

Program EVALPLOT
(Version 2021-1)

by

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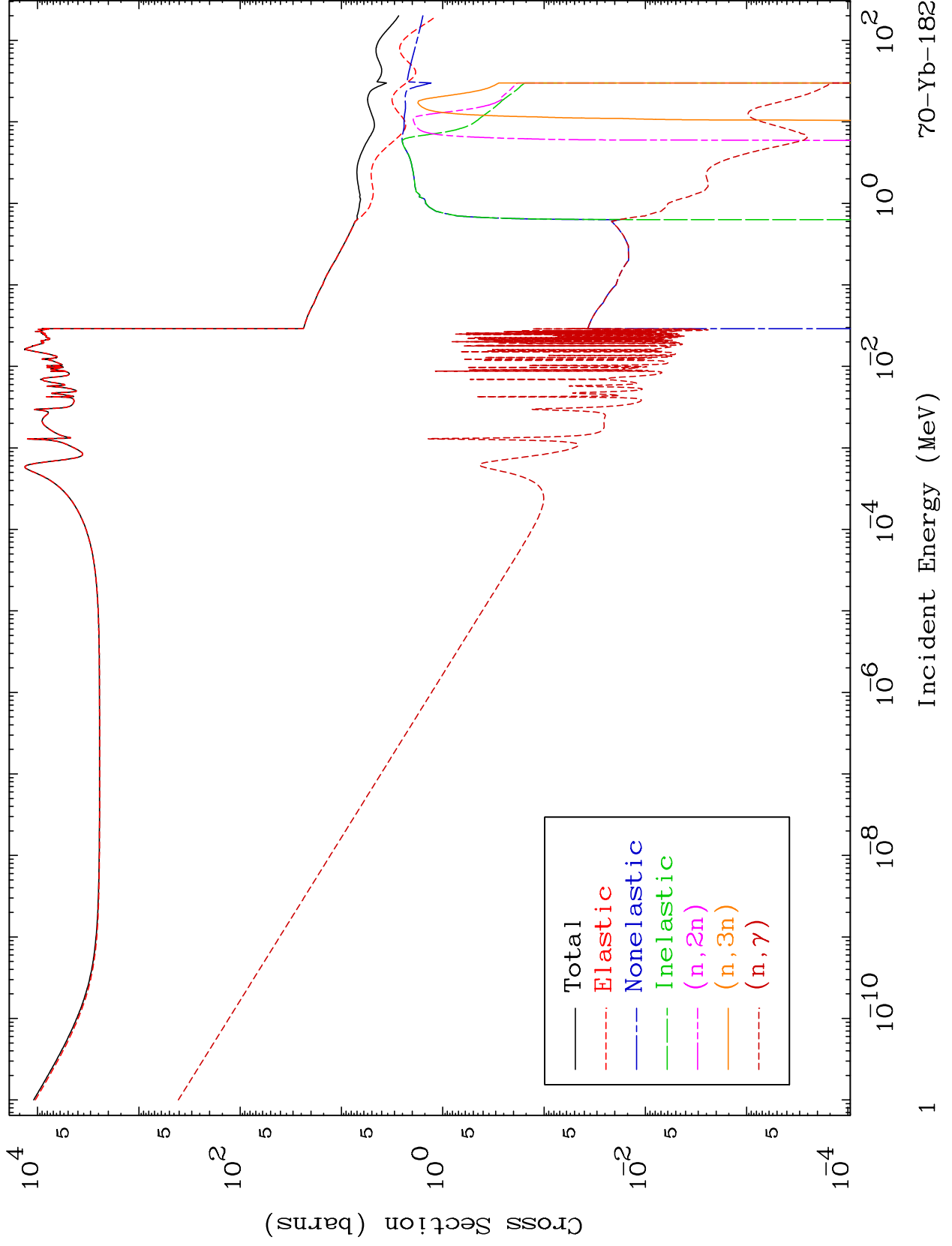
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Press Mouse Button to Start

MAT 7067

Neutron Major
293 Kelvin Cross Sections

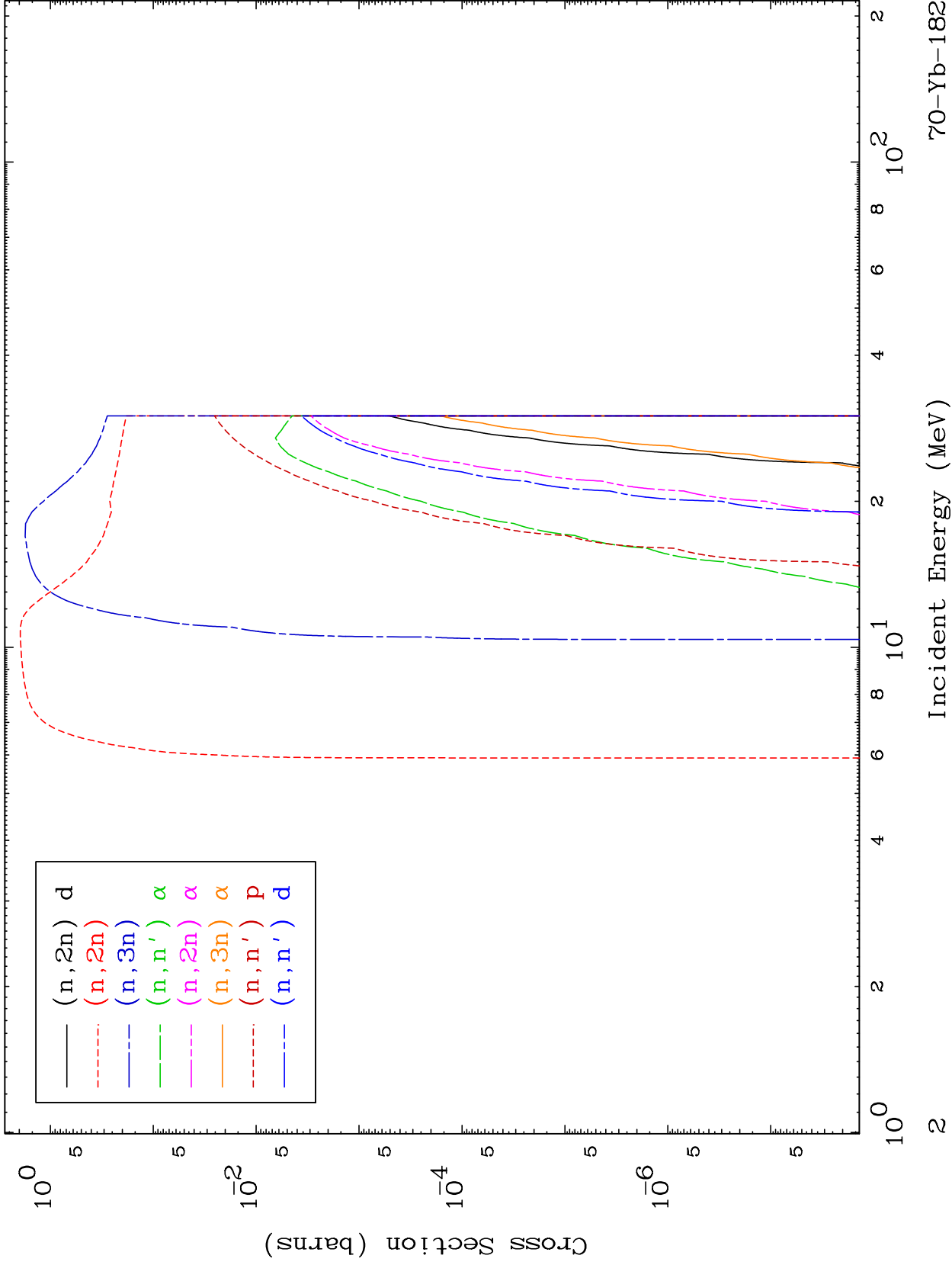
70-Yb-182



MAT 7067

Neutron Absorption
293 Kelvin Cross Sections

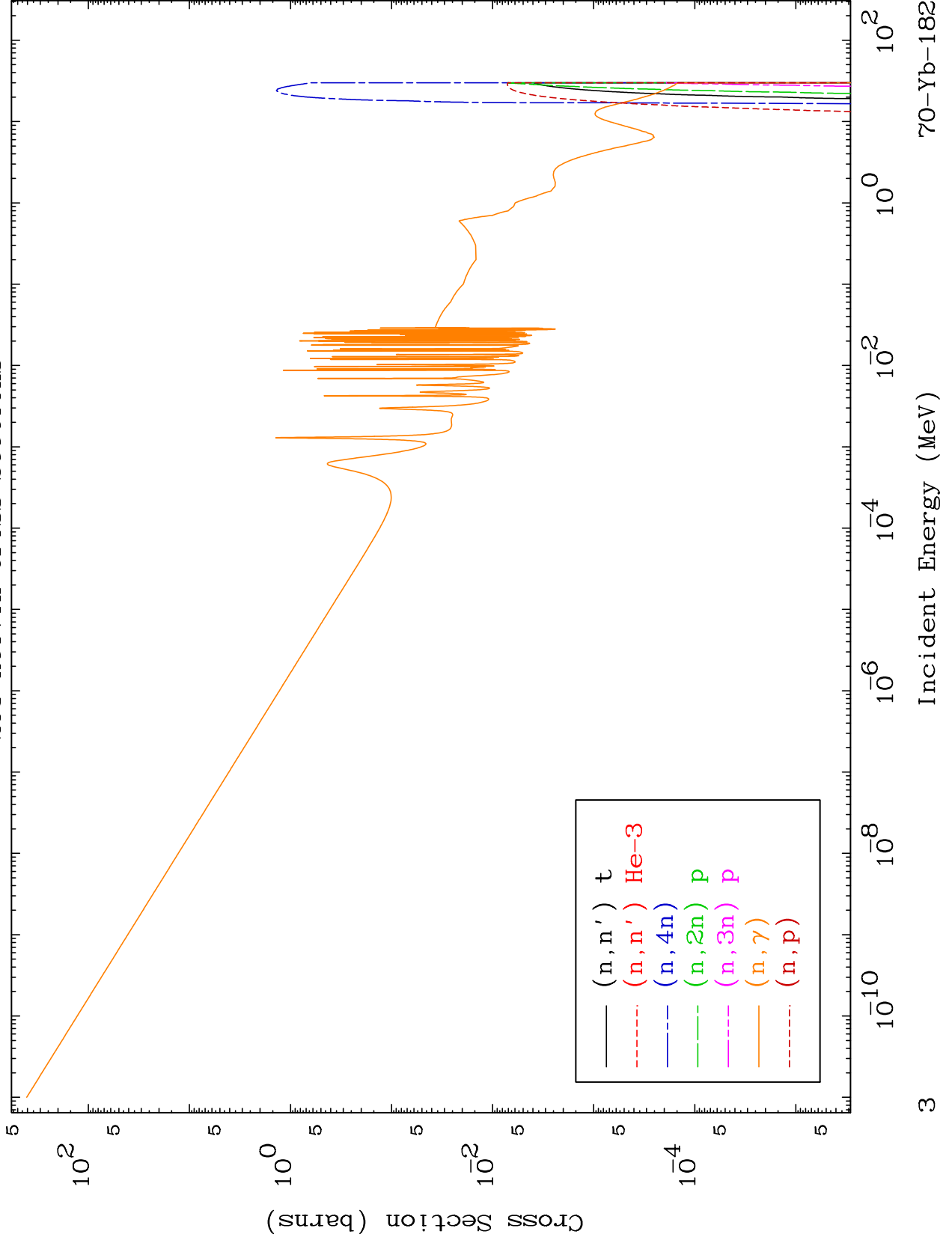
70-Yb-182



MAT 7067

Neutron Absorption
293 Kelvin Cross Sections

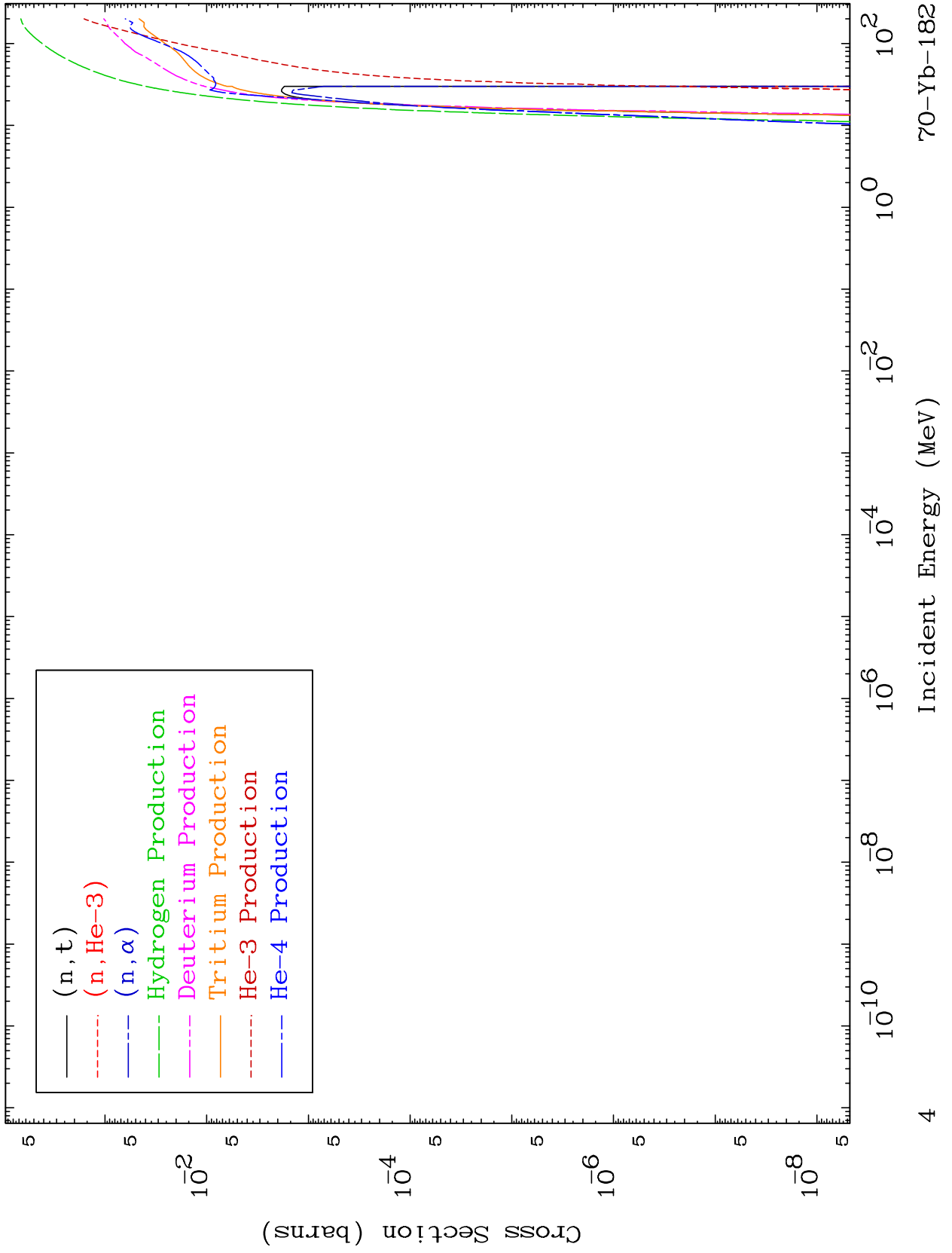
70-Yb-182



MAT 7067

Neutron Absorption
293 Kelvin Cross Sections

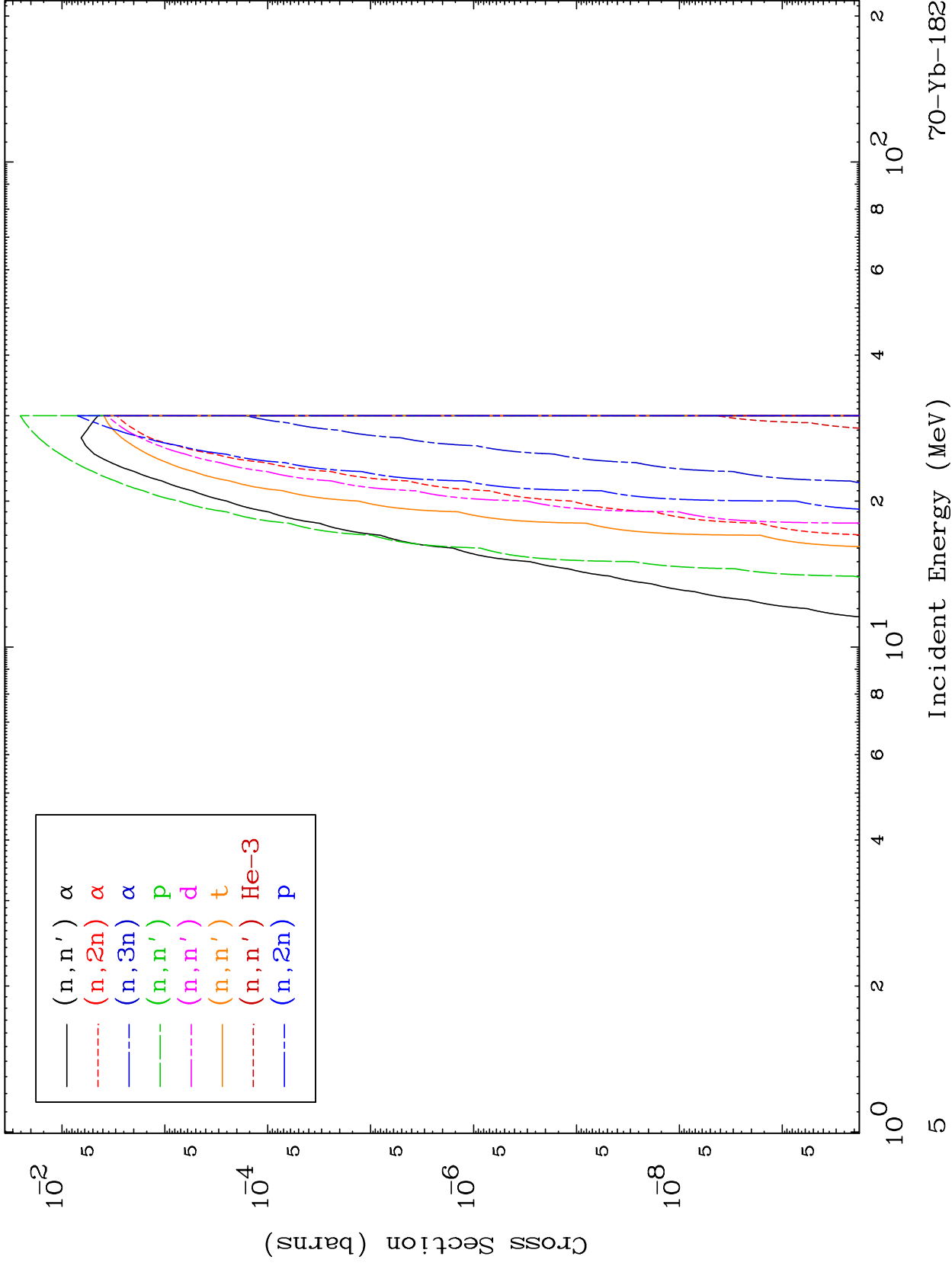
70-Yb-182



MAT 7067

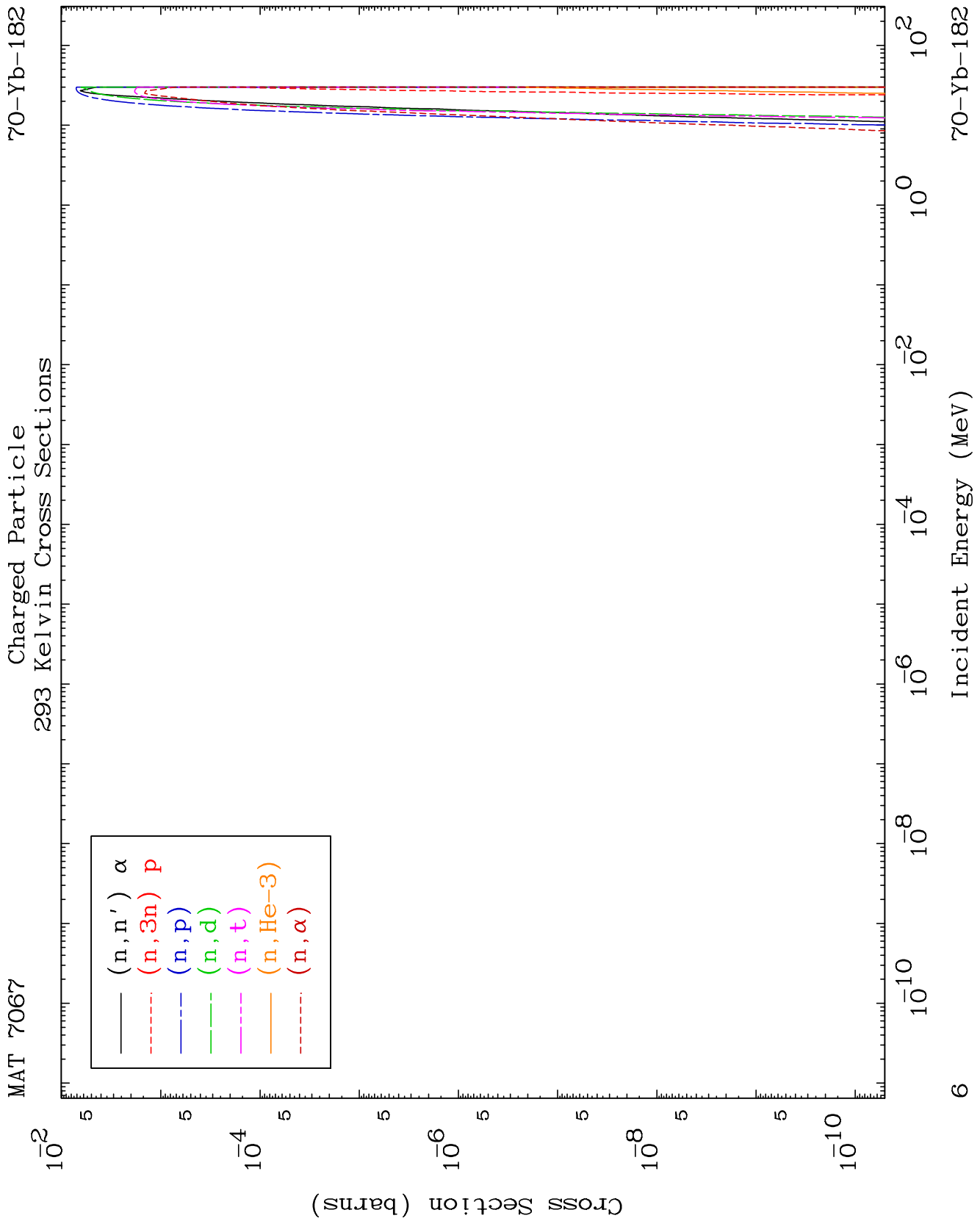
Charged Particle
293 Kelvin Cross Sections

70-Yb-182



70-Yb-182

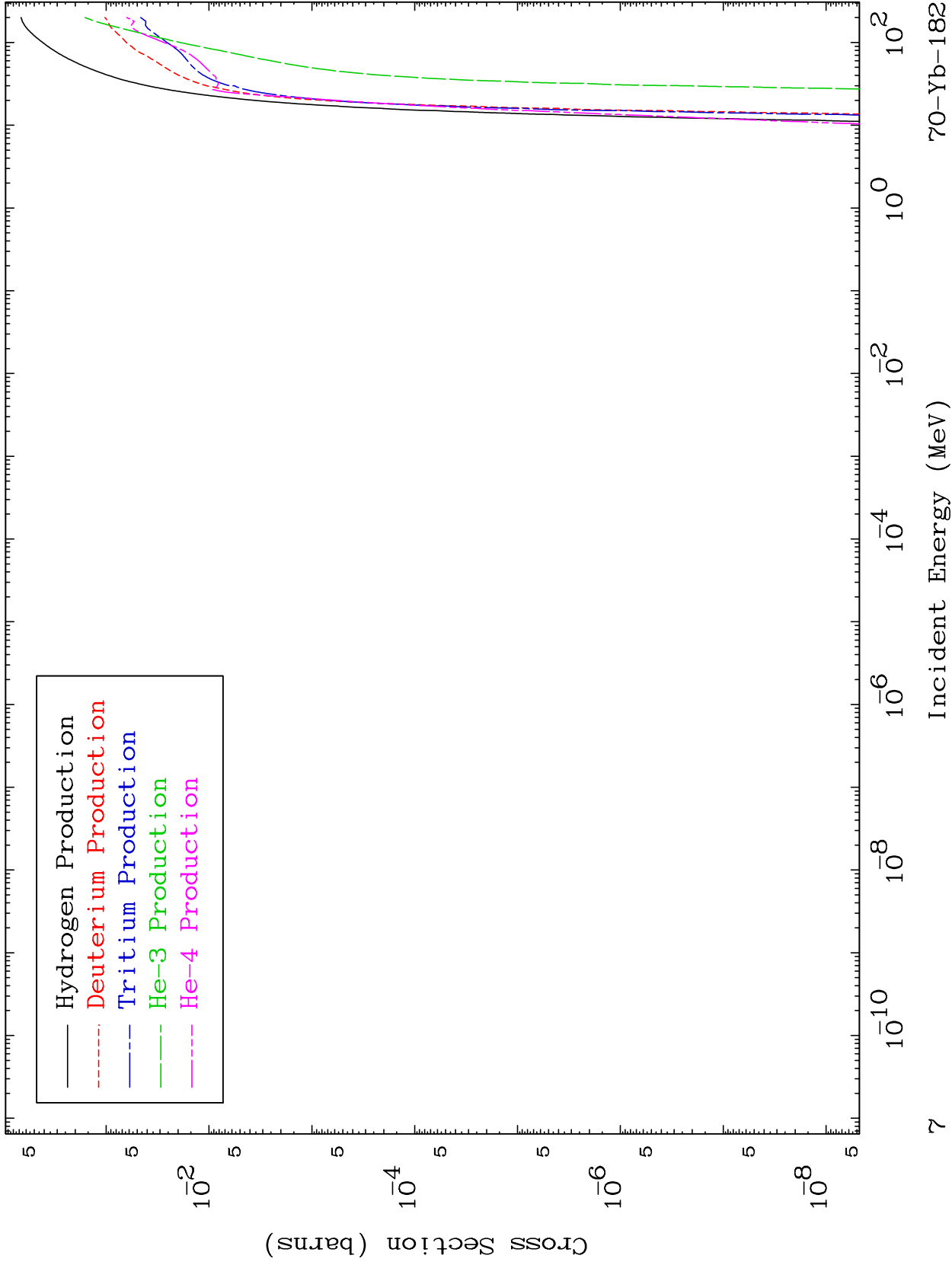
Incident Energy (MeV)



MAT 7067

Particle Production
293 Kelvin Cross Sections

70-Yb-182

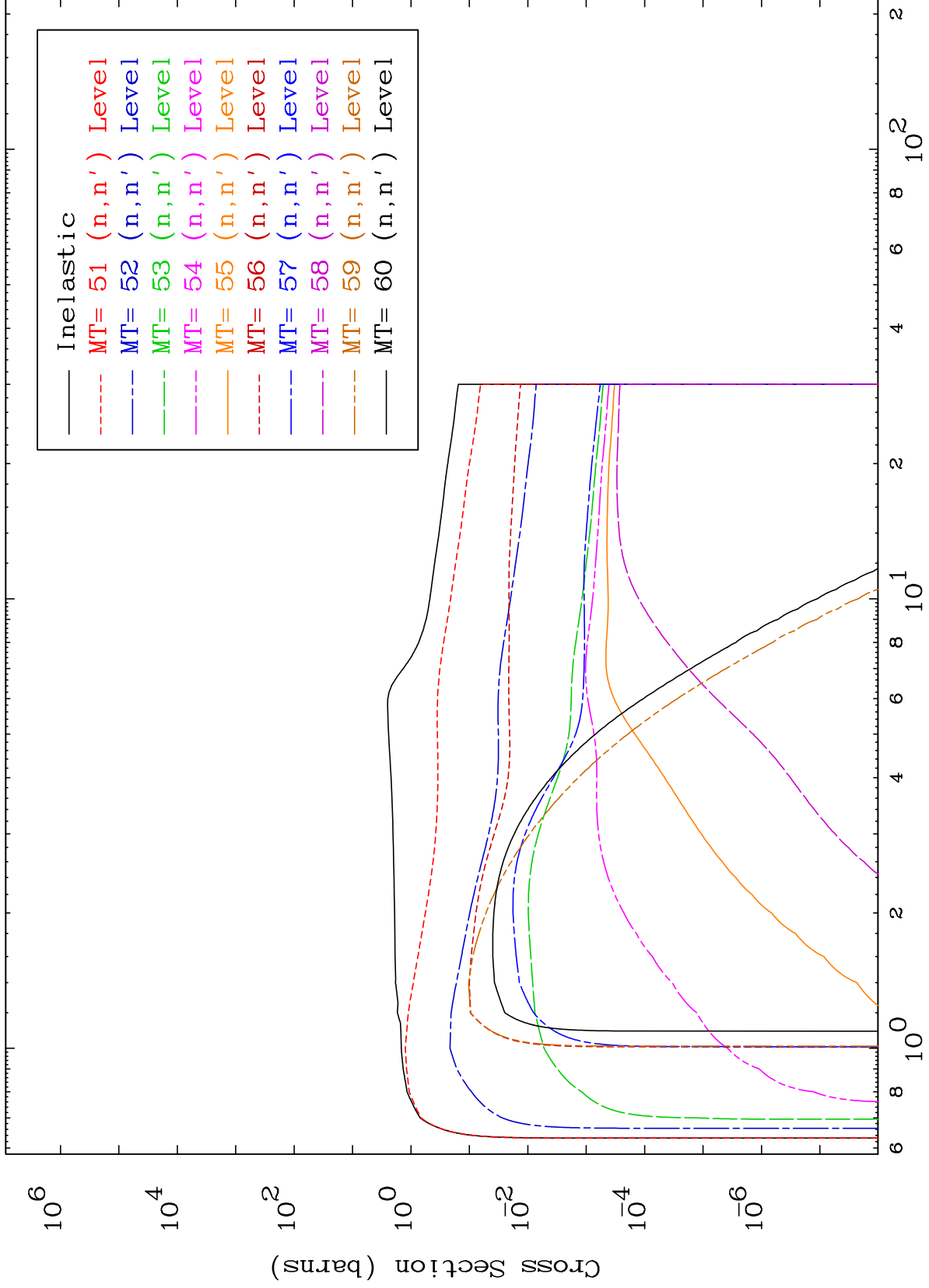


MAT 7067

(n,n') Levels

70-Yb-182

293 Kelvin Cross Sections

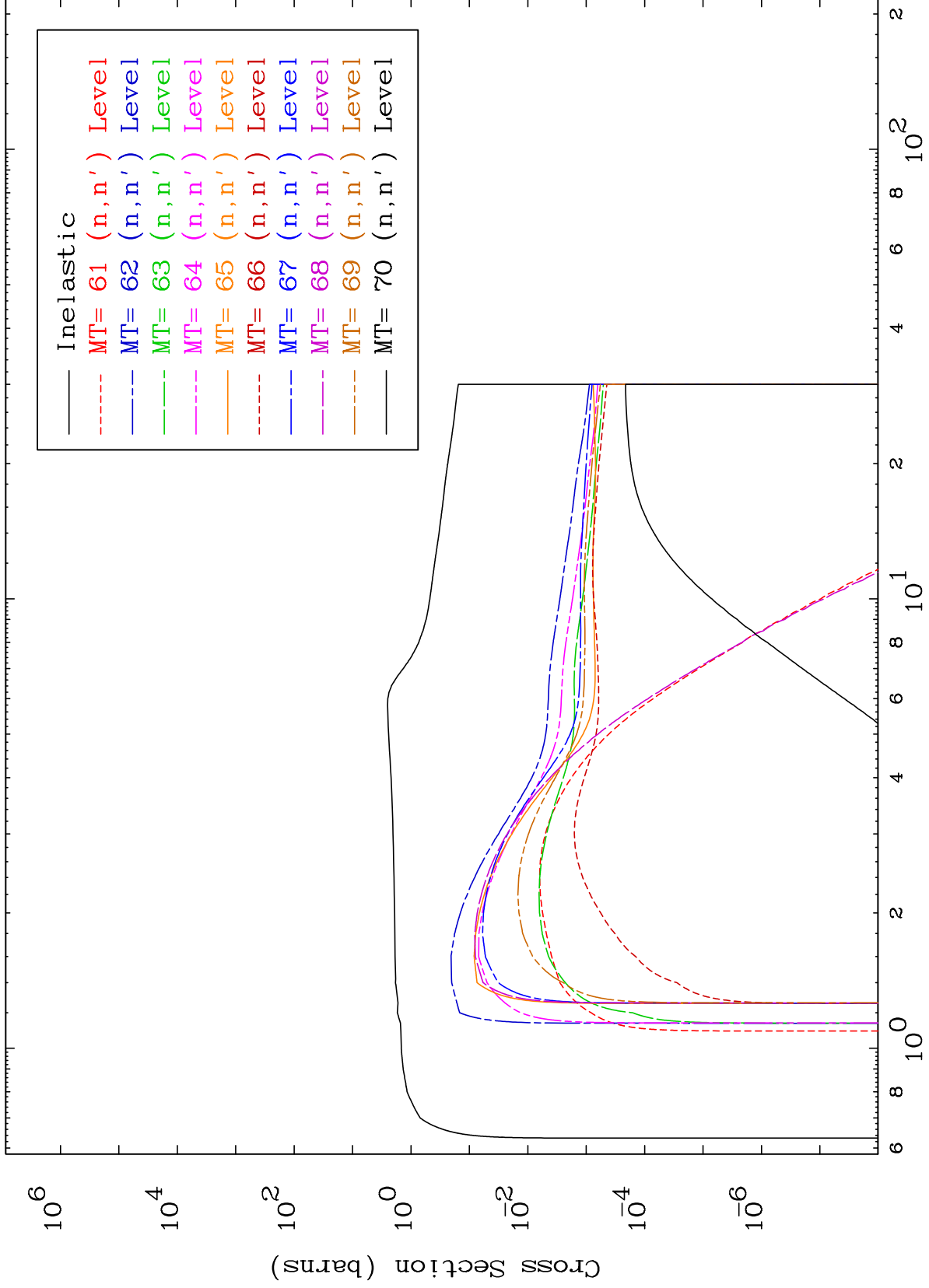


8

Incident Energy (MeV)

70-Yb-182

293 Kelvin Cross Sections

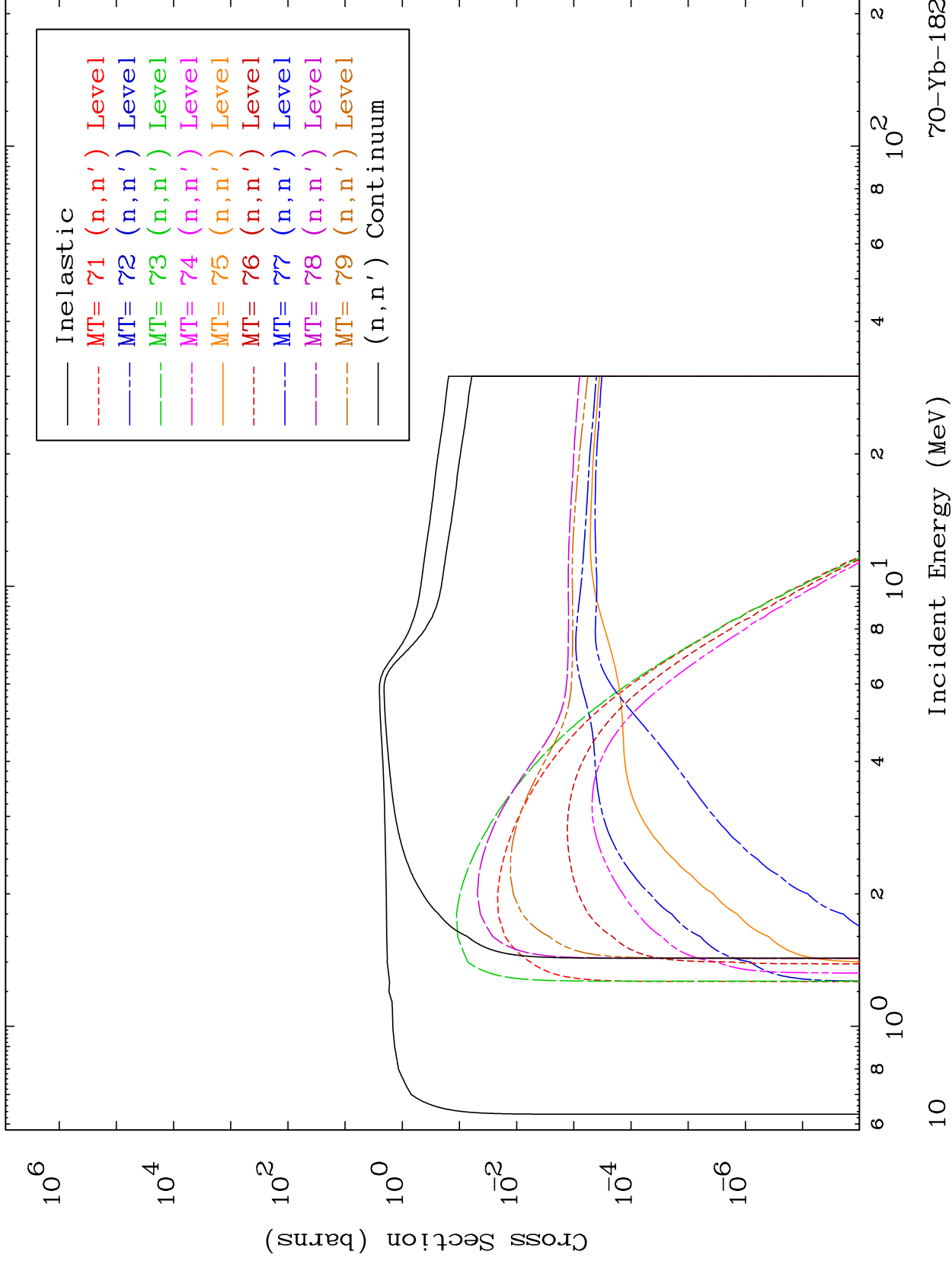


MAT 7067

(n,n') Levels

70-Yb-182

293 Kelvin Cross Sections



10

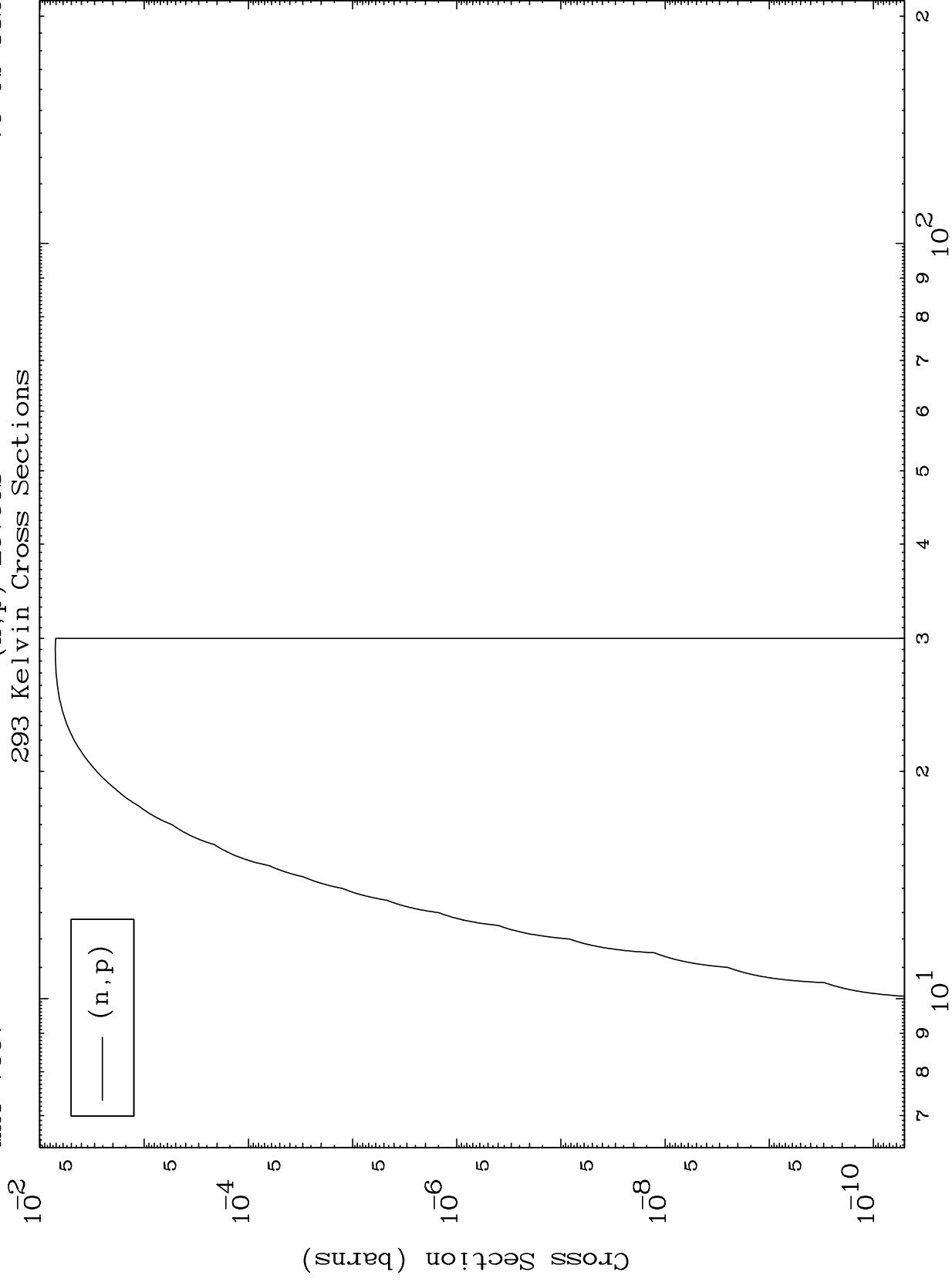
Incident Energy (MeV)

70-Yb-182

MAT 7067

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-182



11

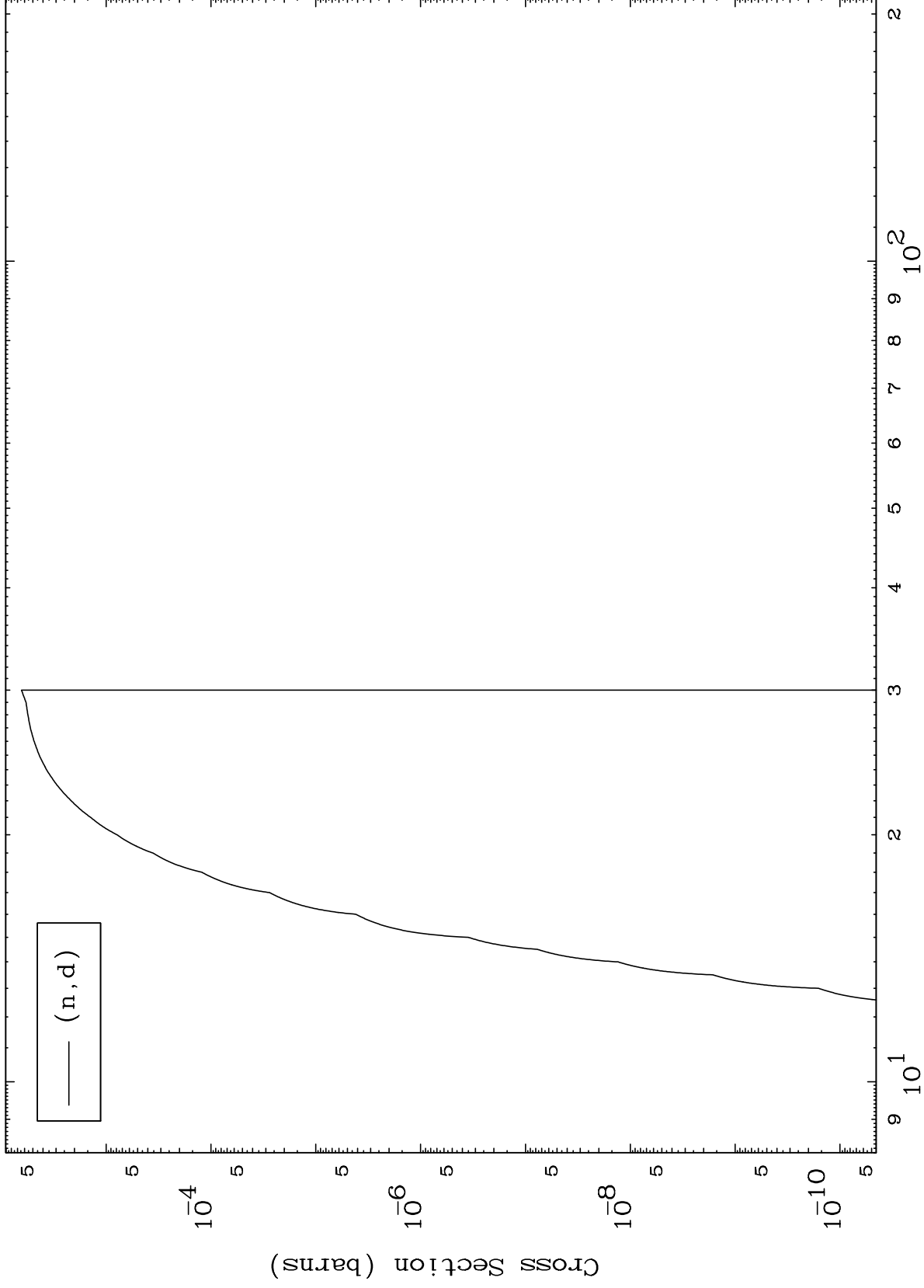
Incident Energy (MeV)

70-Yb-182

MAT 7067

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-182



12

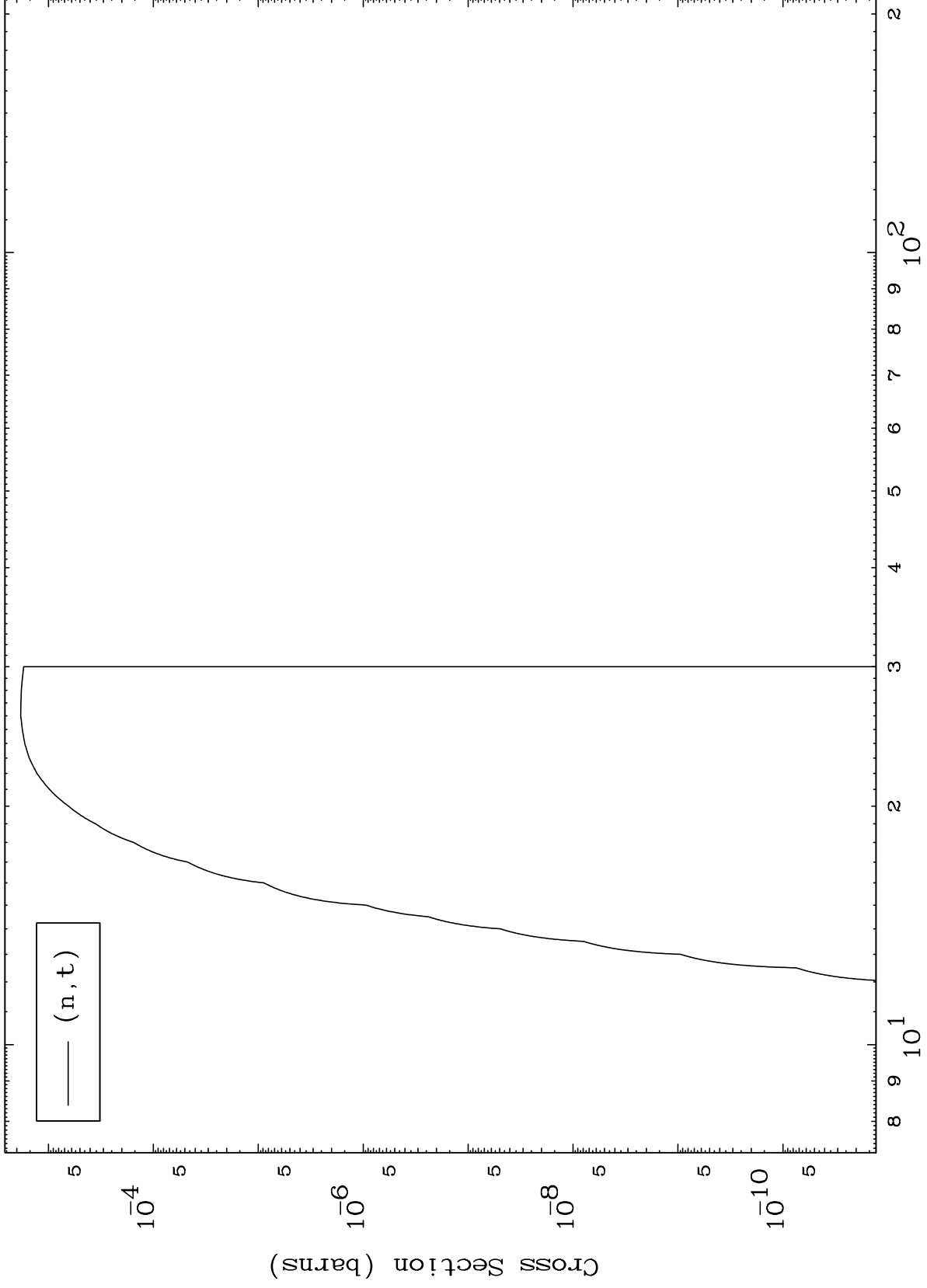
Incident Energy (MeV)

70-Yb-182

MAT 7067

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-182



13

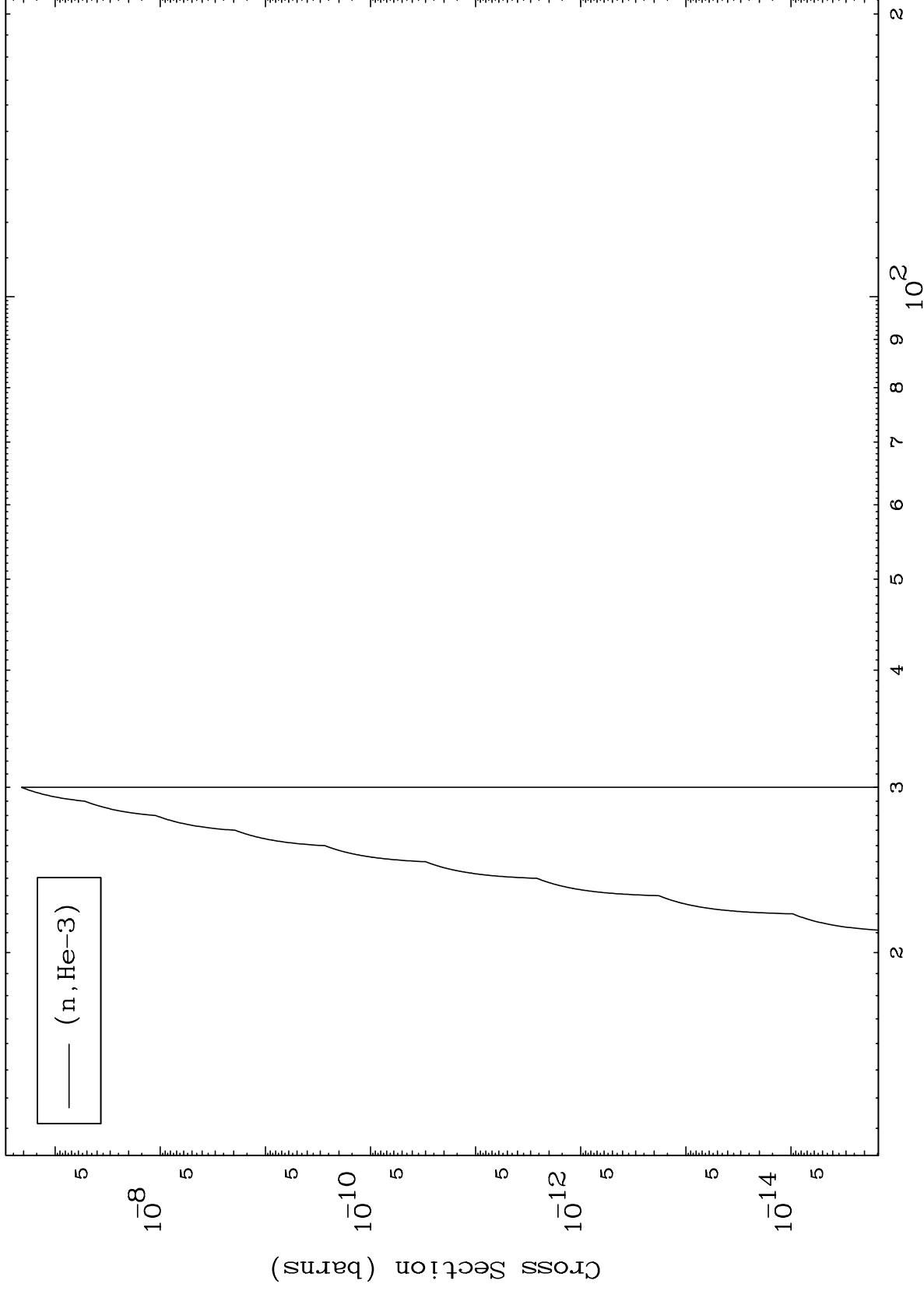
Incident Energy (MeV)

70-Yb-182

MAT 7067

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-182



14

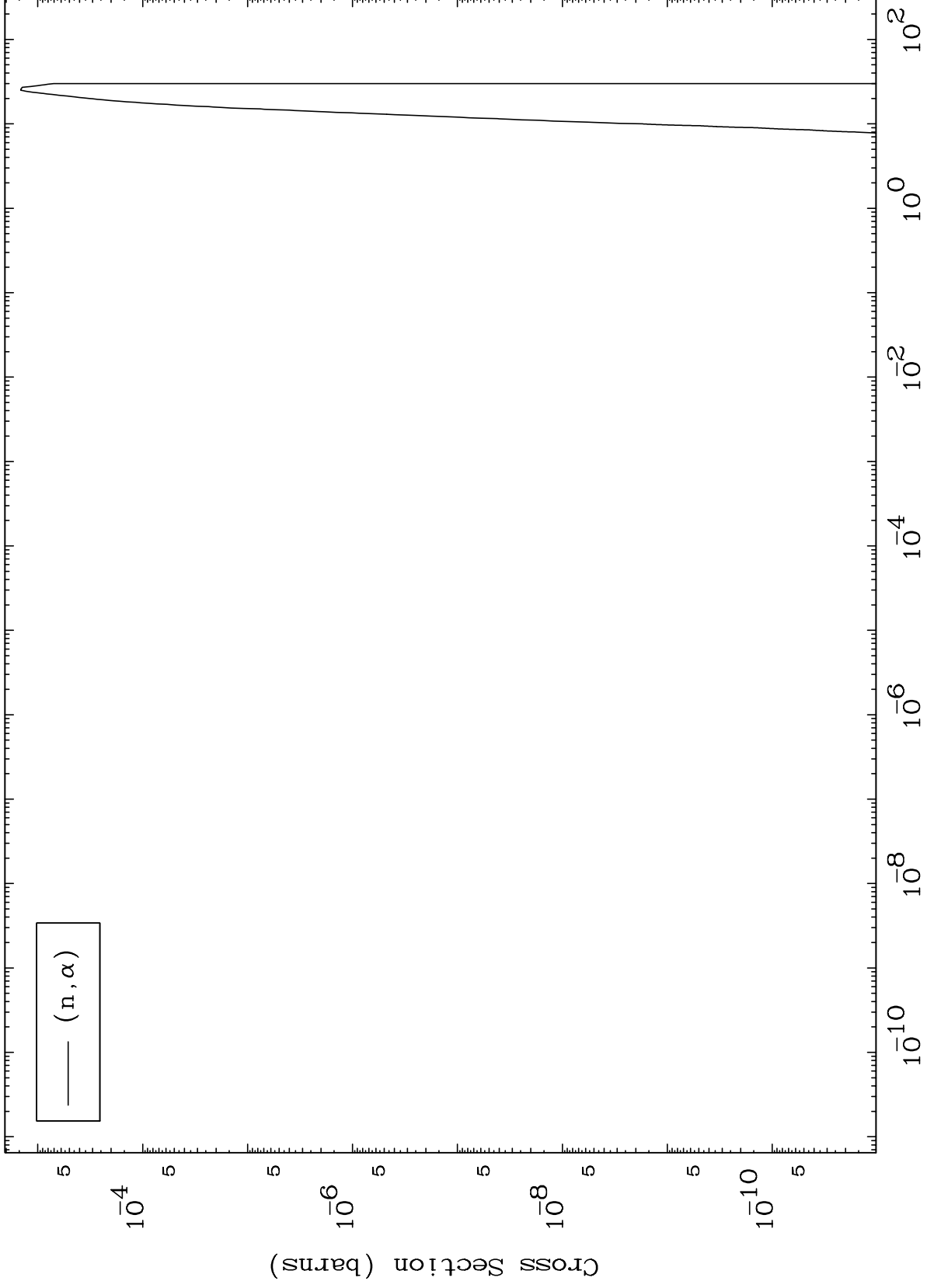
Incident Energy (MeV)

70-Yb-182

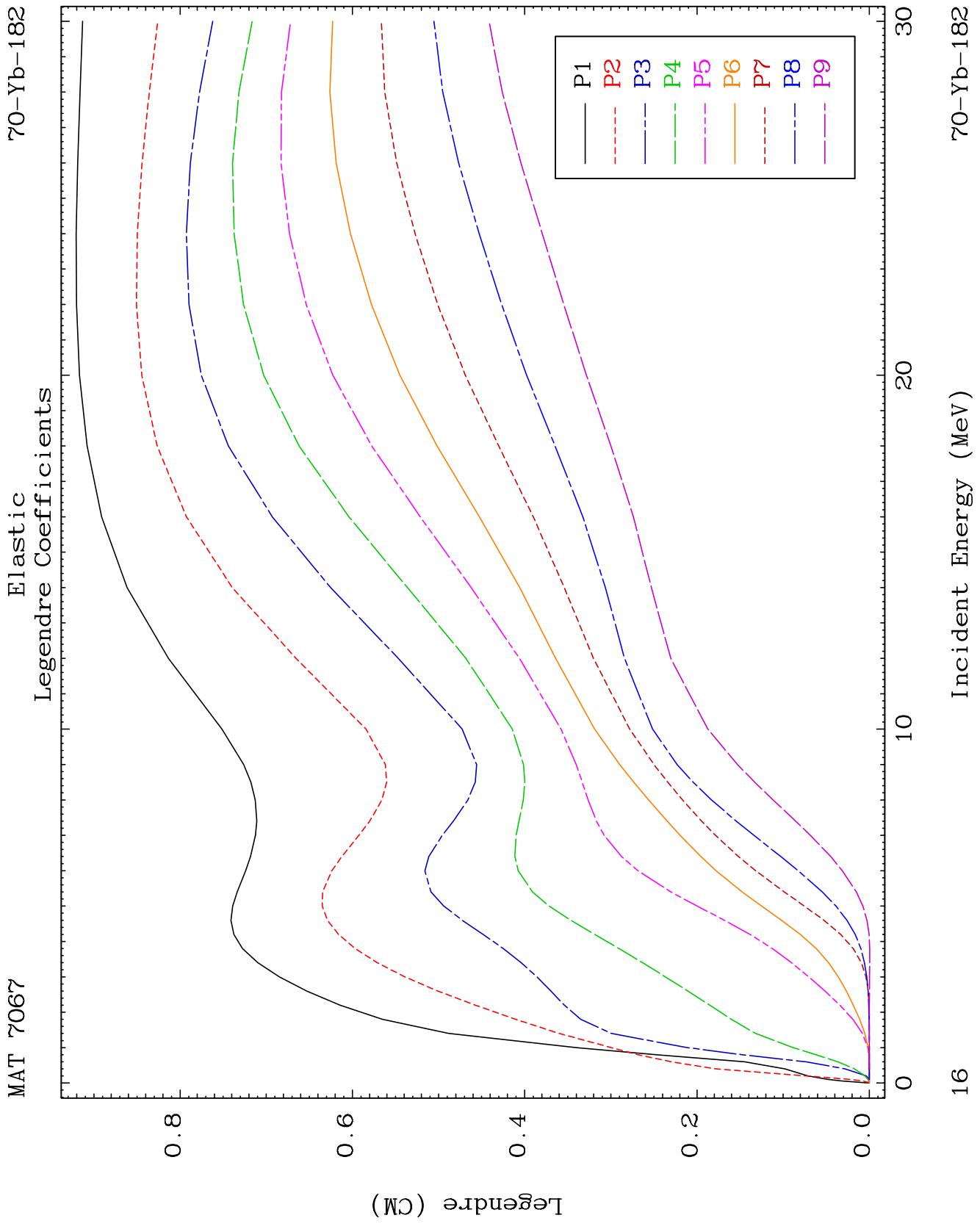
MAT 7067

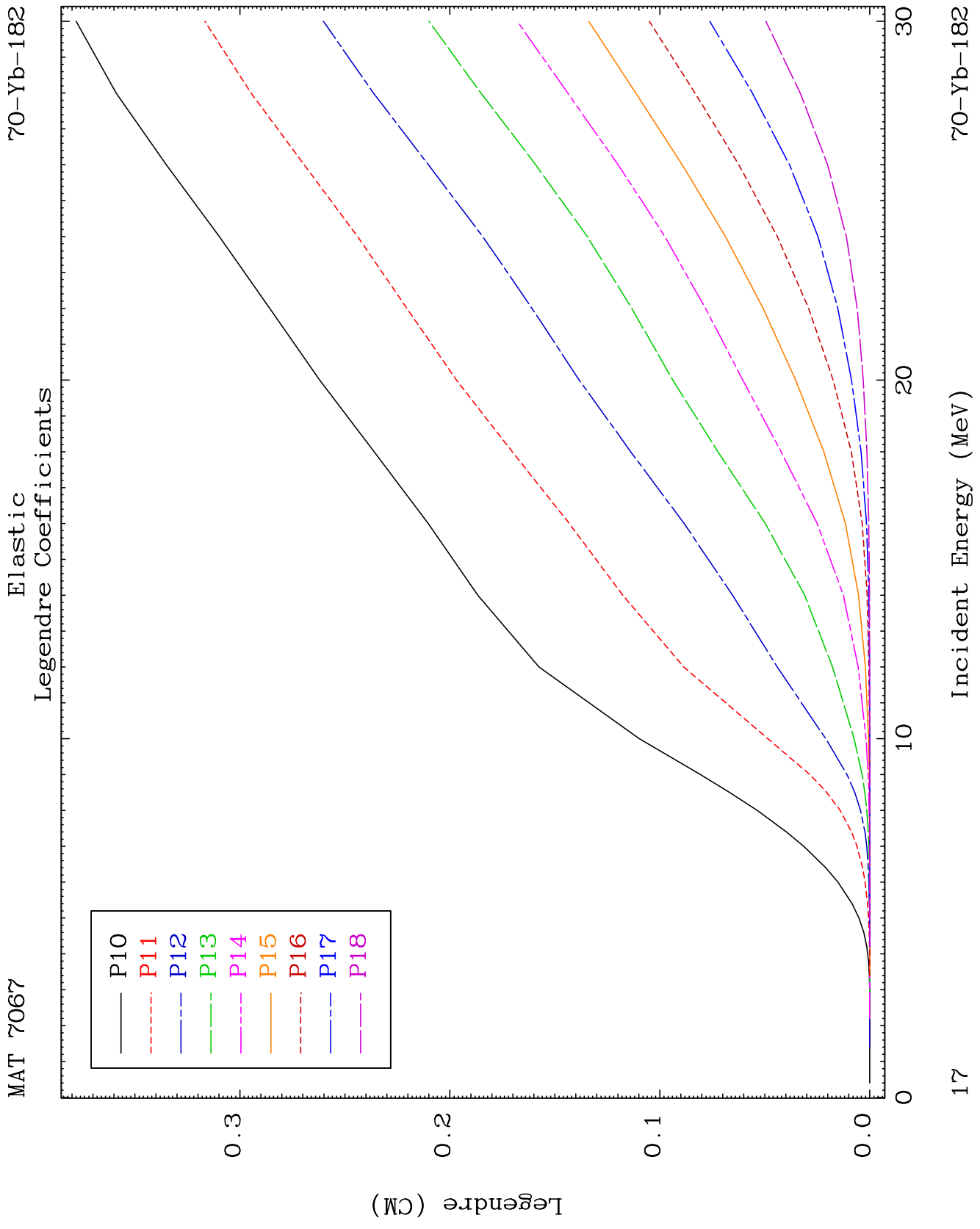
(n, α) Levels
293 Kelvin Cross Sections

70-Yb-182



(n, α)

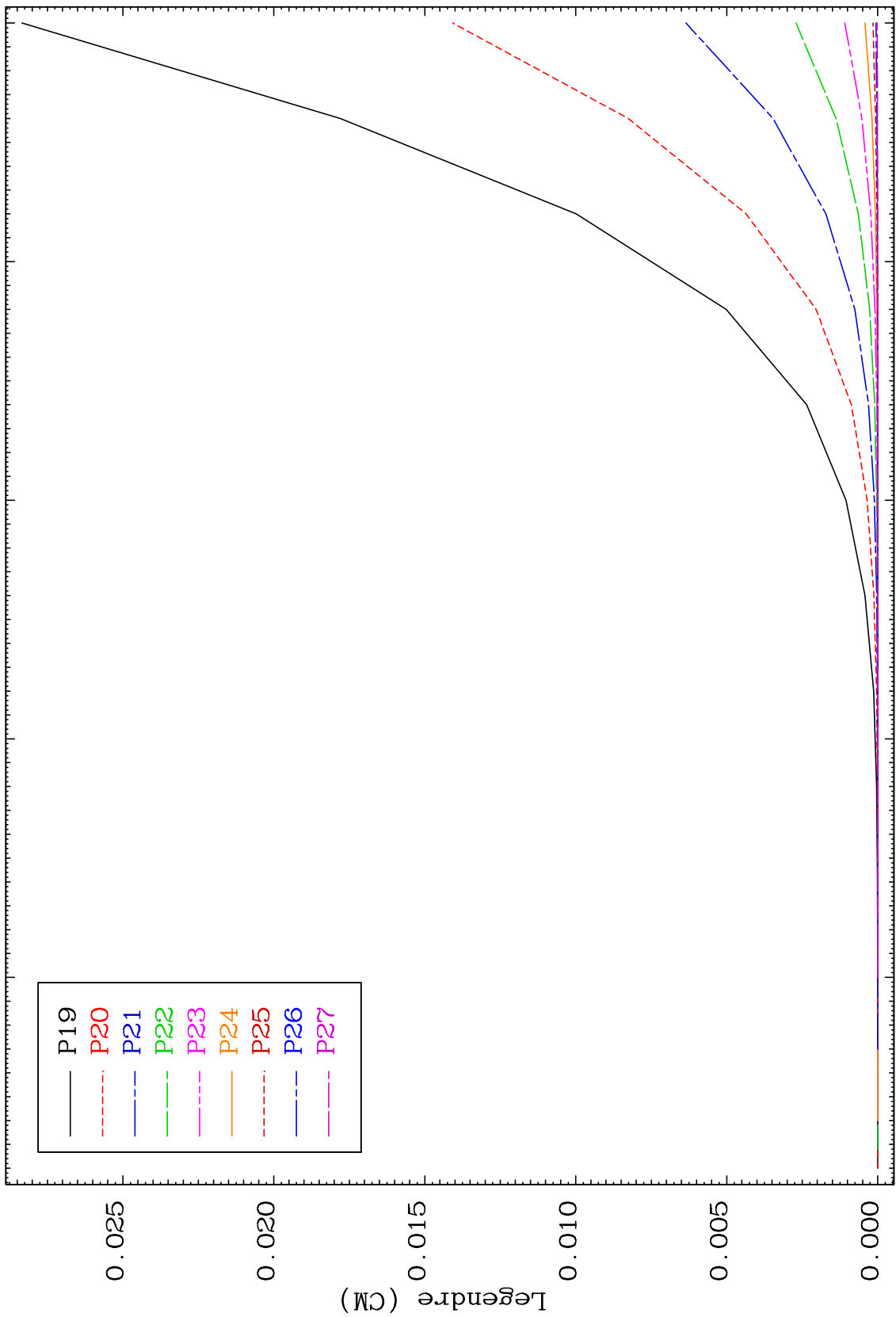




MAT 7067

Elastic Legendre Coefficients

70-Yb-182



18

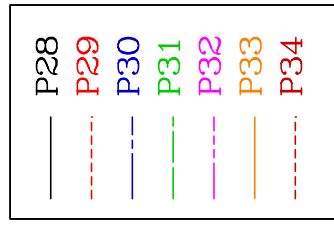
Incident Energy (MeV)

70-Yb-182

MAT 7067

Elastic Legendre Coefficients

70-Yb-182



$\times 10^{-6}$

6

4

2

0

Legendre (CM)

15

20

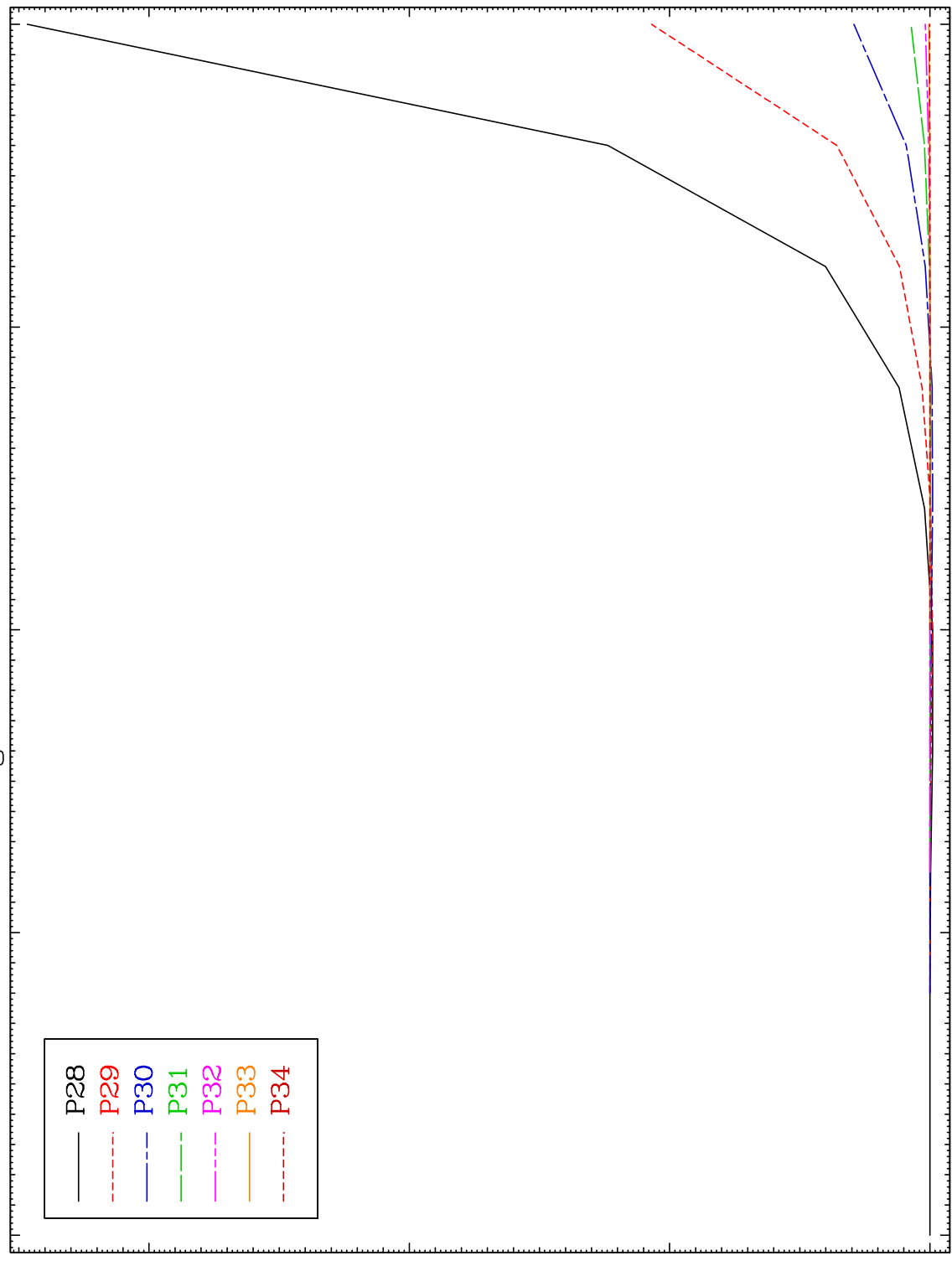
25

30

19

Incident Energy (MeV)

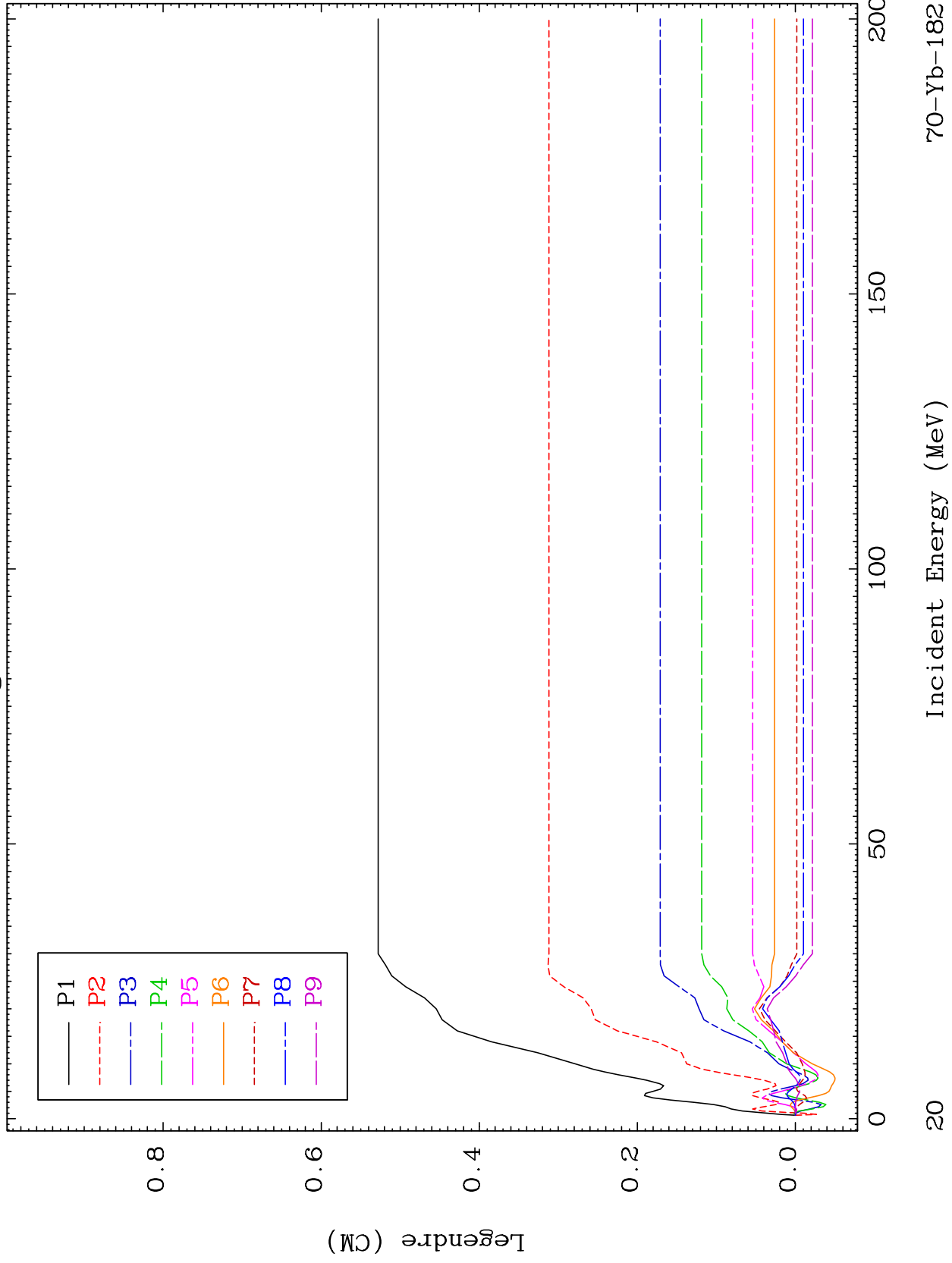
70-Yb-182

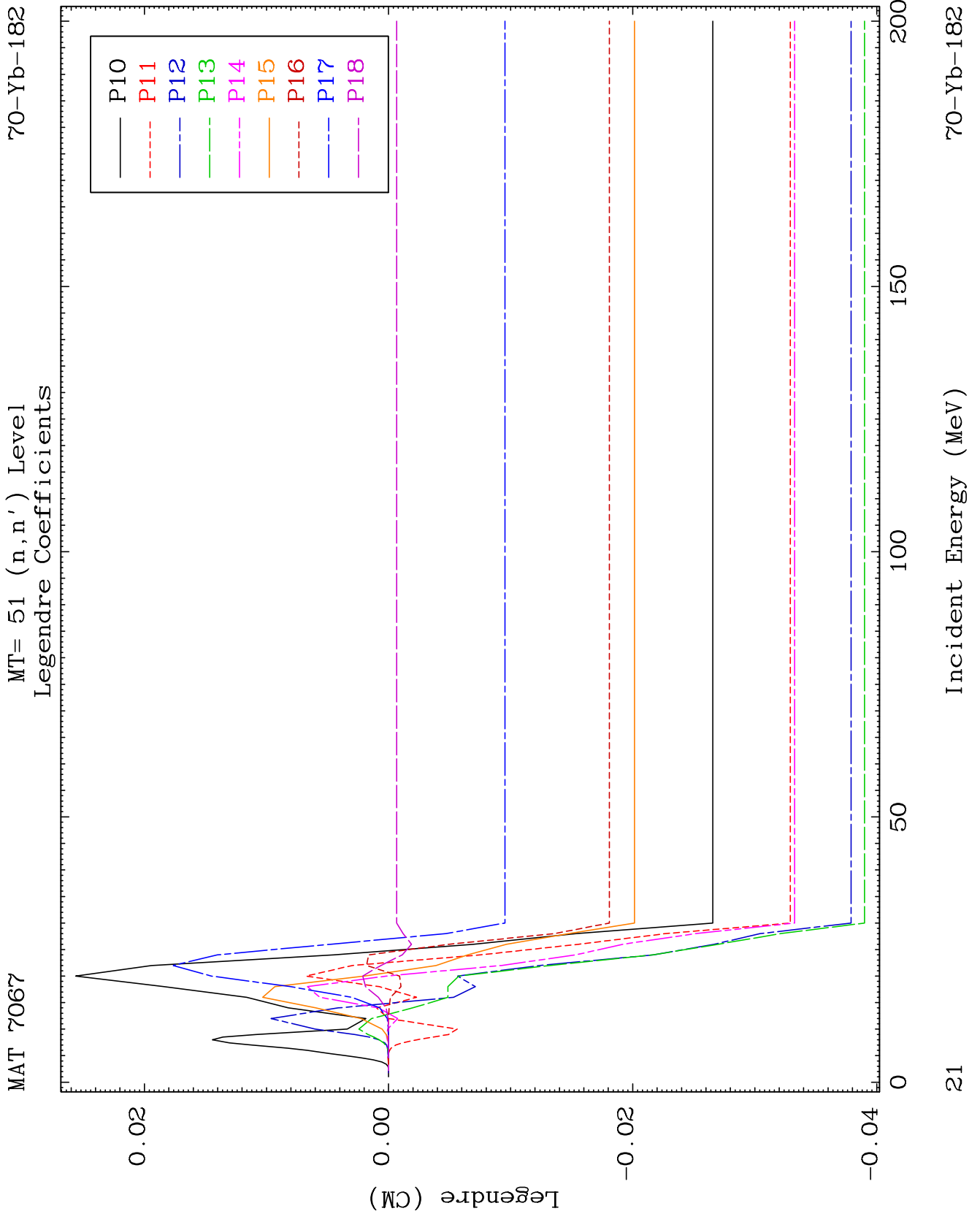


MAT 7067

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

70-Yb-182

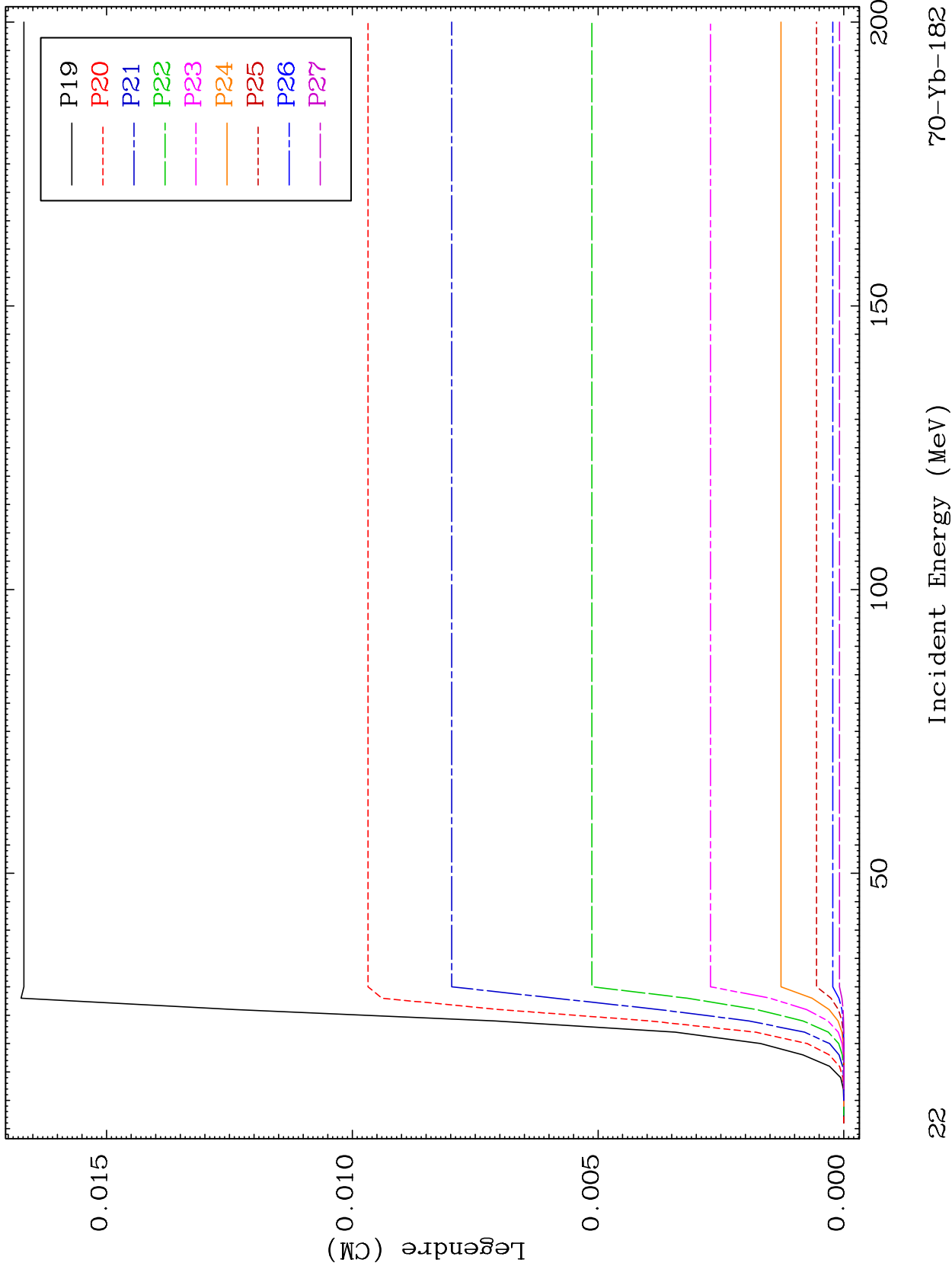




MAT 7067

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

70-Yb-182



22

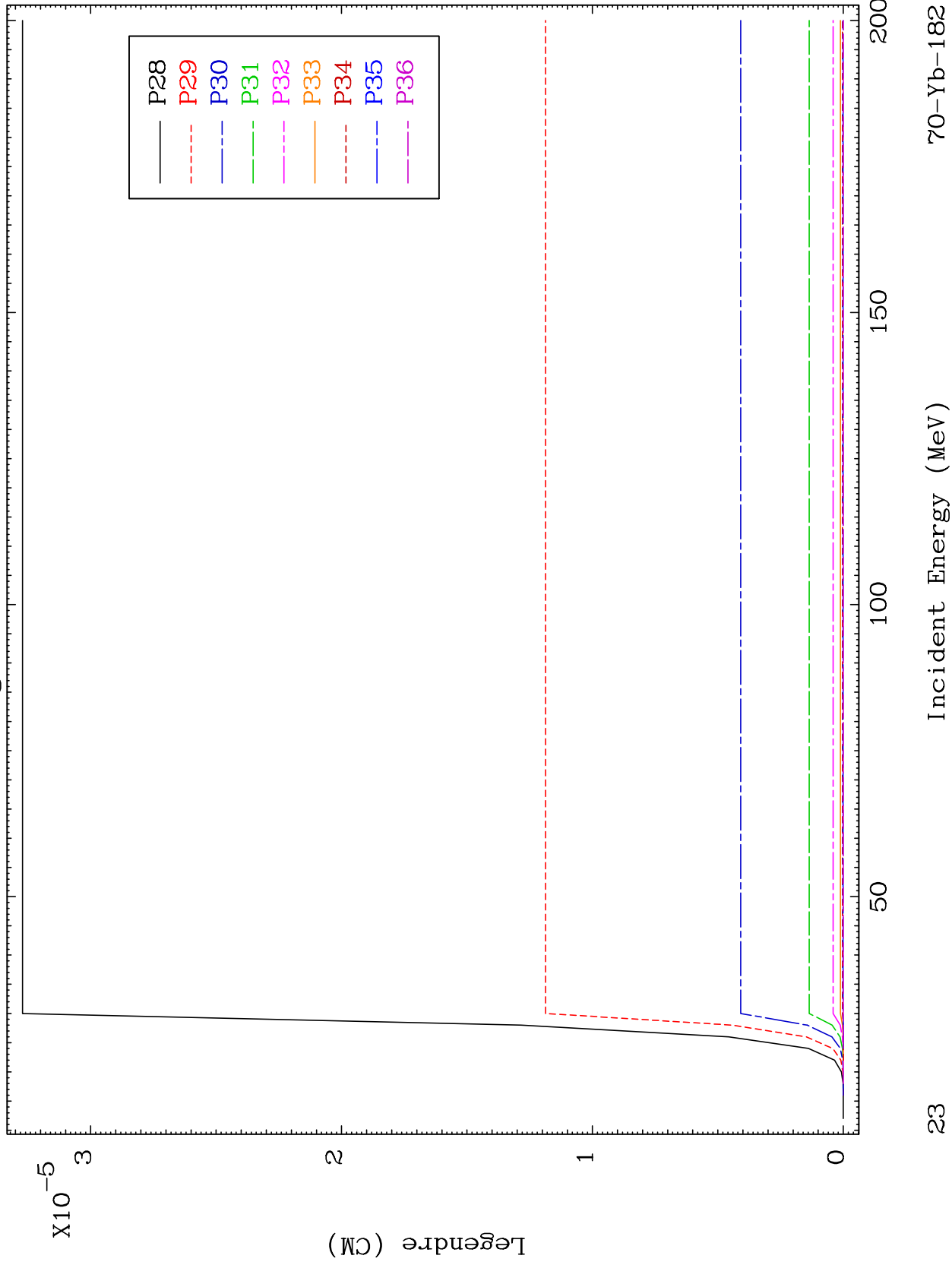
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

70-Yb-182

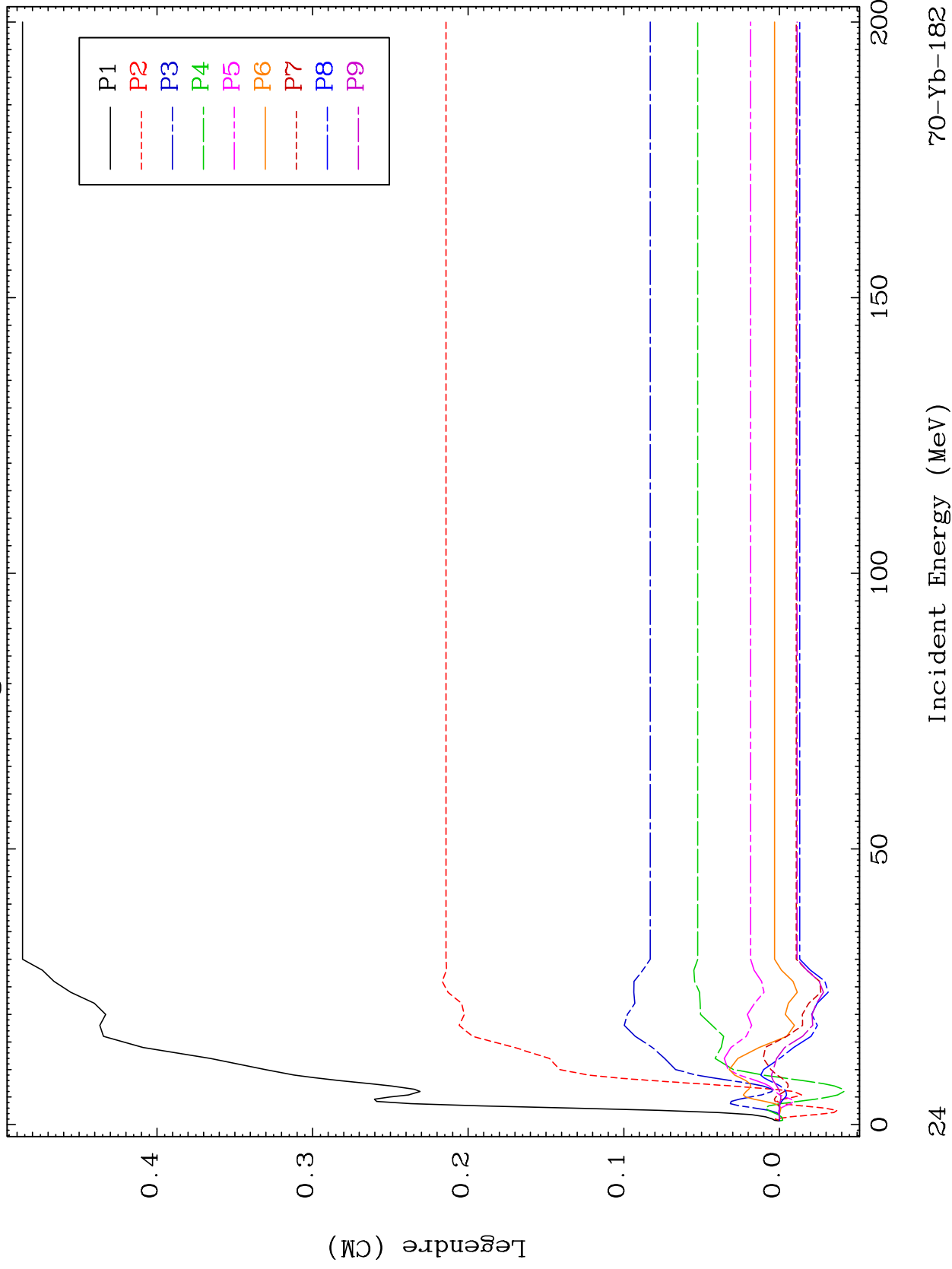


23

MAT 7067

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

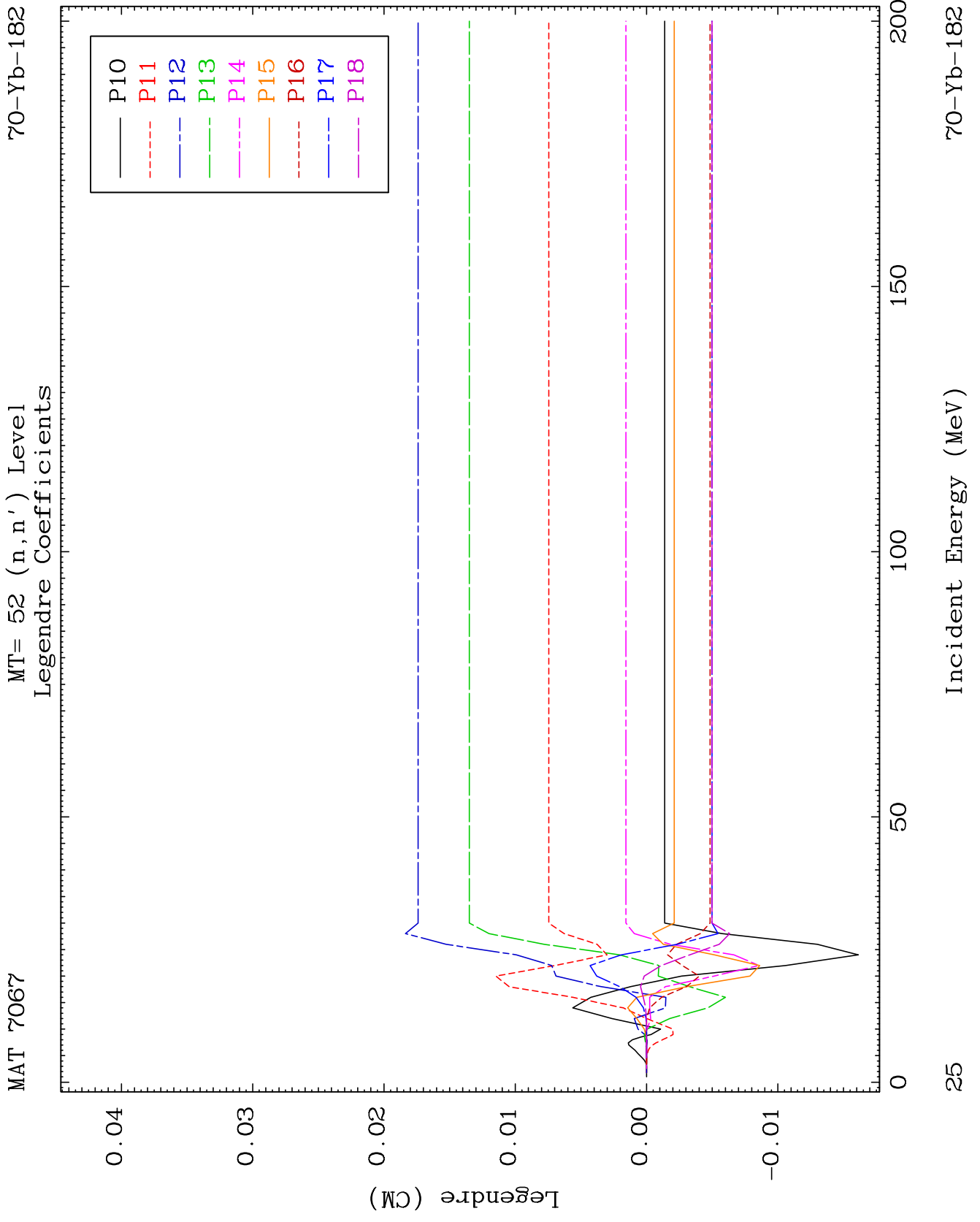
70-Yb-182



24

Incident Energy (MeV)

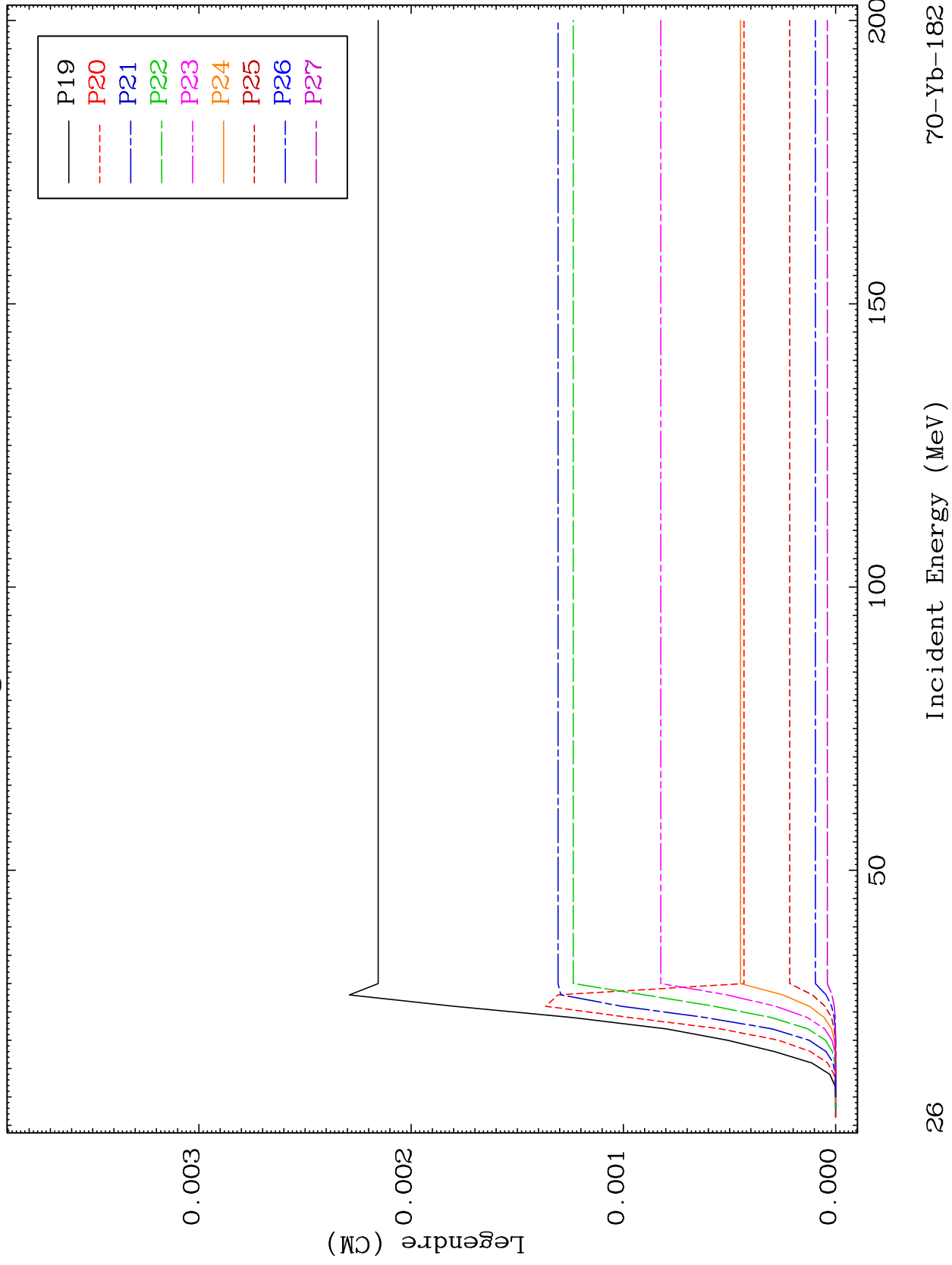
70-Yb-182



MAT 7067

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

70-Yb-182



26

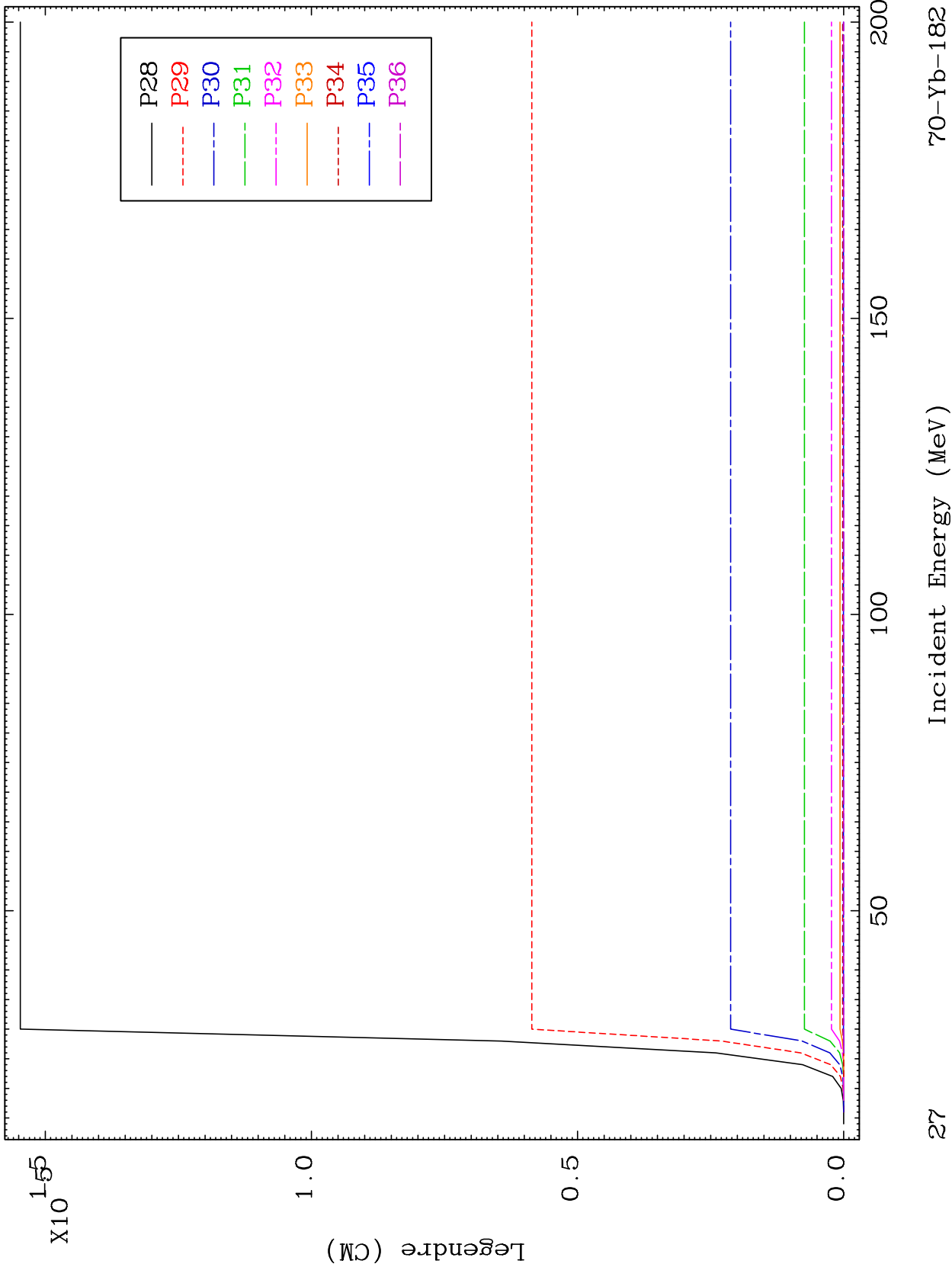
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

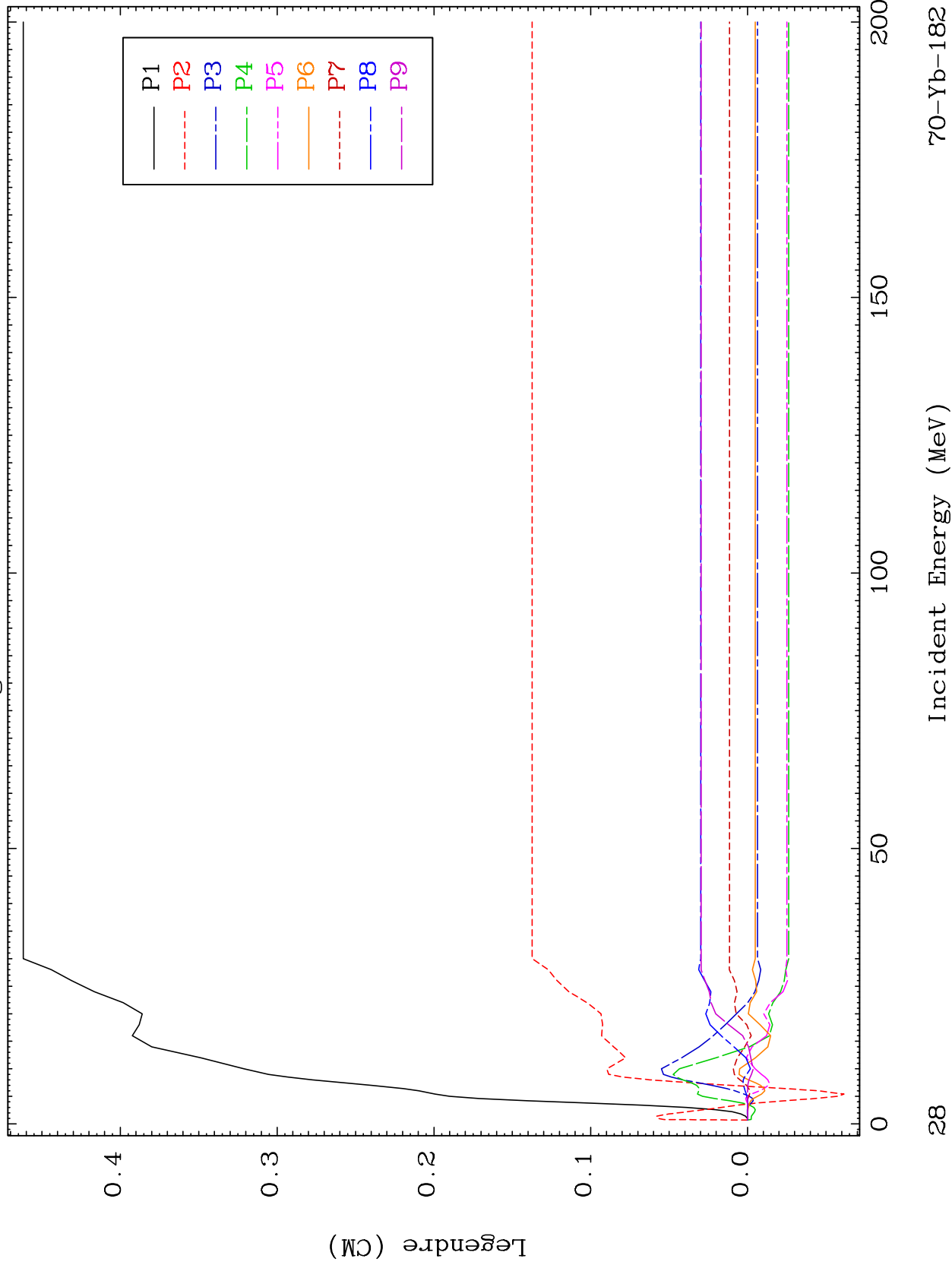
70-Yb-182



MAT 7067

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

70-Yb-182



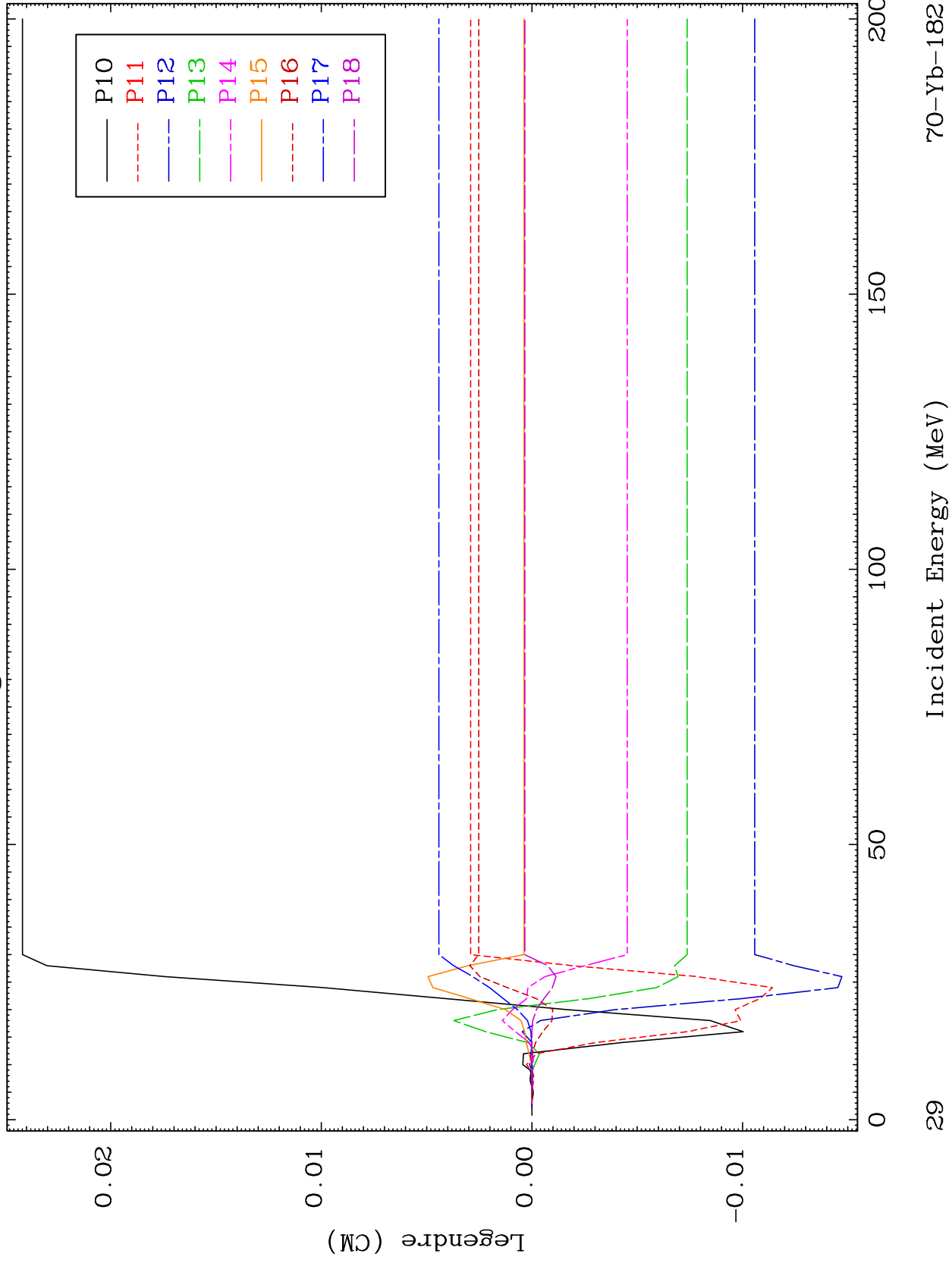
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70-Yb-182

MAT 7067

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

70-Yb-182



29

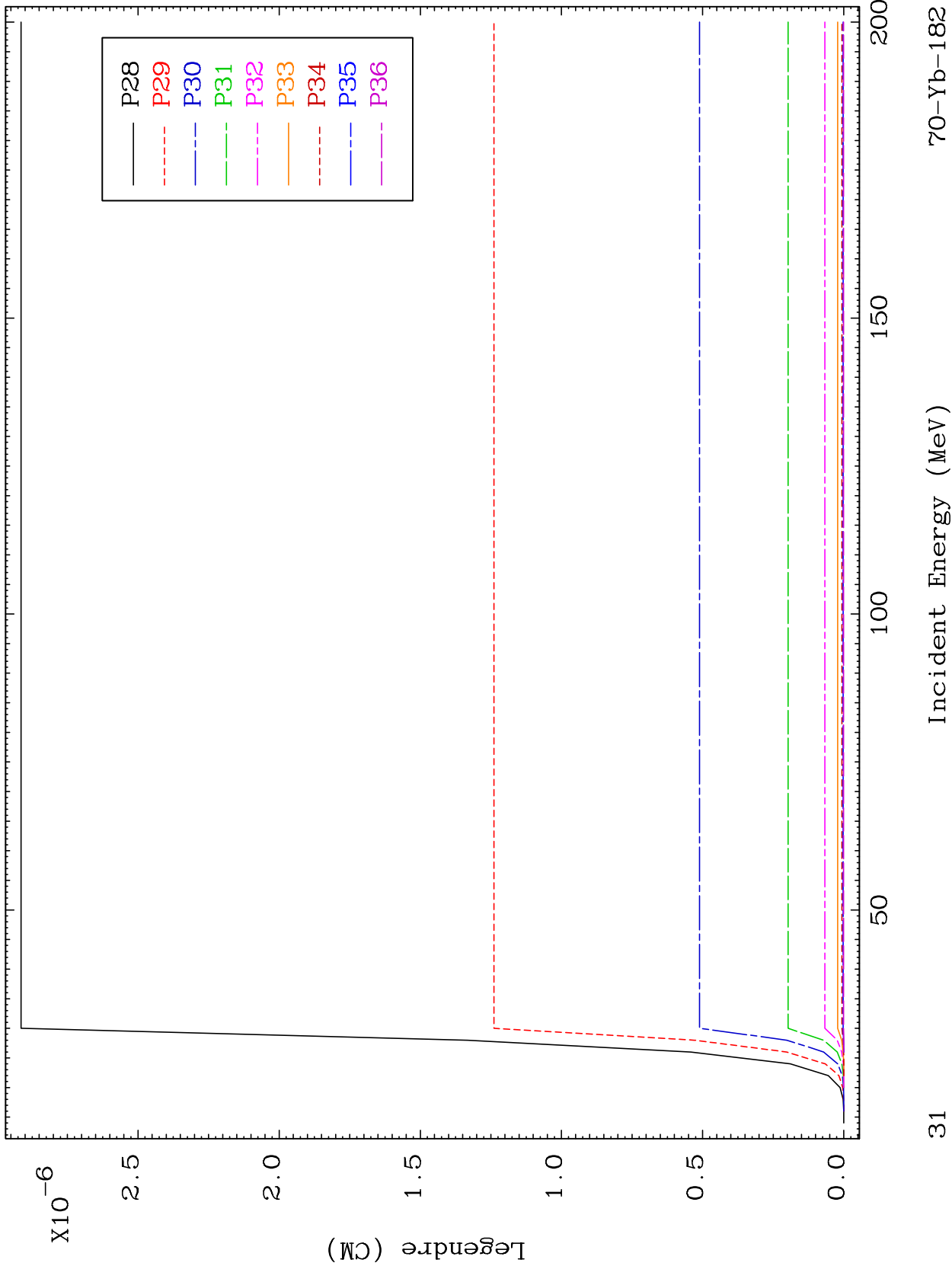
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

70-Yb-182

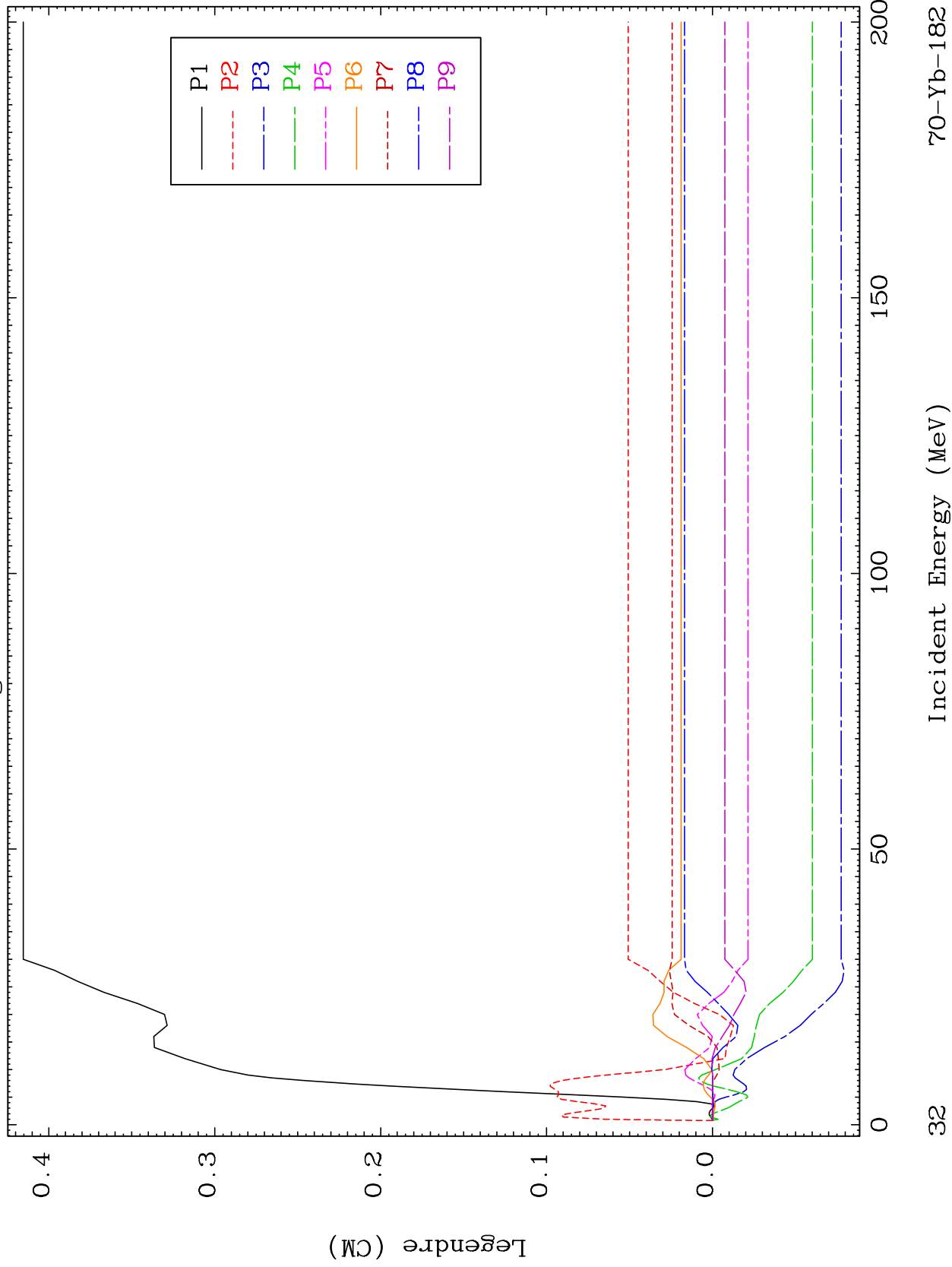


31

MAT 7067

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

70-Yb-182



32

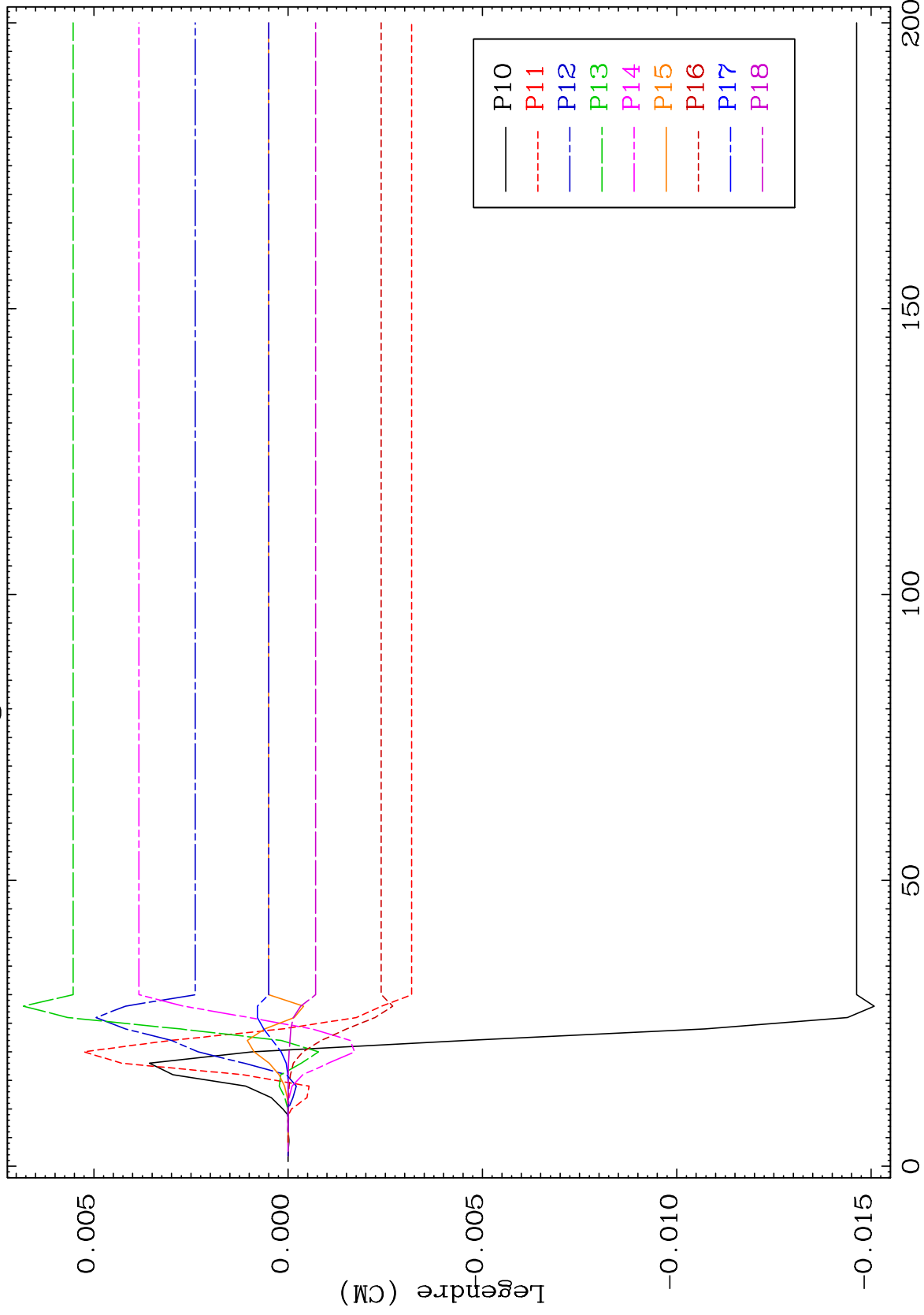
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

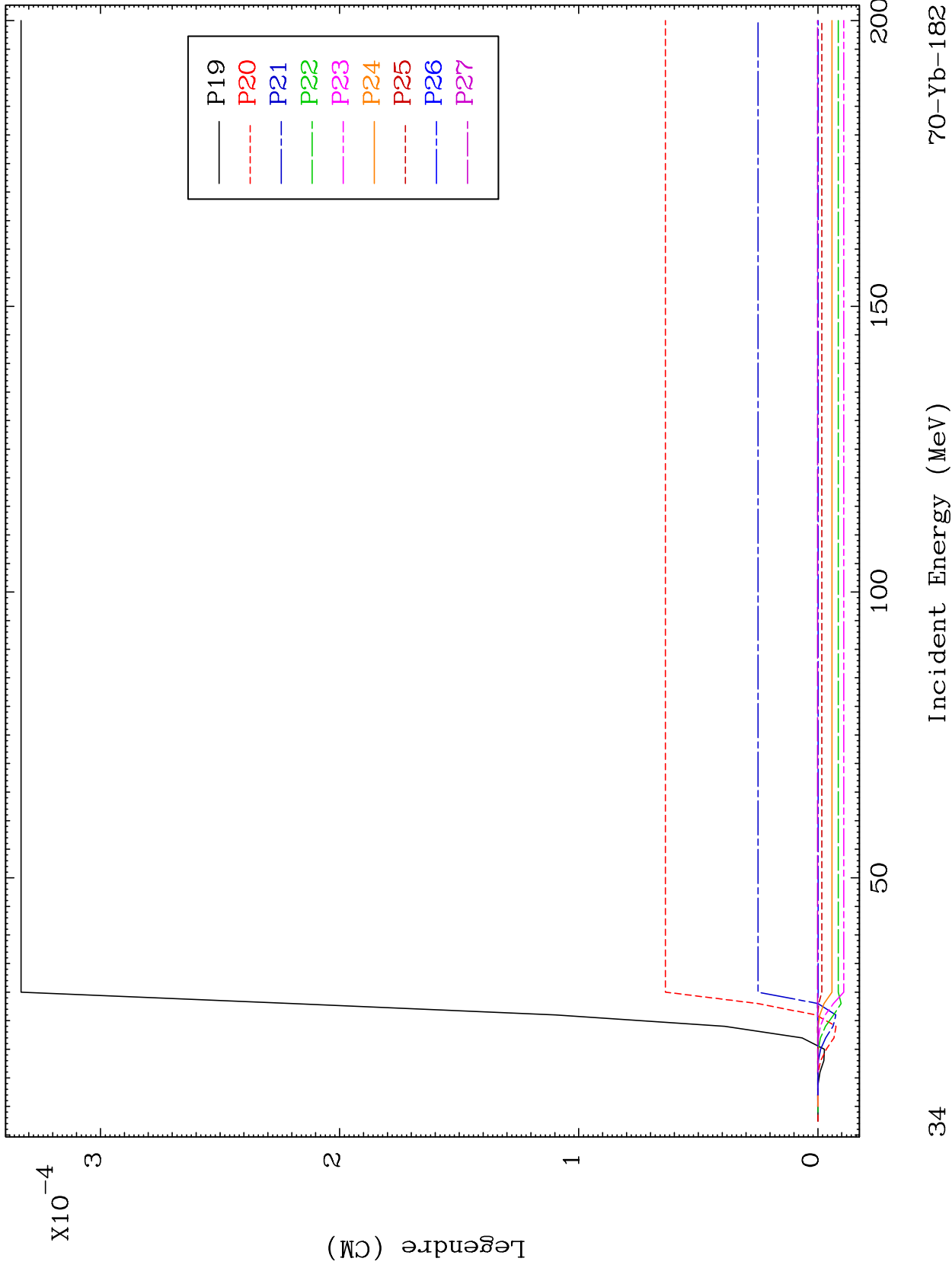
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MAT 7067

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

70-Yb-182



34

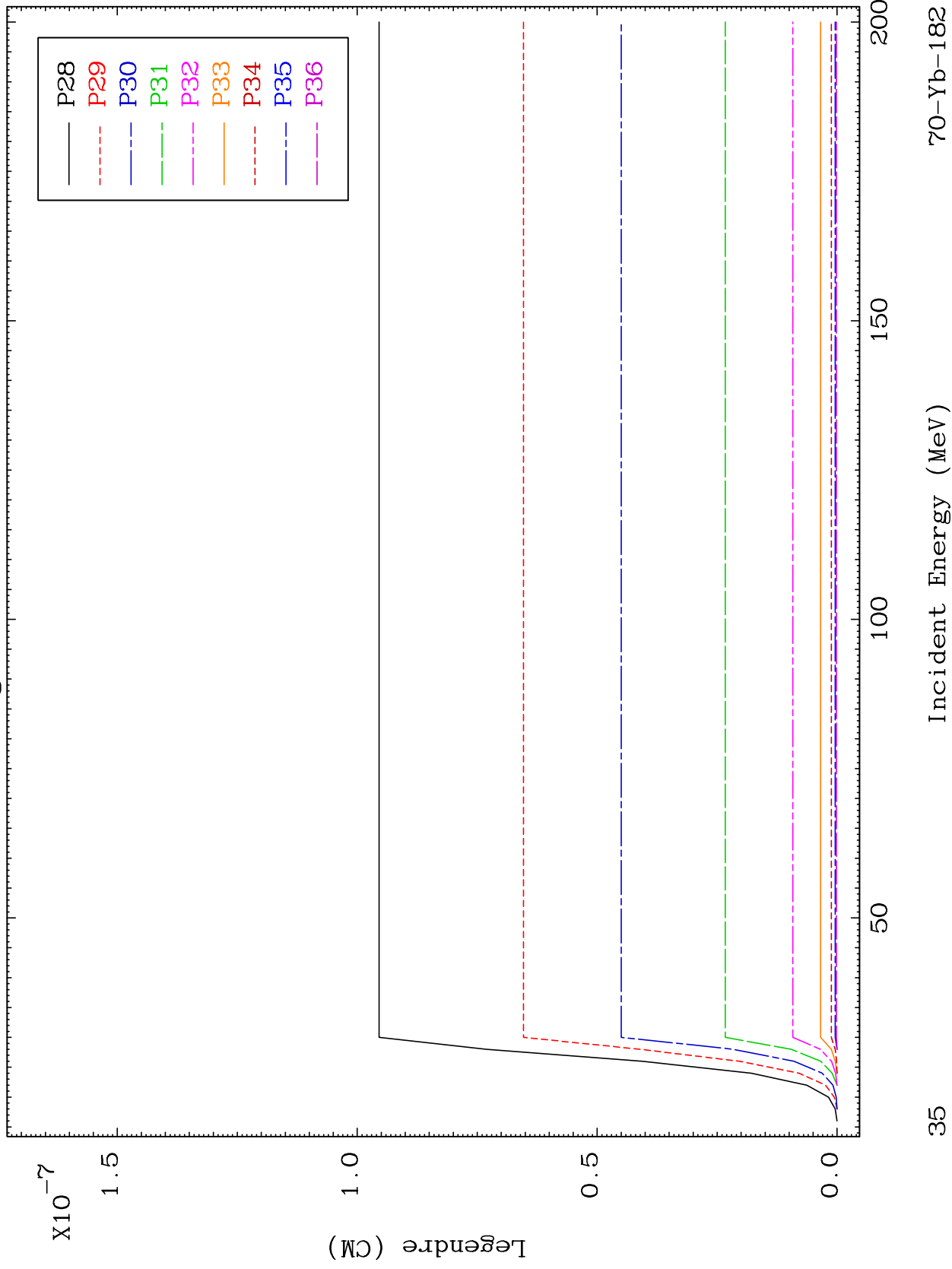
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

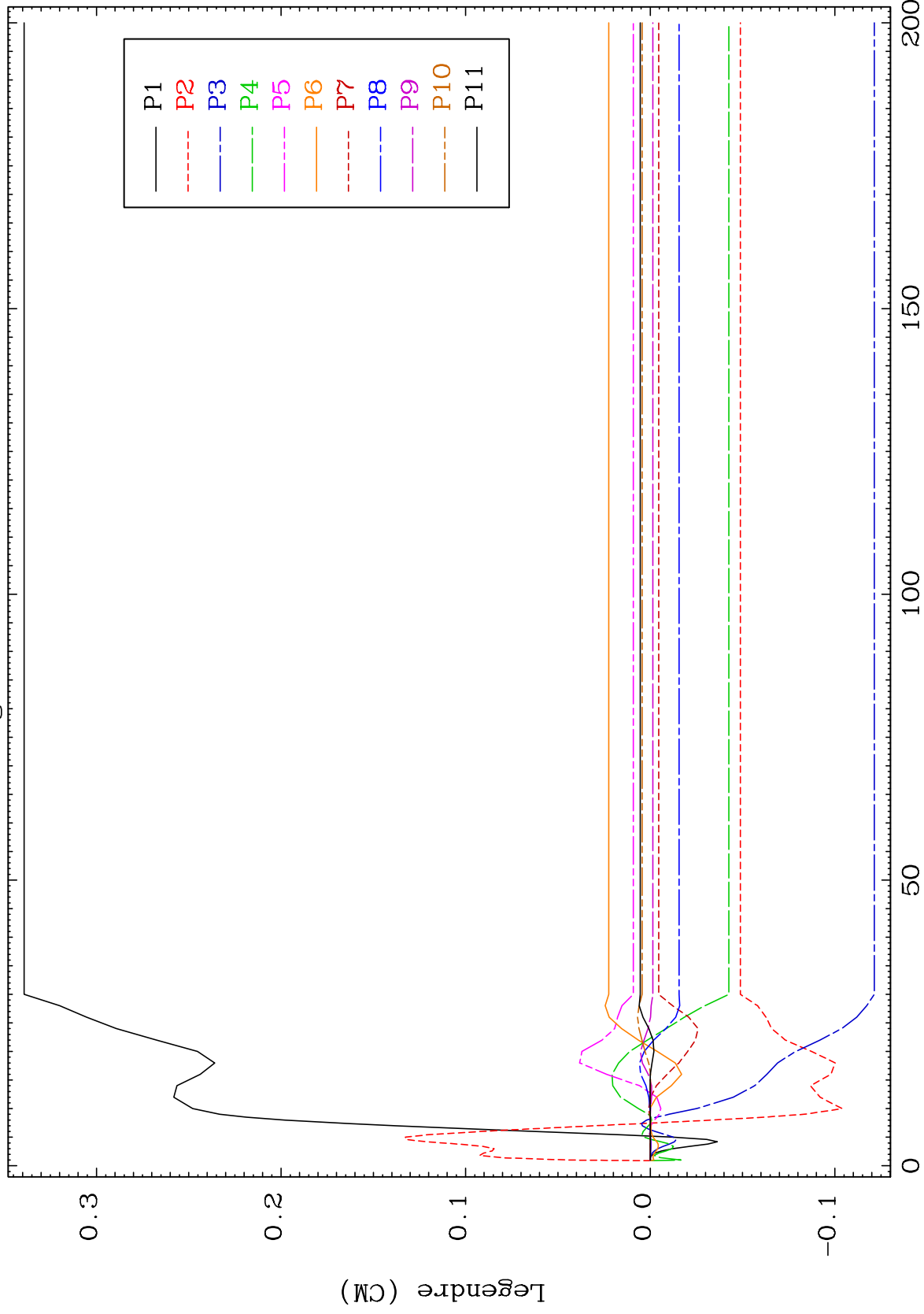
70-Yb-182



MAT 7067

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

70-Yb-182



36

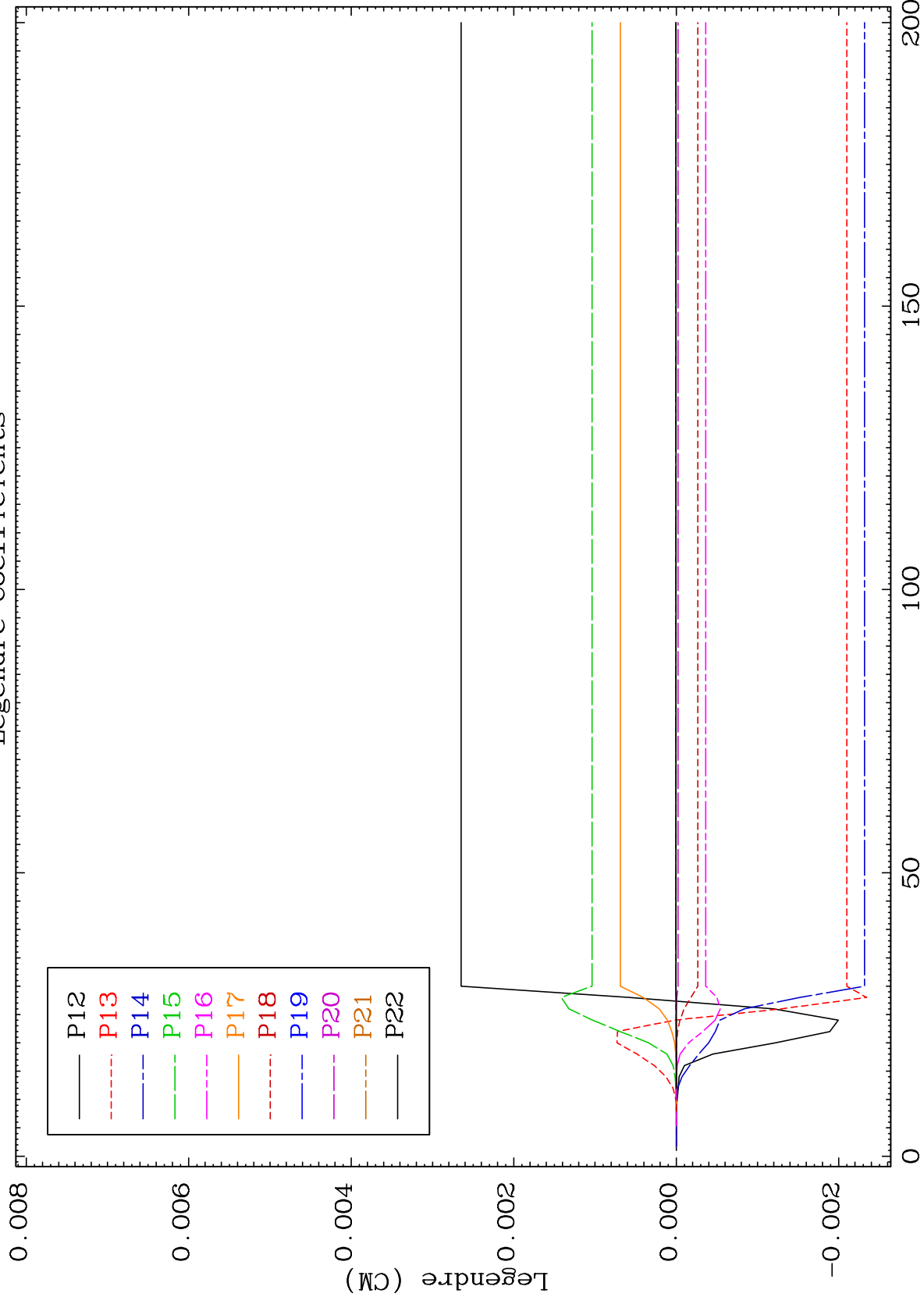
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

70-Yb-182



37

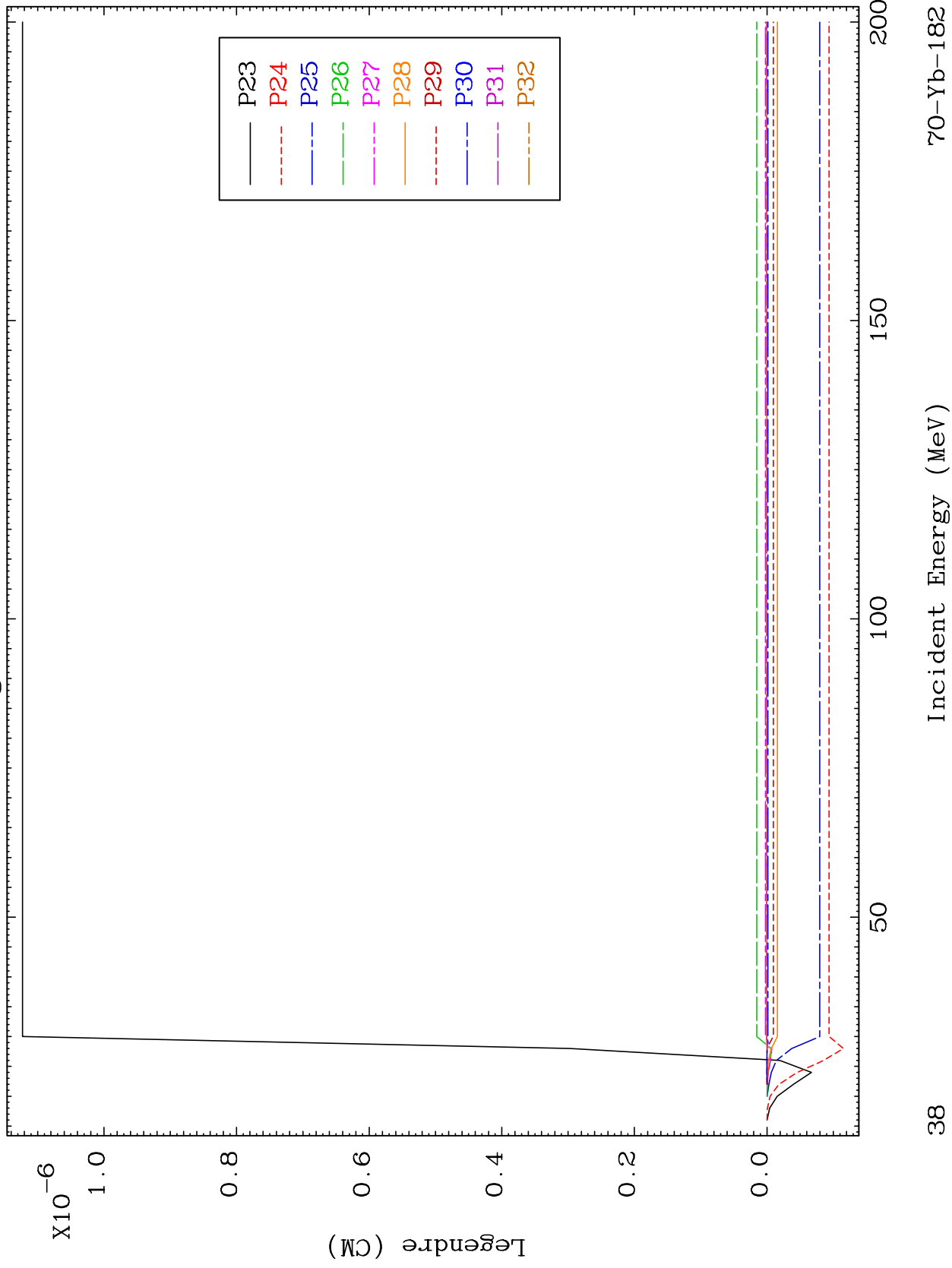
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

70-Yb-182



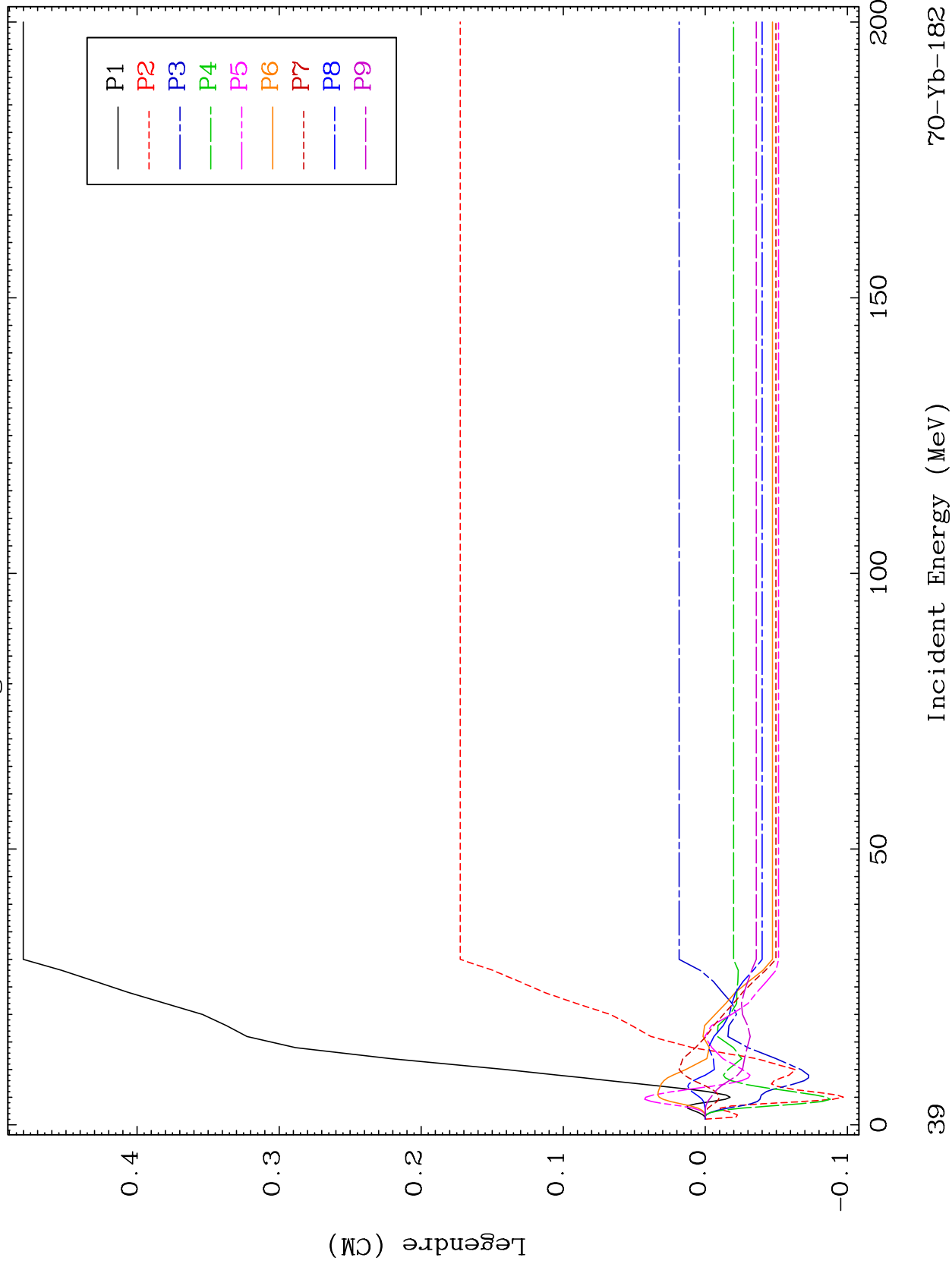
38

70-Yb-182

MAT 7067

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

70-Yb-182



70-Yb-182

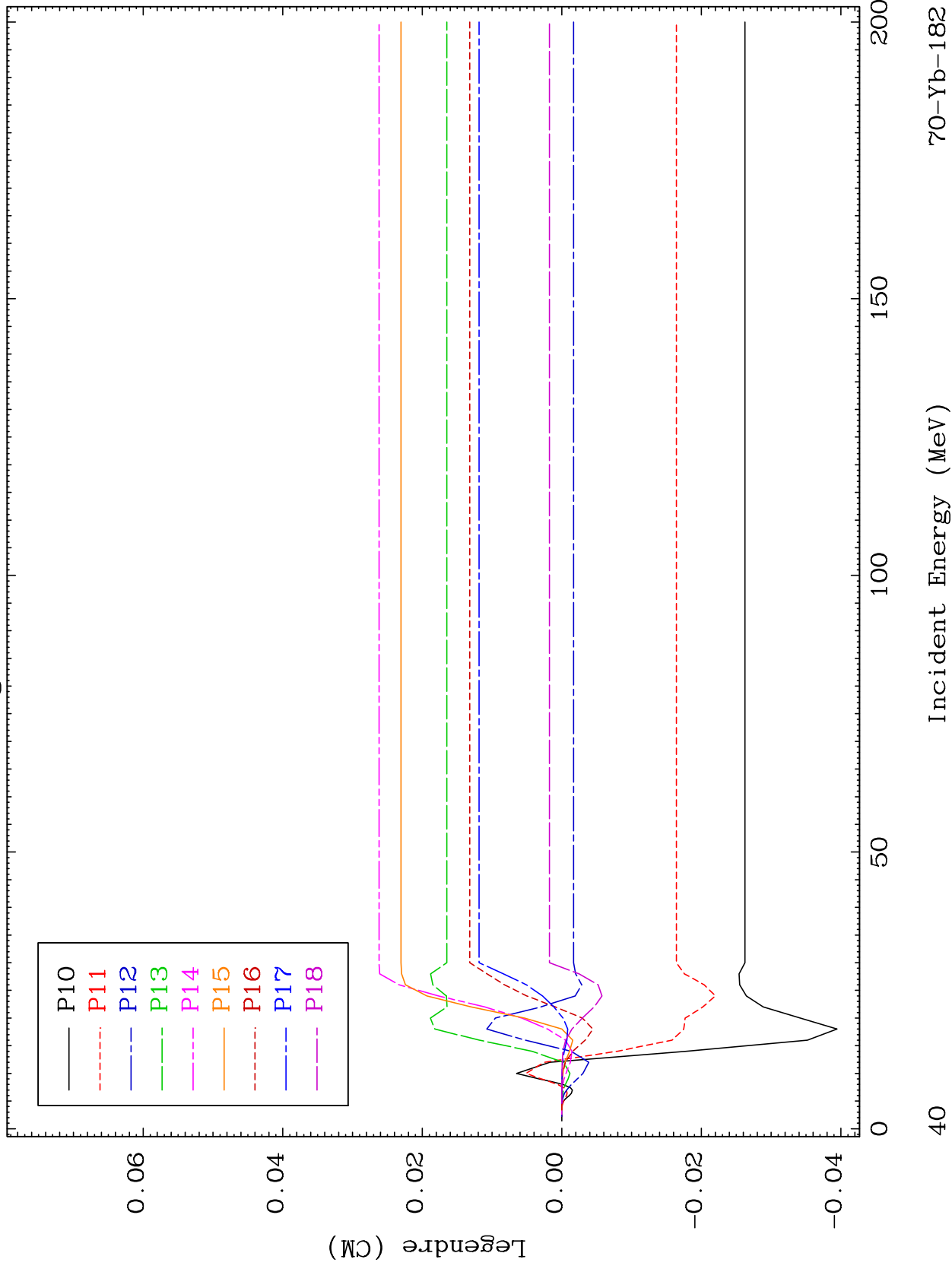
Incident Energy (MeV)

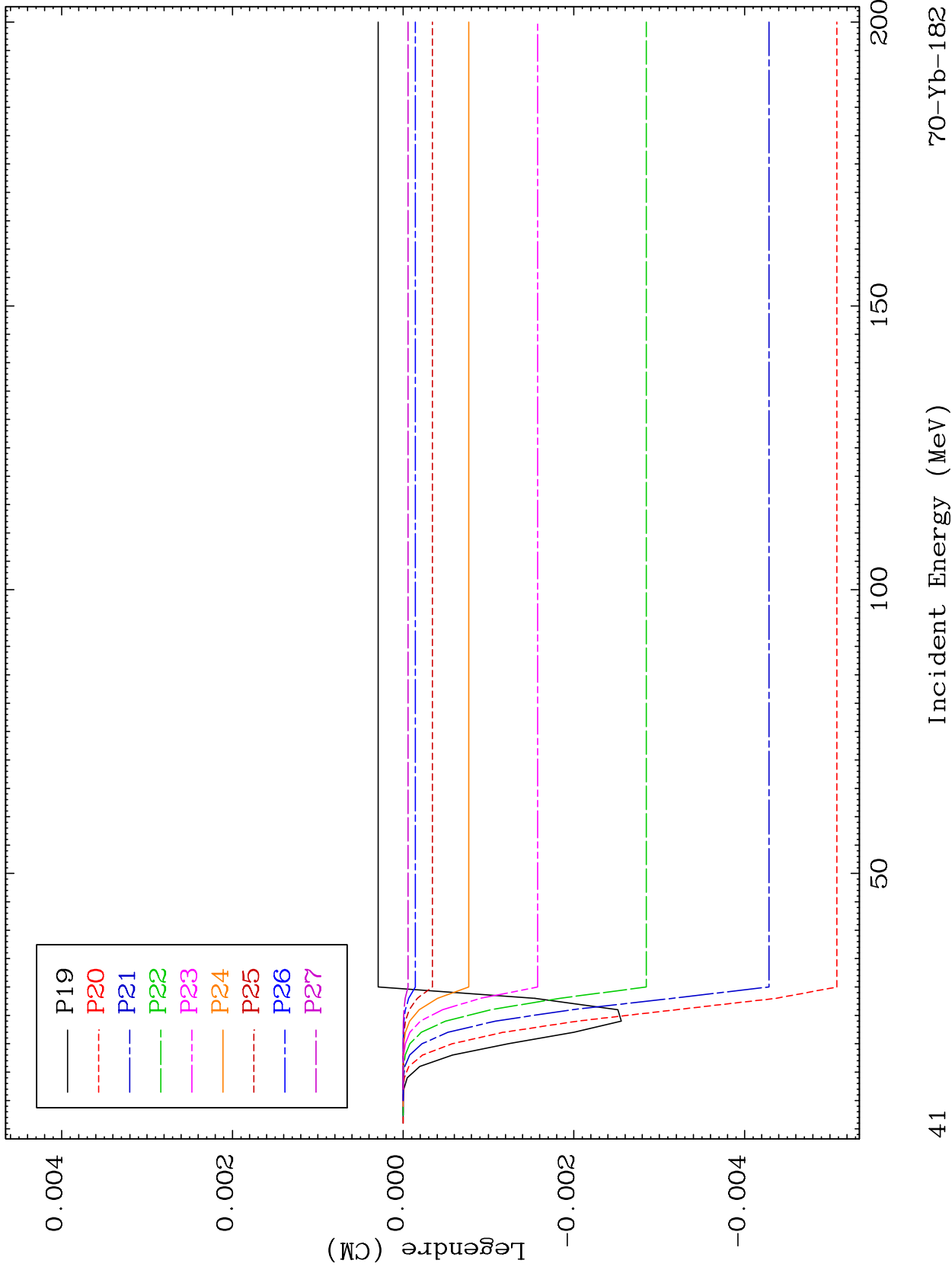
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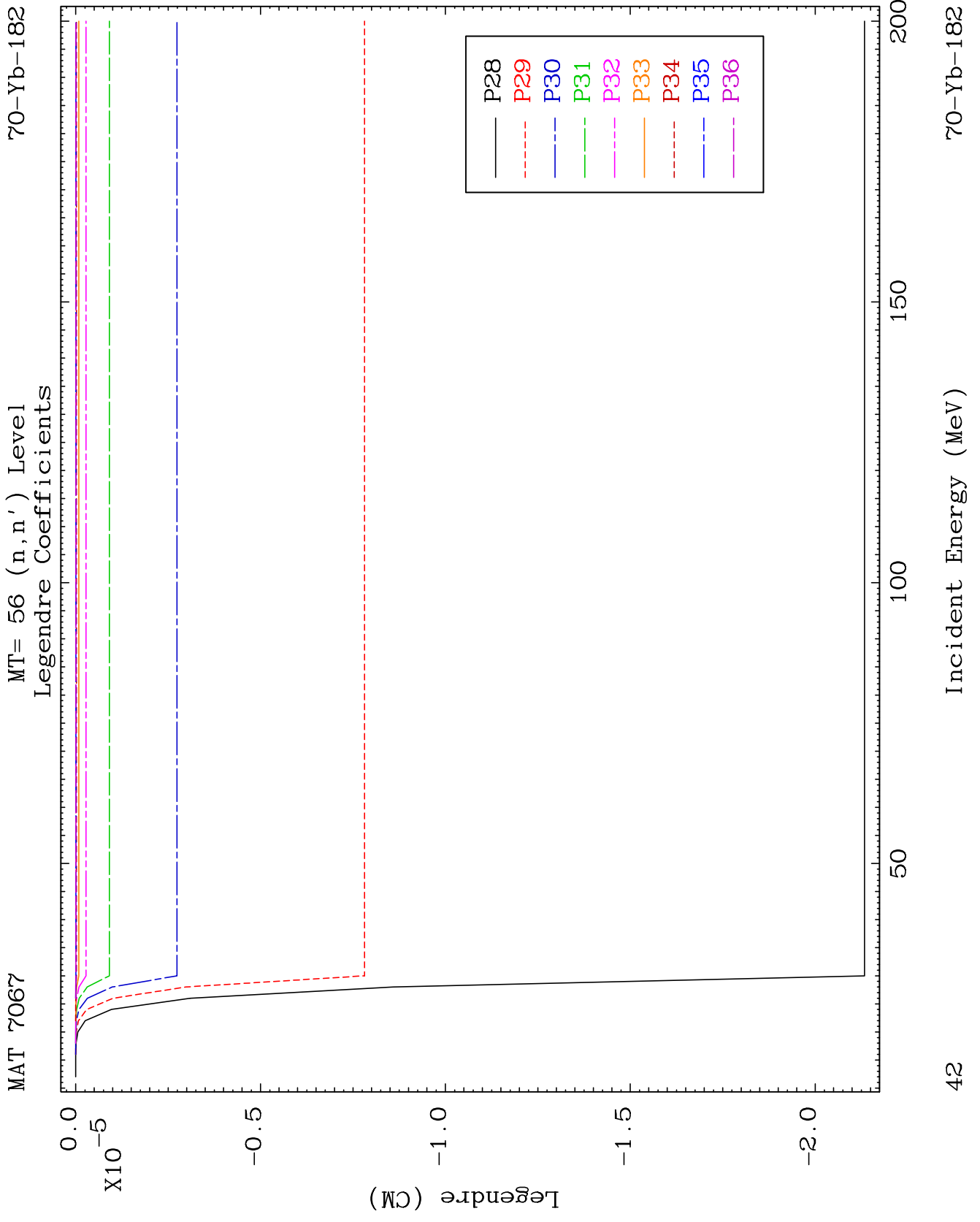
MAT 7067

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

70-Yb-182



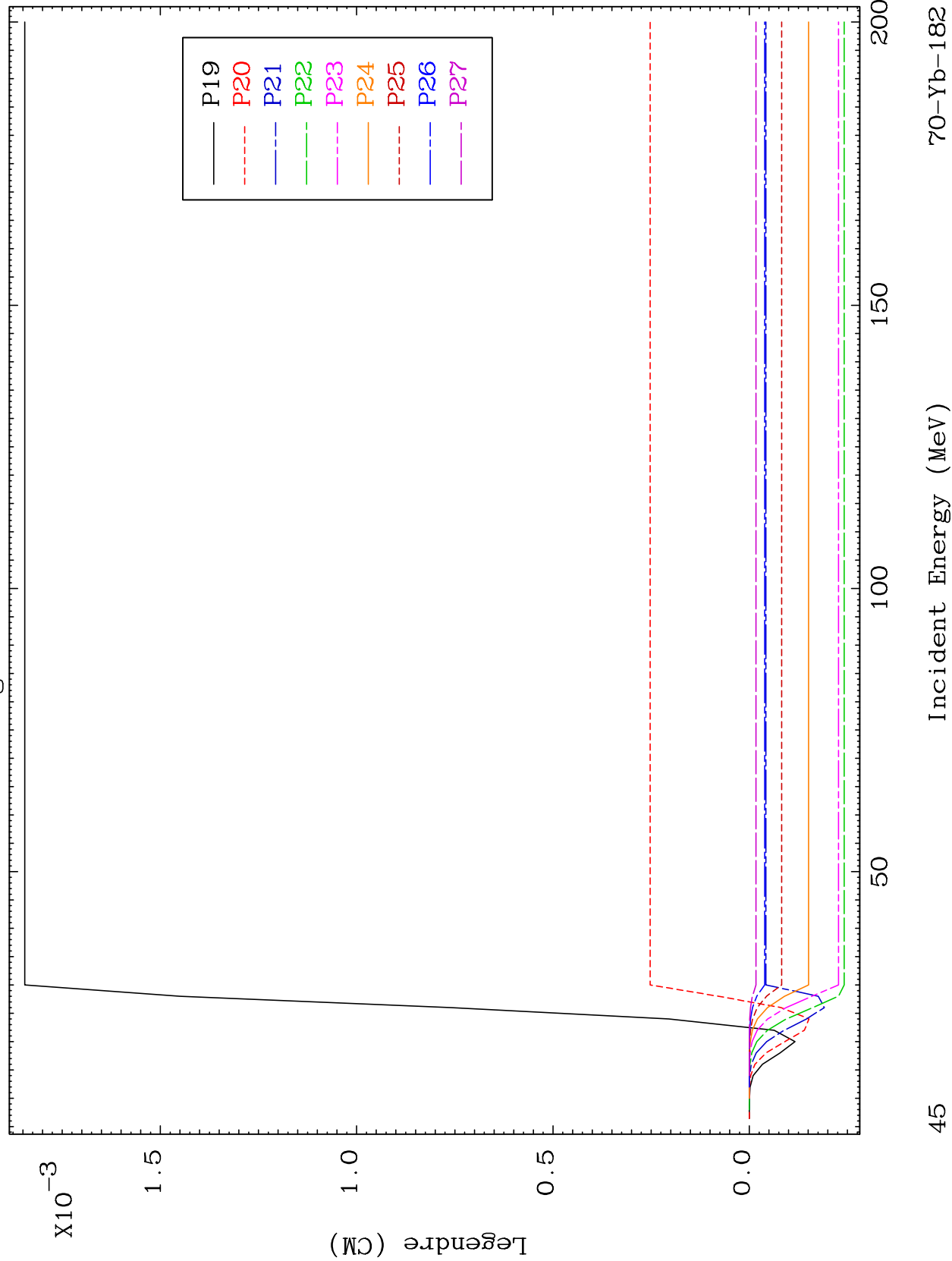




MAT 7067

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

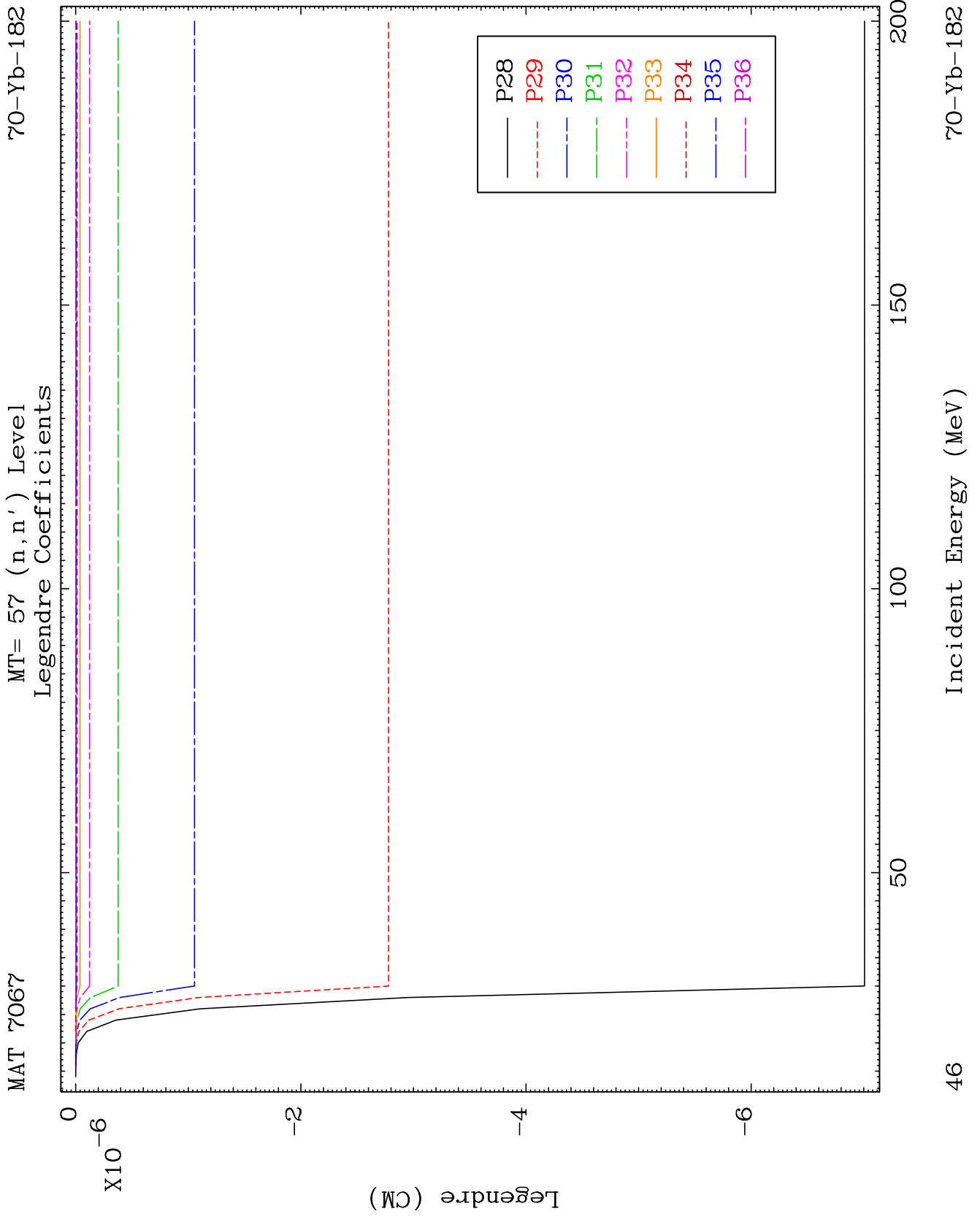
70-Yb-182



45

Incident Energy (MeV)

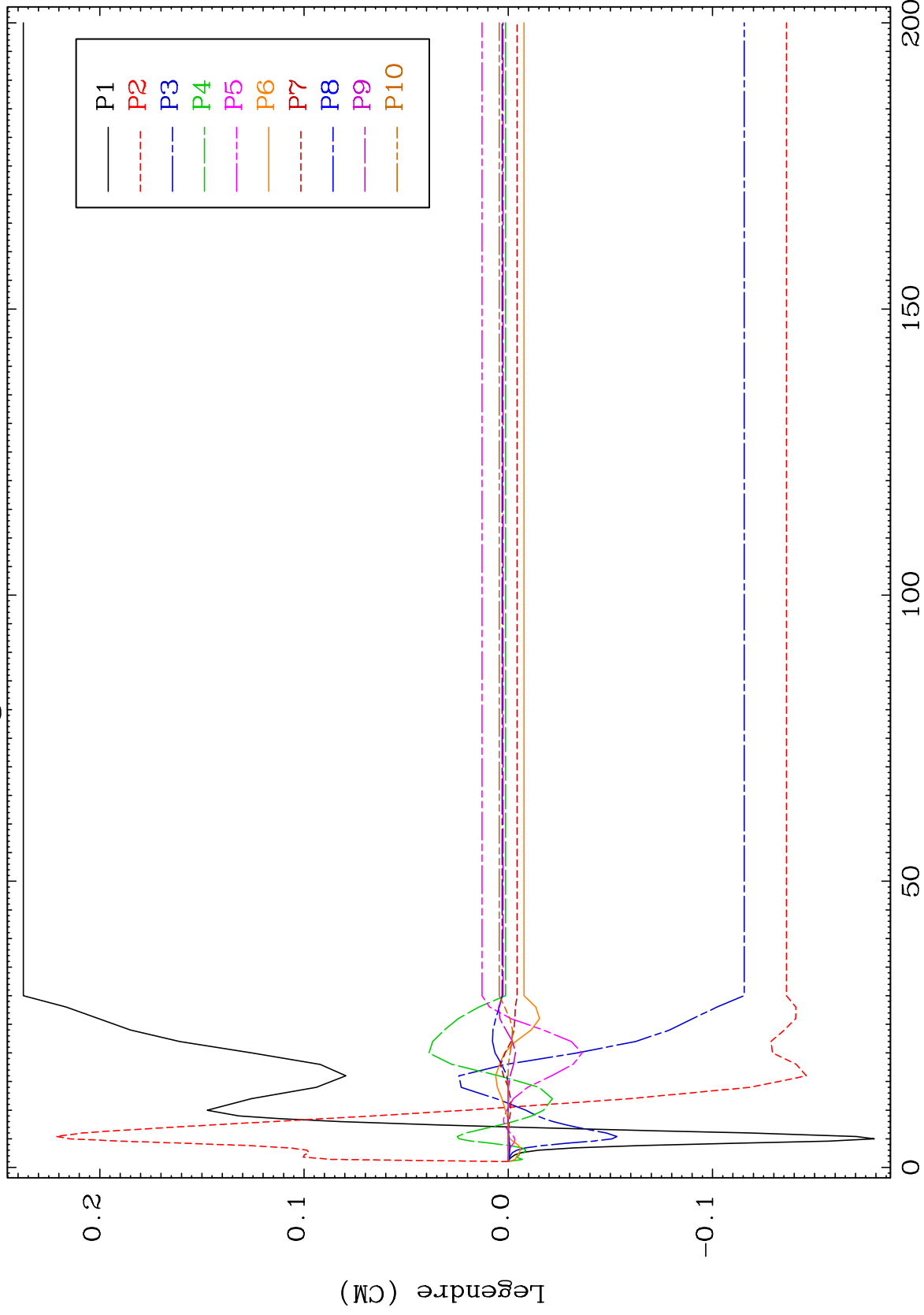
70-Yb-182



MAT 7067

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

70-Yb-182



47

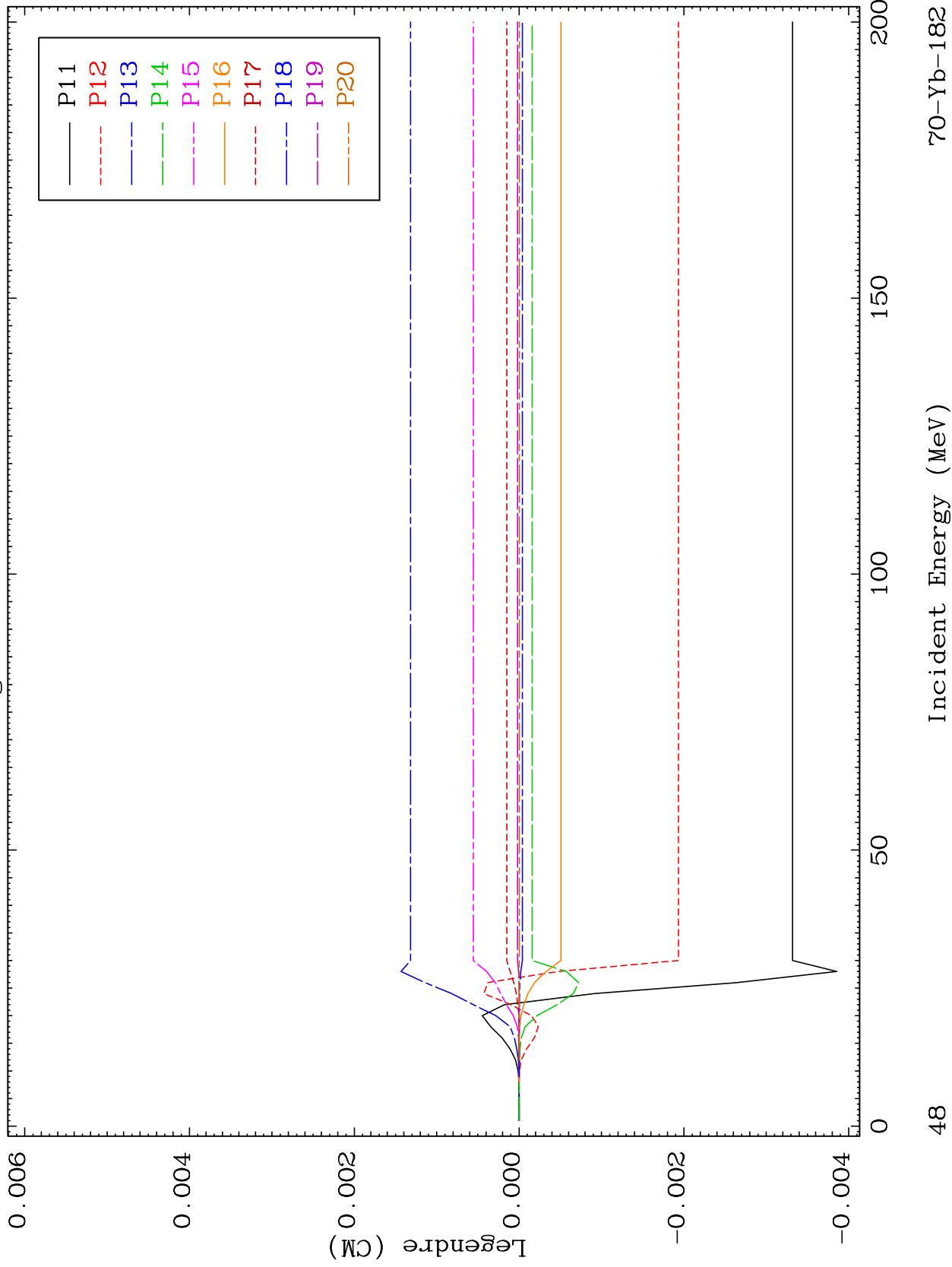
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

70-Yb-182



48

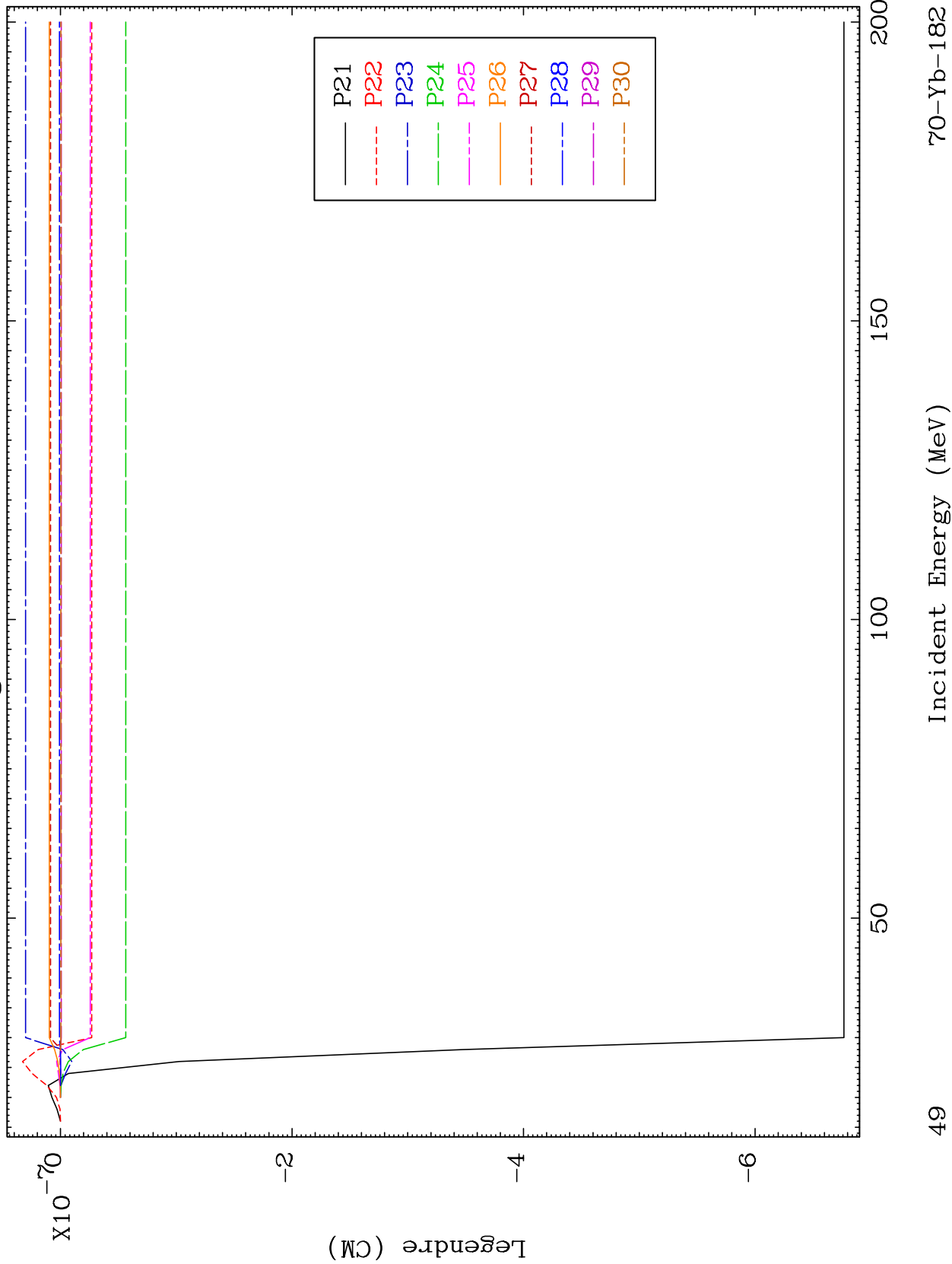
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

70-Yb-182



49

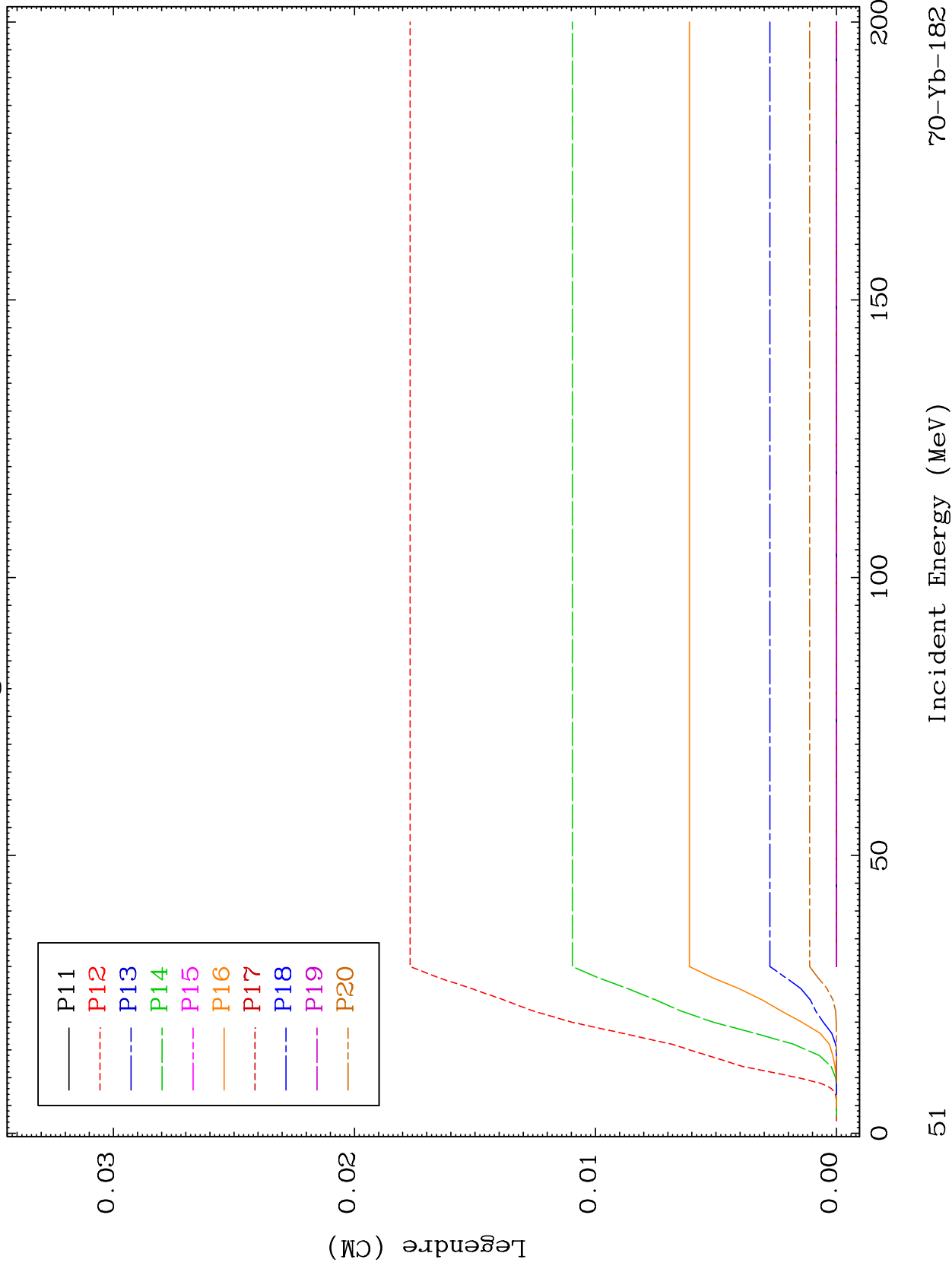
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

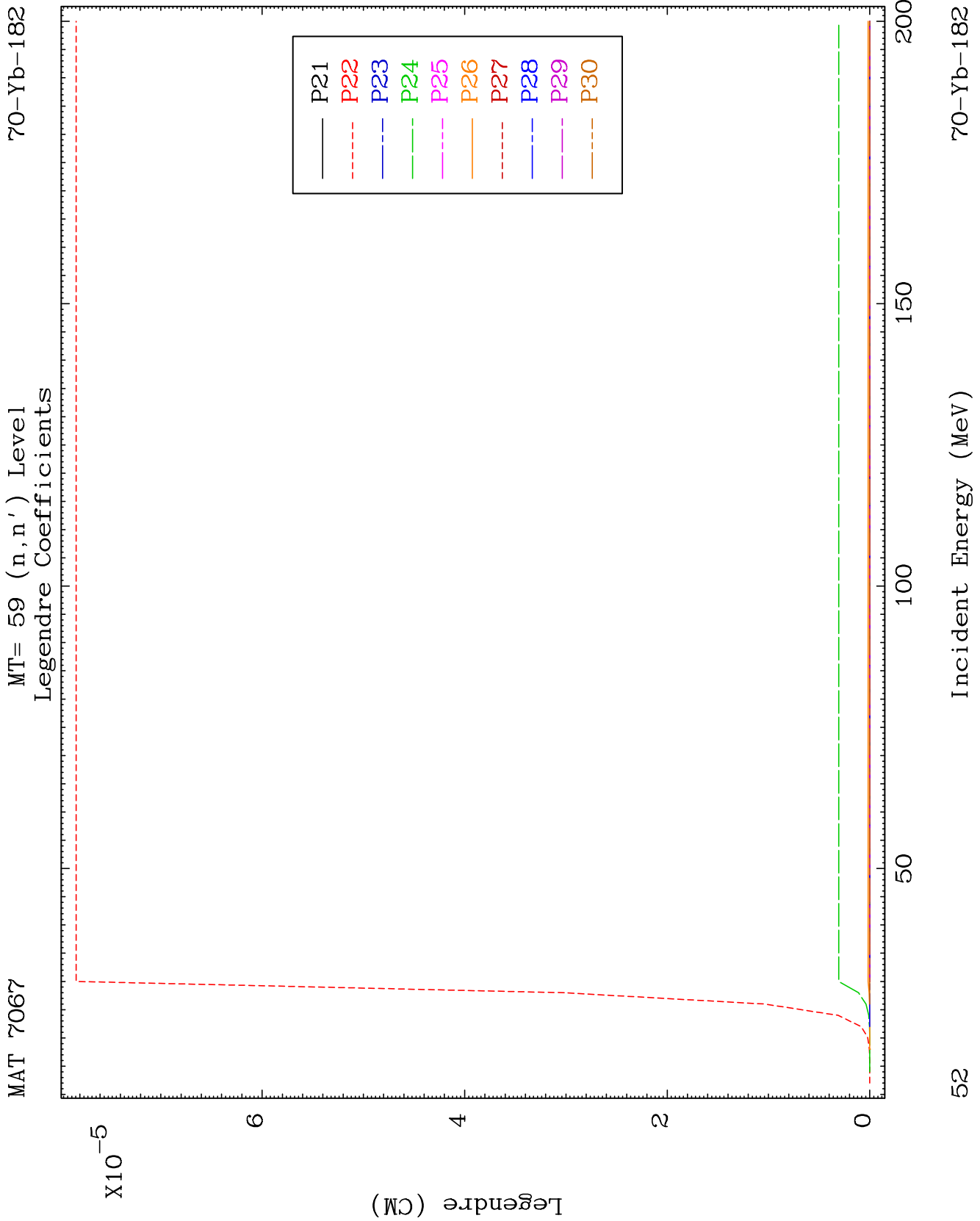
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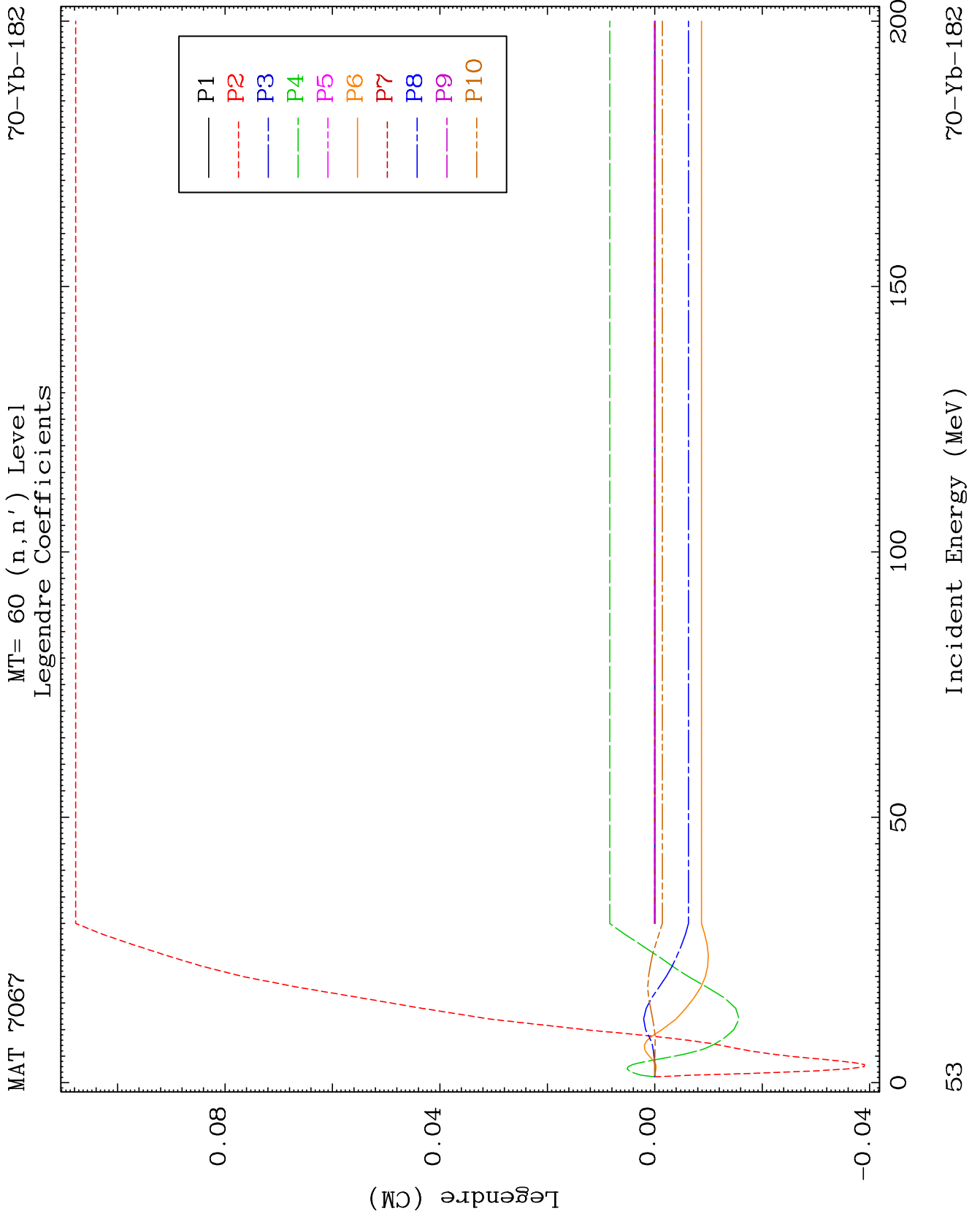


51

Incident Energy (MeV)

70-Yb-182

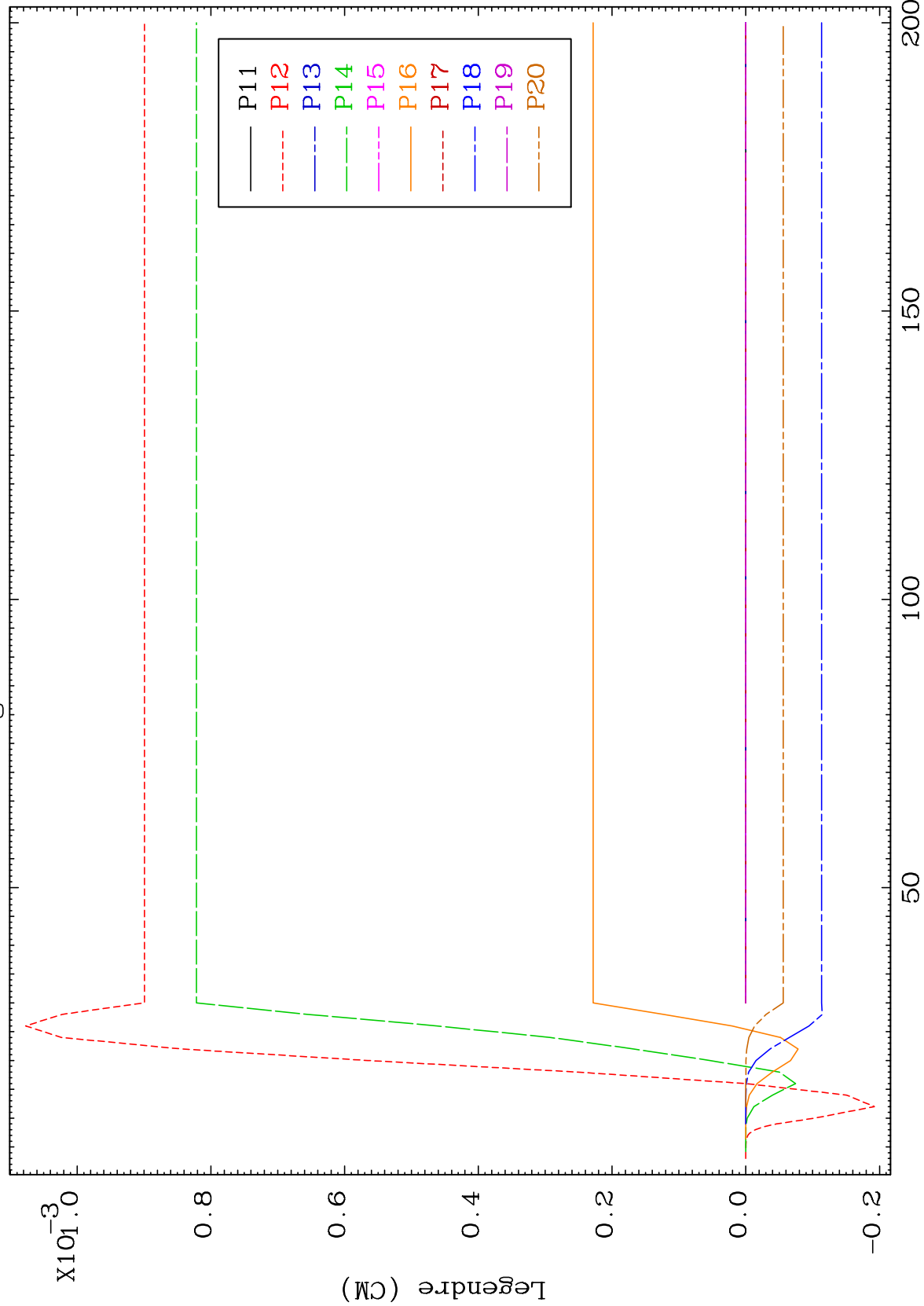




MAT 7067

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

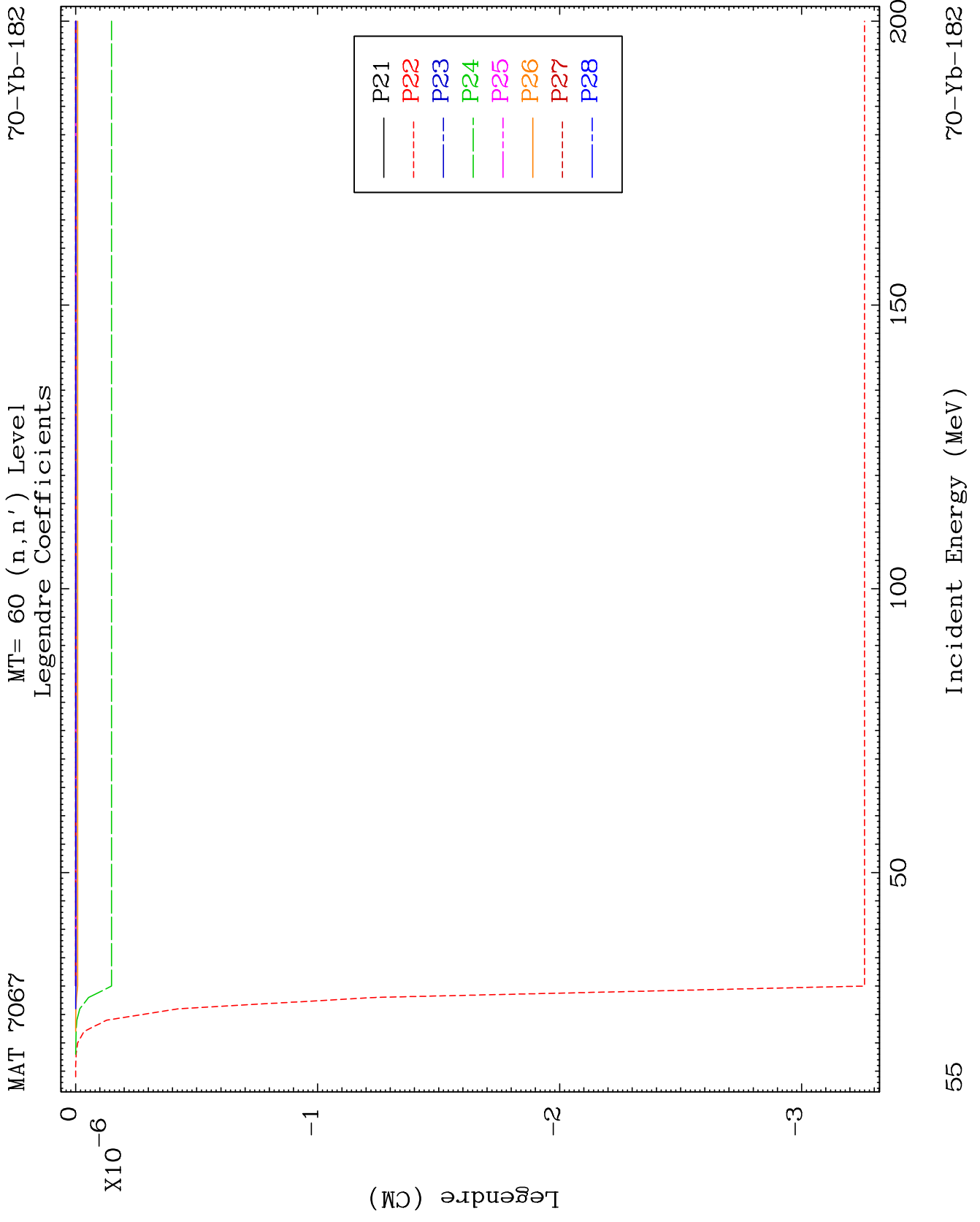
70-Yb-182



54

Incident Energy (MeV)

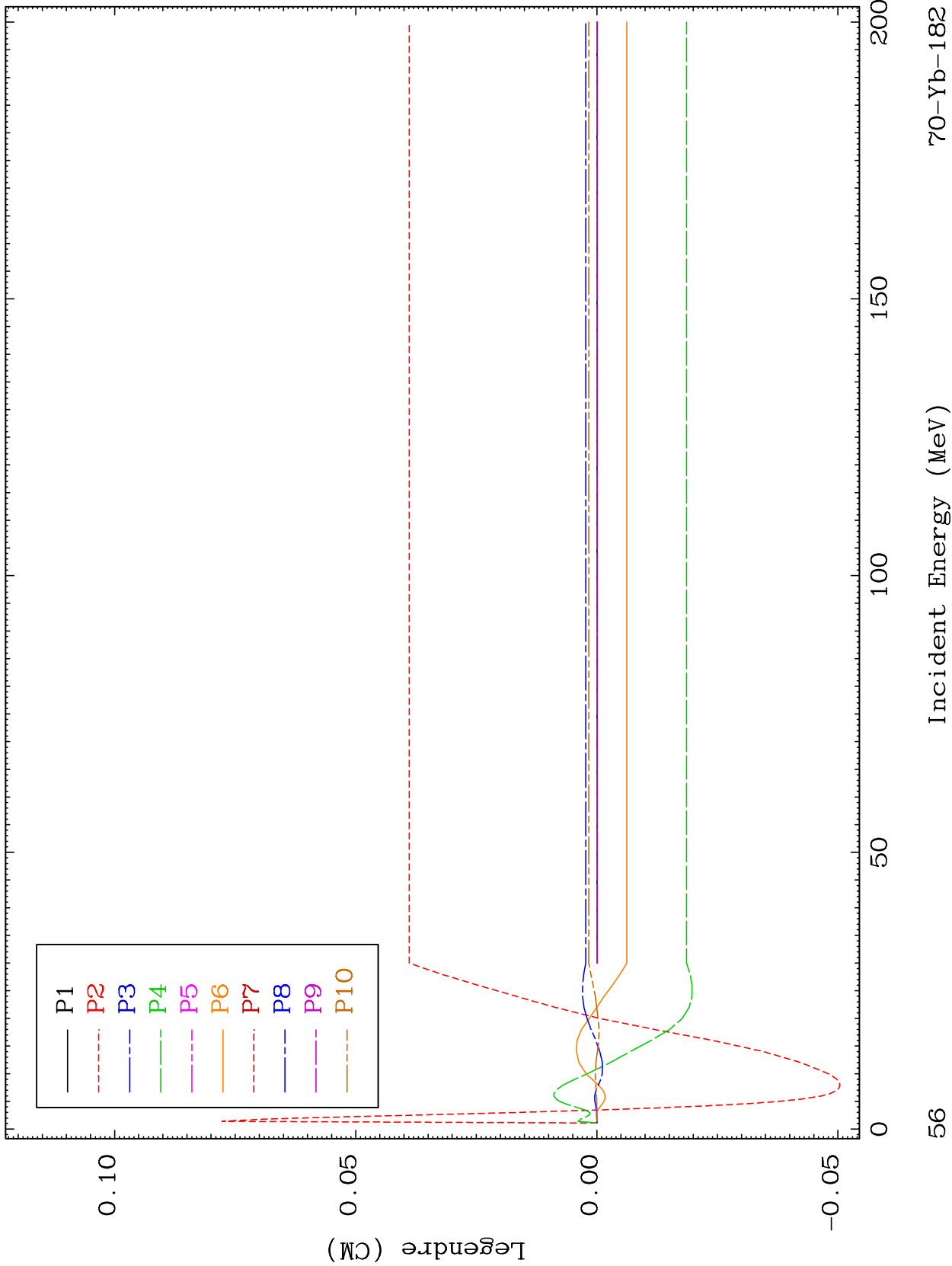
70-Yb-182



MAT 7067

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

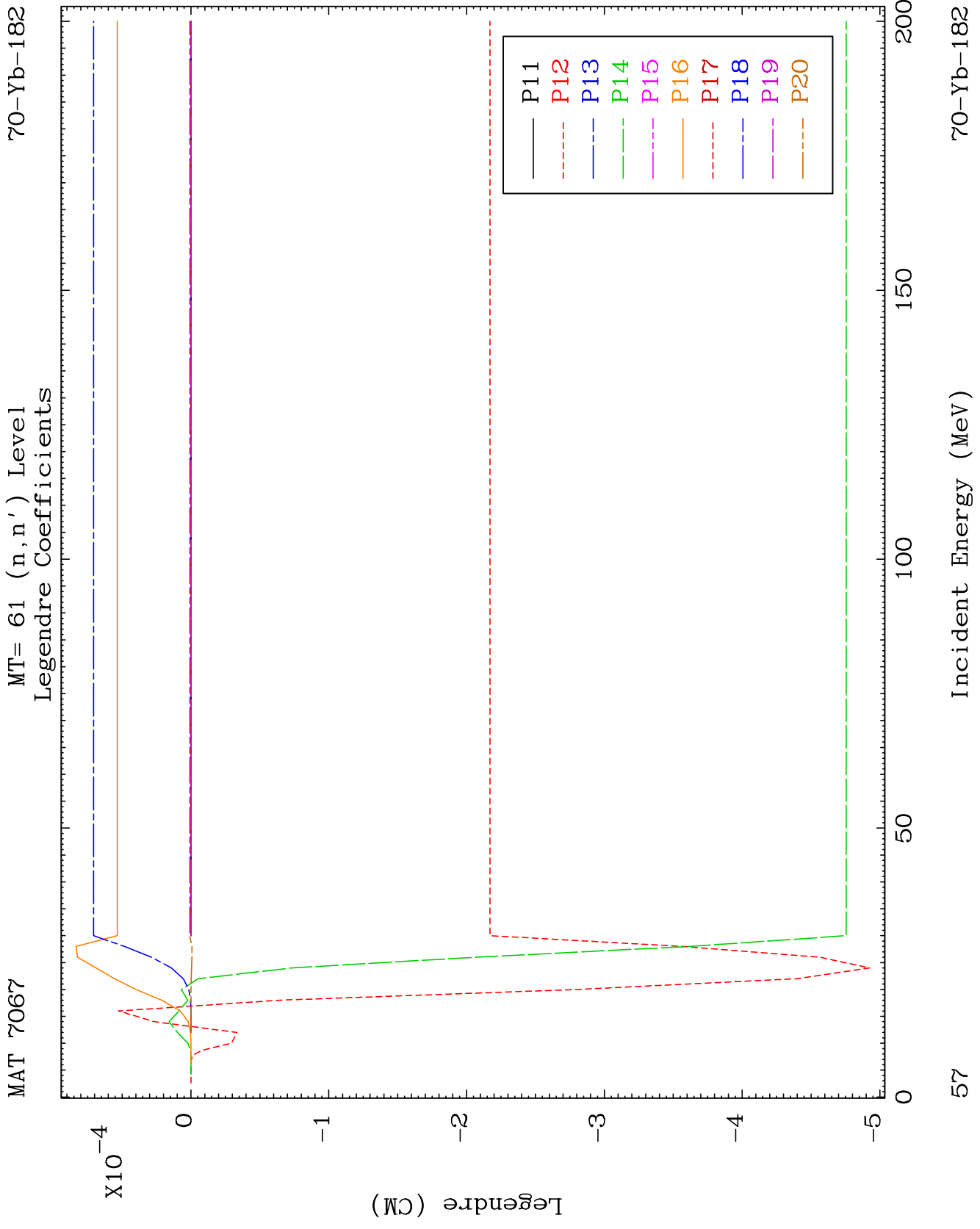
70-Yb-182

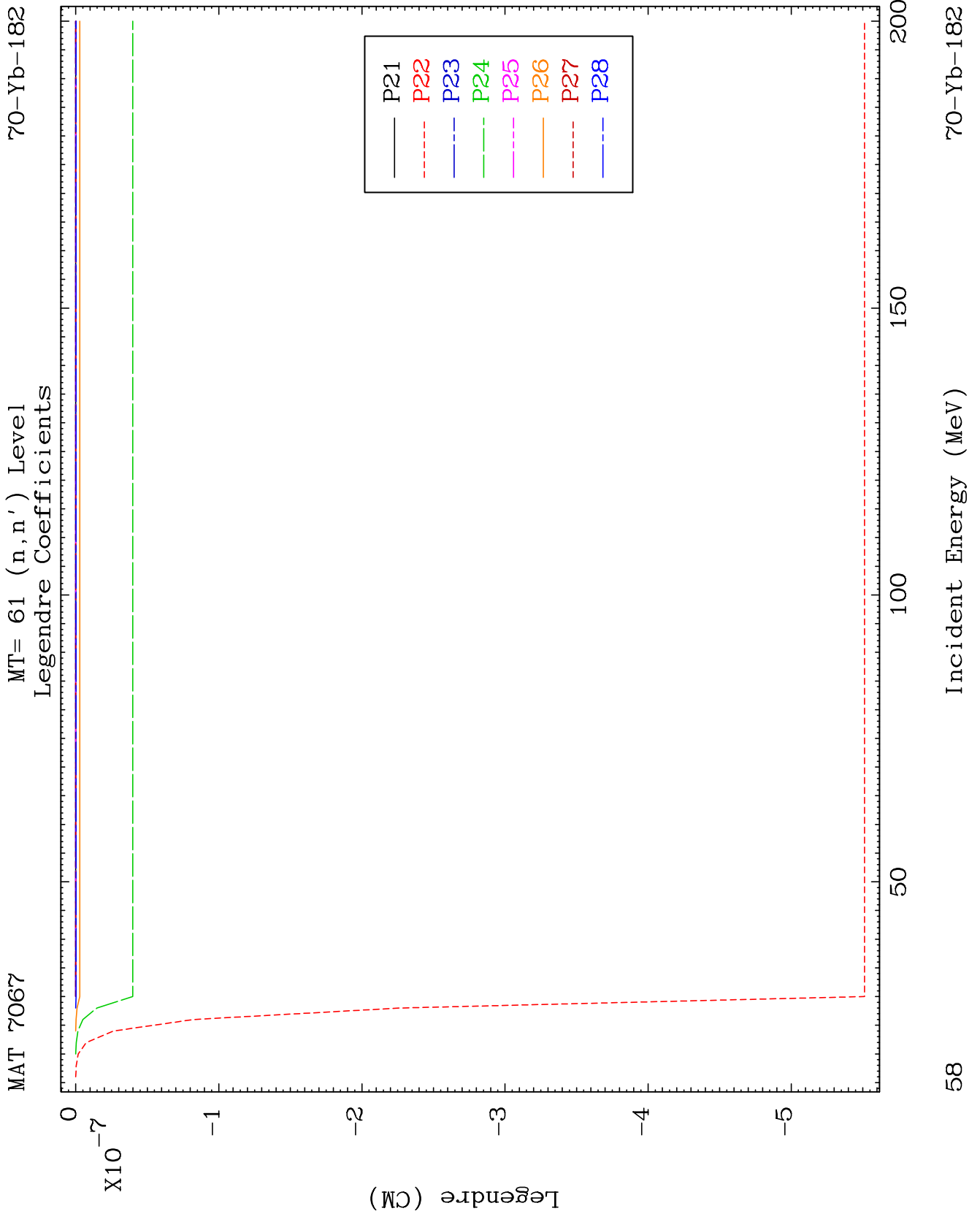


56

Incident Energy (MeV)

70-Yb-182

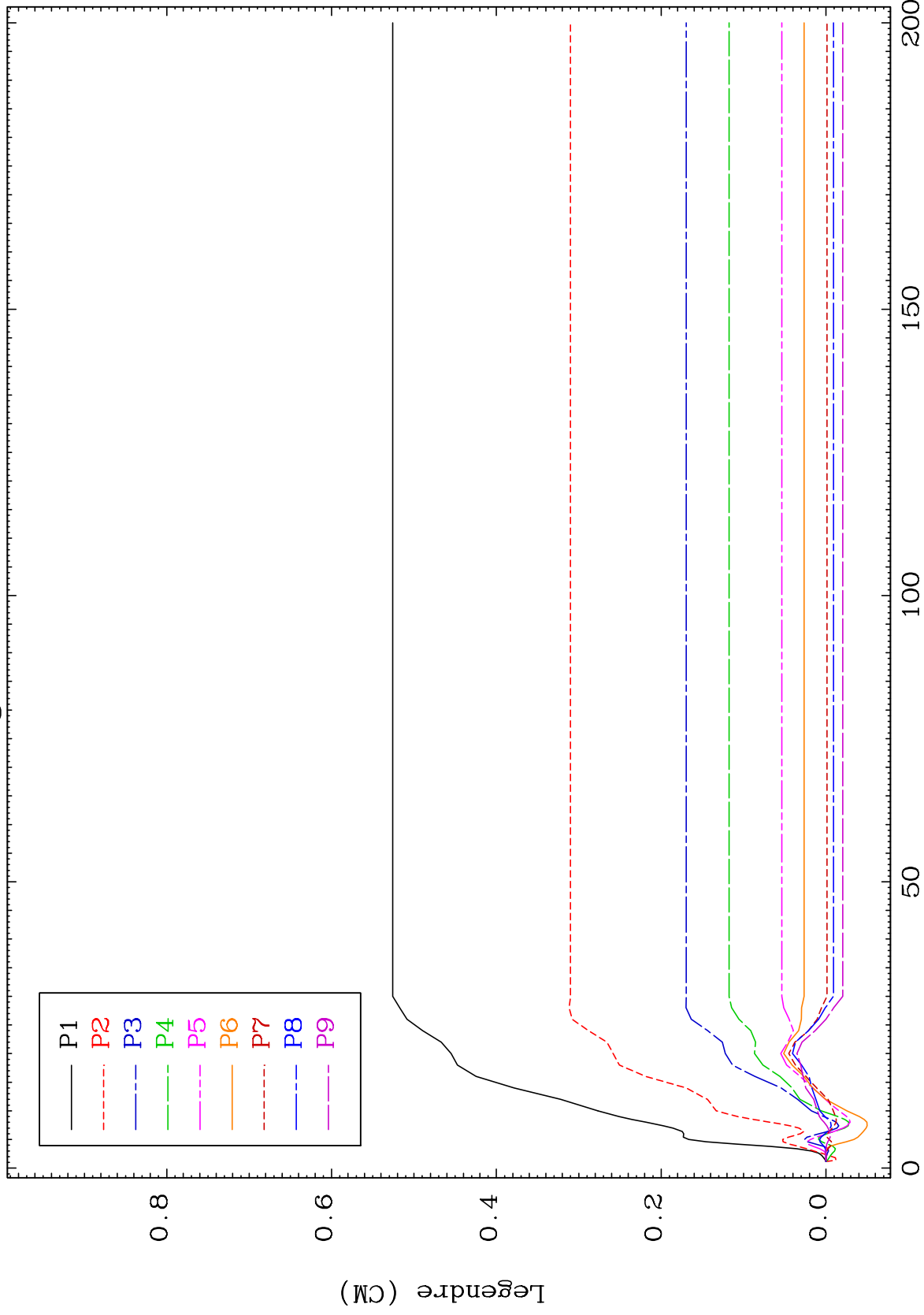




MAT 7067

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

70-Yb-182



Incident Energy (MeV)

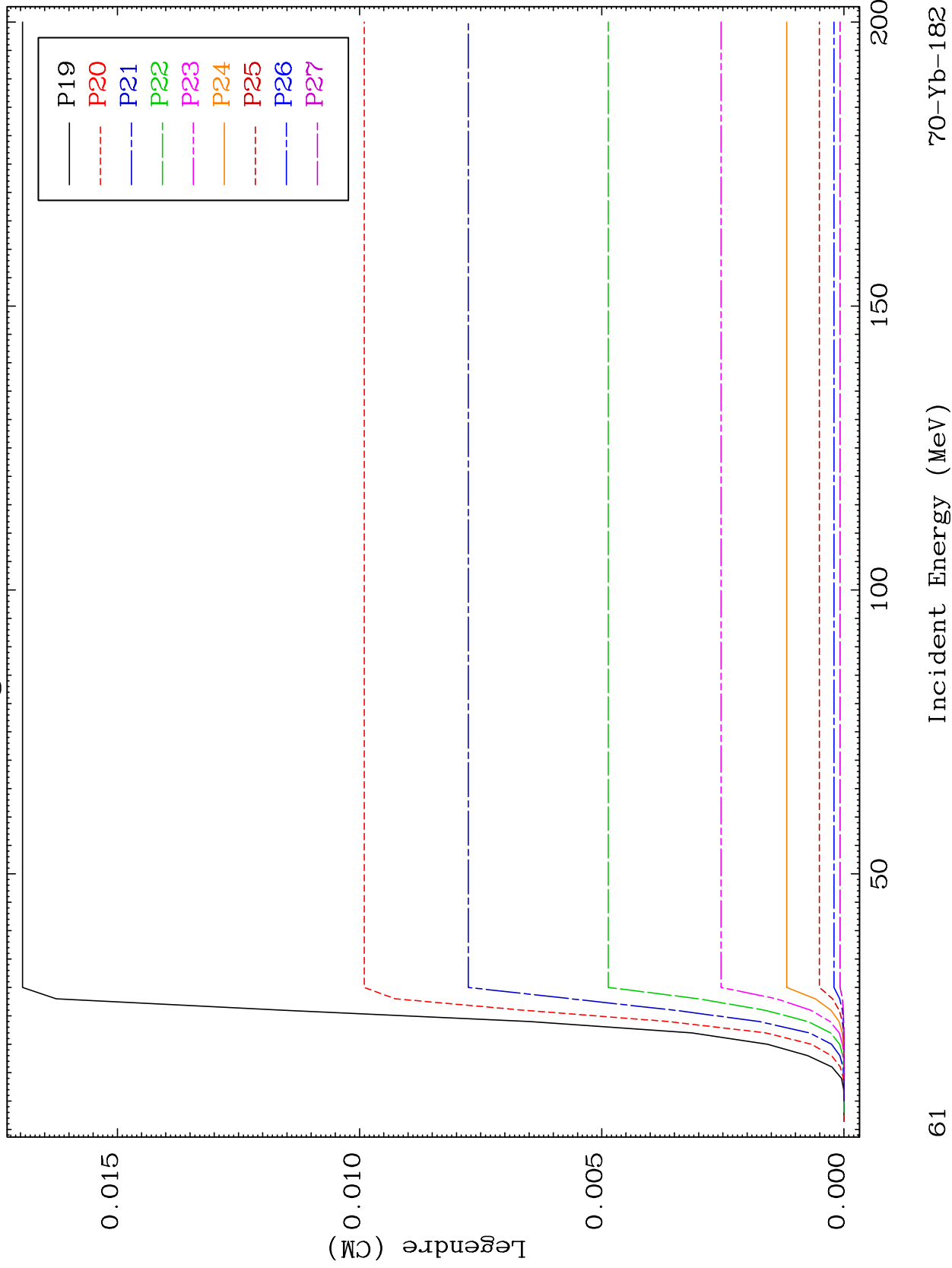
70-Yb-182

59

MAT 7067

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

70-Yb-182



61

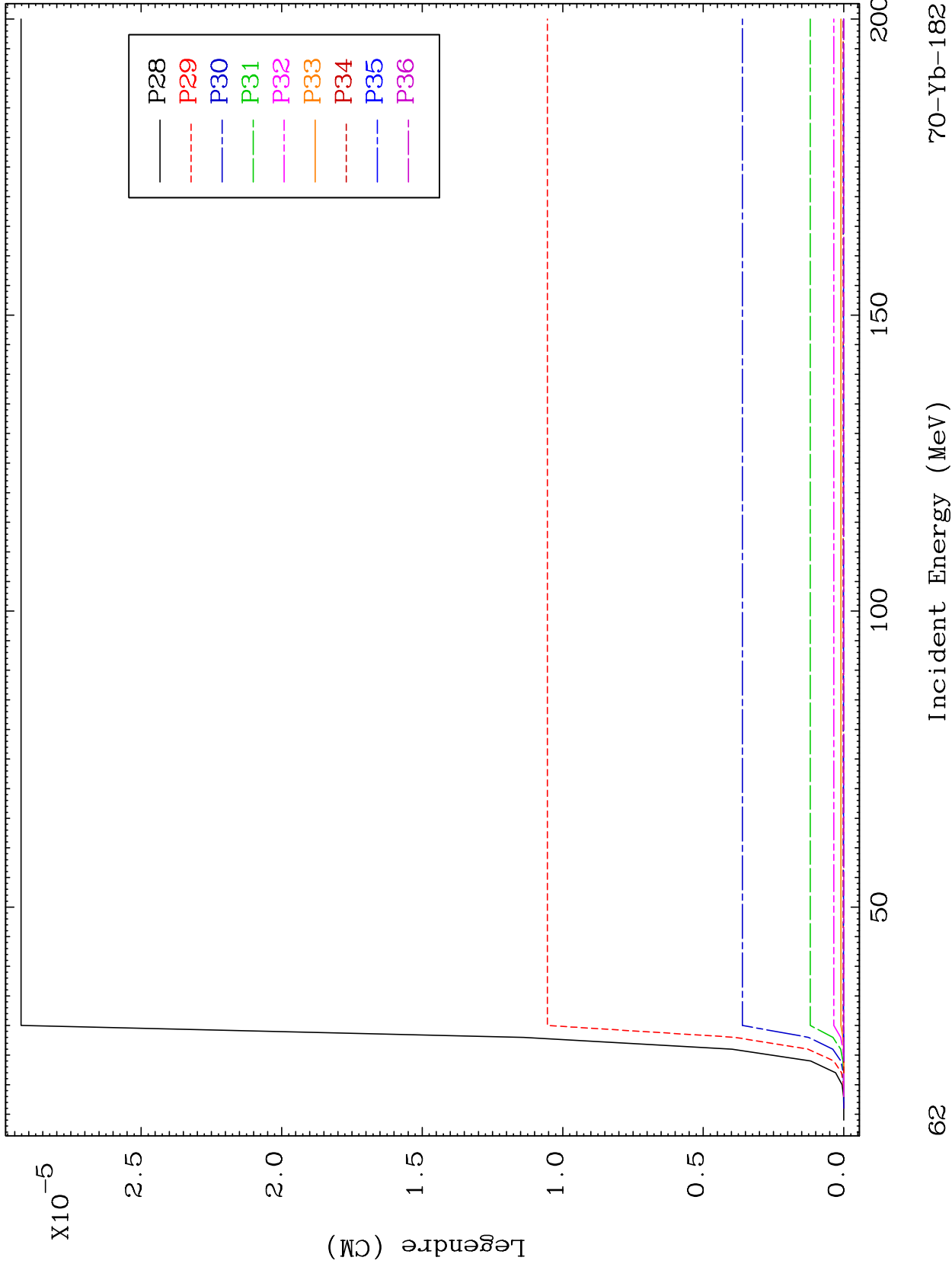
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

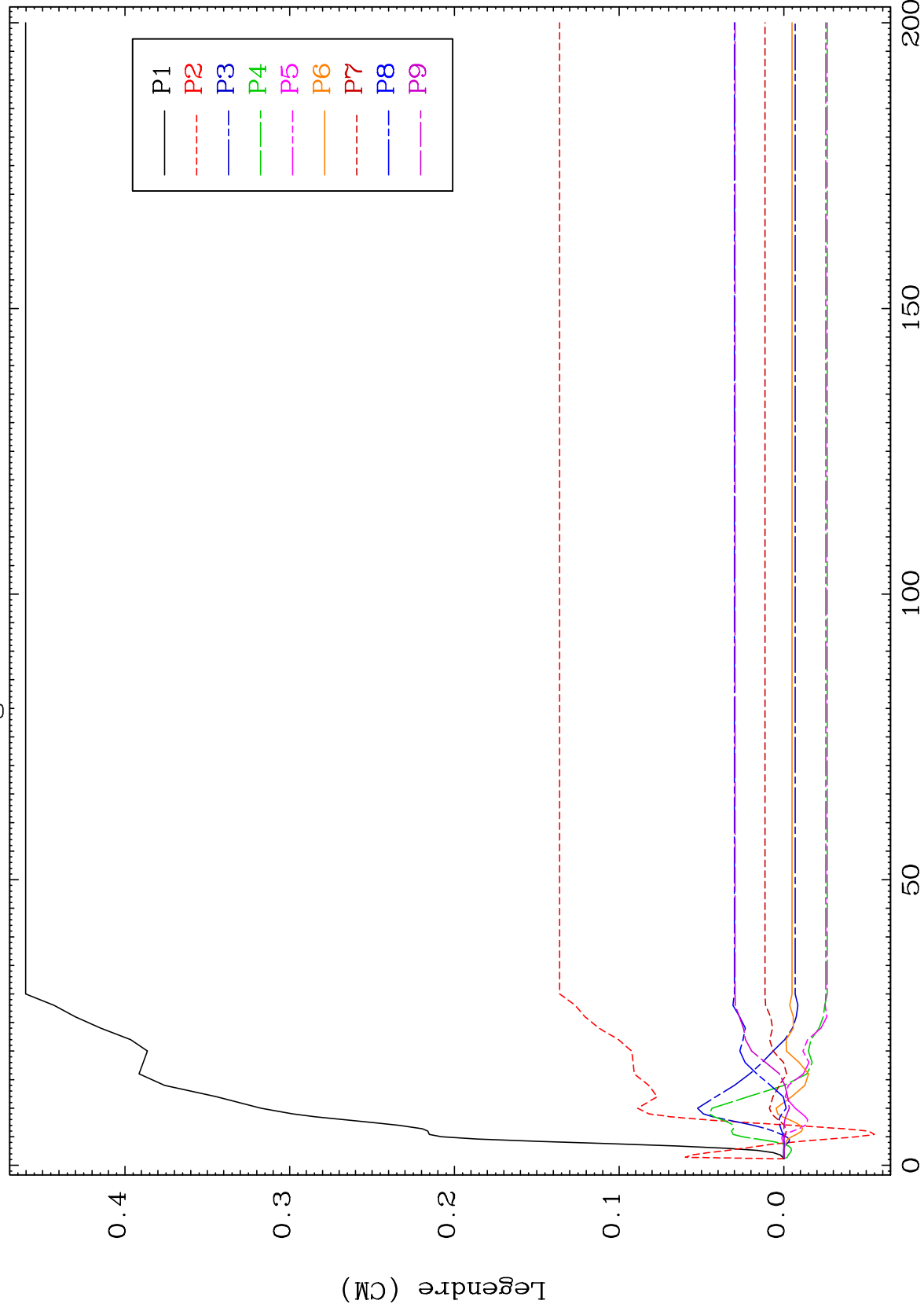
70-Yb-182



MAT 7067

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

70-Yb-182



70-Yb-182

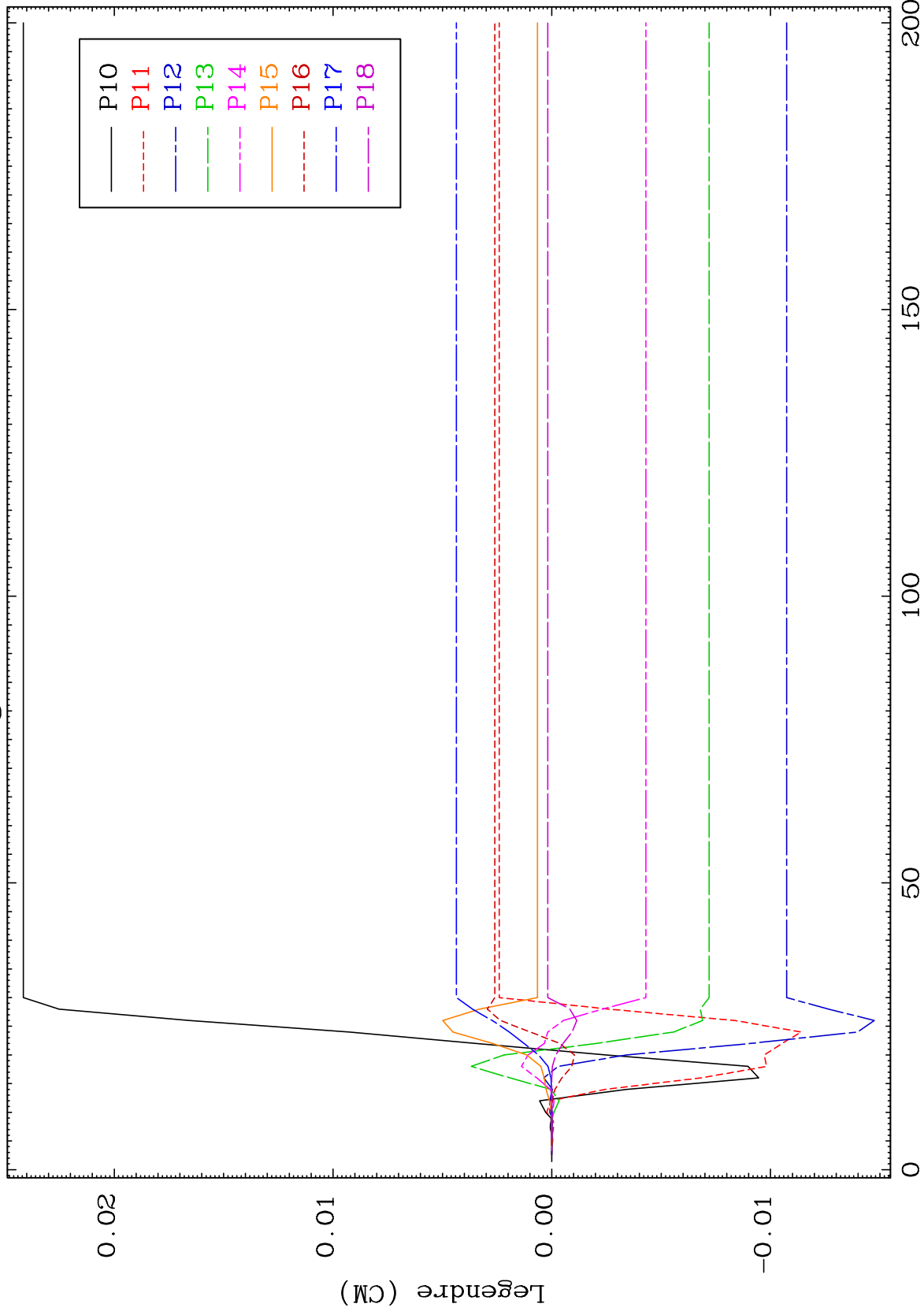
Incident Energy (MeV)

63

MAT 7067

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

70-Yb-182



64

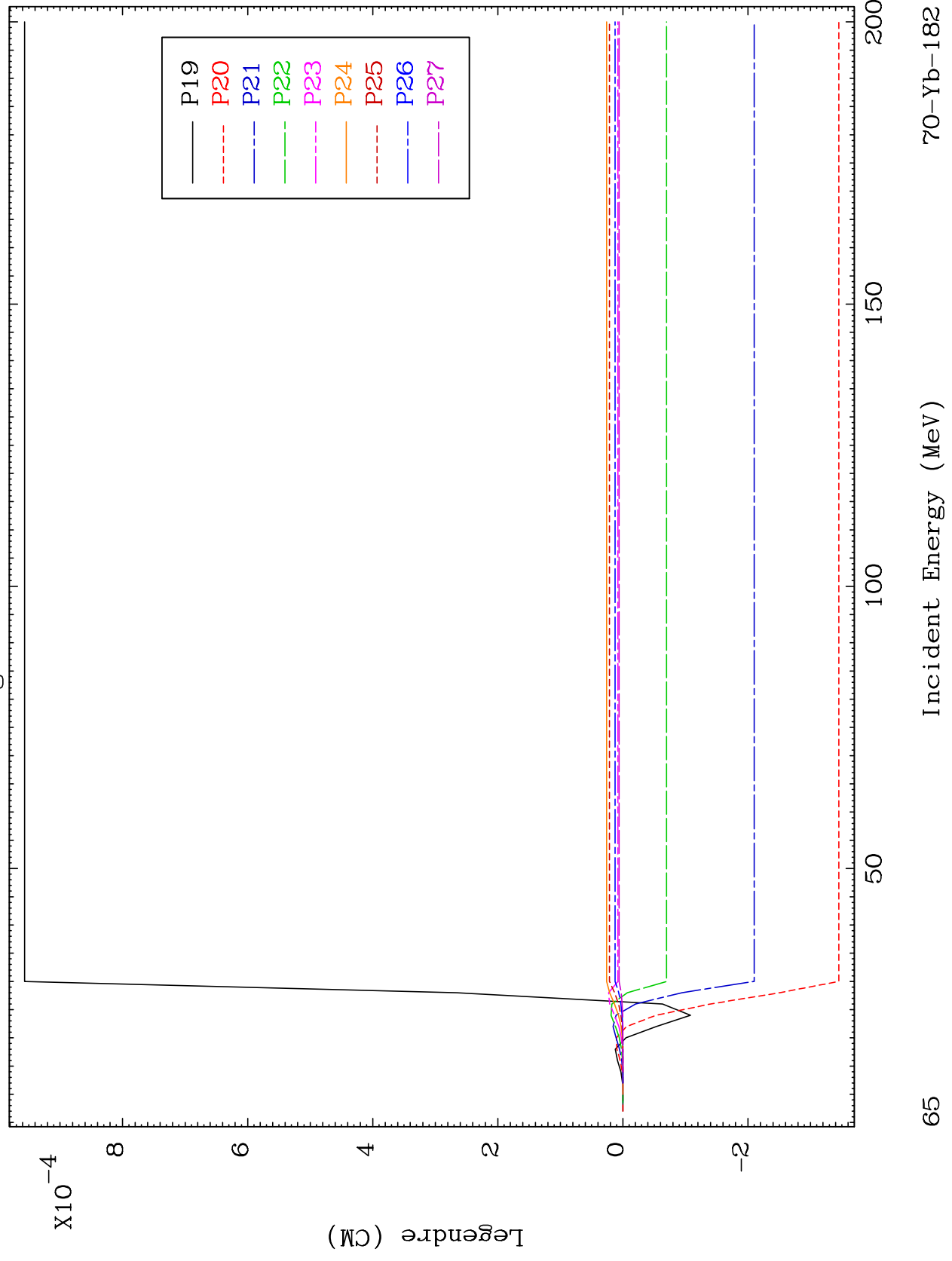
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

70-Yb-182



65

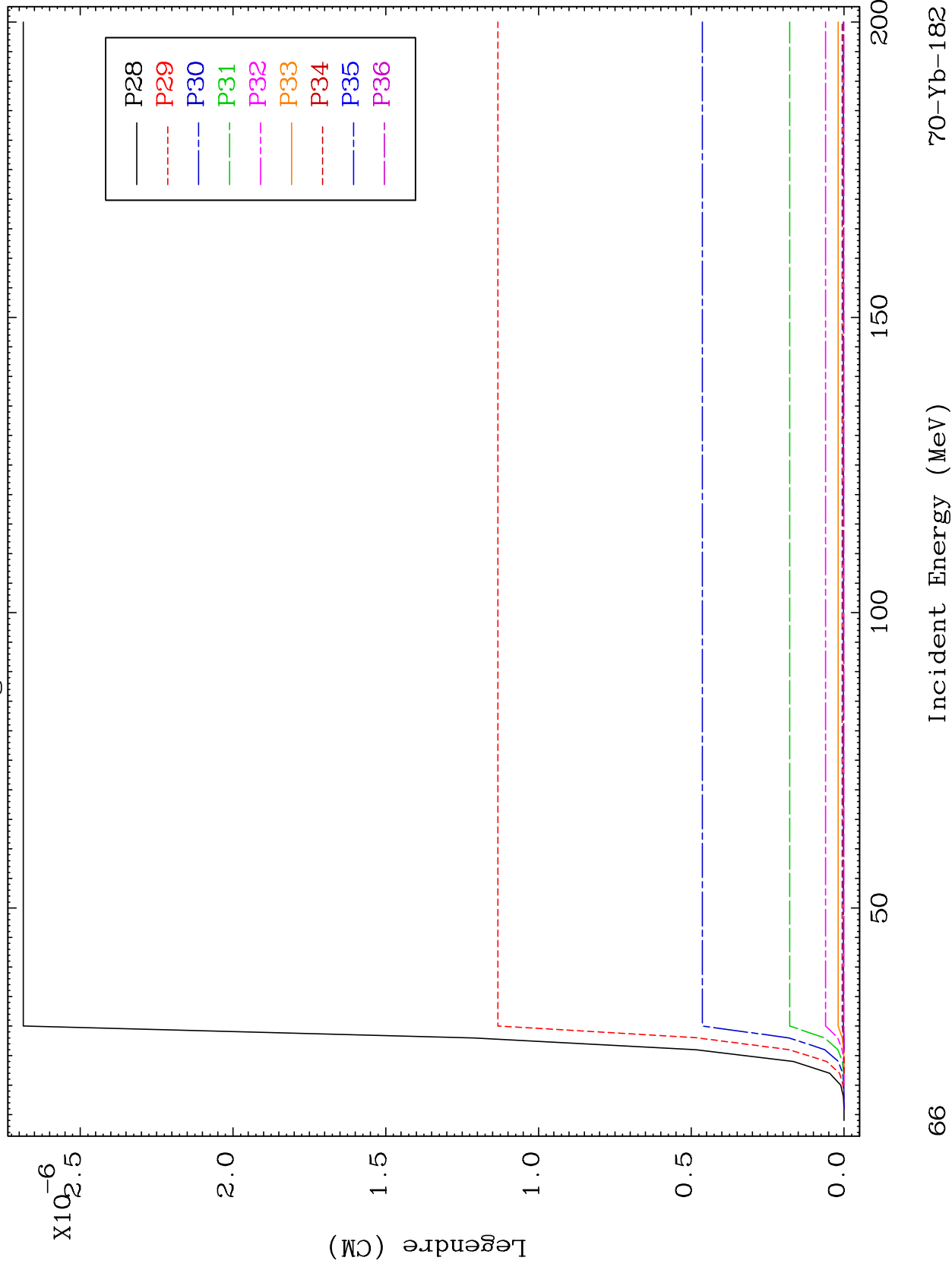
Incident Energy (MeV)

70-Yb-182

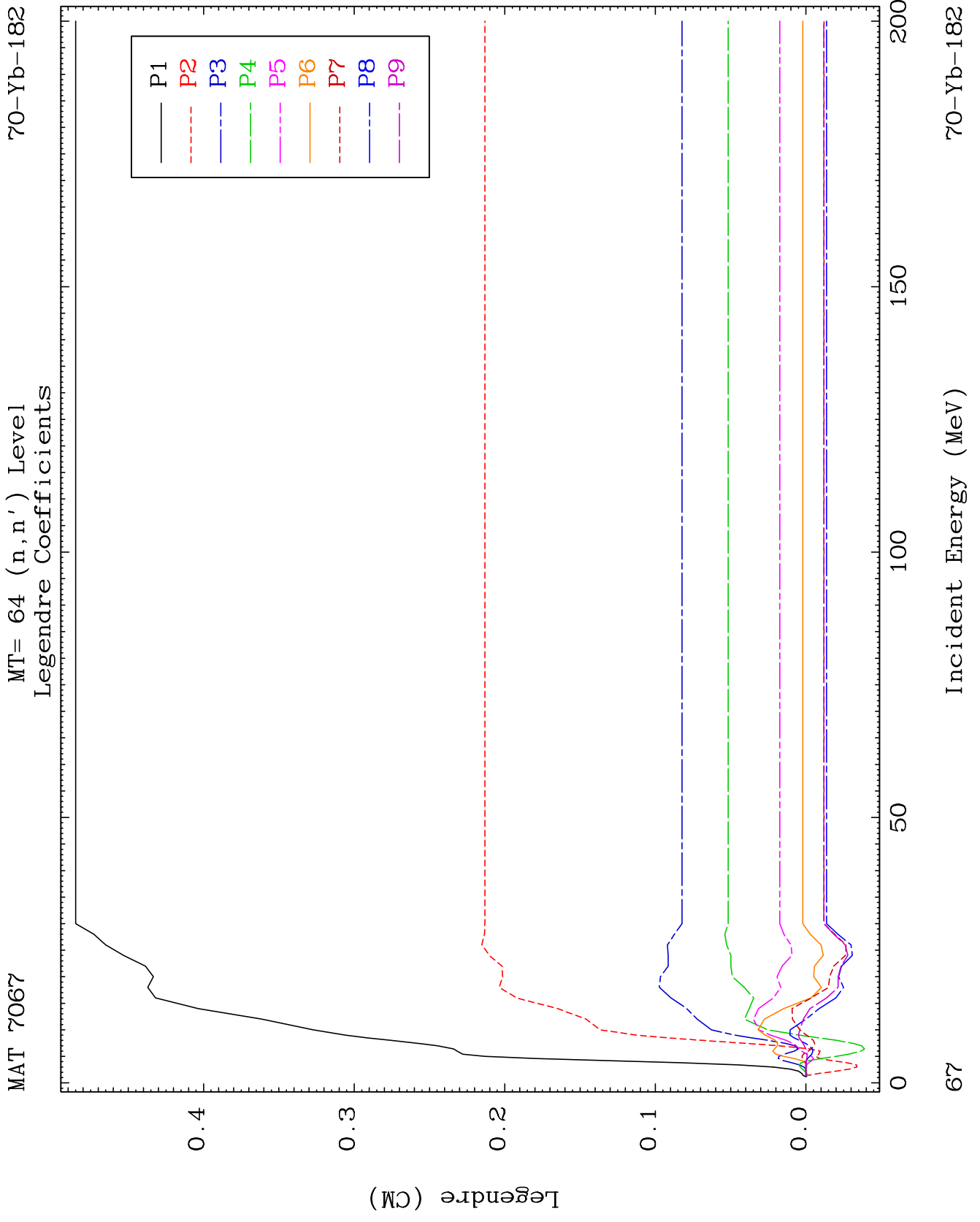
MAT 7067

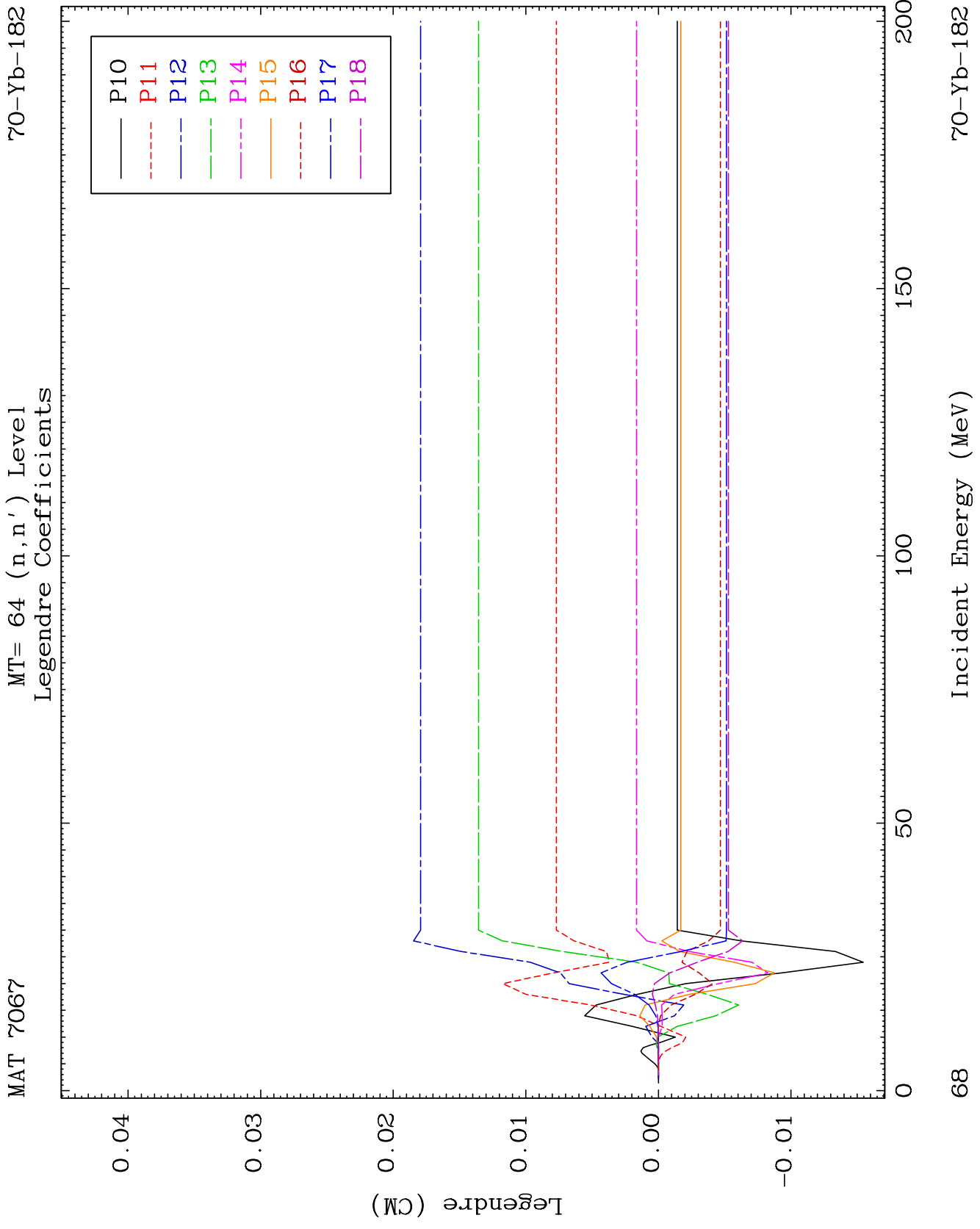
MT= 63 (n,n') Level
Legendre Coefficients

70-Yb-182



66

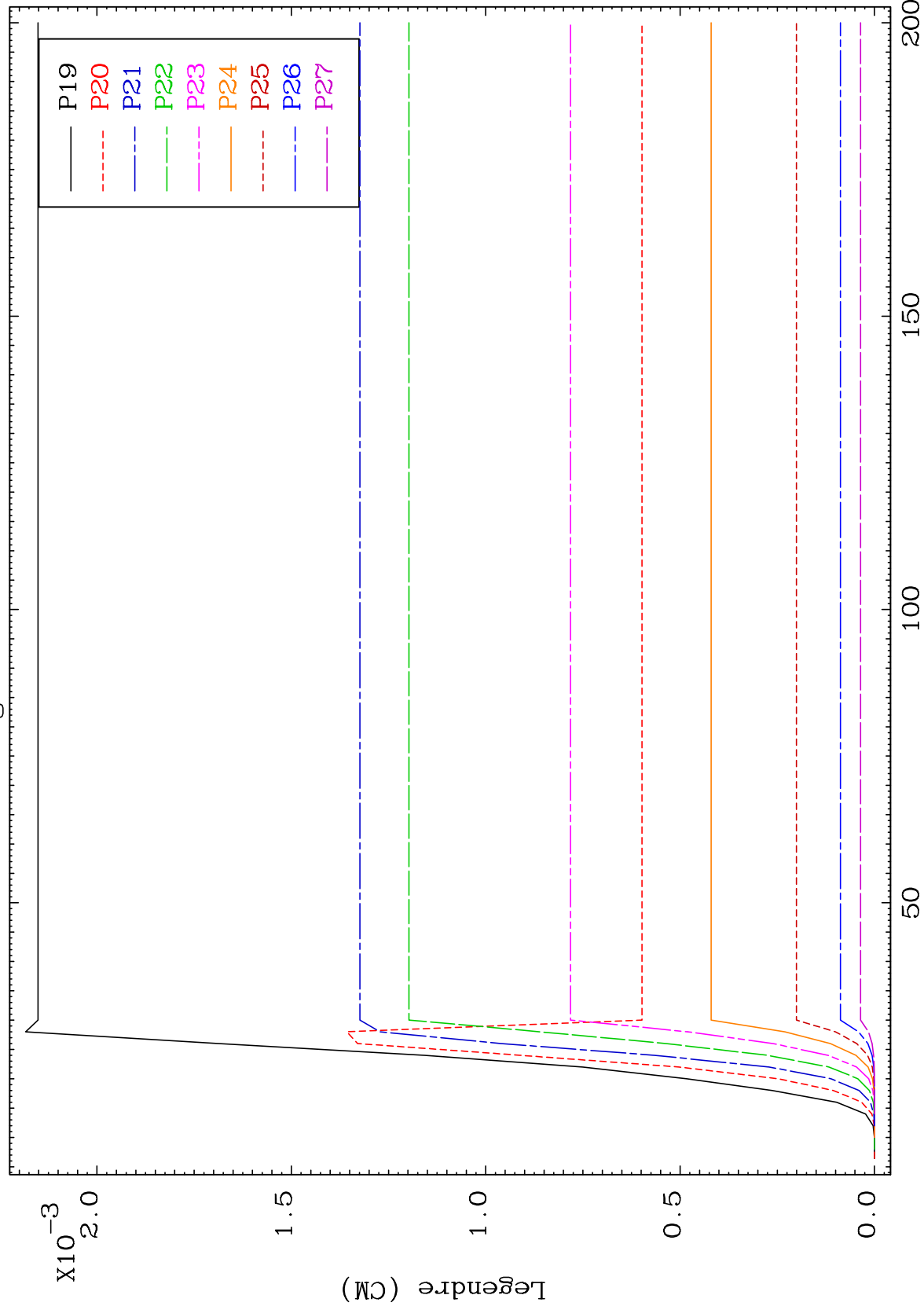




MAT 7067

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

70-Yb-182



69

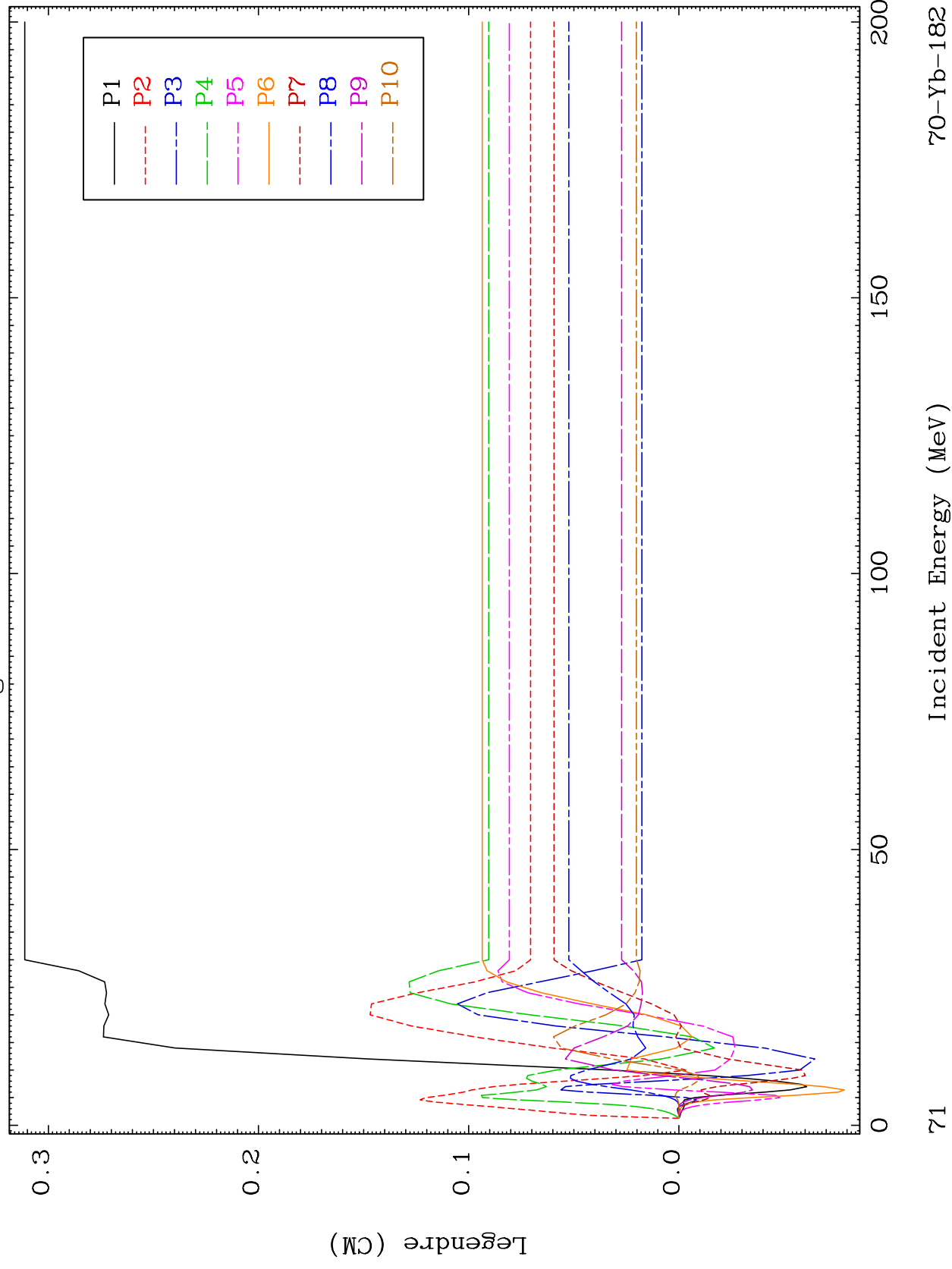
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

70-Yb-182



71

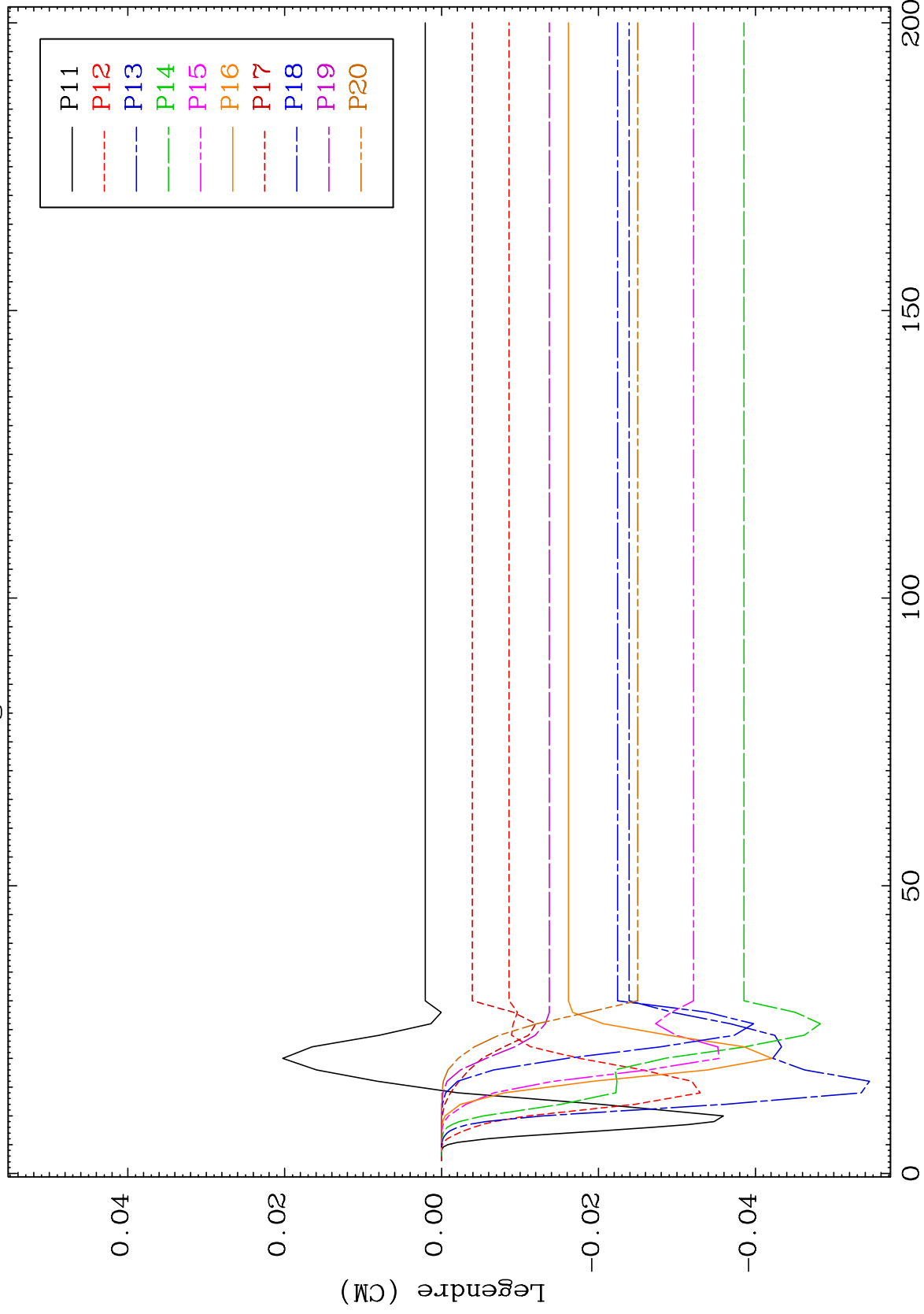
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

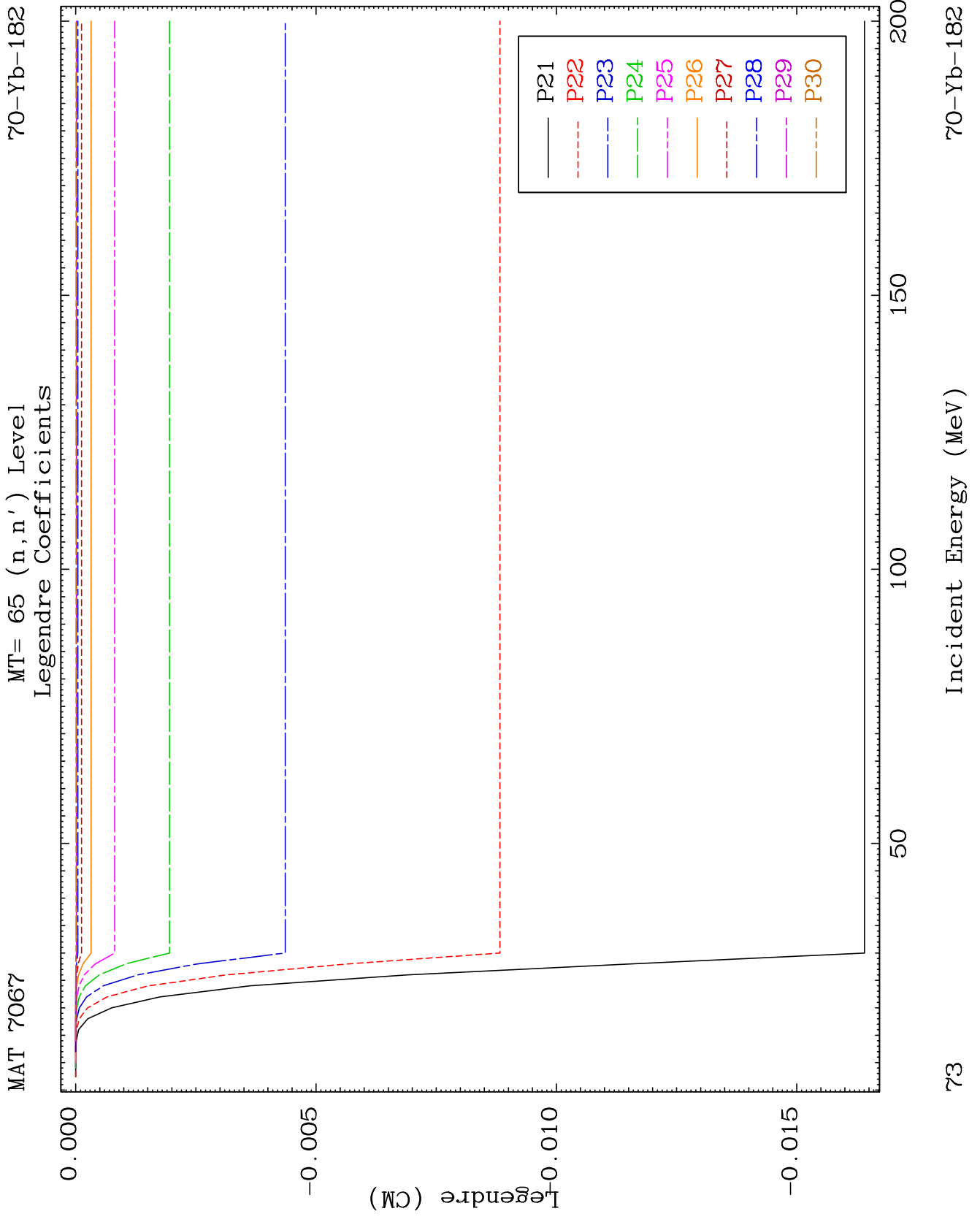
70-Yb-182



72

Incident Energy (MeV)

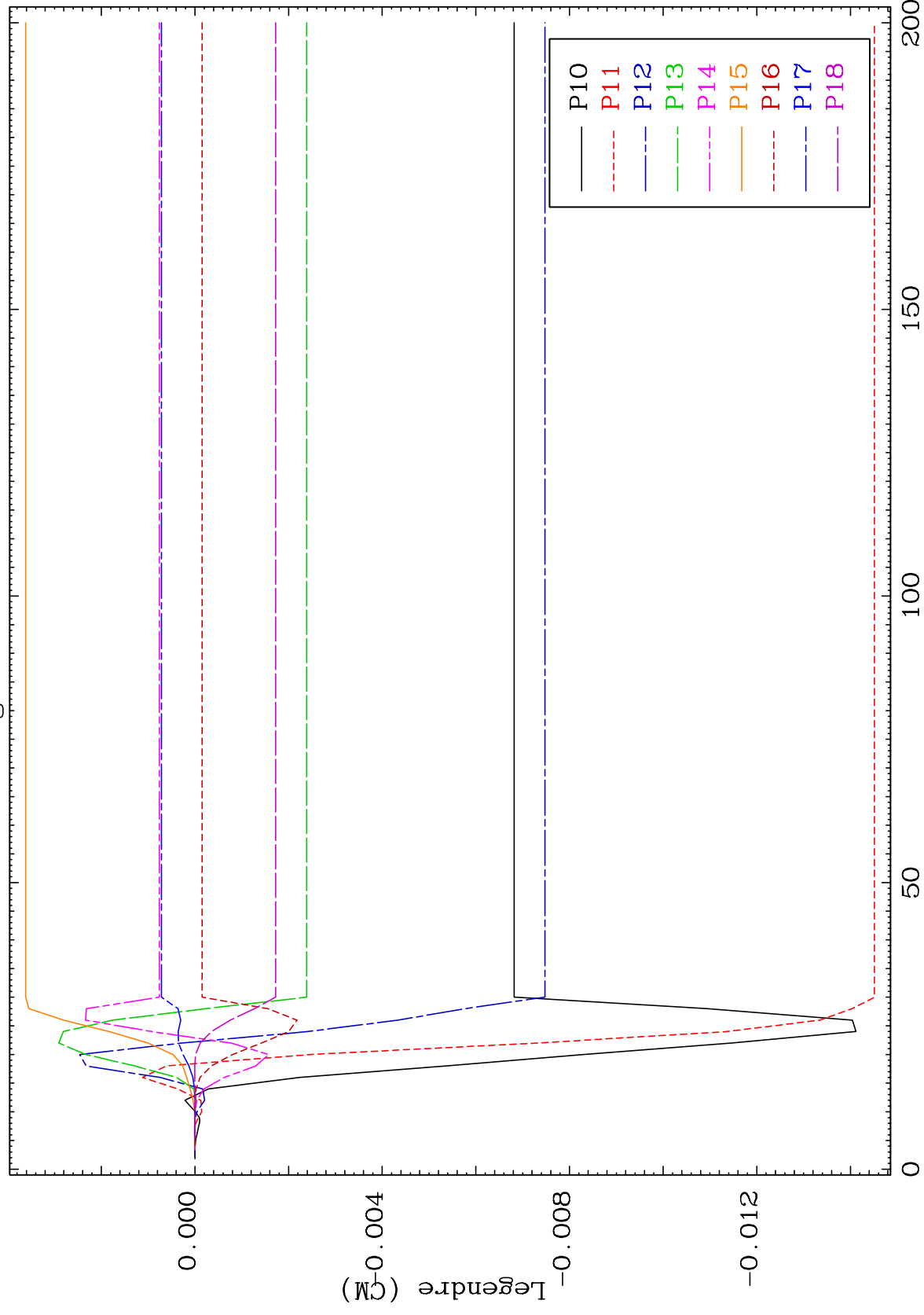
70-Yb-182



MAT 7067

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

70-Yb-182



76

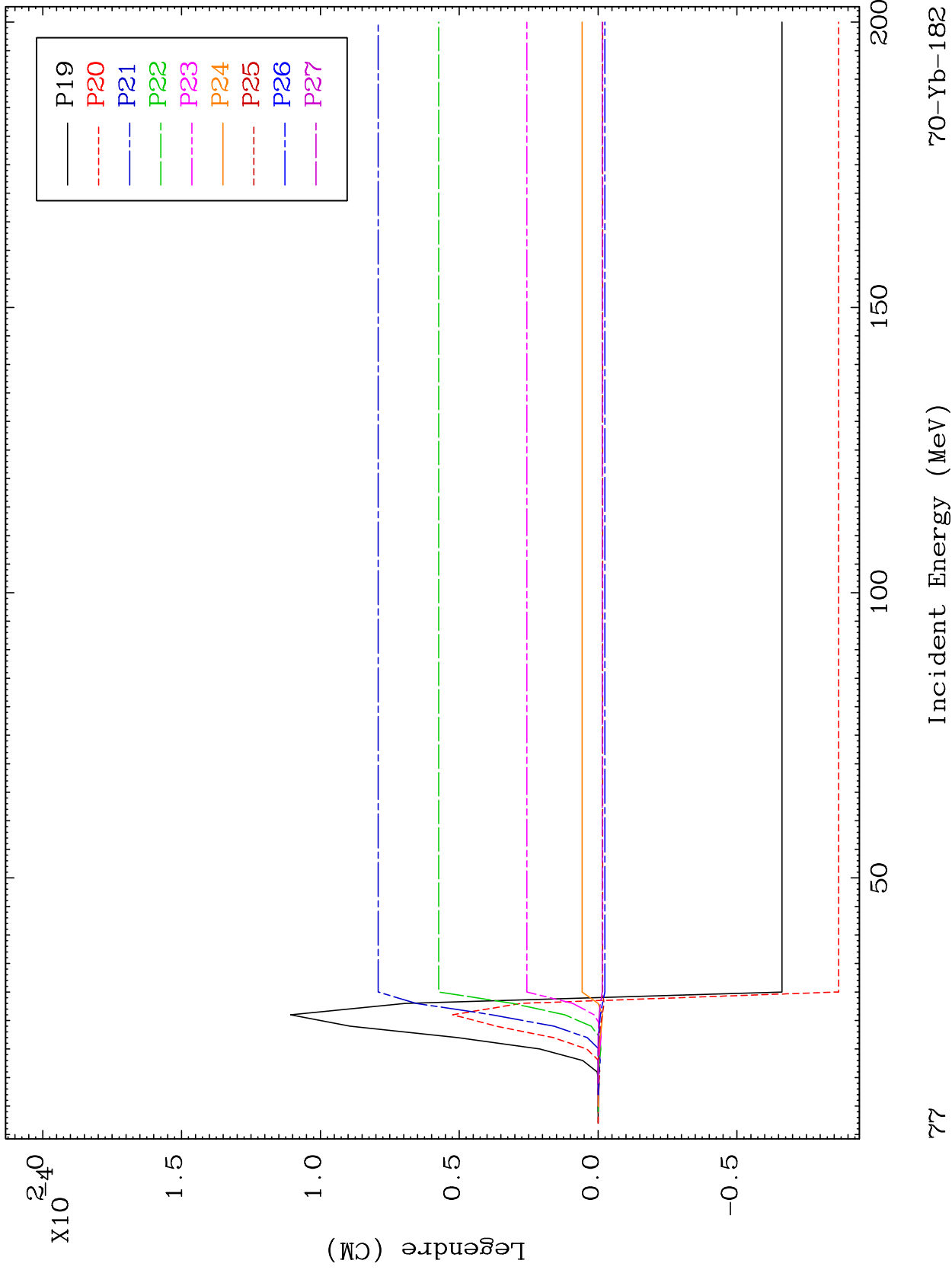
Incident Energy (MeV)

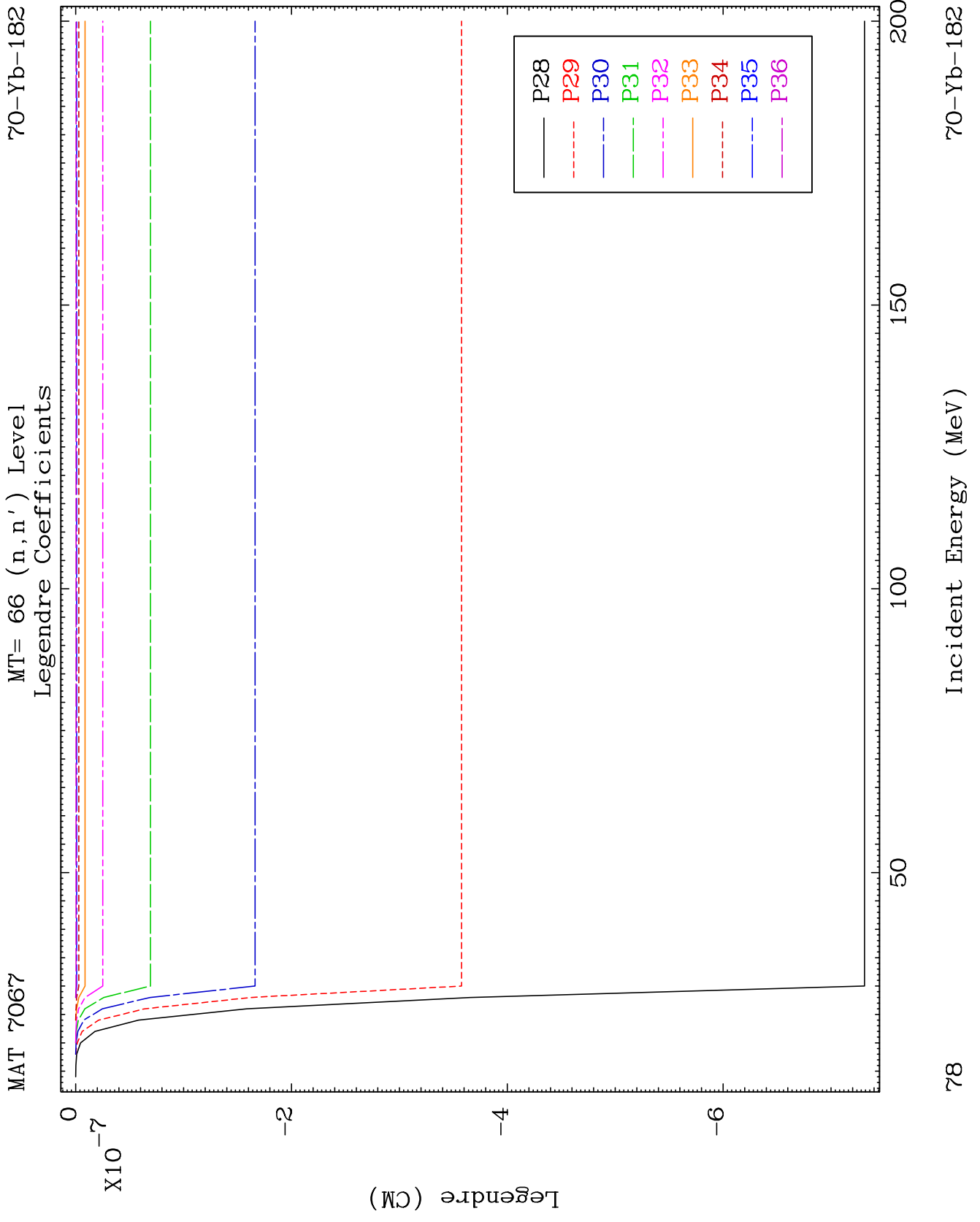
70-Yb-182

MAT 7067

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

70-Yb-182

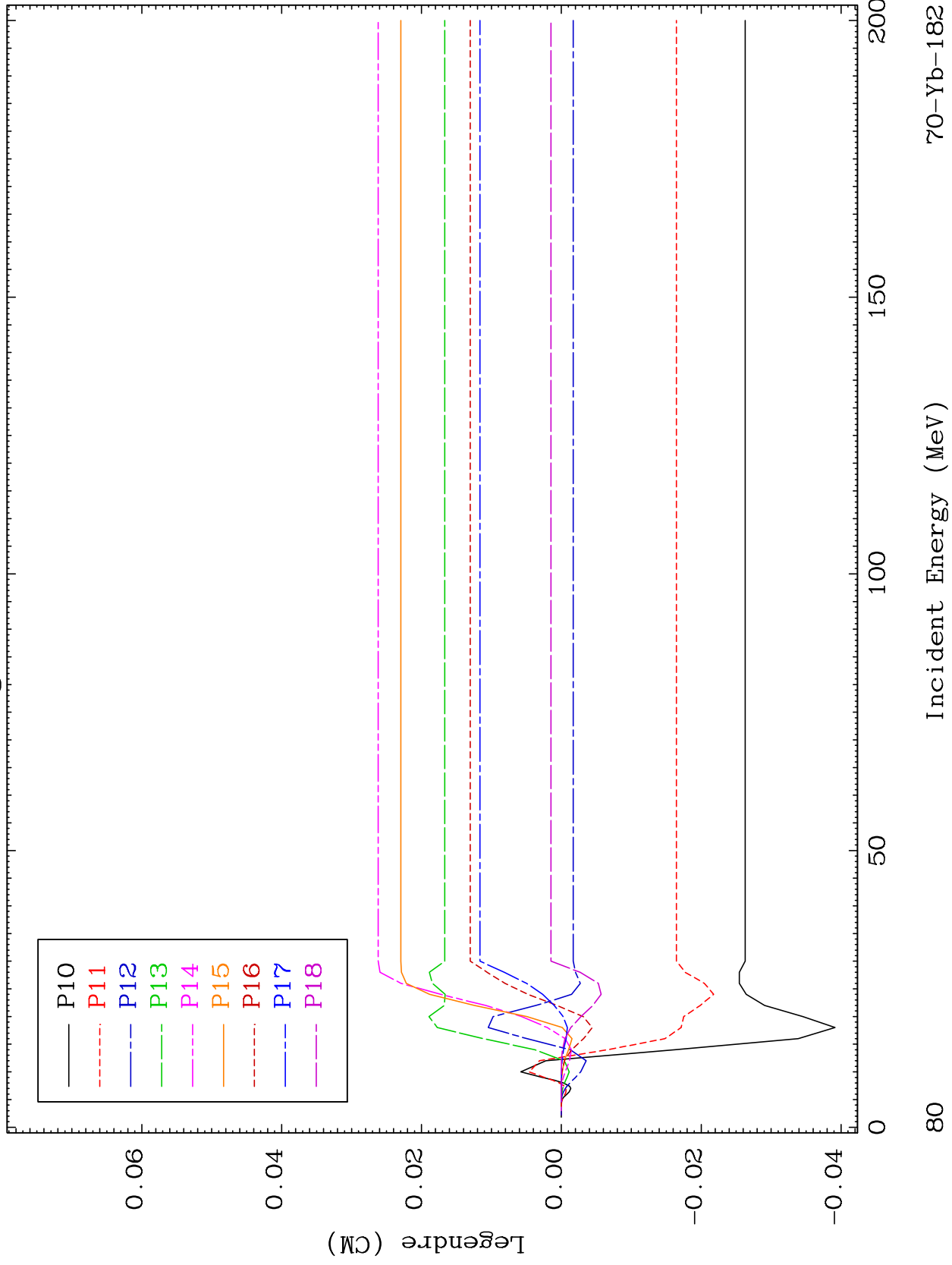




MAT 7067

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

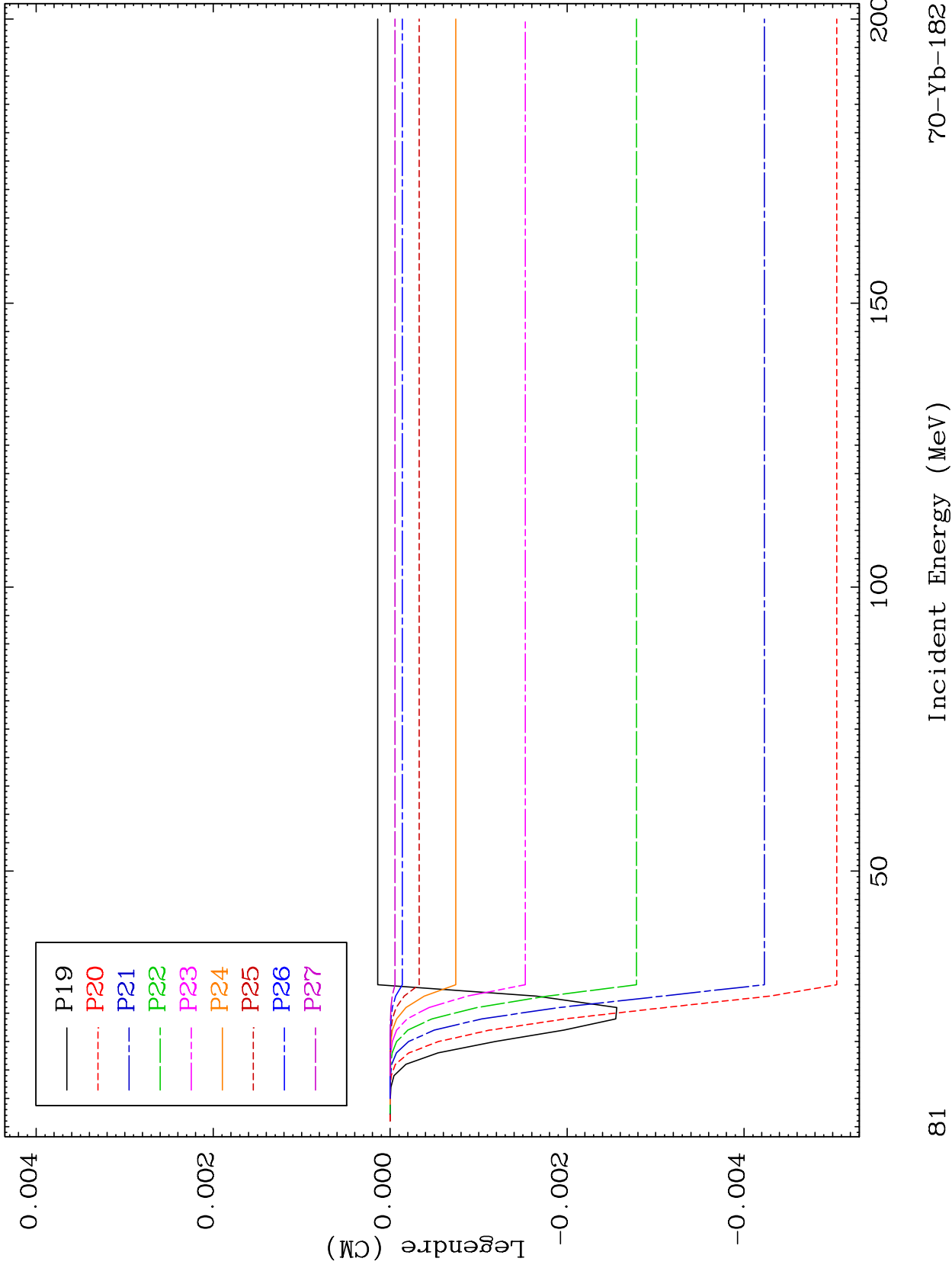
70-Yb-182

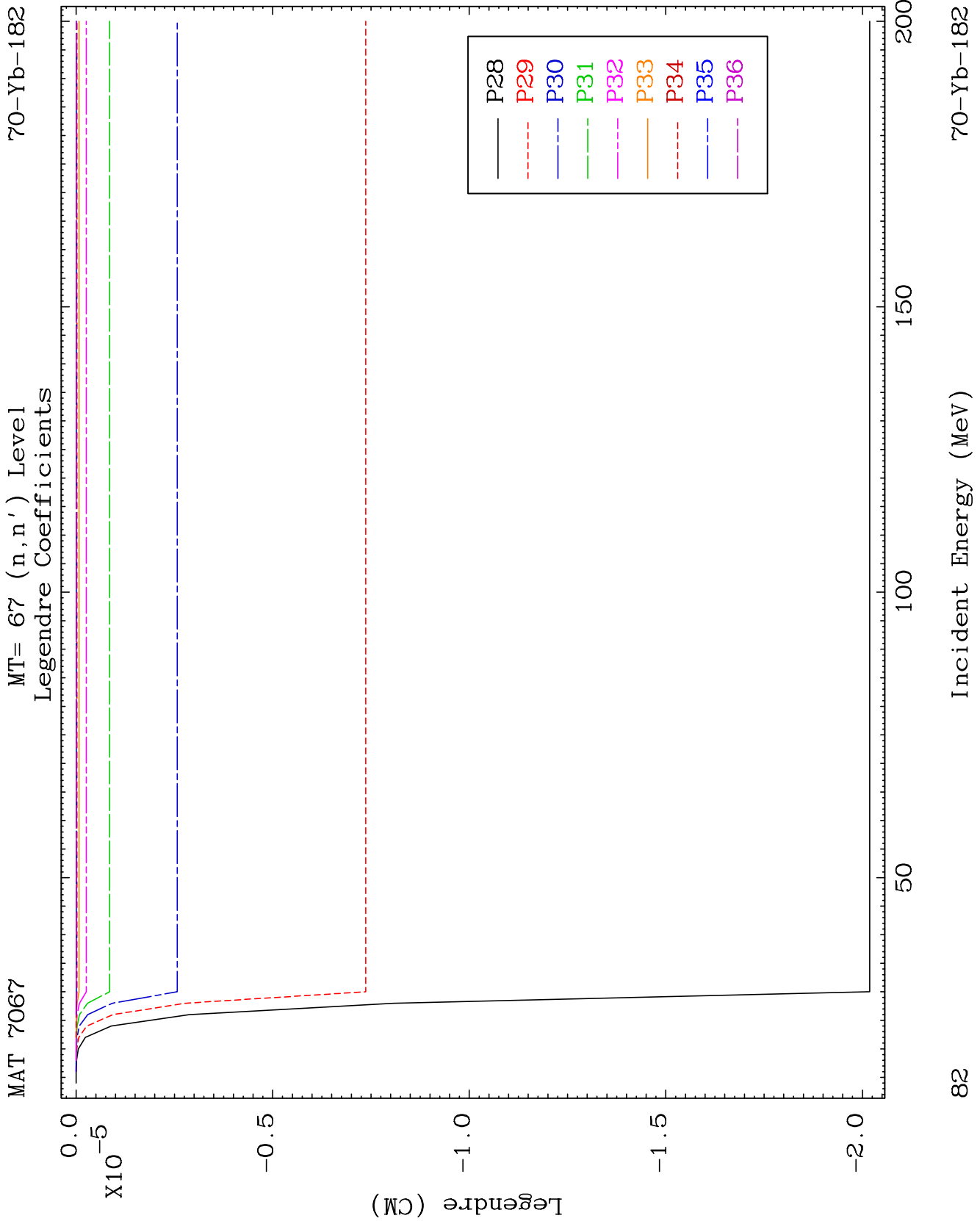


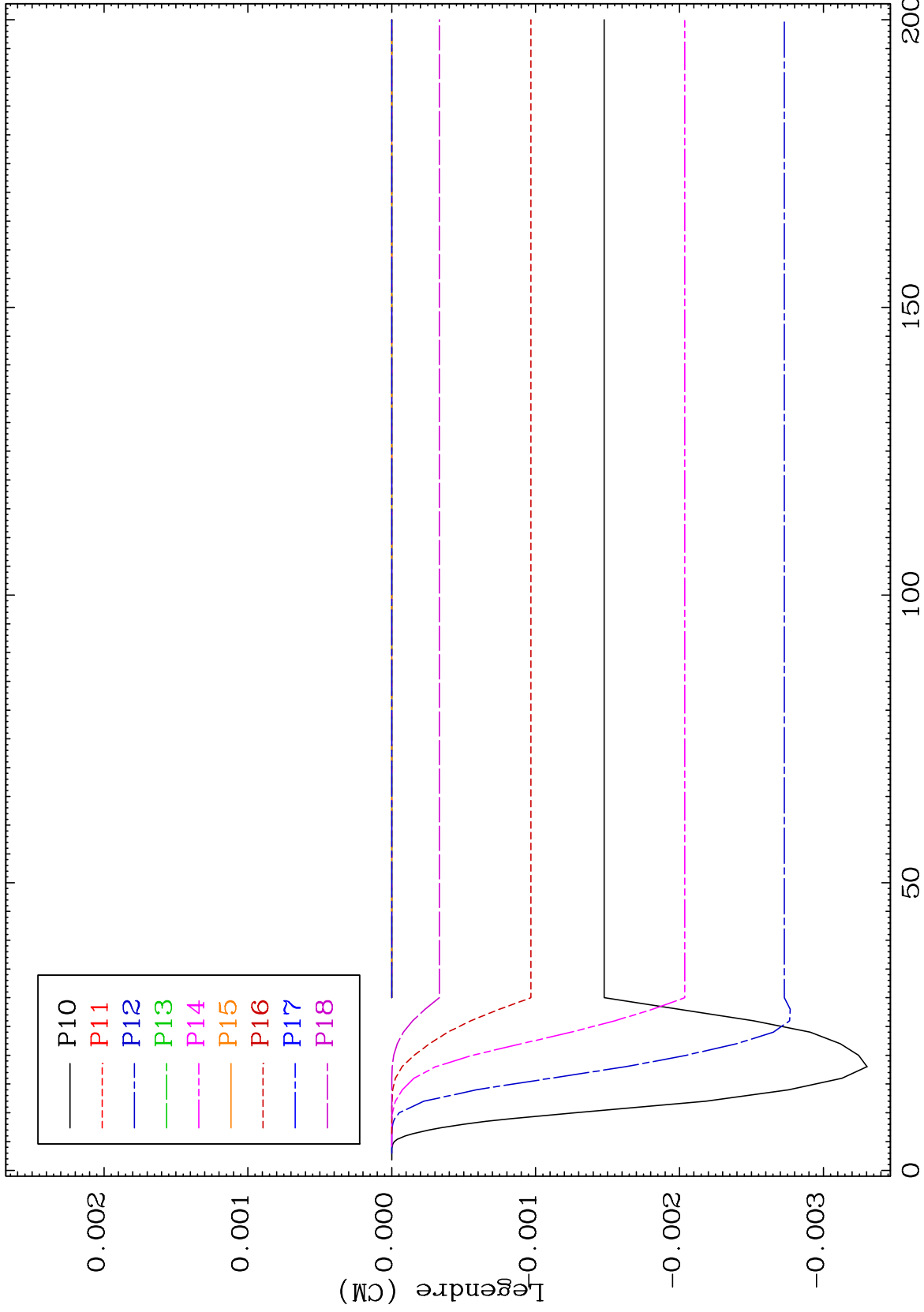
MAT 7067

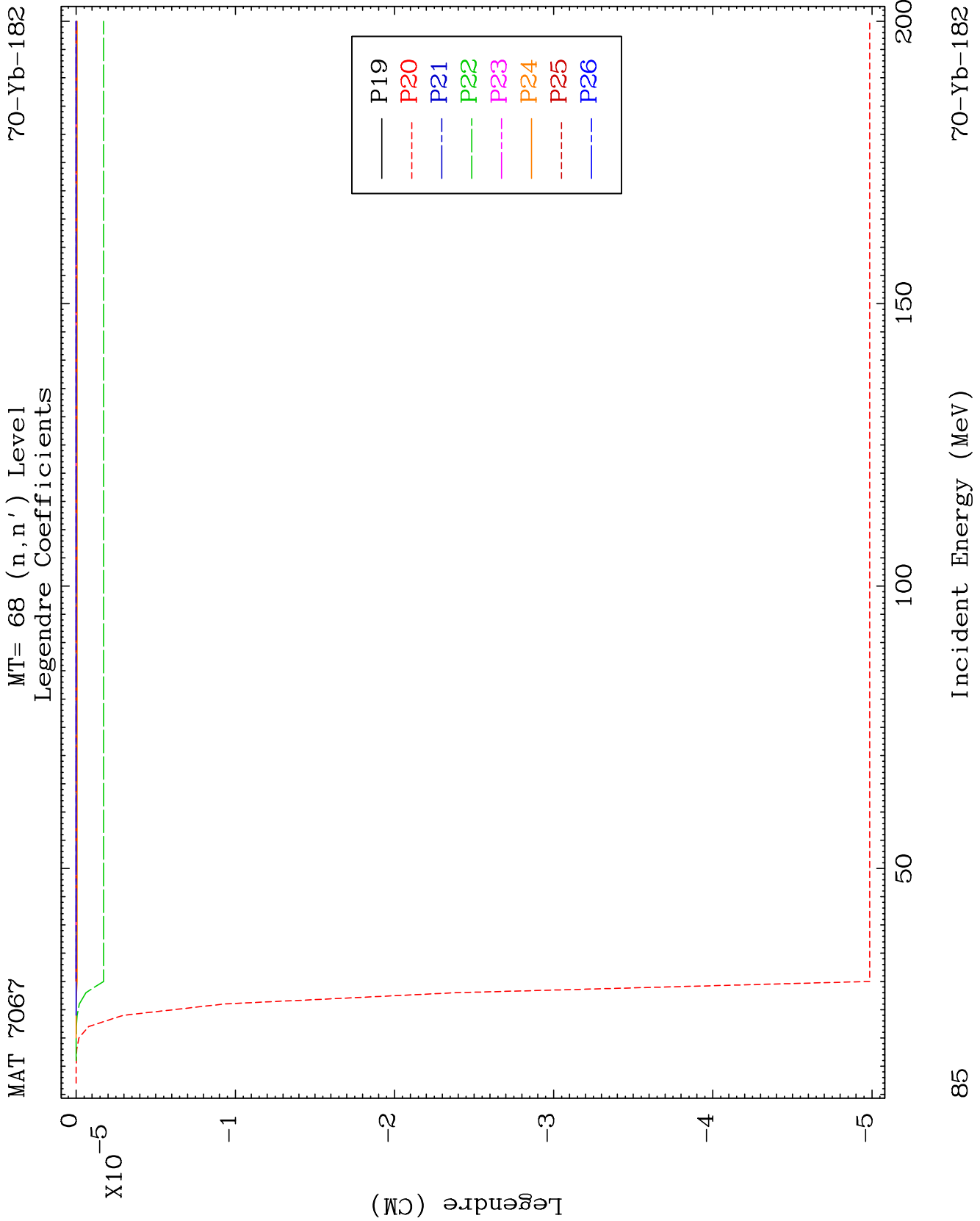
MT= 67 (n,n') Level
Legendre Coefficients

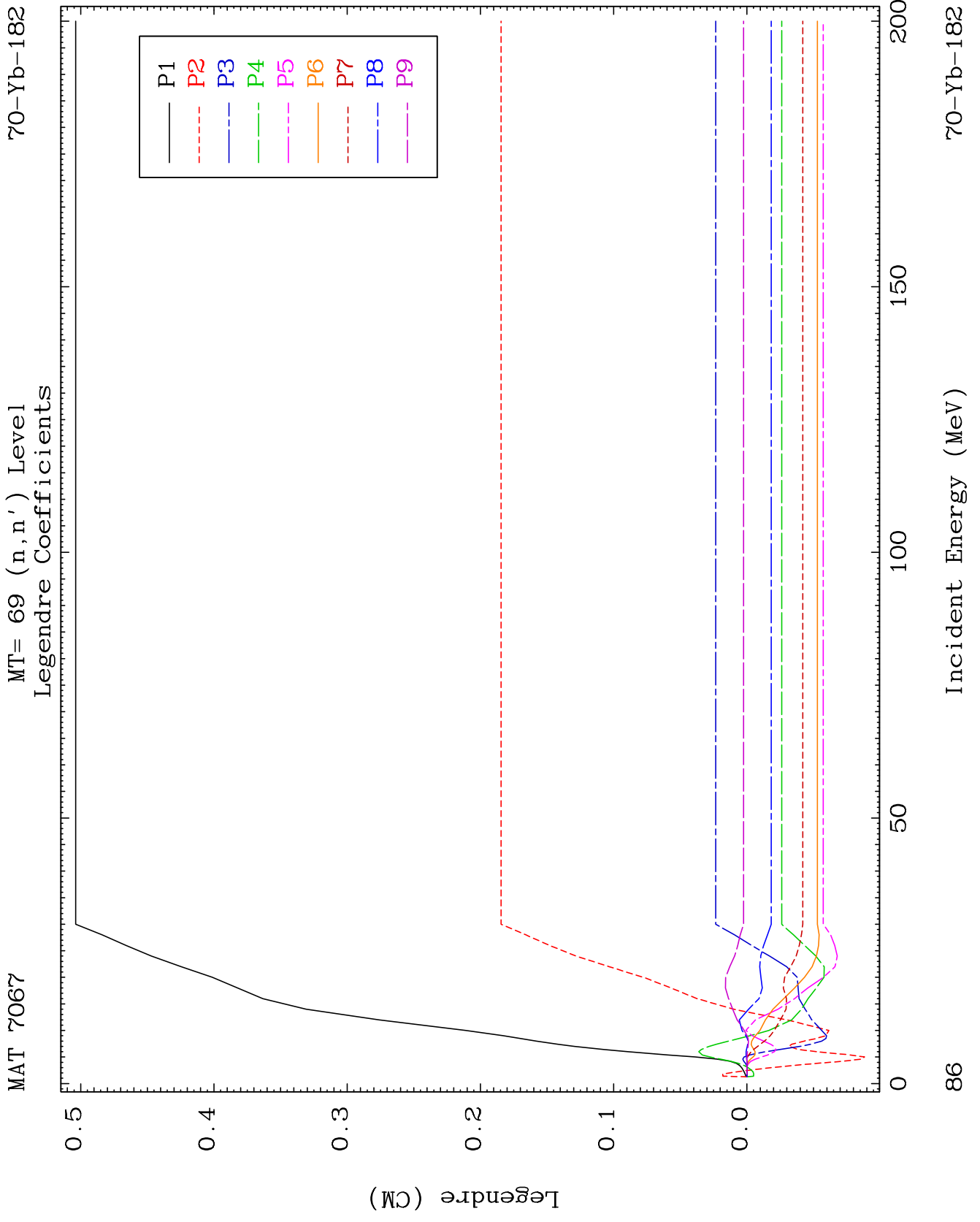
70-Yb-182

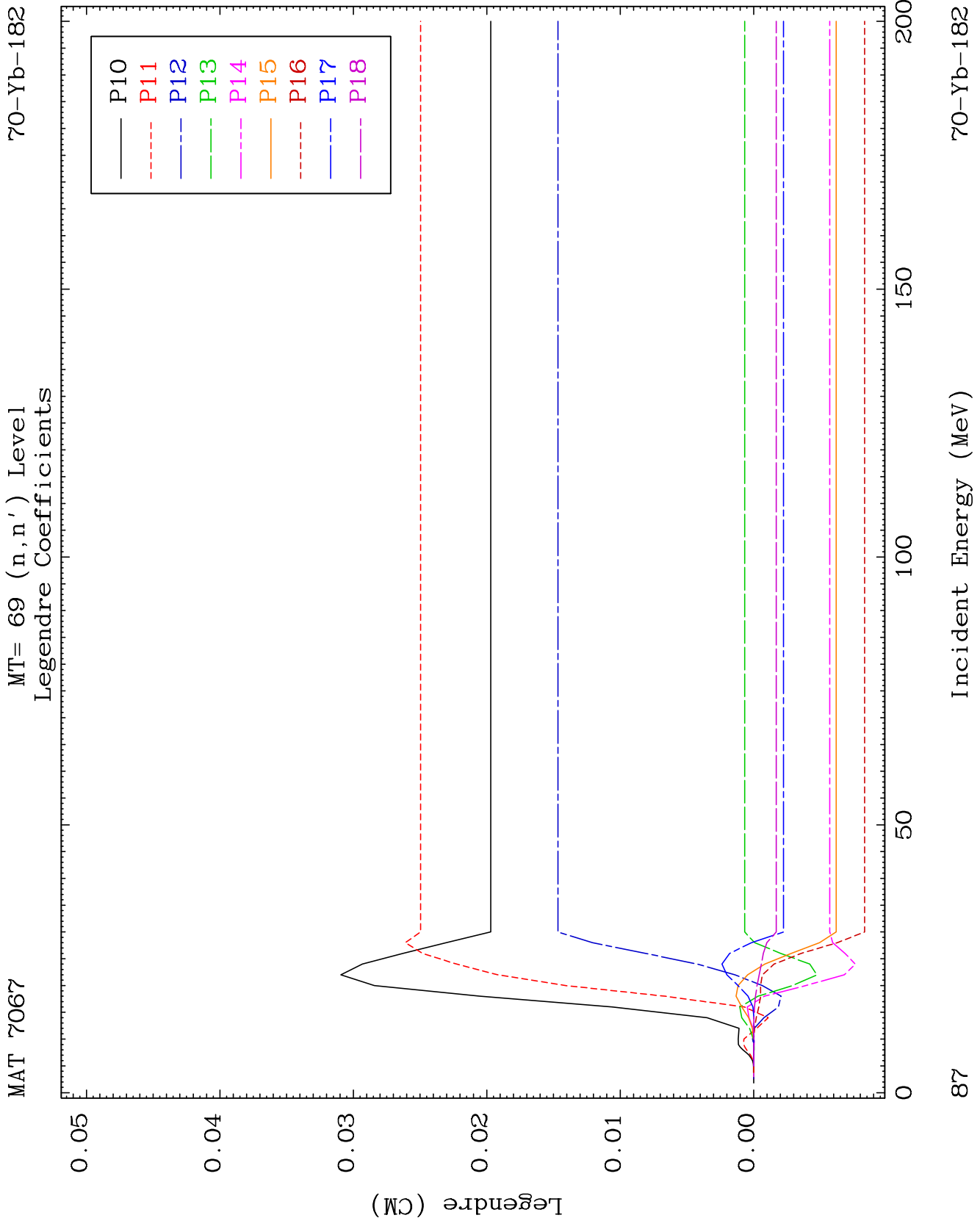








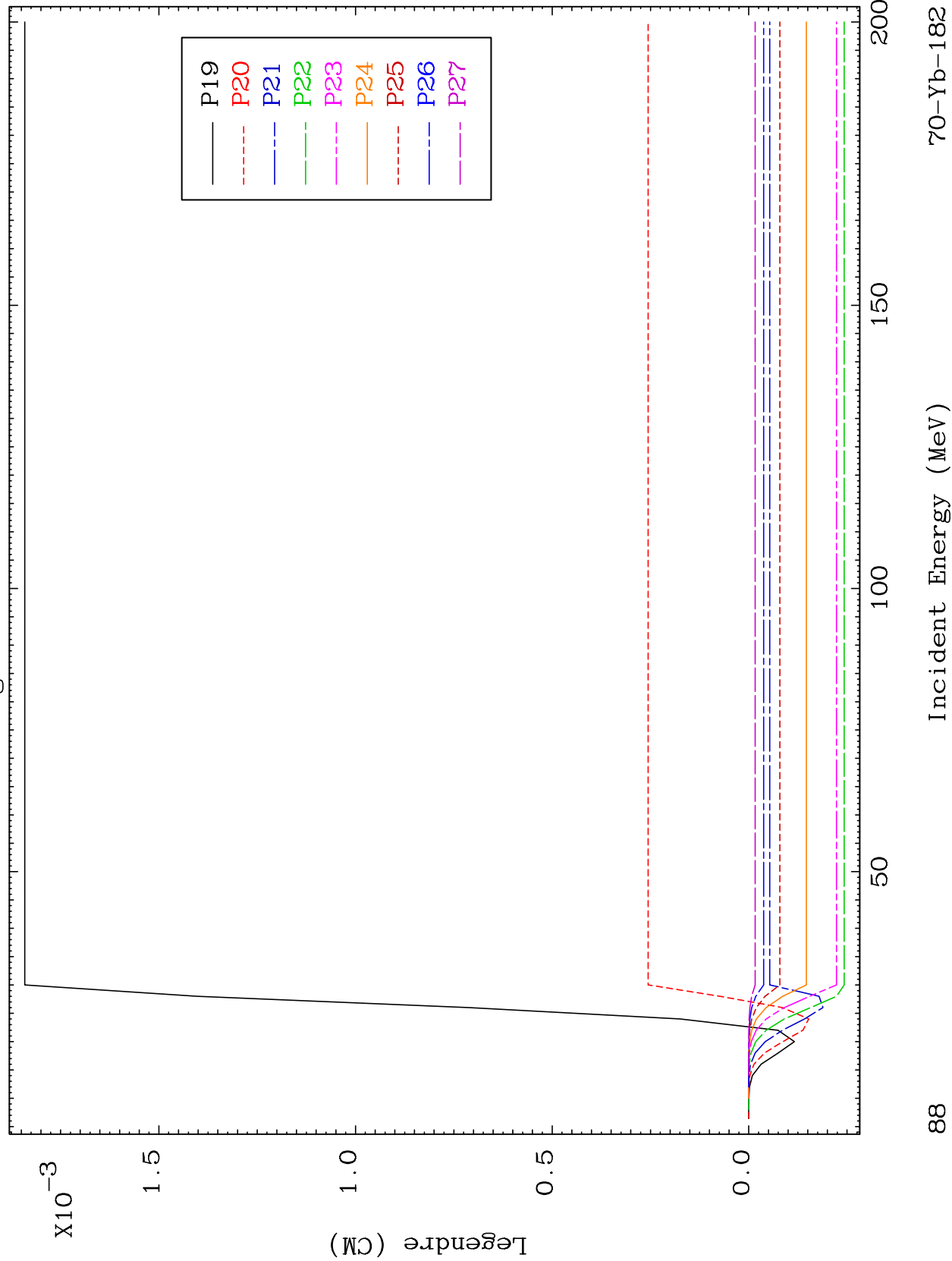


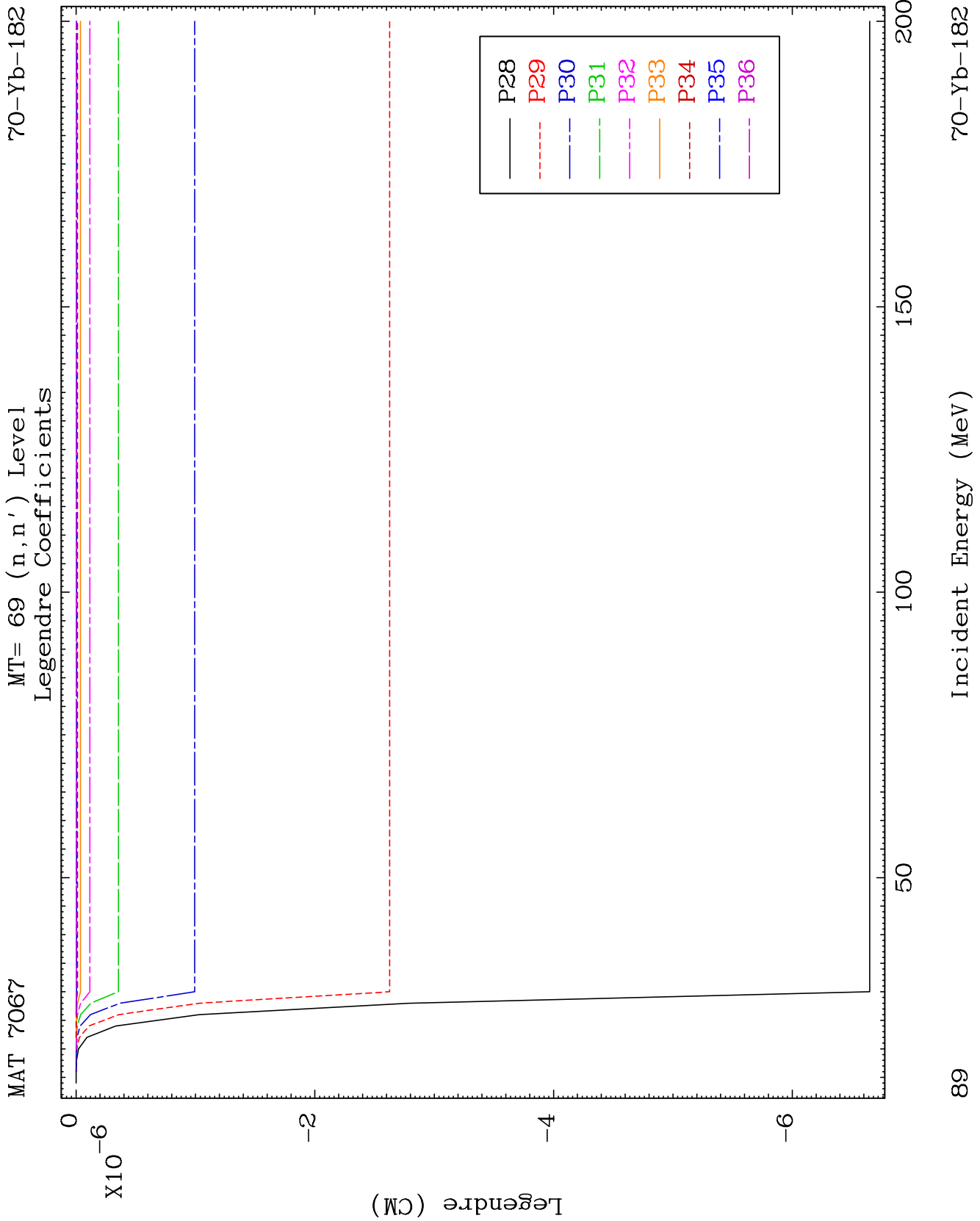


MAT 7067

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

70-Yb-182

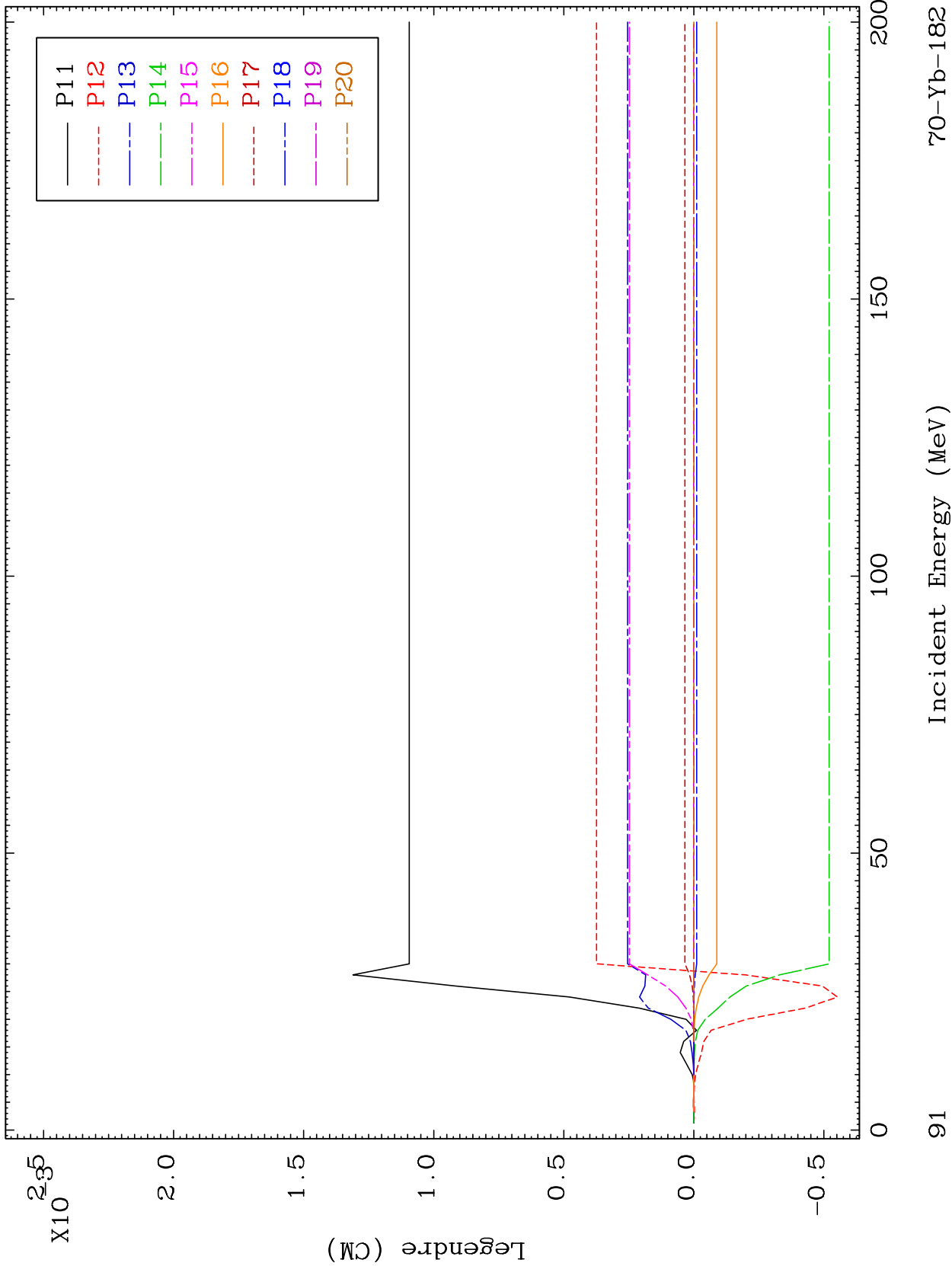


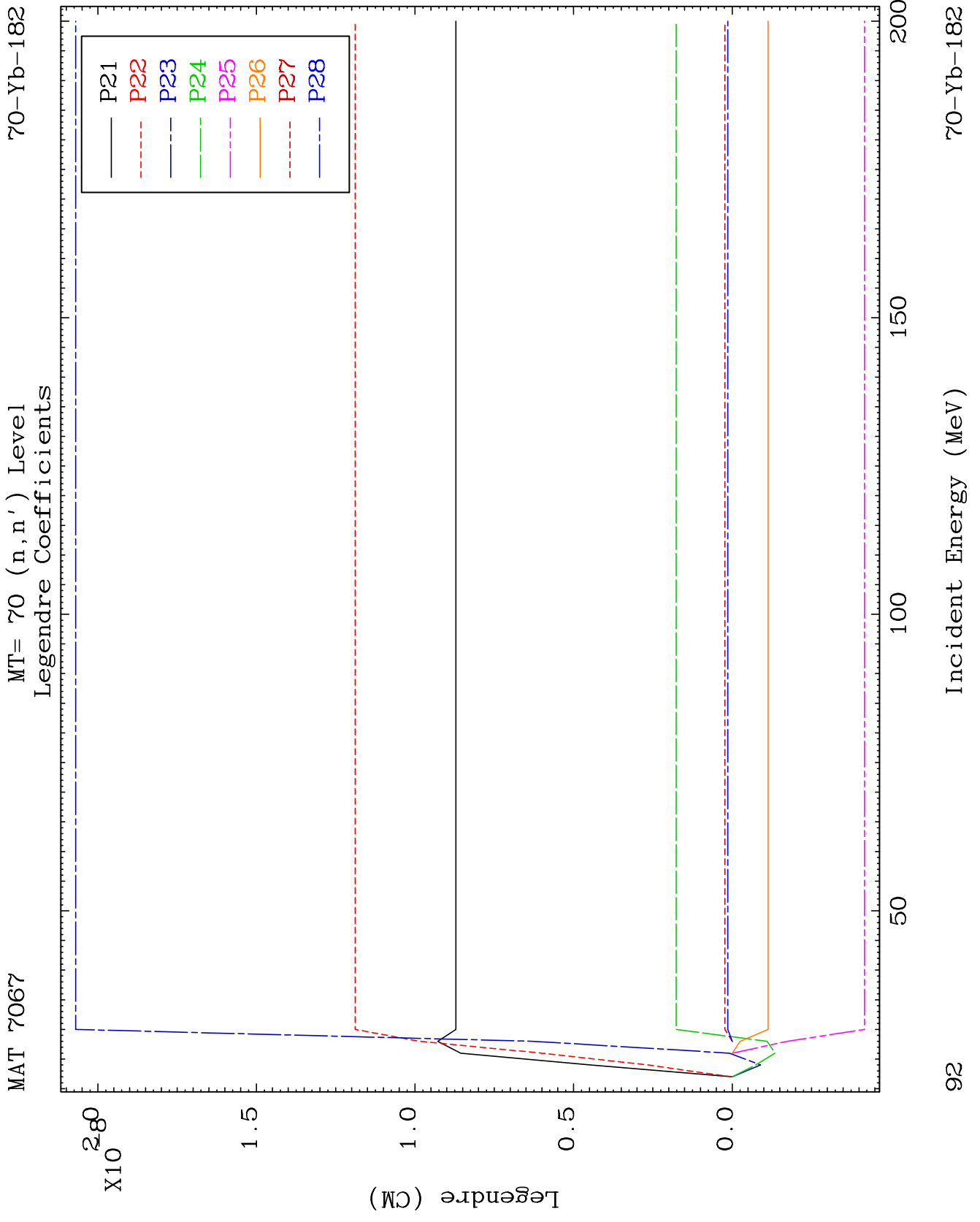


MAT 7067

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

70-Yb-182

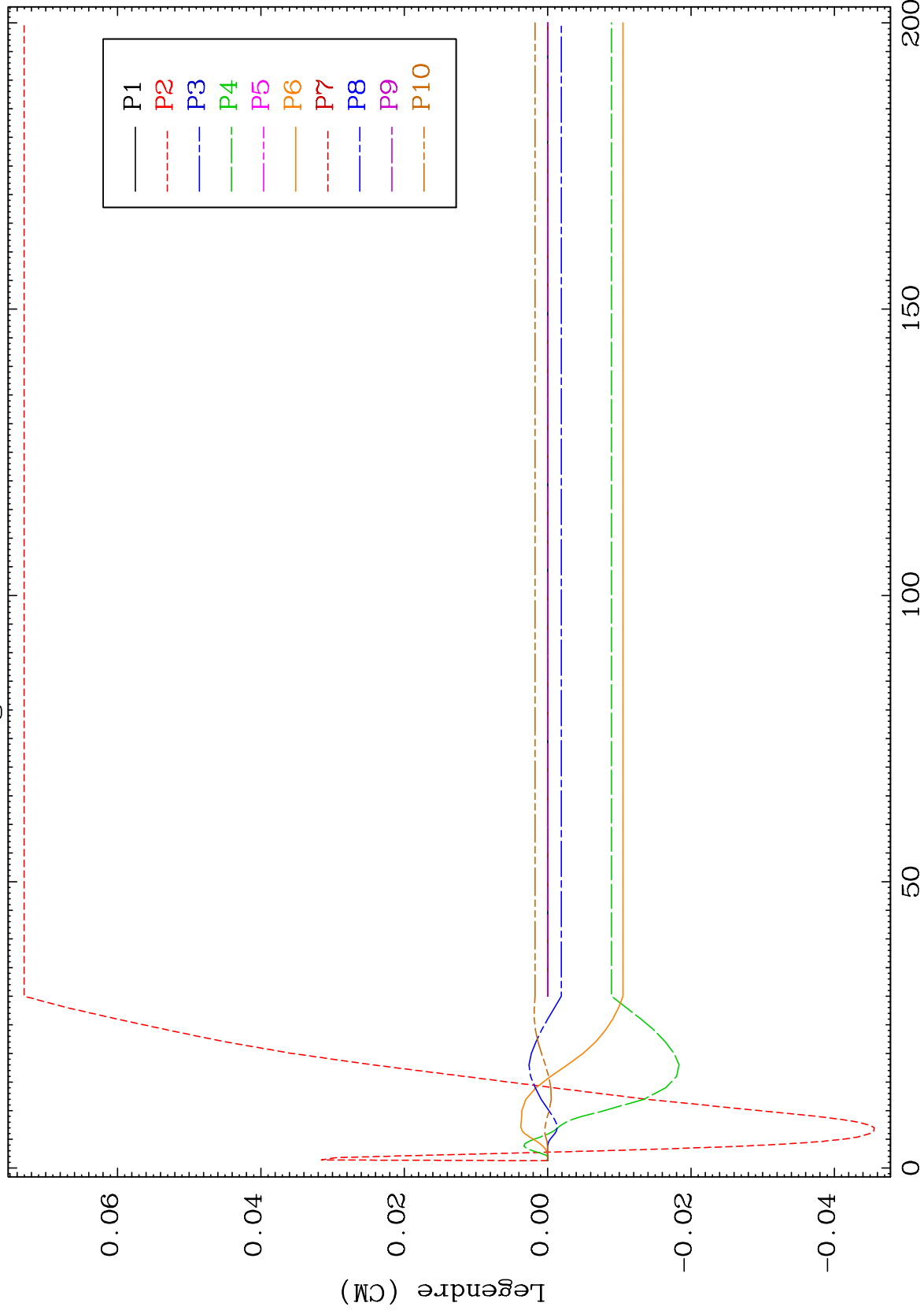




MAT 7067

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

70-Yb-182



93

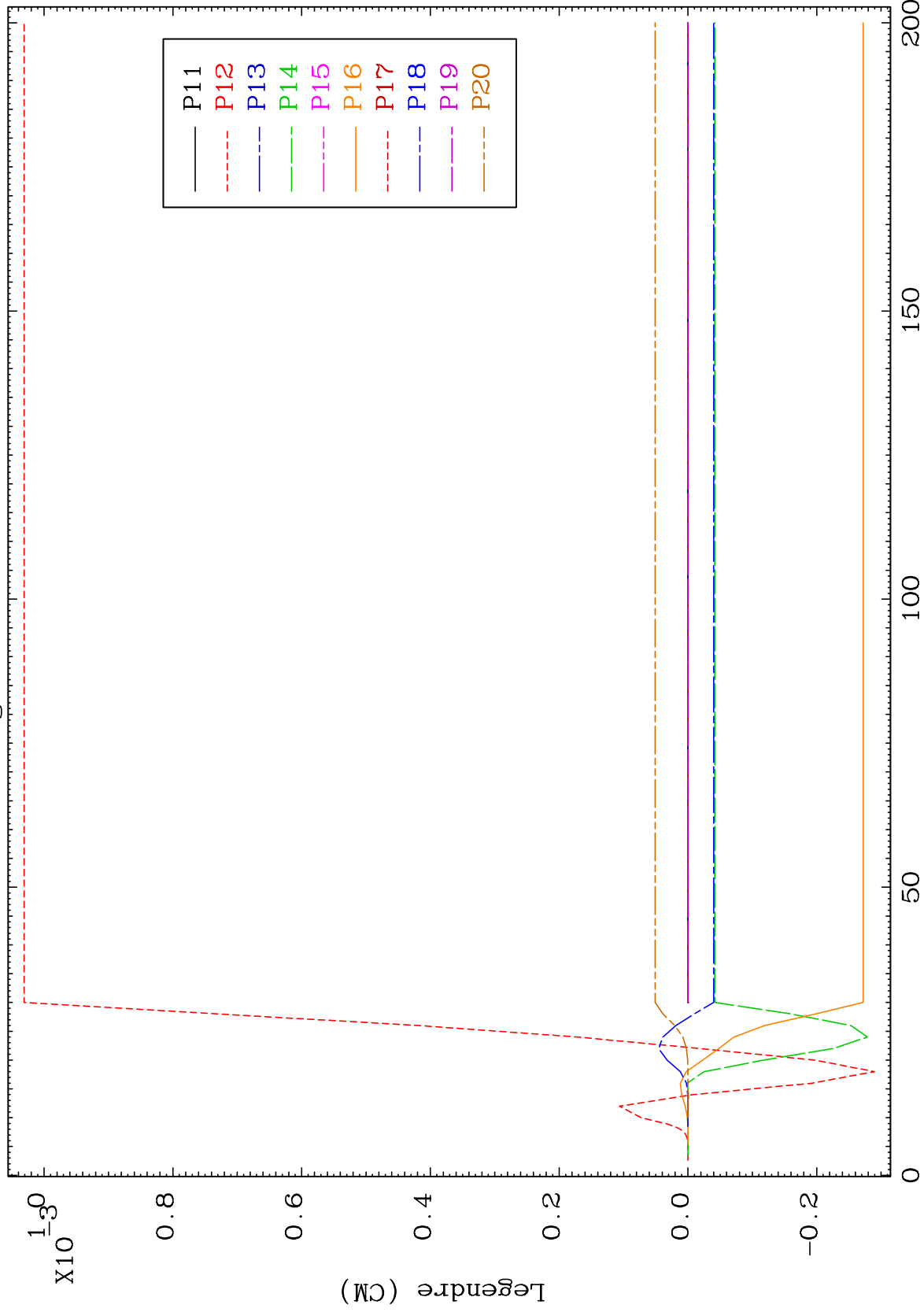
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

70-Yb-182



94

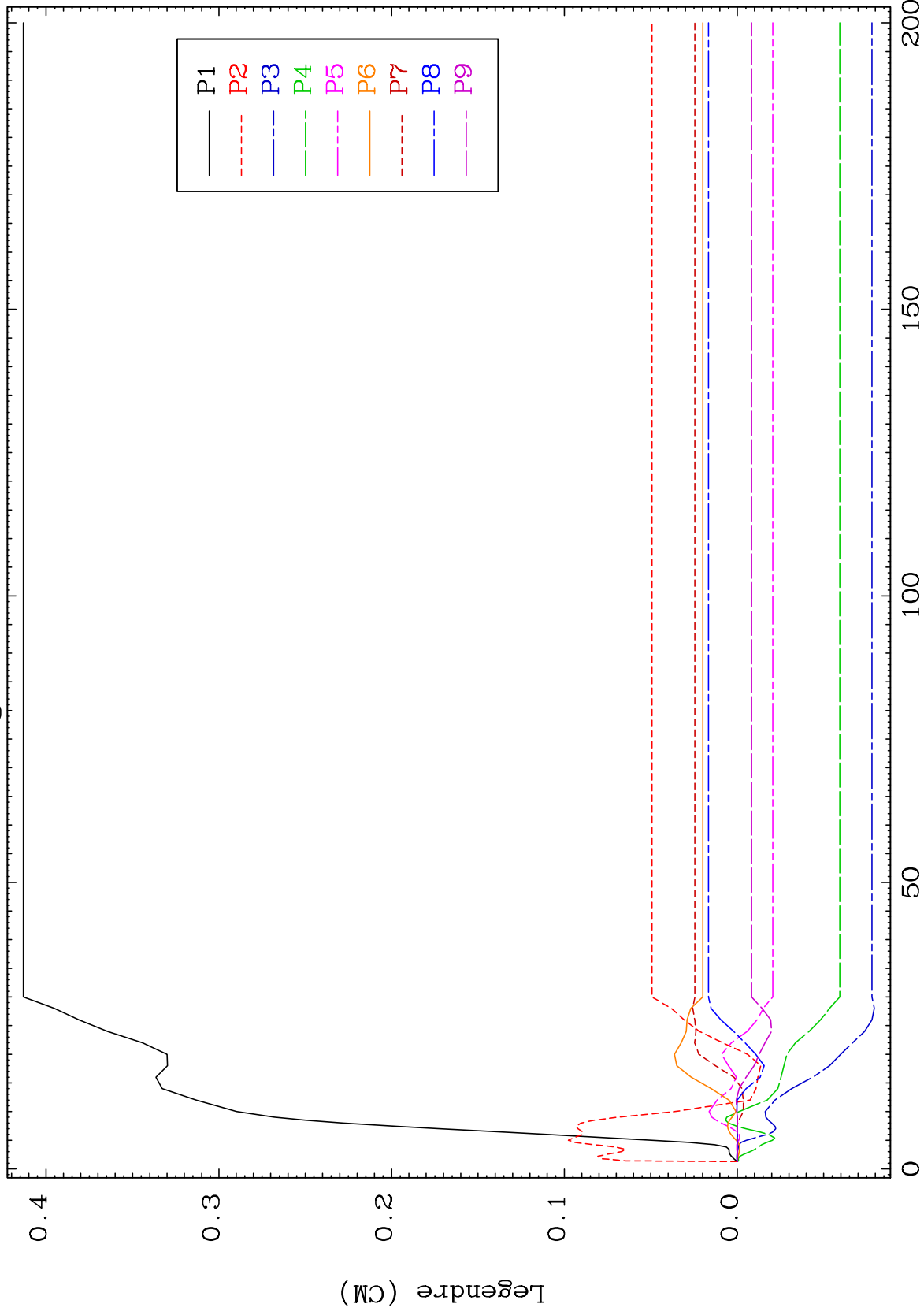
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

70-Yb-182



96

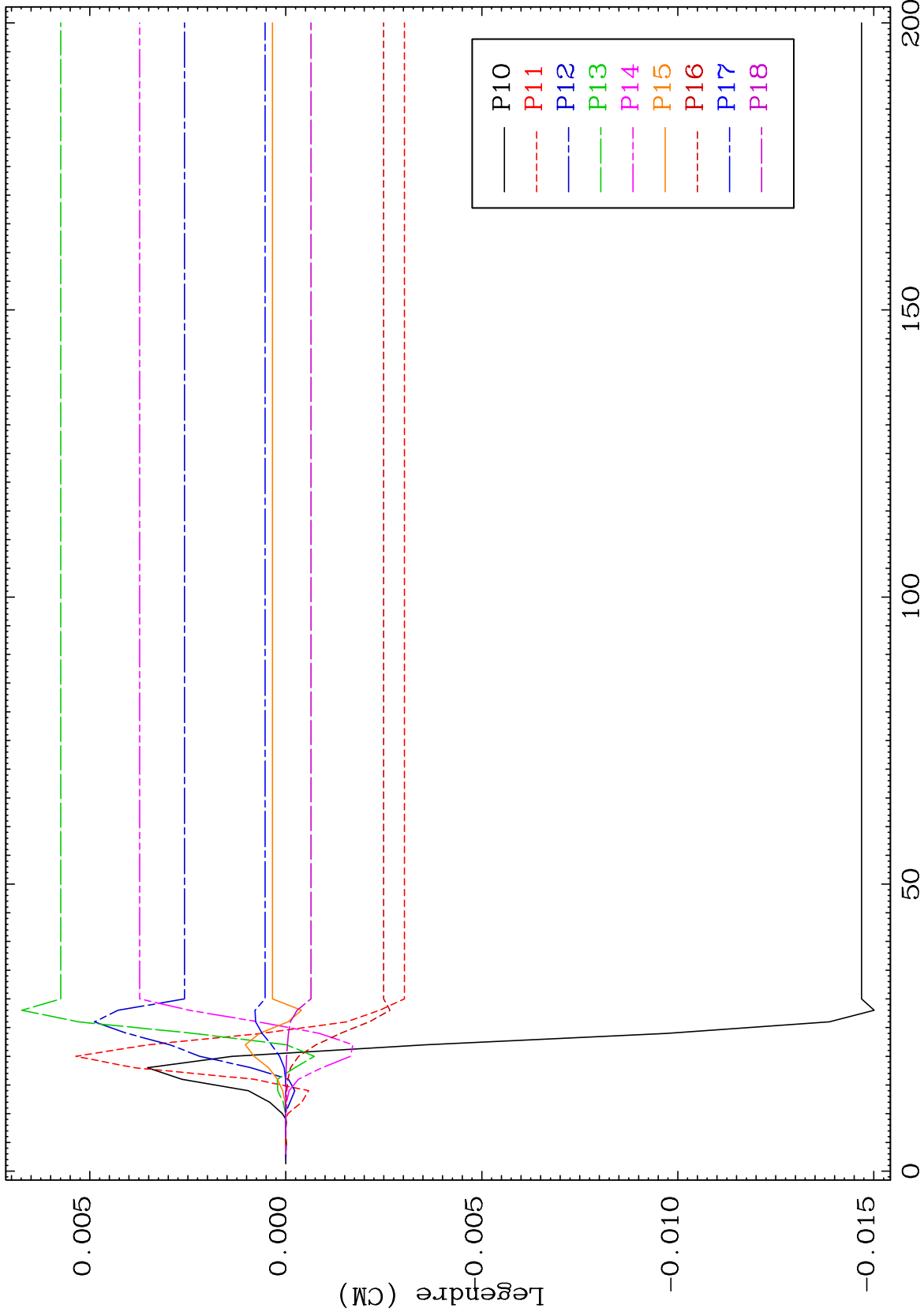
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

70-Yb-182



97

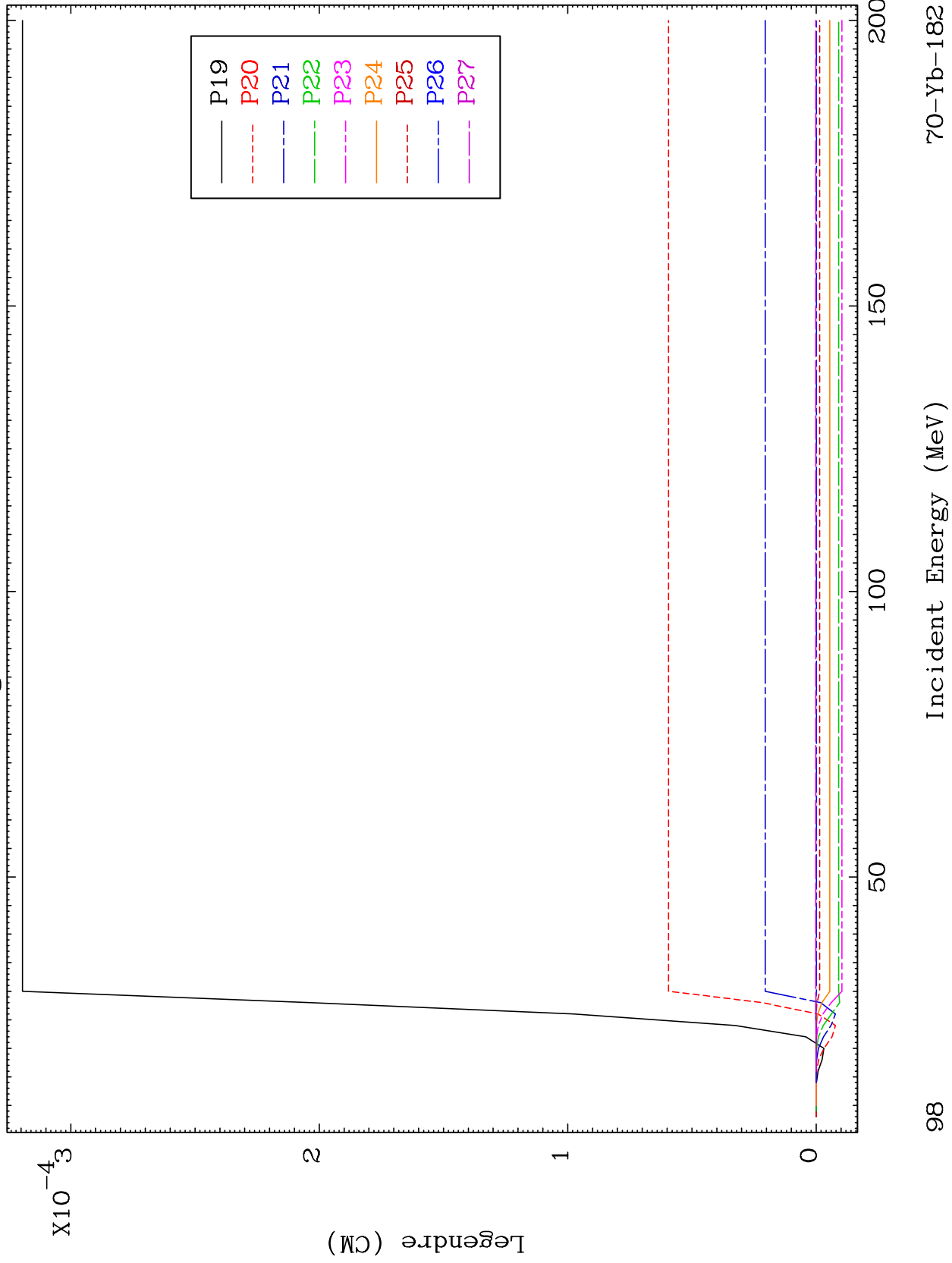
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

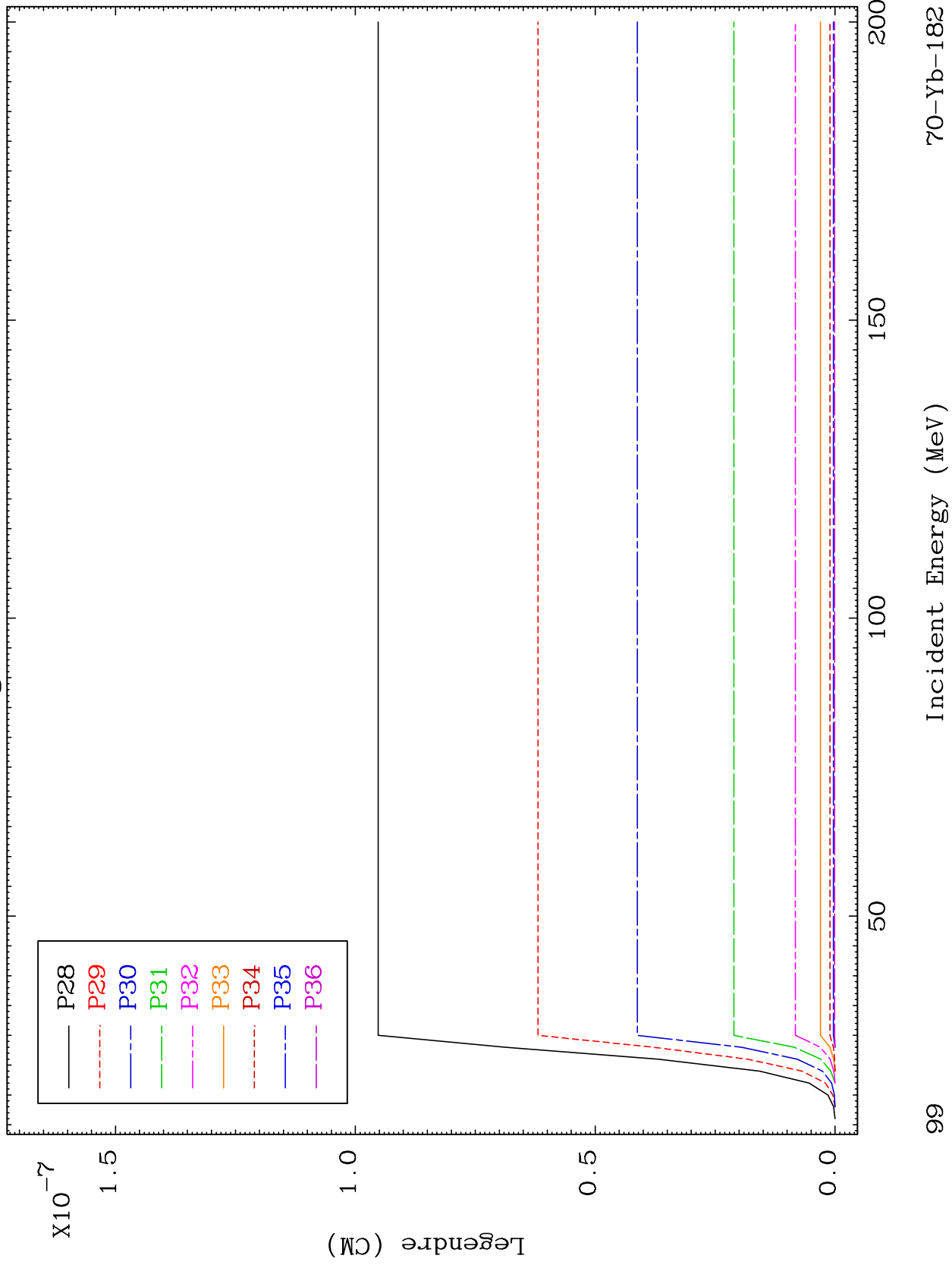
70-Yb-182

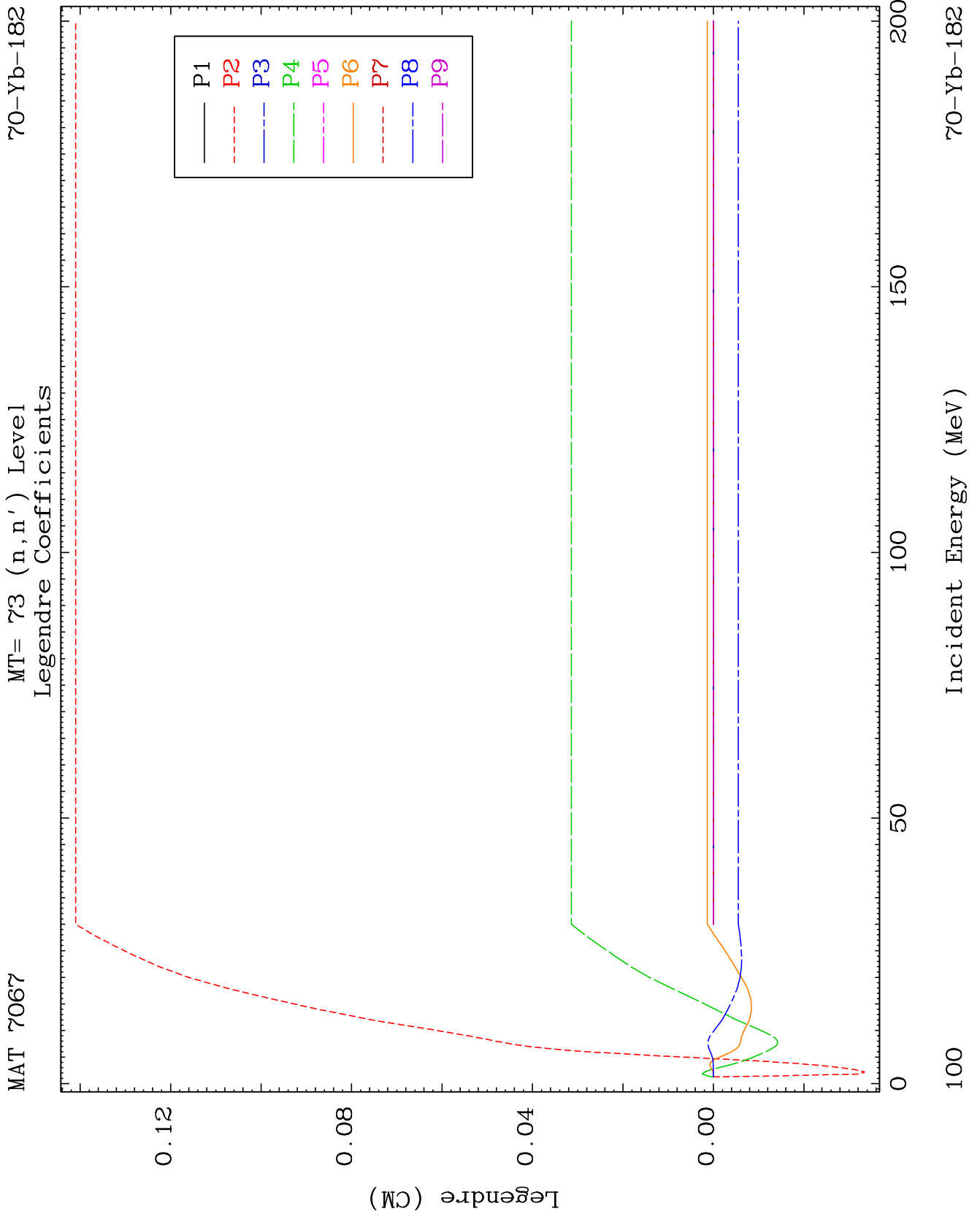


MAT 7067

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

70-Yb-182

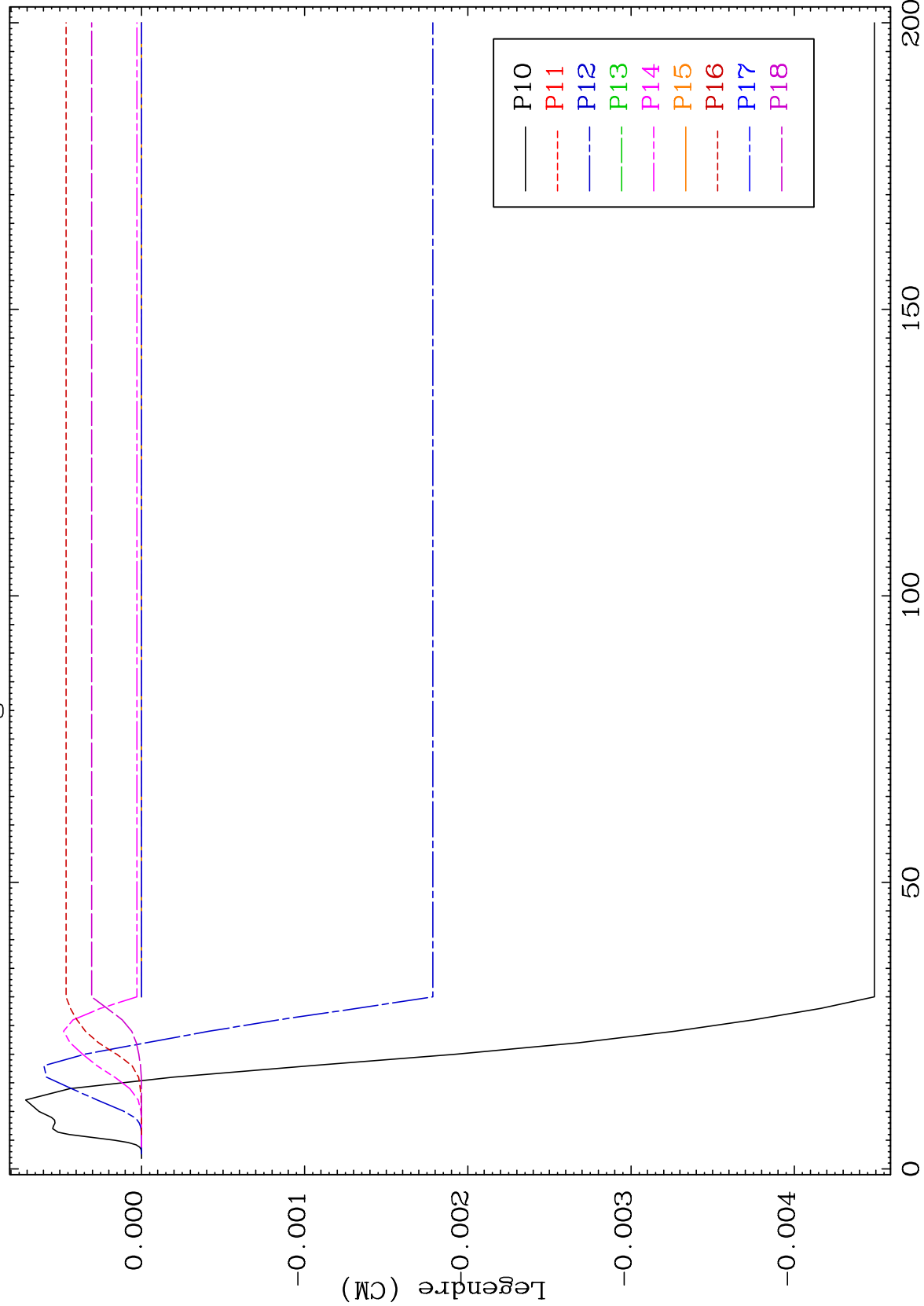




MAT 7067

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

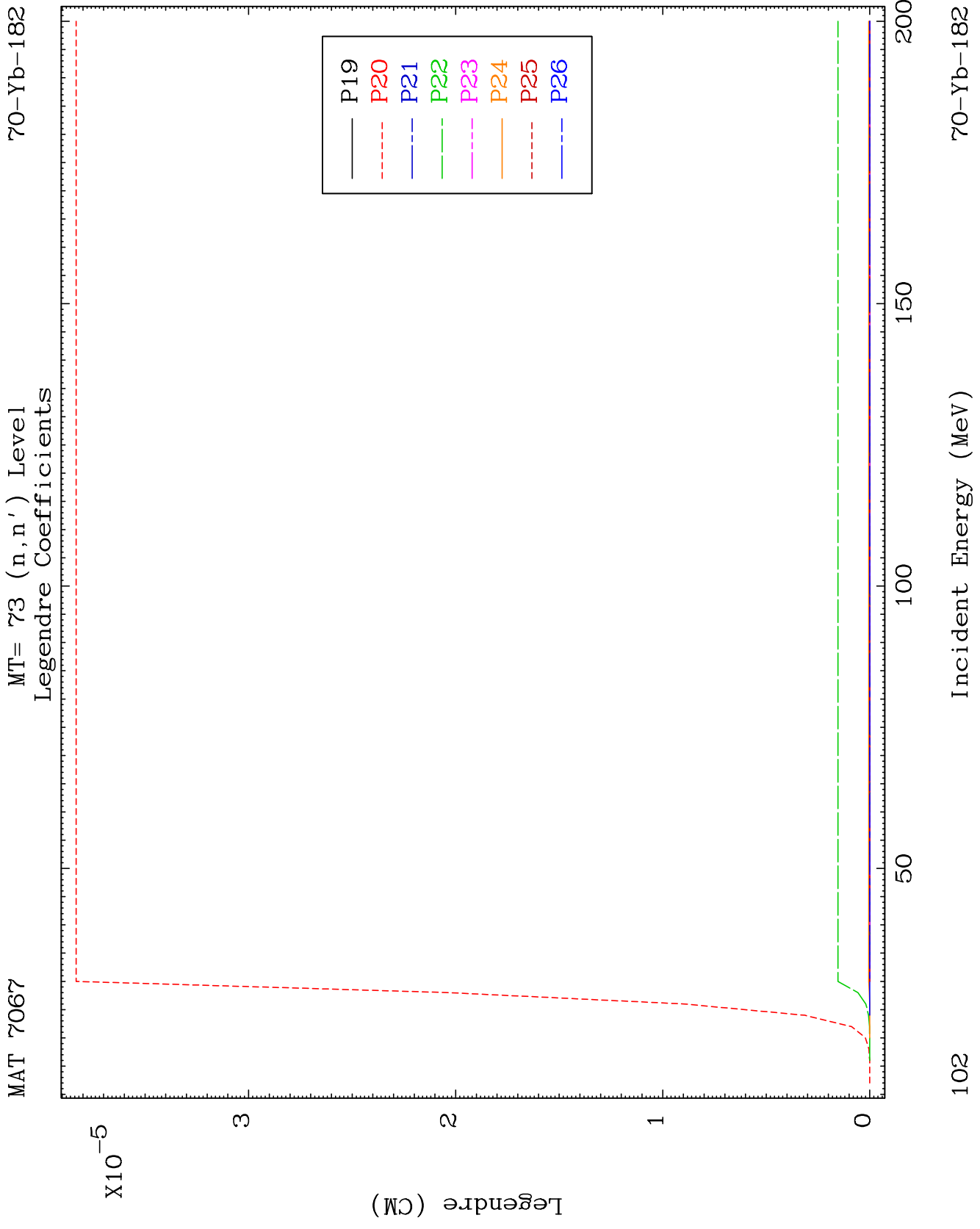
70-Yb-182

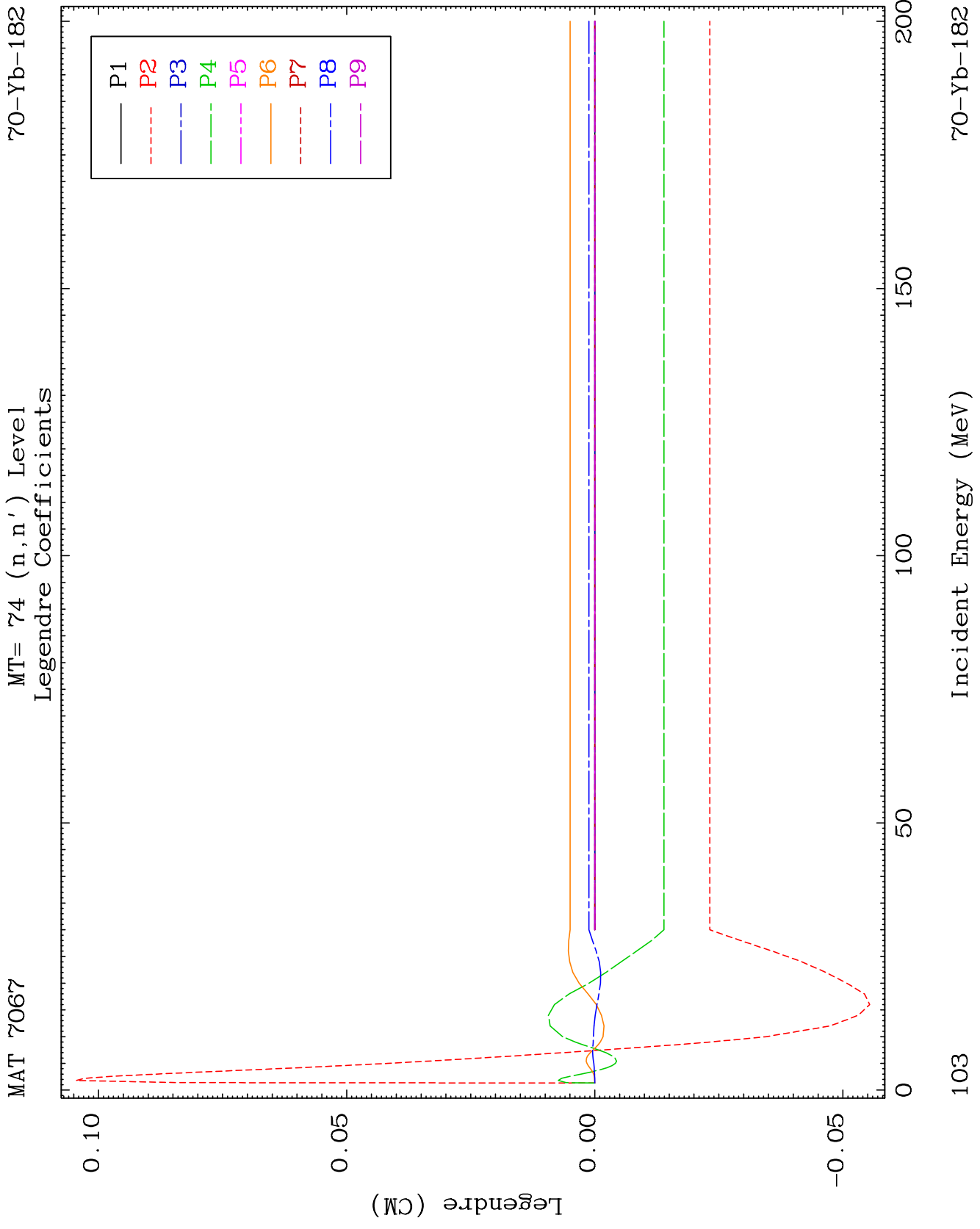


101

Incident Energy (MeV)

70-Yb-182

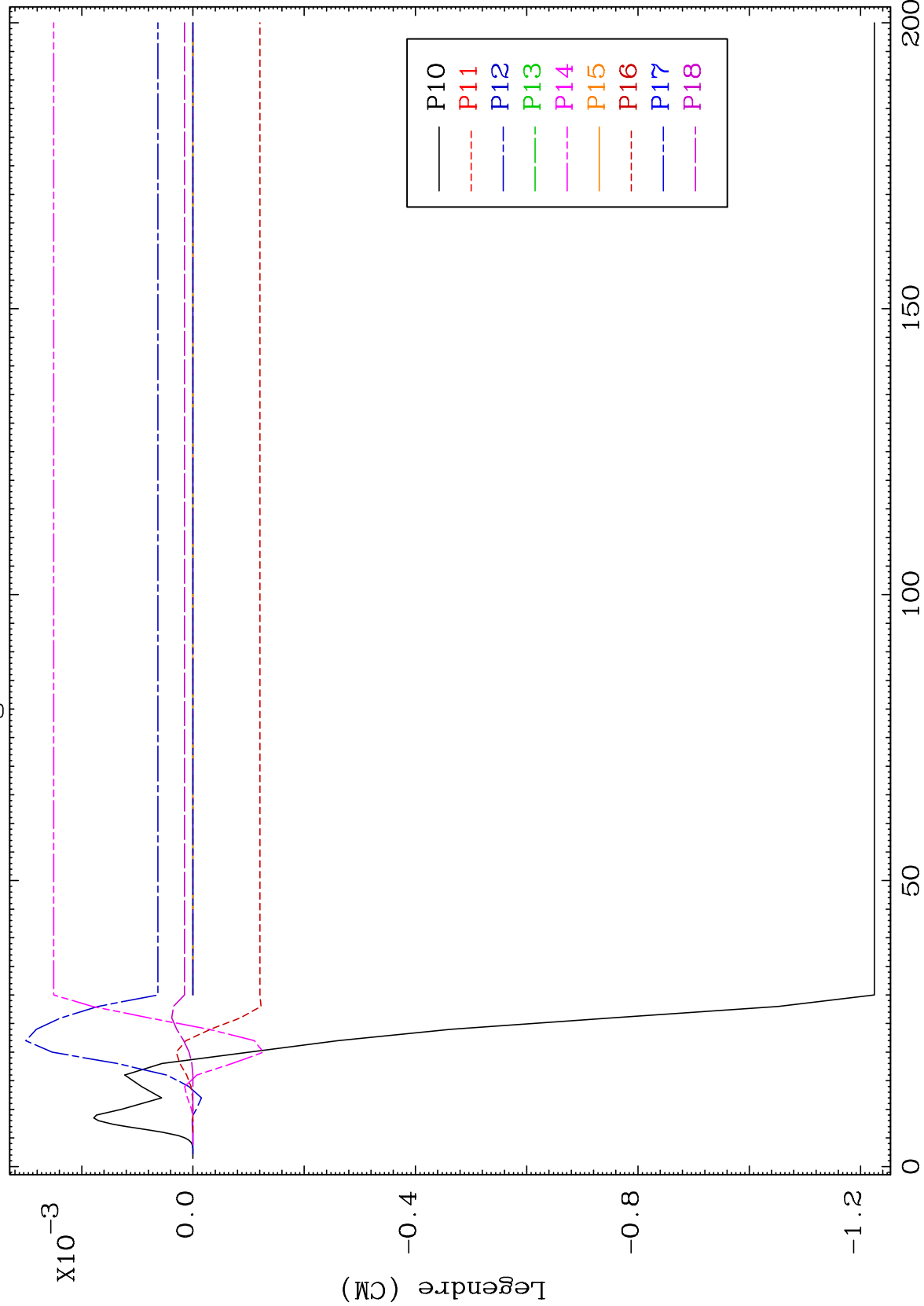




MAT 7067

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

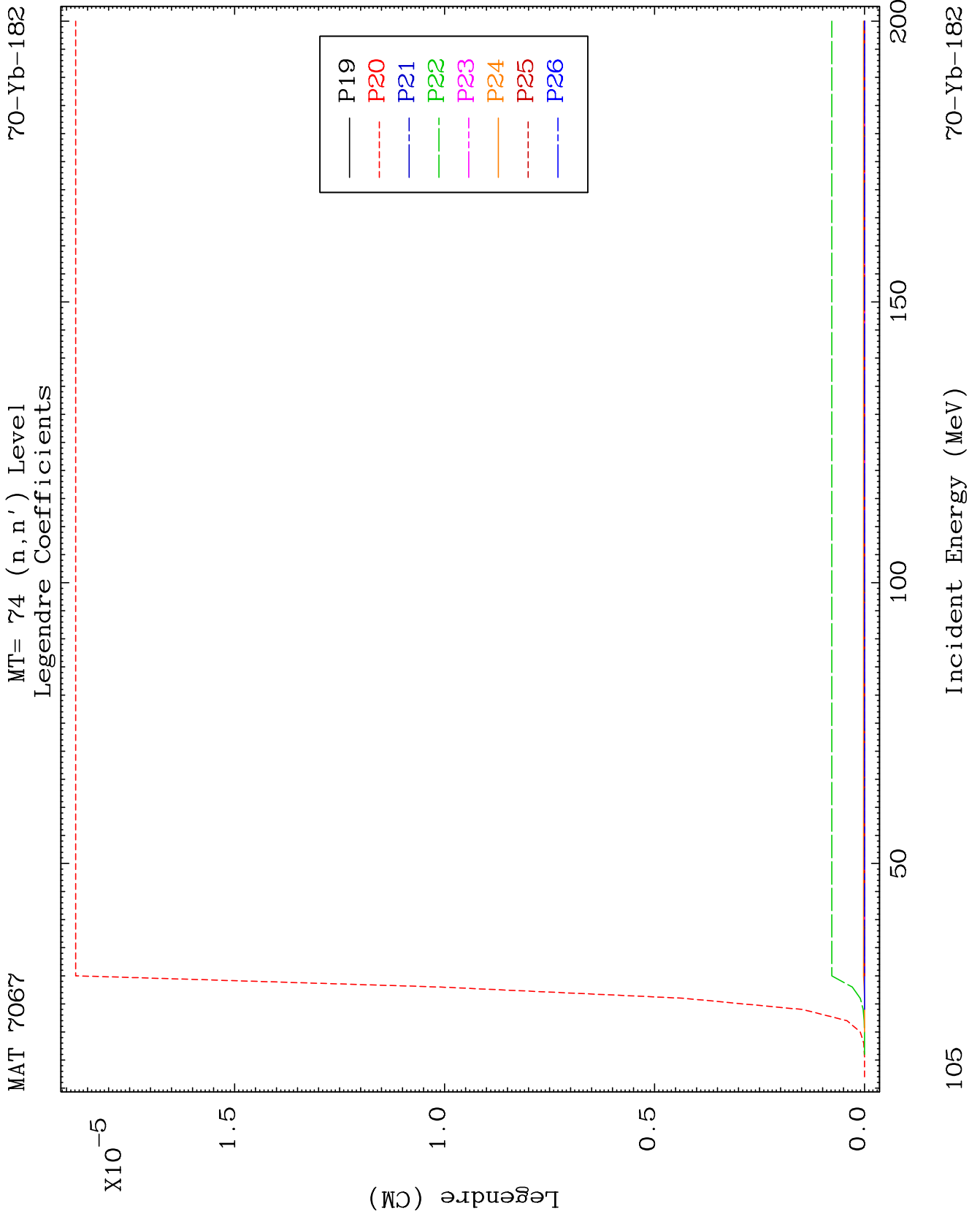
70-Yb-182



104

Incident Energy (MeV)

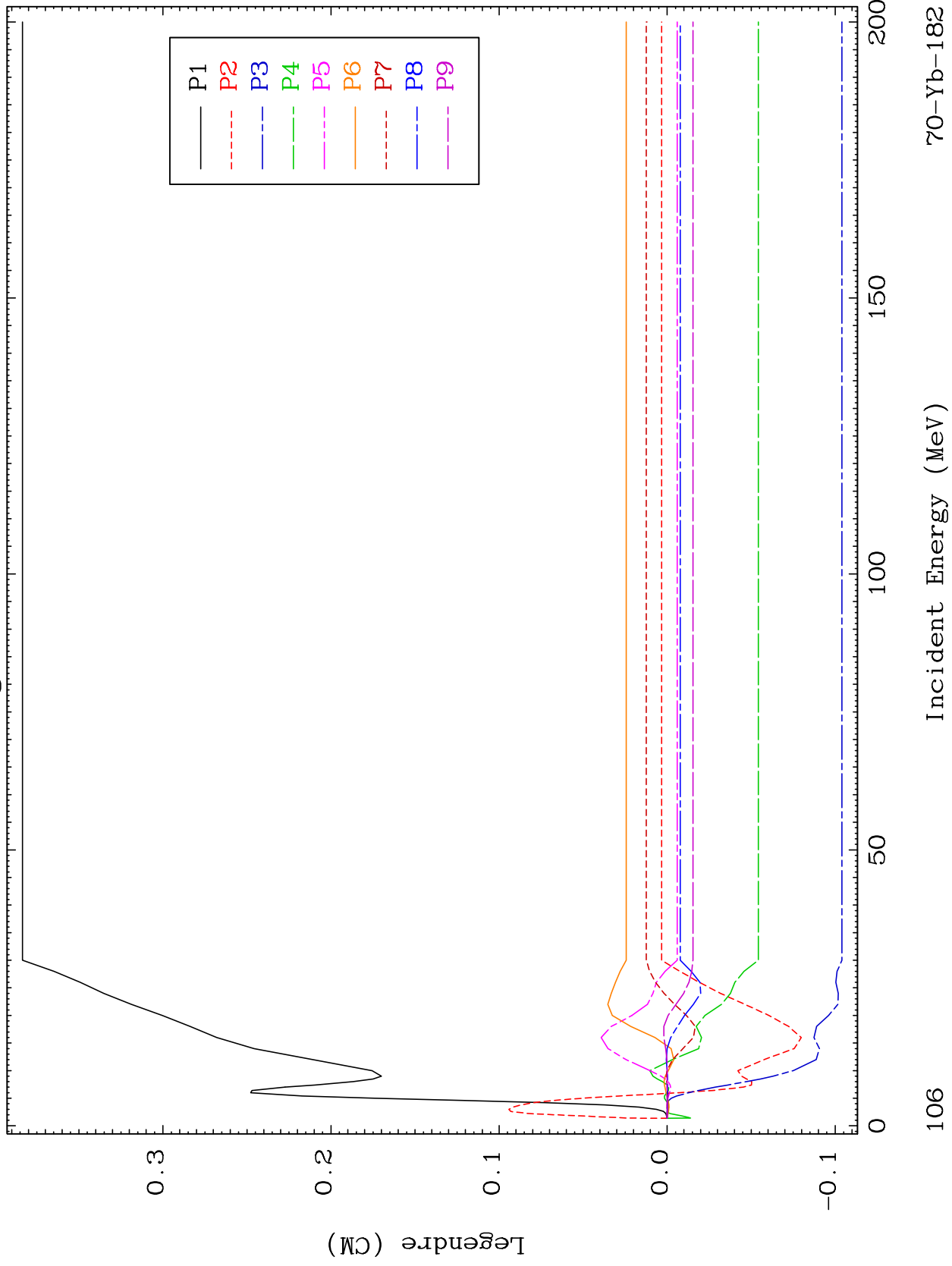
70-Yb-182



MAT 7067

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

70-Yb-182



70-Yb-182

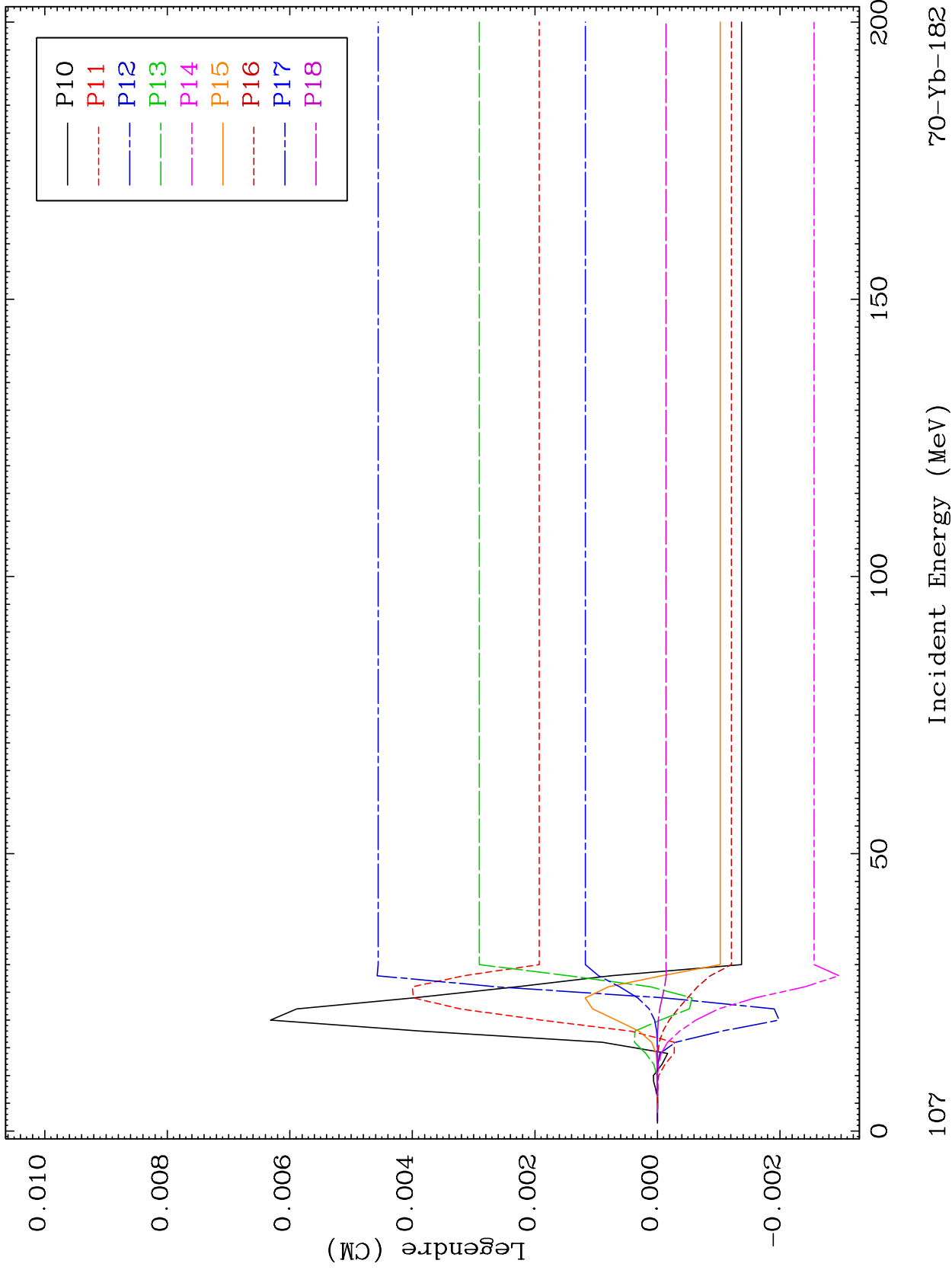
Incident Energy (MeV)

106

MAT 7067

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

70-Yb-182



107

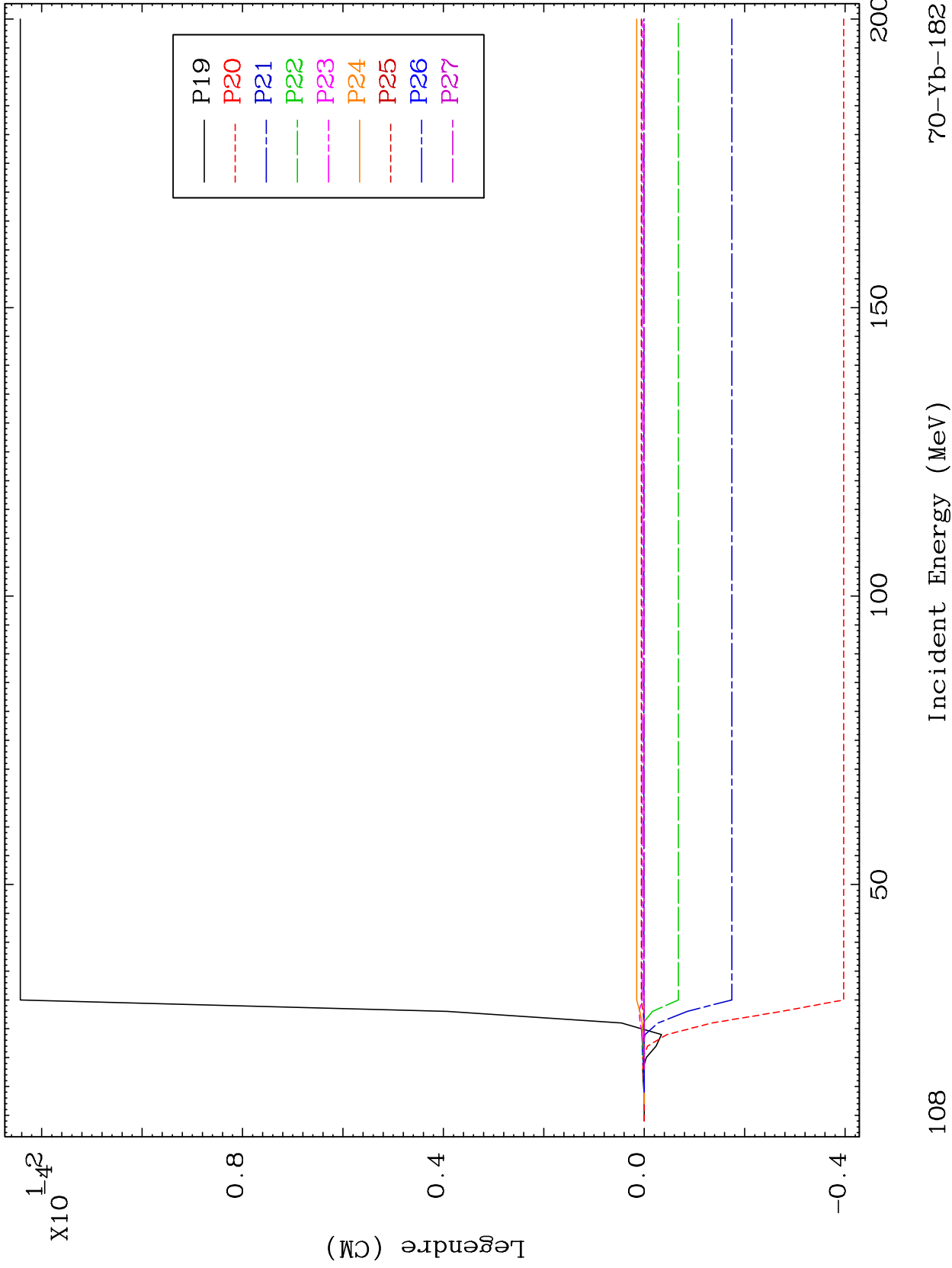
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

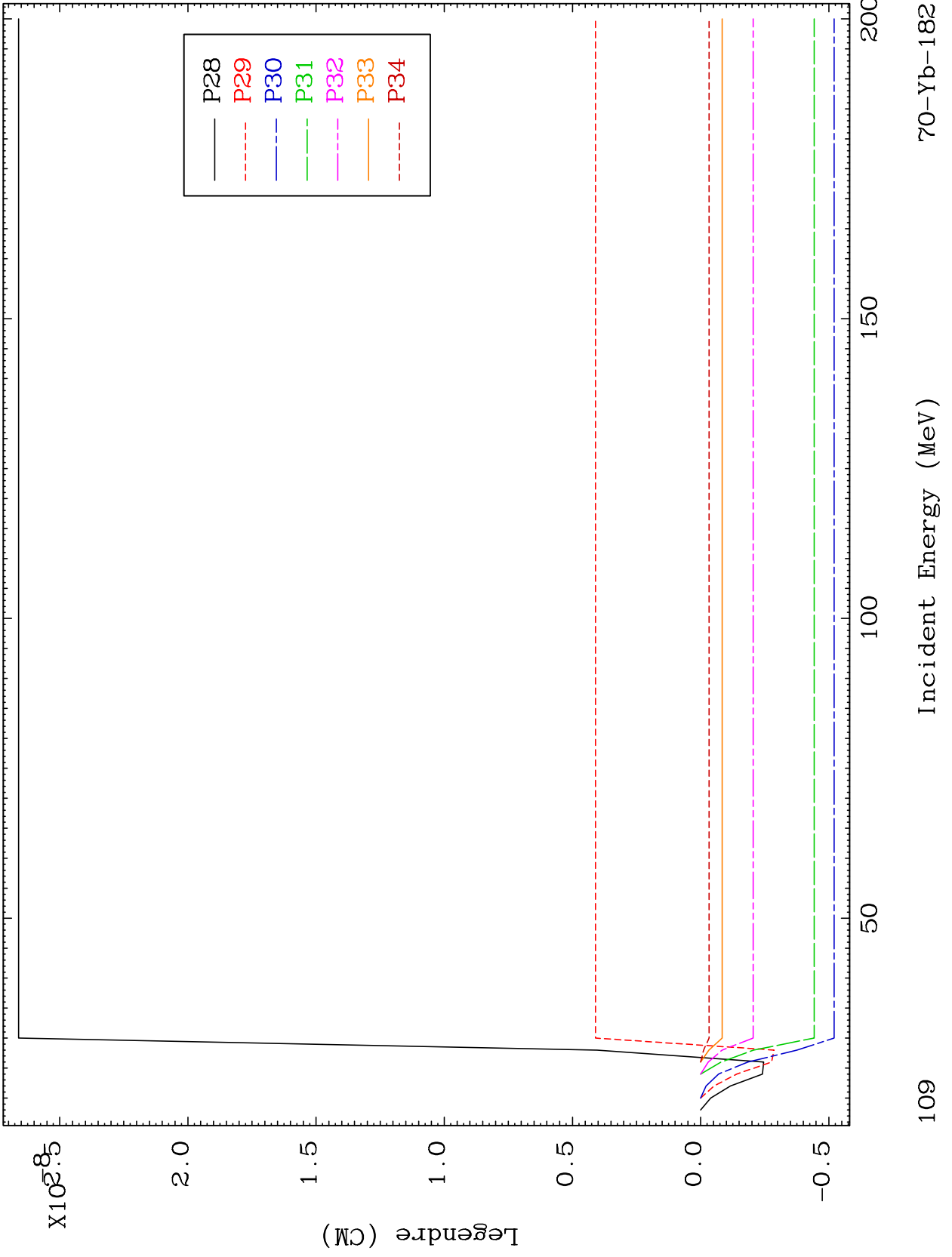
70-Yb-182

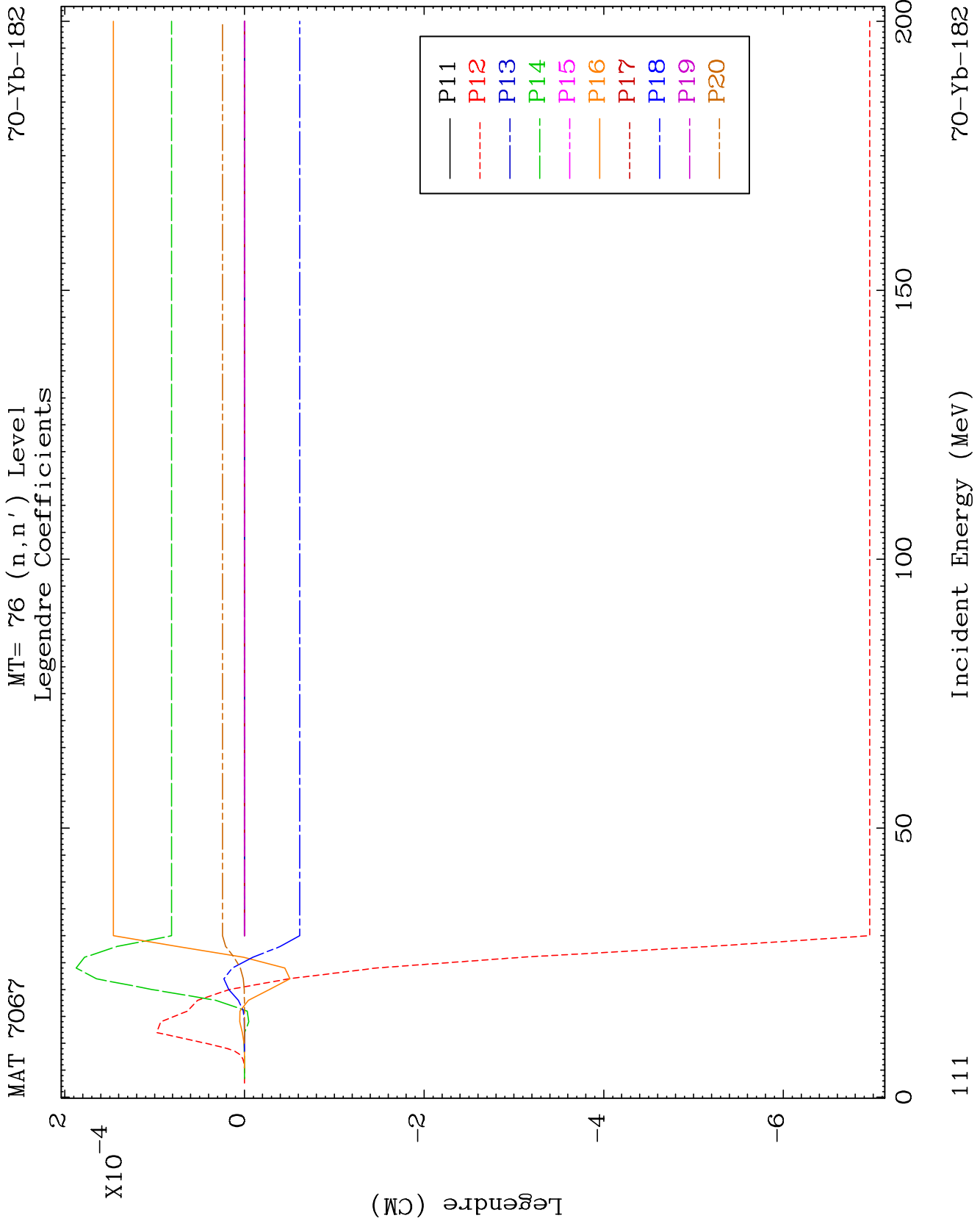


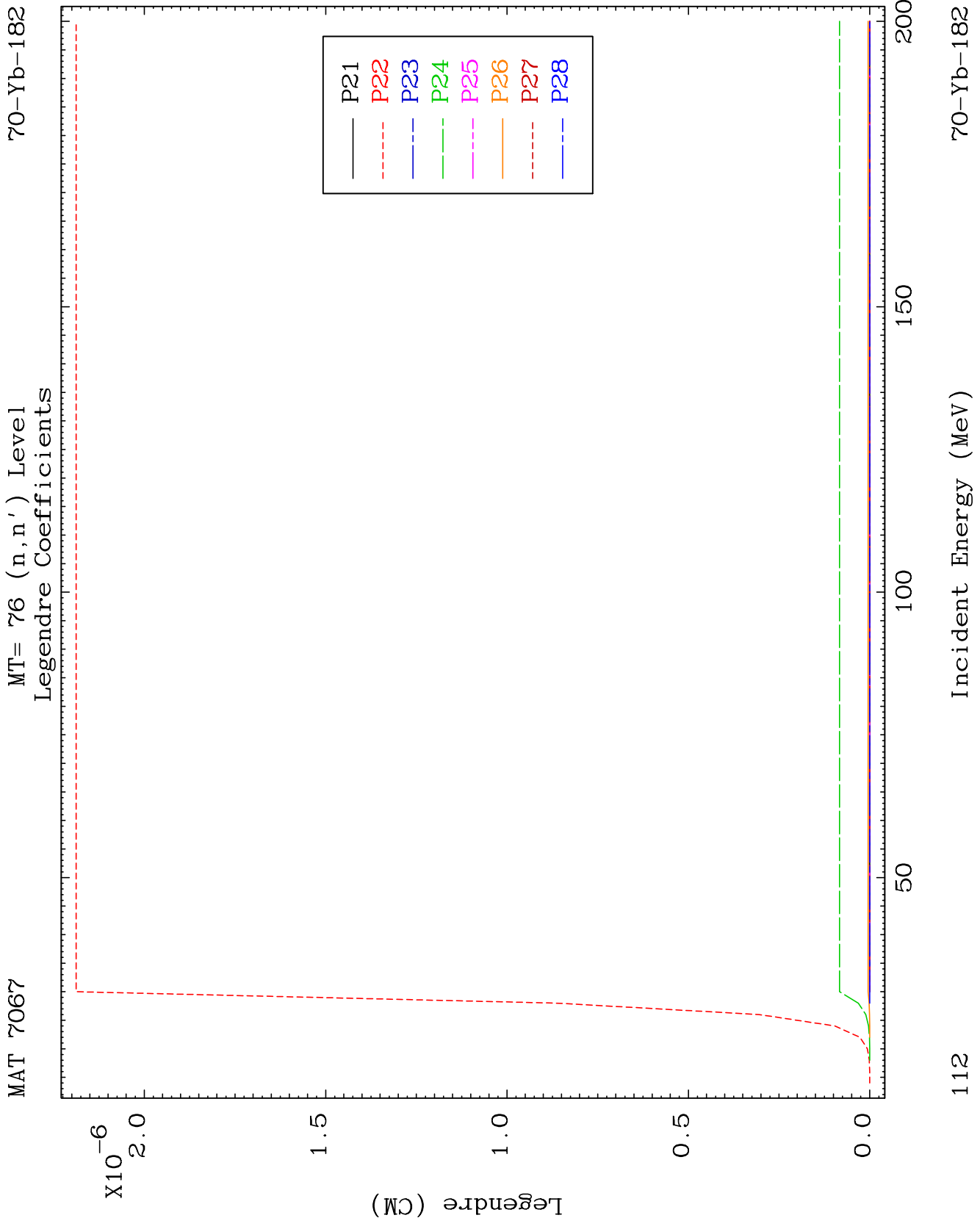
MAT 7067

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

70-Yb-182



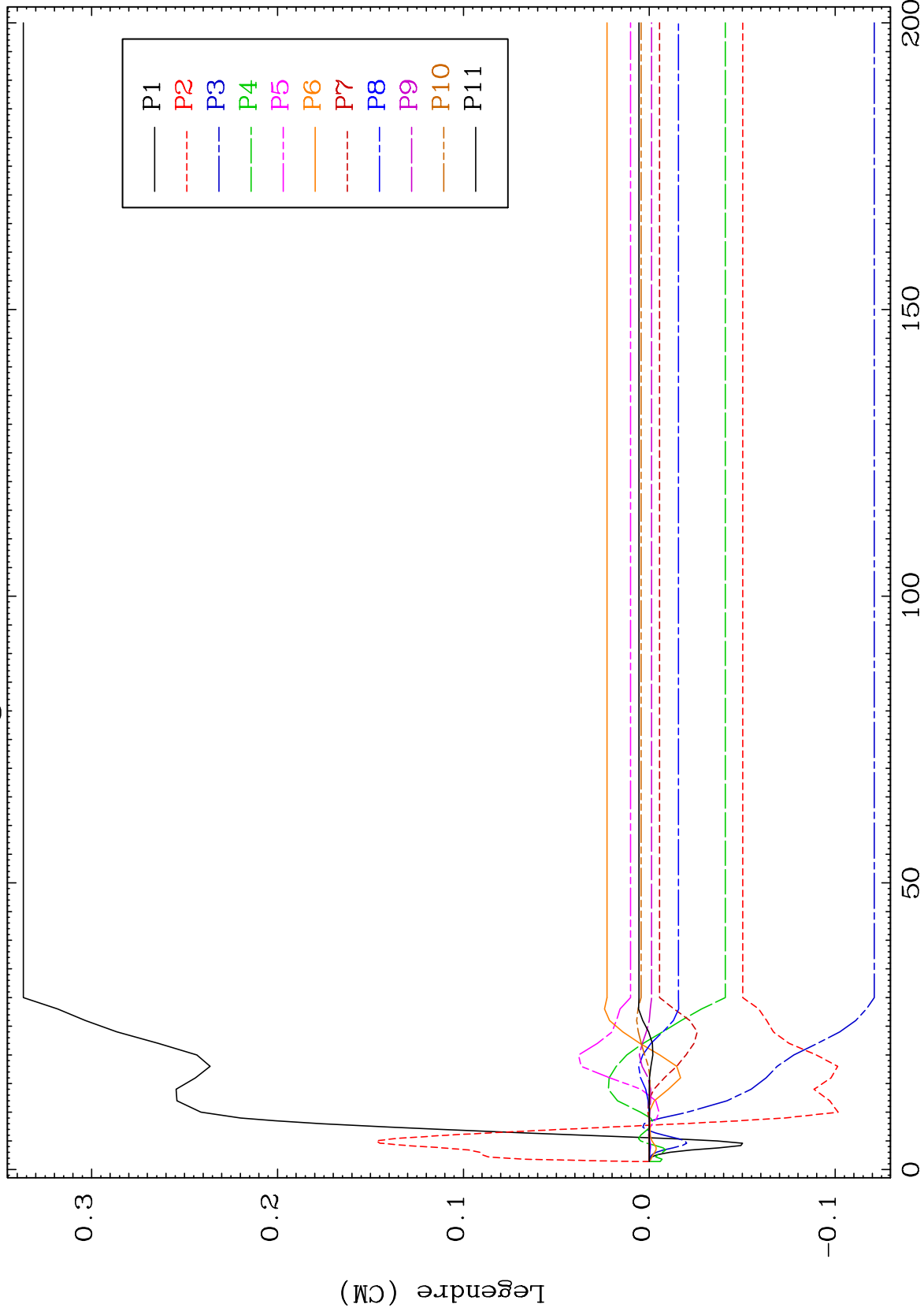




MAT 7067

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

70-Yb-182



113

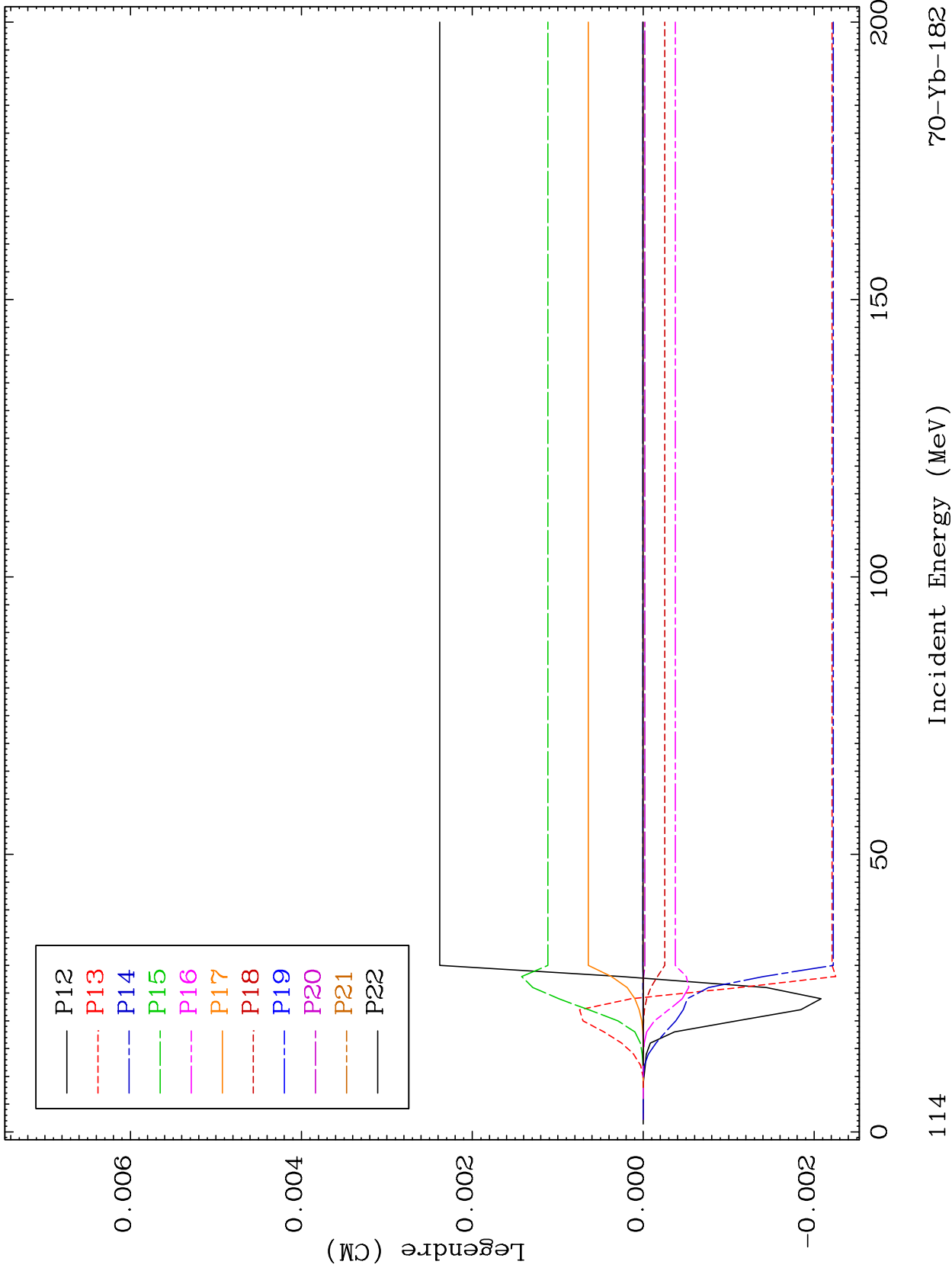
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

70-Yb-182



114

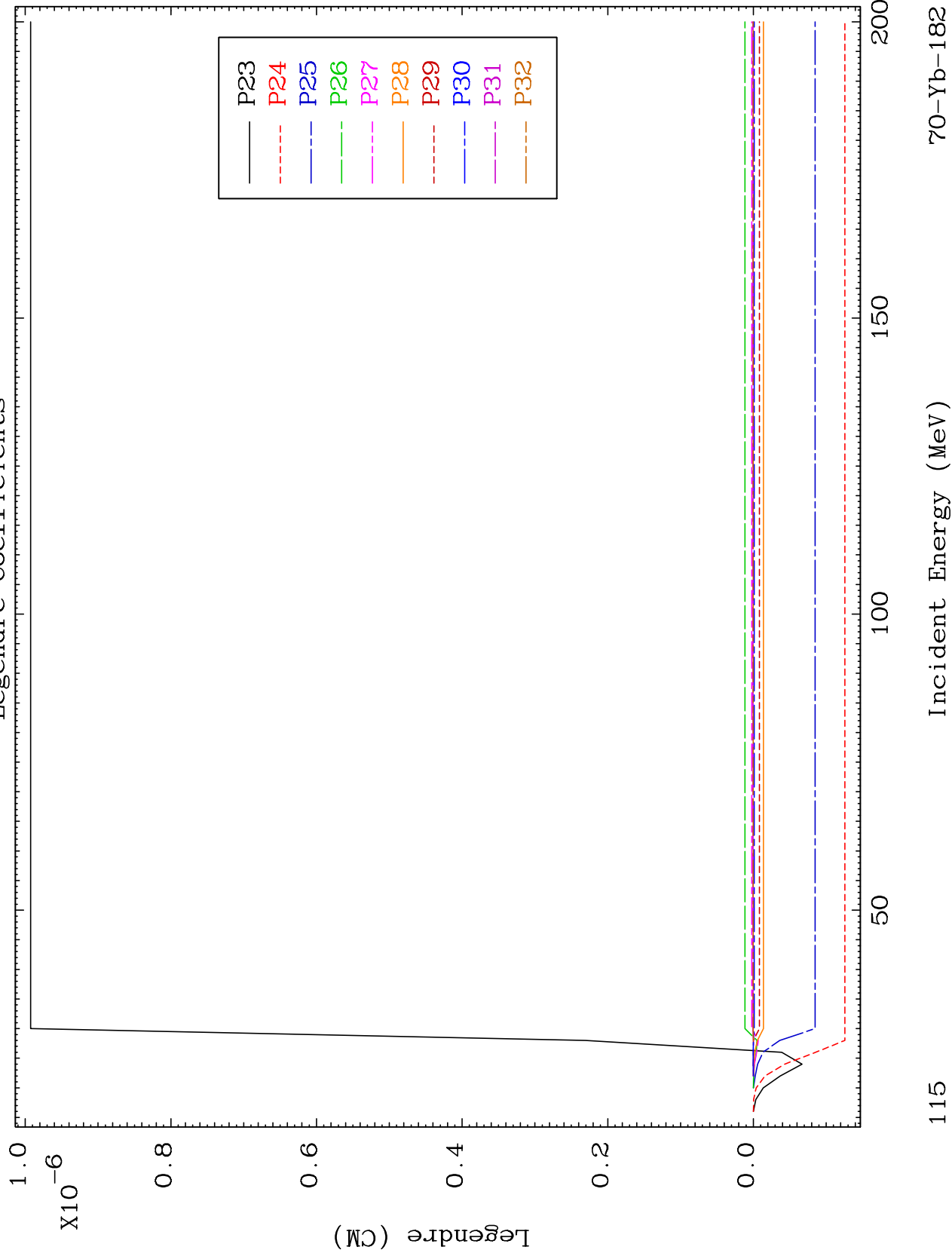
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

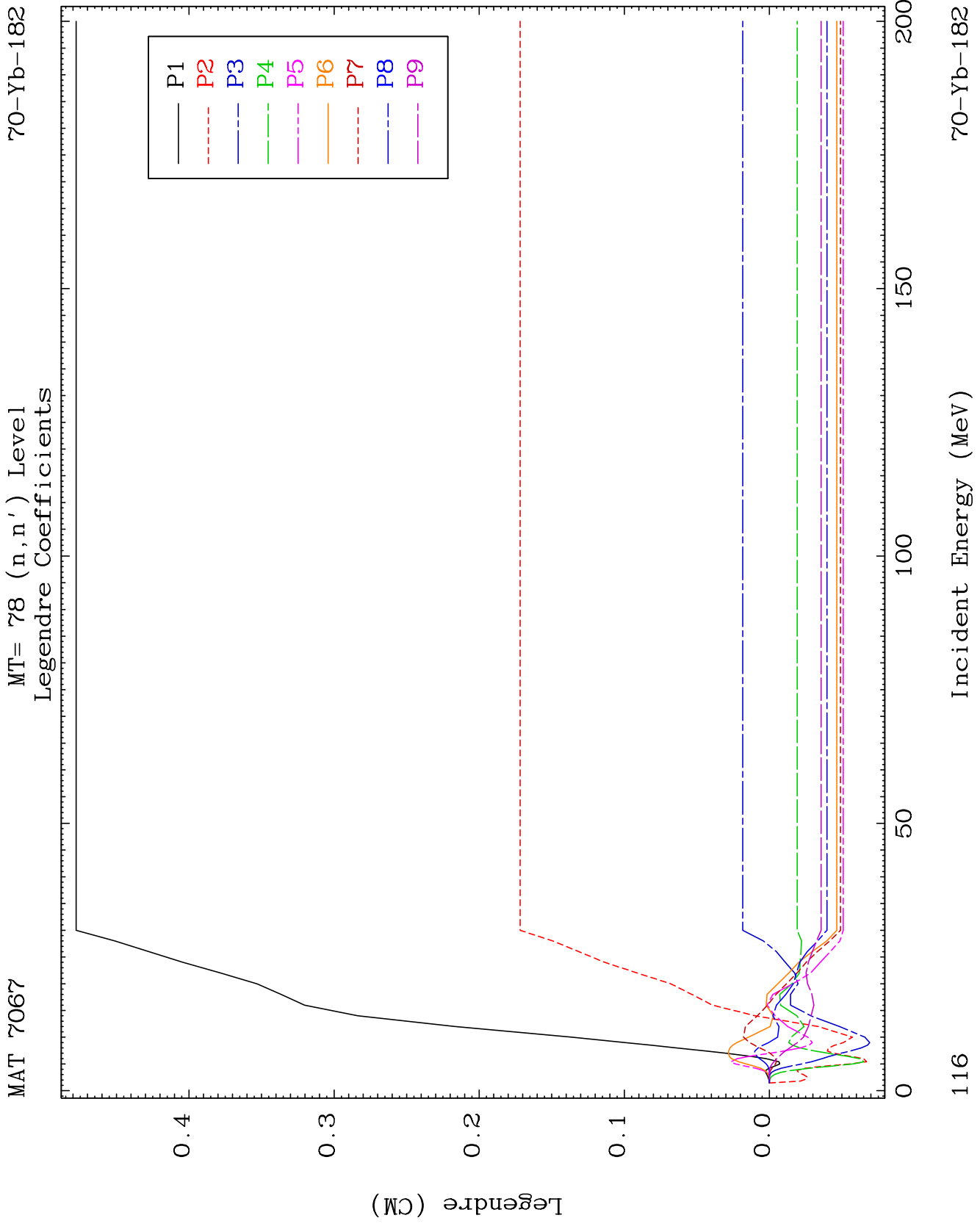
70-Yb-182



115

Incident Energy (MeV)

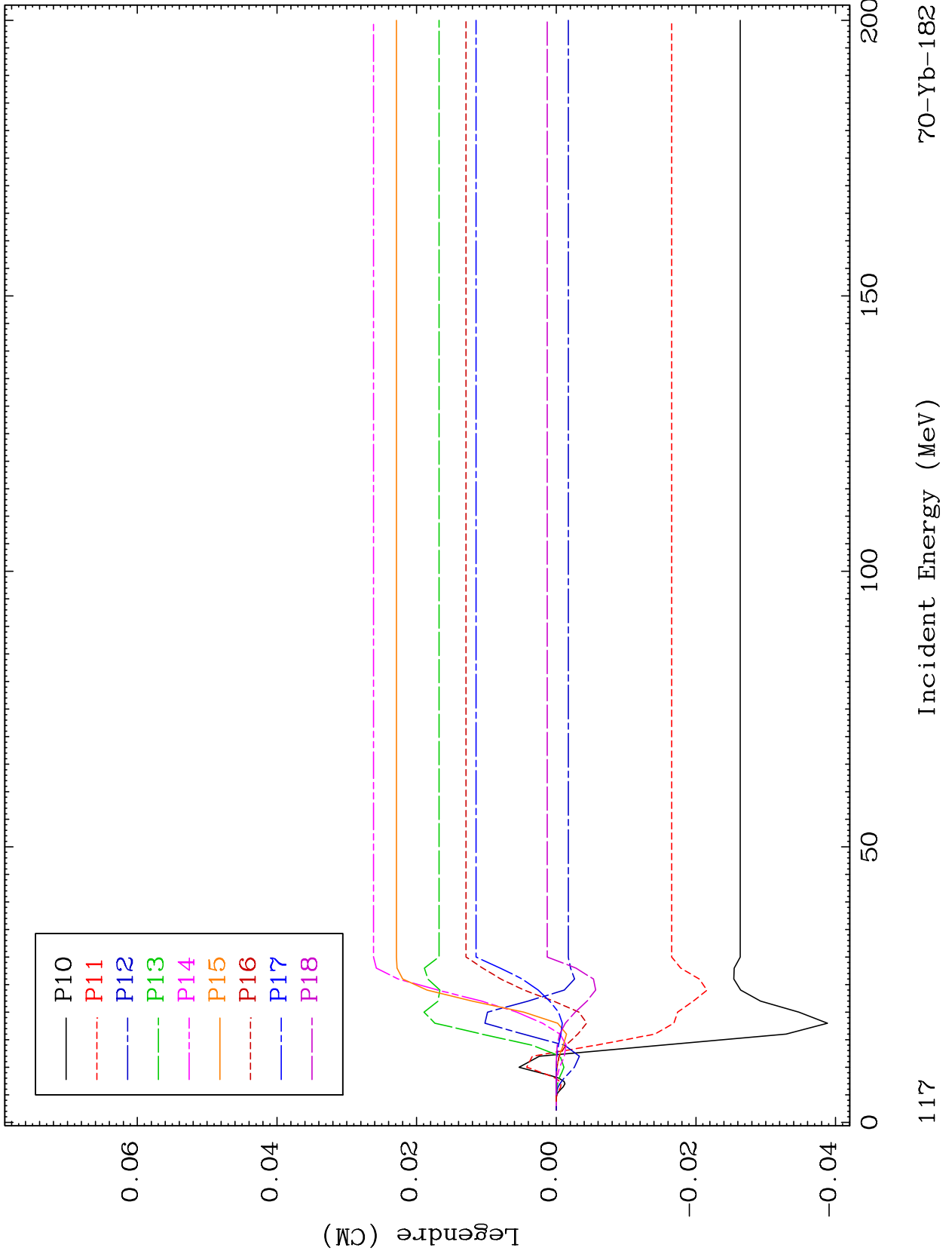
70-Yb-182



MAT 7067

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

70-Yb-182



117

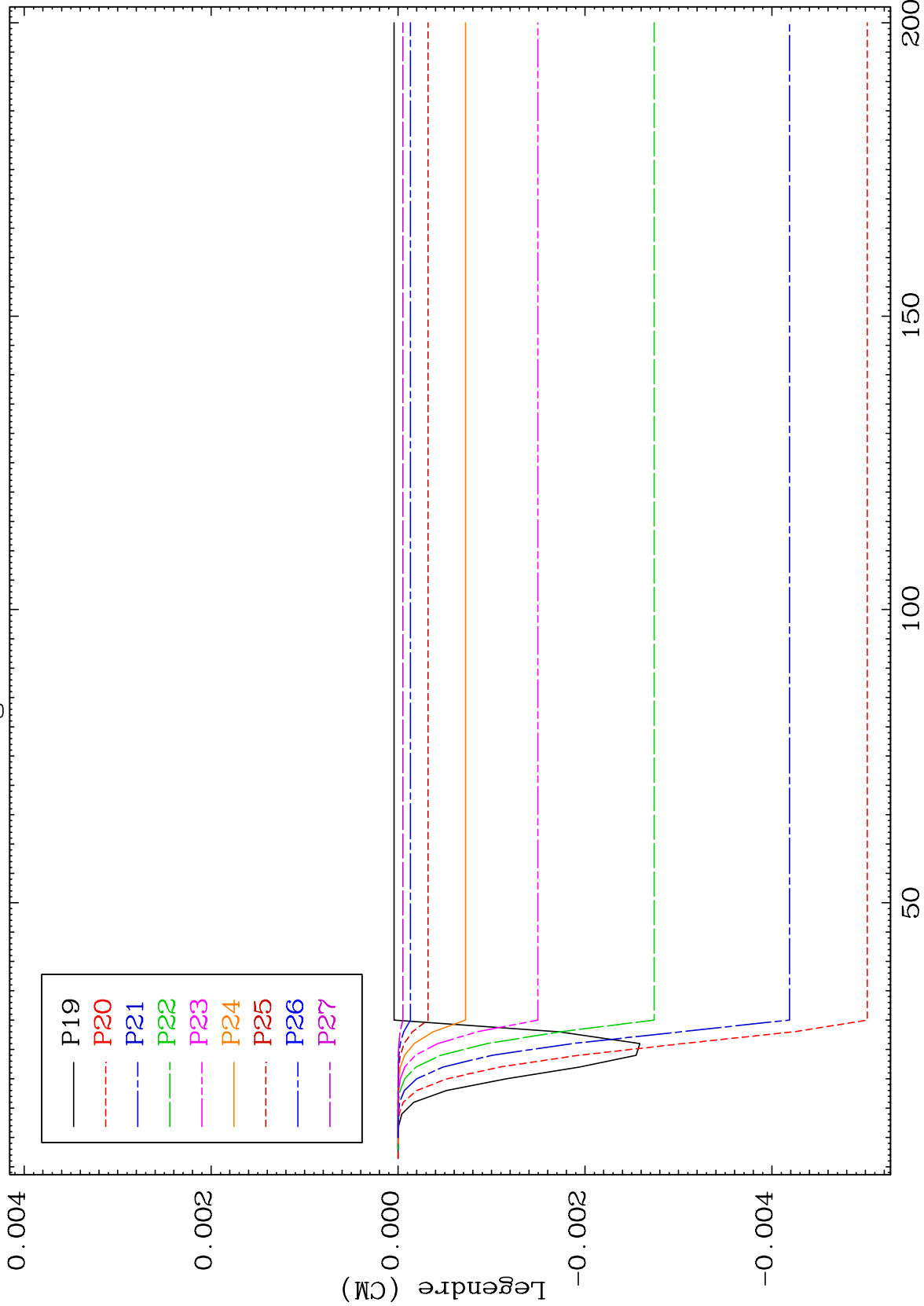
Incident Energy (MeV)

70-Yb-182

MAT 7067

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

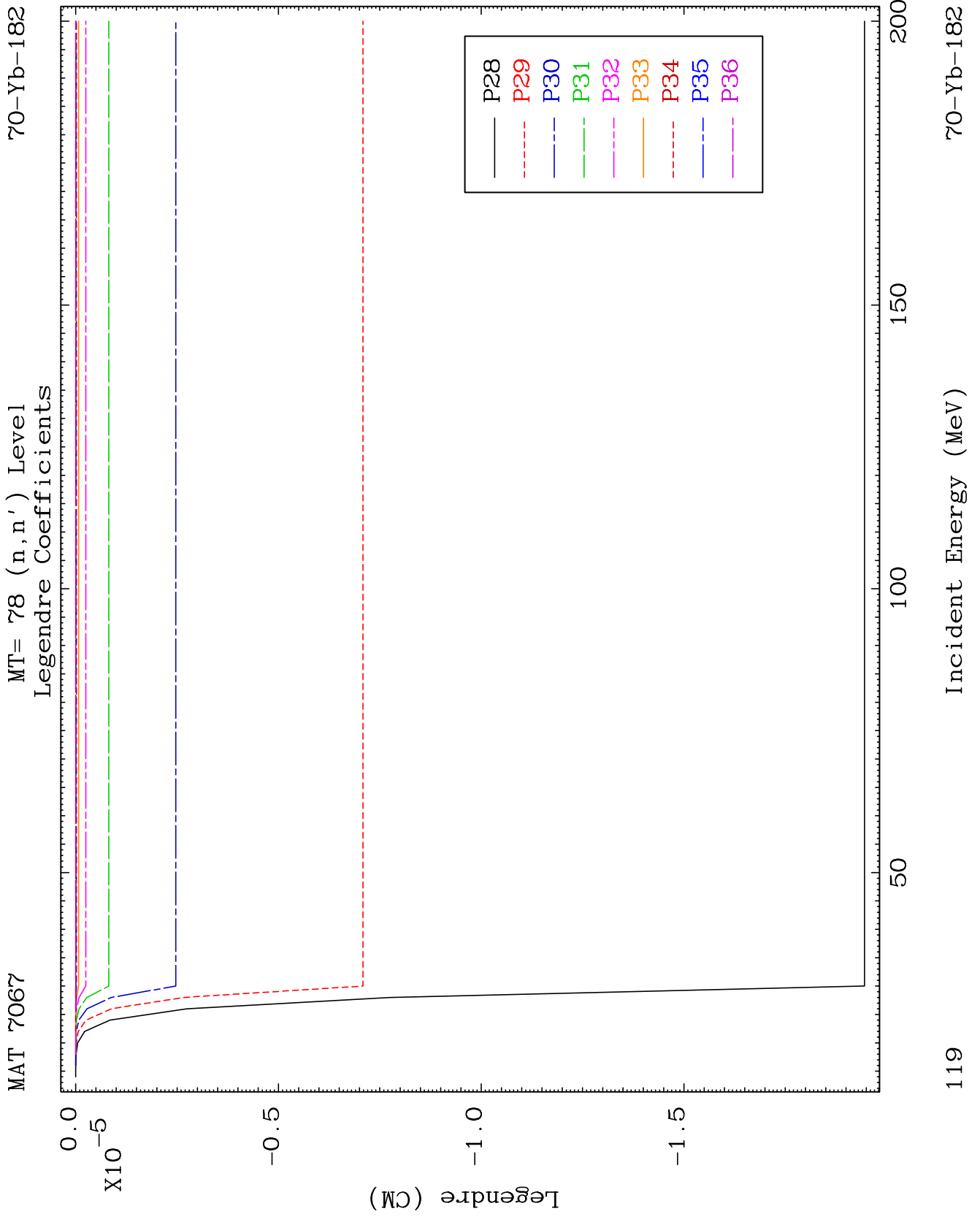
70-Yb-182

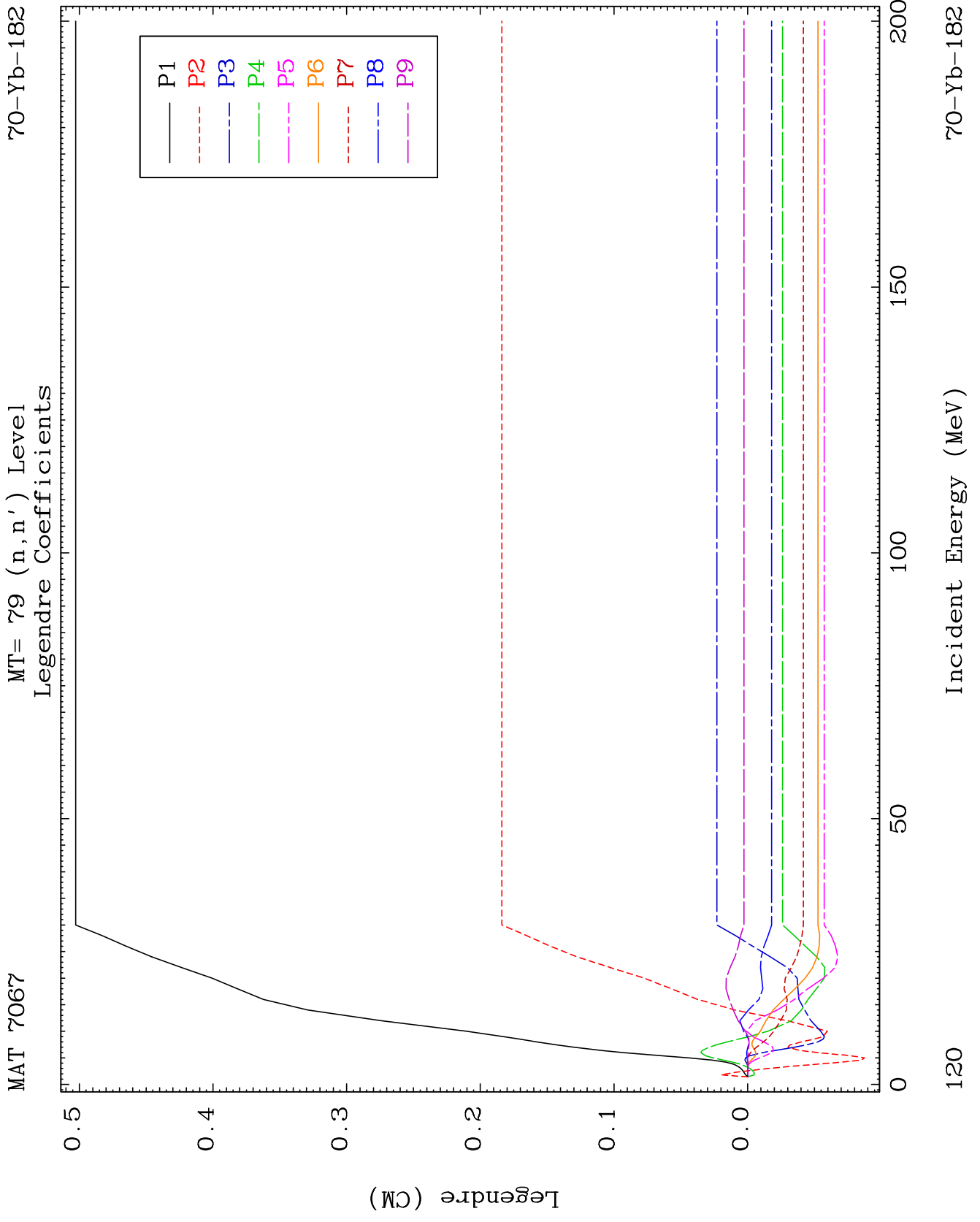


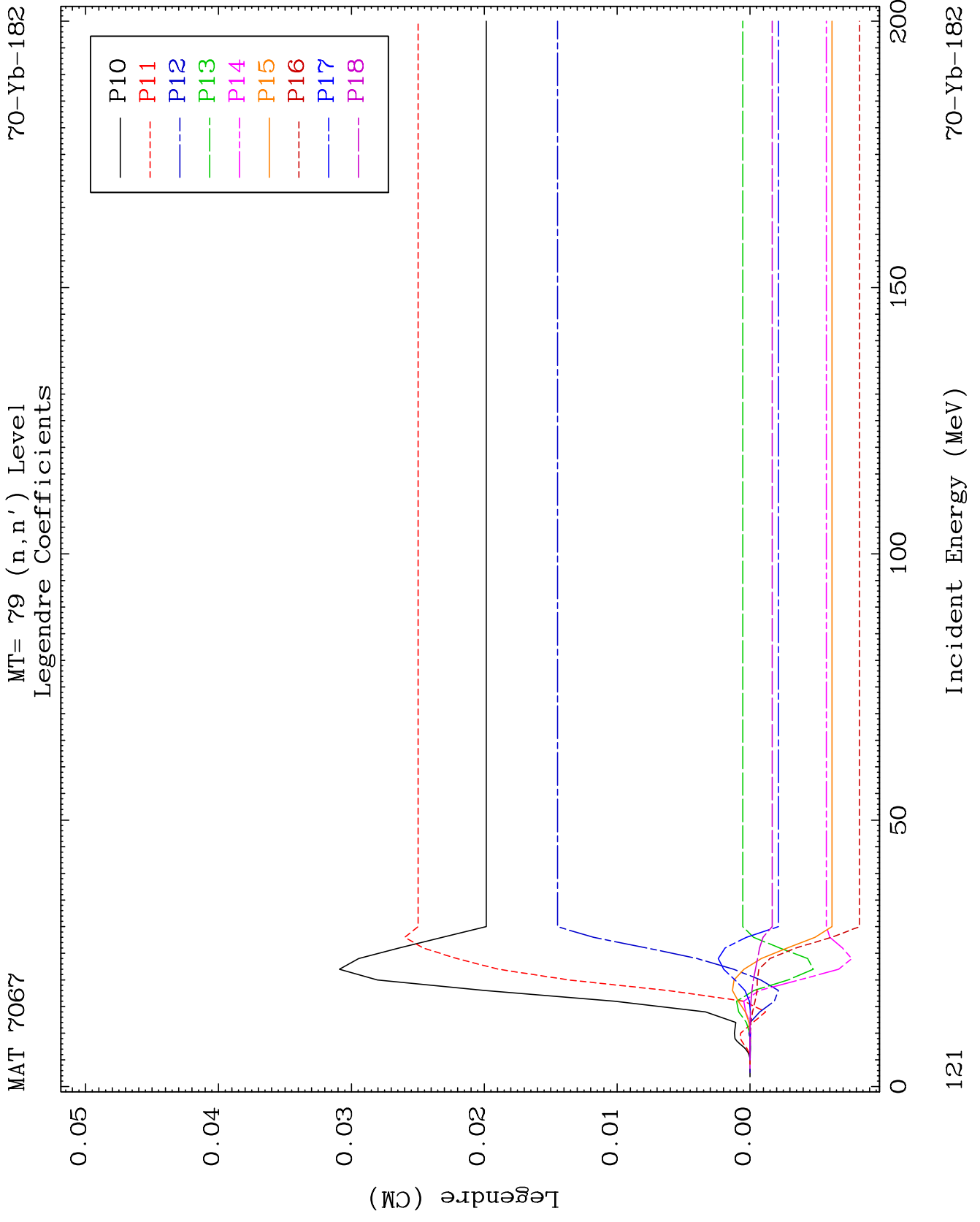
118

Incident Energy (MeV)

70-Yb-182



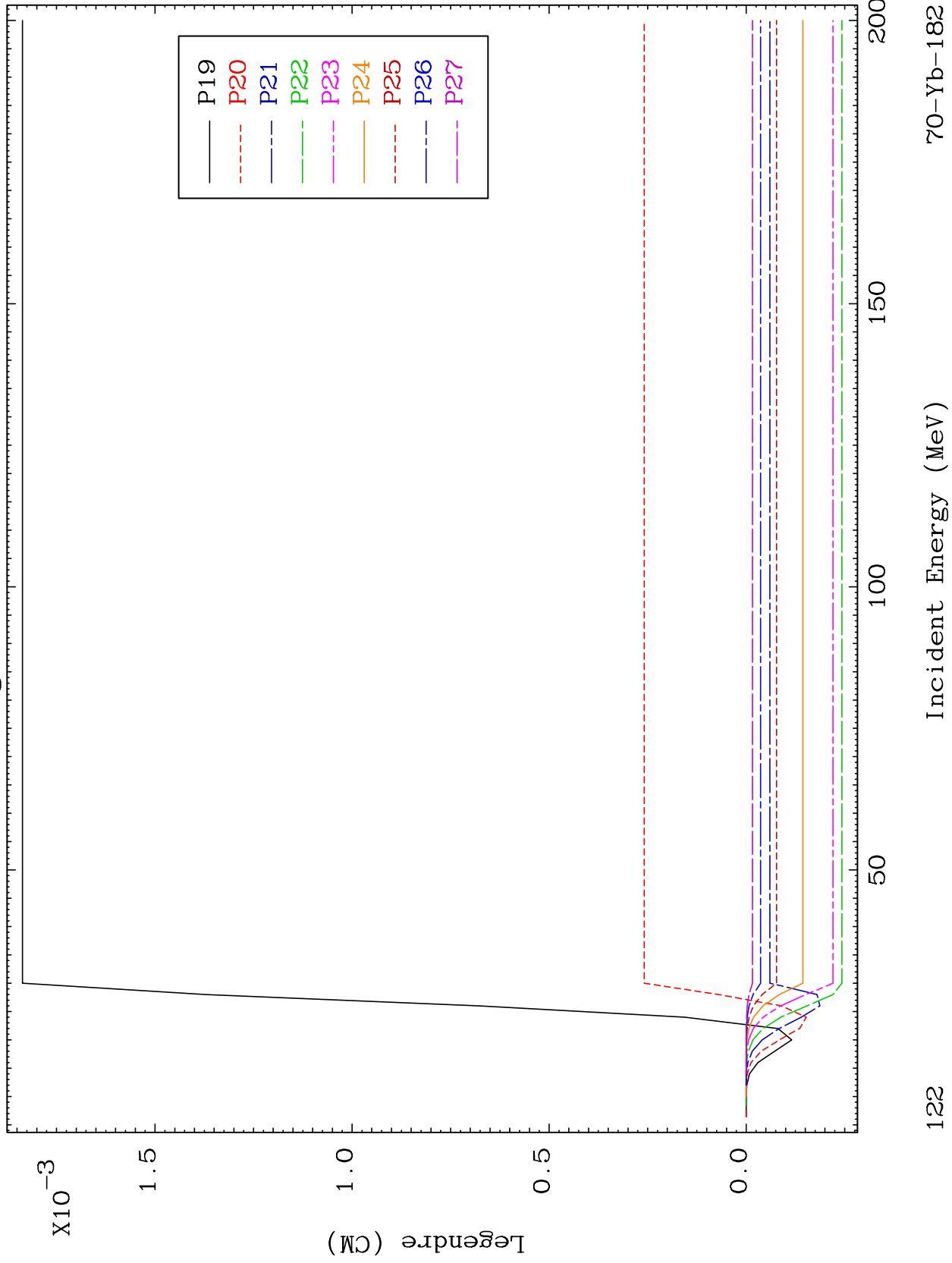


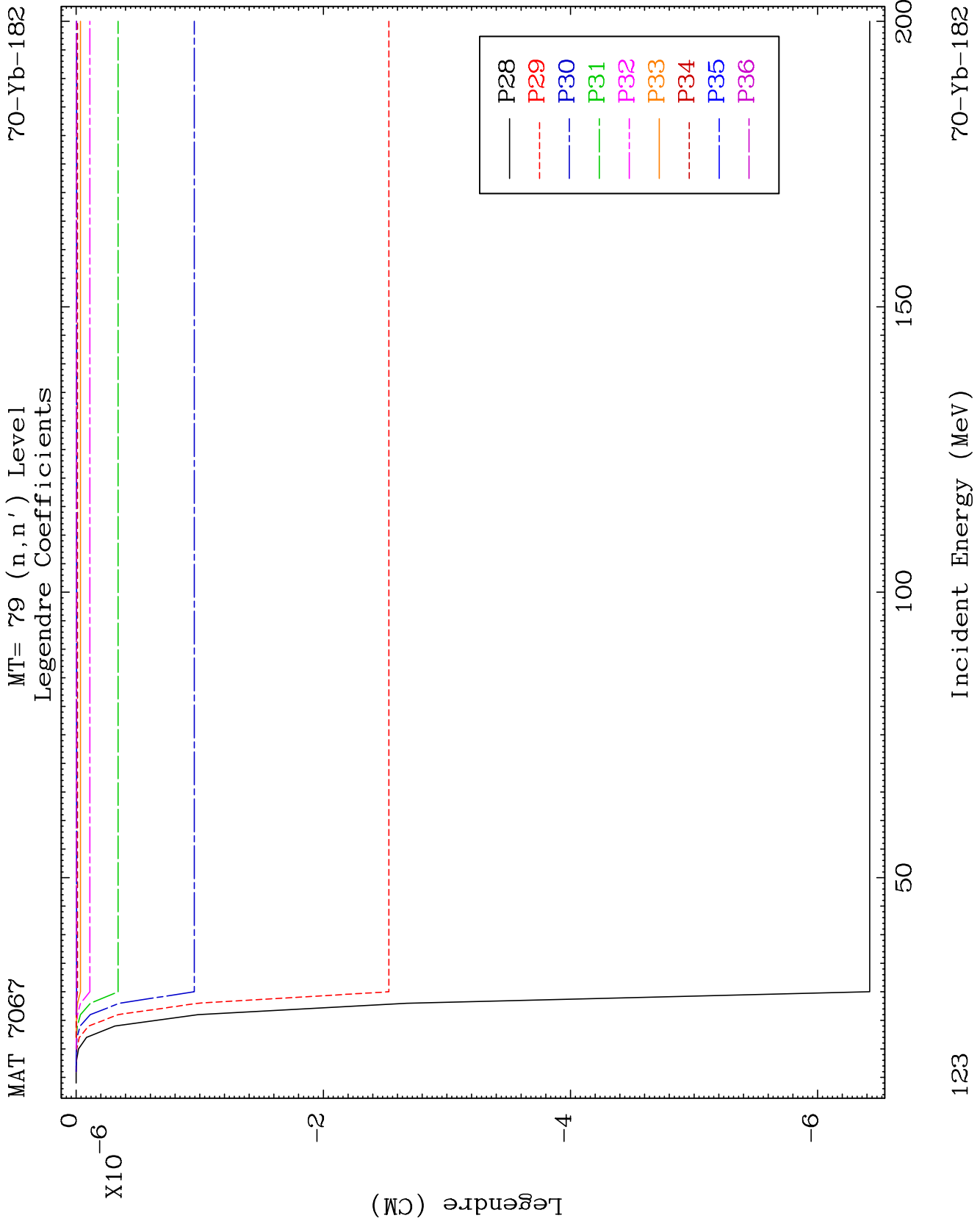


MAT 7067

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

70-Yb-182





MAT 7067

Fission

70-Yb-182

Radionuclide Production Cross Section

