

Program EVALPLOT
(Version 2021-1)

by

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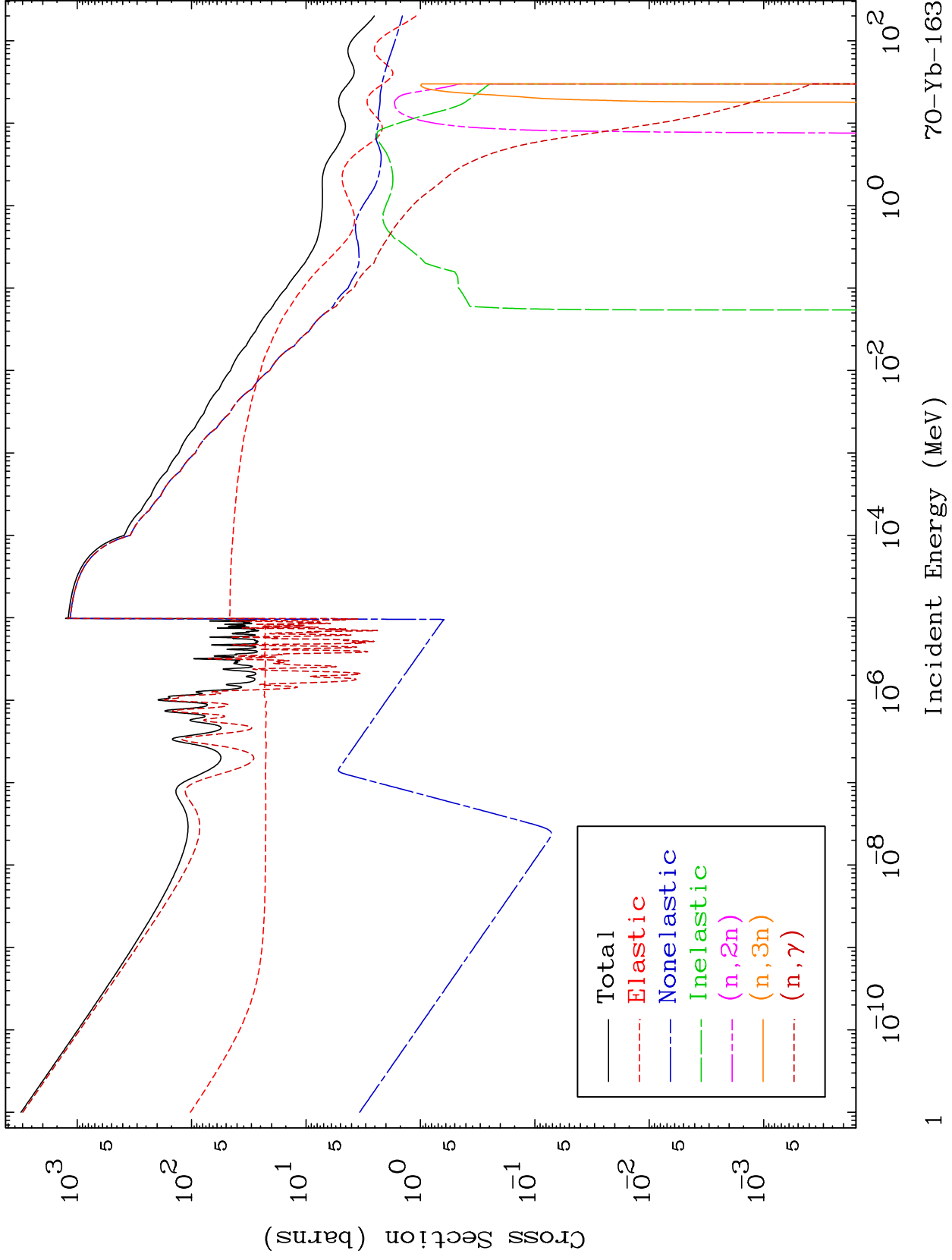
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7010

Neutron Major
293 Kelvin Cross Sections

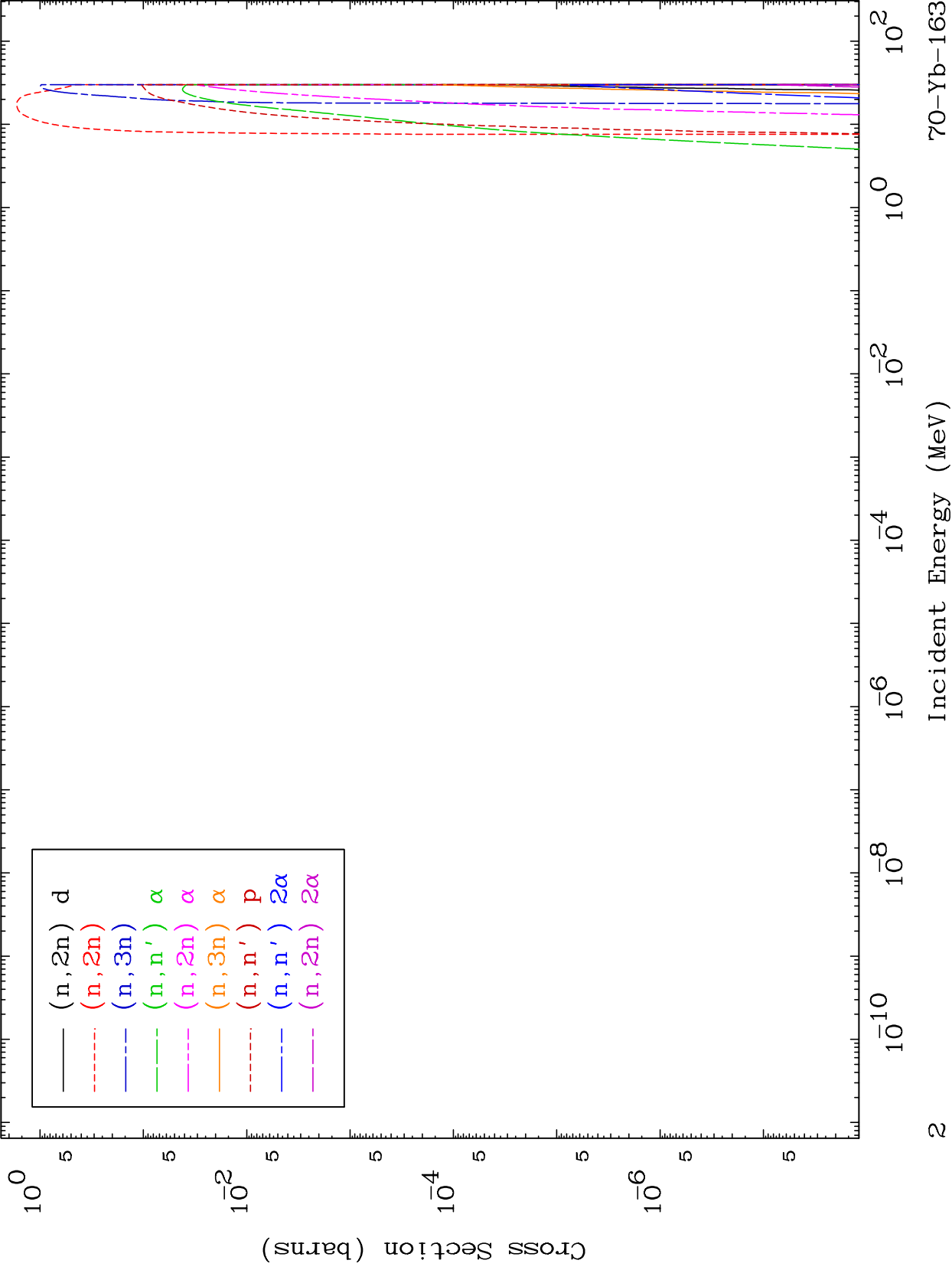
70-Yb-163



MAT 7010

Neutron Absorption
293 Kelvin Cross Sections

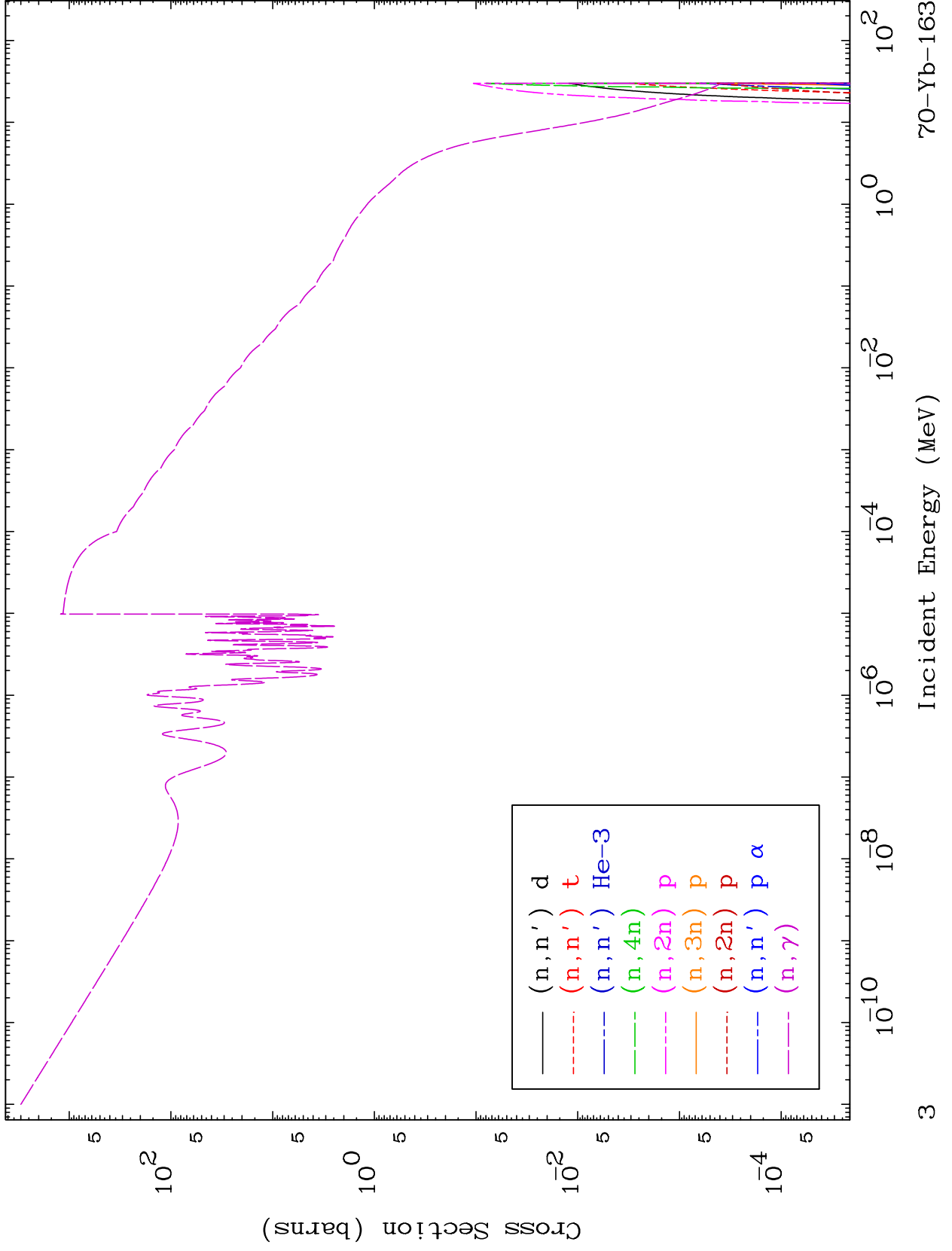
70-Yb-163

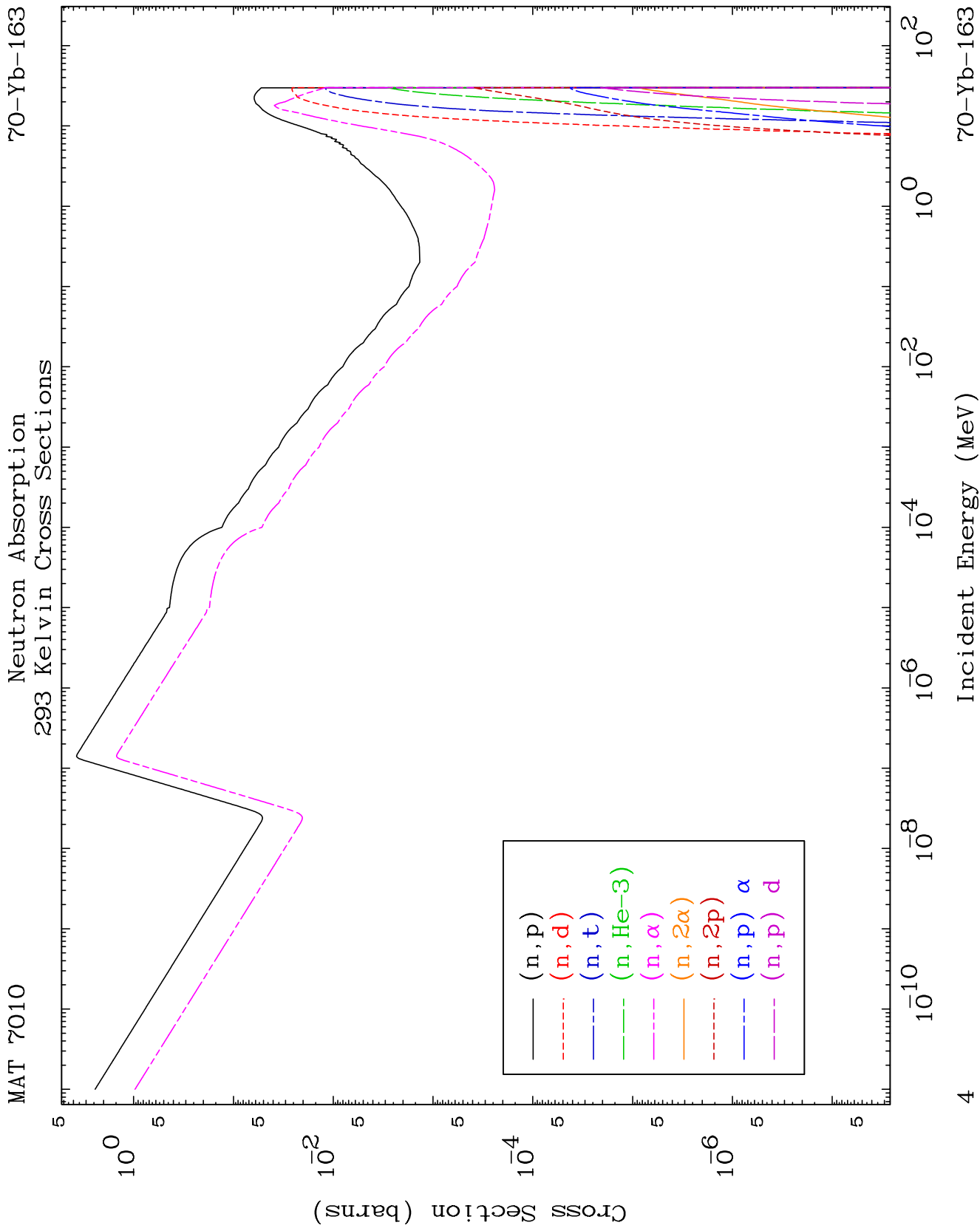


MAT 7010

Neutron Absorption
293 Kelvin Cross Sections

70-Yb-163

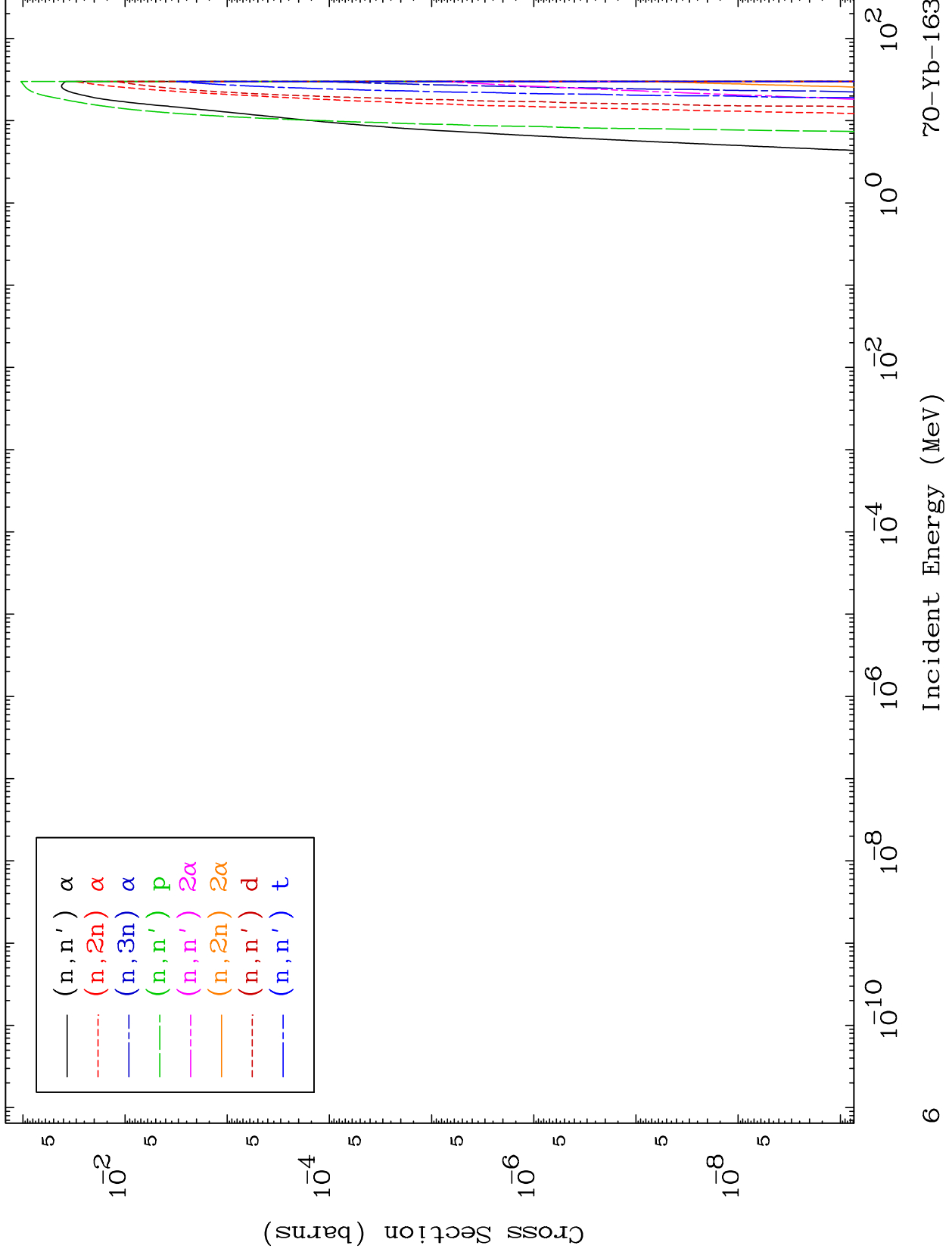




MAT 7010

Charged Particle
293 Kelvin Cross Sections

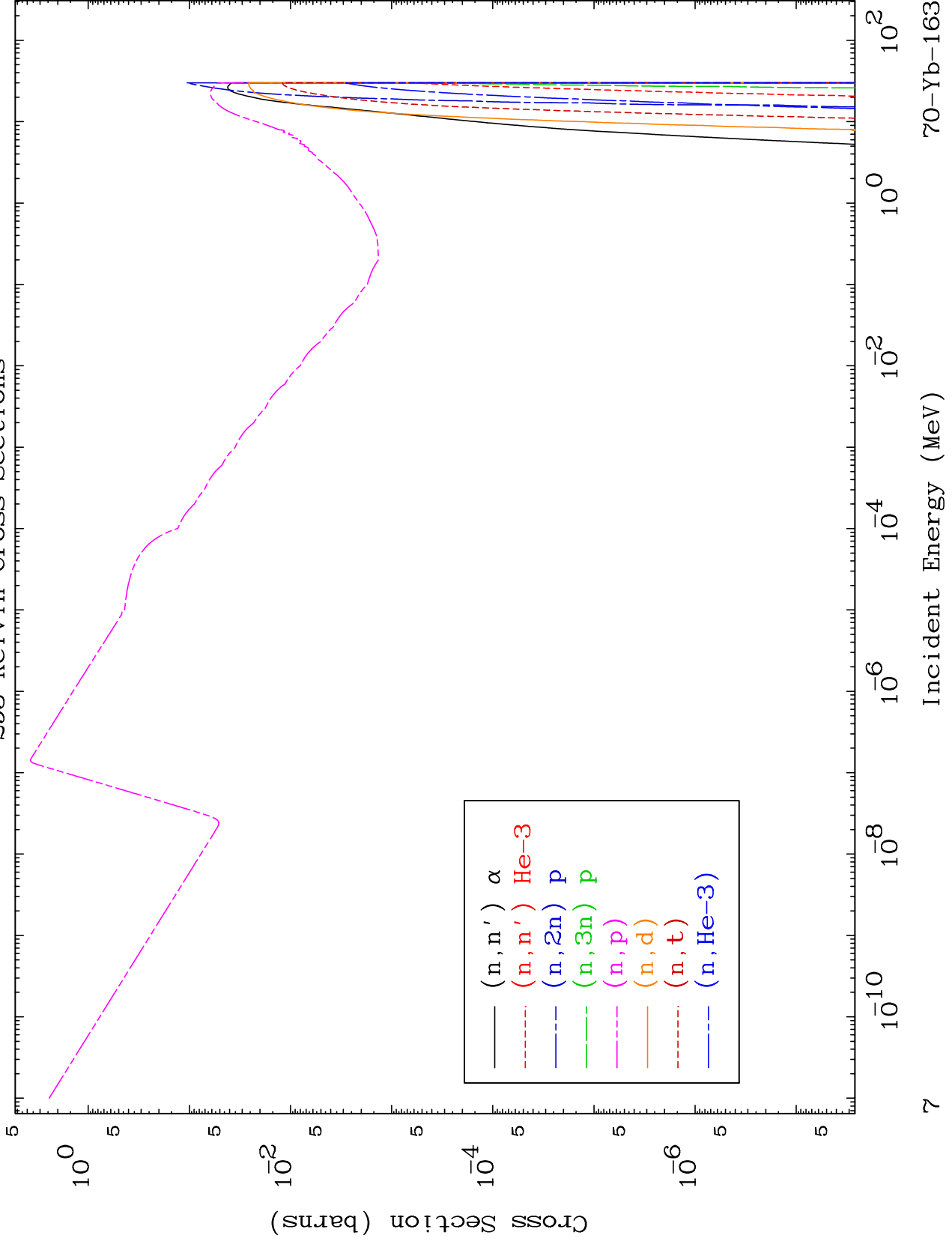
70-Yb-163

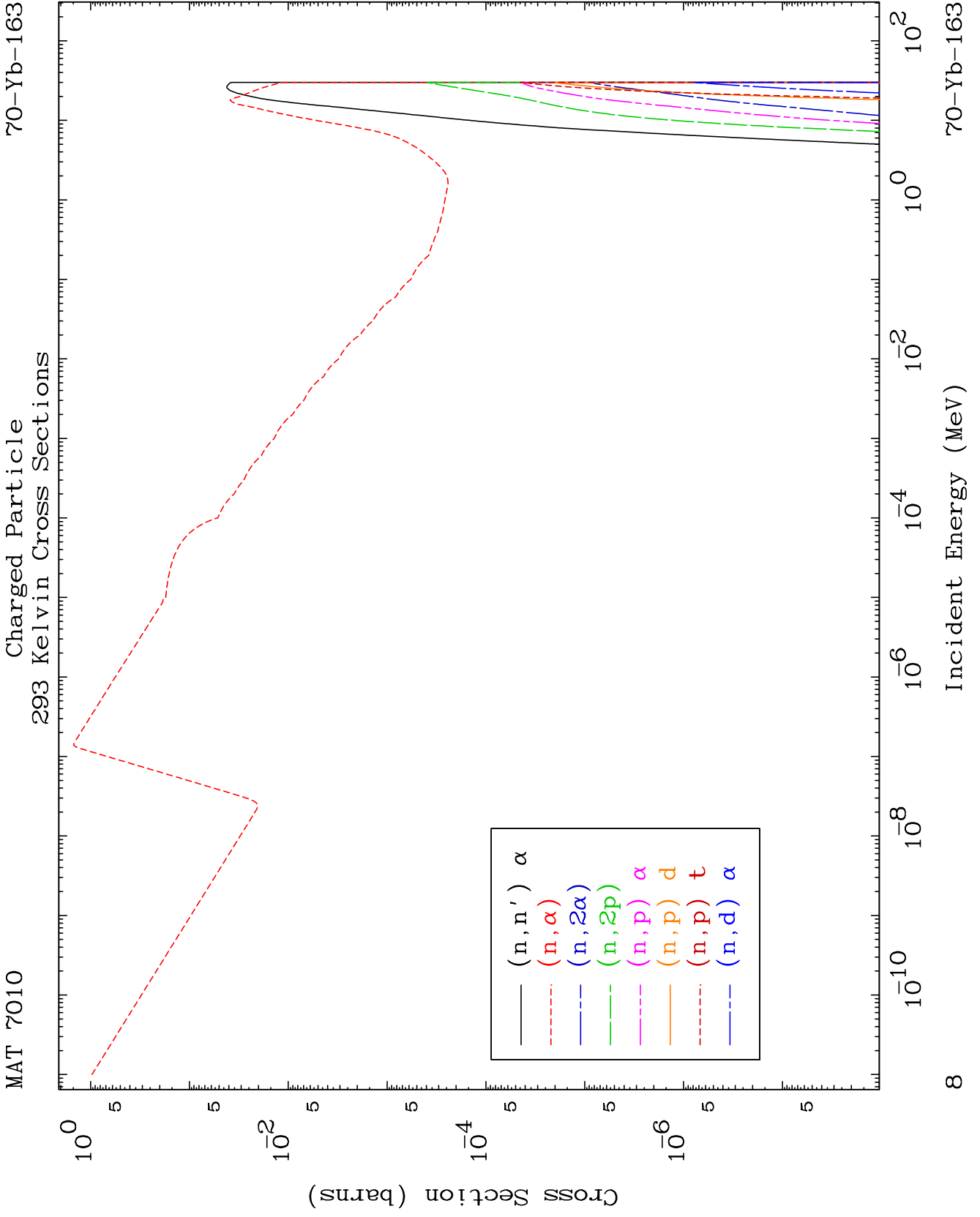


MAT 7010

Charged Particle
293 Kelvin Cross Sections

70-Yb-163

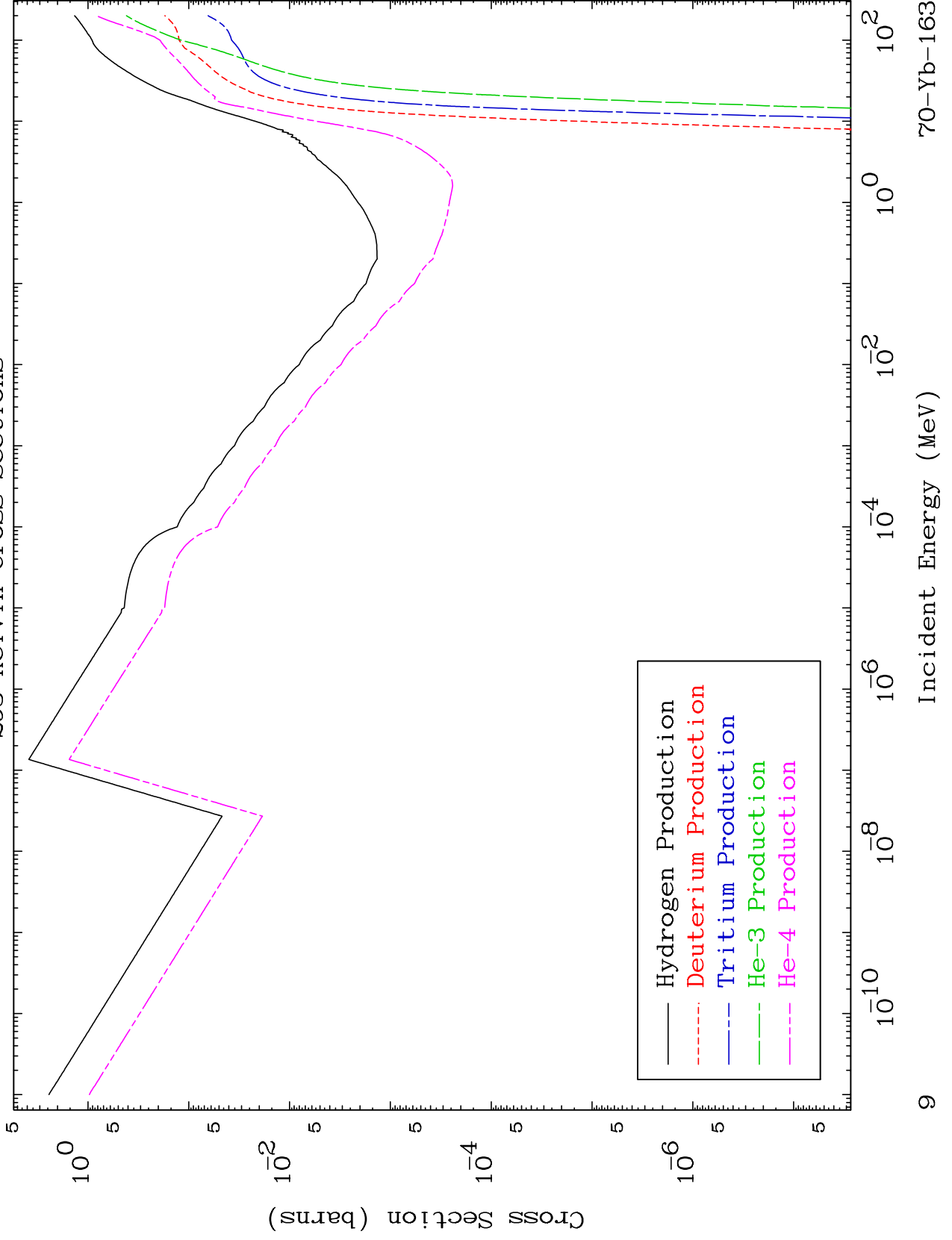




MAT 7010

Particle Production
293 Kelvin Cross Sections

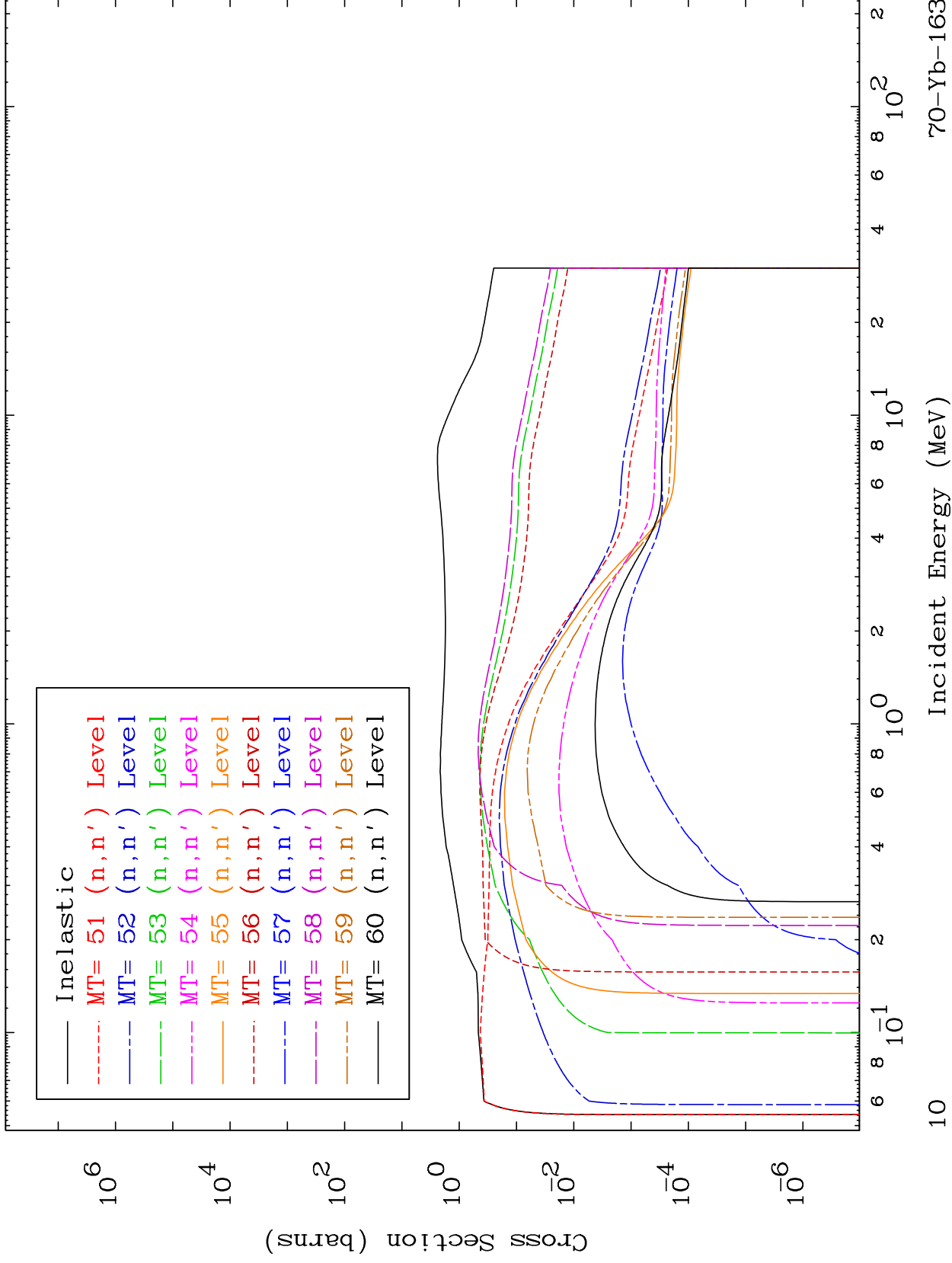
70-Yb-163



MAT 7010

(n,n') Levels
293 Kelvin Cross Sections

70-Yb-163



10

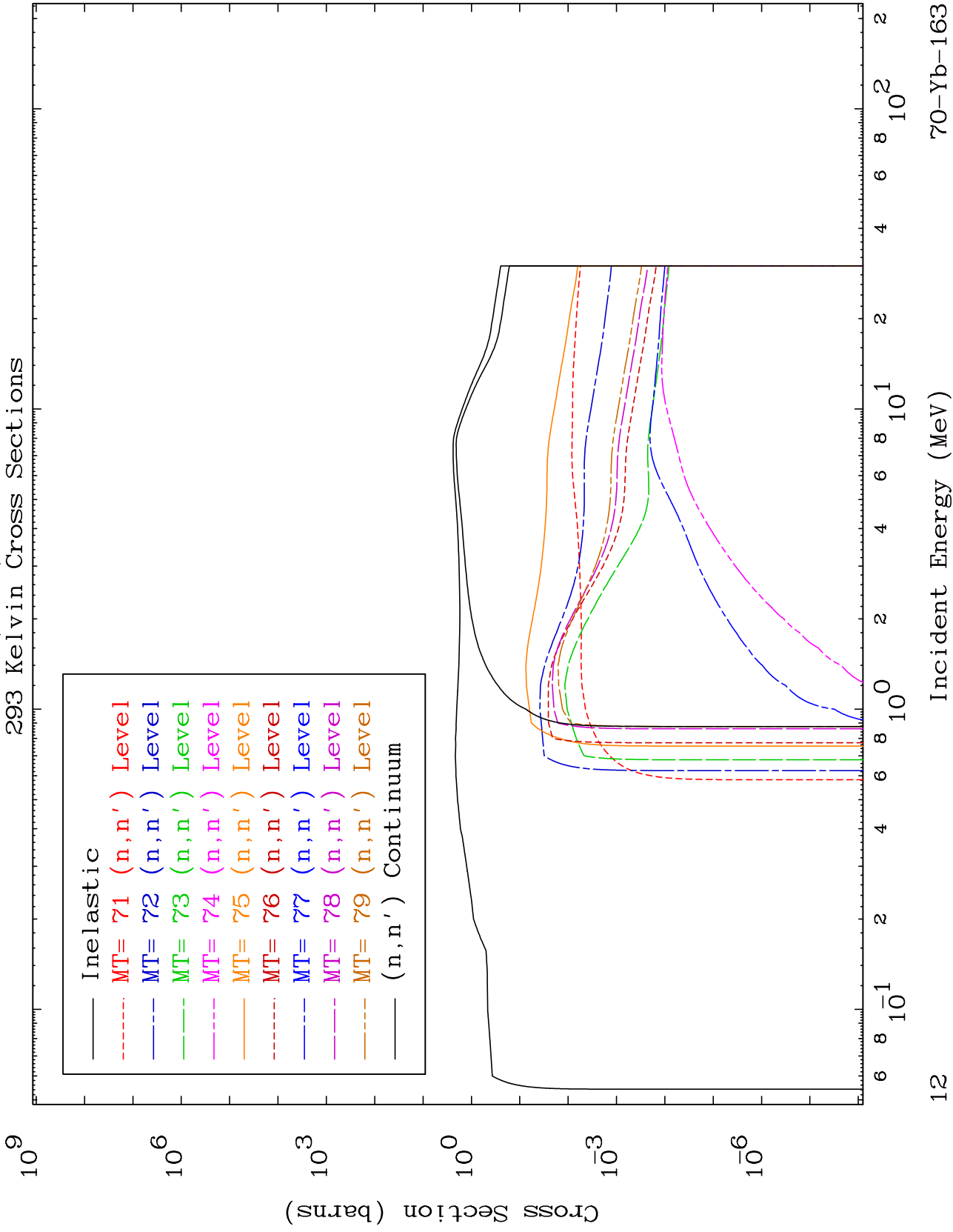
Incident Energy (MeV)

70-Yb-163

MAT 7010

(n,n') Levels
293 Kelvin Cross Sections

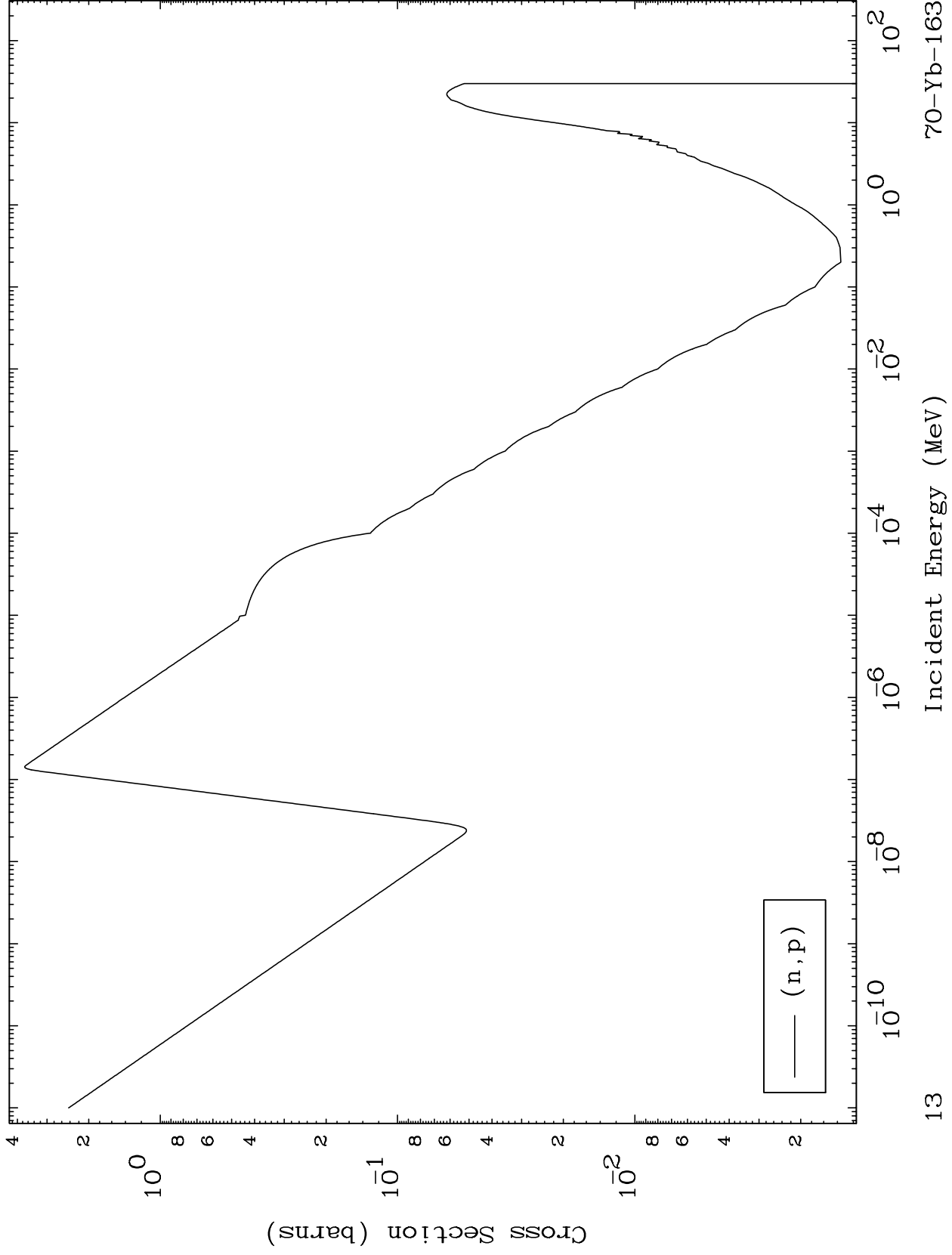
70-Yb-163



MAT 7010

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-163

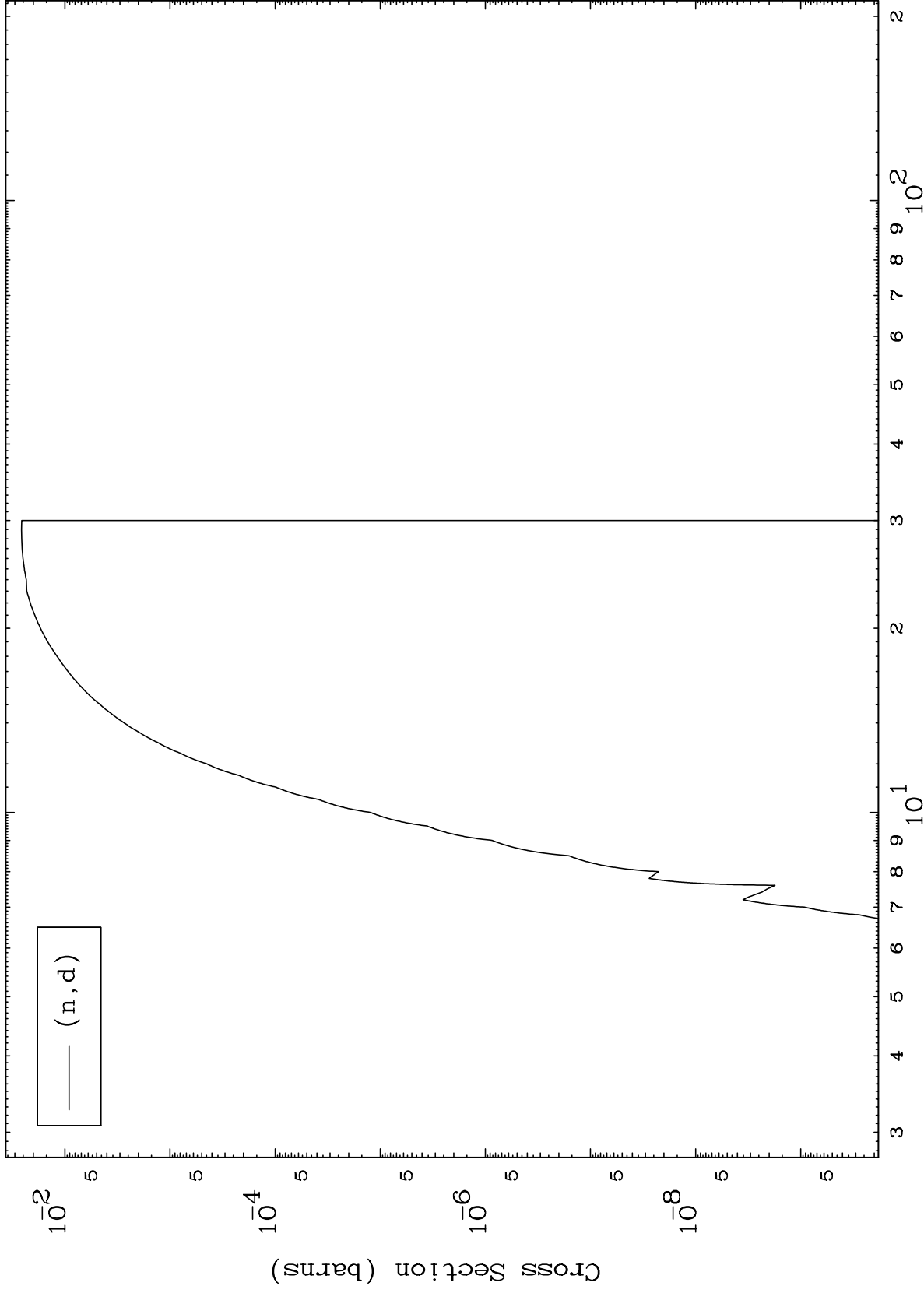


13

MAT 7010

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-163



14

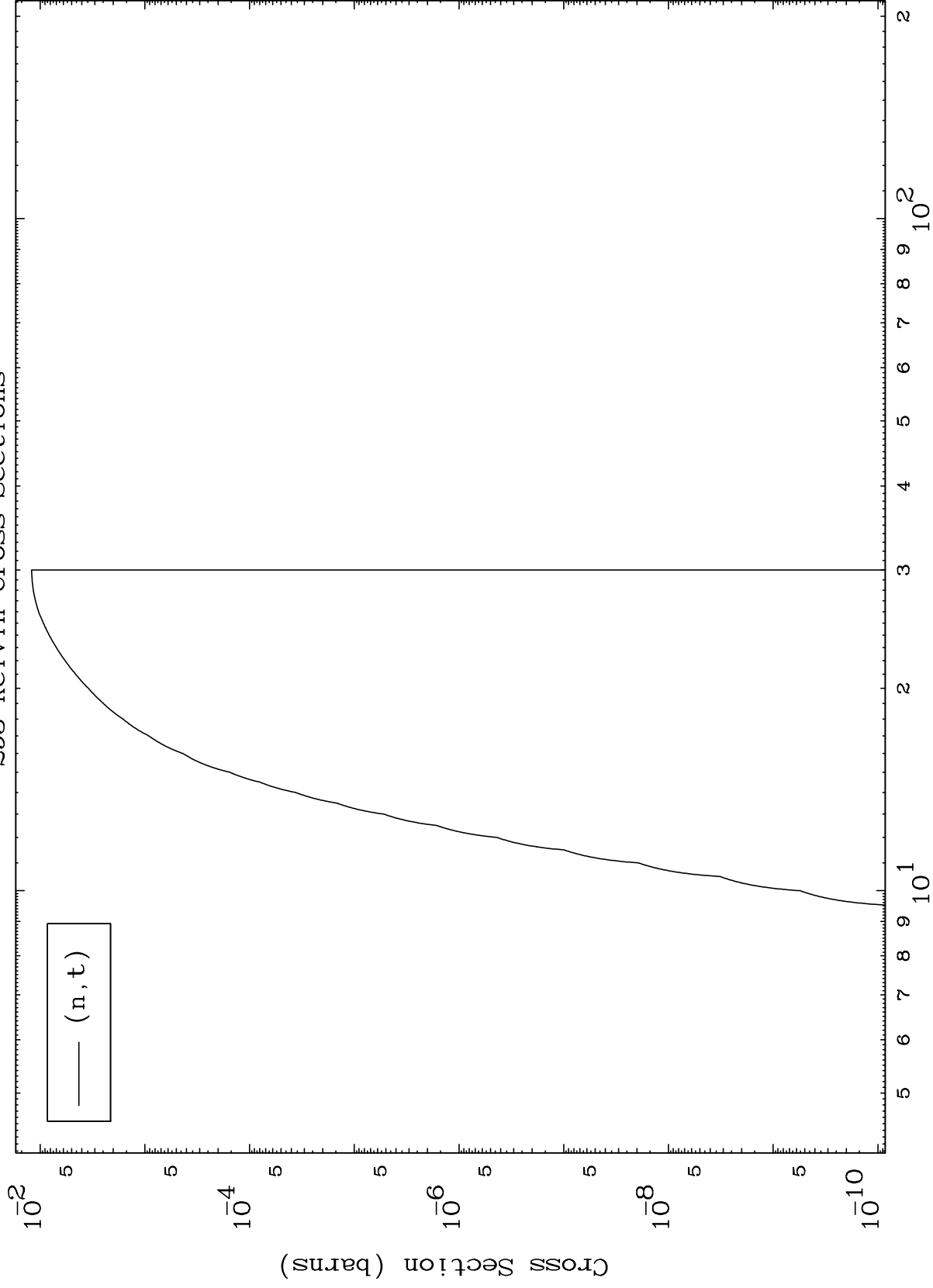
Incident Energy (MeV)

70-Yb-163

MAT 7010

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-163



15

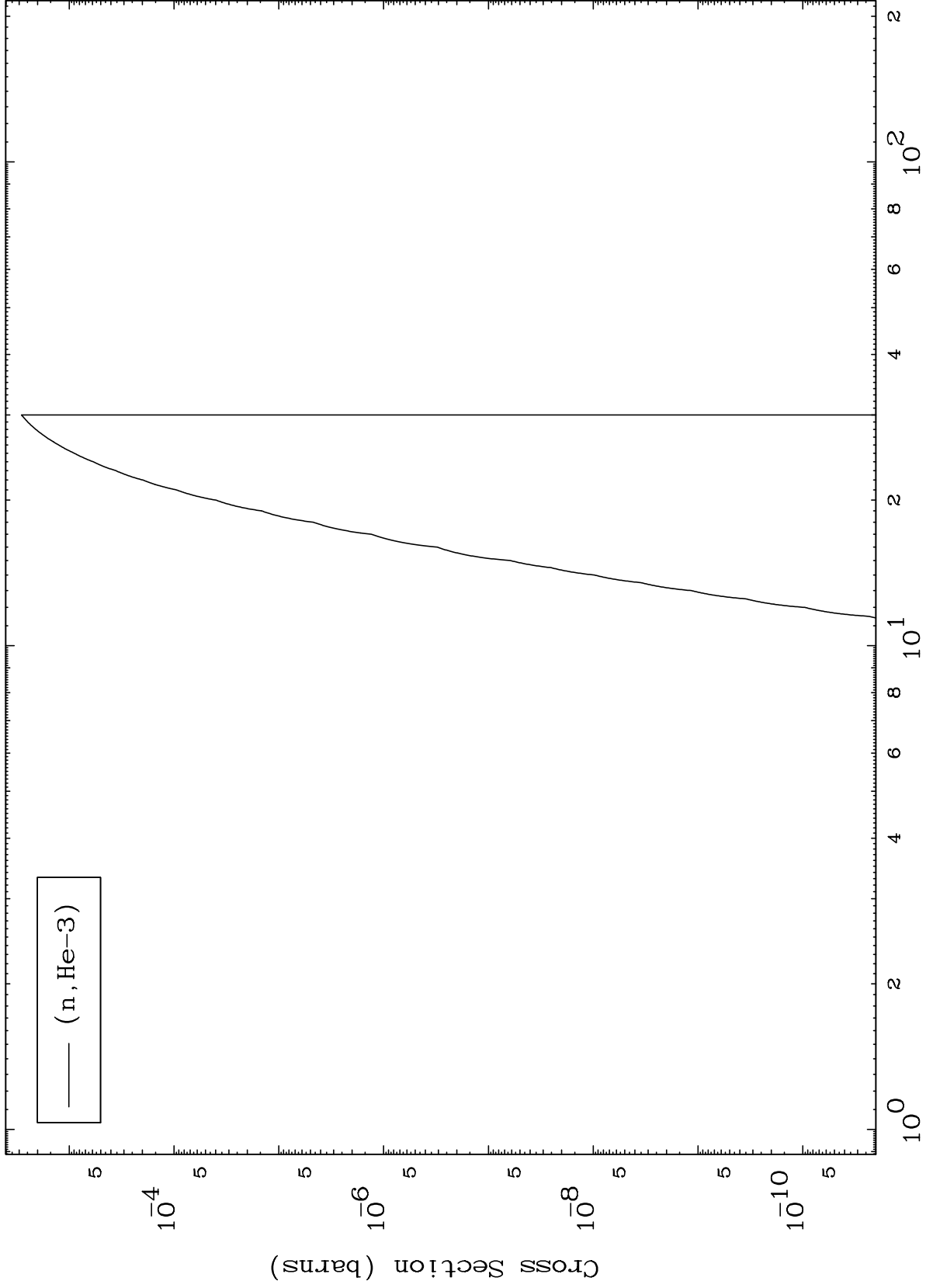
Incident Energy (MeV)

70-Yb-163

MAT 7010

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-163



16

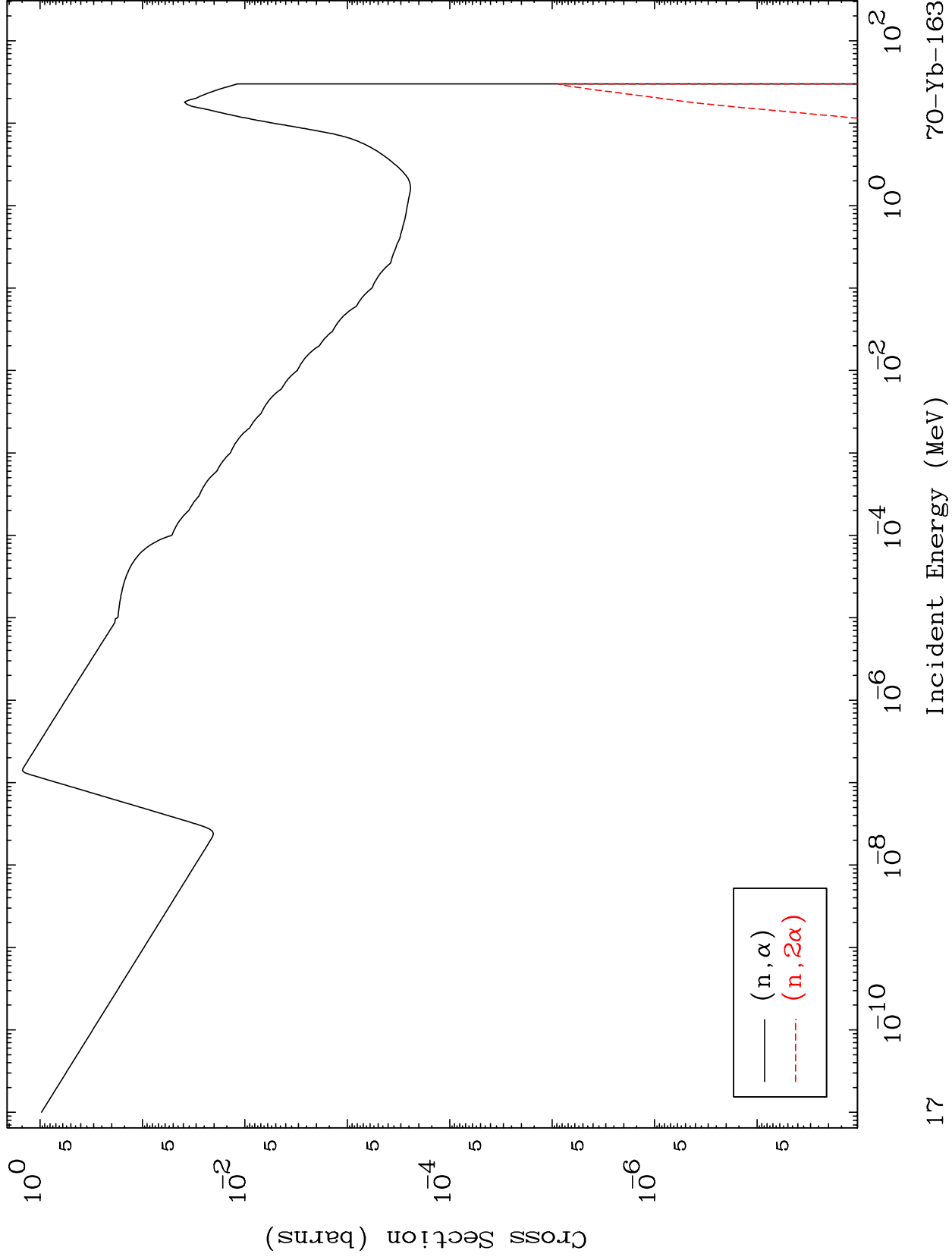
Incident Energy (MeV)

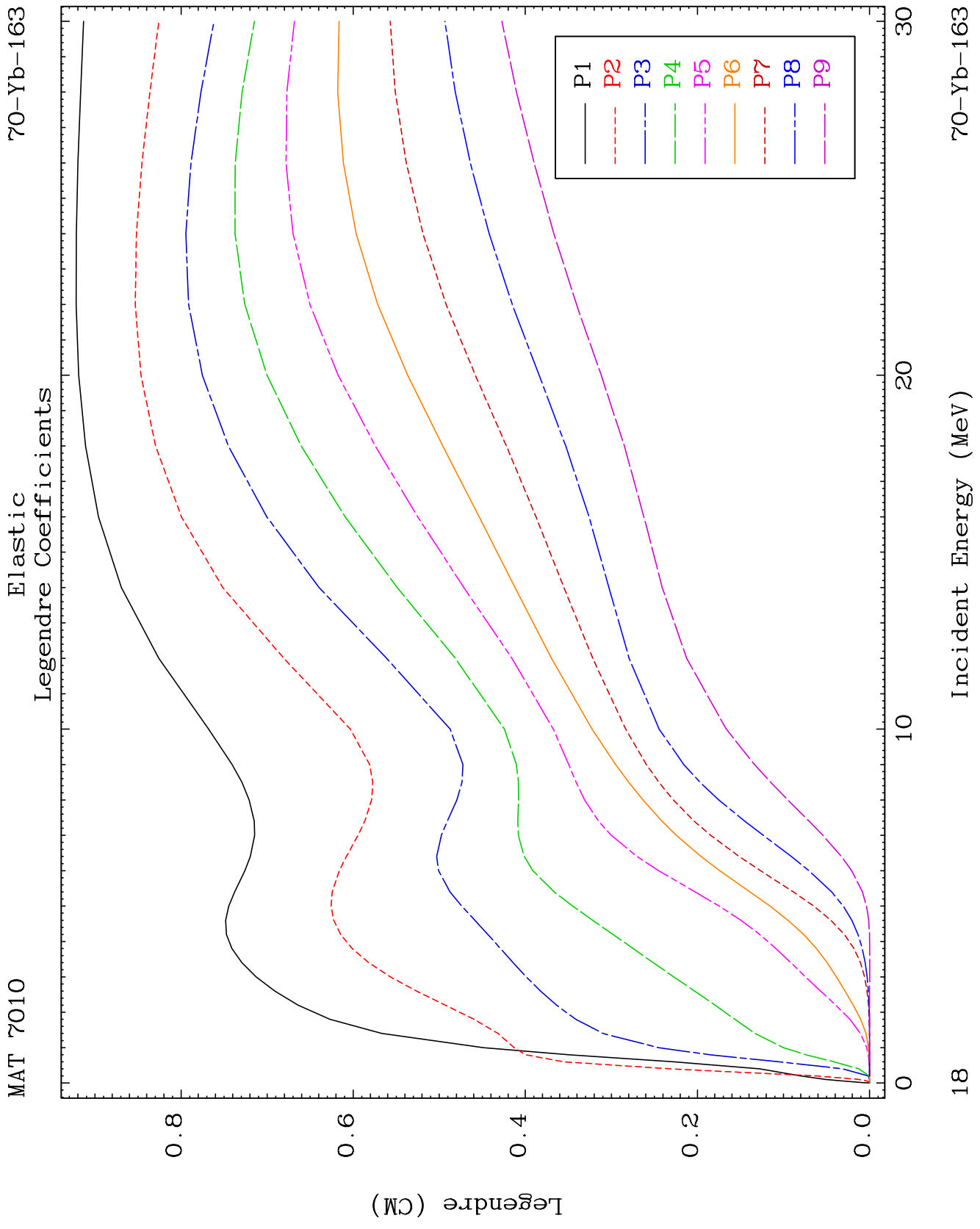
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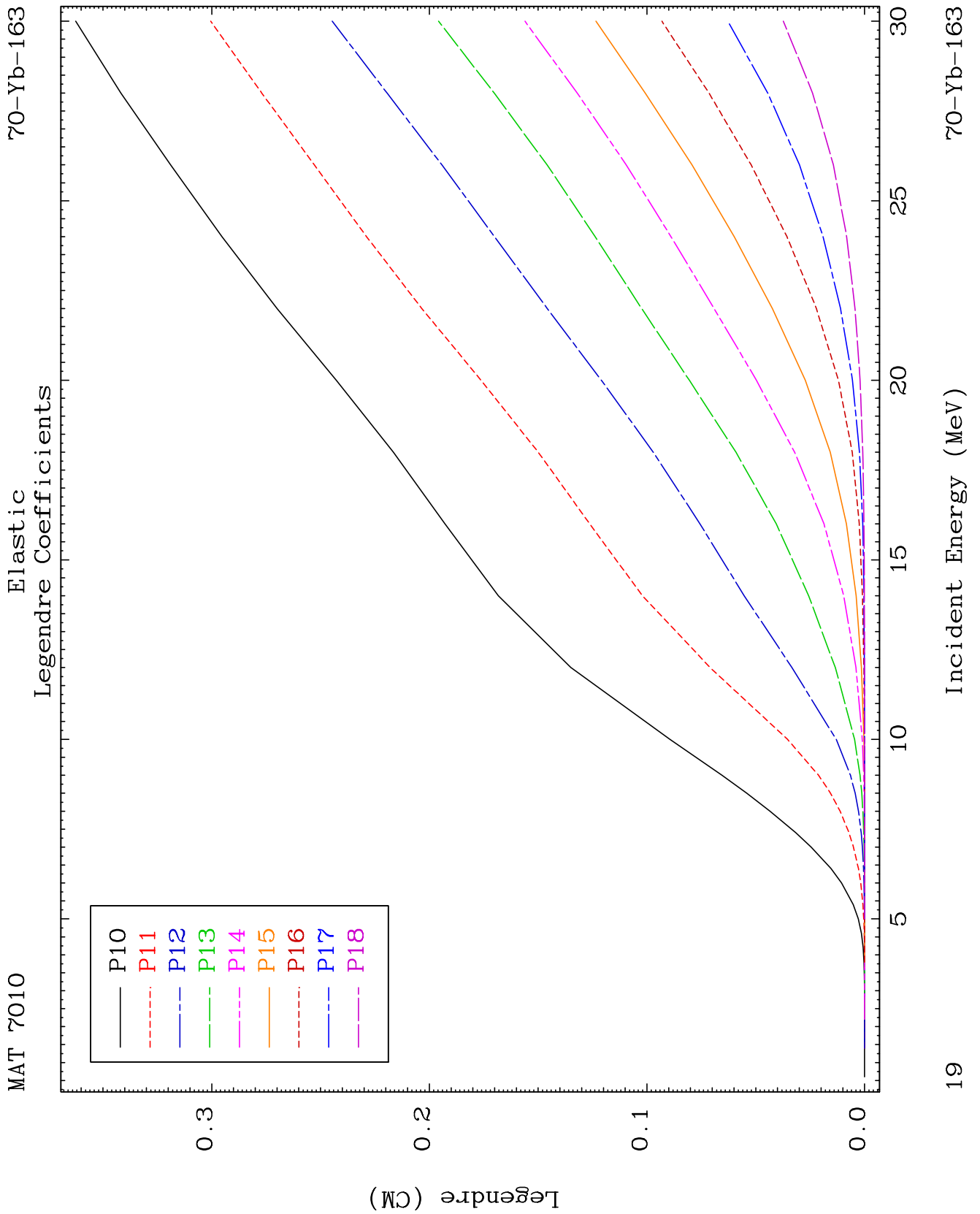
MAT 7010

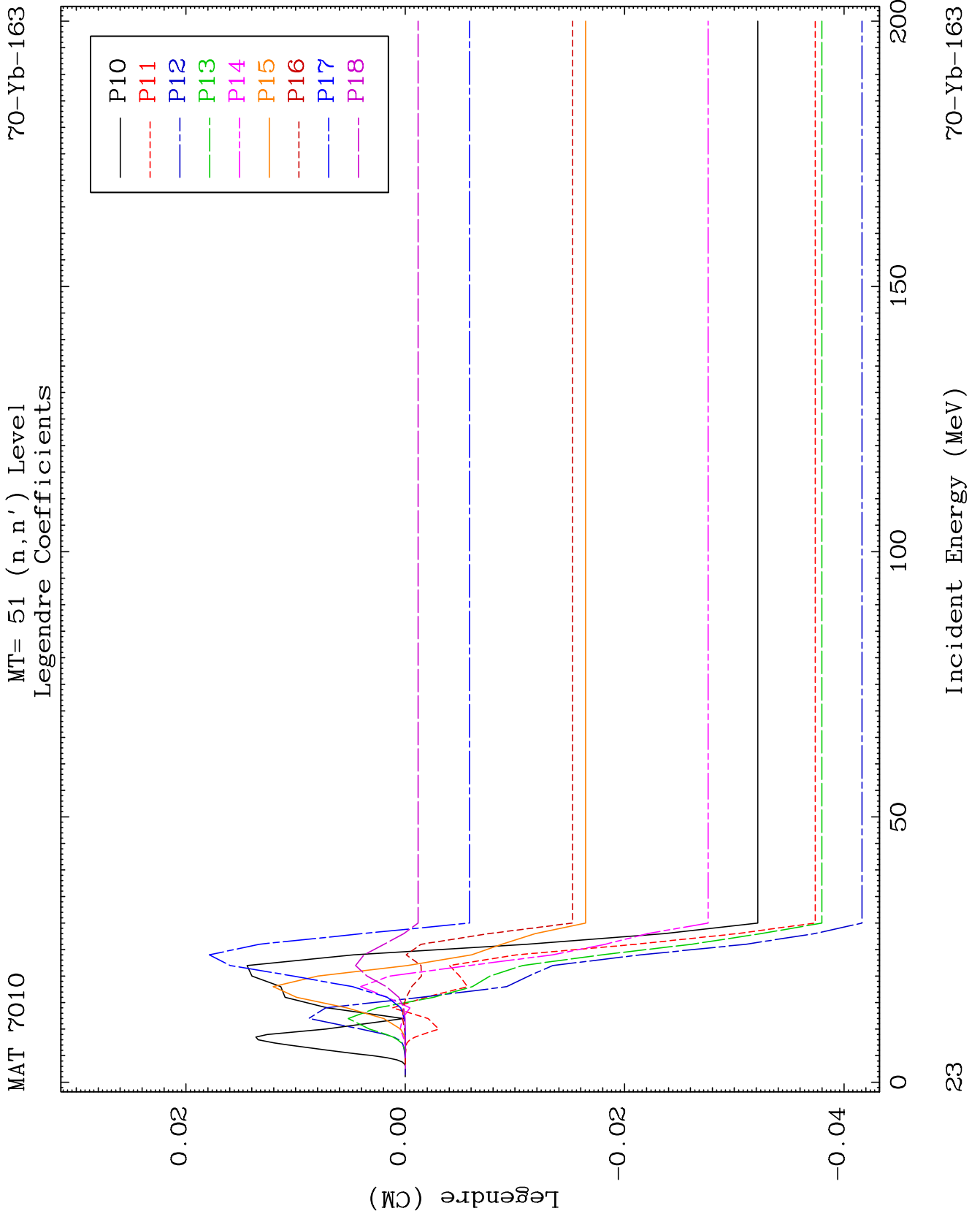
(n, α) Levels
293 Kelvin Cross Sections

70-Yb-163





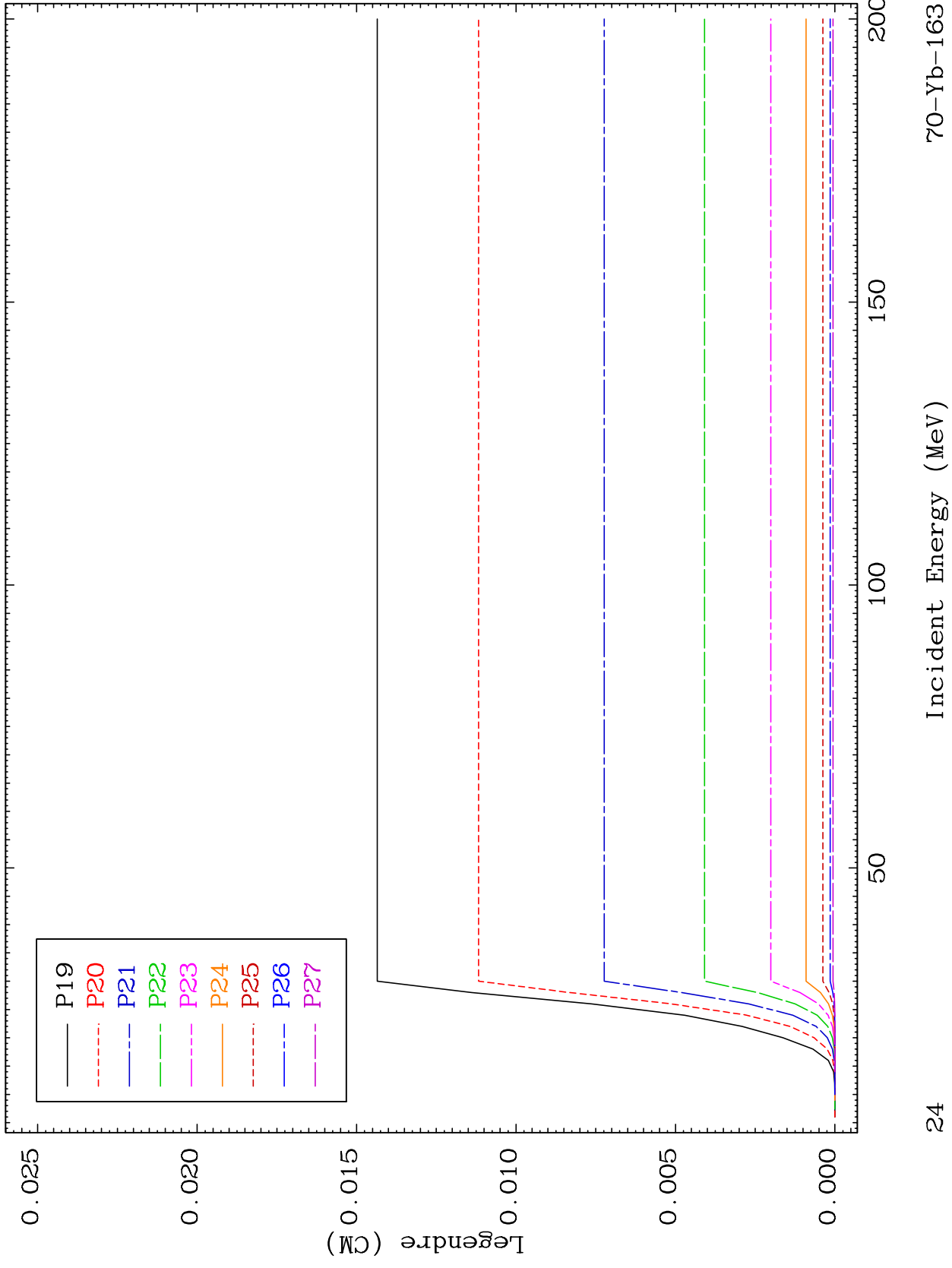




MAT 7010

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

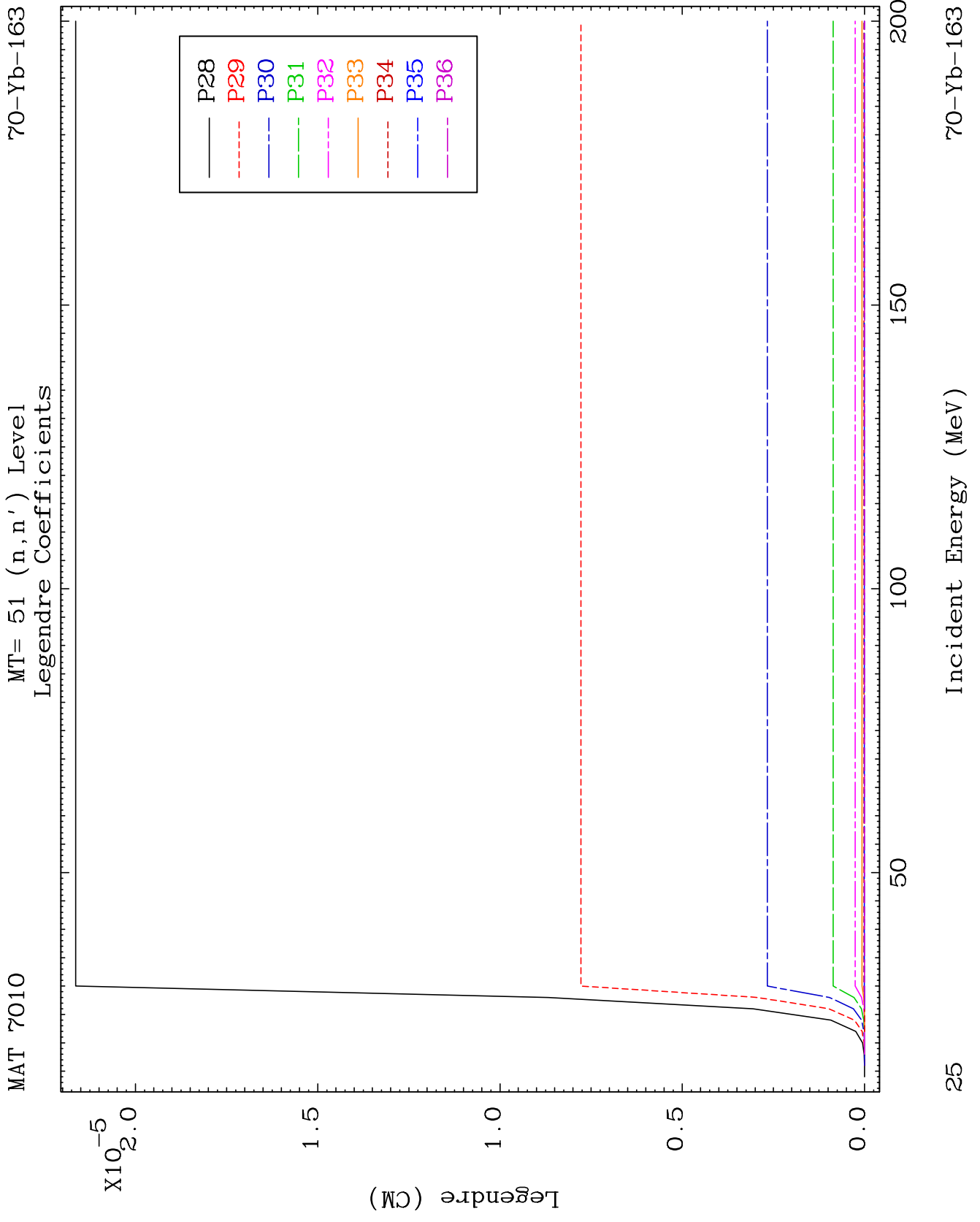
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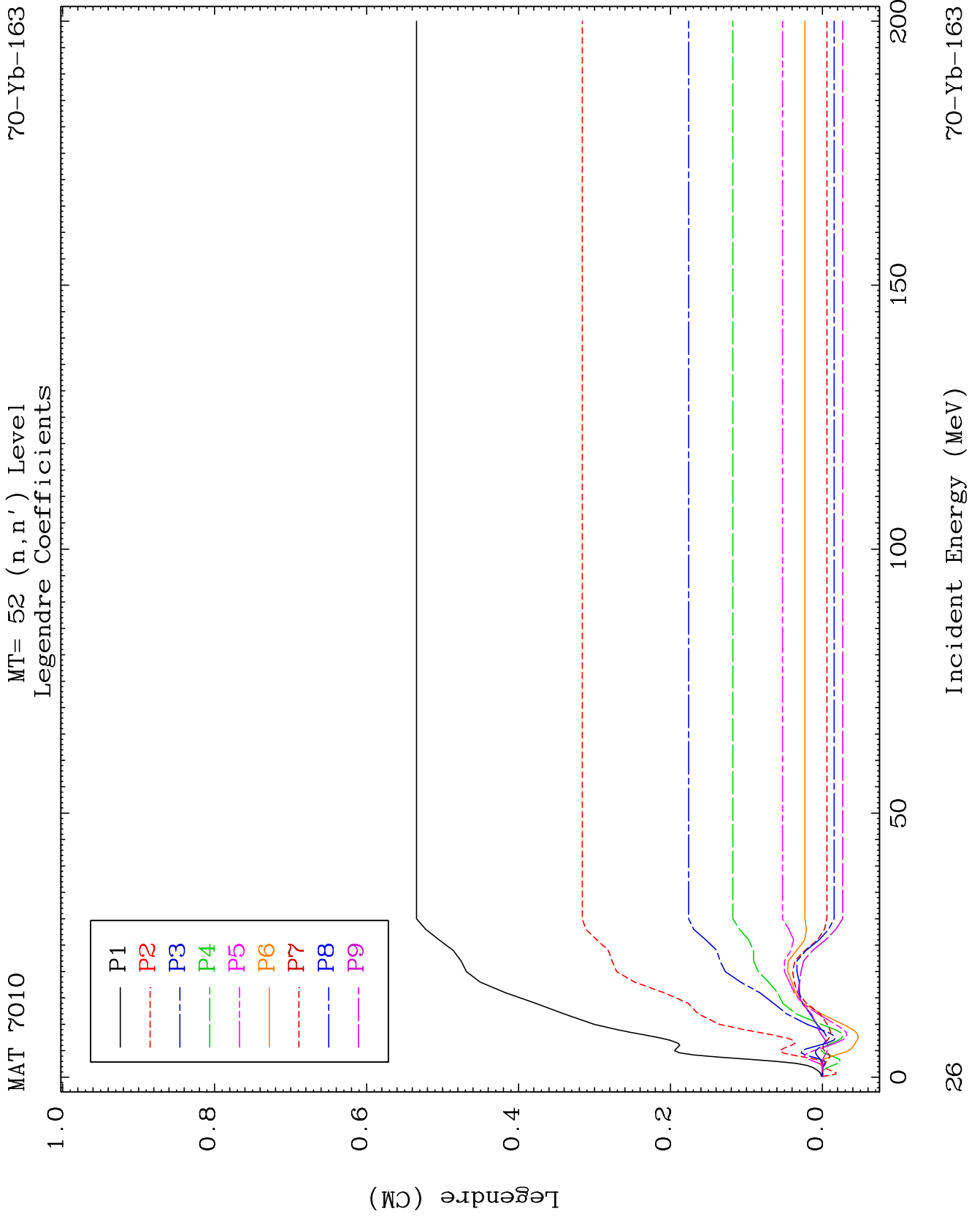


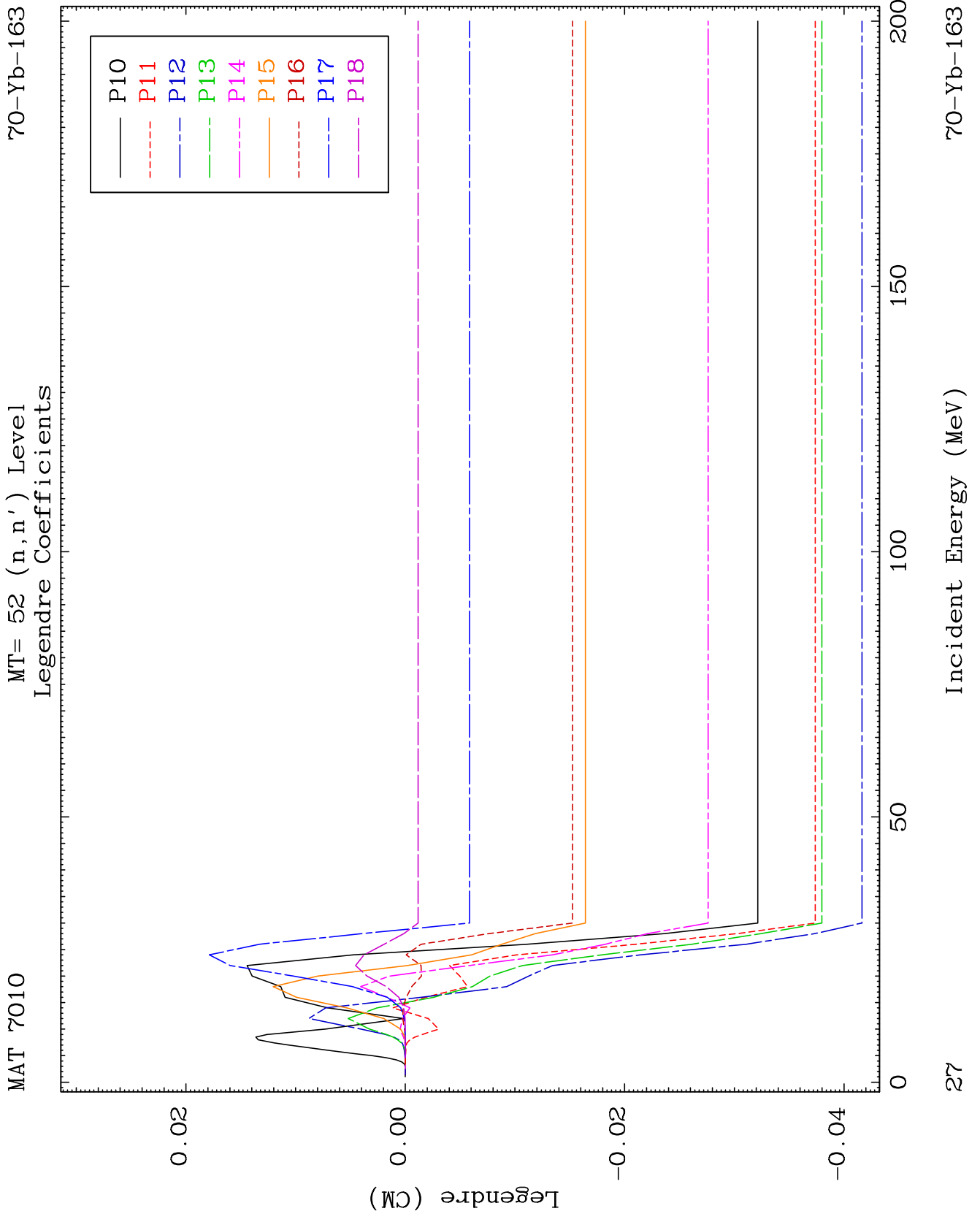
24

Incident Energy (MeV)

70-Yb-163



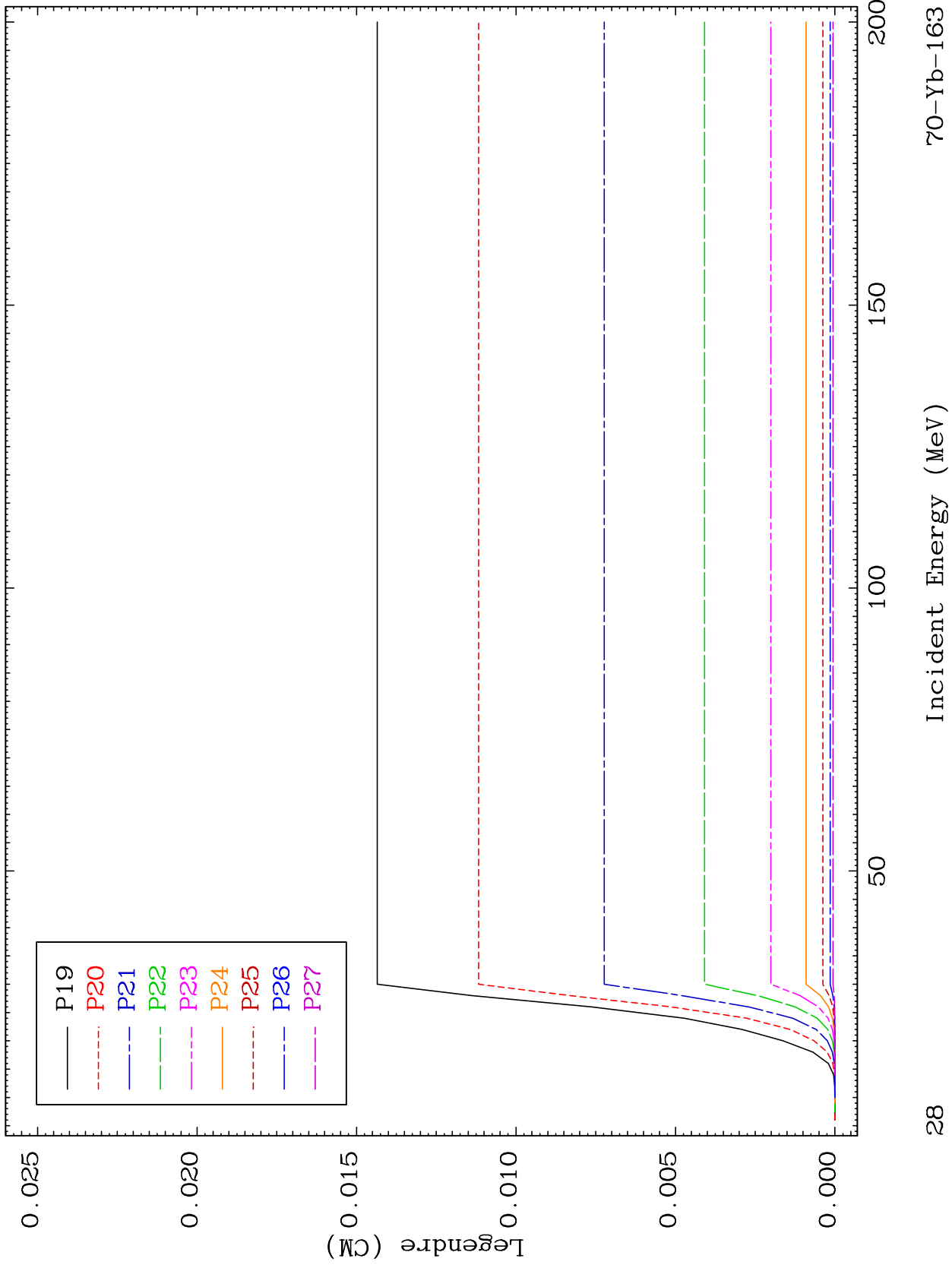




MAT 7010

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

70-Yb-163



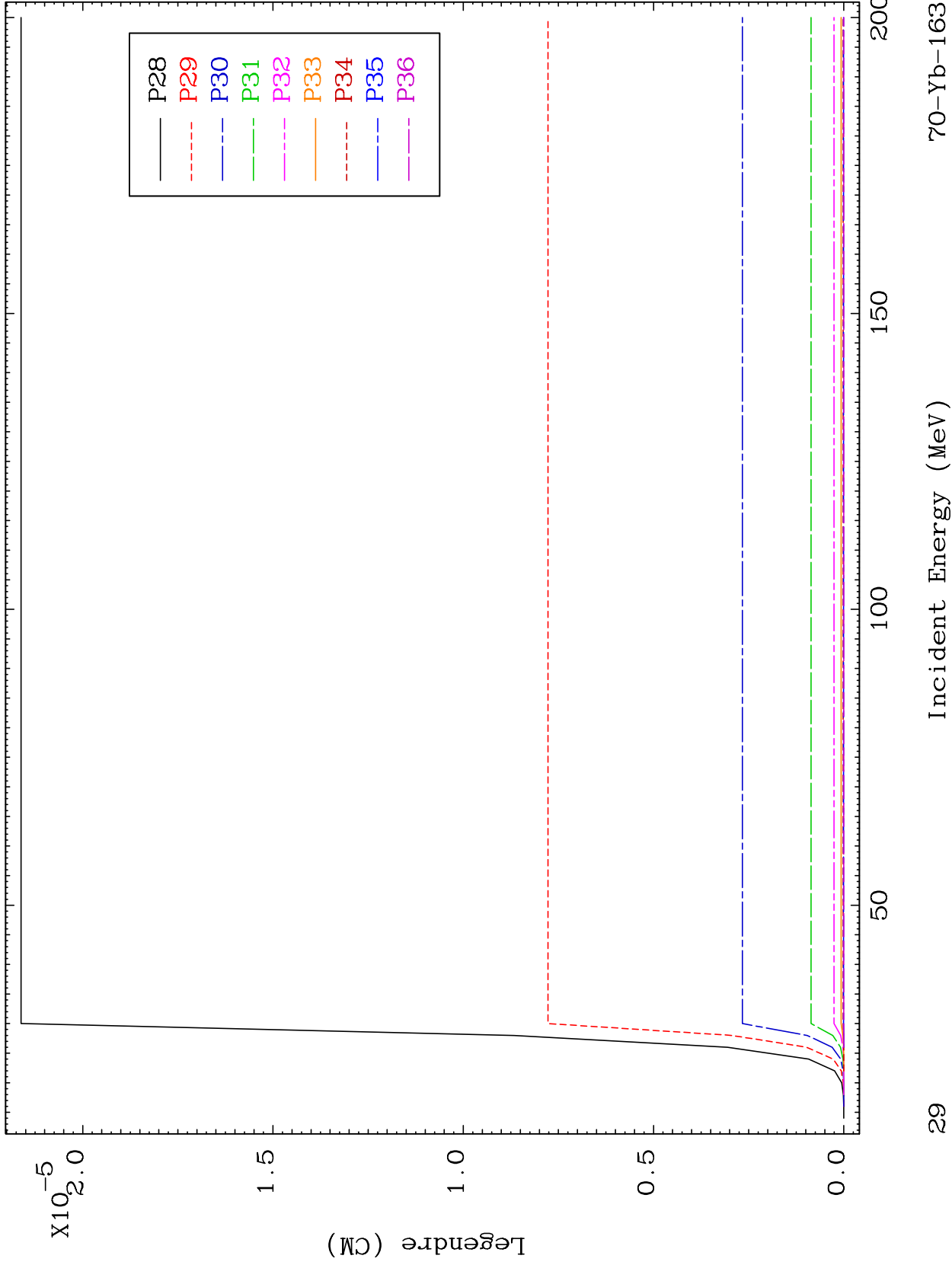
28

70-Yb-163

MAT 7010

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

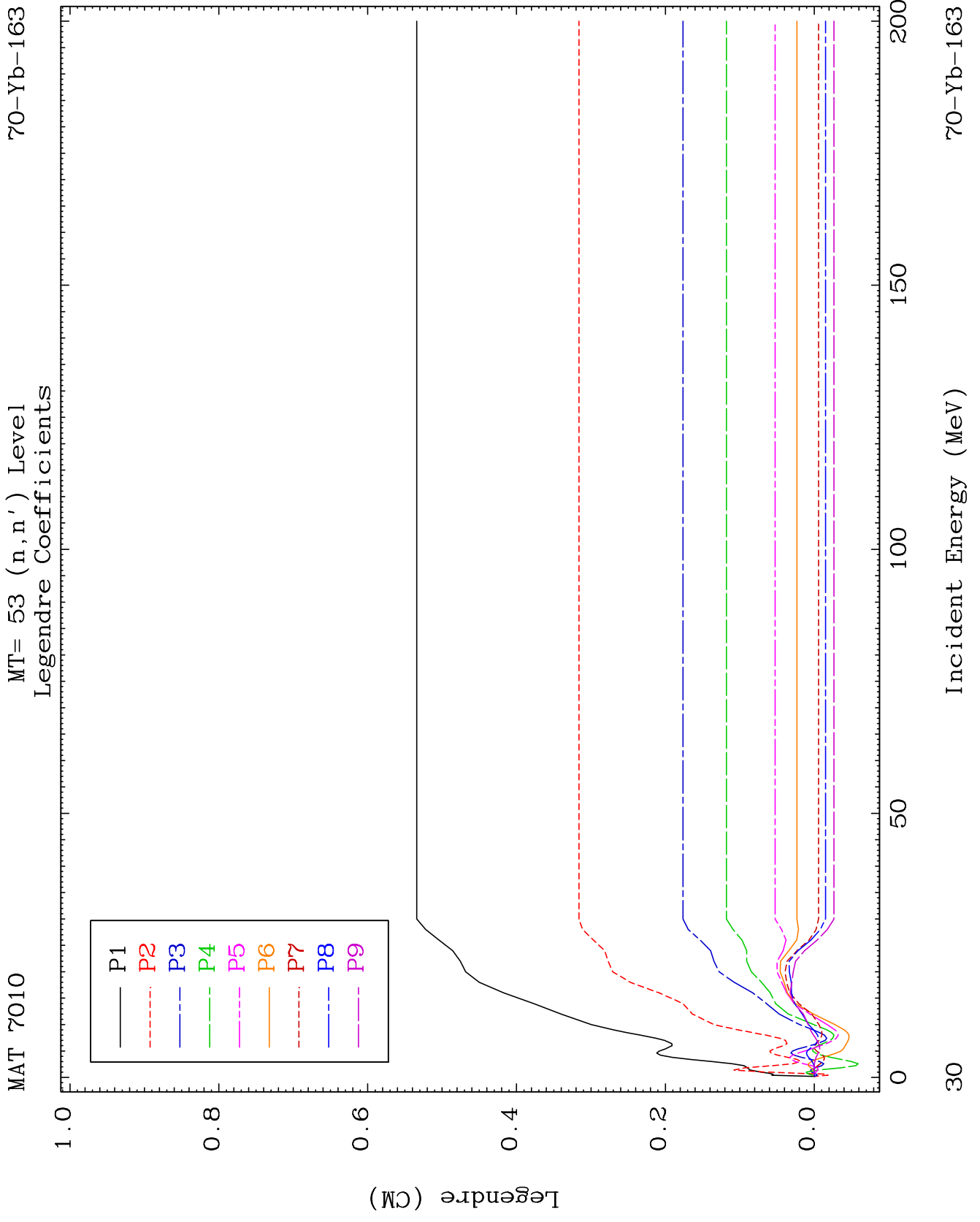
70-Yb-163



29

Incident Energy (MeV)

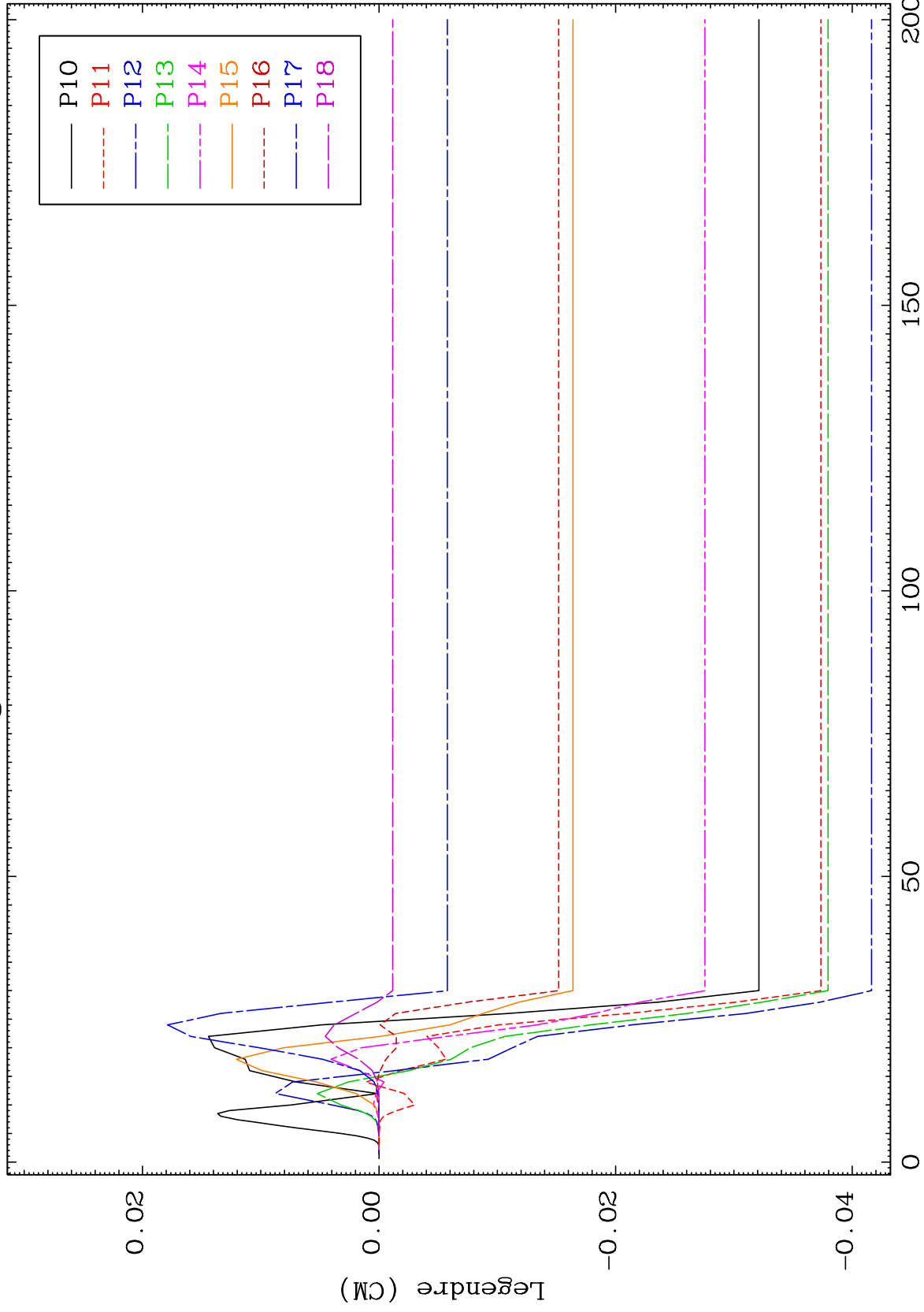
70-Yb-163



MAT 7010

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

70-Yb-163



31

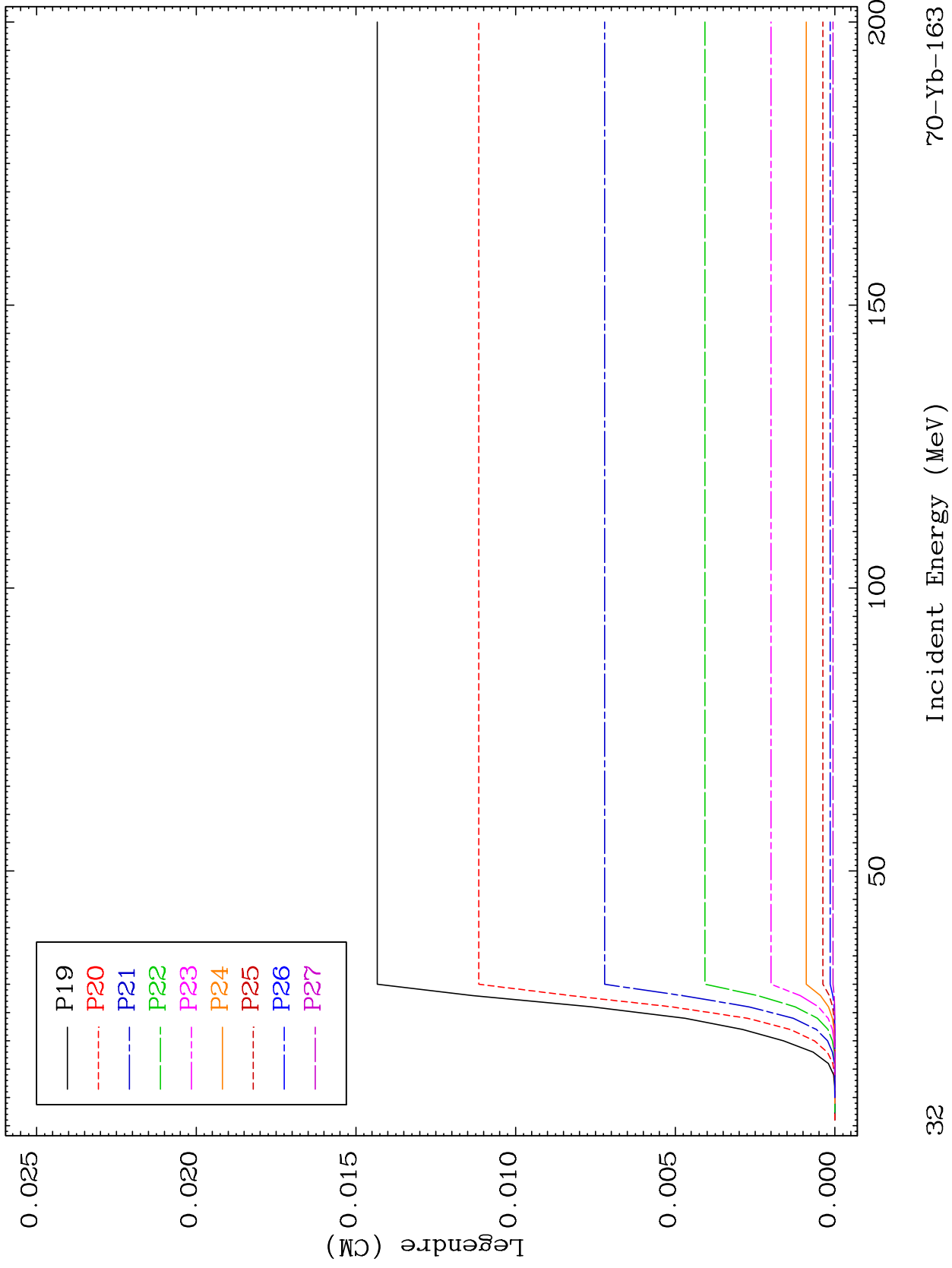
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

70-Yb-163



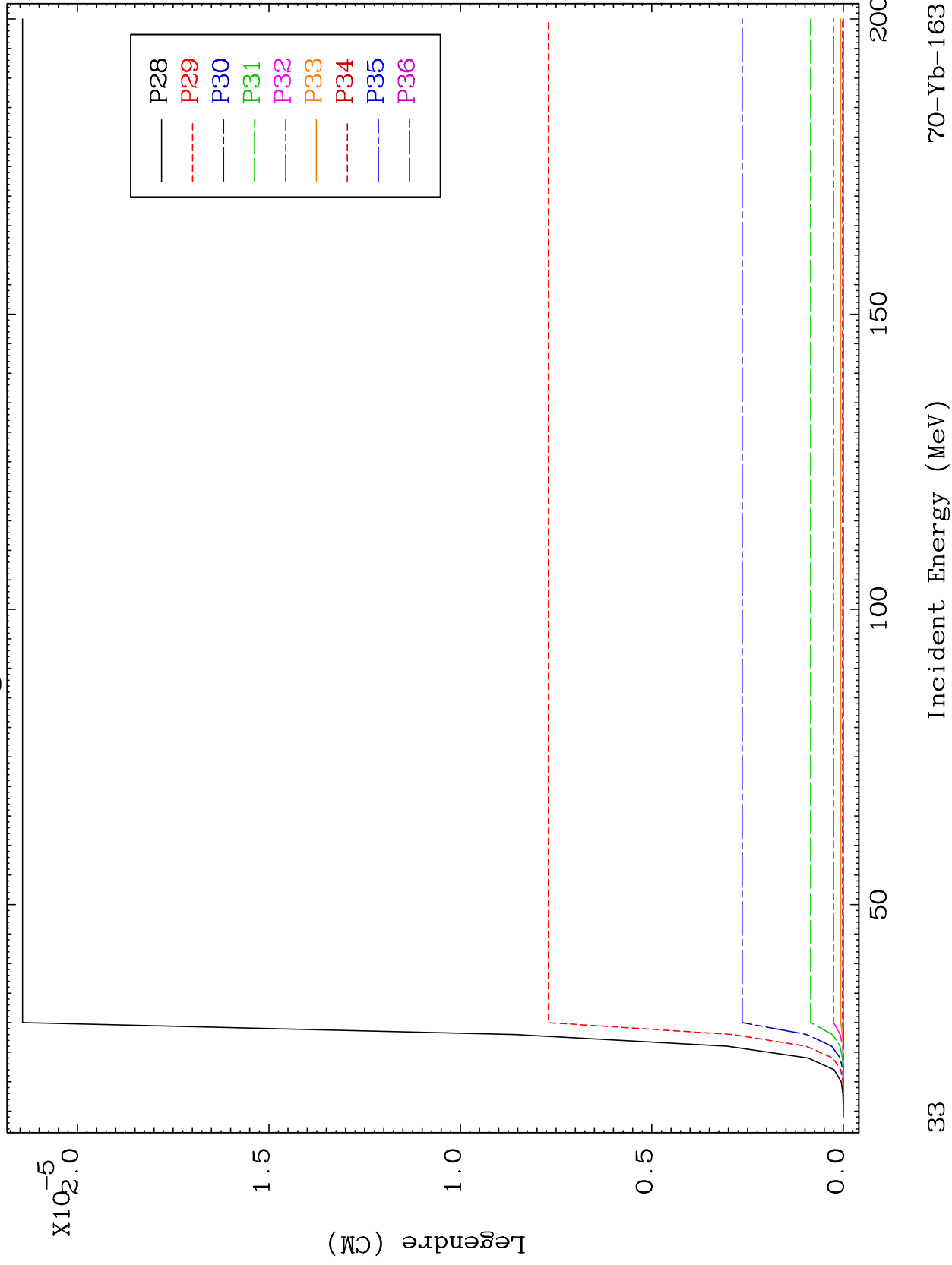
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70-Yb-163

MAT 7010

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

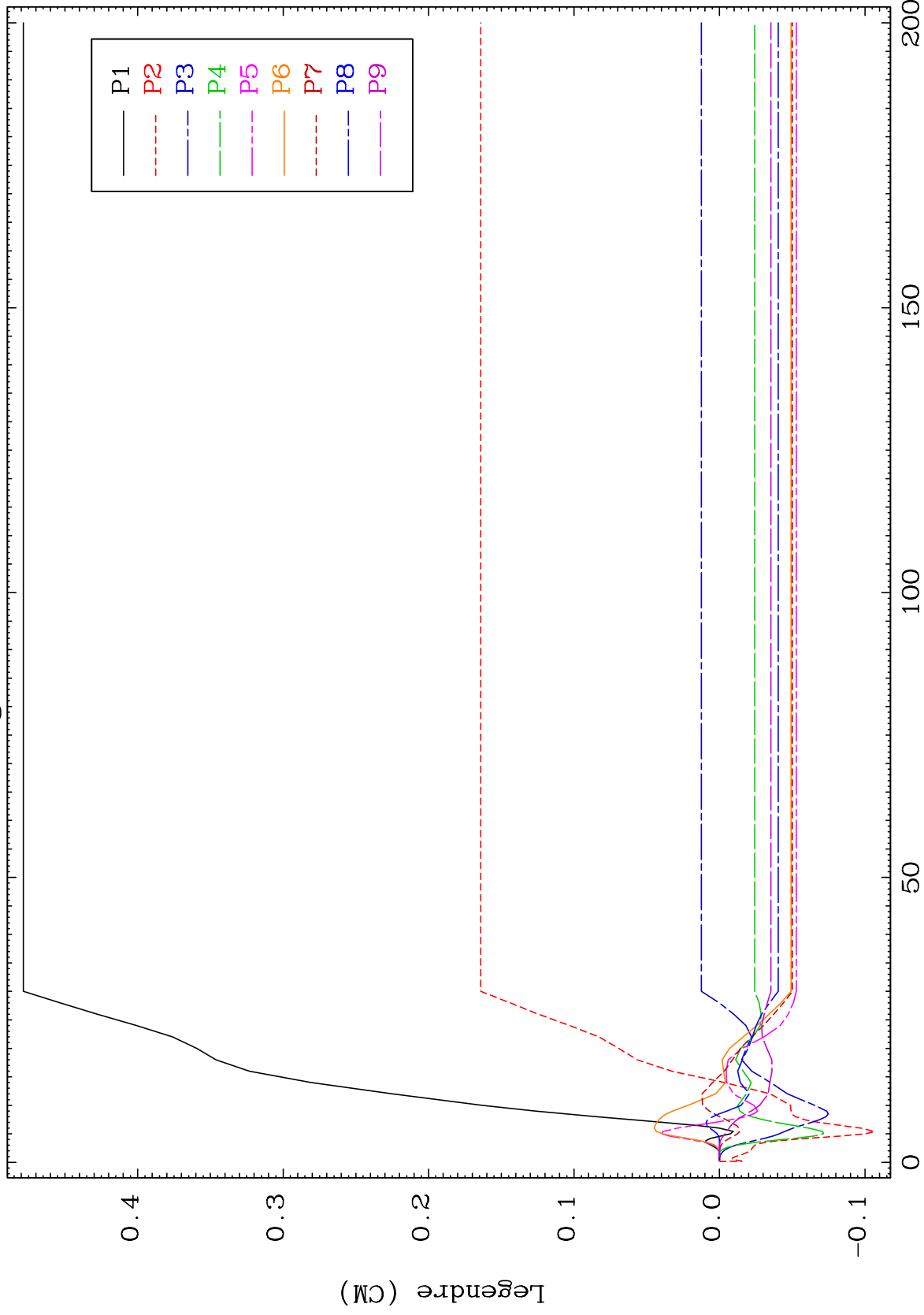
70-Yb-163



MAT 7010

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

70-Yb-163



34

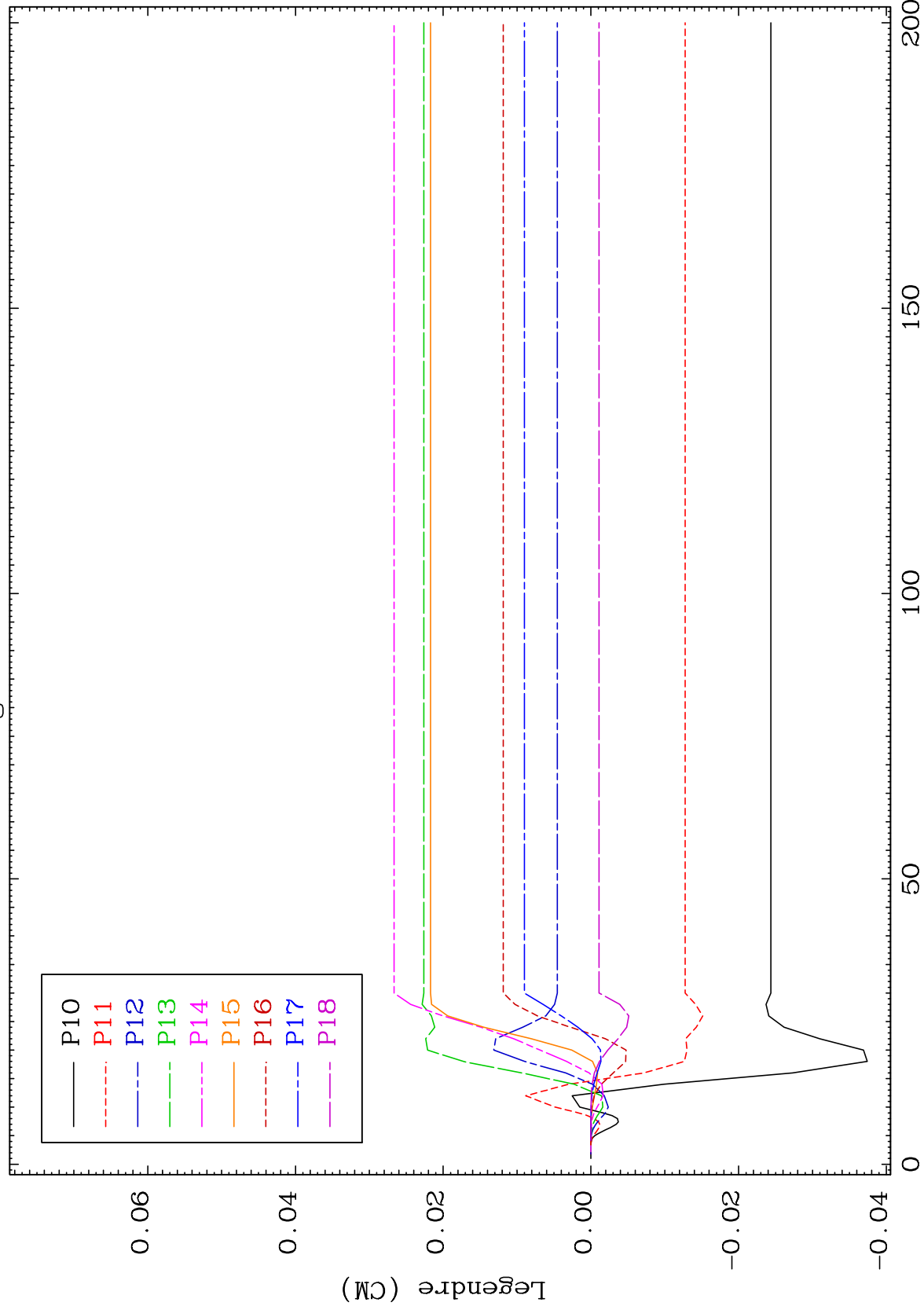
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

70-Yb-163



35

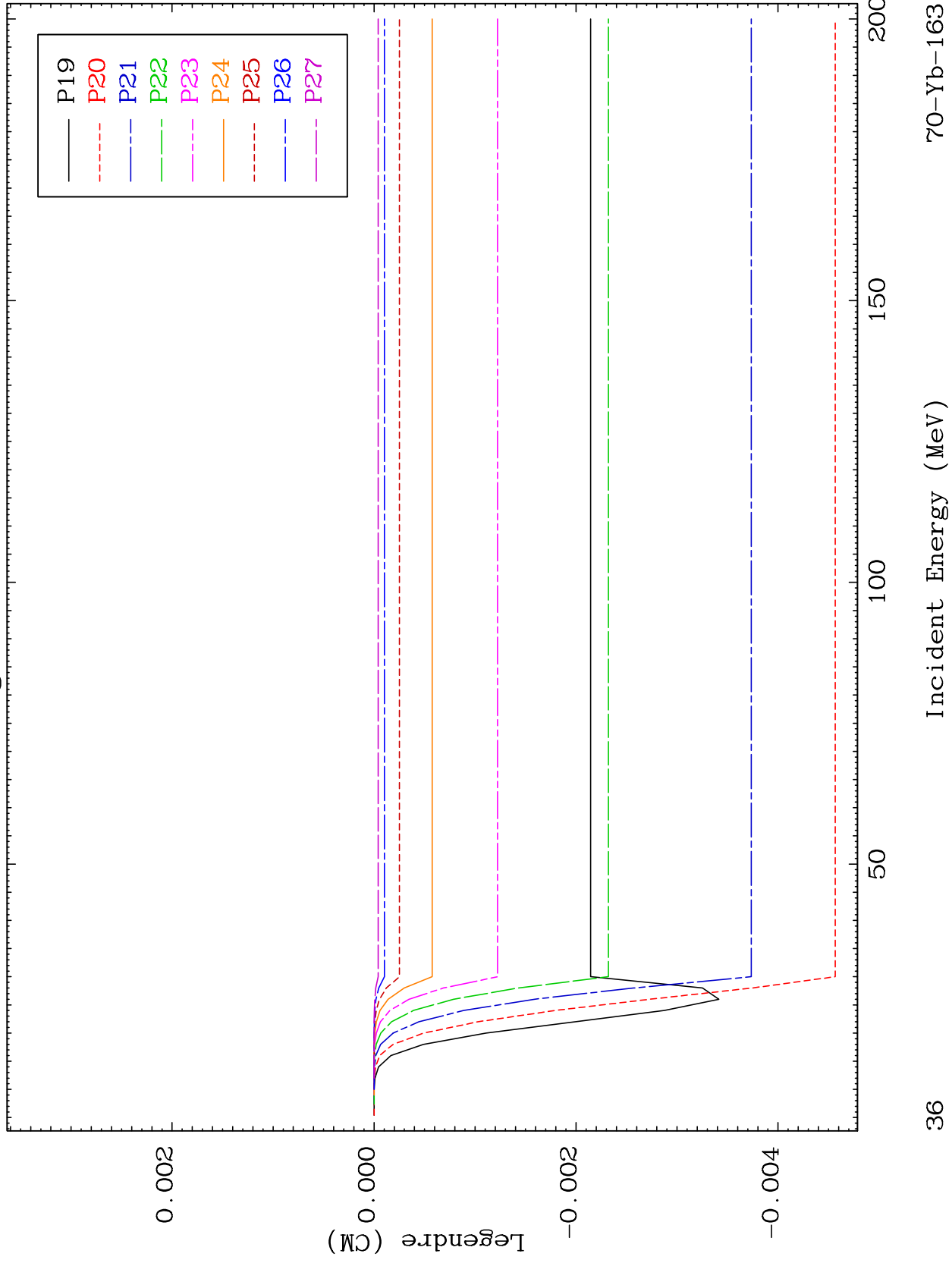
Incident Energy (MeV)

70-Yb-163

MAT 7010

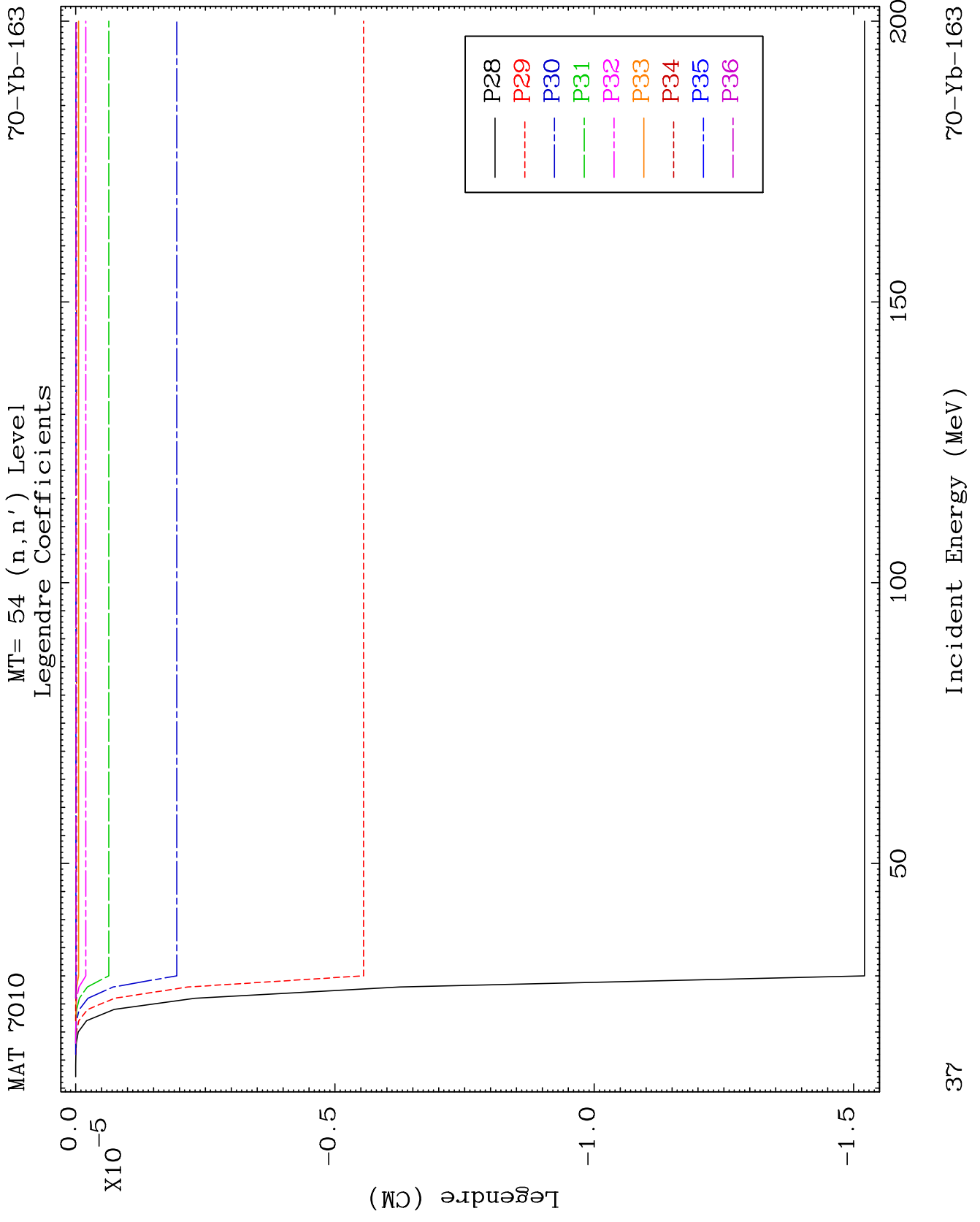
MT= 54 (n,n') Level
Legendre Coefficients

70-Yb-163



36

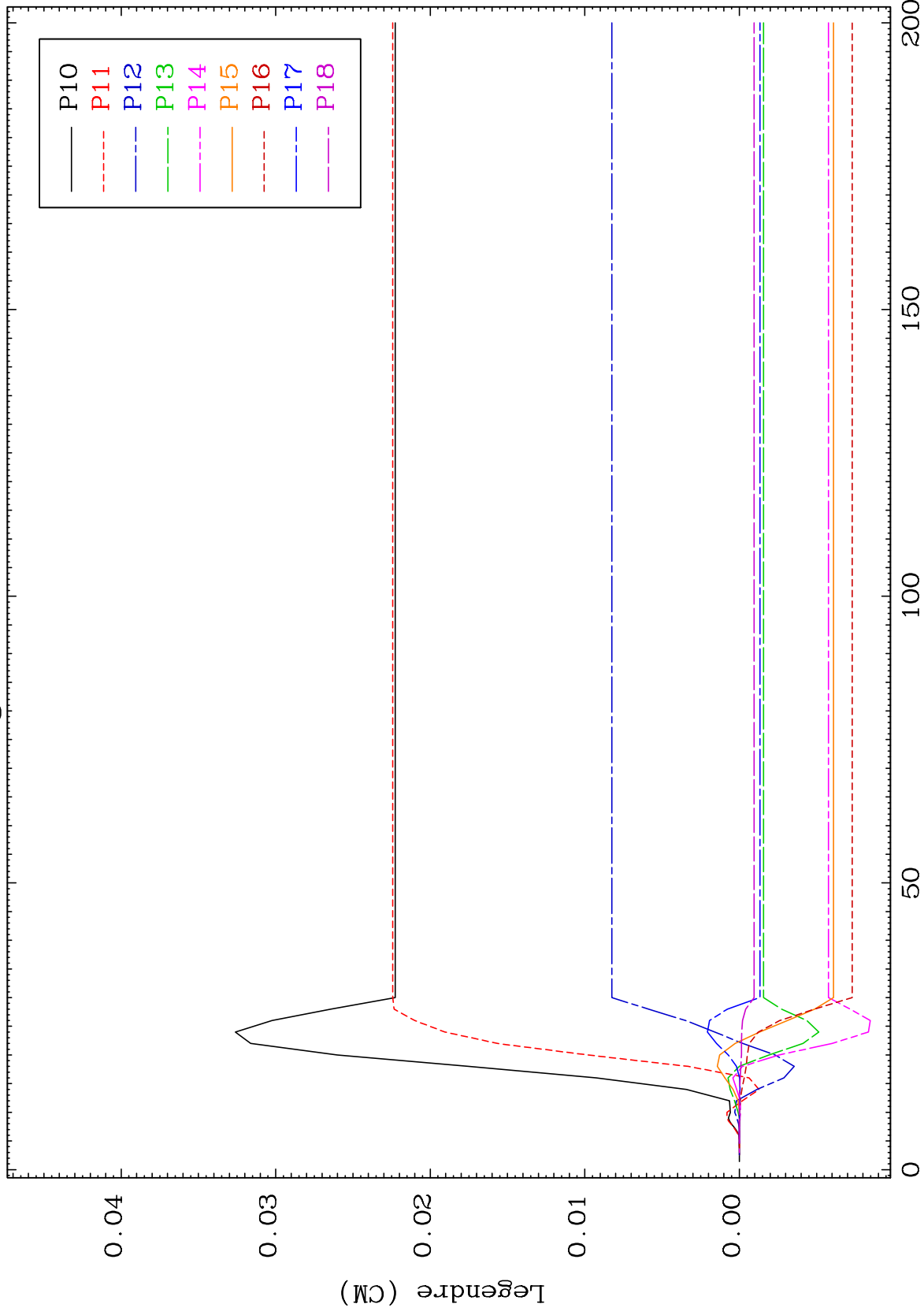
70-Yb-163



MAT 7010

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

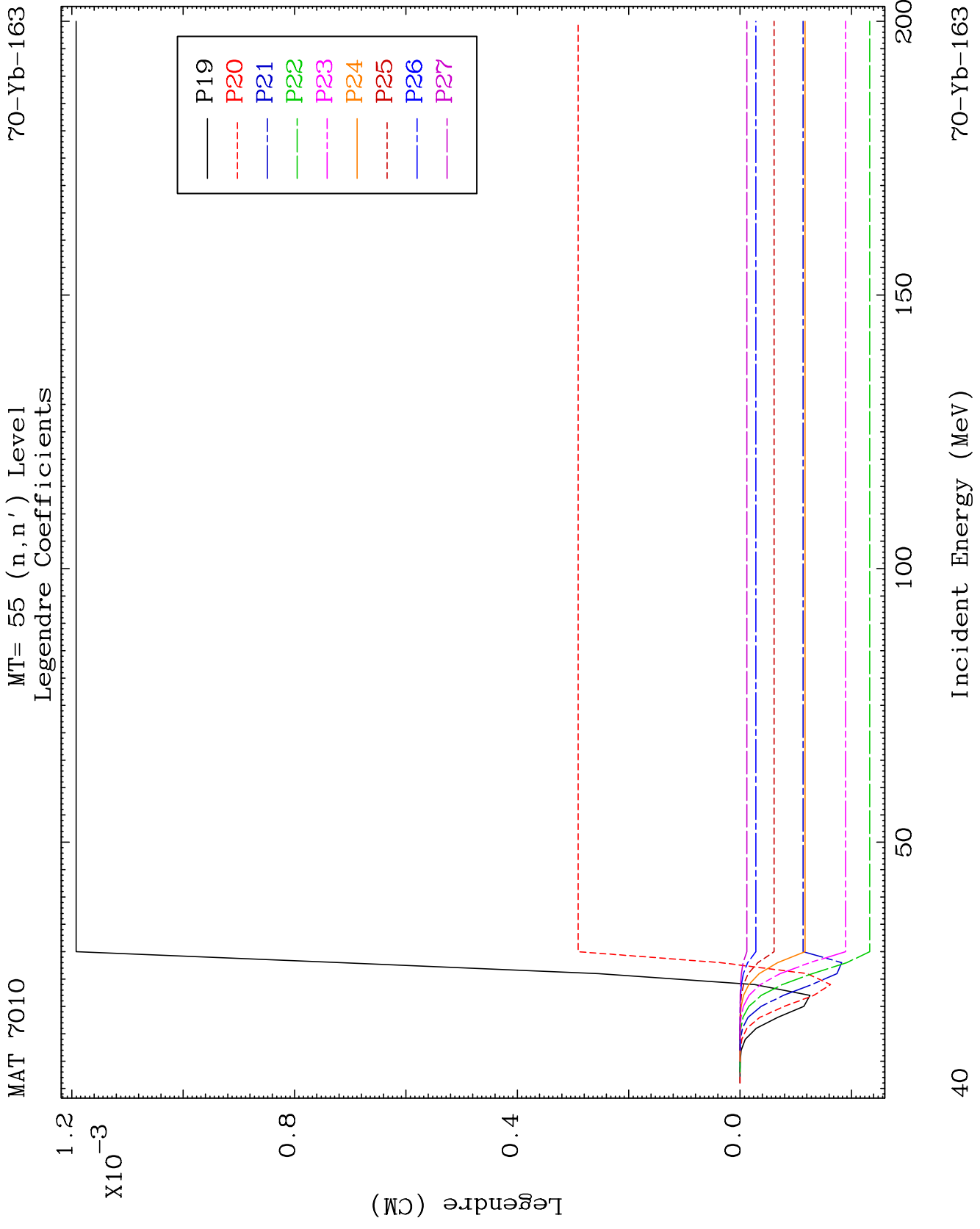
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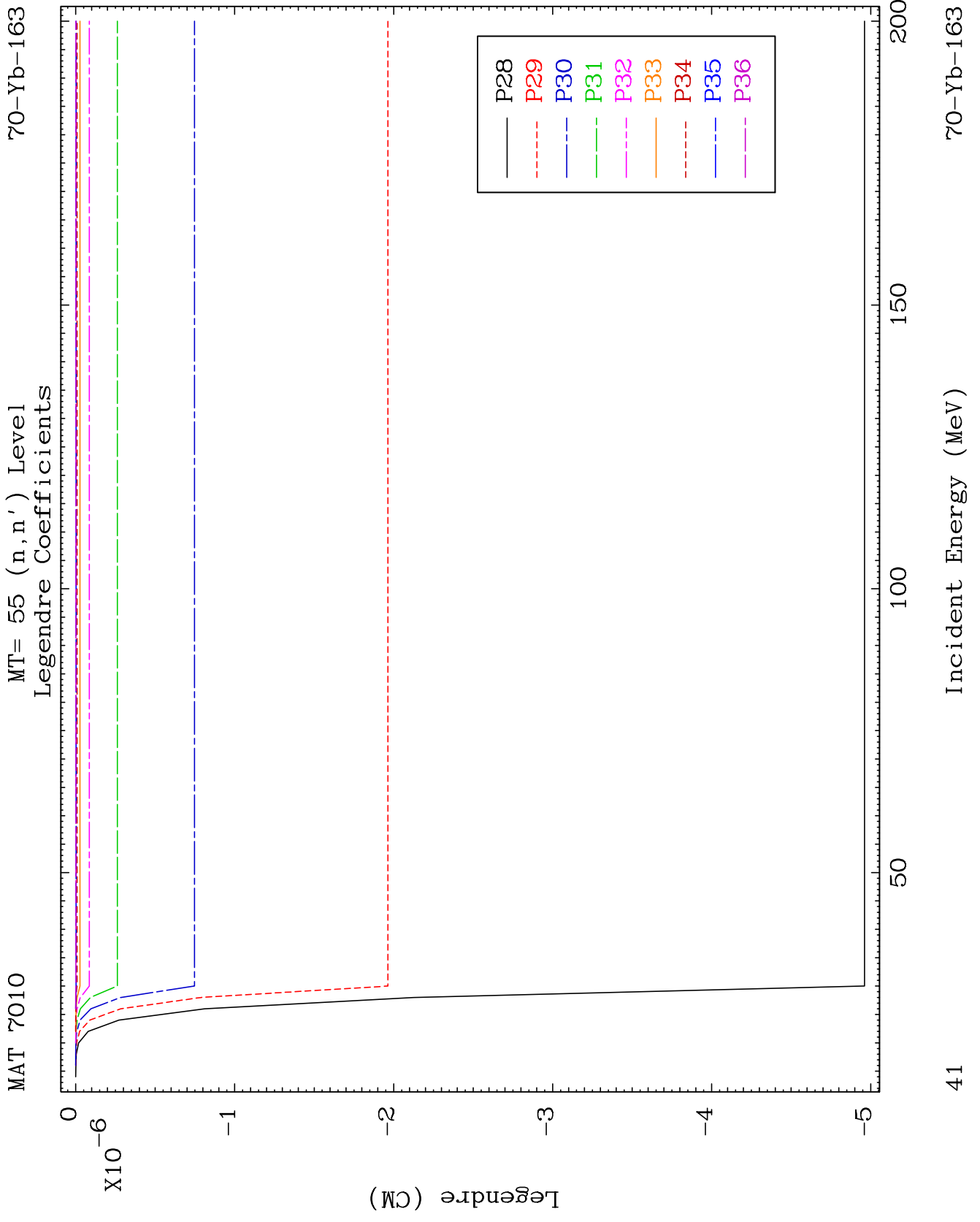


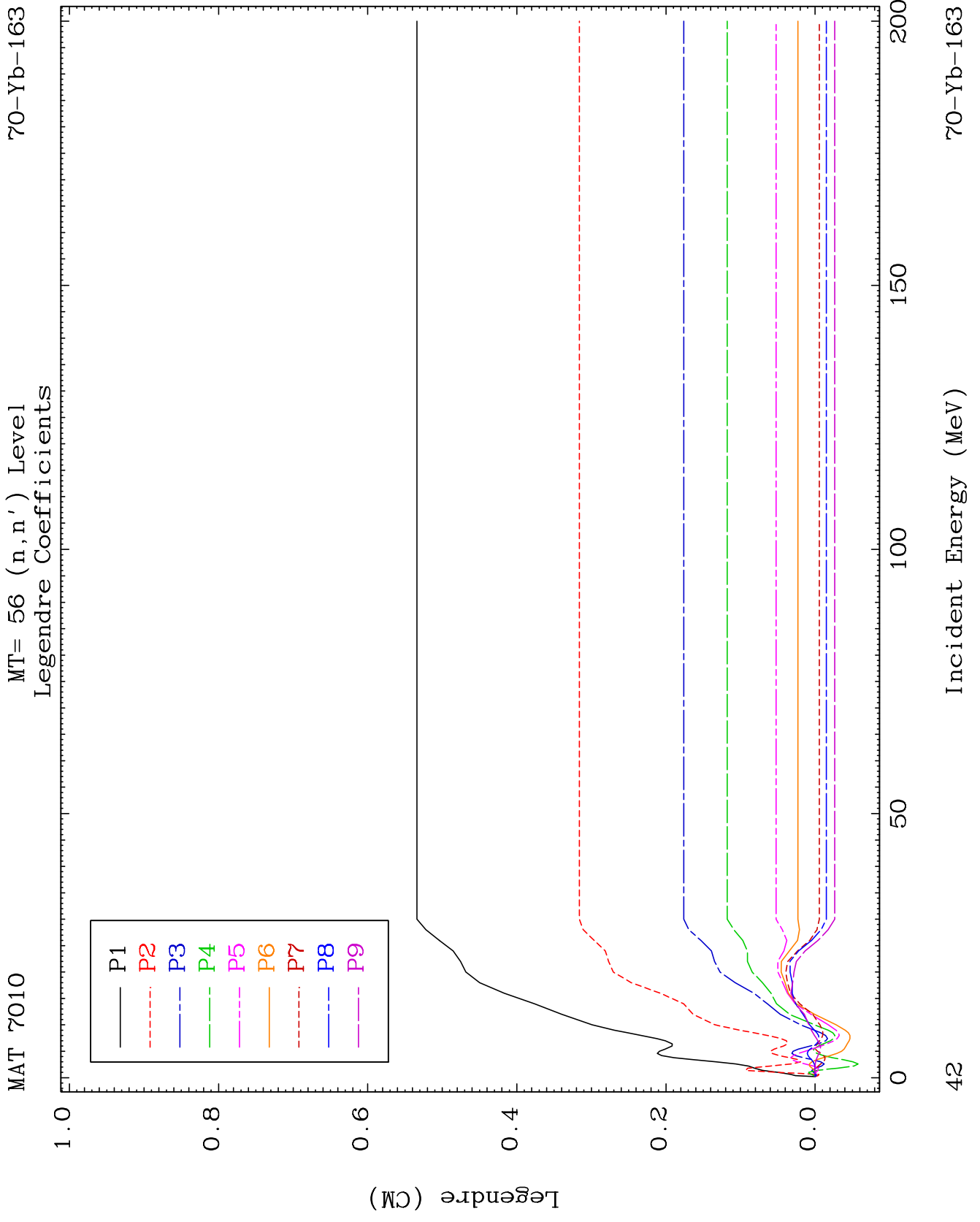
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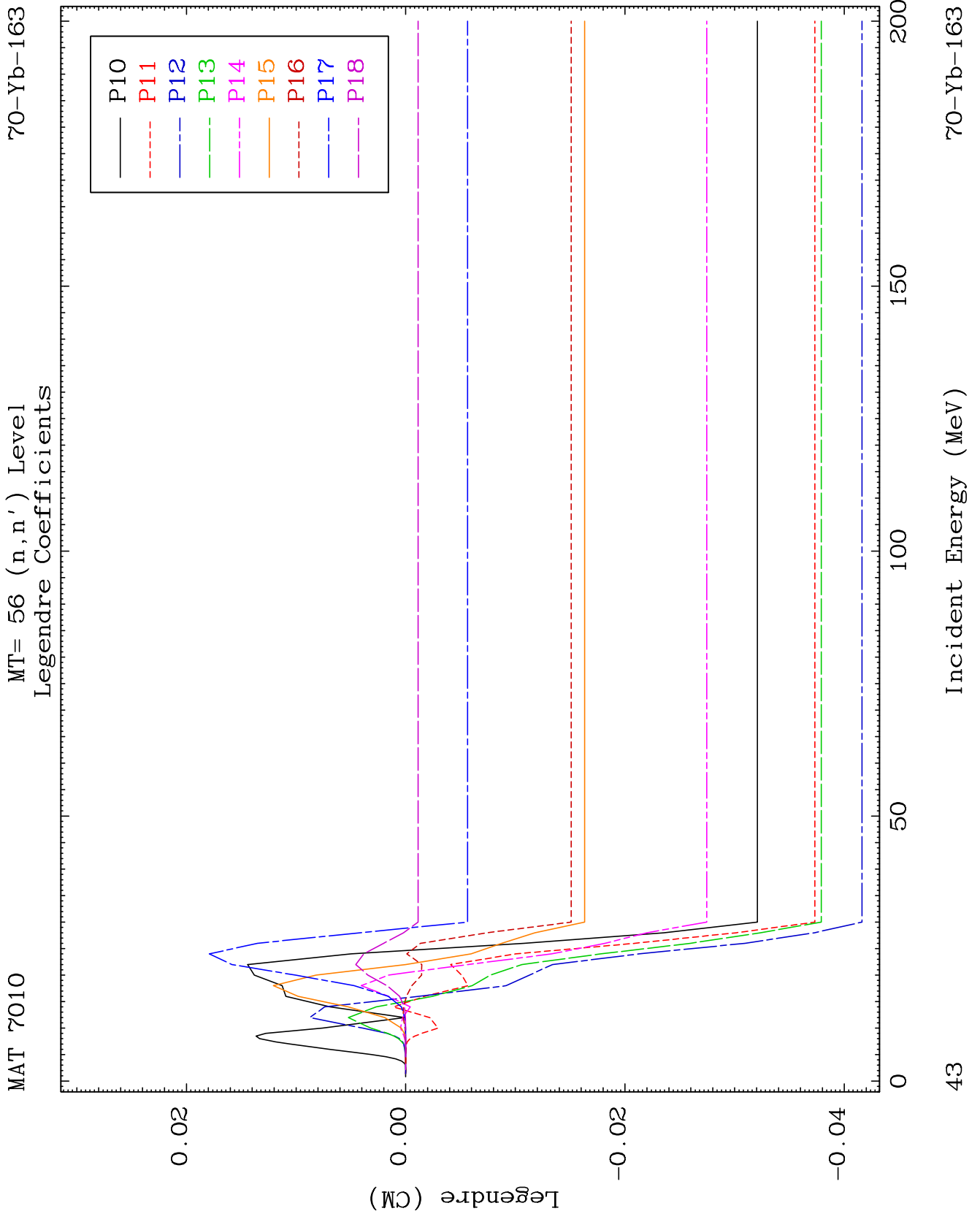
Incident Energy (MeV)

70-Yb-163





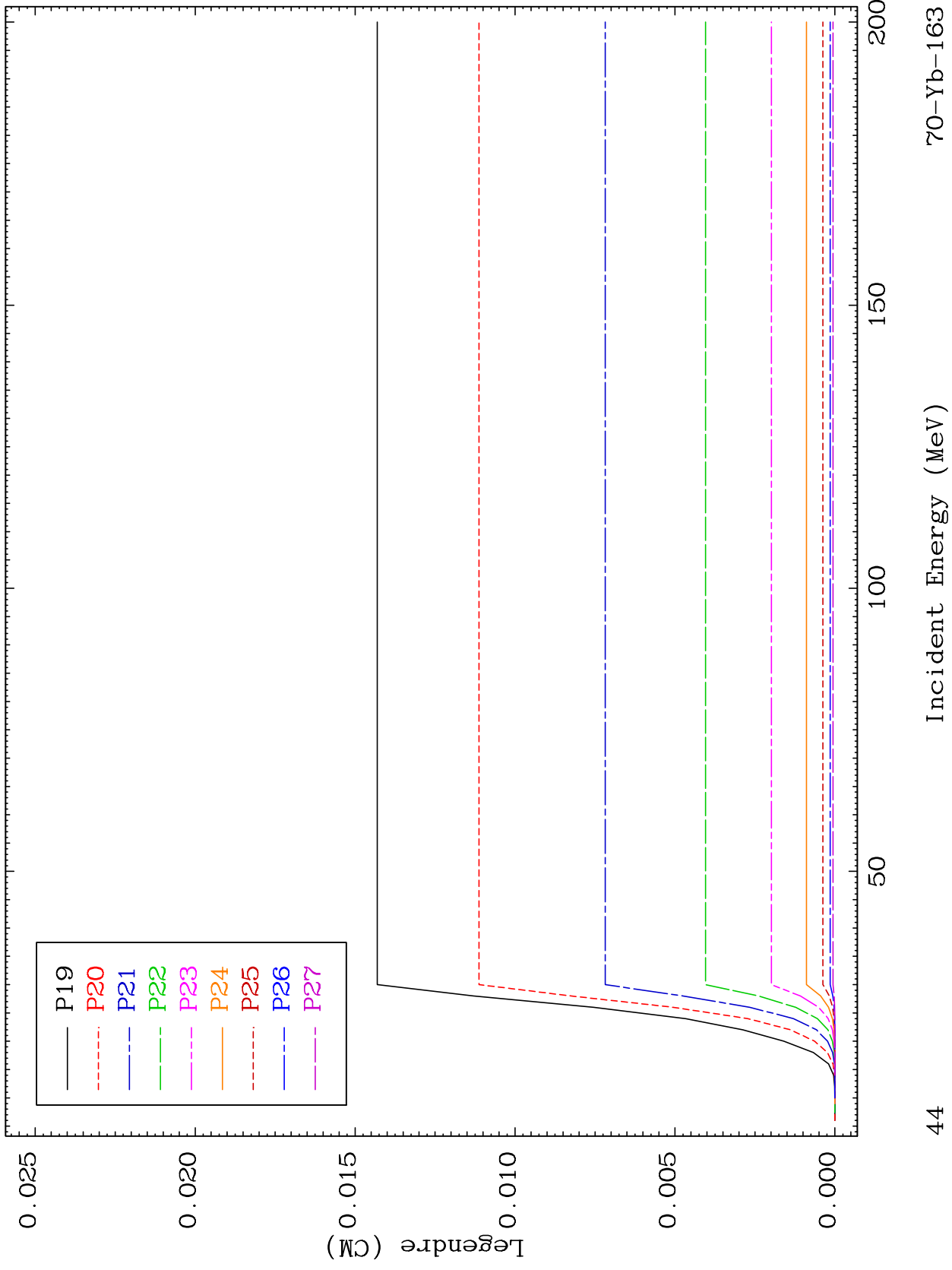




MAT 7010

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

70-Yb-163



44

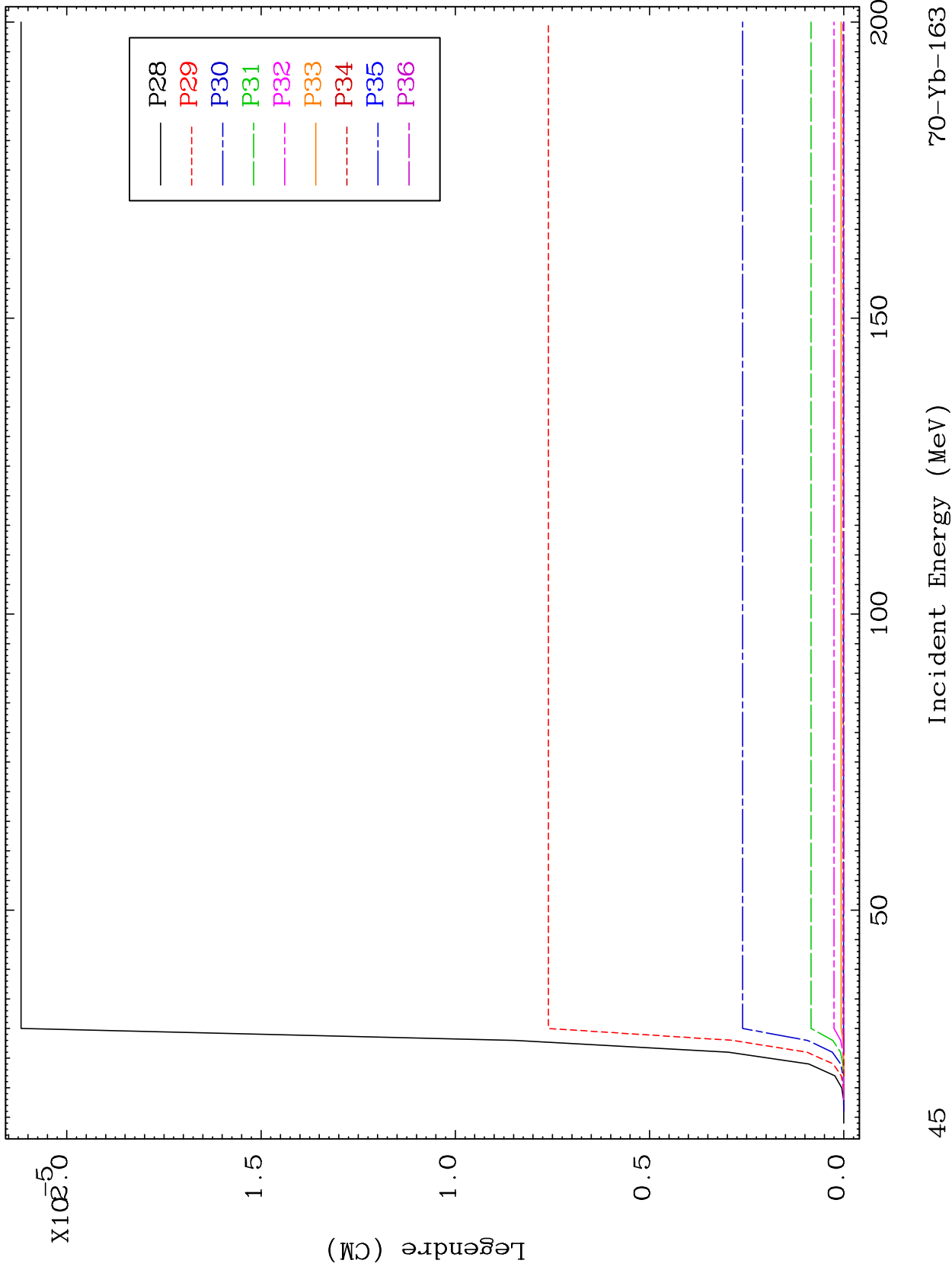
Incident Energy (MeV)

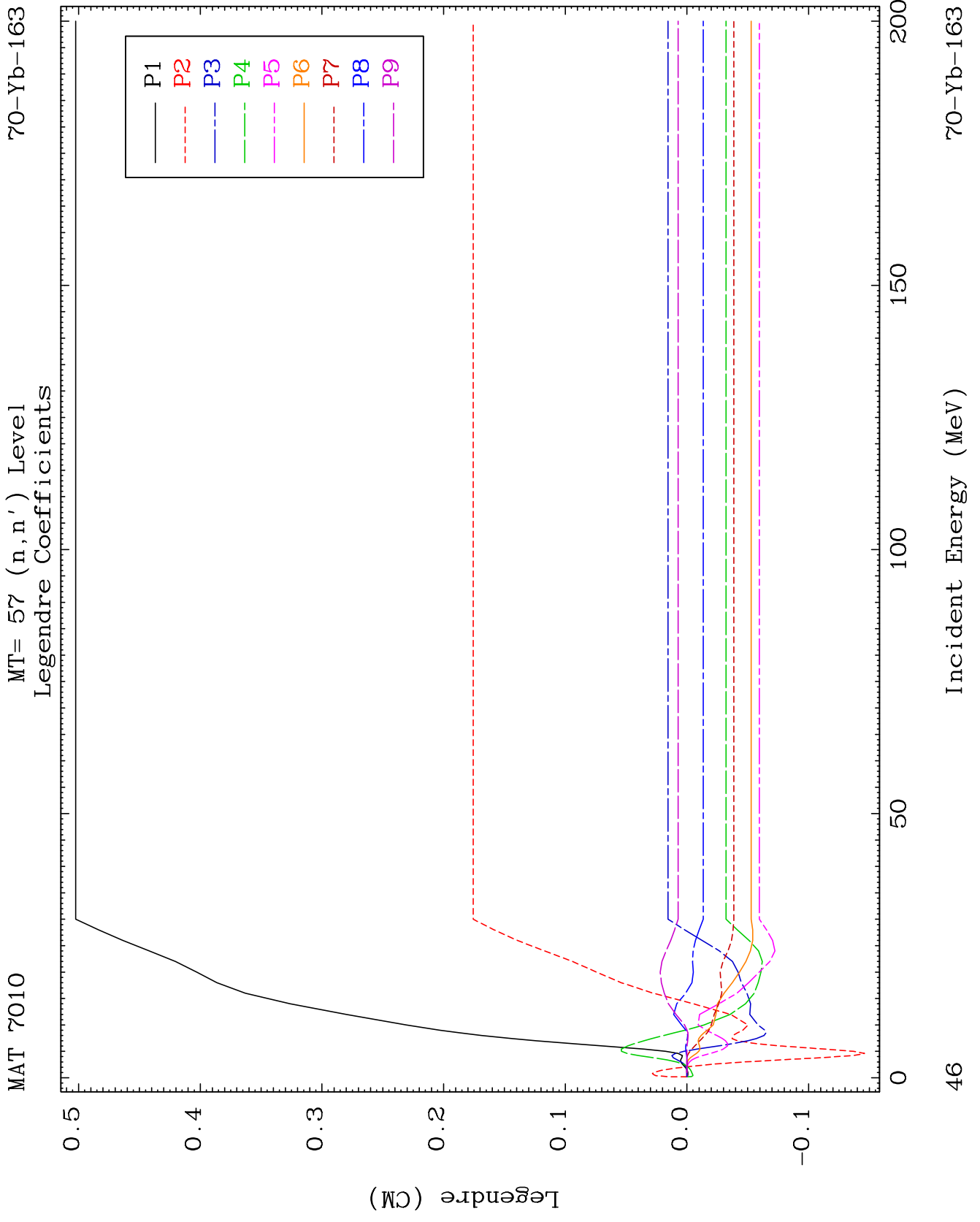
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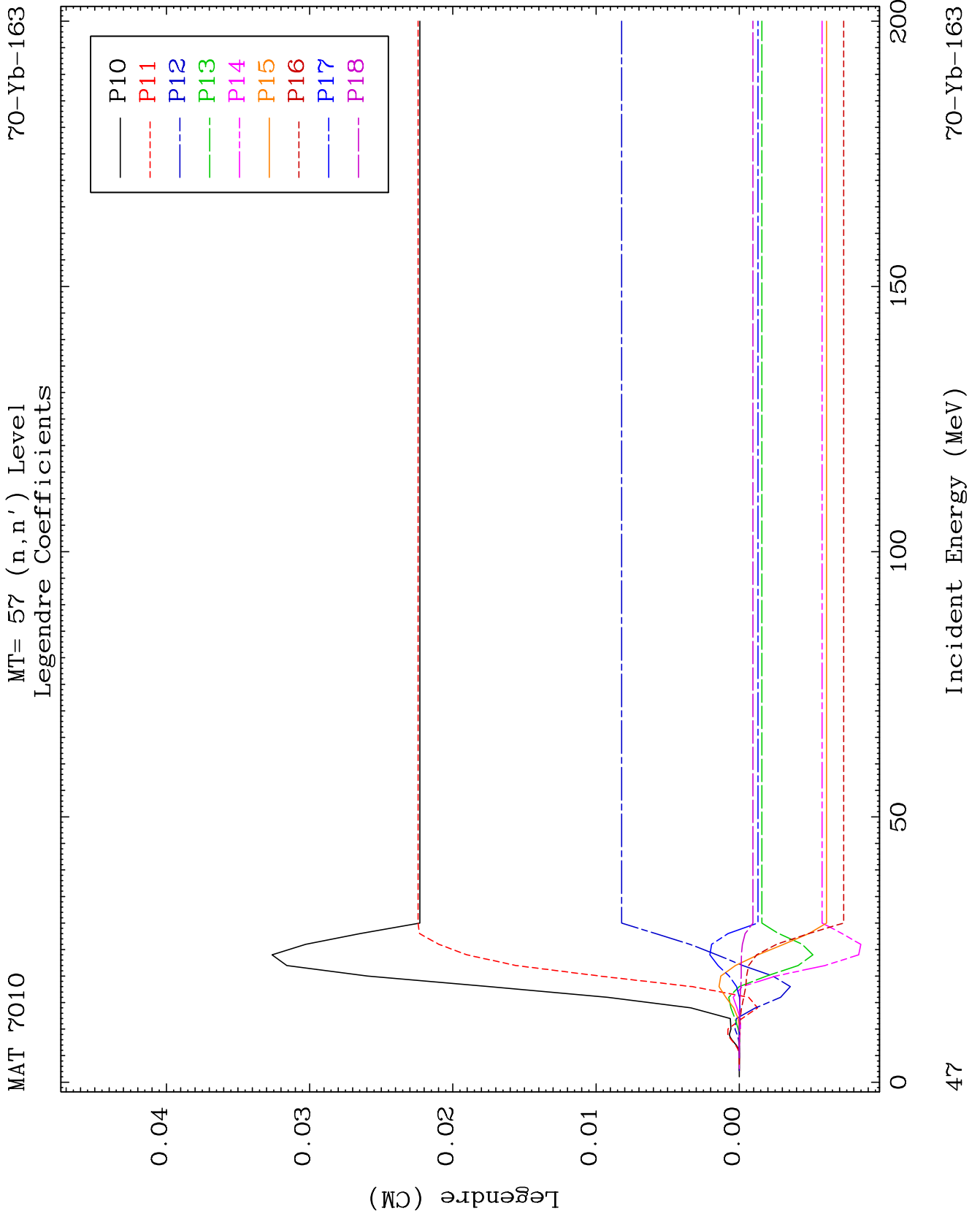
MAT 7010

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

70-Yb-163



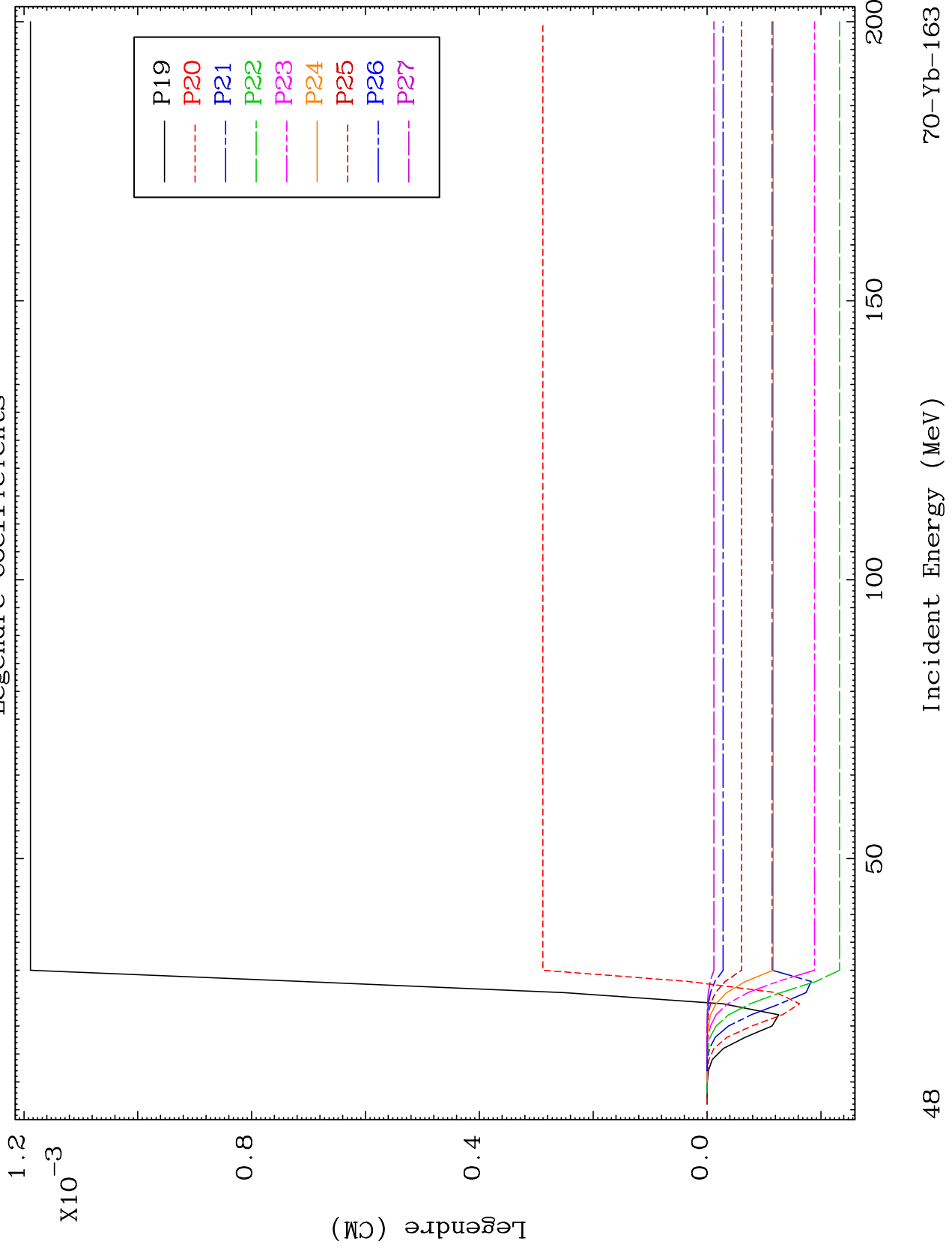




MAT 7010

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

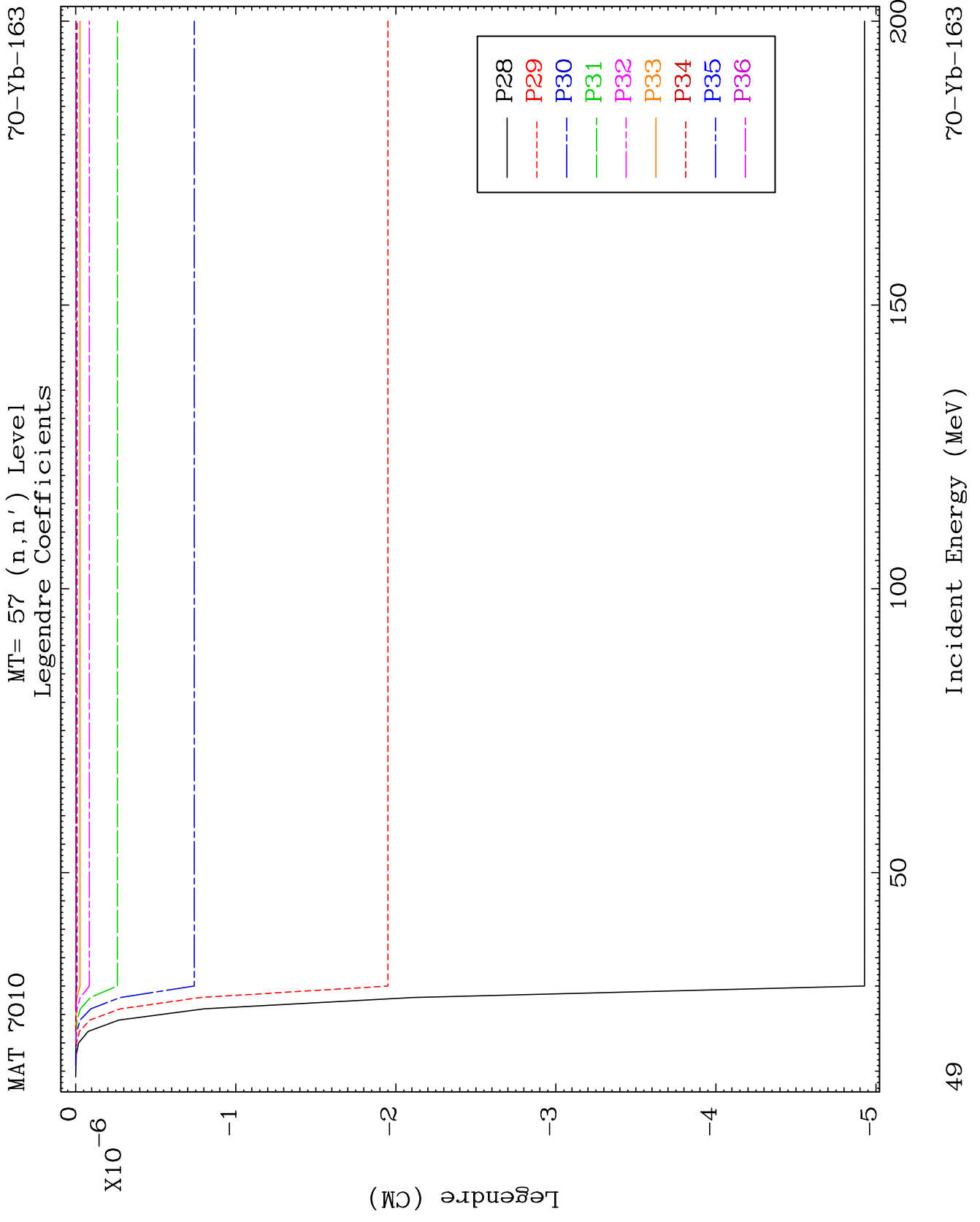
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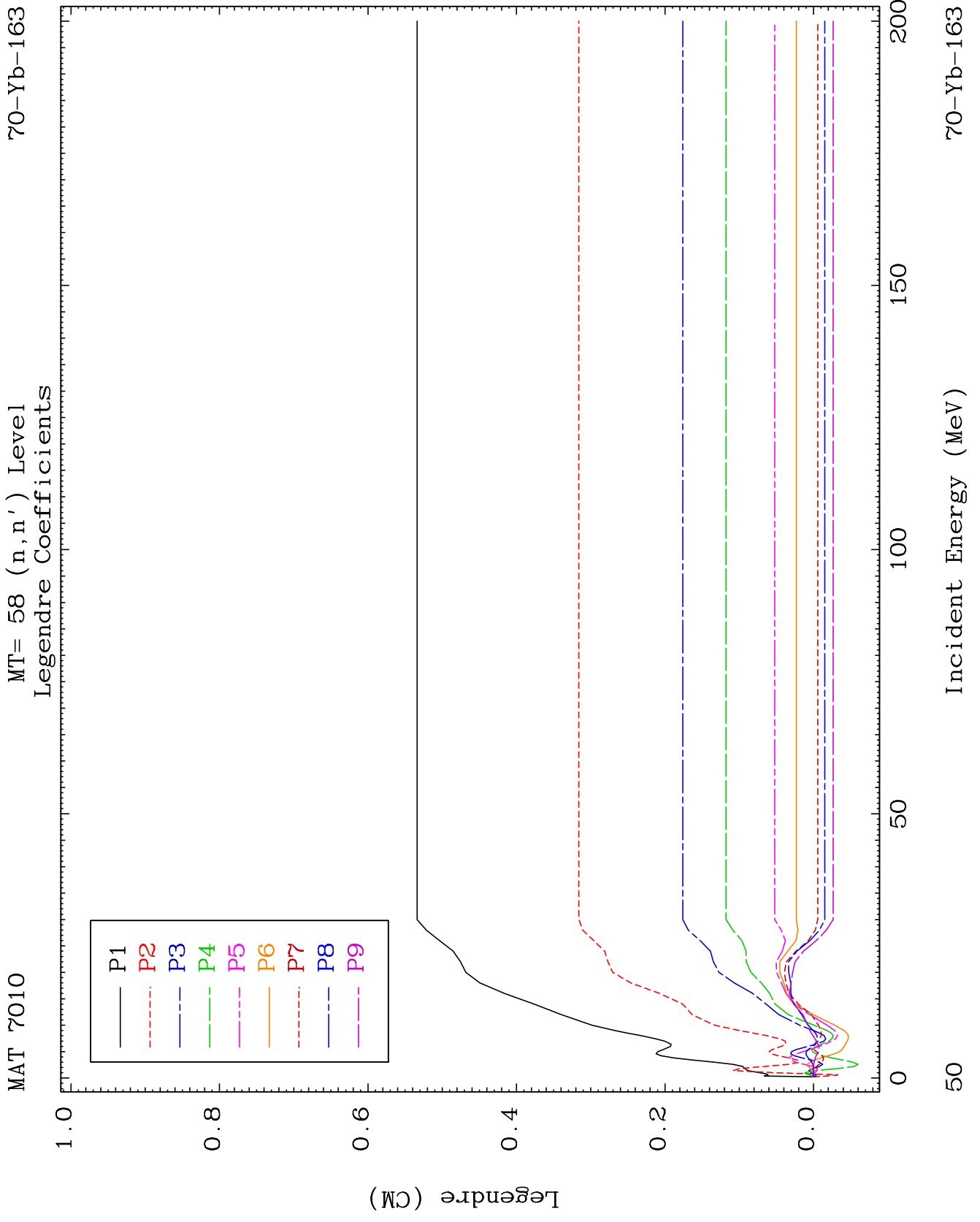


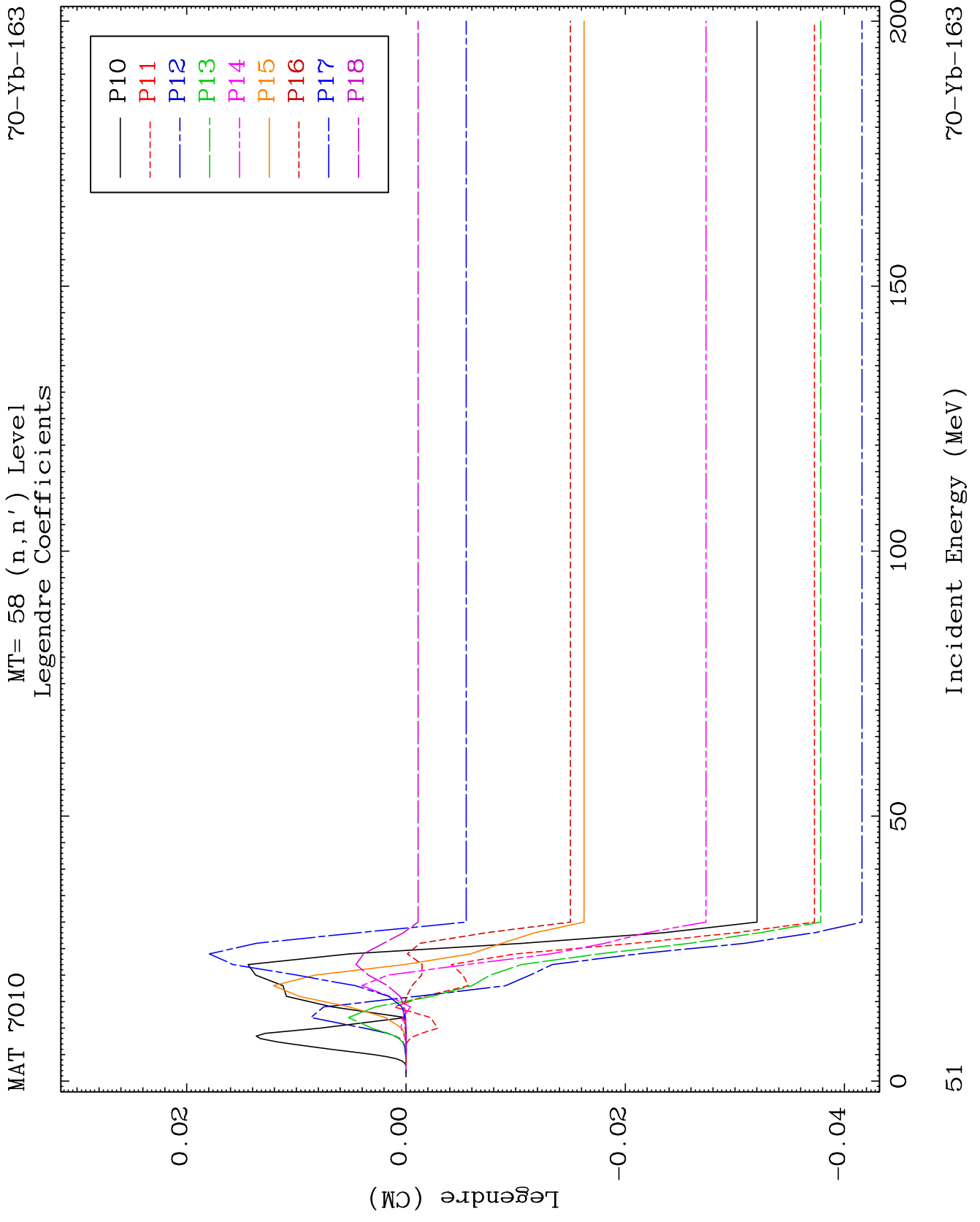
70-Yb-163

Incident Energy (MeV)

48



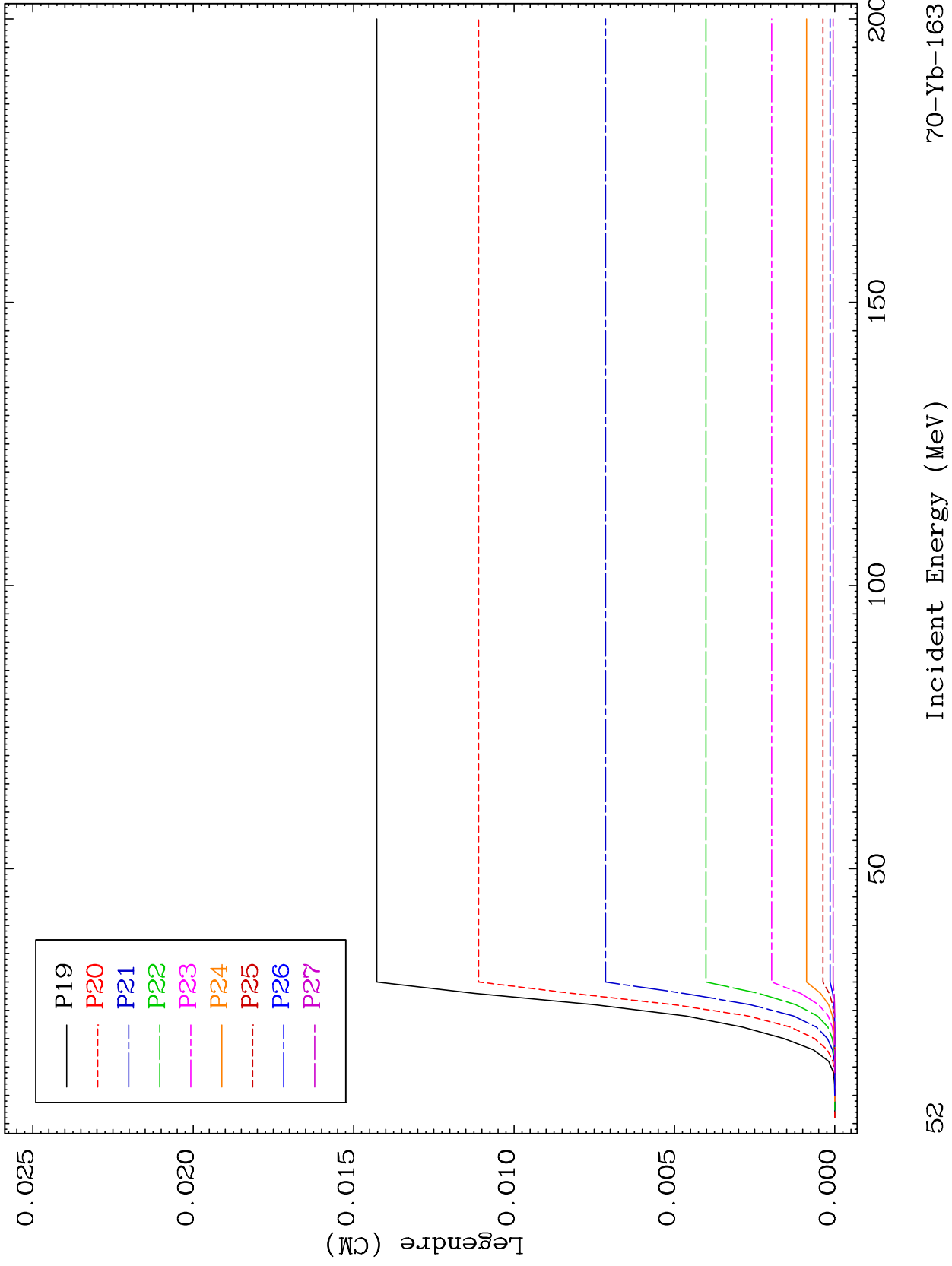




MAT 7010

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

70-Yb-163



52

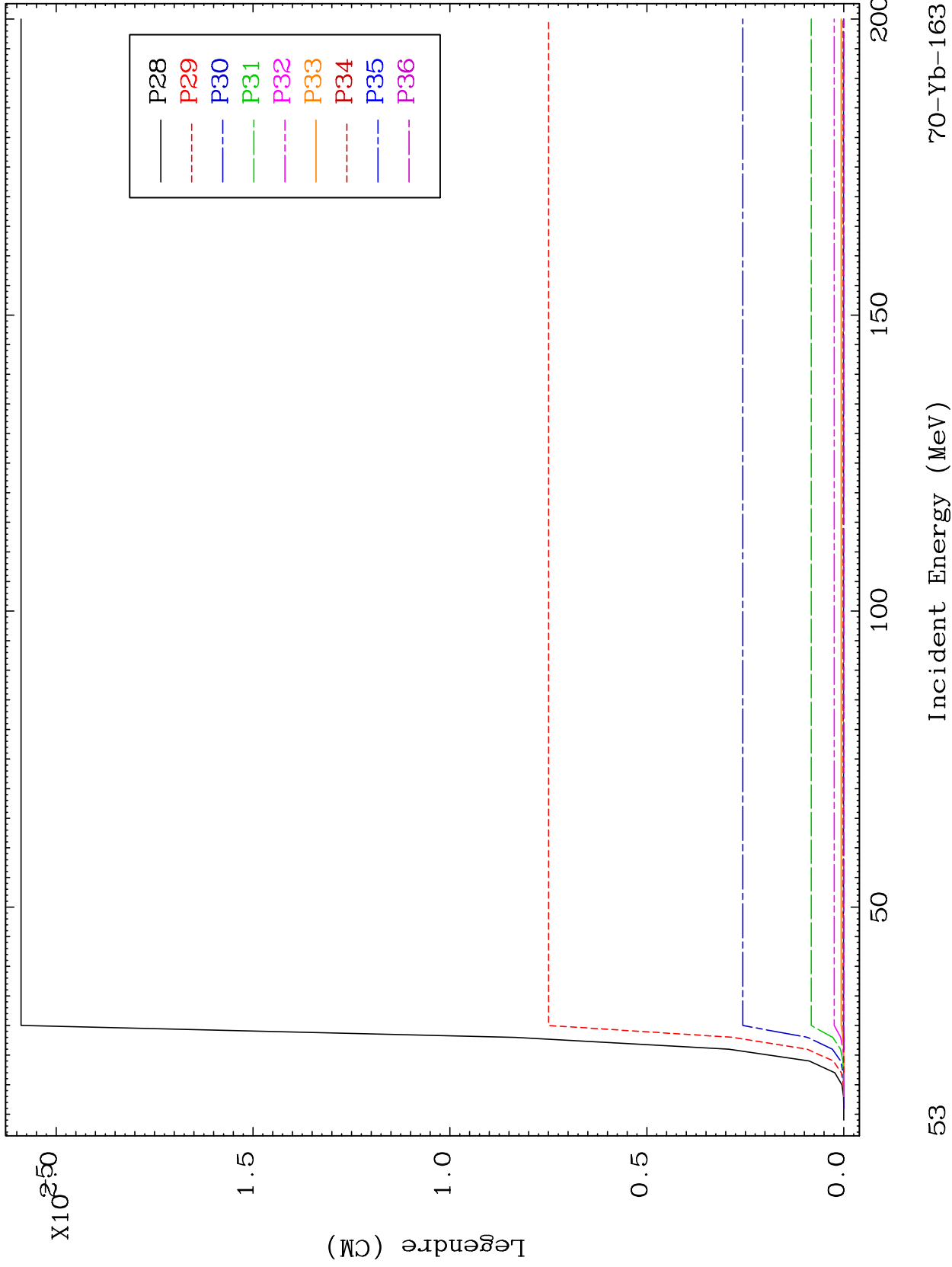
Incident Energy (MeV)

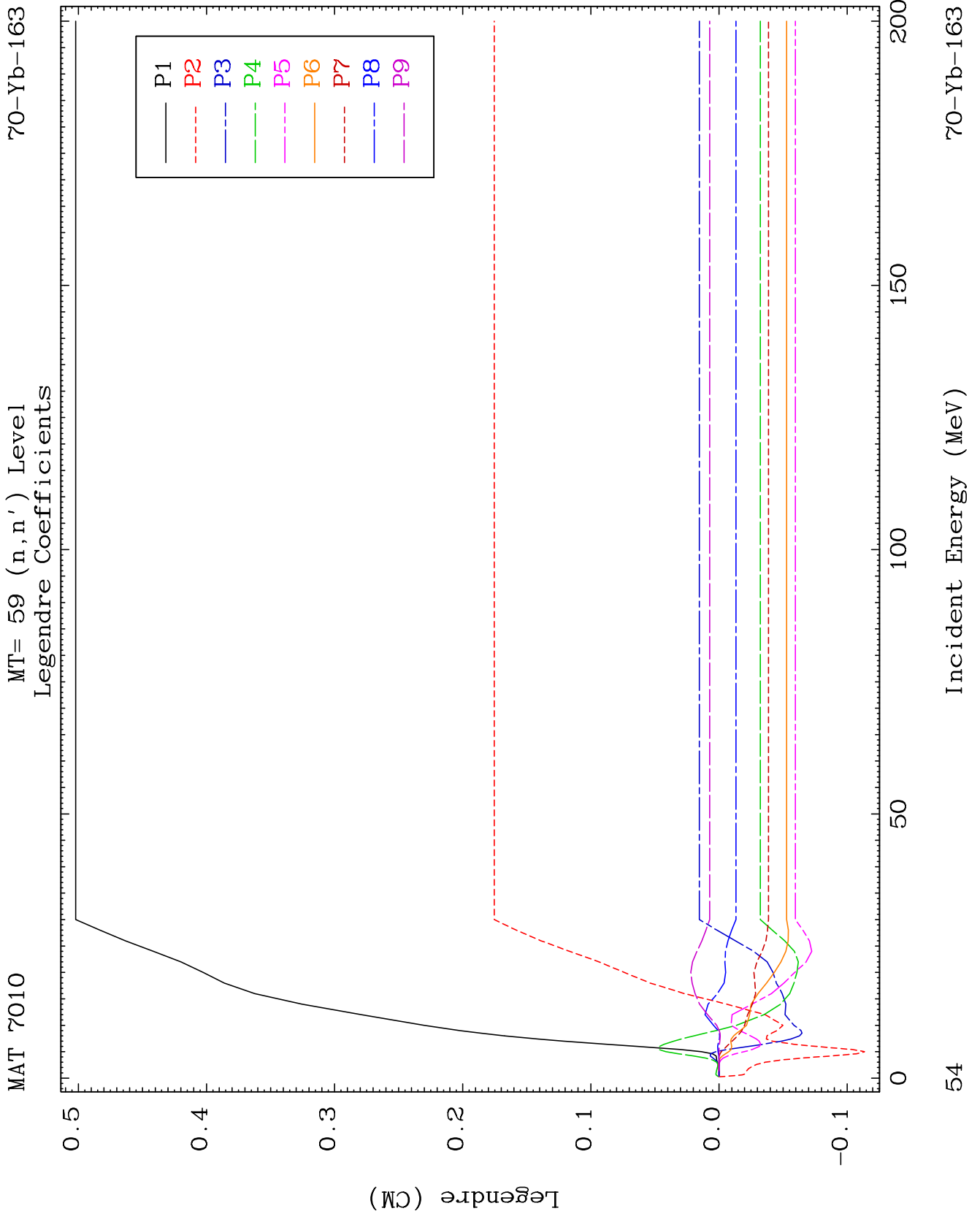
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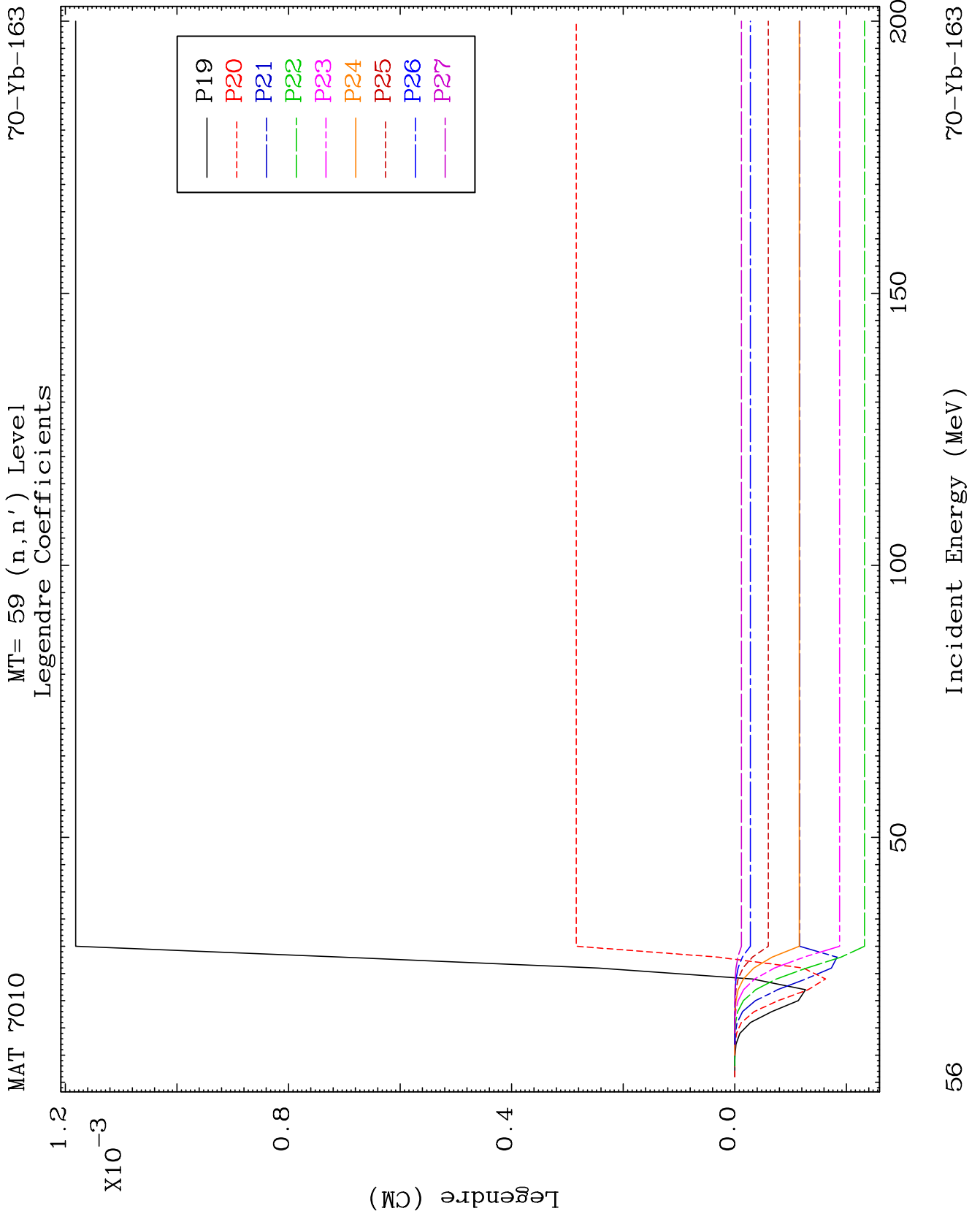
MAT 7010

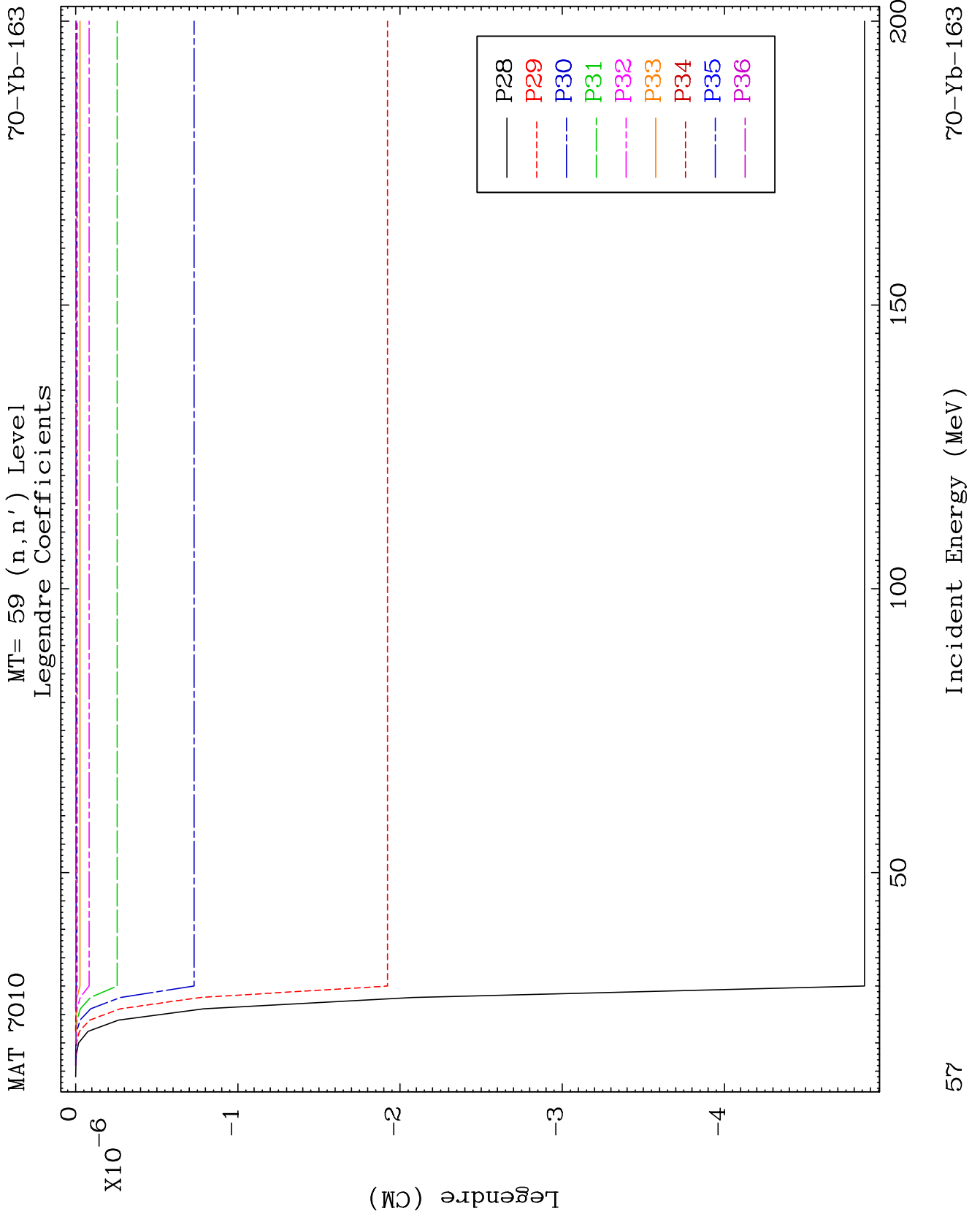
MT= 58 (n,n') Level
Legendre Coefficients

70-Yb-163





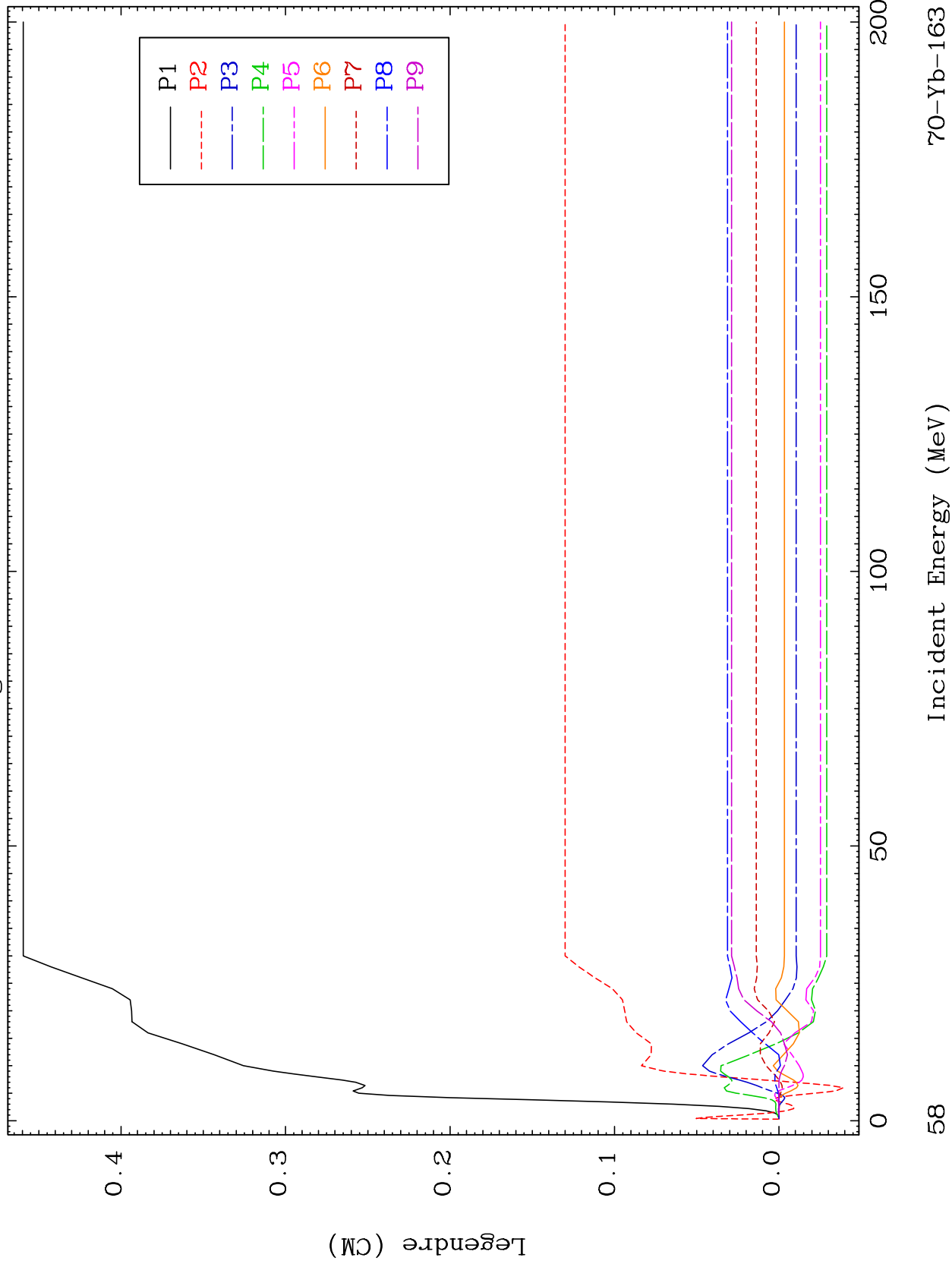




MAT 7010

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

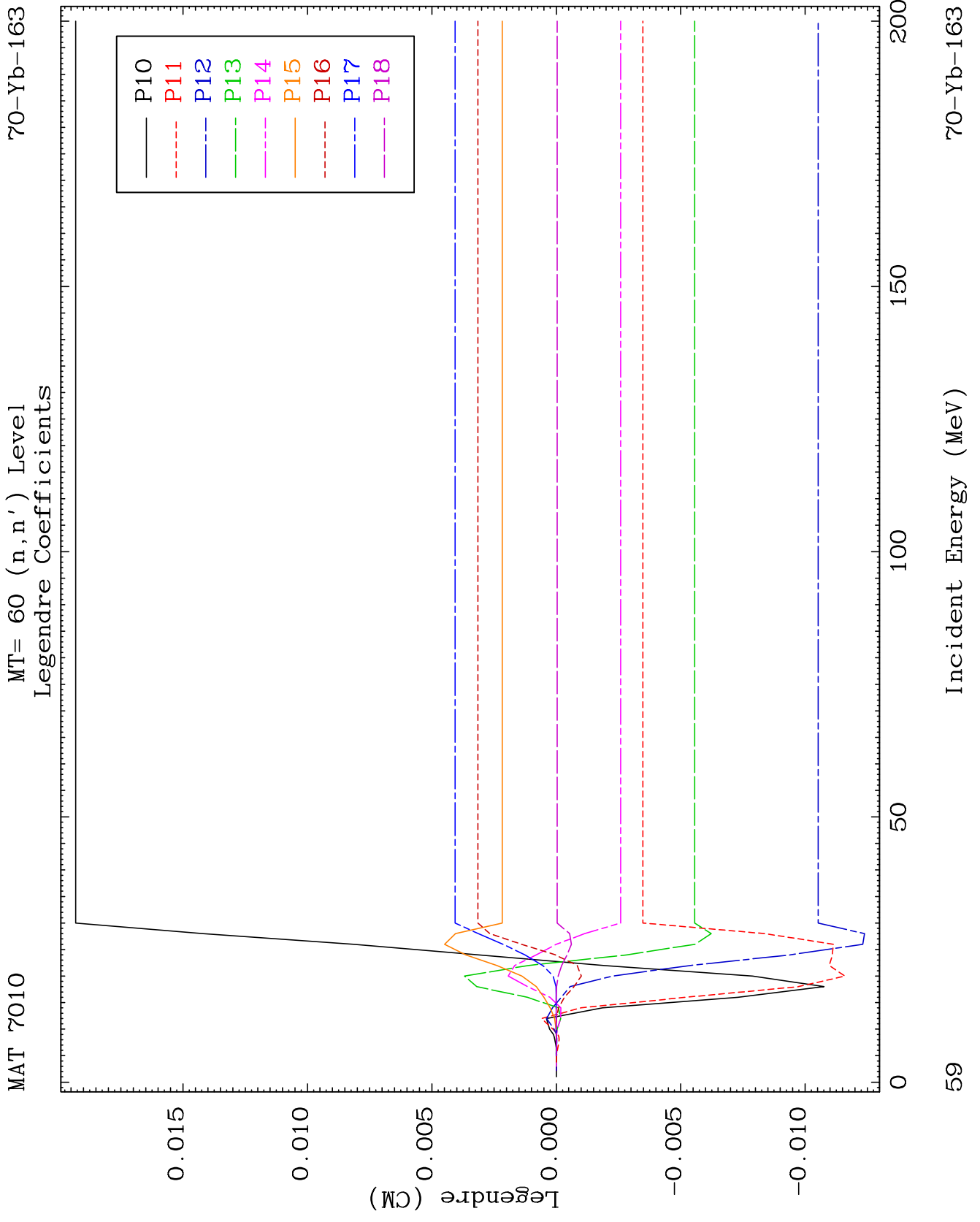
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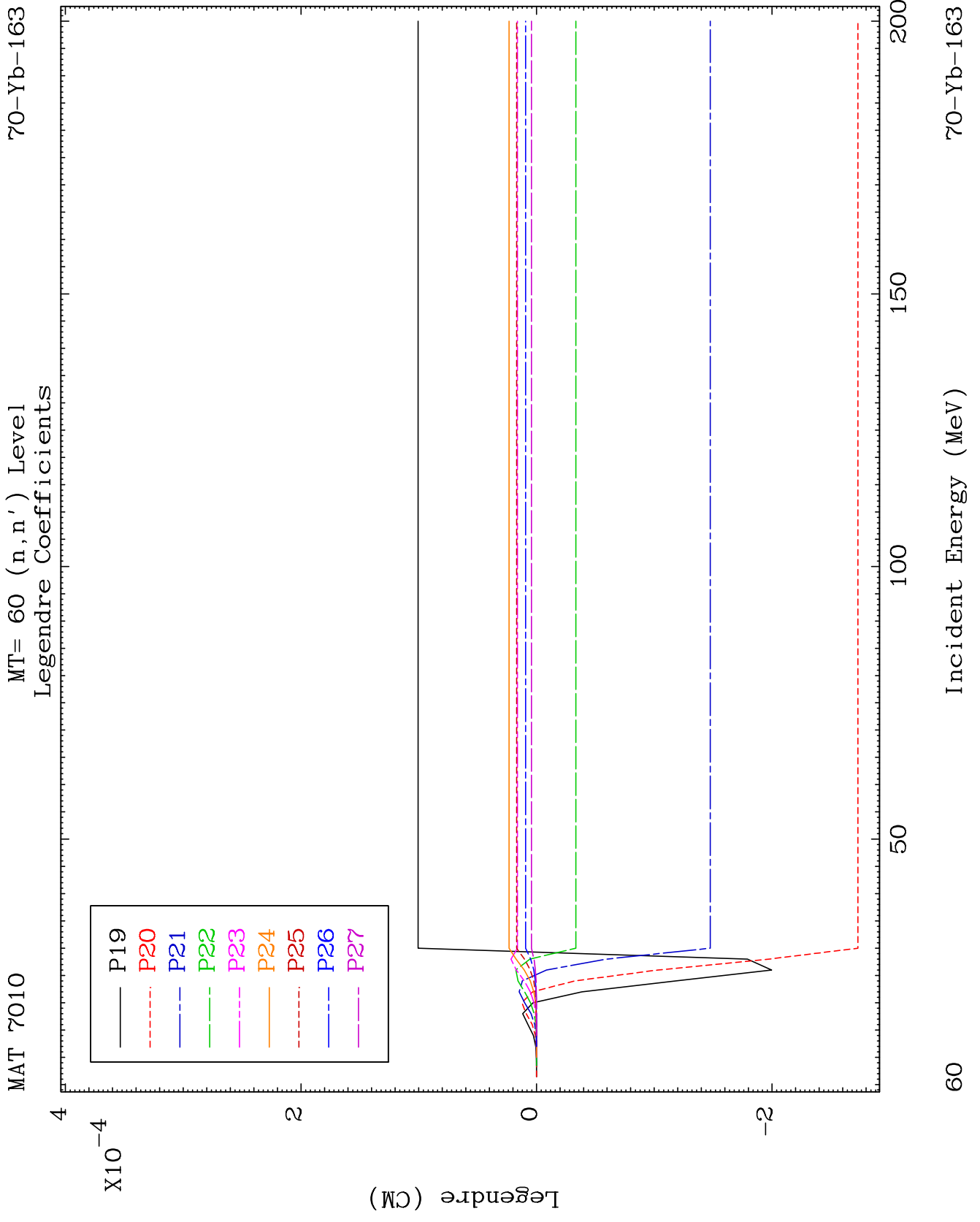


70-Yb-163

Incident Energy (MeV)

58

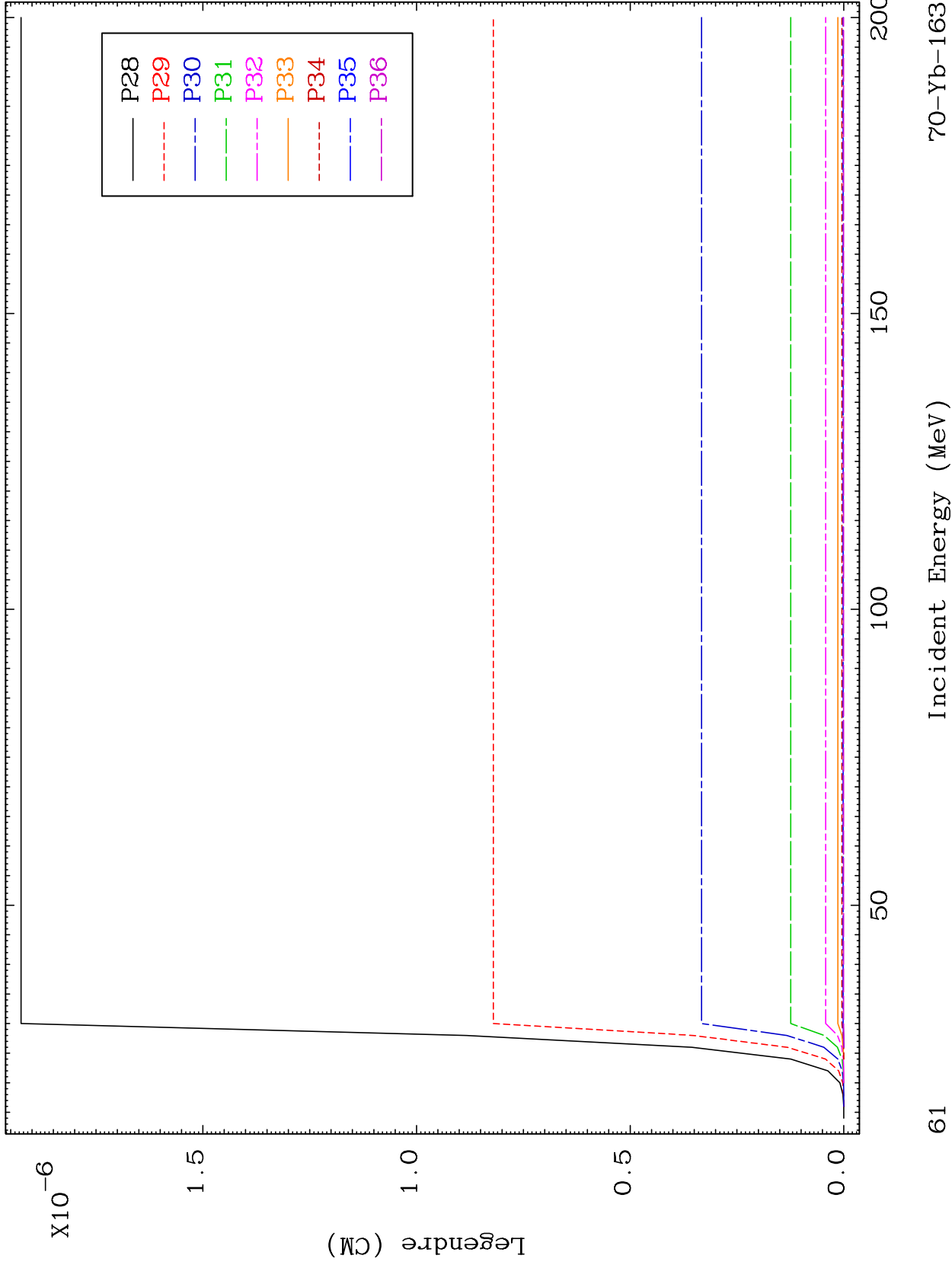




MAT 7010

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

70-Yb-163



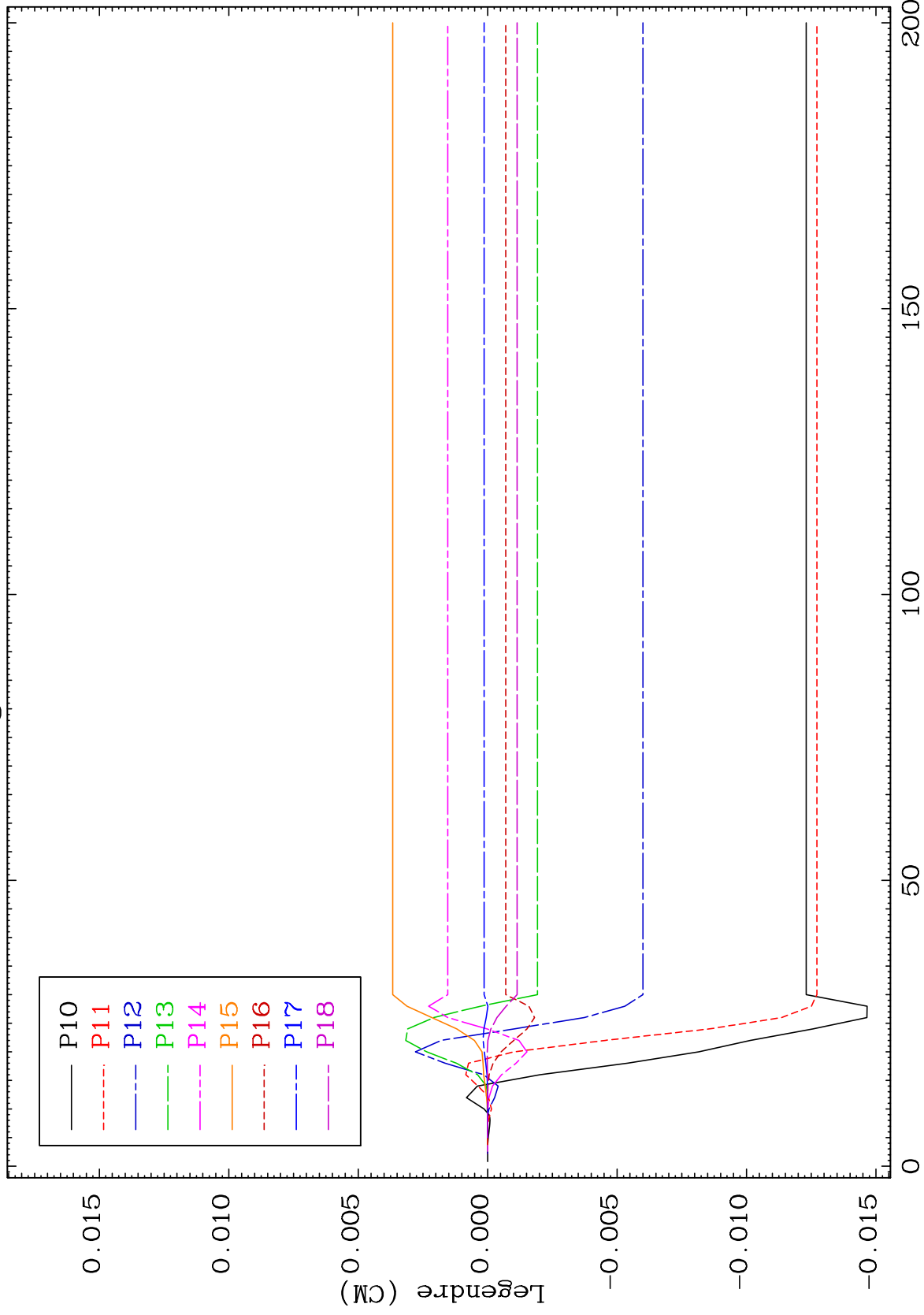
61

70-Yb-163

MAT 7010

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

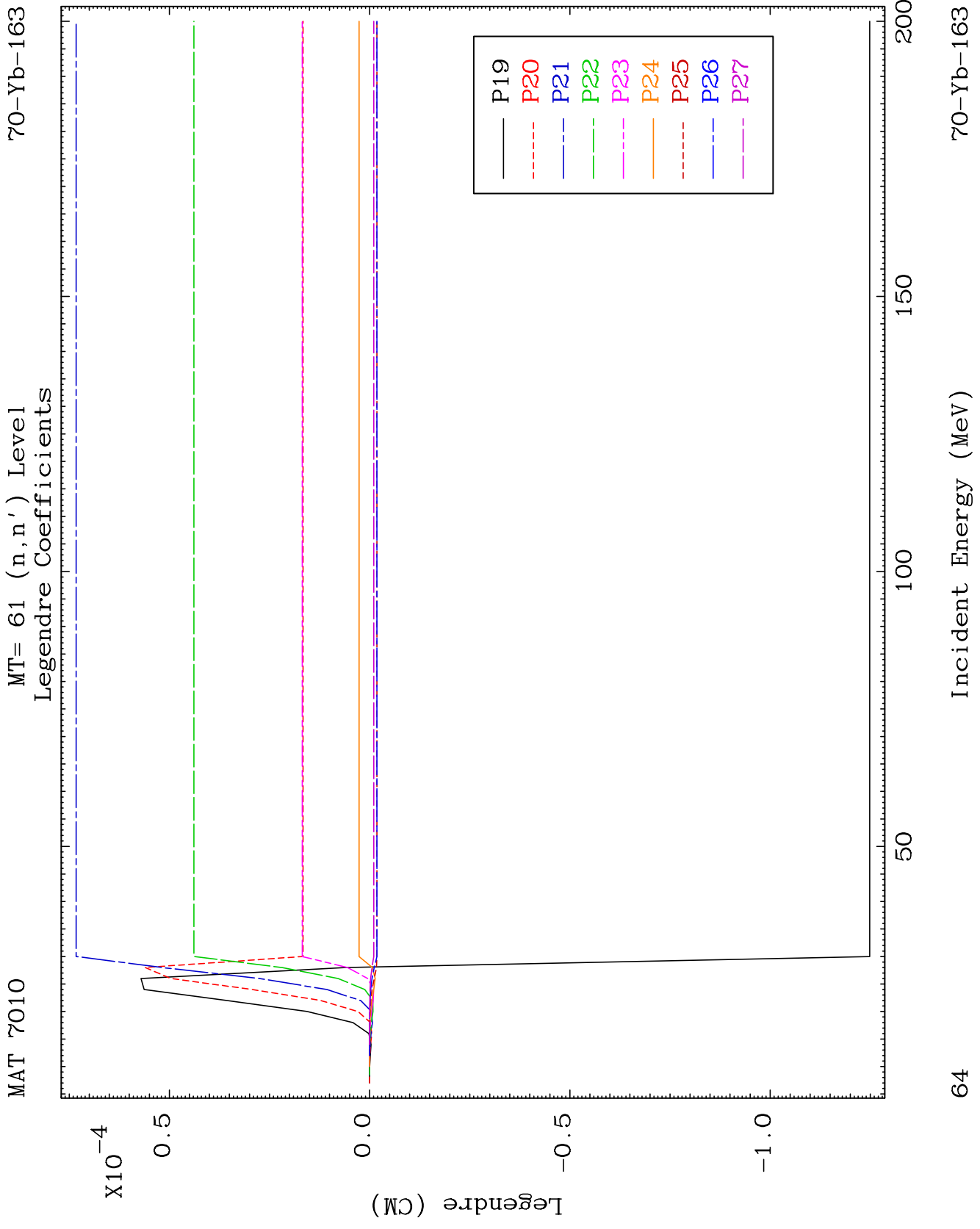
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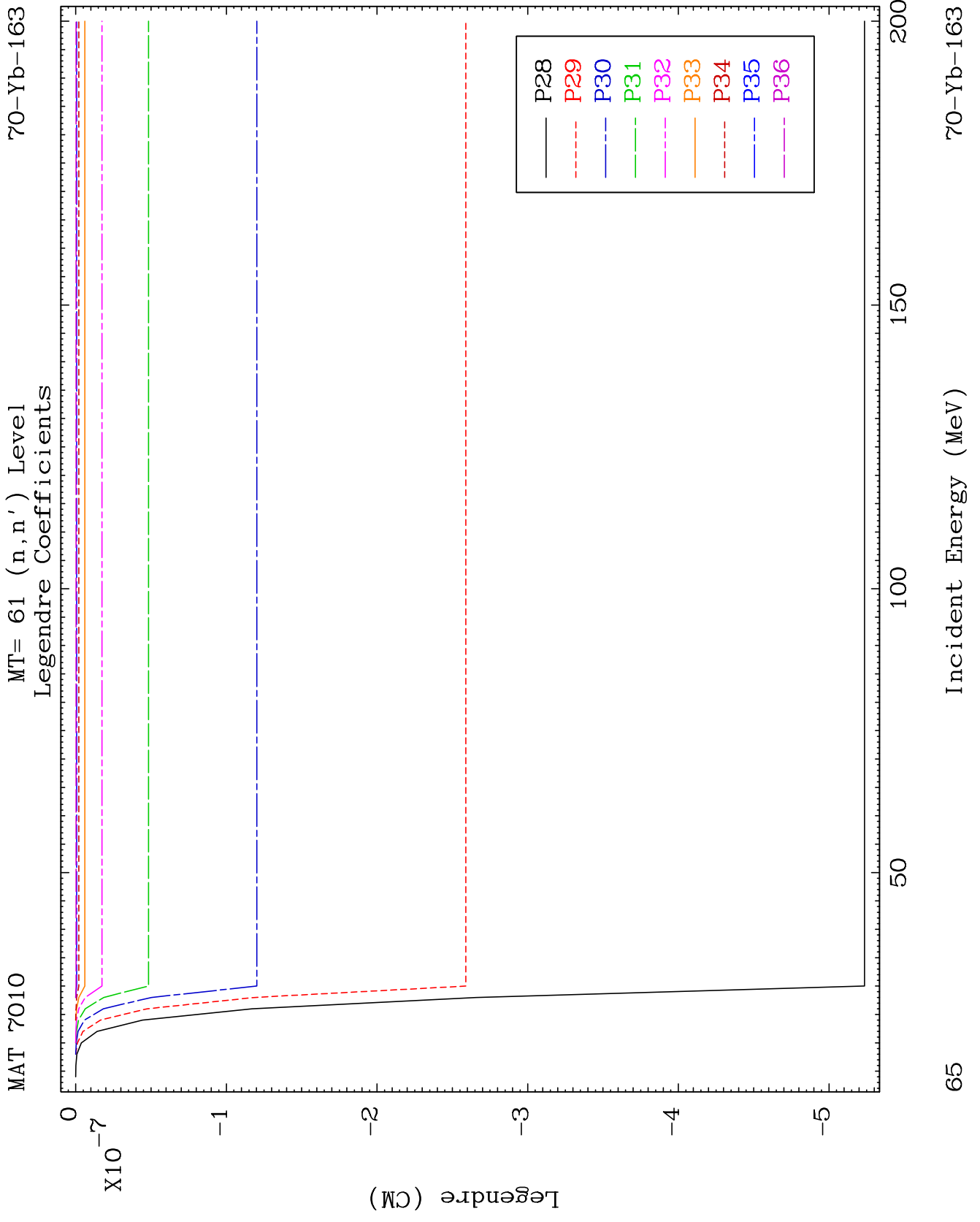


63

Incident Energy (MeV)

70-Yb-163

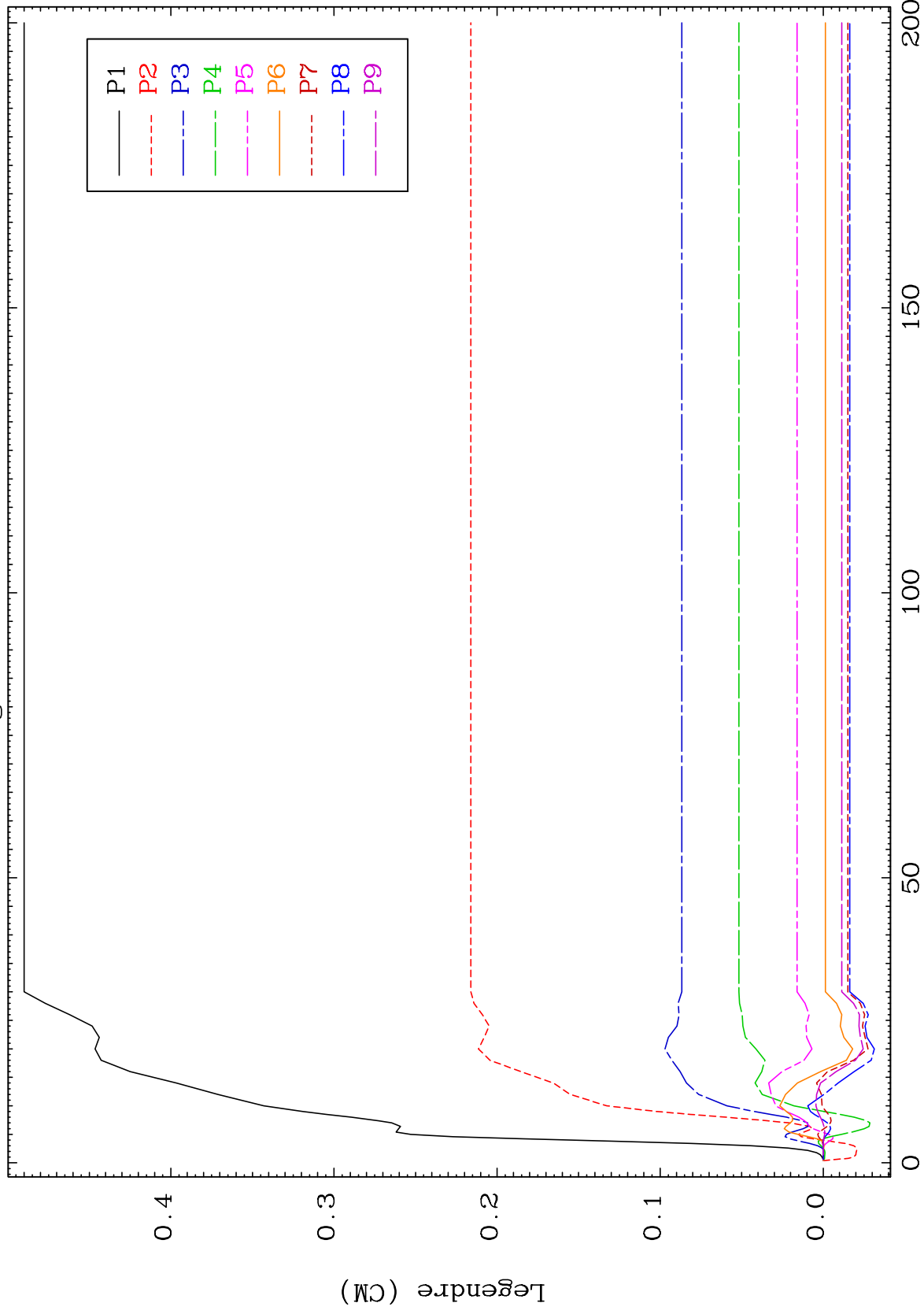




MAT 7010

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

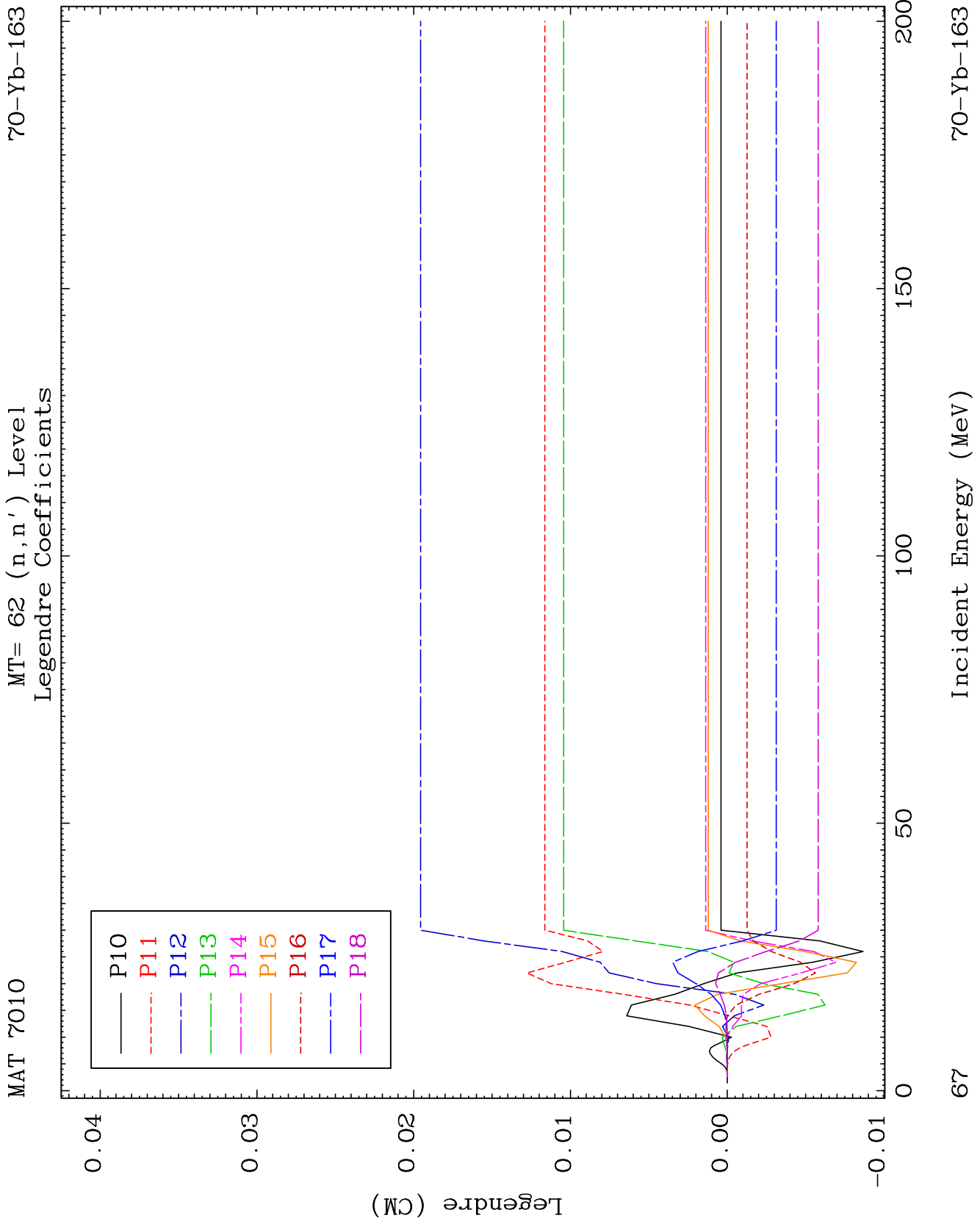
70-Yb-163



66

Incident Energy (MeV)

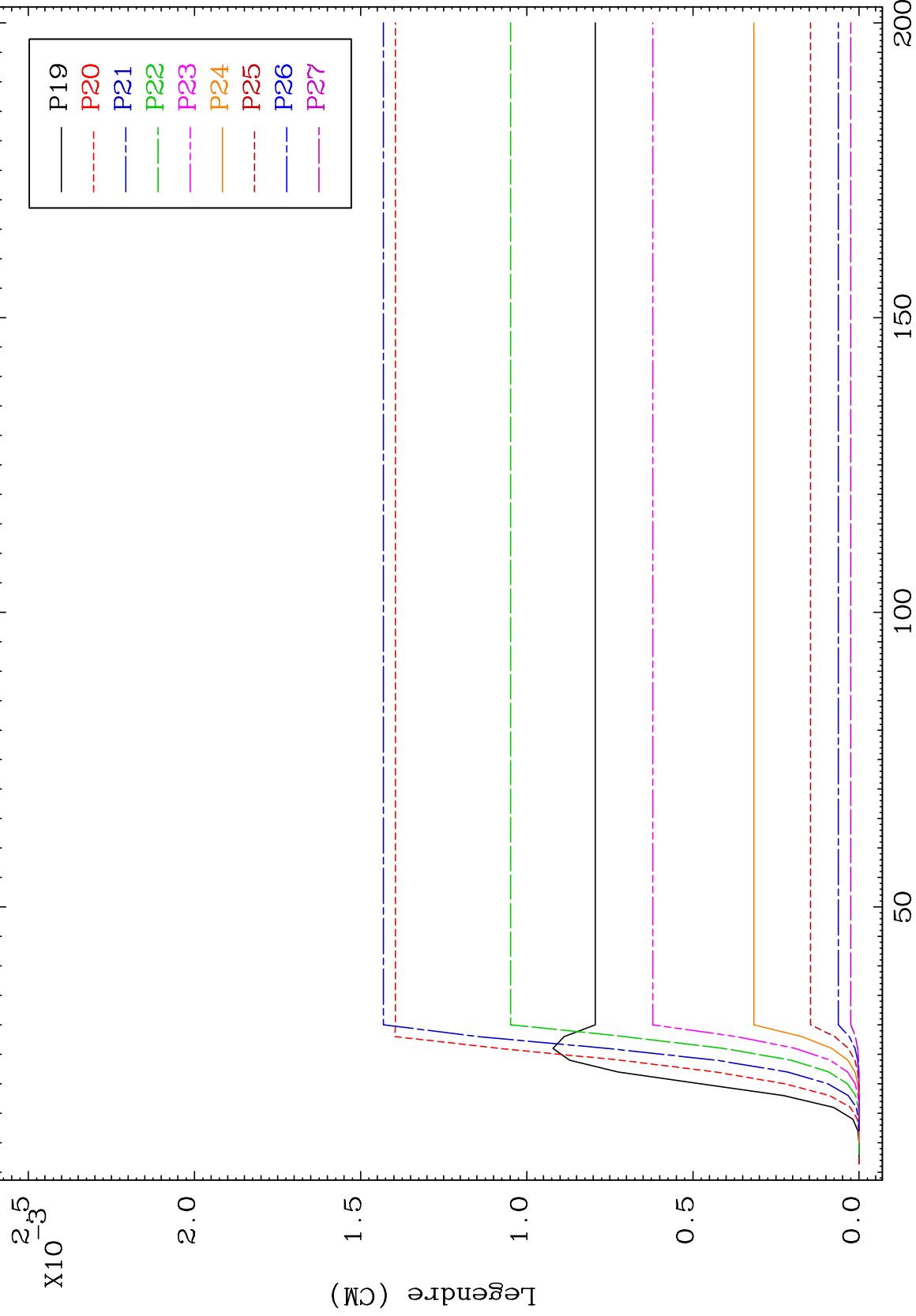
70-Yb-163



MAT 7010

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

70-Yb-163



68

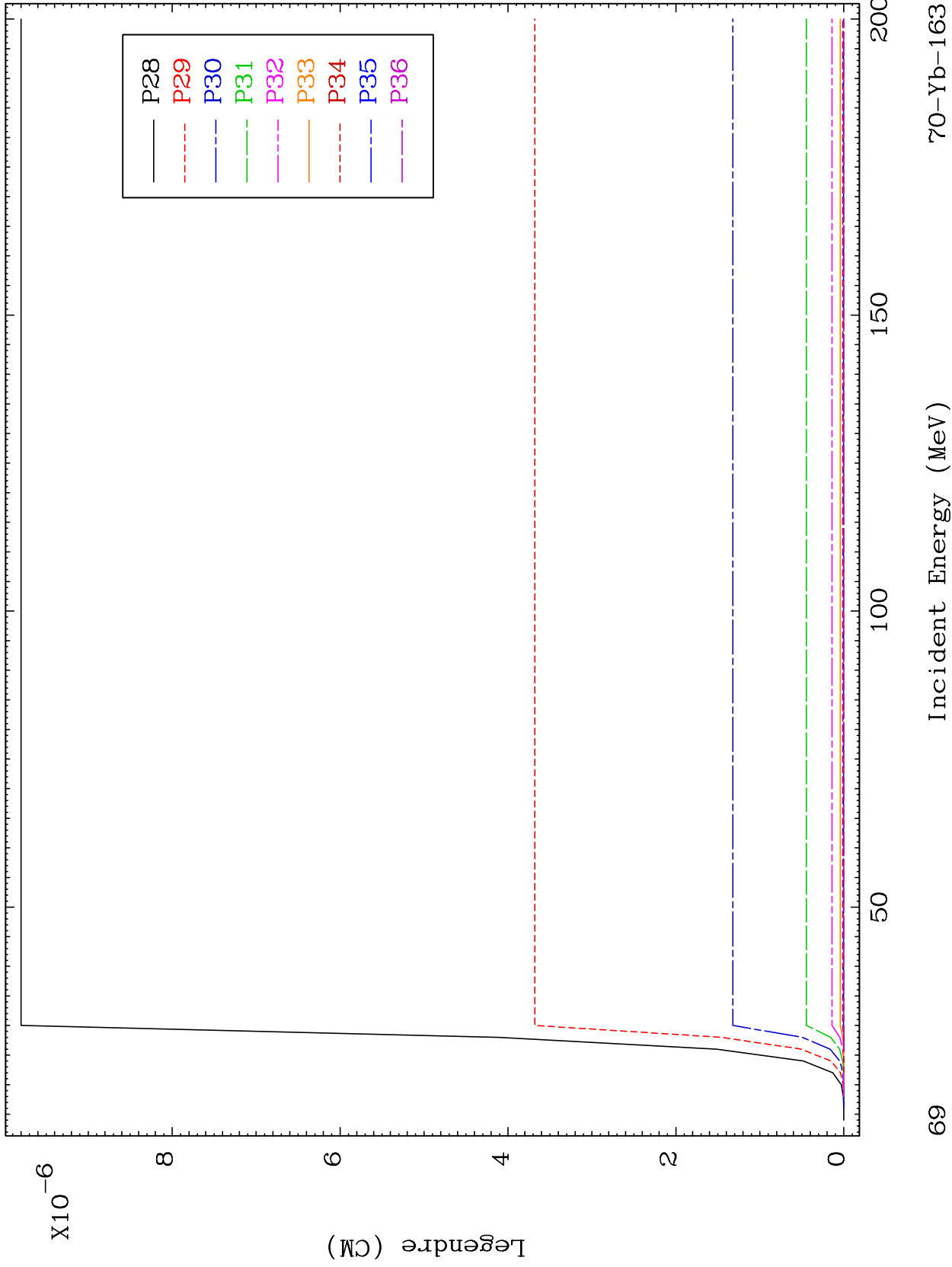
Incident Energy (MeV)

70-Yb-163

MAT 7010

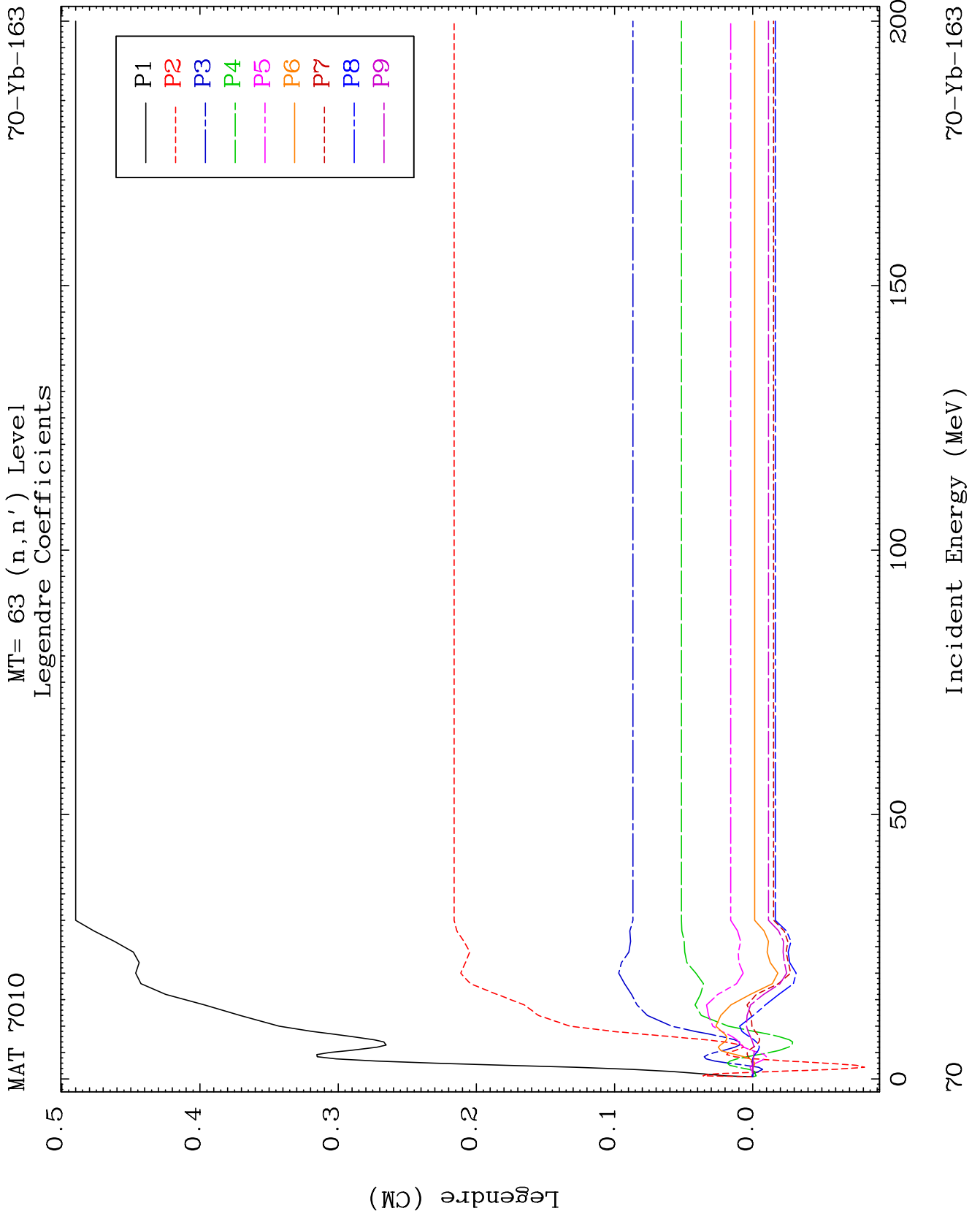
MT= 62 (n,n') Level
Legendre Coefficients

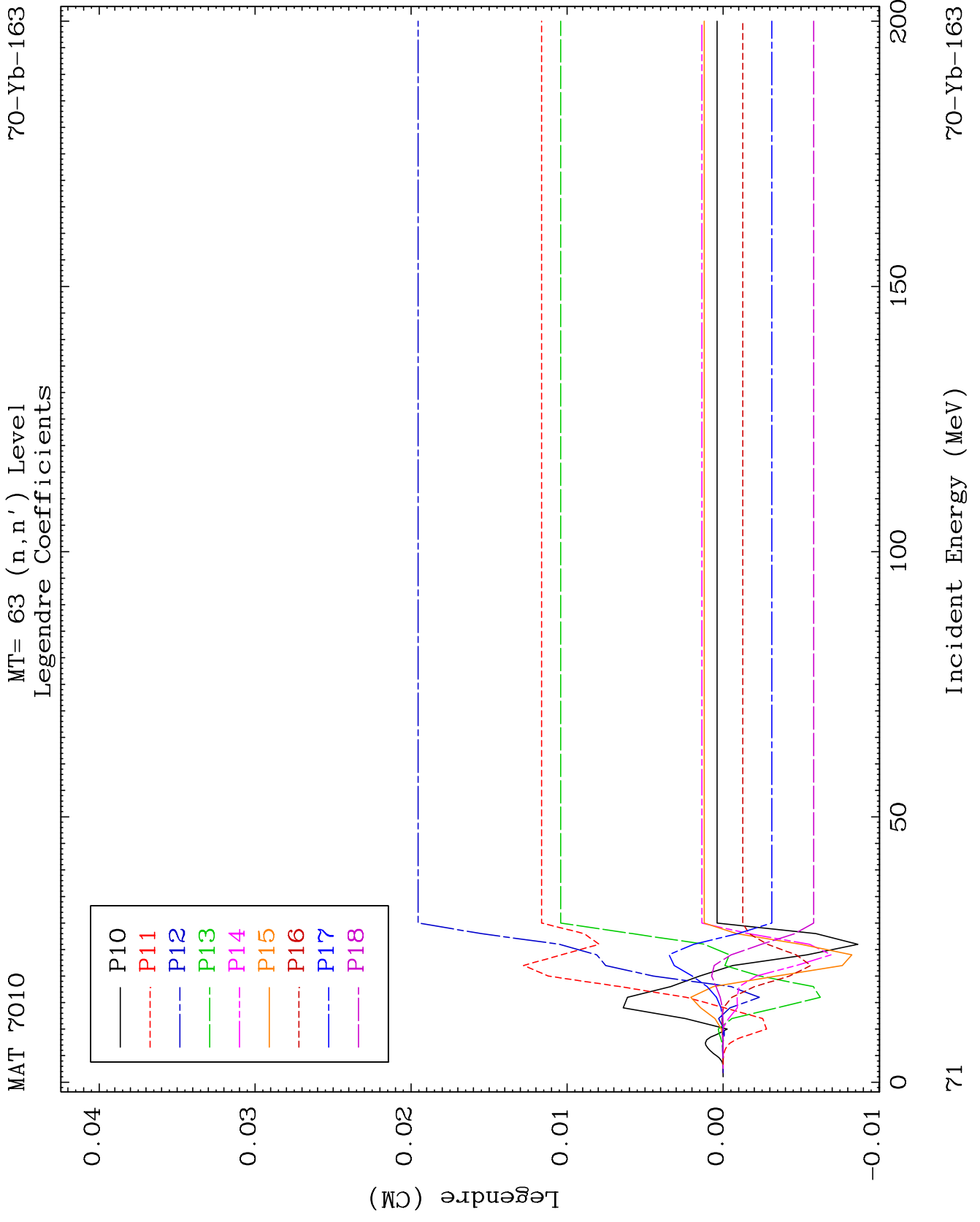
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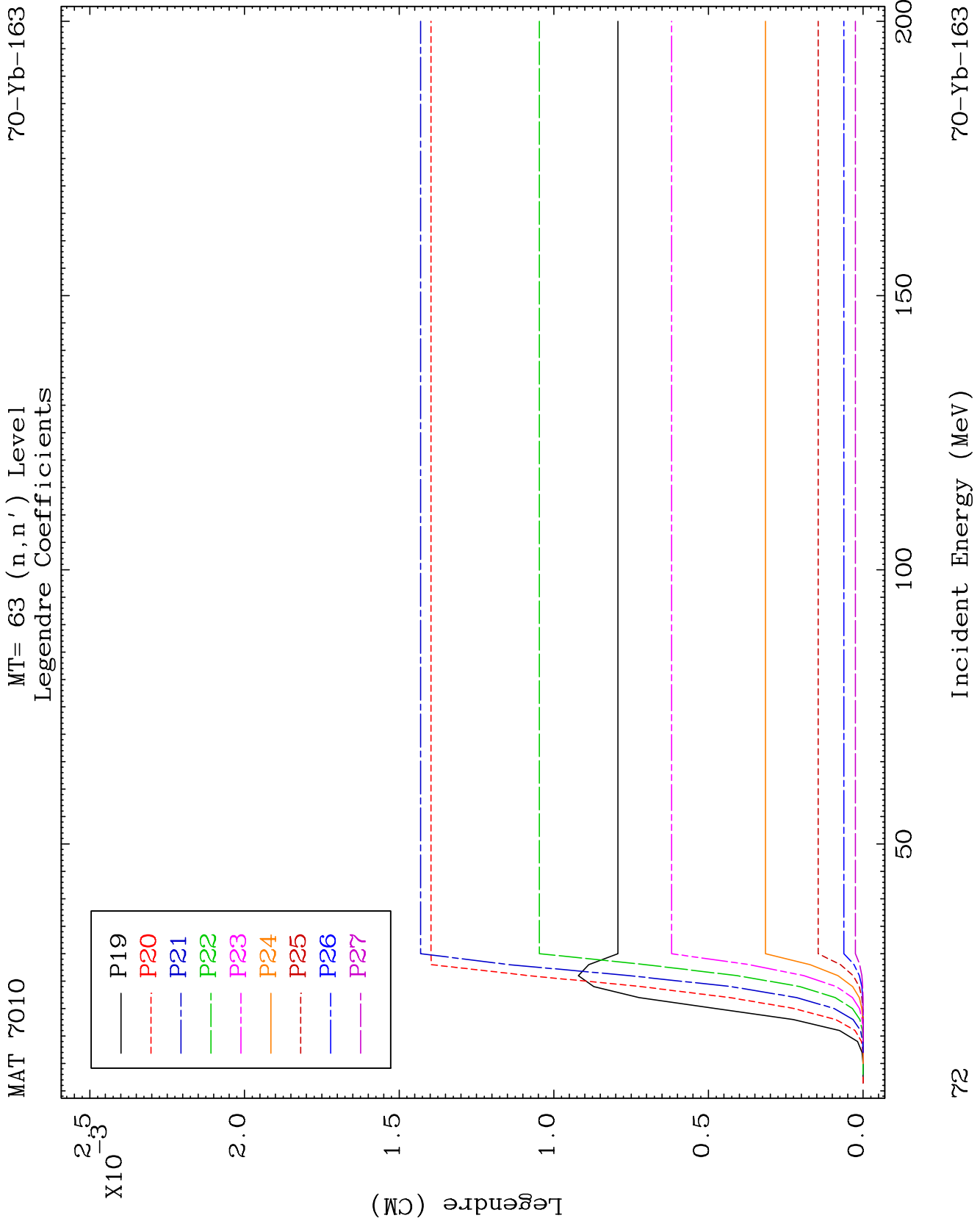


69

70-Yb-163



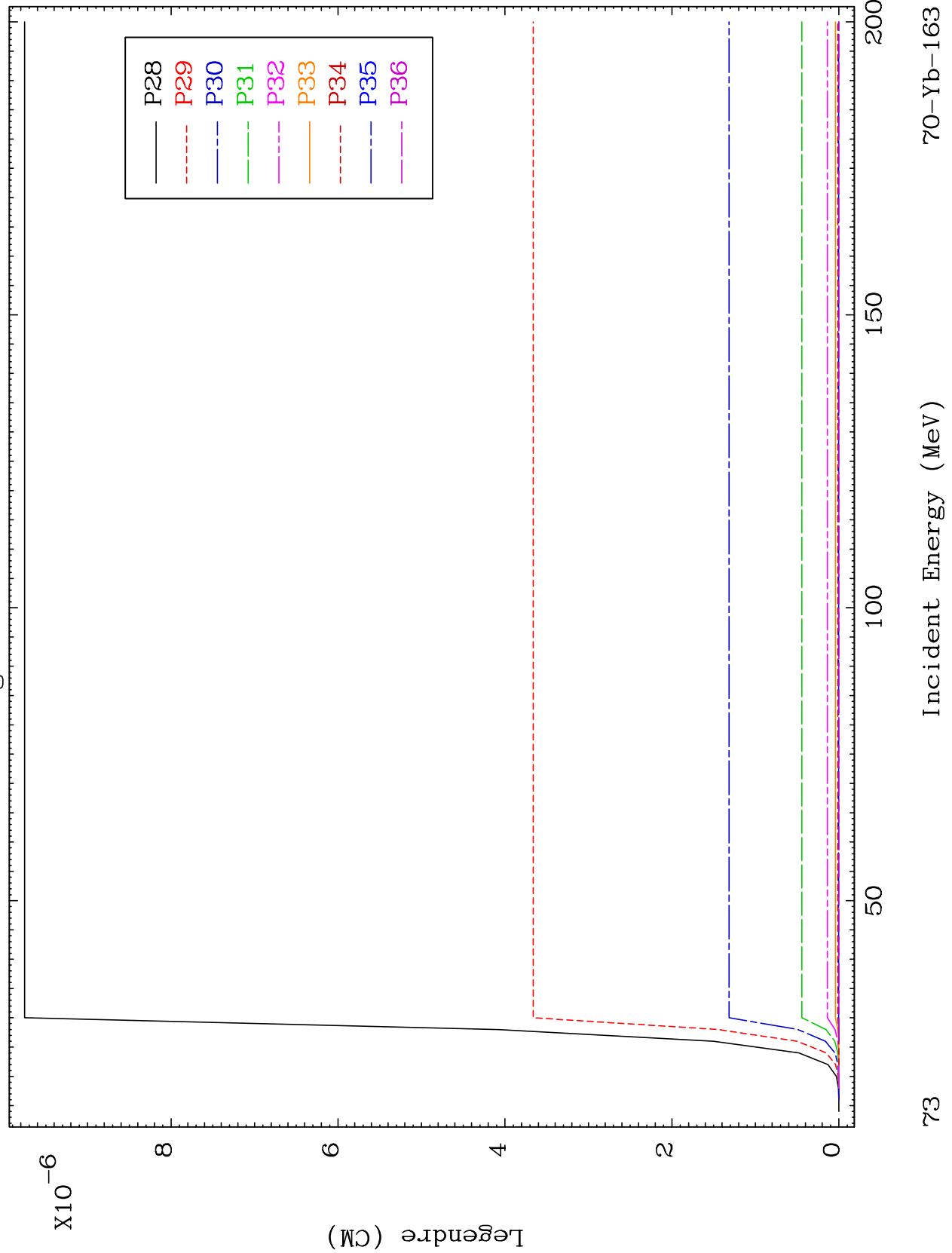




MAT 7010

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

70-Yb-163



70-Yb-163

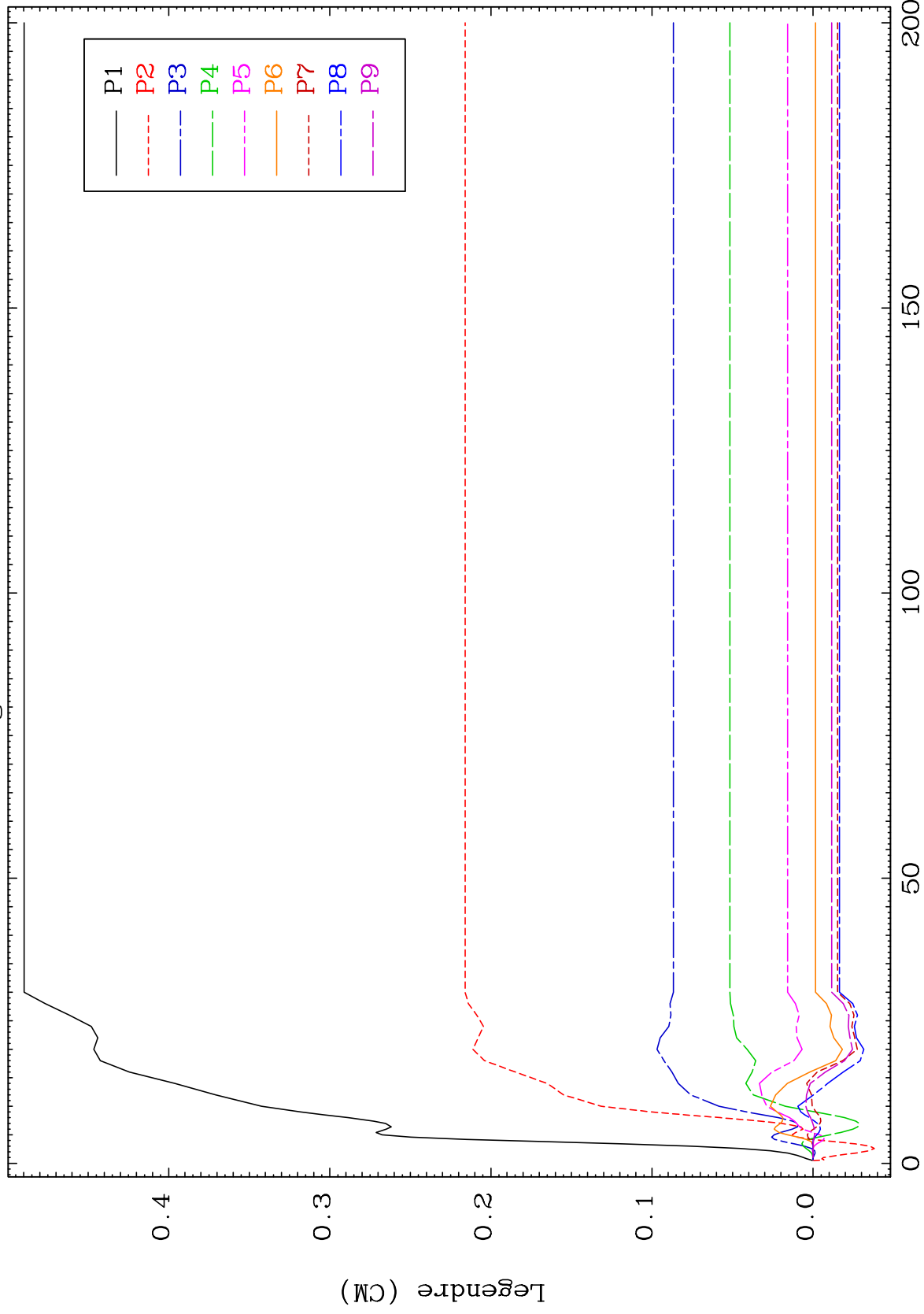
Incident Energy (MeV)

73

MAT 7010

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

70-Yb-163



74

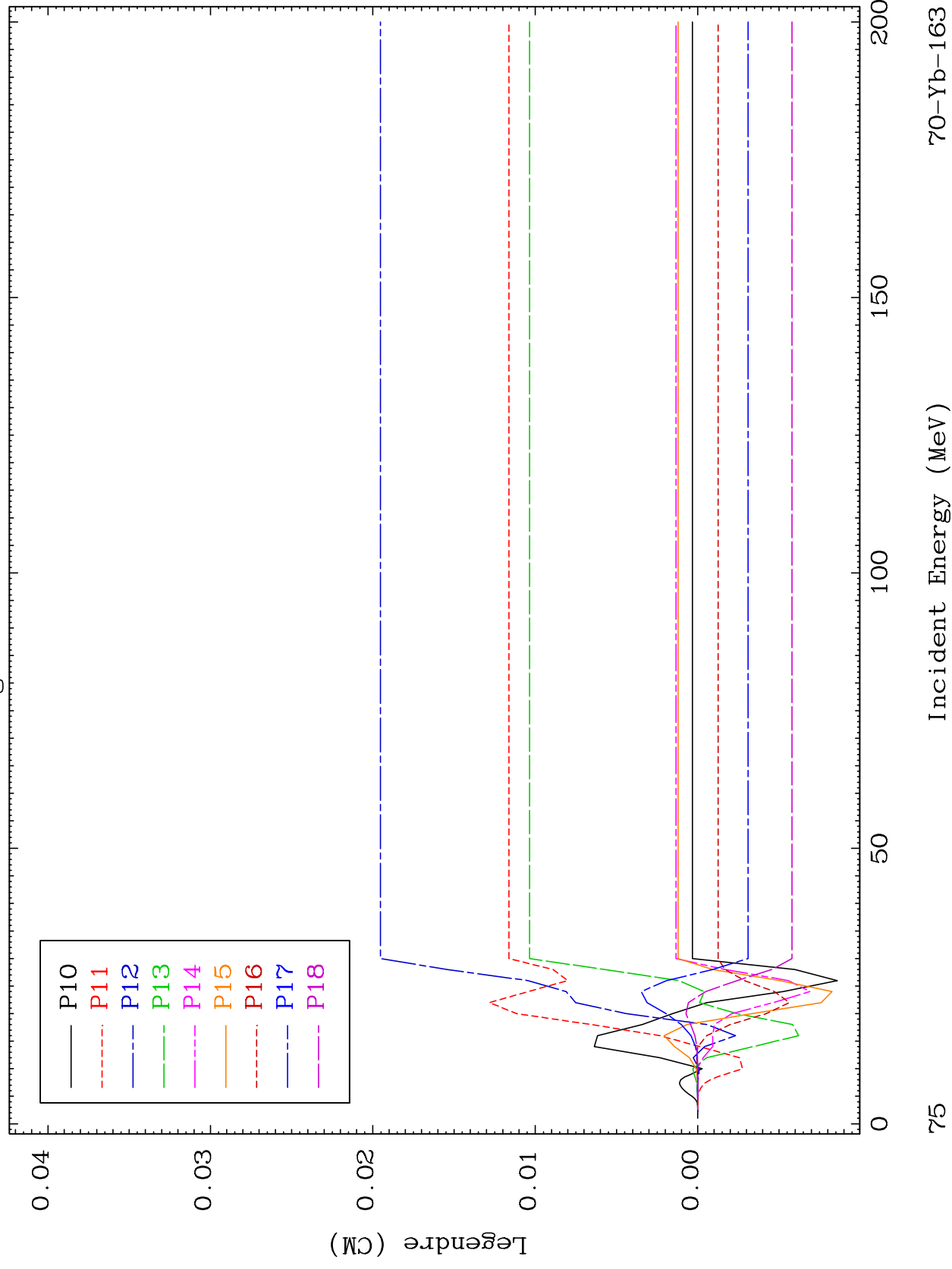
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

70-Yb-163



75

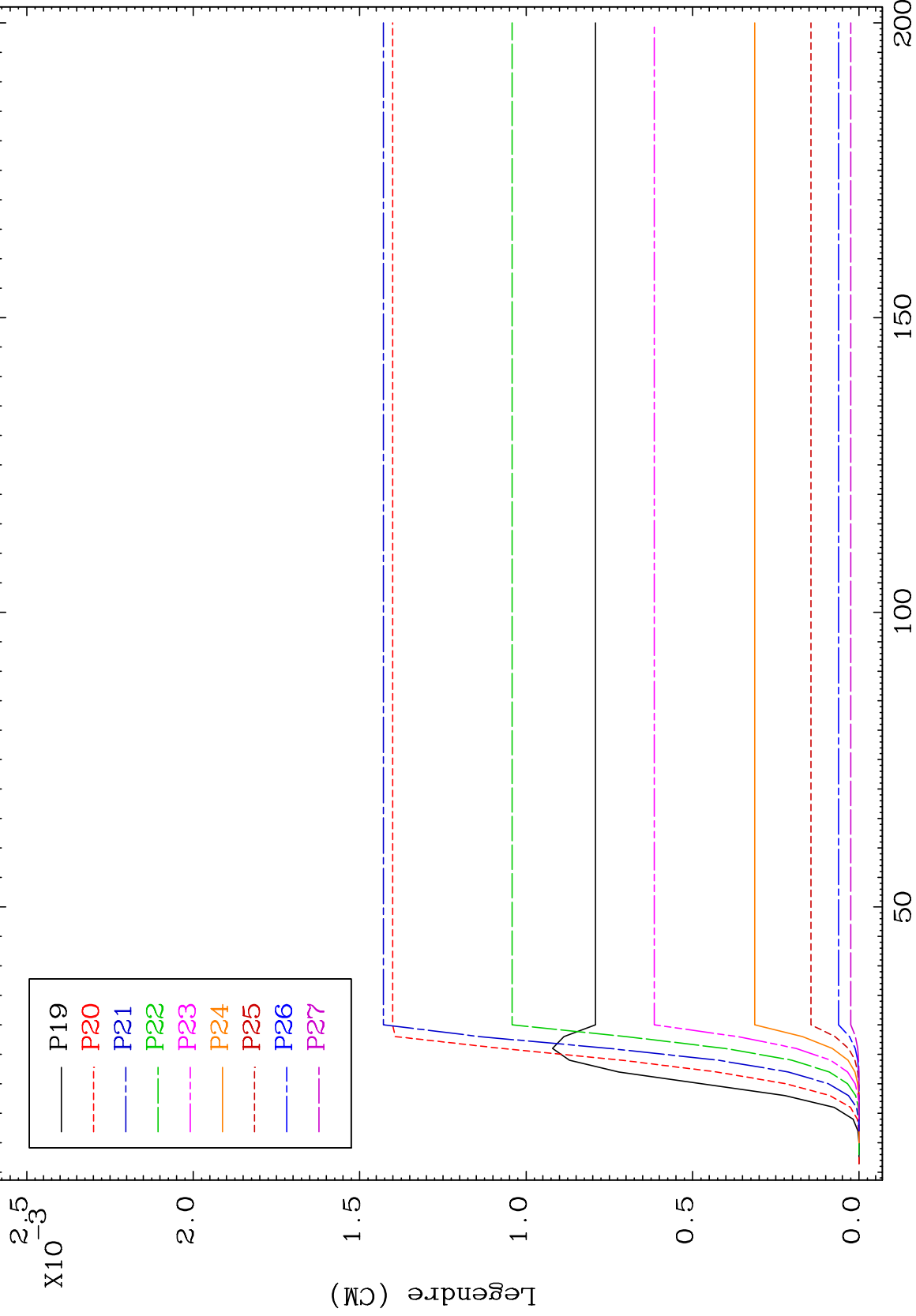
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

70-Yb-163



76

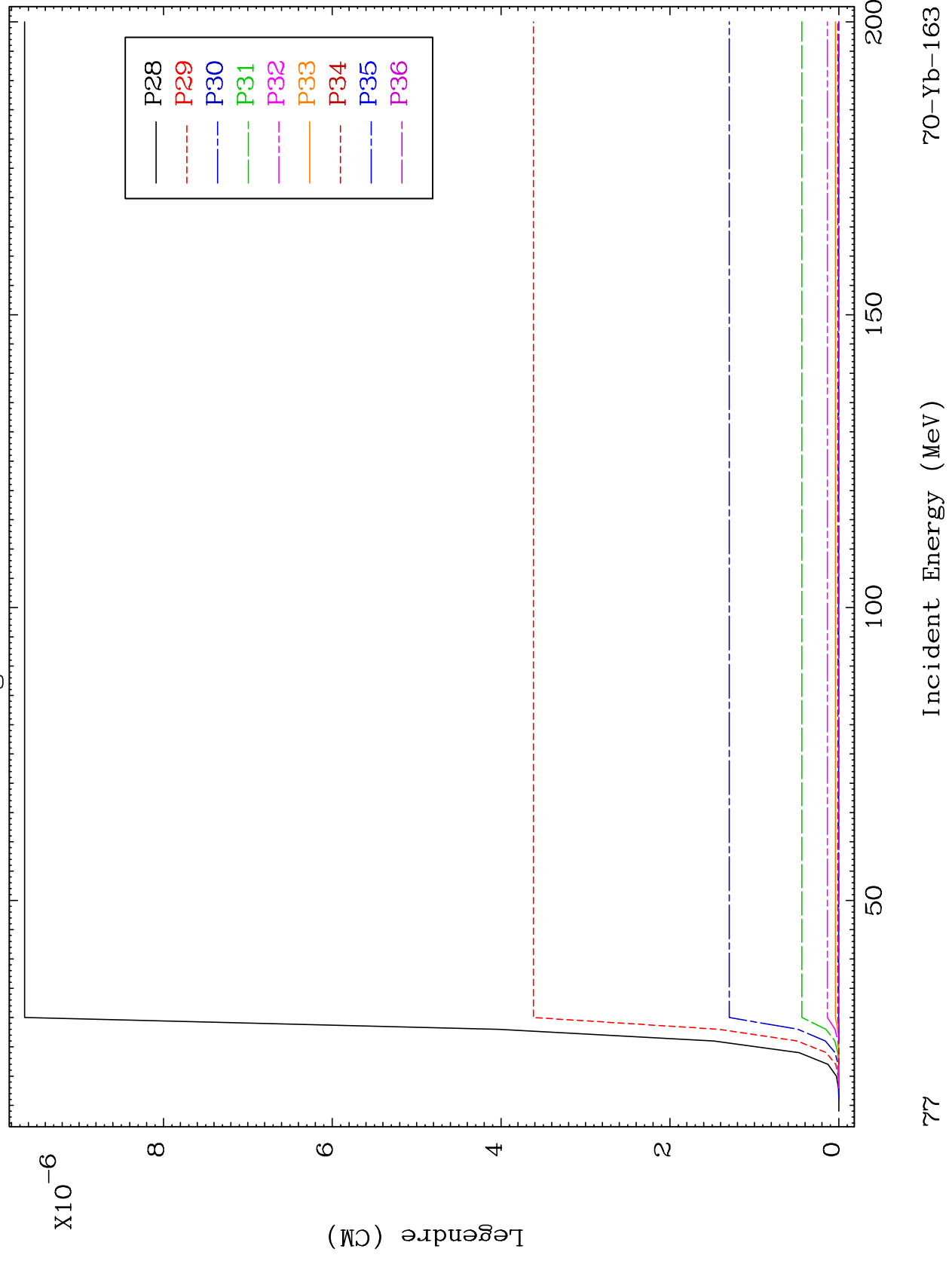
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

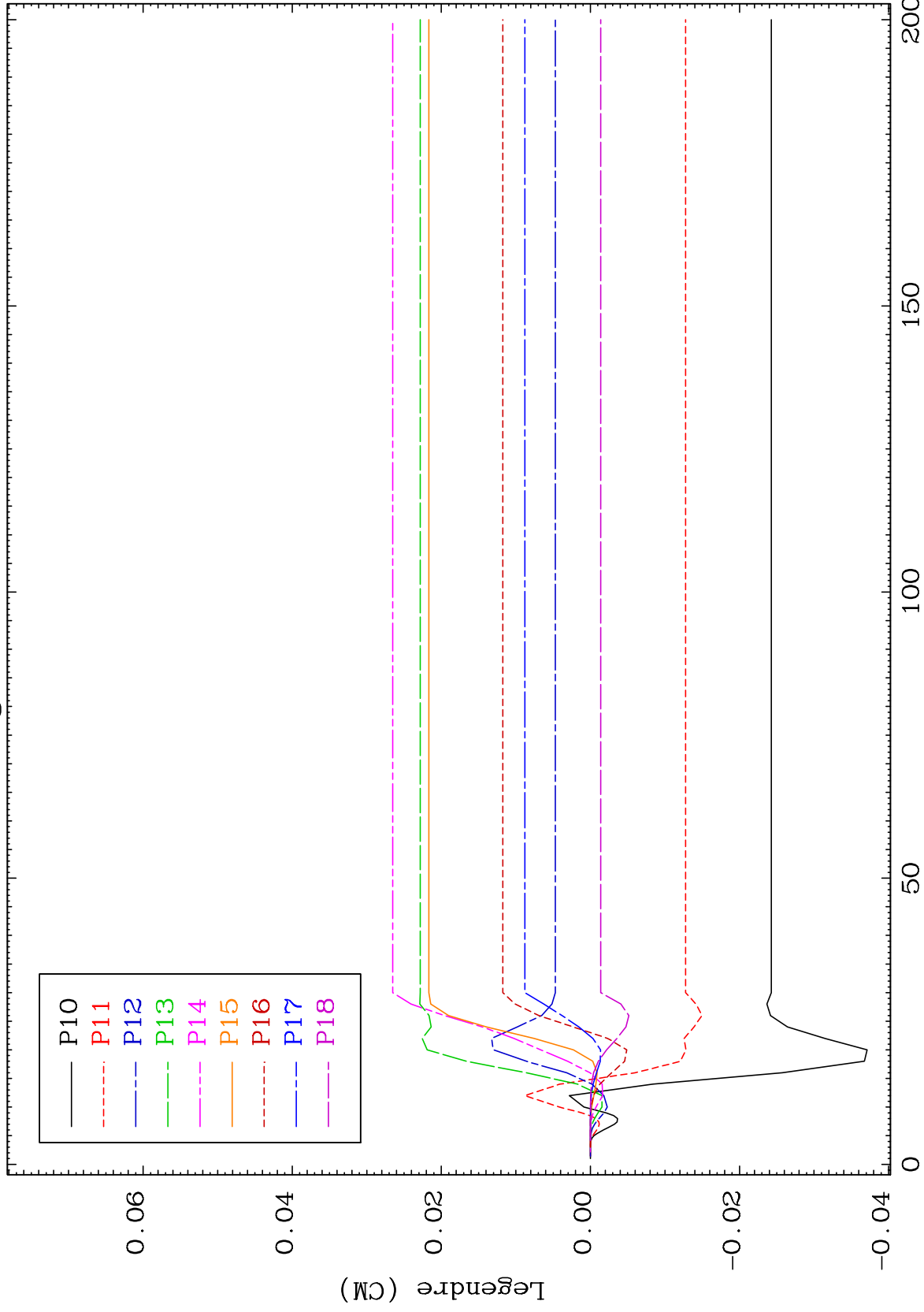
70-Yb-163



MAT 7010

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

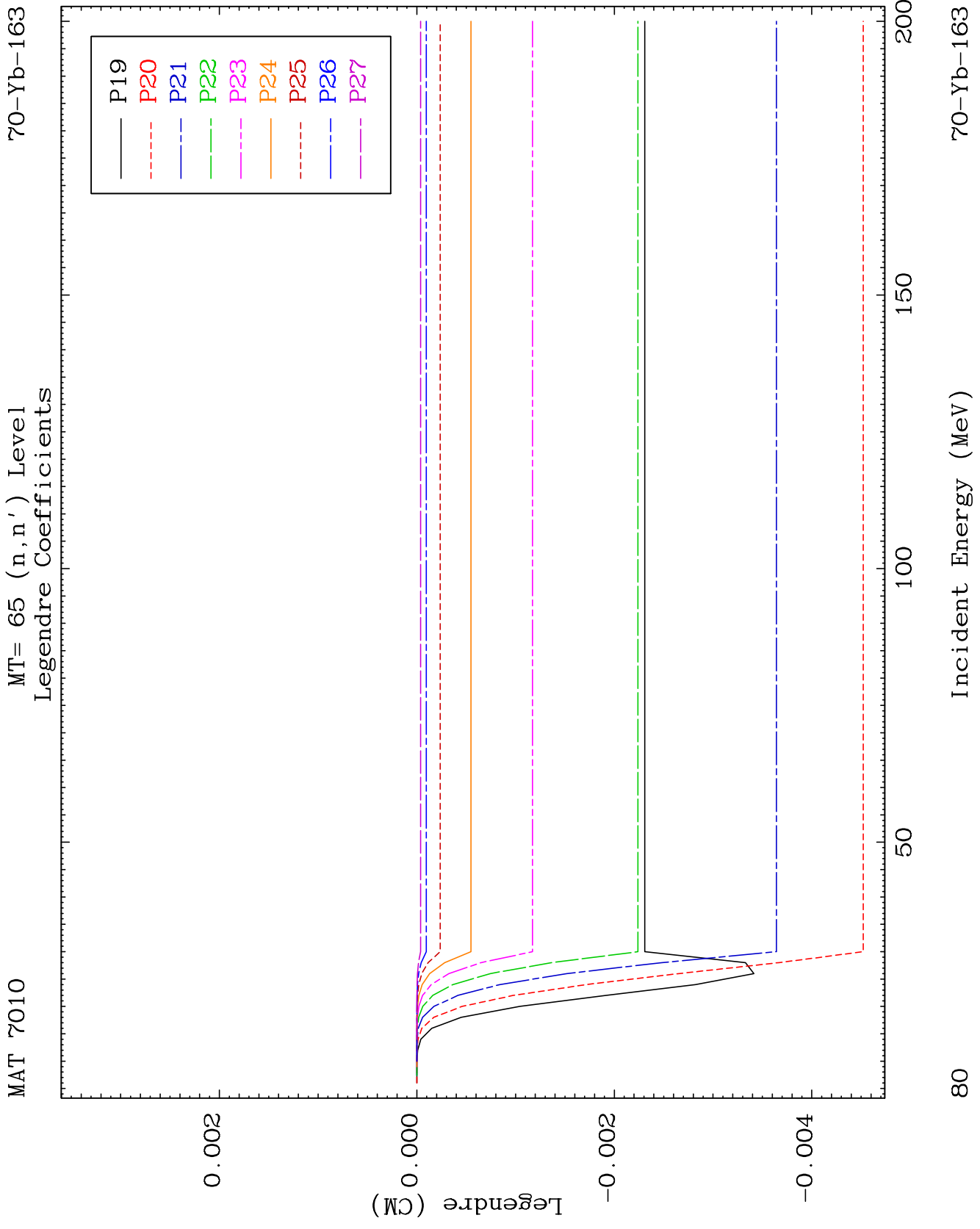
70-Yb-163

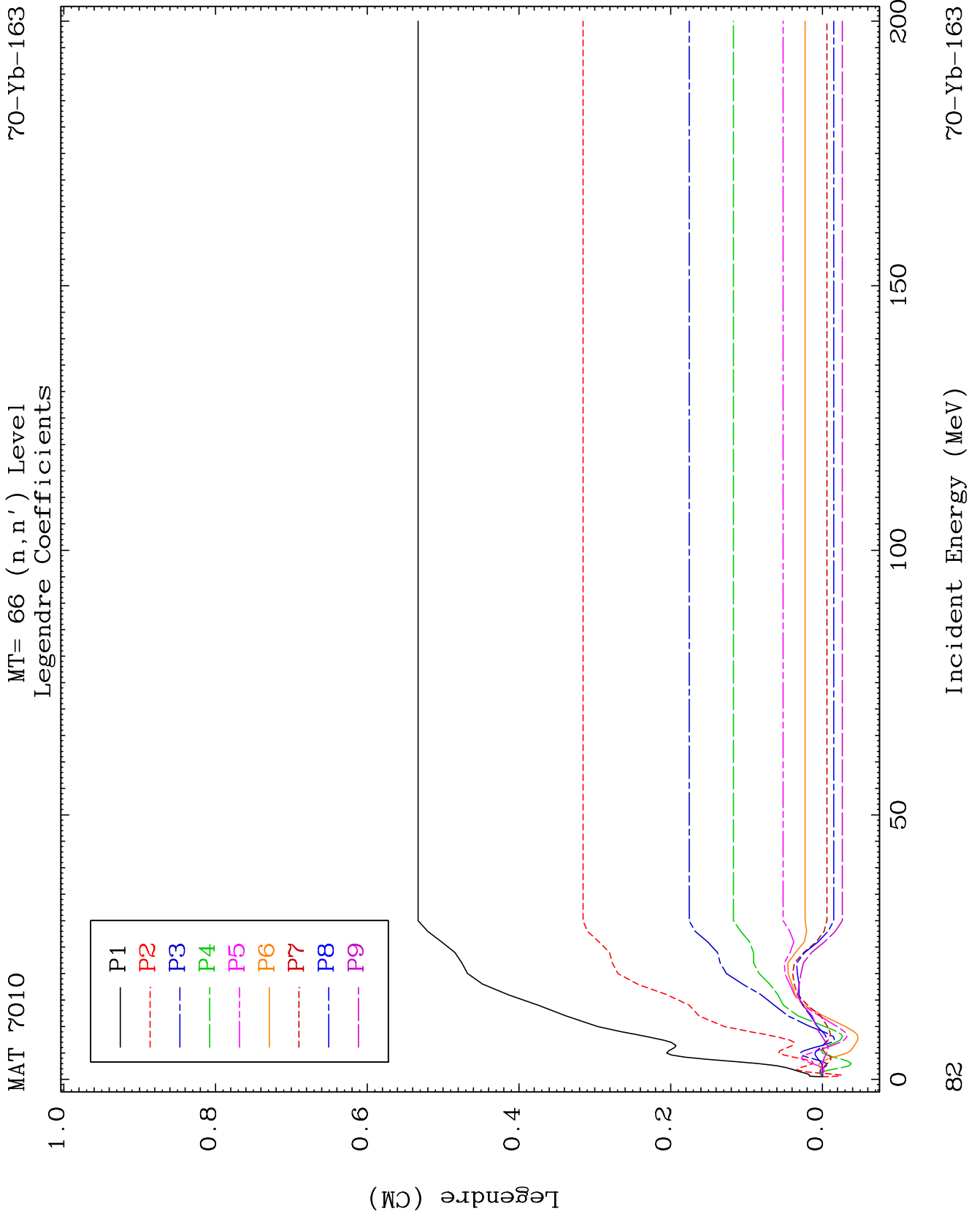


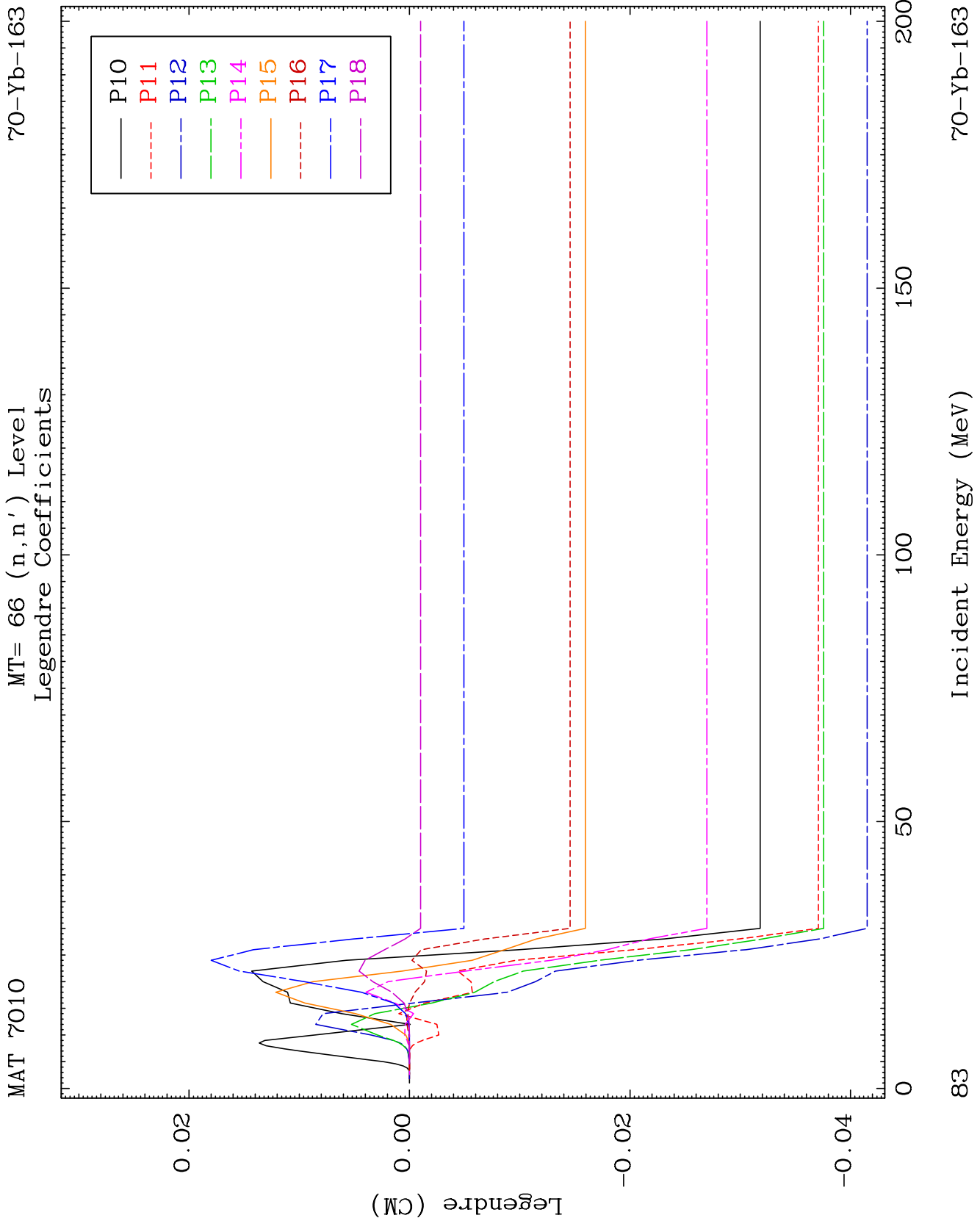
79

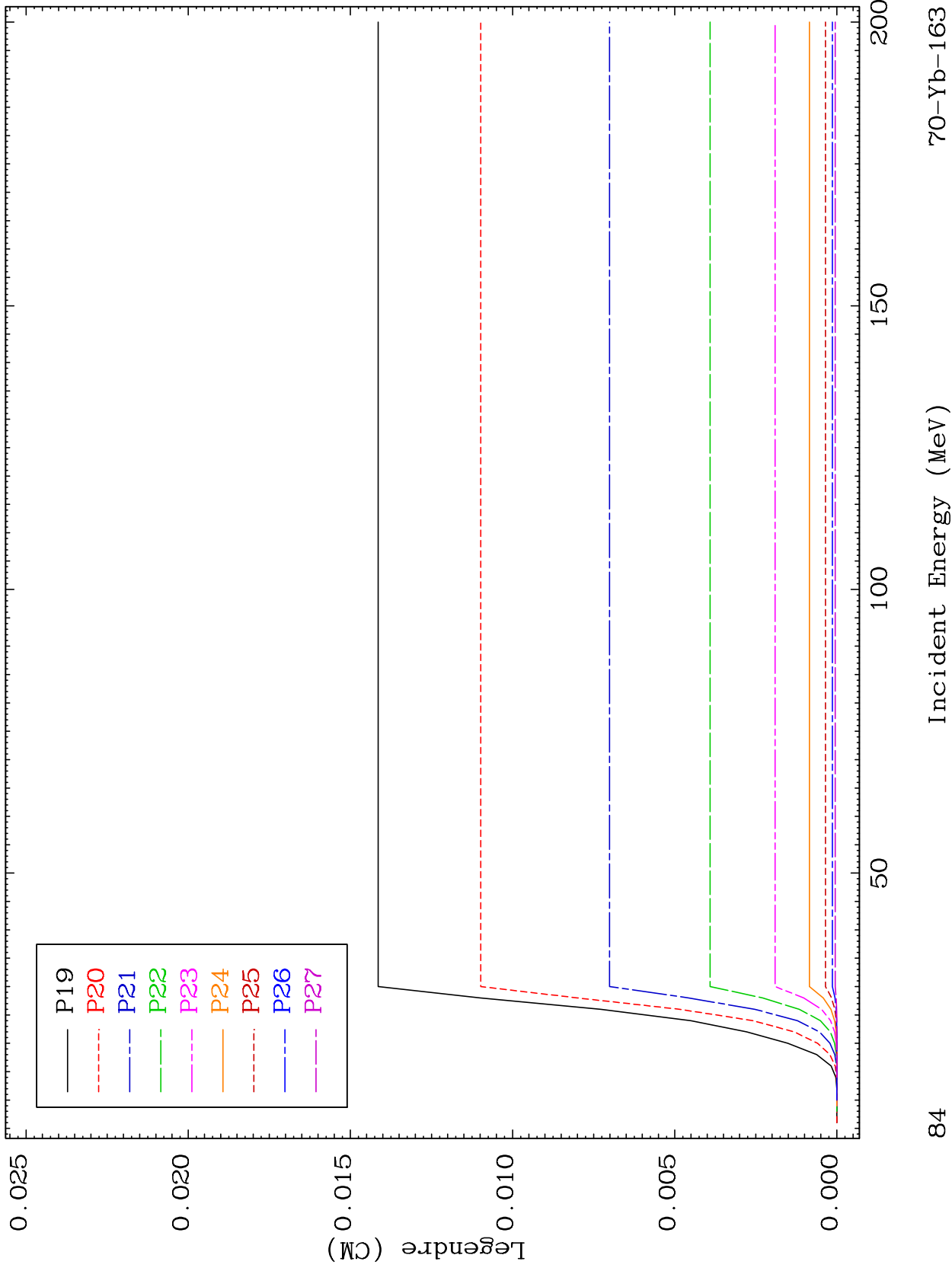
Incident Energy (MeV)

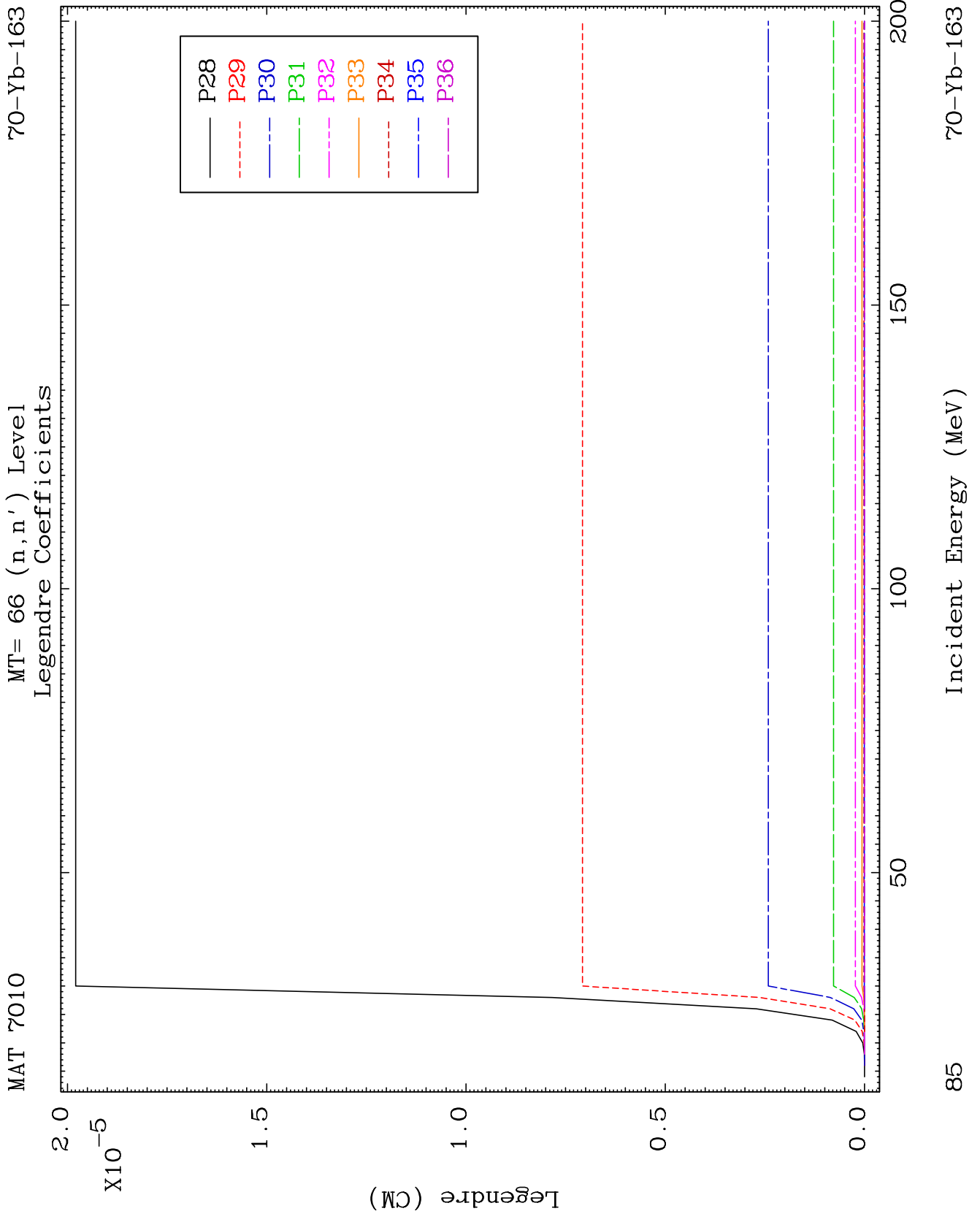
70-Yb-163







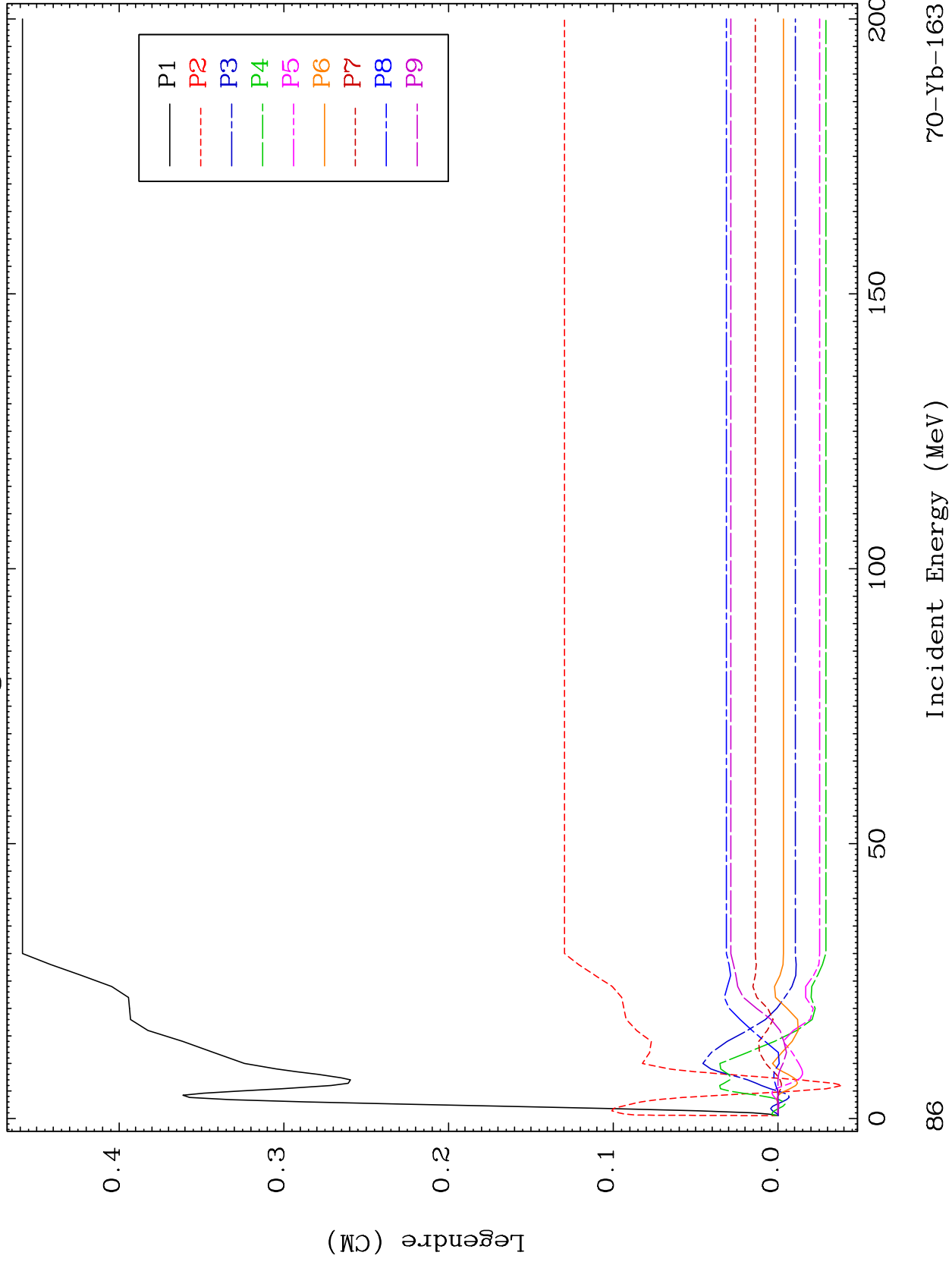




MAT 7010

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

70-Yb-163



86

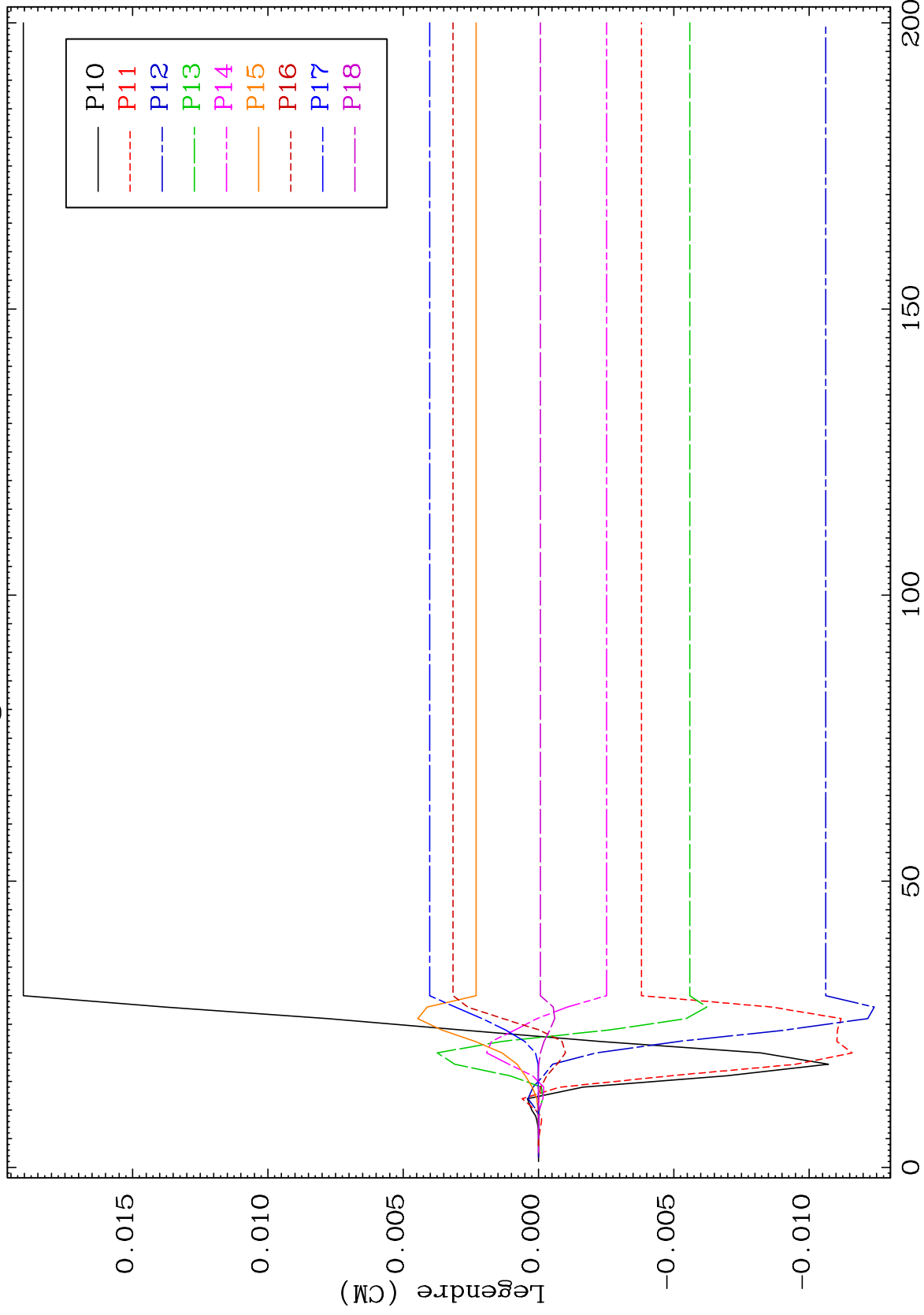
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

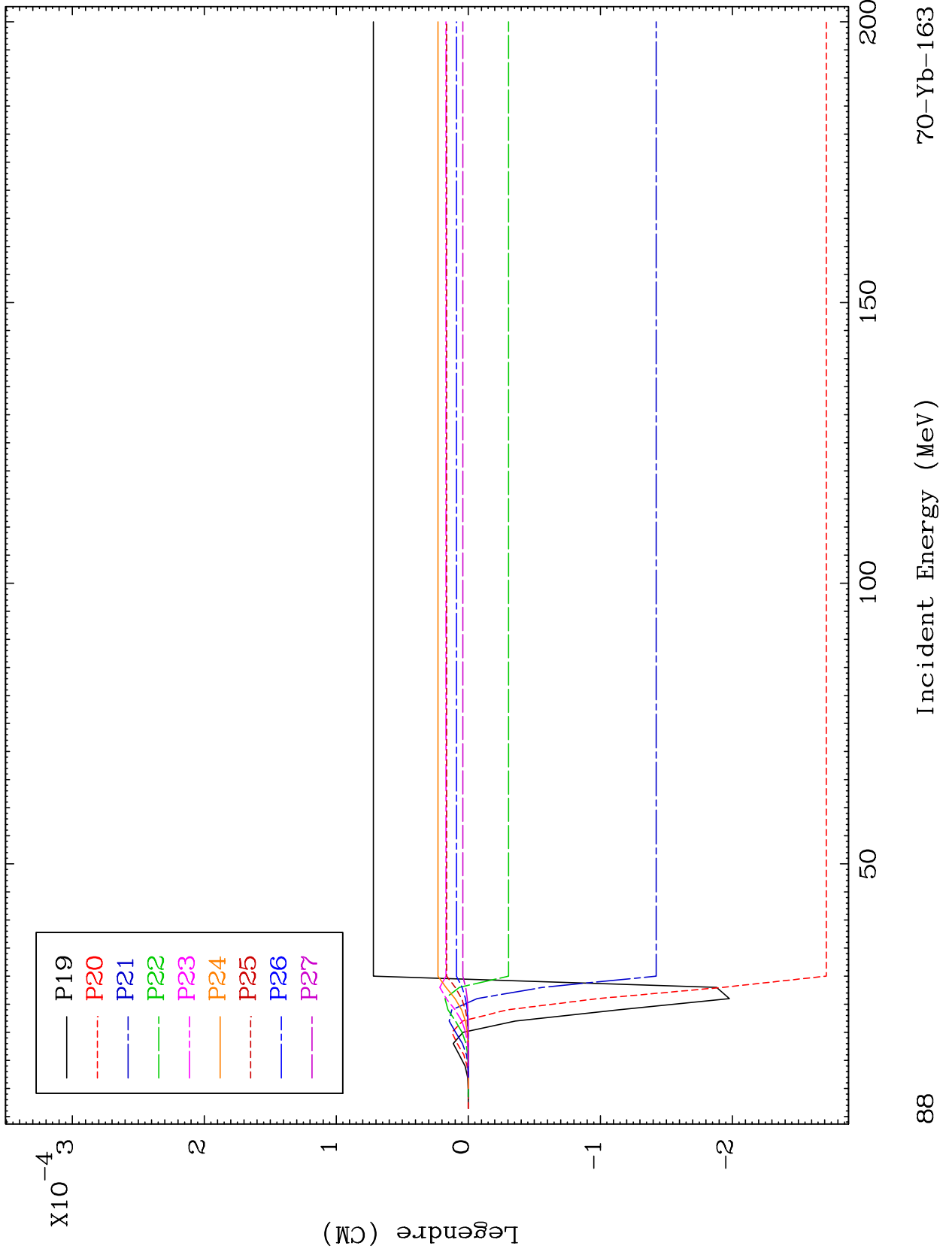
70-Yb-163

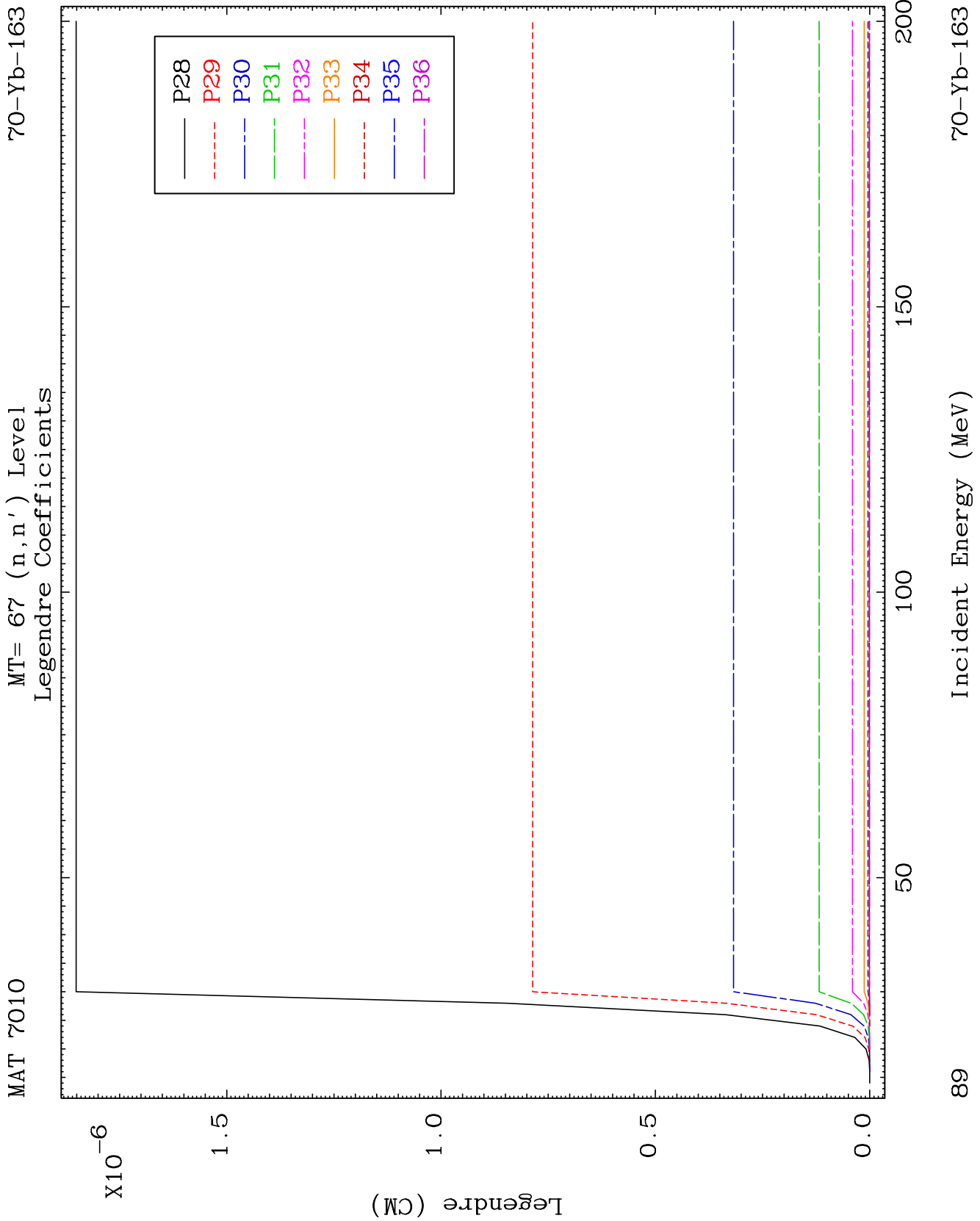


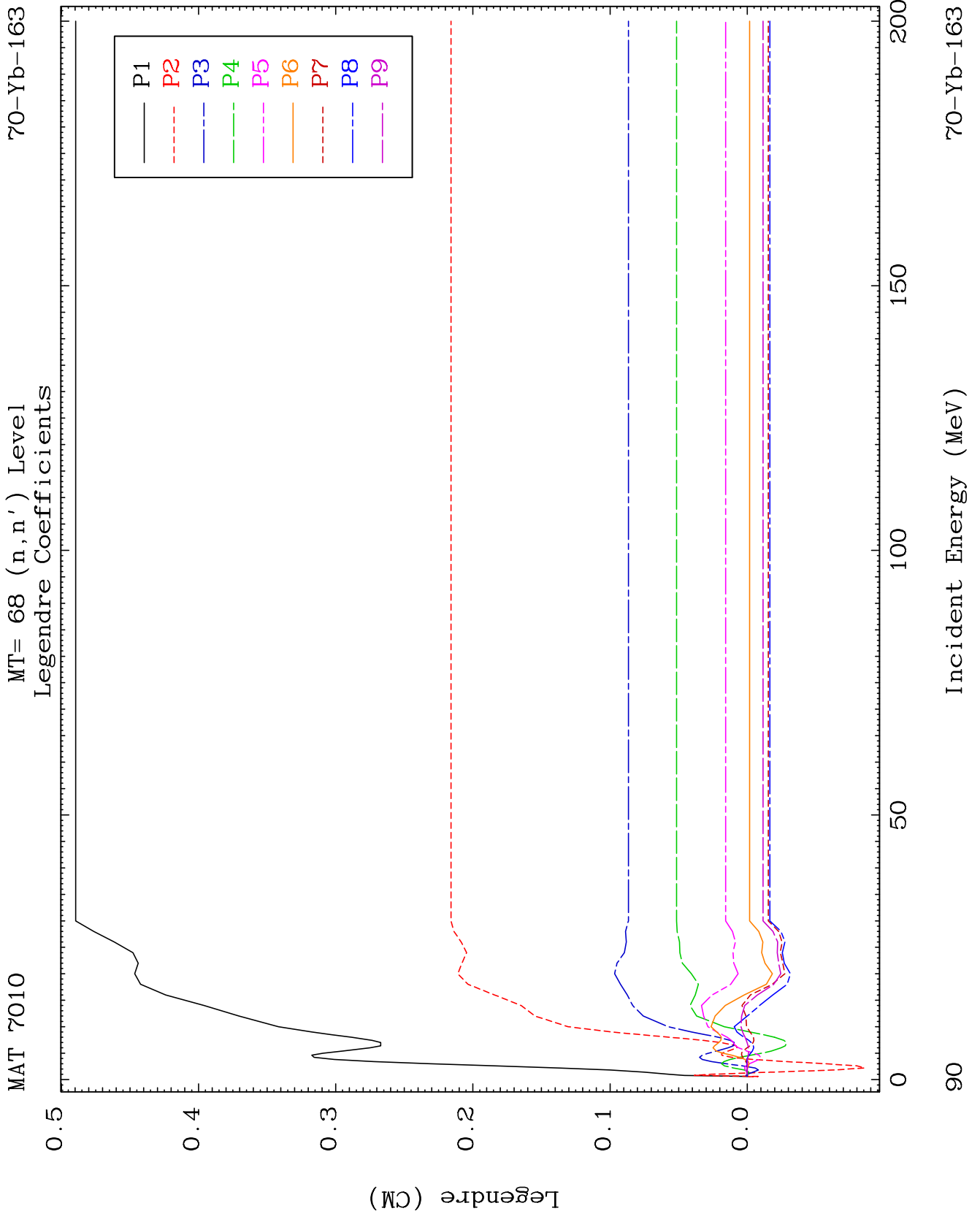
87

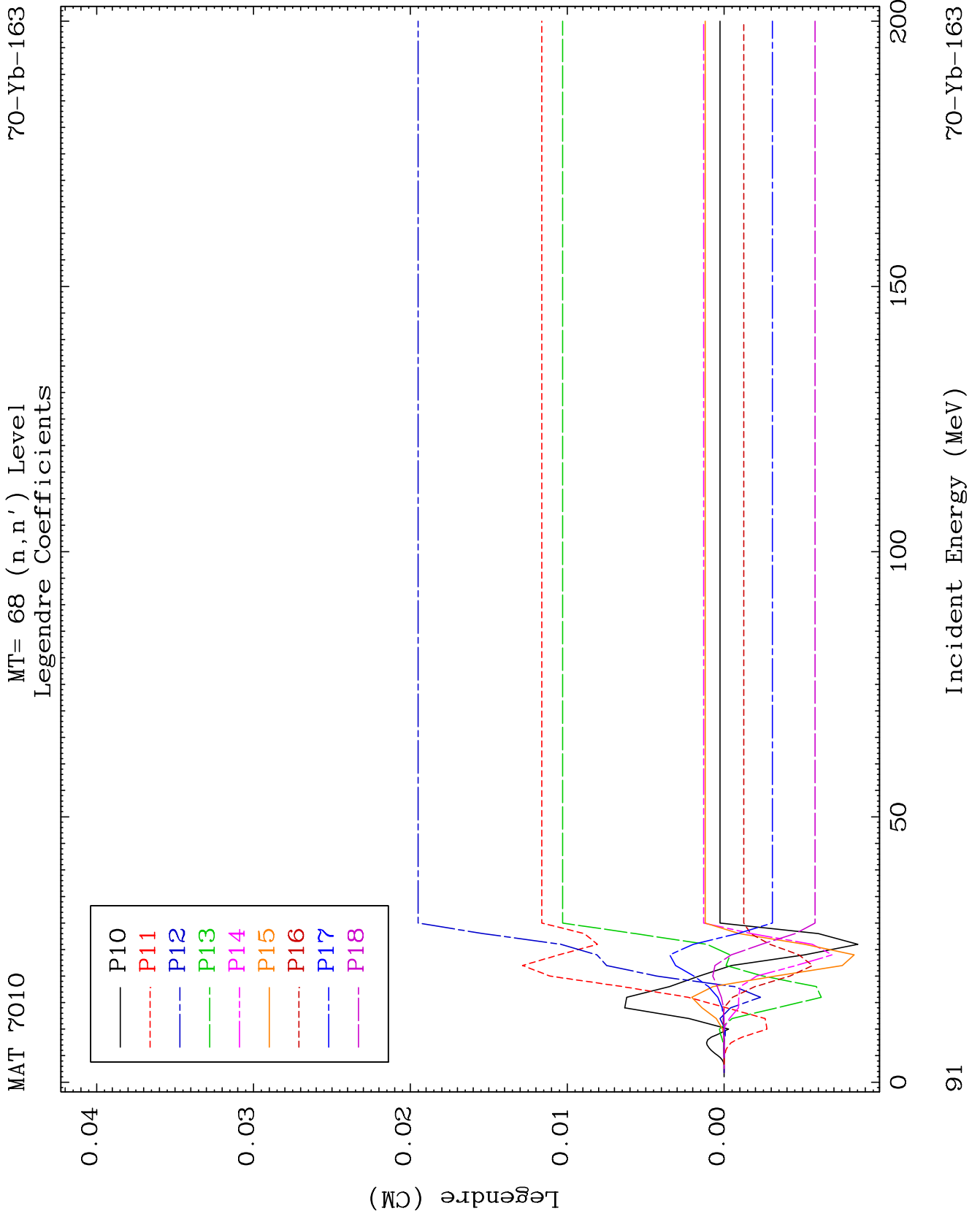
Incident Energy (MeV)

70-Yb-163





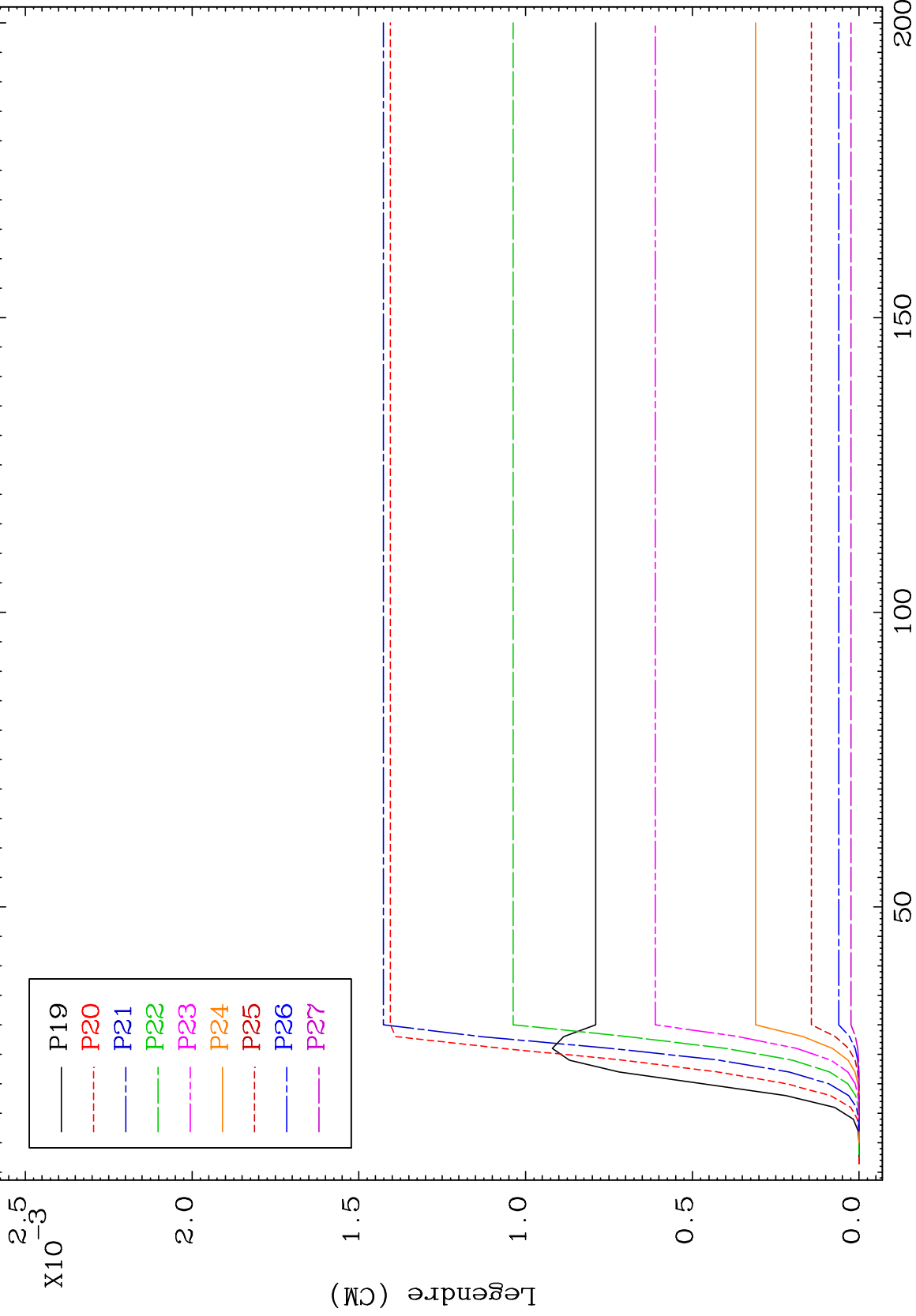




MAT 7010

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

70-Yb-163



92

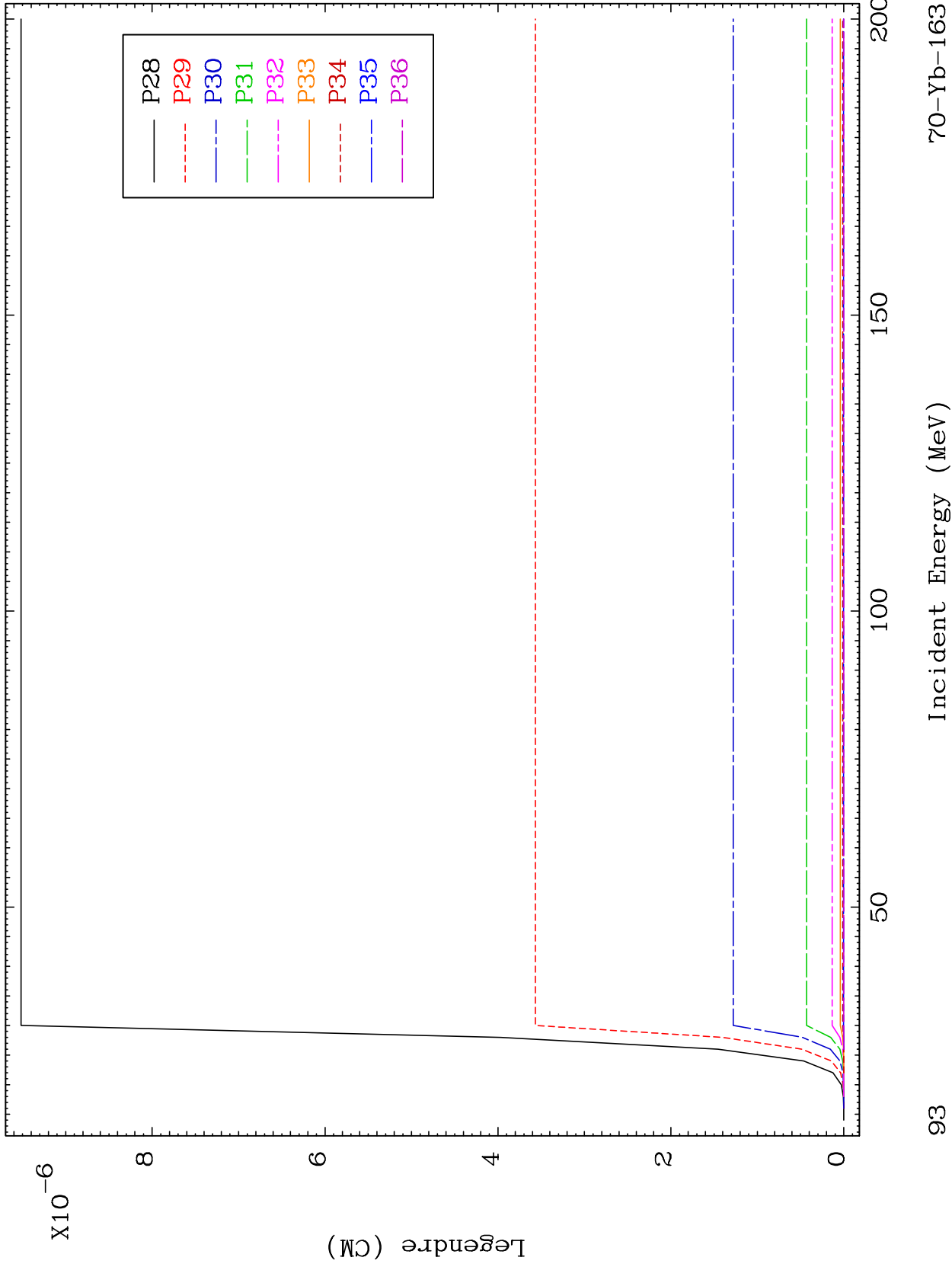
70-Yb-163

Incident Energy (MeV)

MAT 7010

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

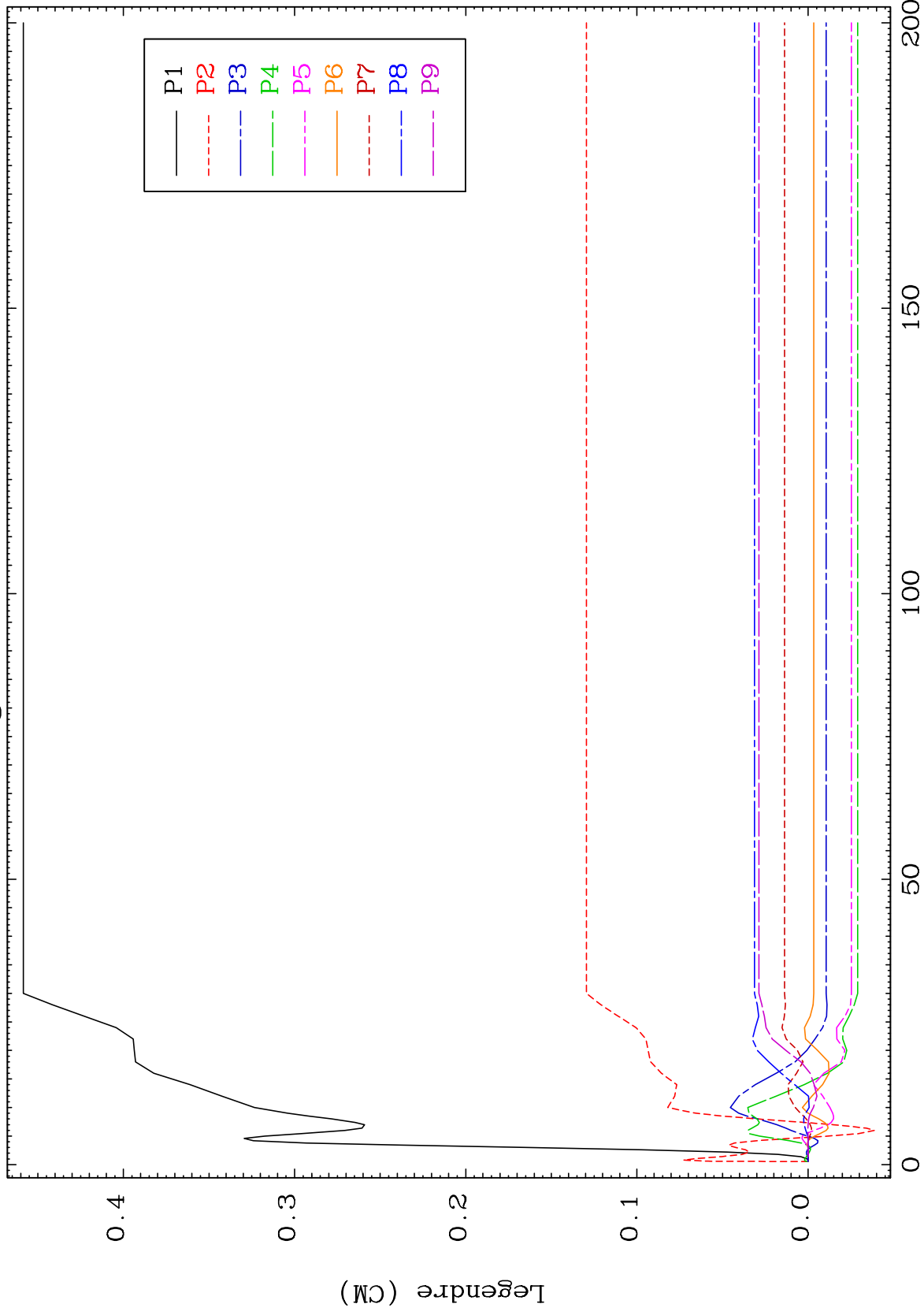
70-Yb-163



MAT 7010

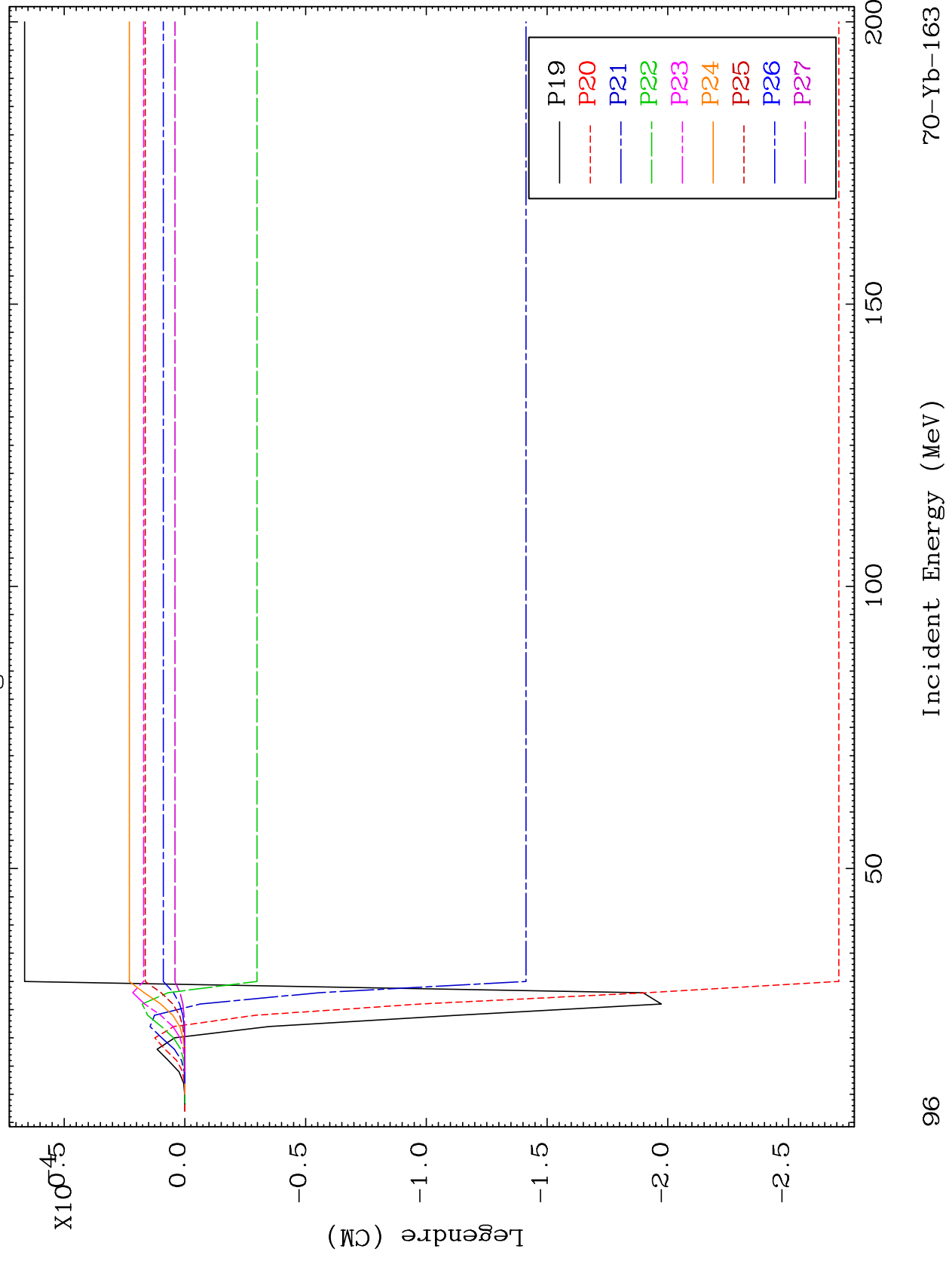
MT= 69 (n,n') Level
Legendre Coefficients

70-Yb-163



94

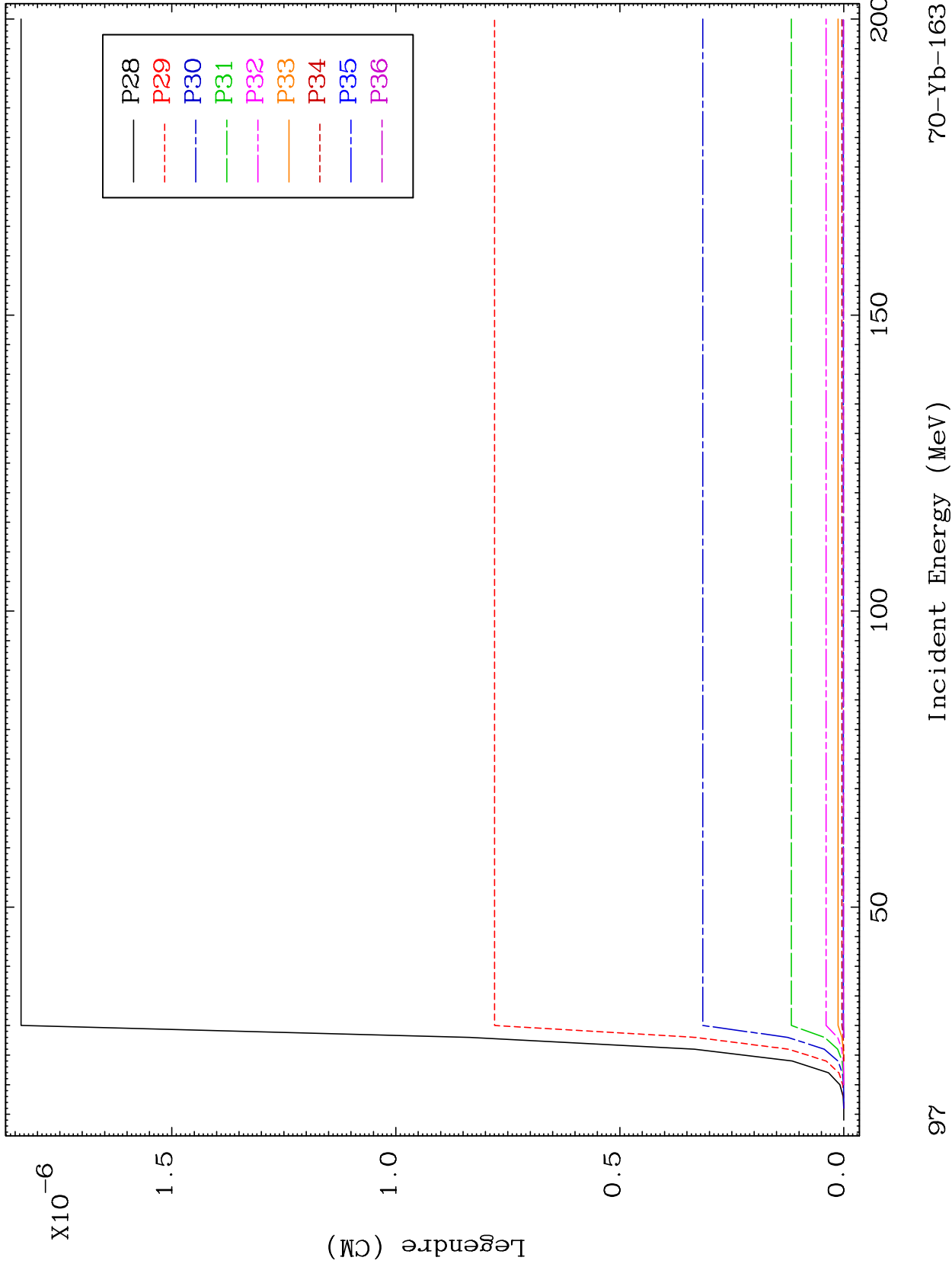
70-Yb-163

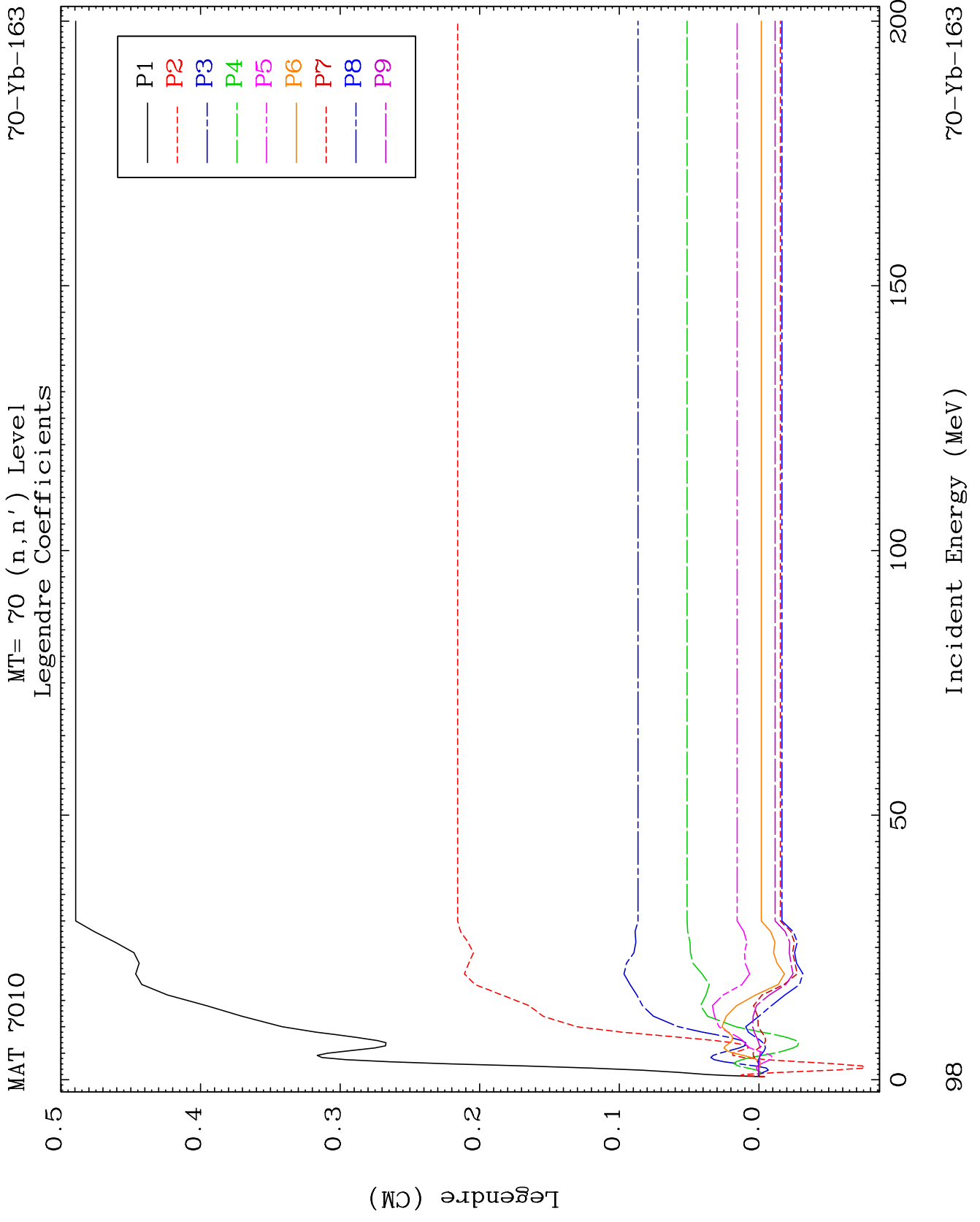


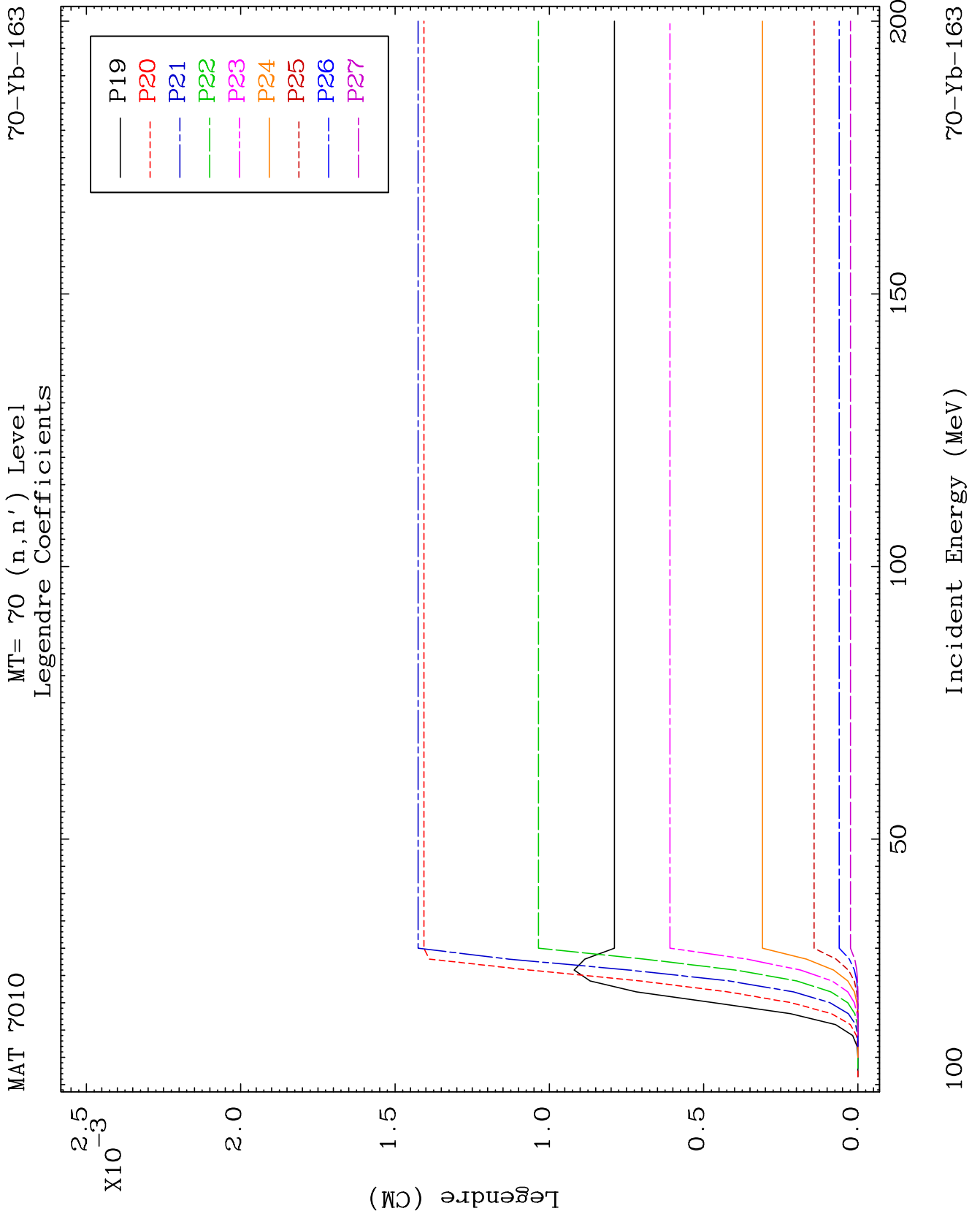
MAT 7010

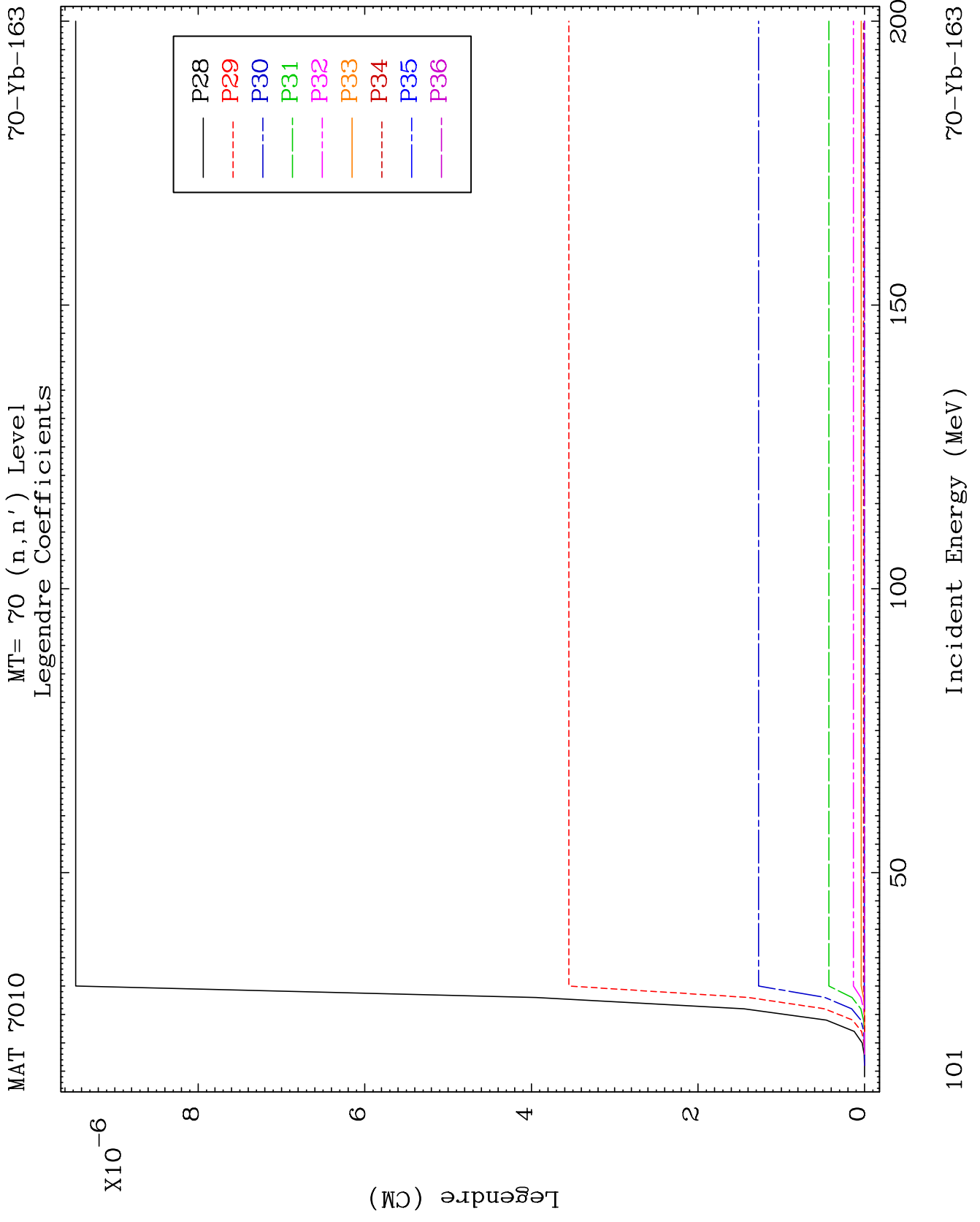
MT= 69 (n,n') Level
Legendre Coefficients

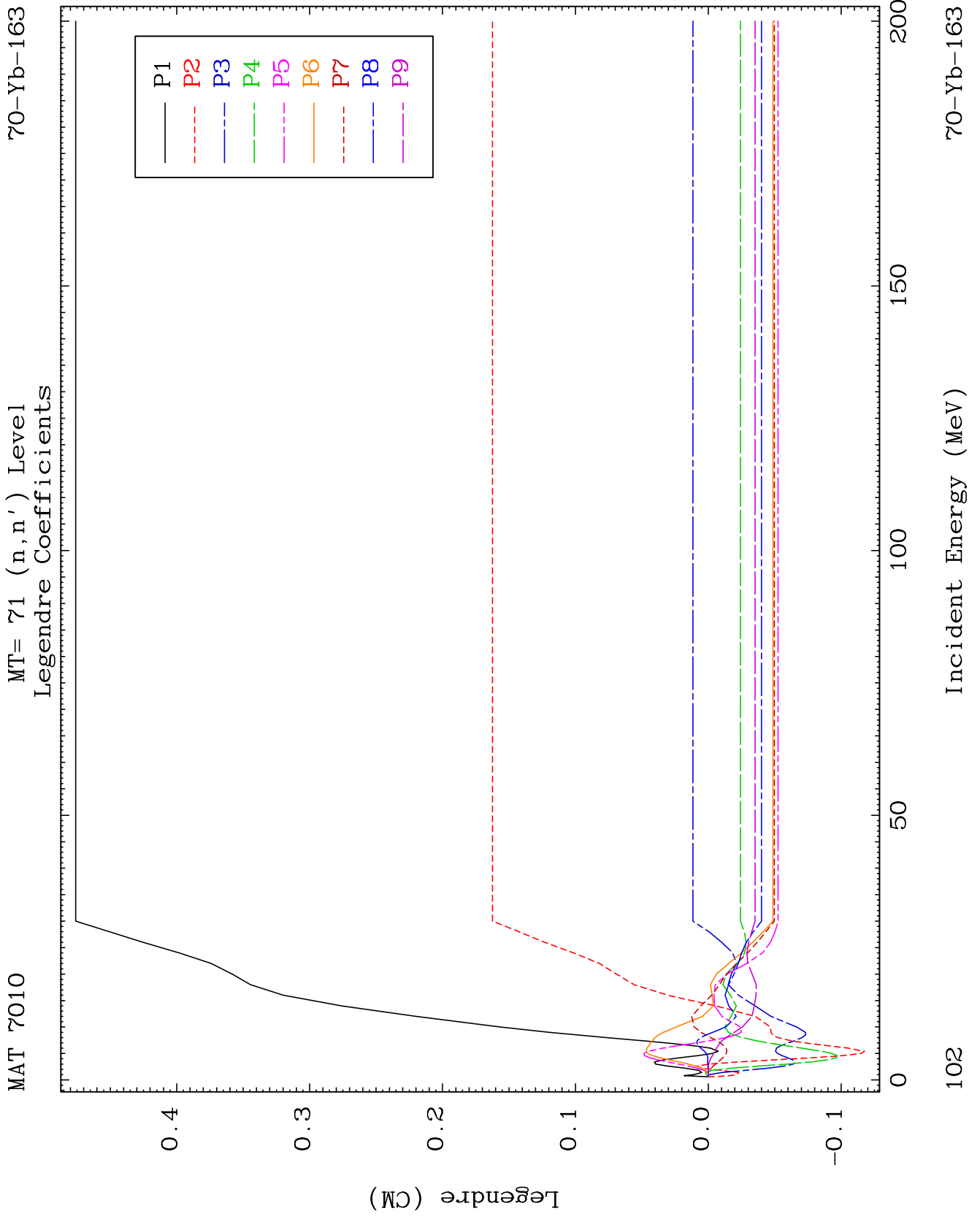
70-Yb-163







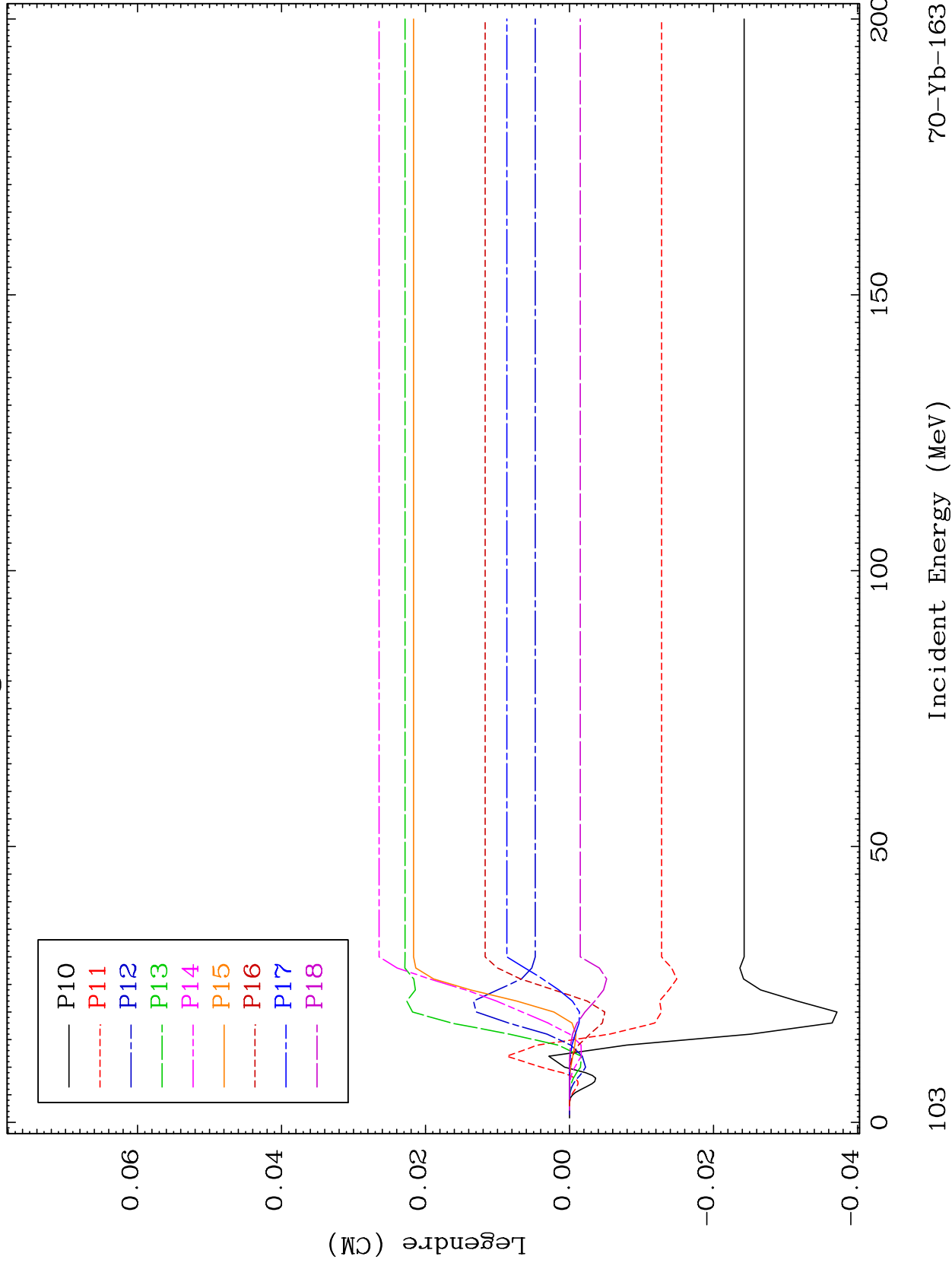




MAT 7010

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

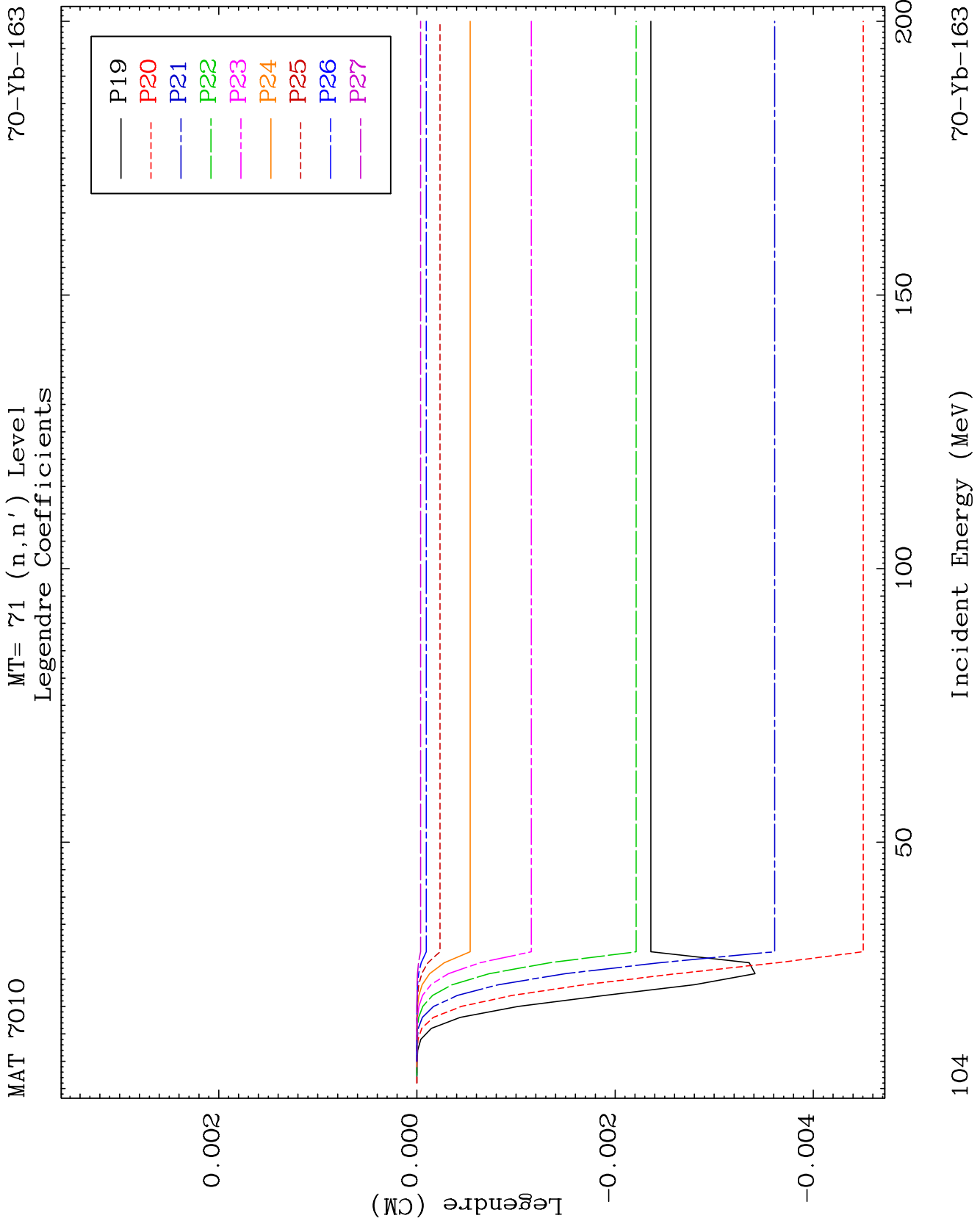
70-Yb-163

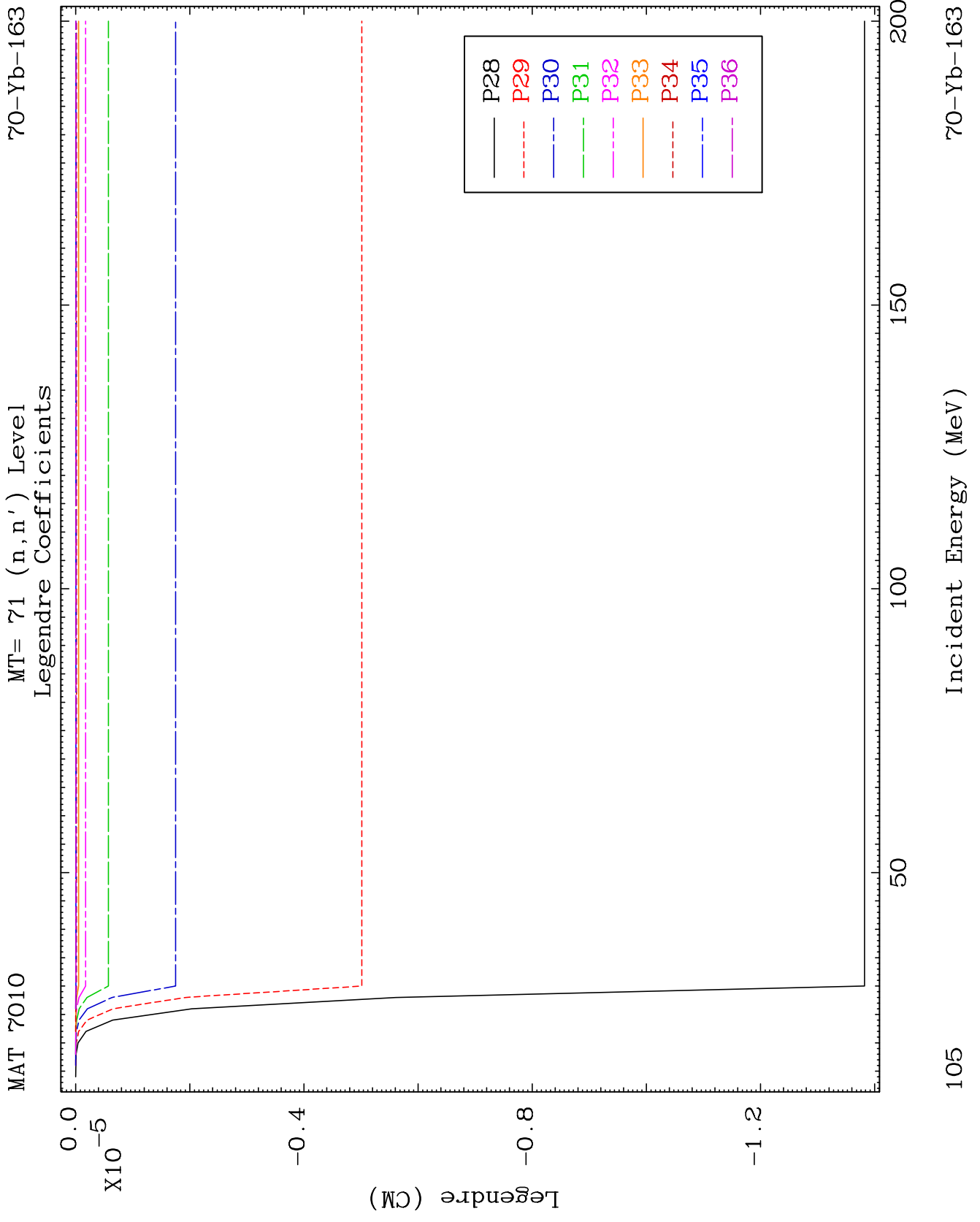


70-Yb-163

Incident Energy (MeV)

103

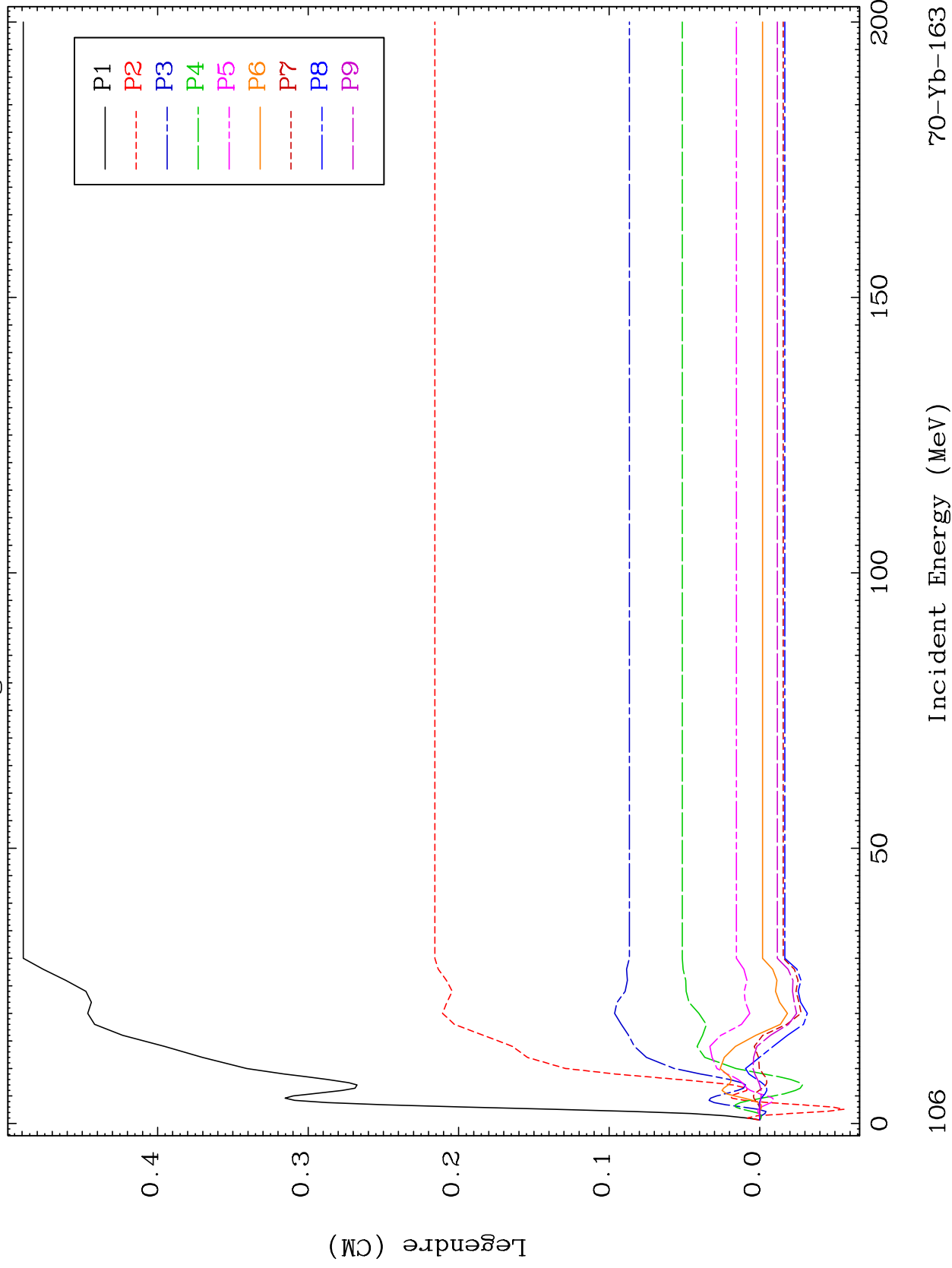




MAT 7010

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

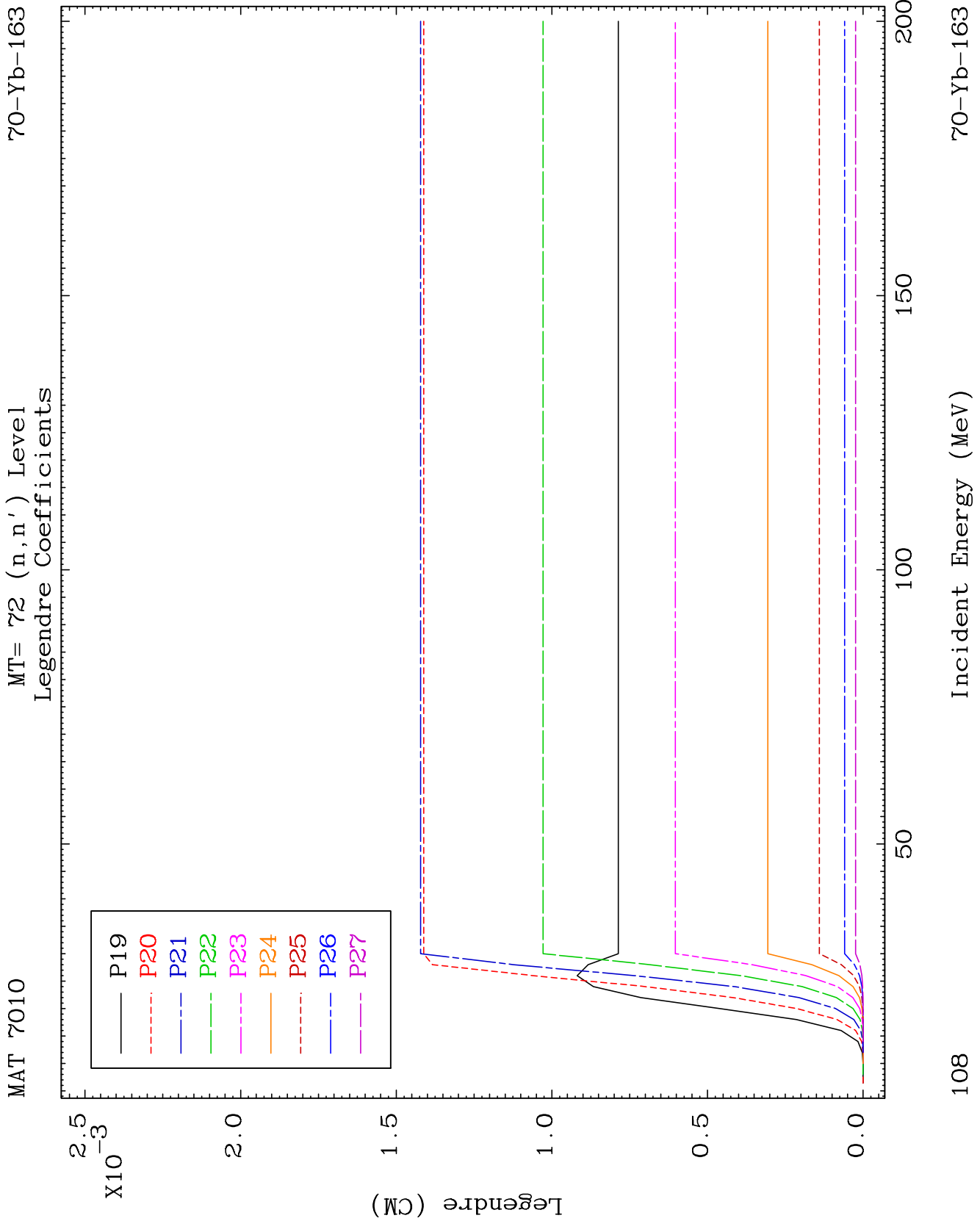
70-Yb-163

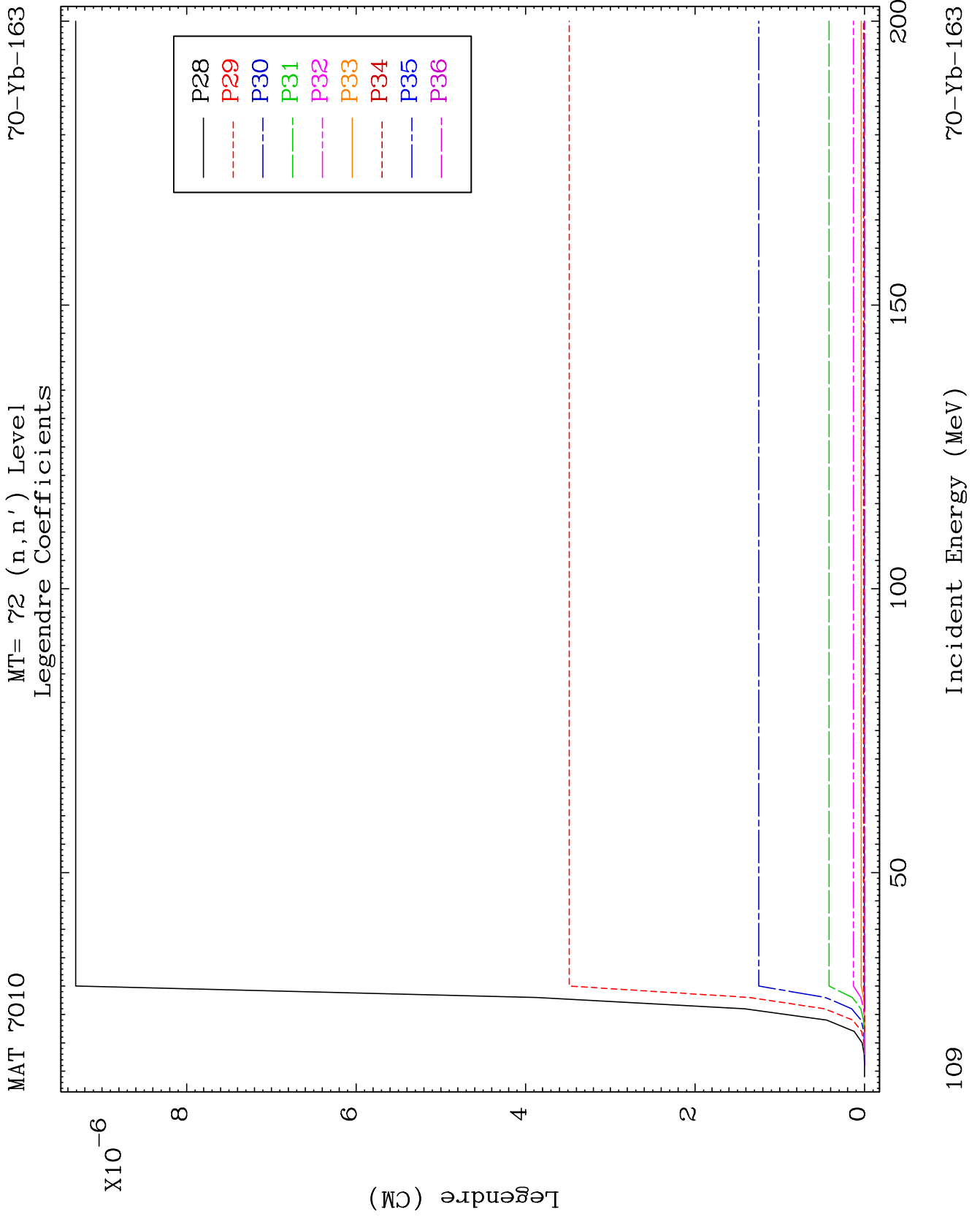


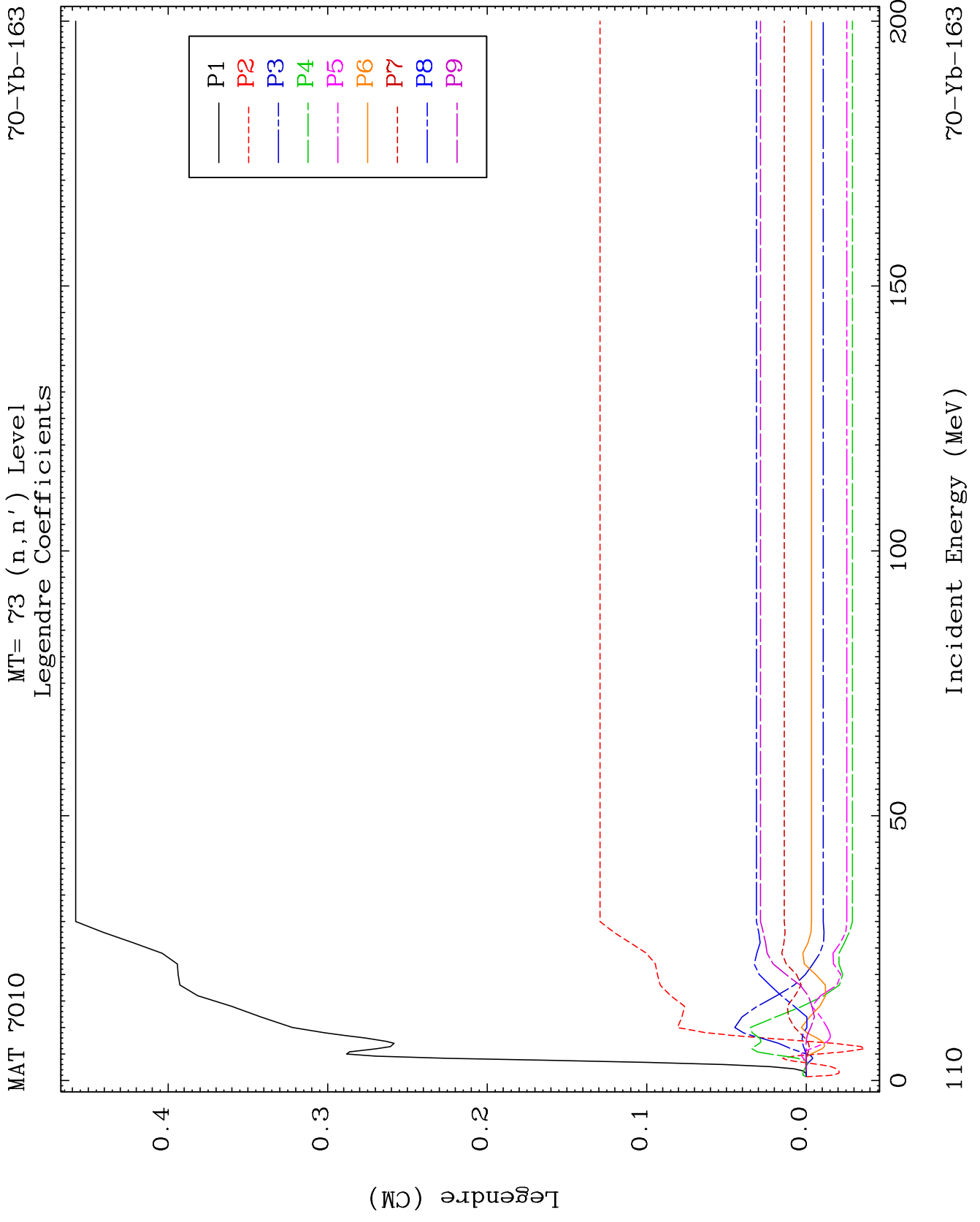
106

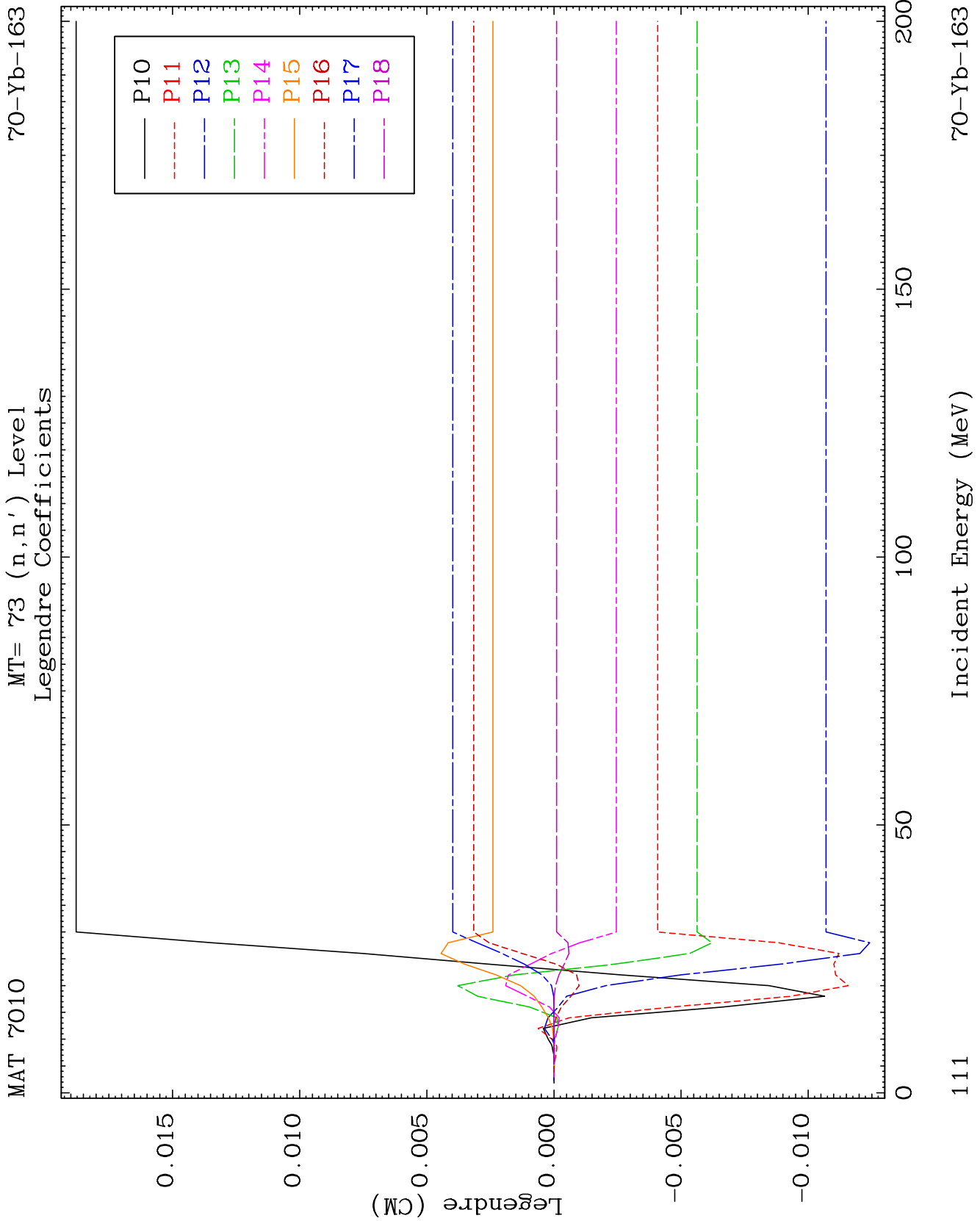
Incident Energy (MeV)

70-Yb-163





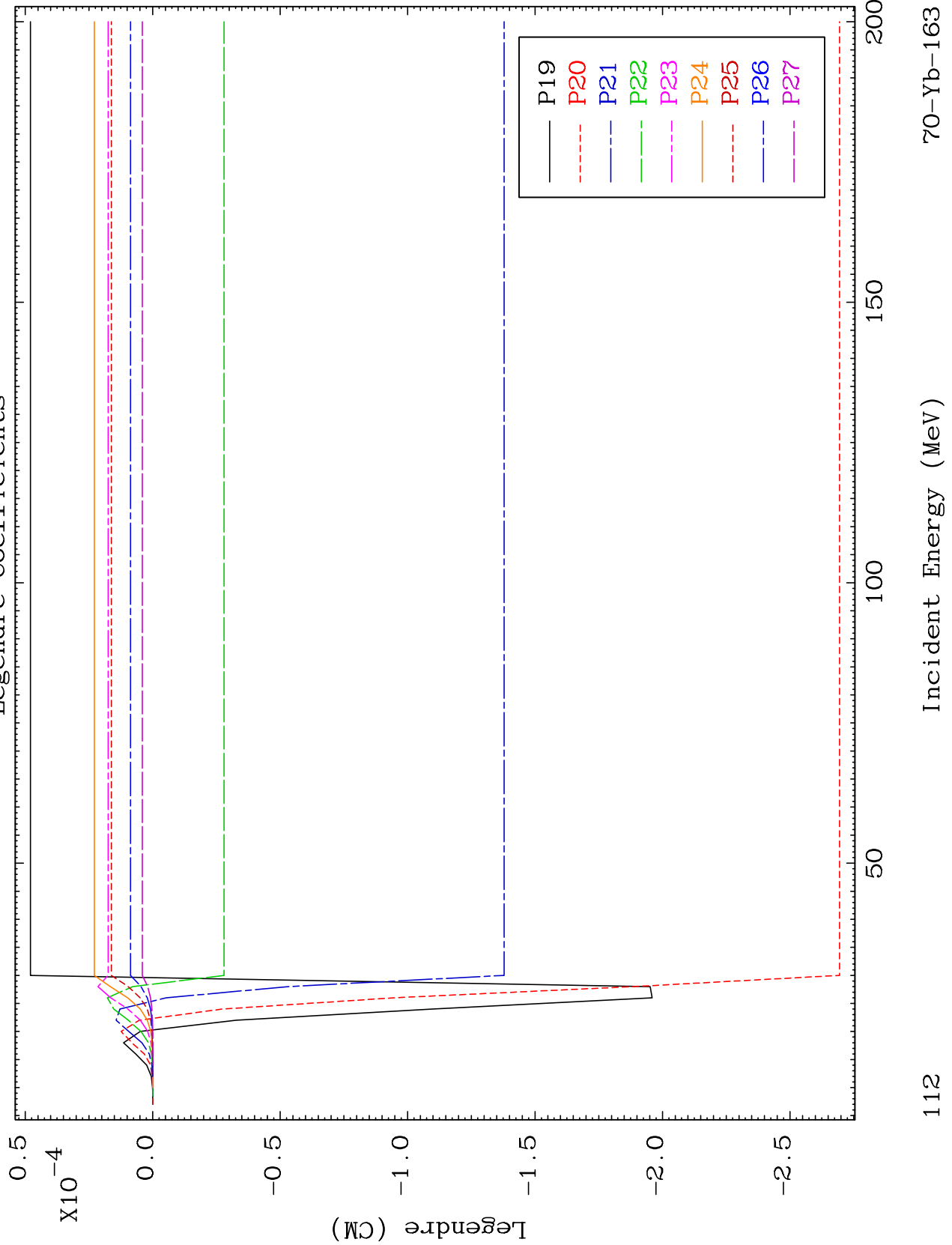


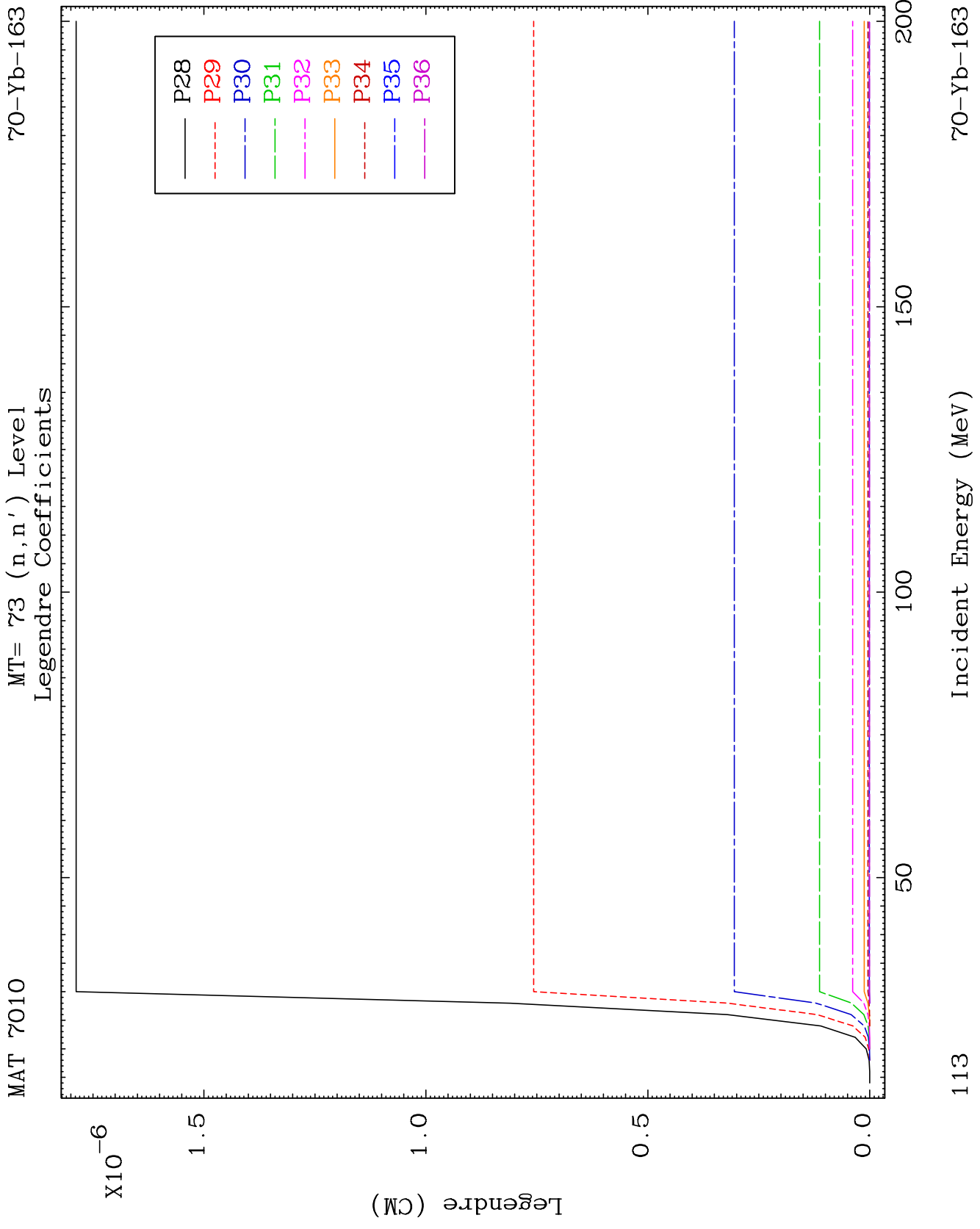


MAT 7010

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

70-Yb-163

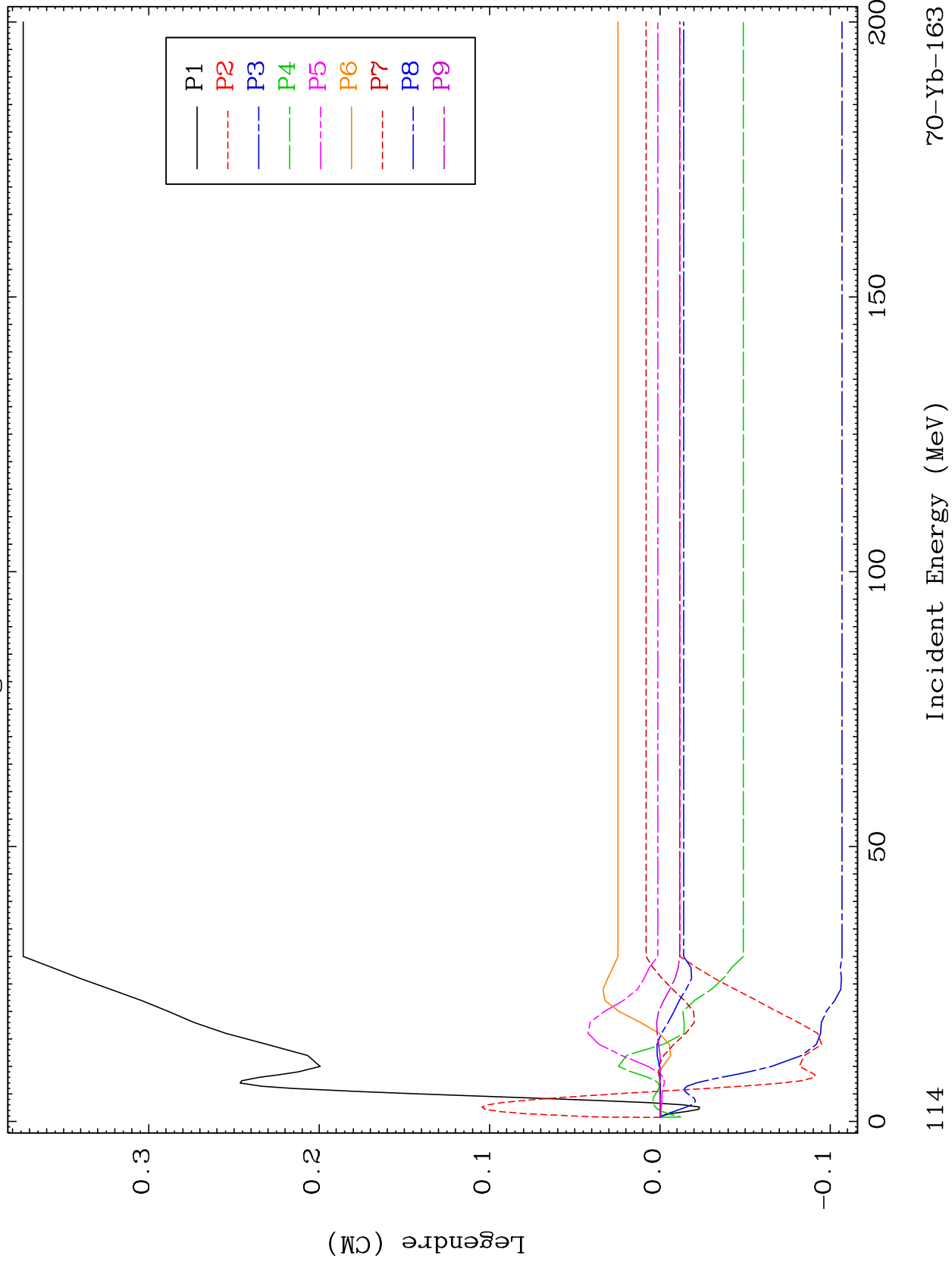




MAT 7010

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

70-Yb-163



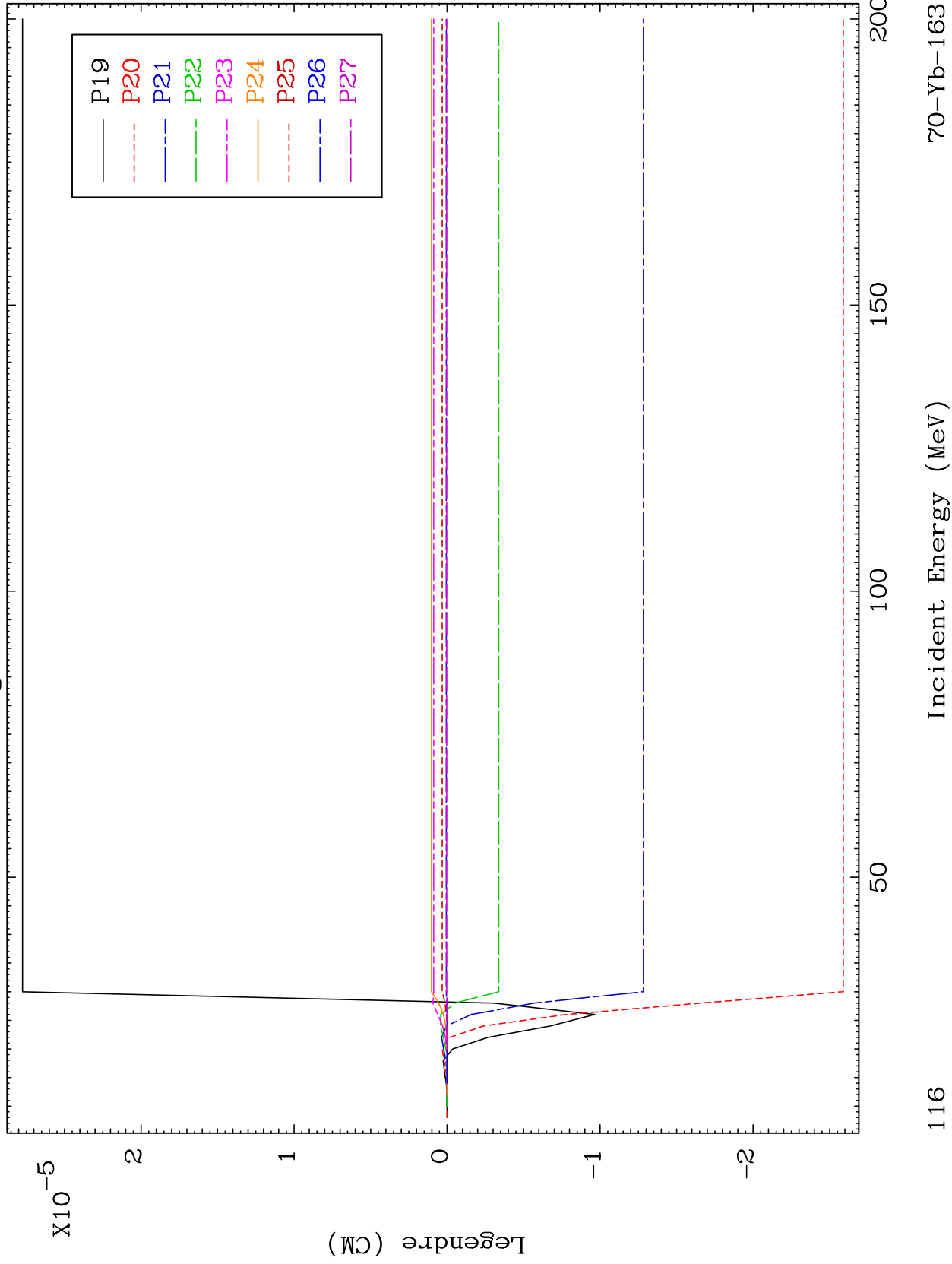
114

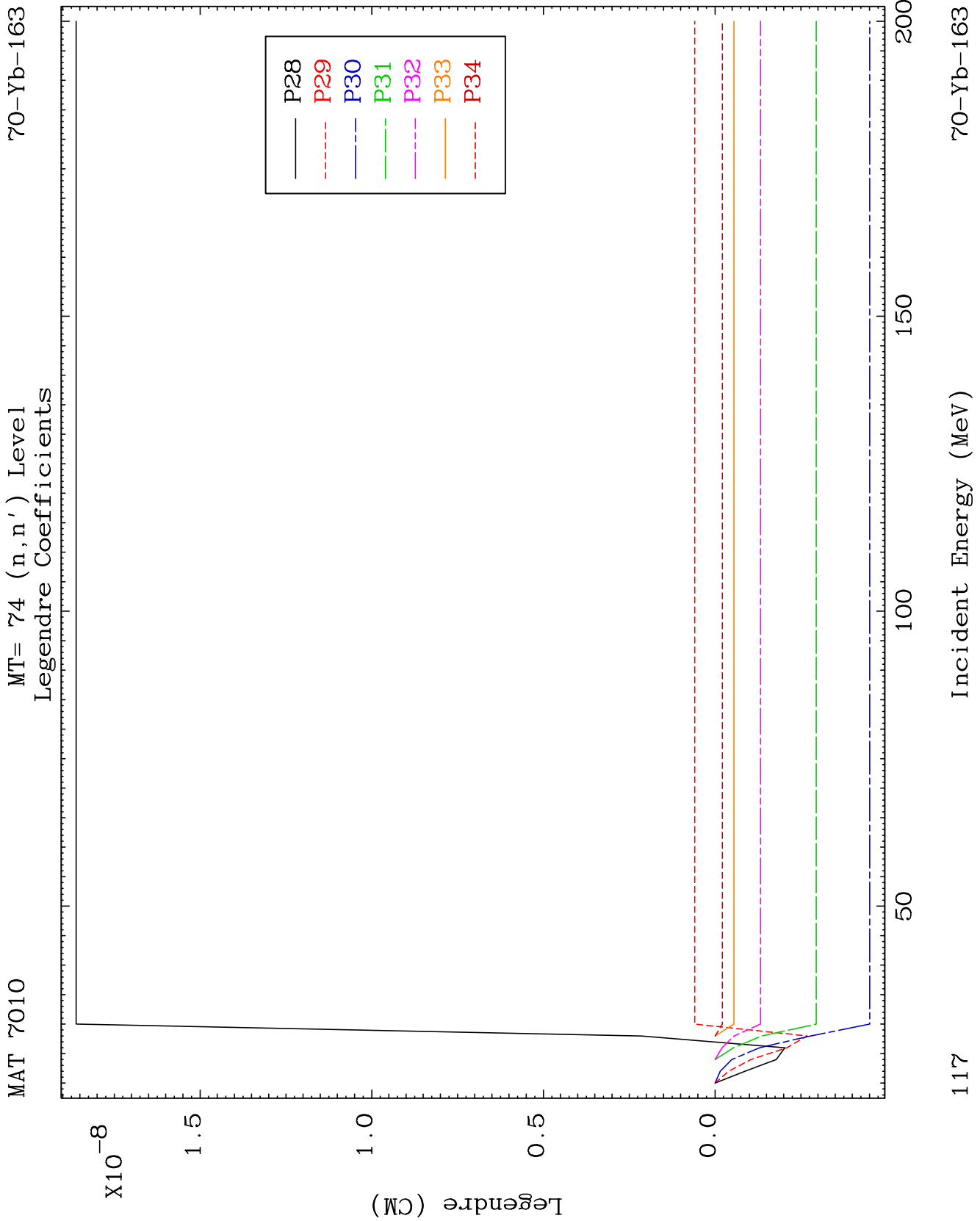
70-Yb-163

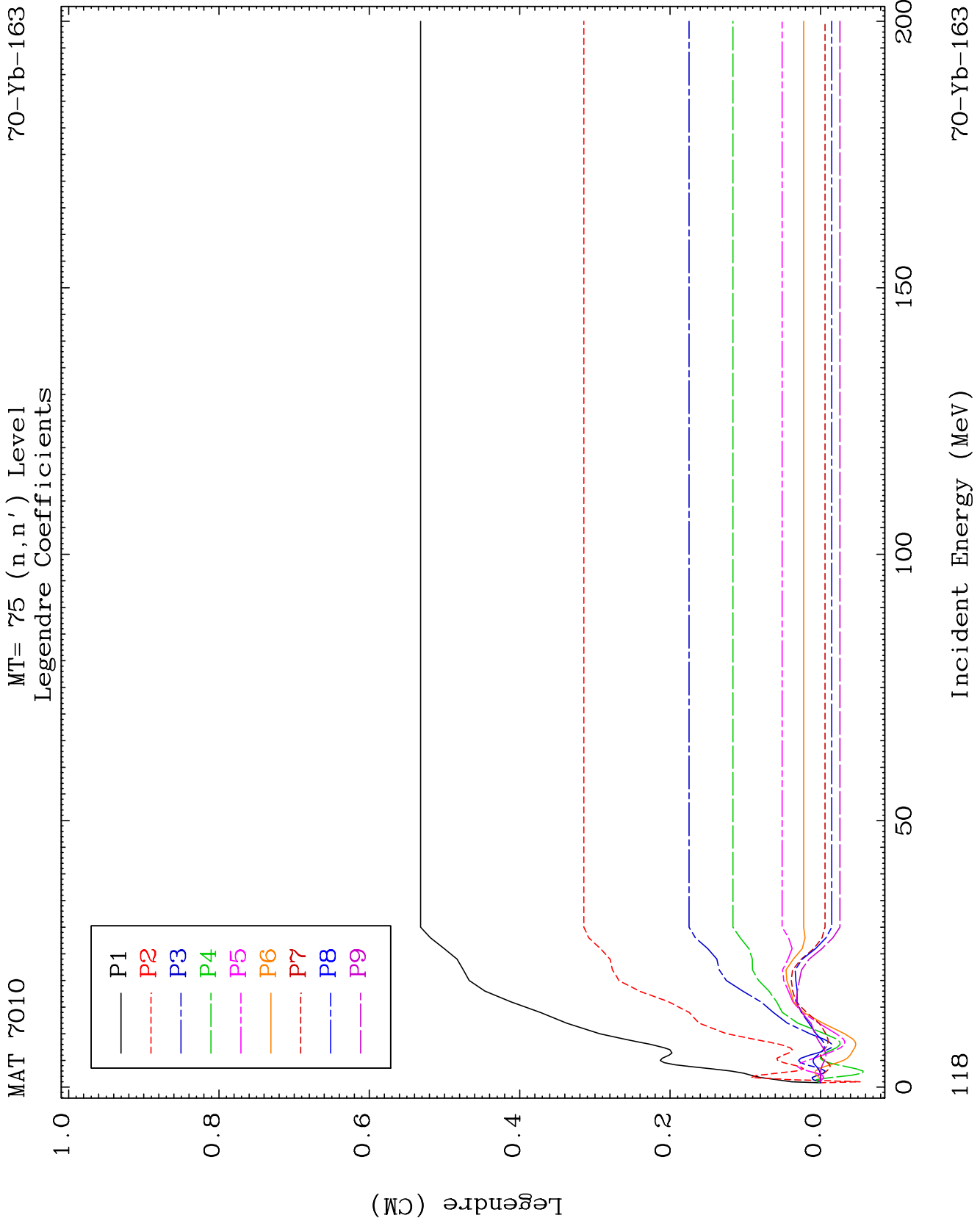
MAT 7010

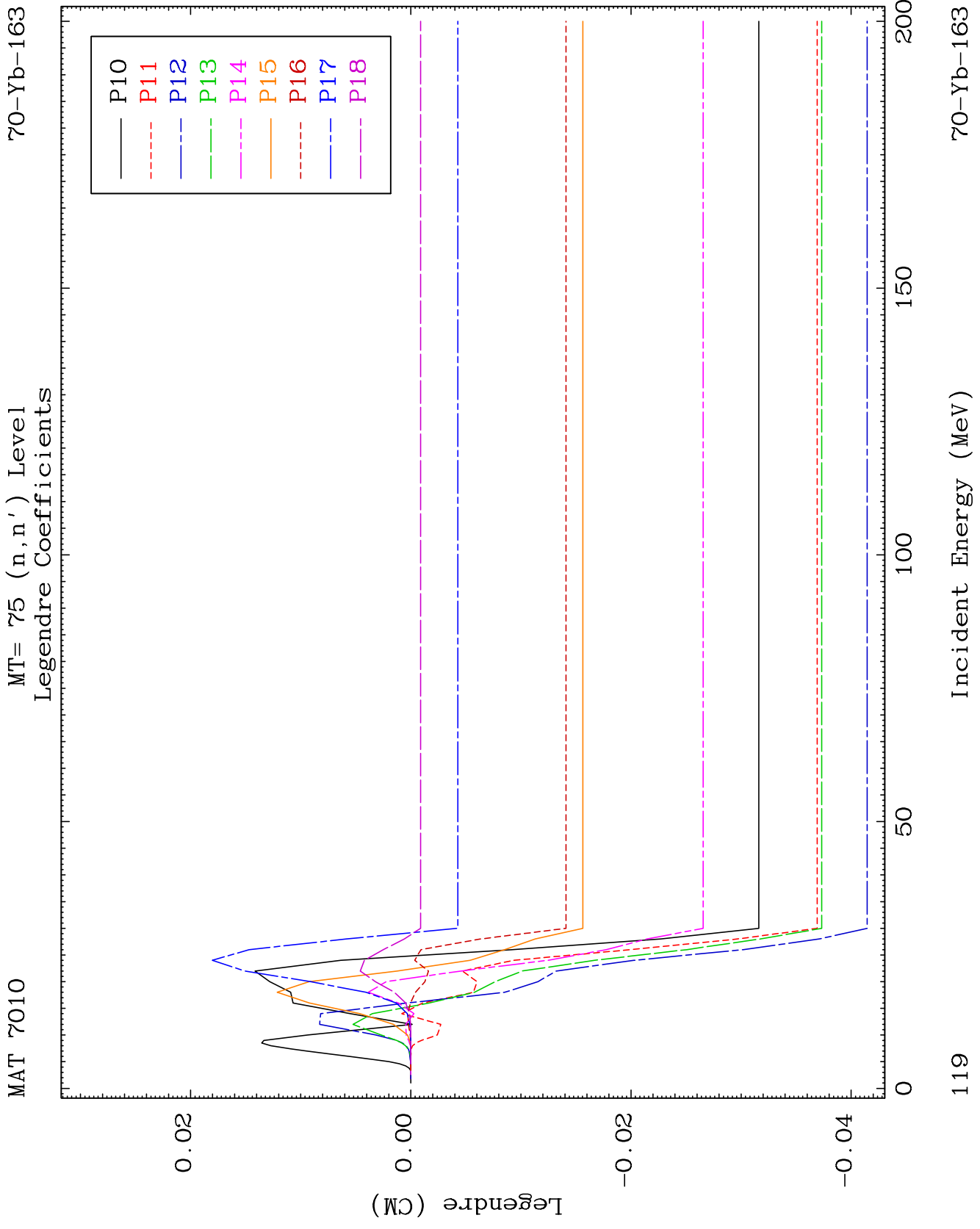
MT= 74 (n,n') Level
Legendre Coefficients

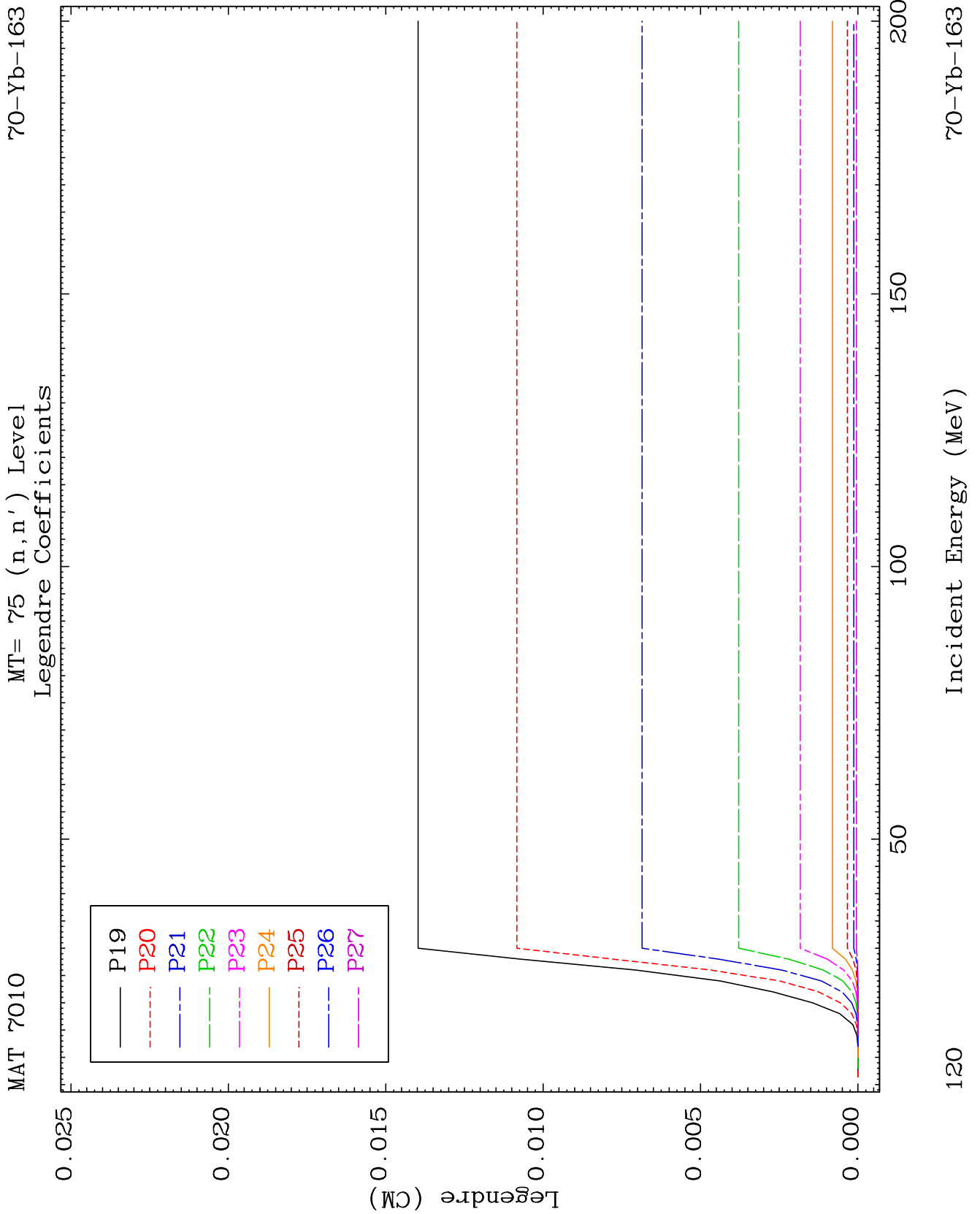
70-Yb-163







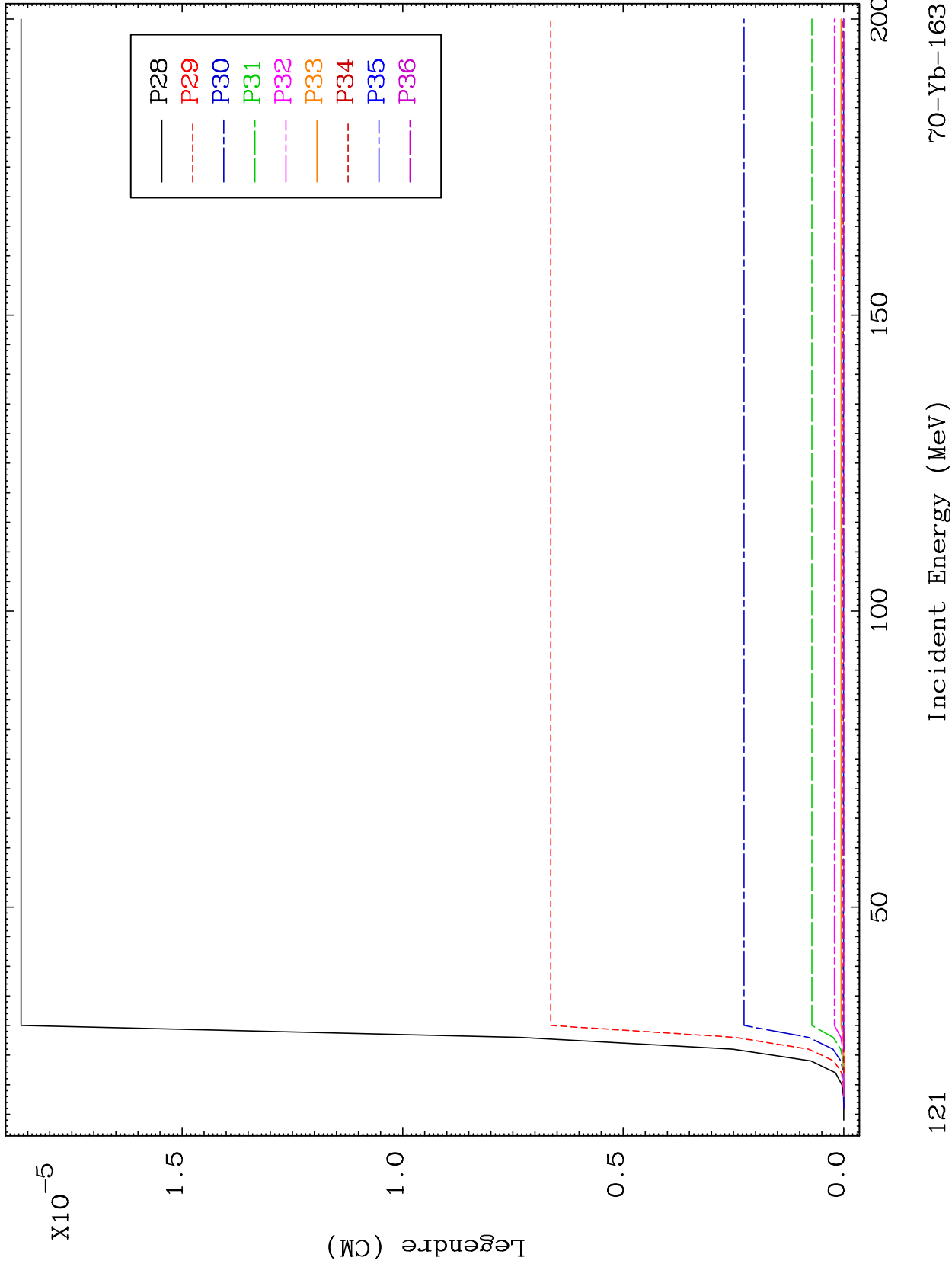


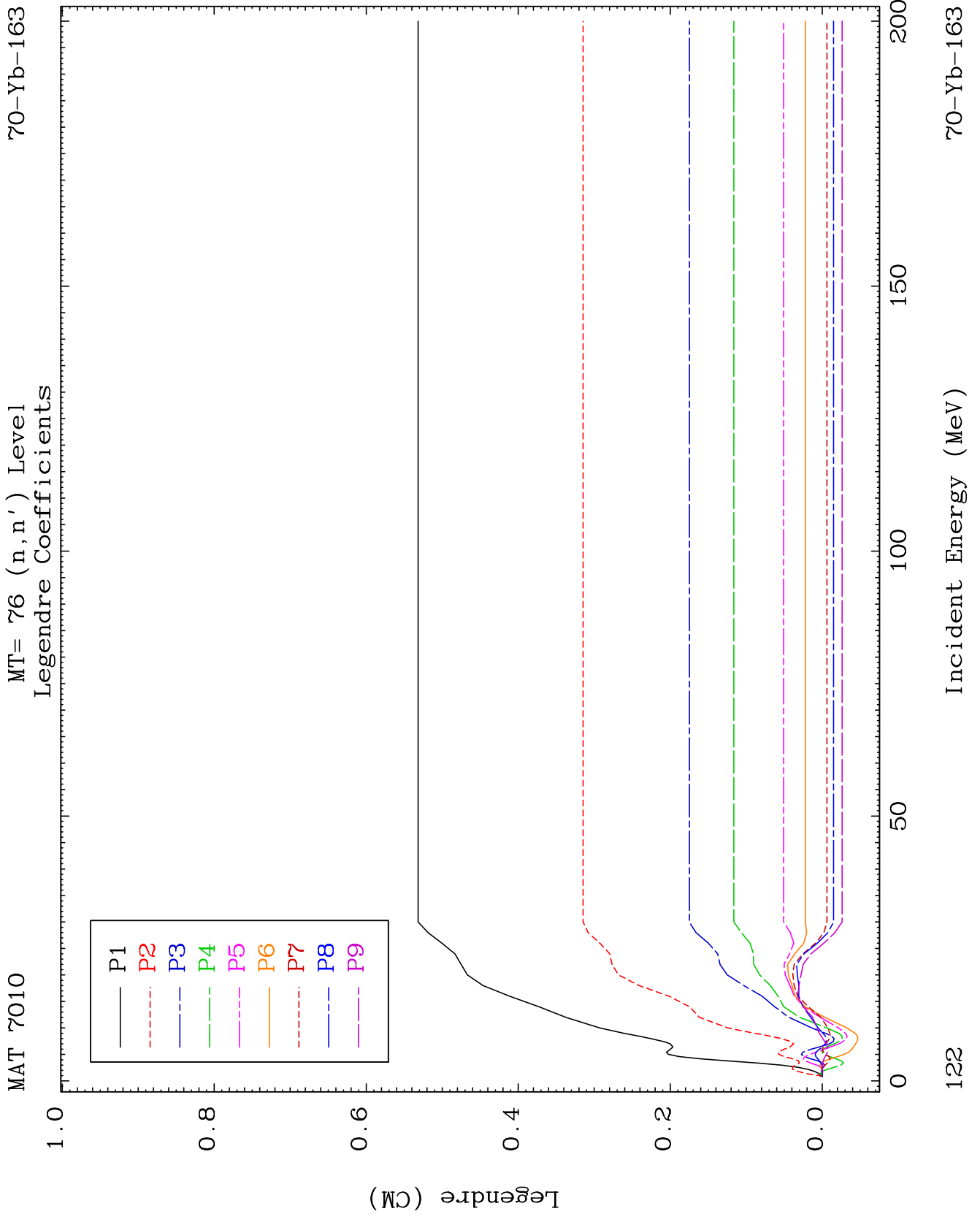


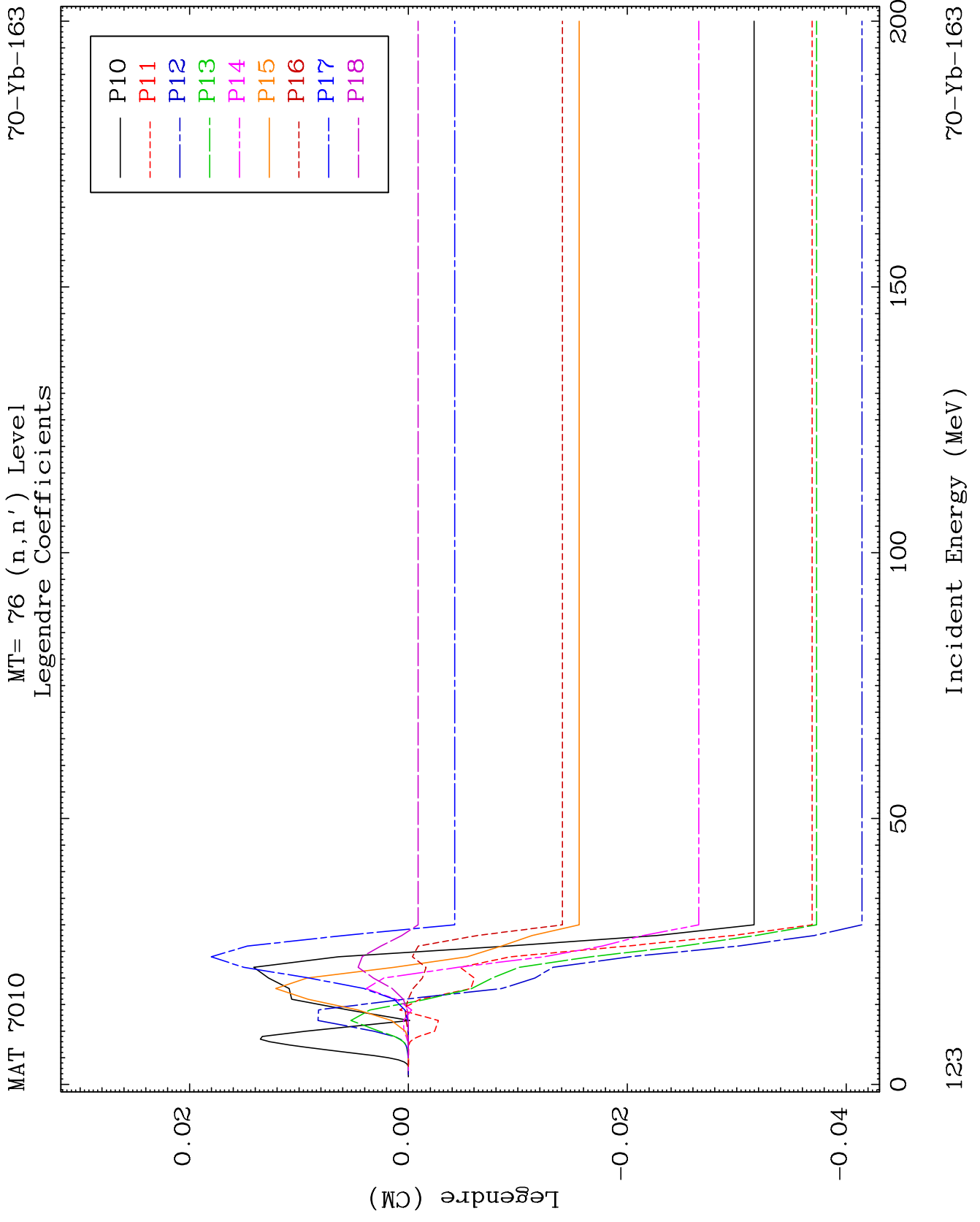
MAT 7010

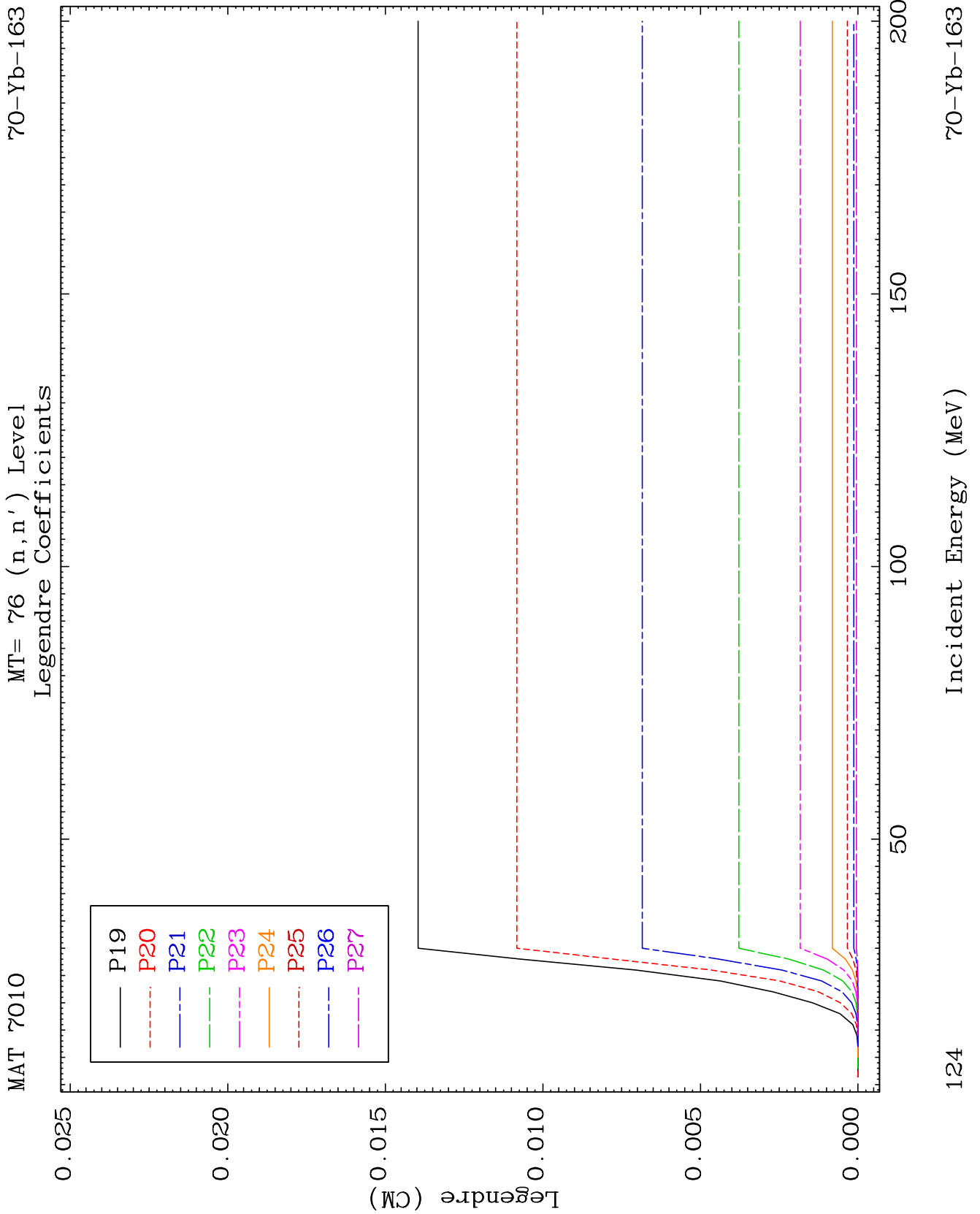
MT= 75 (n,n') Level
Legendre Coefficients

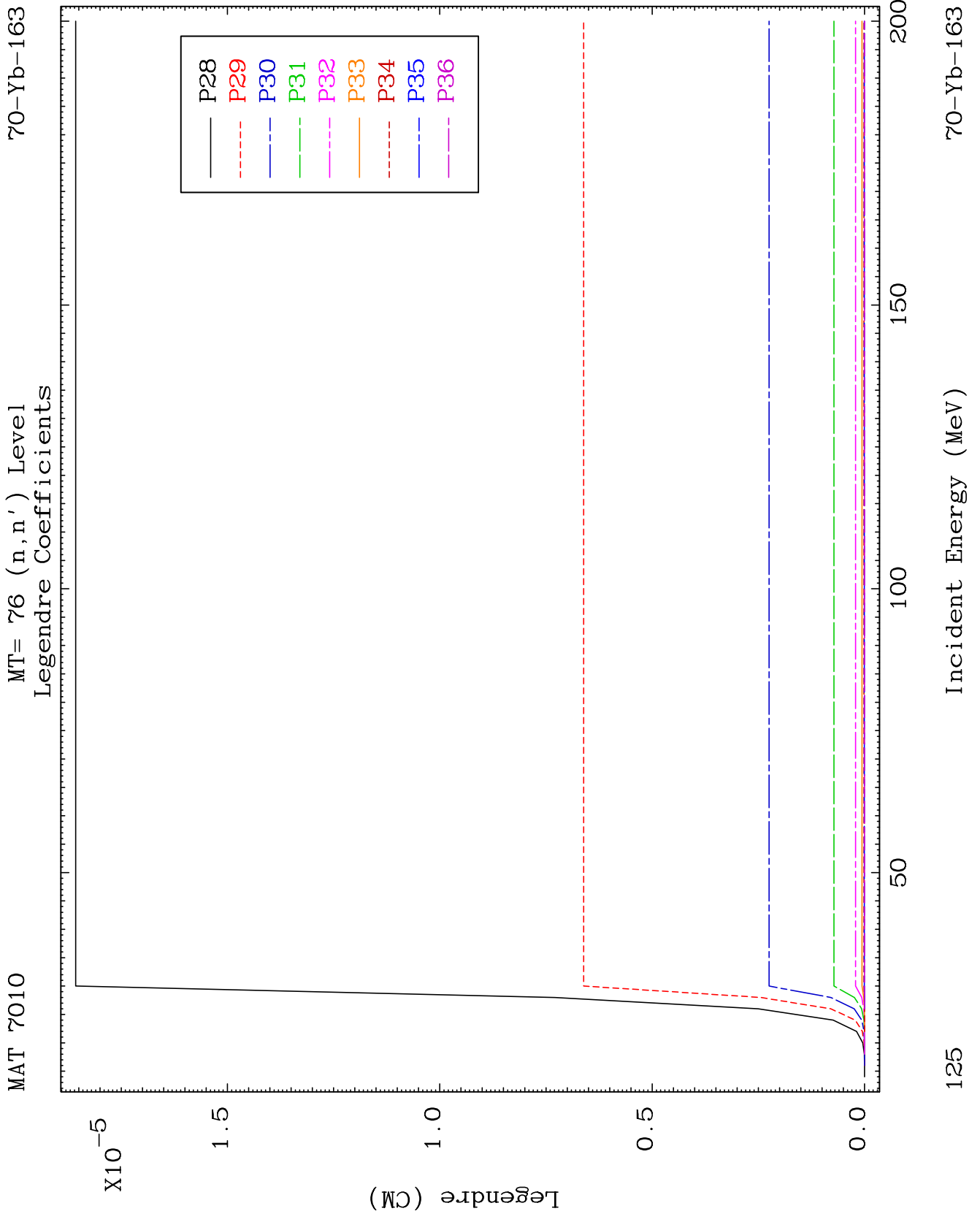
70-Yb-163







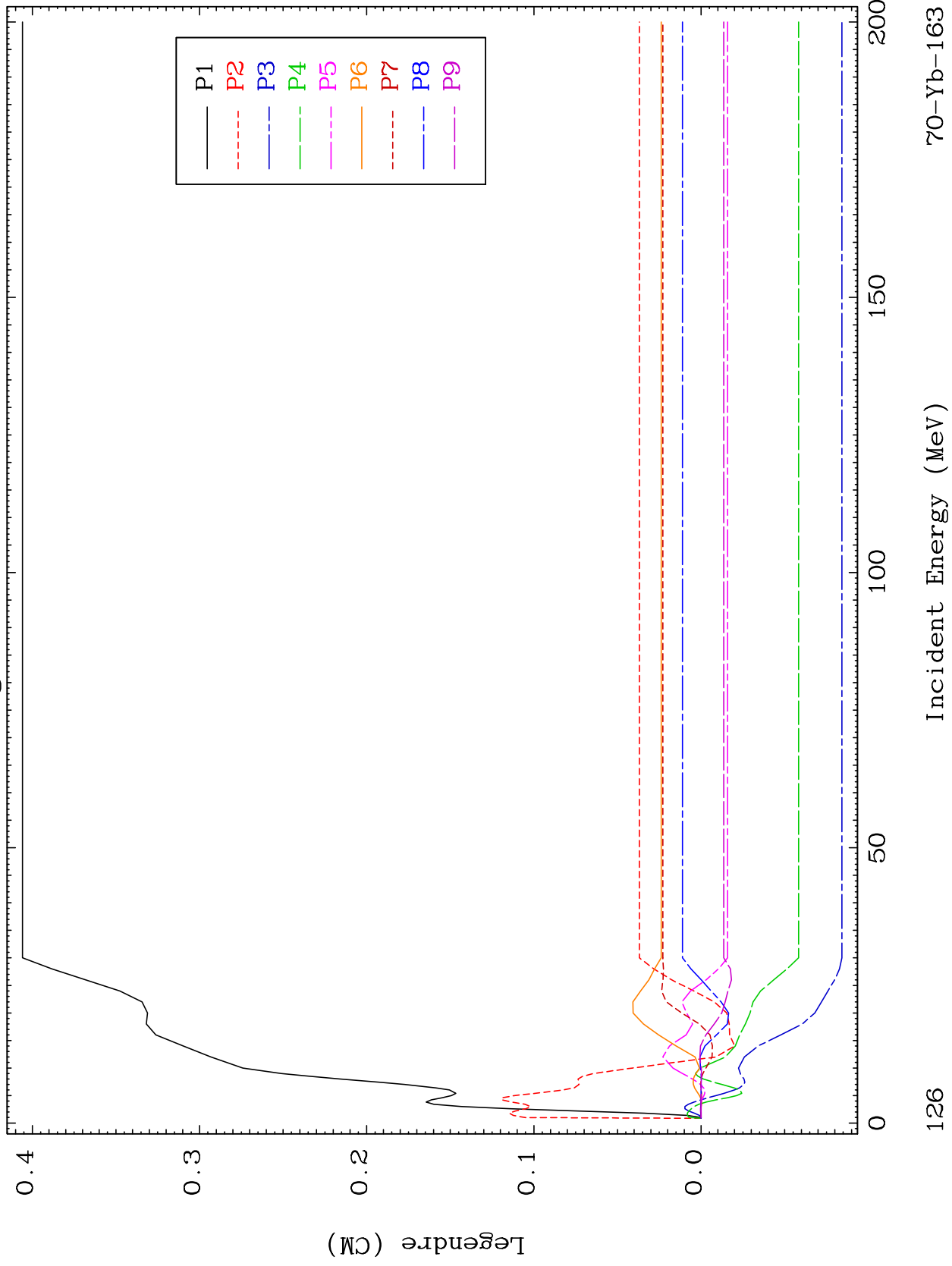




MAT 7010

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

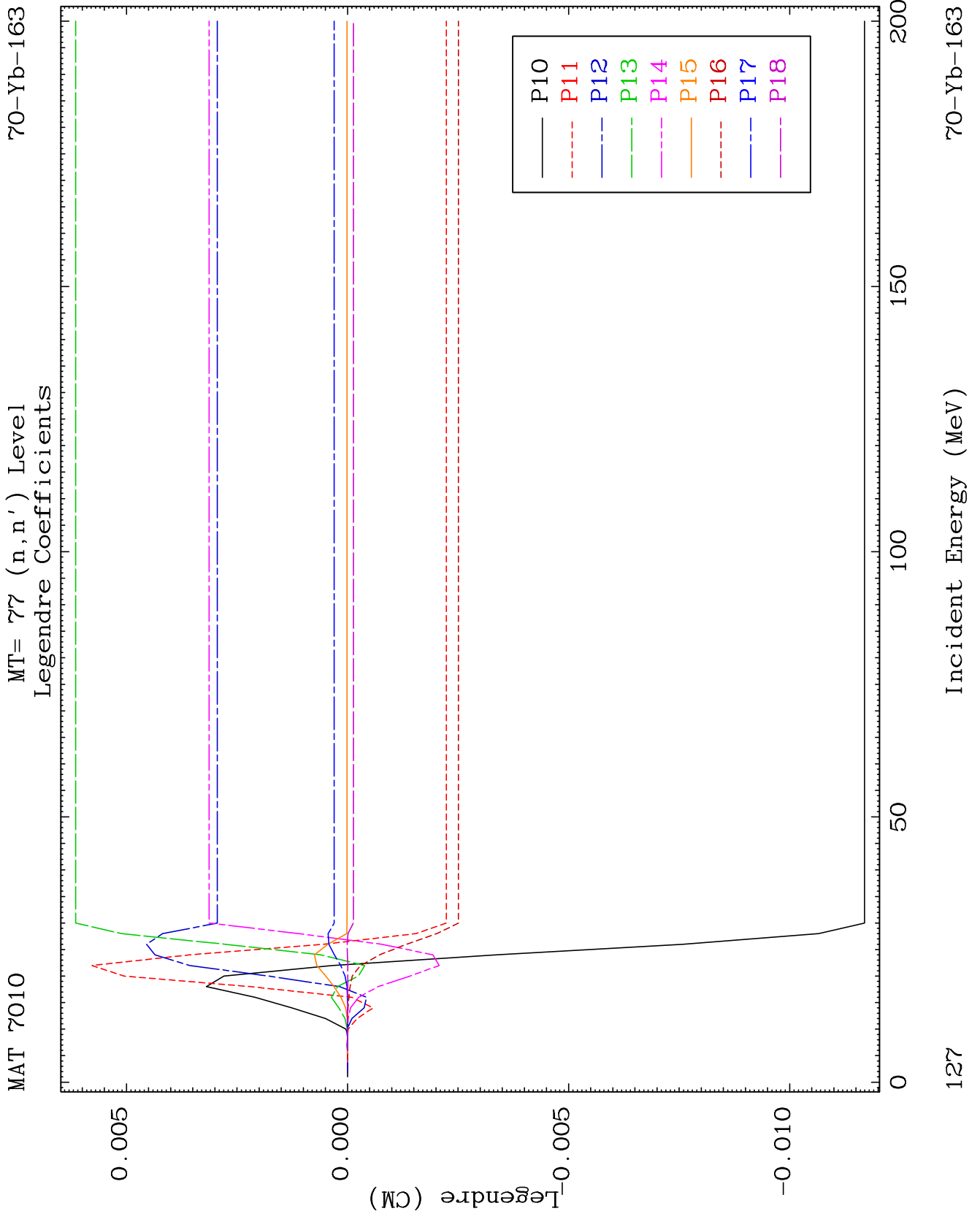
70-Yb-163



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Incident Energy (MeV)

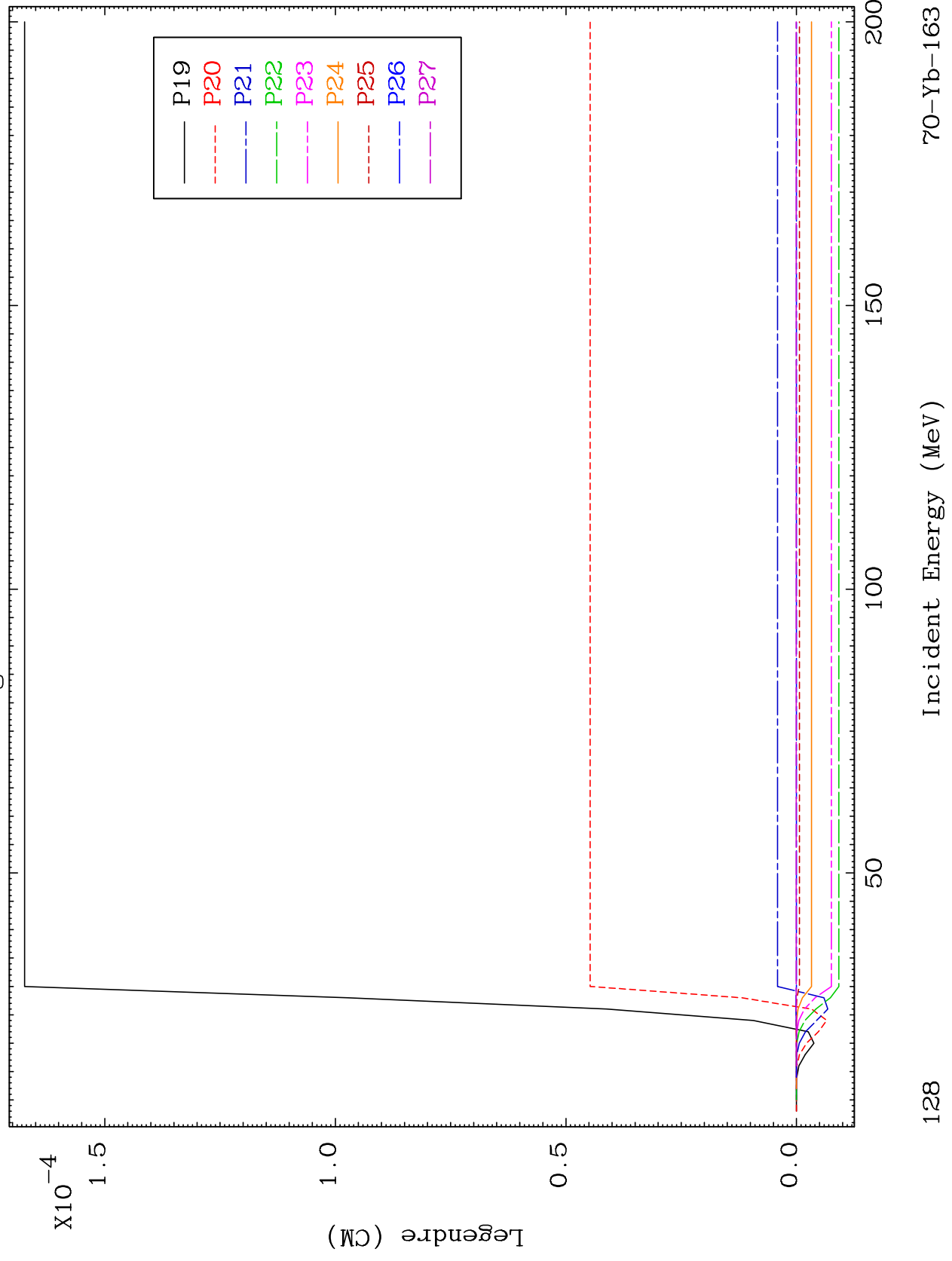
70-Yb-163



MAT 7010

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

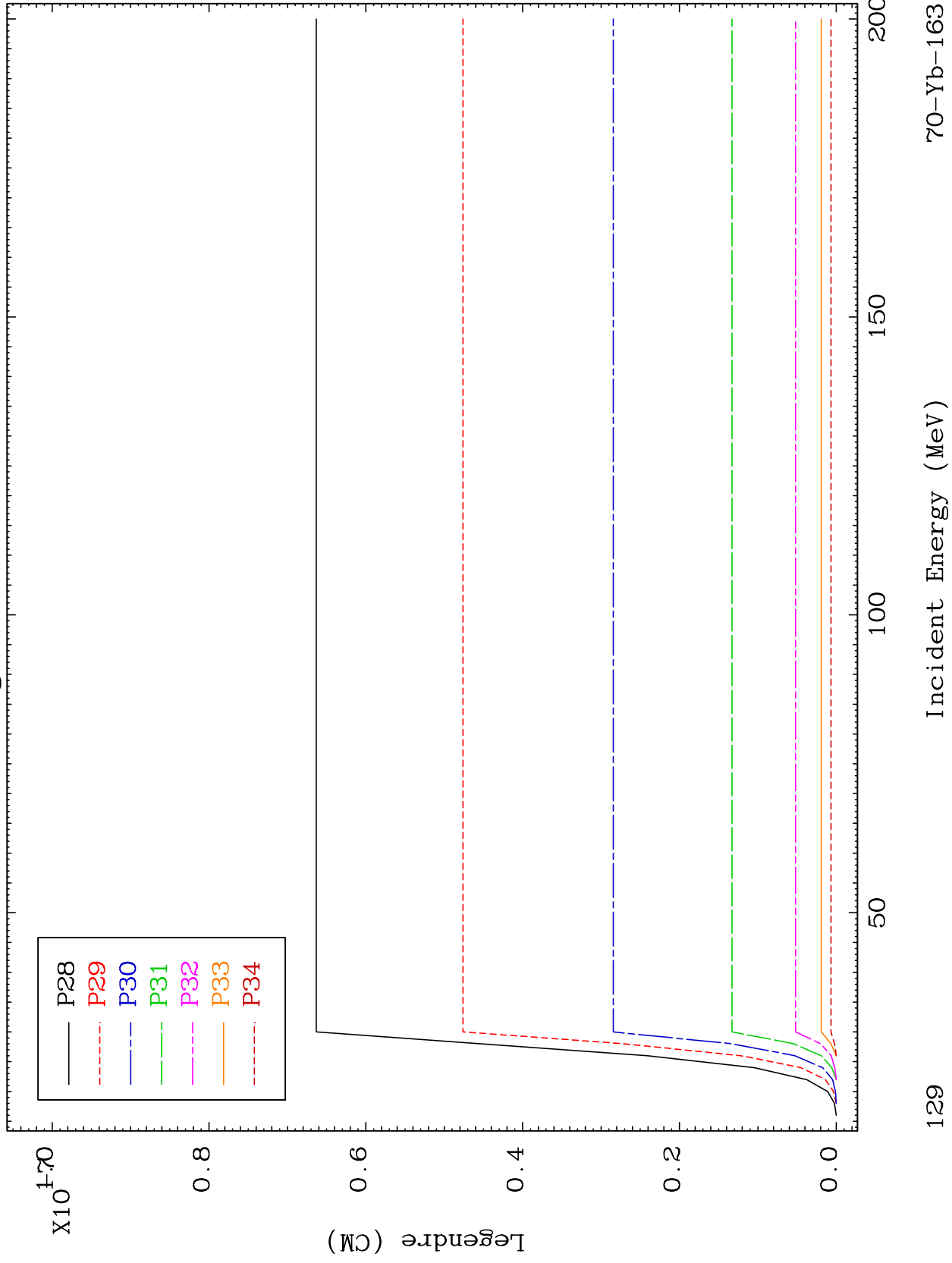
70-Yb-163



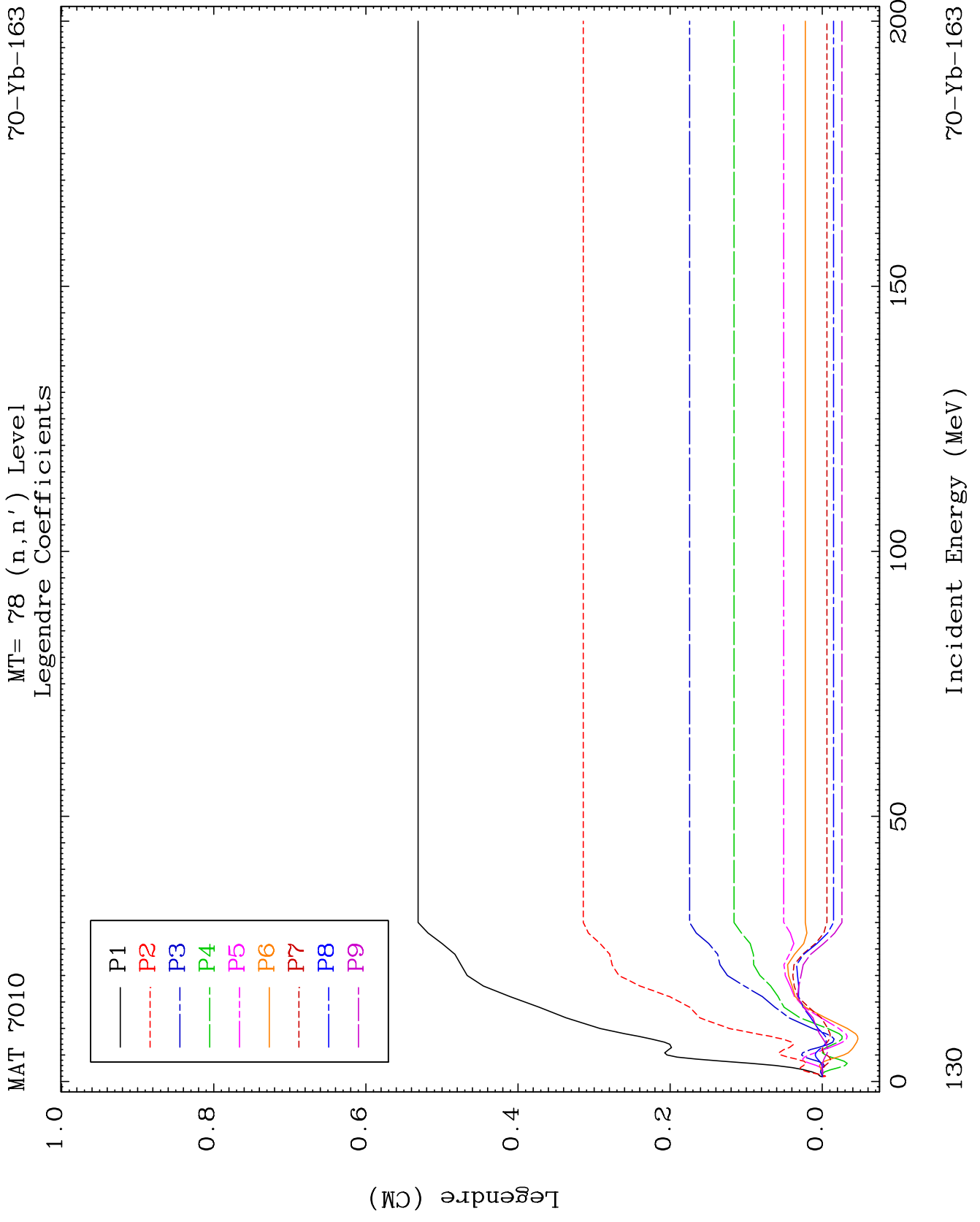
MAT 7010

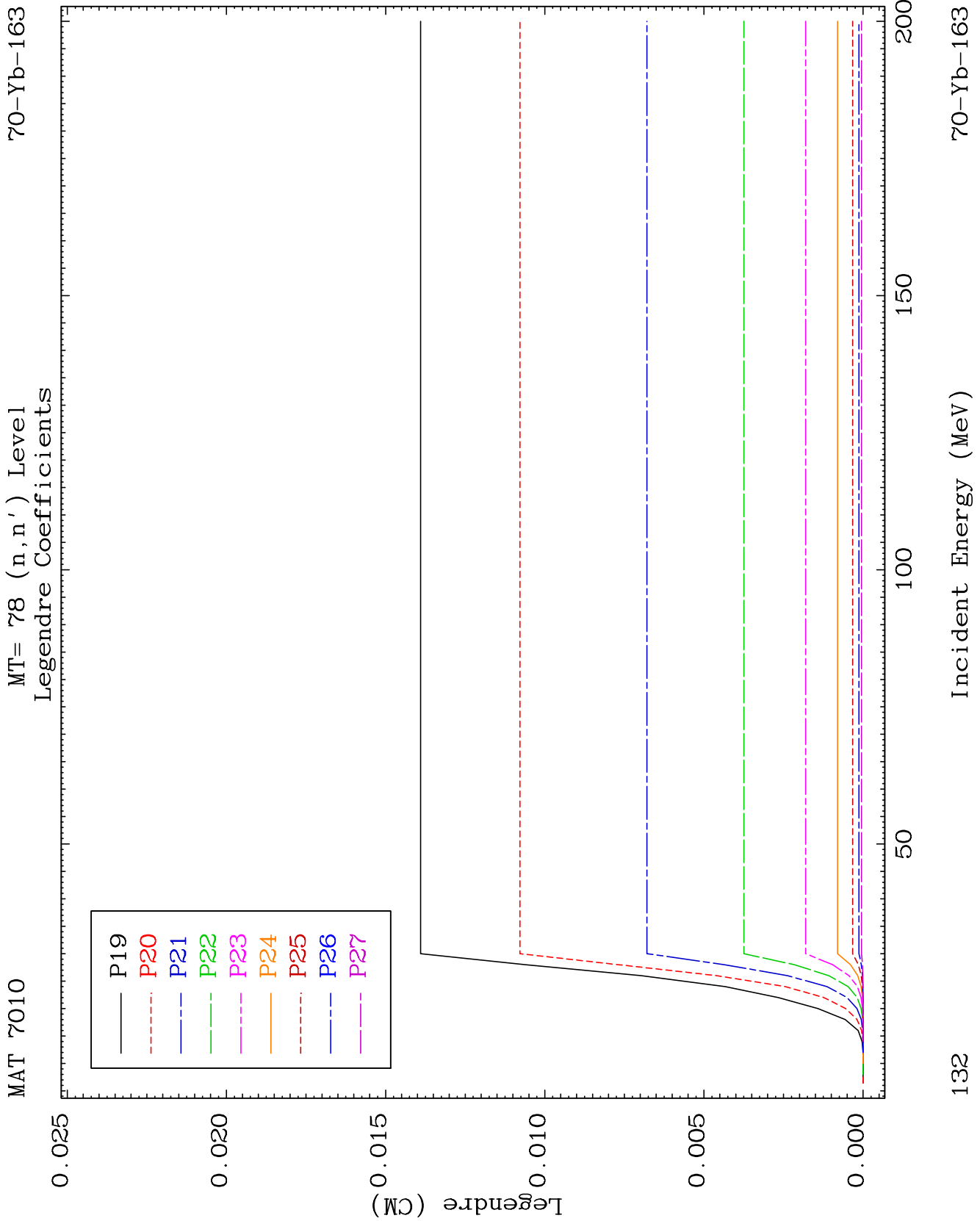
MT= 77 (n,n') Level
Legendre Coefficients

70-Yb-163



129

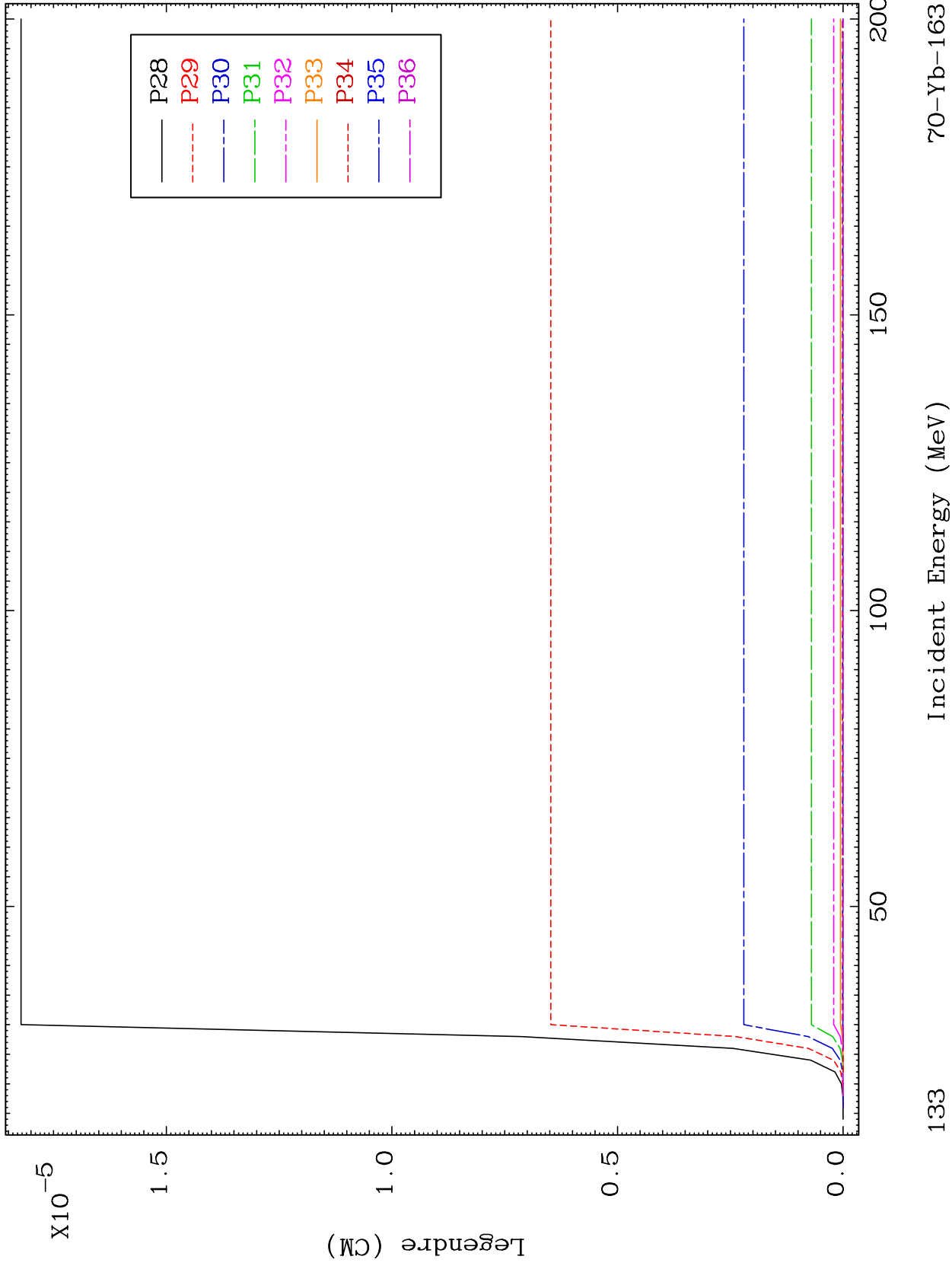




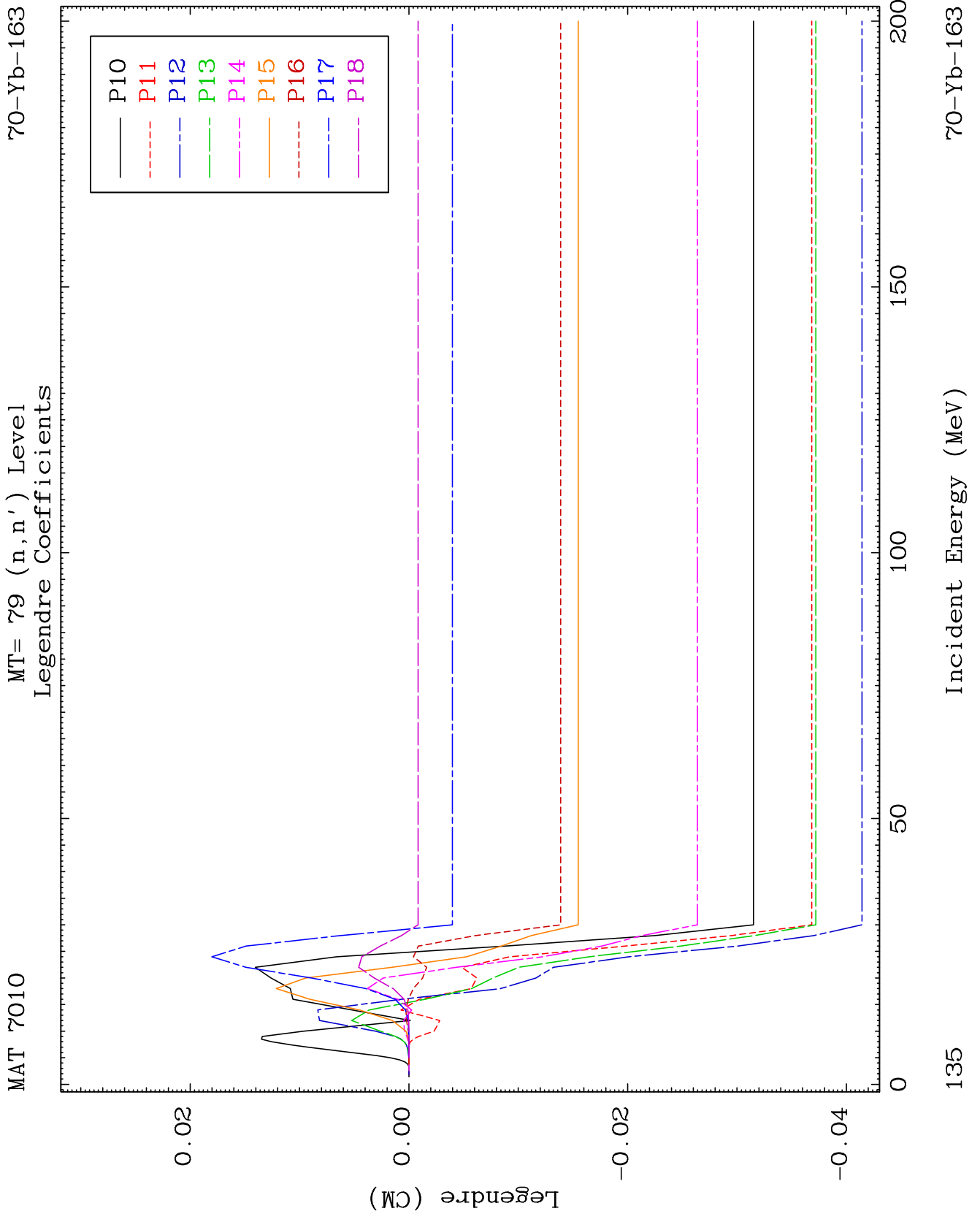
MAT 7010

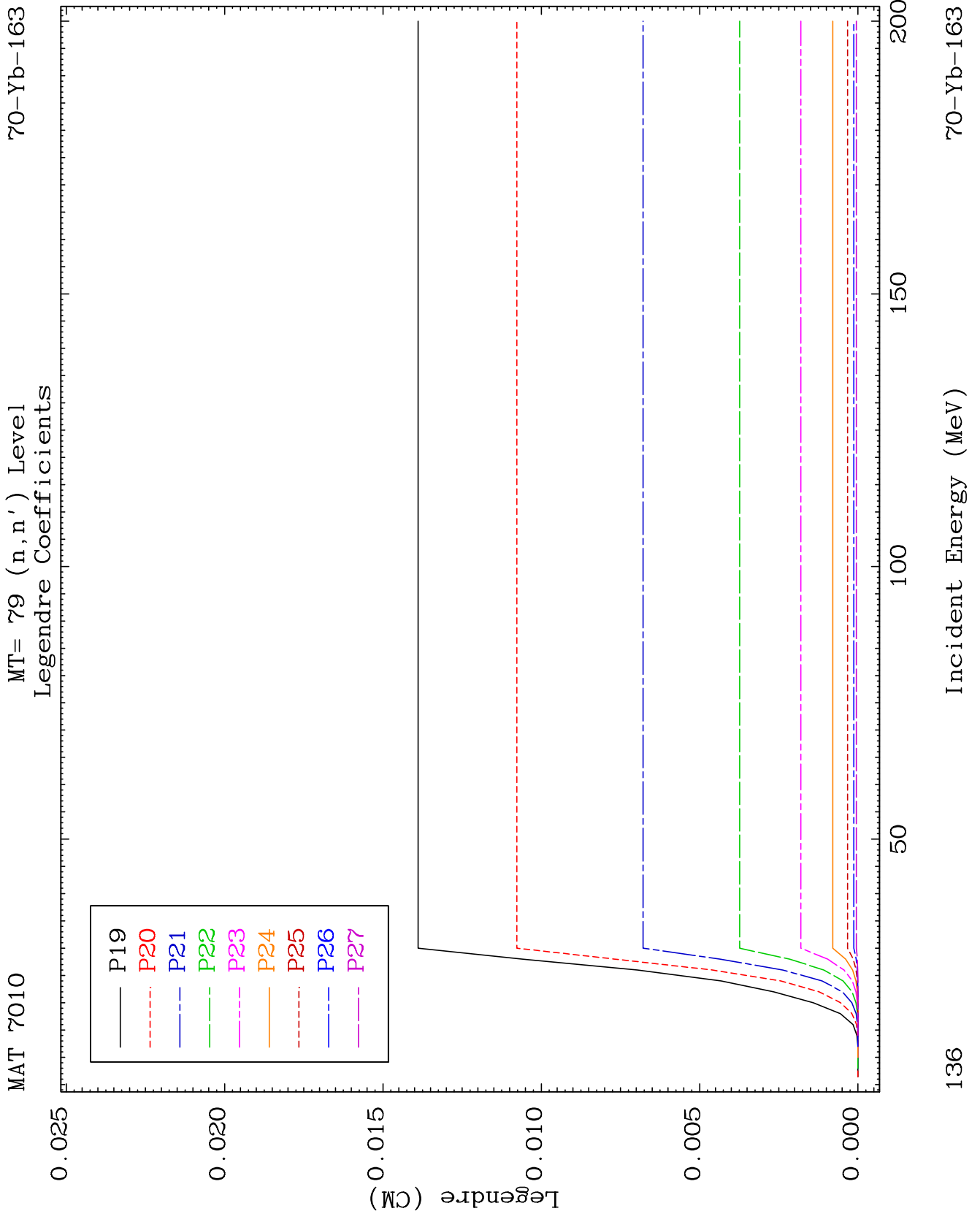
MT= 78 (n,n') Level
Legendre Coefficients

70-Yb-163



133

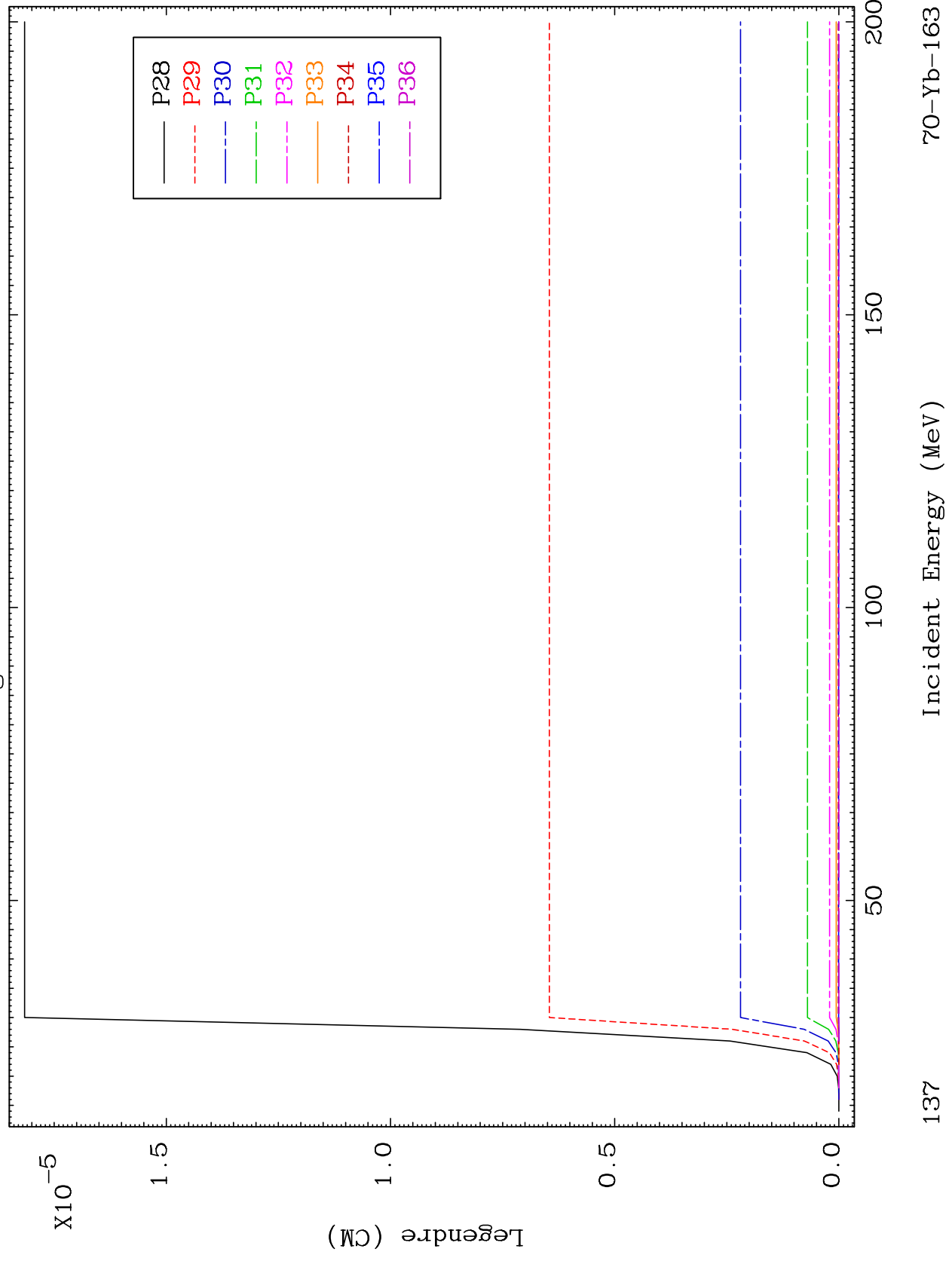




MAT 7010

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

70-Yb-163

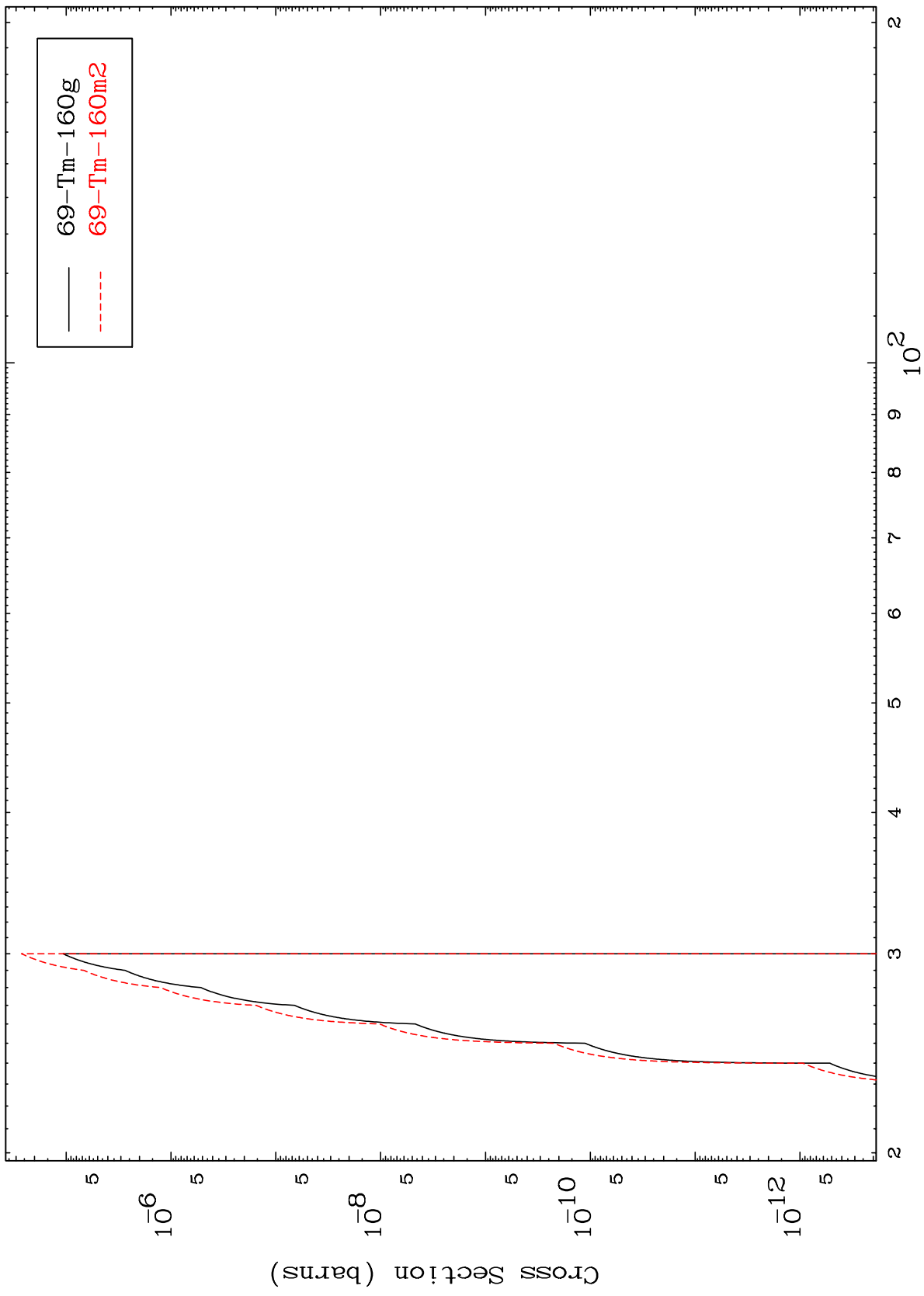


MAT 7010

(n,2n) d

70-Yb-163

Radionuclide Production Cross Section

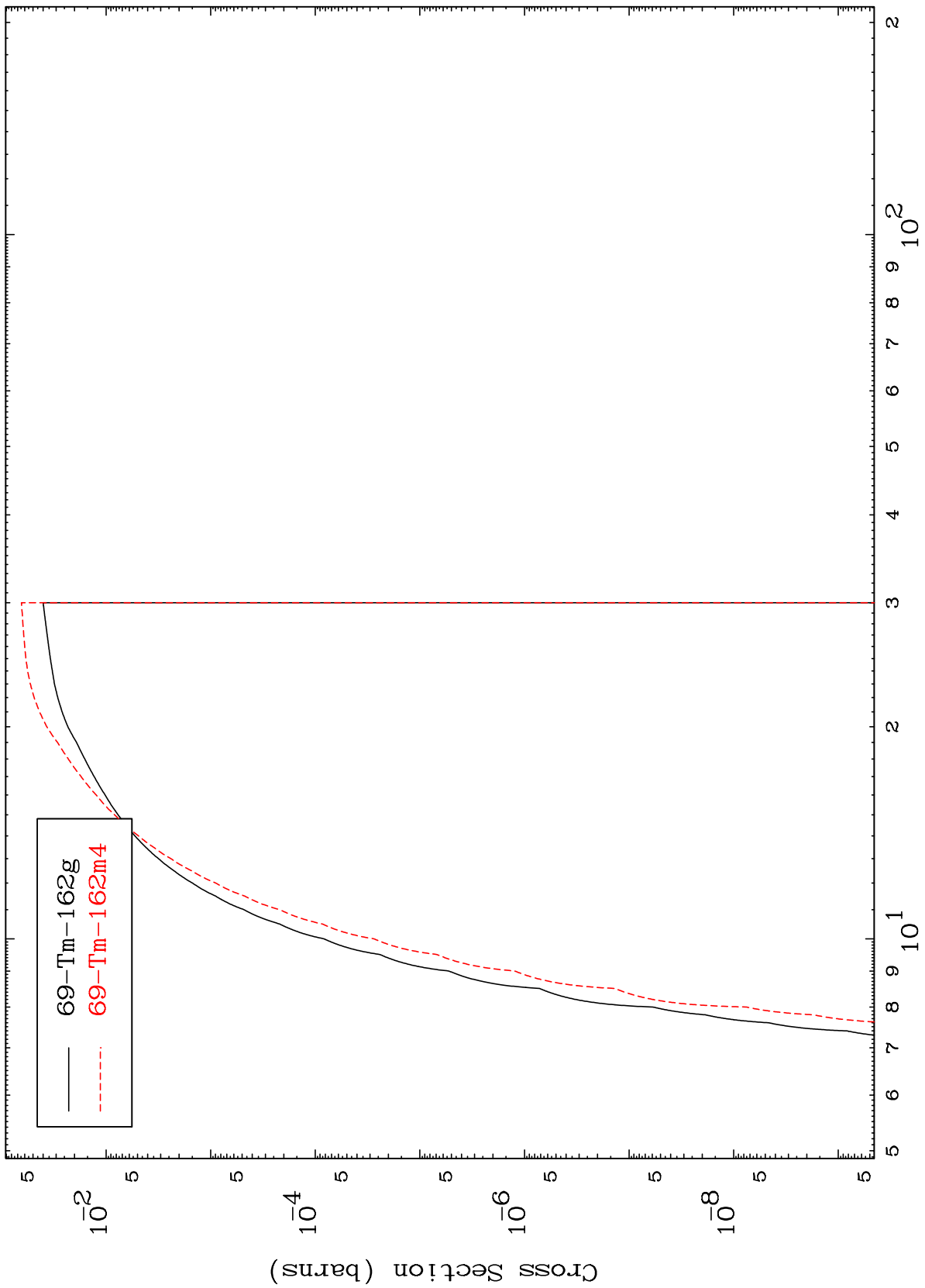


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Incident Energy (MeV)

70-Yb-163

(n,n') p
Radionuclide Production Cross Section

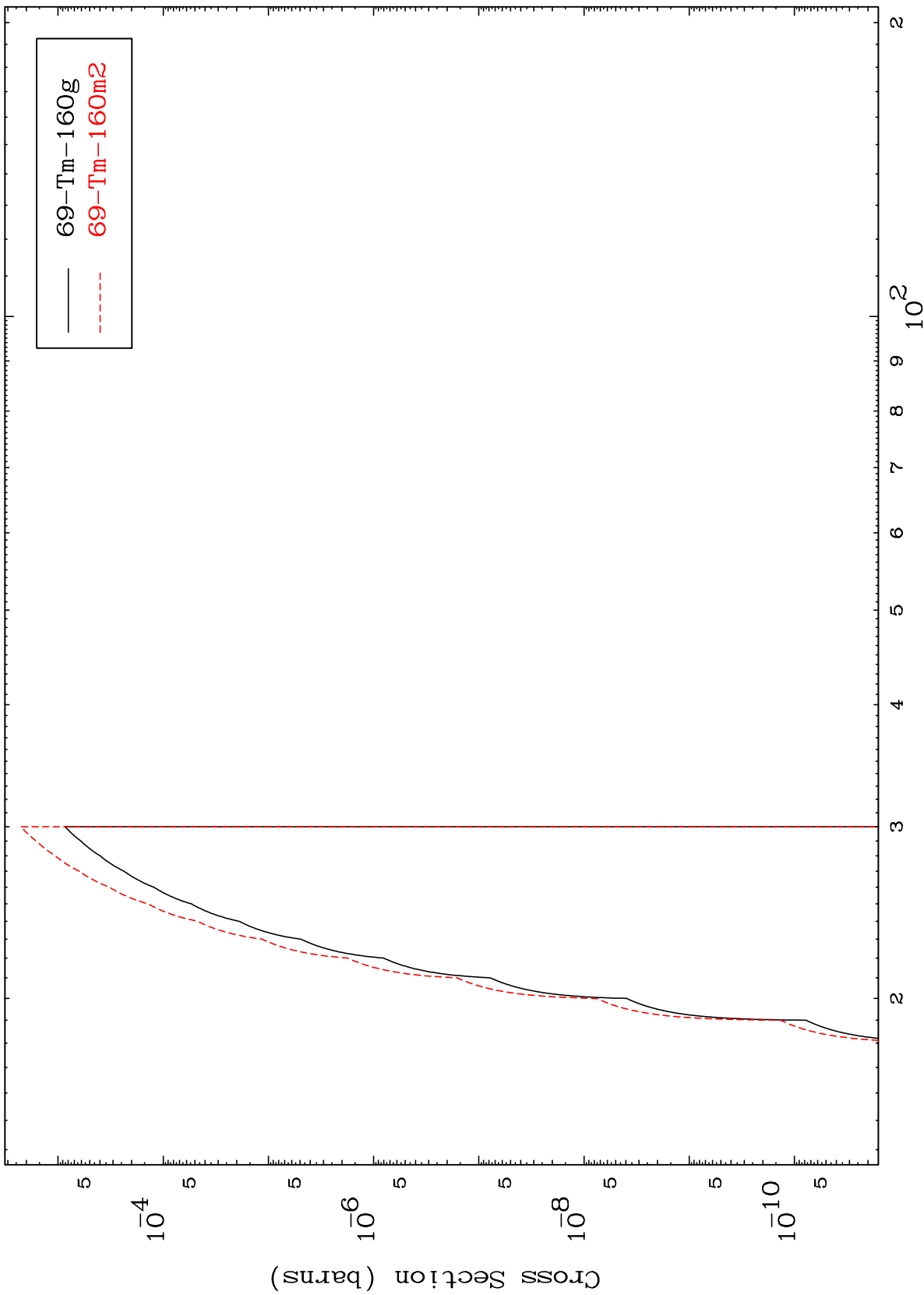


MAT 7010

(n,n') t

70-Yb-163

Radionuclide Production Cross Section



140

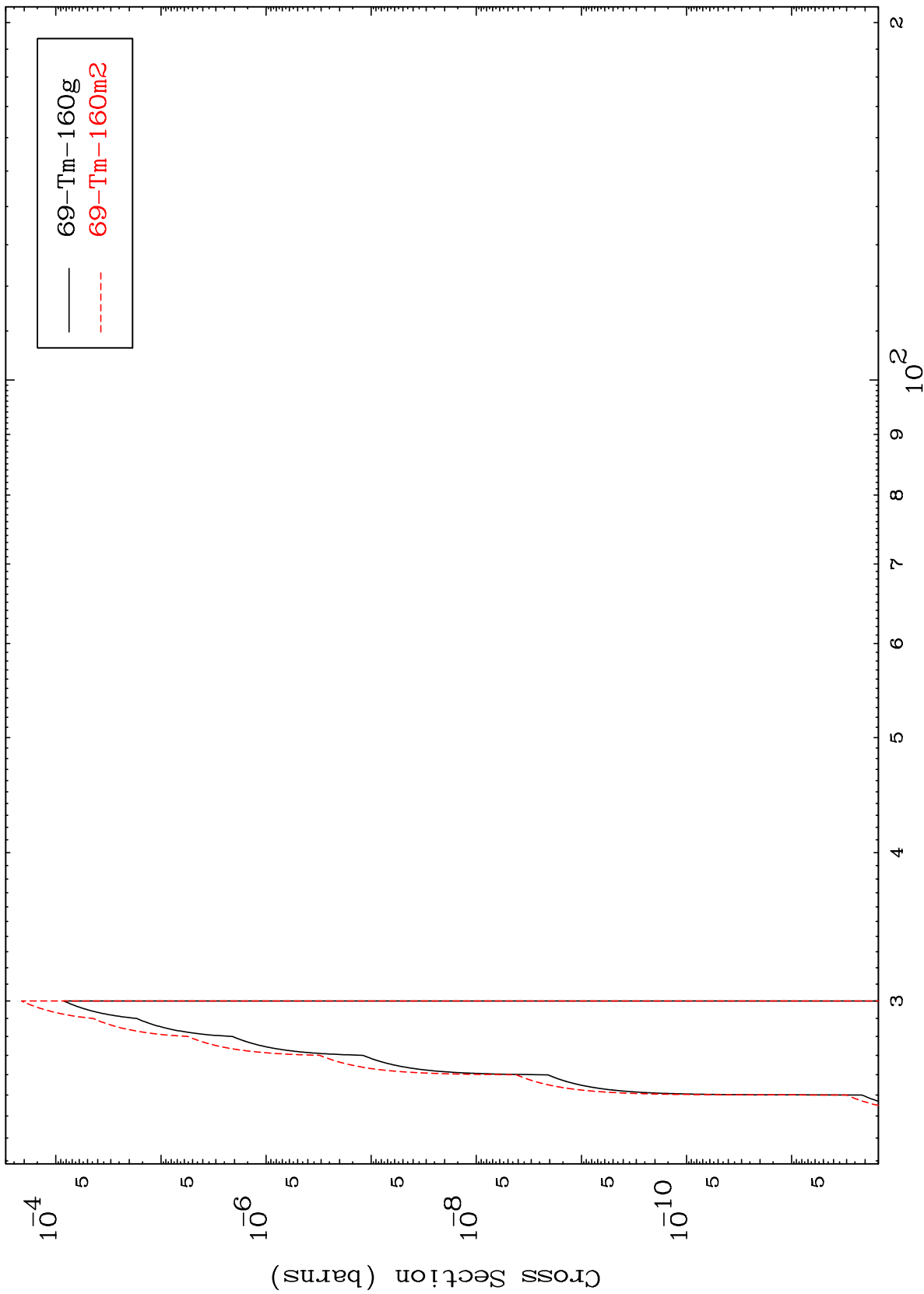
Incident Energy (MeV)

70-Yb-163

MAT 7010

70-Yb-163

(n,3n) p
Radionuclide Production Cross Section



70-Yb-163

Incident Energy (MeV)

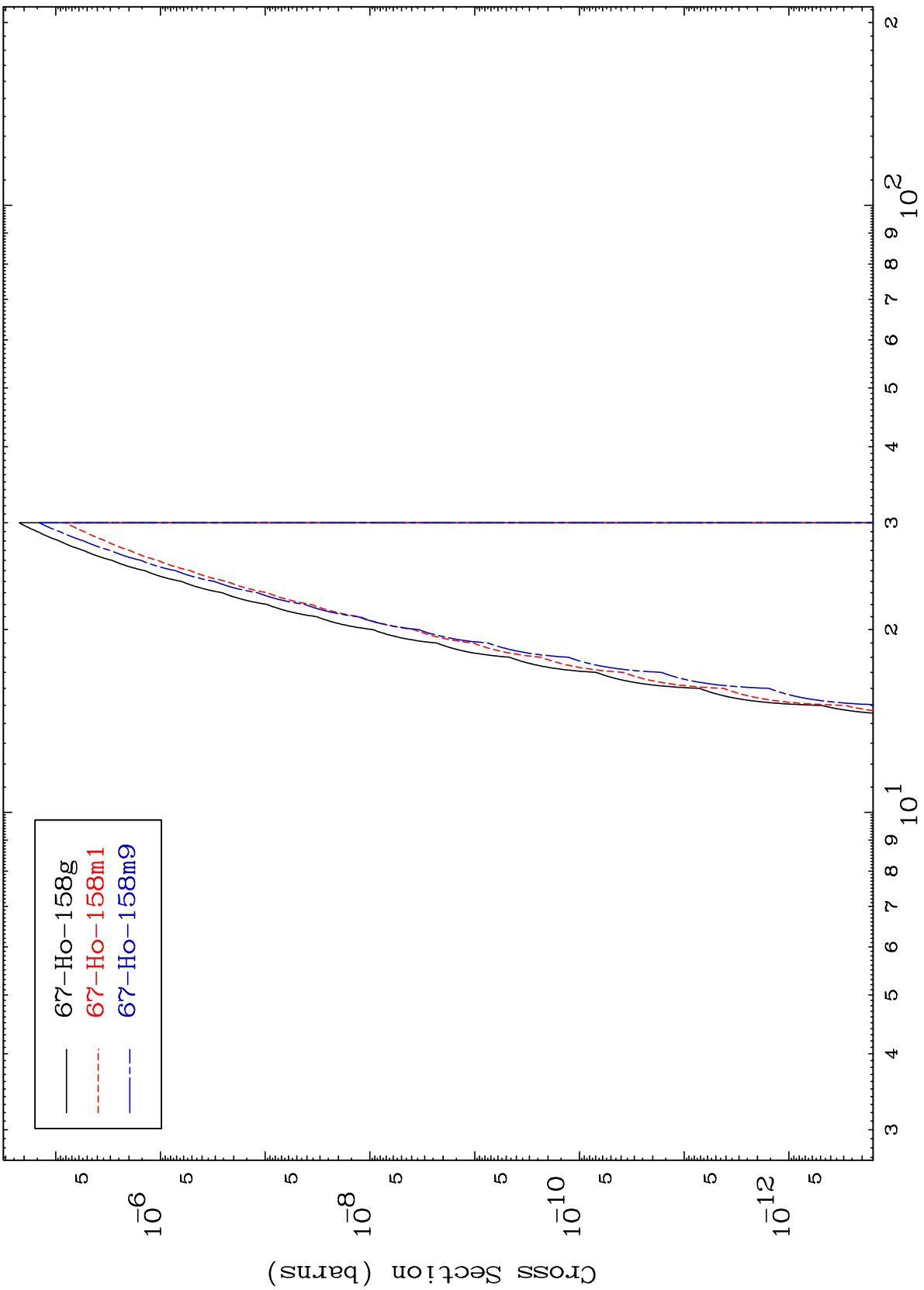
141

MAT 7010

(n,n') p α

70-Yb-163

Radionuclide Production Cross Section



67-Ho-158g
67-Ho-158m1
67-Ho-158m9

142

Incident Energy (MeV)

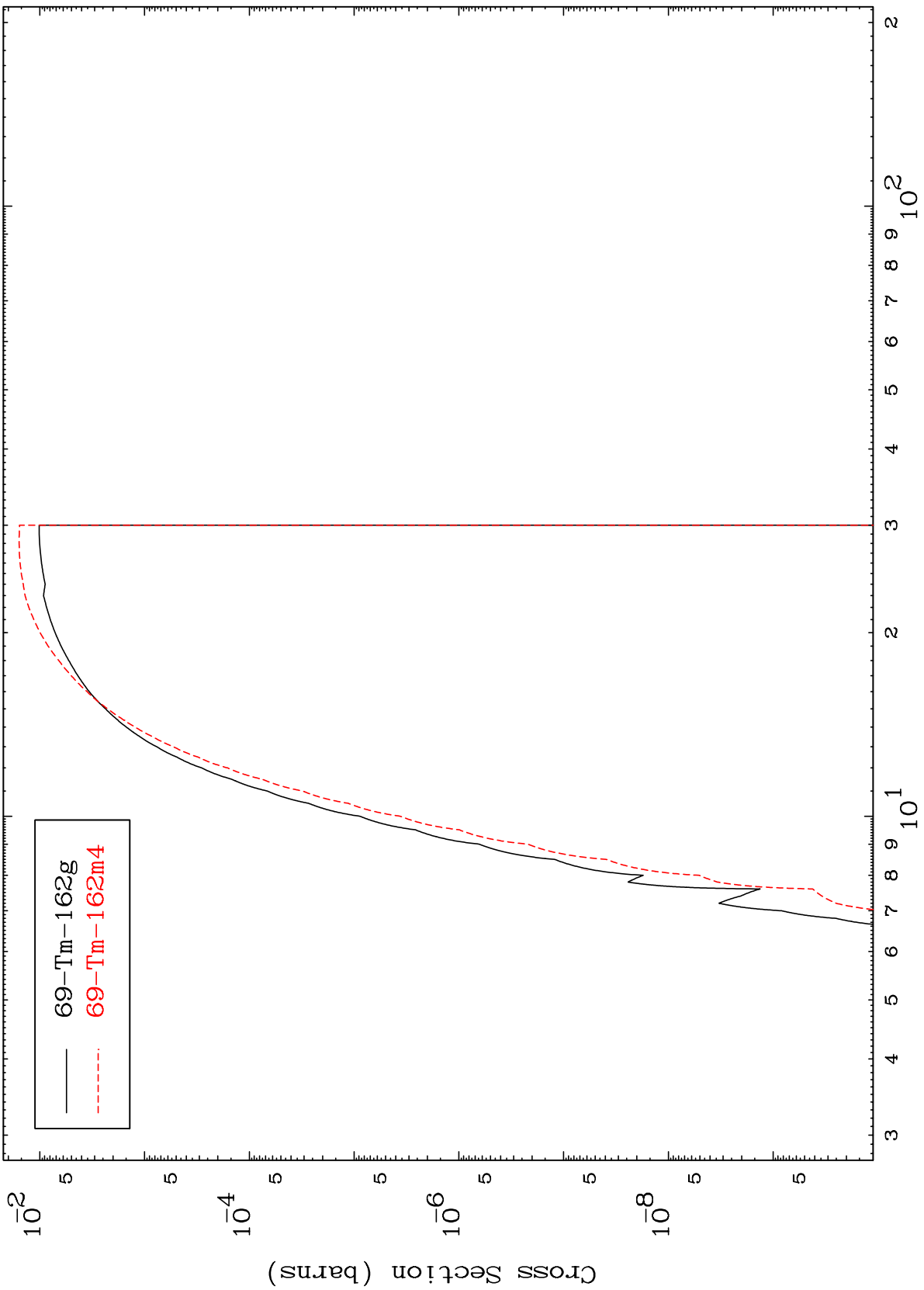
70-Yb-163

MAT 7010

(n,d)

70-Yb-163

Radionuclide Production Cross Section



143

Incident Energy (MeV)

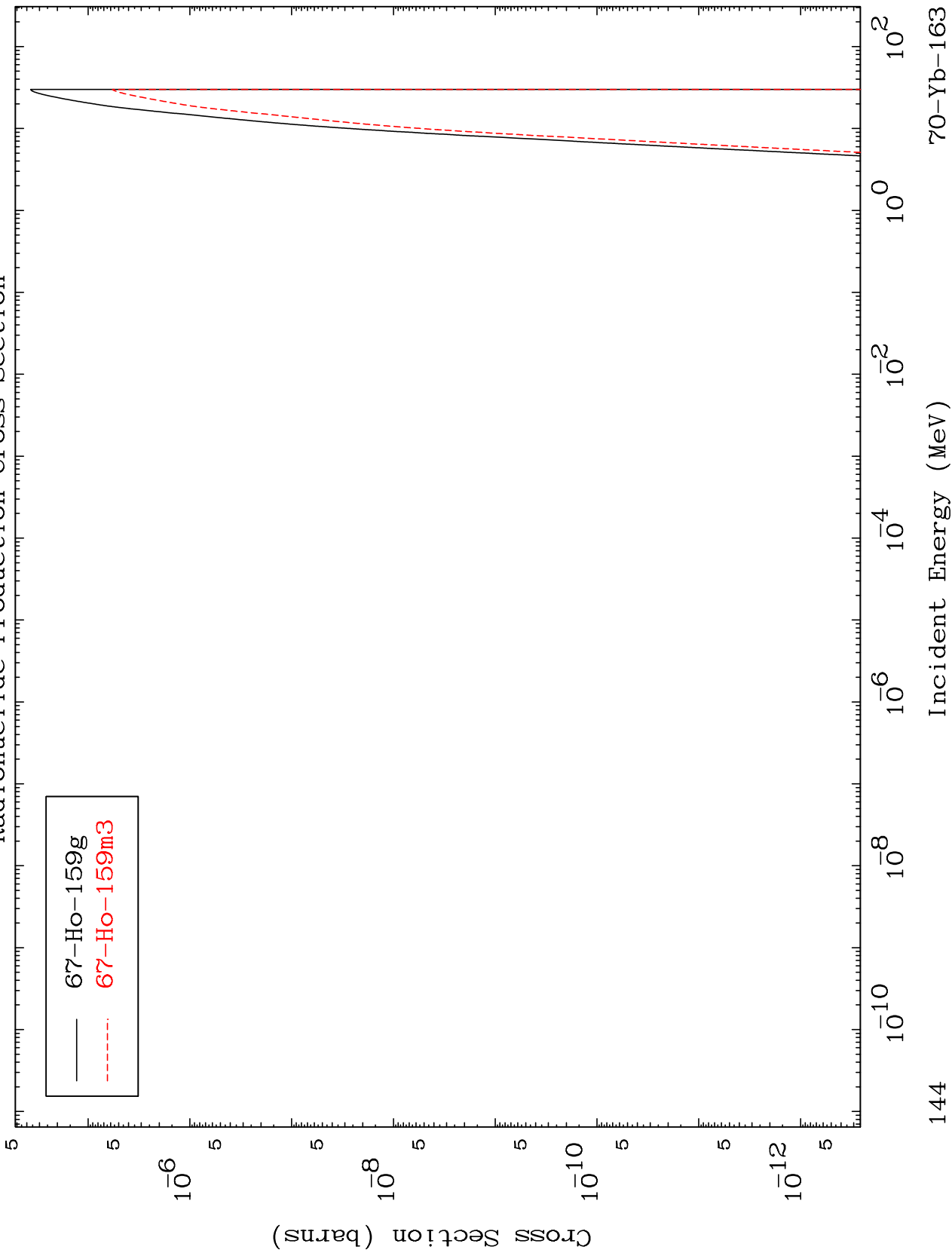
70-Yb-163

MAT 7010

(n,p) α

70-Yb-163

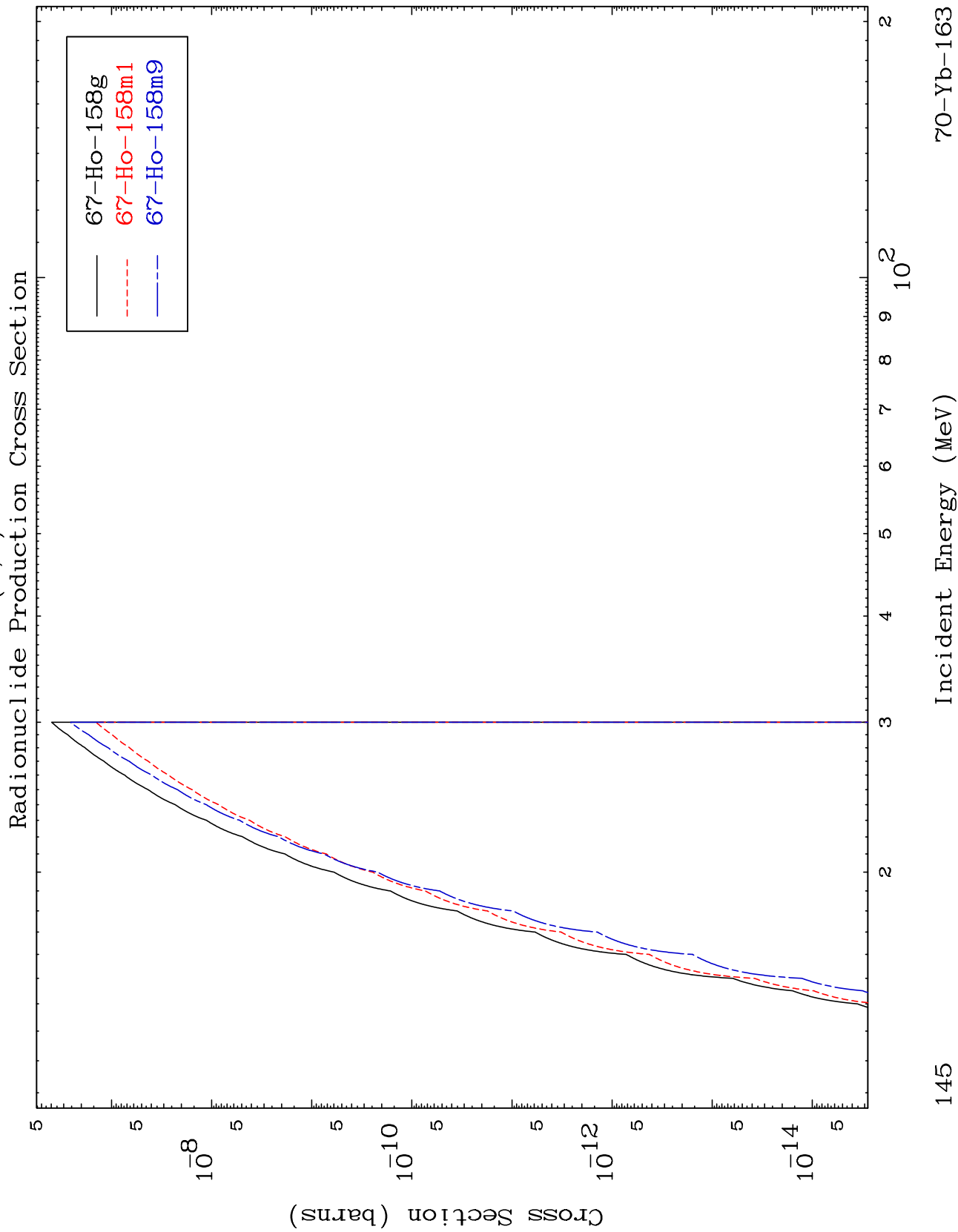
Radionuclide Production Cross Section



MAT 7010

(n,d) α

70-Yb-163



145

Incident Energy (MeV)

70-Yb-163