

Program EVALPLOT
(Version 2021-1)

by

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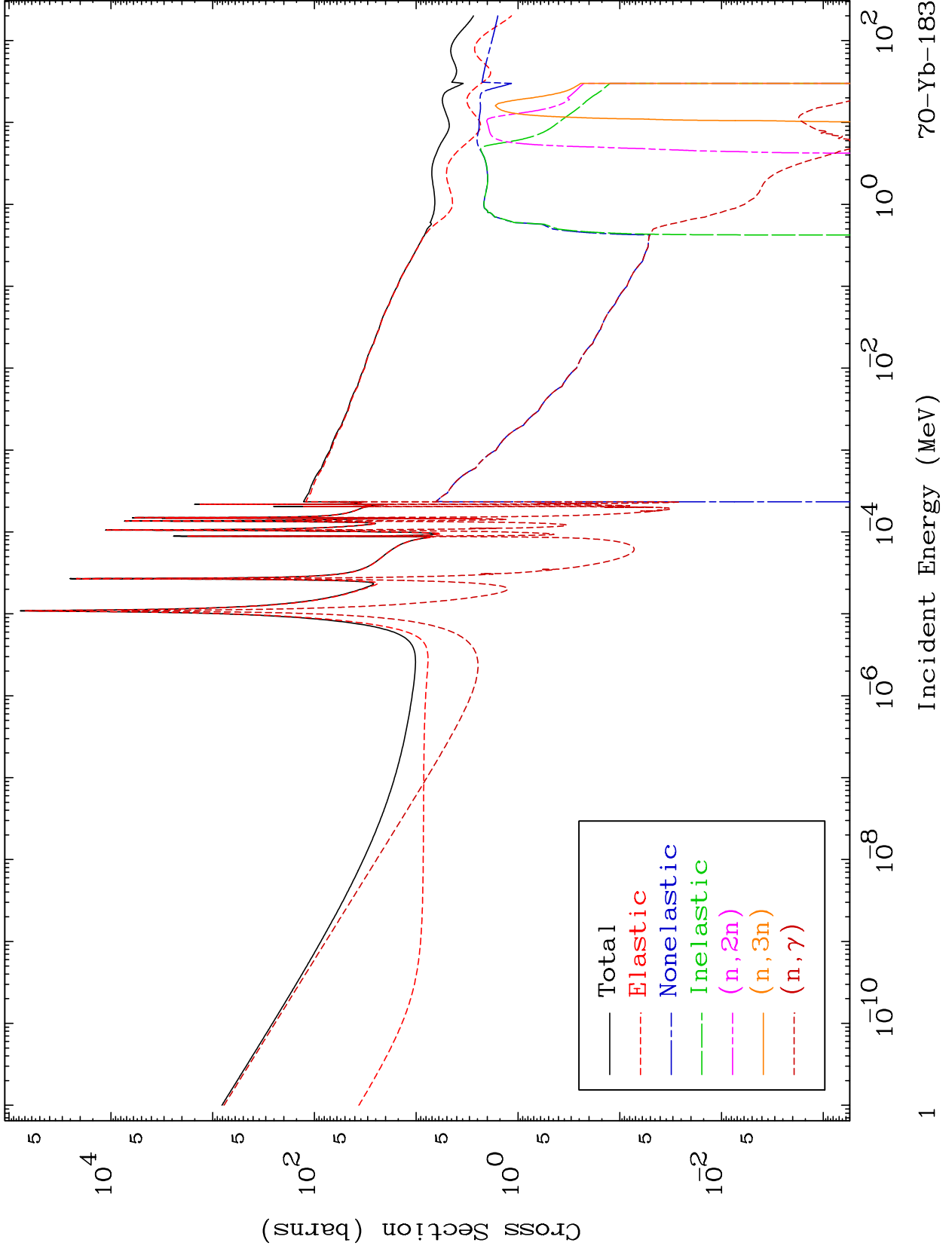
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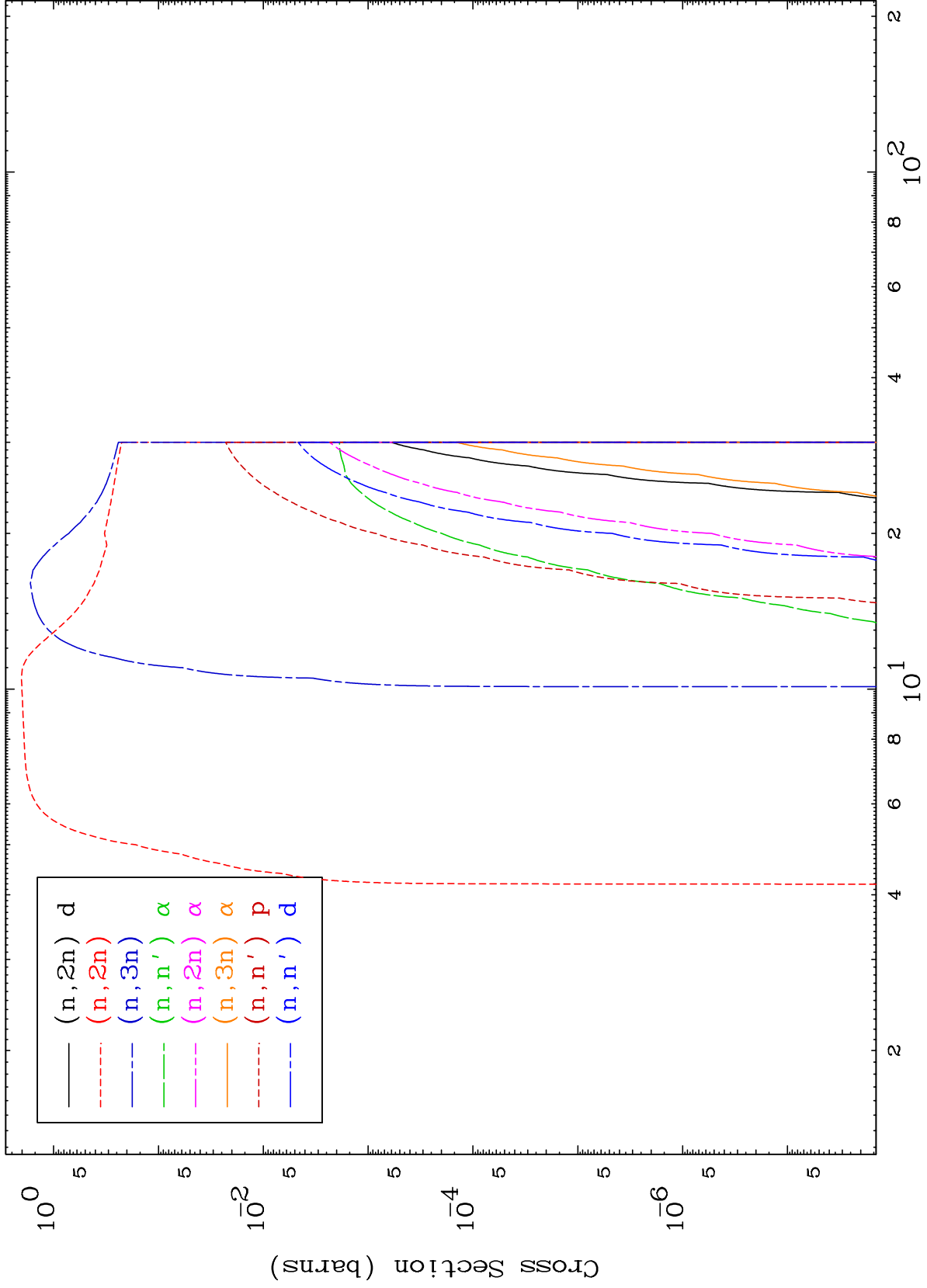
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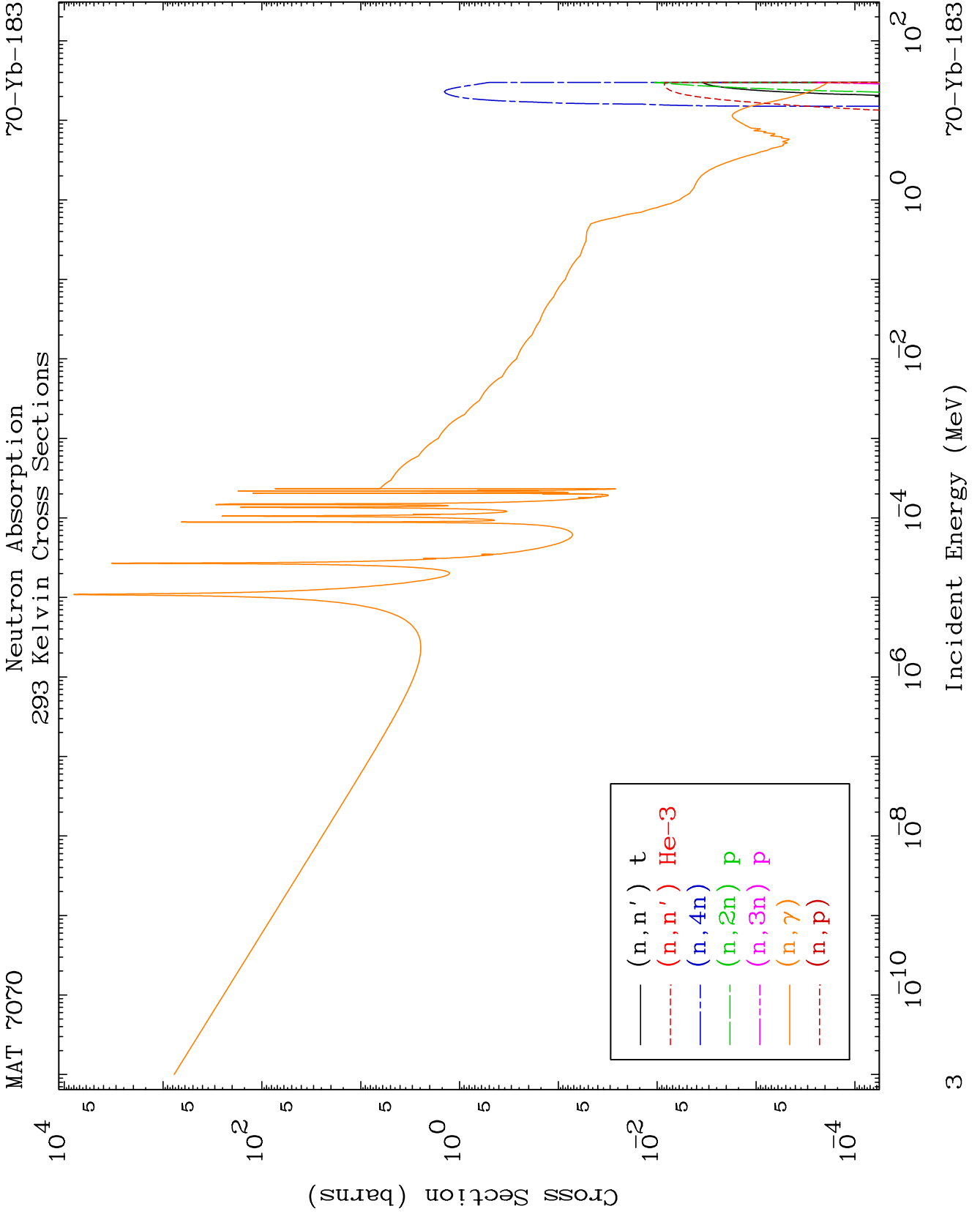
MAT 7070

Neutron Major
293 Kelvin Cross Sections

70-Yb-183



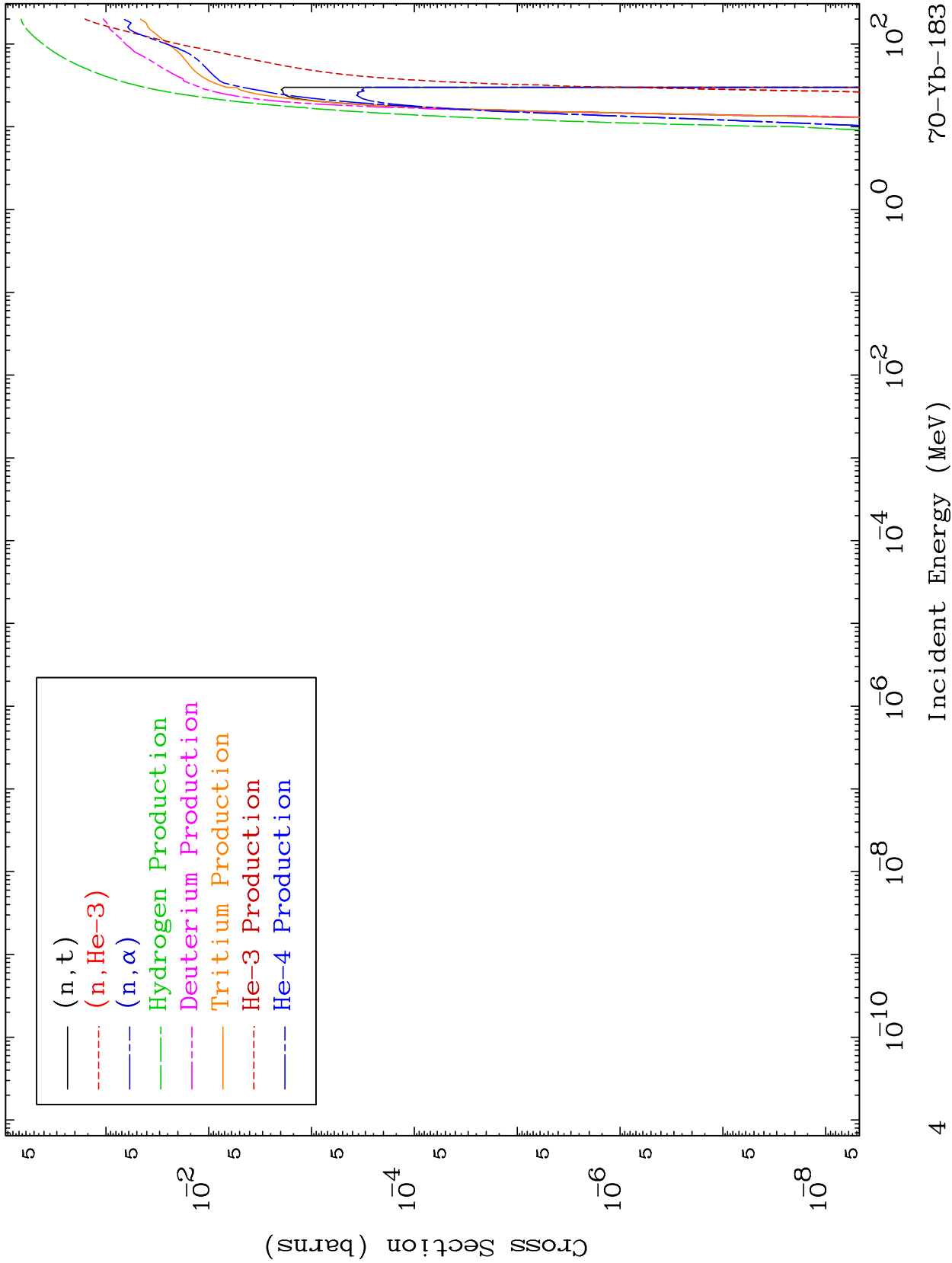


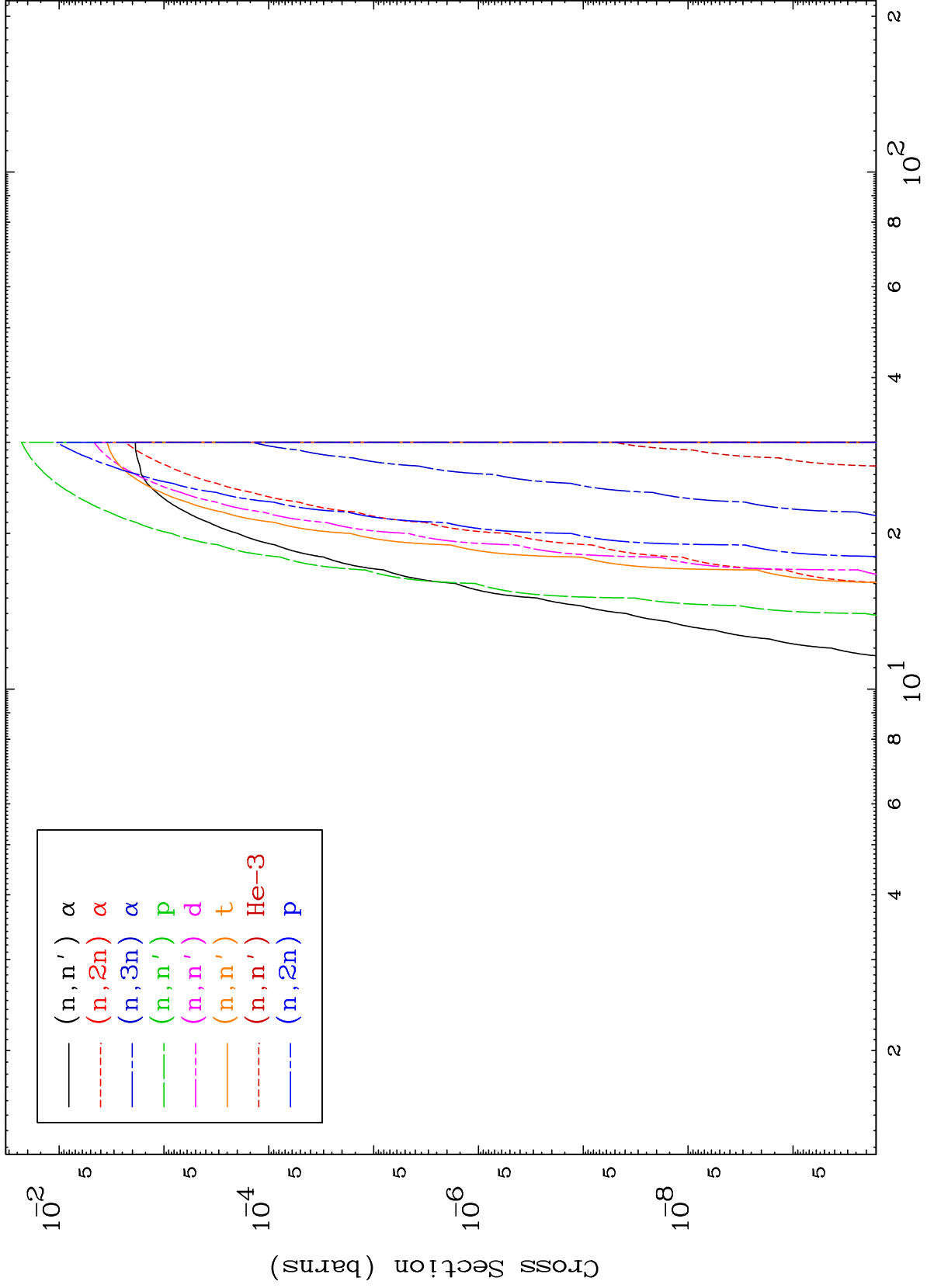


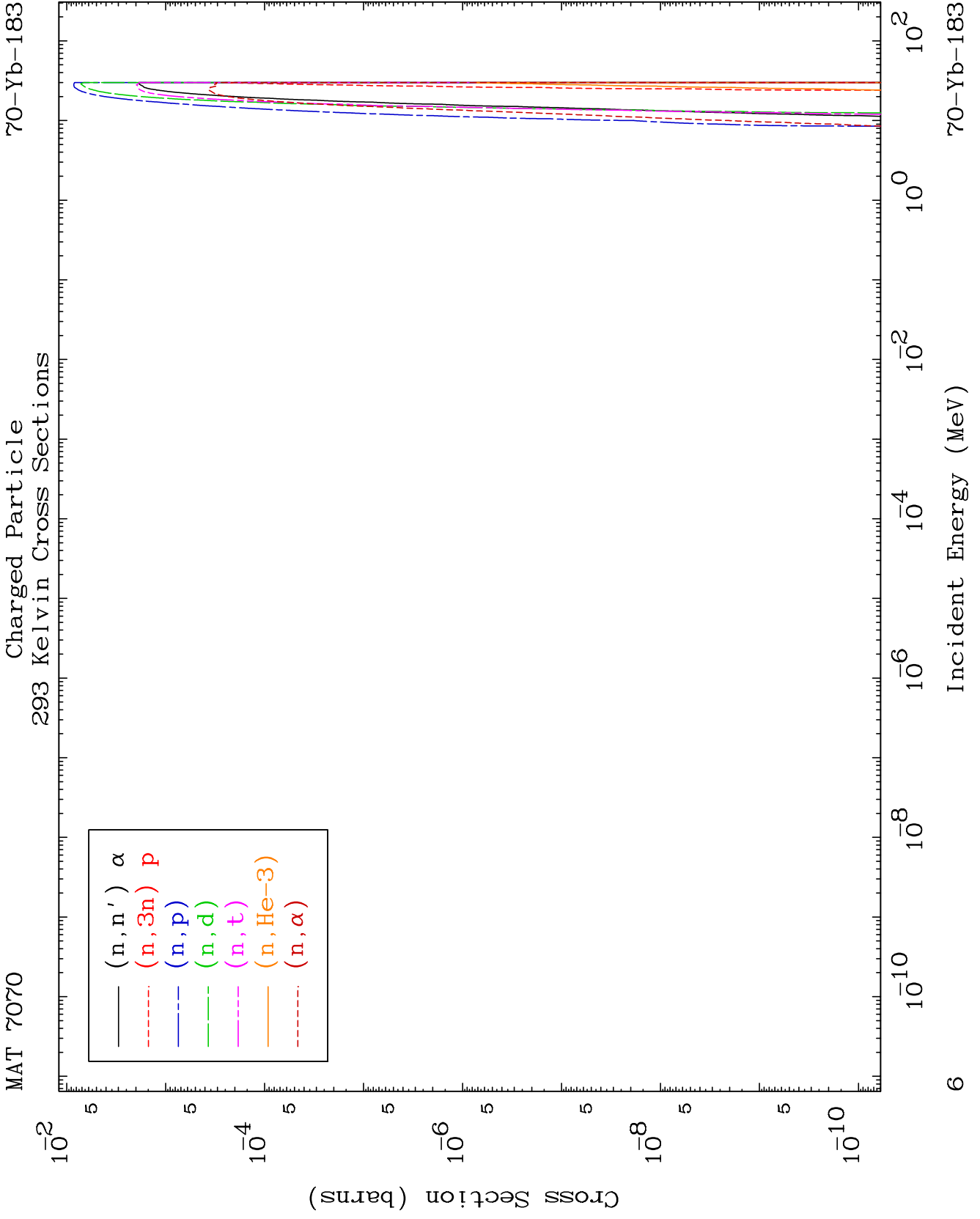
MAT 7070

Neutron Absorption
293 Kelvin Cross Sections

70-Yb-183



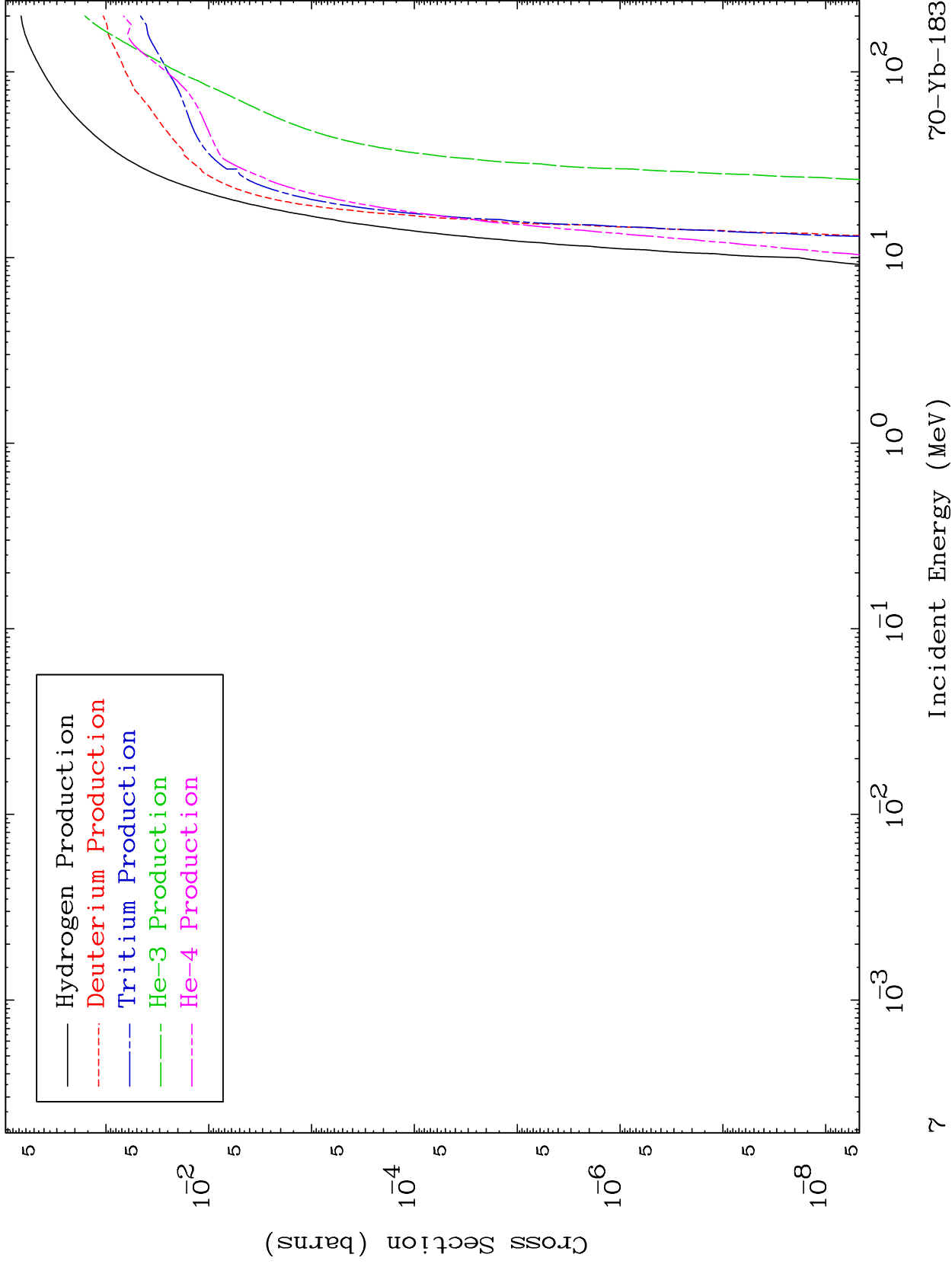




MAT 7070

Particle Production
293 Kelvin Cross Sections

70-Yb-183

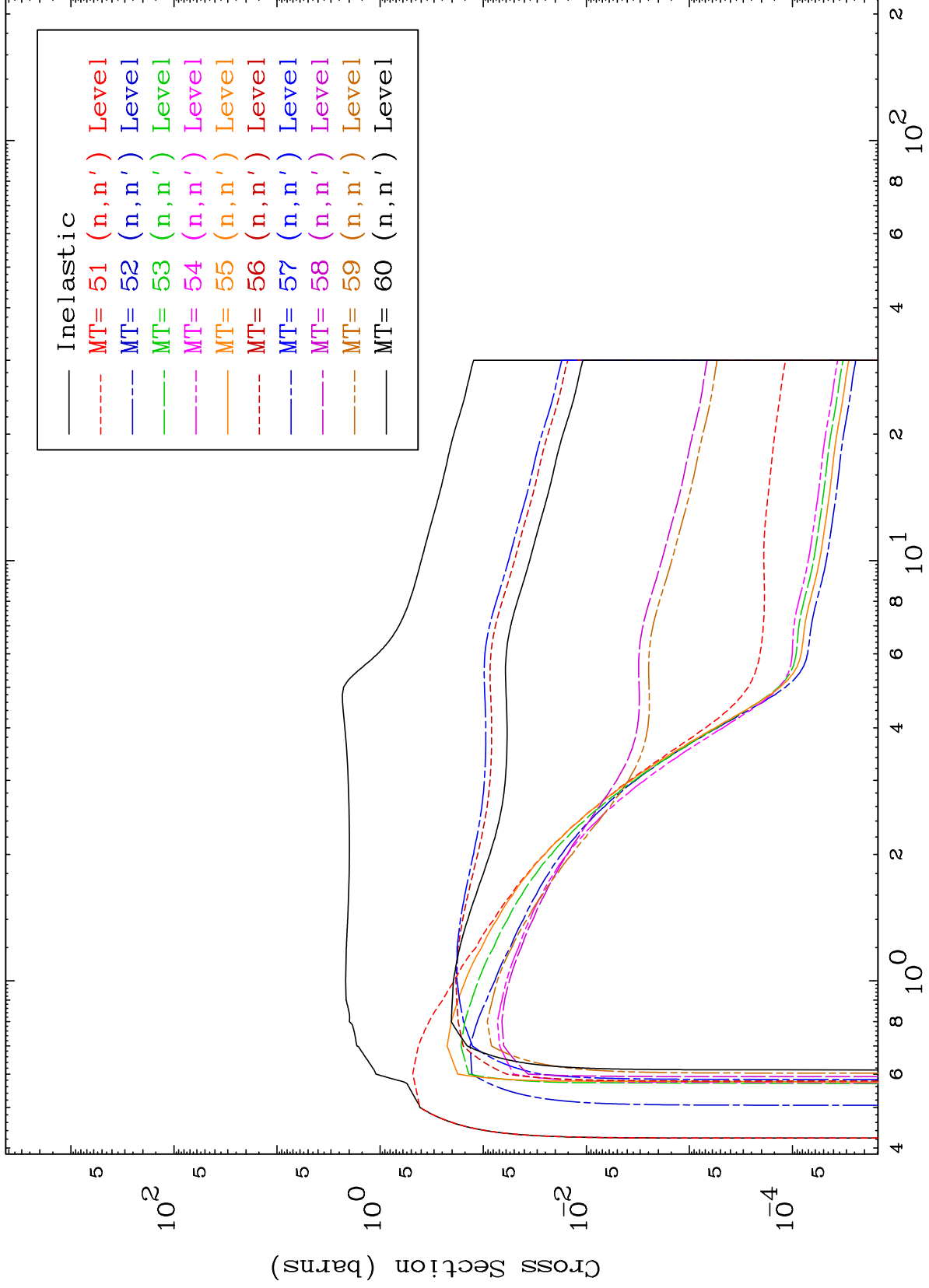


MAT 7070

(n,n') Levels

70-Yb-183

293 Kelvin Cross Sections



8

Incident Energy (MeV)

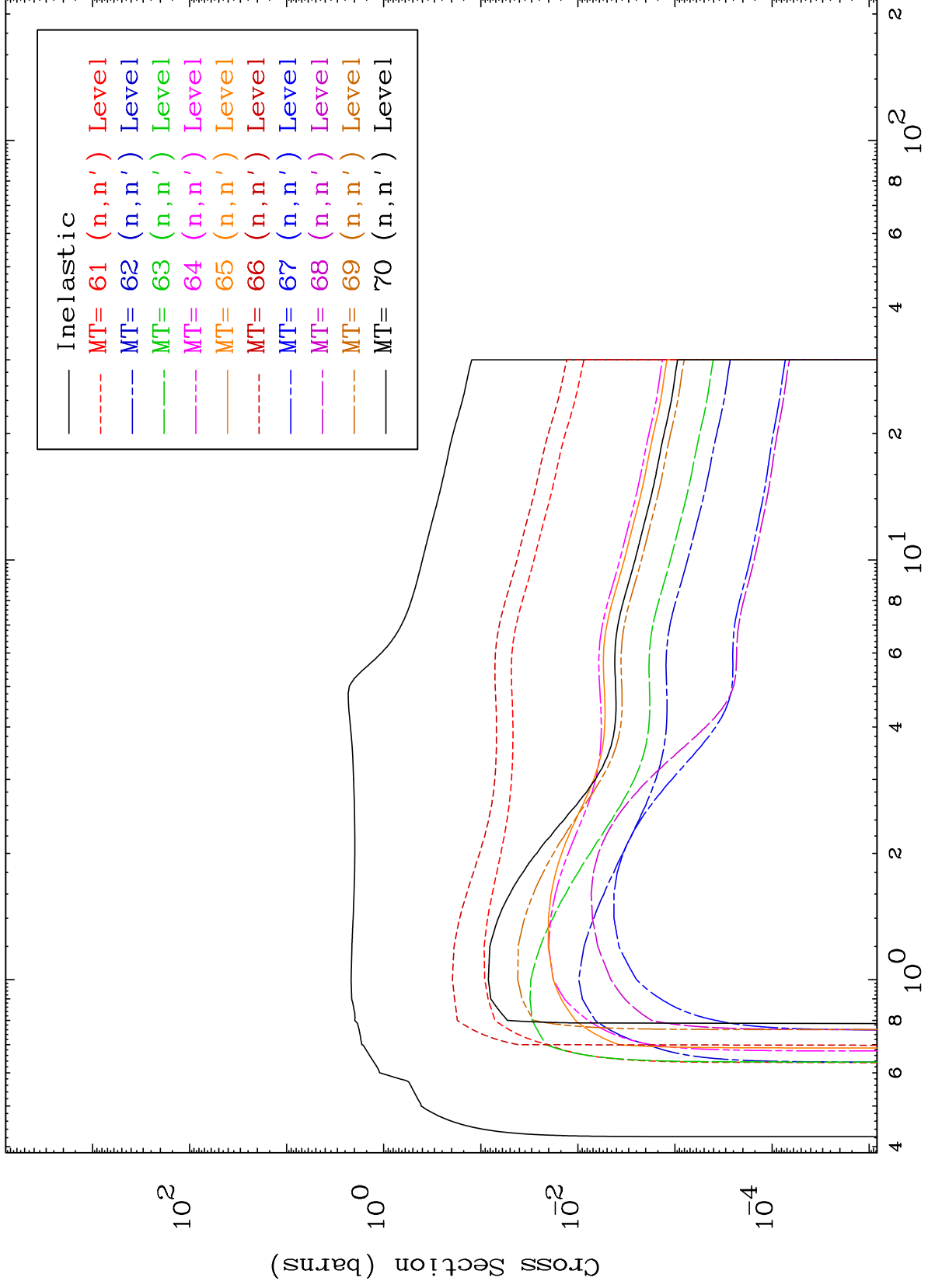
70-Yb-183

MAT 7070

(n,n') Levels

70-Yb-183

293 Kelvin Cross Sections



9

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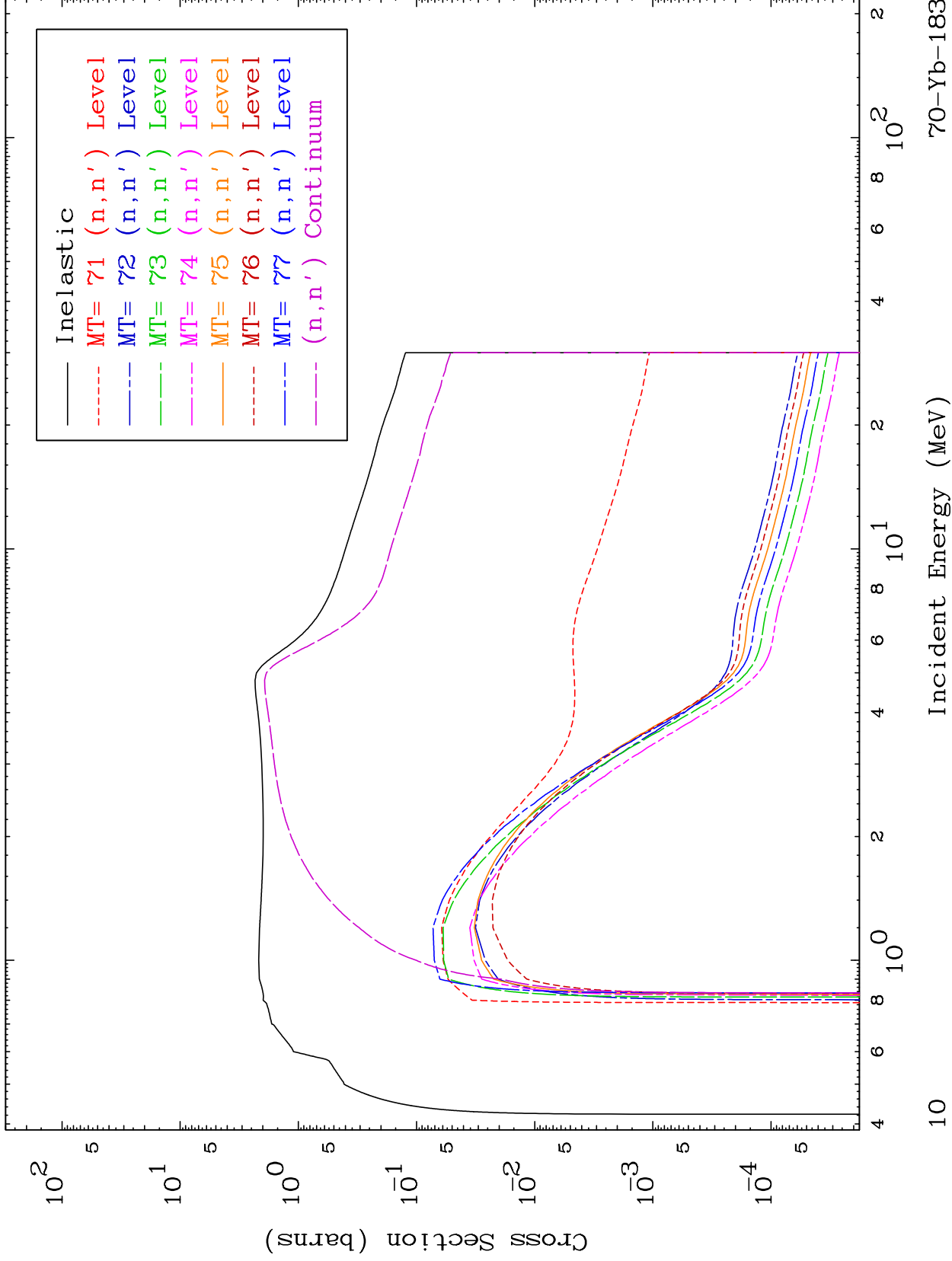
70-Yb-183

MAT 7070

(n,n') Levels

70-Yb-183

293 Kelvin Cross Sections



10

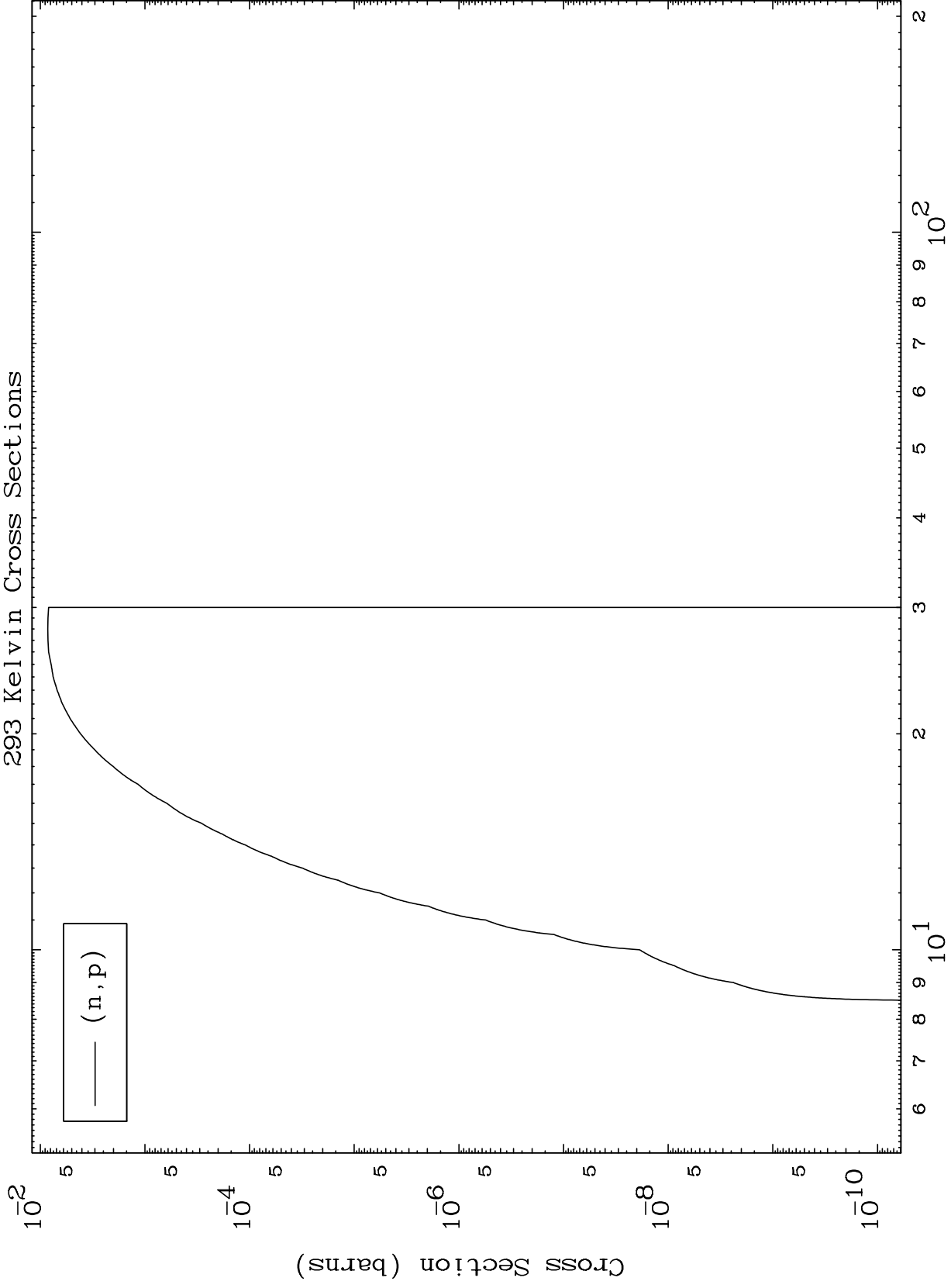
Incident Energy (MeV)

70-Yb-183

MAT 7070

(n,p) Levels
293 Kelvin Cross Sections

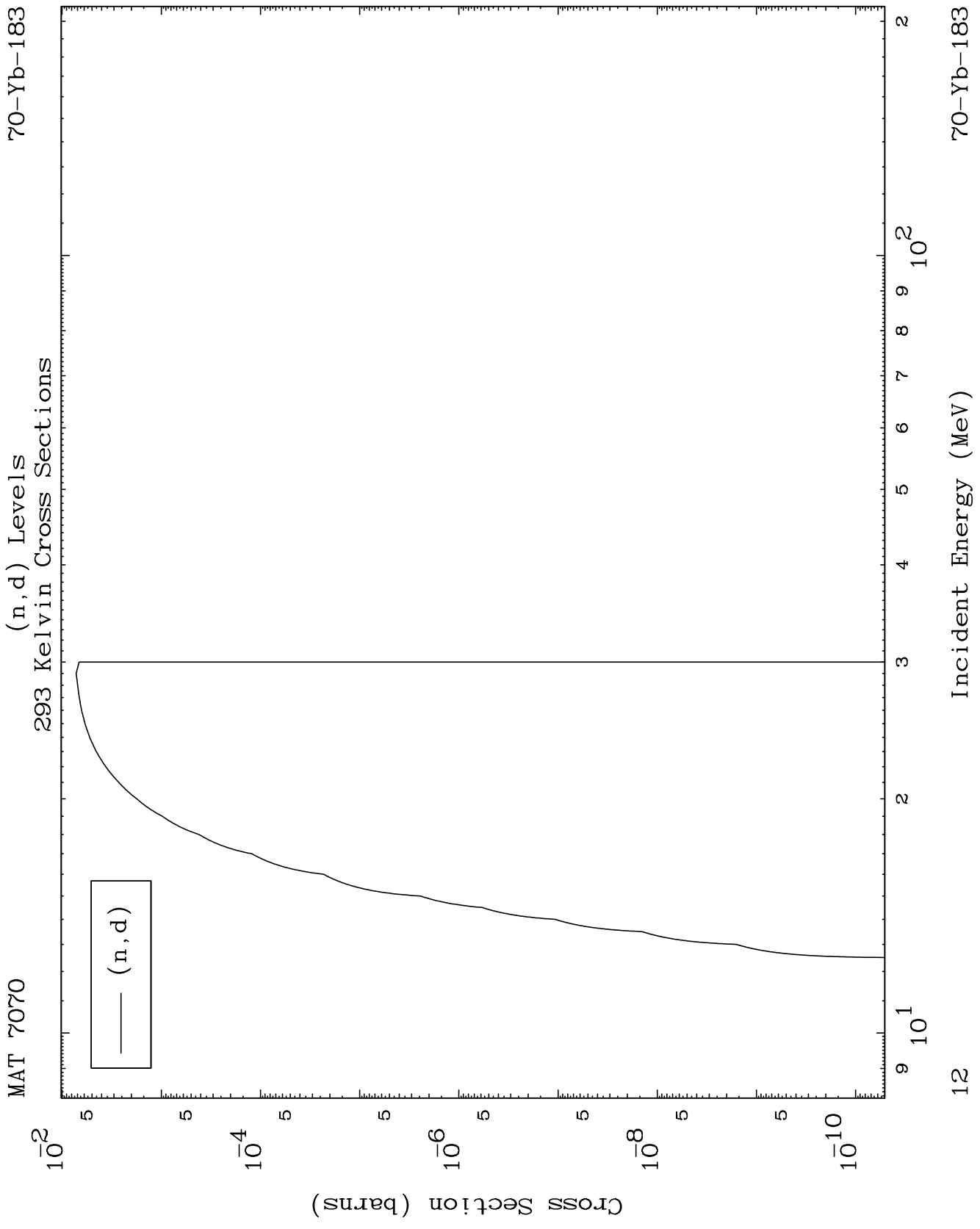
70-Yb-183



11

Incident Energy (MeV)

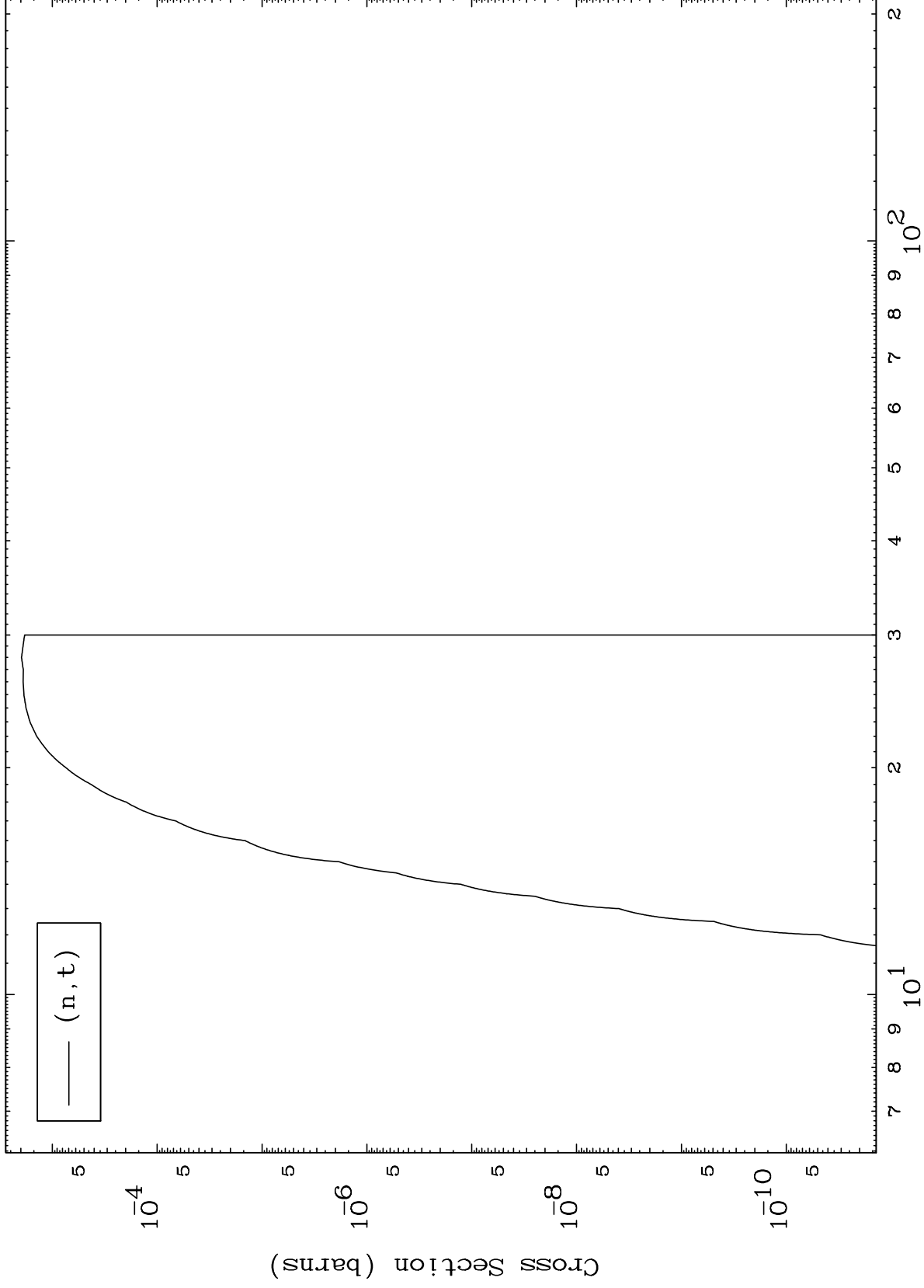
70-Yb-183



MAT 7070

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-183



13

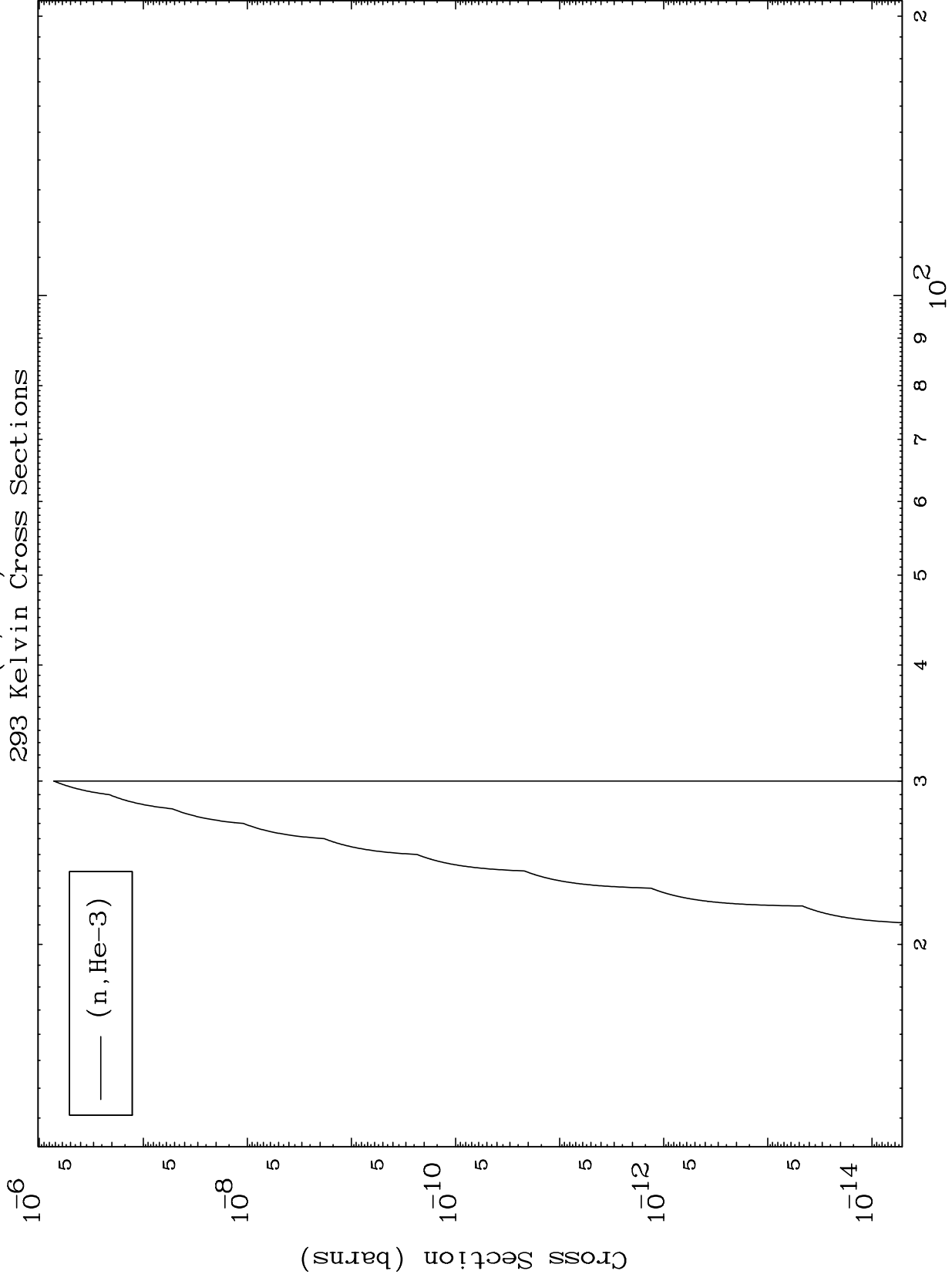
Incident Energy (MeV)

70-Yb-183

MAT 7070

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-183



14

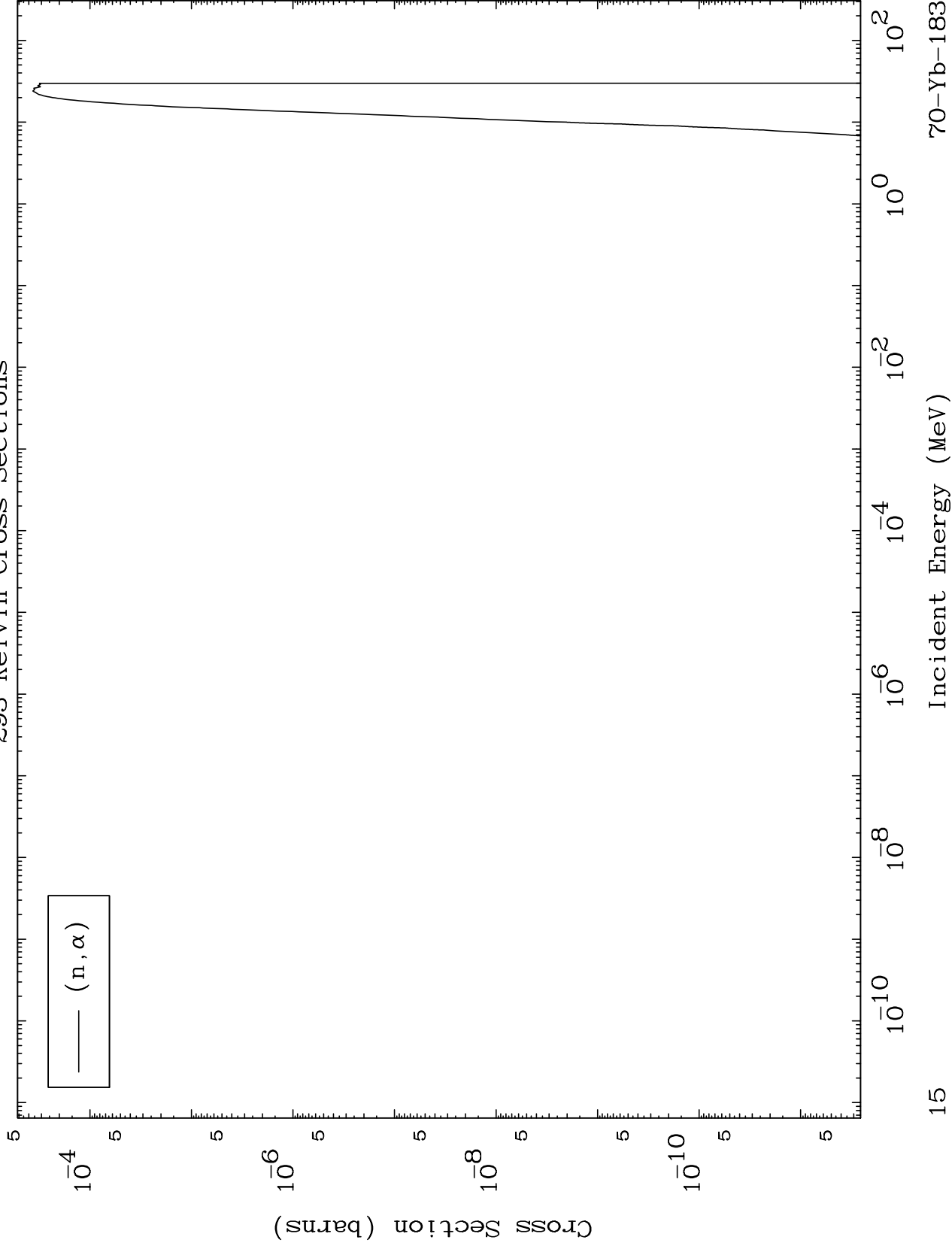
Incident Energy (MeV)

70-Yb-183

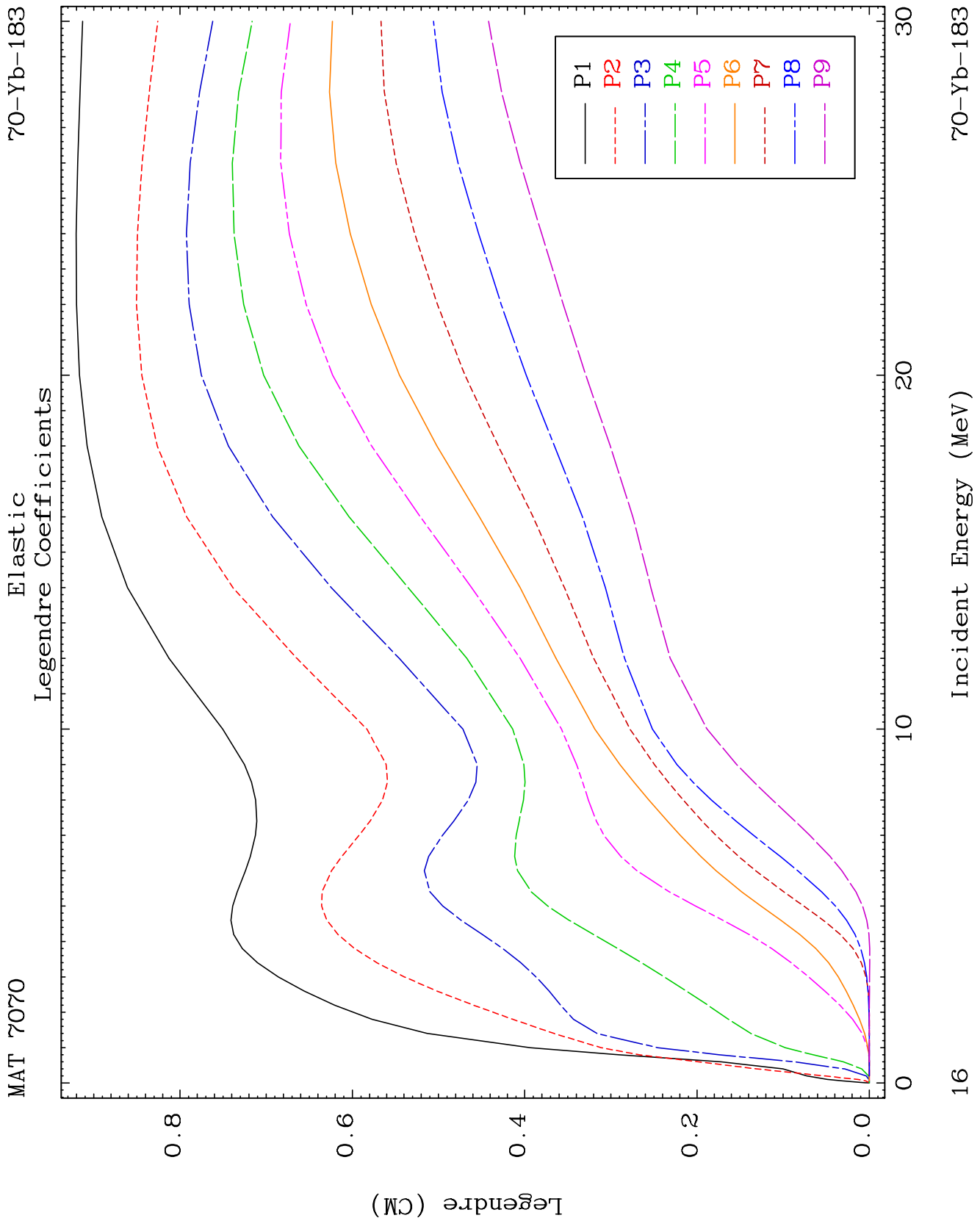
MAT 7070

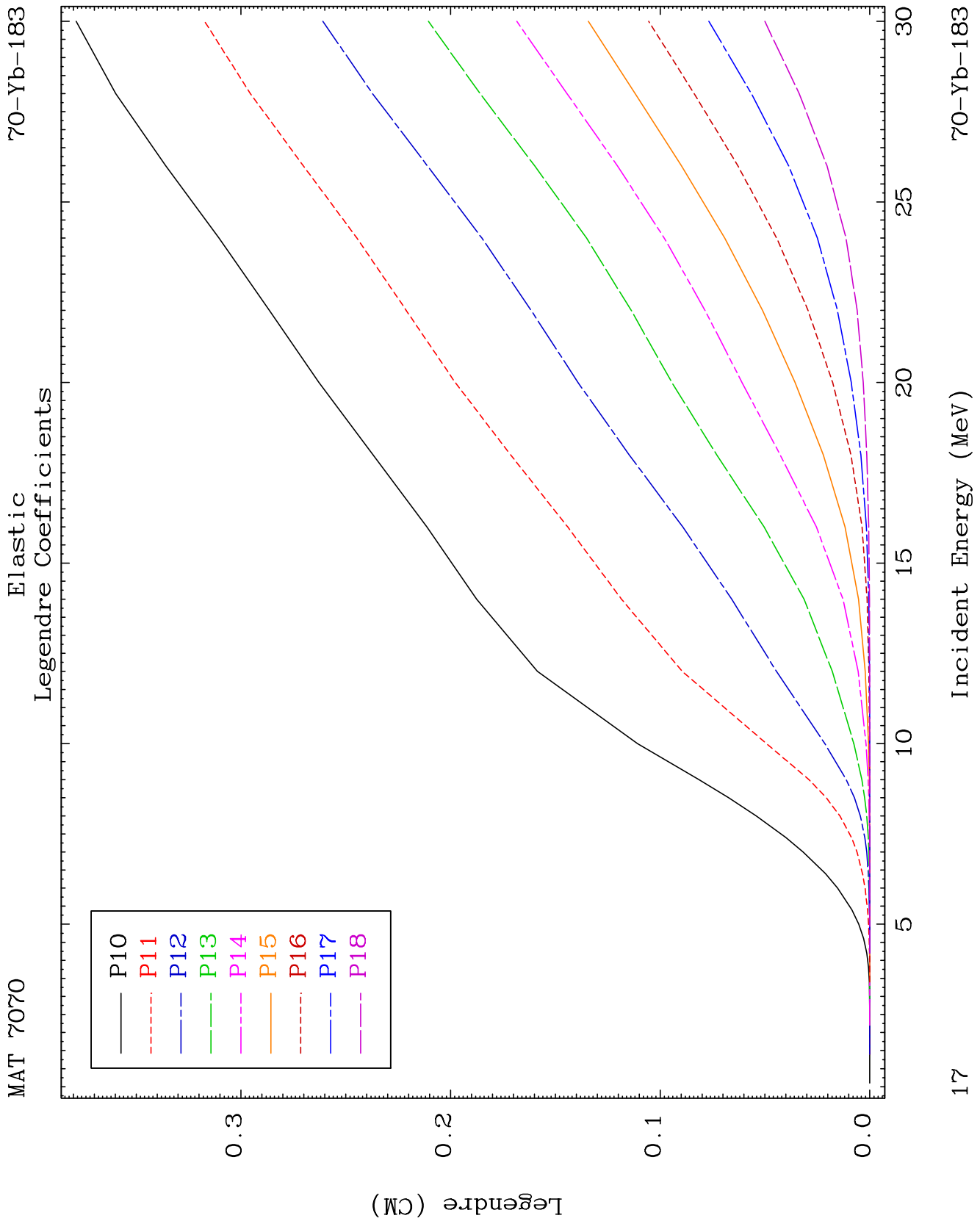
(n, α) Levels
293 Kelvin Cross Sections

70-Yb-183



15

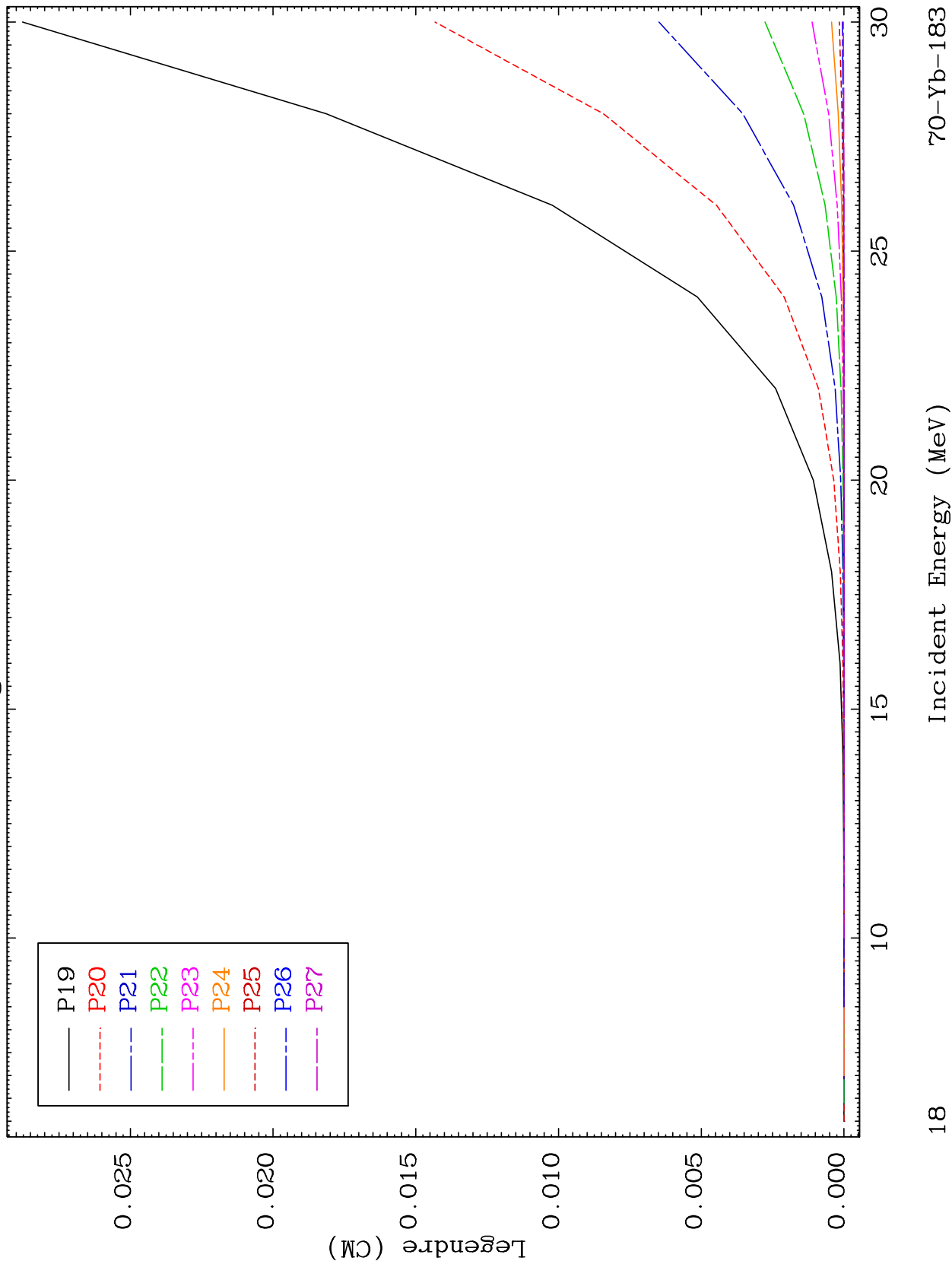




MAT 7070

Elastic
Legendre Coefficients

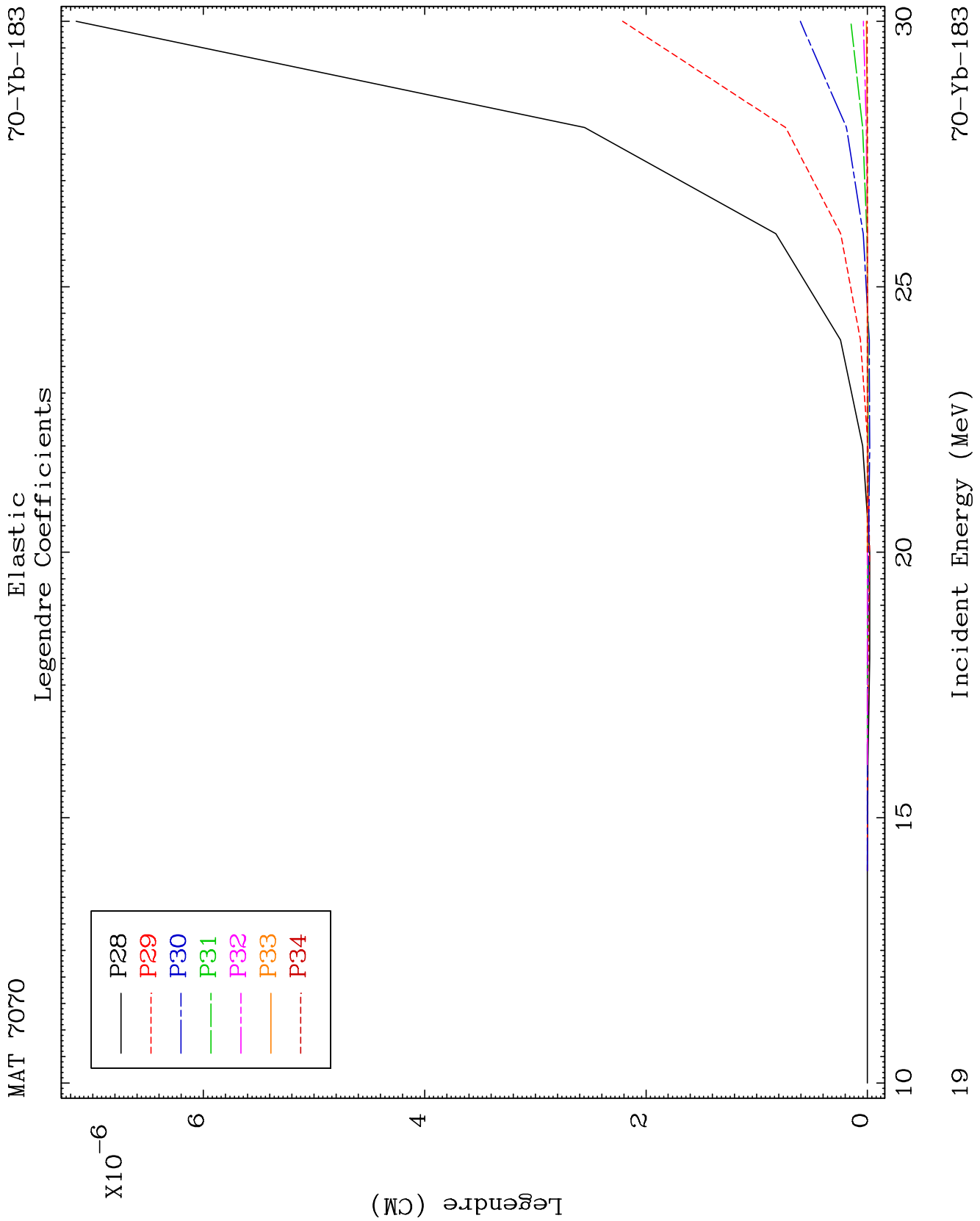
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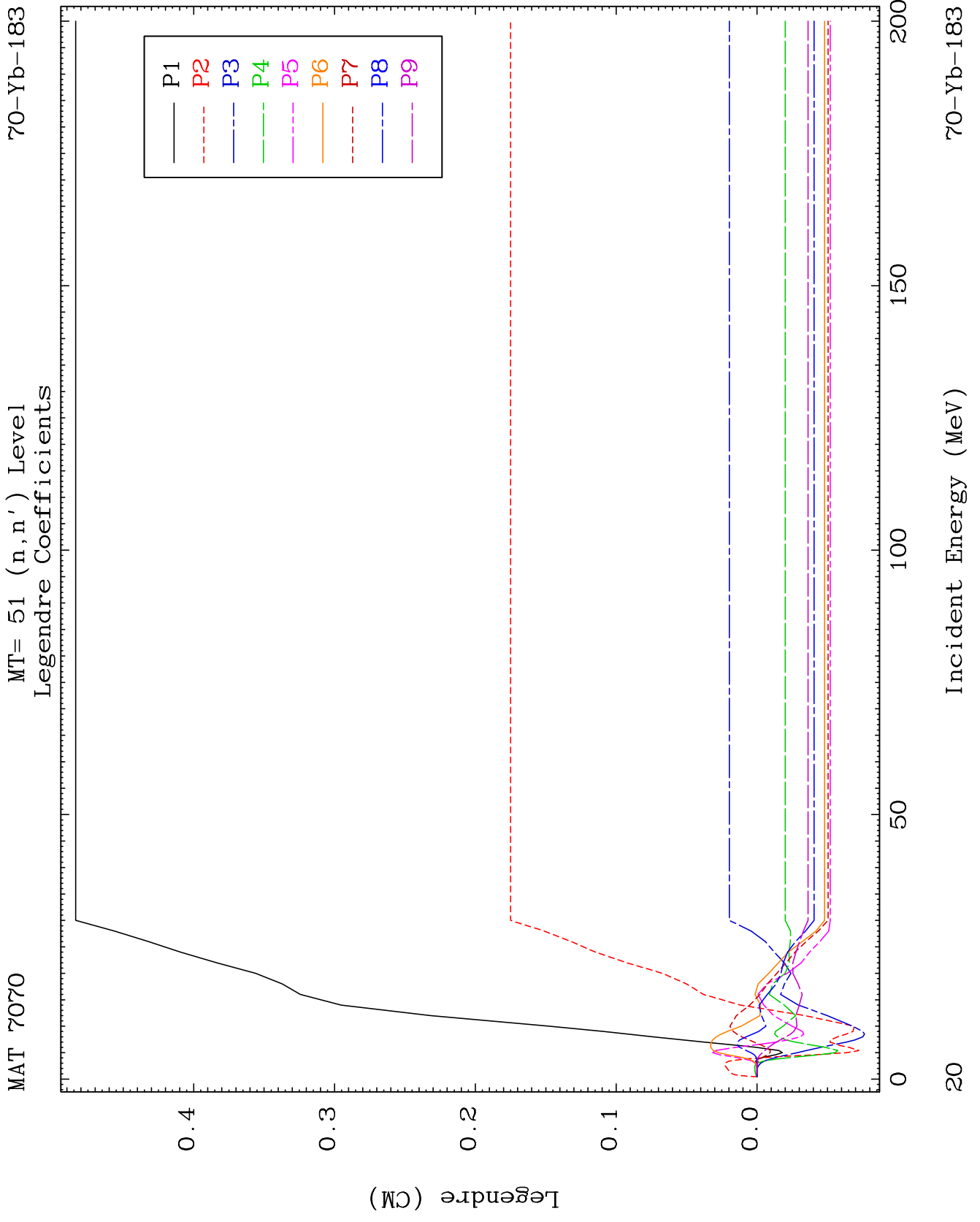


18

Incident Energy (MeV)

70-Yb-183

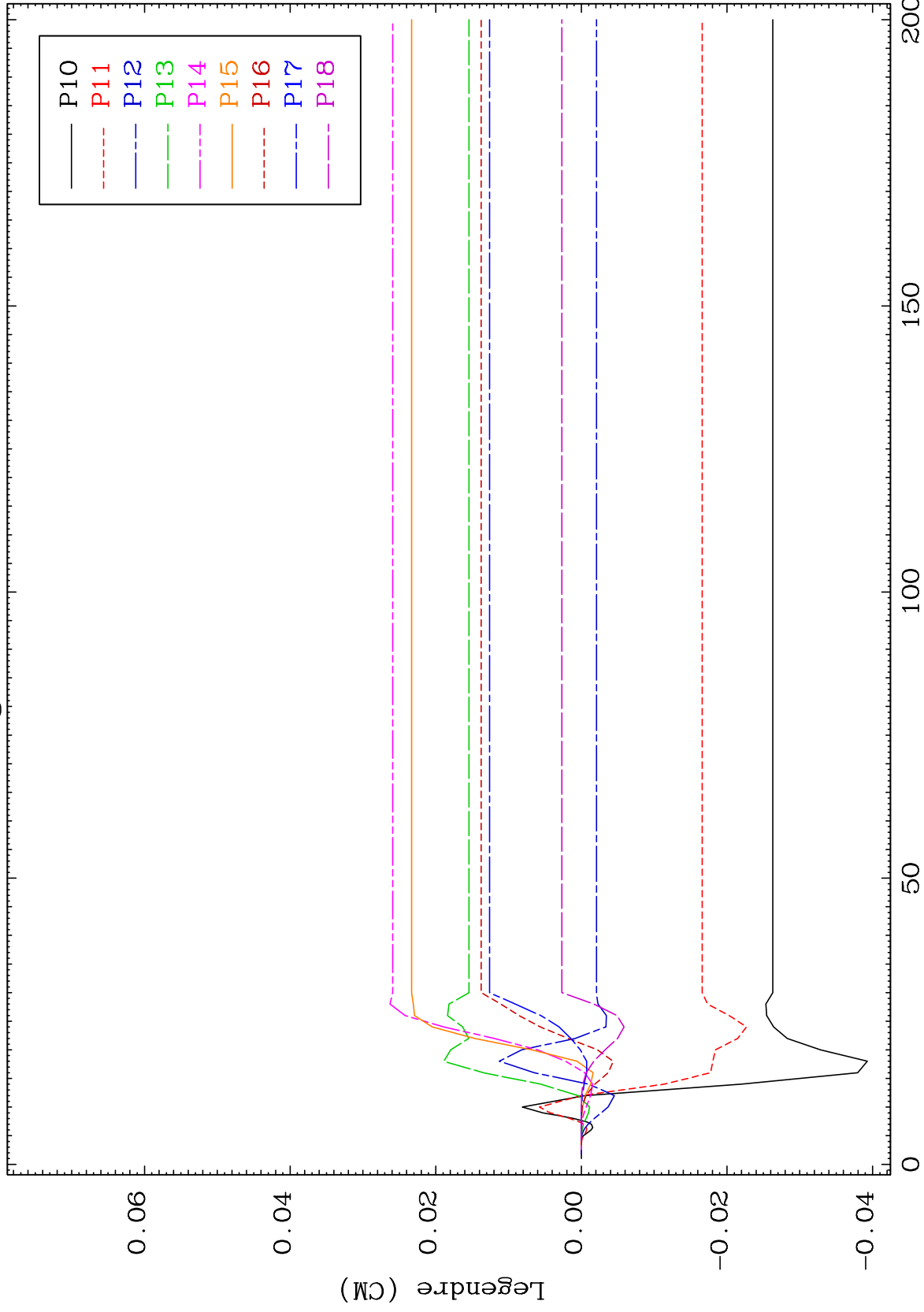




MAT 7070

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

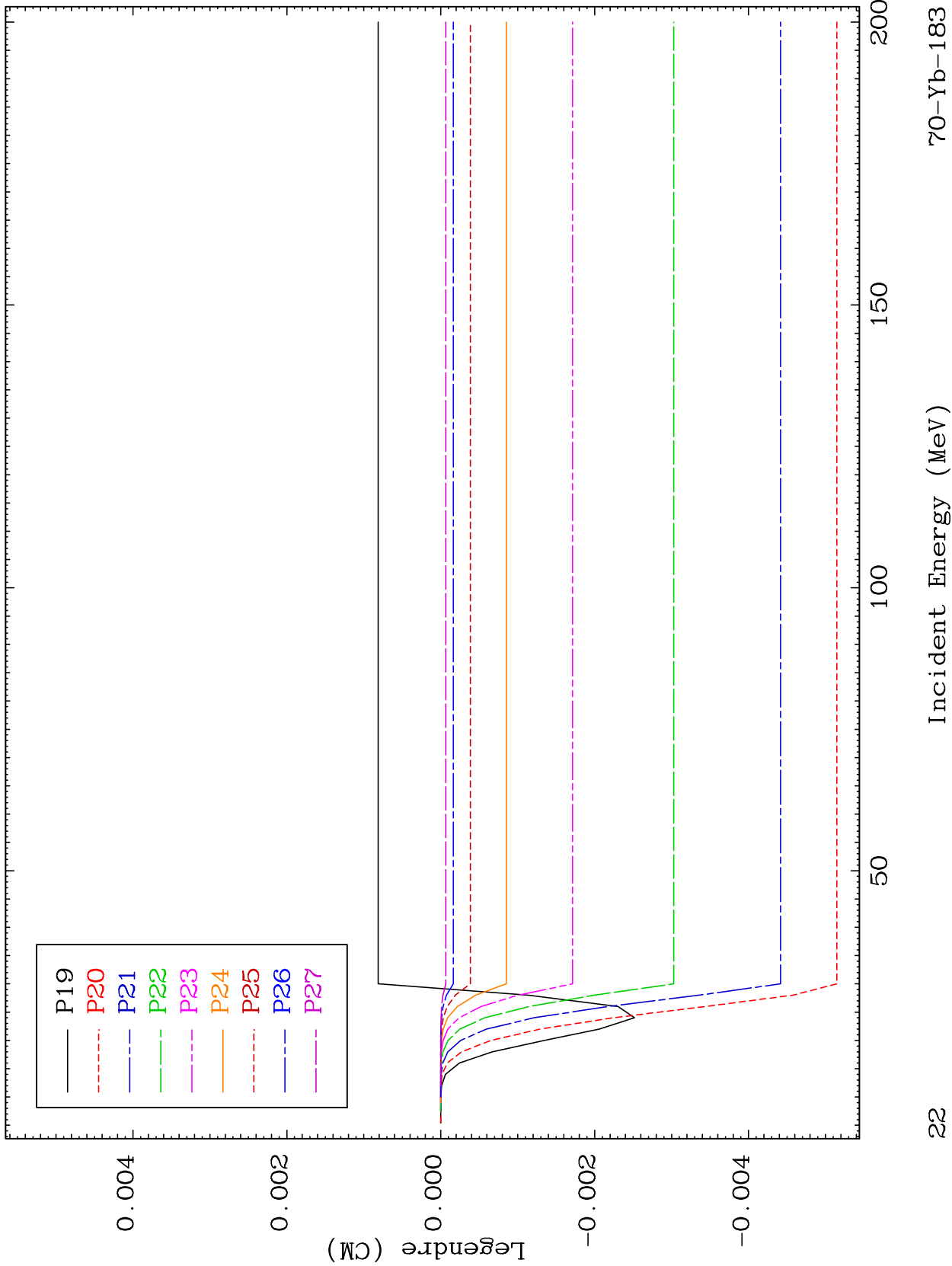
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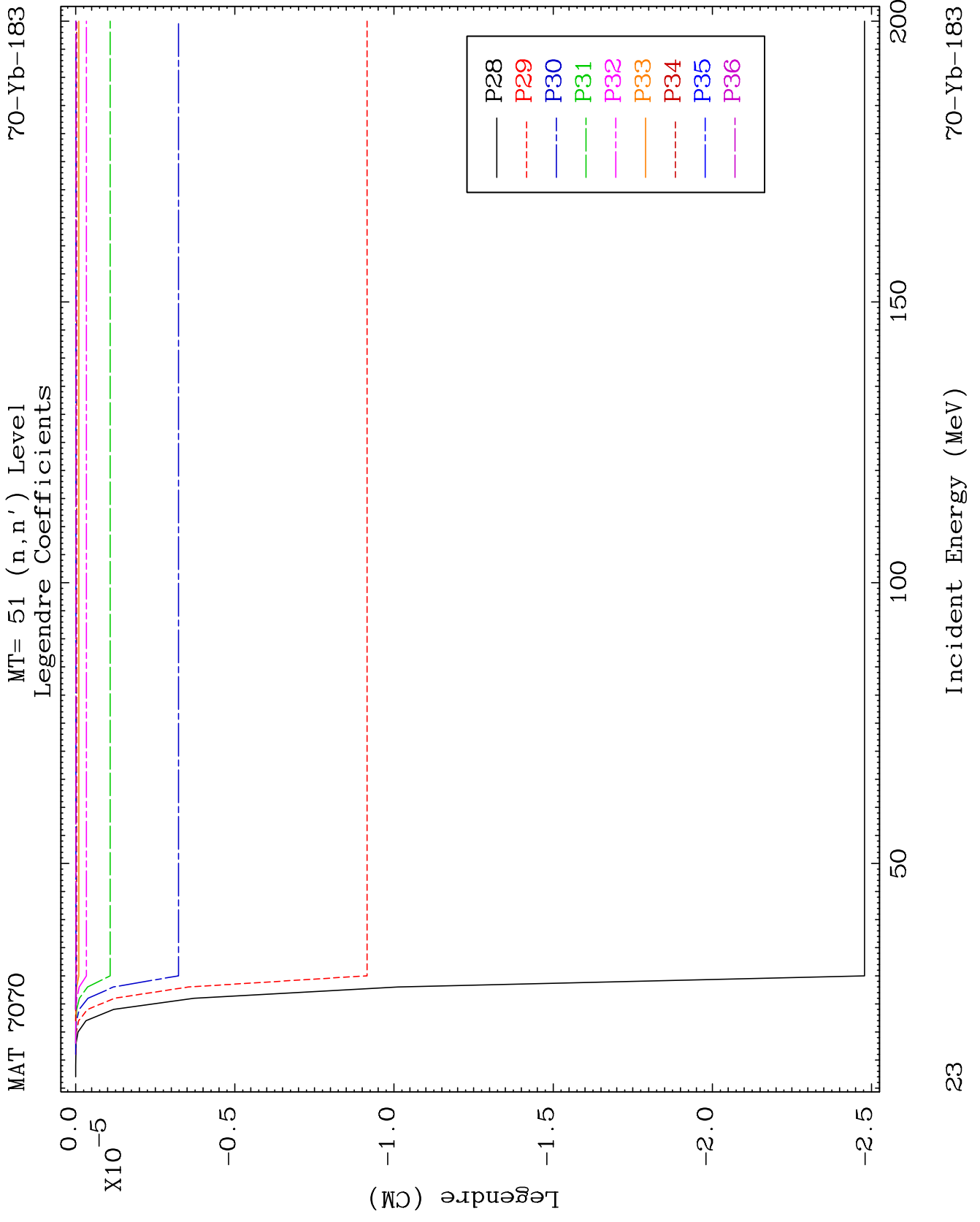


21

Incident Energy (MeV)

70-Yb-183

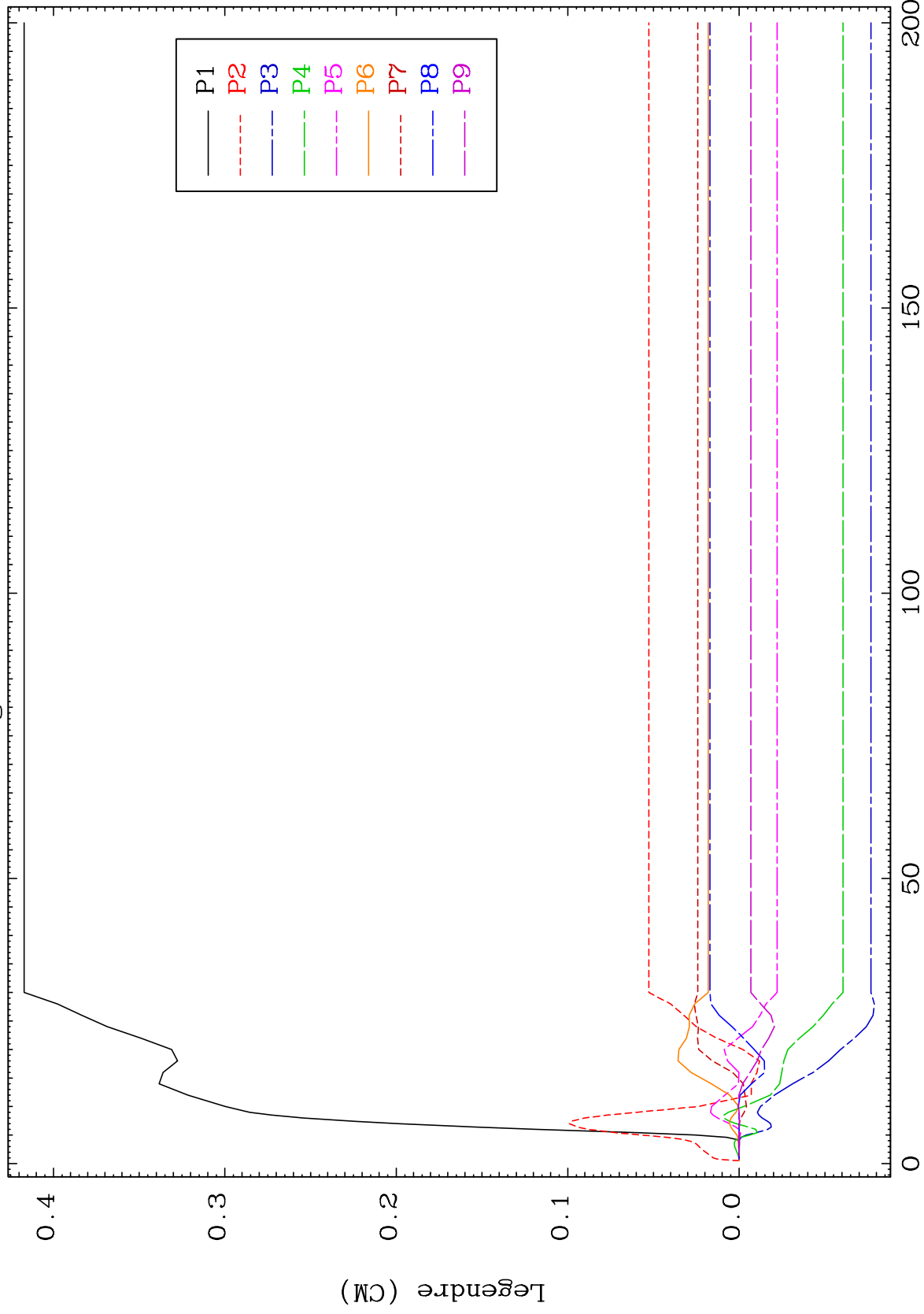




MAT 7070

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

70-Yb-183



24

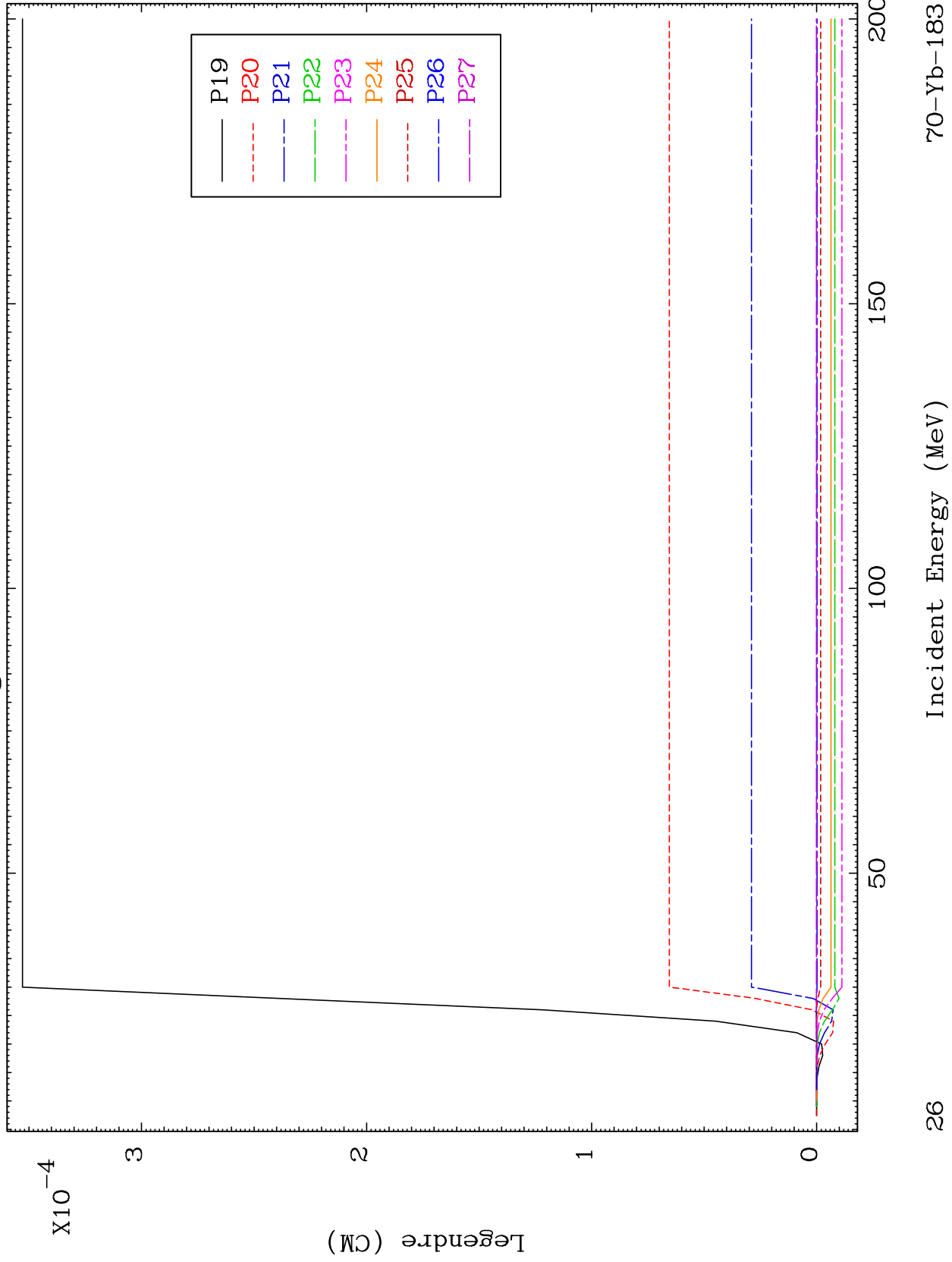
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



26

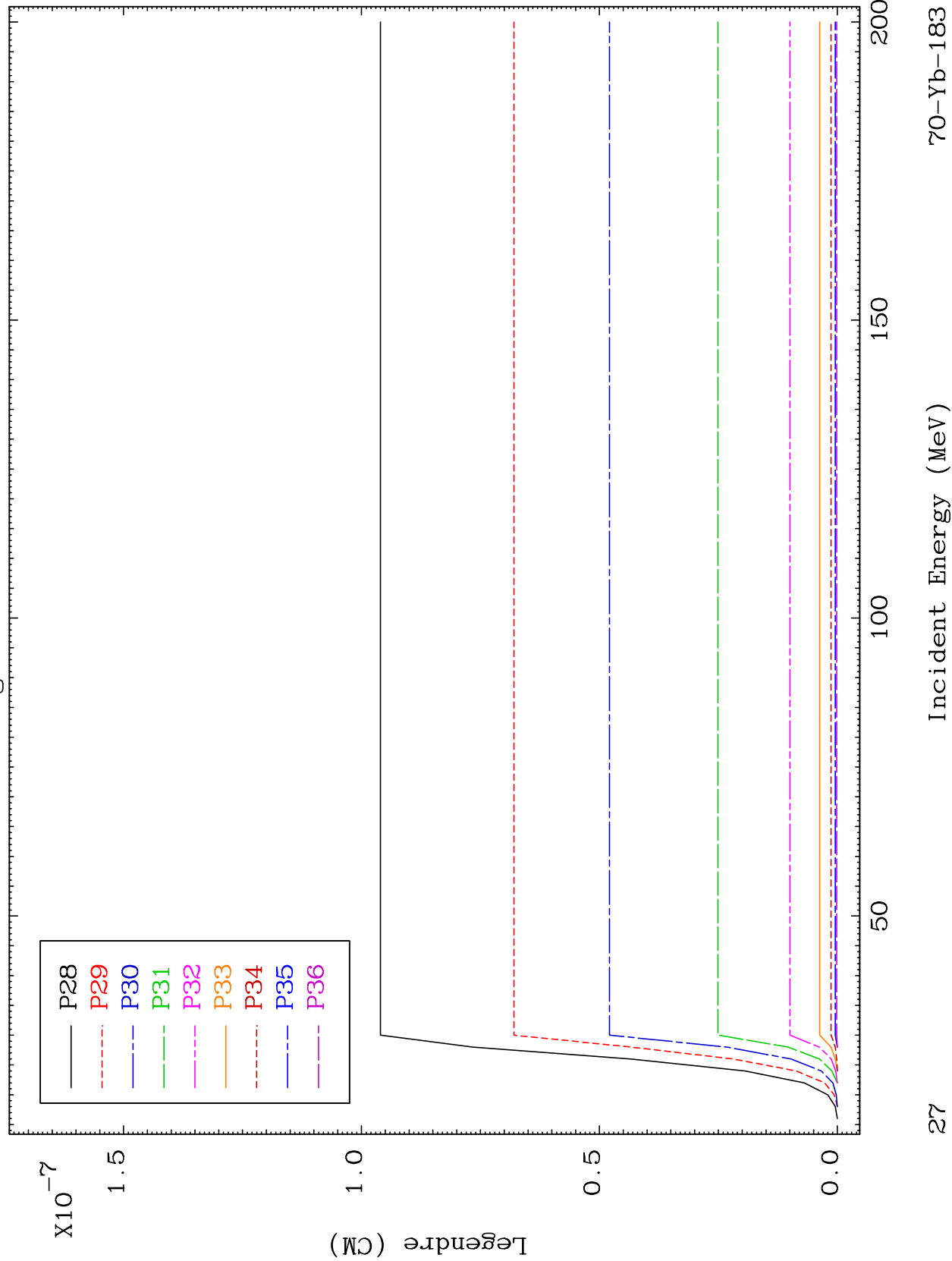
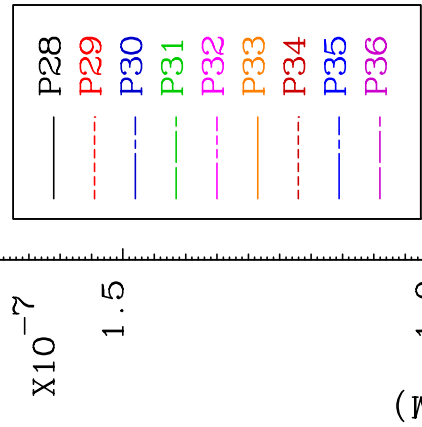
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



27

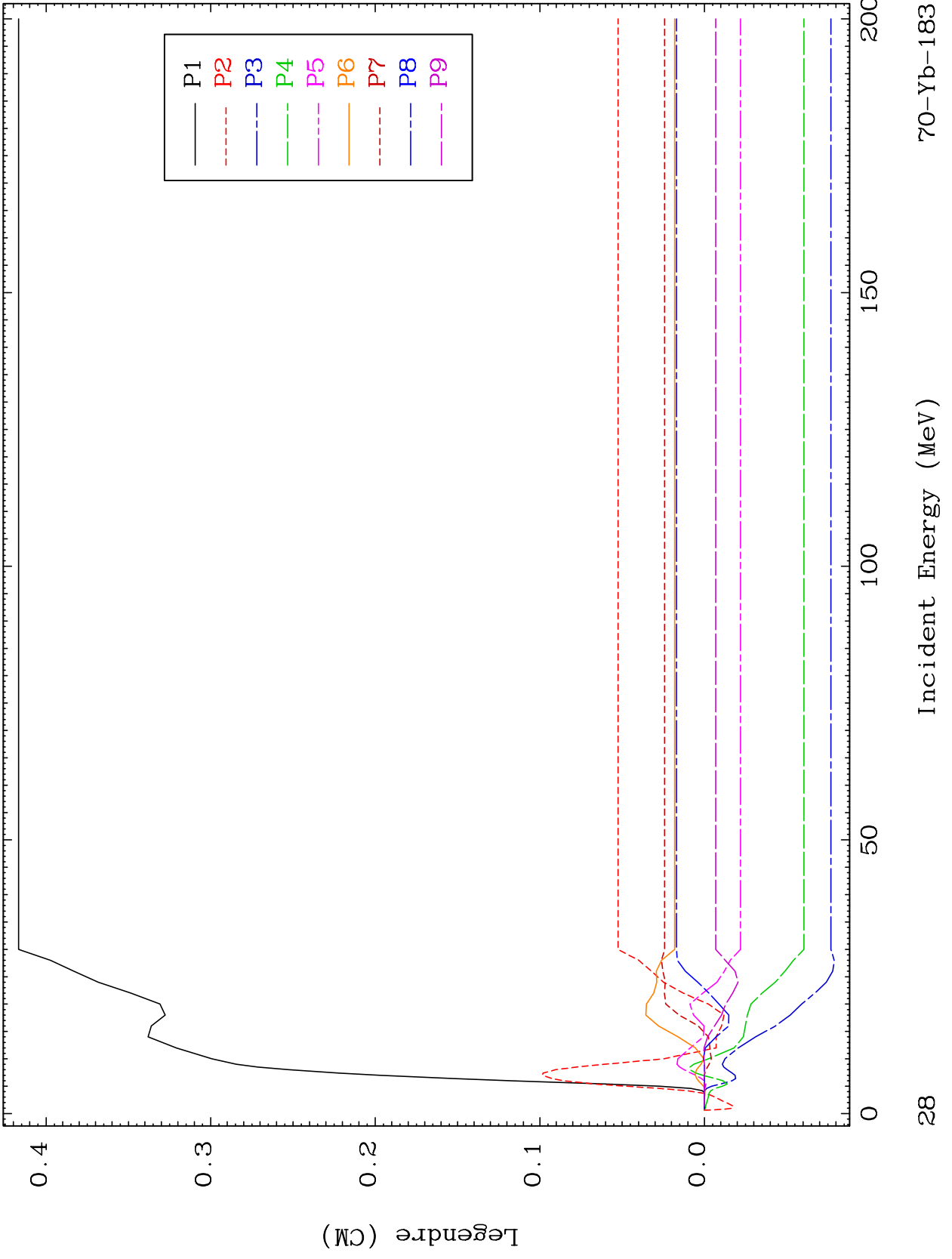
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



28

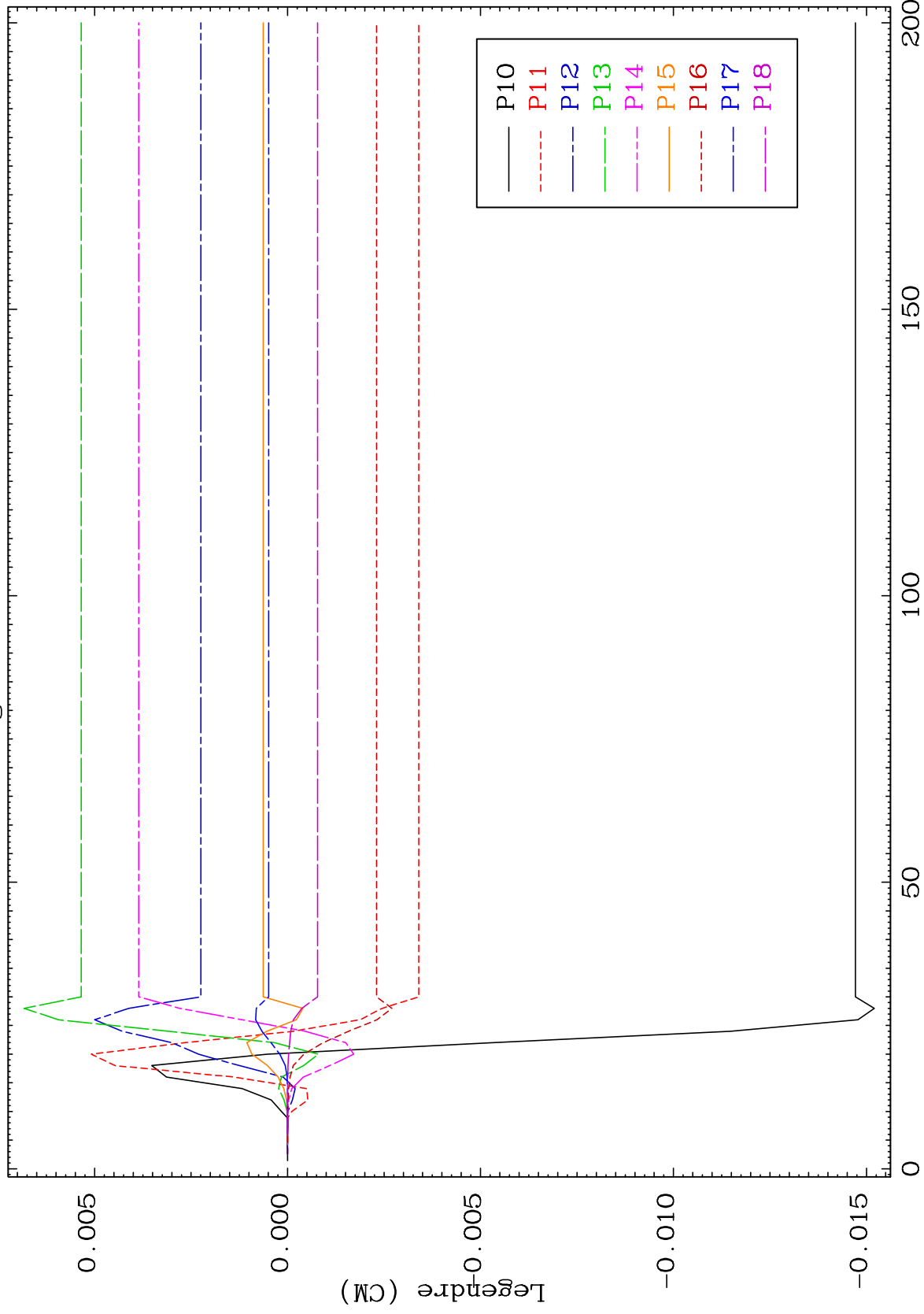
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



29

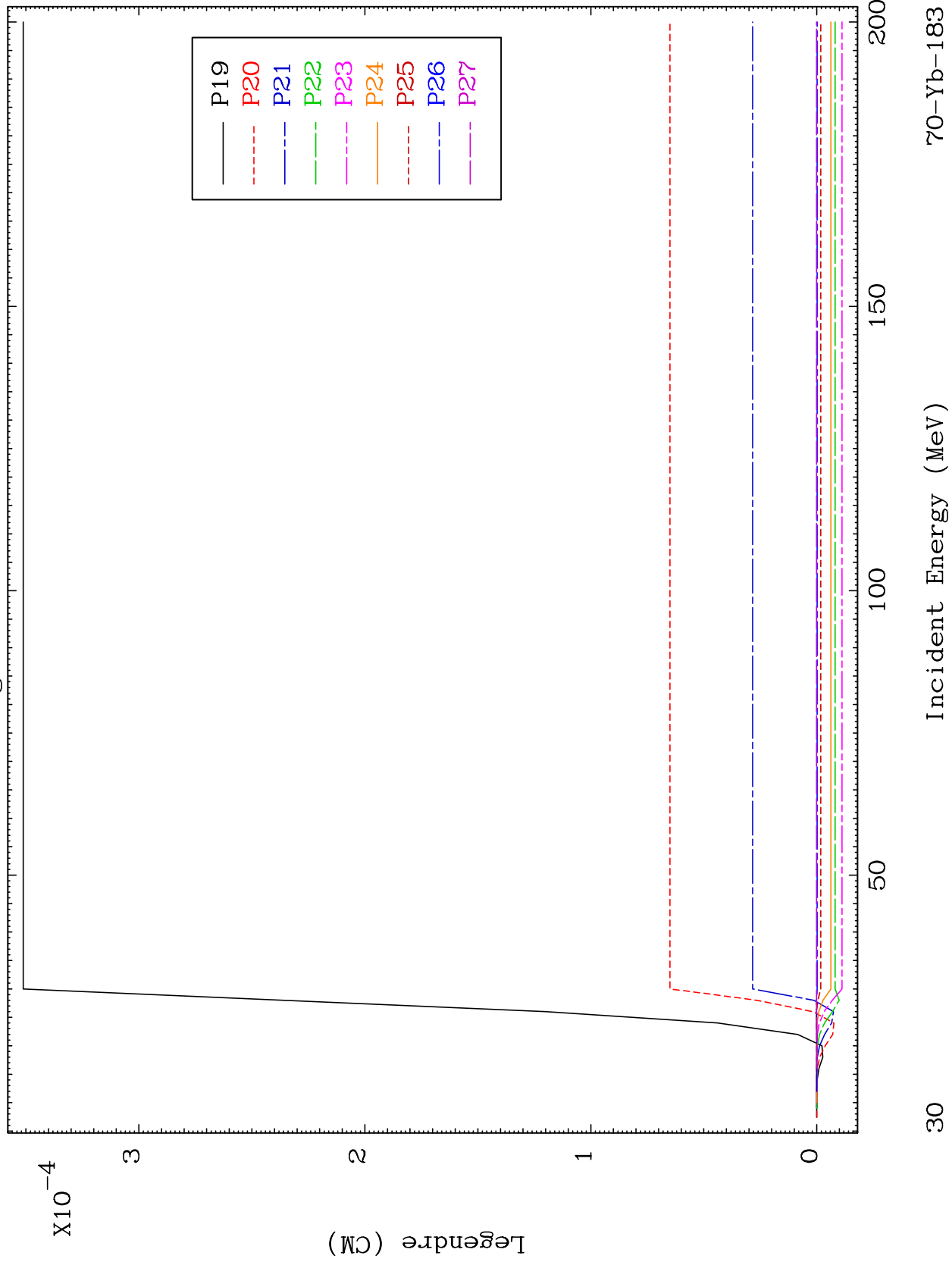
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



70-Yb-183

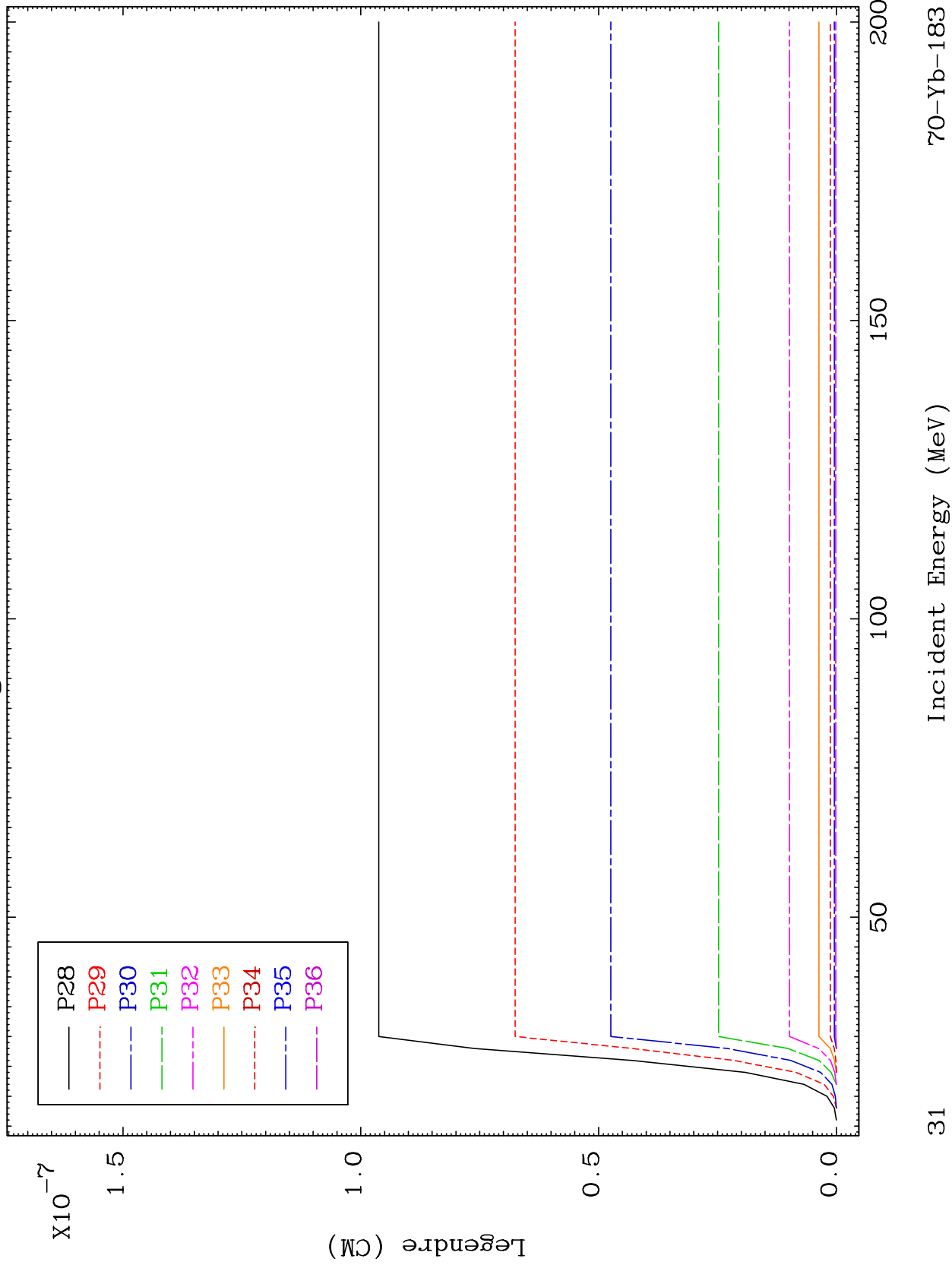
Incident Energy (MeV)

30

MAT 7070

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

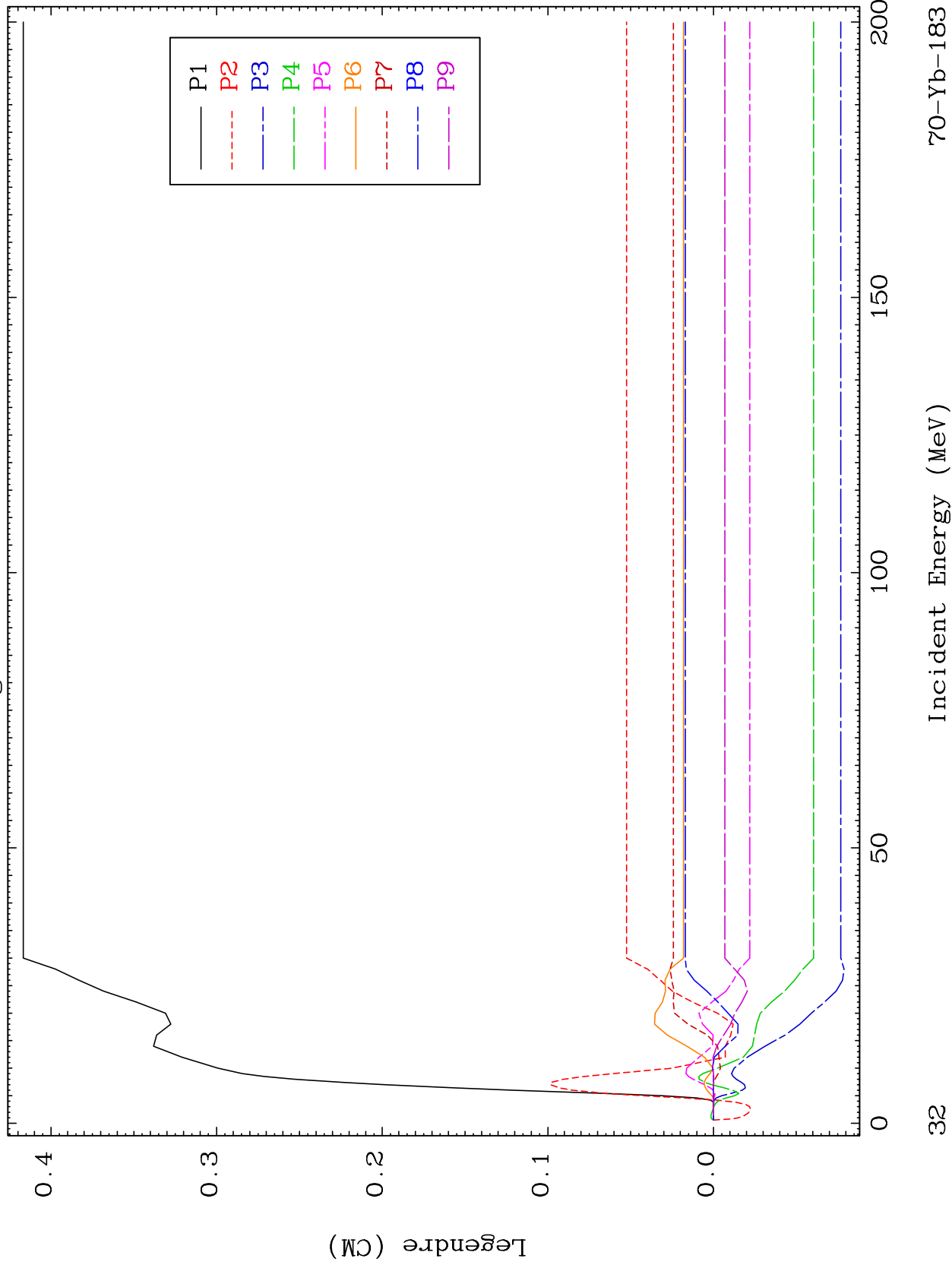
70-Yb-183



MAT 7070

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

70-Yb-183



32

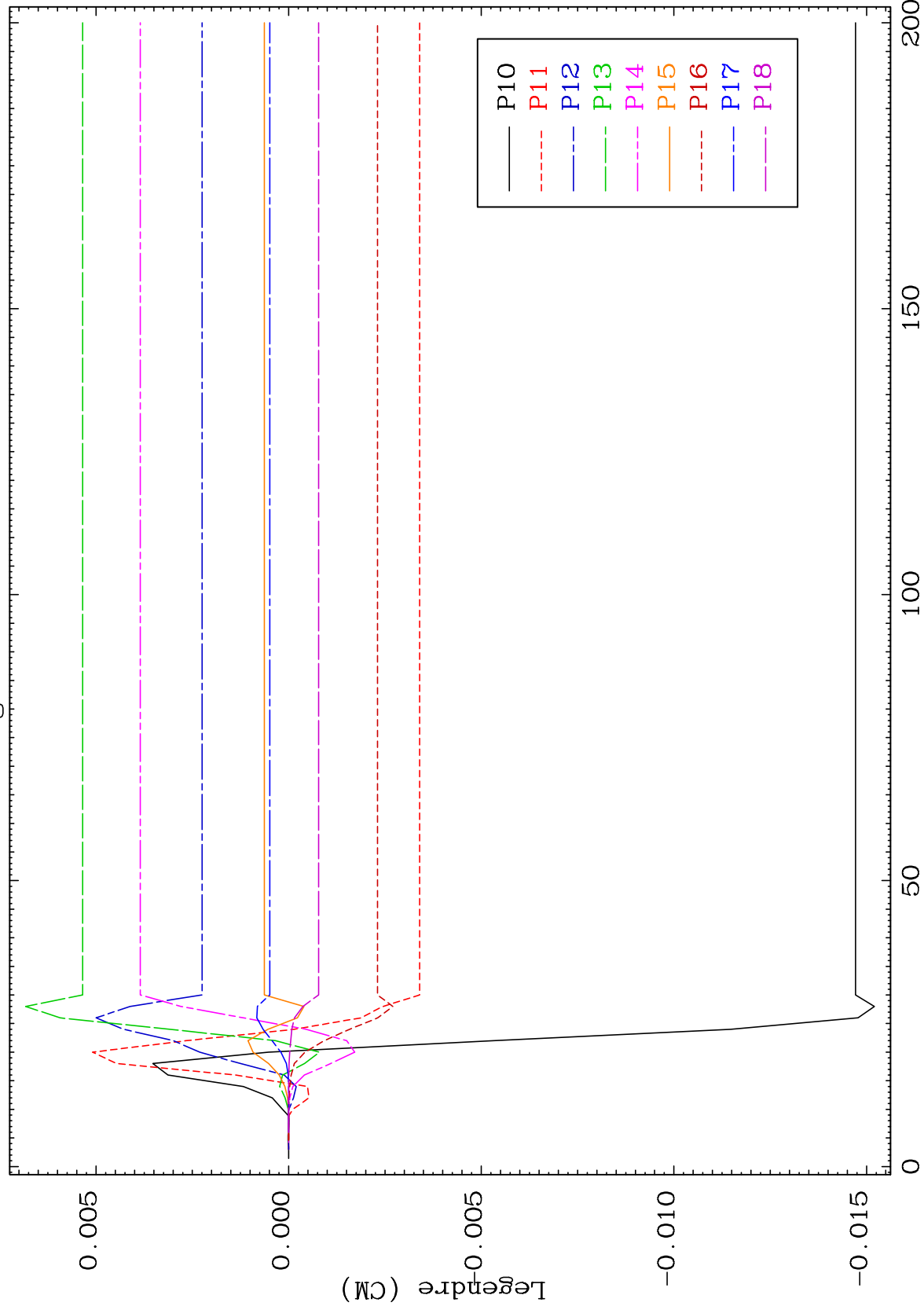
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



33

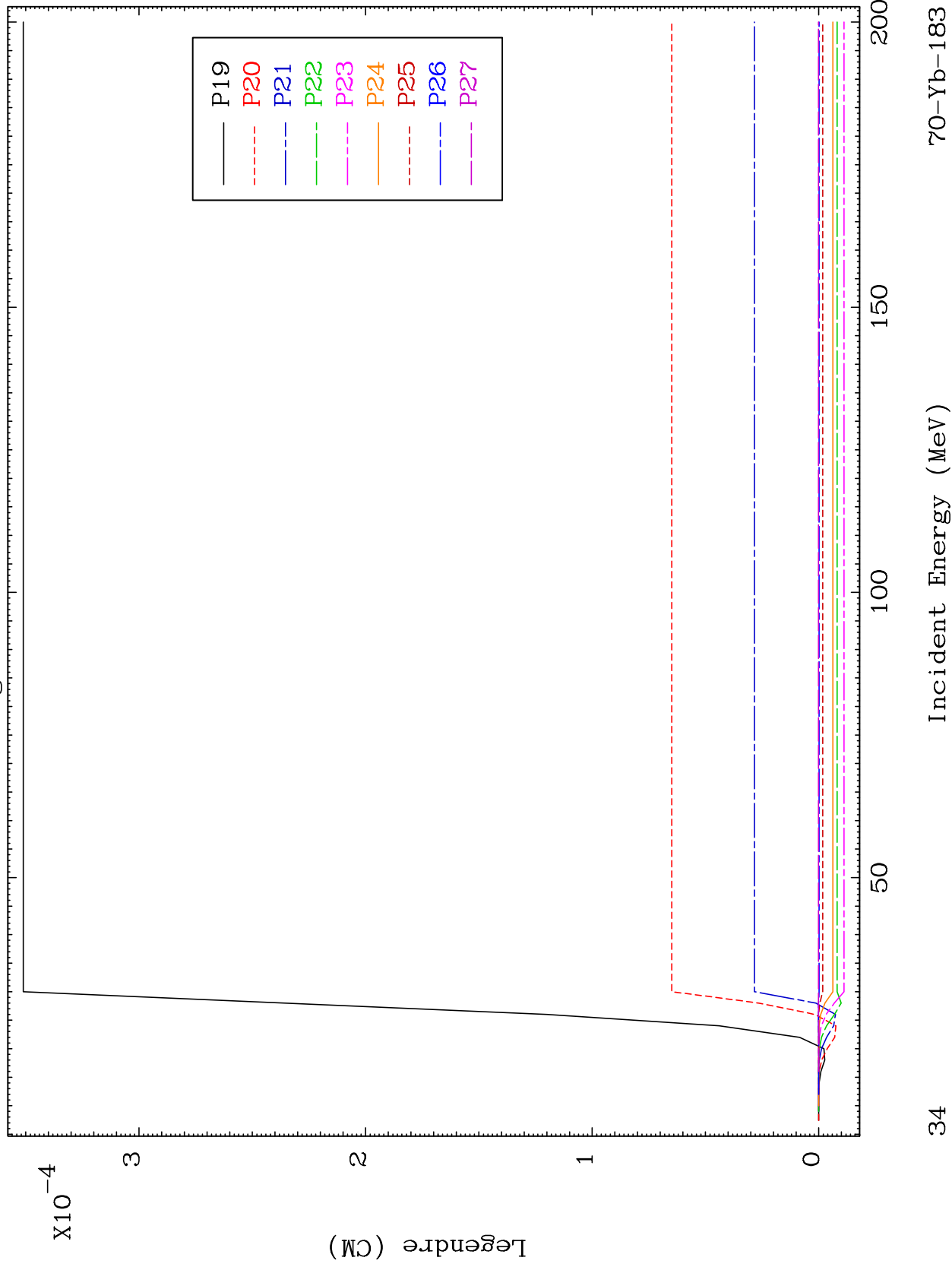
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



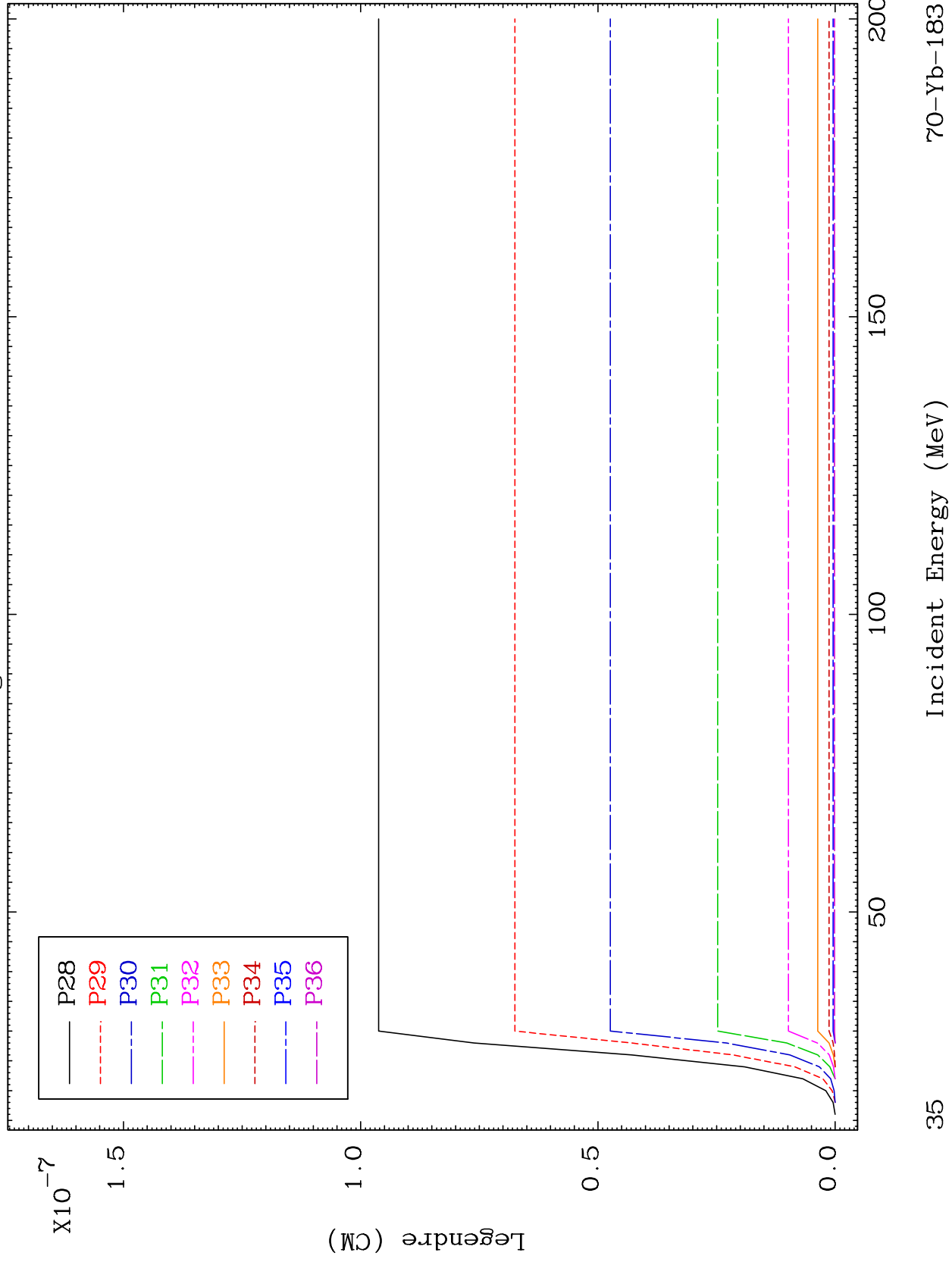
34

70-Yb-183

MAT 7070

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

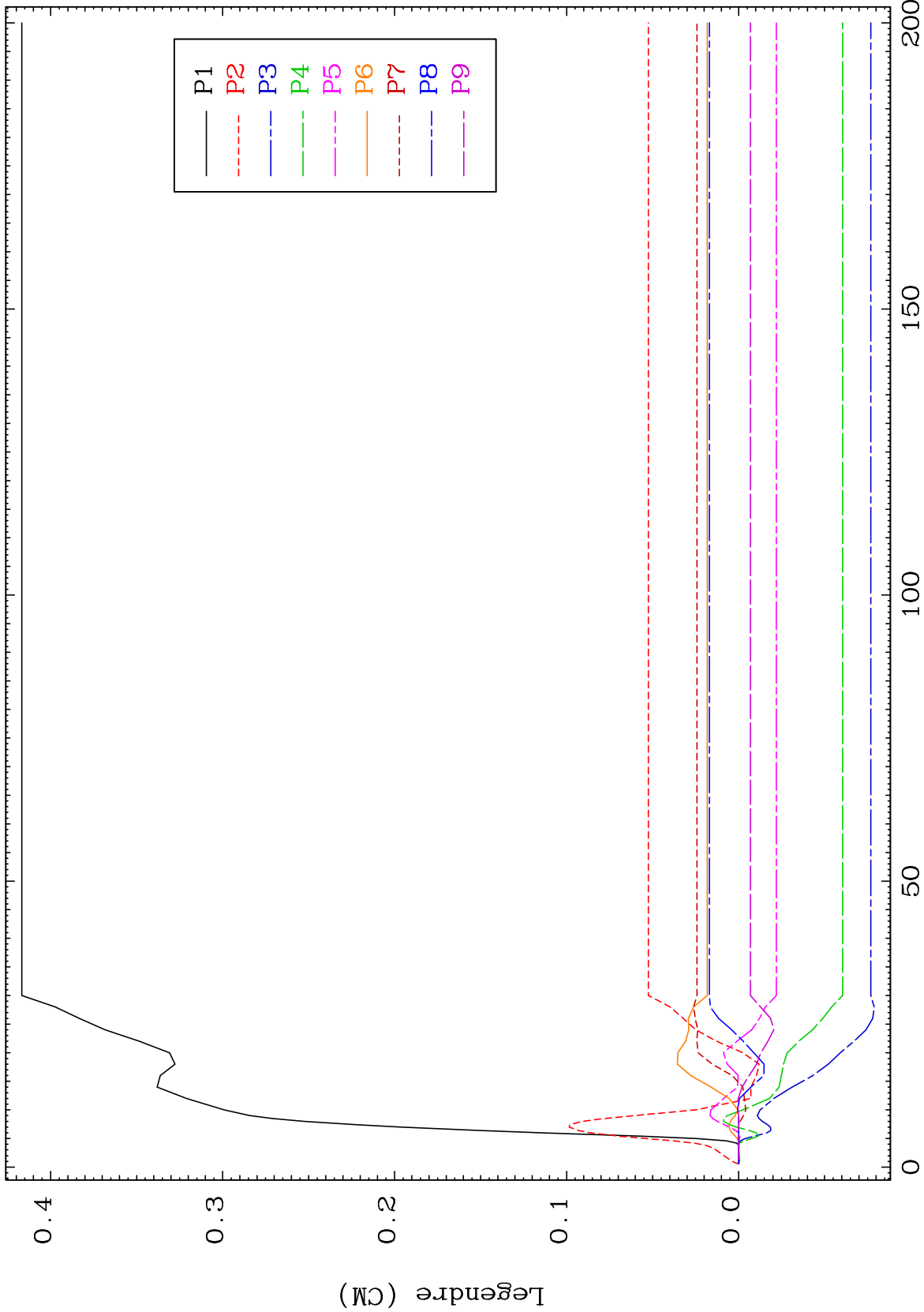
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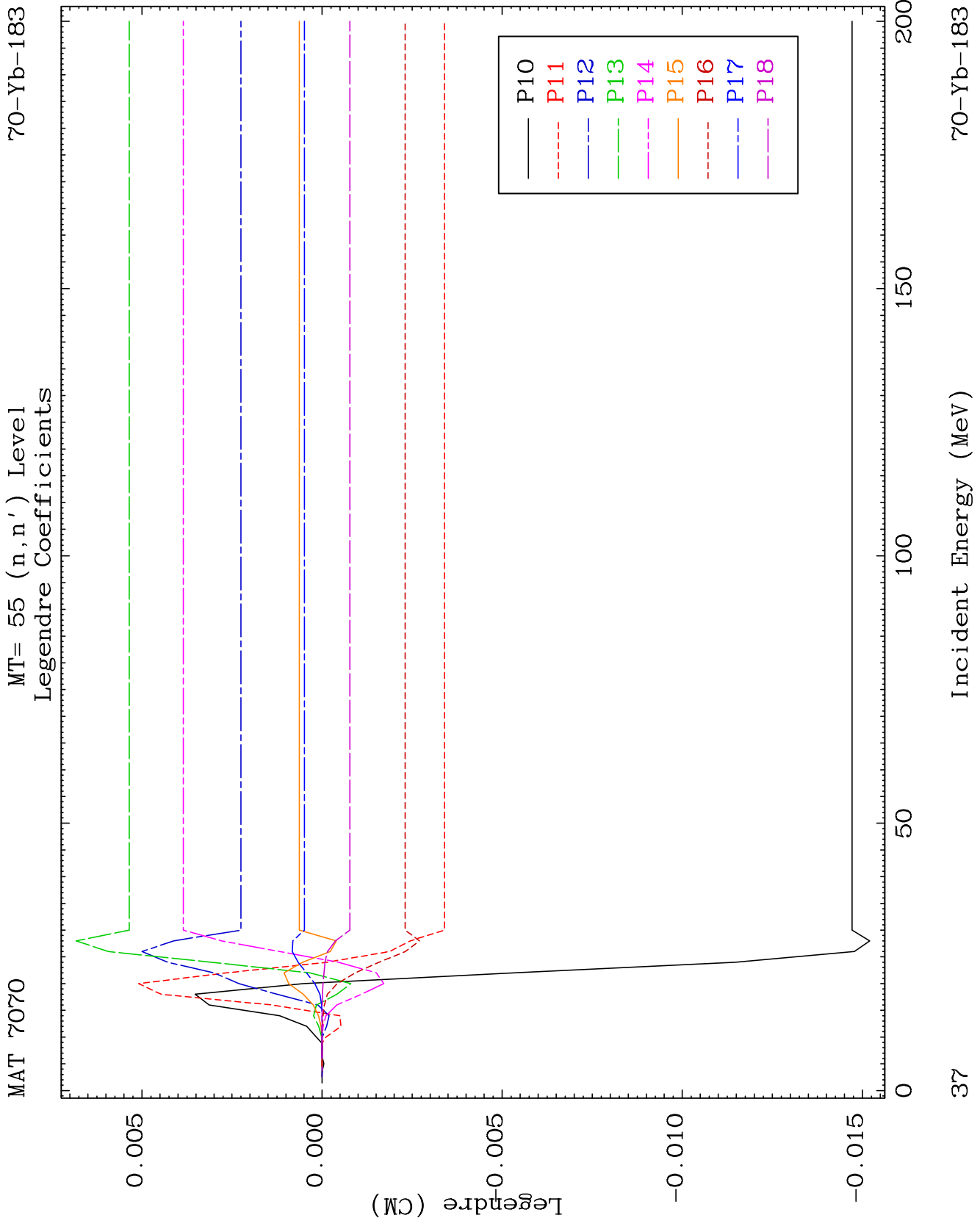


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Incident Energy (MeV)

70-Yb-183

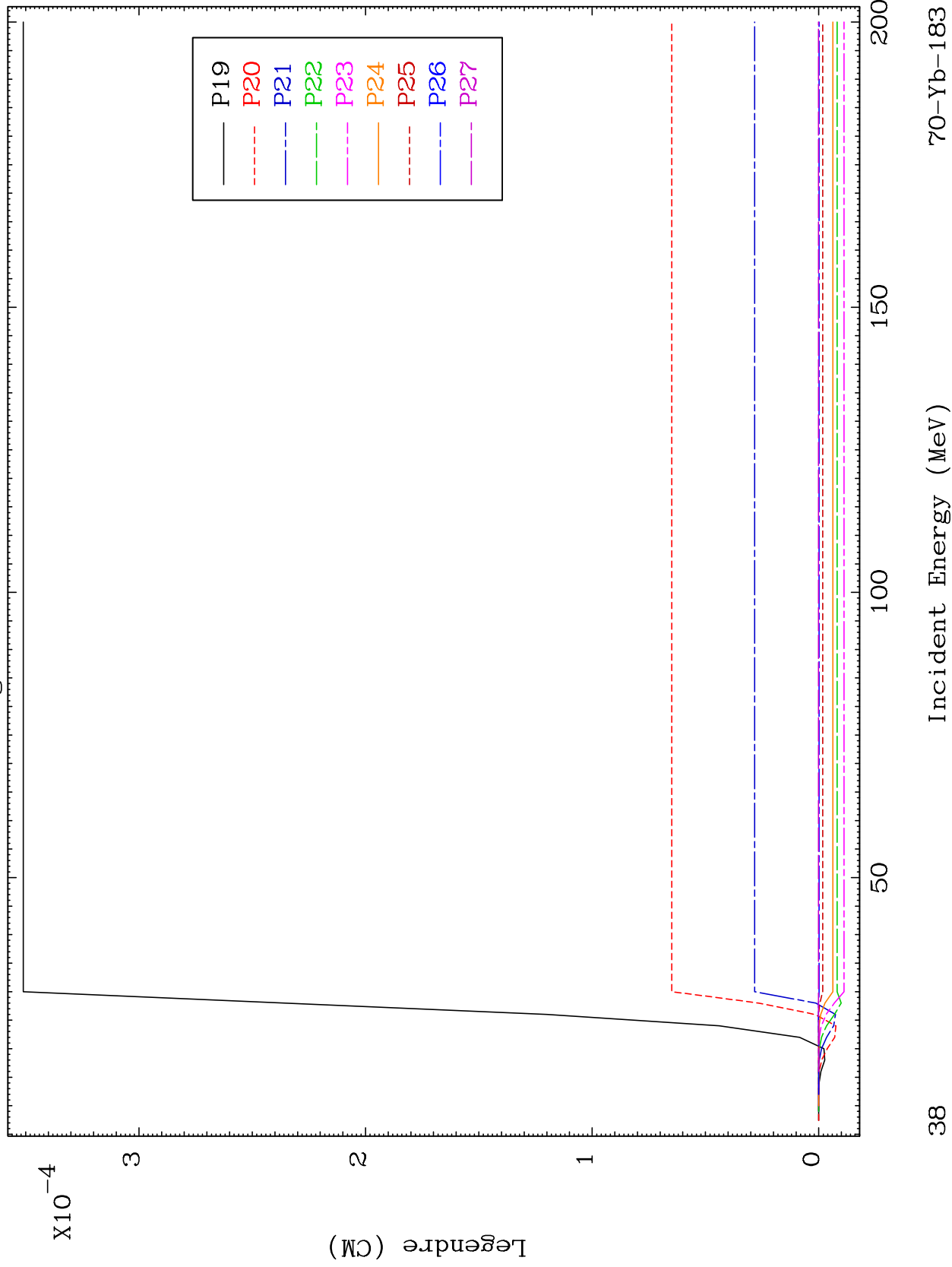




MAT 7070

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

70-Yb-183



38

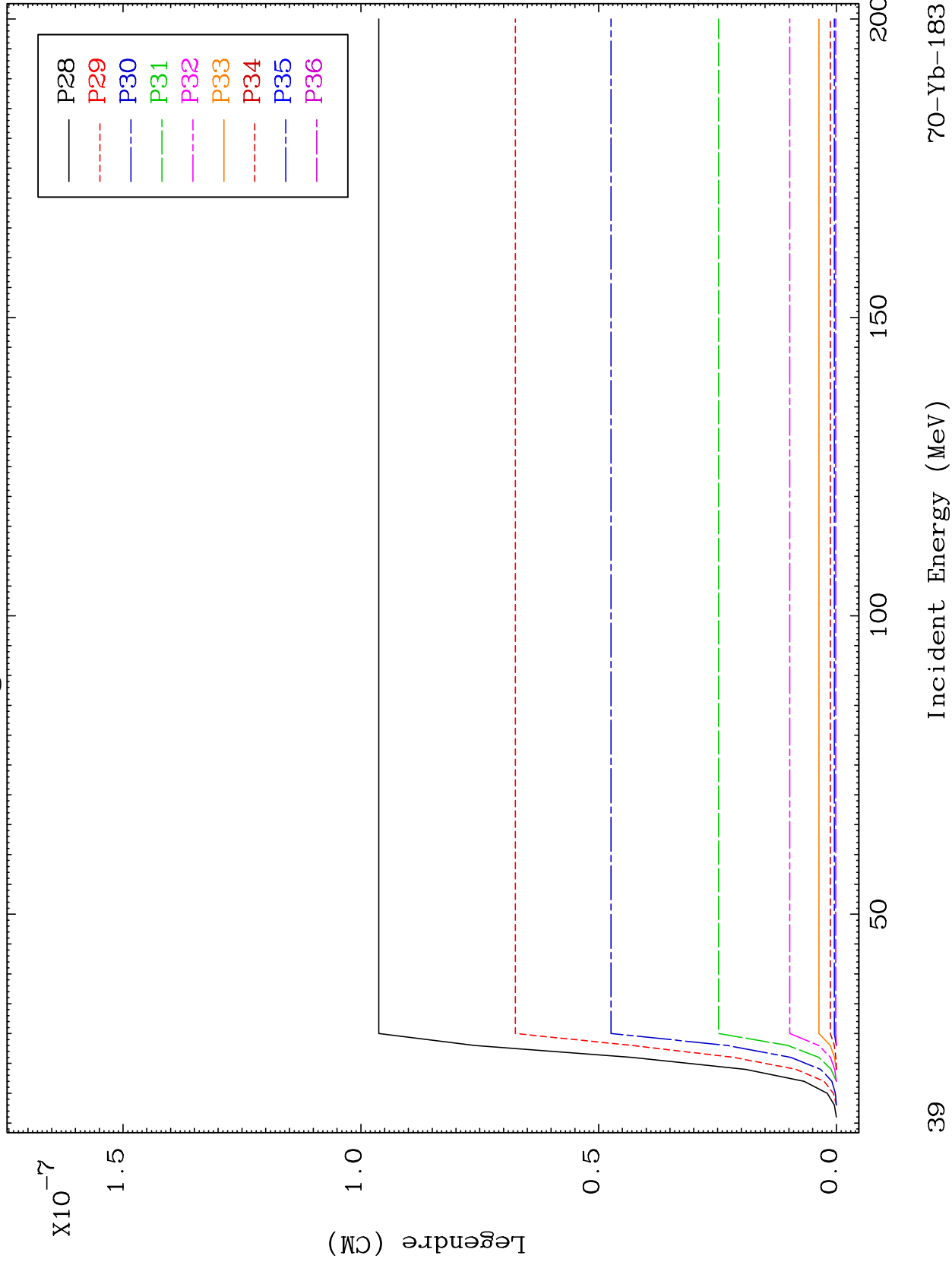
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

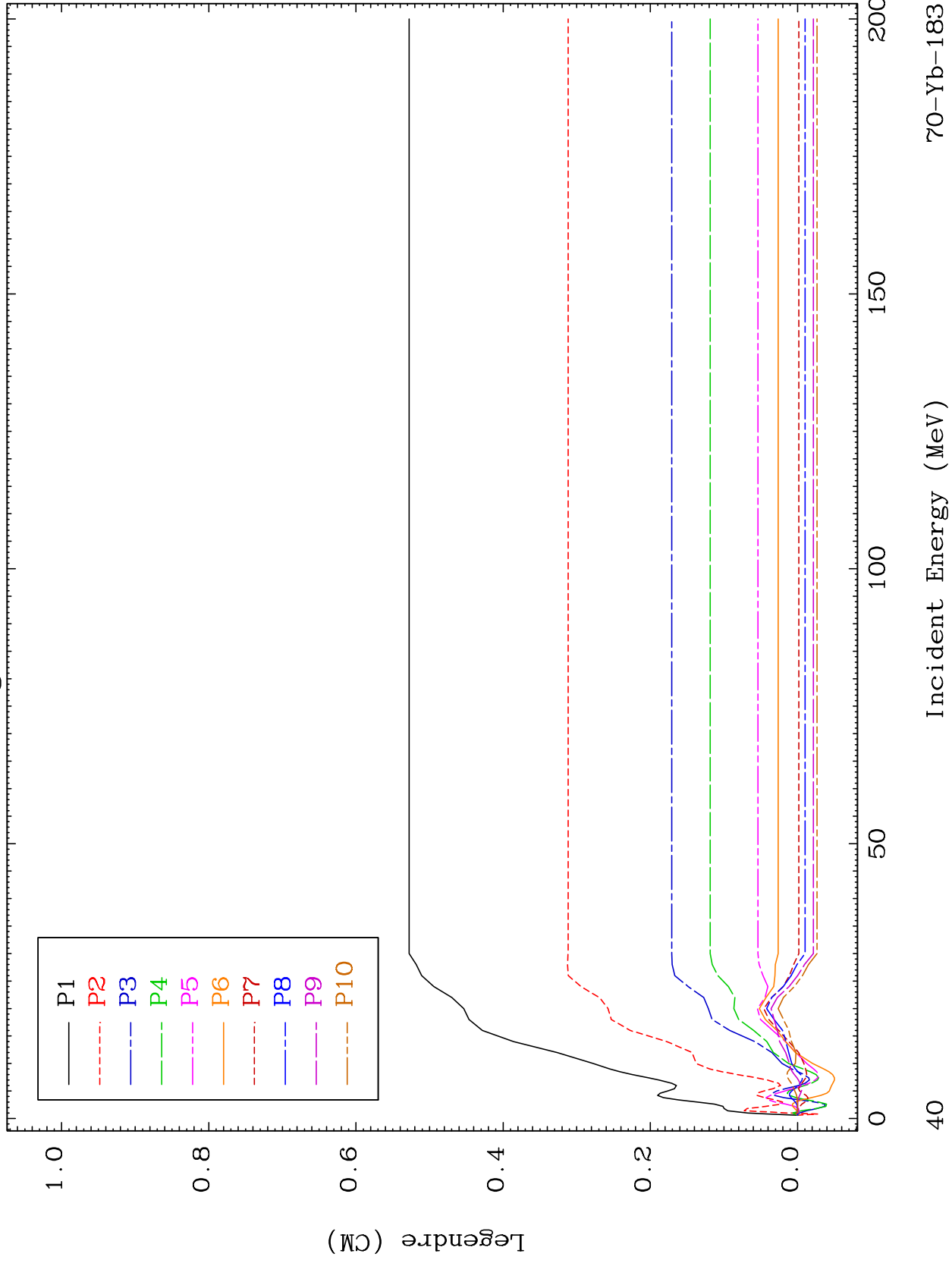
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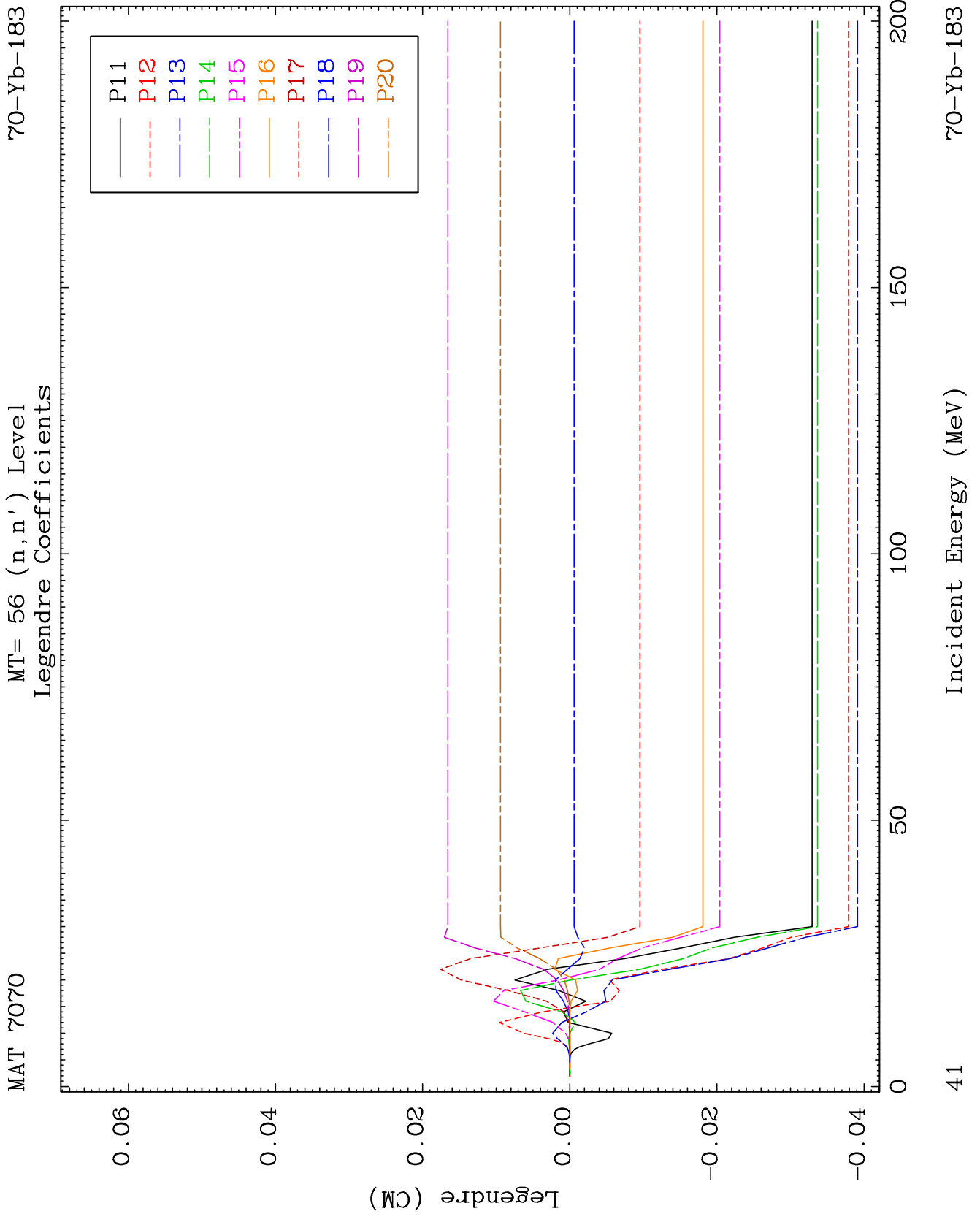


MAT 7070

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

70-Yb-183

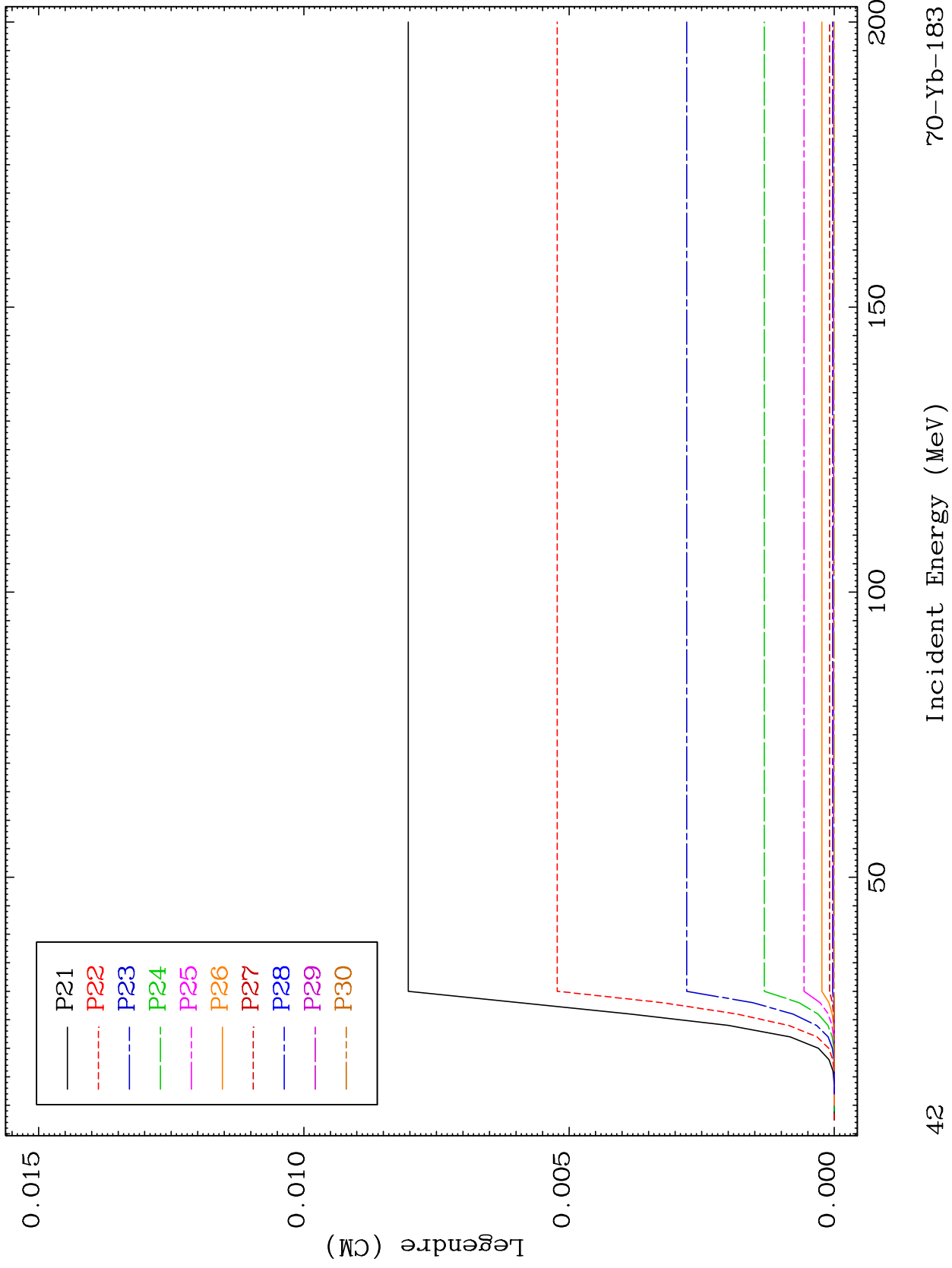




MAT 7070

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

70-Yb-183



42

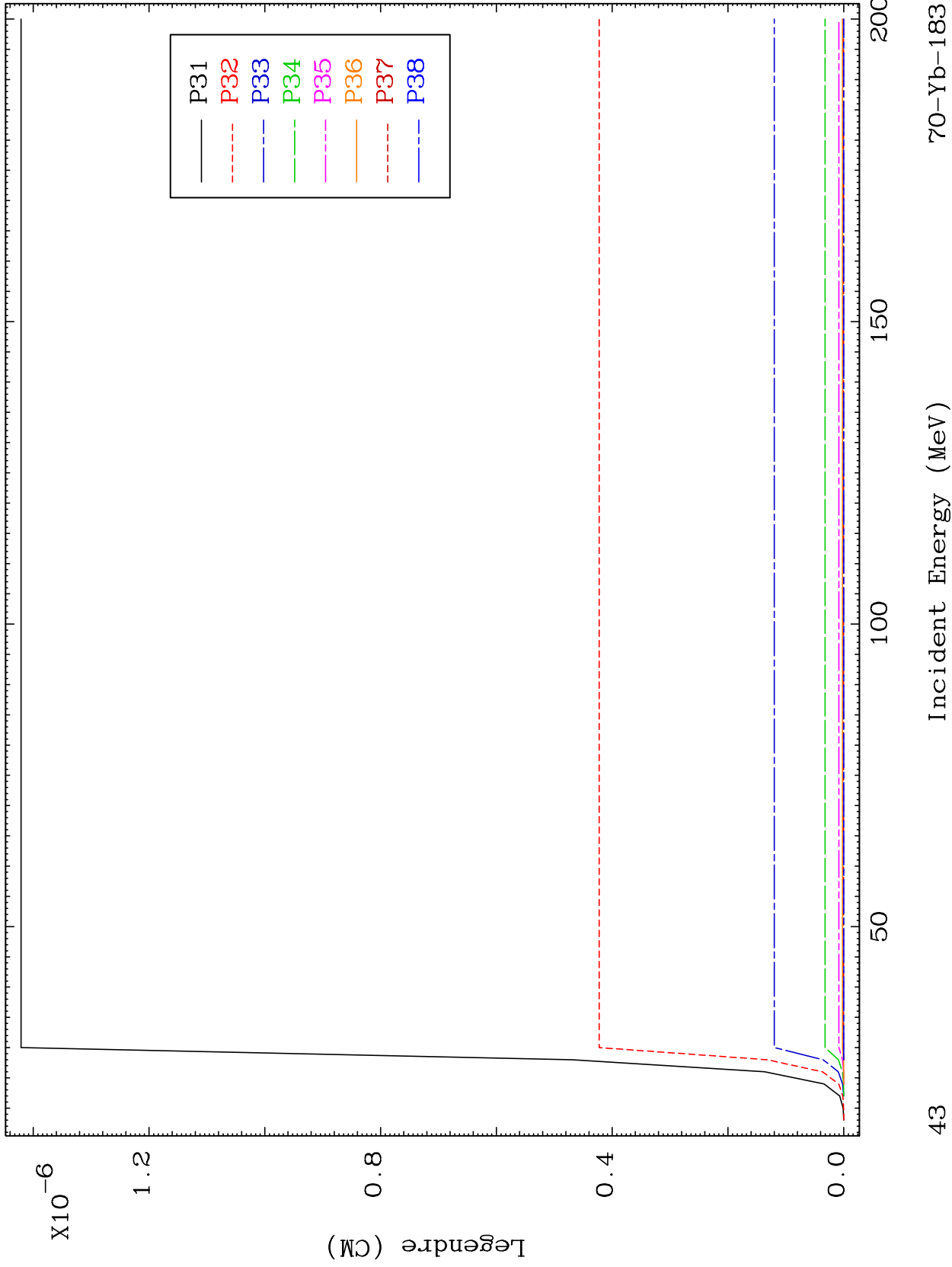
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



43

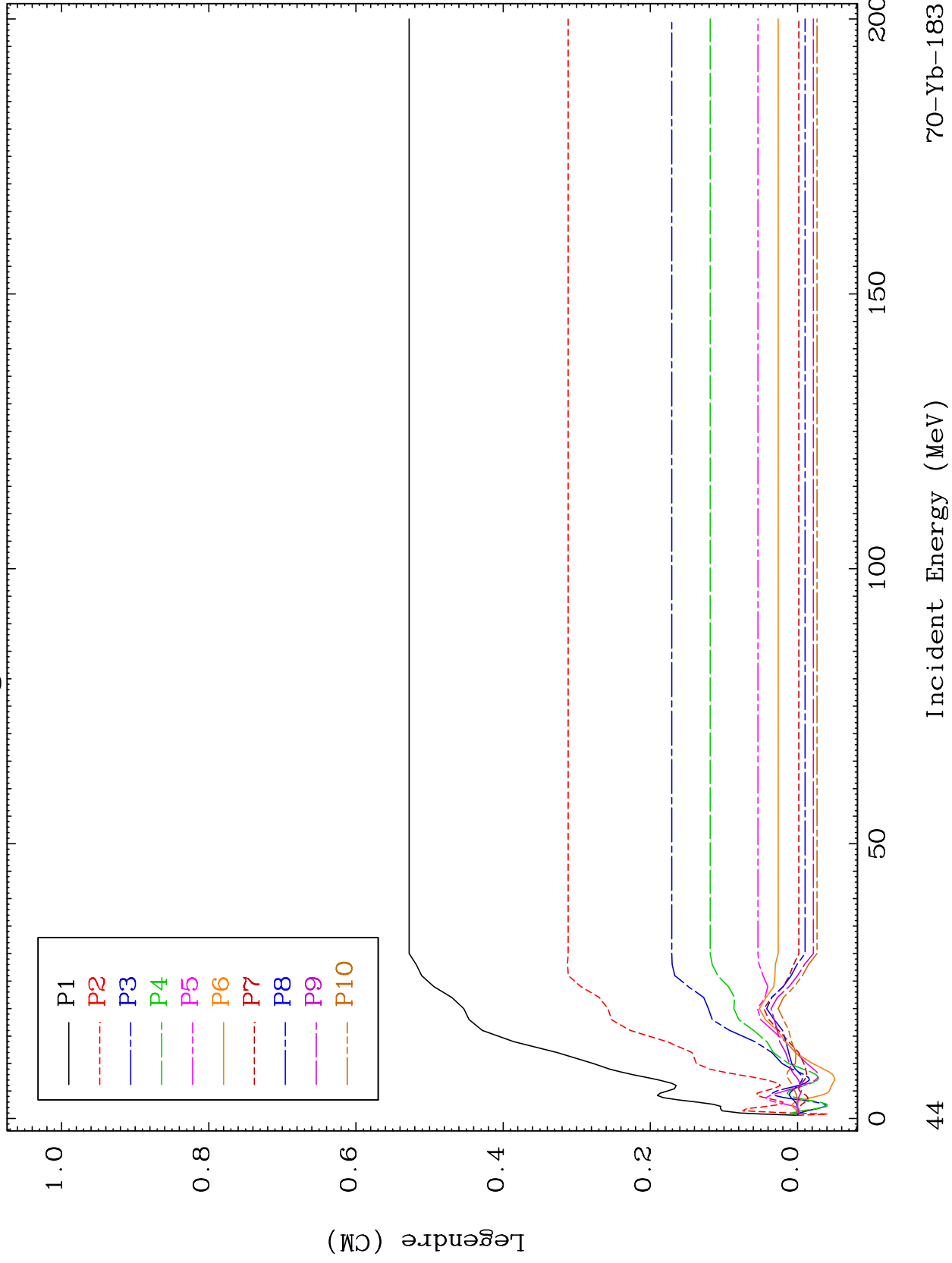
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

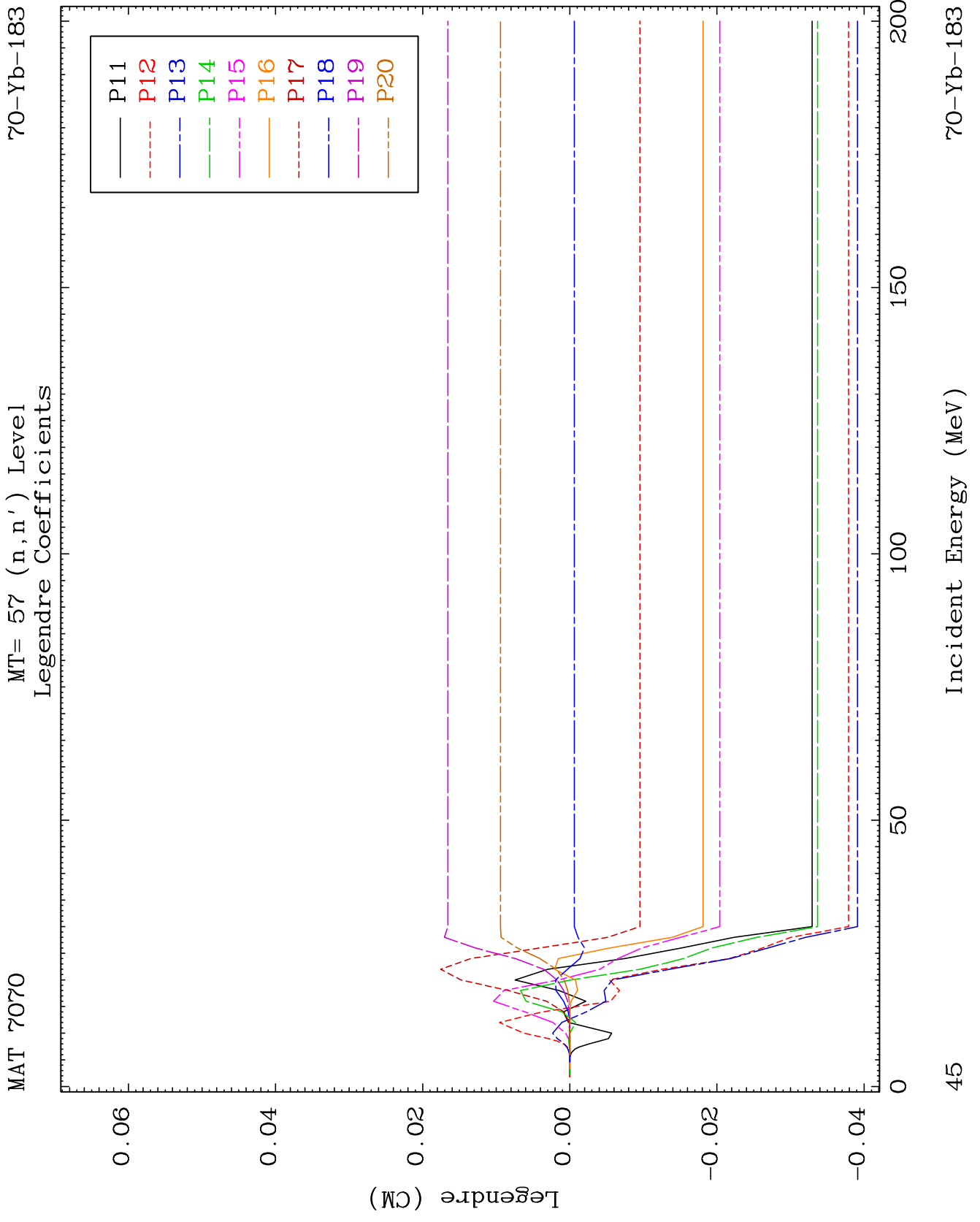
70-Yb-183



70-Yb-183

Incident Energy (MeV)

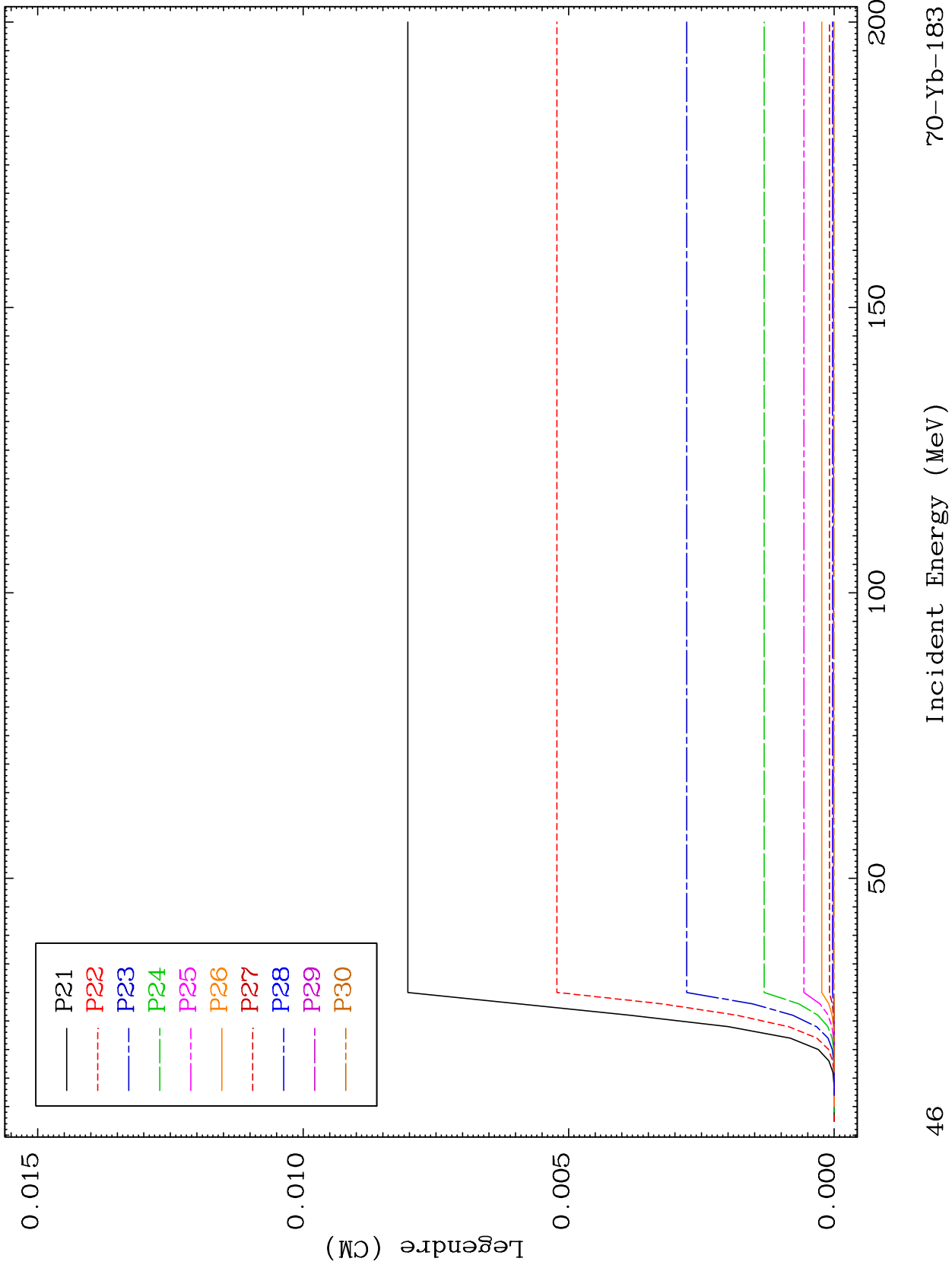
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MAT 7070

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

70-Yb-183



46

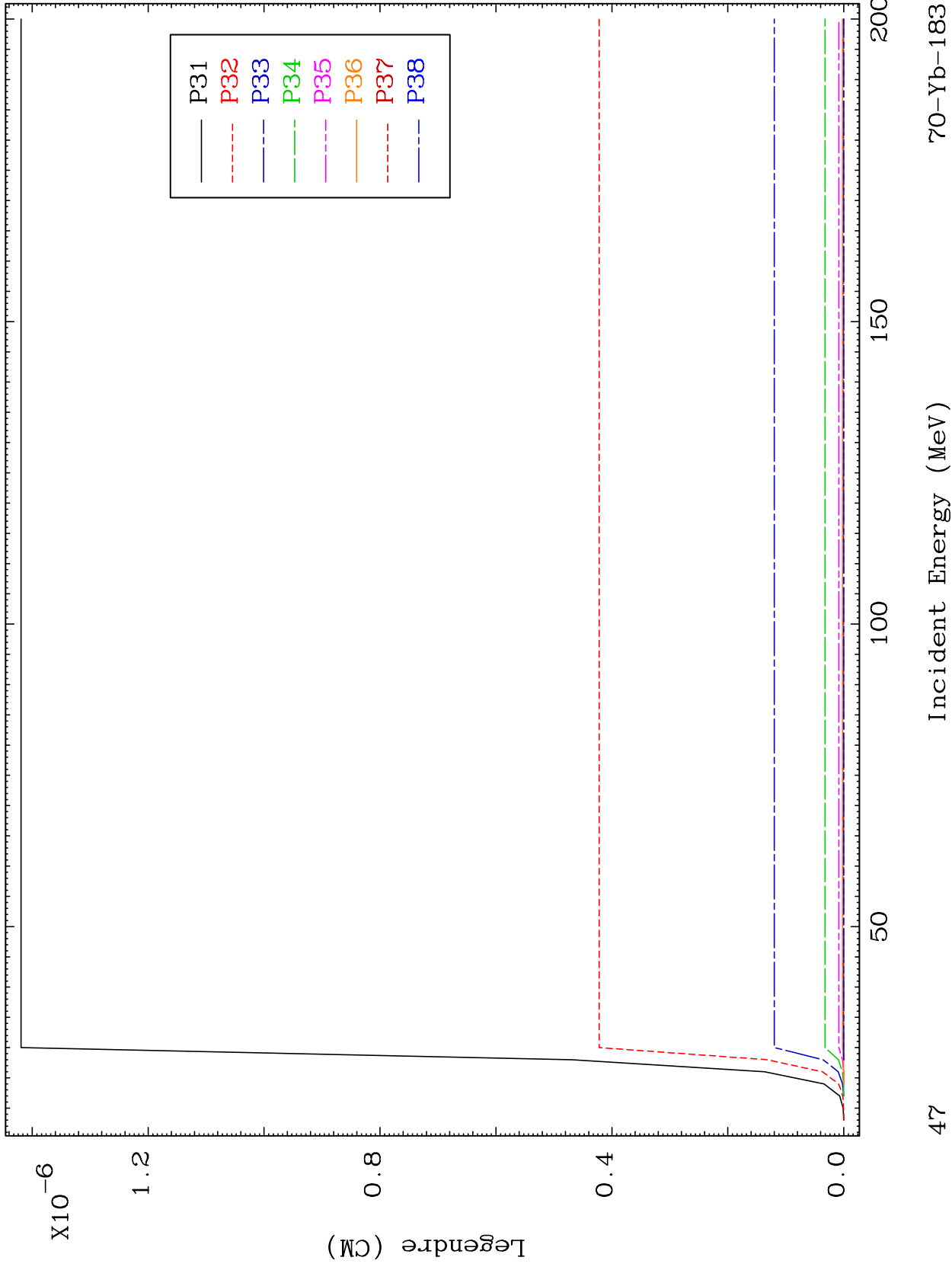
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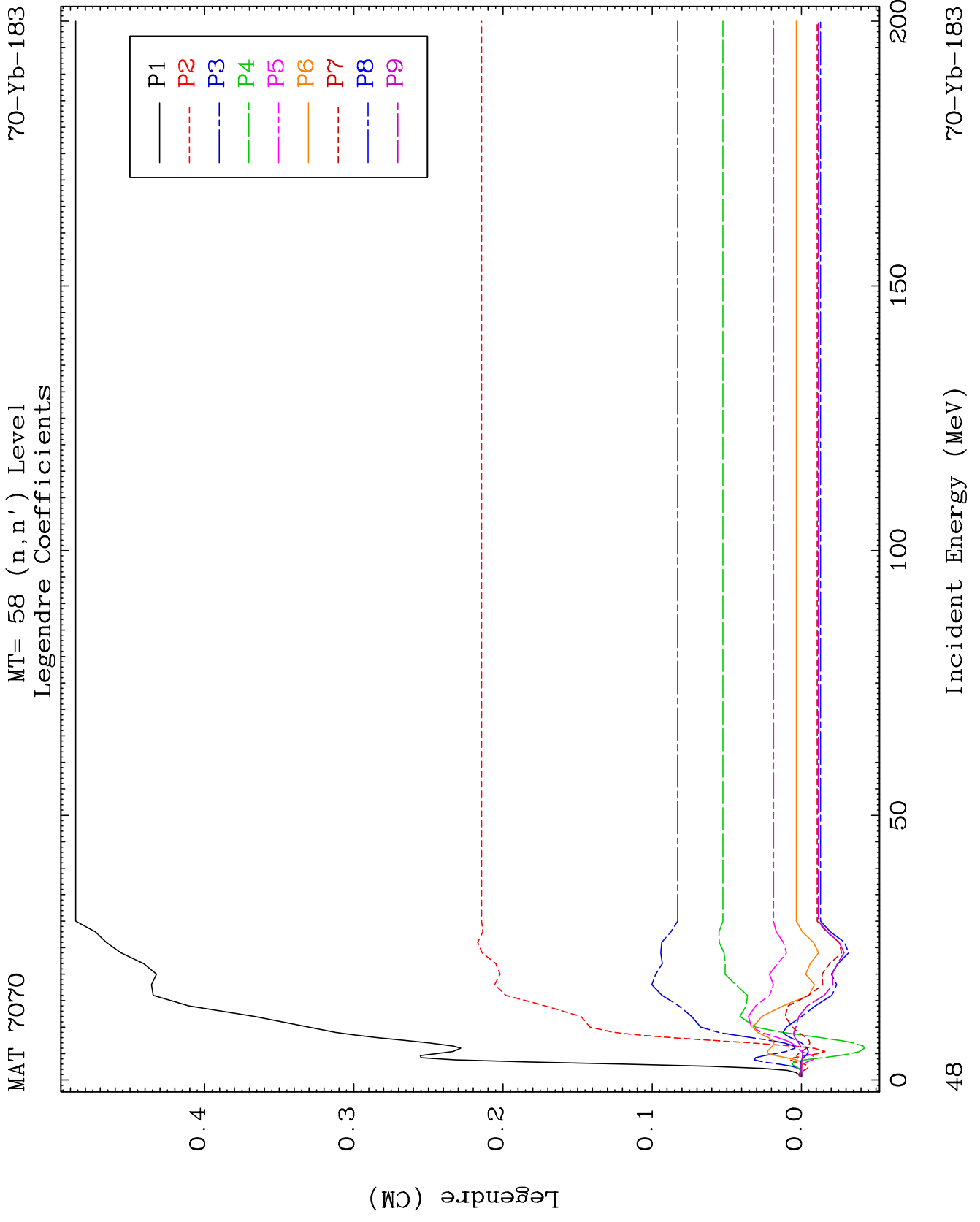
70-Yb-183

MAT 7070

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

70-Yb-183

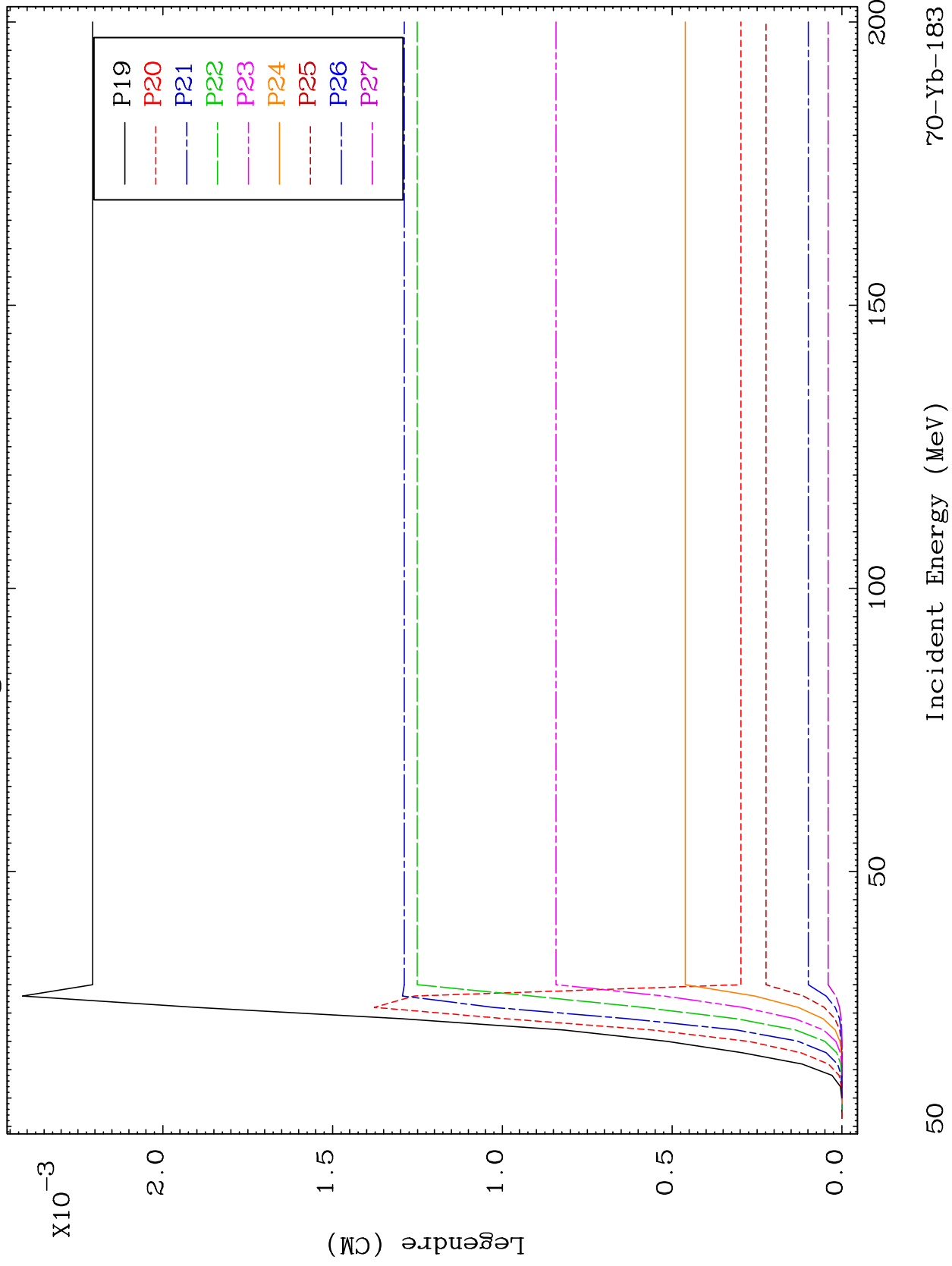


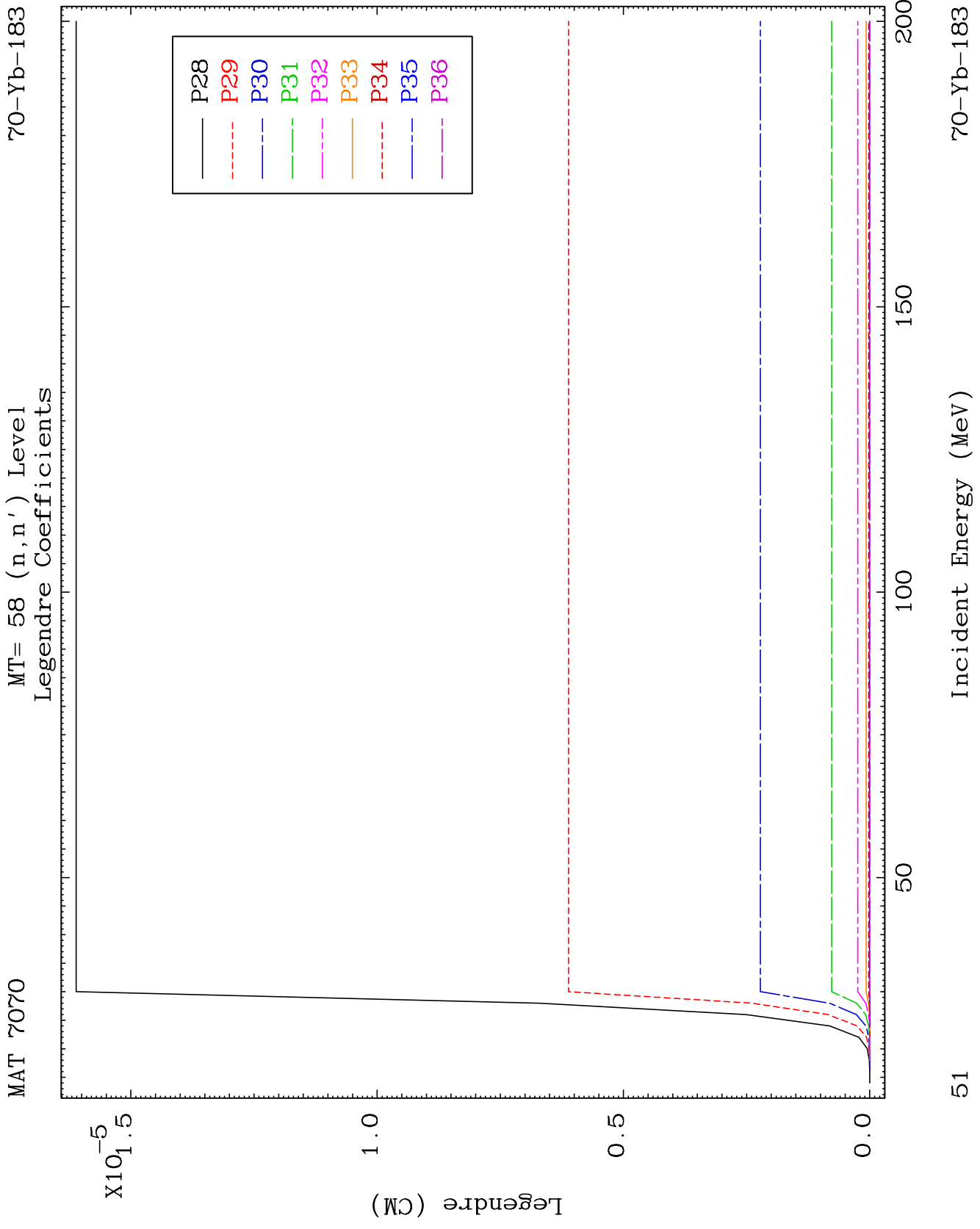


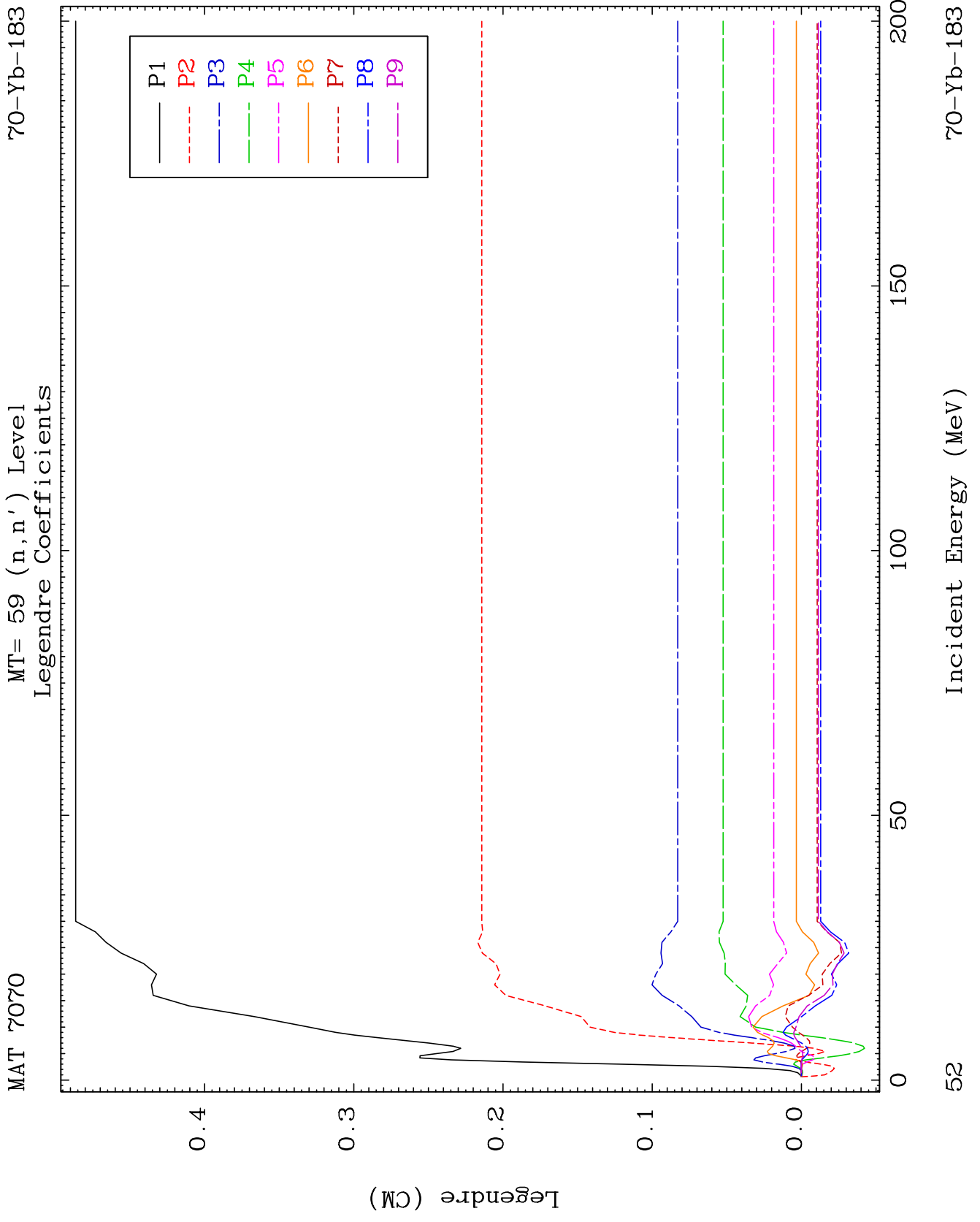
MAT 7070

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

70-Yb-183



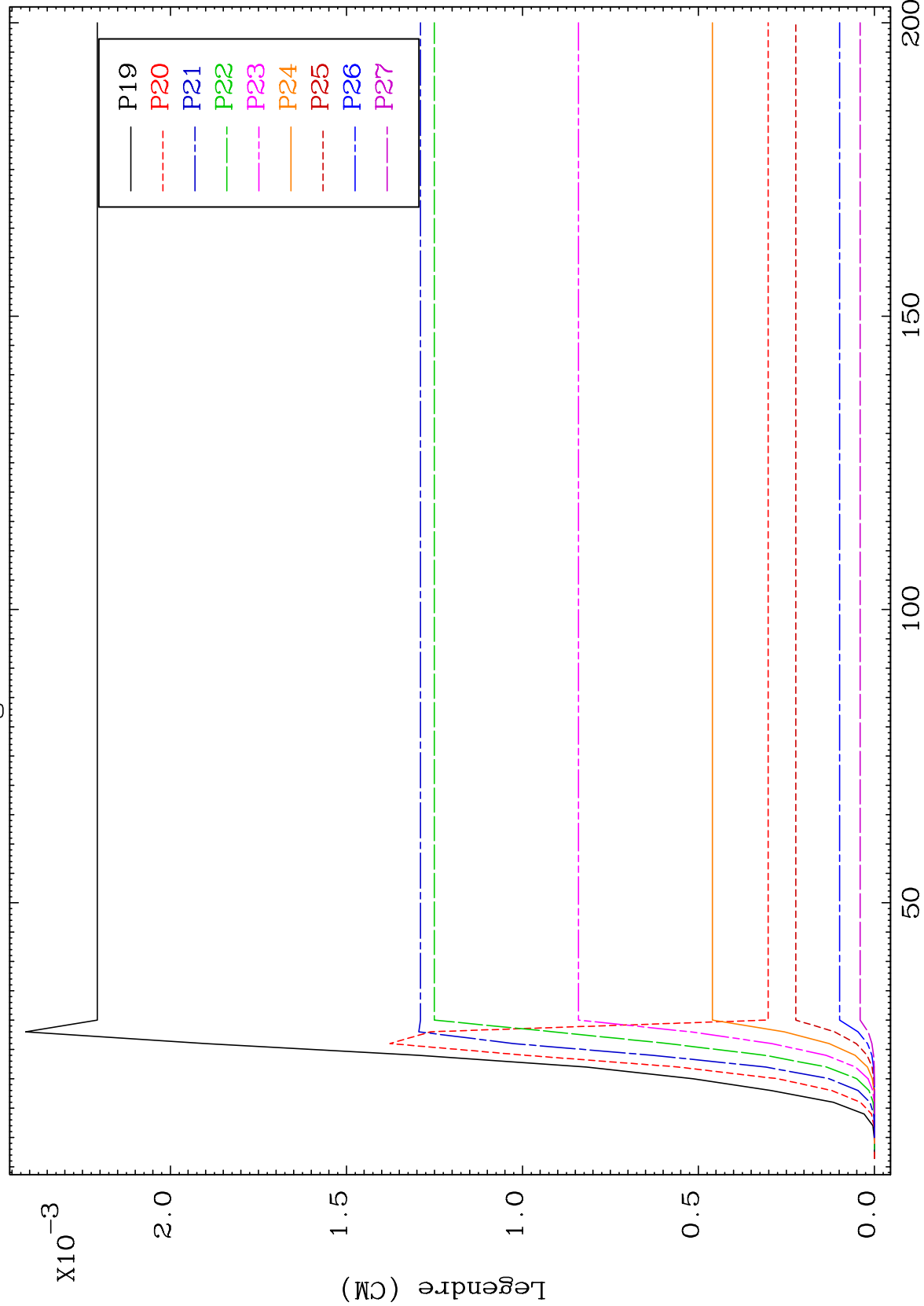




MAT 7070

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

70-Yb-183



54

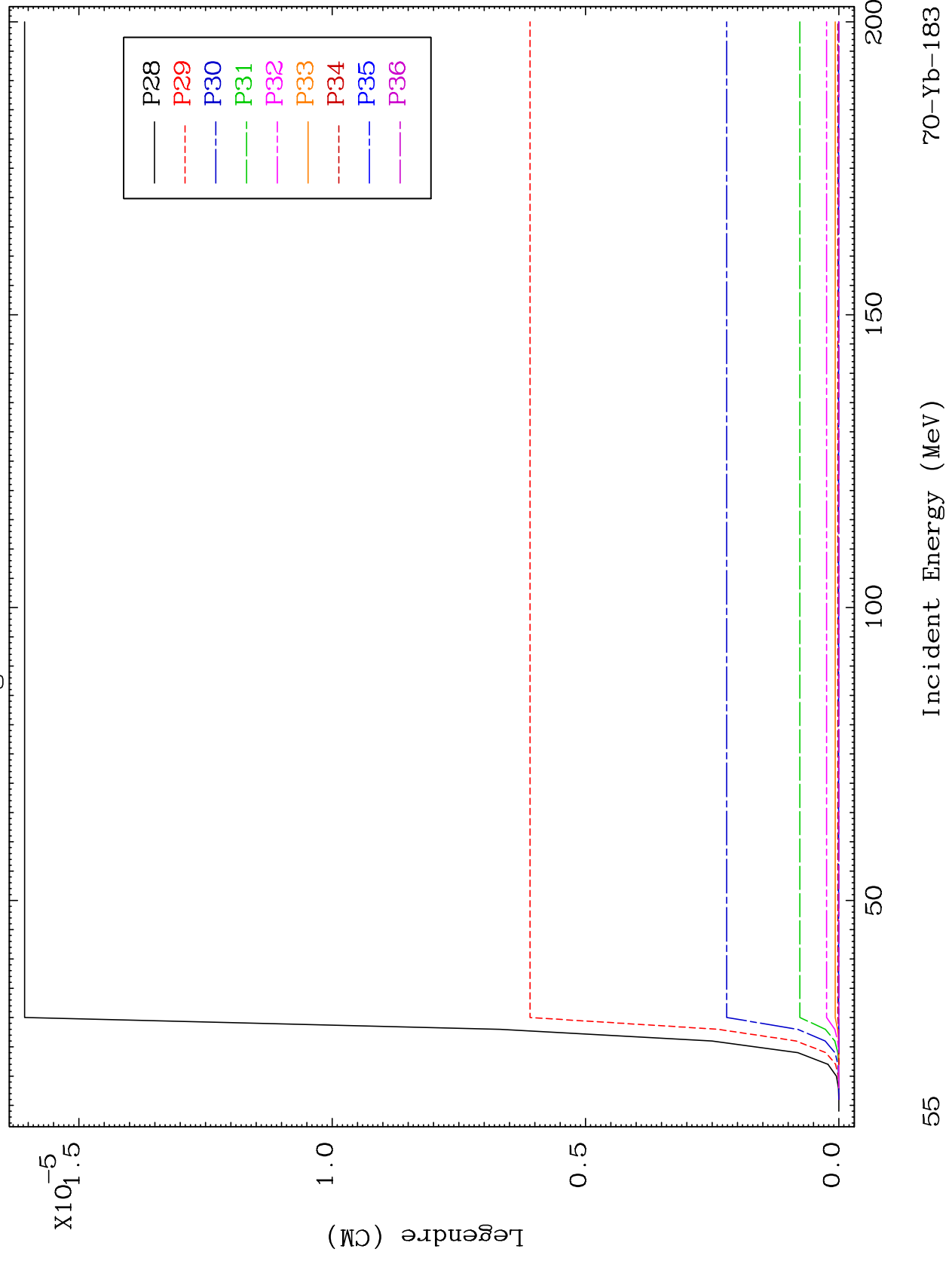
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



70-Yb-183

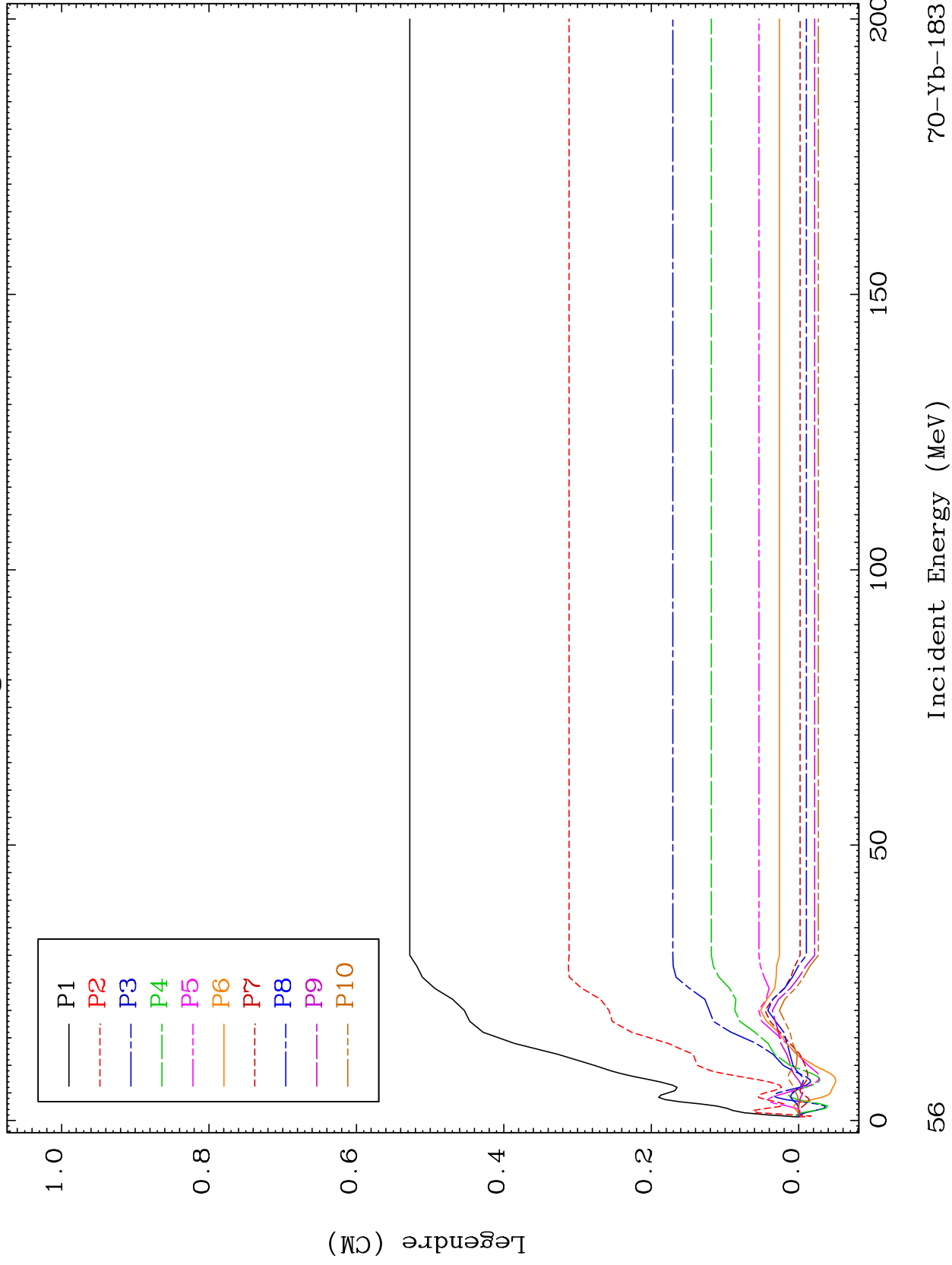
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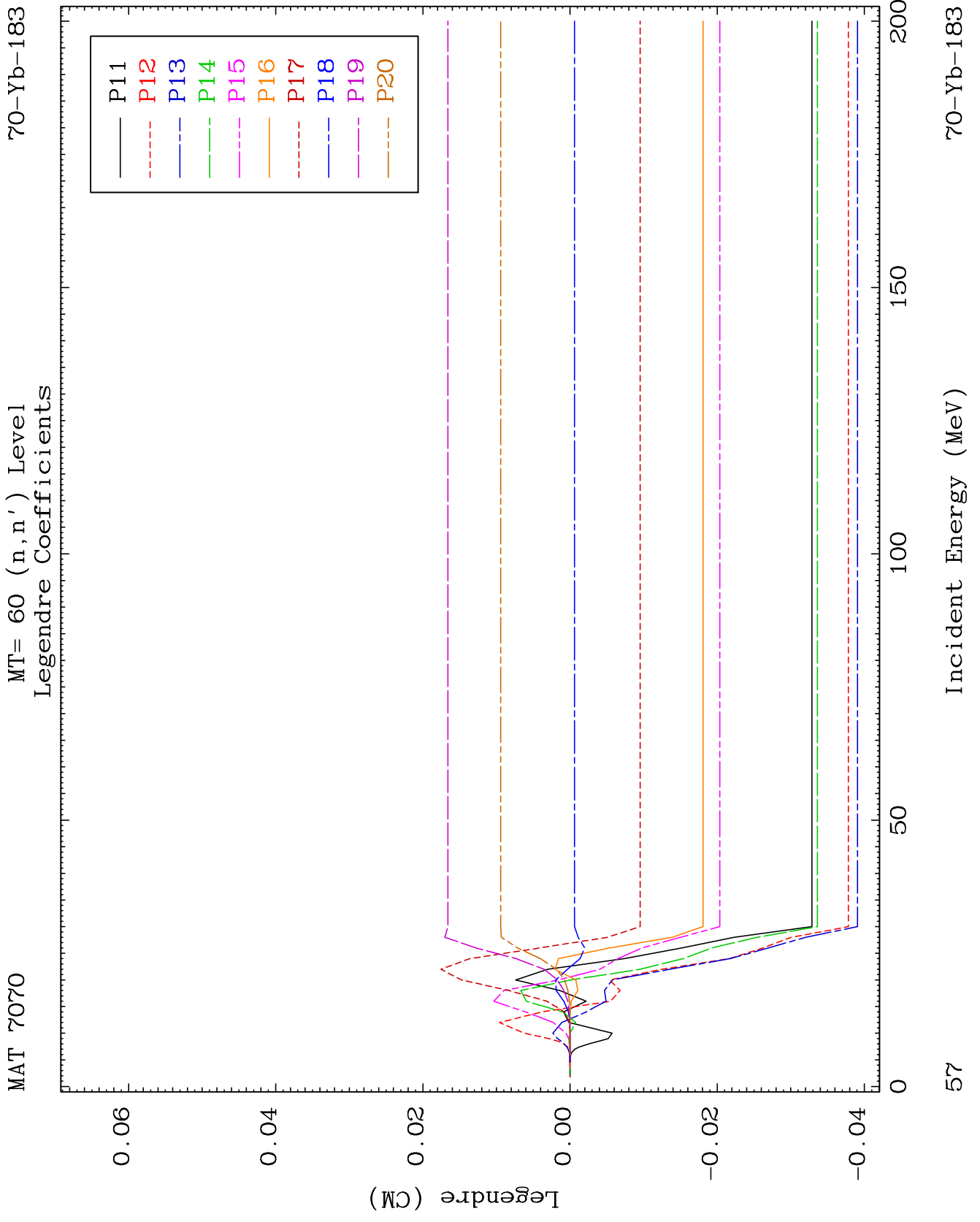
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MAT 7070

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

70-Yb-183

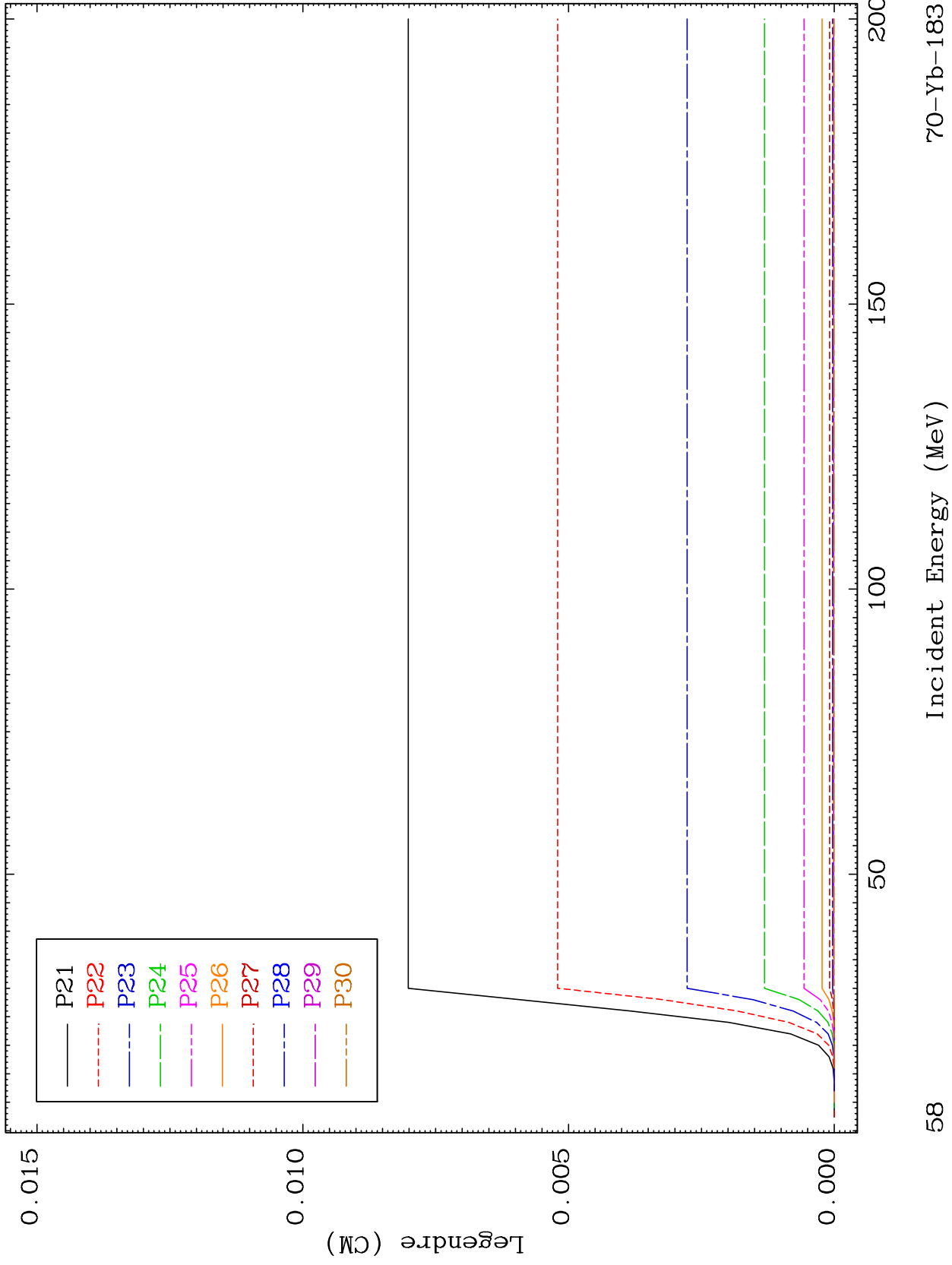




MAT 7070

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

70-Yb-183



58

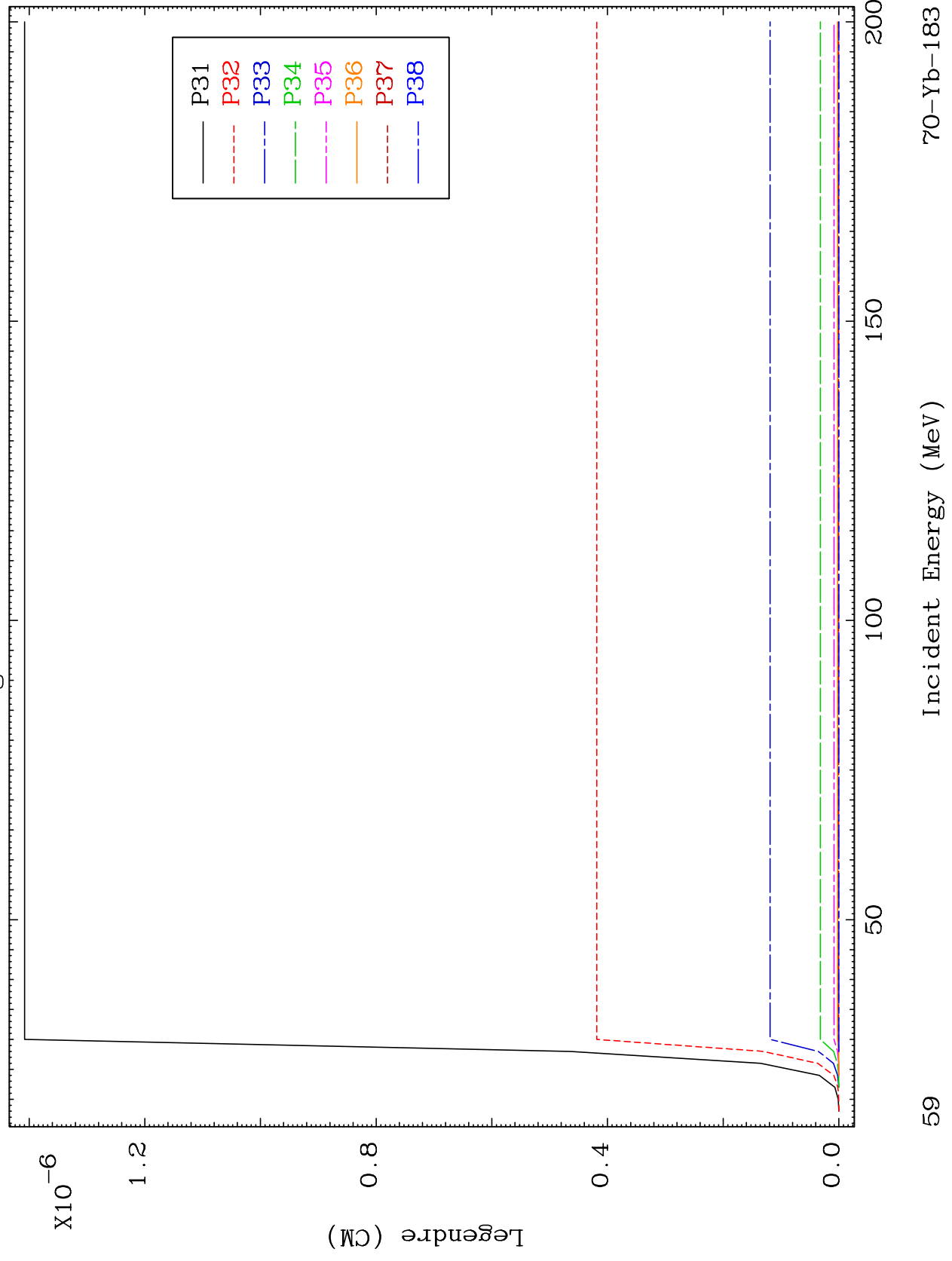
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



70-Yb-183

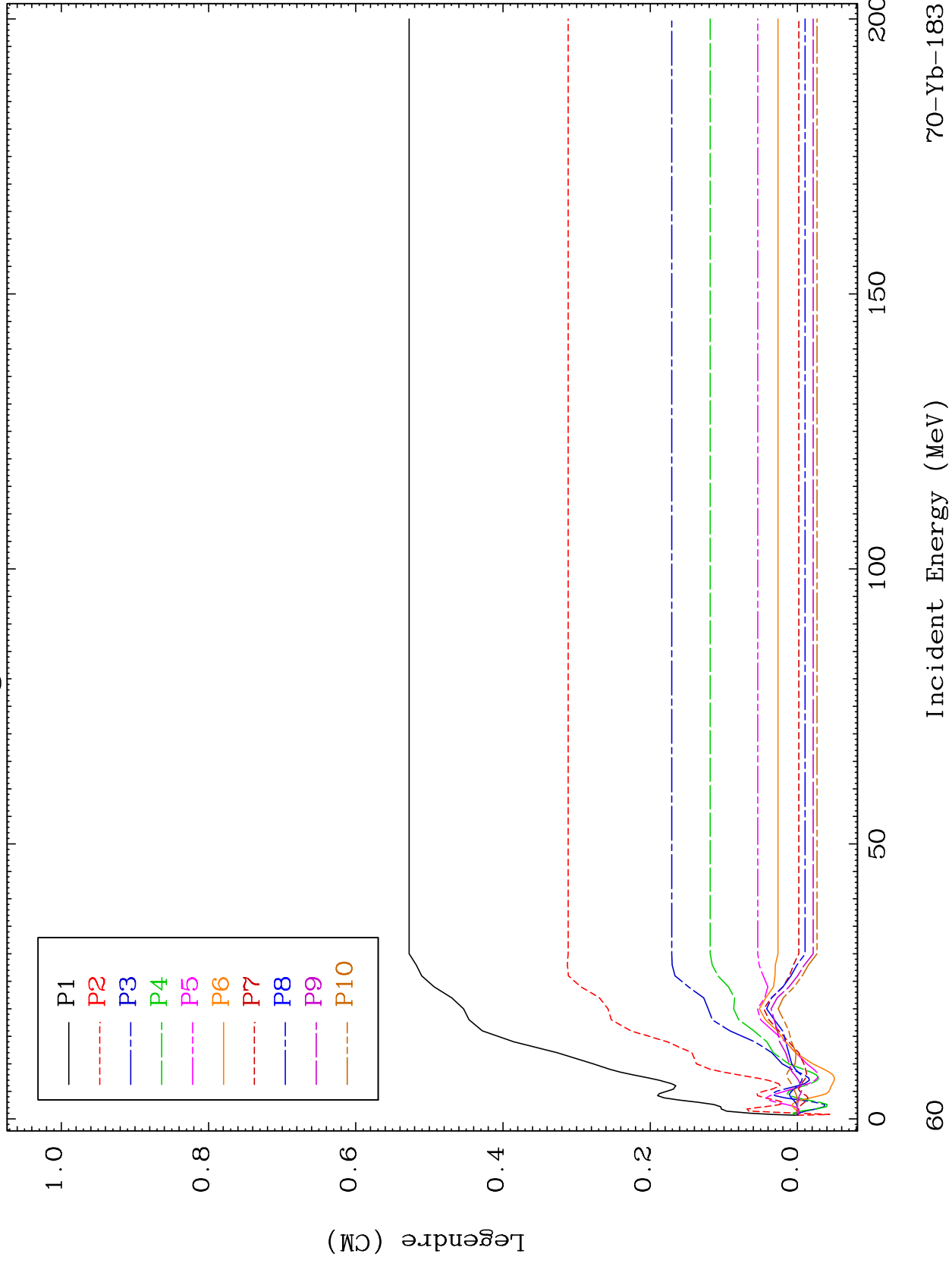
Incident Energy (MeV)

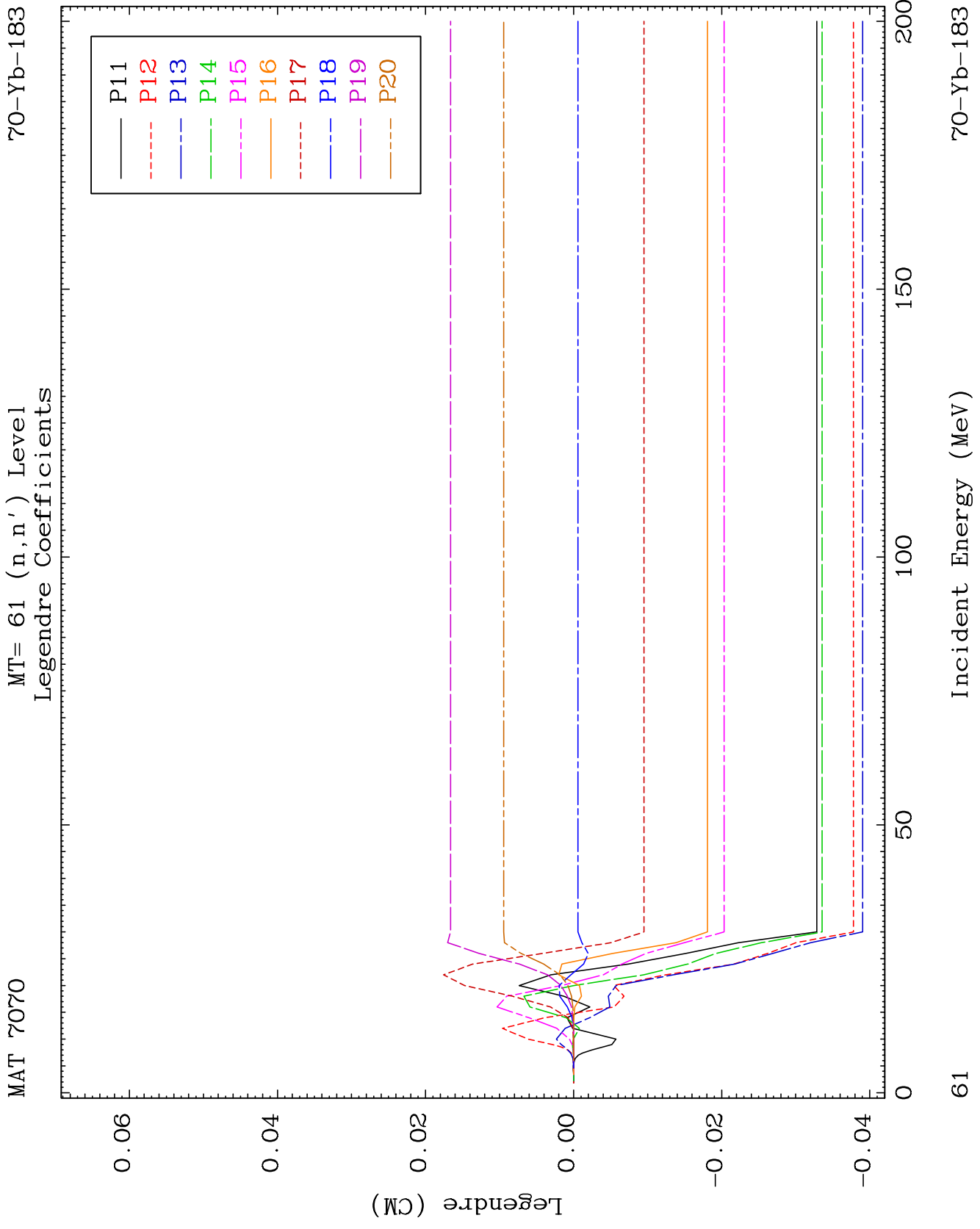
59

MAT 7070

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

70-Yb-183

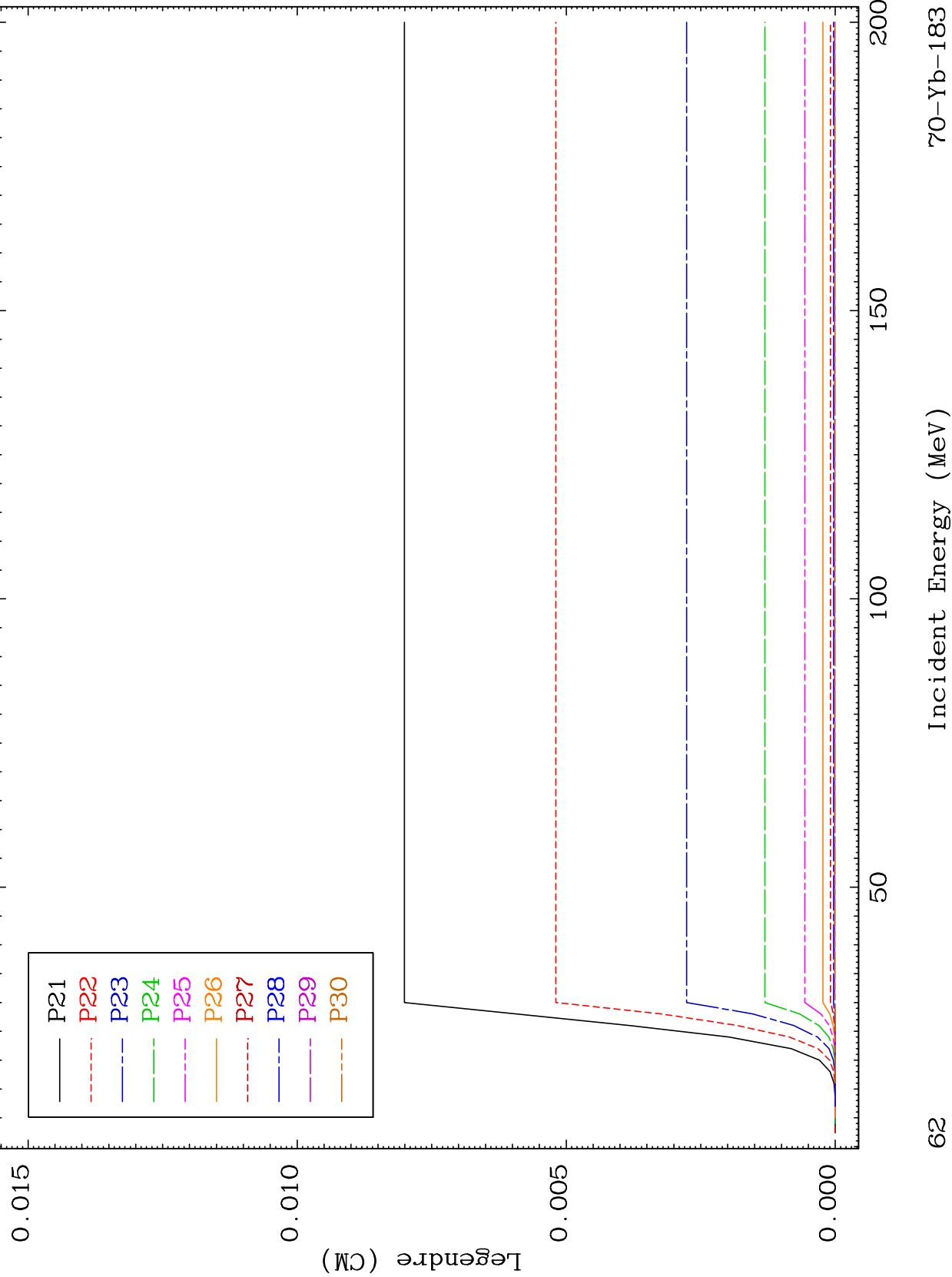




MAT 7070

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

70-Yb-183



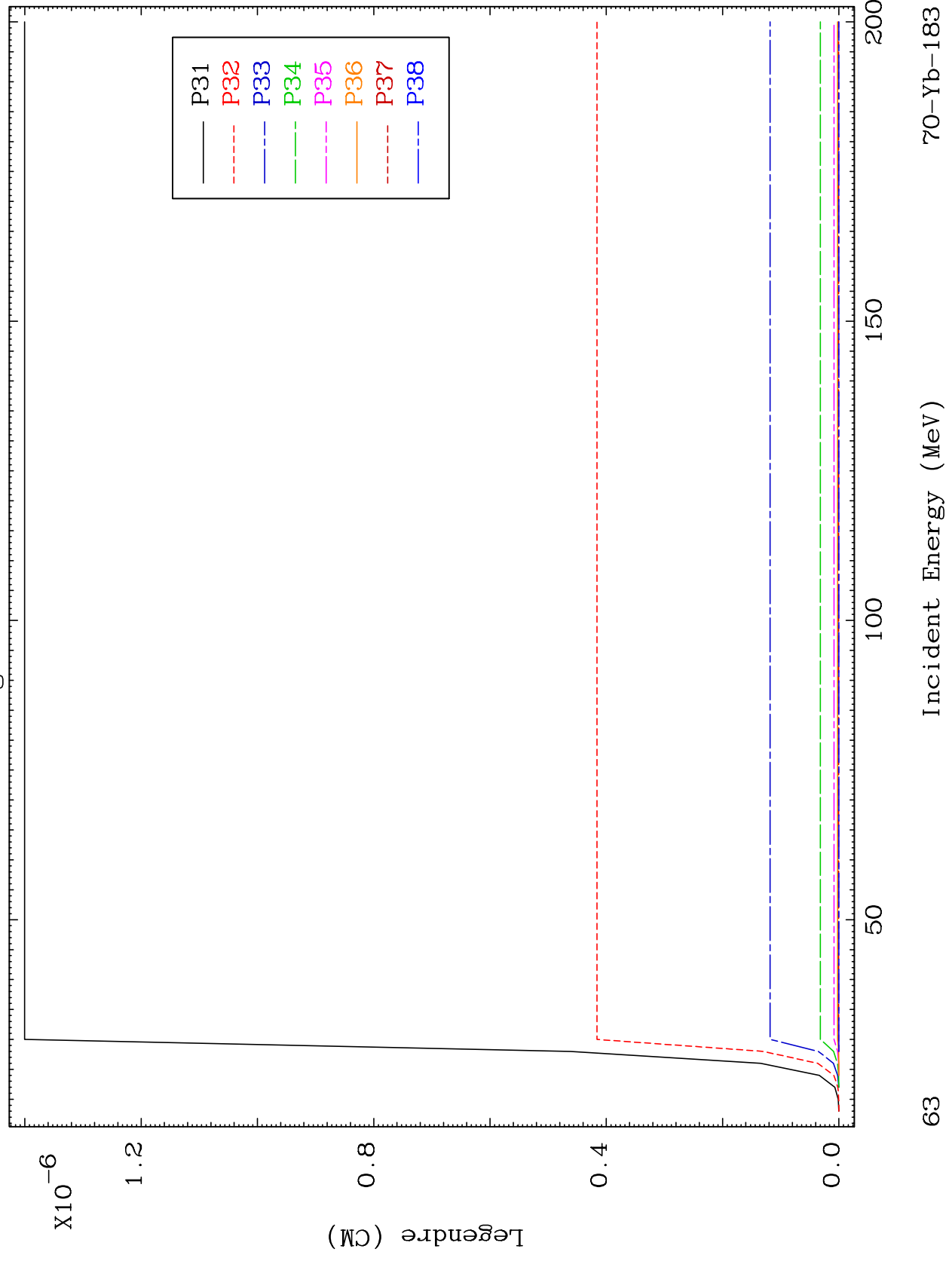
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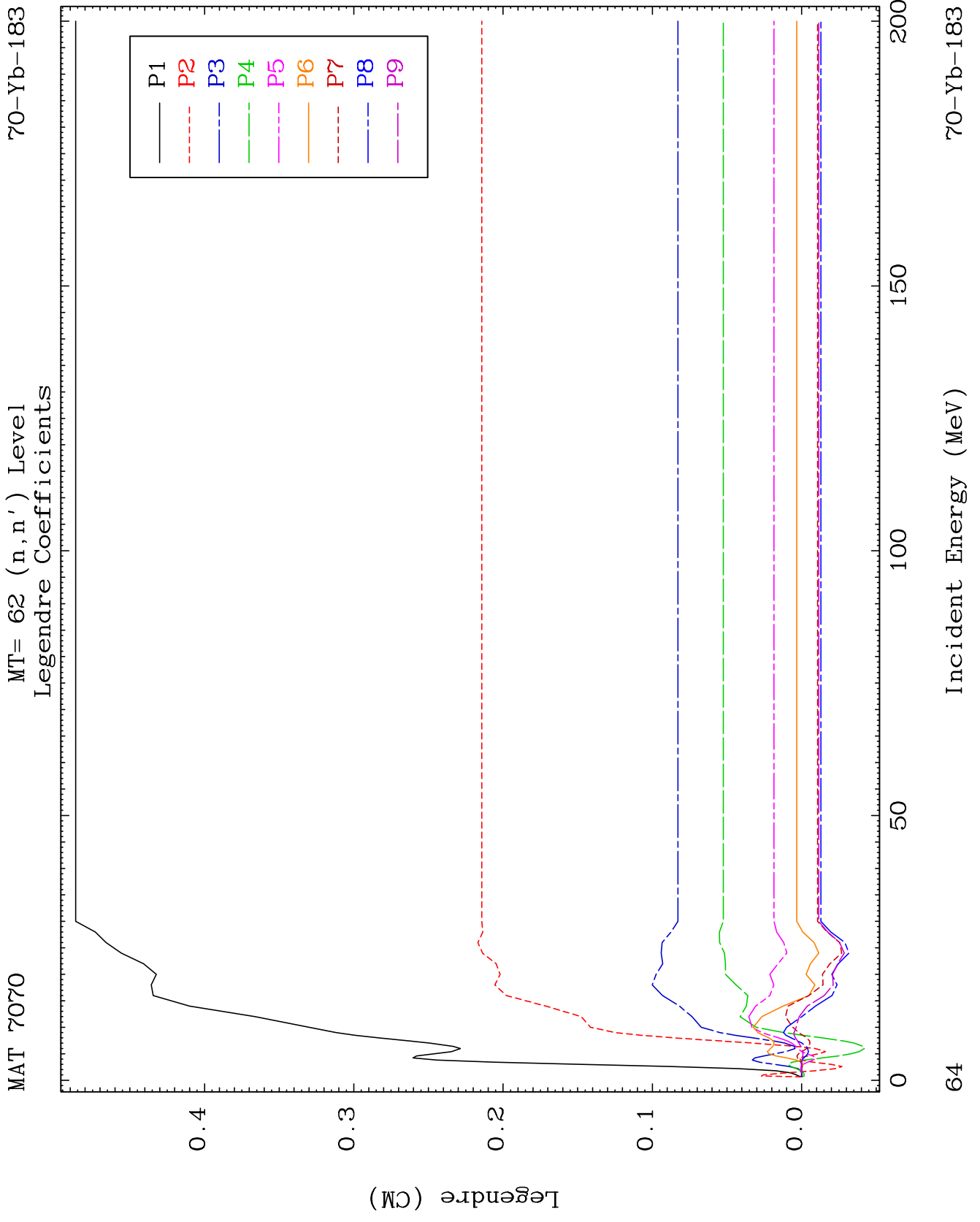
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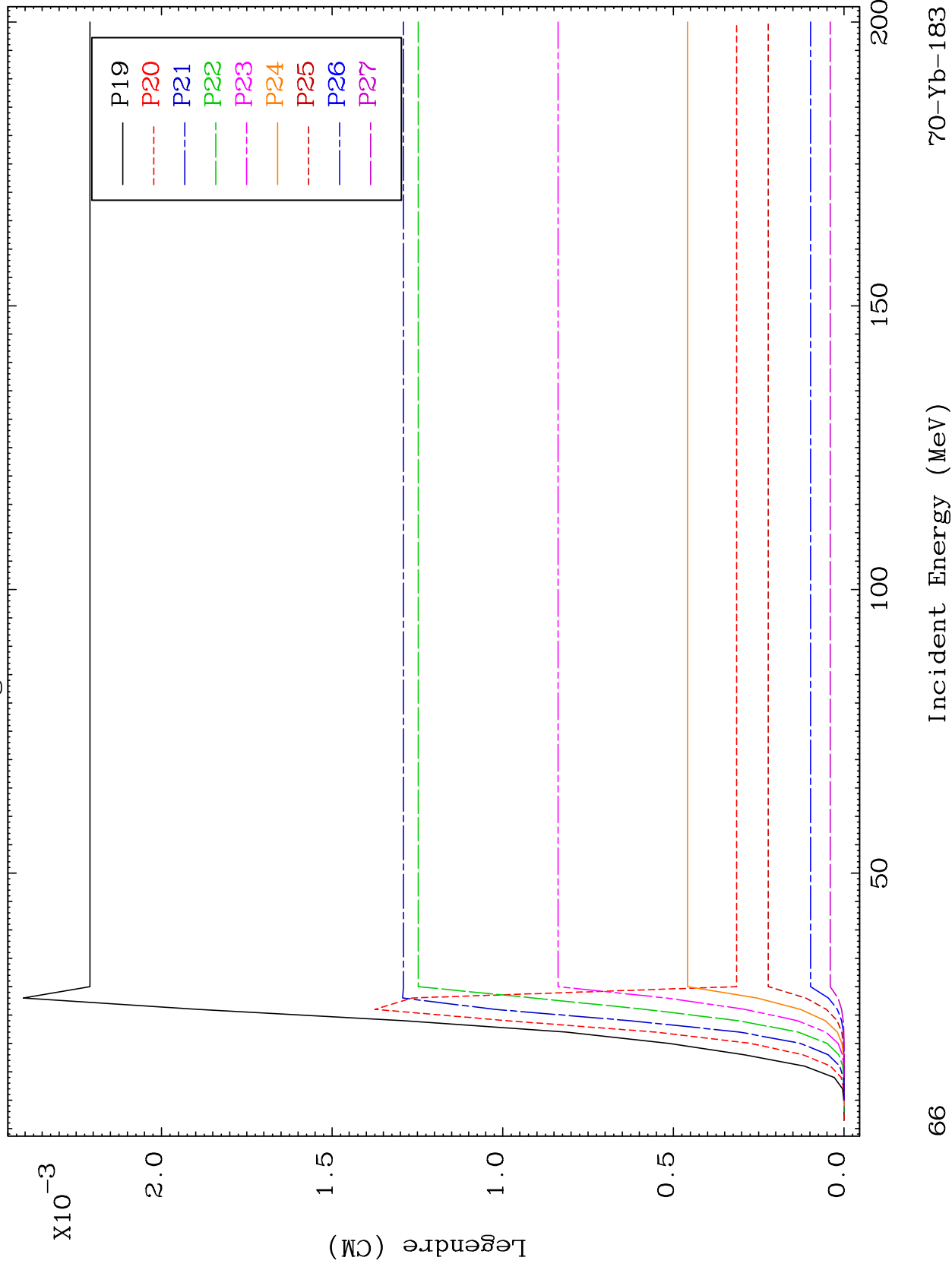
MAT 7070

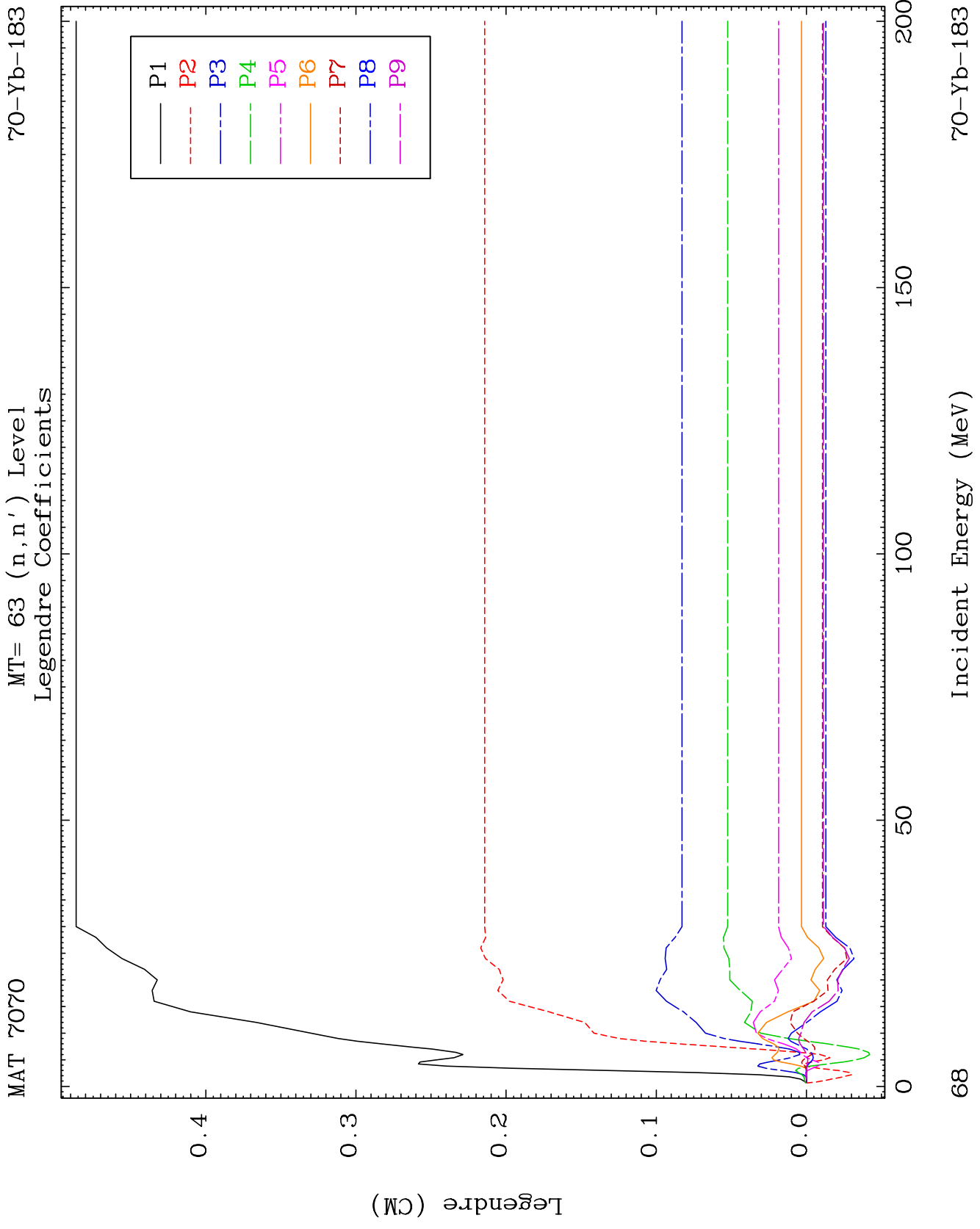
MT= 61 (n,n') Level
Legendre Coefficients

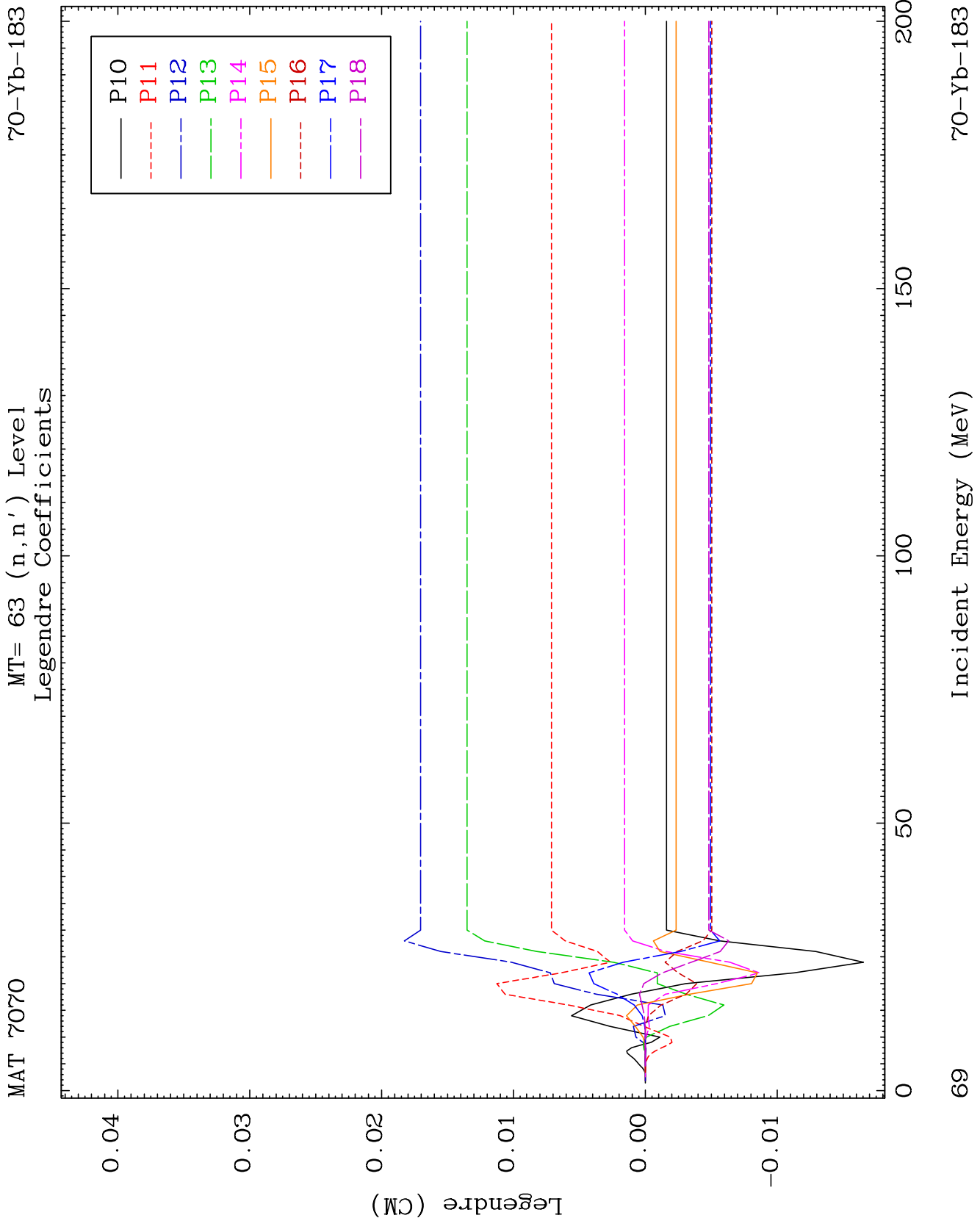
70-Yb-183







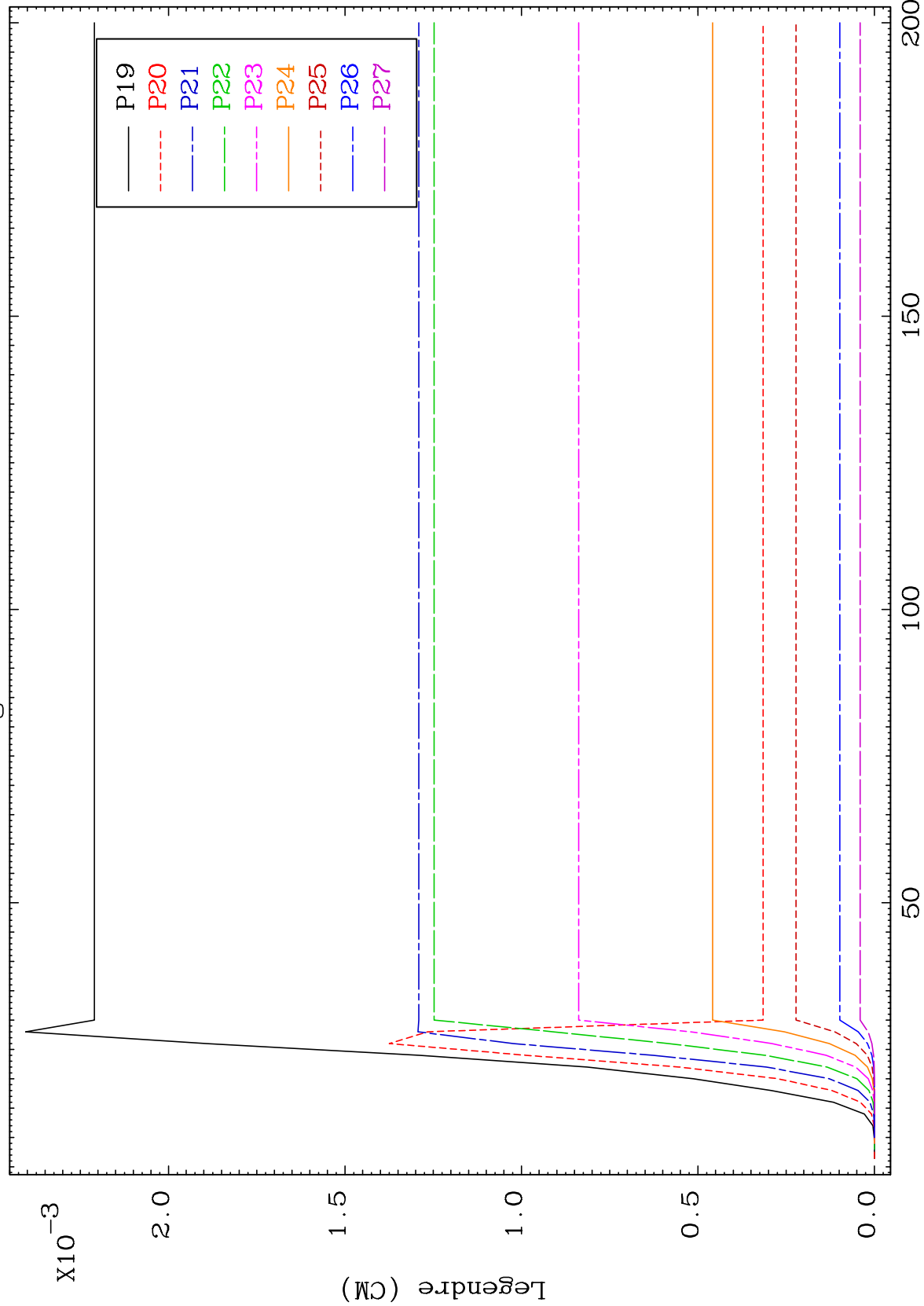




MAT 7070

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

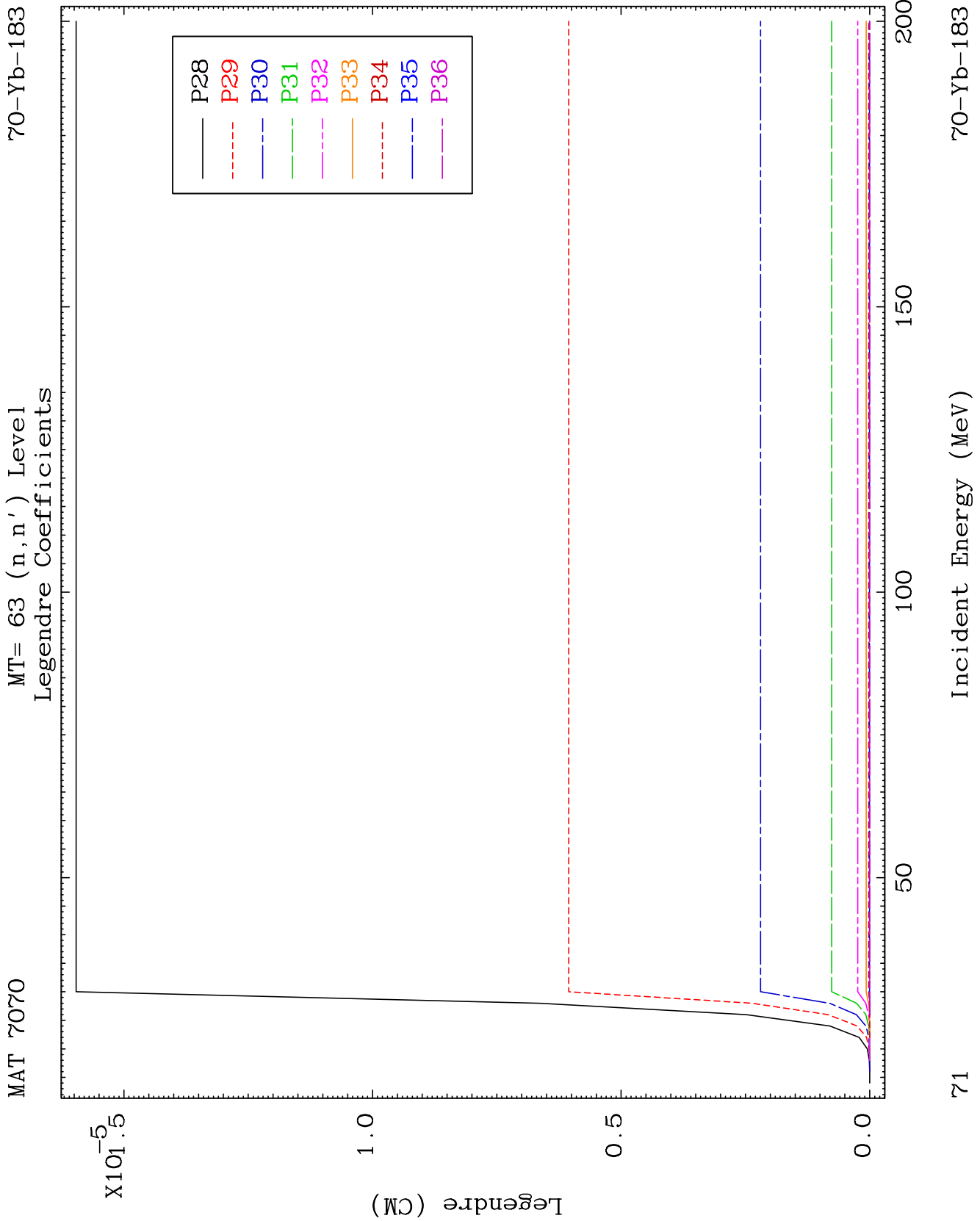
70-Yb-183



70

Incident Energy (MeV)

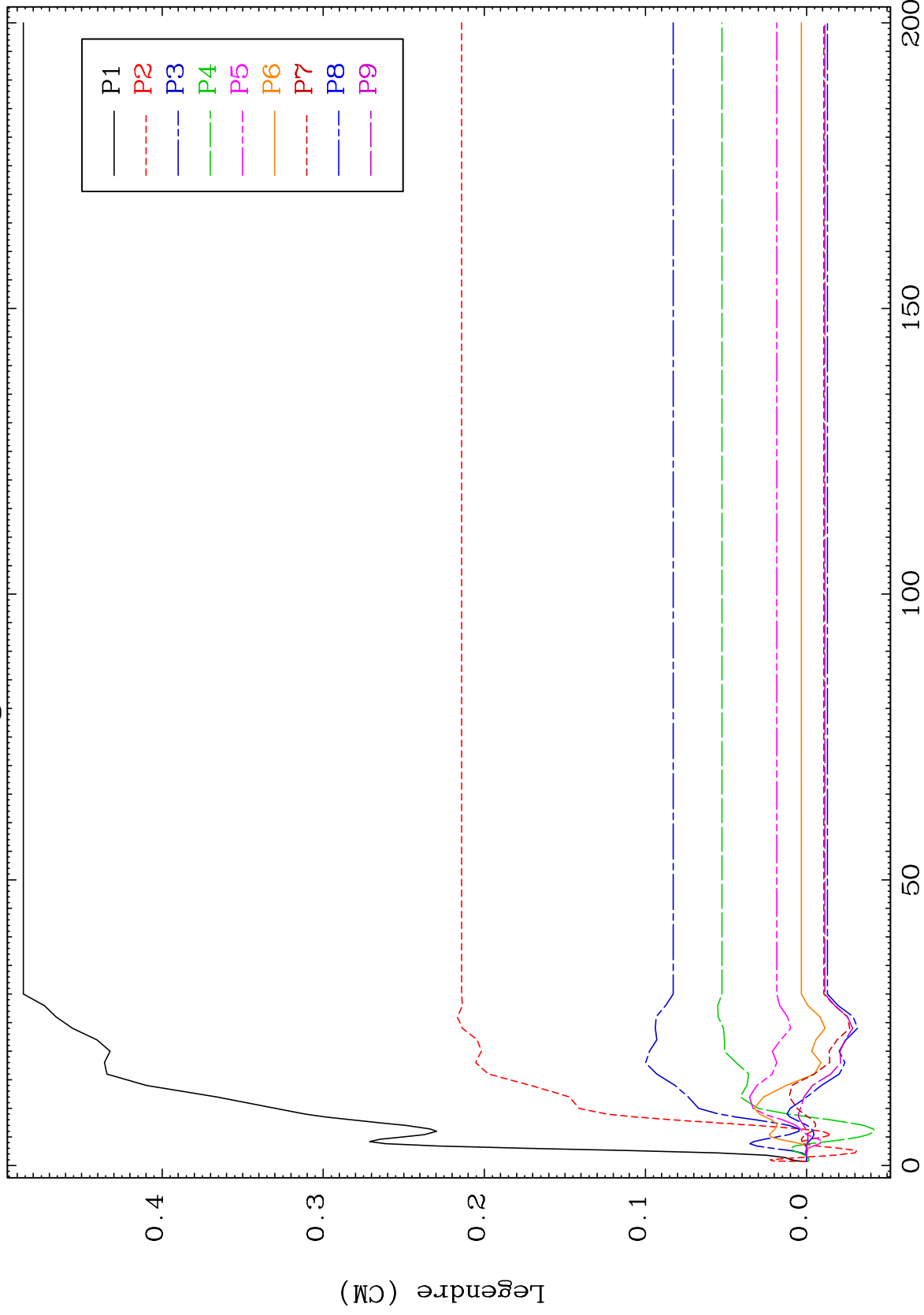
70-Yb-183



MAT 7070

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

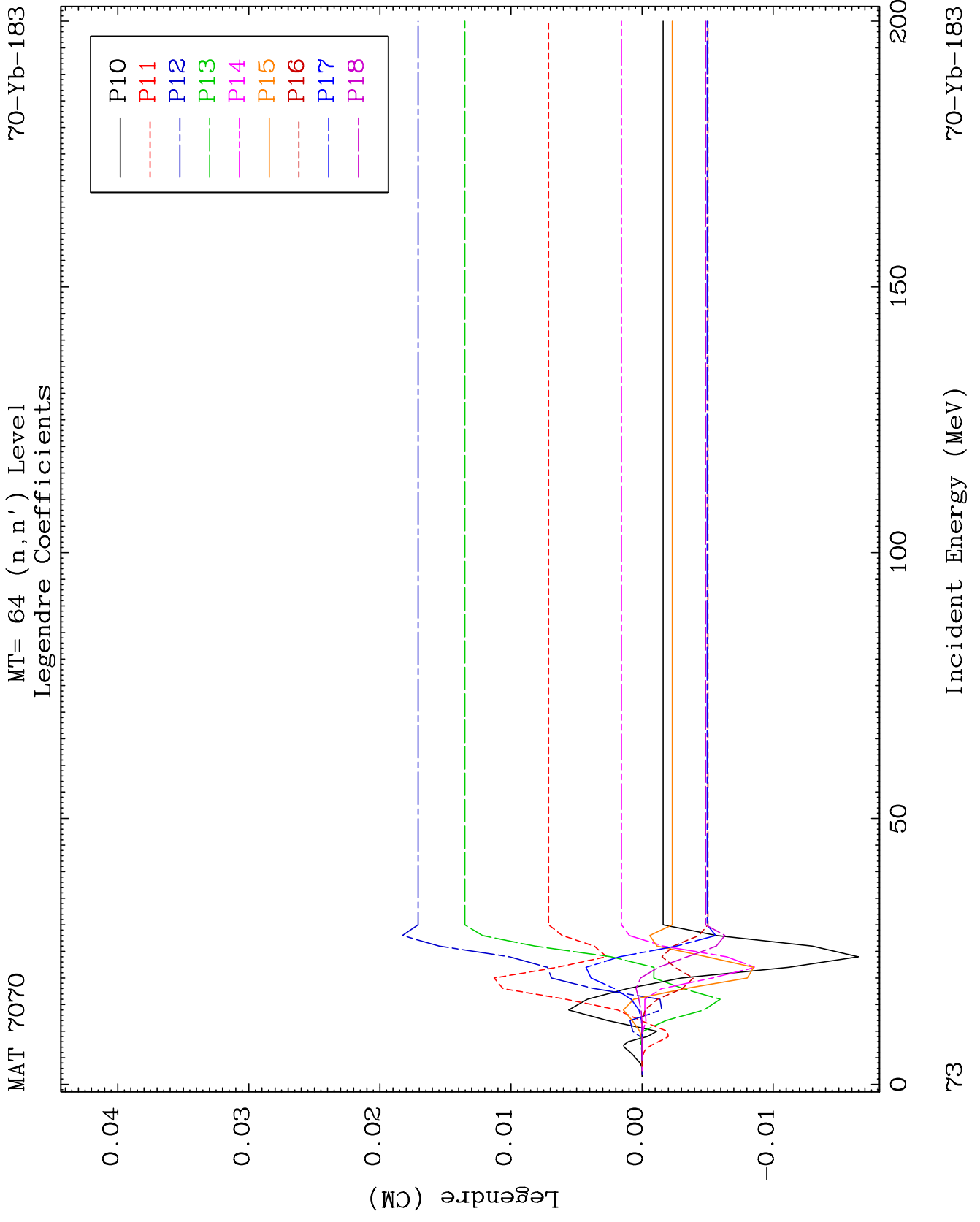
70-Yb-183



72

Incident Energy (MeV)

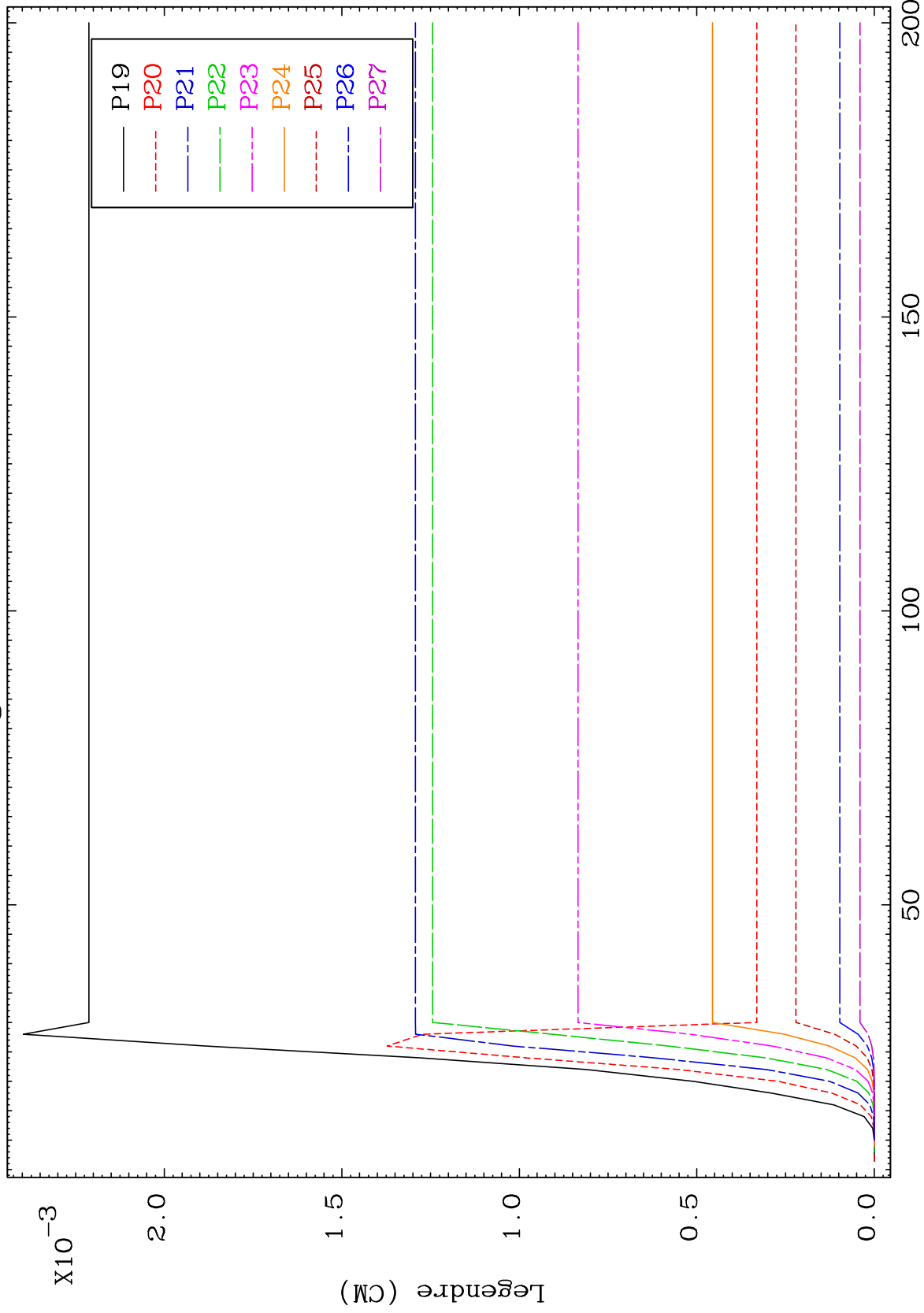
70-Yb-183



MAT 7070

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

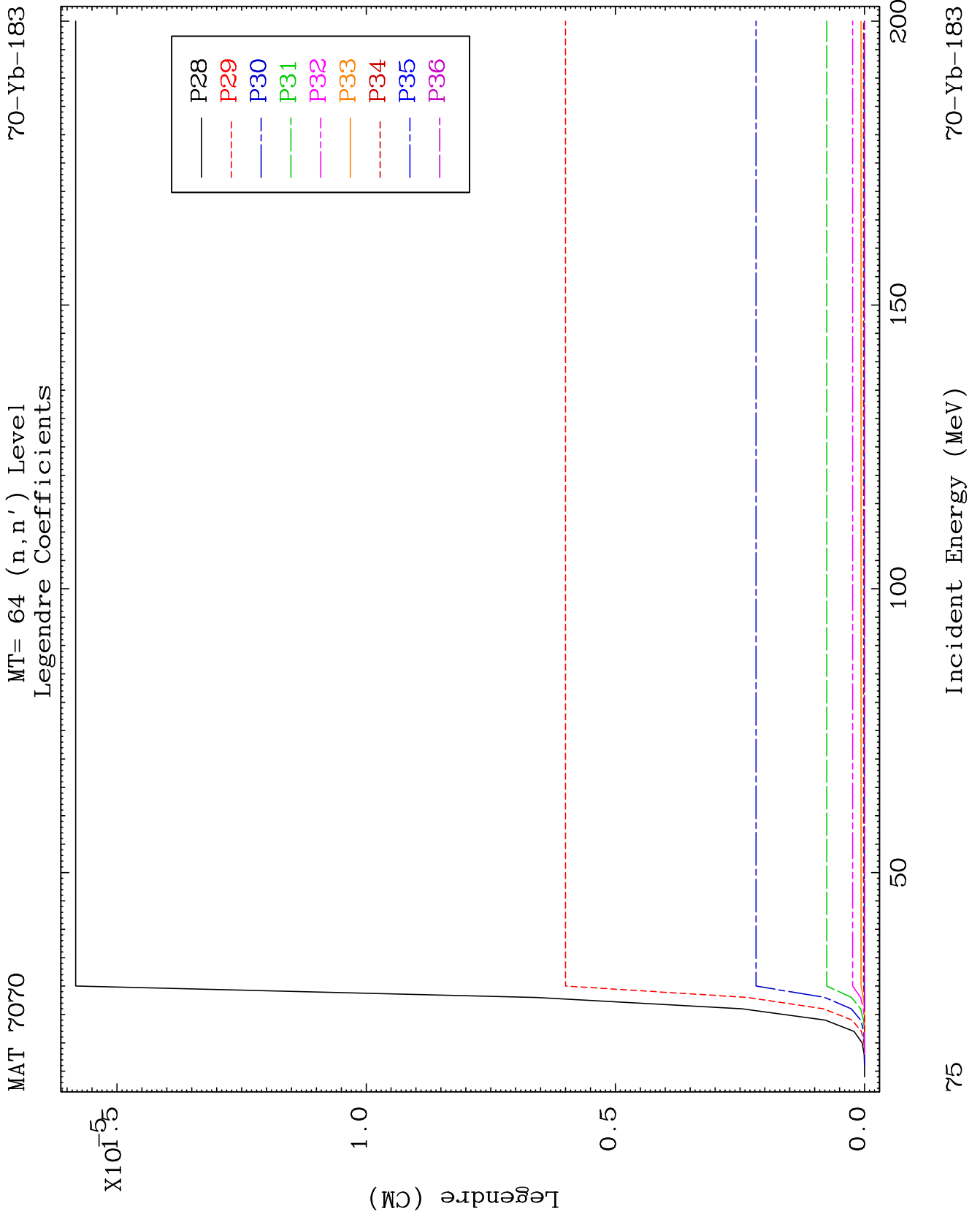
70-Yb-183

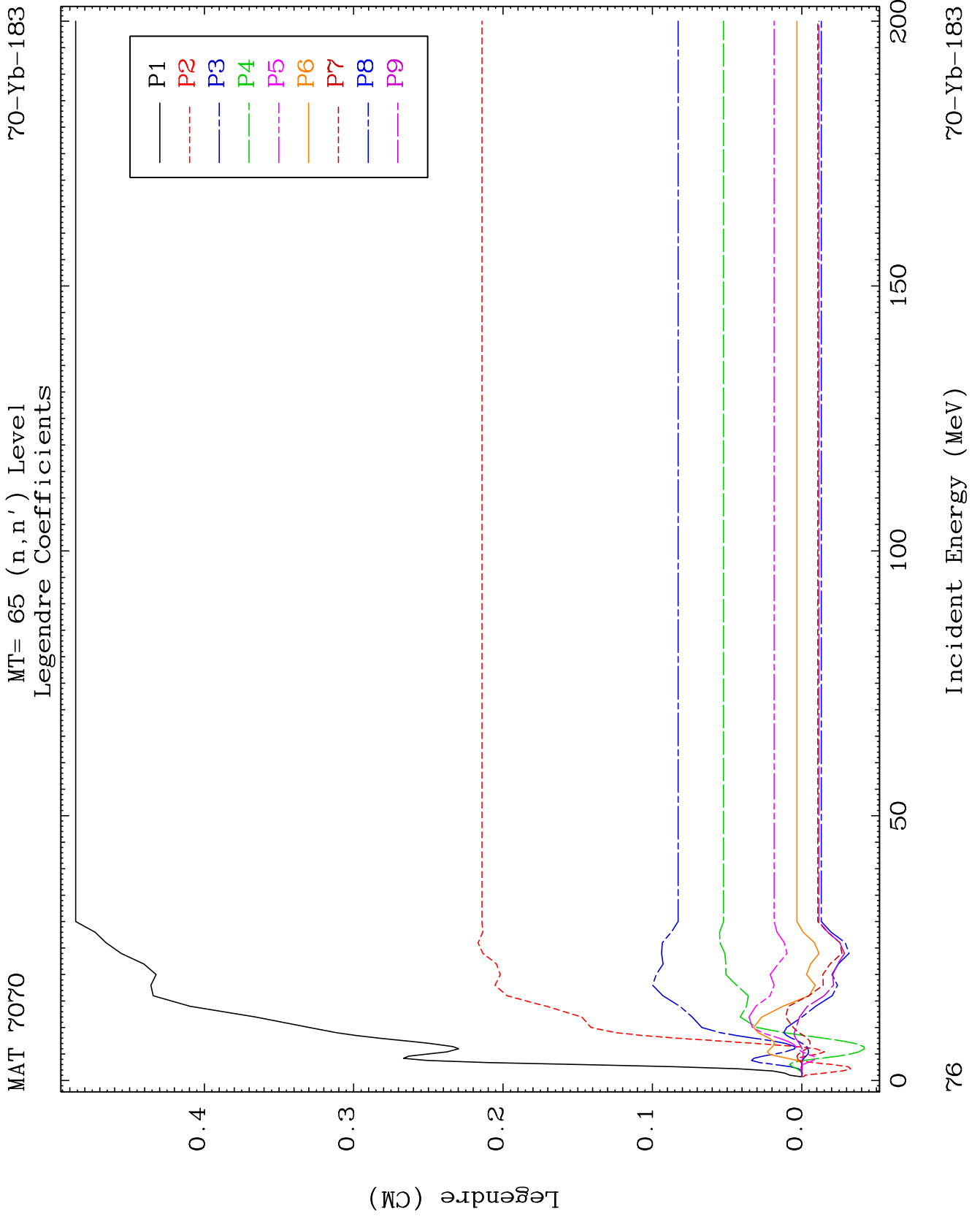


74

Incident Energy (MeV)

70-Yb-183

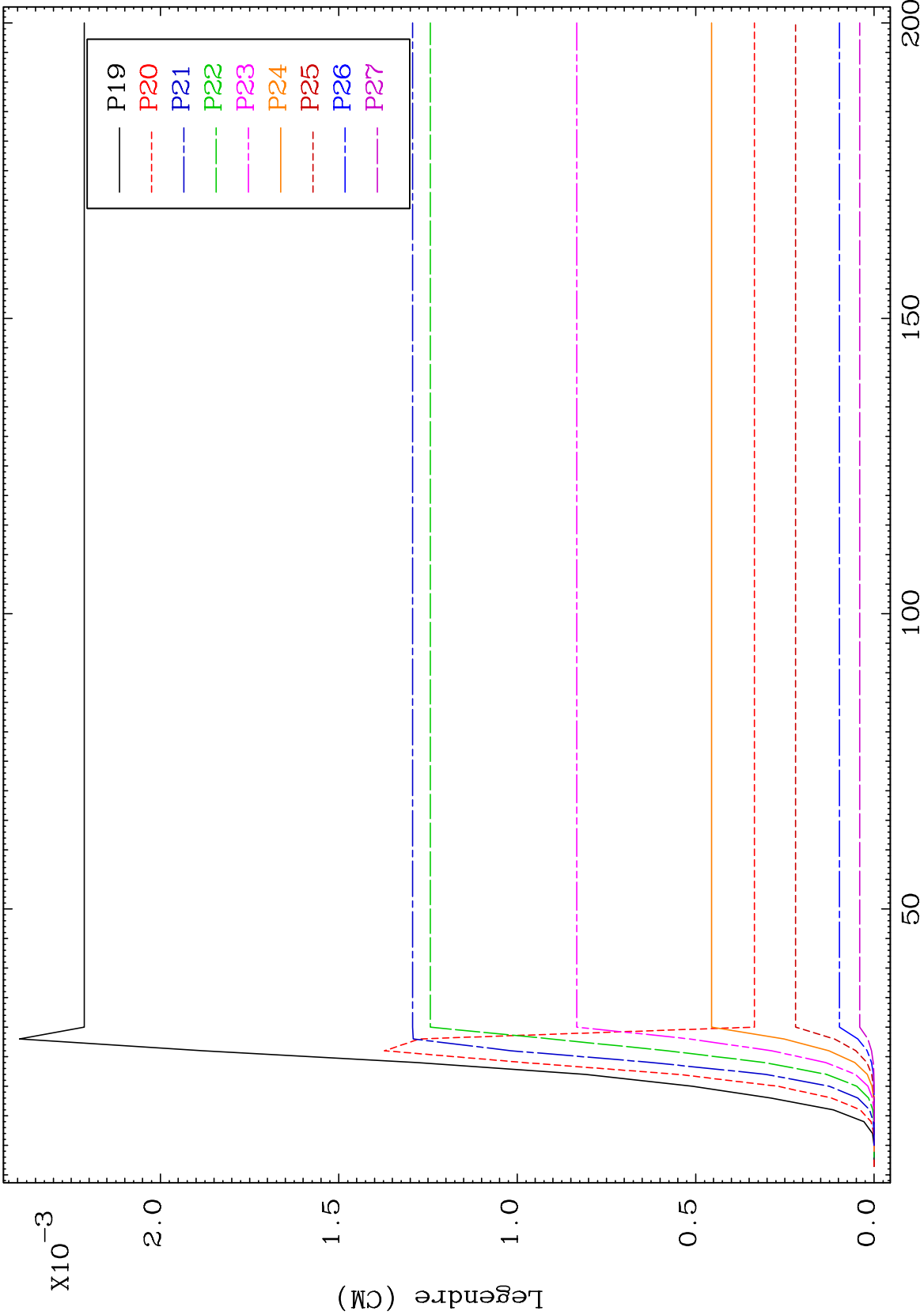




MAT 7070

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

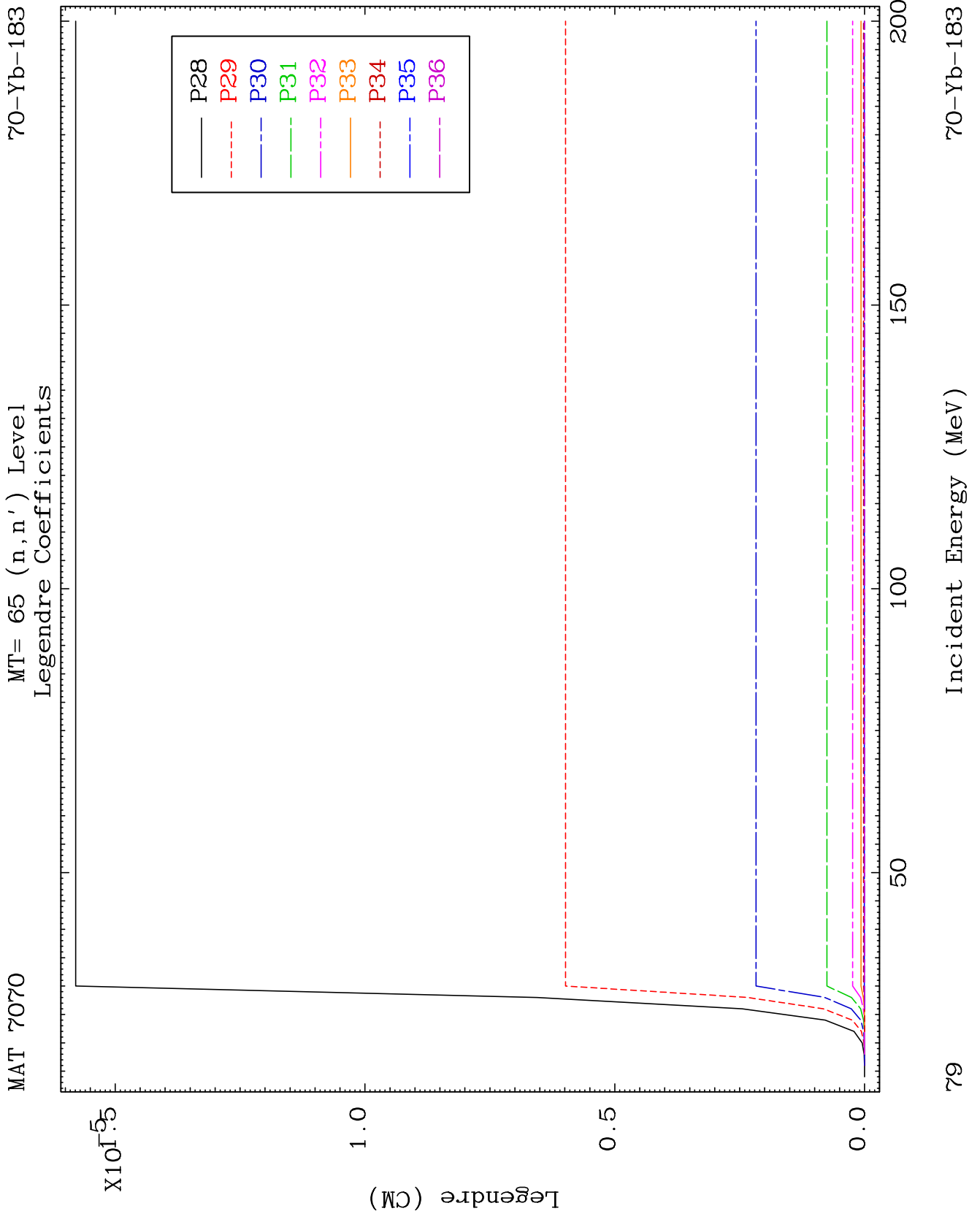
70-Yb-183

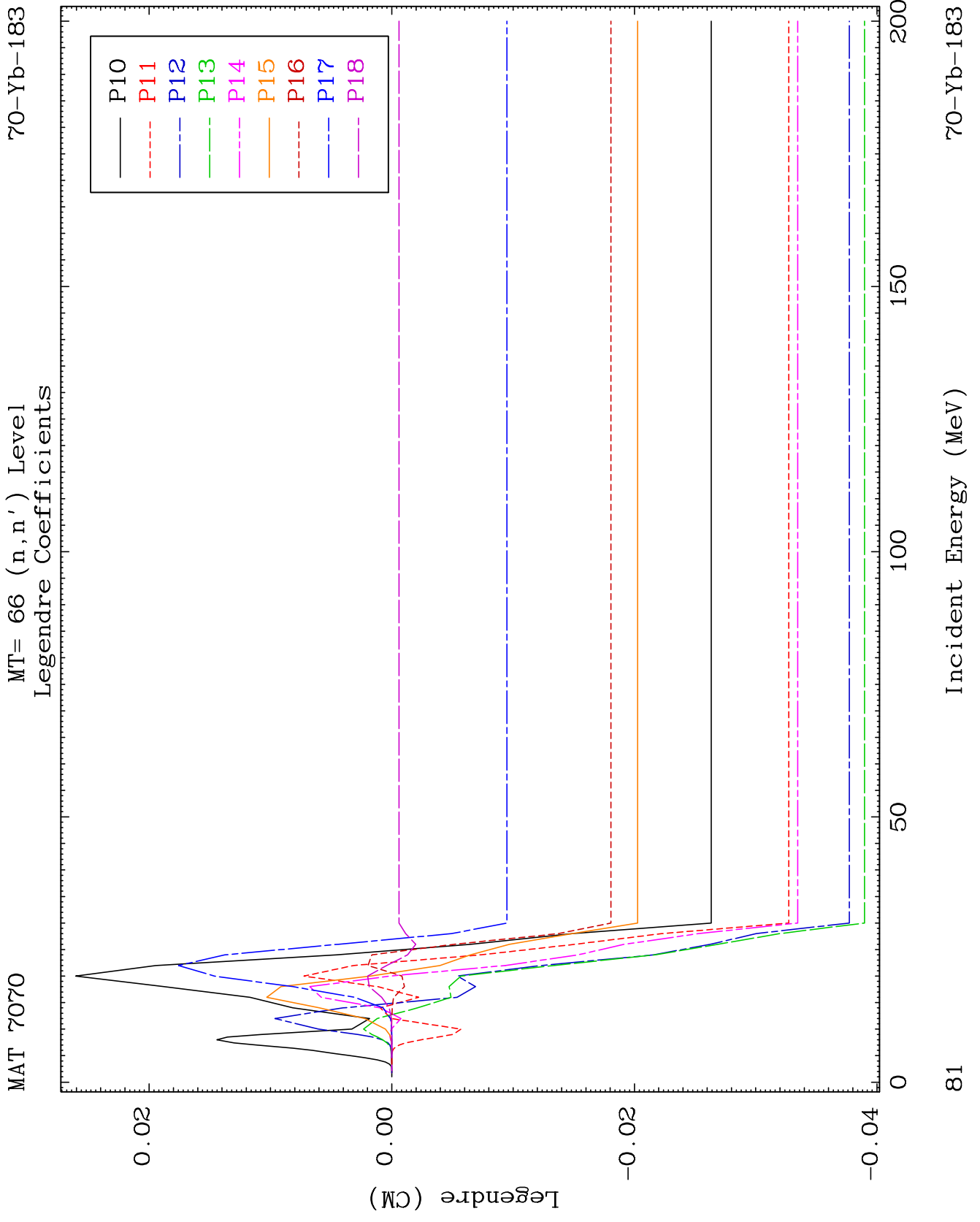


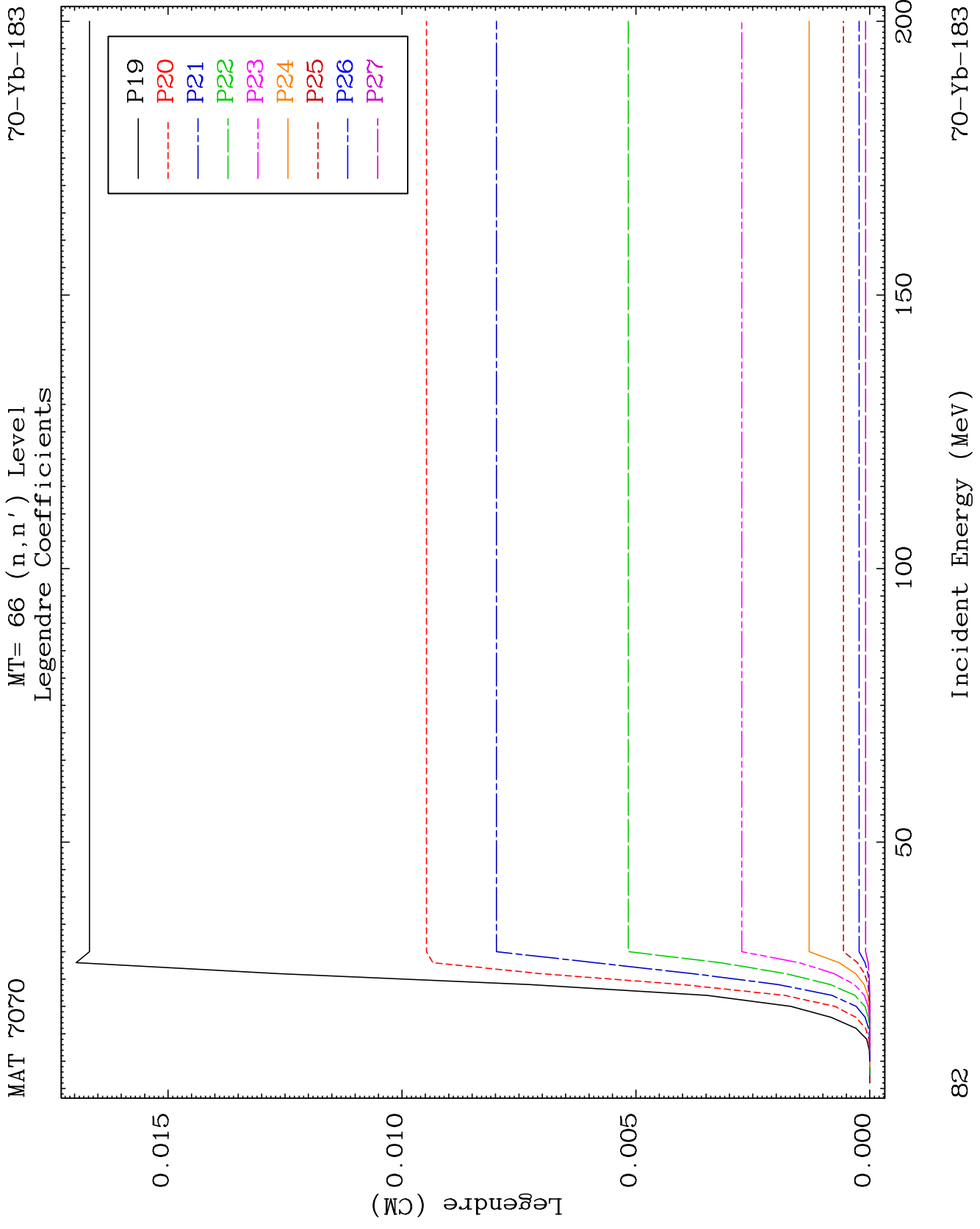
78

Incident Energy (MeV)

70-Yb-183



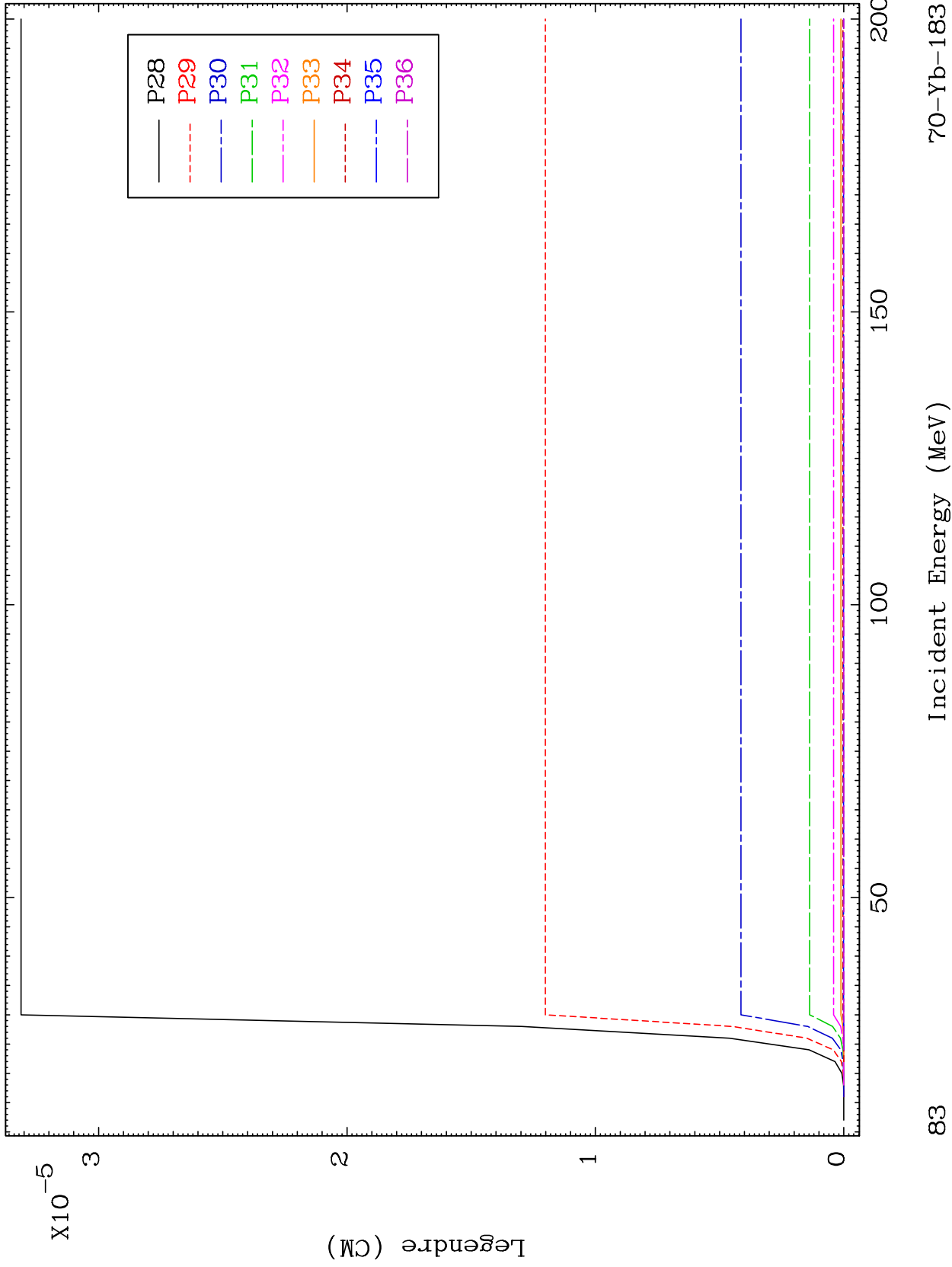




MAT 7070

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

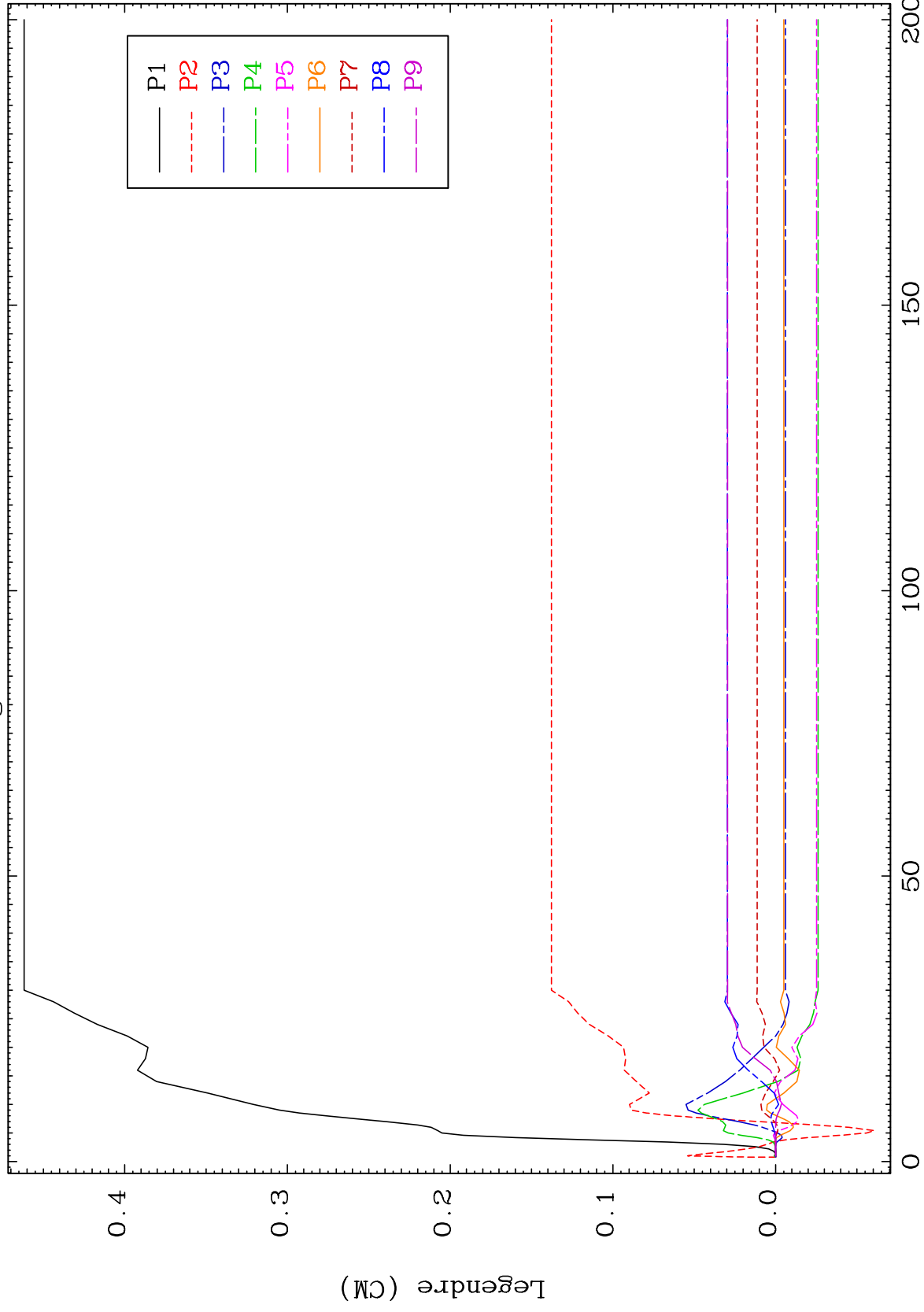
70-Yb-183



MAT 7070

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

70-Yb-183



84

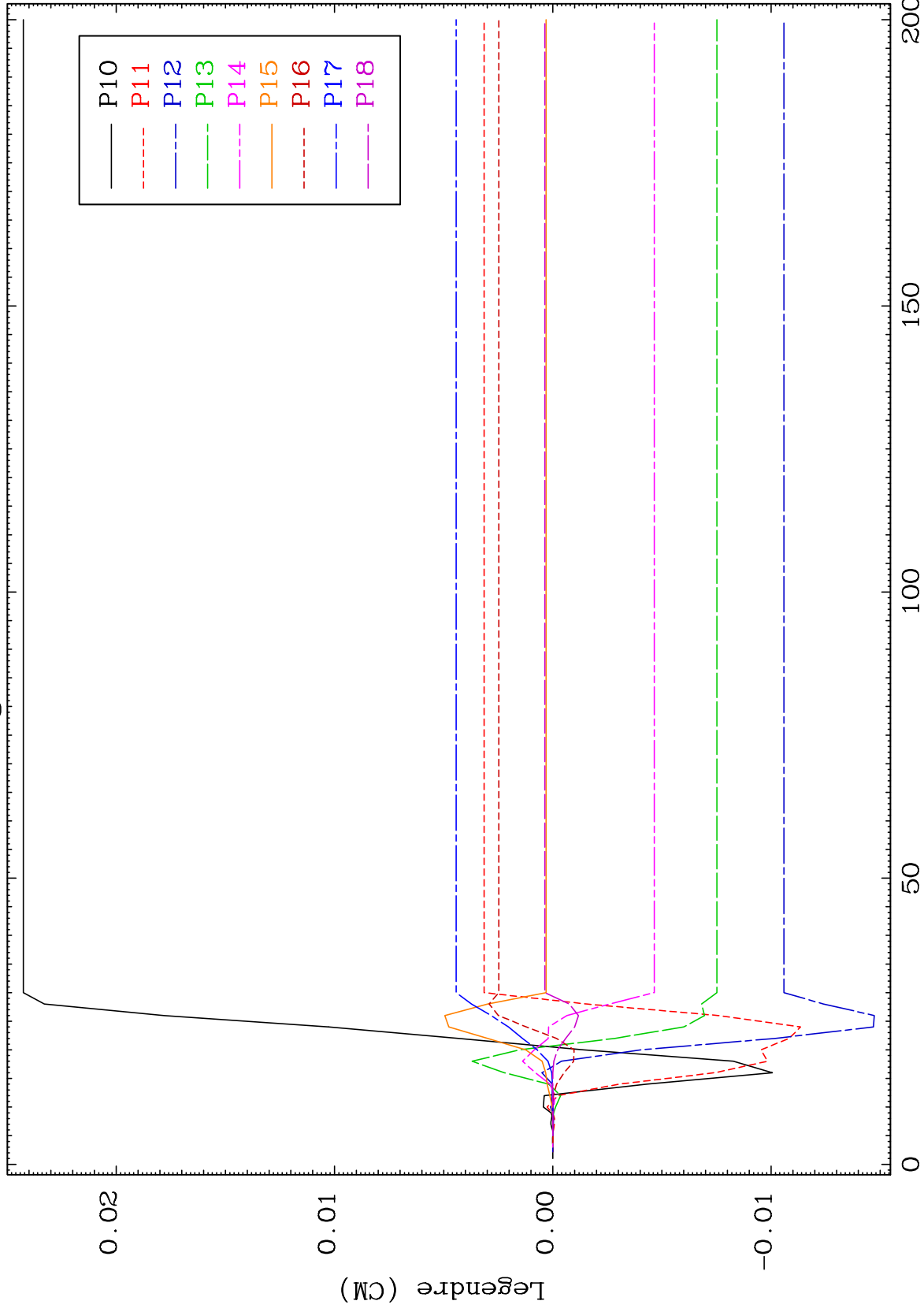
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



85

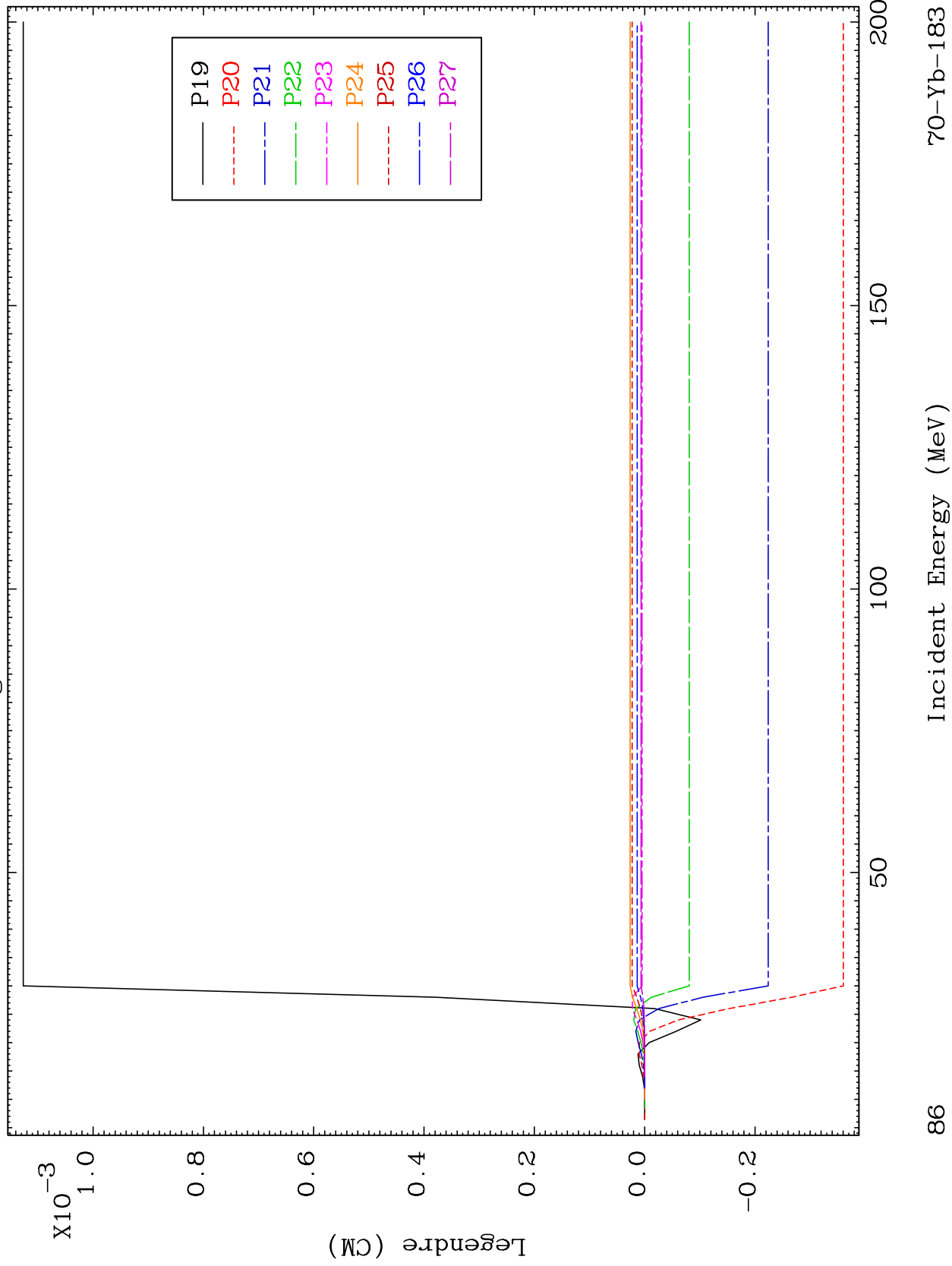
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

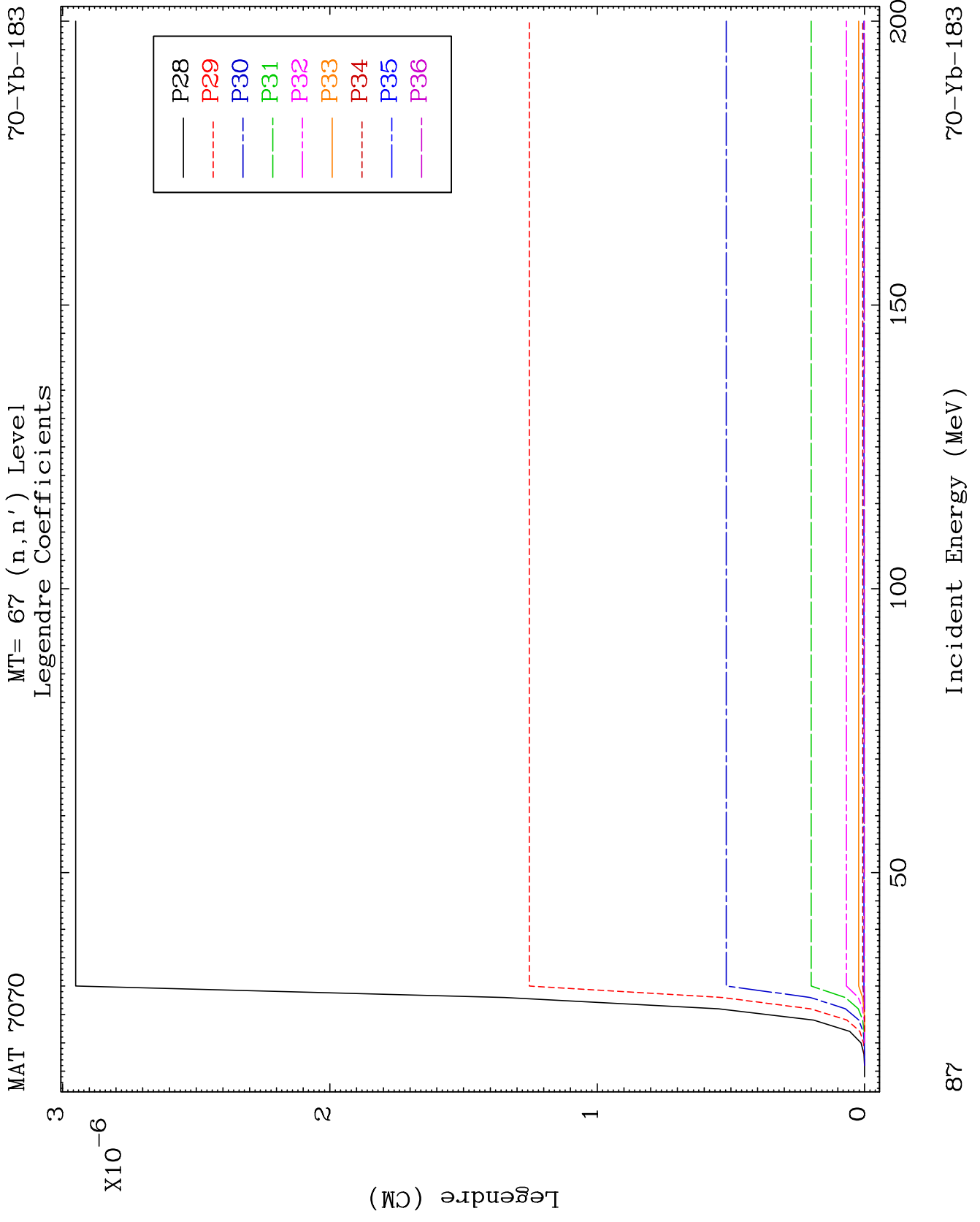
70-Yb-183



86

Incident Energy (MeV)

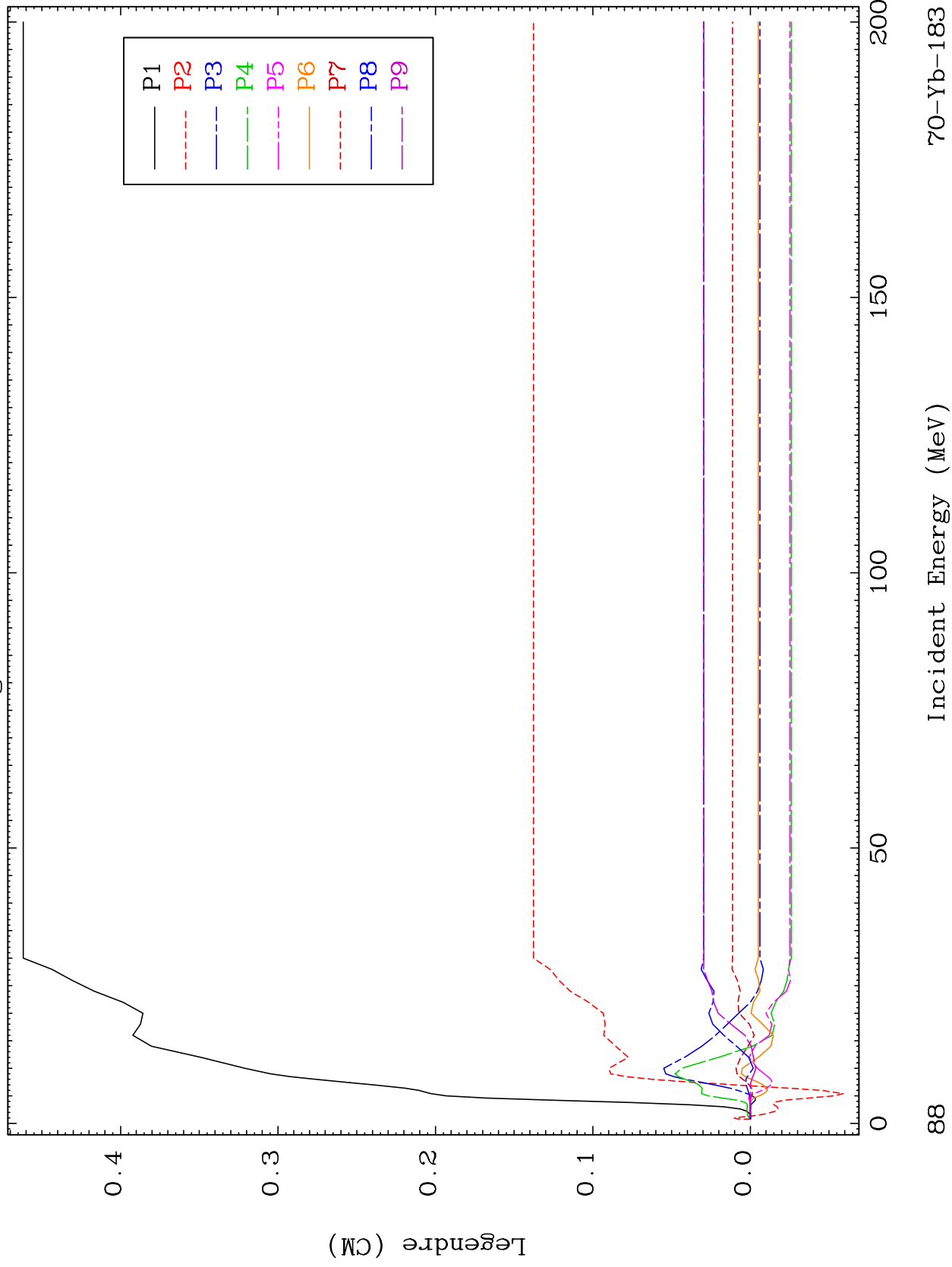
70-Yb-183



MAT 7070

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

70-Yb-183



70-Yb-183

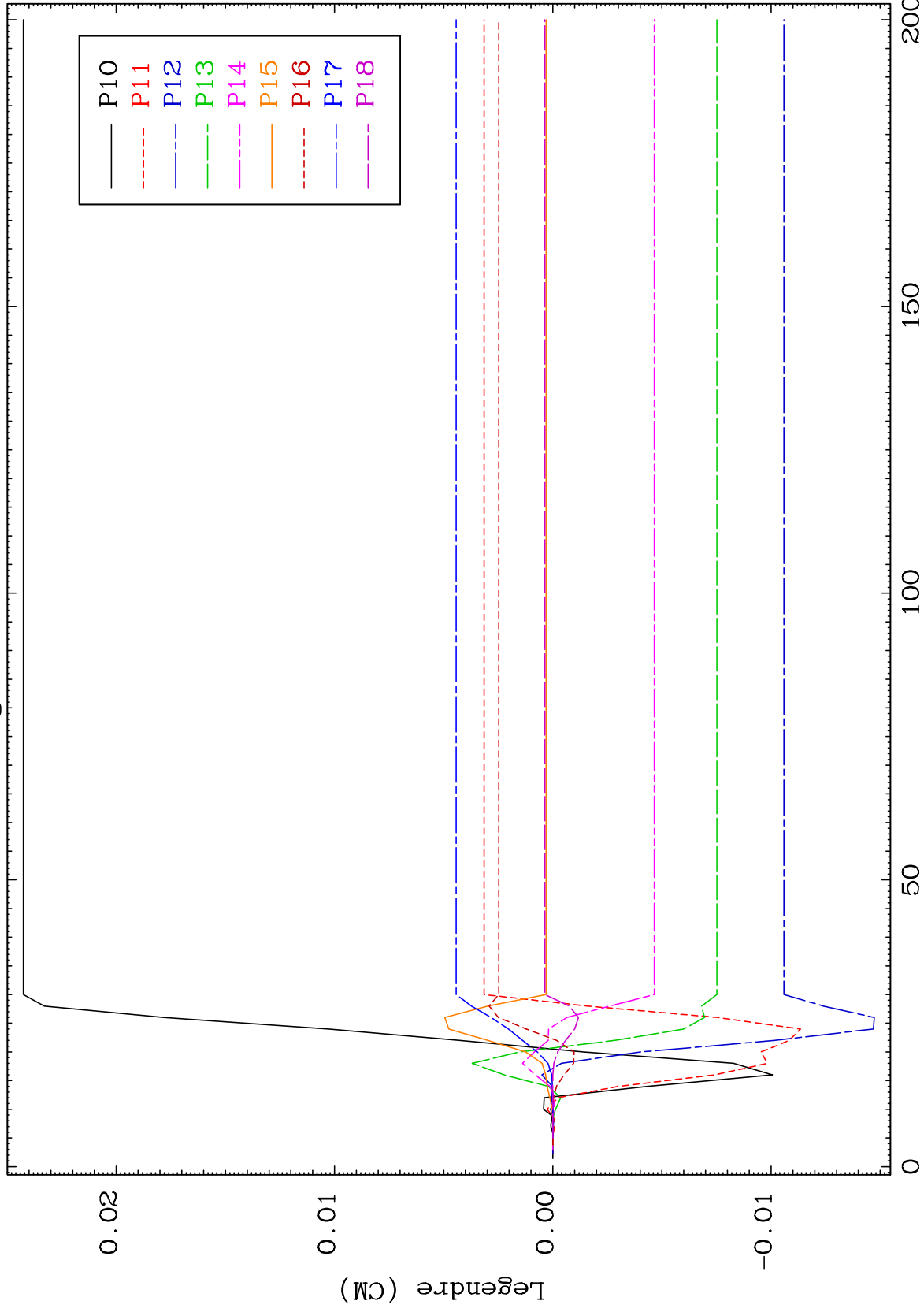
Incident Energy (MeV)

88

MAT 7070

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

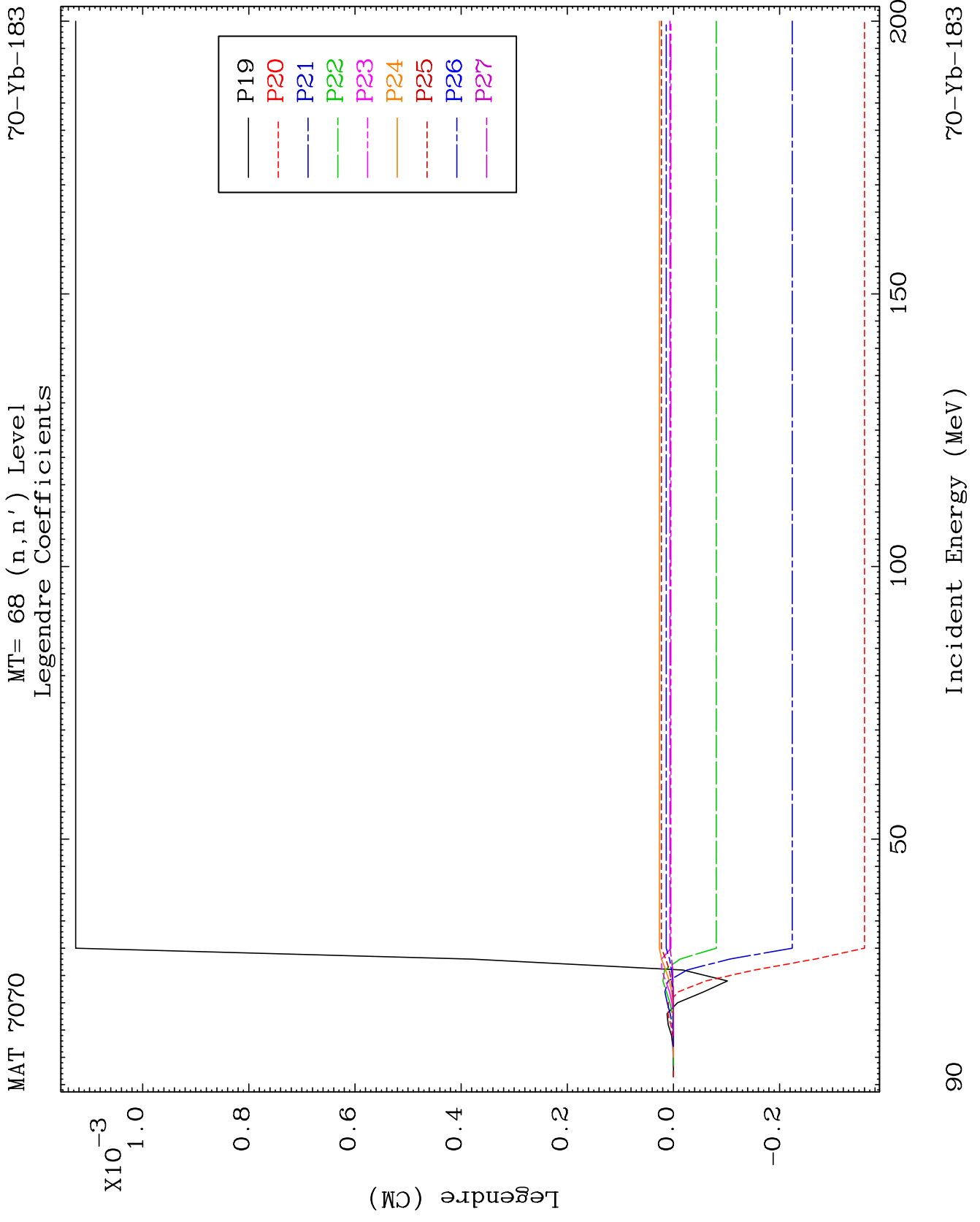
70-Yb-183

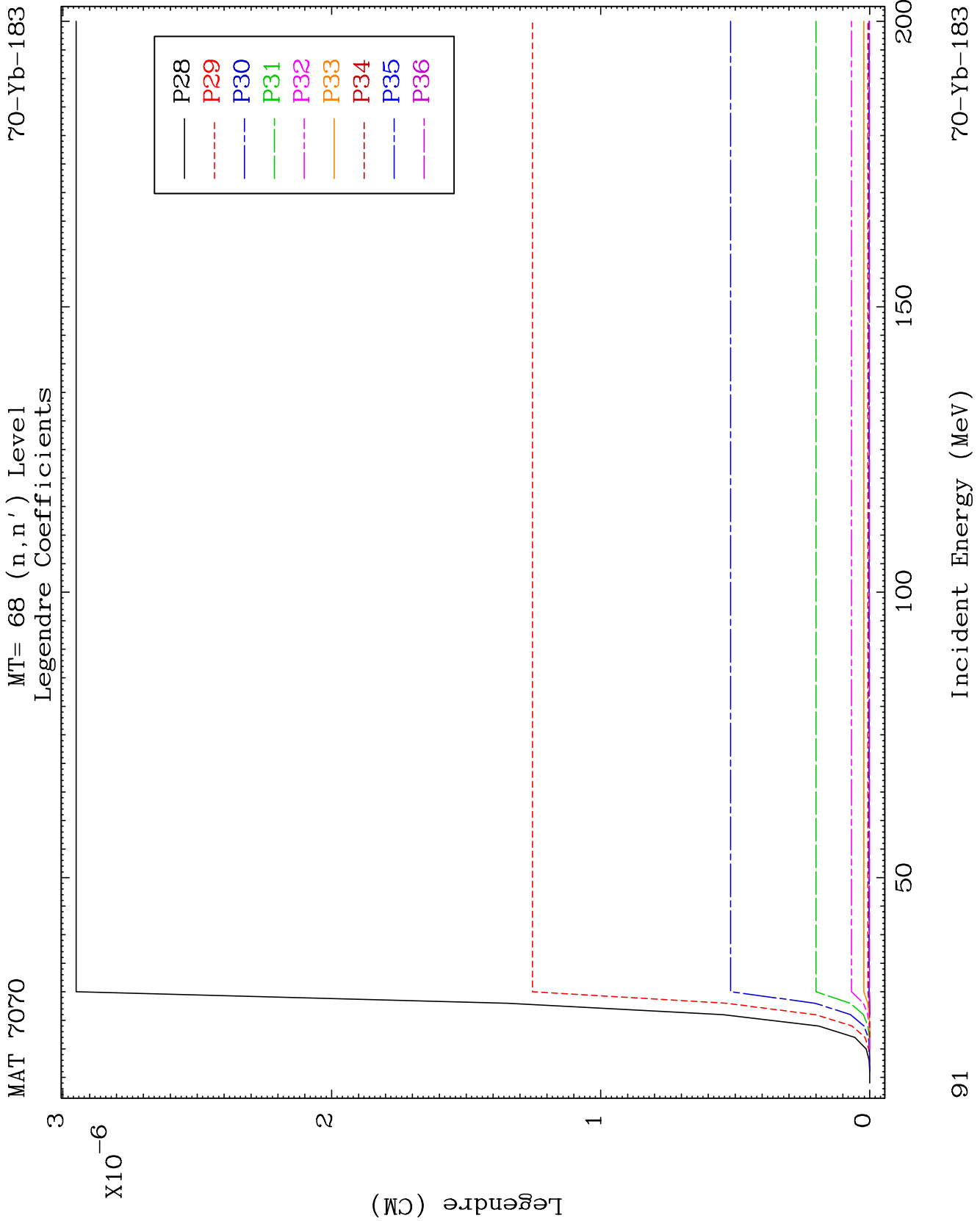


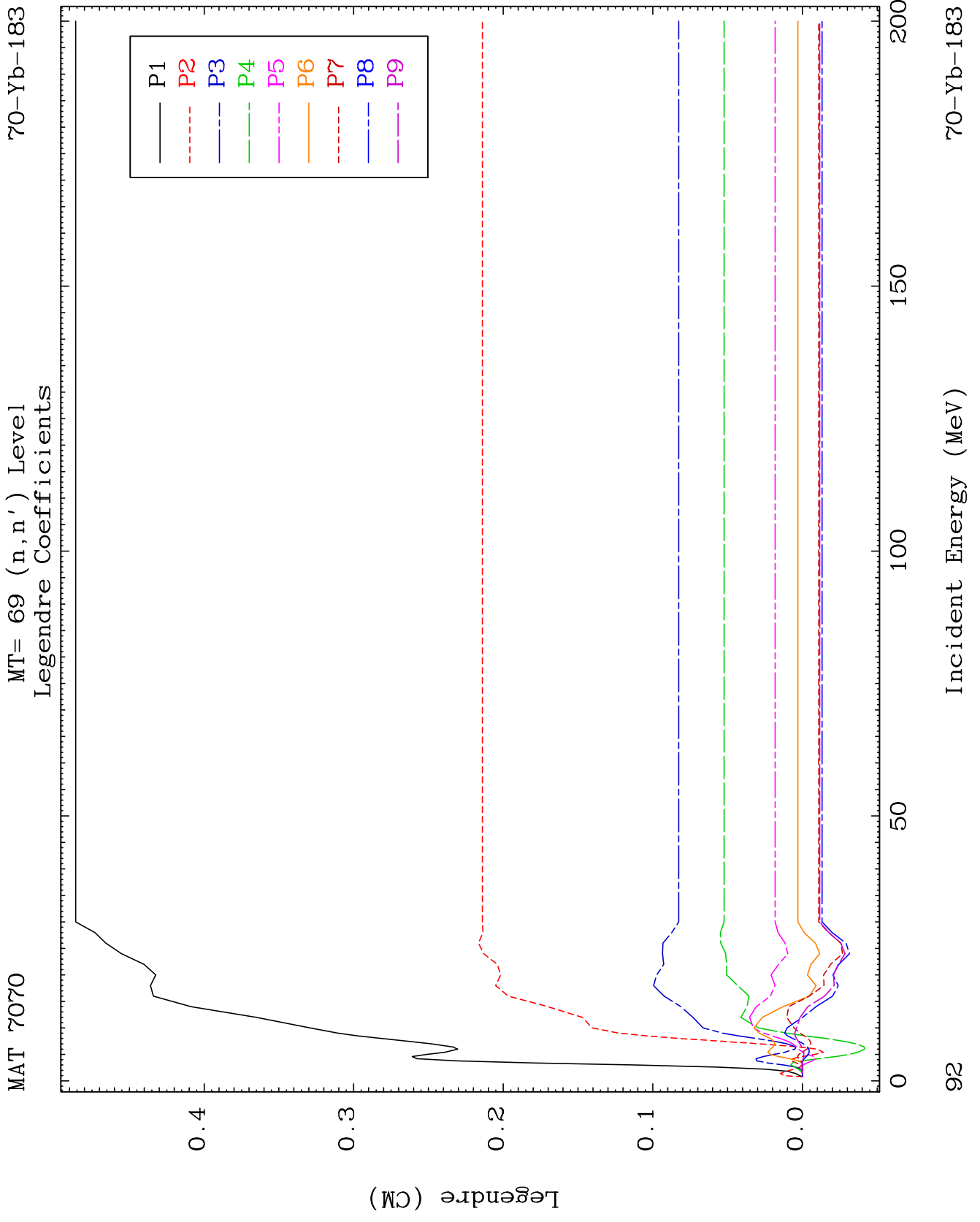
89

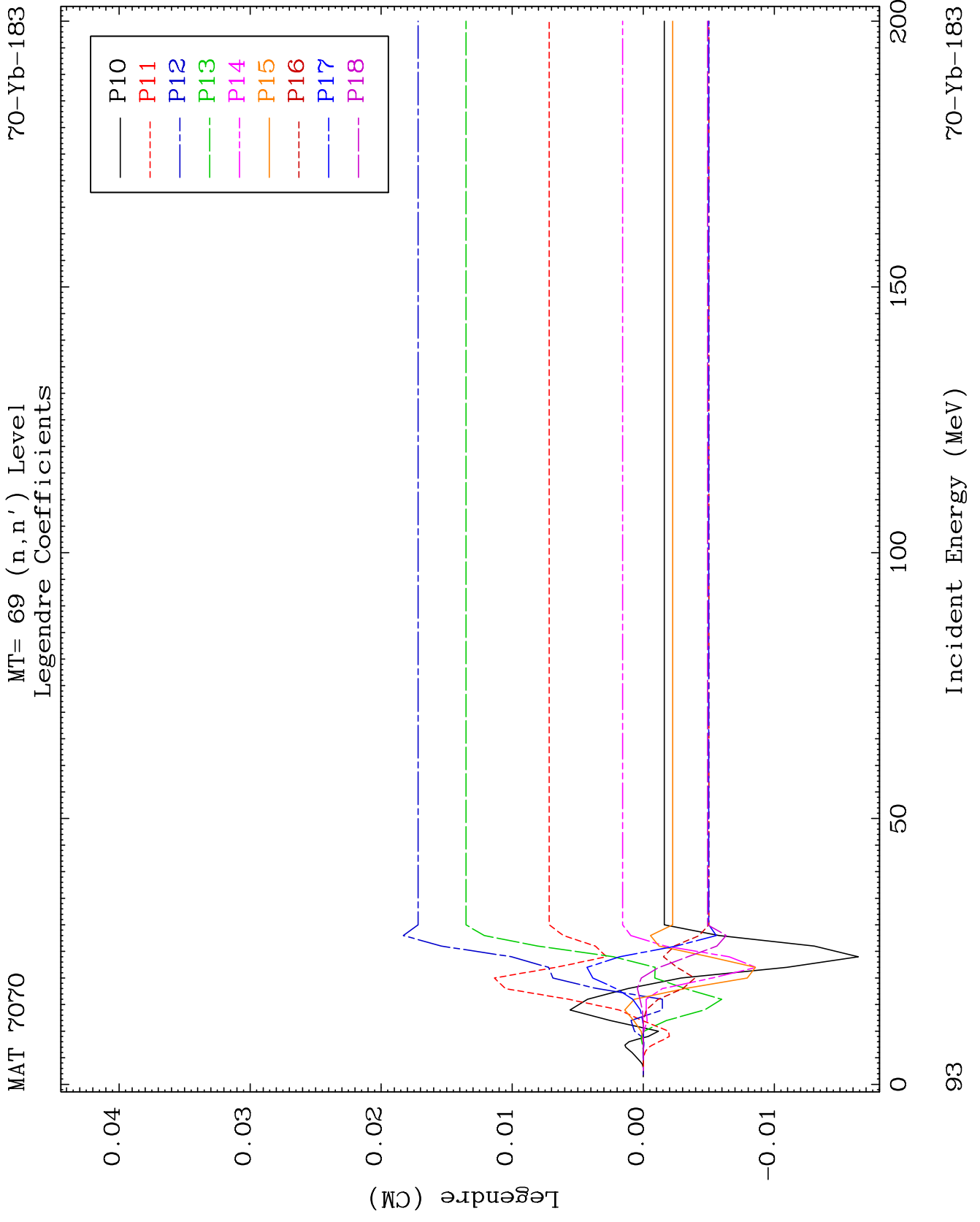
Incident Energy (MeV)

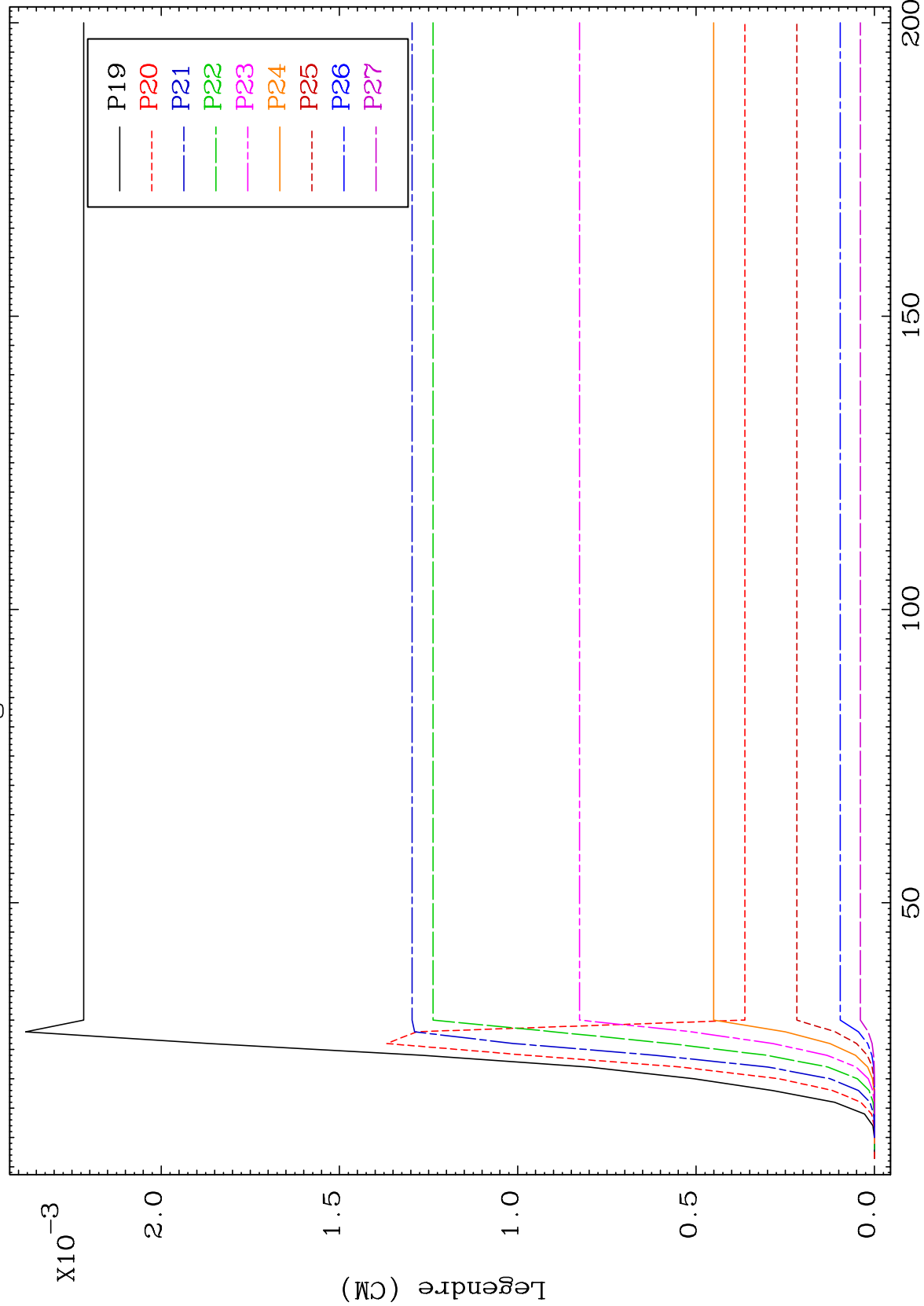
70-Yb-183







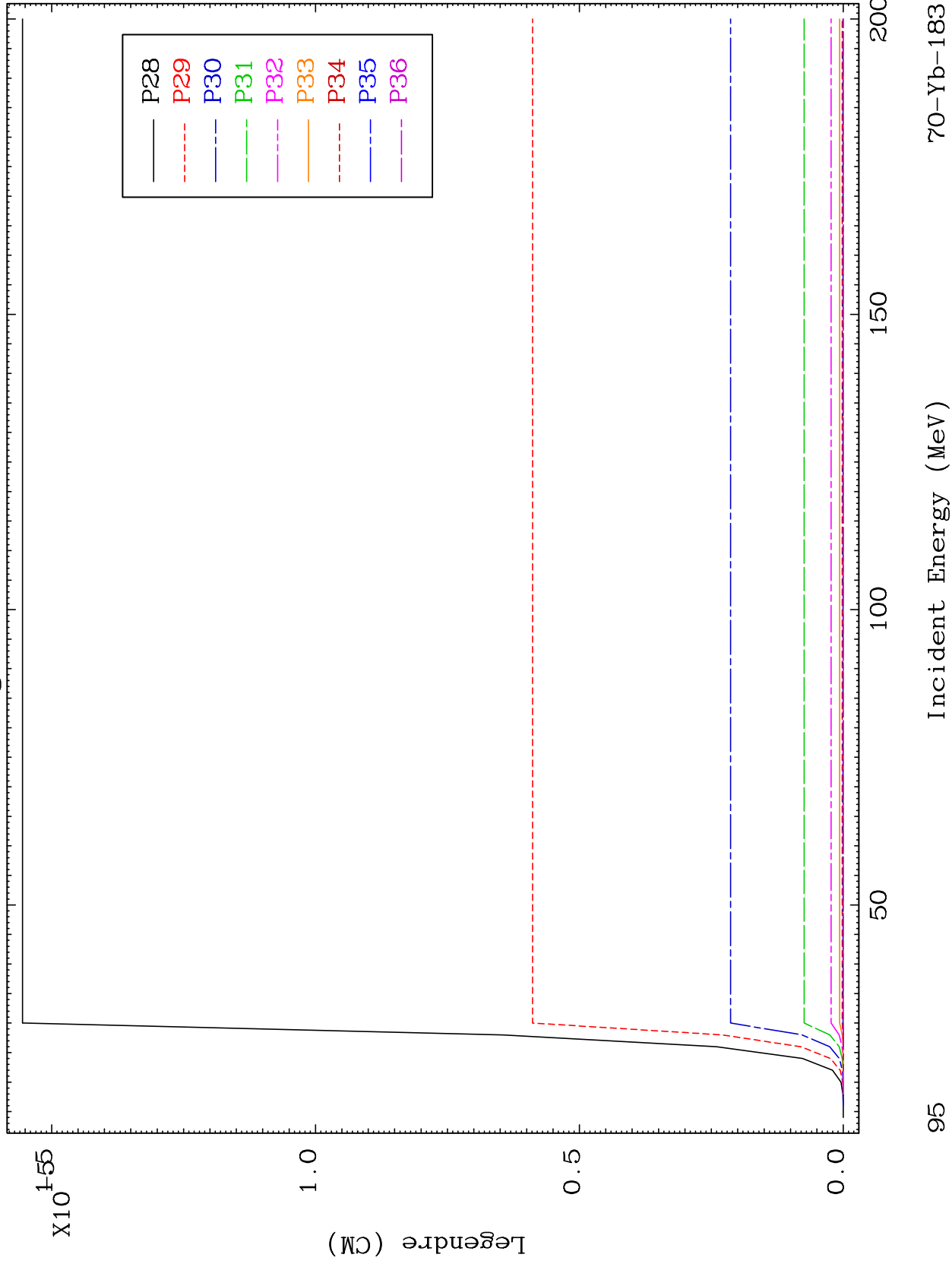




MAT 7070

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

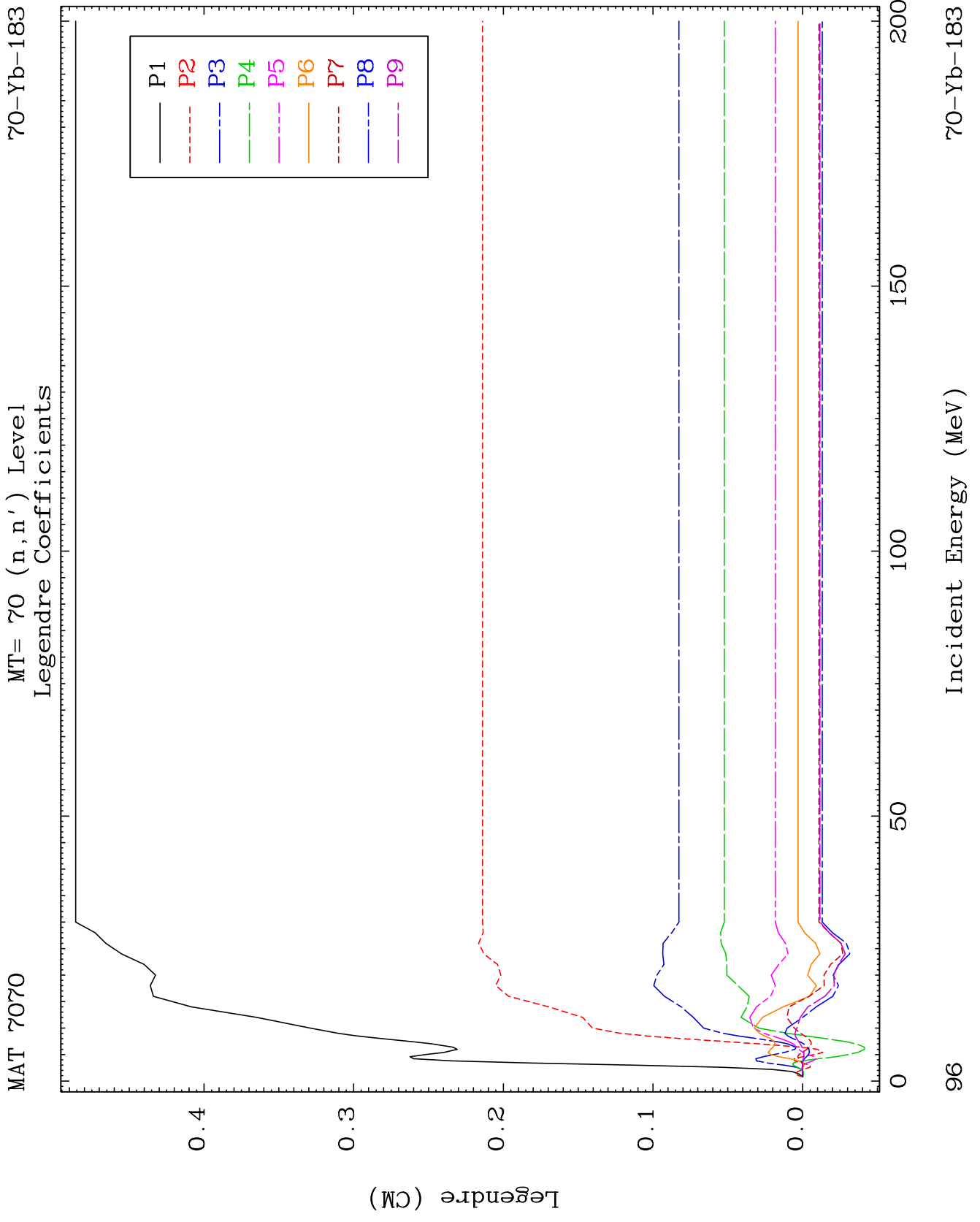
70-Yb-183

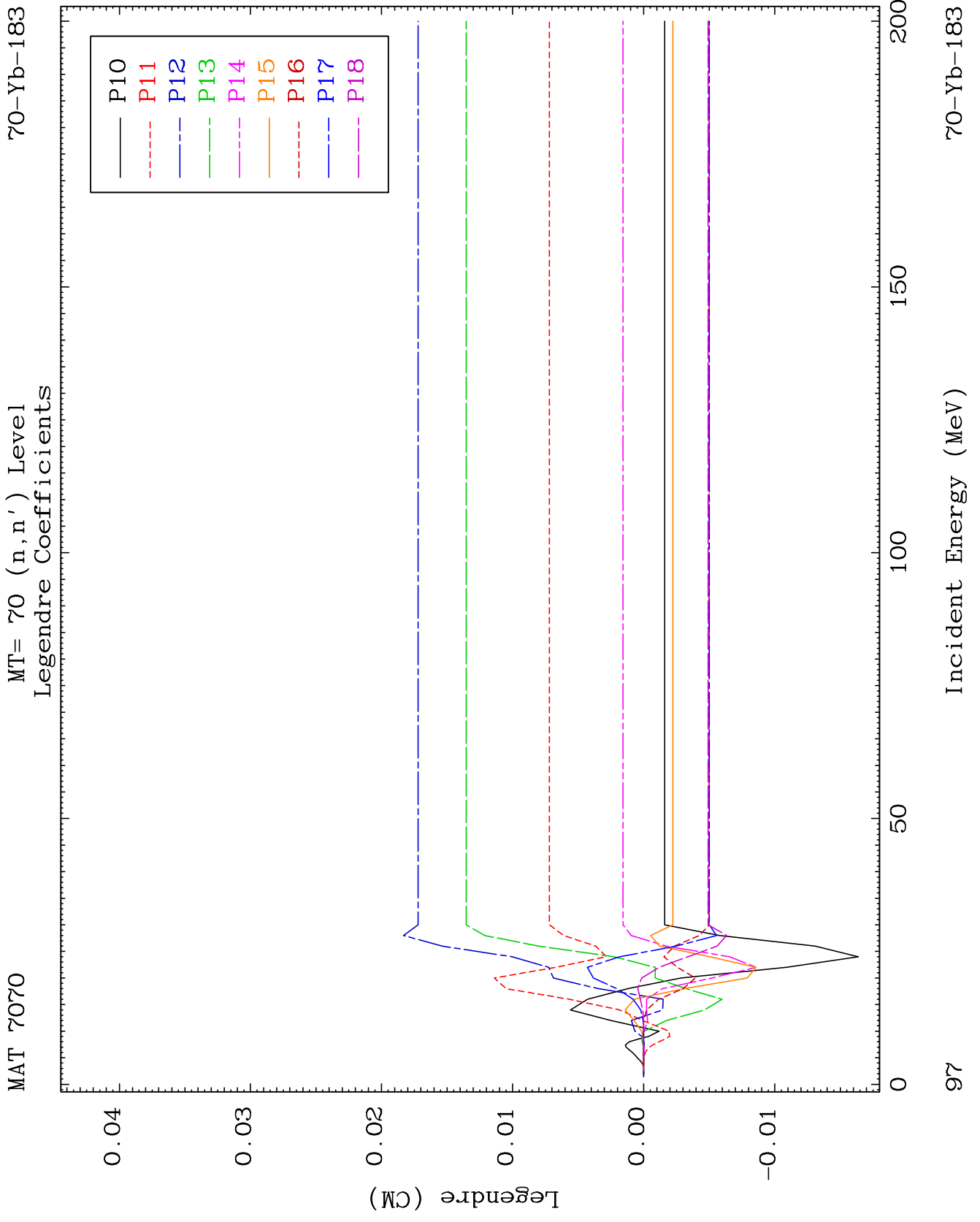


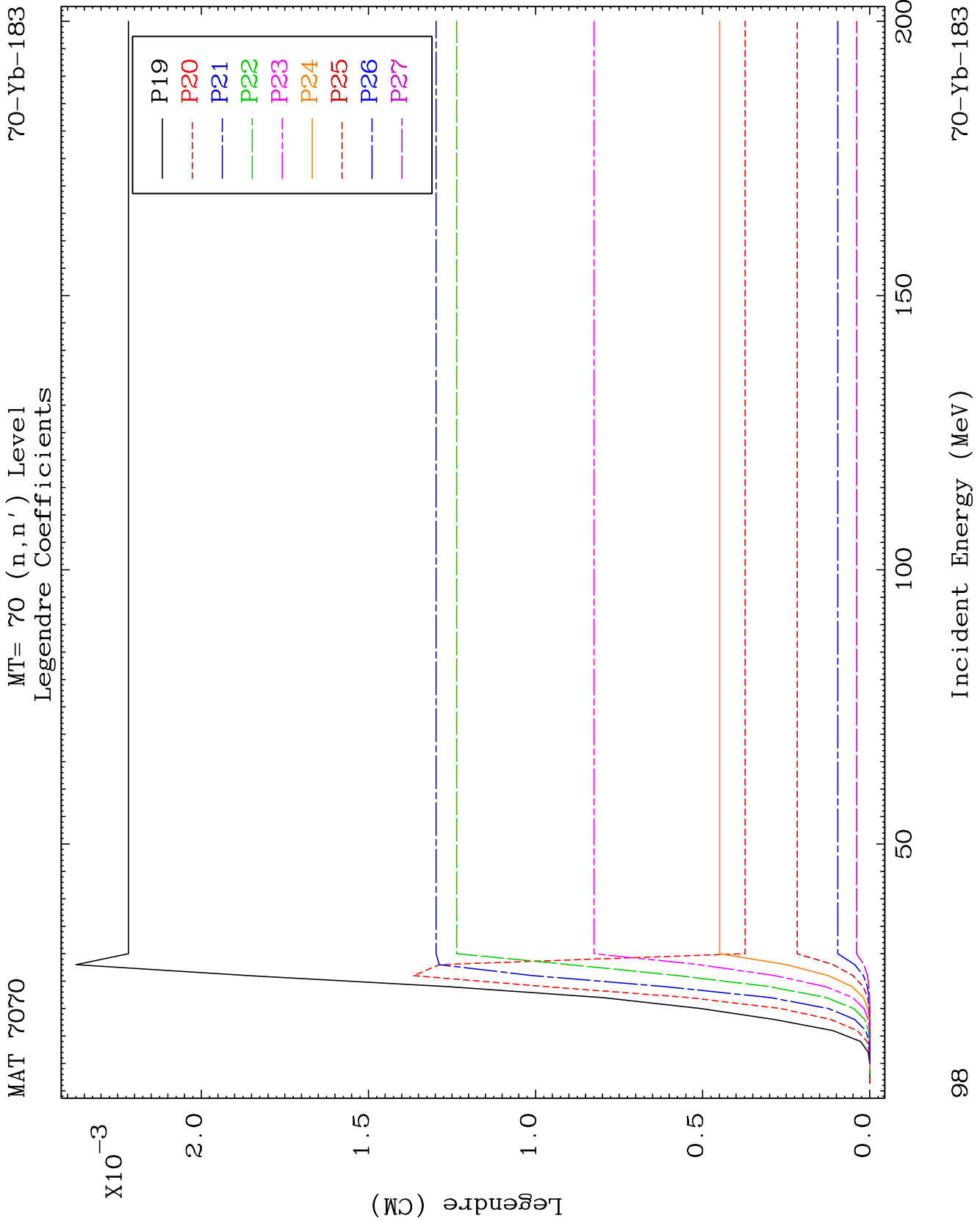
95

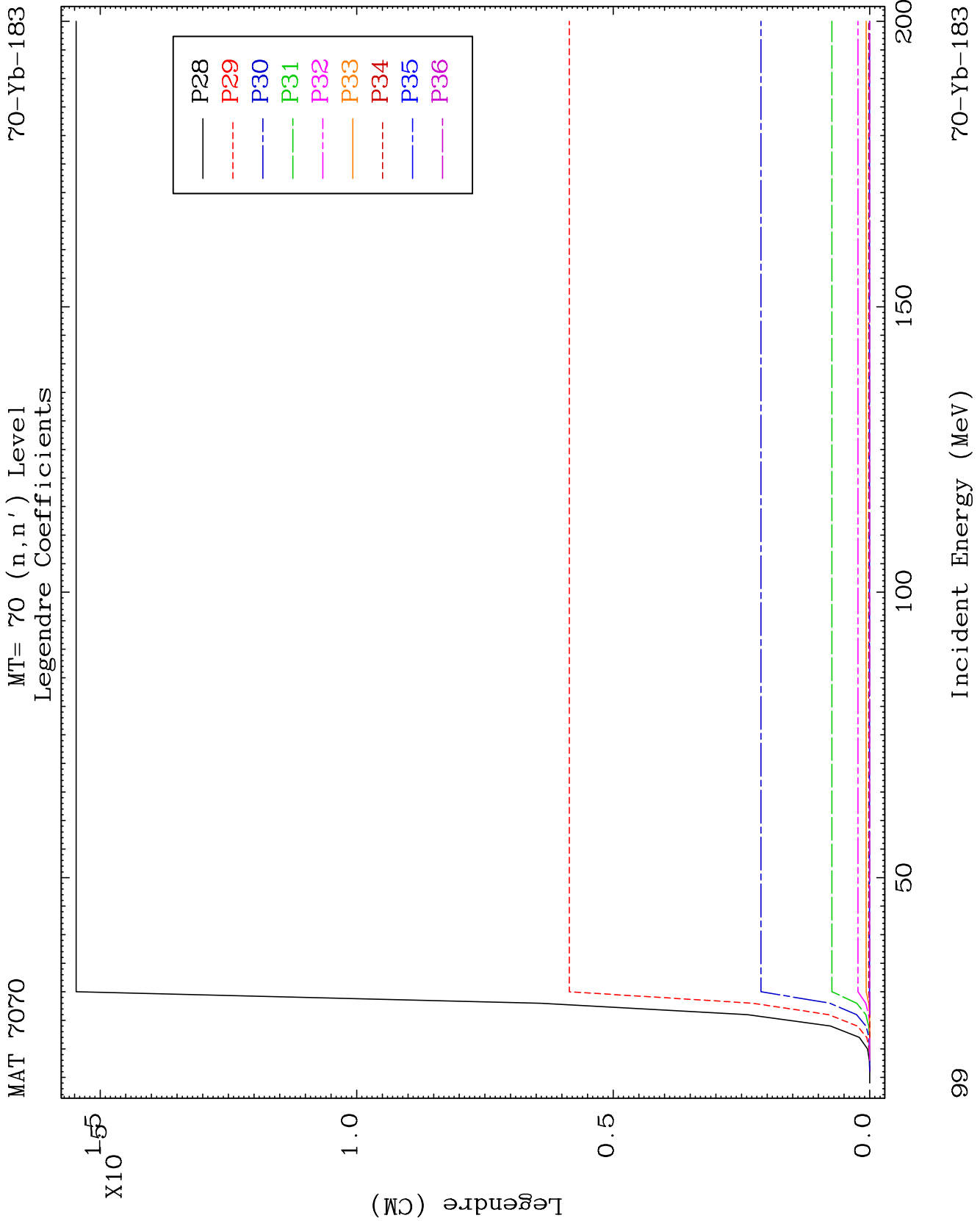
Incident Energy (MeV)

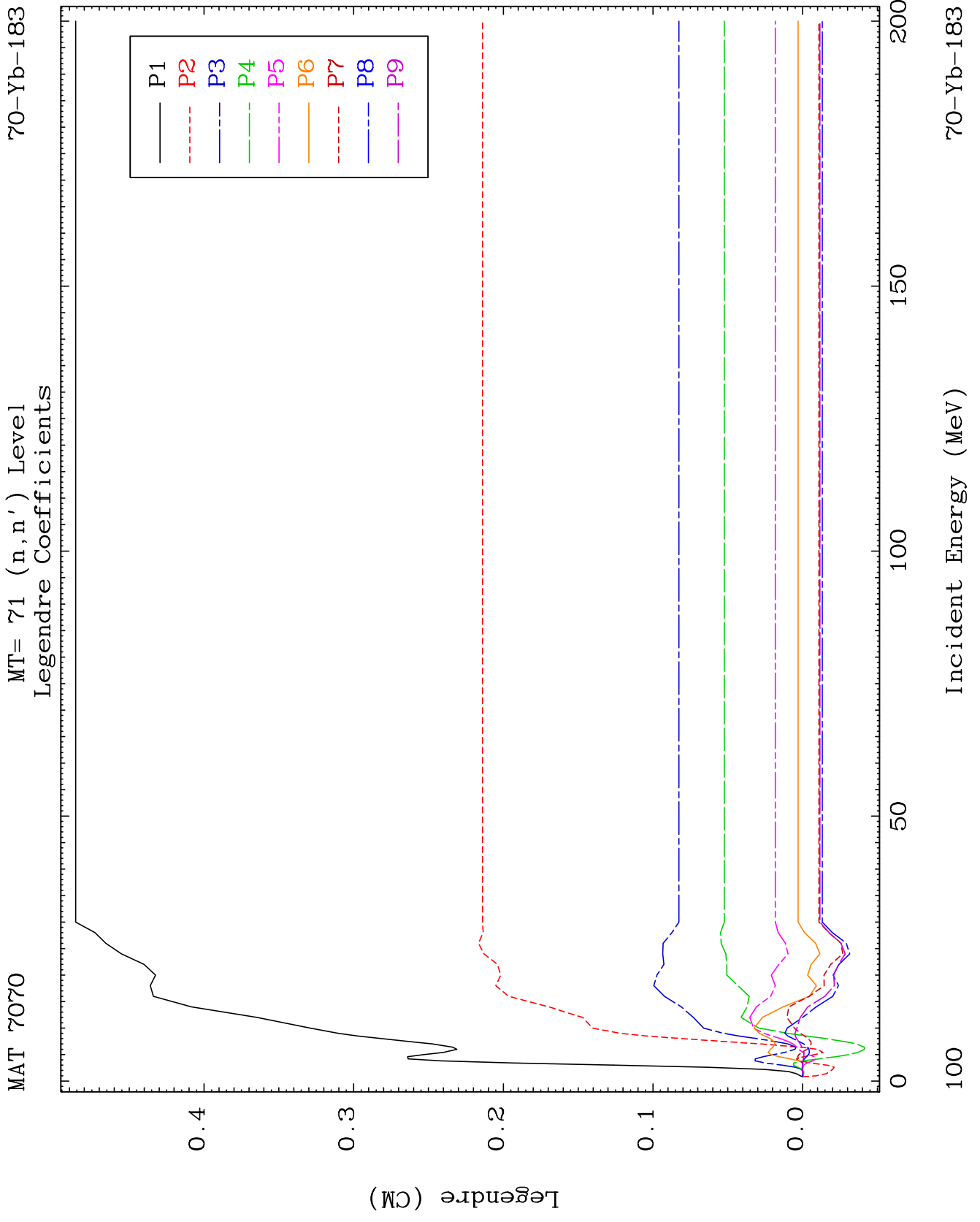
70-Yb-183

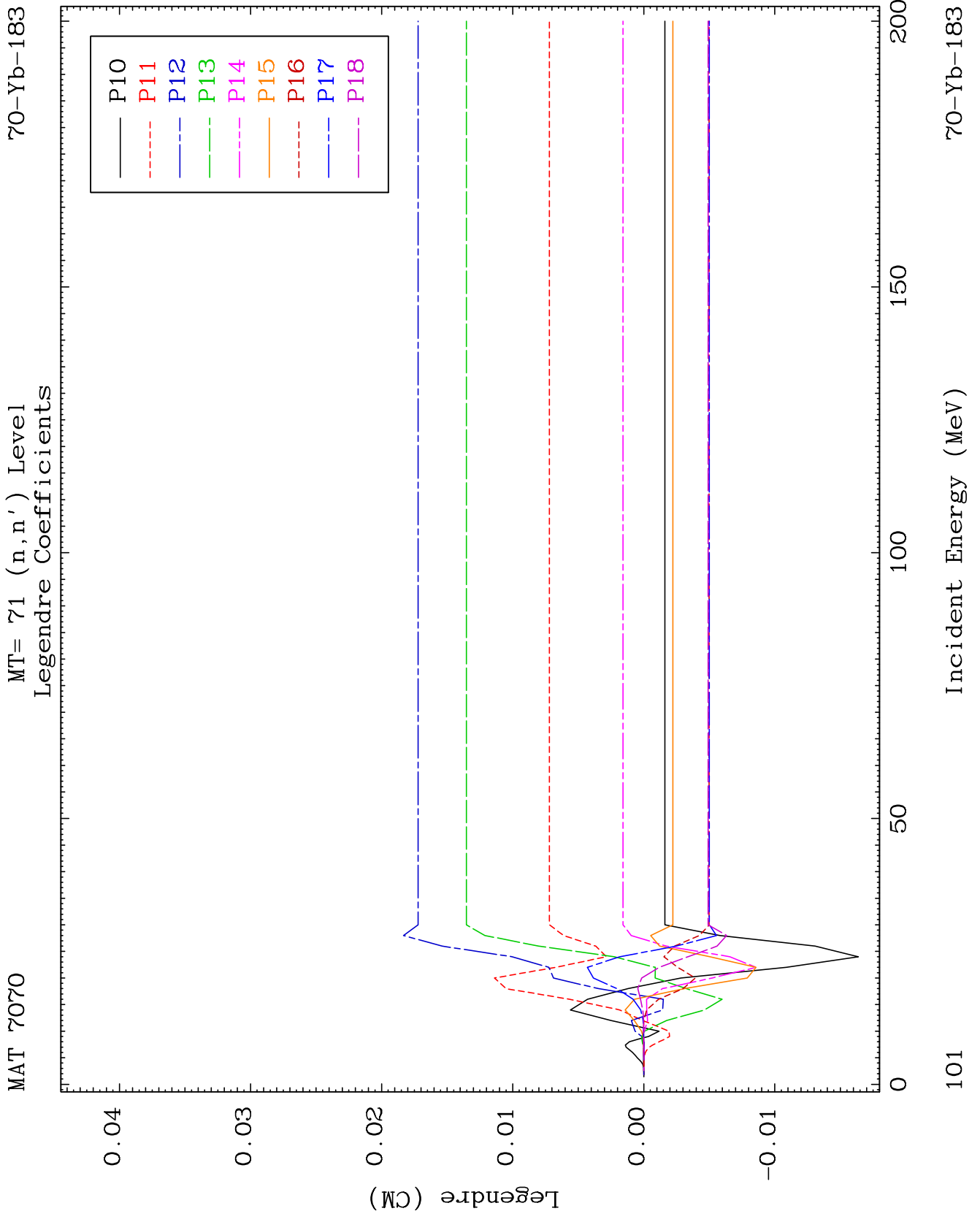


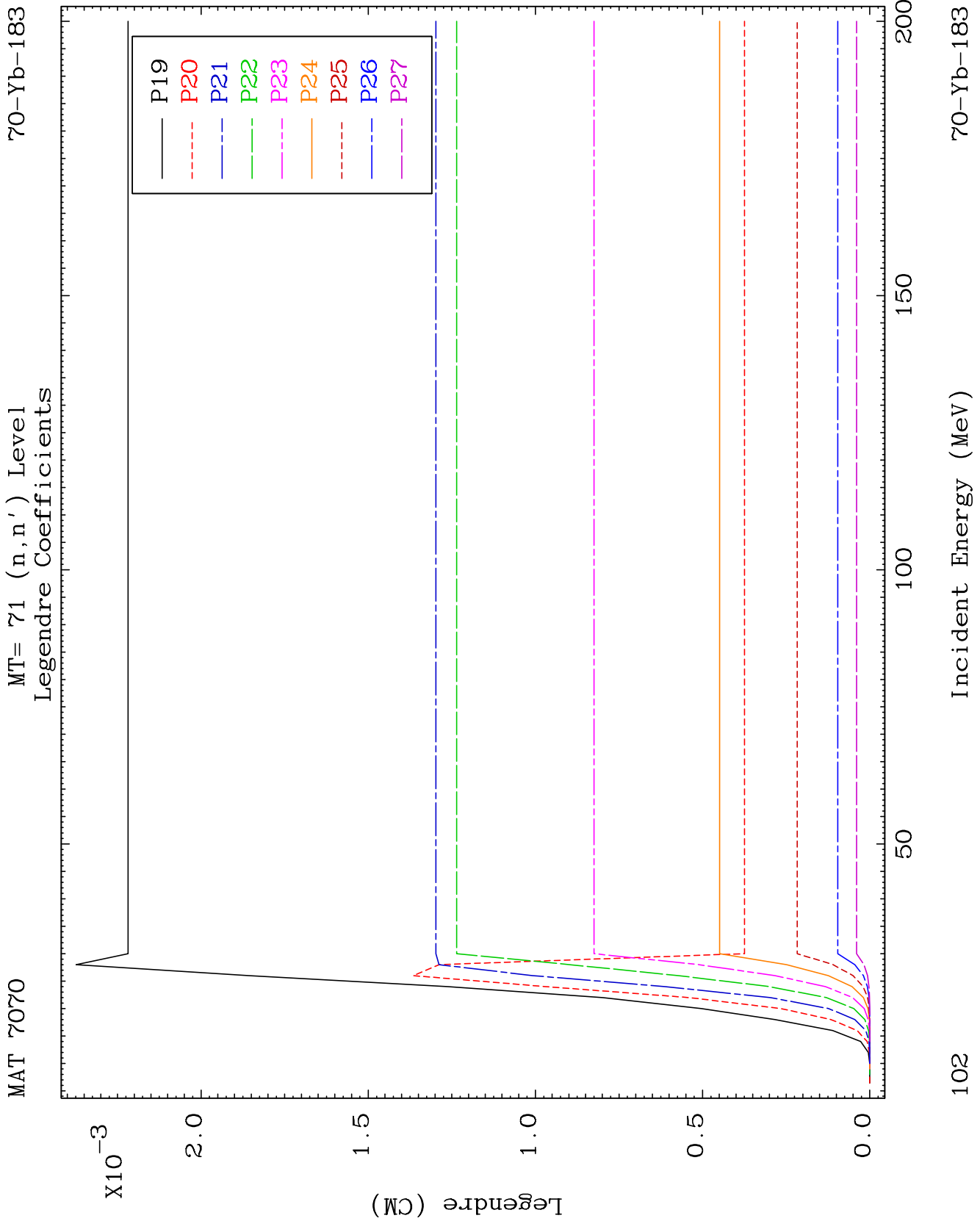








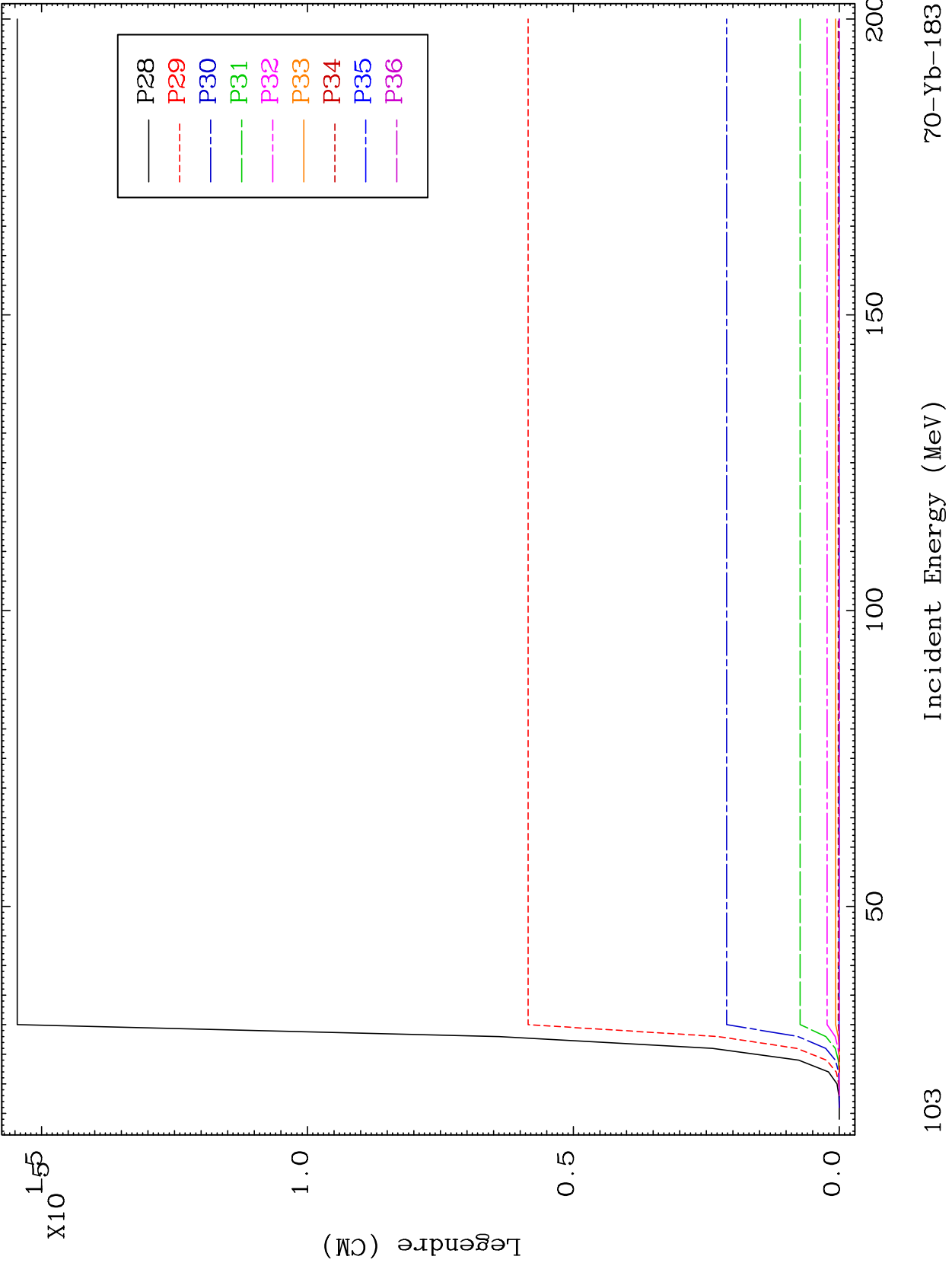




MAT 7070

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

70-Yb-183



103

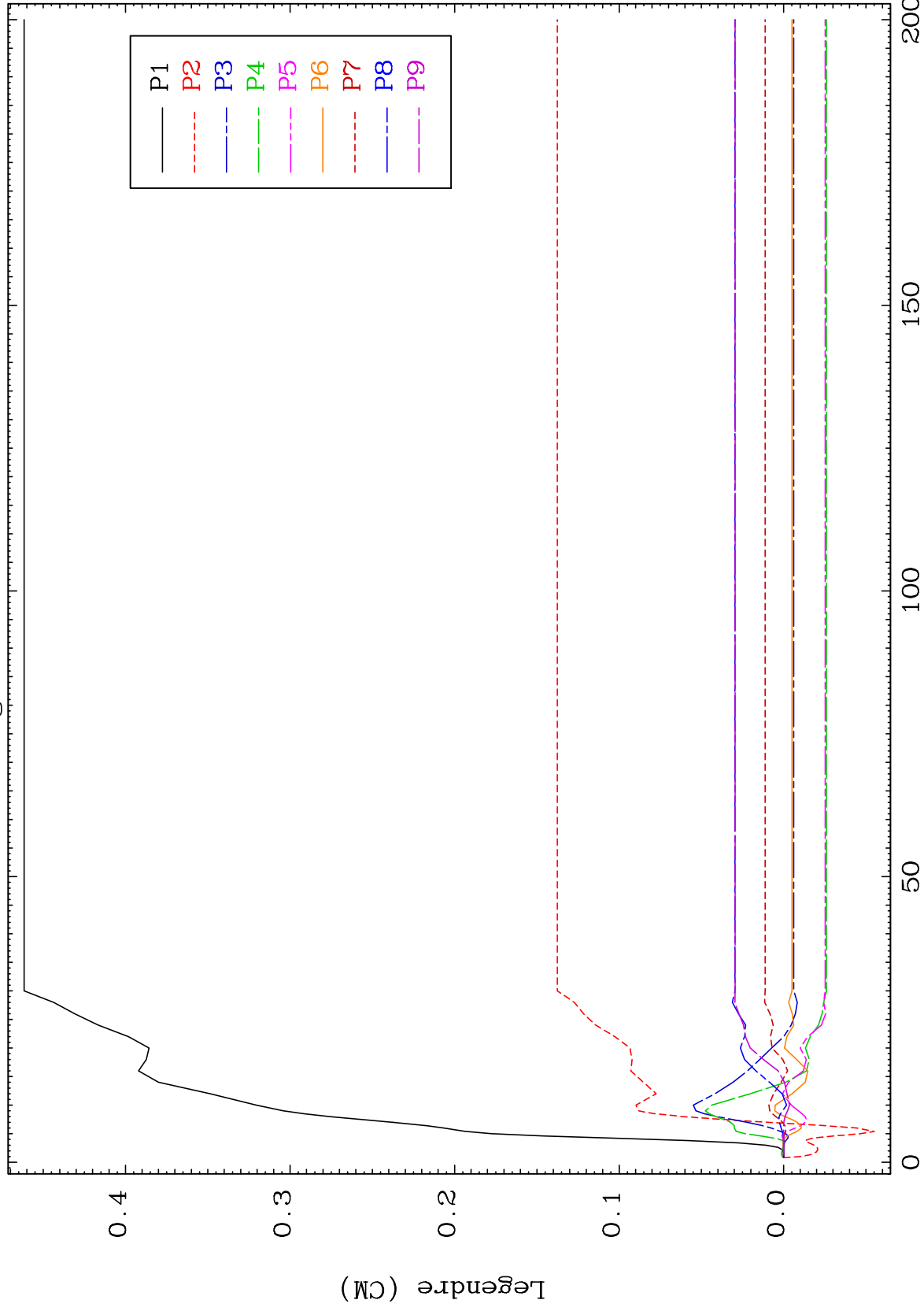
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



104

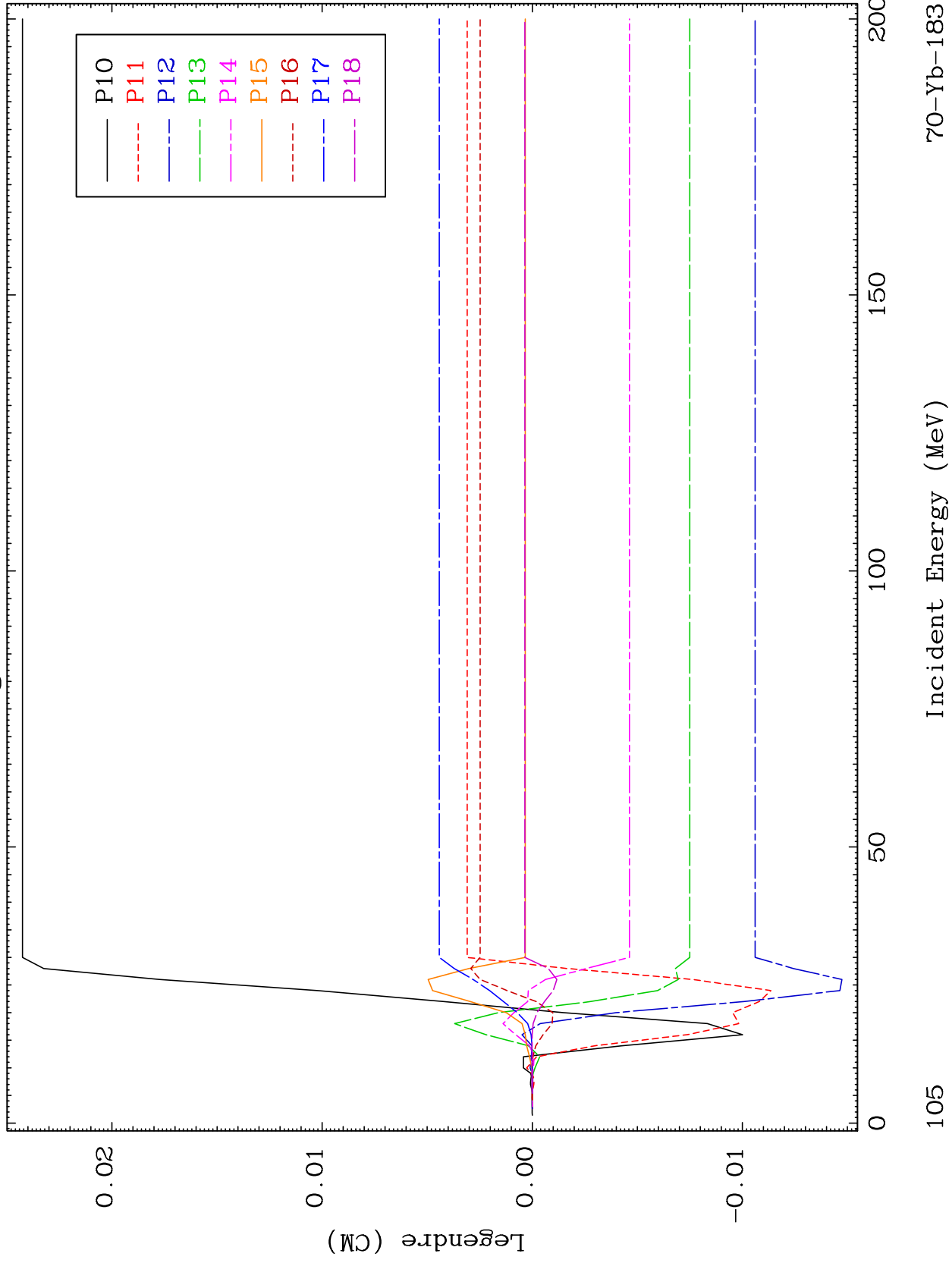
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



70-Yb-183

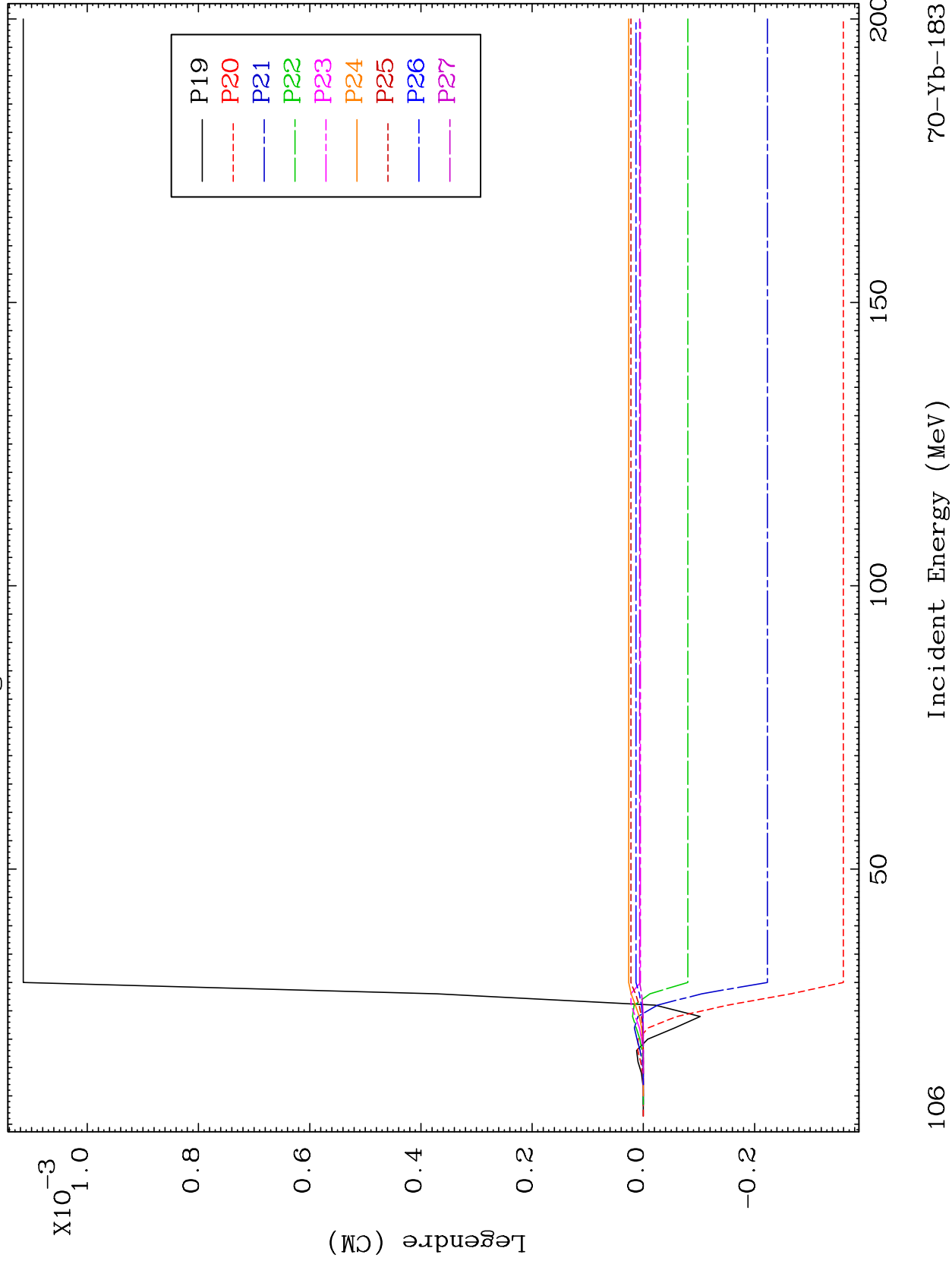
Incident Energy (MeV)

105

MAT 7070

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

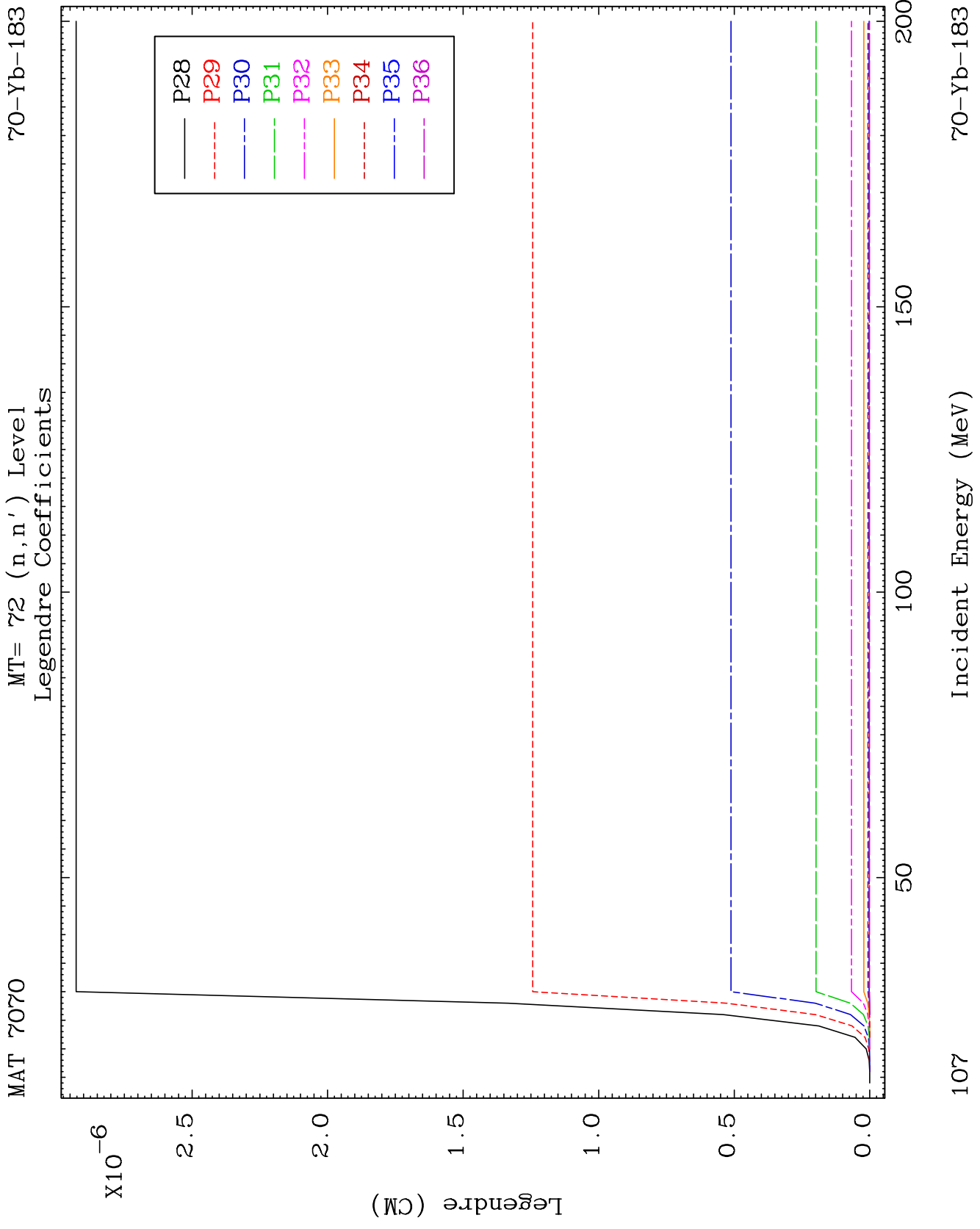
70-Yb-183



106

Incident Energy (MeV)

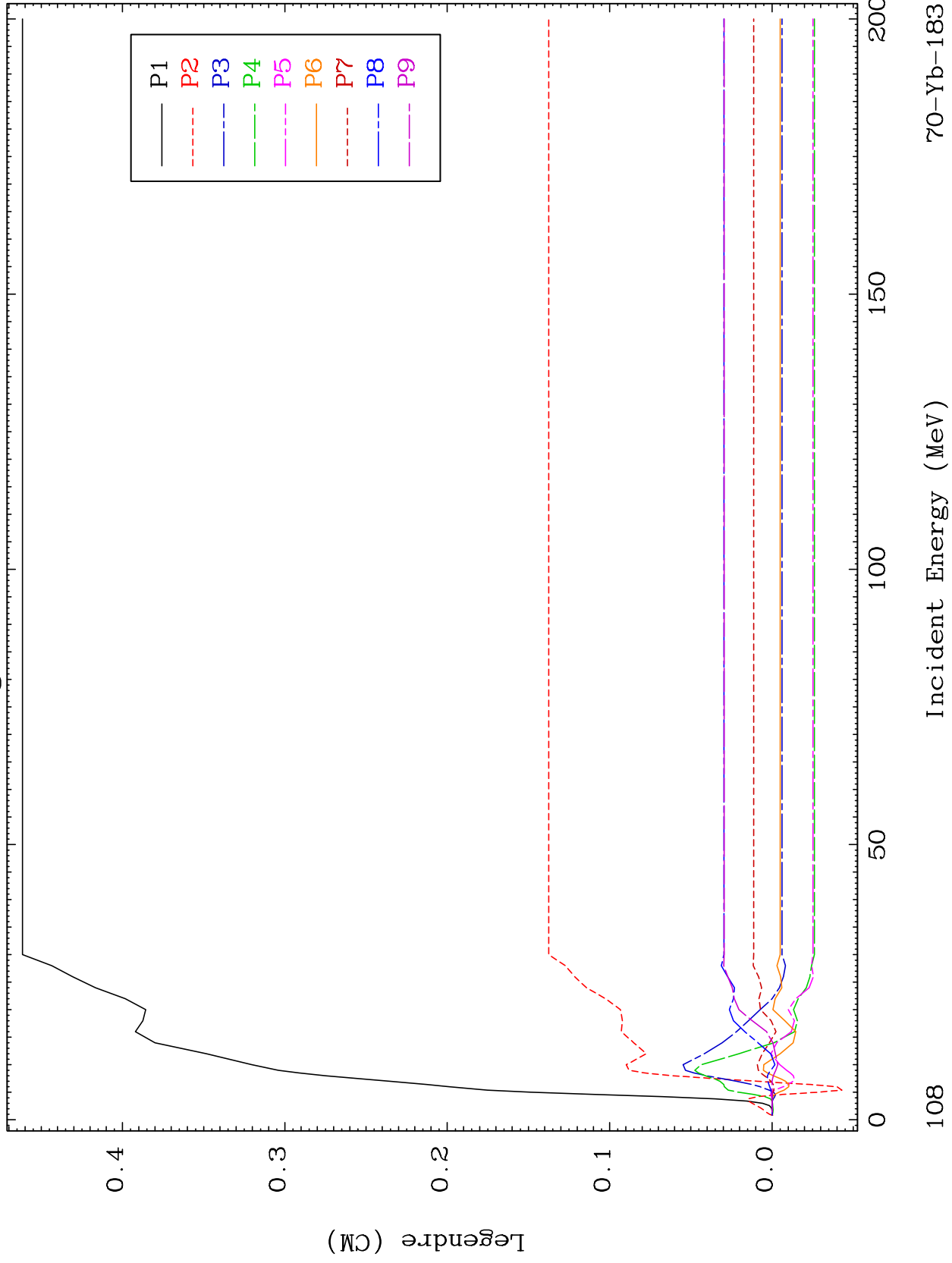
70-Yb-183



MAT 7070

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

70-Yb-183



70-Yb-183

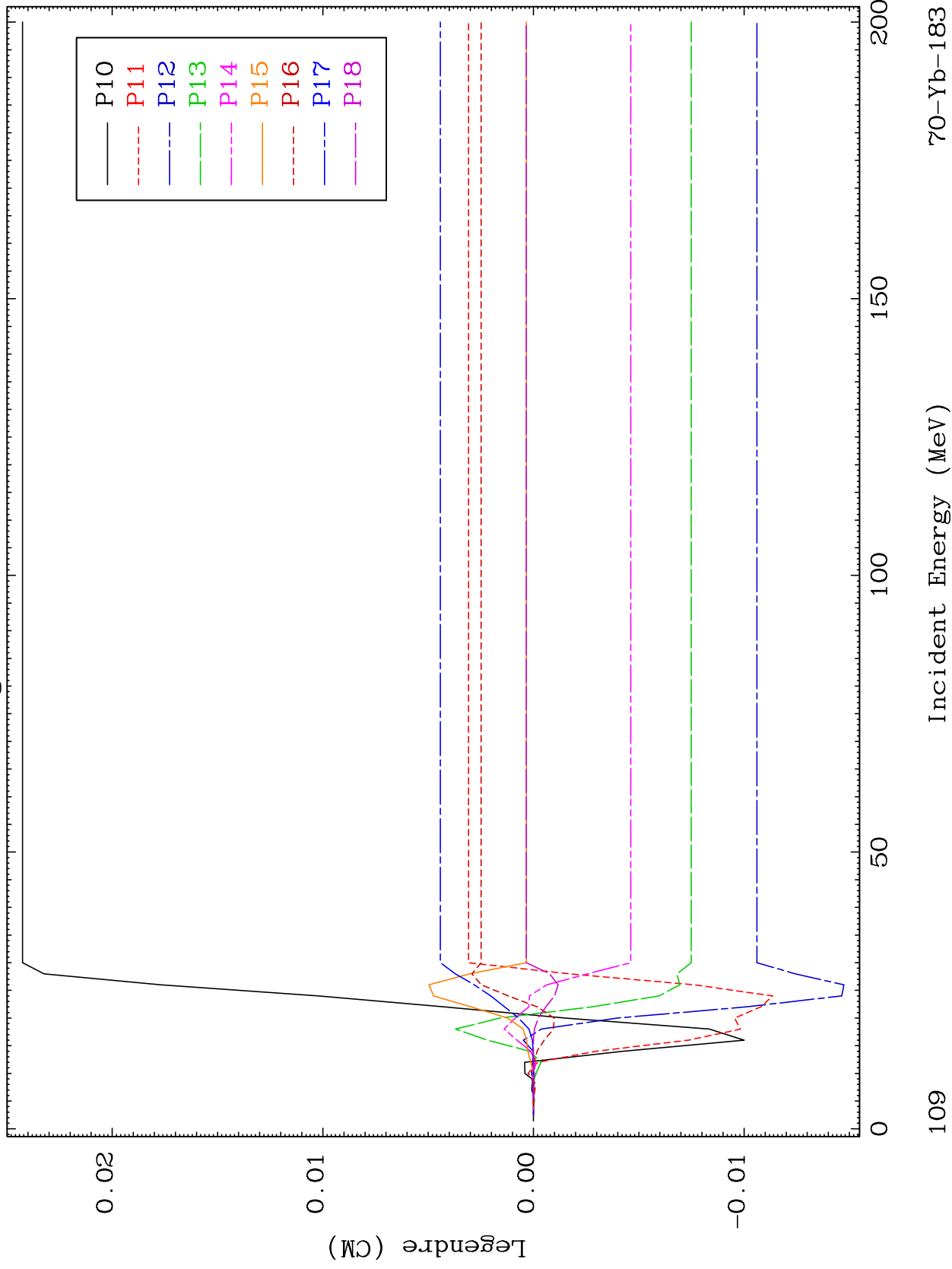
Incident Energy (MeV)

108

MAT 7070

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

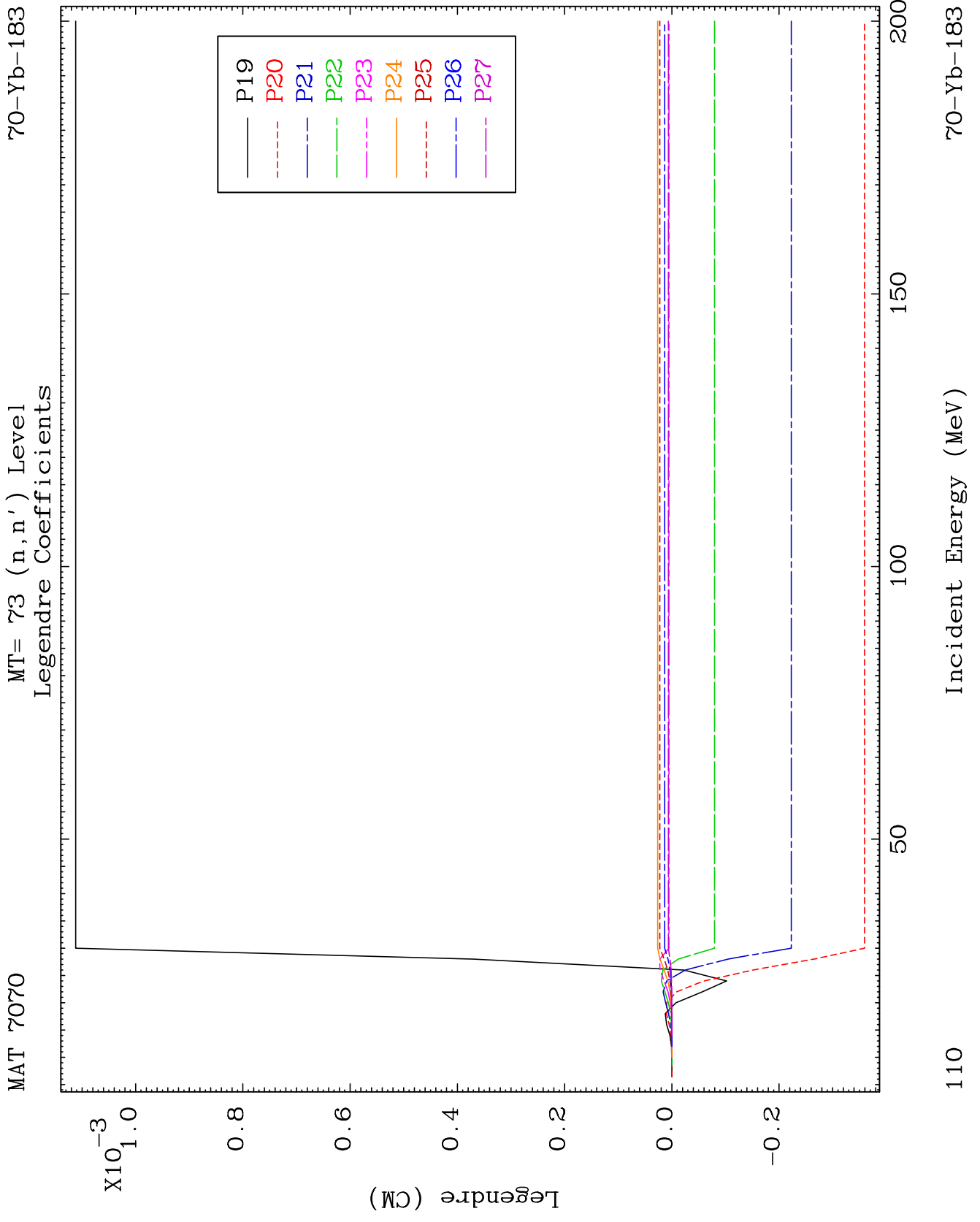
70-Yb-183

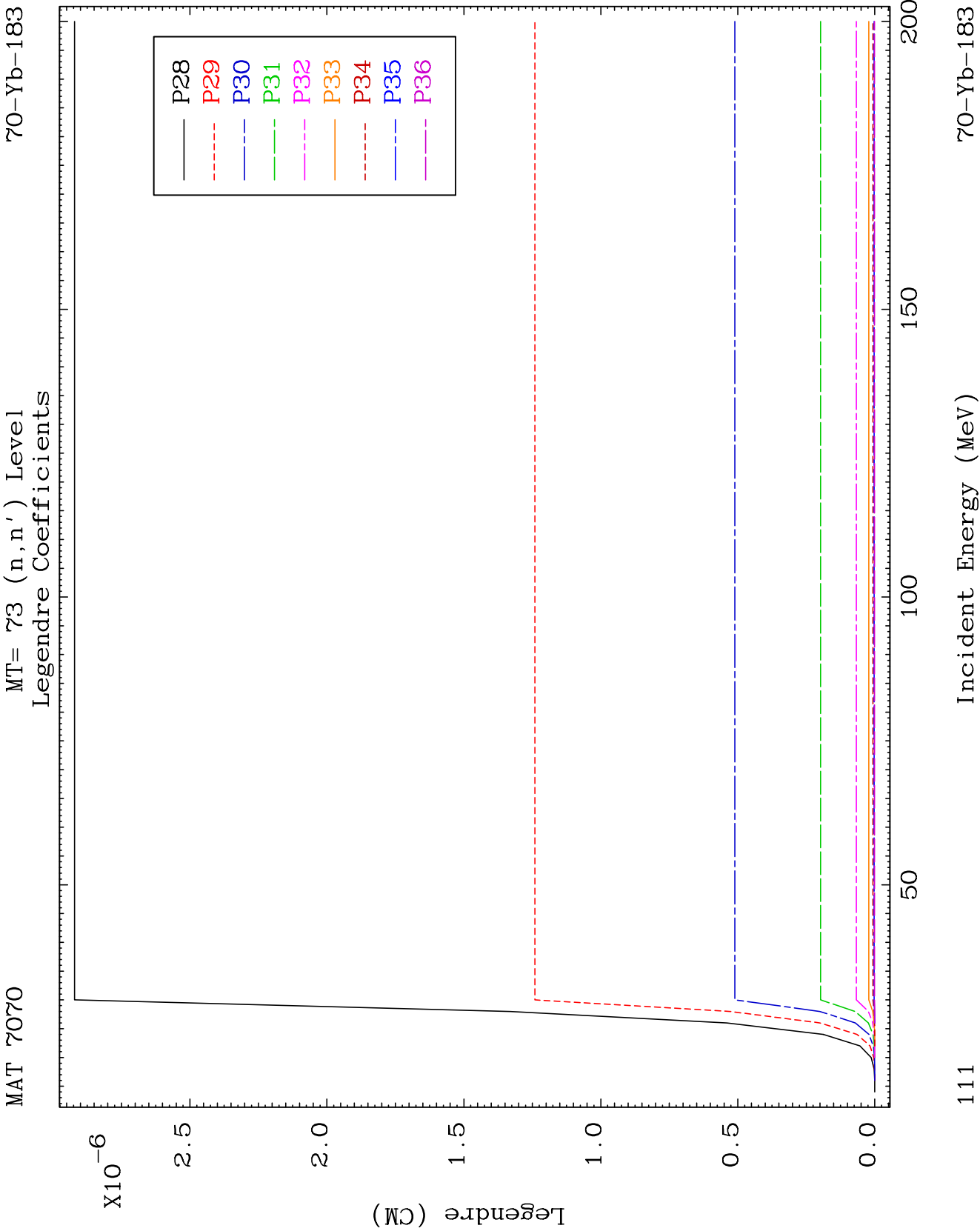


109

Incident Energy (MeV)

70-Yb-183

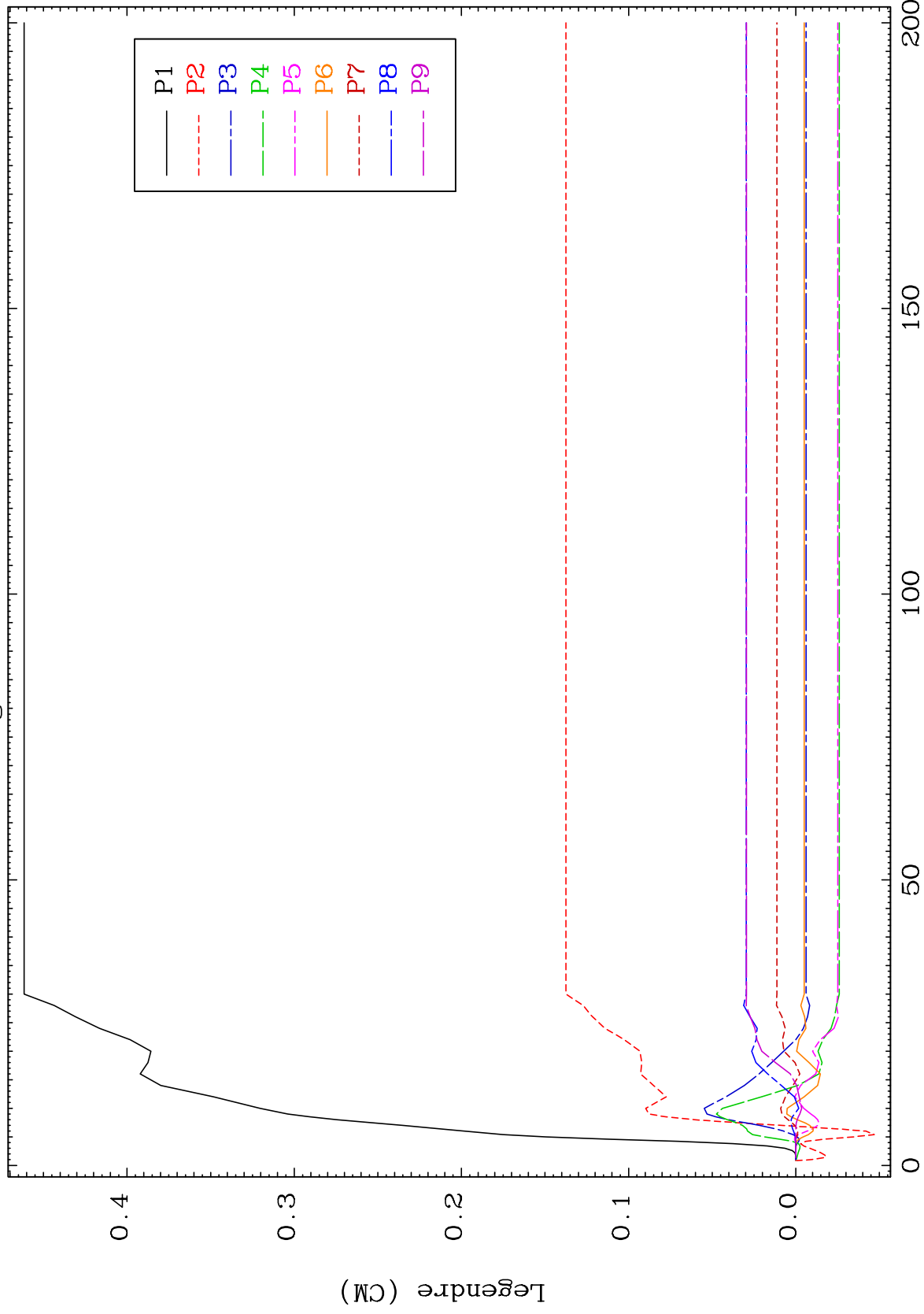




MAT 7070

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

70-Yb-183



70-Yb-183

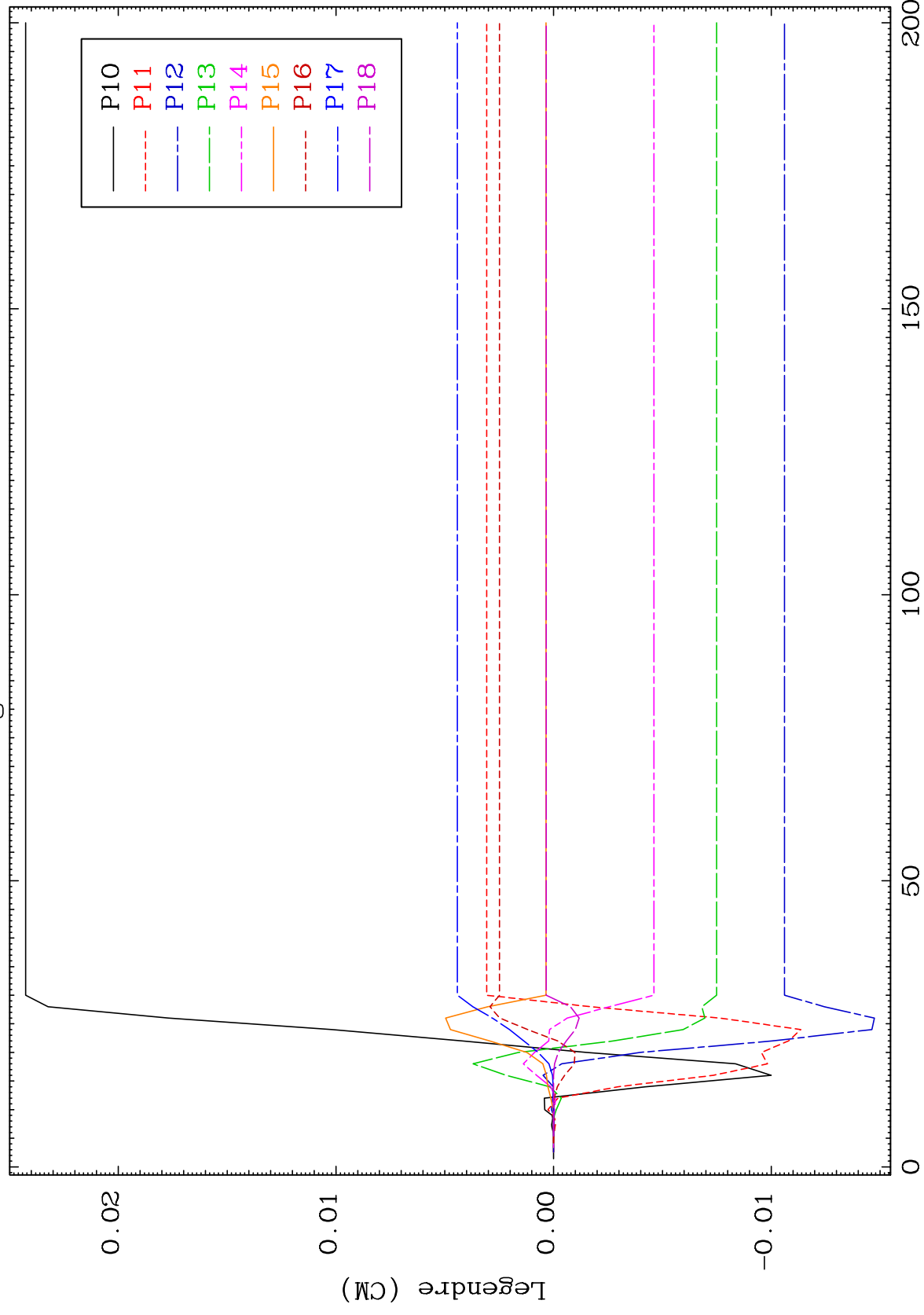
Incident Energy (MeV)

112

MAT 7070

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

70-Yb-183



113

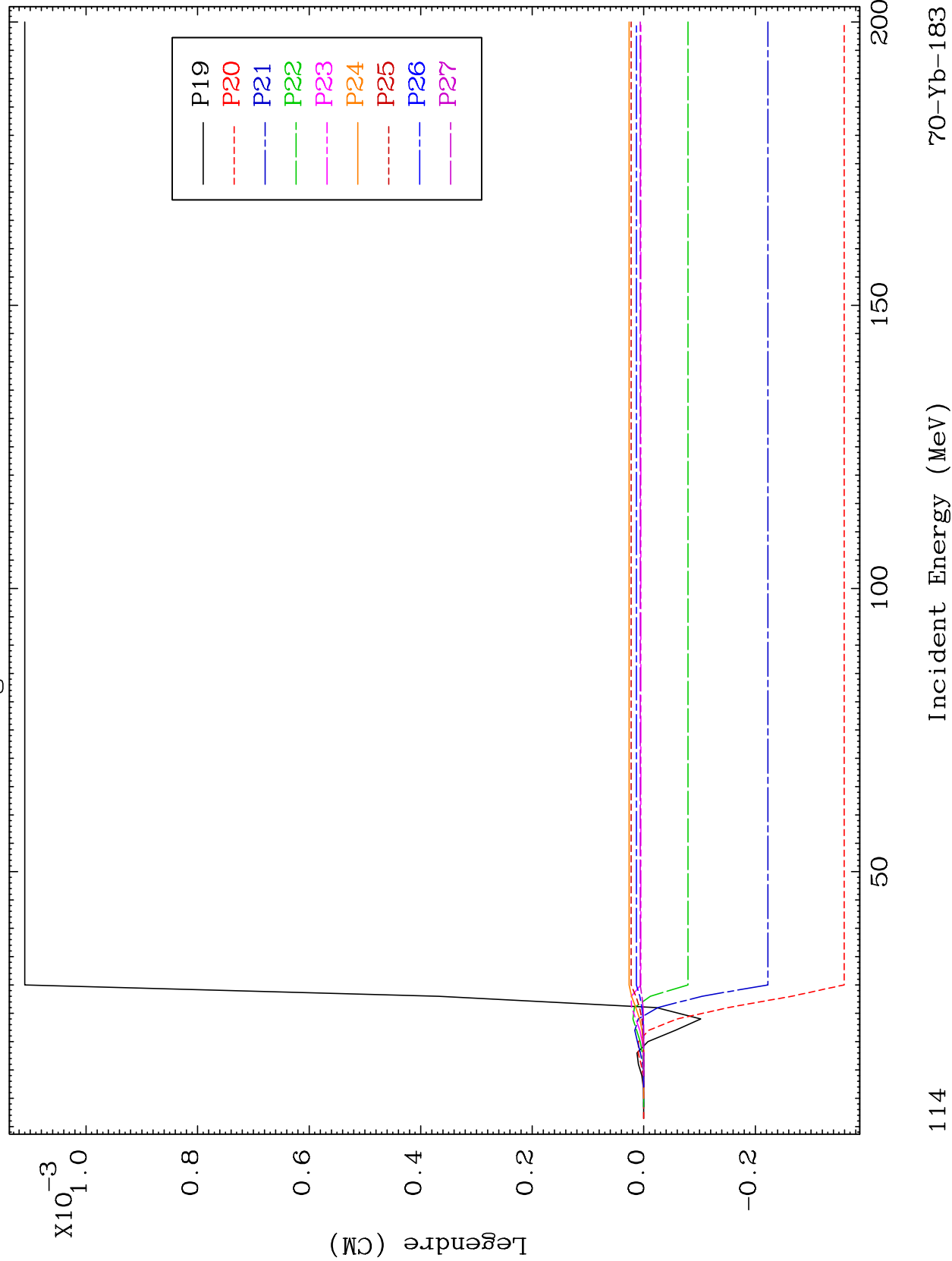
Incident Energy (MeV)

70-Yb-183

MAT 7070

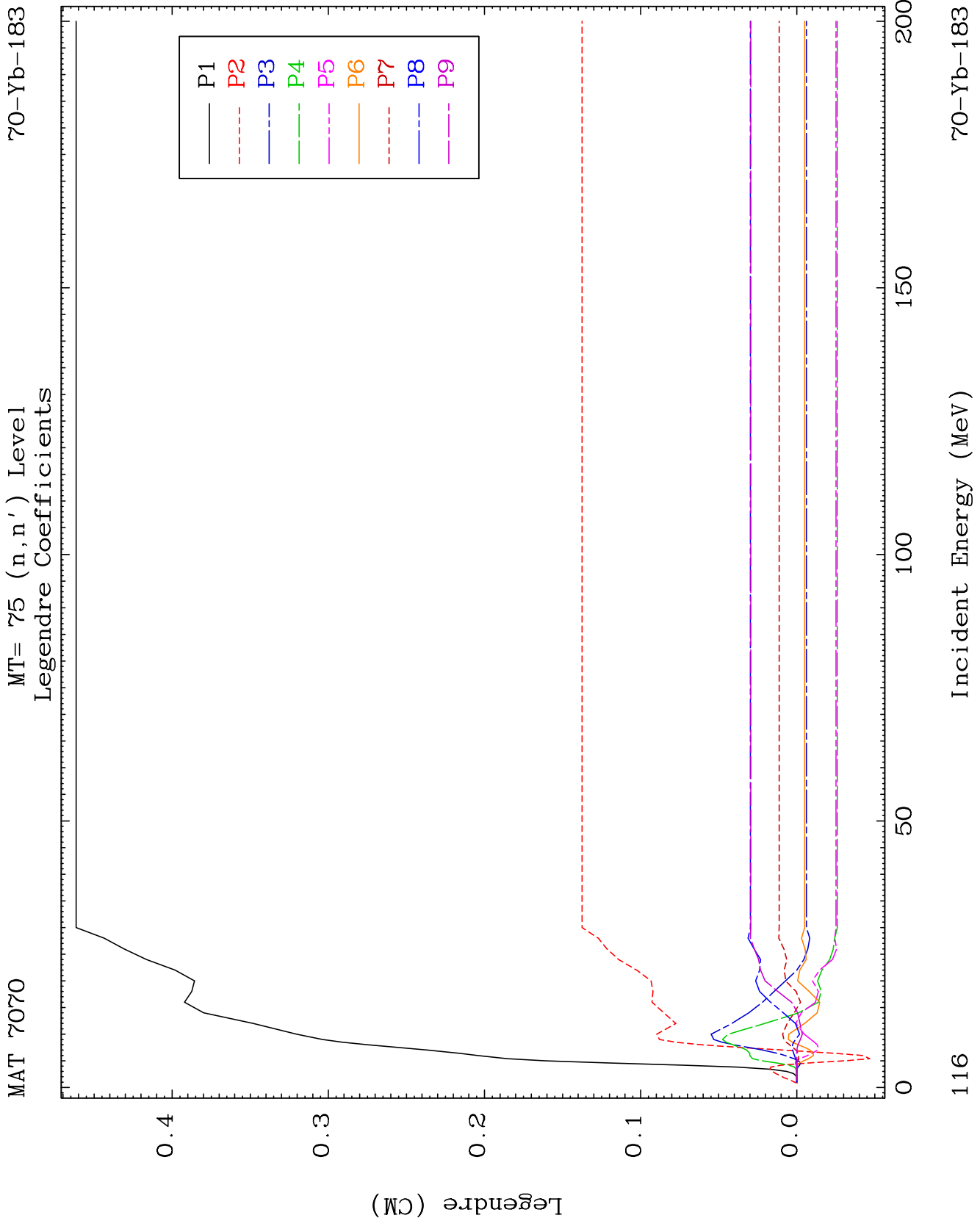
MT= 74 (n,n') Level
Legendre Coefficients

70-Yb-183



114

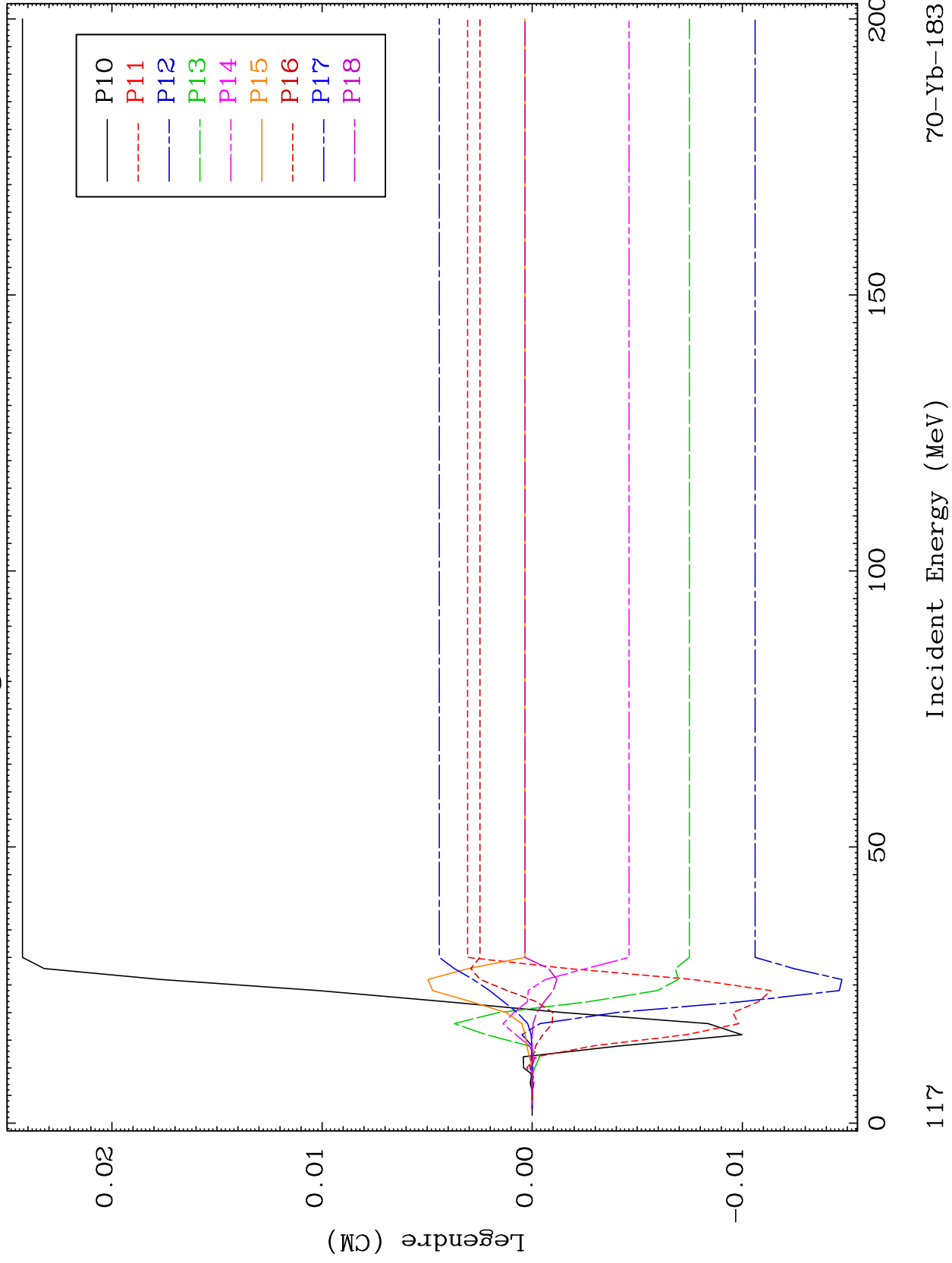
70-Yb-183



MAT 7070

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

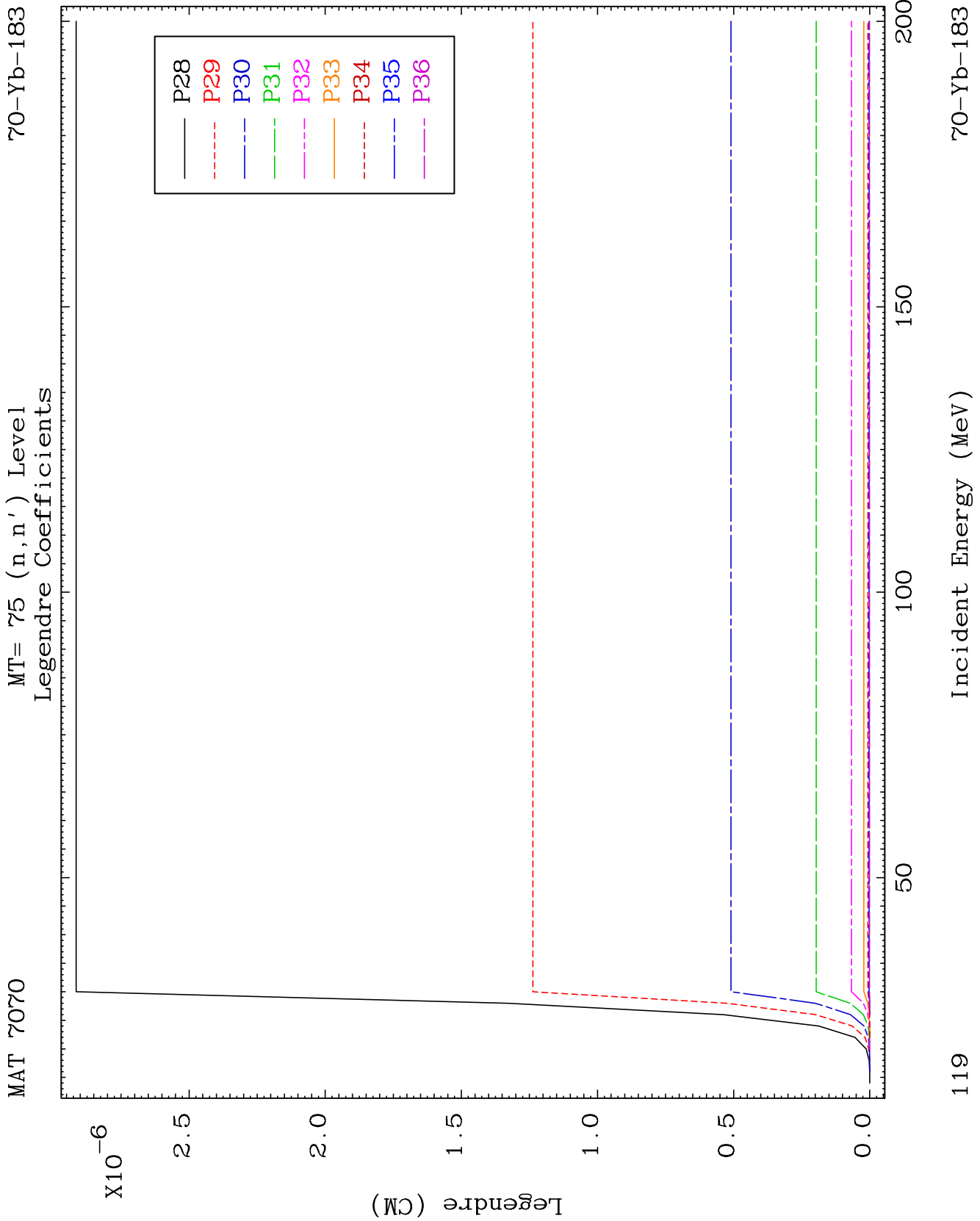
70-Yb-183

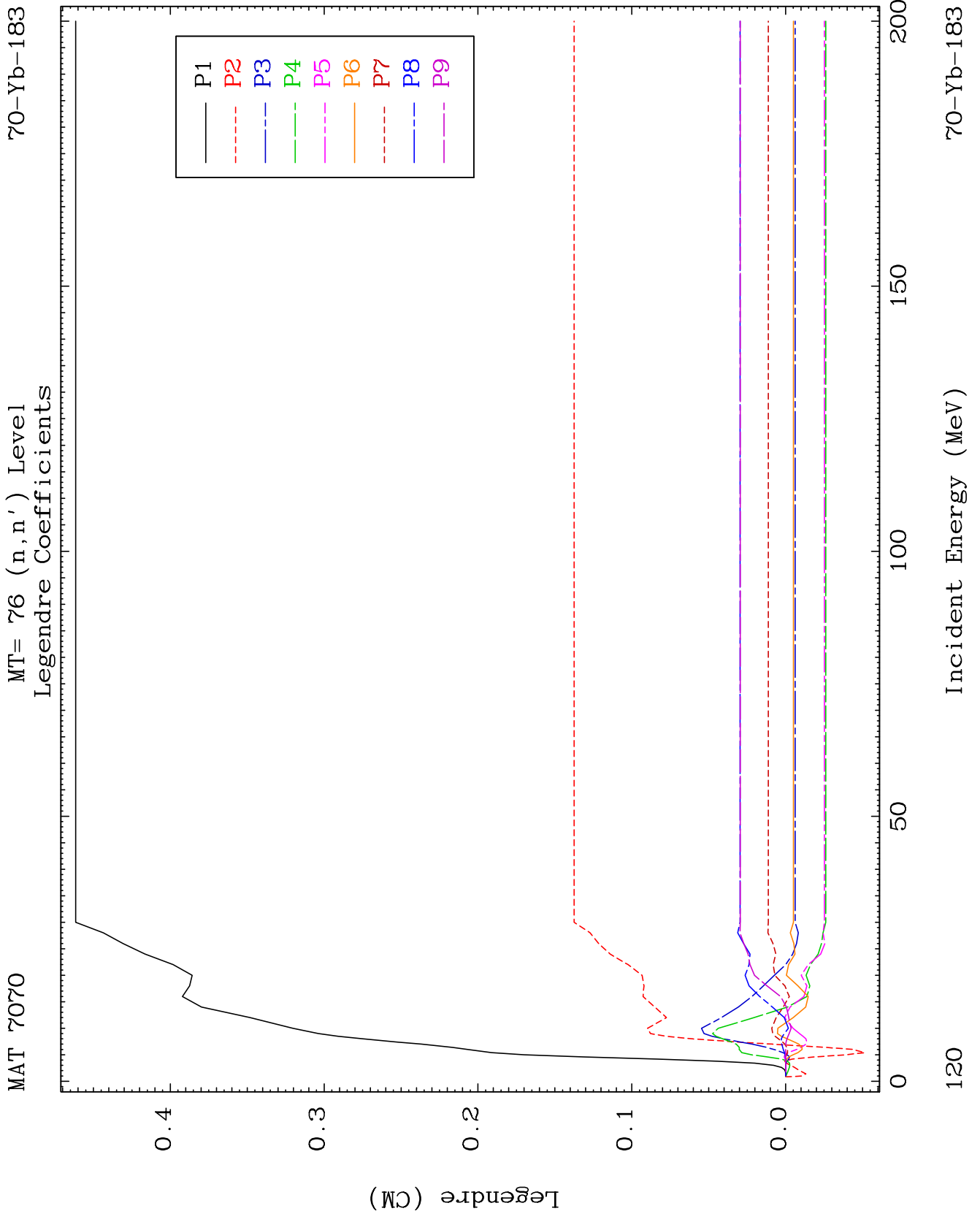


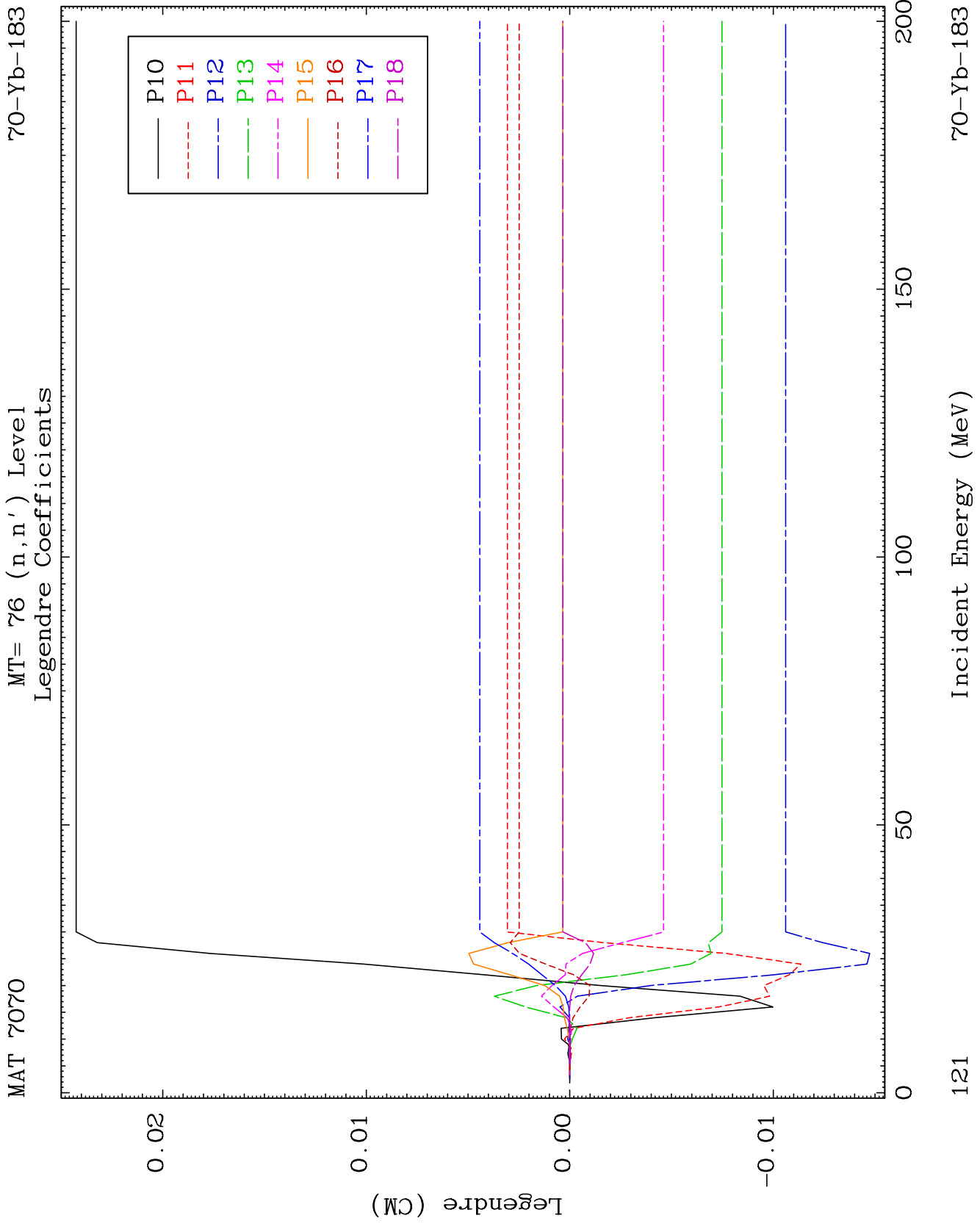
117

Incident Energy (MeV)

70-Yb-183



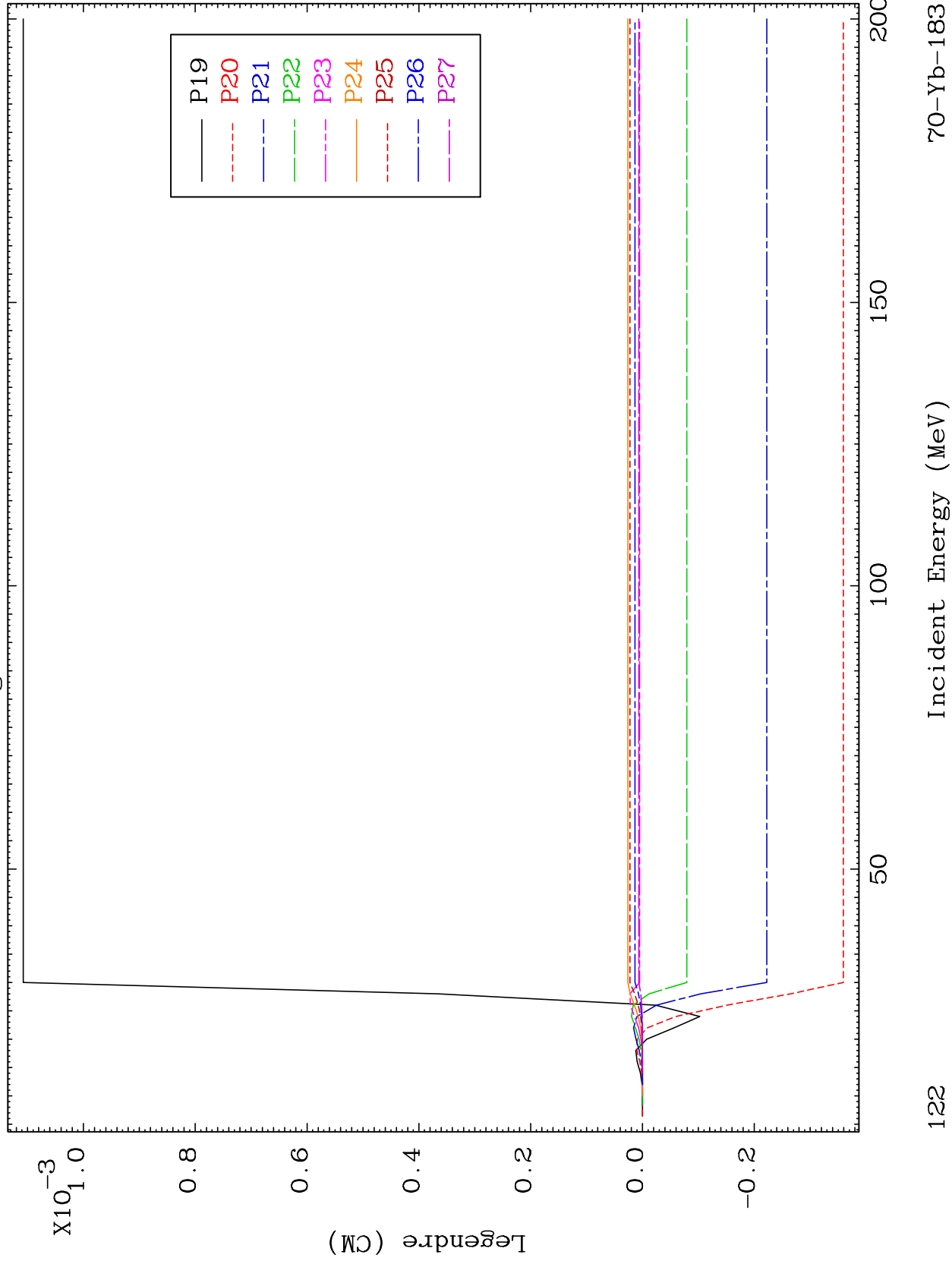




MAT 7070

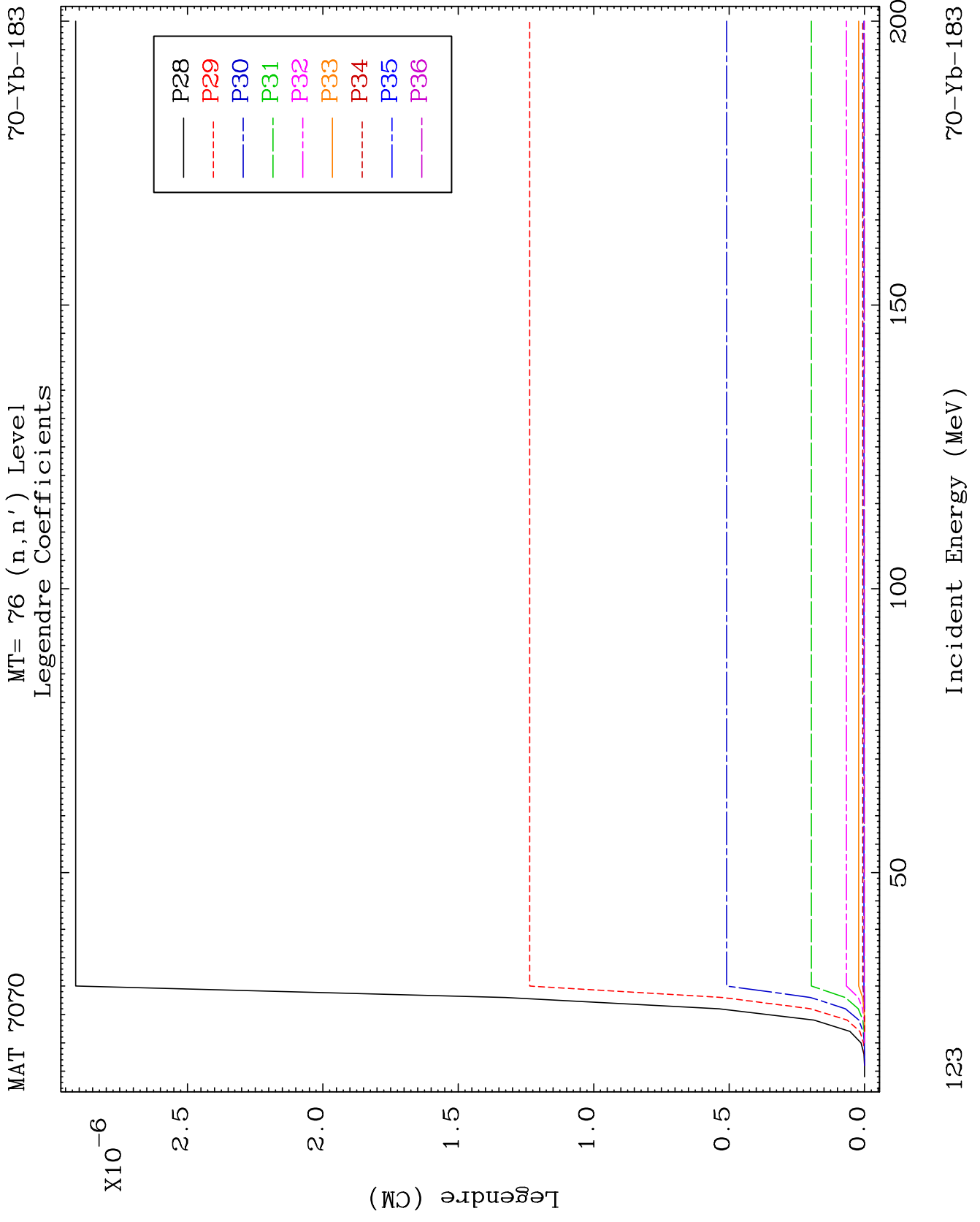
MT= 76 (n,n') Level
Legendre Coefficients

70-Yb-183



122

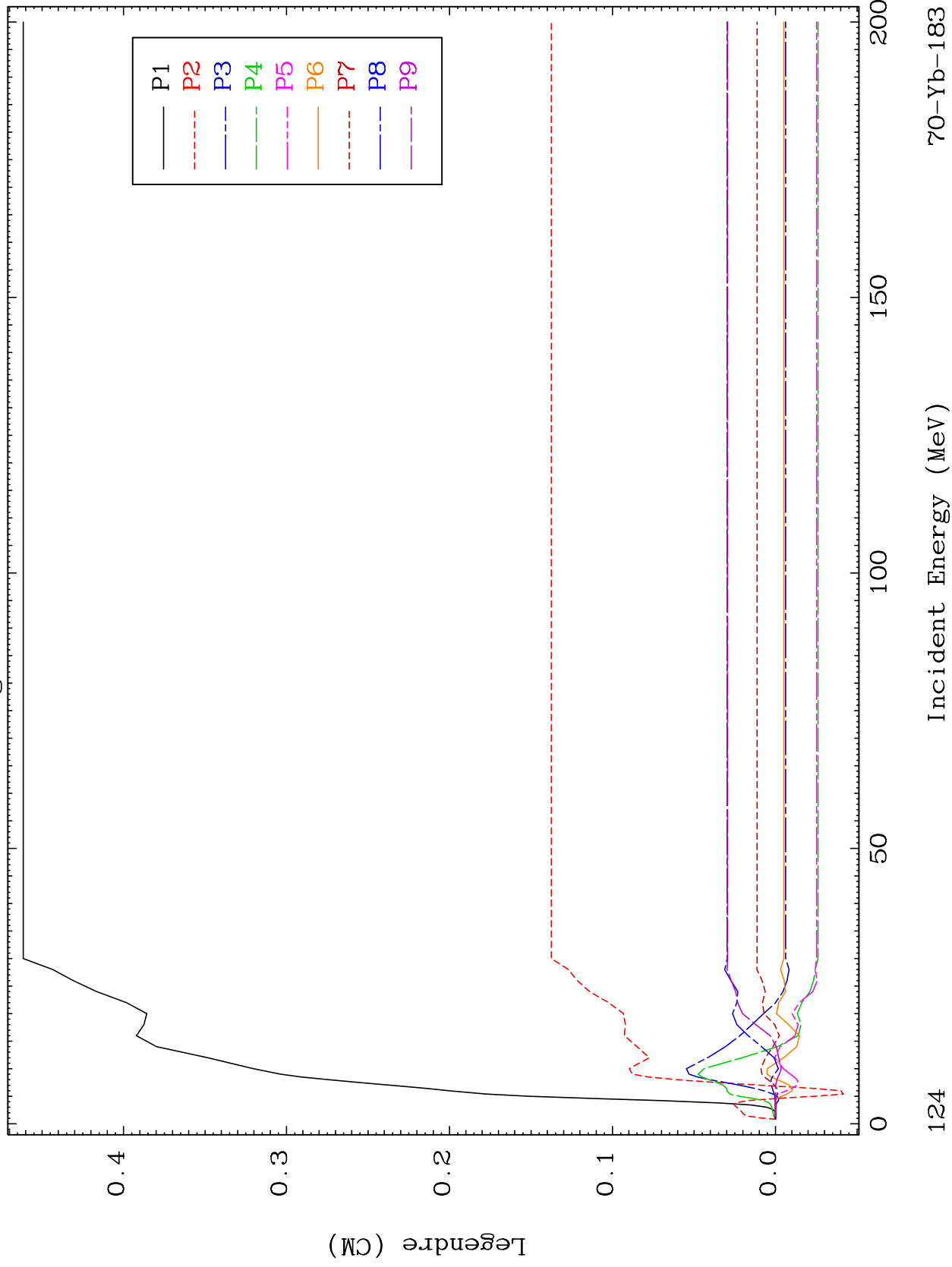
70-Yb-183



MAT 7070

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

70-Yb-183



124

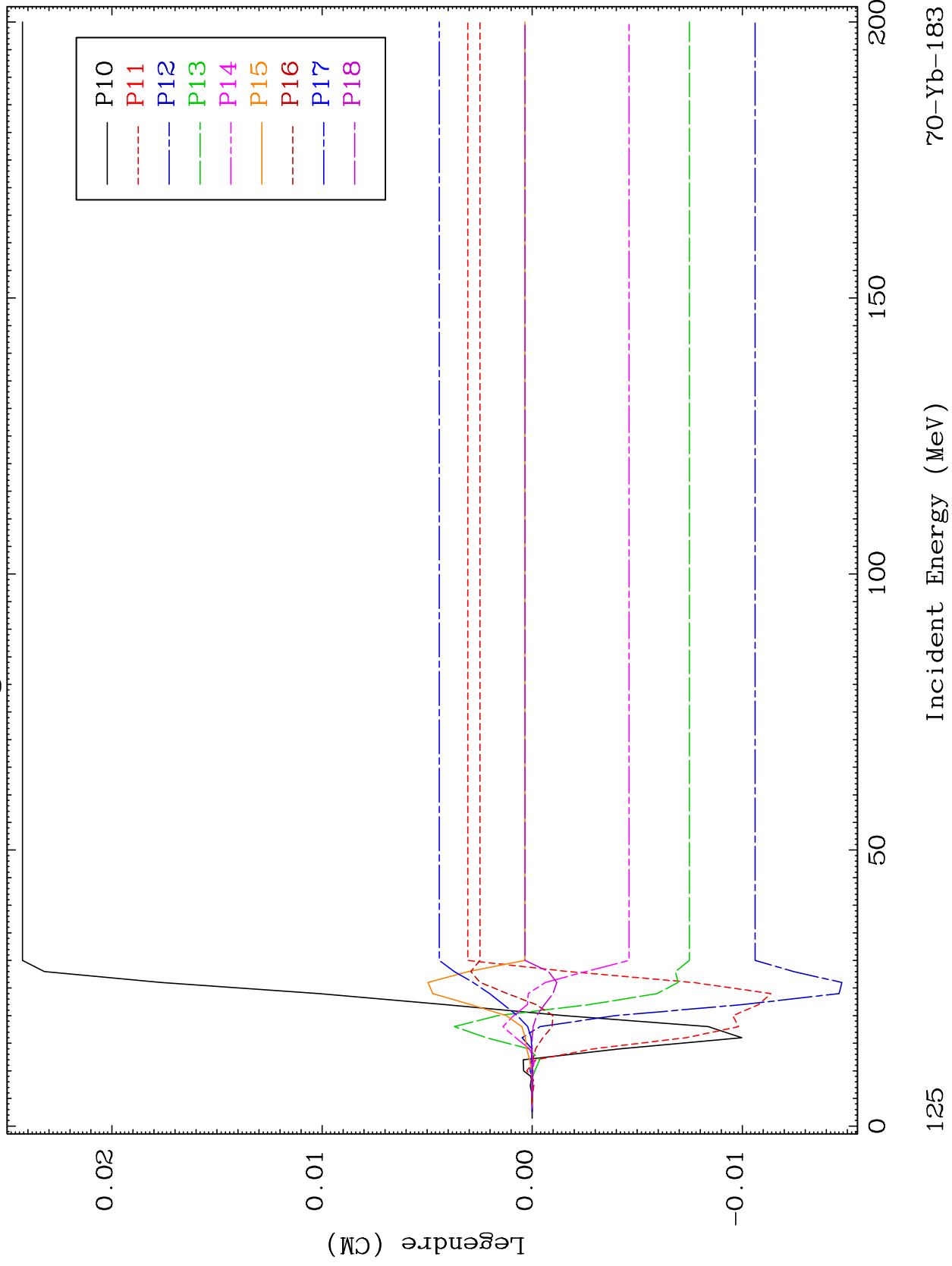
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

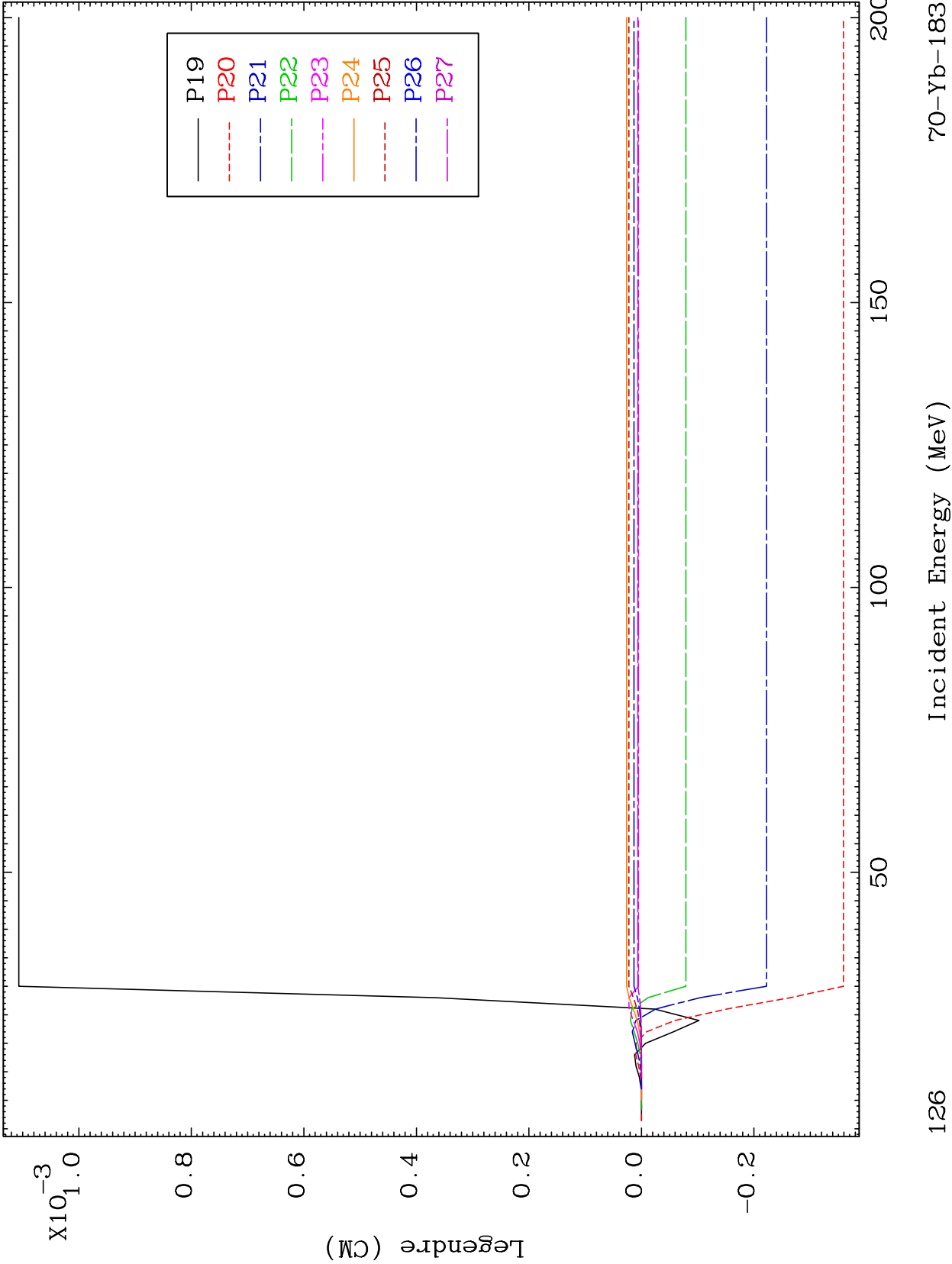
70-Yb-183



MAT 7070

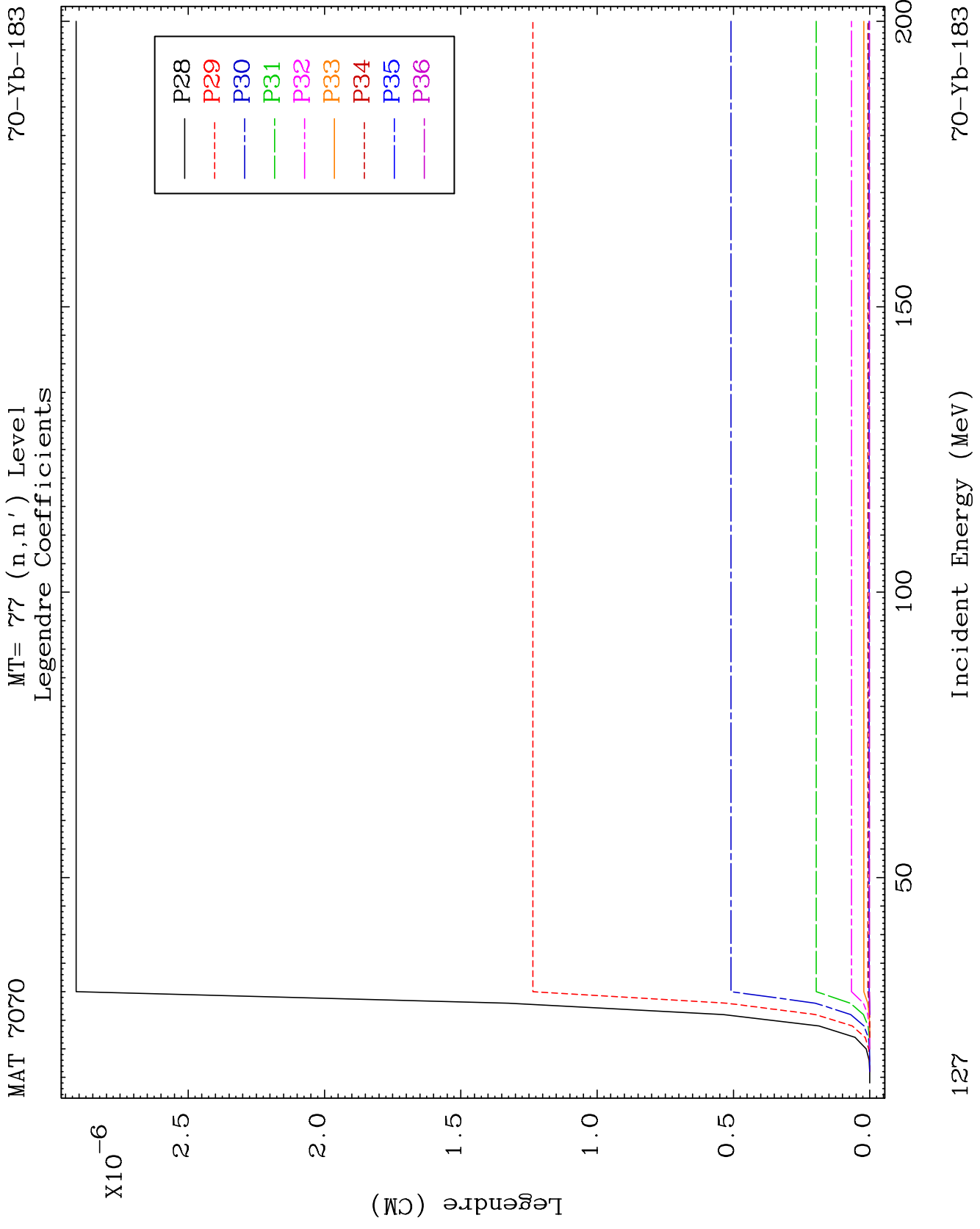
MT= 77 (n,n') Level
Legendre Coefficients

70-Yb-183



126

70-Yb-183



MAT 7070

Fission

70-Yb-183

Radionuclide Production Cross Section

