

Program EVALPLOT
(Version 2017-1)

by

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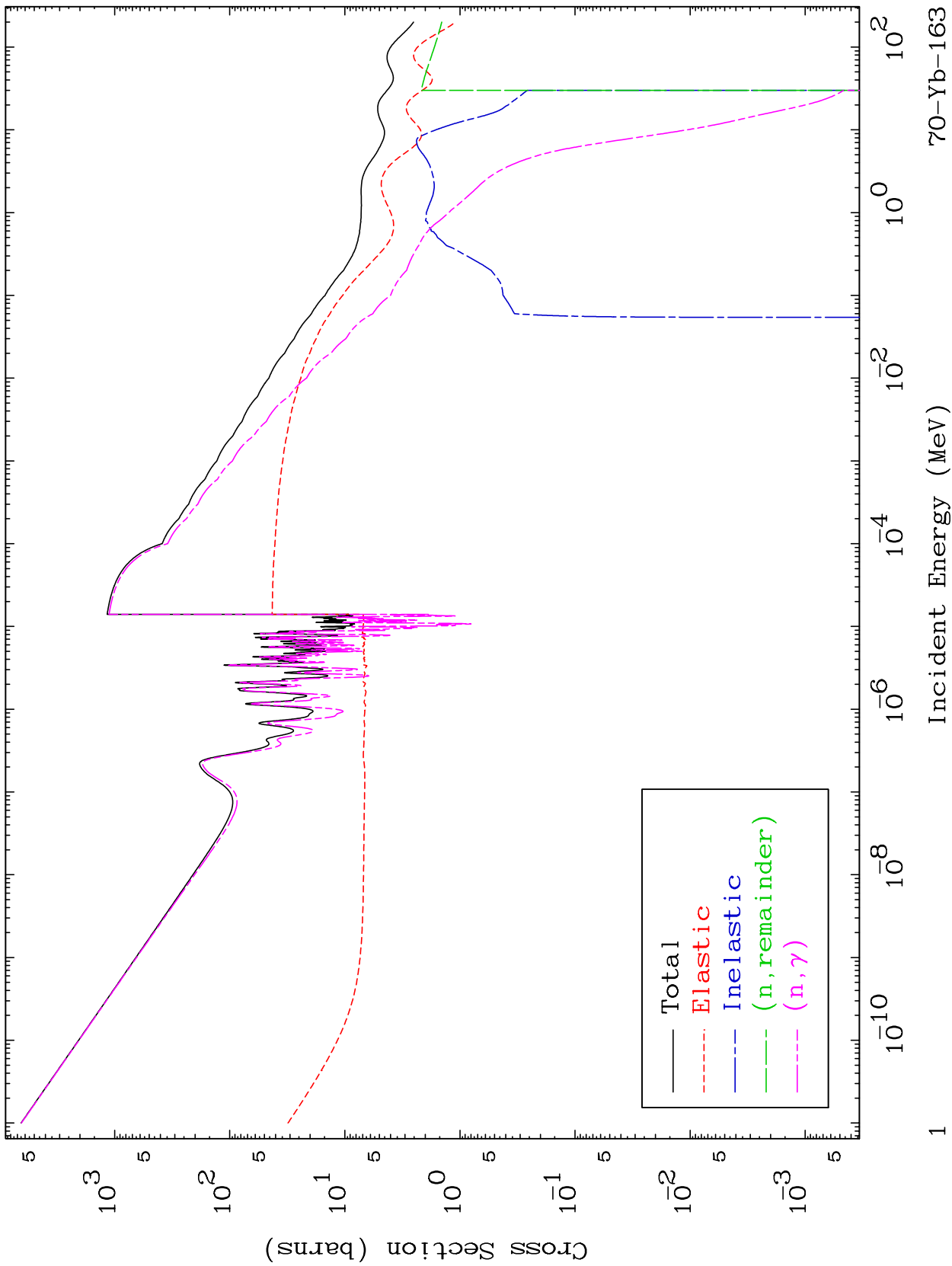
Press Mouse Button to Start

MAT 7010

Major

293 Kelvin Cross Sections

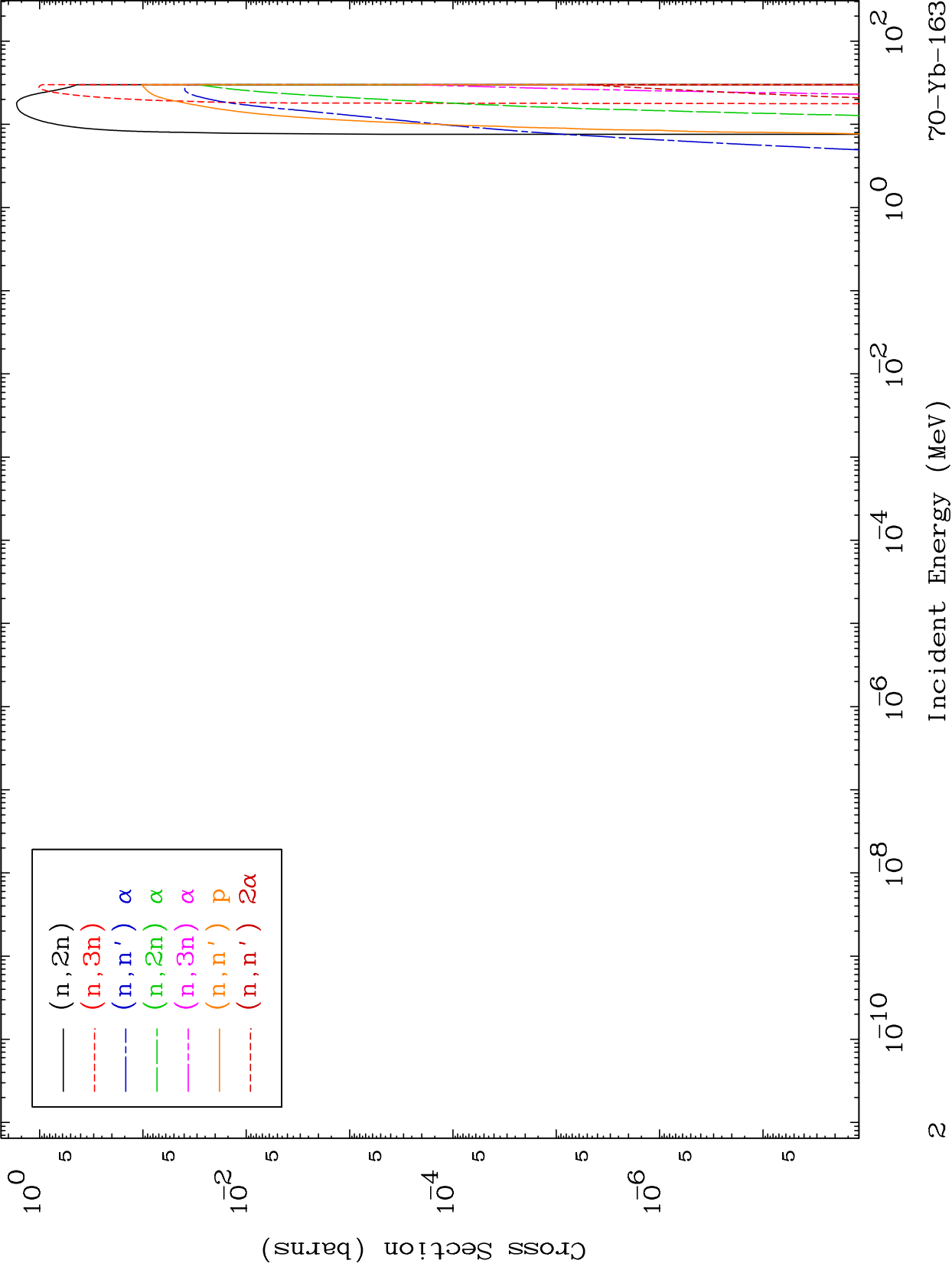
70-Yb-163

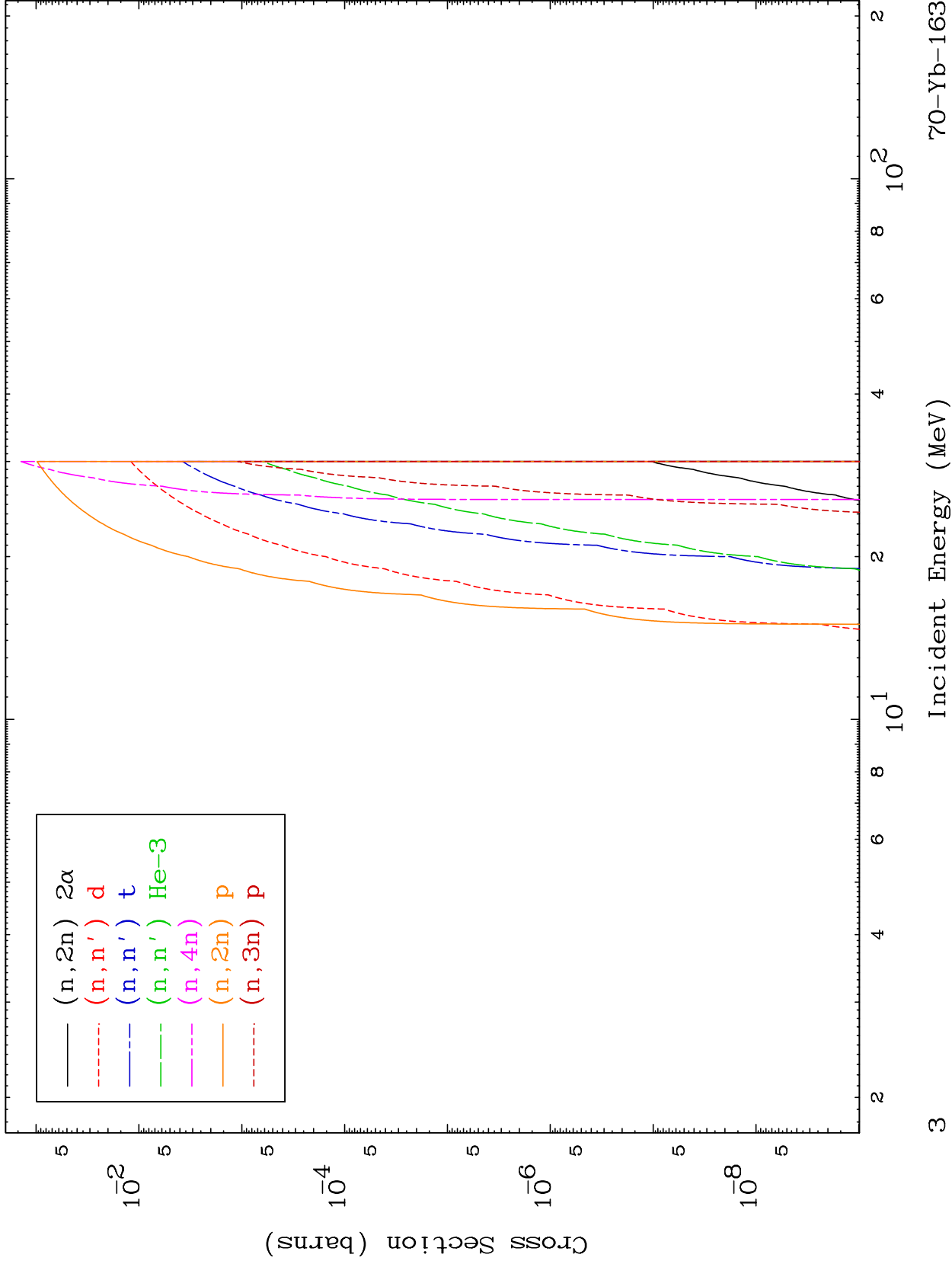


MAT 7010

Neutron Production
293 Kelvin Cross Sections

70-Yb-163

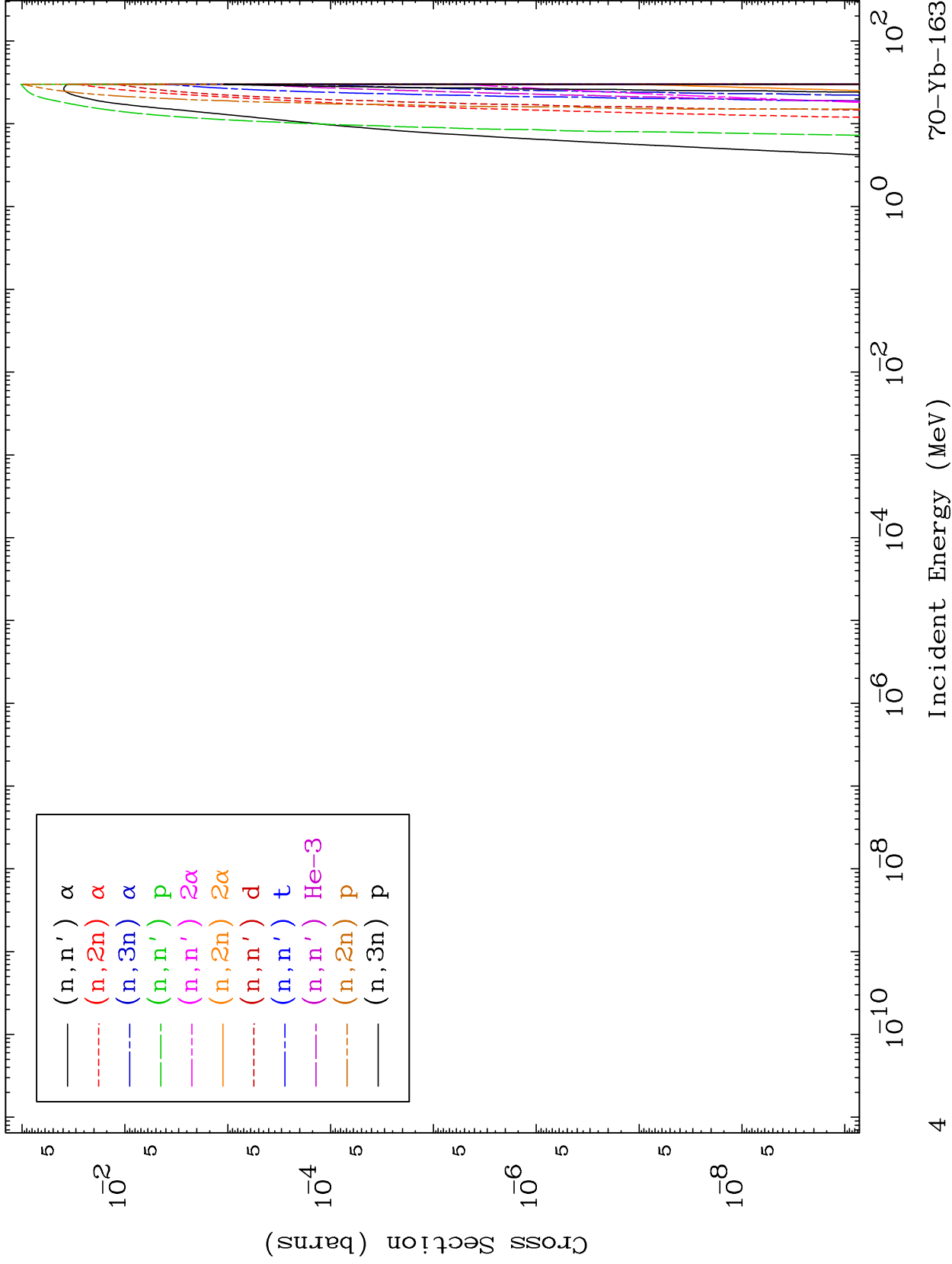




MAT 7010

Charged Particle
293 Kelvin Cross Sections

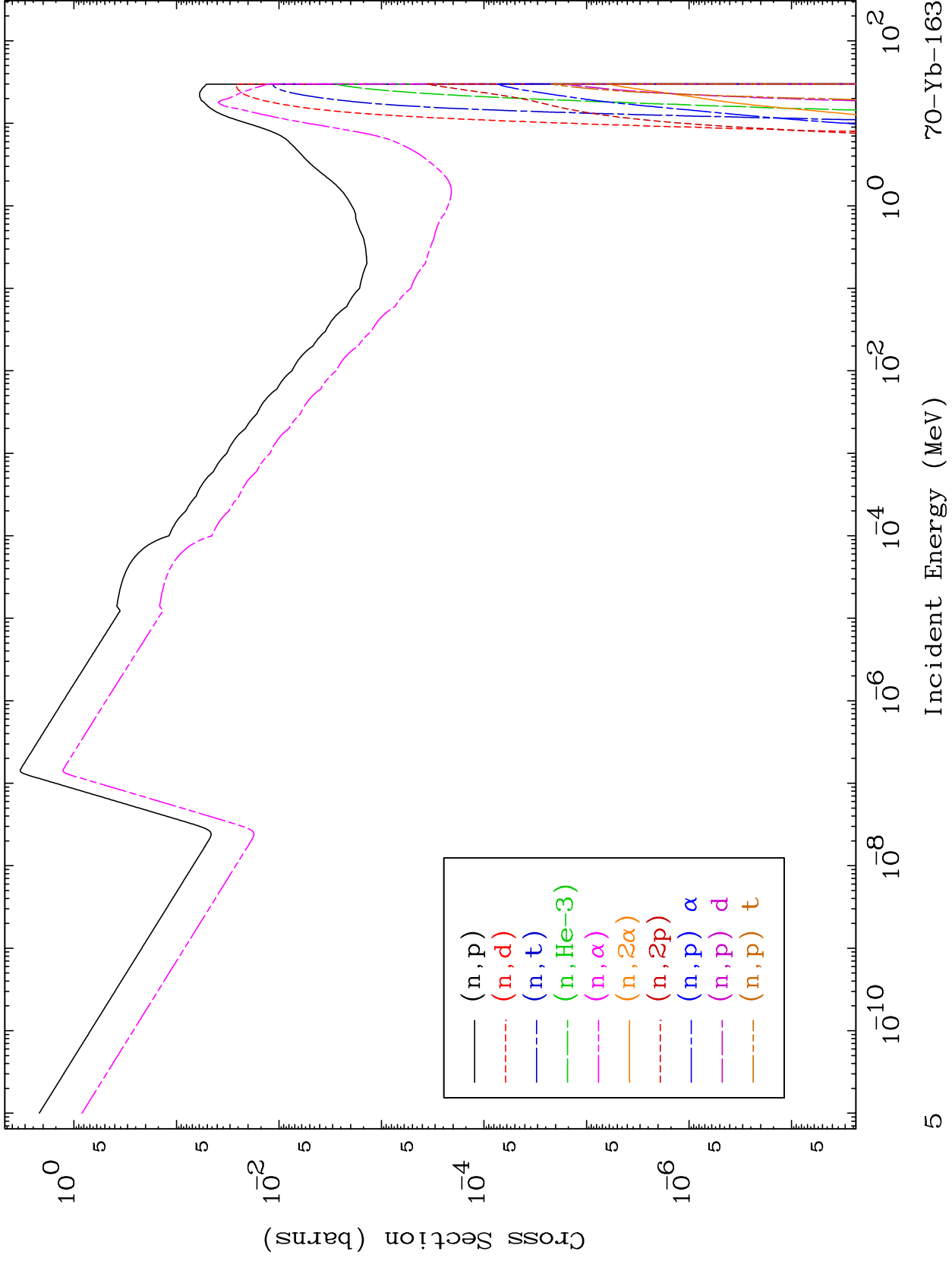
70-Yb-163



MAT 7010

Charged Particle
293 Kelvin Cross Sections

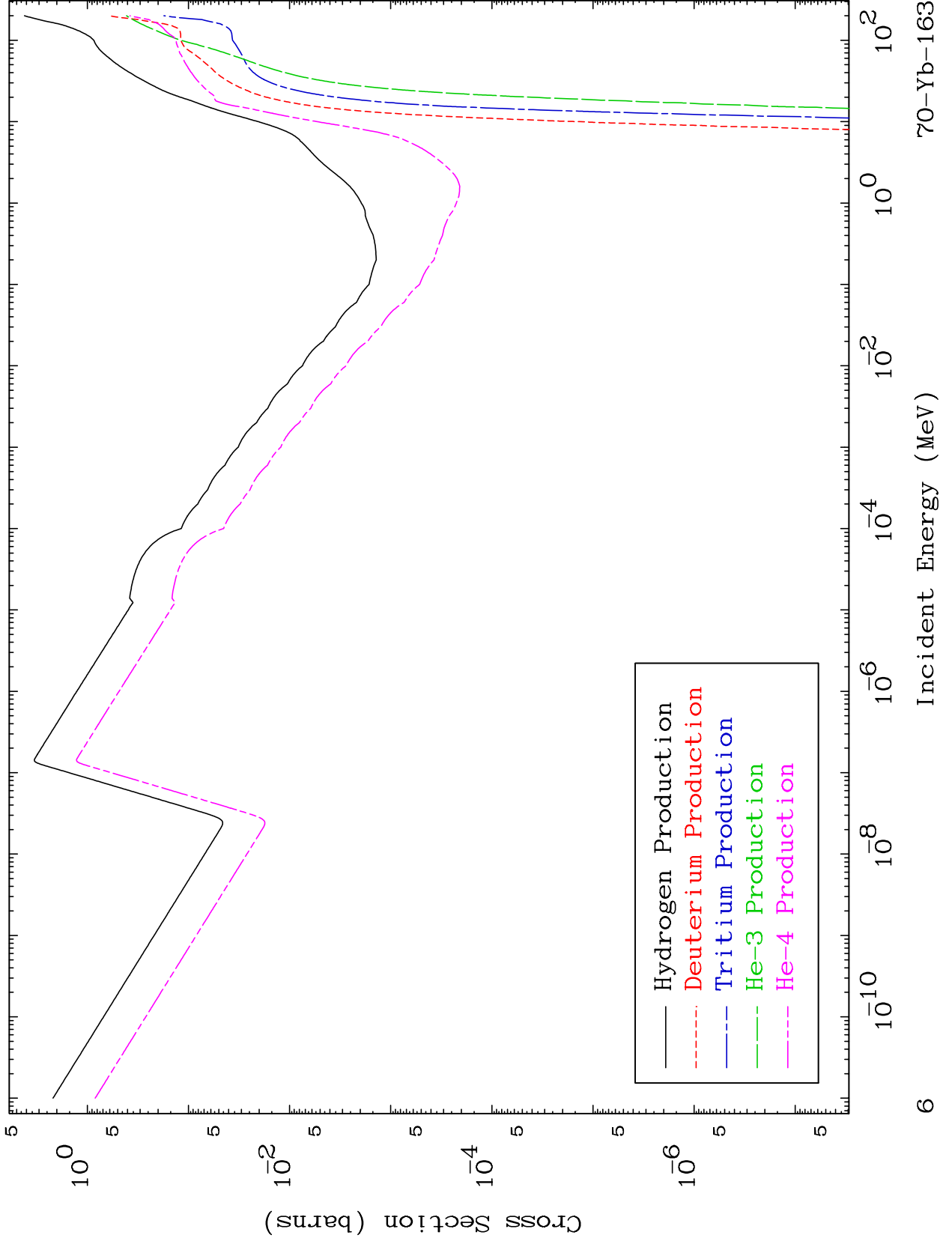
70-Yb-163



MAT 7010

Particle Production
293 Kelvin Cross Sections

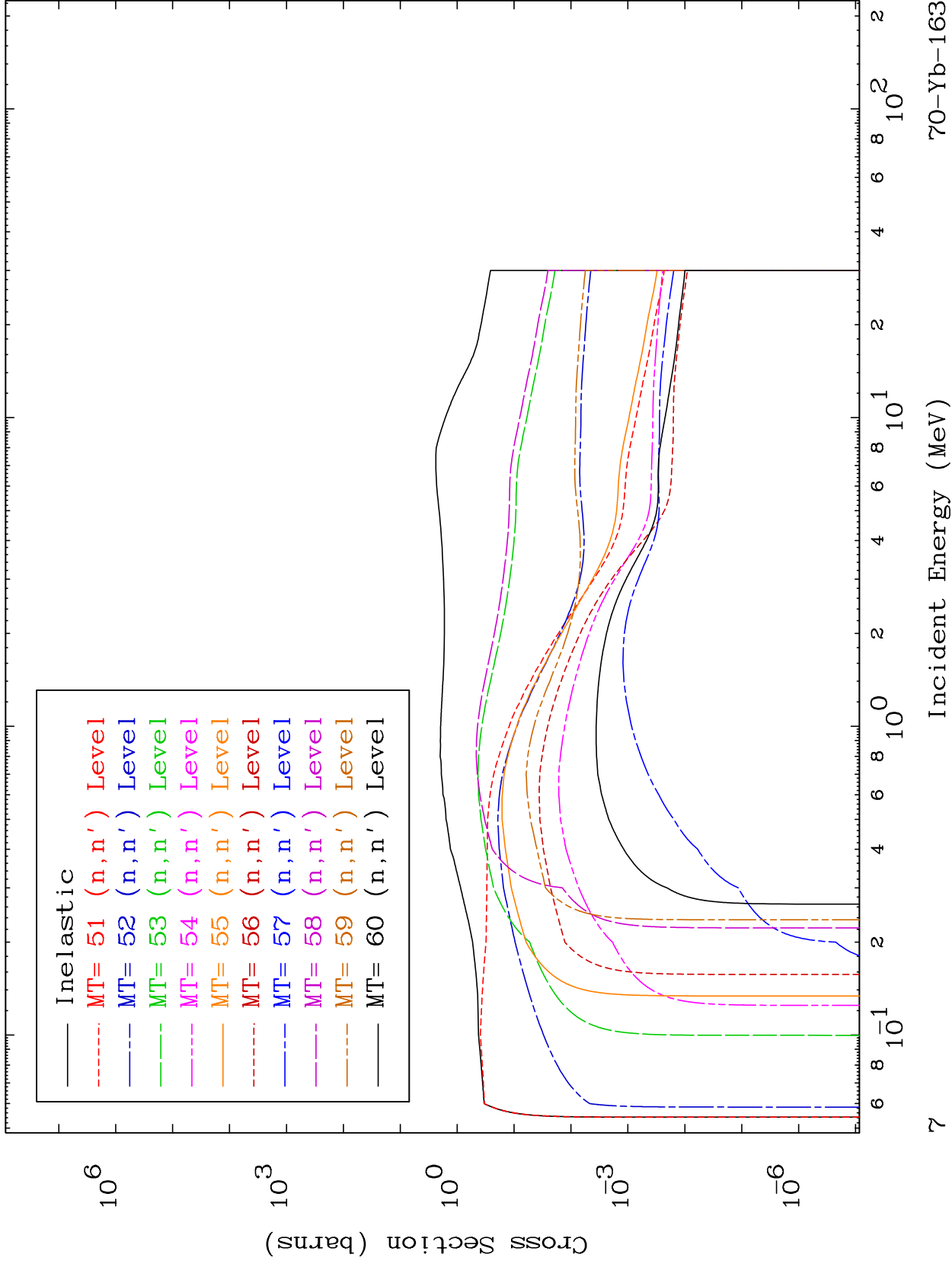
70-Yb-163



MAT 7010

(n,n') Level
293 Kelvin Cross Sections

70-Yb-163

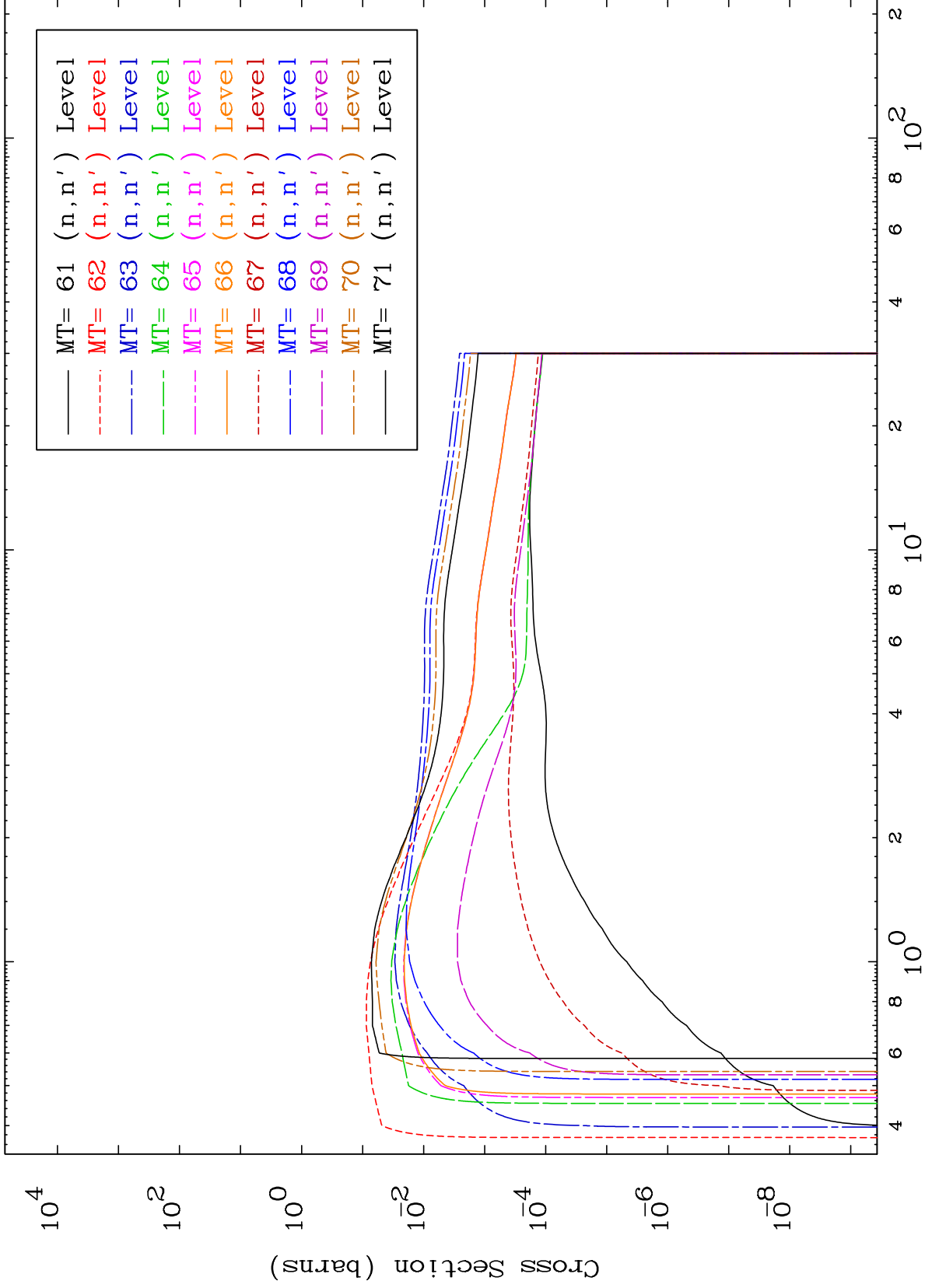


MAT 7010

(n,n') Level

293 Kelvin Cross Sections

70-Yb-163



8

Incident Energy (MeV)

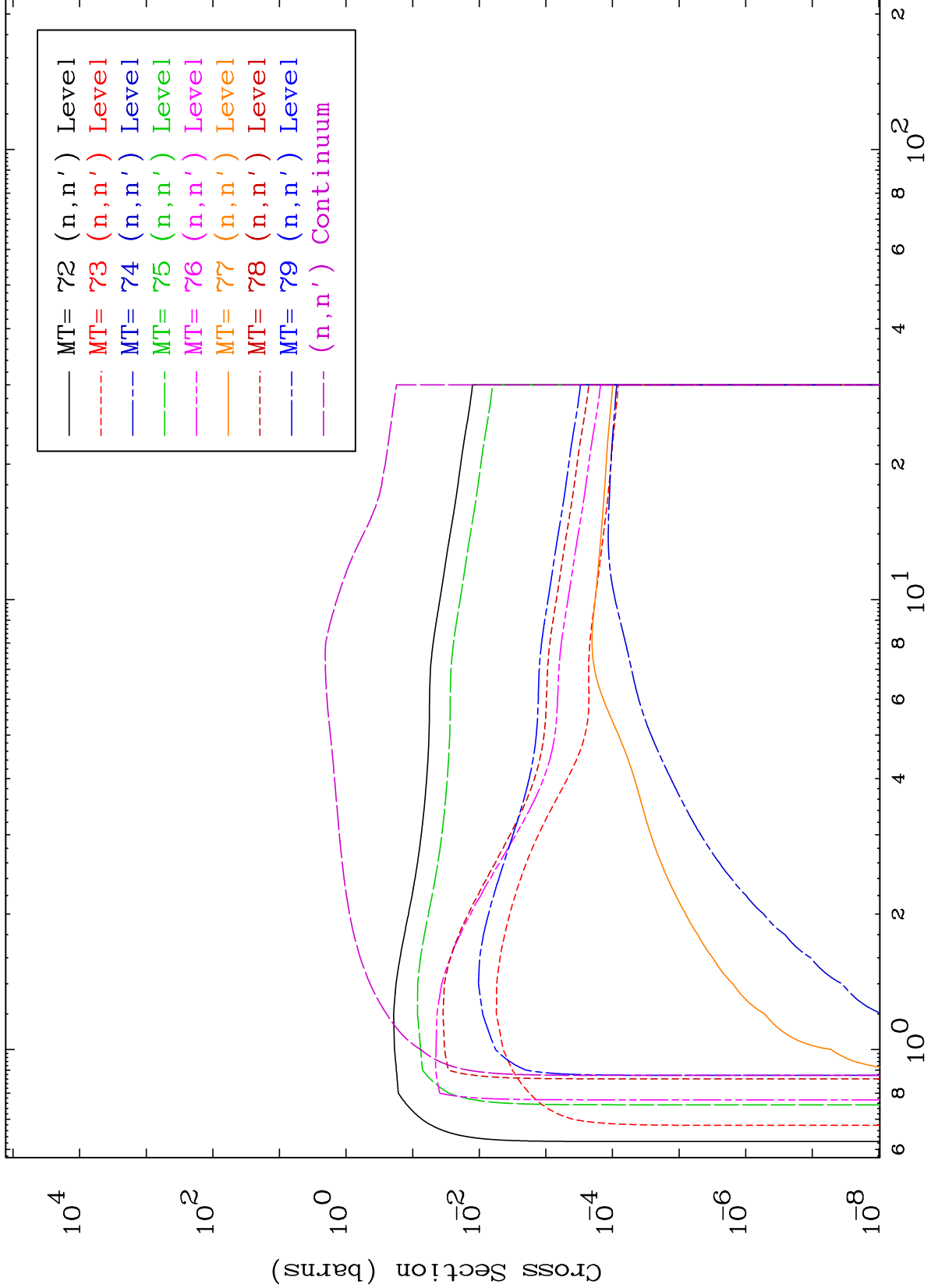
70-Yb-163

MAT 7010

(n,n') Level

70-Yb-163

293 Kelvin Cross Sections



9

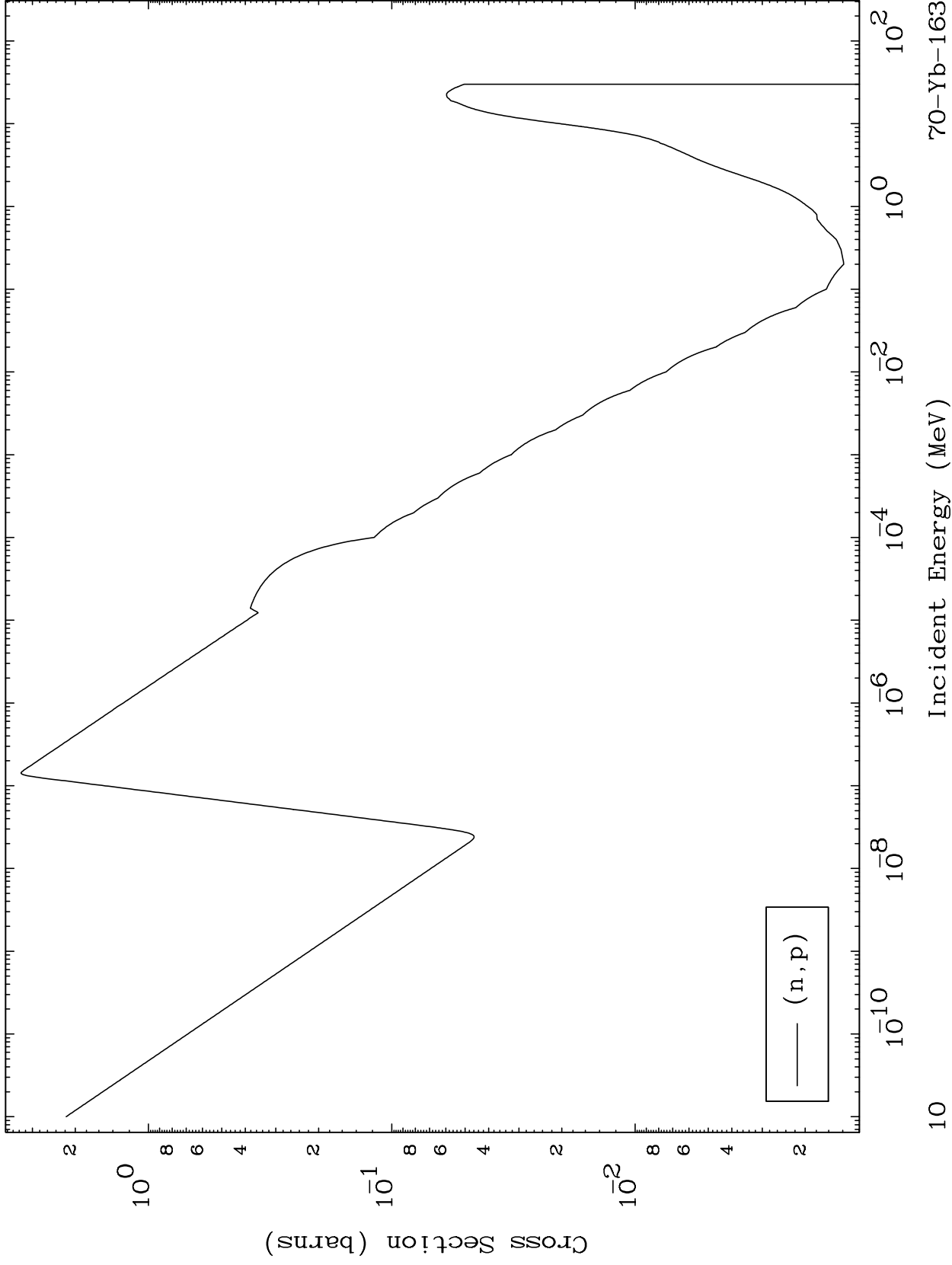
Incident Energy (MeV)

70-Yb-163

MAT 7010

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-163



10

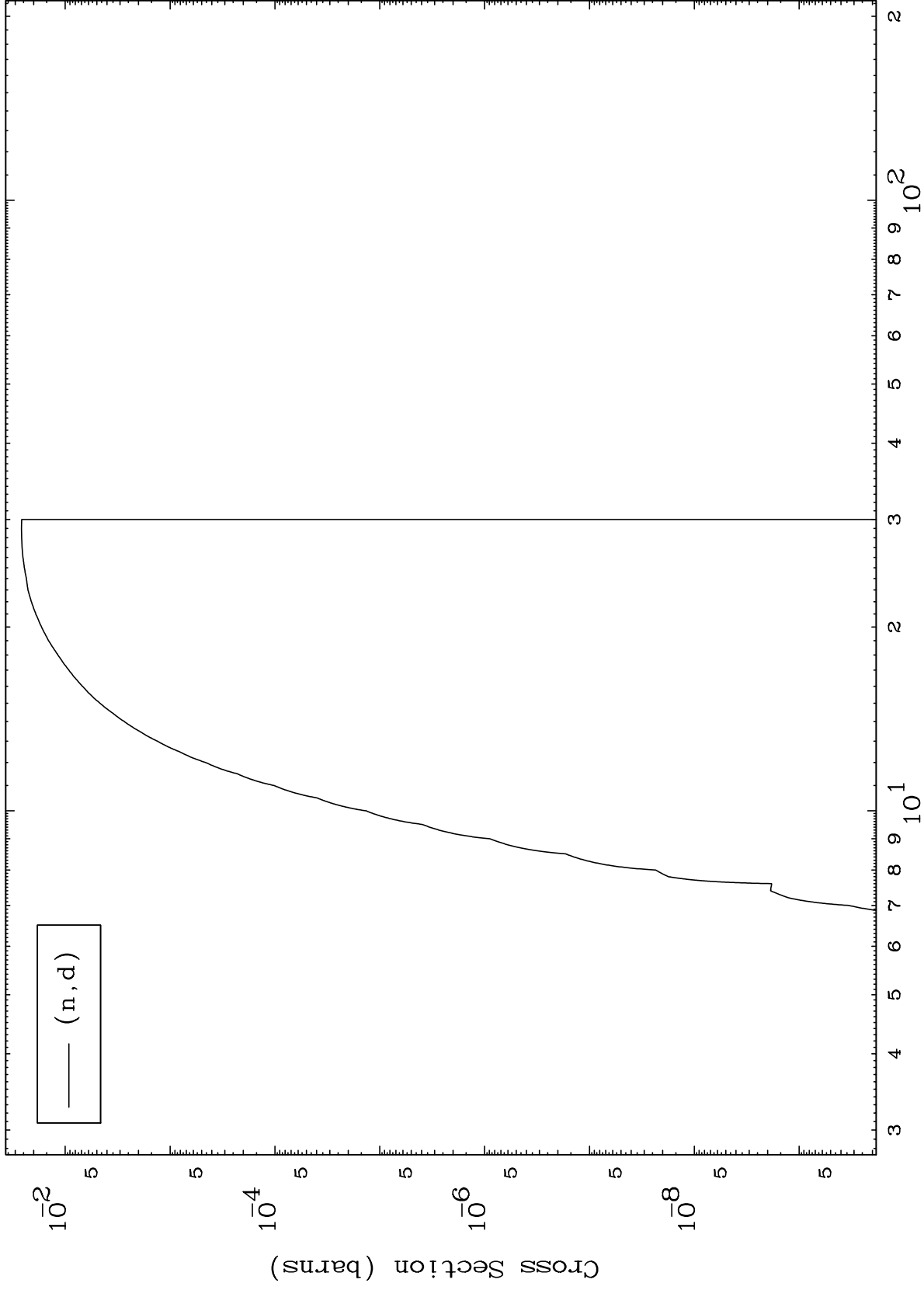
Incident Energy (MeV)

70-Yb-163

MAT 7010

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-163



11

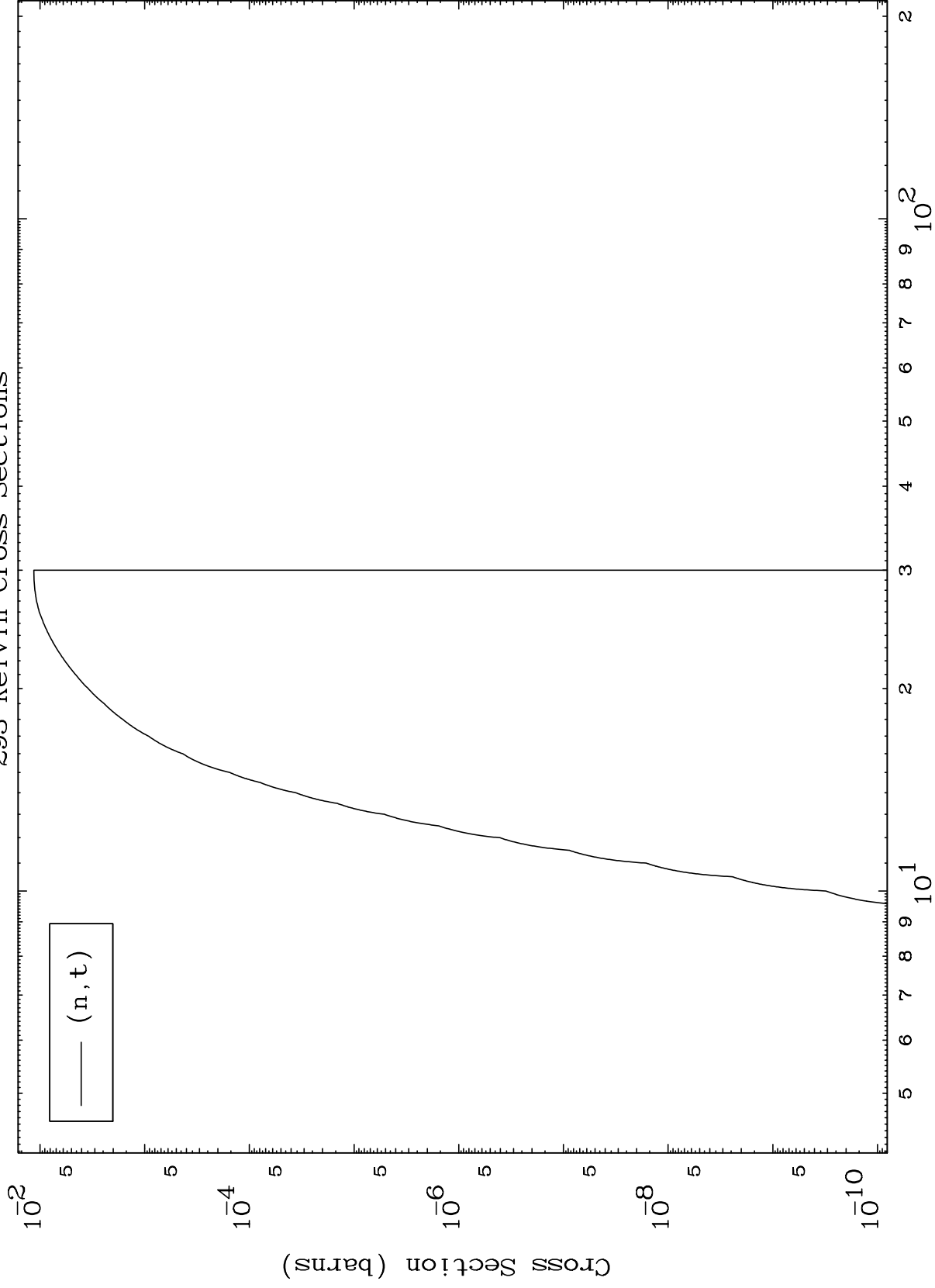
Incident Energy (MeV)

70-Yb-163

MAT 7010

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-163



12

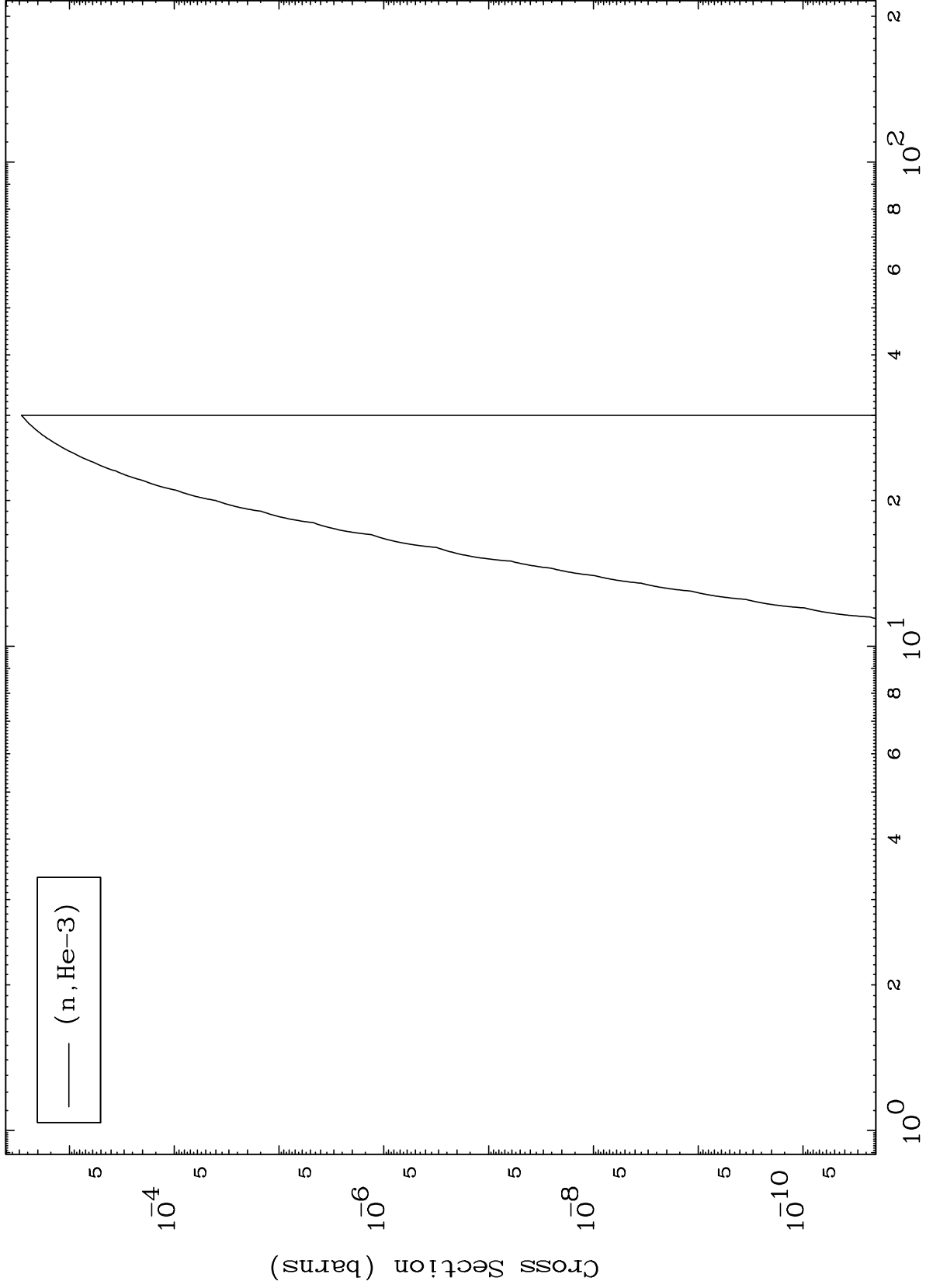
Incident Energy (MeV)

70-Yb-163

MAT 7010

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-163



13

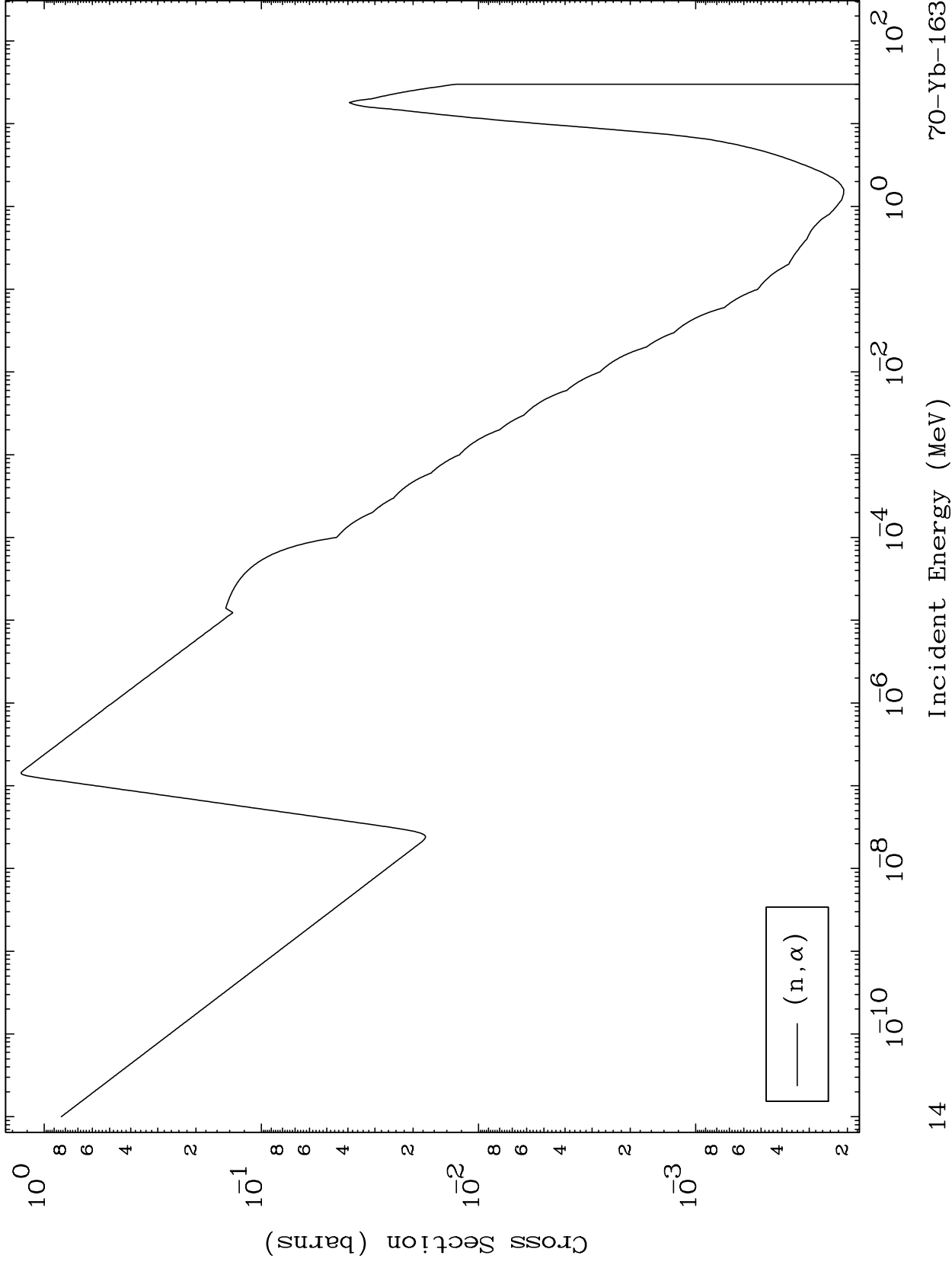
Incident Energy (MeV)

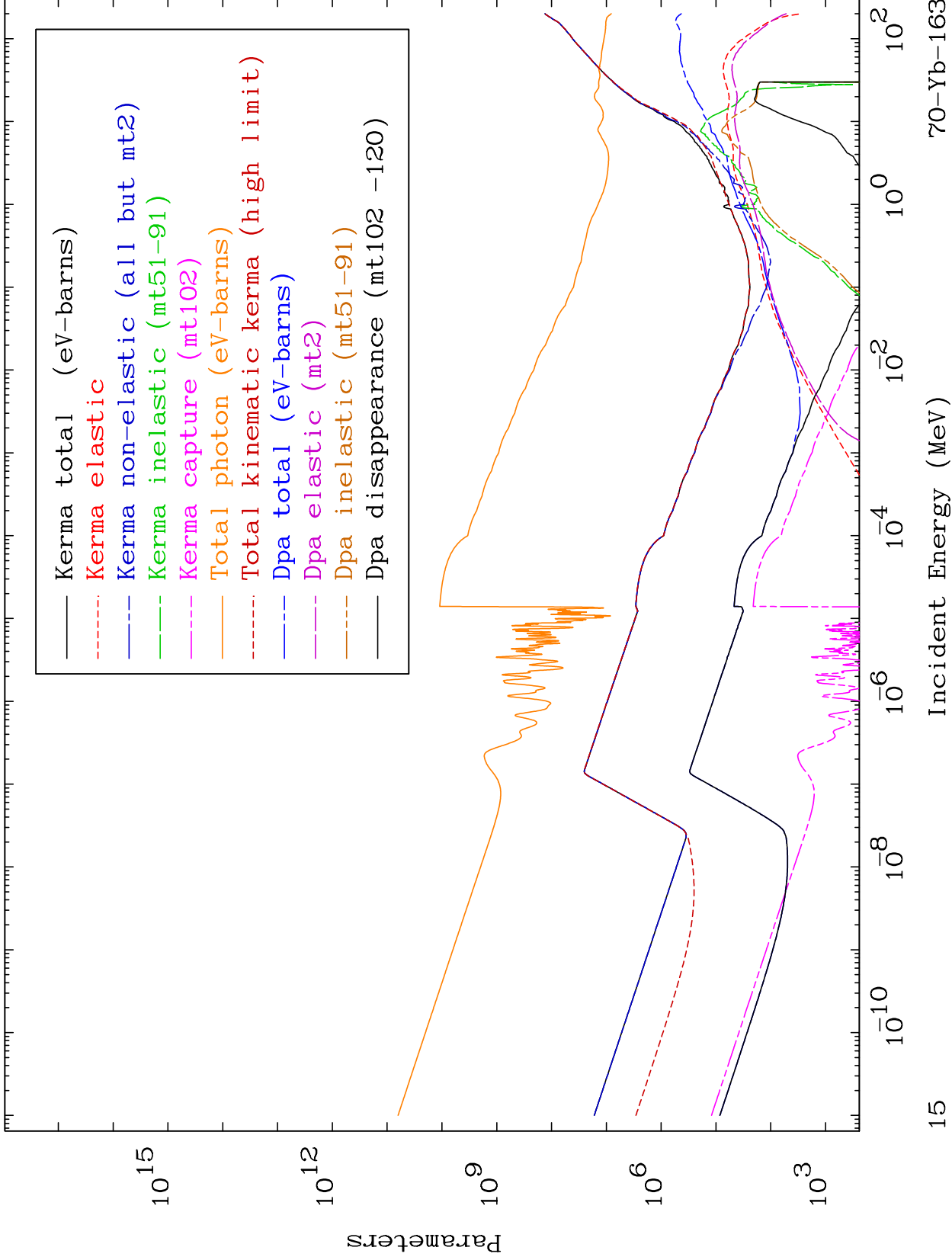
70-Yb-163

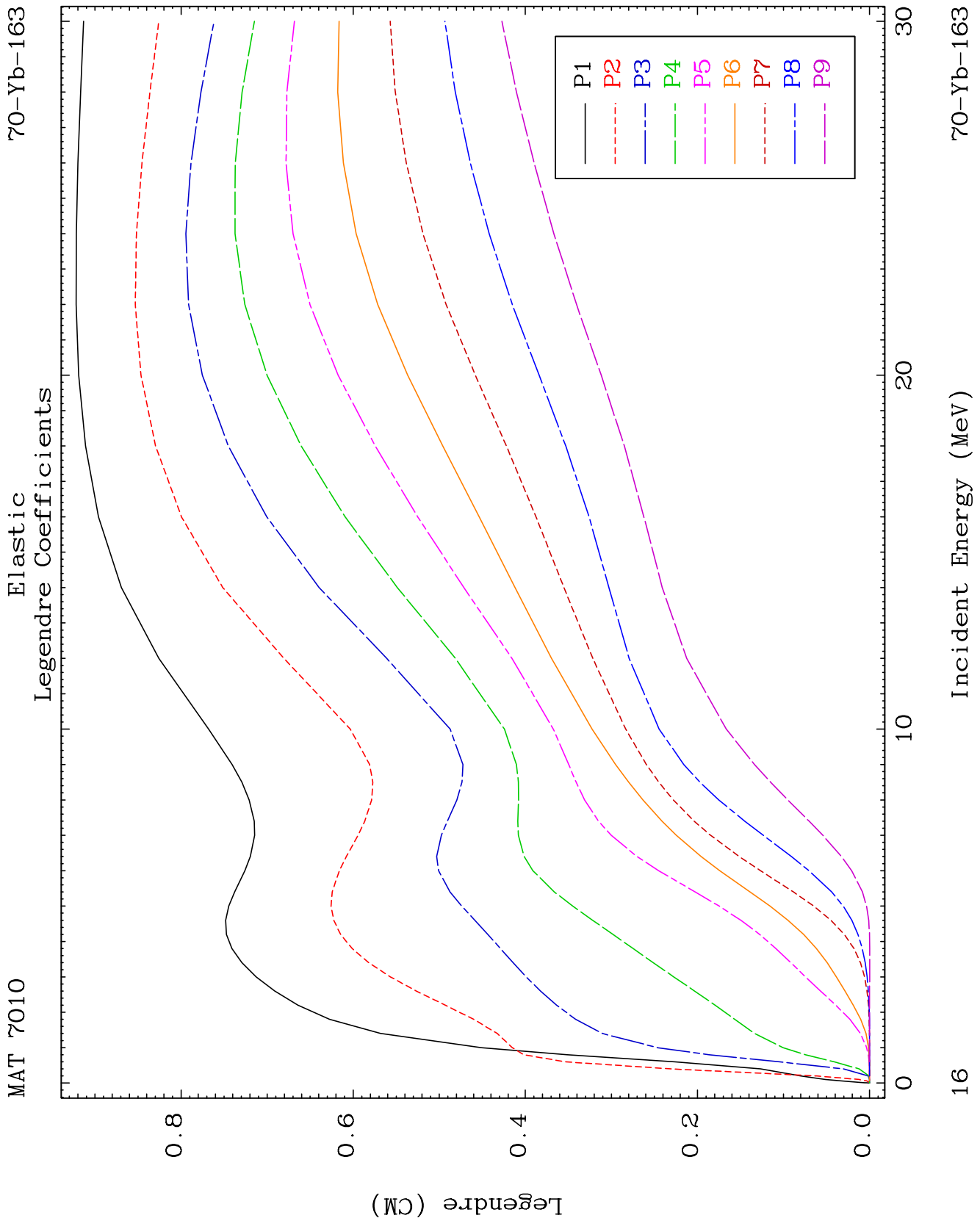
MAT 7010

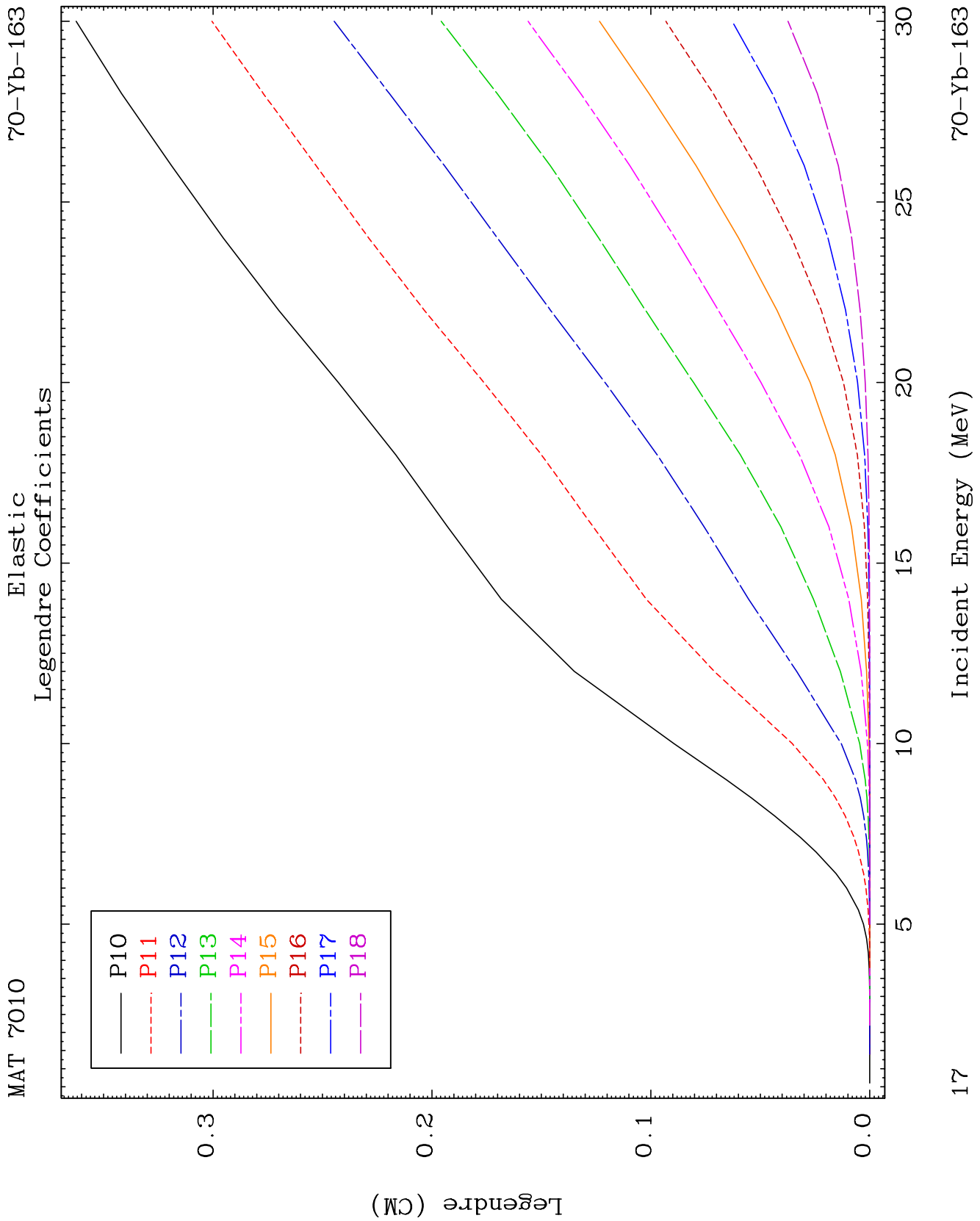
(n, α) Levels
293 Kelvin Cross Sections

70-Yb-163





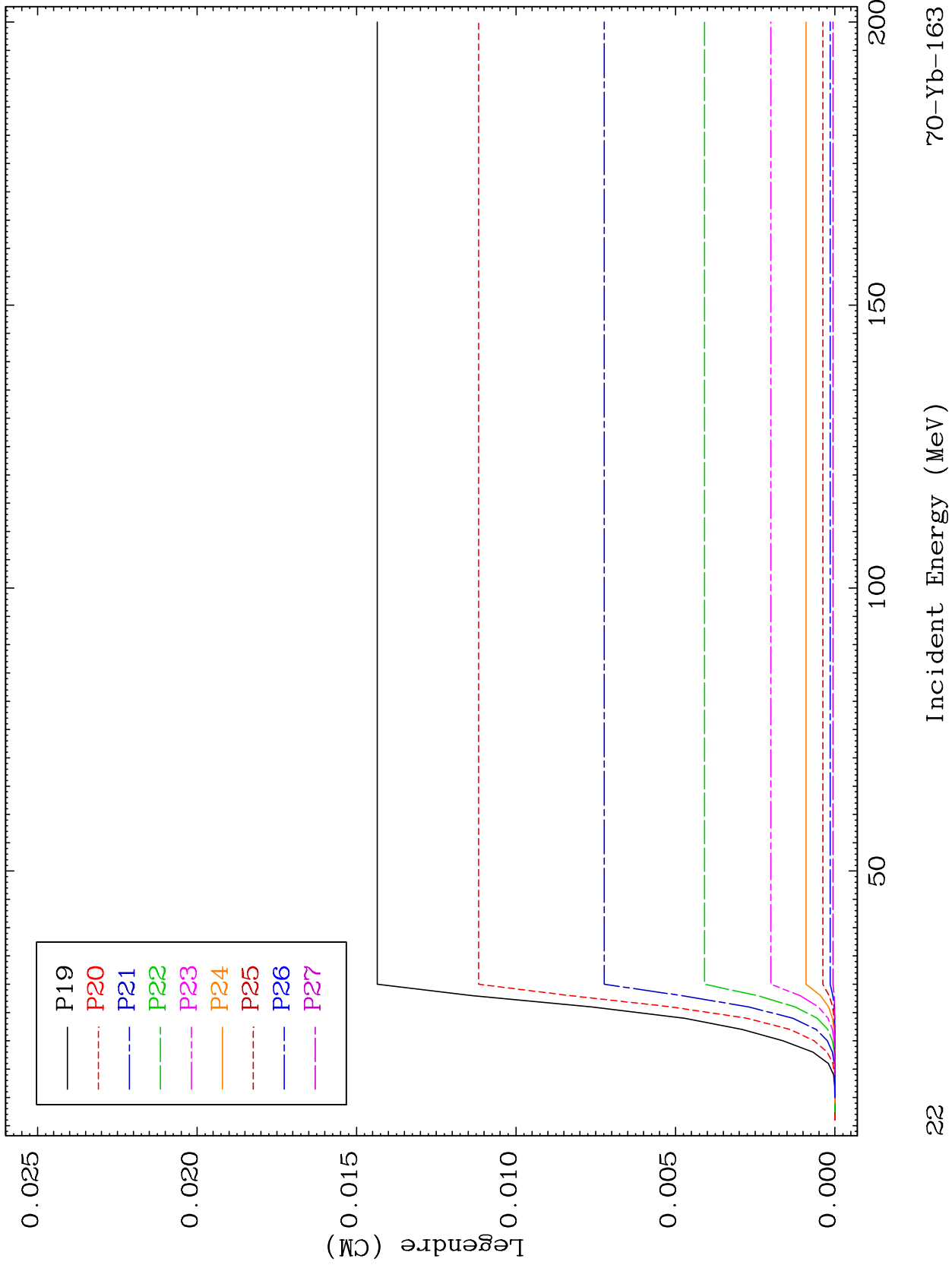




MAT 7010

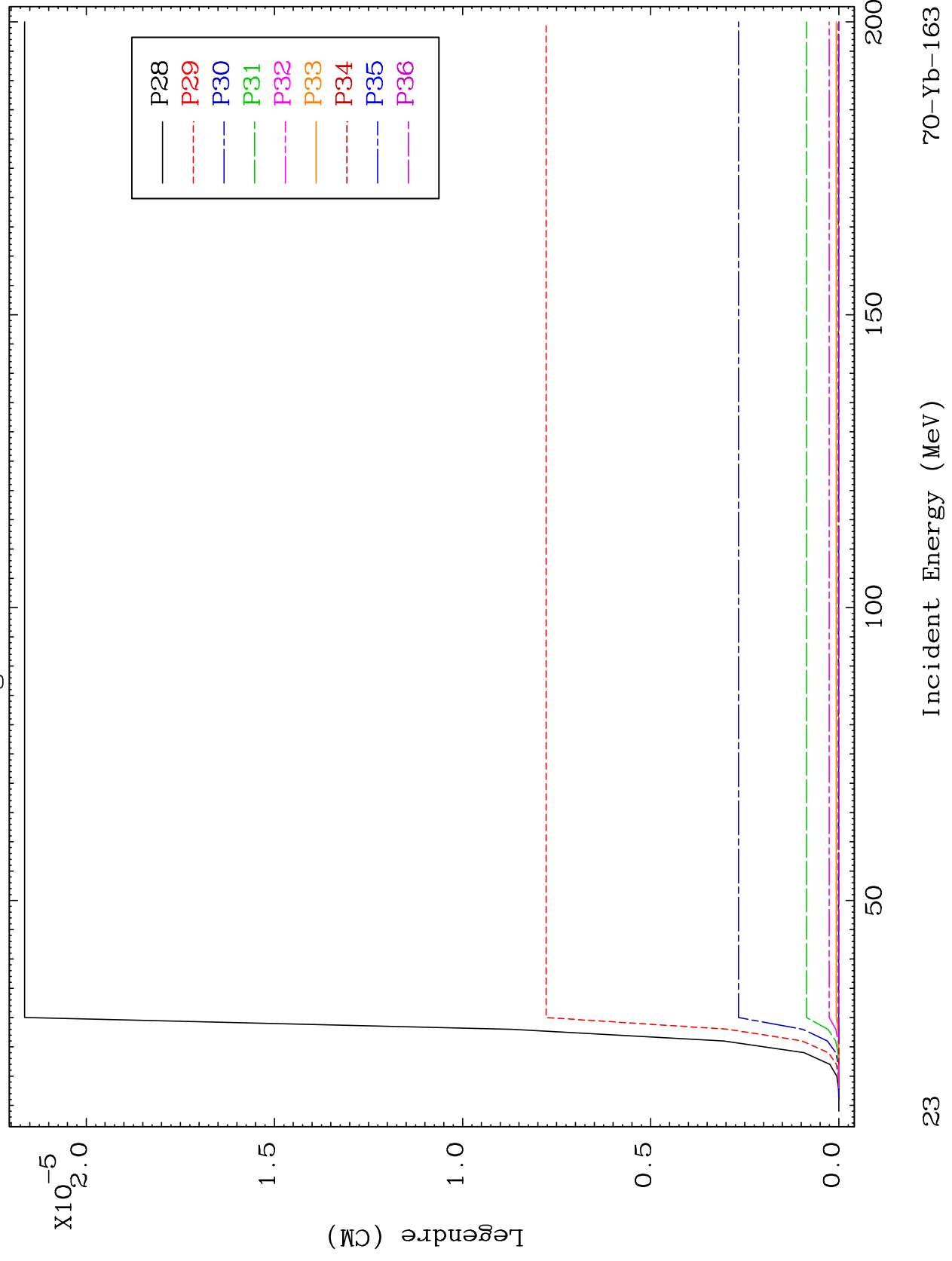
MT= 51 (n,n') Level
Legendre Coefficients

70-Yb-163



22

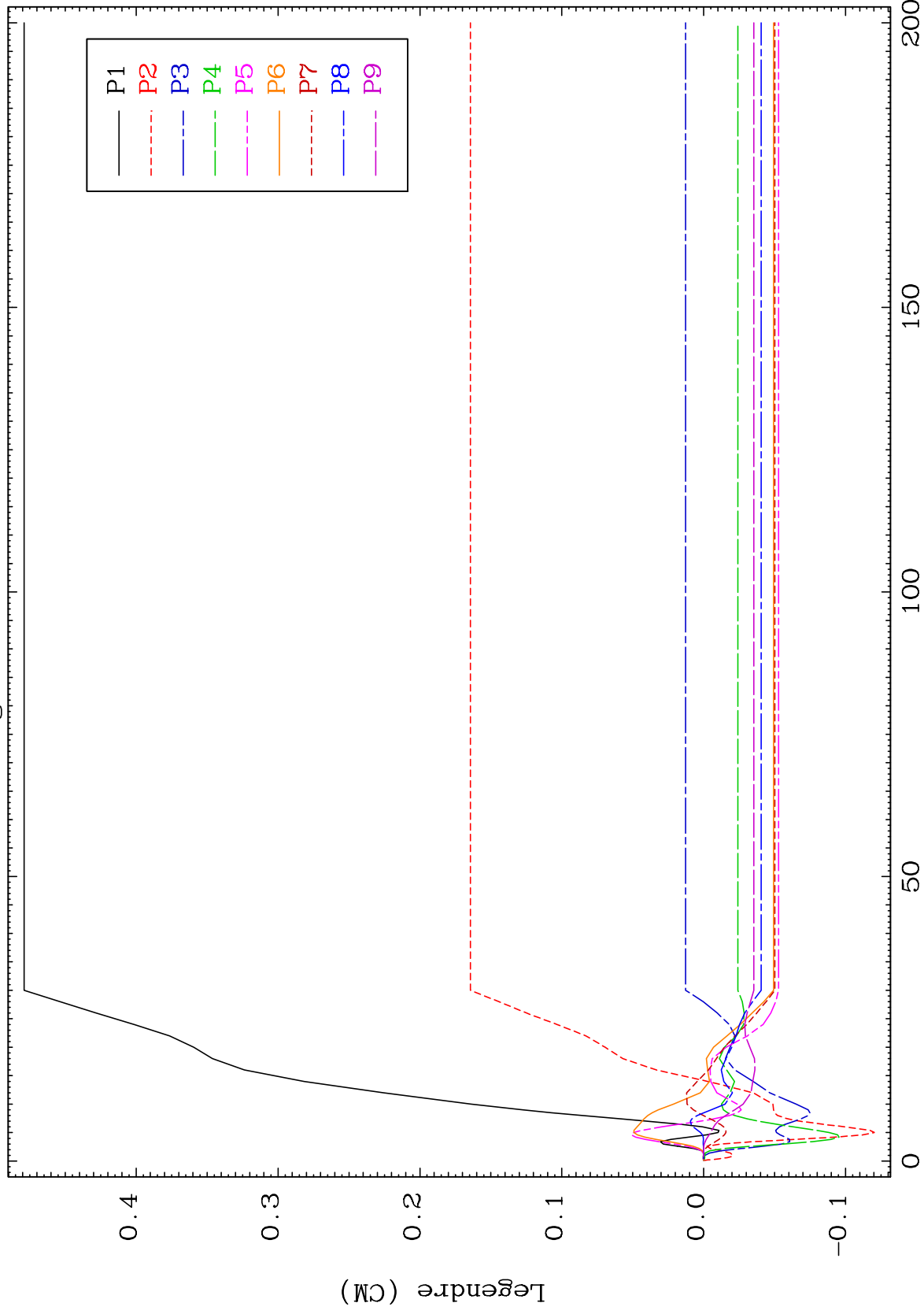
70-Yb-163



MAT 7010

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

70-Yb-163



24

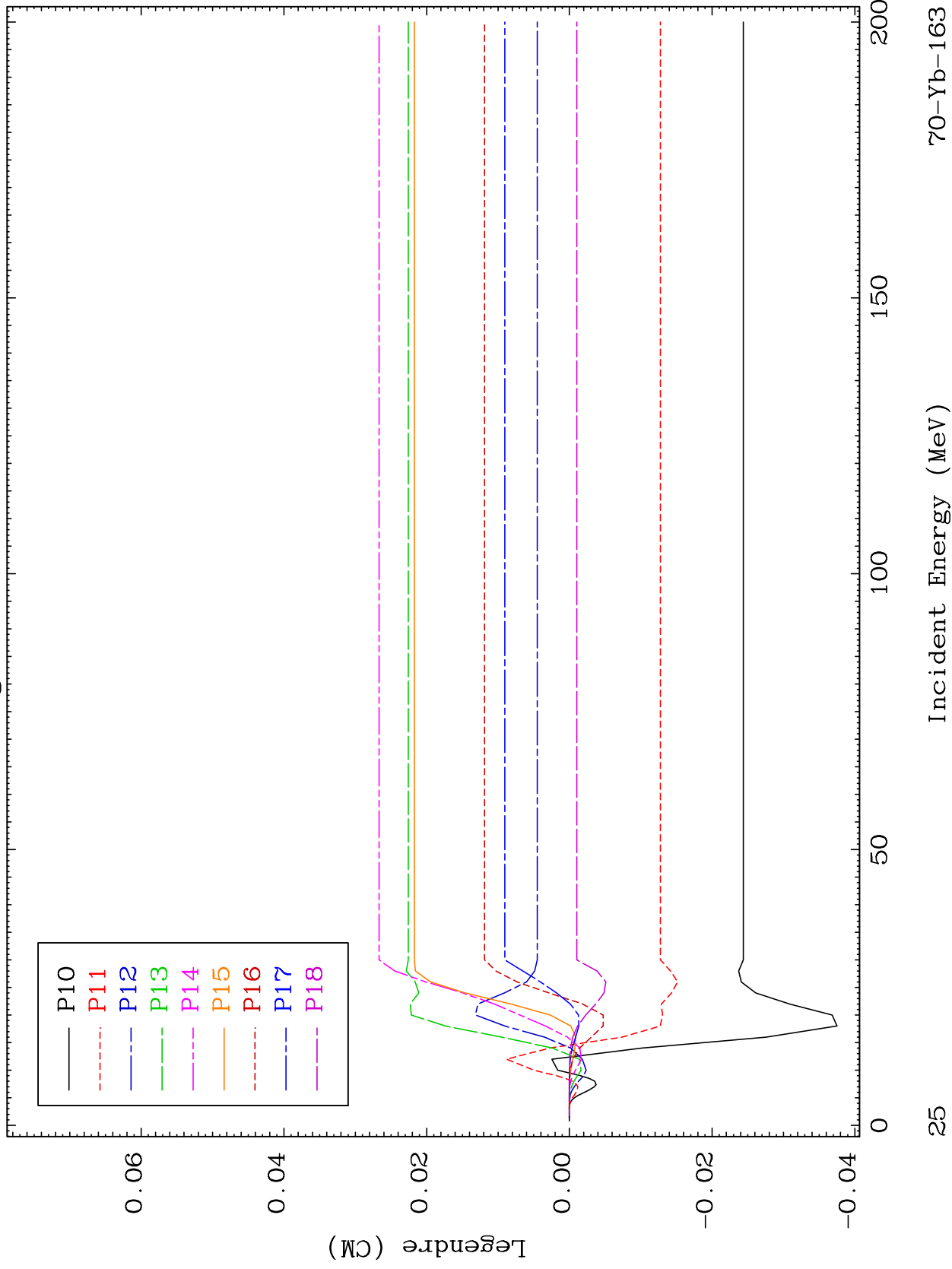
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

70-Yb-163



70-Yb-163

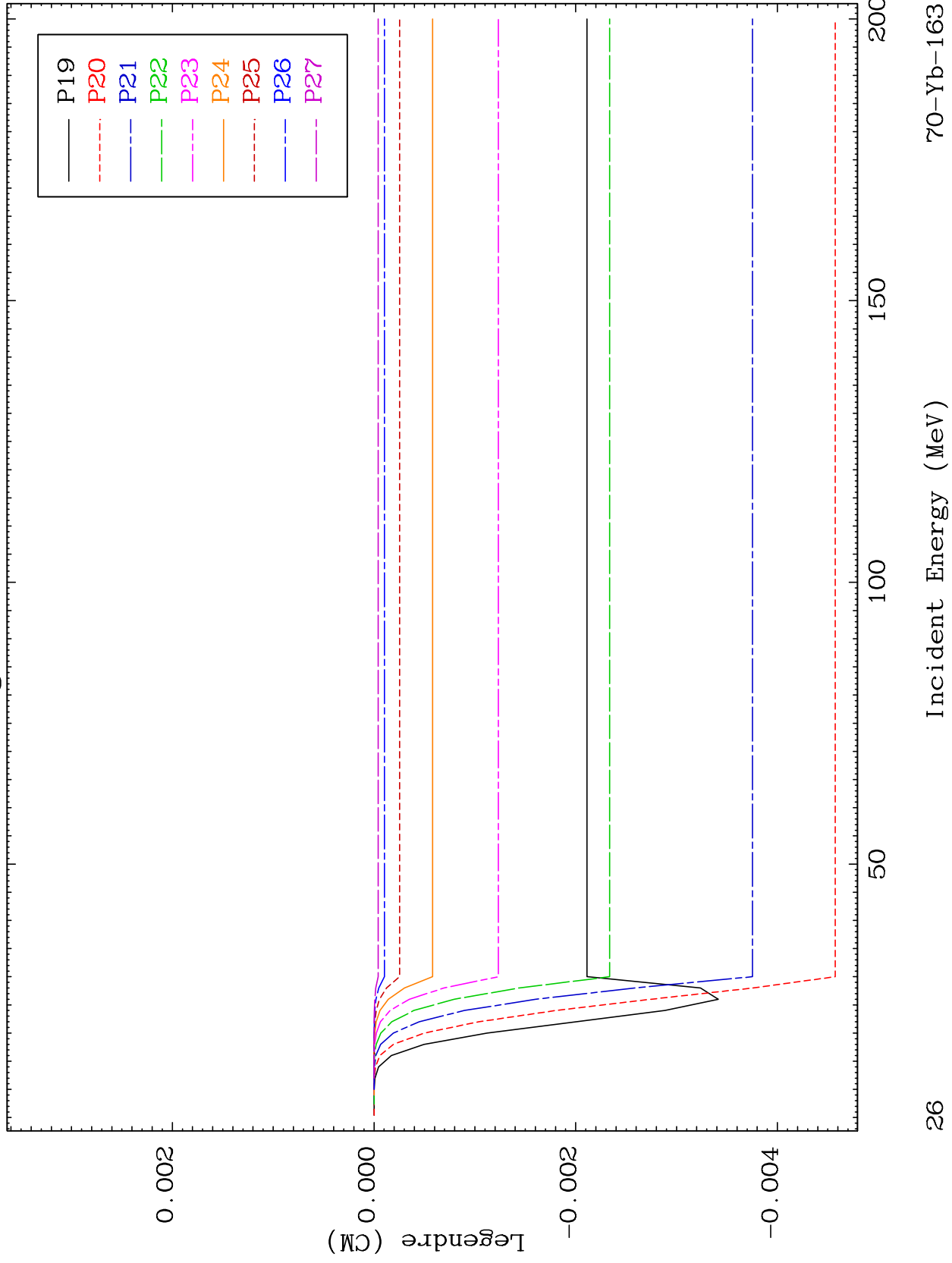
Incident Energy (MeV)

25

MAT 7010

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

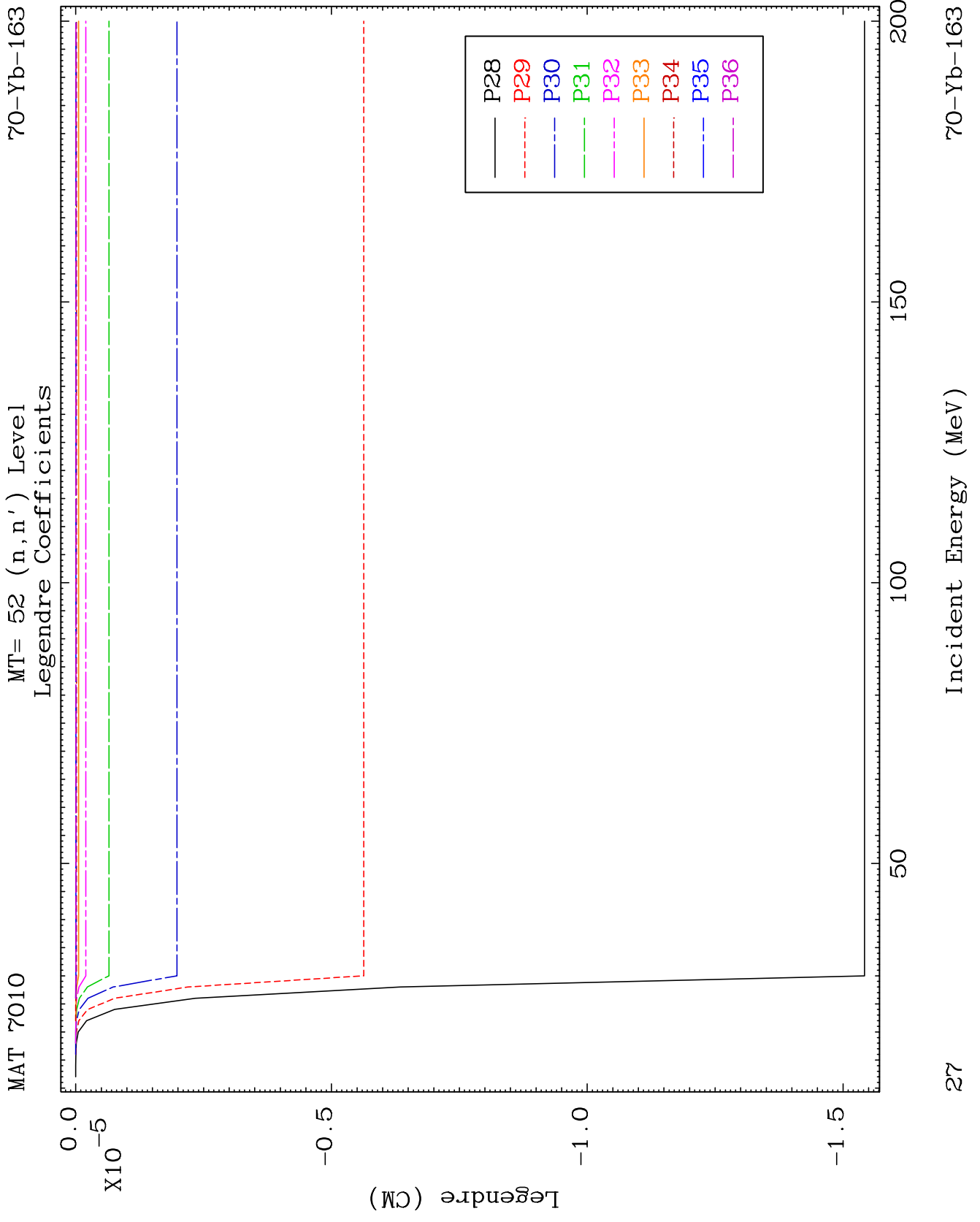
70-Yb-163



26

Incident Energy (MeV)

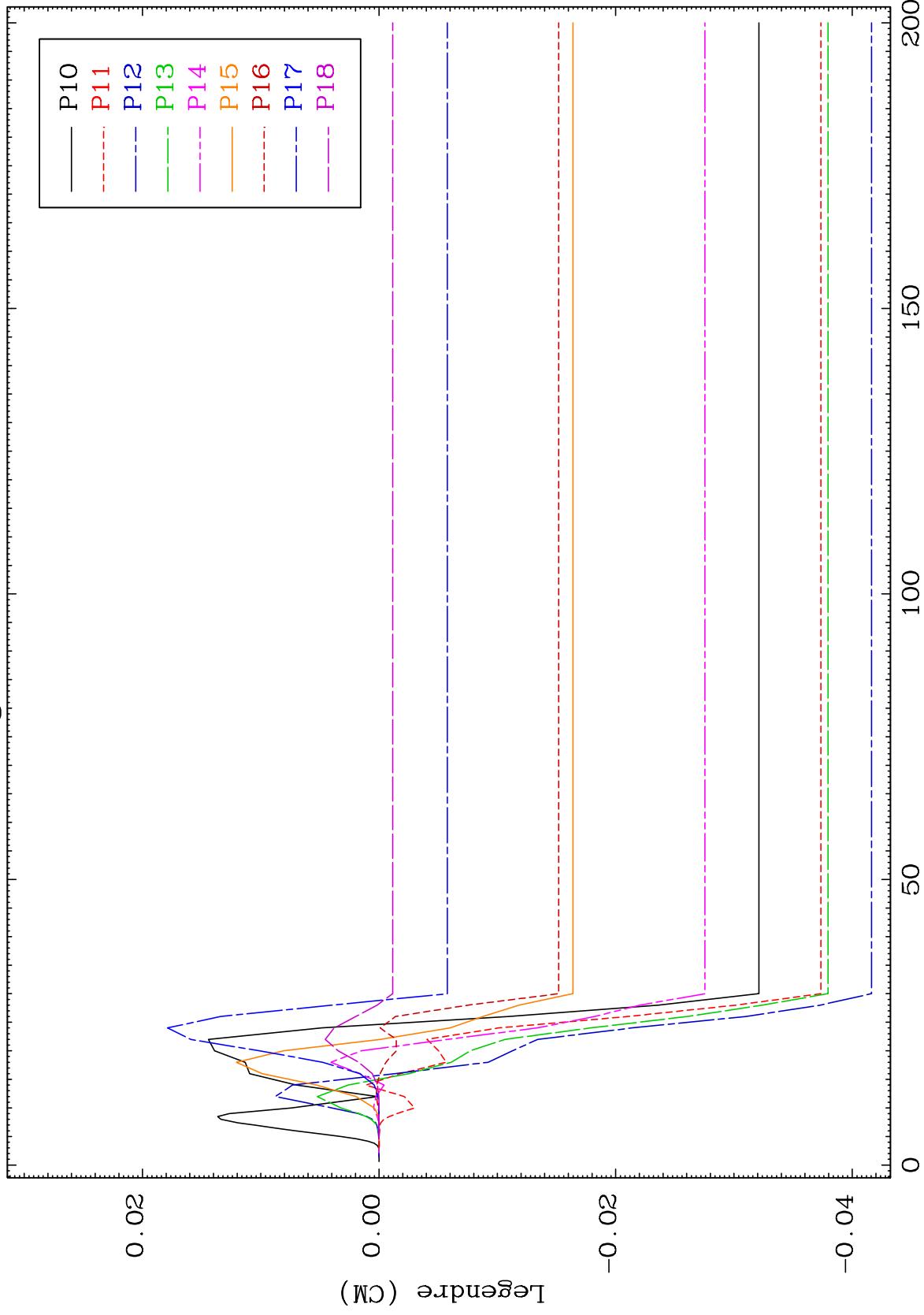
70-Yb-163



MAT 7010

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

70-Yb-163



29

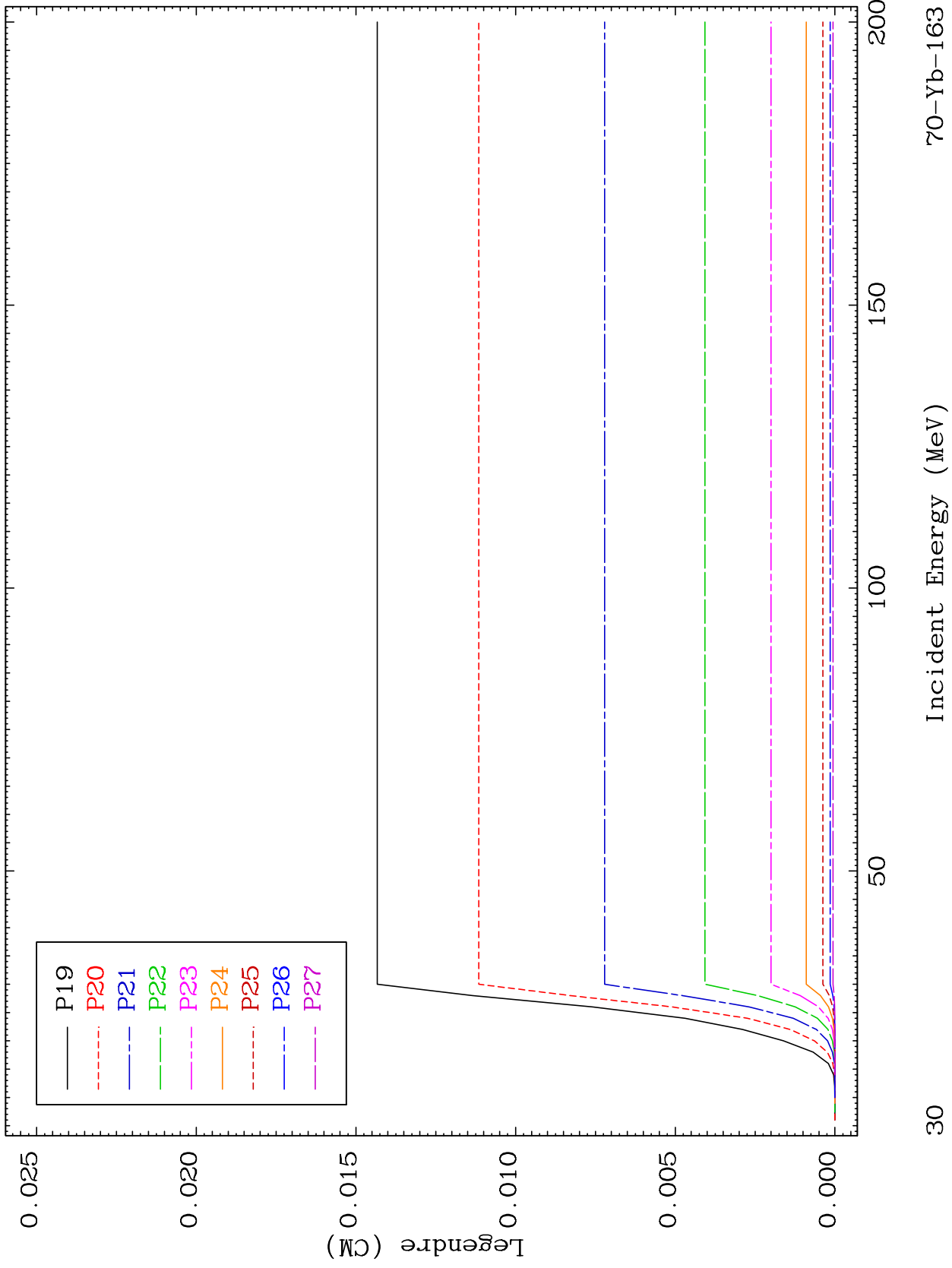
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

70-Yb-163



30

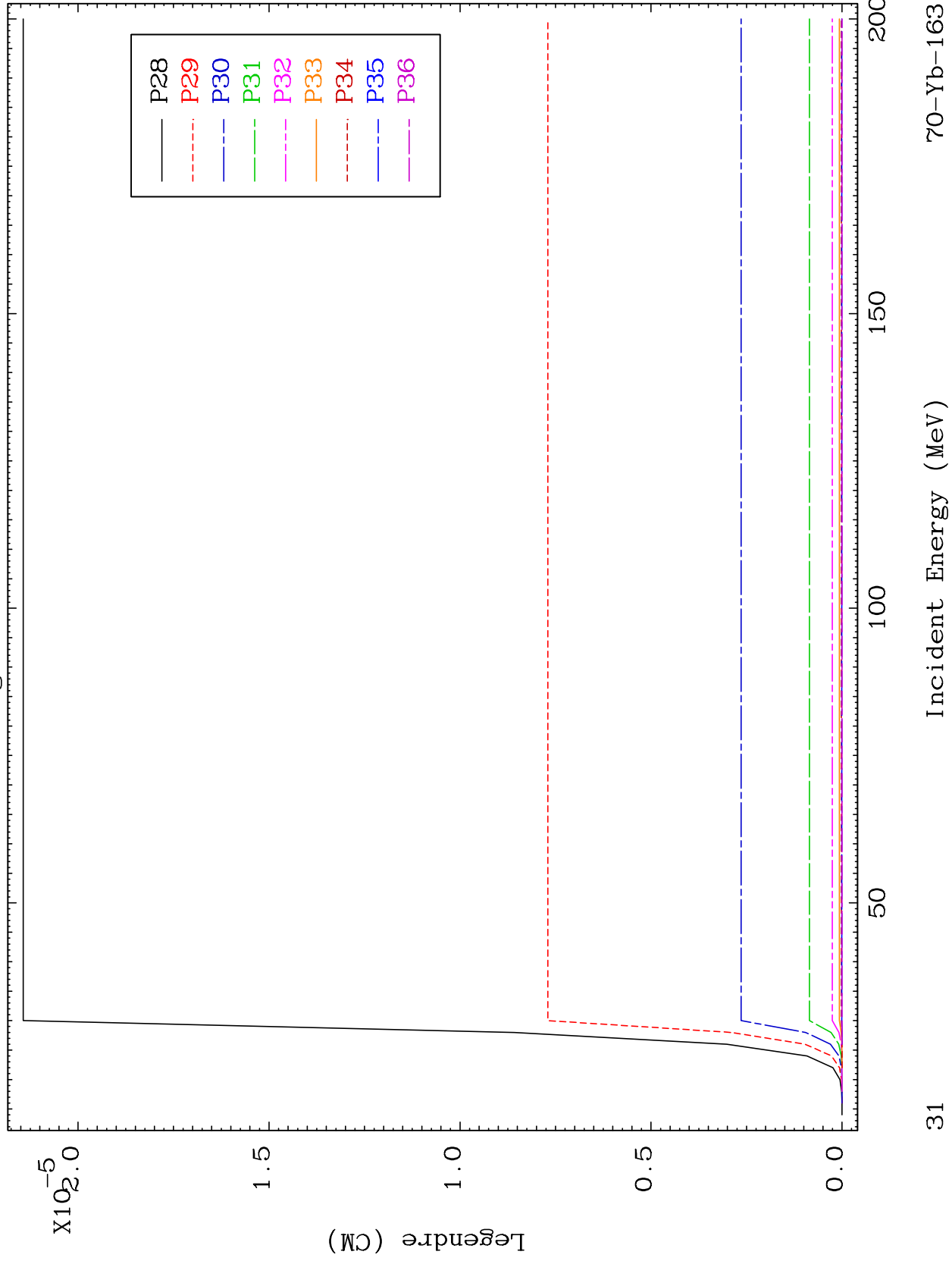
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

70-Yb-163



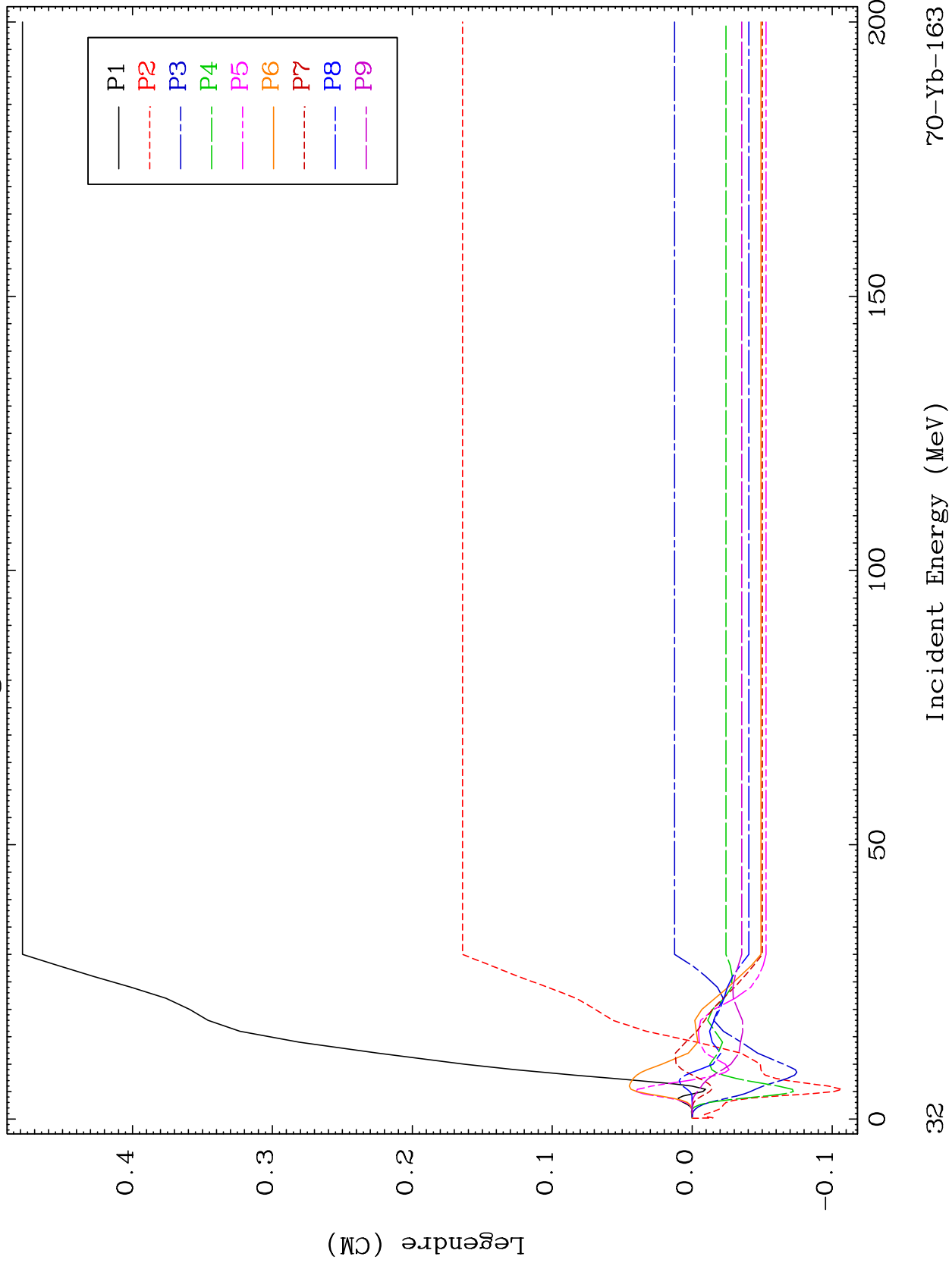
31

200

MAT 7010

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

70-Yb-163



70-Yb-163

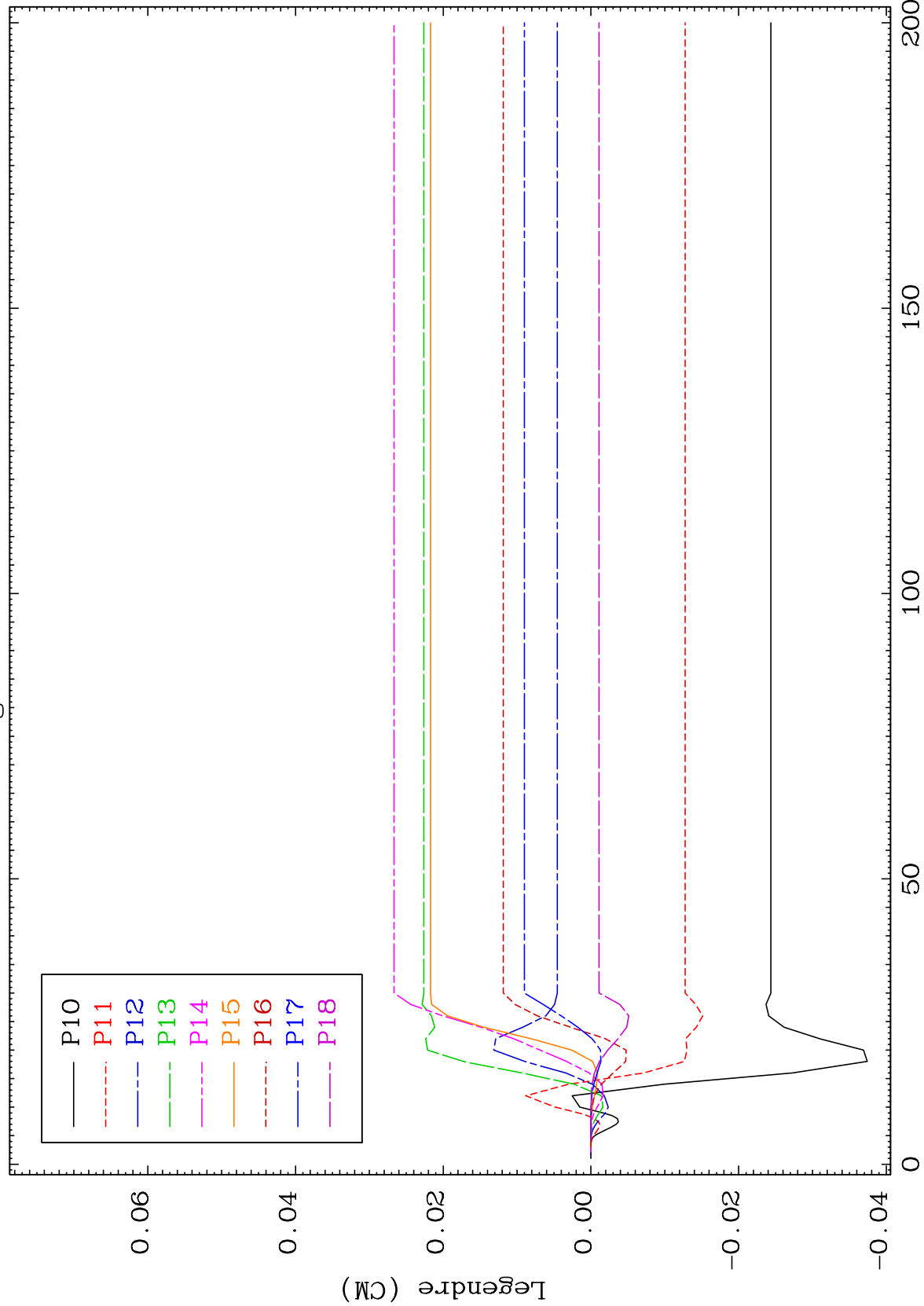
Incident Energy (MeV)

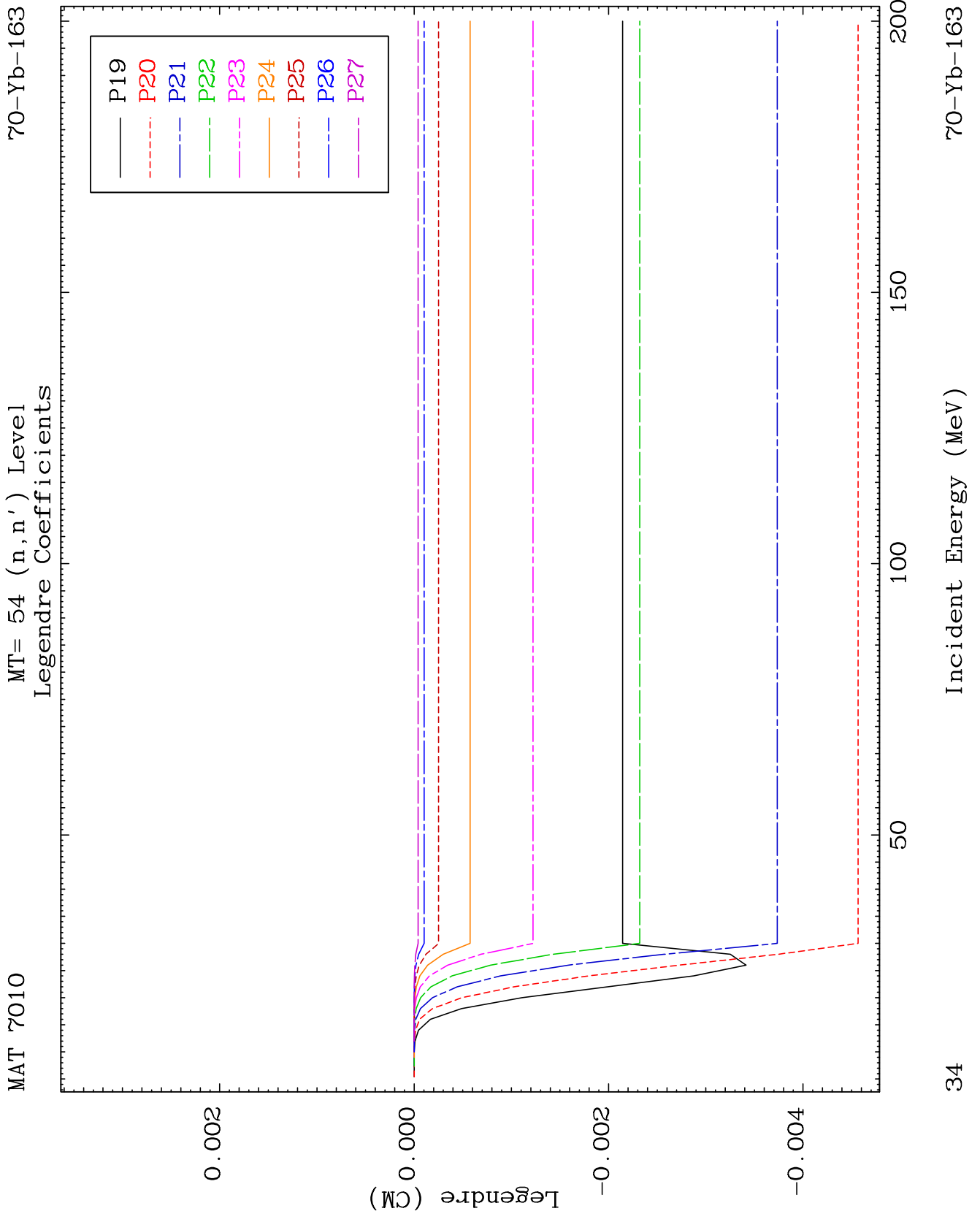
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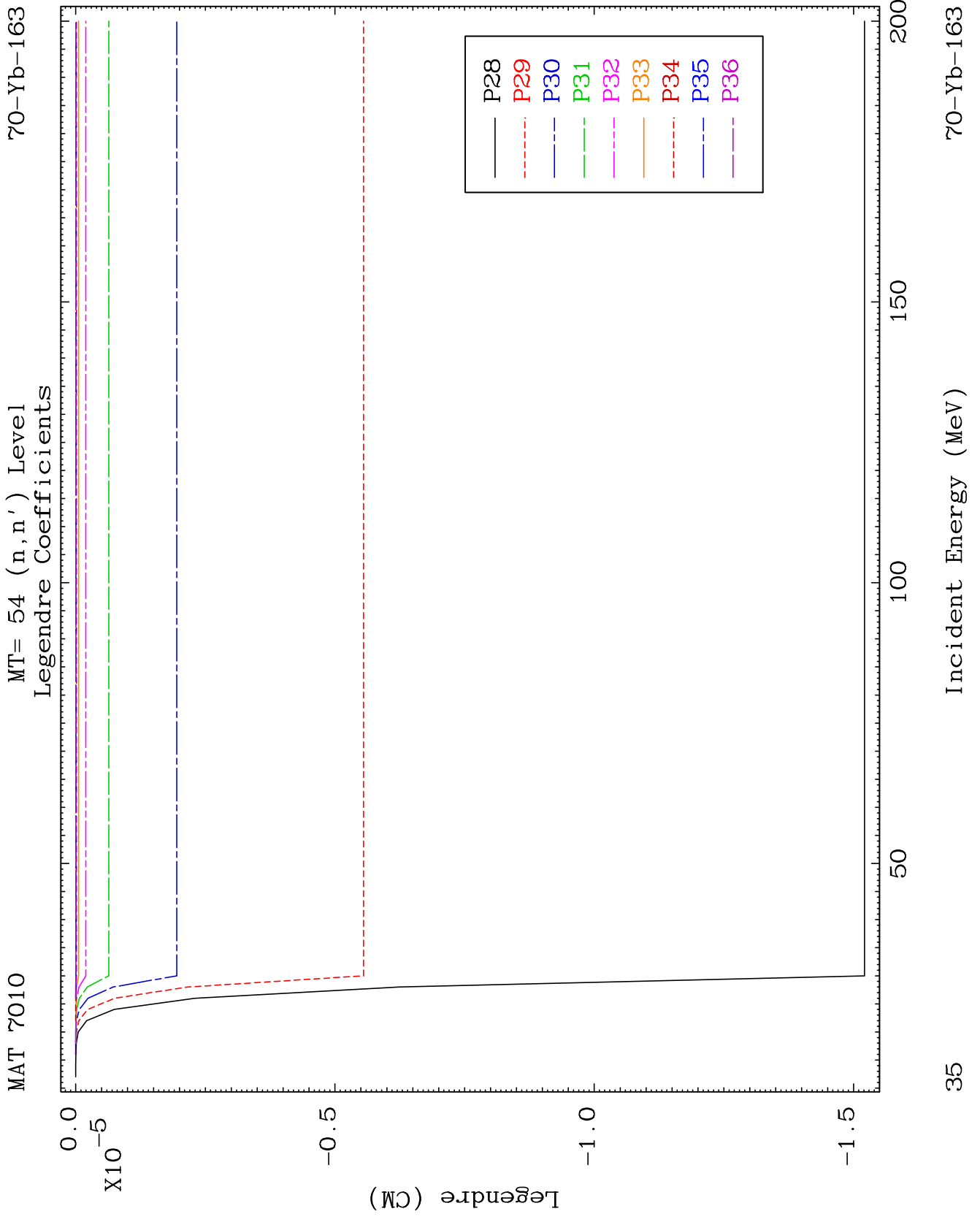
MAT 7010

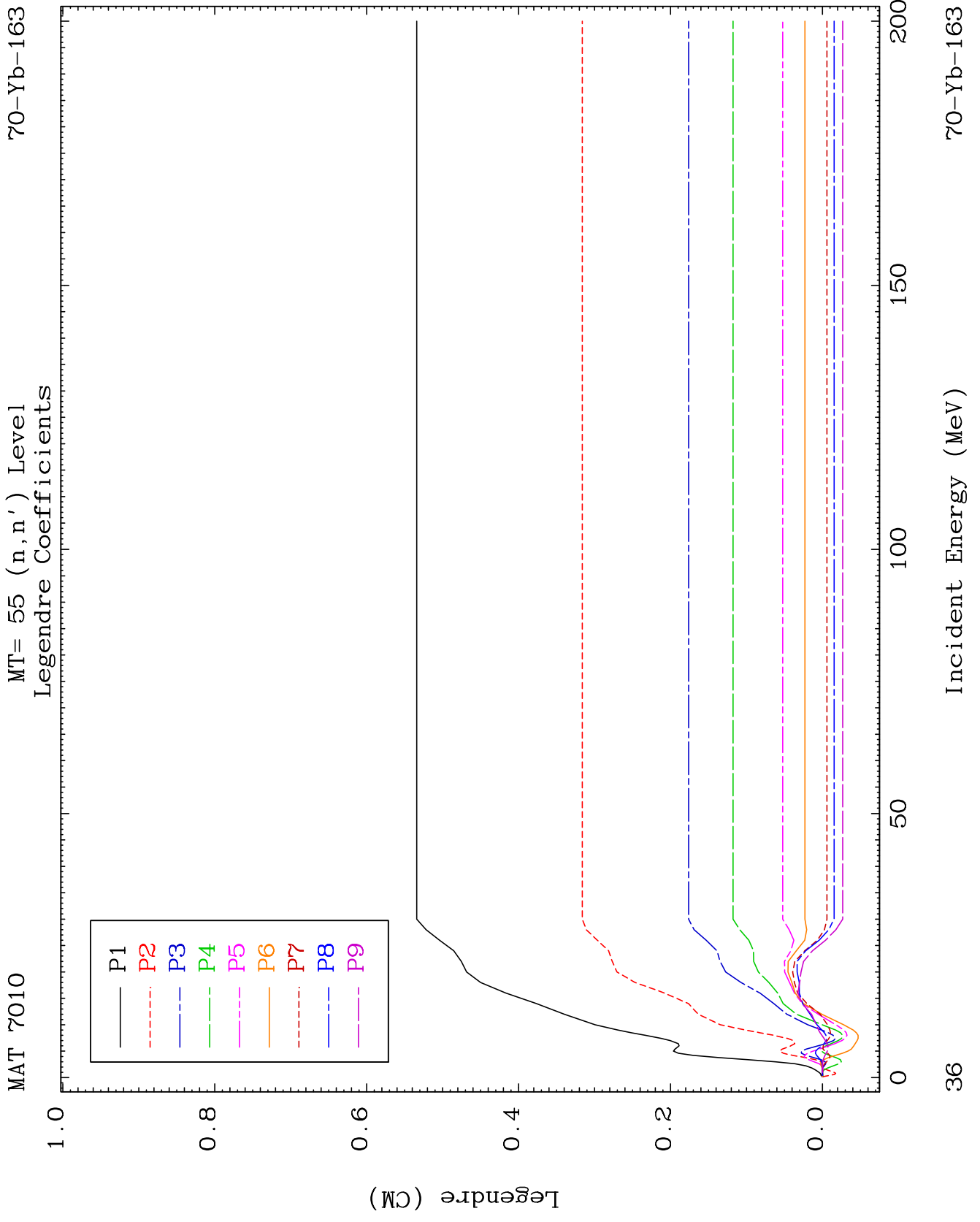
MT= 54 (n,n') Level
Legendre Coefficients

70-Yb-163





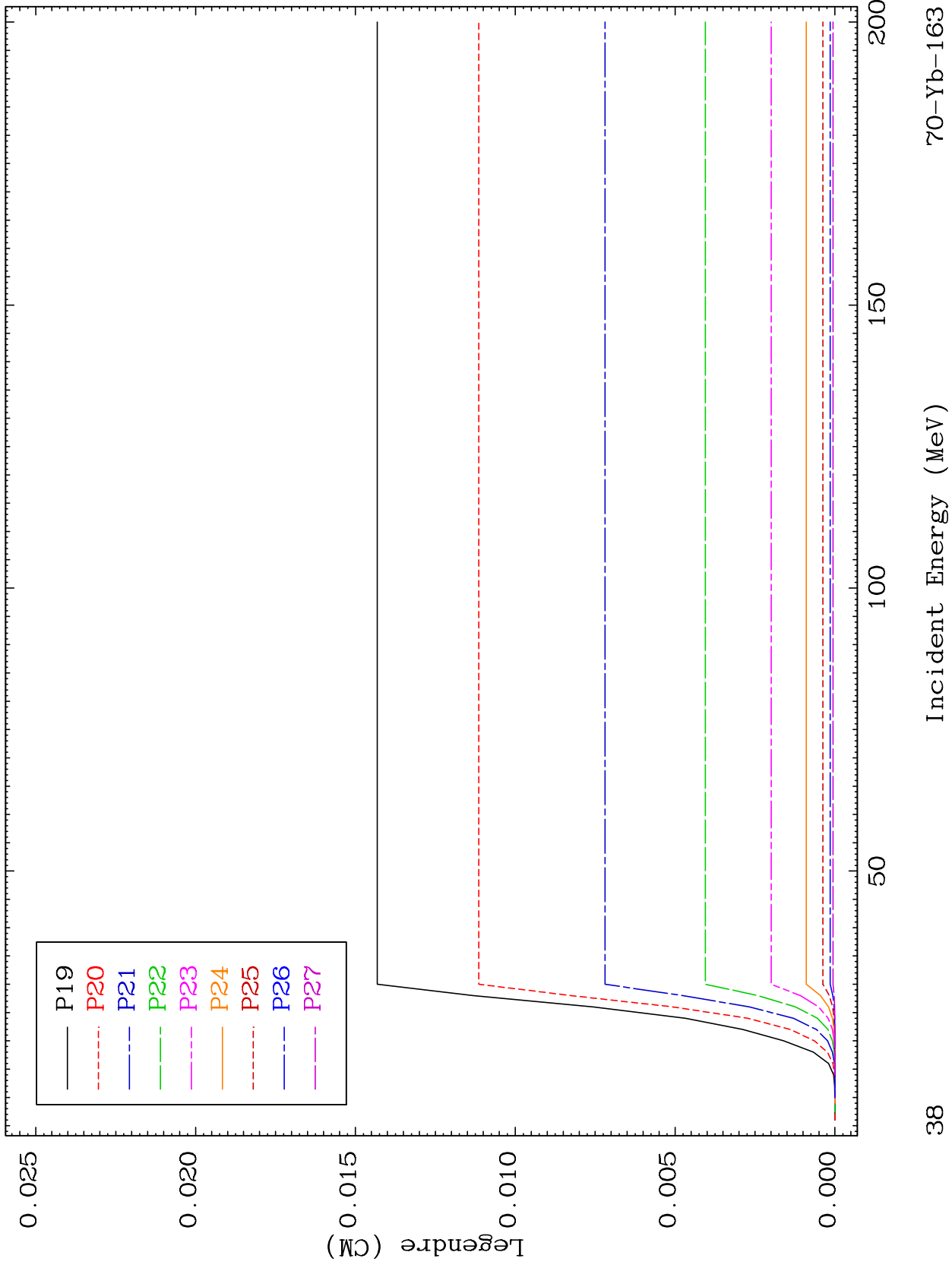




MAT 7010

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

70-Yb-163



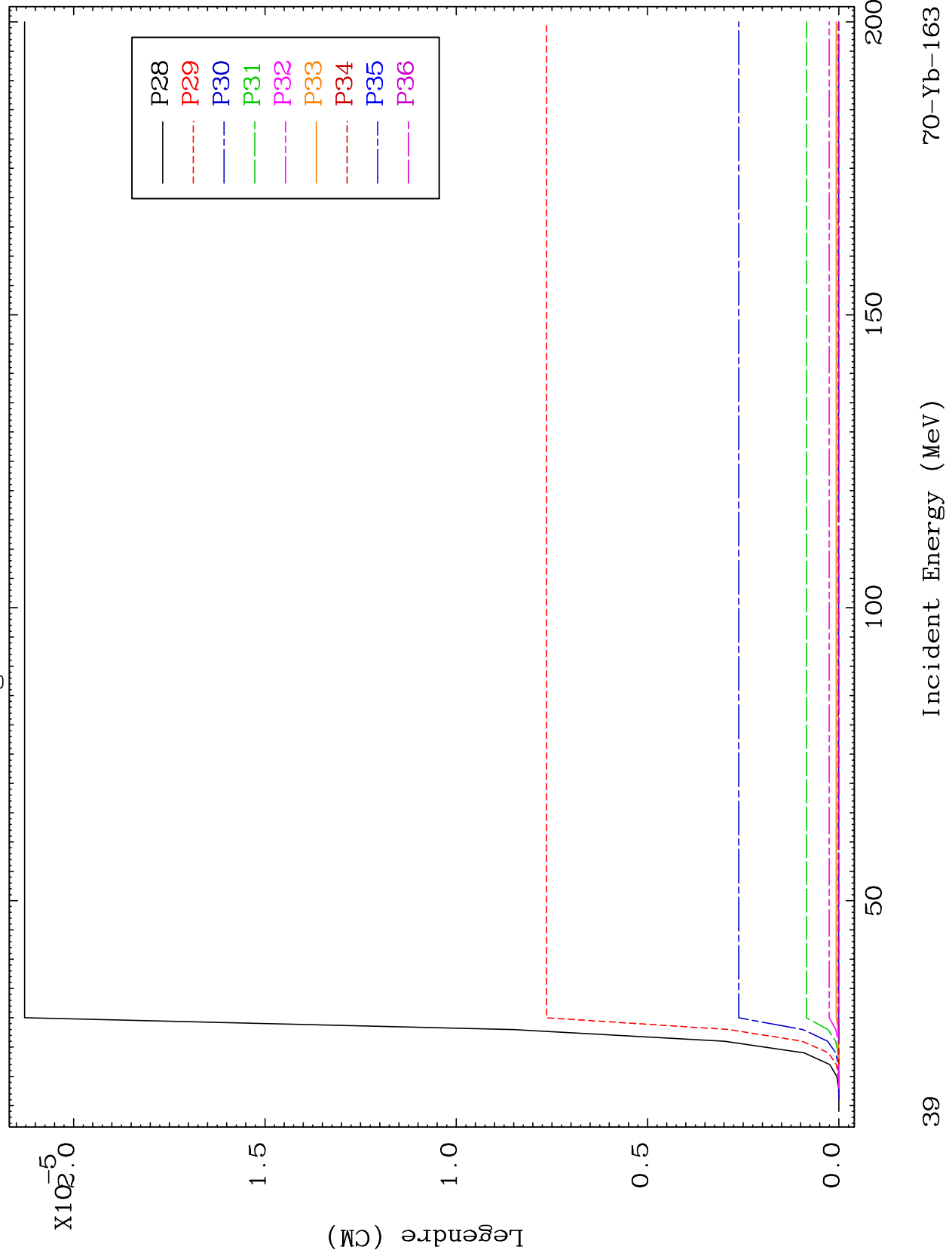
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70-Yb-163

MAT 7010

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

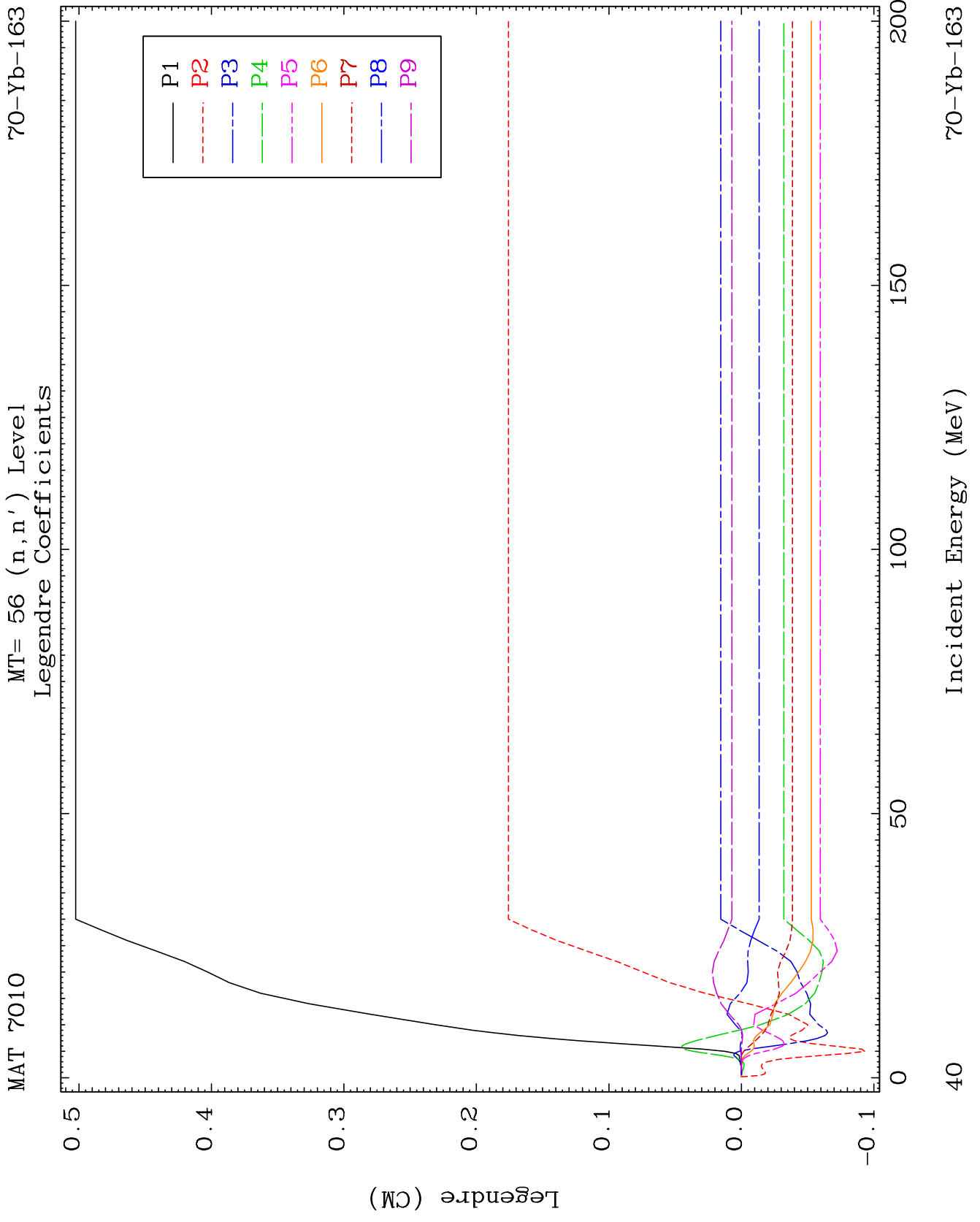
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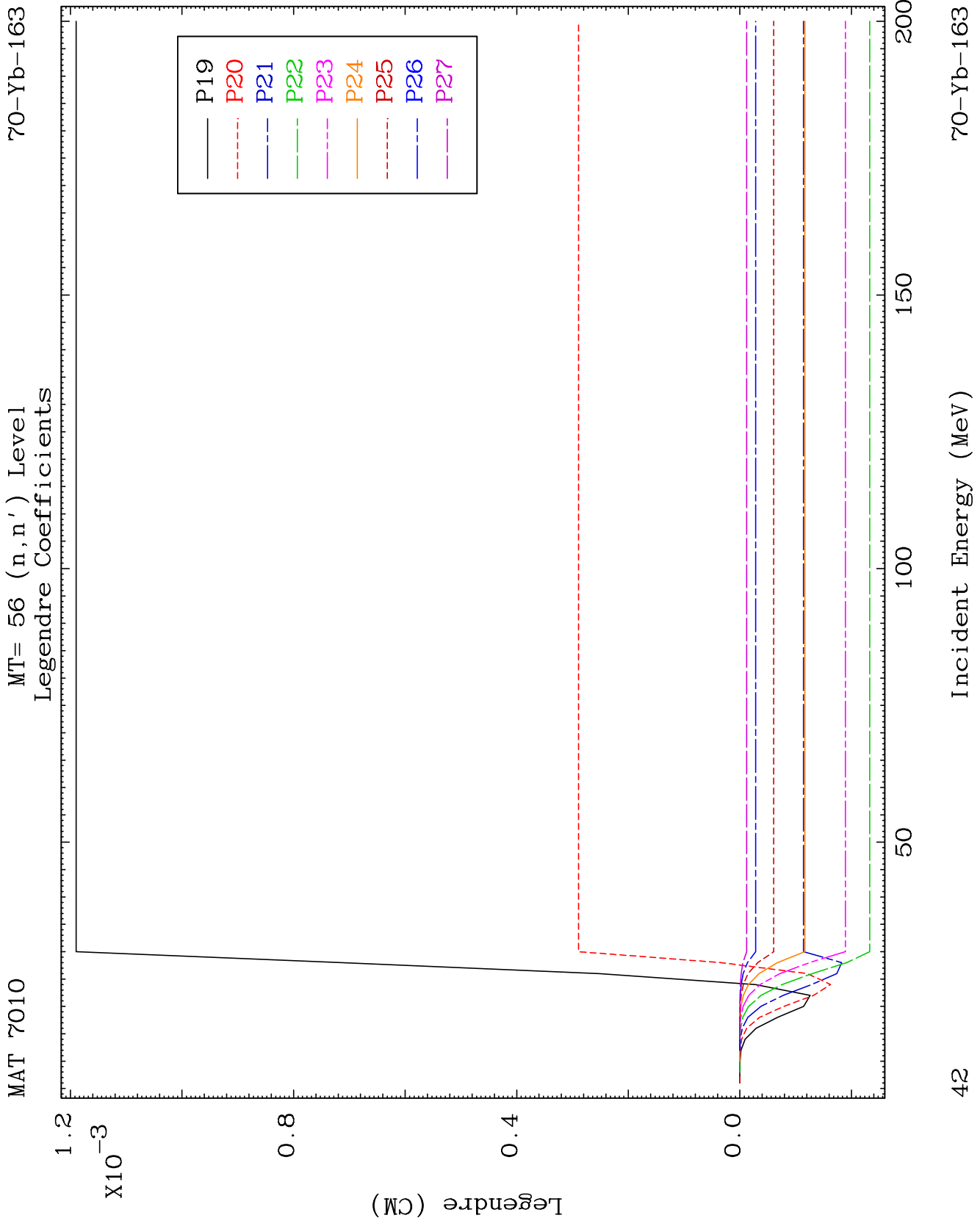


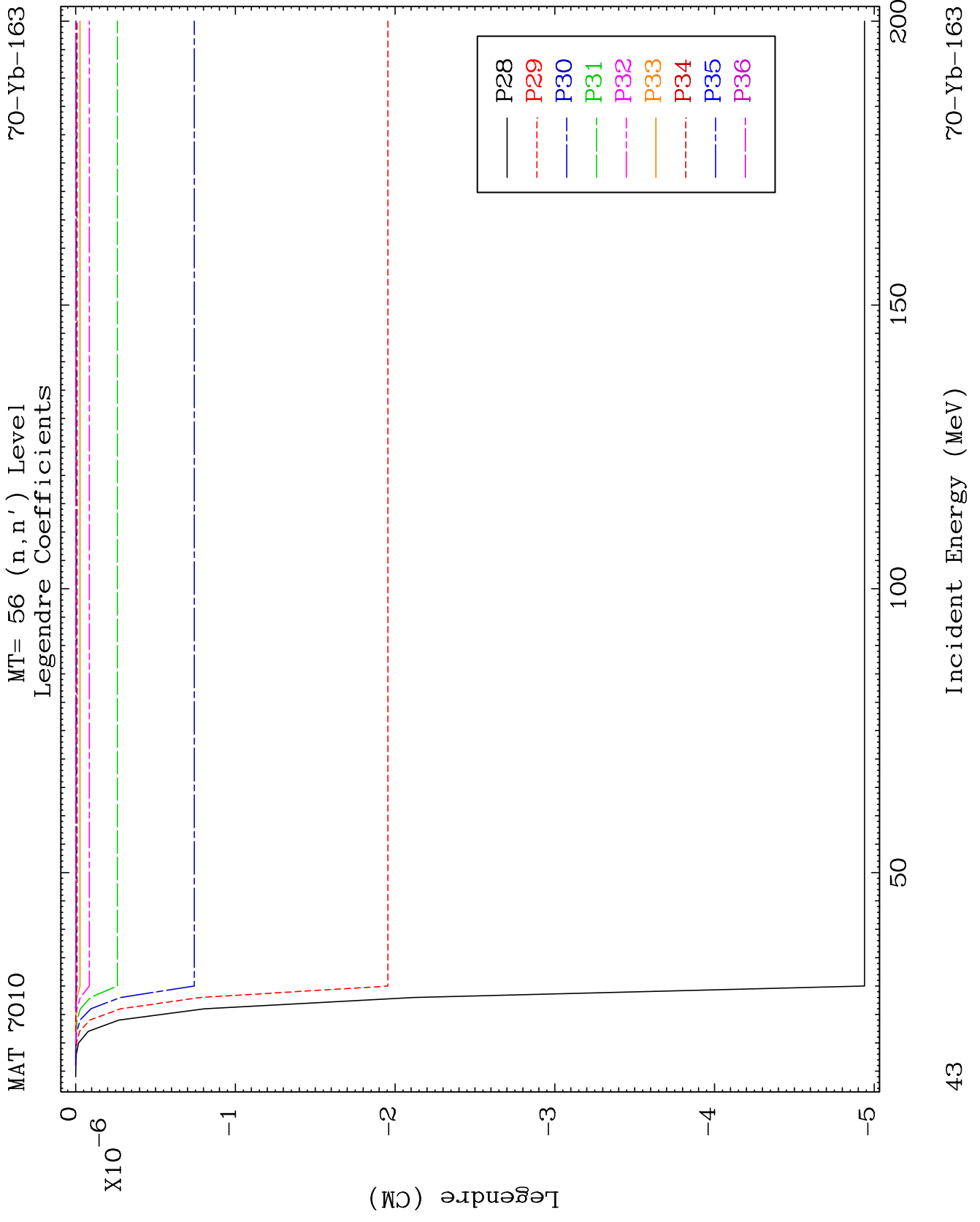
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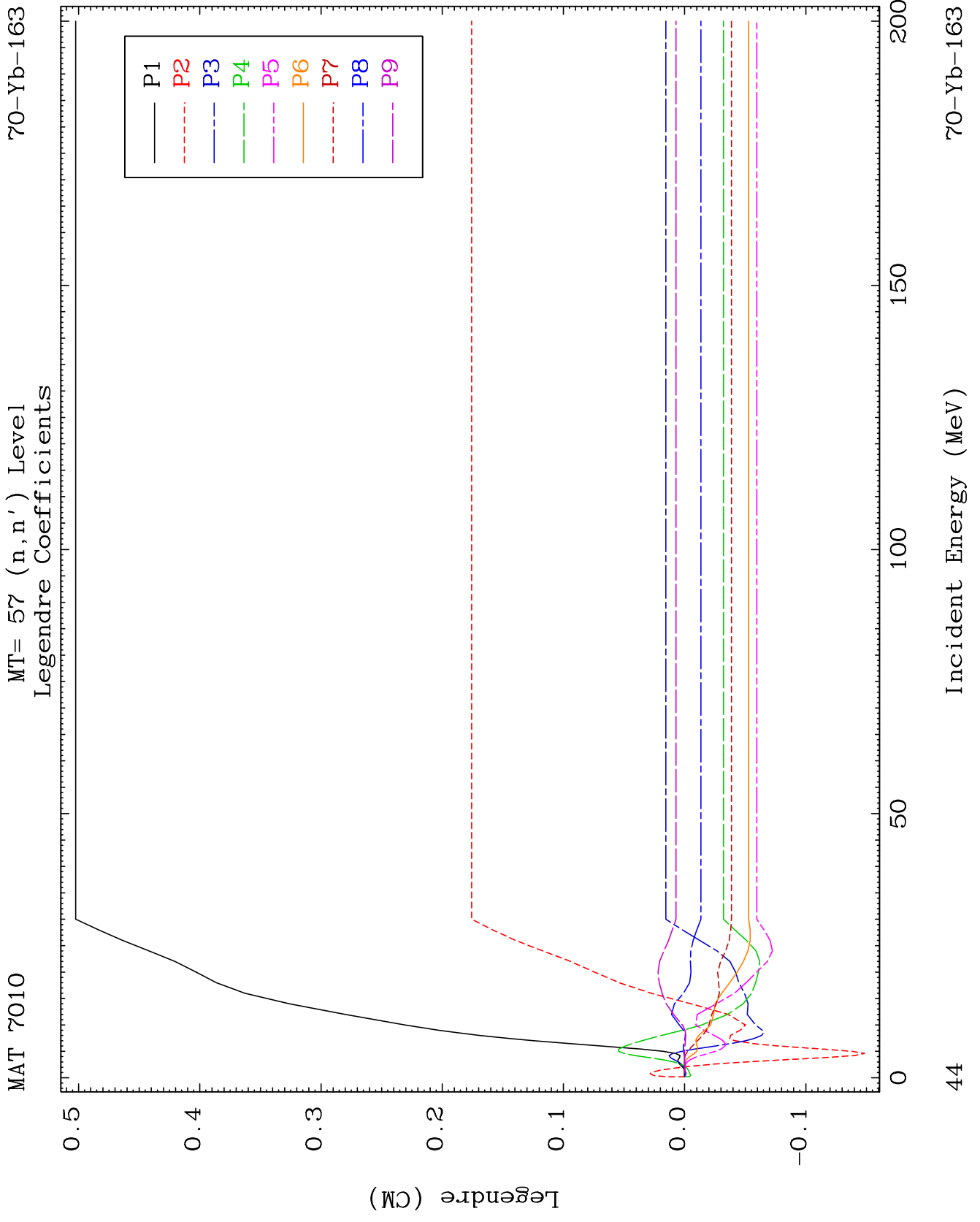
Incident Energy (MeV)

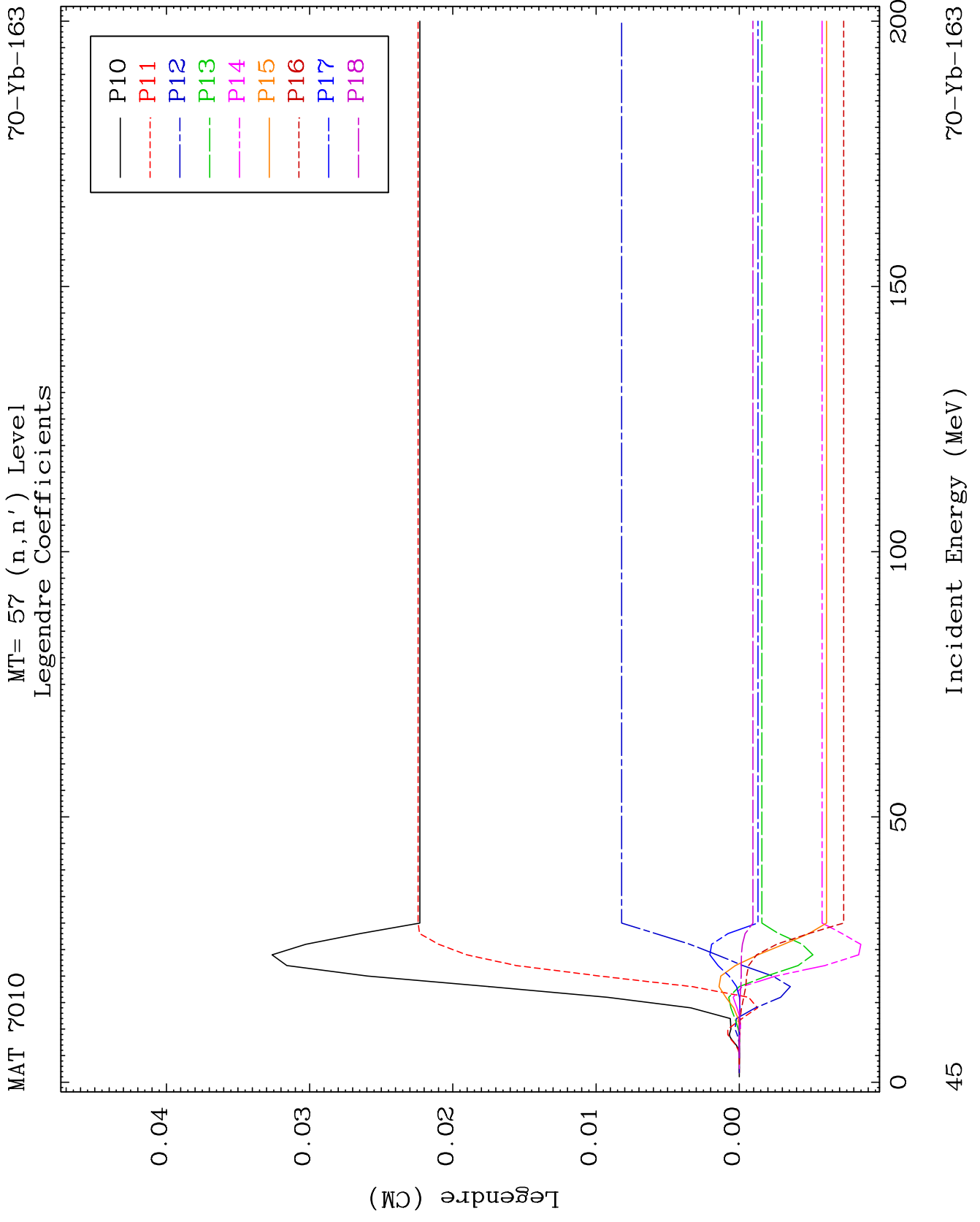
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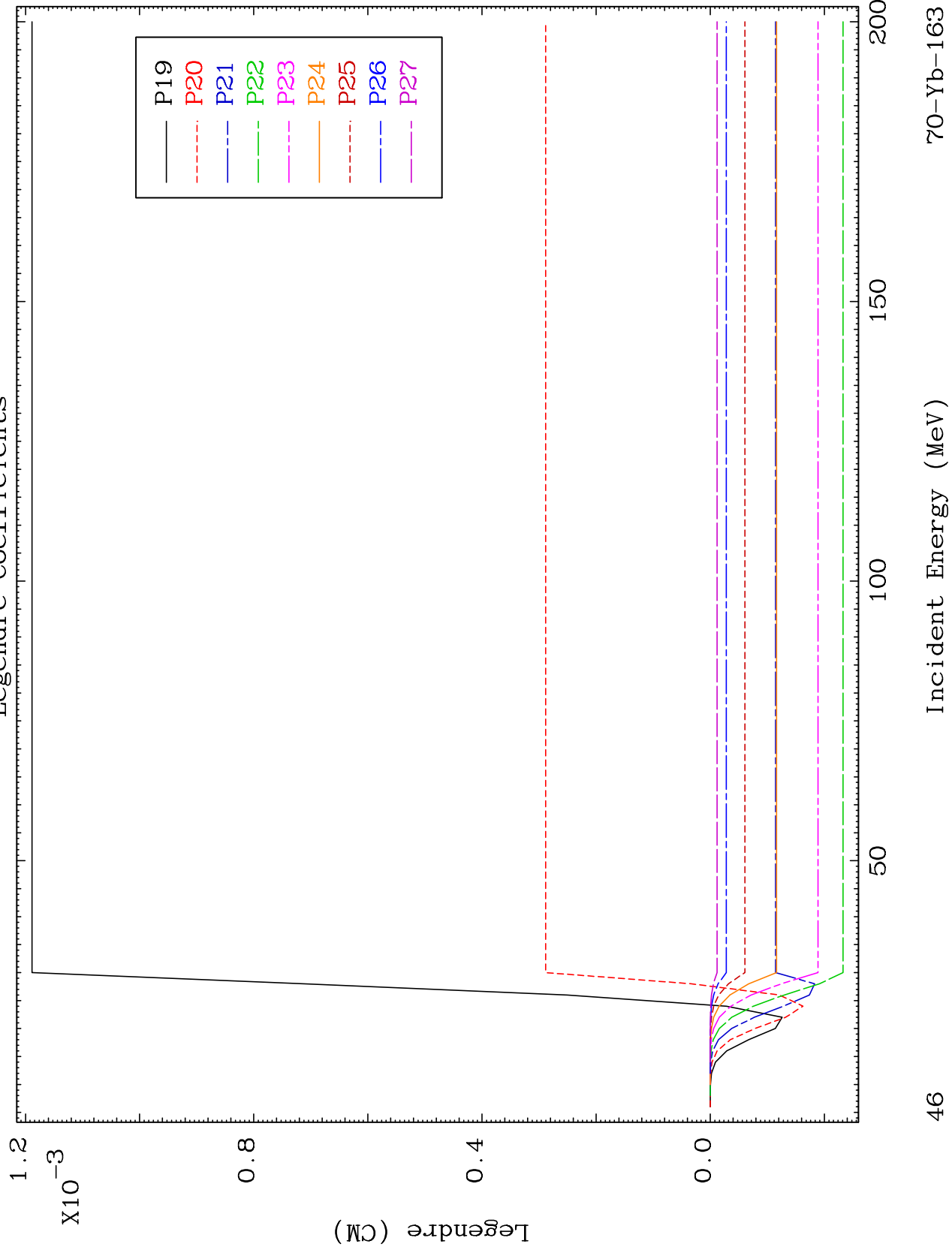




MAT 7010

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

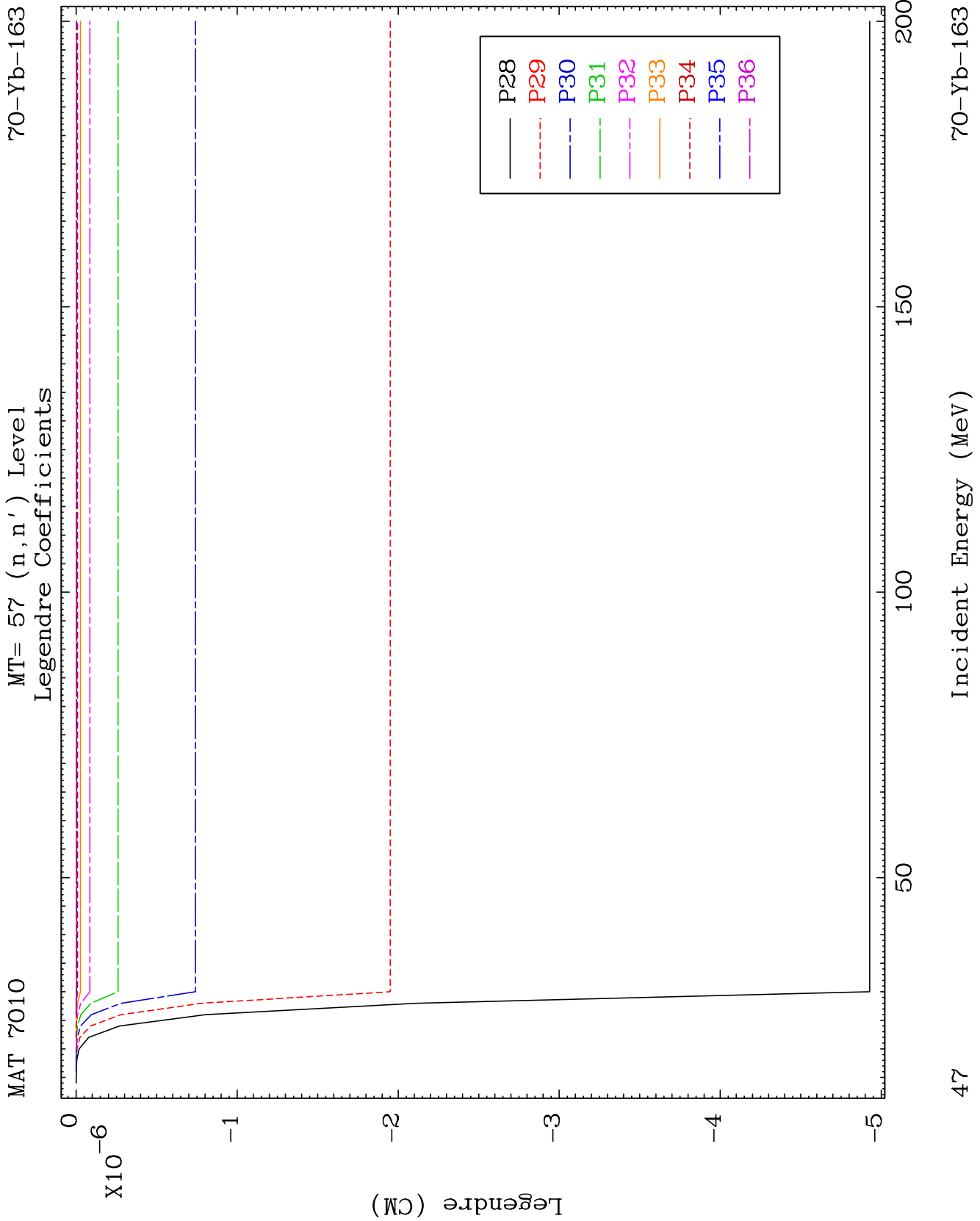
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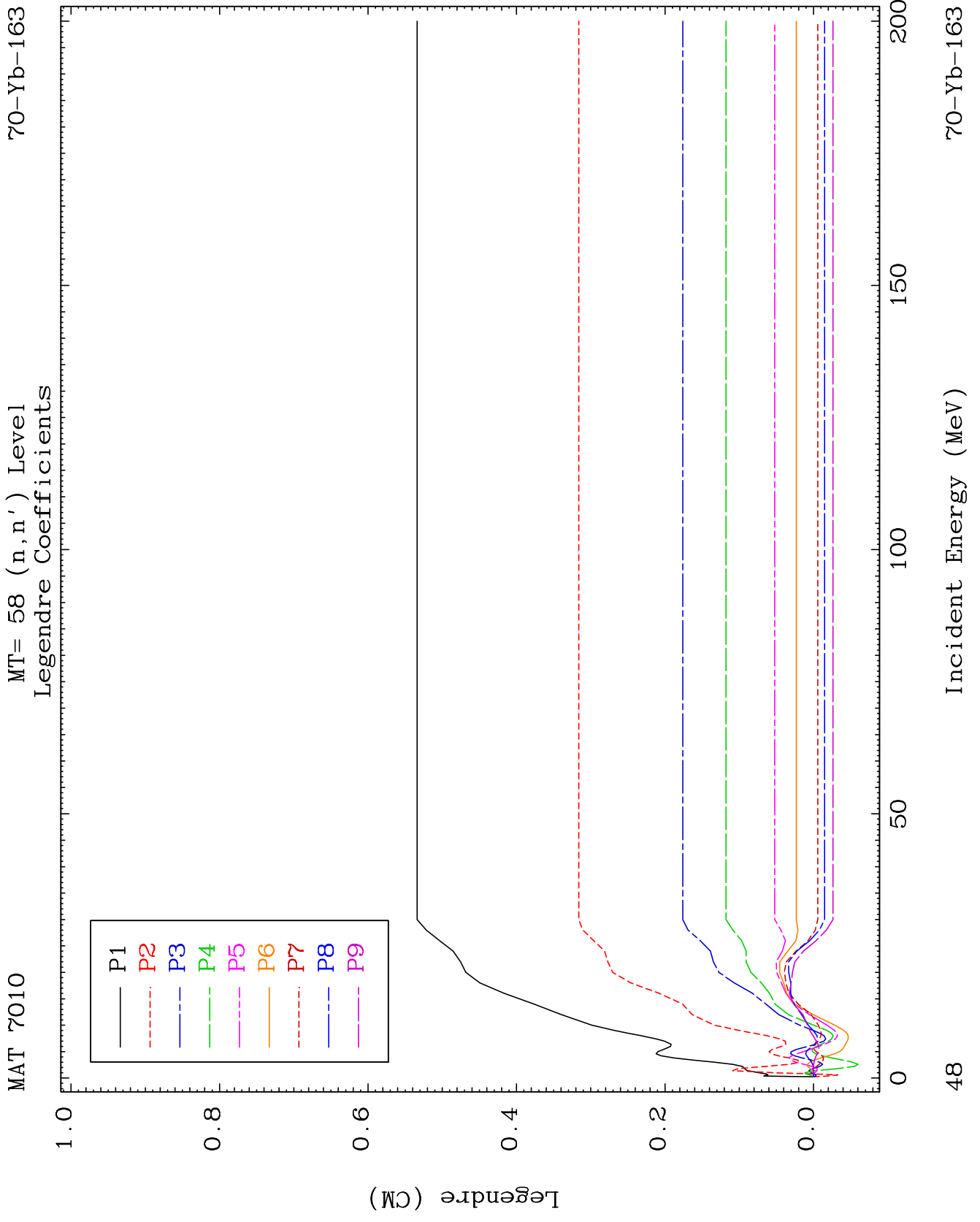


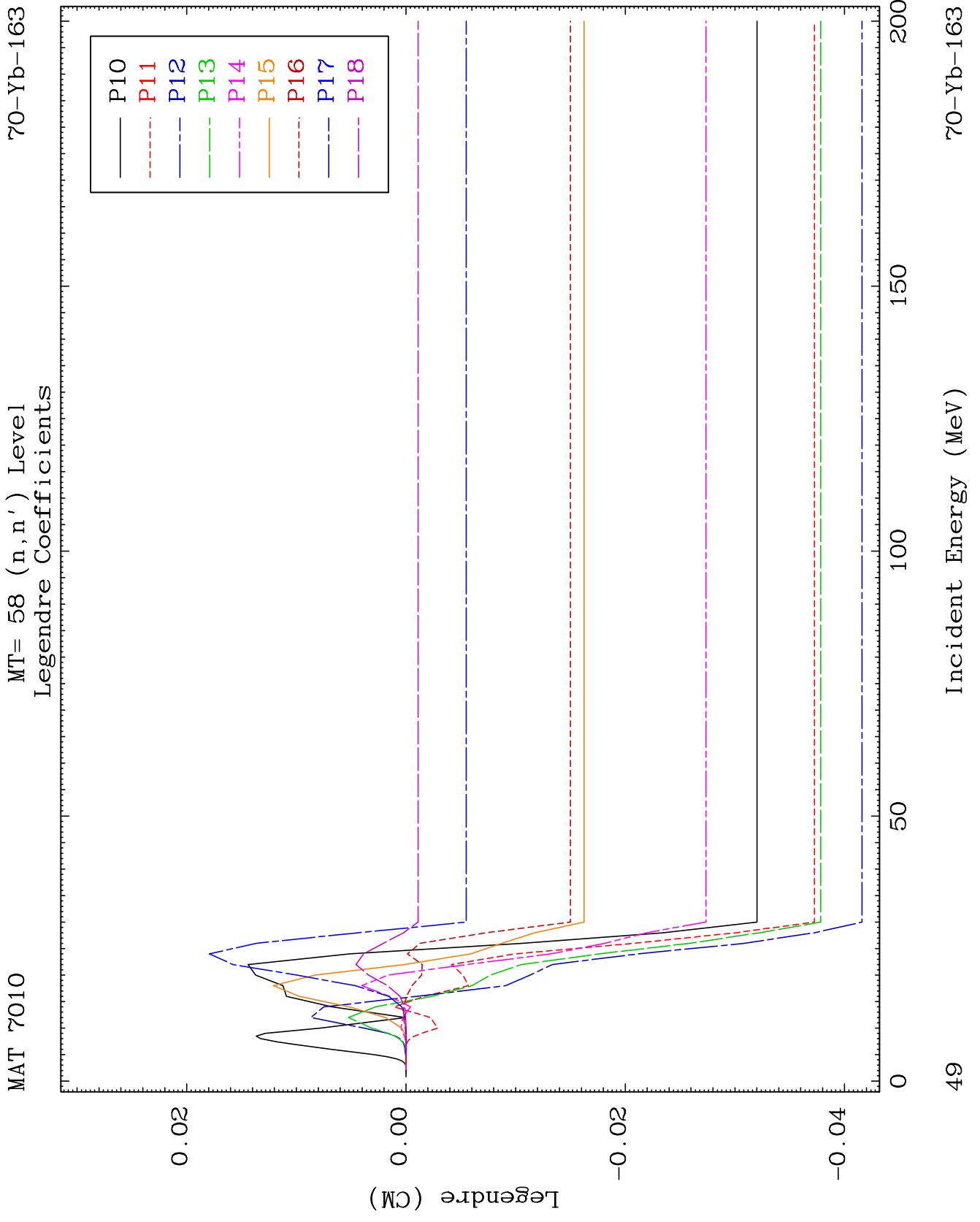
46

Incident Energy (MeV)

70-Yb-163



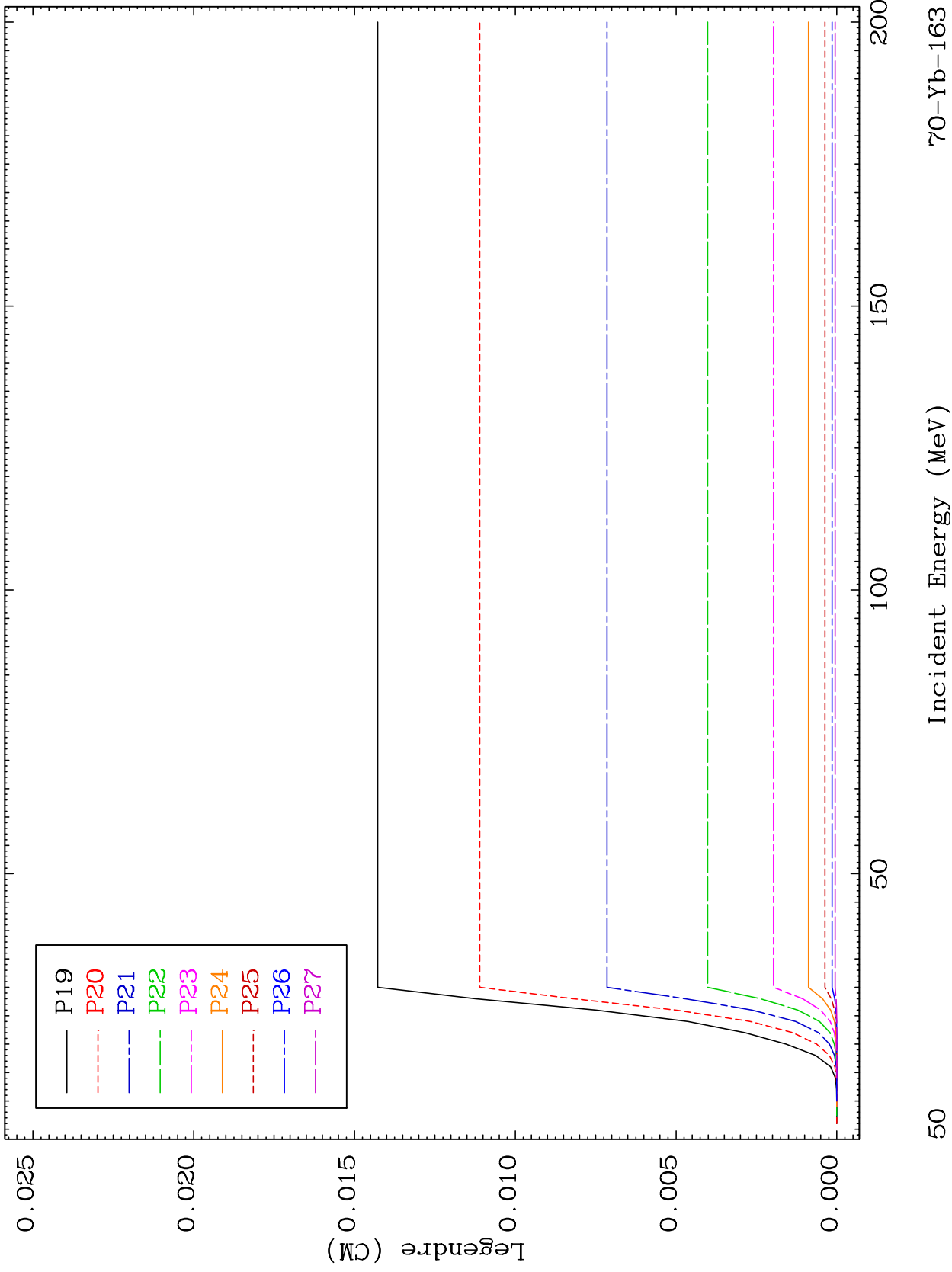




MAT 7010

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

70-Yb-163



50

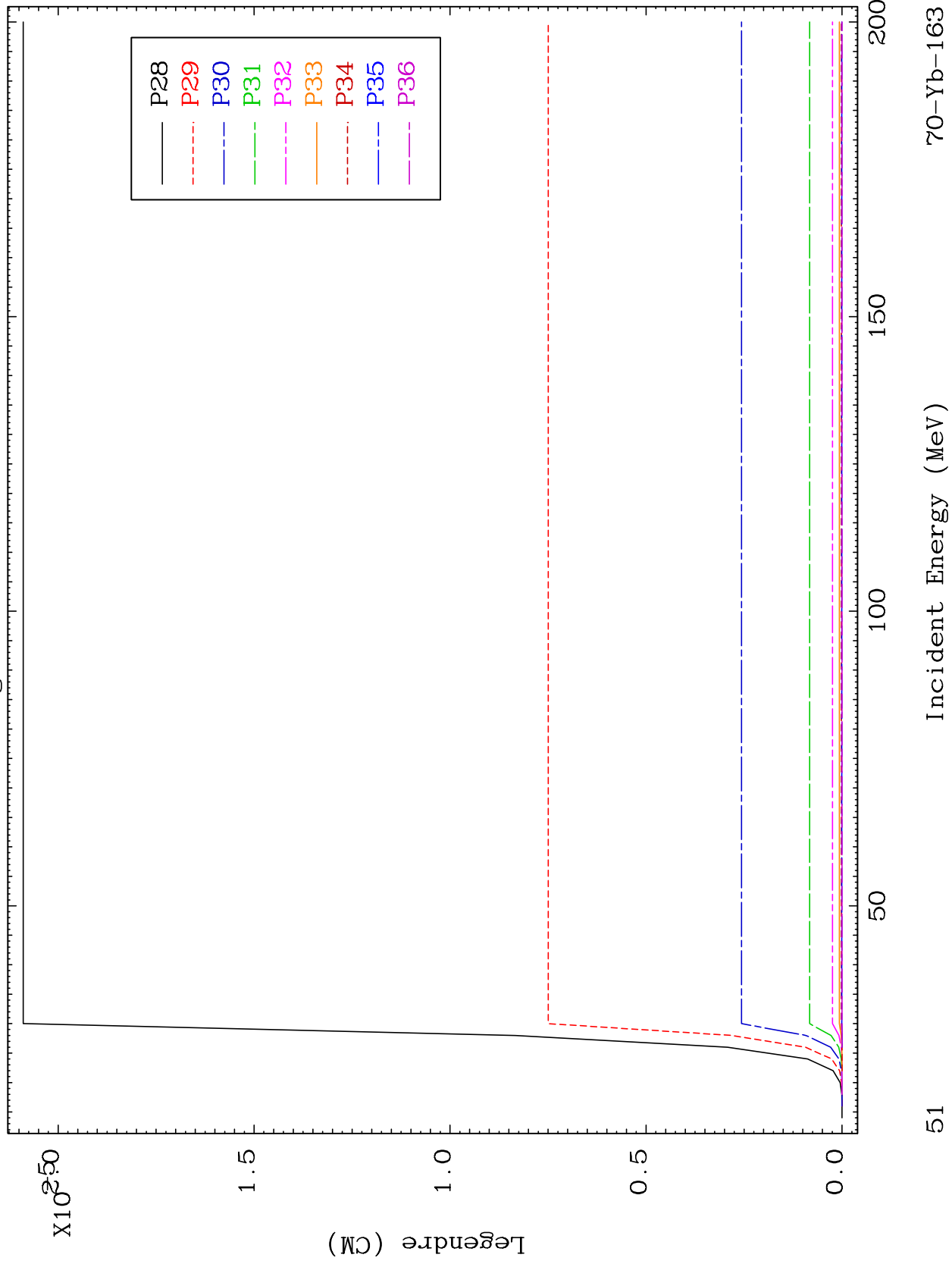
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

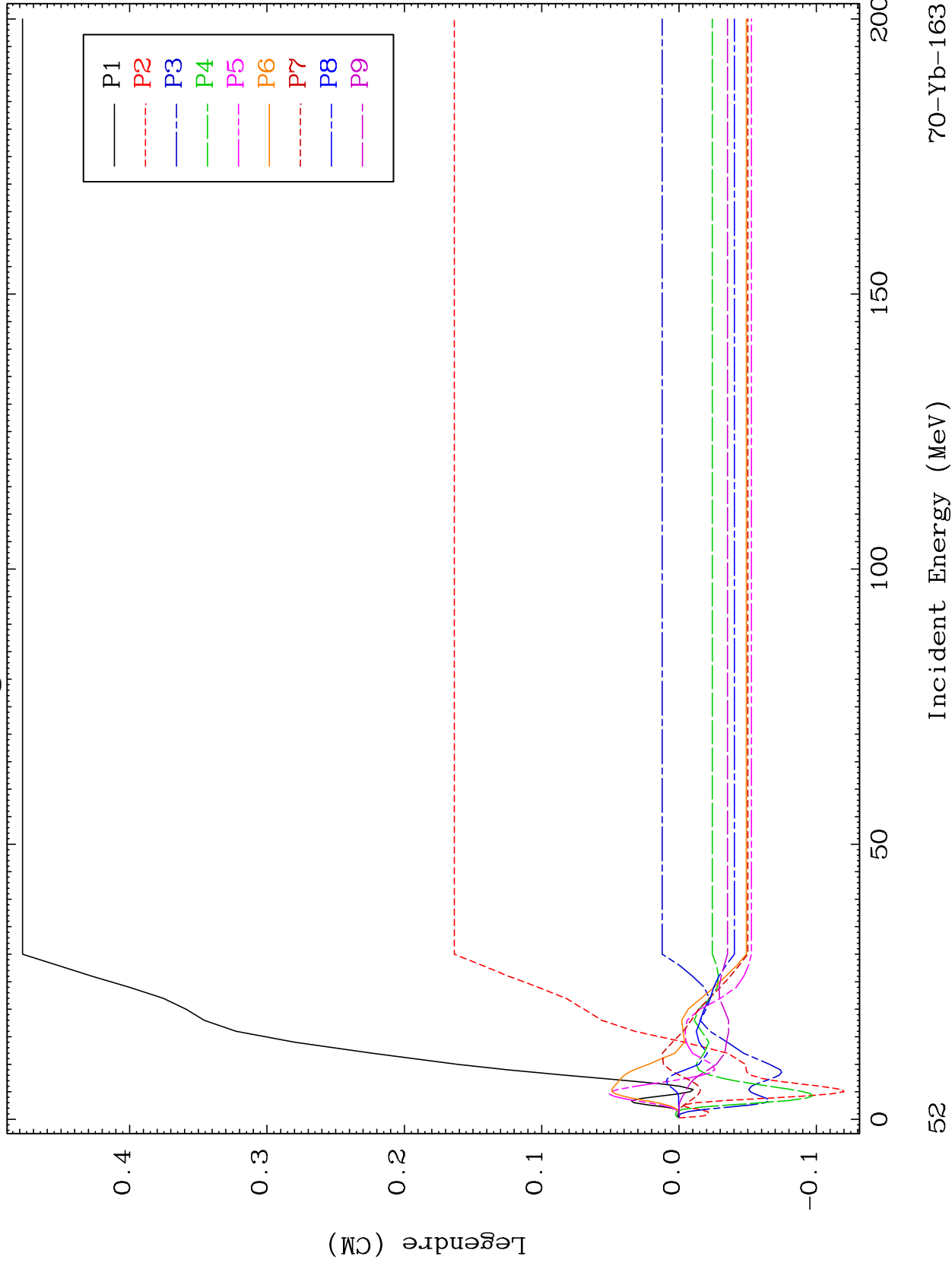
70-Yb-163



MAT 7010

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

70-Yb-163



70-Yb-163

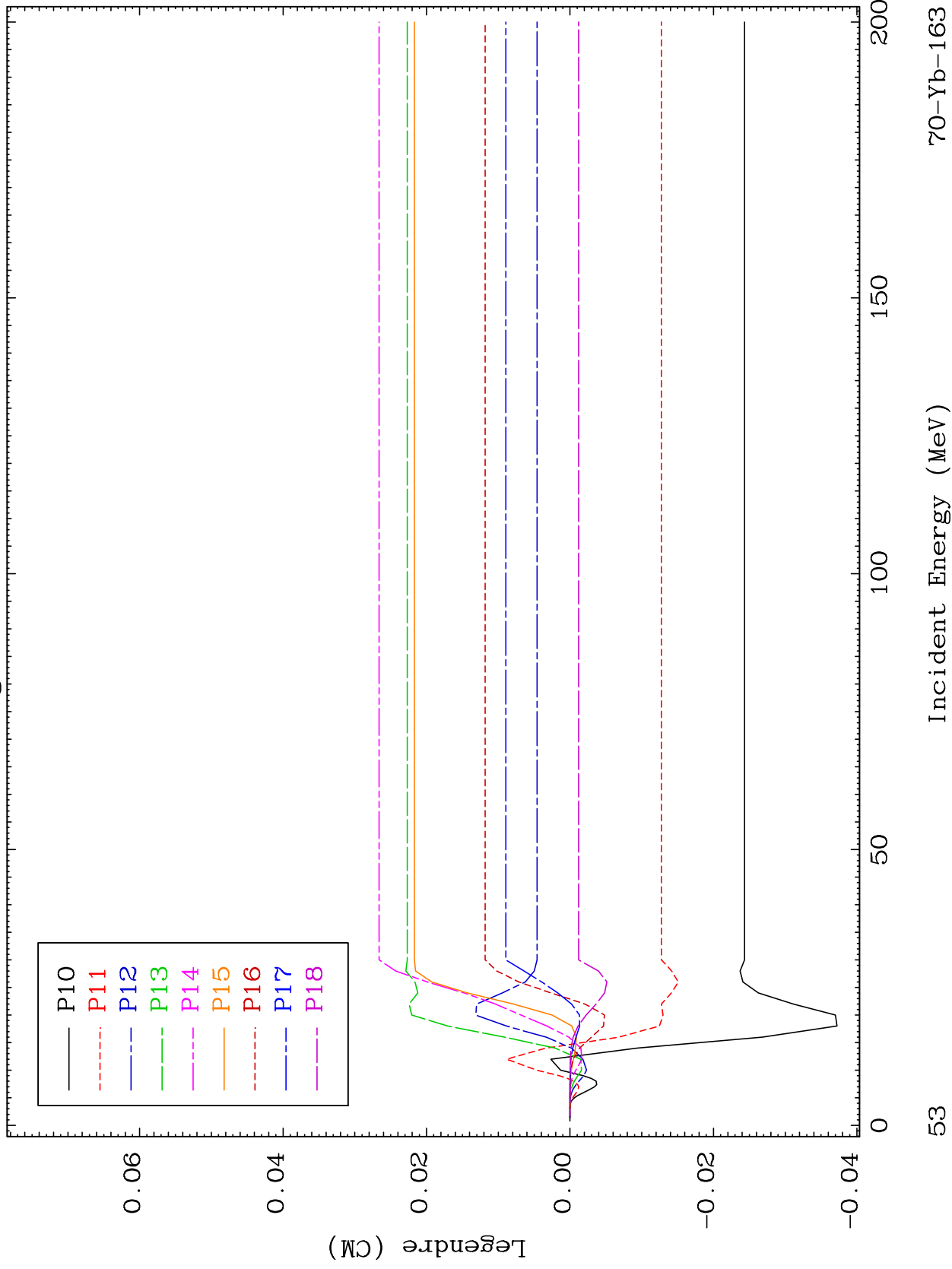
Incident Energy (MeV)

52

MAT 7010

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

70-Yb-163



53

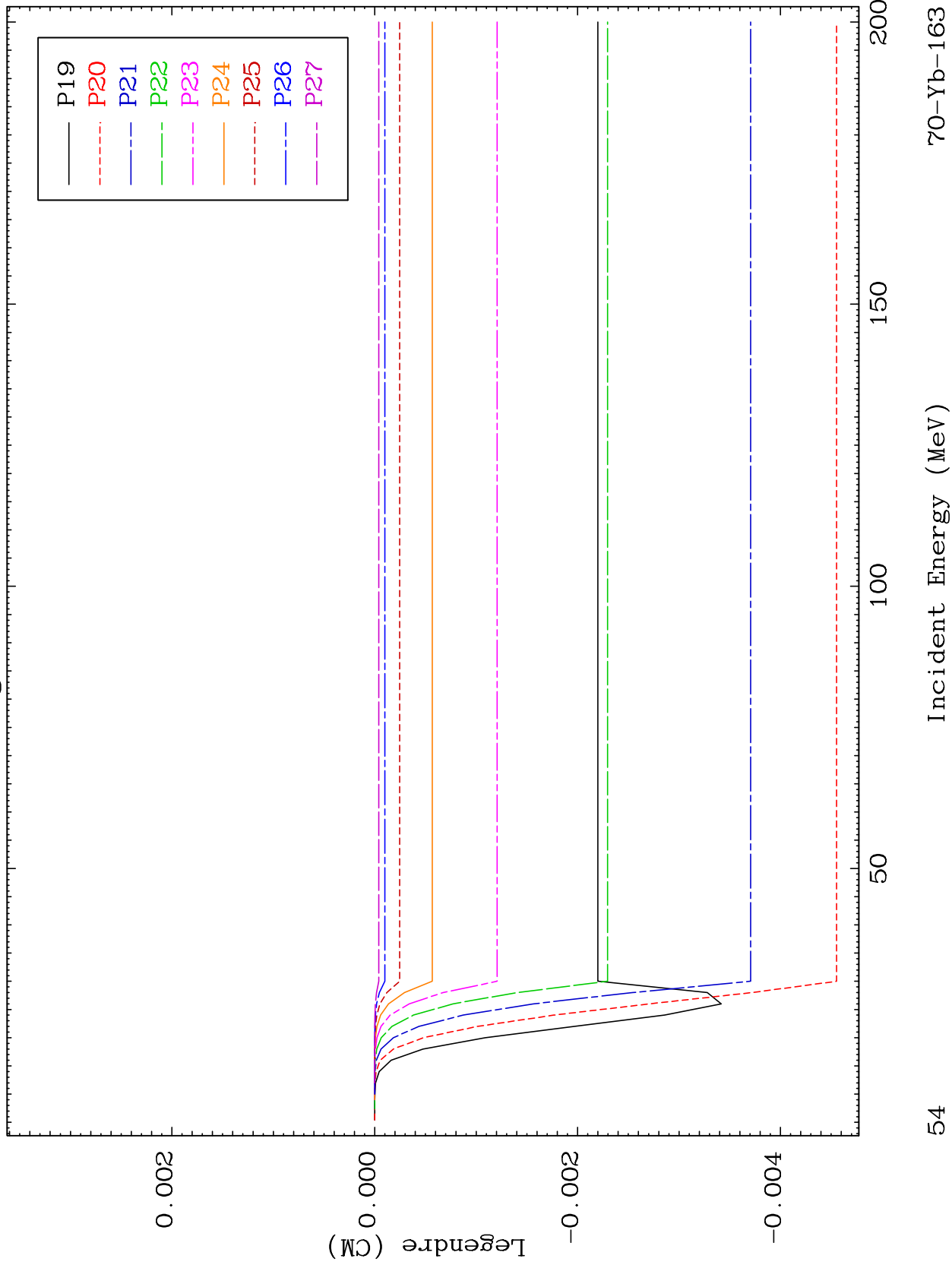
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

70-Yb-163



54

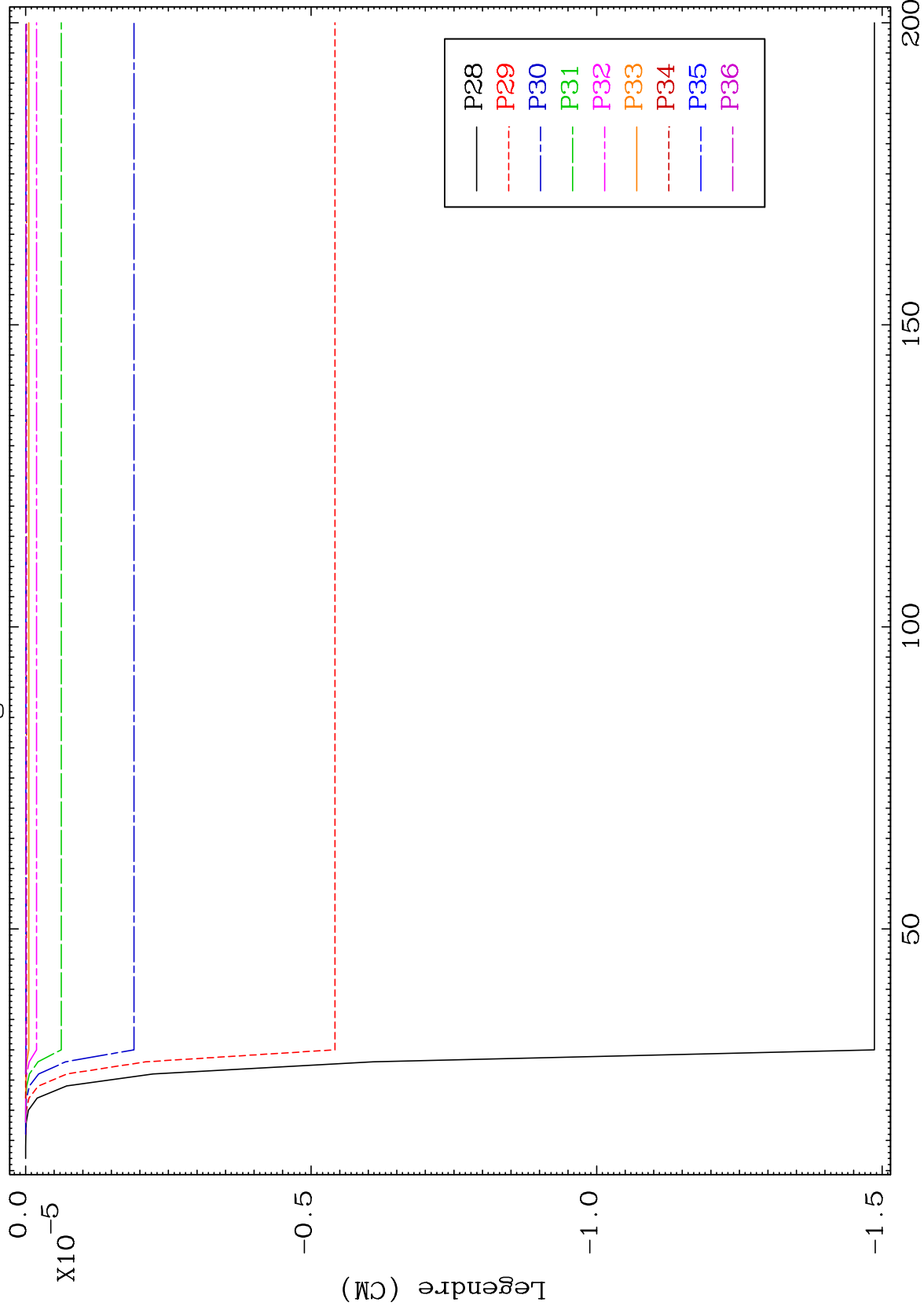
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

70-Yb-163



70-Yb-163

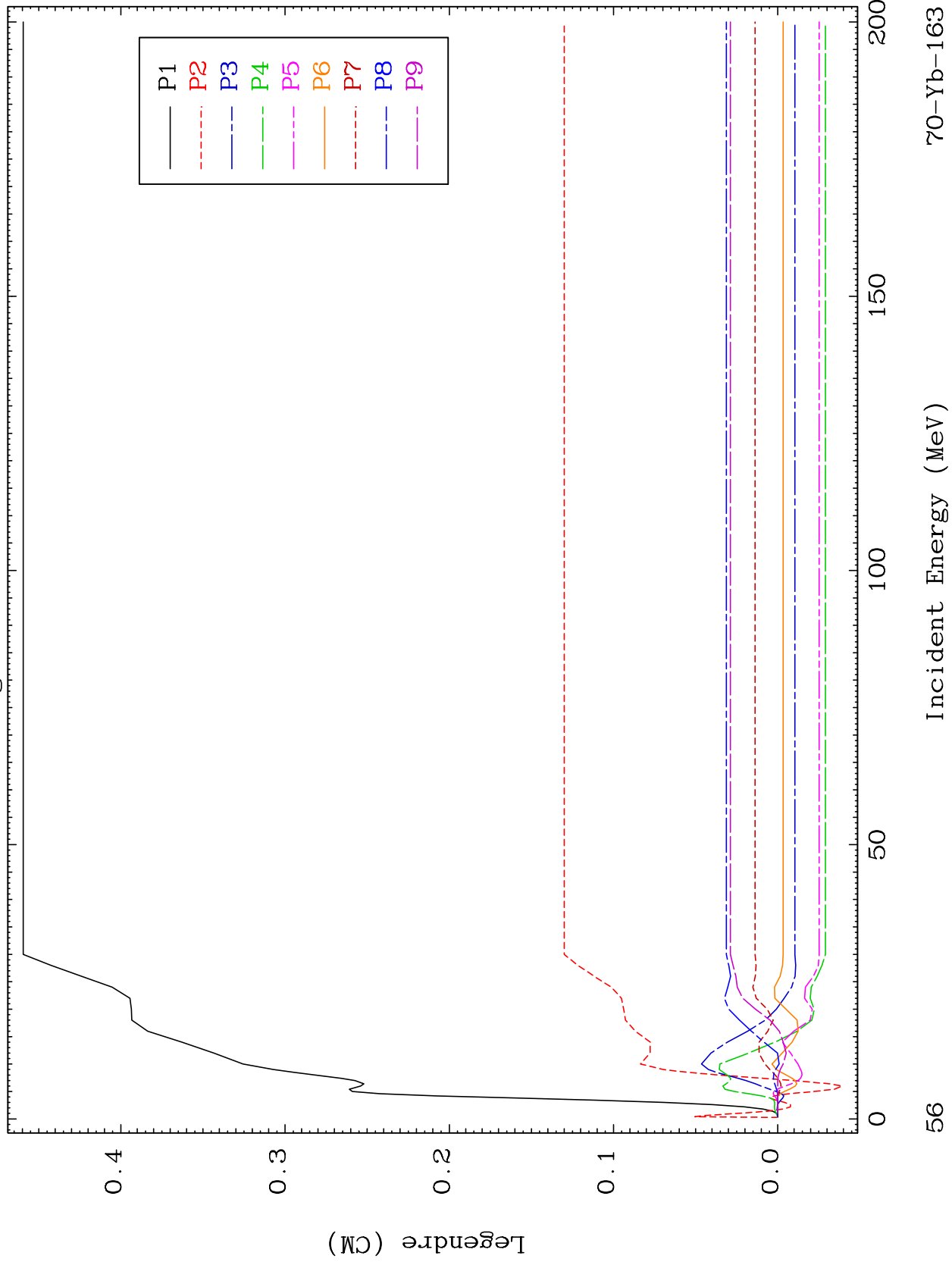
Incident Energy (MeV)

55

MAT 7010

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

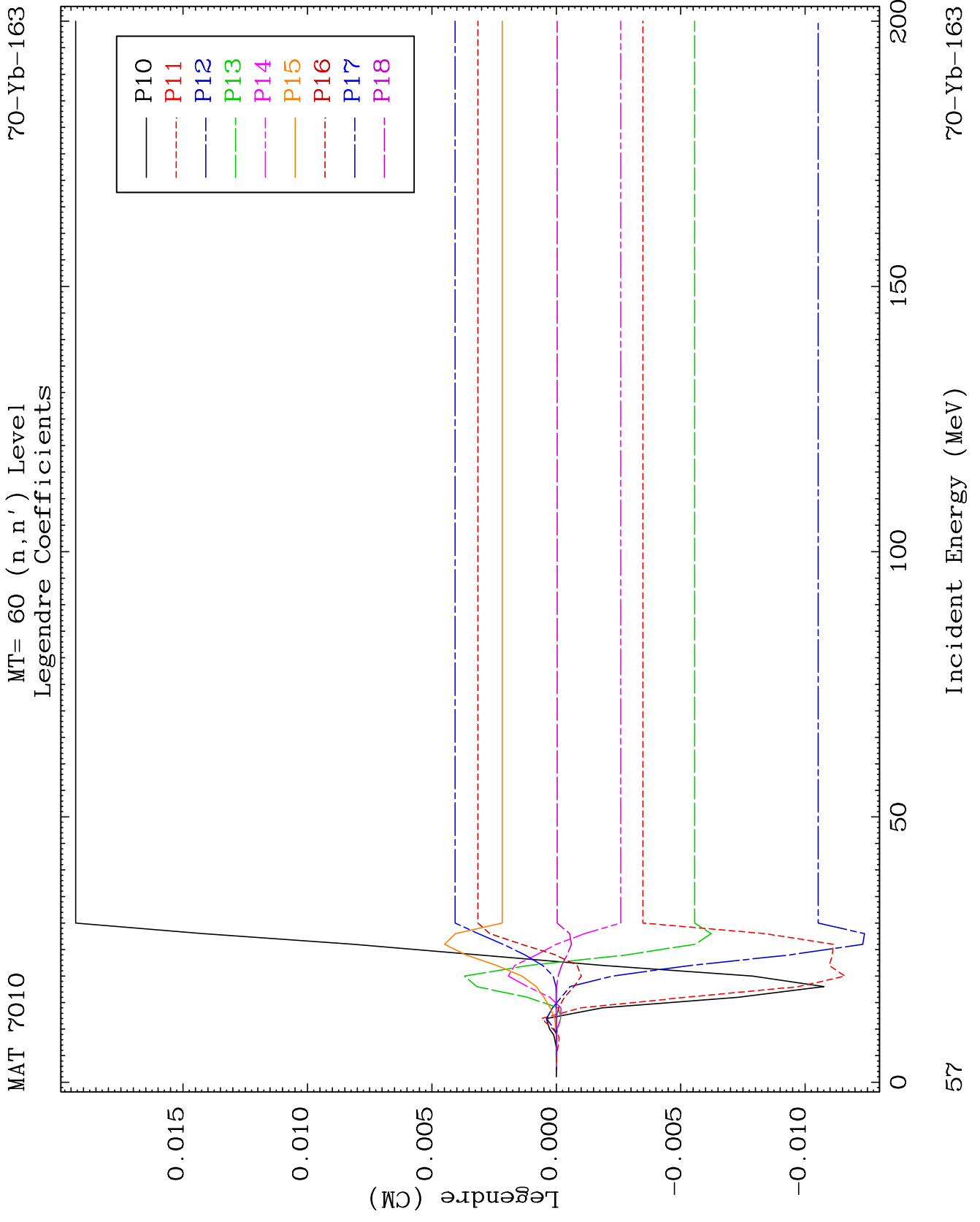
70-Yb-163



70-Yb-163

Incident Energy (MeV)

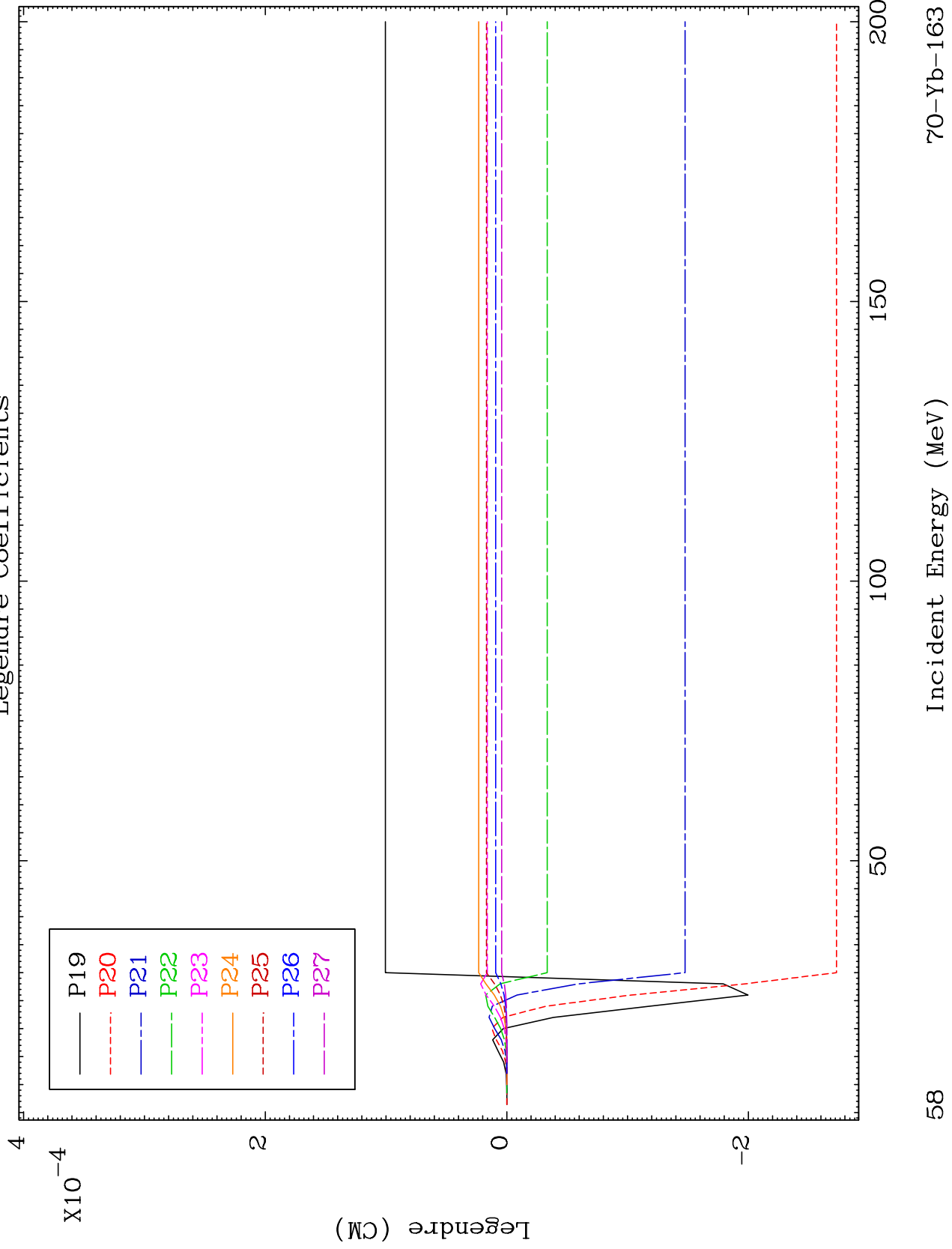
56



MAT 7010

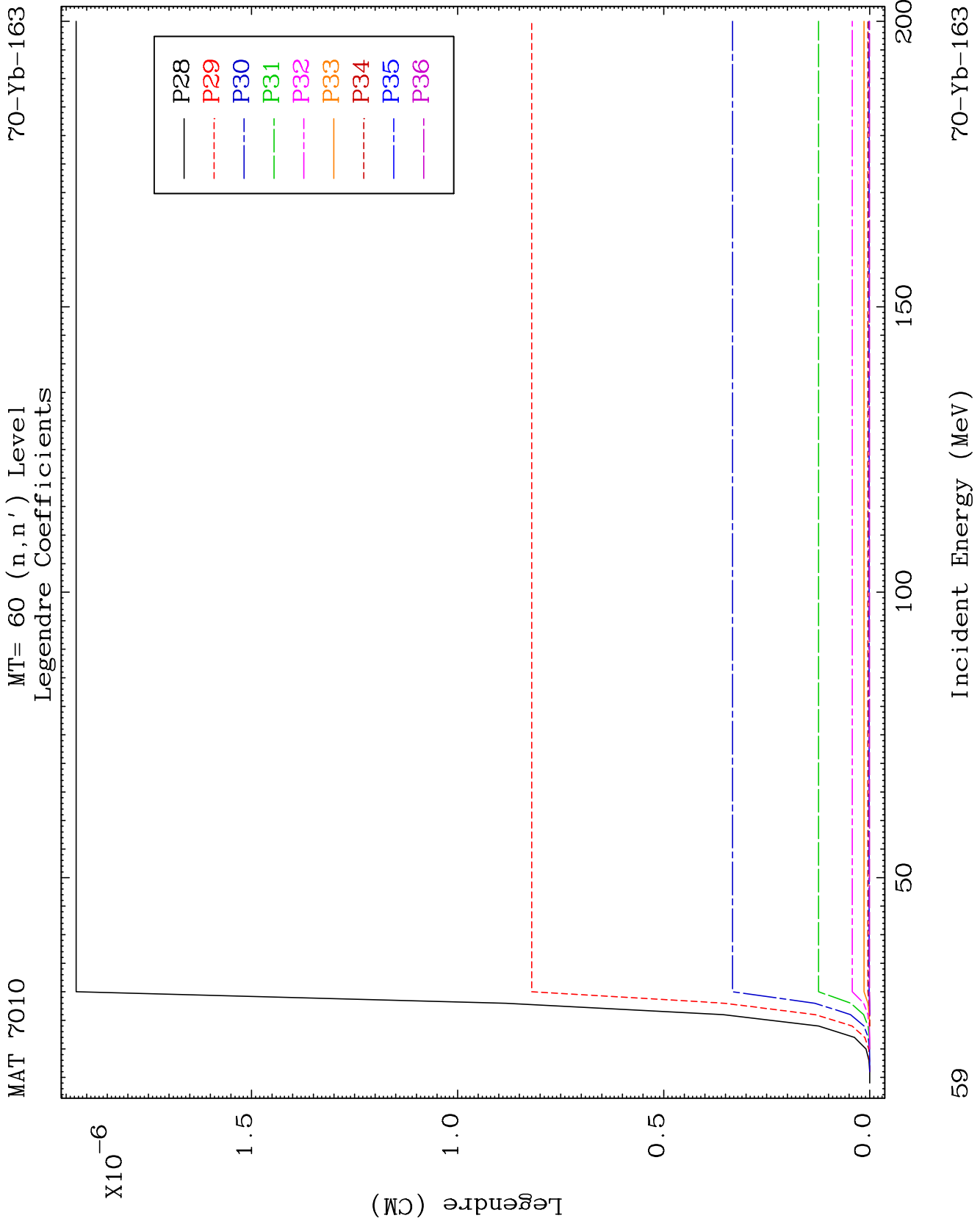
MT= 60 (n,n') Level
Legendre Coefficients

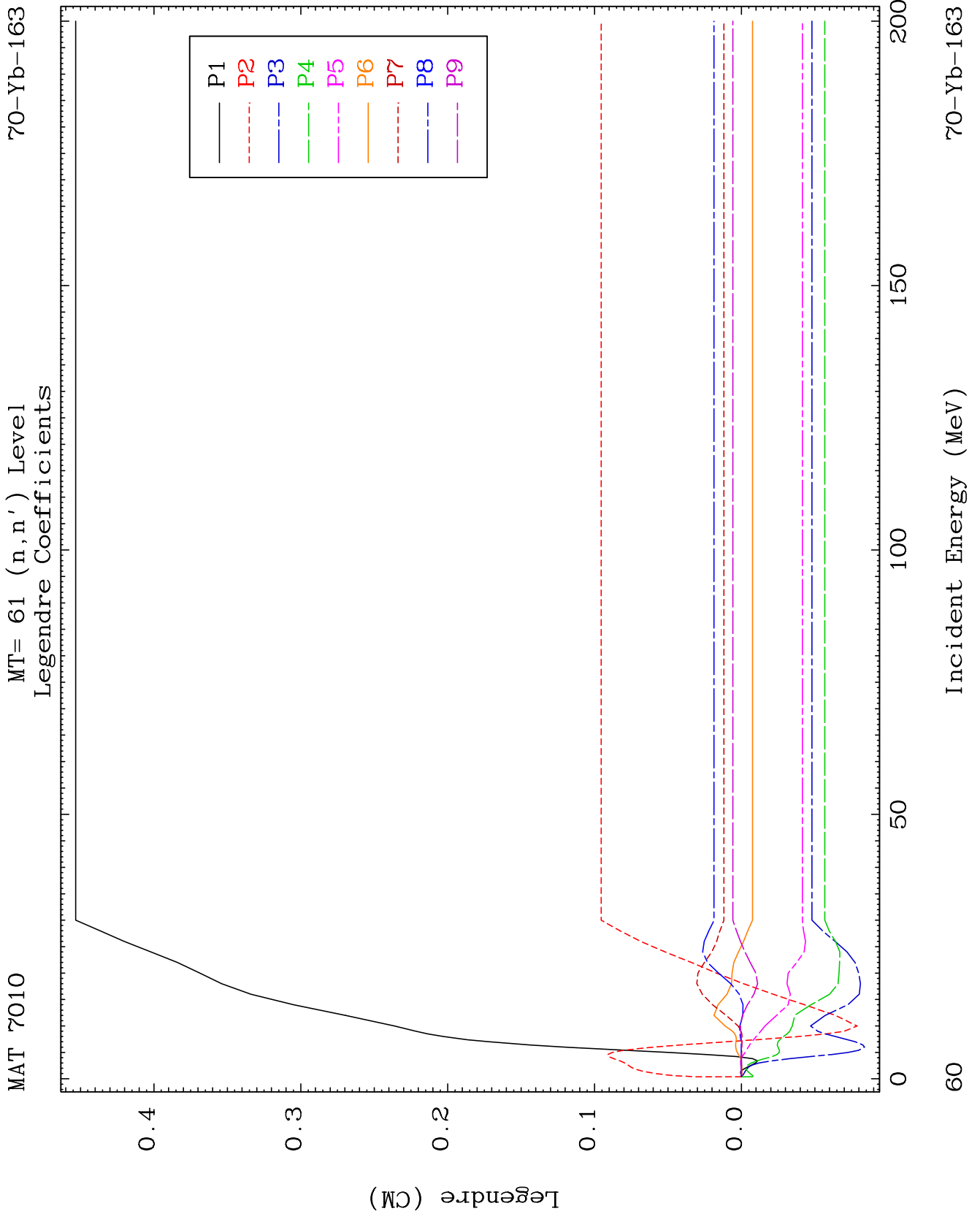
70-Yb-163



58

70-Yb-163

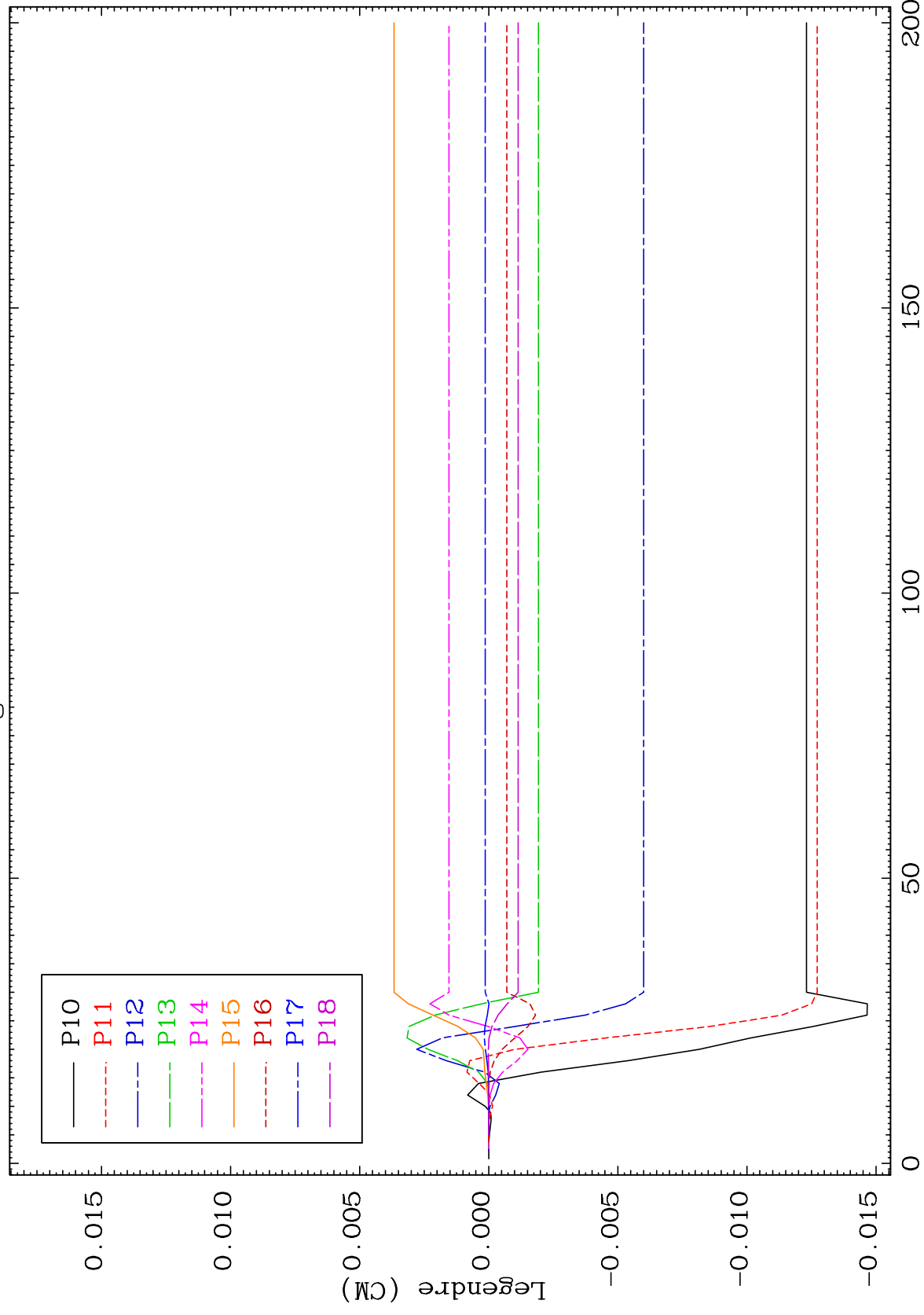




MAT 7010

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

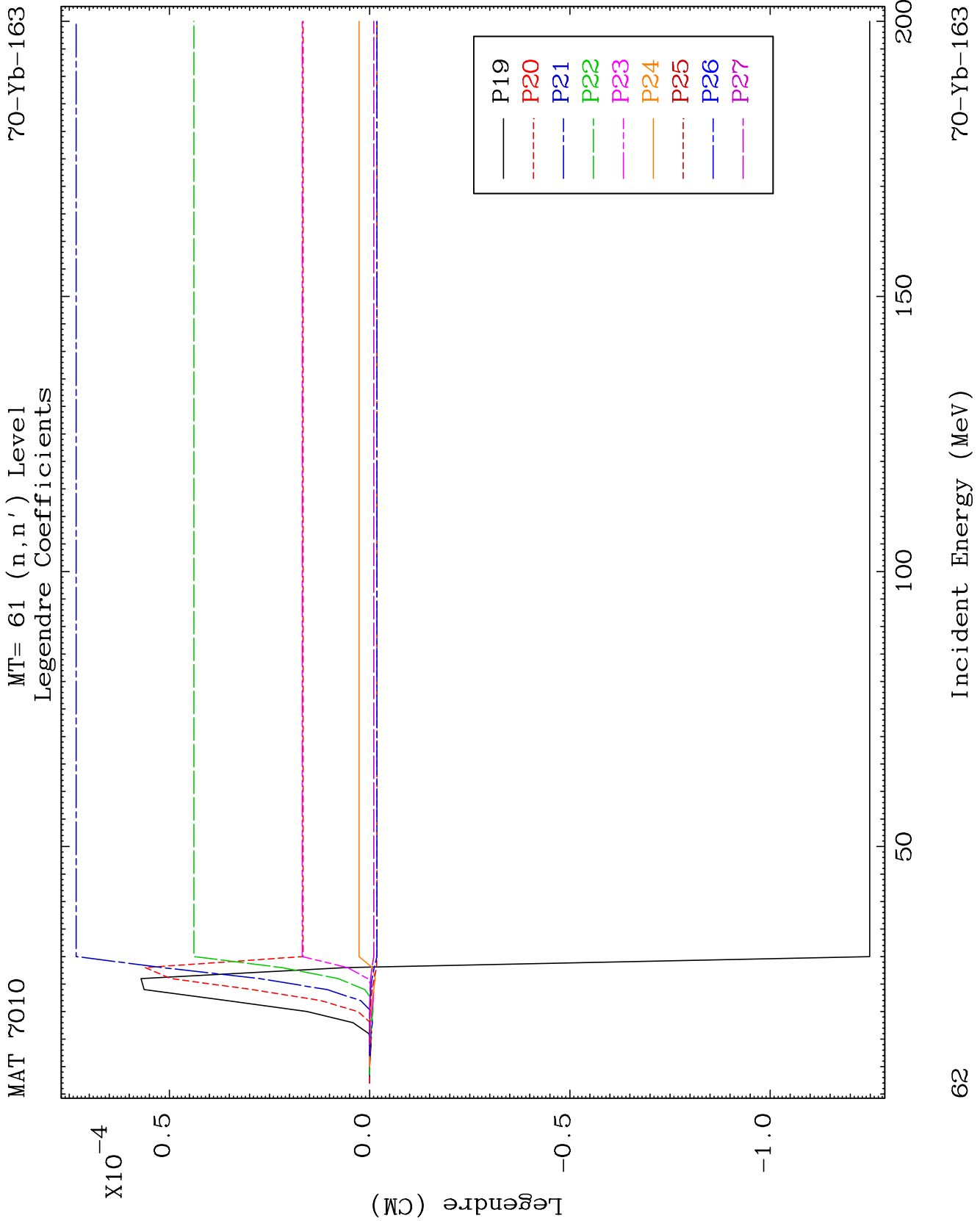
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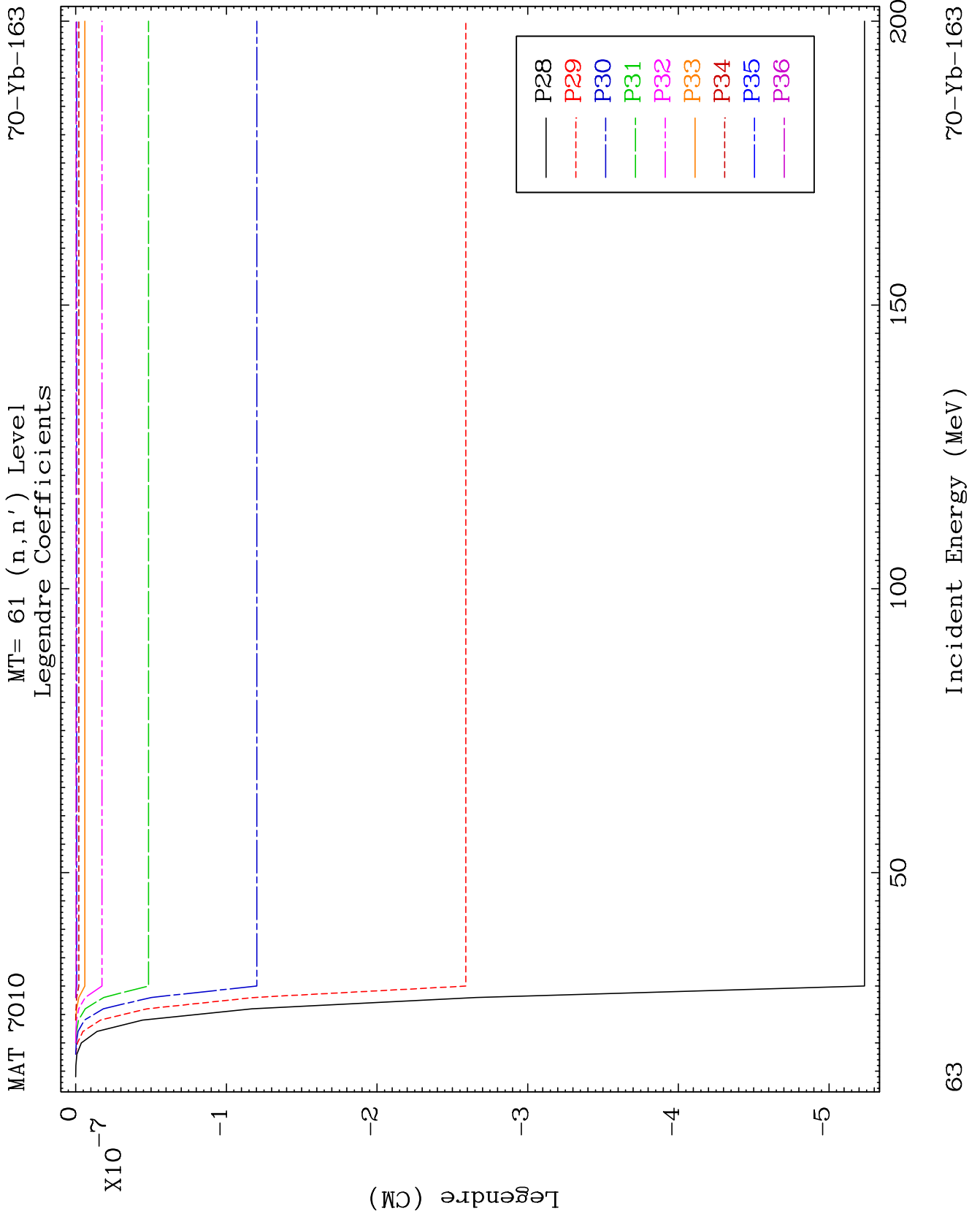


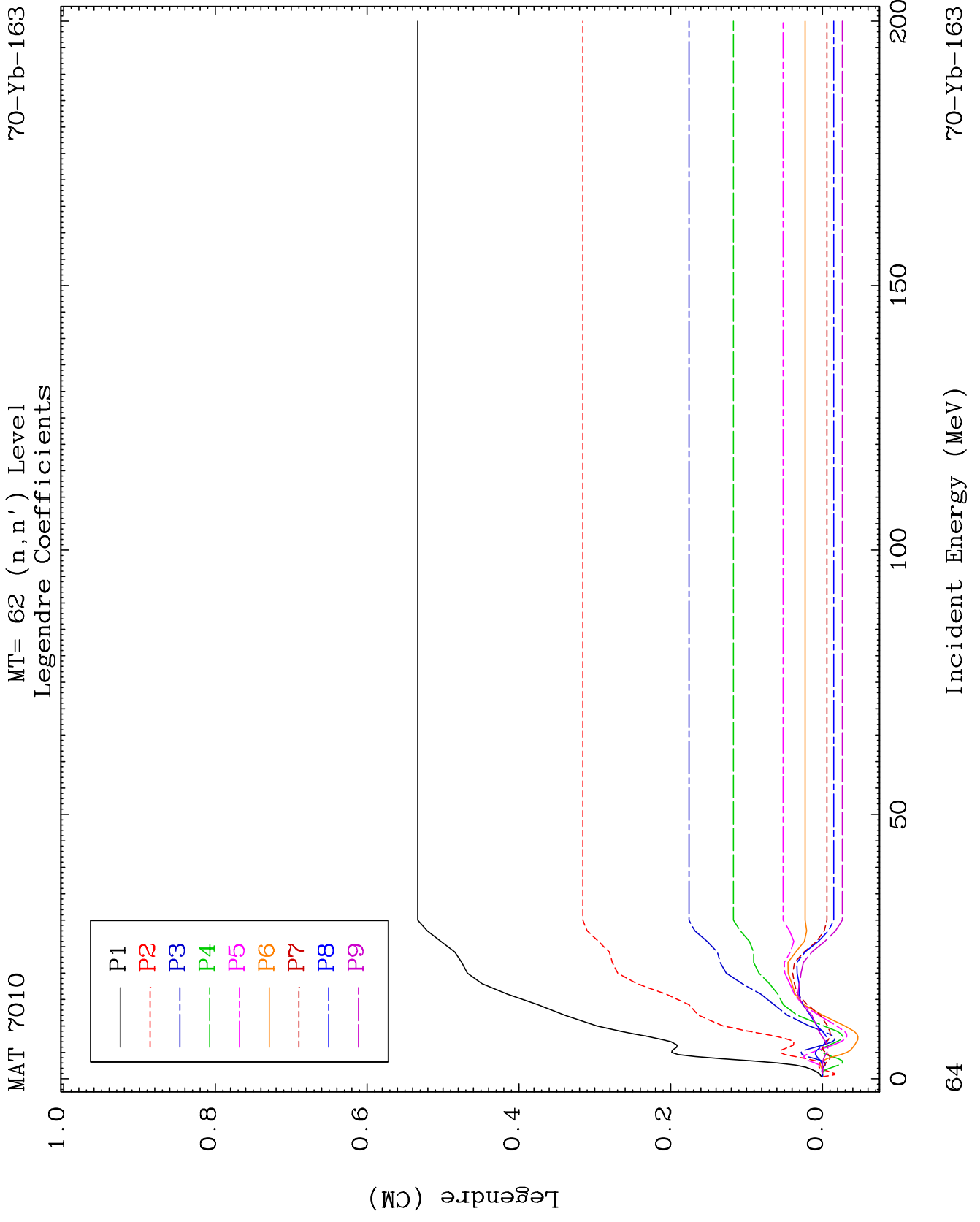
Incident Energy (MeV)

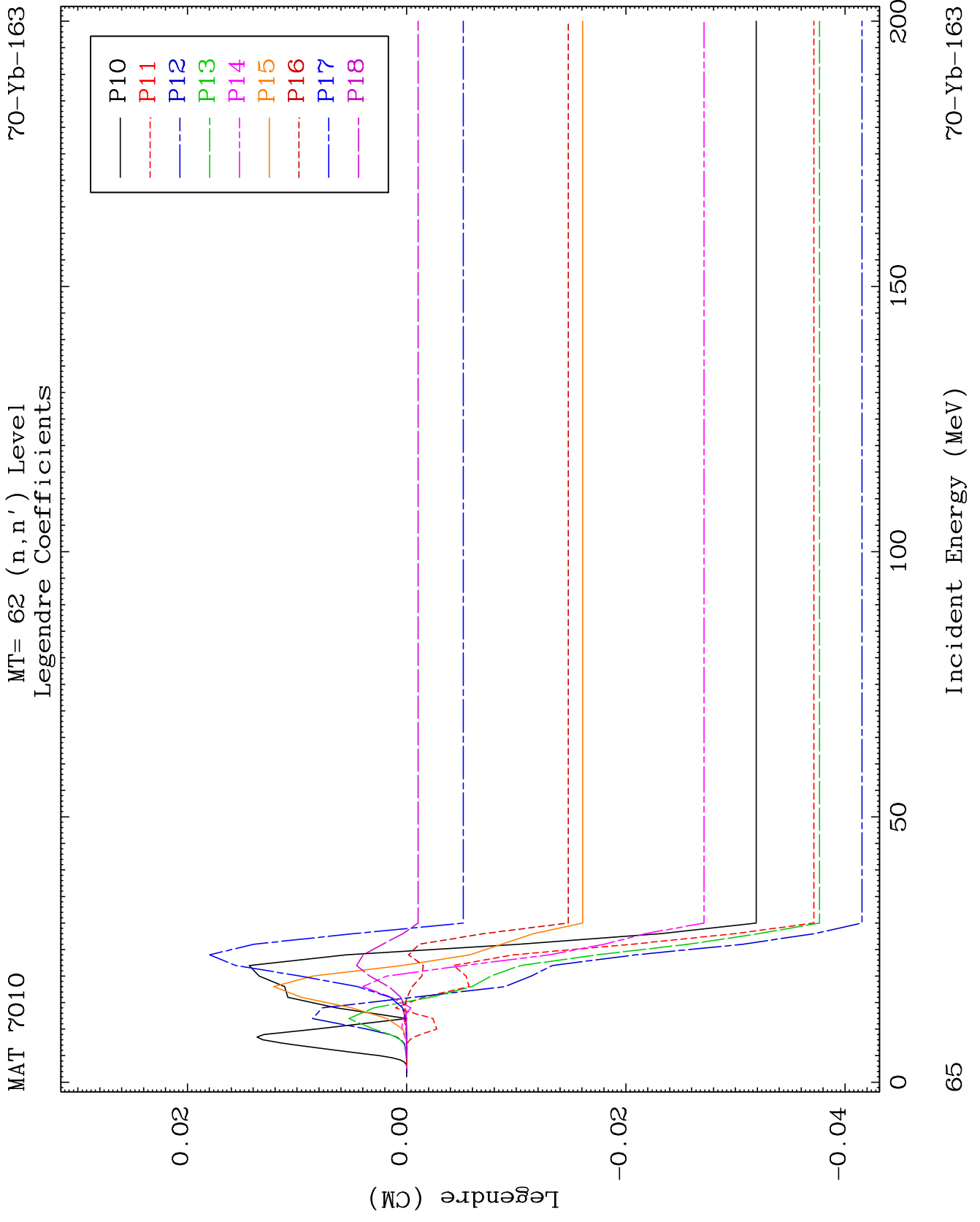
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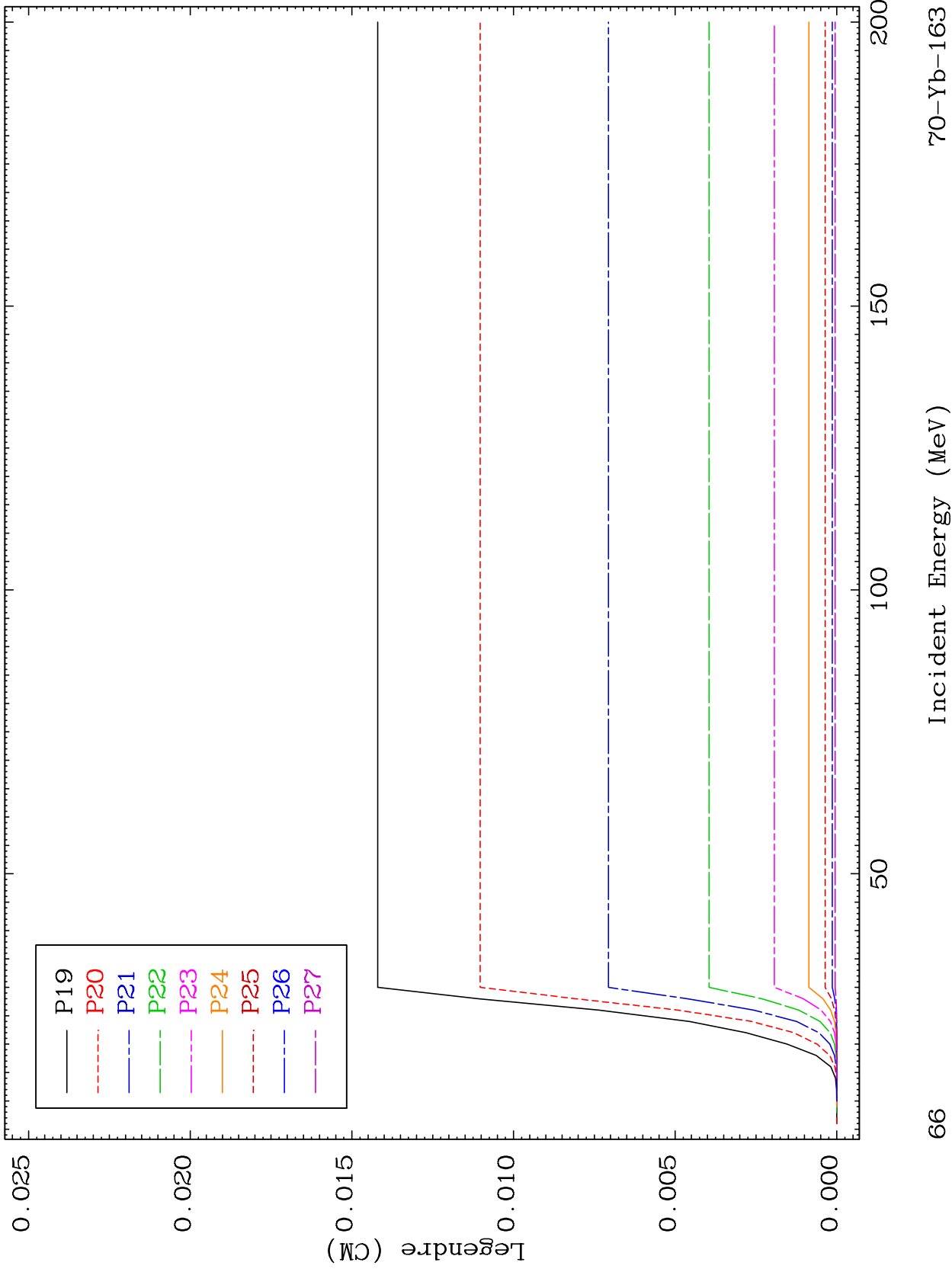
61







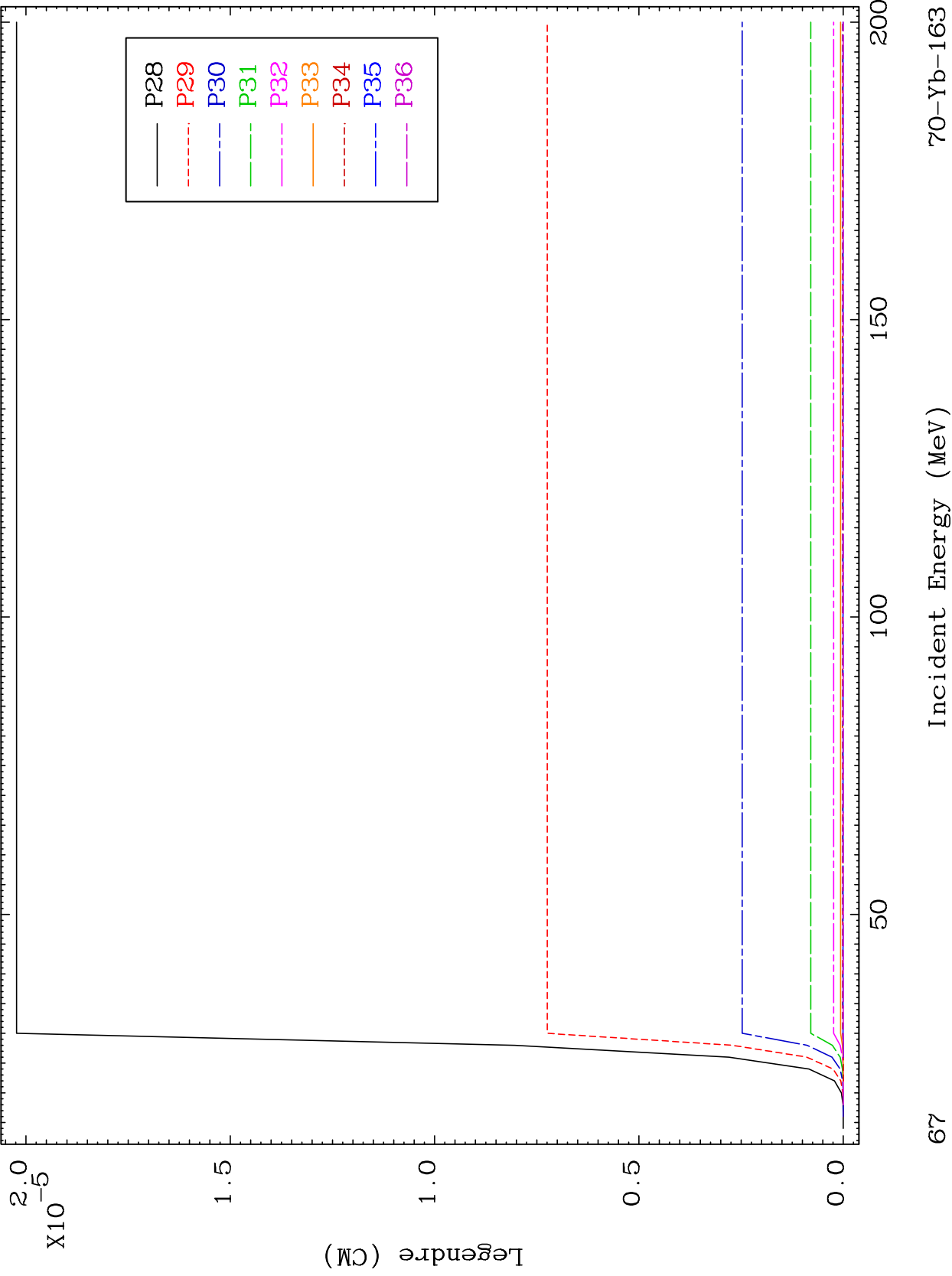


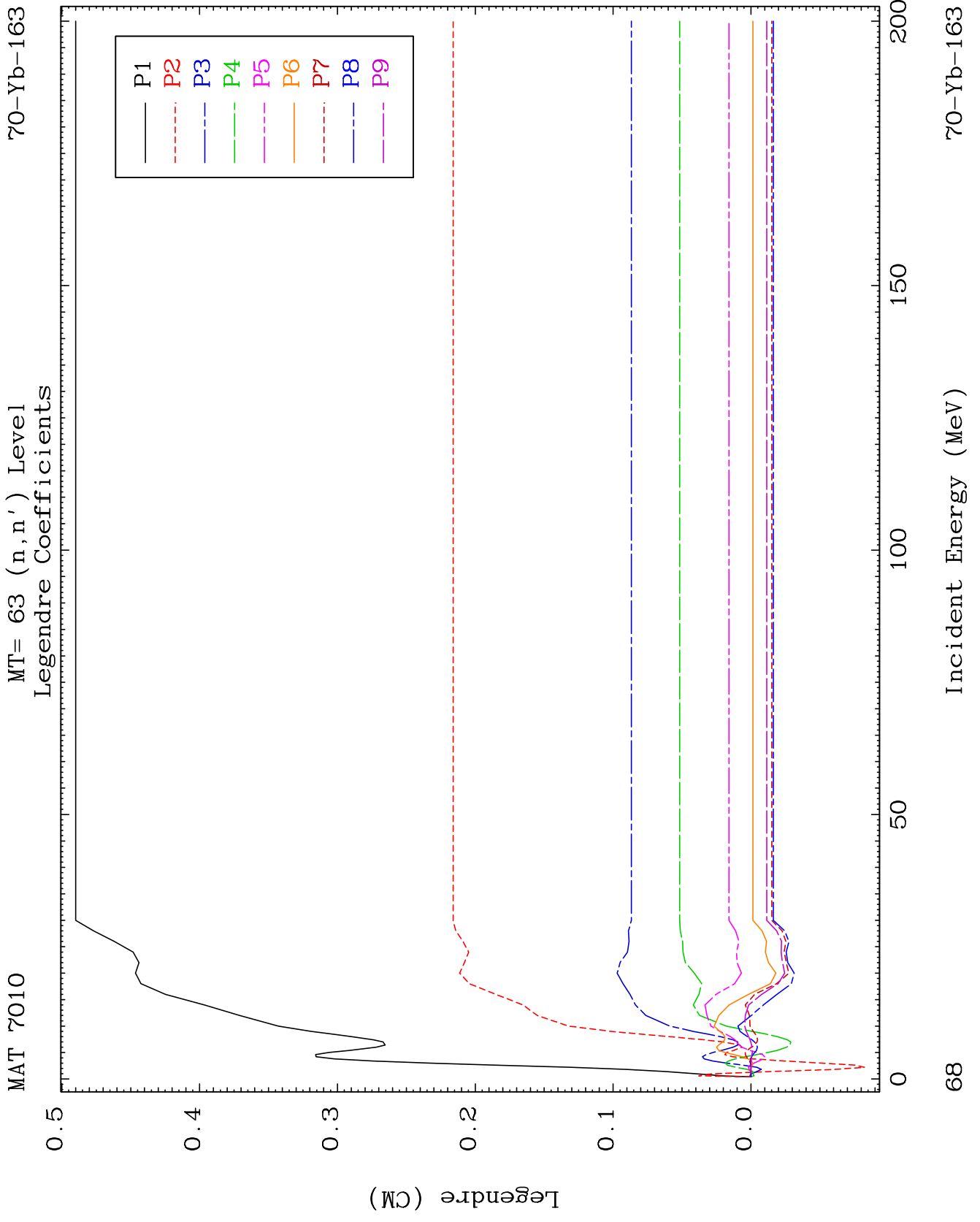


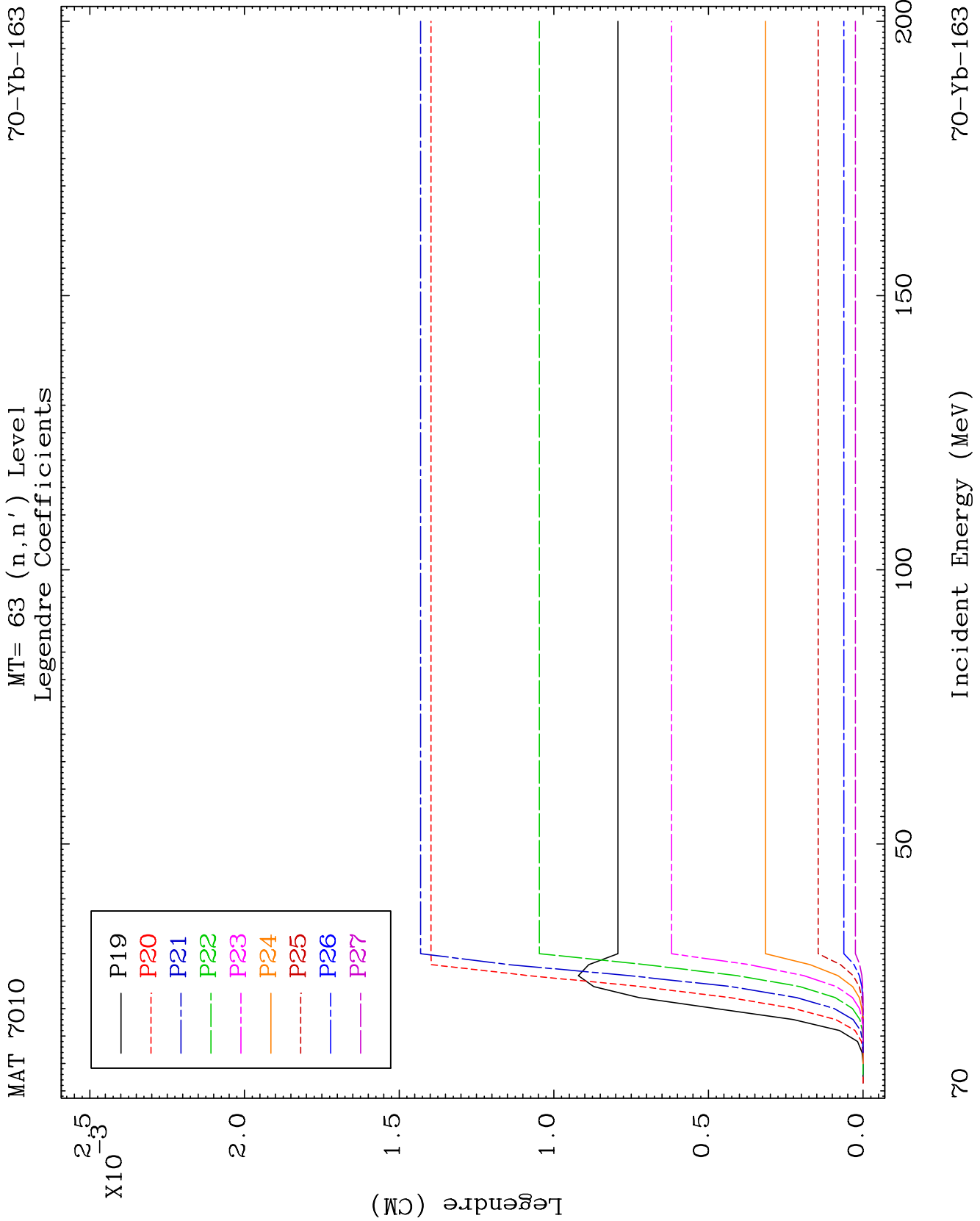
MAT 7010

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

70-Yb-163



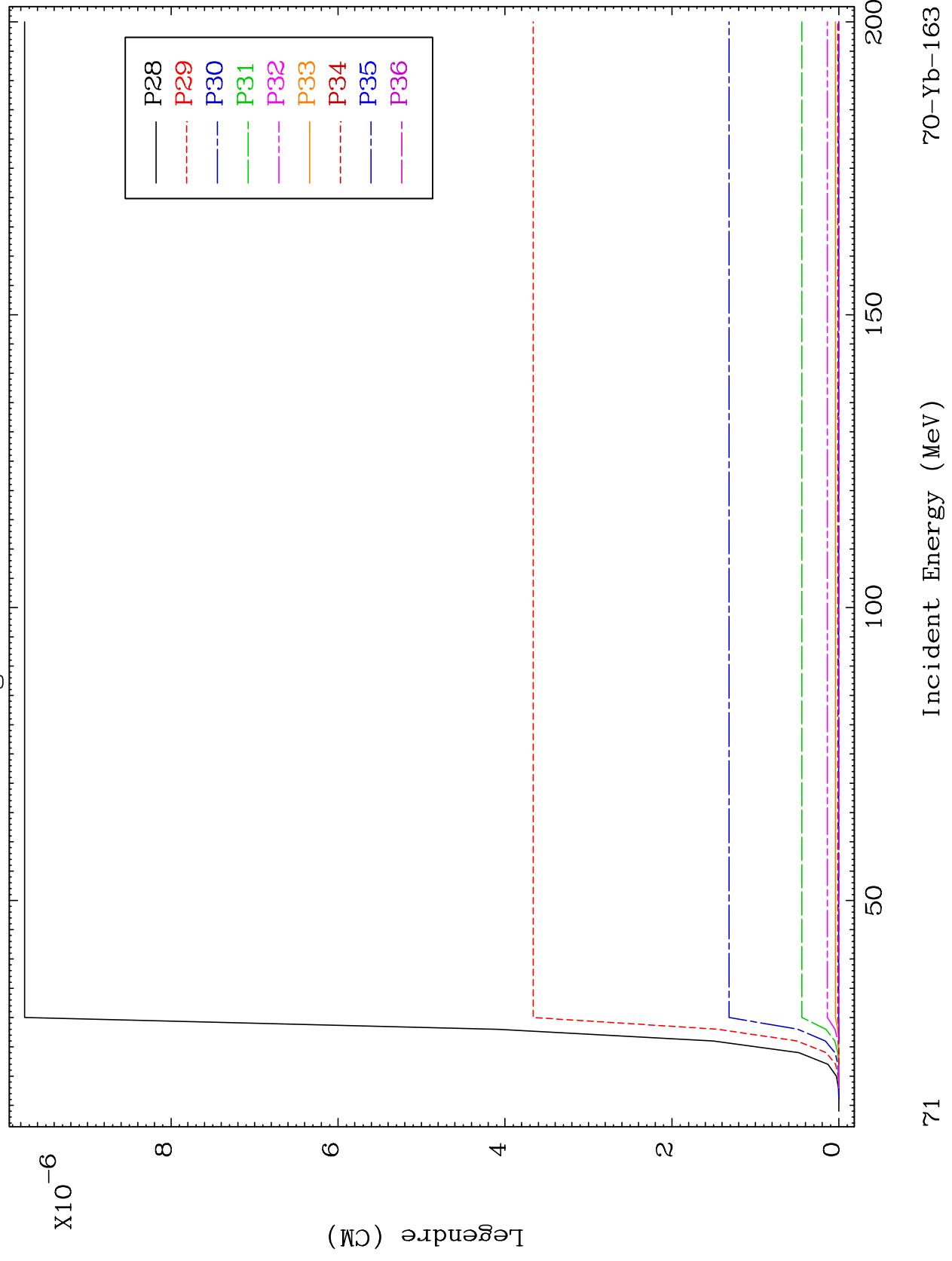




MAT 7010

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

70-Yb-163



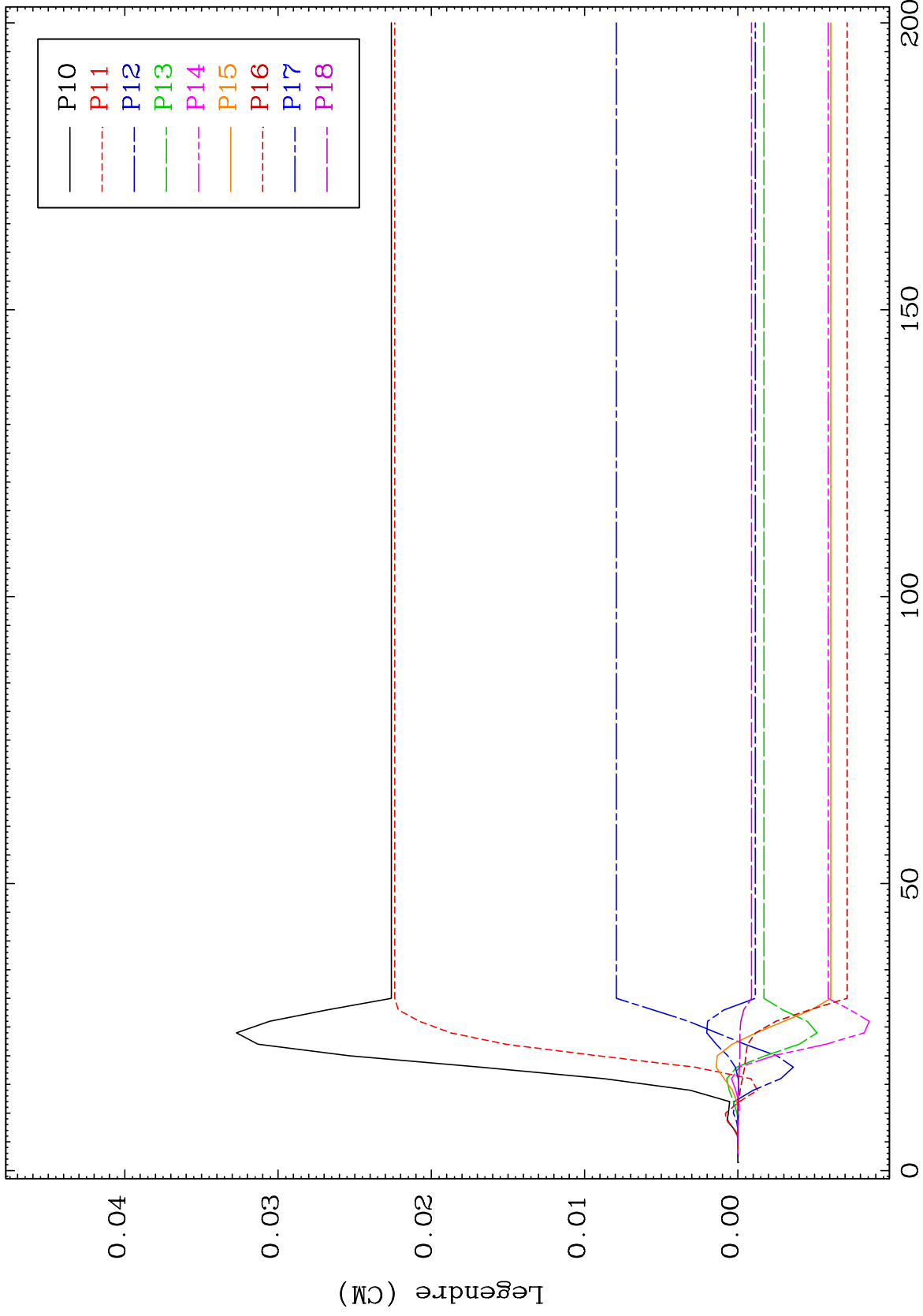
71

70-Yb-163

MAT 7010

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

70-Yb-163



73

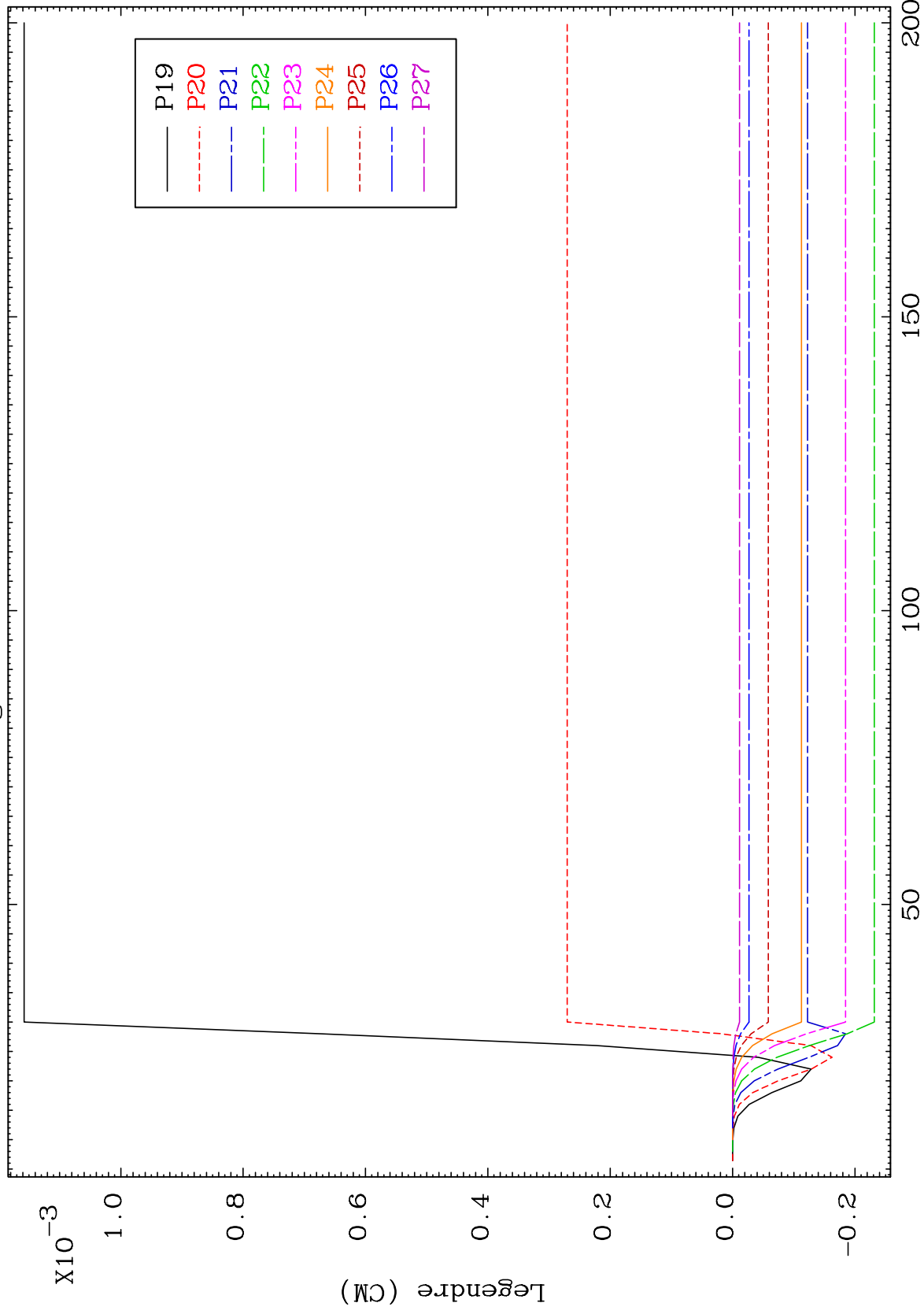
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

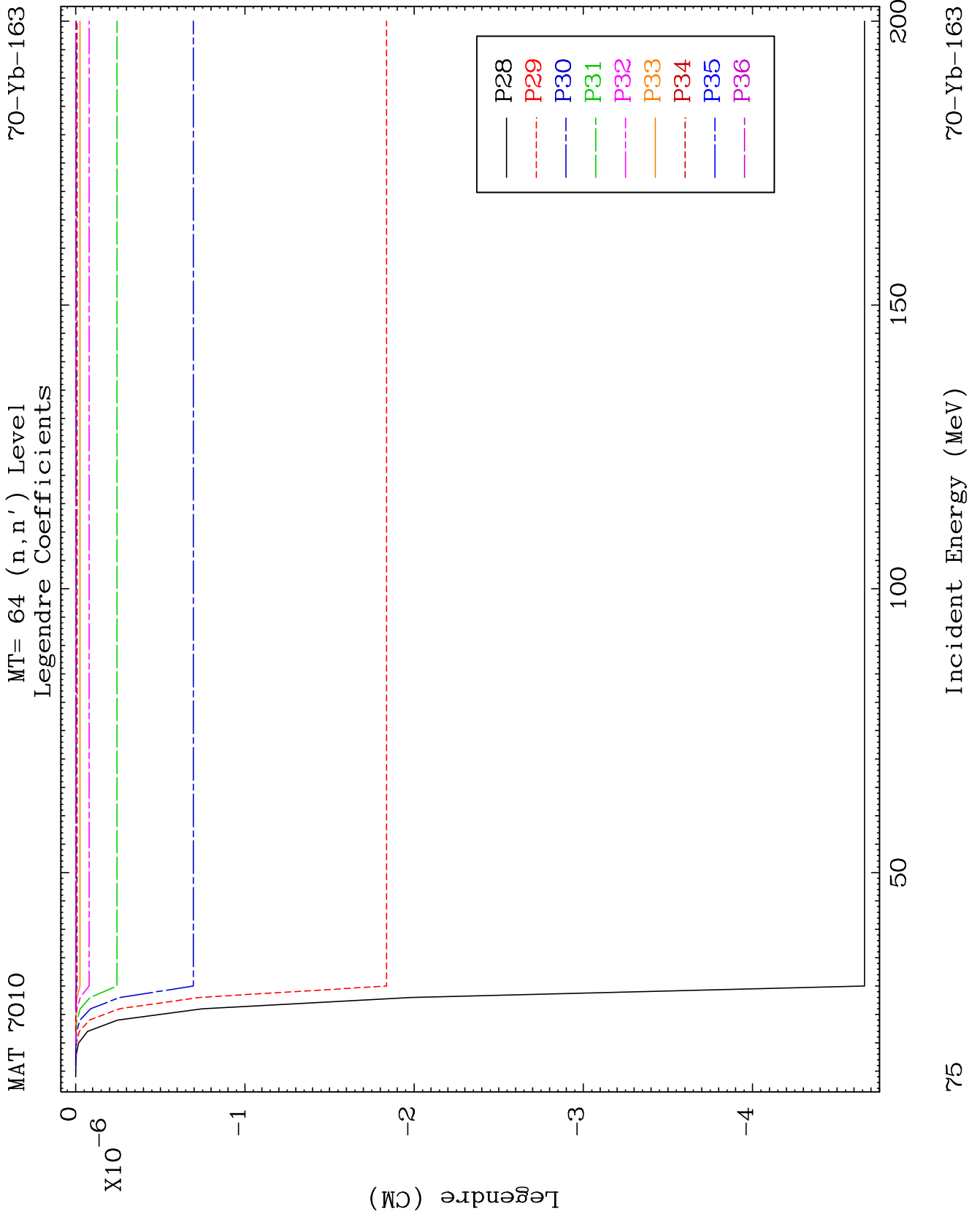
70-Yb-163

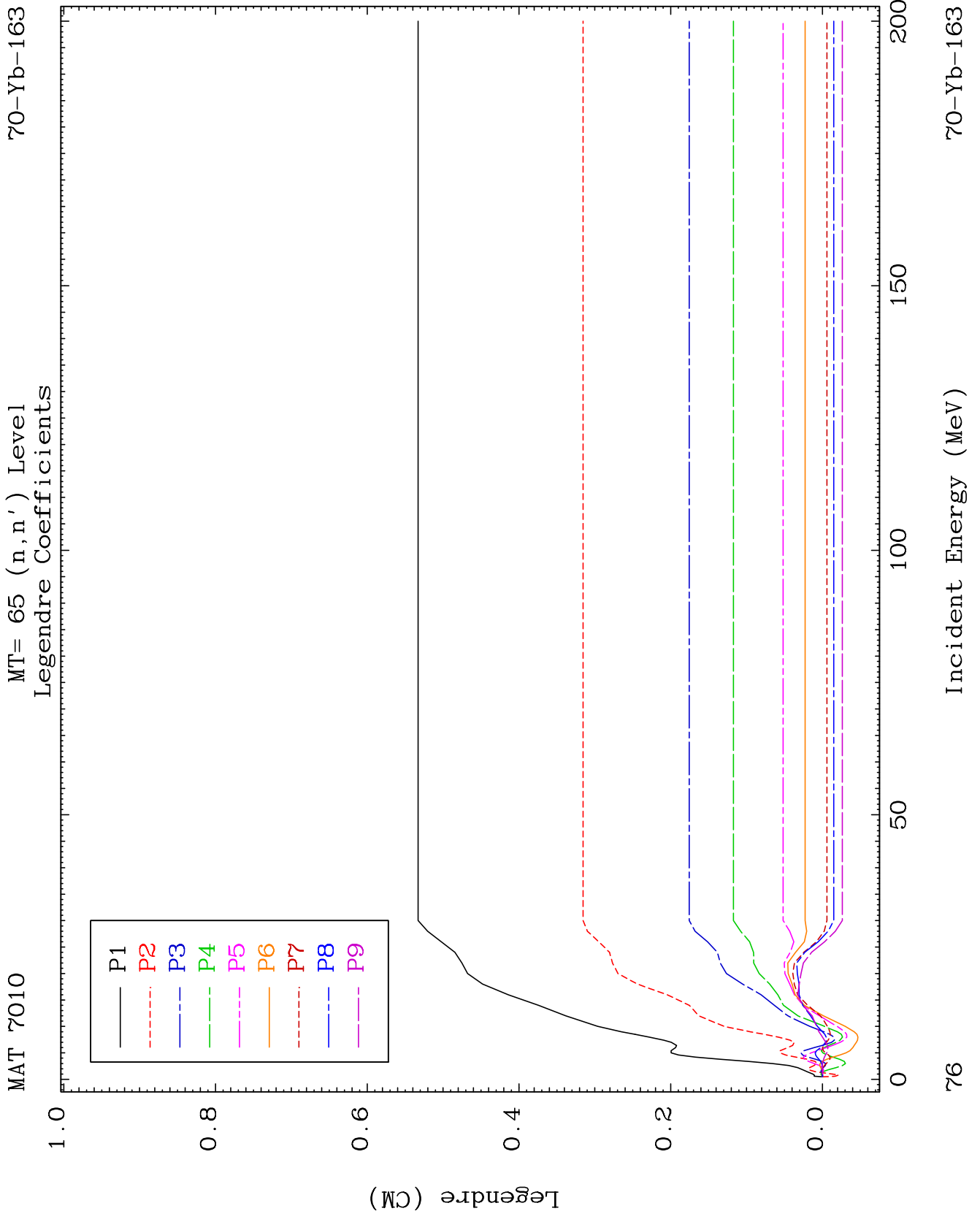


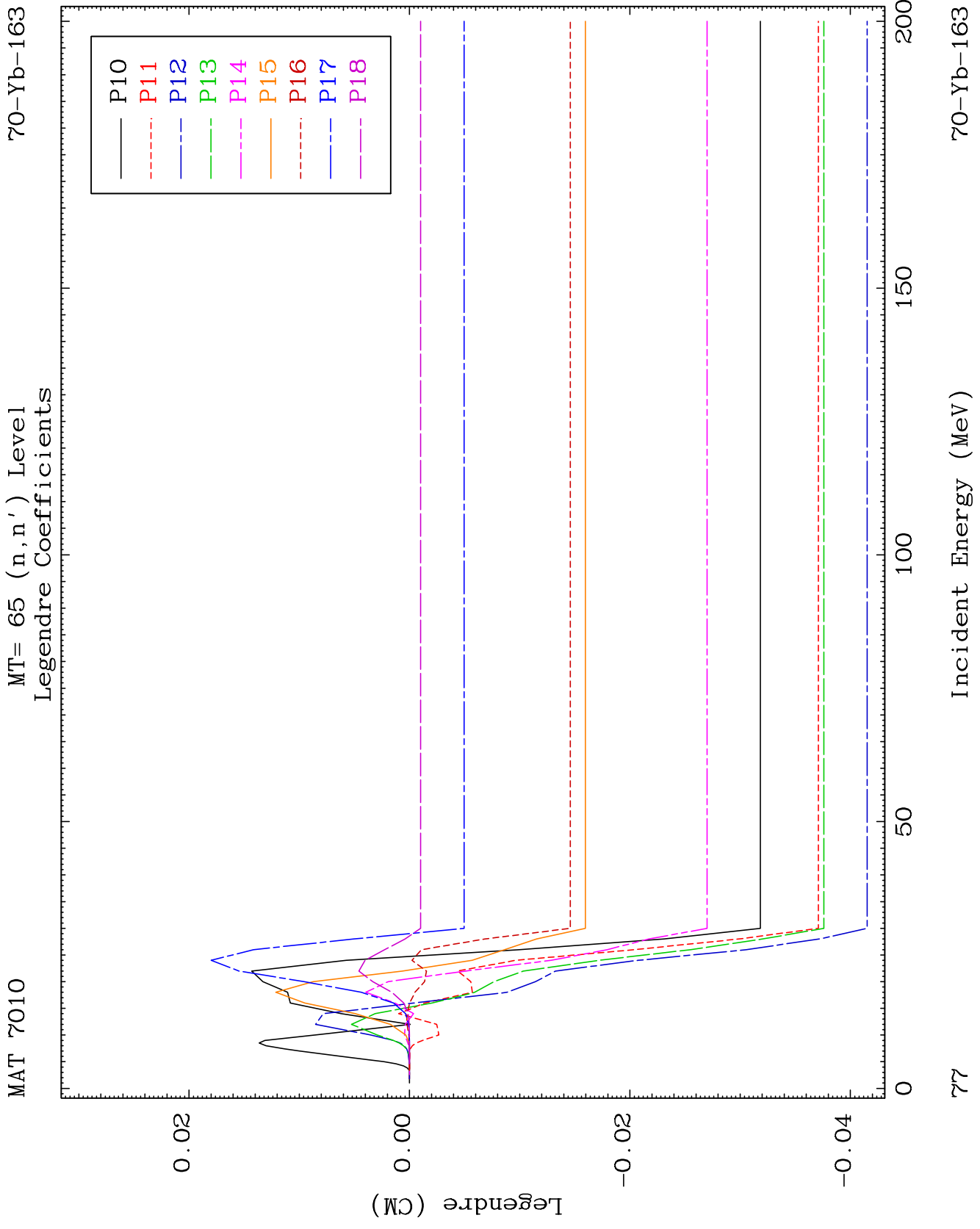
74

Incident Energy (MeV)

70-Yb-163



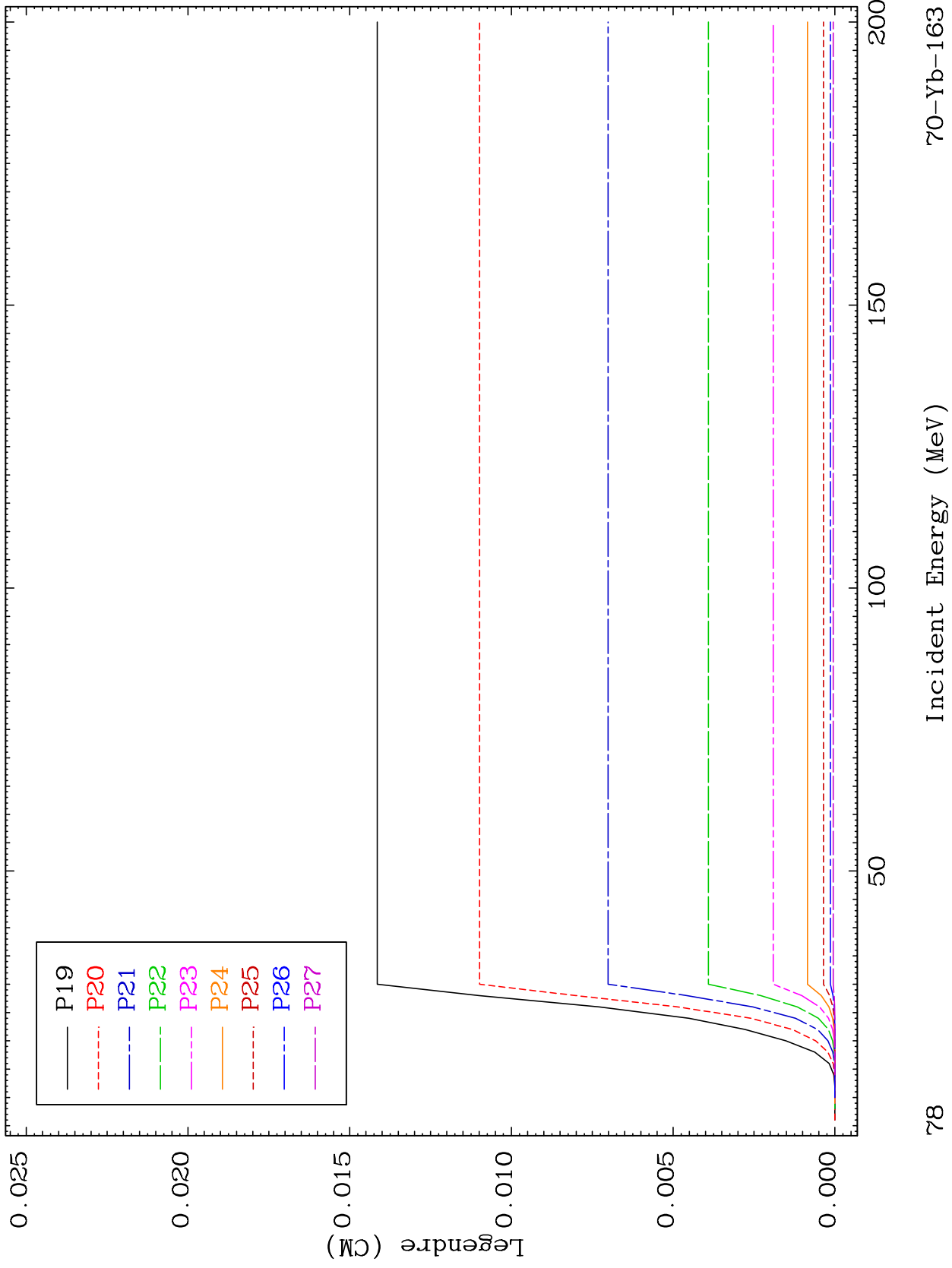




MAT 7010

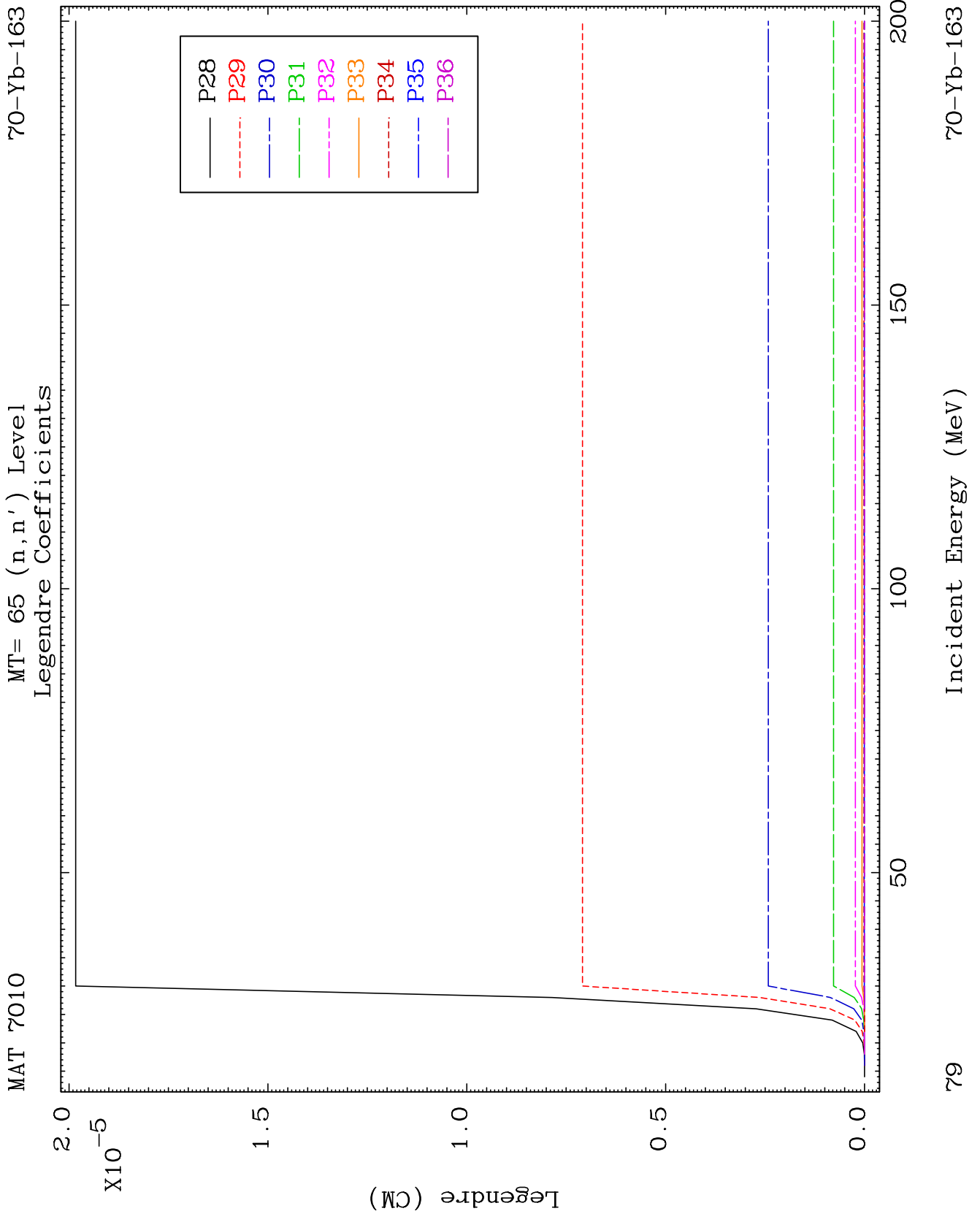
MT= 65 (n,n') Level
Legendre Coefficients

70-Yb-163



78

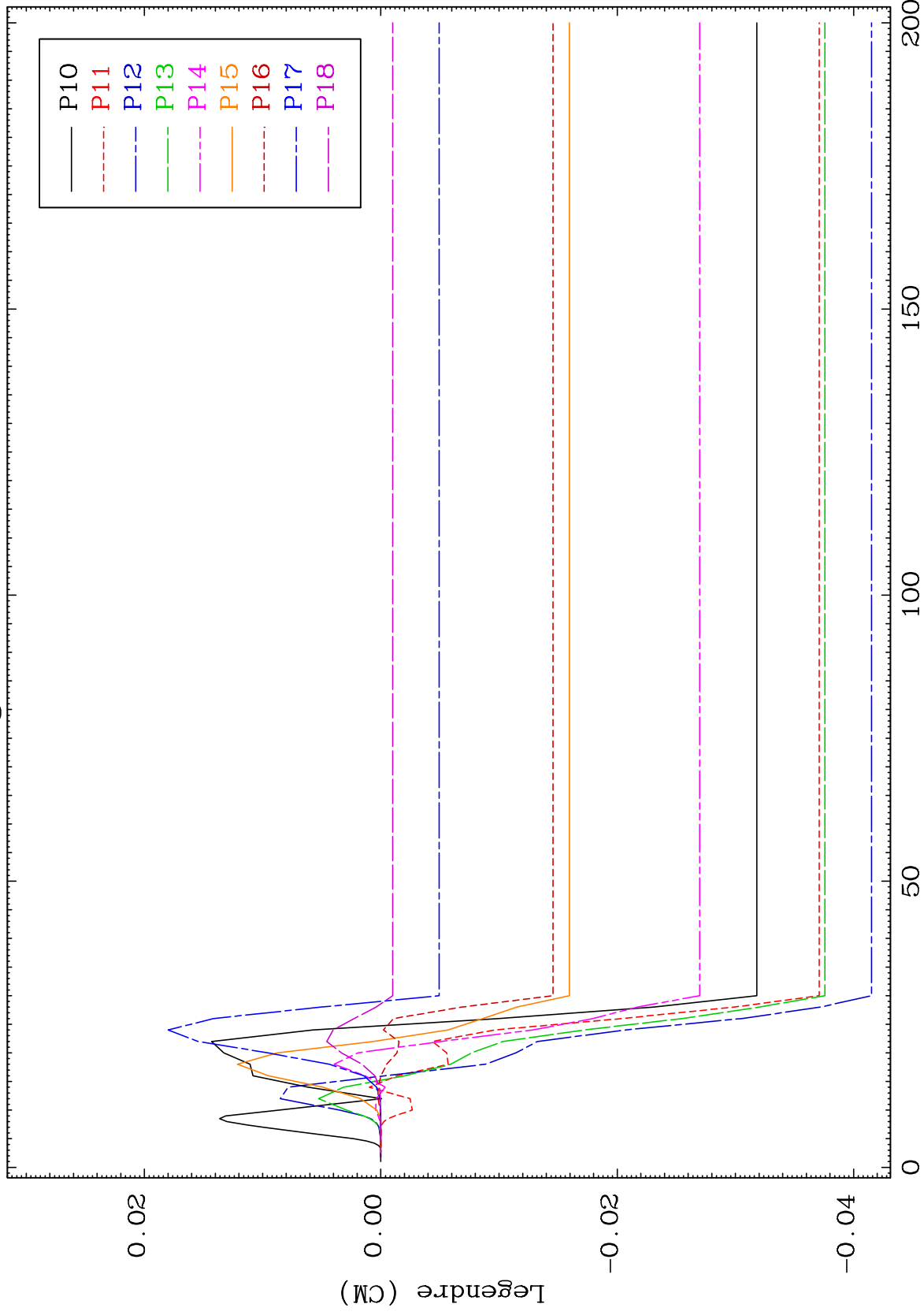
70-Yb-163



MAT 7010

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

70-Yb-163



81

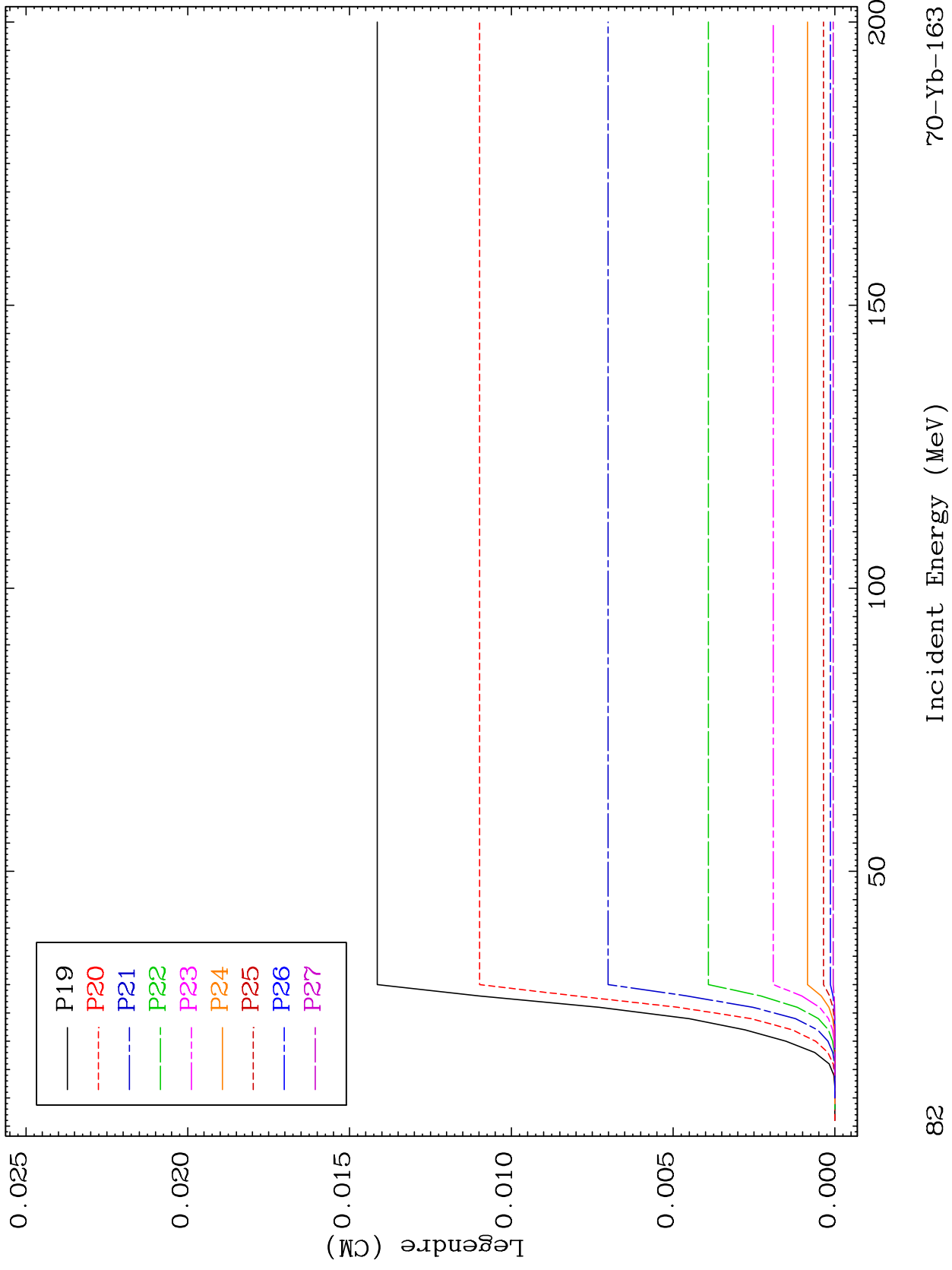
Incident Energy (MeV)

70-Yb-163

MAT 7010

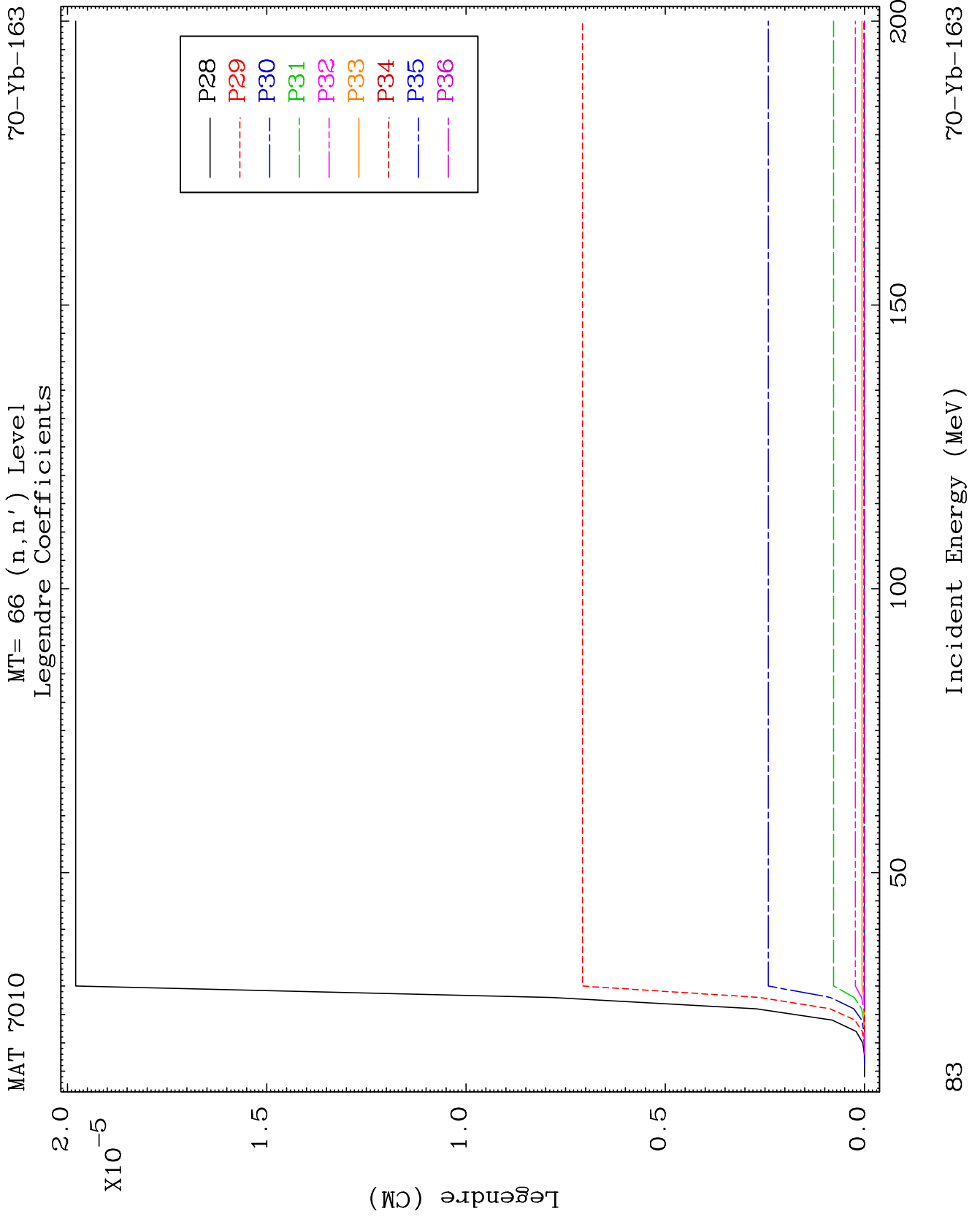
MT= 66 (n,n') Level
Legendre Coefficients

70-Yb-163



82

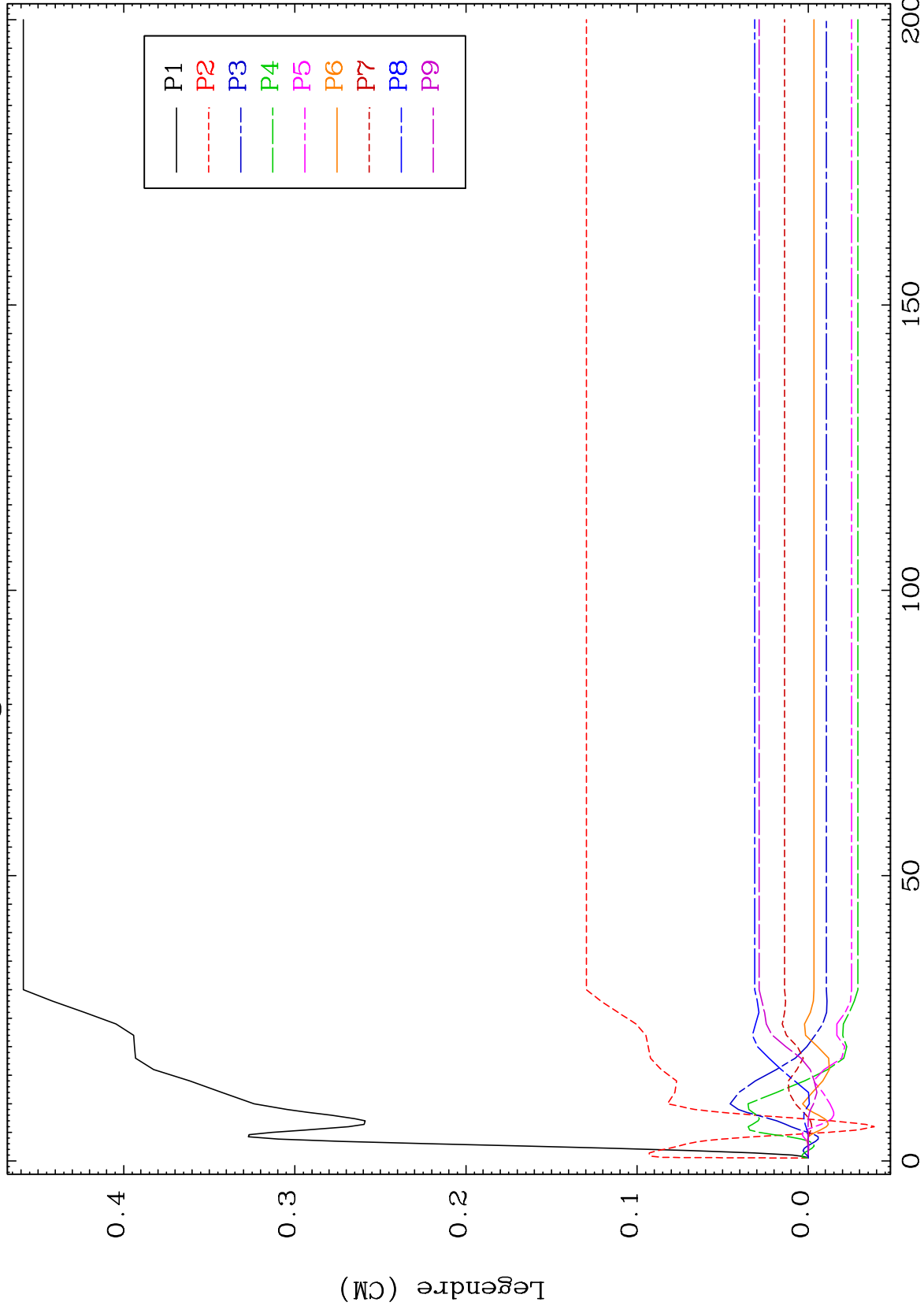
70-Yb-163



MAT 7010

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

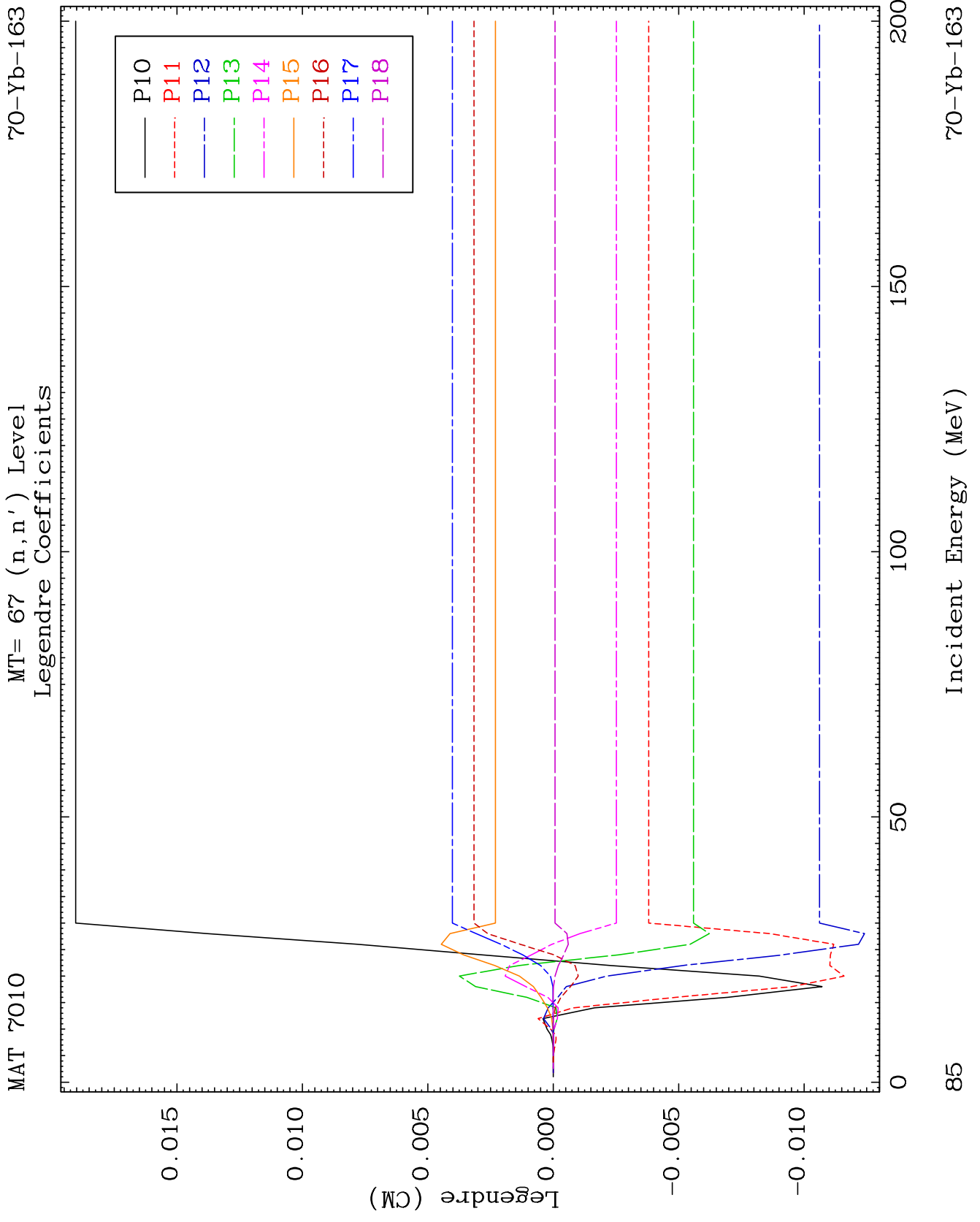
70-Yb-163

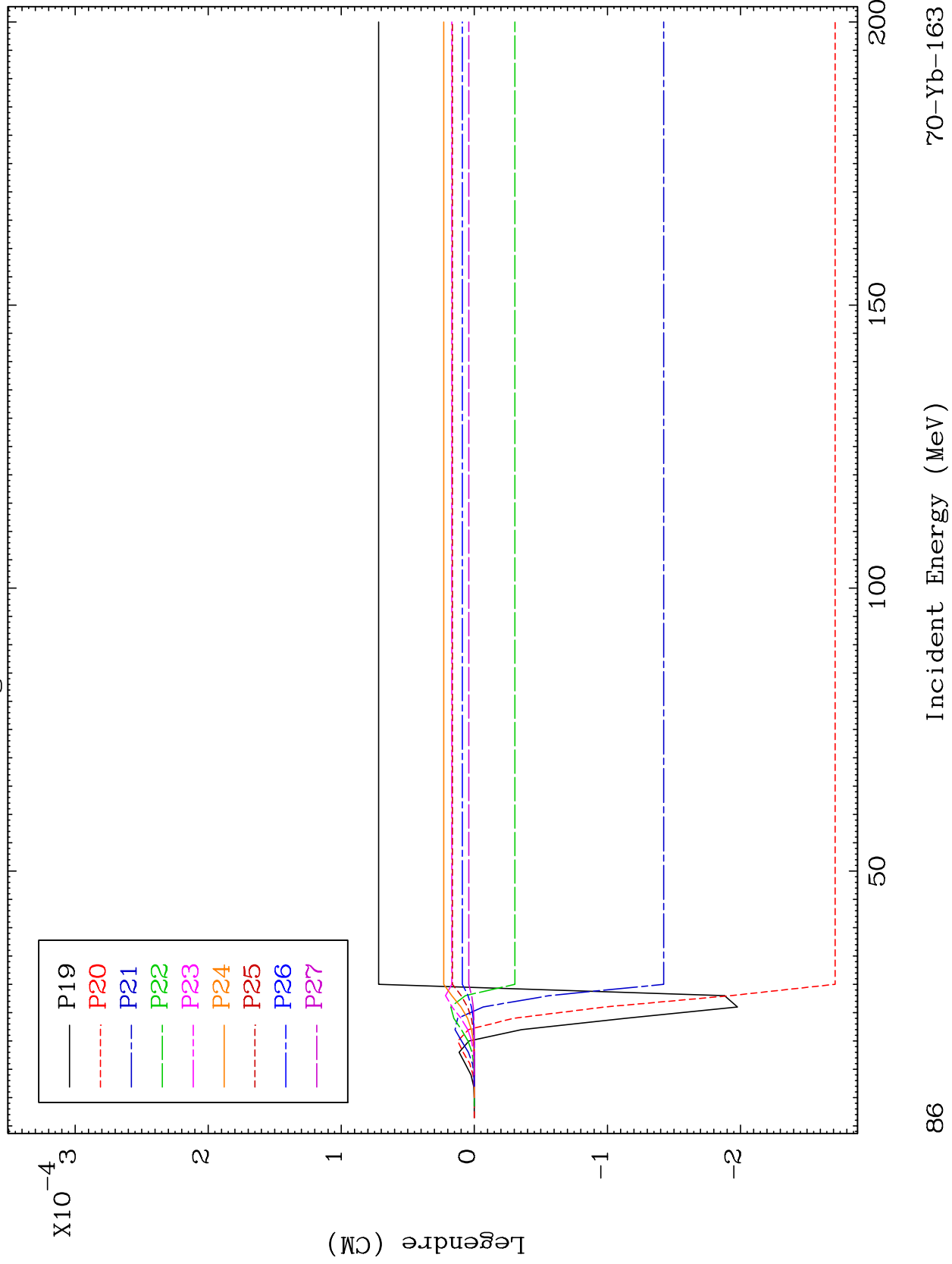


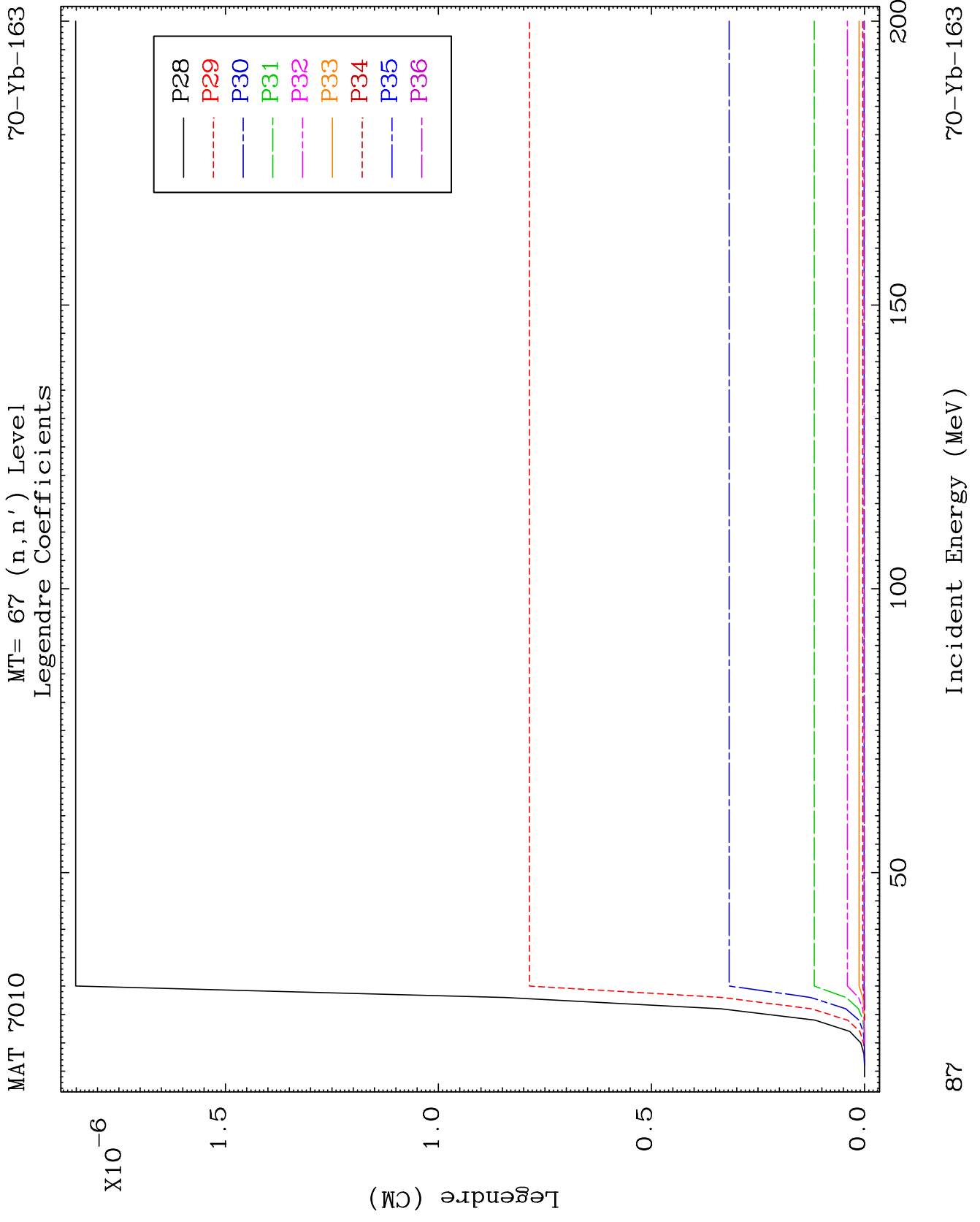
84

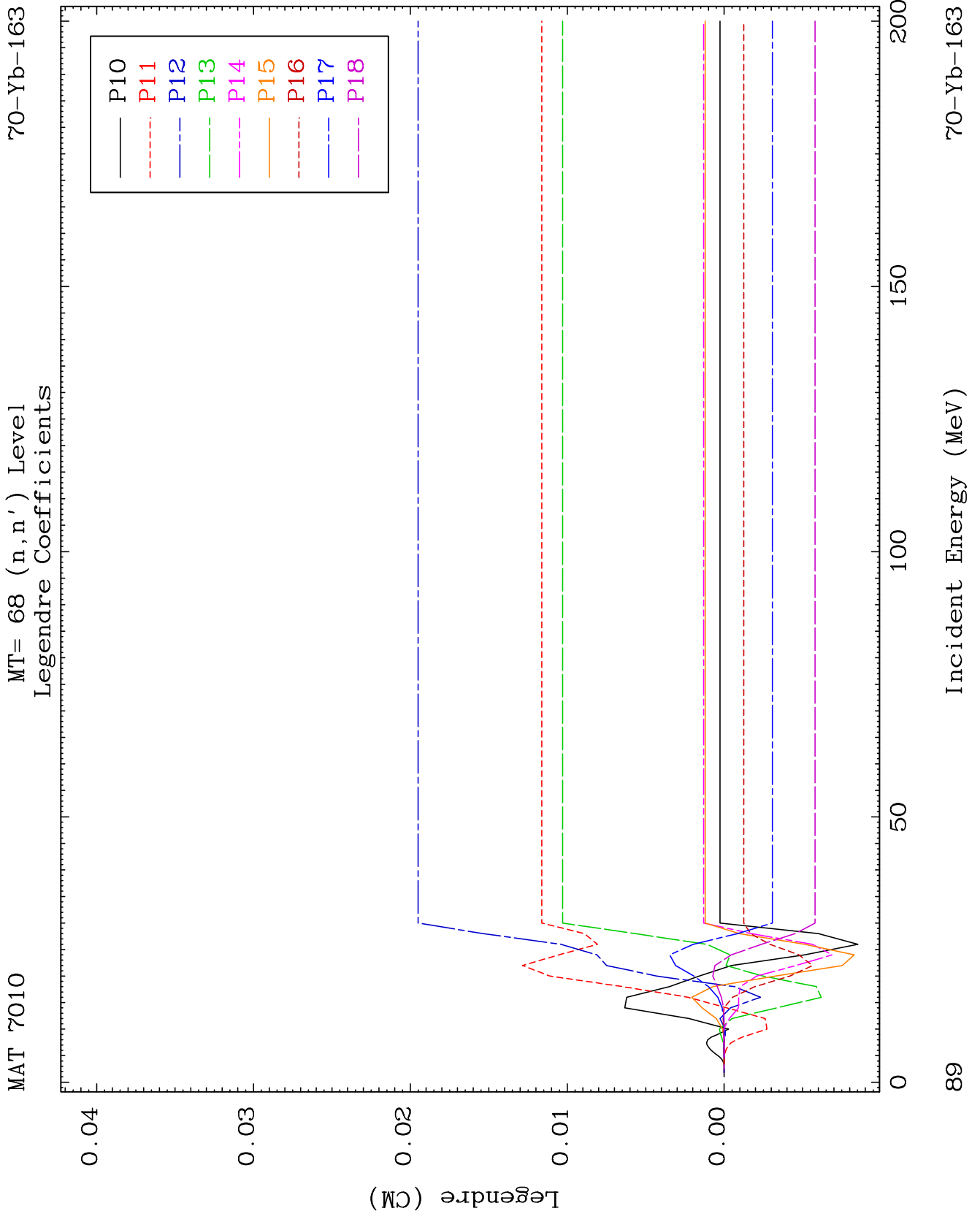
Incident Energy (MeV)

70-Yb-163





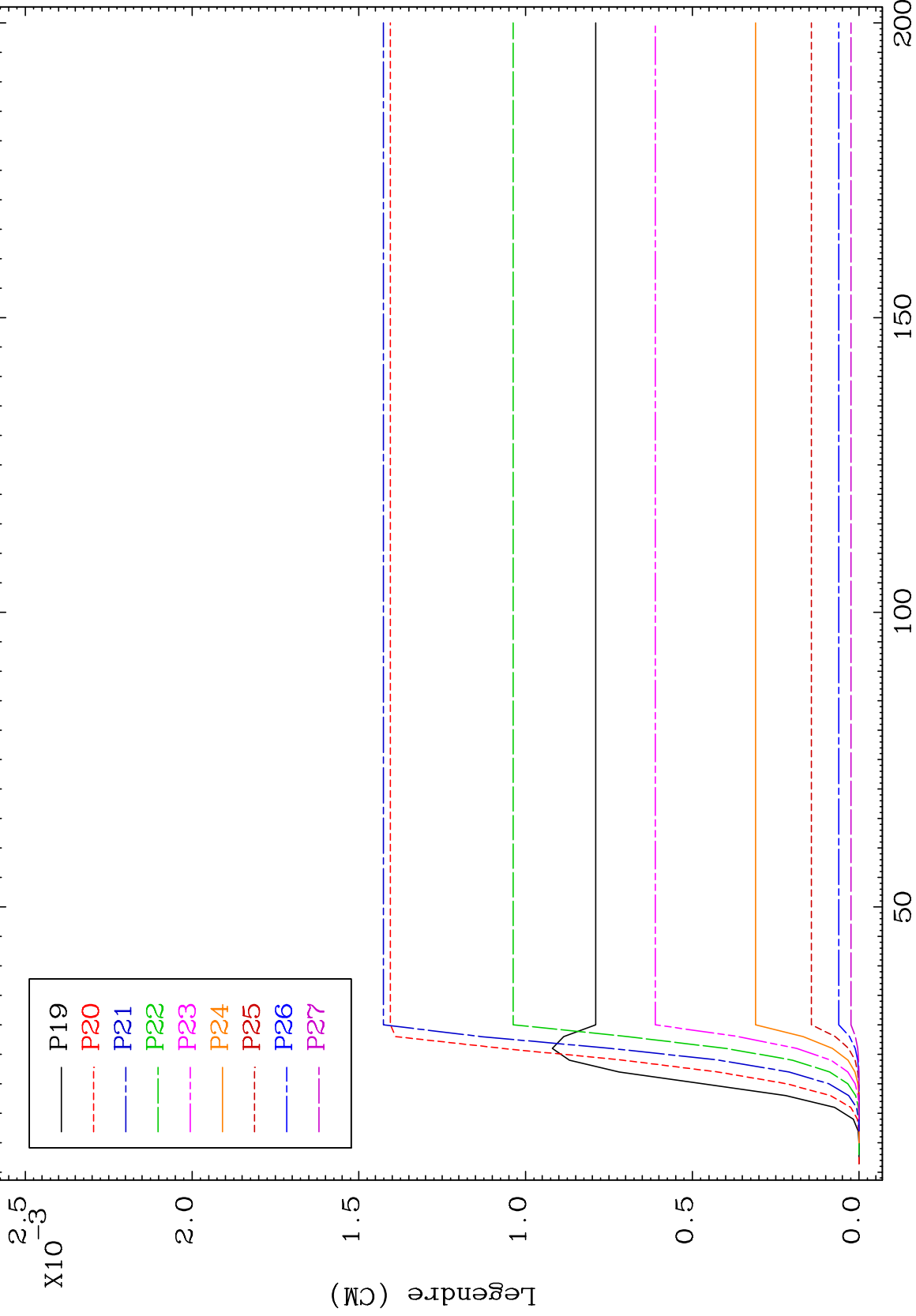




MAT 7010

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

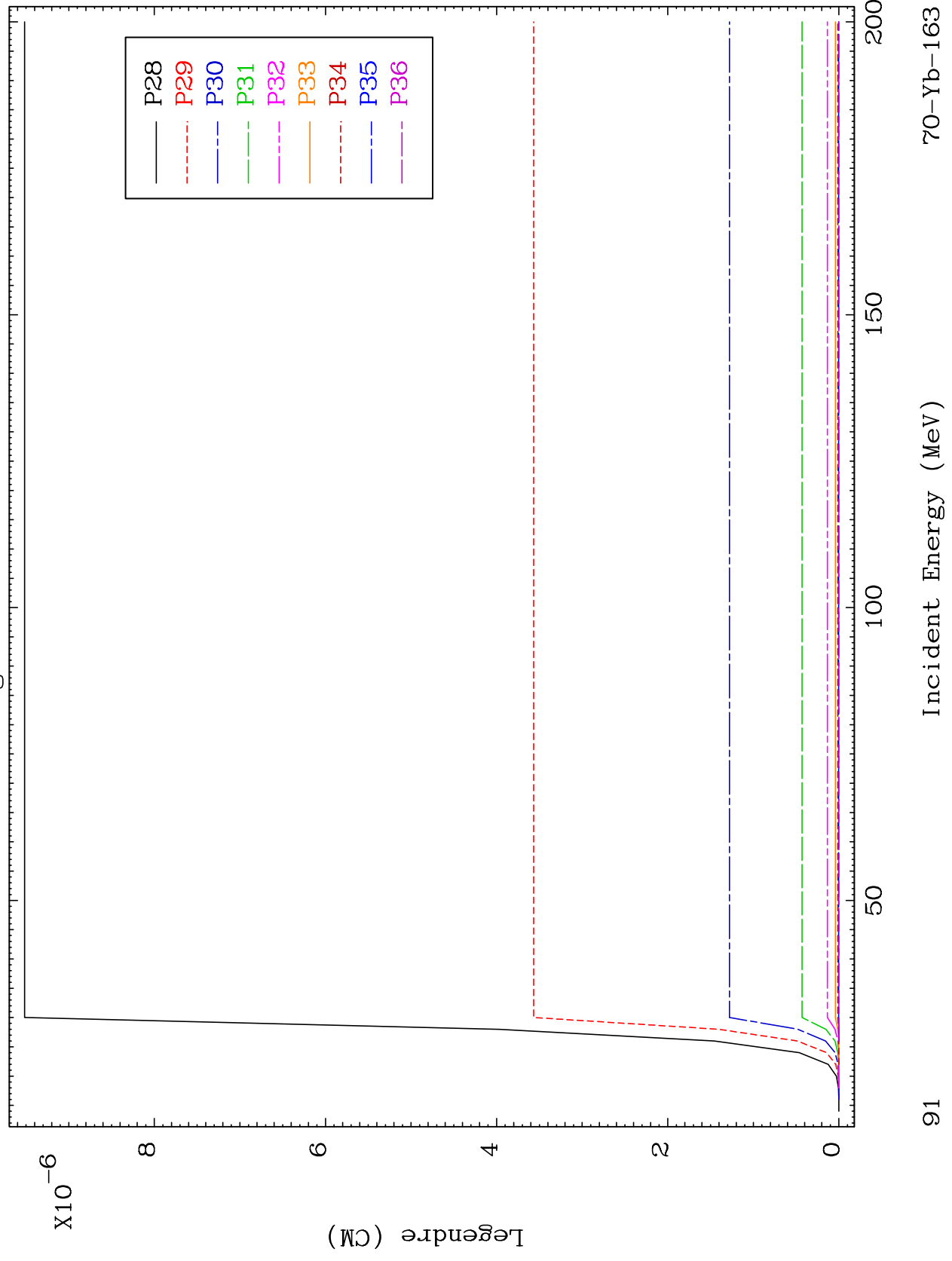
70-Yb-163



90

Incident Energy (MeV)

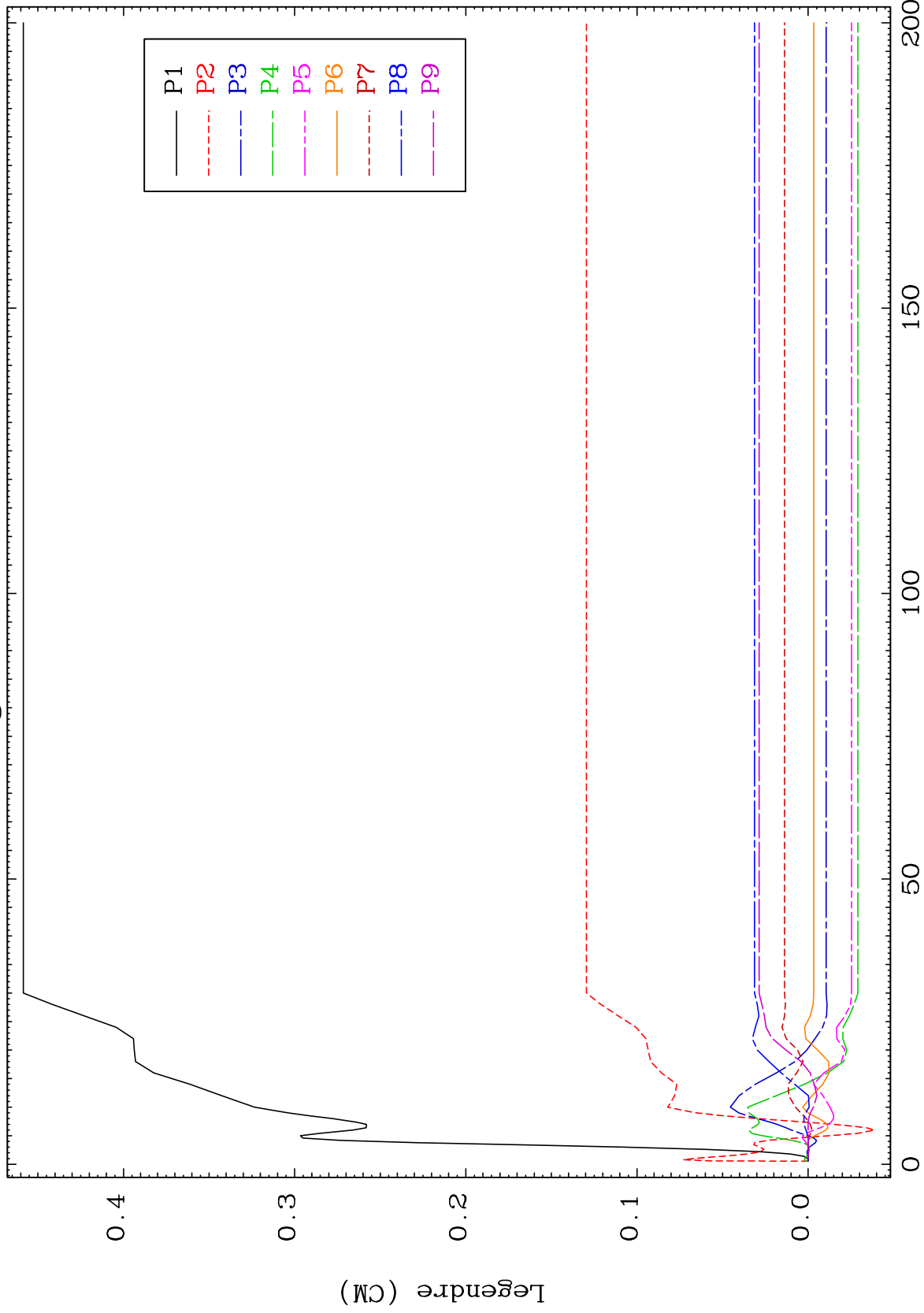
70-Yb-163



MAT 7010

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

70-Yb-163



92

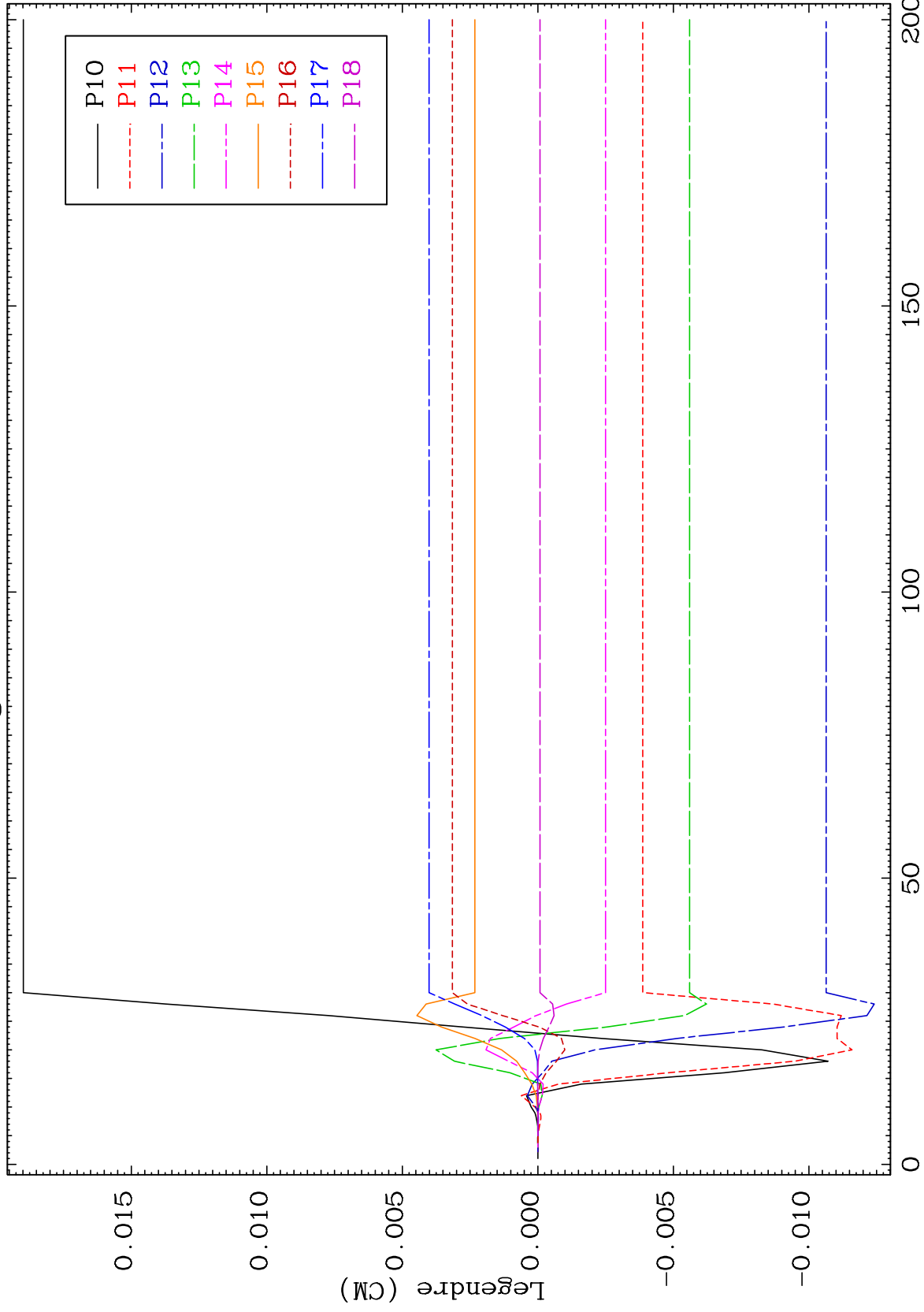
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

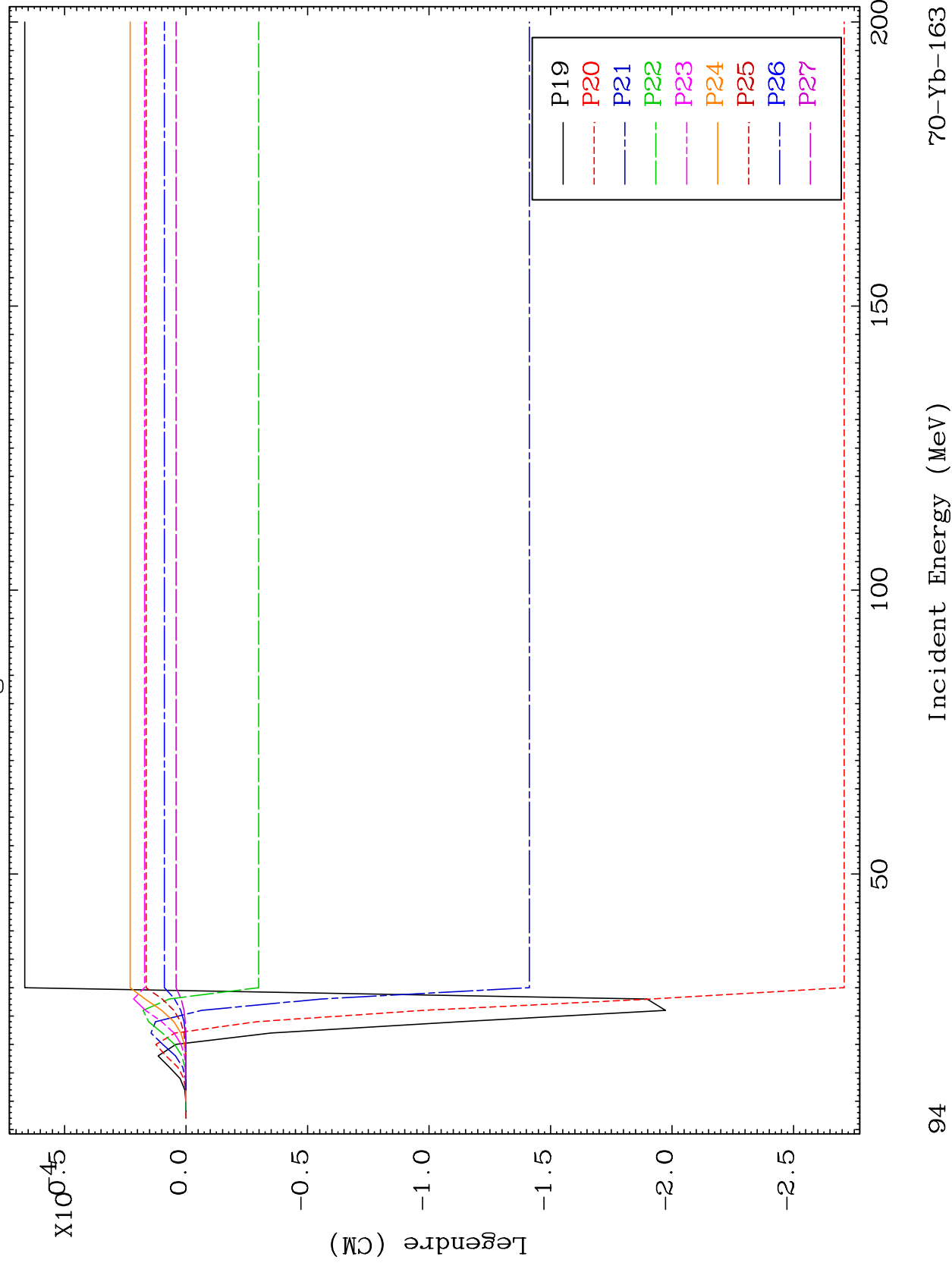
70-Yb-163



93

Incident Energy (MeV)

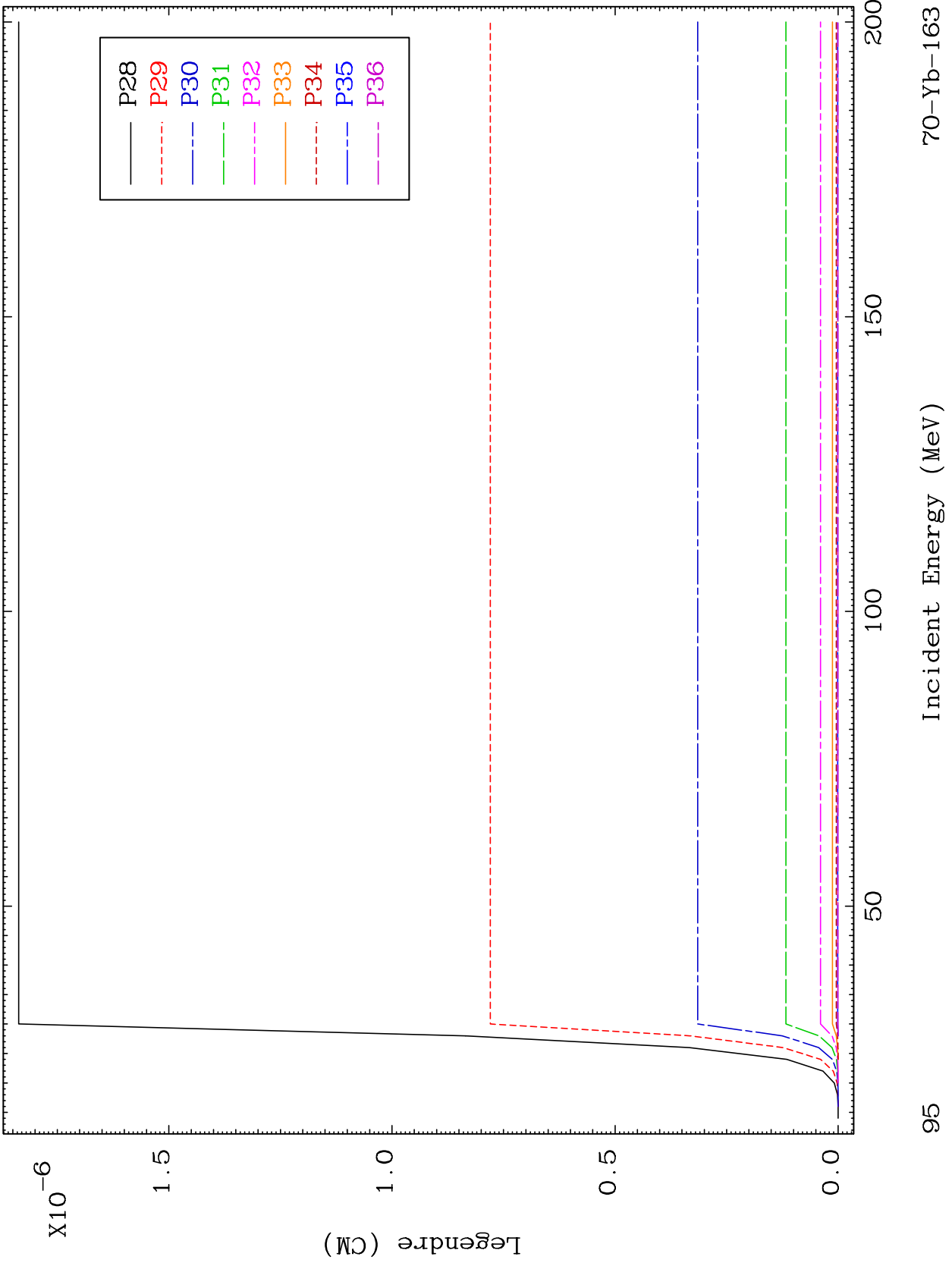
70-Yb-163



MAT 7010

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

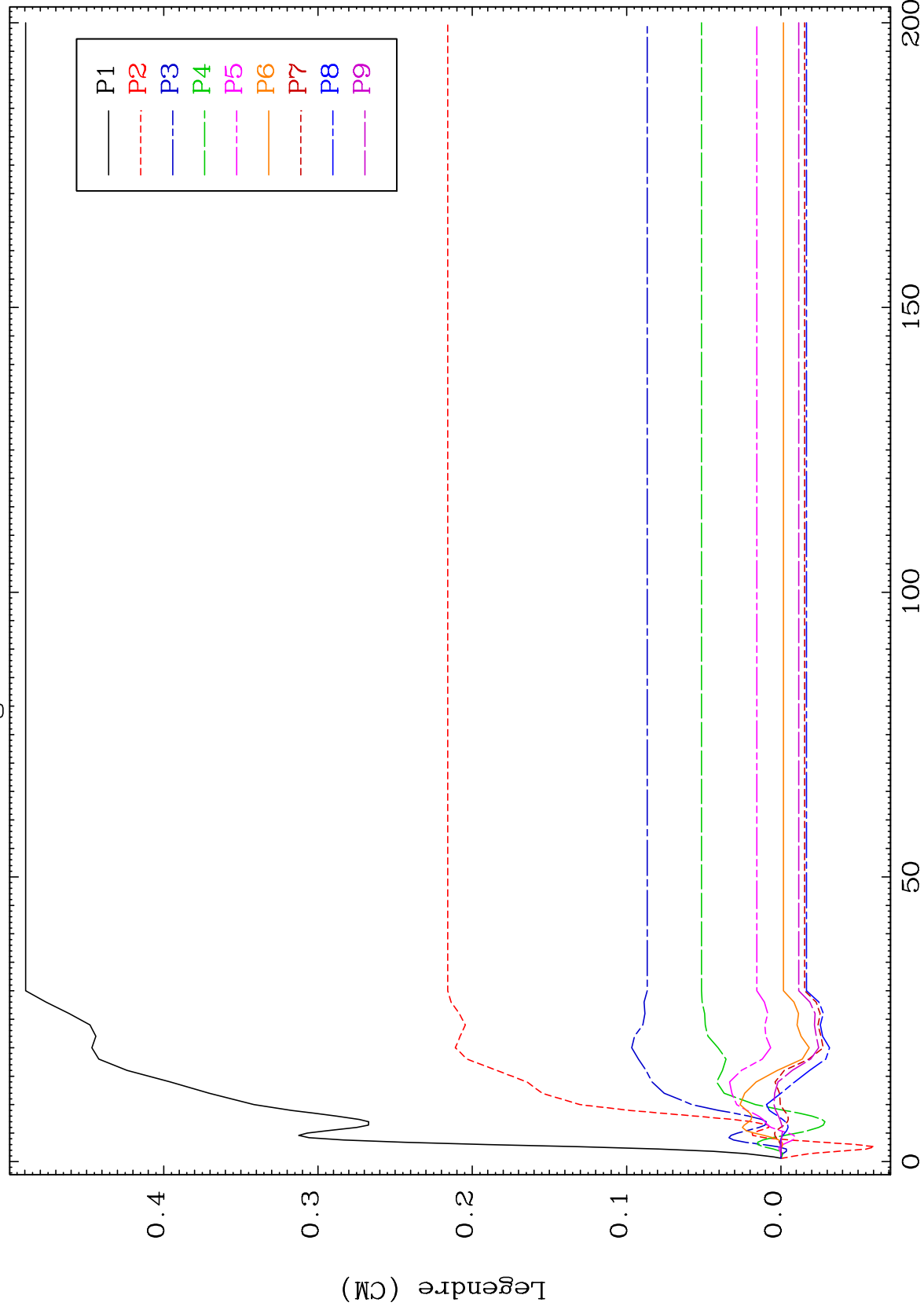
70-Yb-163



MAT 7010

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

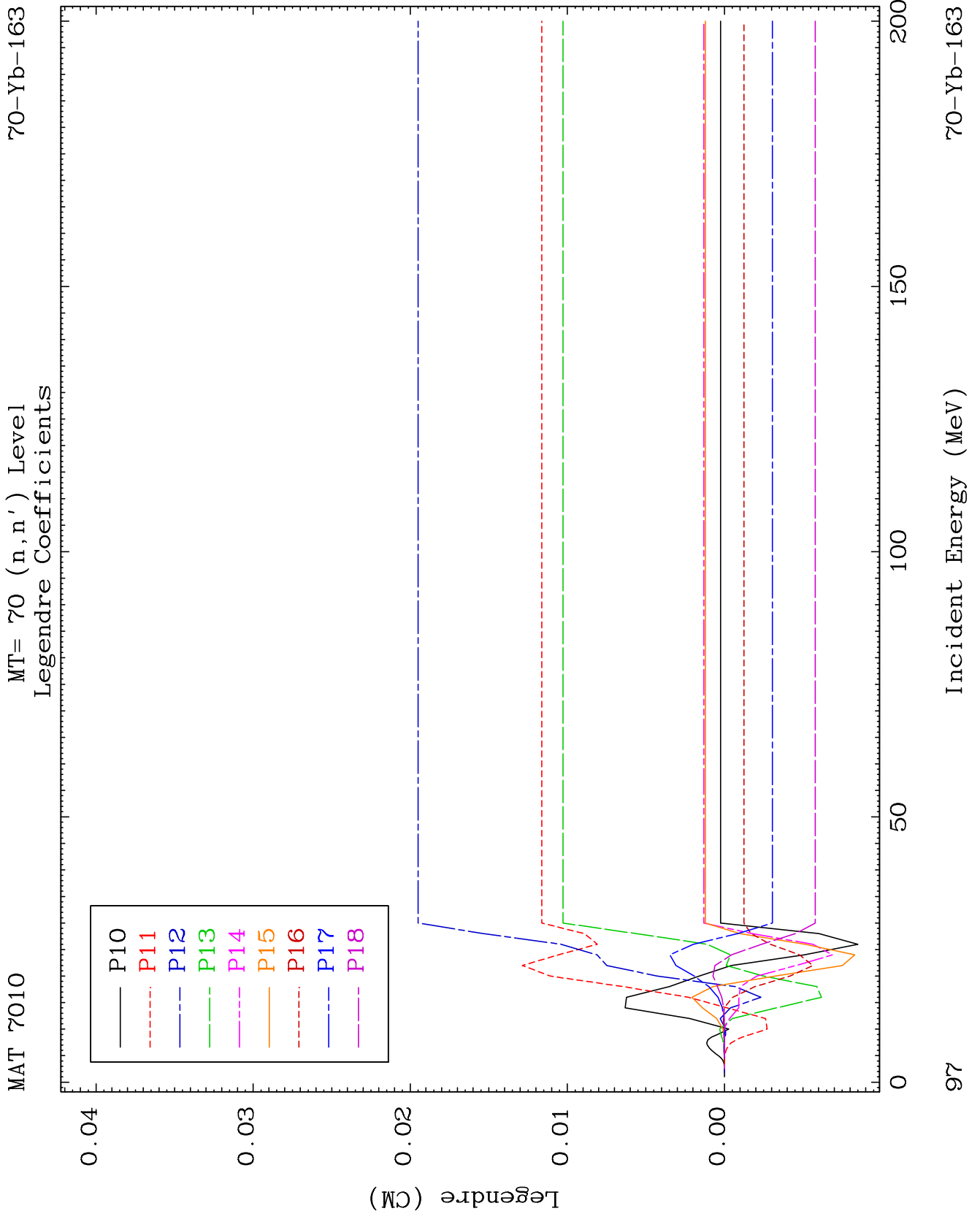
70-Yb-163



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Incident Energy (MeV)

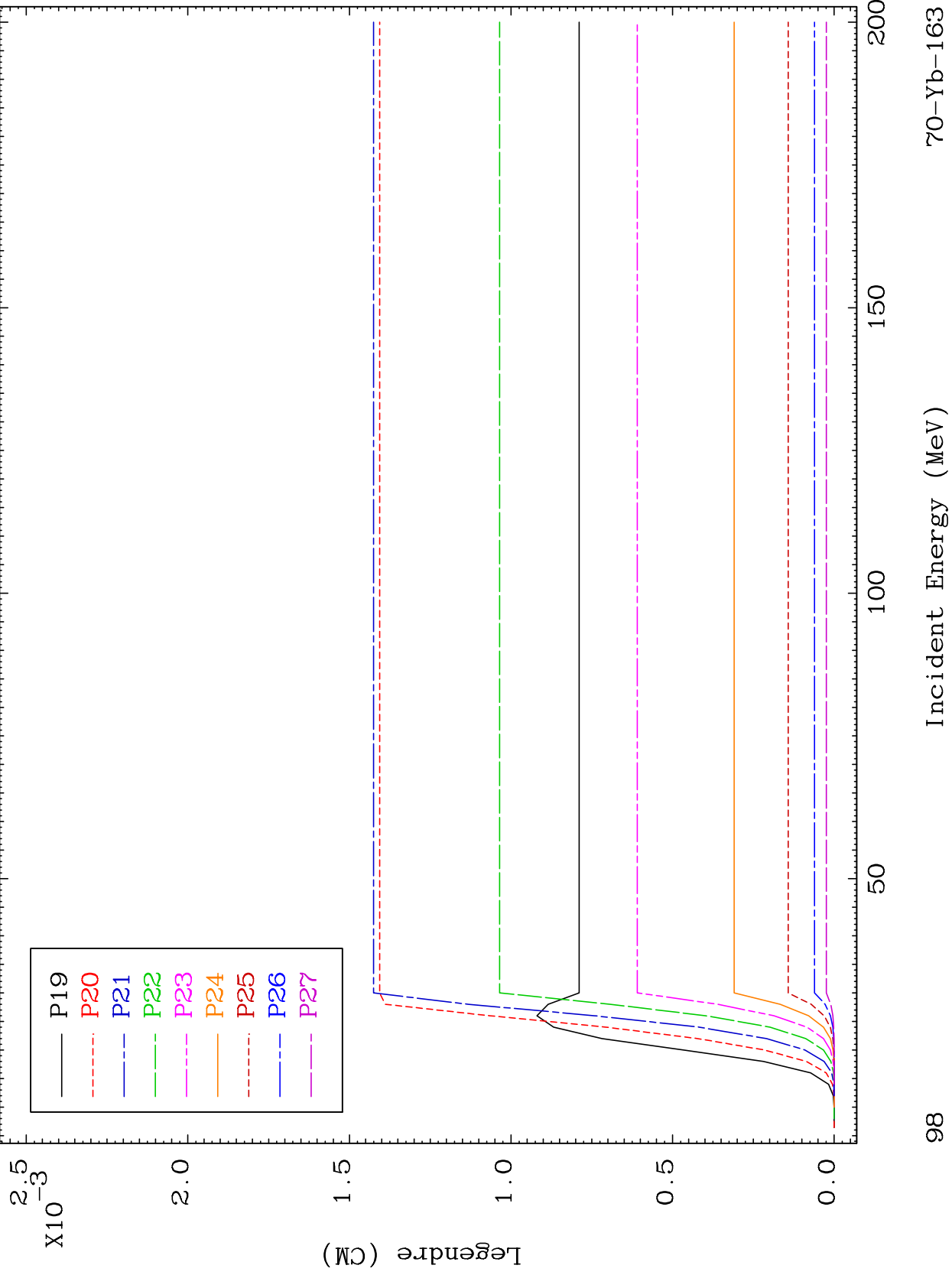
70-Yb-163

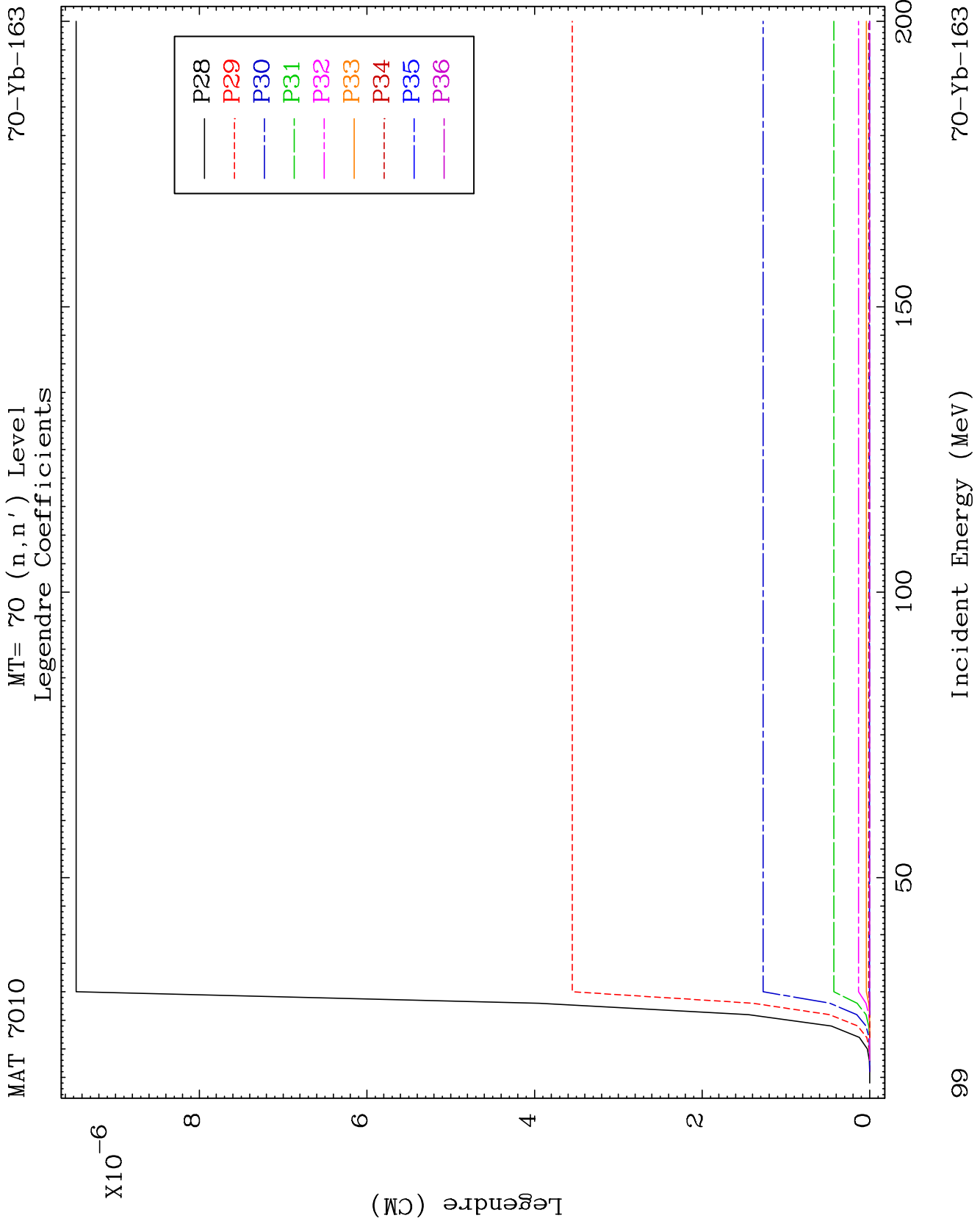


MAT 7010

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

70-Yb-163

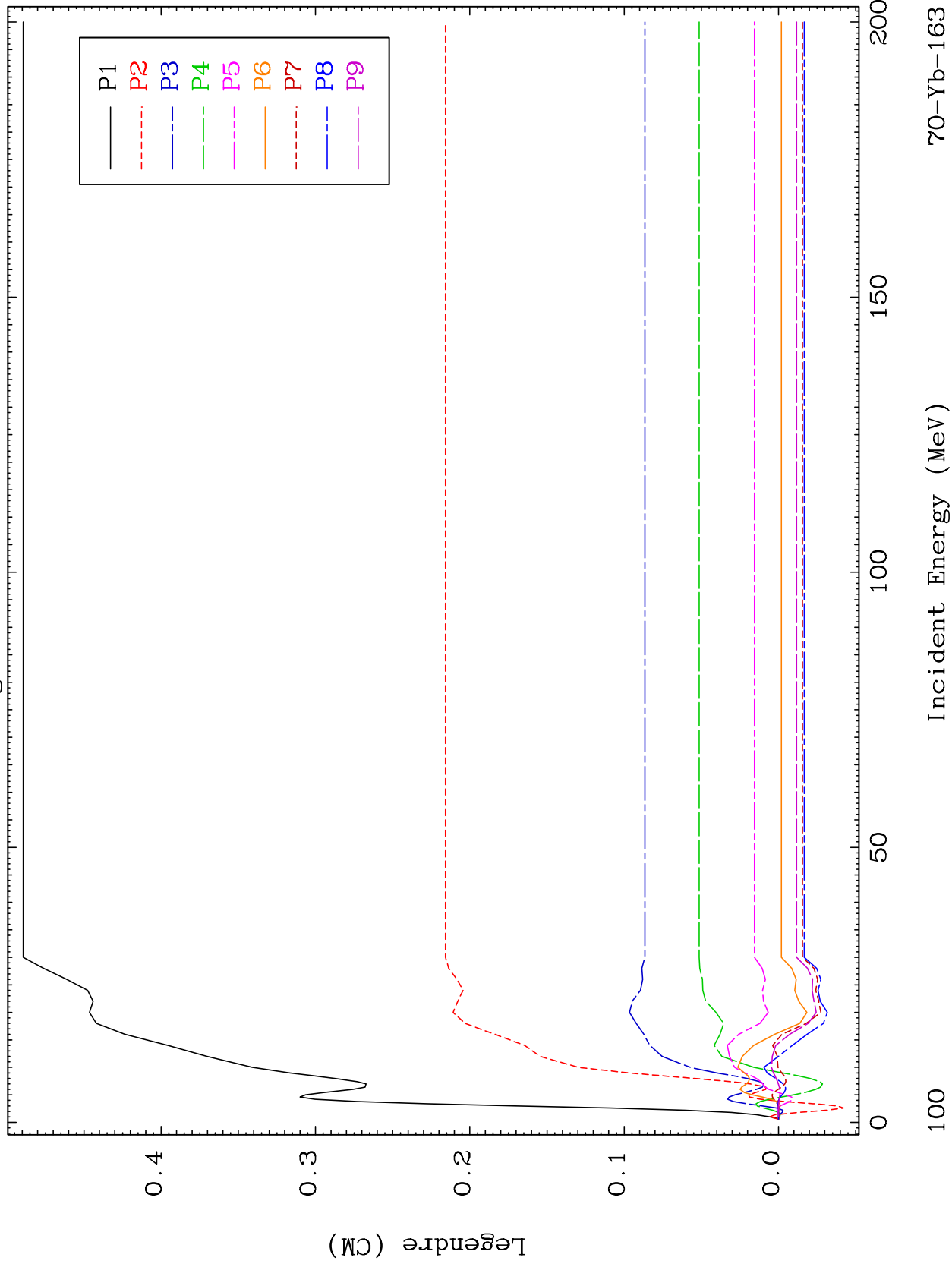




MAT 7010

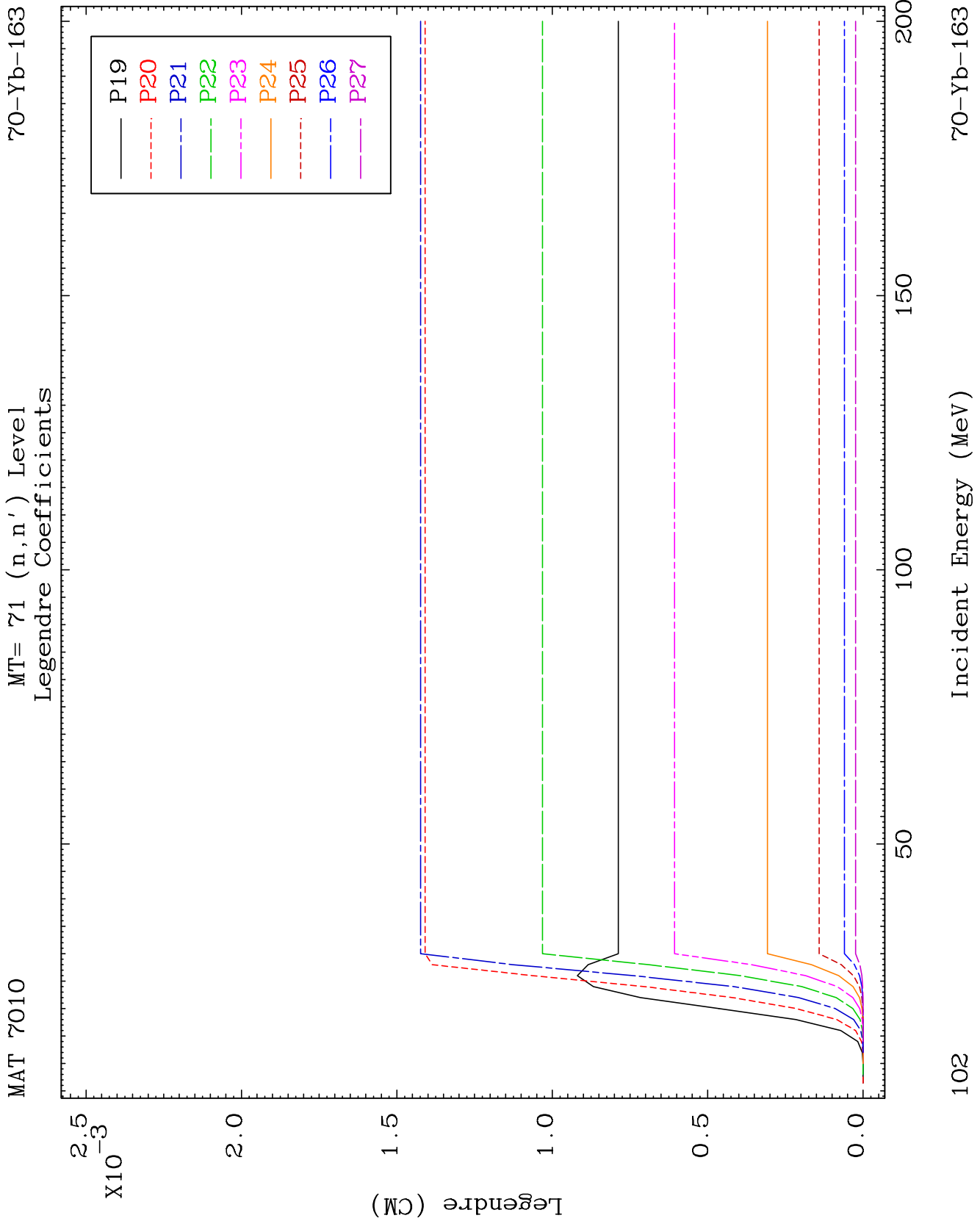
MT= 71 (n,n') Level
Legendre Coefficients

70-Yb-163



70-Yb-163

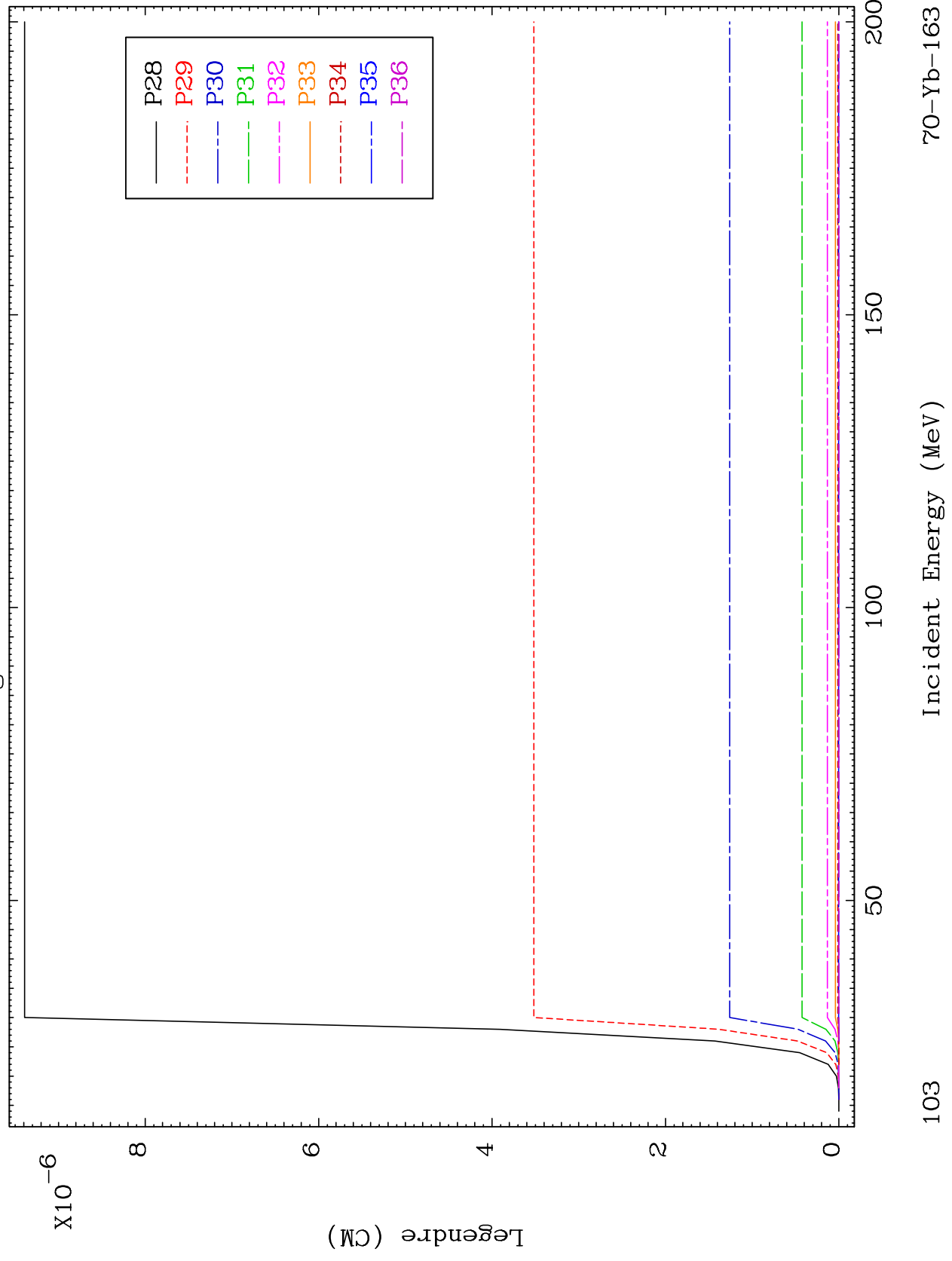
Incident Energy (MeV)



MAT 7010

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

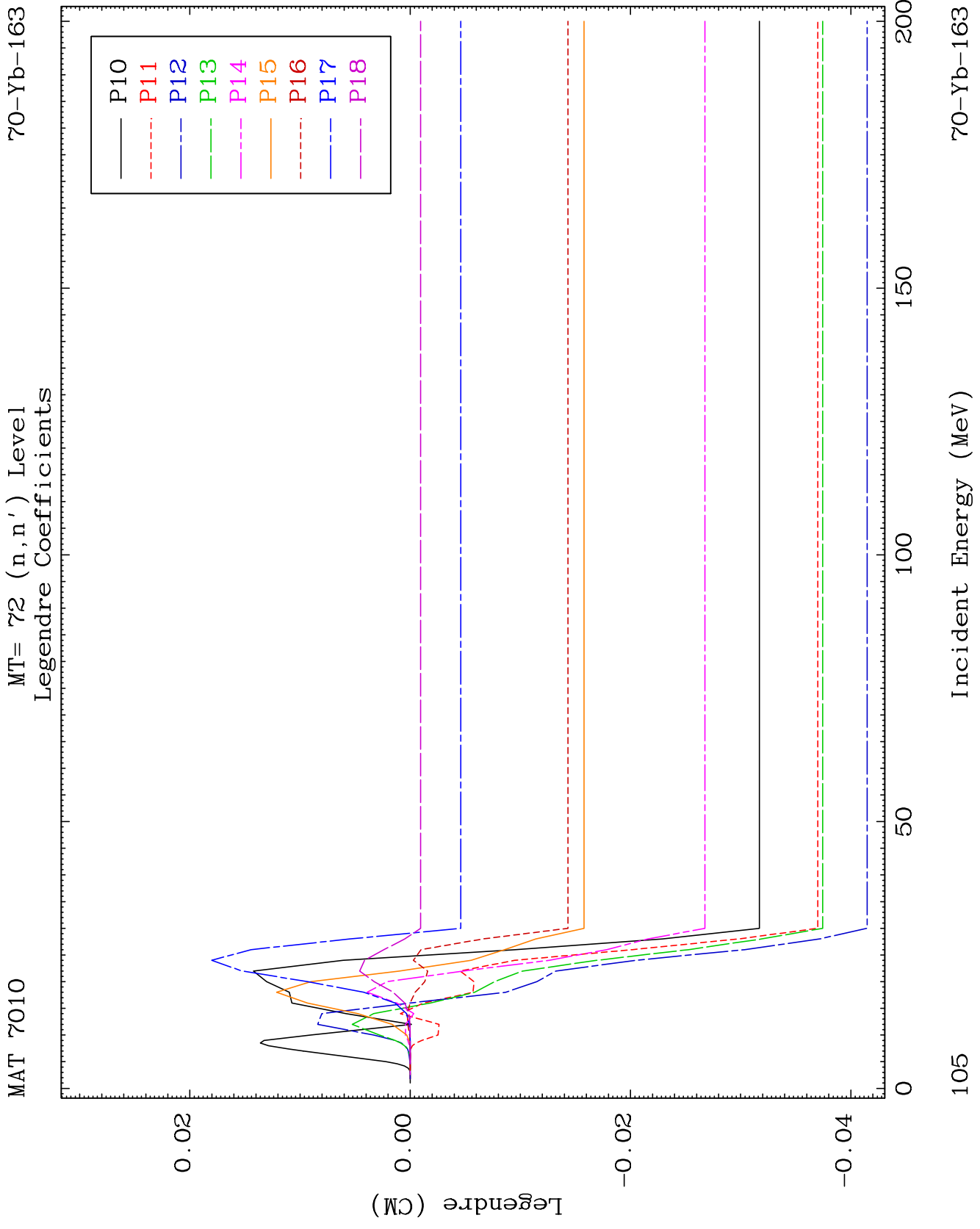
70-Yb-163

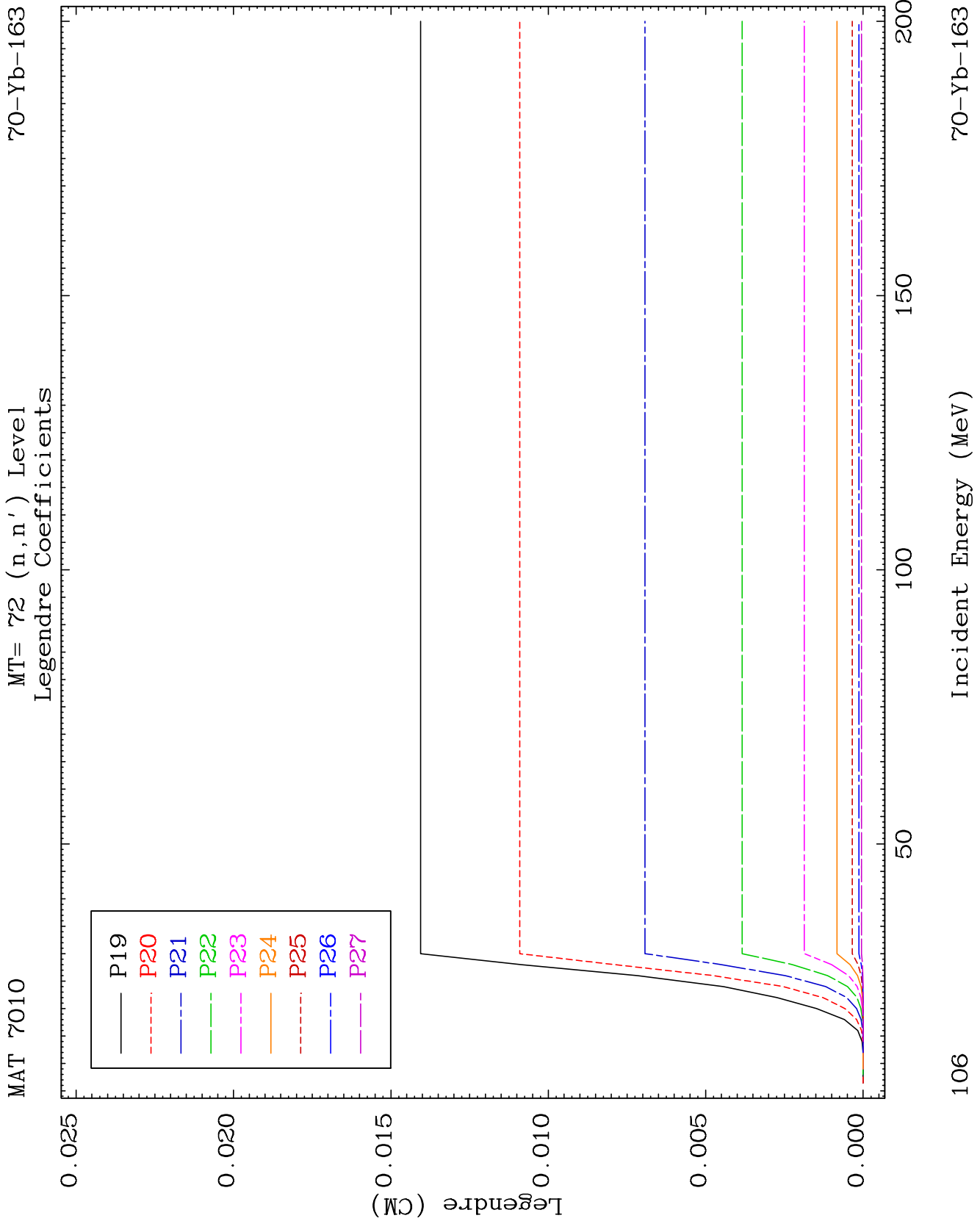


70-Yb-163

Incident Energy (MeV)

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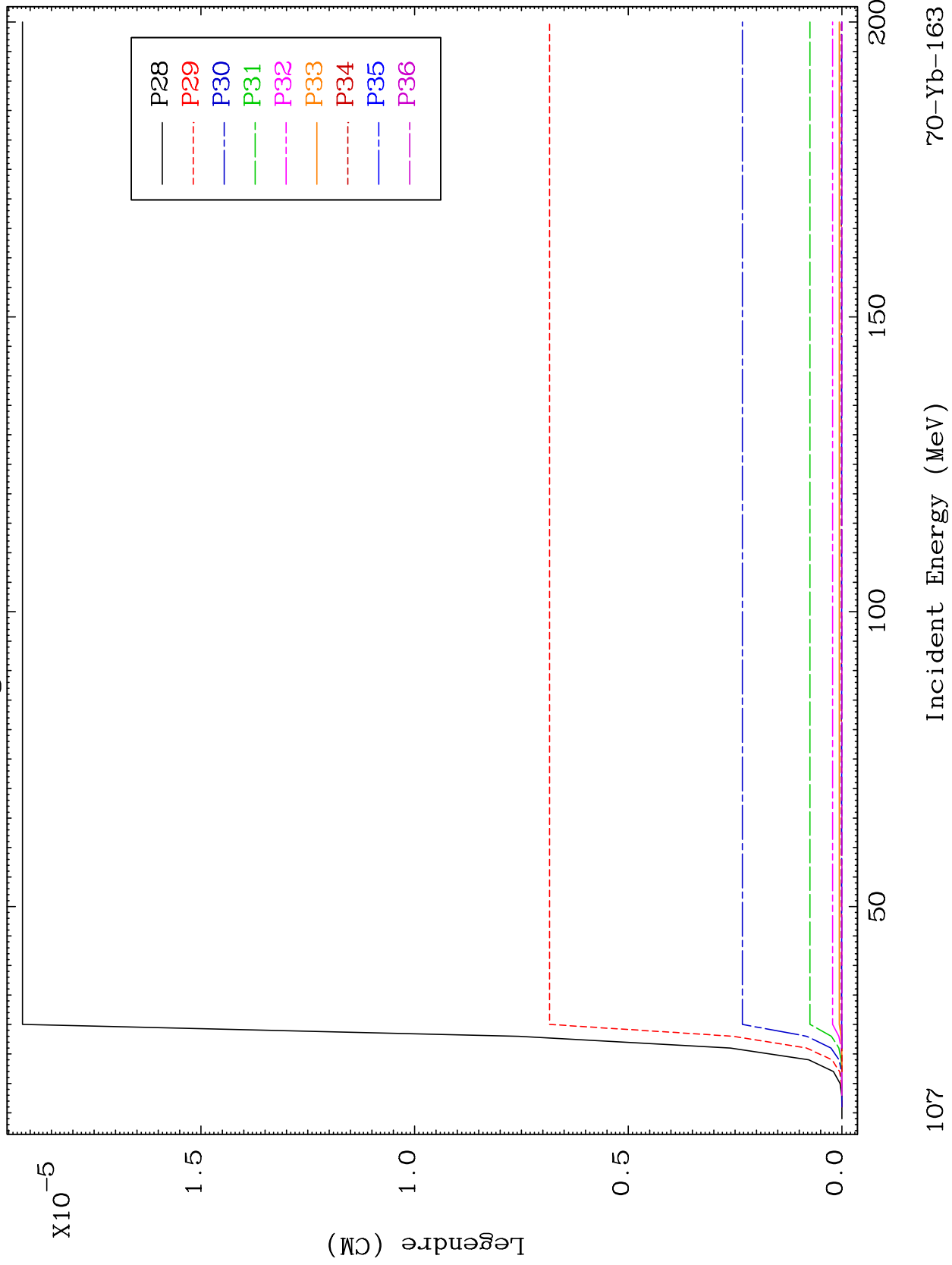


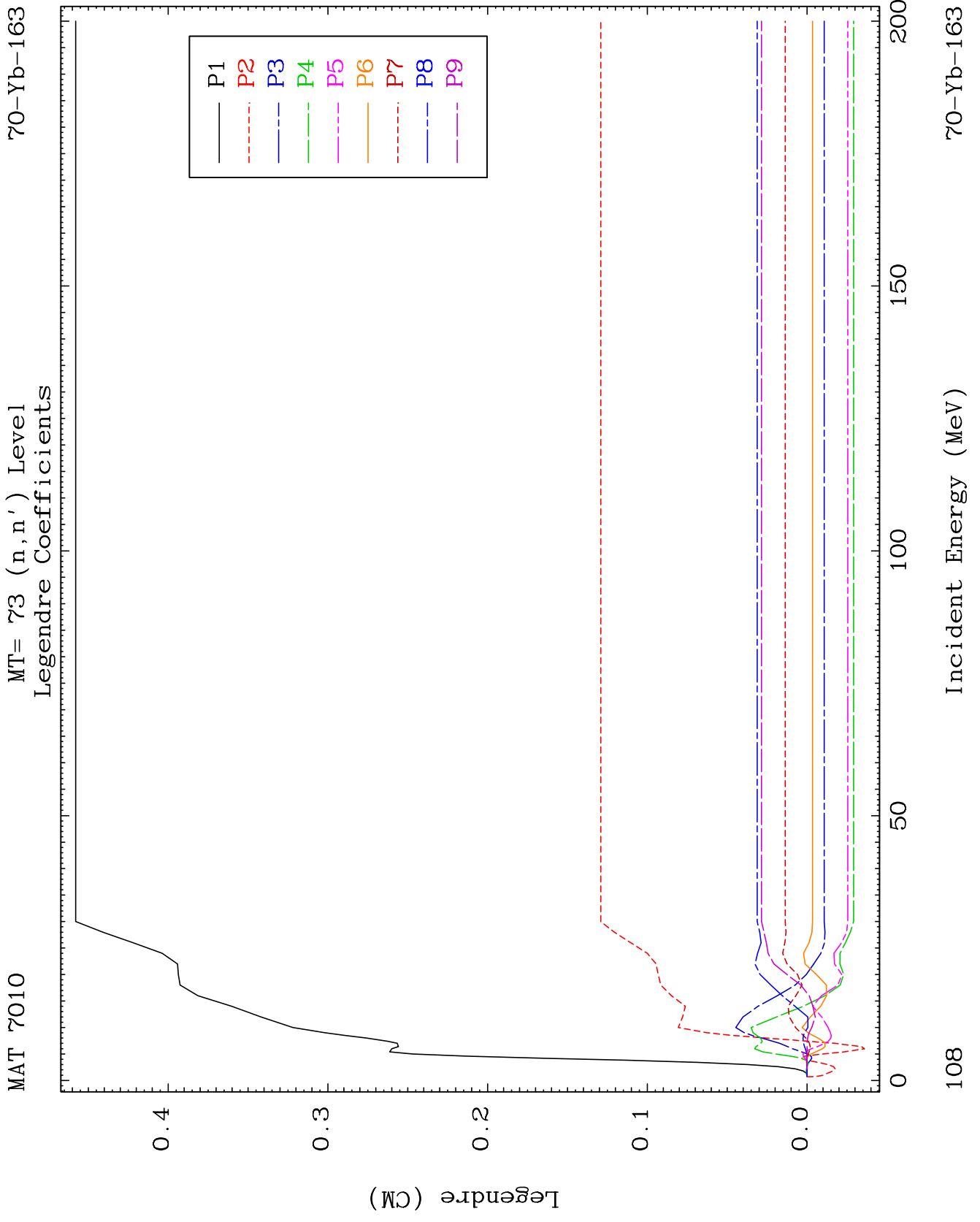


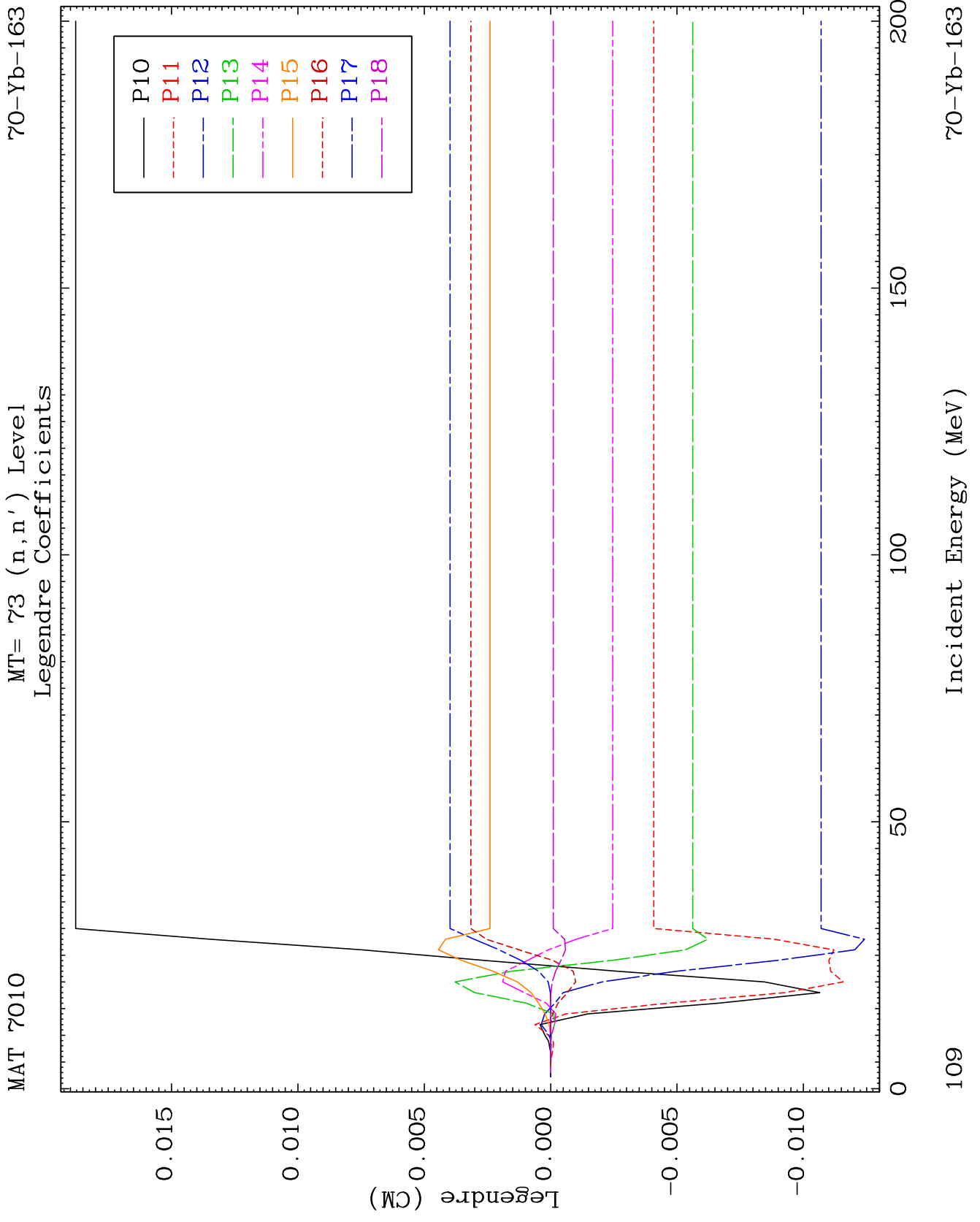
MAT 7010

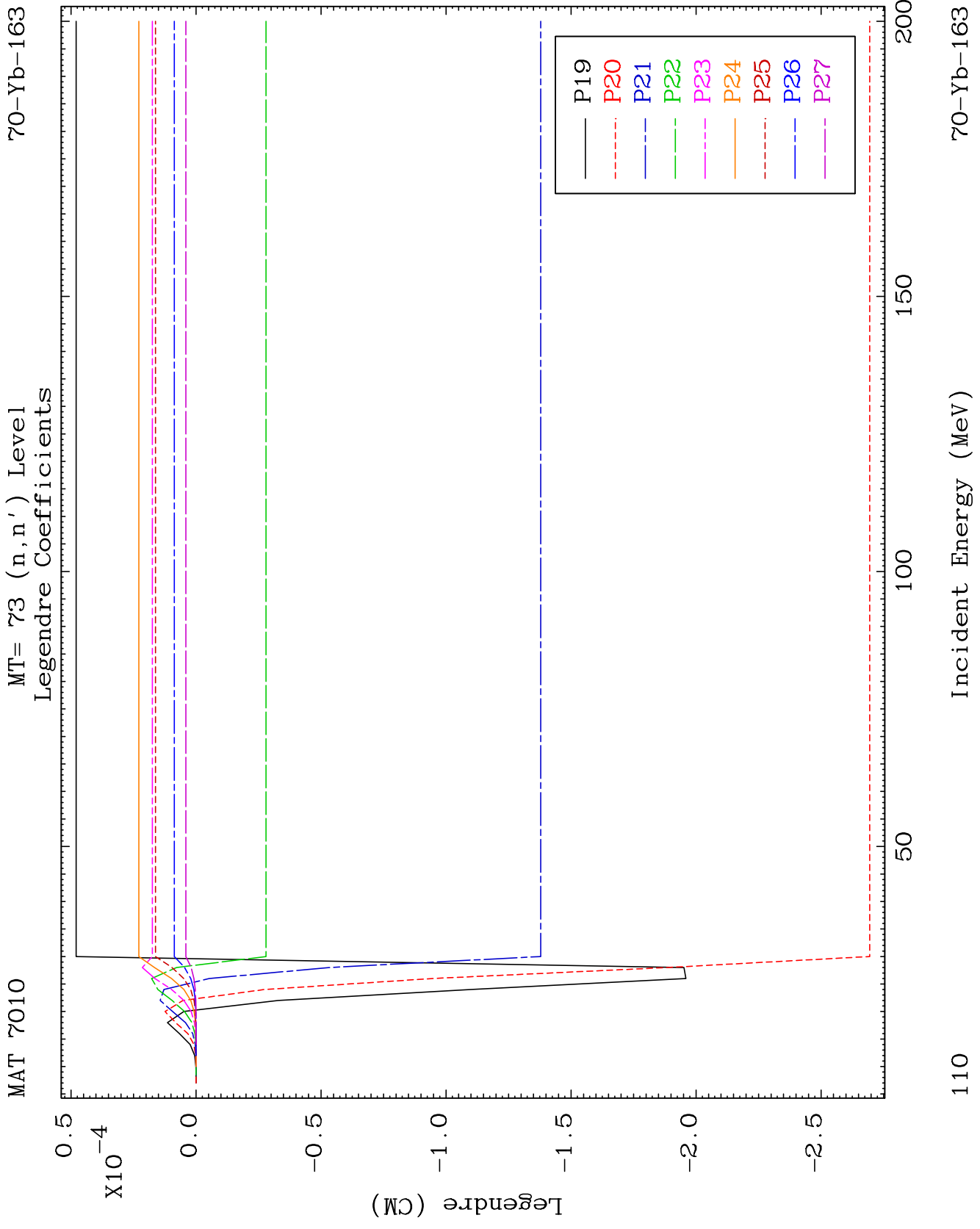
MT= 72 (n,n') Level
Legendre Coefficients

70-Yb-163





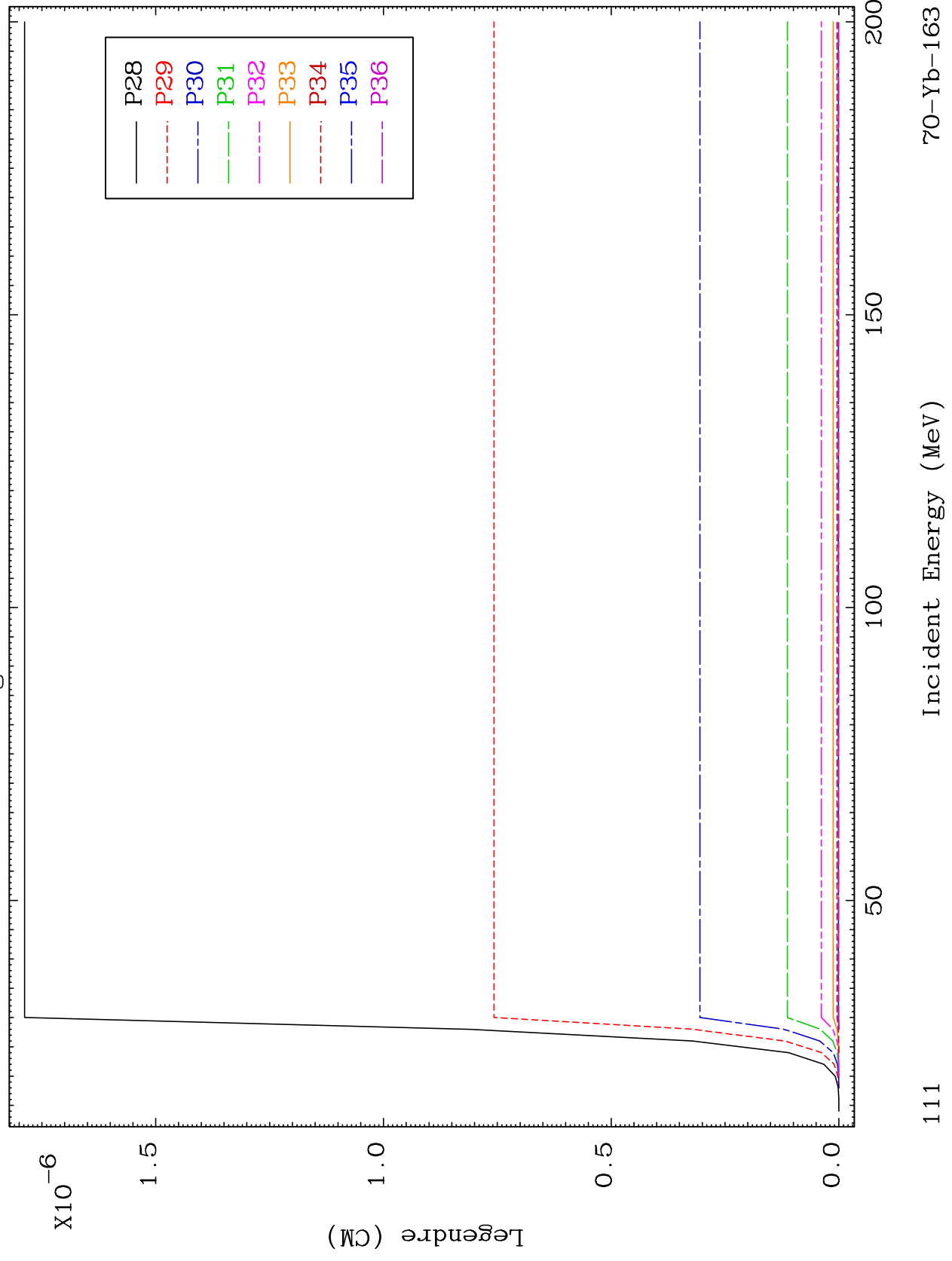




MAT 7010

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

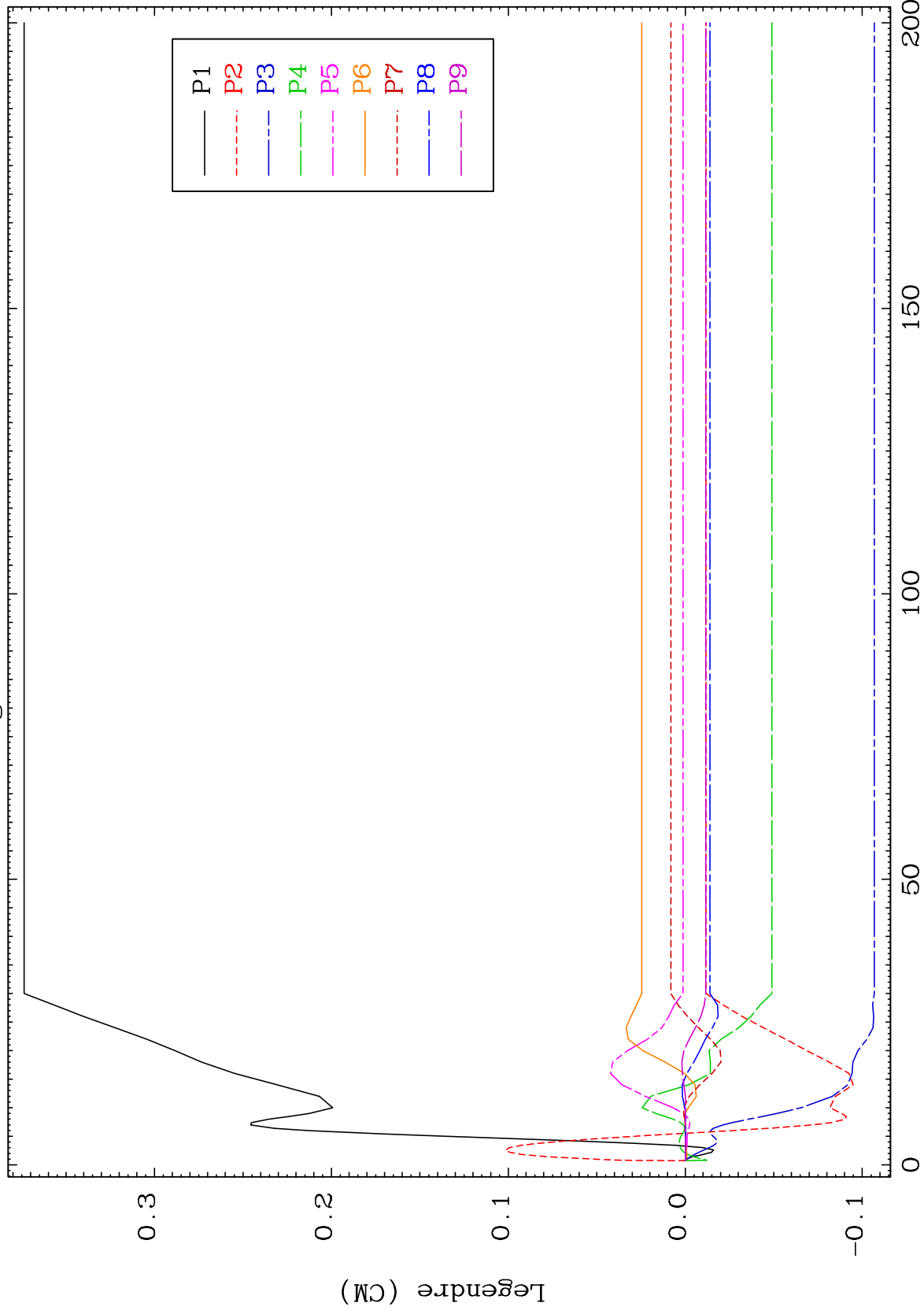
70-Yb-163



MAT 7010

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

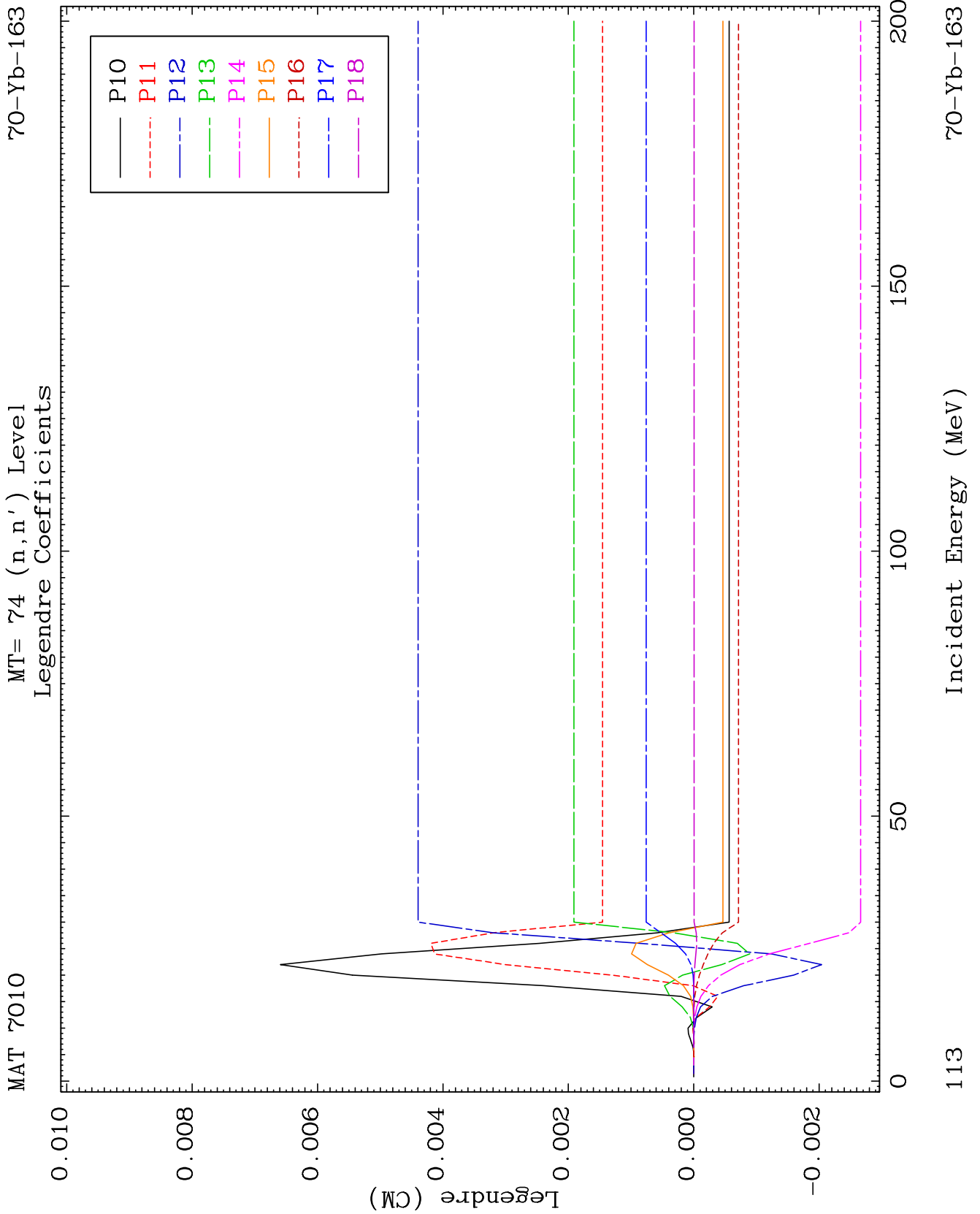
70-Yb-163



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Incident Energy (MeV)

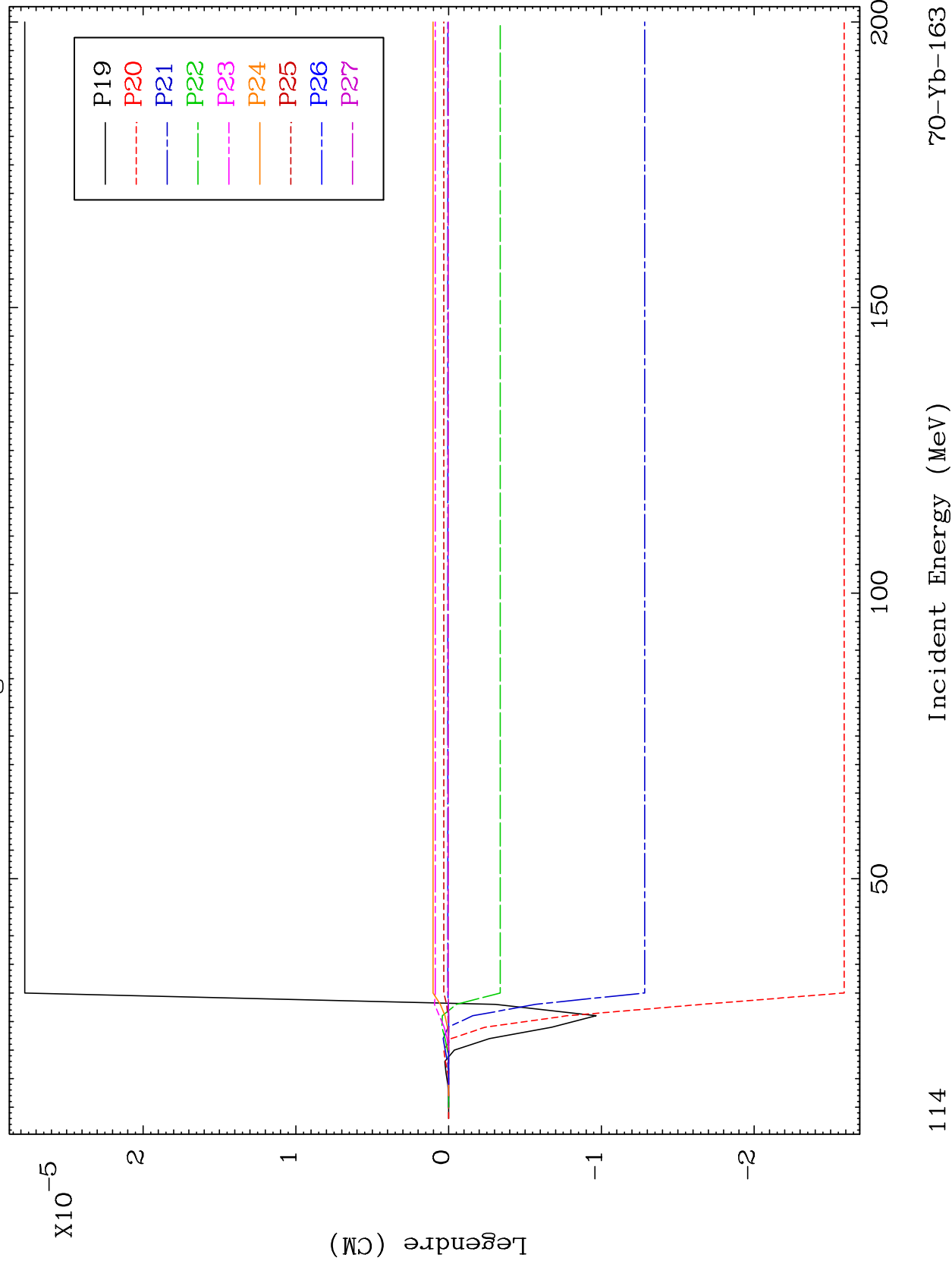
70-Yb-163



MAT 7010

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

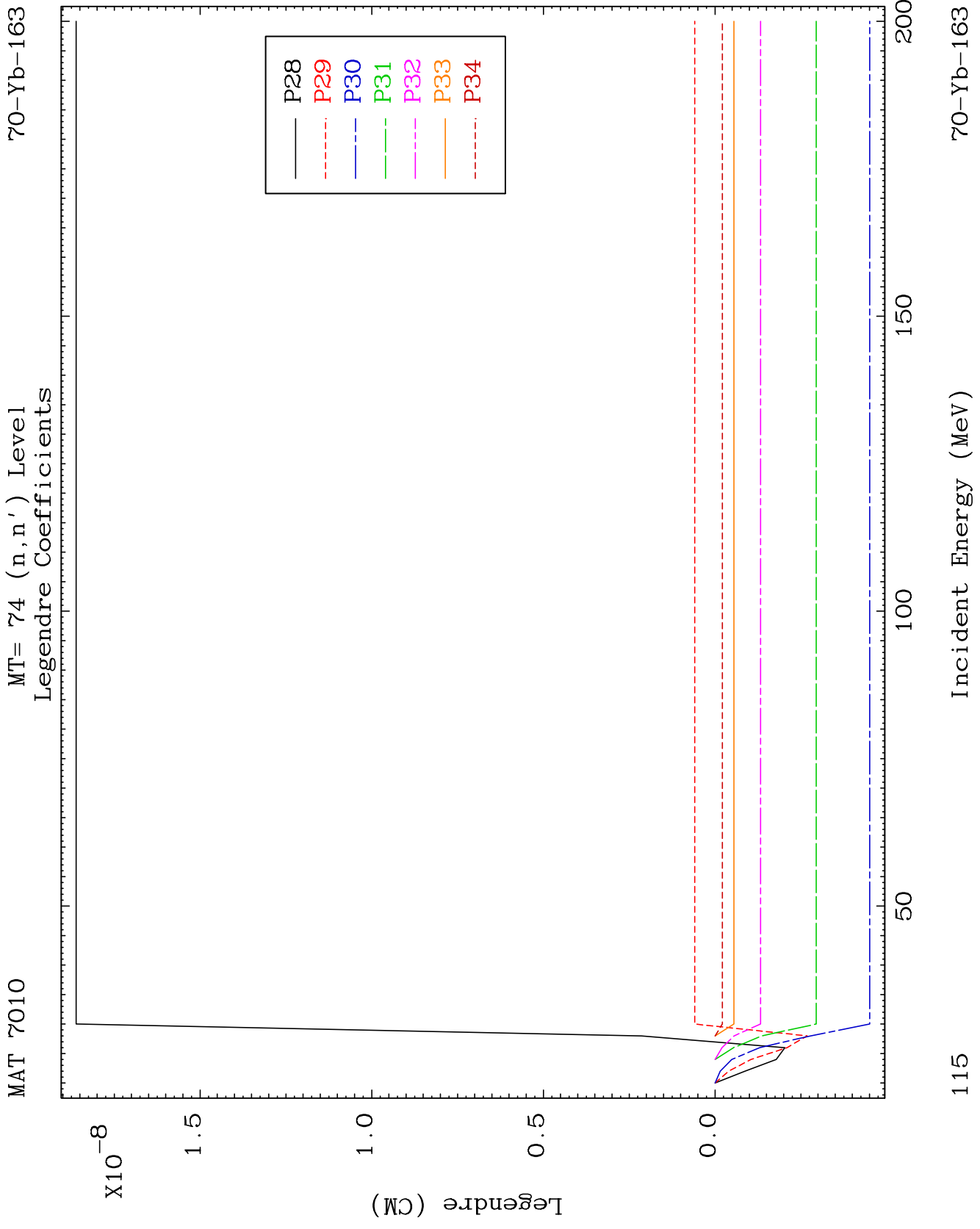
70-Yb-163

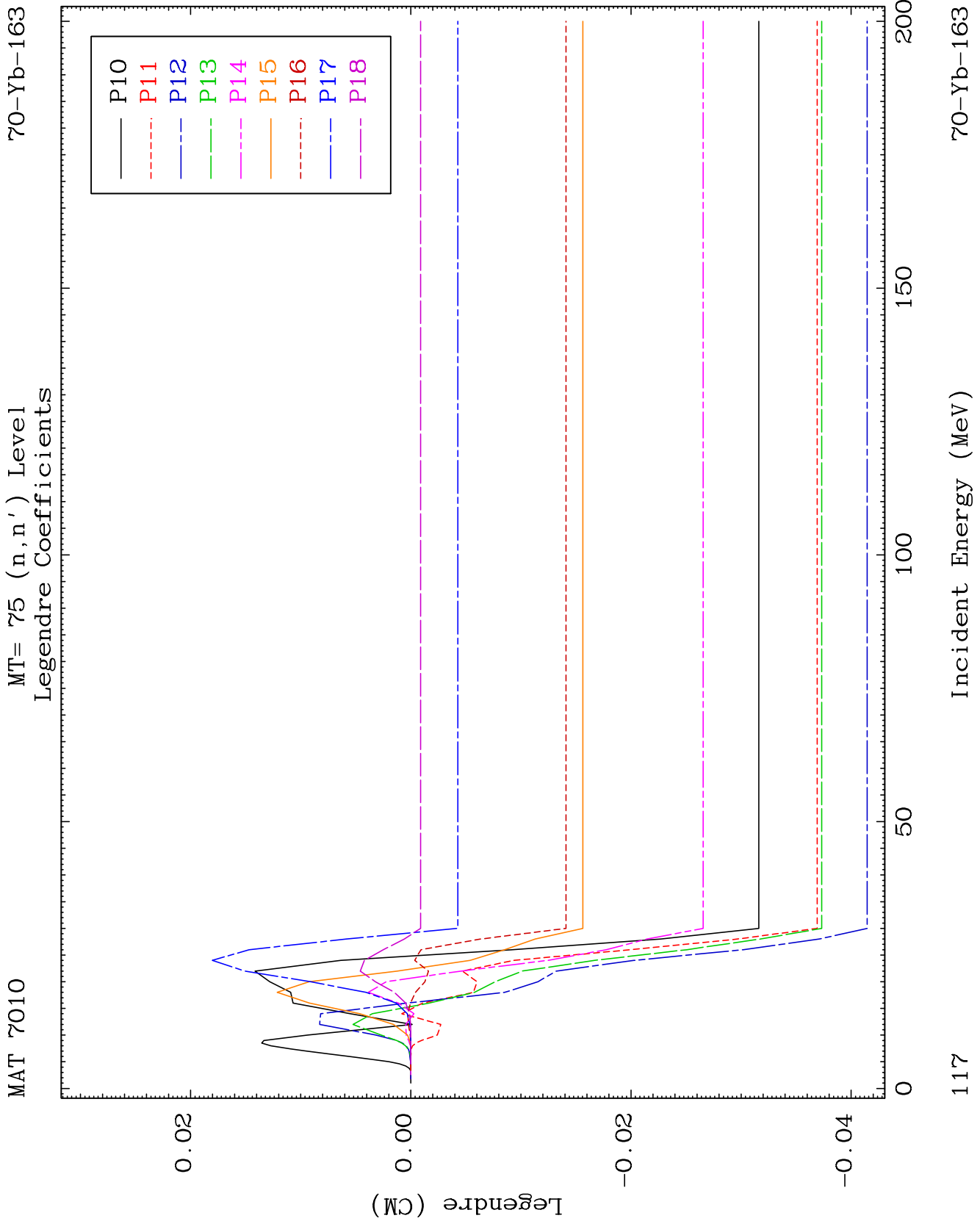


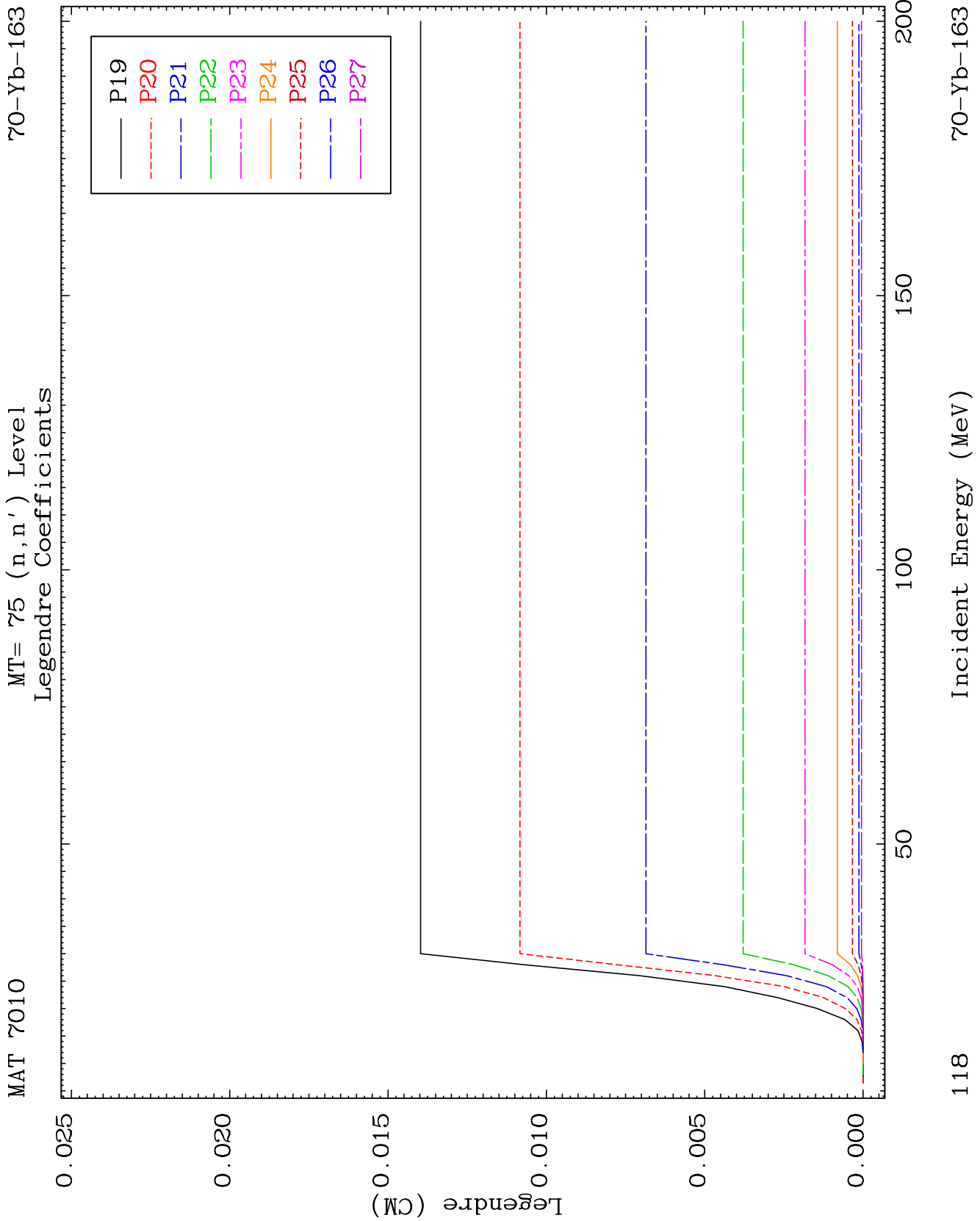
114

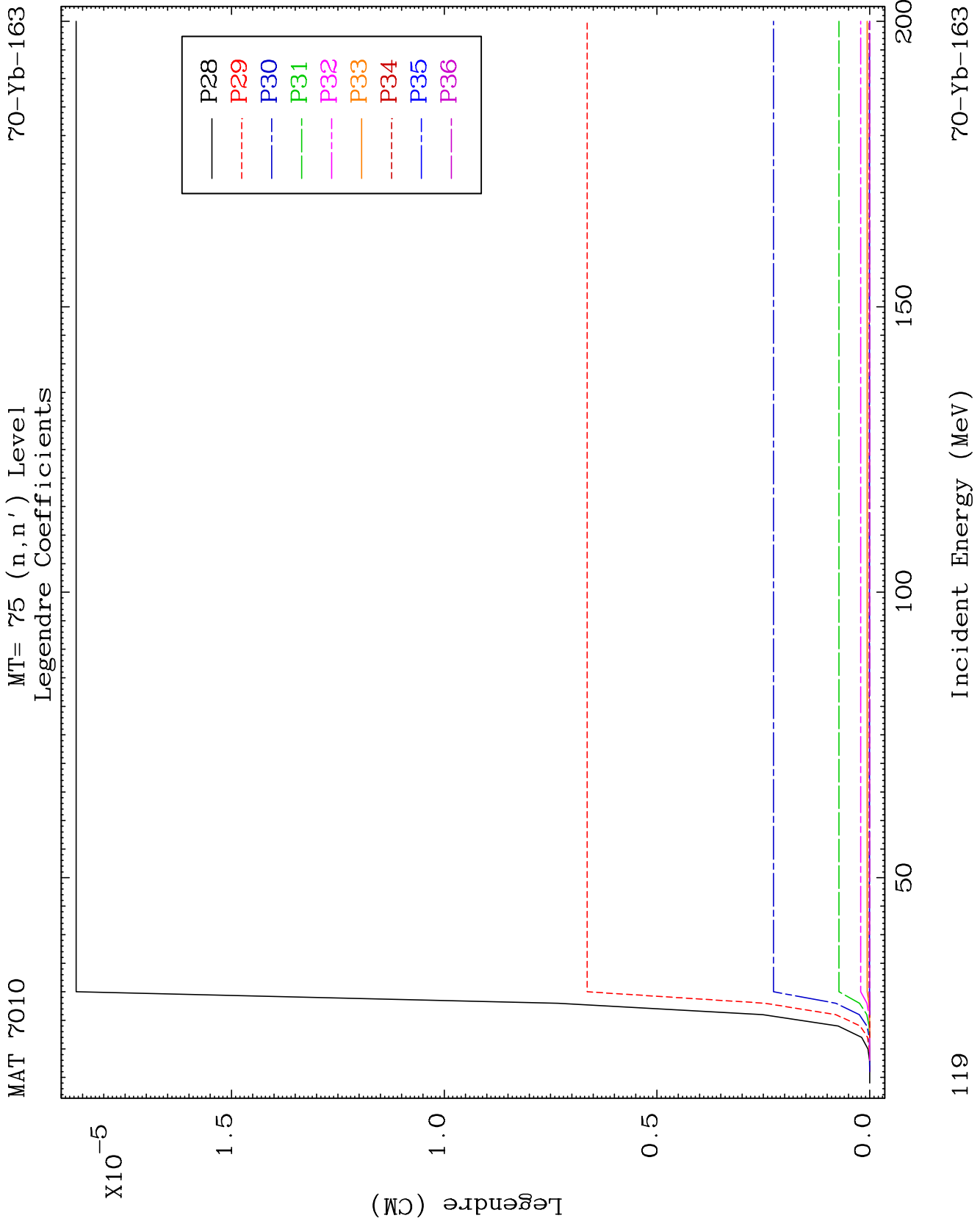
Incident Energy (MeV)

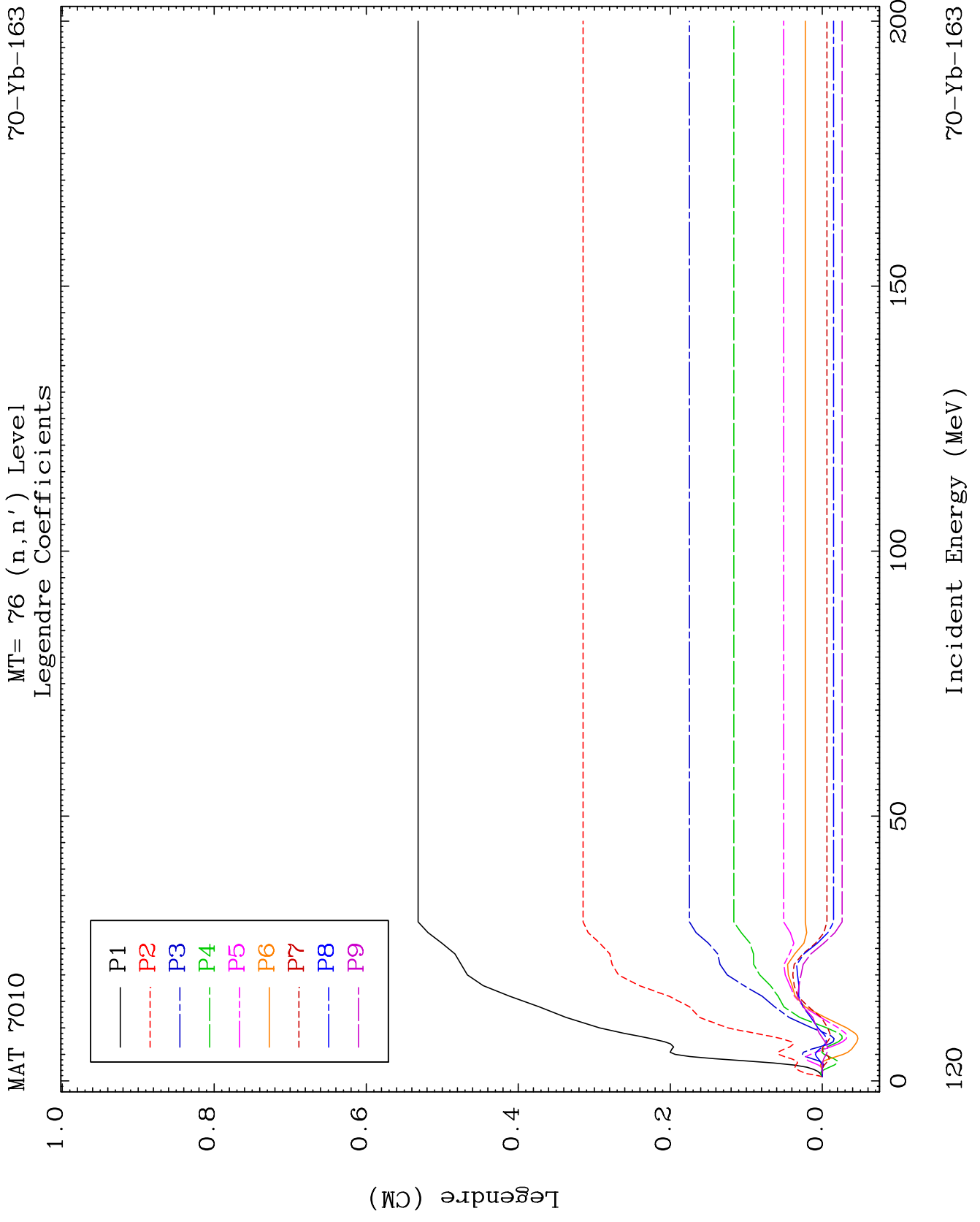
70-Yb-163

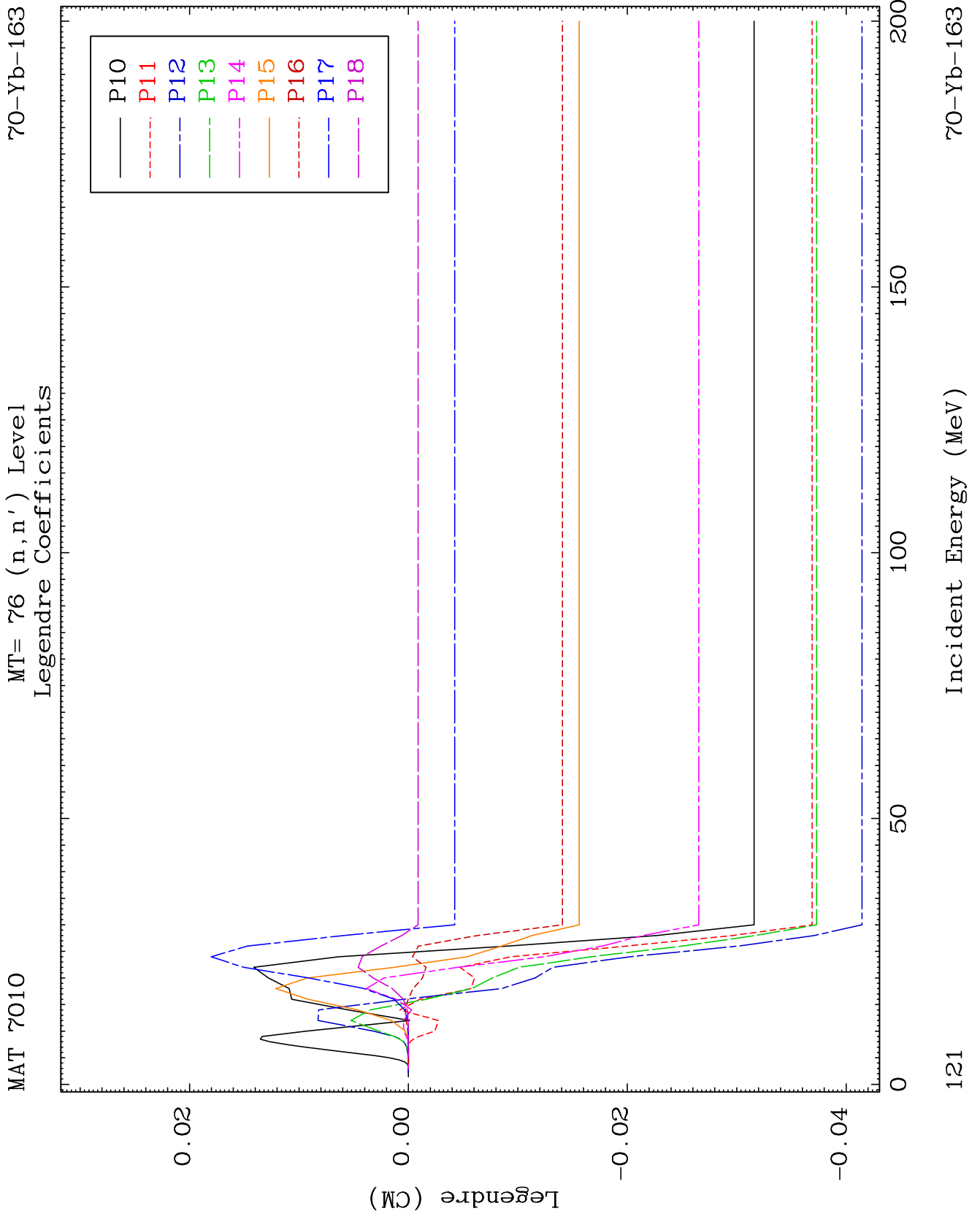


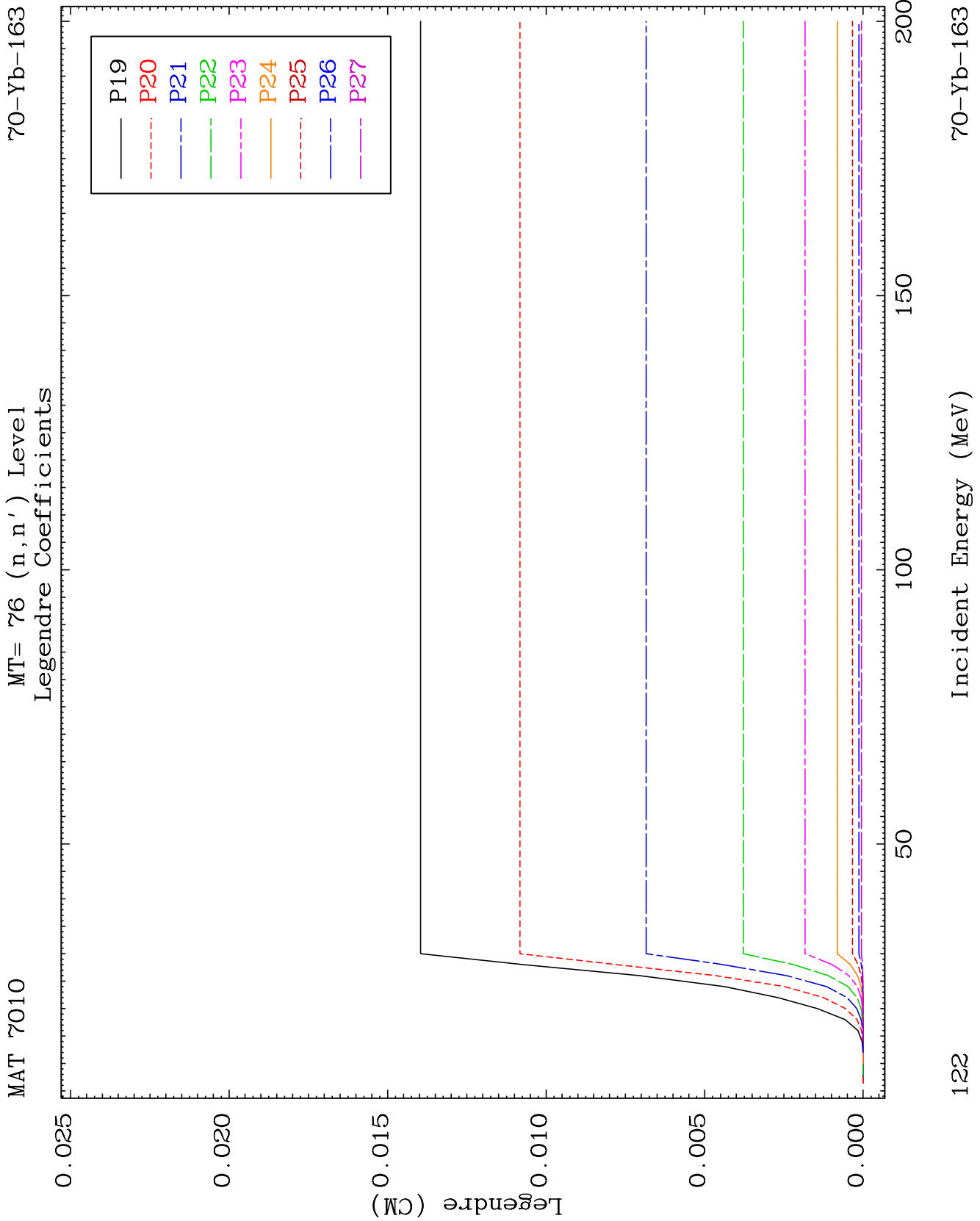








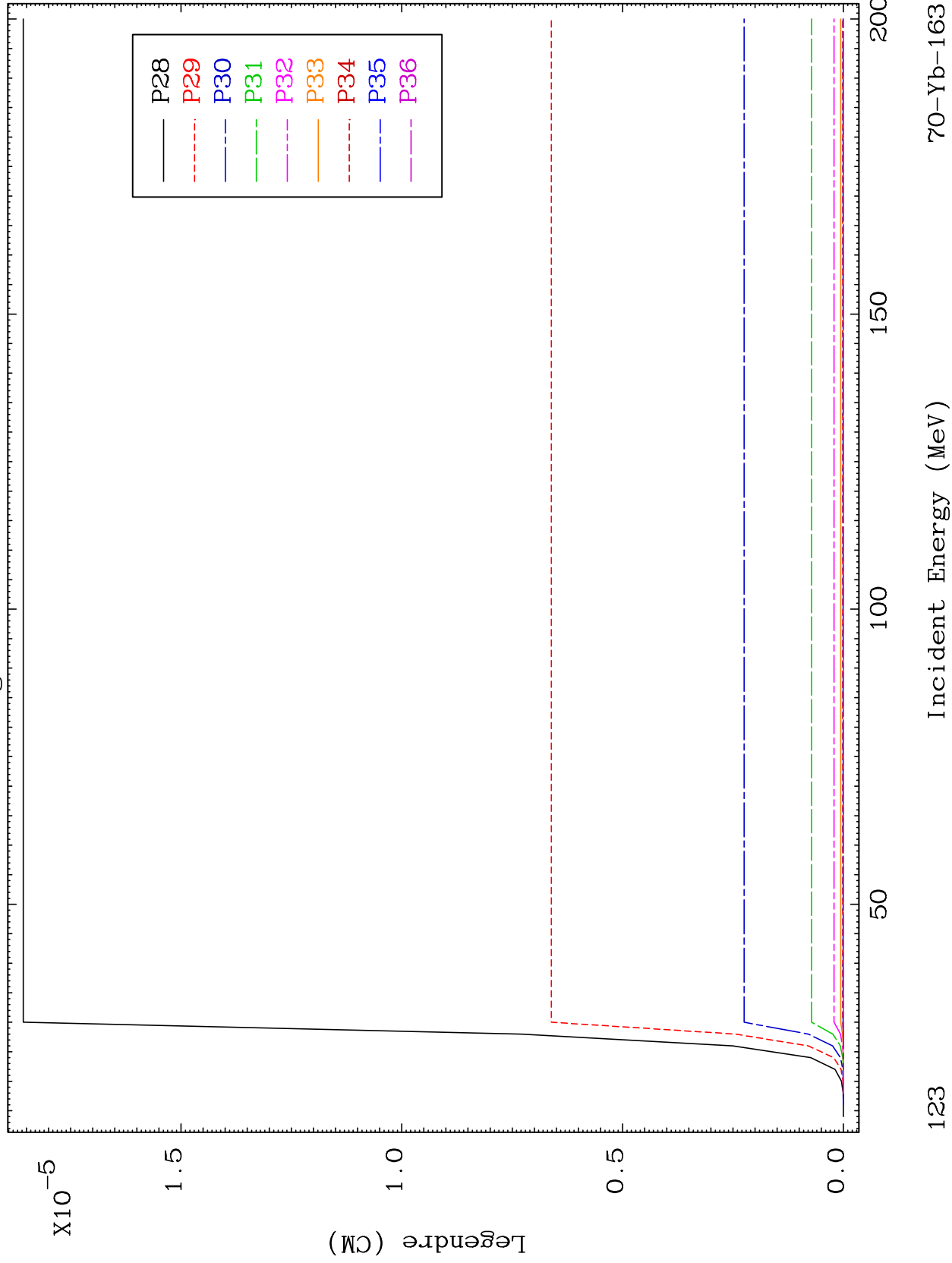




MAT 7010

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

70-Yb-163

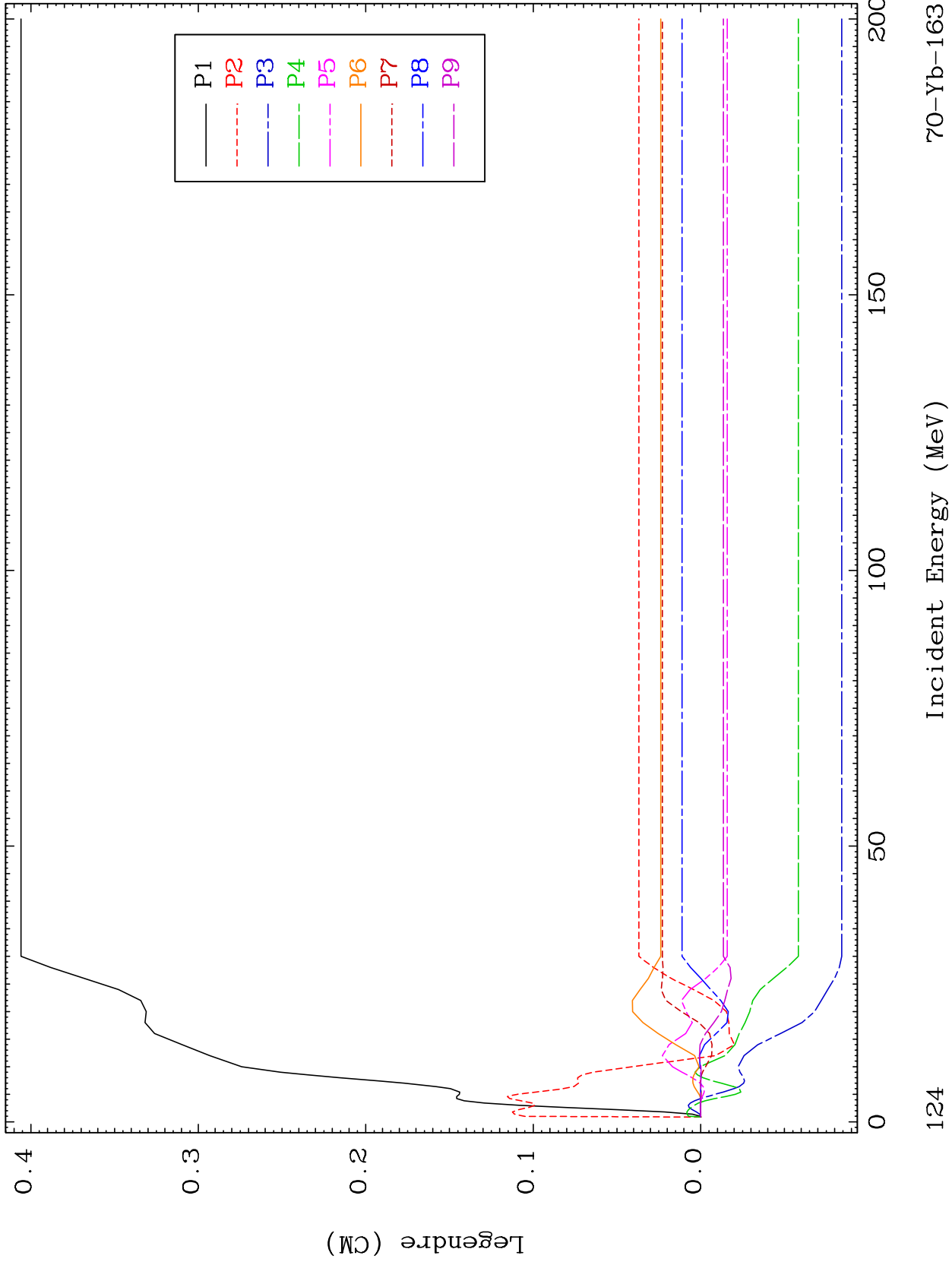


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MAT 7010

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

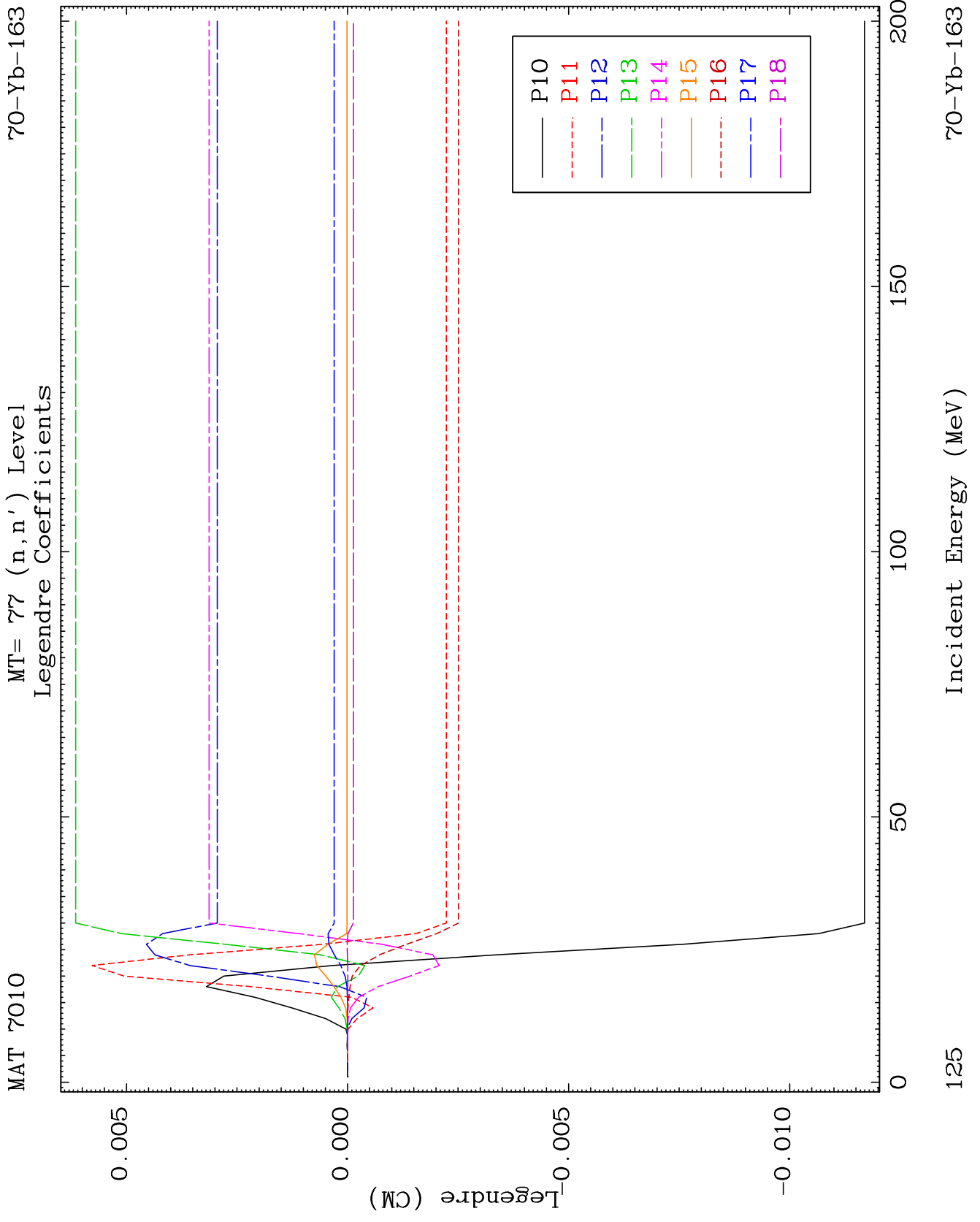
70-Yb-163

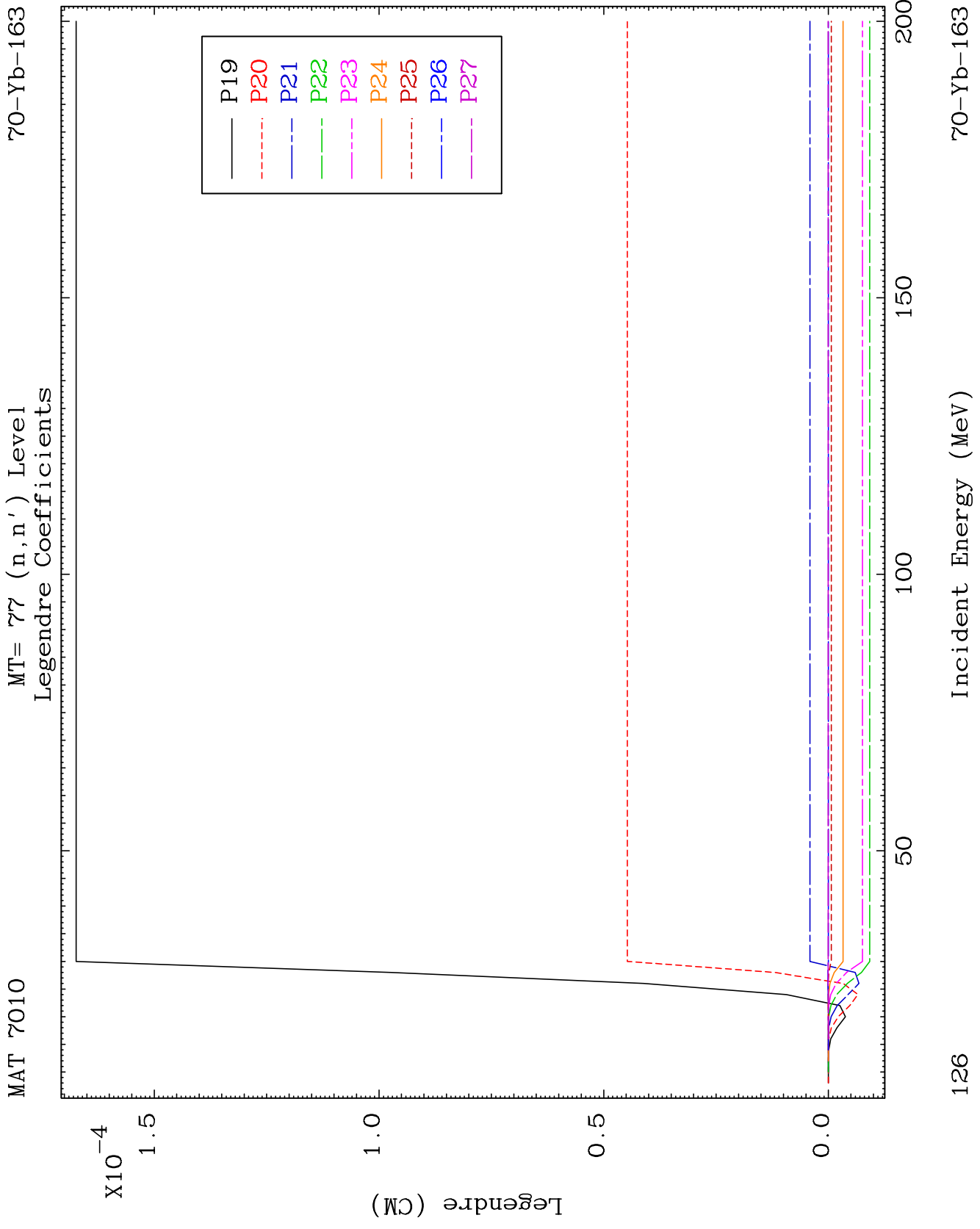


124

Incident Energy (MeV)

70-Yb-163

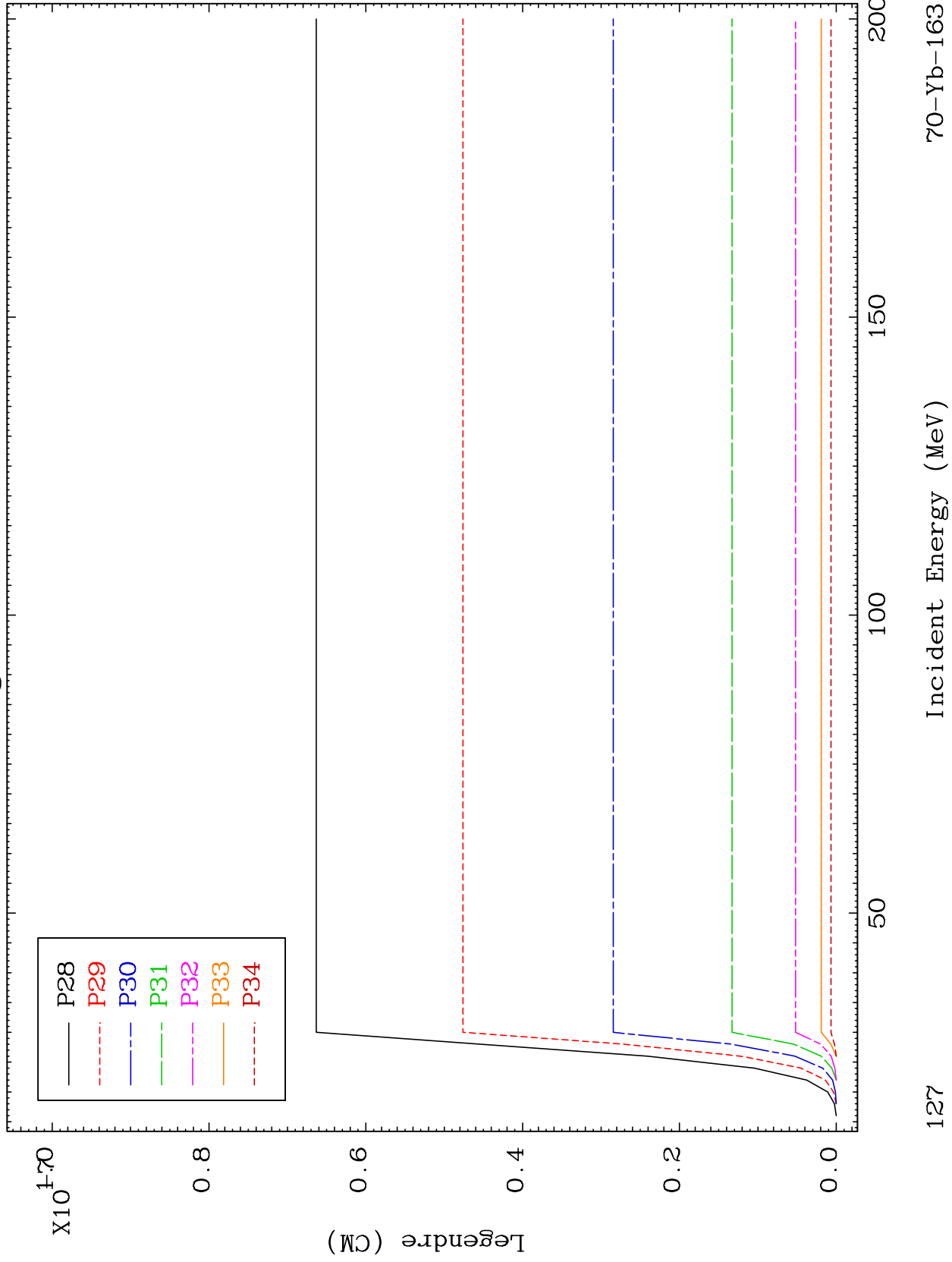




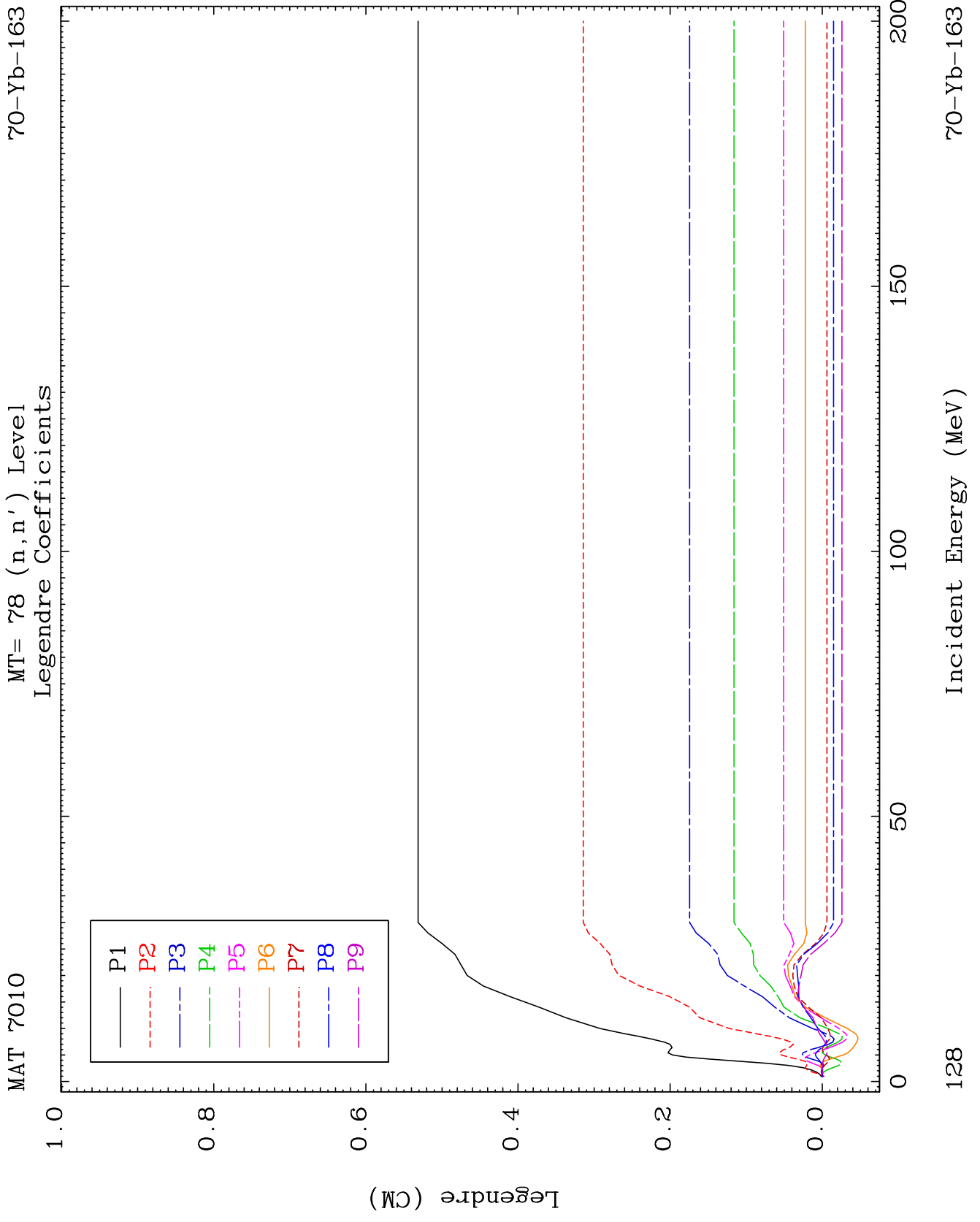
MAT 7010

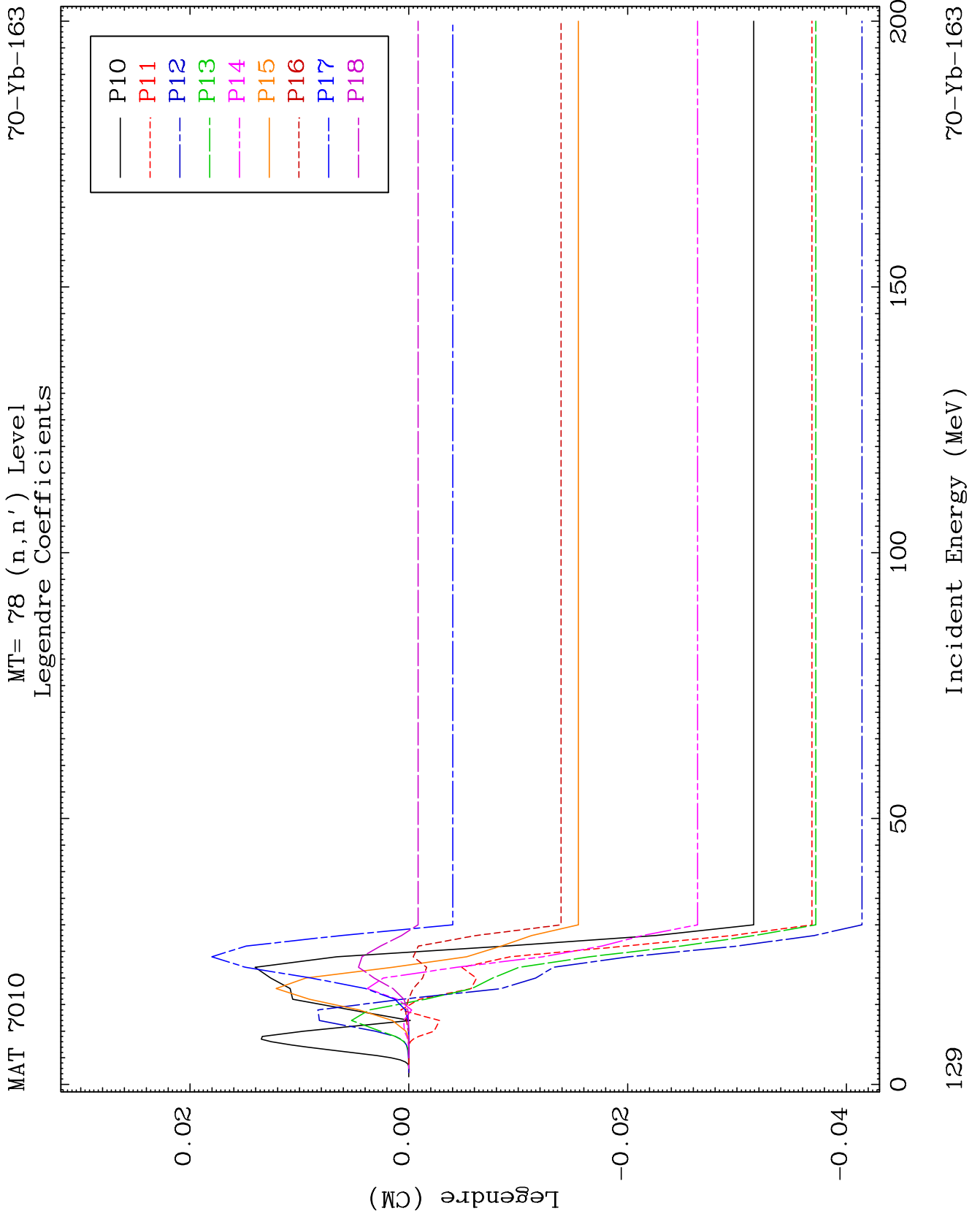
MT= 77 (n,n') Level
Legendre Coefficients

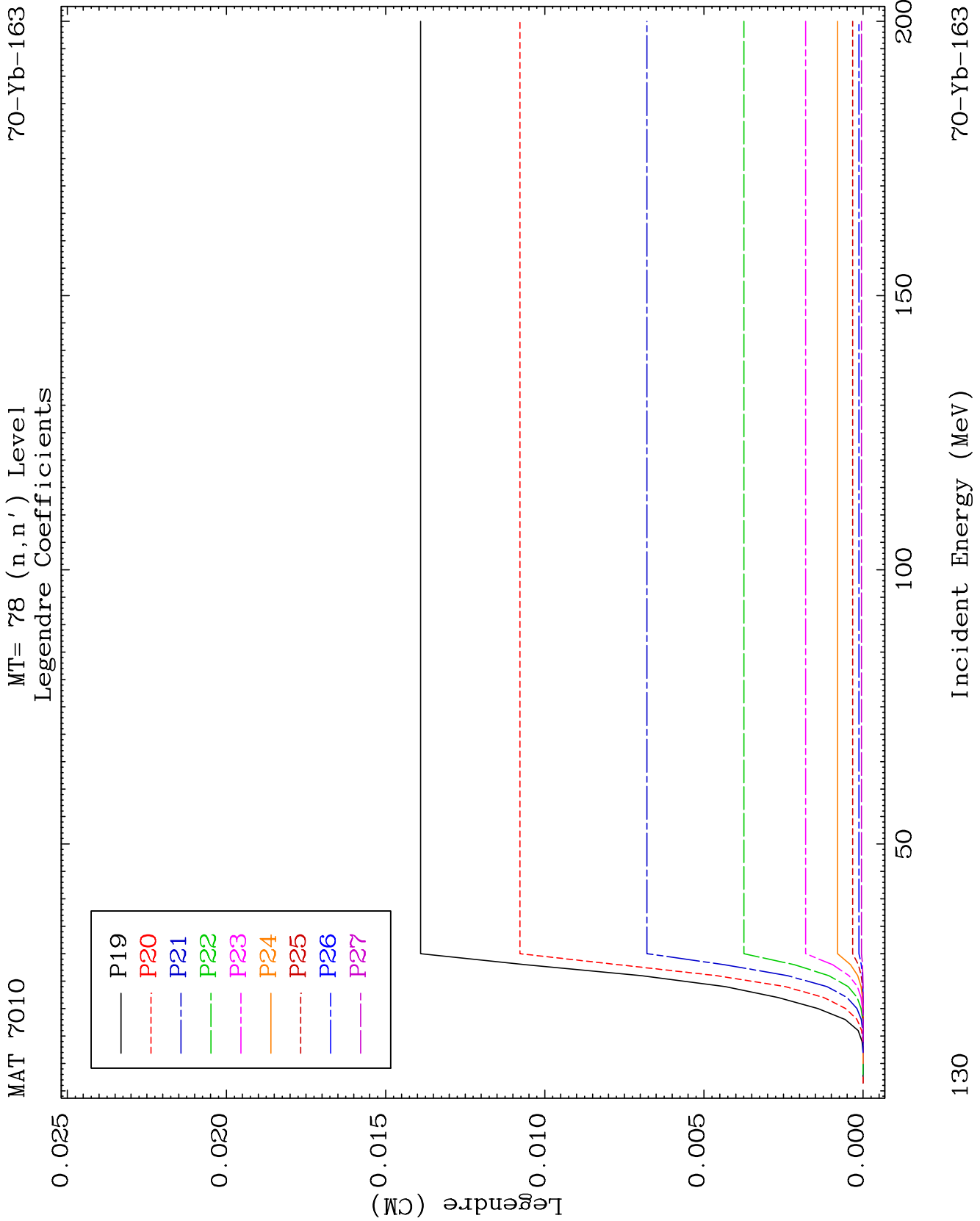
70-Yb-163



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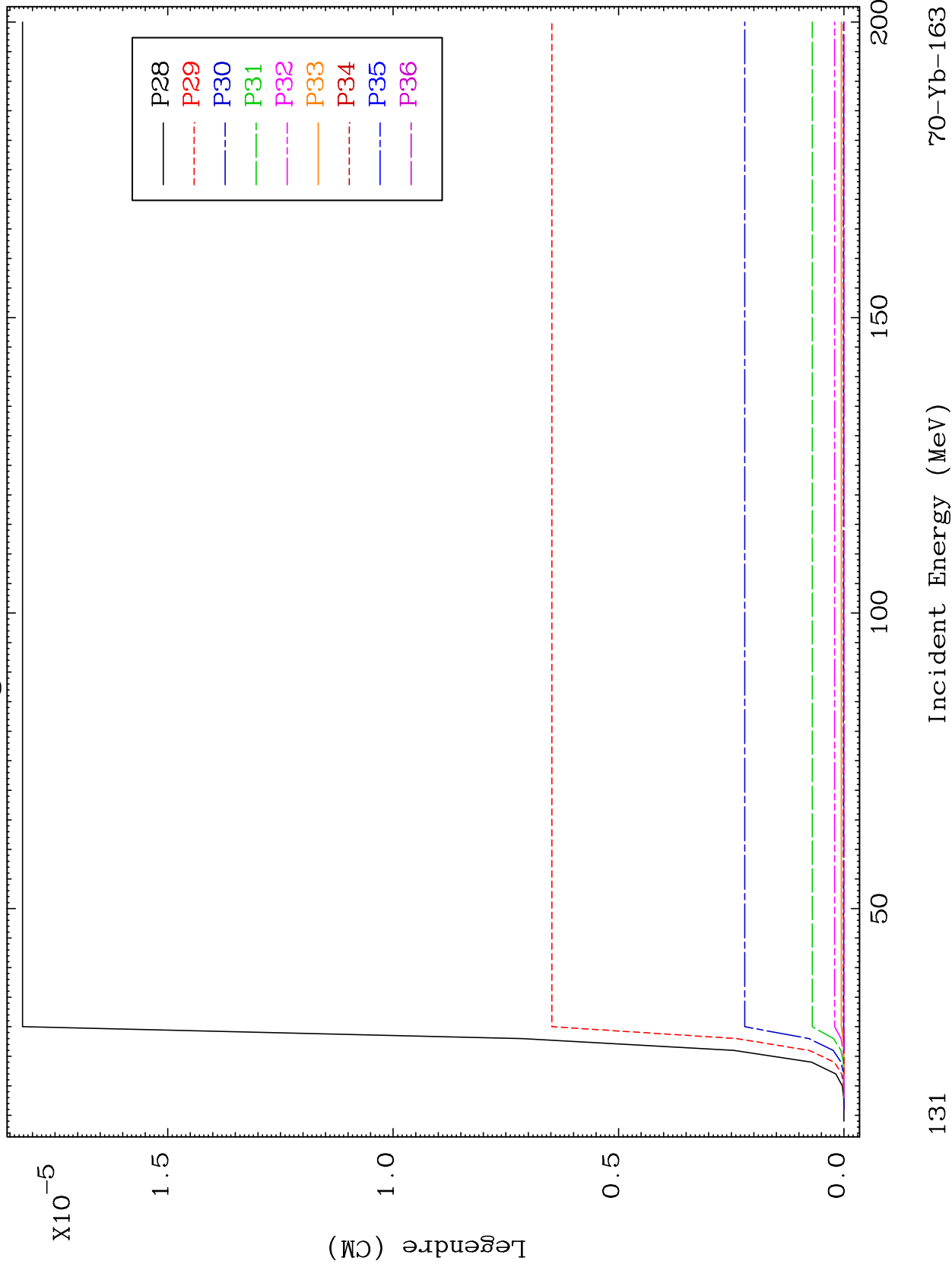




MAT 7010

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

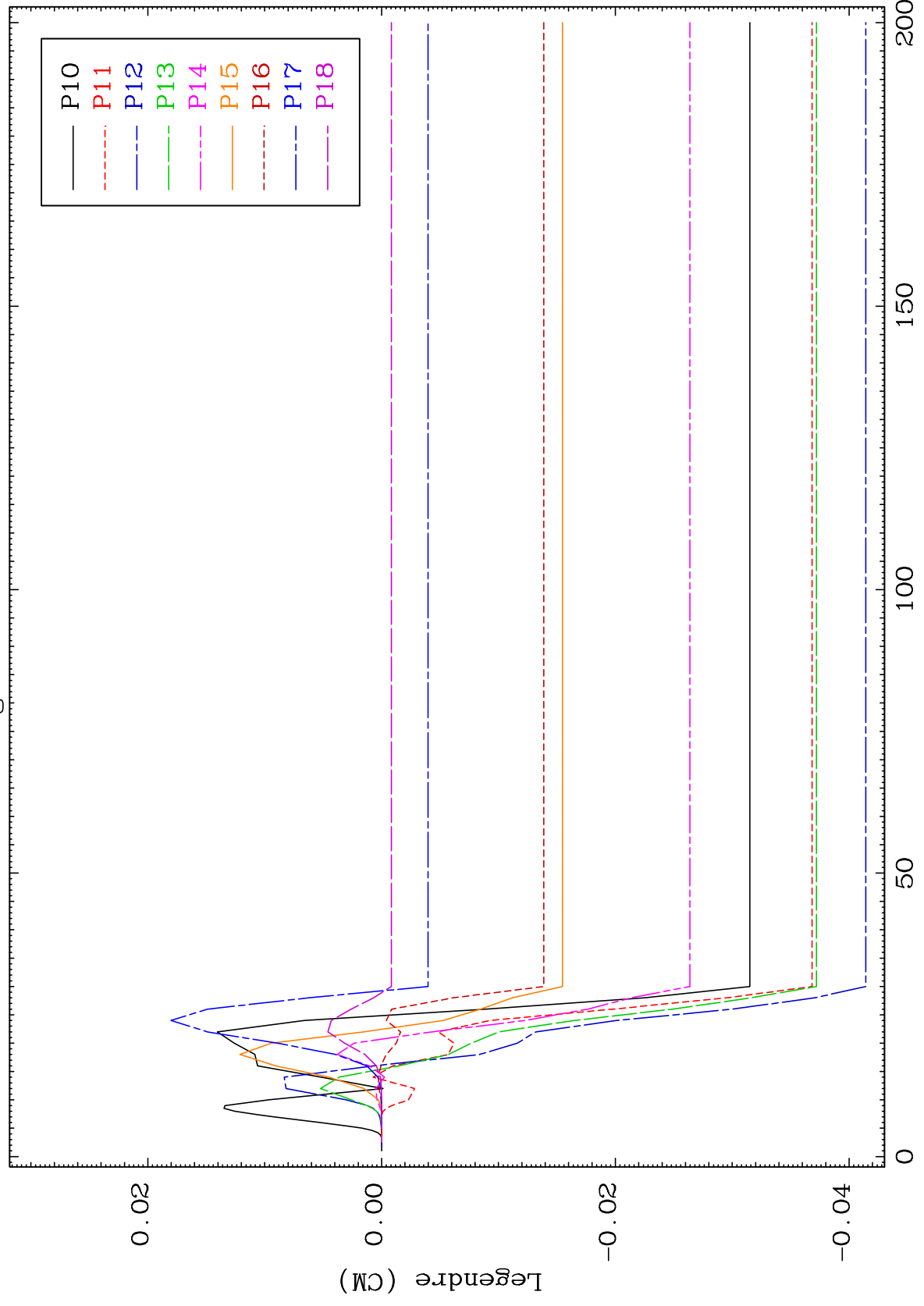
70-Yb-163



MAT 7010

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

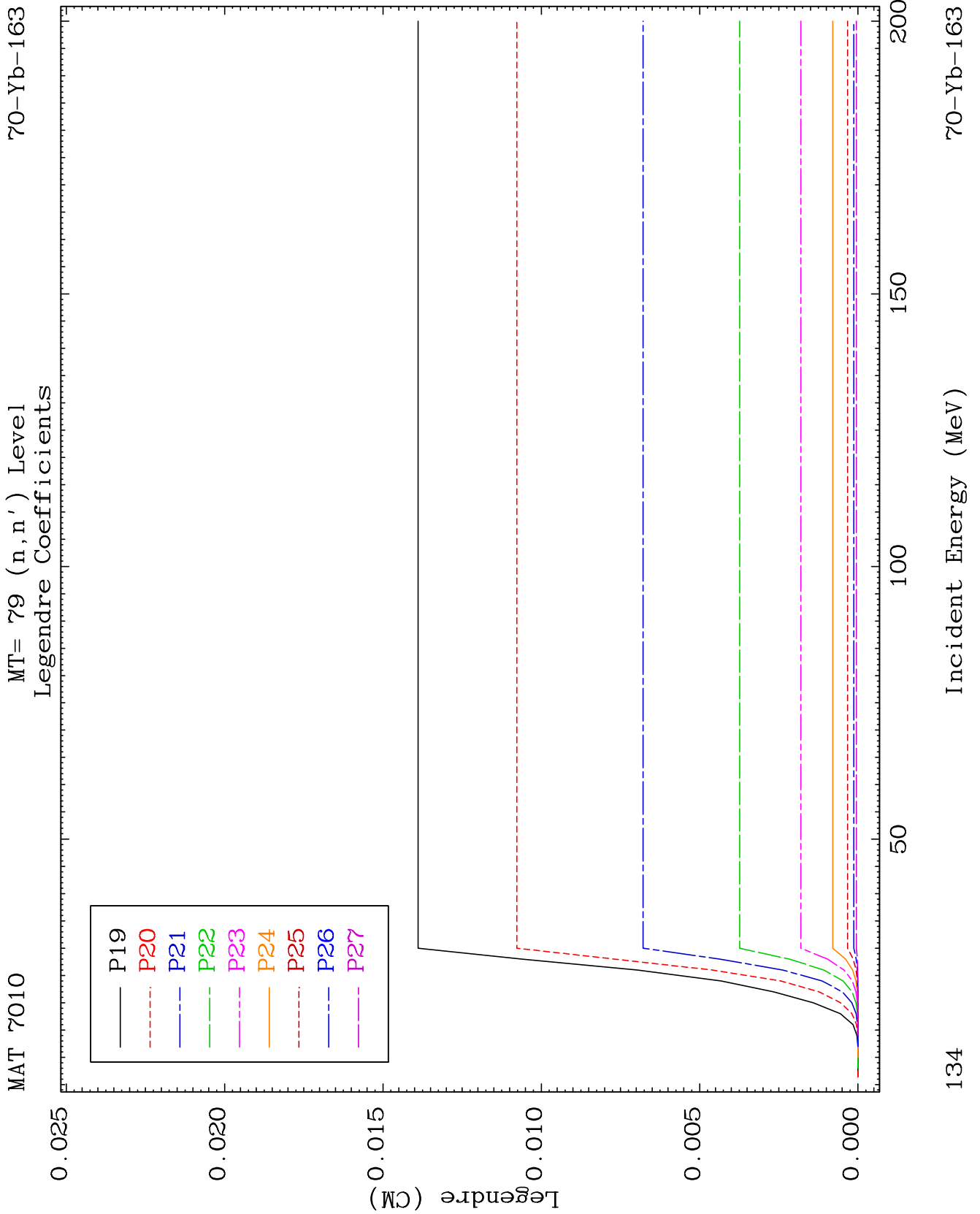
70-Yb-163



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Incident Energy (MeV)

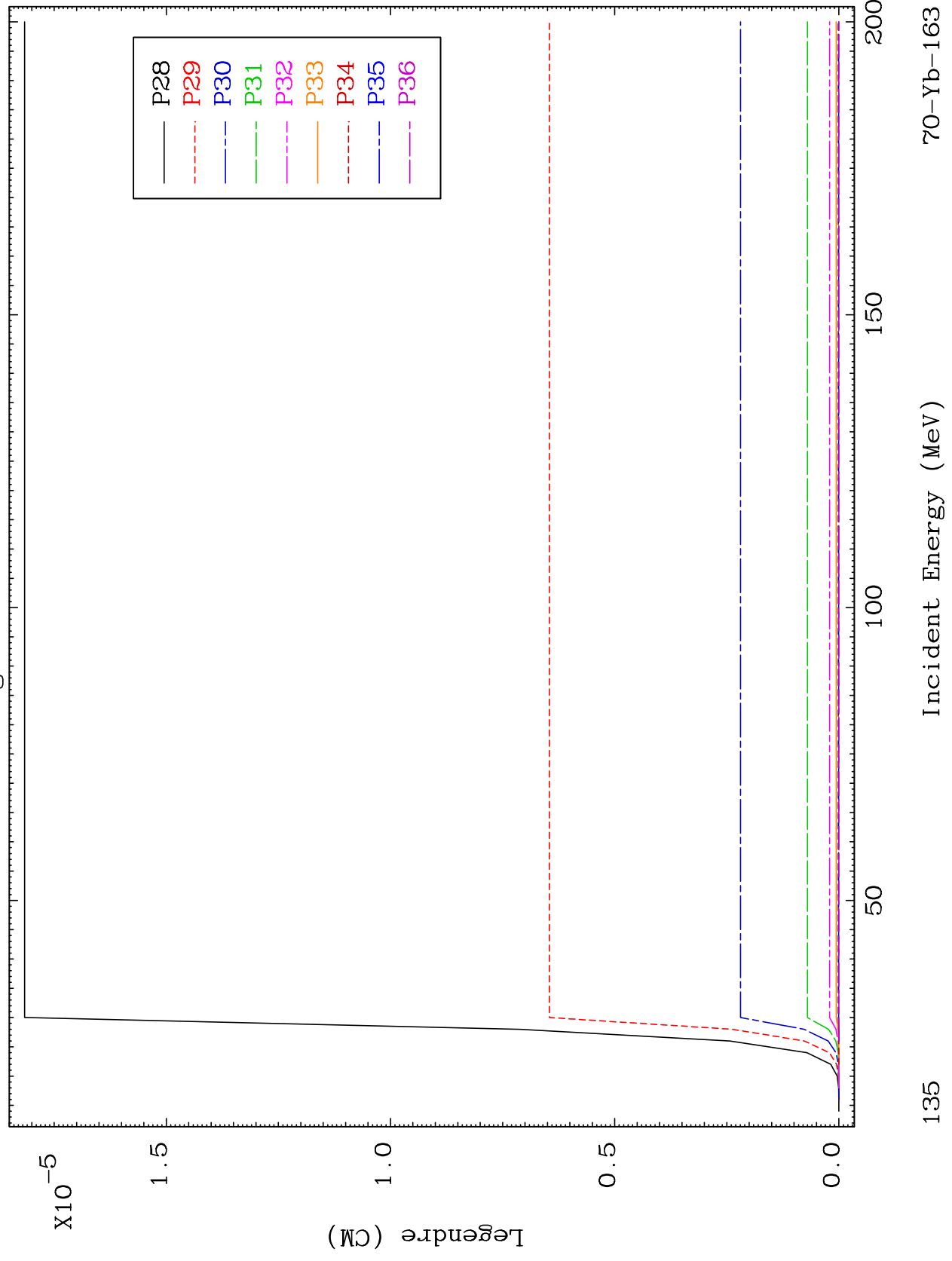
70-Yb-163



MAT 7010

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

70-Yb-163



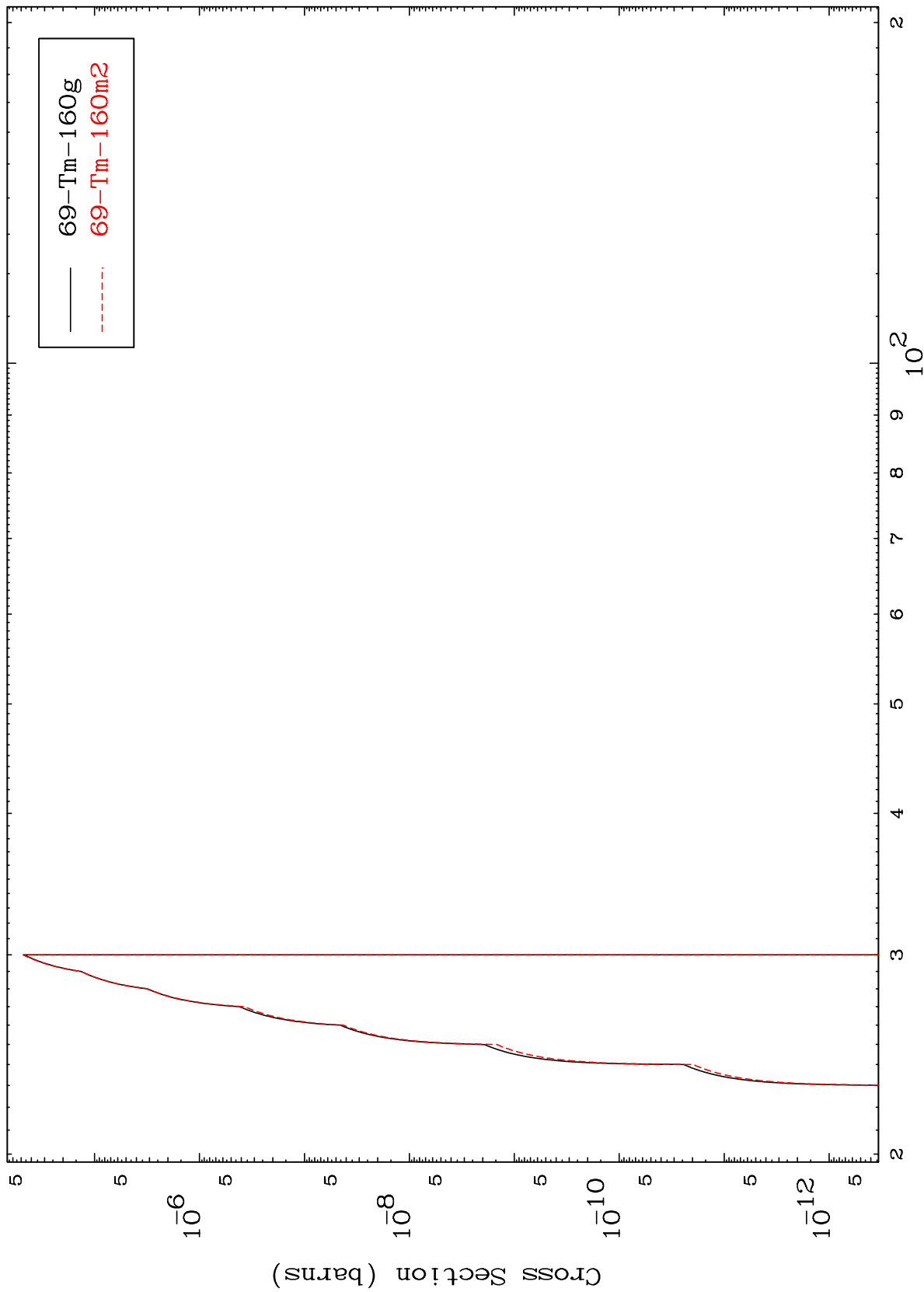
70-Yb-163

MAT 7010

(n,2n) d

70-Yb-163

Radionuclide Production Cross Section



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Incident Energy (MeV)

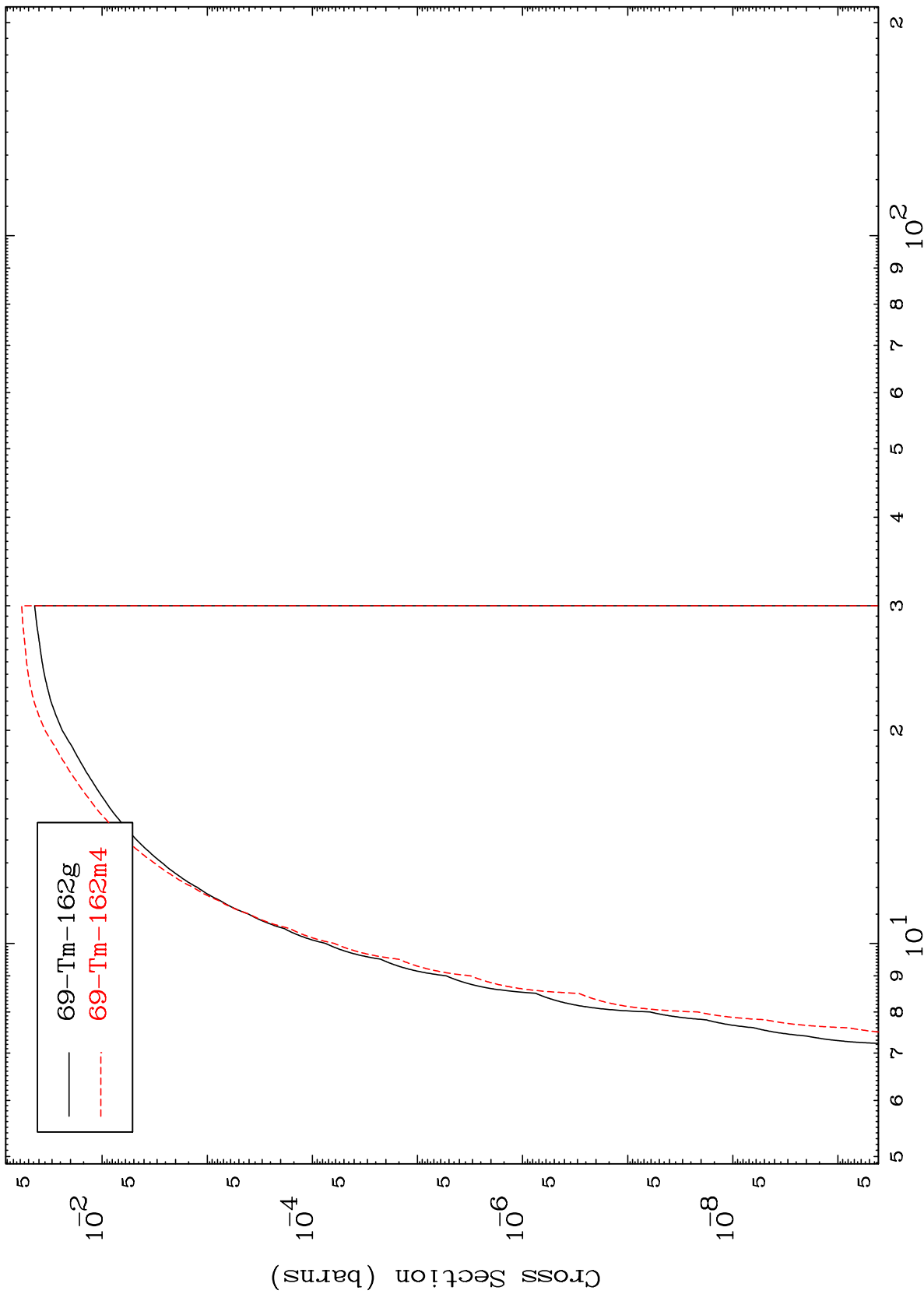
70-Yb-163

MAT 7010

(n,n') p

70-Yb-163

Radionuclide Production Cross Section

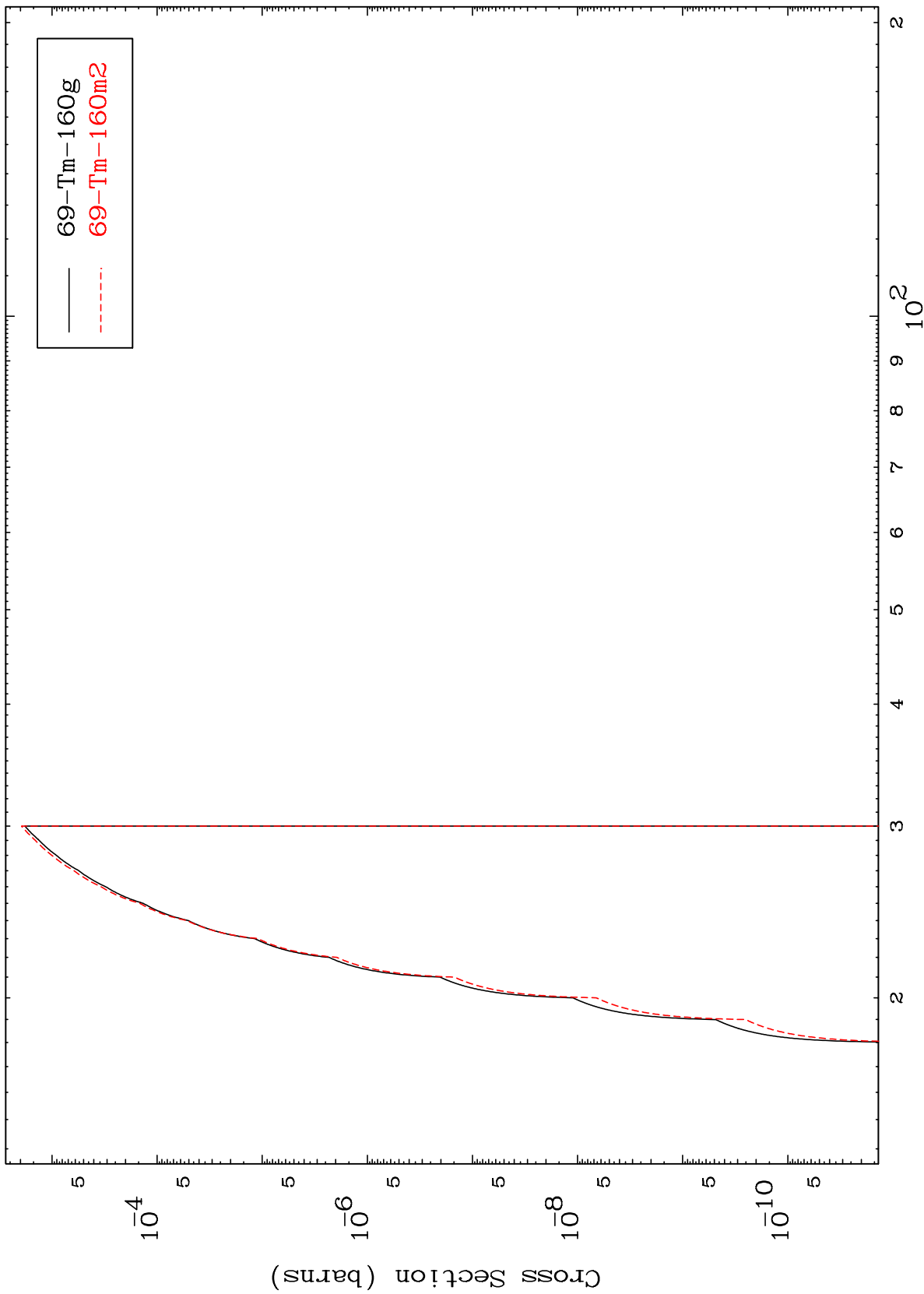


137

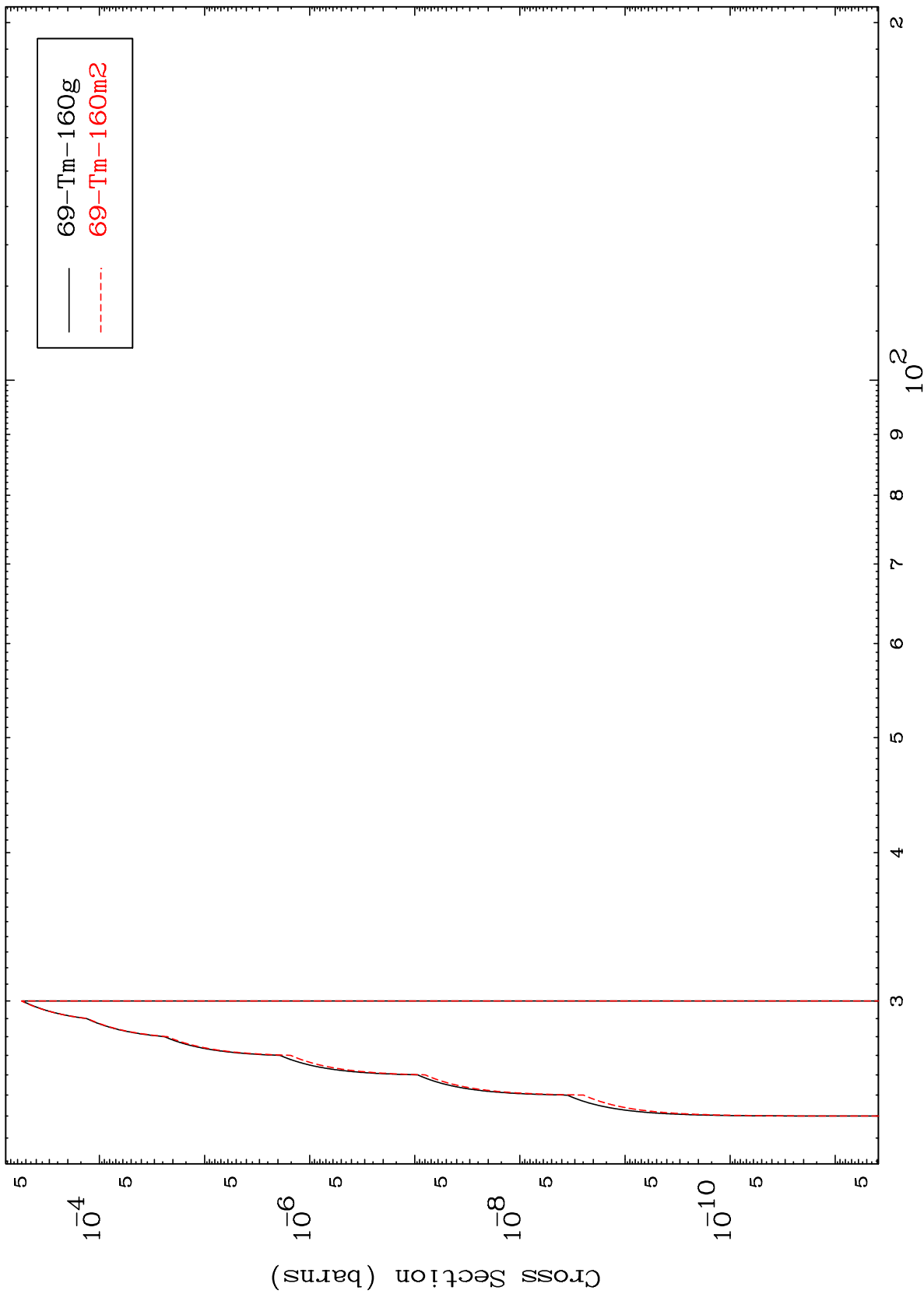
Incident Energy (MeV)

70-Yb-163

Radionuclide Production Cross Section



Radionuclide Production Cross Section

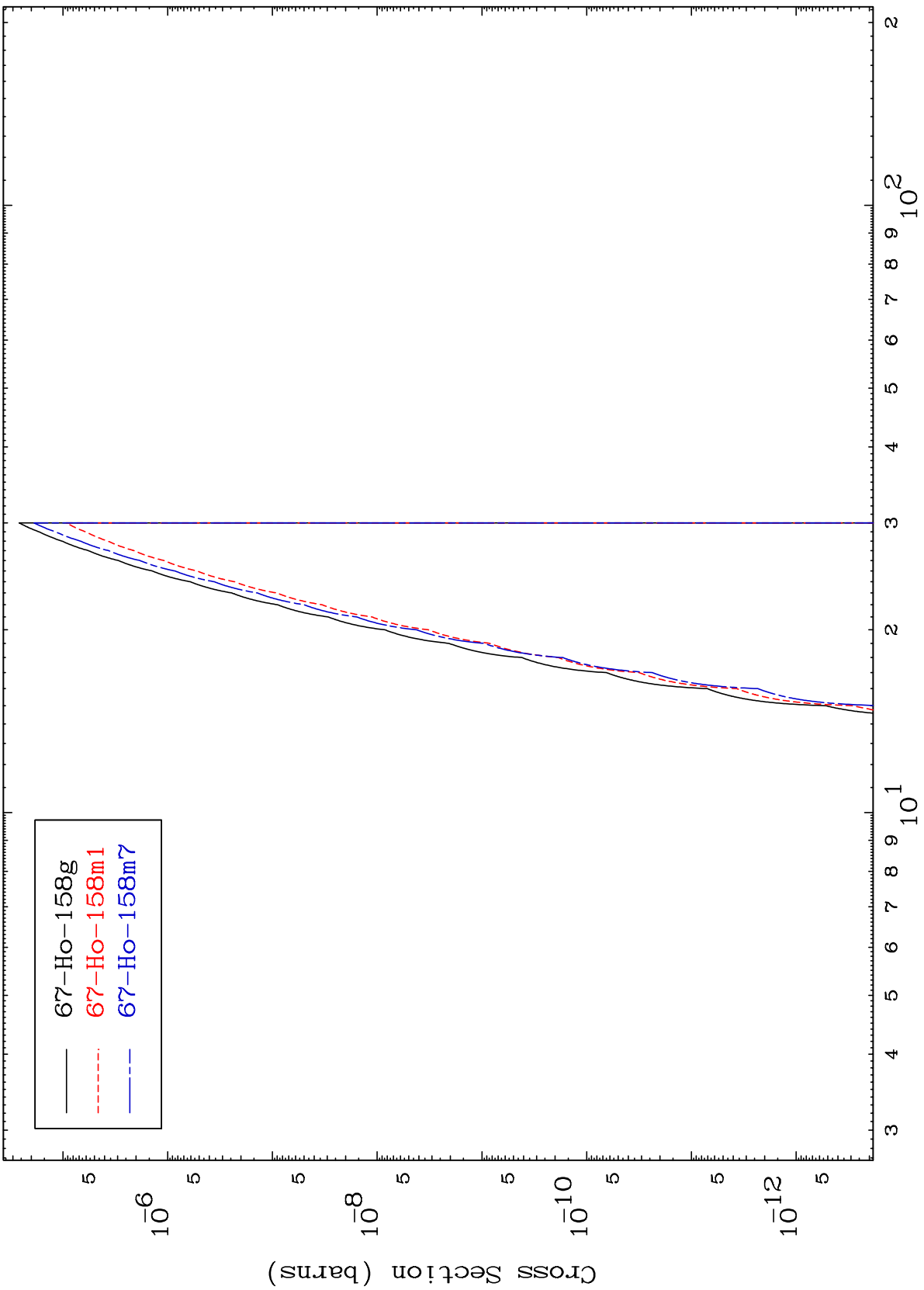


MAT 7010

(n,n') p α

70-Yb-163

Radionuclide Production Cross Section



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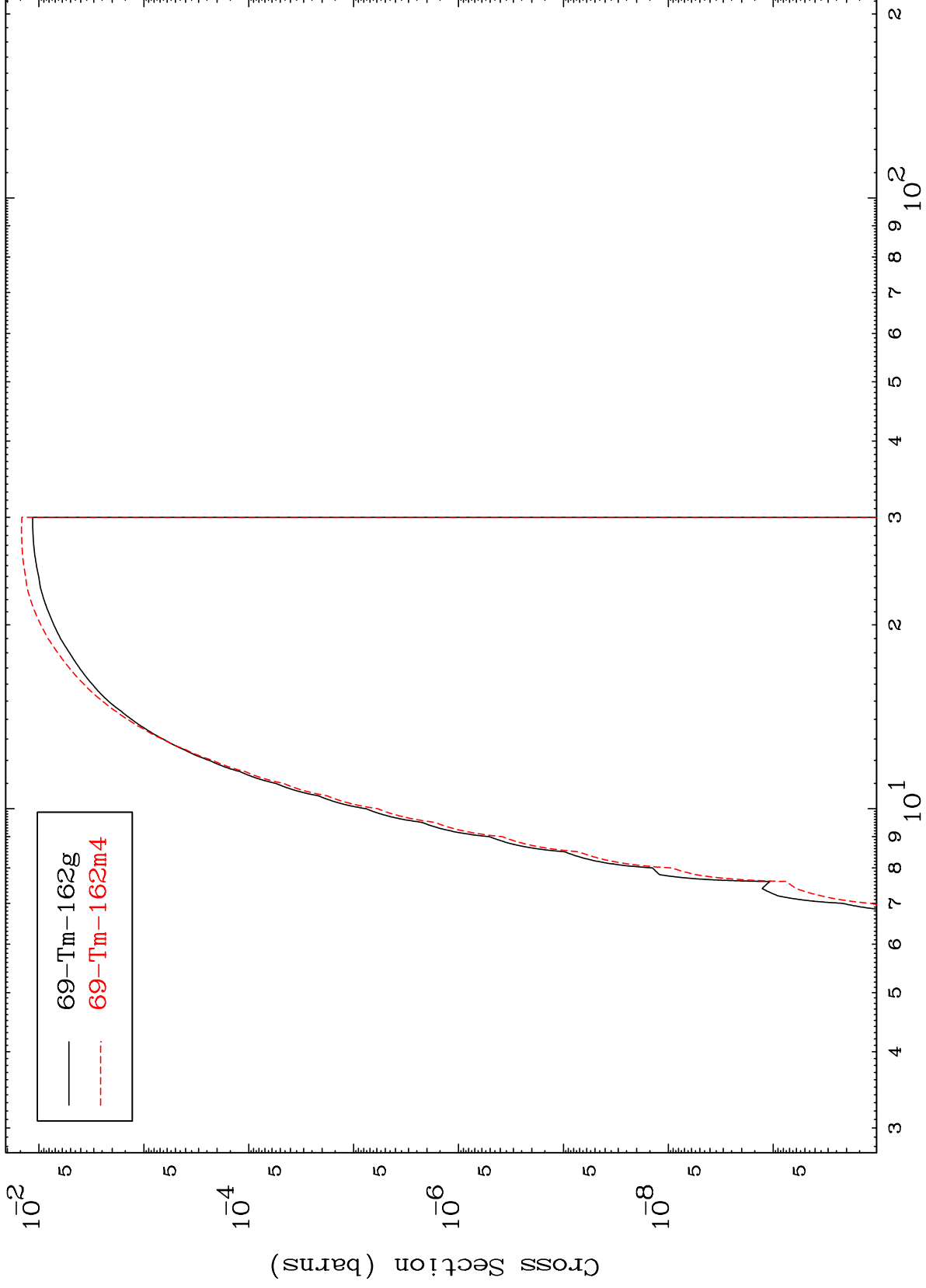
Incident Energy (MeV)

70-Yb-163

MAT 7010

70-Yb-163

(n,d)
Radionuclide Production Cross Section



70-Yb-163

Incident Energy (MeV)

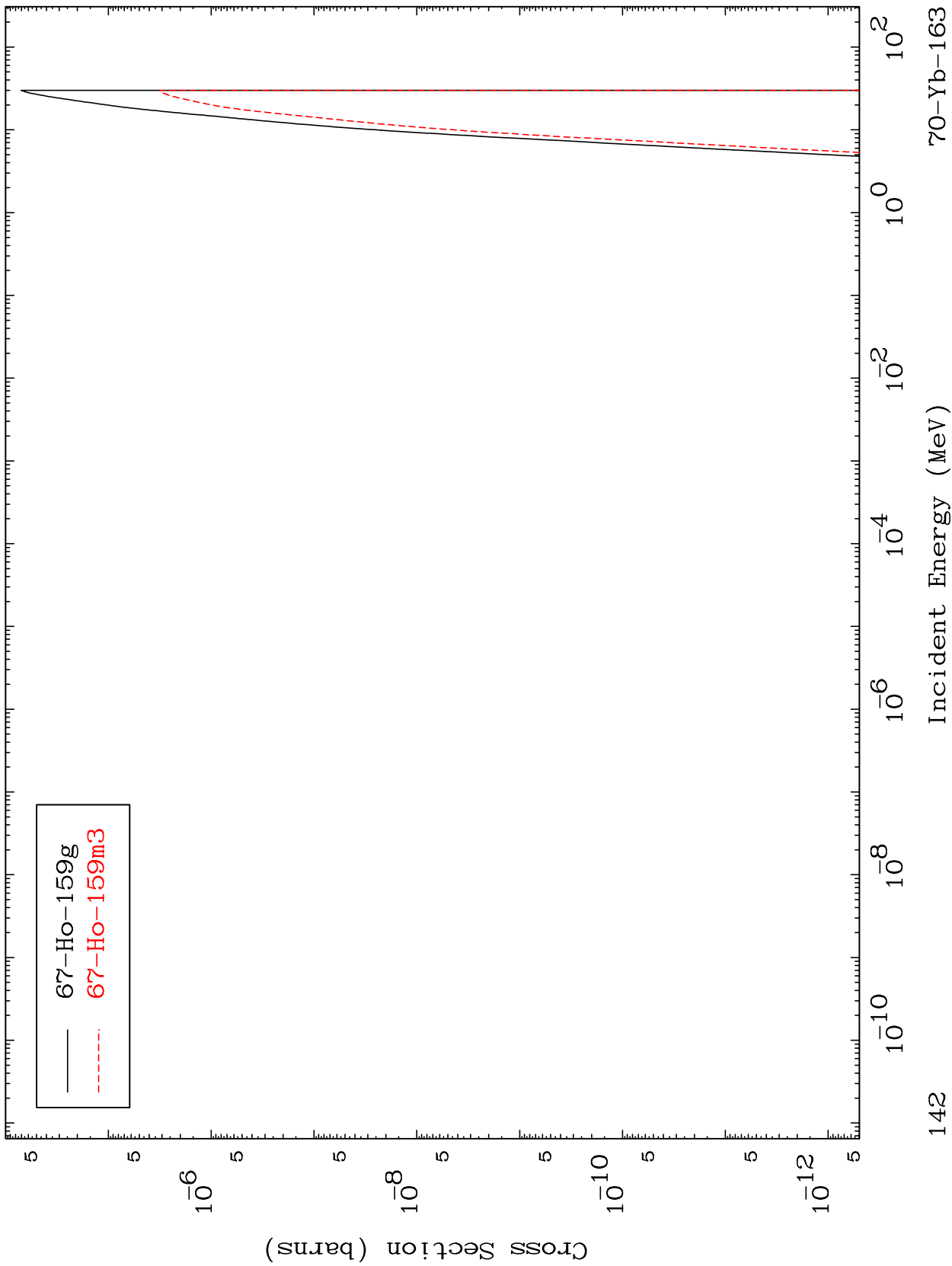
141

MAT 7010

(n,p) α

70-Yb-163

Radionuclide Production Cross Section

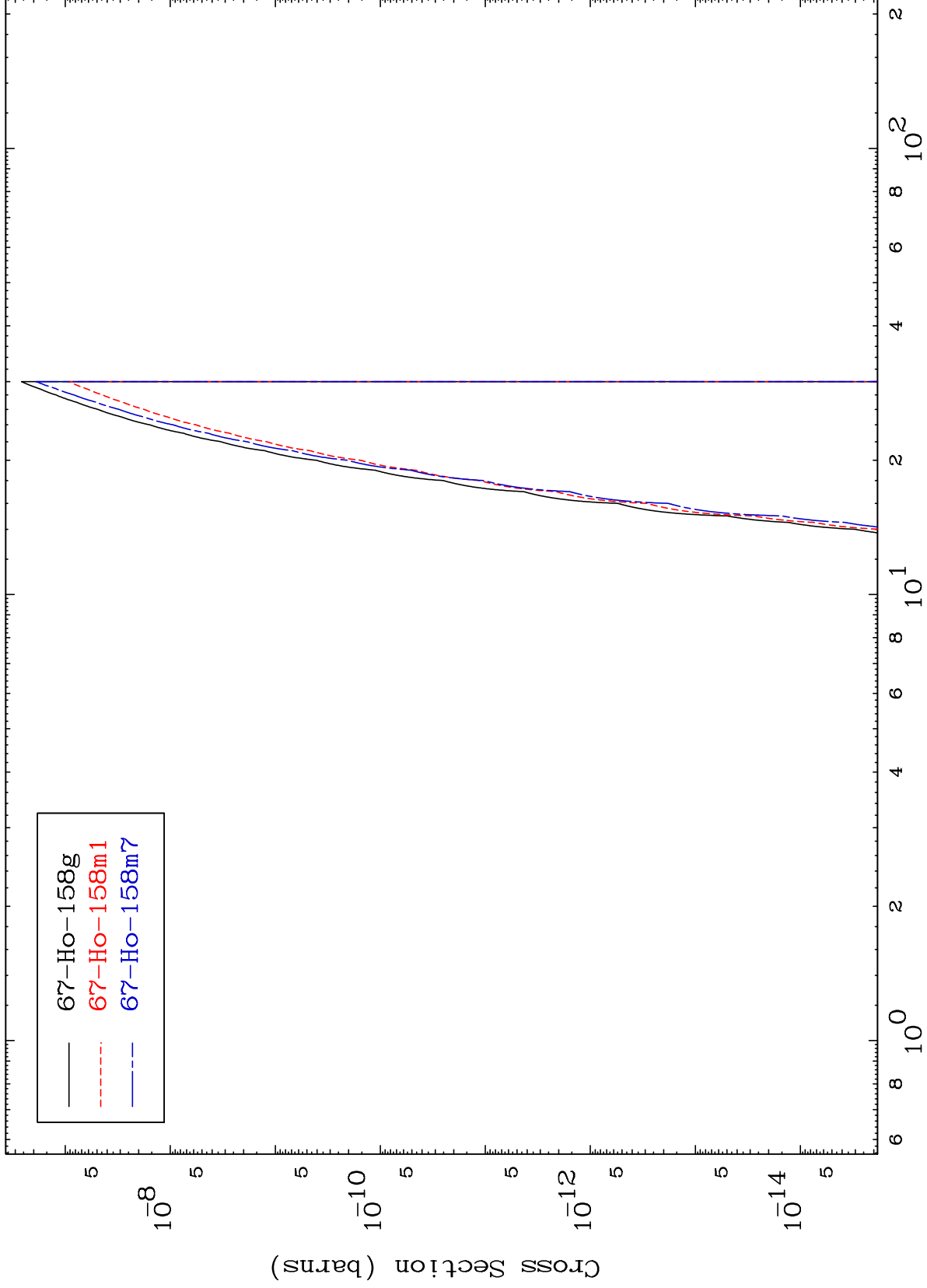


MAT 7010

(n,d) α

70-Yb-163

Radionuclide Production Cross Section



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Incident Energy (MeV)

70-Yb-163