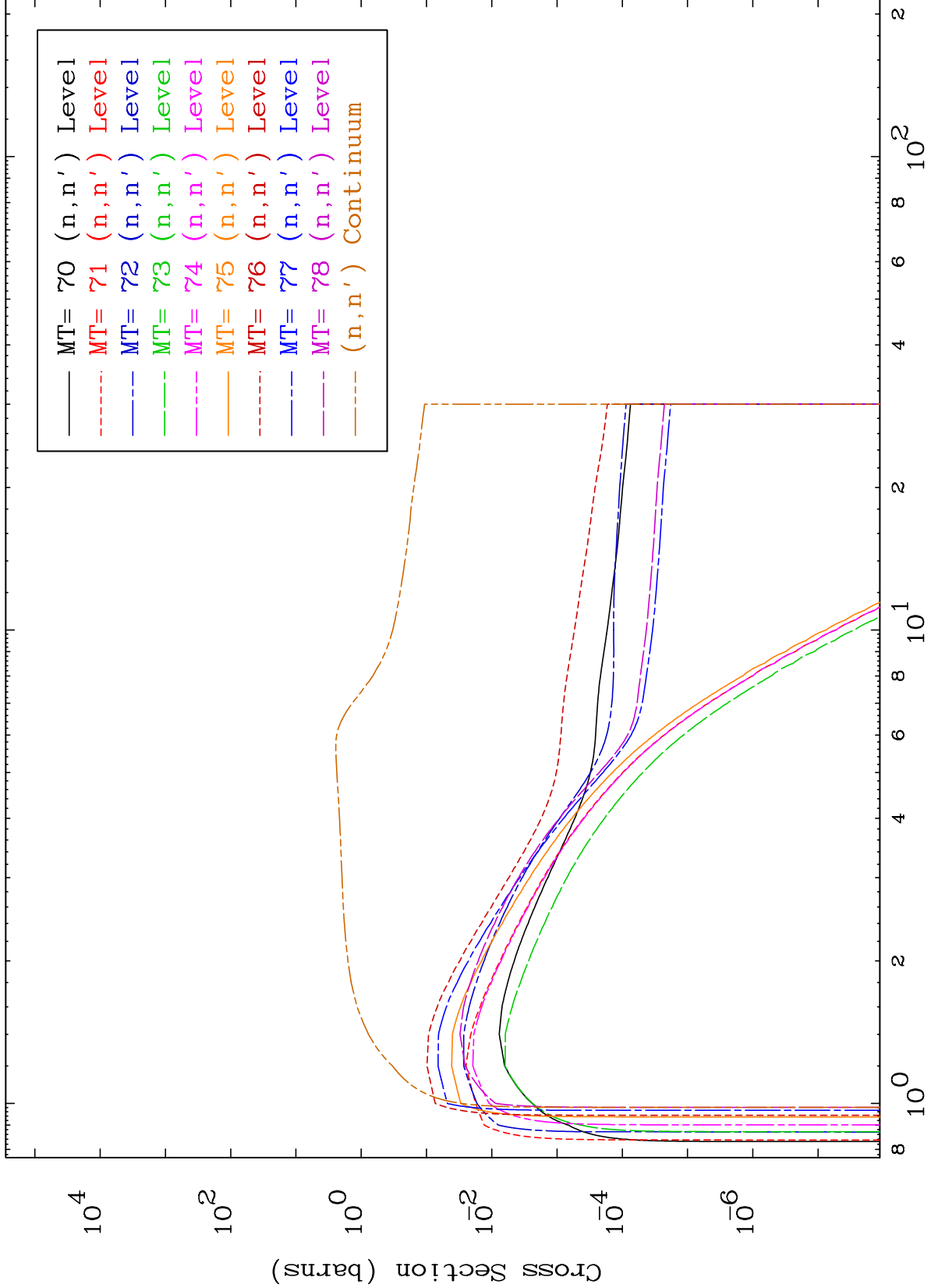
70-Yb-177

MAT 7052

(n,n') Level

70-Yb-177

293 Kelvin Cross Sections



Incident Energy (MeV)

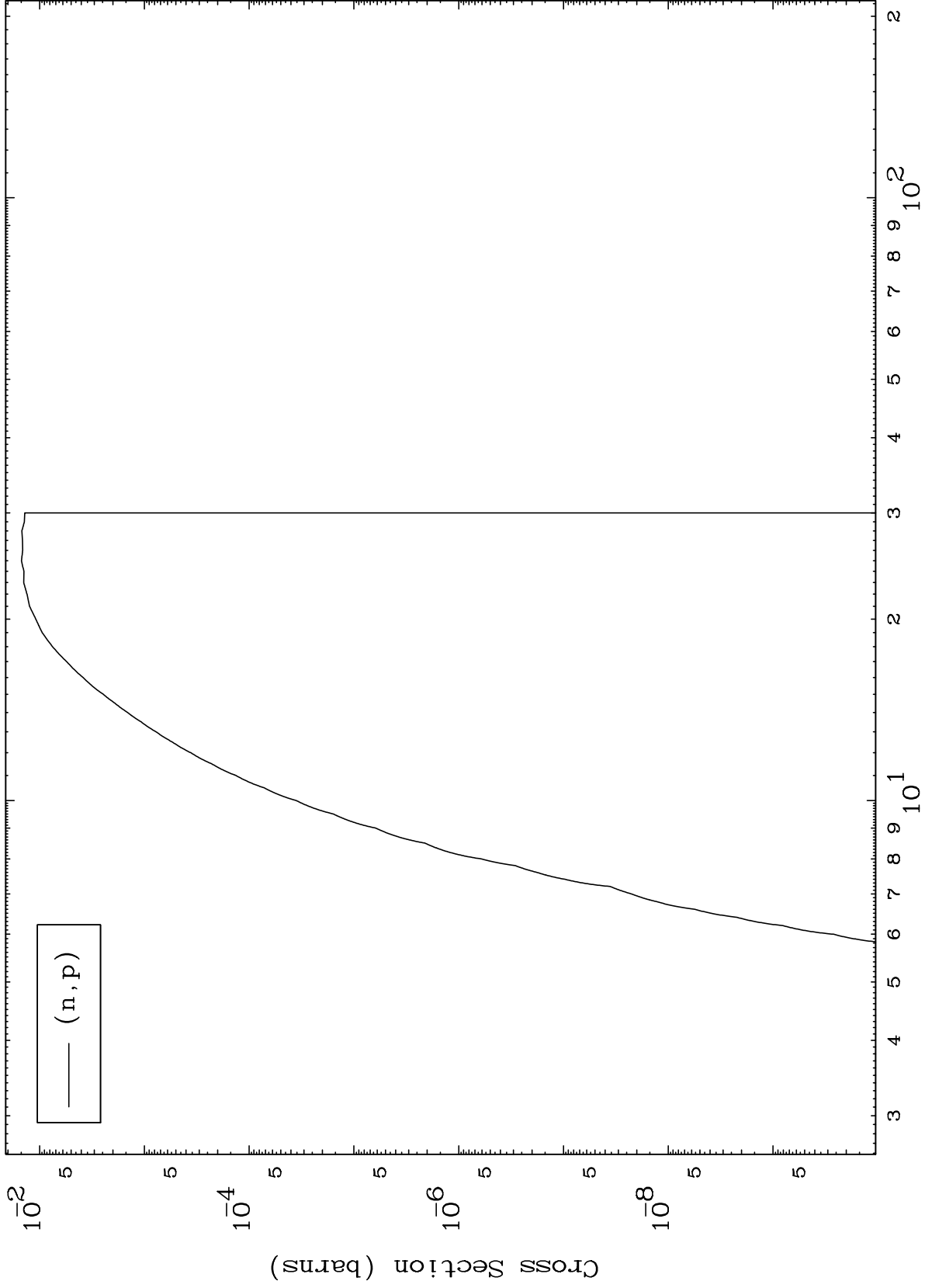
70-Yb-177

9

MAT 7052

(n,p) Levels
293 Kelvin Cross Sections

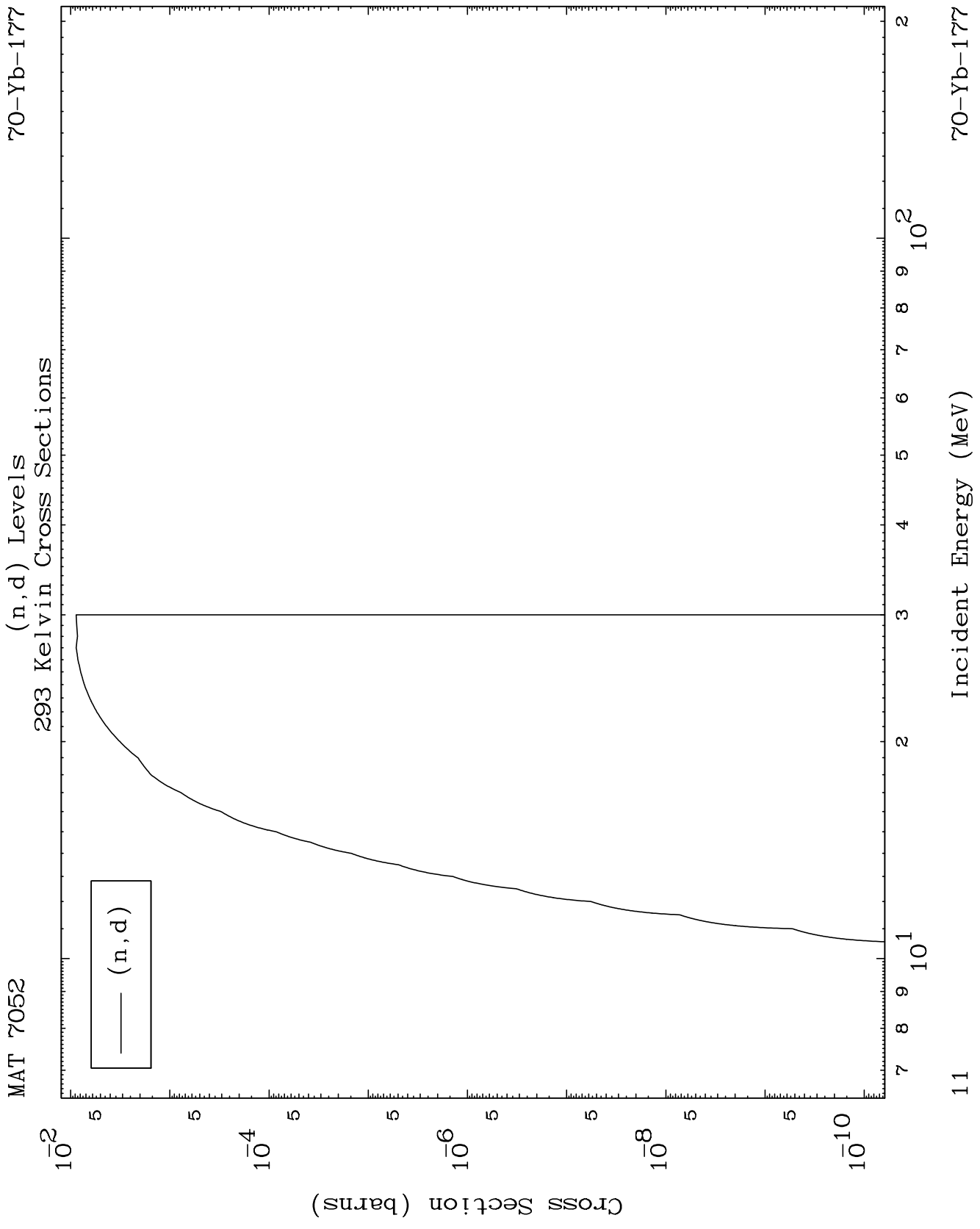
70-Yb-177



10

Incident Energy (MeV)

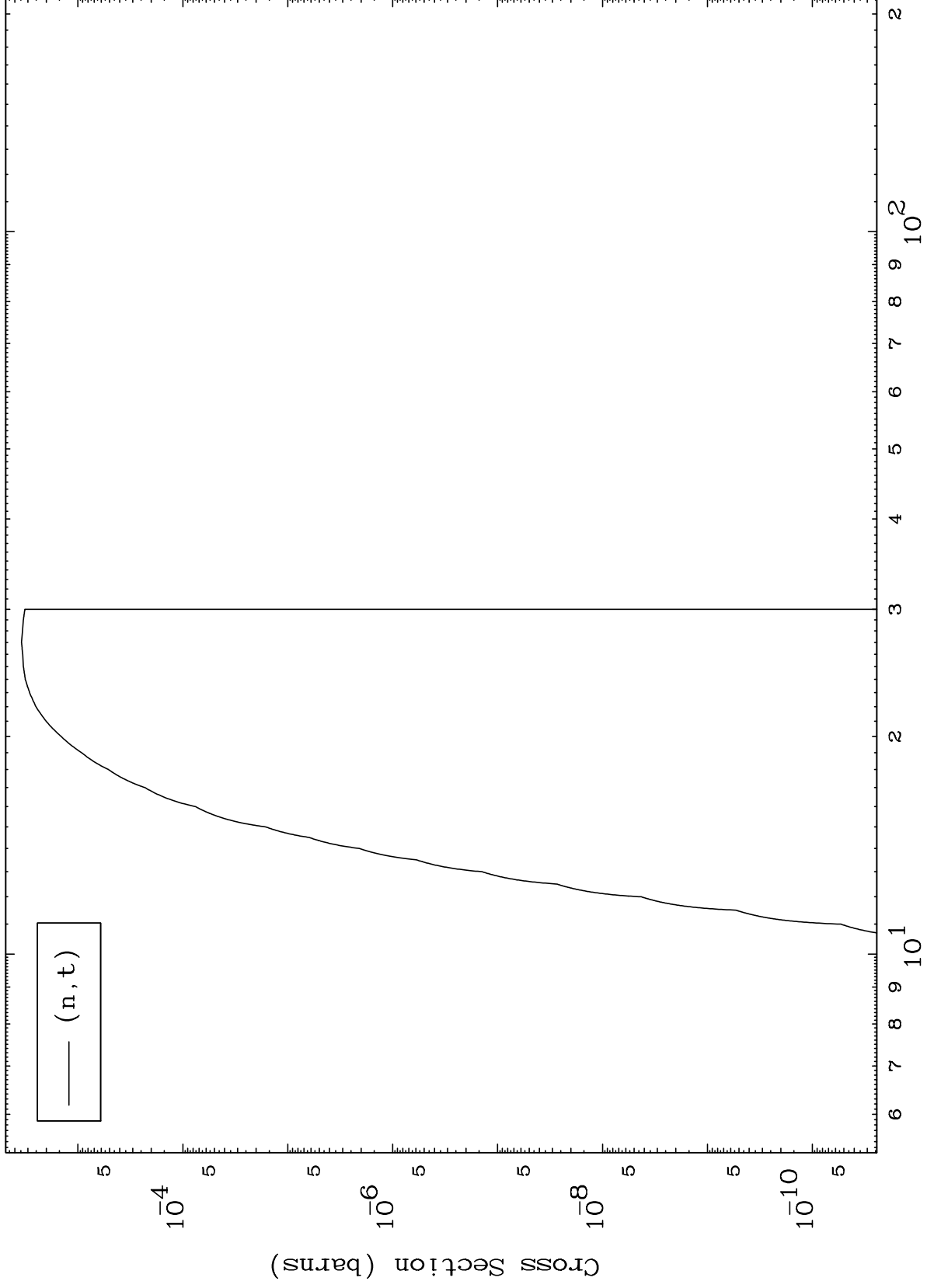
70-Yb-177



MAT 7052

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-177



12

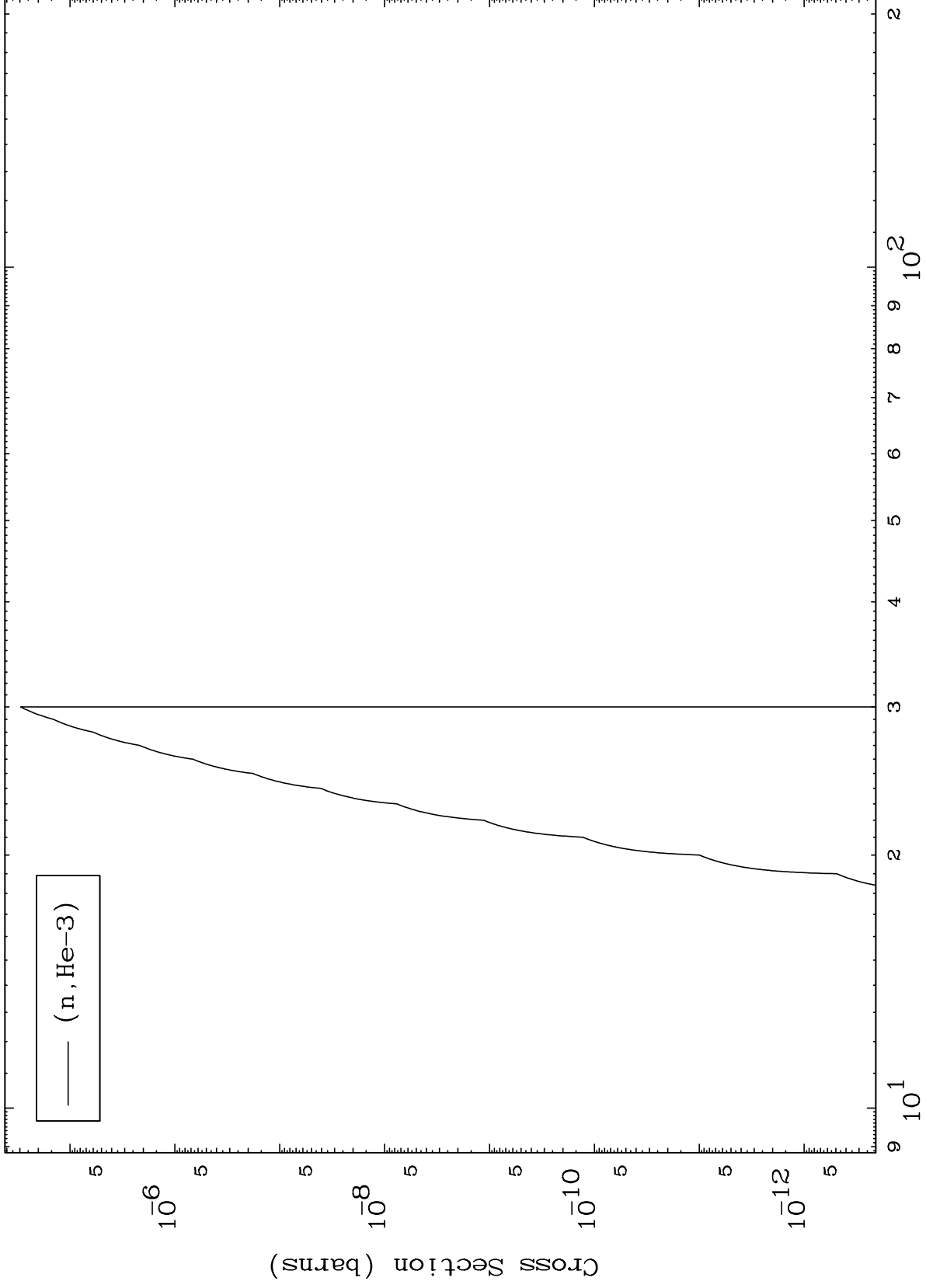
Incident Energy (MeV)

70-Yb-177

MAT 7052

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-177



13

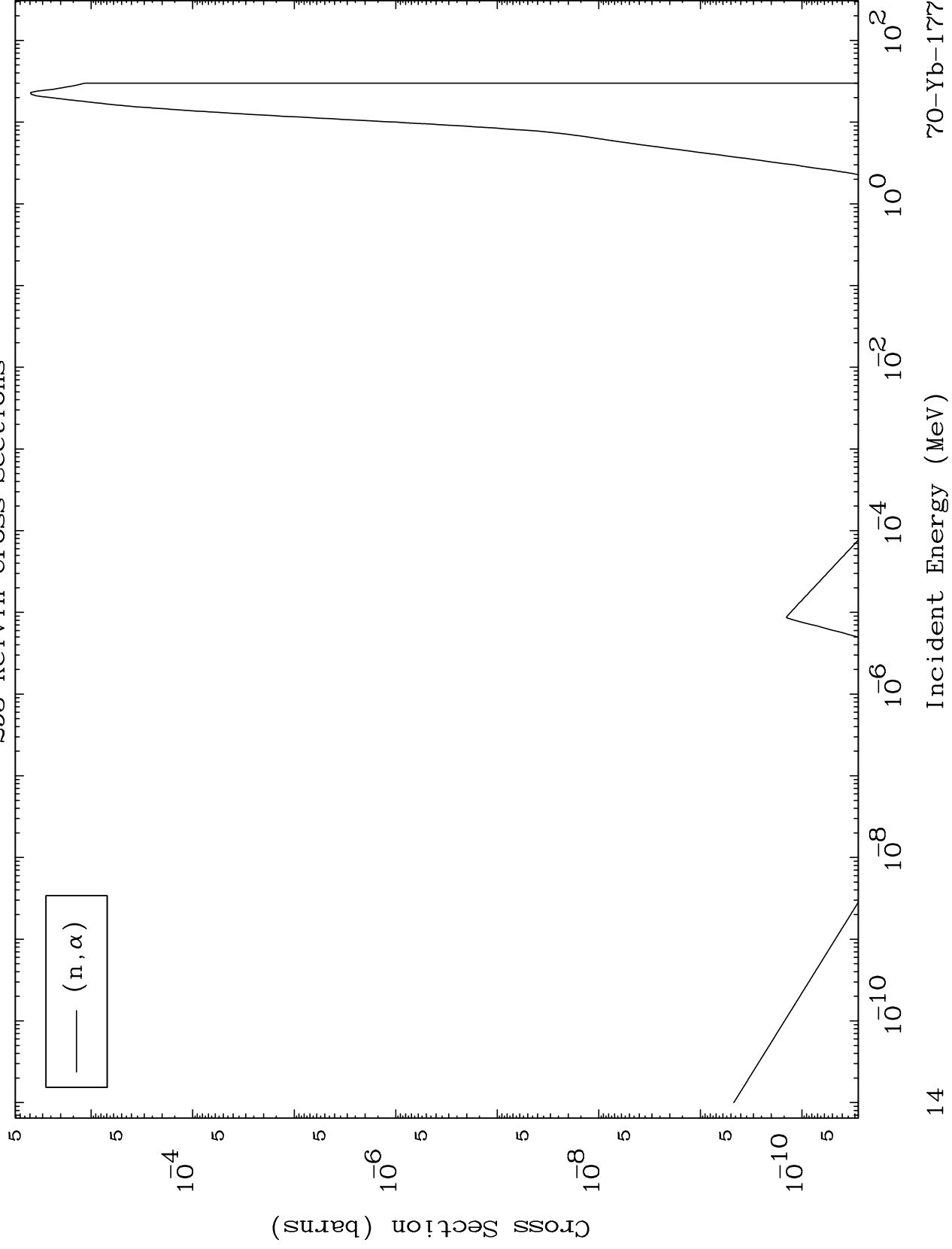
Incident Energy (MeV)

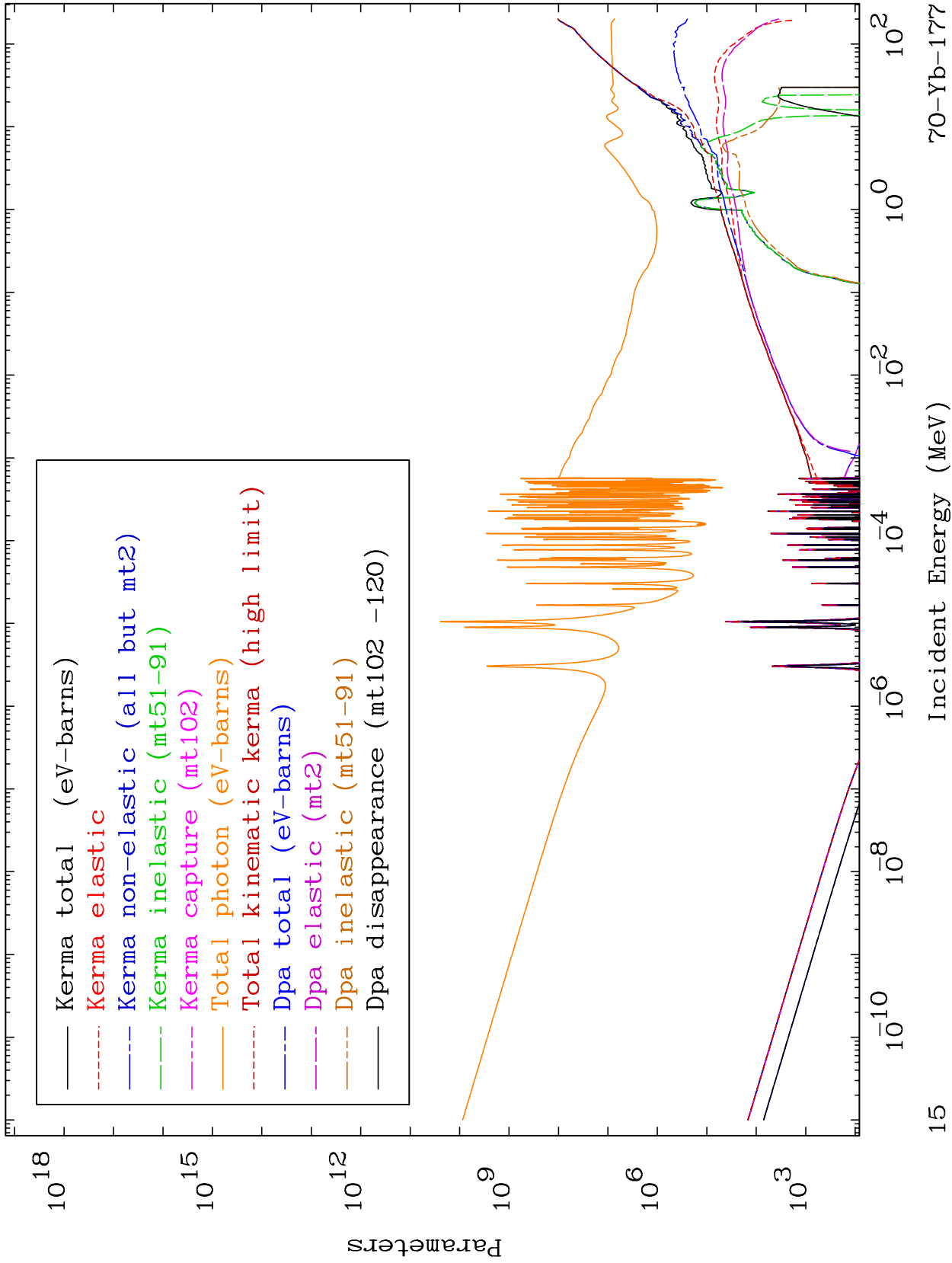
70-Yb-177

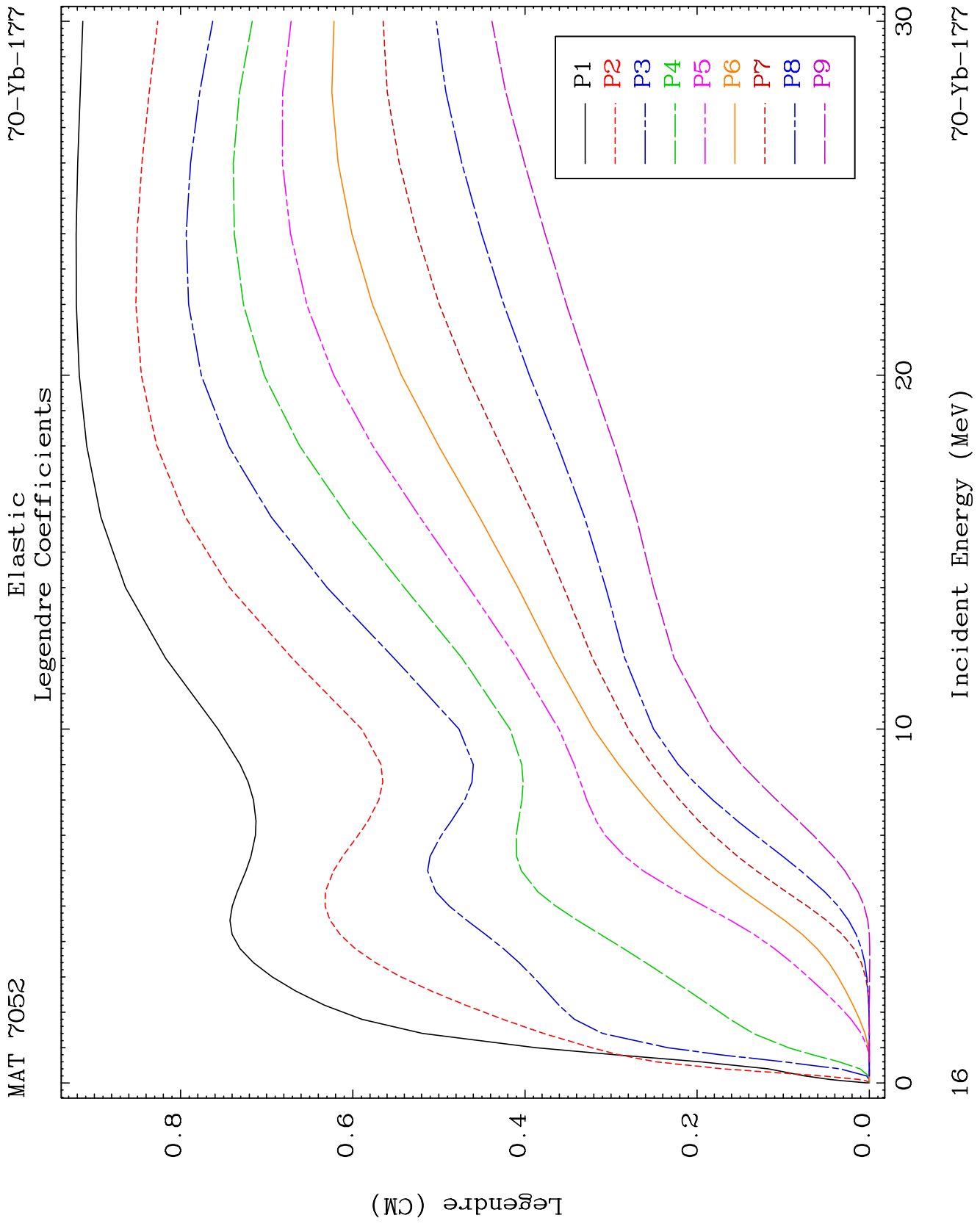
MAT 7052

(n, α) Levels
293 Kelvin Cross Sections

70-Yb-177



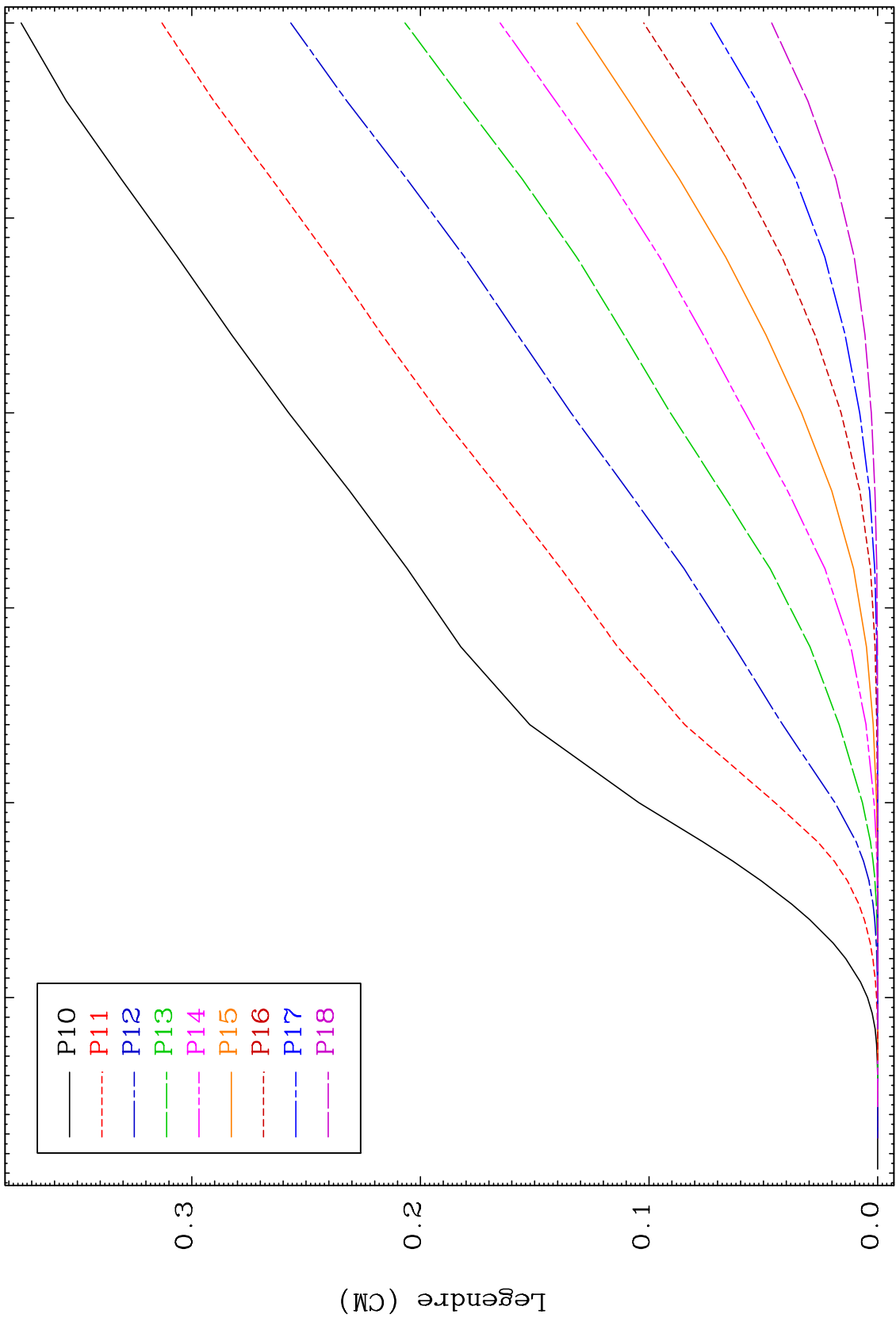




MAT 7052

Elastic
Legendre Coefficients

70-Yb-177



17

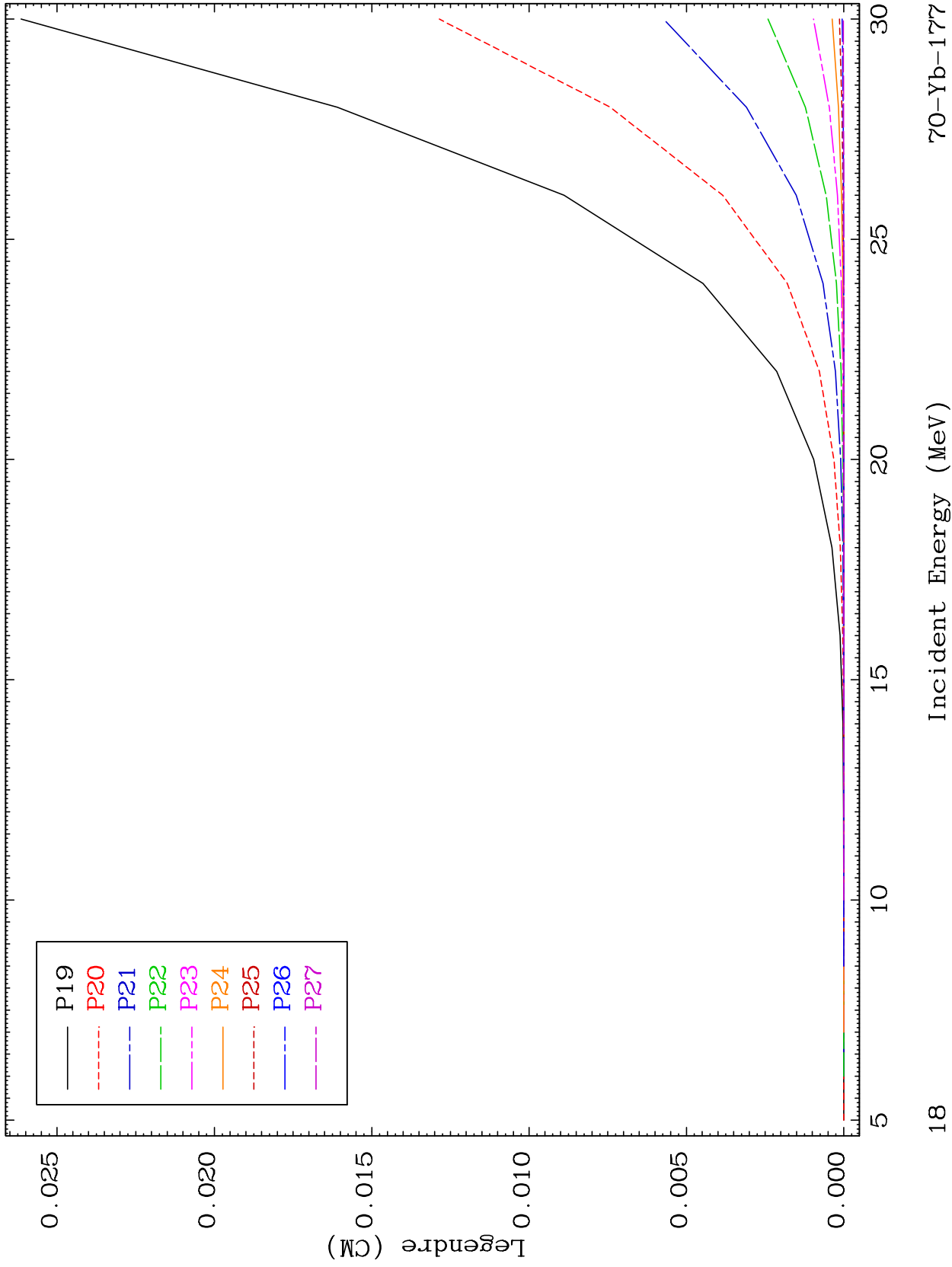
Incident Energy (MeV)

70-Yb-177

MAT 7052

Elastic
Legendre Coefficients

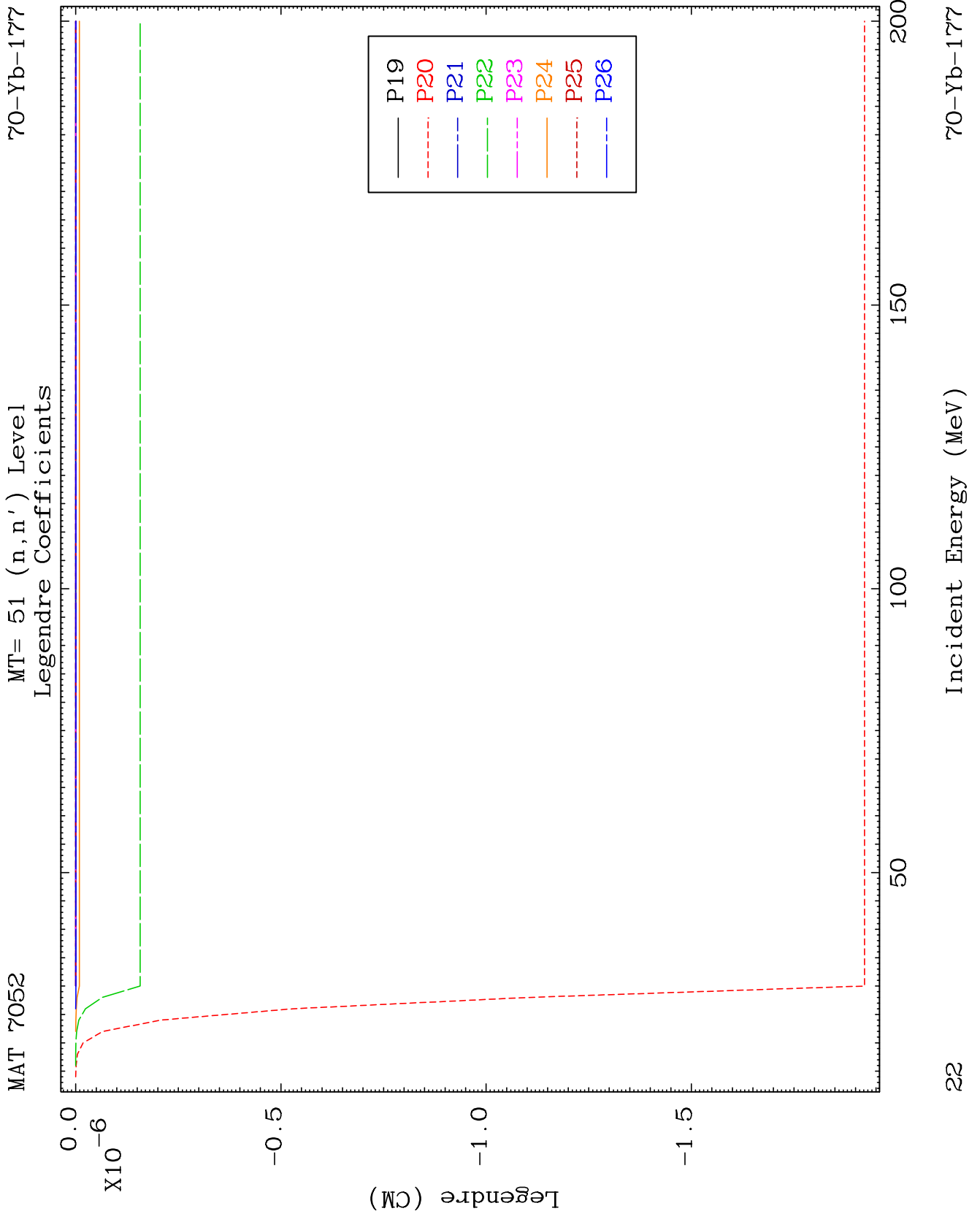
70-Yb-177



18

Incident Energy (MeV)

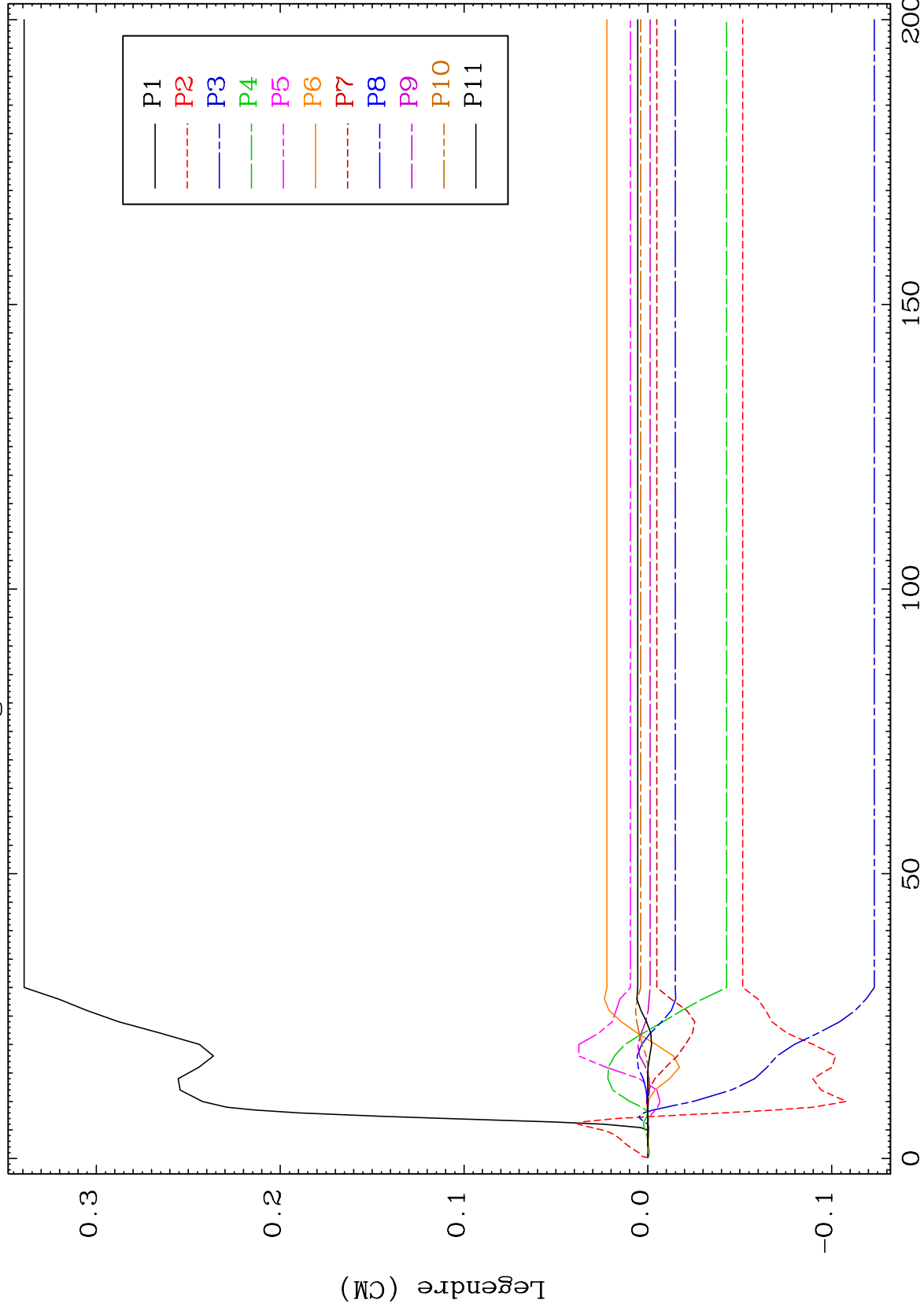
70-Yb-177



MAT 7052

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

70-Yb-177



23

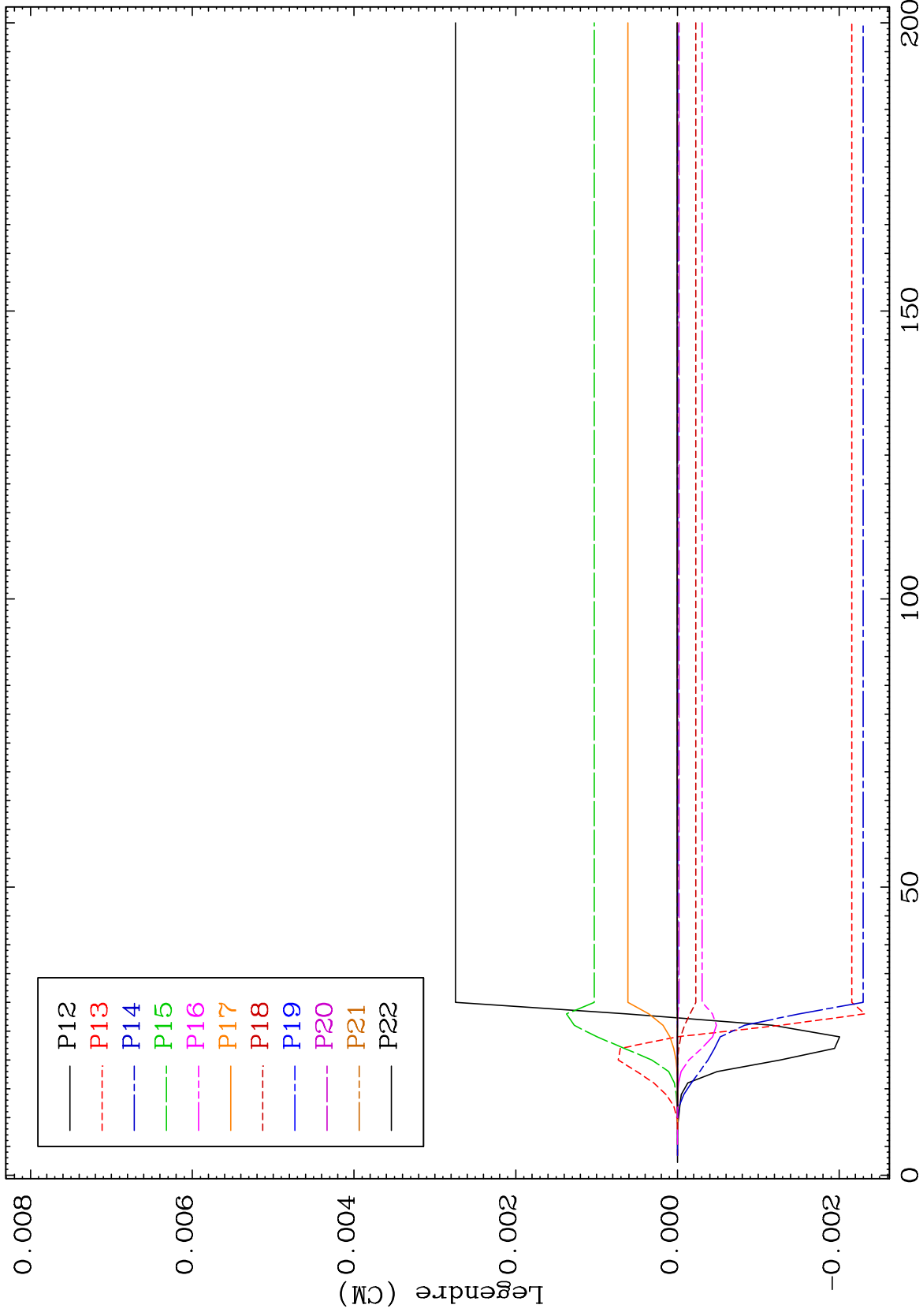
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



24

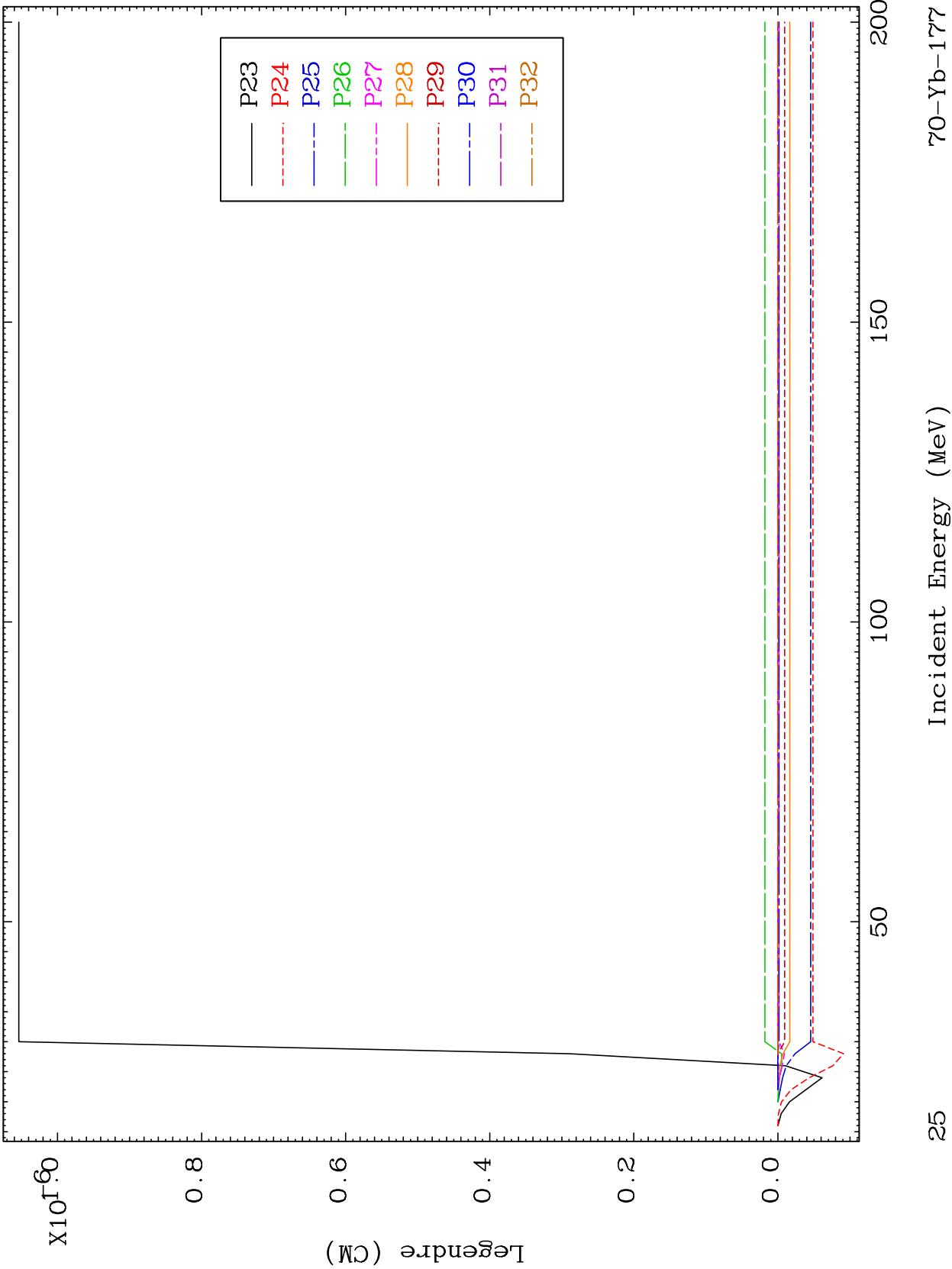
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



70-Yb-177

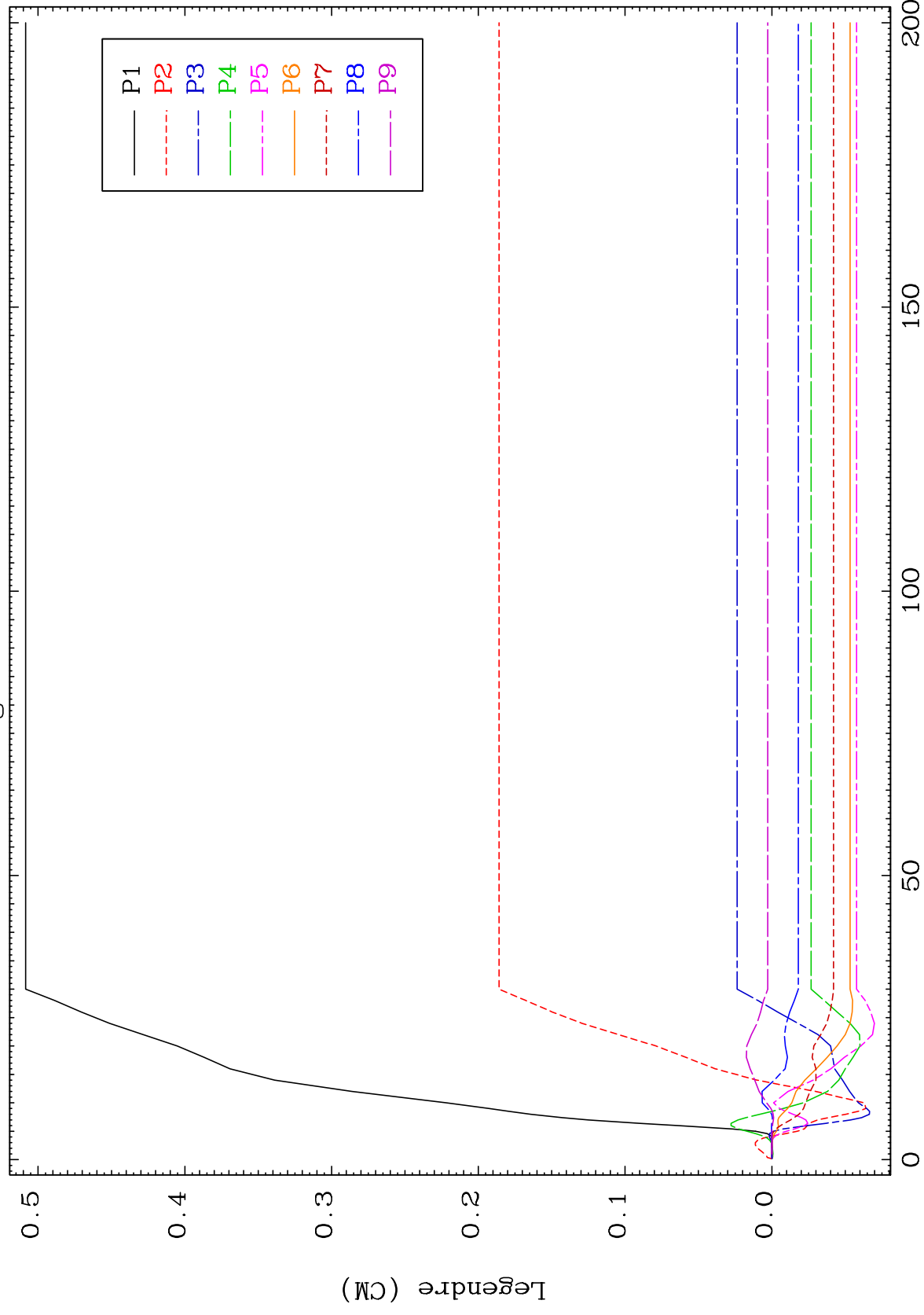
Incident Energy (MeV)

25

MAT 7052

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

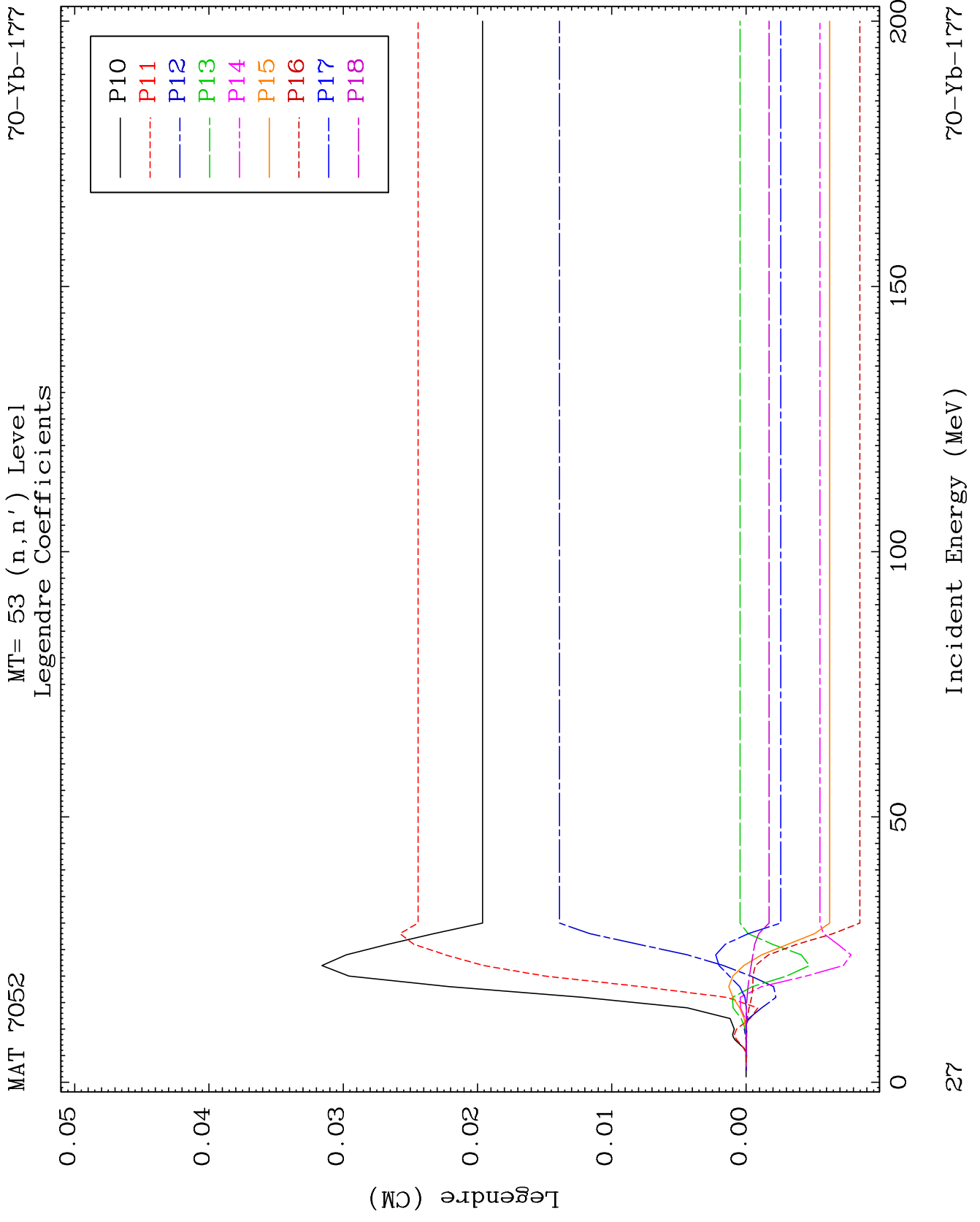
70-Yb-177



26

Incident Energy (MeV)

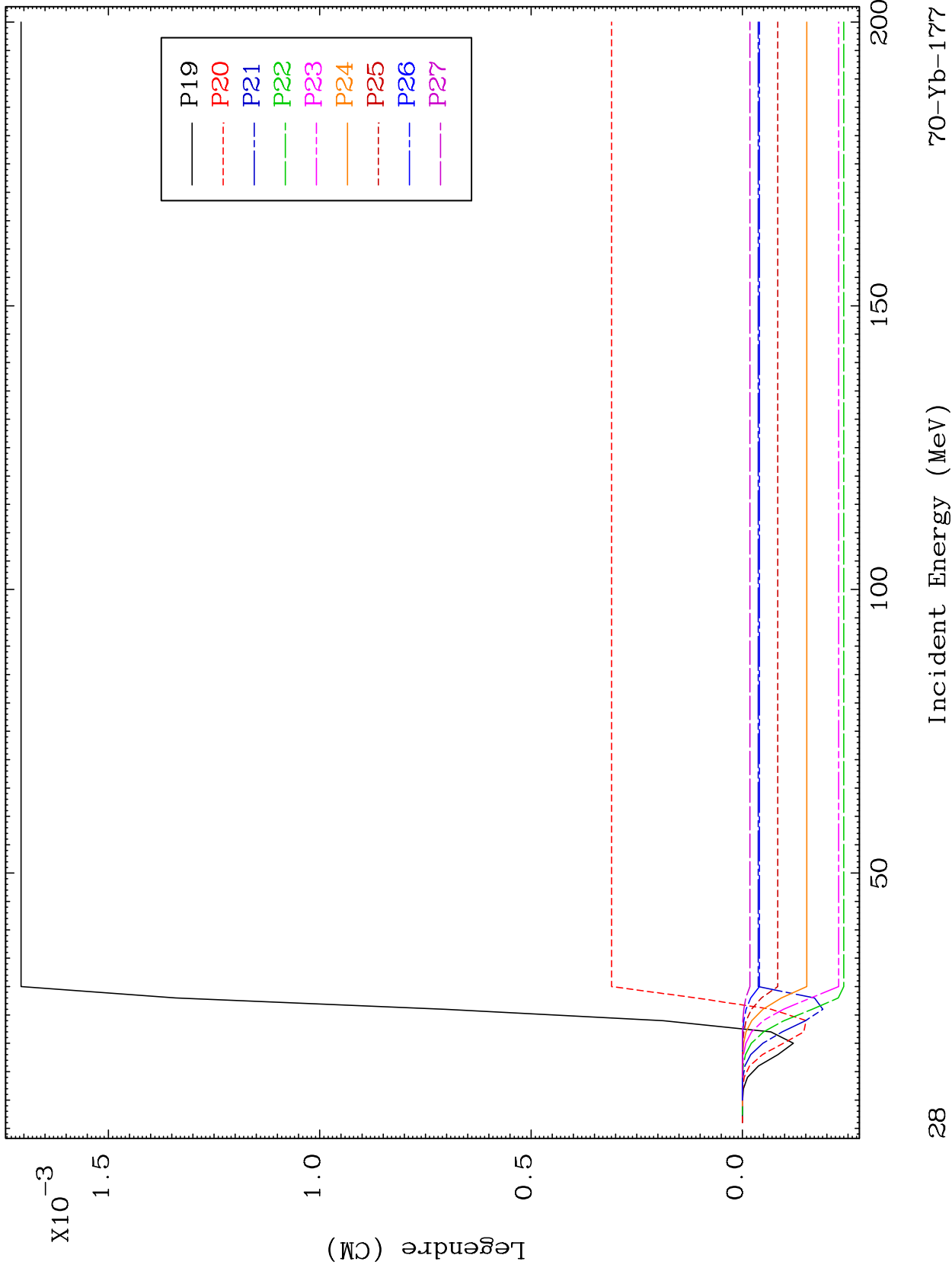
70-Yb-177



MAT 7052

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

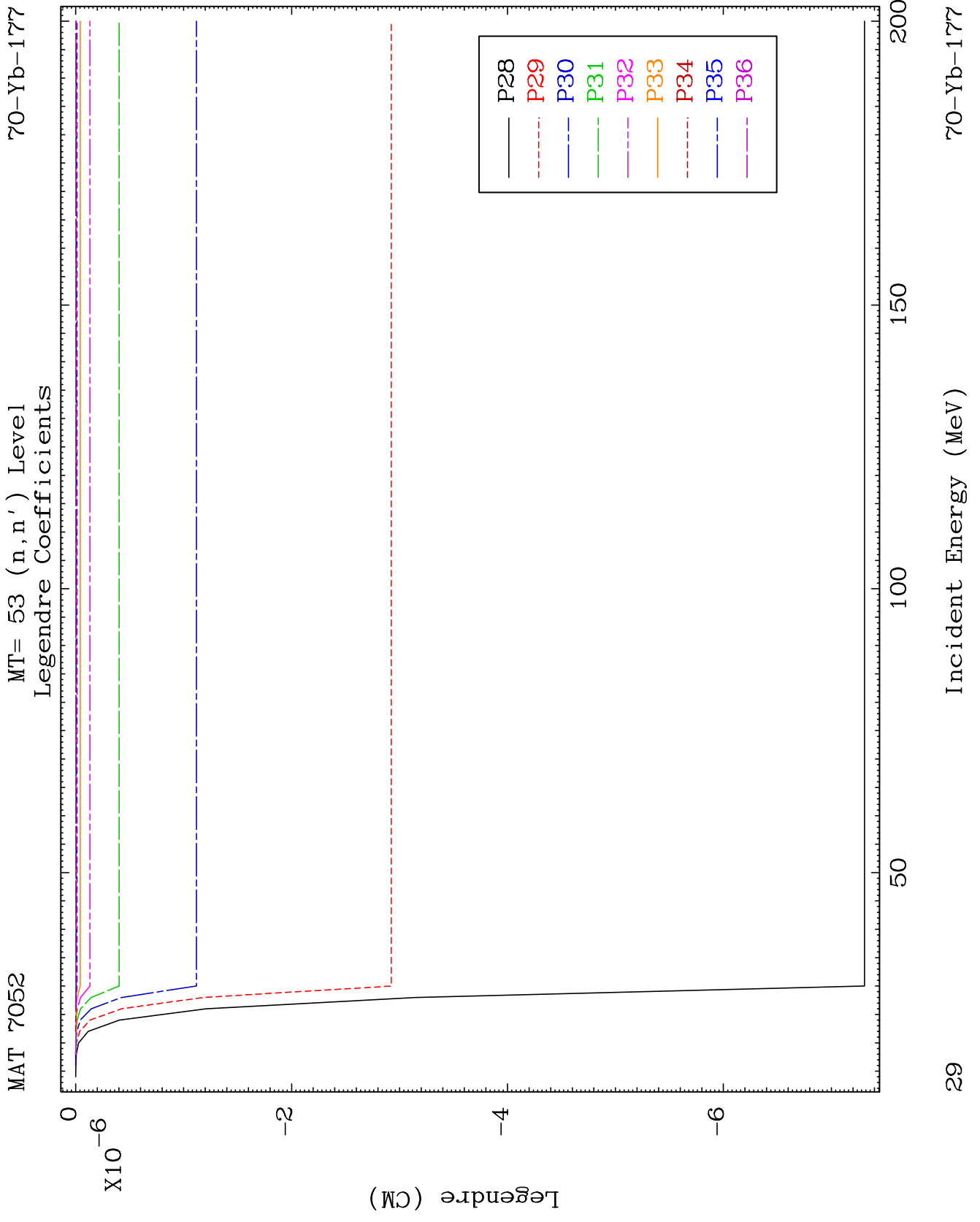
70-Yb-177



28

Incident Energy (MeV)

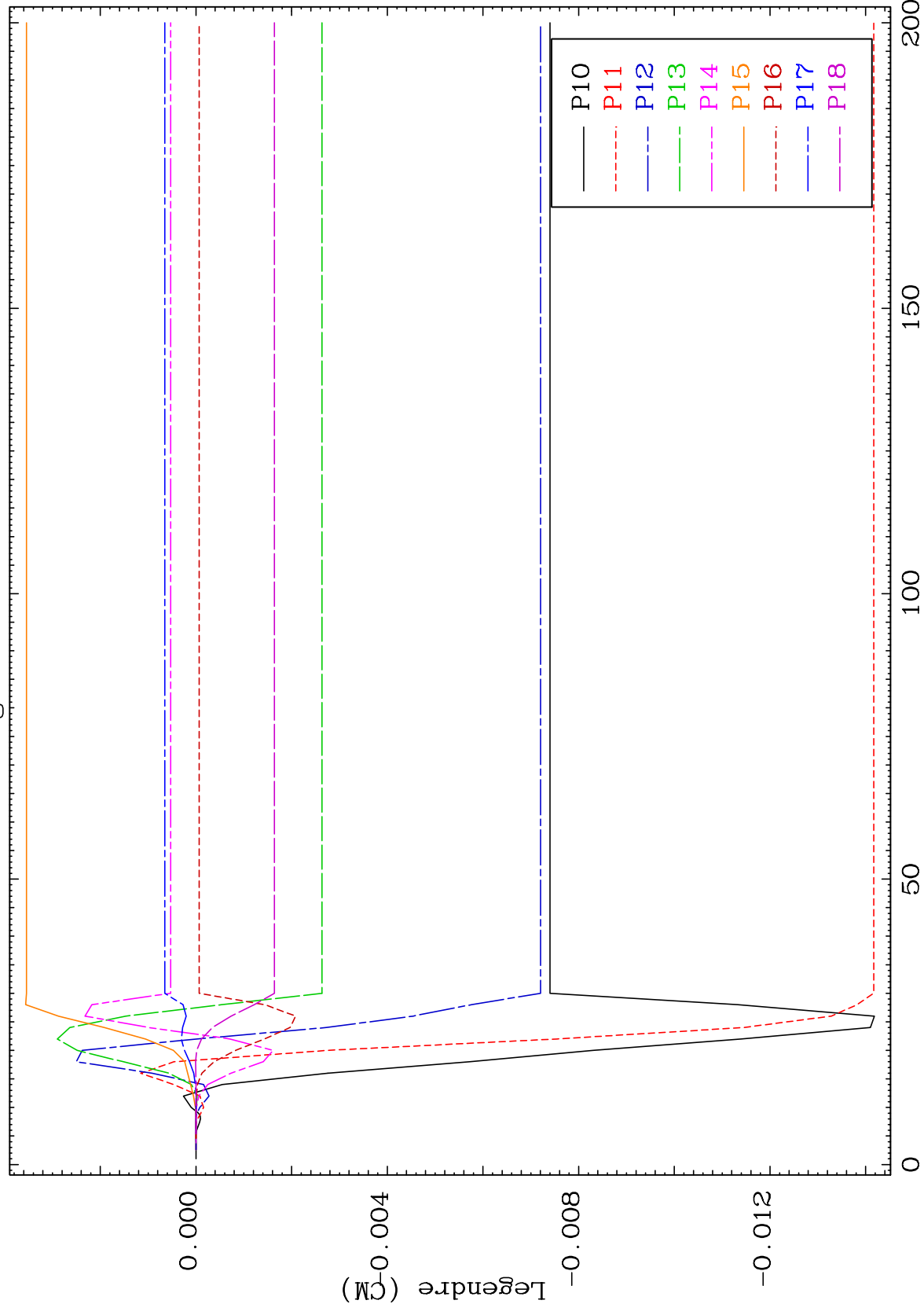
70-Yb-177



MAT 7052

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

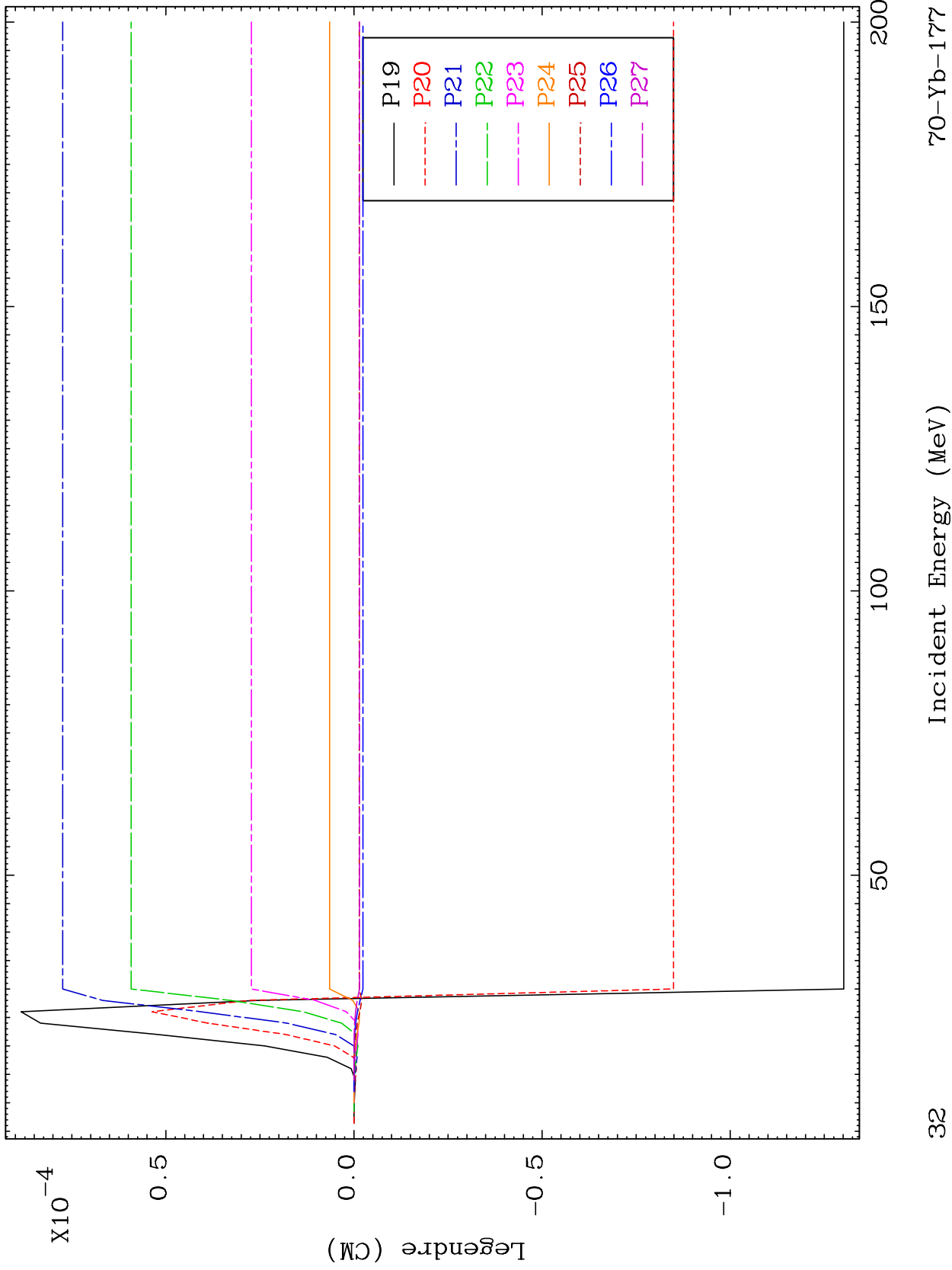
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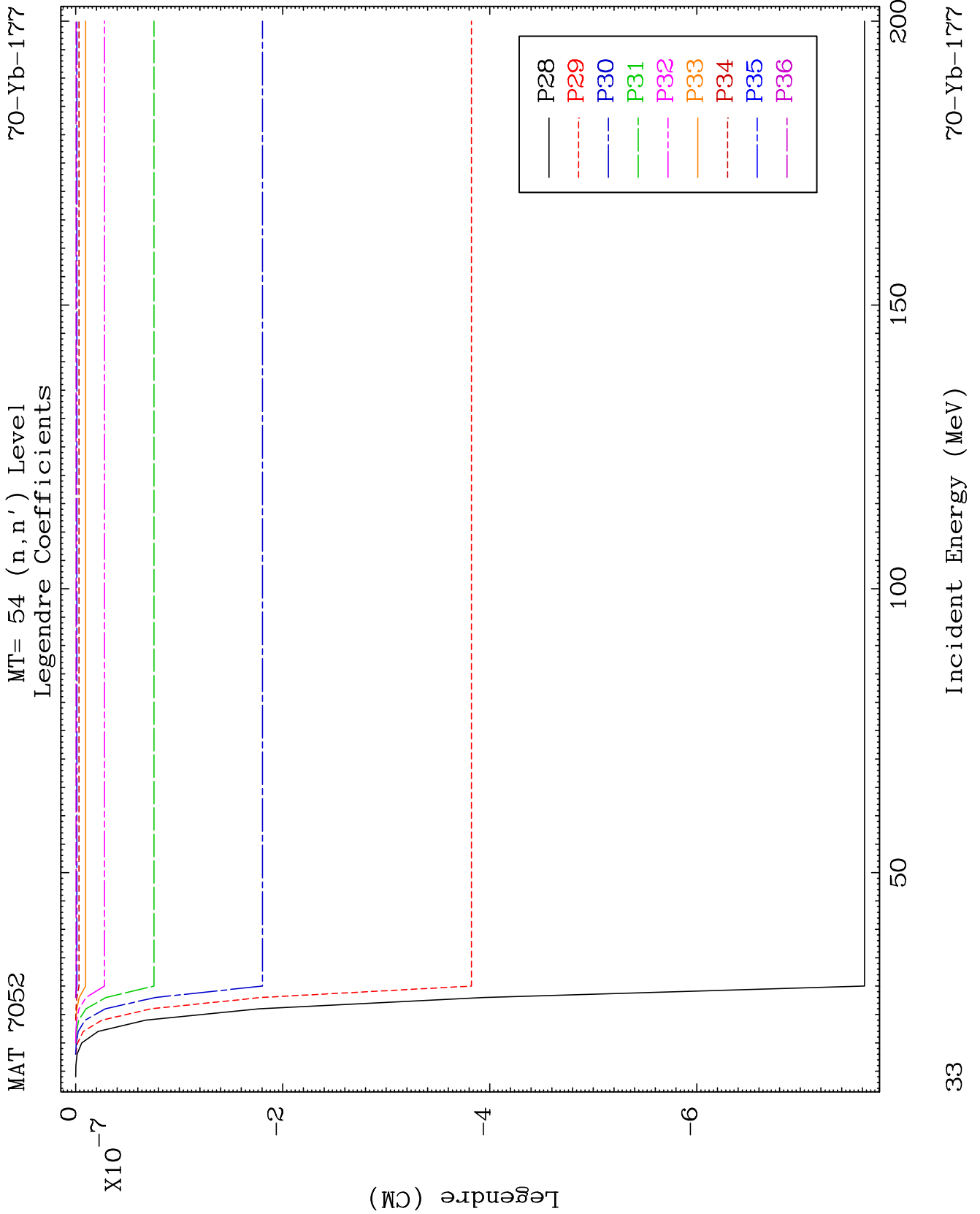


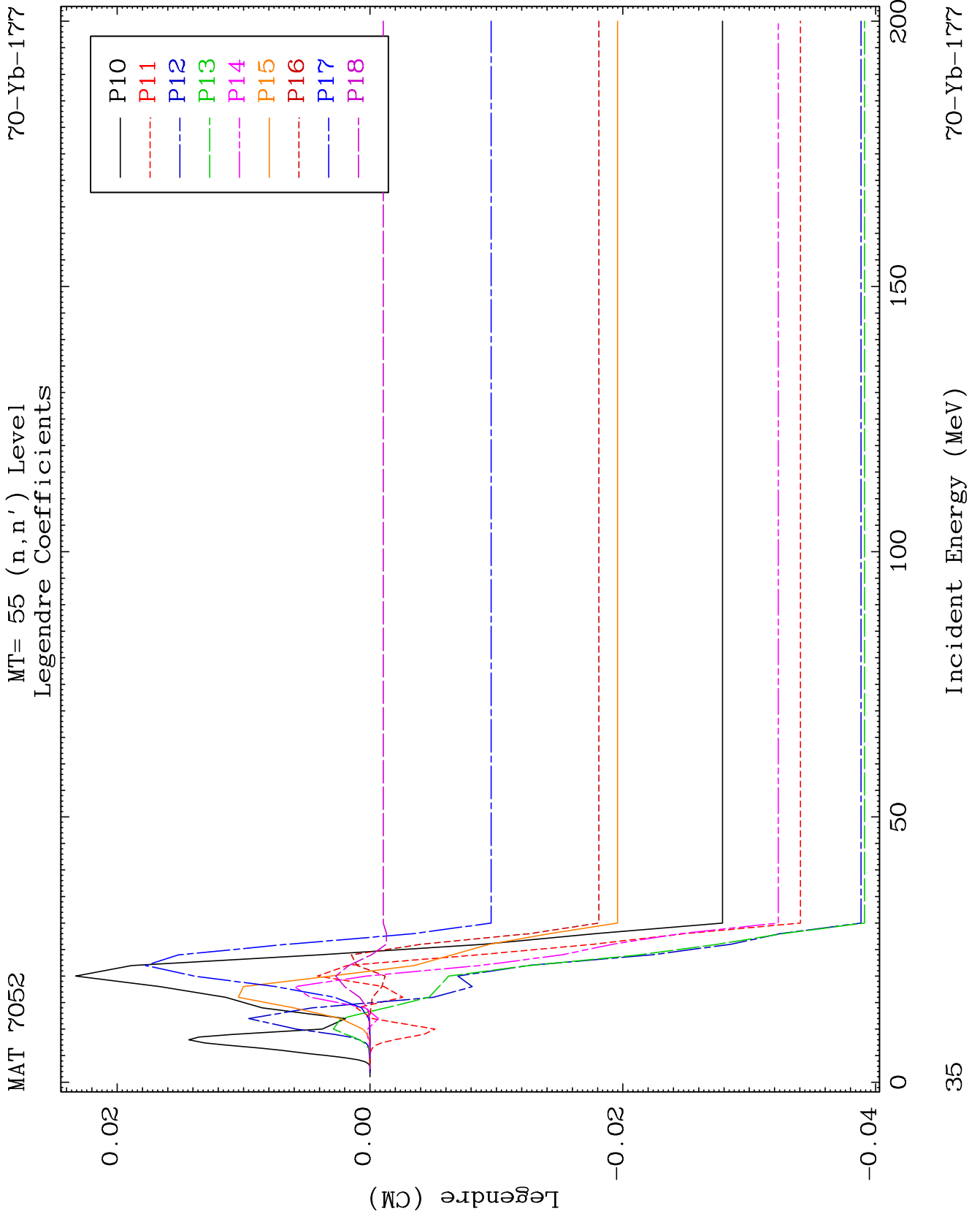
31

Incident Energy (MeV)

70-Yb-177



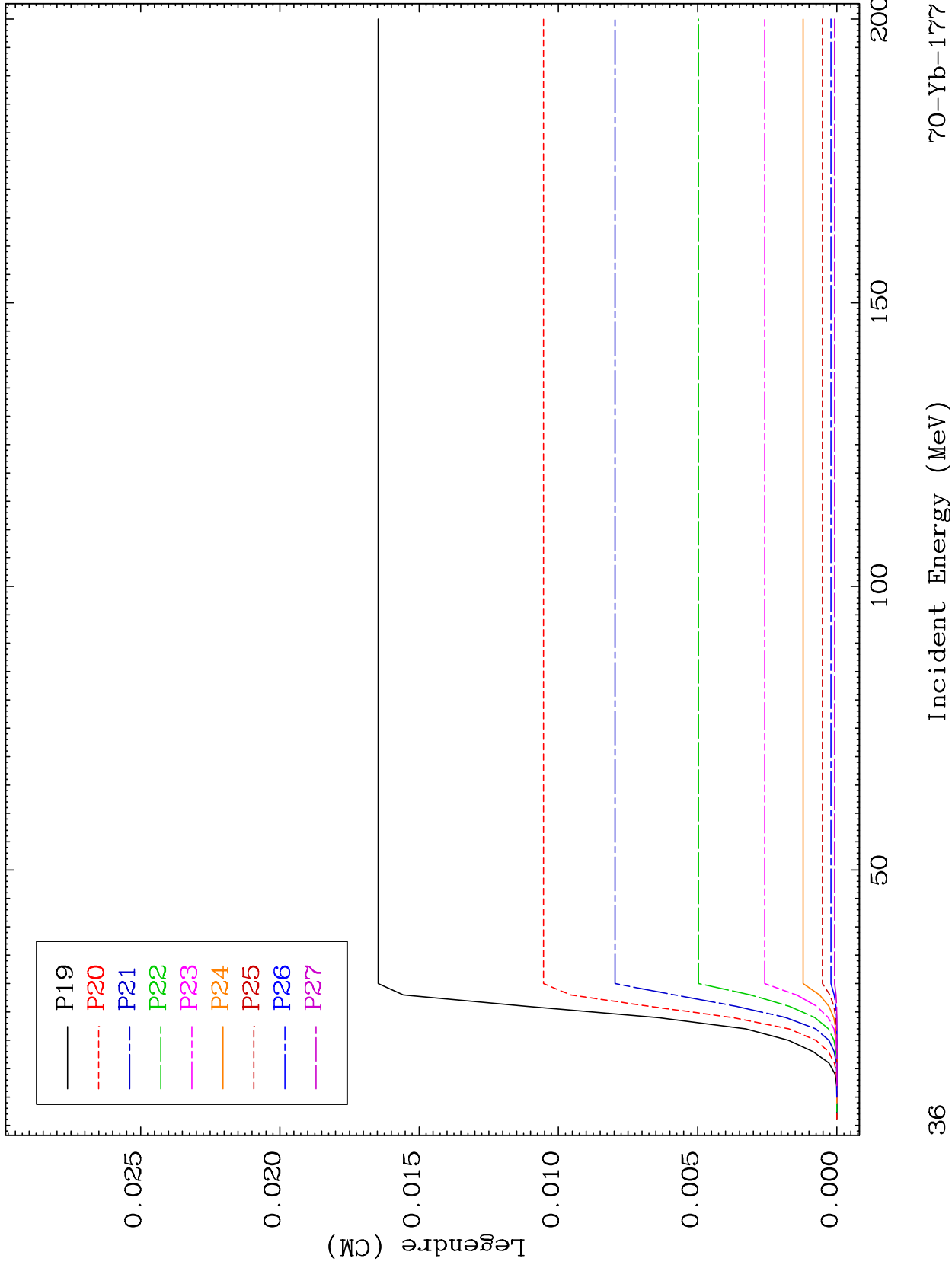




MAT 7052

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

70-Yb-177



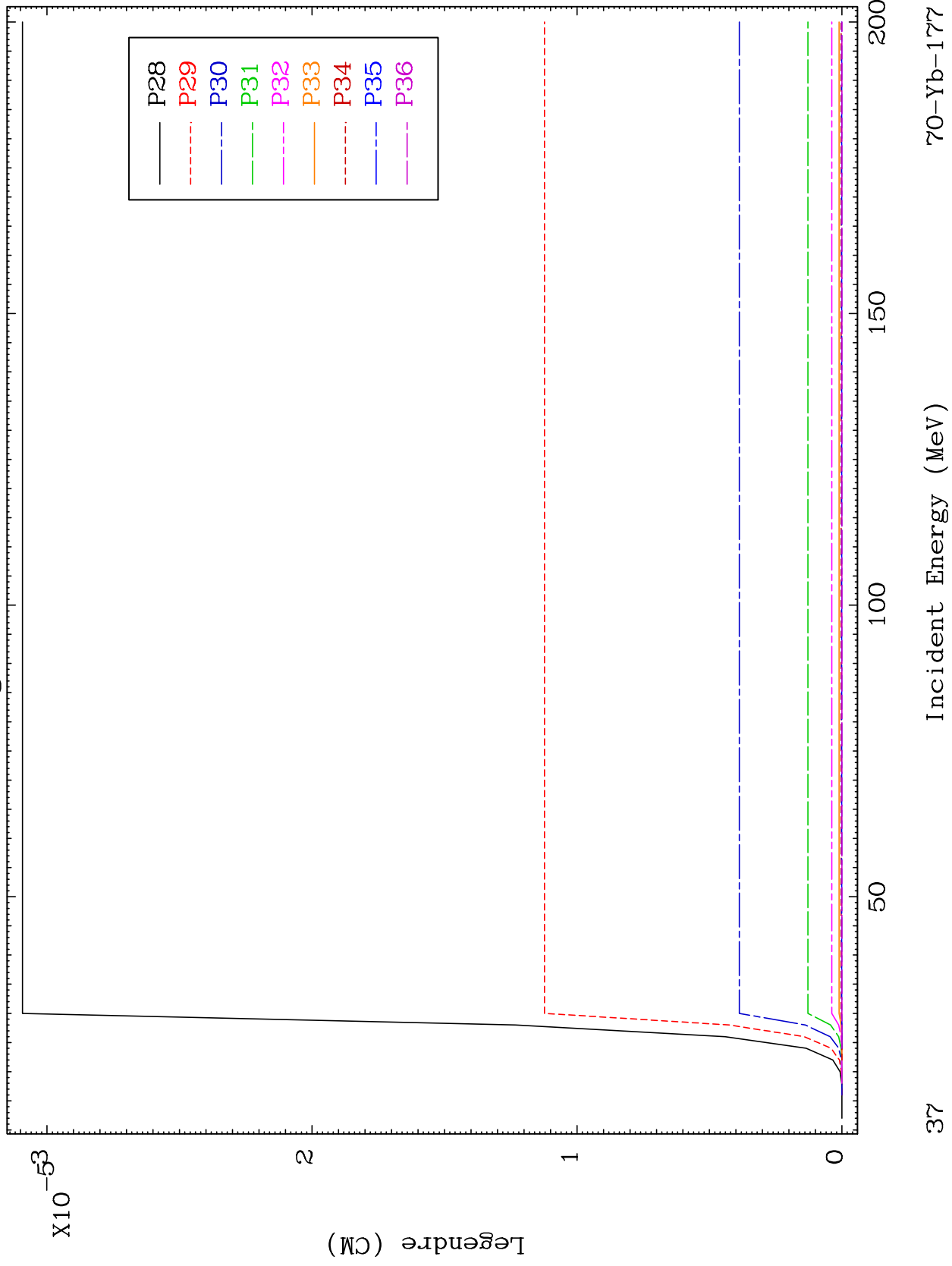
36

70-Yb-177

MAT 7052

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

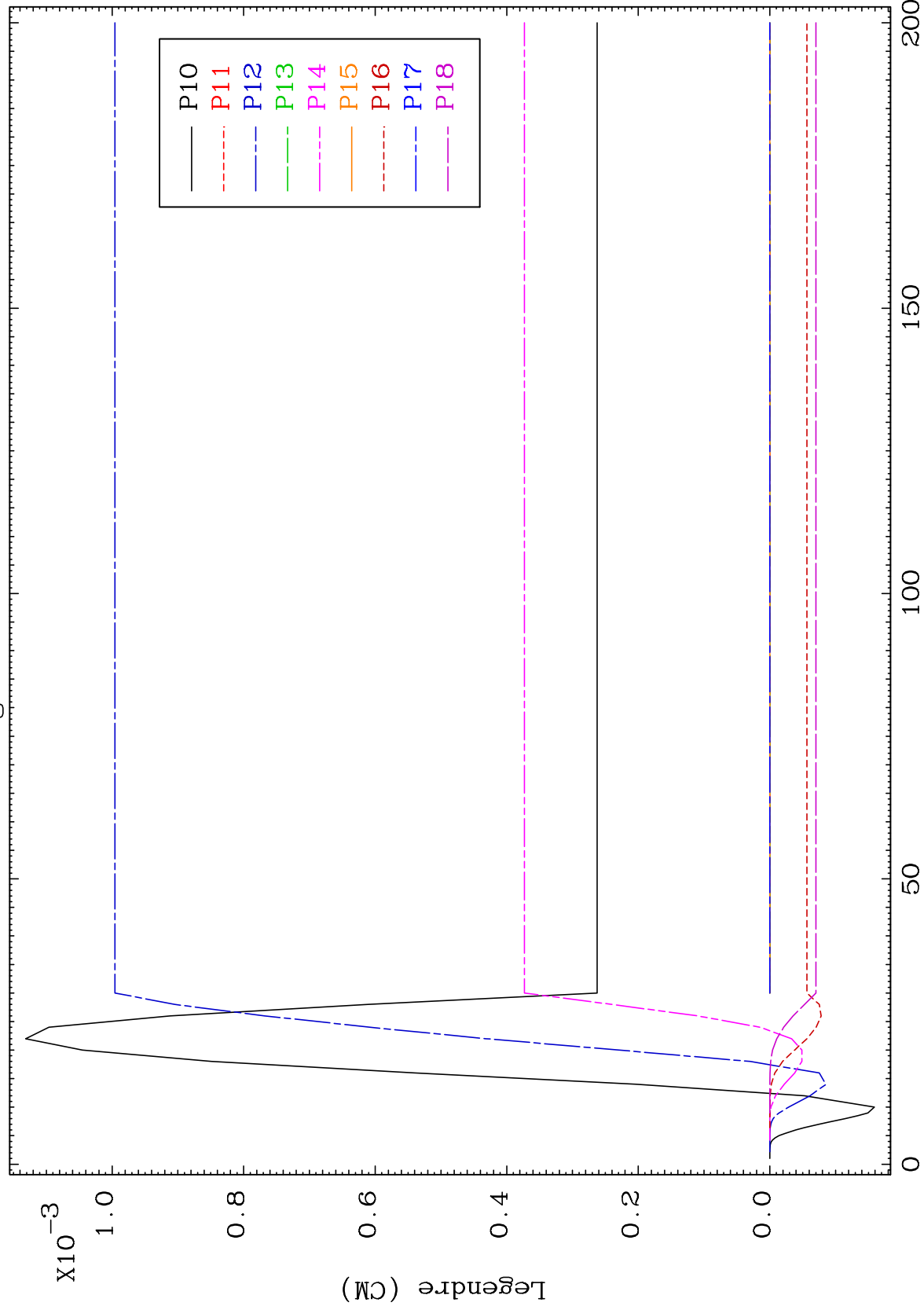
70-Yb-177



MAT 7052

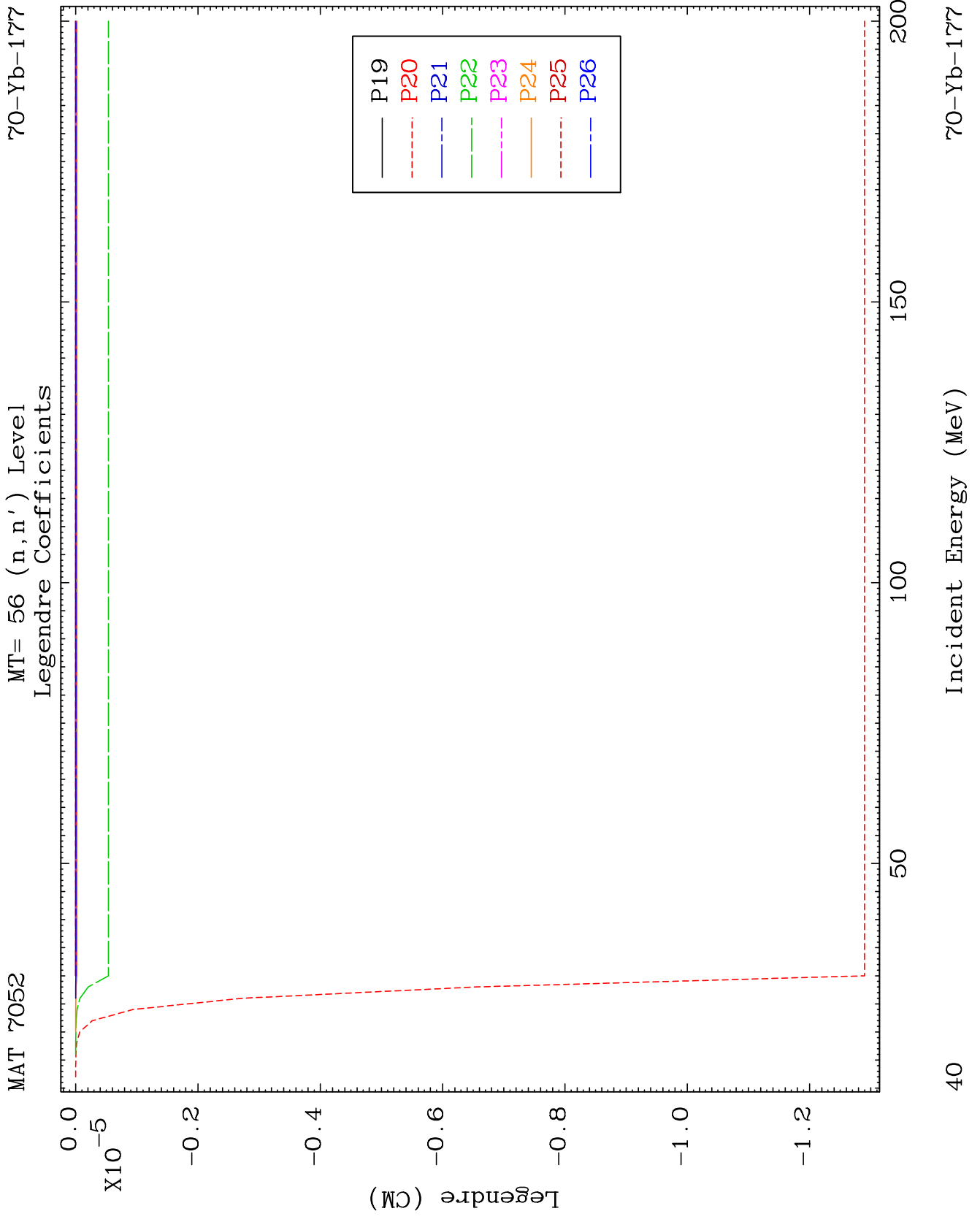
MT= 56 (n,n') Level
Legendre Coefficients

70-Yb-177



39

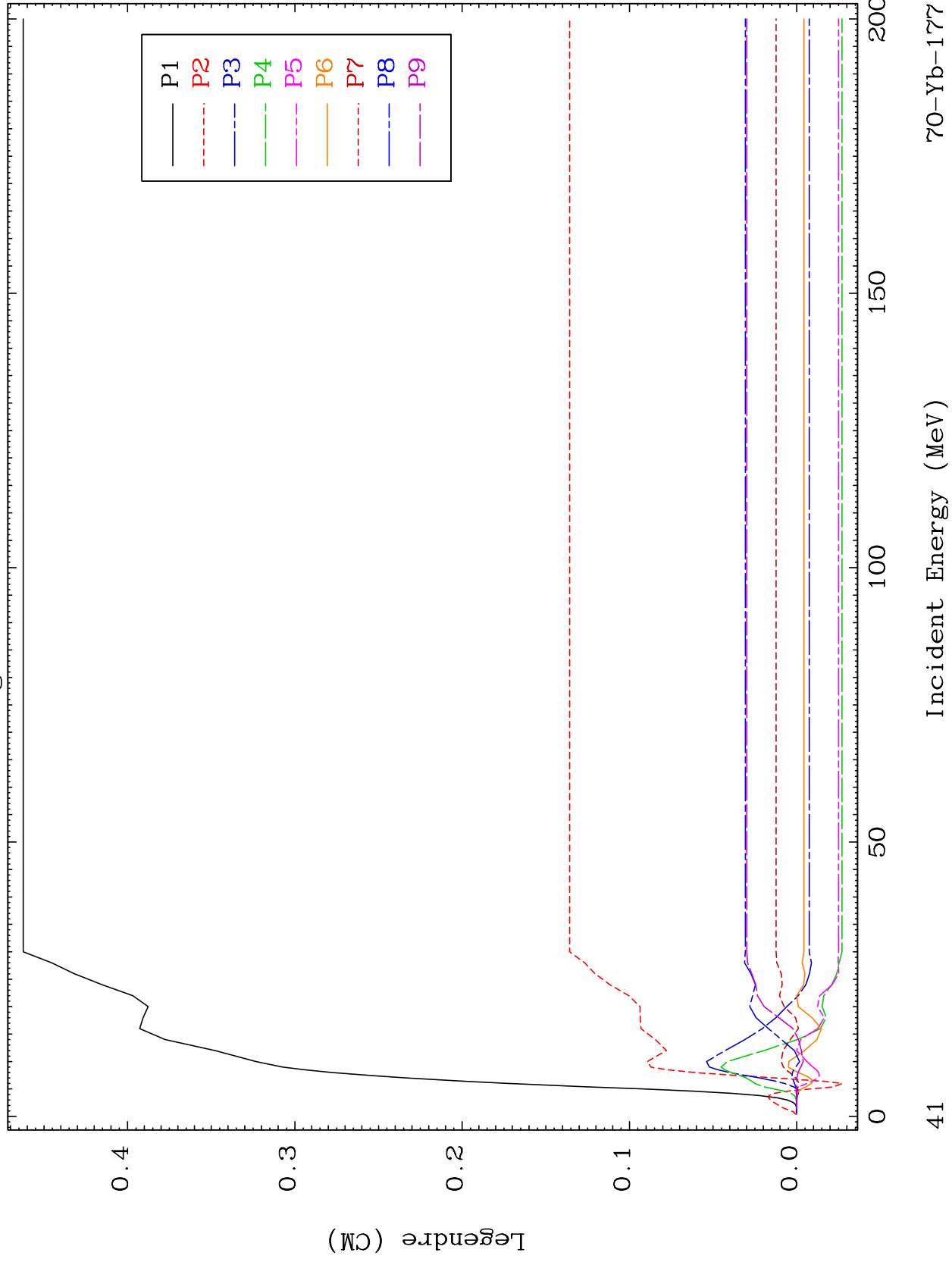
70-Yb-177



MAT 7052

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

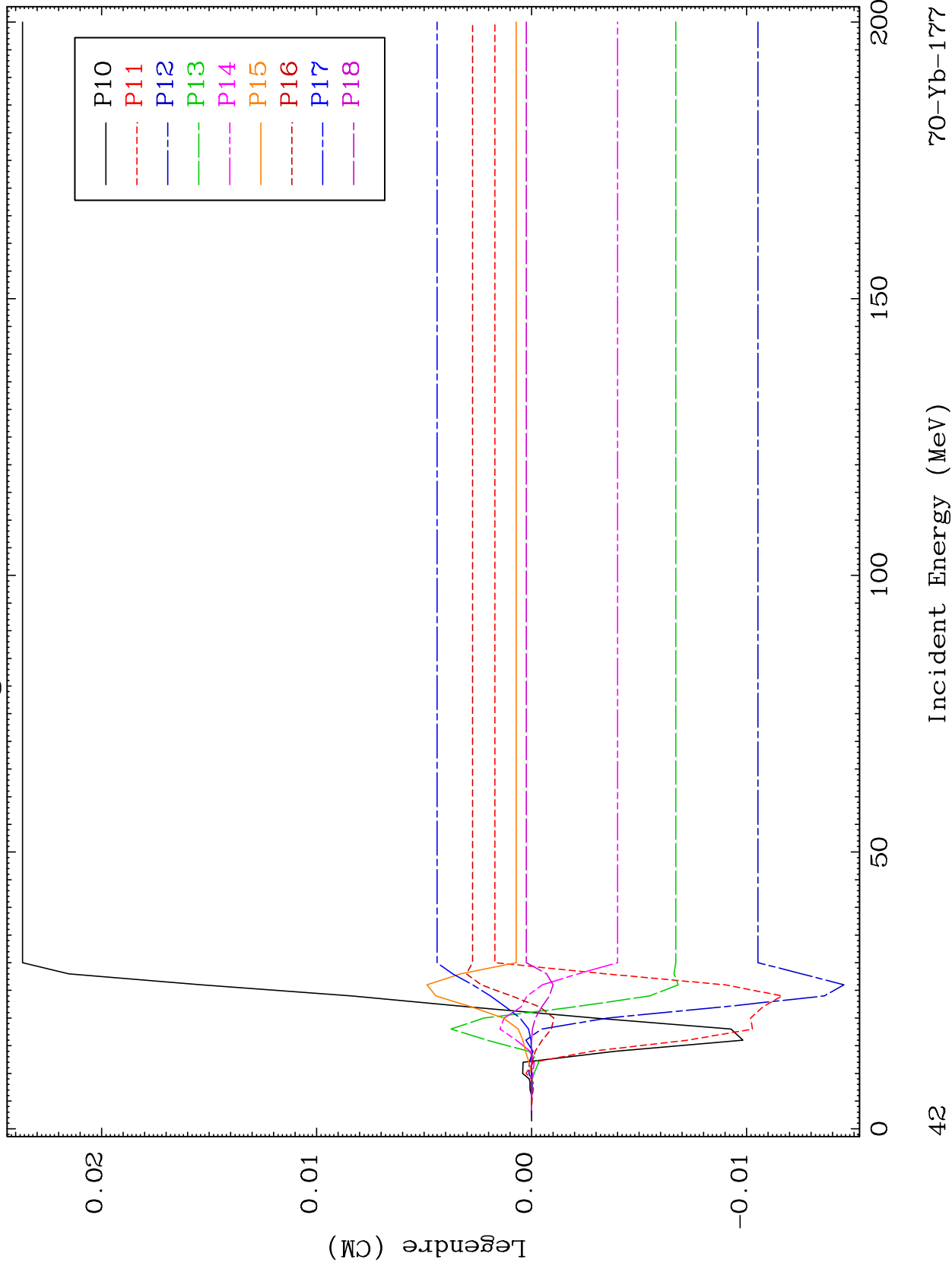
70-Yb-177



MAT 7052

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

70-Yb-177



70-Yb-177

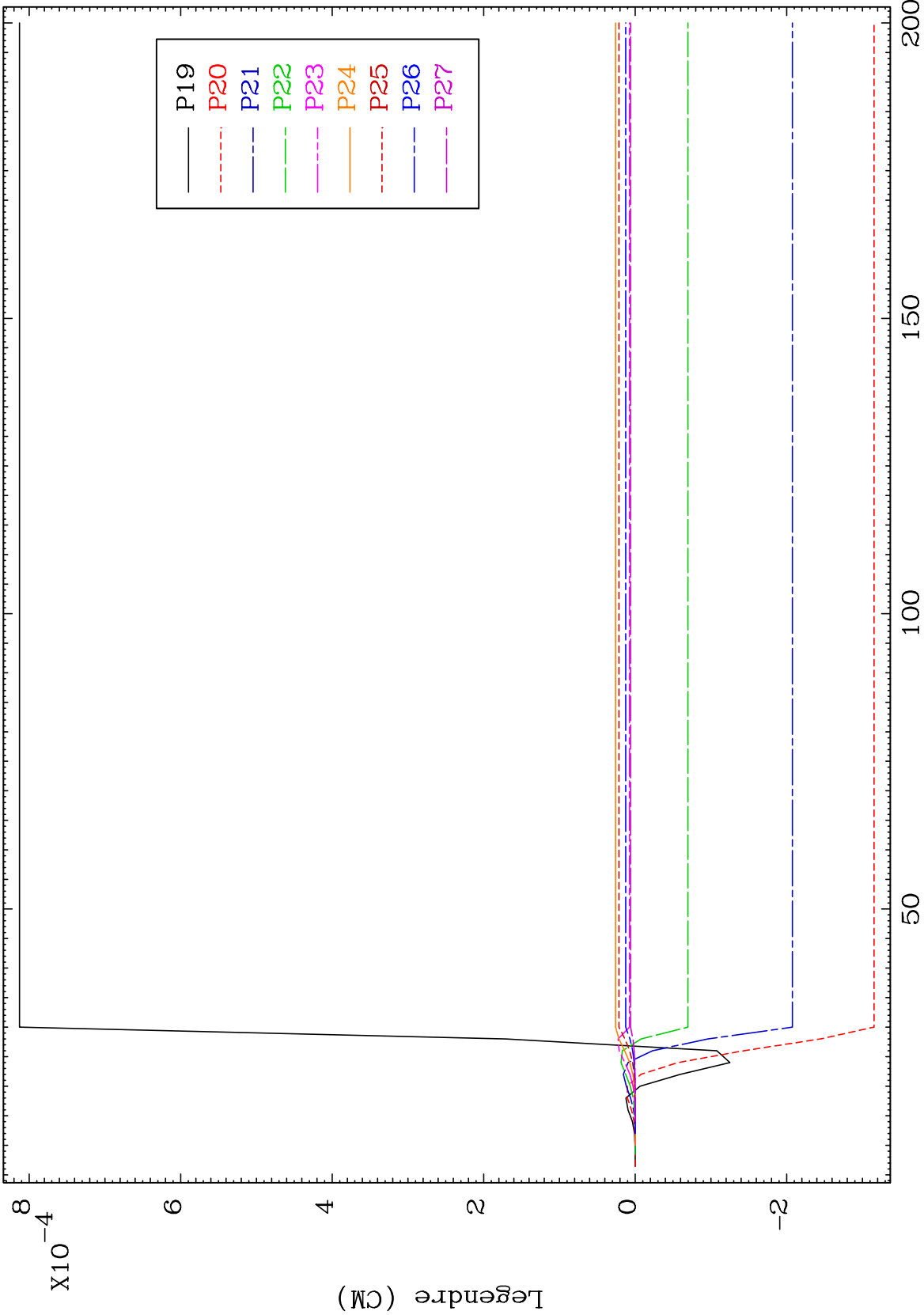
Incident Energy (MeV)

42

MAT 7052

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

70-Yb-177



43

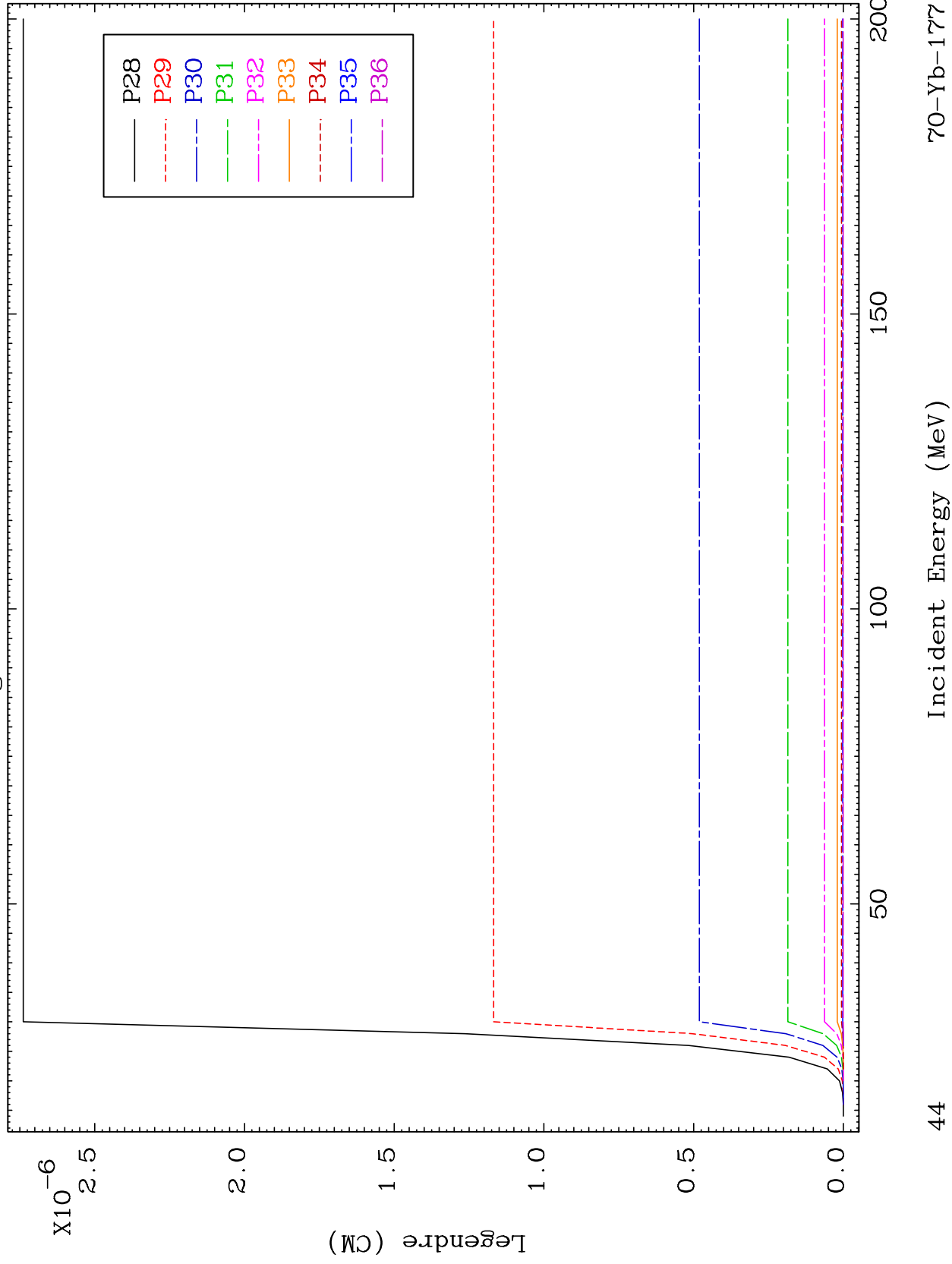
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

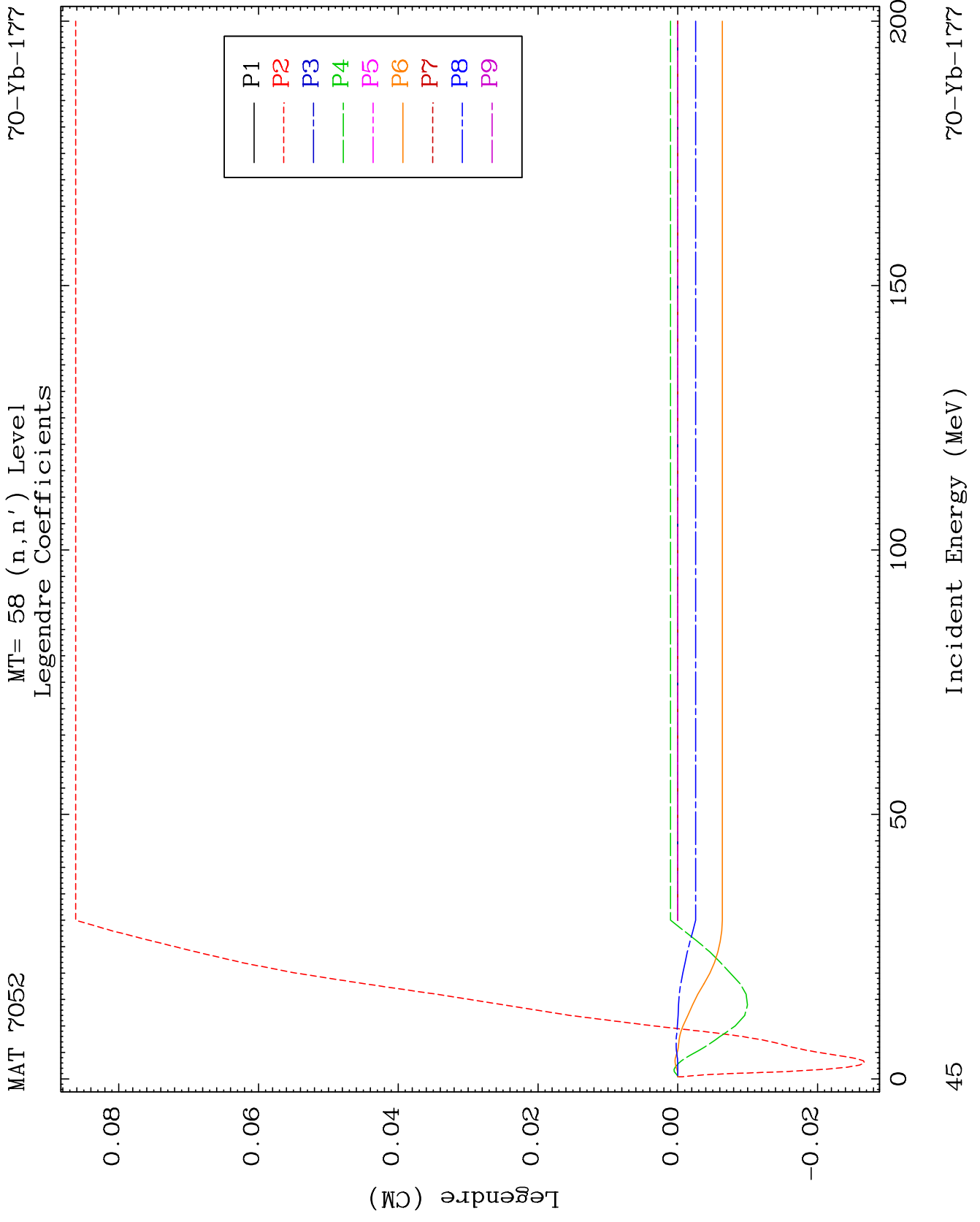
70-Yb-177



44

Incident Energy (MeV)

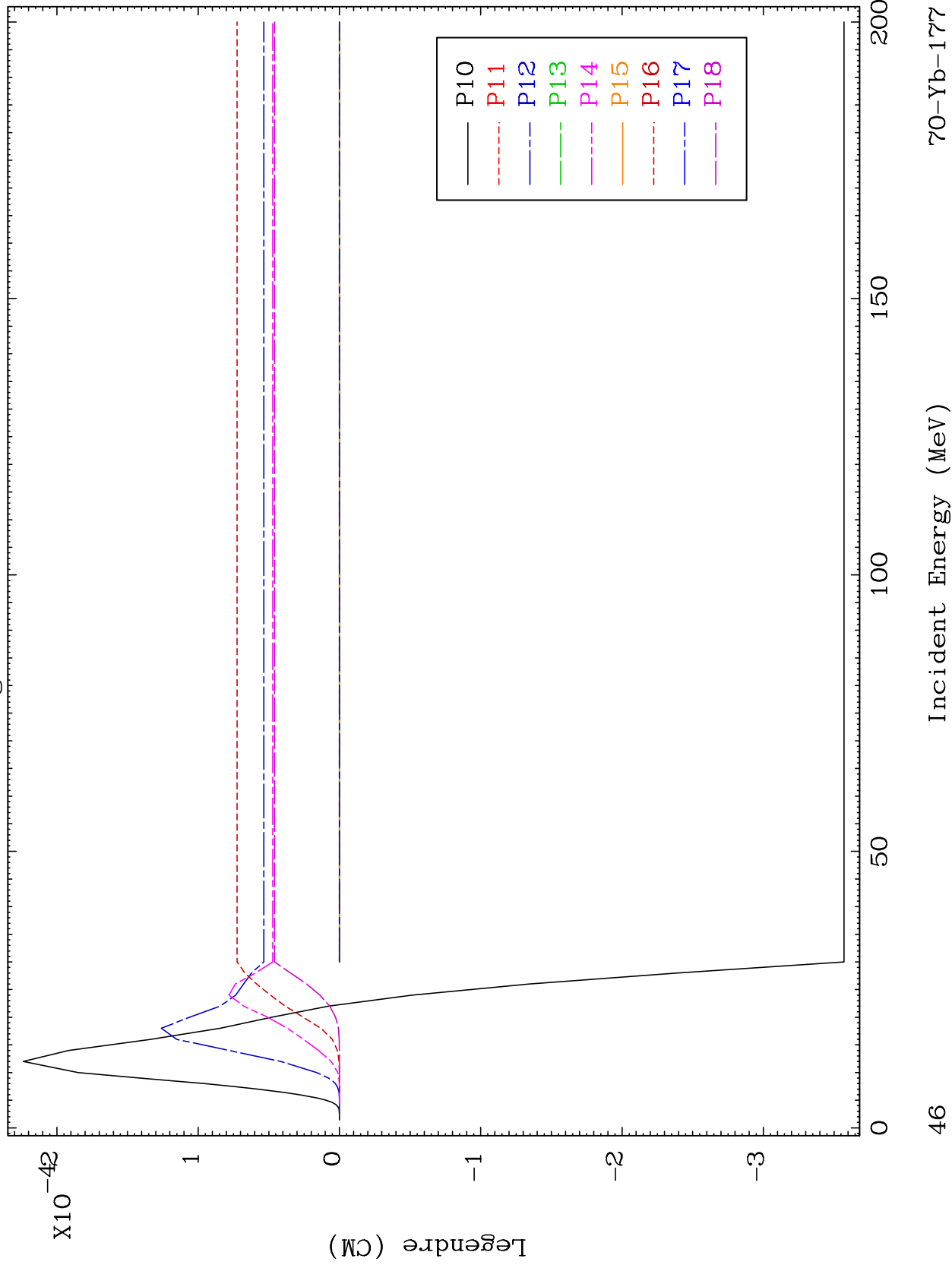
70-Yb-177

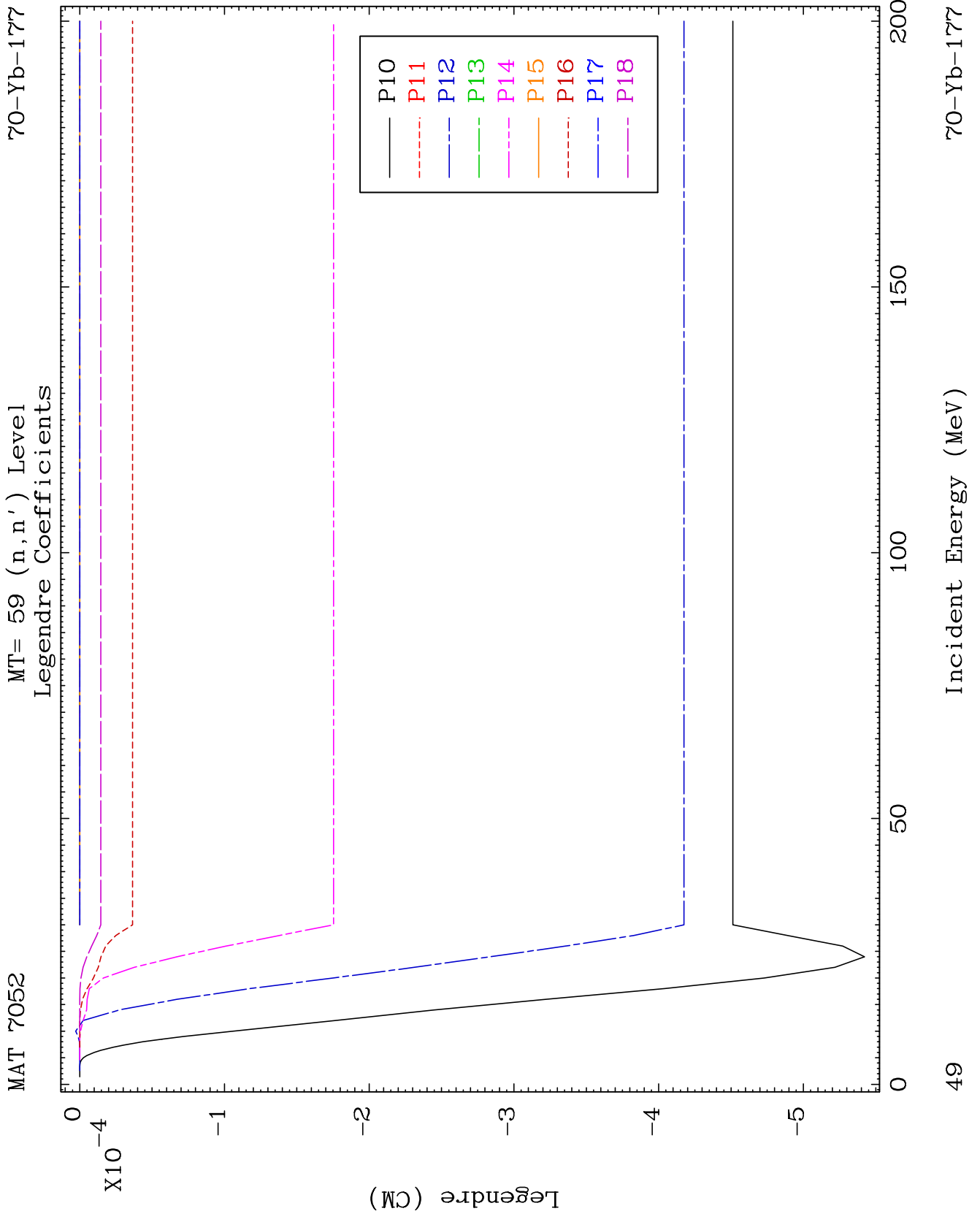


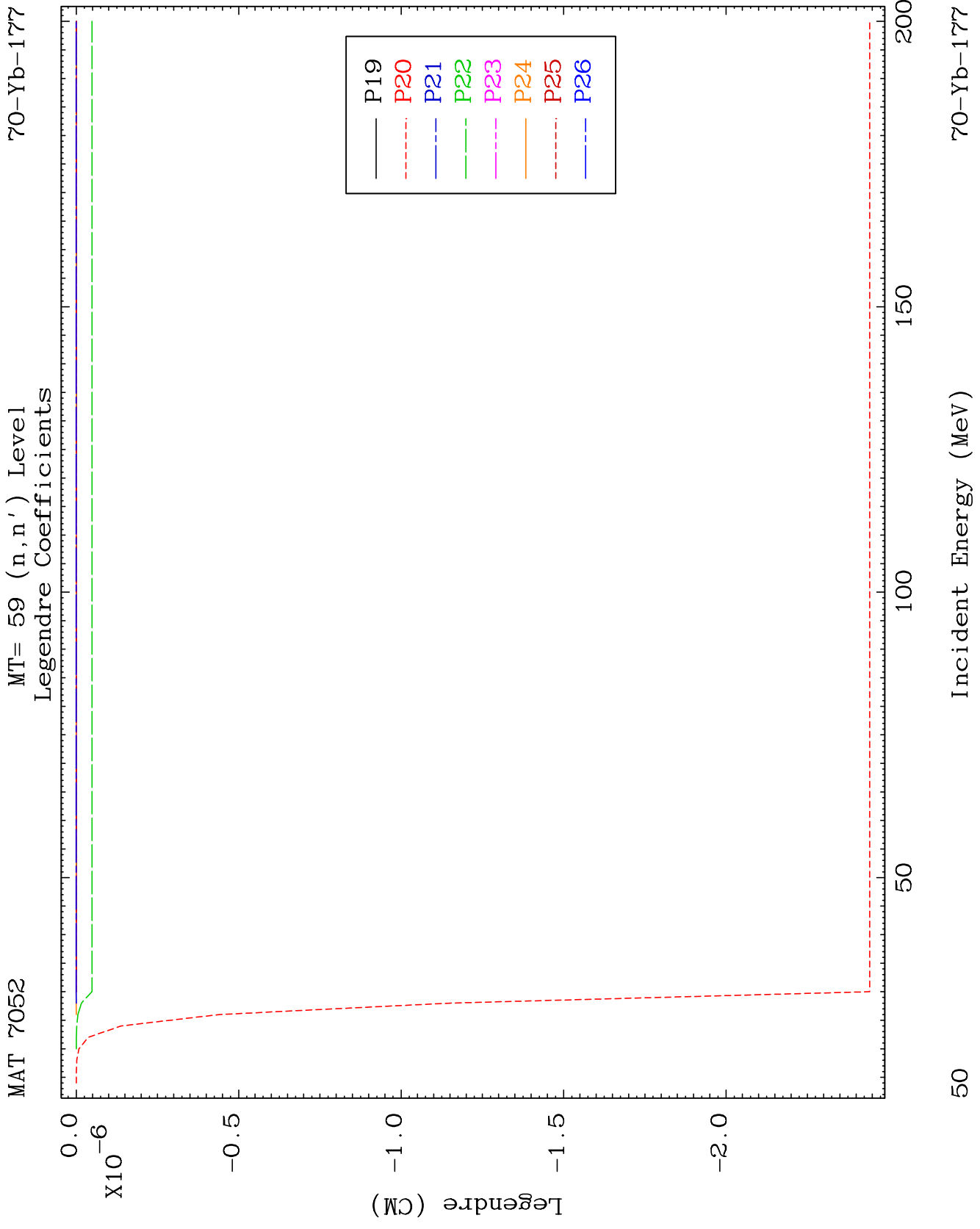
MAT 7052

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

70-Yb-177



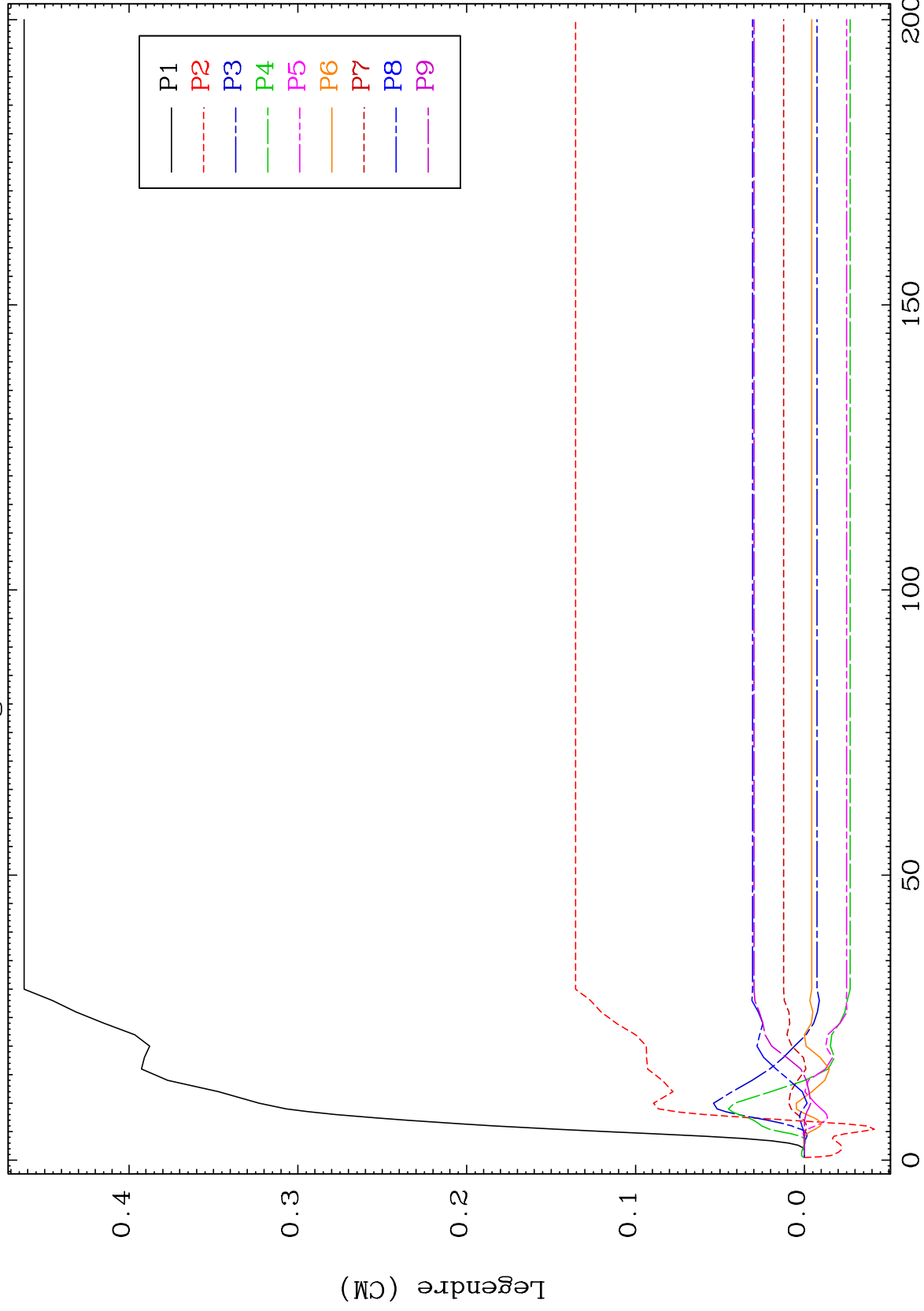




MAT 7052

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

70-Yb-177



51

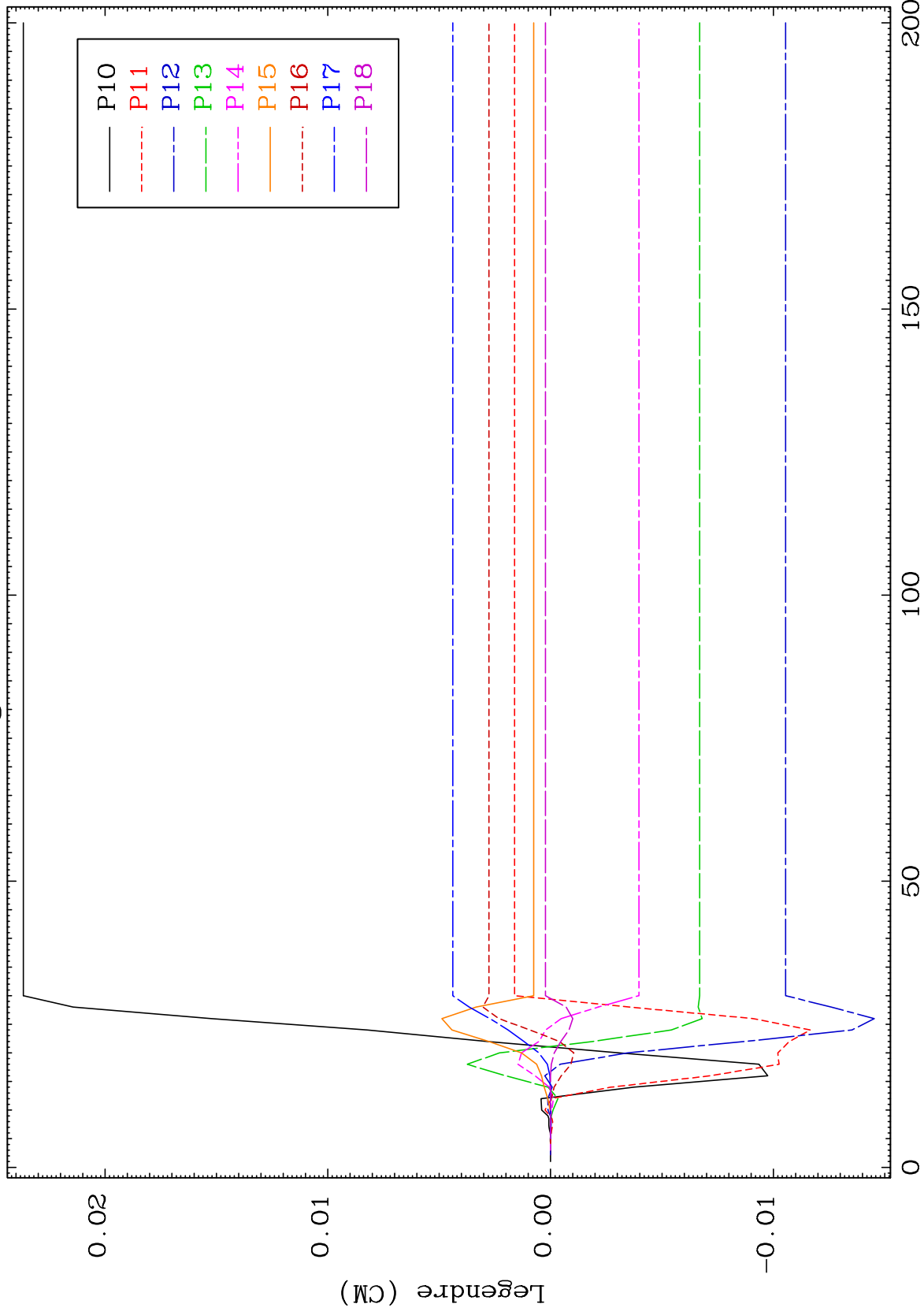
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



52

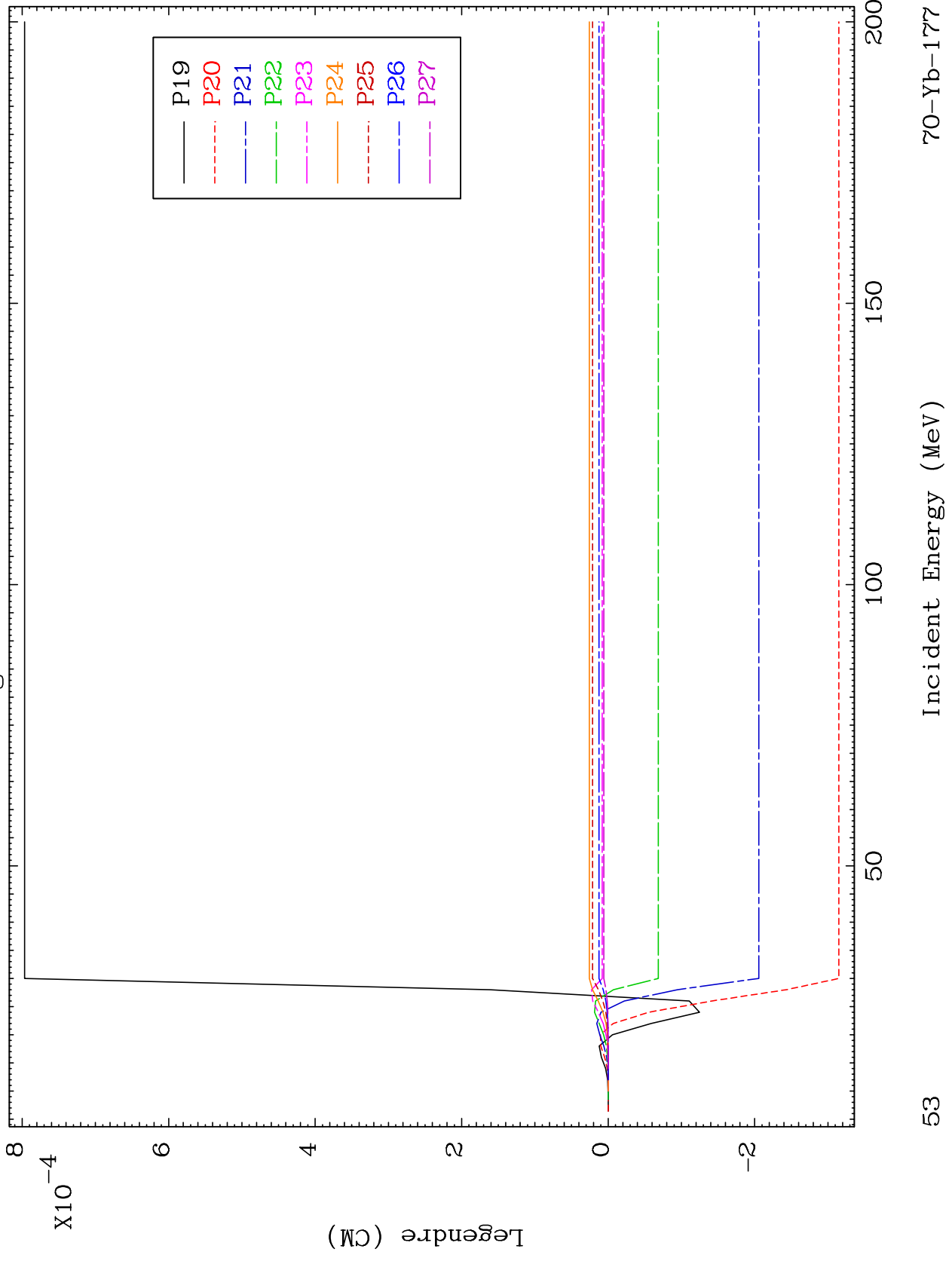
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

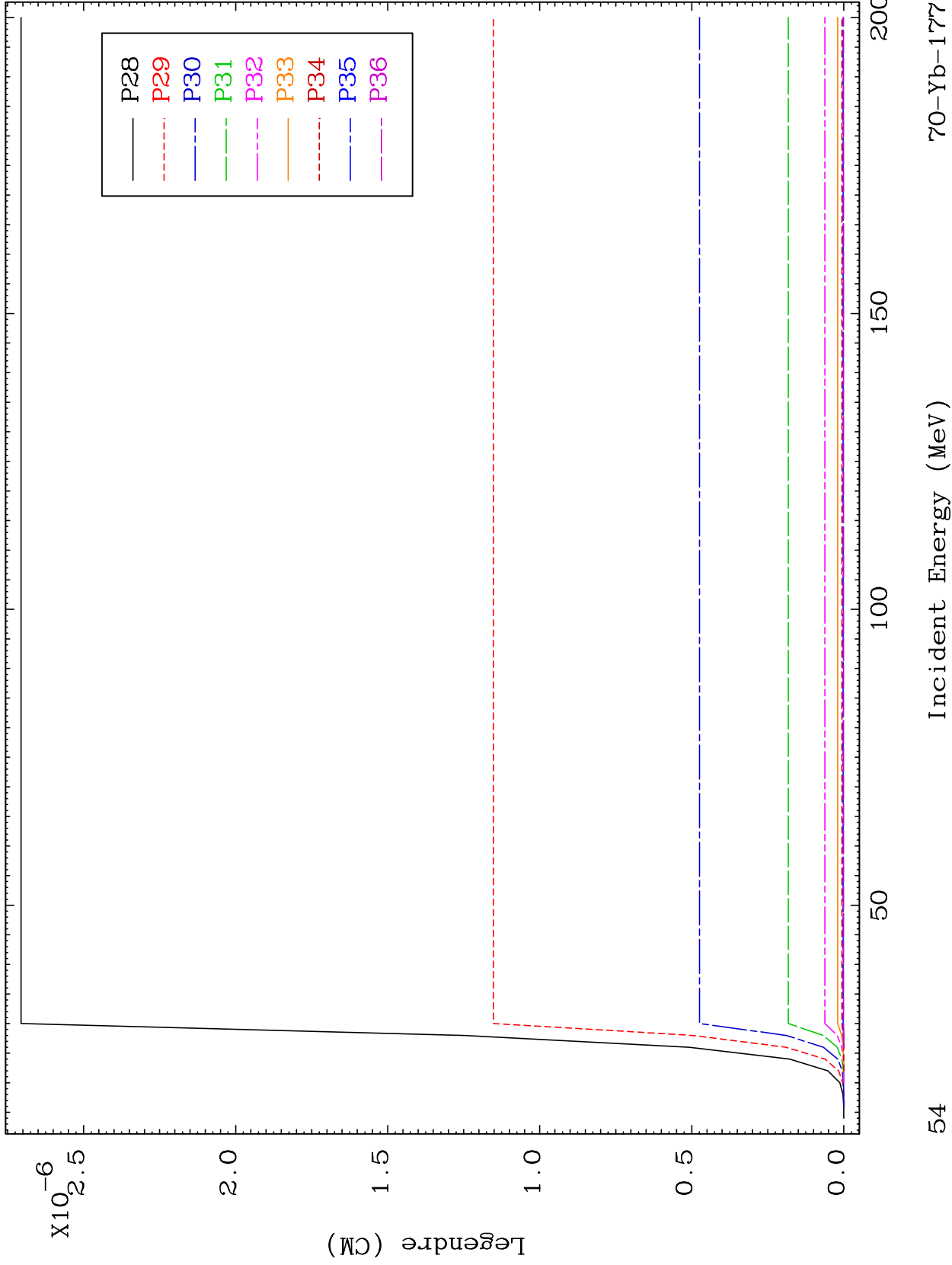
70-Yb-177



MAT 7052

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

70-Yb-177



54

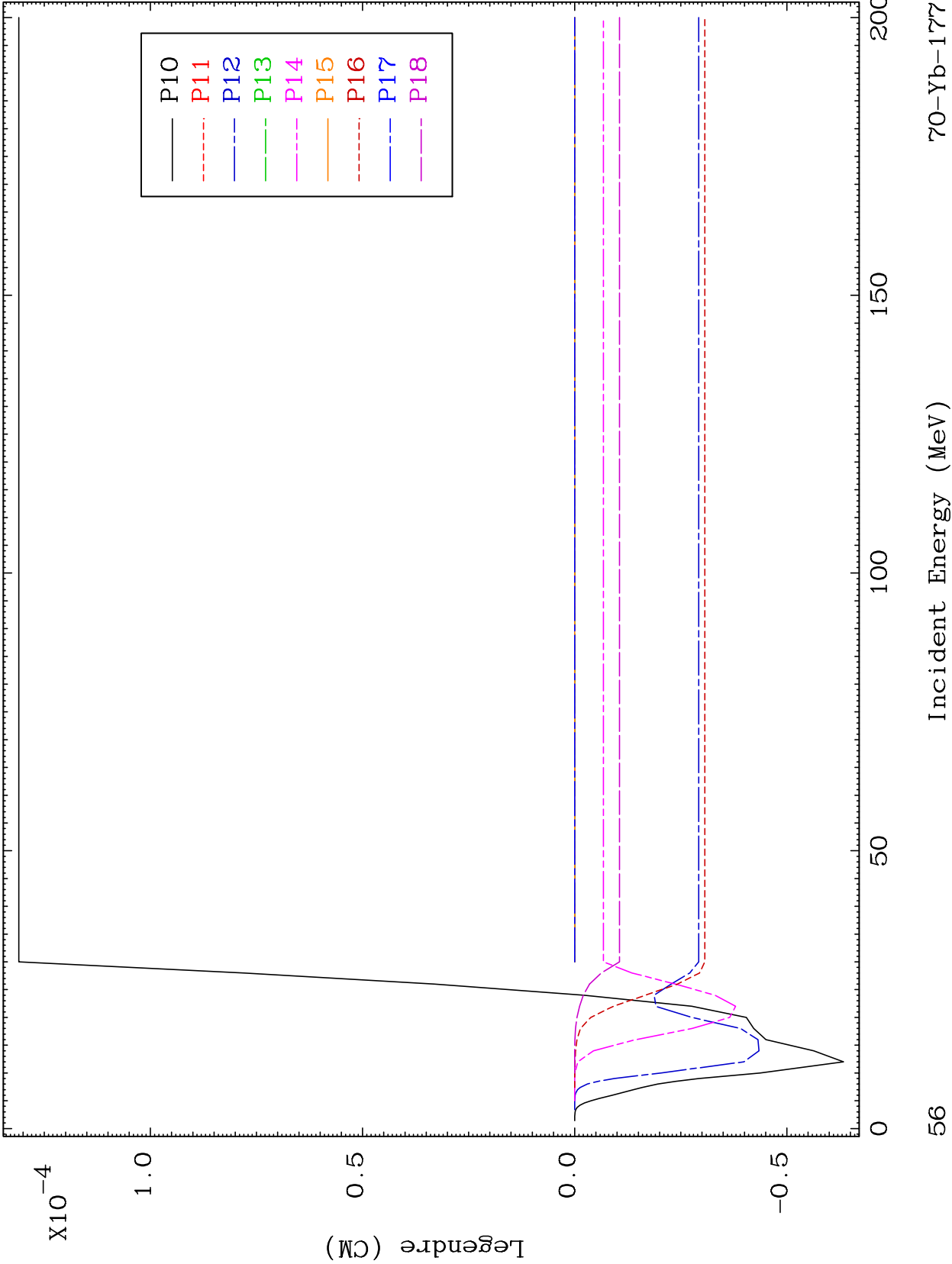
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

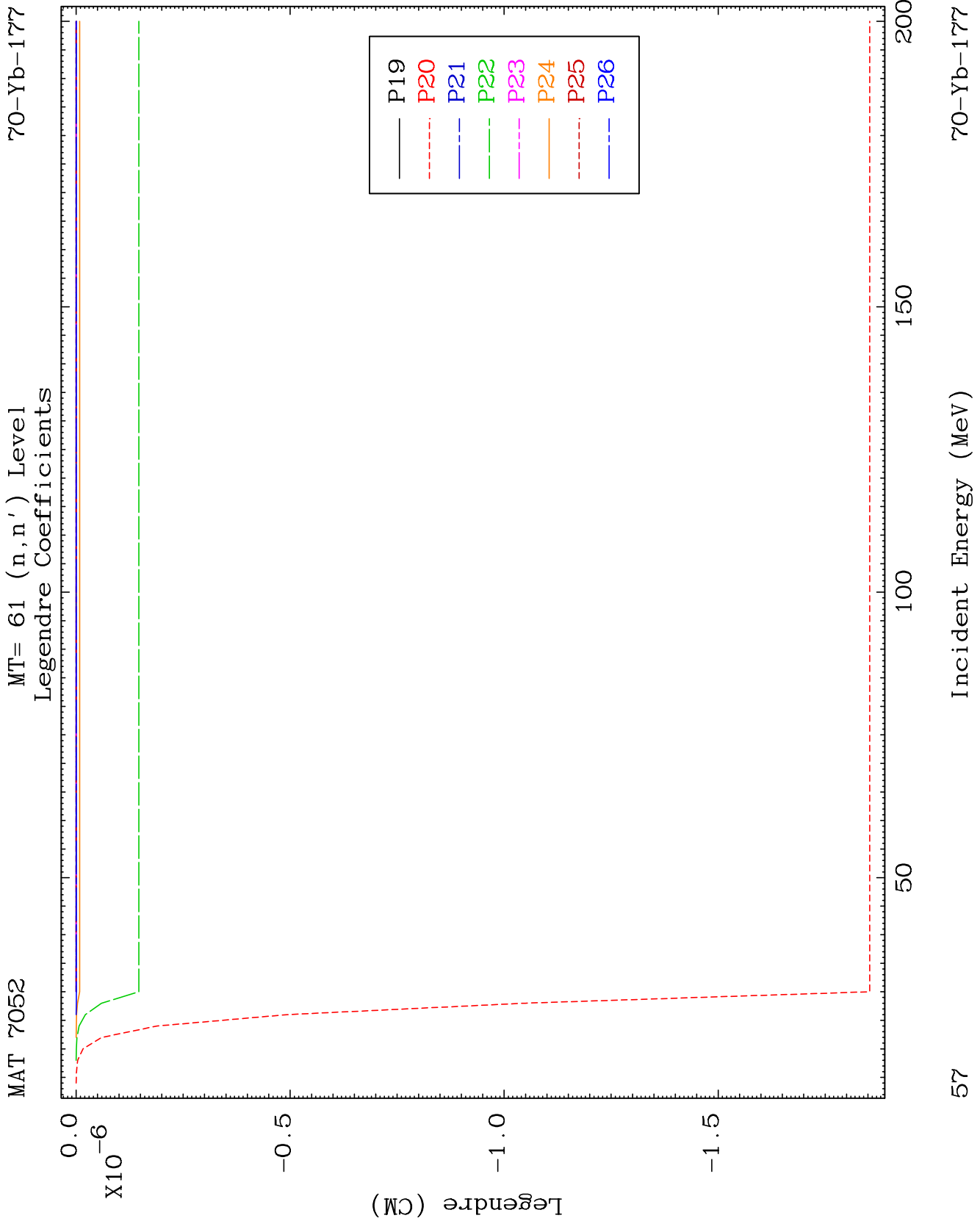
70-Yb-177



56

Incident Energy (MeV)

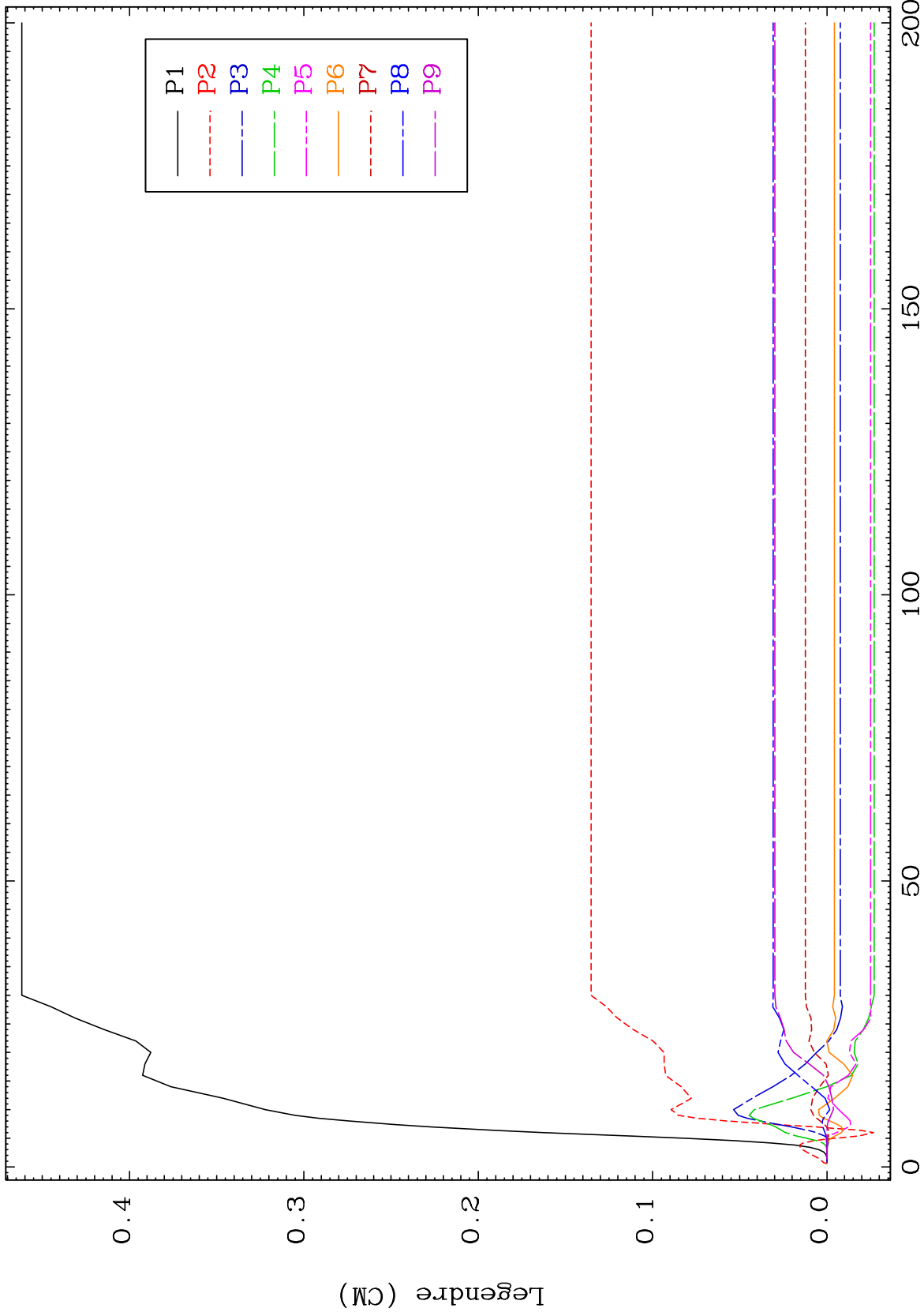
70-Yb-177



MAT 7052

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

70-Yb-177



70-Yb-177

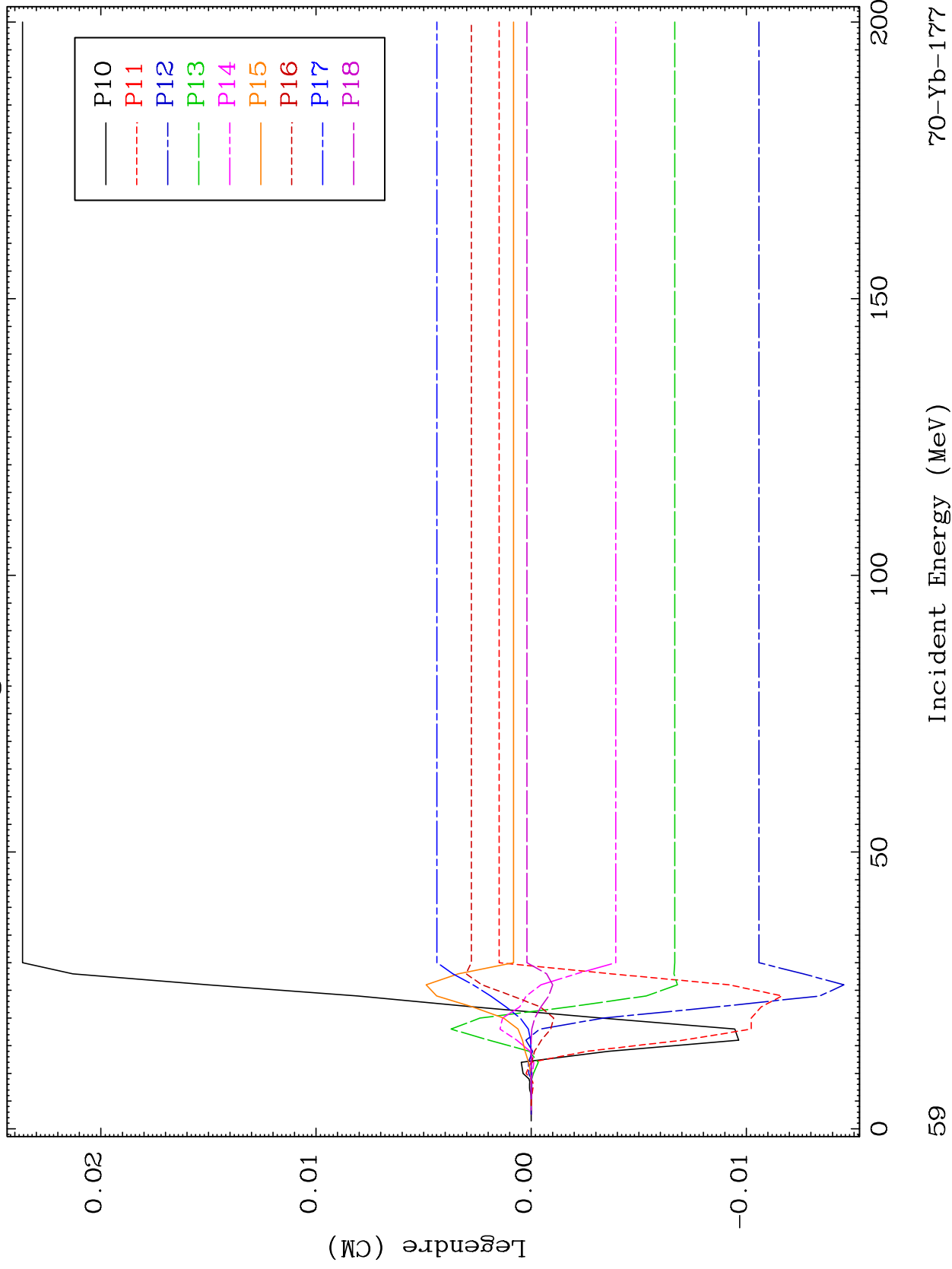
Incident Energy (MeV)

58

MAT 7052

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

70-Yb-177



70-Yb-177

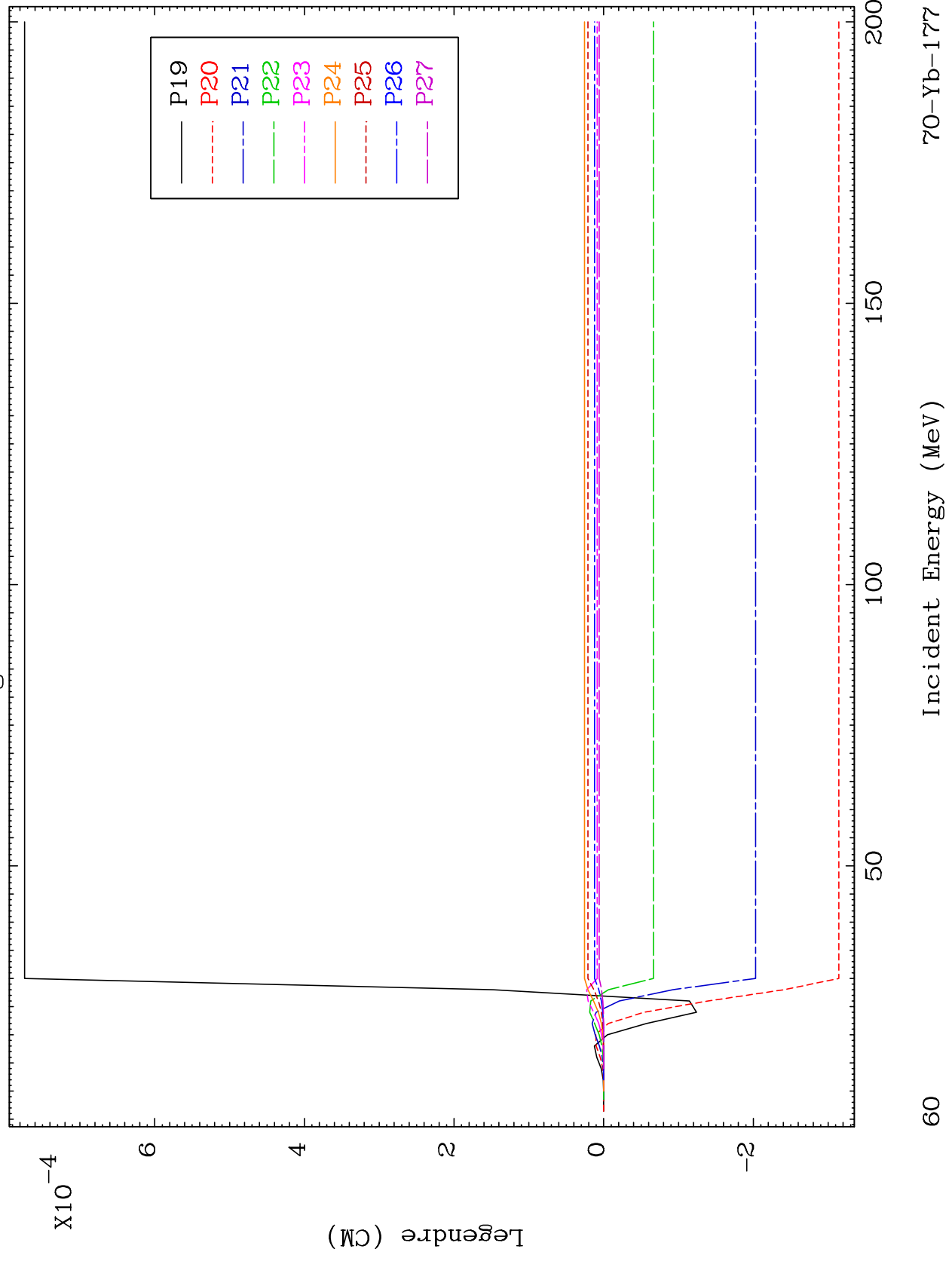
Incident Energy (MeV)

59

MAT 7052

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

70-Yb-177



70-Yb-177

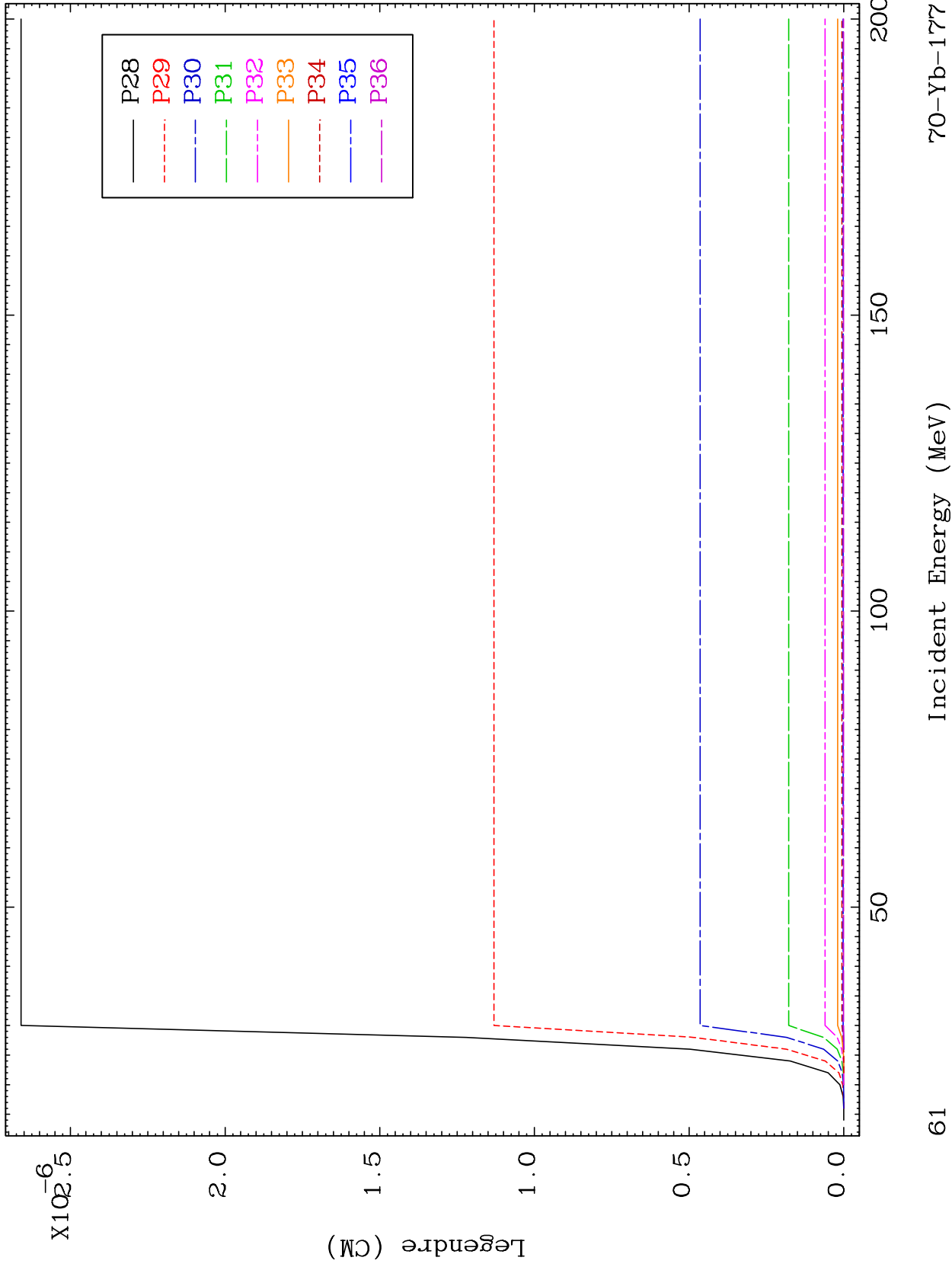
Incident Energy (MeV)

60

MAT 7052

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

70-Yb-177



61

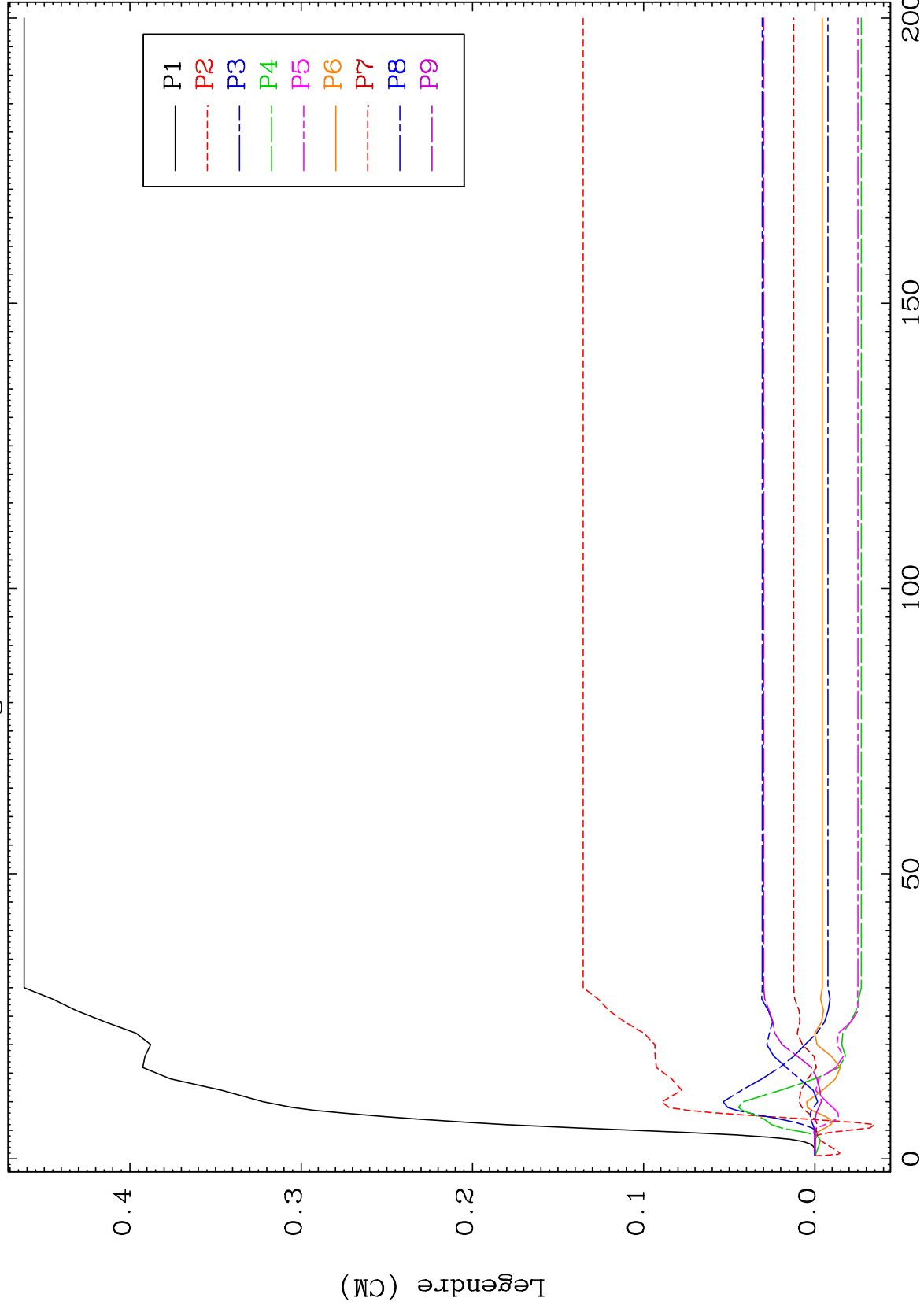
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



70-Yb-177

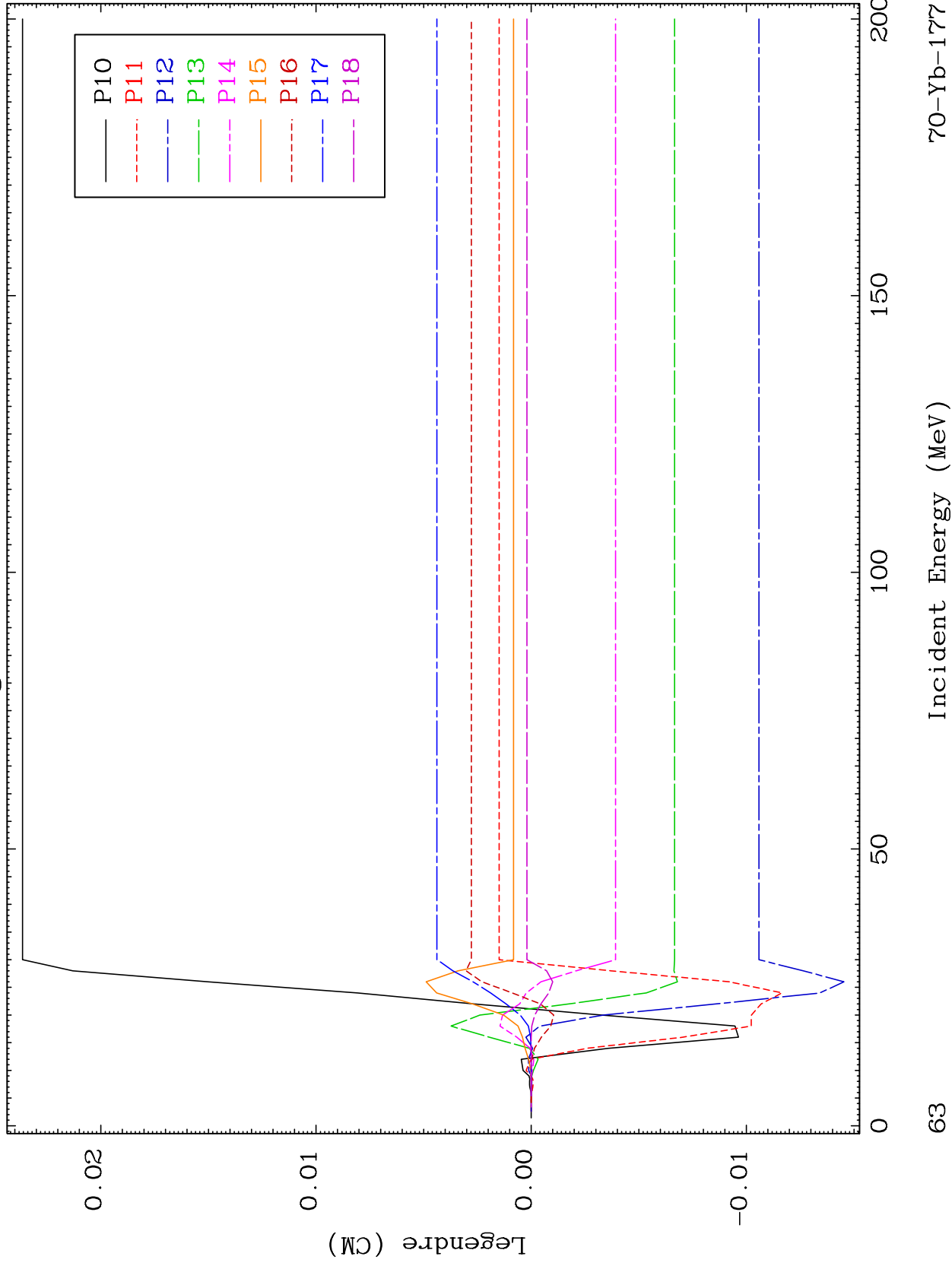
Incident Energy (MeV)

62

MAT 7052

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

70-Yb-177



70-Yb-177

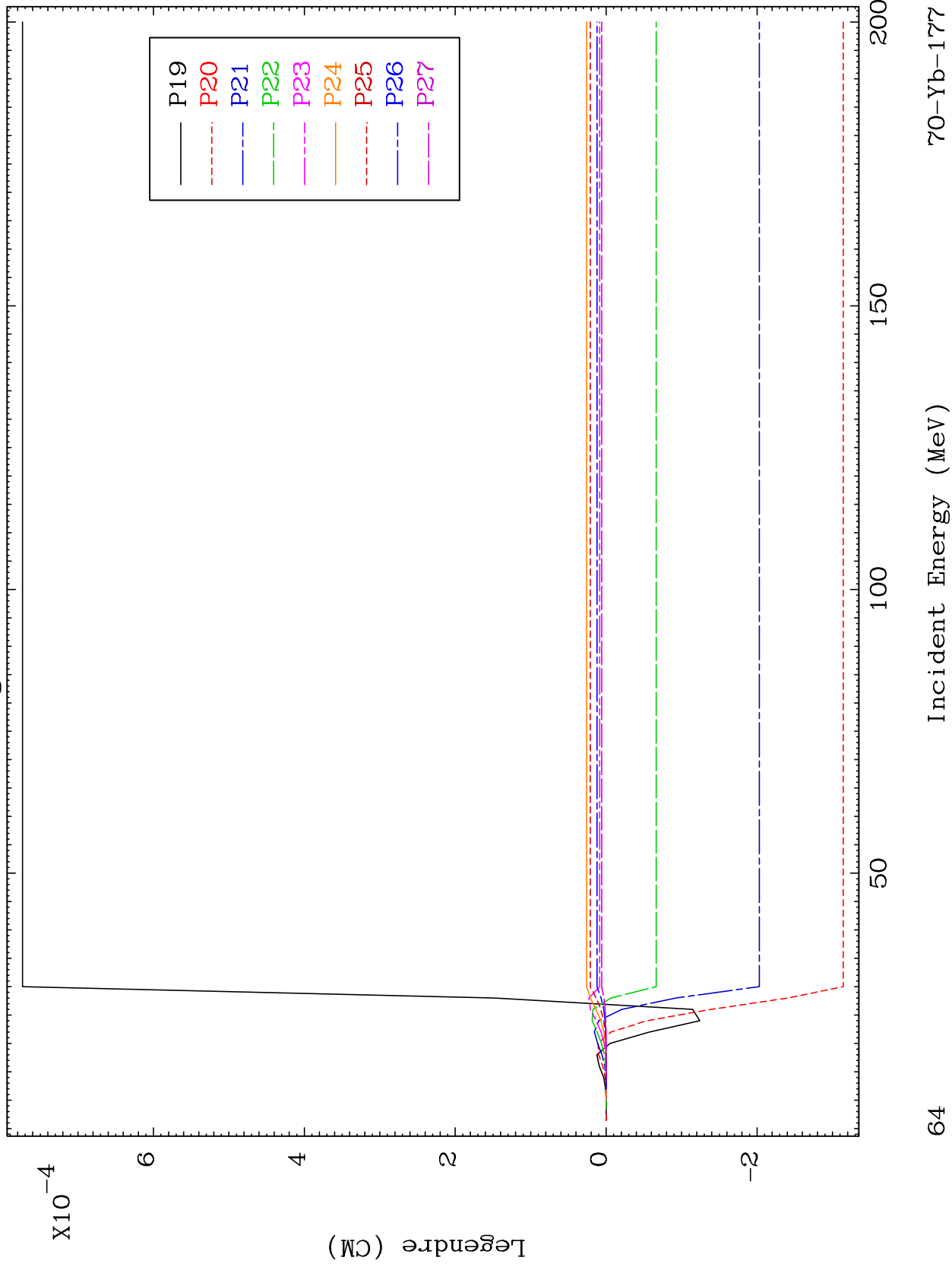
Incident Energy (MeV)

63

MAT 7052

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

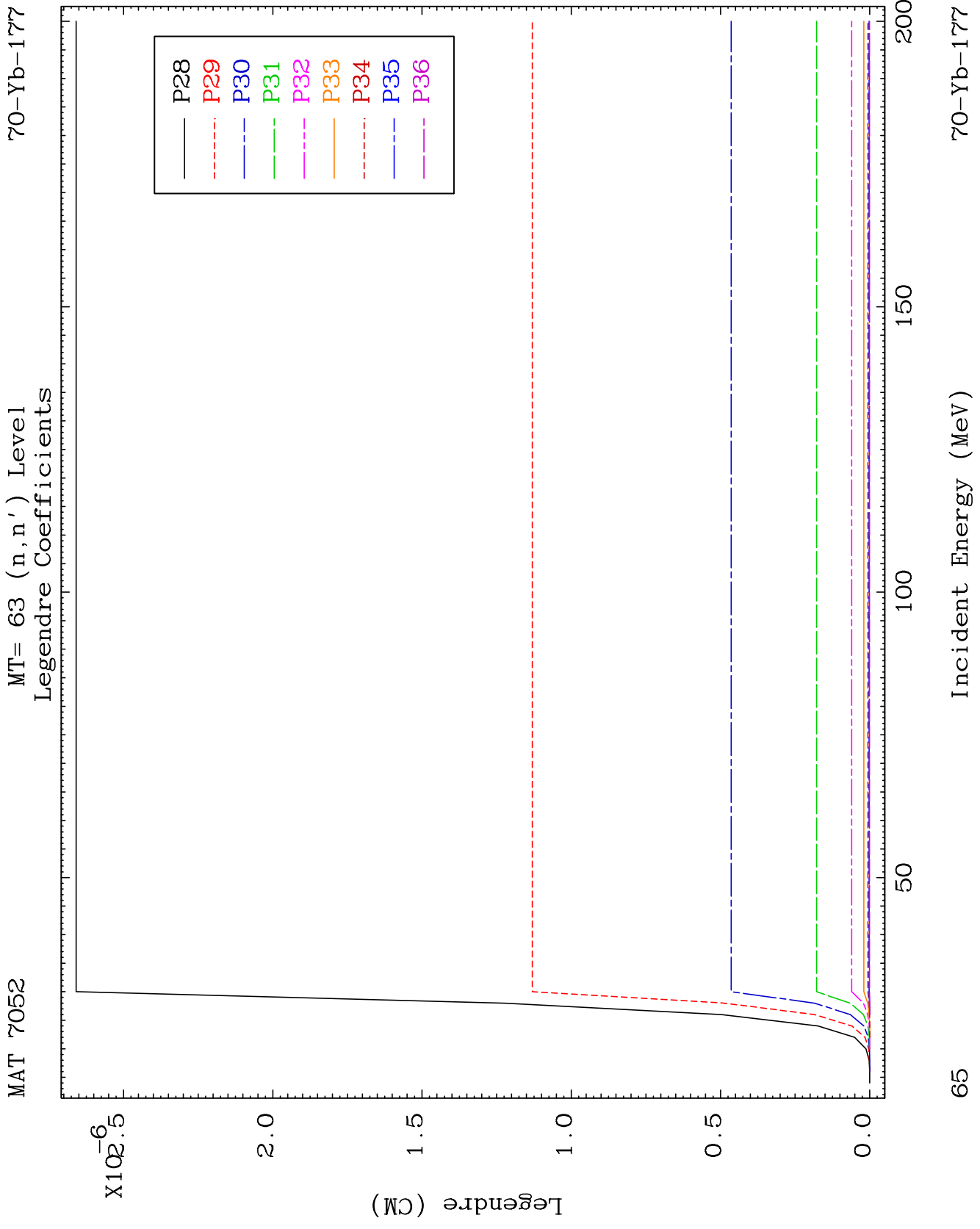
70-Yb-177



64

Incident Energy (MeV)

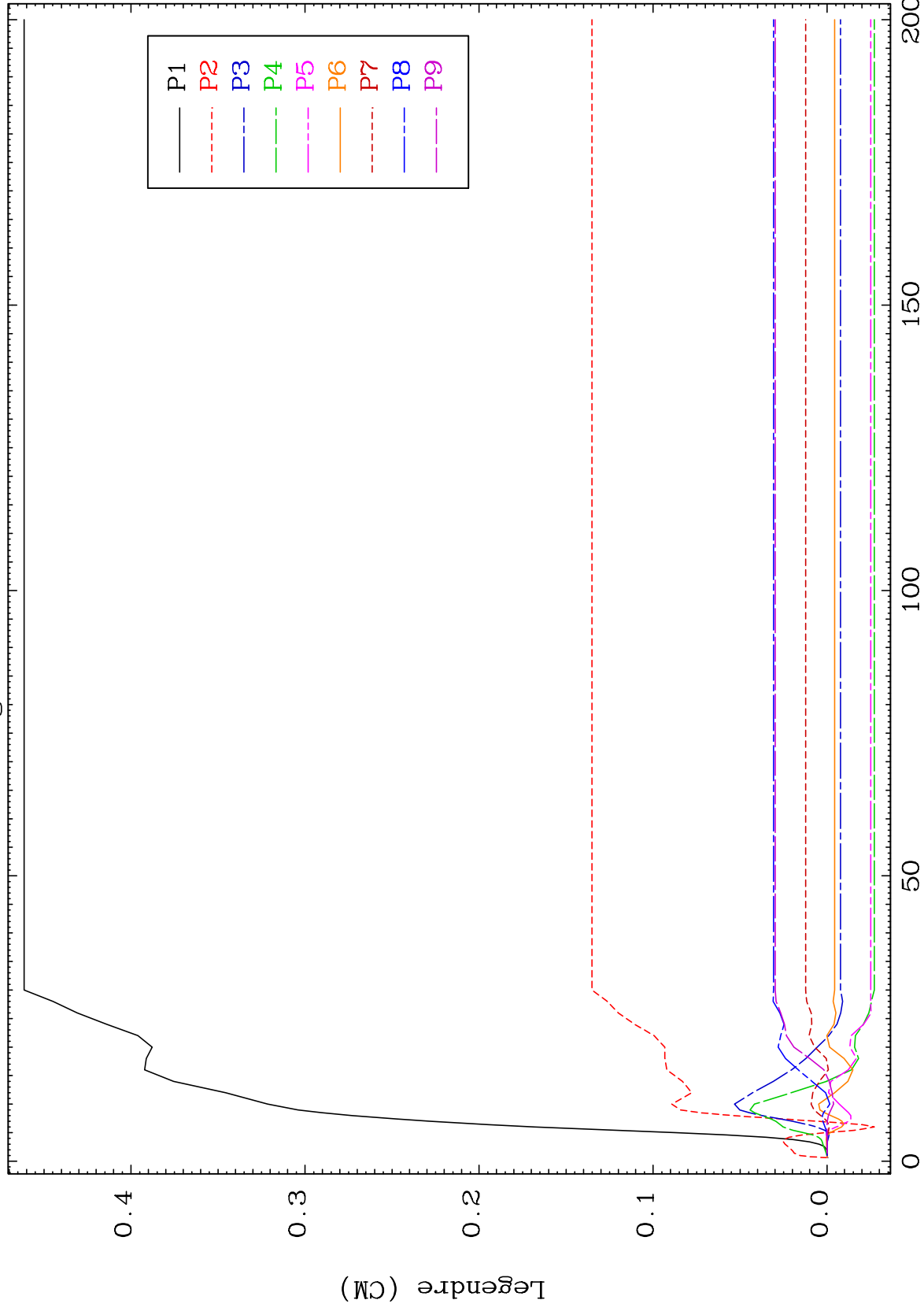
70-Yb-177



MAT 7052

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

70-Yb-177



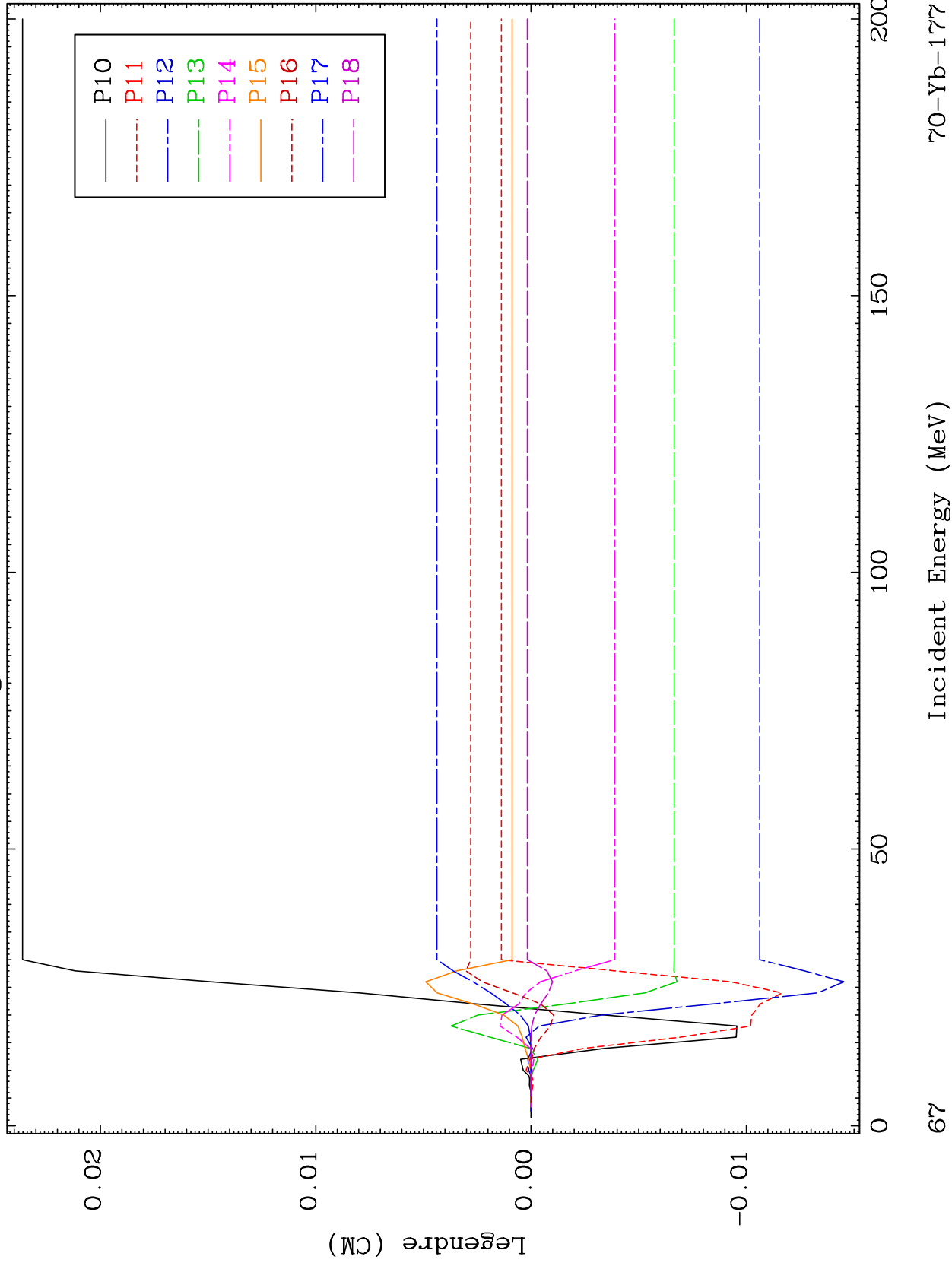
66

70-Yb-177

MAT 7052

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

70-Yb-177



70-Yb-177

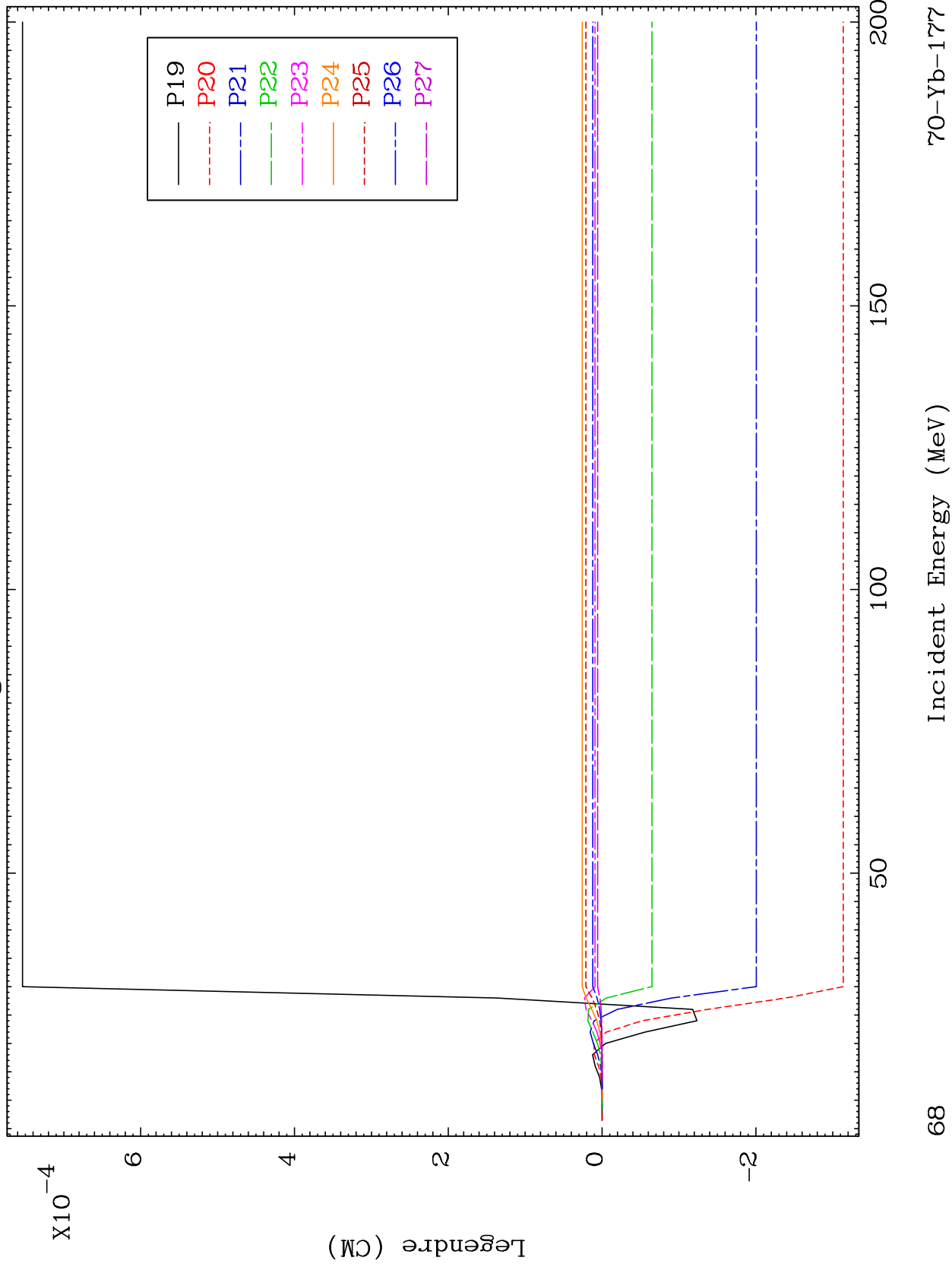
Incident Energy (MeV)

67

MAT 7052

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

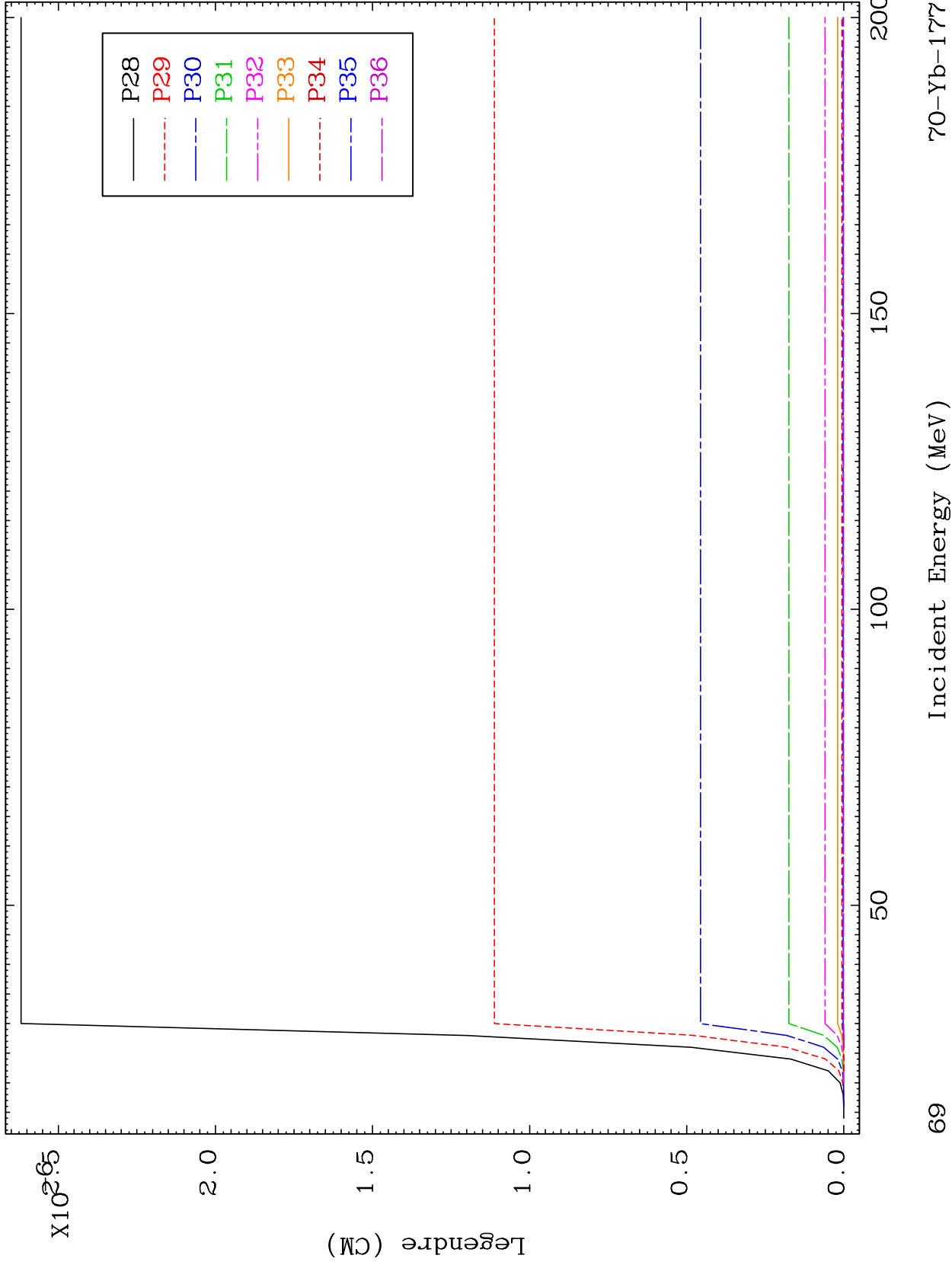
70-Yb-177



MAT 7052

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

70-Yb-177



69

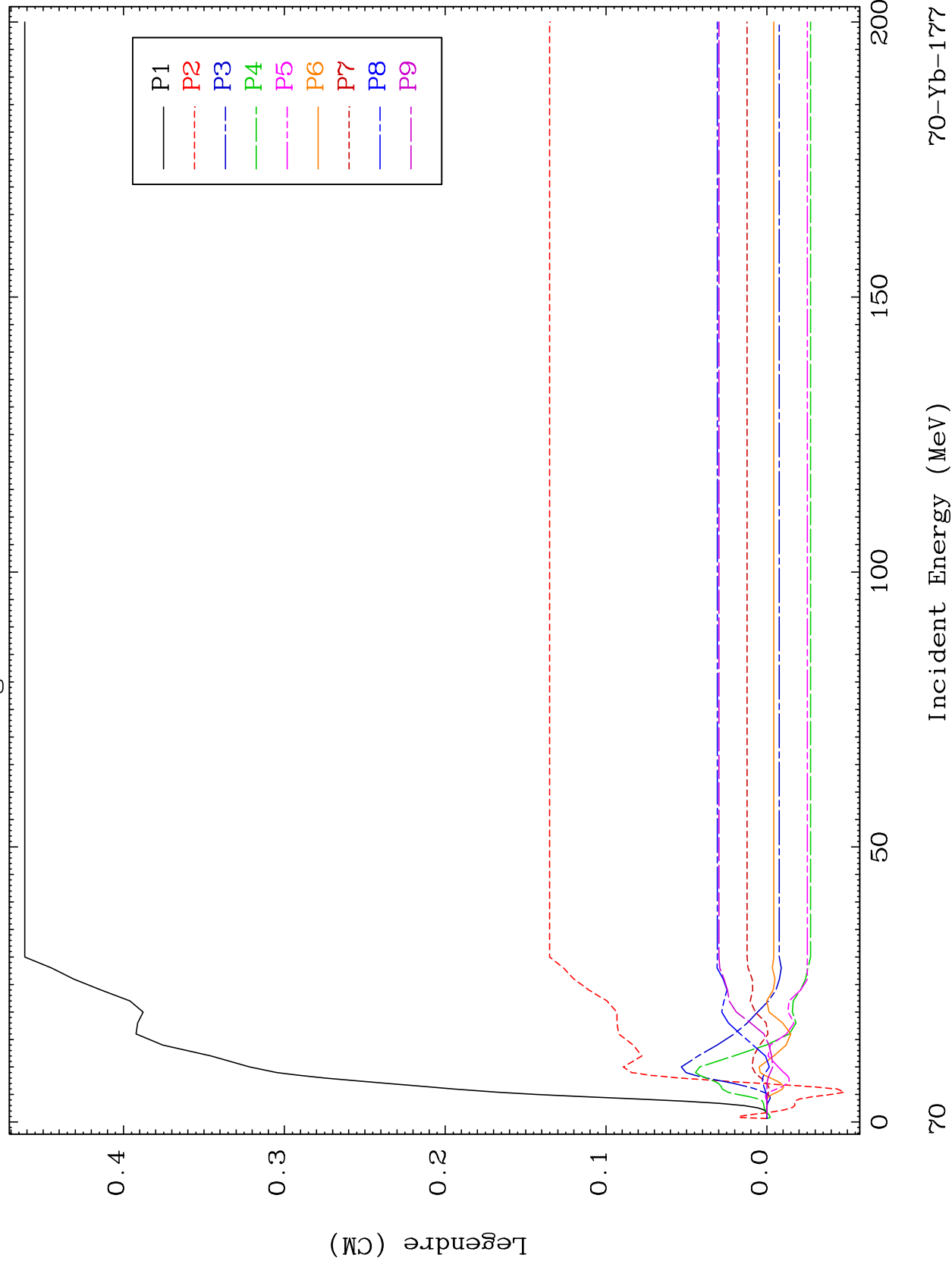
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



70-Yb-177

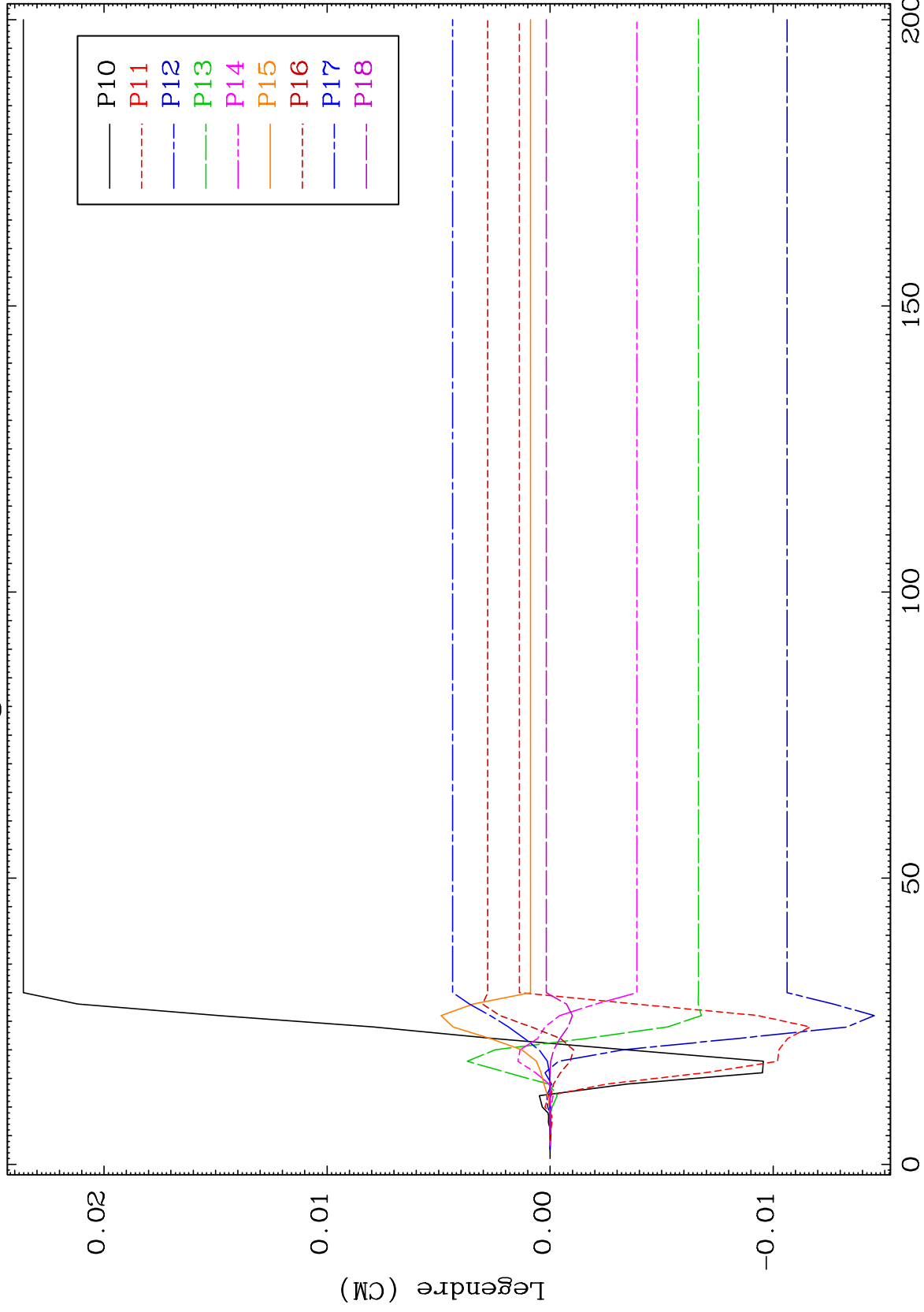
Incident Energy (MeV)

70

MAT 7052

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

70-Yb-177



71

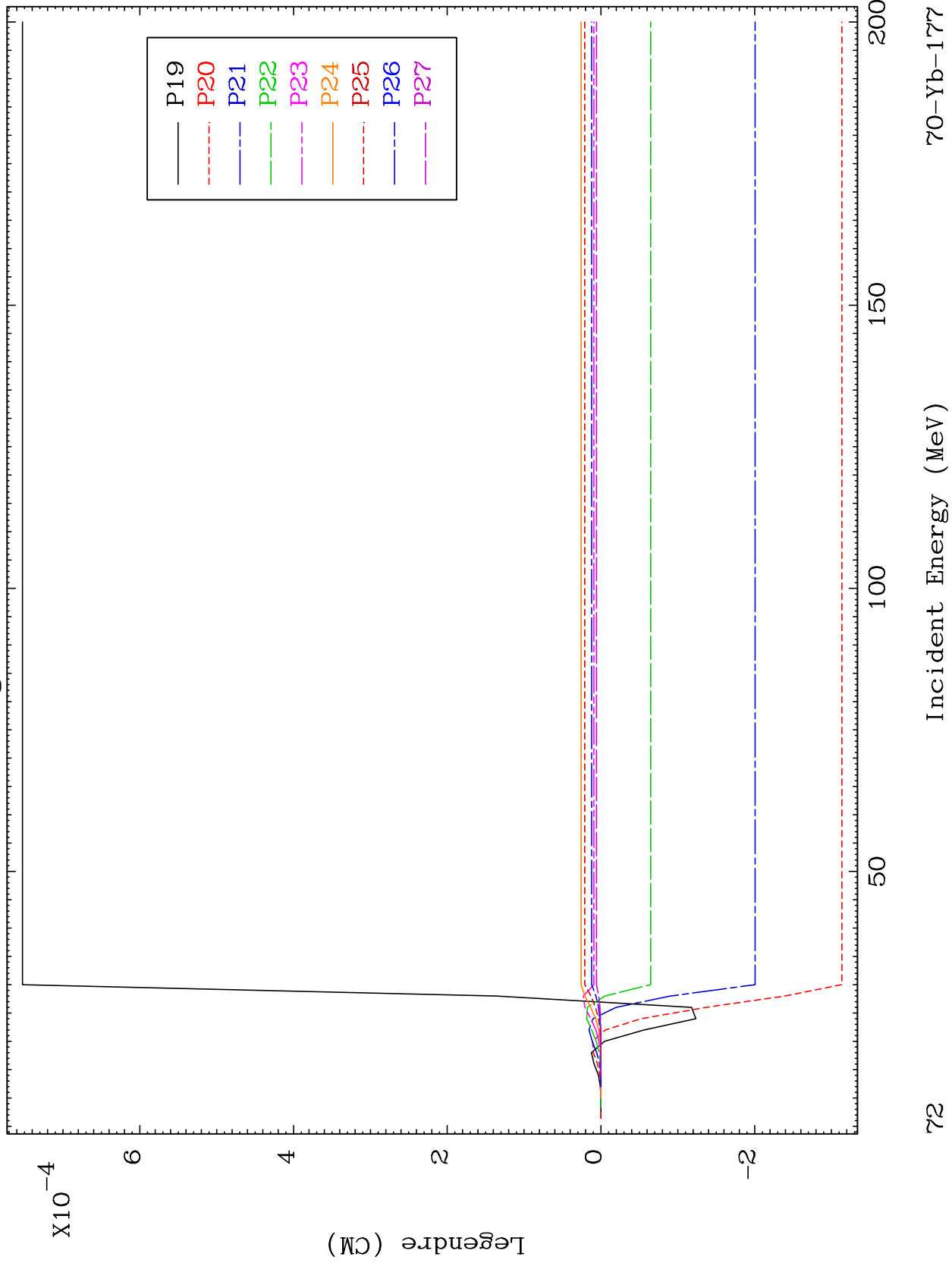
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

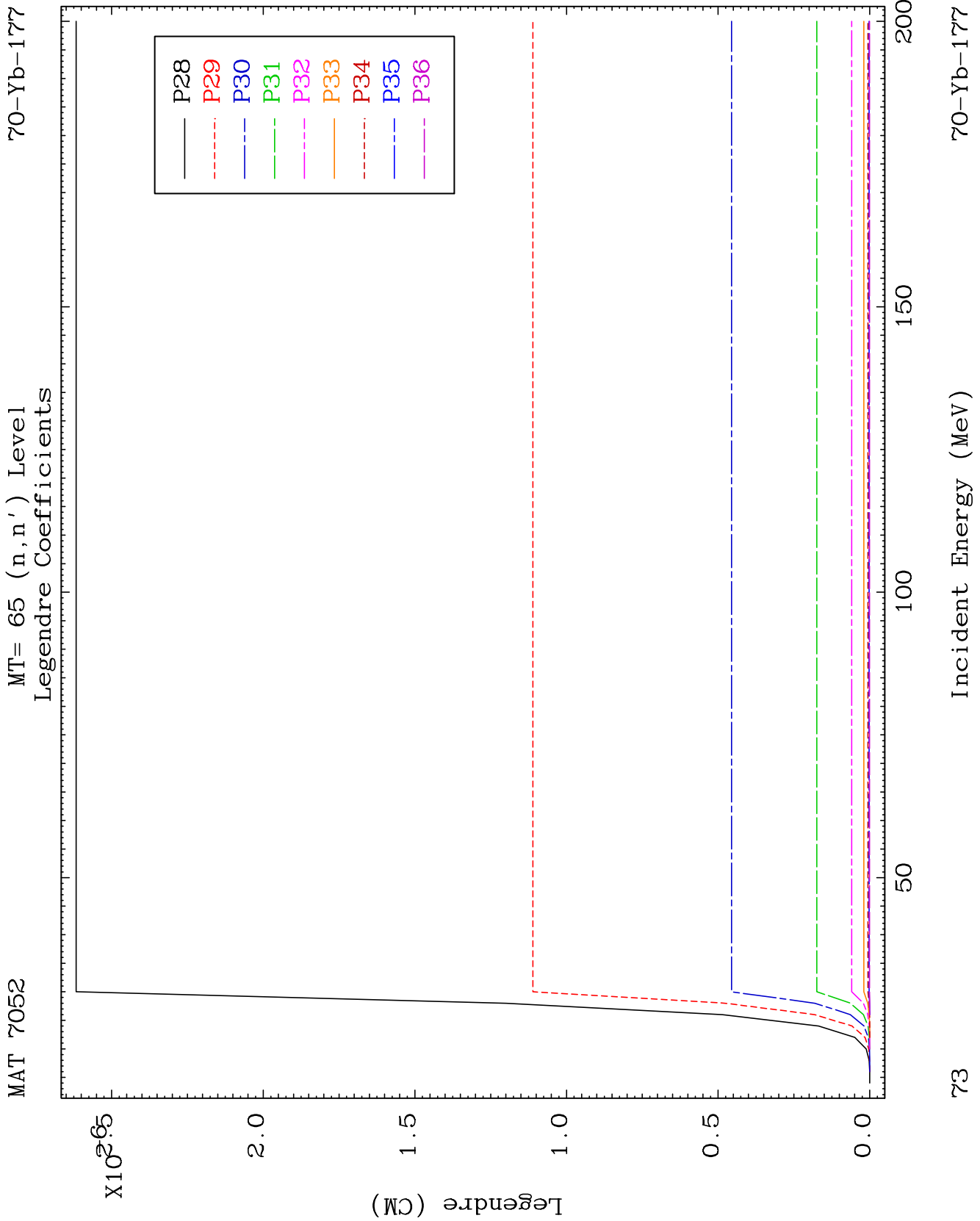
70-Yb-177



72

Incident Energy (MeV)

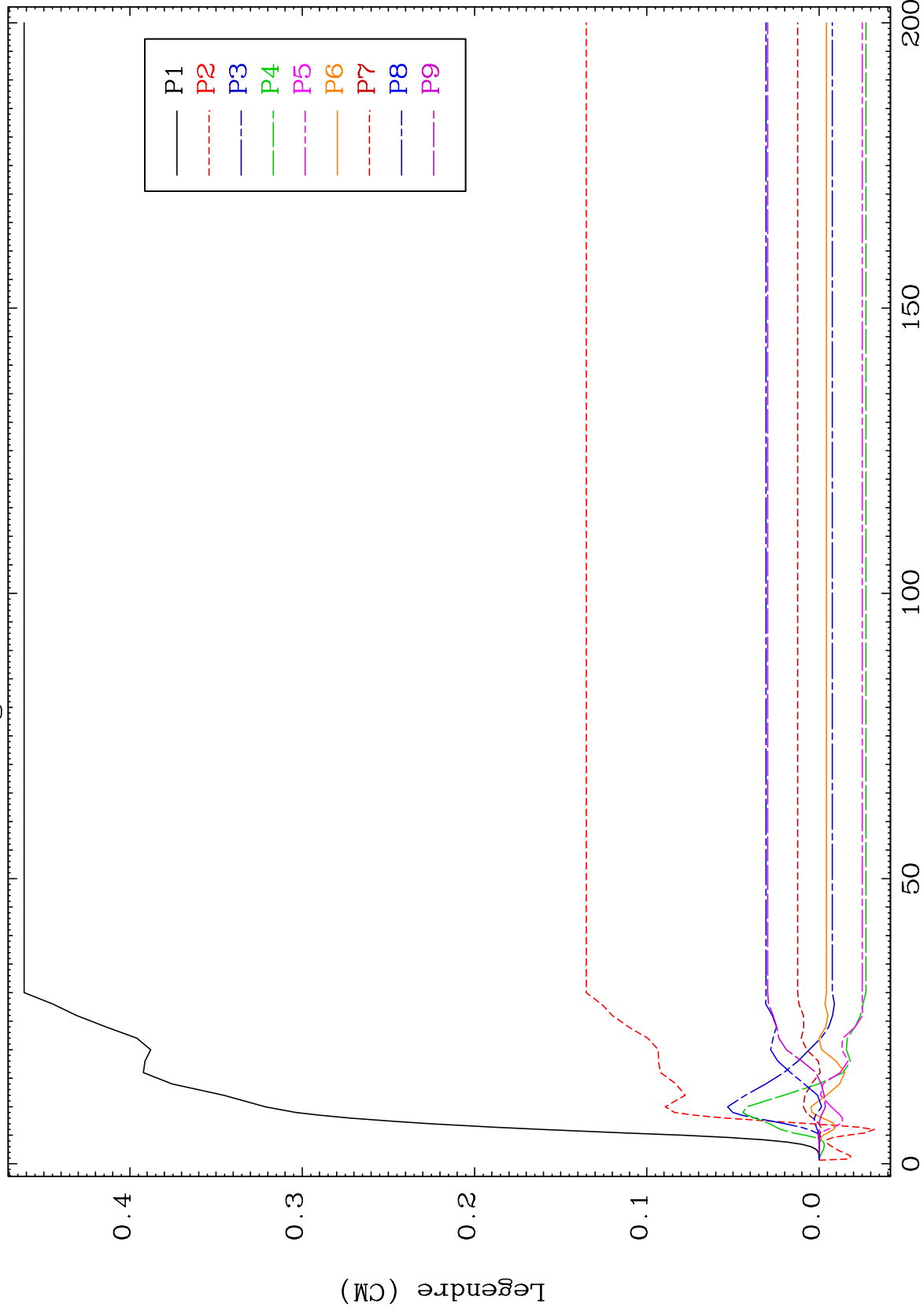
70-Yb-177



MAT 7052

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

70-Yb-177



74

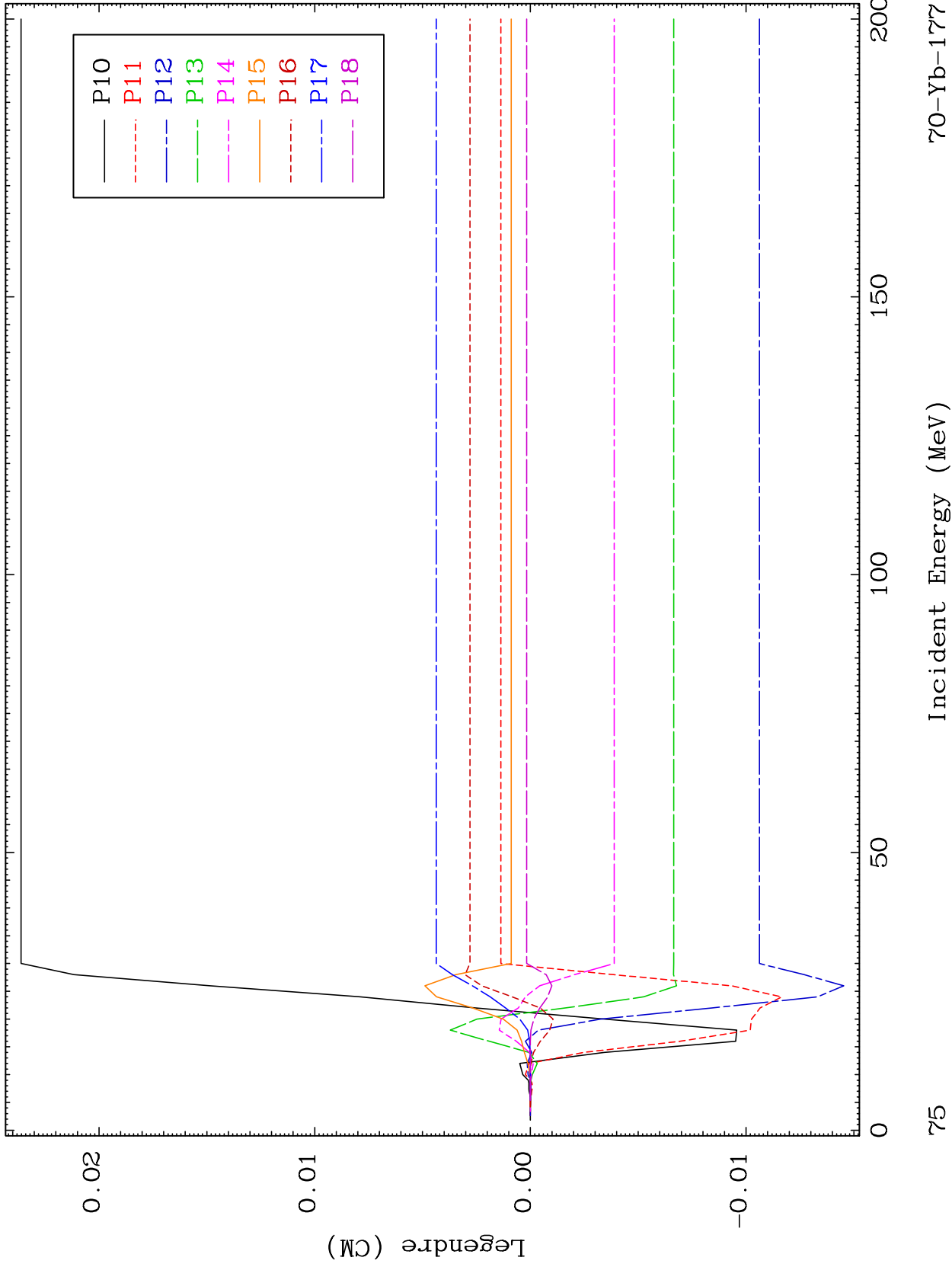
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



70-Yb-177

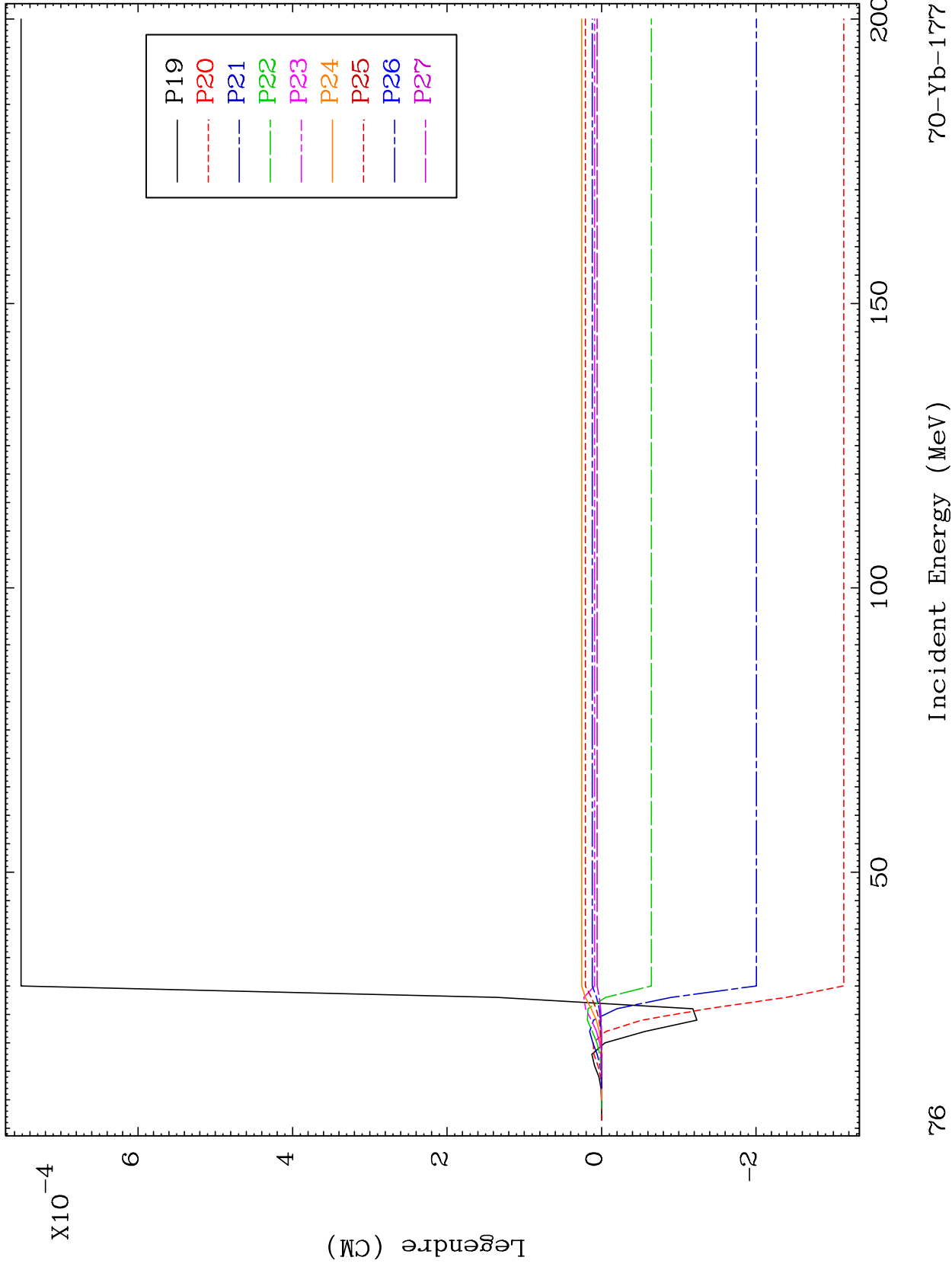
Incident Energy (MeV)

75

MAT 7052

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

70-Yb-177



76

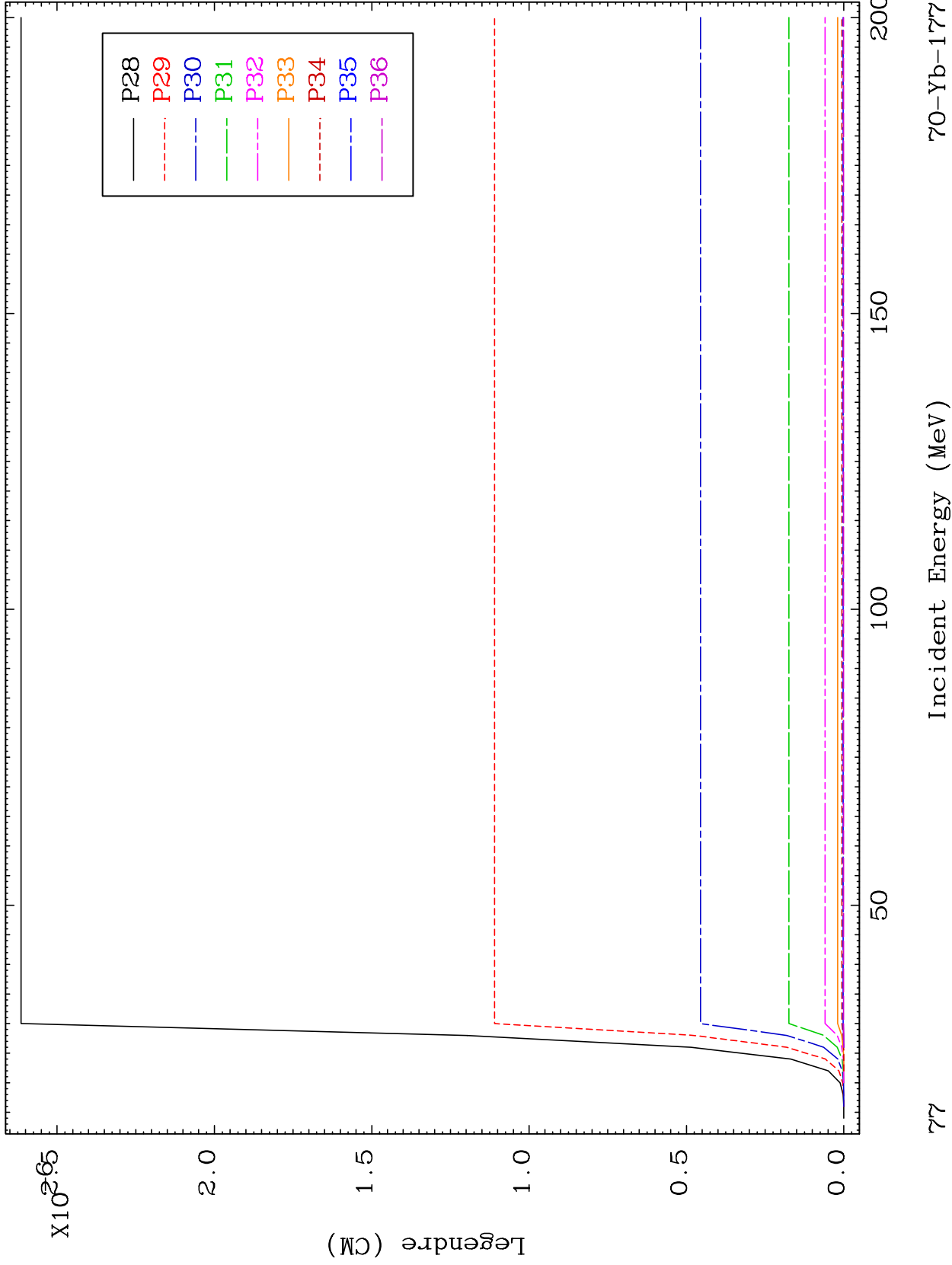
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

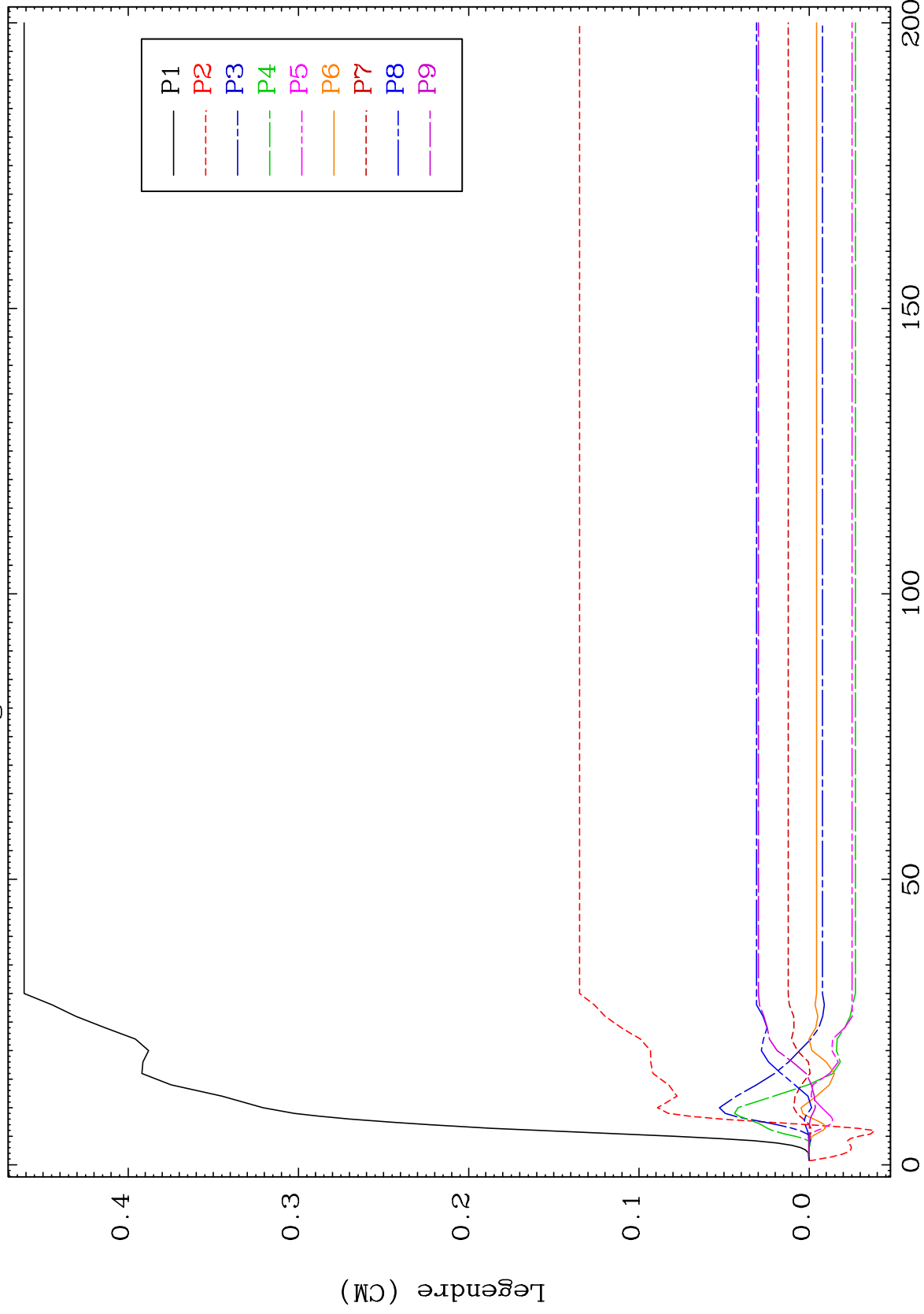
70-Yb-177



MAT 7052

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

70-Yb-177



78

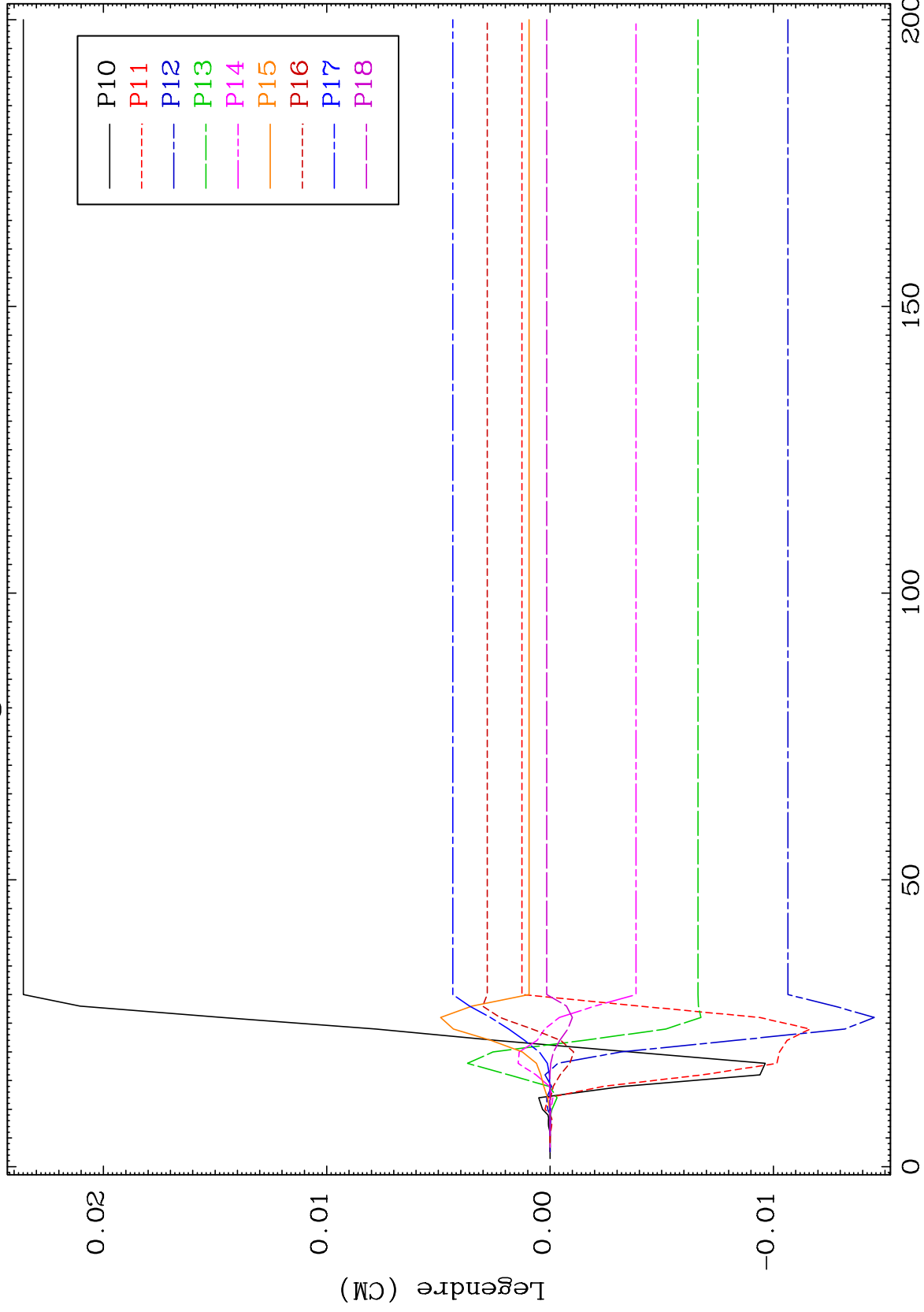
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



79

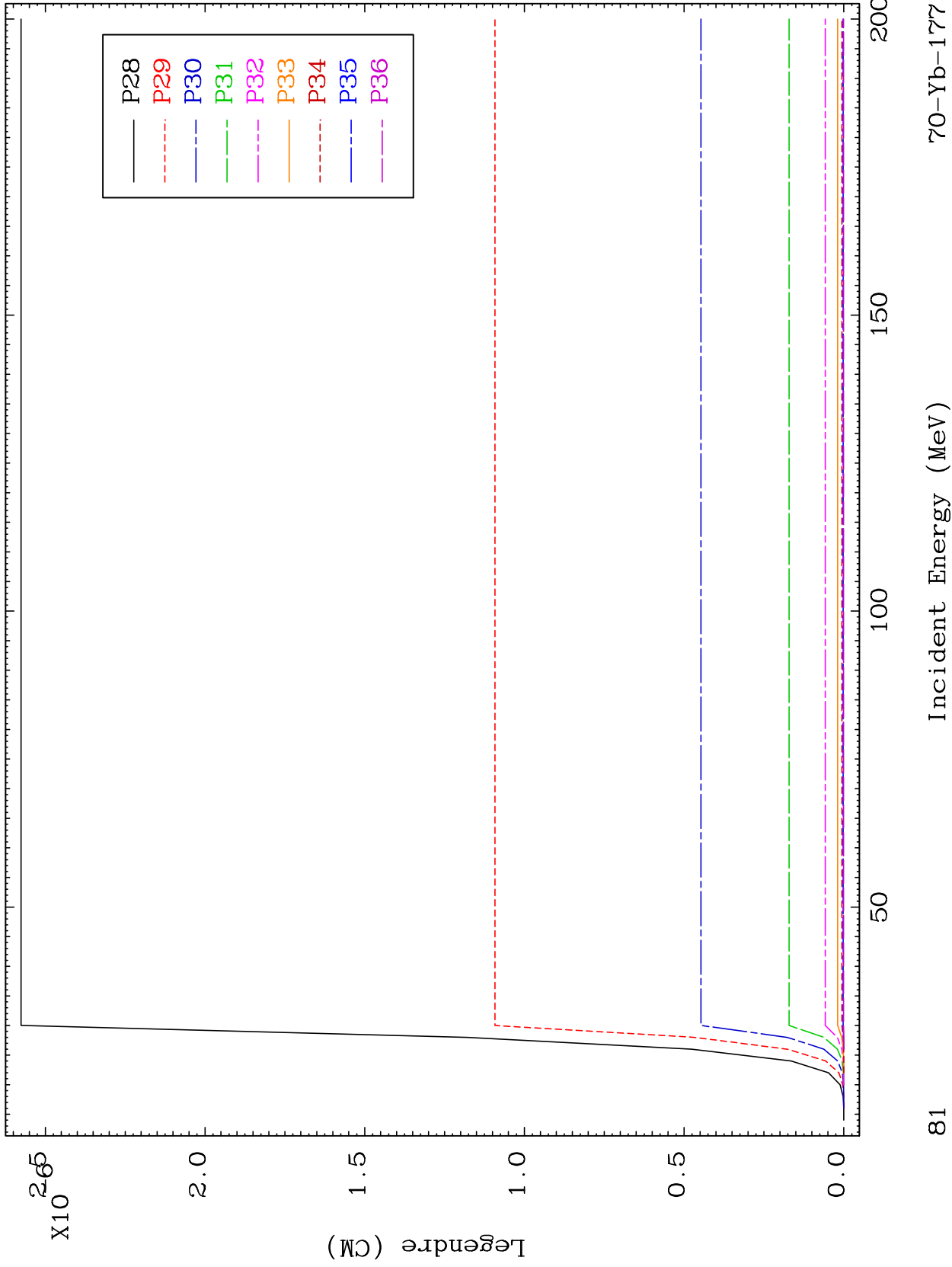
Incident Energy (MeV)

70-Yb-177

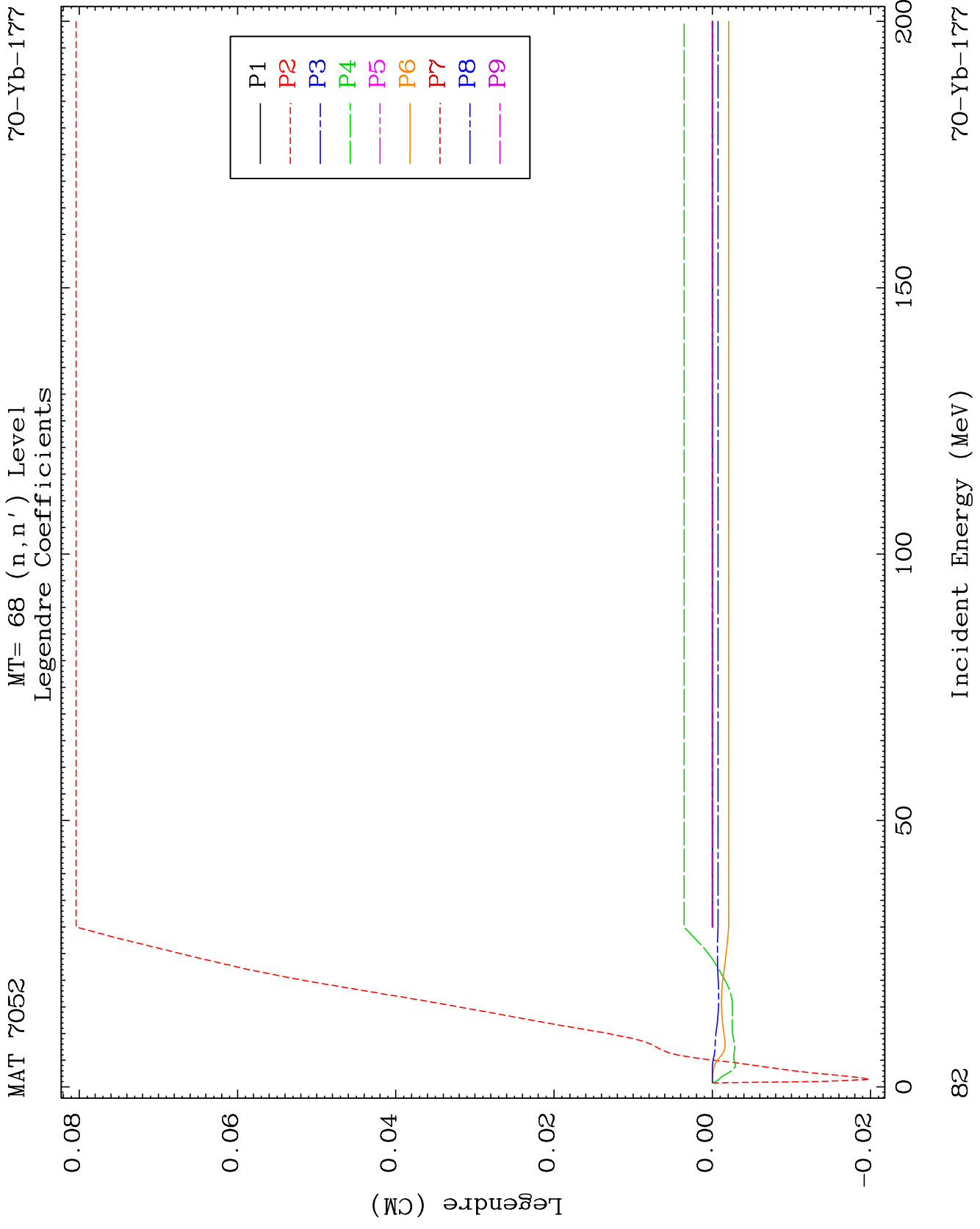
MAT 7052

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

70-Yb-177



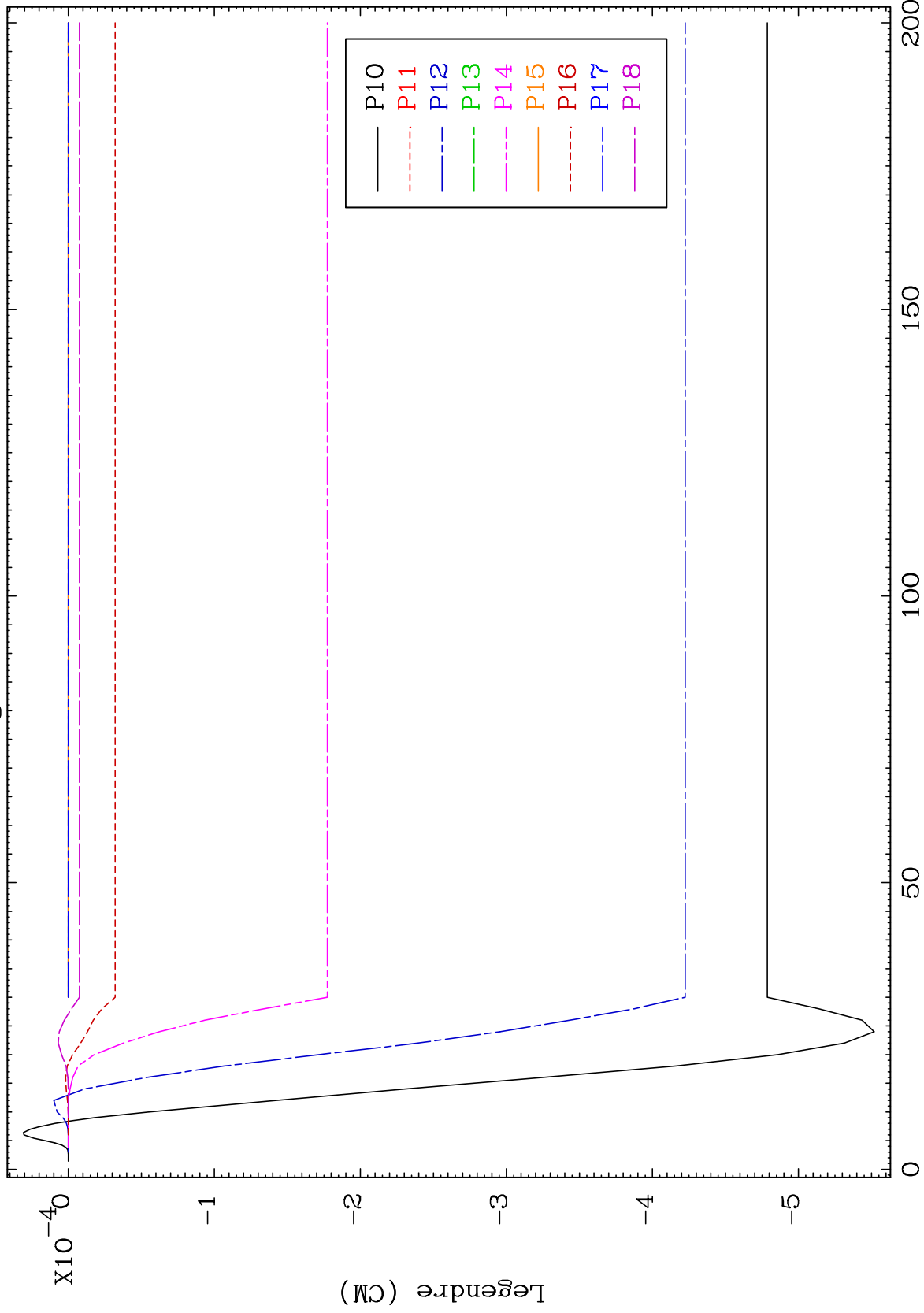
81



MAT 7052

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

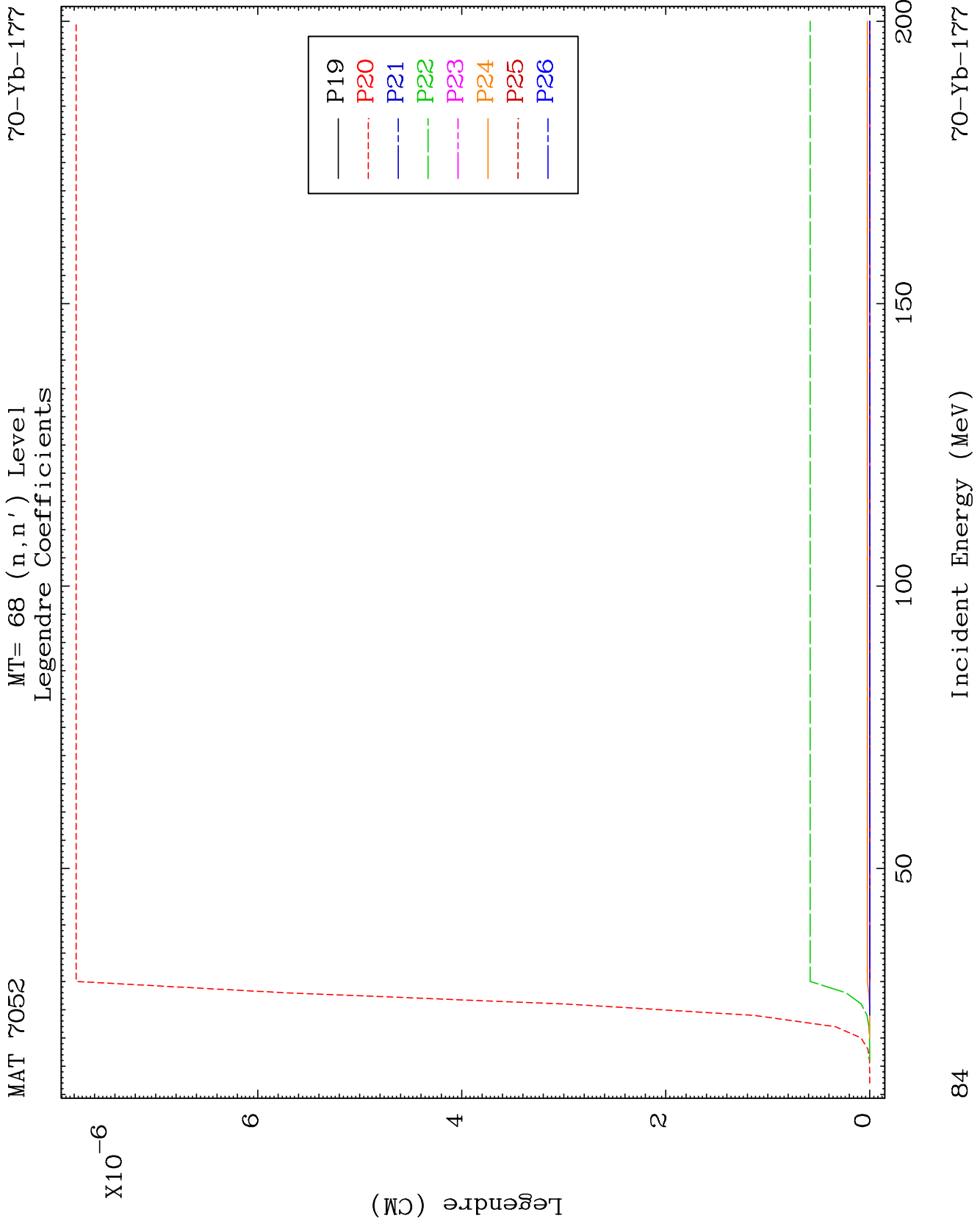
70-Yb-177

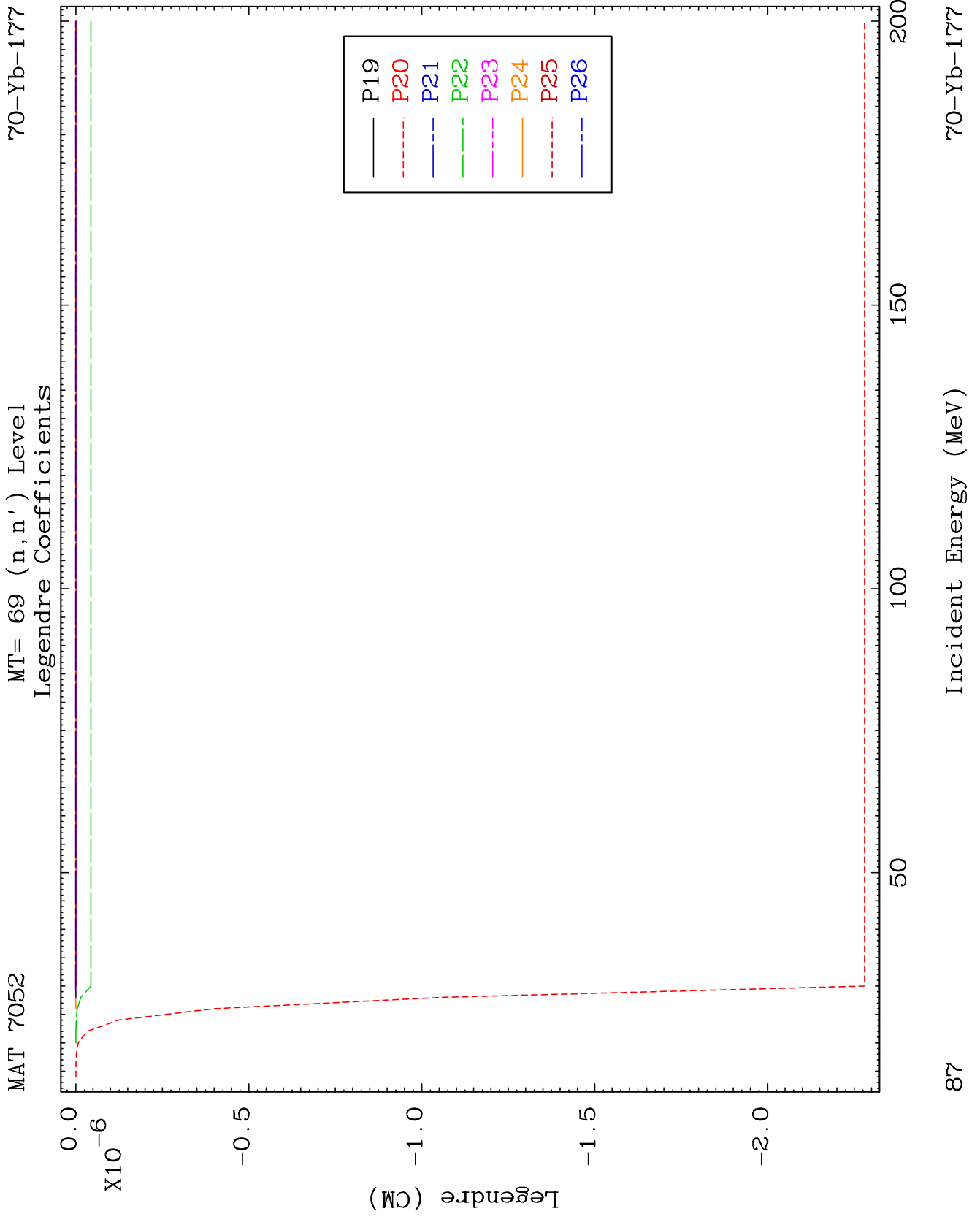


83

Incident Energy (MeV)

70-Yb-177

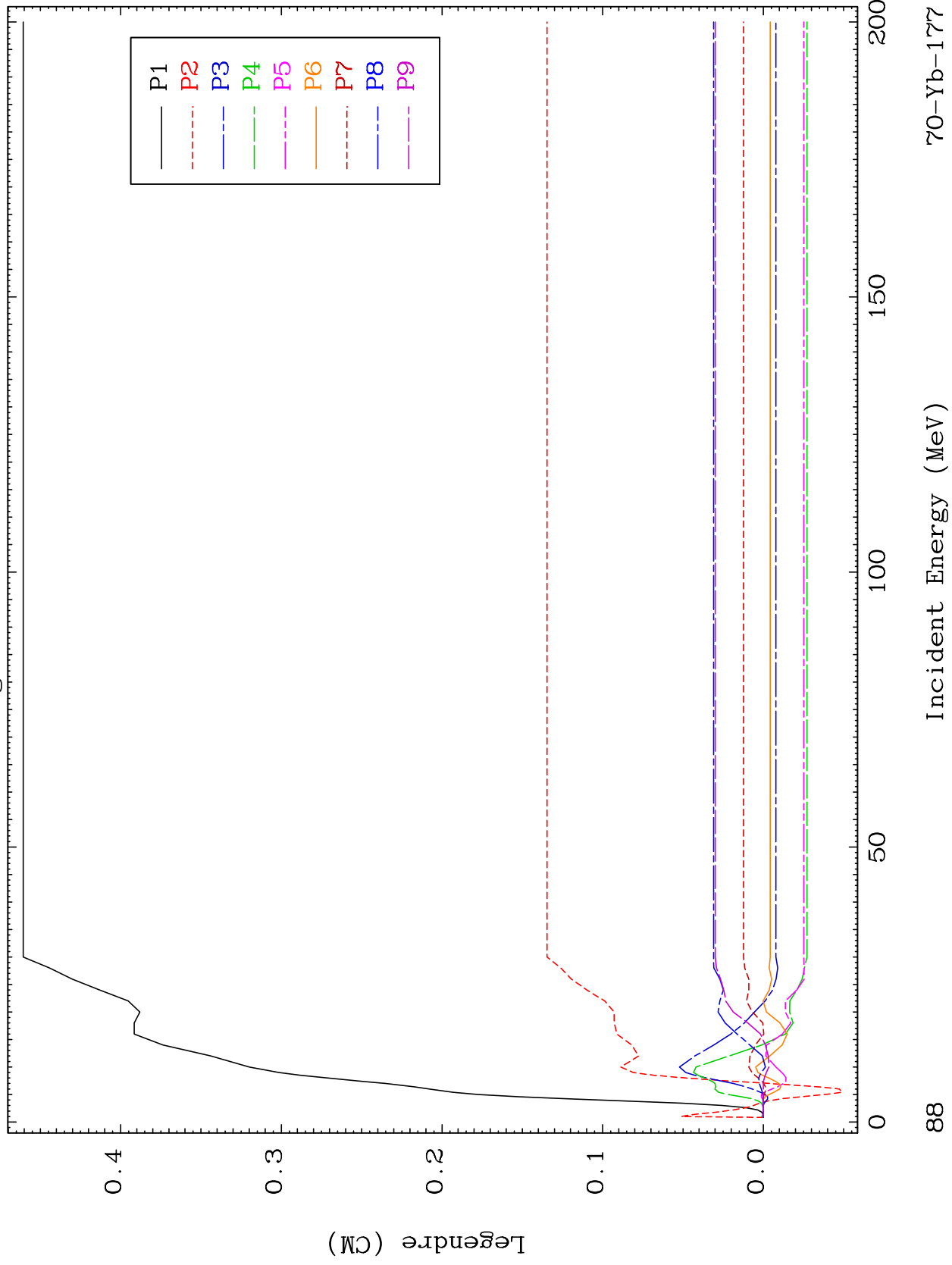




MAT 7052

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

70-Yb-177



88

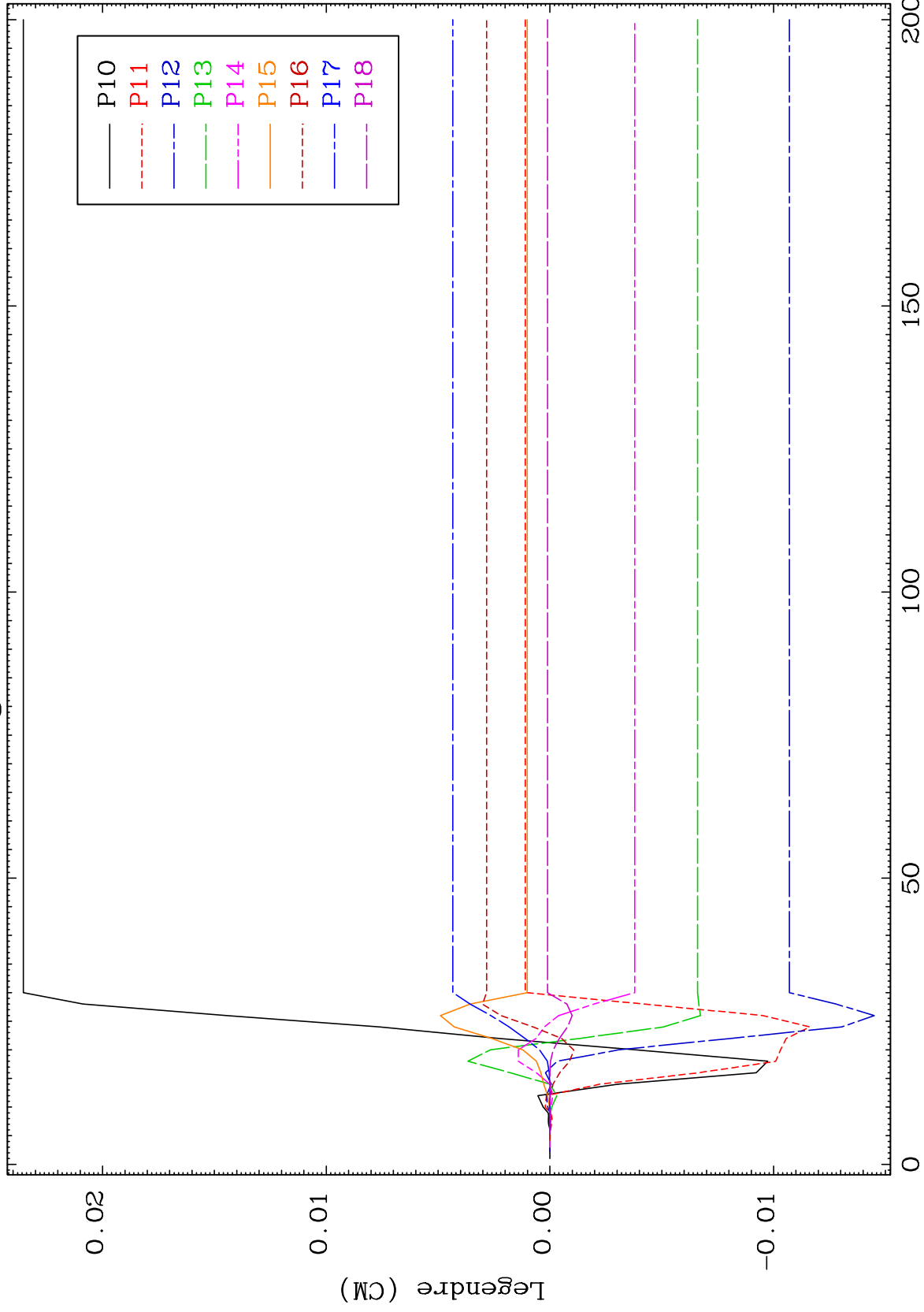
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



89

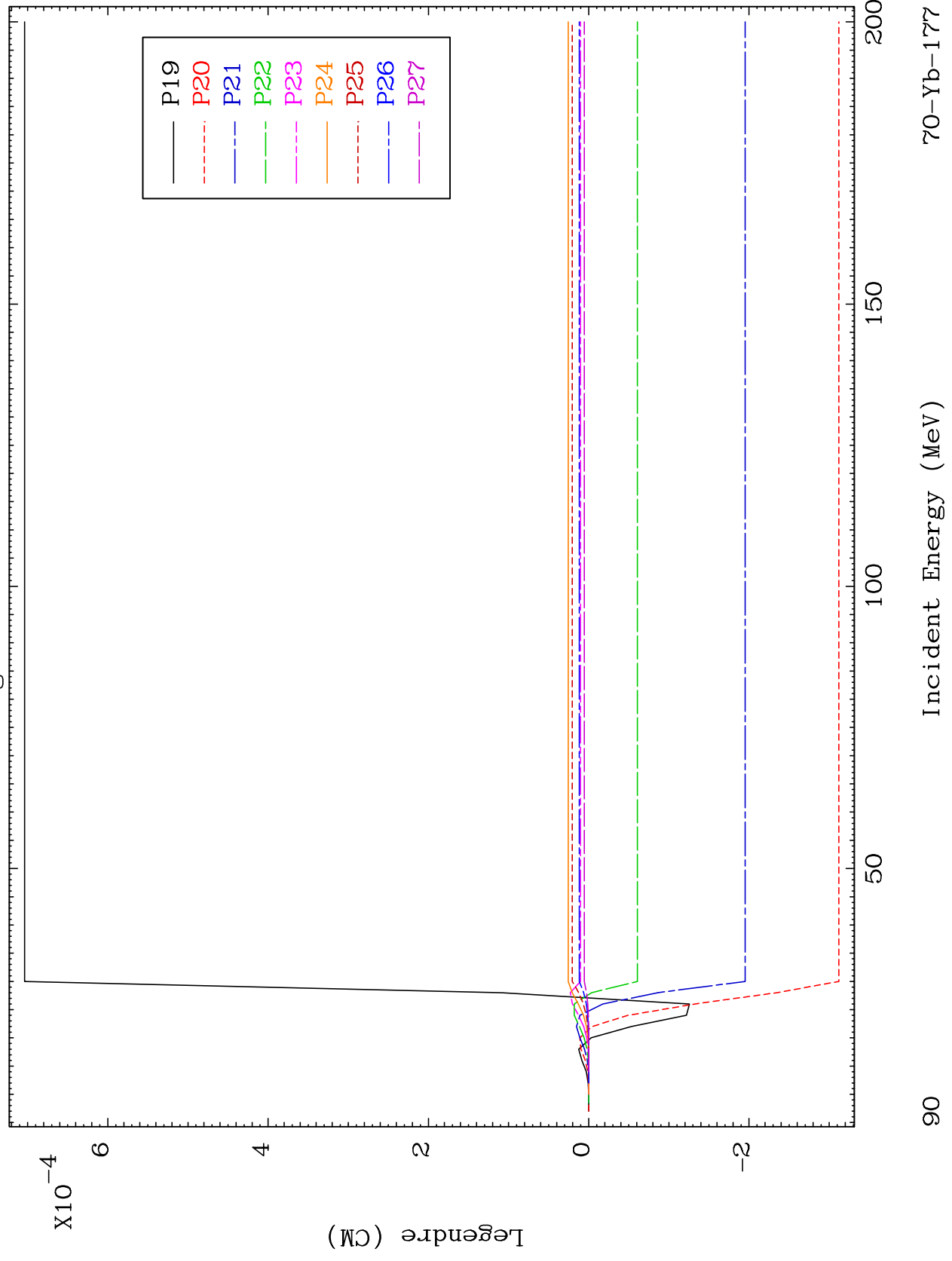
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



90

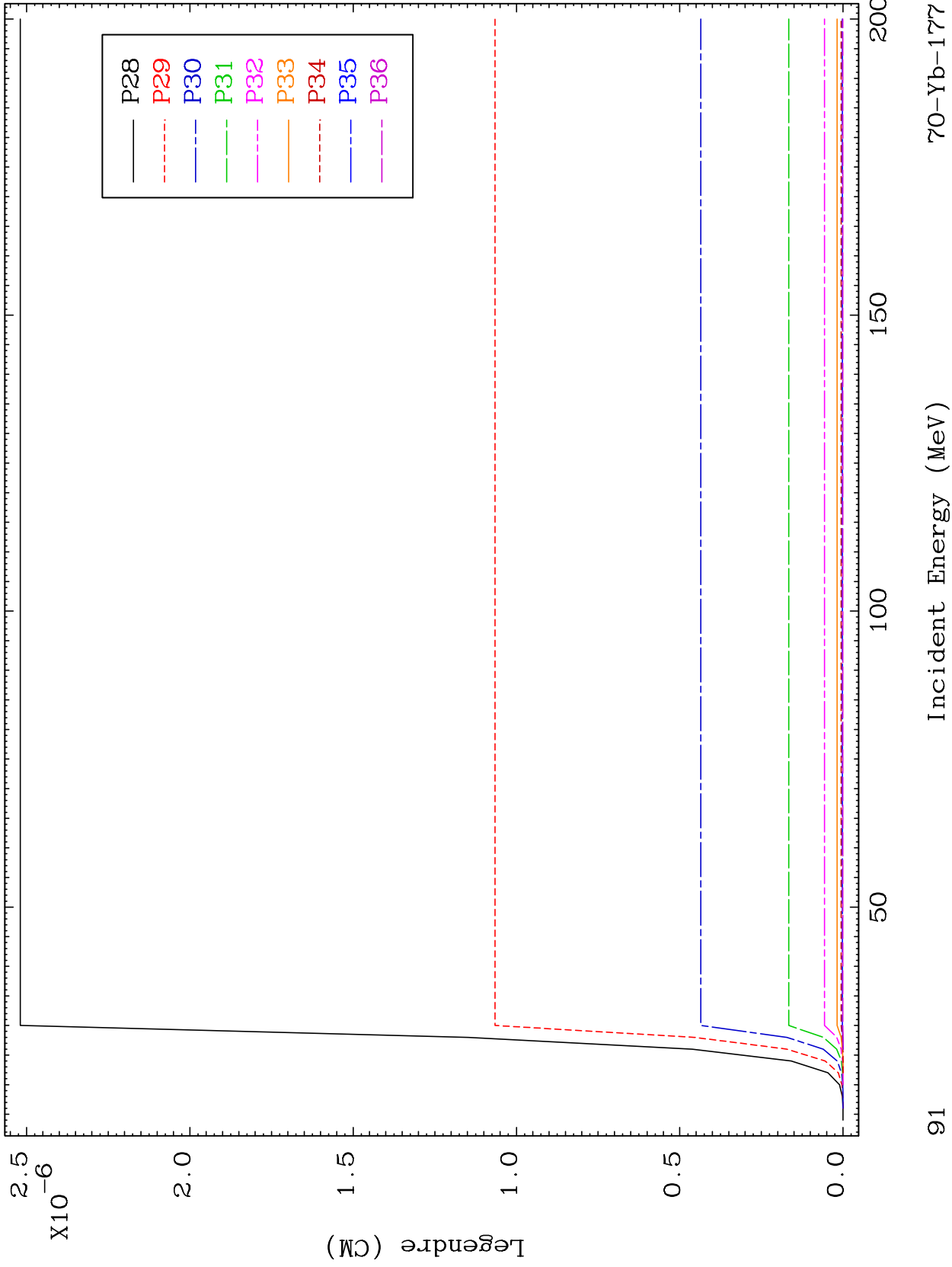
Incident Energy (MeV)

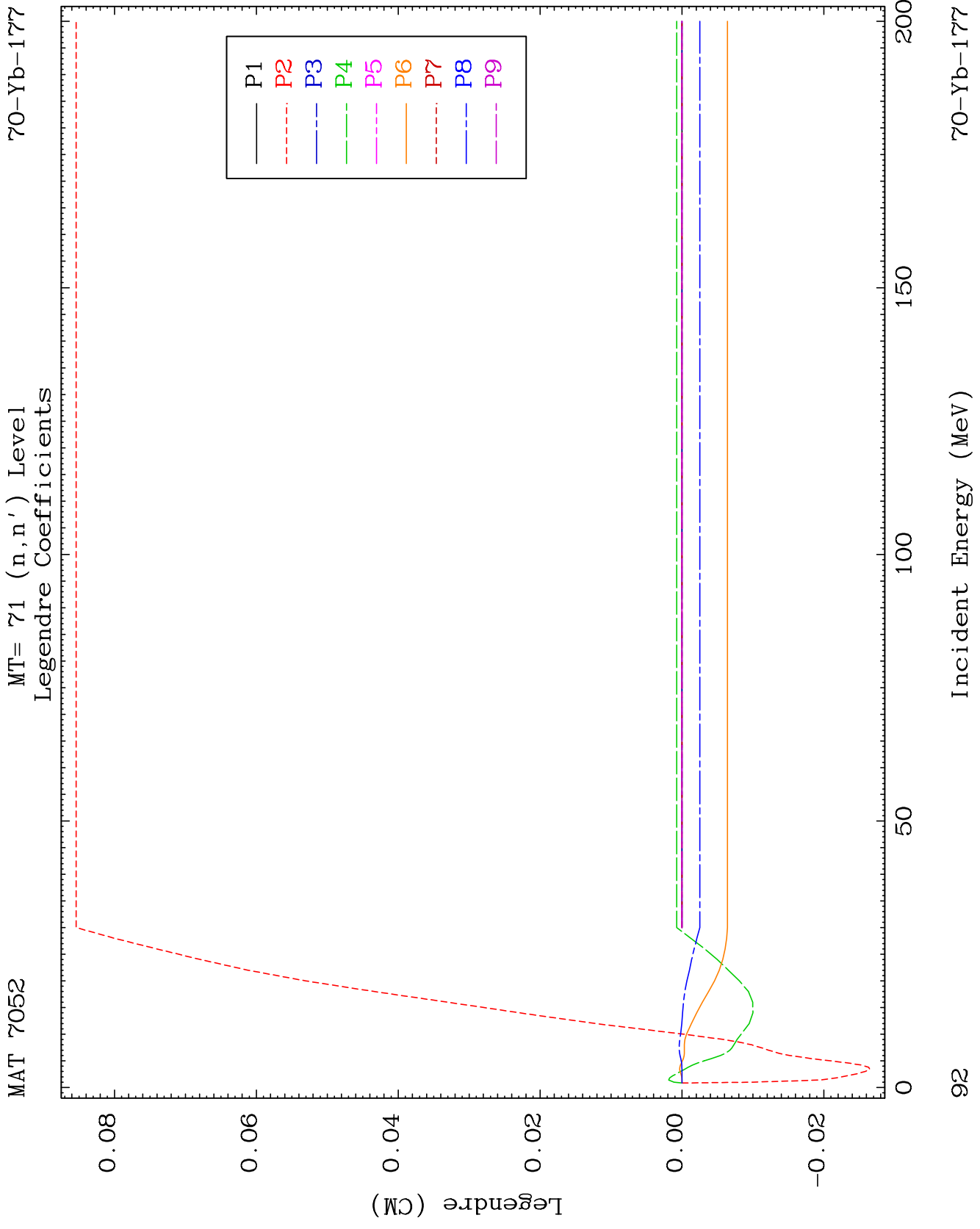
70-Yb-177

MAT 7052

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

70-Yb-177

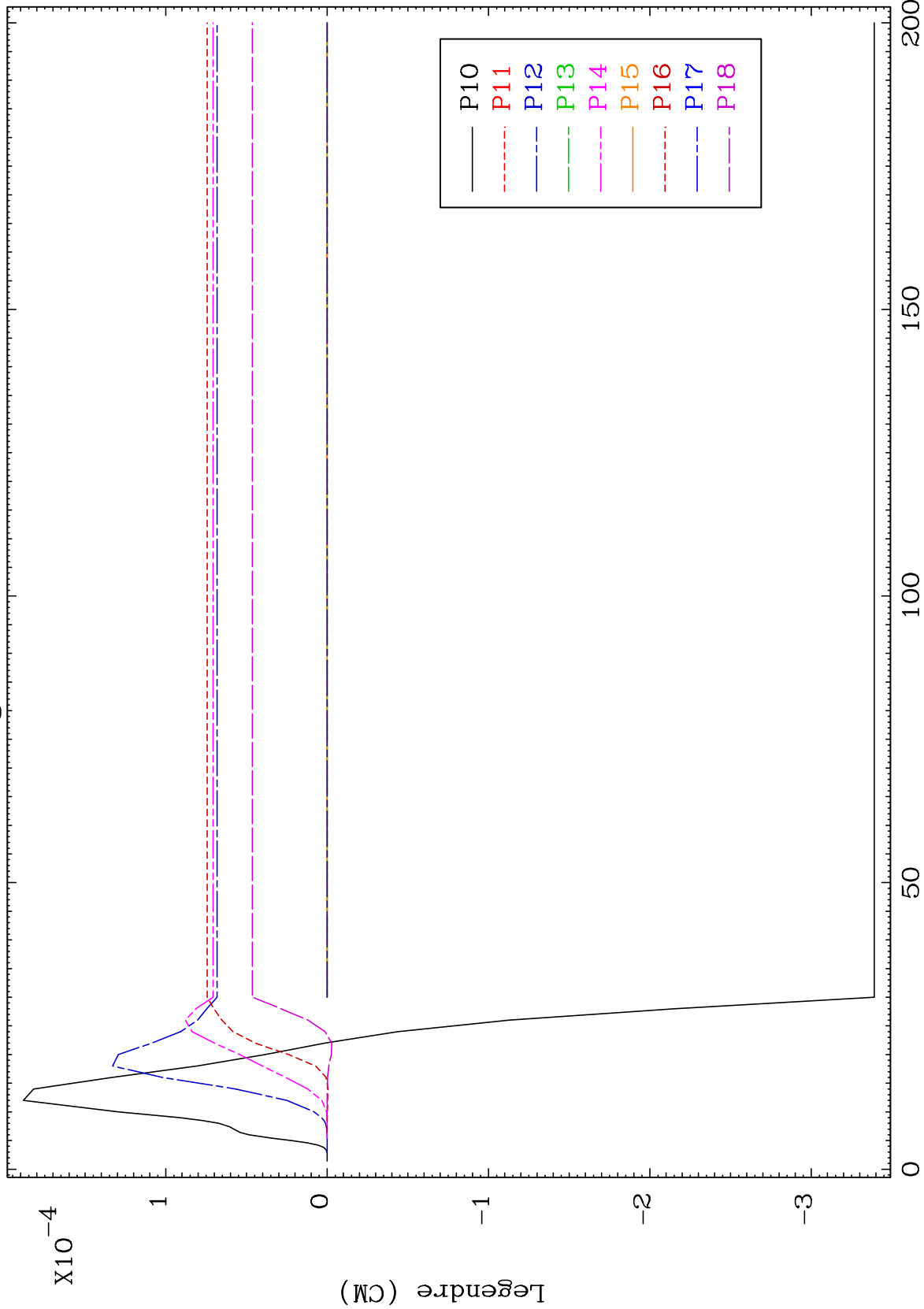




MAT 7052

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

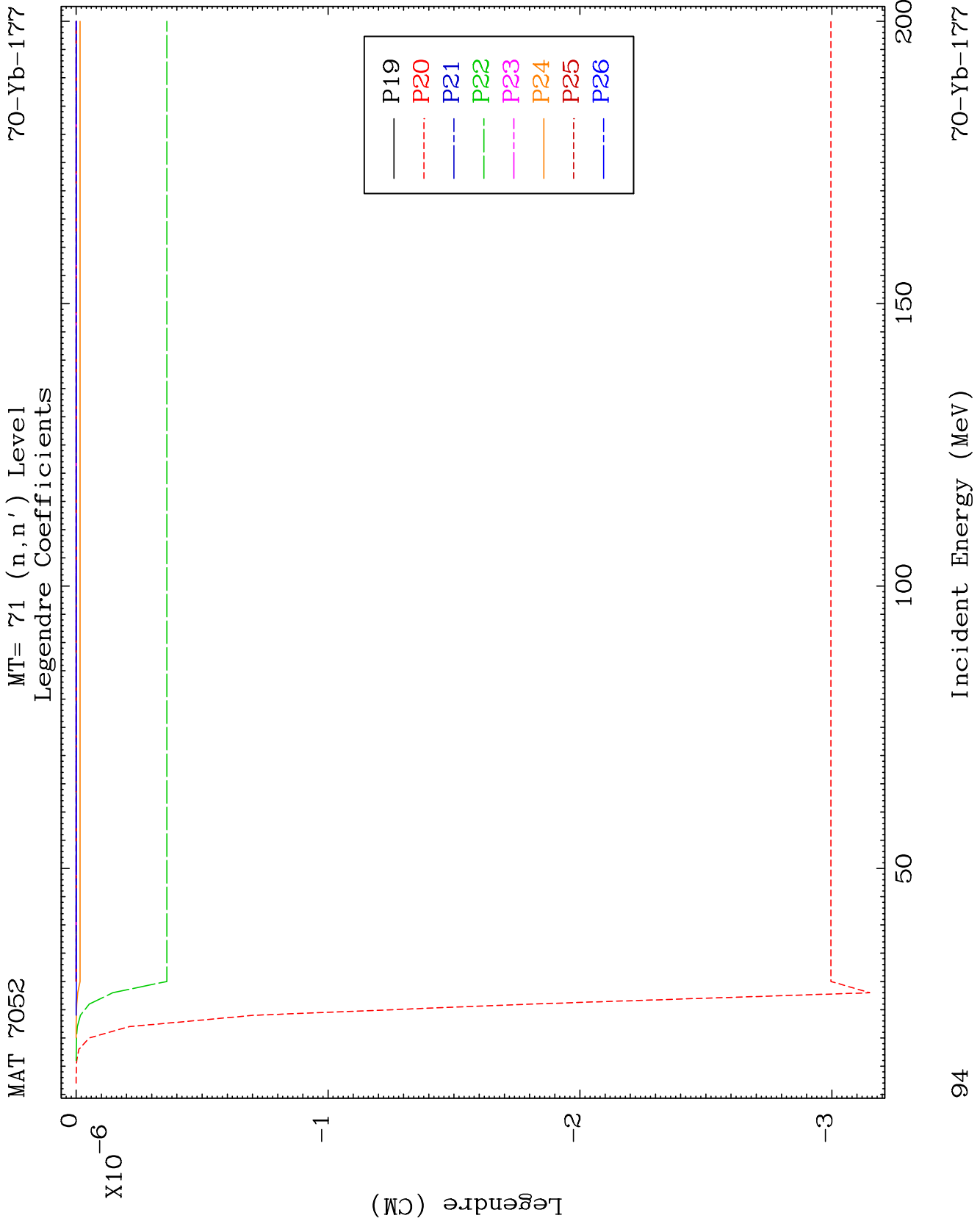
70-Yb-177

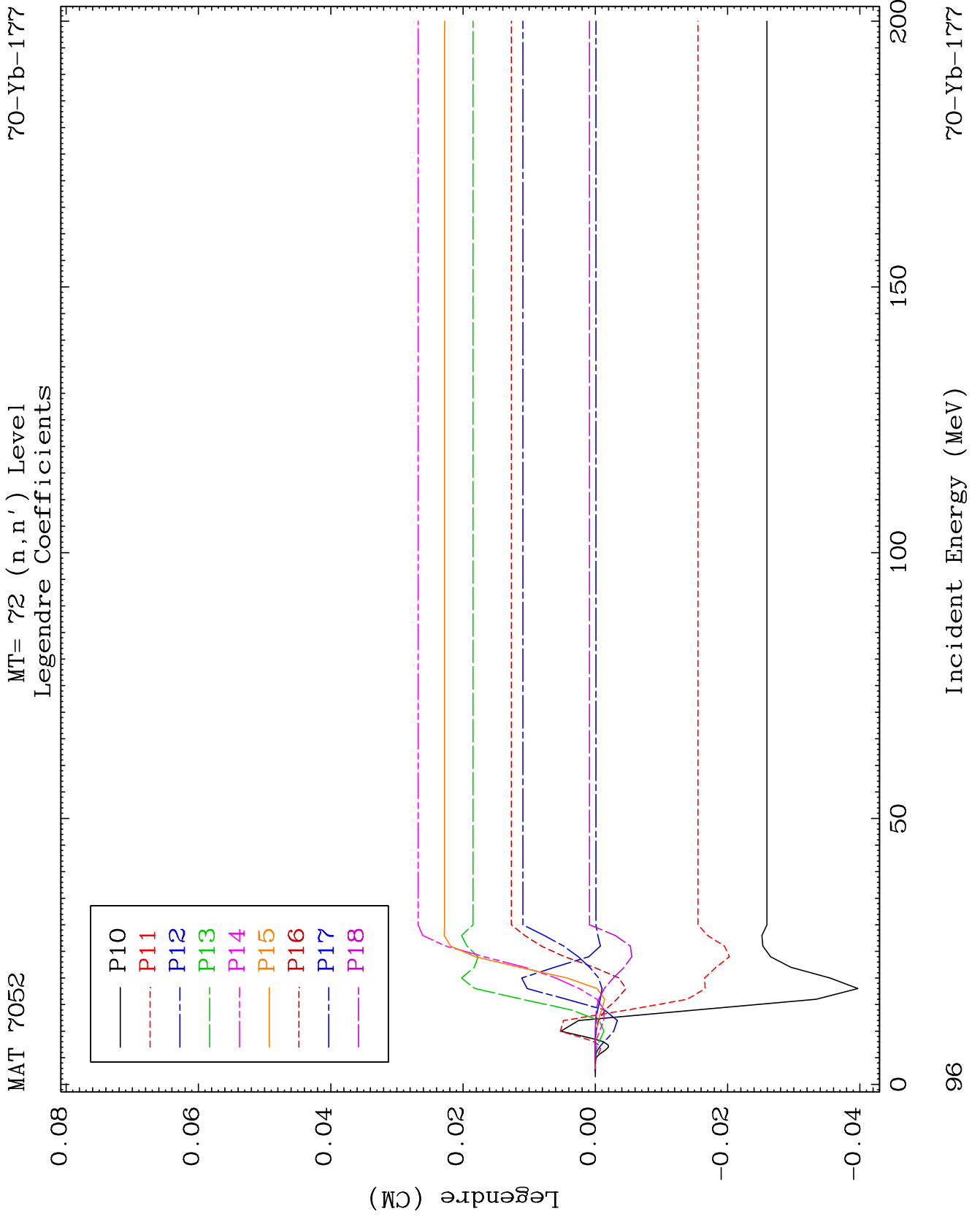


93

Incident Energy (MeV)

70-Yb-177

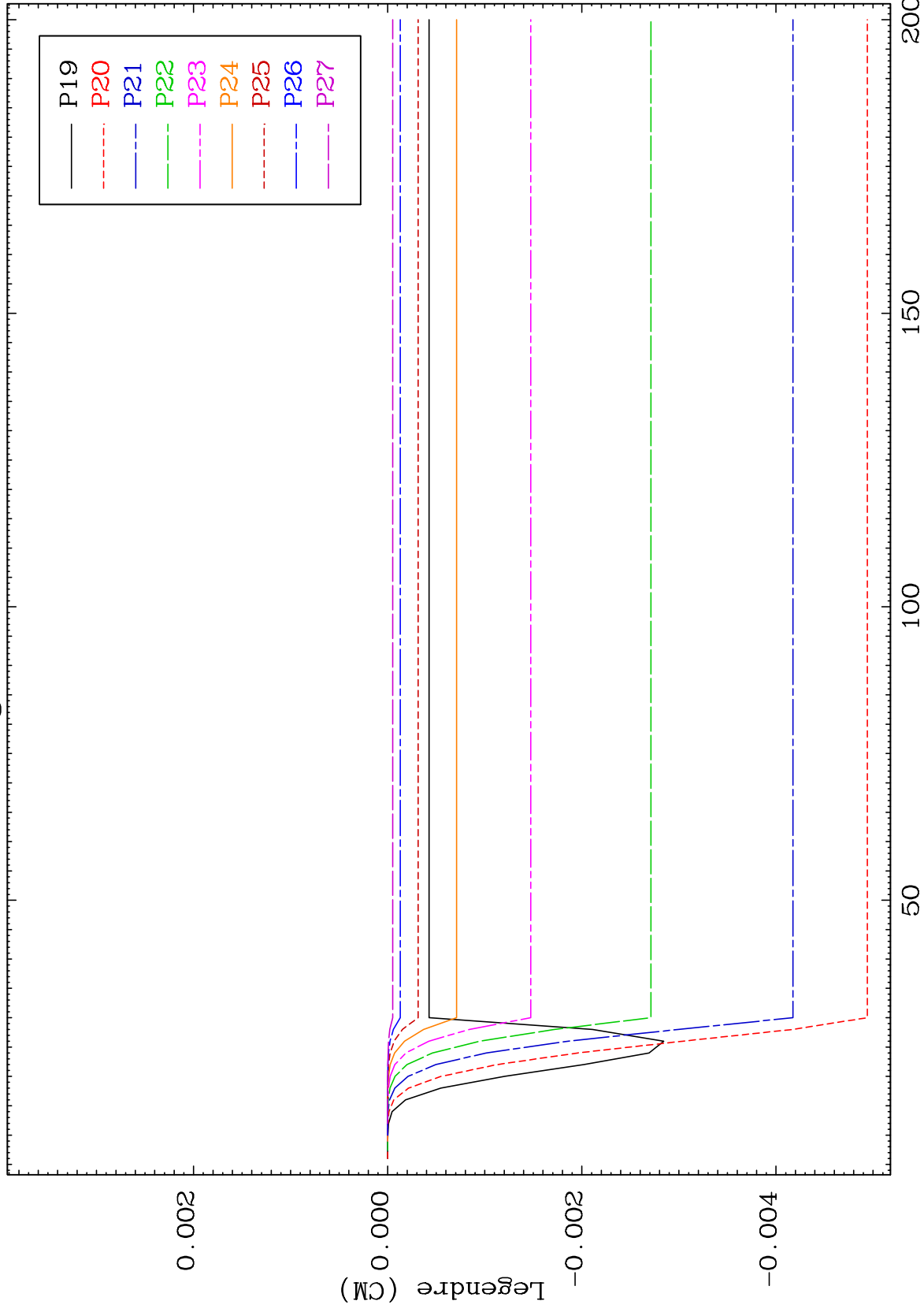




MAT 7052

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

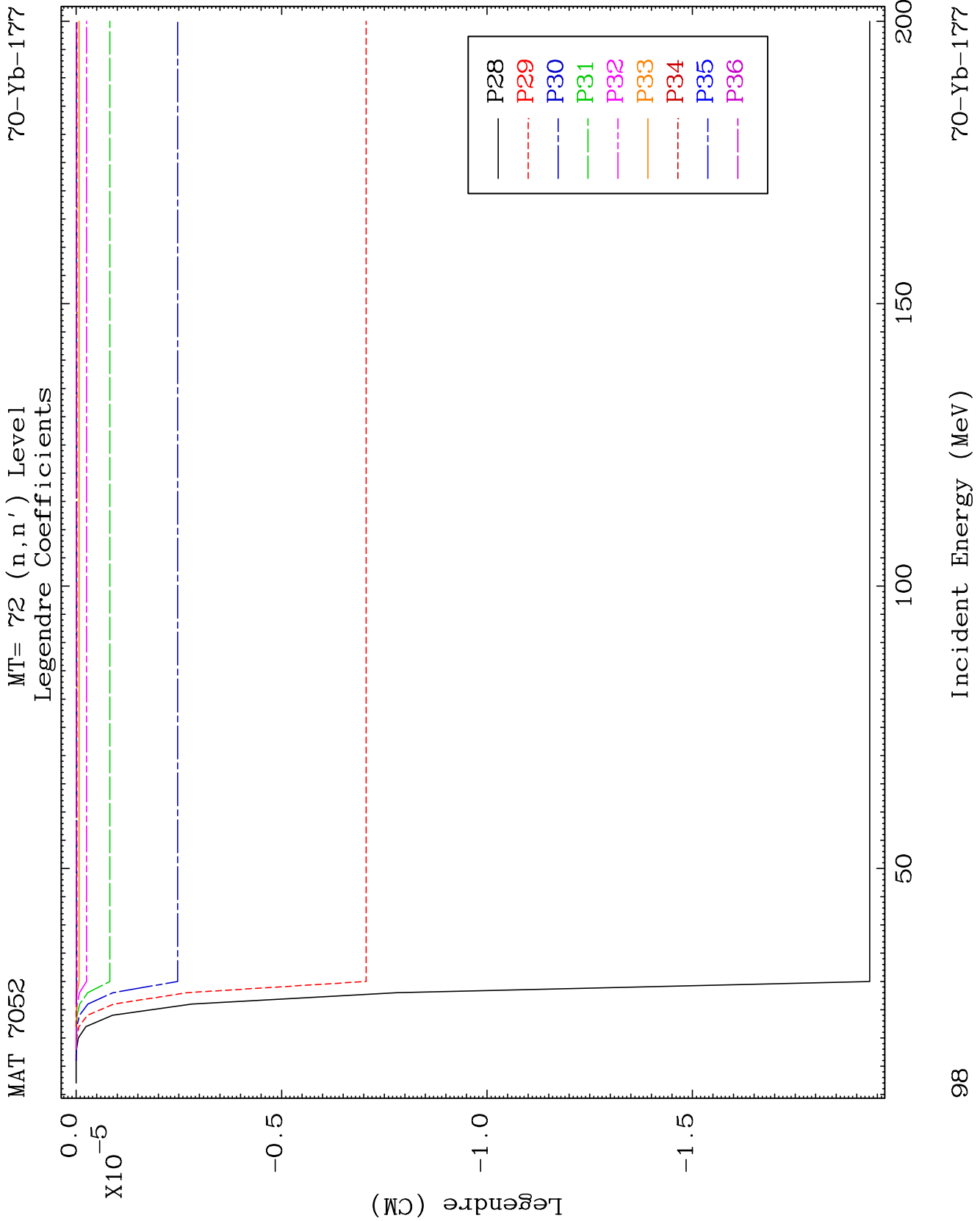
70-Yb-177

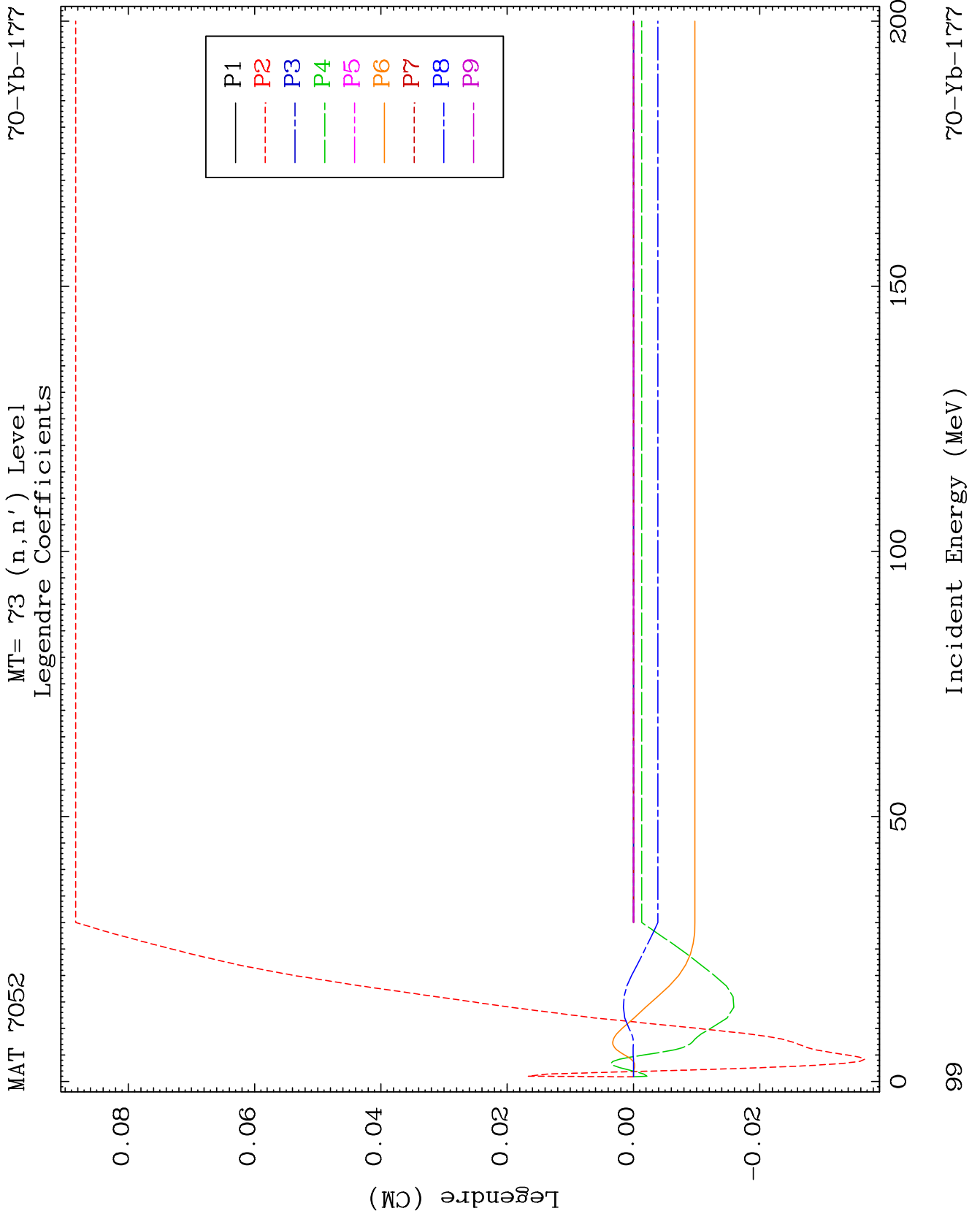


97

Incident Energy (MeV)

70-Yb-177

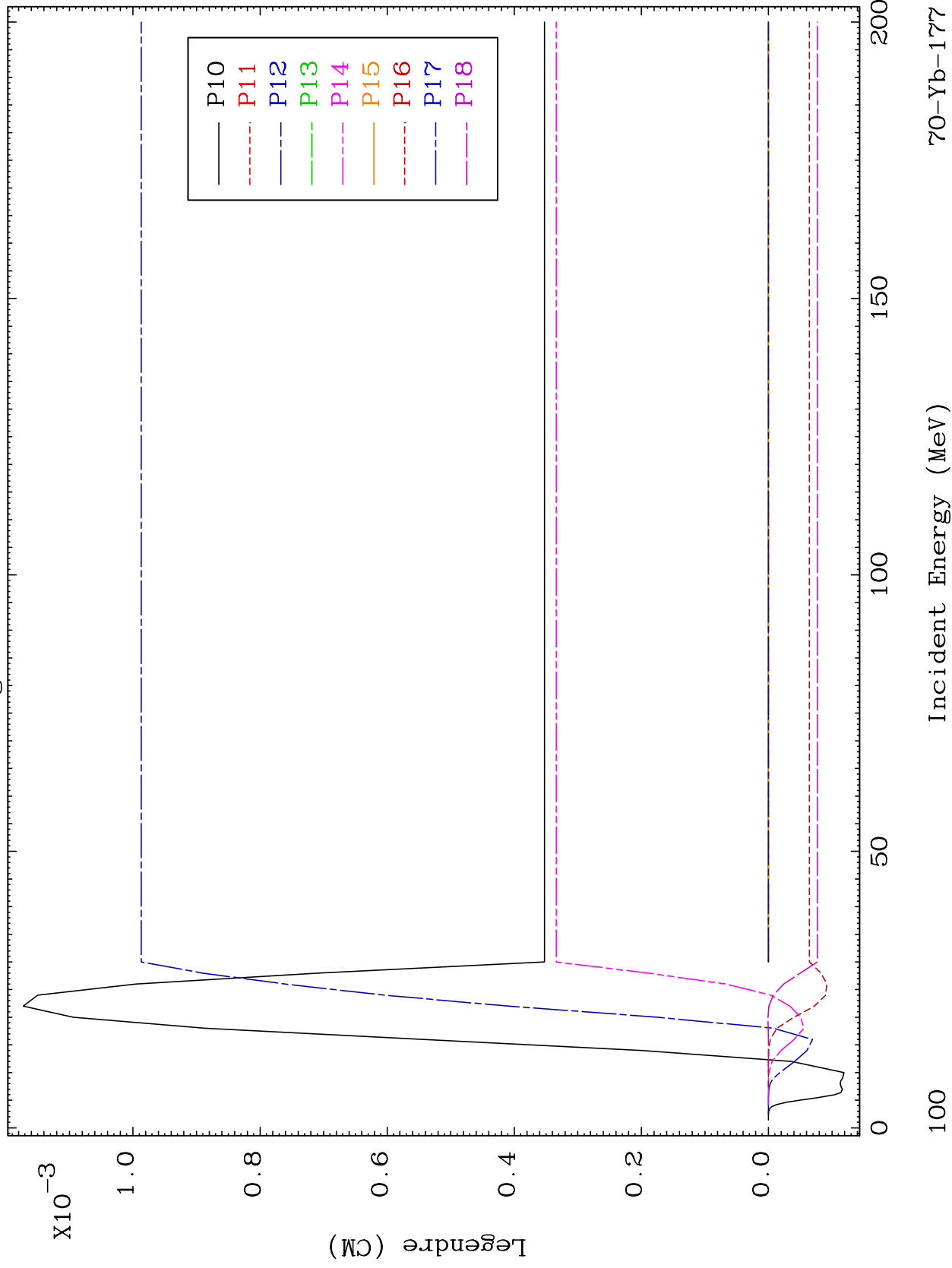


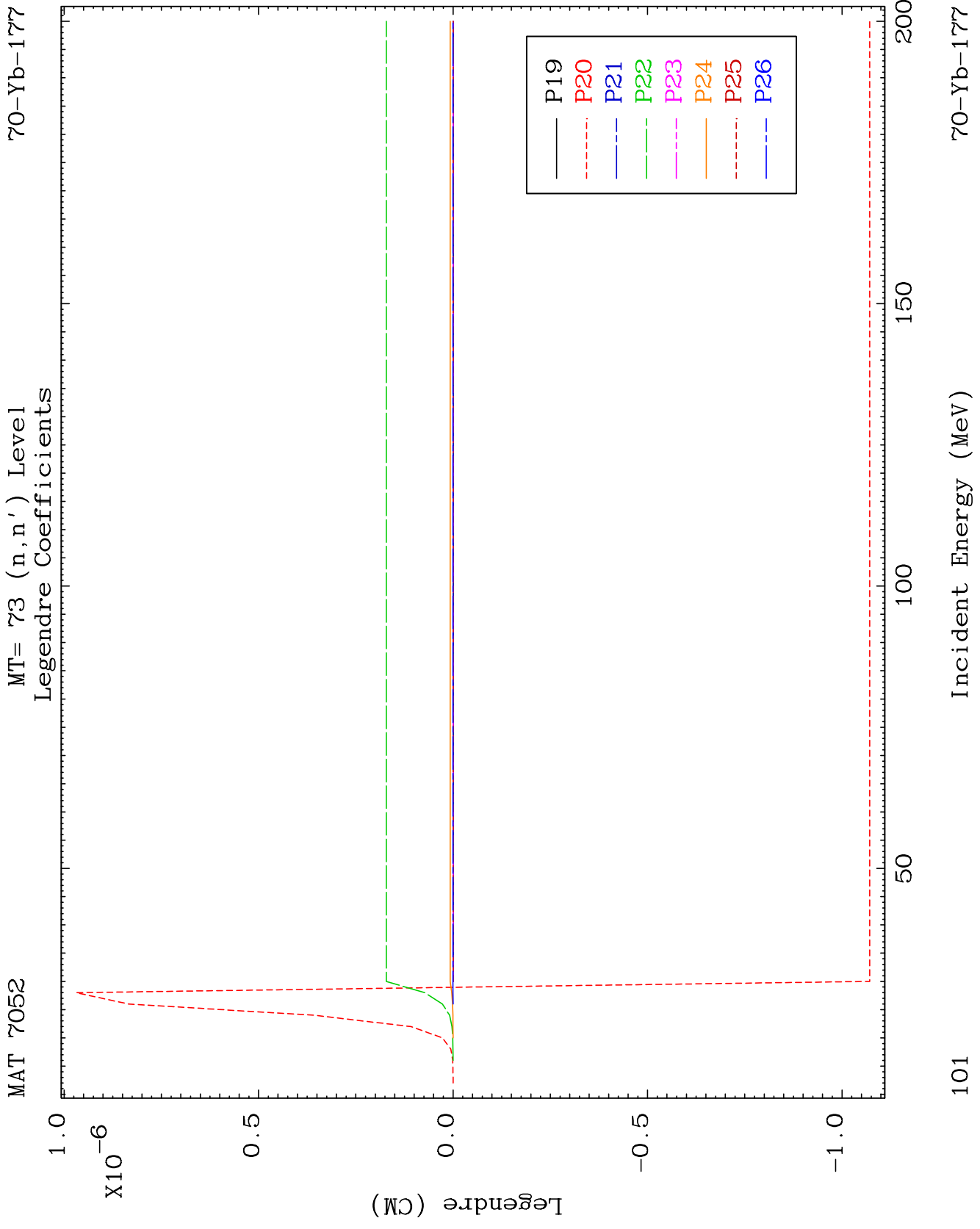


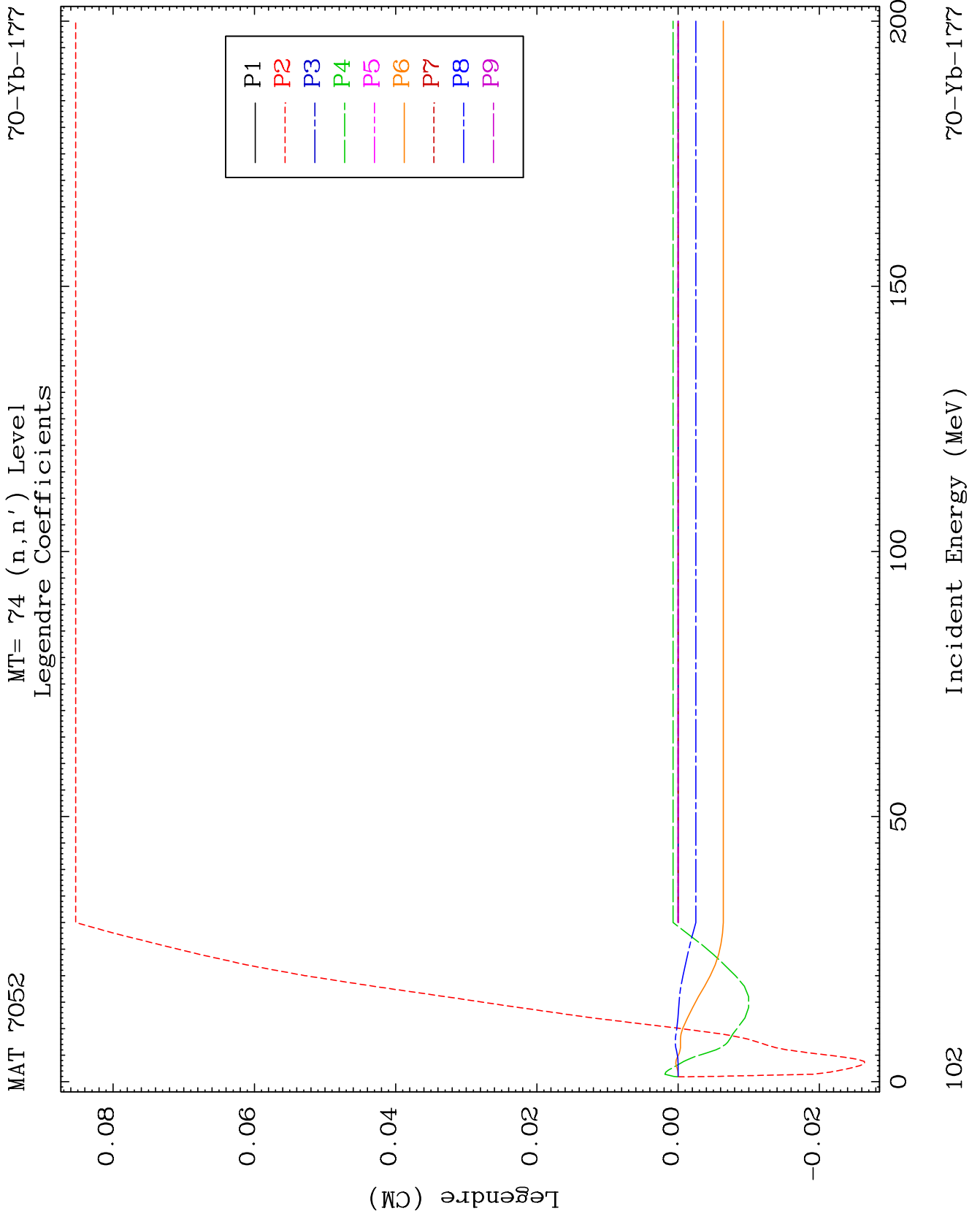
MAT 7052

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

70-Yb-177



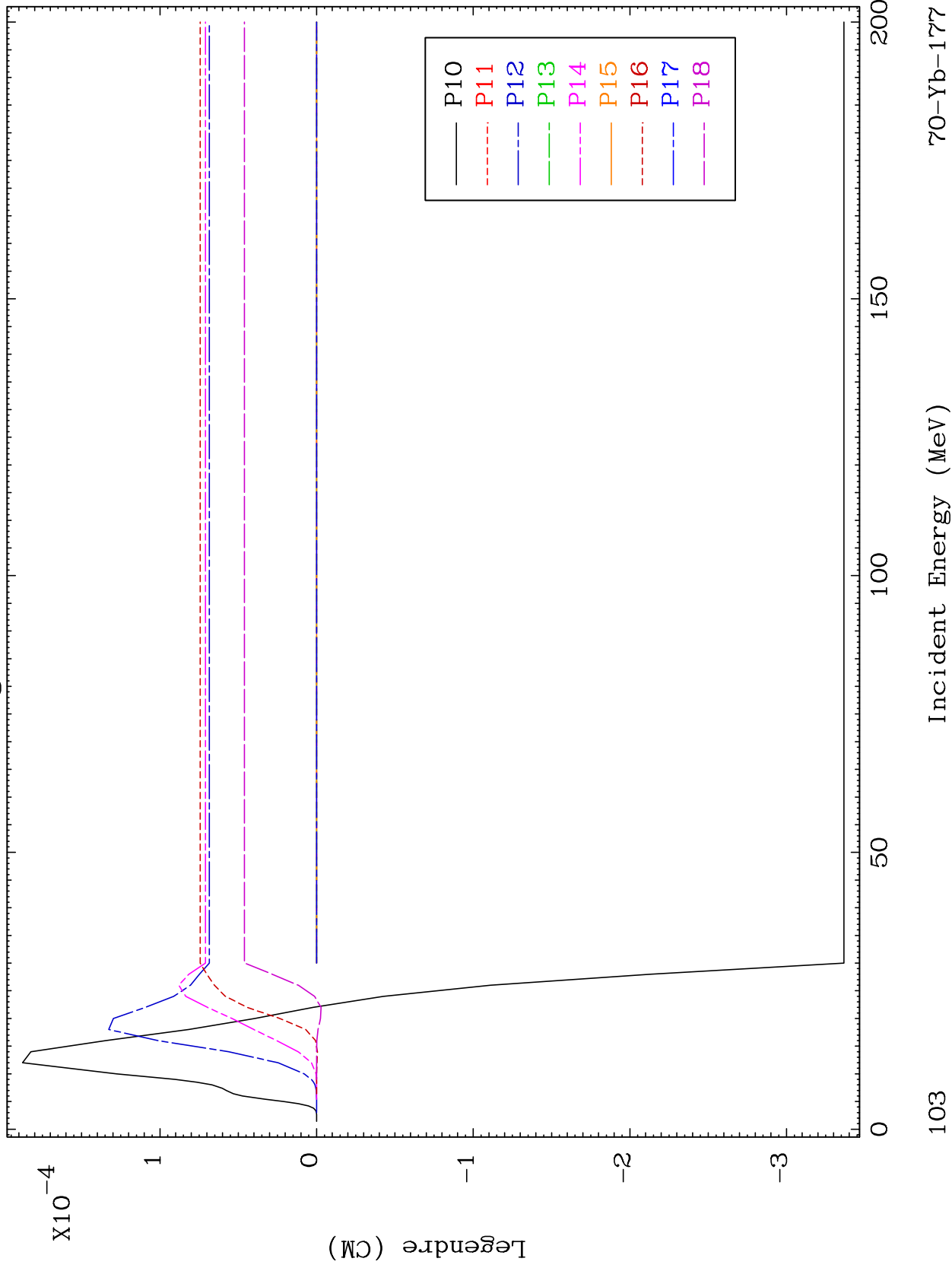




MAT 7052

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

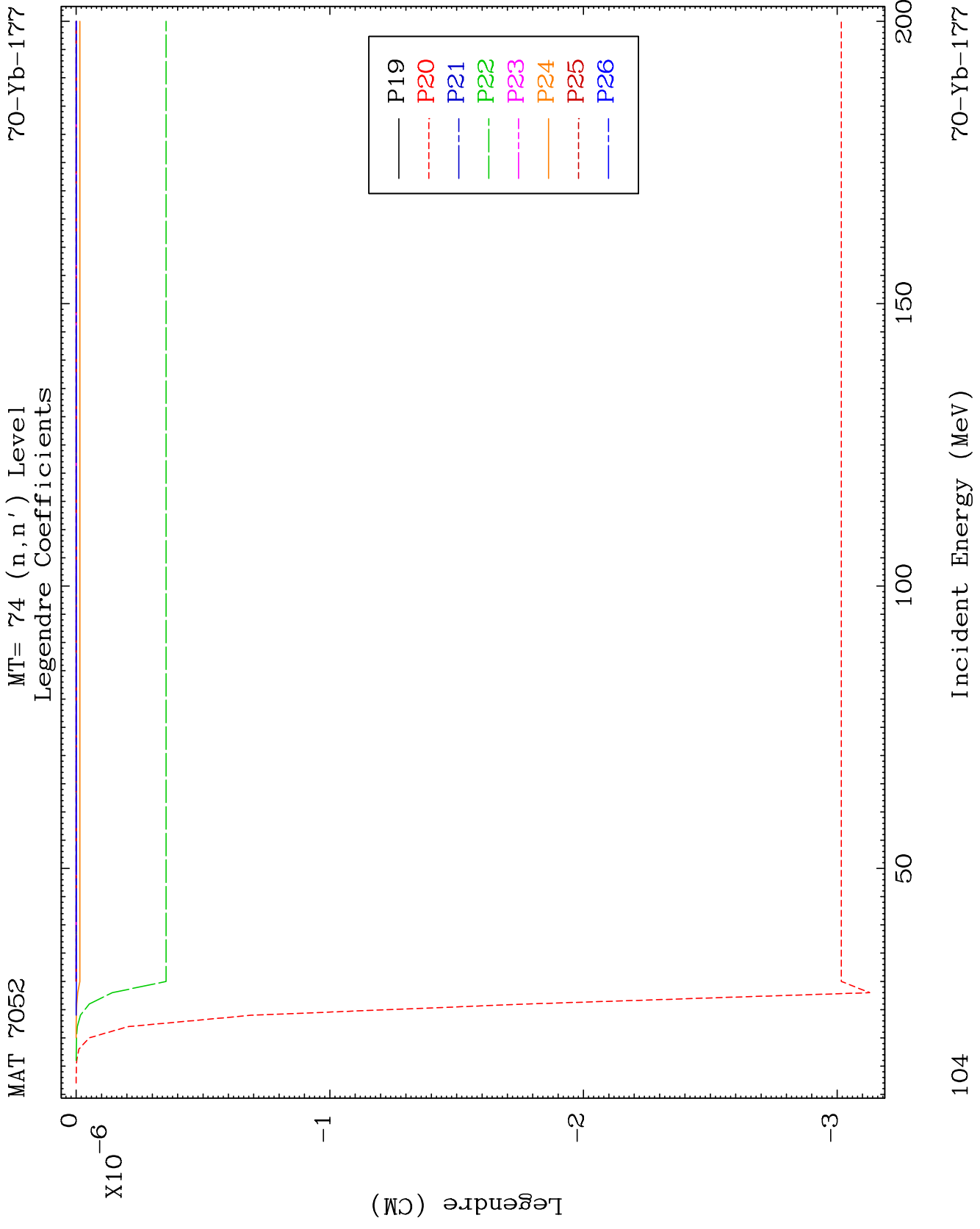
70-Yb-177



103

Incident Energy (MeV)

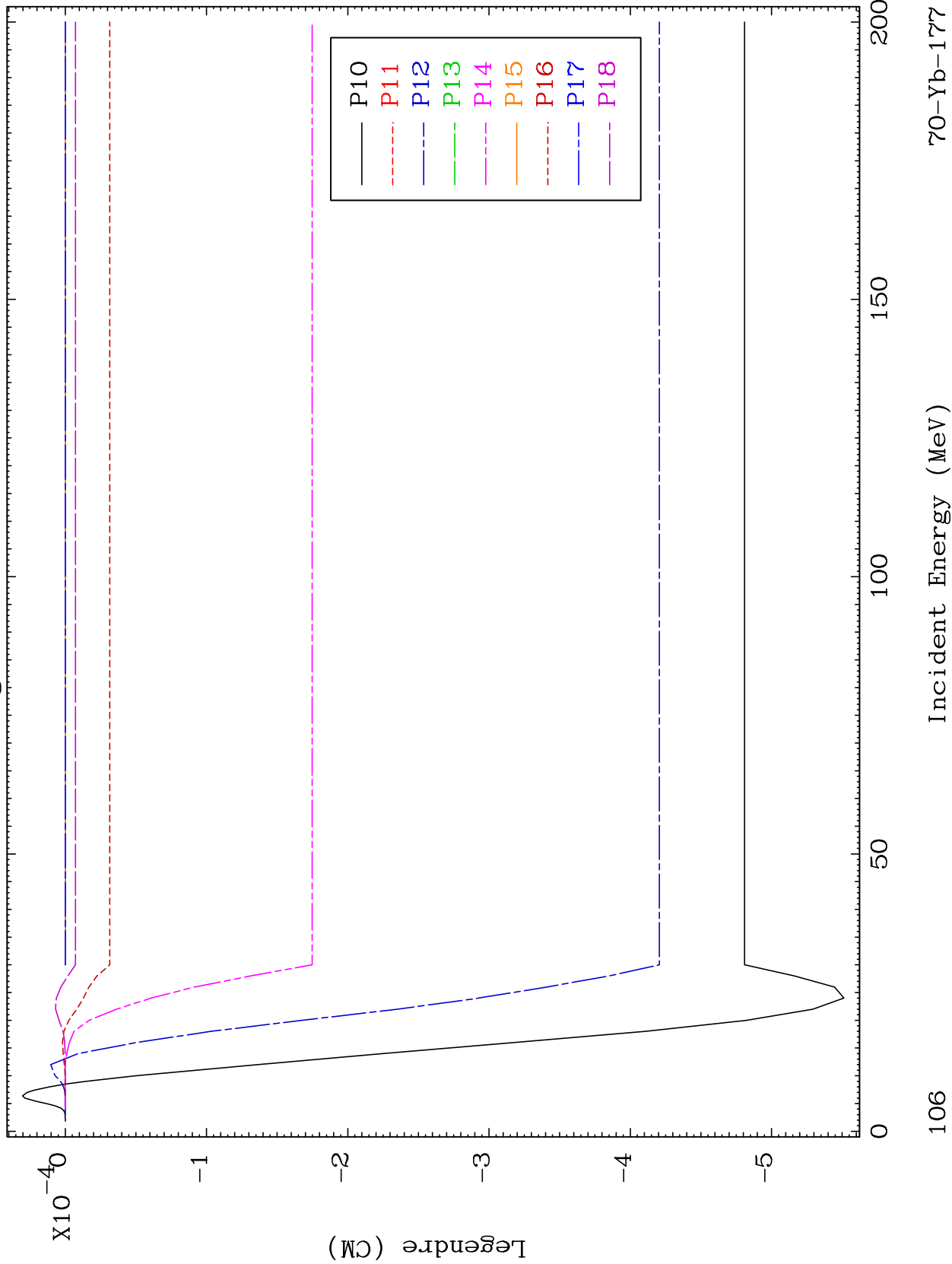
70-Yb-177



MAT 7052

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

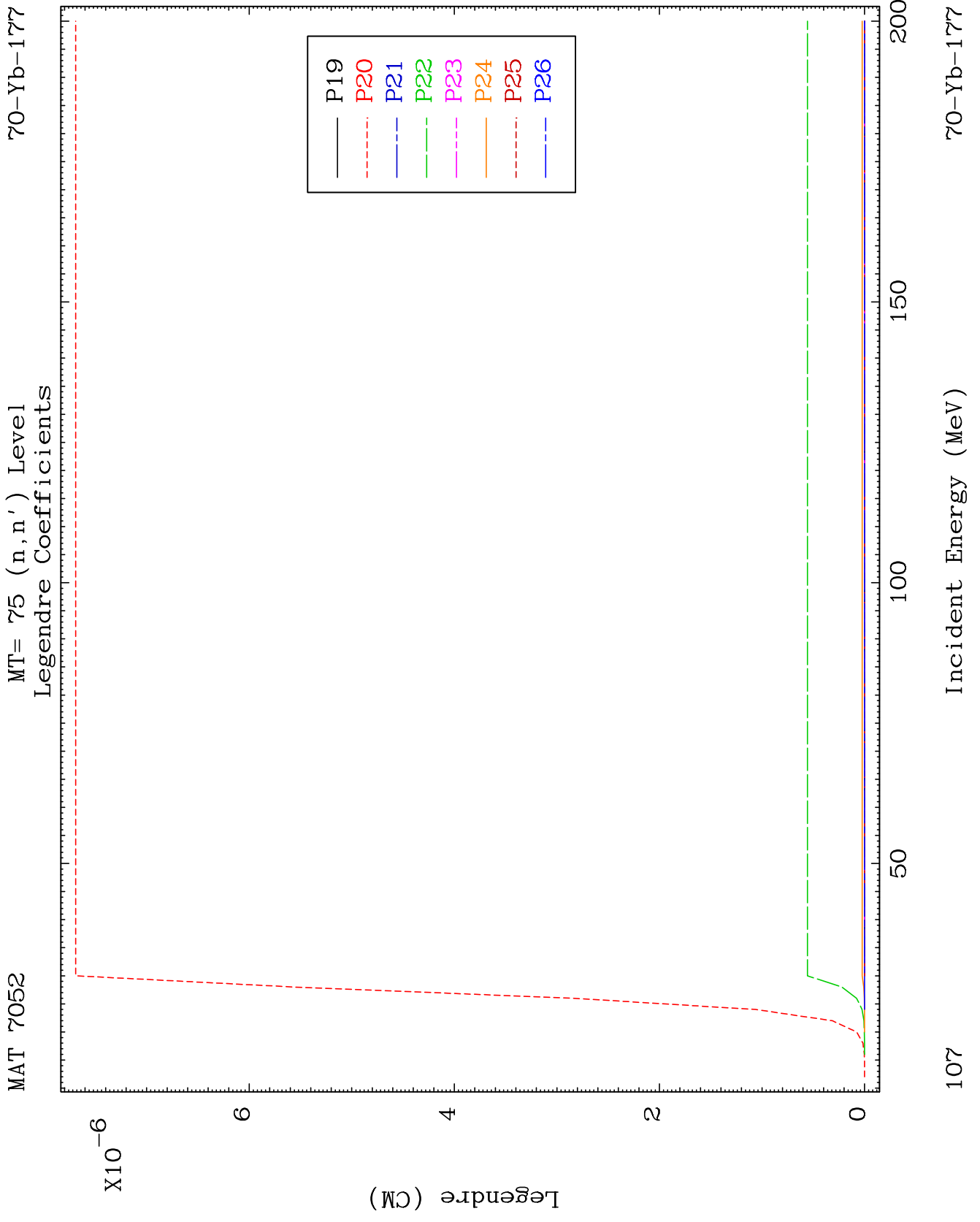
70-Yb-177



70-Yb-177

Incident Energy (MeV)

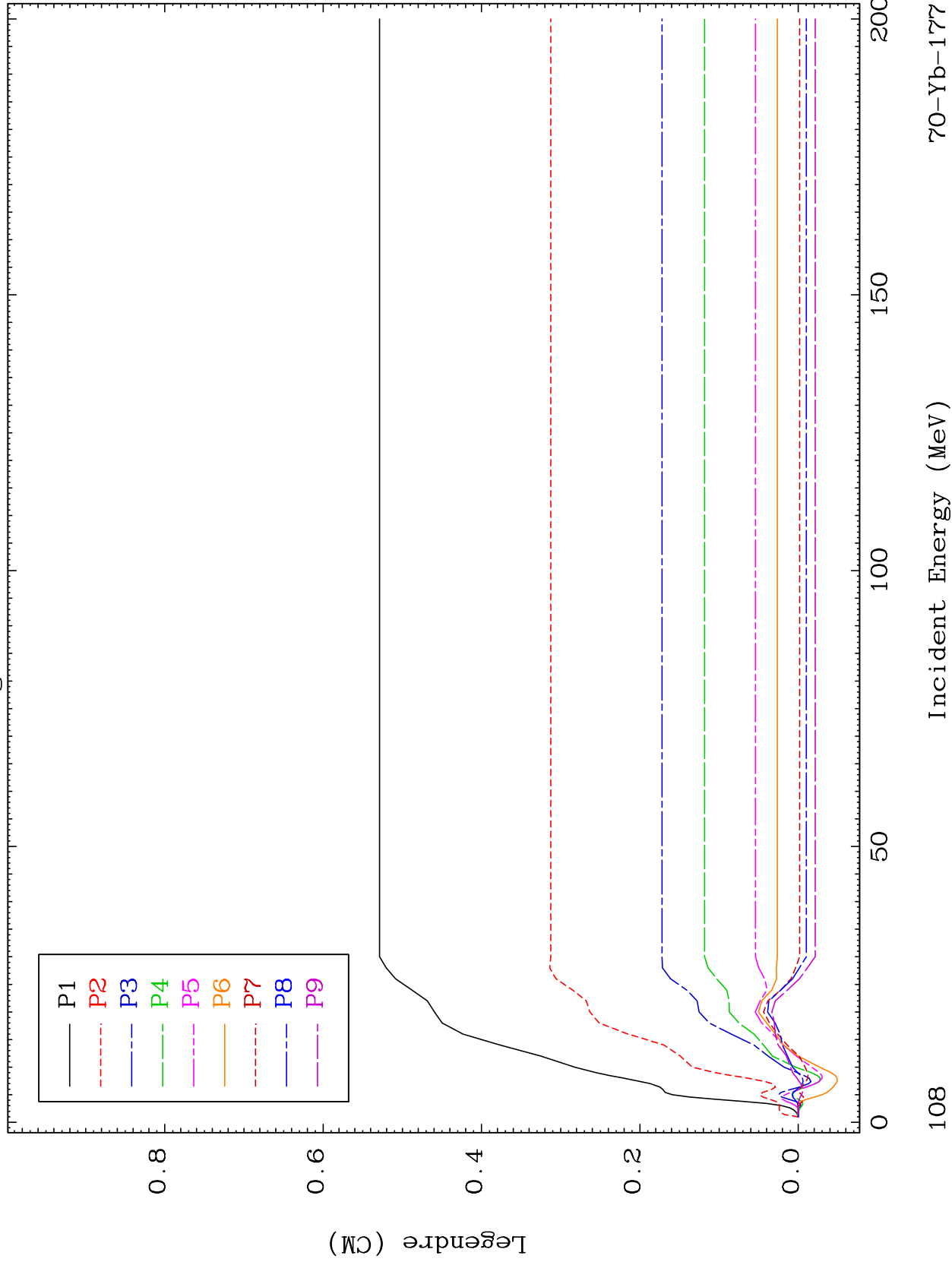
106



MAT 7052

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

70-Yb-177



70-Yb-177

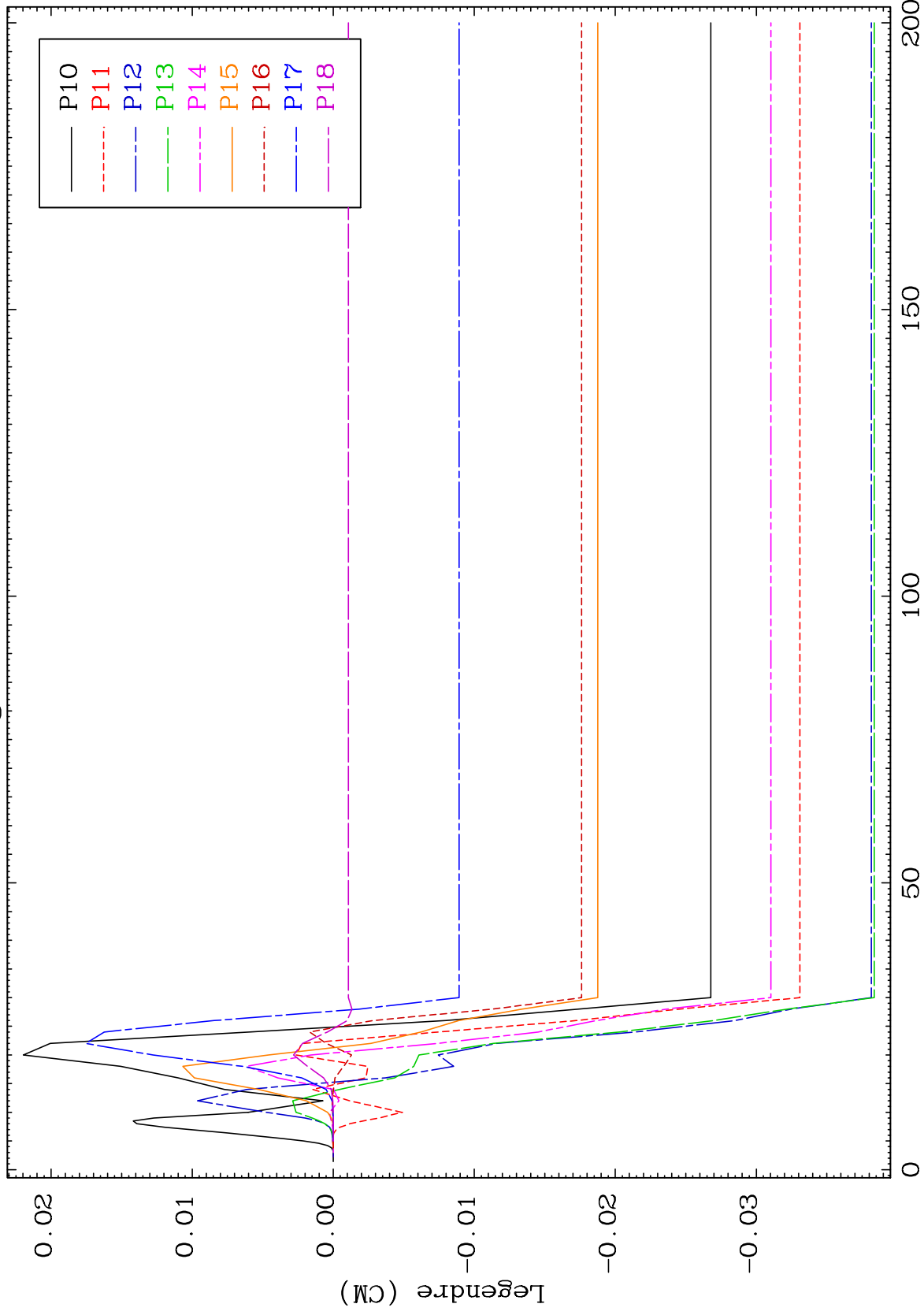
Incident Energy (MeV)

108

MAT 7052

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

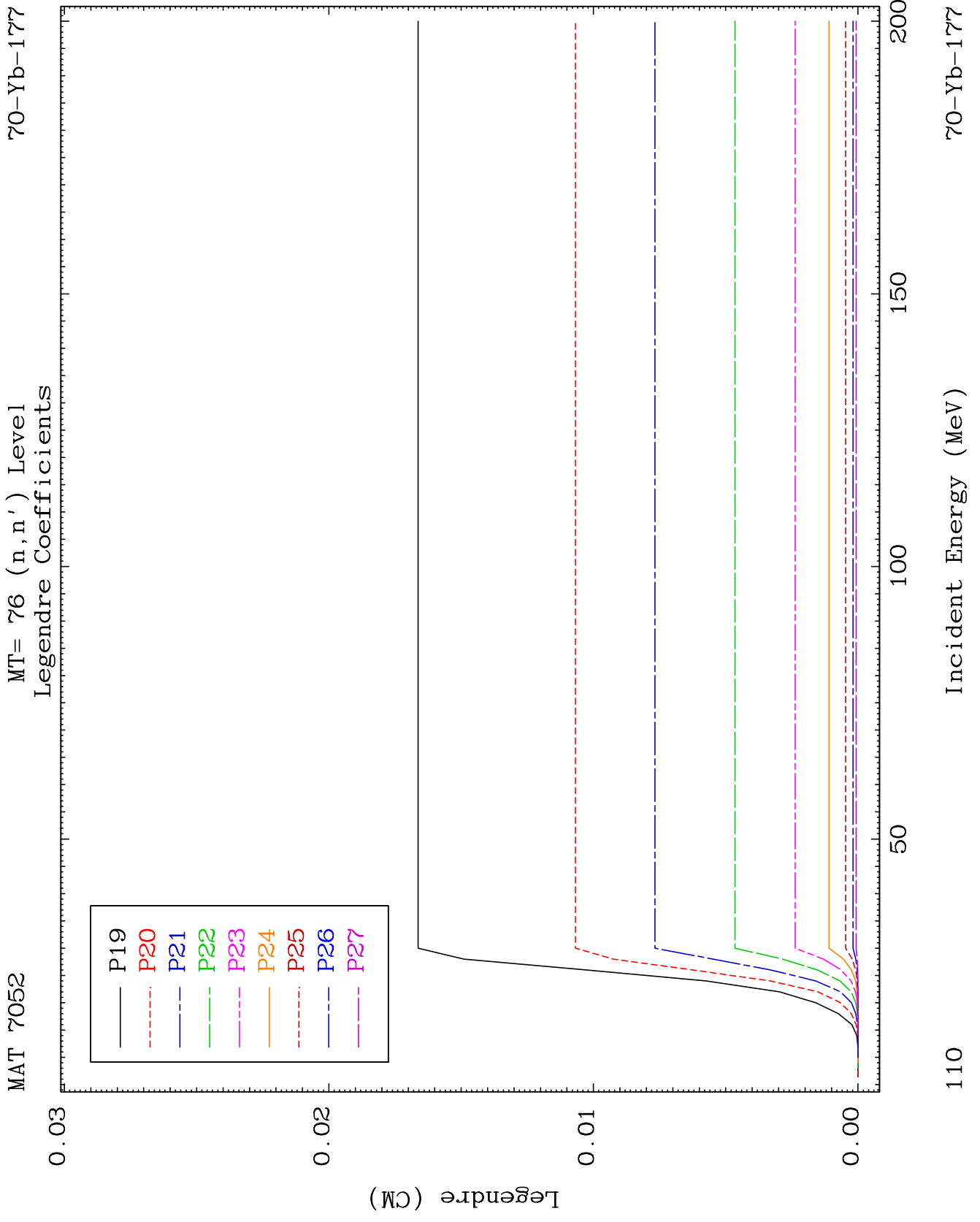
70-Yb-177



109

Incident Energy (MeV)

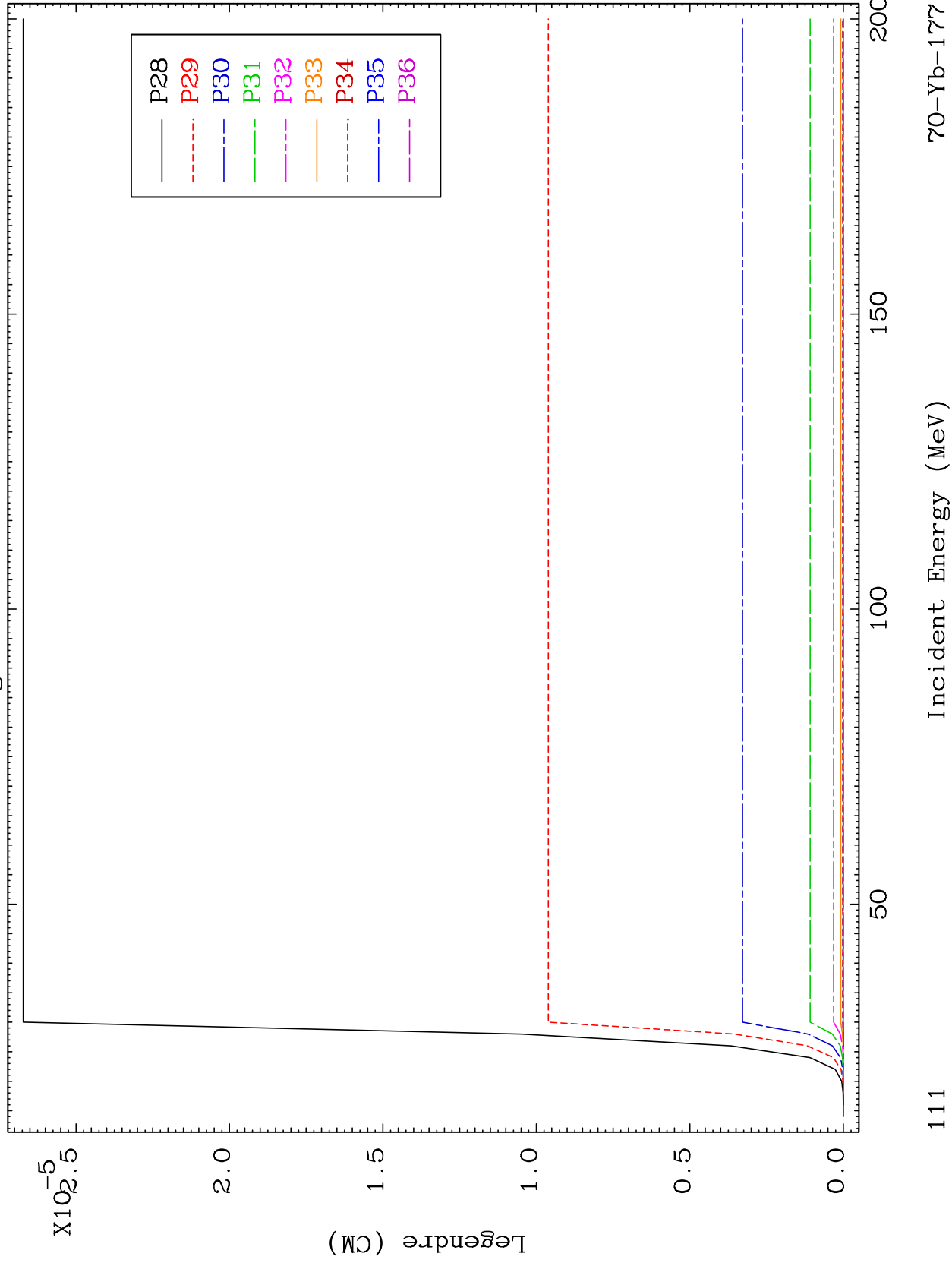
70-Yb-177



MAT 7052

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

70-Yb-177

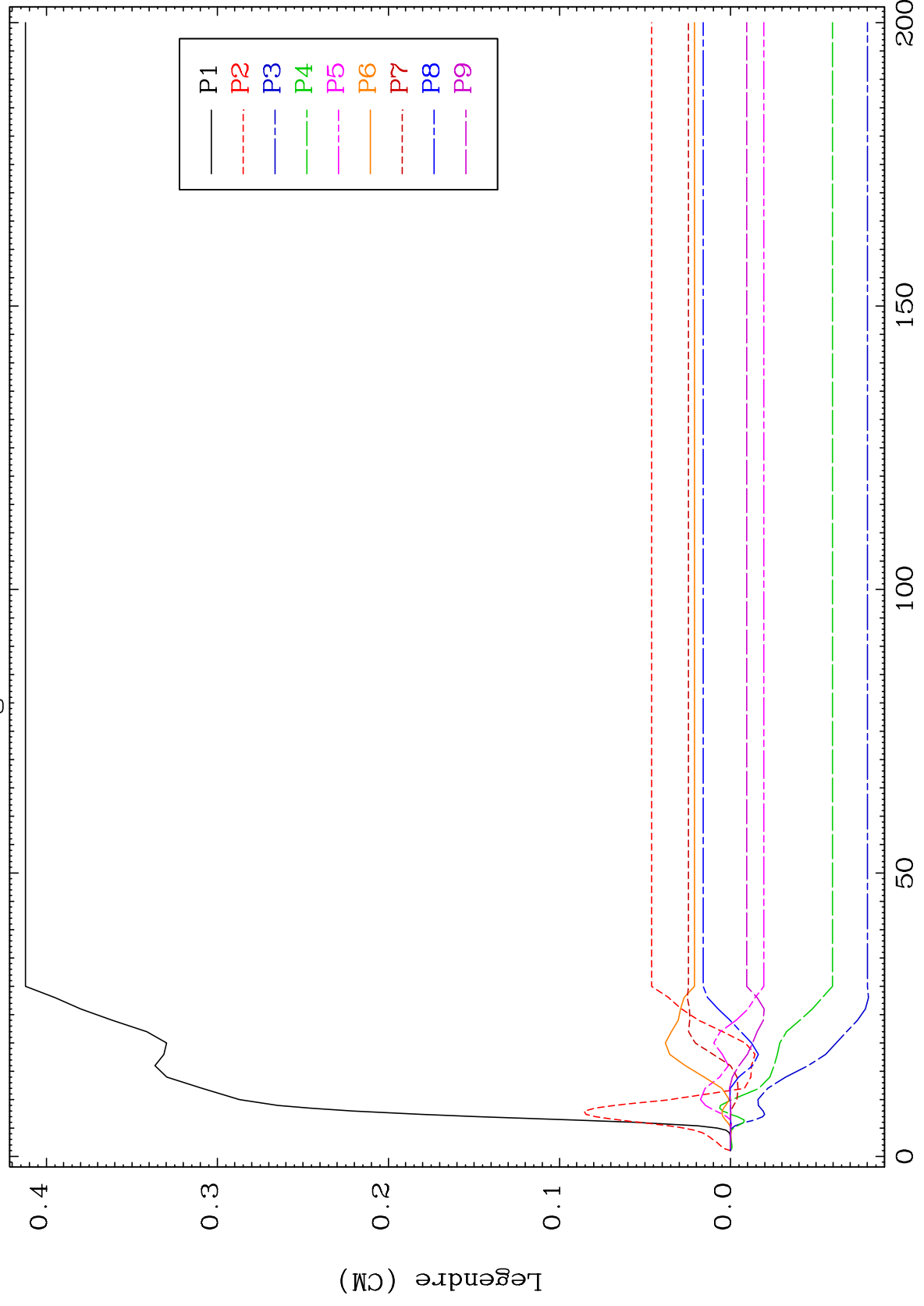


111

MAT 7052

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

70-Yb-177



70-Yb-177

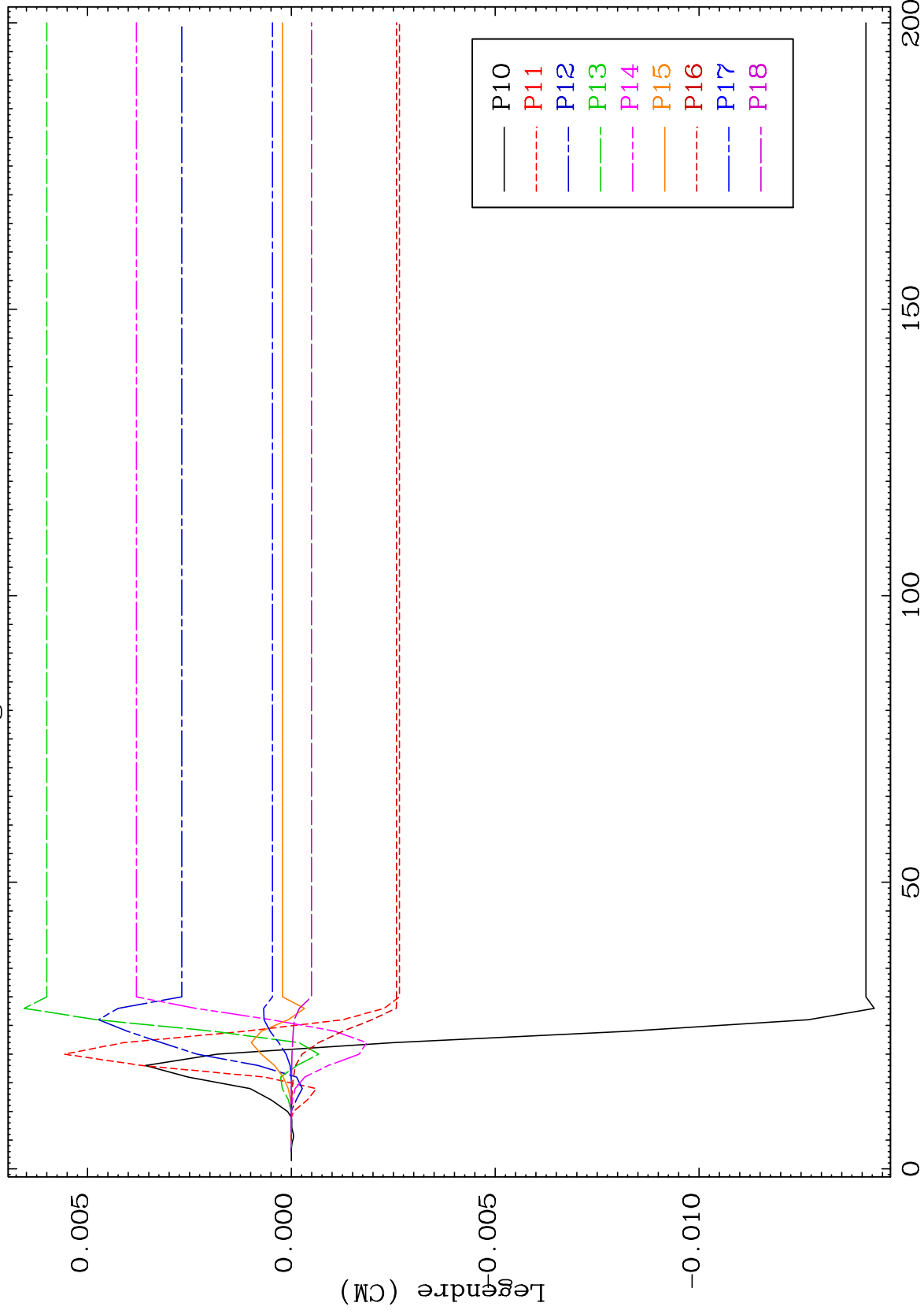
Incident Energy (MeV)

112

MAT 7052

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

70-Yb-177



113

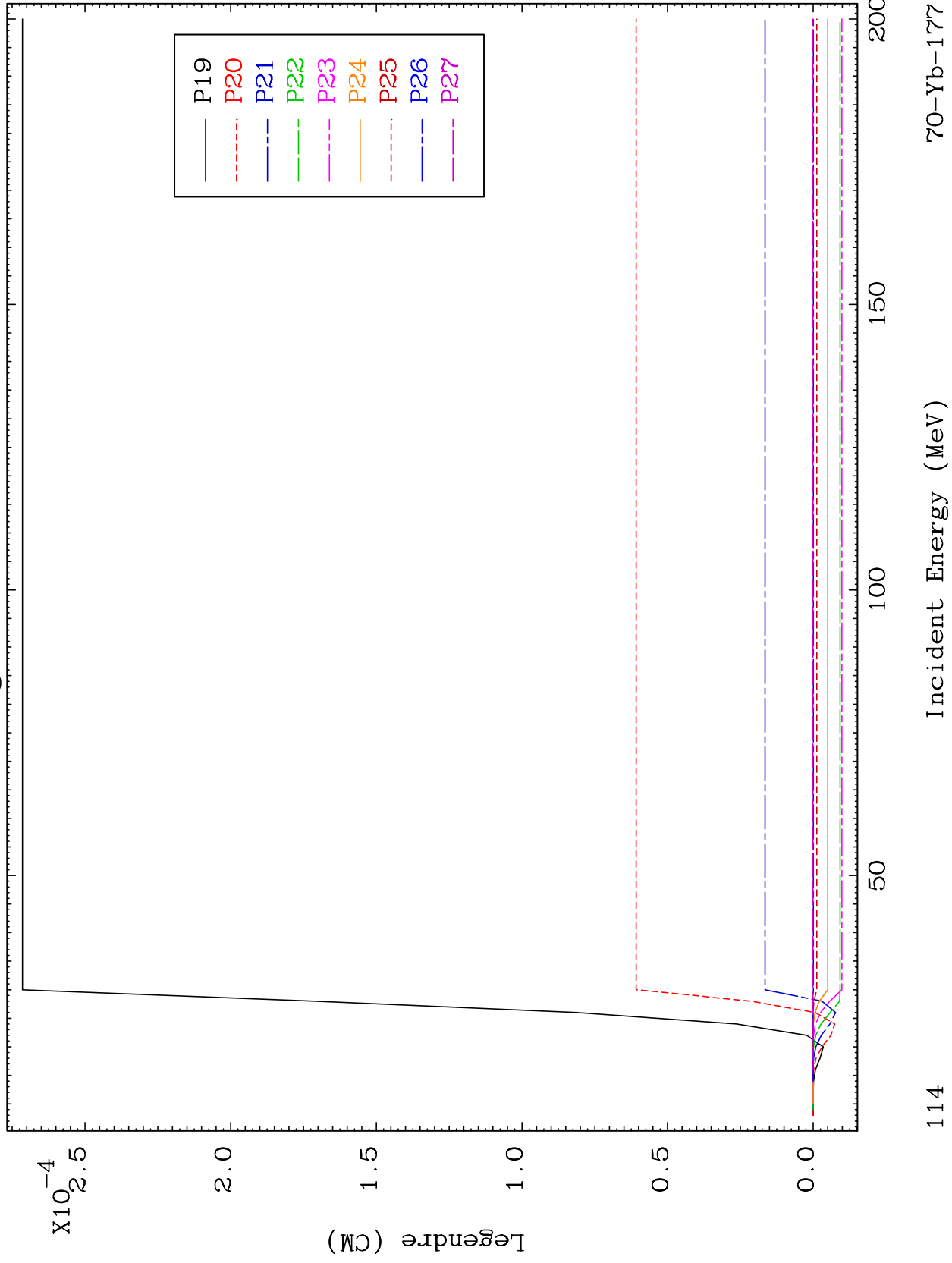
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177

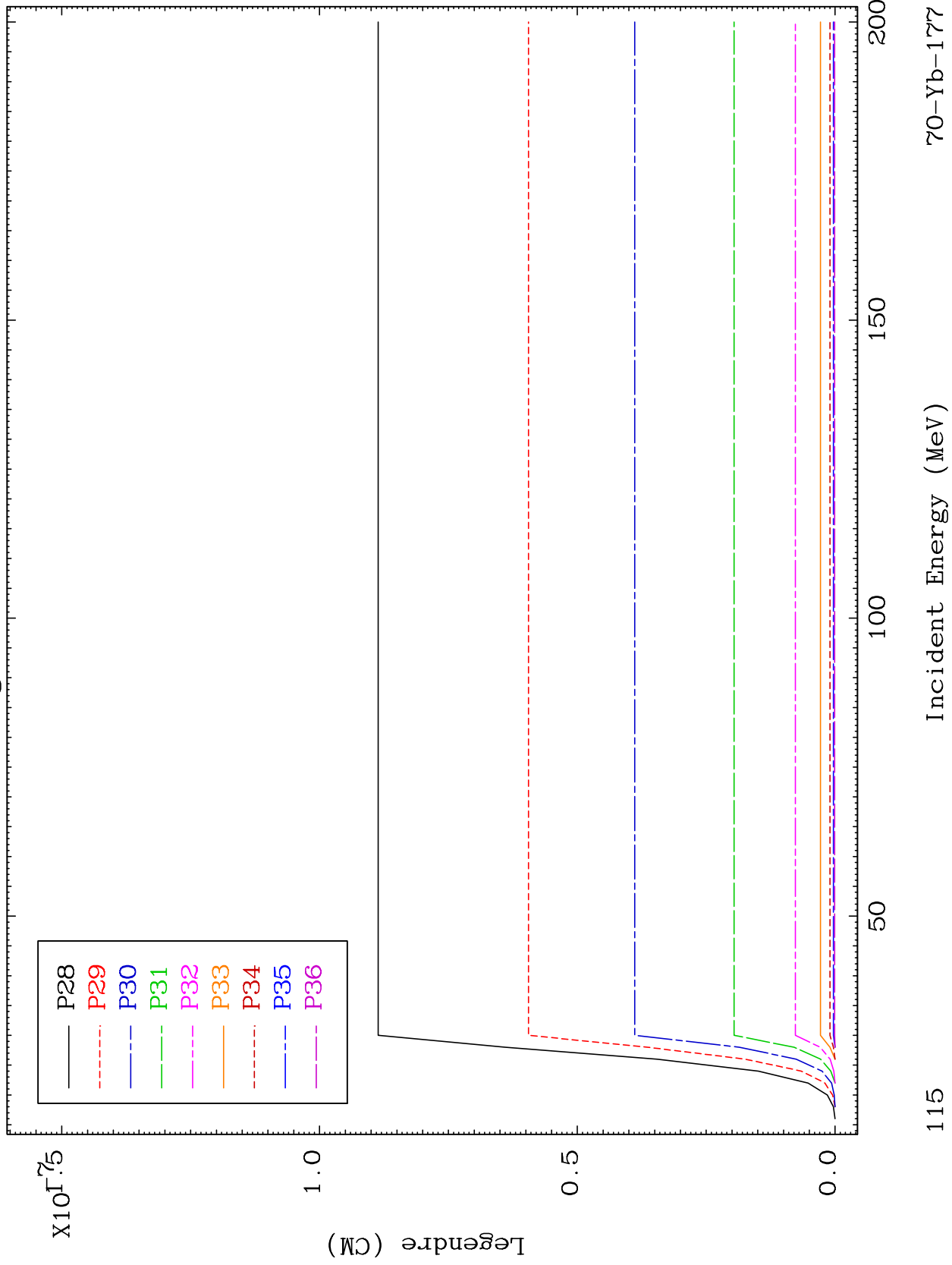


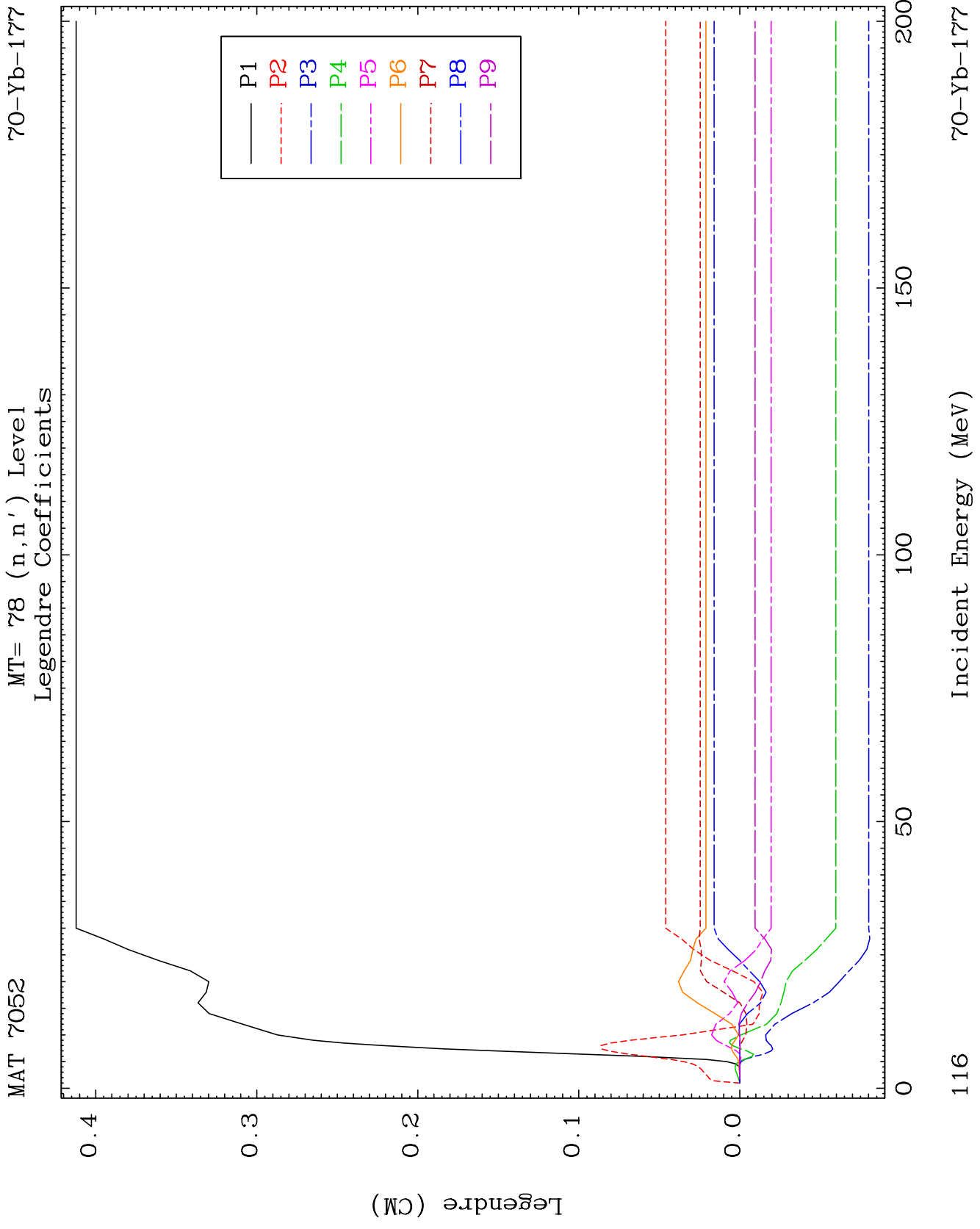
114

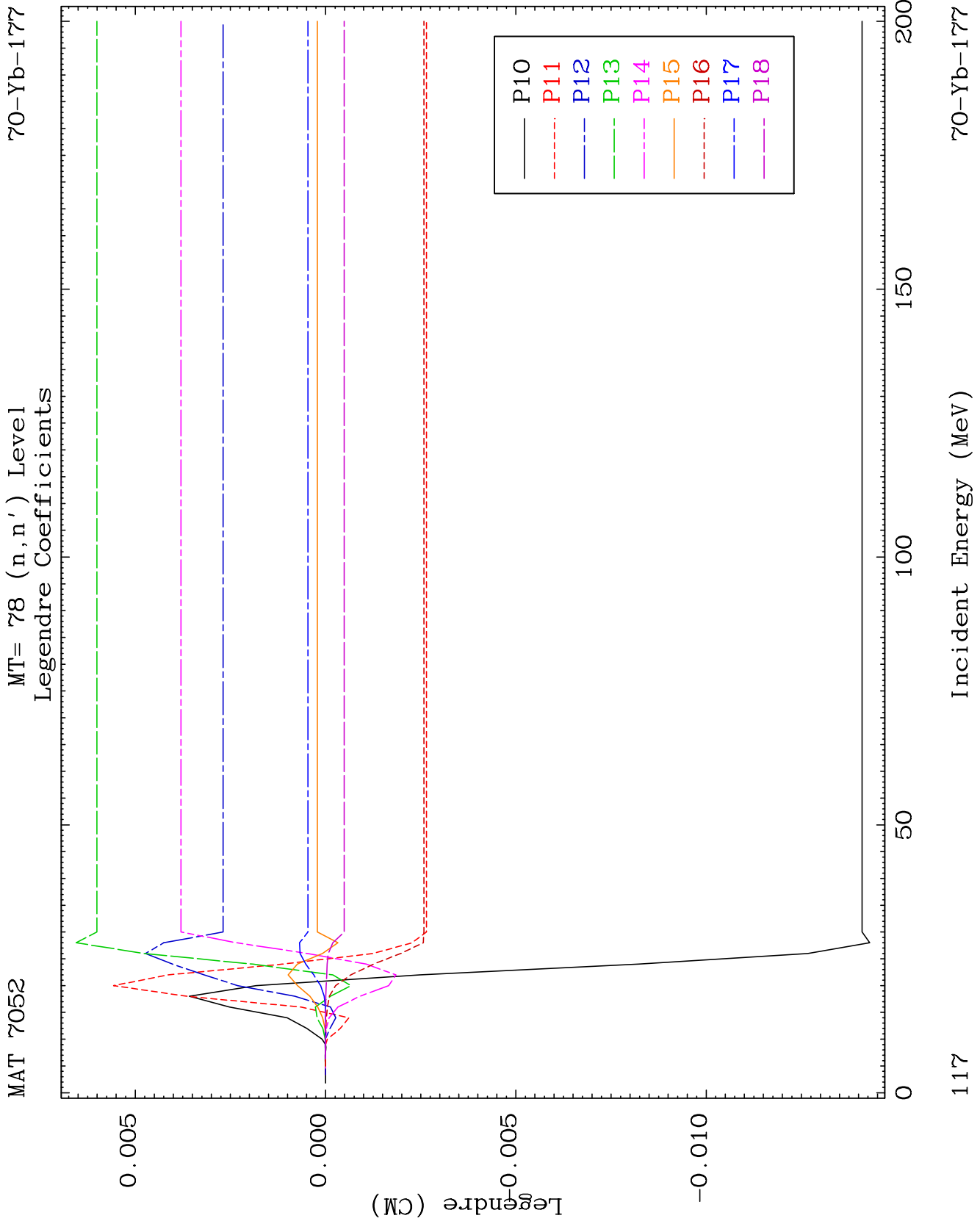
MAT 7052

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

70-Yb-177



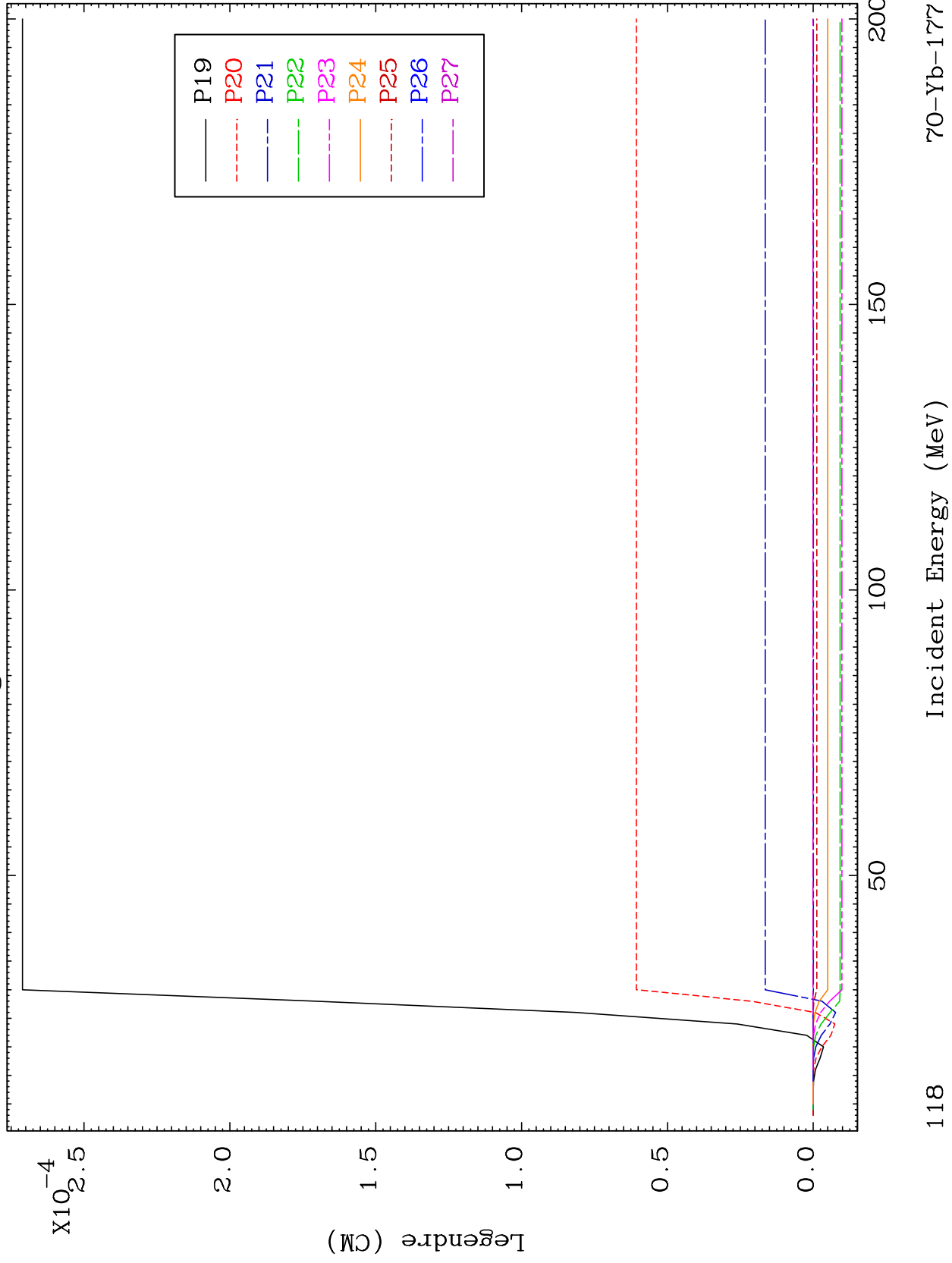




MAT 7052

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

70-Yb-177

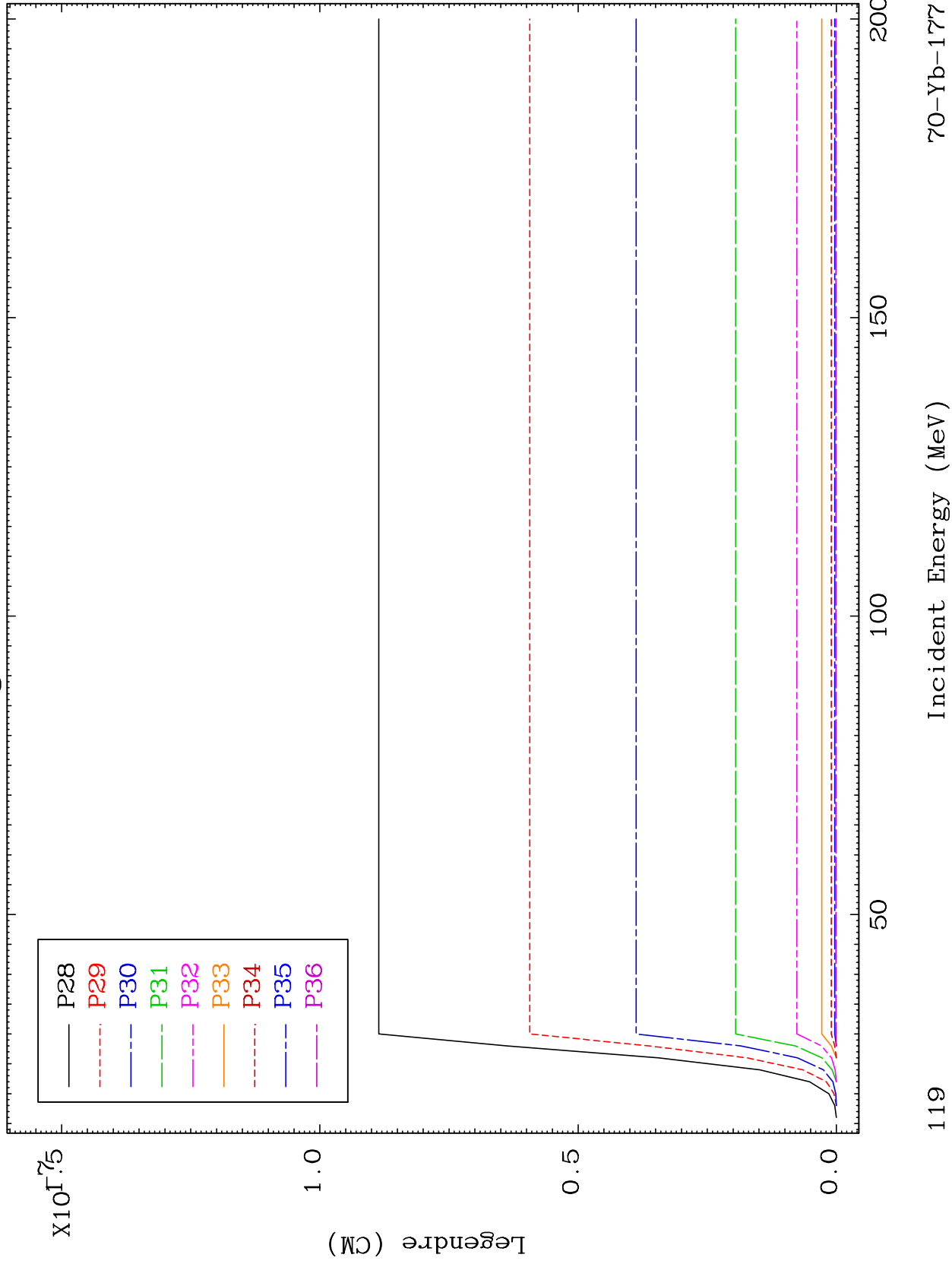


118

MAT 7052

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

70-Yb-177



119

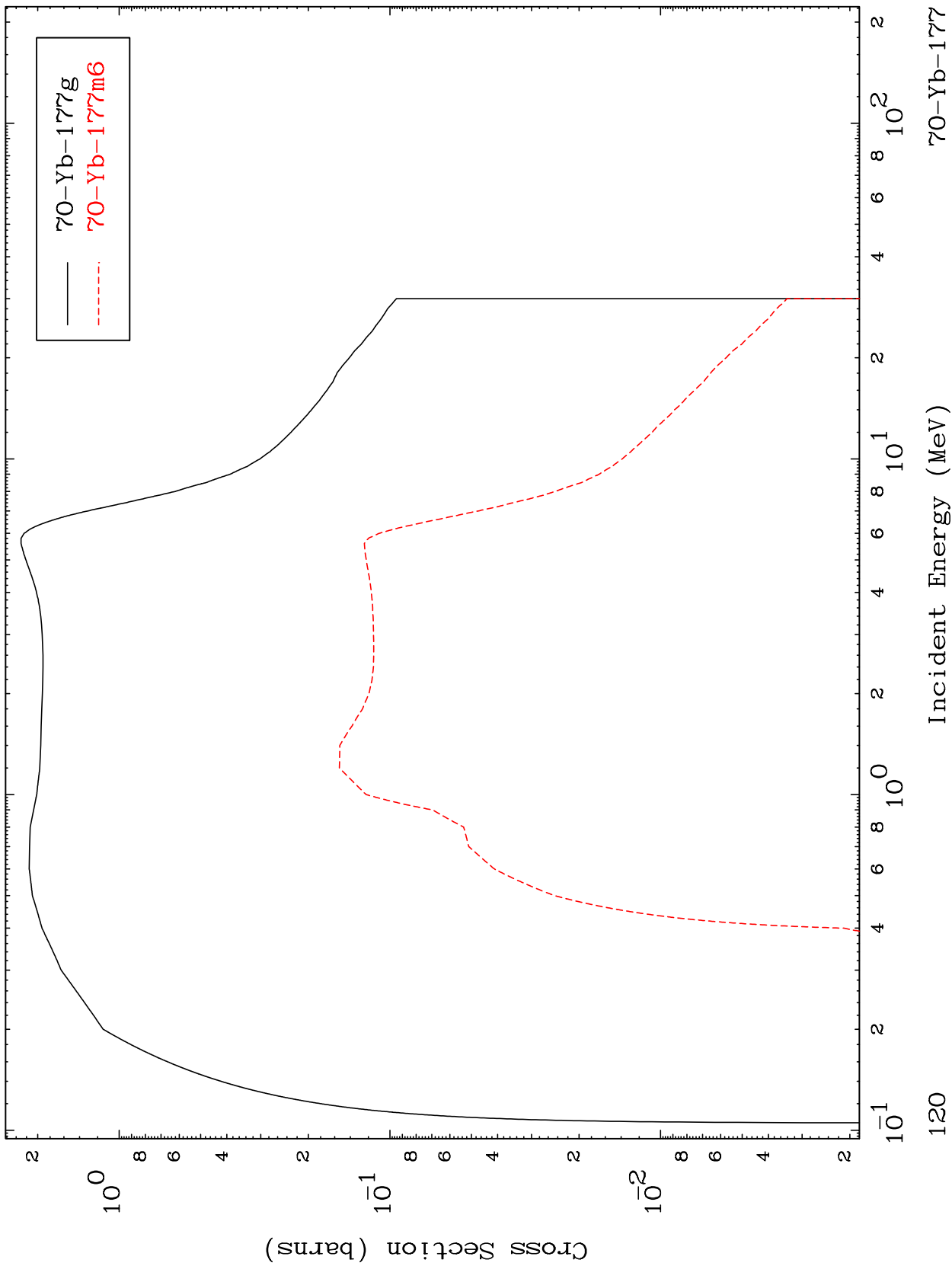
Incident Energy (MeV)

70-Yb-177

MAT 7052

70-Yb-177

Inelastic
Radionuclide Production Cross Section



70-Yb-177

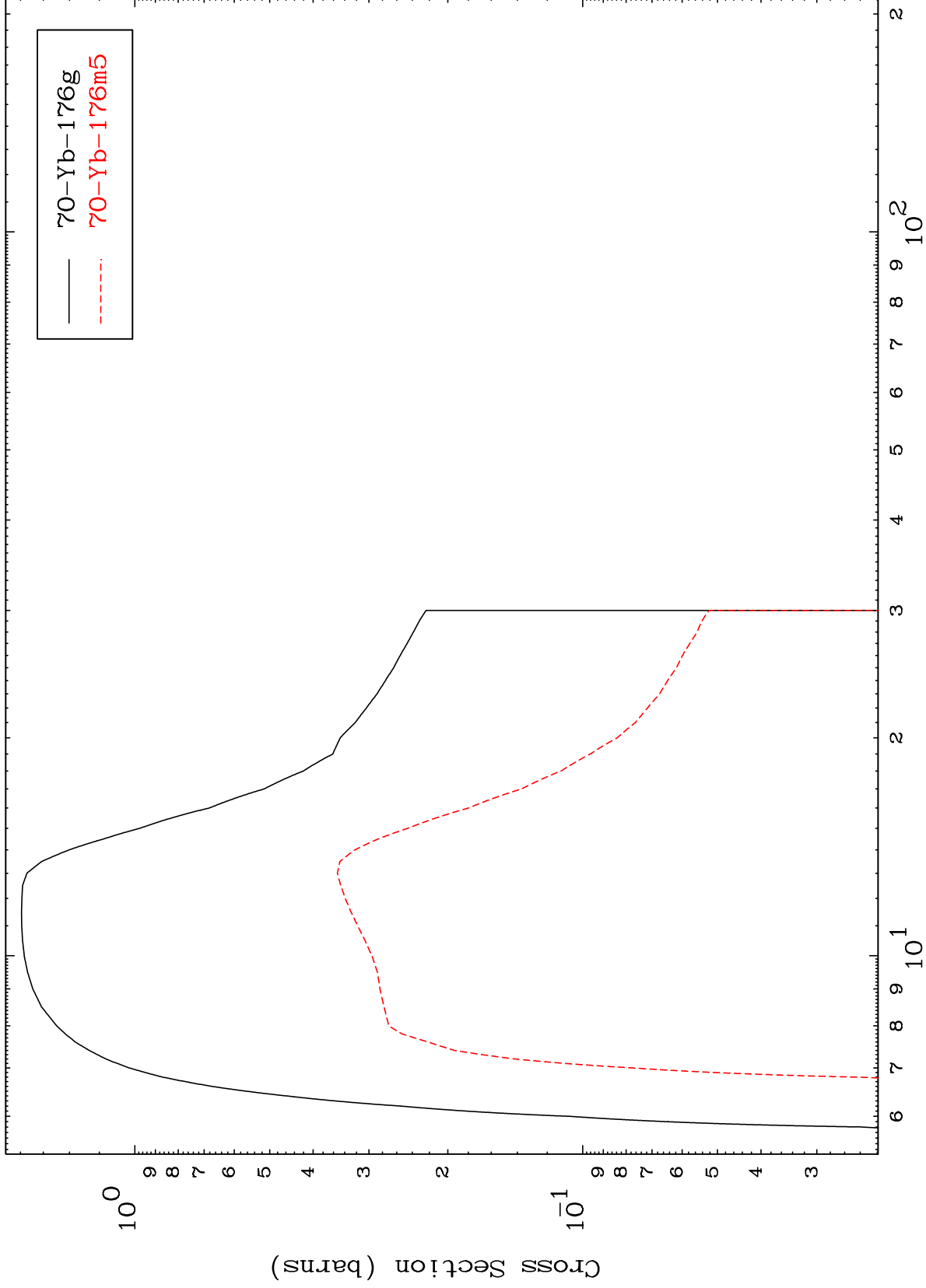
Incident Energy (MeV)

120

MAT 7052

70-Yb-177

(n,2n)
Radionuclide Production Cross Section



70-Yb-177

Incident Energy (MeV)

121