

Program EVALPLOT
(Version 2018-1)

by

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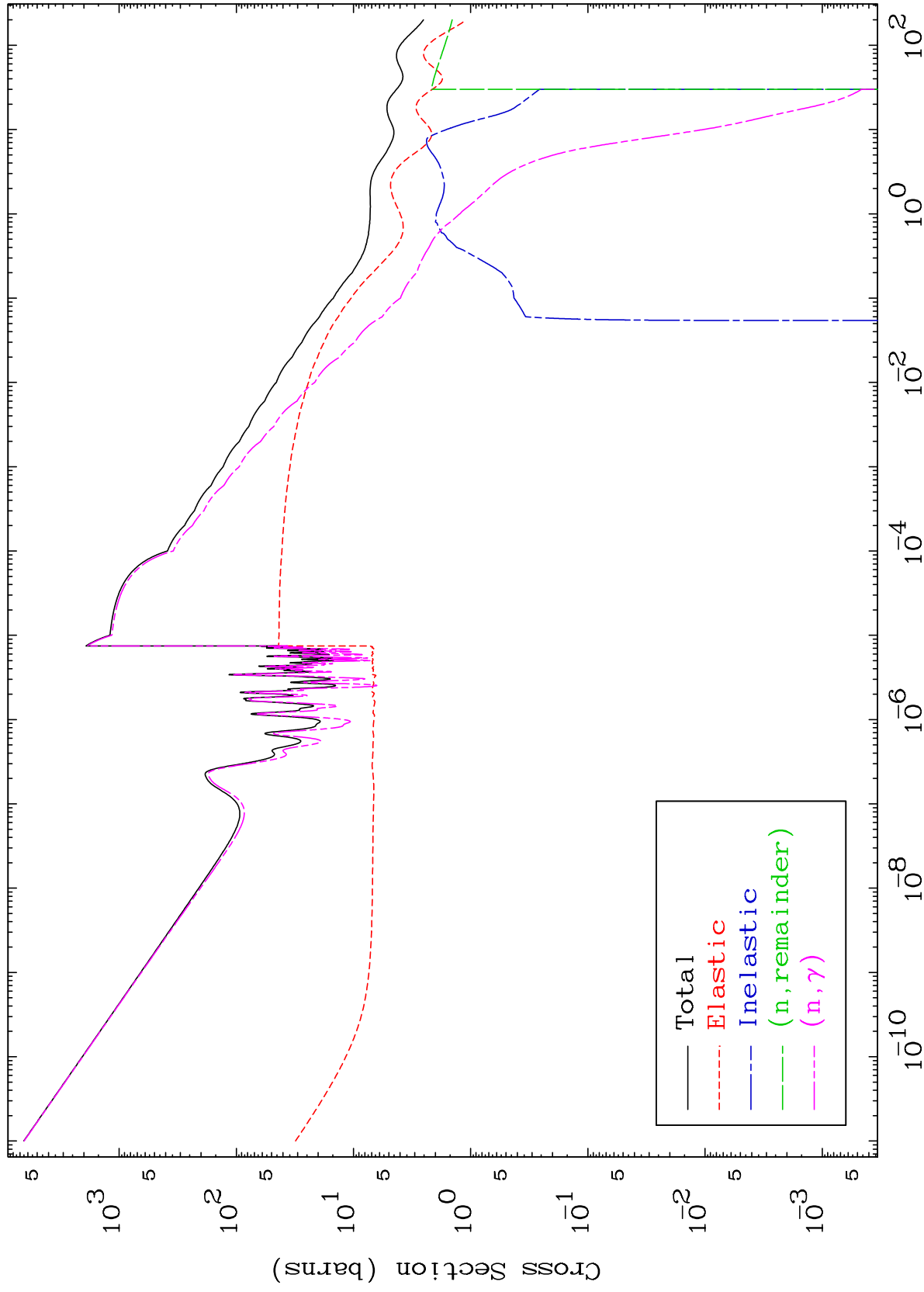
Press Mouse Button to Start

MAT 7010

Major

293 Kelvin Cross Sections

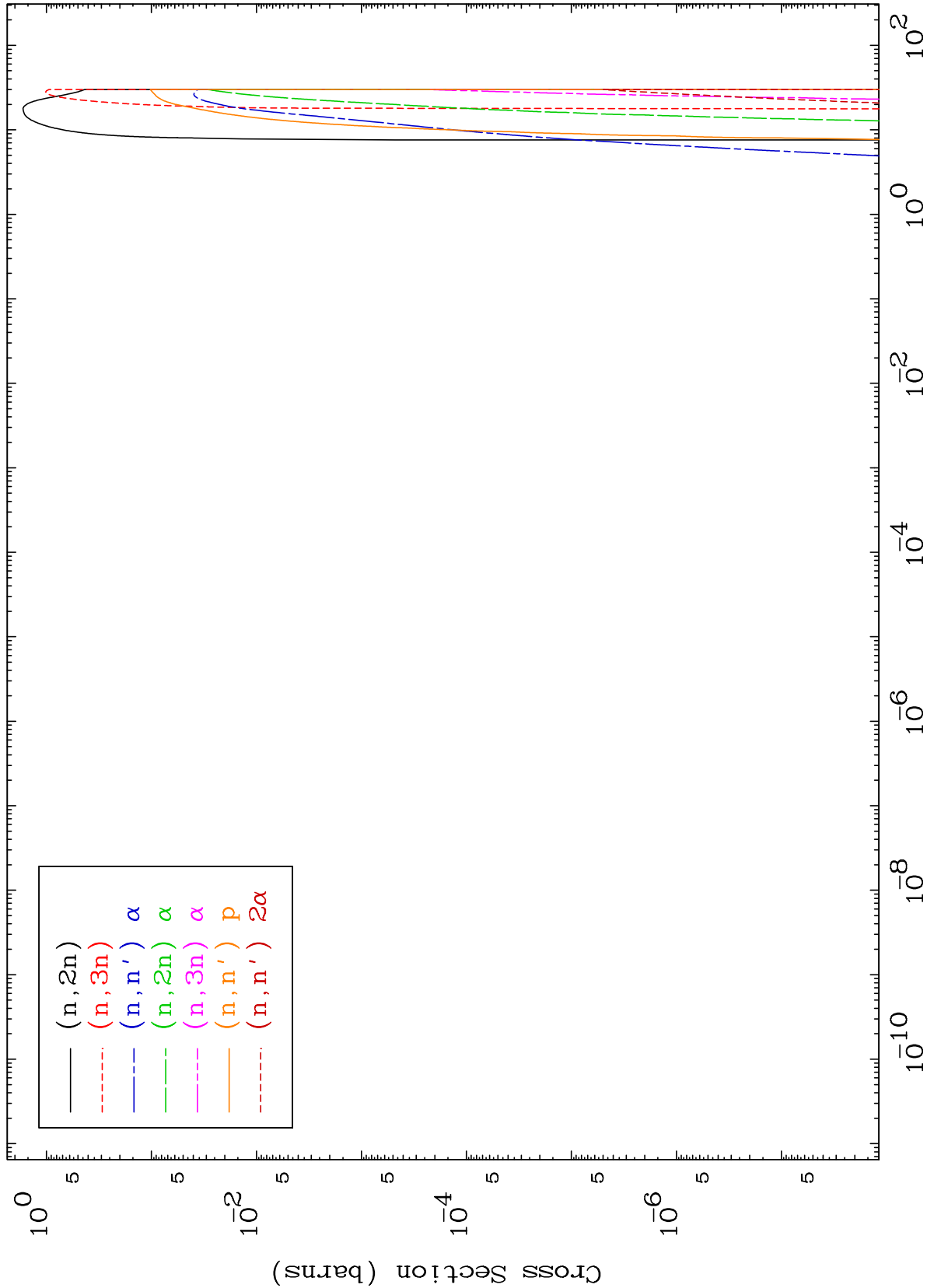
70-Yb-163



MAT 7010

Neutron Production
293 Kelvin Cross Sections

70-Yb-163



2

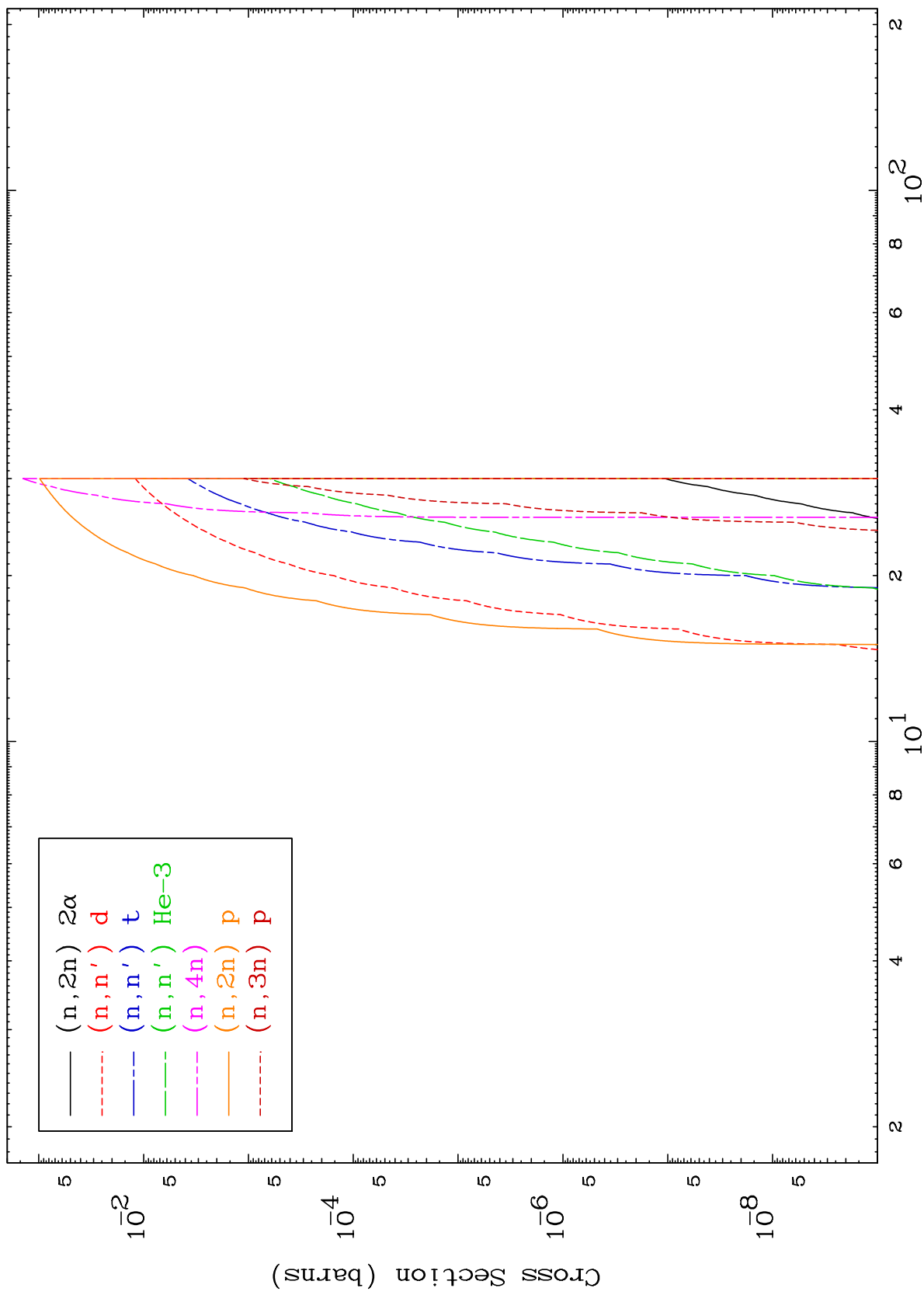
Incident Energy (MeV)

70-Yb-163

MAT 7010

Neutron Production
293 Kelvin Cross Sections

70-Yb-163



3

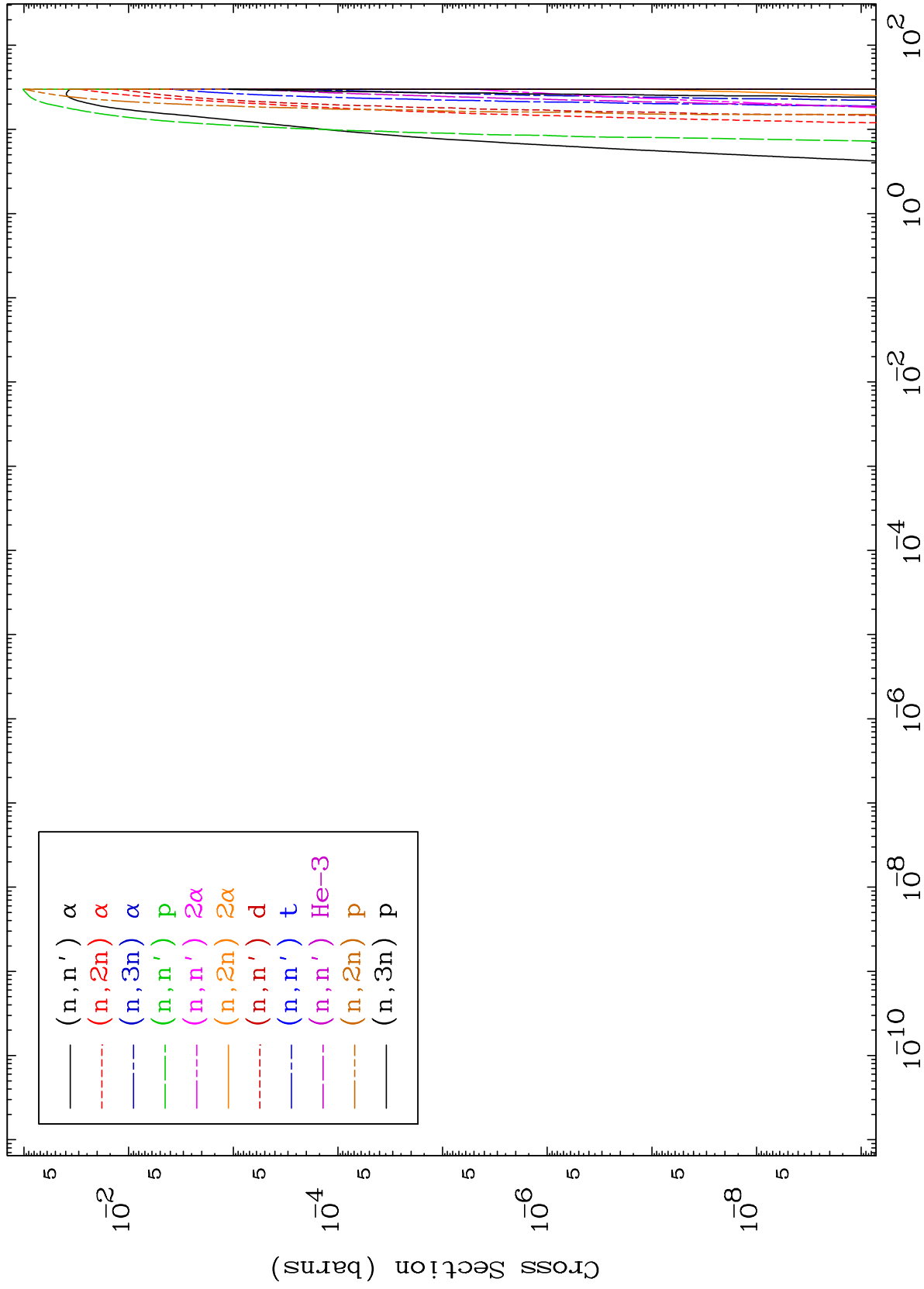
Incident Energy (MeV)

70-Yb-163

MAT 7010

293 Kelvin Cross Sections

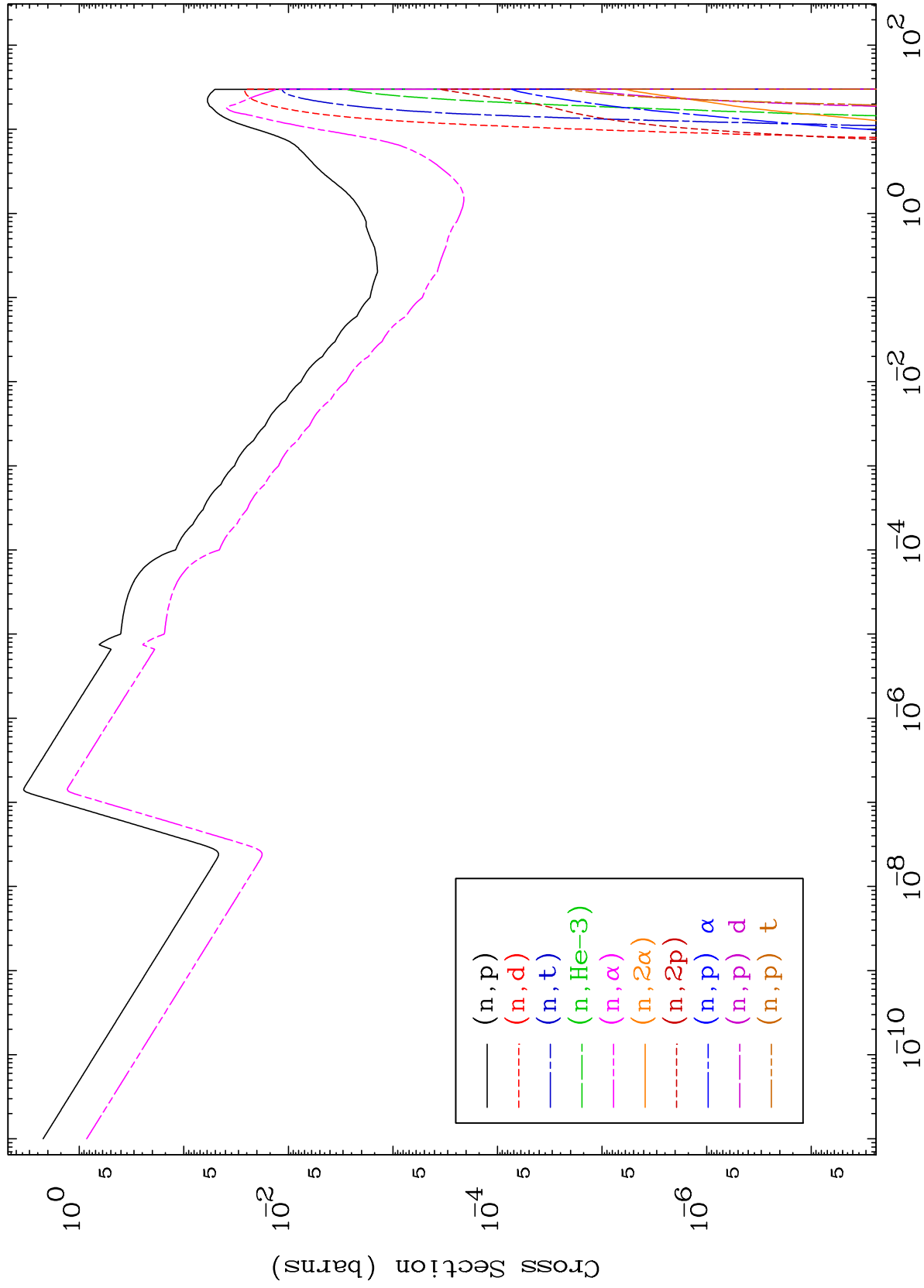
70-Yb-163



MAT 7010

Charged Particle
293 Kelvin Cross Sections

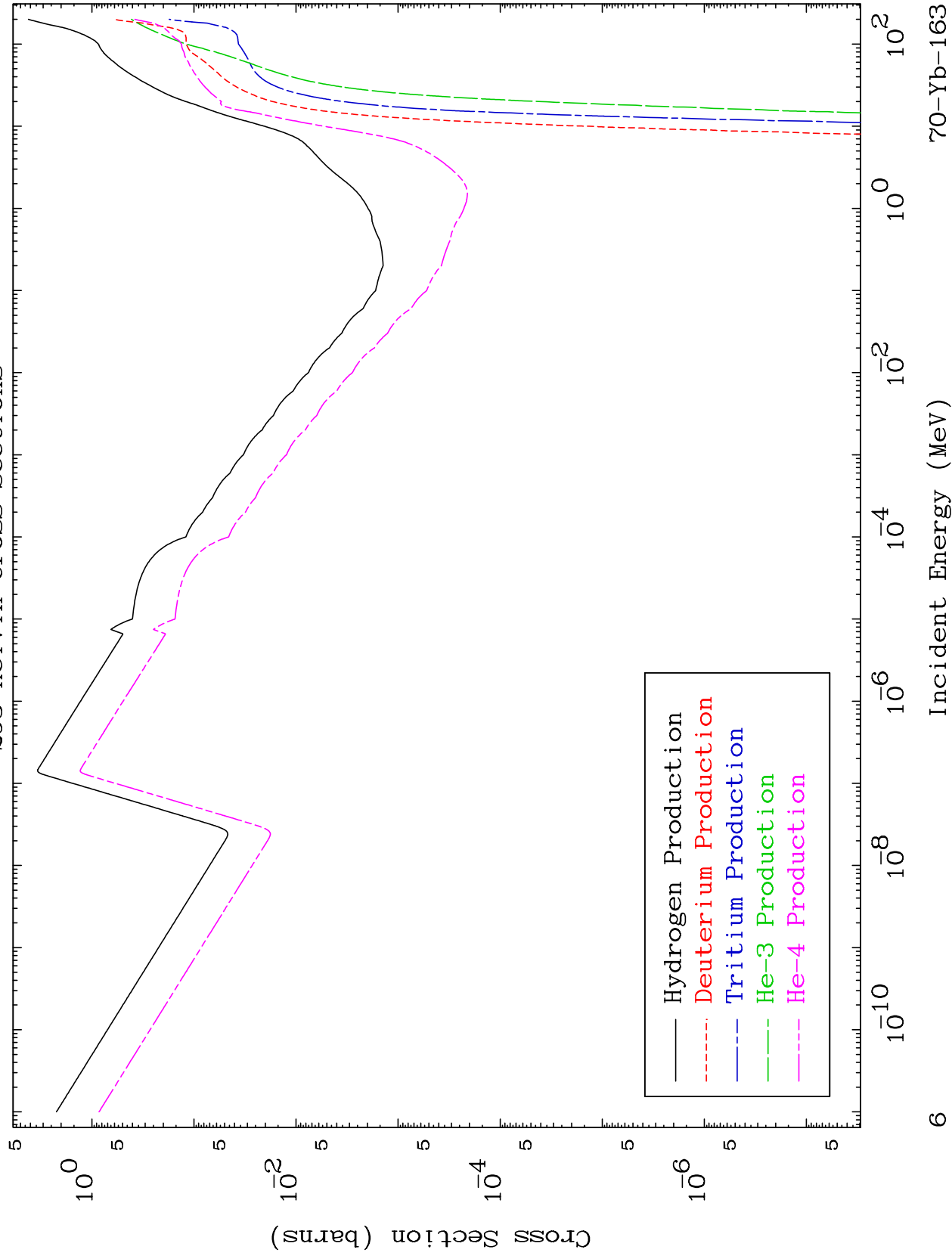
70-Yb-163

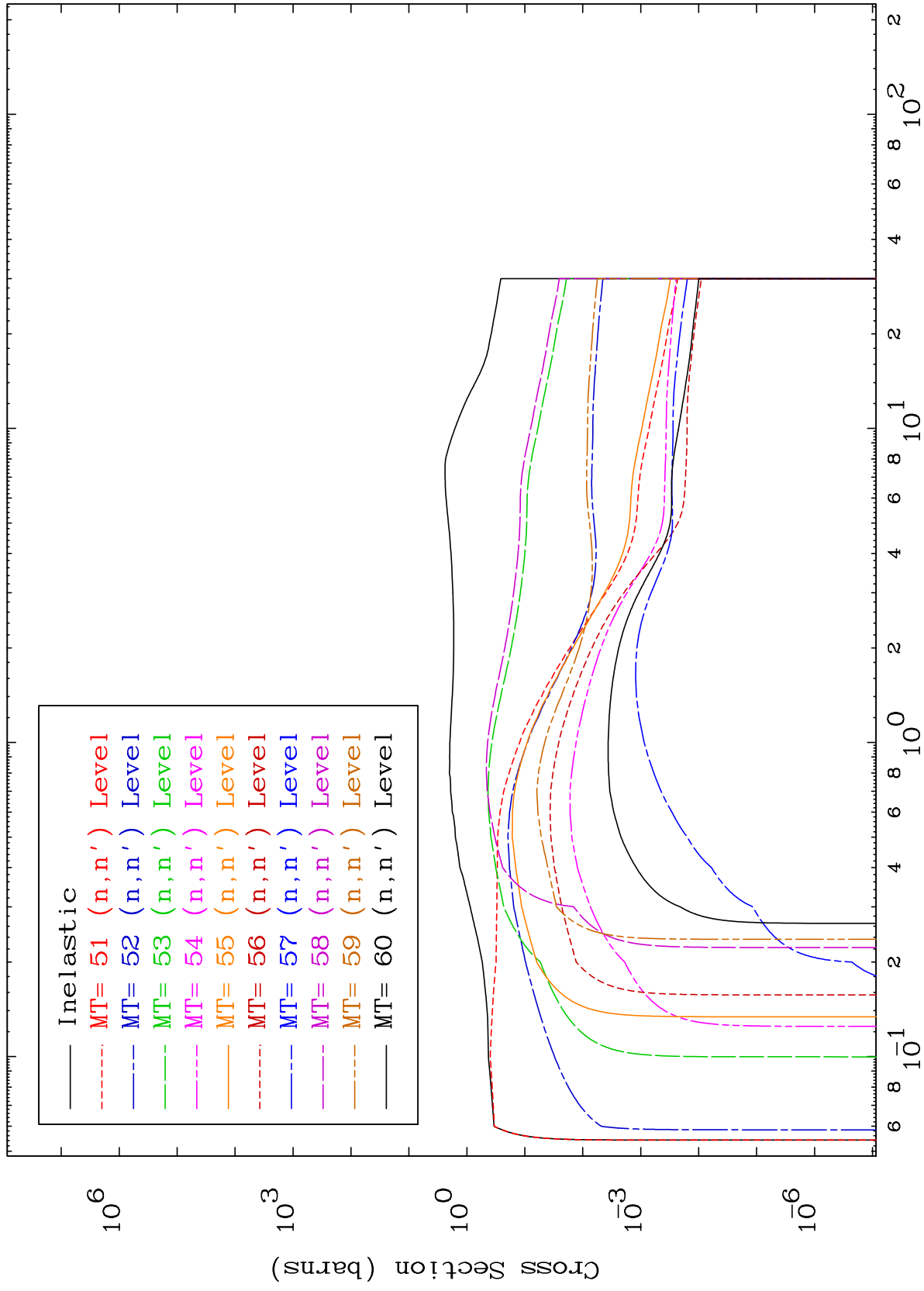


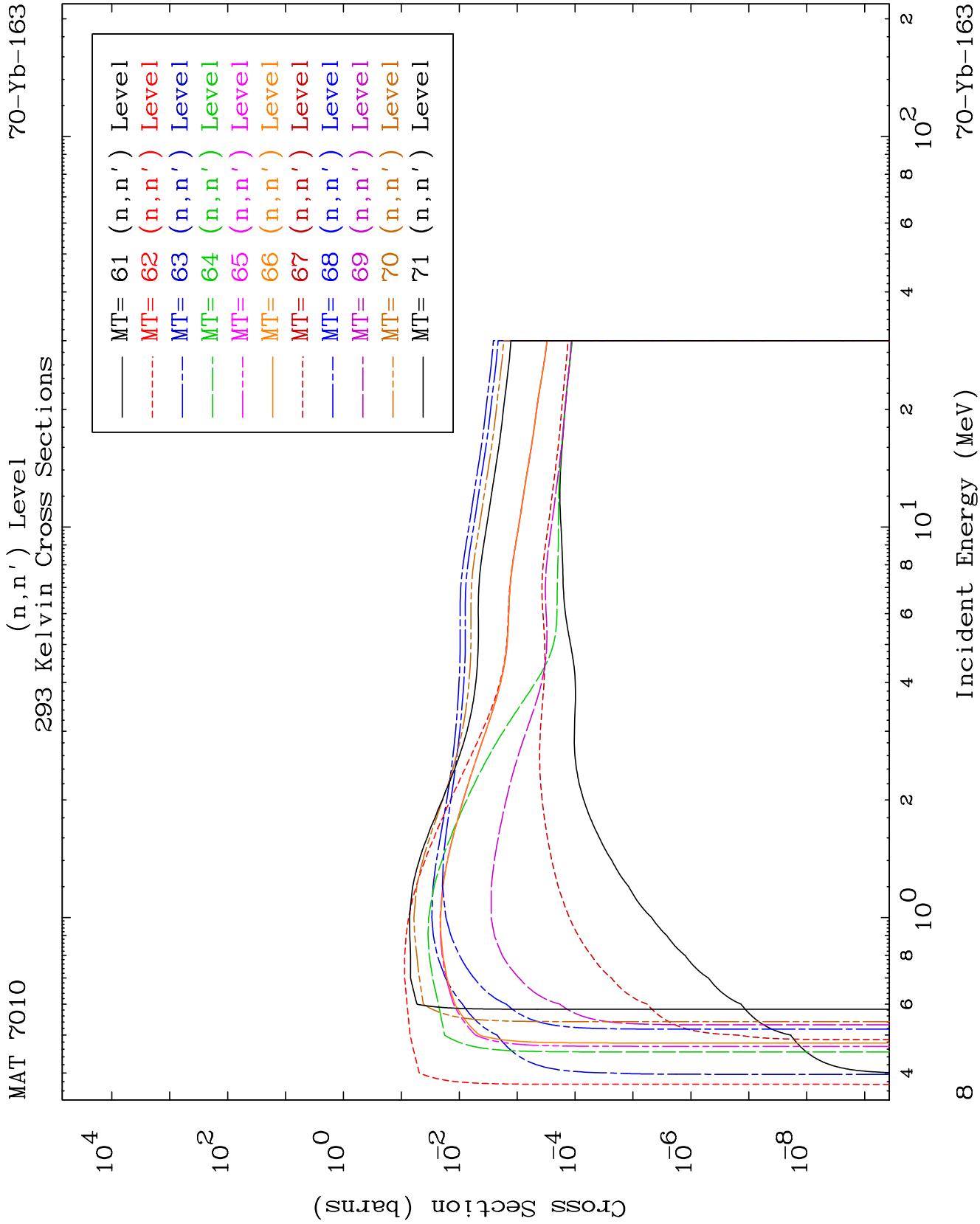
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Incident Energy (MeV)

70-Yb-163



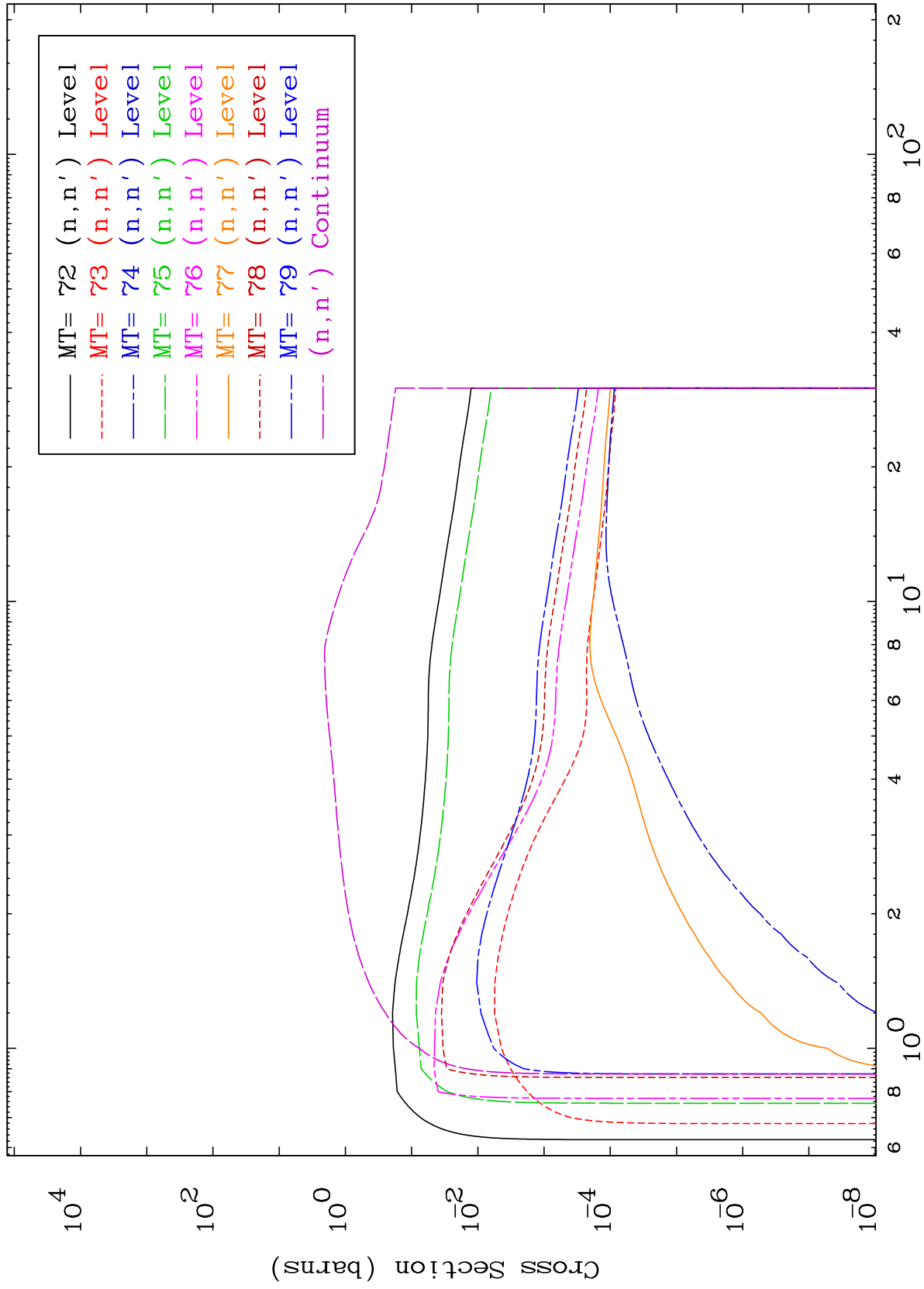




MAT 7010

(n,n') Level
293 Kelvin Cross Sections

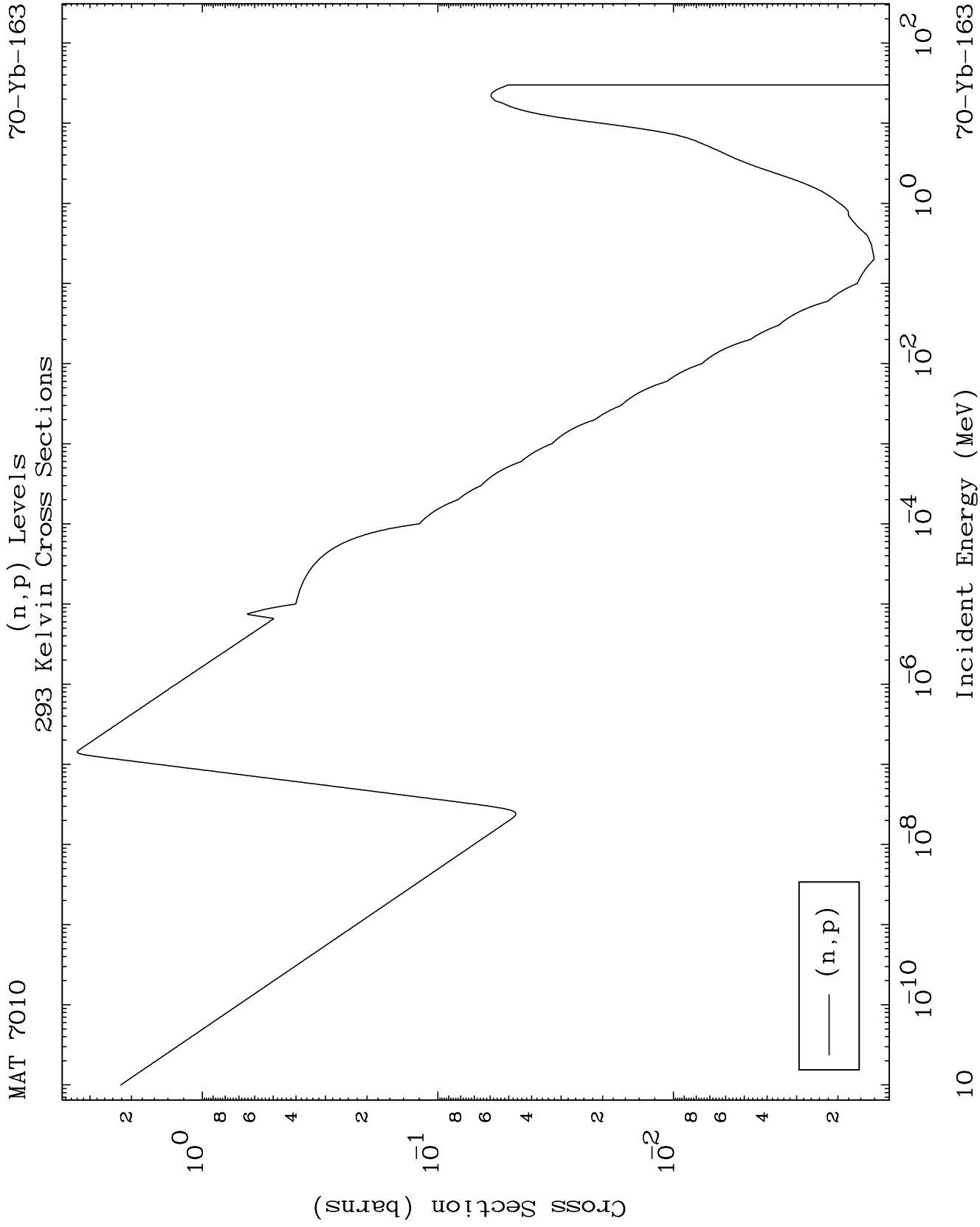
70-Yb-163



9

Incident Energy (MeV)

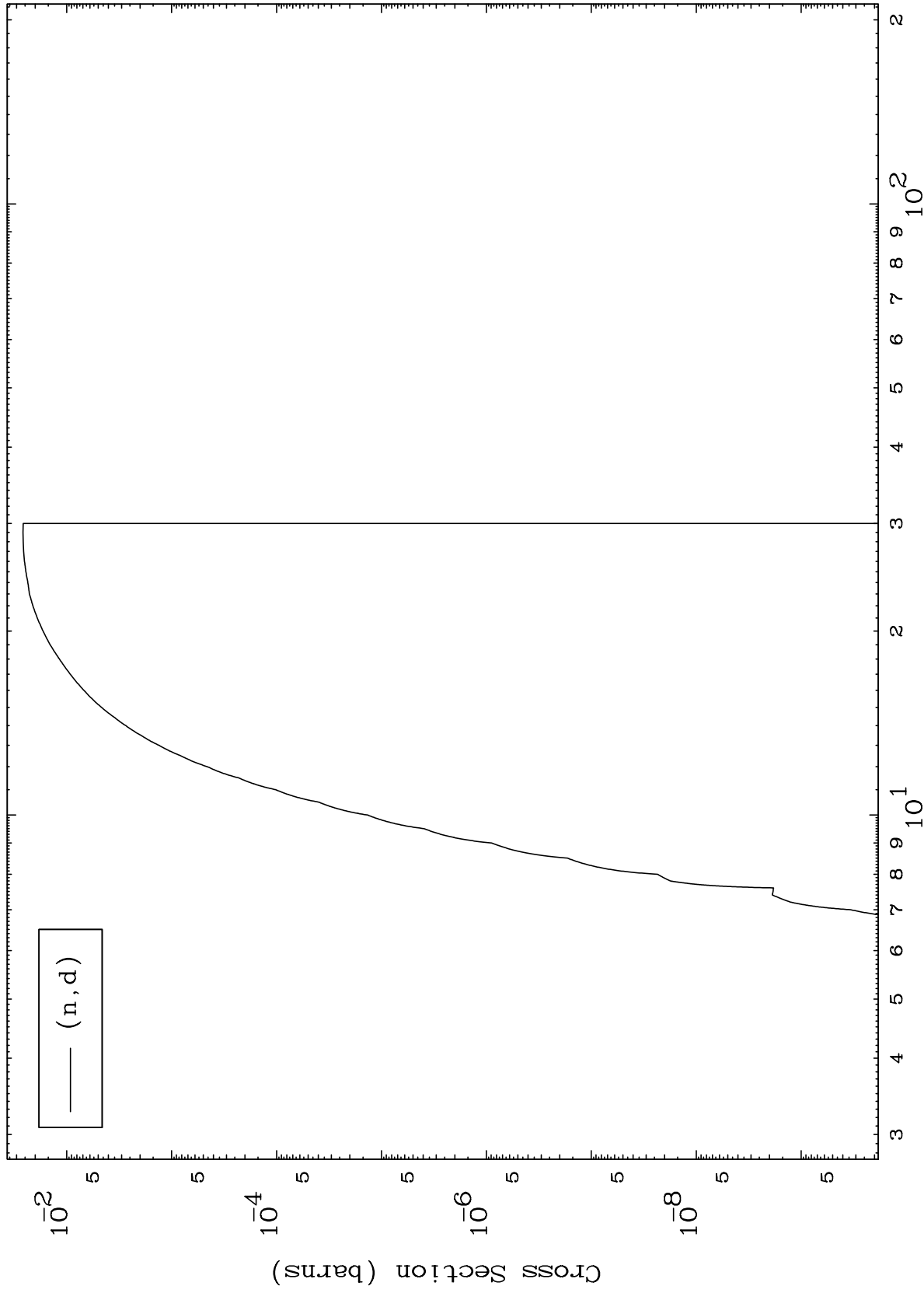
70-Yb-163



MAT 7010

(n,d) Levels
293 Kelvin Cross Sections

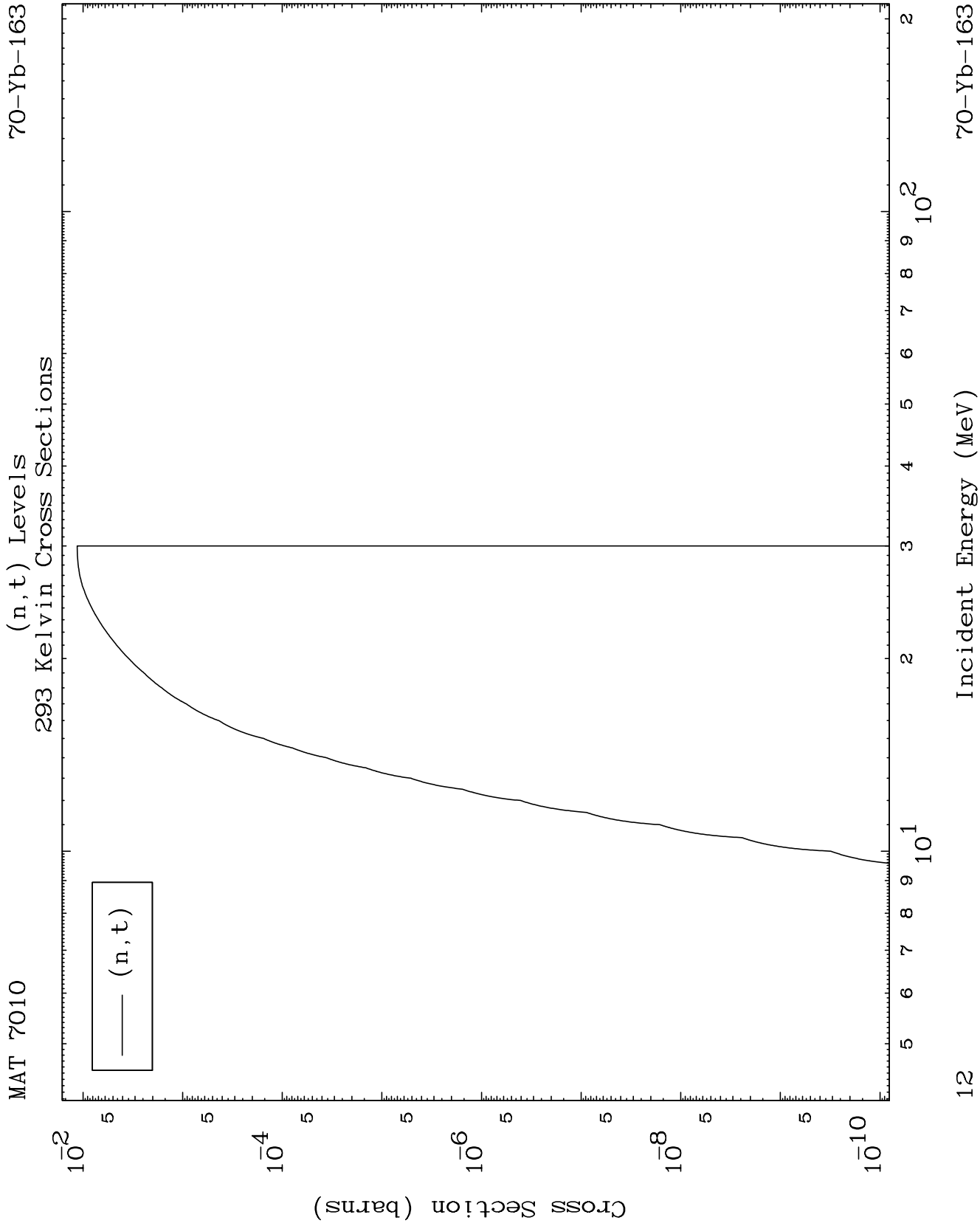
70-Yb-163



11

Incident Energy (MeV)

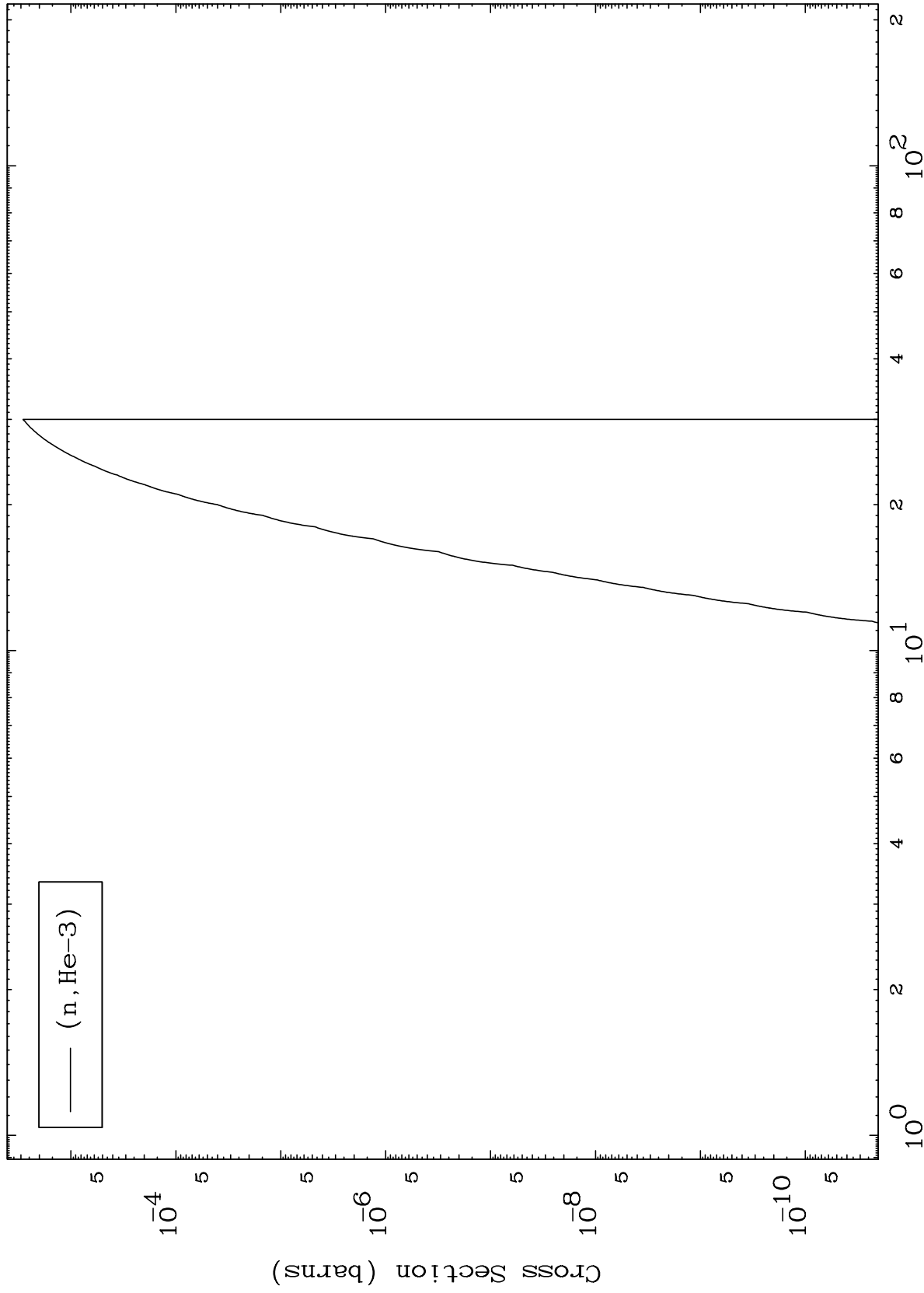
70-Yb-163



MAT 7010

(n,He3) Levels
293 Kelvin Cross Sections

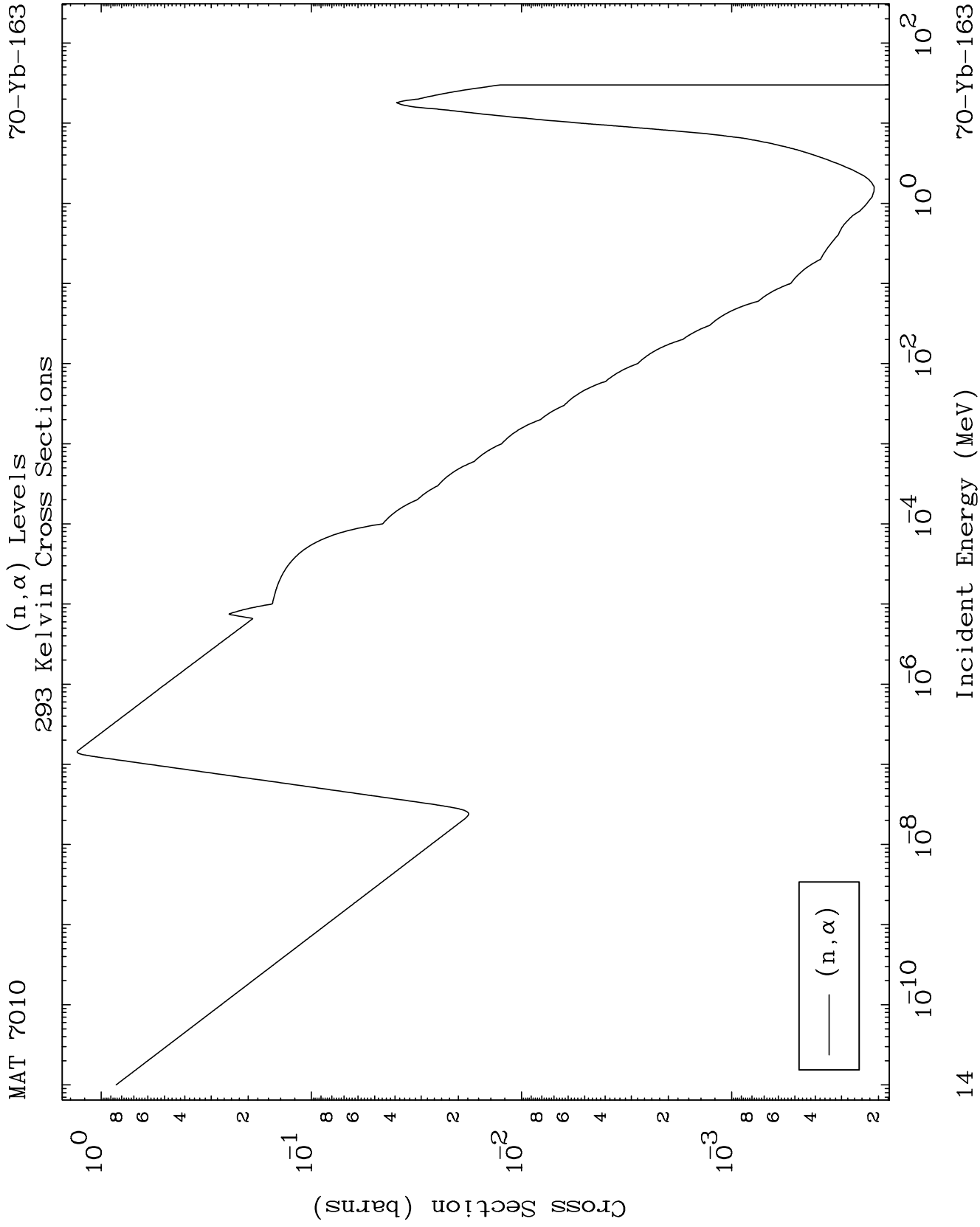
70-Yb-163

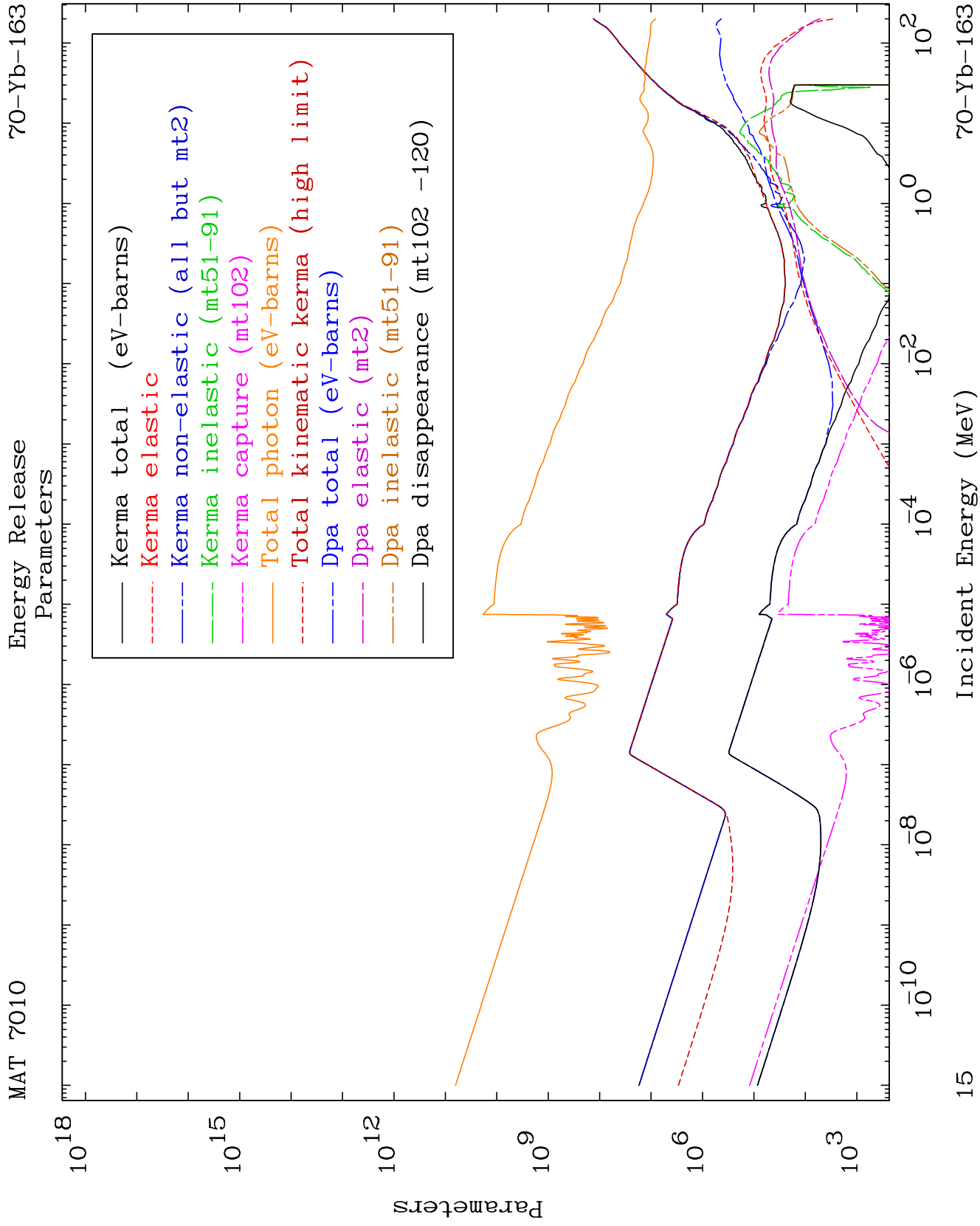


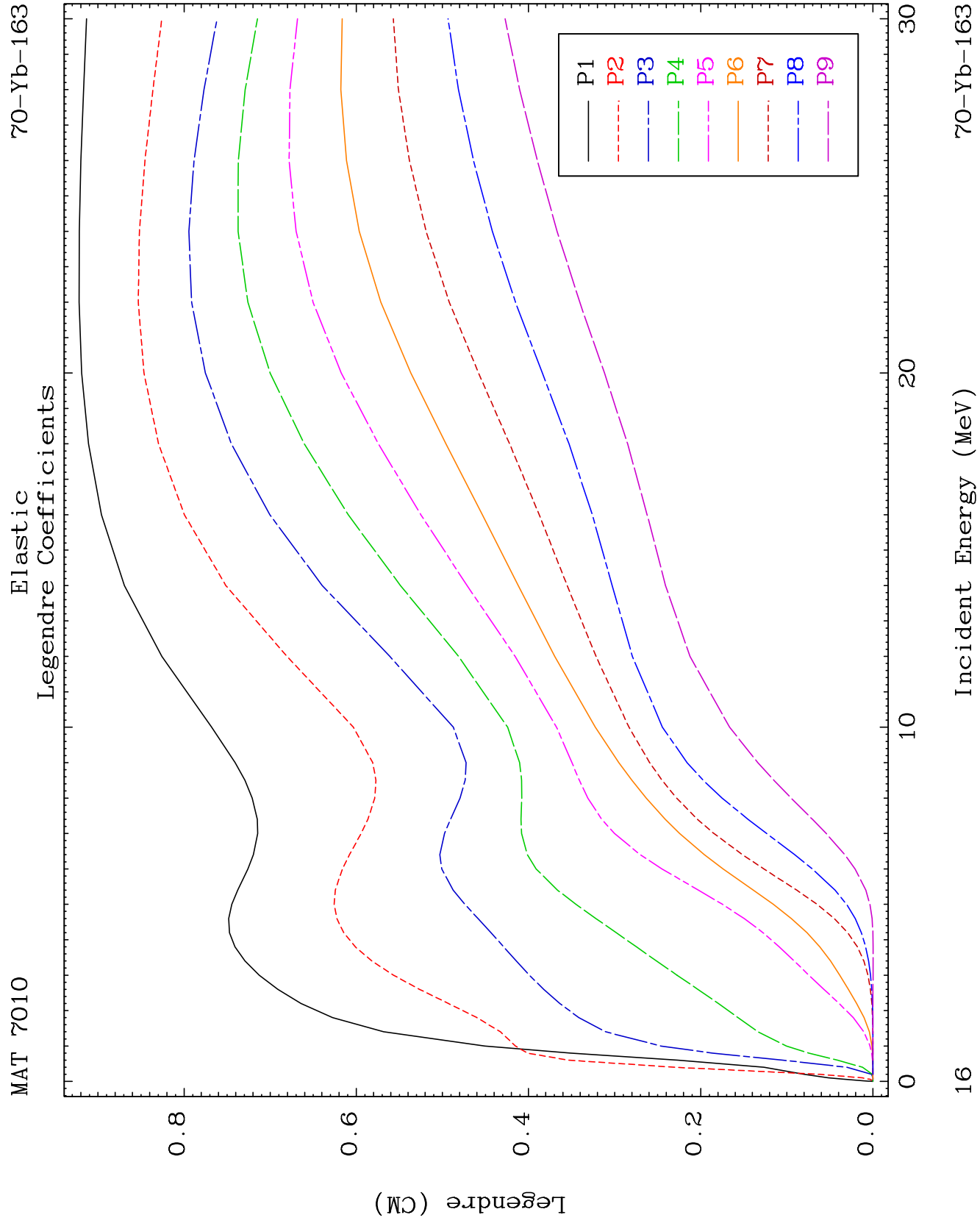
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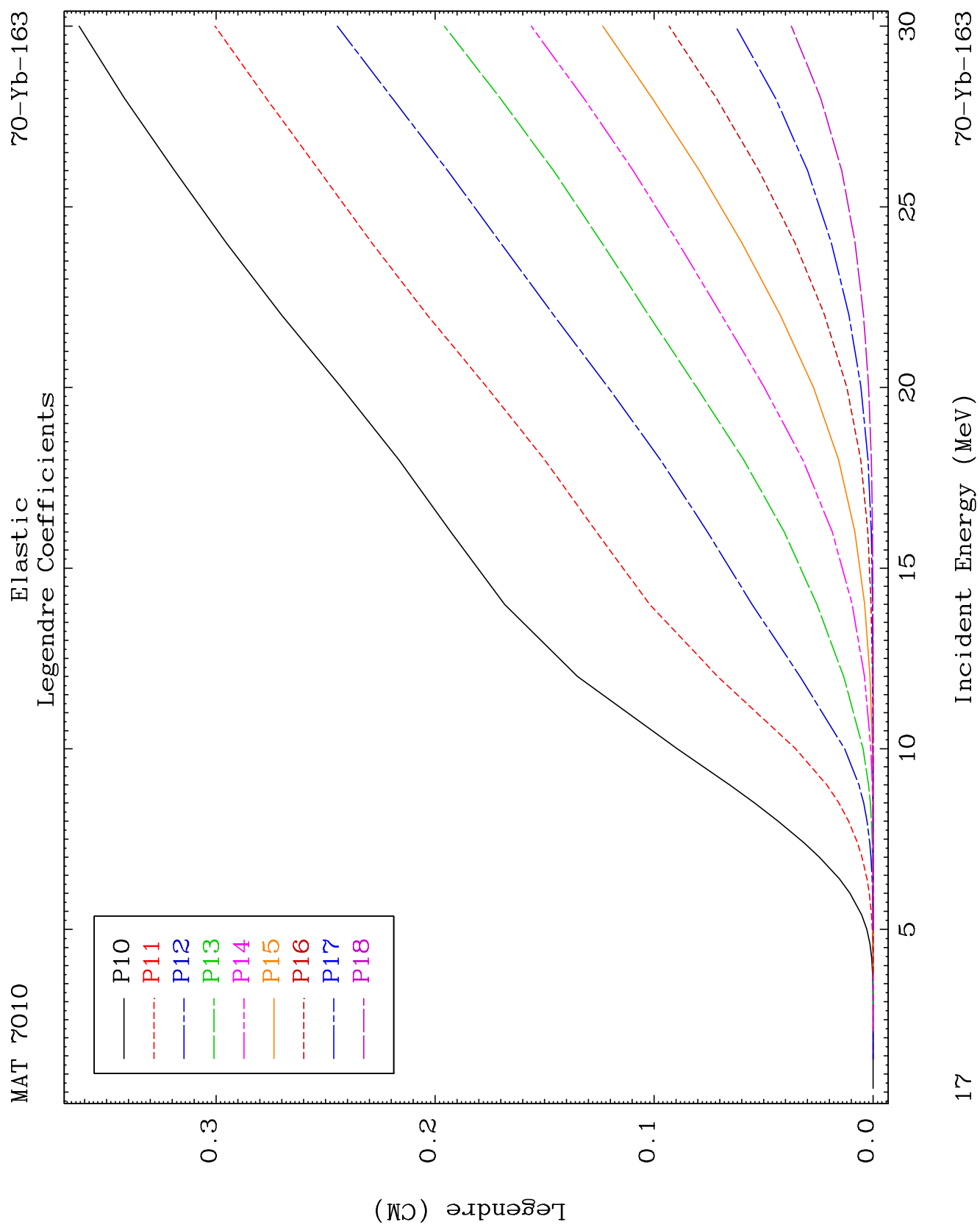
Incident Energy (MeV)

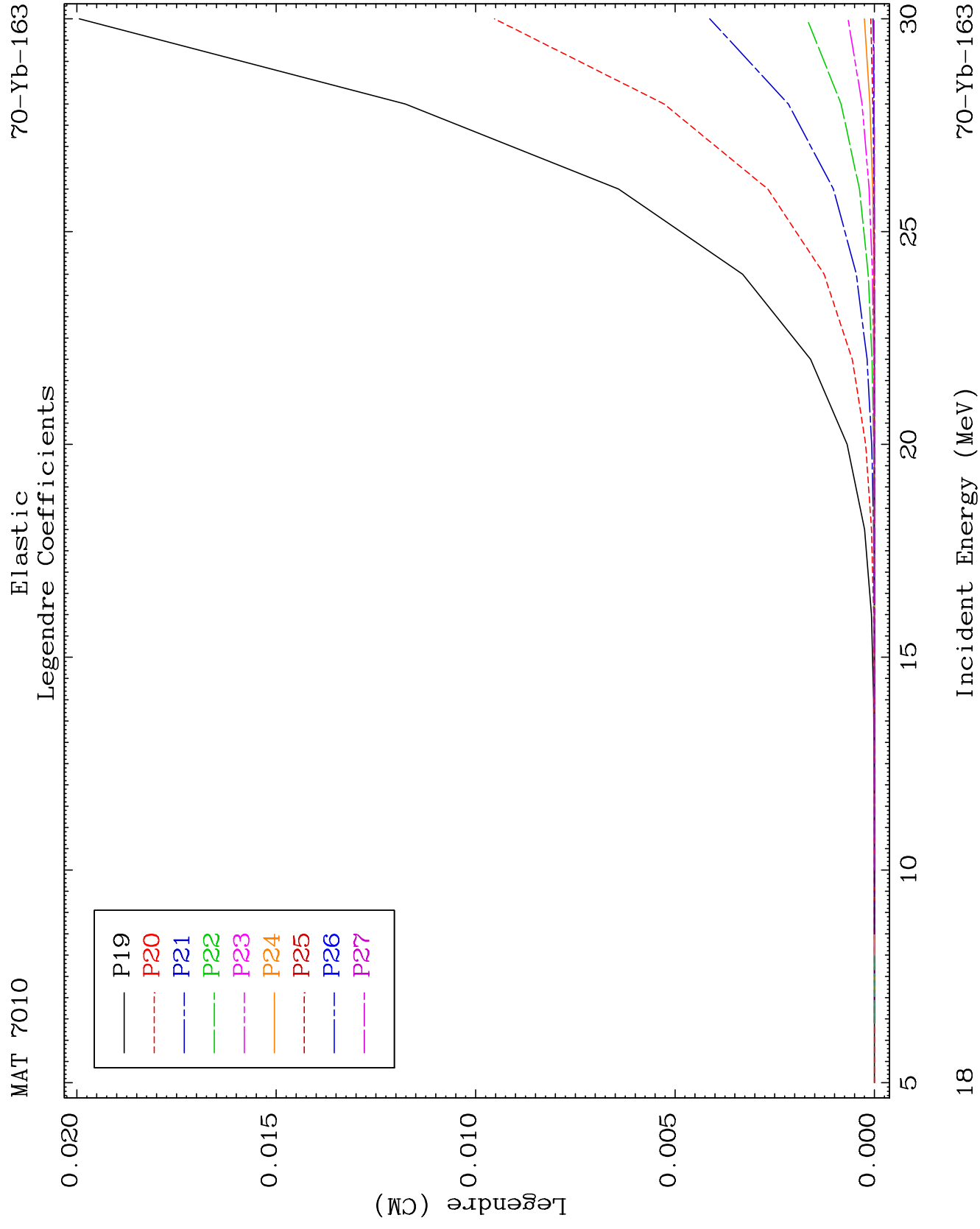
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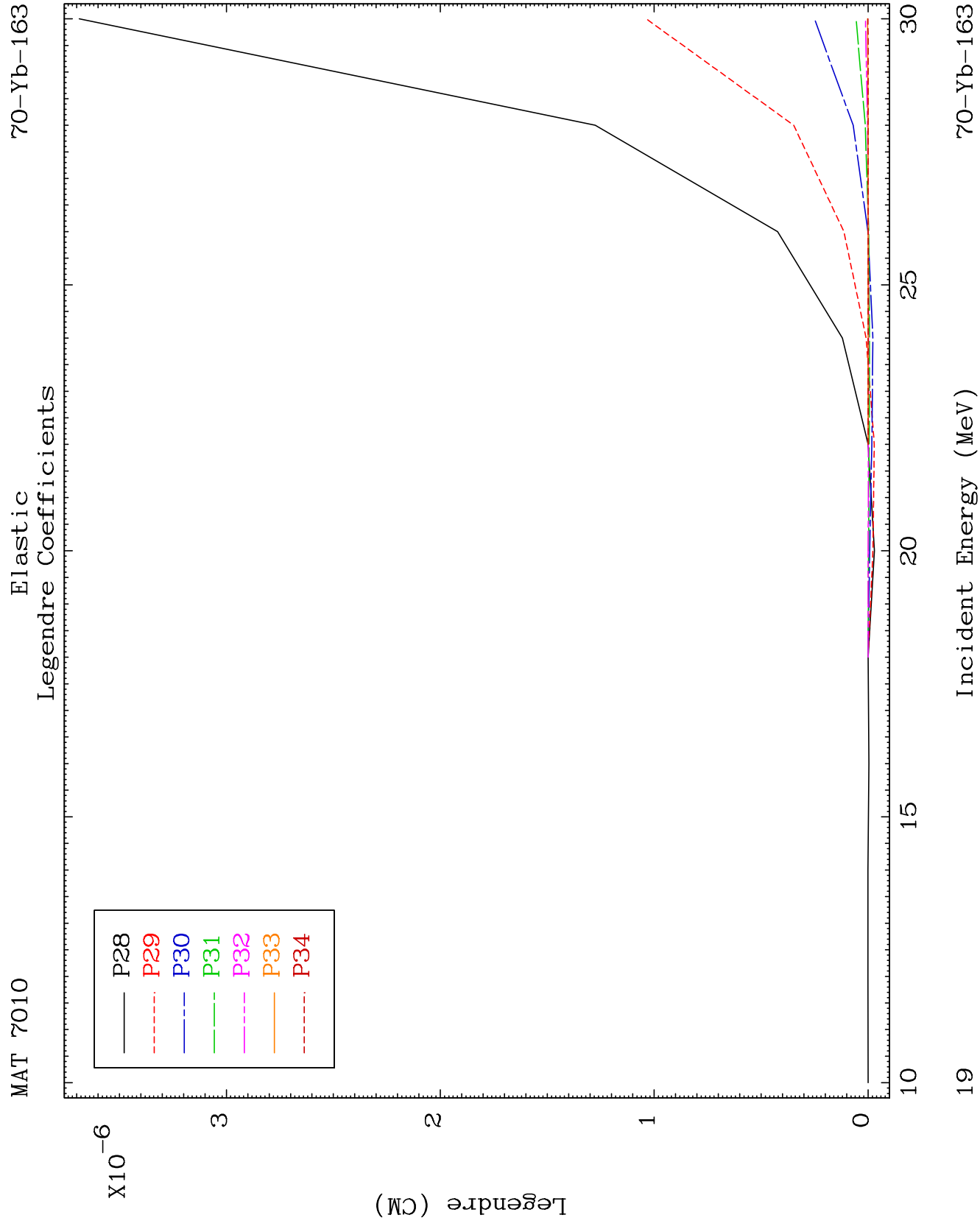


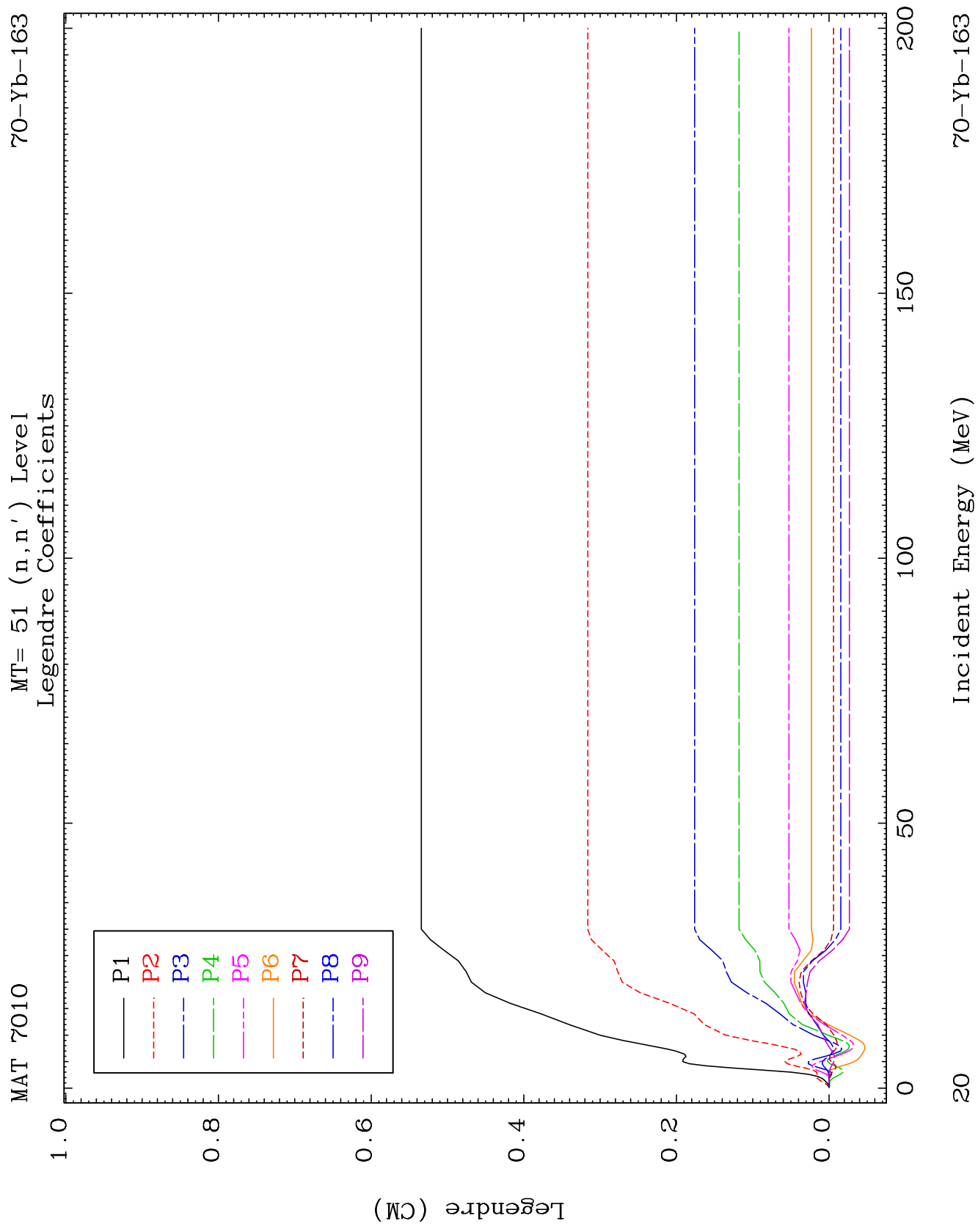








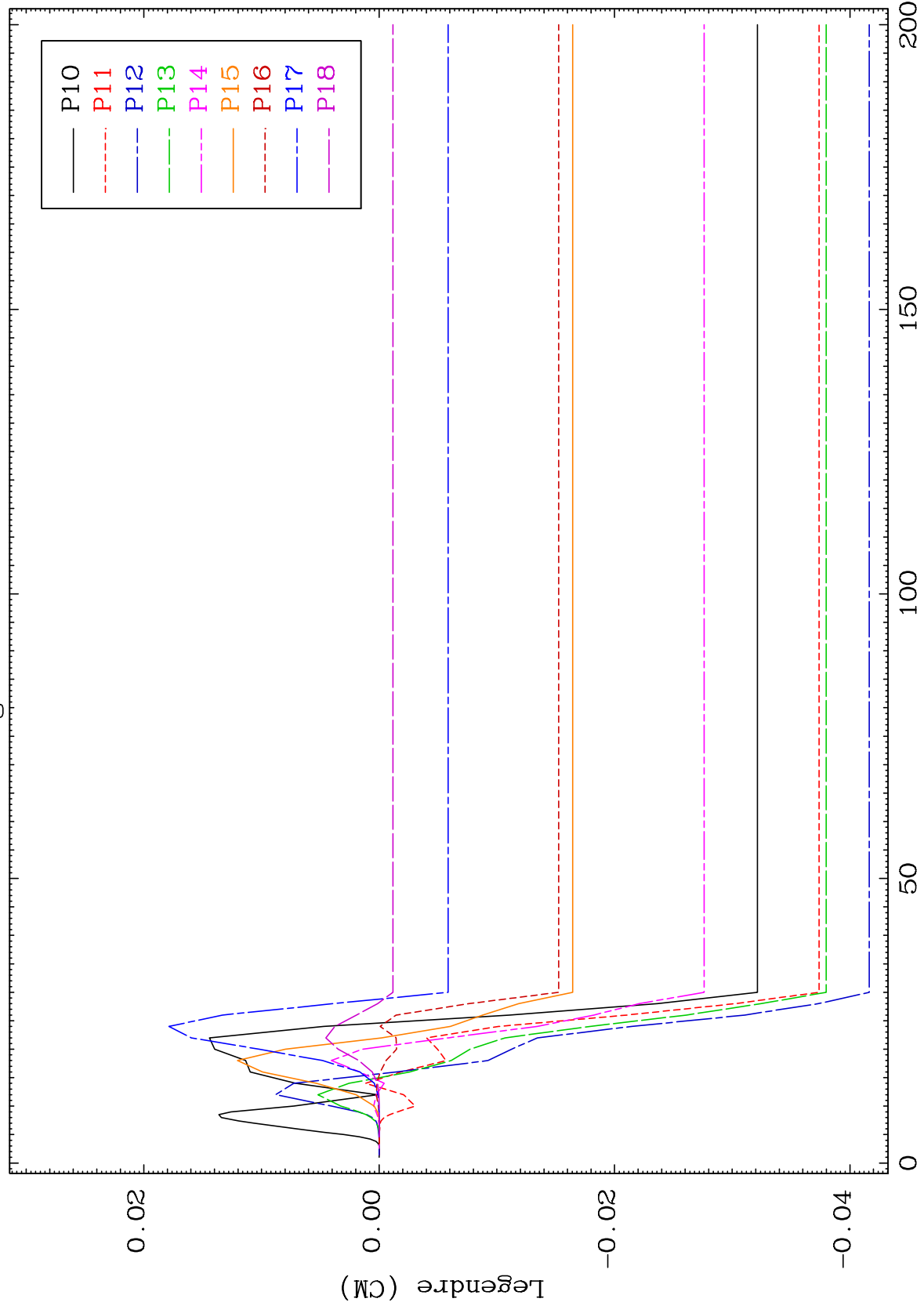




MAT 7010

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

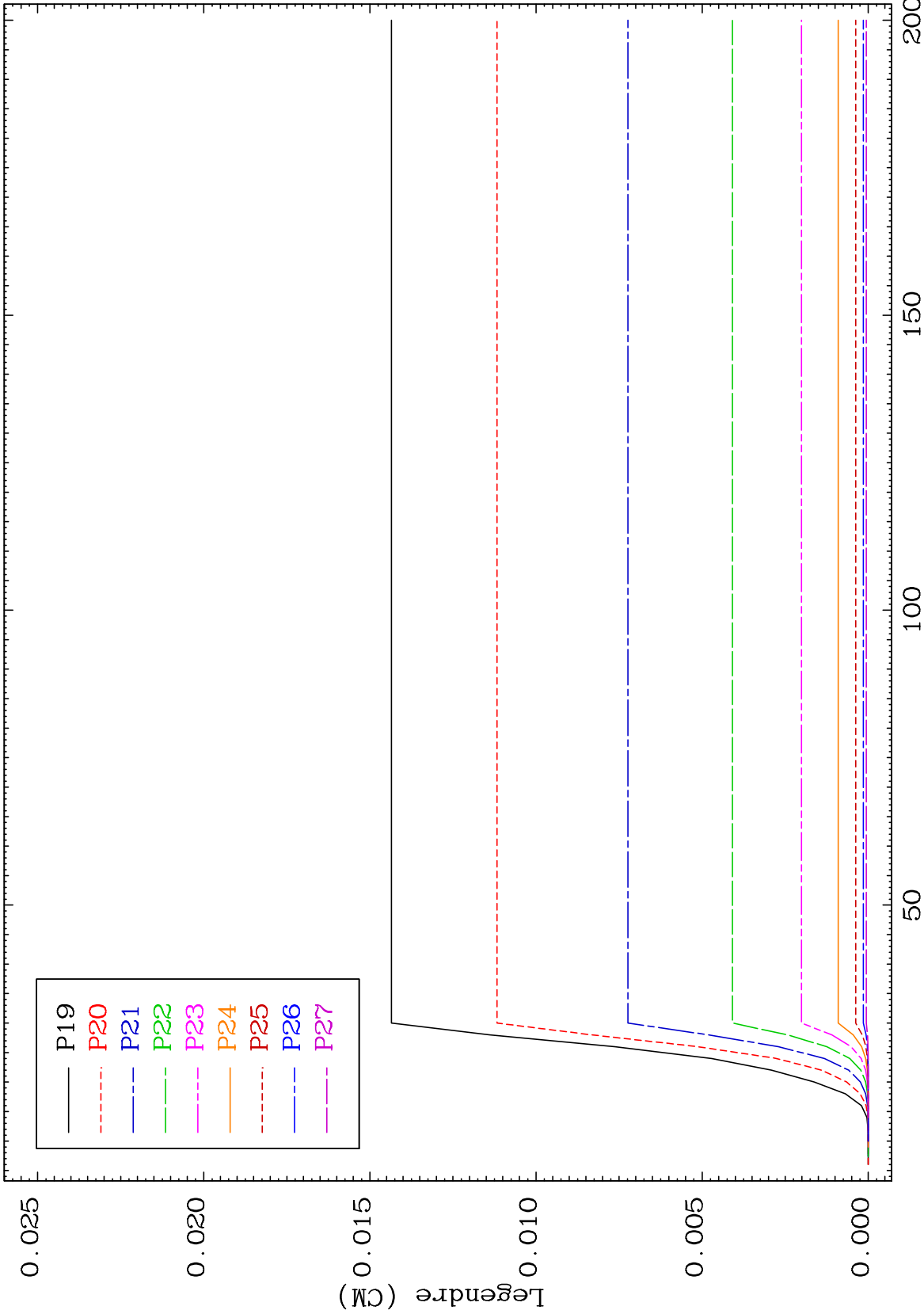
70-Yb-163



21

Incident Energy (MeV)

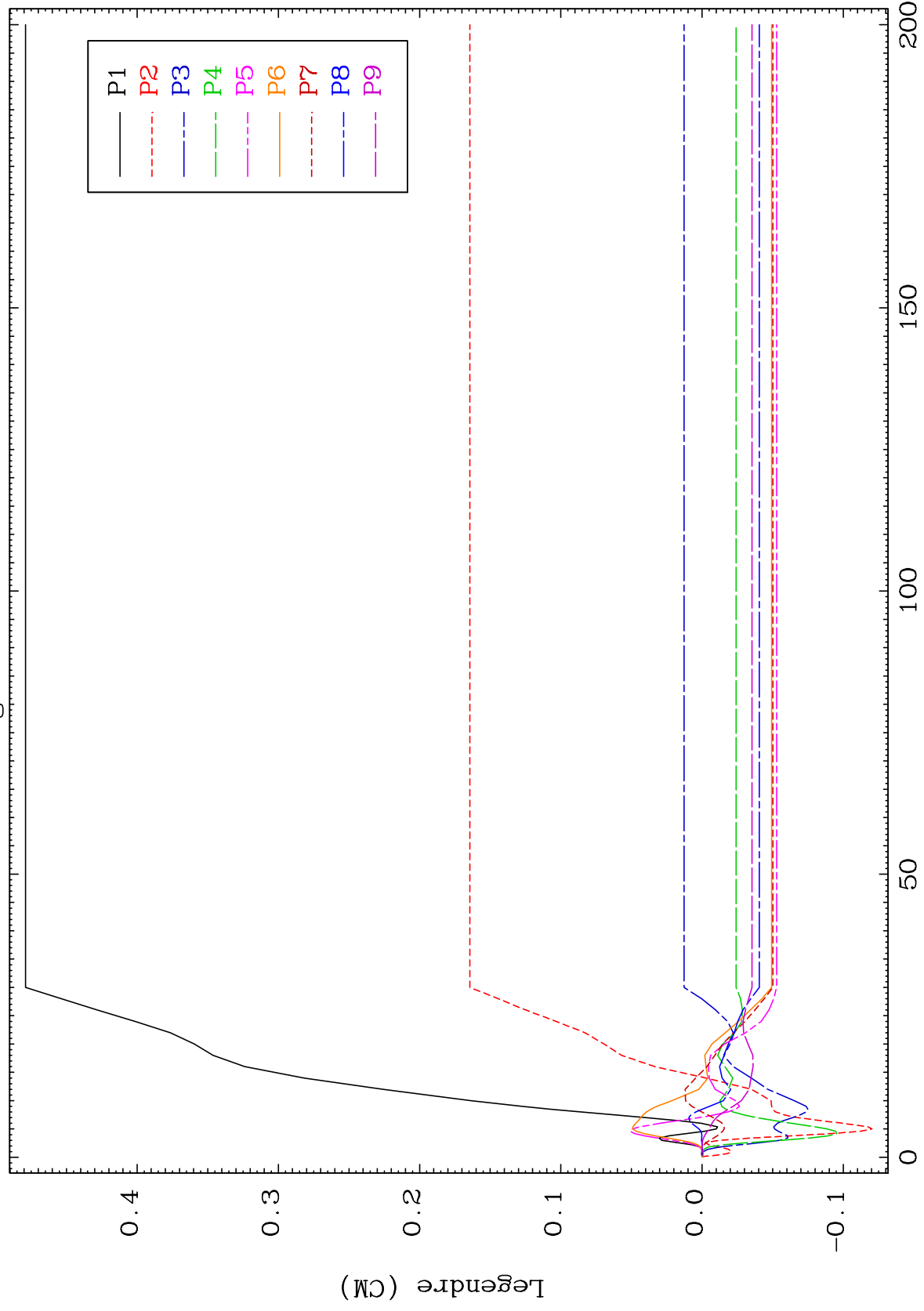
70-Yb-163



MAT 7010

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

70-Yb-163

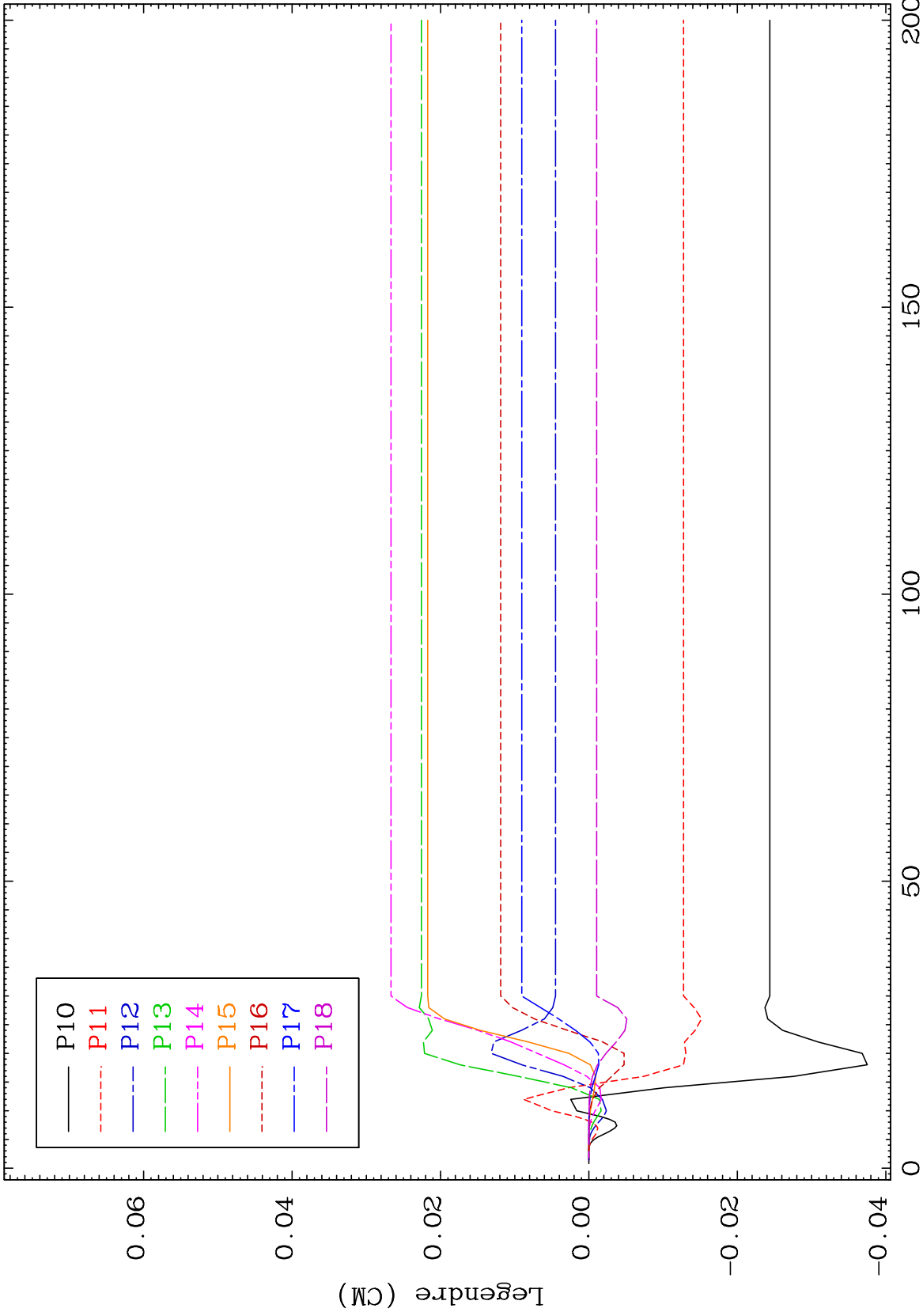


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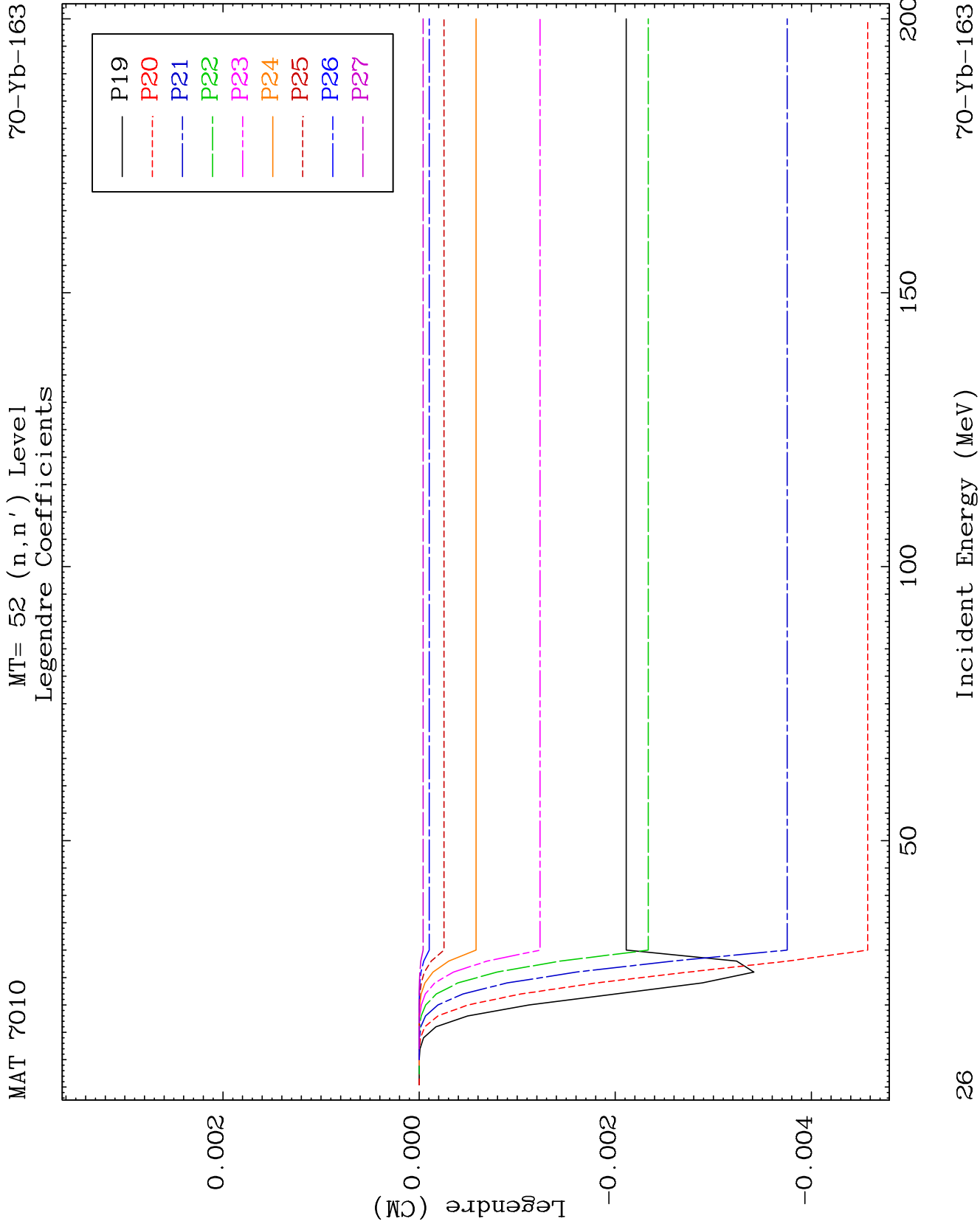
Incident Energy (MeV)

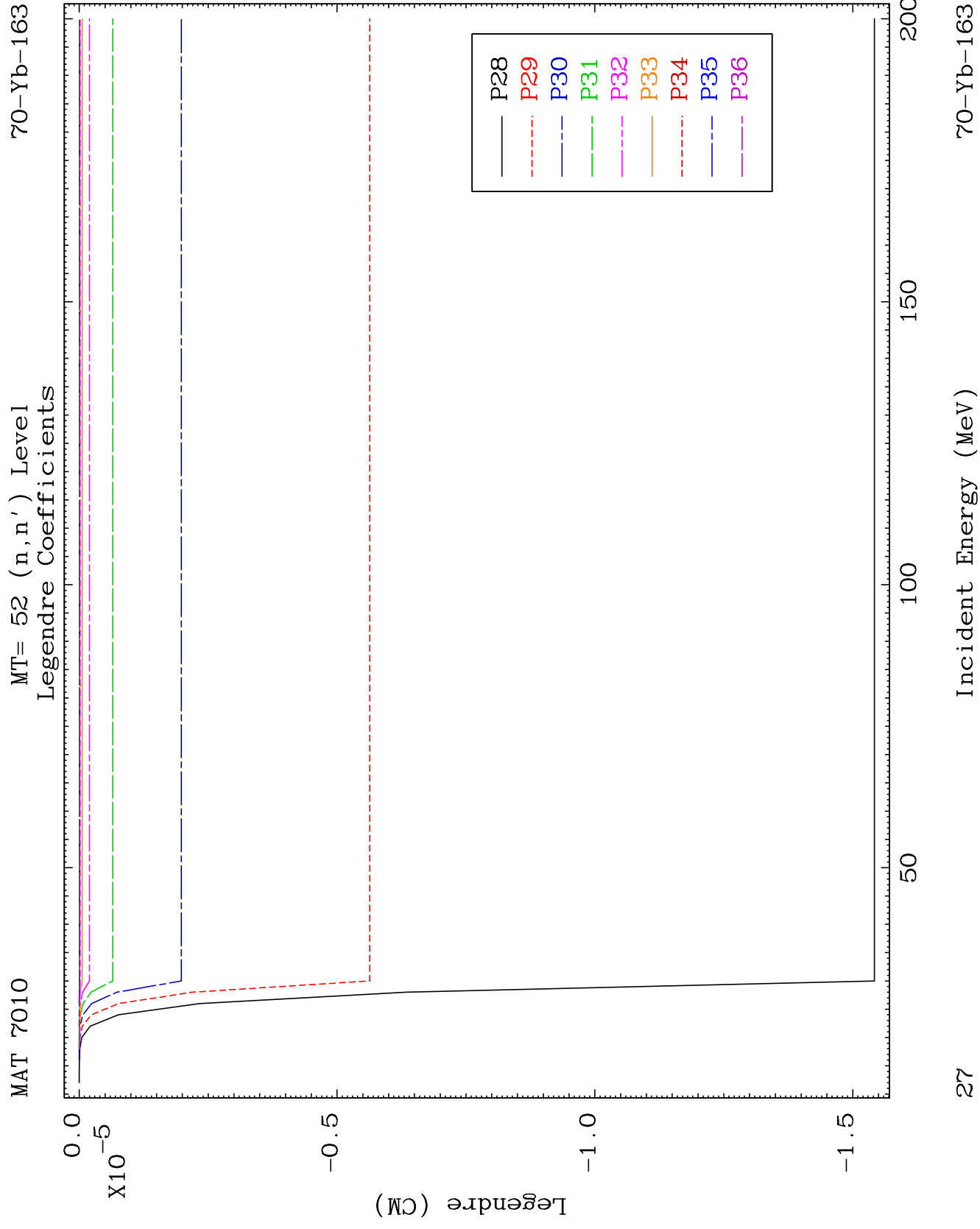
70-Yb-163

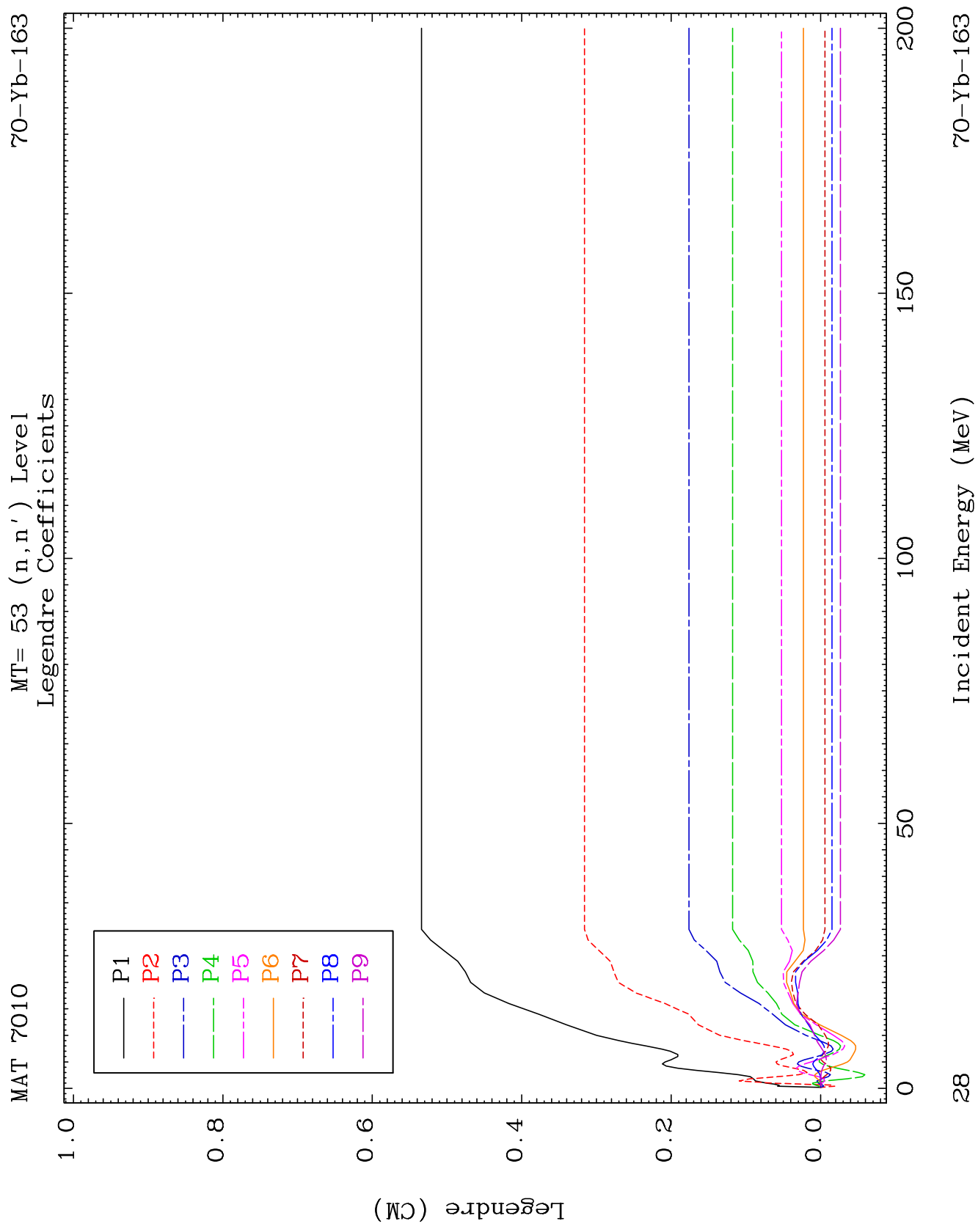
MAT 7010 MT= 52 (n,n') Level Legendre Coefficients 70-Yb-163



70-Yb-163



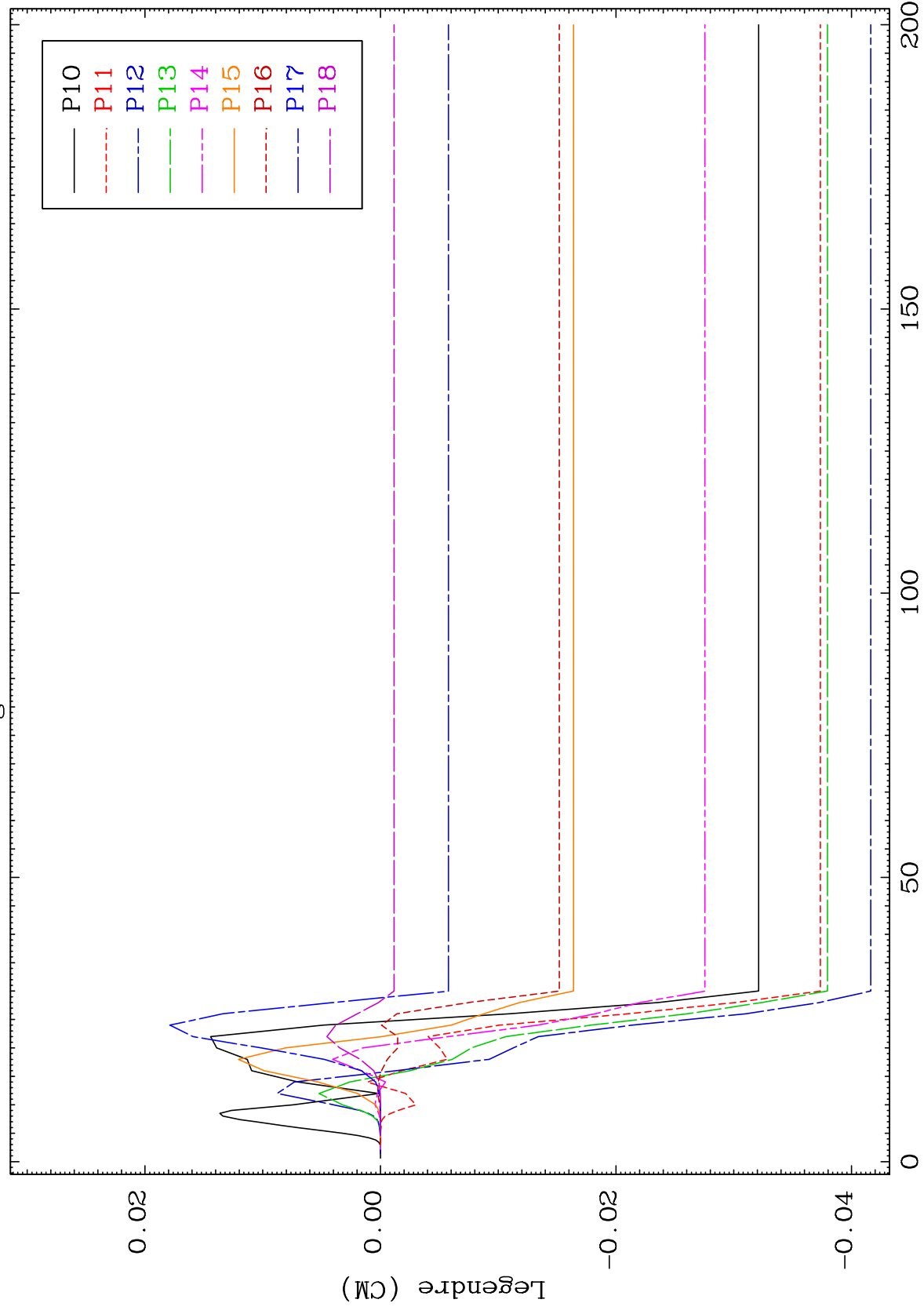




MAT 7010

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

70-Yb-163



29

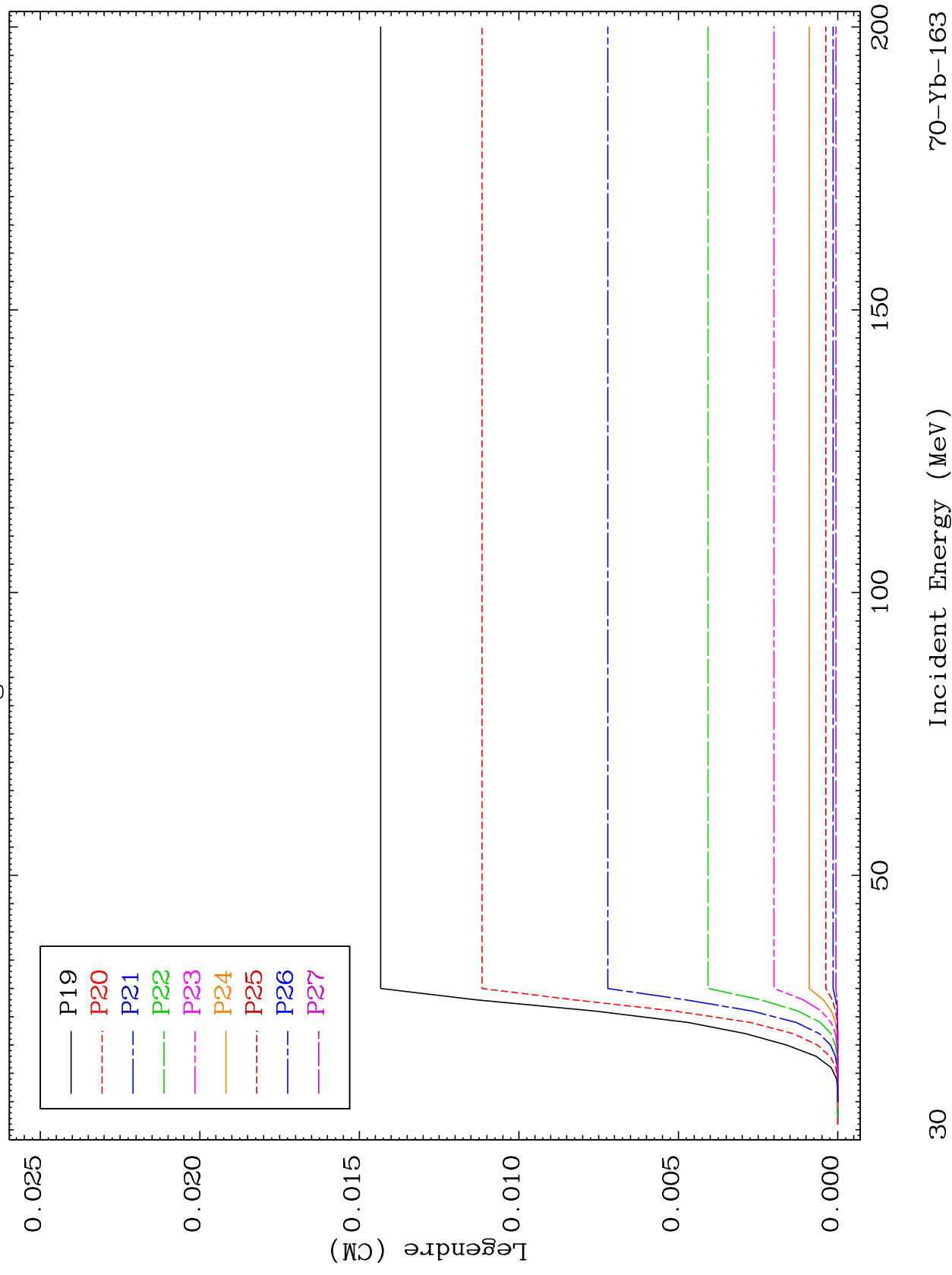
Incident Energy (MeV)

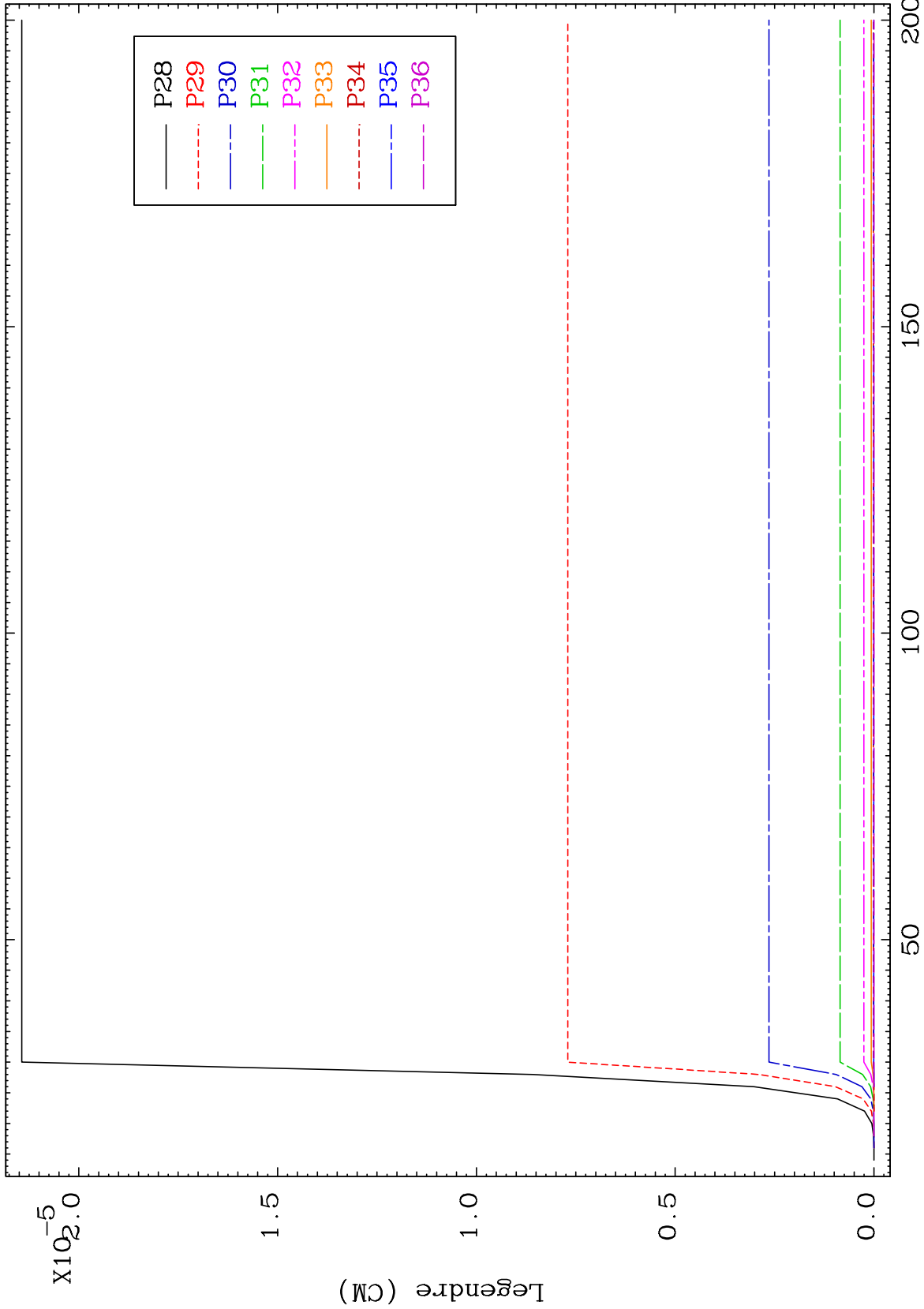
70-Yb-163

MAT 7010

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

70-Yb-163

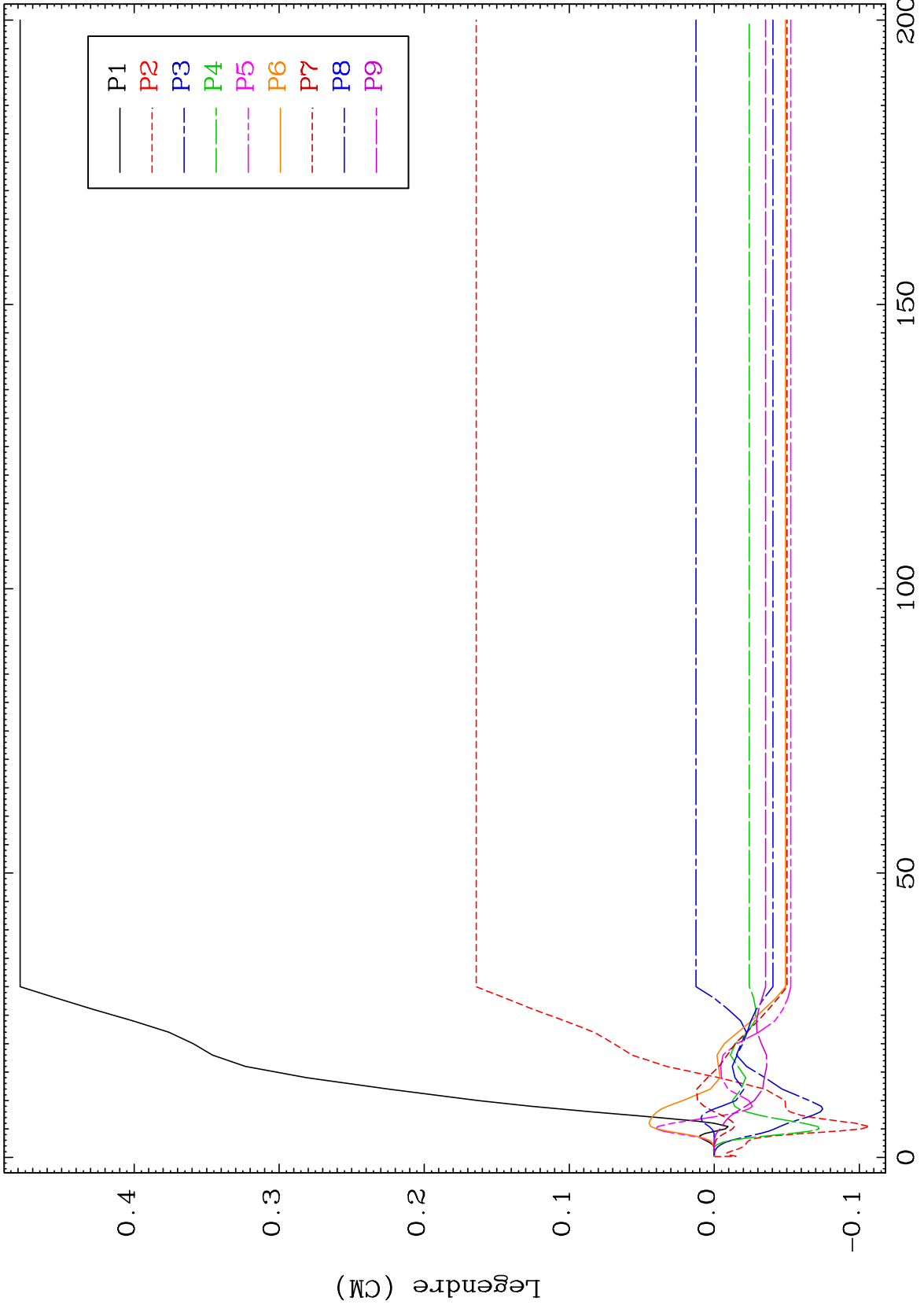




MAT 7010

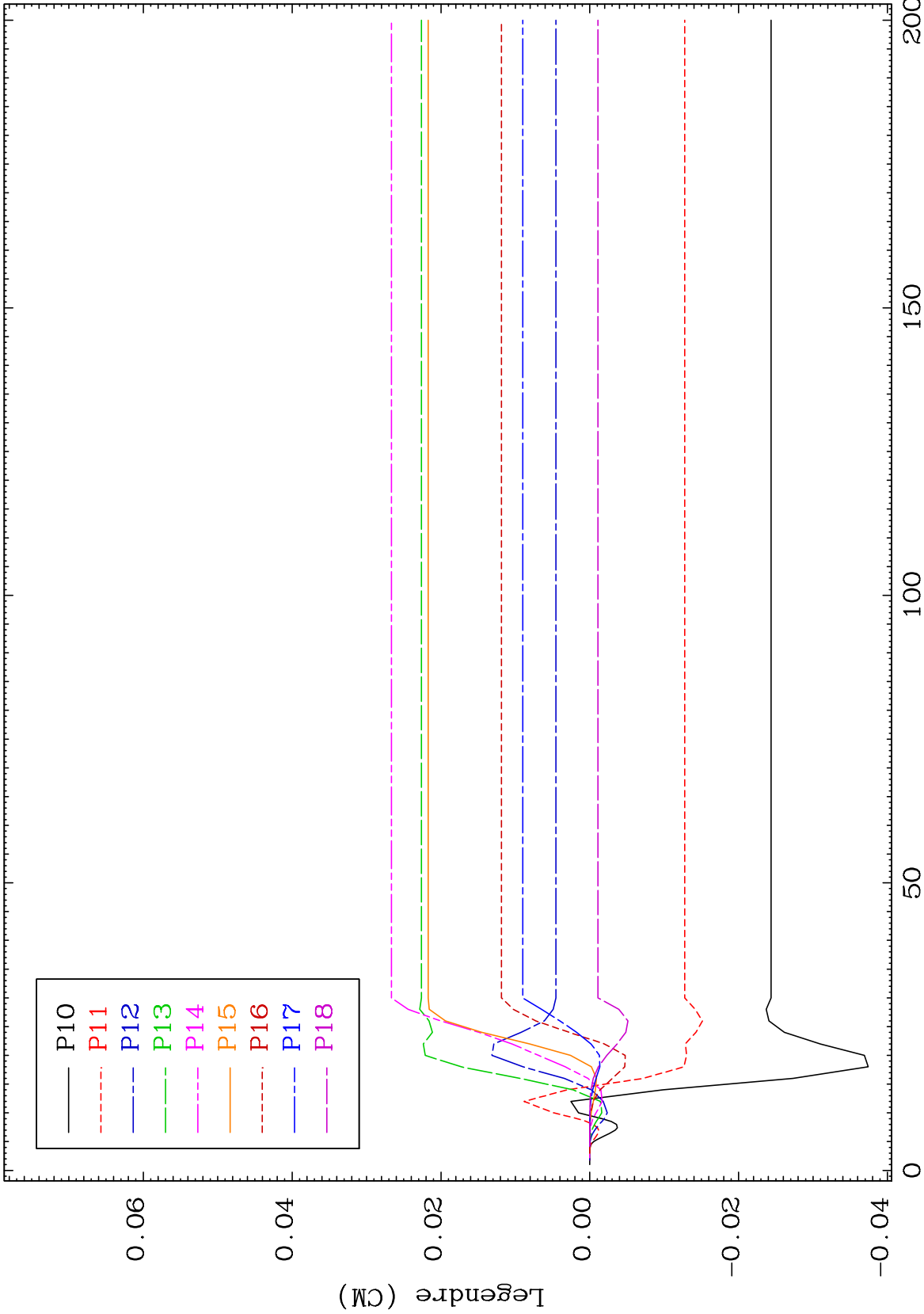
MT= 54 (n,n') Level
Legendre Coefficients

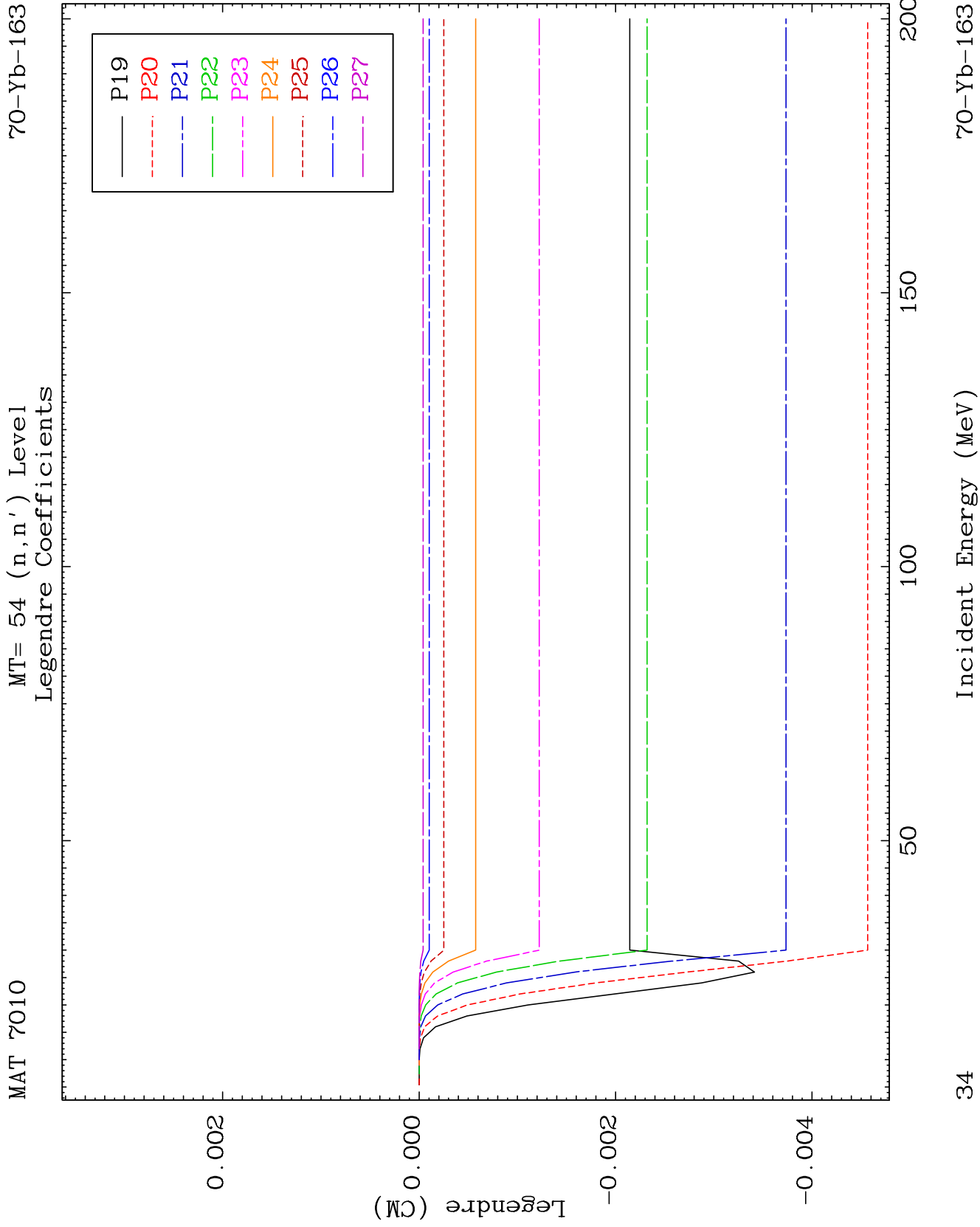
70-Yb-163

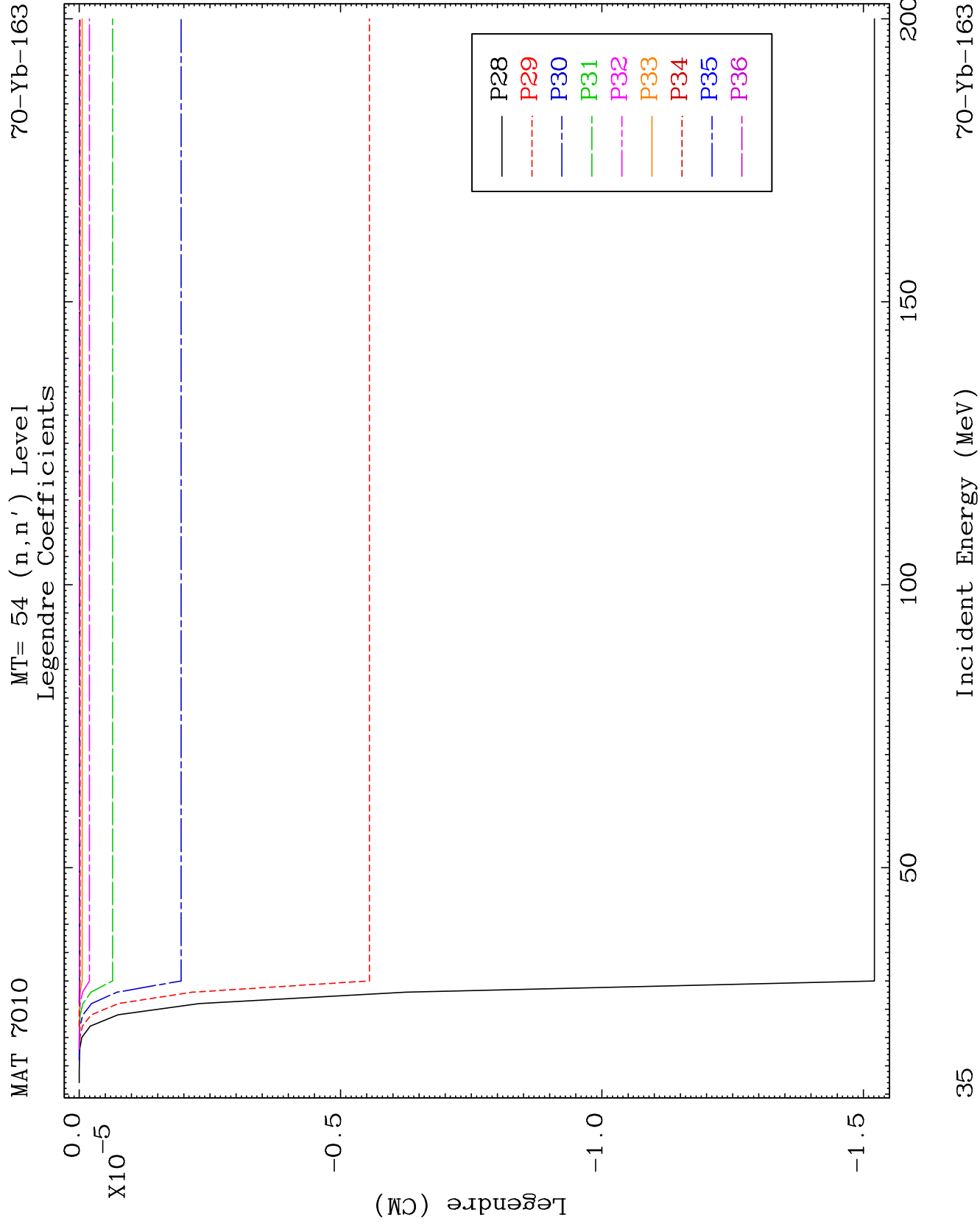


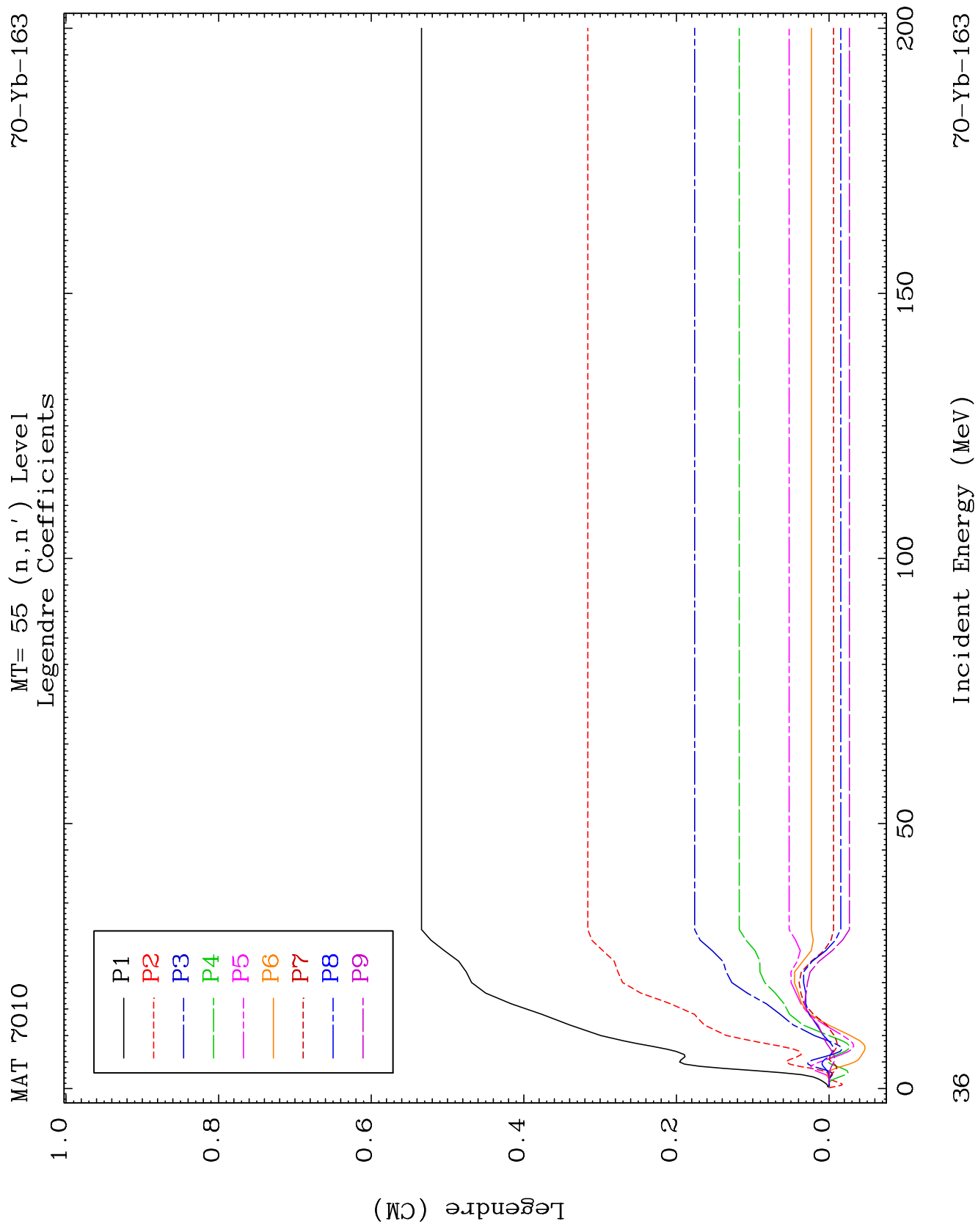
32

70-Yb-163





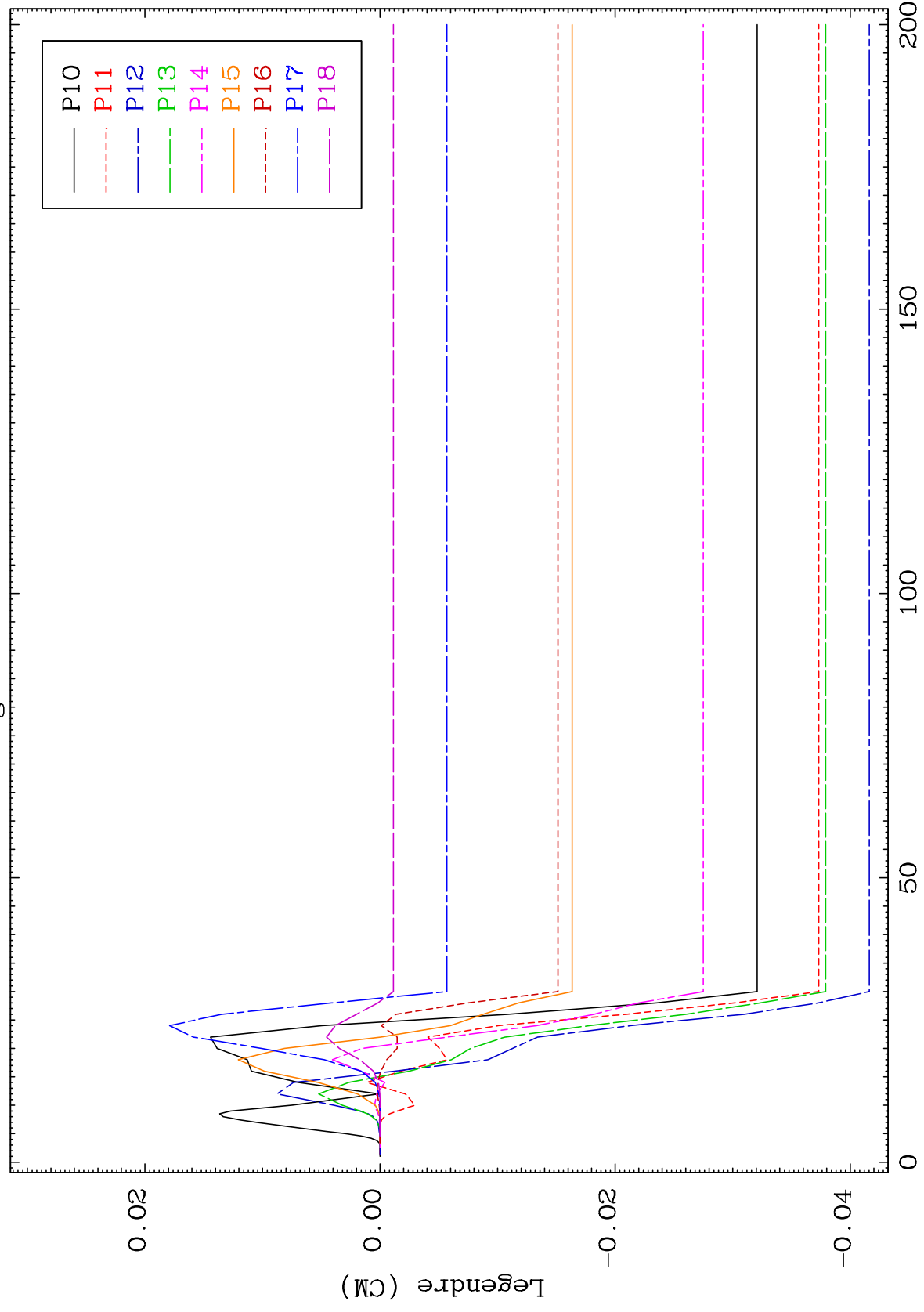




MAT 7010

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

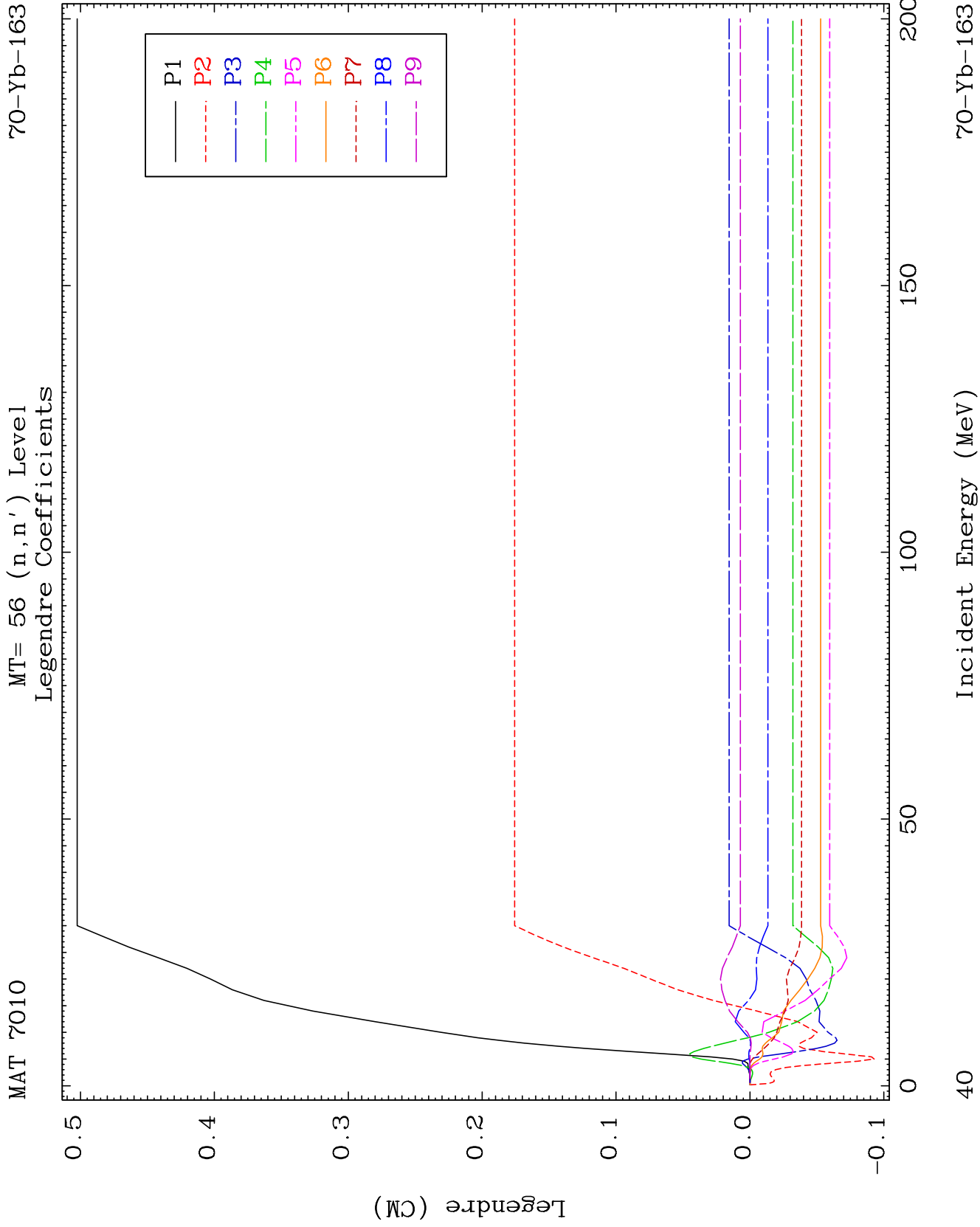
70-Yb-163



32

Incident Energy (MeV)

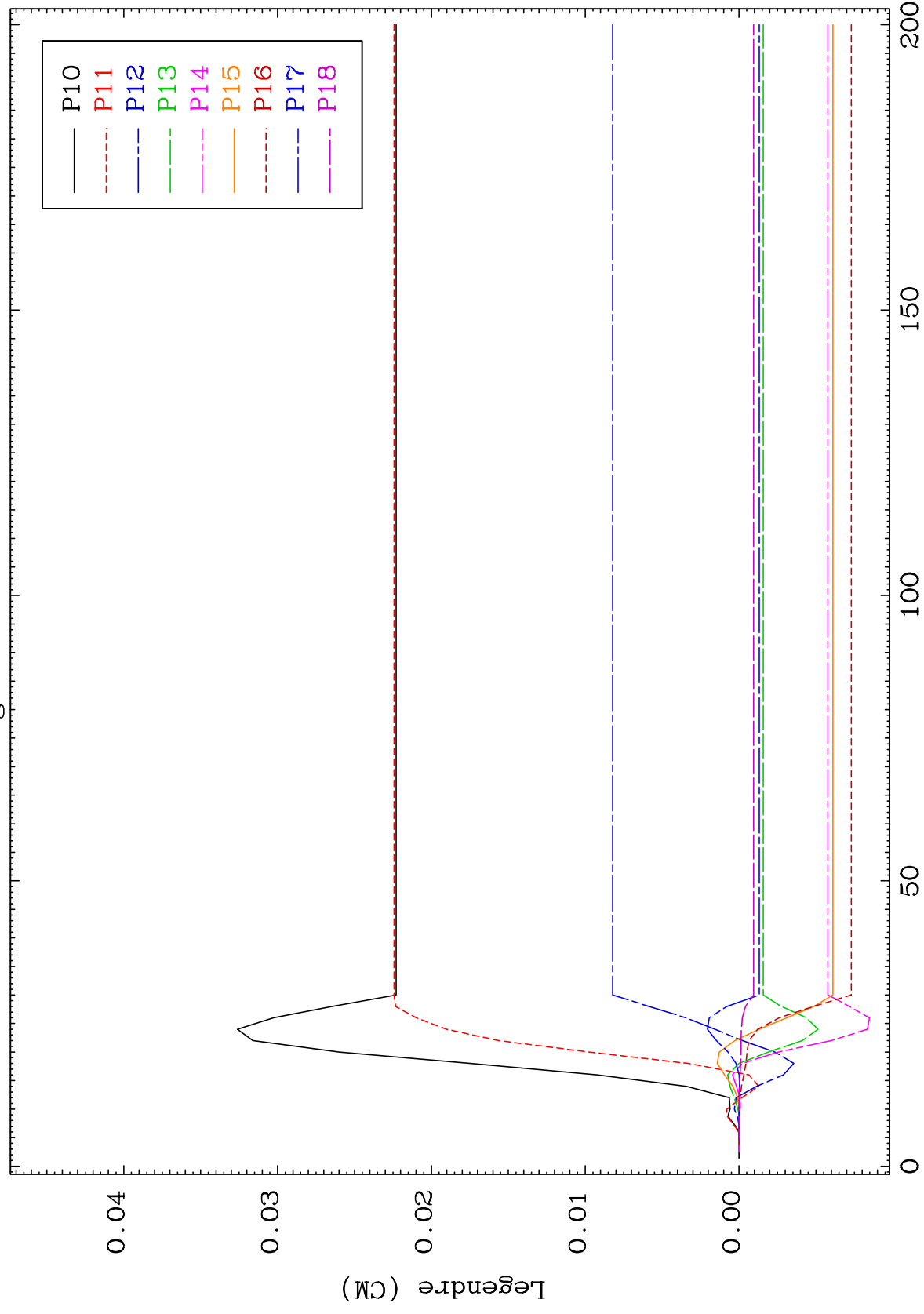
70-Yb-163



MAT 7010

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

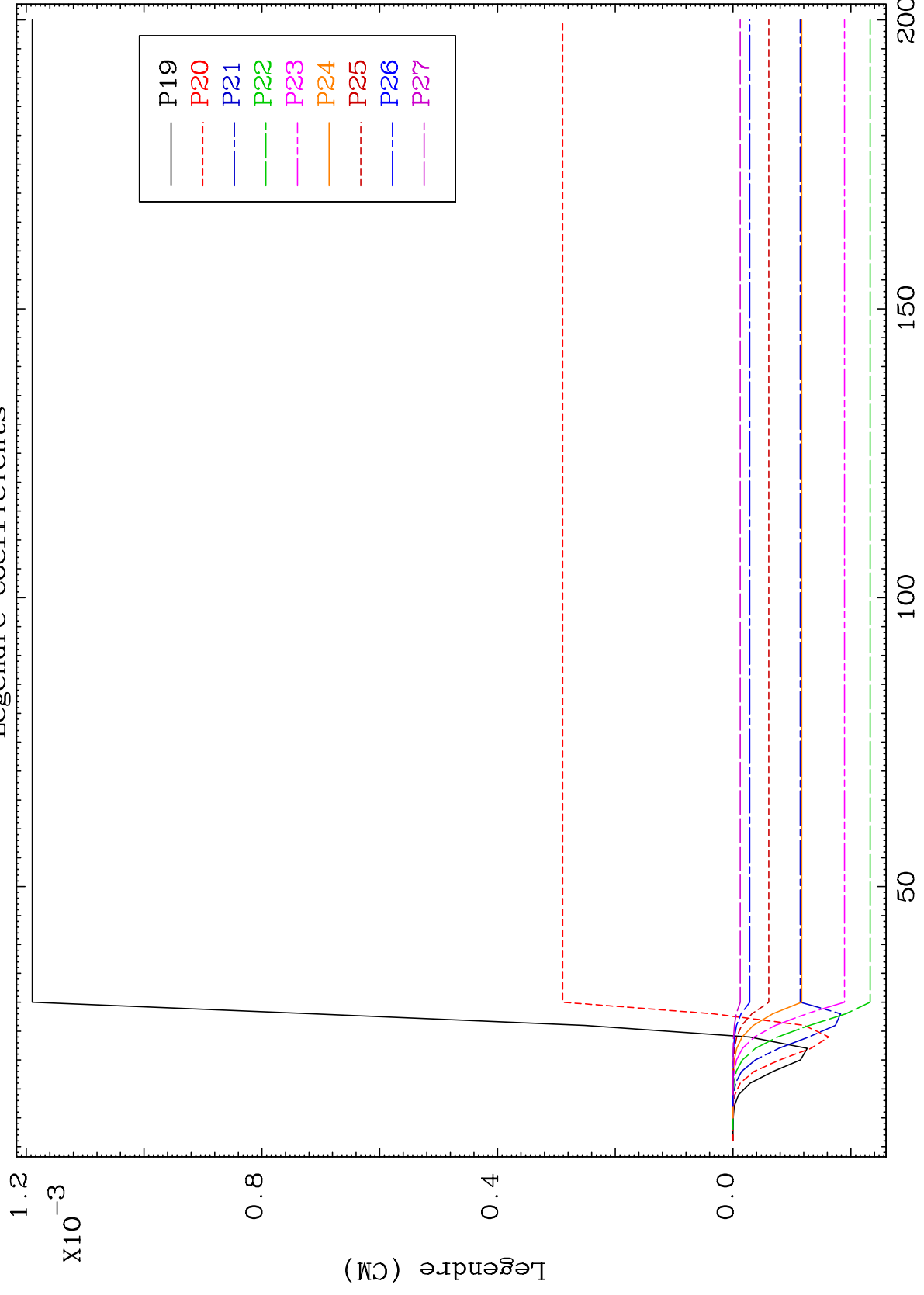
70-Yb-163



41

Incident Energy (MeV)

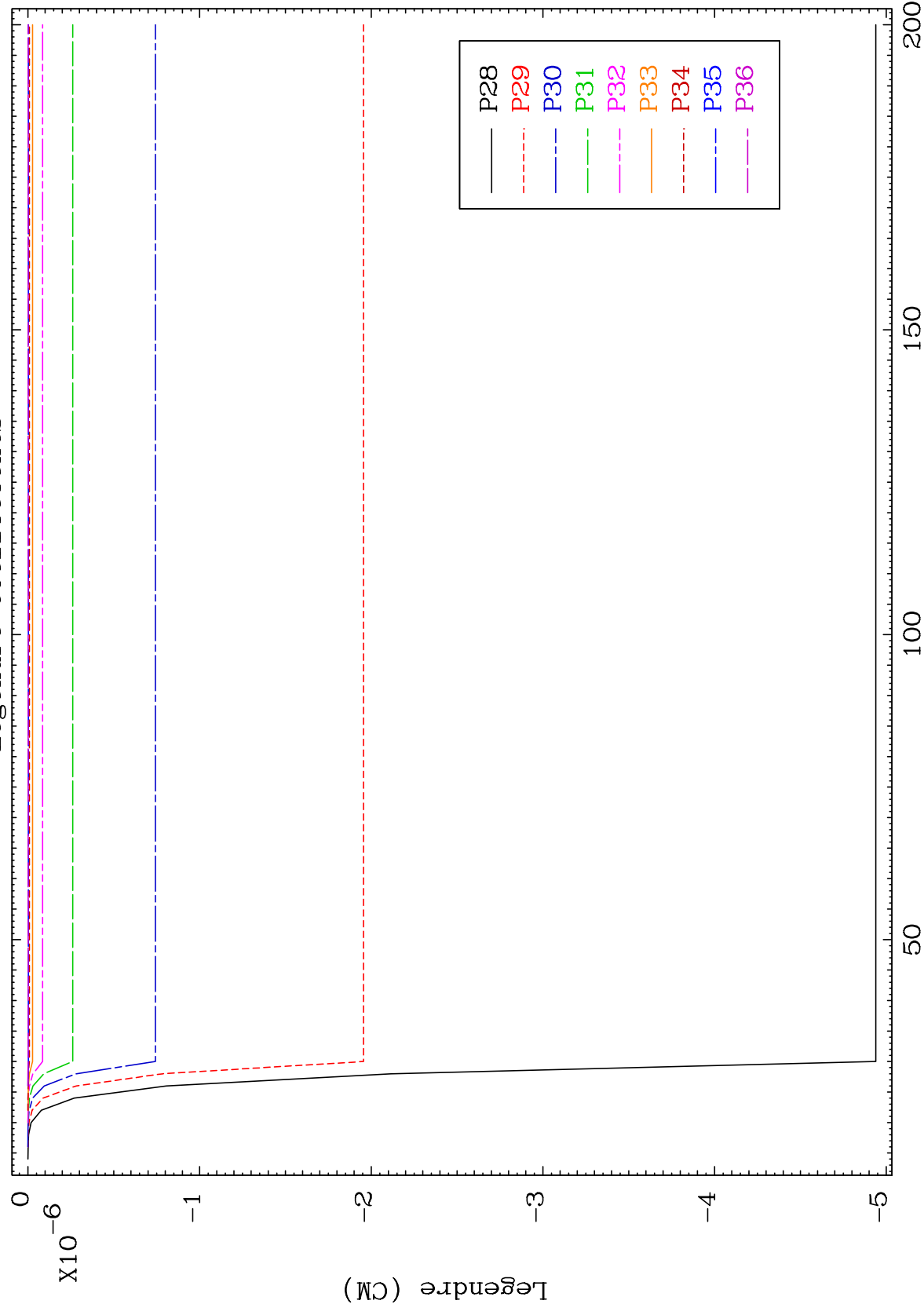
70-Yb-163



MAT 7010

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

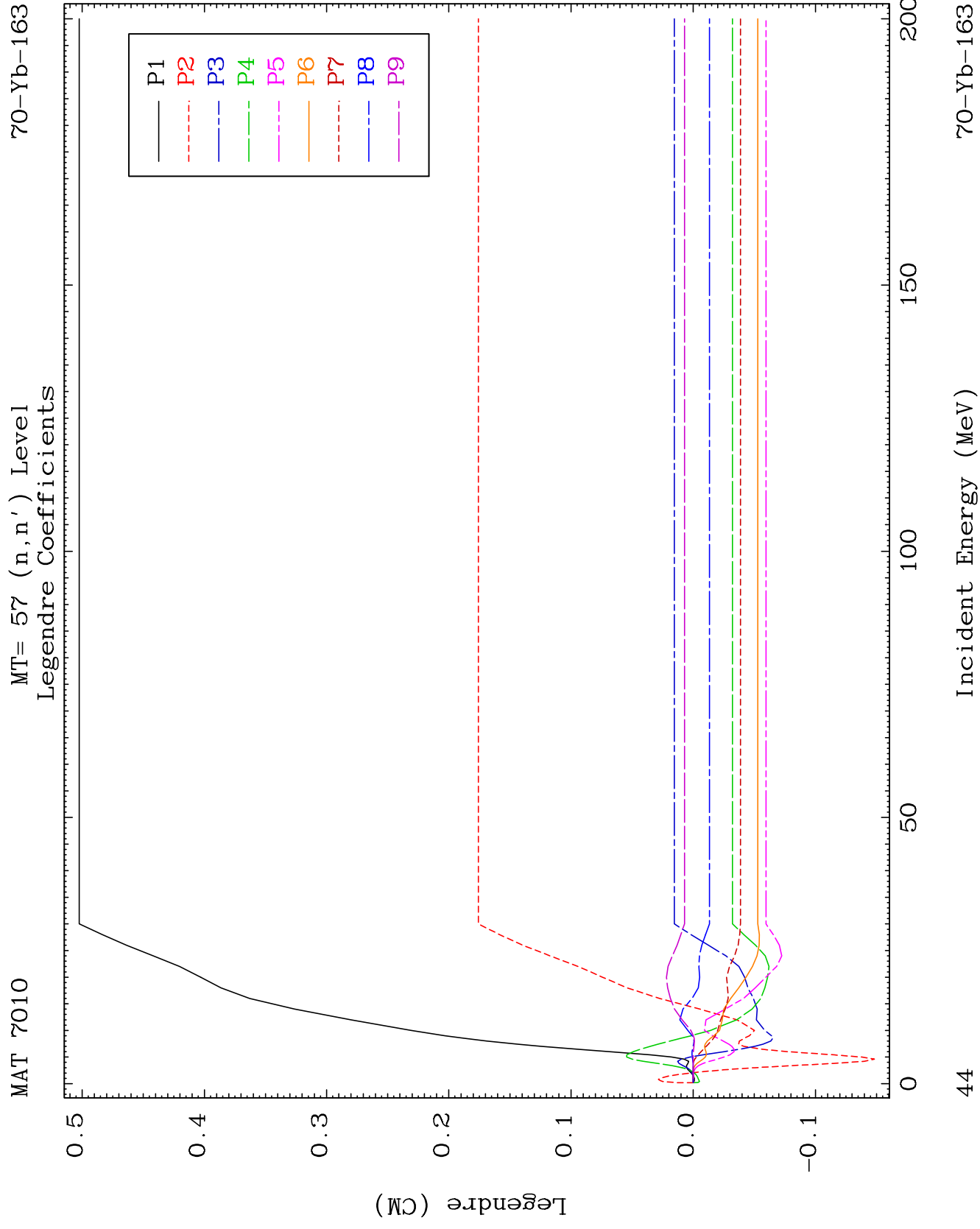
70-Yb-163



43

Incident Energy (MeV)

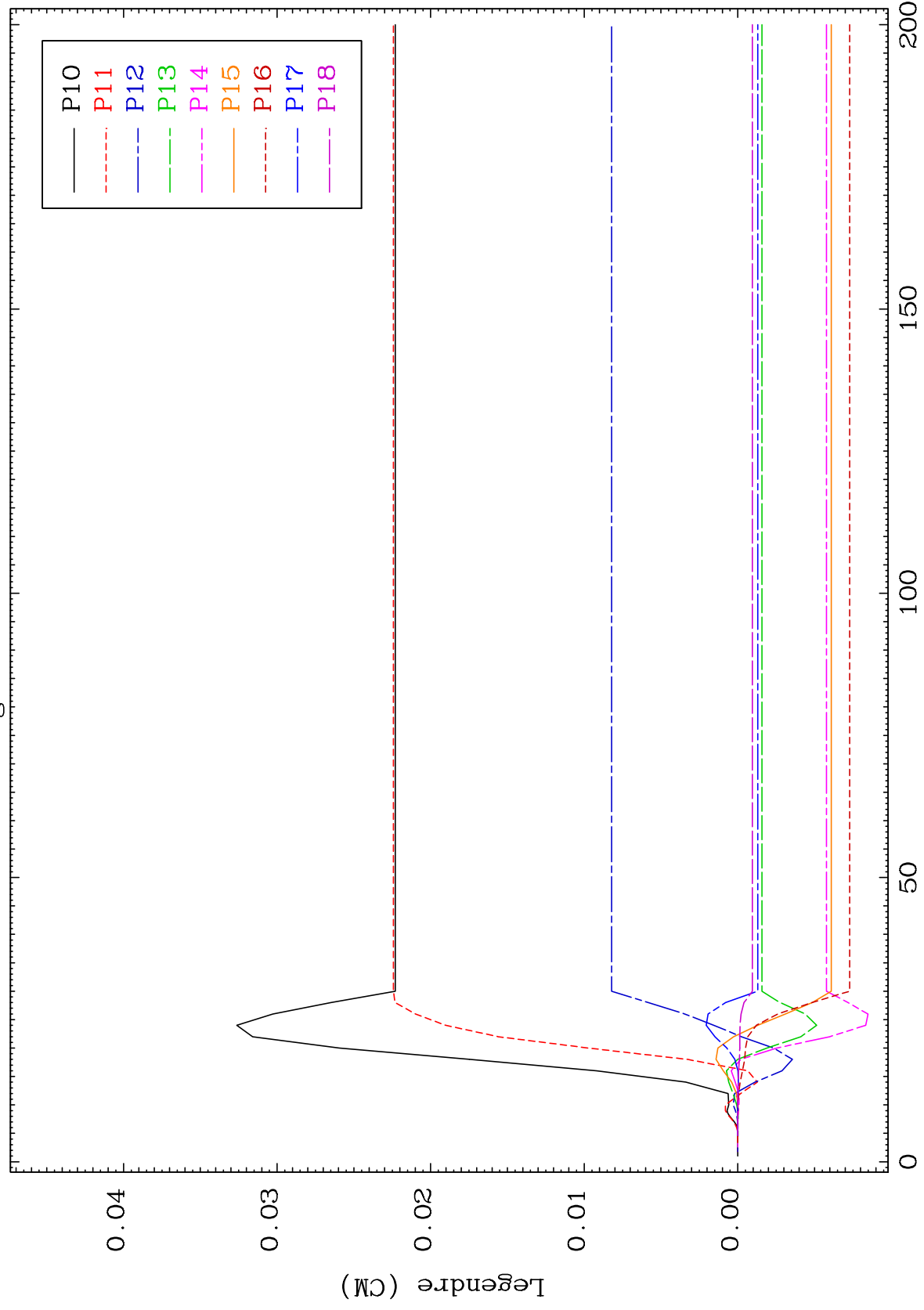
70-Yb-163



MAT 7010

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

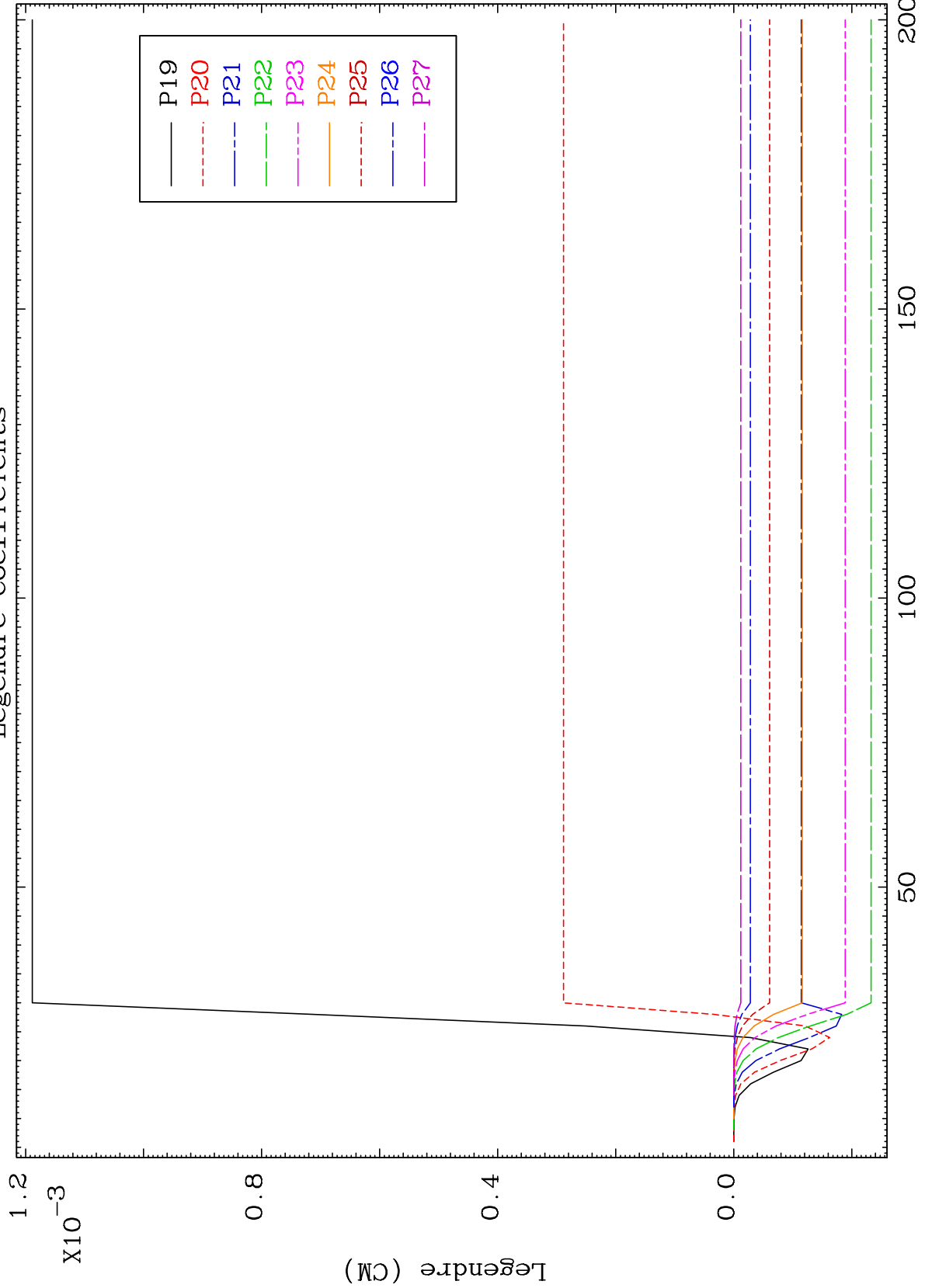
70-Yb-163

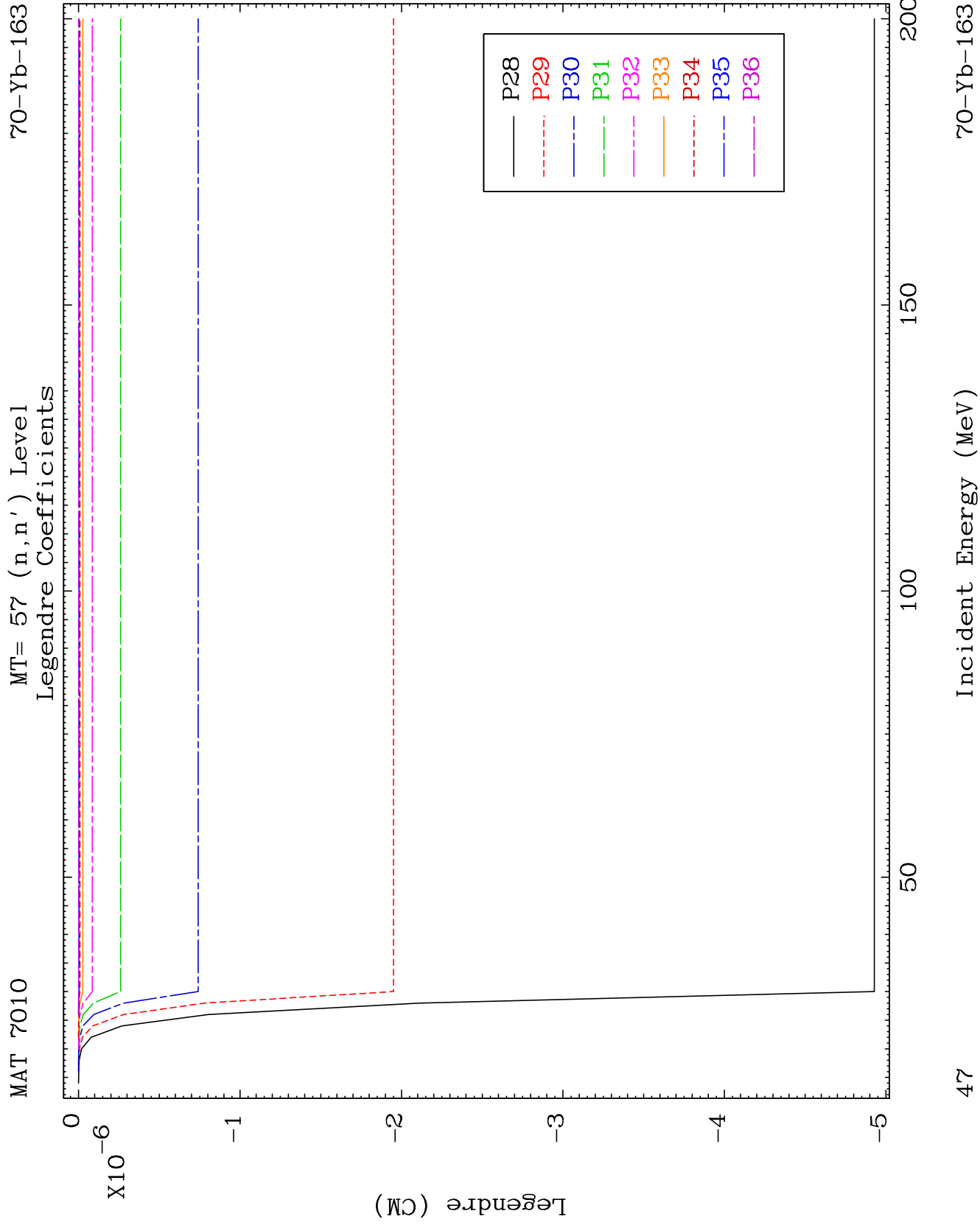


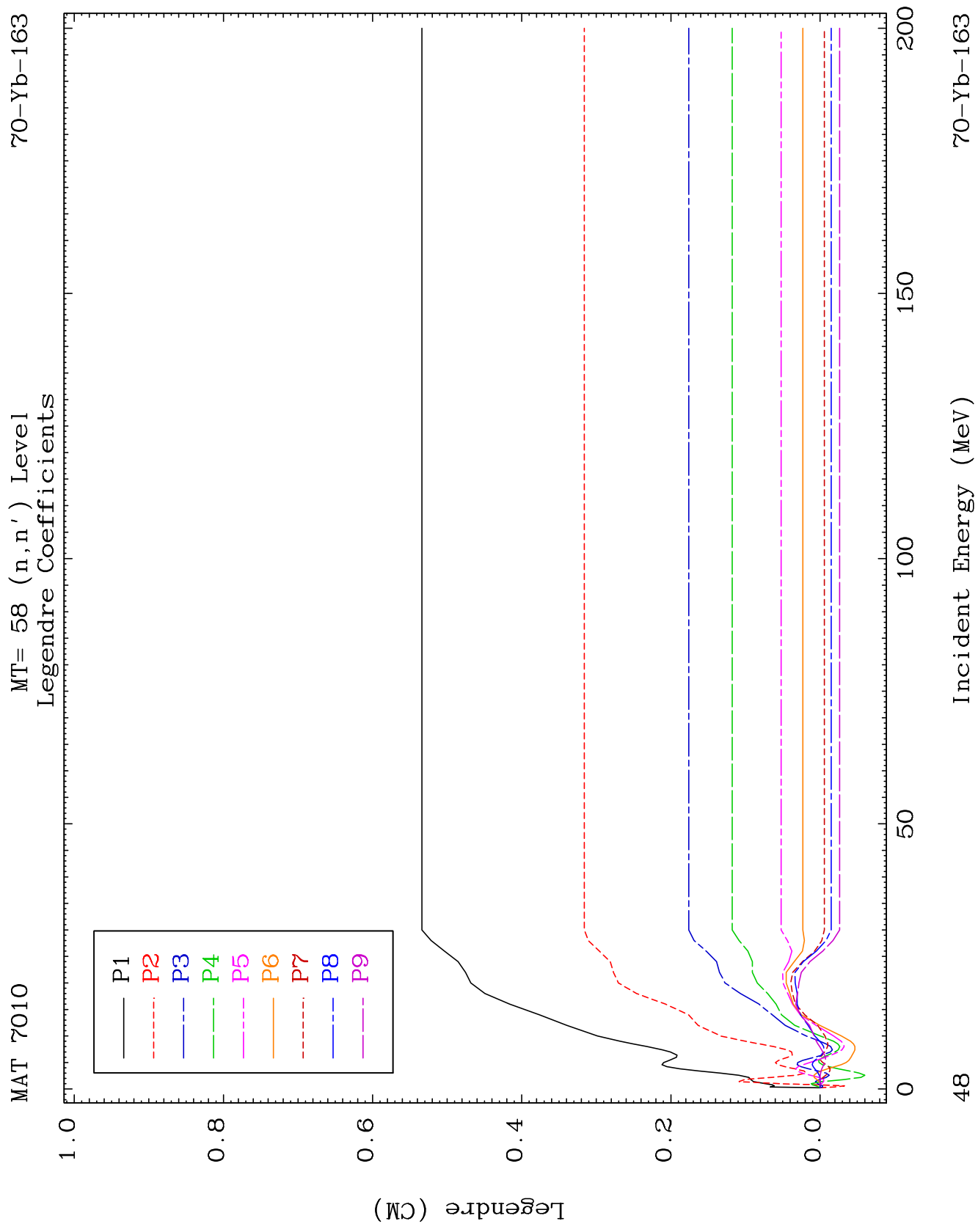
45

Incident Energy (MeV)

70-Yb-163



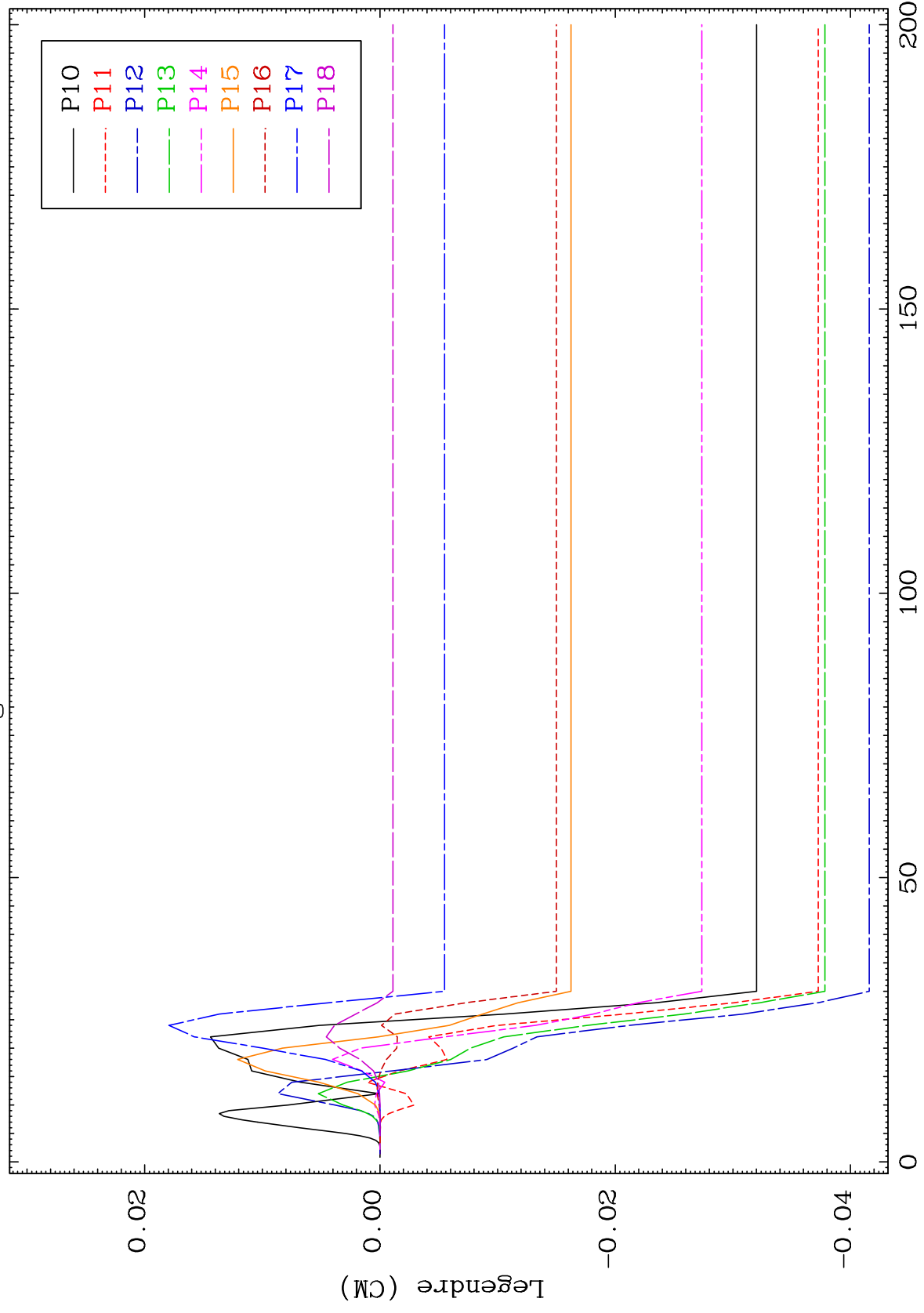




MAT 7010

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

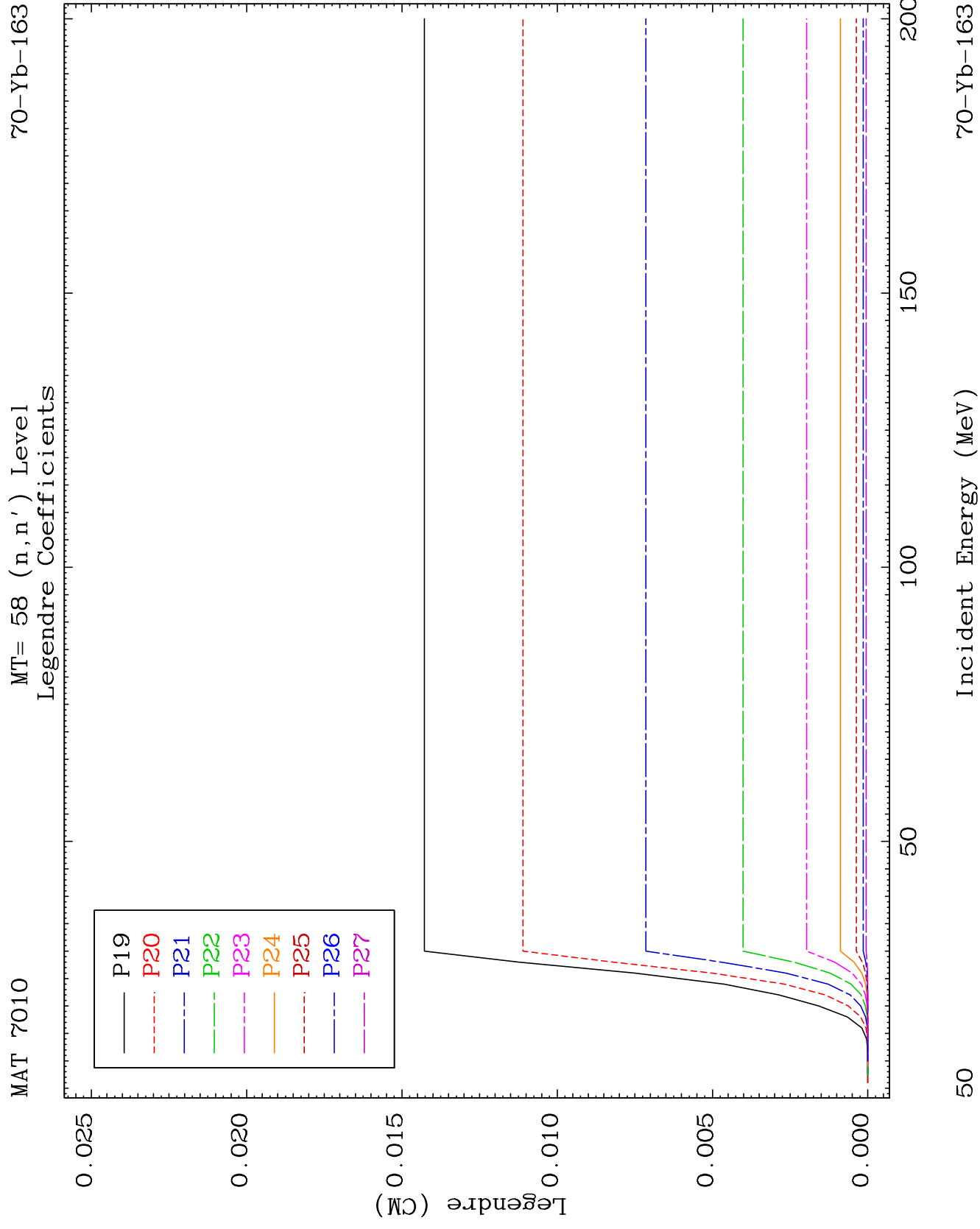
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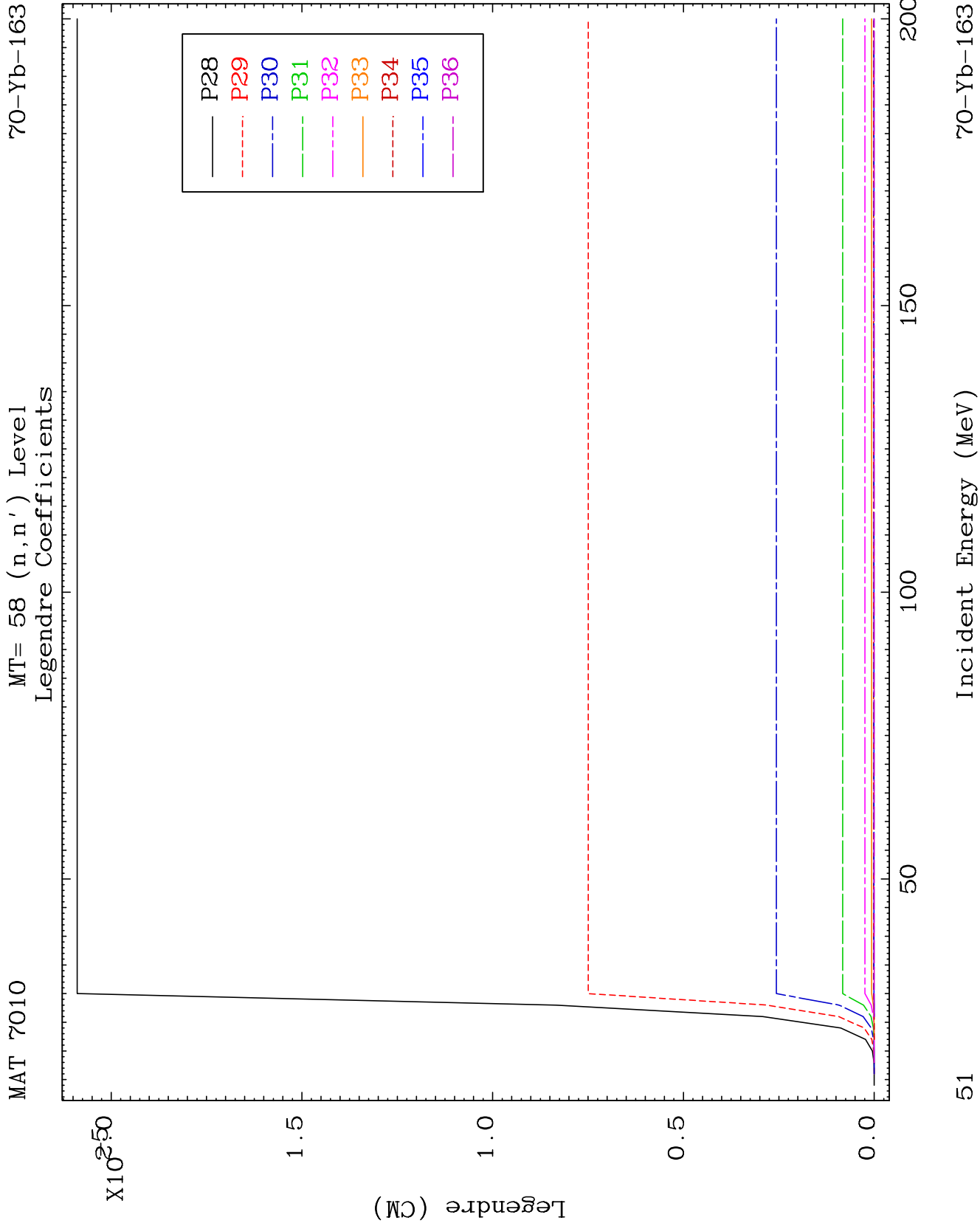


49

Incident Energy (MeV)

70-Yb-163

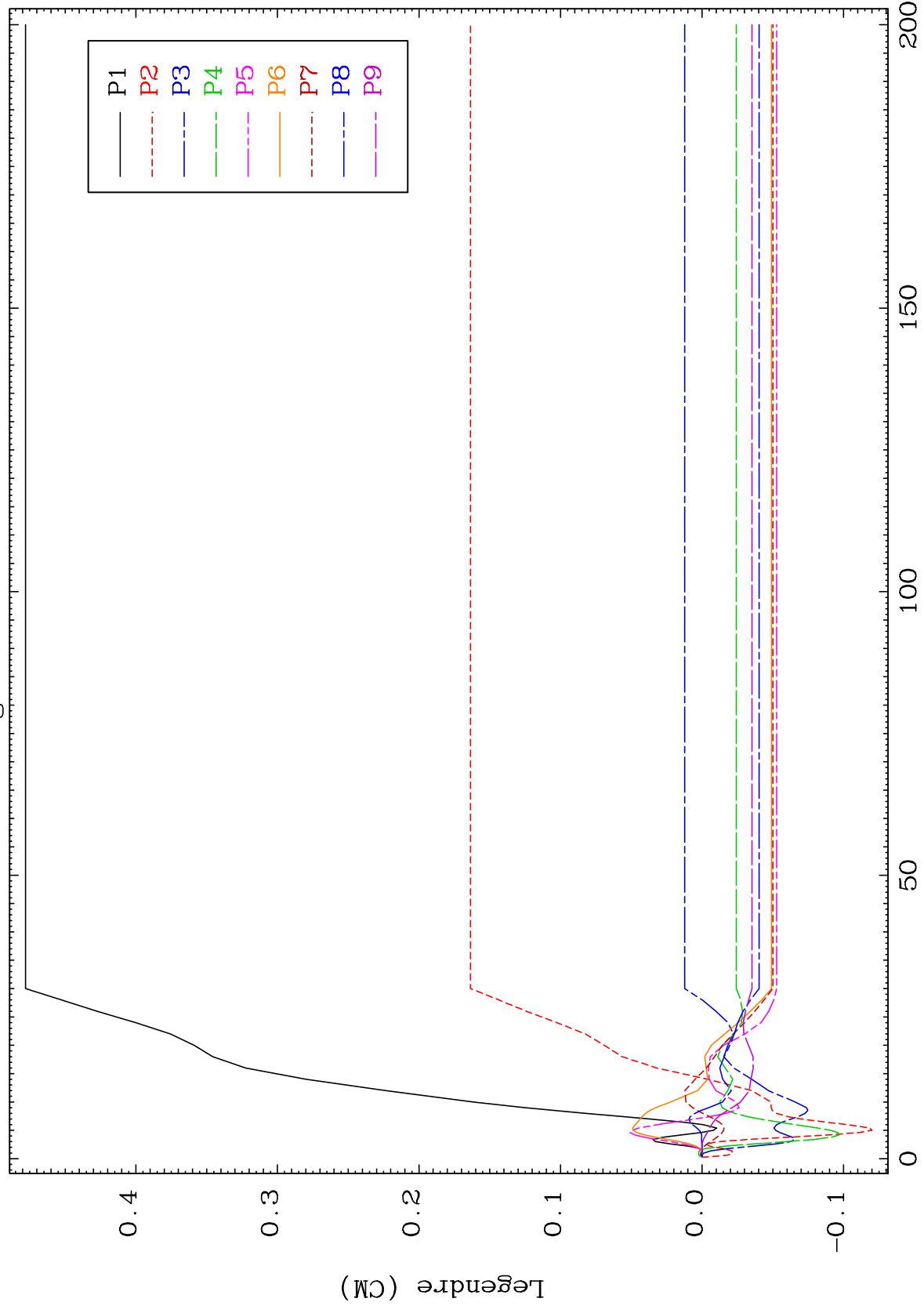




MAT 7010

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

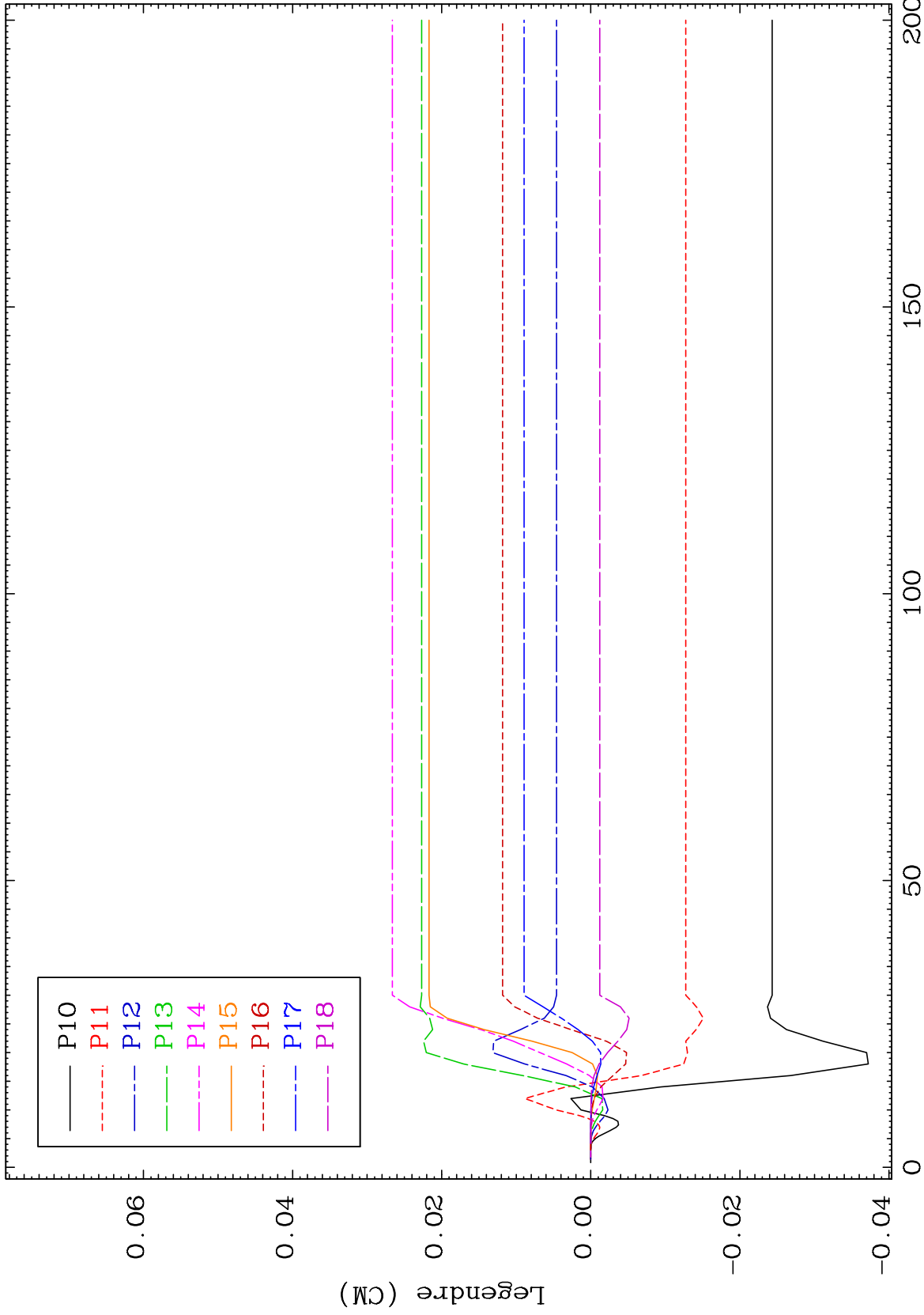
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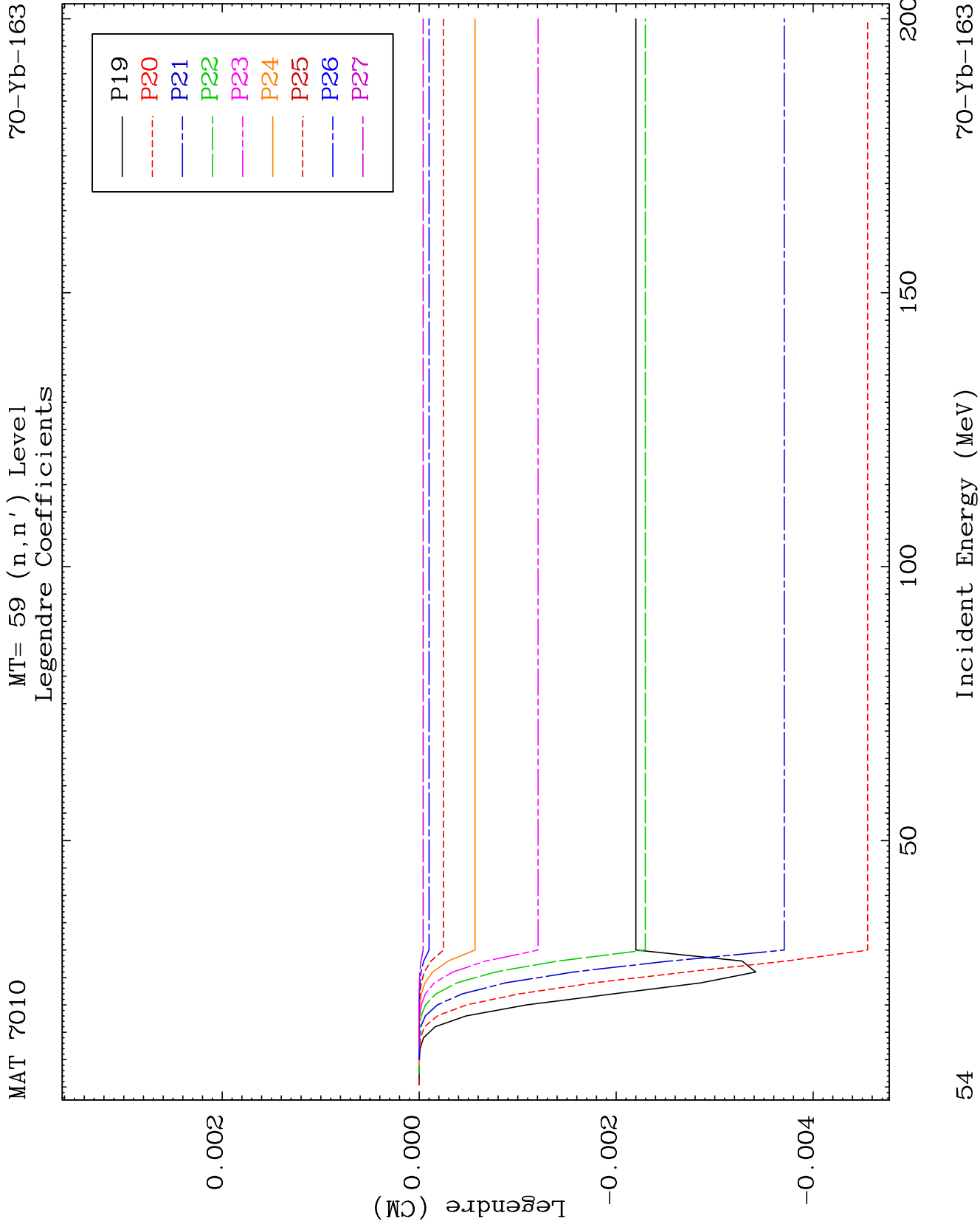


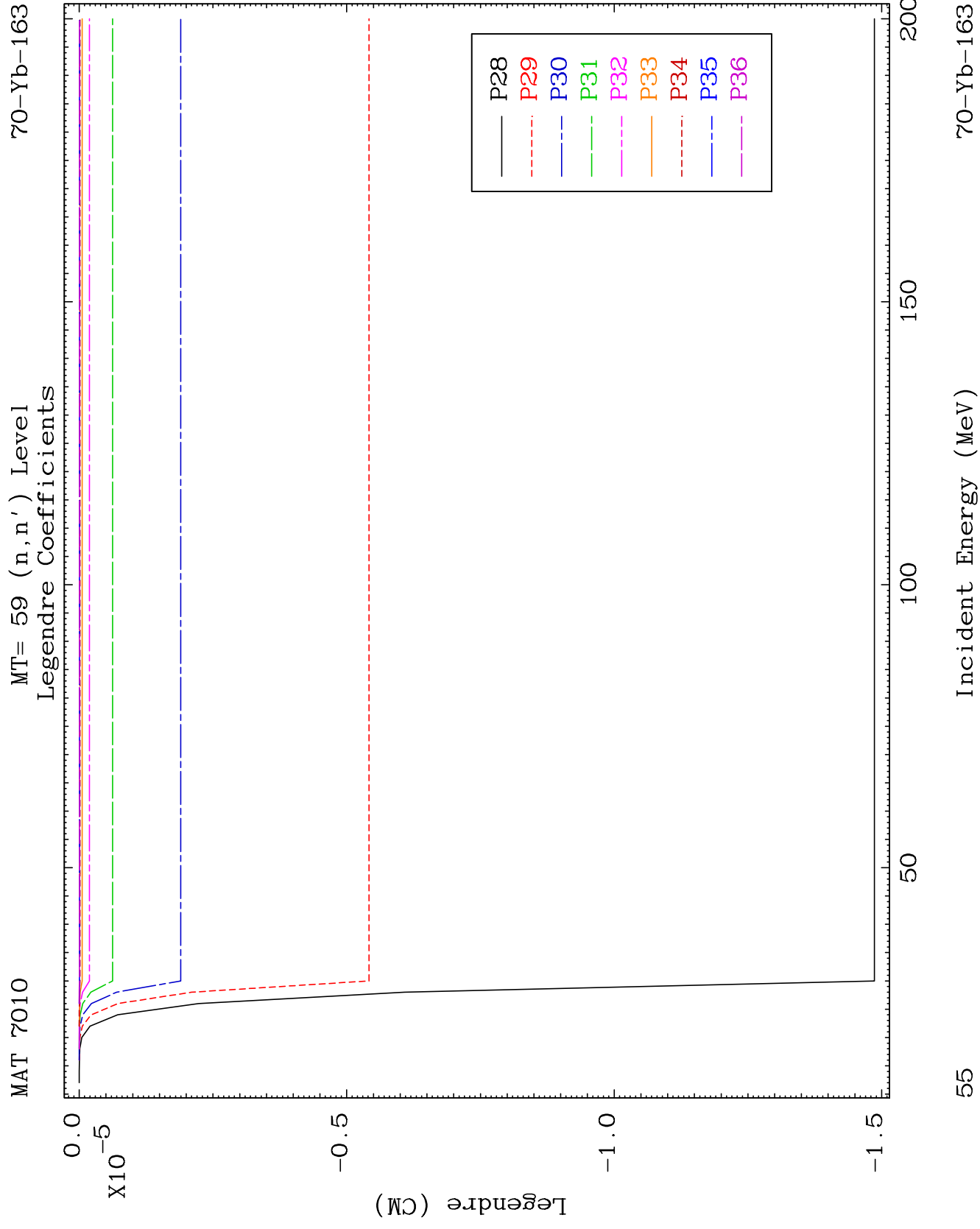
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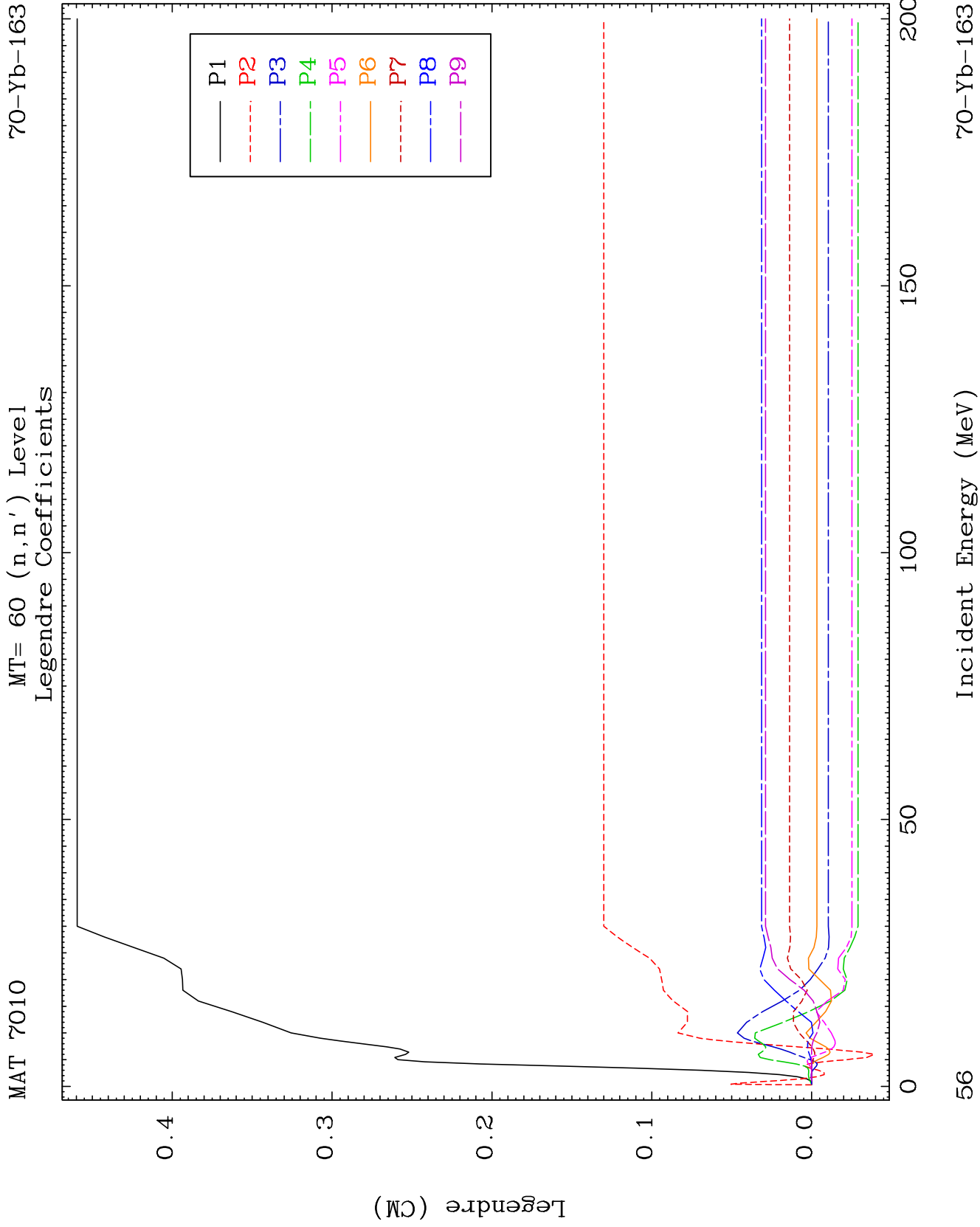
Incident Energy (MeV)

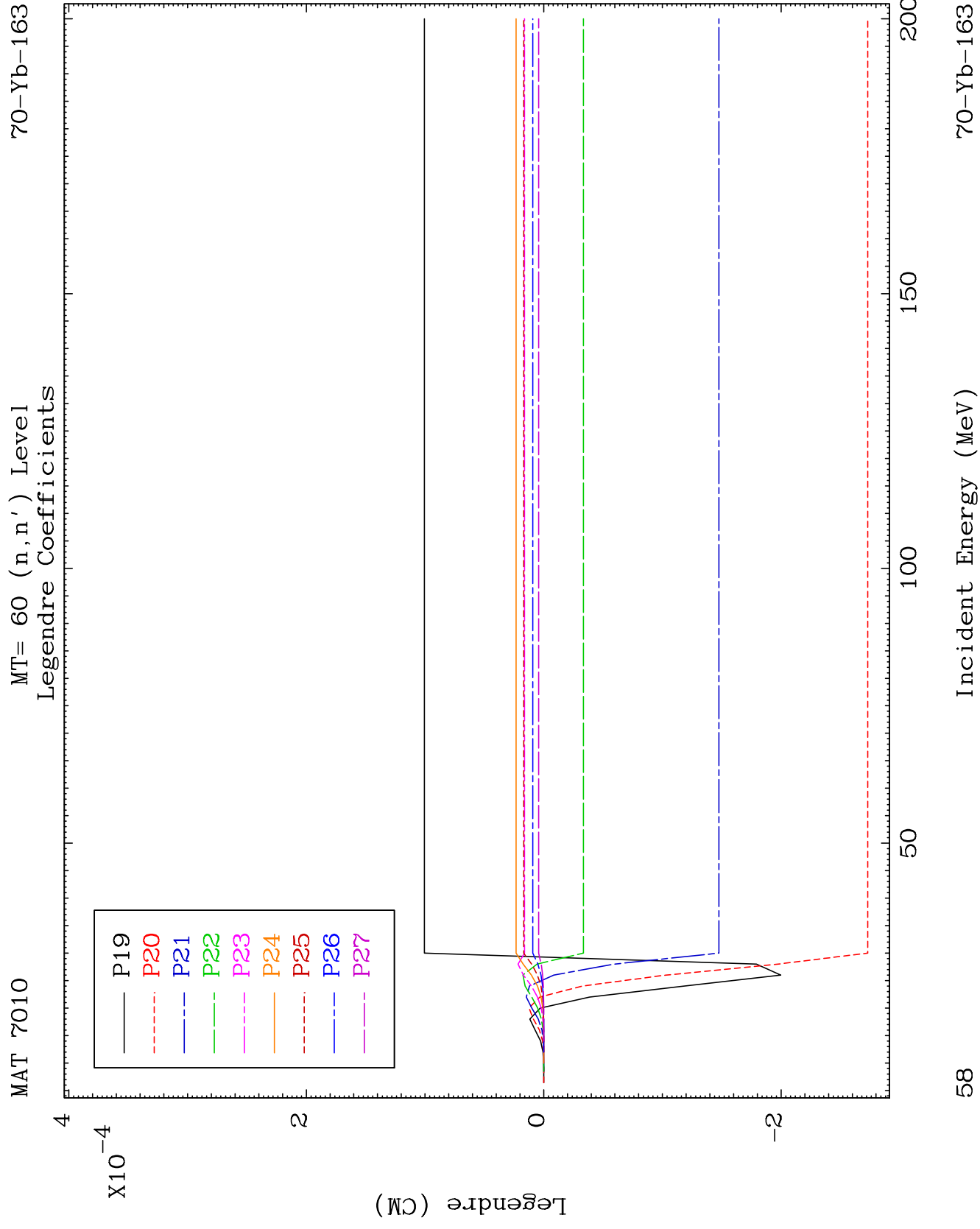
70-Yb-163

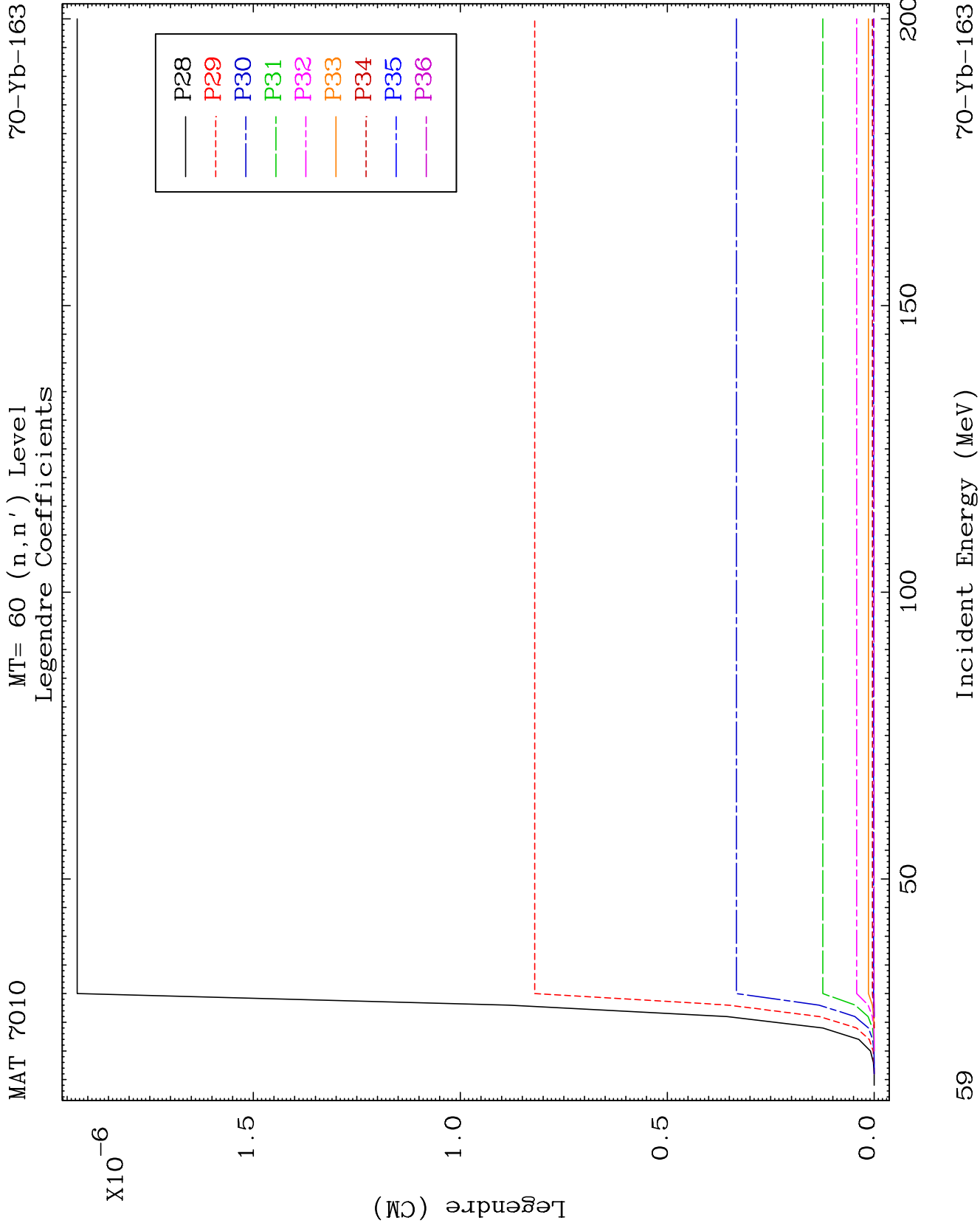


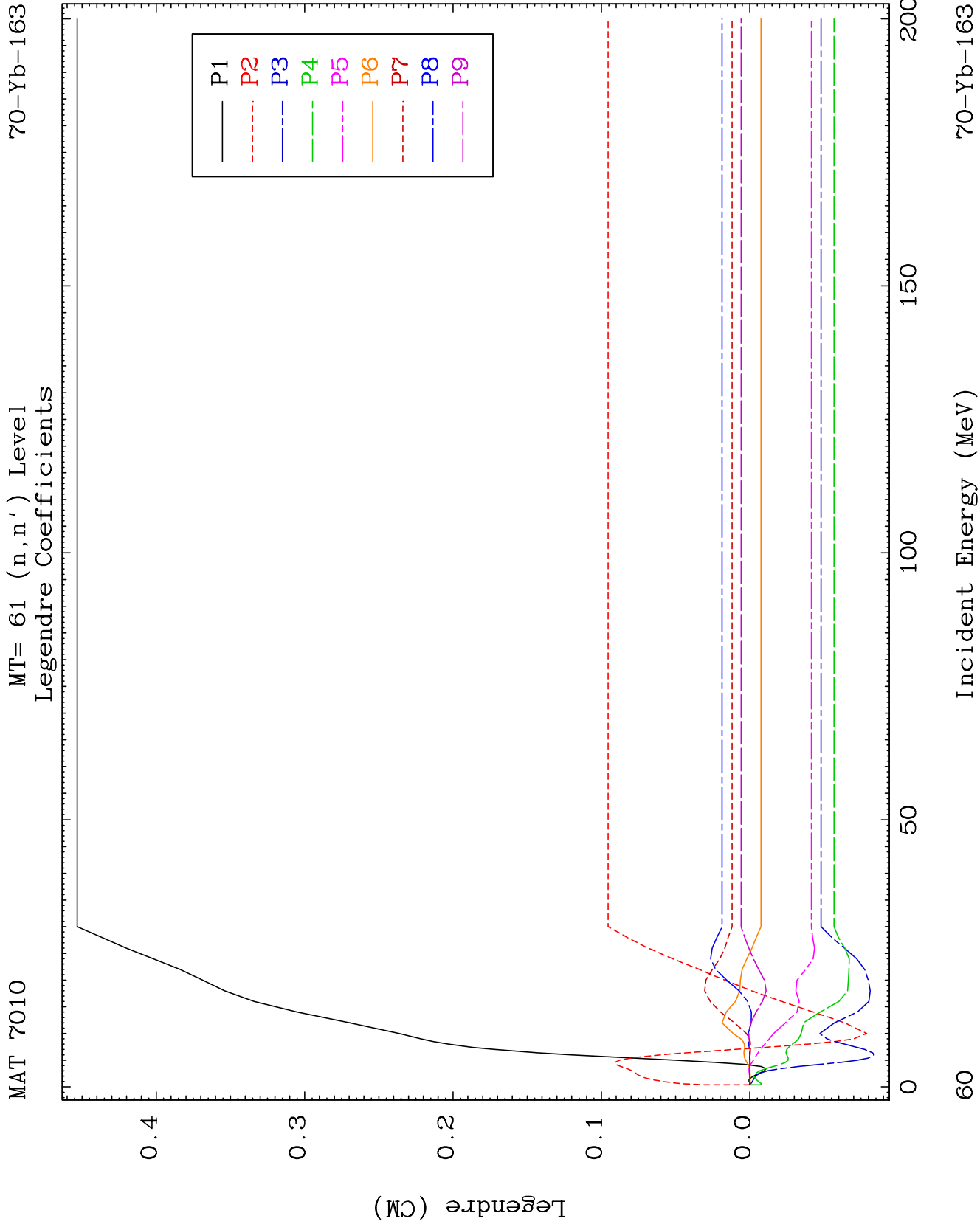


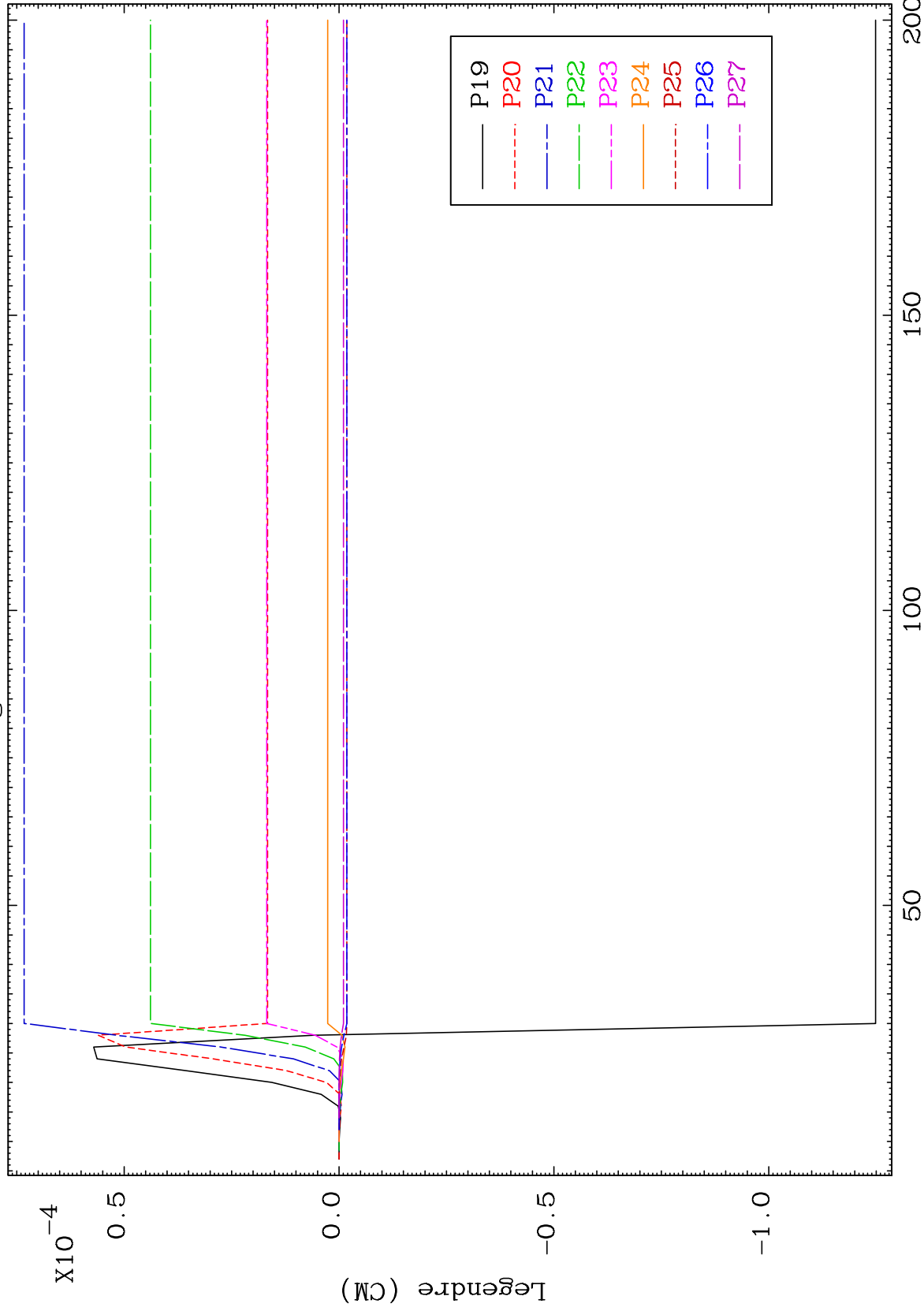


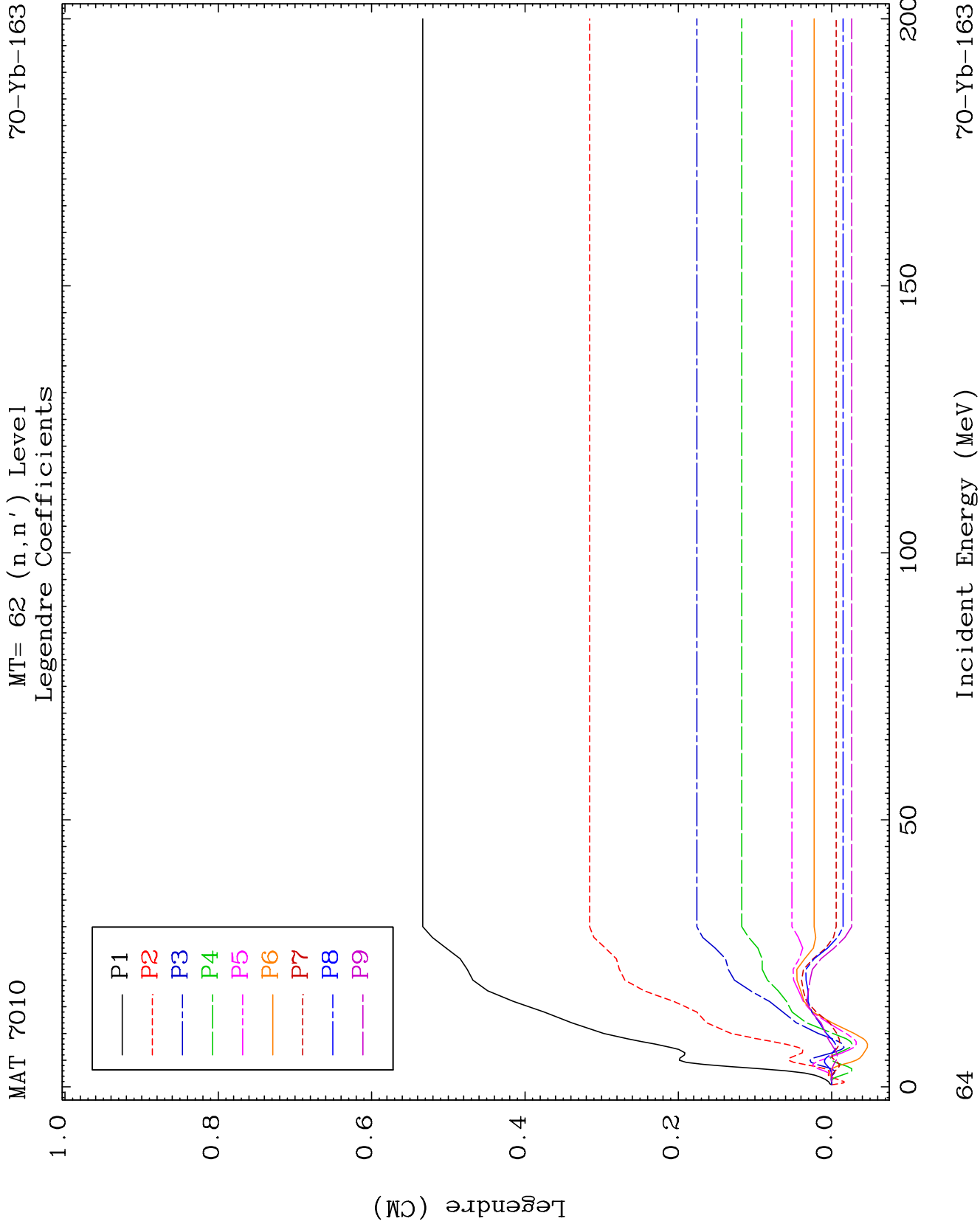








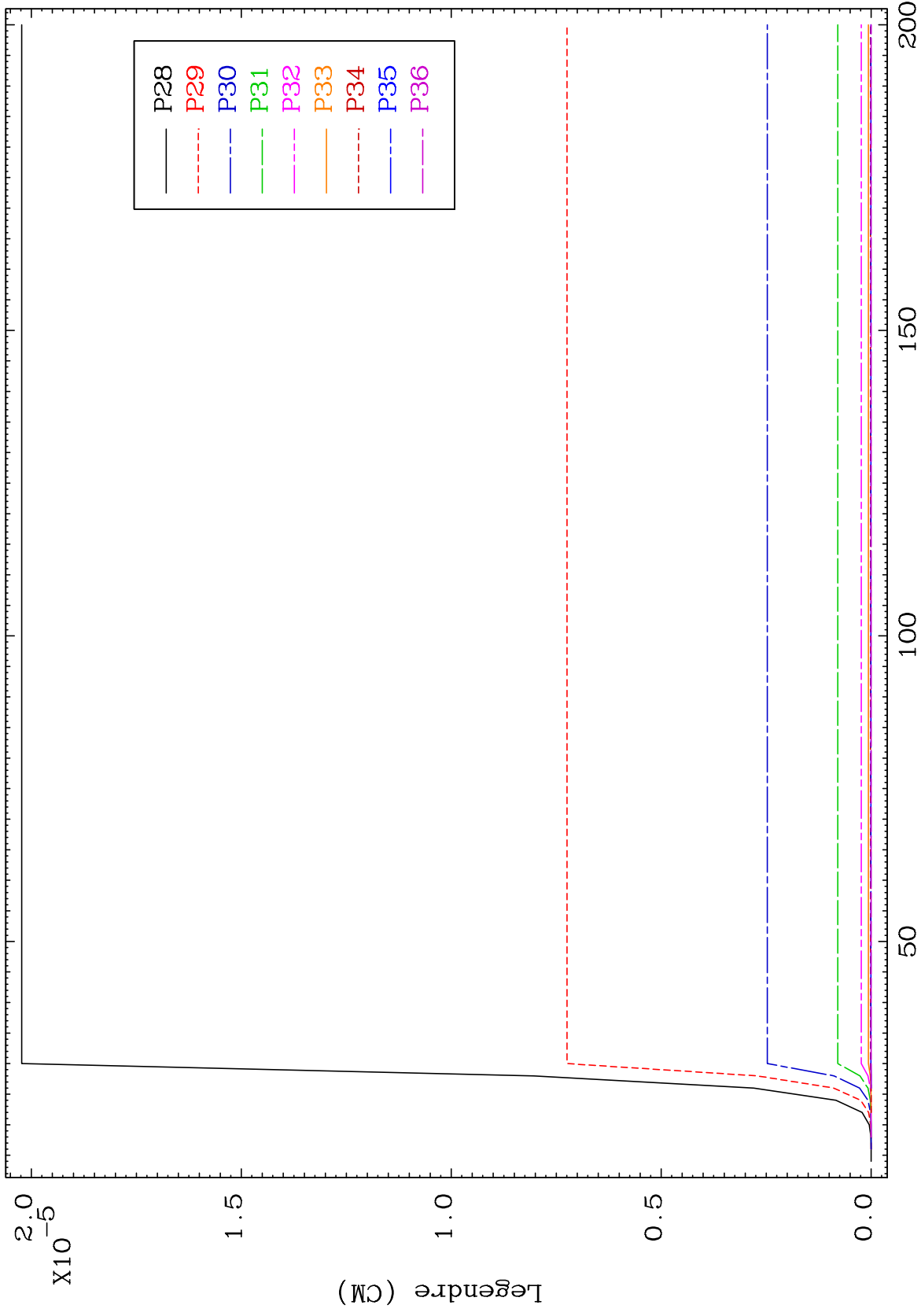




MAT 7010

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

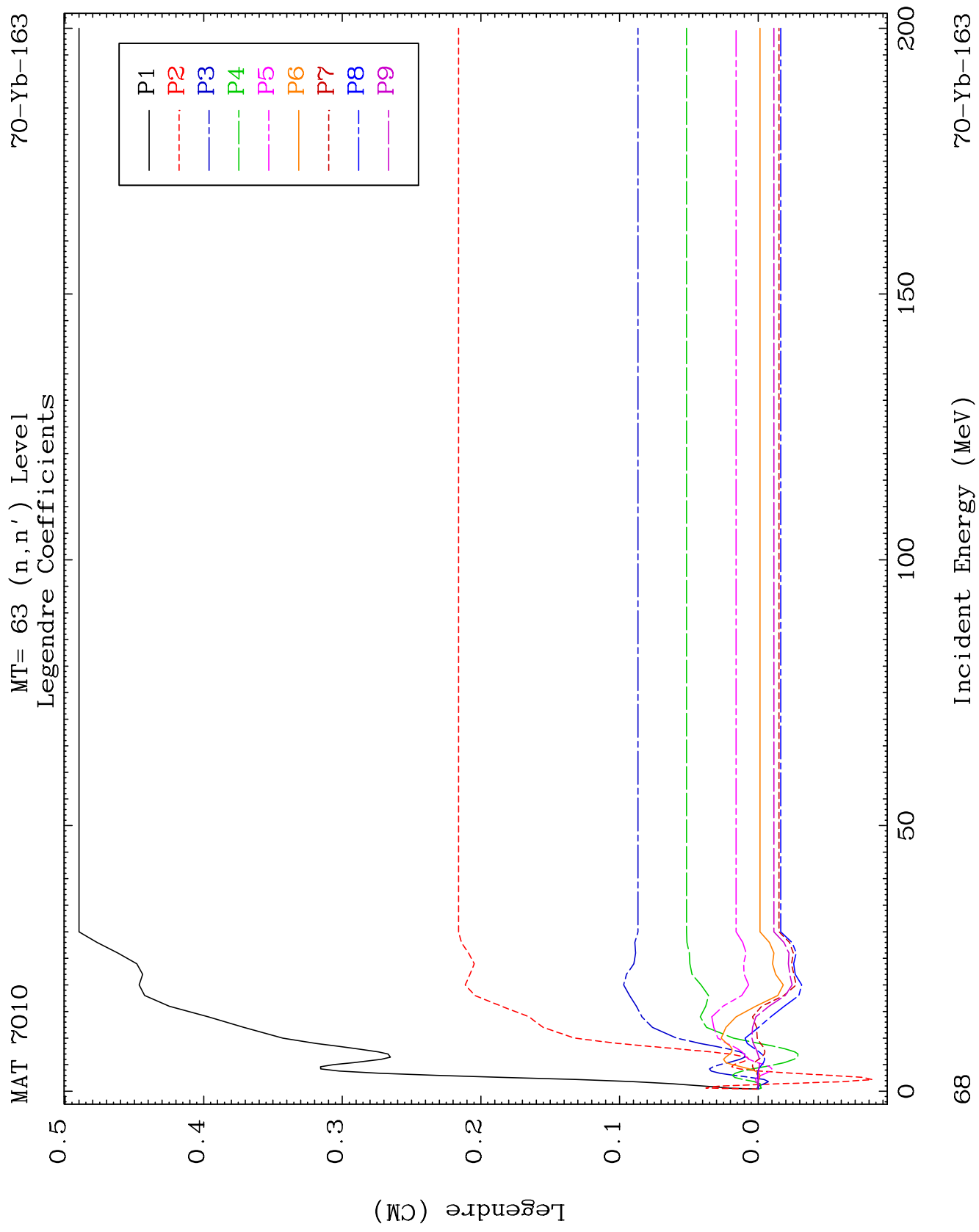
70-Yb-163



29

Incident Energy (MeV)

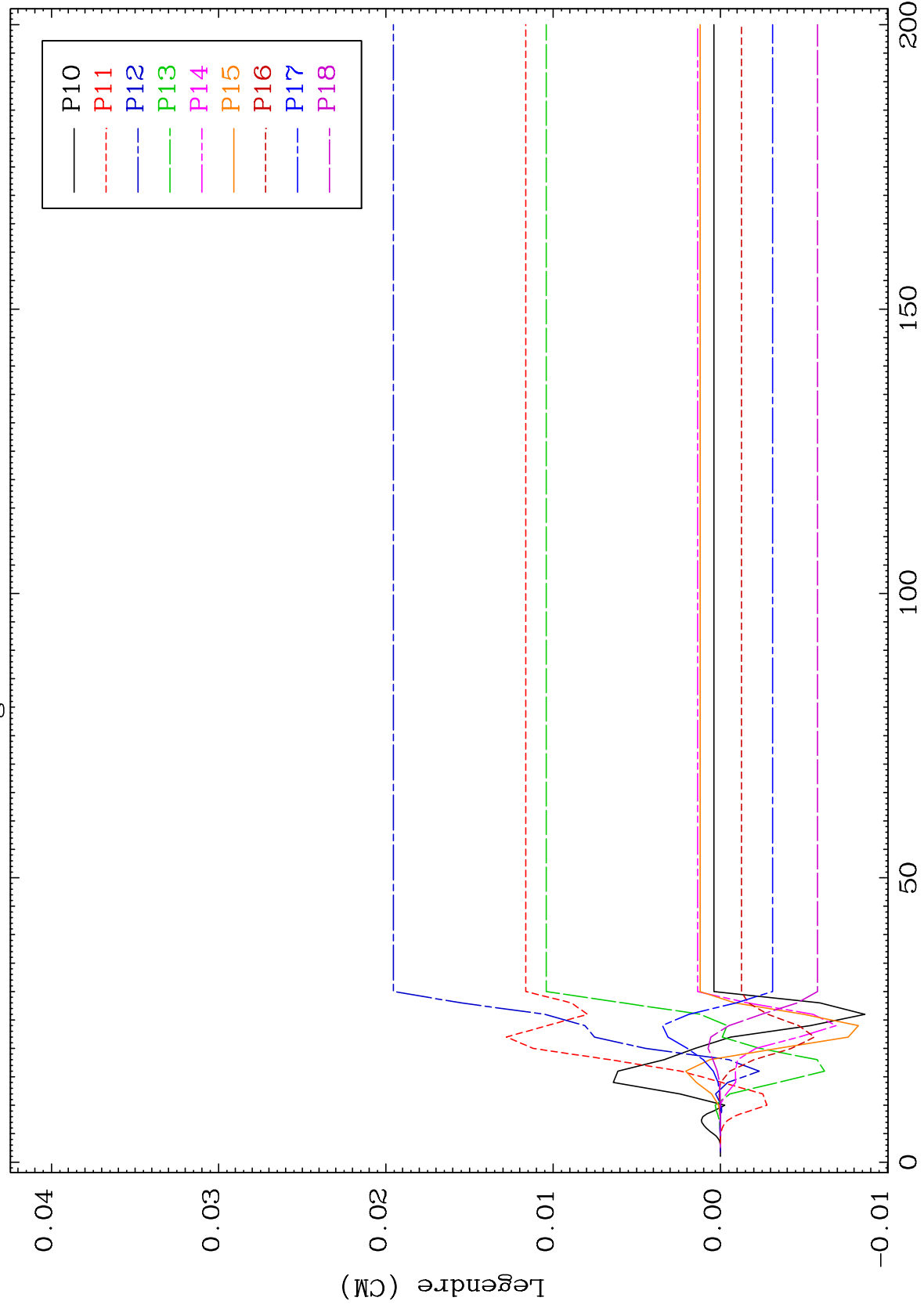
70-Yb-163



MAT 7010

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

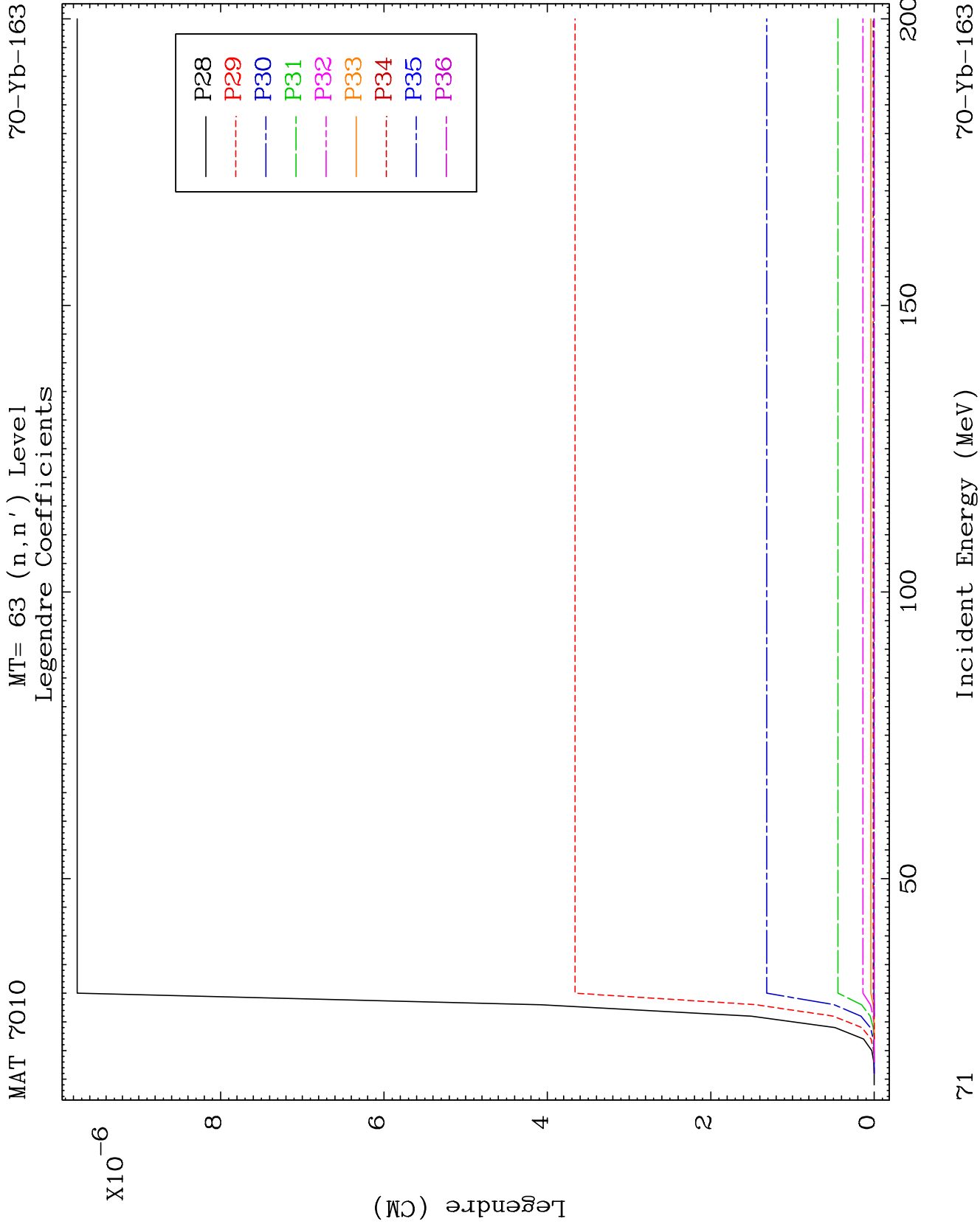
70-Yb-163

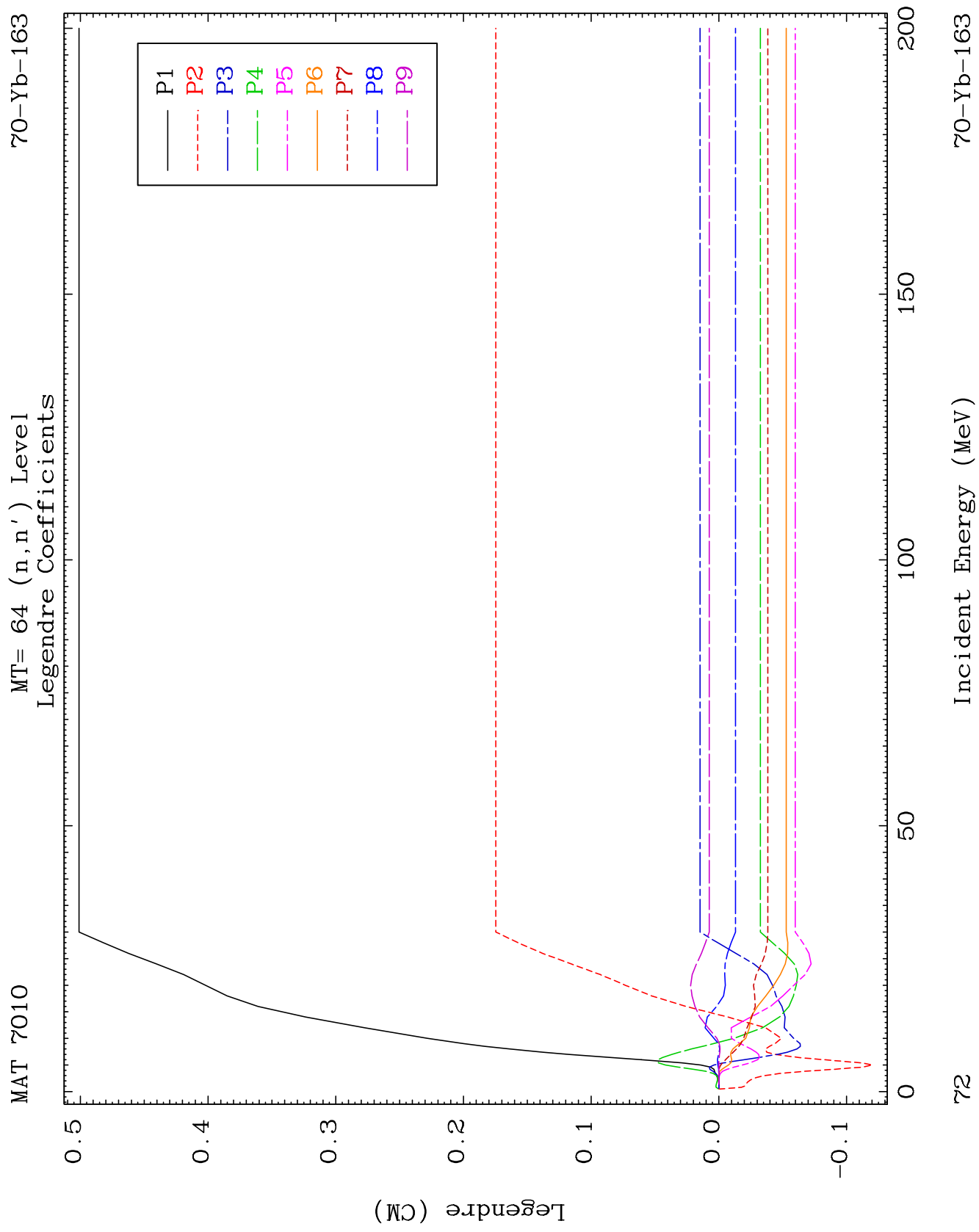


99

Incident Energy (MeV)

70-Yb-163

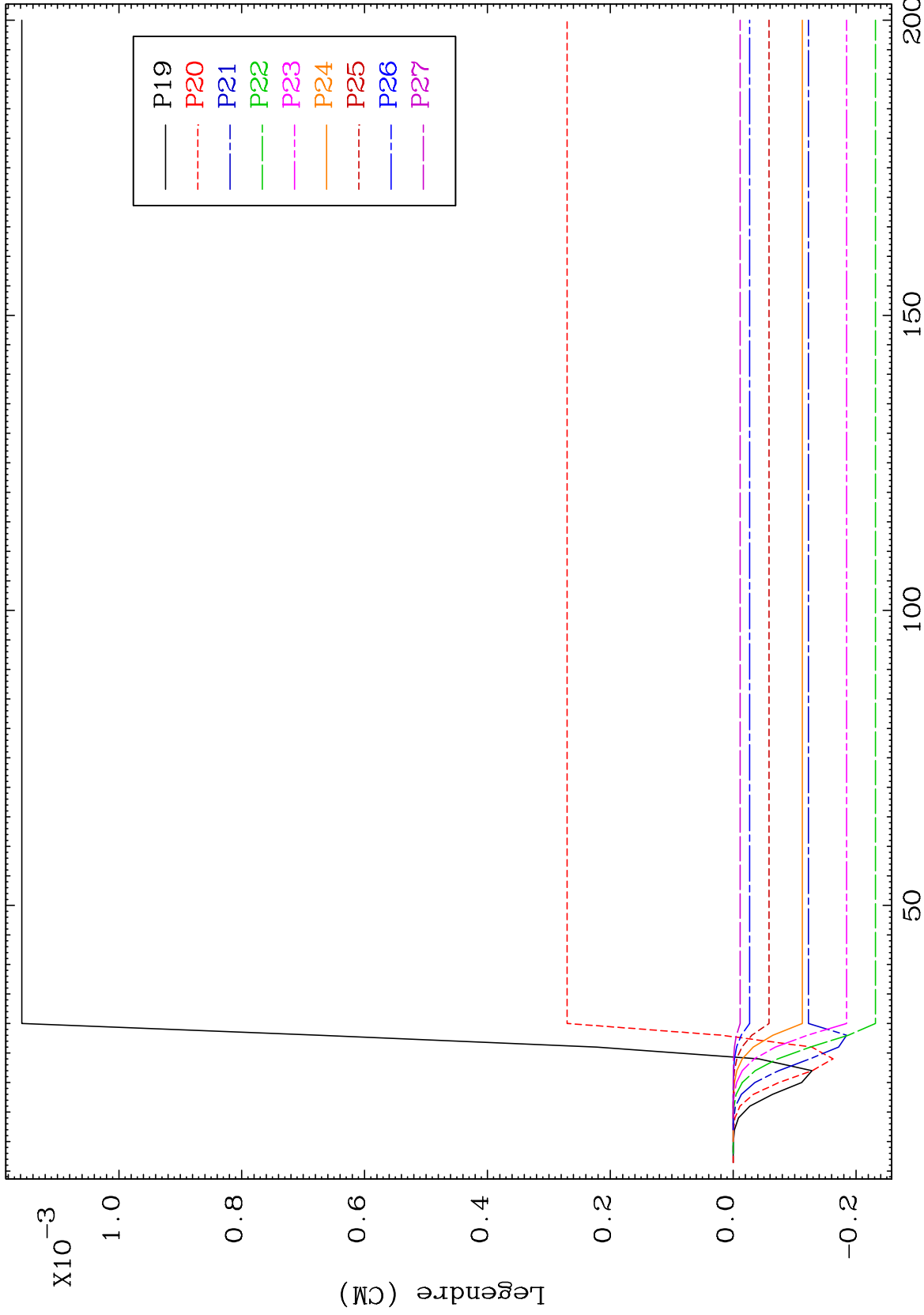




MAT 7010

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

70-Yb-163



74

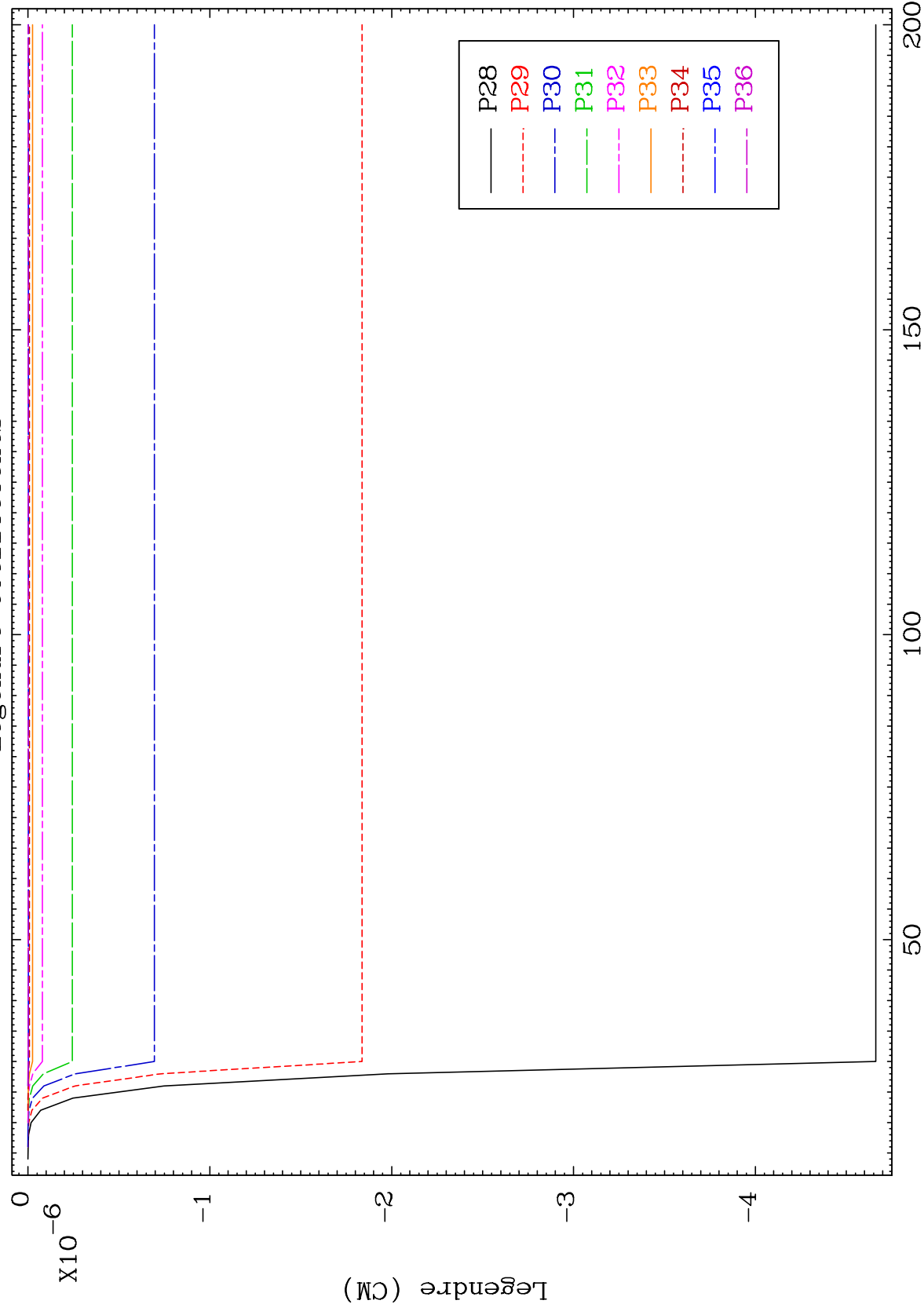
Incident Energy (MeV)

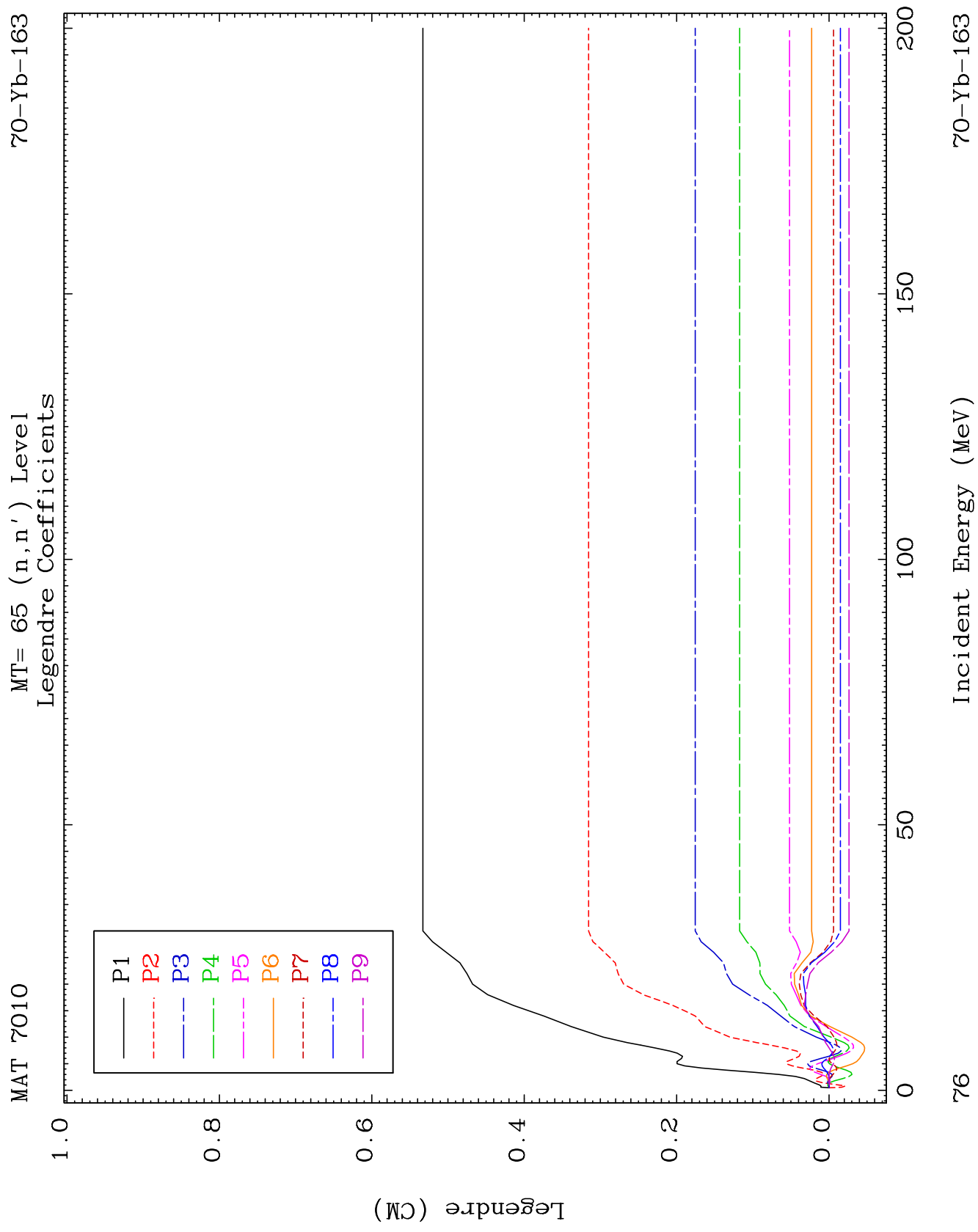
70-Yb-163

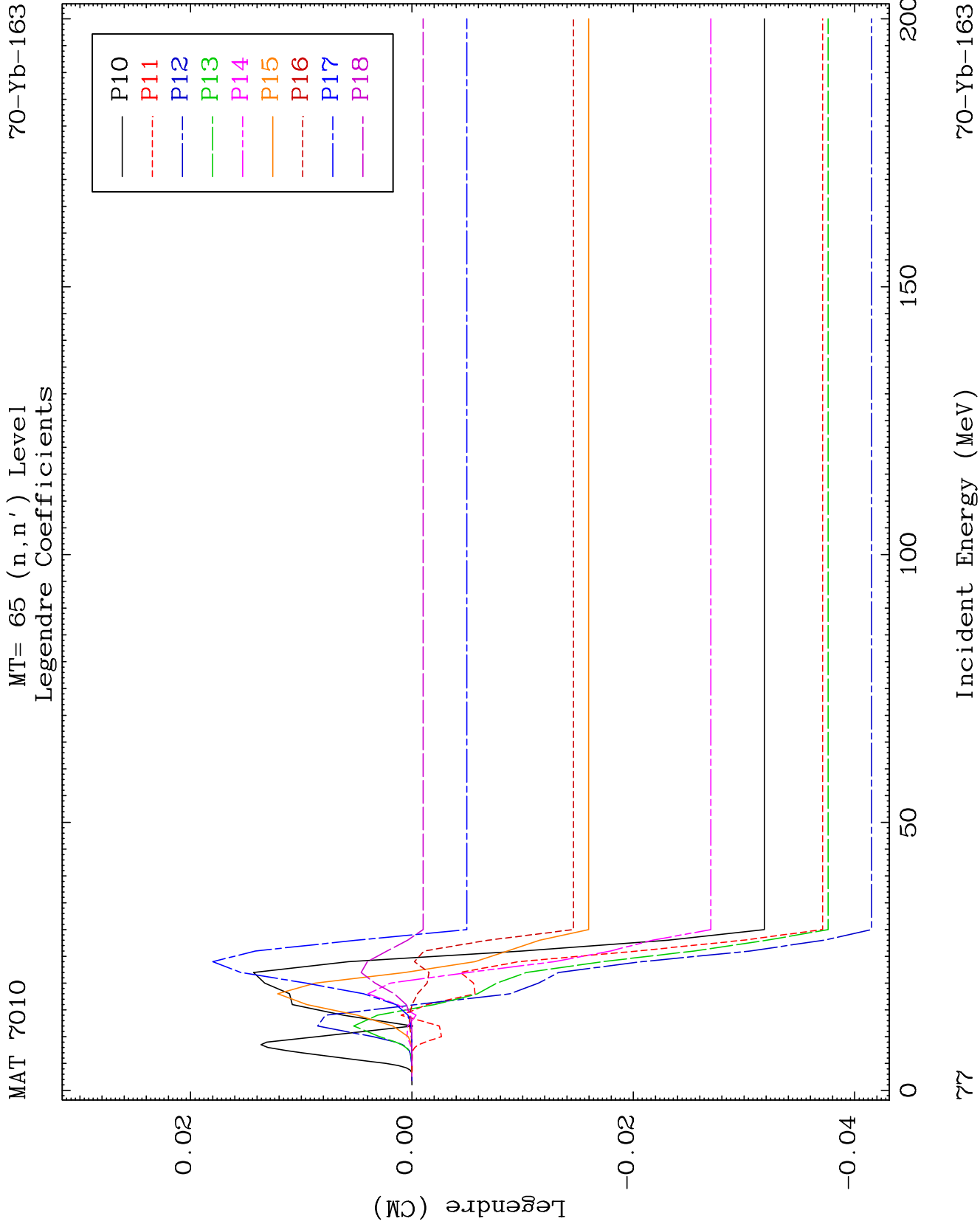
MAT 7010

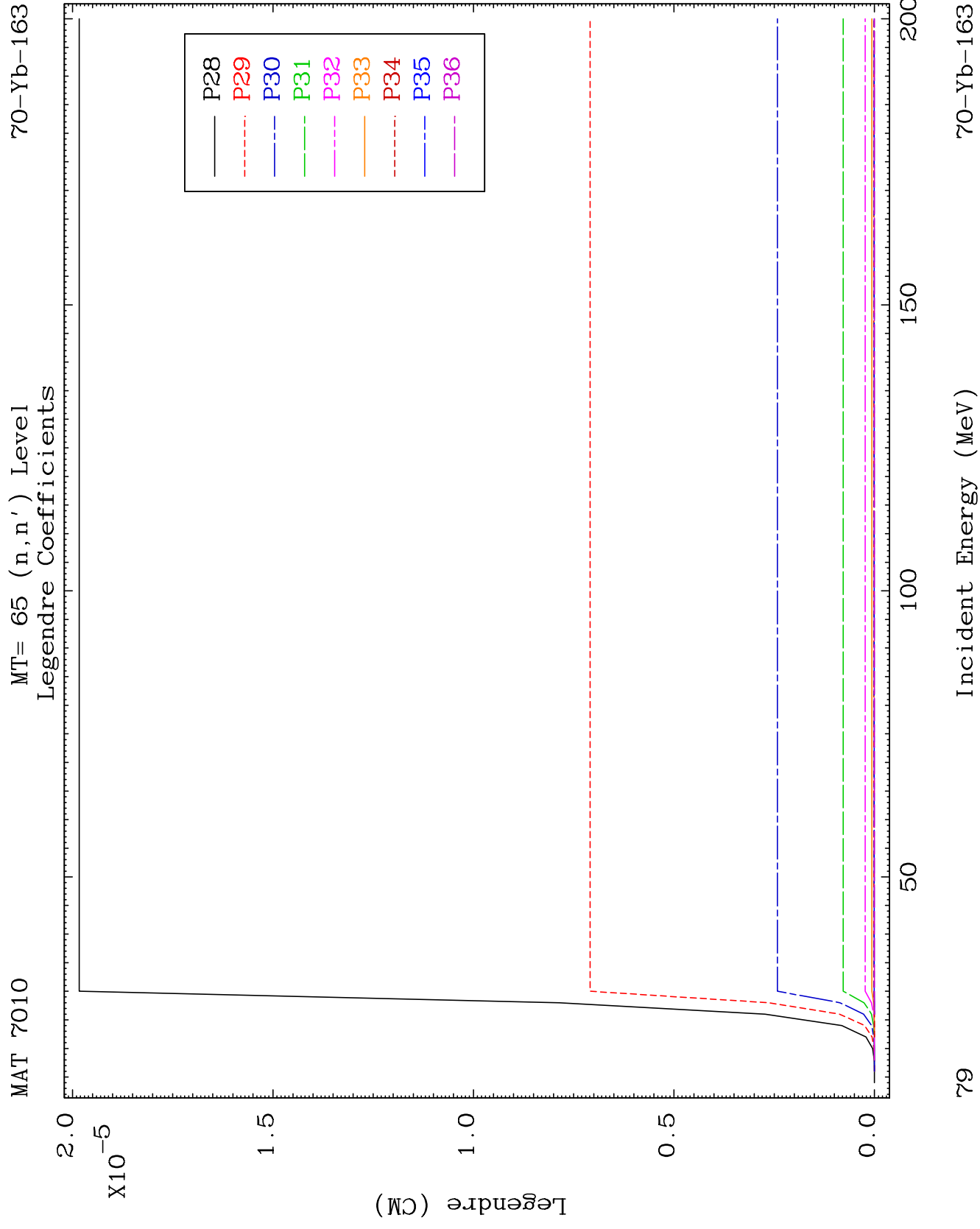
MT= 64 (n, n') Level
Legendre Coefficients

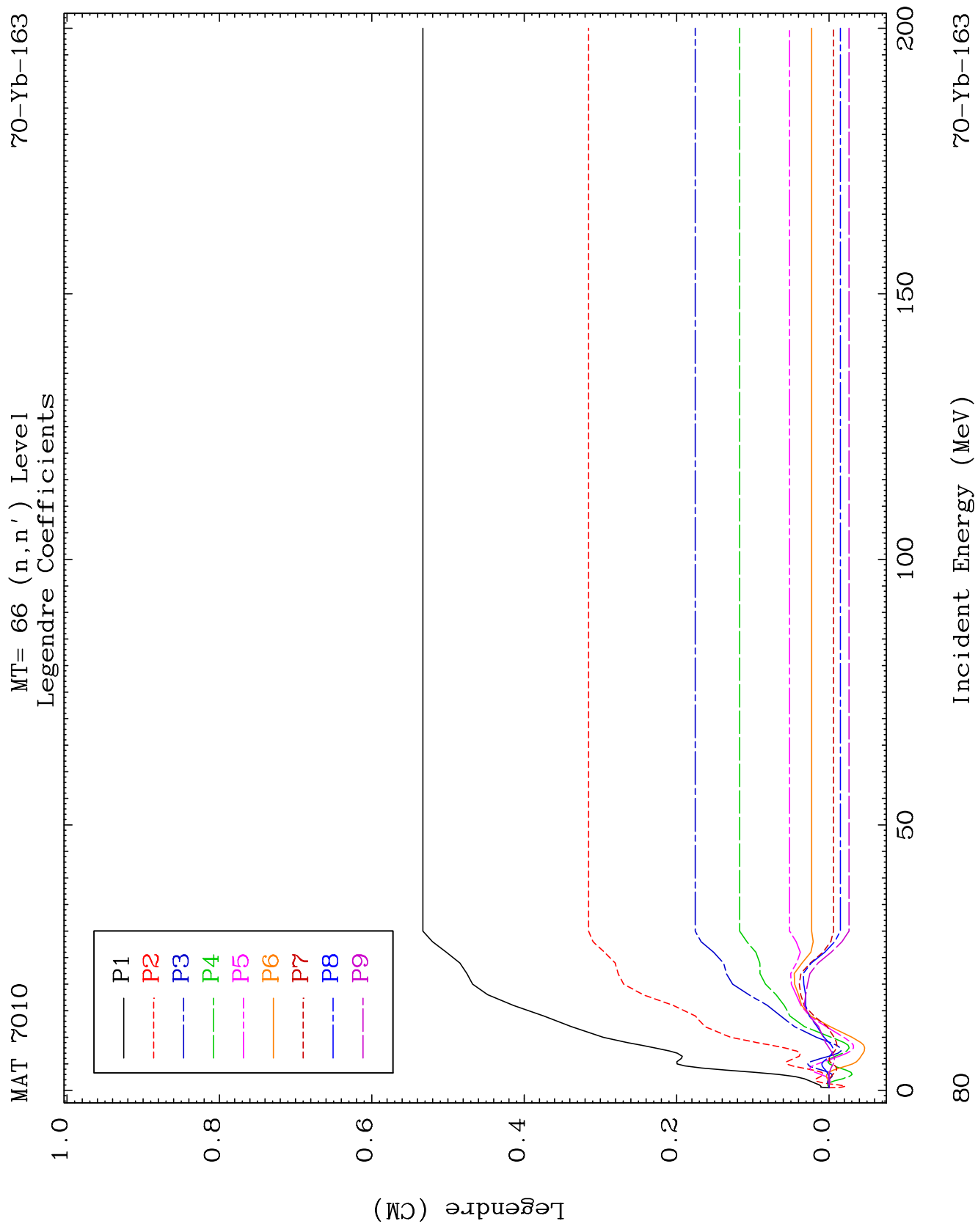
70-Yb-163







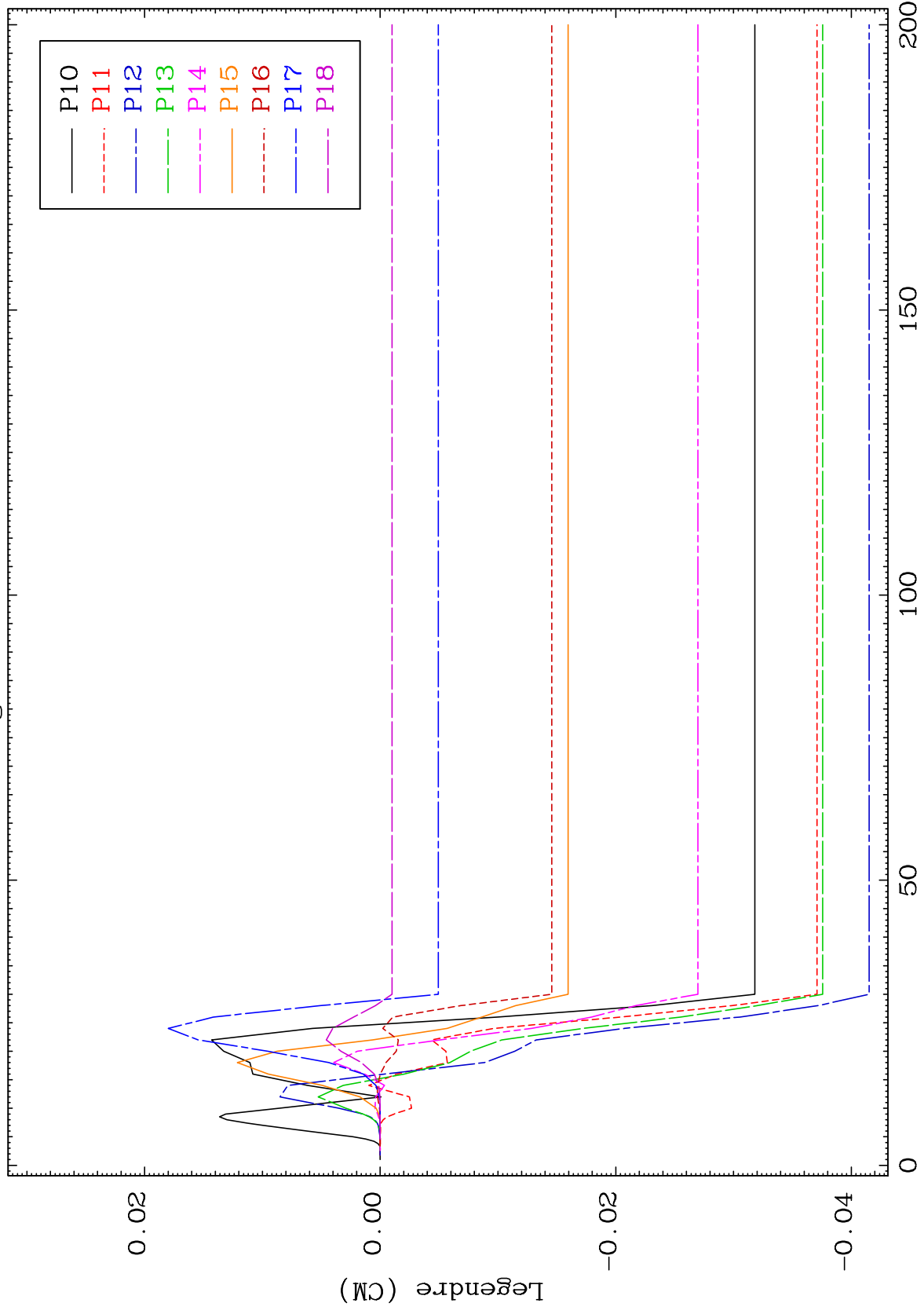




MAT 7010

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

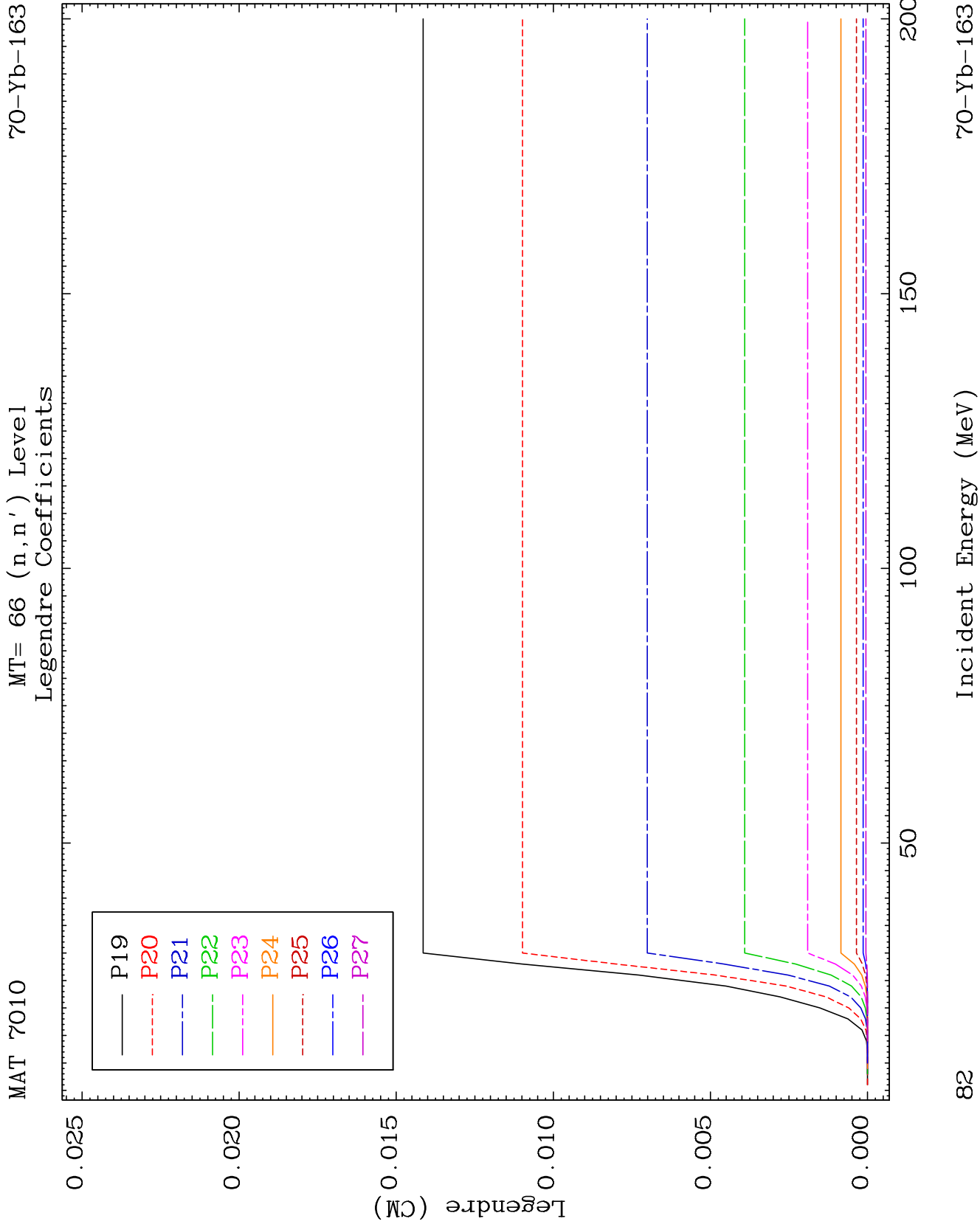
70-Yb-163

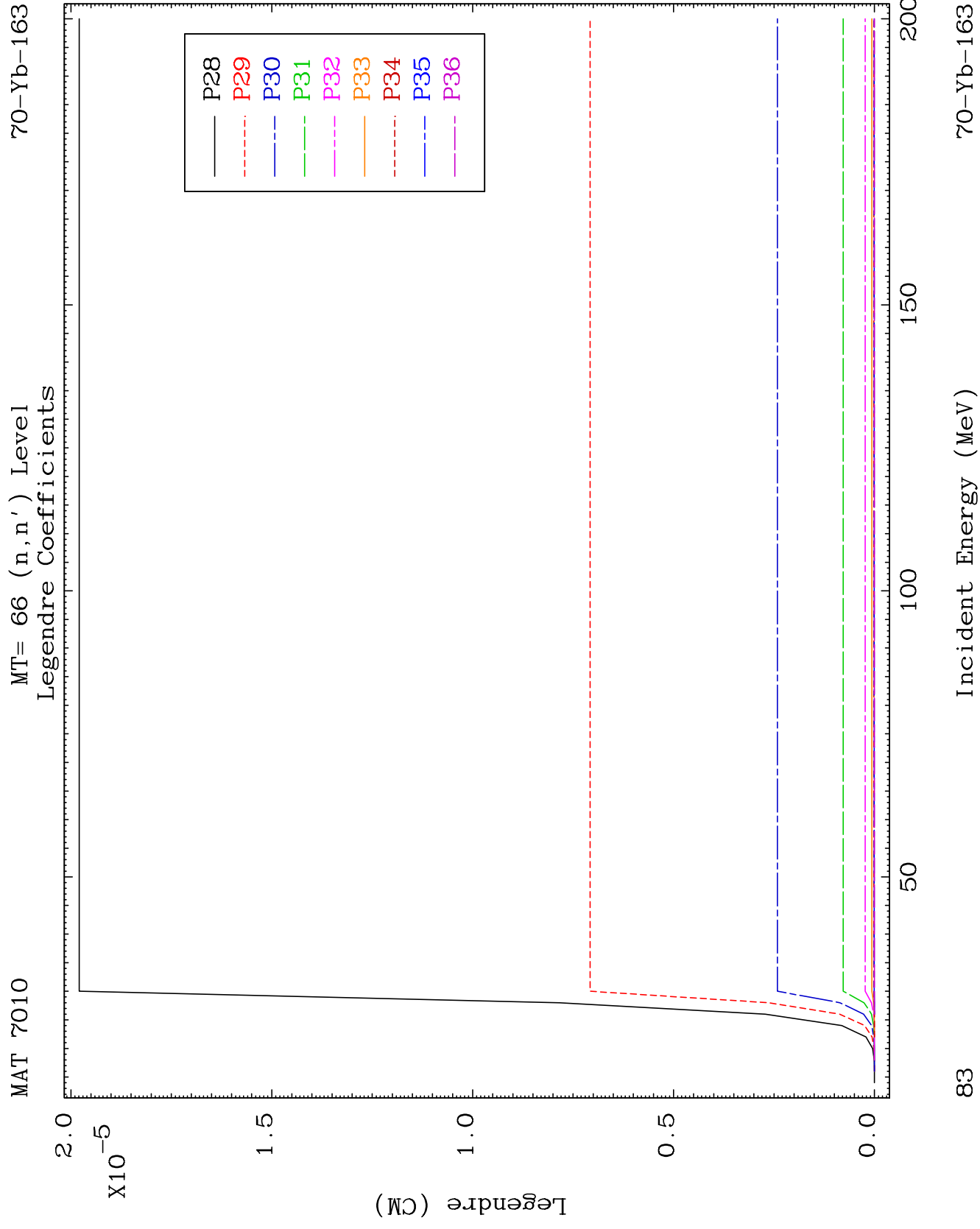


81

Incident Energy (MeV)

70-Yb-163

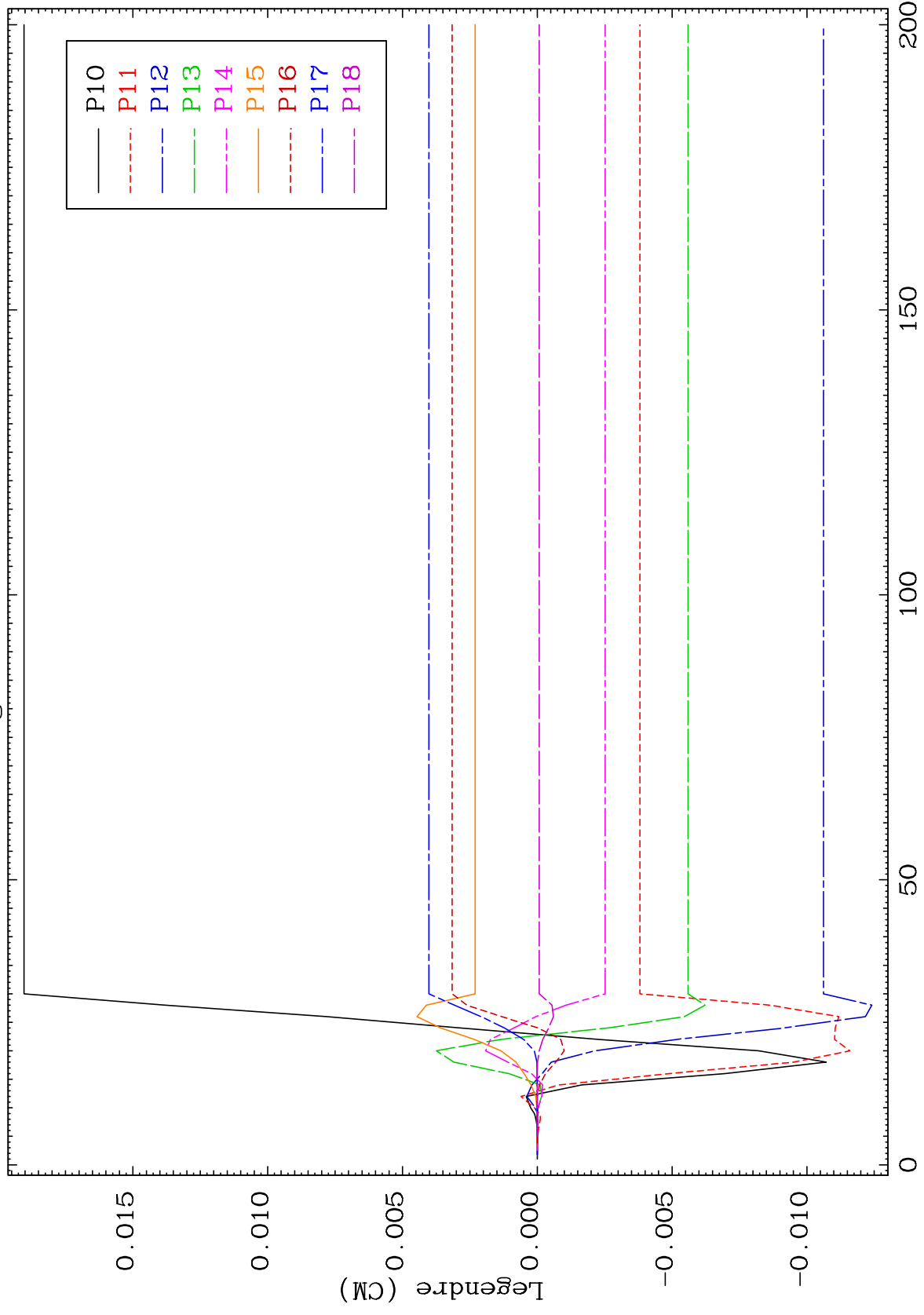




MAT 7010

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

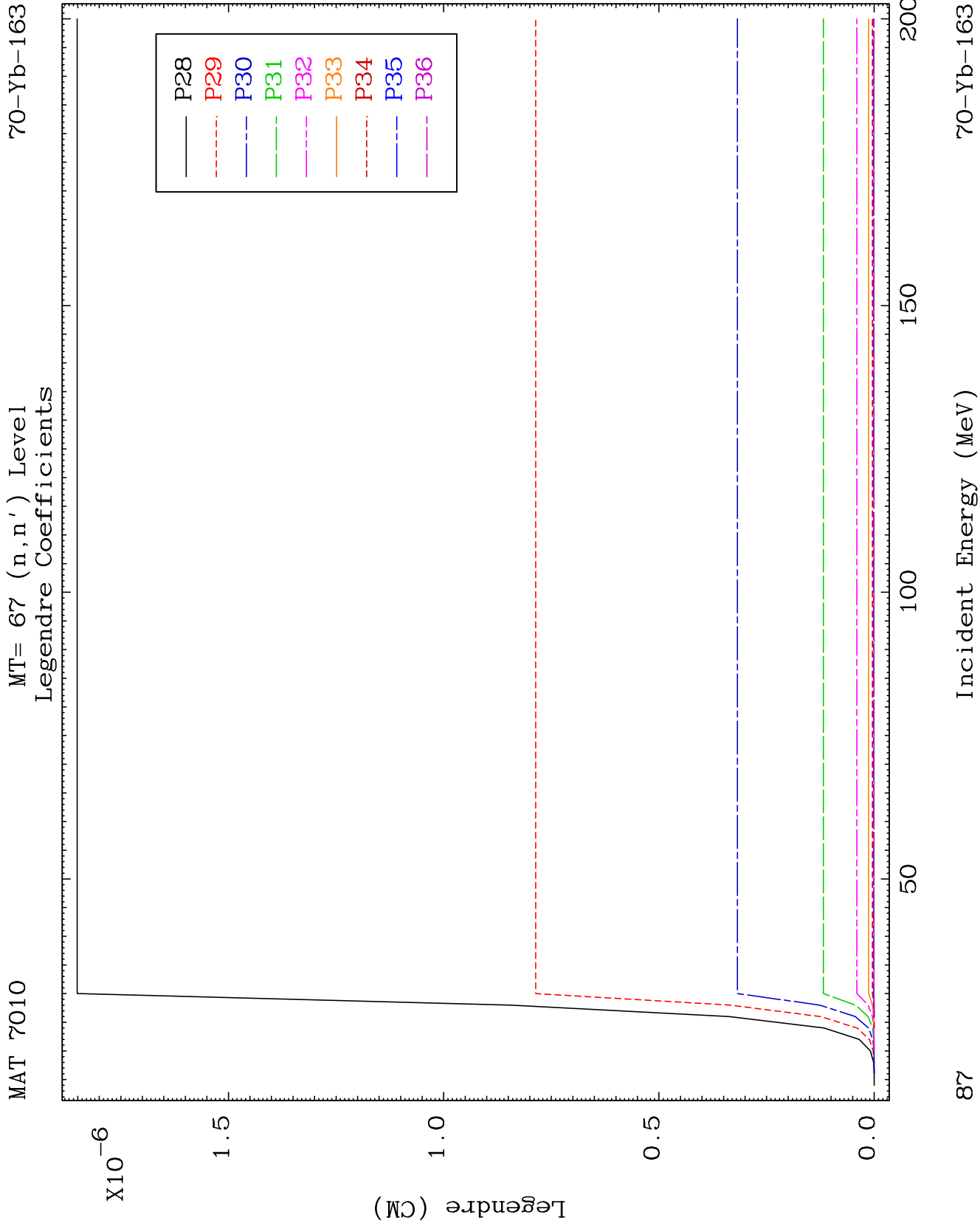
70-Yb-163

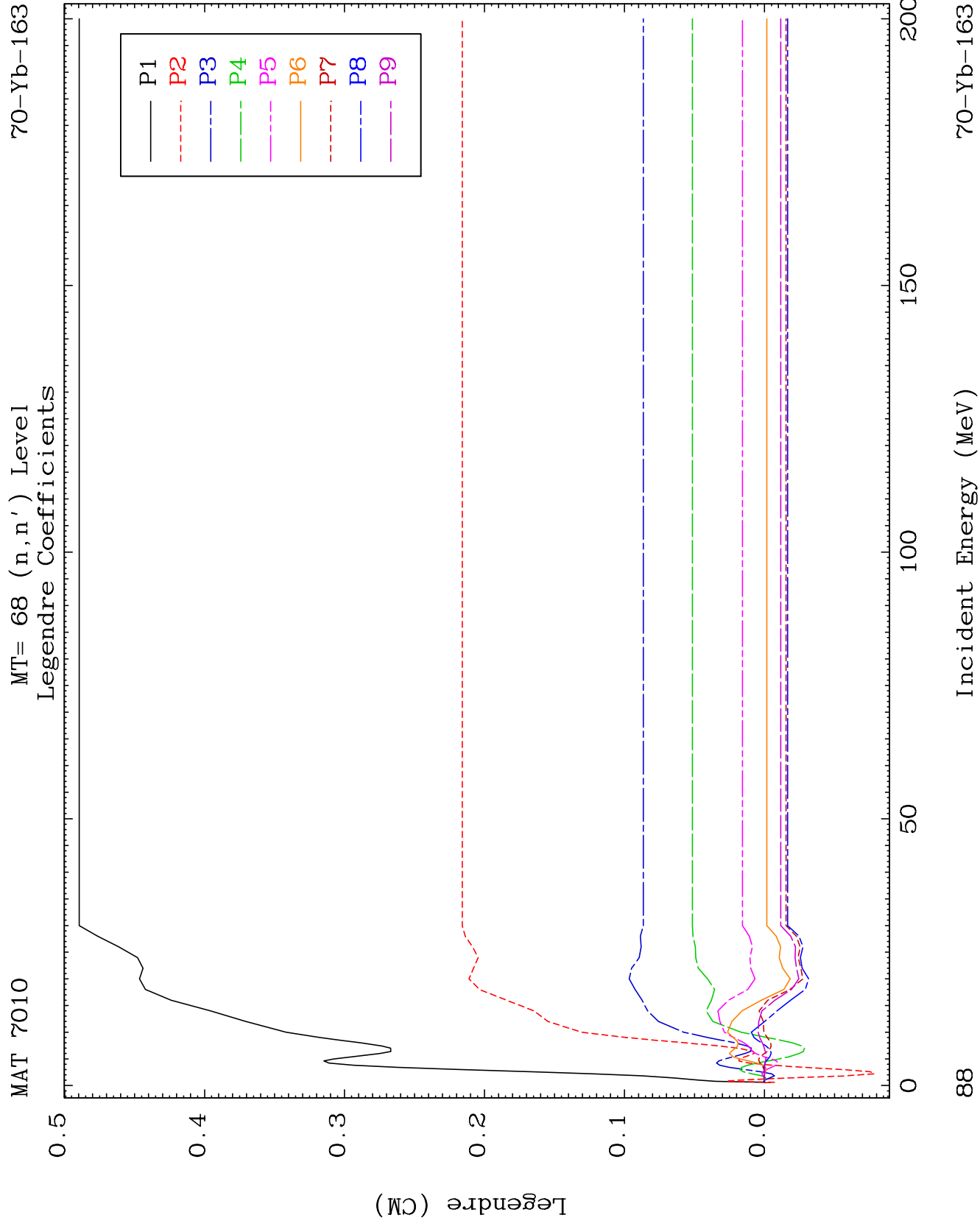


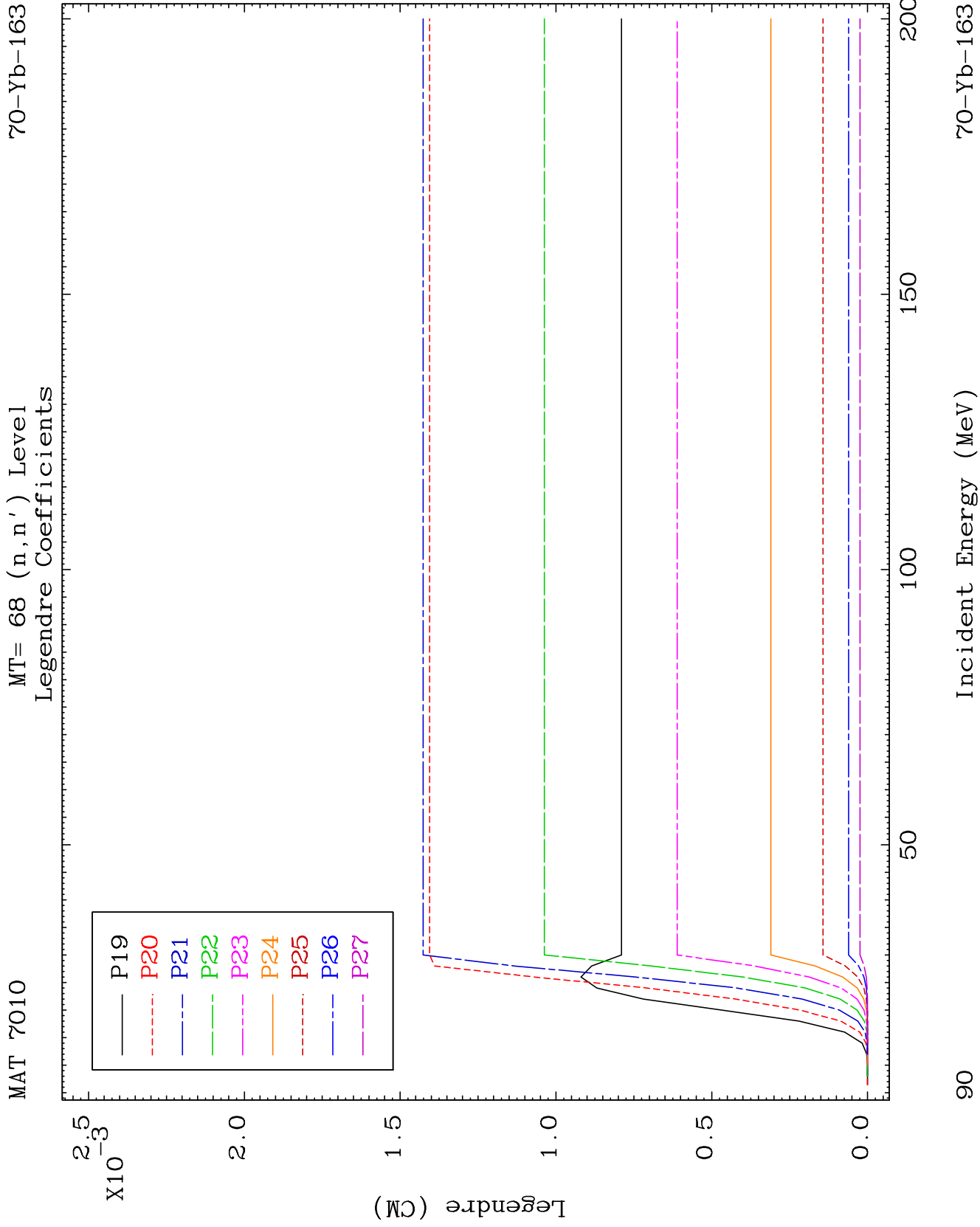
58

Incident Energy (MeV)

70-Yb-163



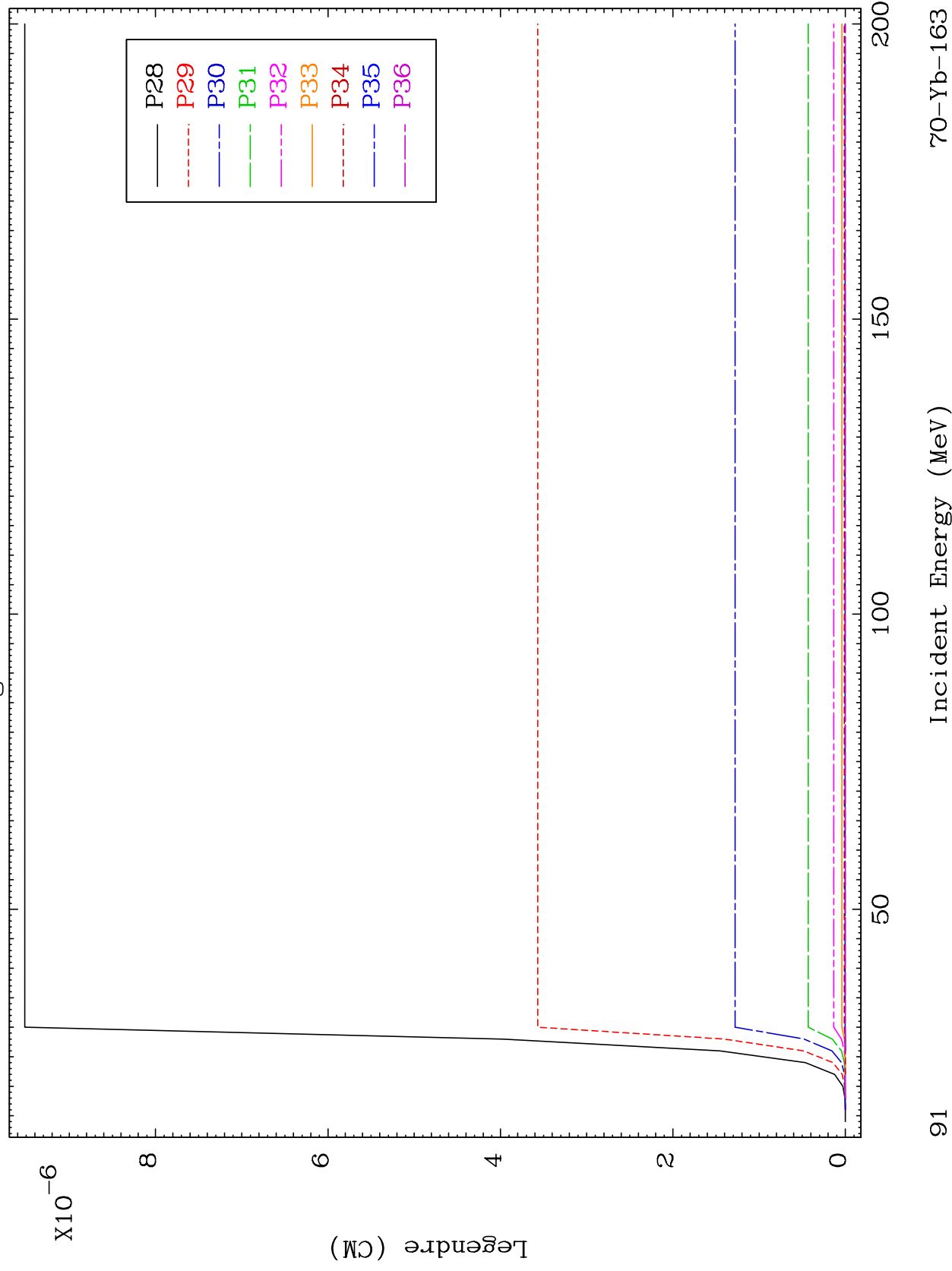




MAT 7010

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

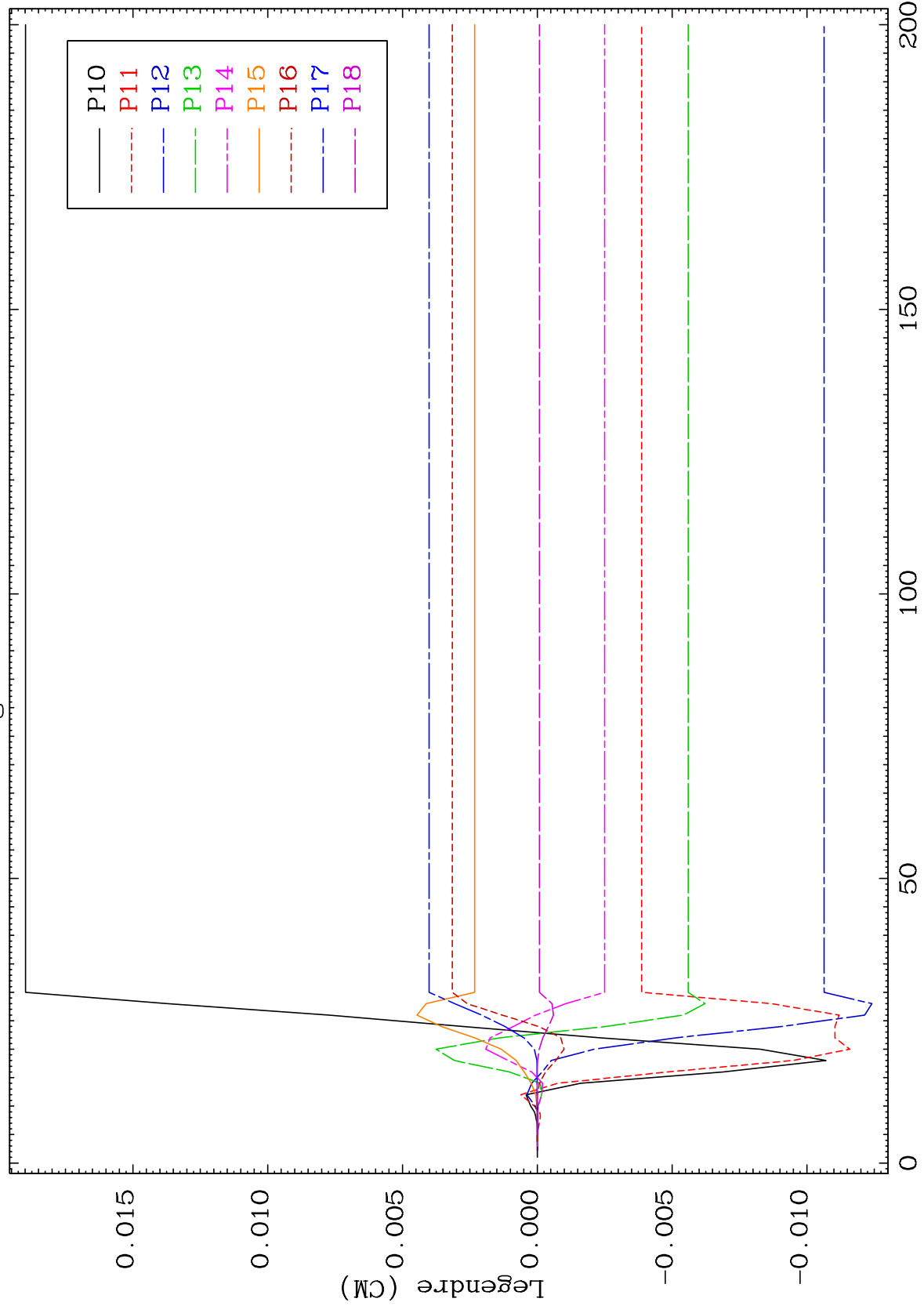
70-Yb-163



MAT 7010

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

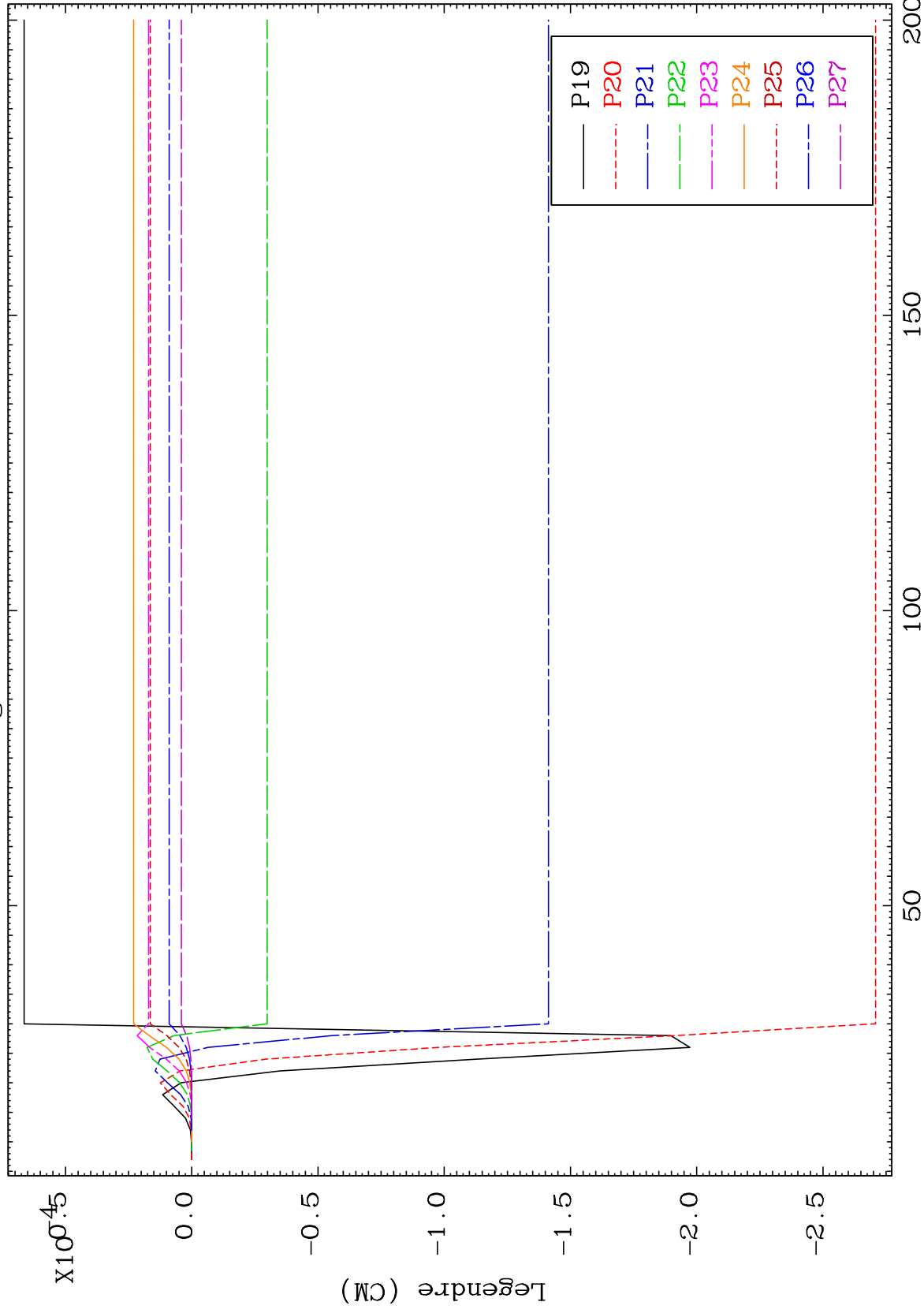
70-Yb-163



93

Incident Energy (MeV)

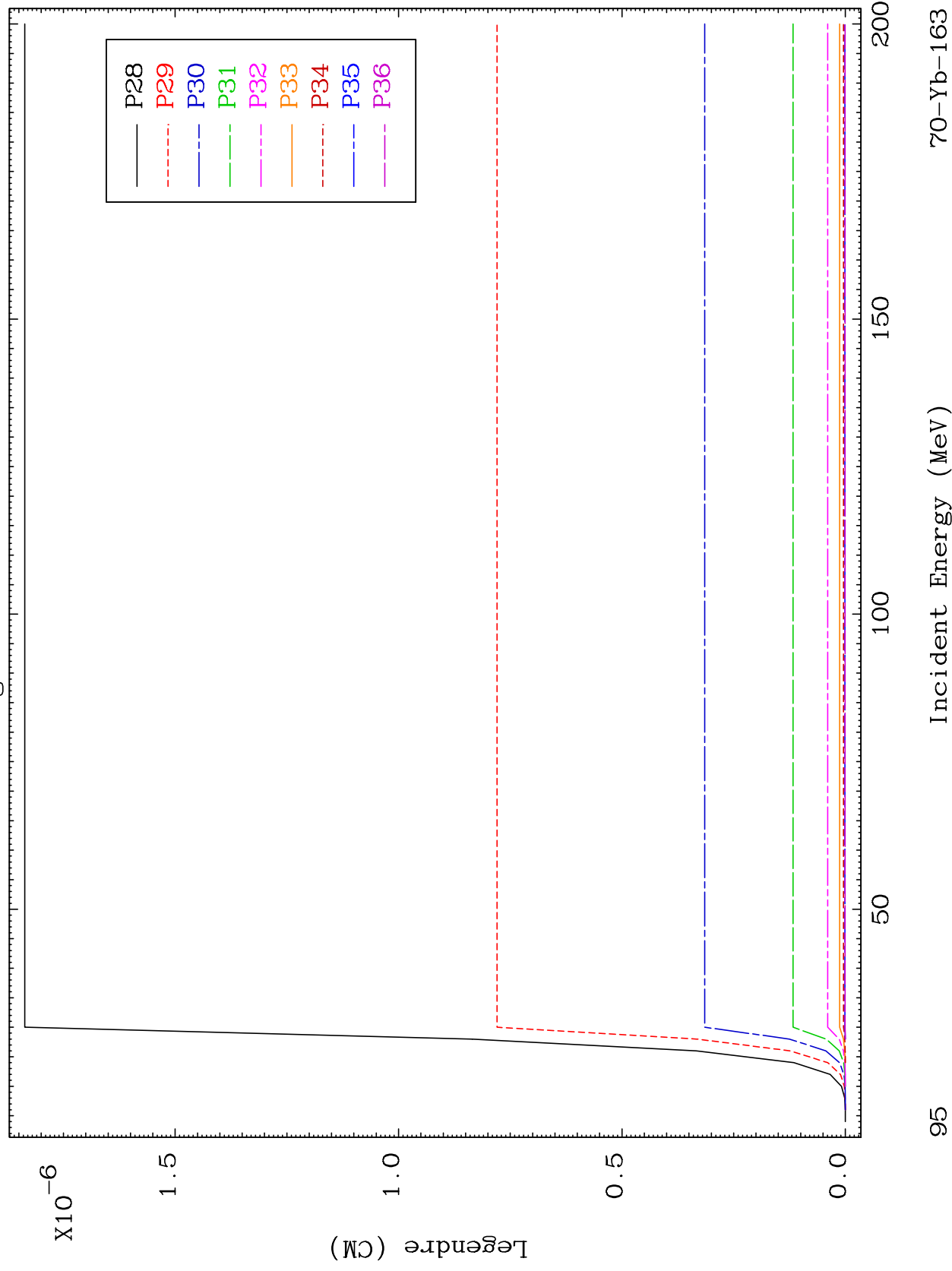
70-Yb-163



MAT 7010

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

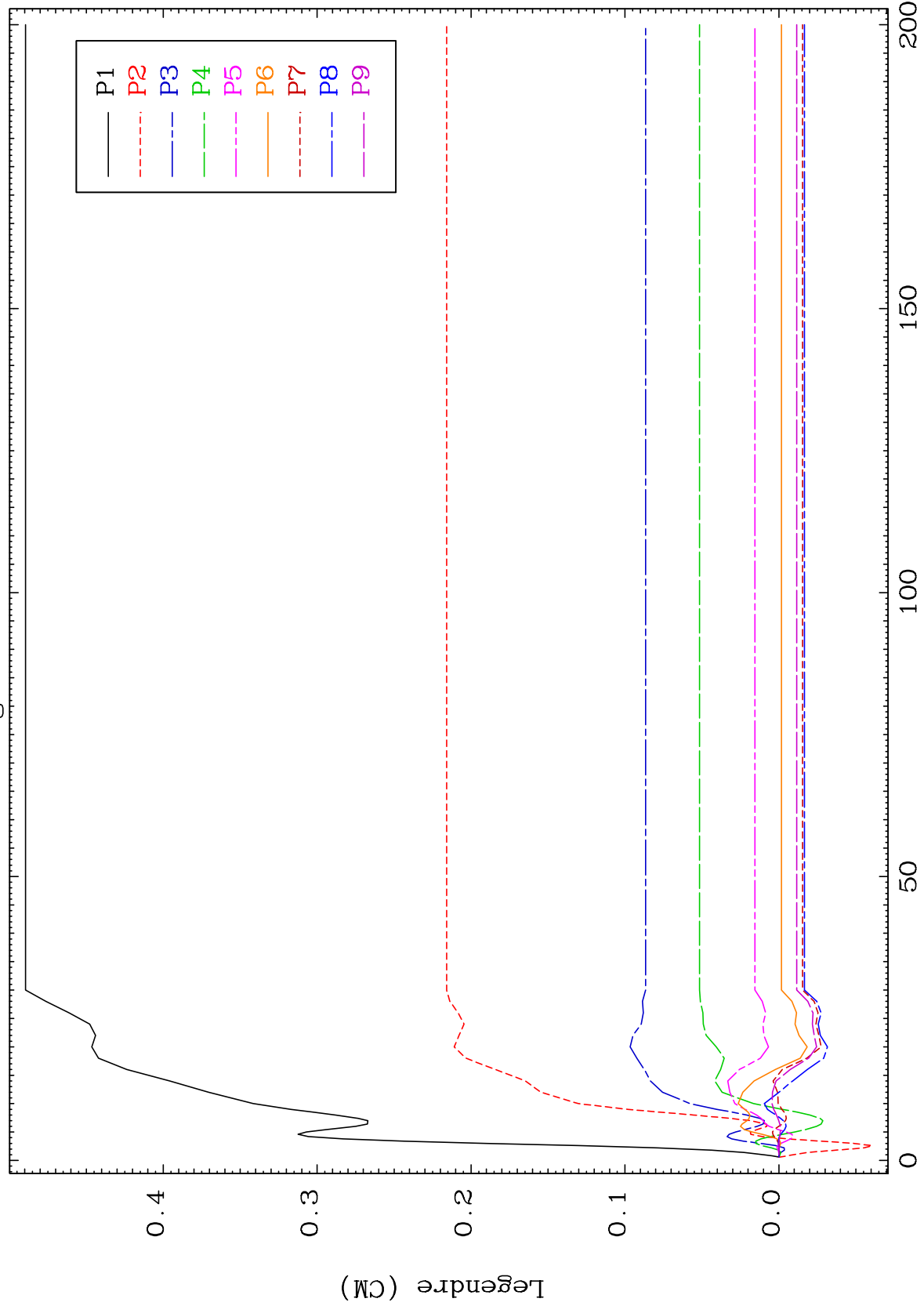
70-Yb-163



MAT 7010

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

70-Yb-163



96

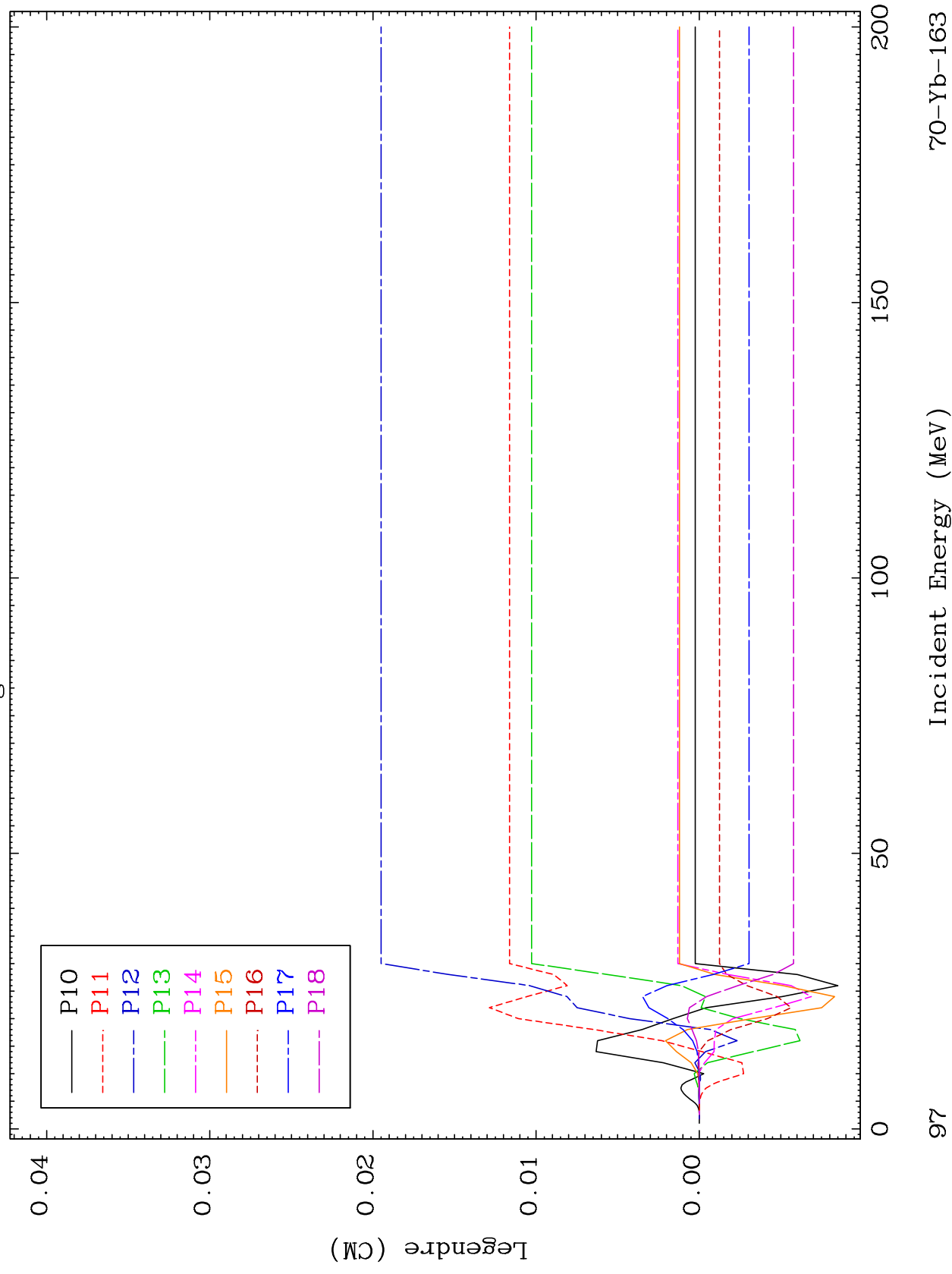
Incident Energy (MeV)

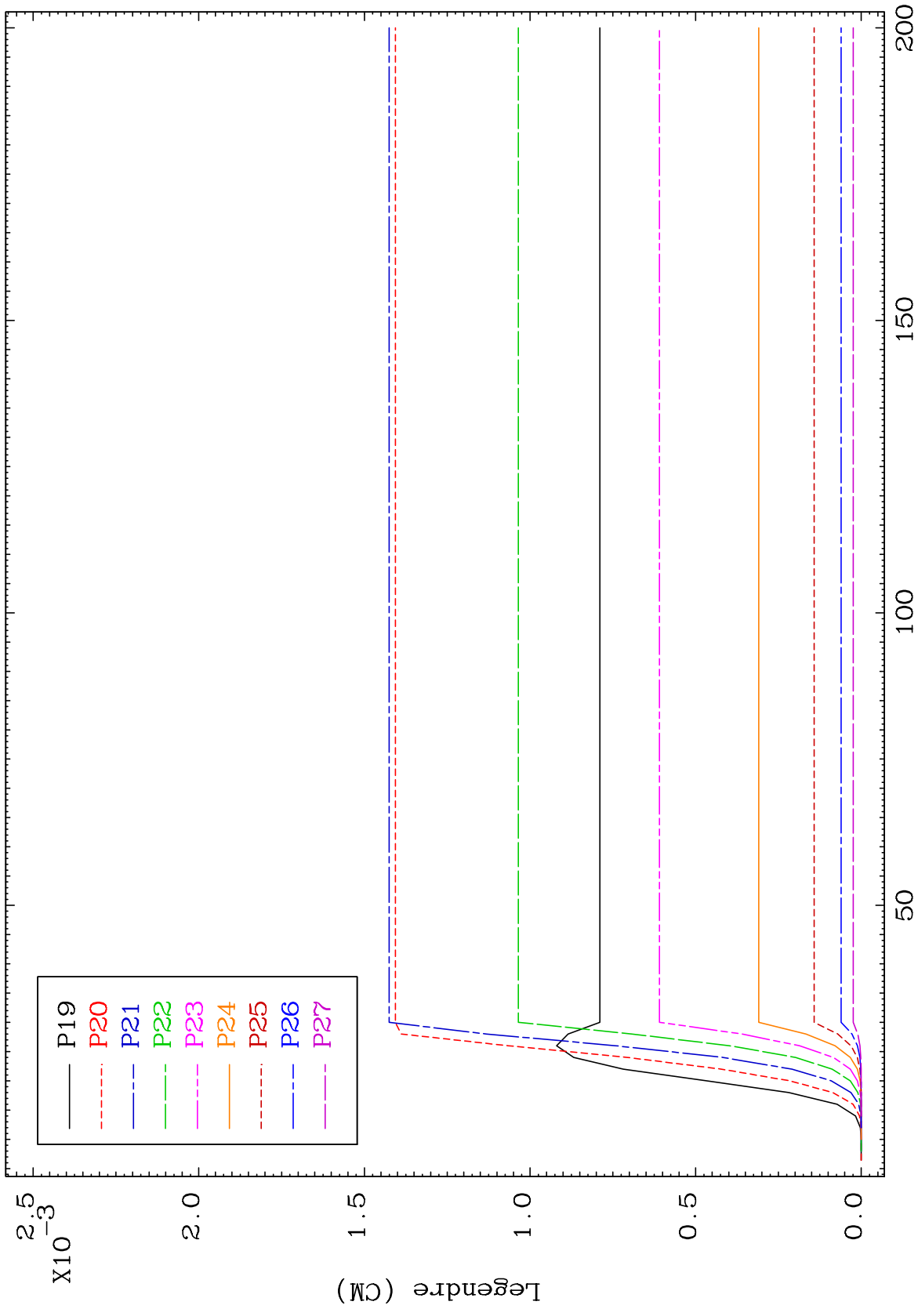
70-Yb-163

MAT 7010

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

70-Yb-163

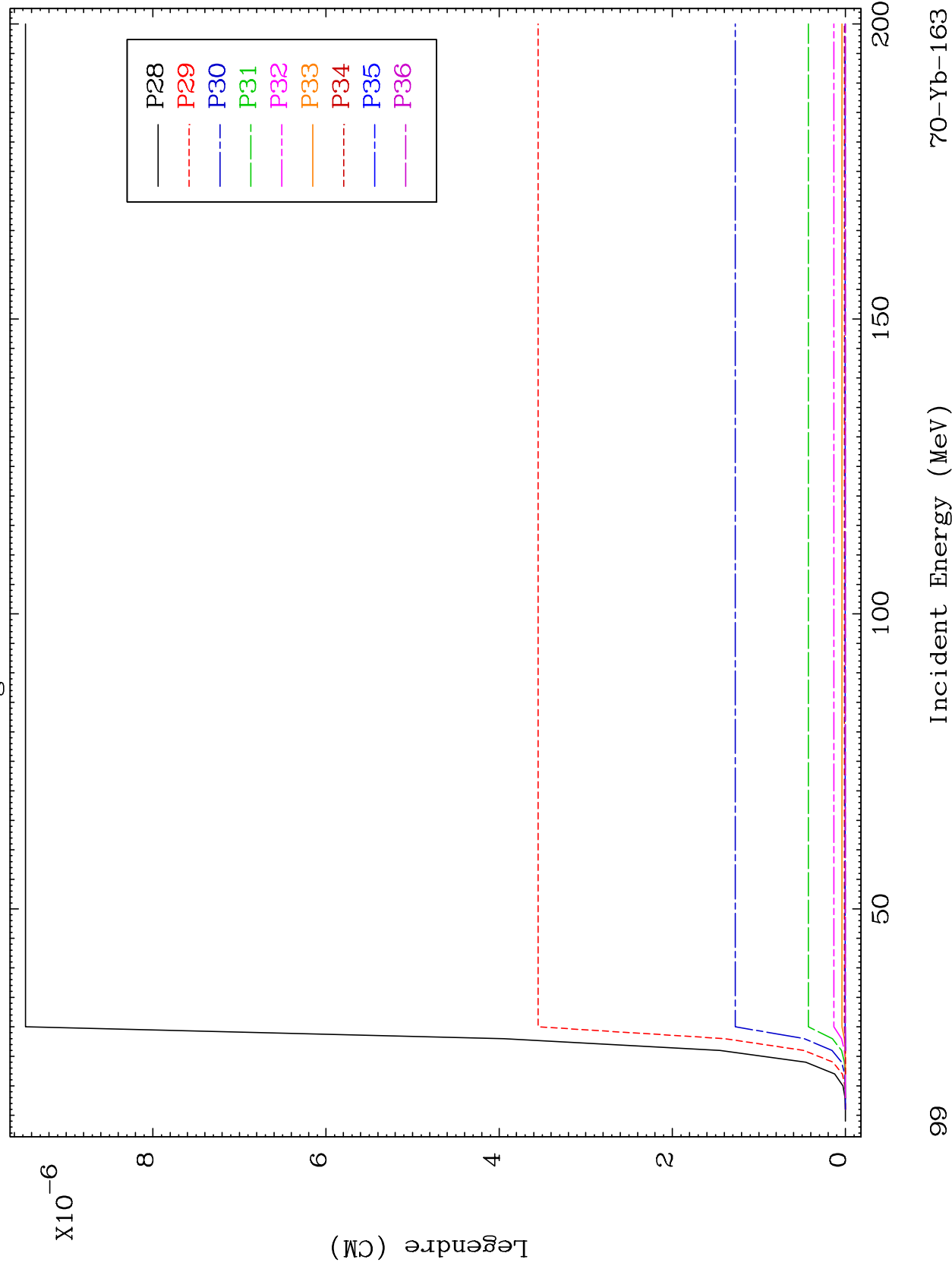


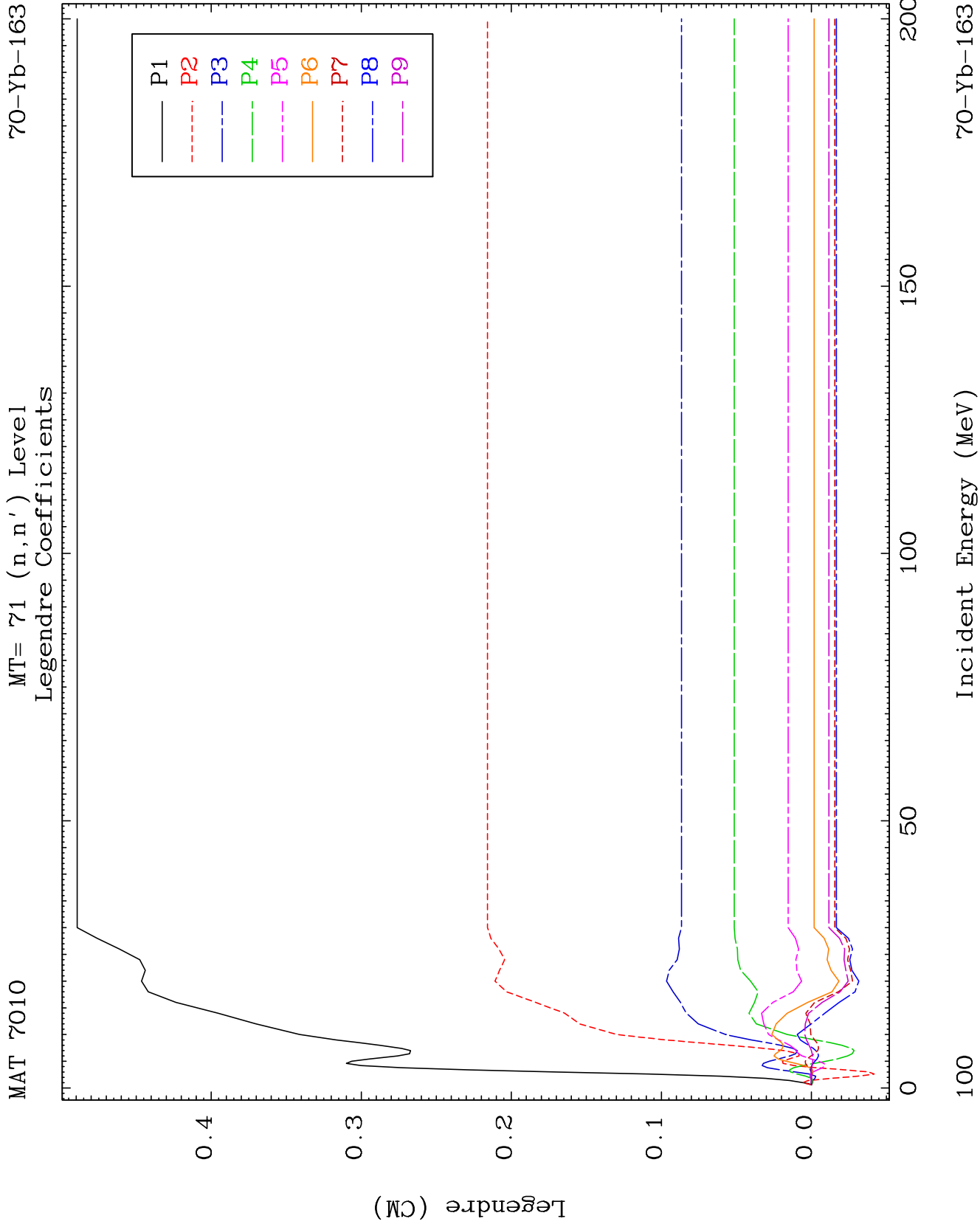


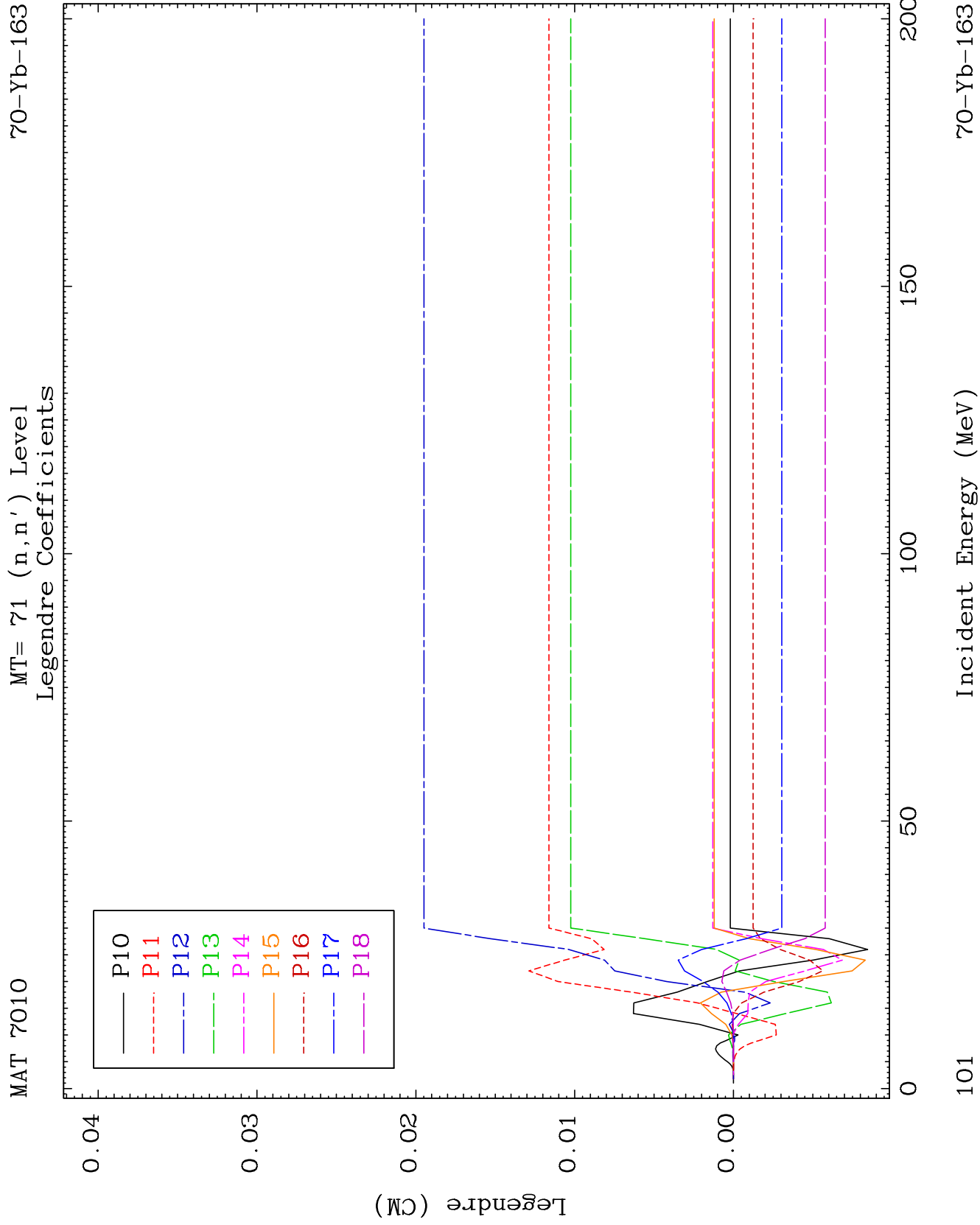
MAT 7010

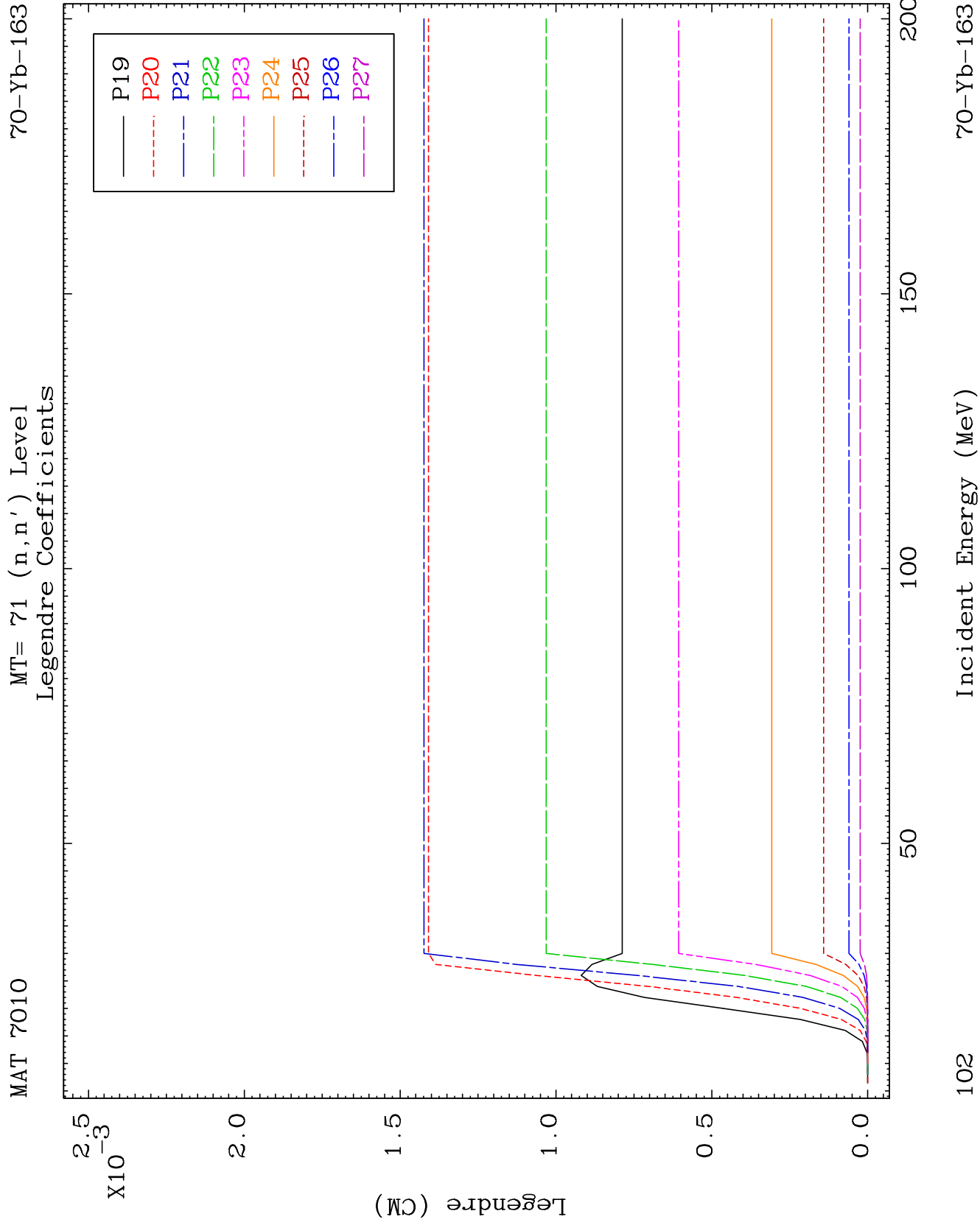
MT= 70 (n, n') Level
Legendre Coefficients

70-Yb-163





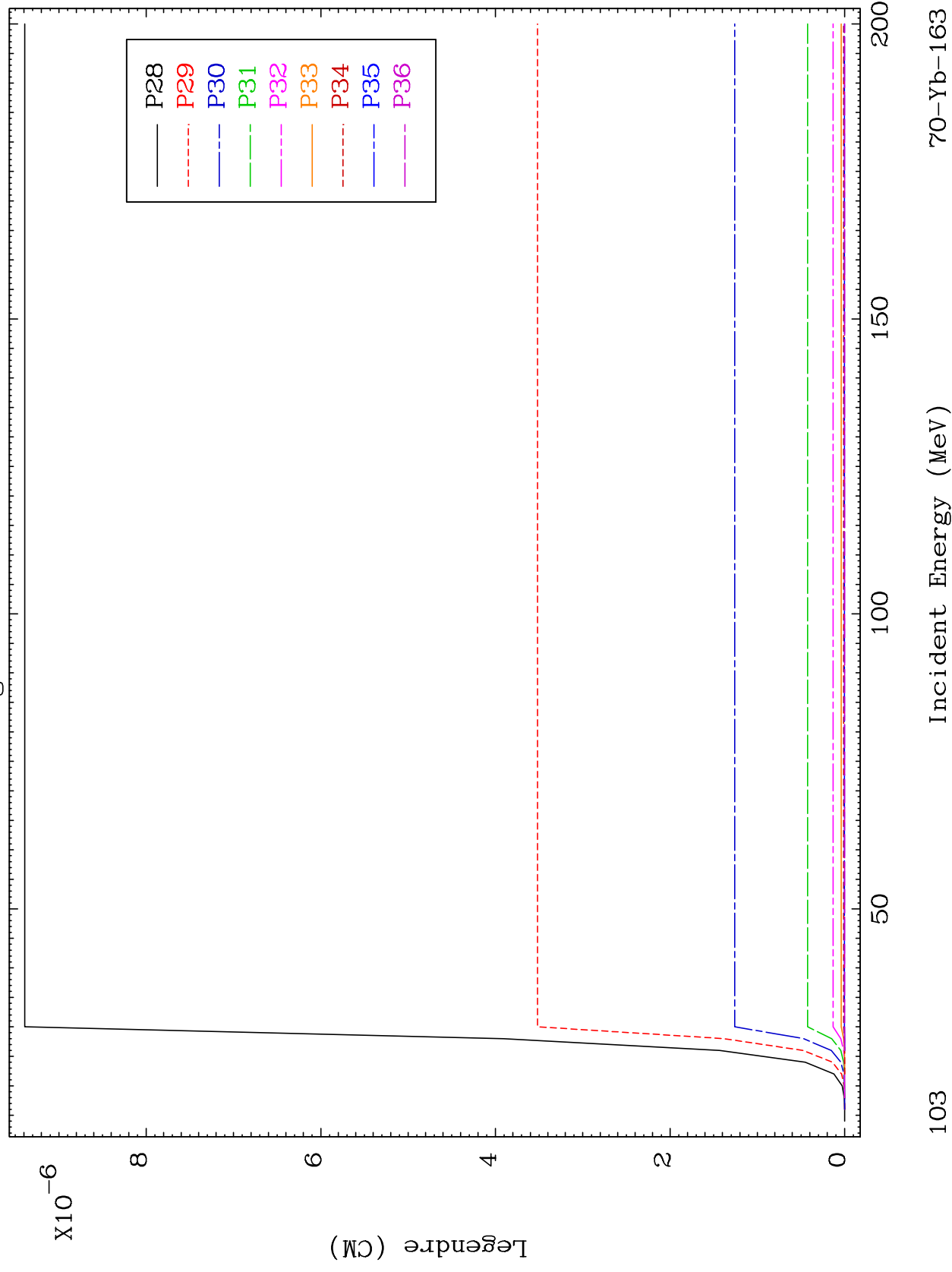


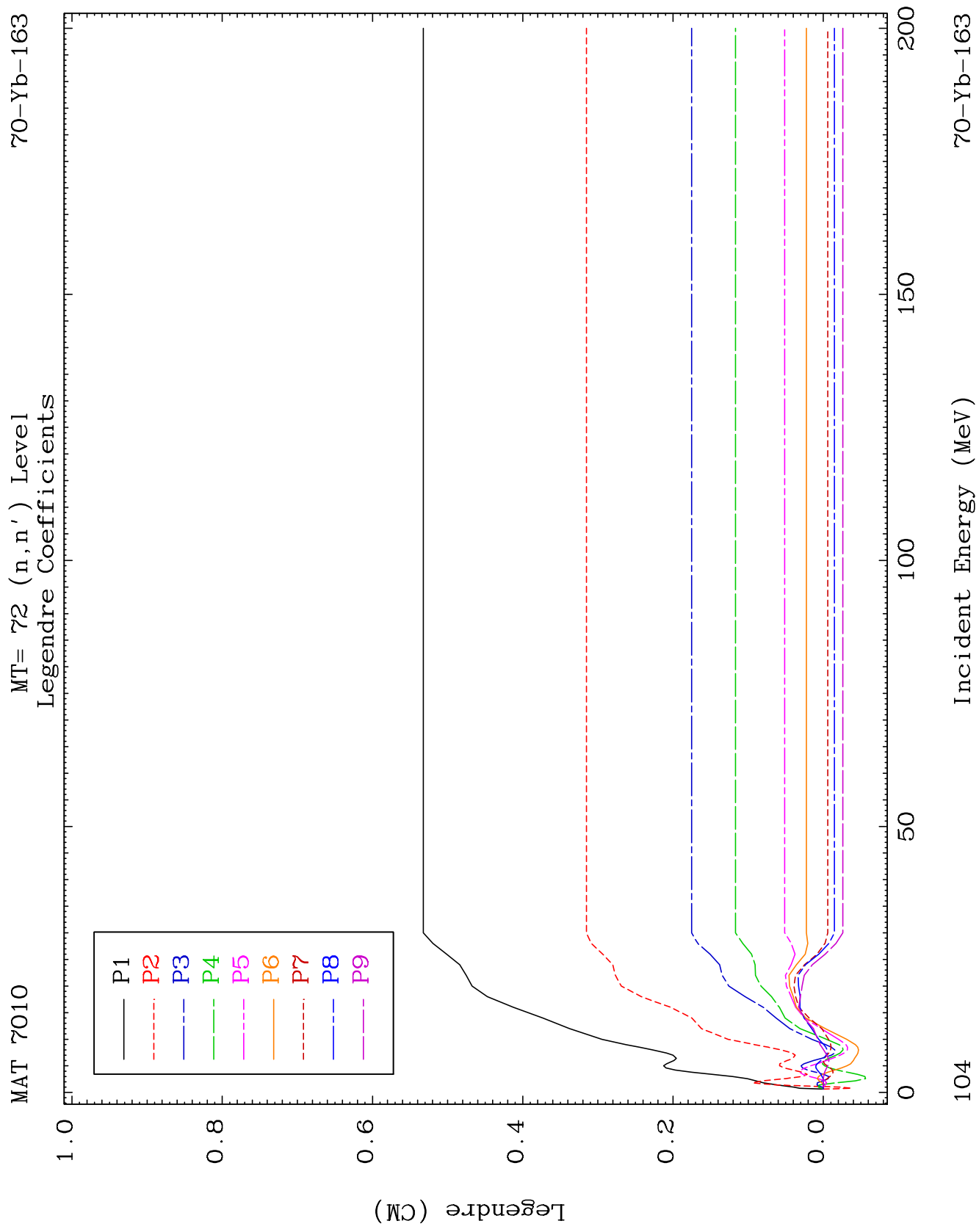


MAT 7010

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

70-Yb-163

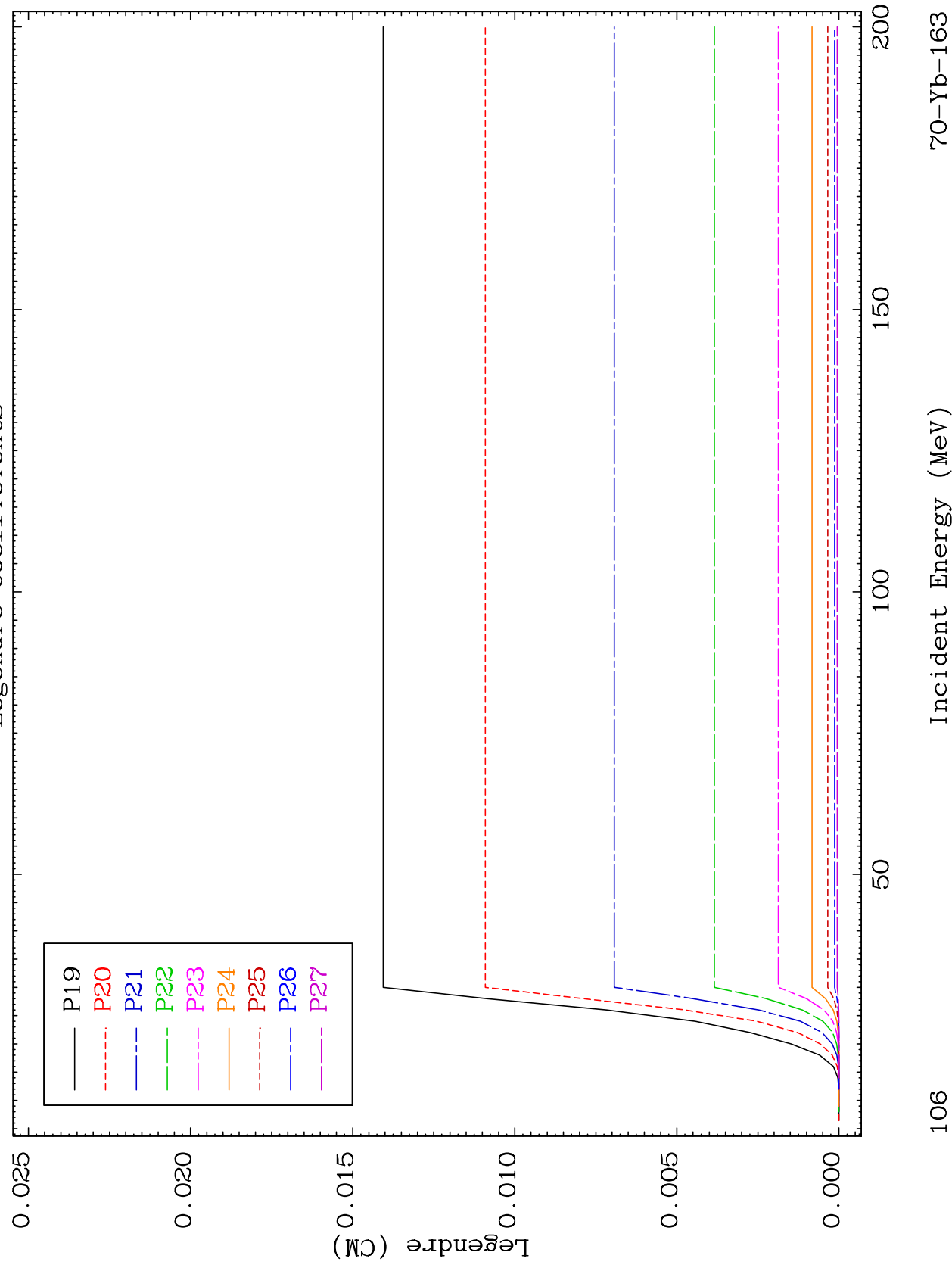


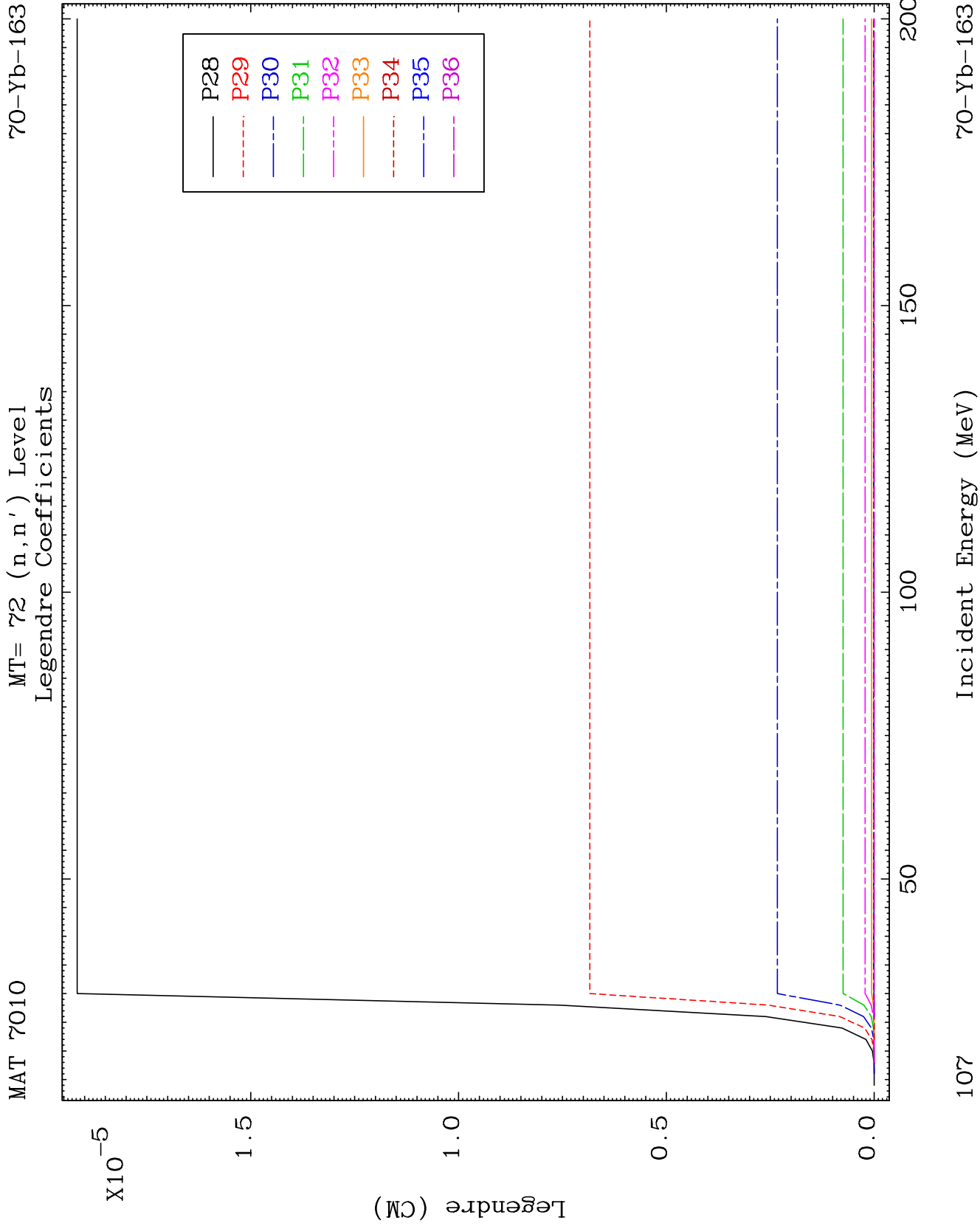


MAT 7010

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

70-Yb-163

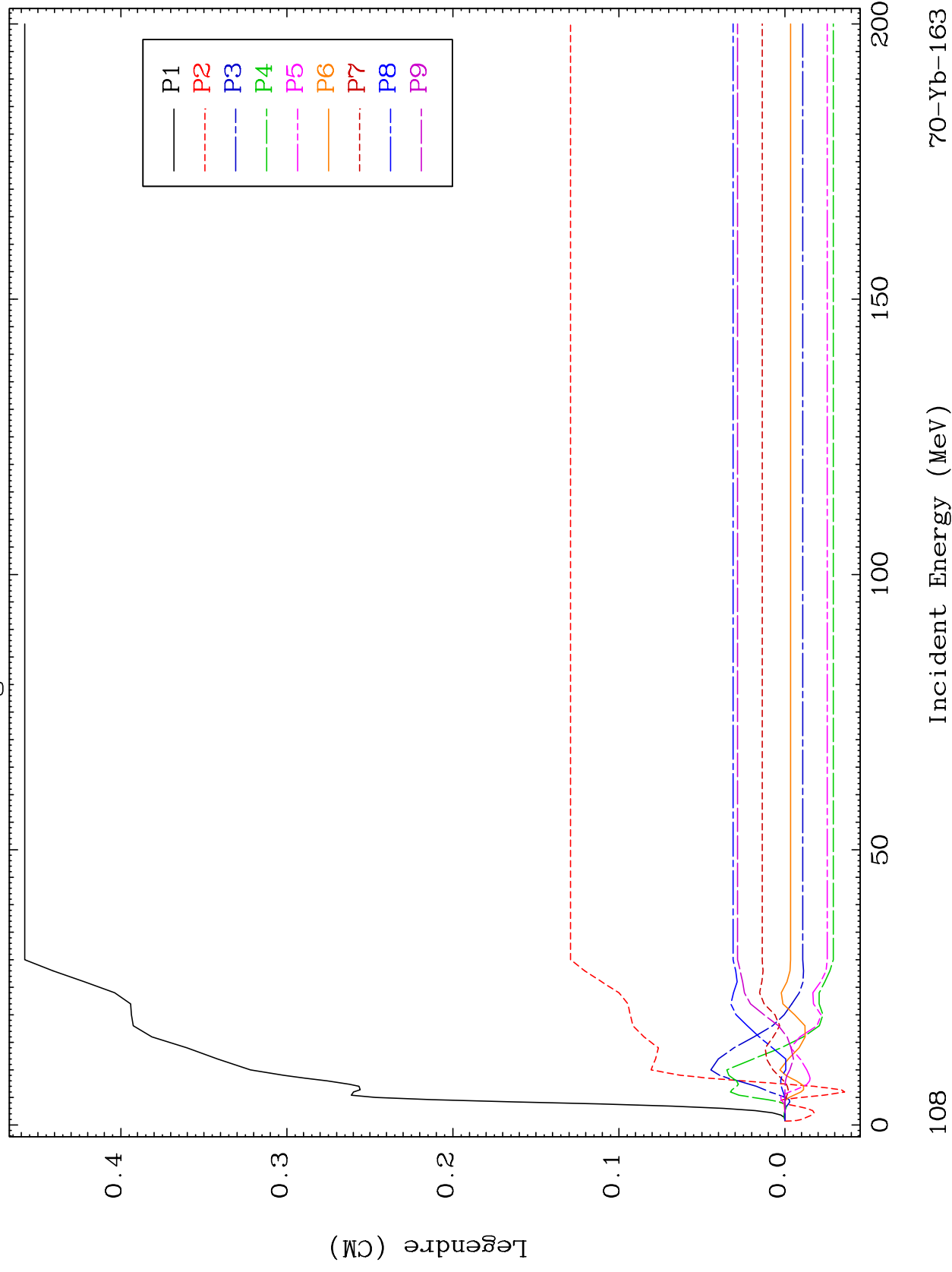




MAT 7010

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

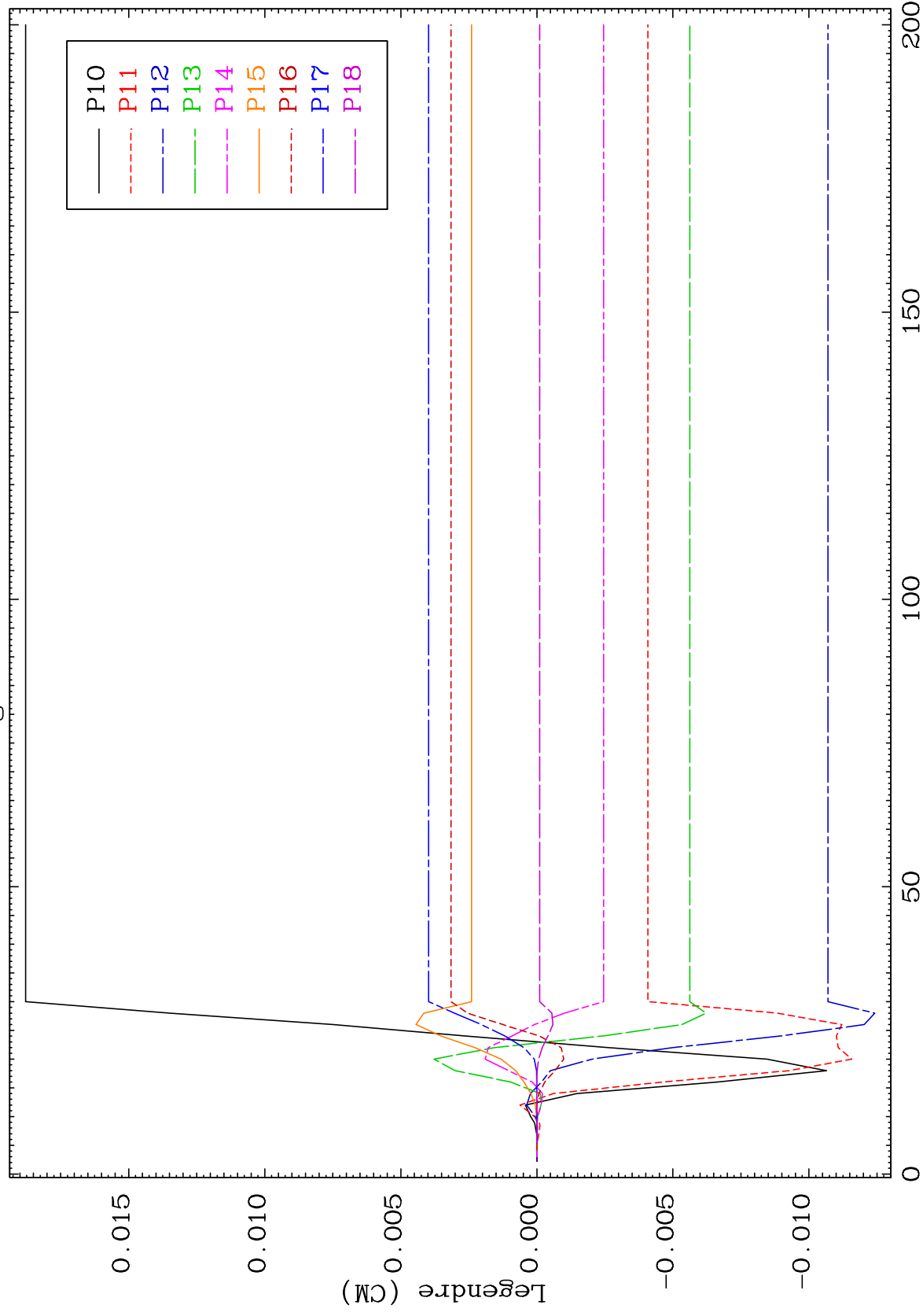
70-Yb-163



MAT 7010

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

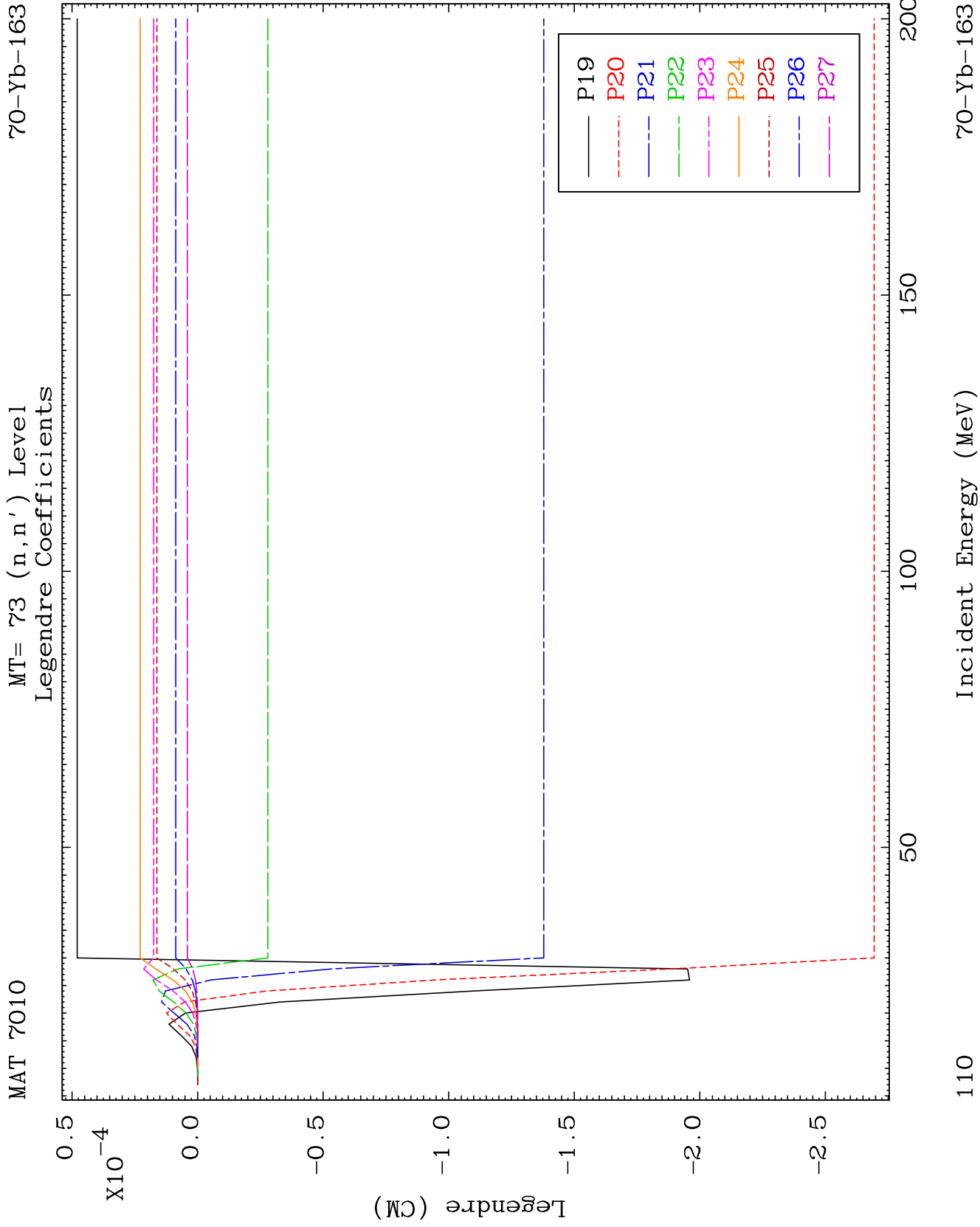
70-Yb-163

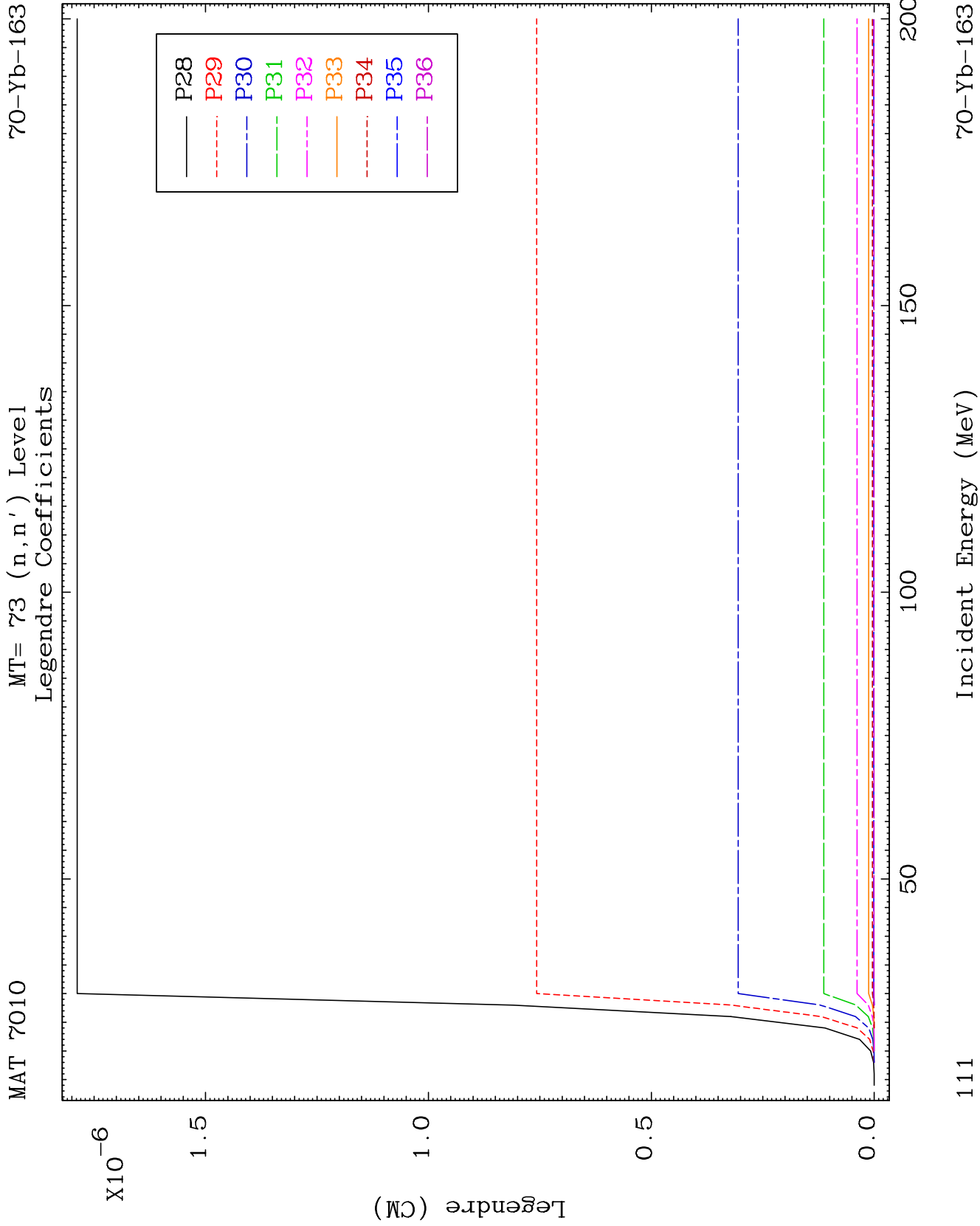


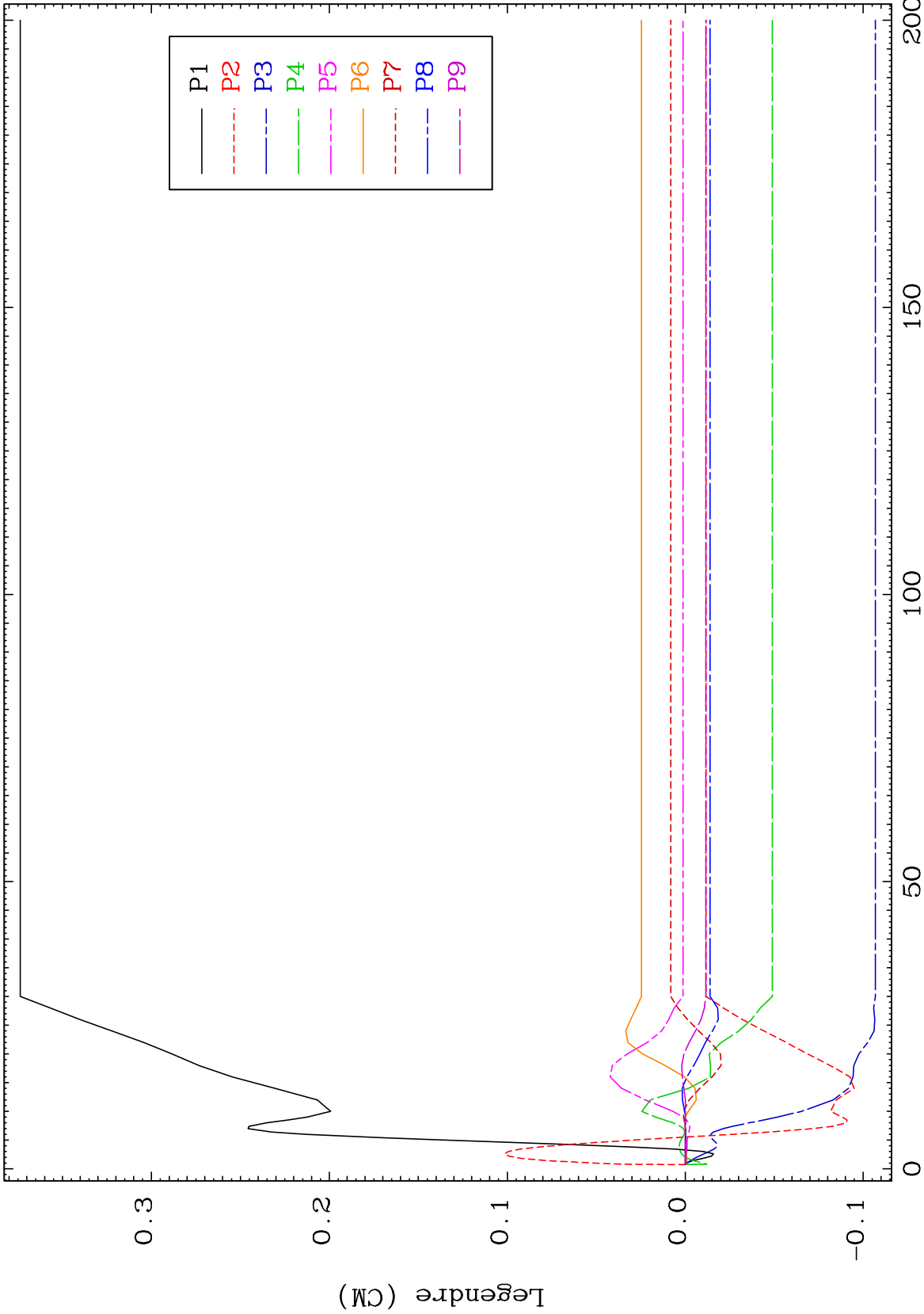
109

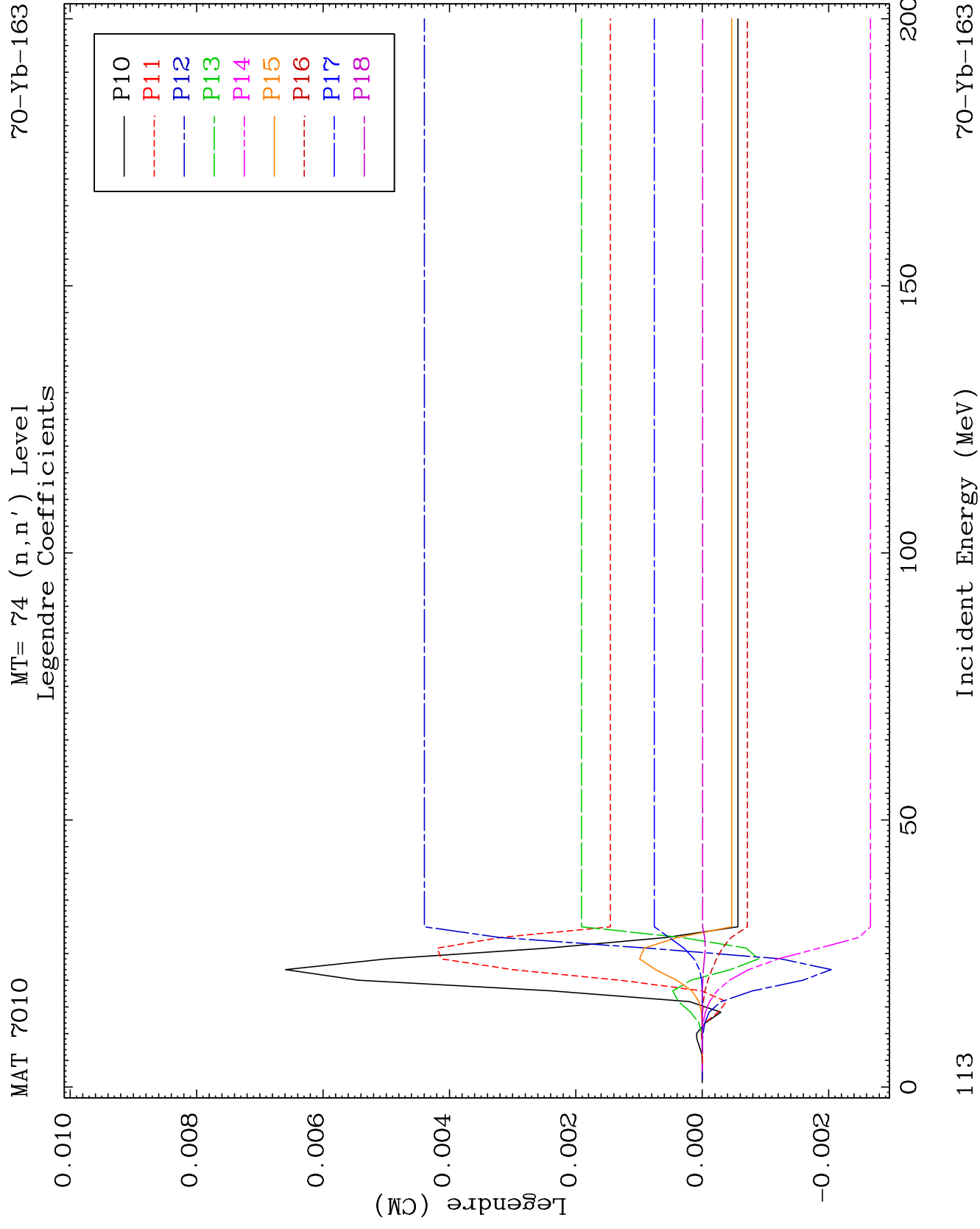
Incident Energy (MeV)

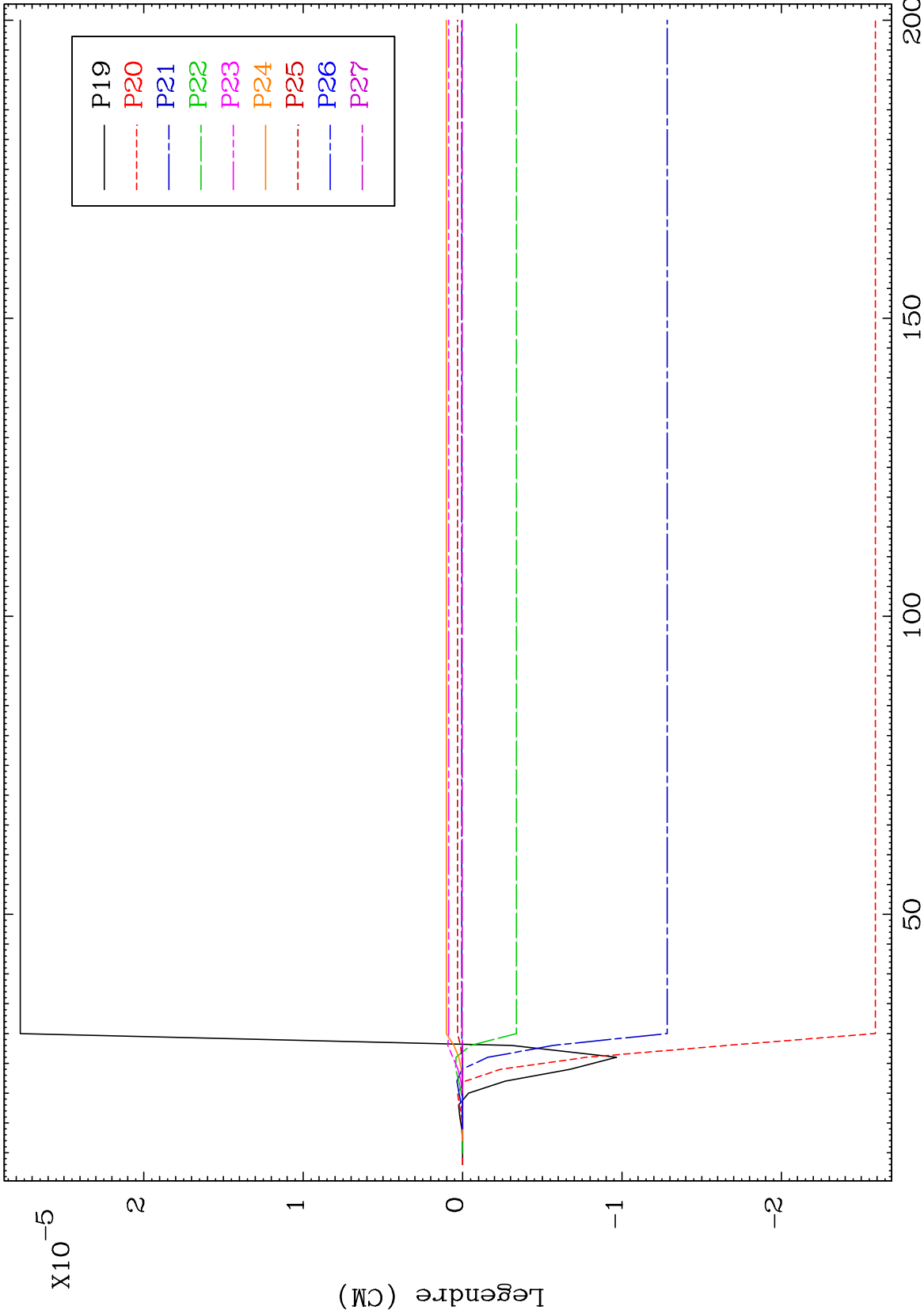
70-Yb-163

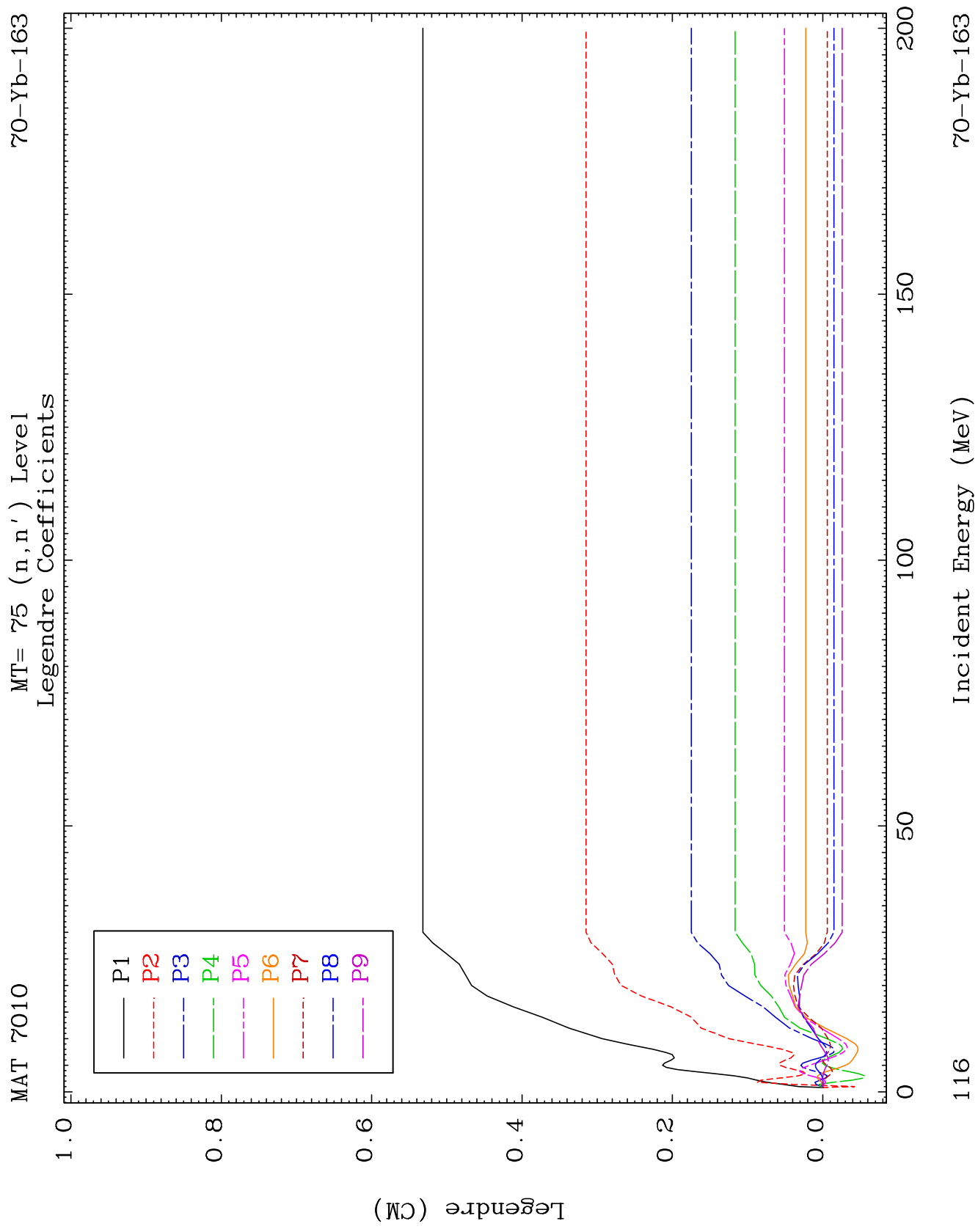


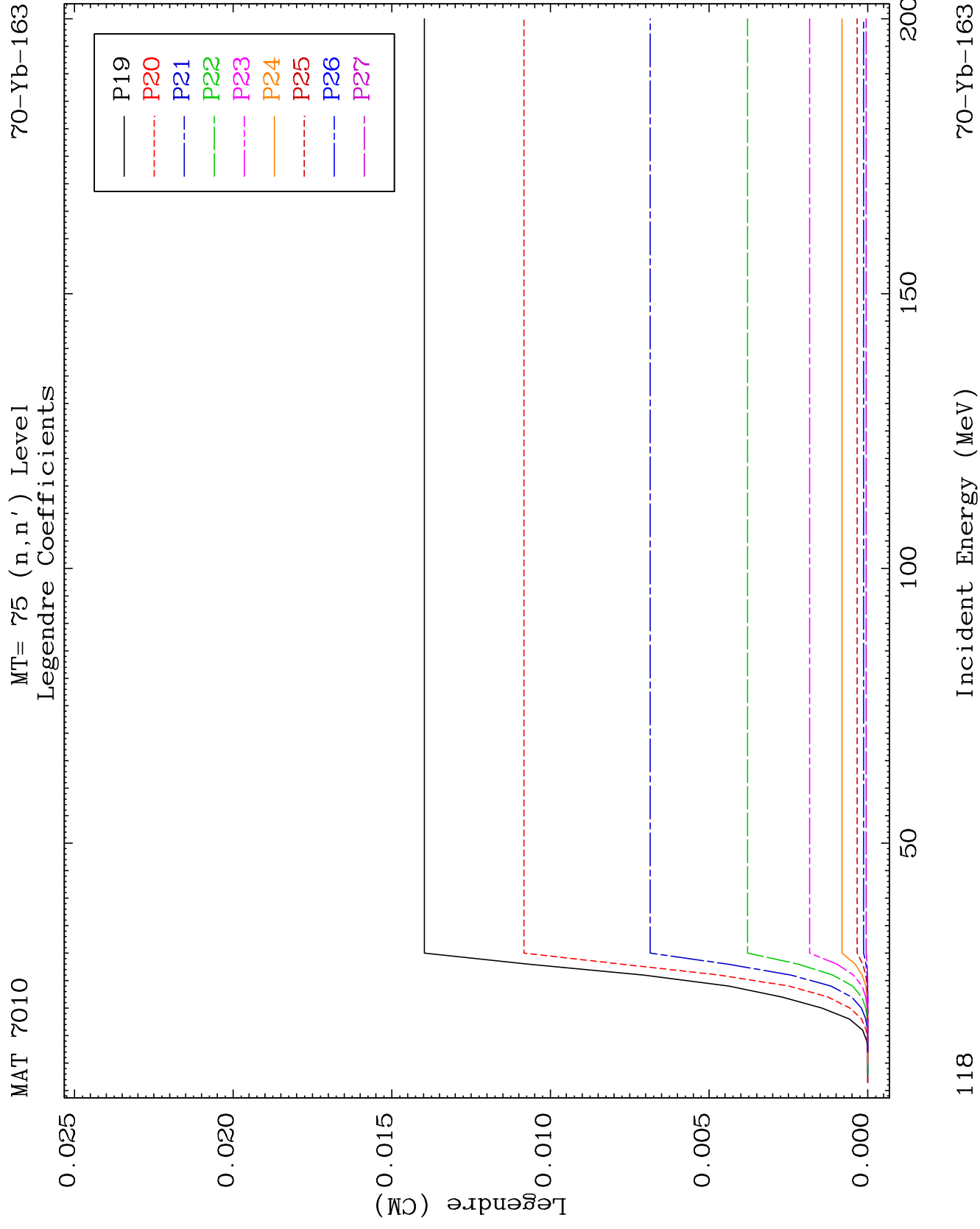


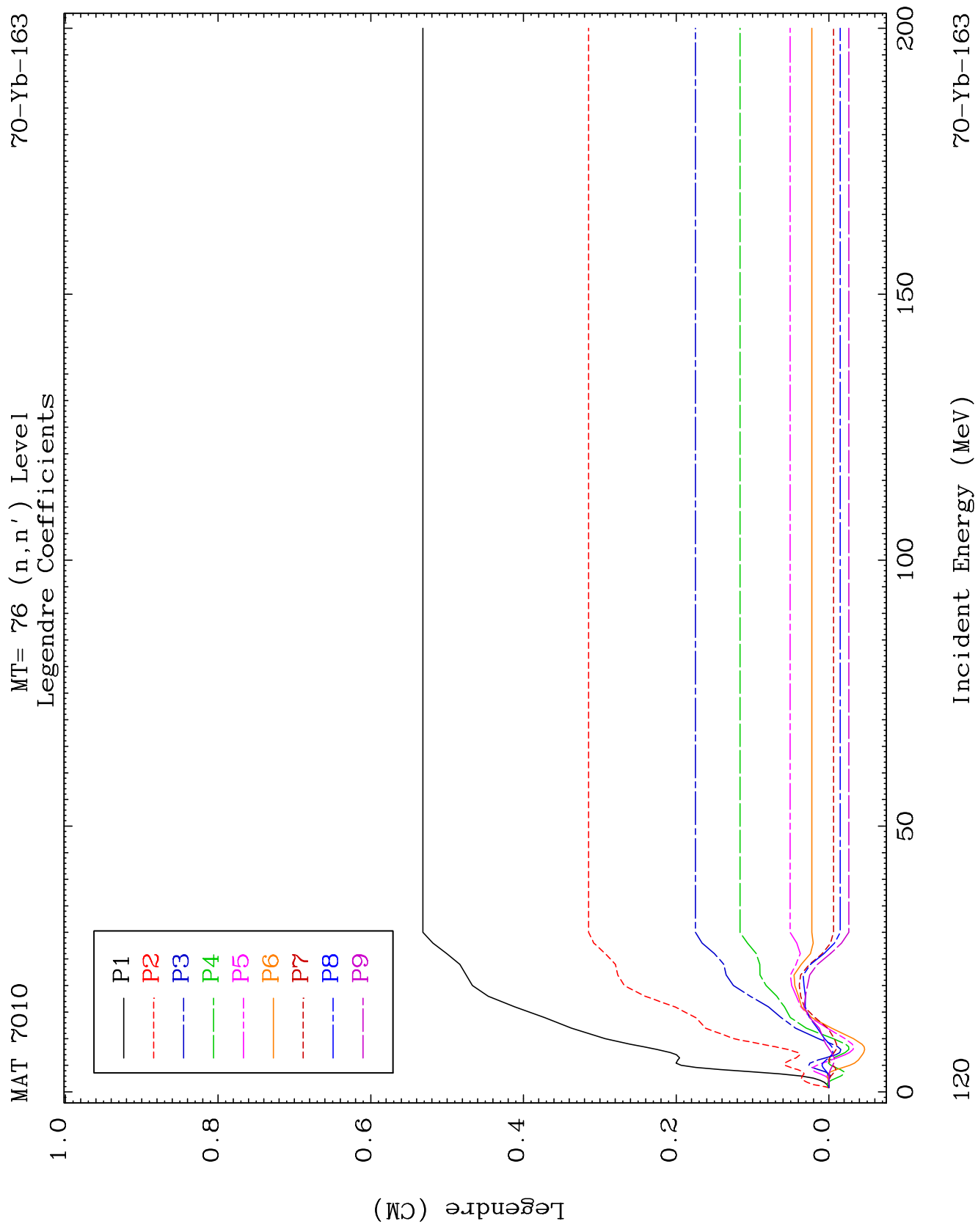








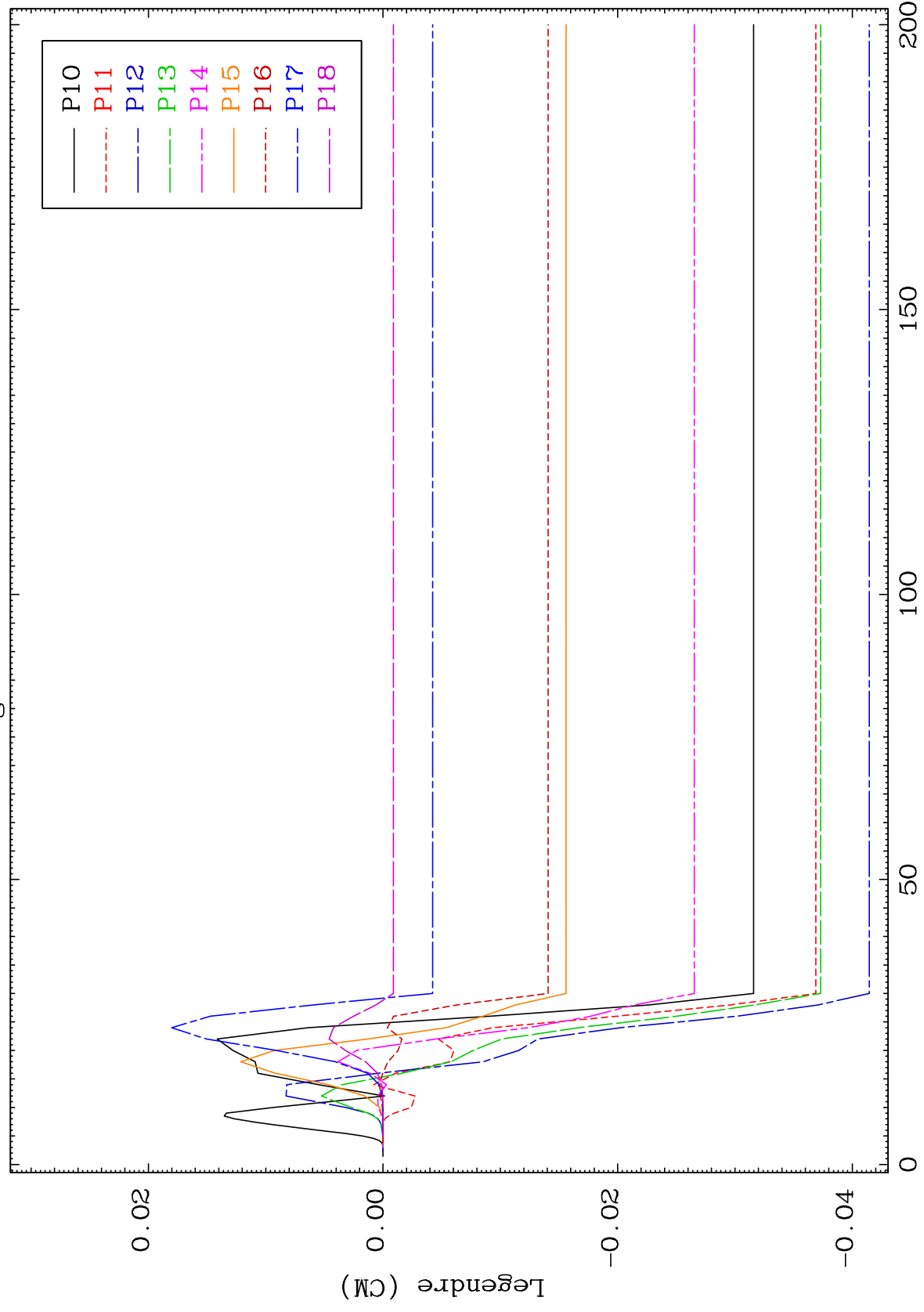




MAT 7010

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

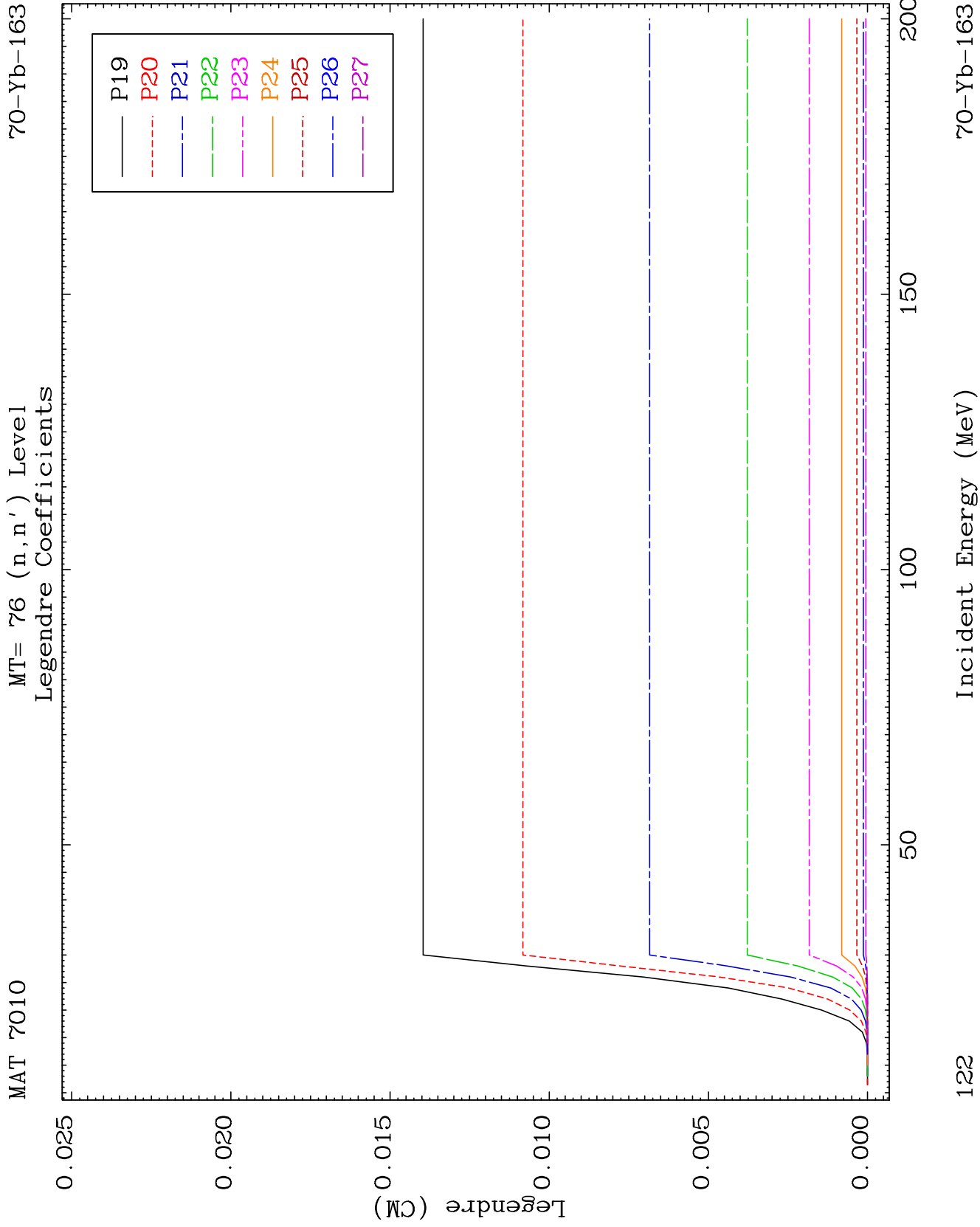
70-Yb-163

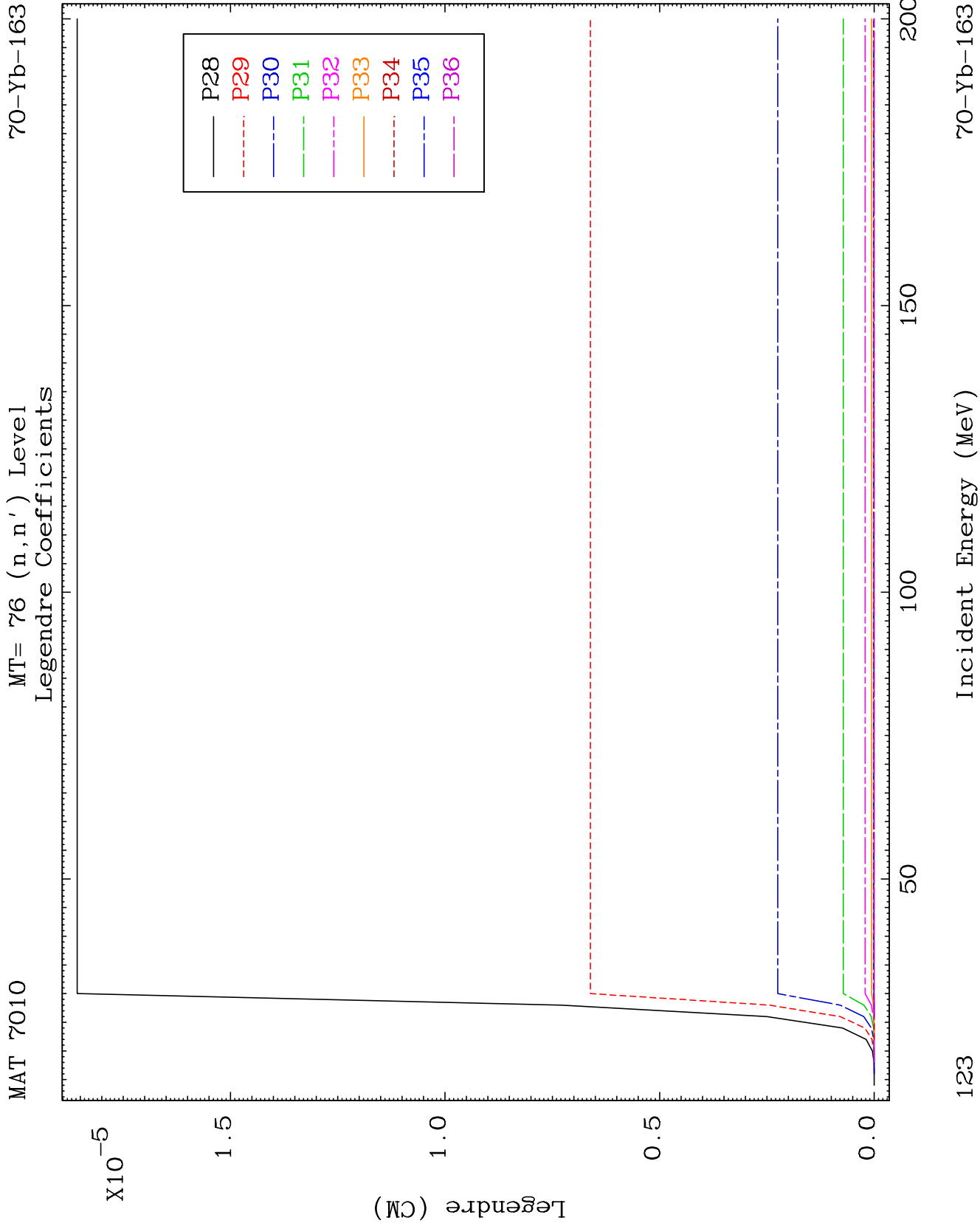


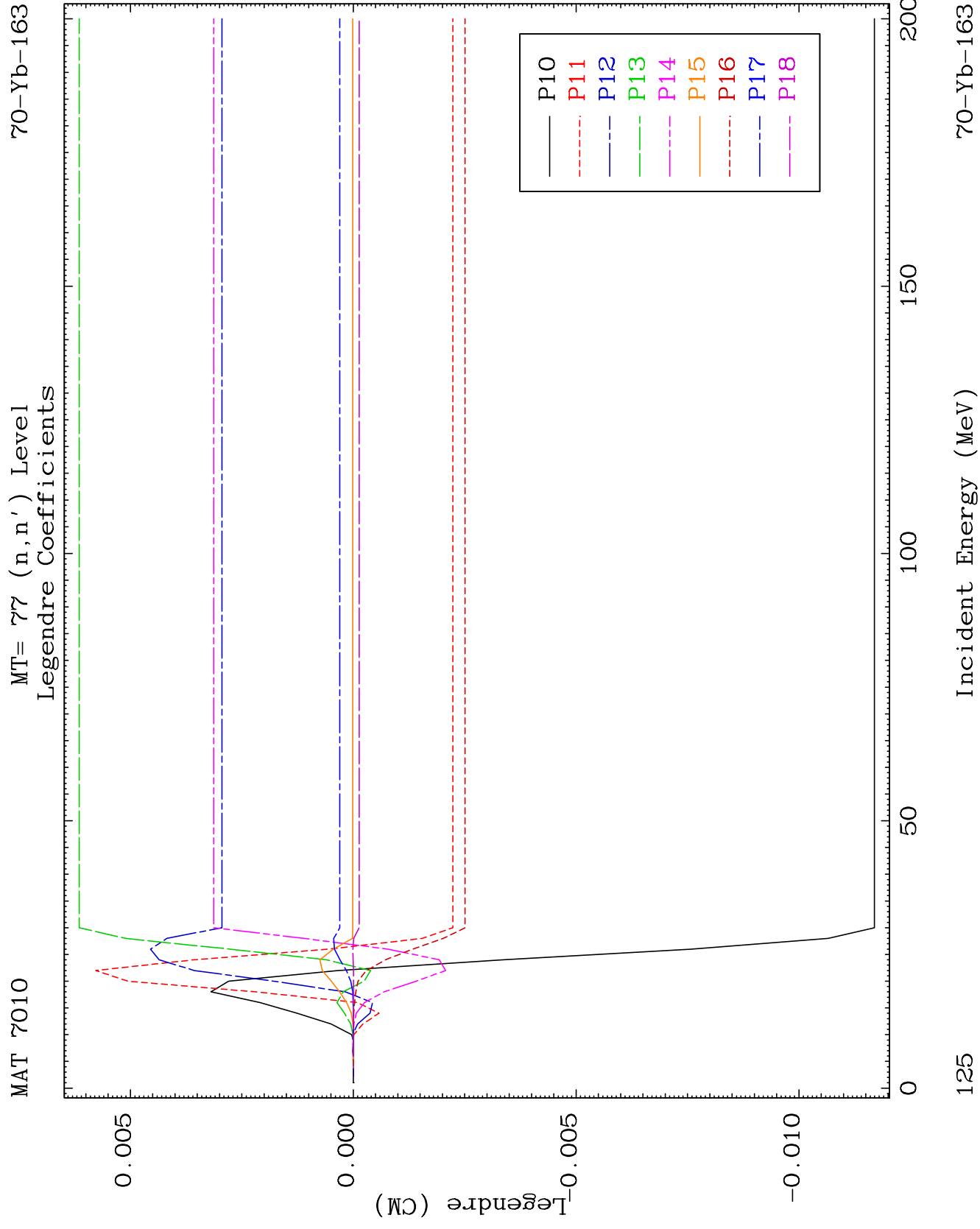
121

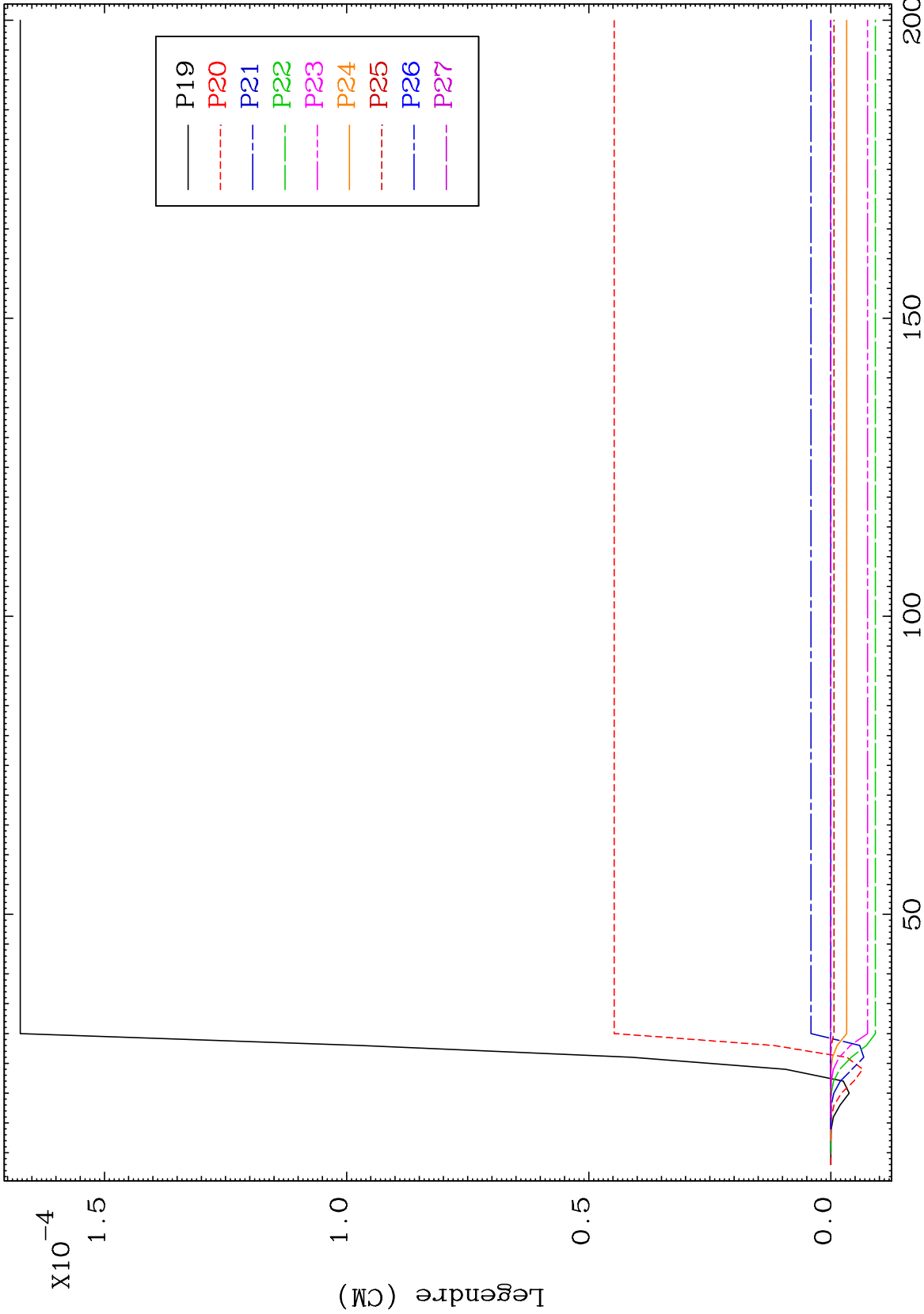
Incident Energy (MeV)

70-Yb-163





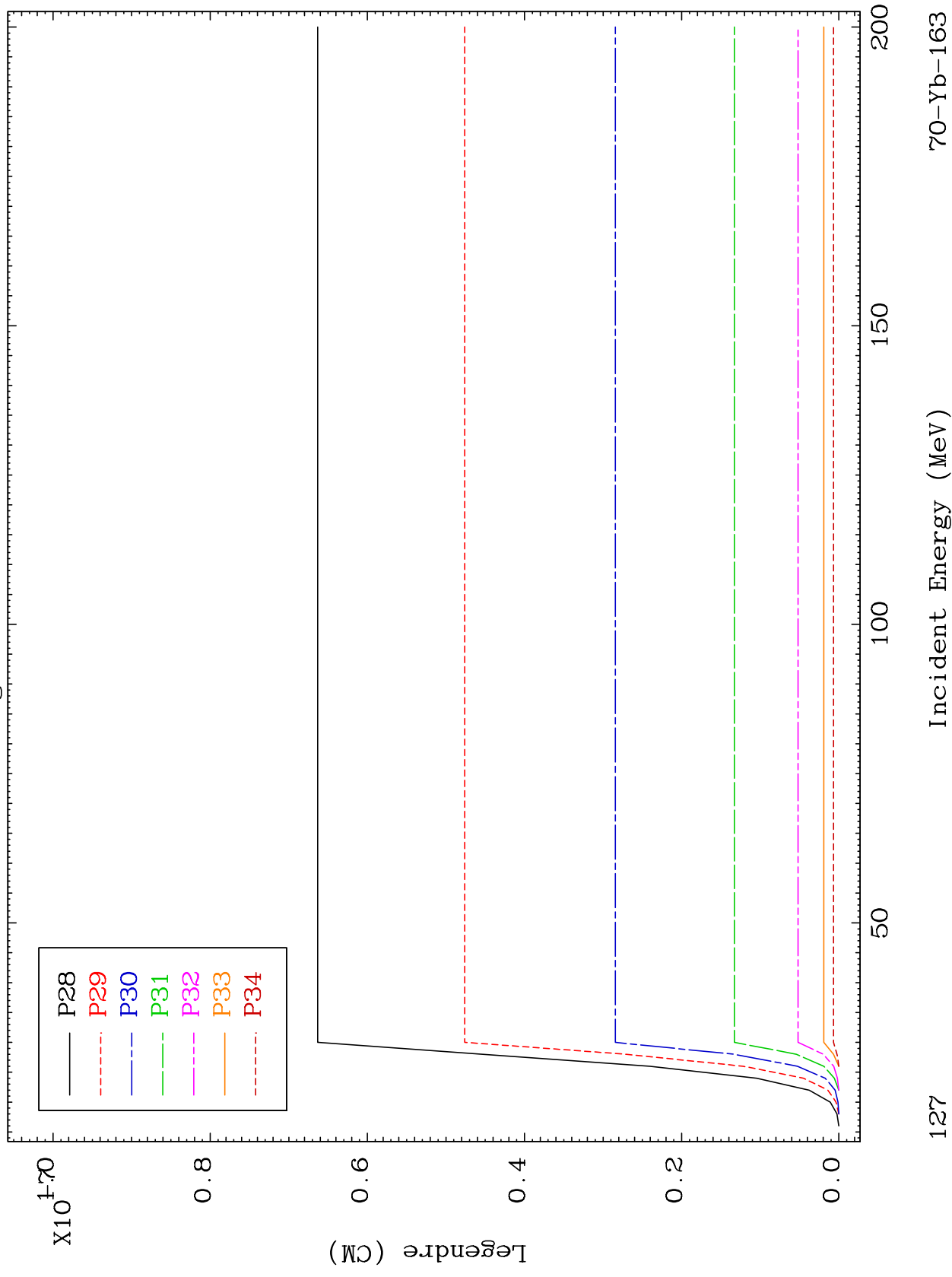


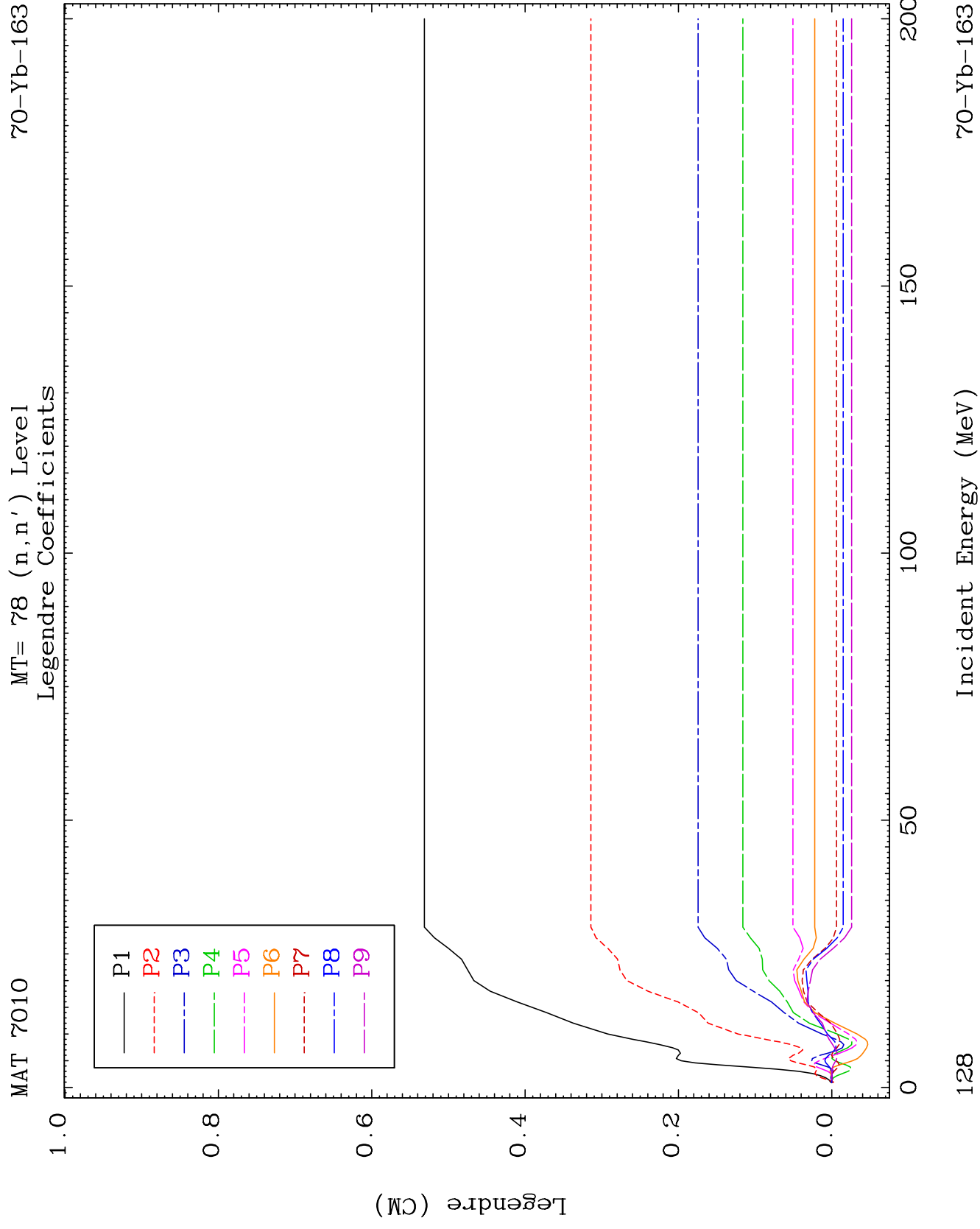


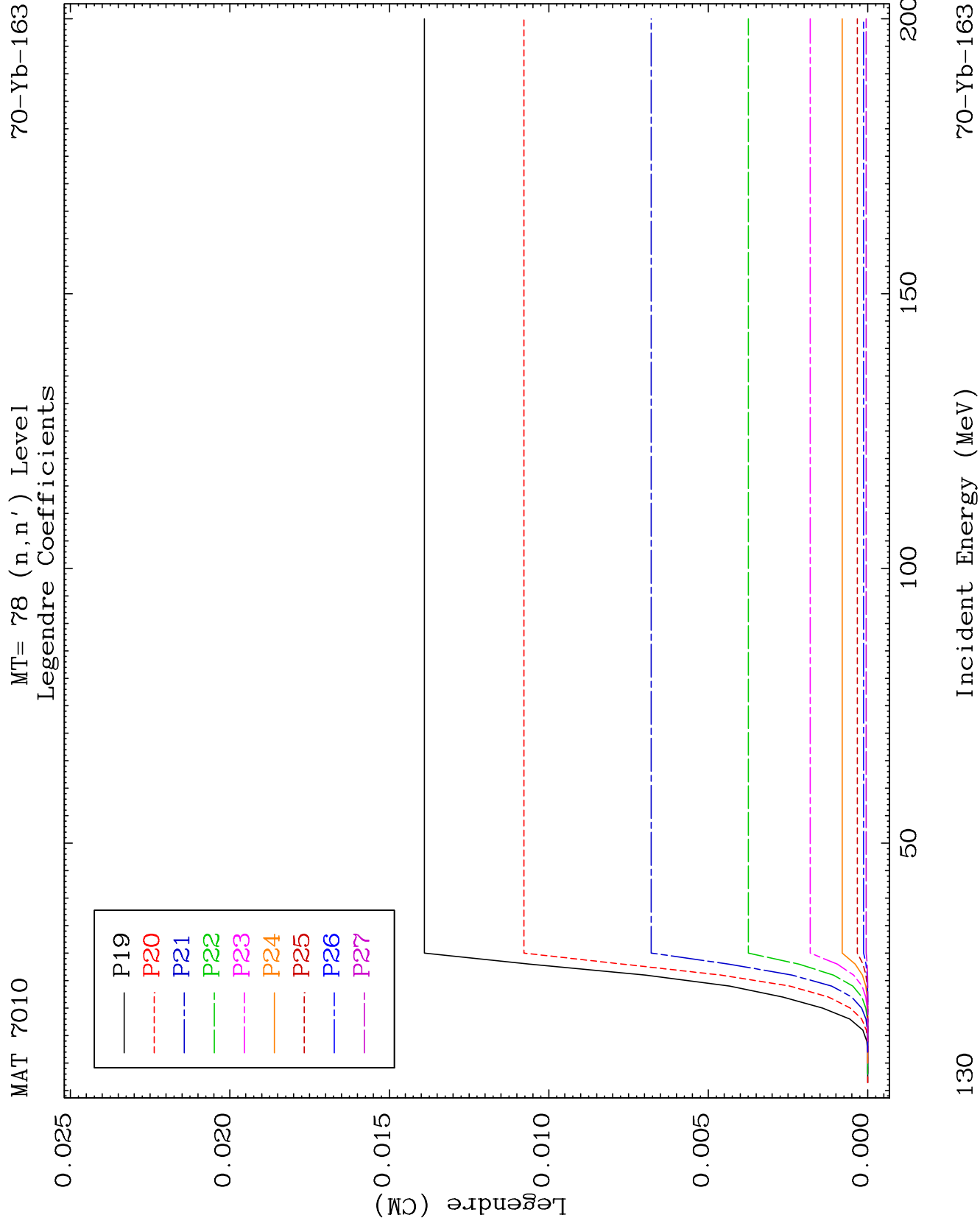
MAT 7010

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

70-Yb-163



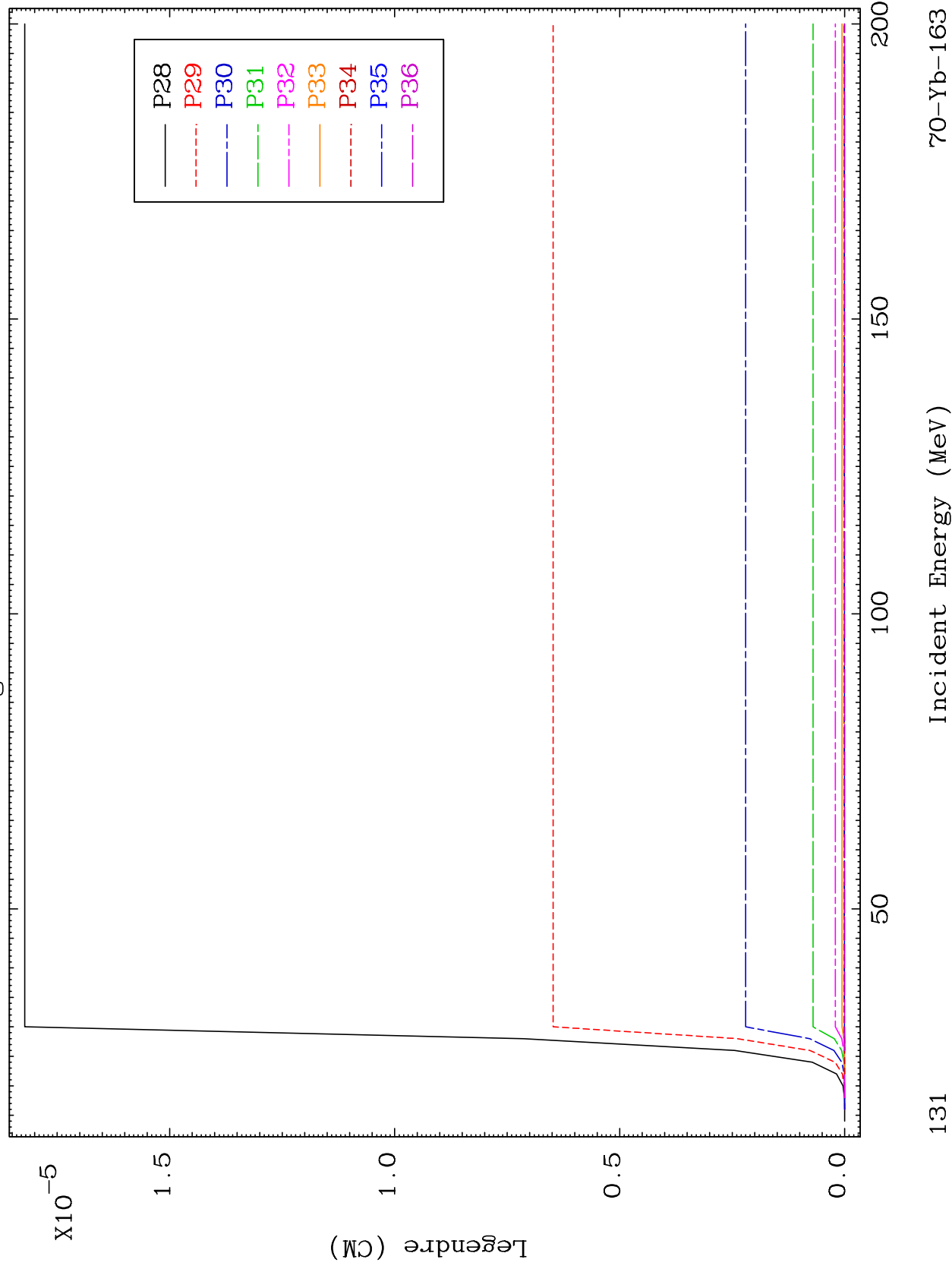


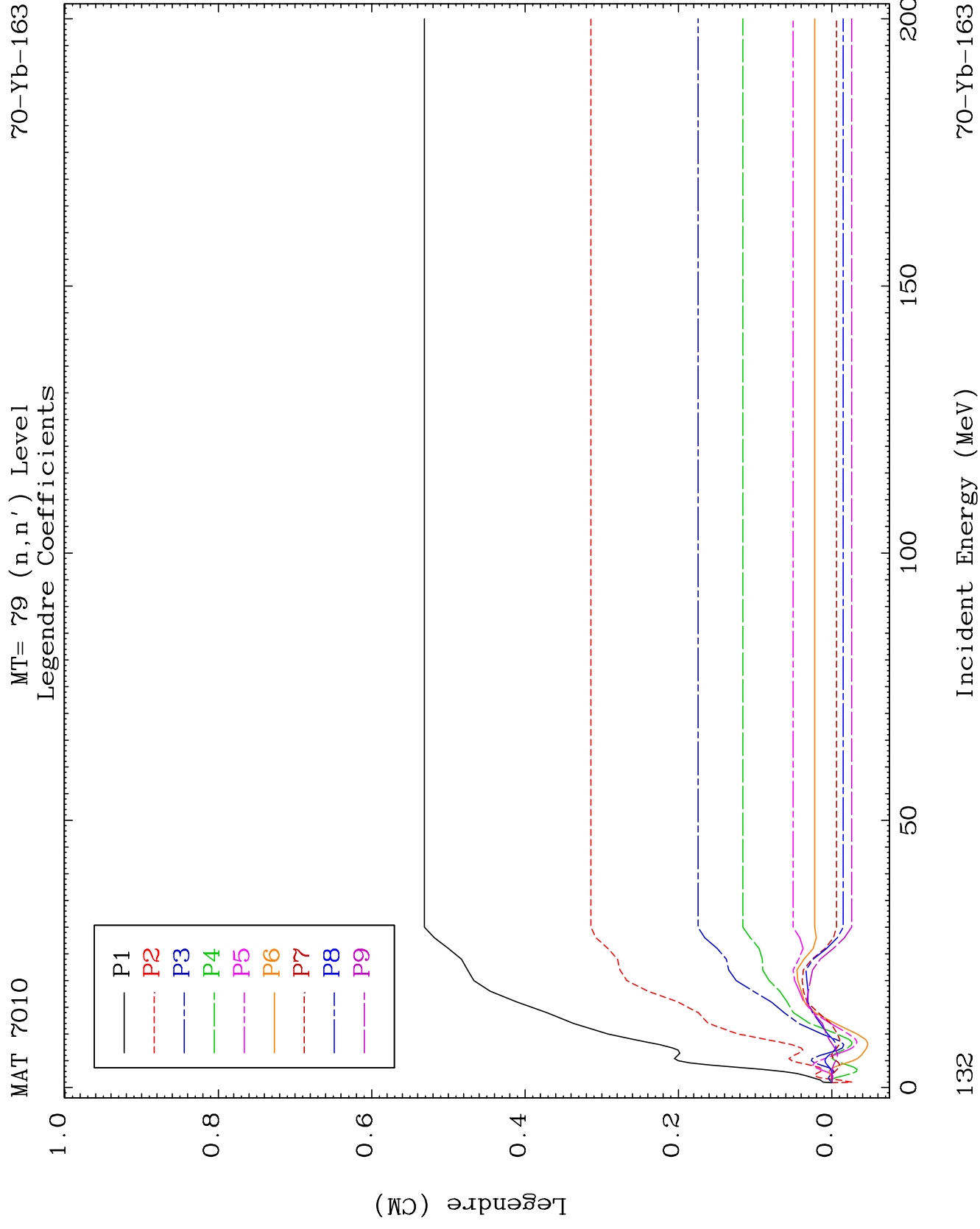


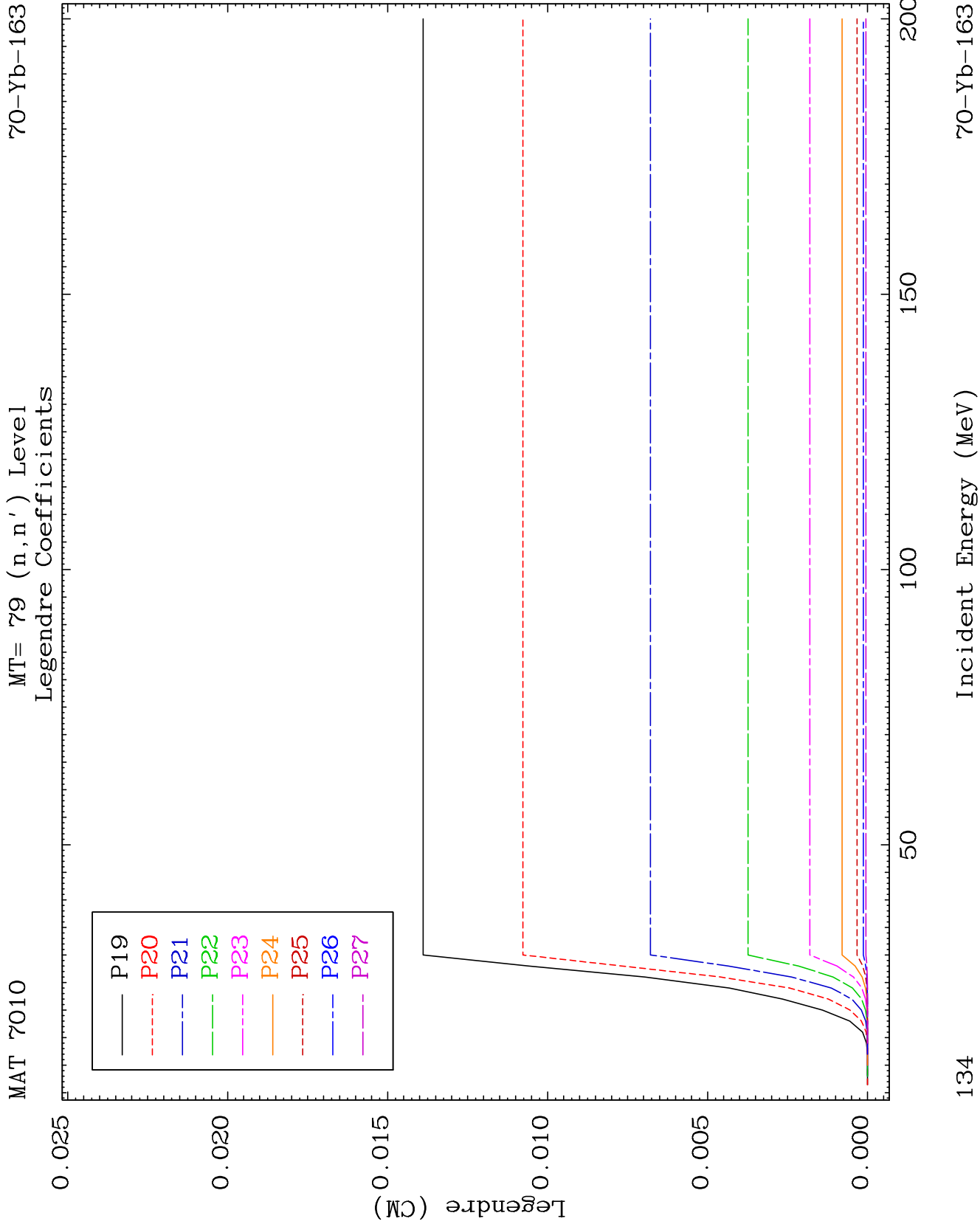
MAT 7010

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

70-Yb-163



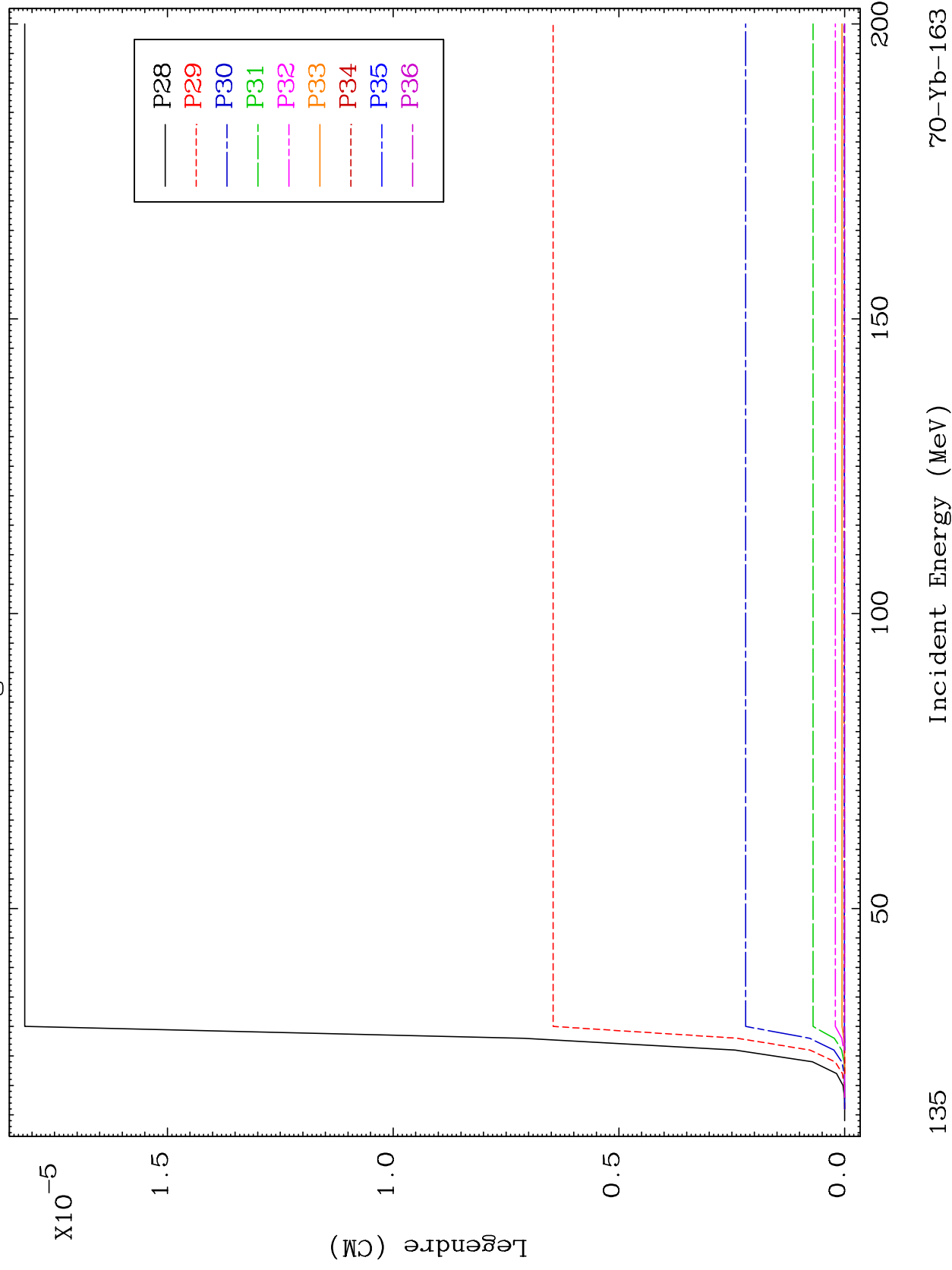


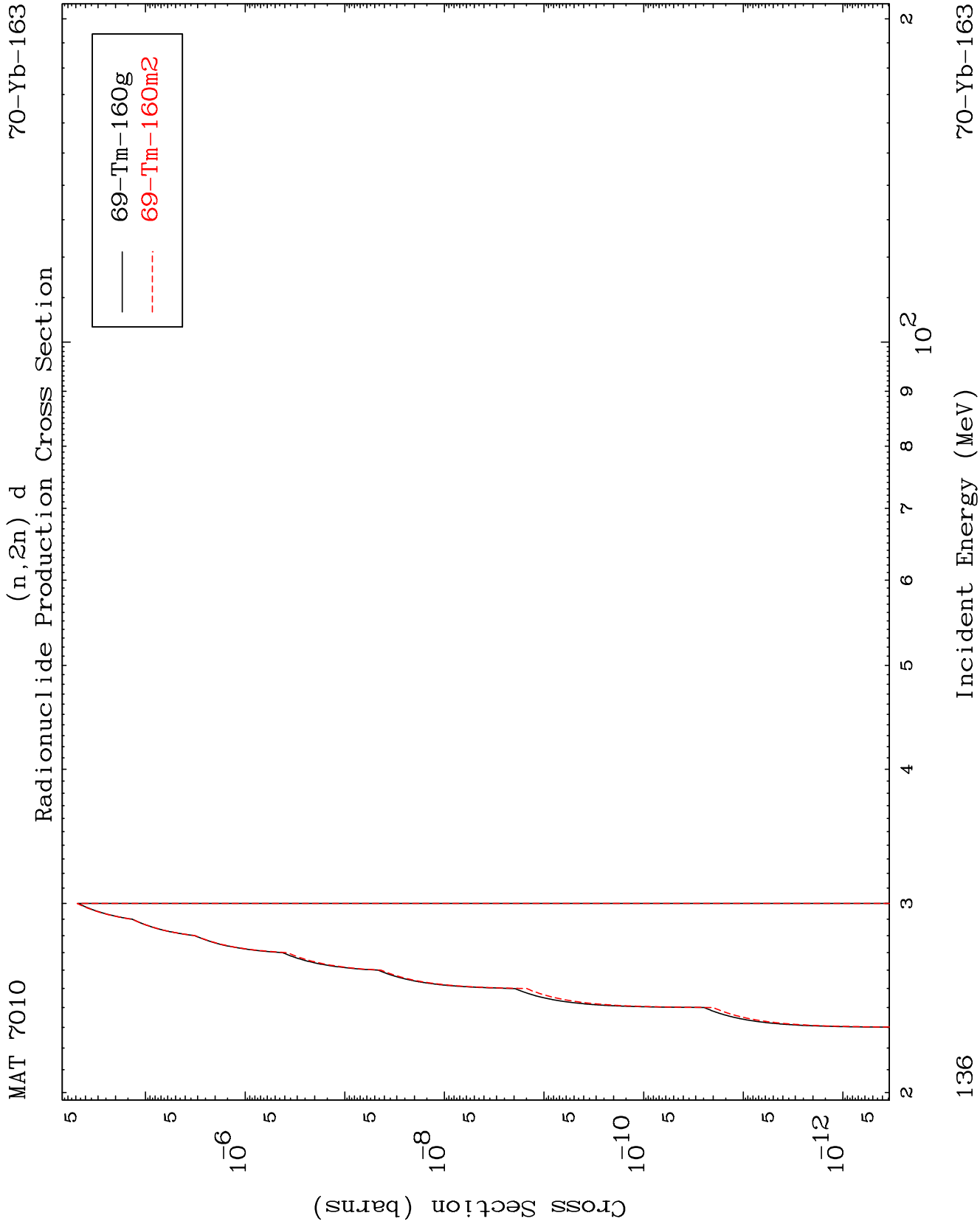


MAT 7010

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

70-Yb-163



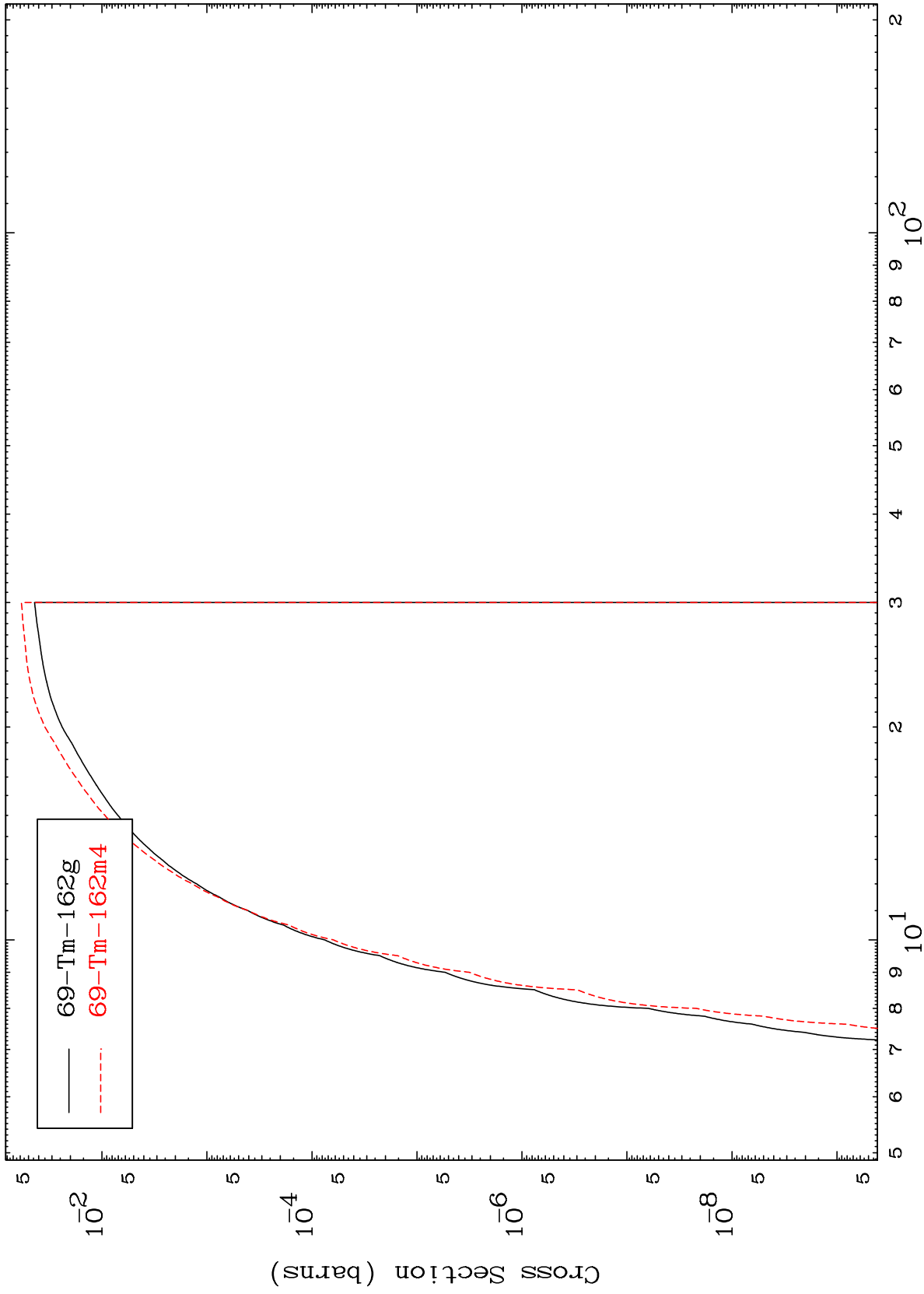


MAT 7010

(n,n') p

⁷⁰Yb-¹⁶³

Radionuclide Production Cross Section



137

Incident Energy (MeV)

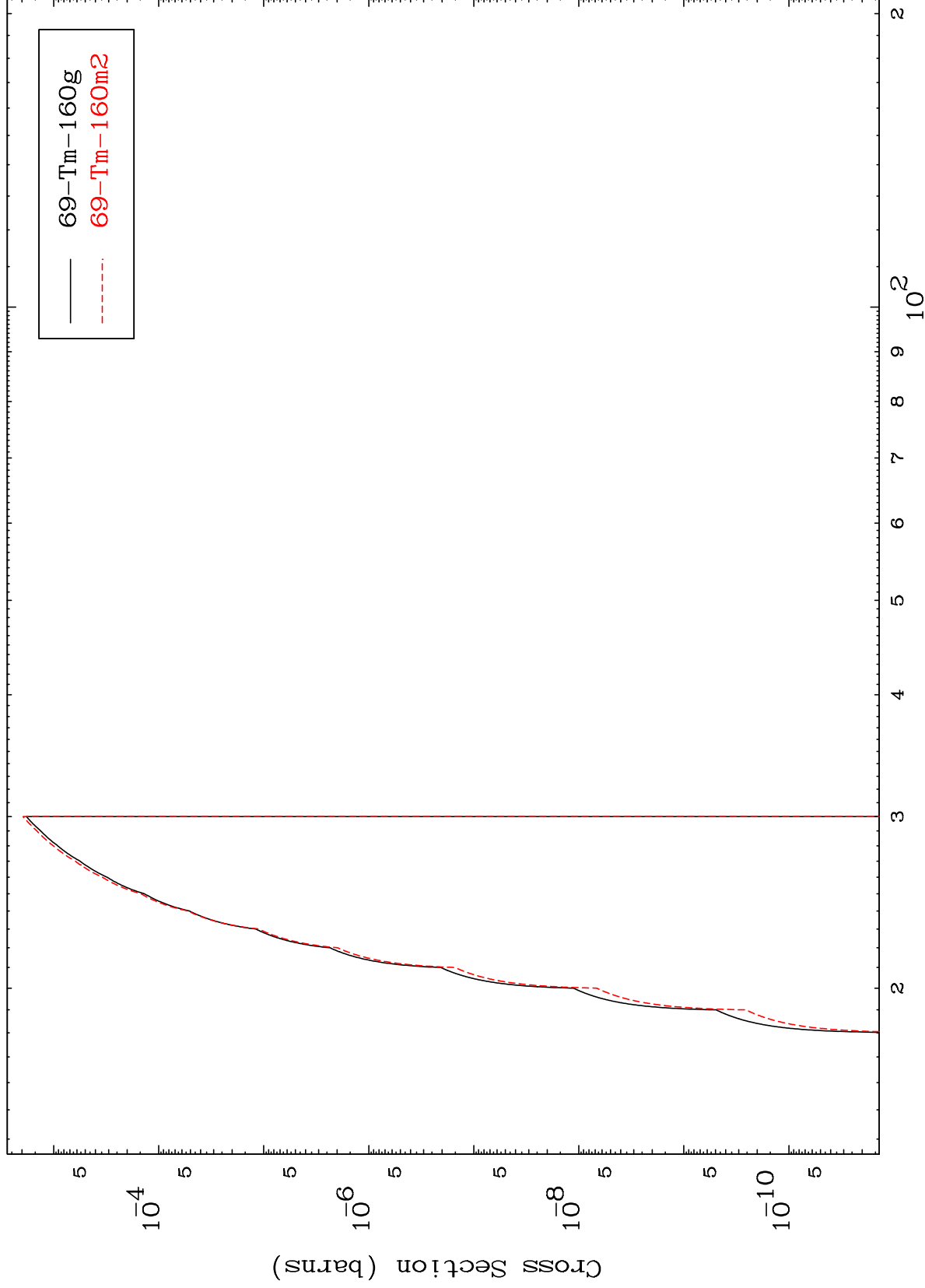
⁷⁰Yb-¹⁶³

MAT 7010

(n,n') t

70-Yb-163

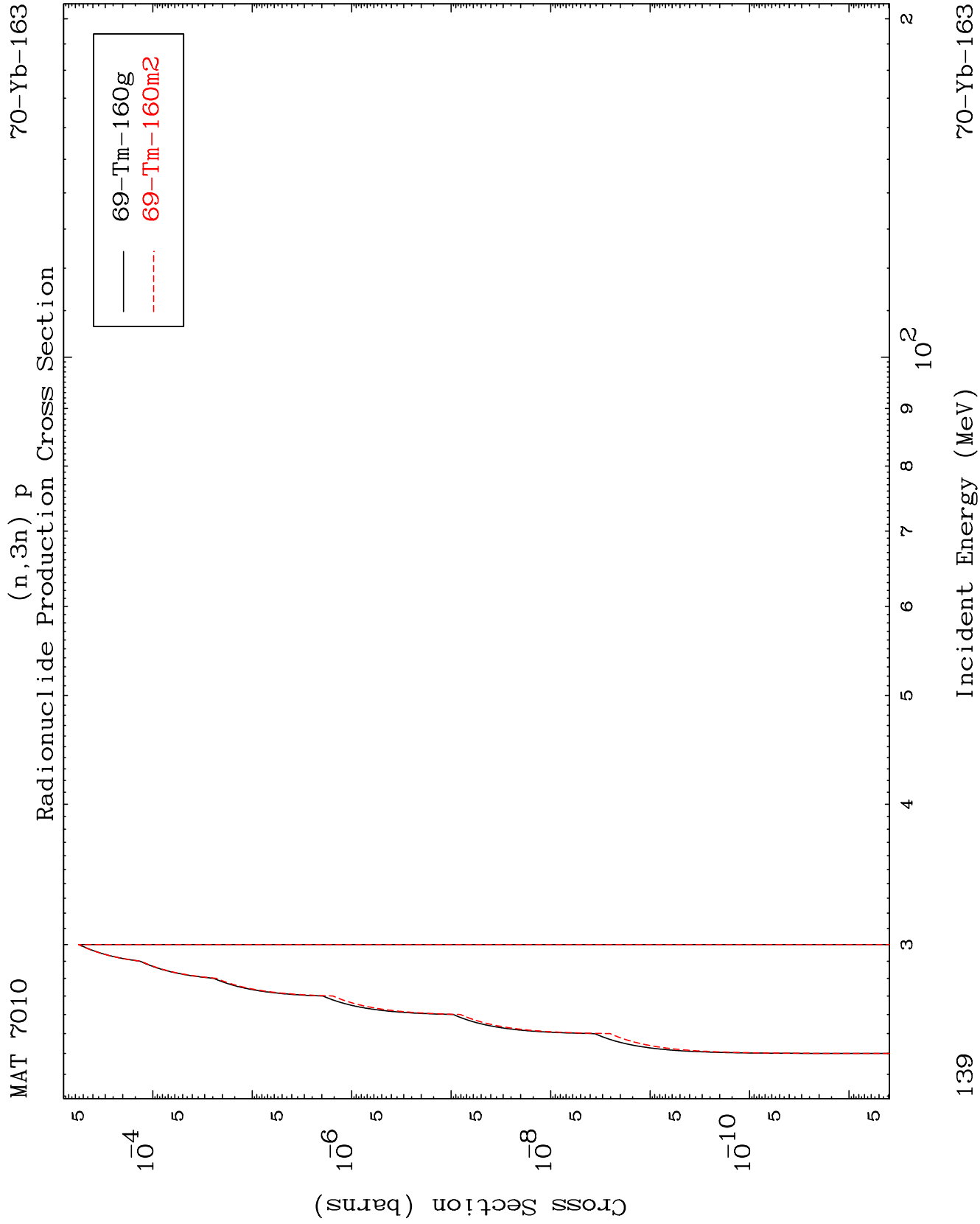
Radionuclide Production Cross Section

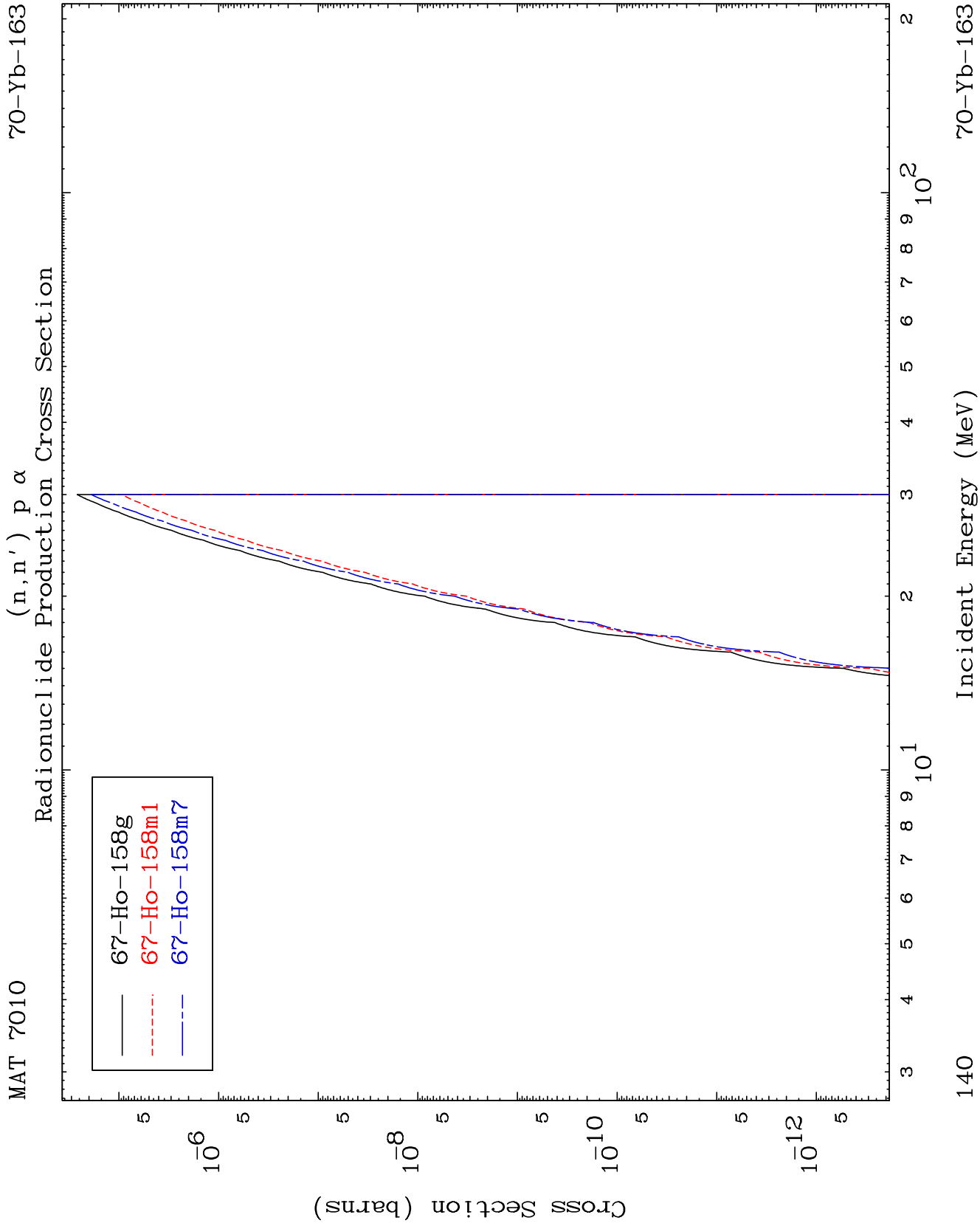


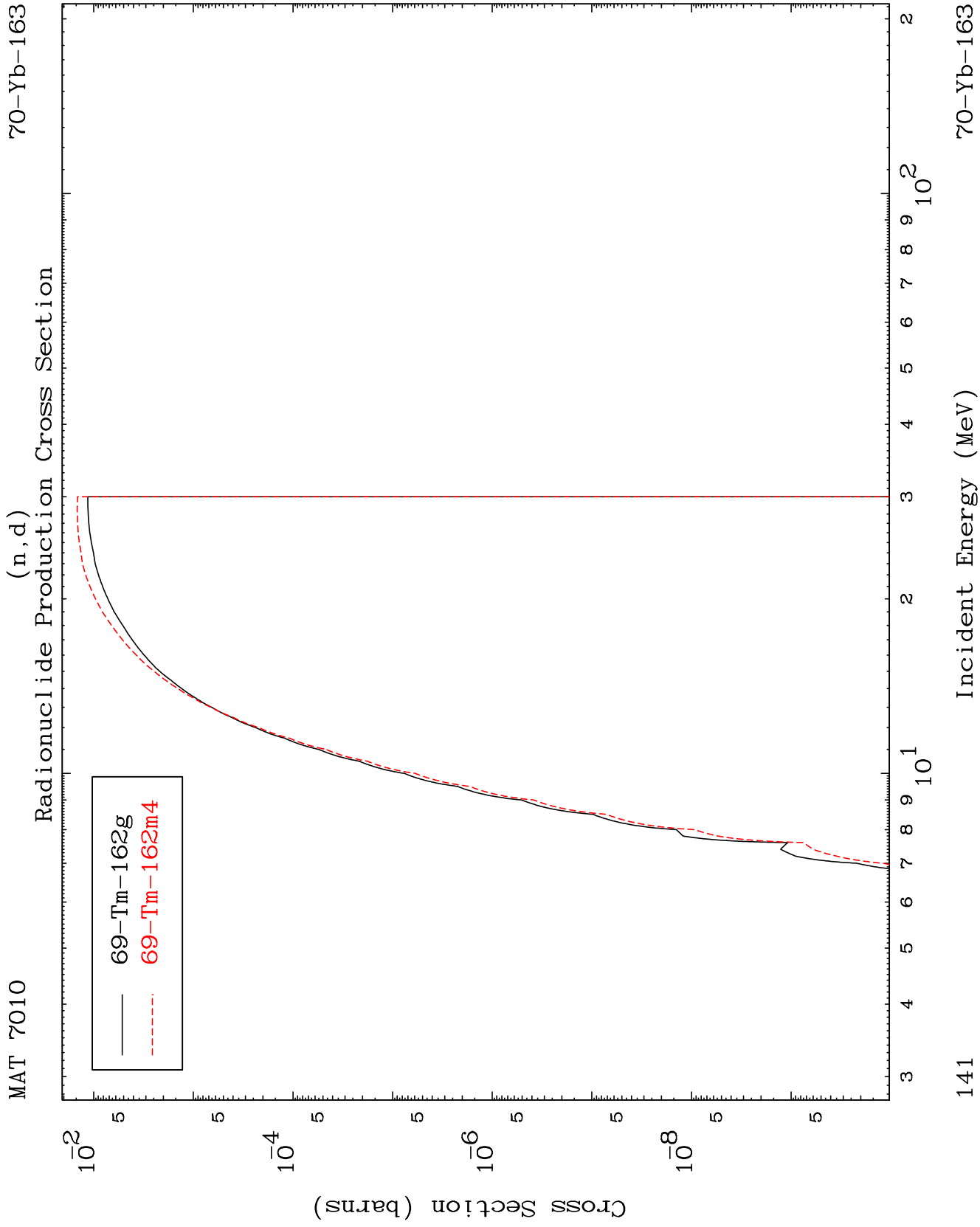
138

Incident Energy (MeV)

70-Yb-163





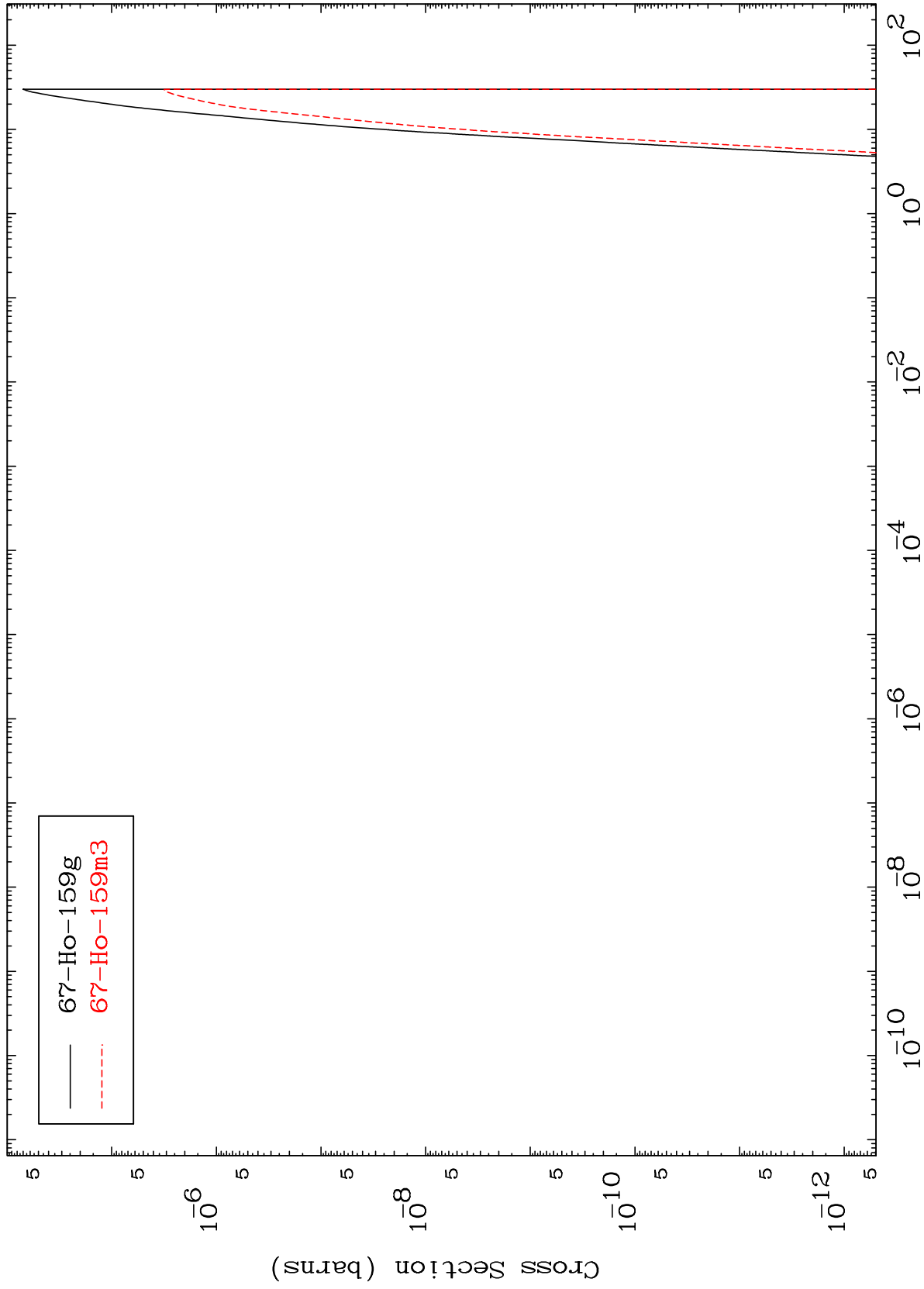


MAT 7010

(n,p) α

70-Yb-163

Radionuclide Production Cross Section



142

Incident Energy (MeV)

70-Yb-163

