

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

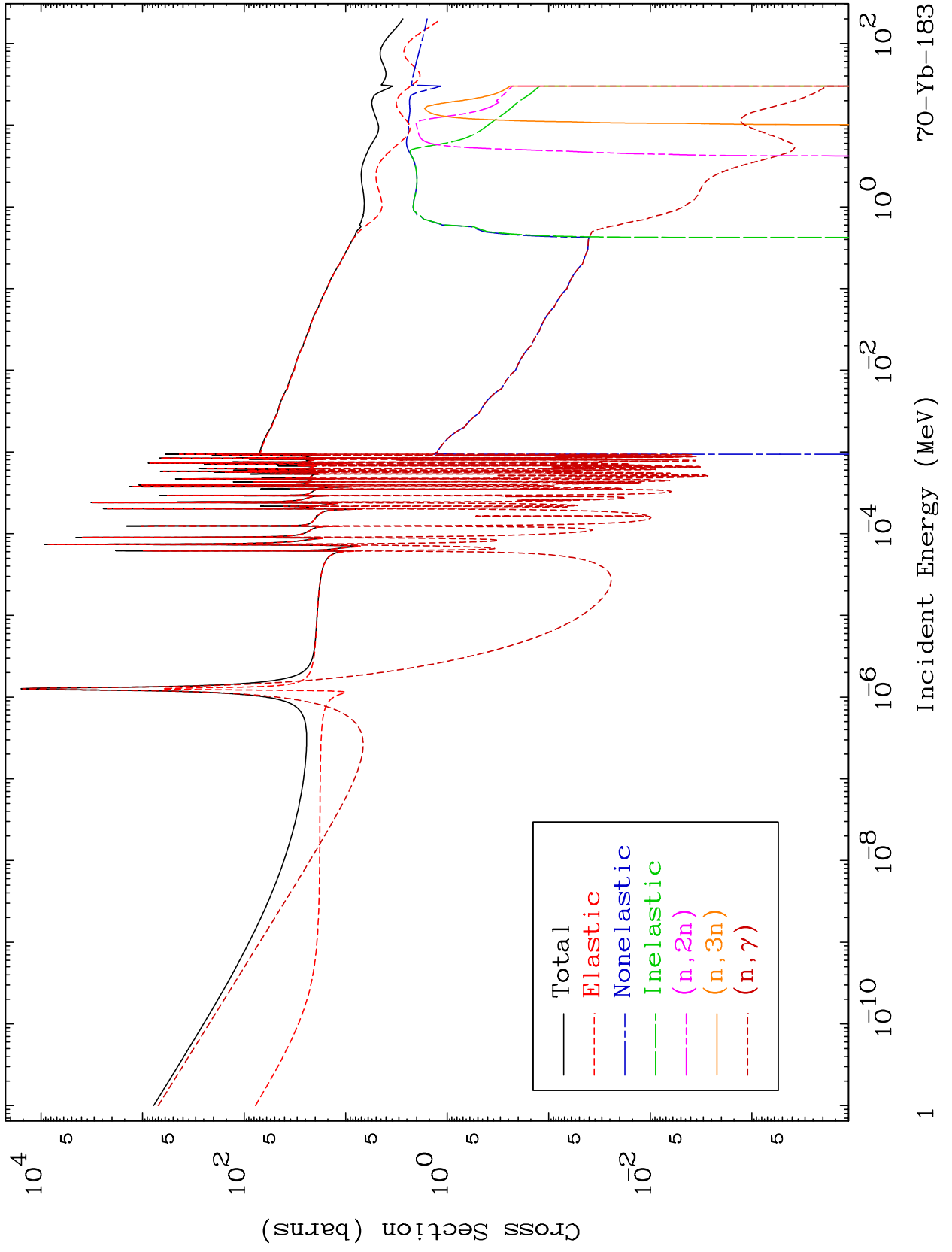
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

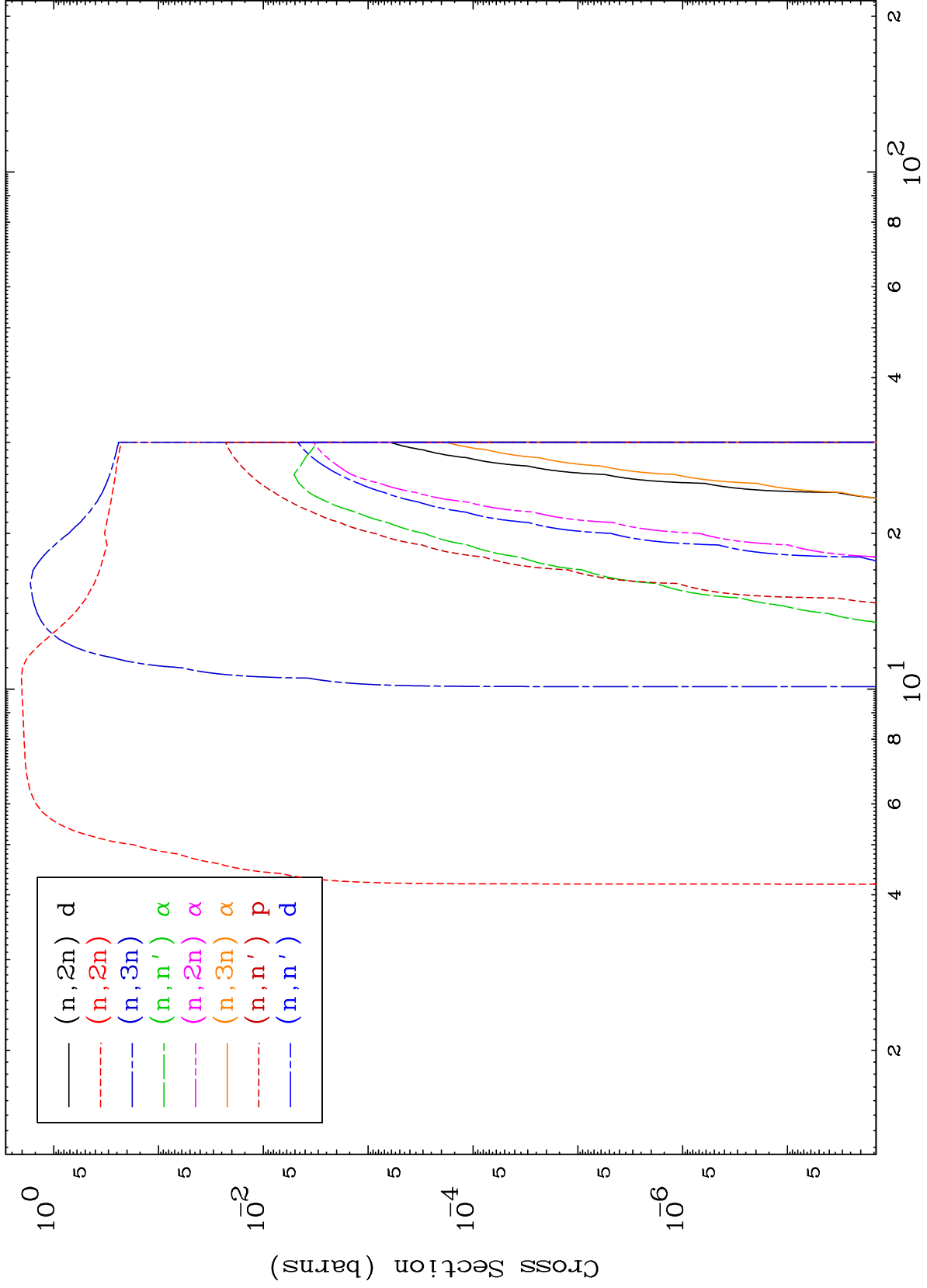
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

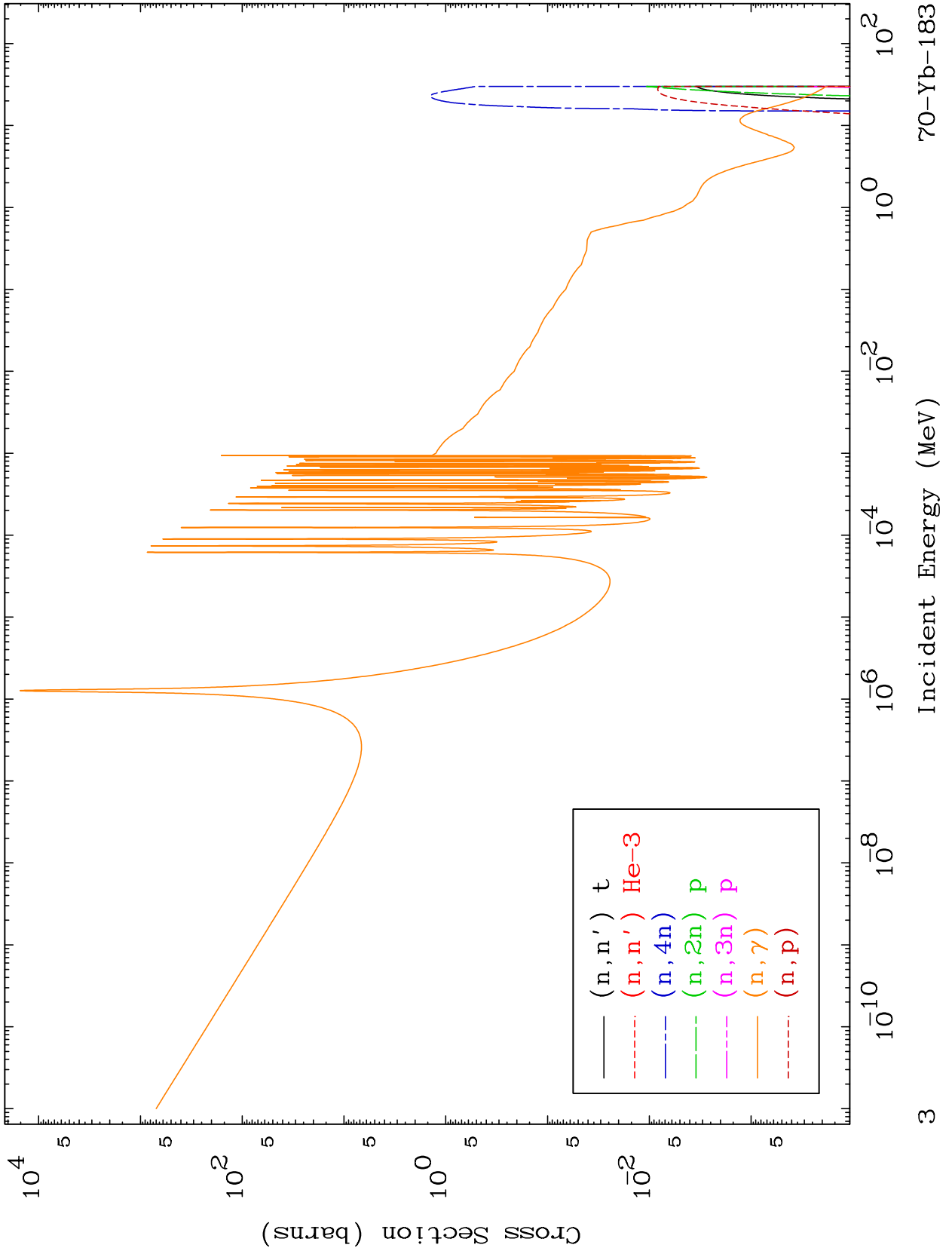




MAT 7070

Neutron Absorption
293 Kelvin Cross Sections

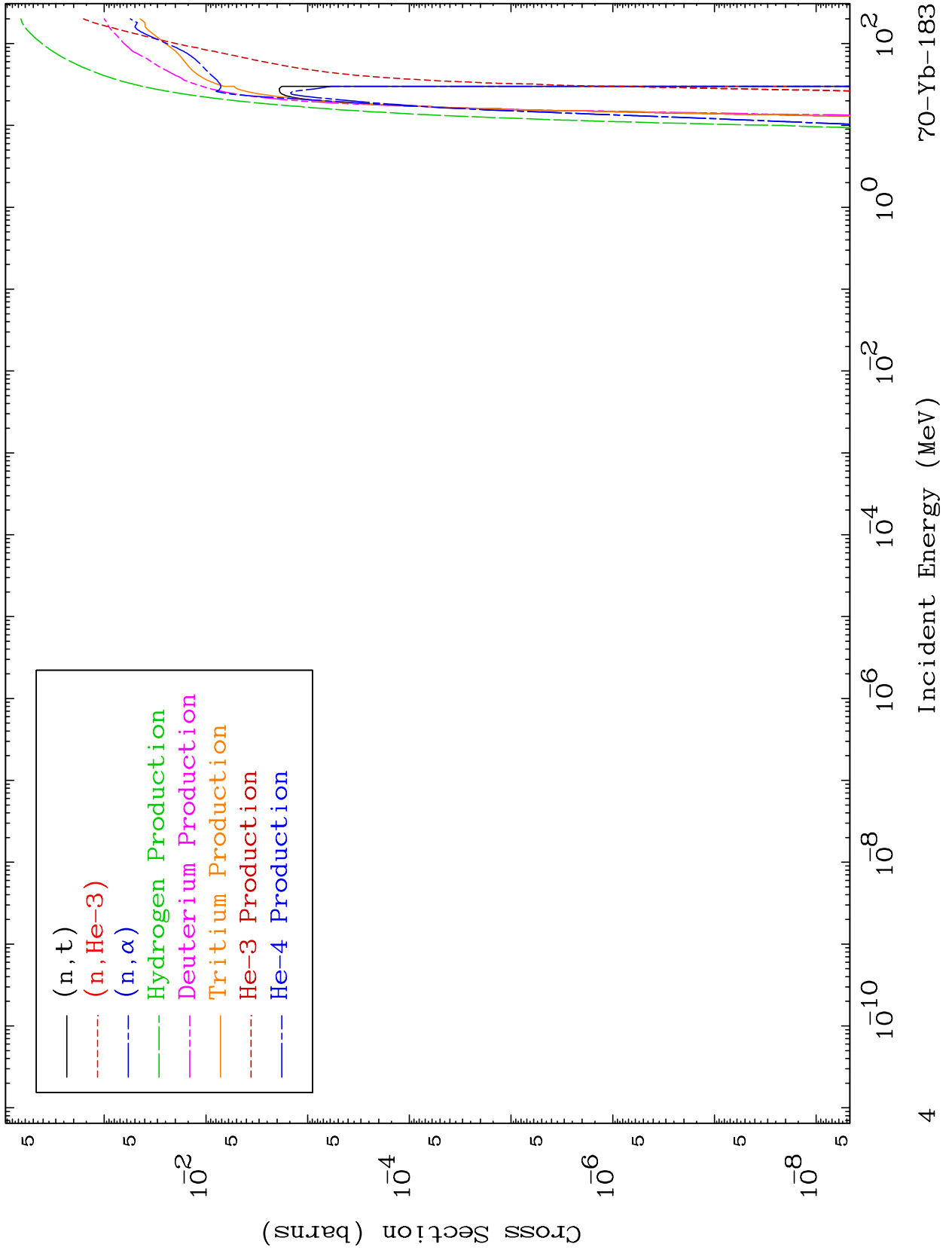
70-Yb-183

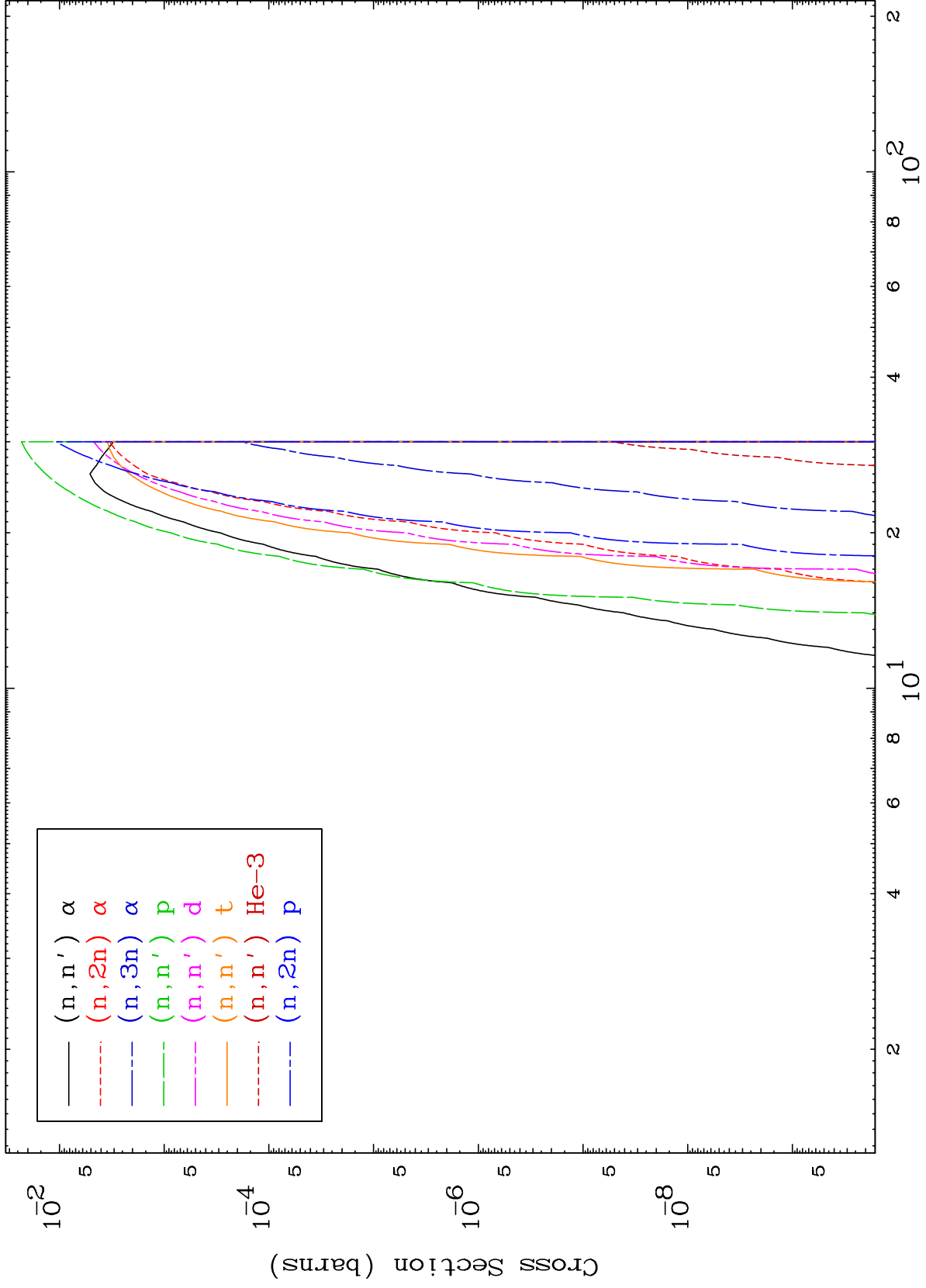


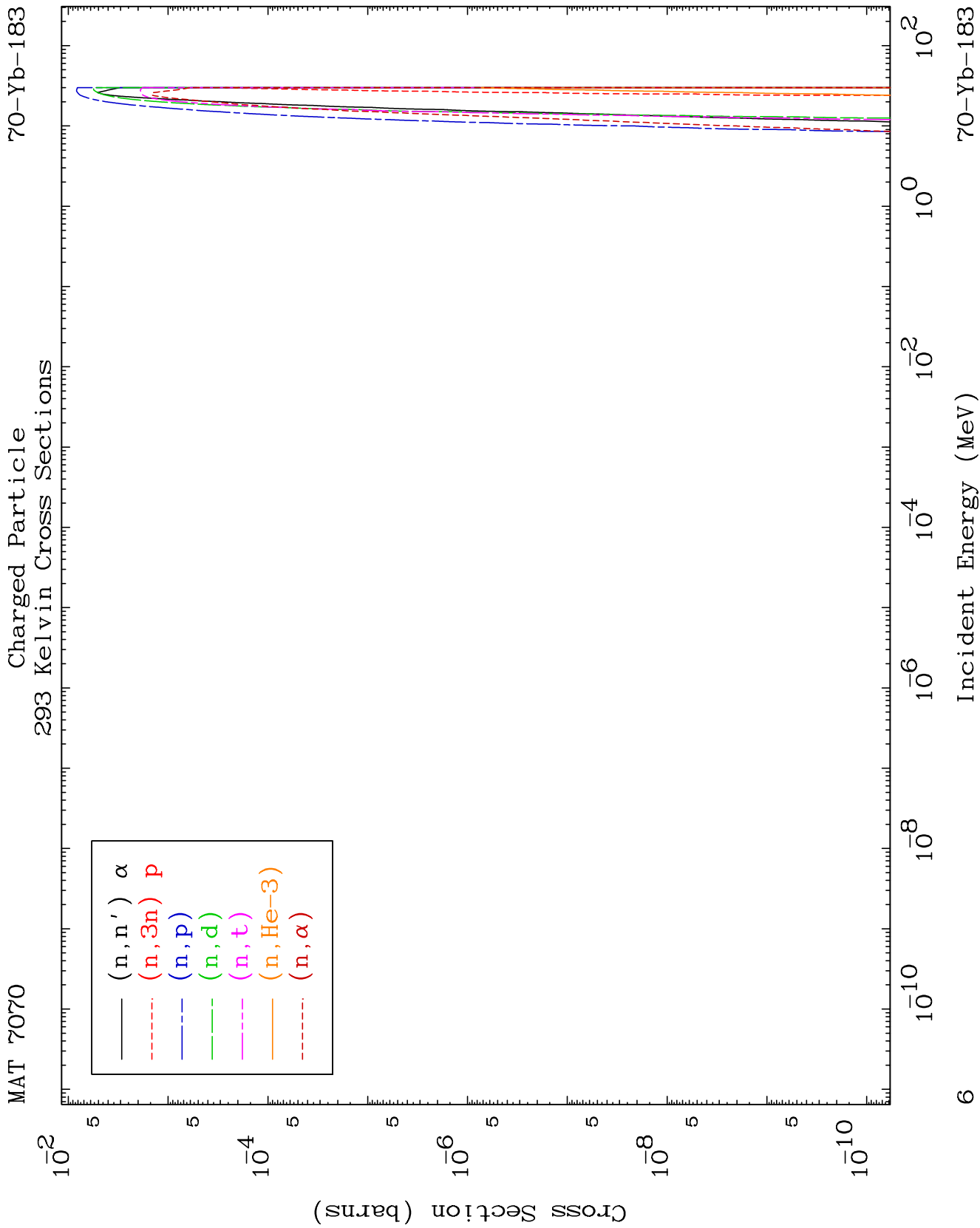
MAT 7070

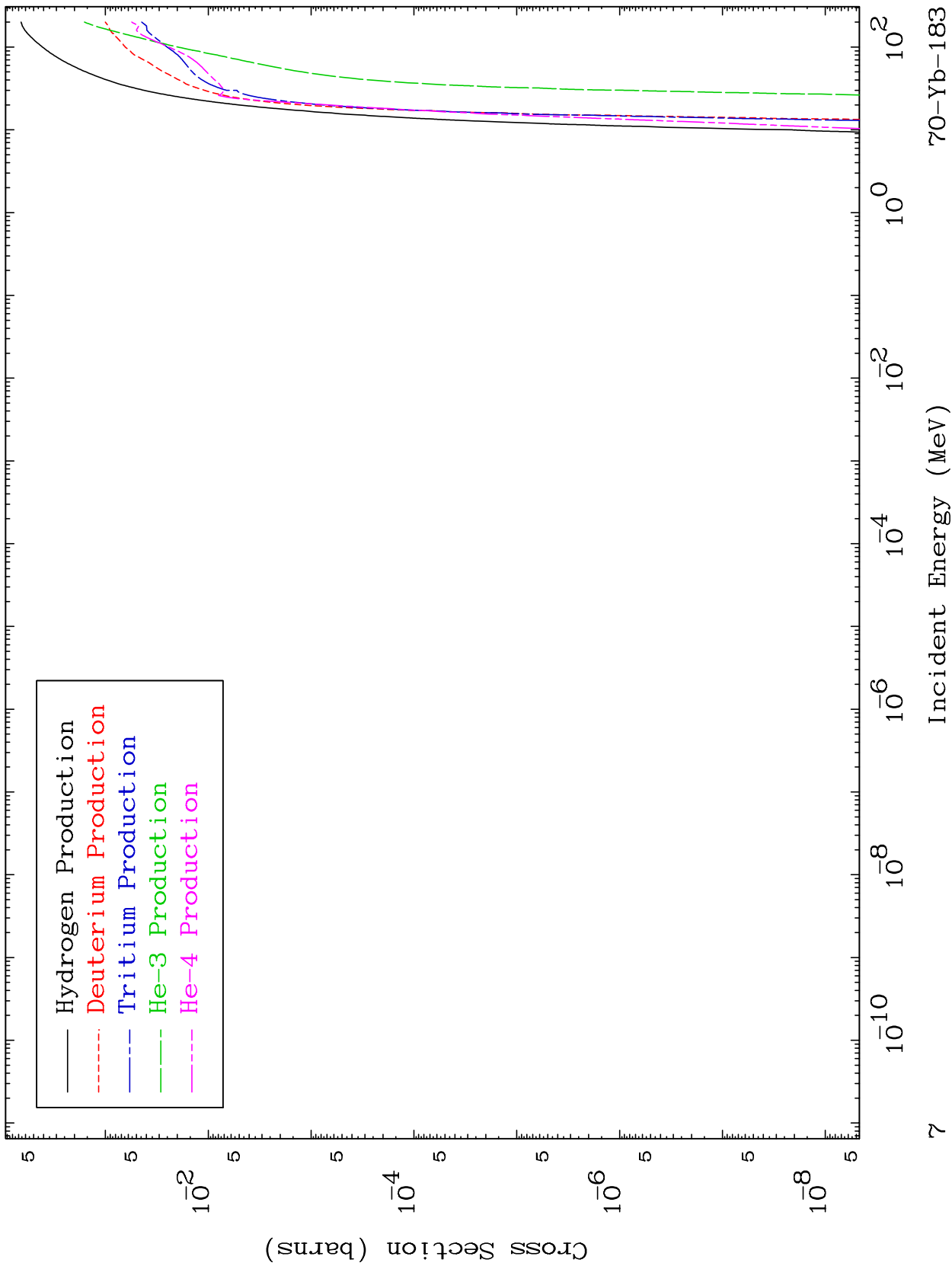
Neutron Absorption
293 Kelvin Cross Sections

70-Yb-183







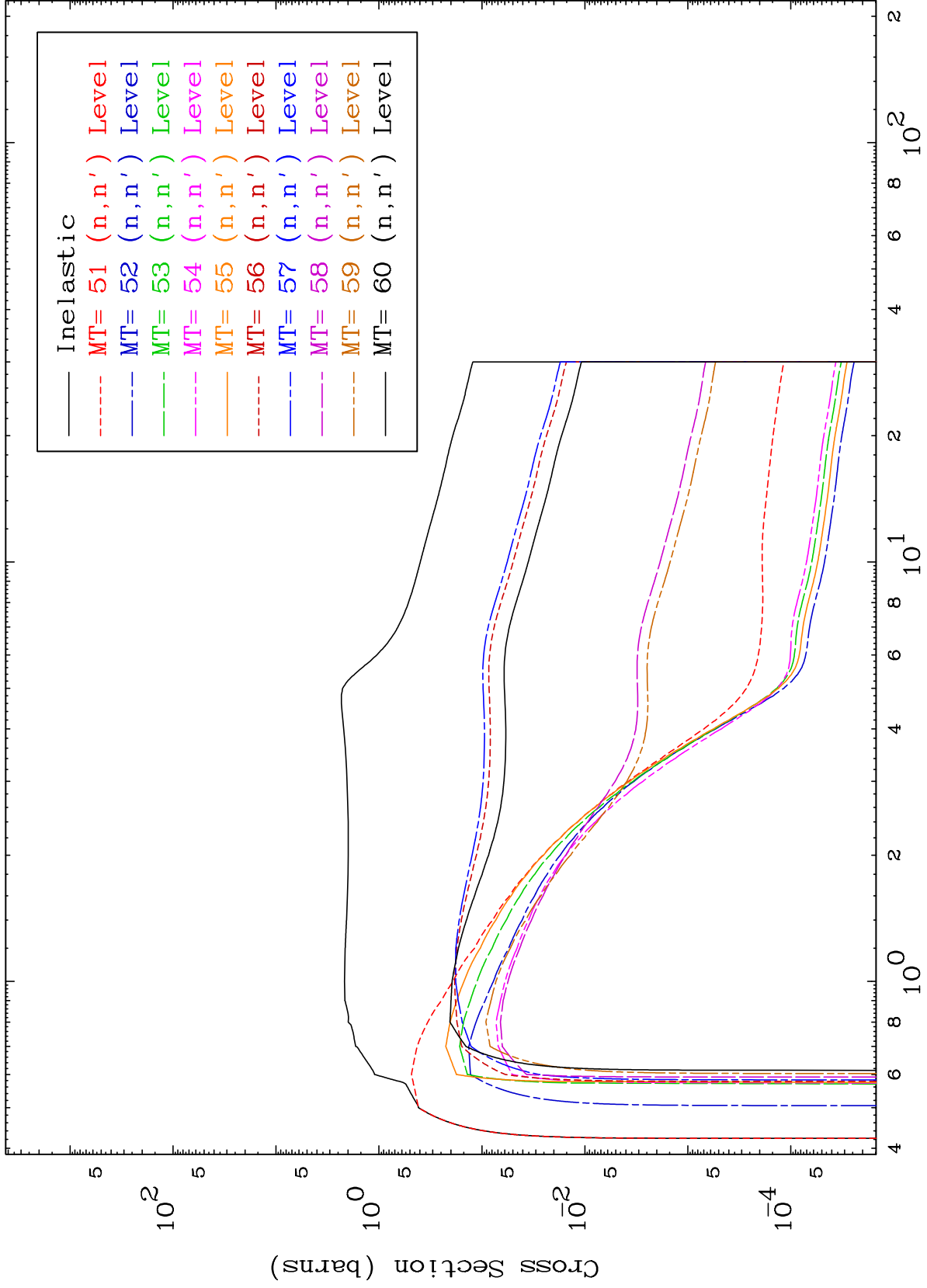


MAT 7070

(n,n') Levels

70-Yb-183

293 Kelvin Cross Sections



8

Incident Energy (MeV)

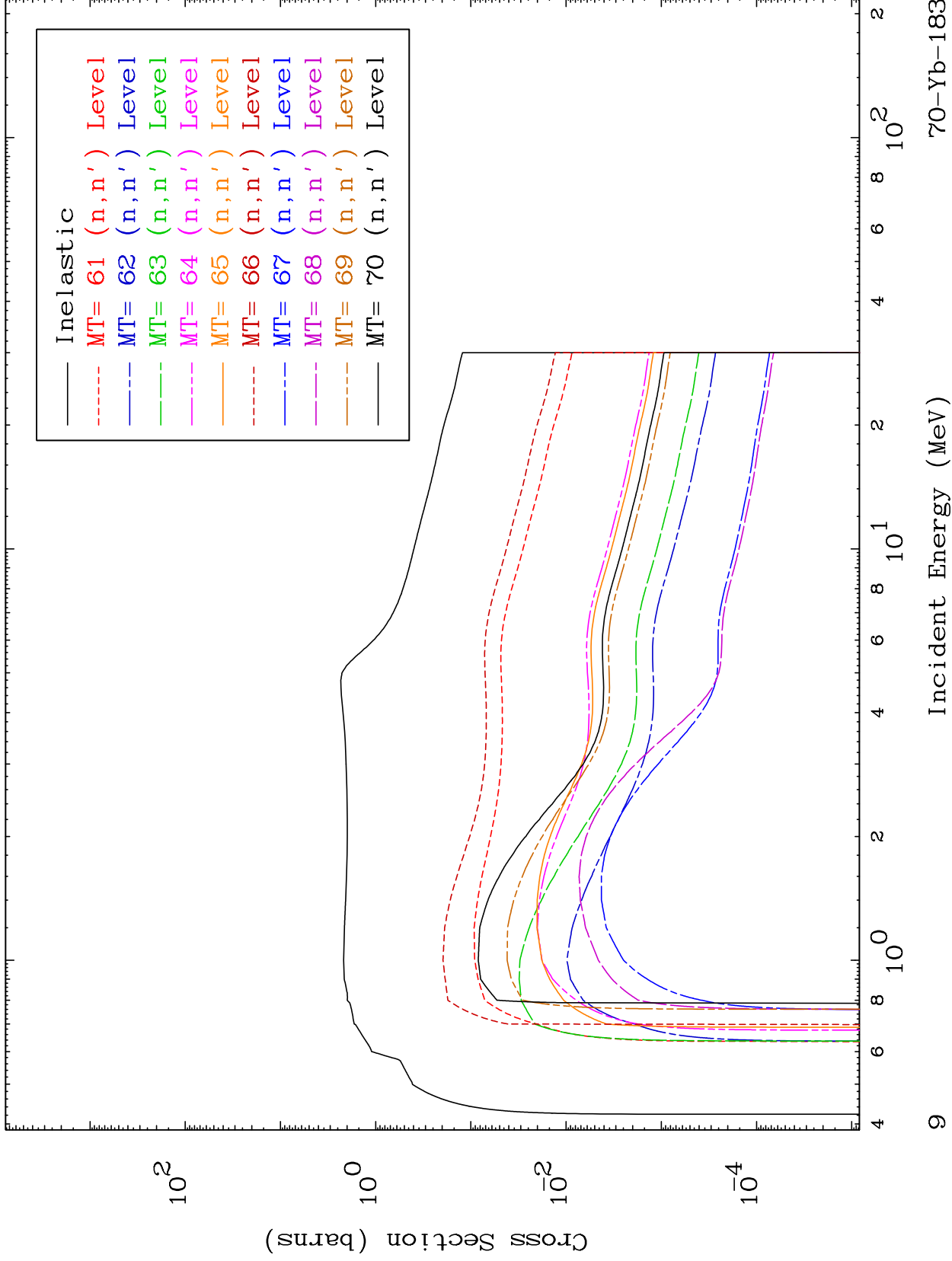
70-Yb-183

MAT 7070

(n,n') Levels

70-Yb-183

293 Kelvin Cross Sections



9

Incident Energy (MeV)

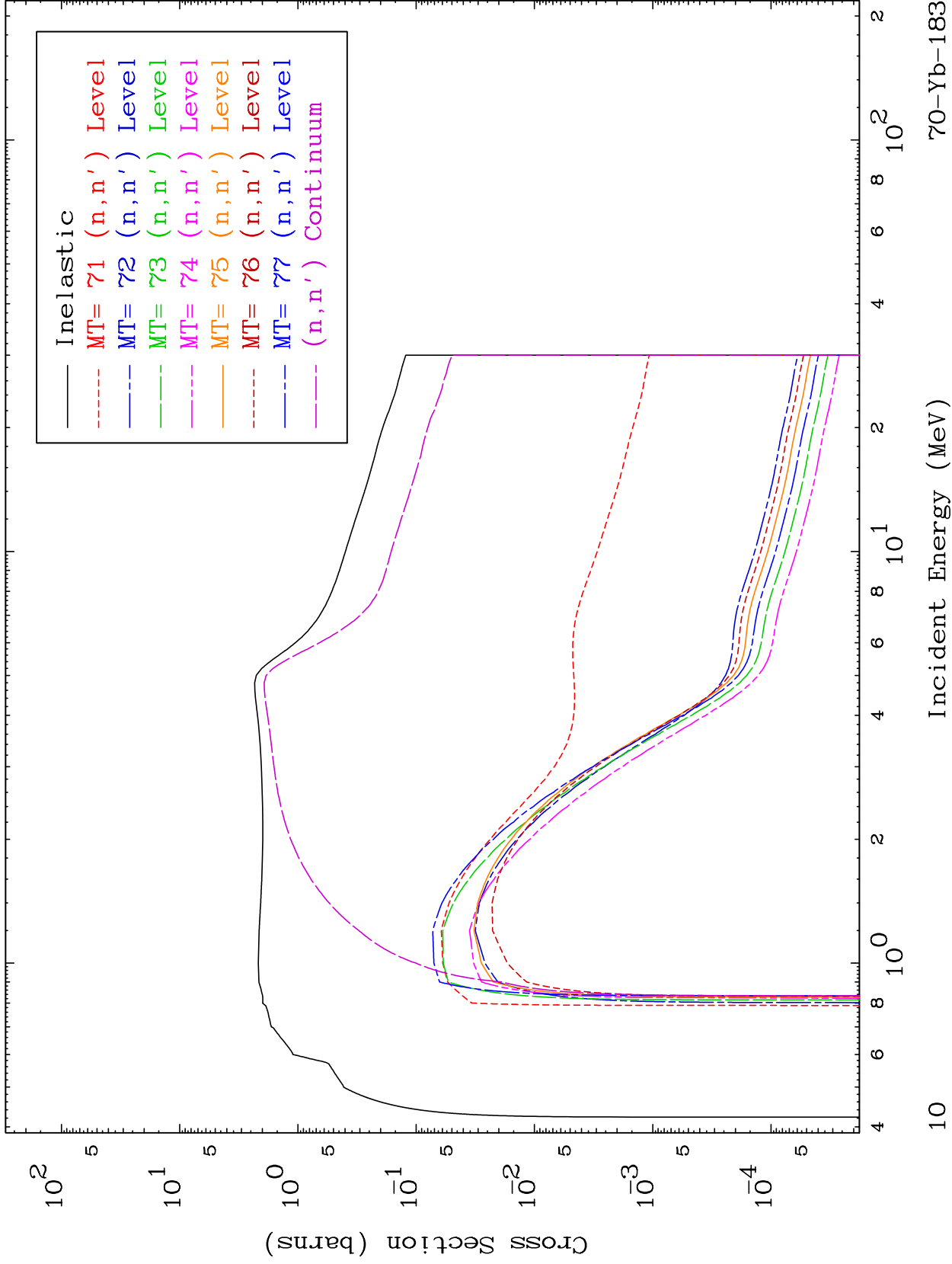
70-Yb-183

MAT 7070

(n,n') Levels

70-Yb-183

293 Kelvin Cross Sections



70-Yb-183

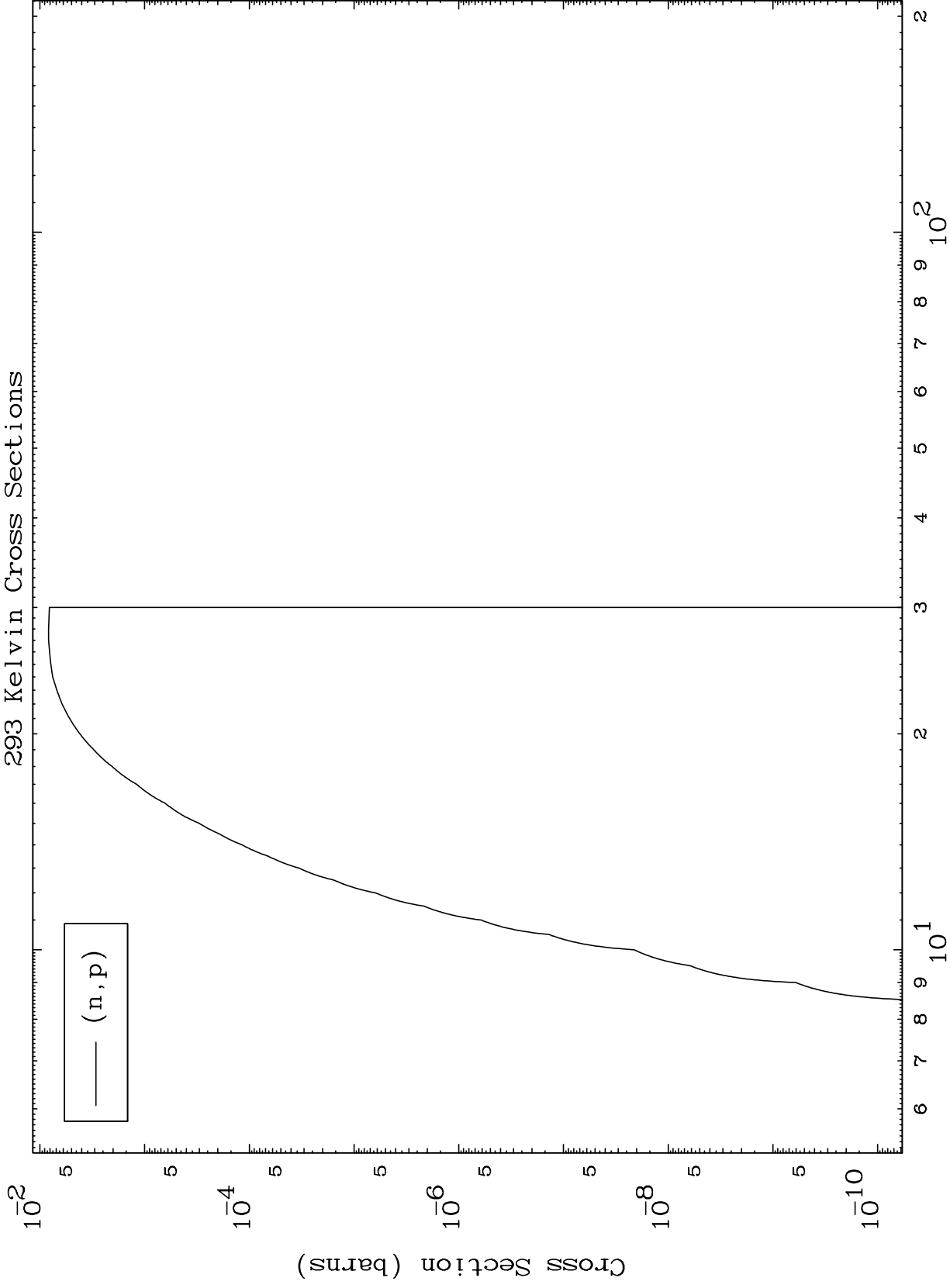
Incident Energy (MeV)

10

MAT 7070

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-183



11

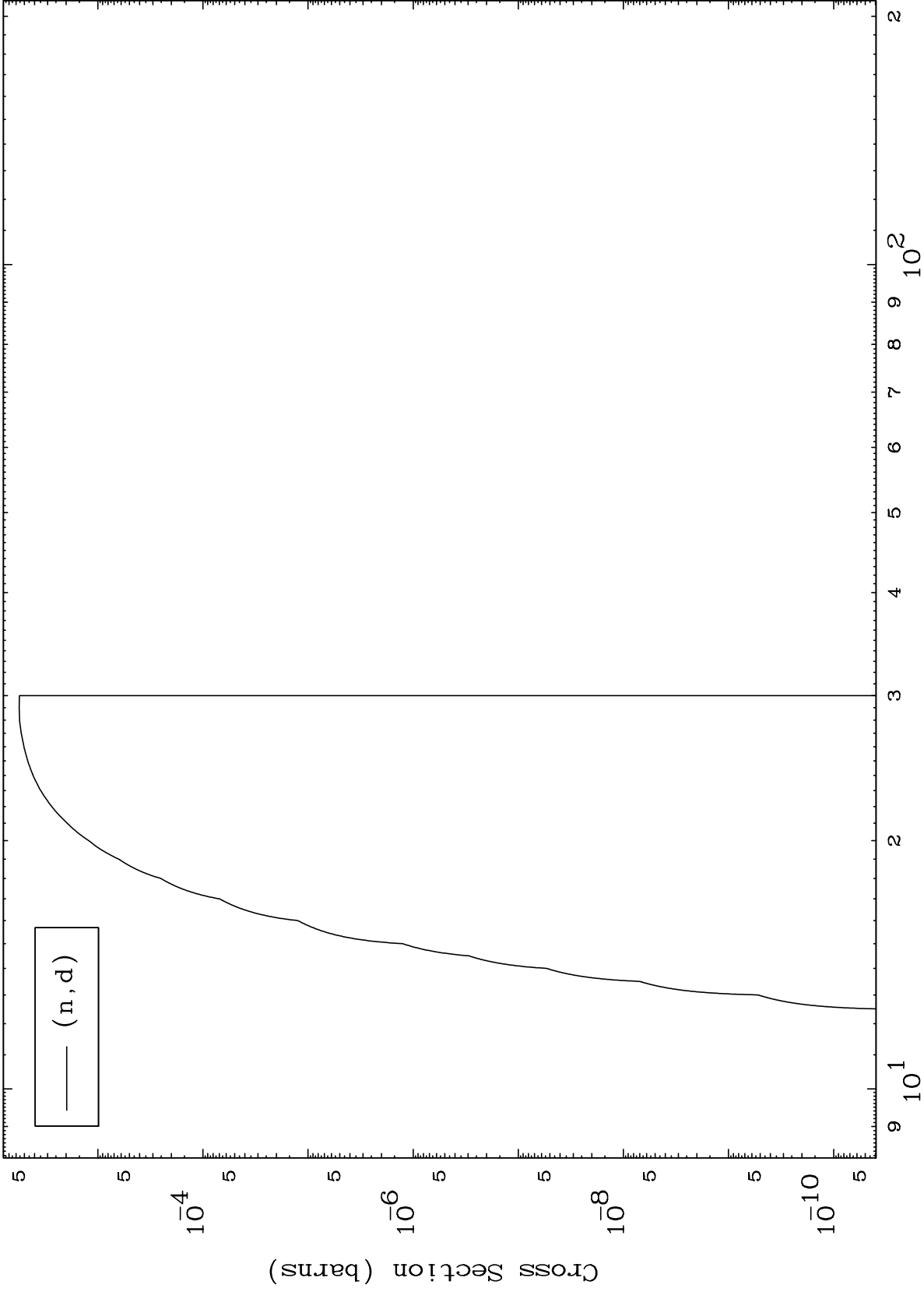
Incident Energy (MeV)

70-Yb-183

MAT 7070

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-183



12

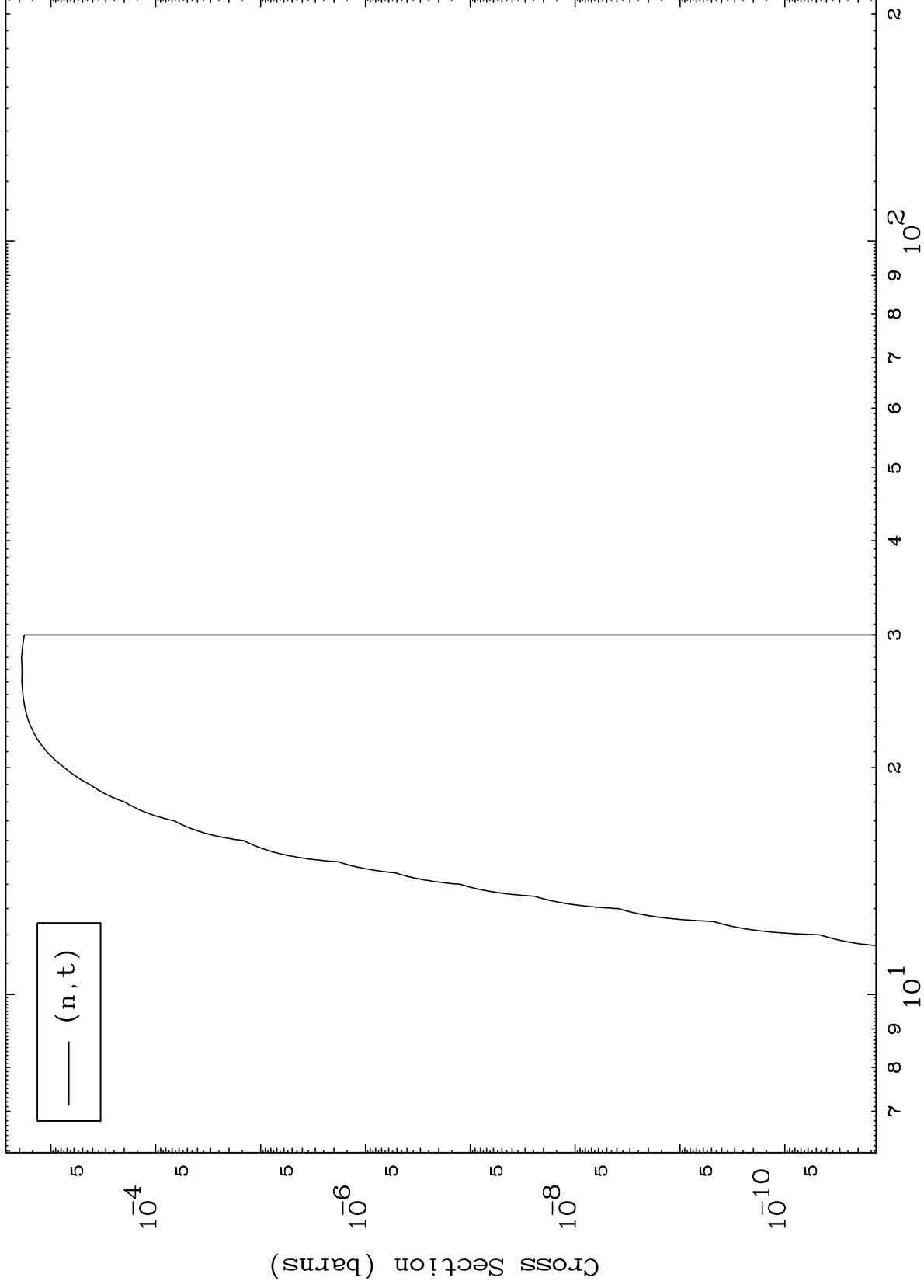
Incident Energy (MeV)

70-Yb-183

MAT 7070

(n, t) Levels
293 Kelvin Cross Sections

70-Yb-183



13

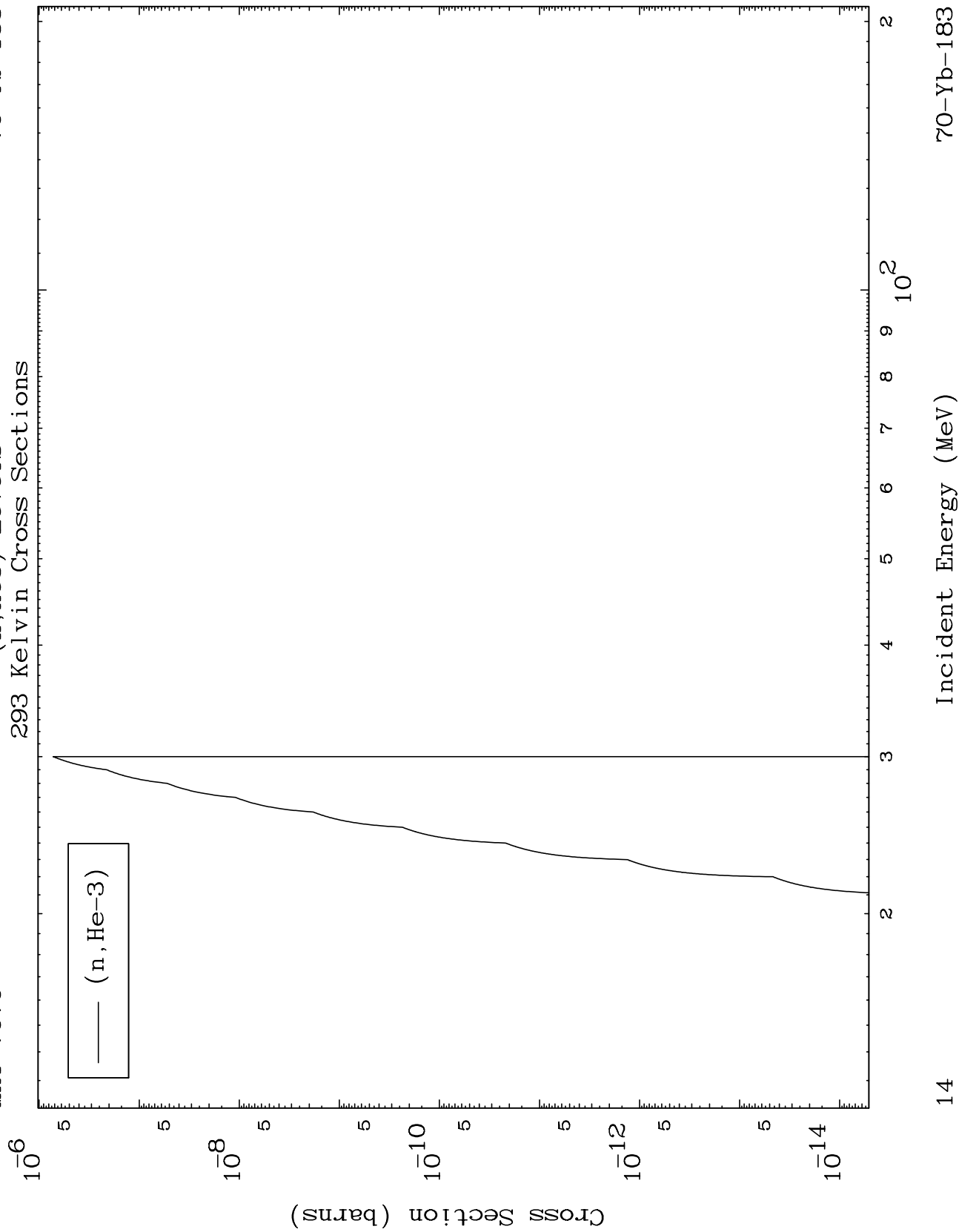
Incident Energy (MeV)

70-Yb-183

MAT 7070

70-Yb-183

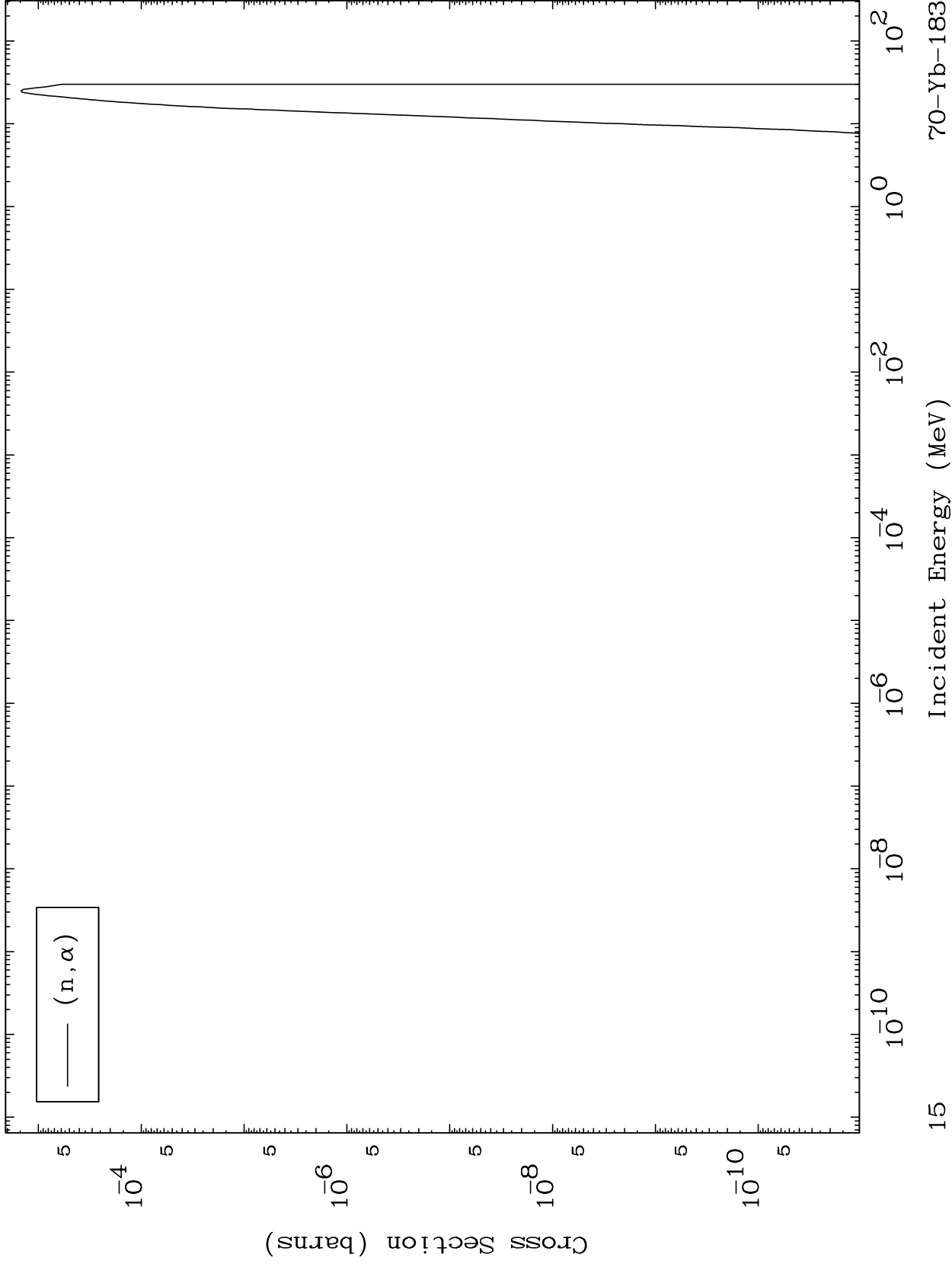
(n,He3) Levels
293 Kelvin Cross Sections



MAT 7070

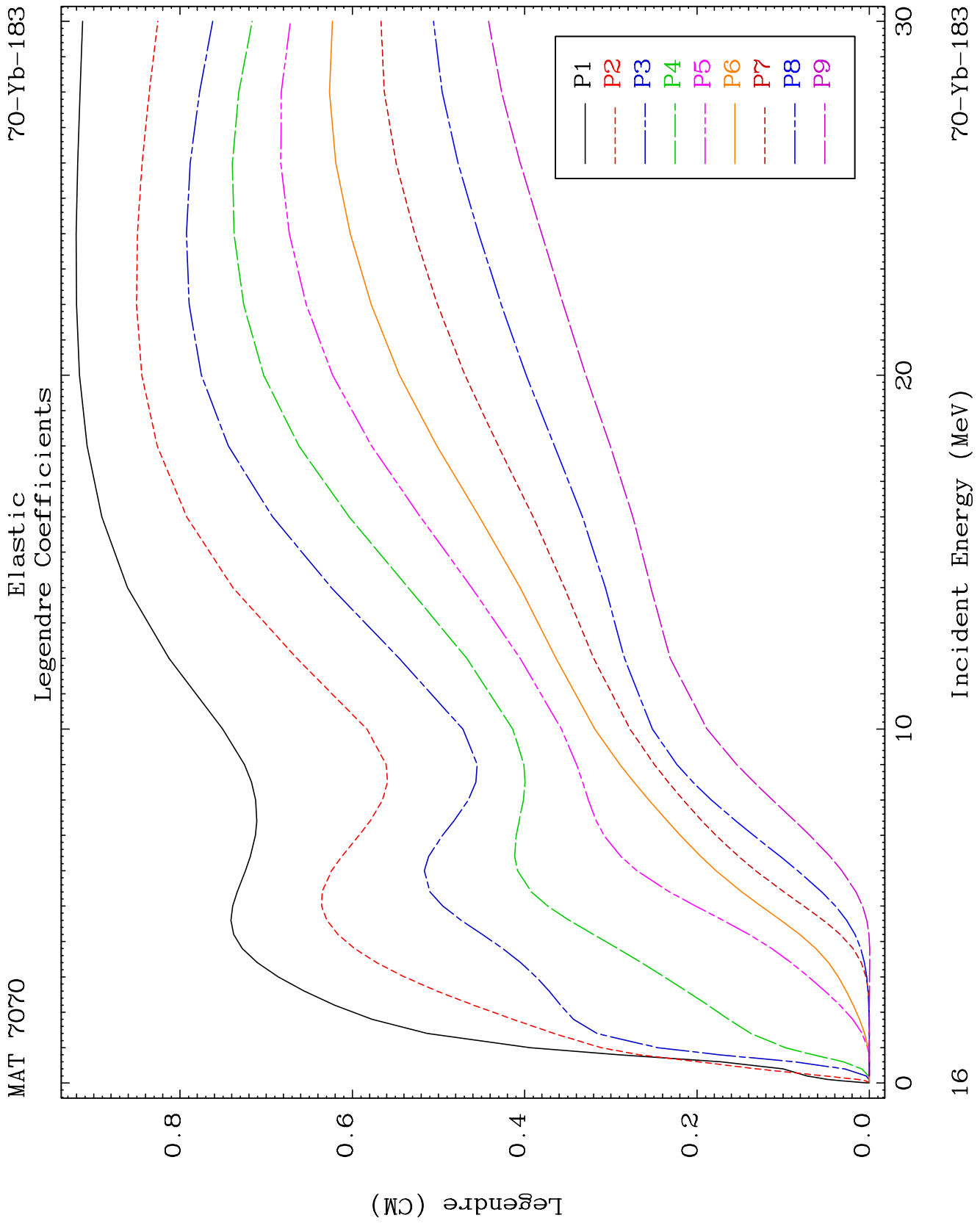
(n, α) Levels
293 Kelvin Cross Sections

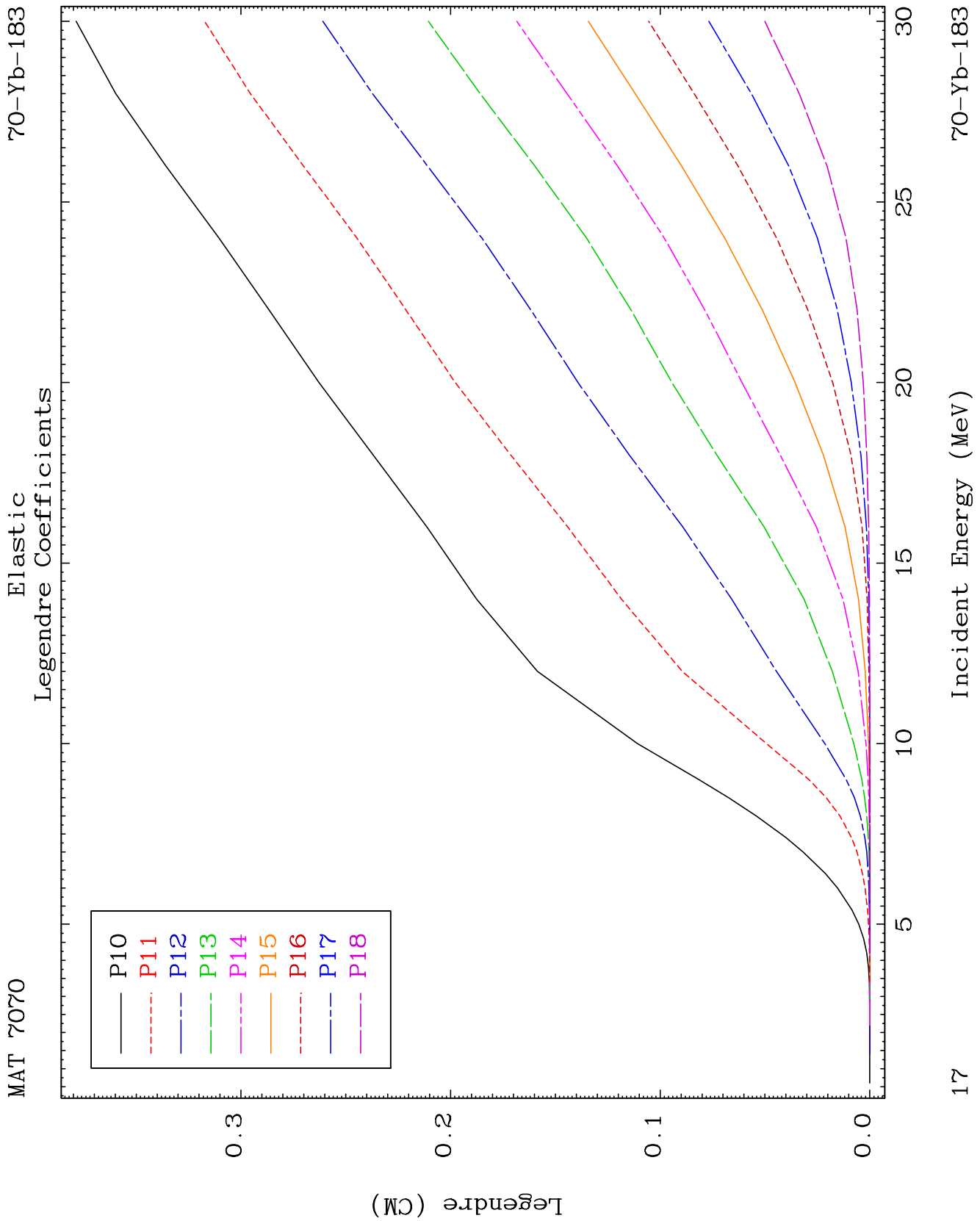
70-Yb-183



15

70-Yb-183

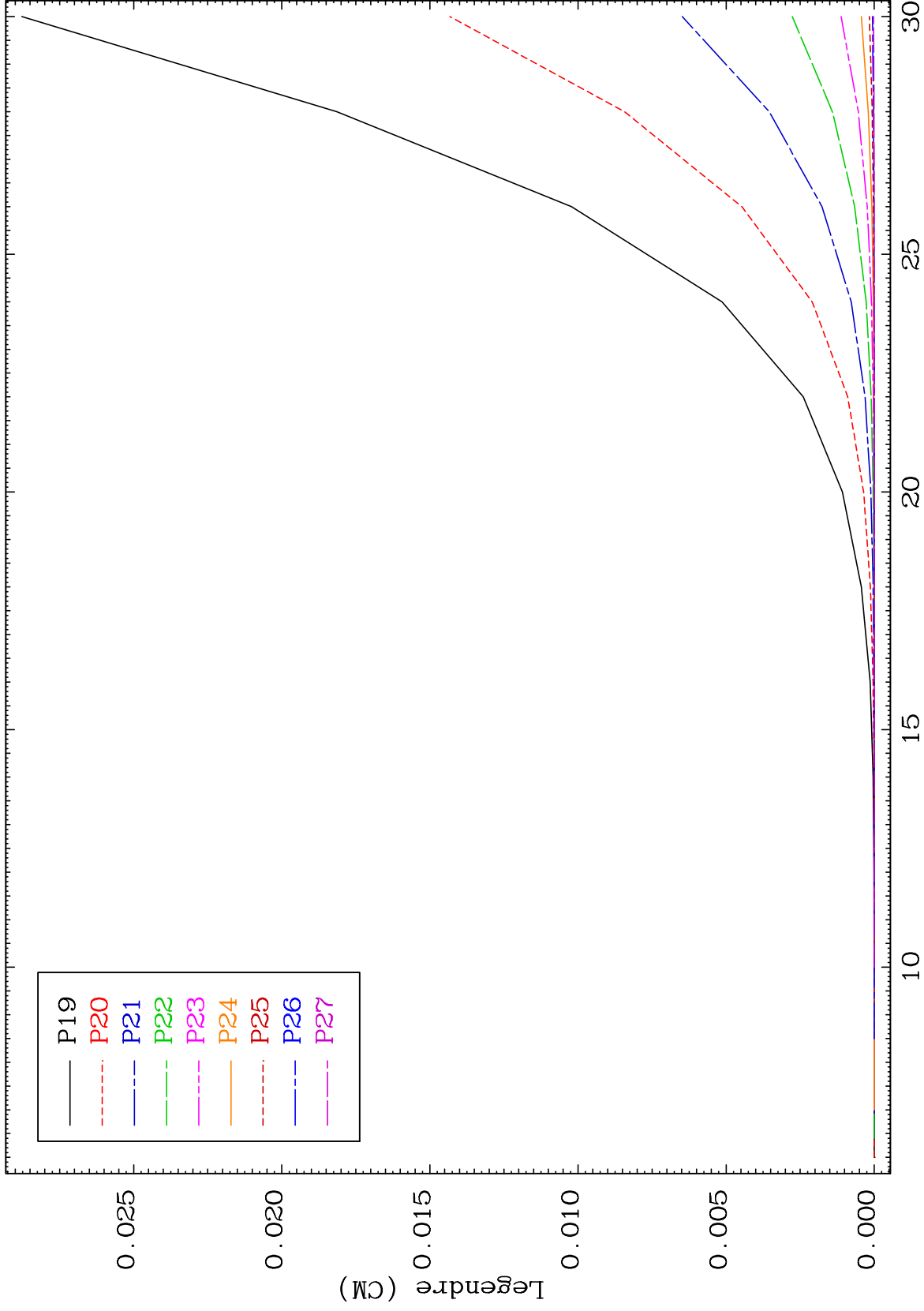




MAT 7070

Elastic
Legendre Coefficients

70-Yb-183



18

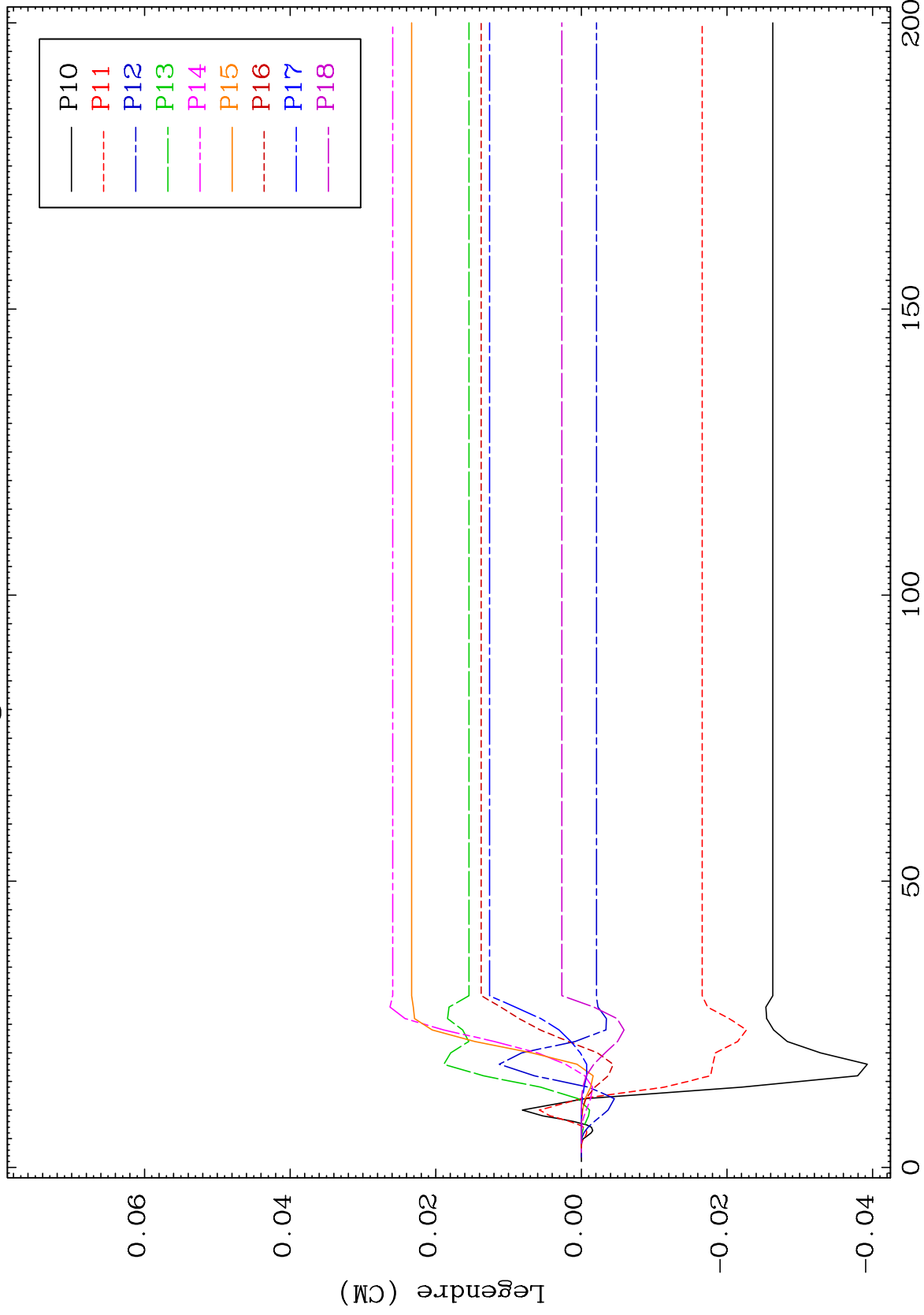
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



21

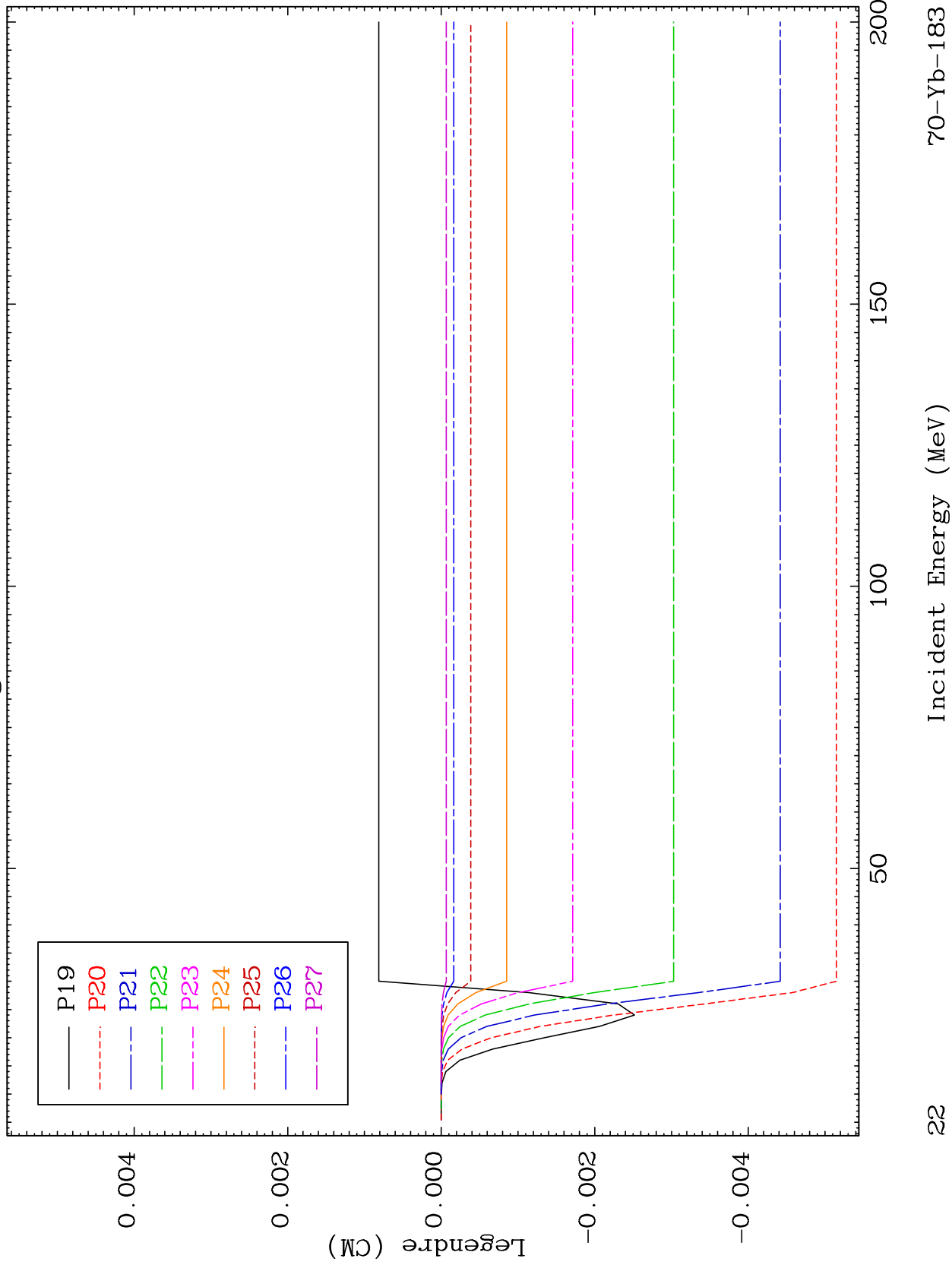
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

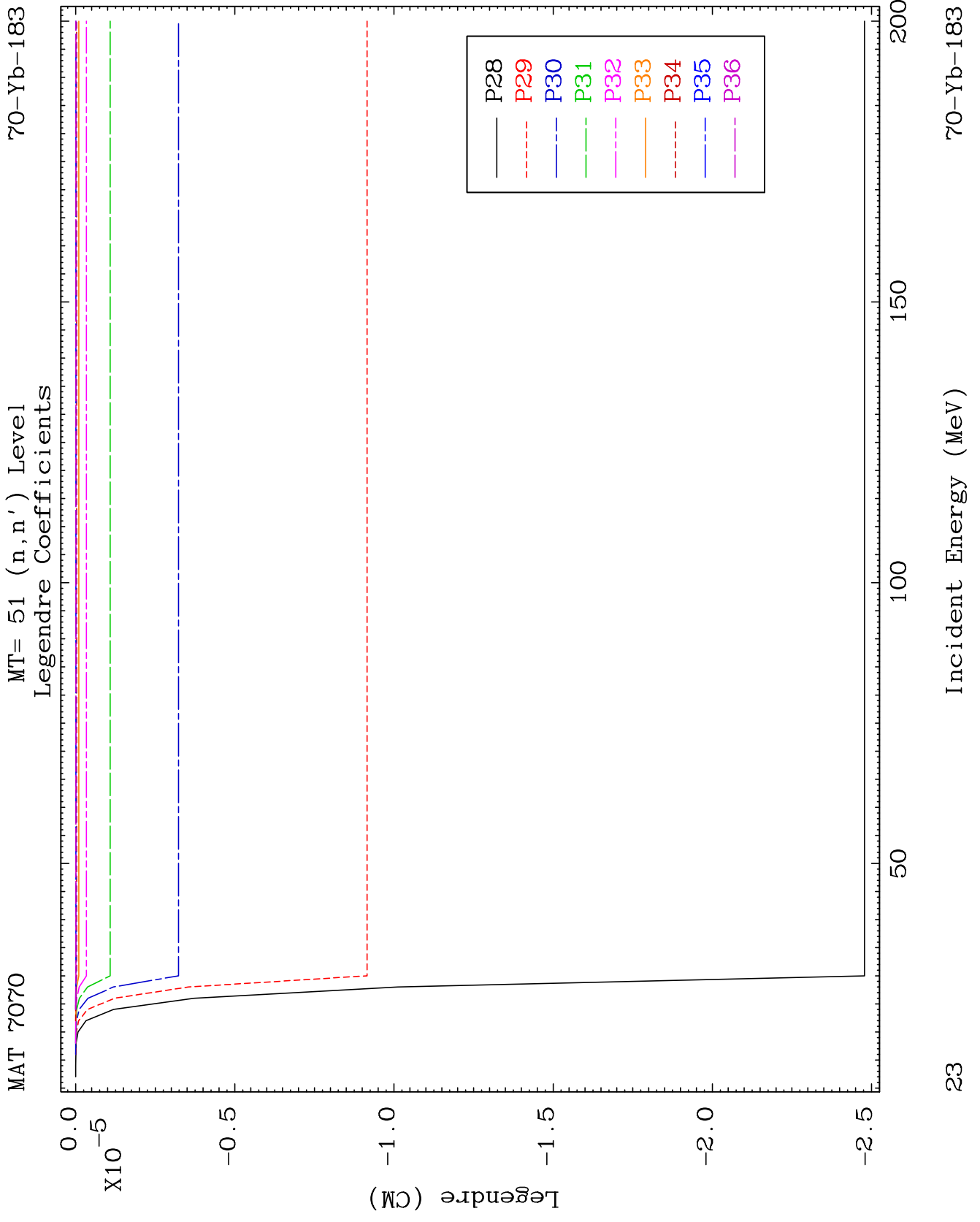
70-Yb-183



22

Incident Energy (MeV)

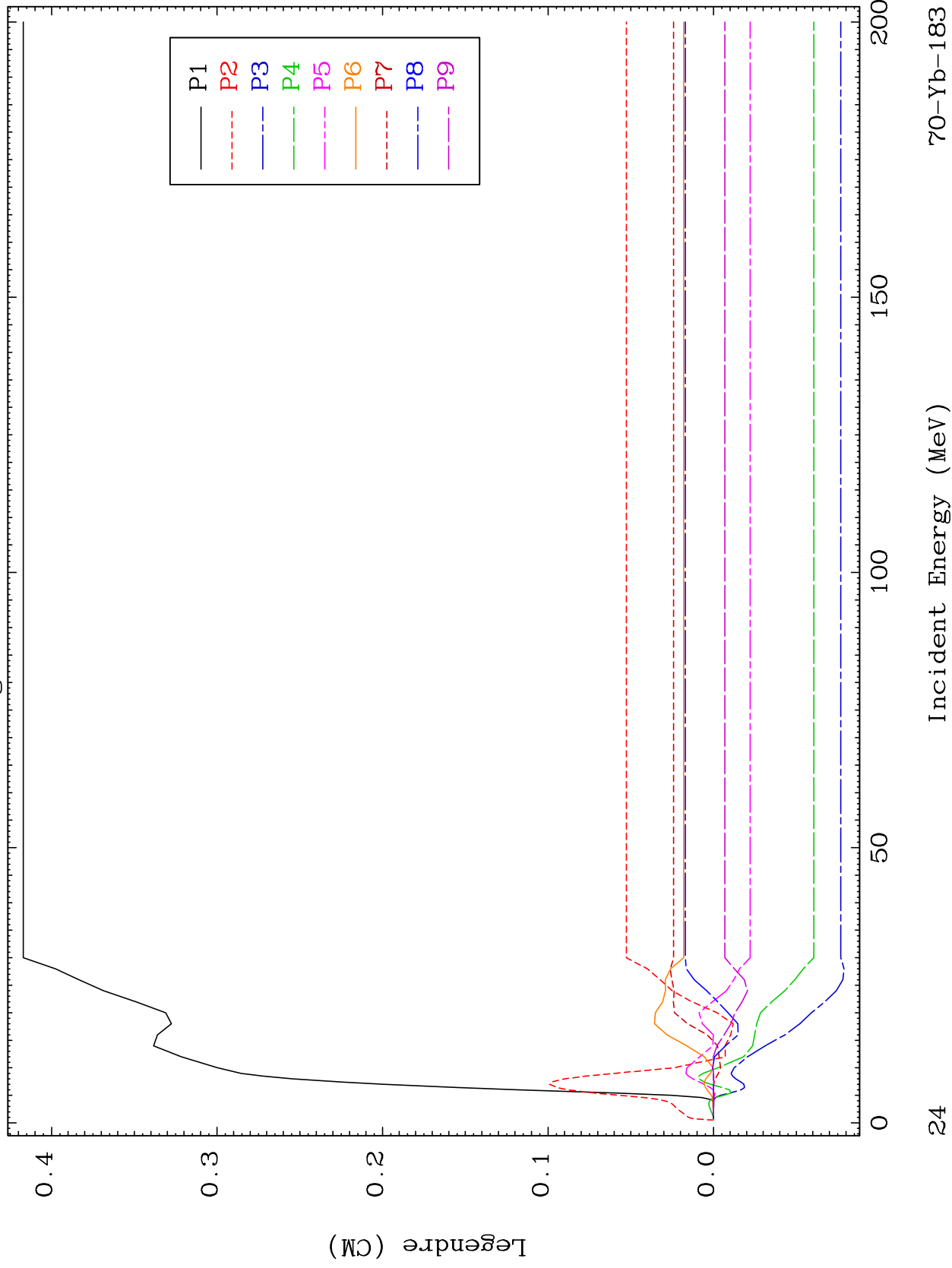
70-Yb-183



MAT 7070

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

70-Yb-183



24

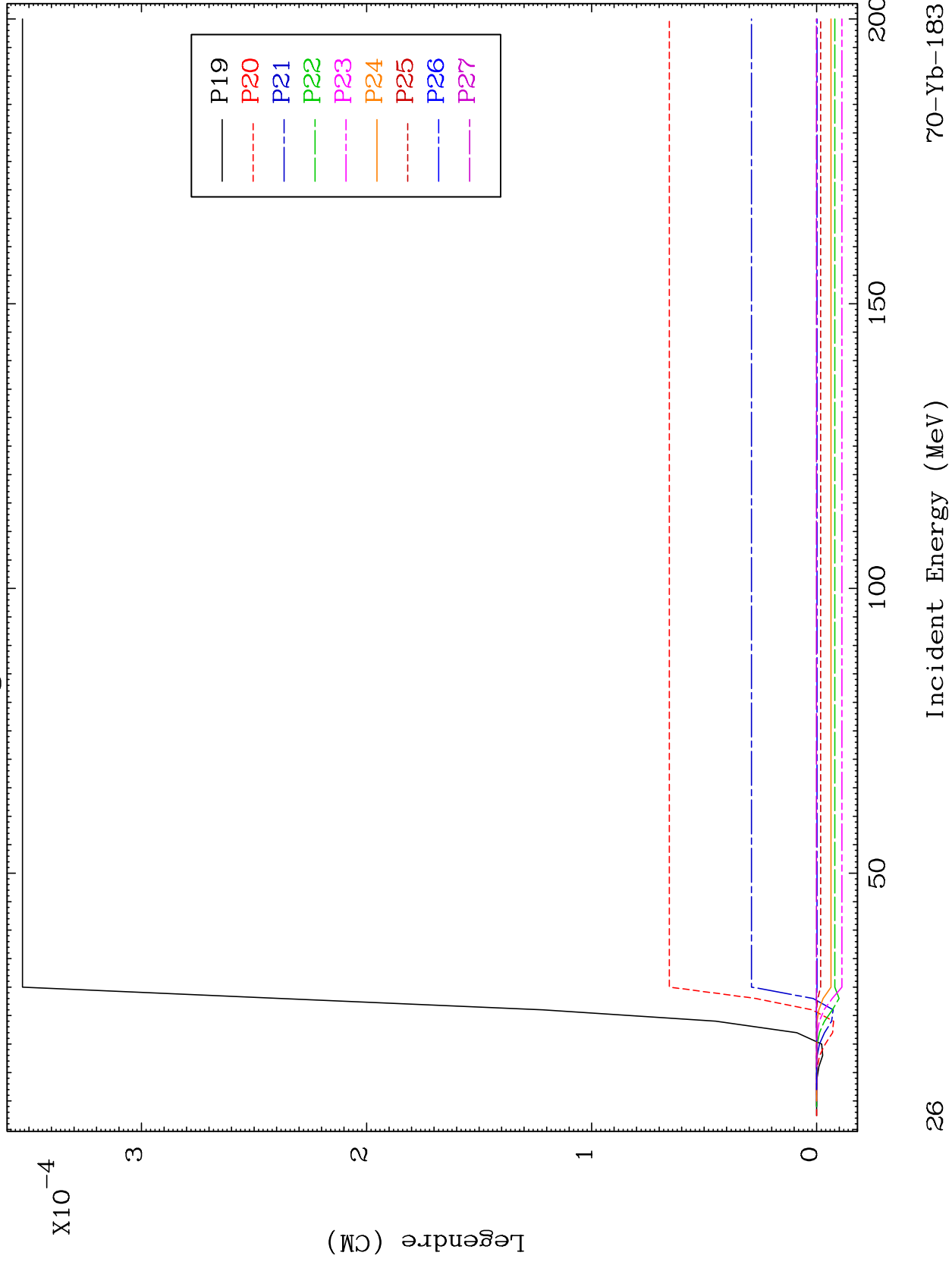
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183

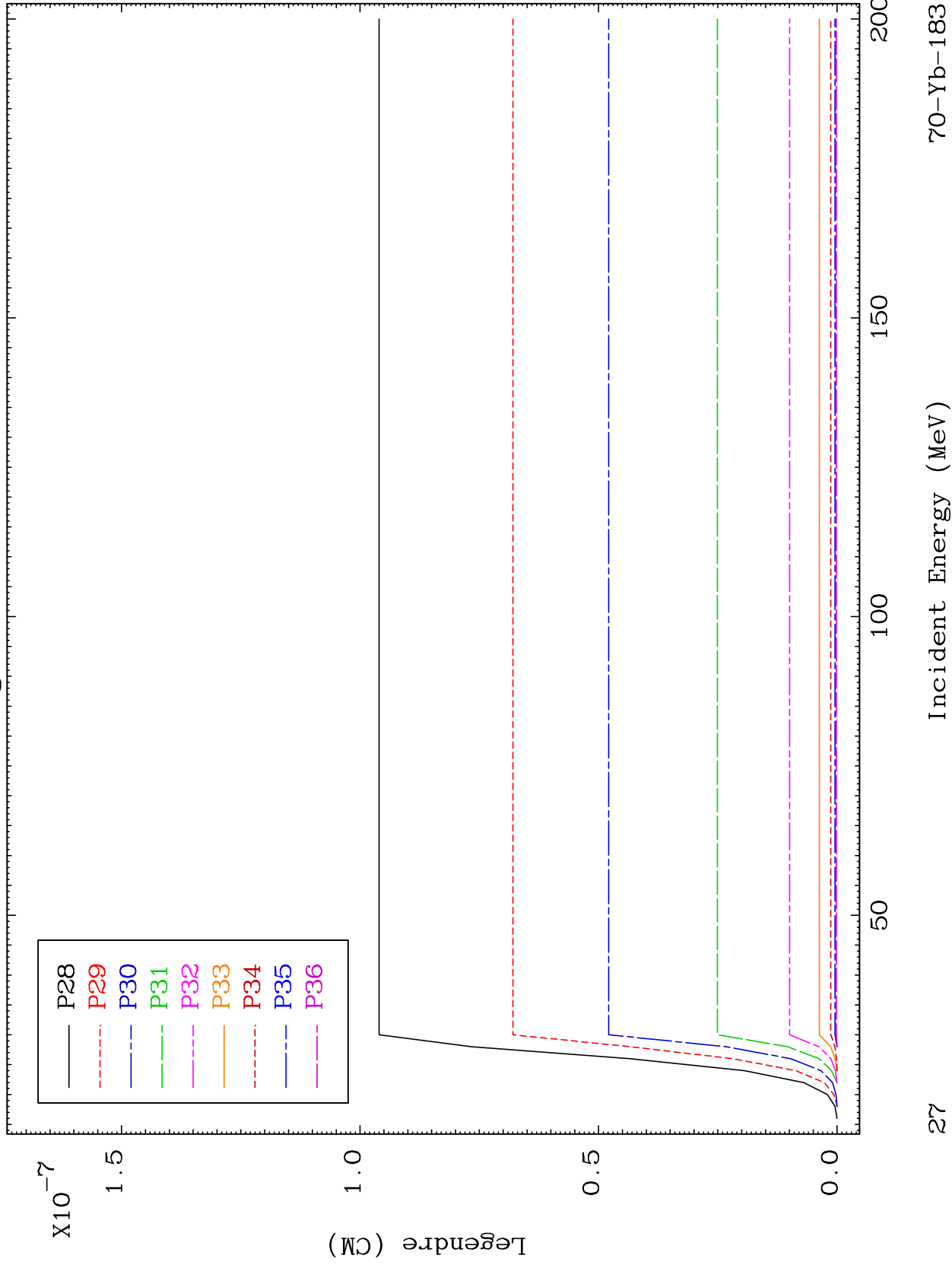


26

MAT 7070

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

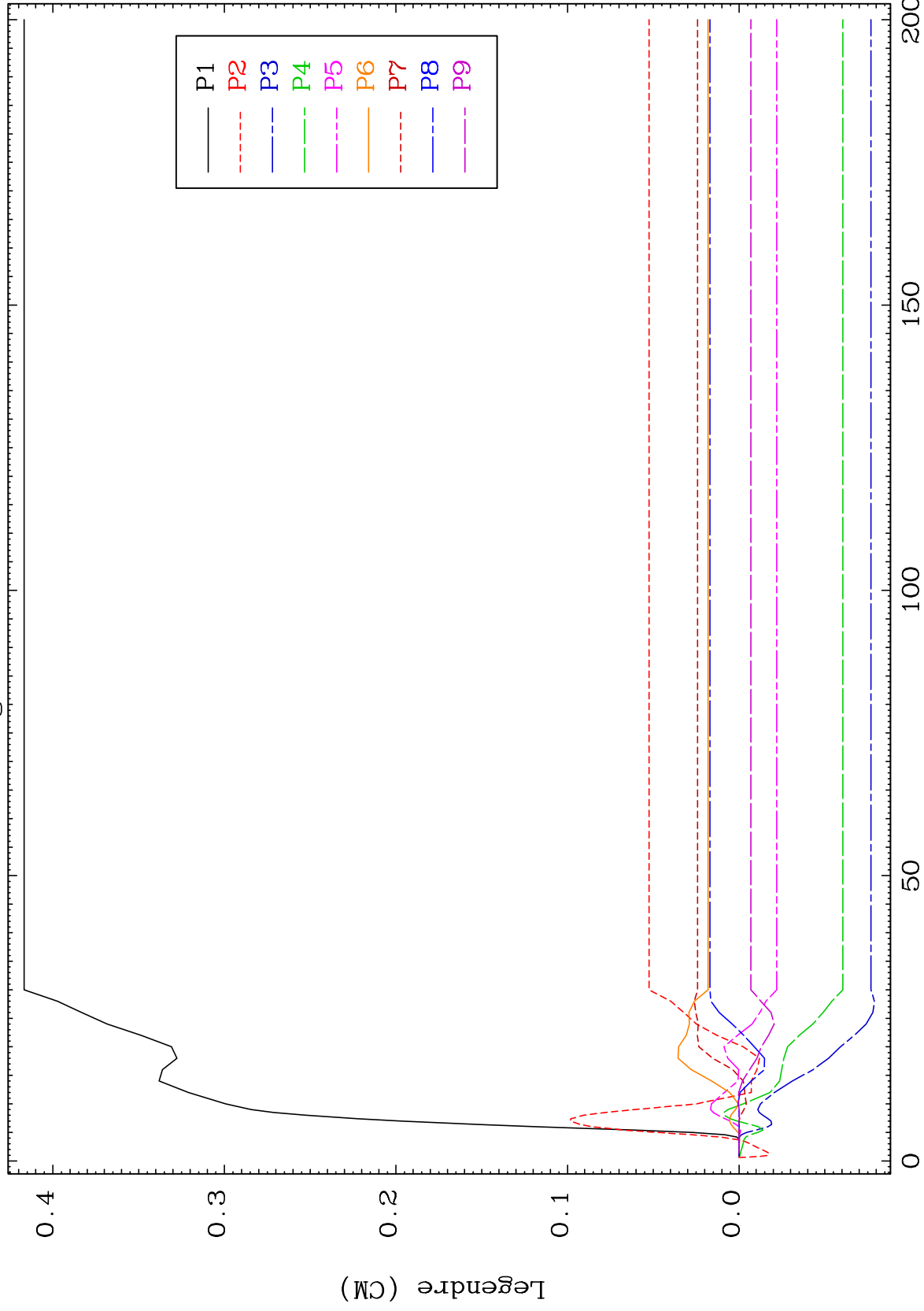
70-Yb-183



MAT 7070

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

70-Yb-183



28

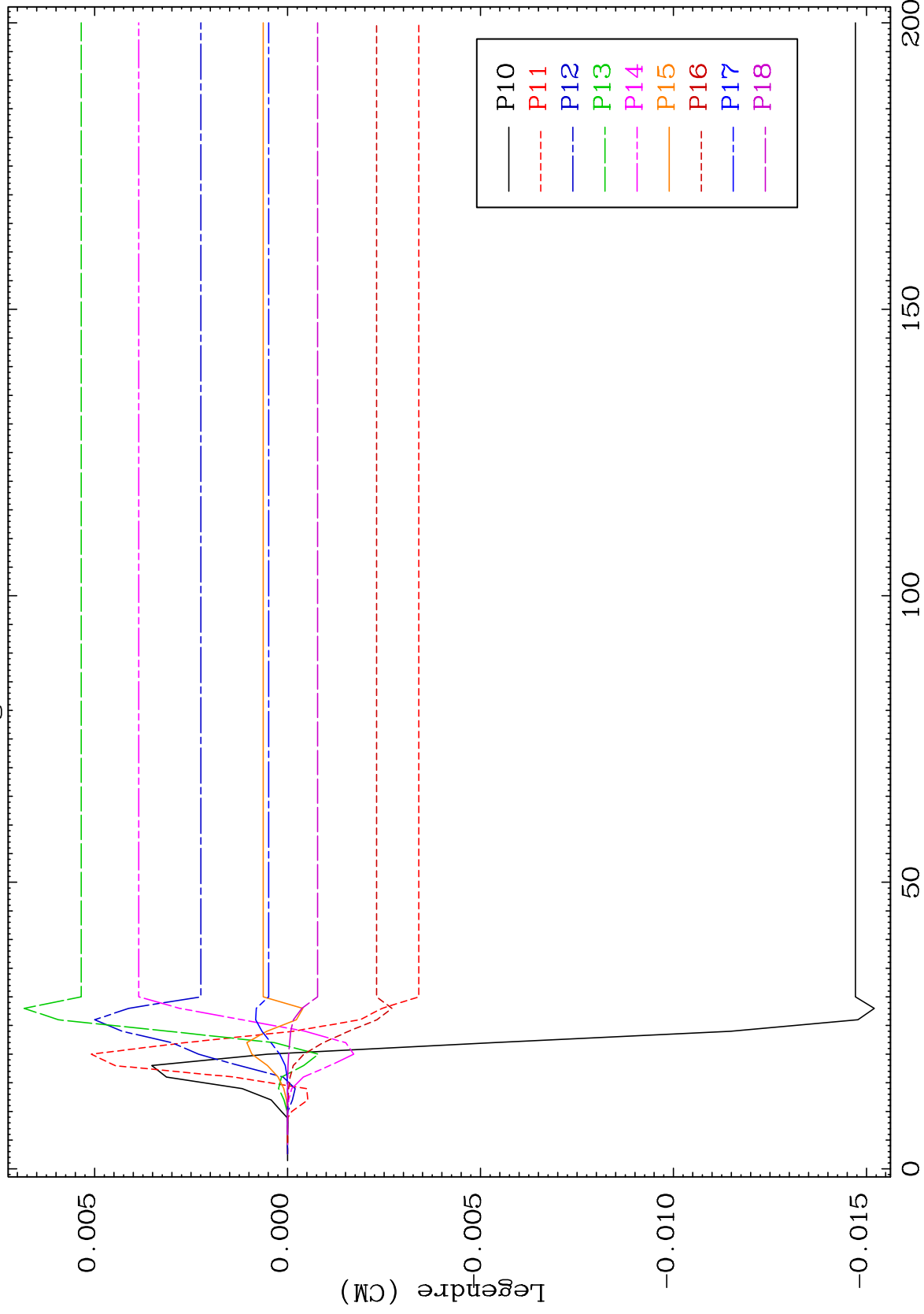
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



29

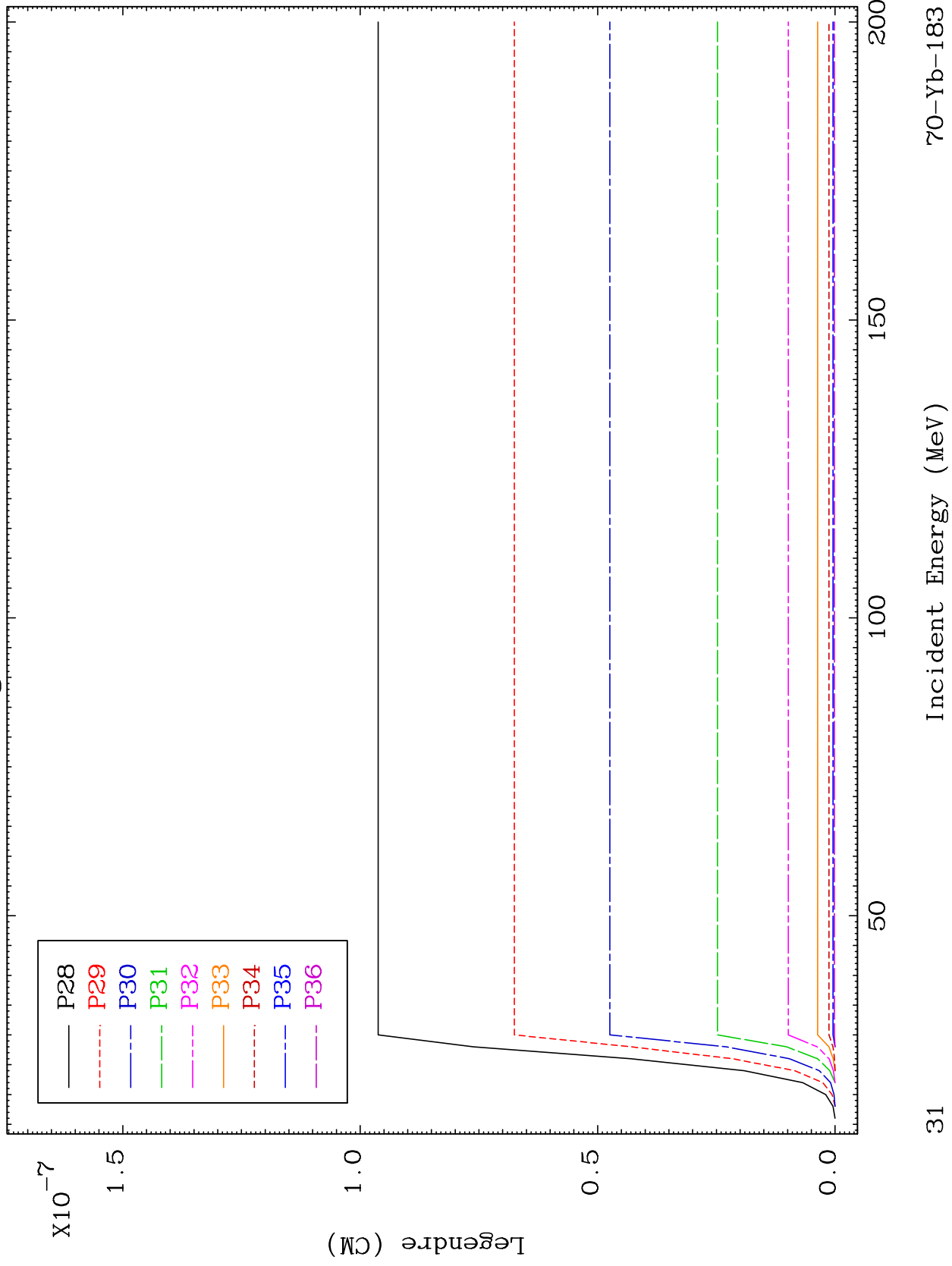
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

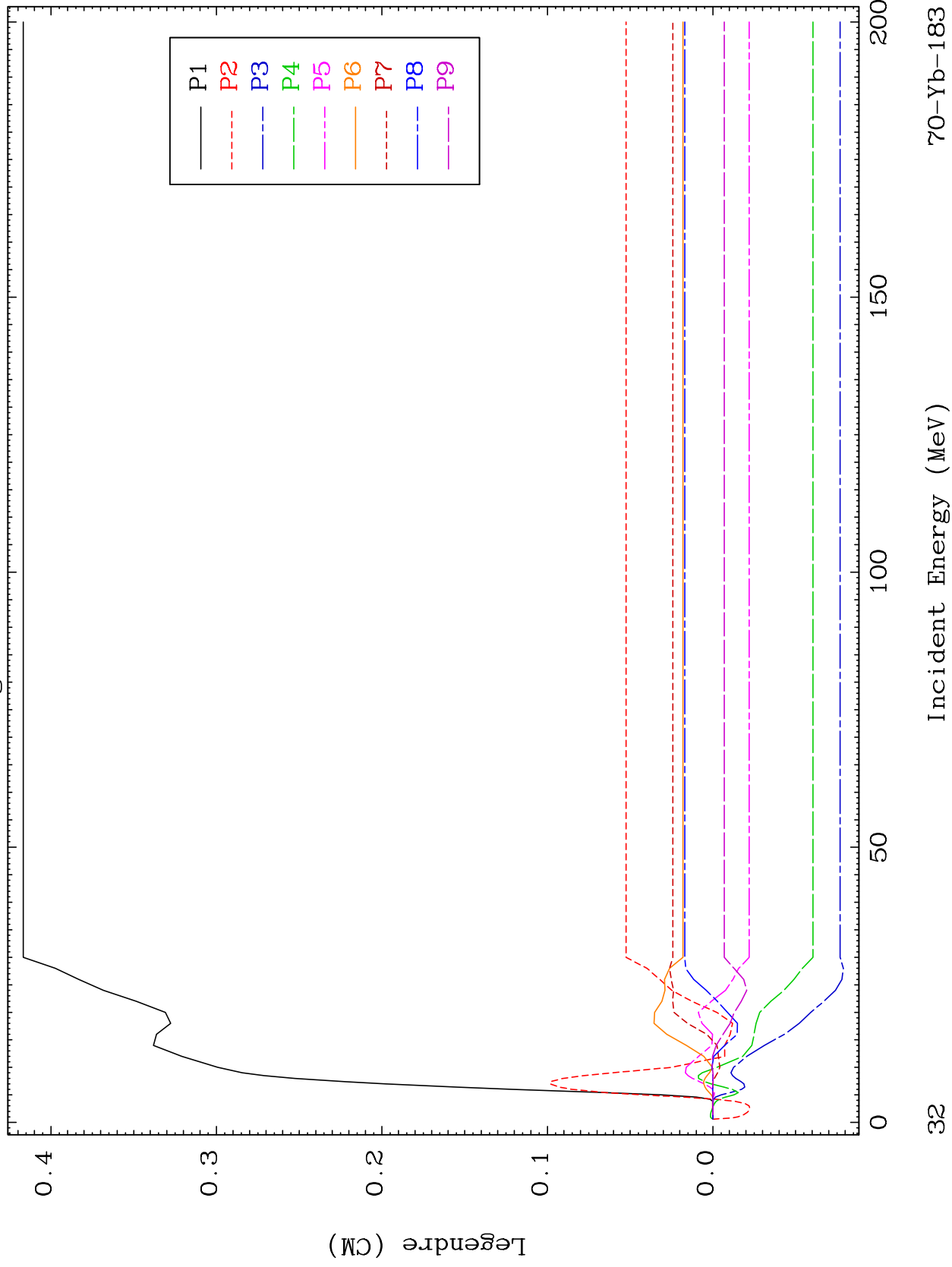
70-Yb-183



MAT 7070

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

70-Yb-183



32

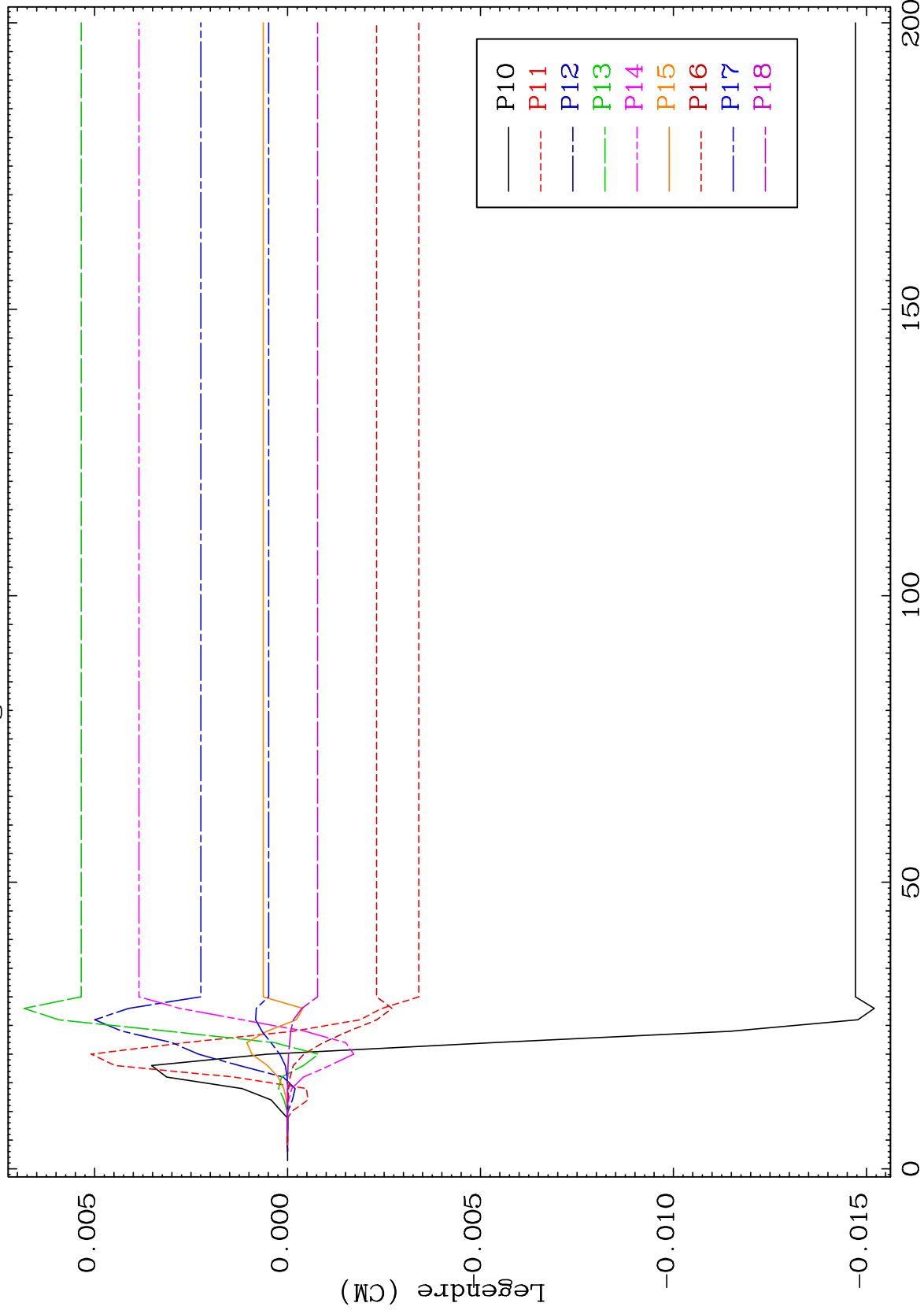
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



33

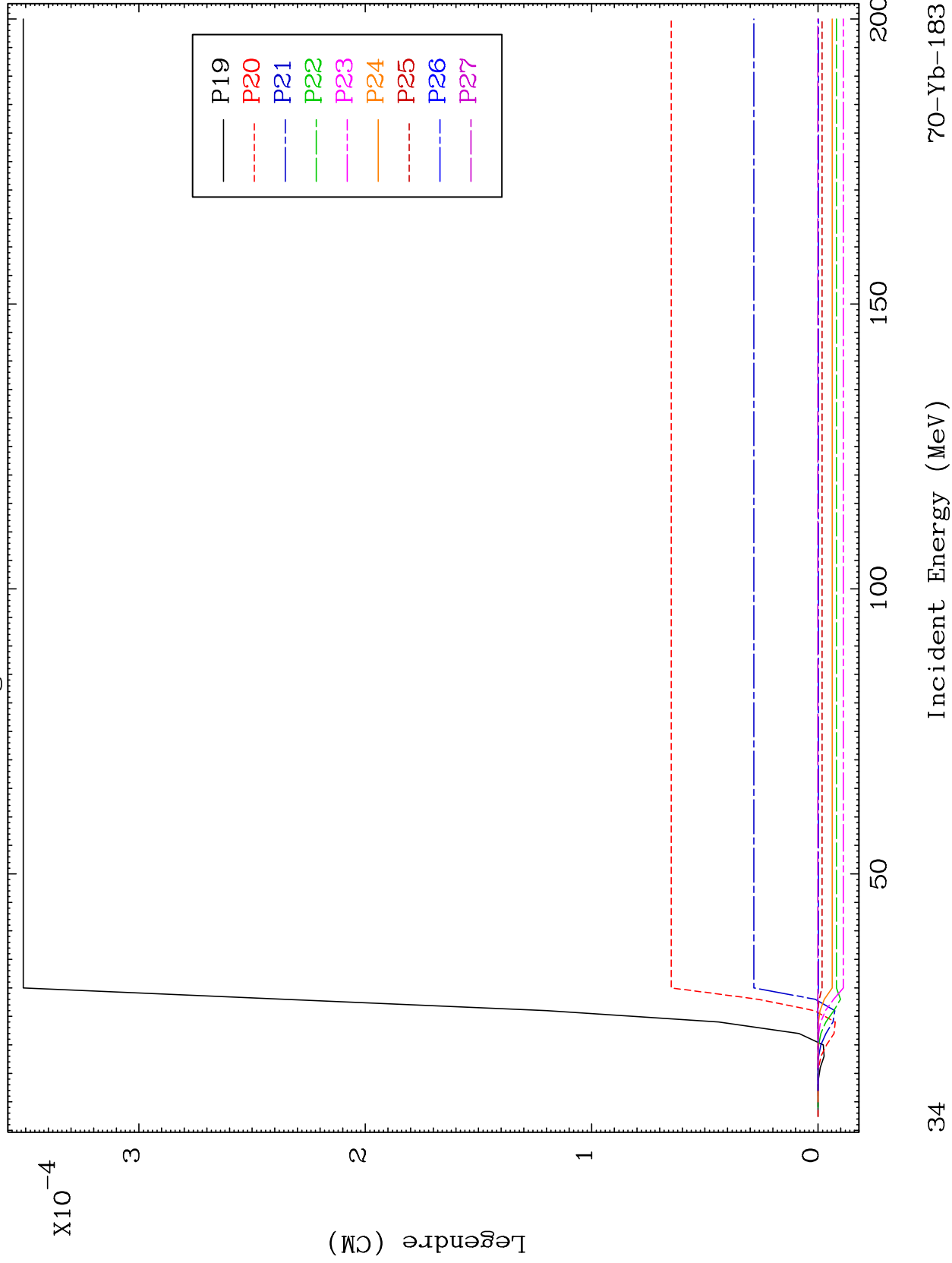
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



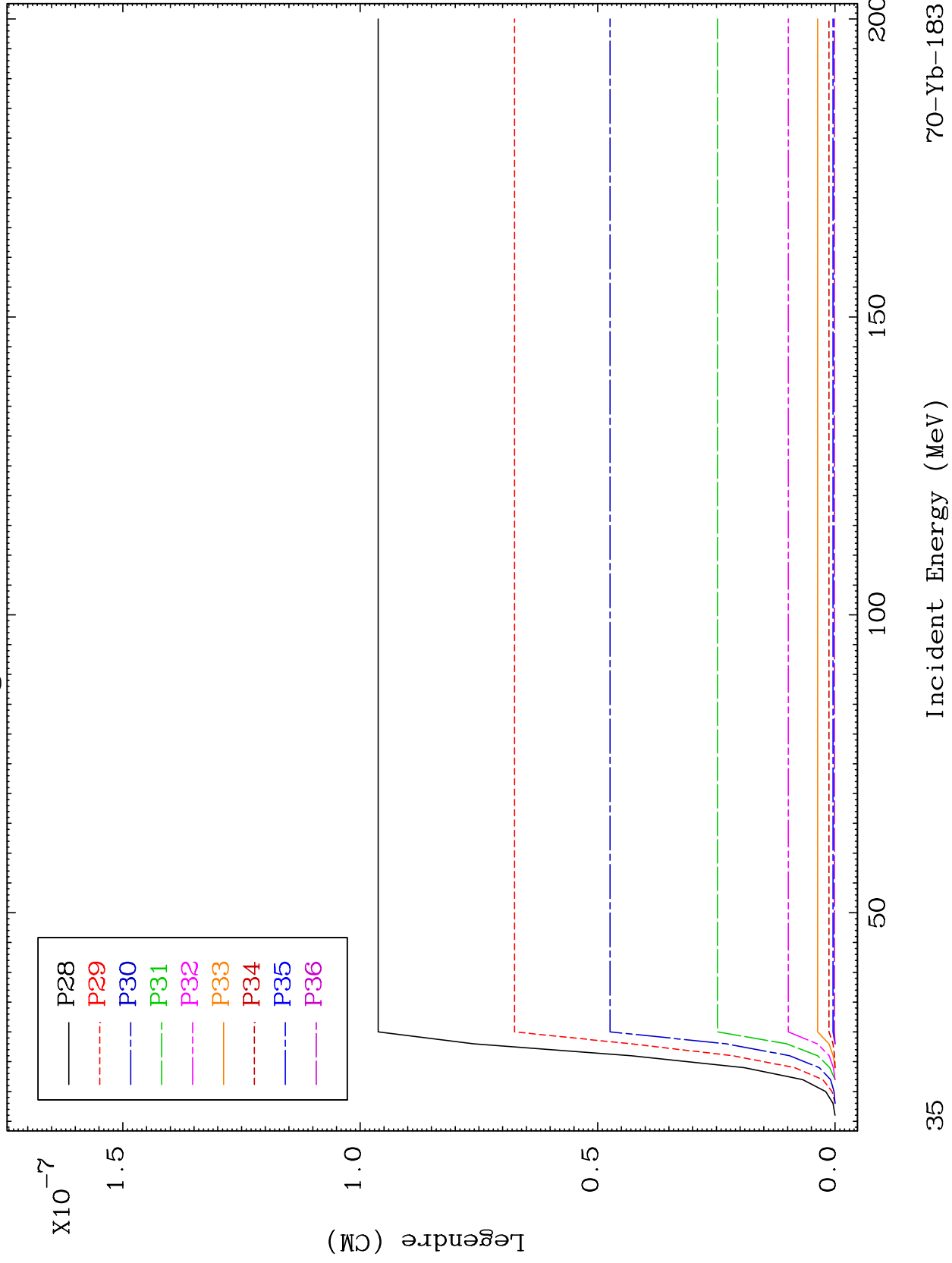
34

70-Yb-183

MAT 7070

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

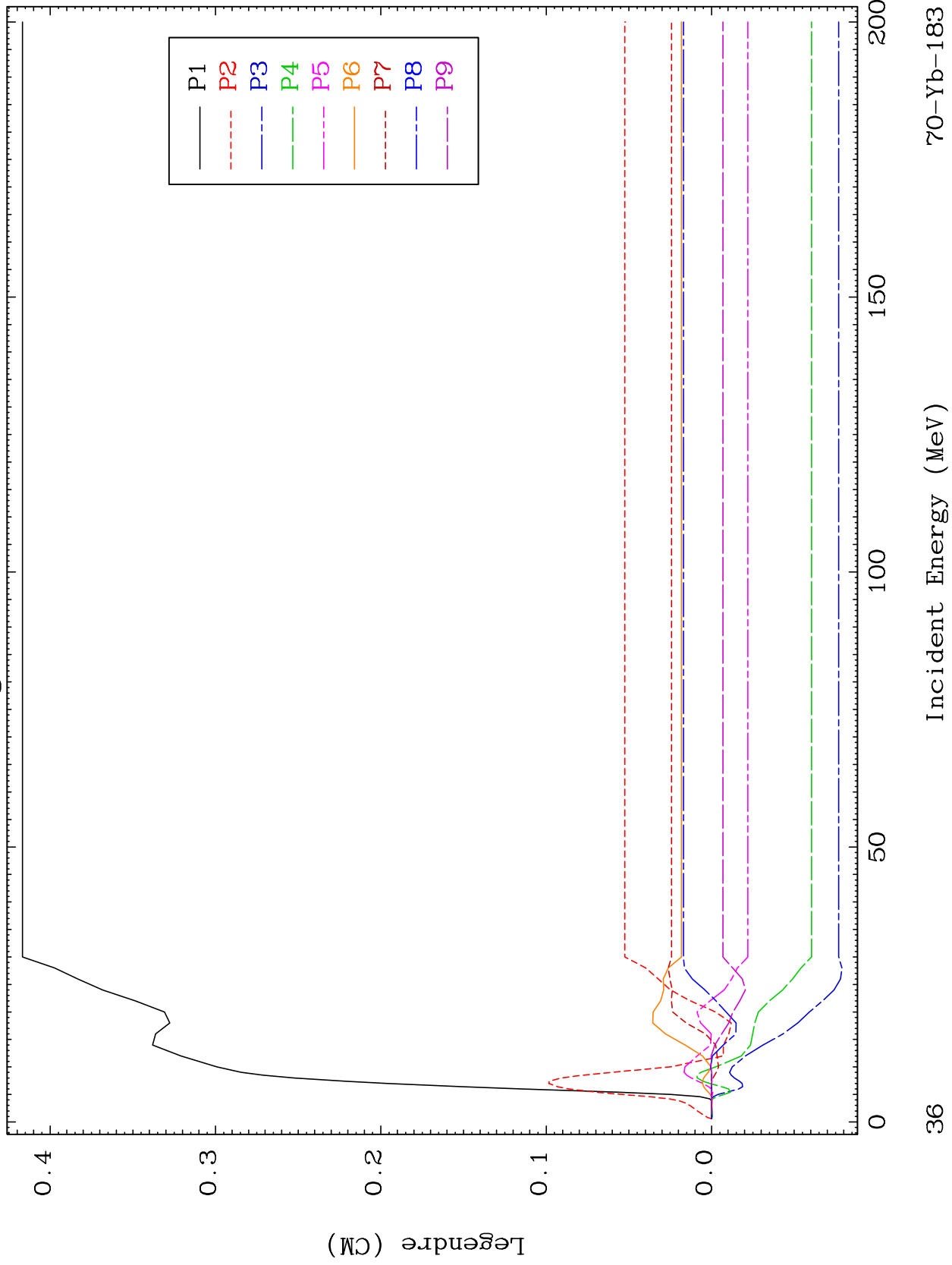
70-Yb-183



MAT 7070

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

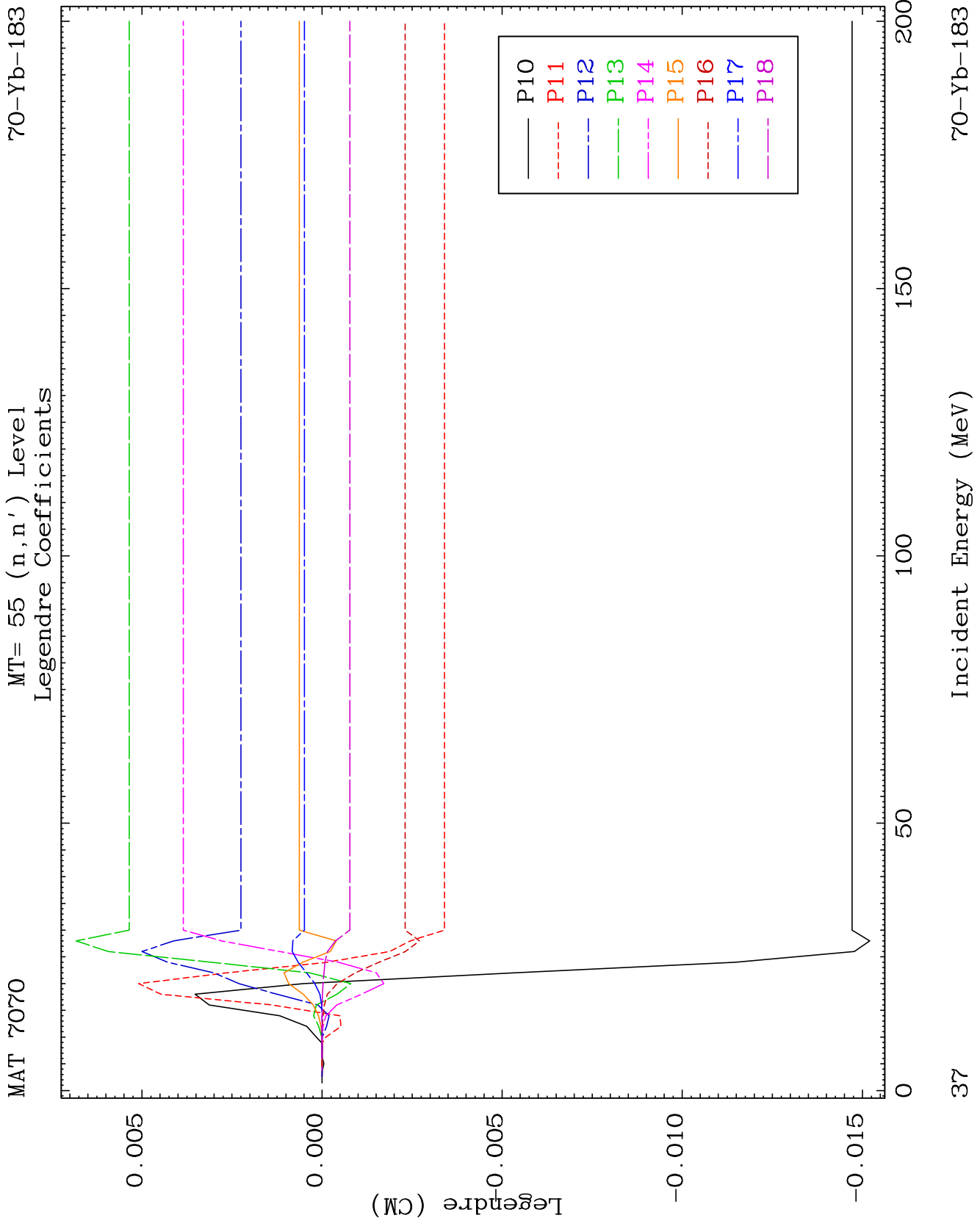
70-Yb-183



36

Incident Energy (MeV)

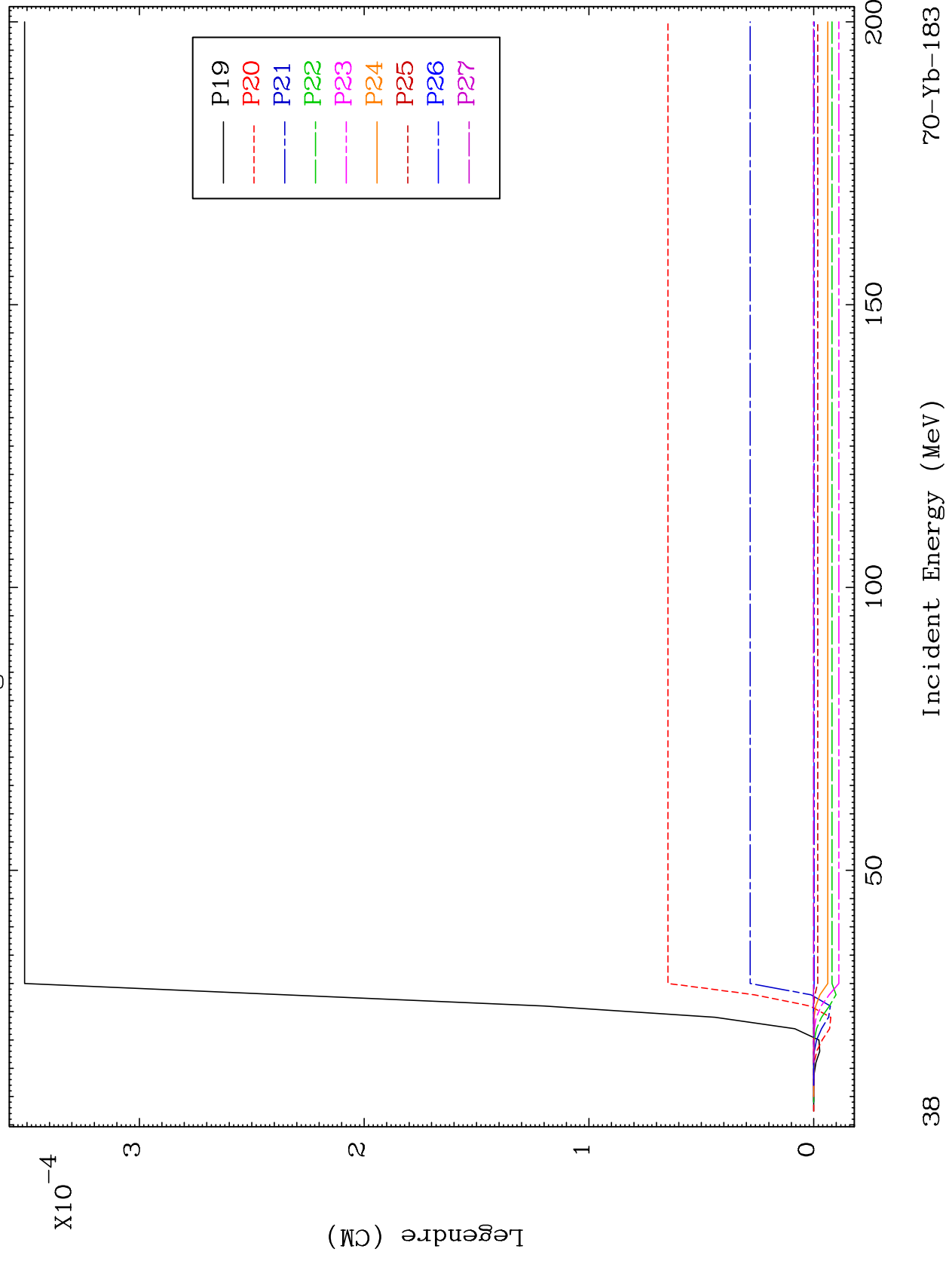
70-Yb-183



MAT 7070

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

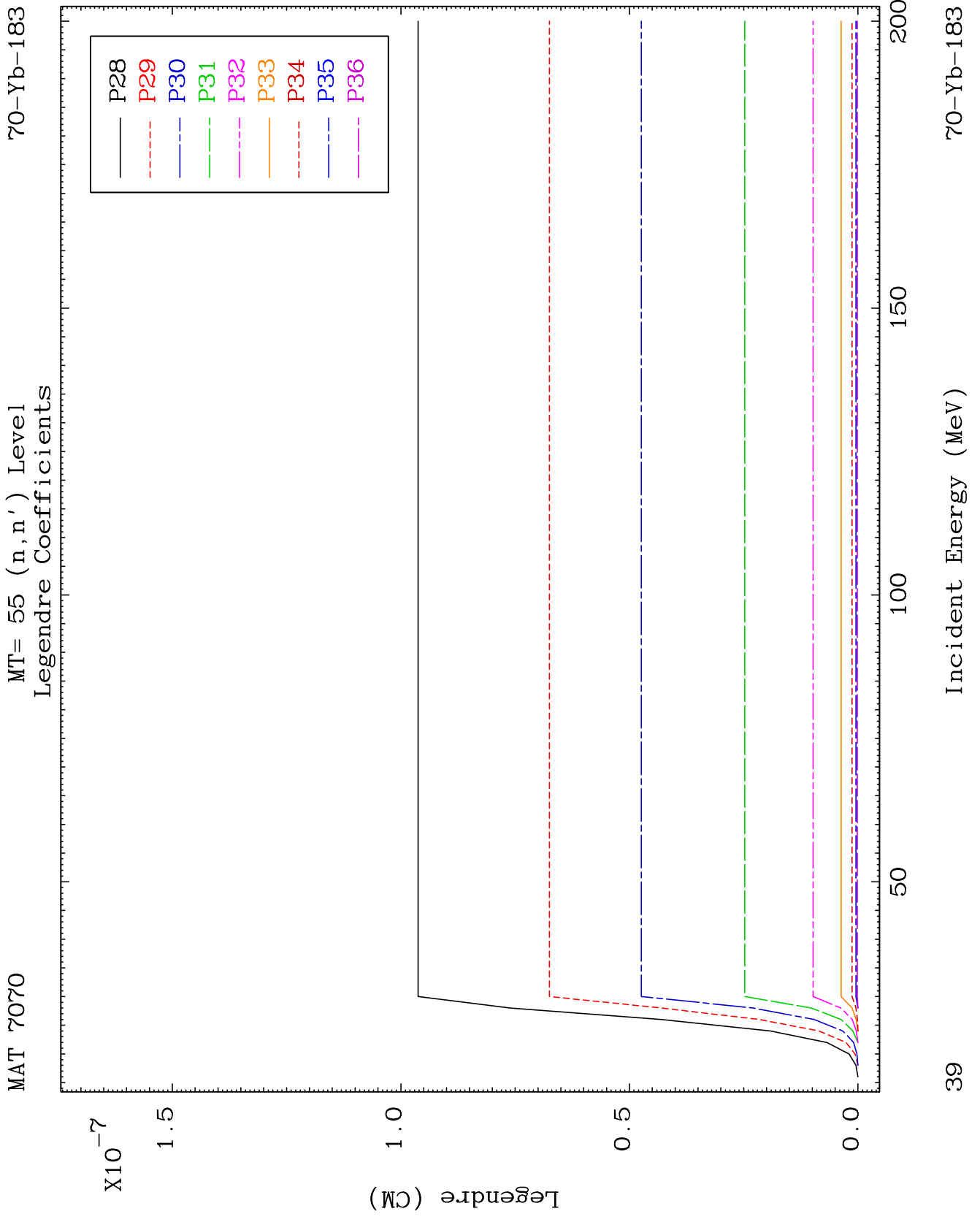
70-Yb-183



38

Incident Energy (MeV)

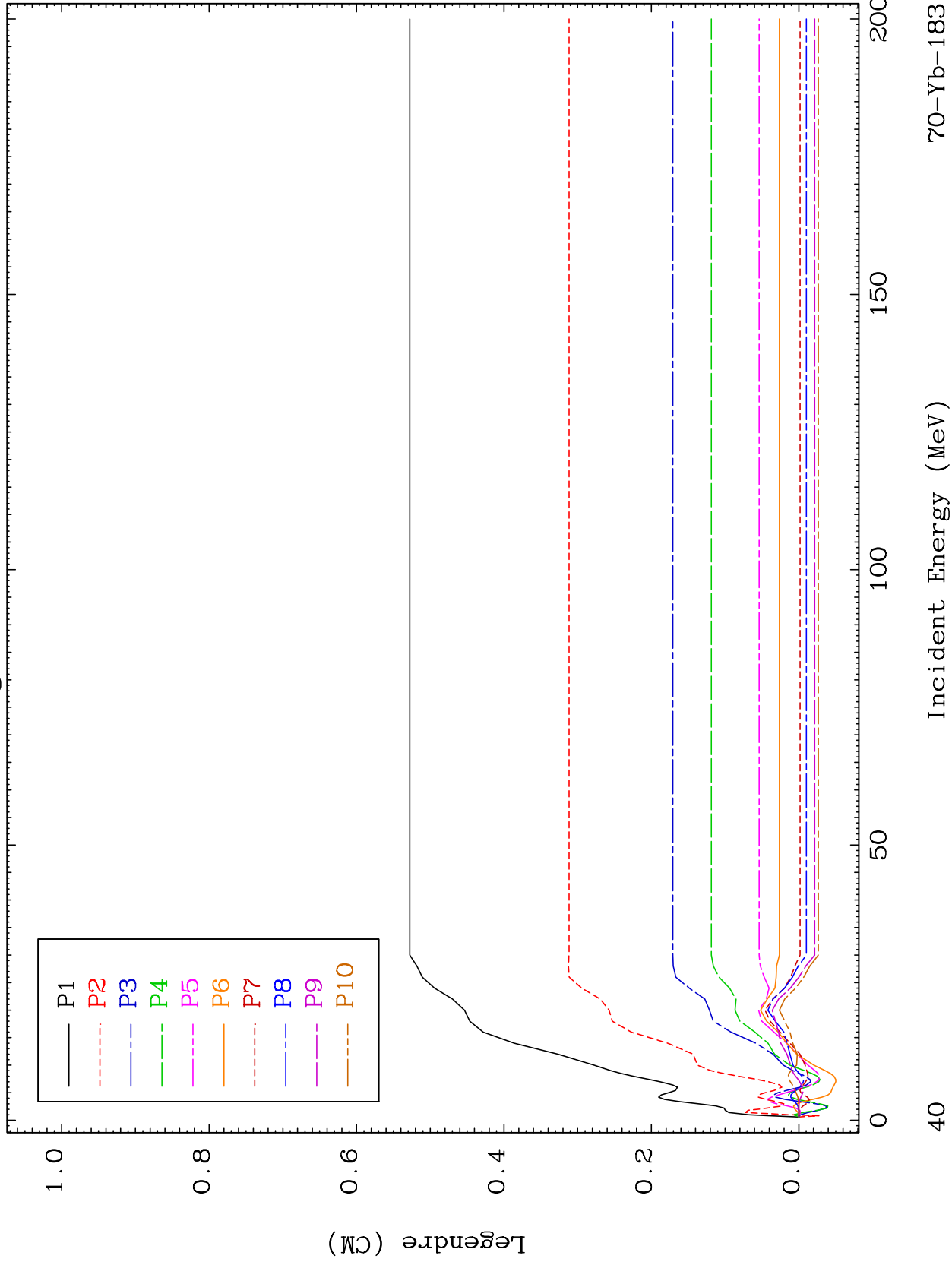
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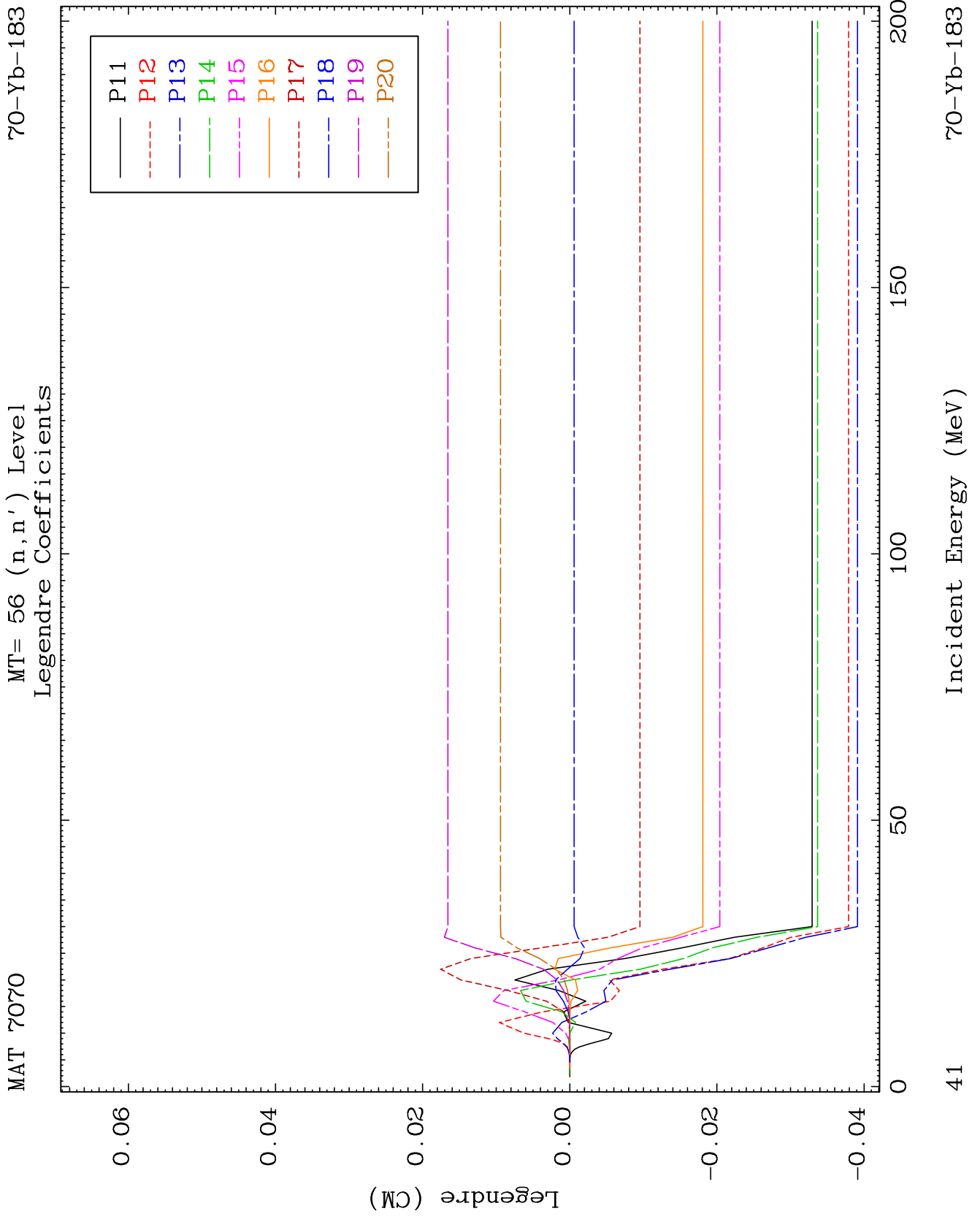


MAT 7070

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

70-Yb-183

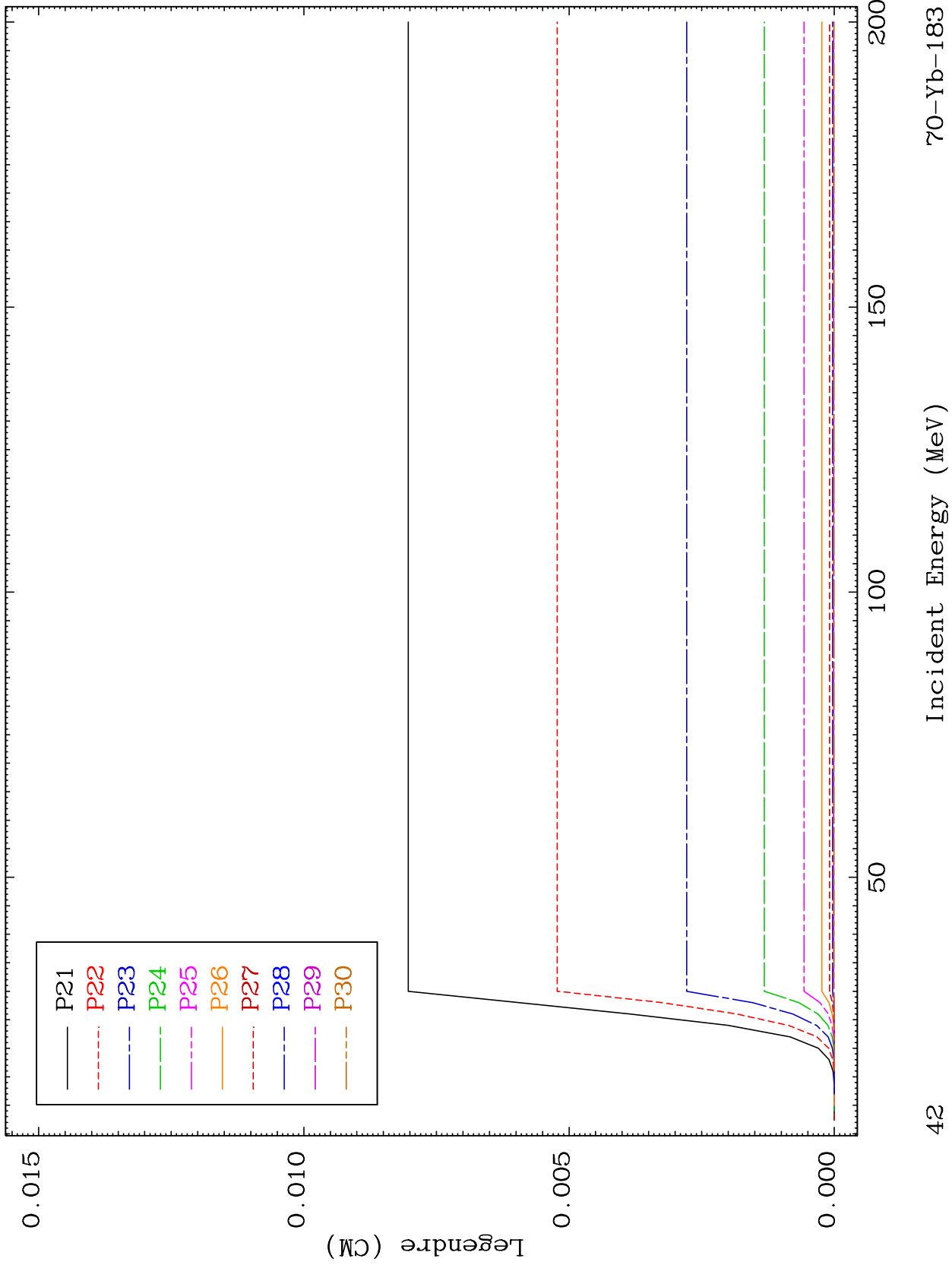




MAT 7070

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

70-Yb-183



42

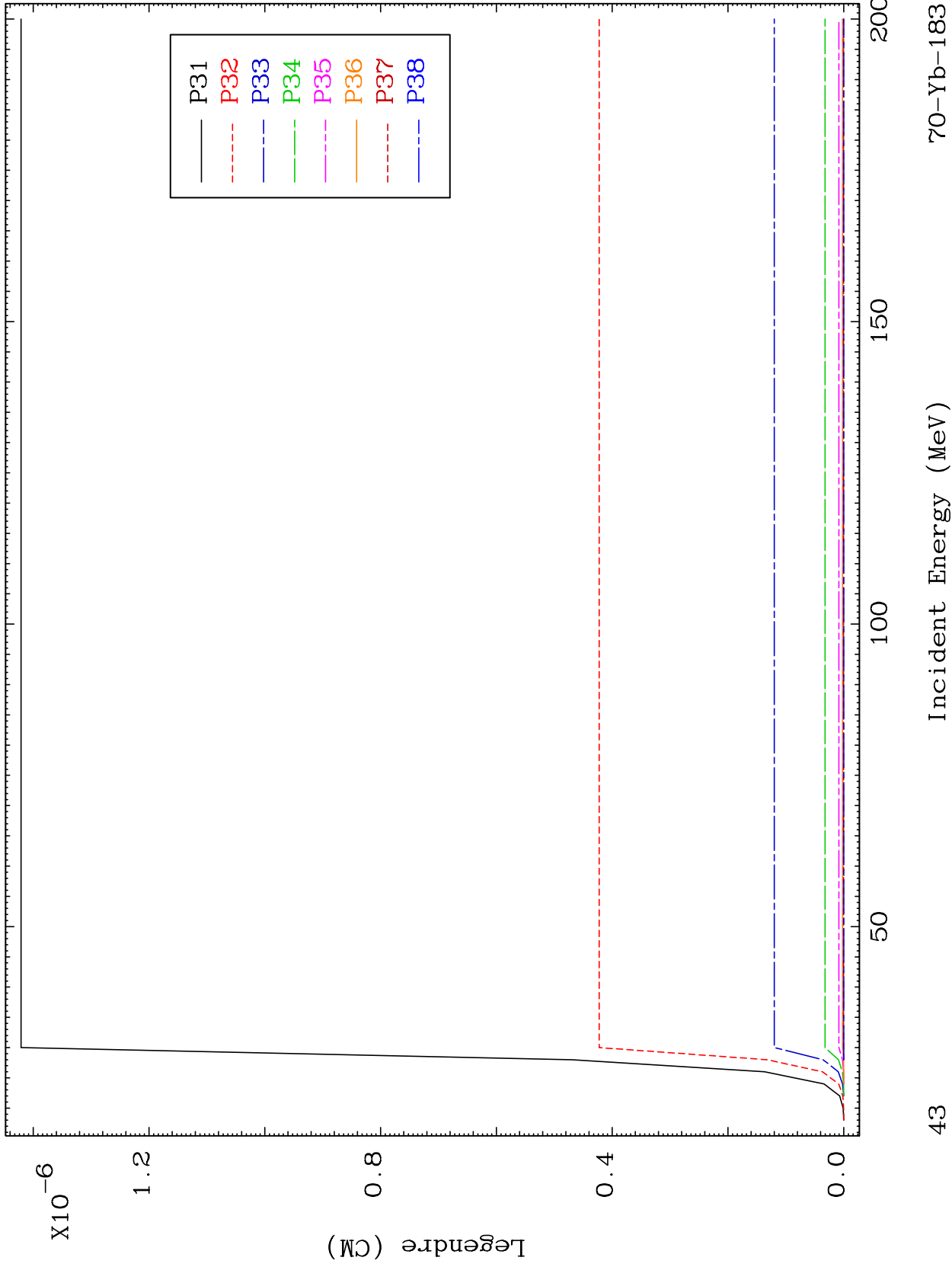
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



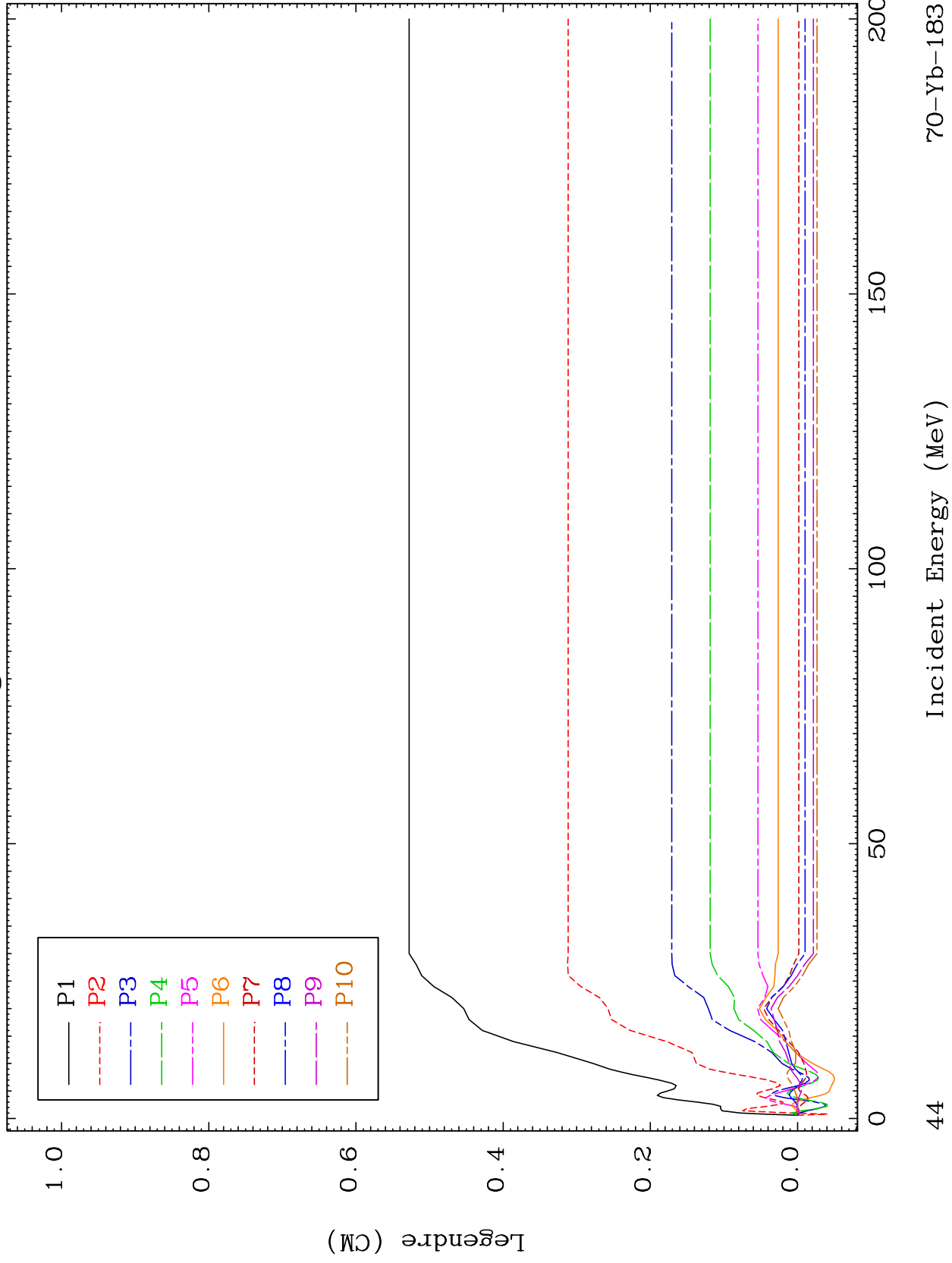
43

70-Yb-183

MAT 7070

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

70-Yb-183



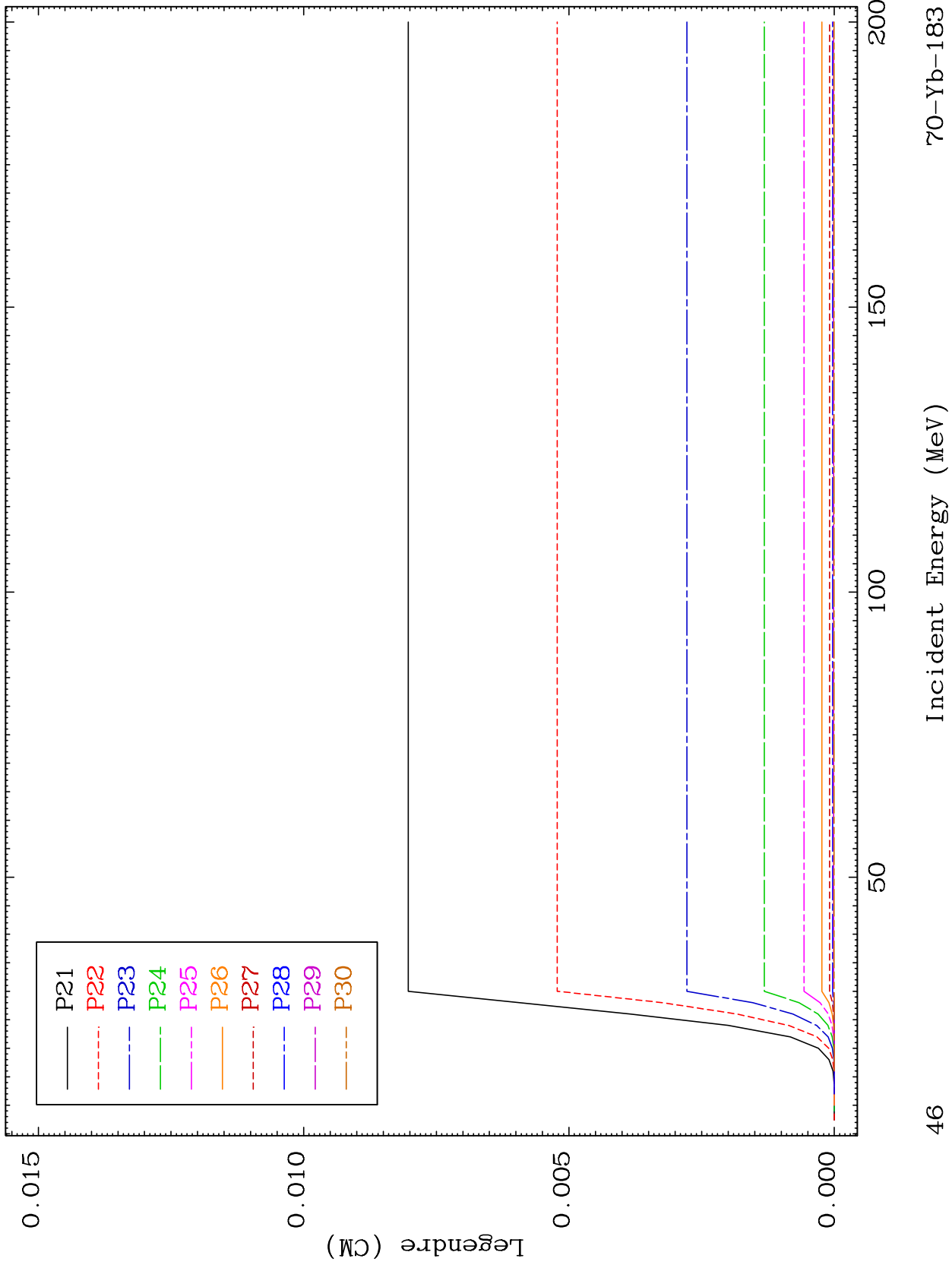
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70-Yb-183

MAT 7070

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

70-Yb-183



46

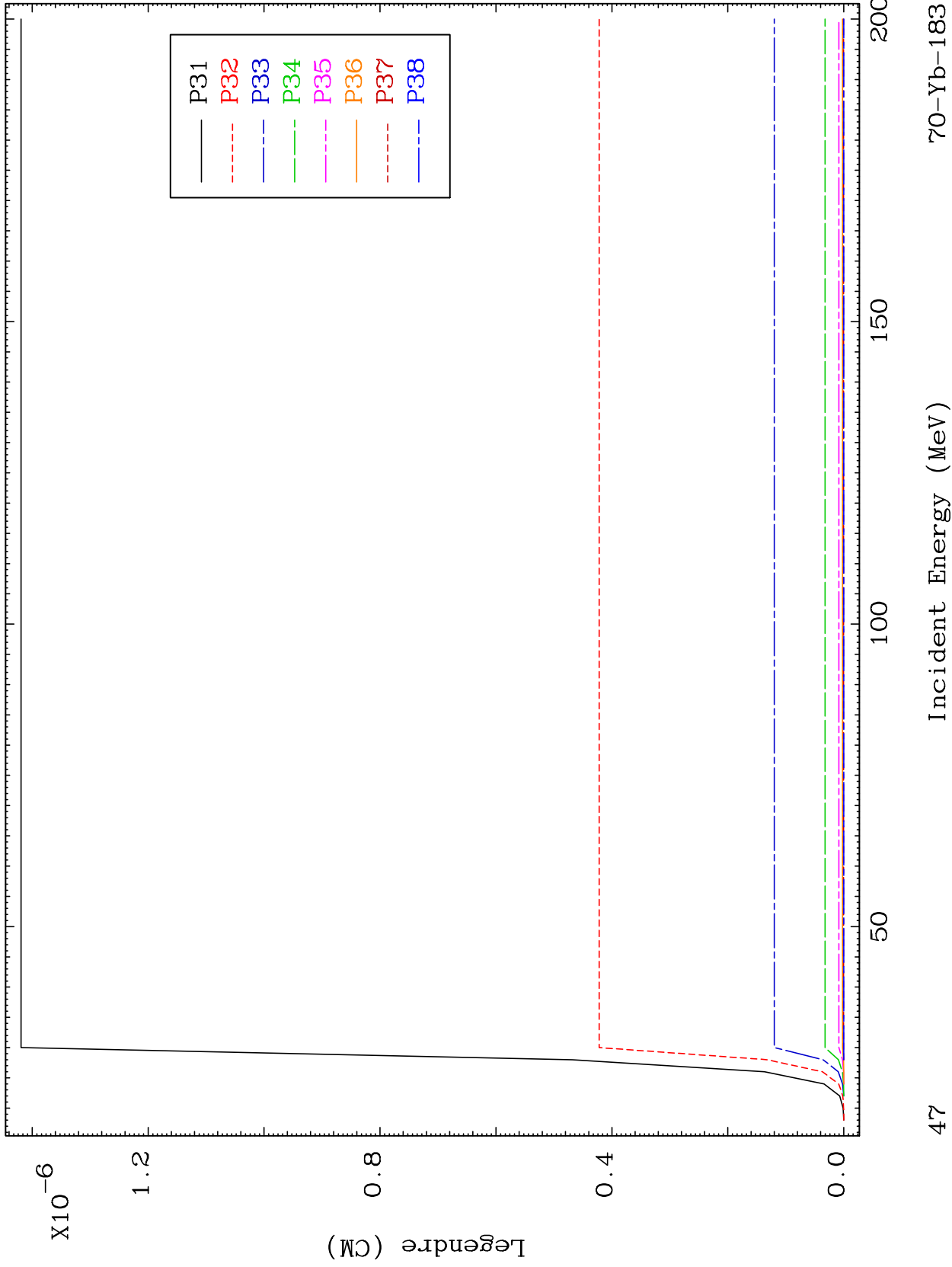
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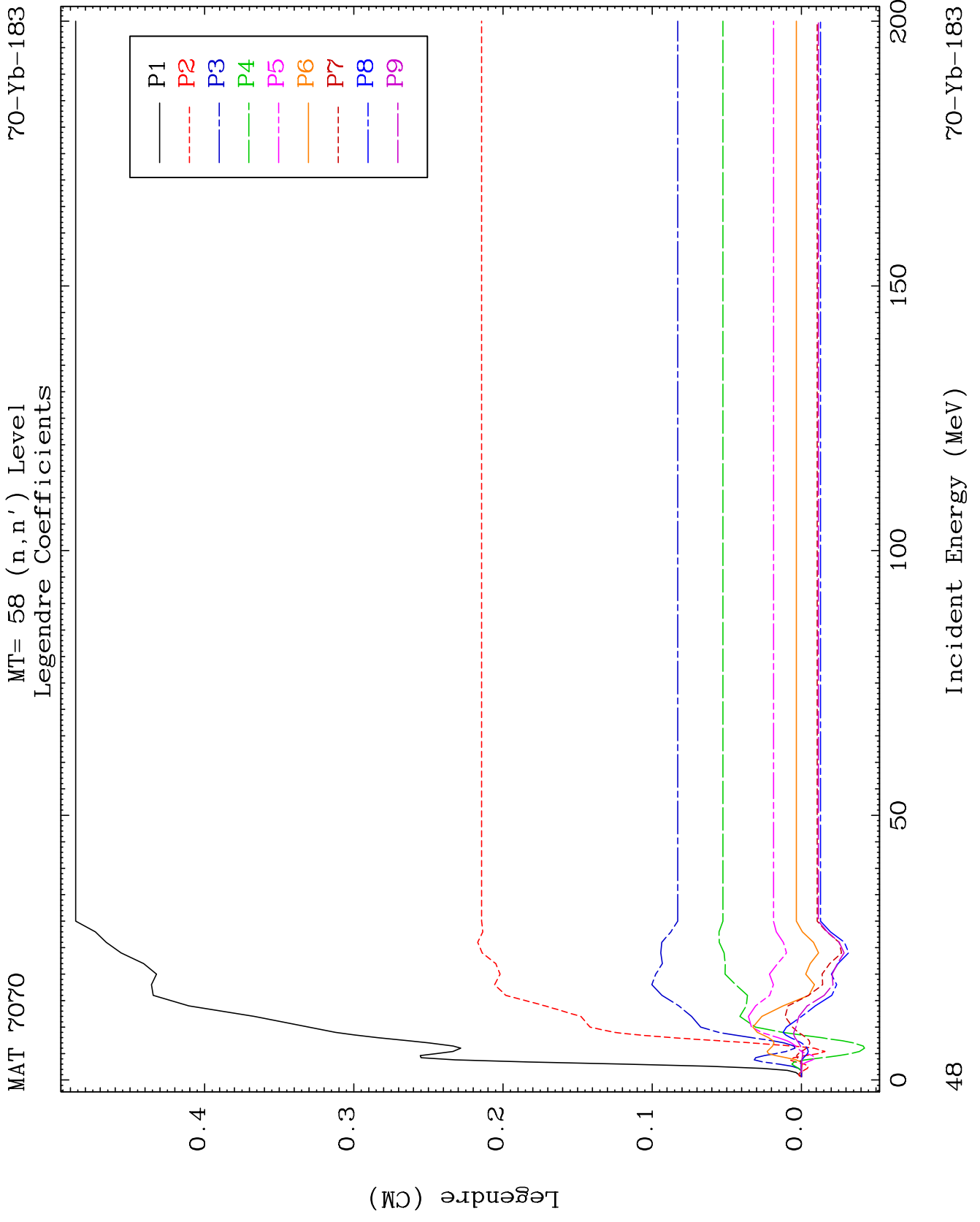
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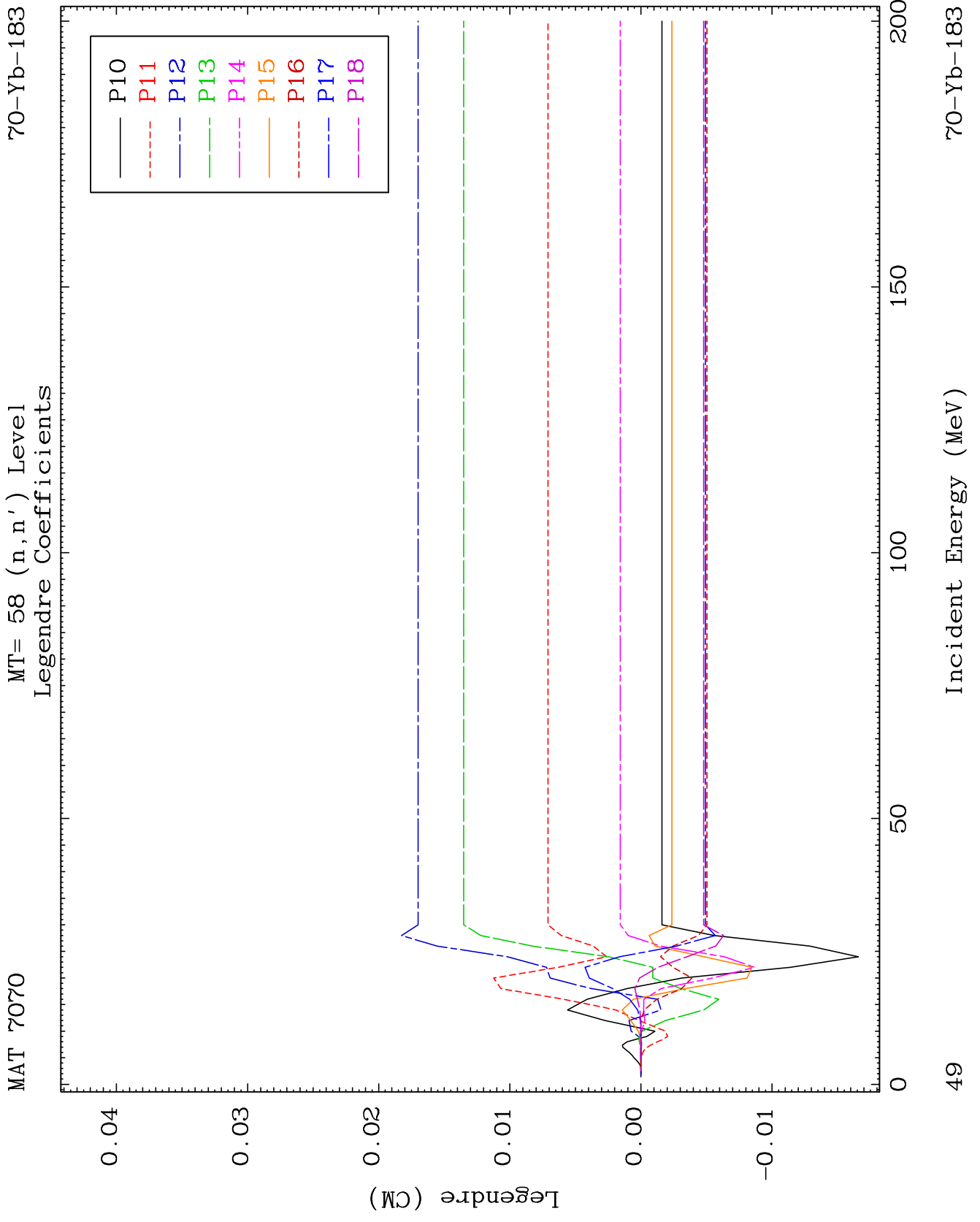
MAT 7070

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

70-Yb-183



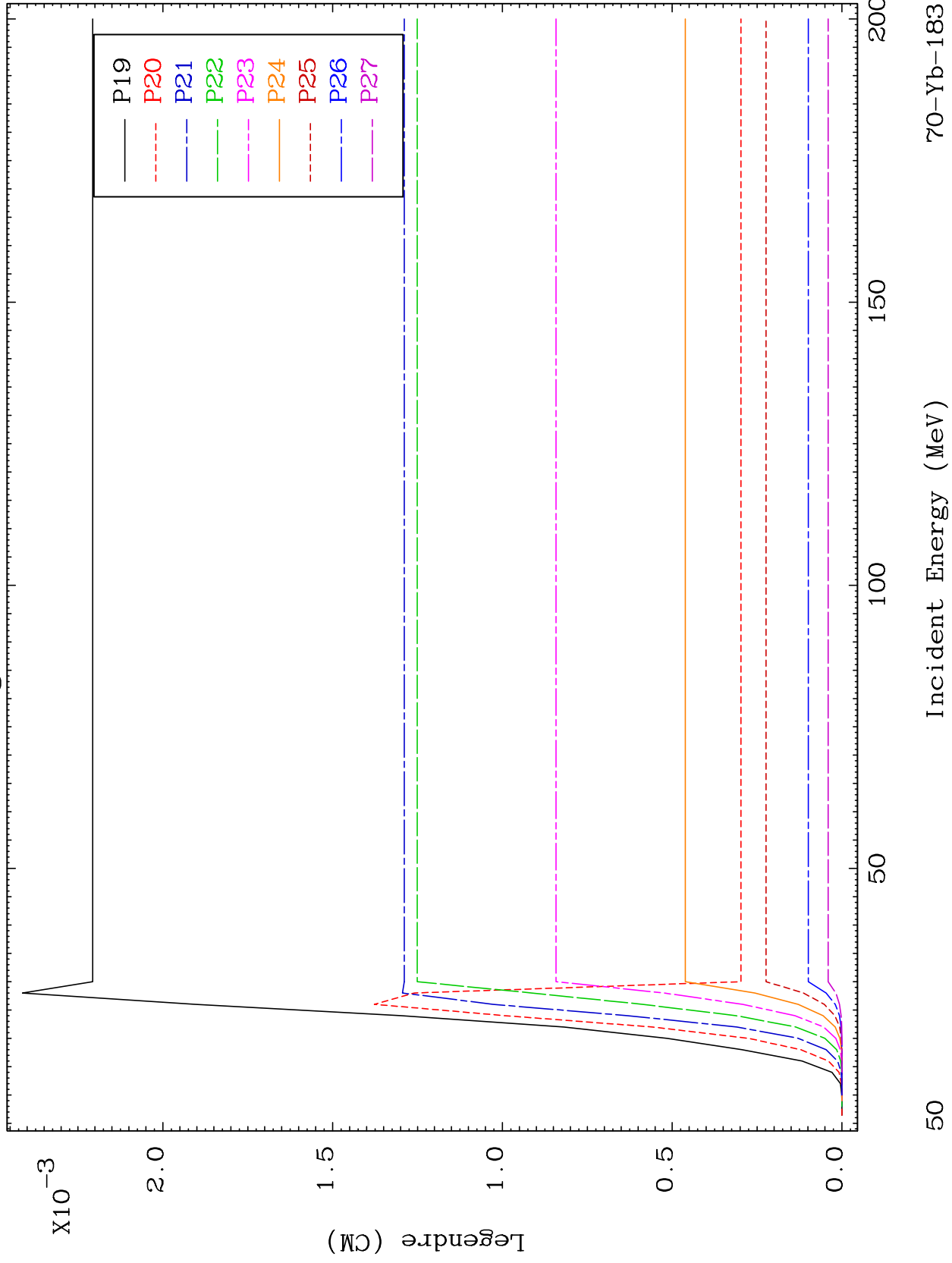




MAT 7070

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

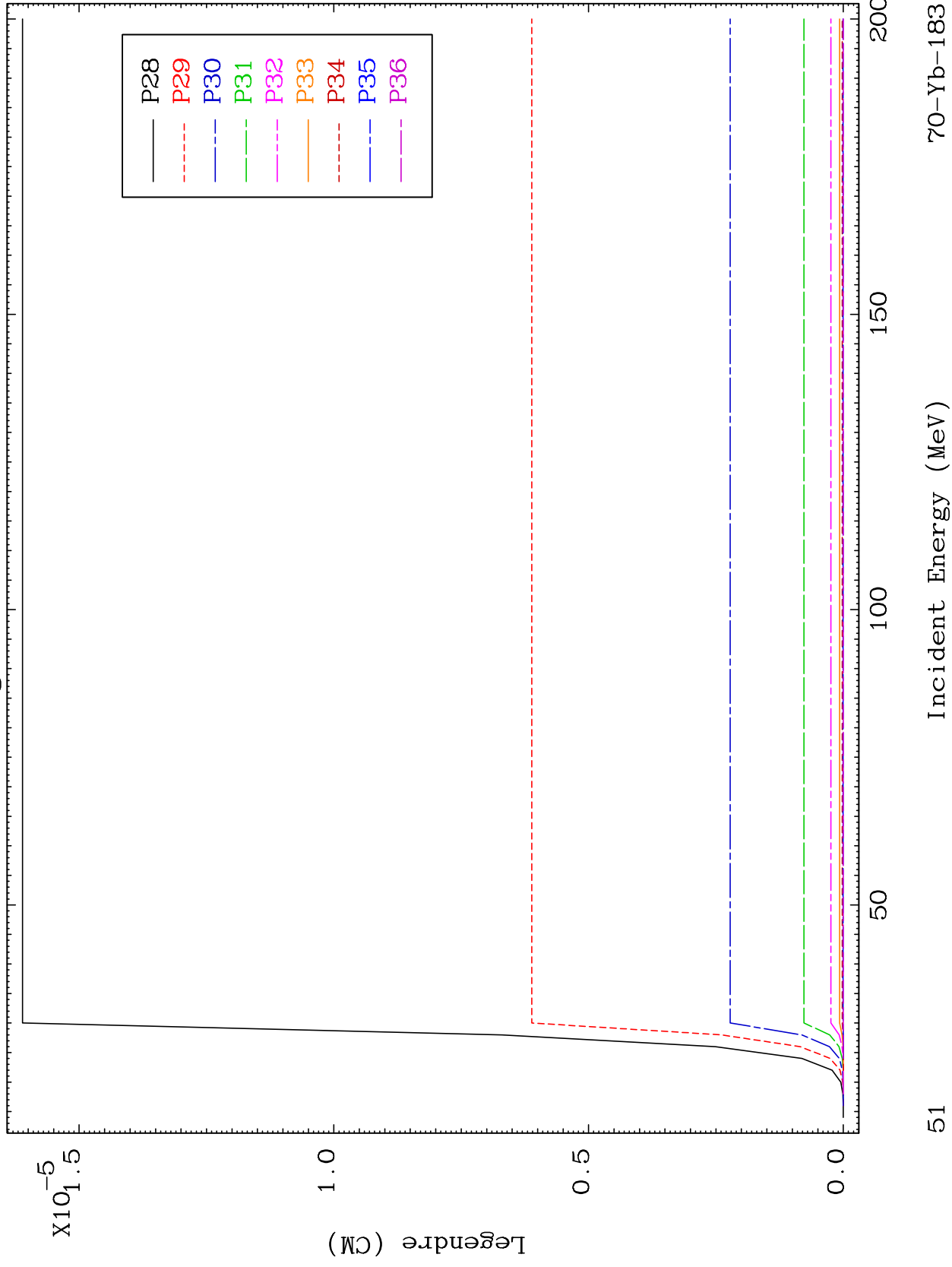
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MAT 7070

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

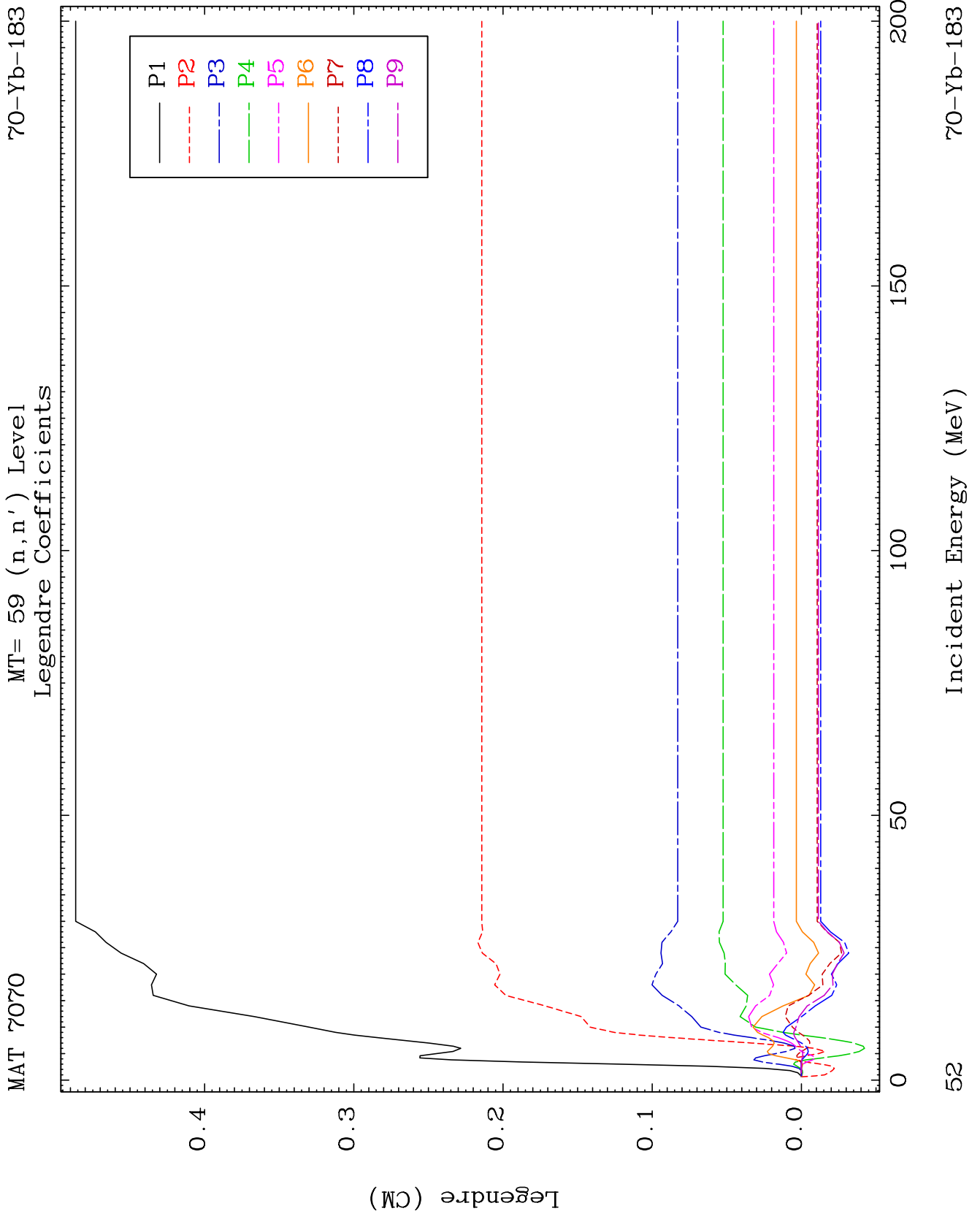
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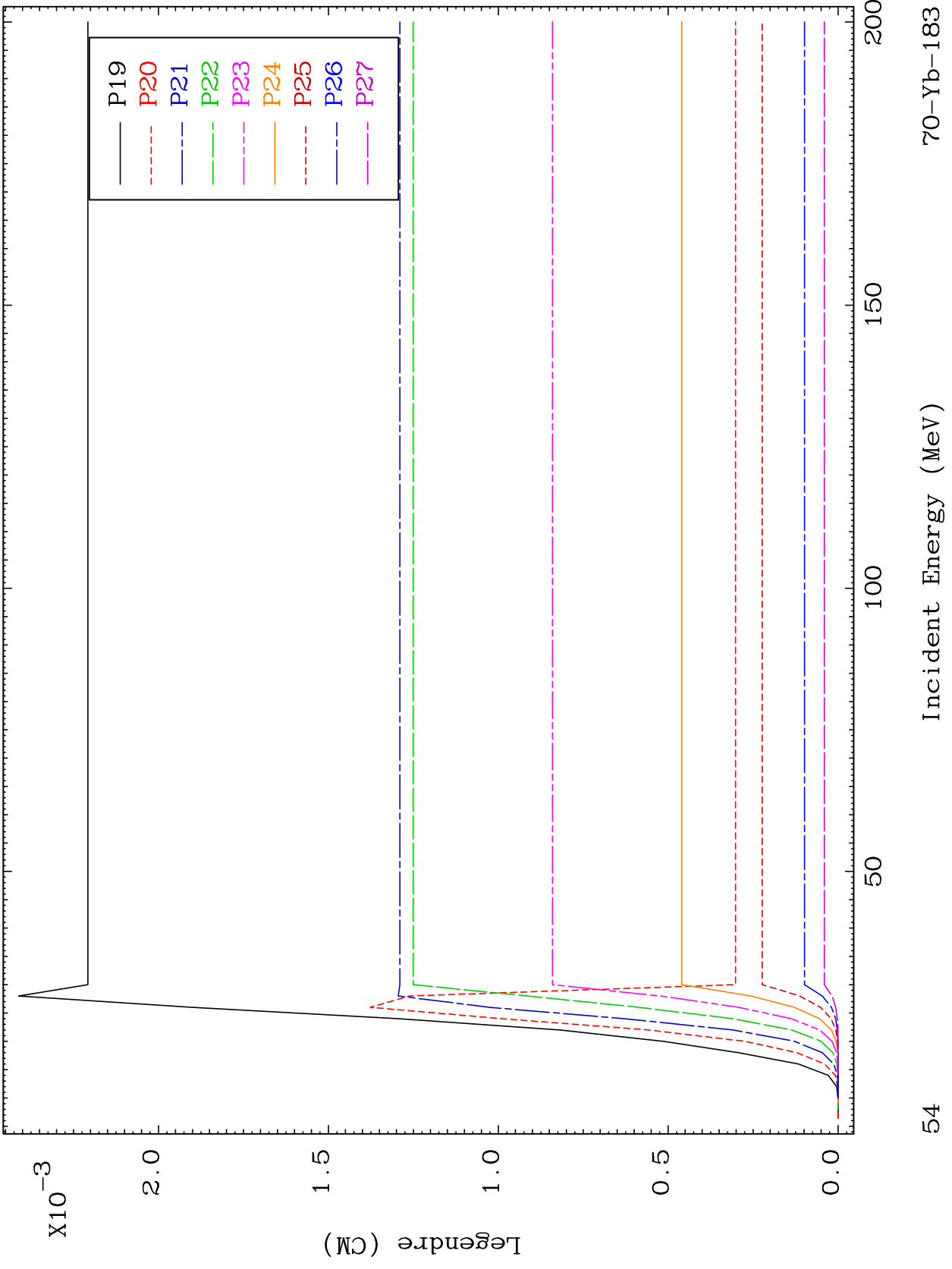


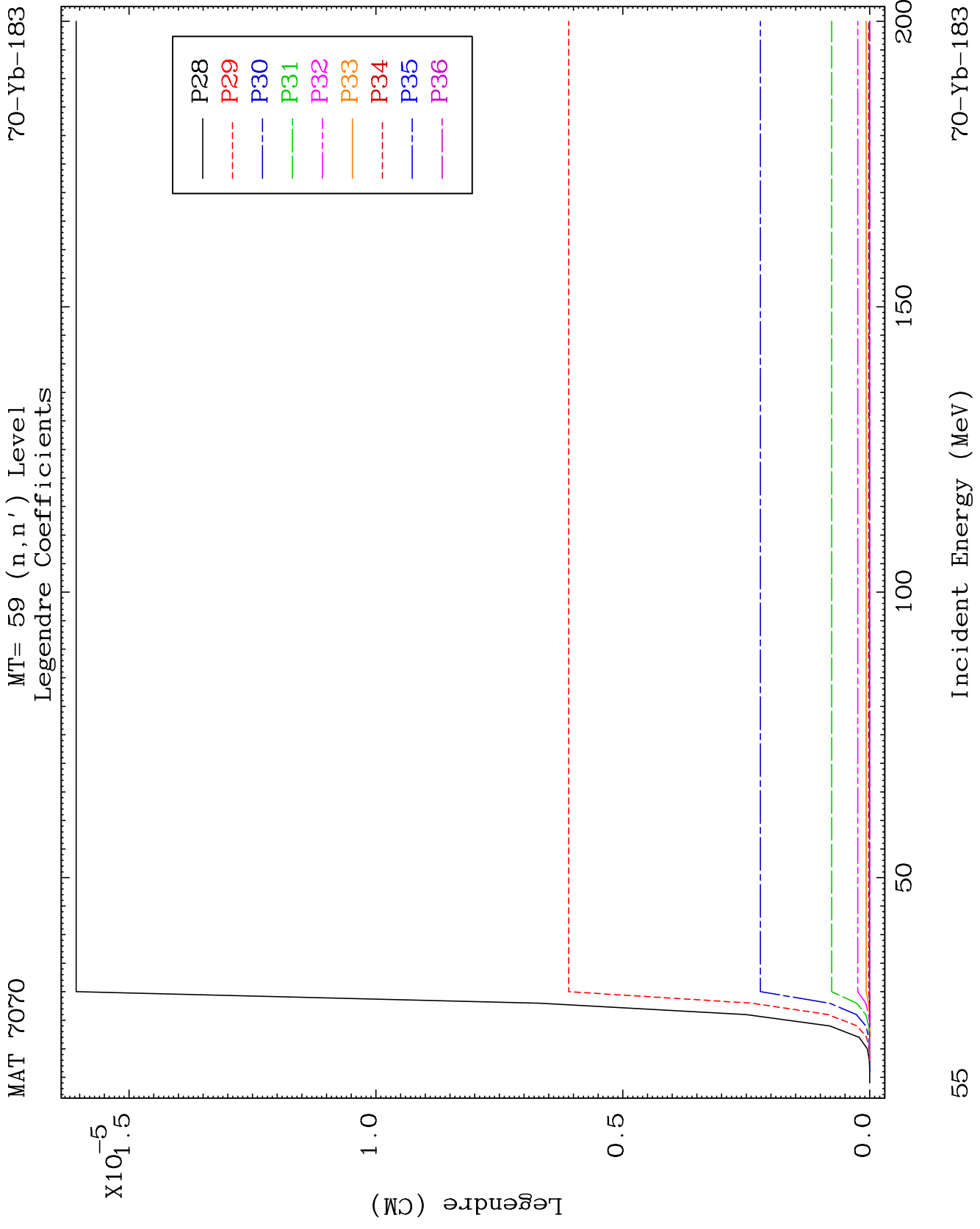
51

Incident Energy (MeV)

70-Yb-183



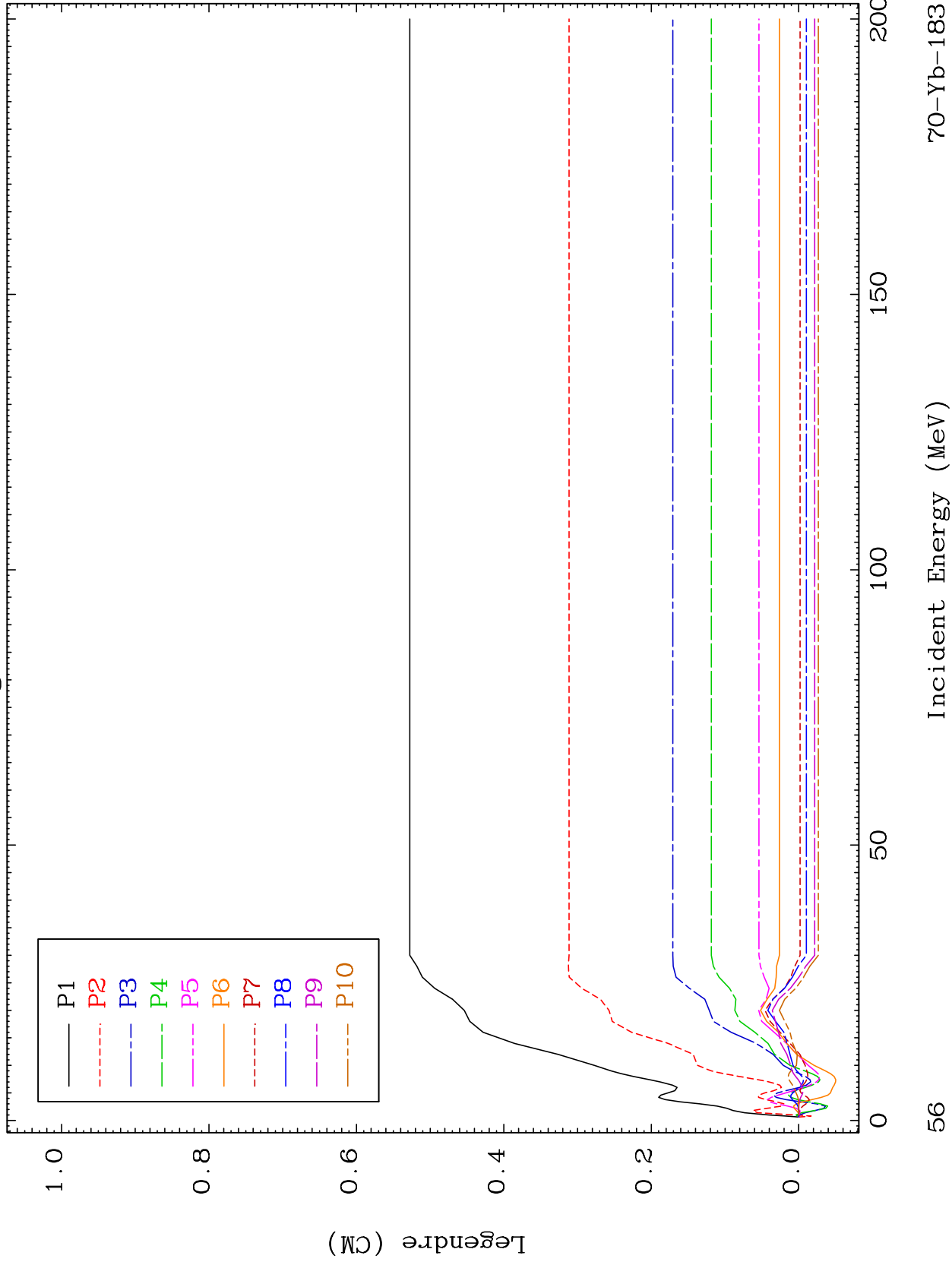




MAT 7070

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

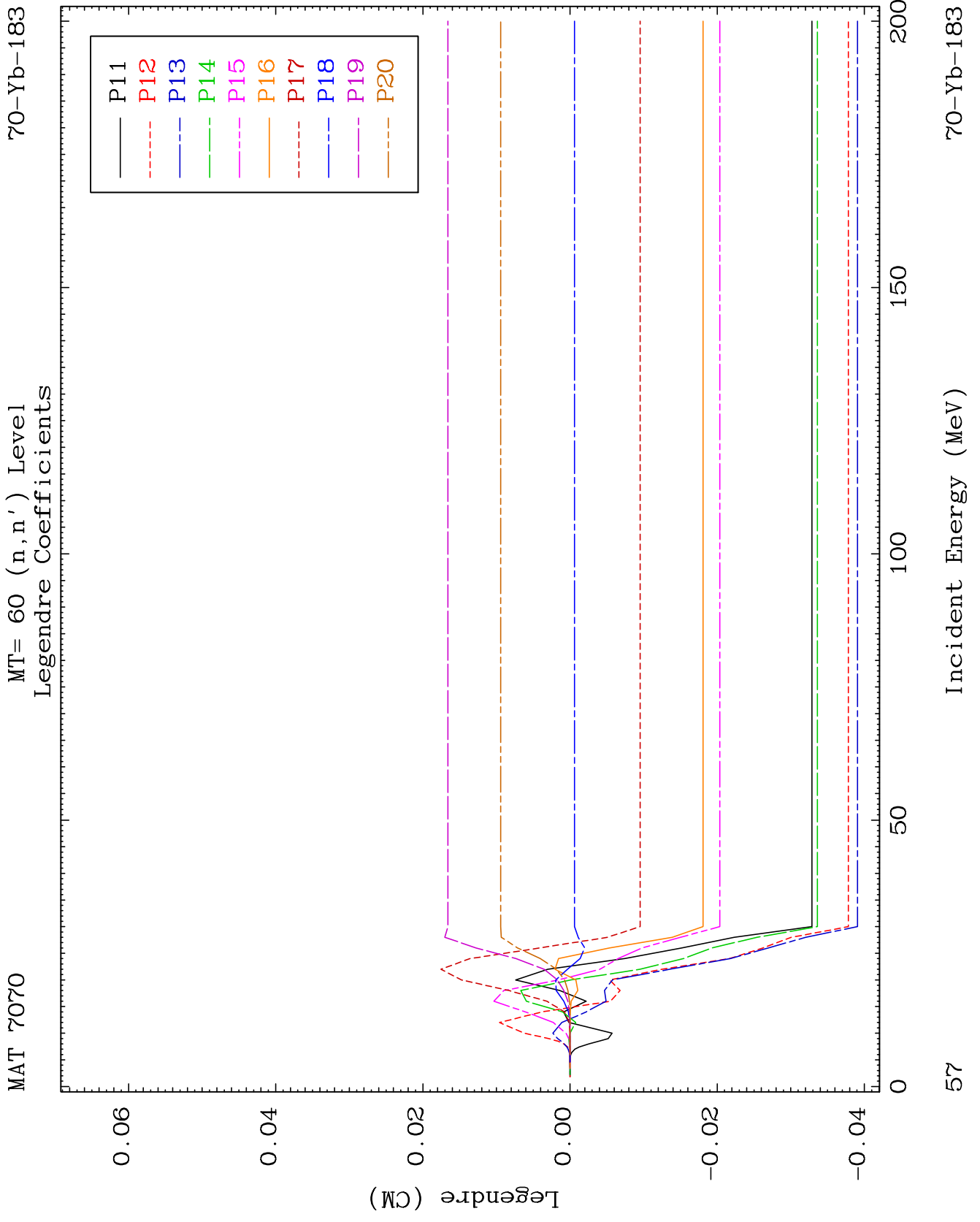
70-Yb-183



56

Incident Energy (MeV)

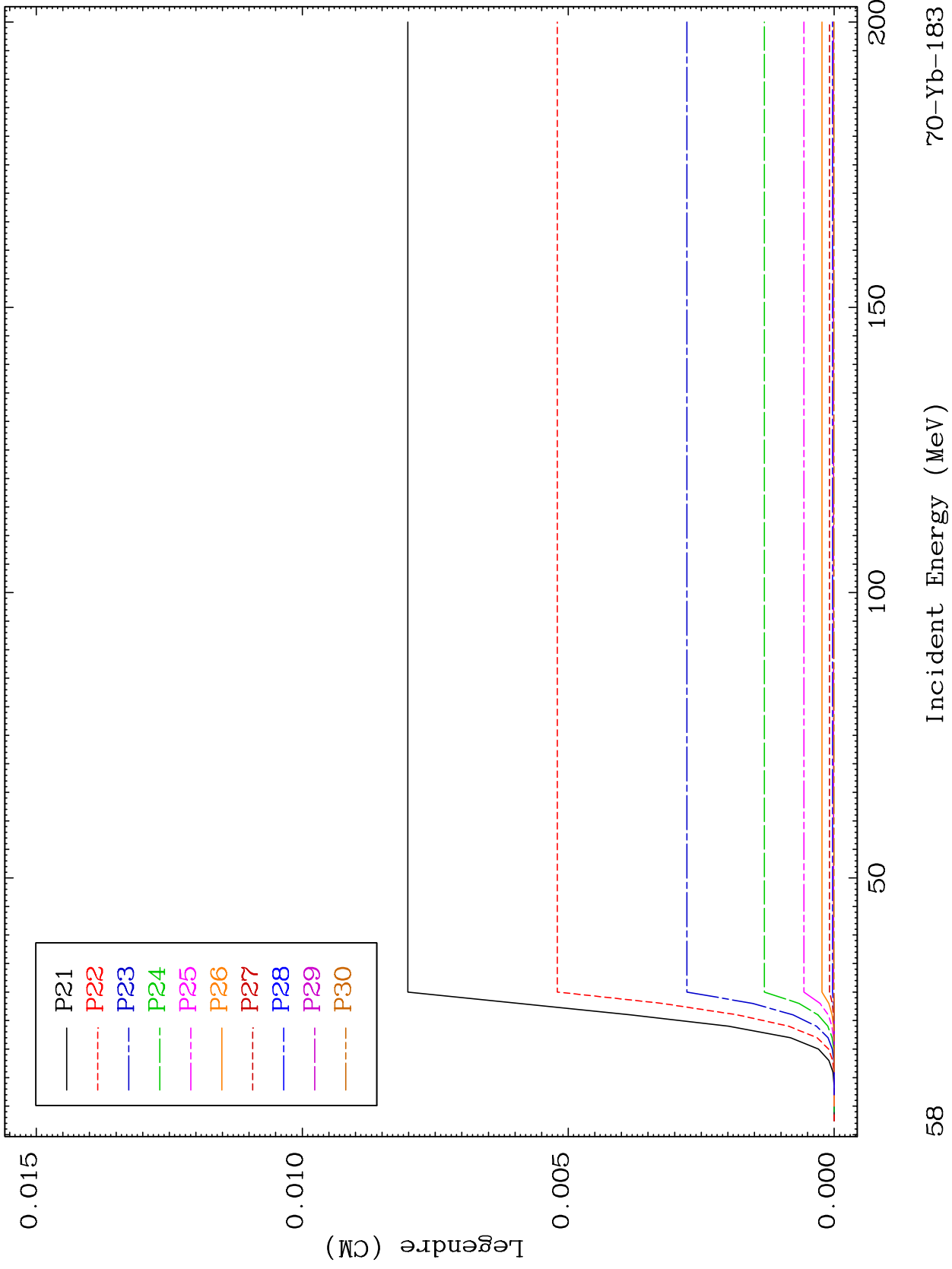
70-Yb-183



MAT 7070

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

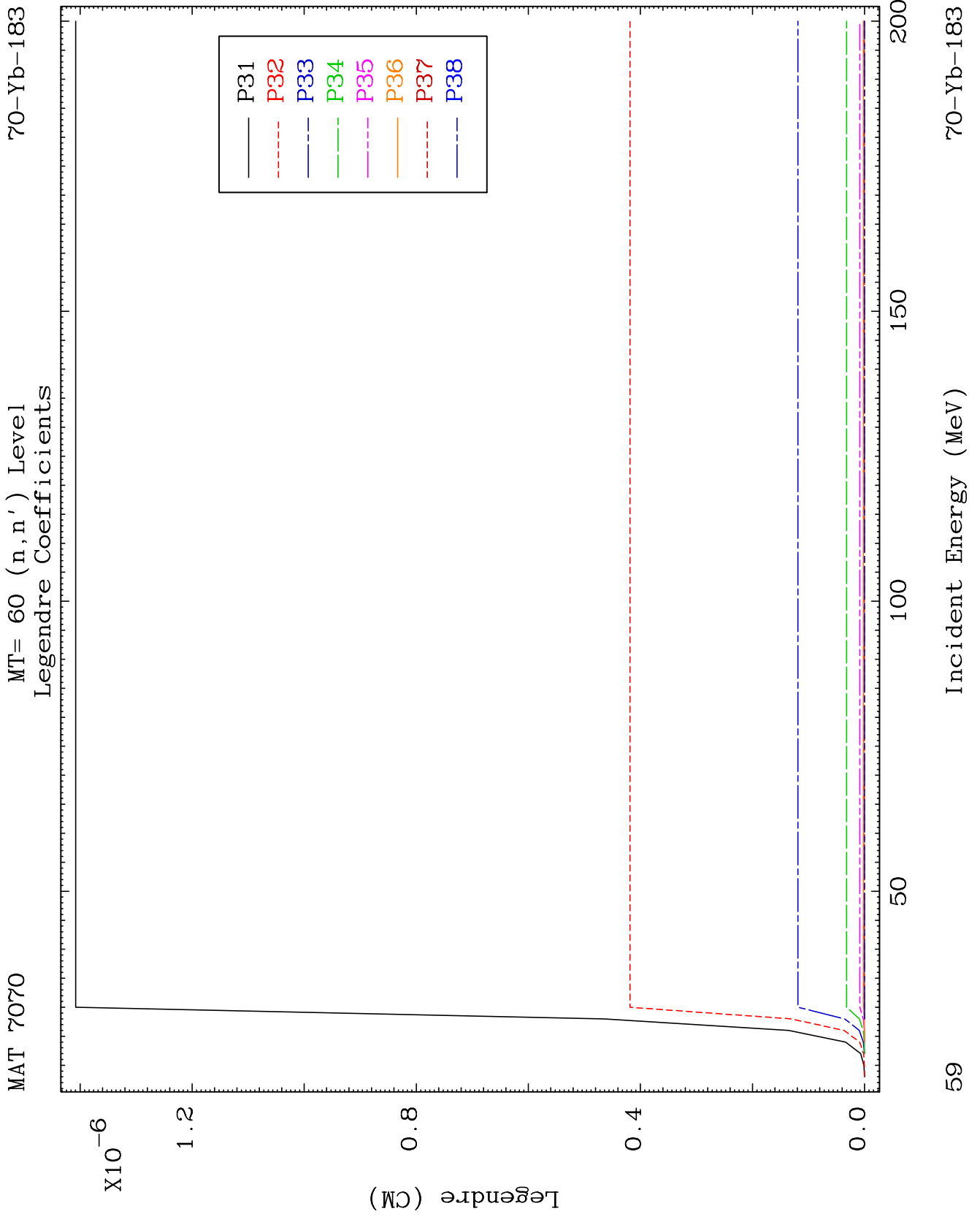
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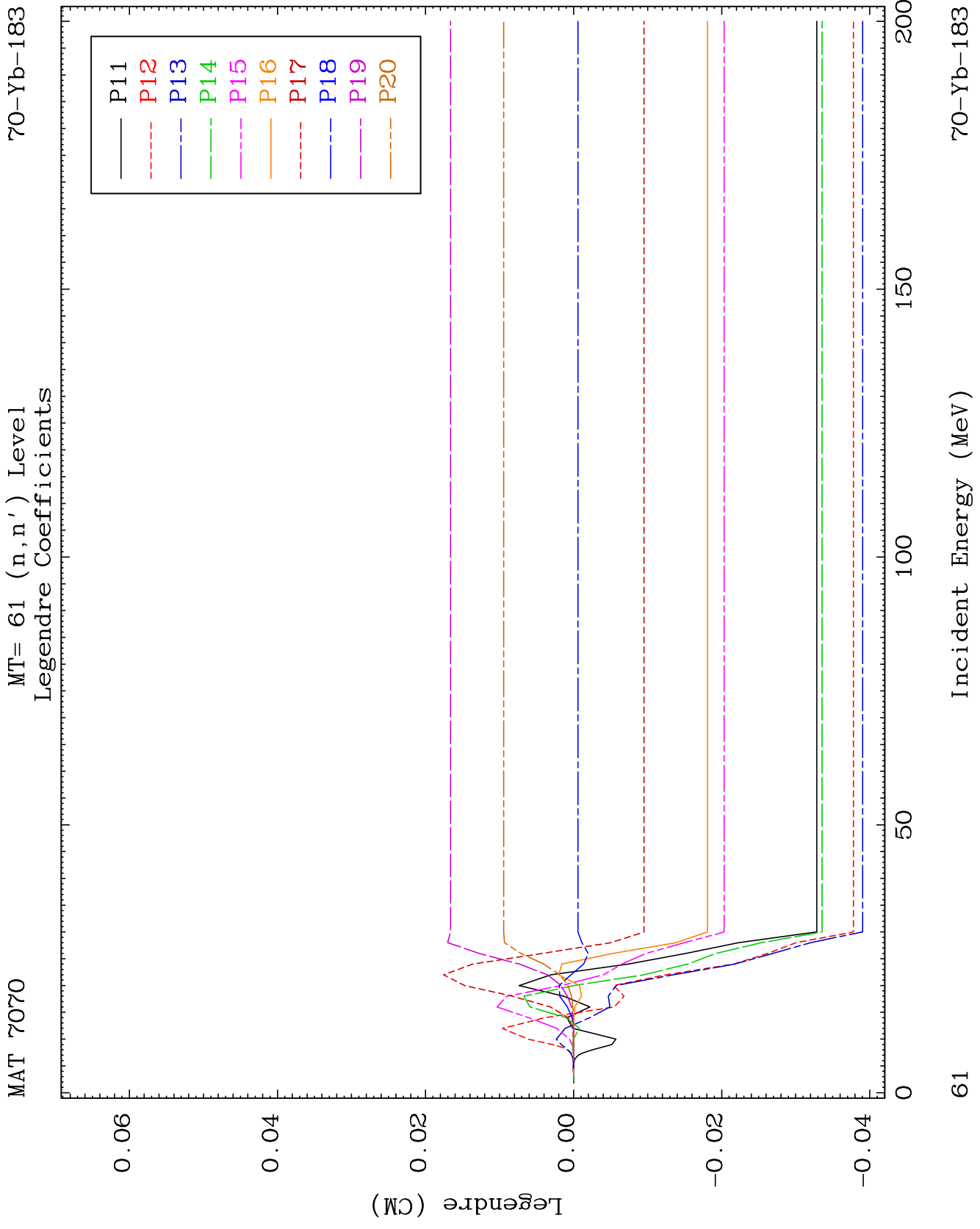


58

Incident Energy (MeV)

70-Yb-183

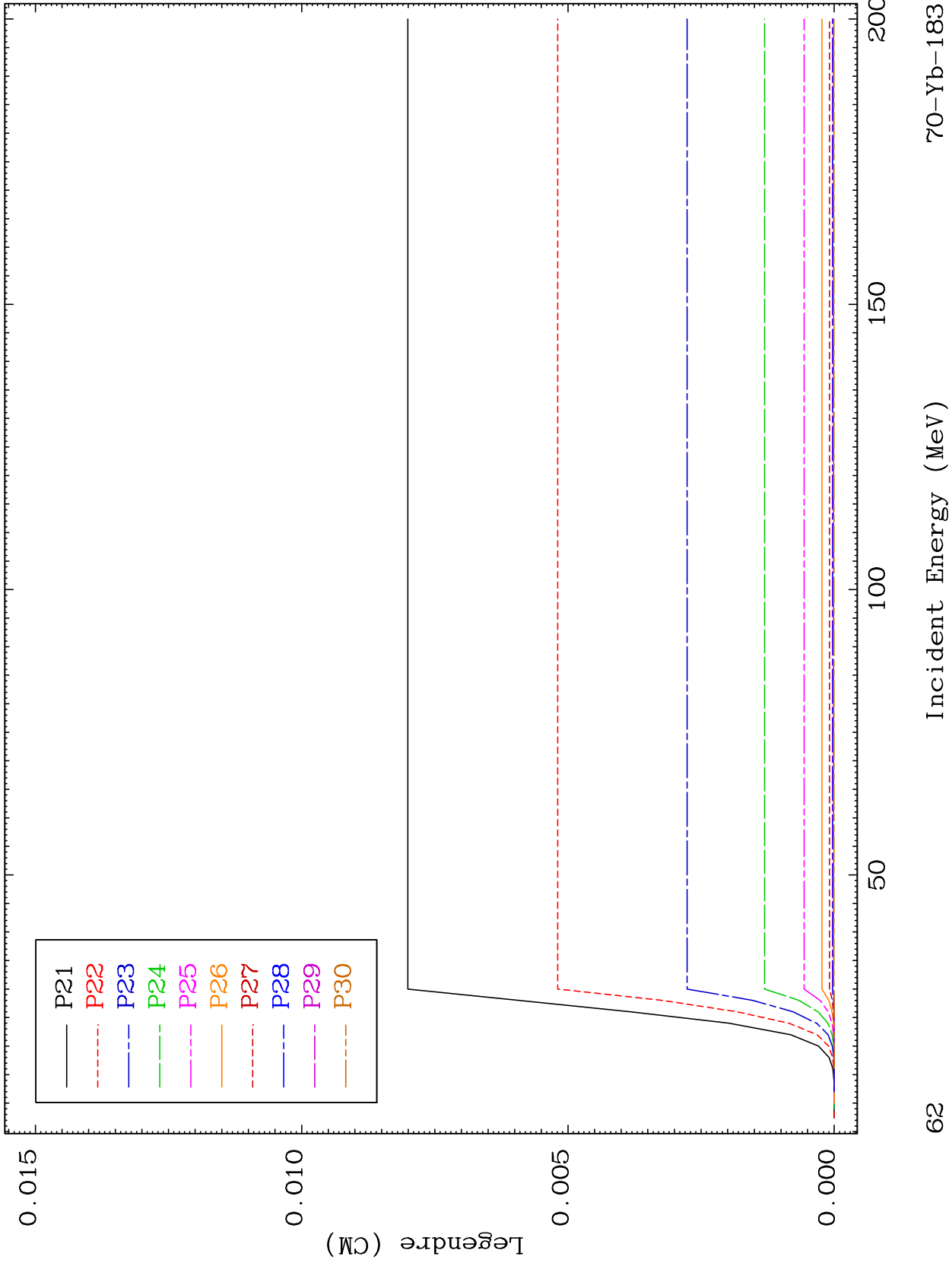




MAT 7070

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

70-Yb-183



62

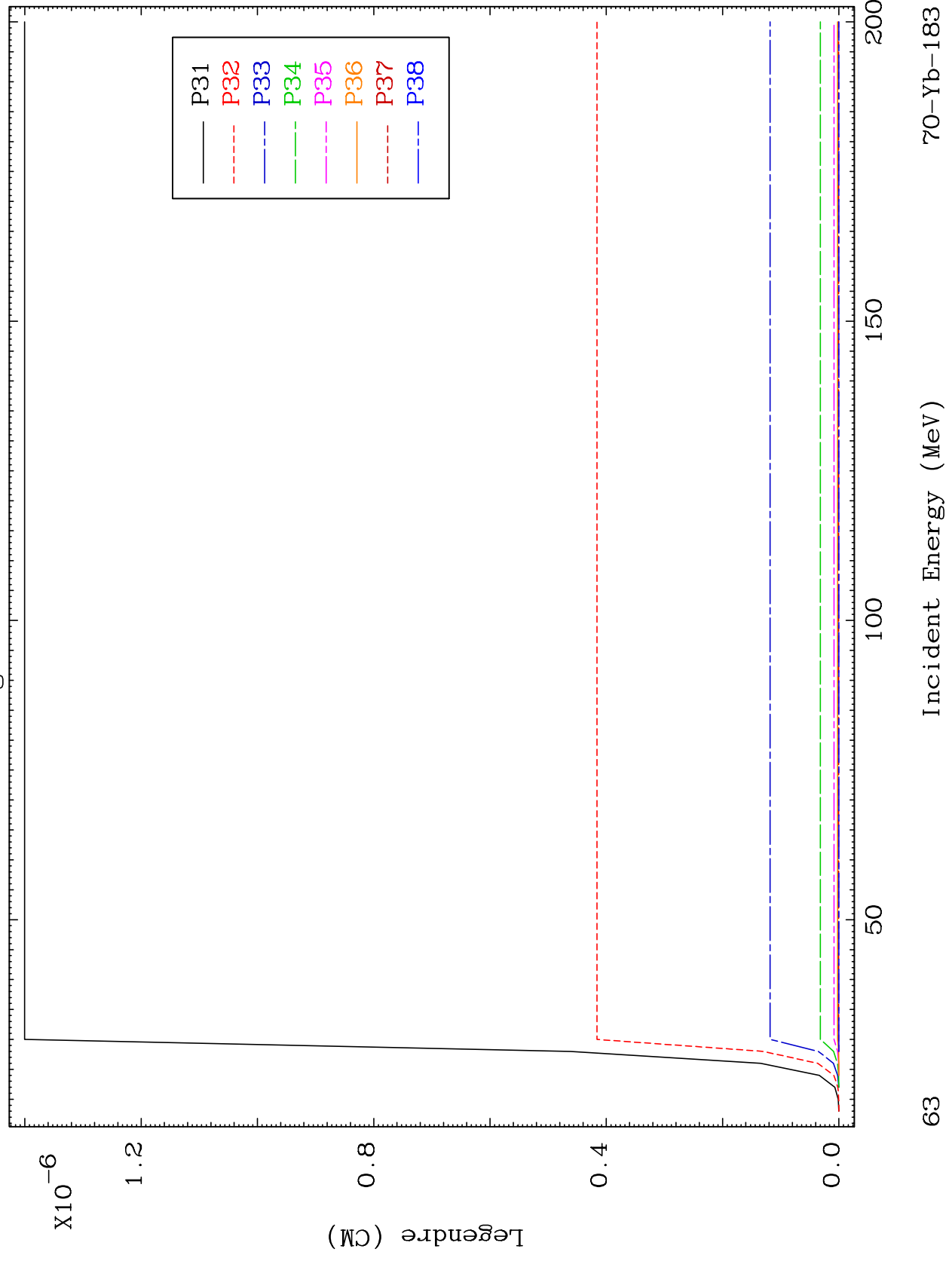
Incident Energy (MeV)

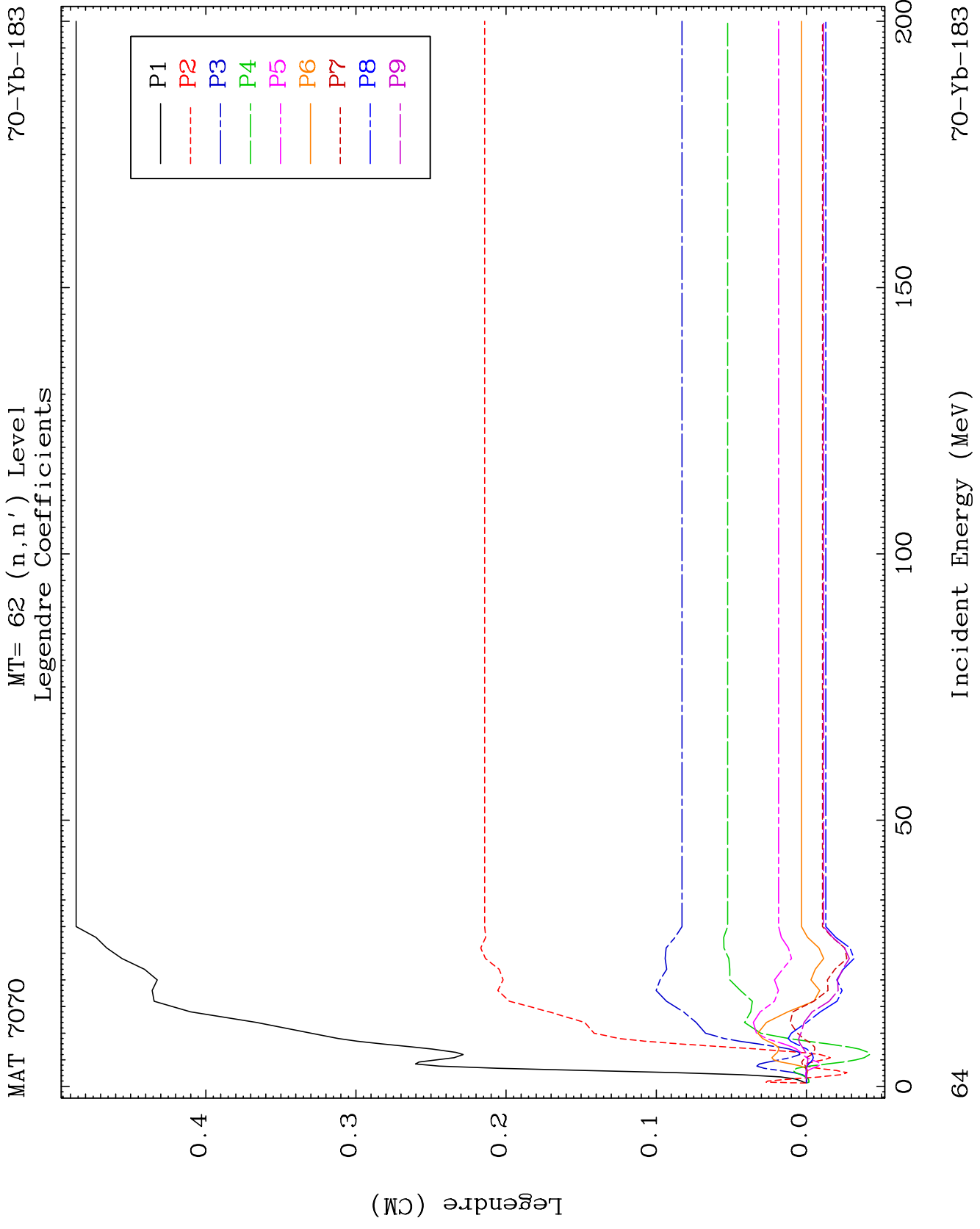
70-Yb-183

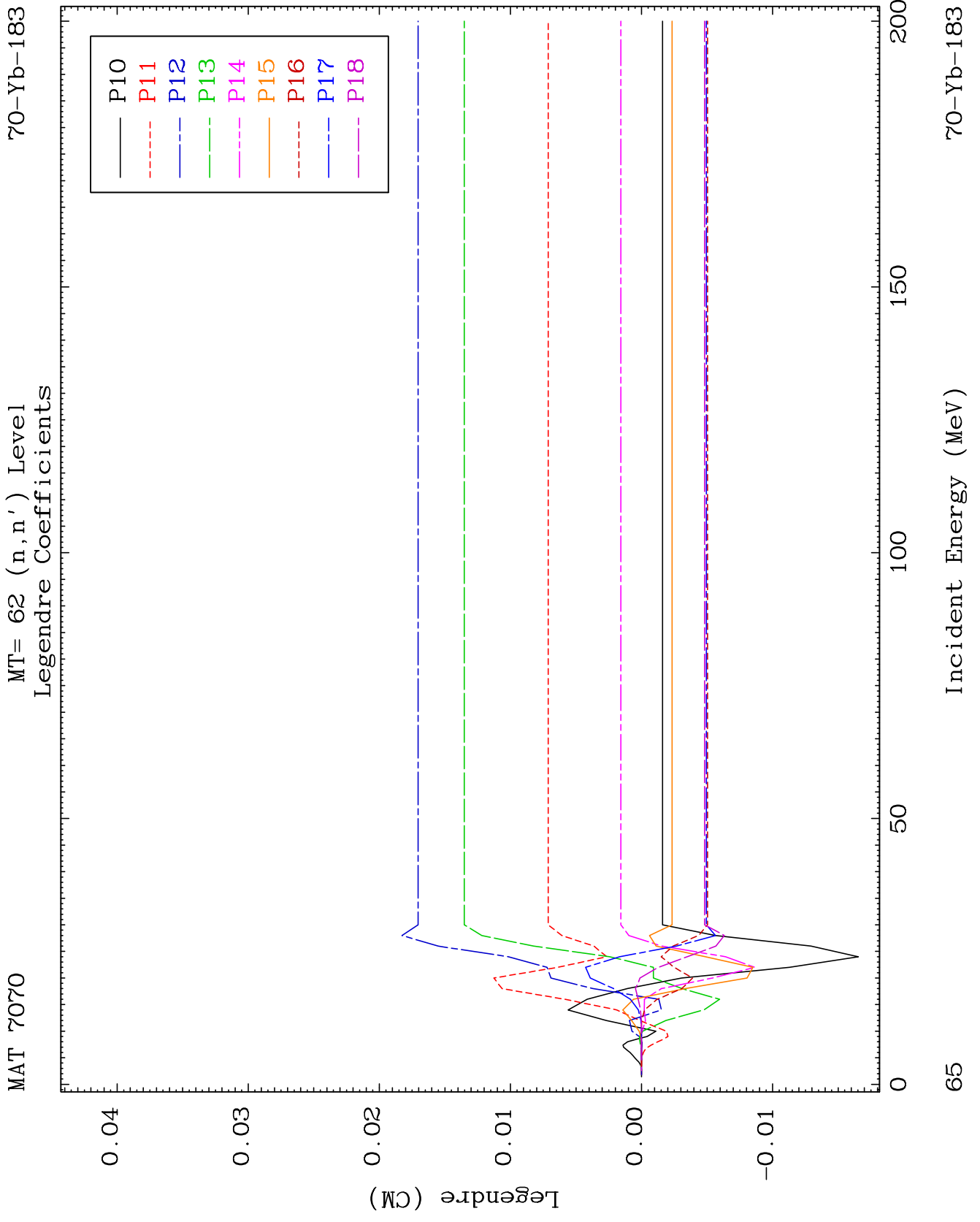
MAT 7070

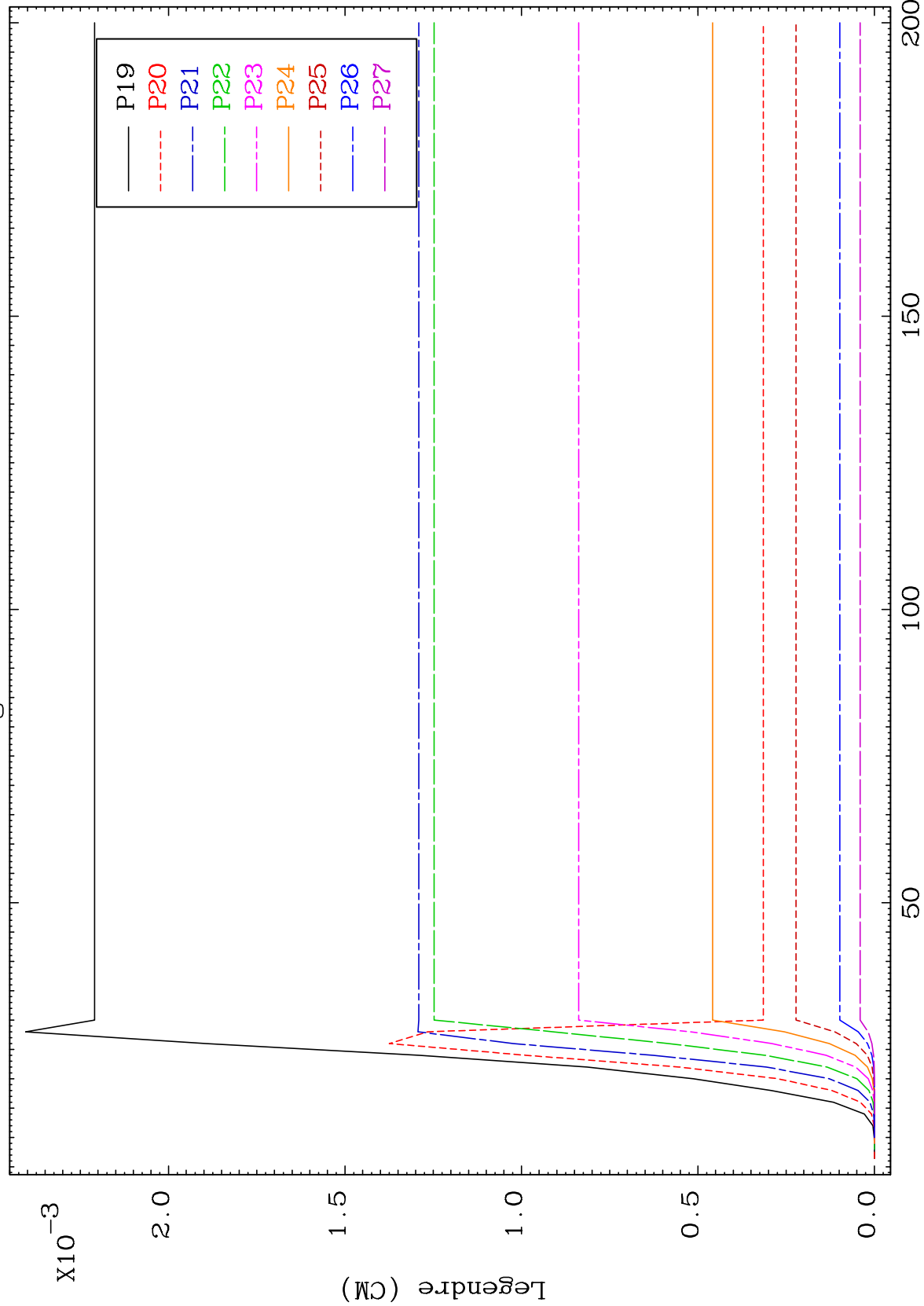
MT= 61 (n,n') Level
Legendre Coefficients

70-Yb-183





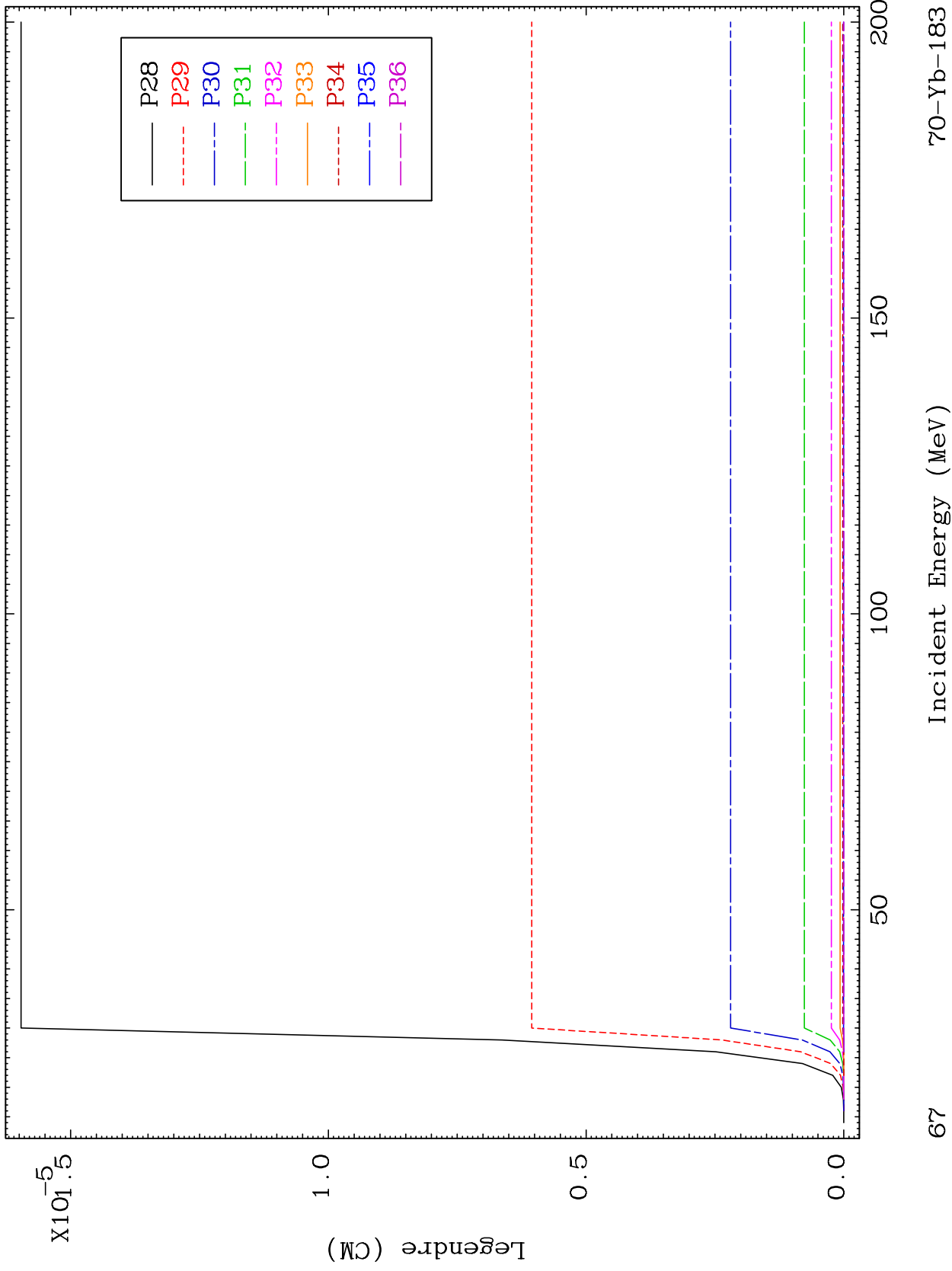


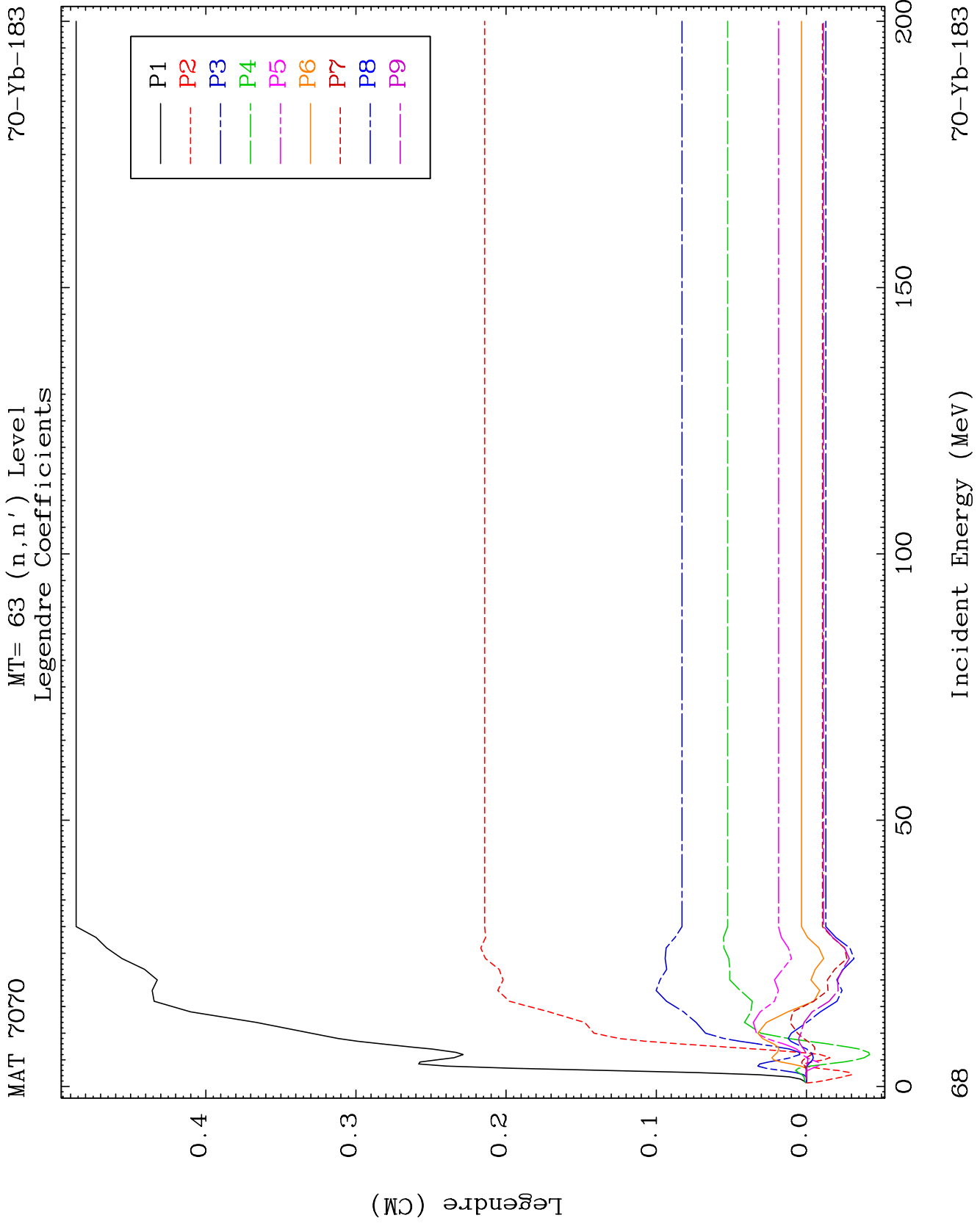


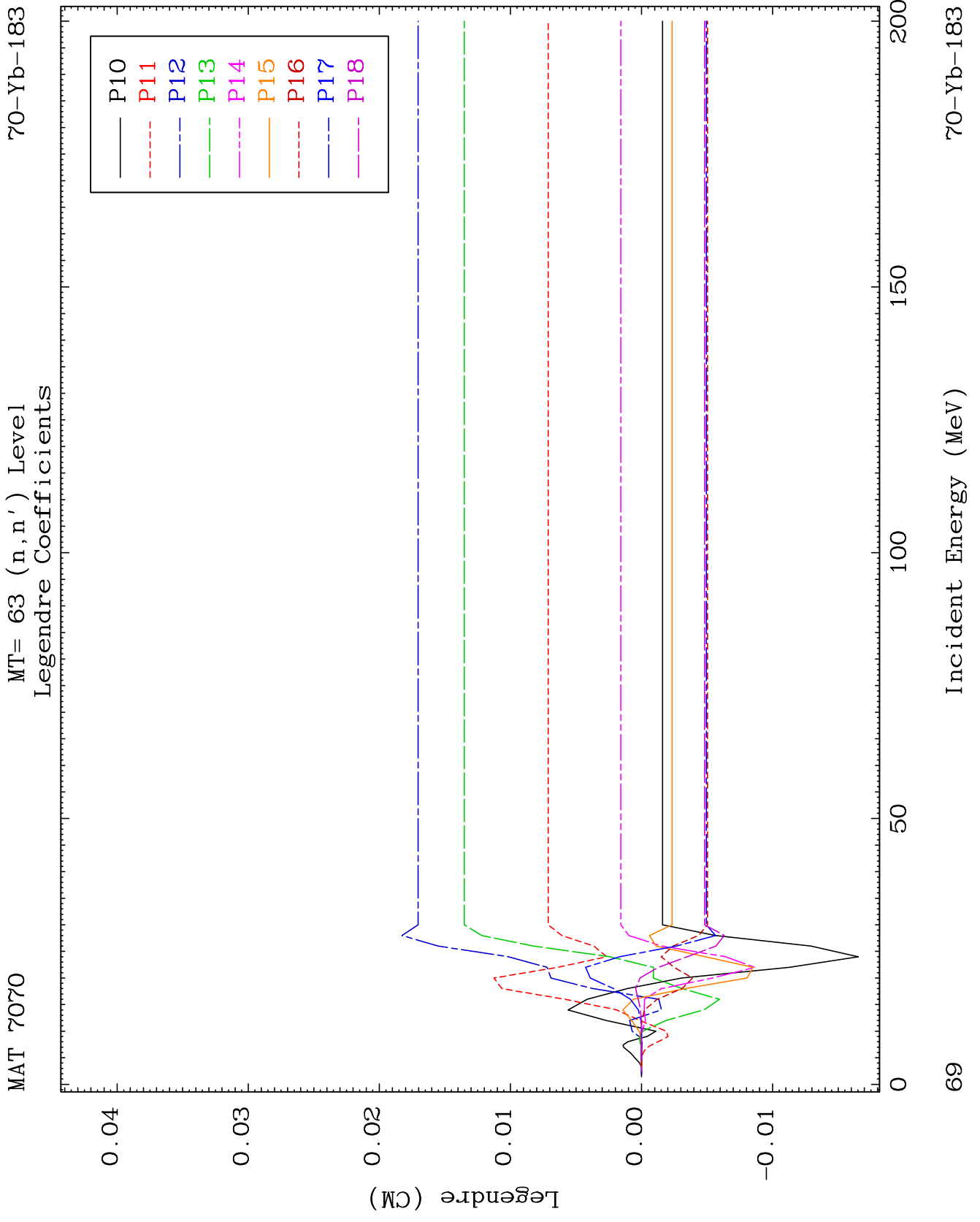
MAT 7070

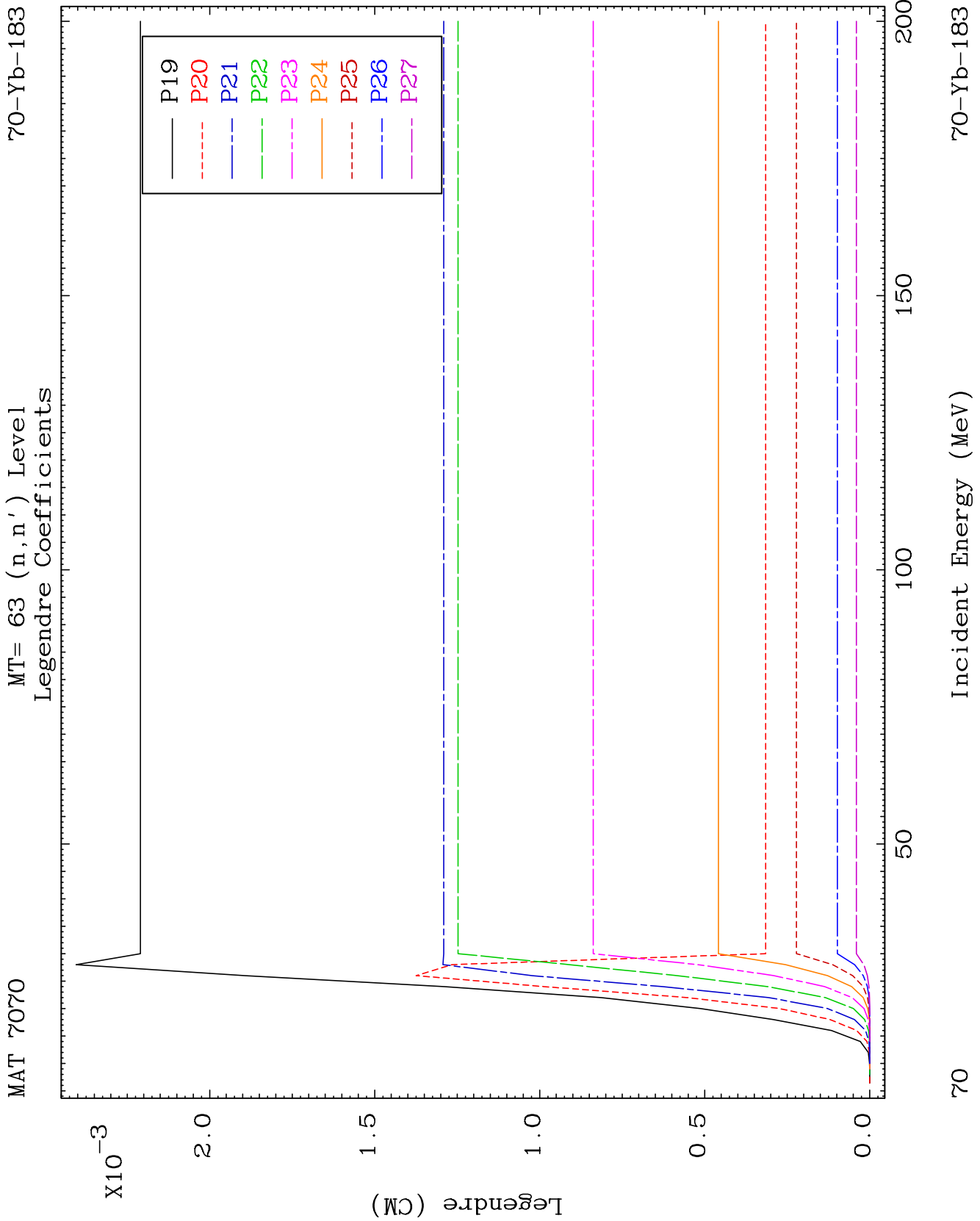
MT= 62 (n,n') Level
Legendre Coefficients

70-Yb-183





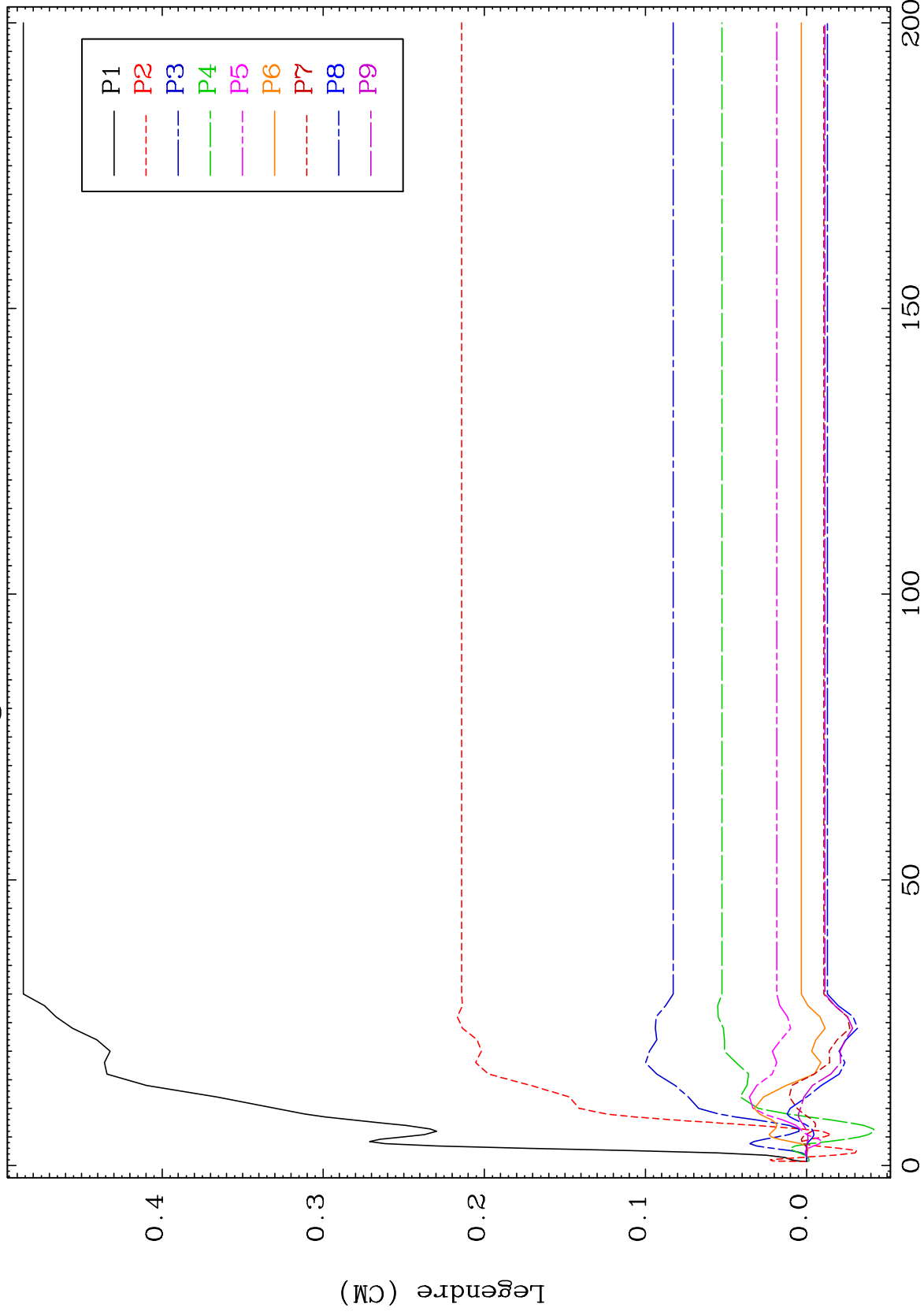




MAT 7070

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

70-Yb-183



72

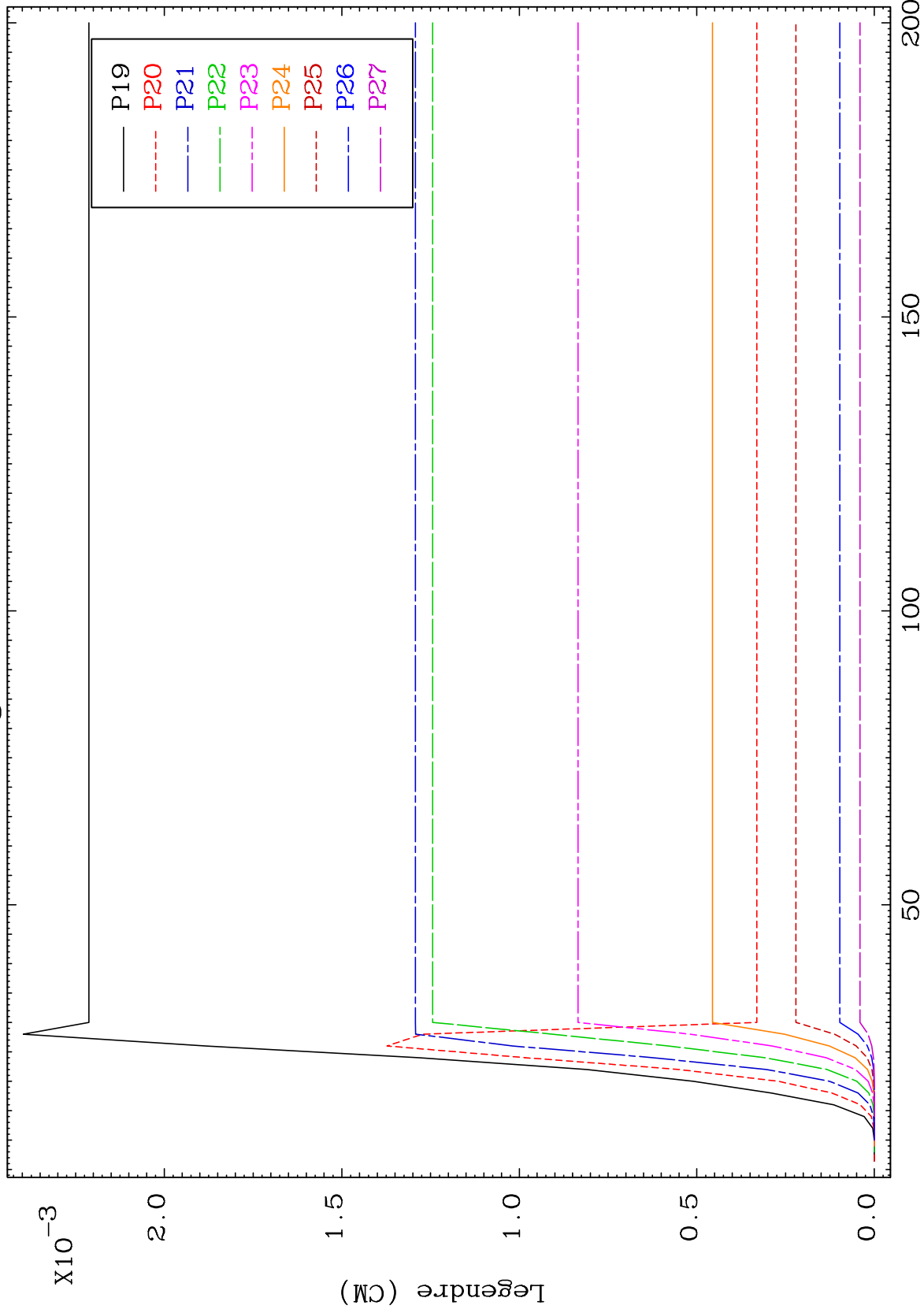
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

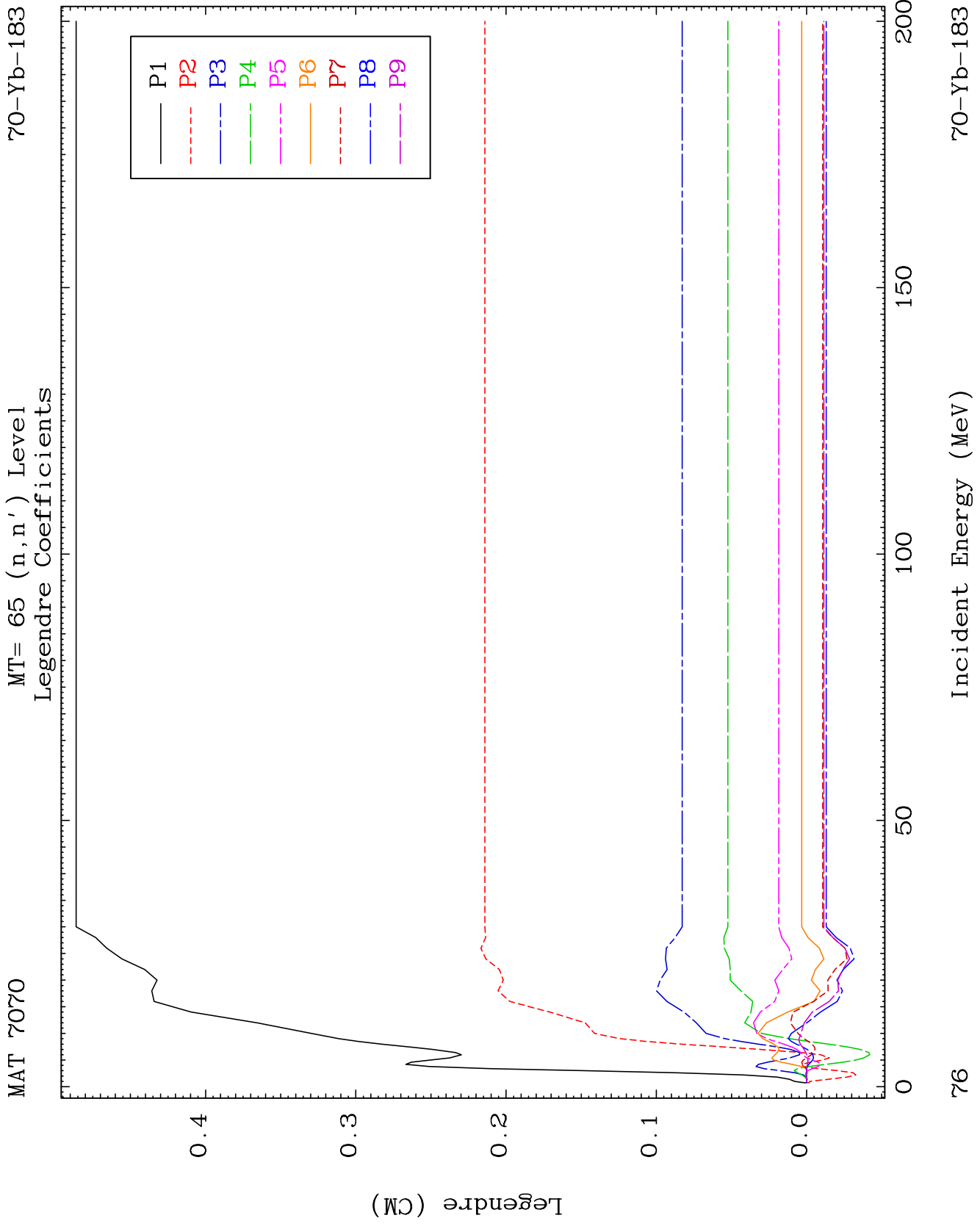
70-Yb-183



74

Incident Energy (MeV)

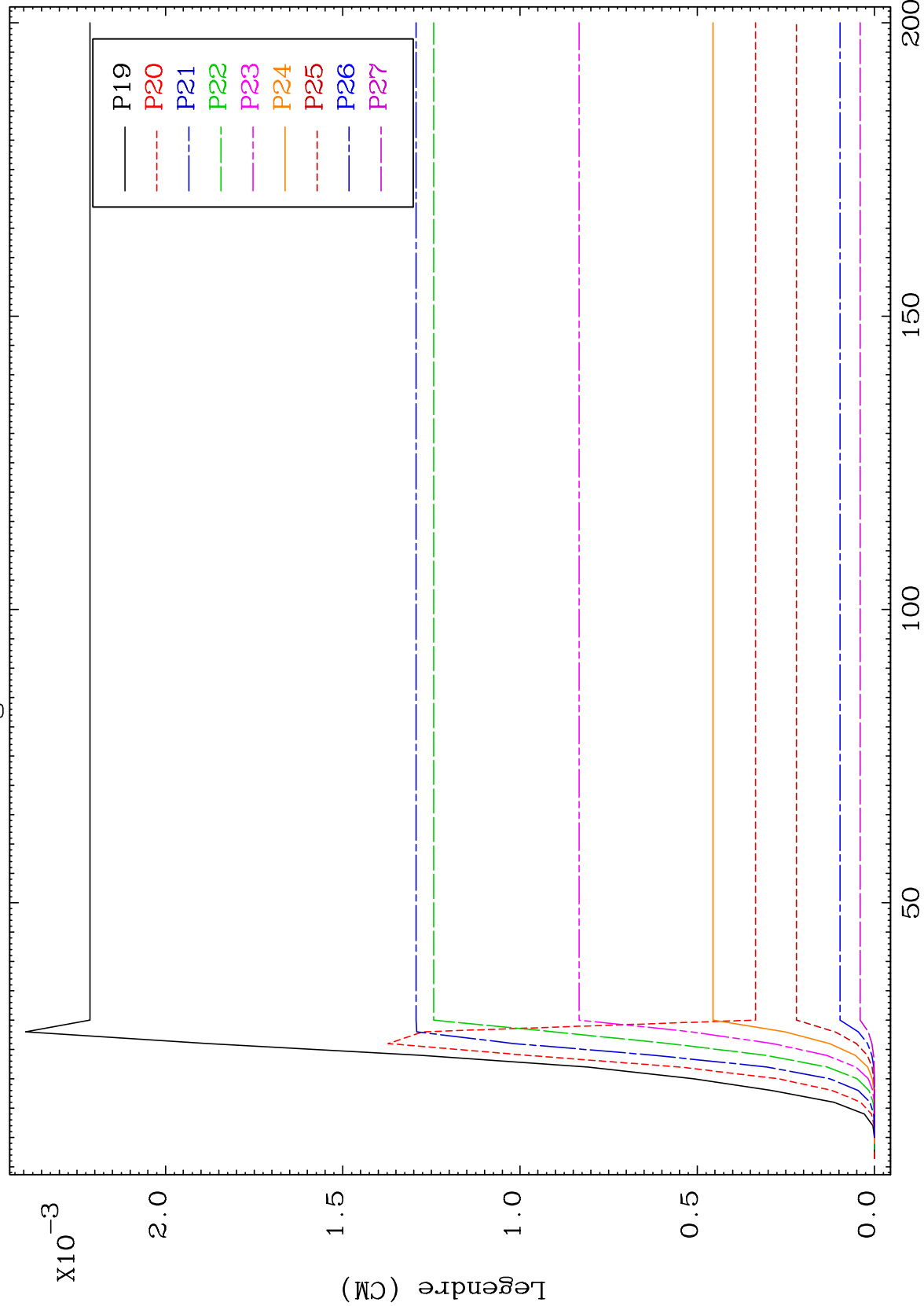
70-Yb-183



MAT 7070

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

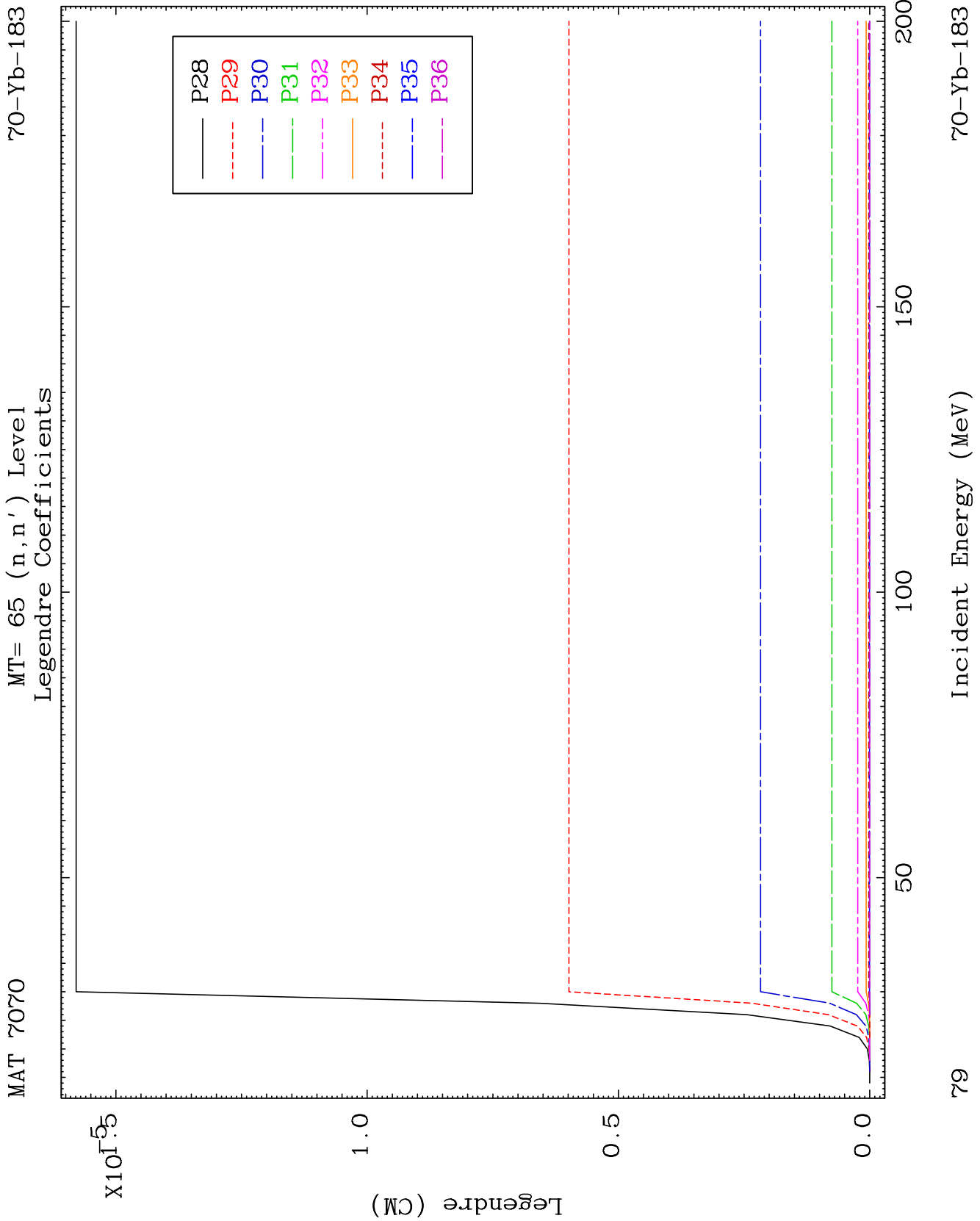
70-Yb-183

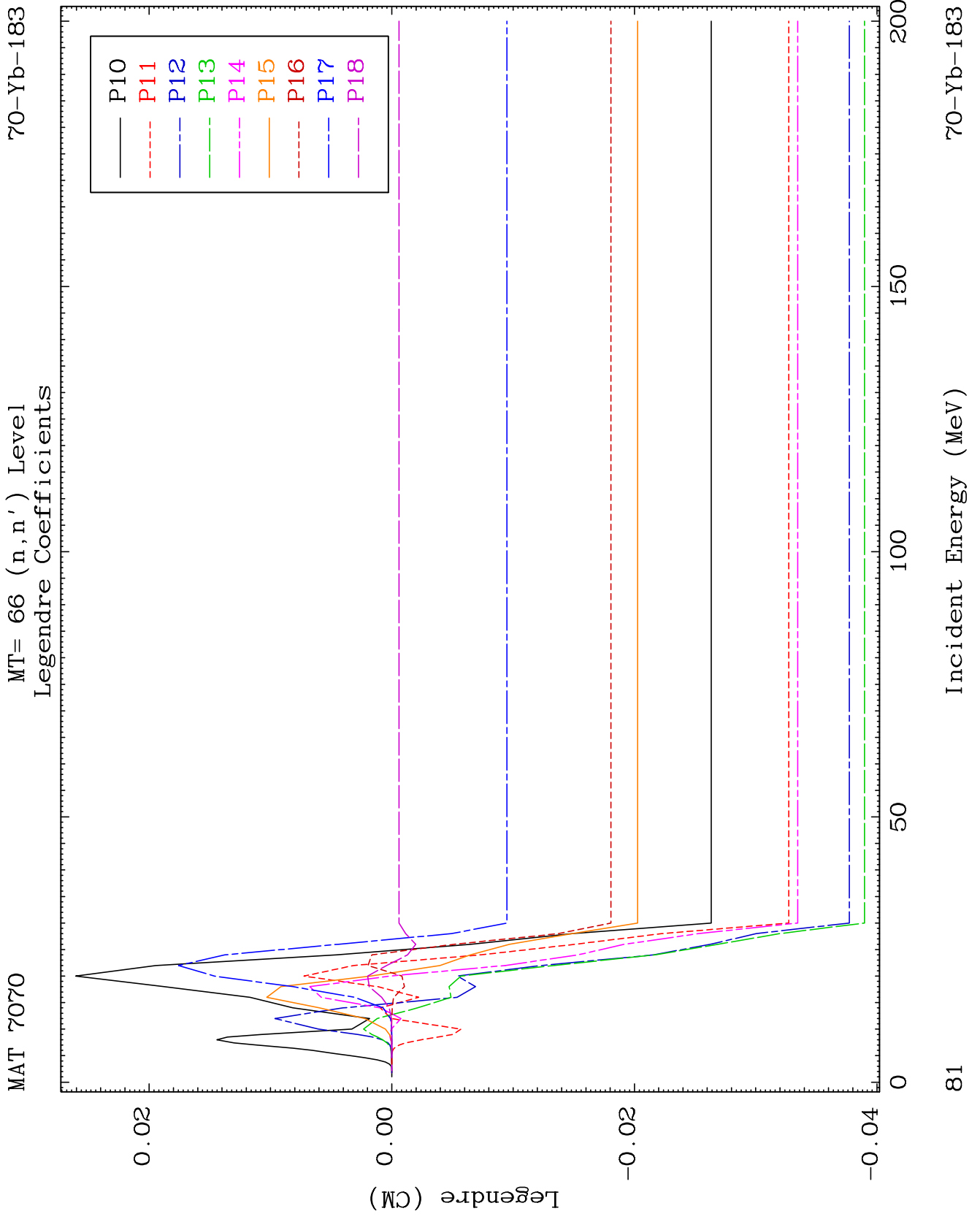


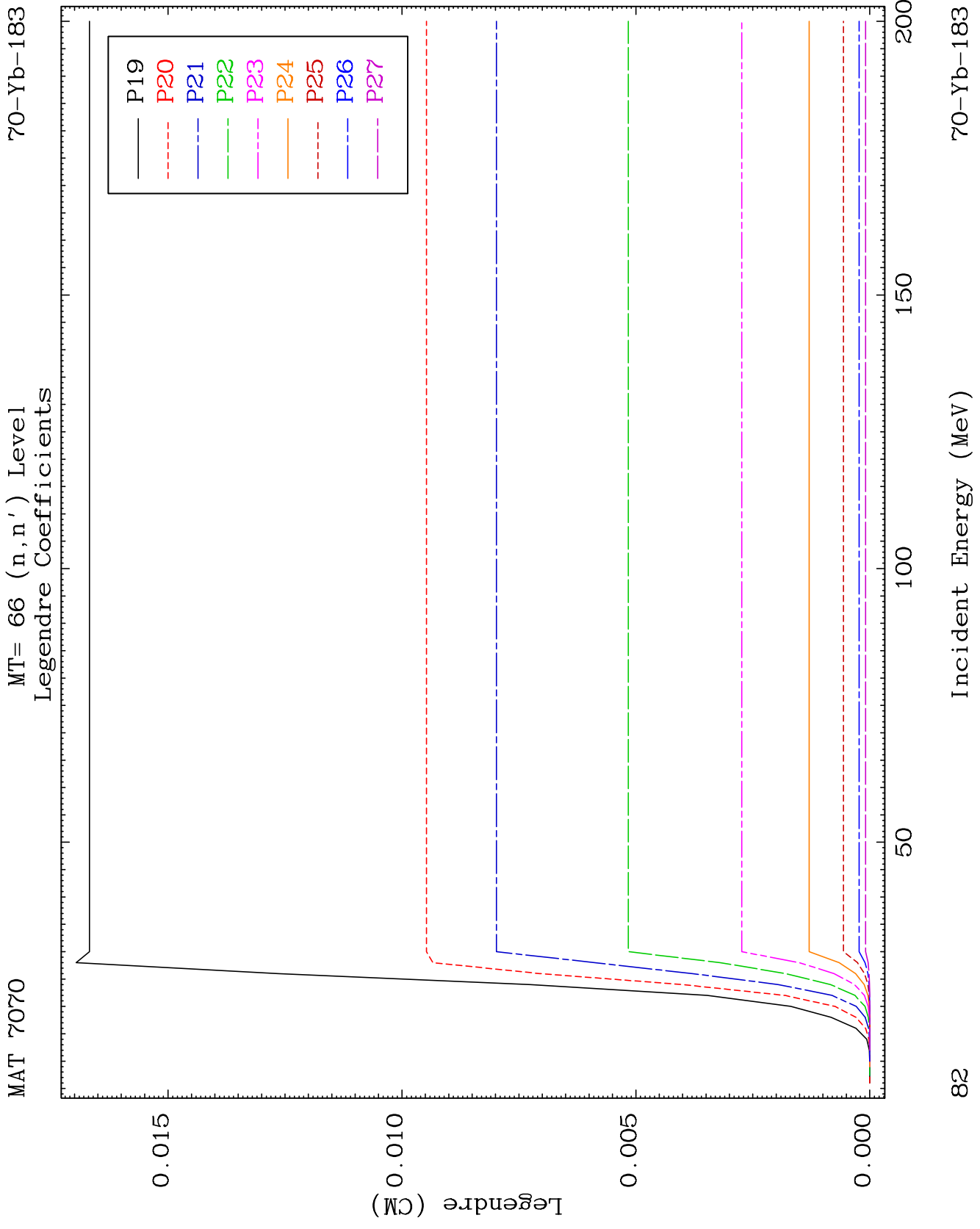
78

Incident Energy (MeV)

70-Yb-183



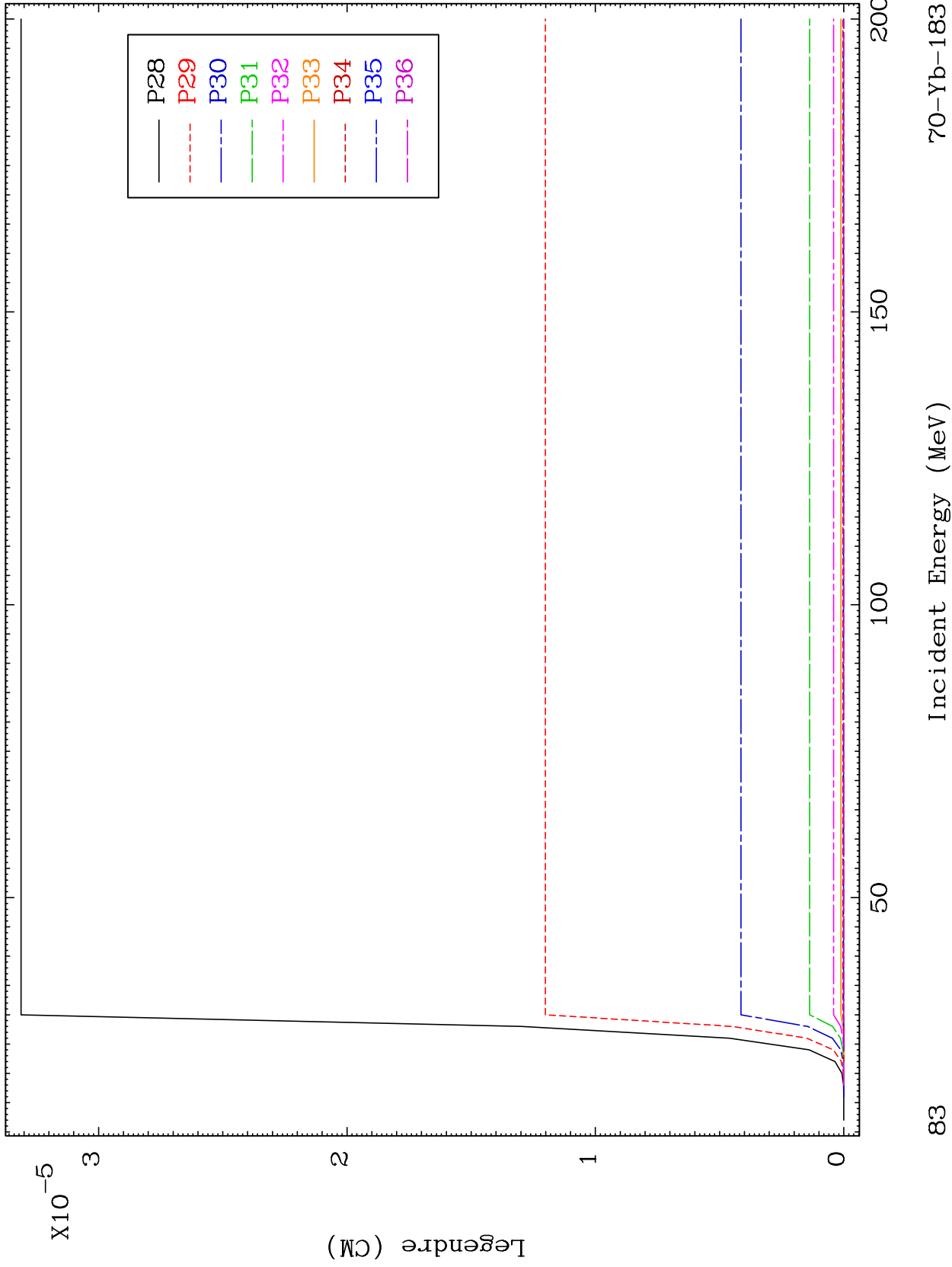




MAT 7070

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

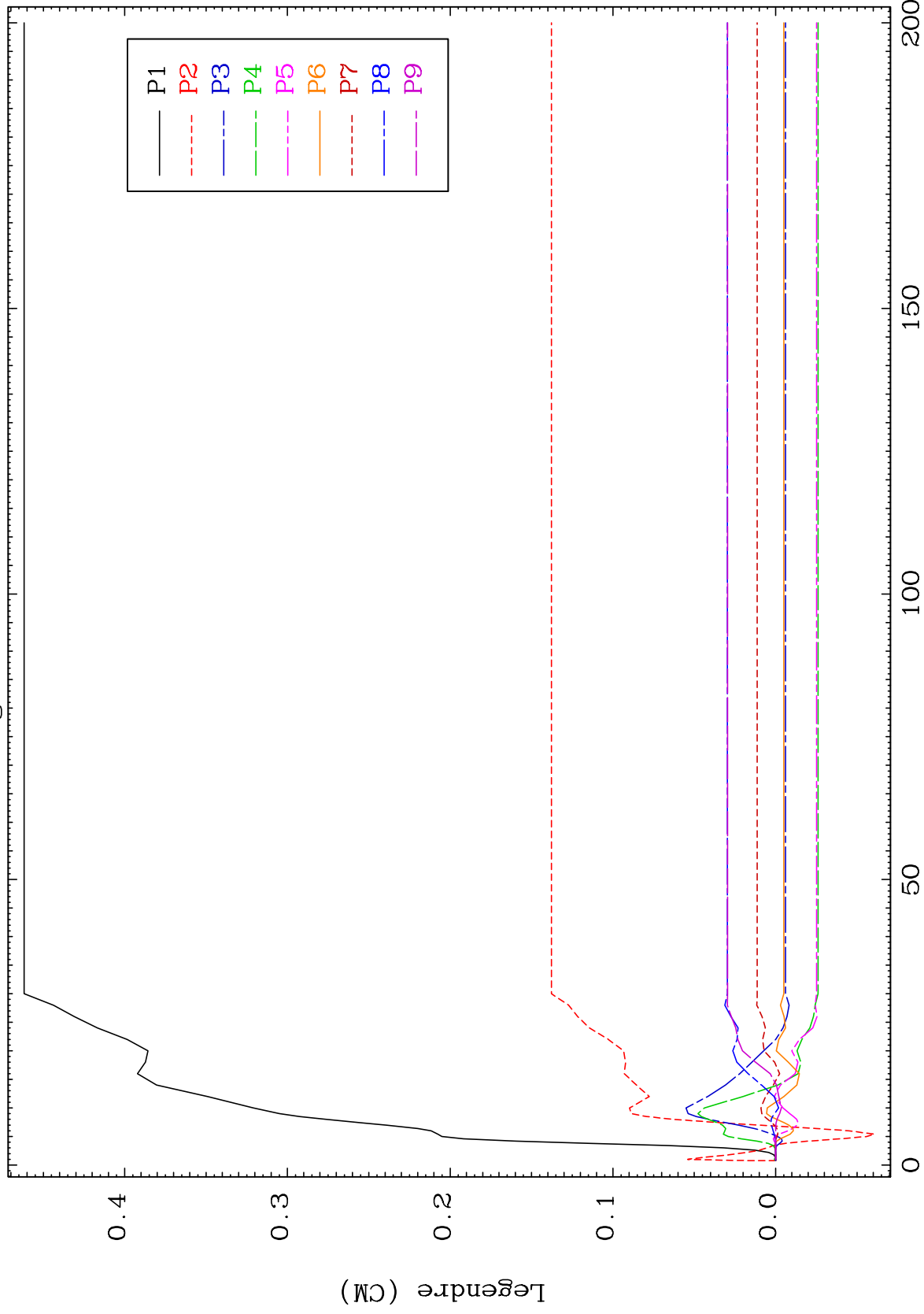
70-Yb-183



MAT 7070

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

70-Yb-183



84

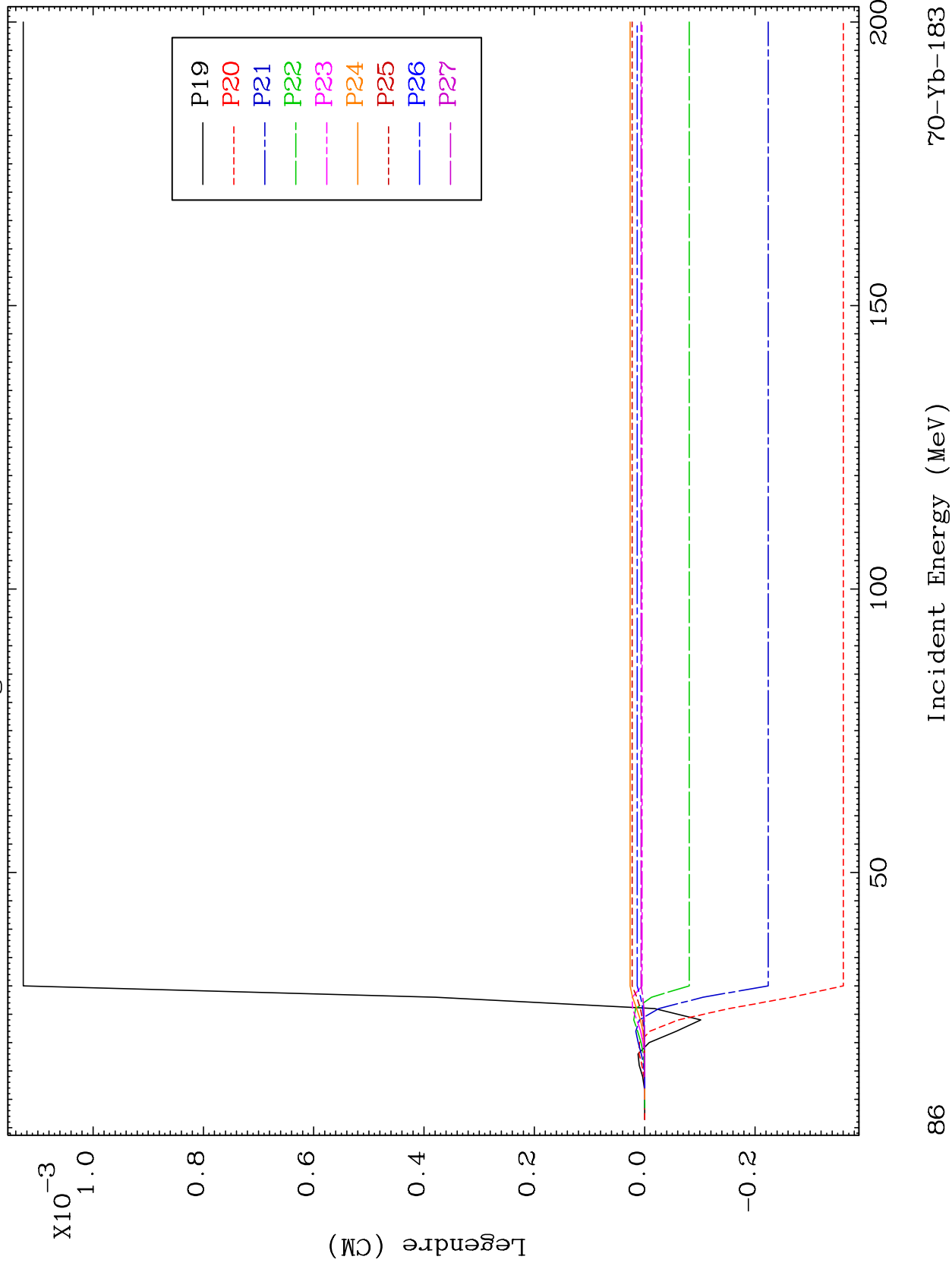
Incident Energy (MeV)

70-Yb-183

MAT 7070

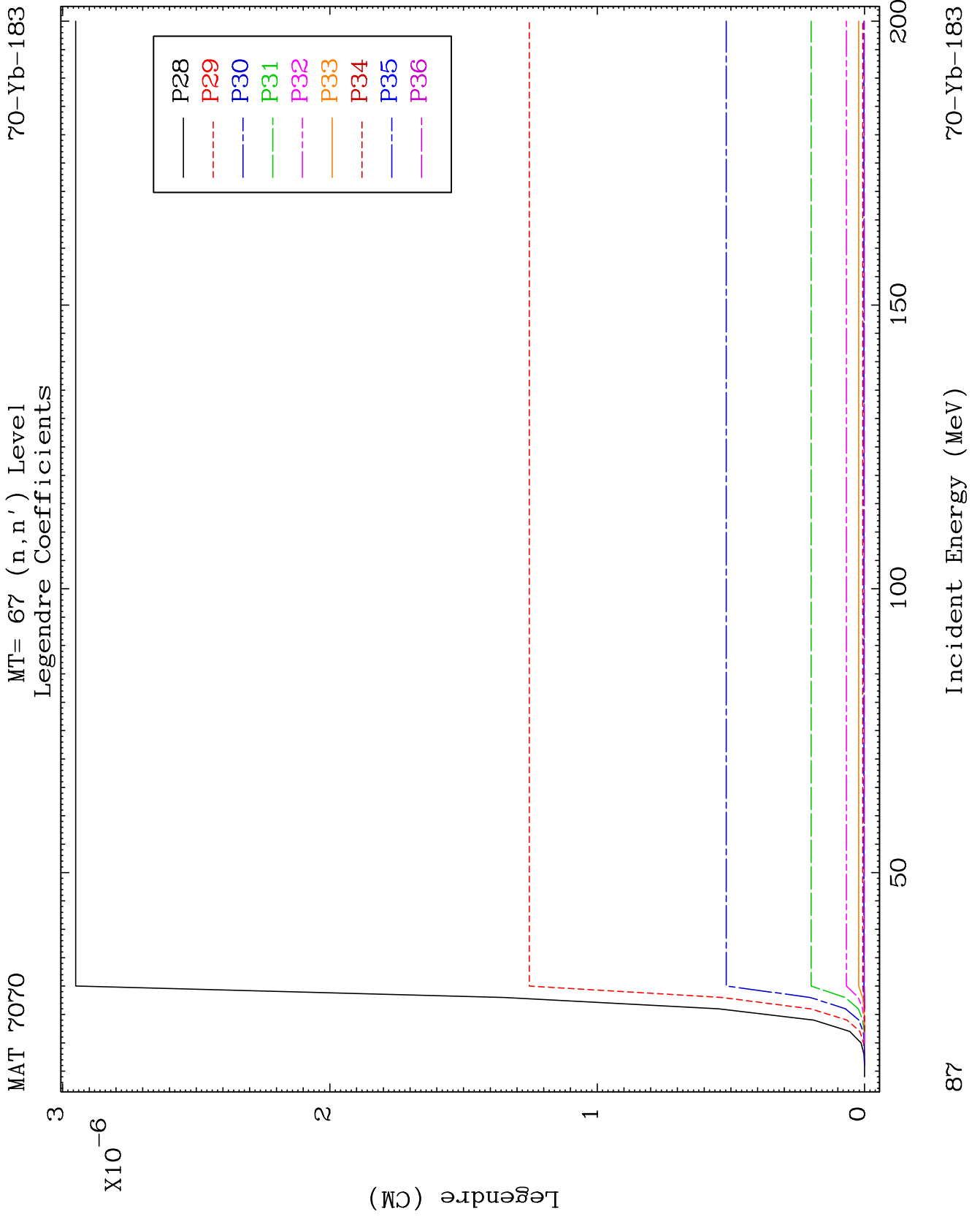
MT= 67 (n,n') Level
Legendre Coefficients

70-Yb-183



86

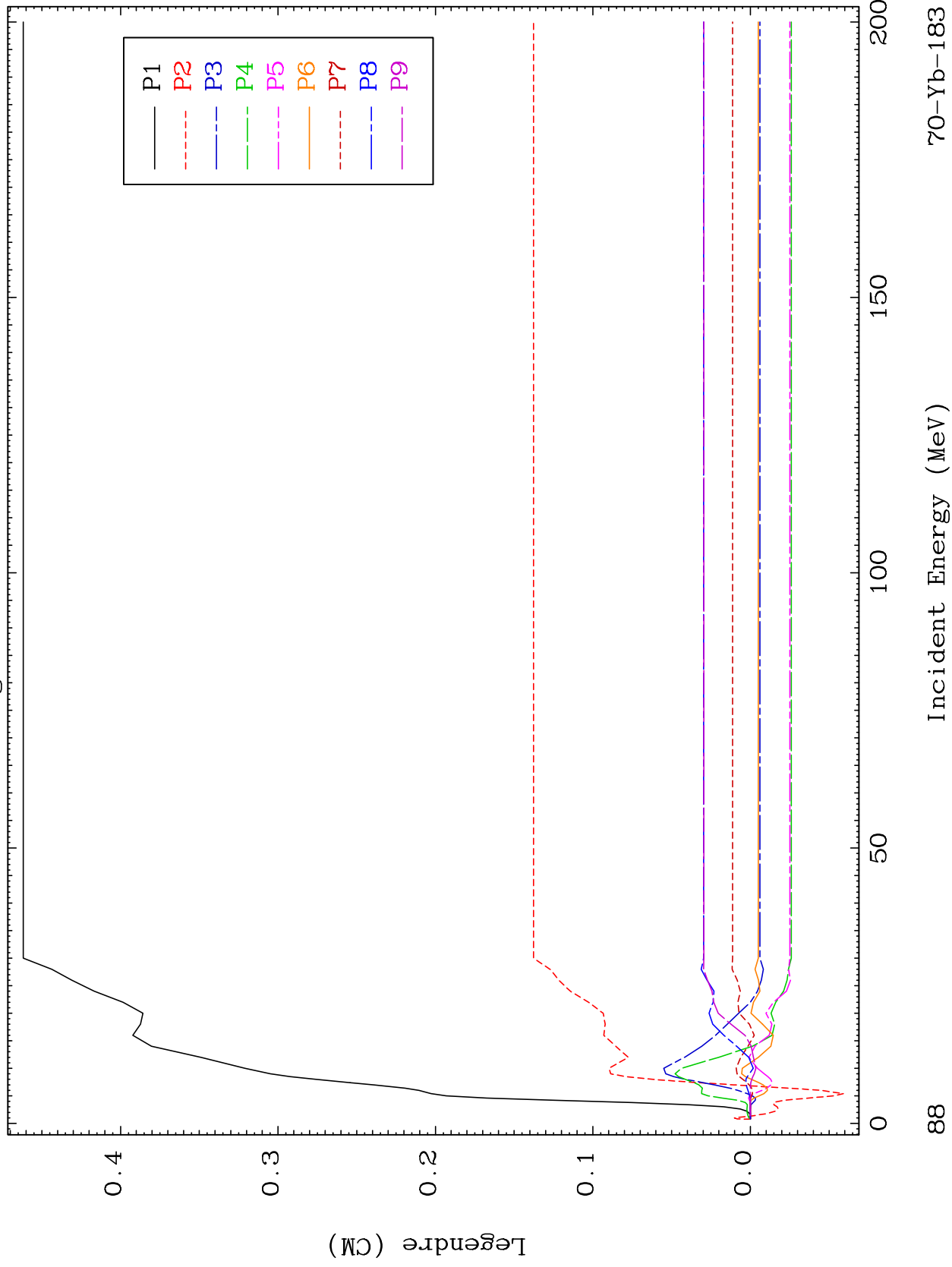
70-Yb-183



MAT 7070

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

70-Yb-183



70-Yb-183

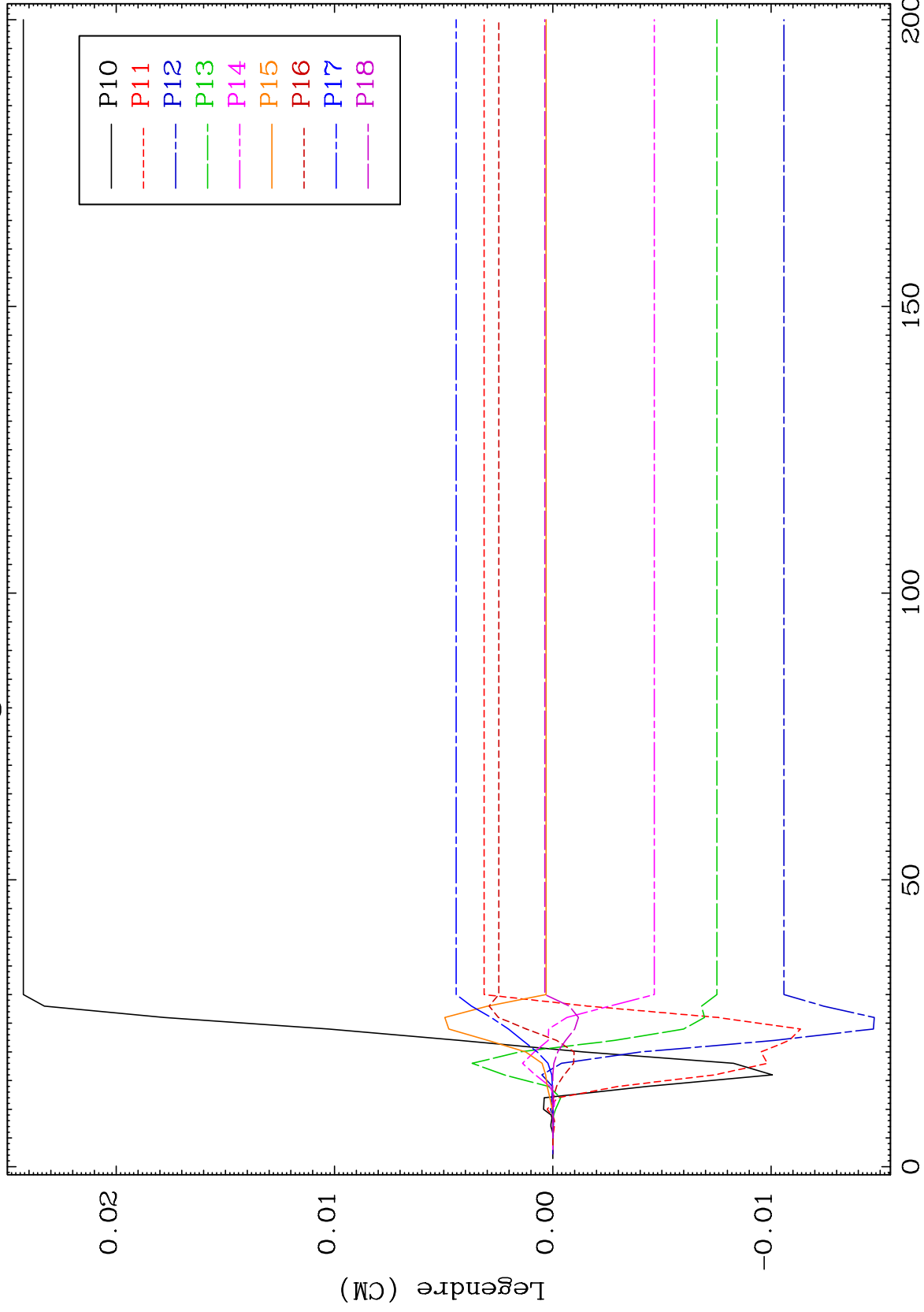
Incident Energy (MeV)

88

MAT 7070

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

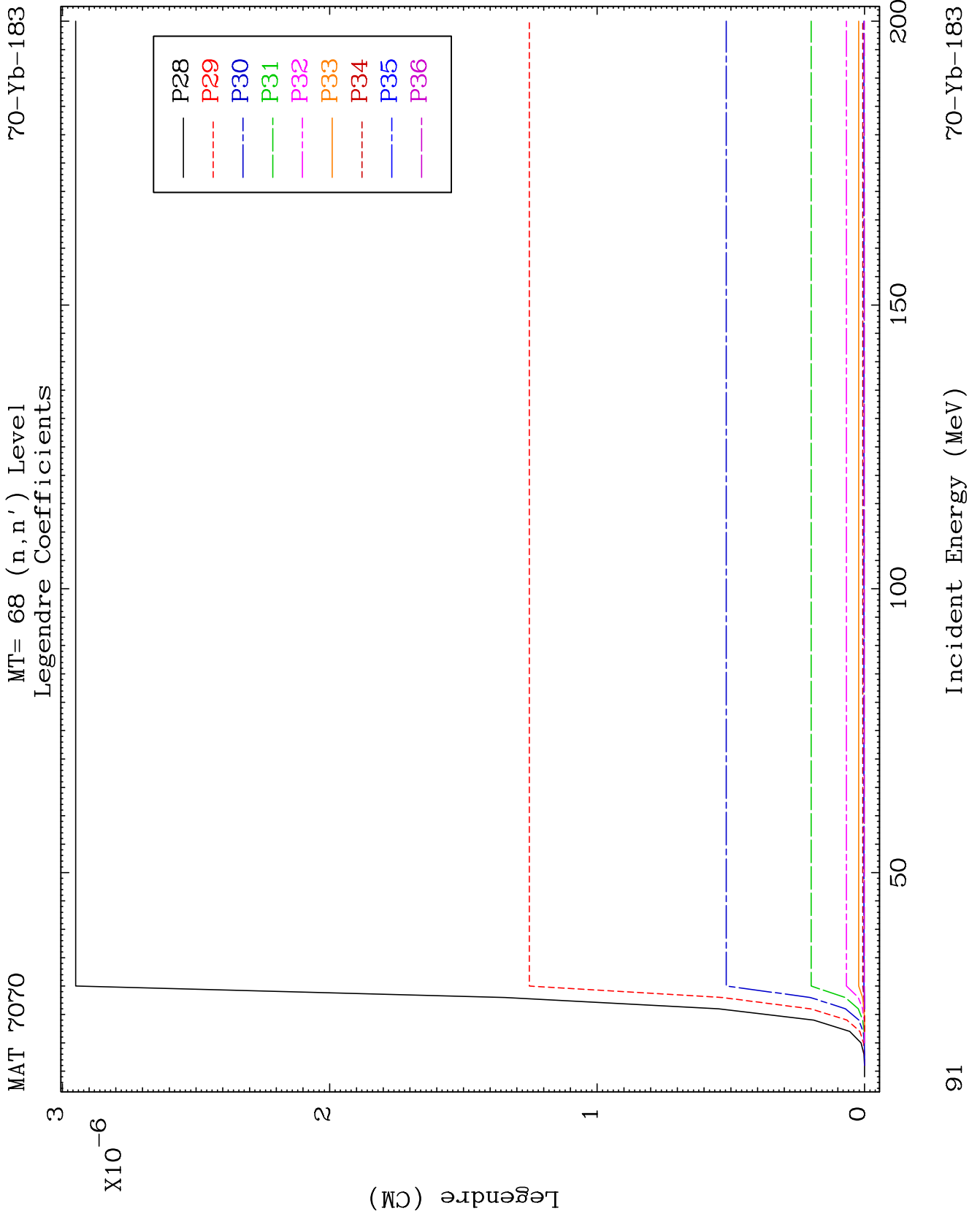
70-Yb-183

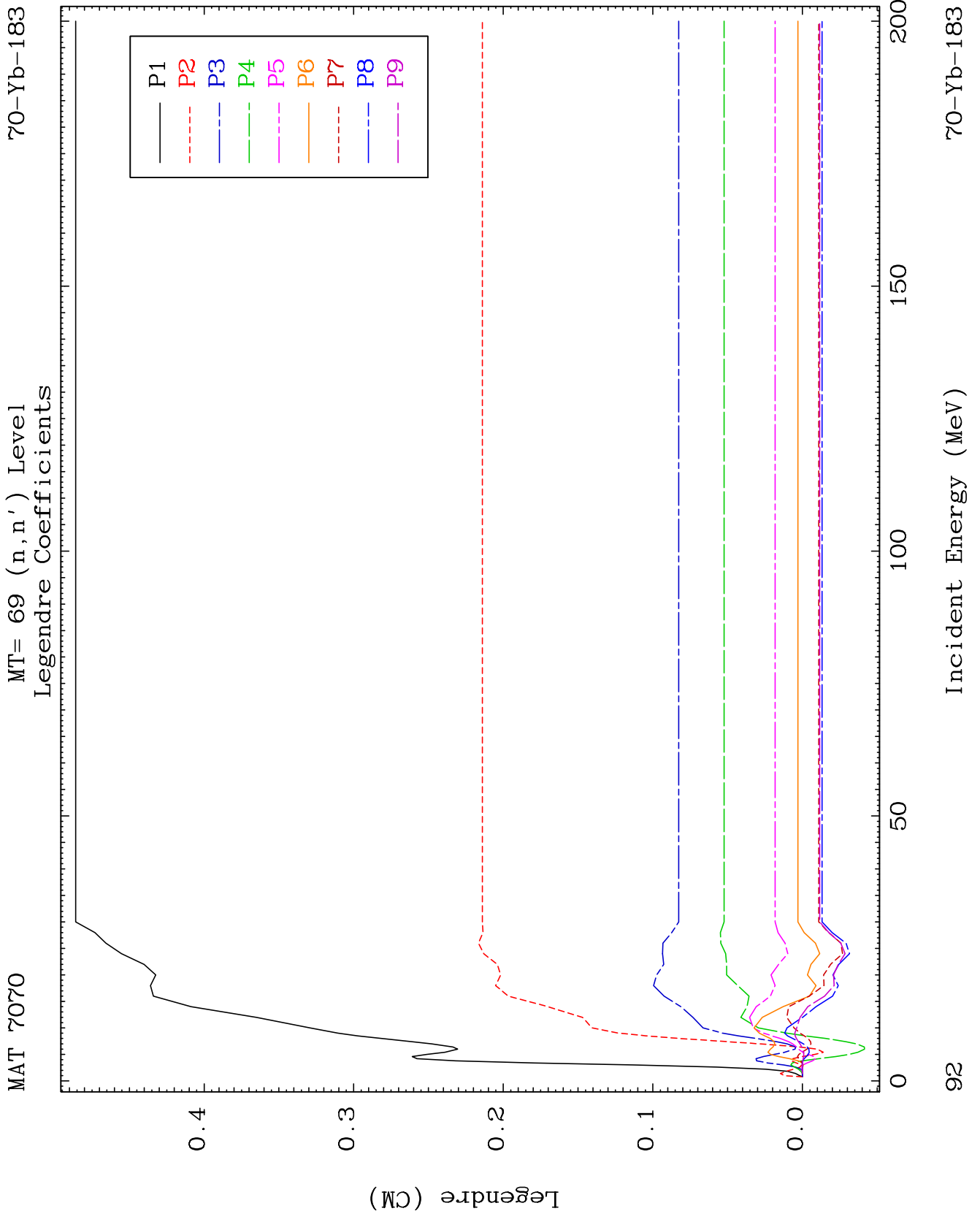


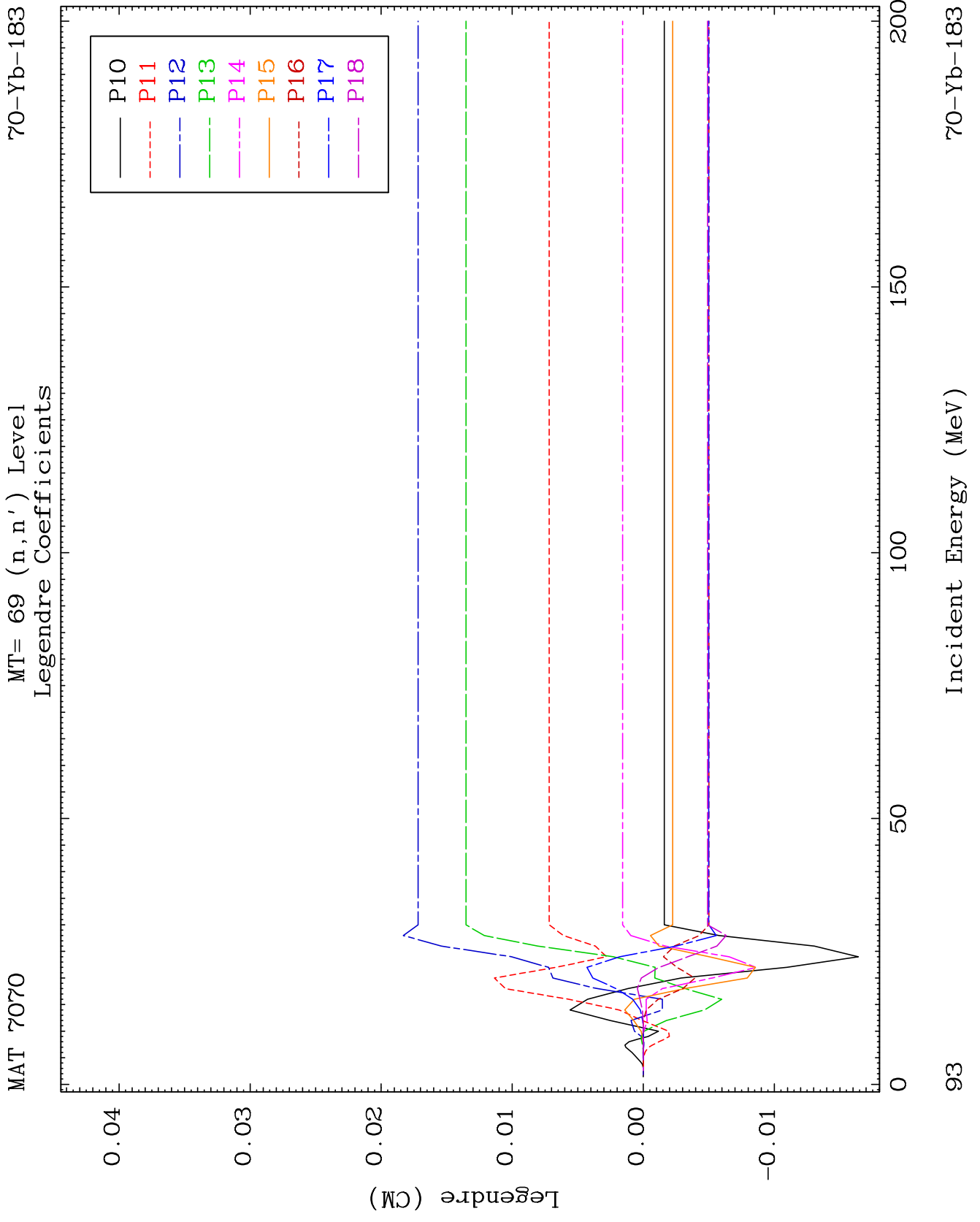
89

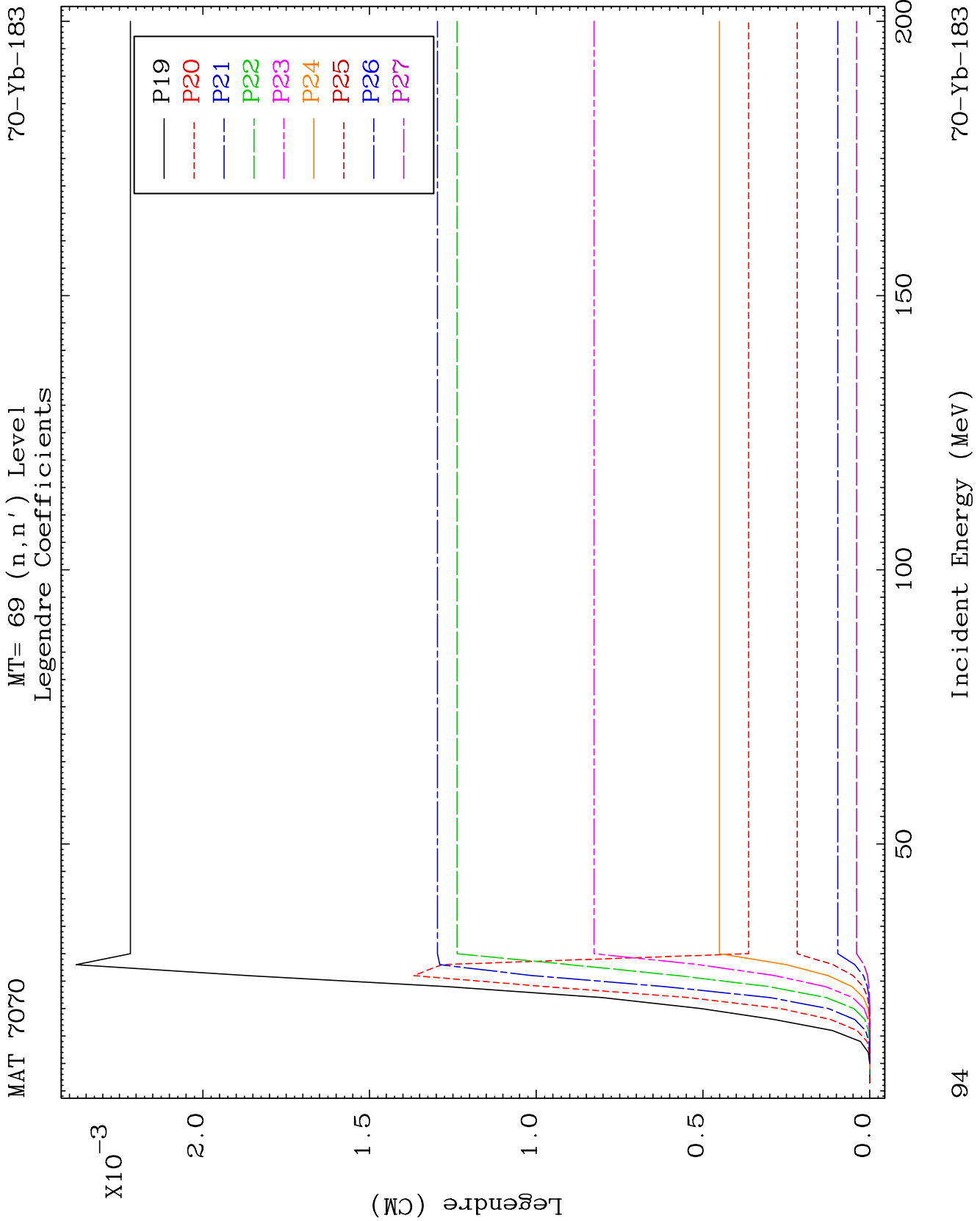
Incident Energy (MeV)

70-Yb-183





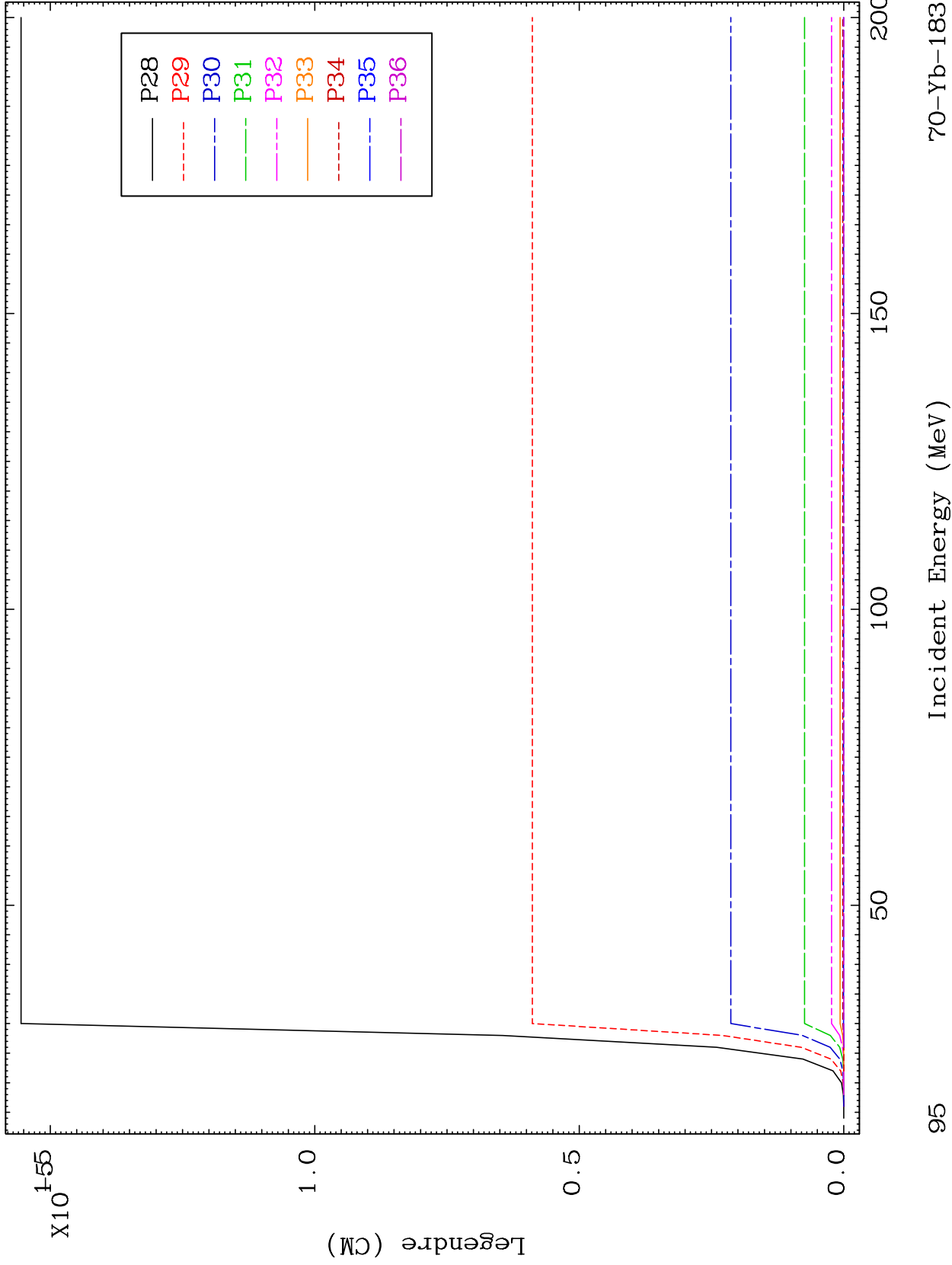




MAT 7070

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

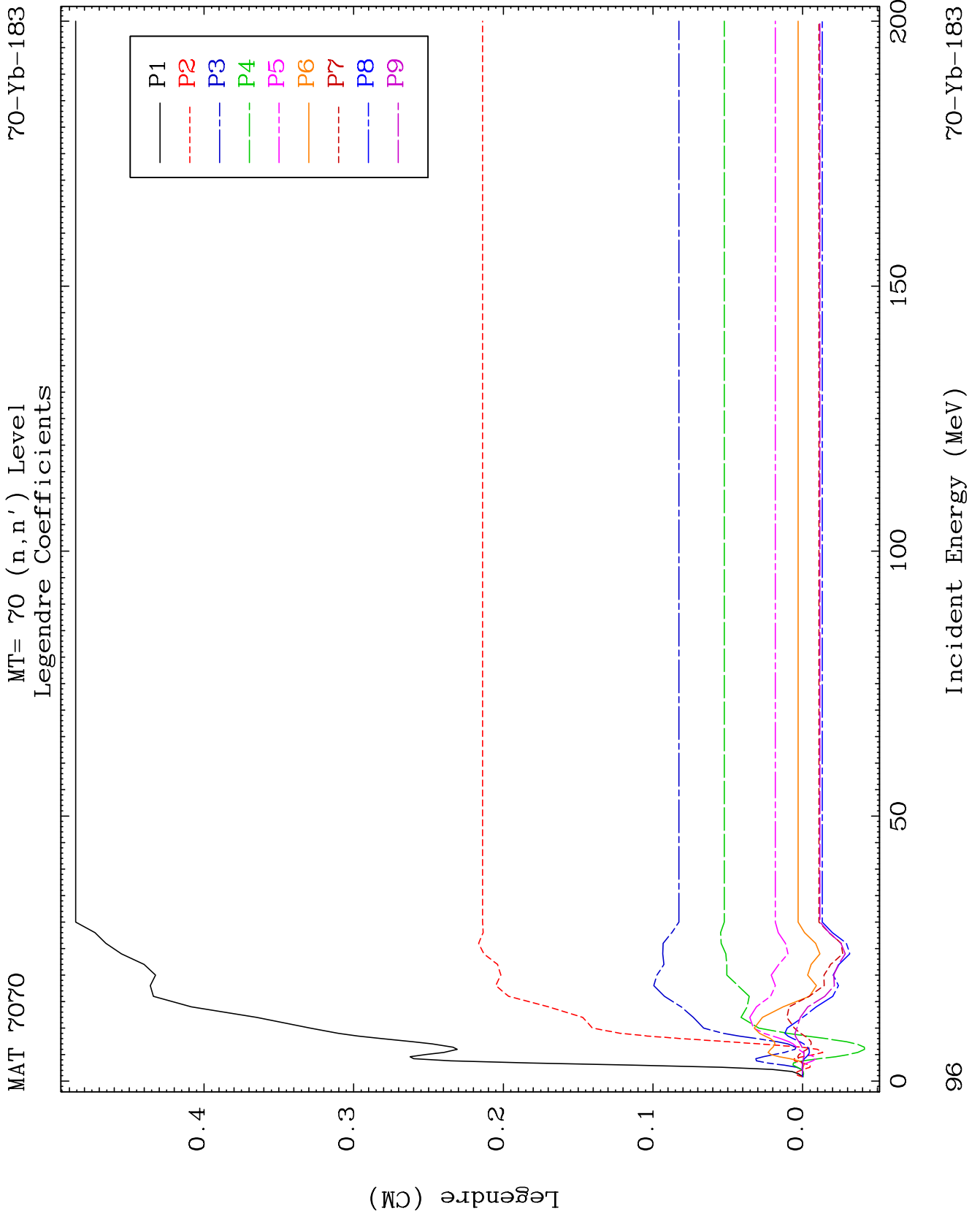
70-Yb-183

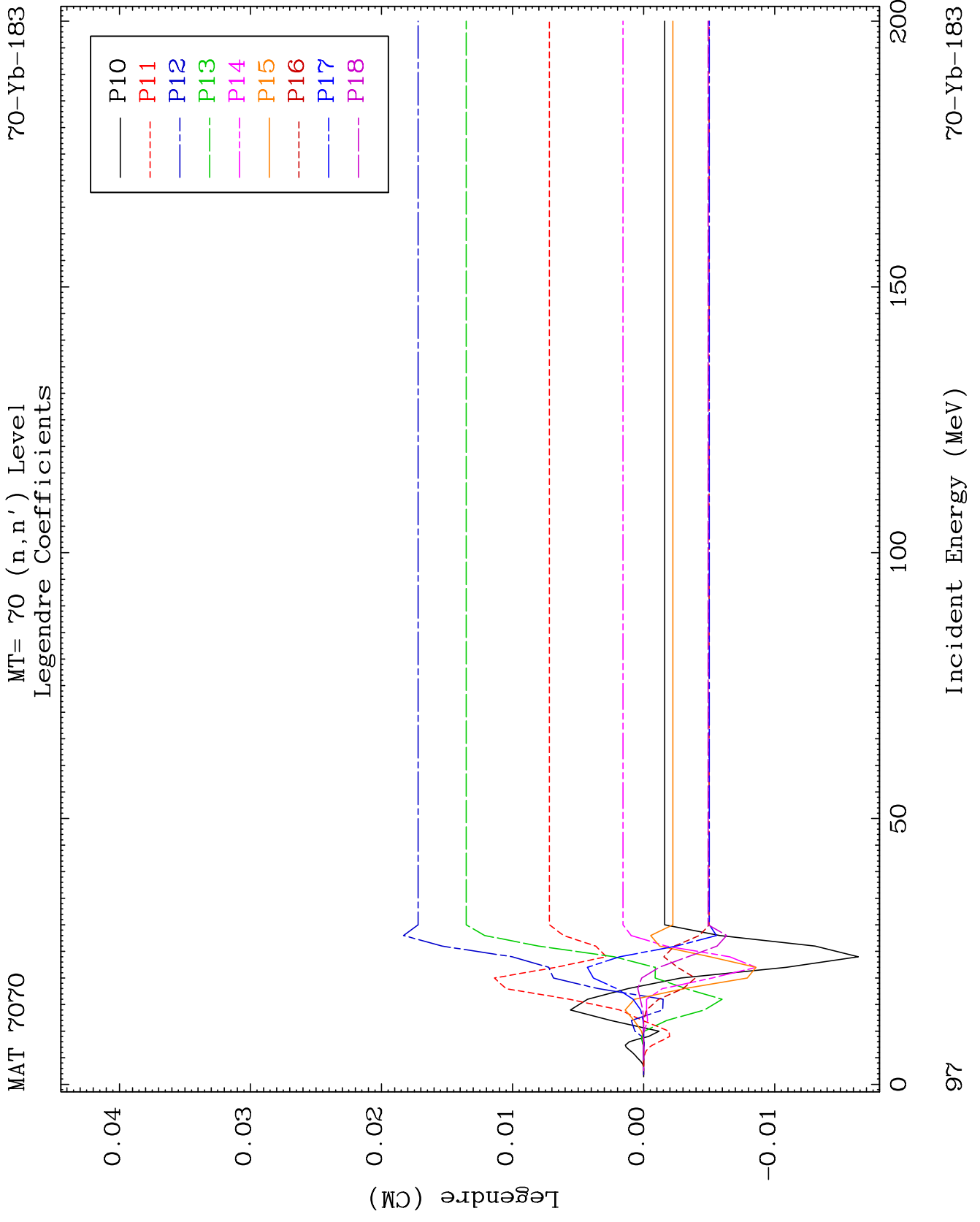


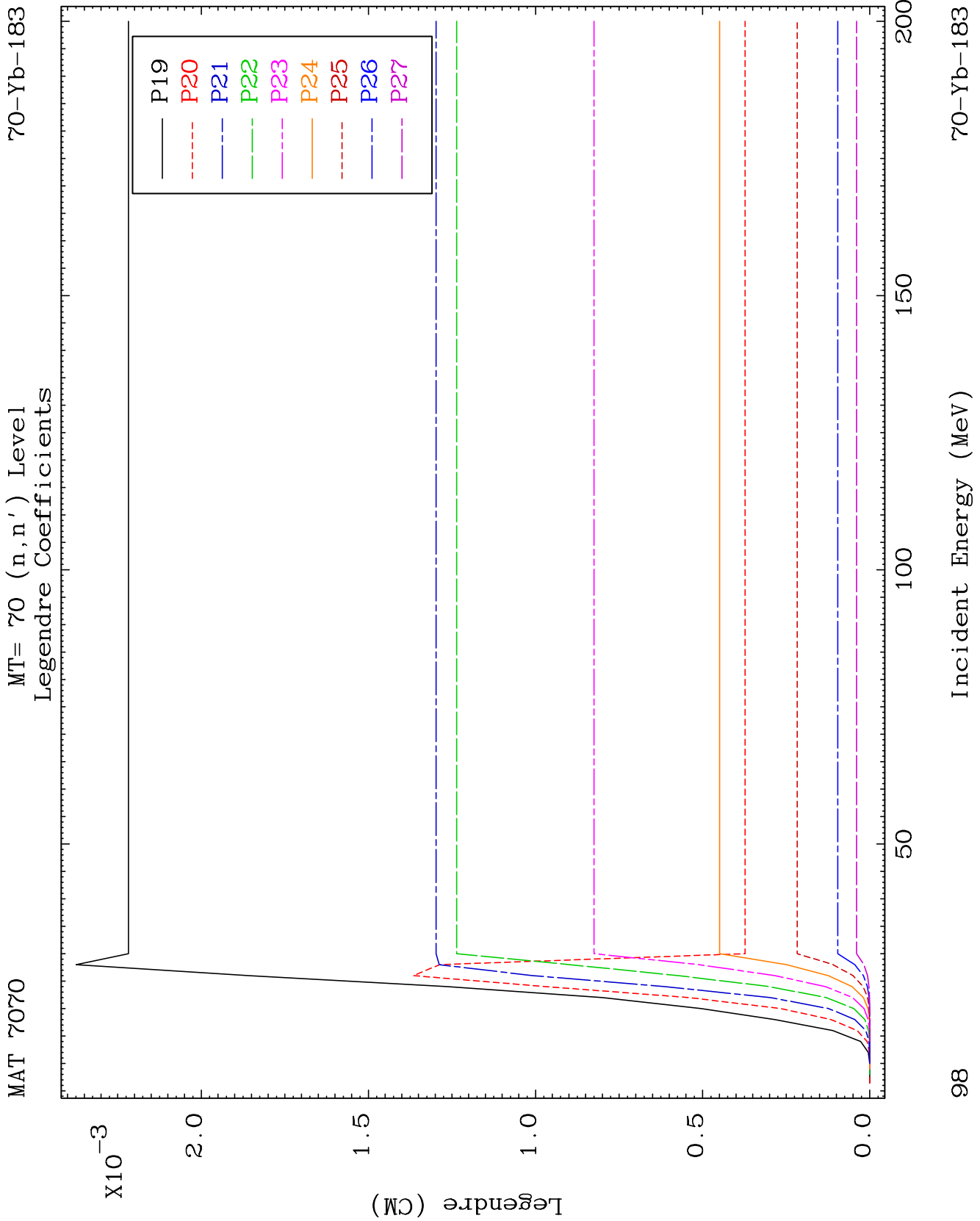
95

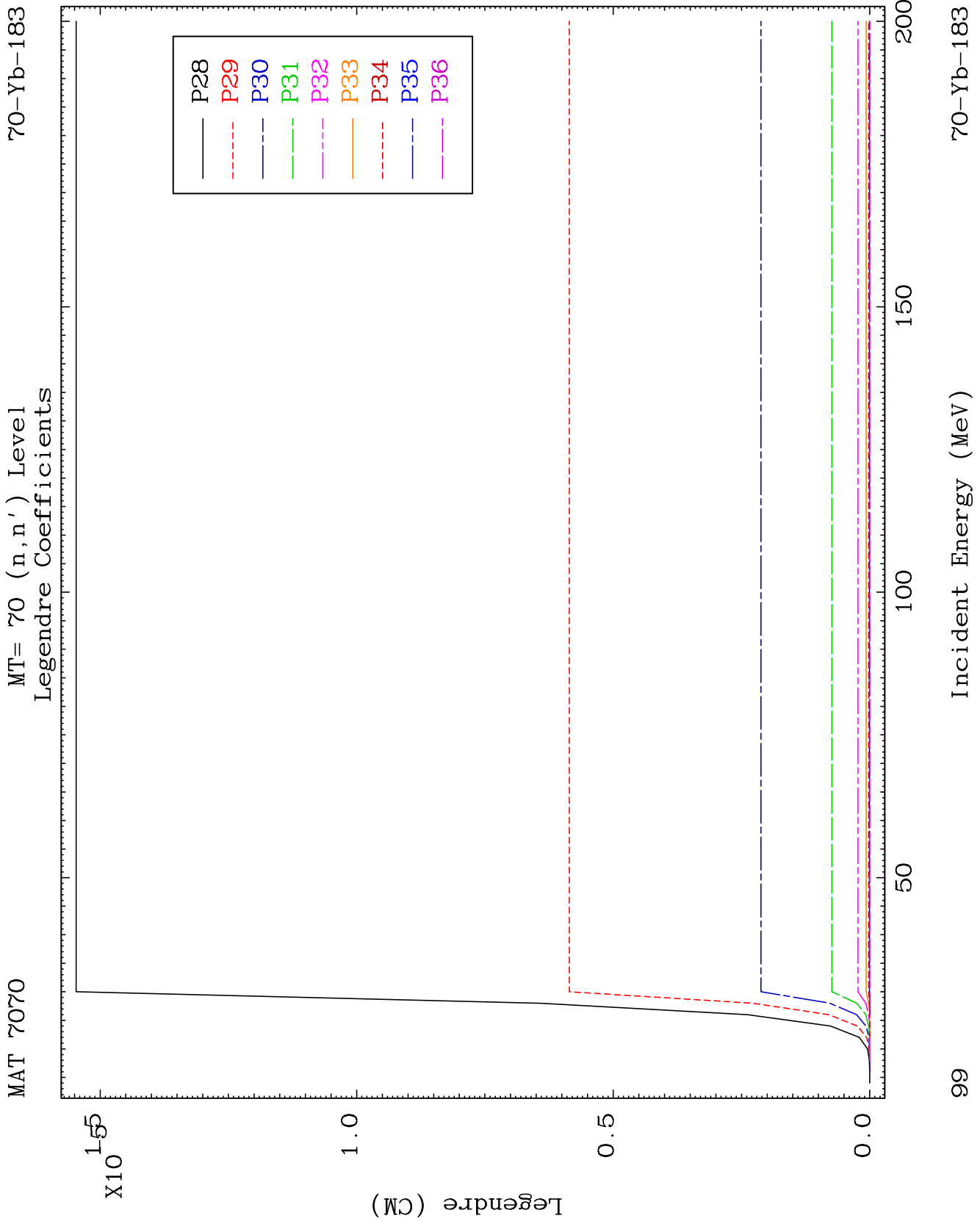
Incident Energy (MeV)

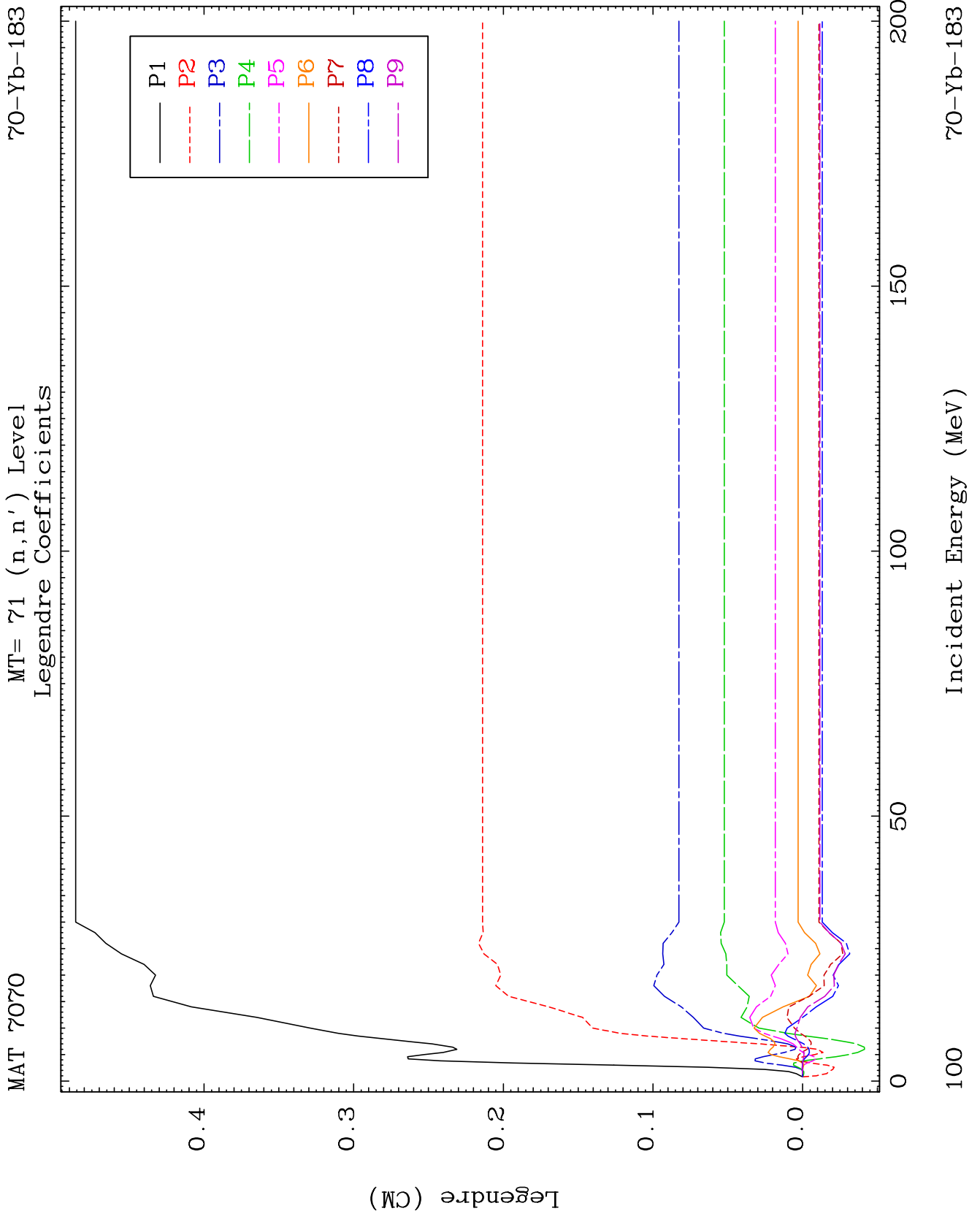
70-Yb-183

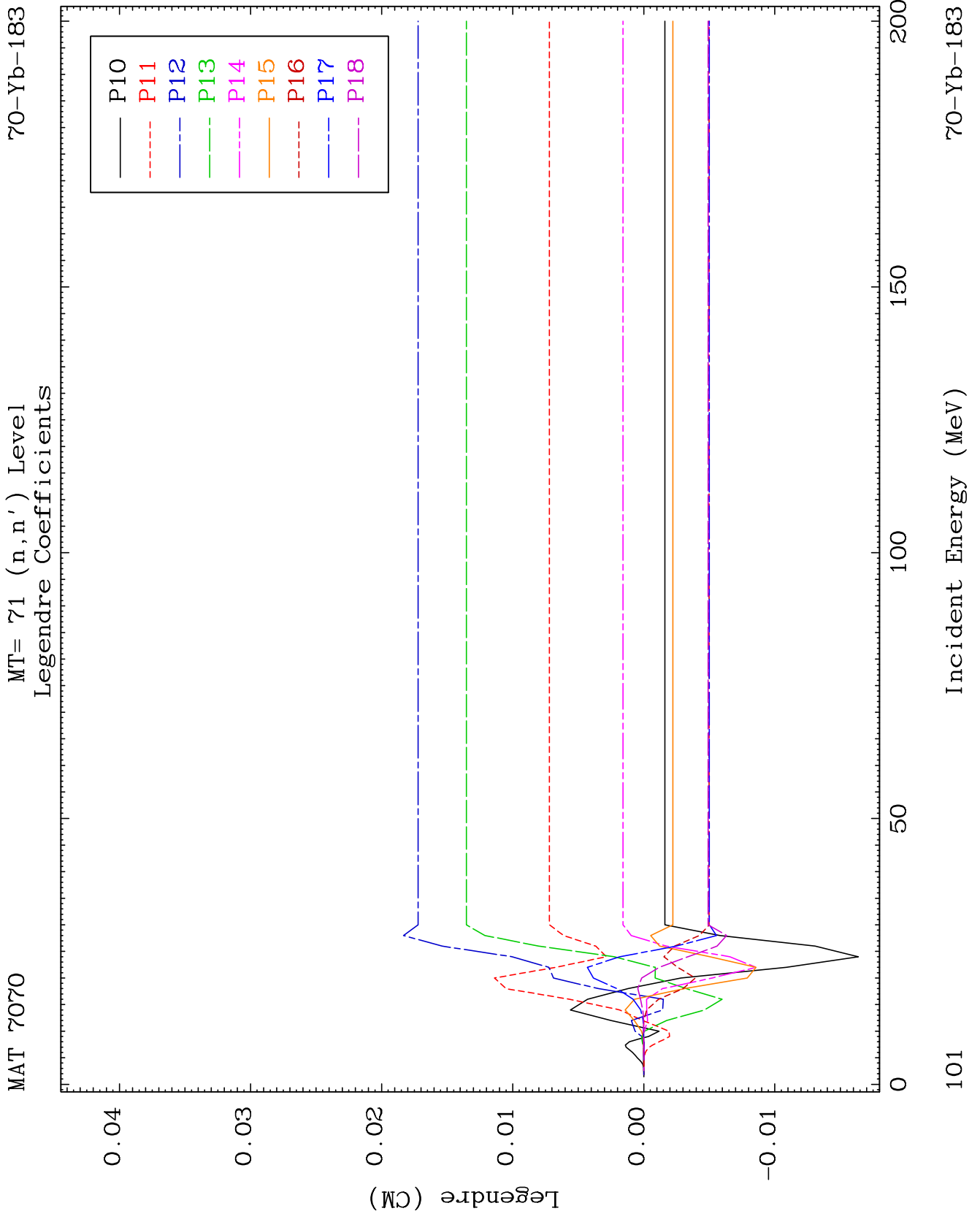


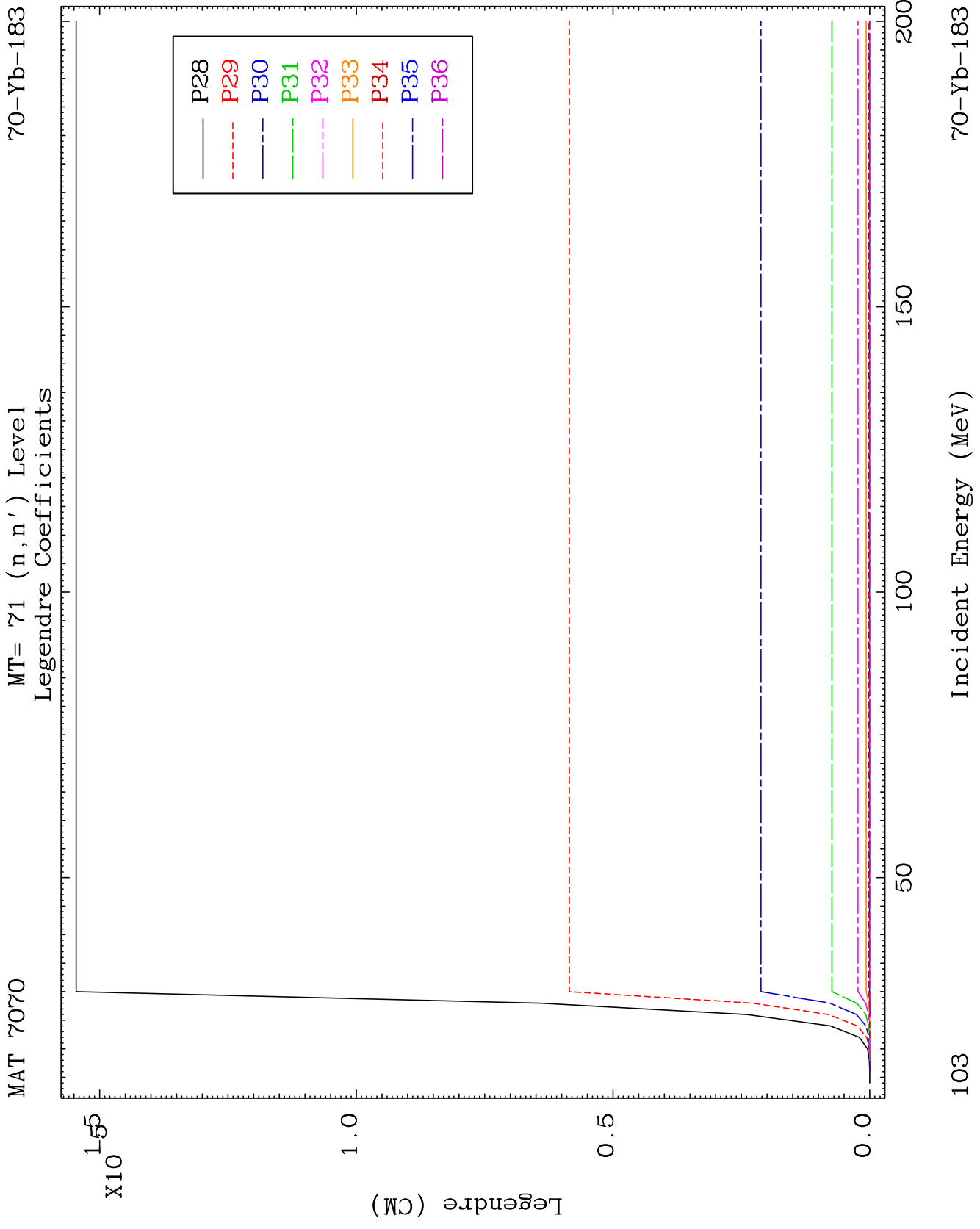








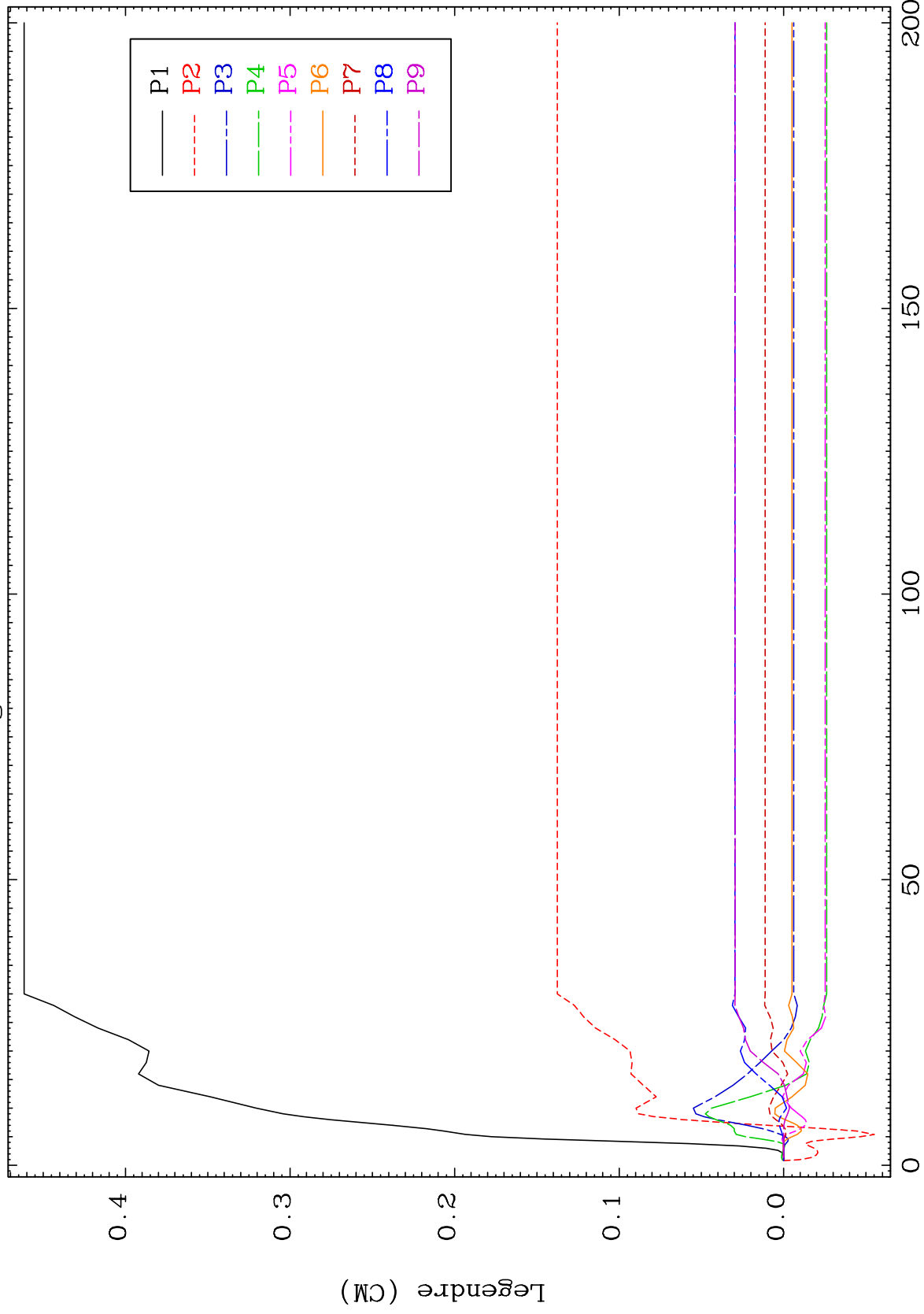




MAT 7070

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

70-Yb-183



104

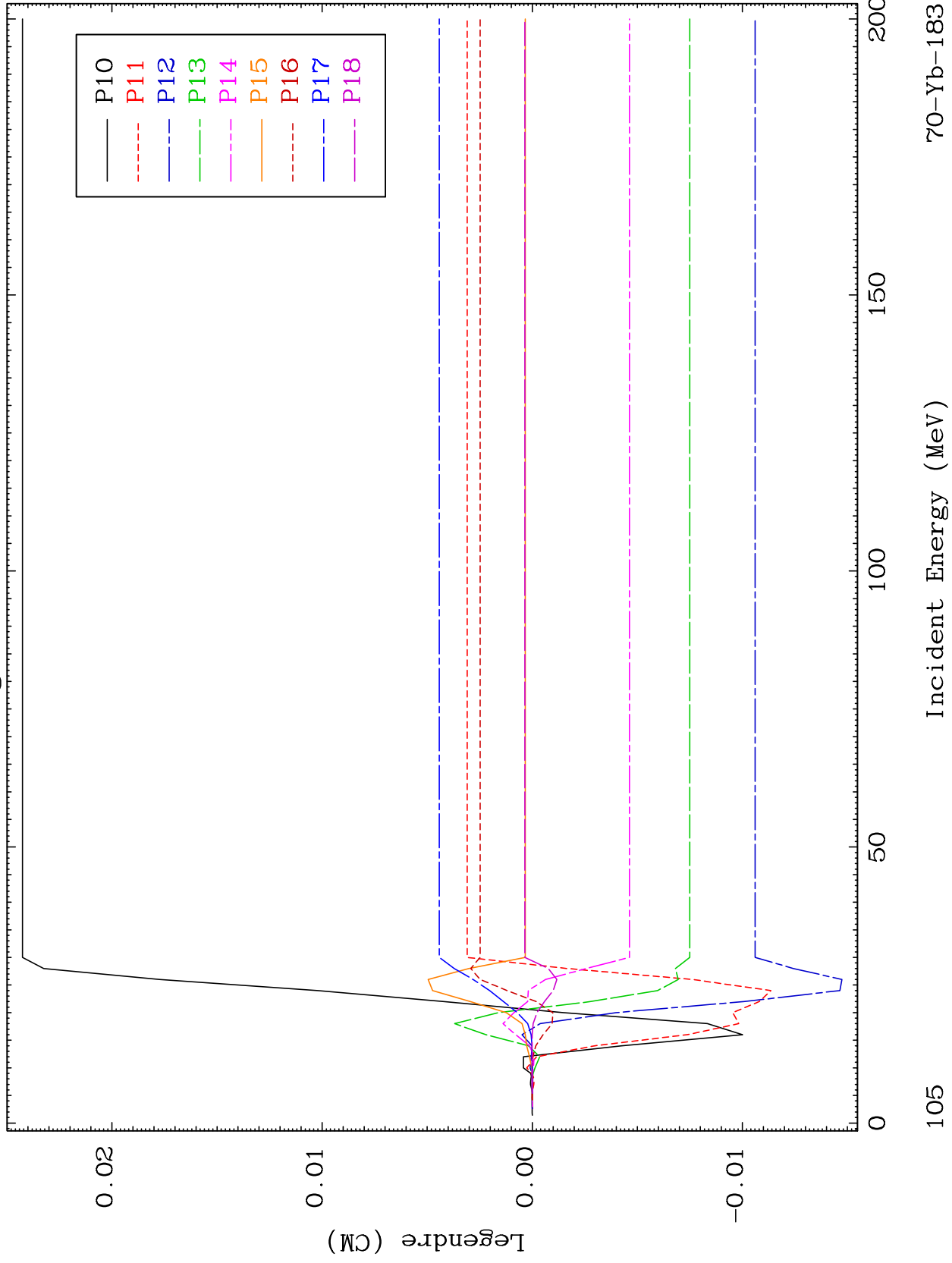
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



70-Yb-183

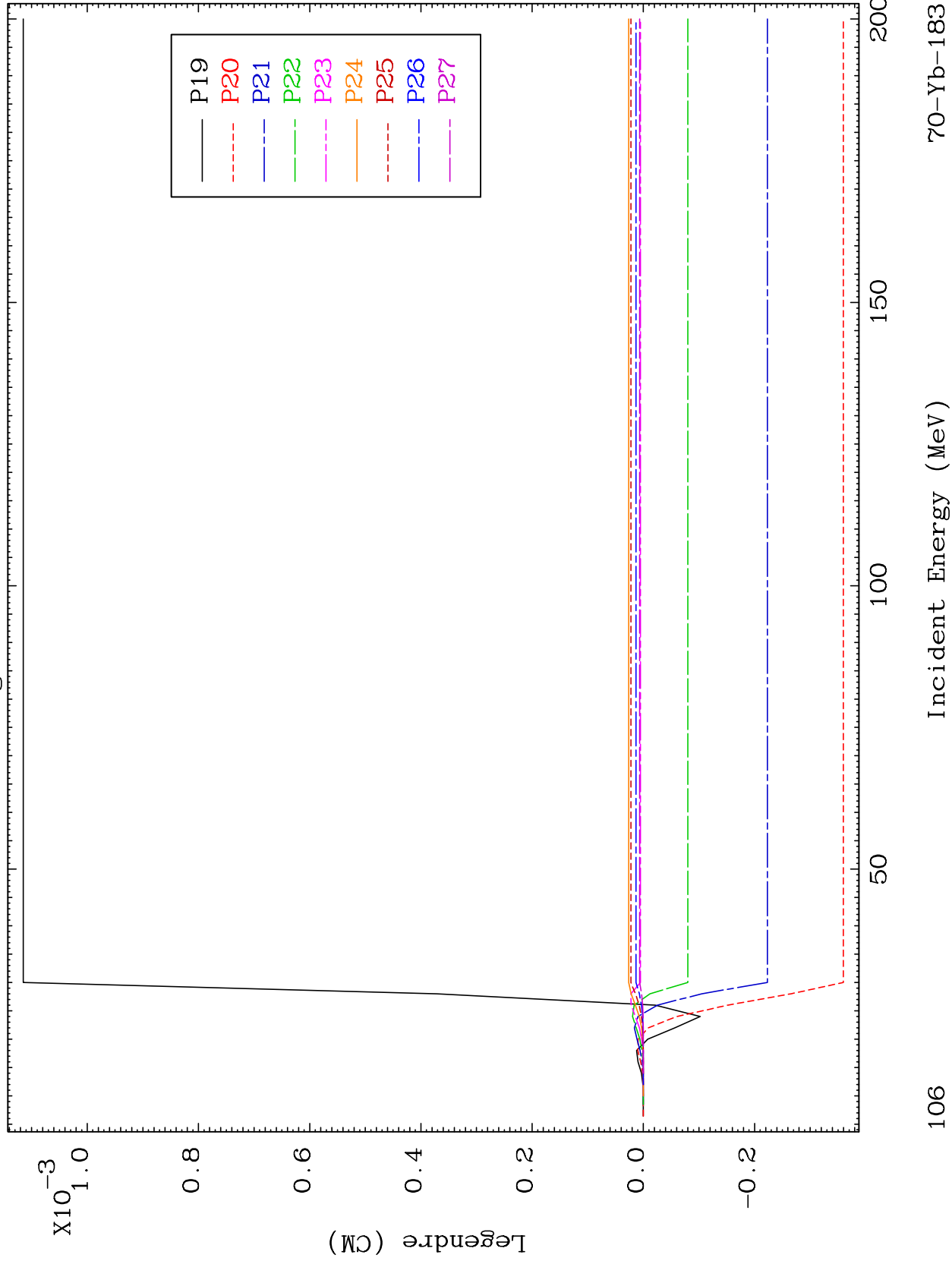
Incident Energy (MeV)

0

MAT 7070

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

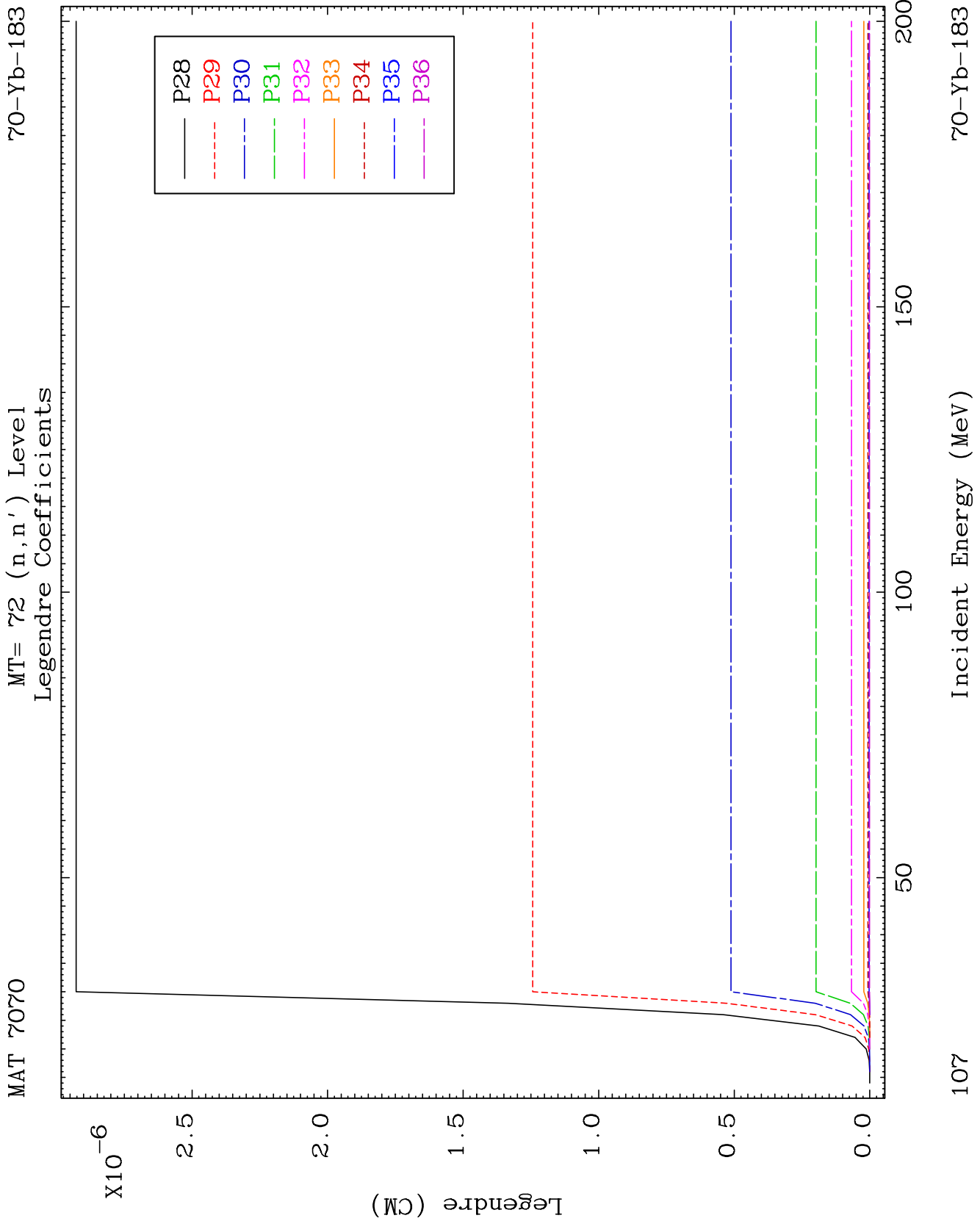
70-Yb-183



106

Incident Energy (MeV)

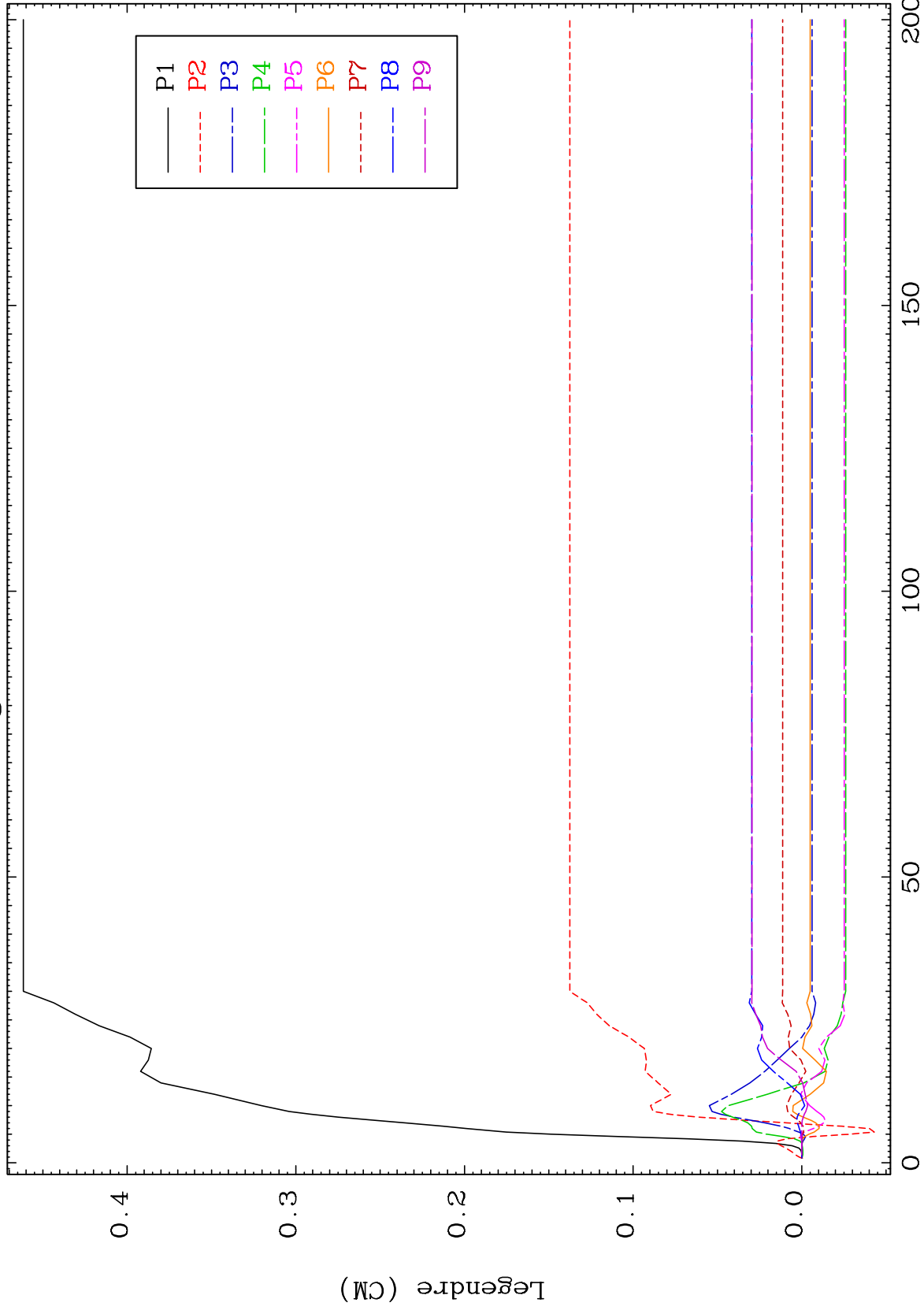
70-Yb-183



MAT 7070

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

70-Yb-183



108

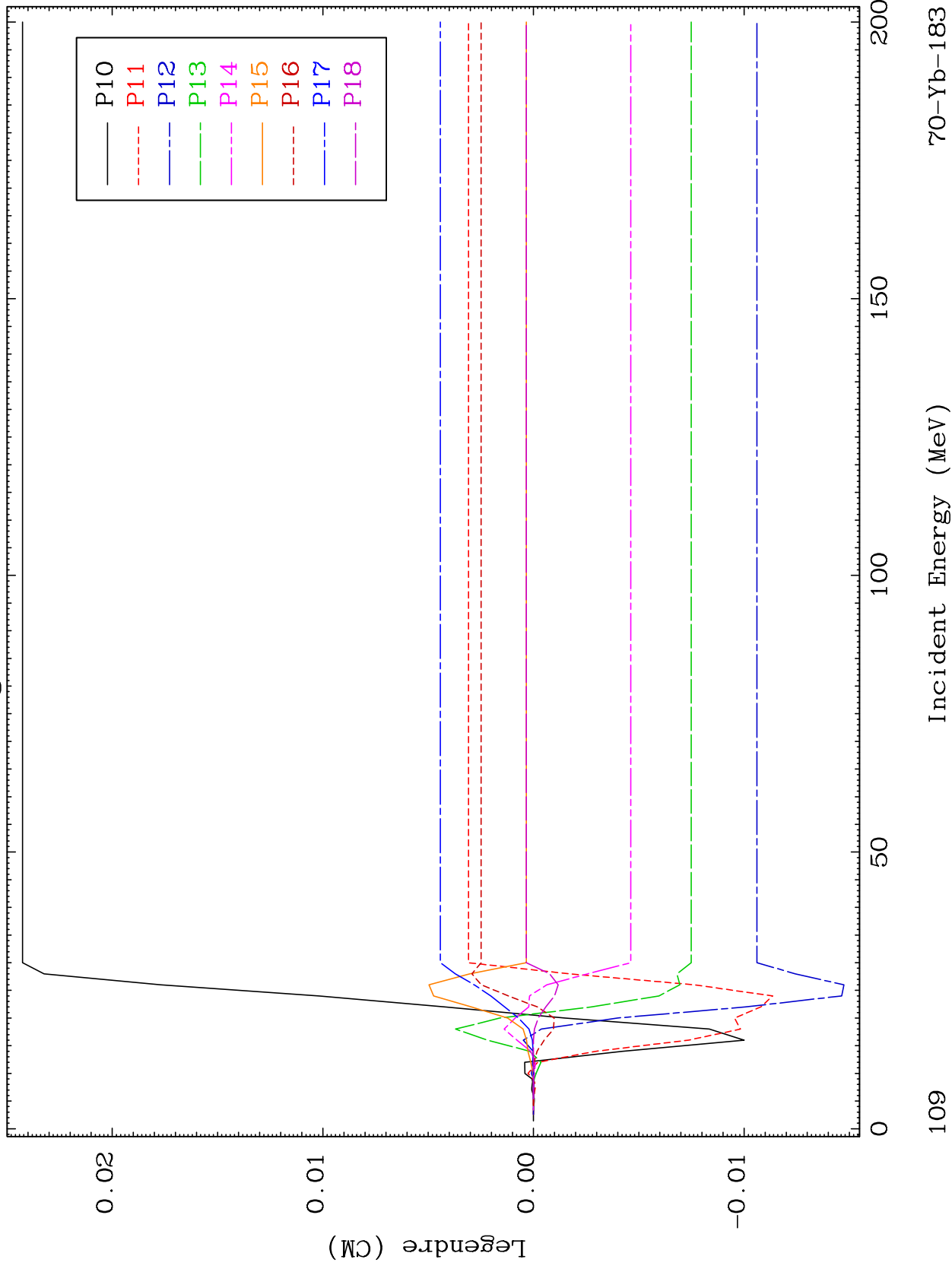
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

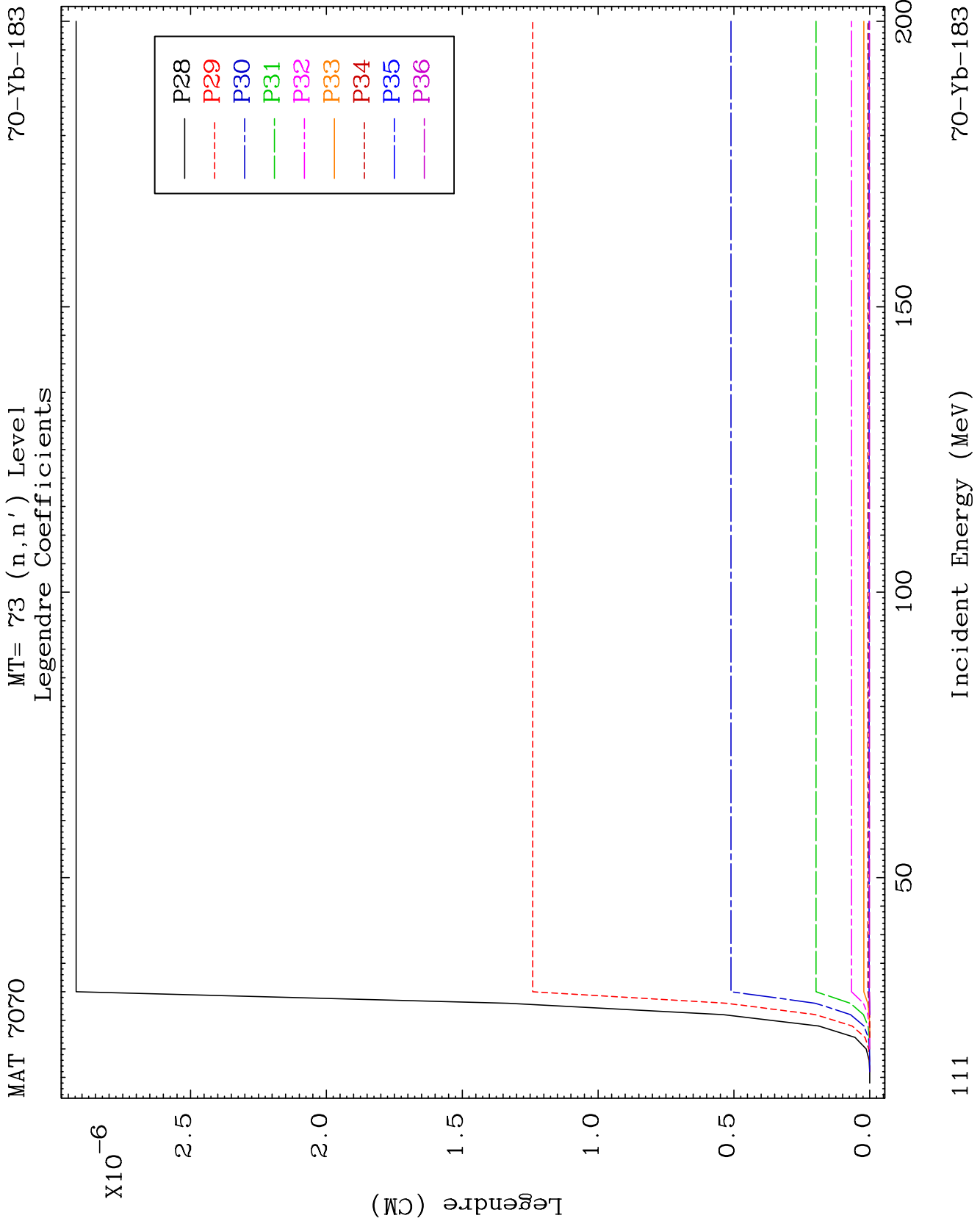
70-Yb-183



70-Yb-183

Incident Energy (MeV)

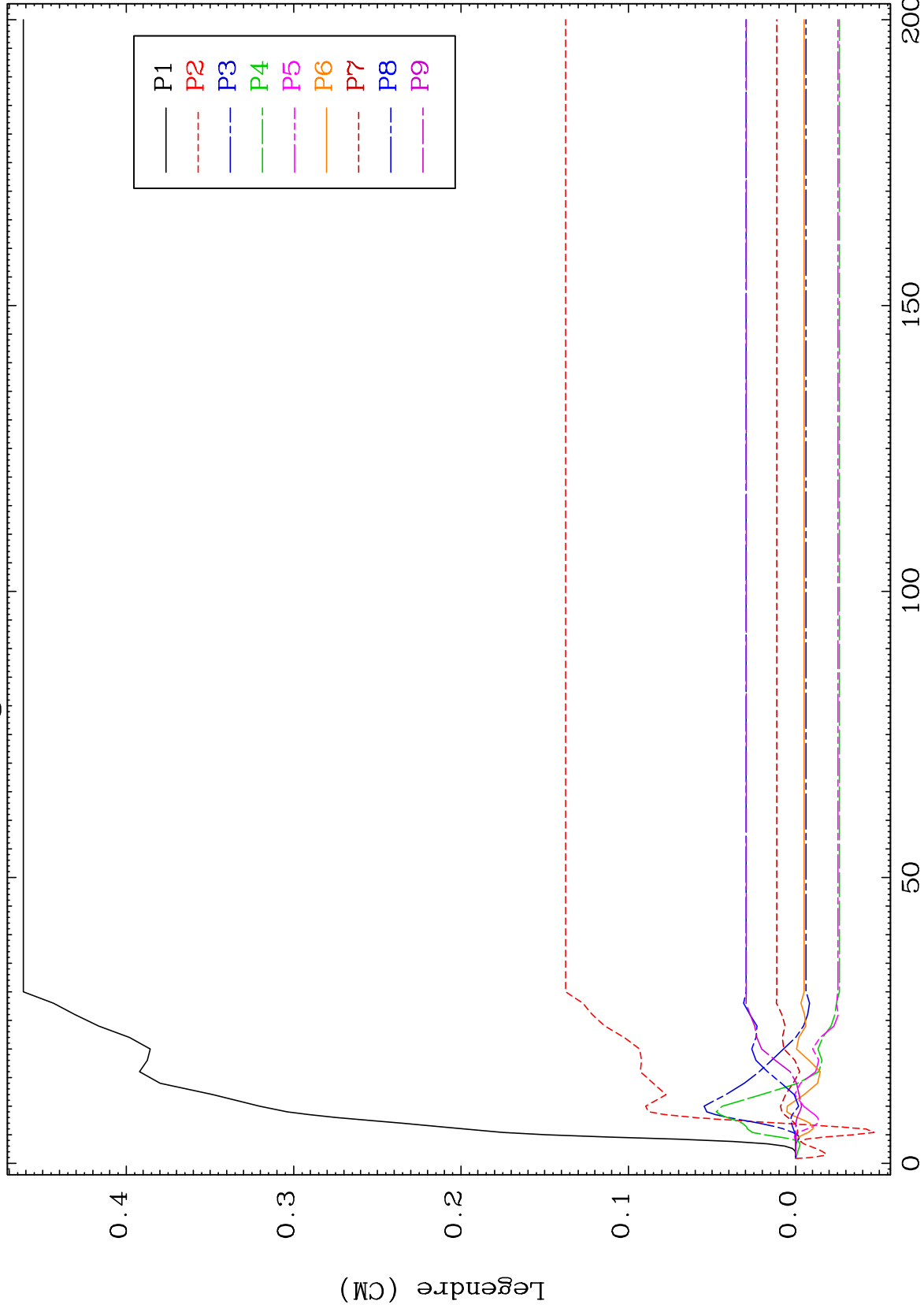
109



MAT 7070

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

70-Yb-183



112

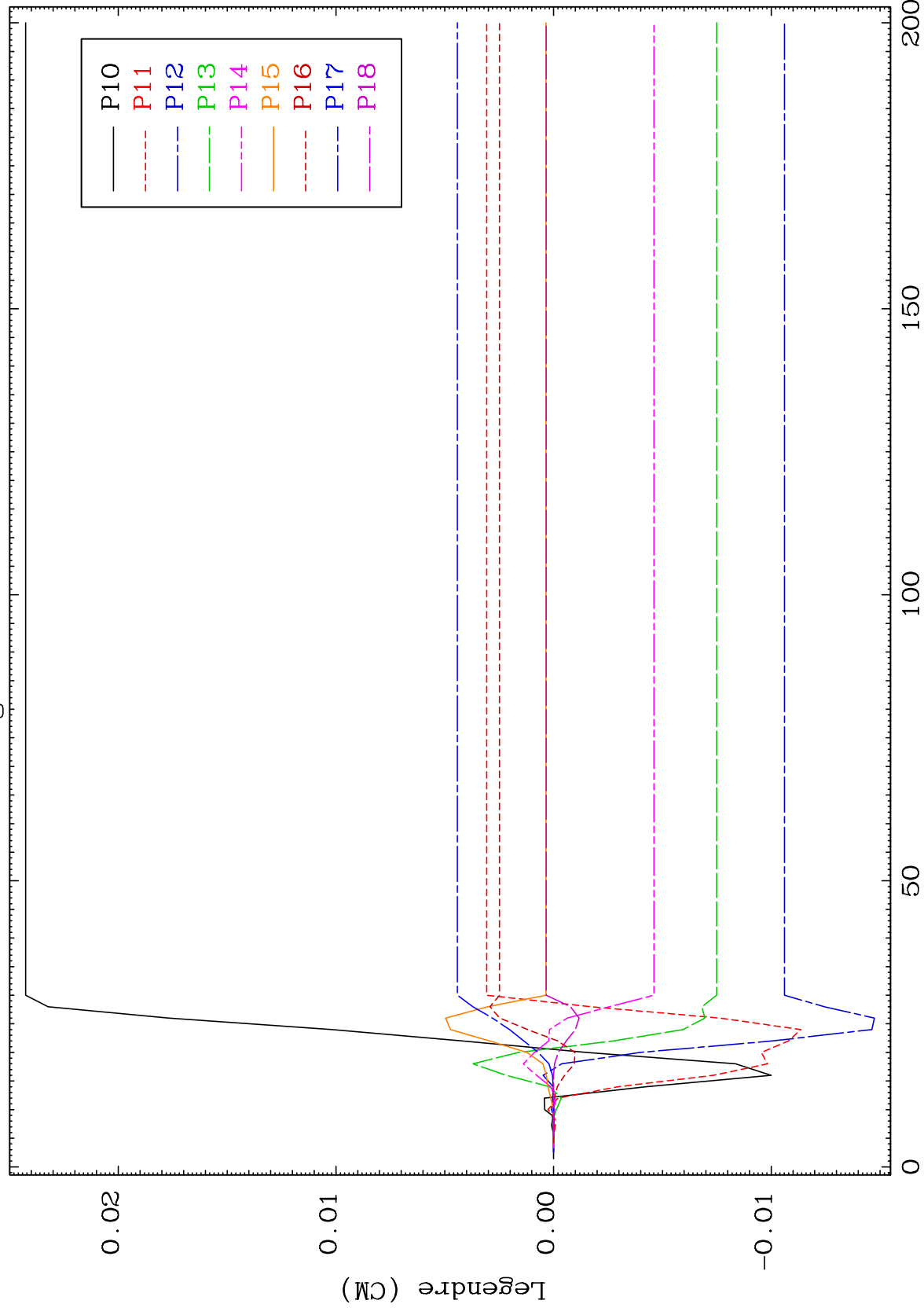
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



113

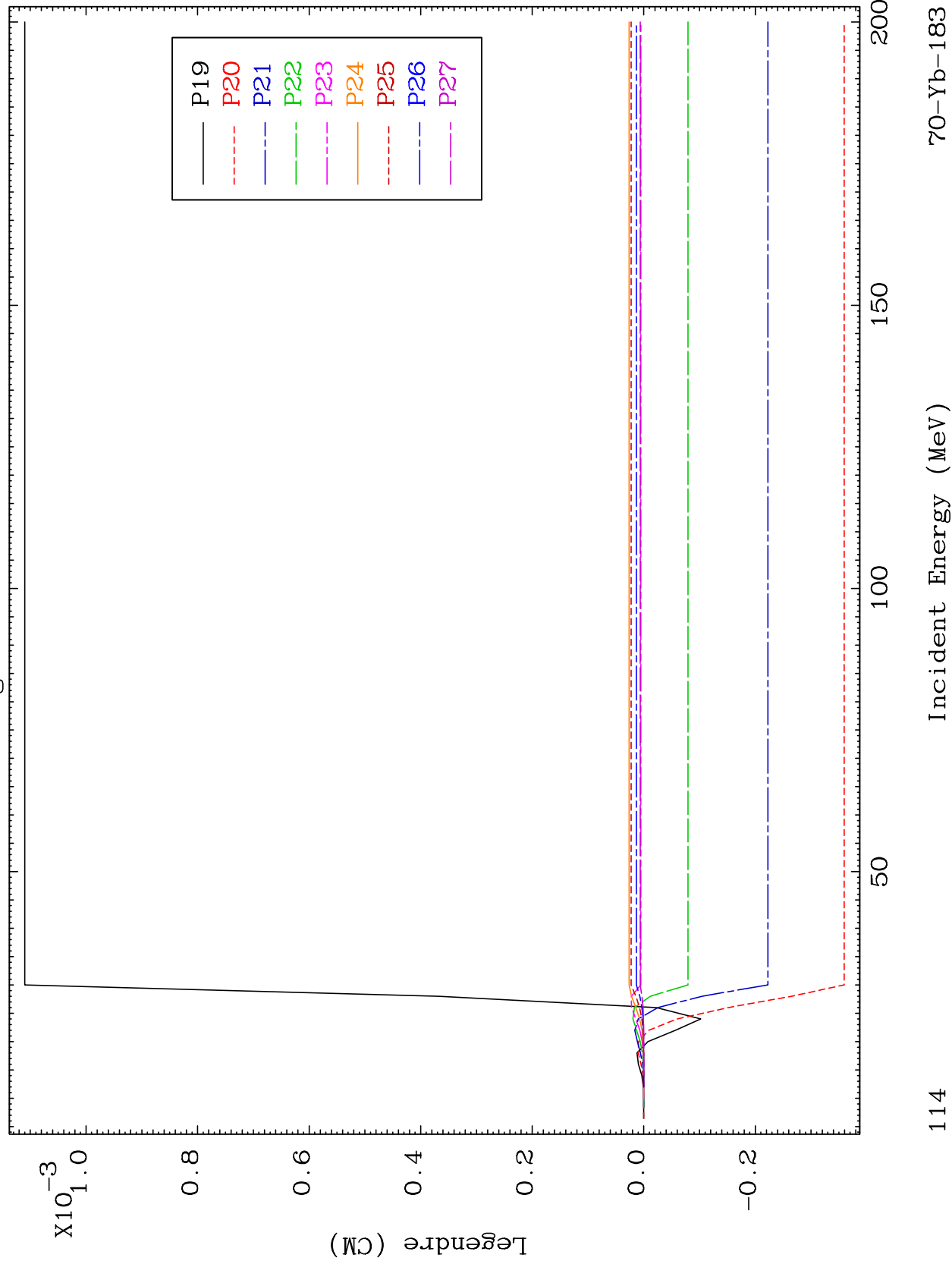
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



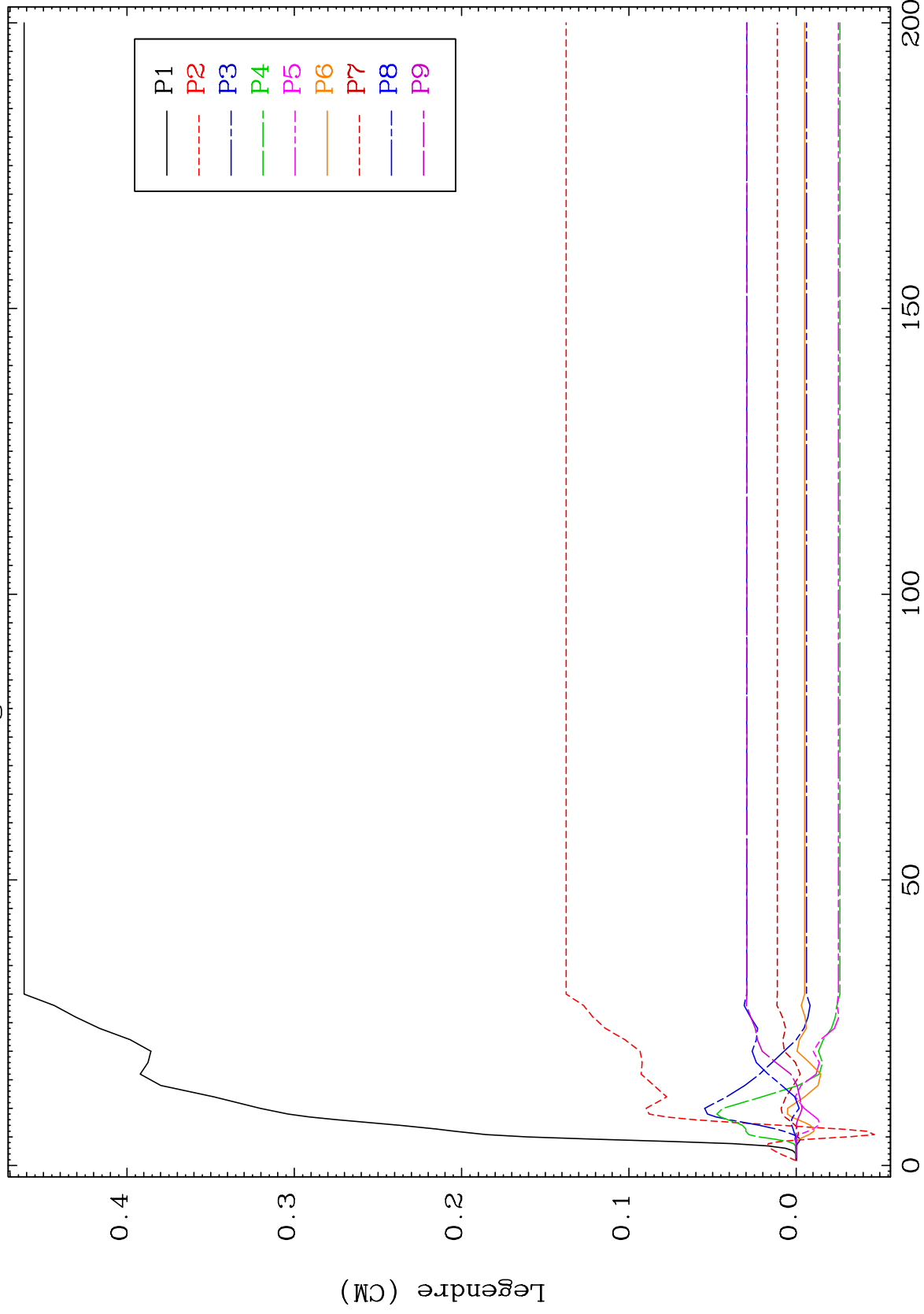
114

70-Yb-183

MAT 7070

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

70-Yb-183



116

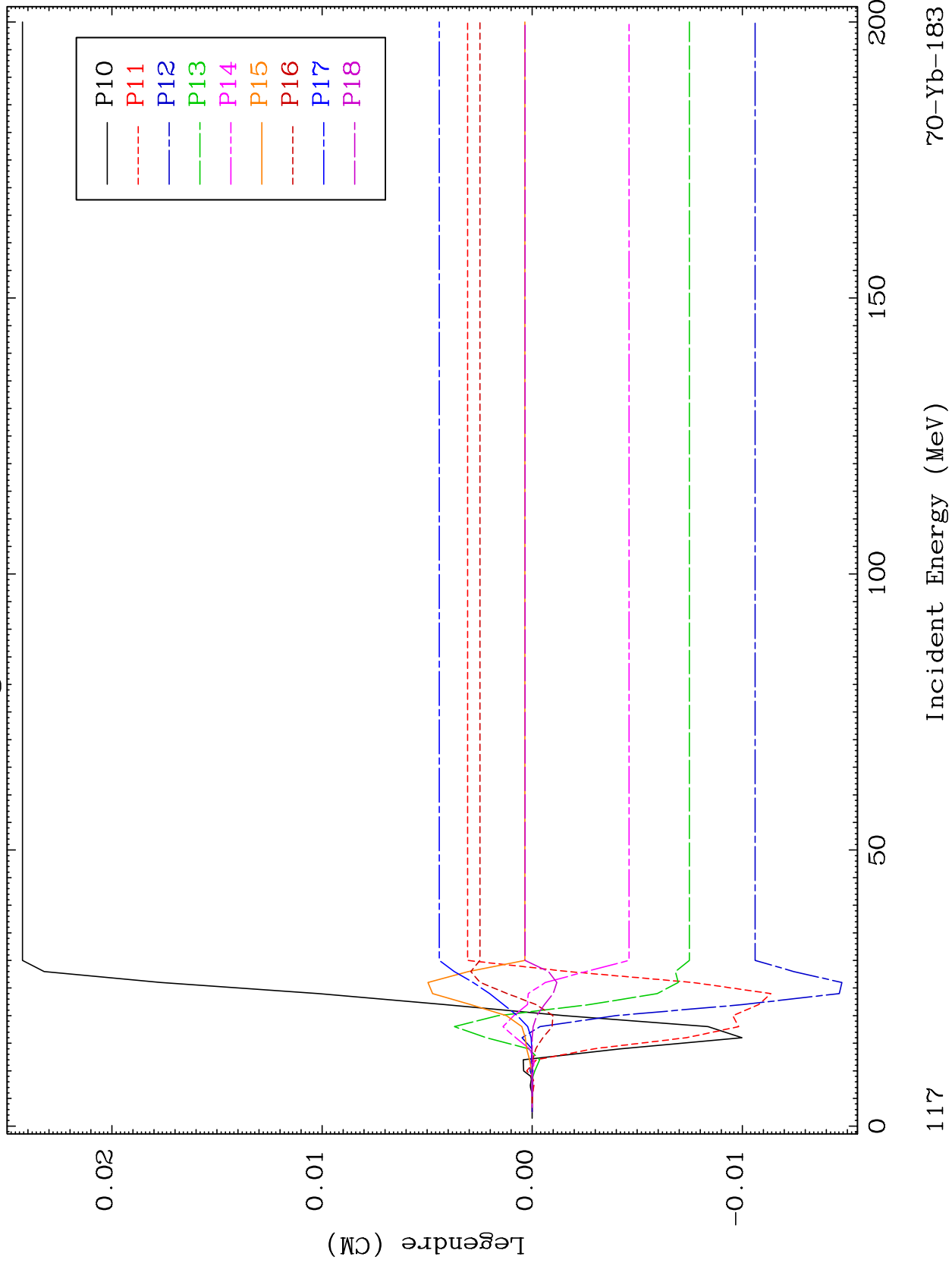
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



117

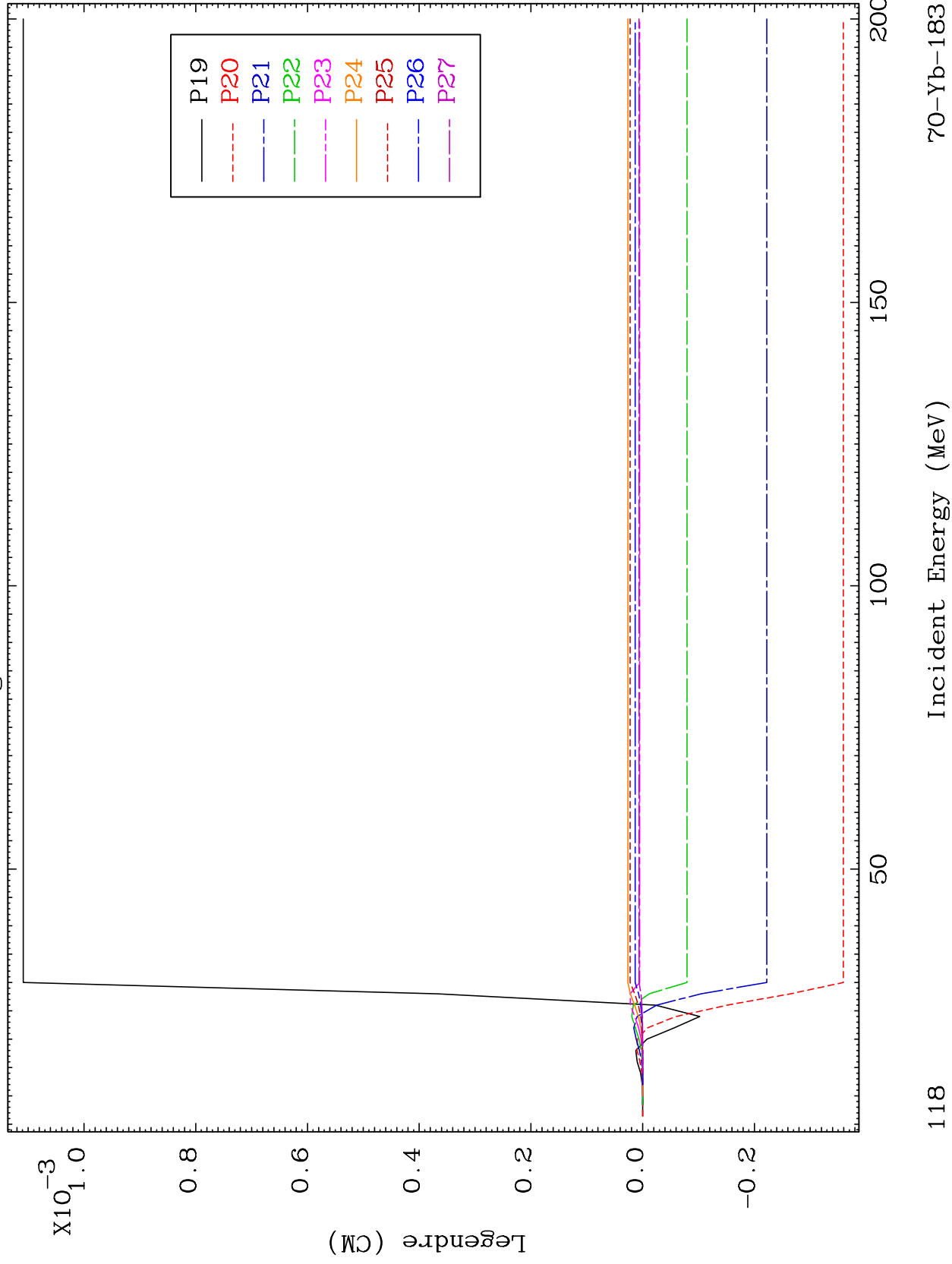
Incident Energy (MeV)

70-Yb-183

MAT 7070

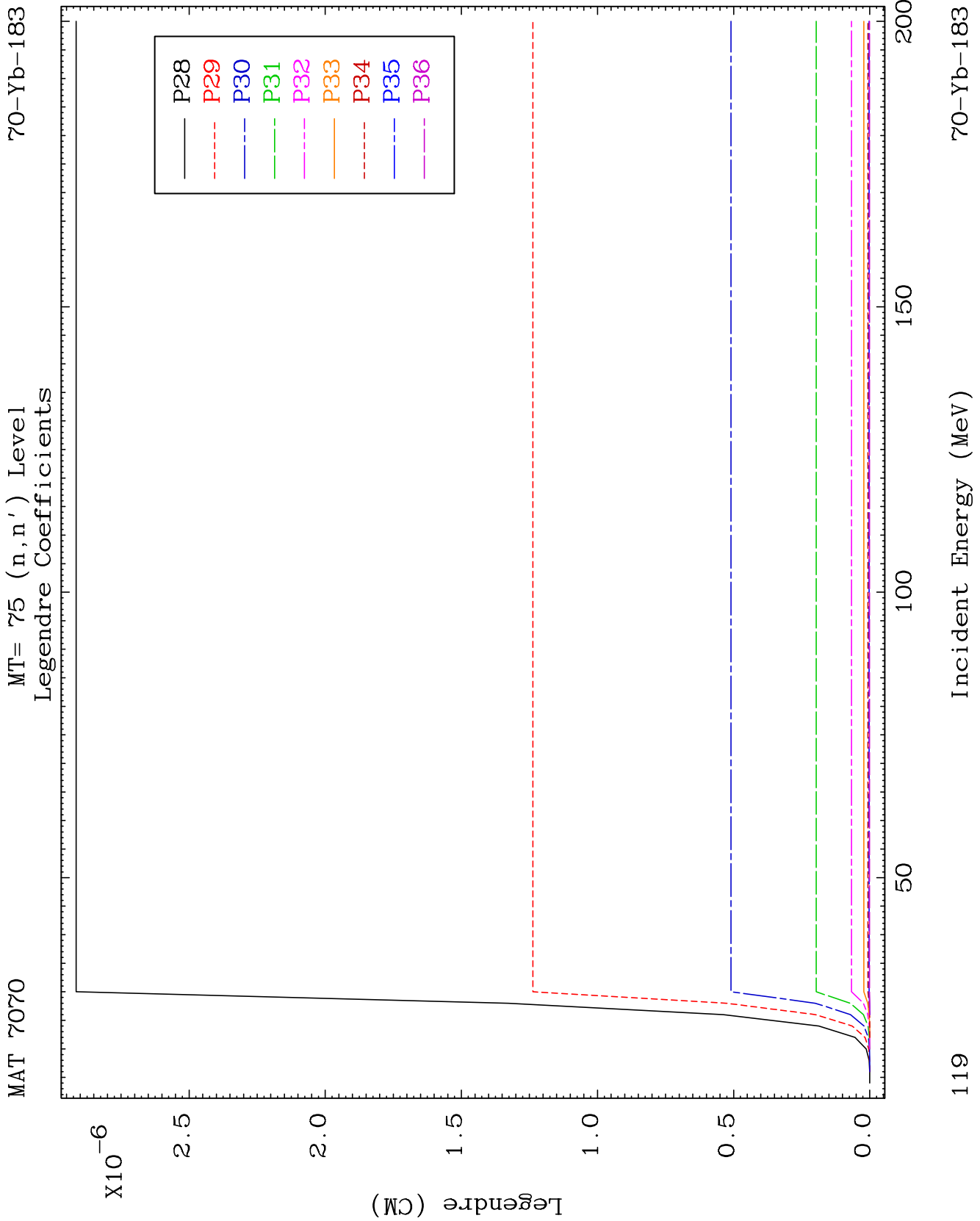
MT= 75 (n,n') Level
Legendre Coefficients

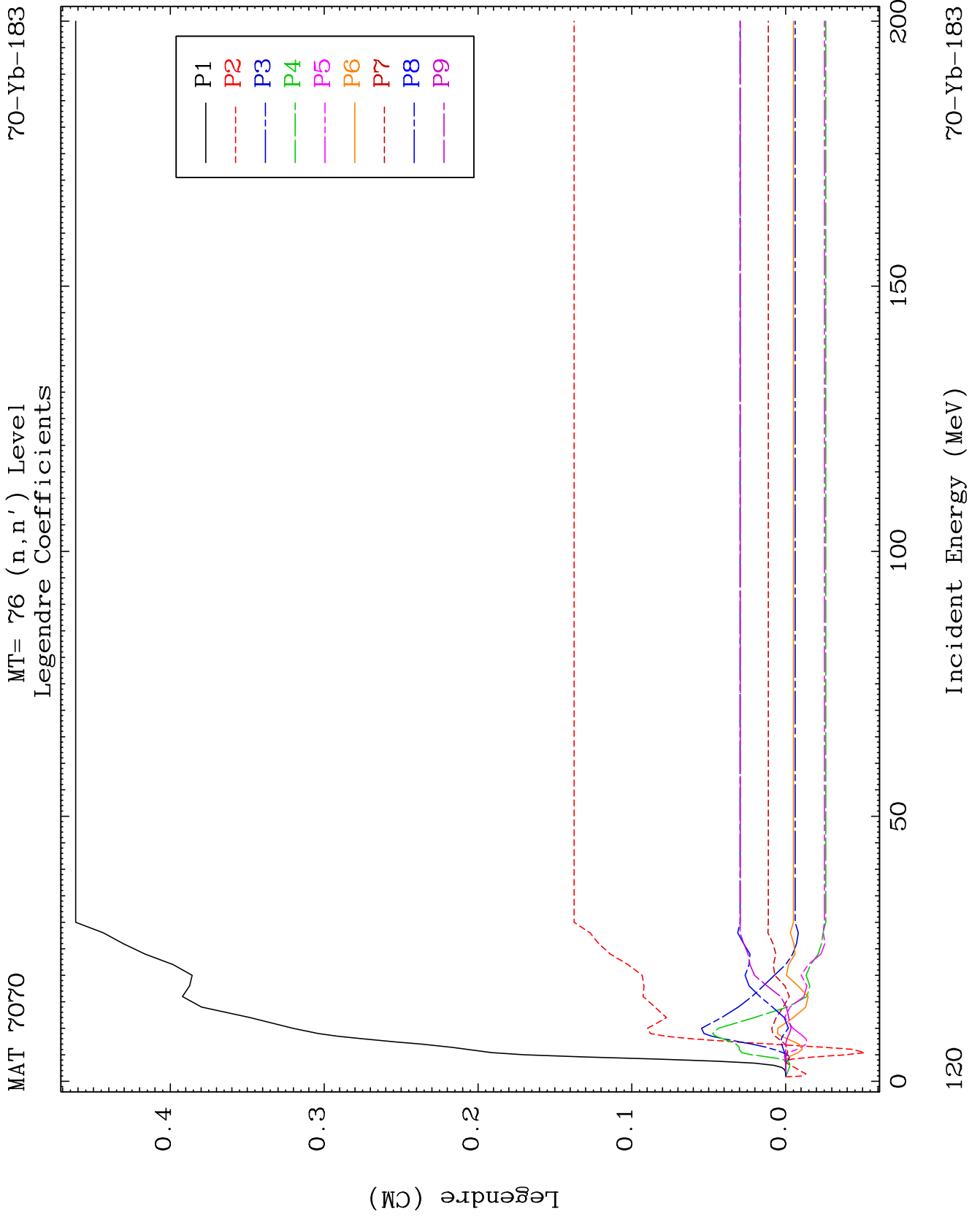
70-Yb-183



118

70-Yb-183

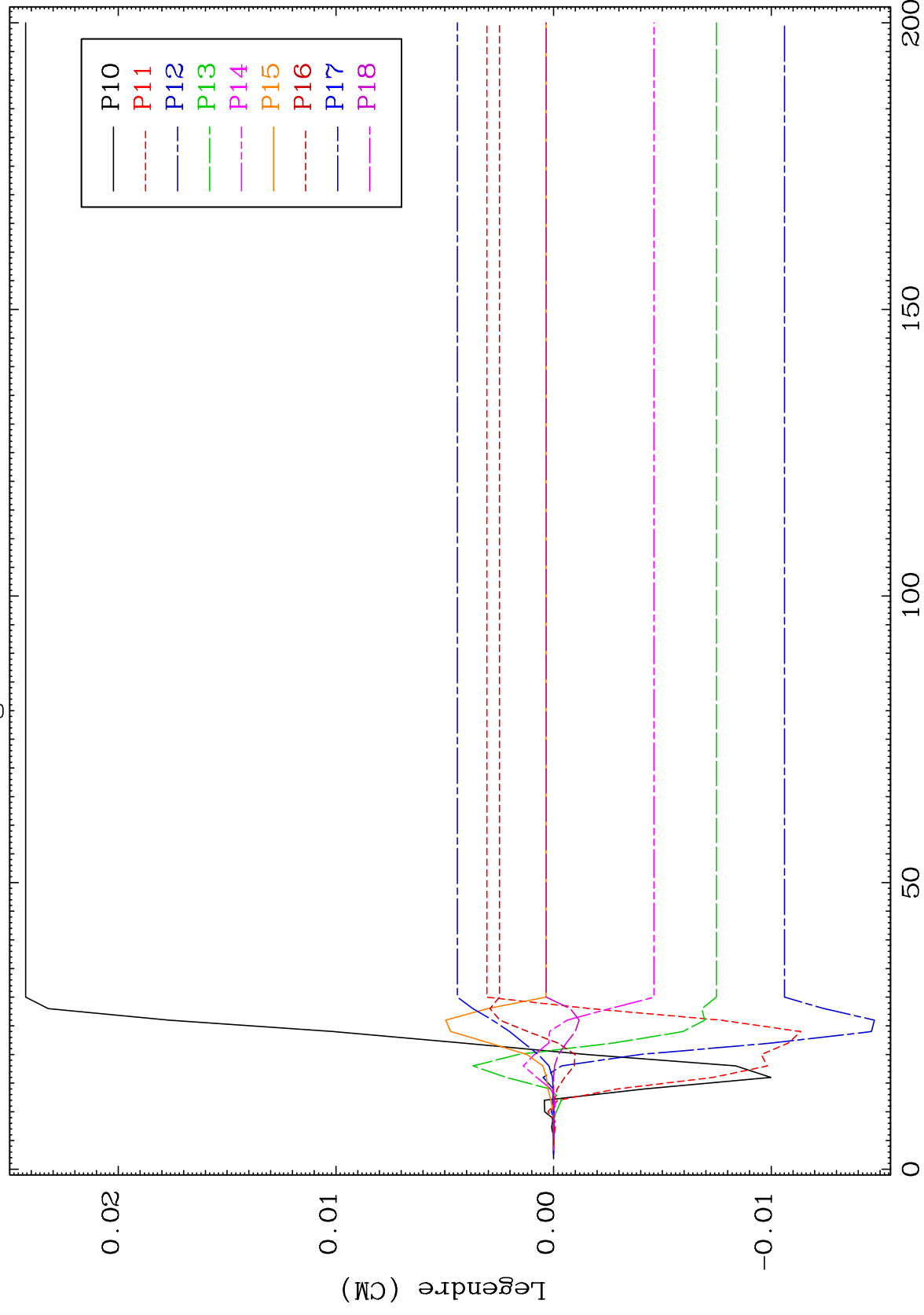




MAT 7070

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

70-Yb-183



Incident Energy (MeV)

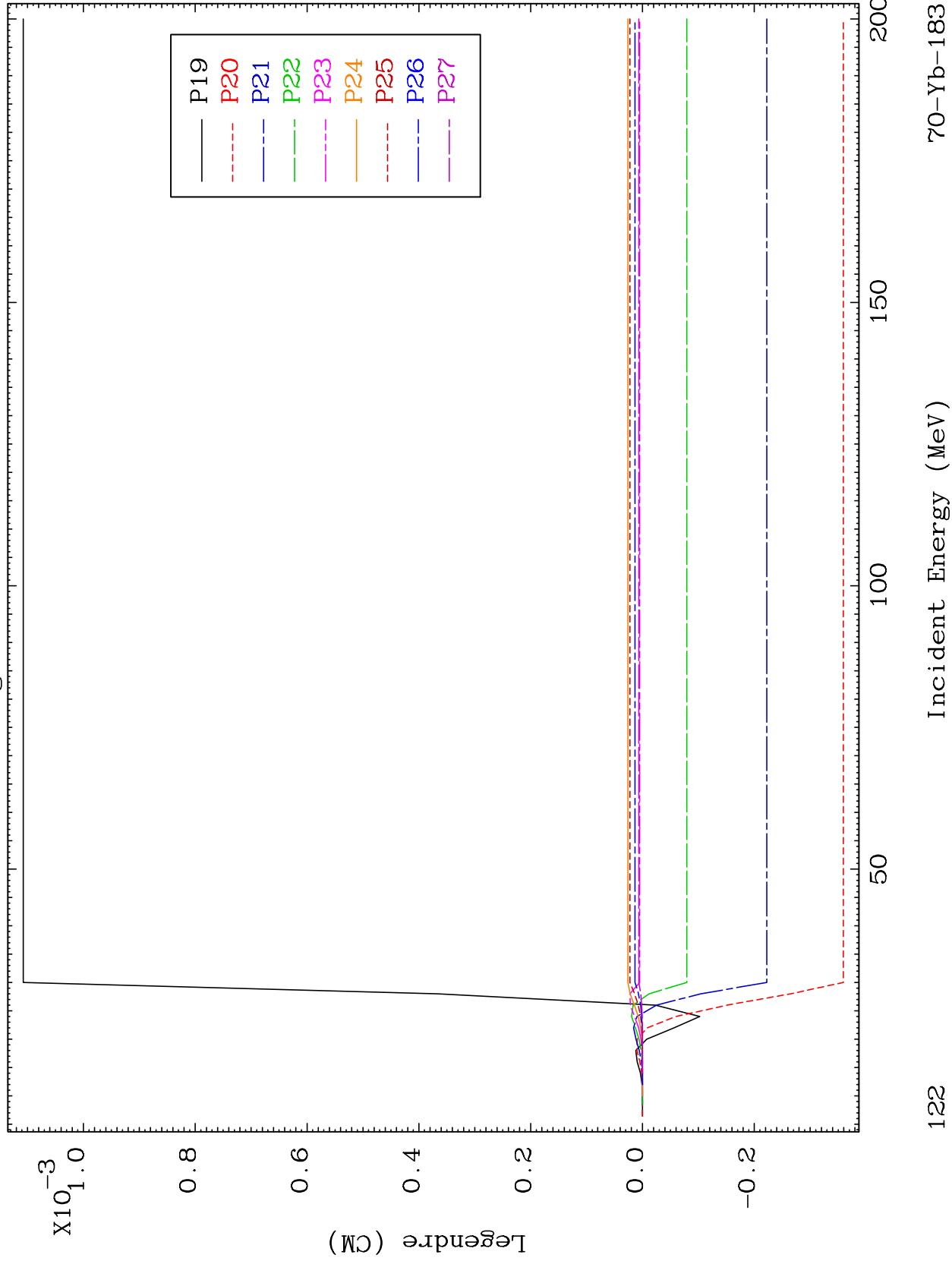
70-Yb-183

121

MAT 7070

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

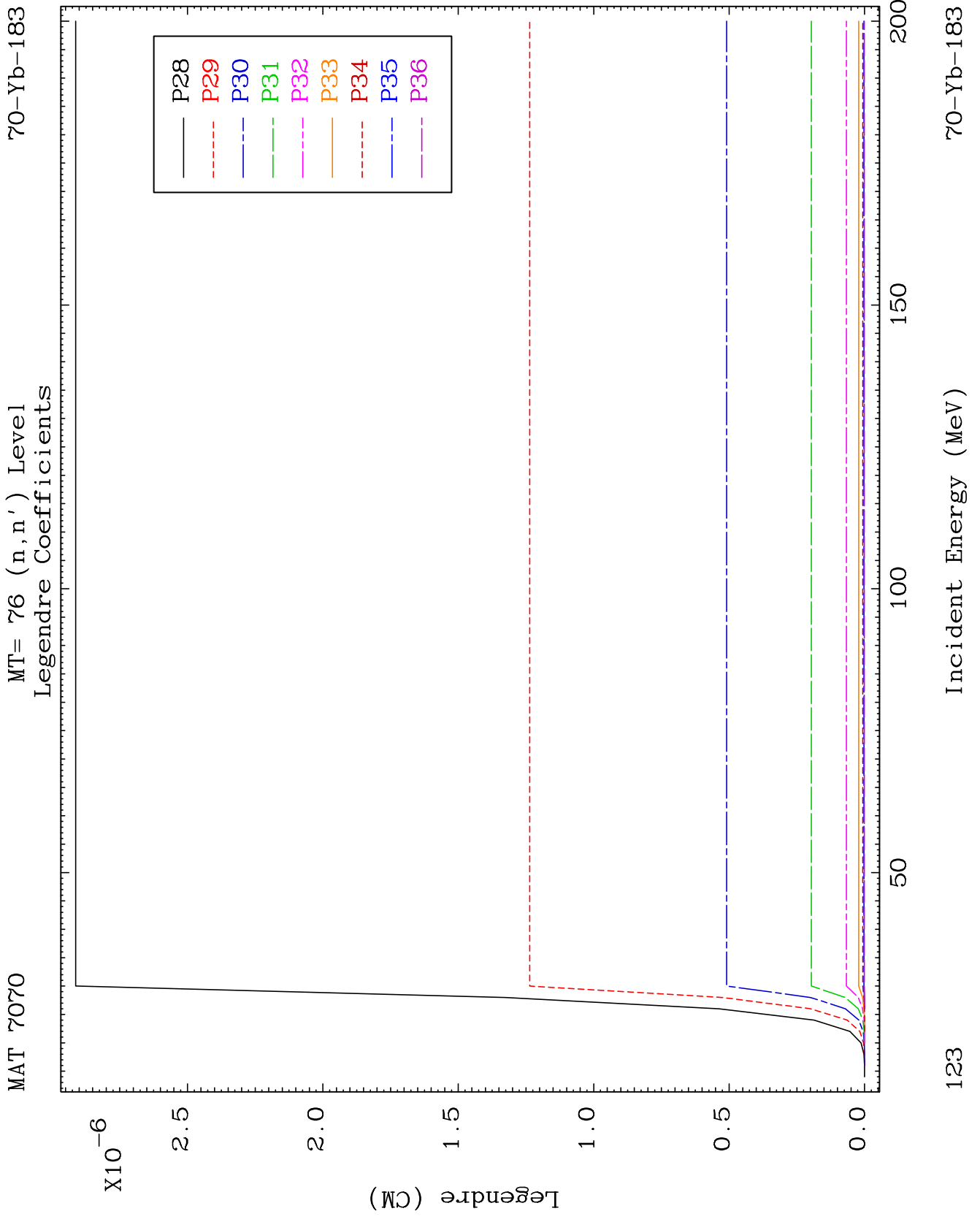
70-Yb-183



122

Incident Energy (MeV)

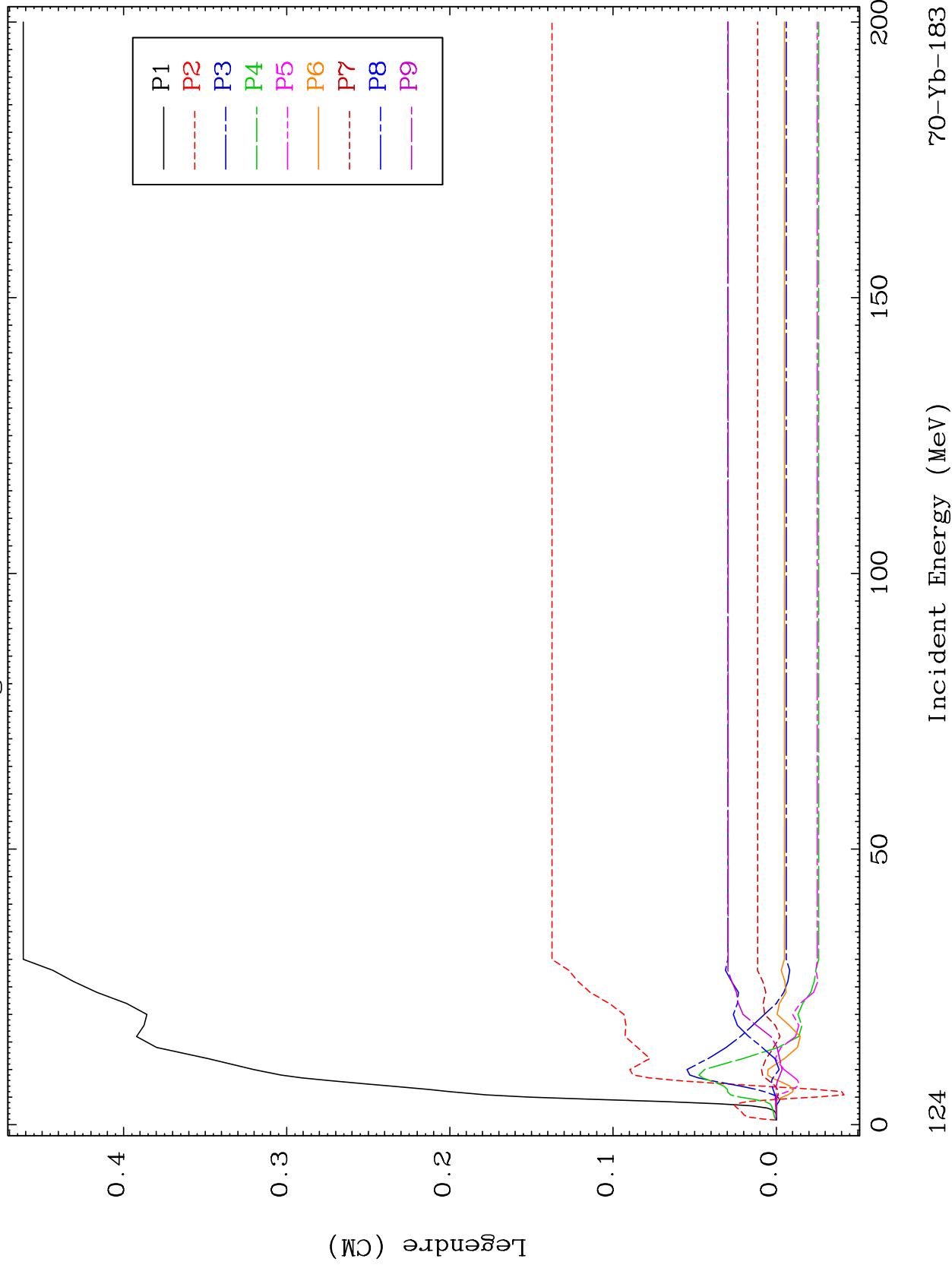
70-Yb-183



MAT 7070

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

70-Yb-183



124

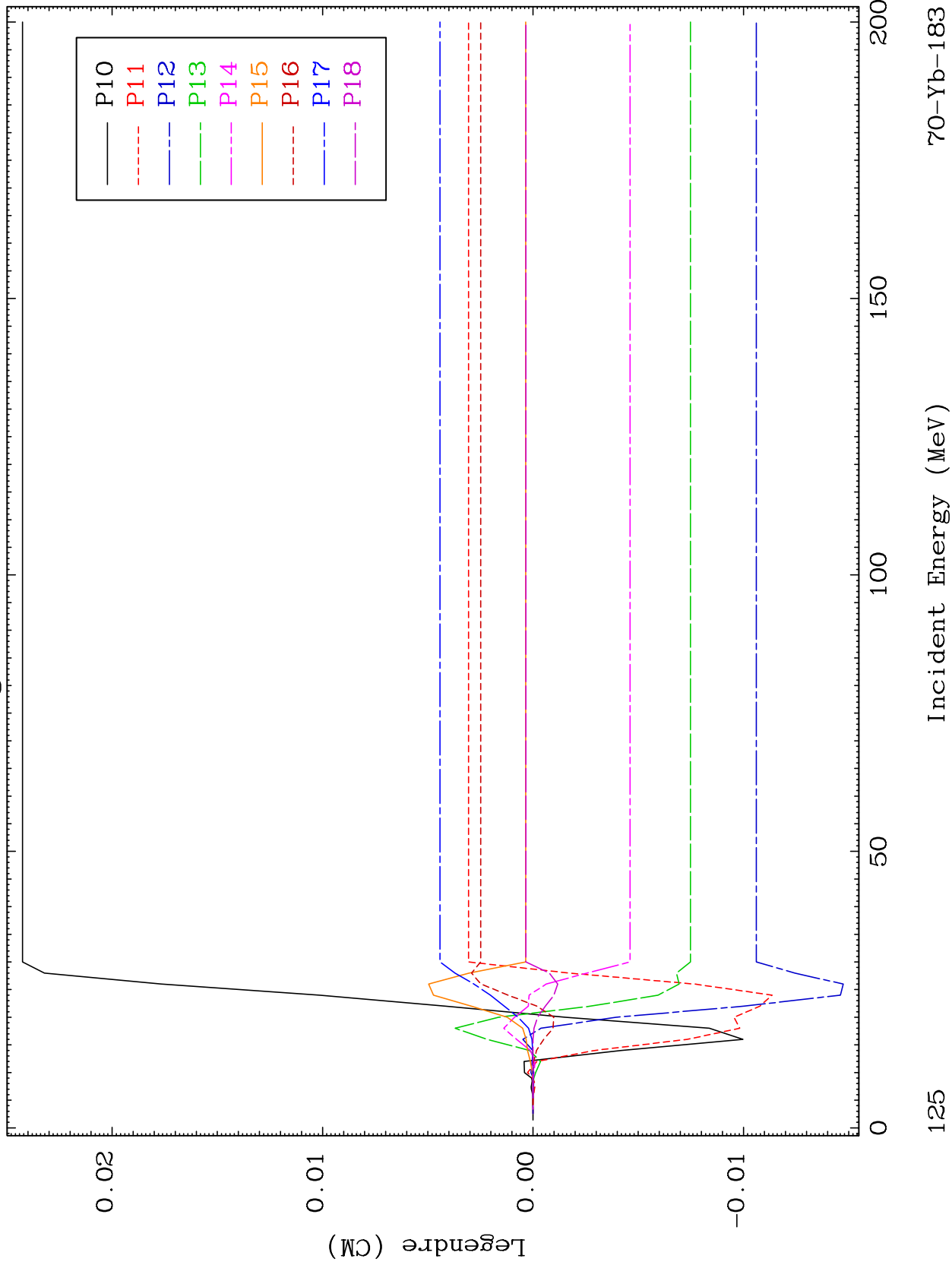
Incident Energy (MeV)

70-Yb-183

MAT 7070

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

70-Yb-183



70-Yb-183

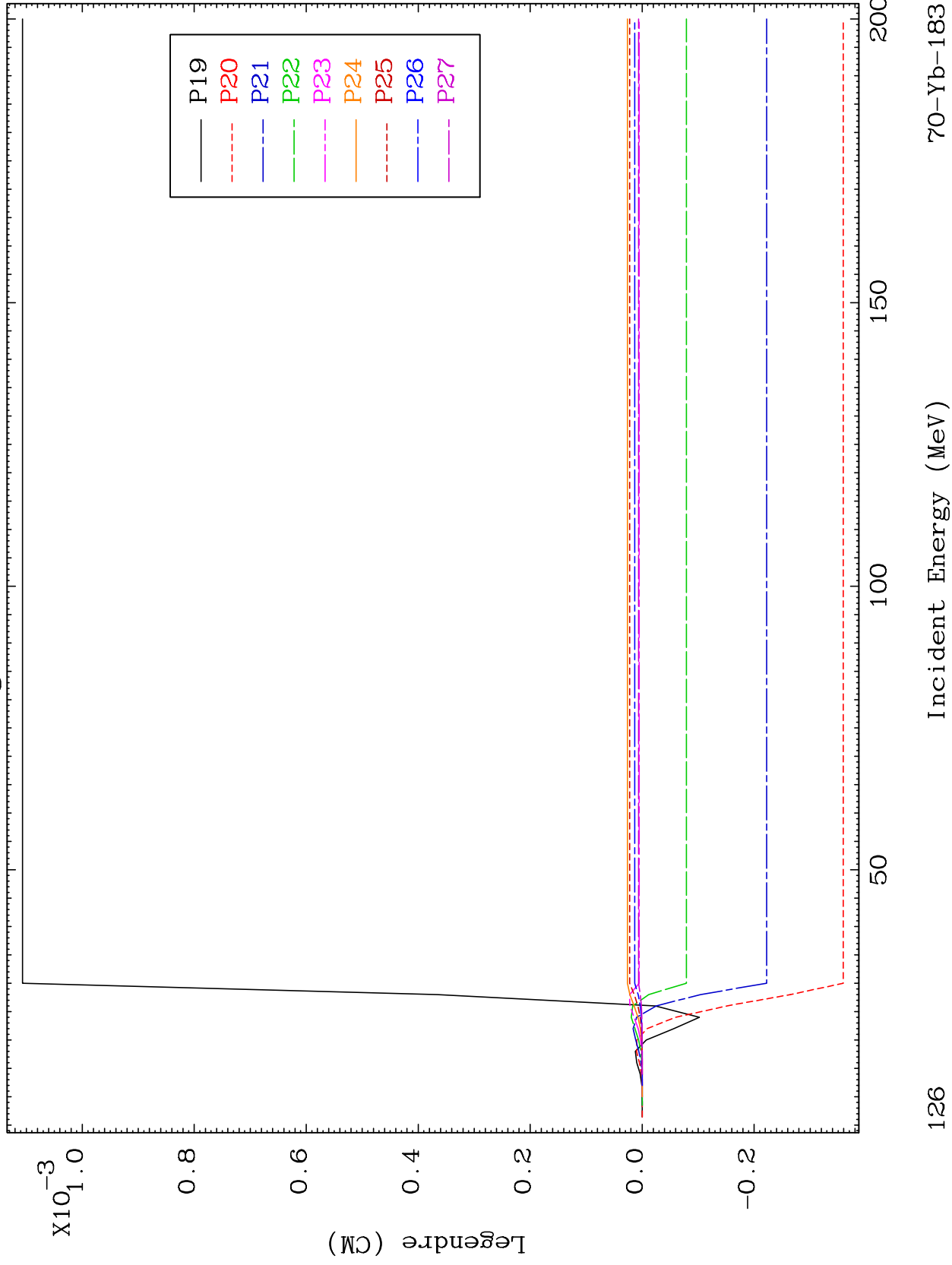
Incident Energy (MeV)

125

MAT 7070

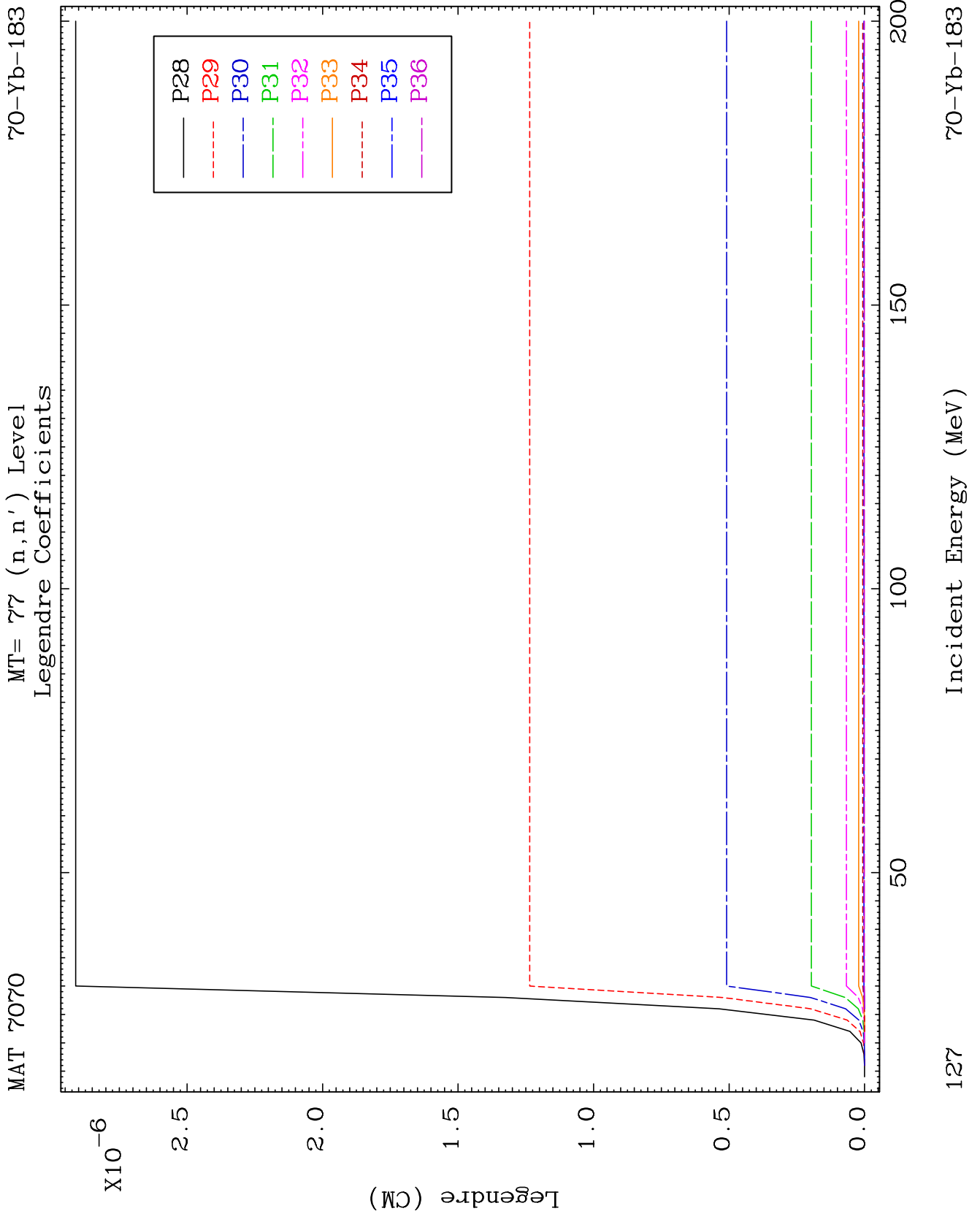
MT= 77 (n,n') Level
Legendre Coefficients

70-Yb-183



126

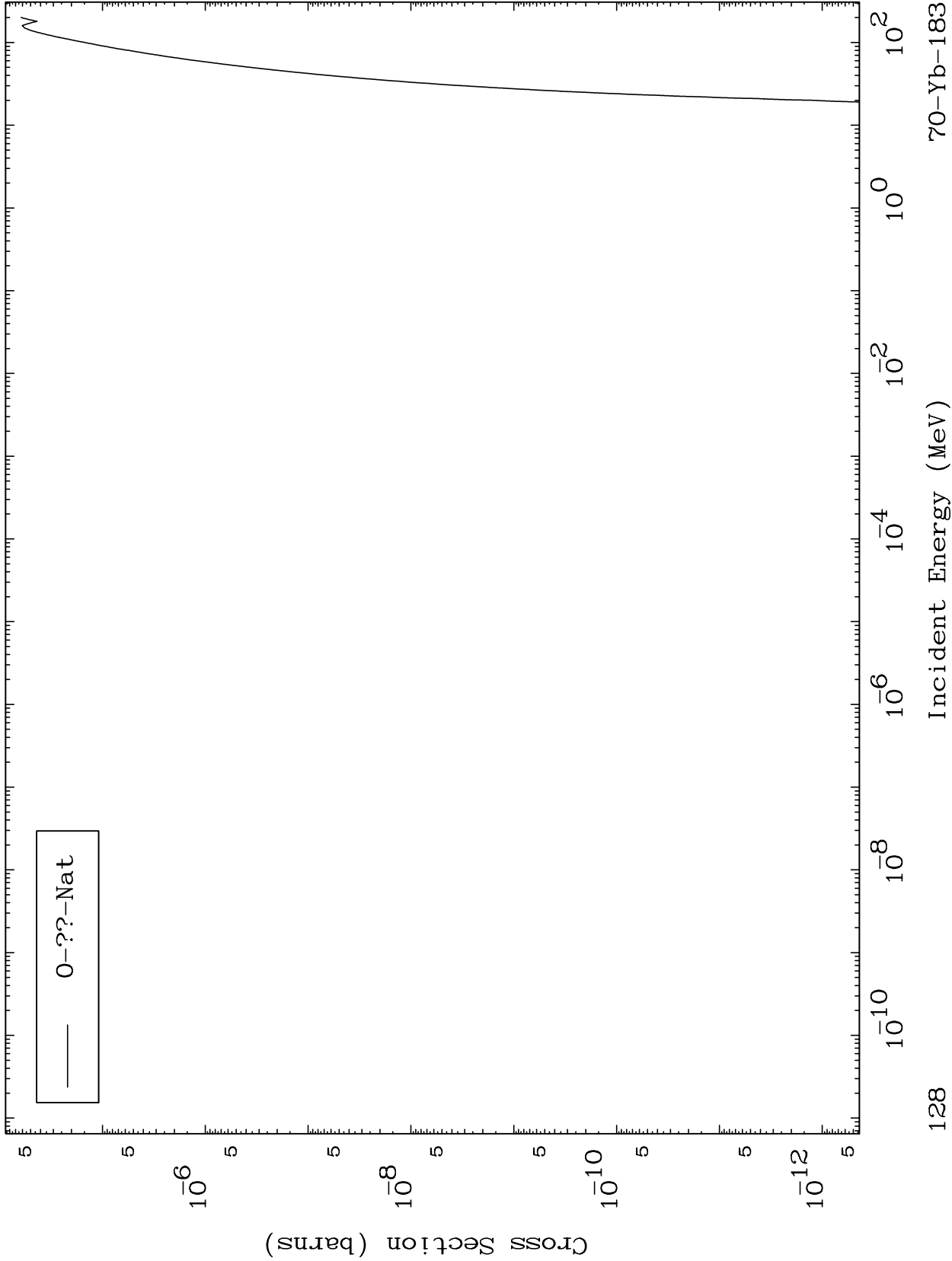
70-Yb-183



MAT 7070

Fission
Radionuclide Production Cross Section

70-Yb-183



70-Yb-183