

Program EVALPLOT
(Version 2017-1)

by

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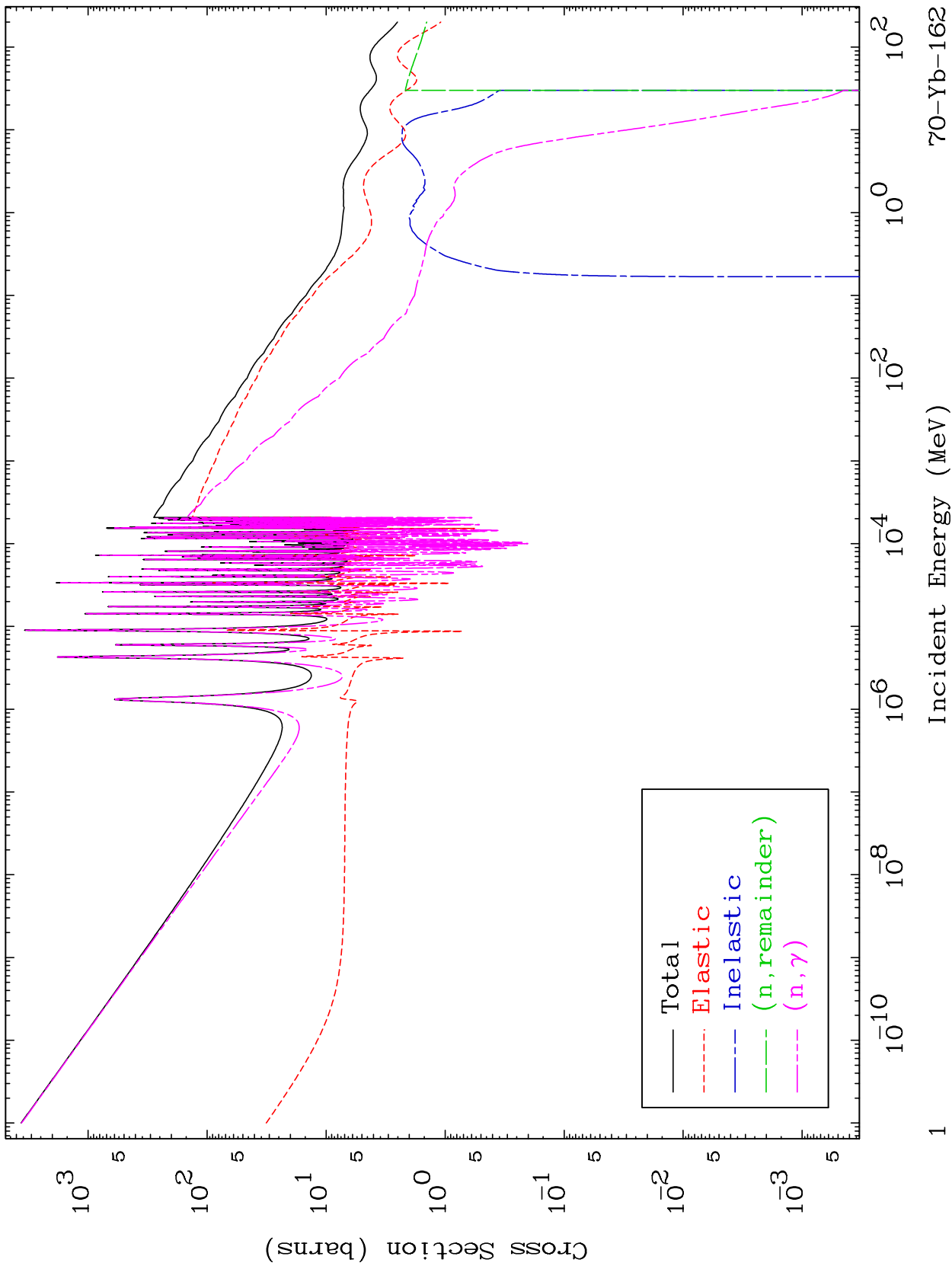
Press Mouse Button to Start

MAT 7007

Major

293 Kelvin Cross Sections

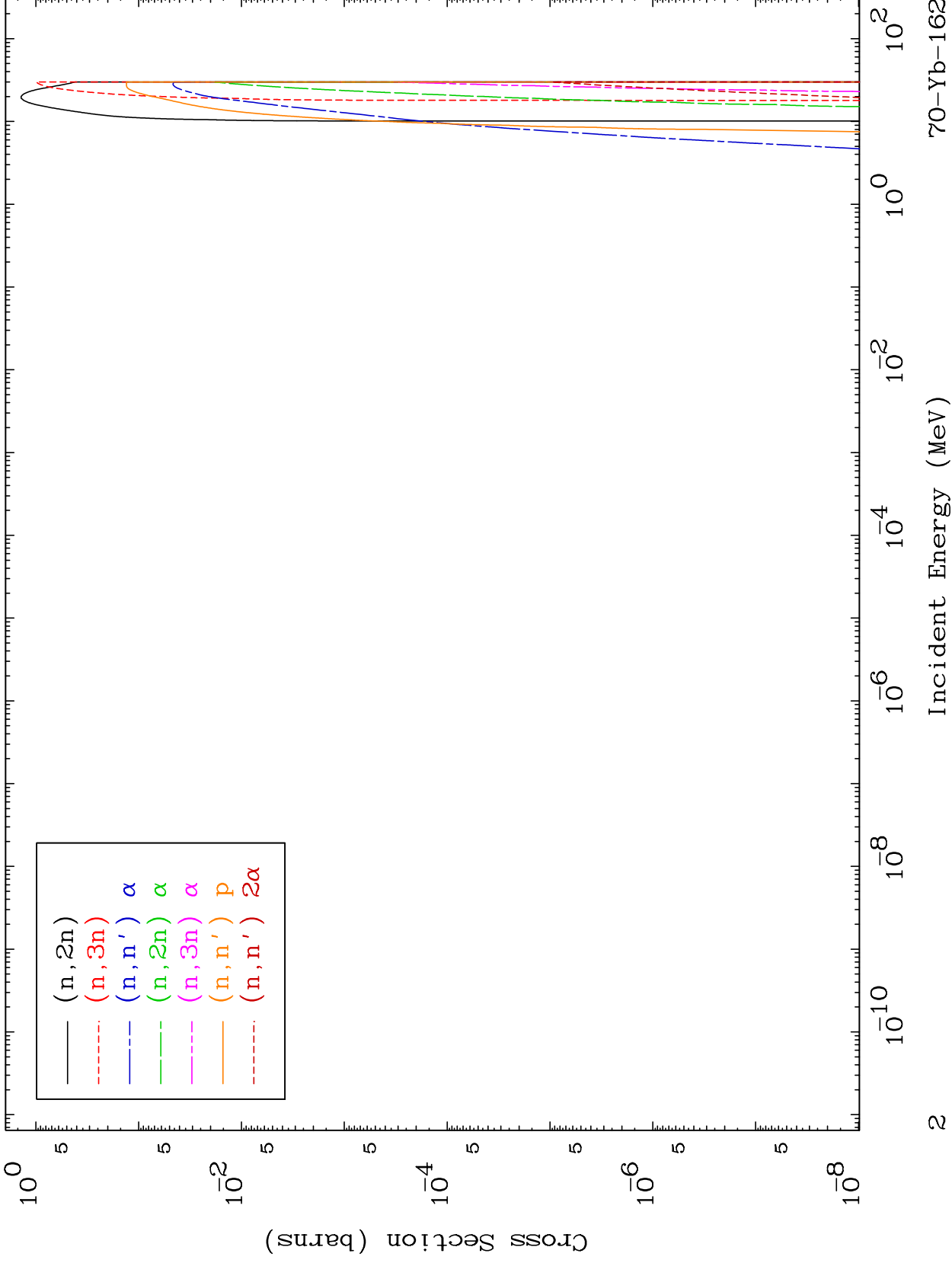
70-Yb-162

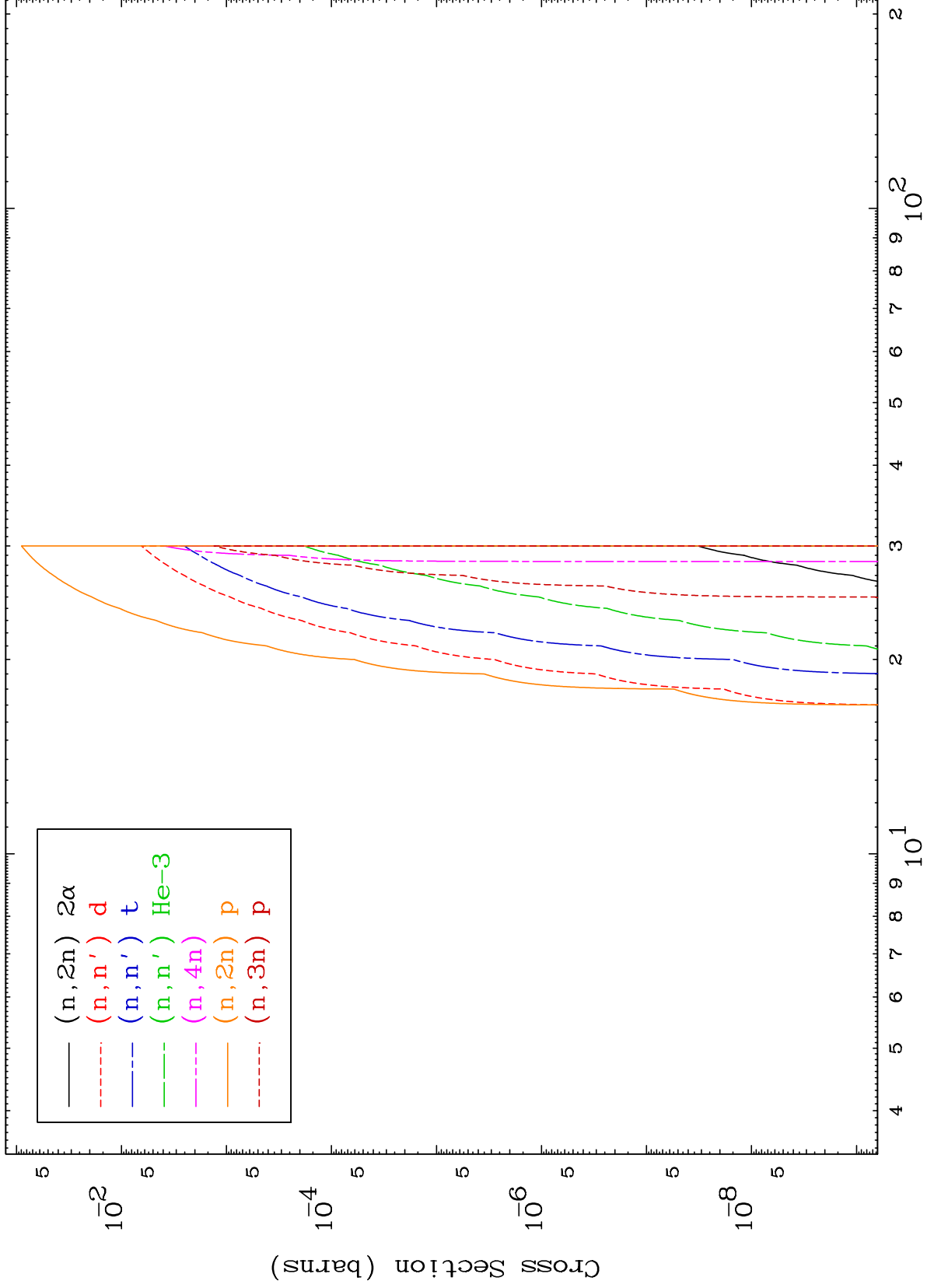


MAT 7007

Neutron Production
293 Kelvin Cross Sections

70-Yb-162

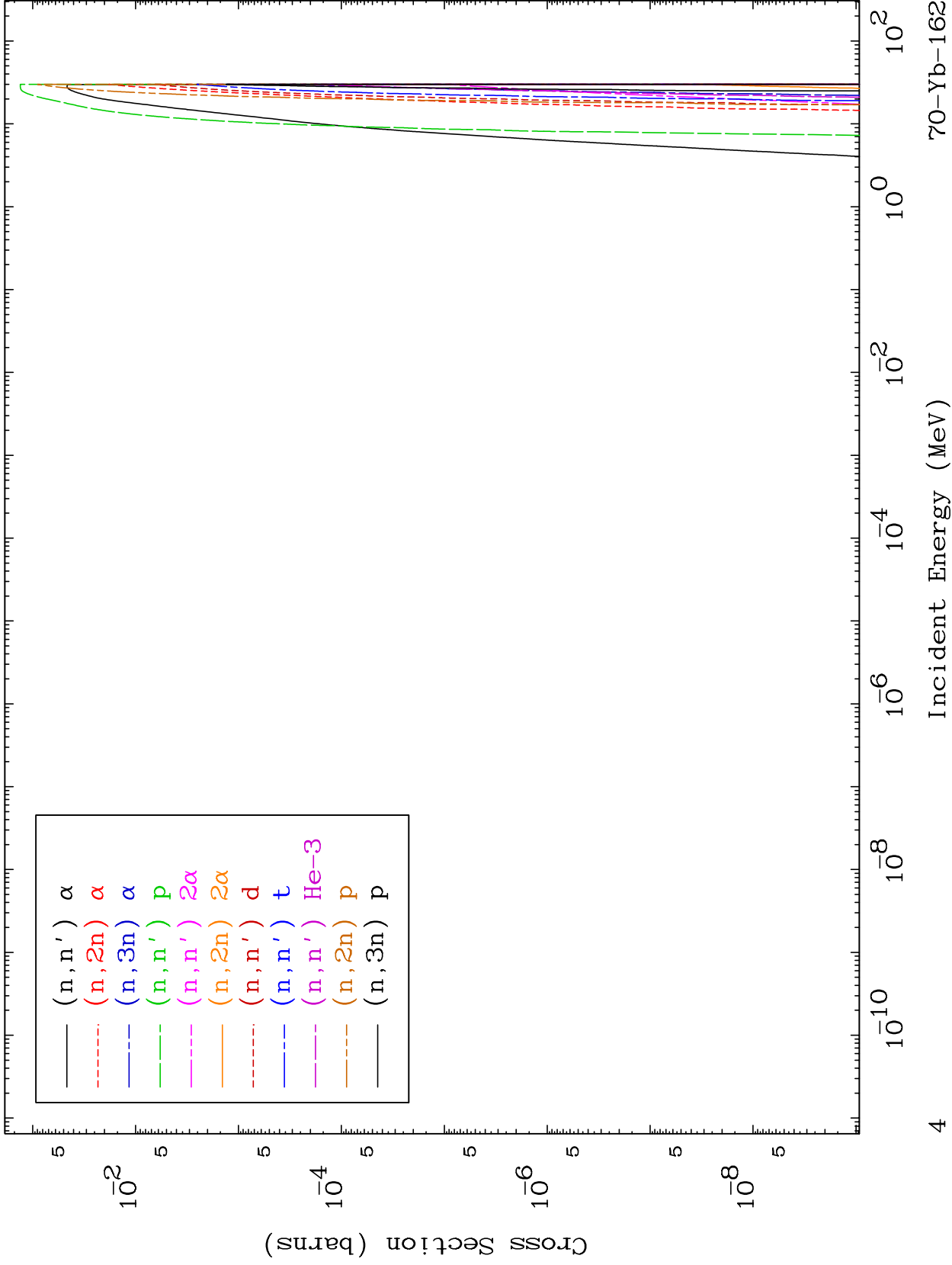




MAT 7007

Charged Particle
293 Kelvin Cross Sections

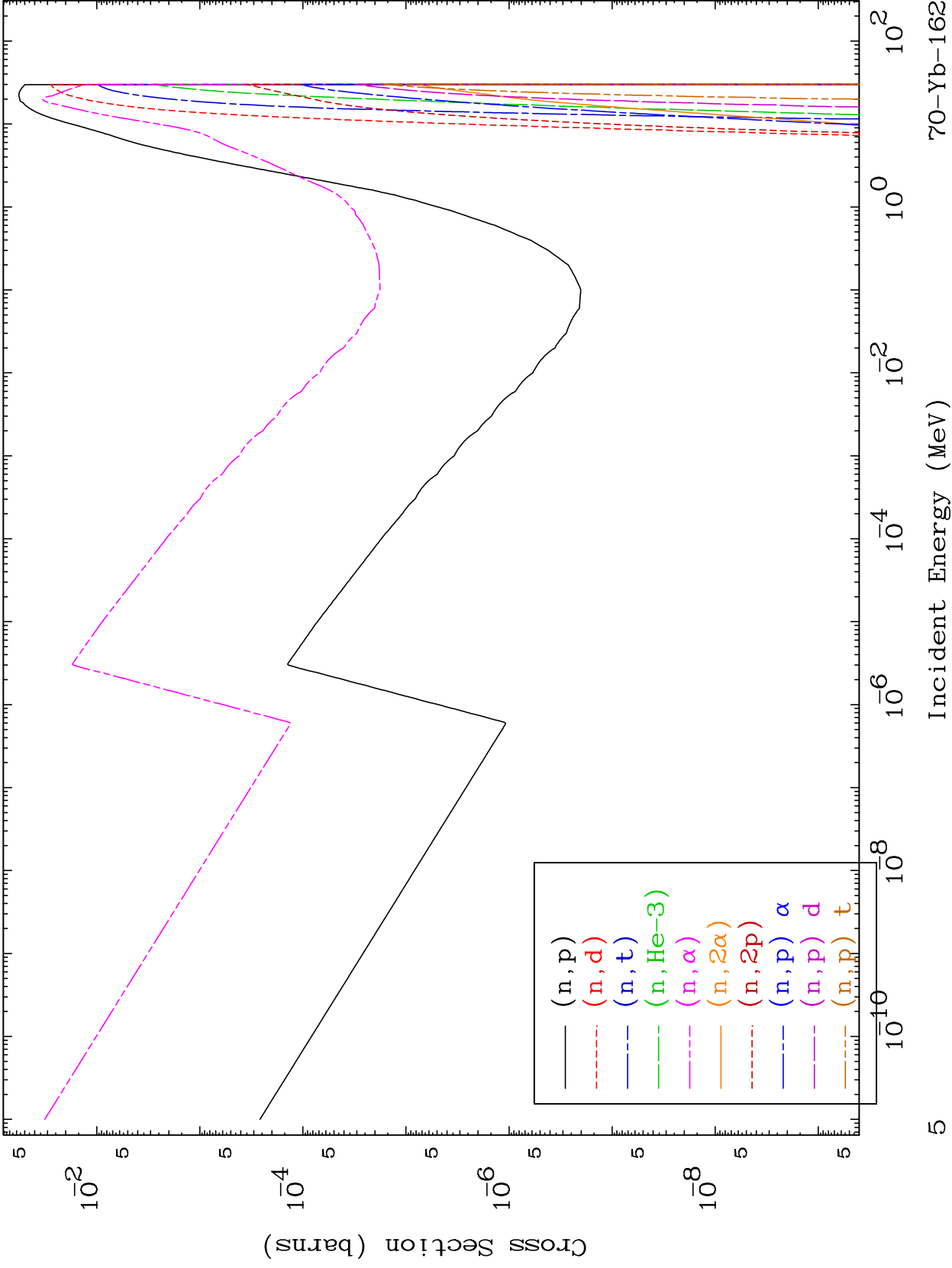
70-Yb-162

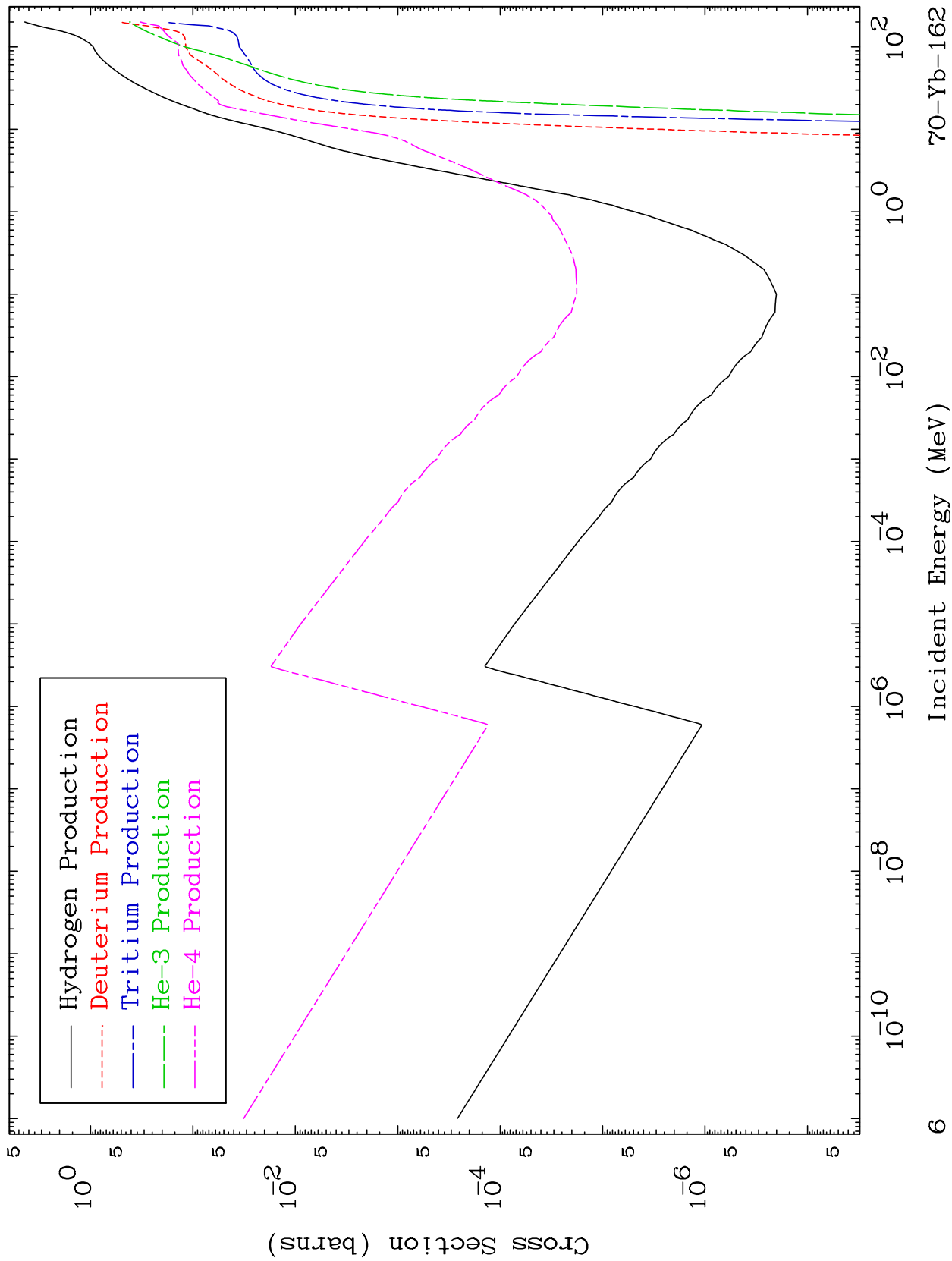


MAT 7007

Charged Particle
293 Kelvin Cross Sections

70-Yb-162



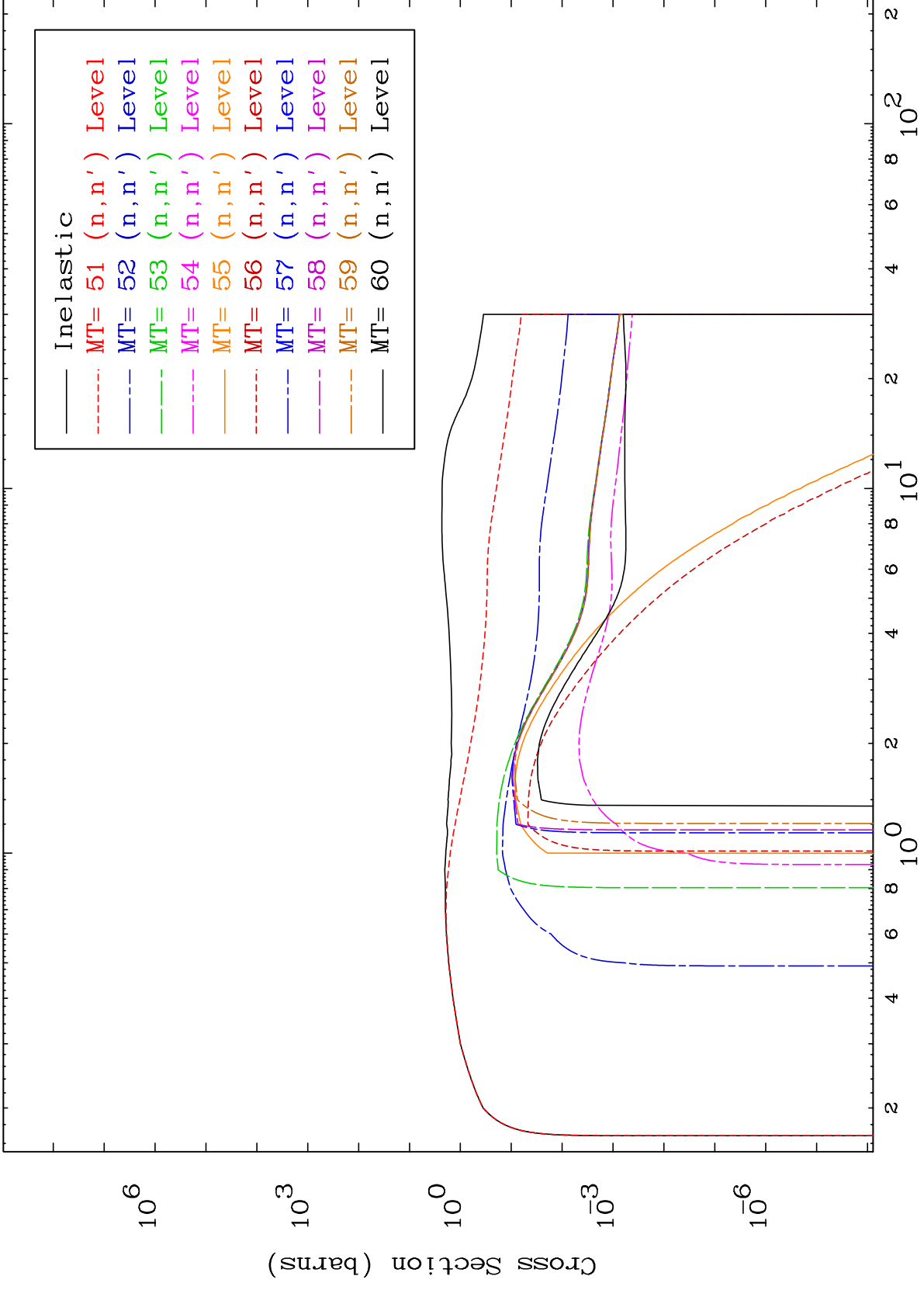


MAT 7007

(n,n') Level

70-Yb-162

293 Kelvin Cross Sections

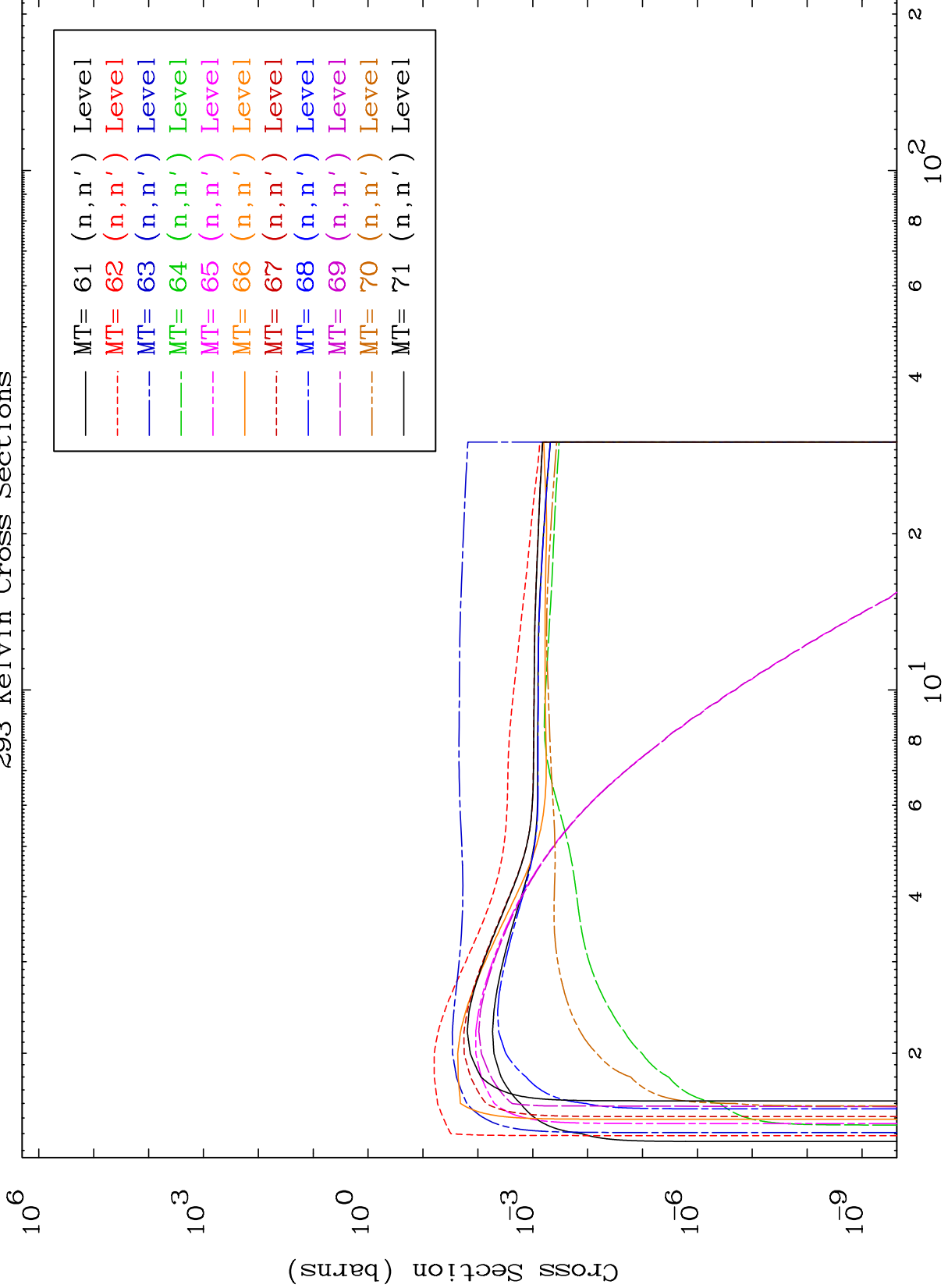


MAT 7007

(n,n') Level

293 Kelvin Cross Sections

70-Yb-162



8

Incident Energy (MeV)

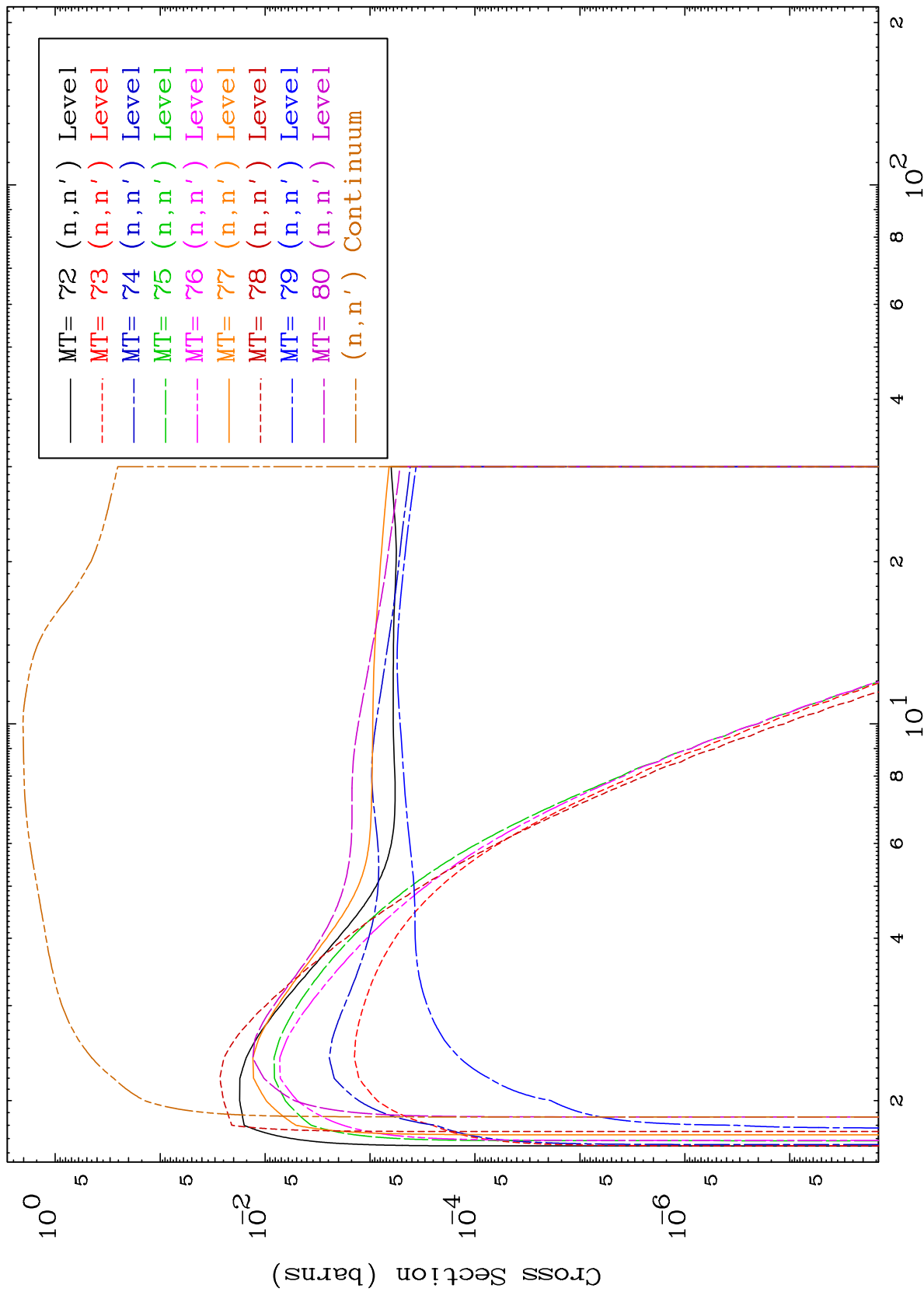
70-Yb-162

MAT 7007

(n,n') Level

70-Yb-162

293 Kelvin Cross Sections



9

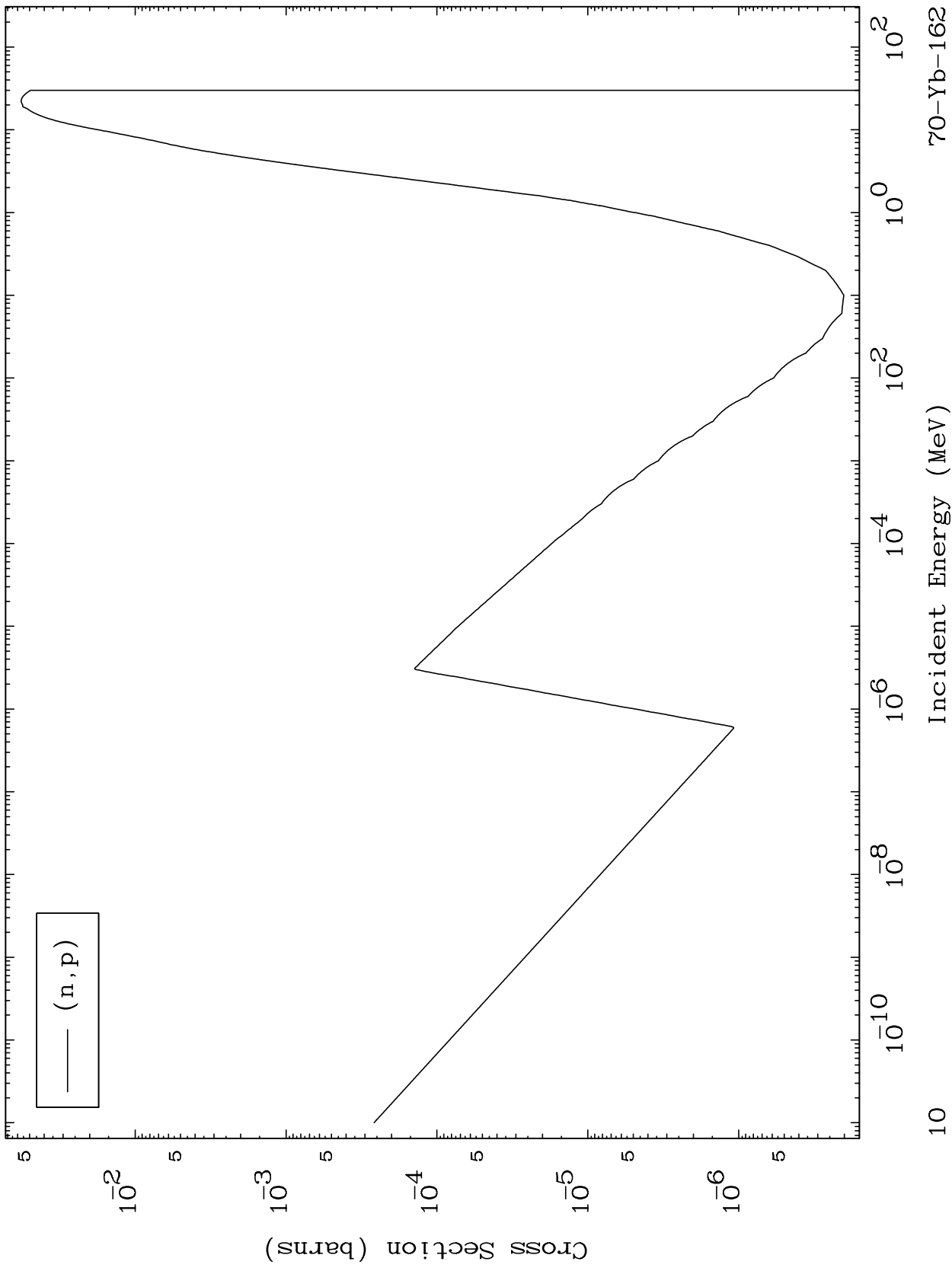
Incident Energy (MeV)

70-Yb-162

MAT 7007

(n,p) Levels
293 Kelvin Cross Sections

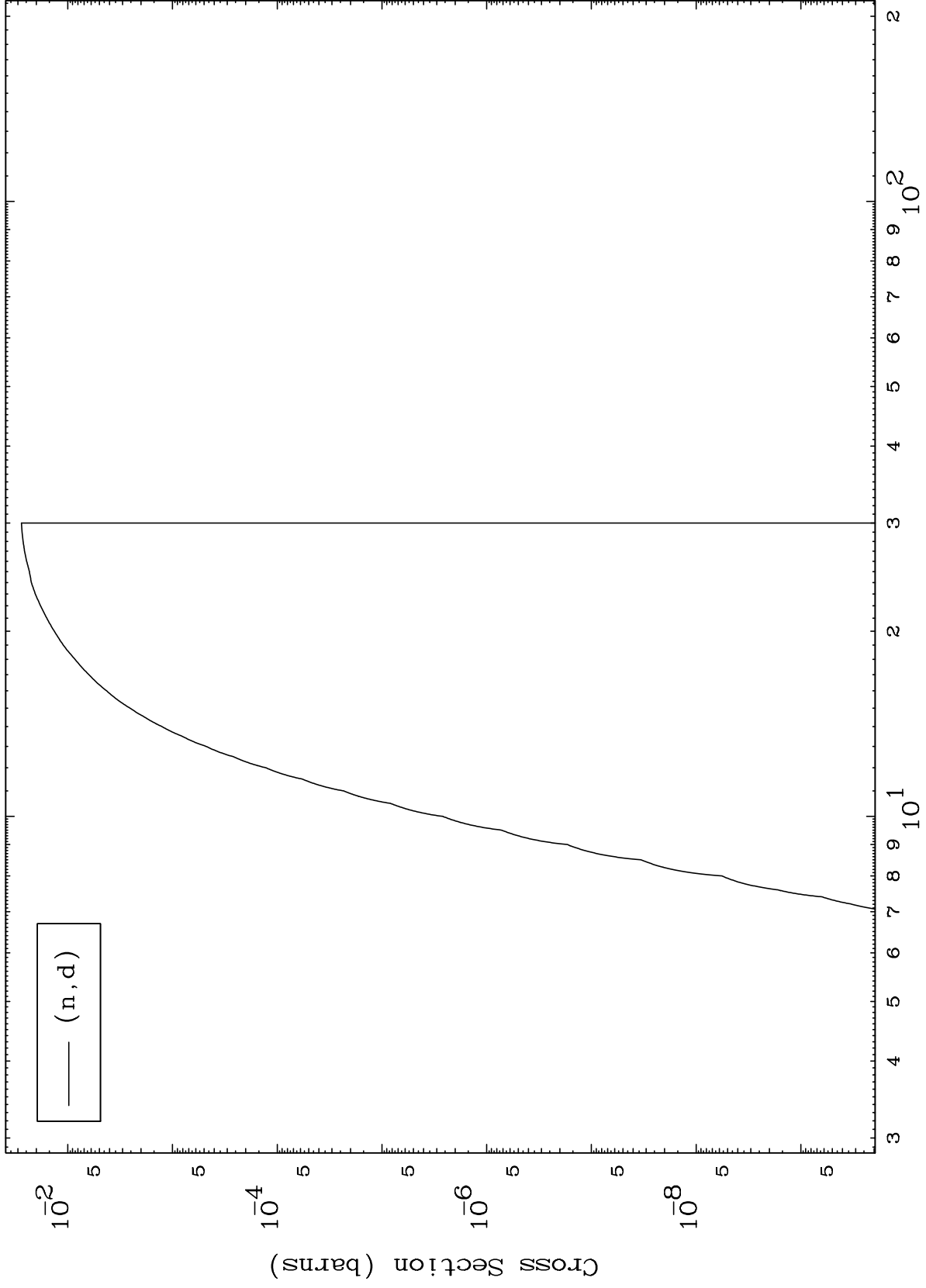
70-Yb-162



MAT 7007

(n,d) Levels
293 Kelvin Cross Sections

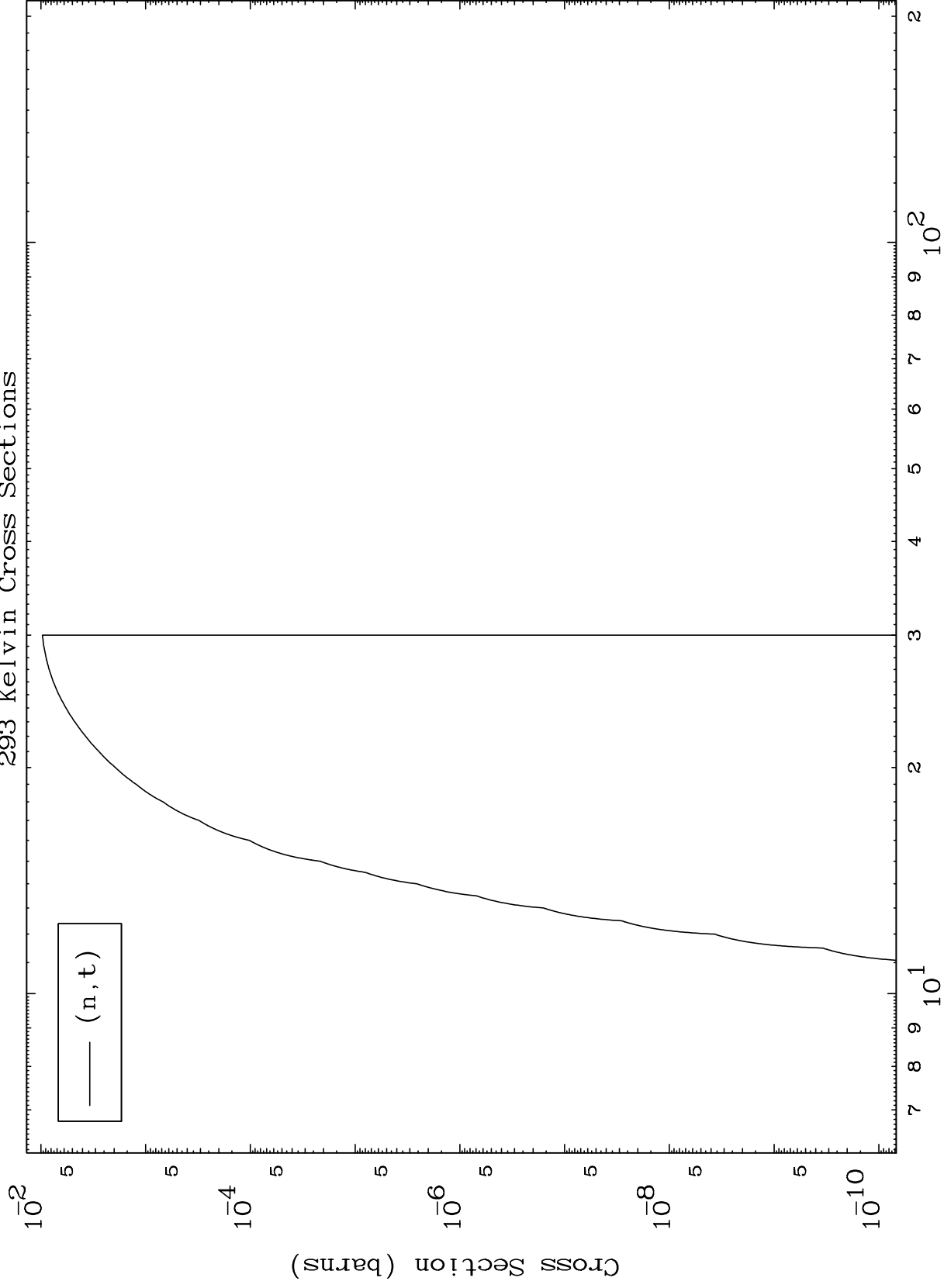
70-Yb-162



MAT 7007

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-162



12

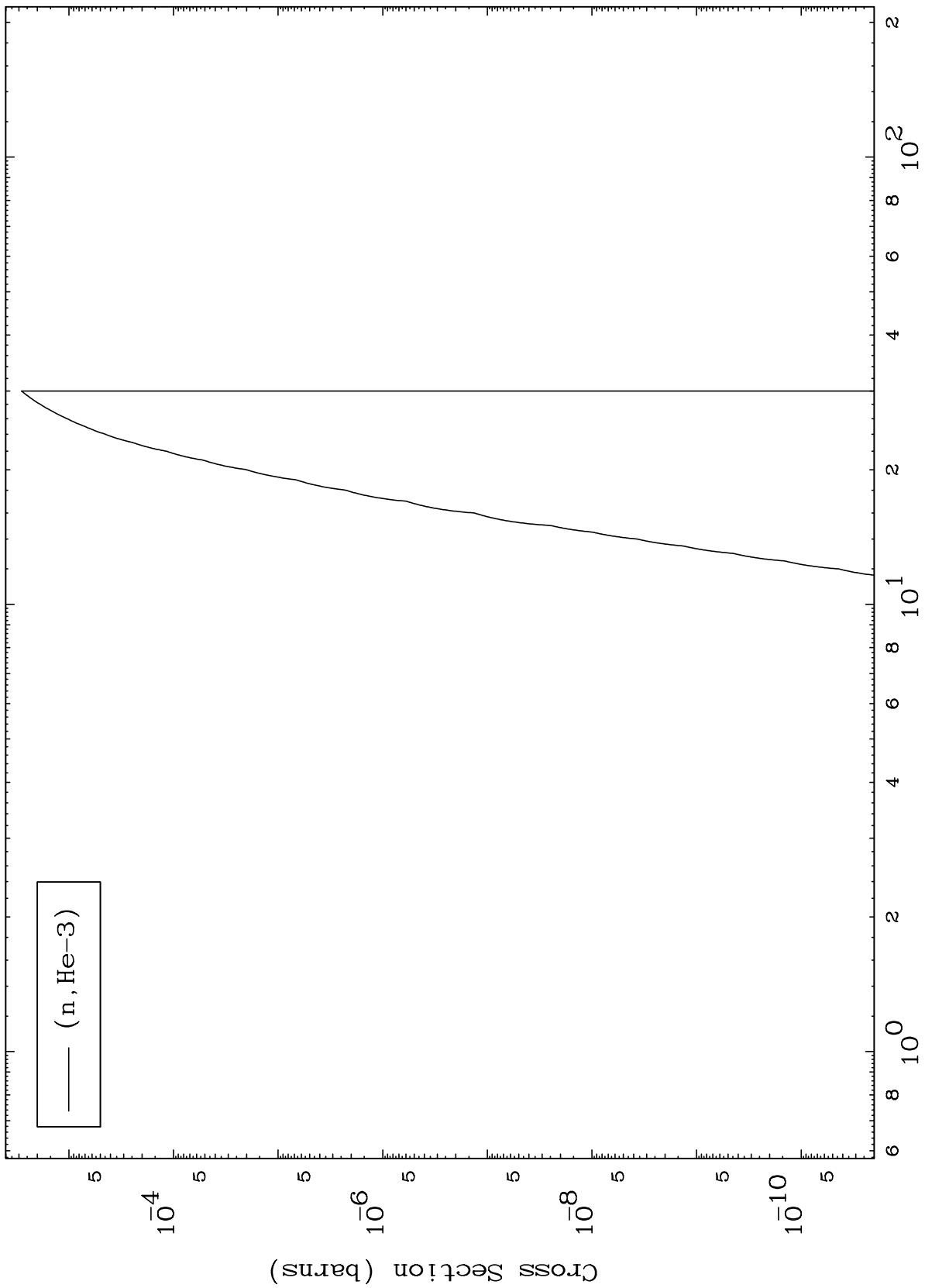
Incident Energy (MeV)

70-Yb-162

MAT 7007

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-162



13

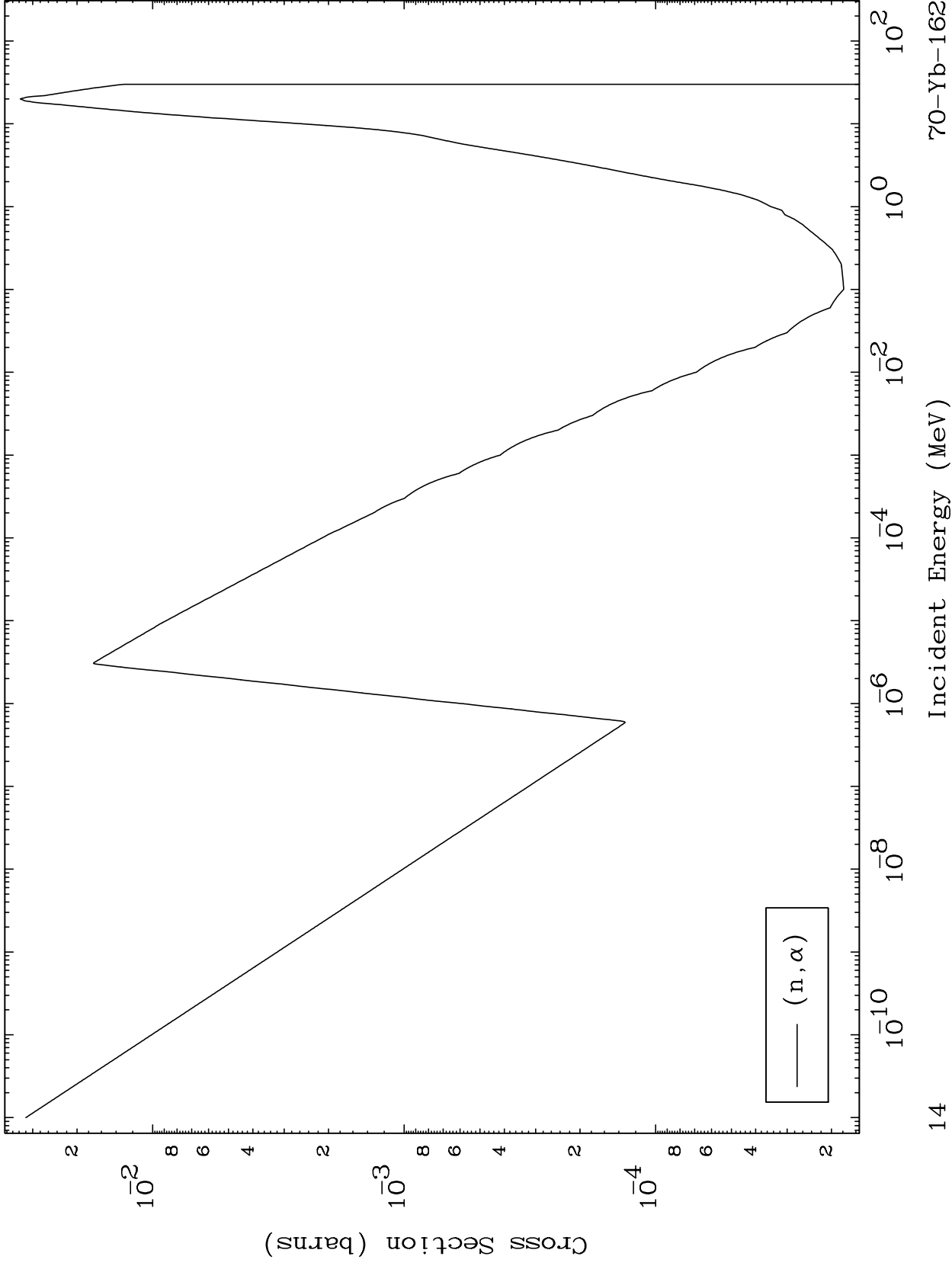
Incident Energy (MeV)

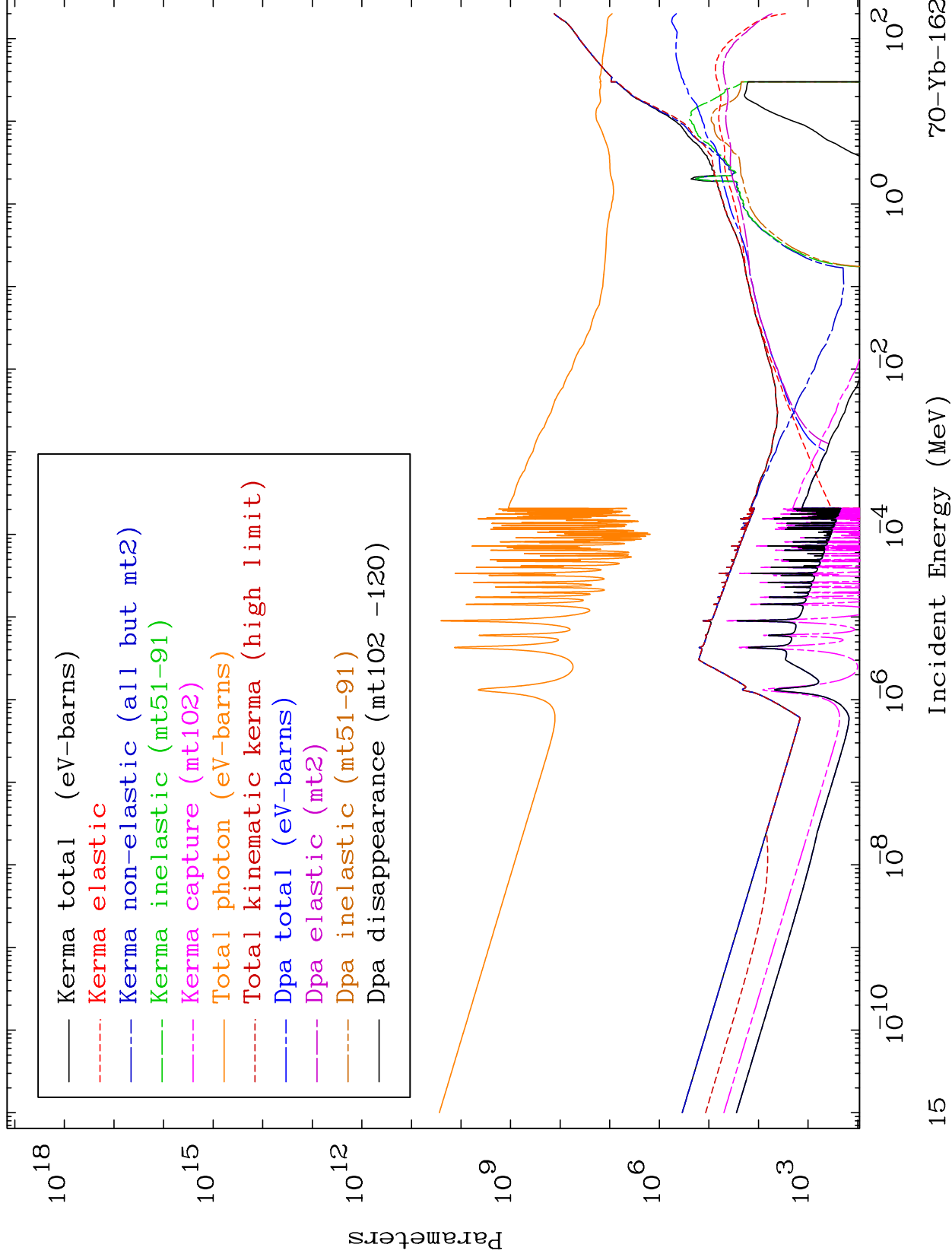
70-Yb-162

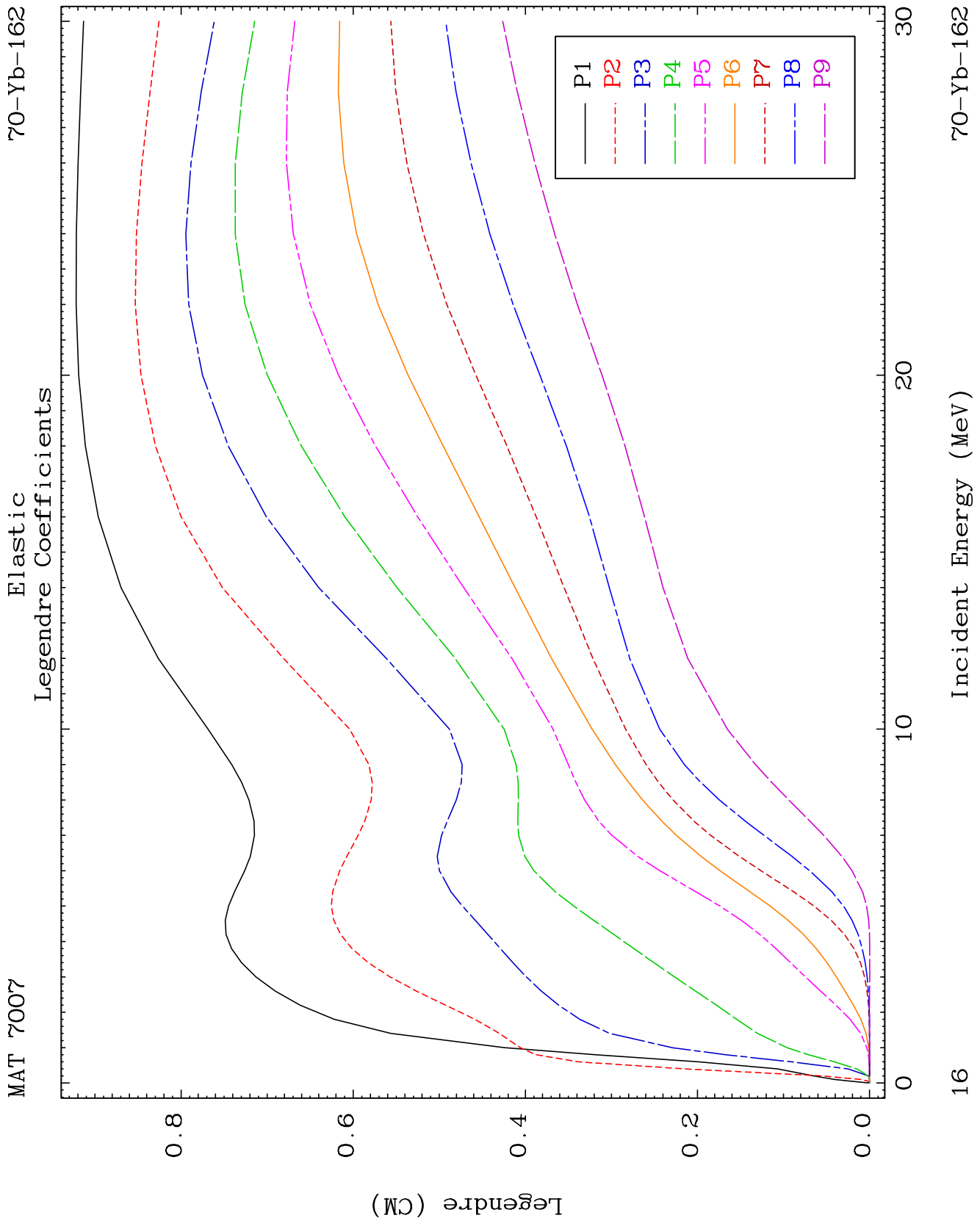
MAT 7007

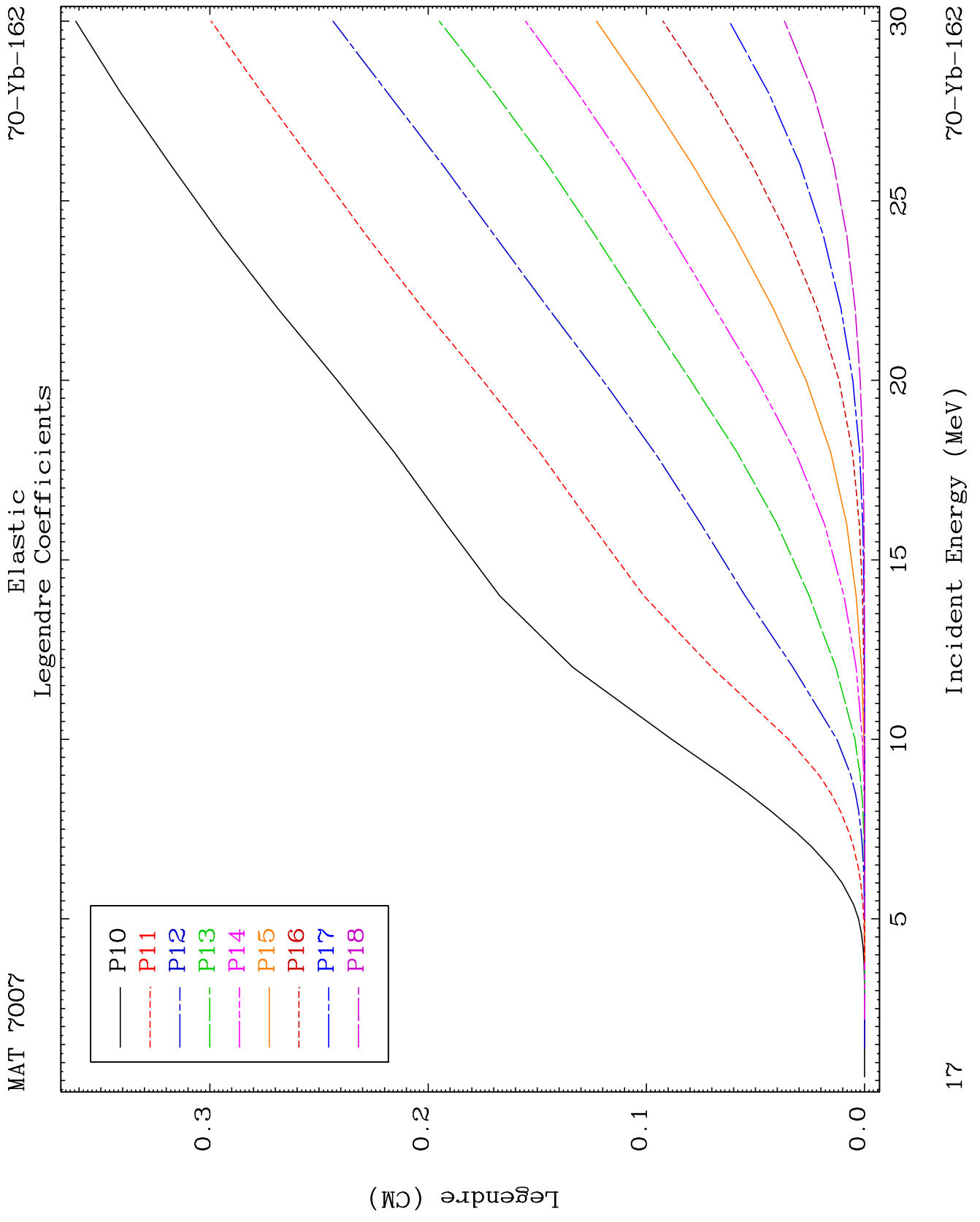
(n, α) Levels
293 Kelvin Cross Sections

70-Yb-162





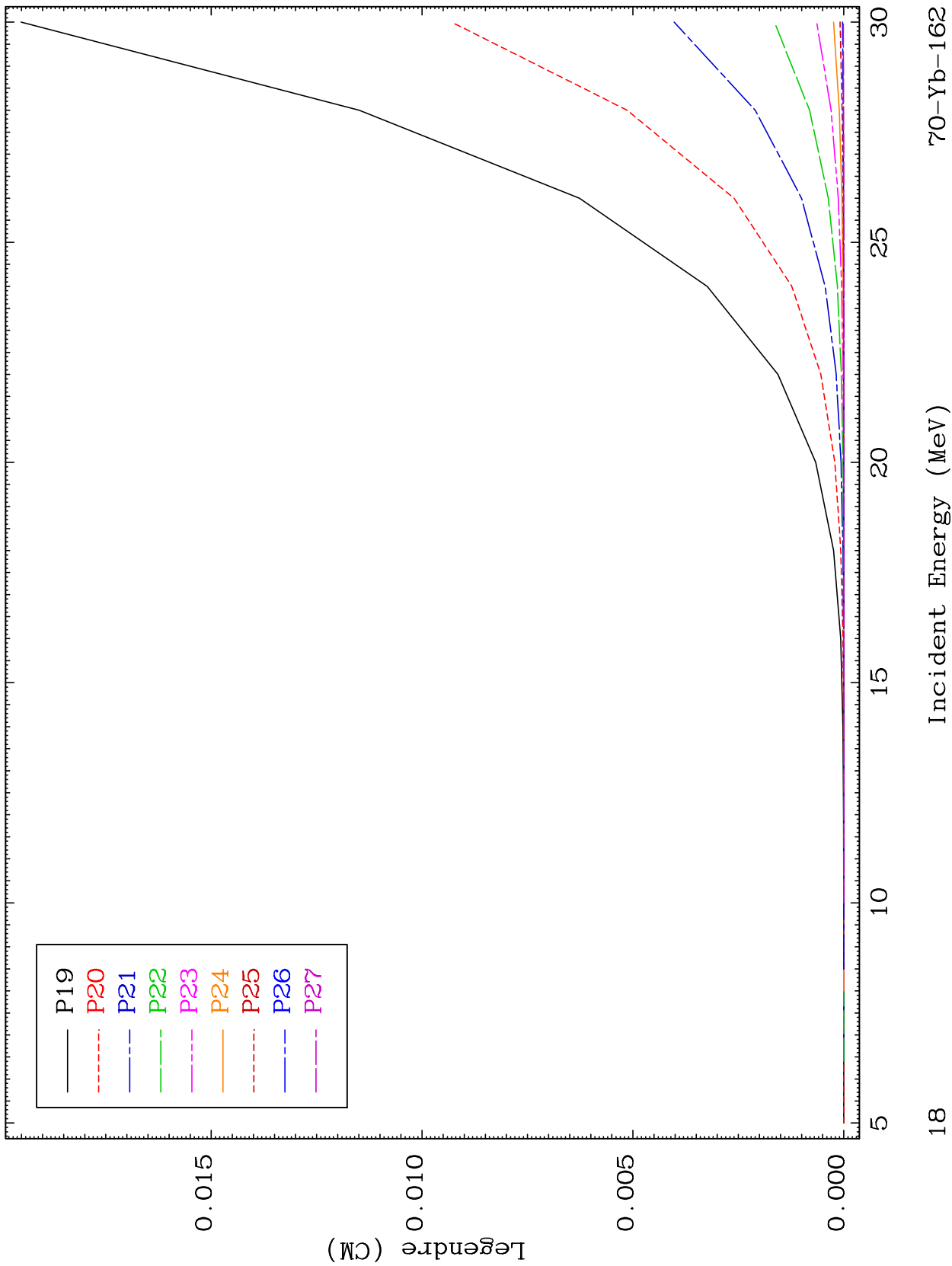




MAT 7007

Elastic
Legendre Coefficients

70-Yb-162



18

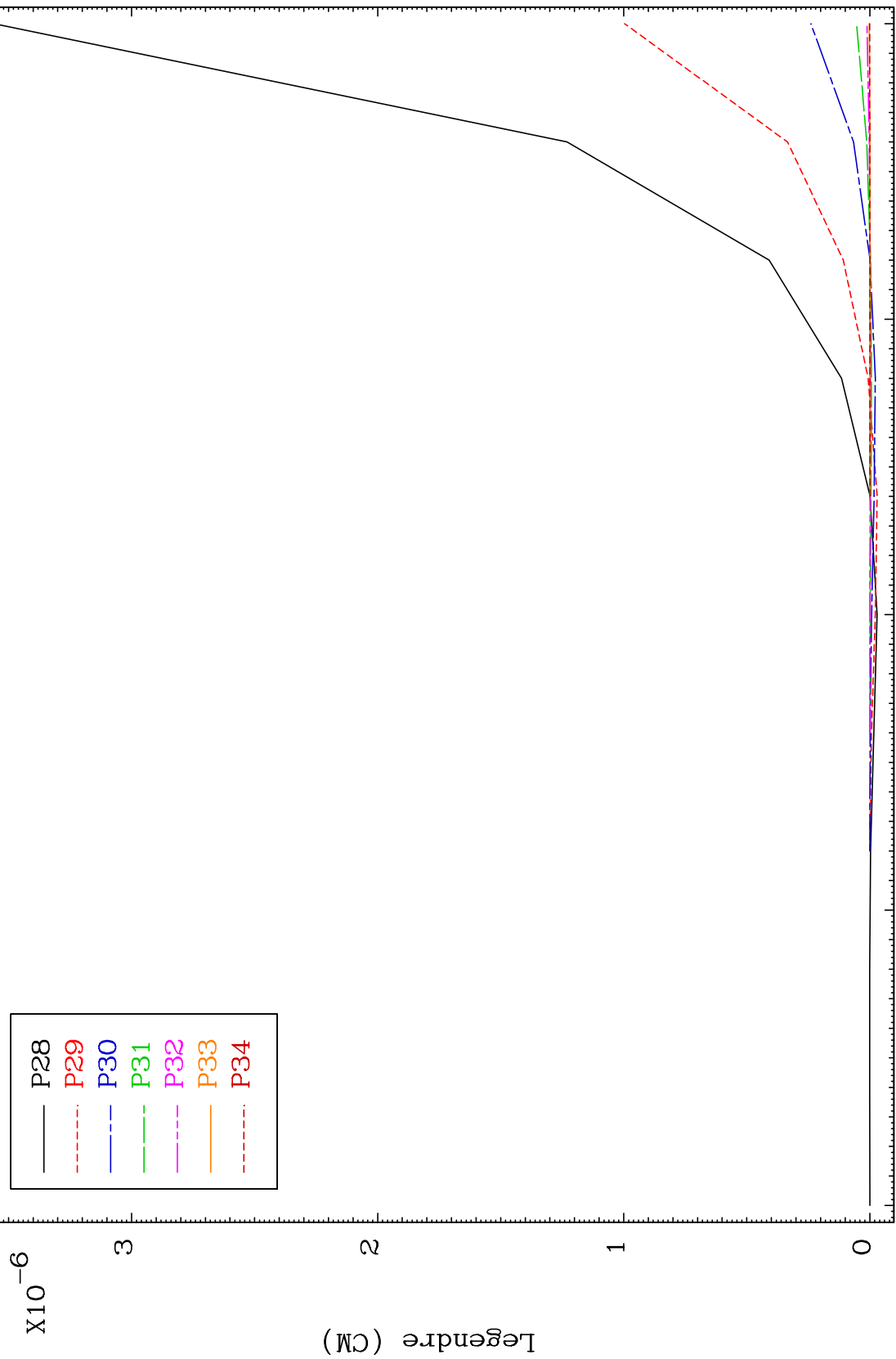
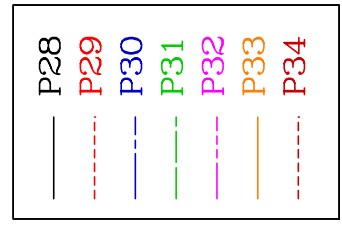
Incident Energy (MeV)

70-Yb-162

MAT 7007

Elastic Legendre Coefficients

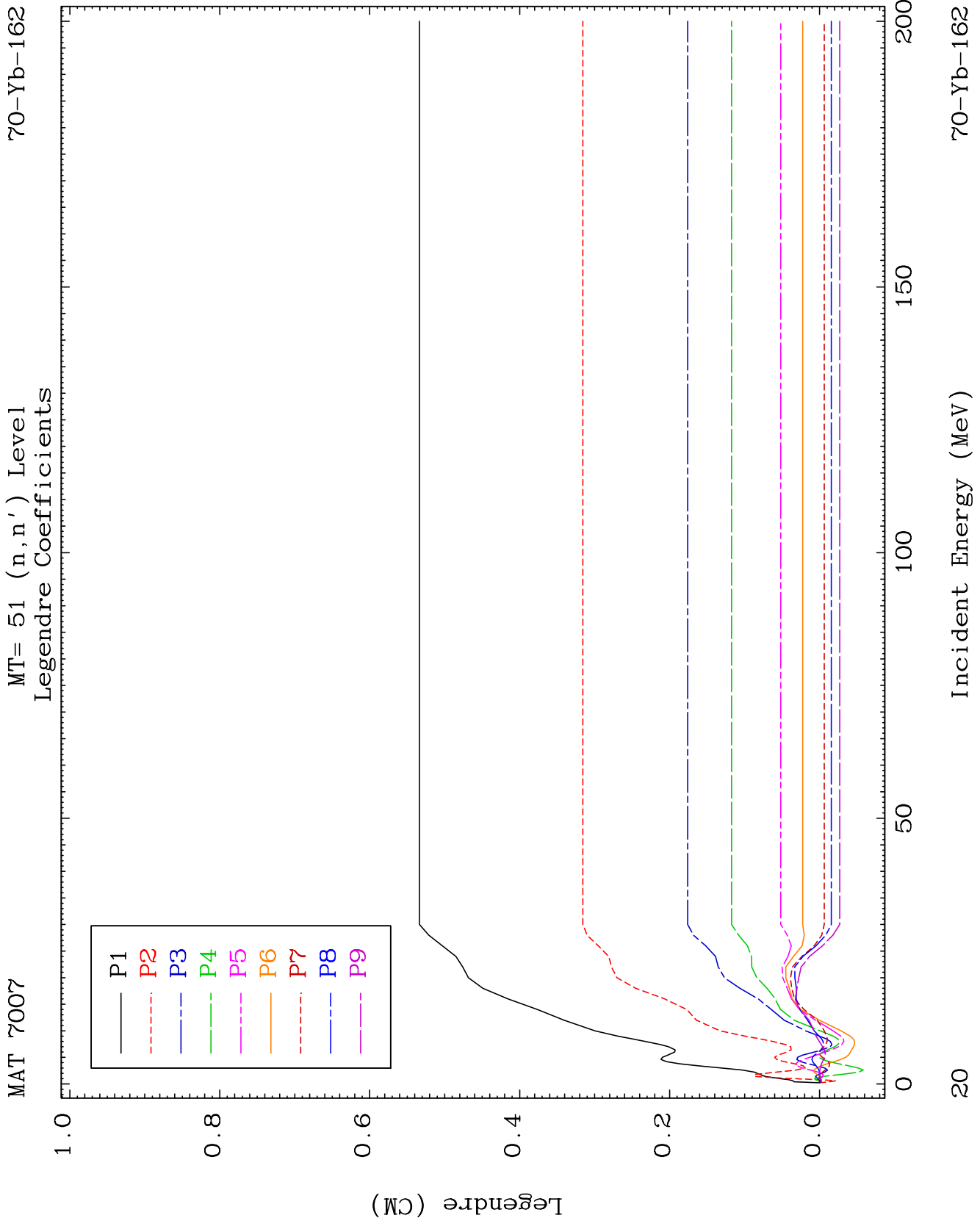
70-Yb-162



19

Incident Energy (MeV)

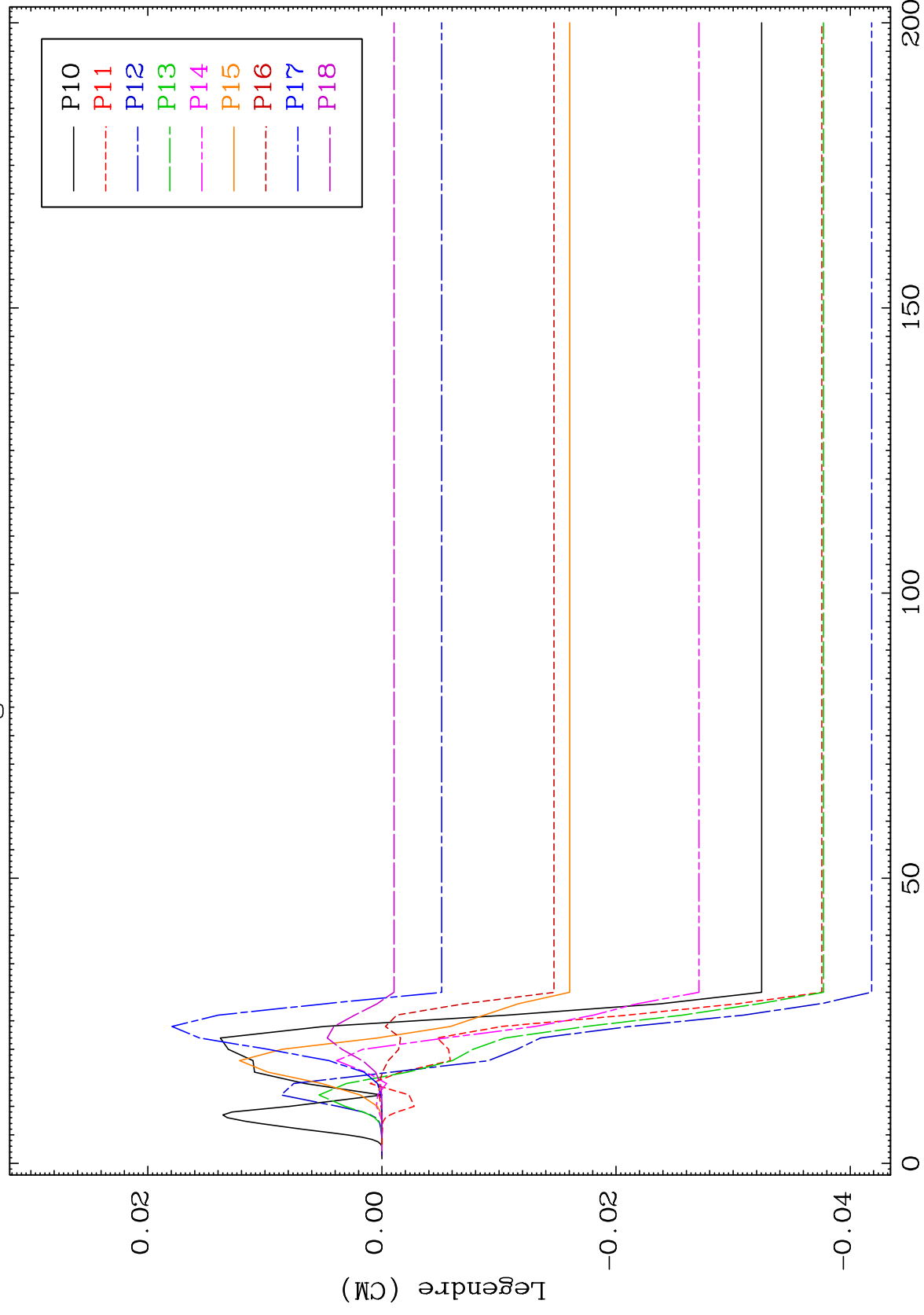
70-Yb-162



MAT 7007

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

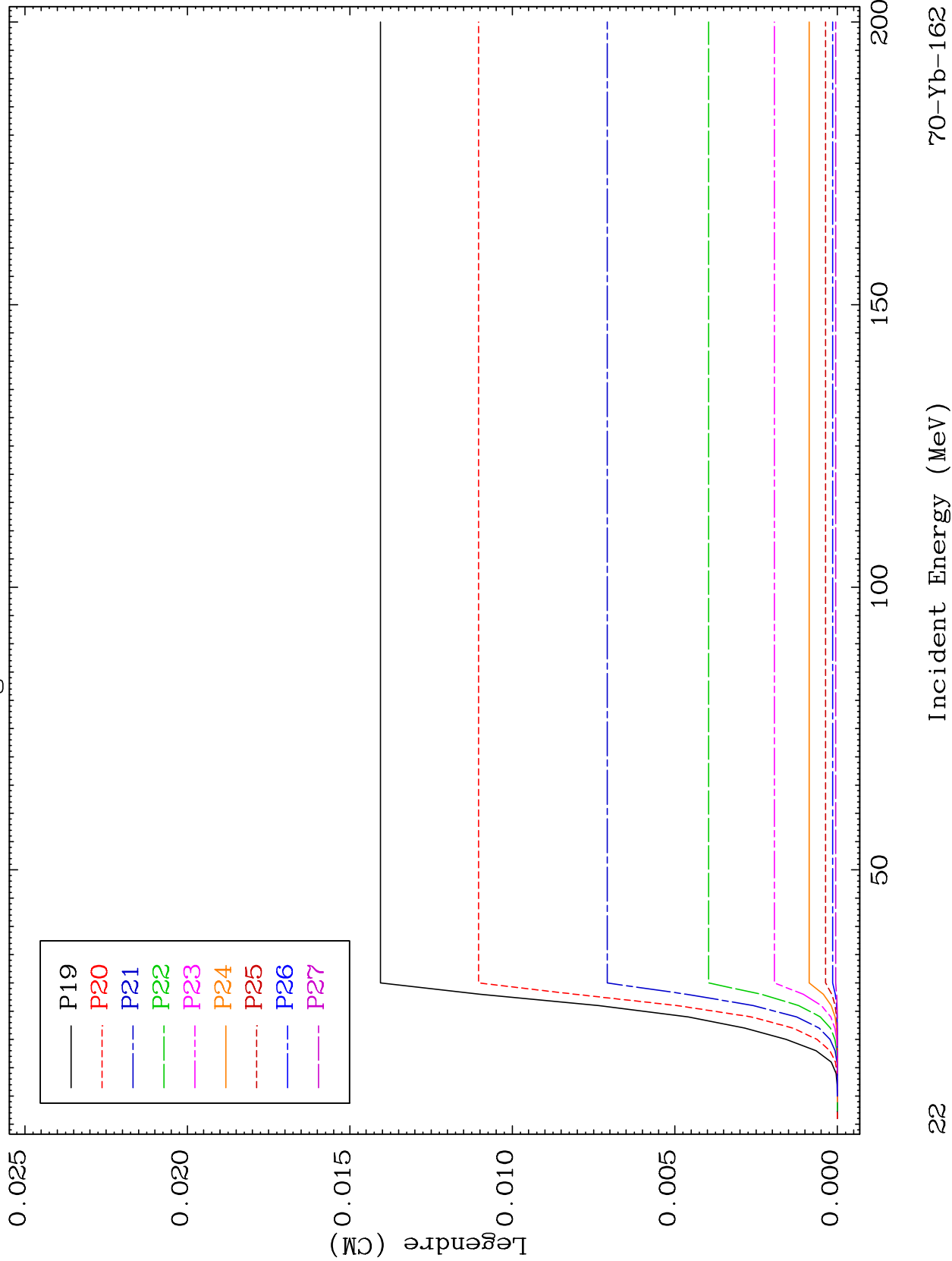
70-Yb-162



21

Incident Energy (MeV)

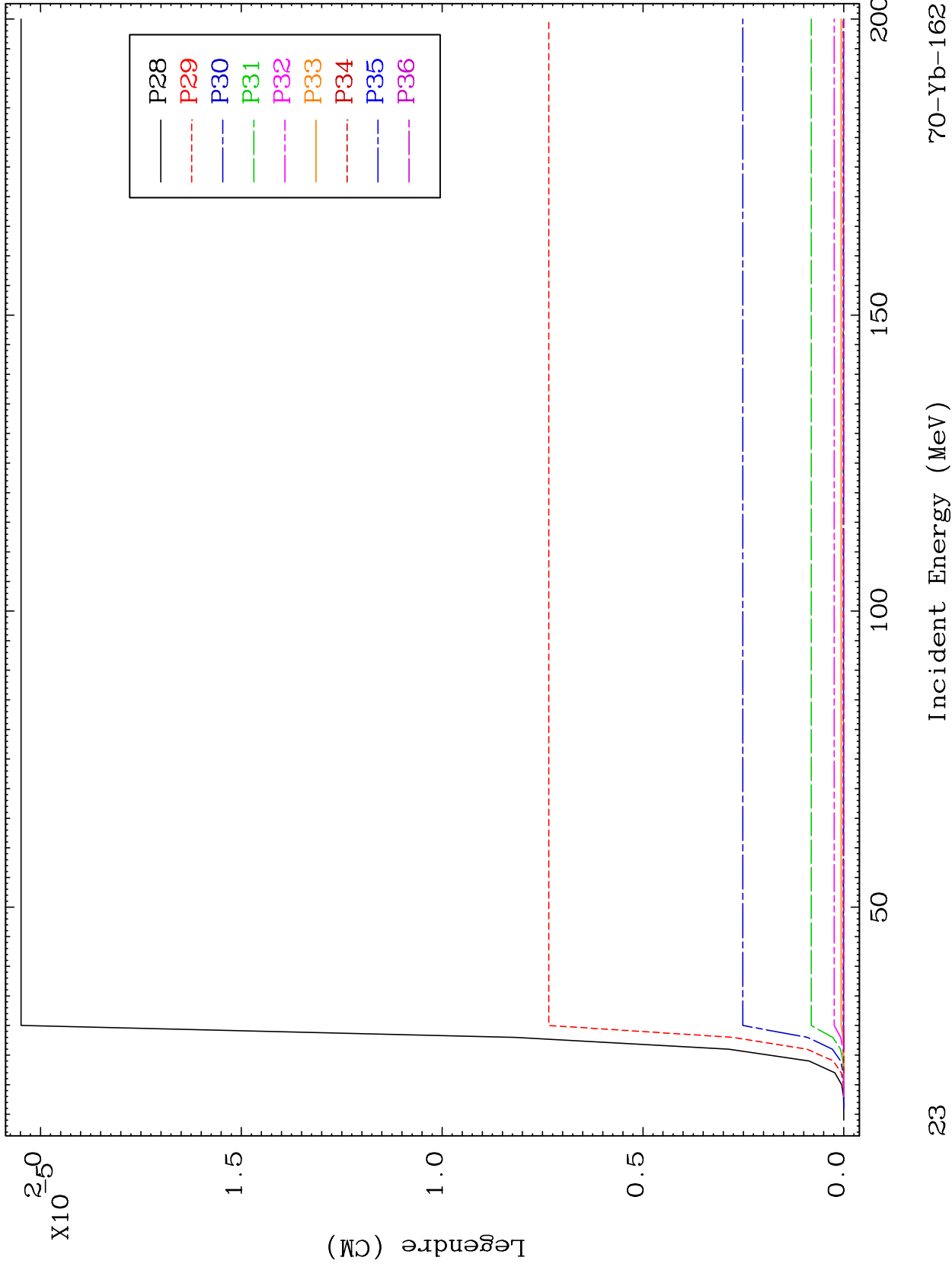
70-Yb-162



MAT 7007

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

70-Yb-162

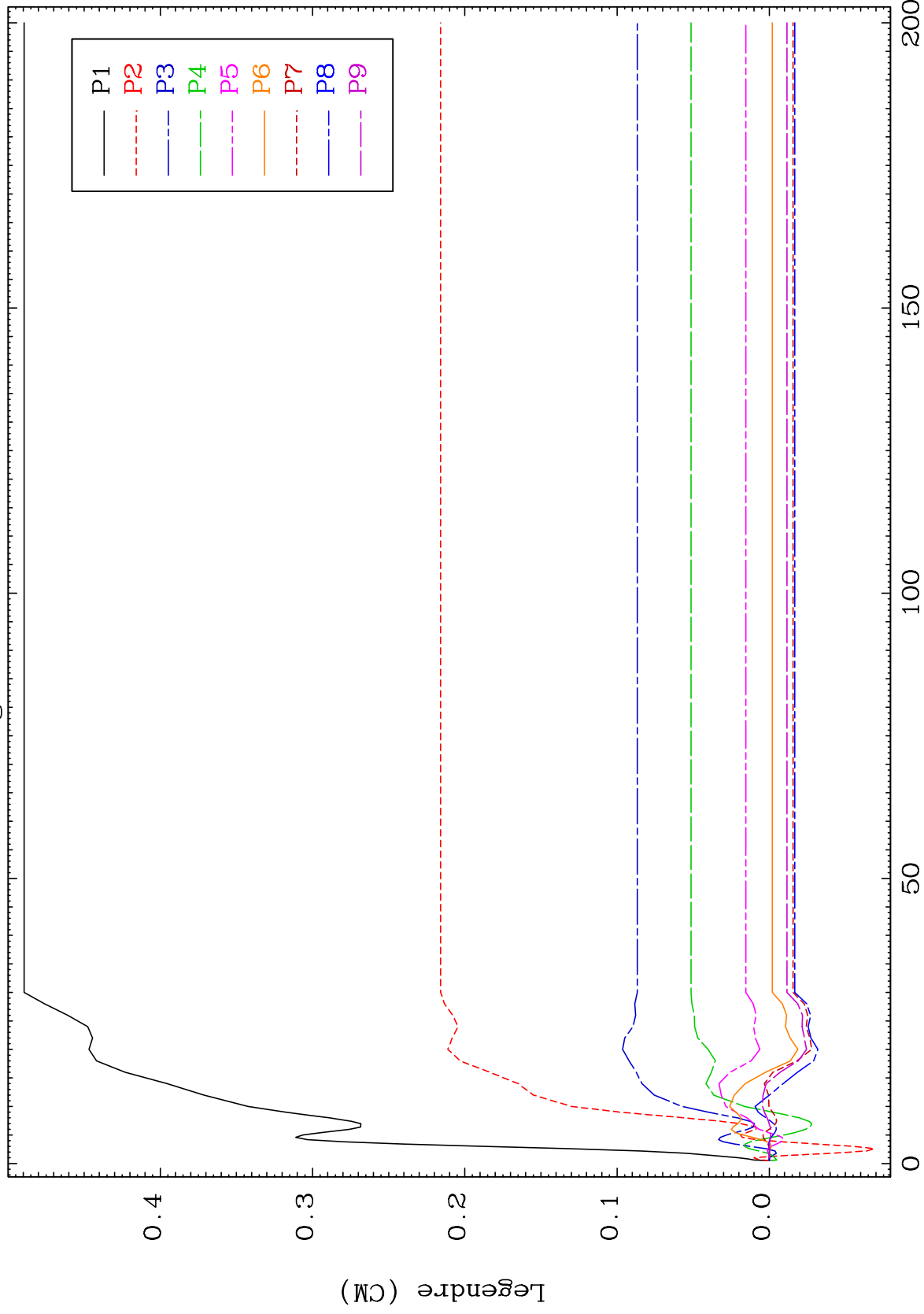


23

MAT 7007

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

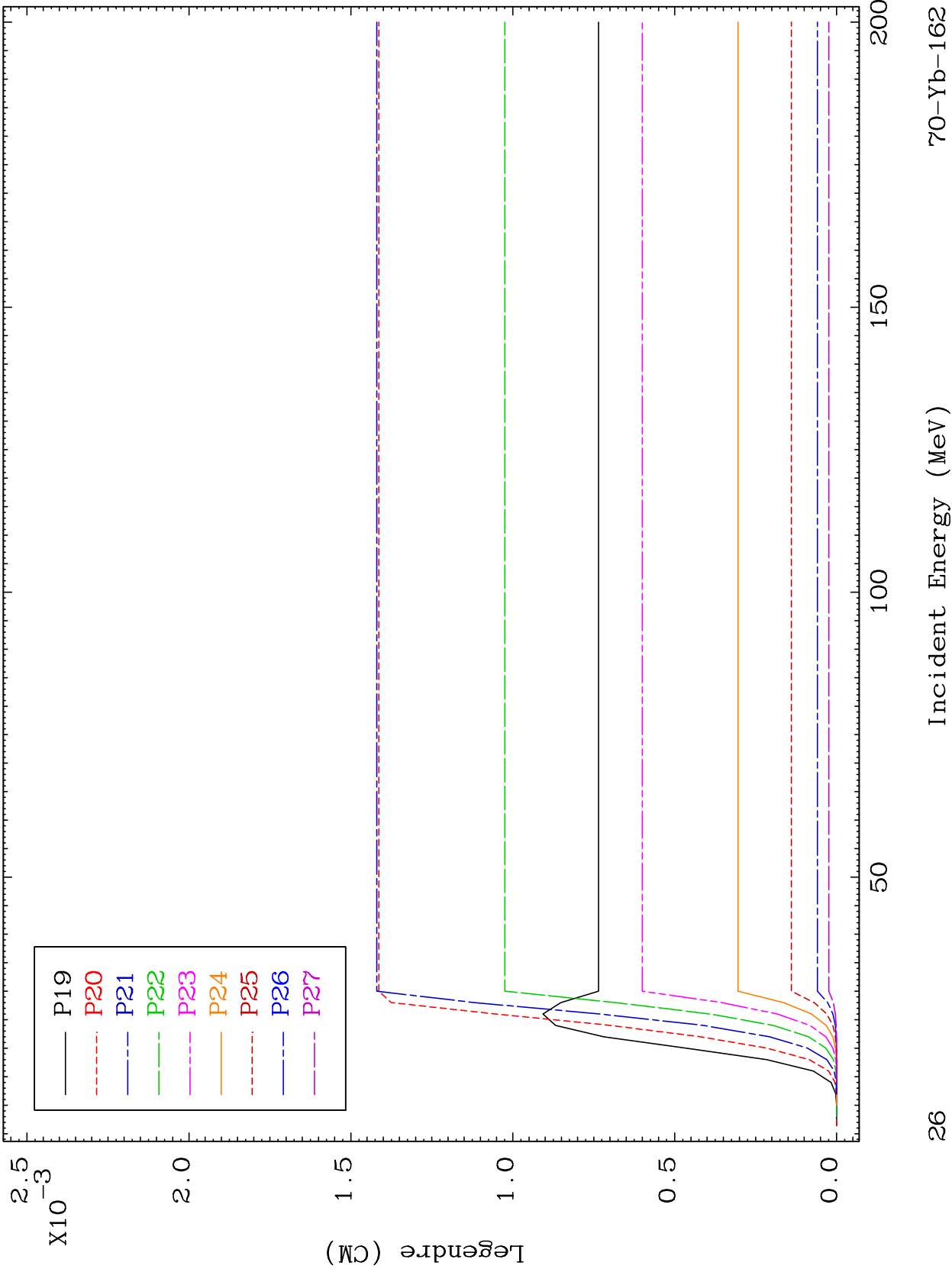
70-Yb-162



24

Incident Energy (MeV)

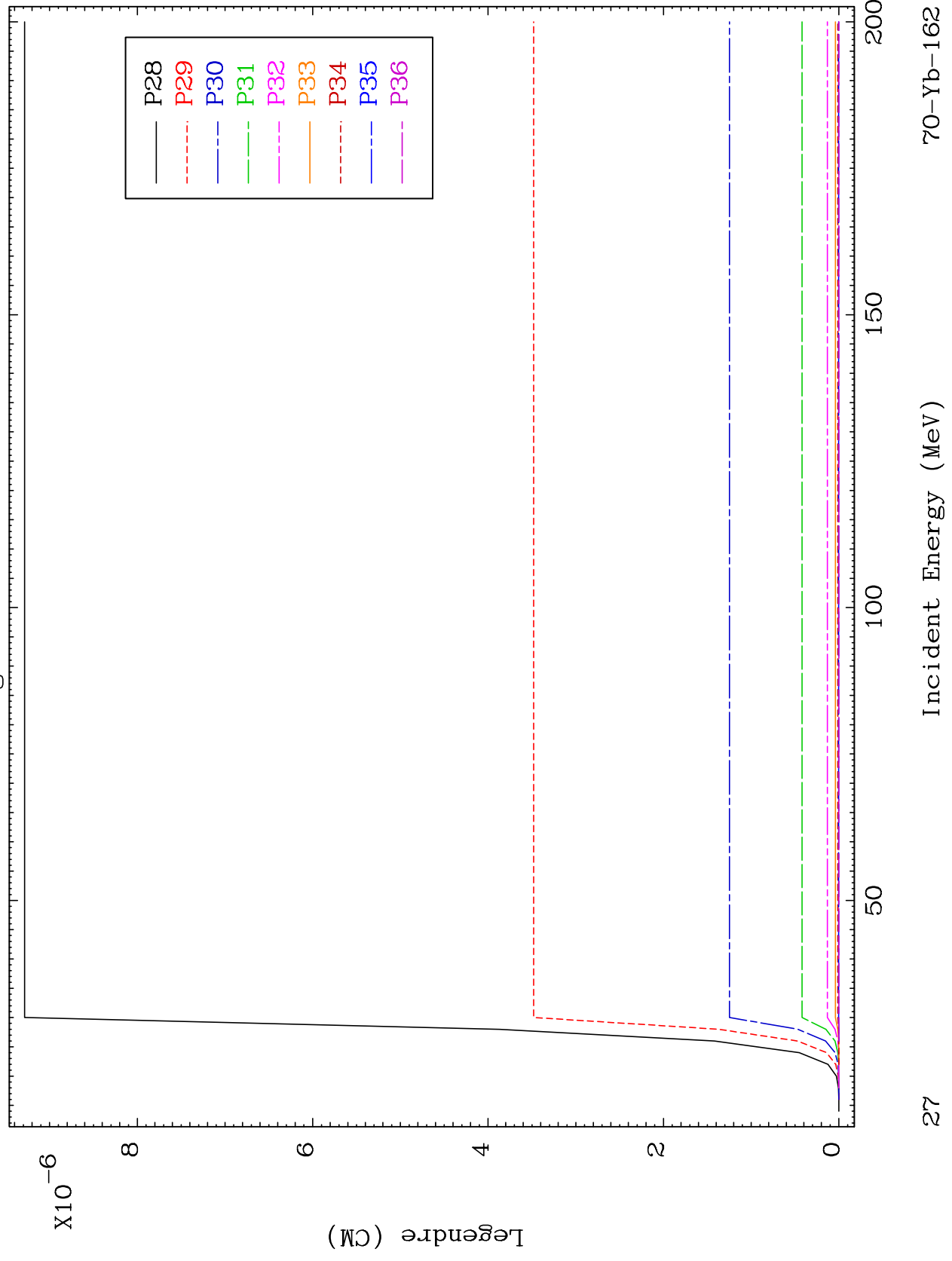
70-Yb-162



MAT 7007

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

70-Yb-162



27

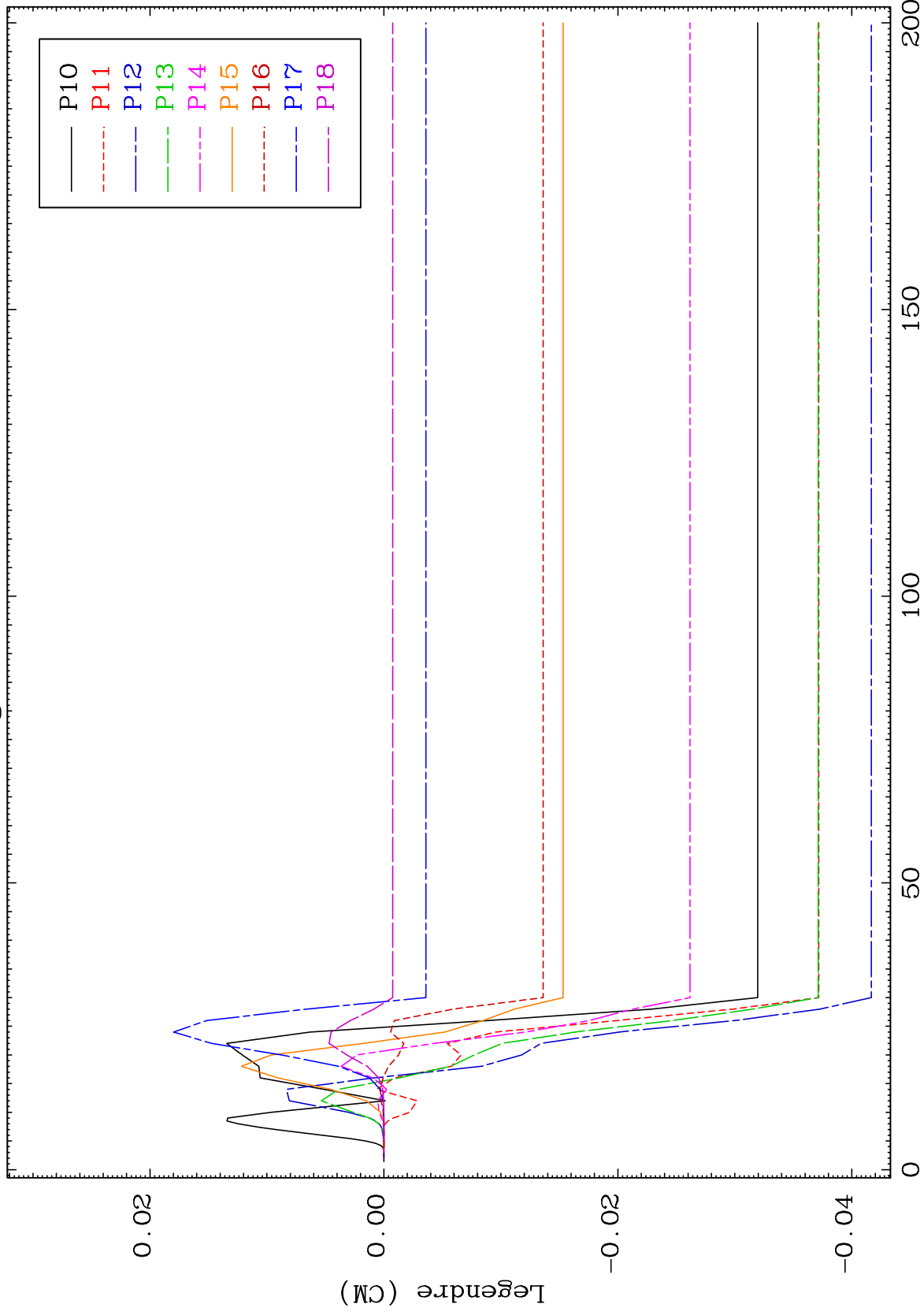
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



29

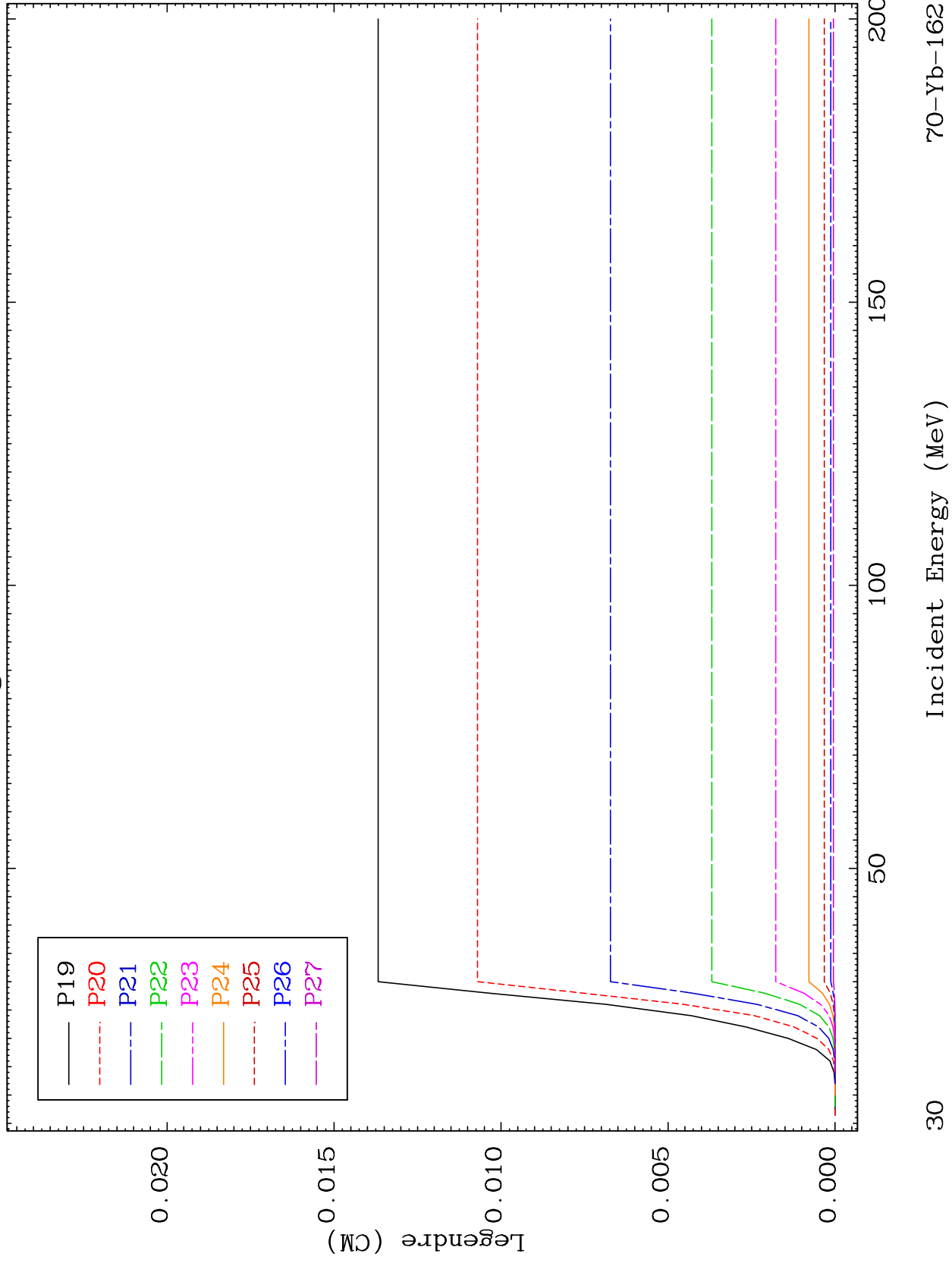
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



30

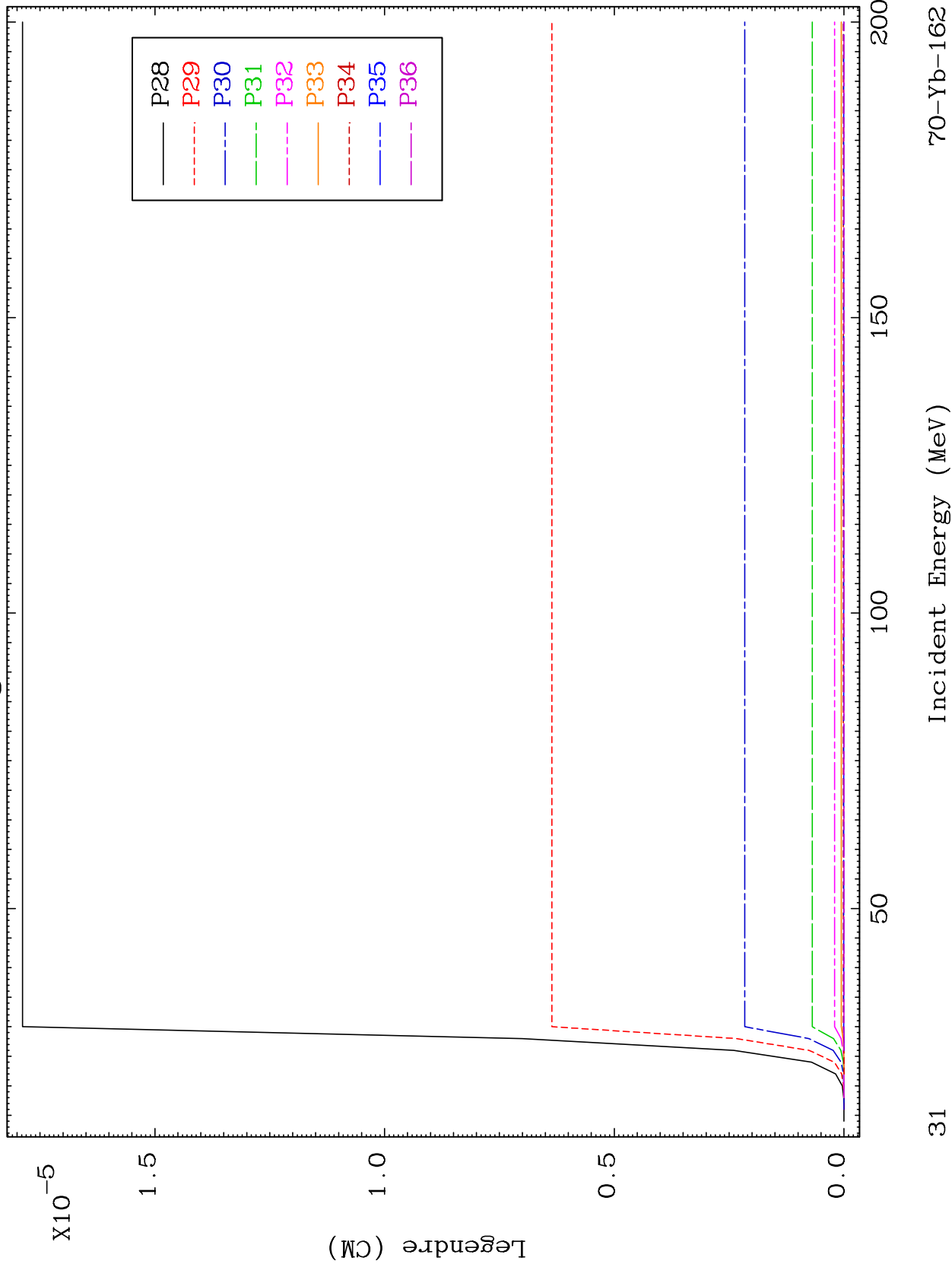
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162

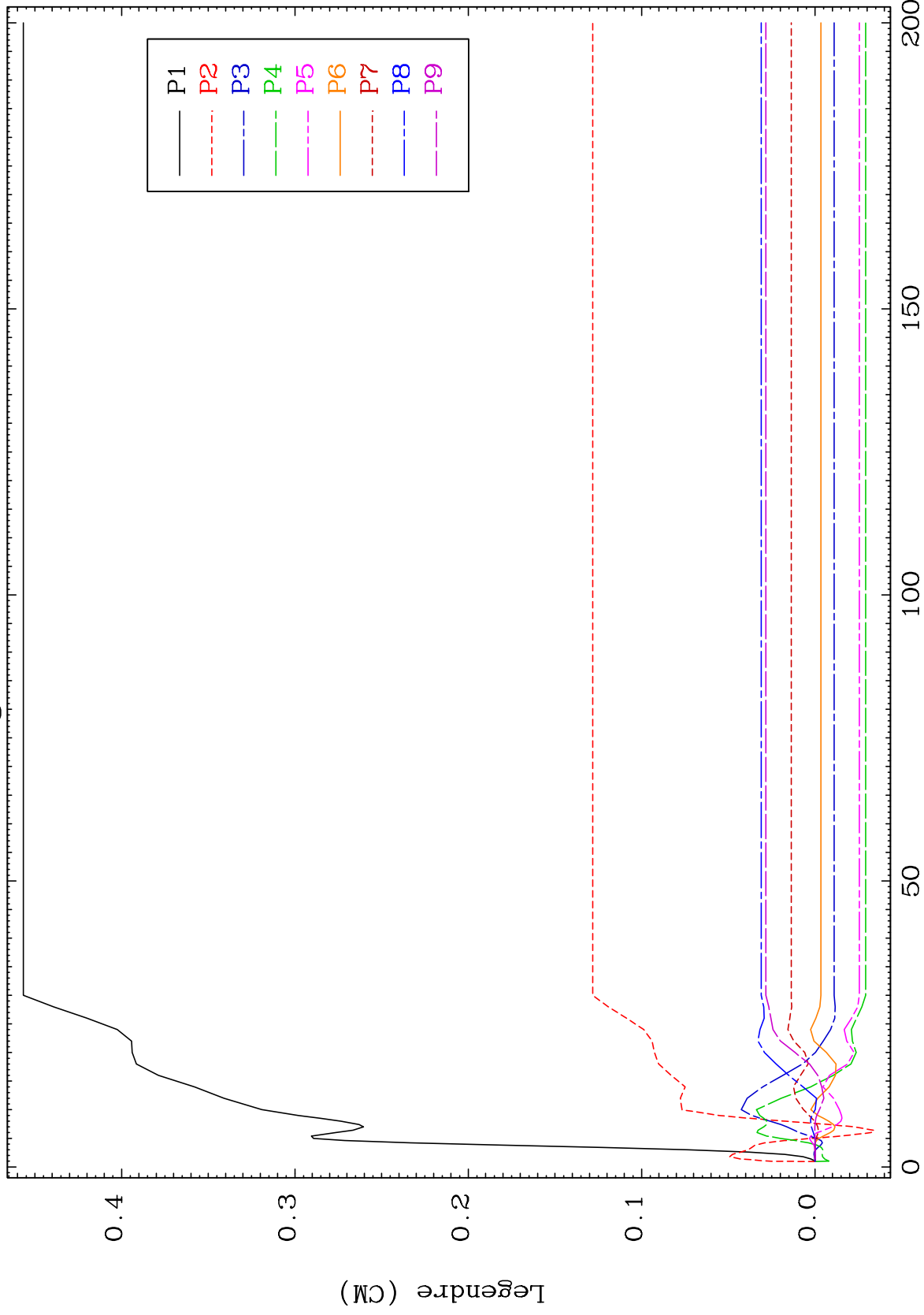


31

MAT 7007

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

70-Yb-162



32

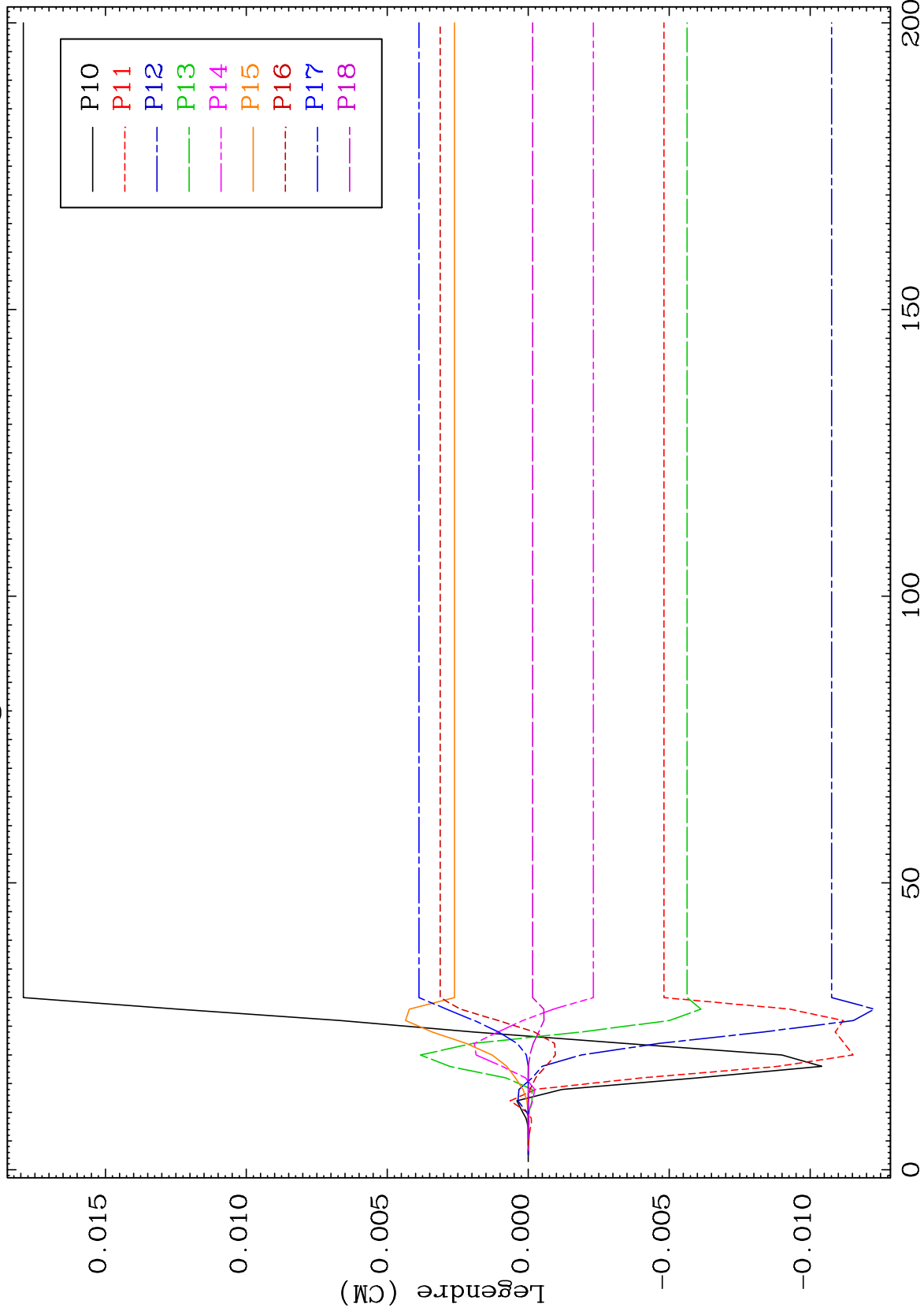
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



33

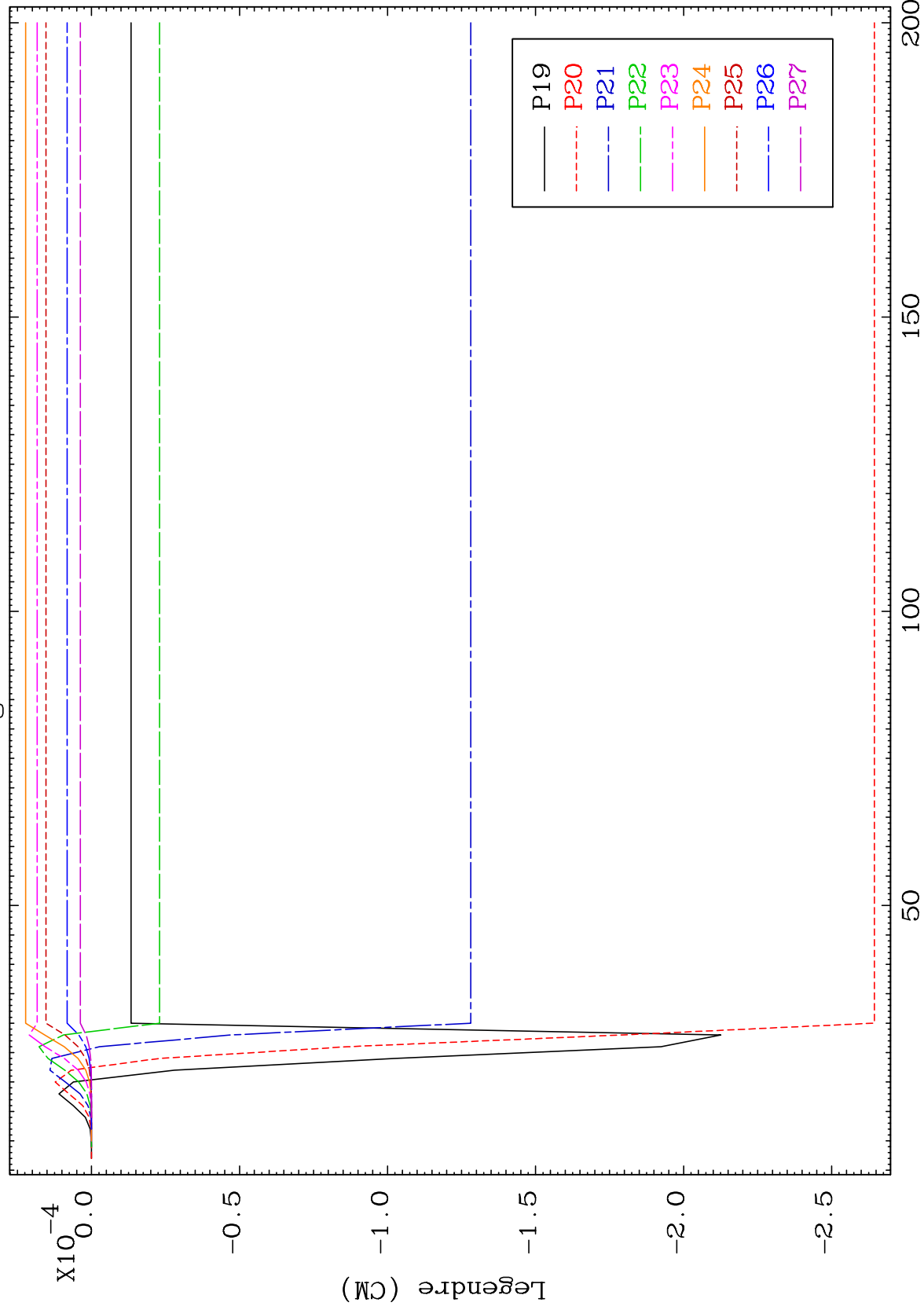
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

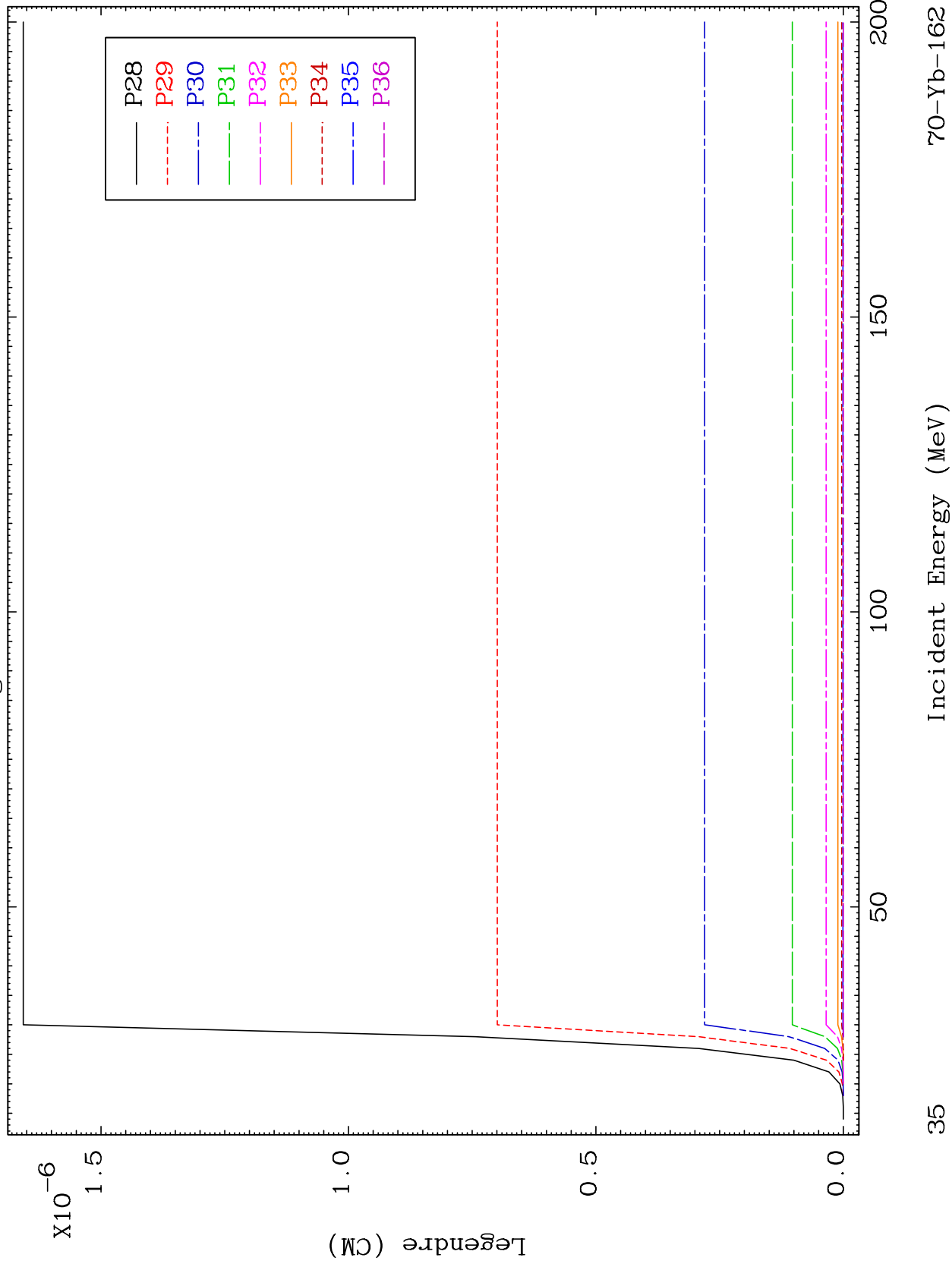
70-Yb-162



MAT 7007

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

70-Yb-162



35

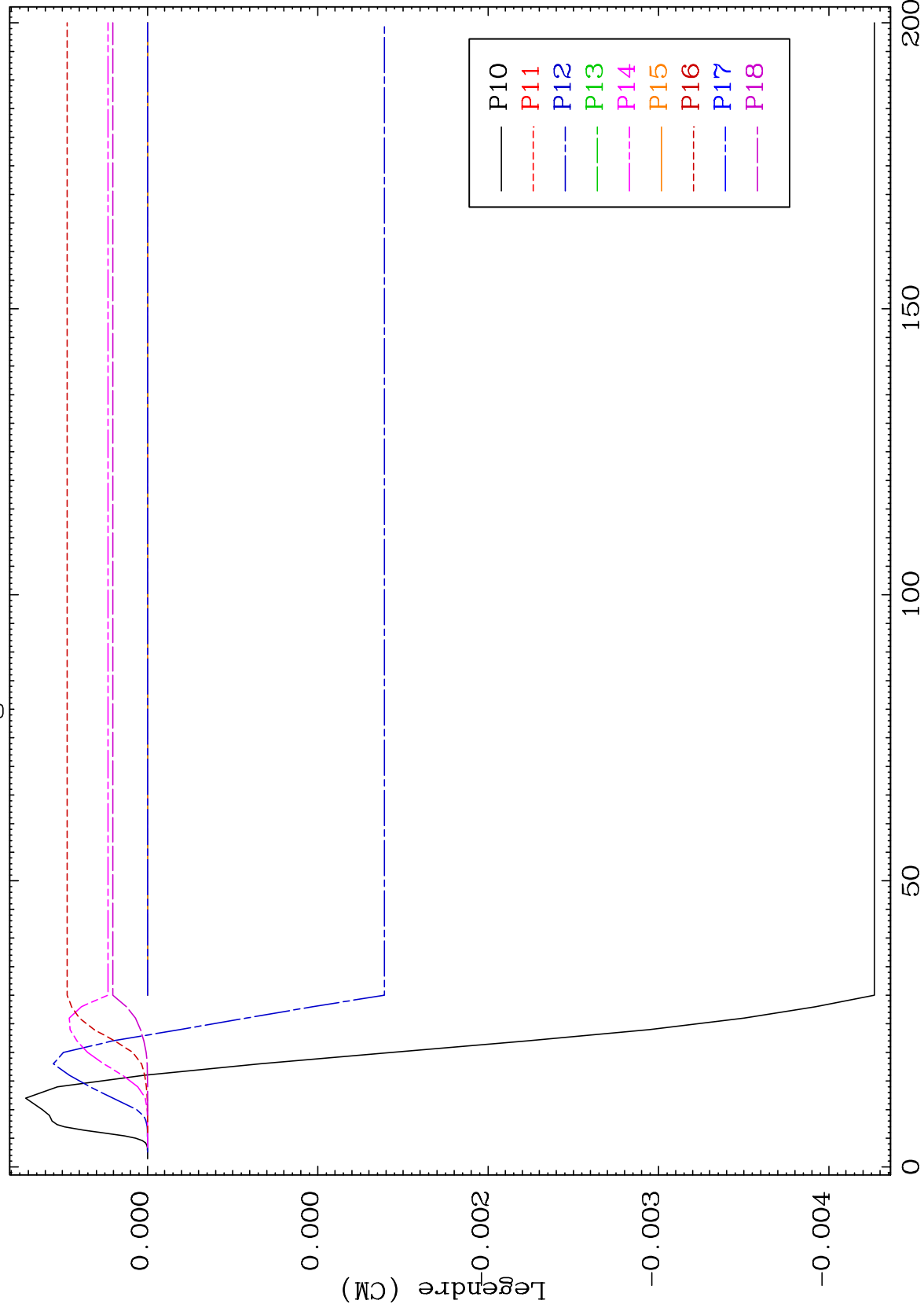
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

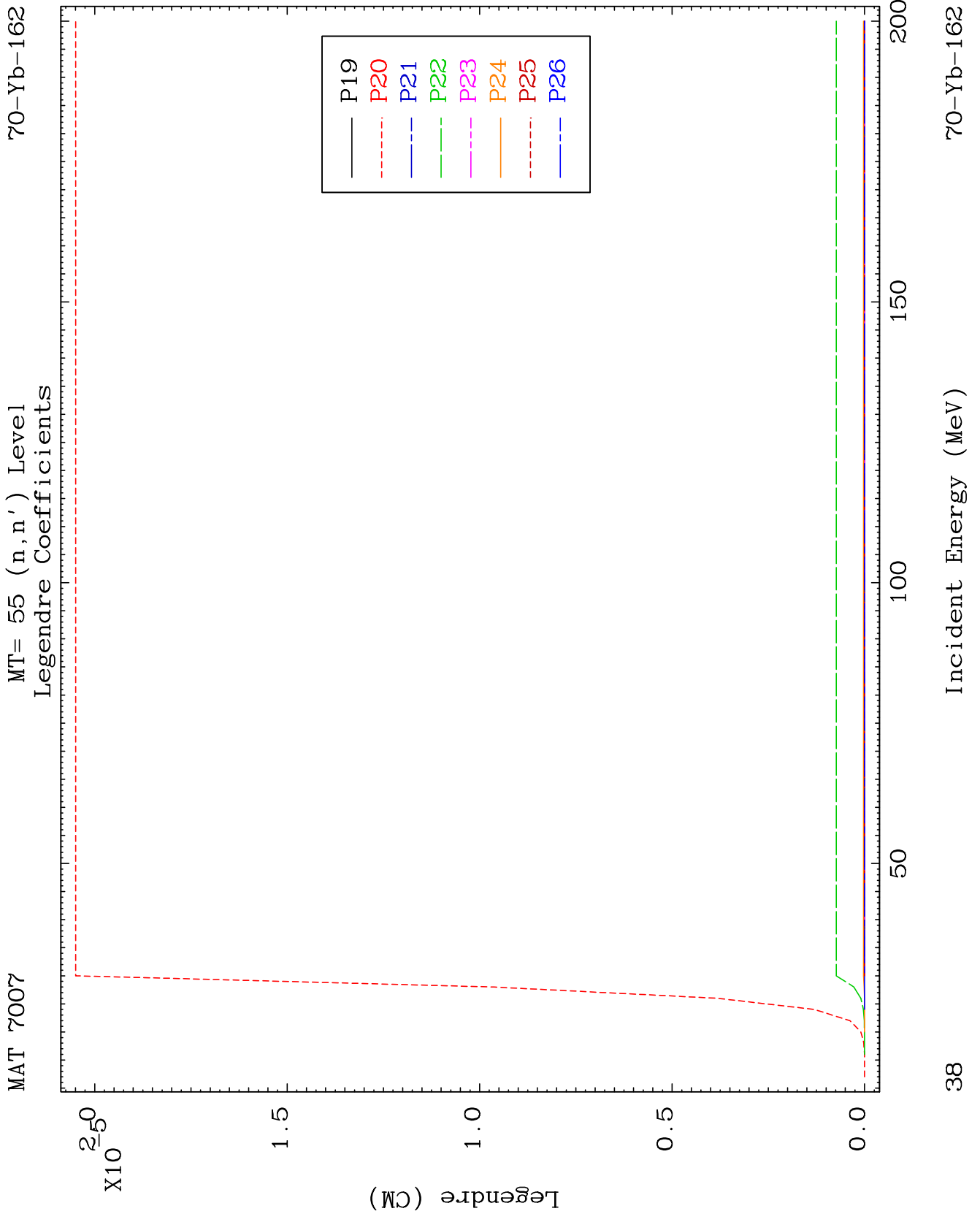
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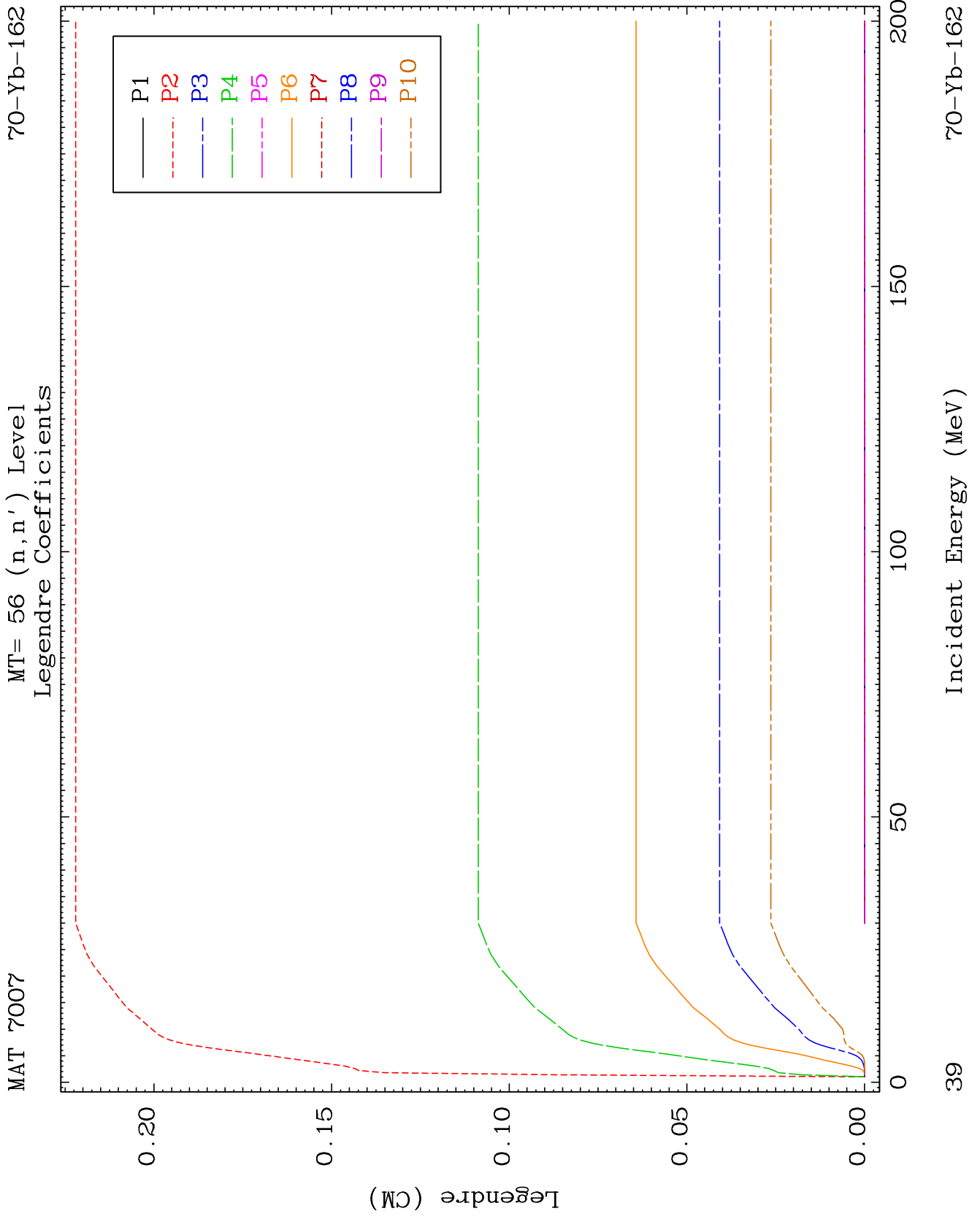


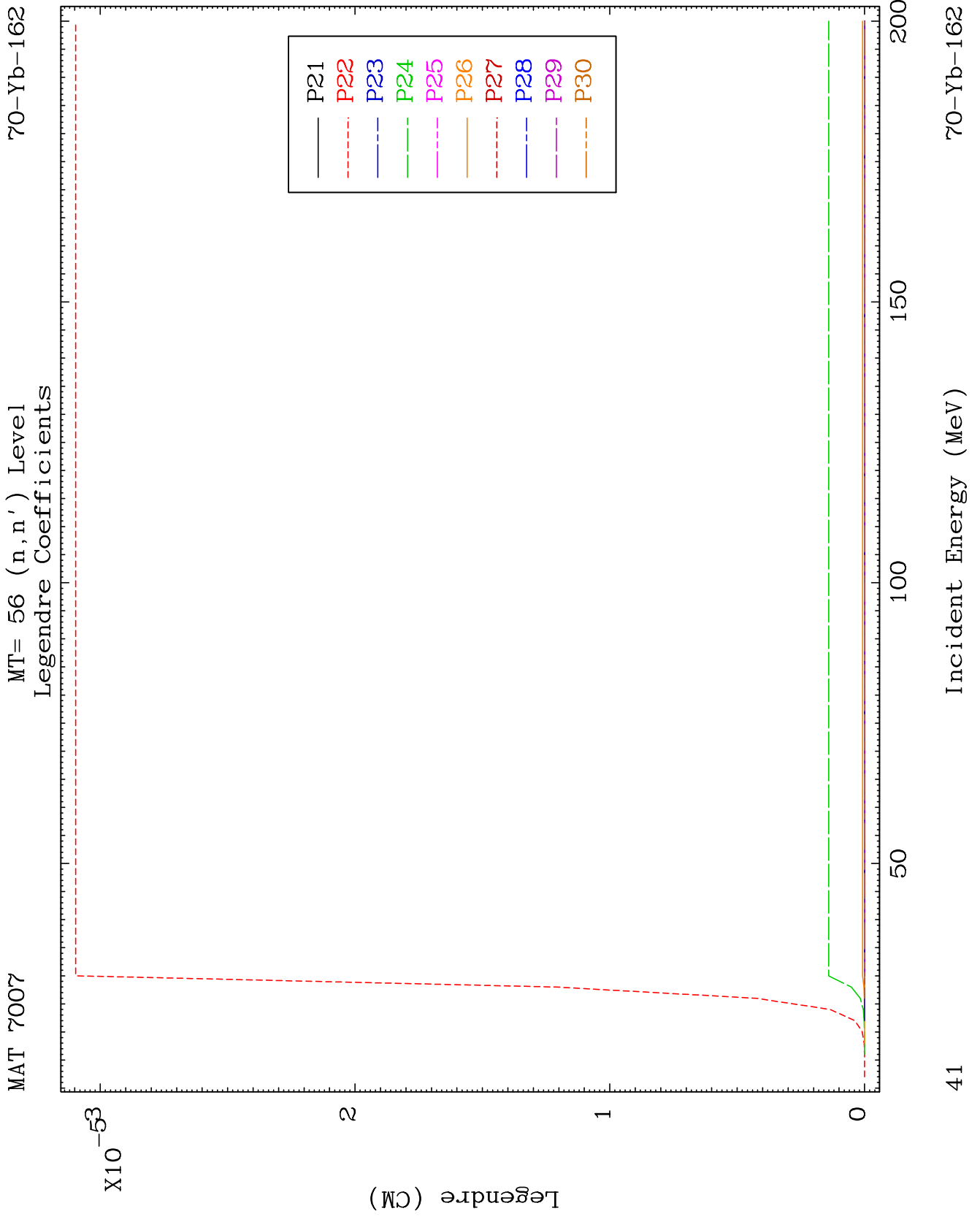
37

Incident Energy (MeV)

70-Yb-162



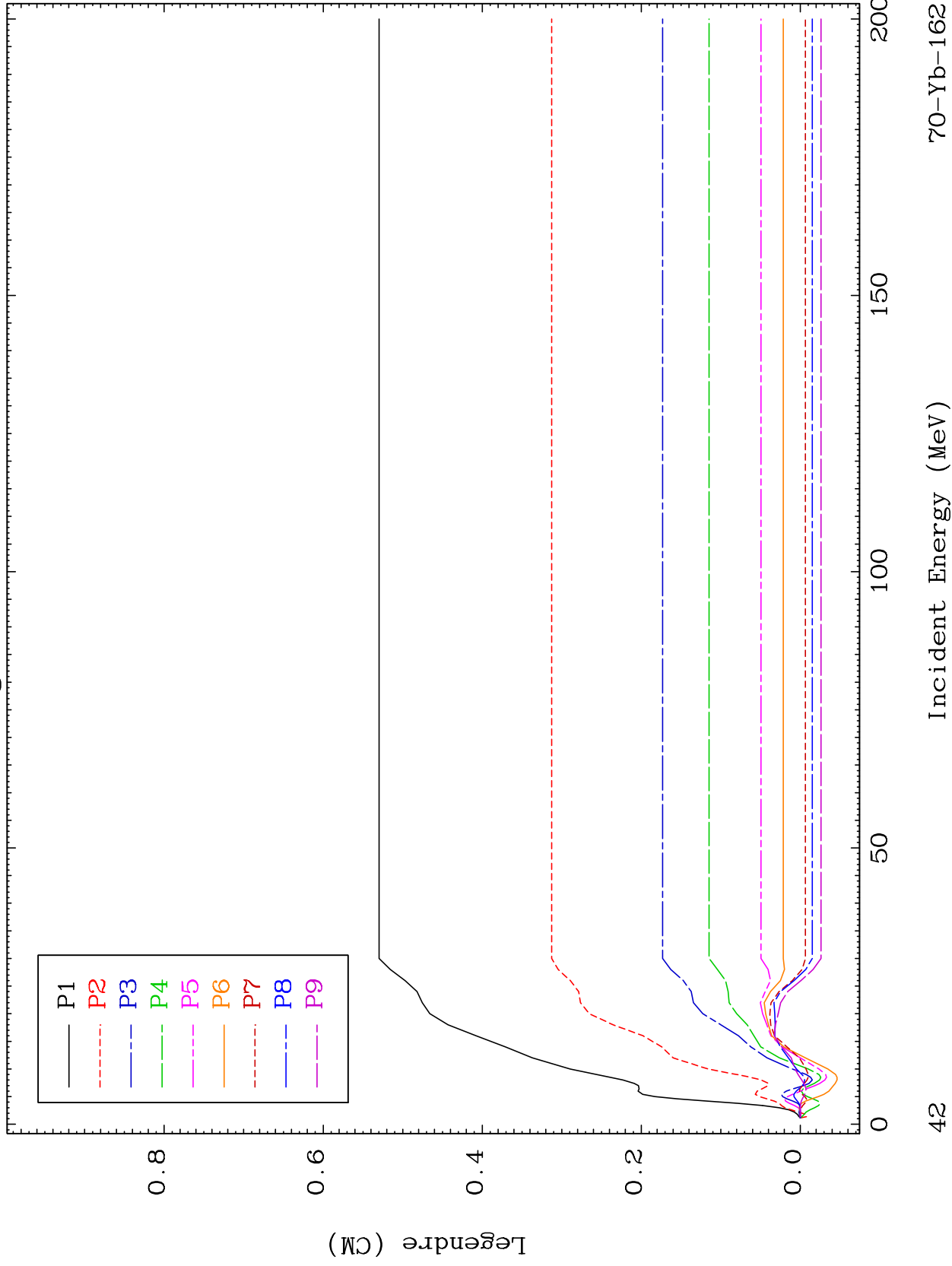




MAT 7007

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

70-Yb-162



70-Yb-162

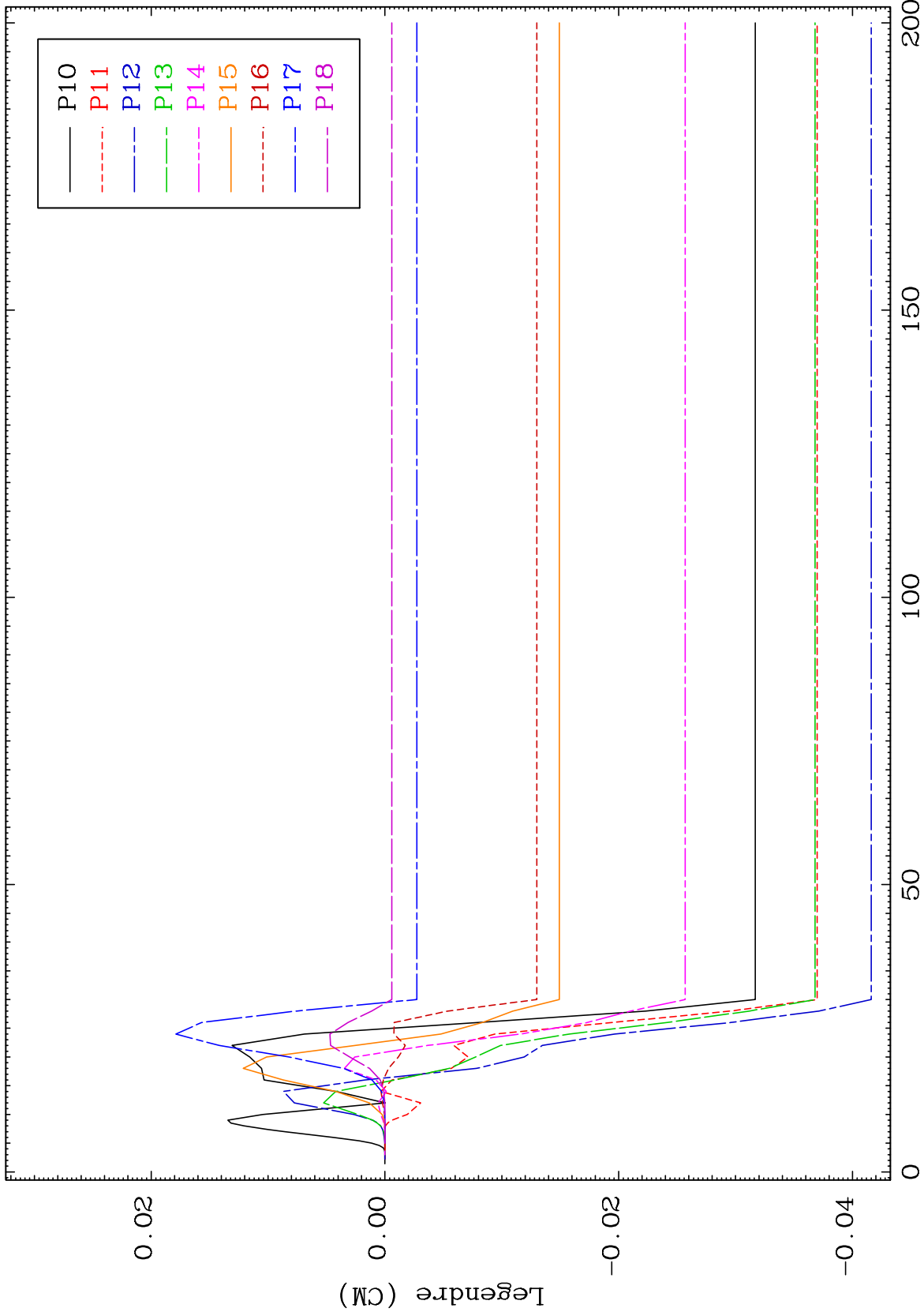
Incident Energy (MeV)

42

MAT 7007

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

70-Yb-162



43

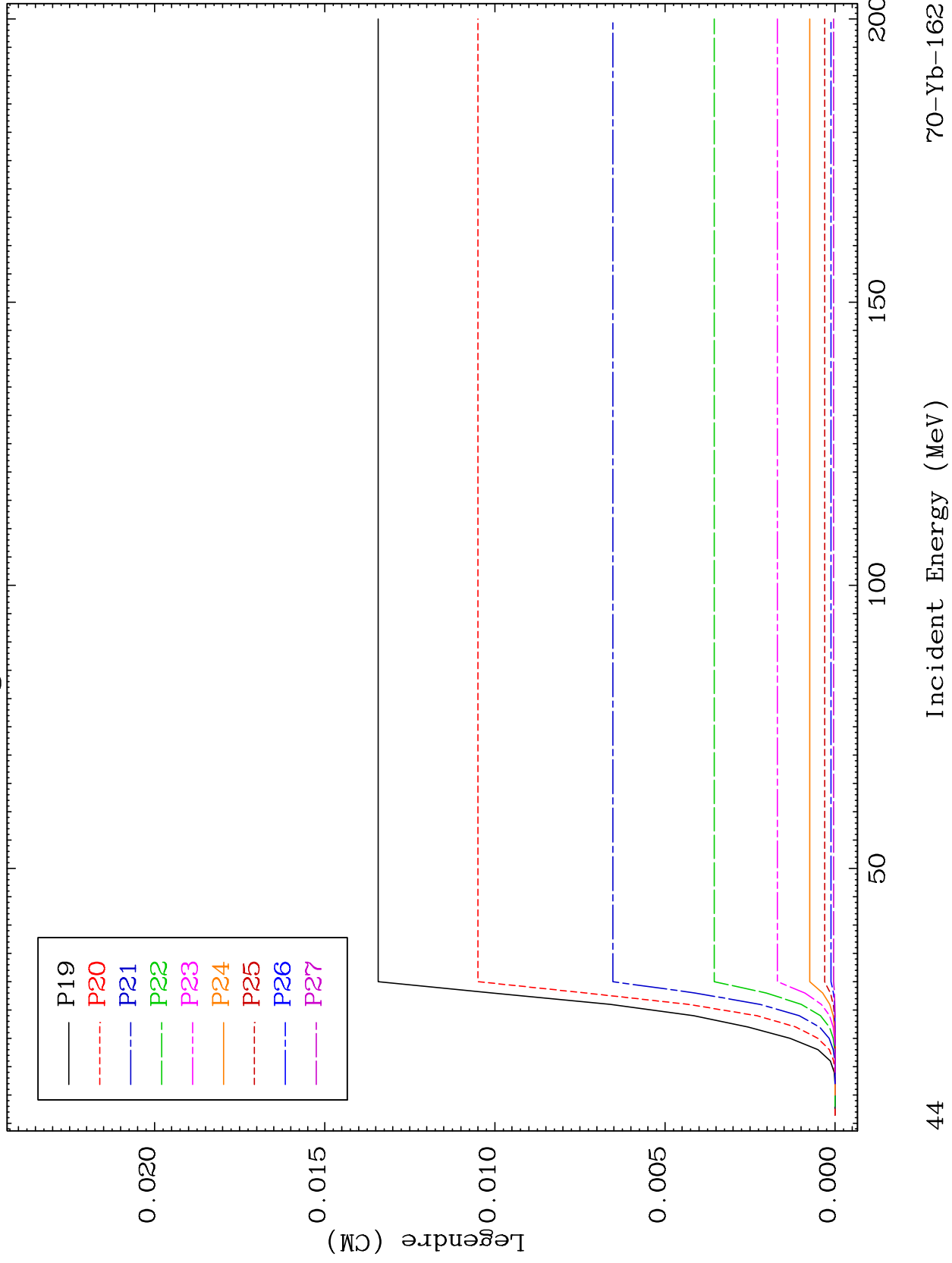
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

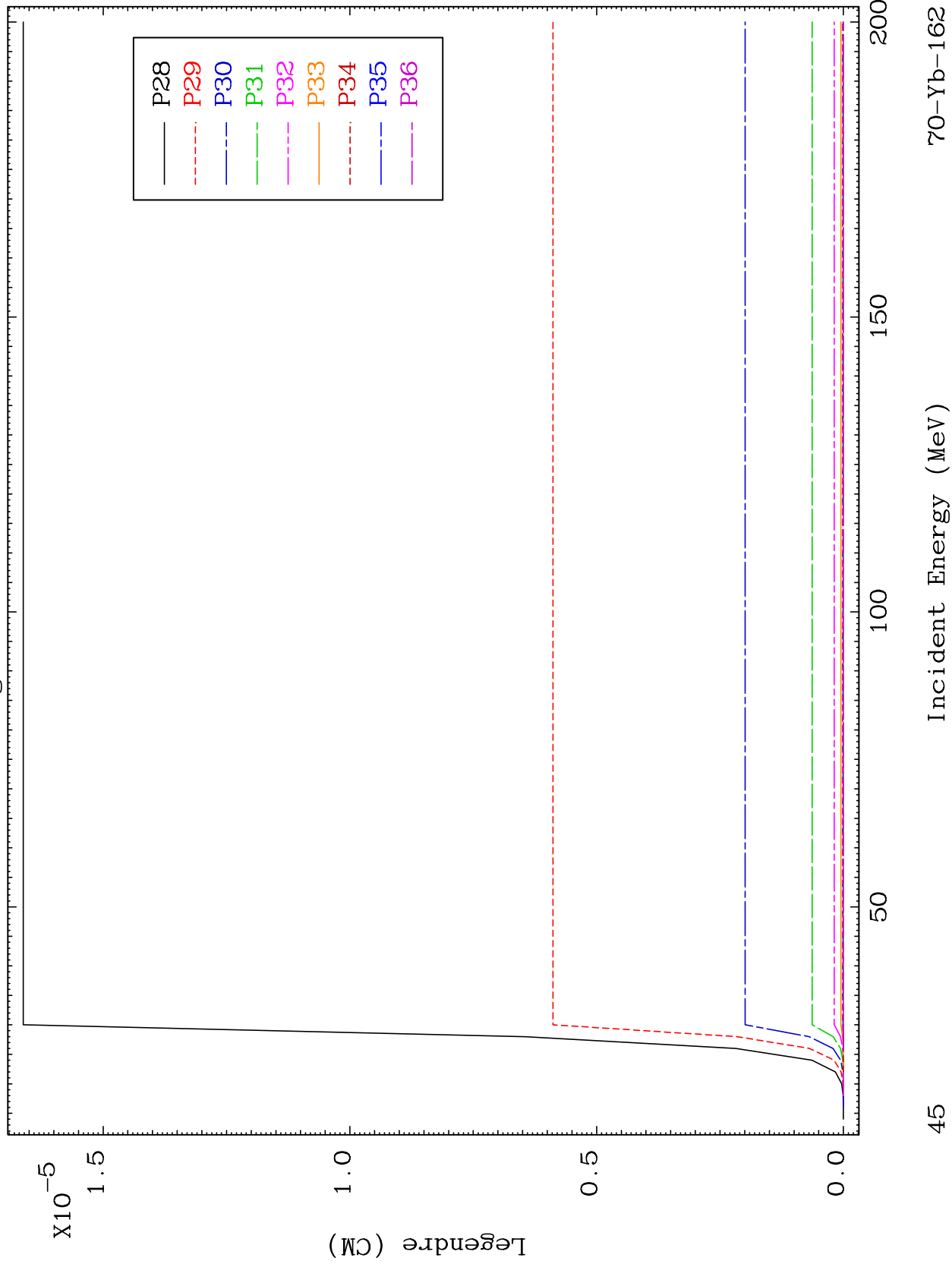
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MAT 7007

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

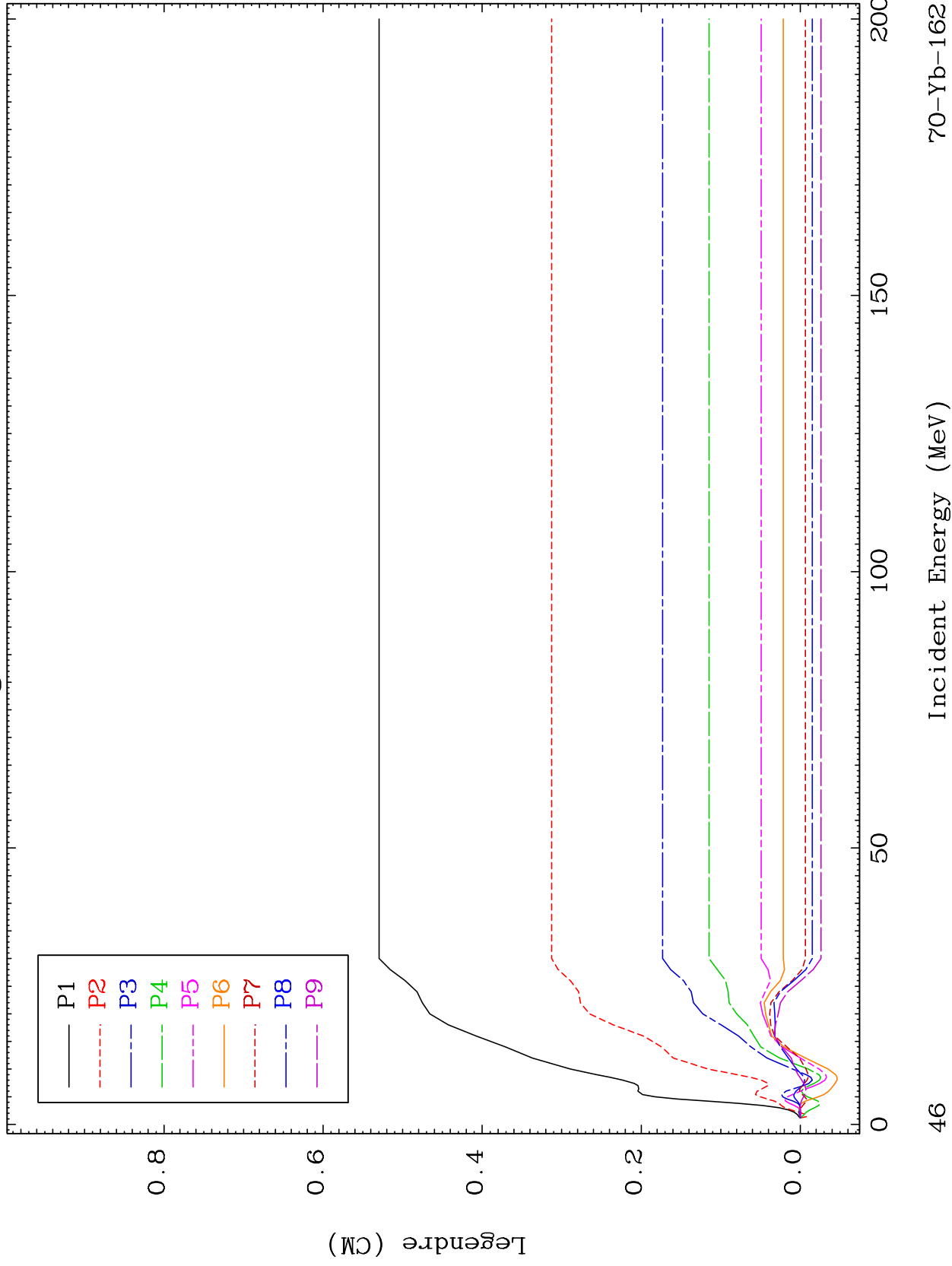
70-Yb-162



MAT 7007

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

70-Yb-162



46

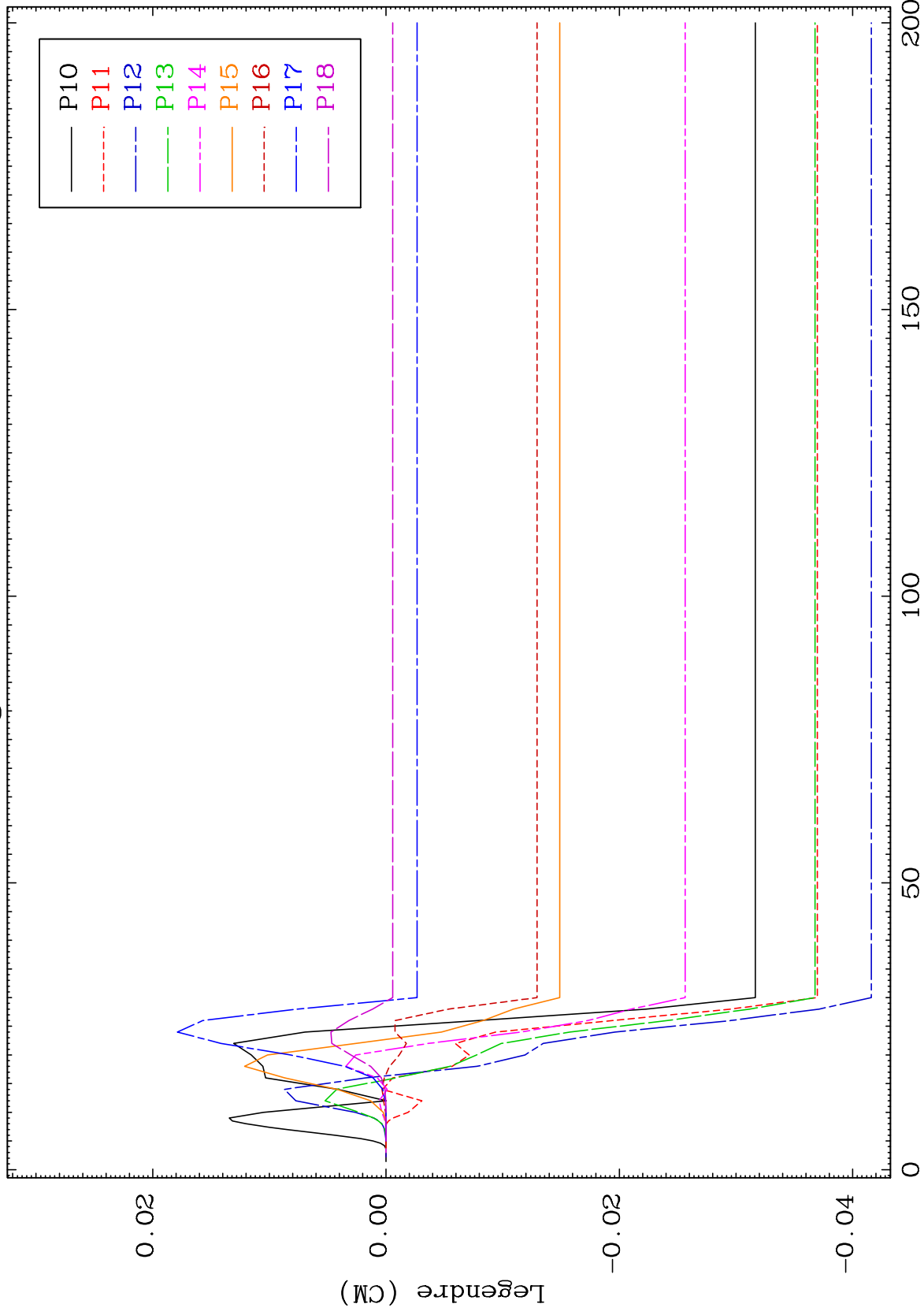
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



47

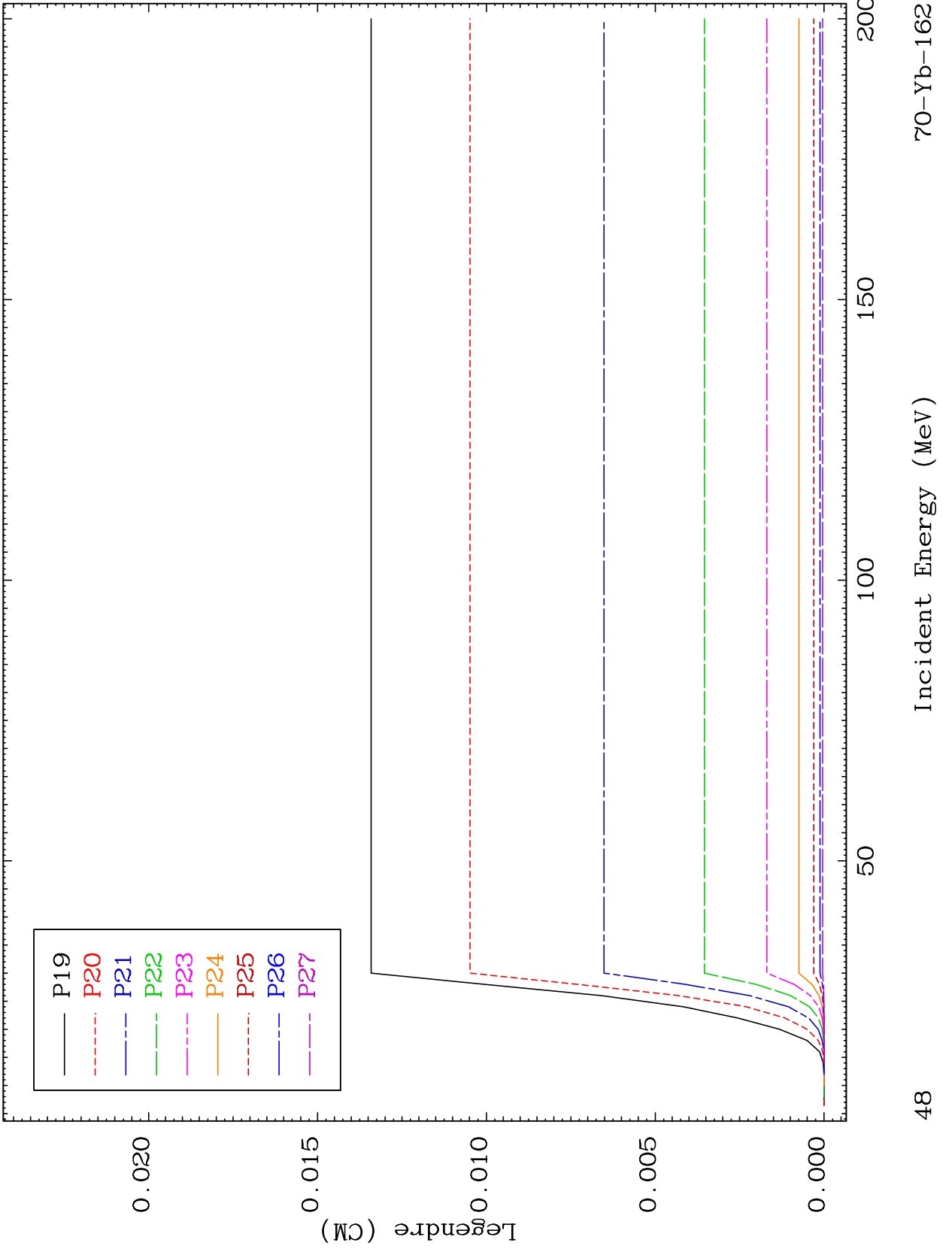
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



48

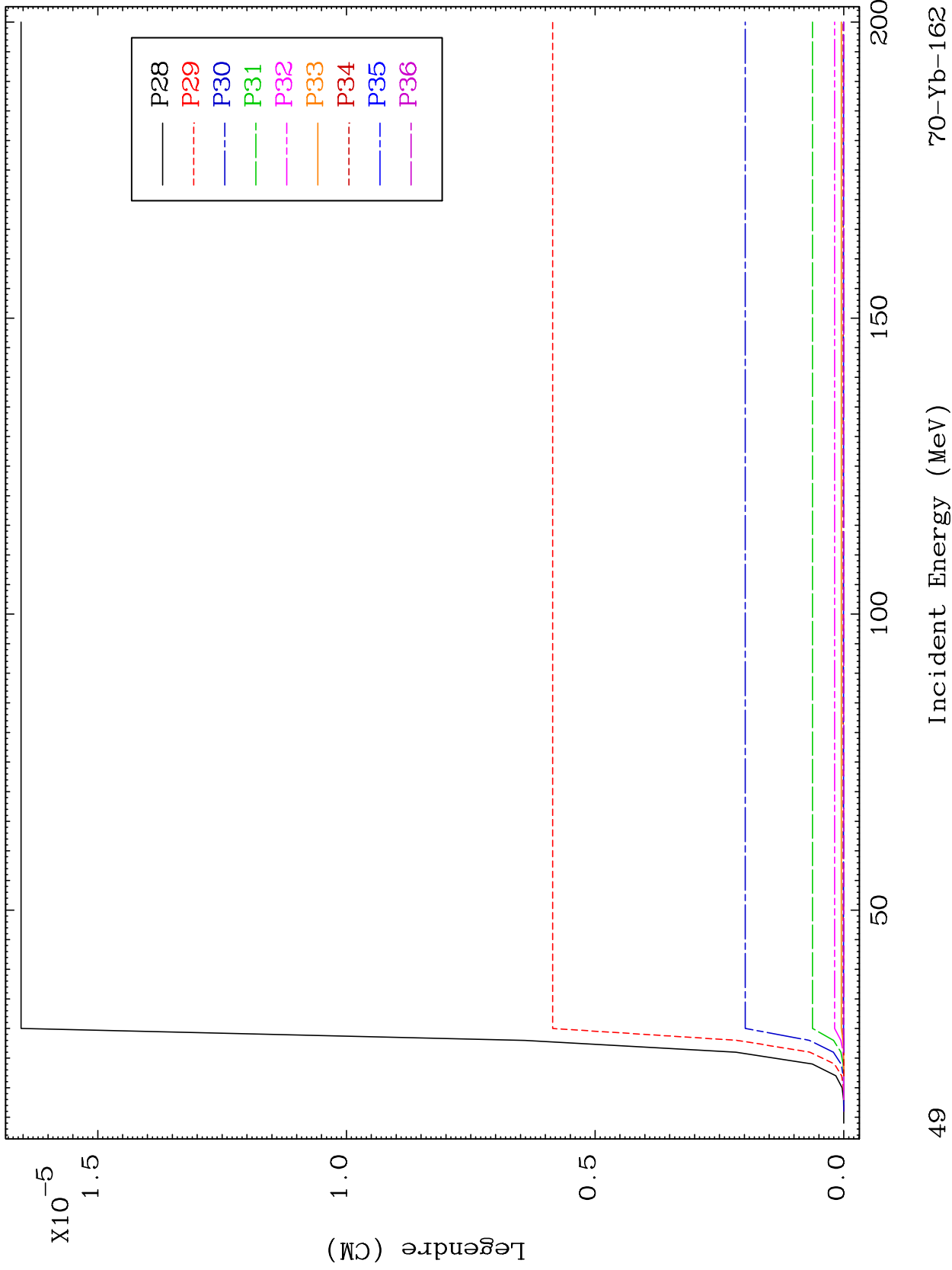
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

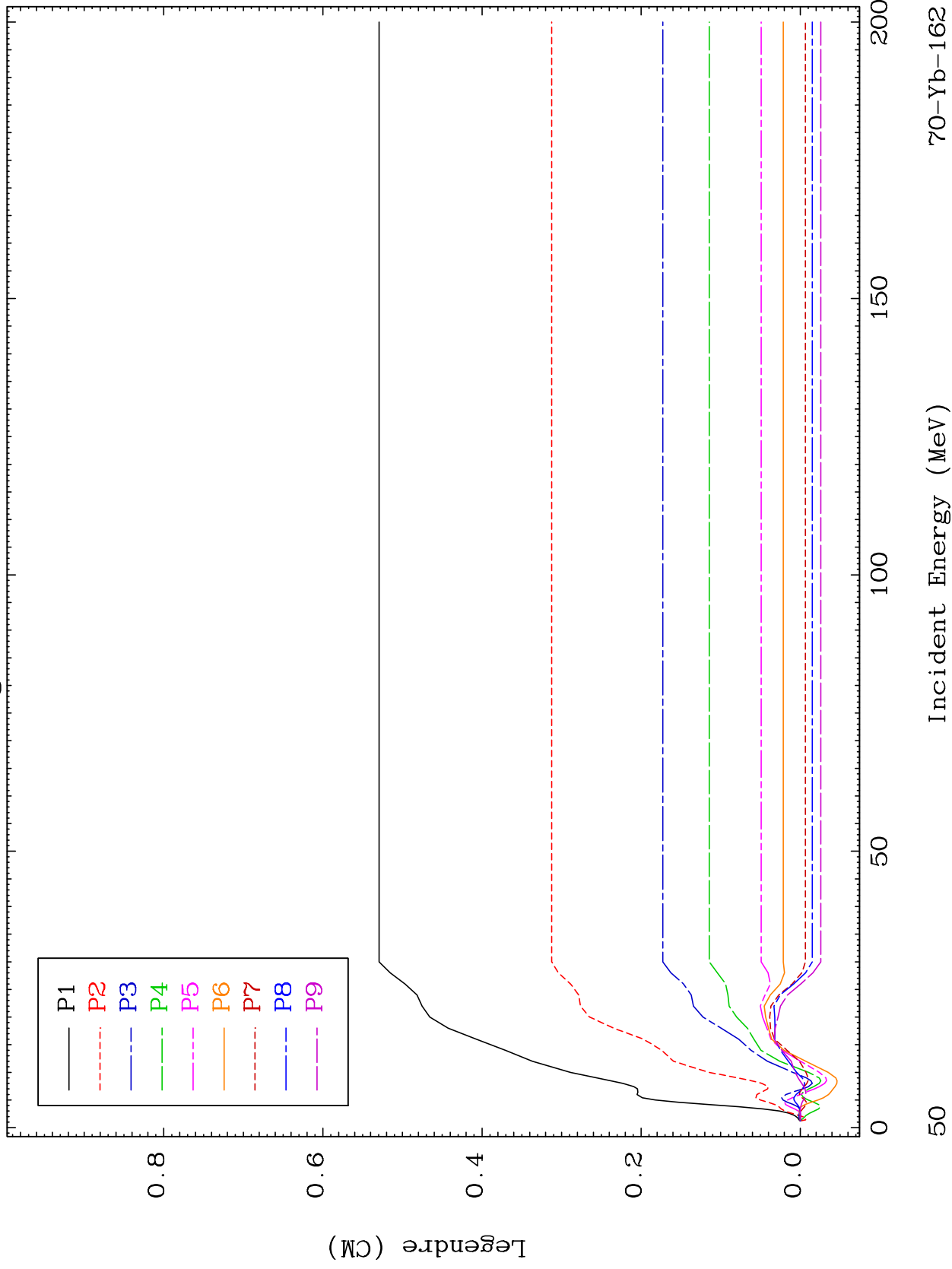
70-Yb-162



MAT 7007

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

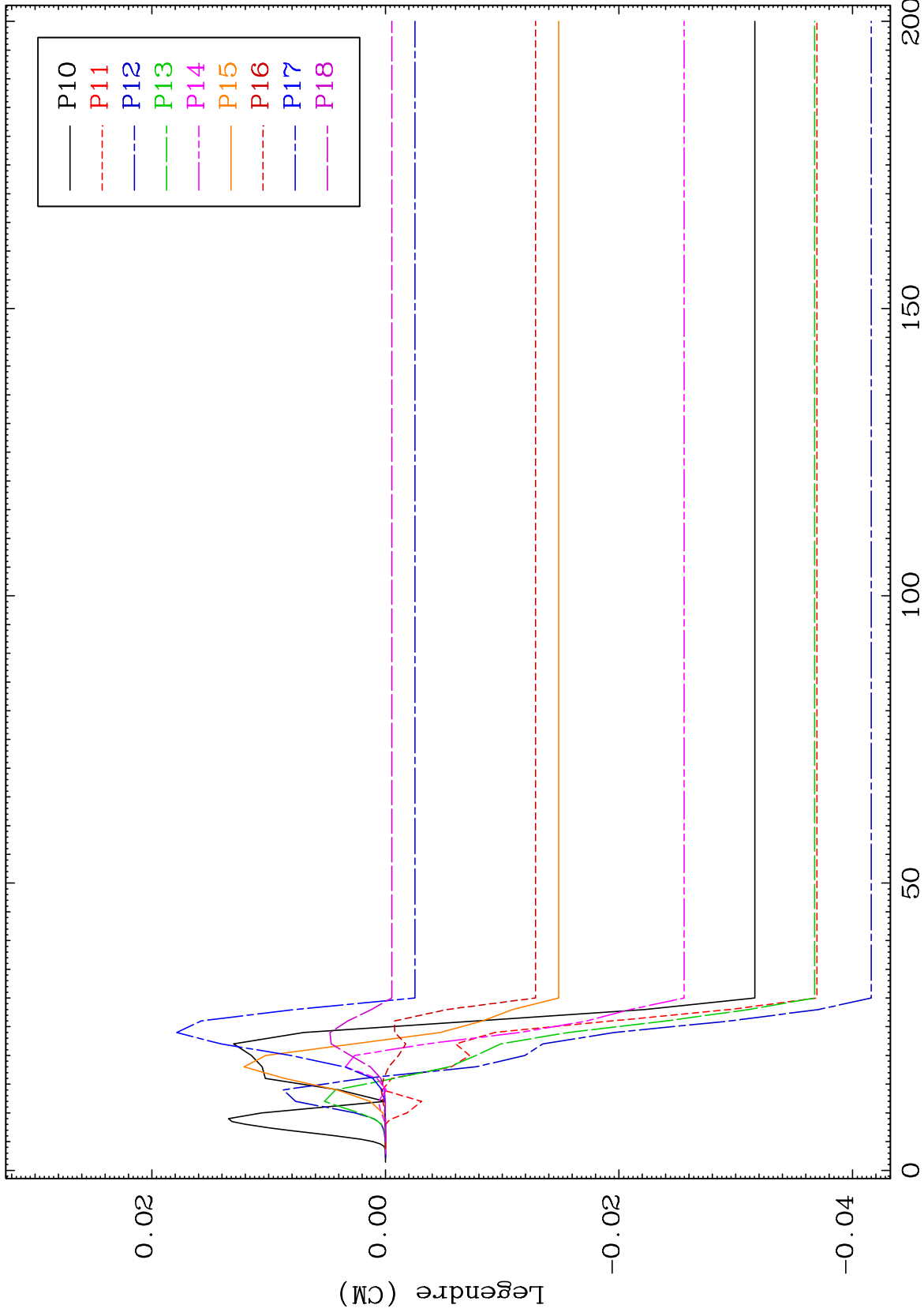
70-Yb-162



MAT 7007

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

70-Yb-162



51

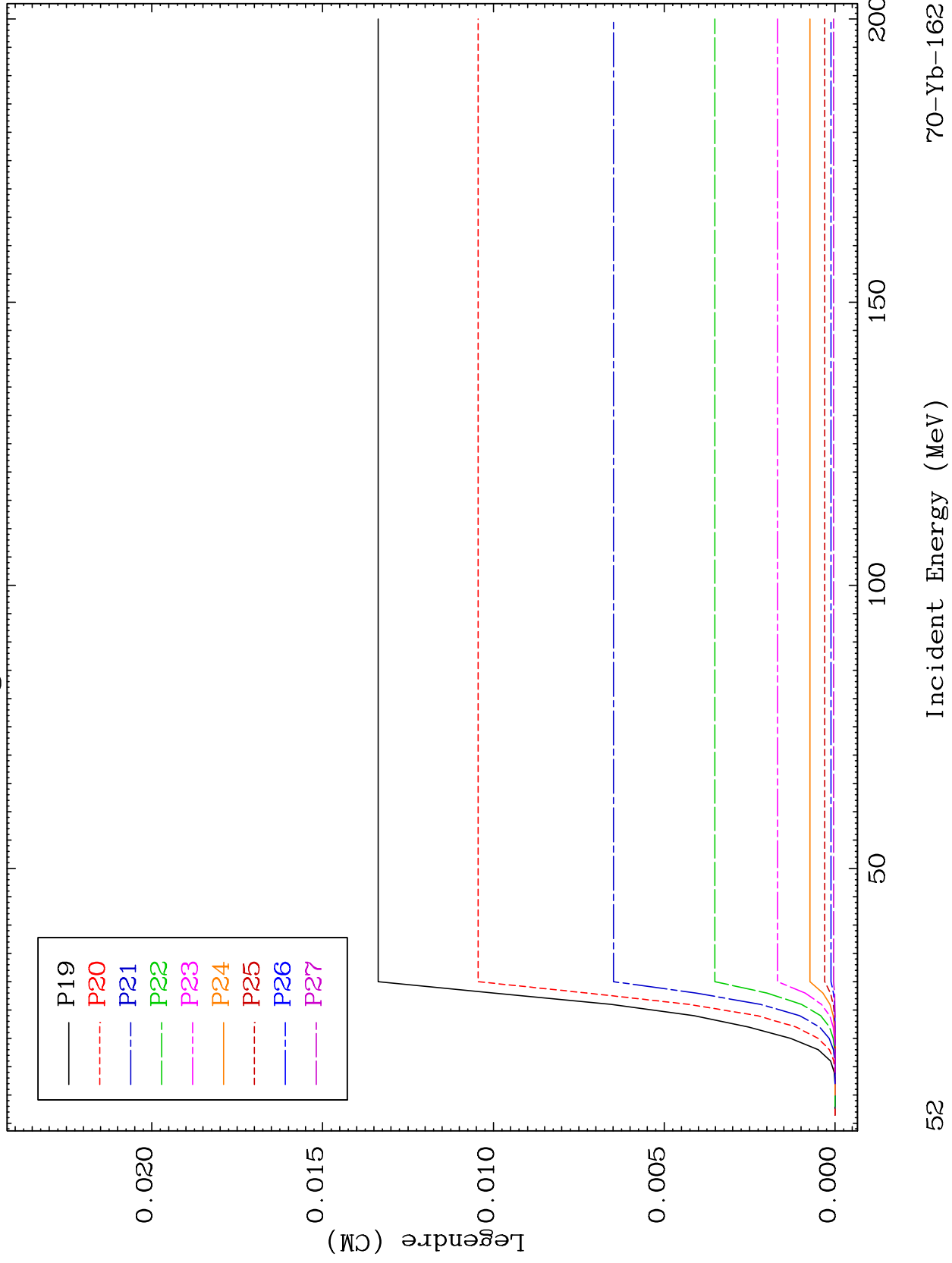
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



52

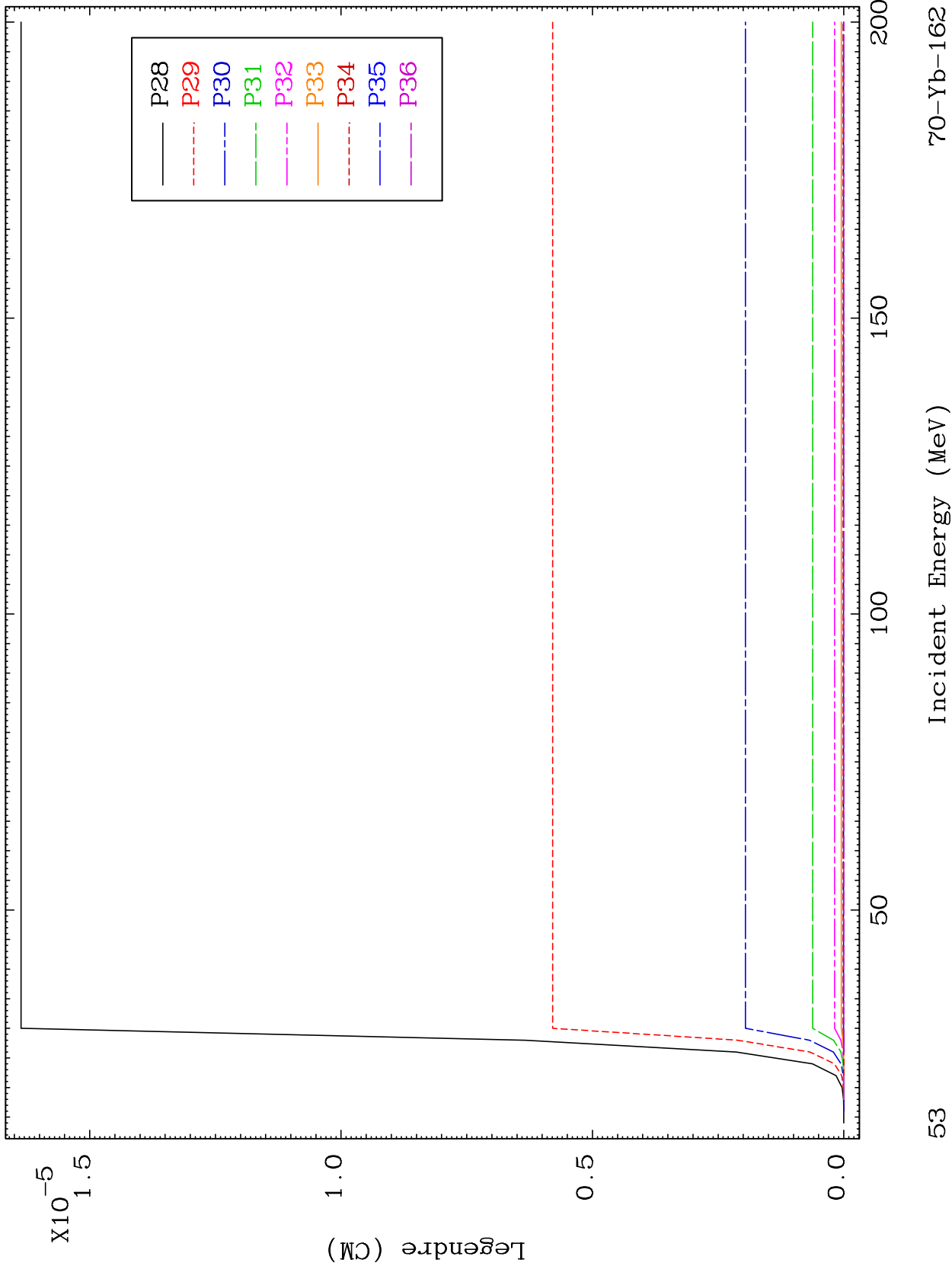
Incident Energy (MeV)

70-Yb-162

MAT 7007

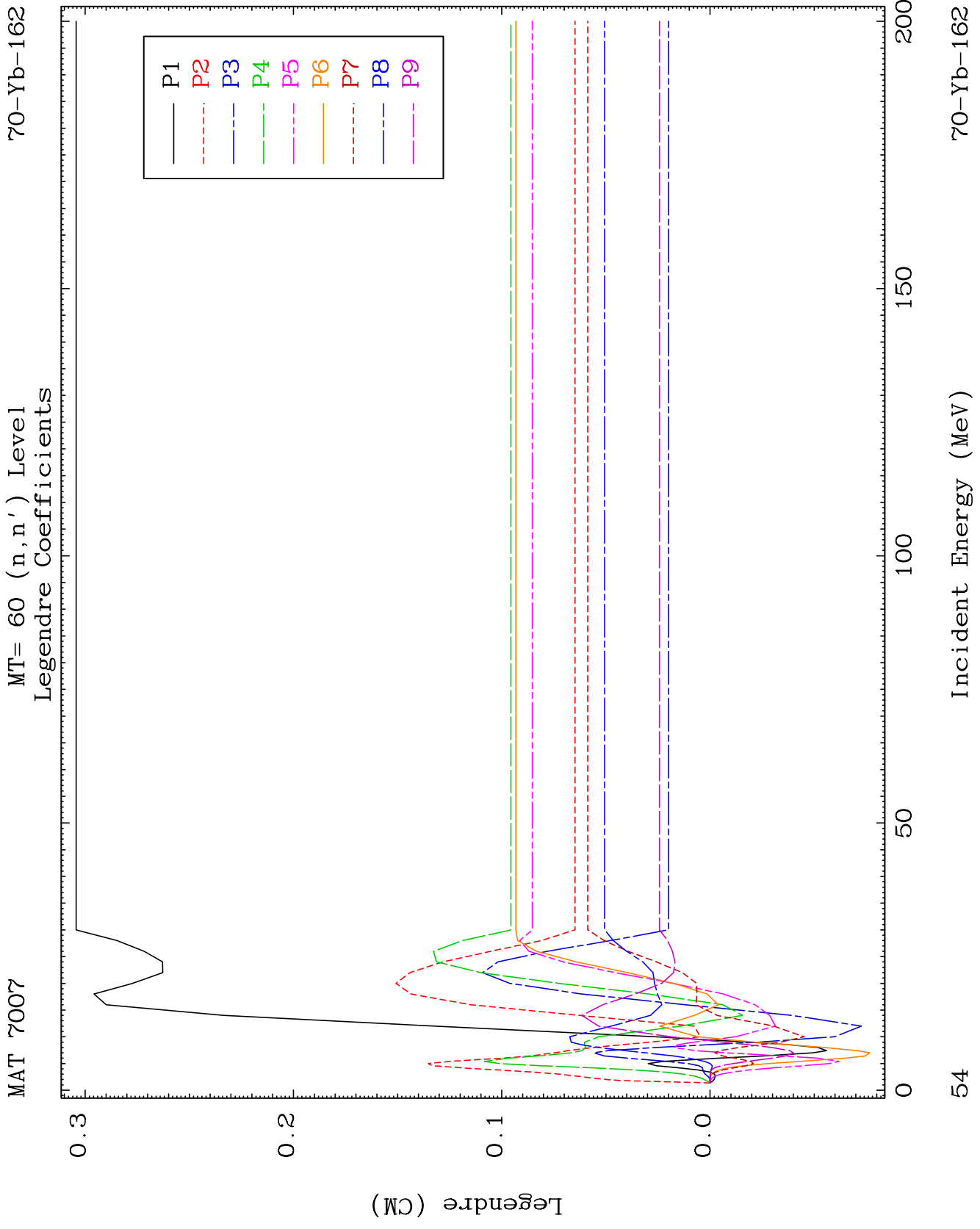
MT= 59 (n,n') Level
Legendre Coefficients

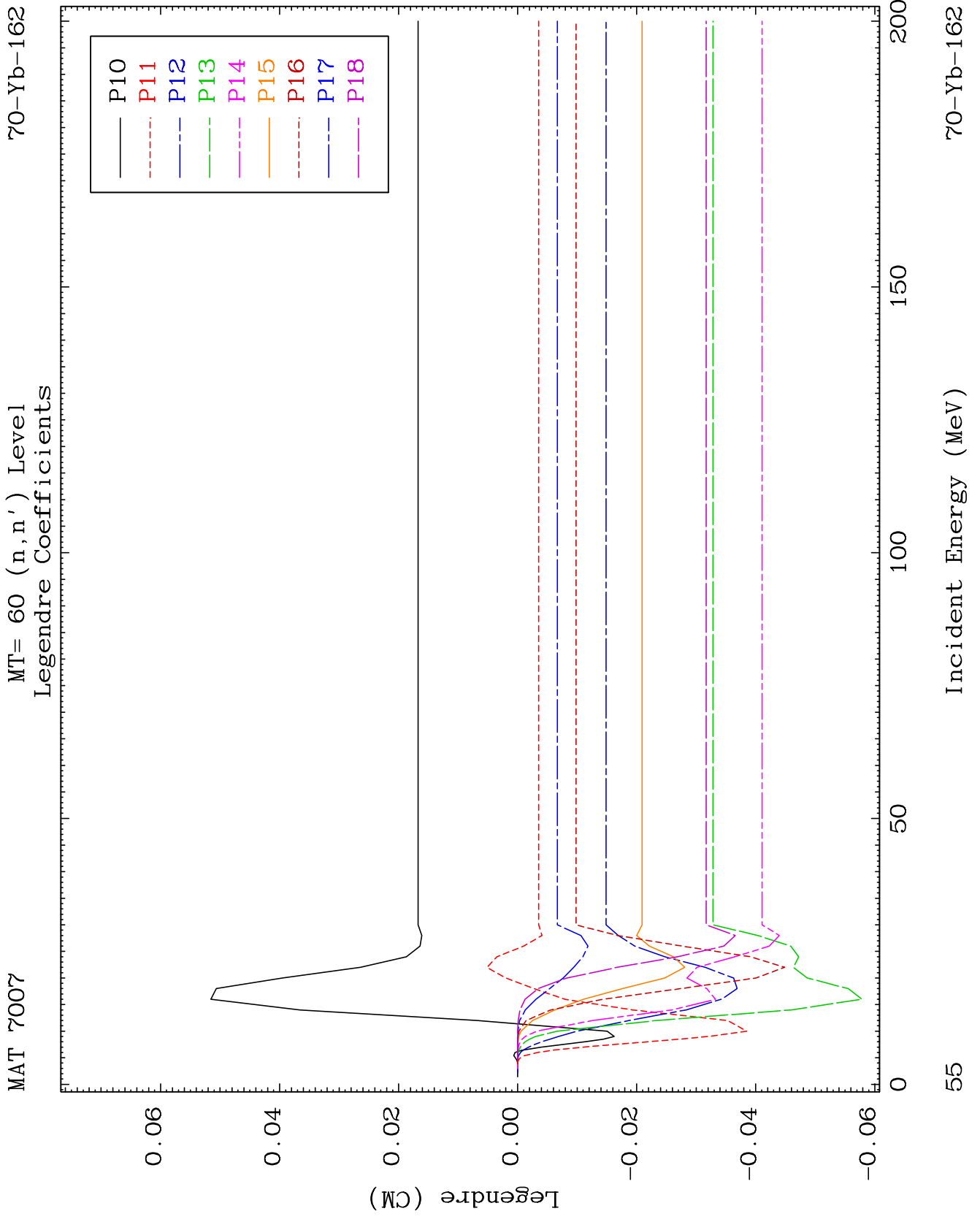
70-Yb-162



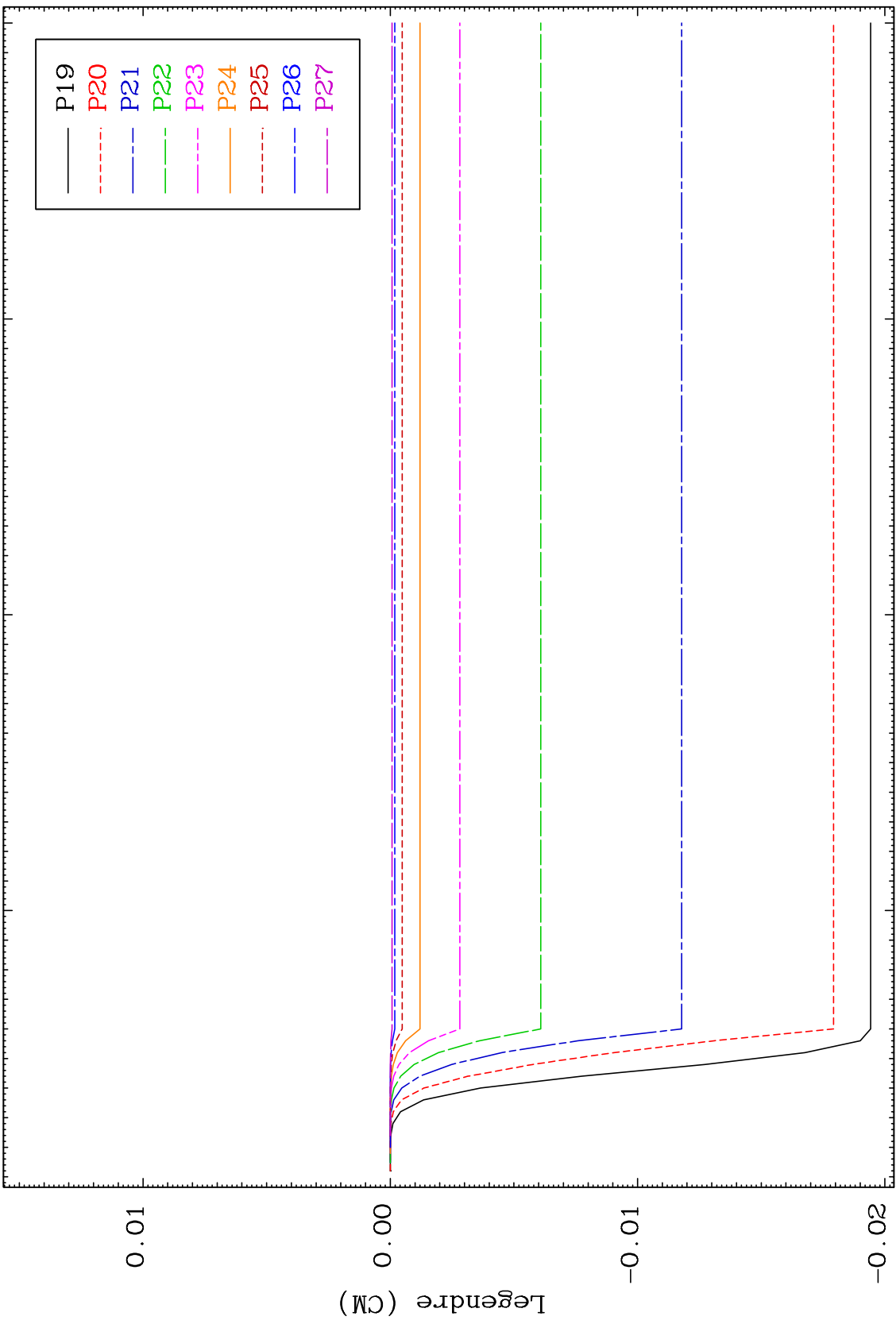
53

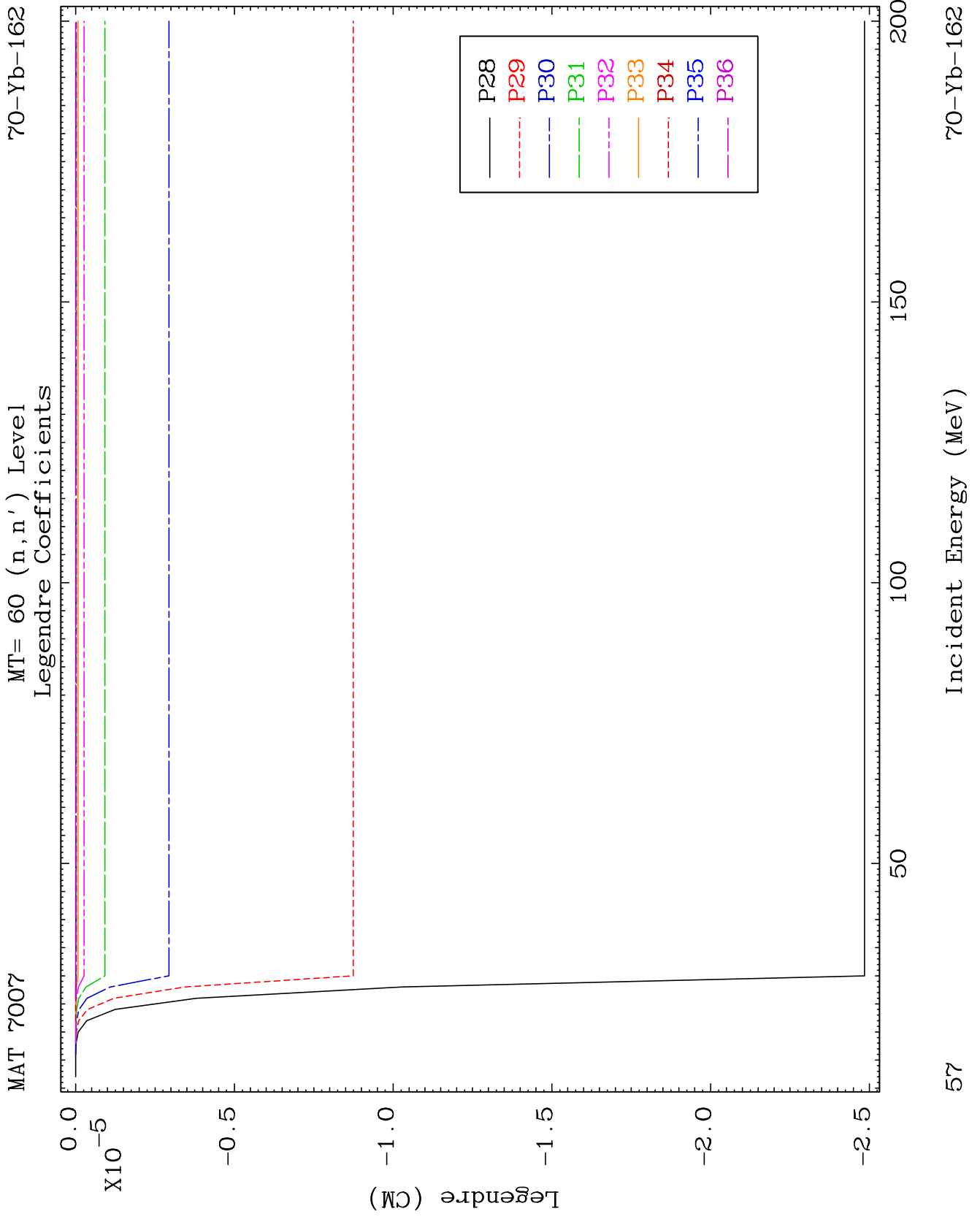
70-Yb-162

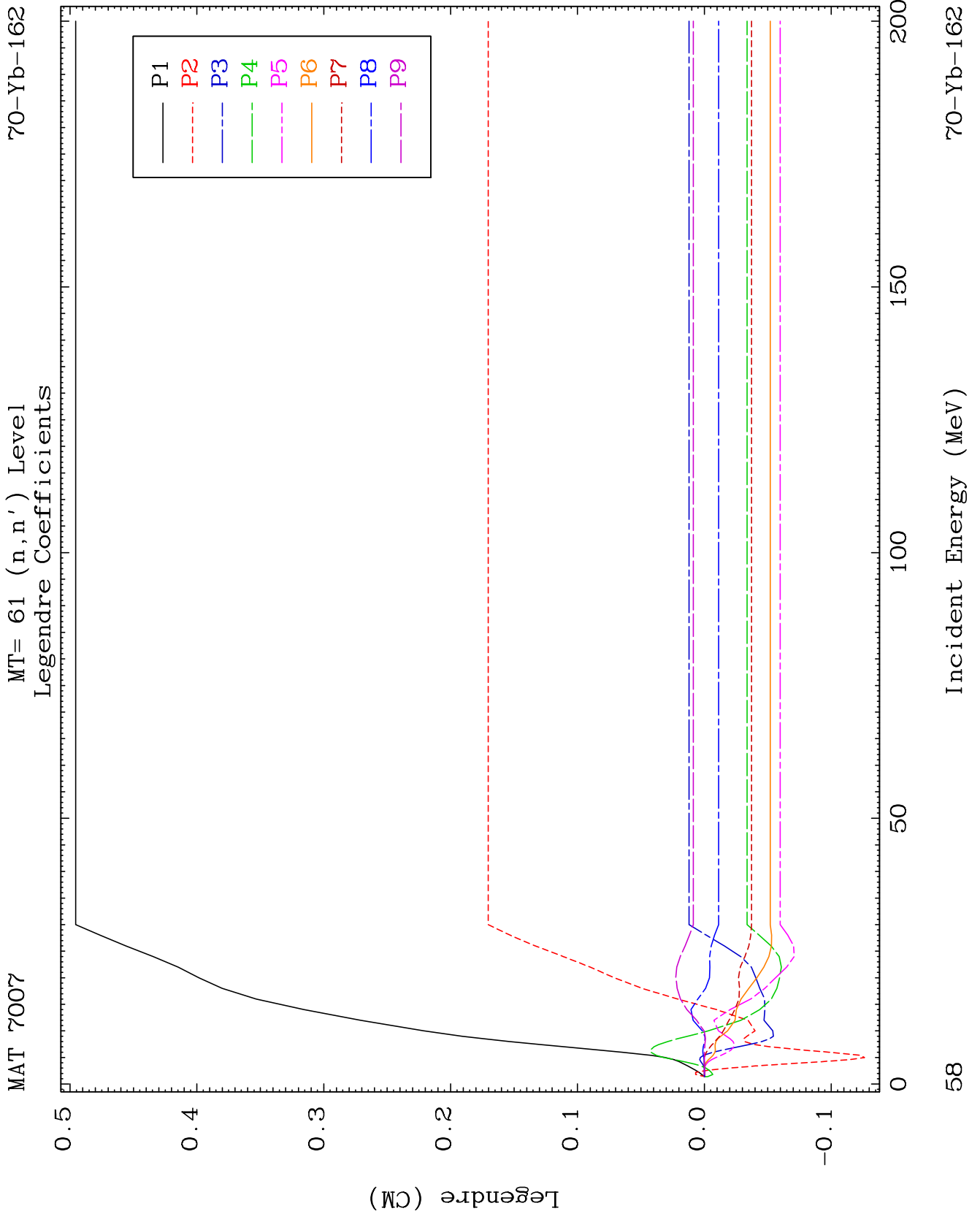




MAT 7007 MT= 60 (n,n') Level Legendre Coefficients 70-Yb-162



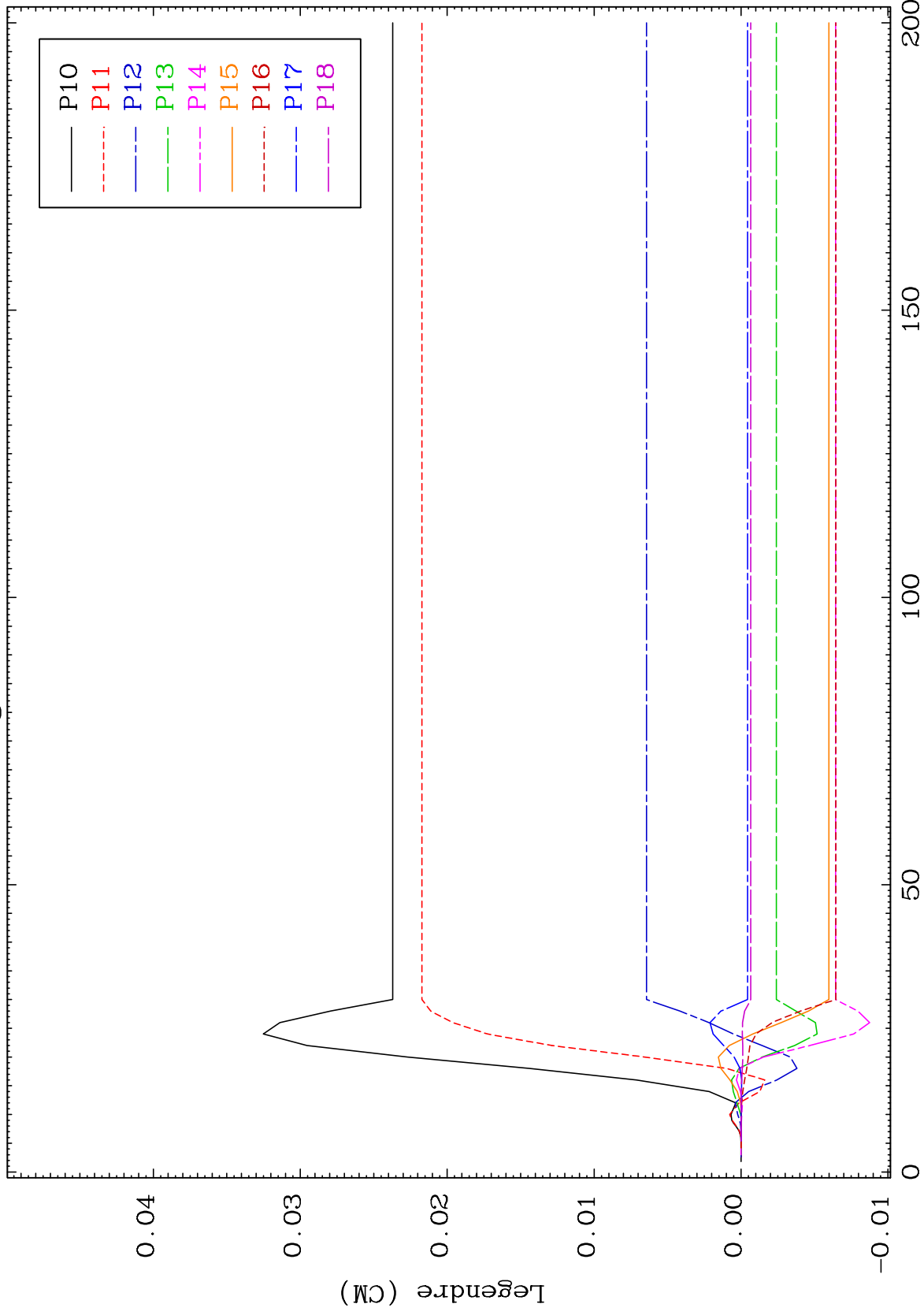




MAT 7007

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

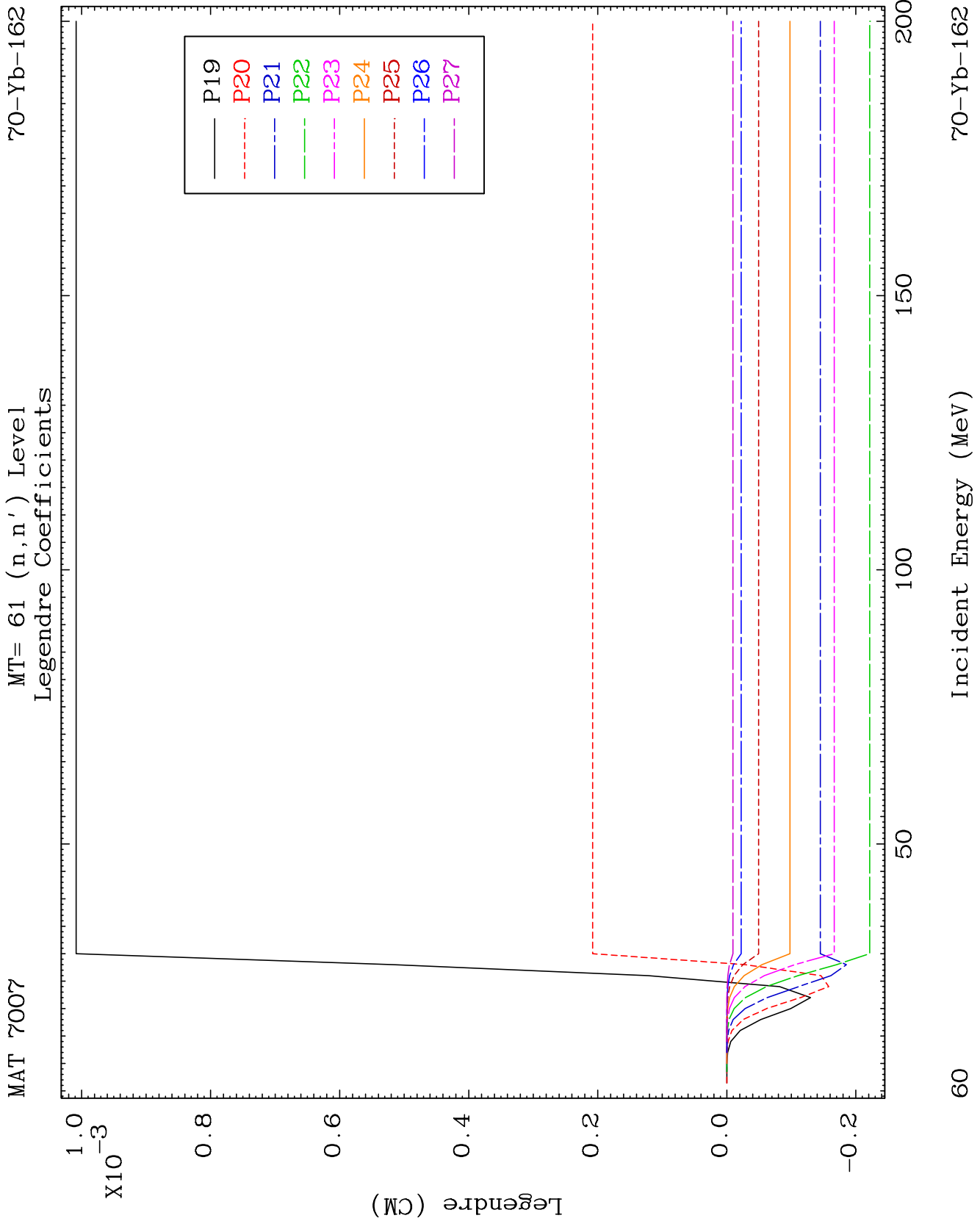
70-Yb-162

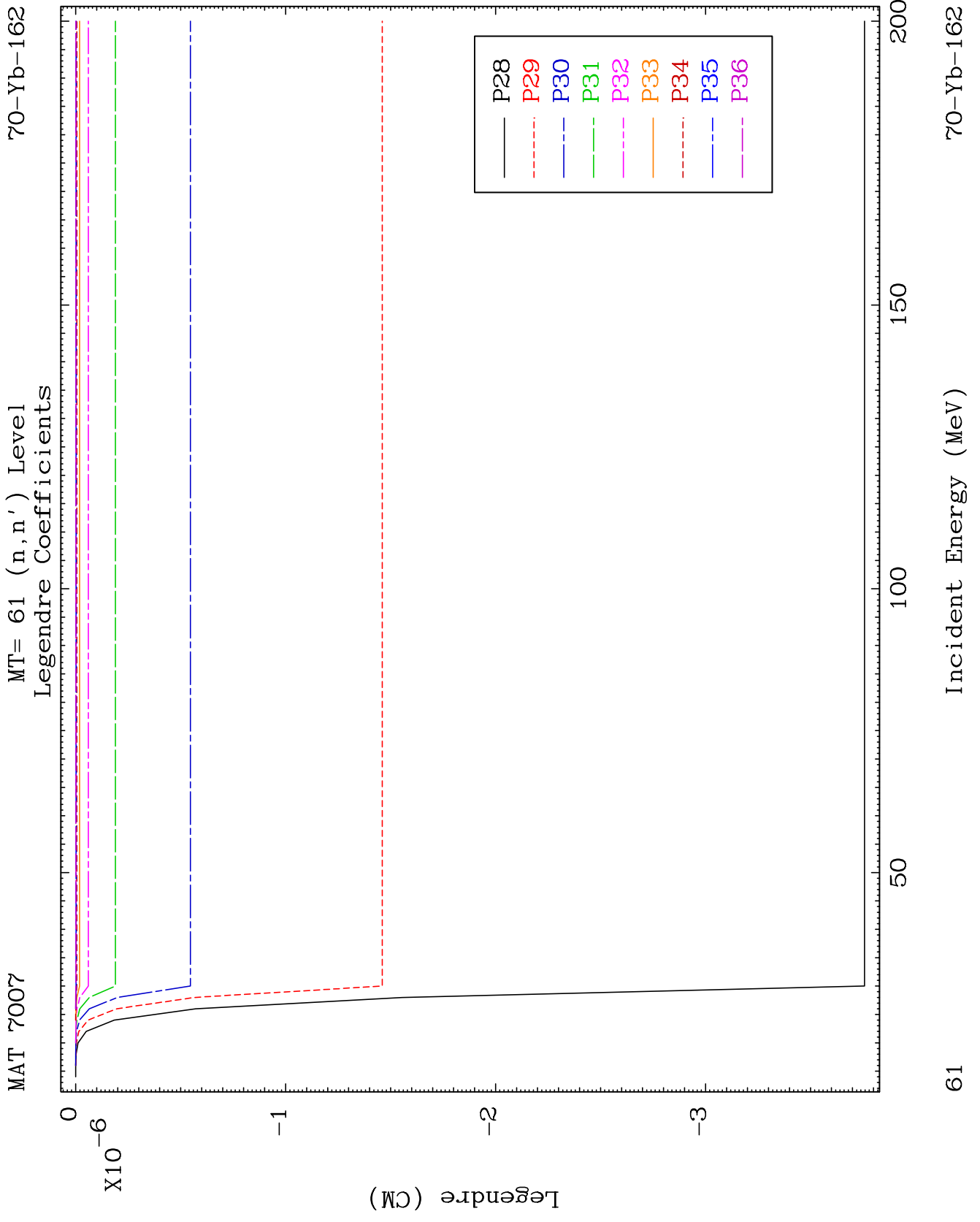


59

Incident Energy (MeV)

70-Yb-162

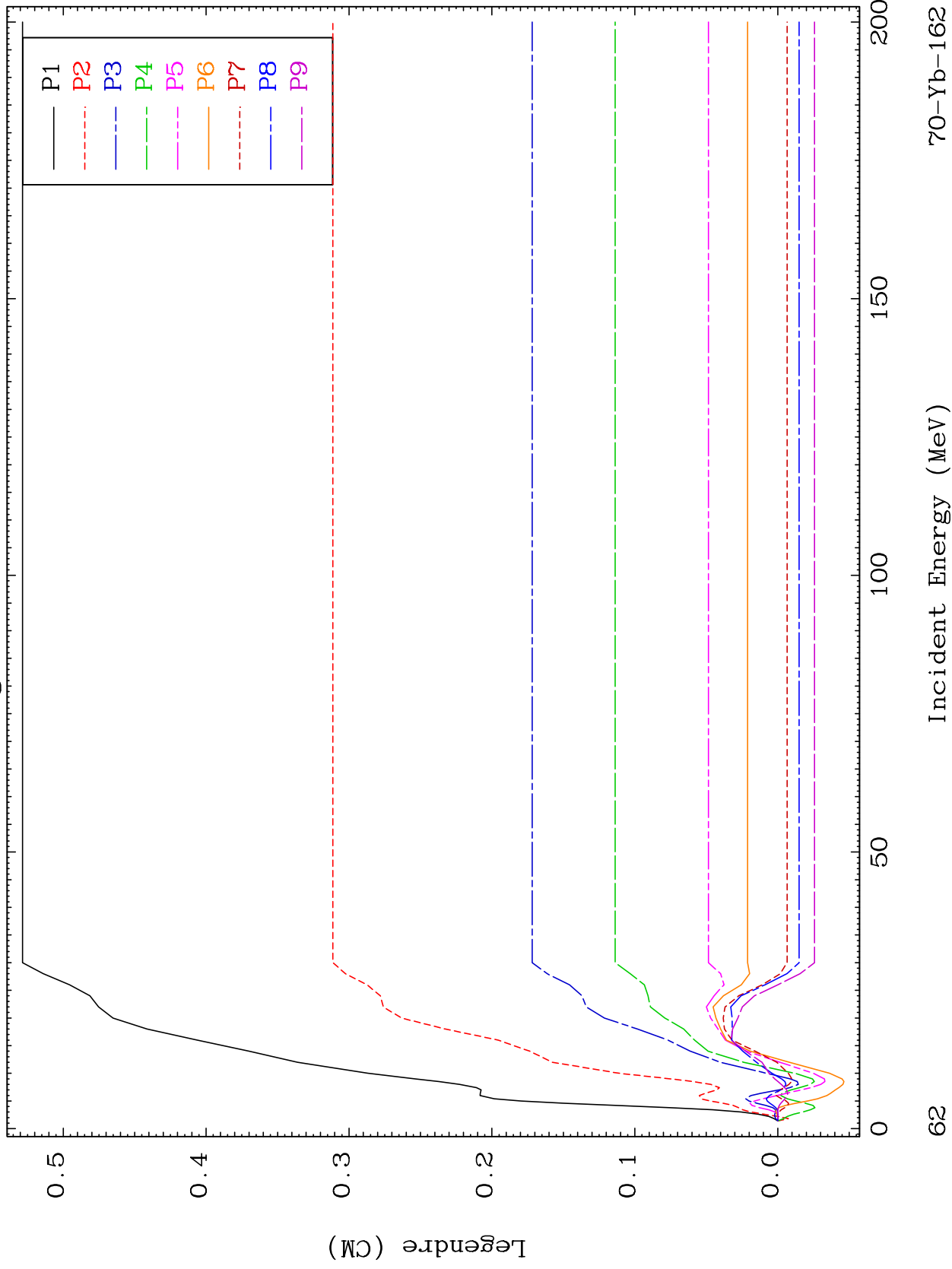


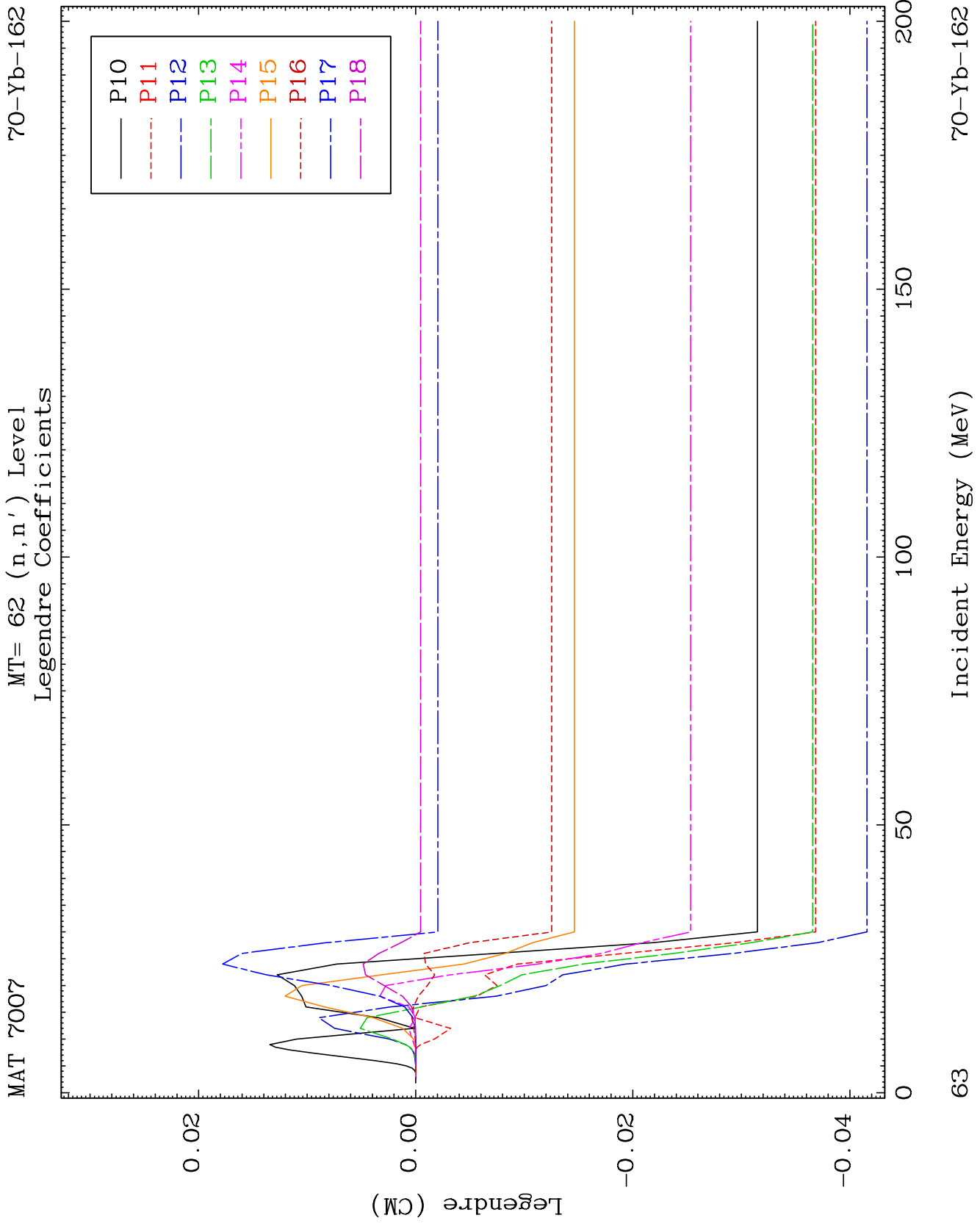


MAT 7007

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

70-Yb-162

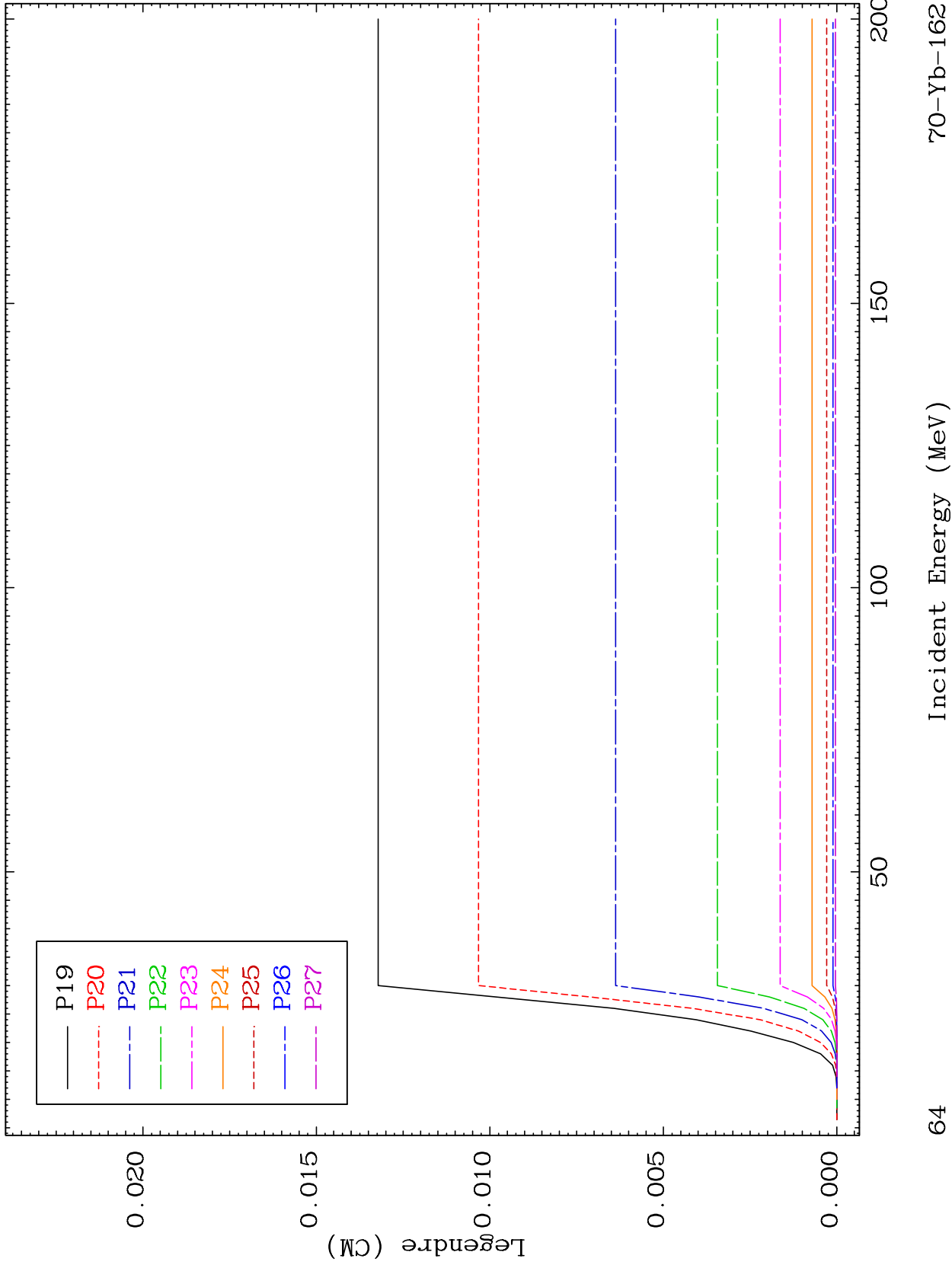




MAT 7007

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

70-Yb-162



64

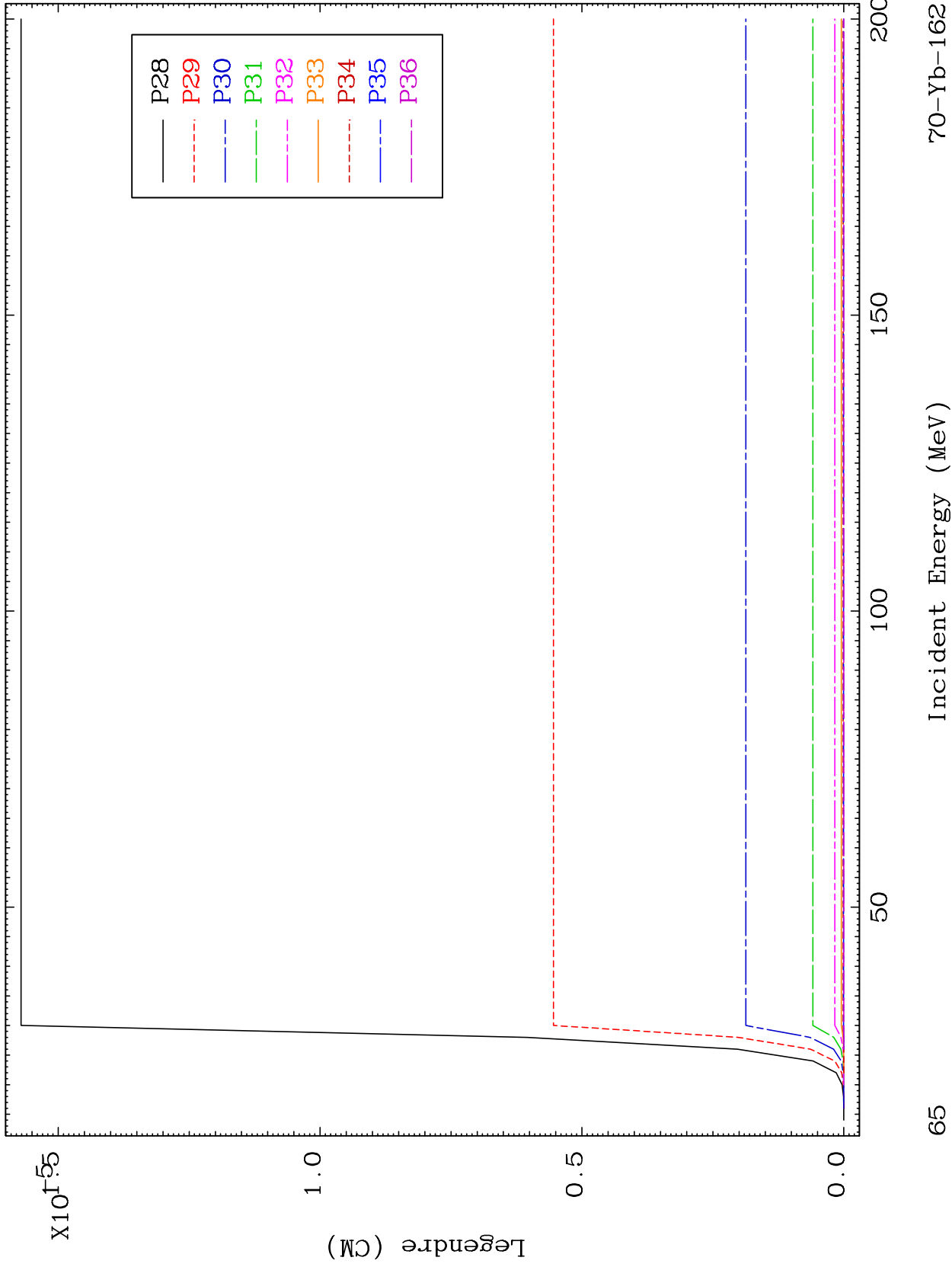
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



65

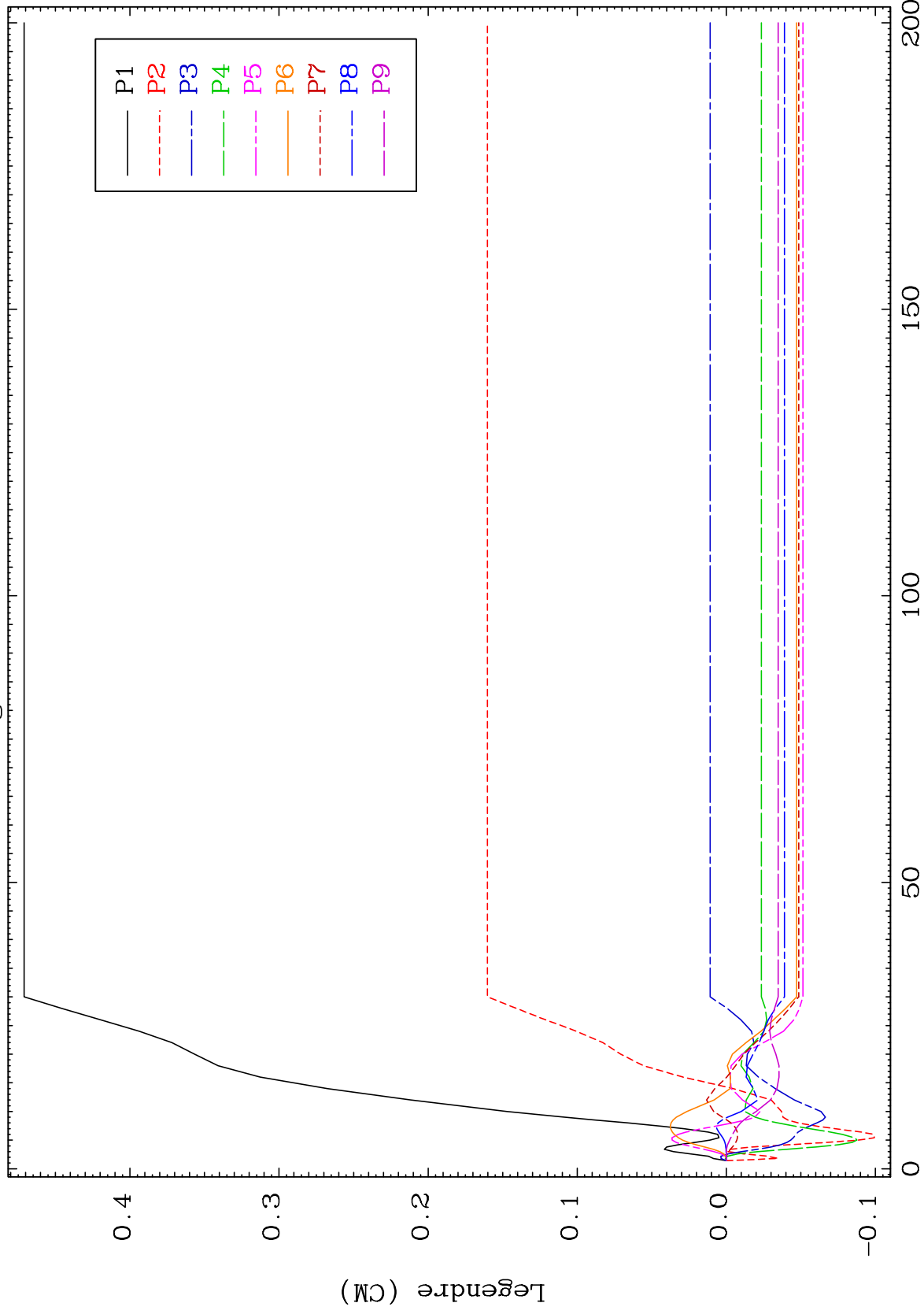
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



70-Yb-162

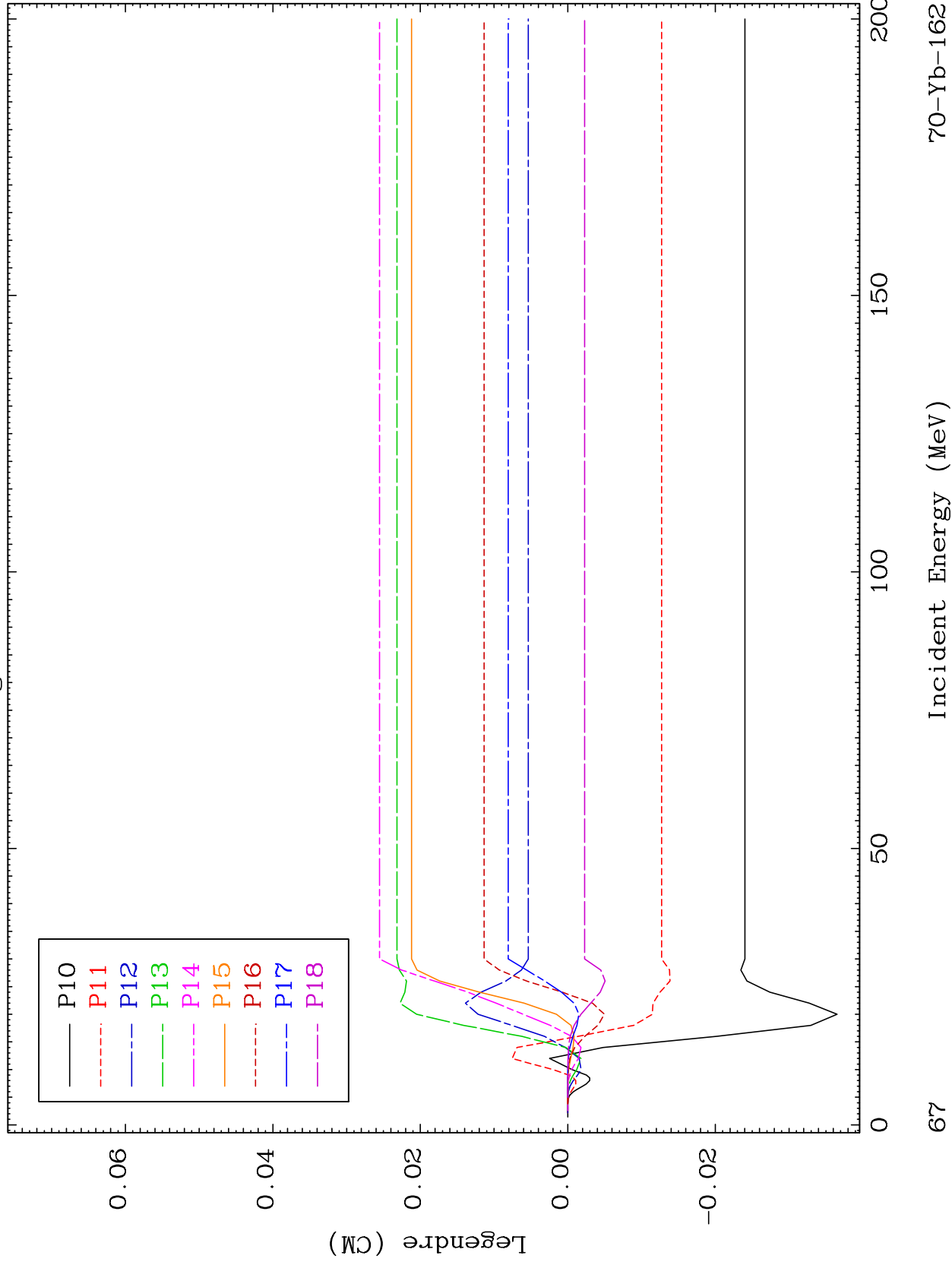
Incident Energy (MeV)

66

MAT 7007

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

70-Yb-162



67

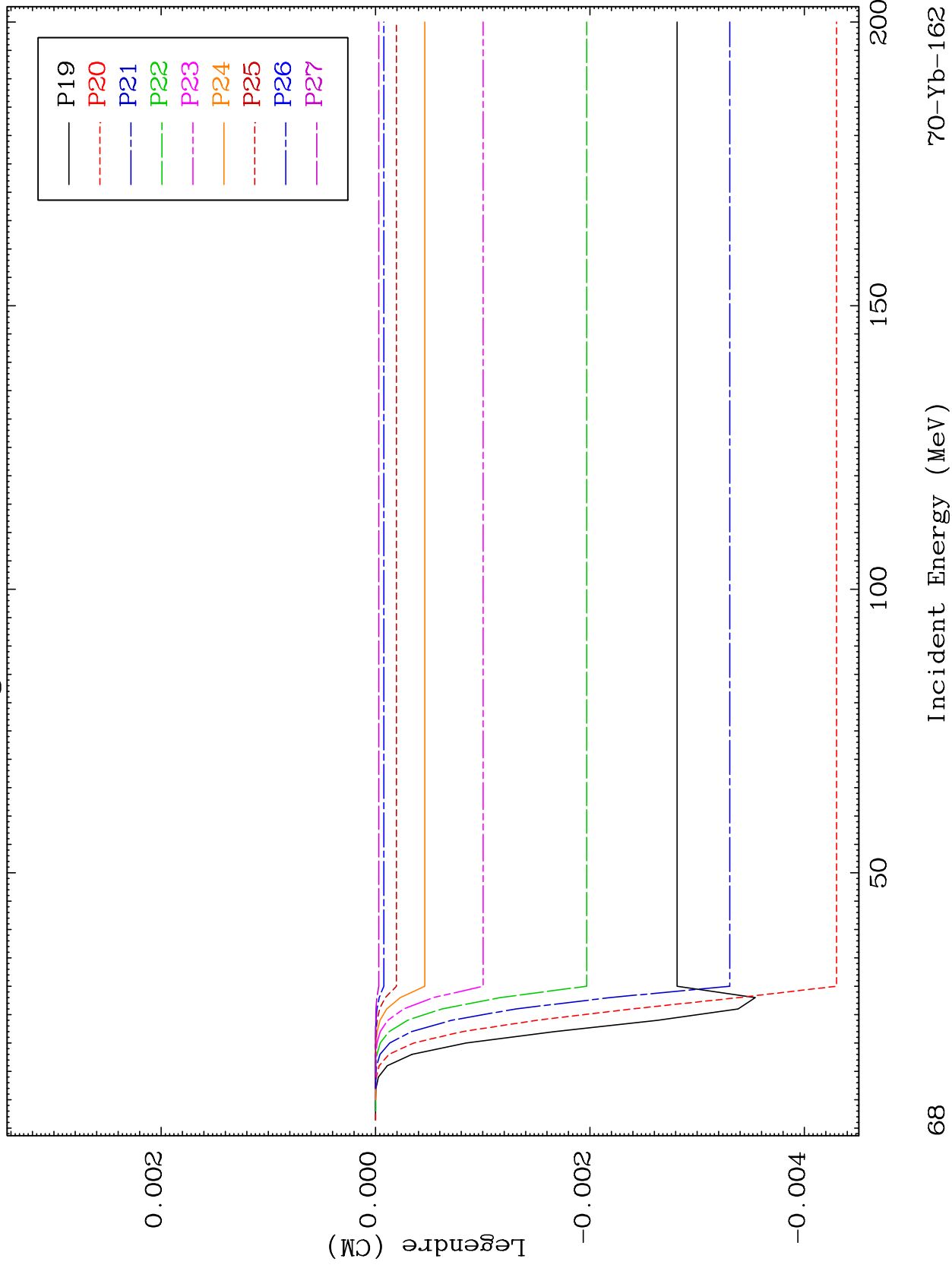
Incident Energy (MeV)

70-Yb-162

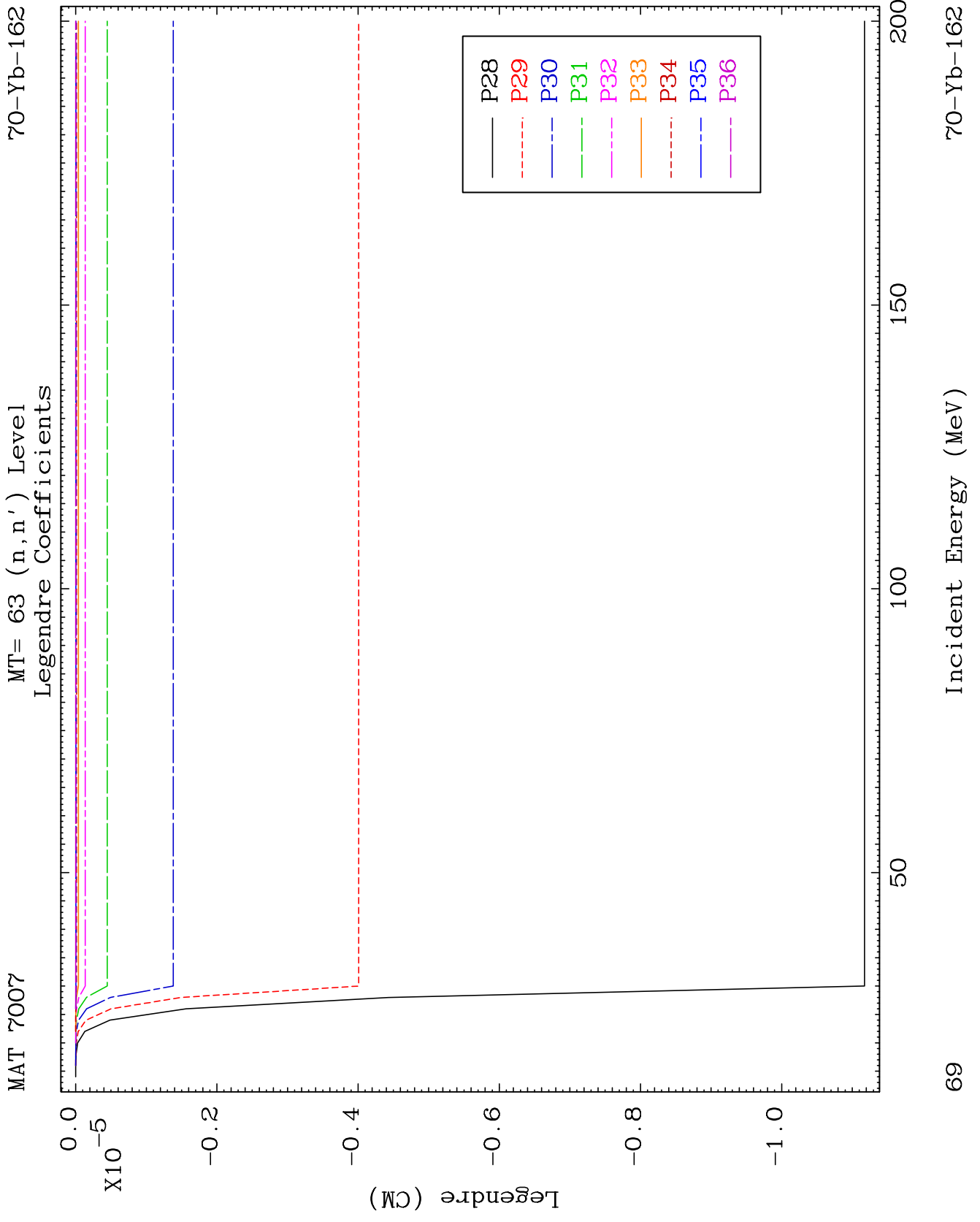
MAT 7007

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

70-Yb-162



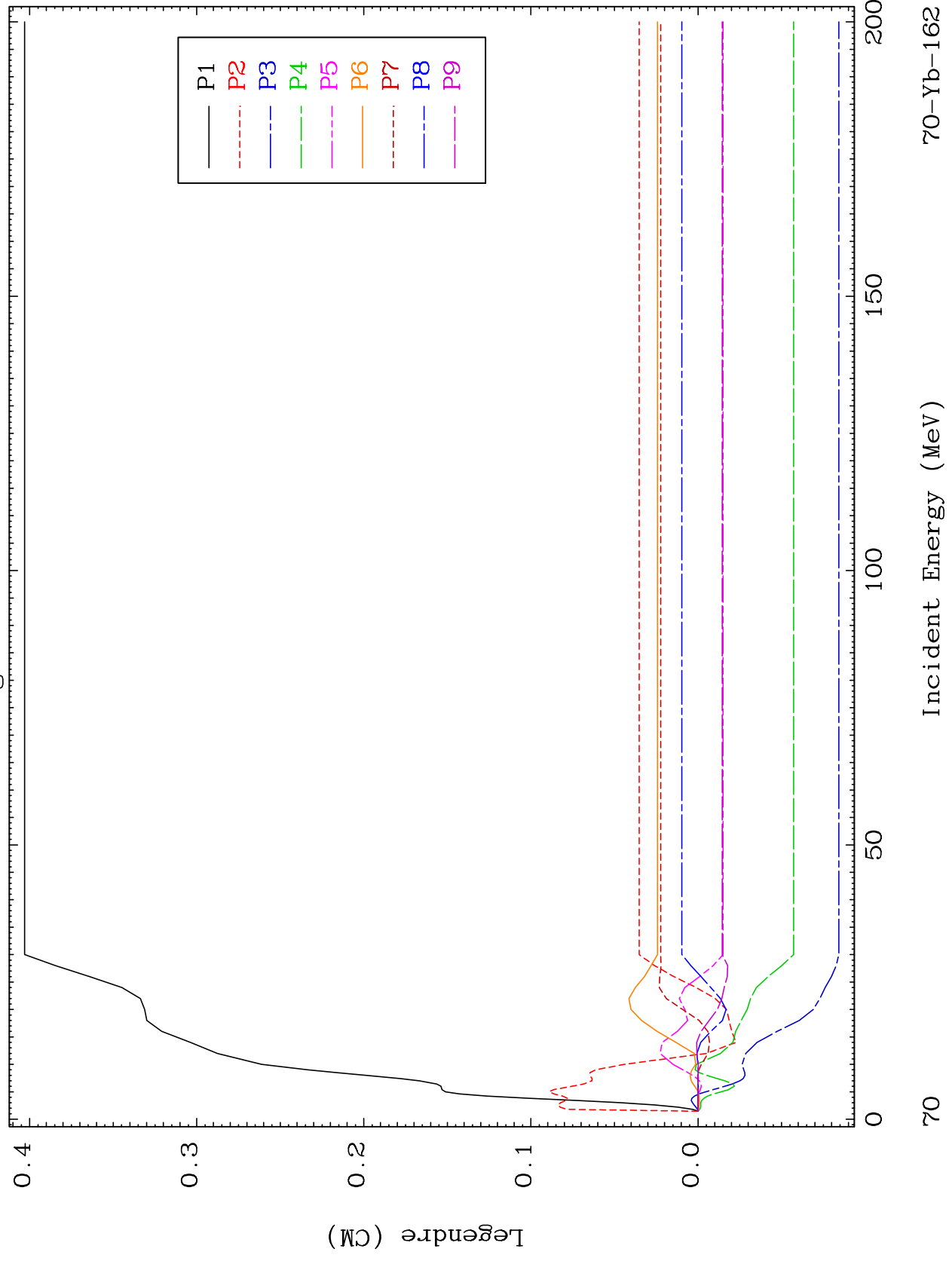
68



MAT 7007

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

70-Yb-162



70-Yb-162

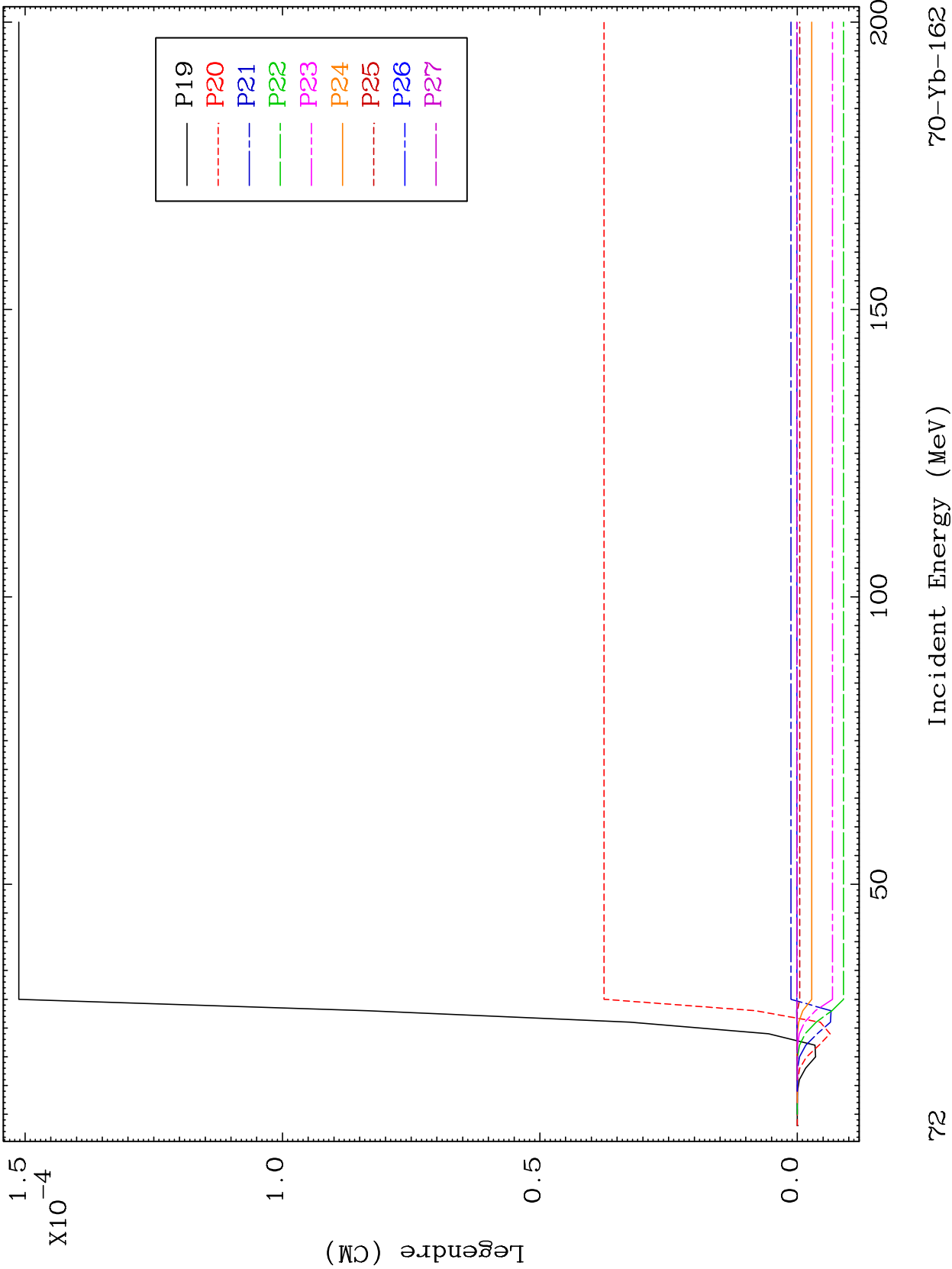
Incident Energy (MeV)

70

MAT 7007

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

70-Yb-162



72

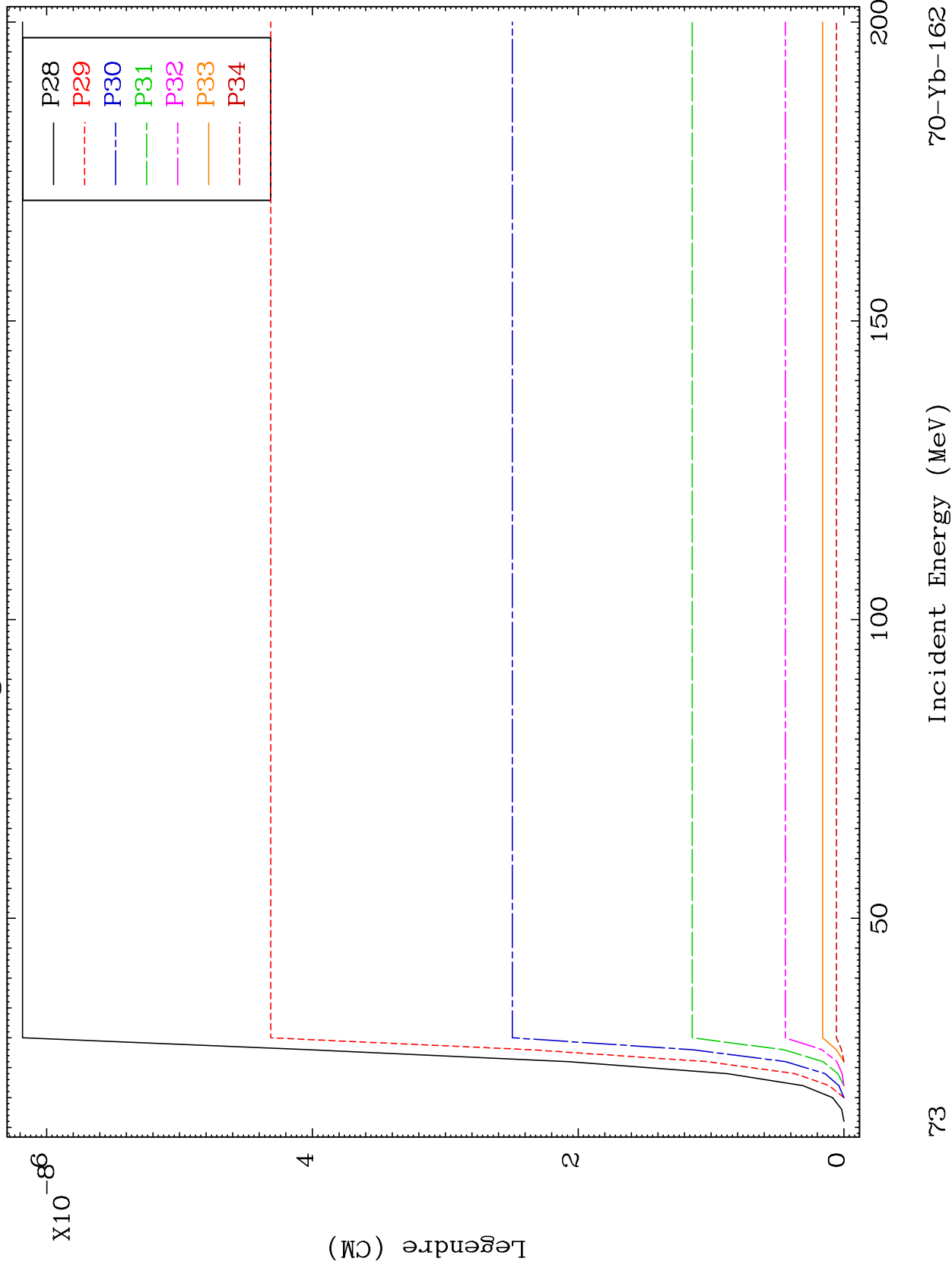
Incident Energy (MeV)

70-Yb-162

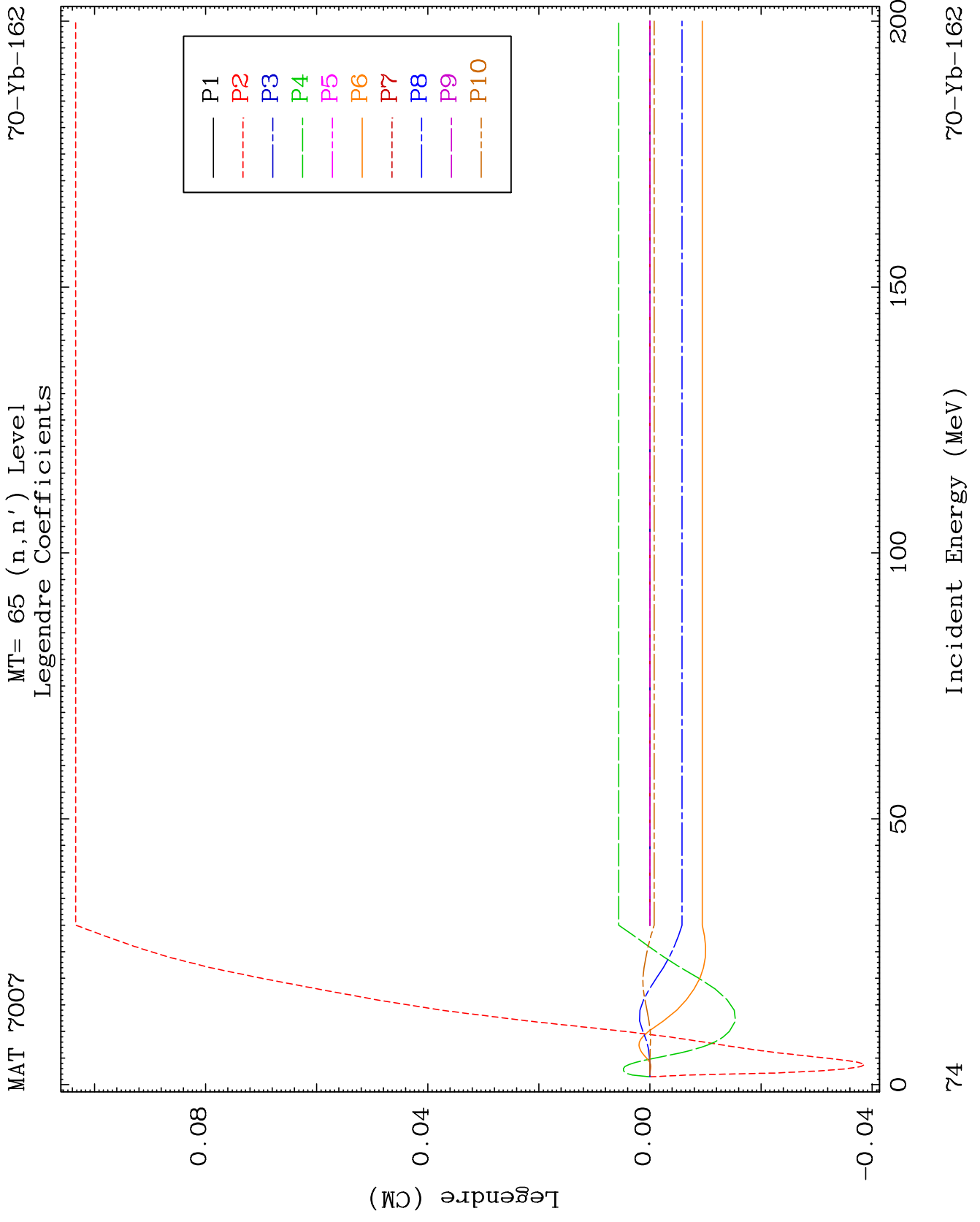
MAT 7007

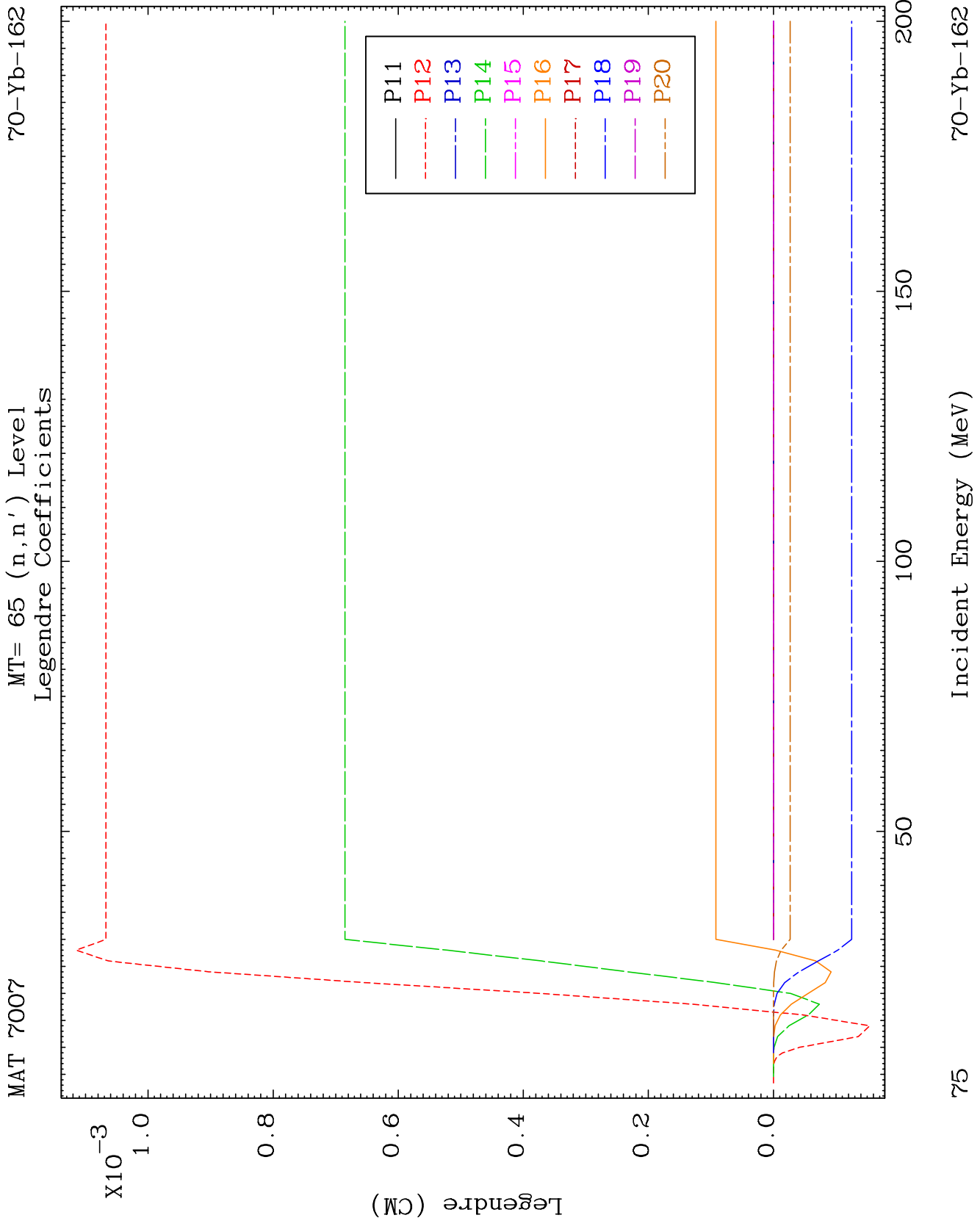
MT= 64 (n,n') Level
Legendre Coefficients

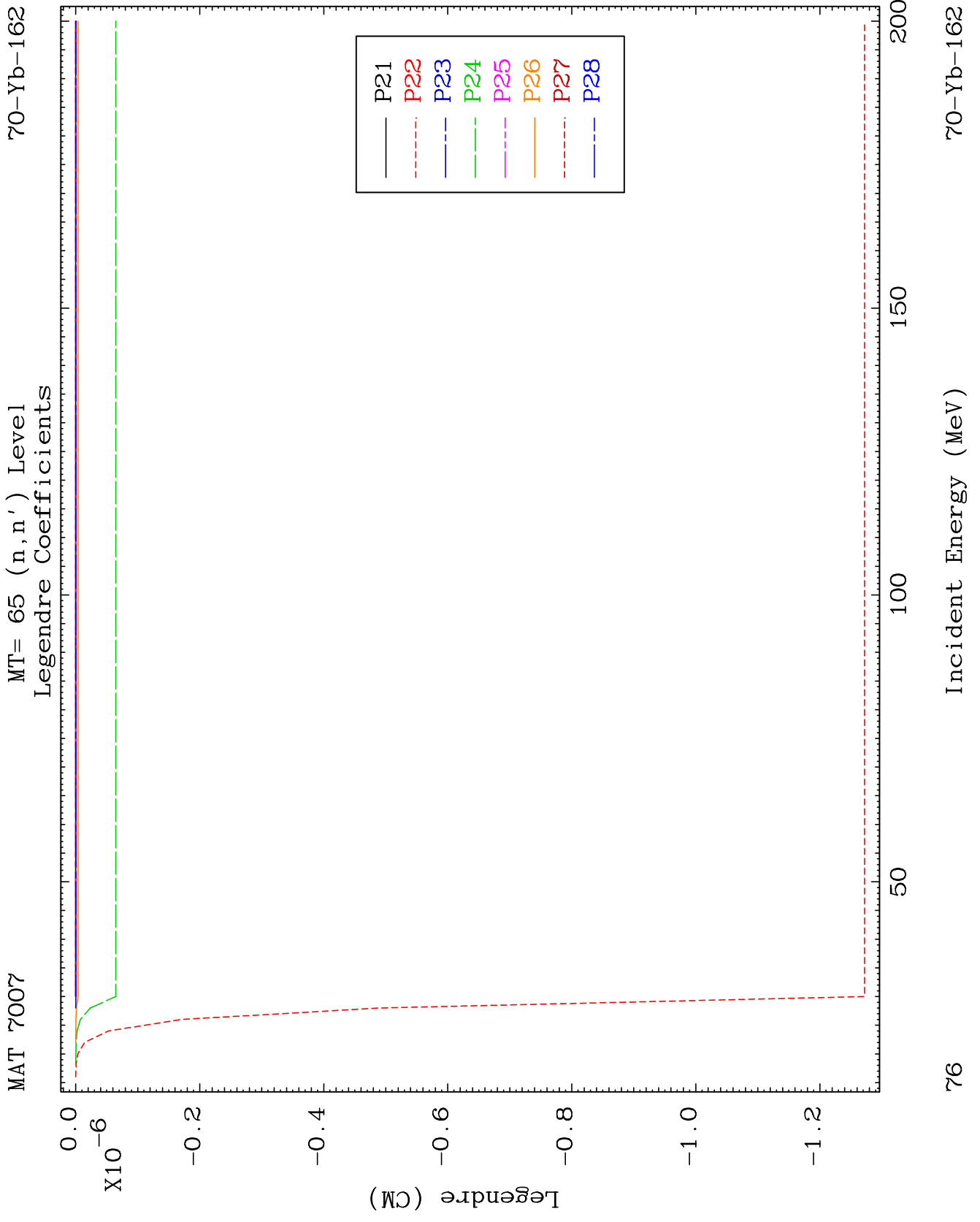
70-Yb-162

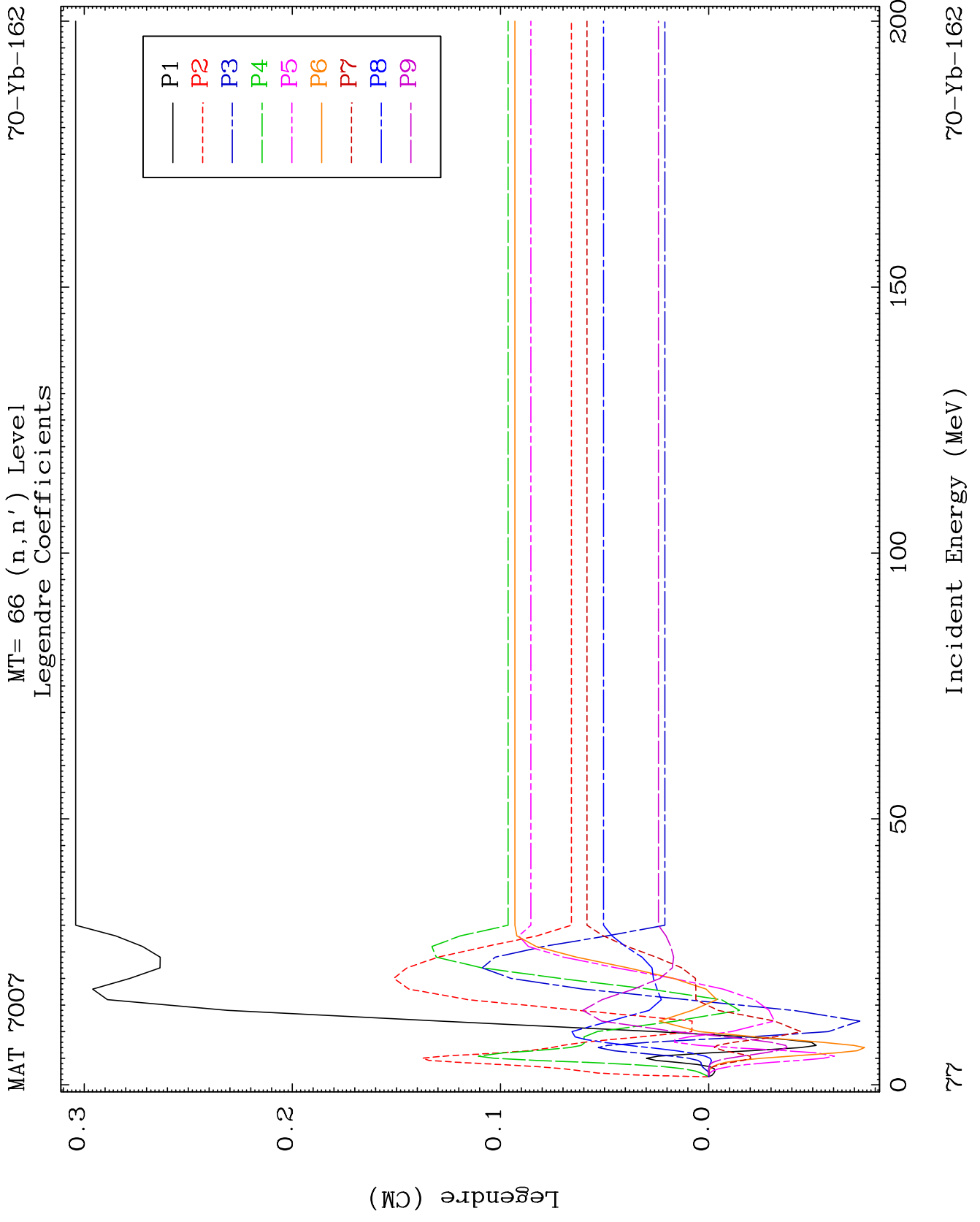


73





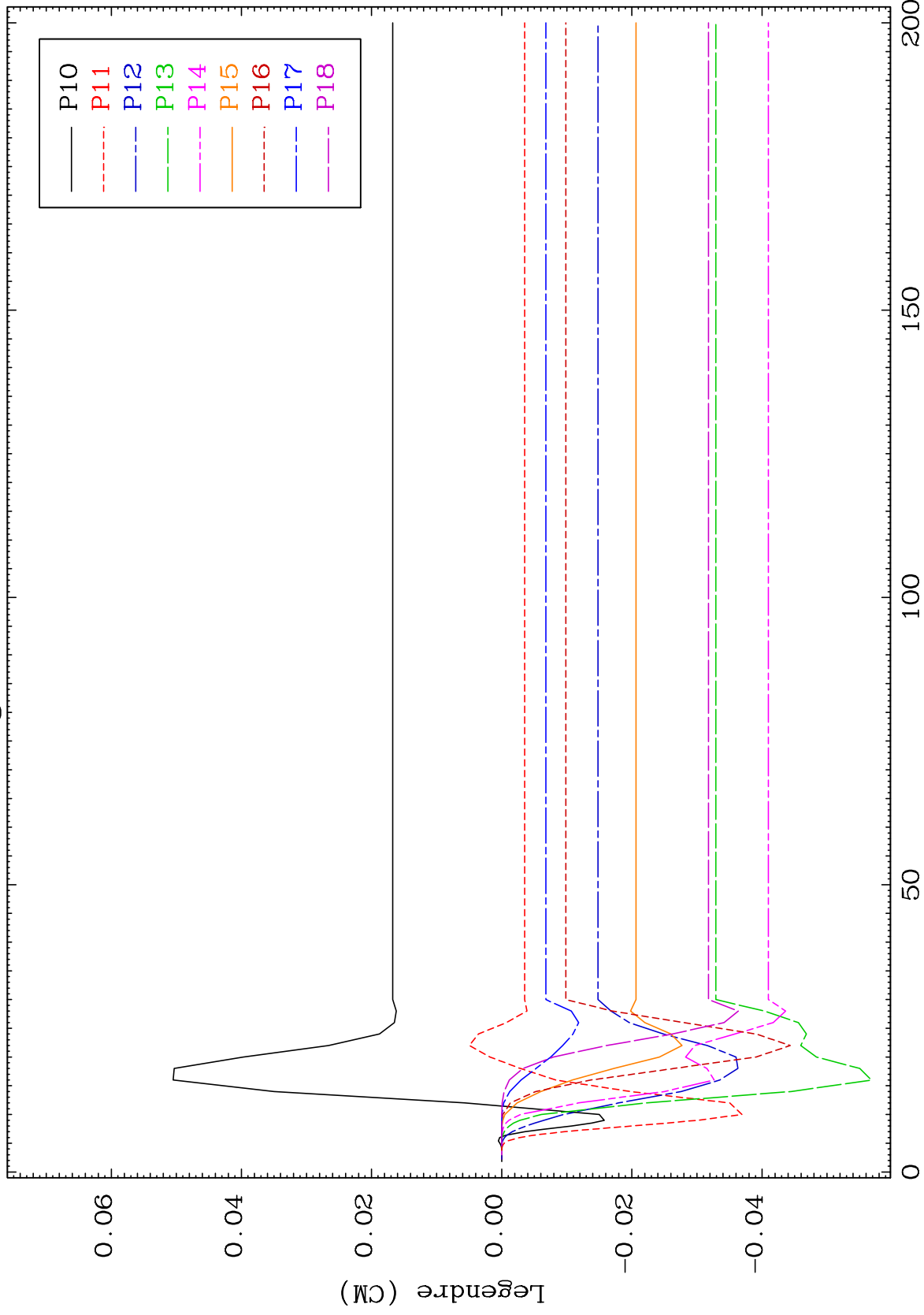




MAT 7007

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

70-Yb-162



78

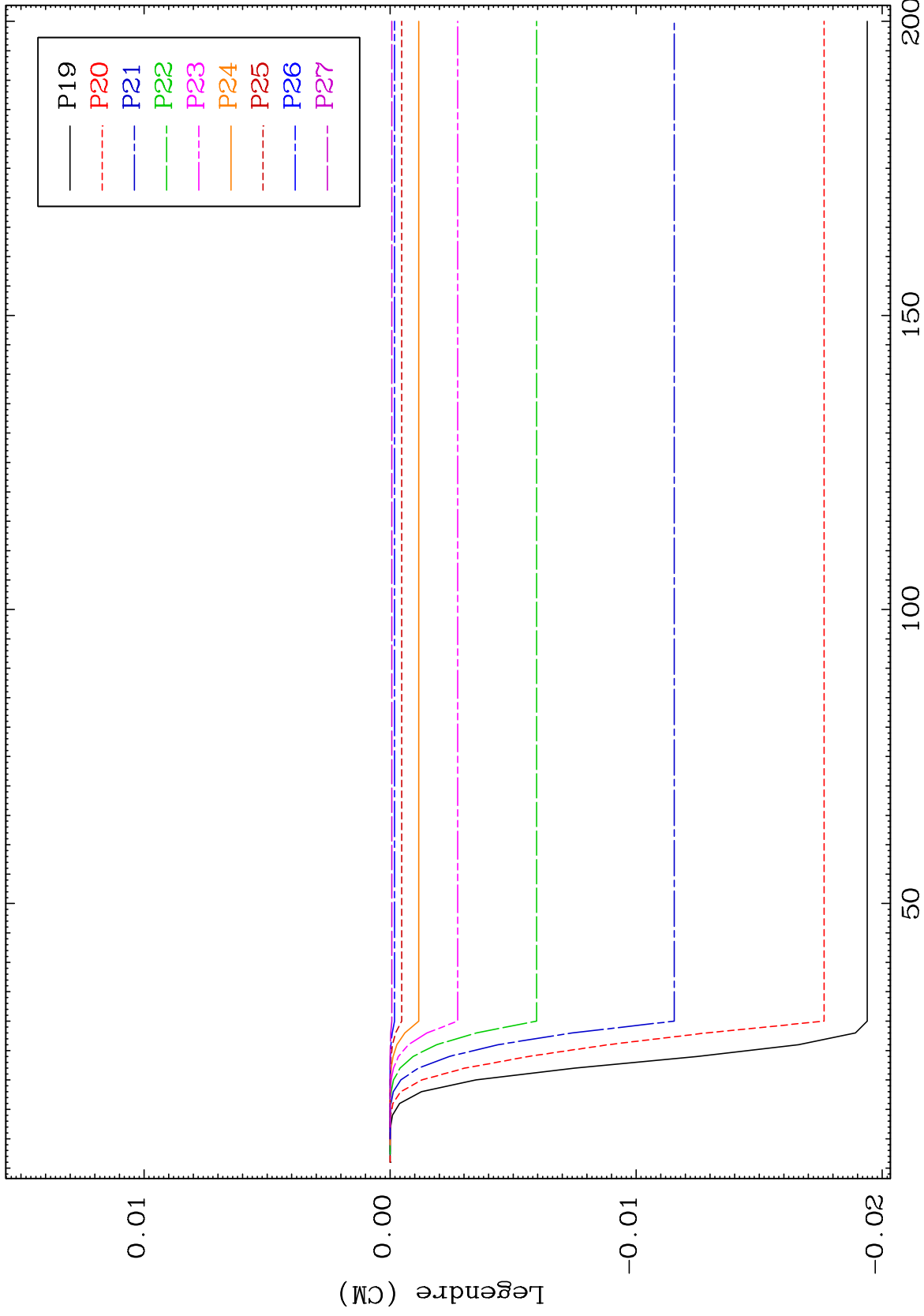
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



79

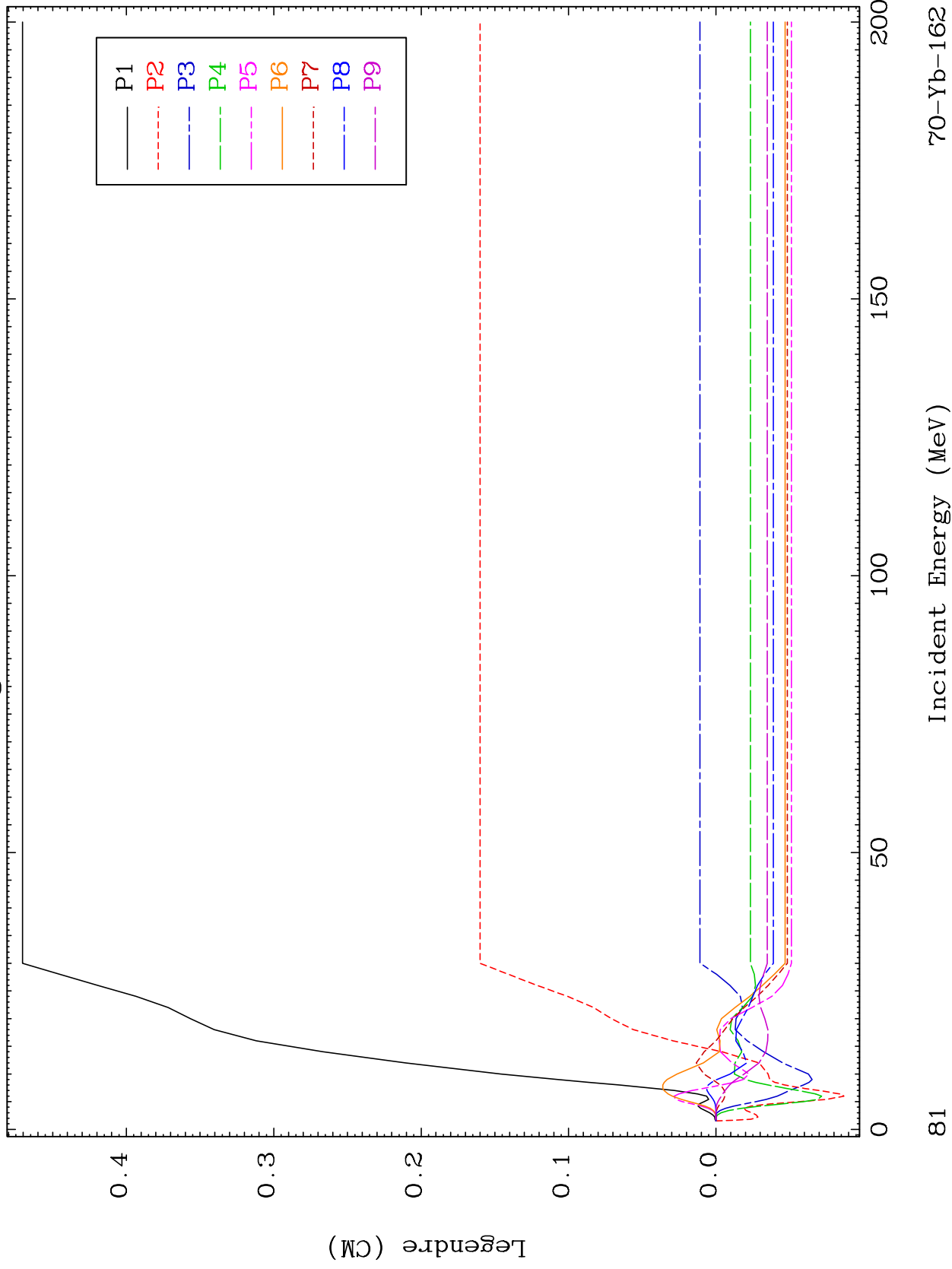
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



81

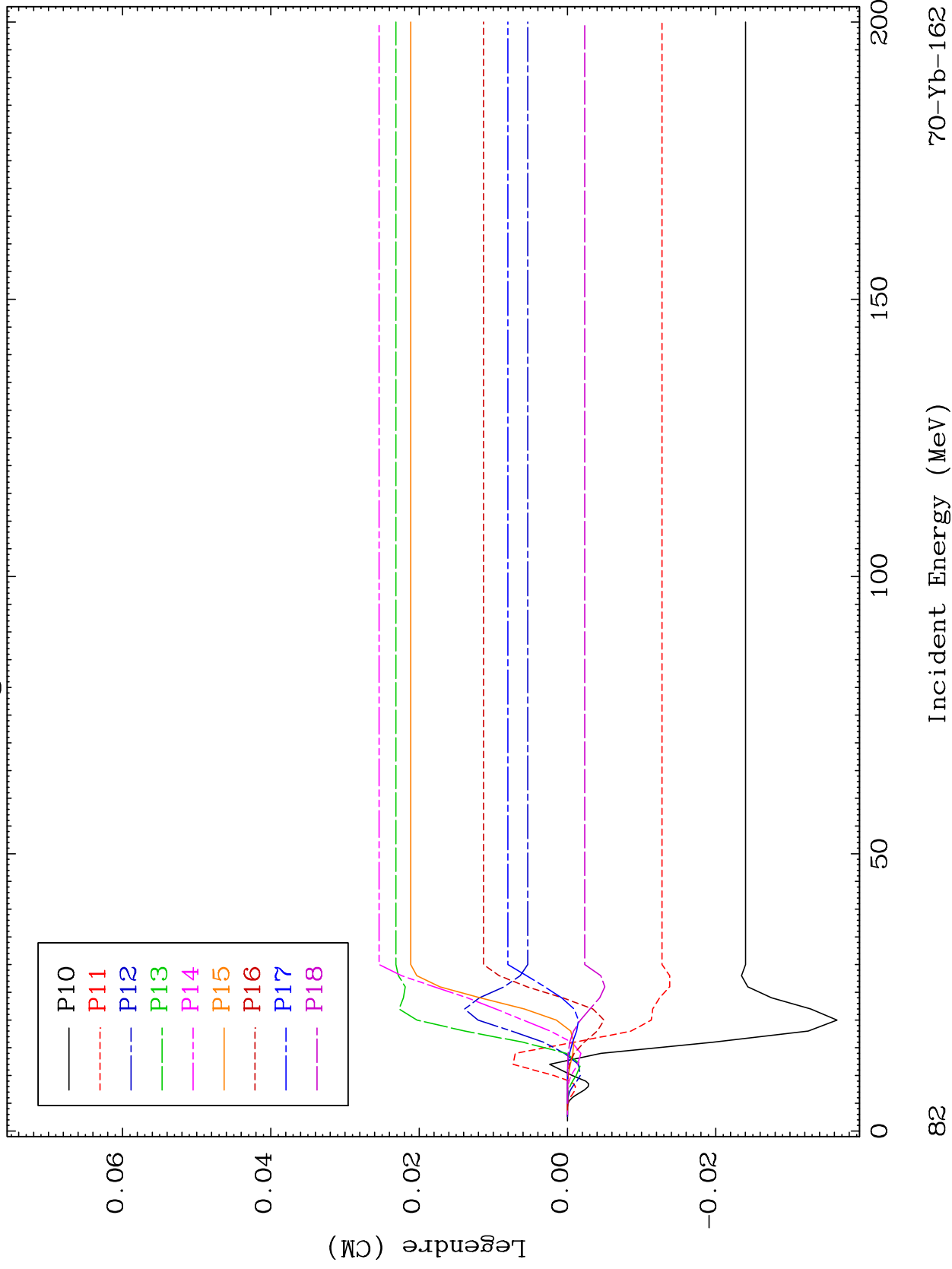
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



82

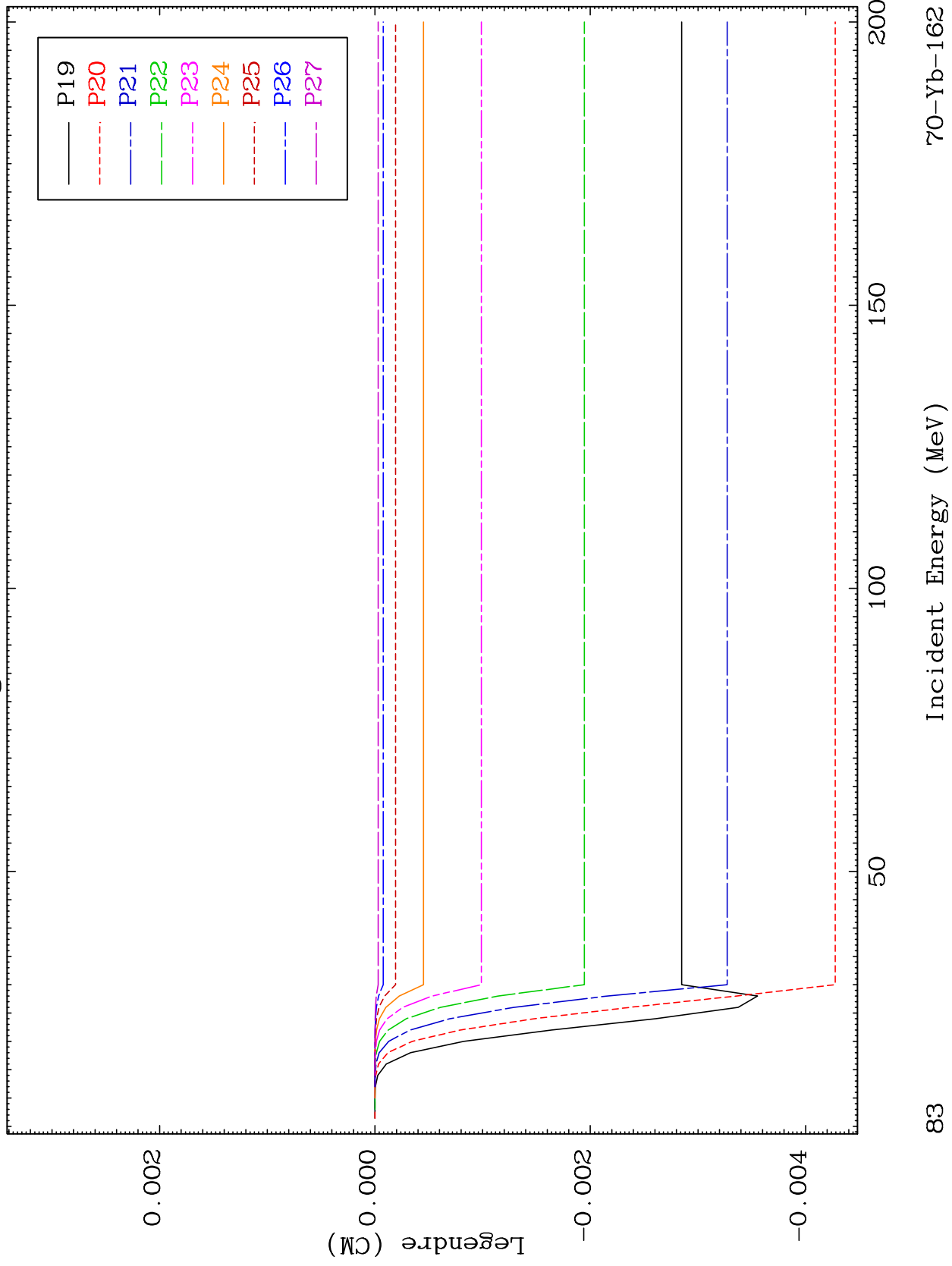
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

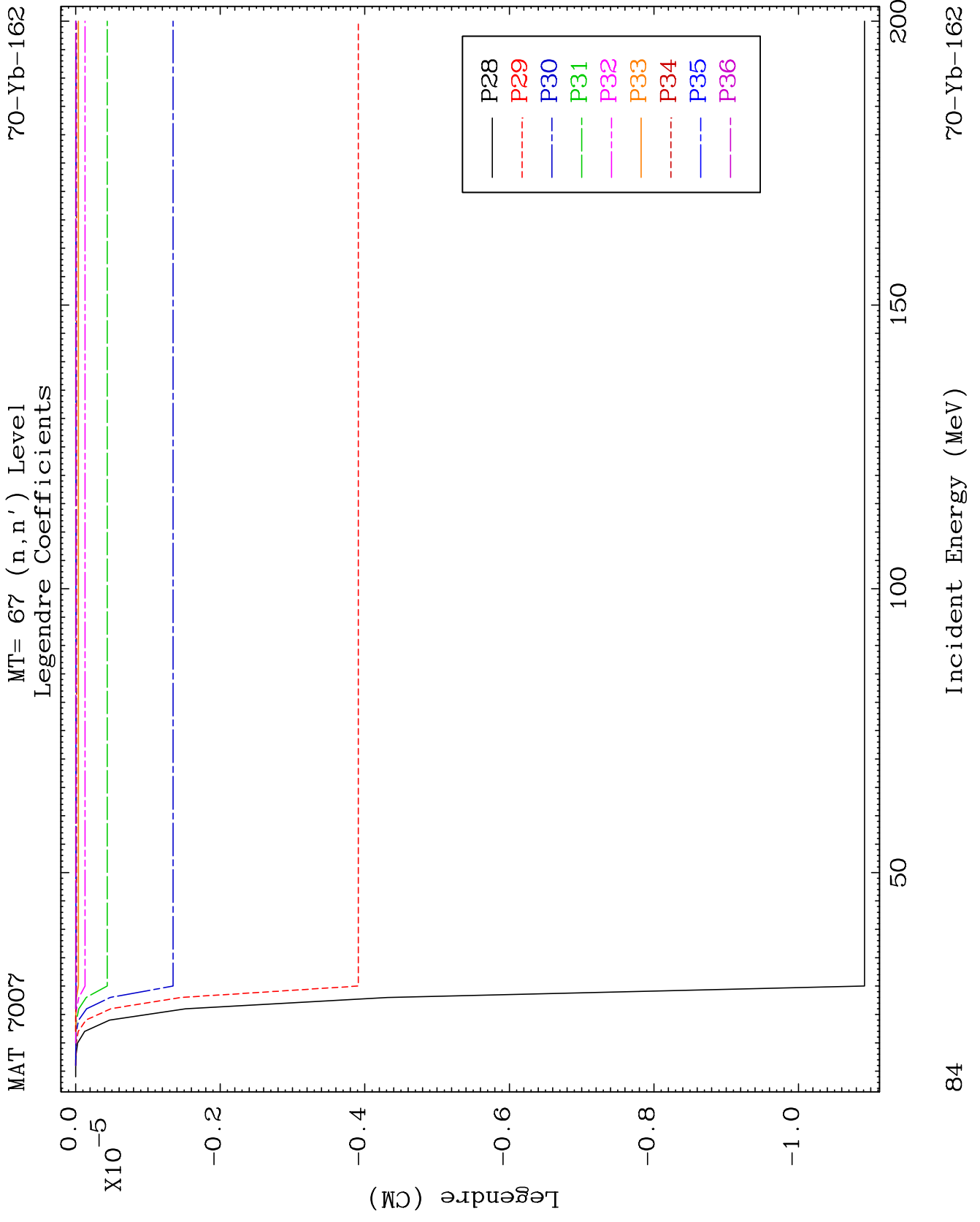
70-Yb-162

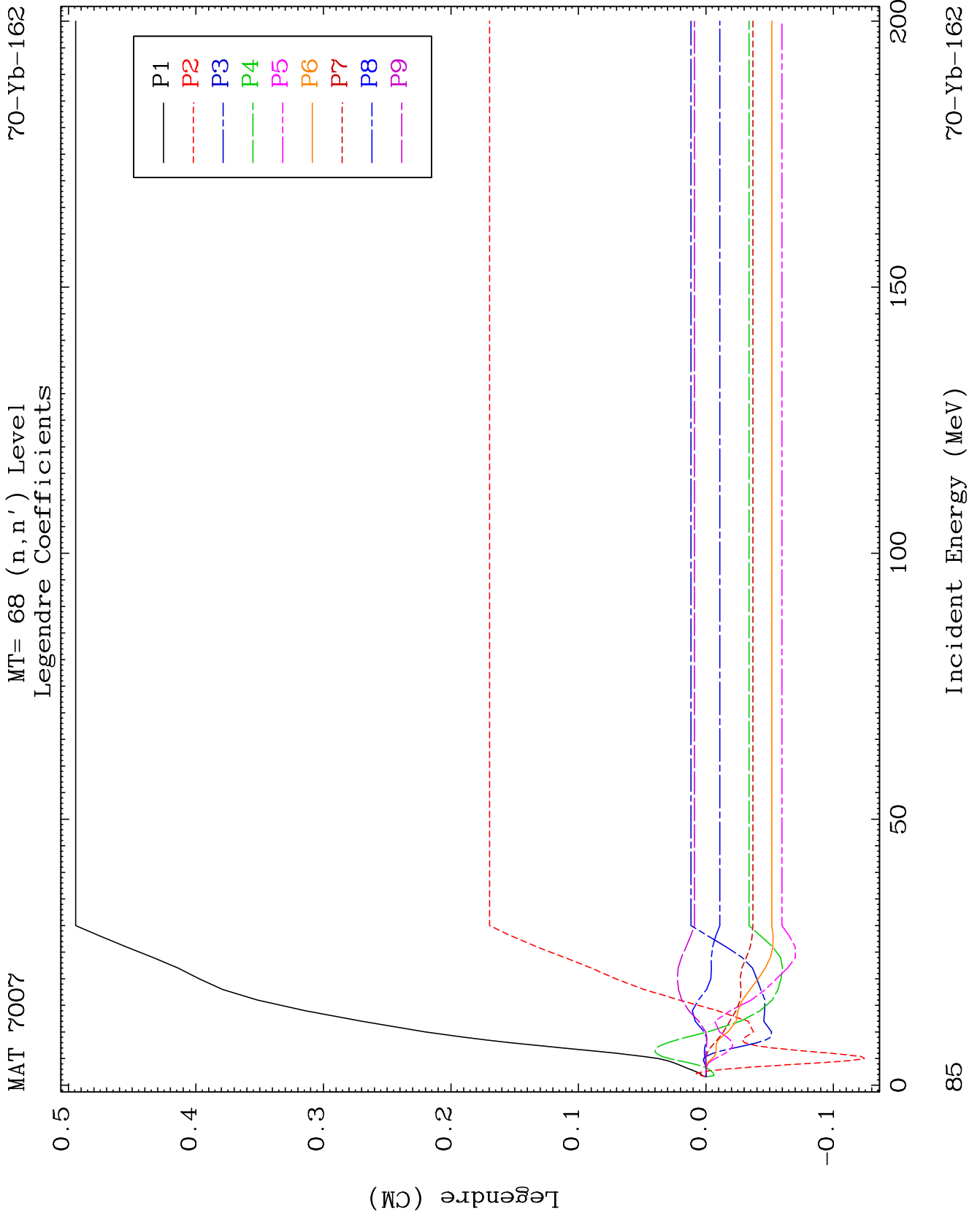


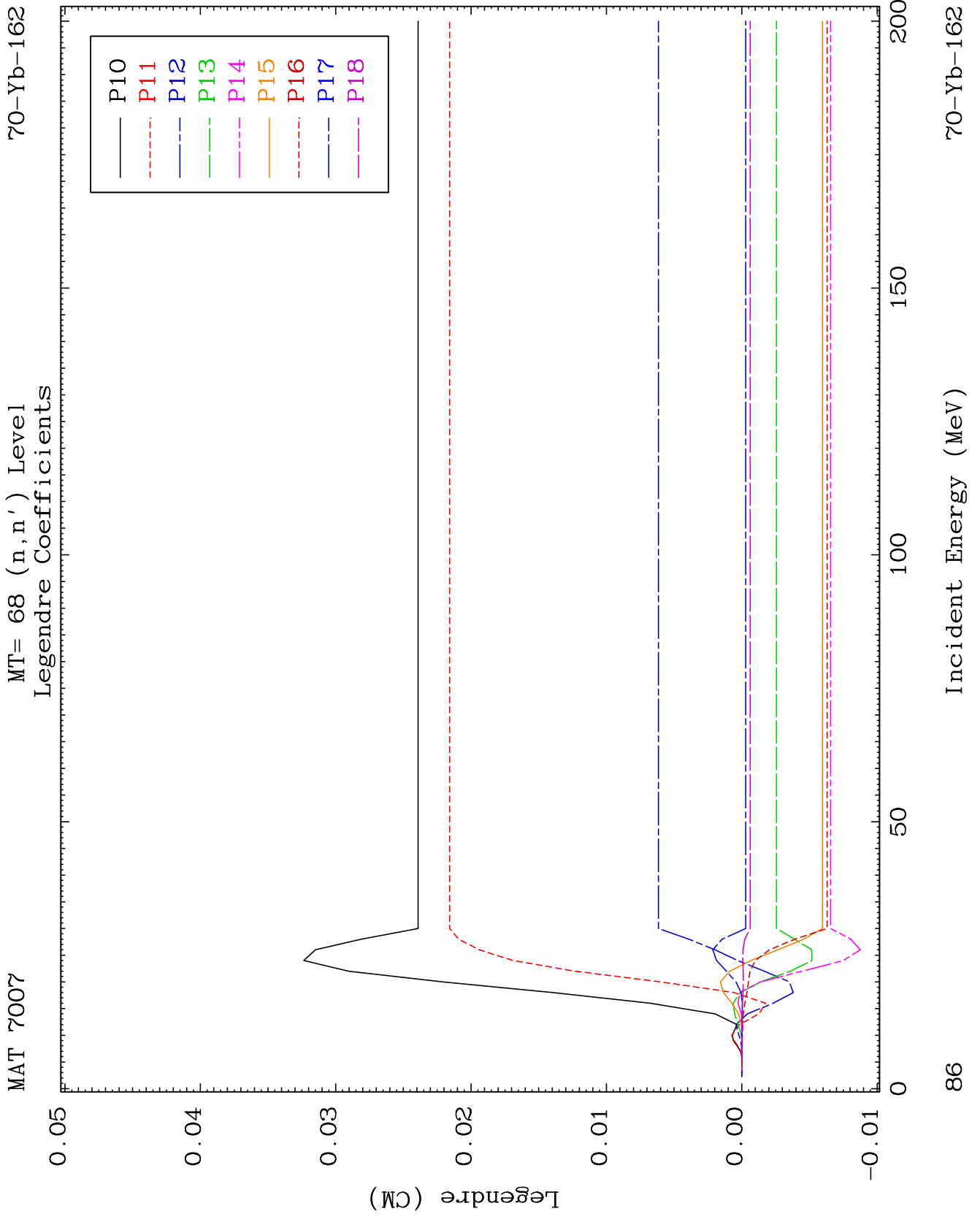
83

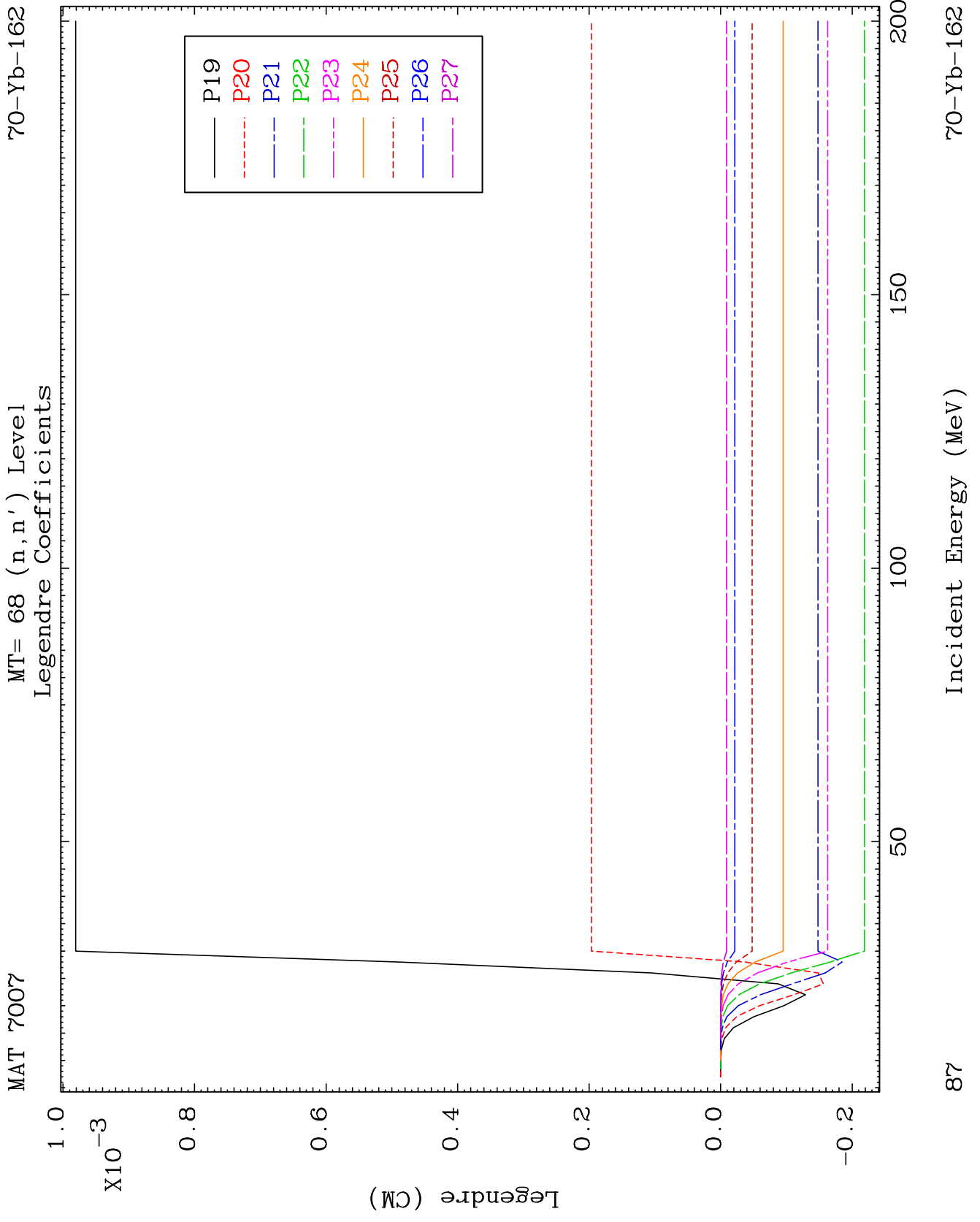
Incident Energy (MeV)

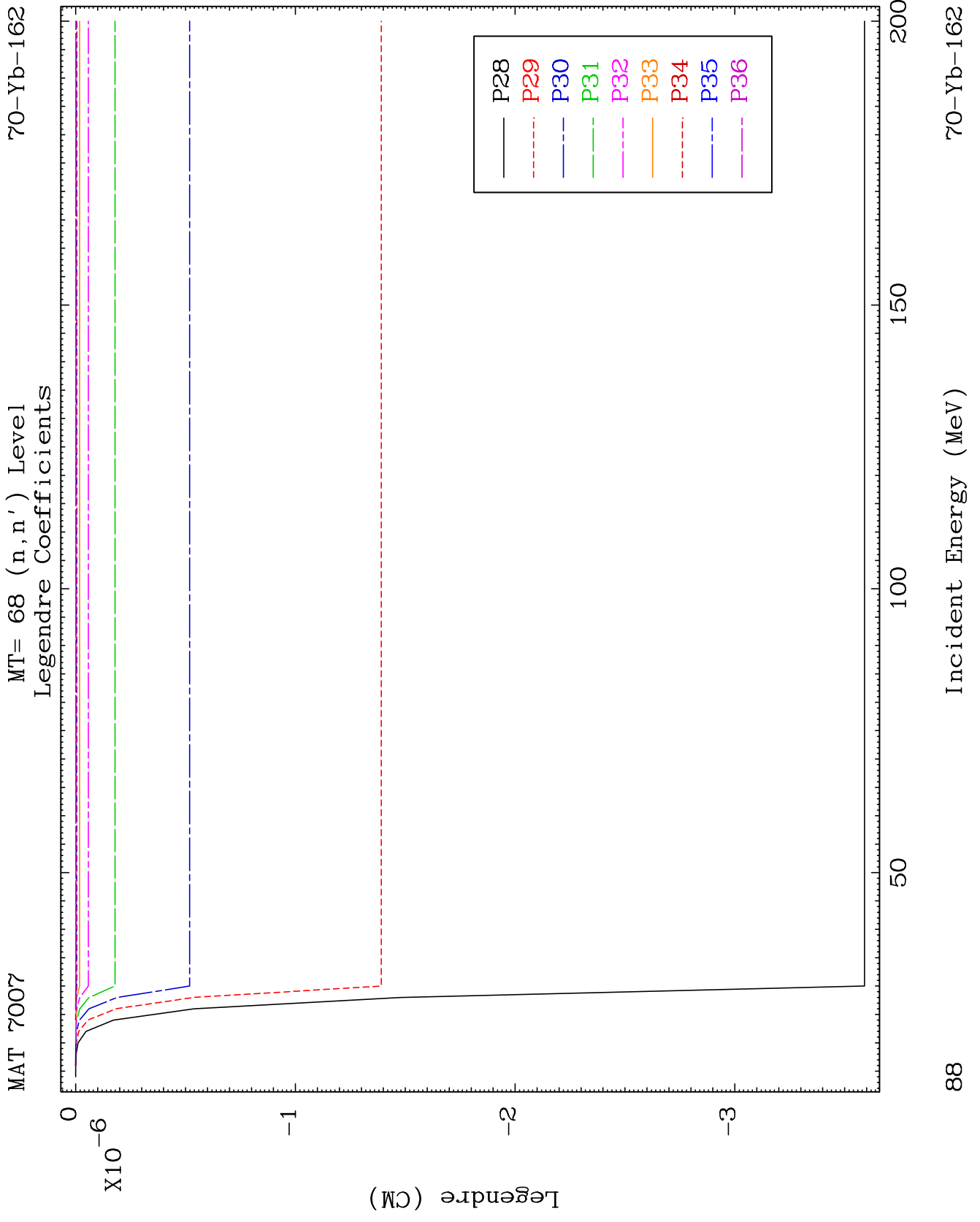
70-Yb-162

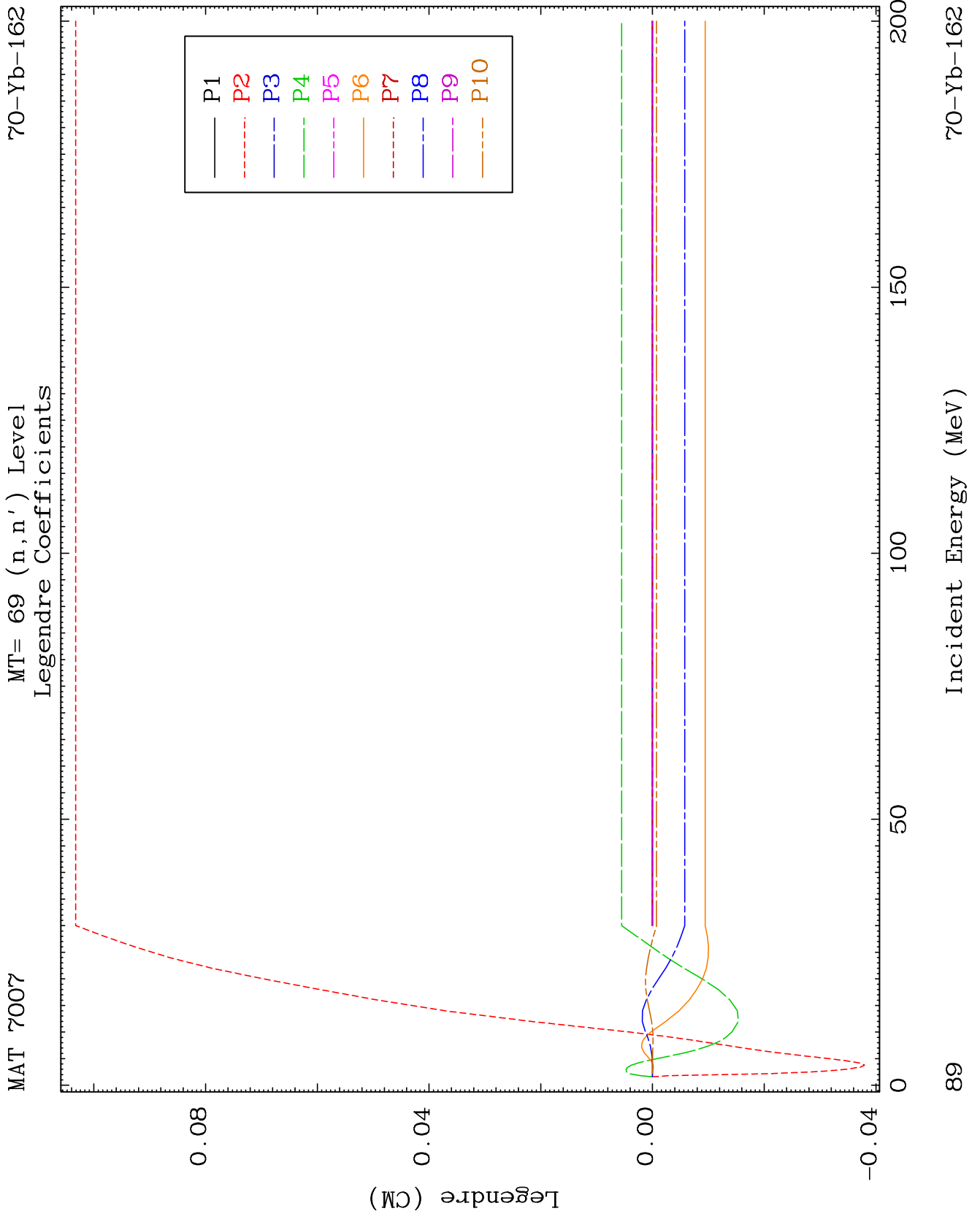








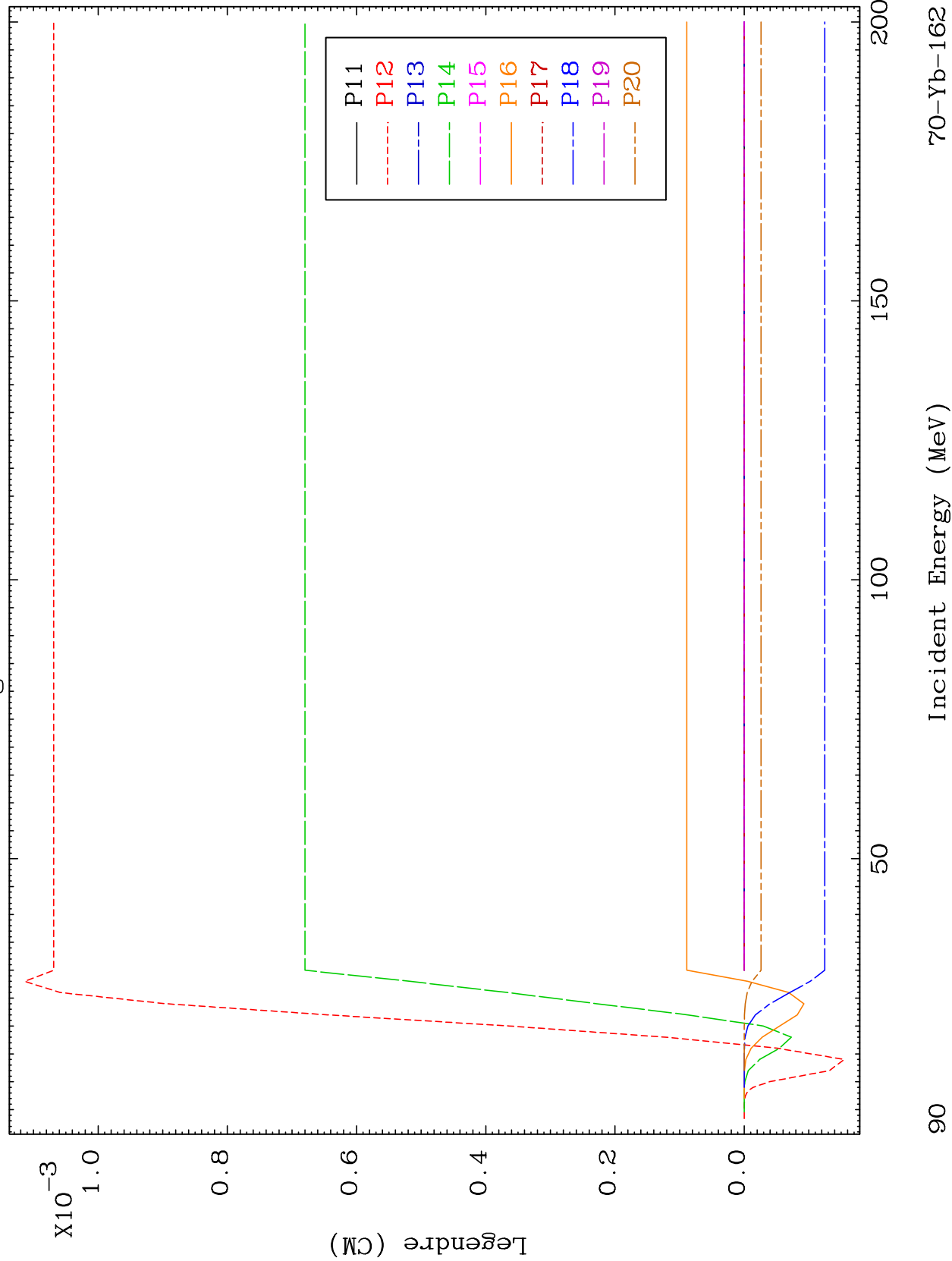




MAT 7007

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

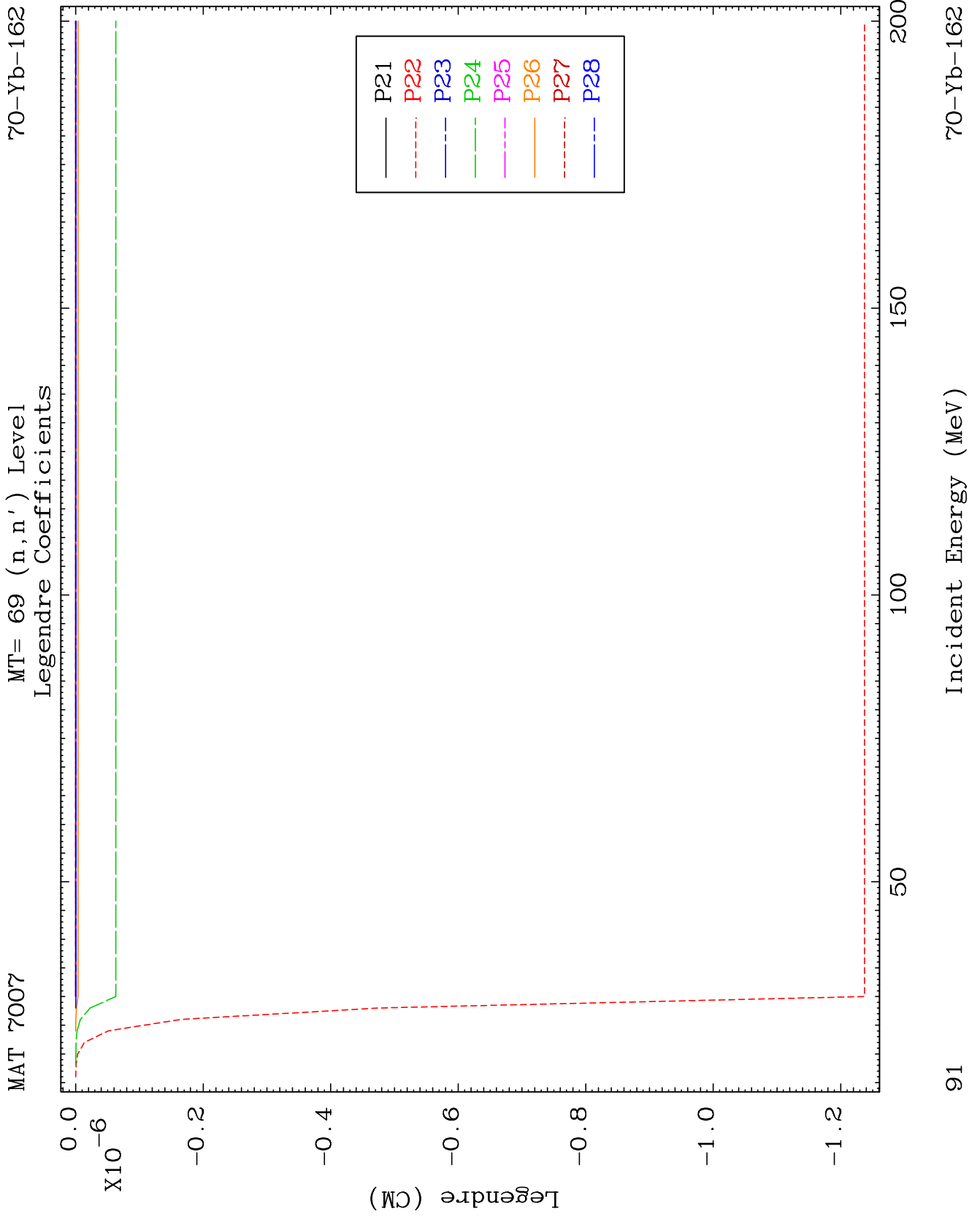
70-Yb-162

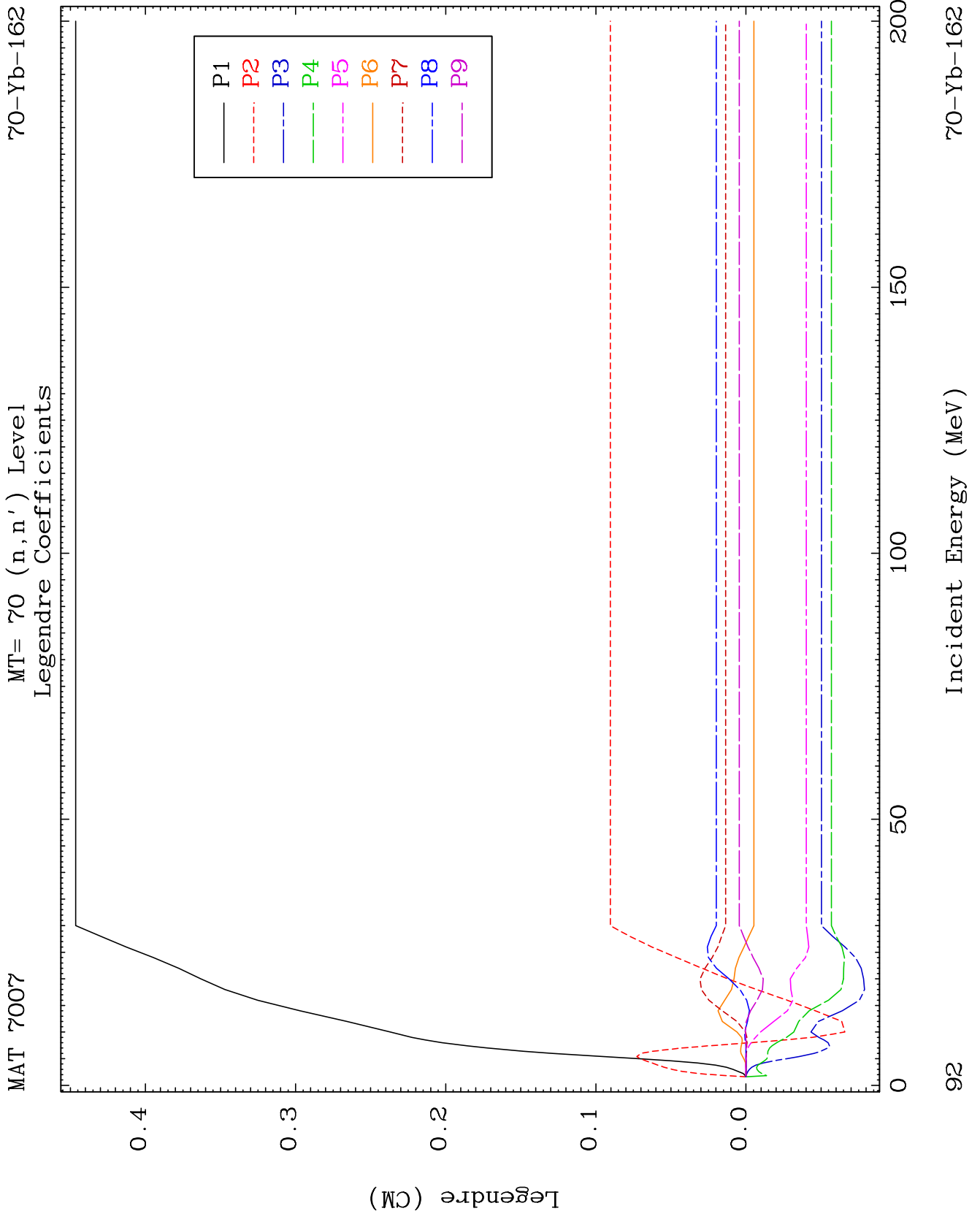


90

Incident Energy (MeV)

70-Yb-162

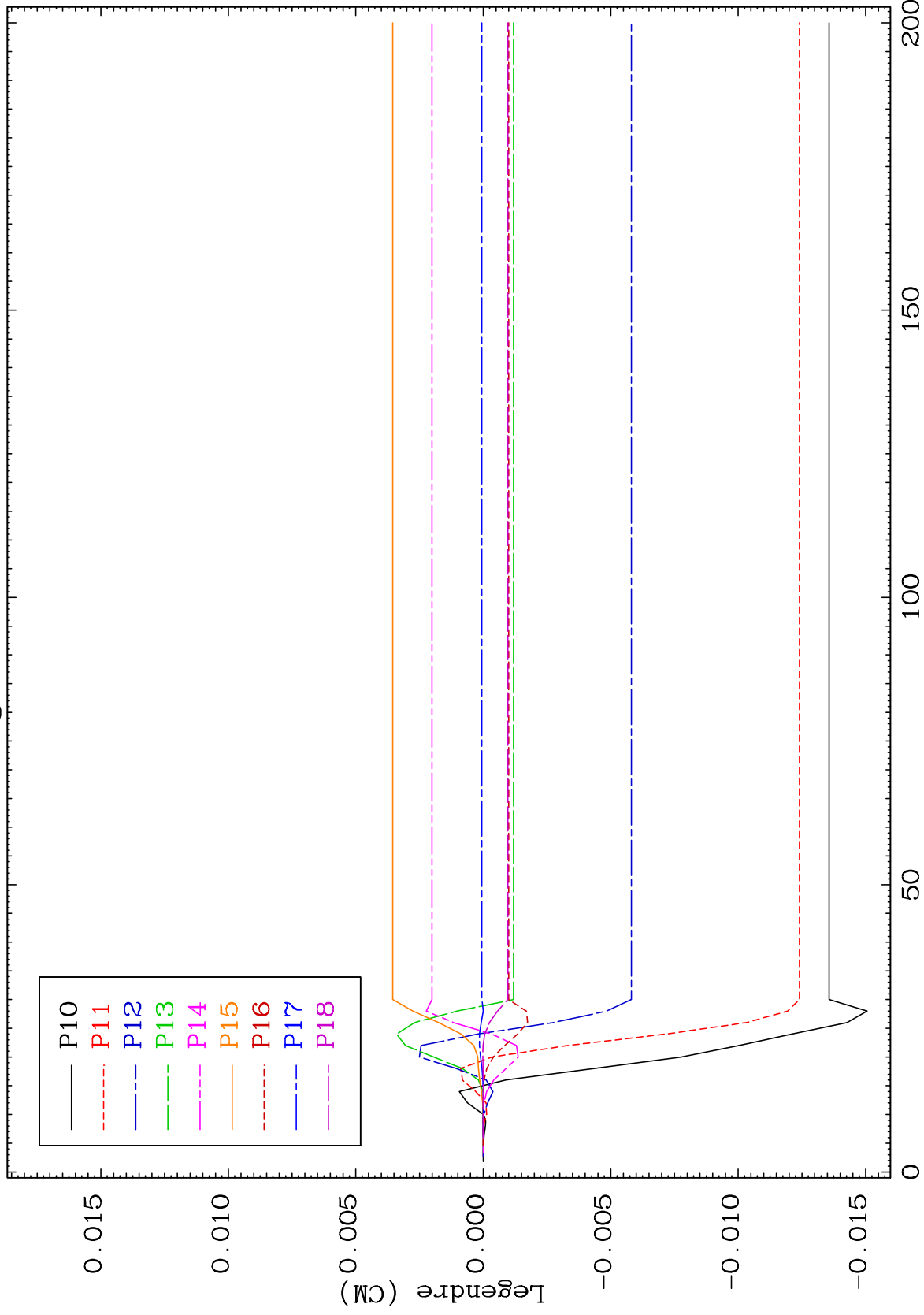




MAT 7007

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

70-Yb-162



93

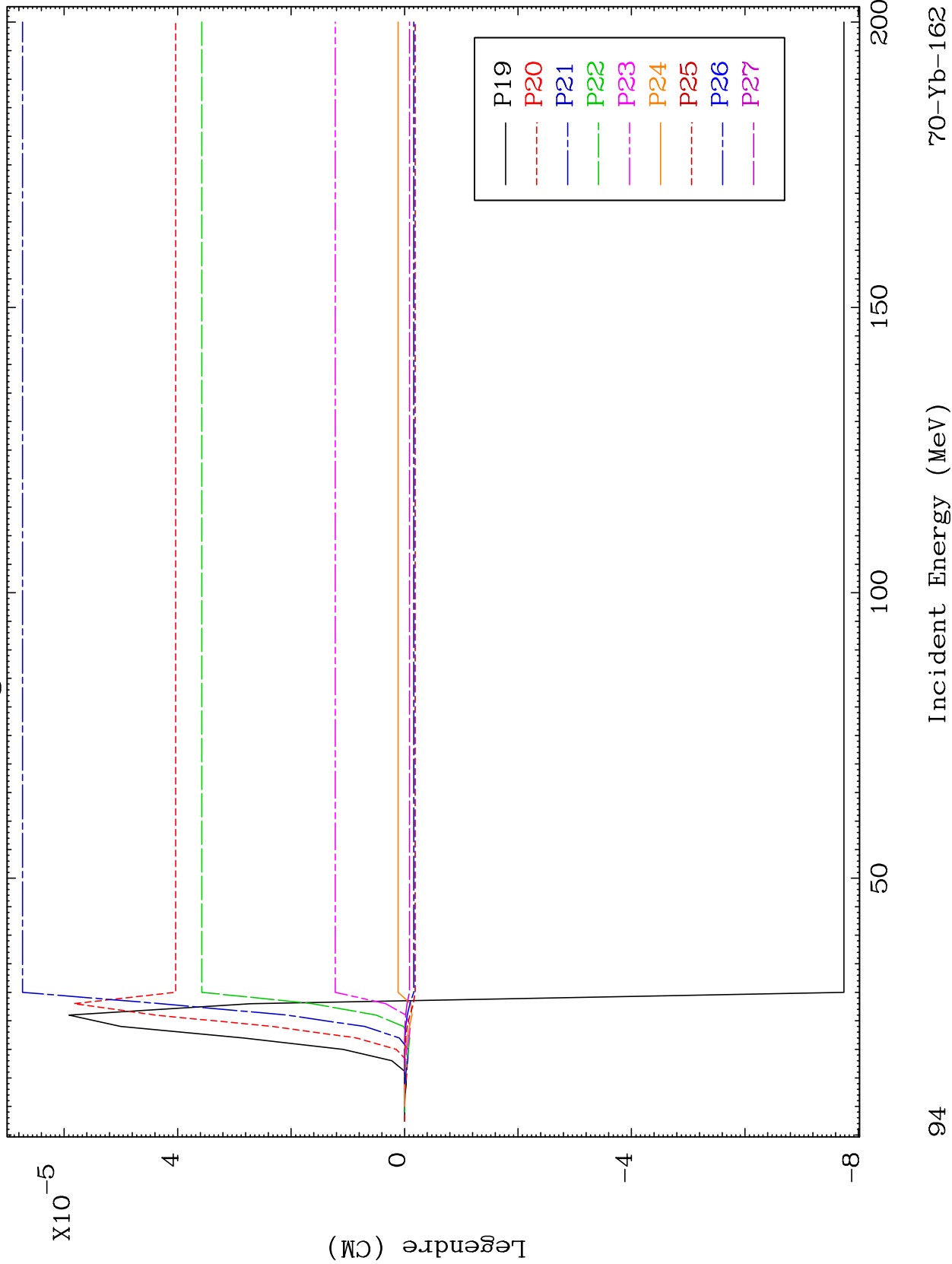
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

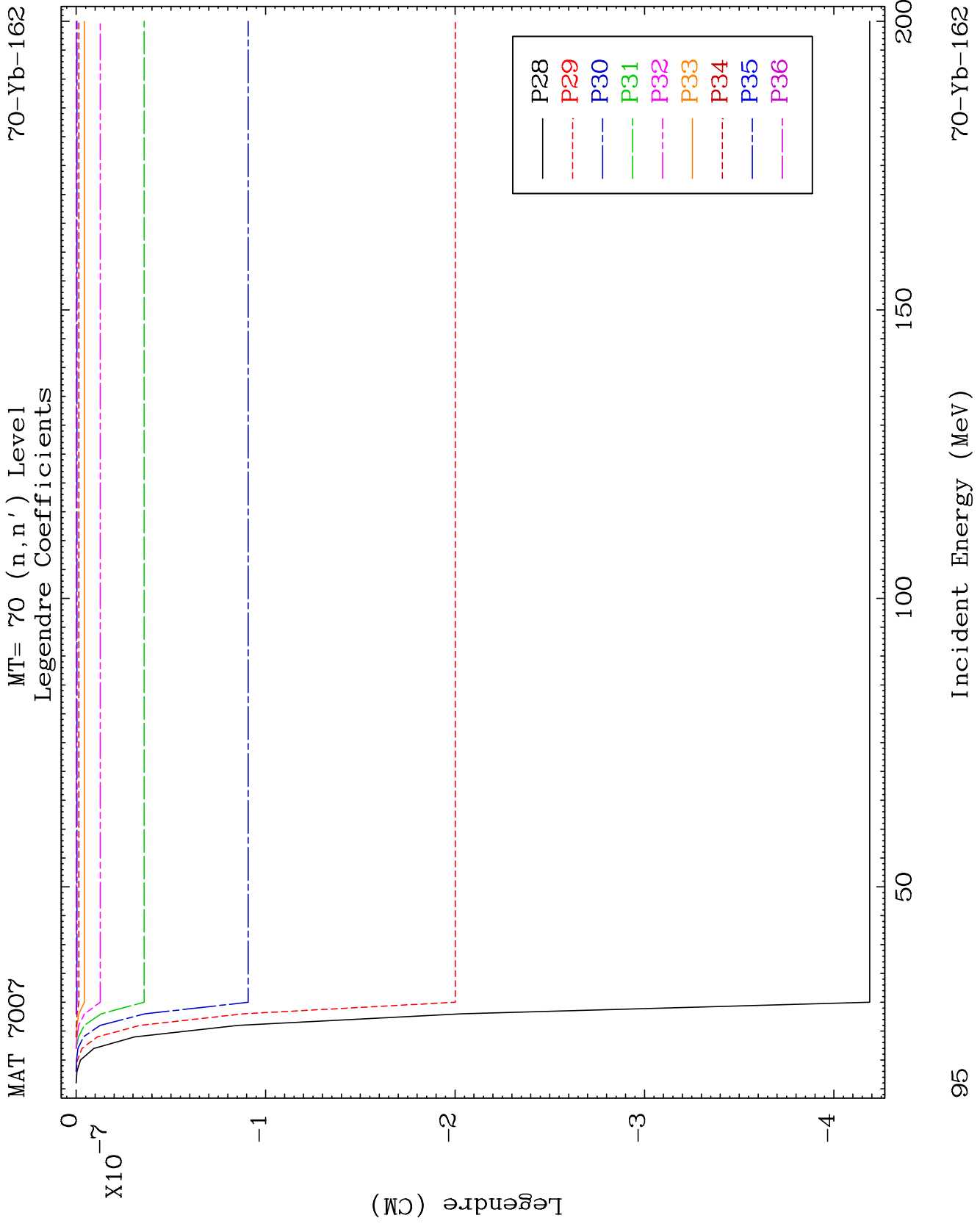
70-Yb-162



94

Incident Energy (MeV)

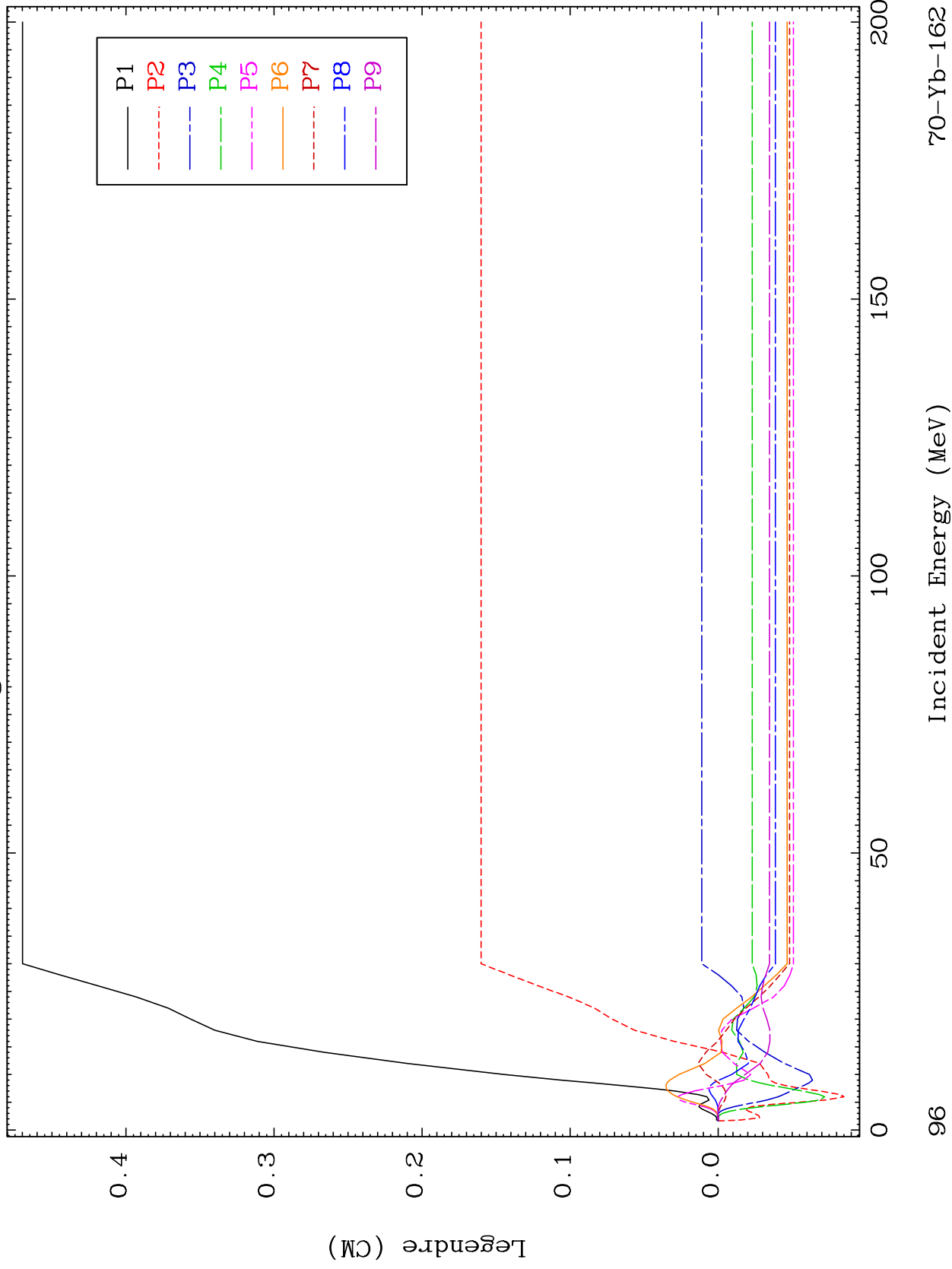
70-Yb-162



MAT 7007

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

70-Yb-162



70-Yb-162

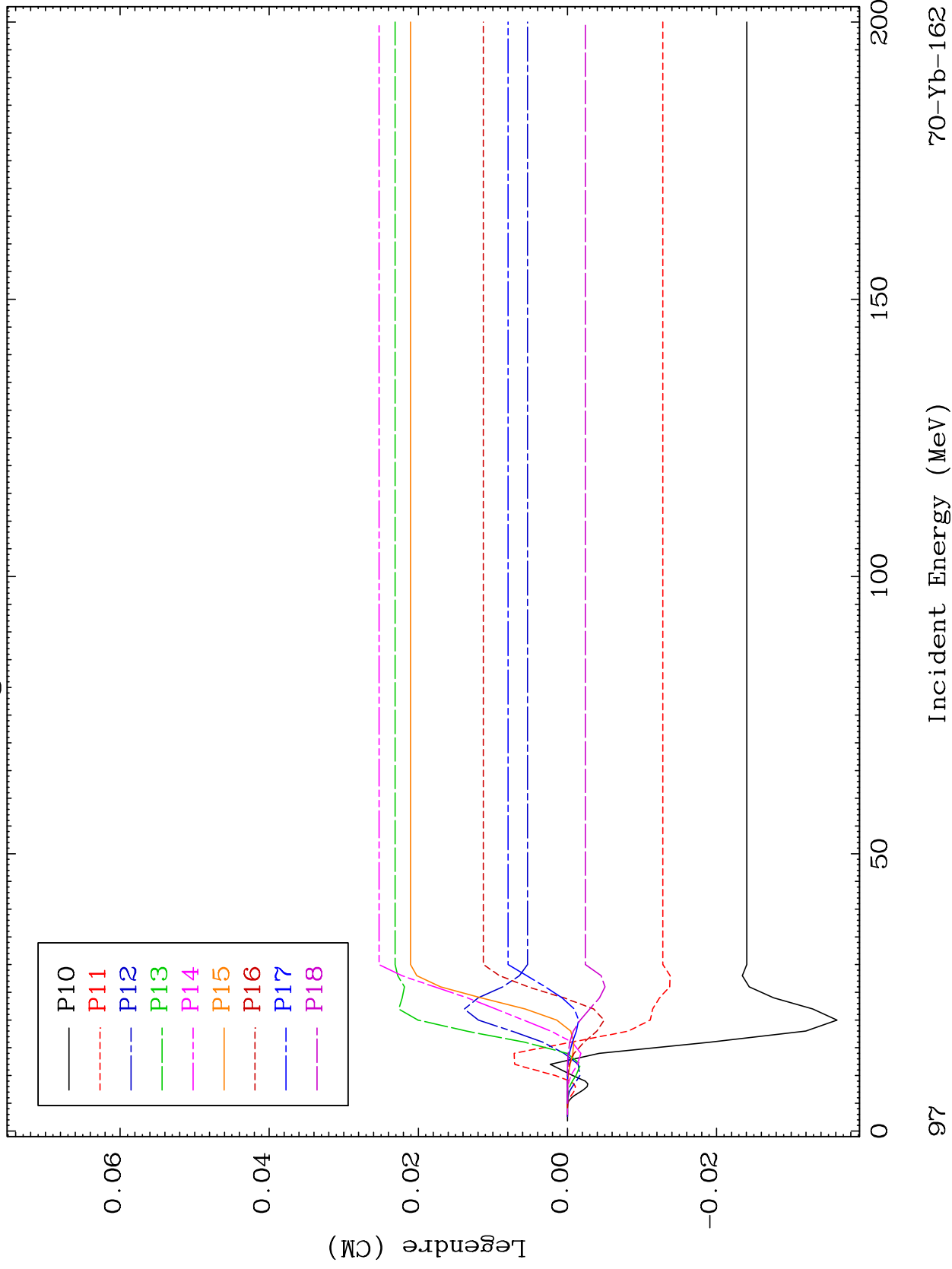
Incident Energy (MeV)

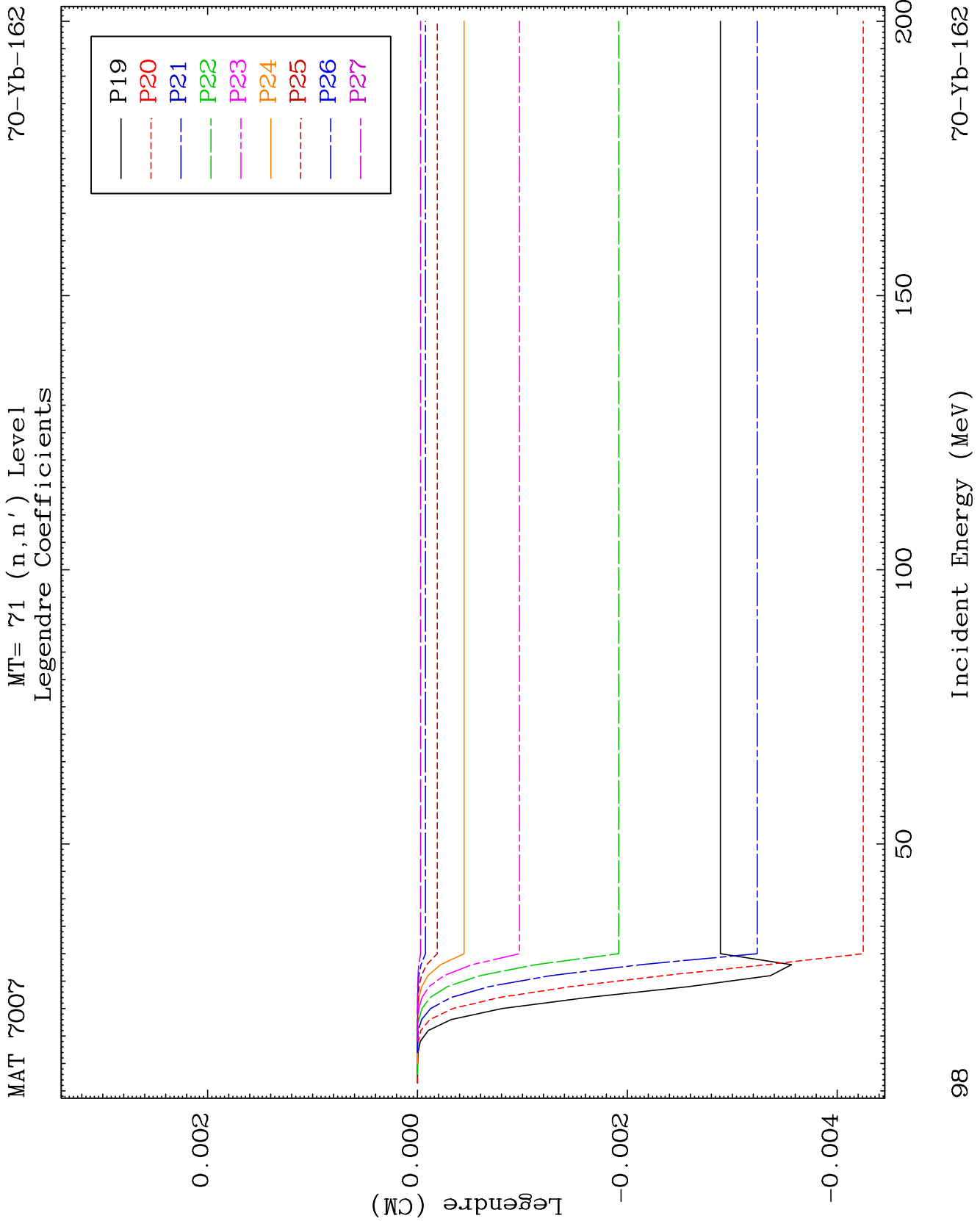
96

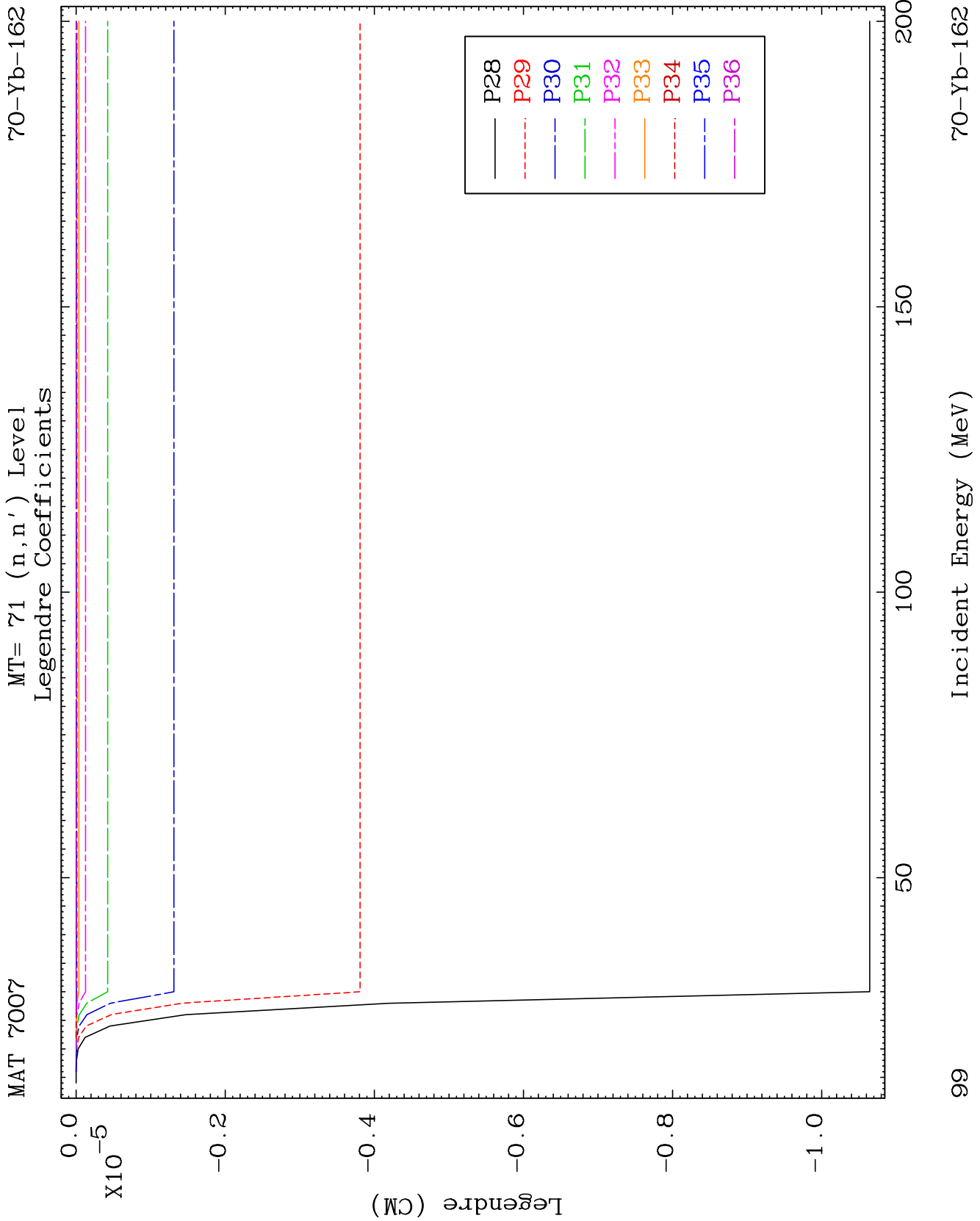
MAT 7007

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

70-Yb-162



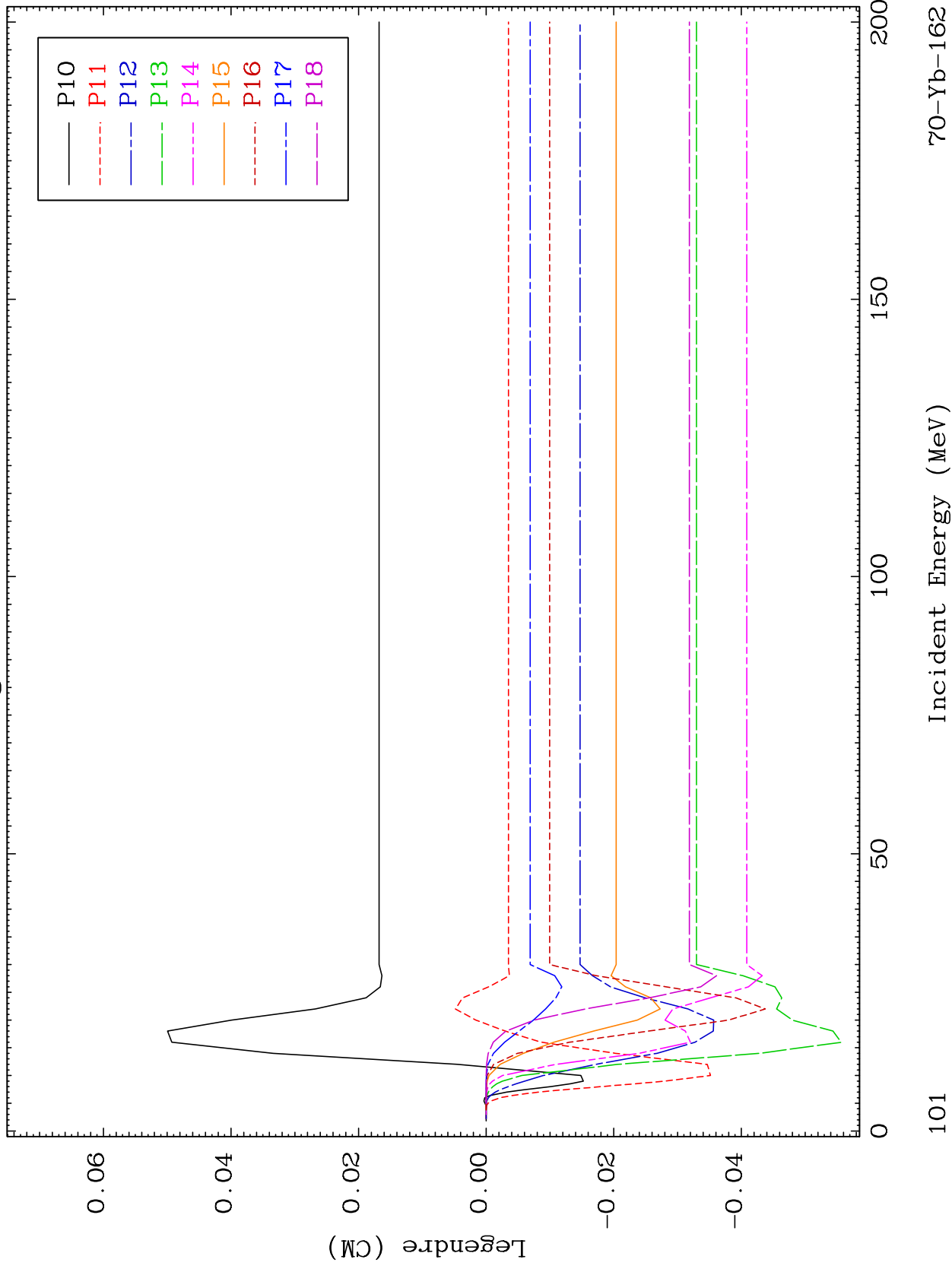




MAT 7007

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

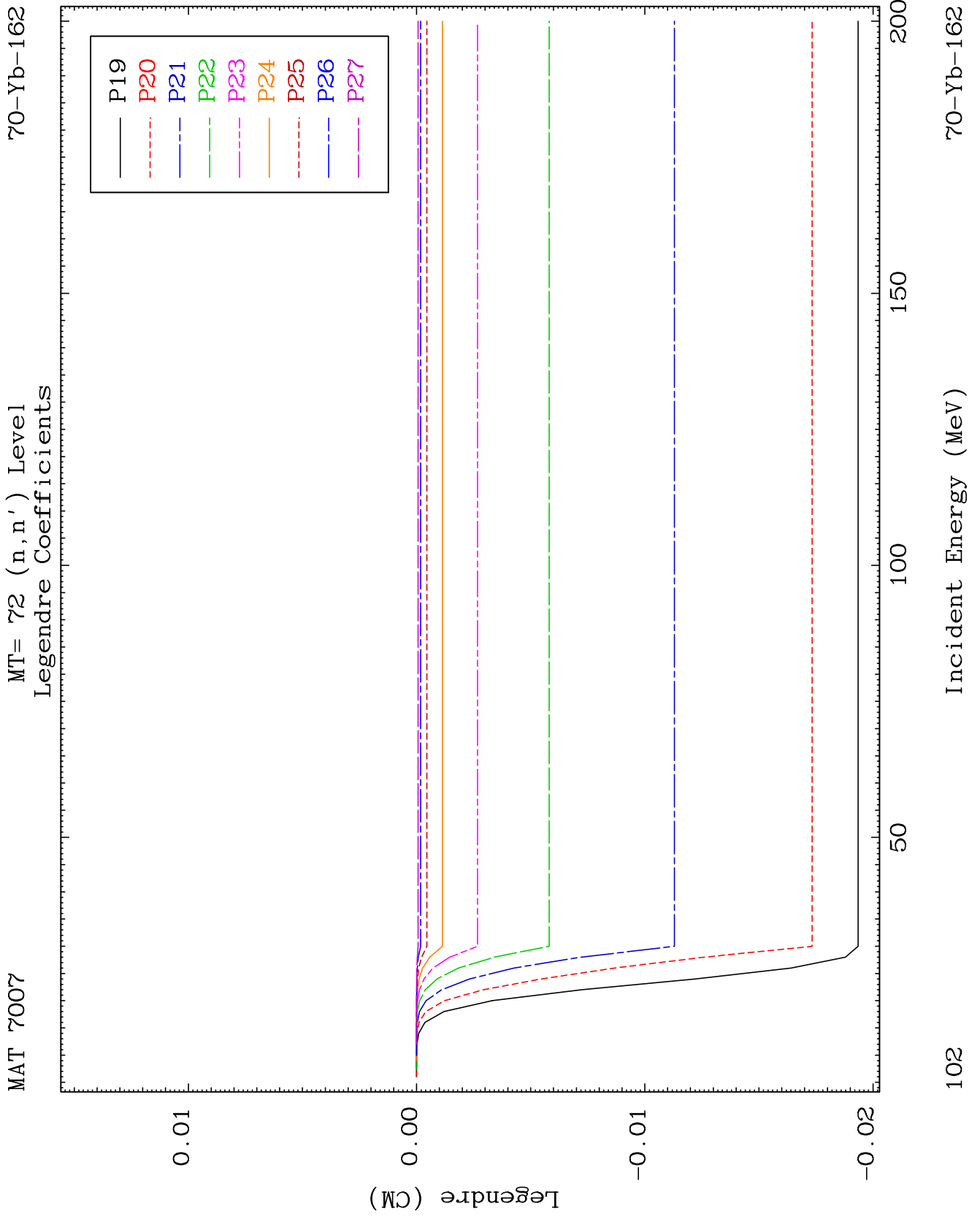
70-Yb-162

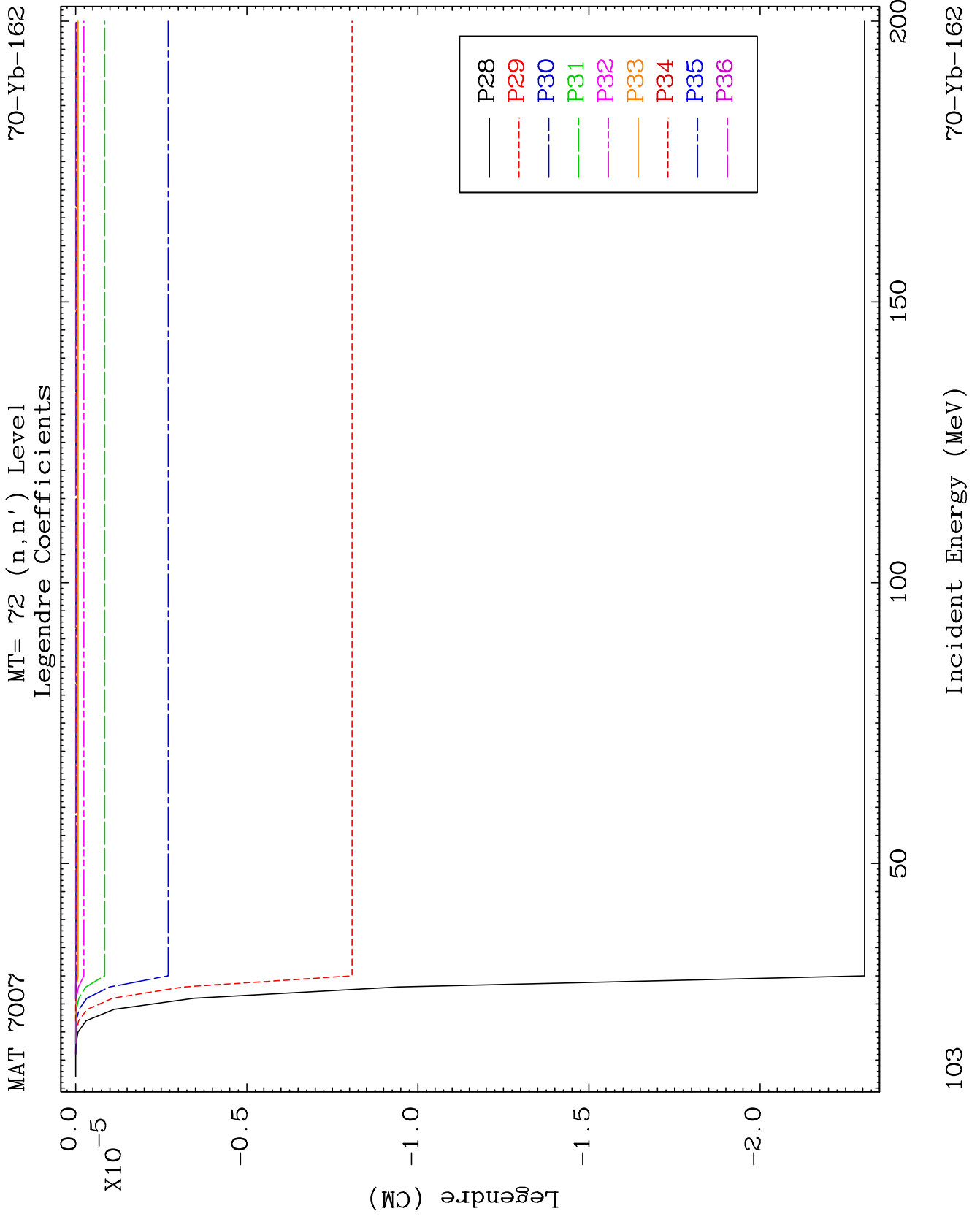


70-Yb-162

Incident Energy (MeV)

101

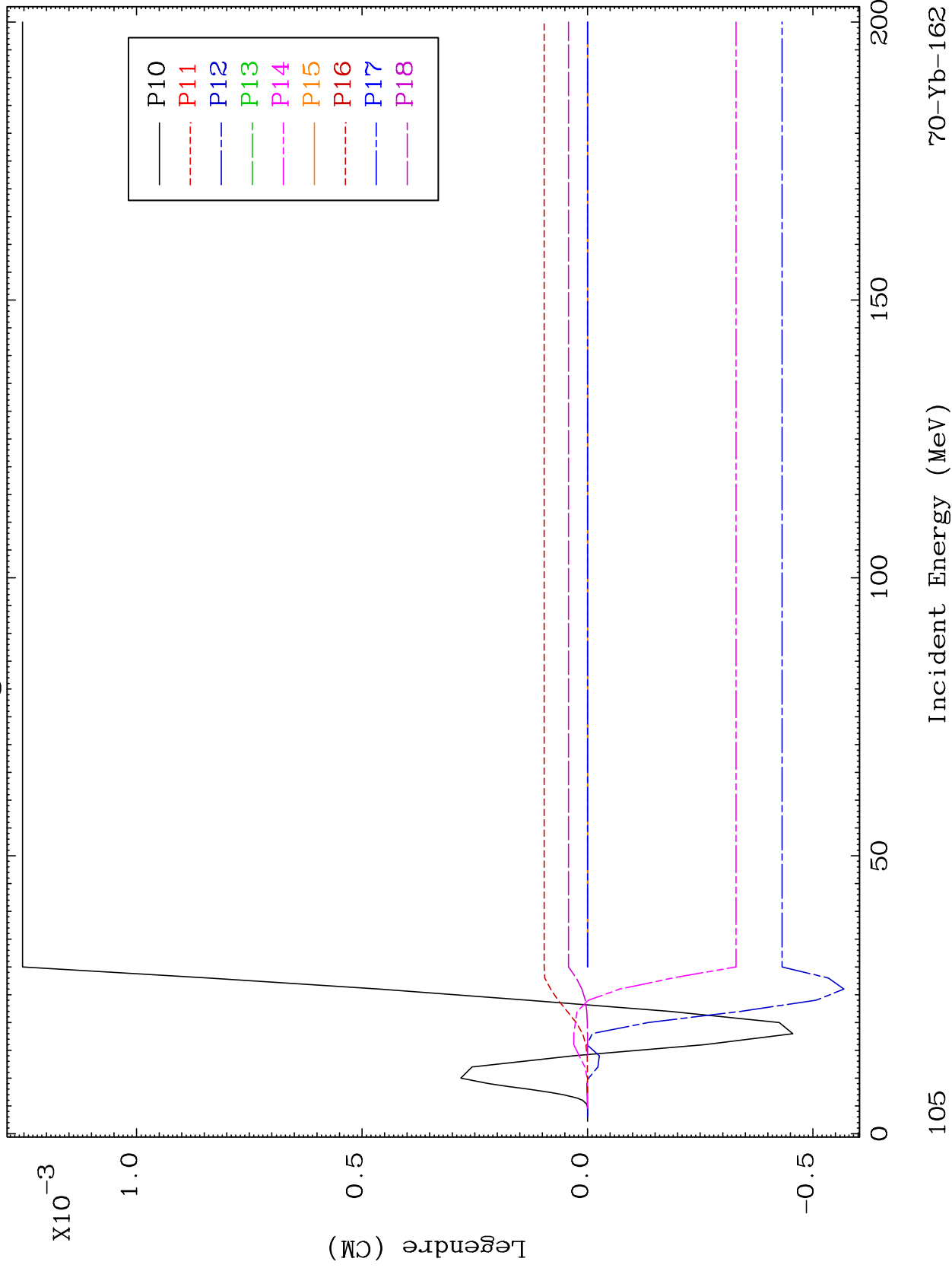


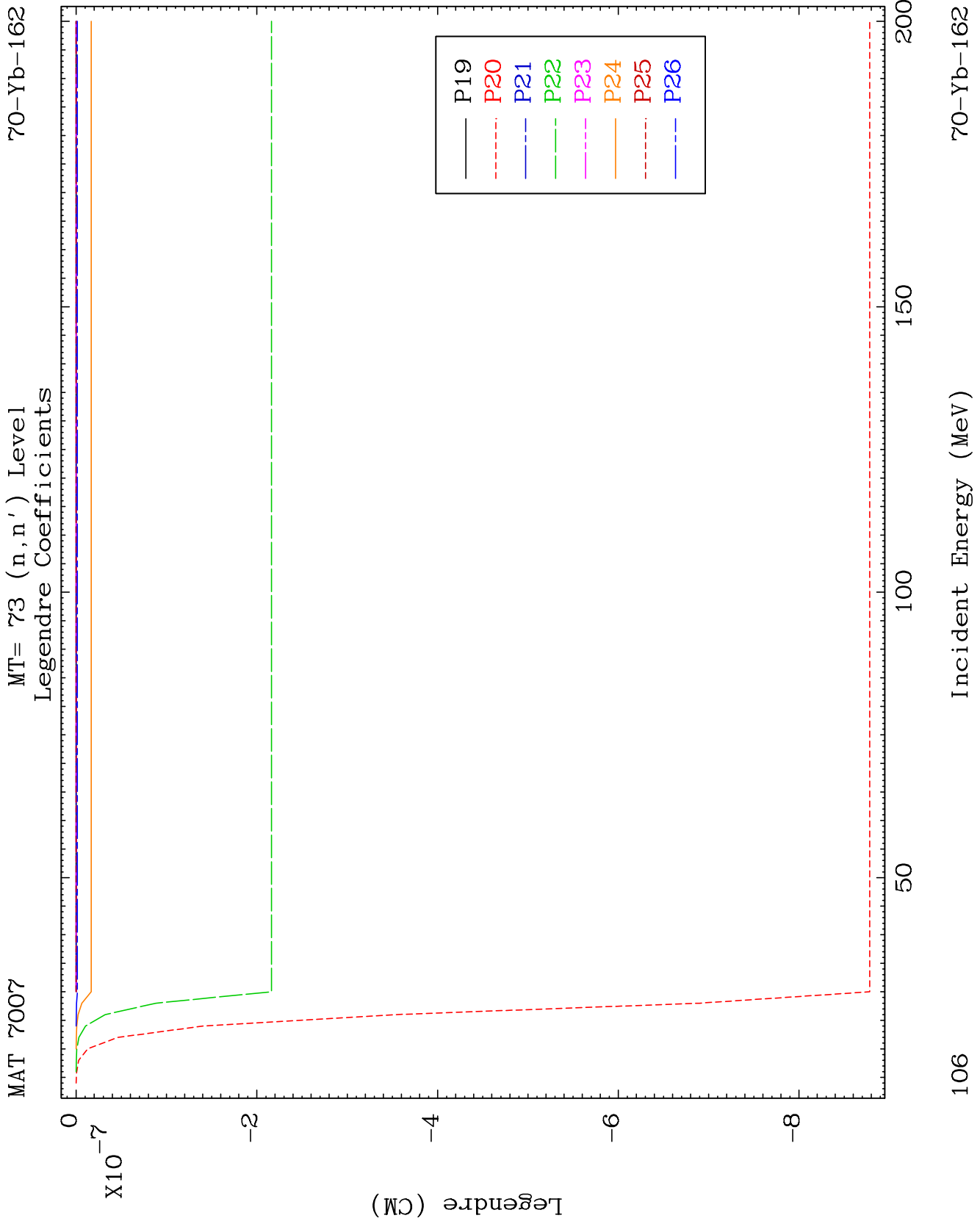


MAT 7007

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

70-Yb-162

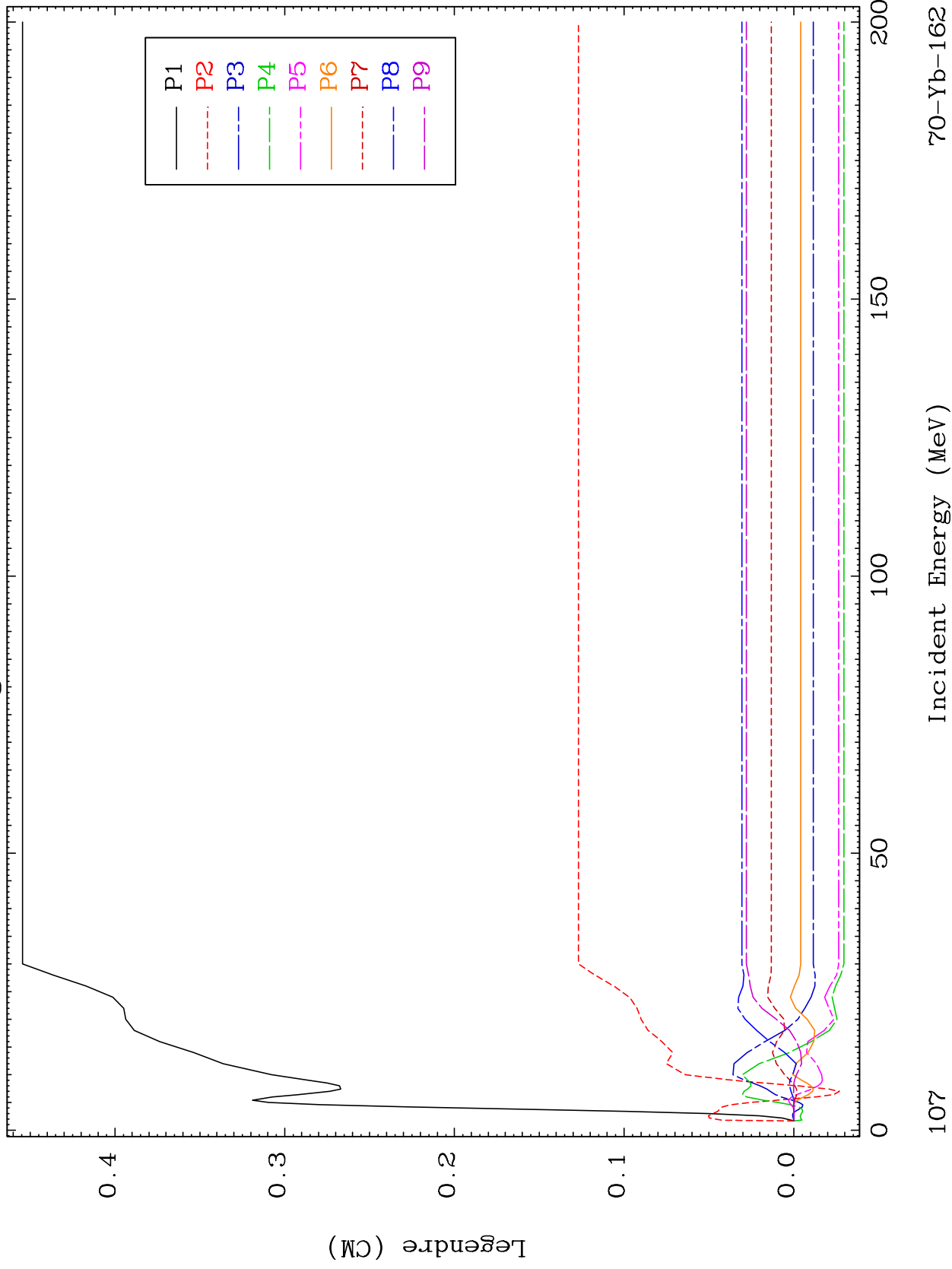




MAT 7007

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

70-Yb-162



107

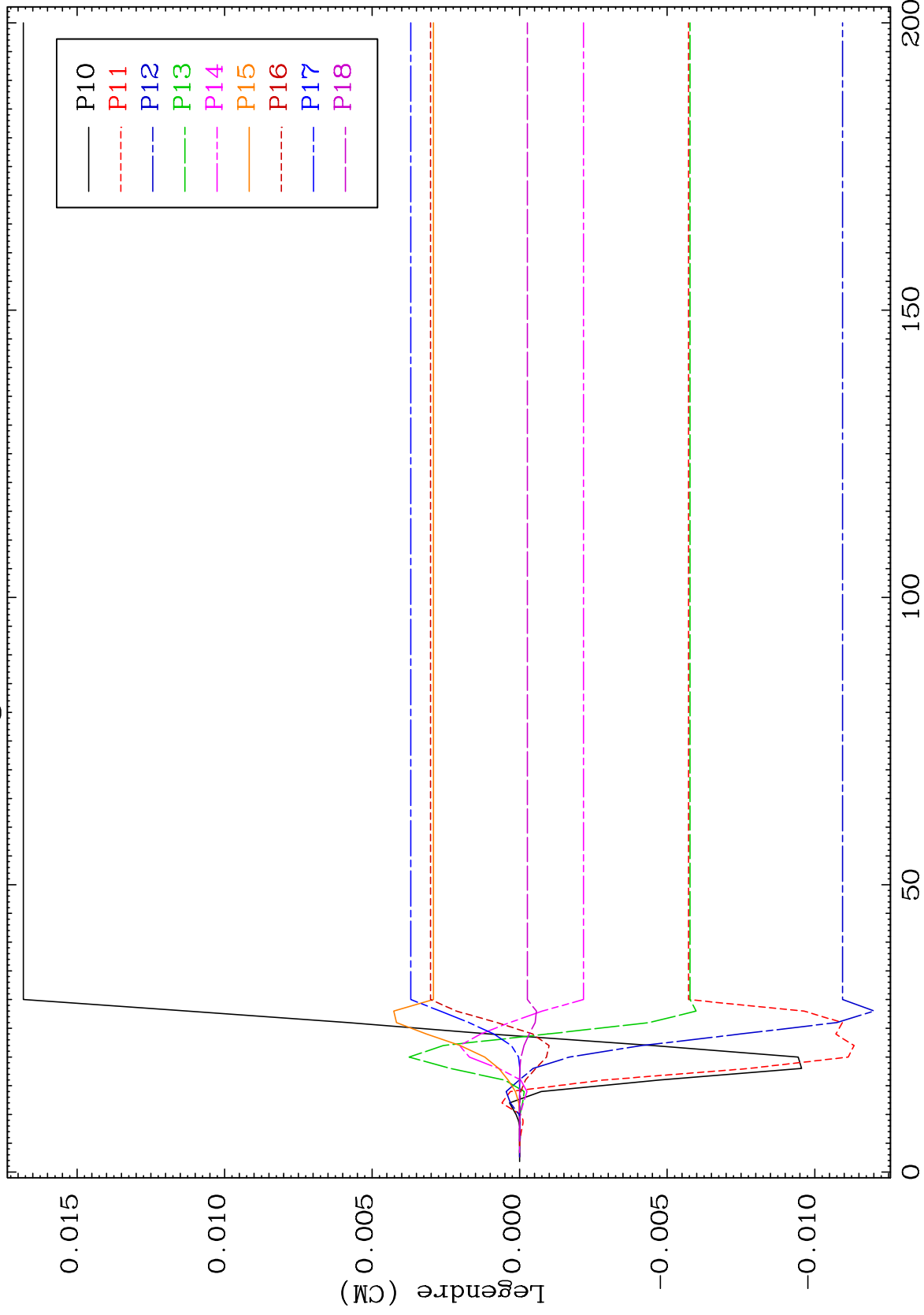
Incident Energy (MeV)

70-Yb-162

MAT 7007

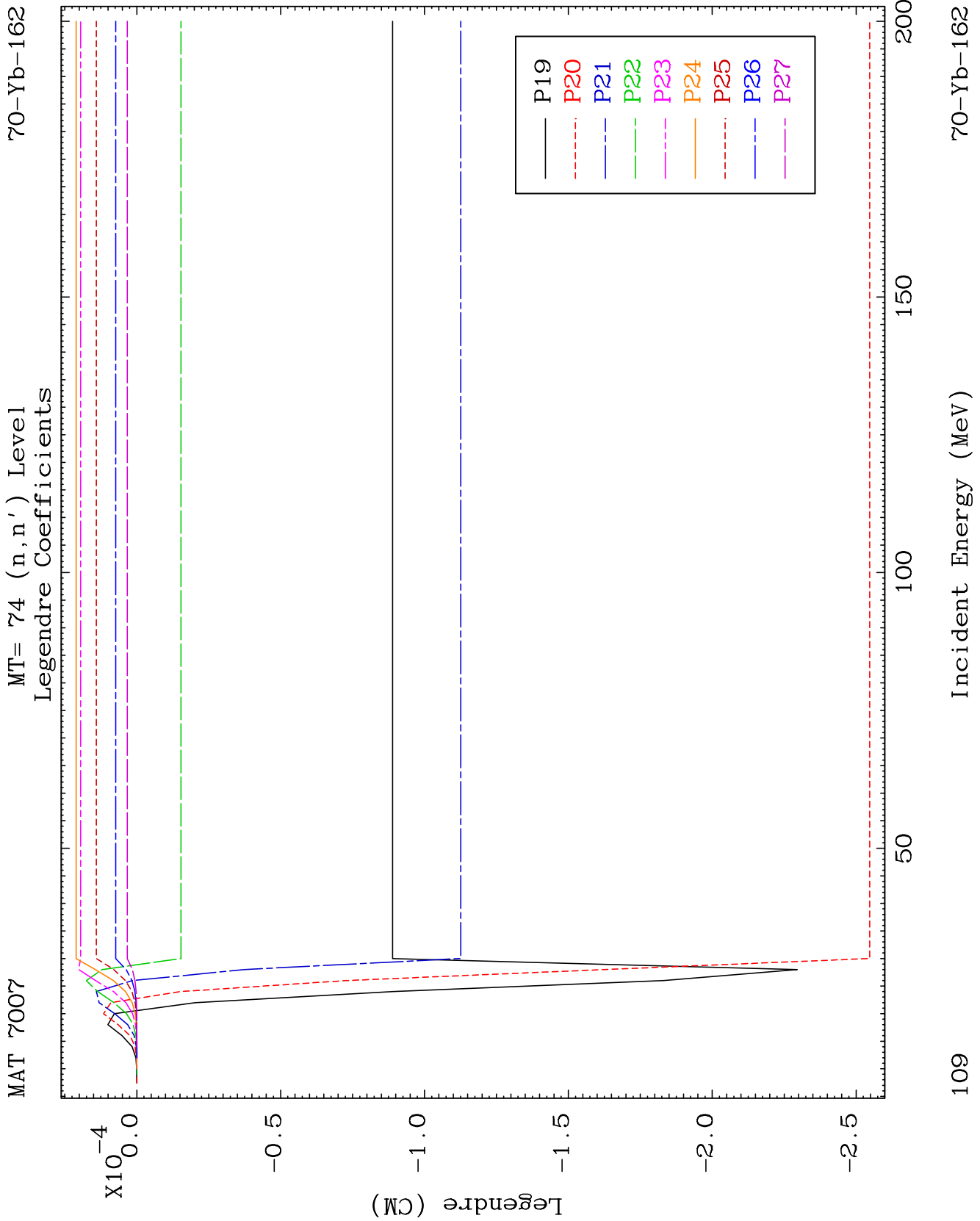
MT= 74 (n,n') Level
Legendre Coefficients

70-Yb-162



108

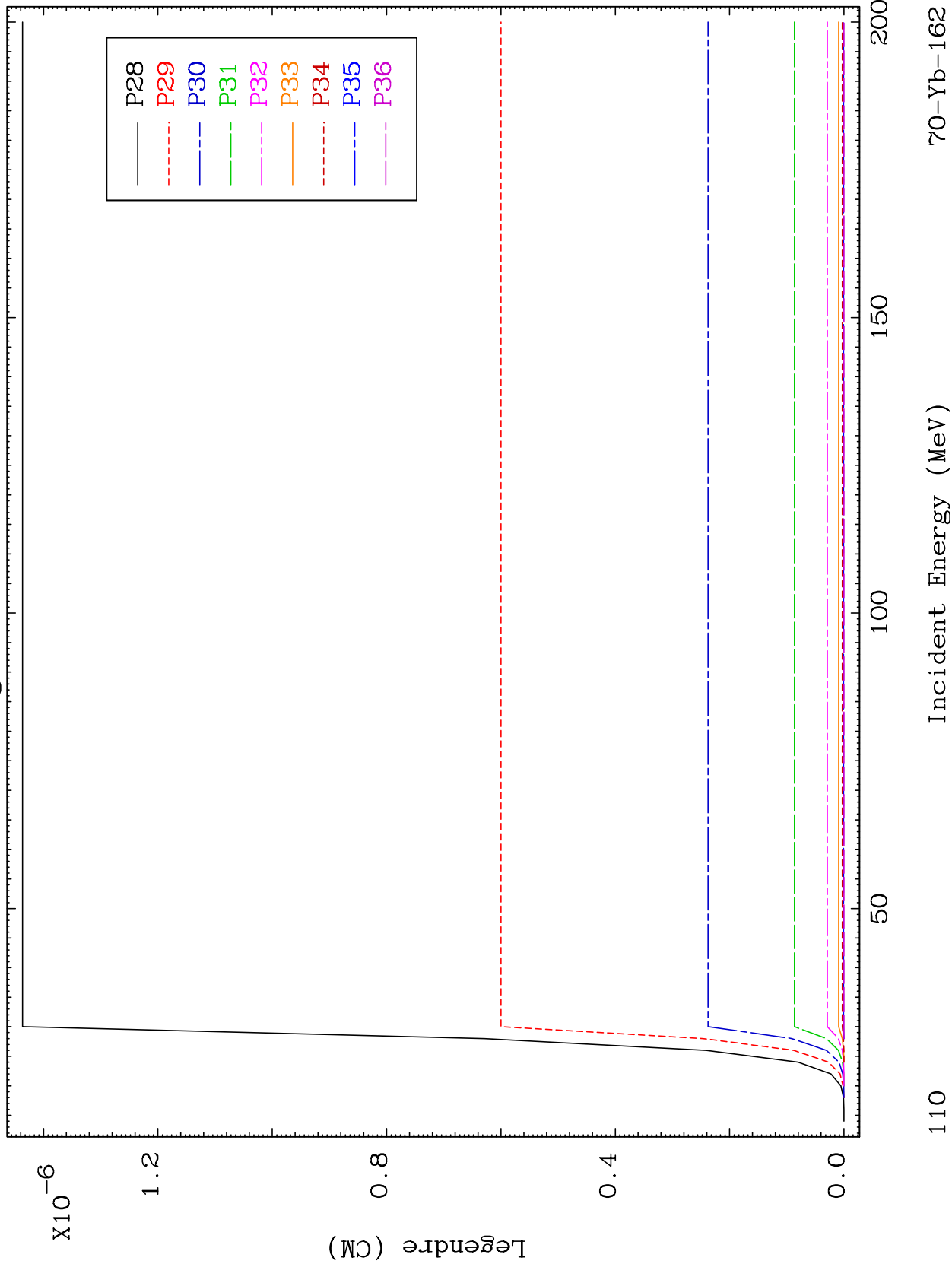
70-Yb-162

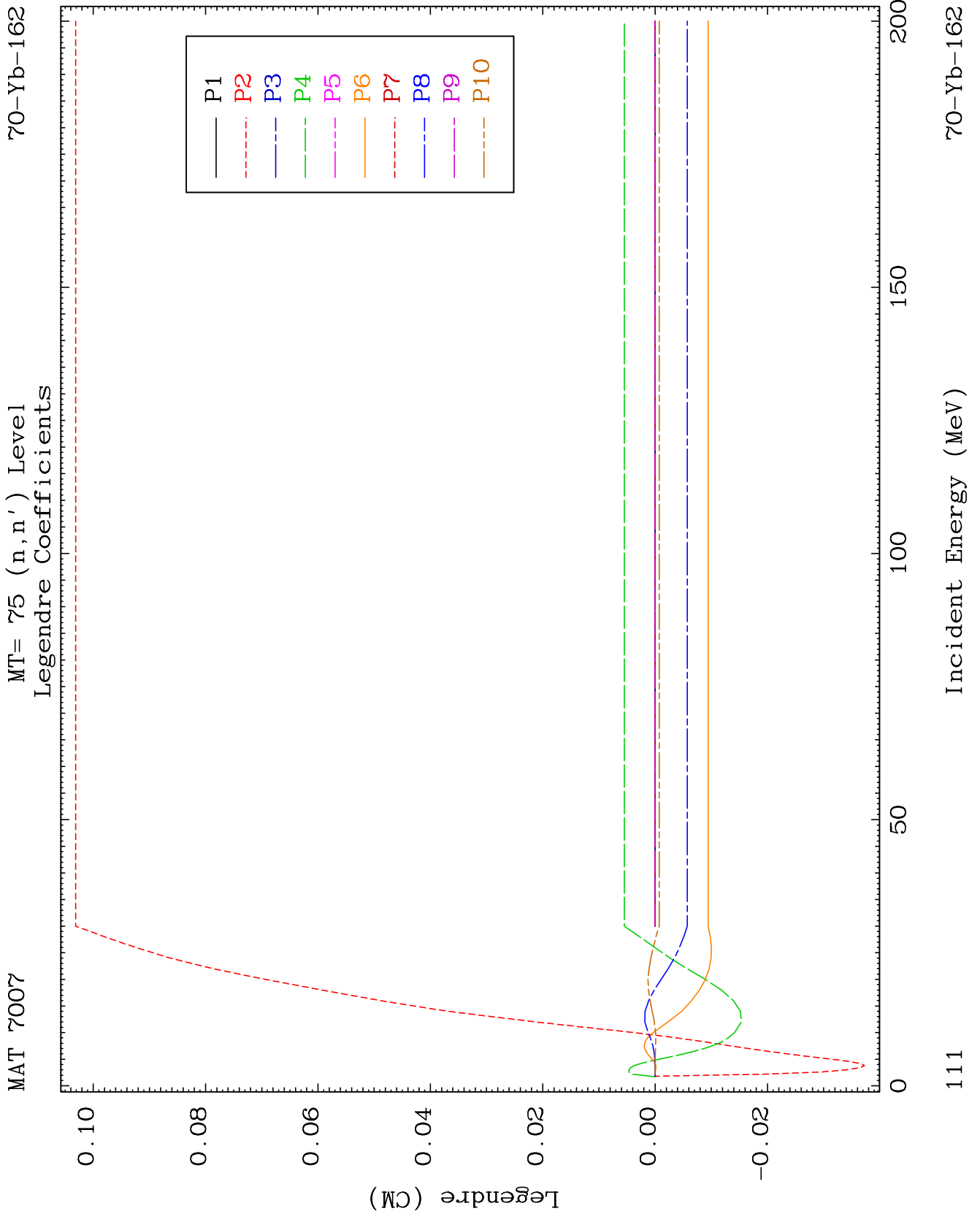


MAT 7007

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

70-Yb-162

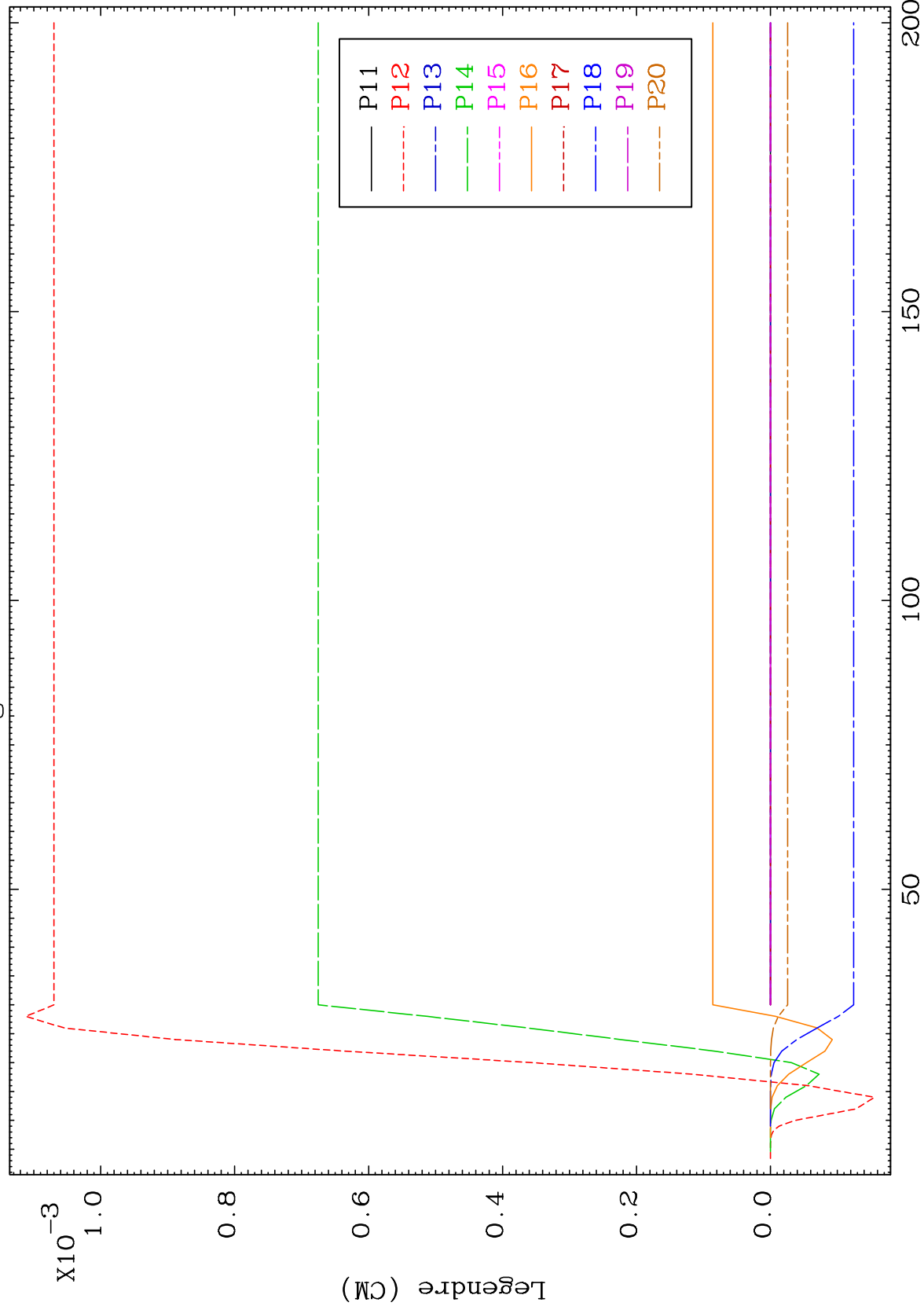




MAT 7007

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

70-Yb-162



112

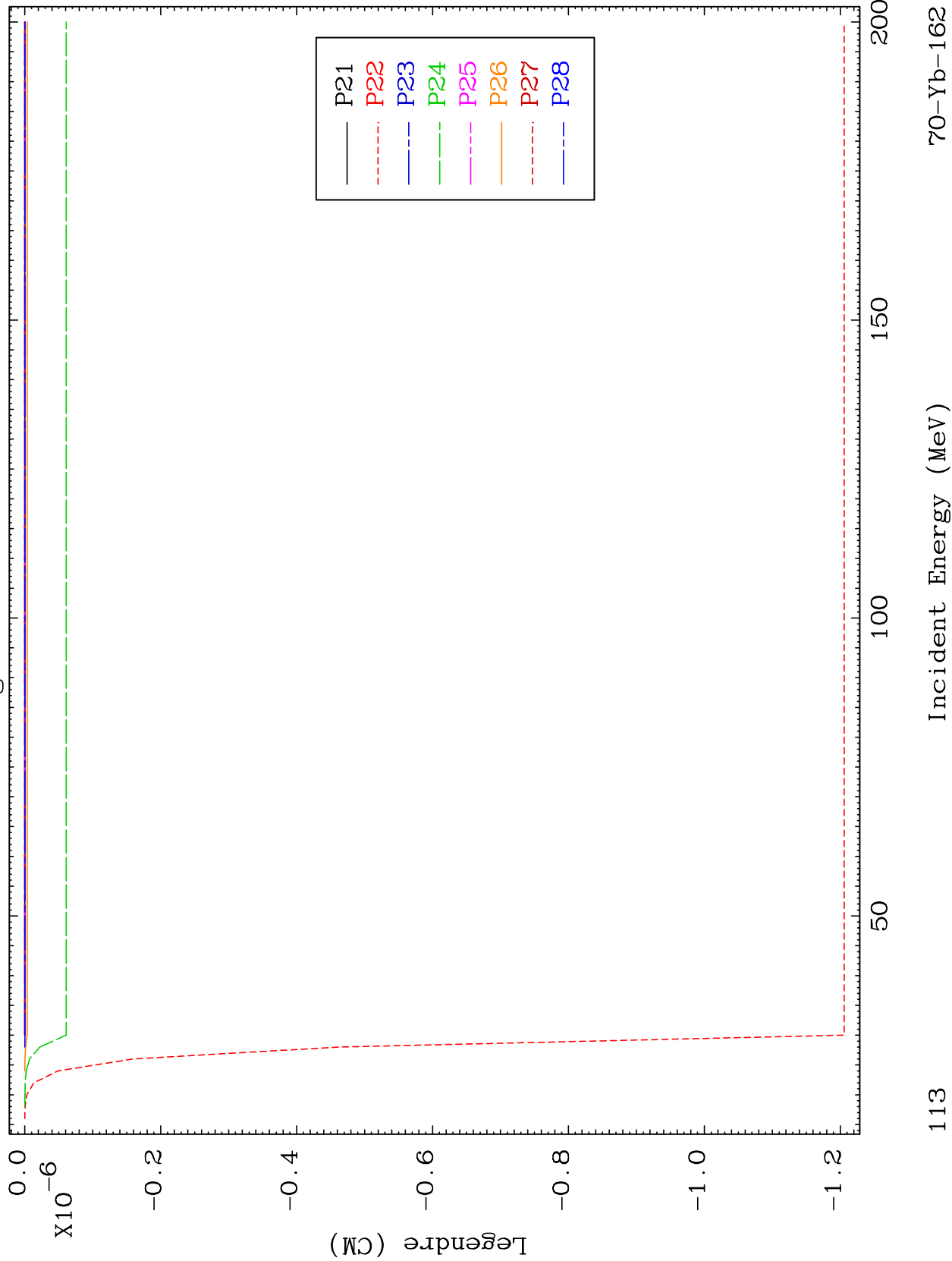
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

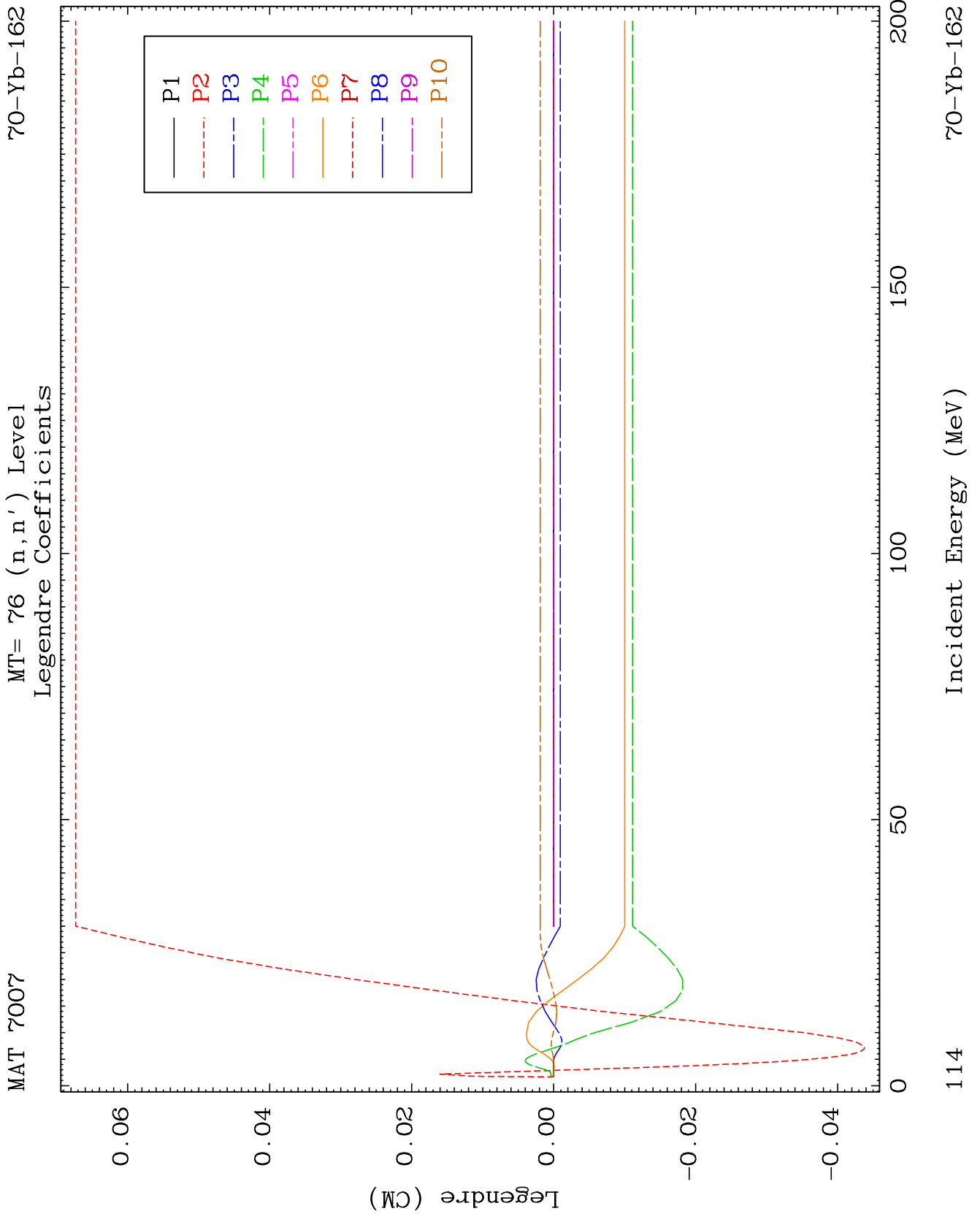
70-Yb-162

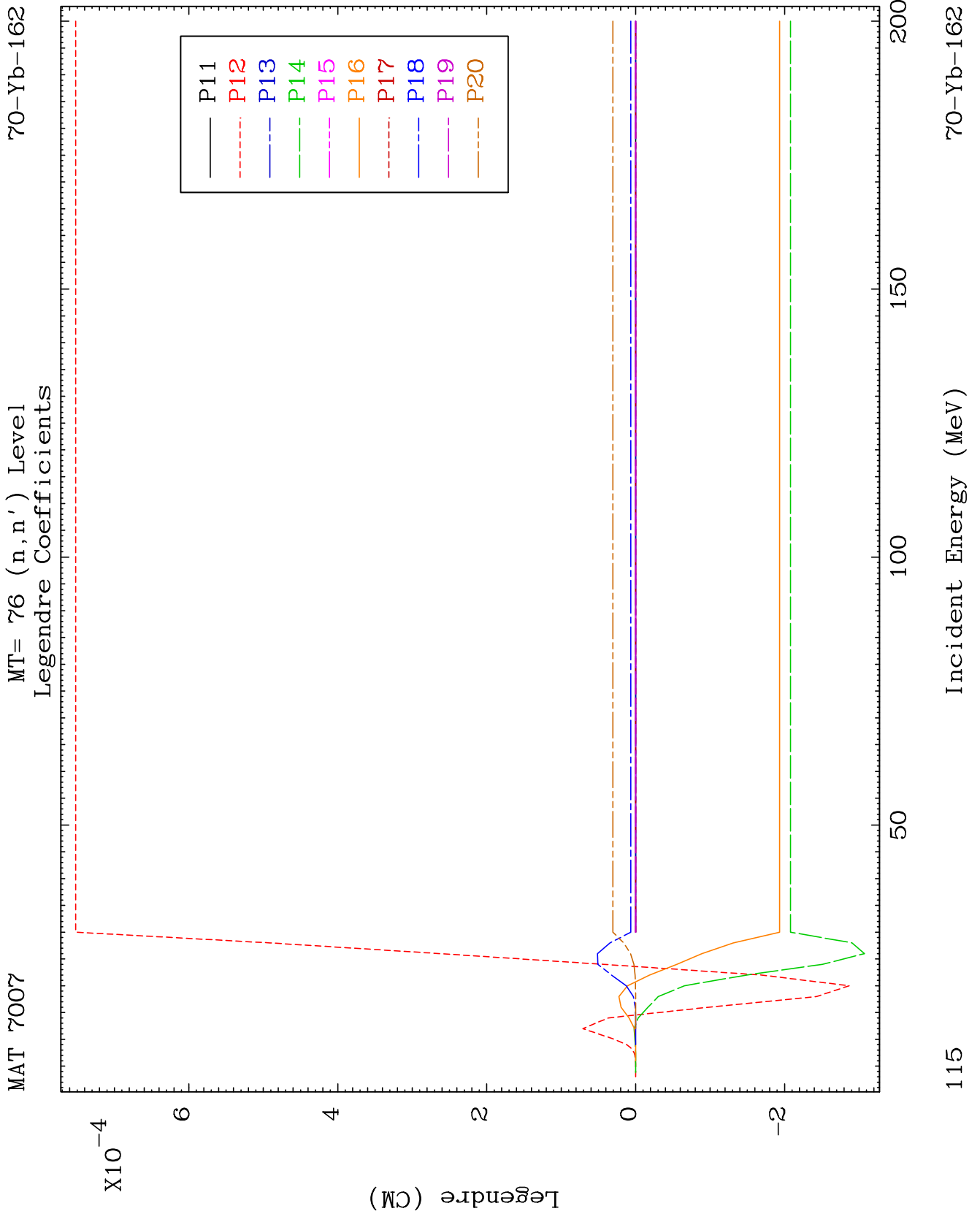


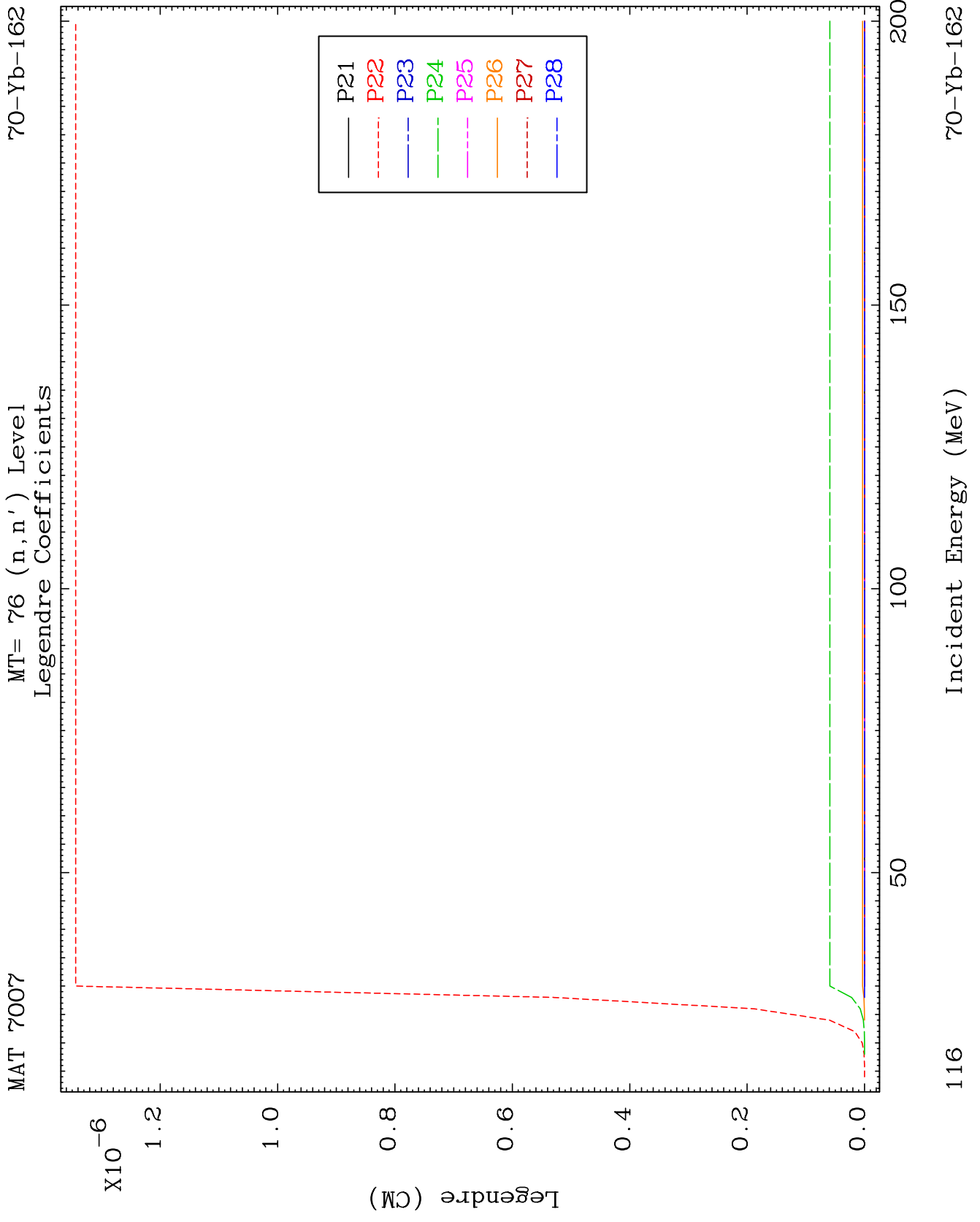
113

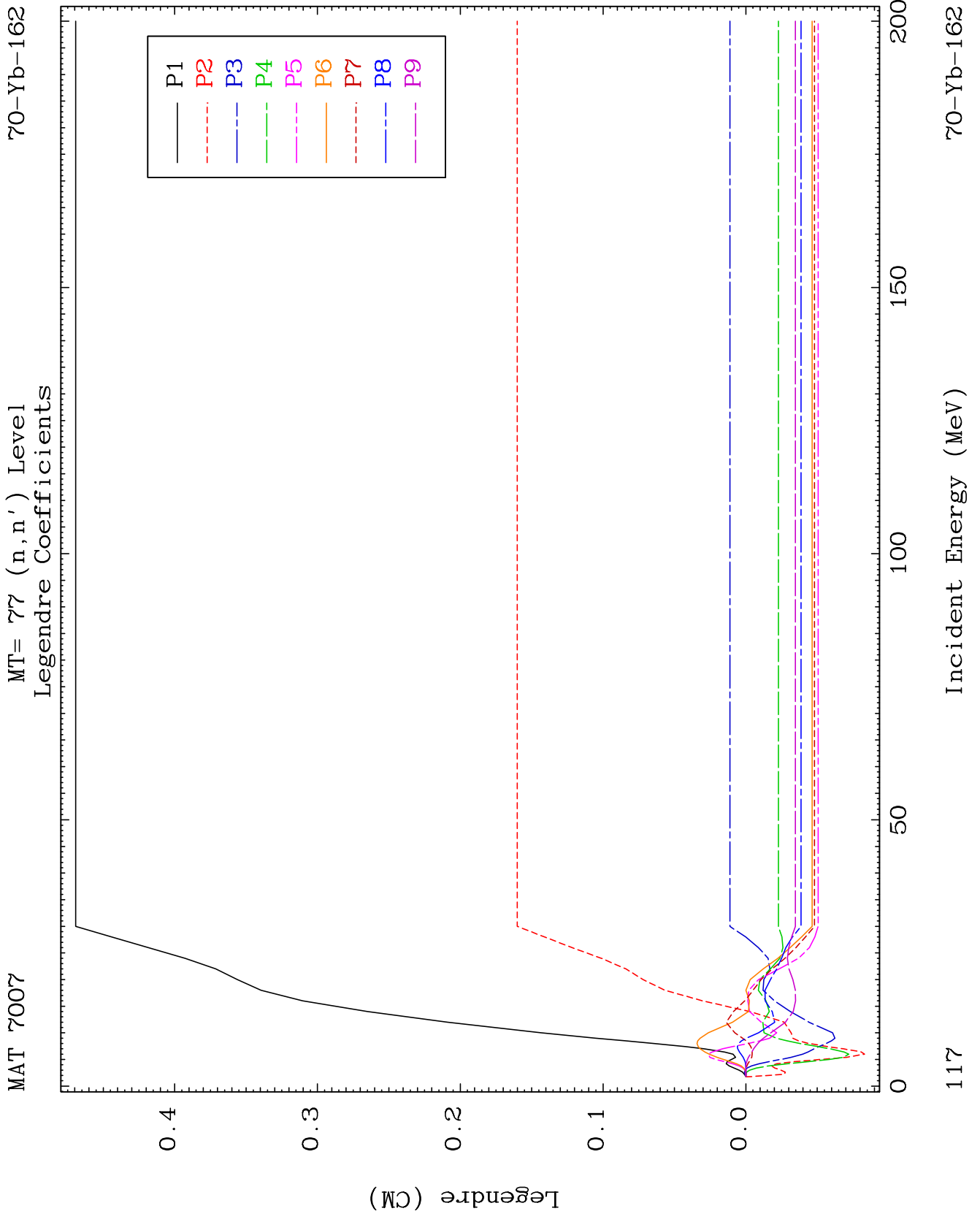
Incident Energy (MeV)

70-Yb-162





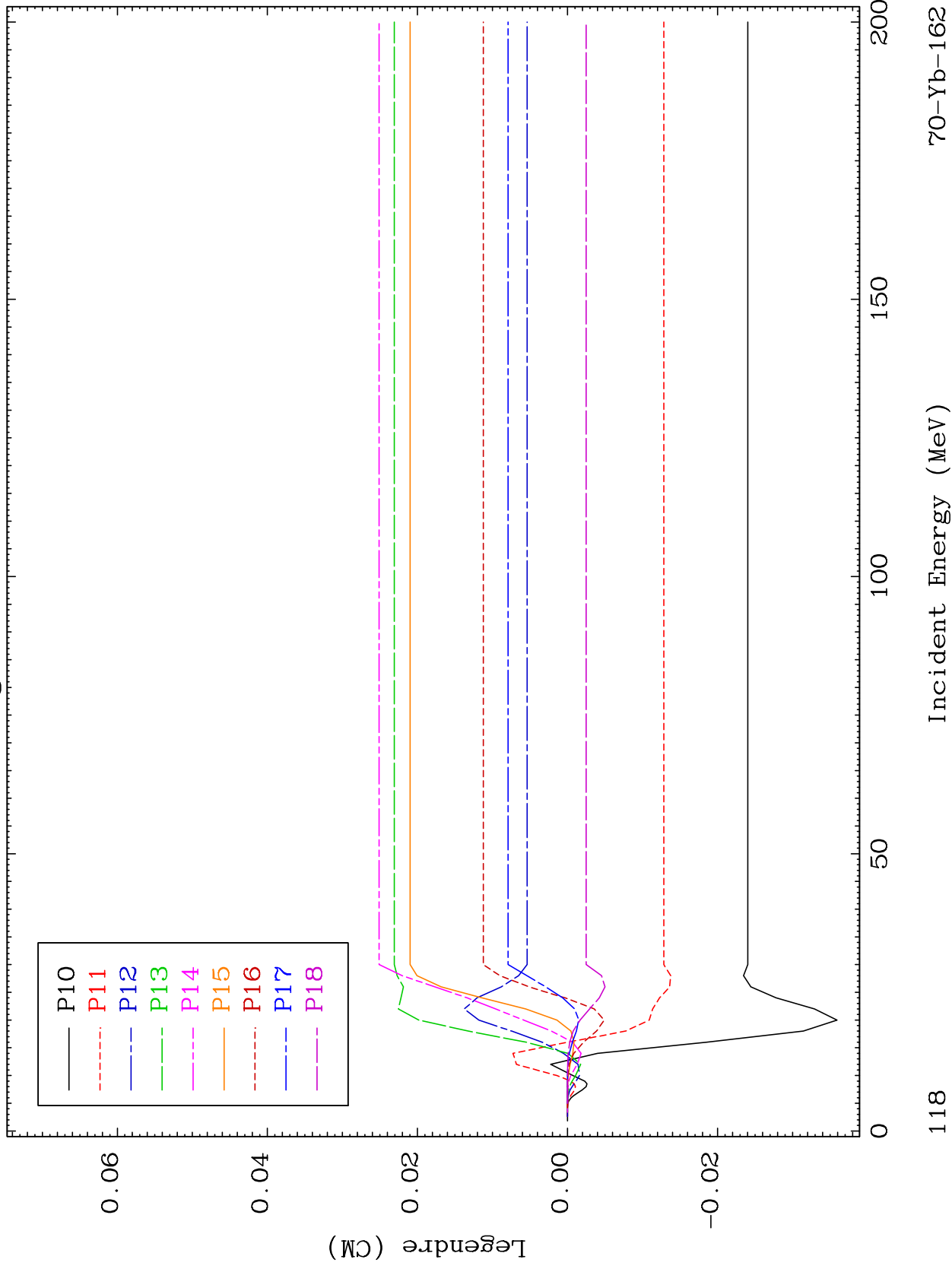




MAT 7007

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

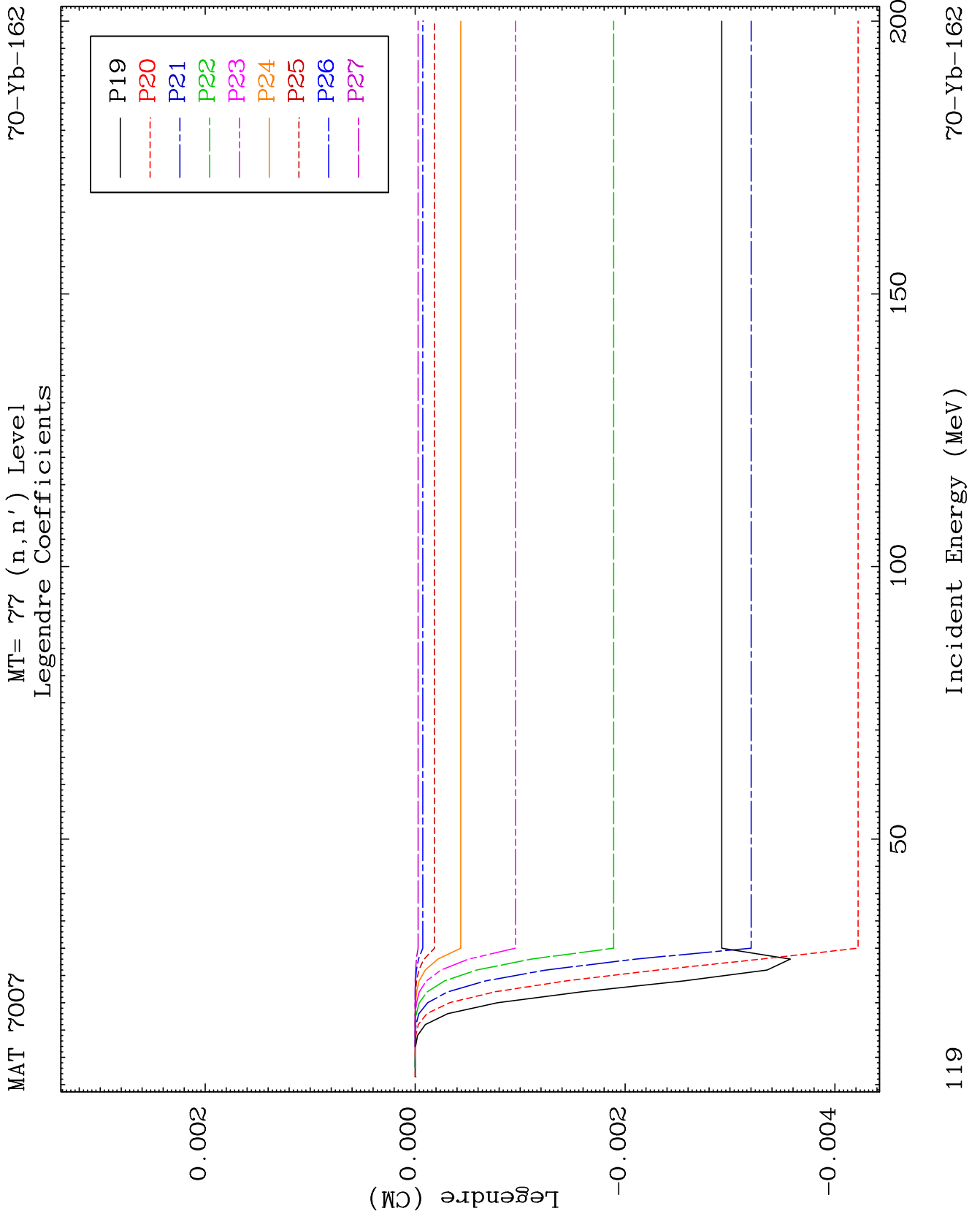
70-Yb-162

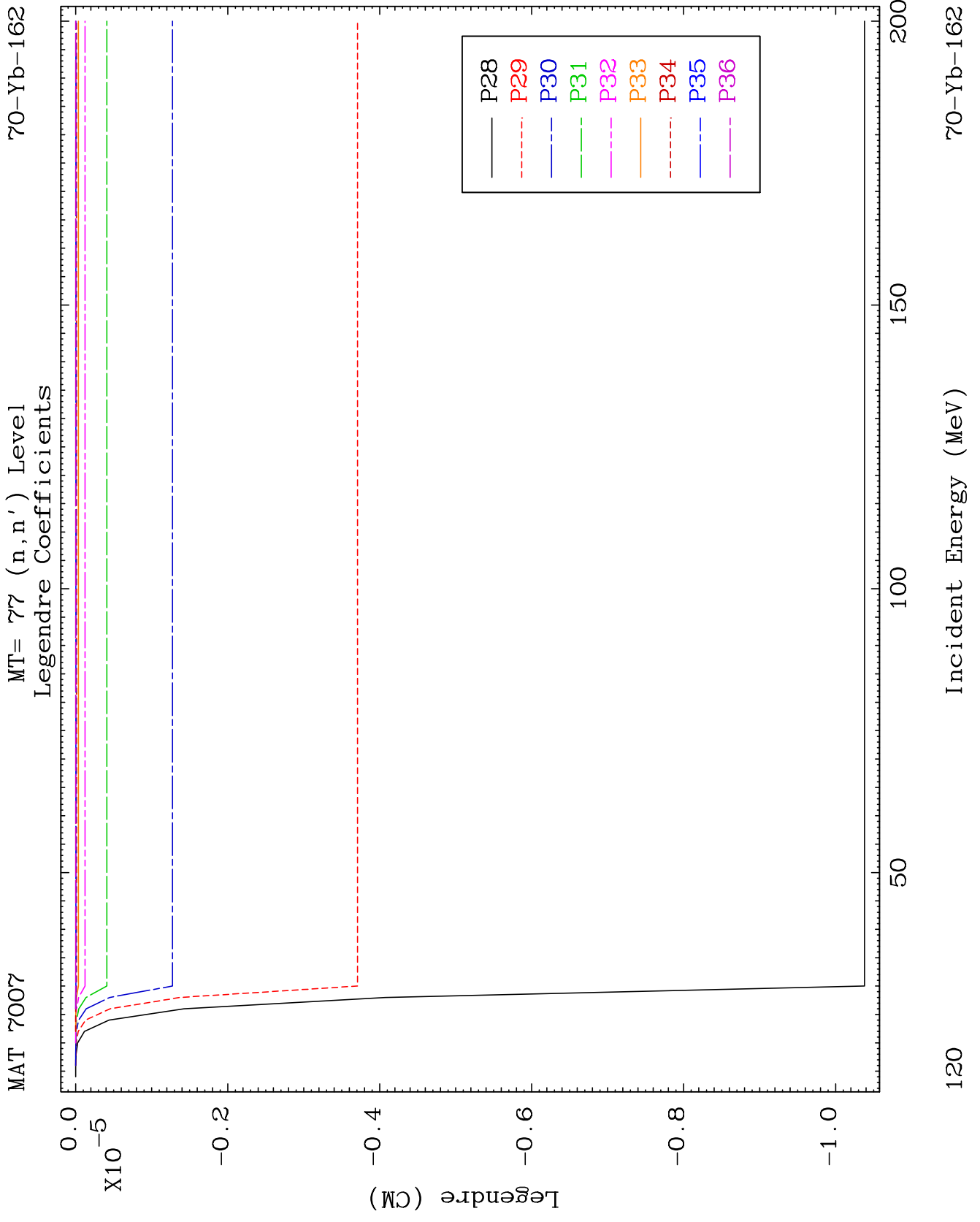


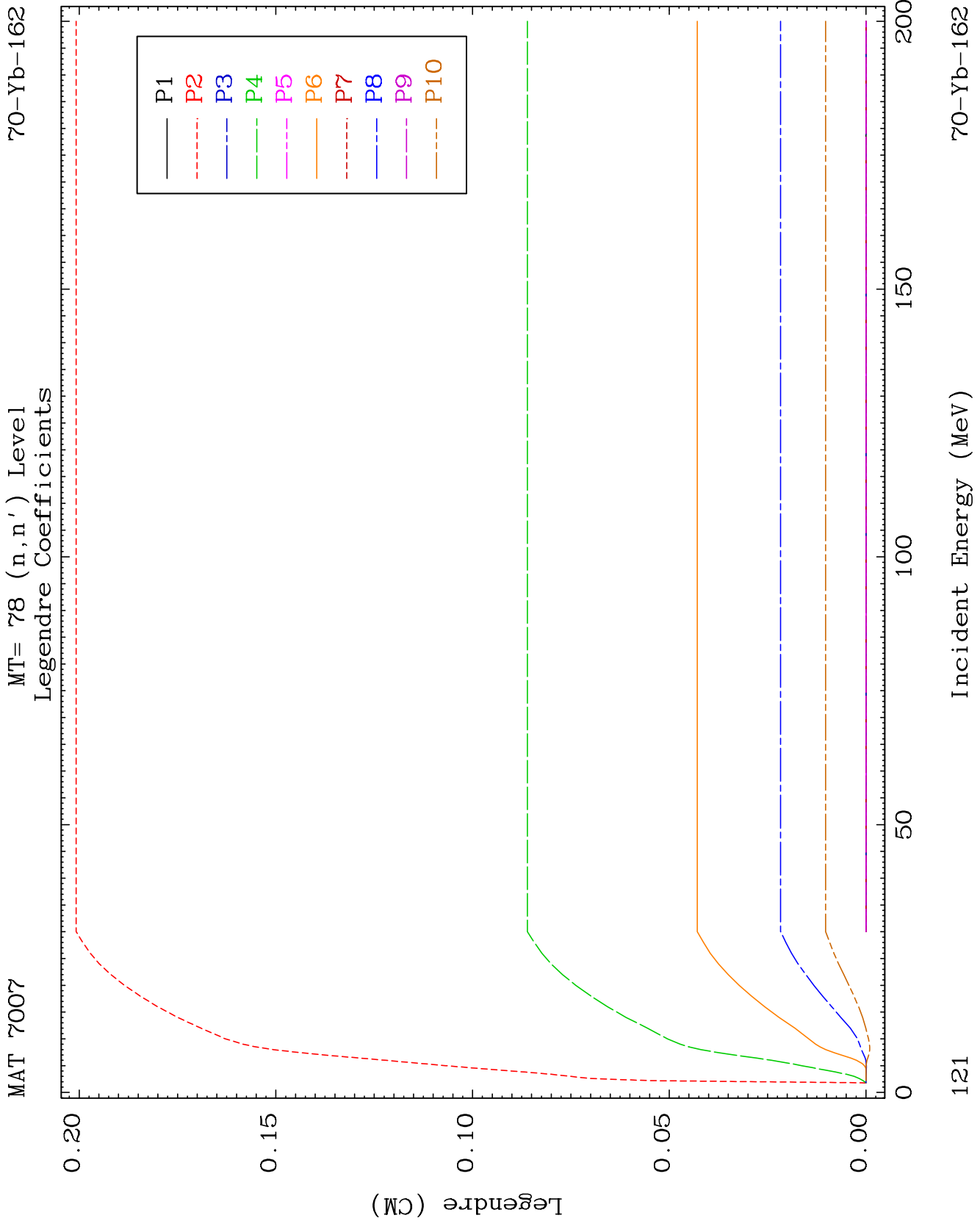
118

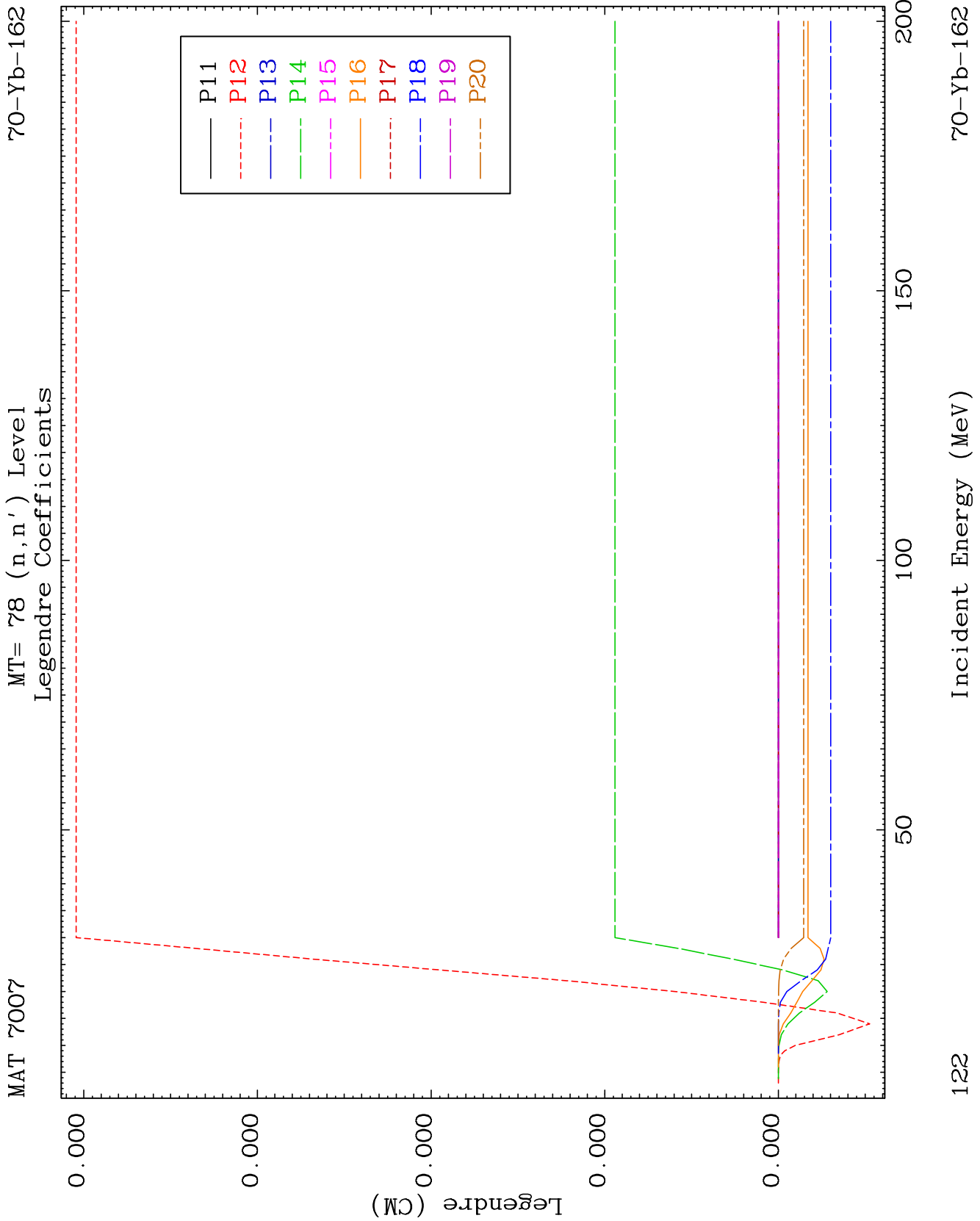
Incident Energy (MeV)

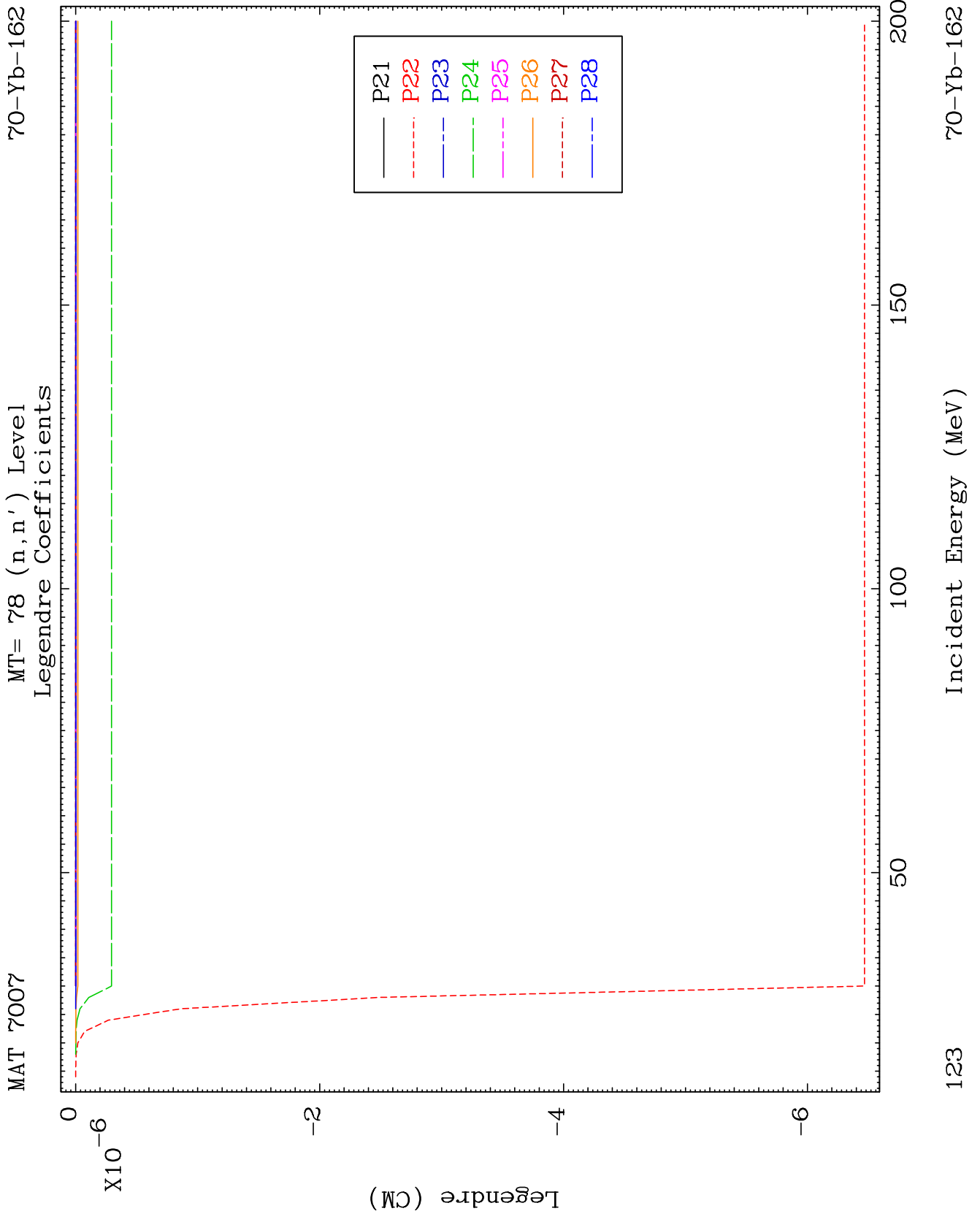
70-Yb-162

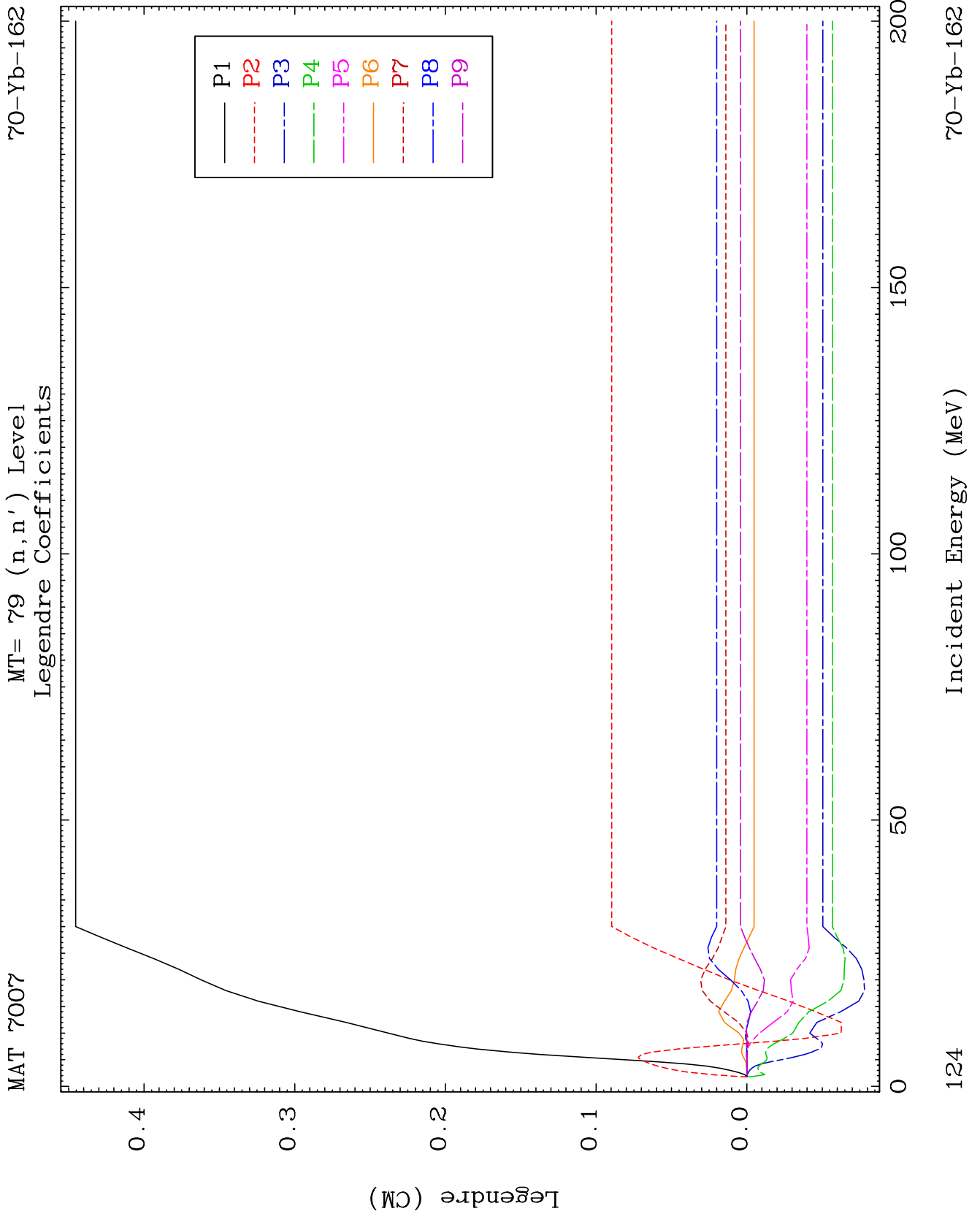








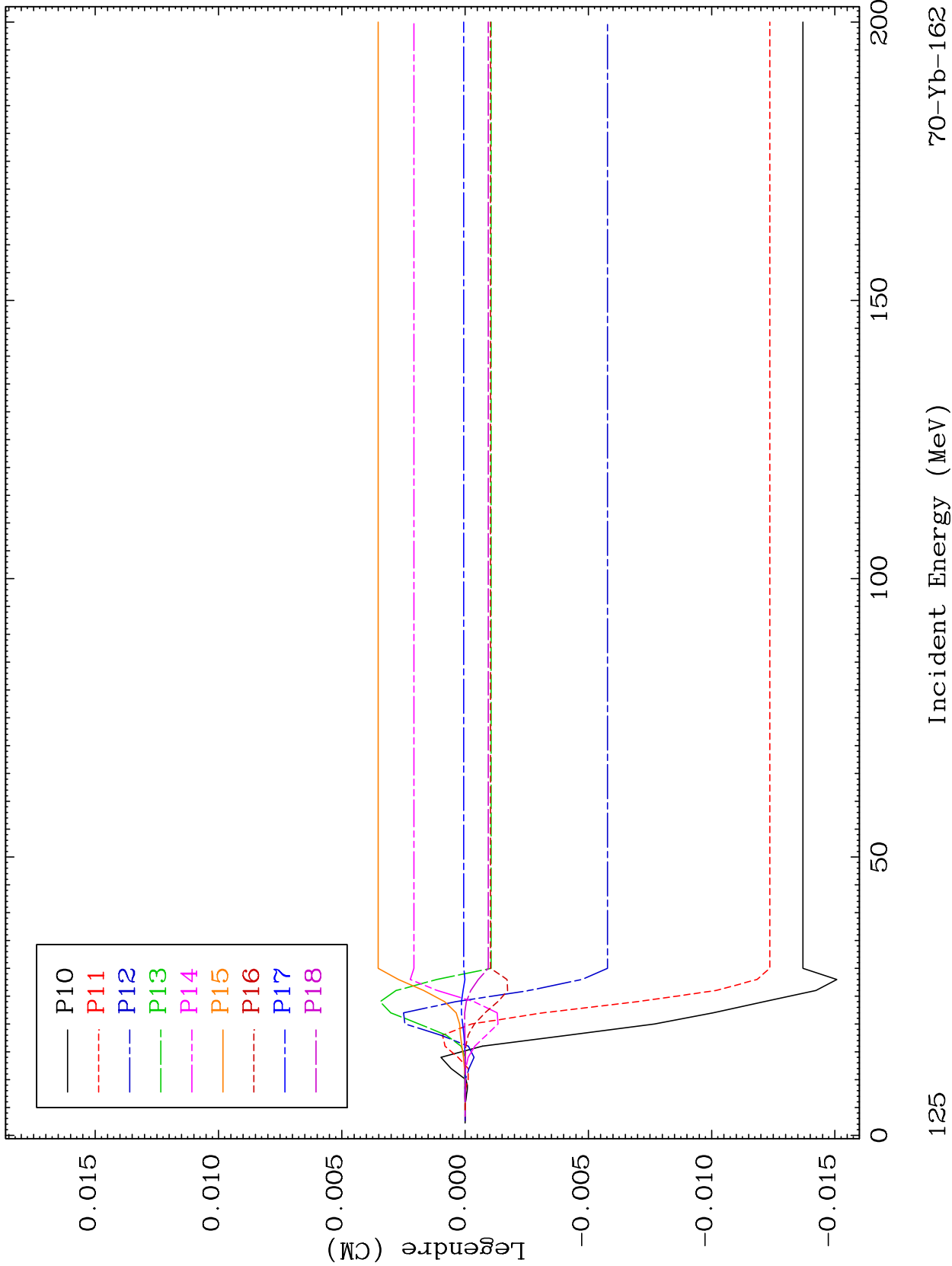




MAT 7007

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

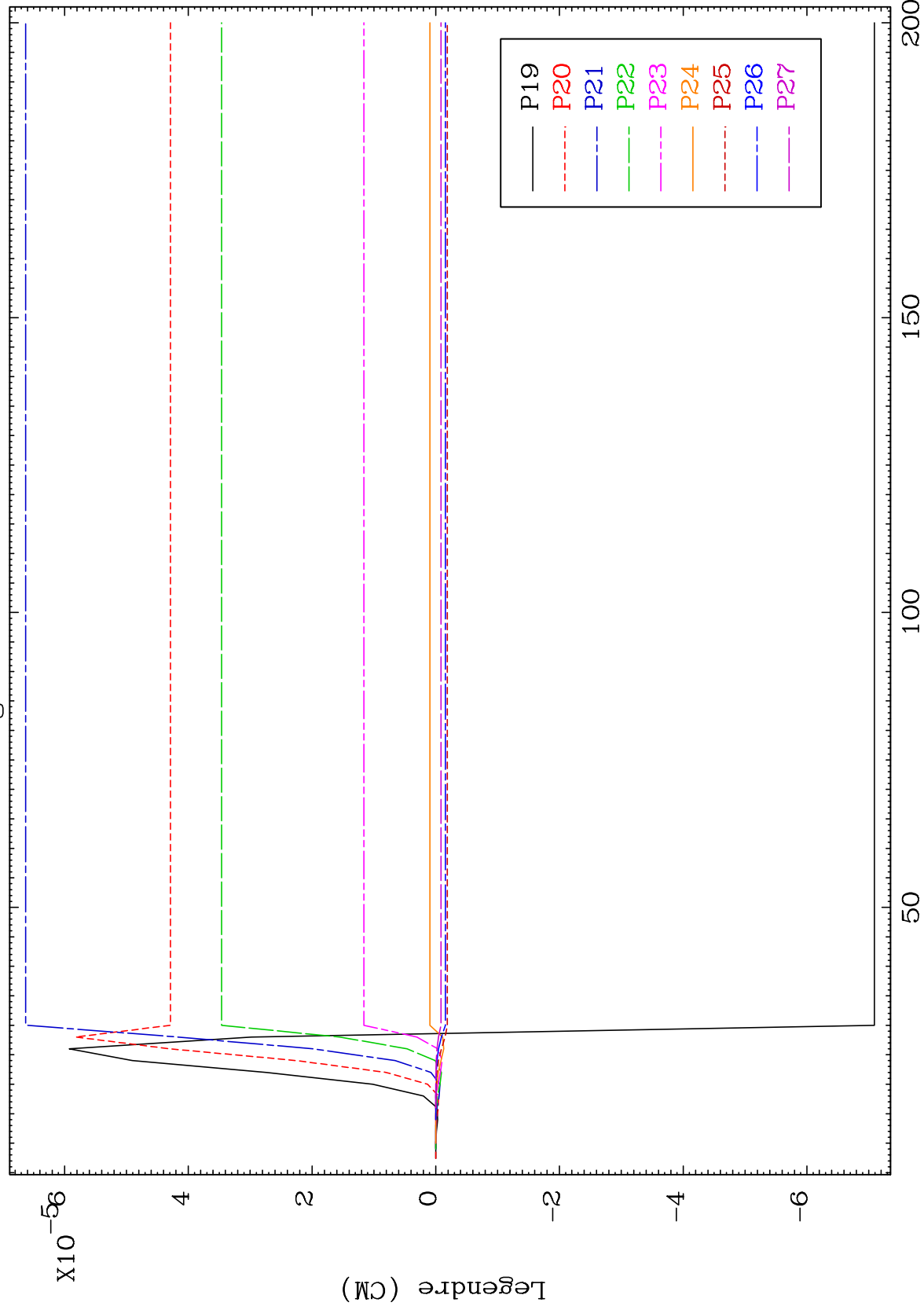
70-Yb-162

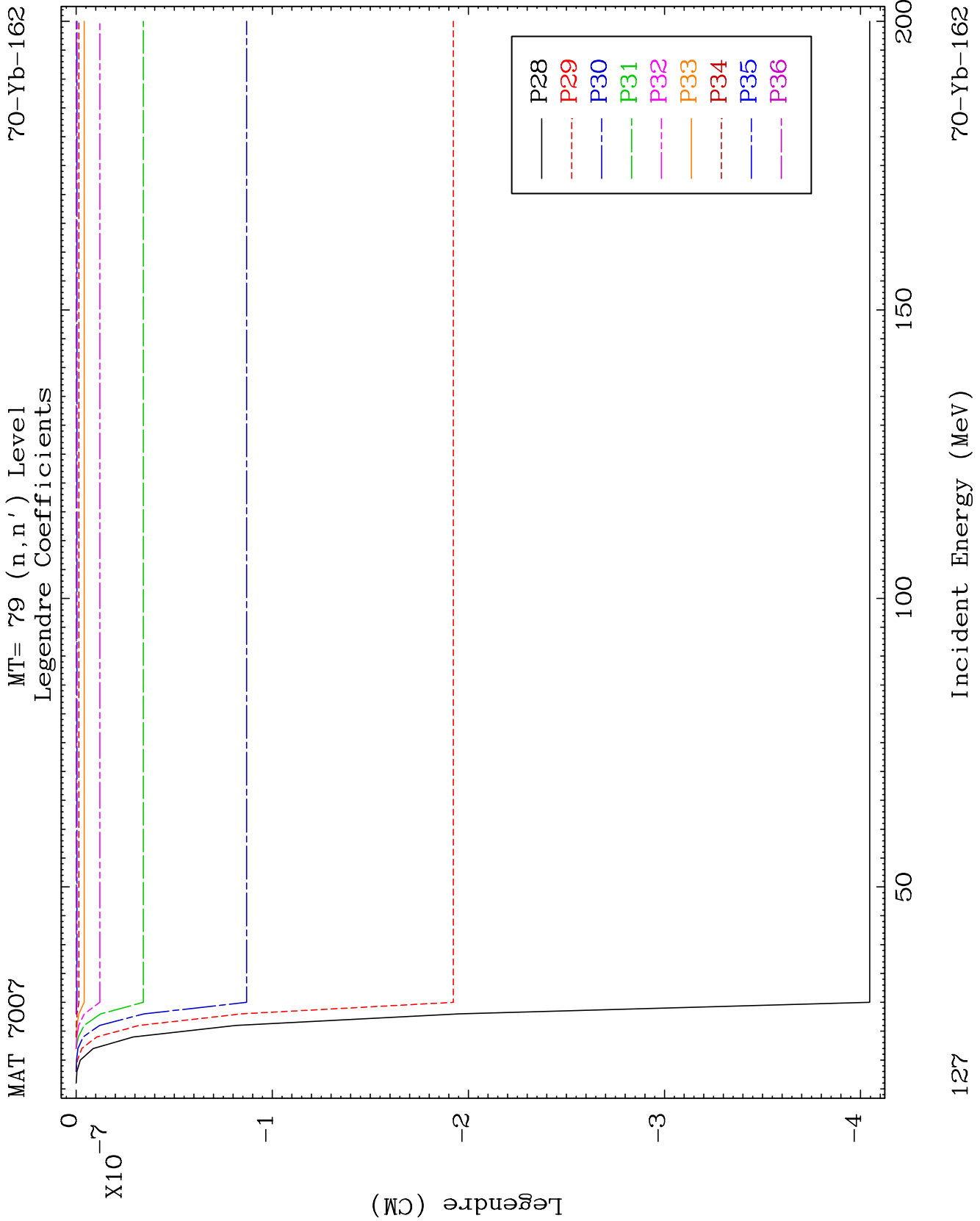


70-Yb-162

Incident Energy (MeV)

125

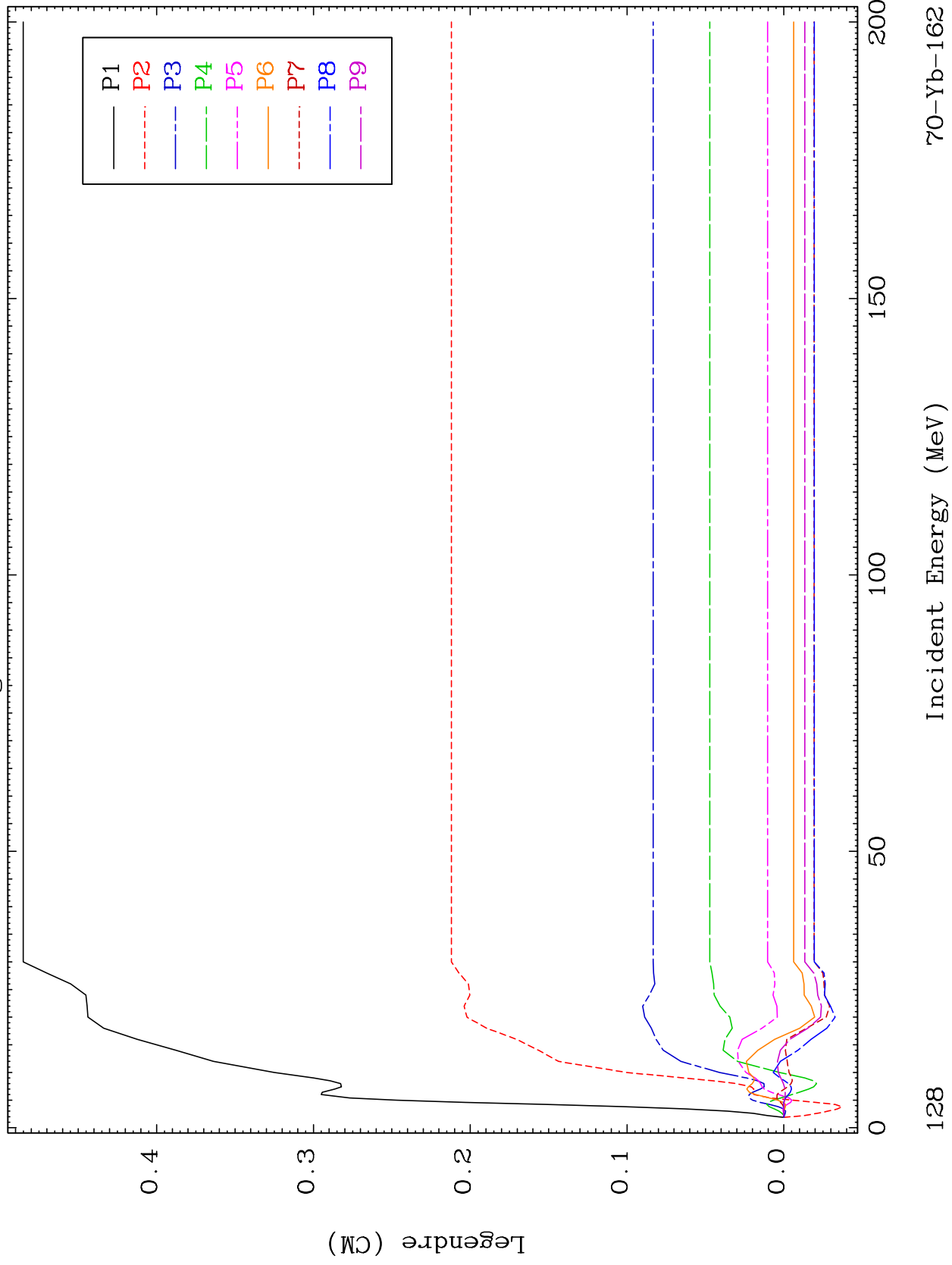




MAT 7007

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

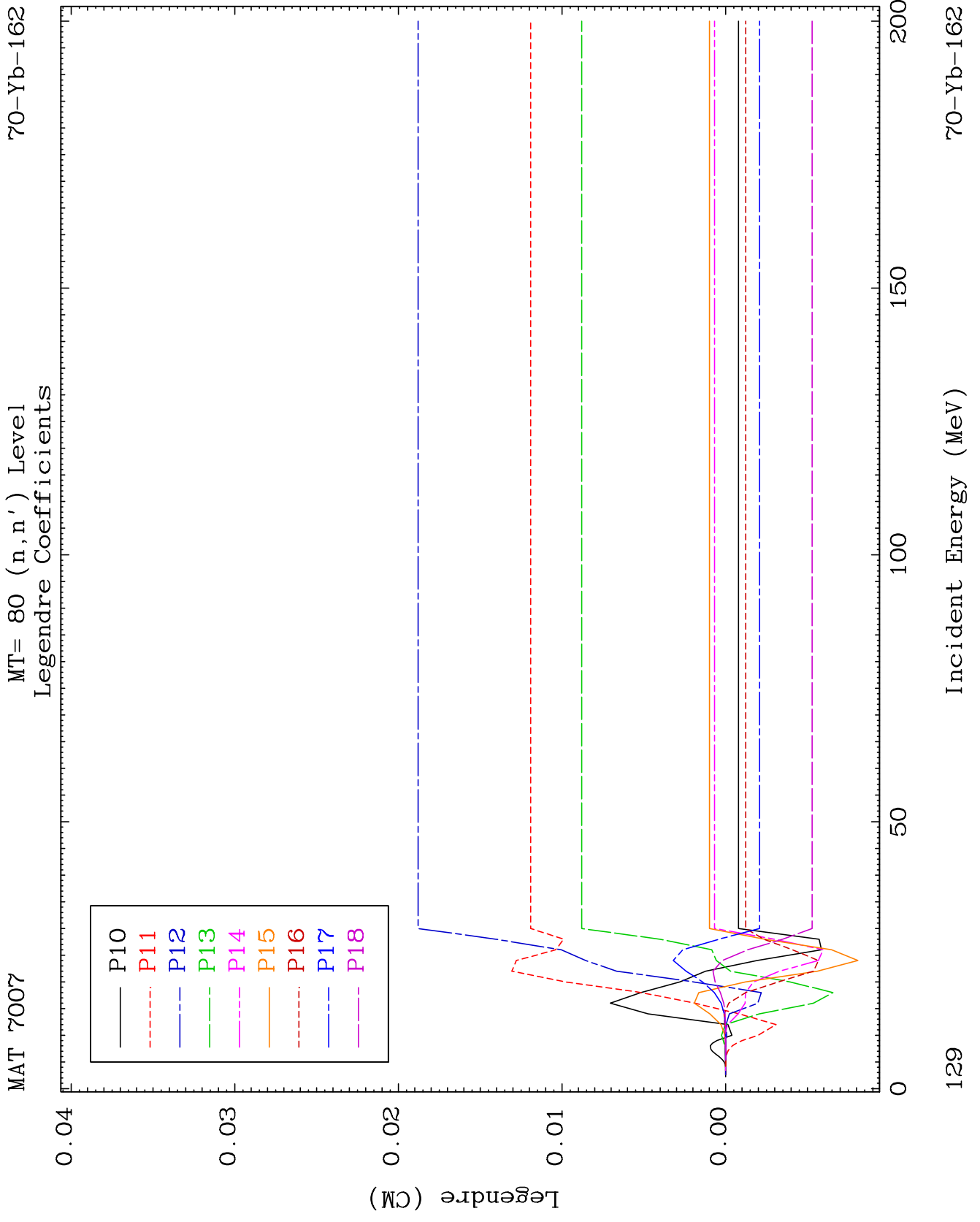
70-Yb-162



128

Incident Energy (MeV)

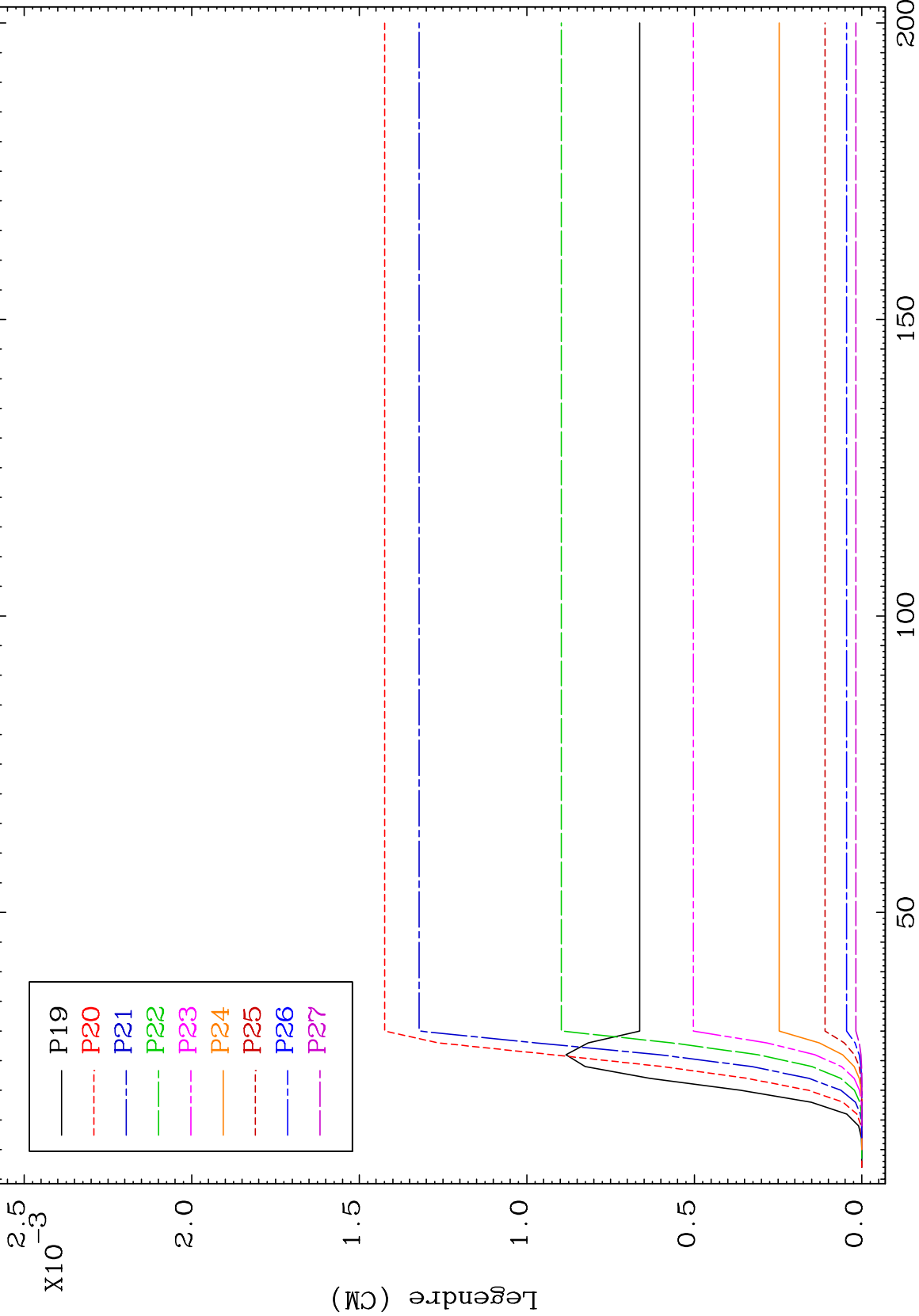
70-Yb-162



MAT 7007

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

70-Yb-162



130

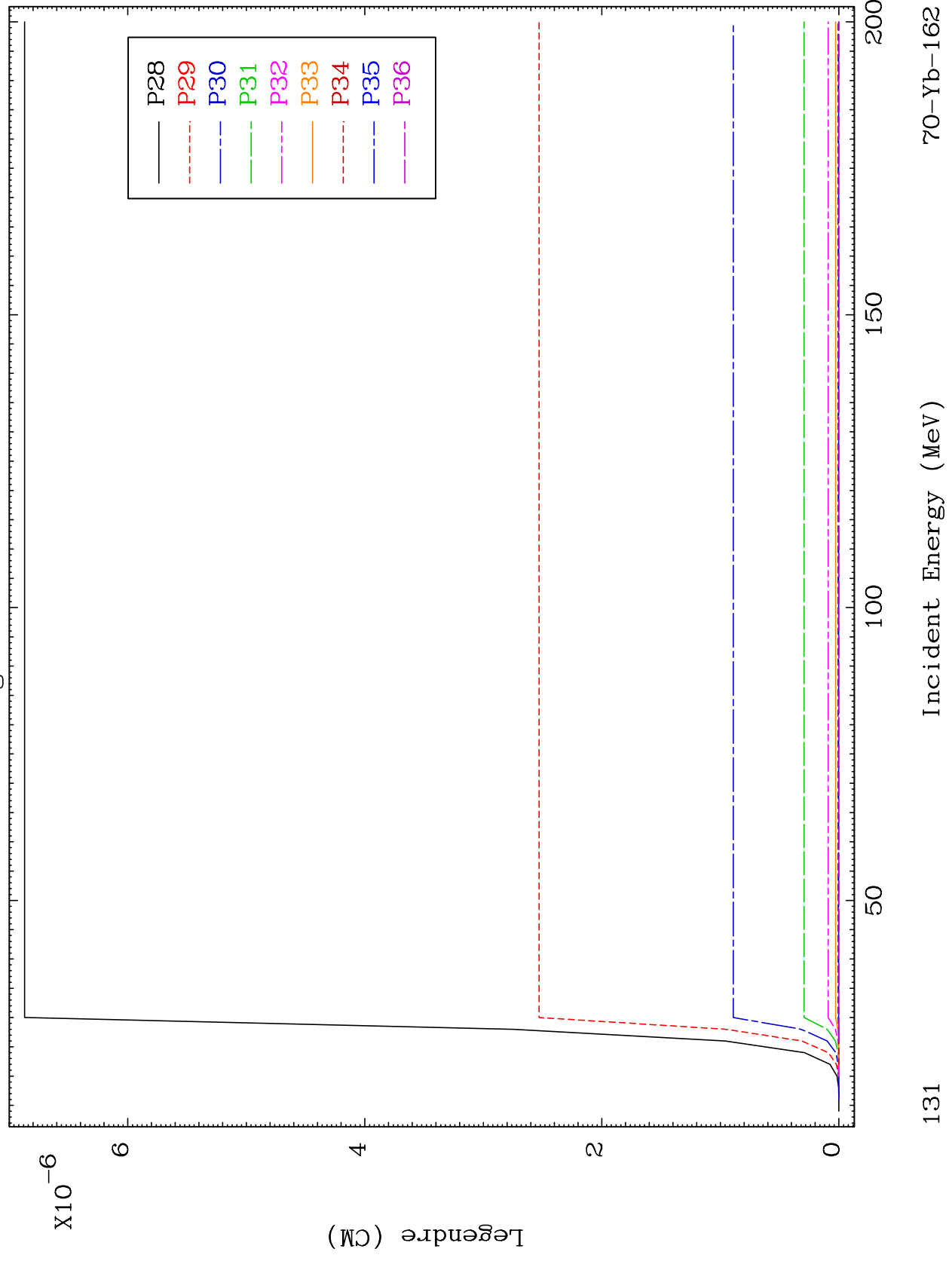
Incident Energy (MeV)

70-Yb-162

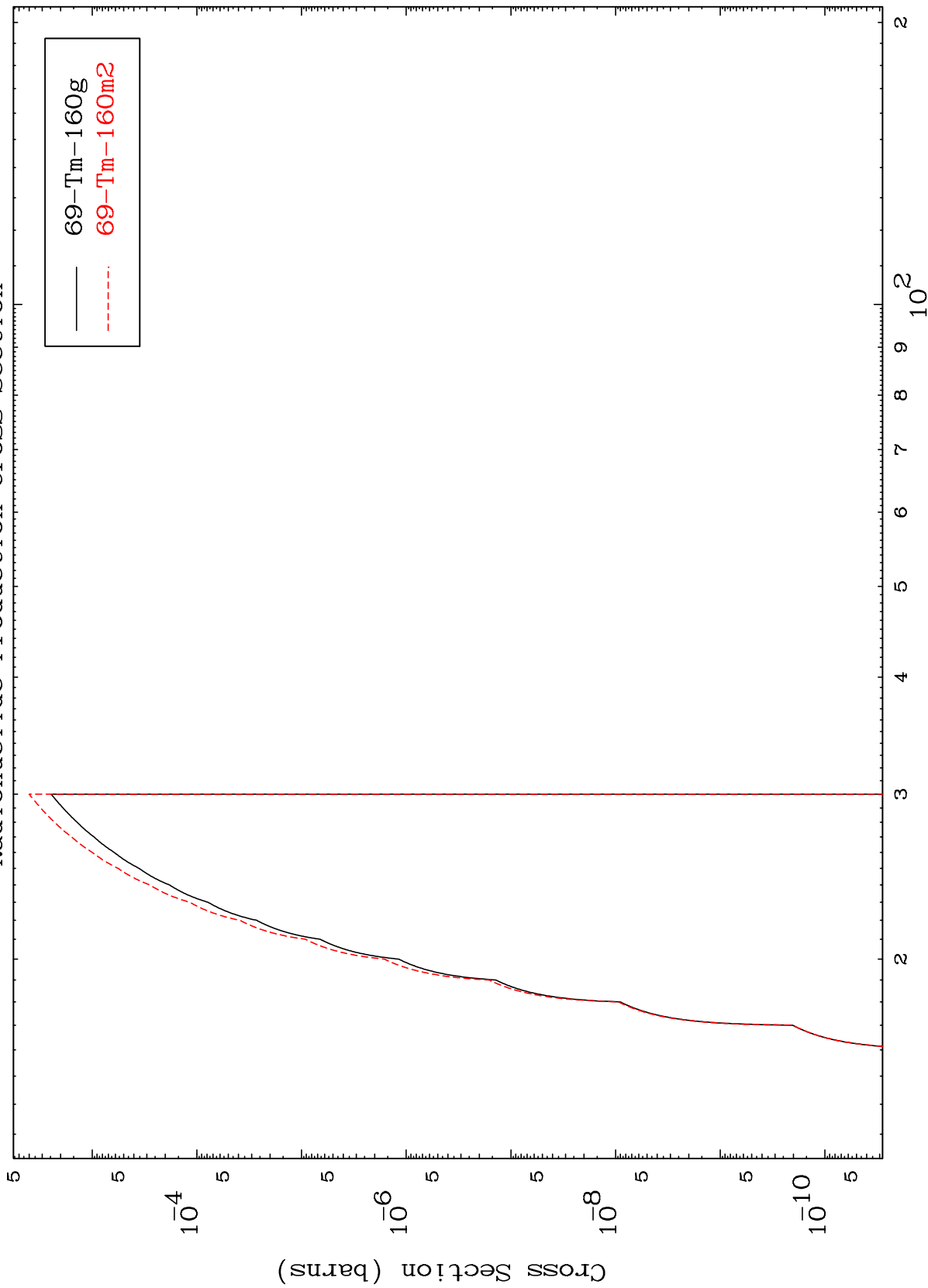
MAT 7007

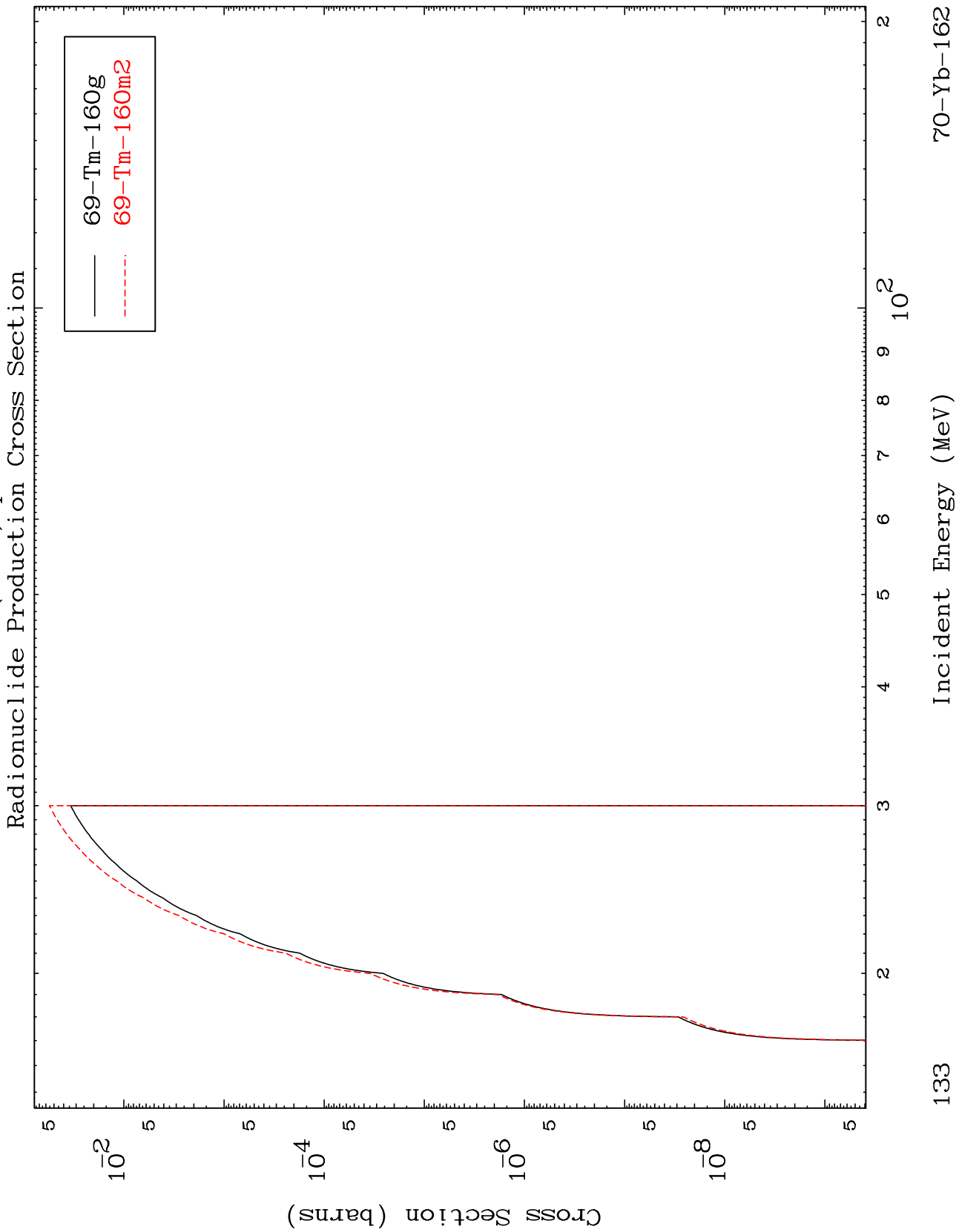
MT= 80 (n,n') Level
Legendre Coefficients

70-Yb-162



Radionuclide Production Cross Section

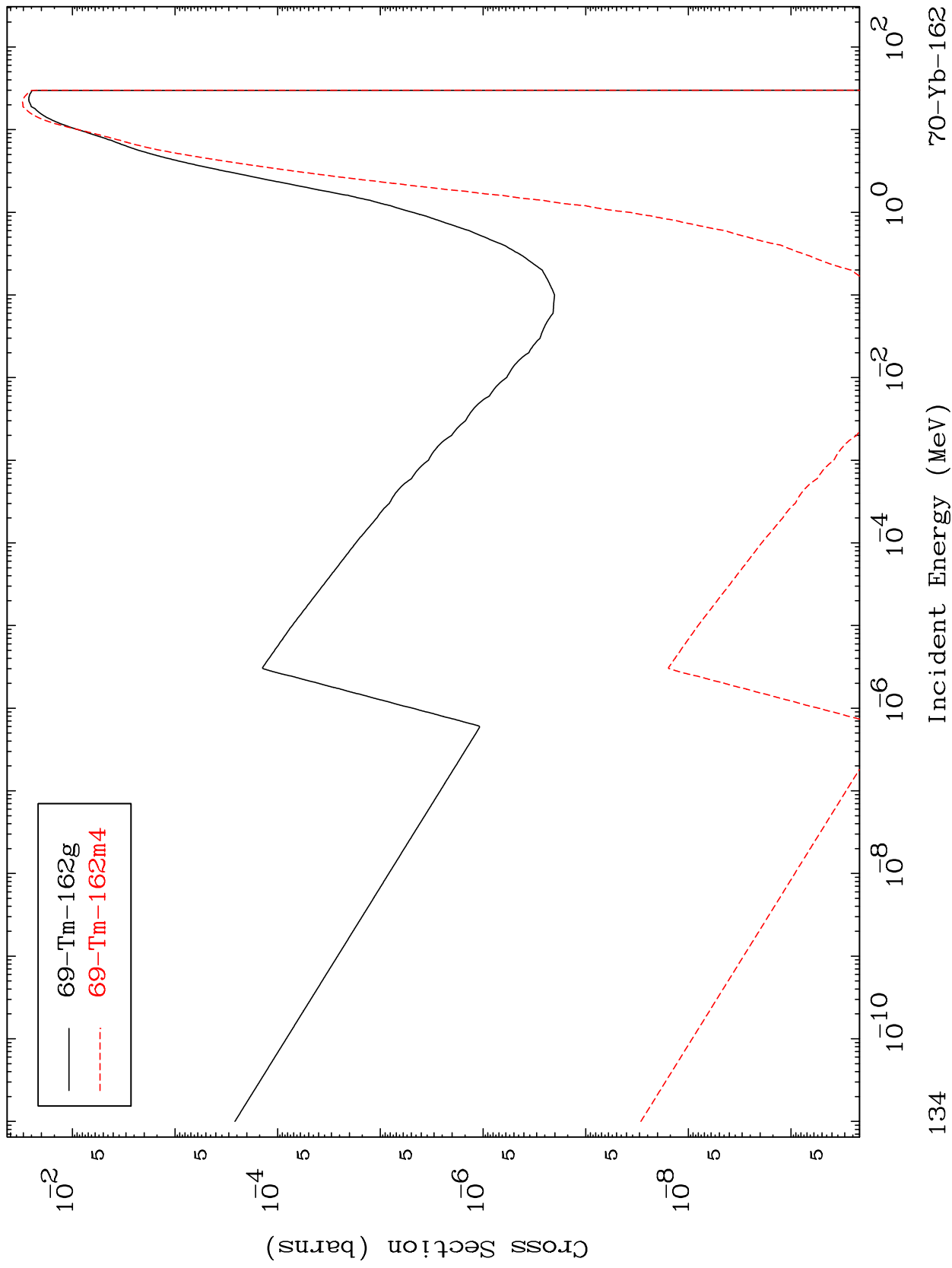




MAT 7007

70-Yb-162

(n,p)
Radionuclide Production Cross Section

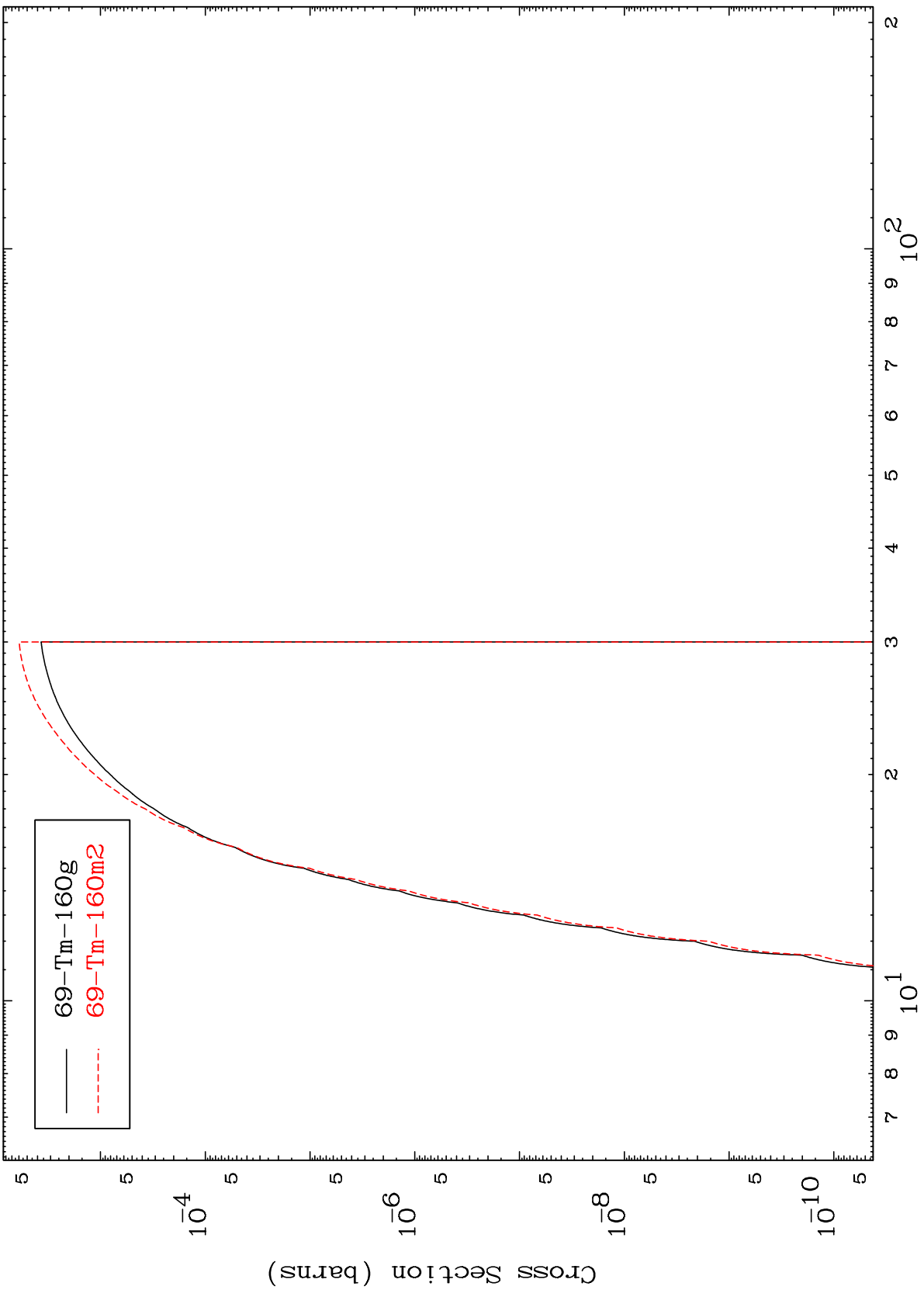


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MAT 7007

70-Yb-162

(n, t)
Radionuclide Production Cross Section



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Incident Energy (MeV)

70-Yb-162

MAT 7007

(n,p) α

70-Yb-162

Radionuclide Production Cross Section

