

Program EVALPLOT
(Version 2017-1)

by

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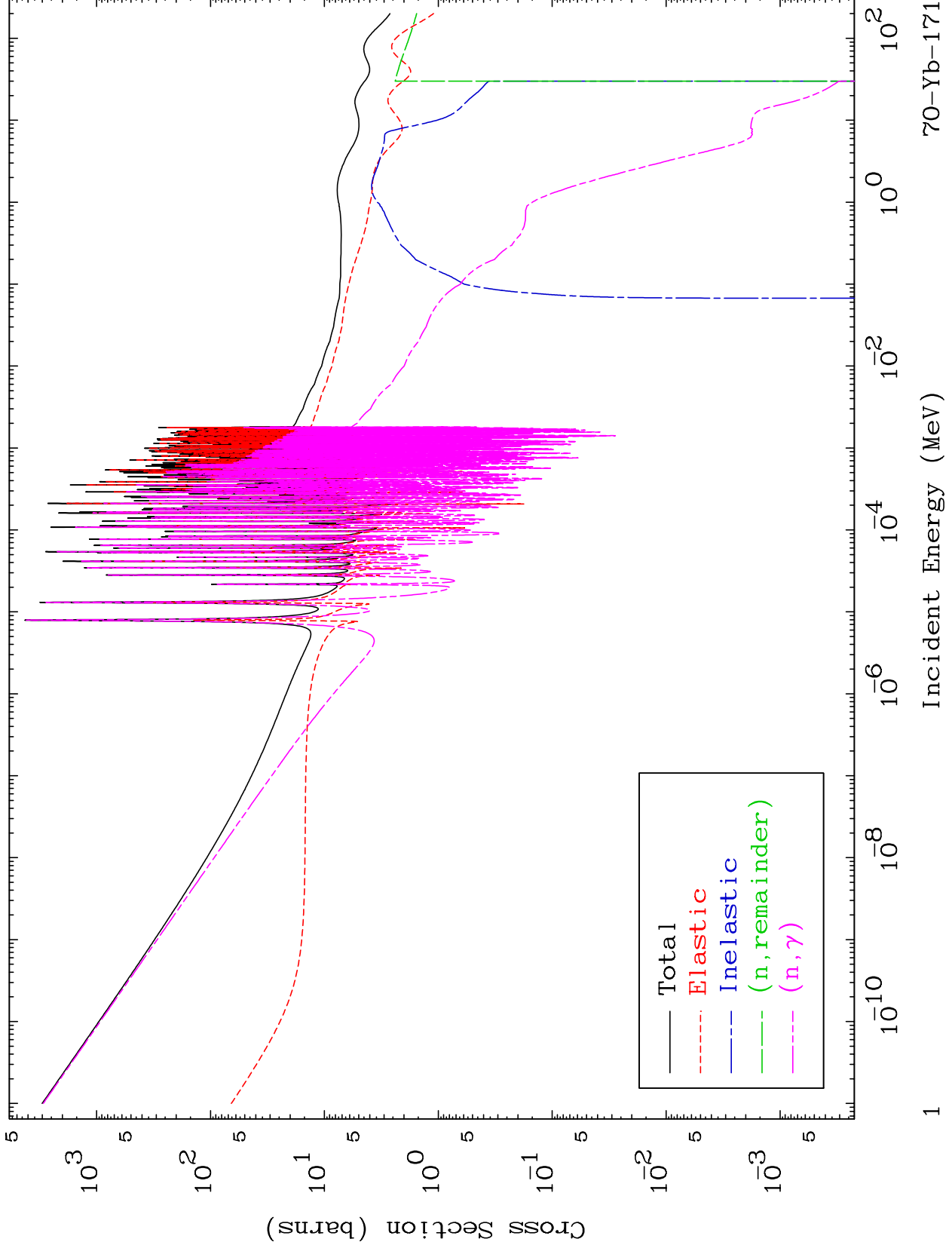
Press Mouse Button to Start

MAT 7034

Major

293 Kelvin Cross Sections

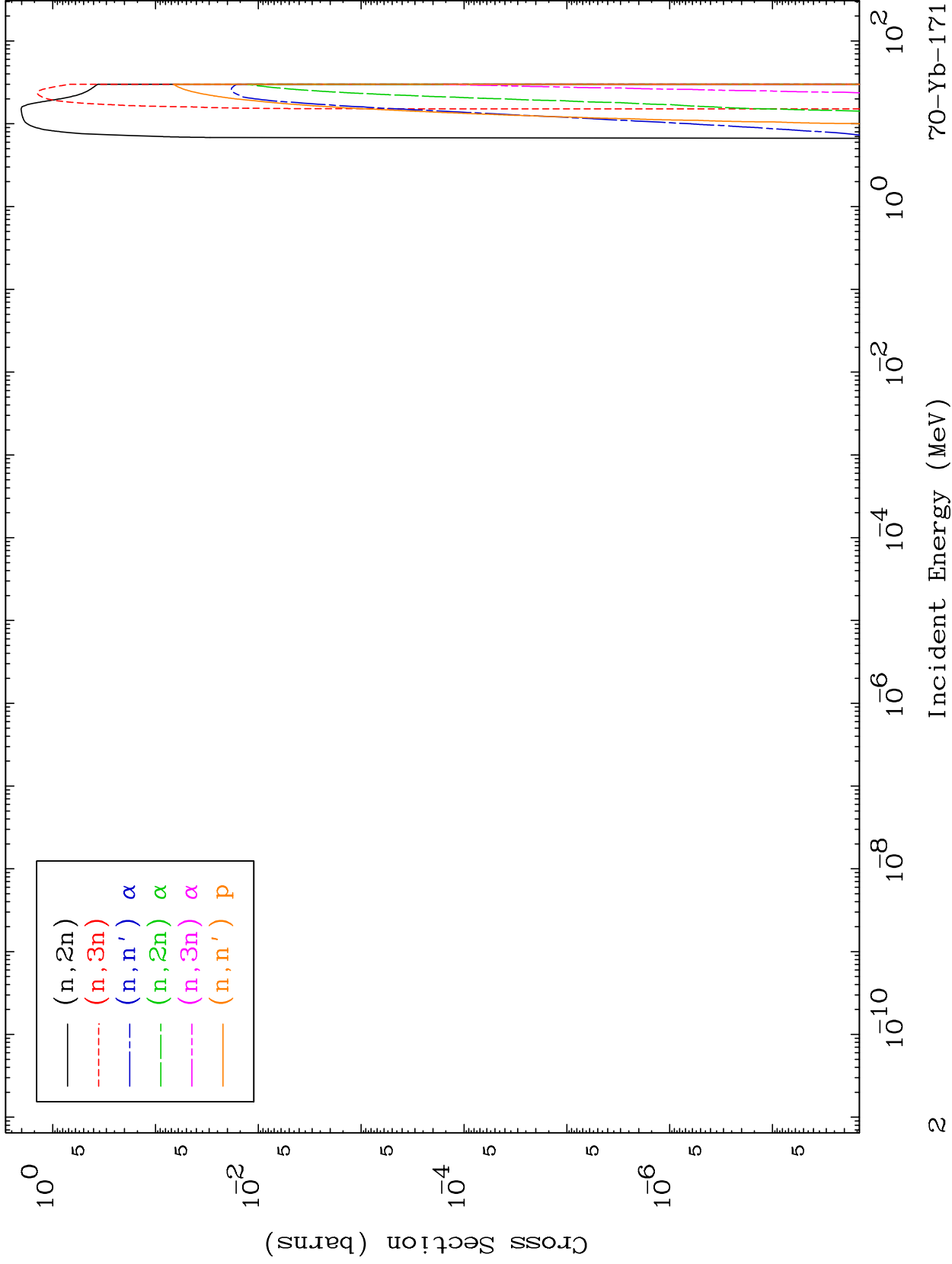
70-Yb-171

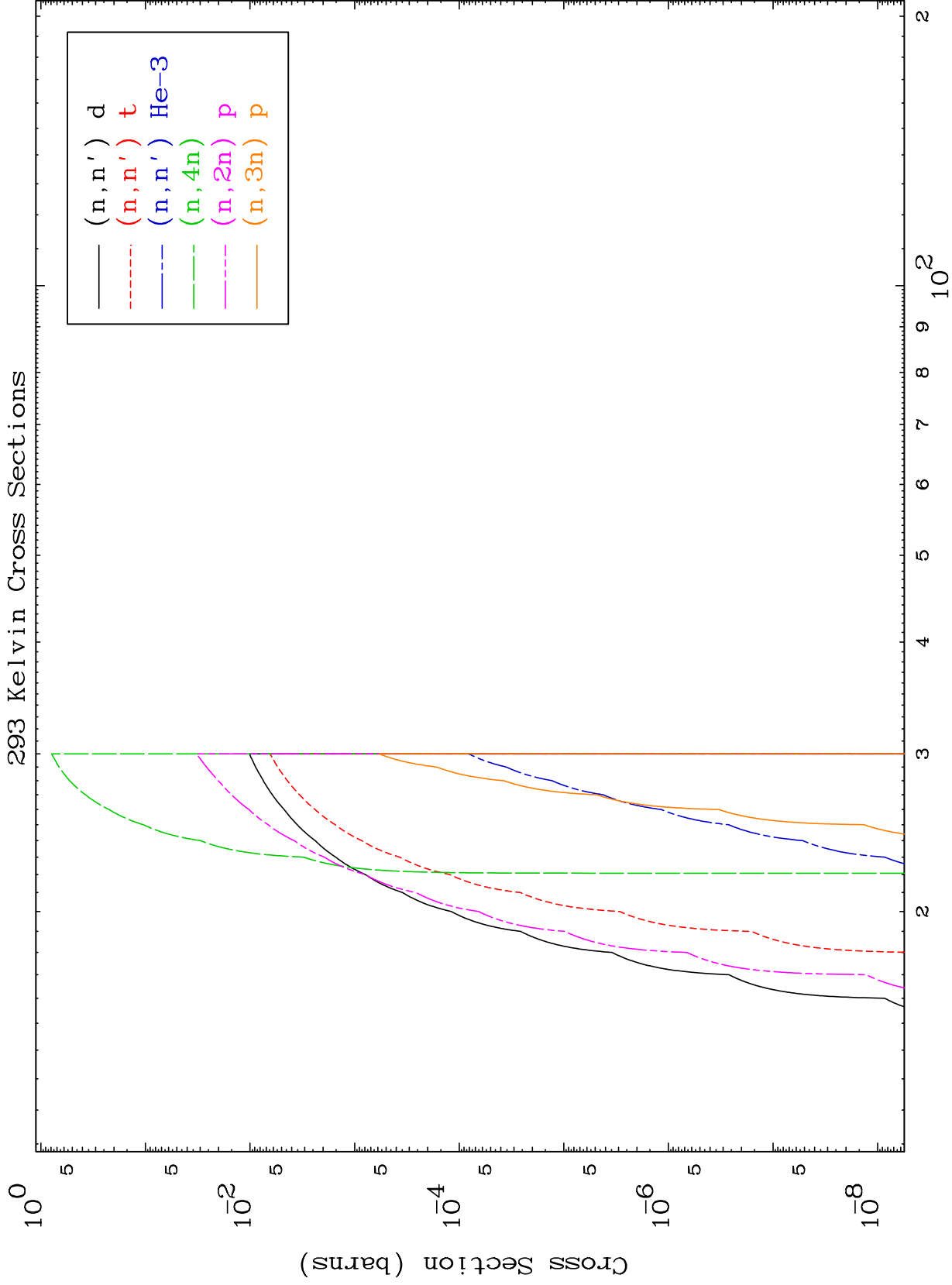


MAT 7034

Neutron Production
293 Kelvin Cross Sections

70-Yb-171

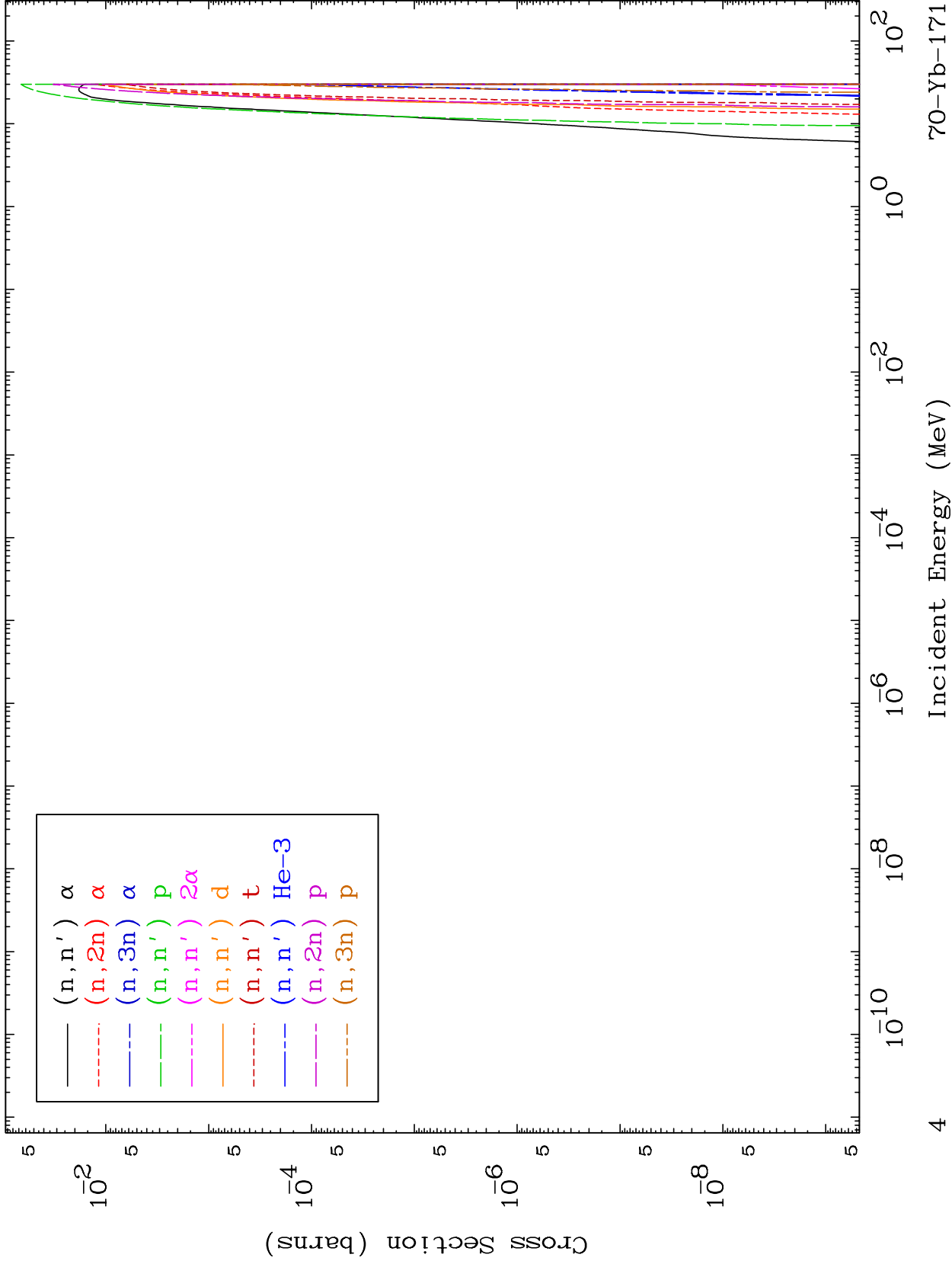




MAT 7034

Charged Particle
293 Kelvin Cross Sections

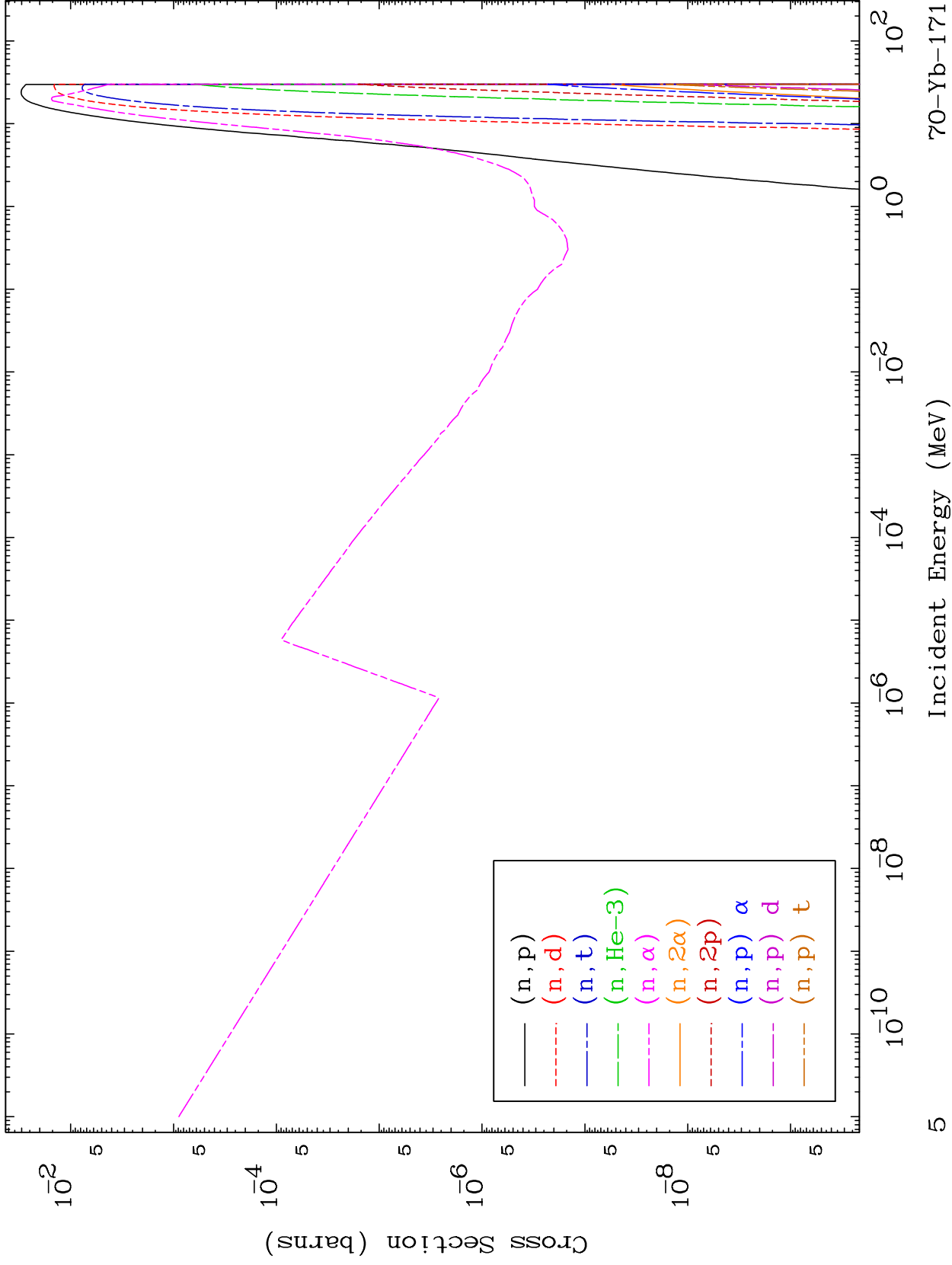
70-Yb-171

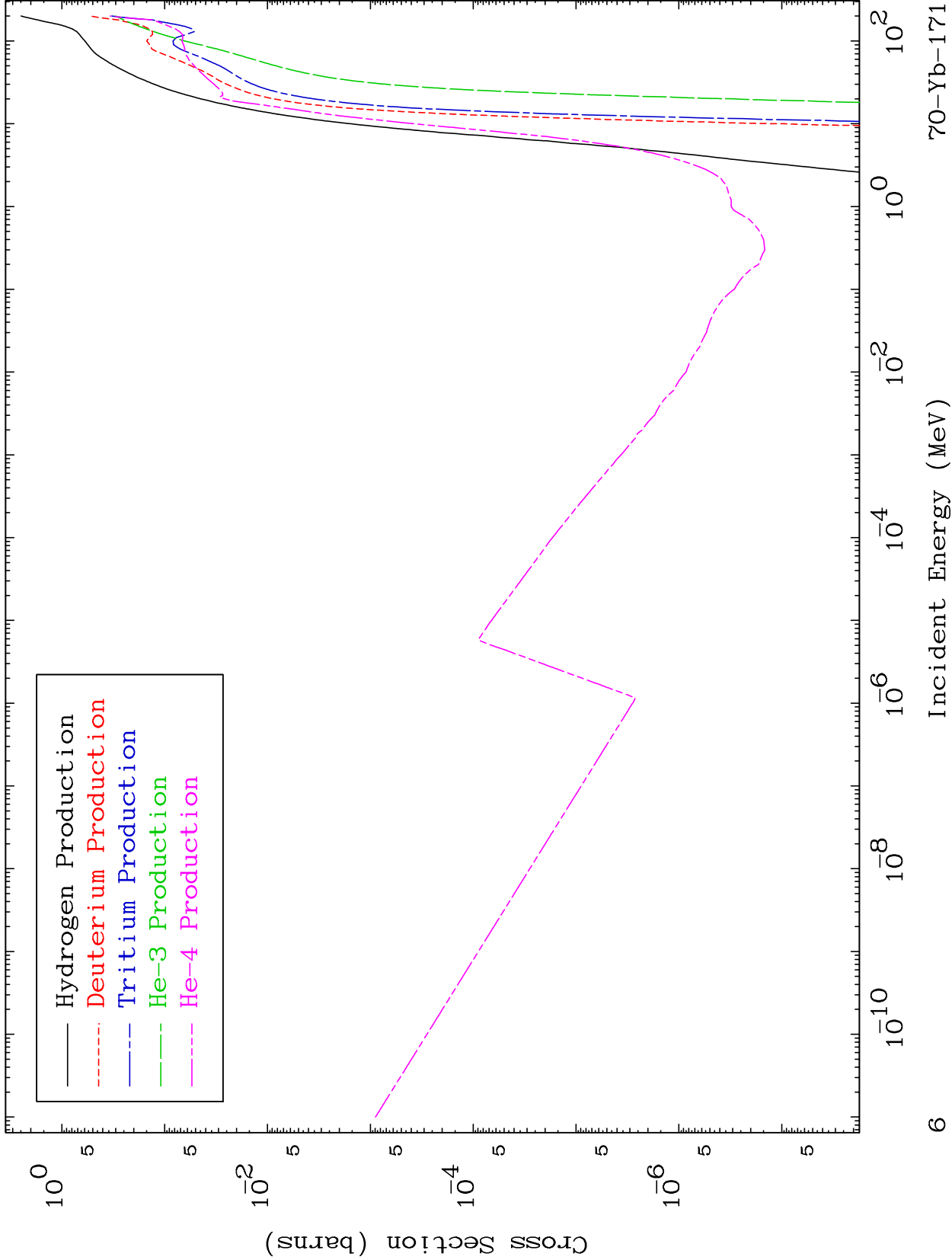


MAT 7034

Charged Particle
293 Kelvin Cross Sections

70-Yb-171



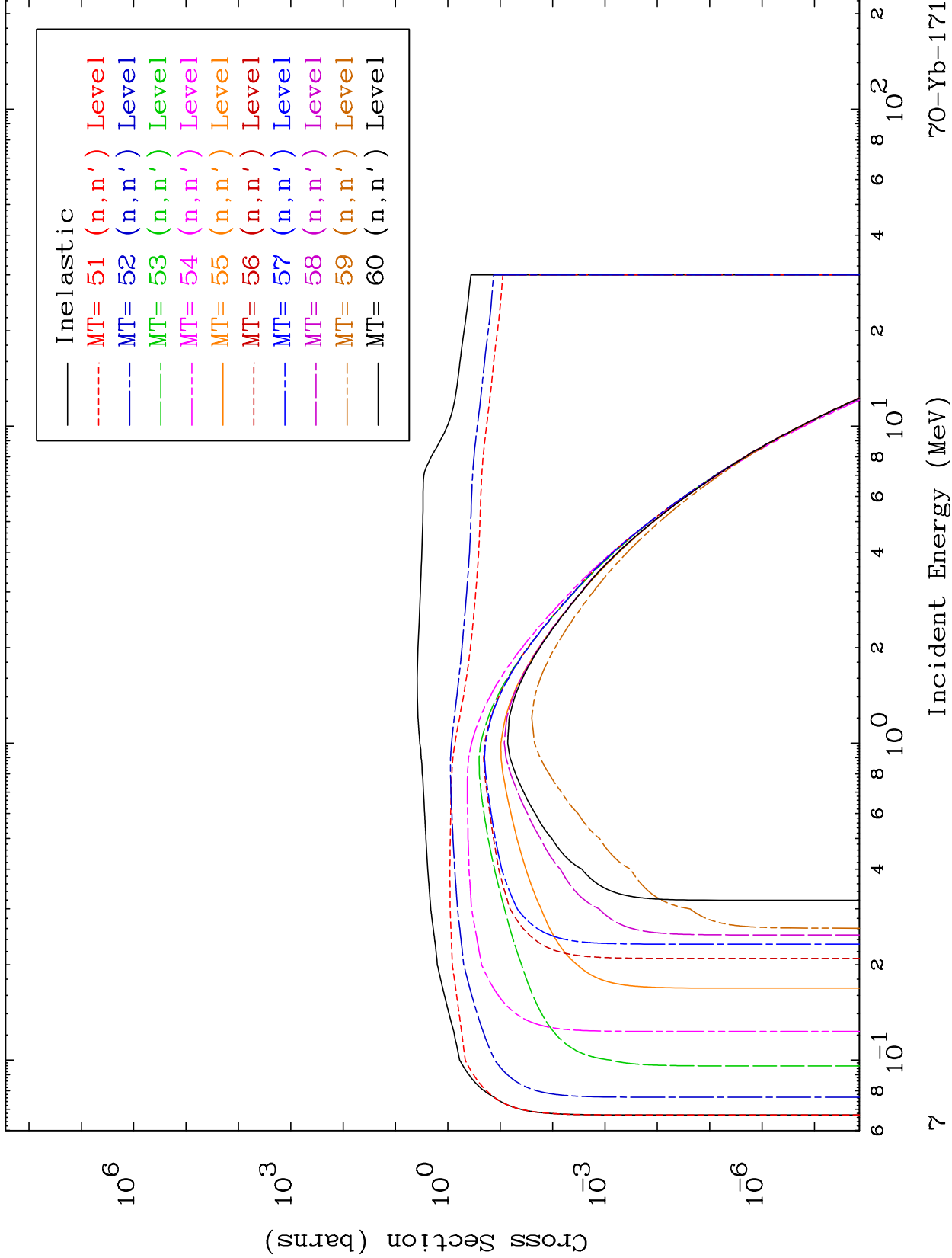


MAT 7034

(n,n') Level

70-Yb-171

293 Kelvin Cross Sections

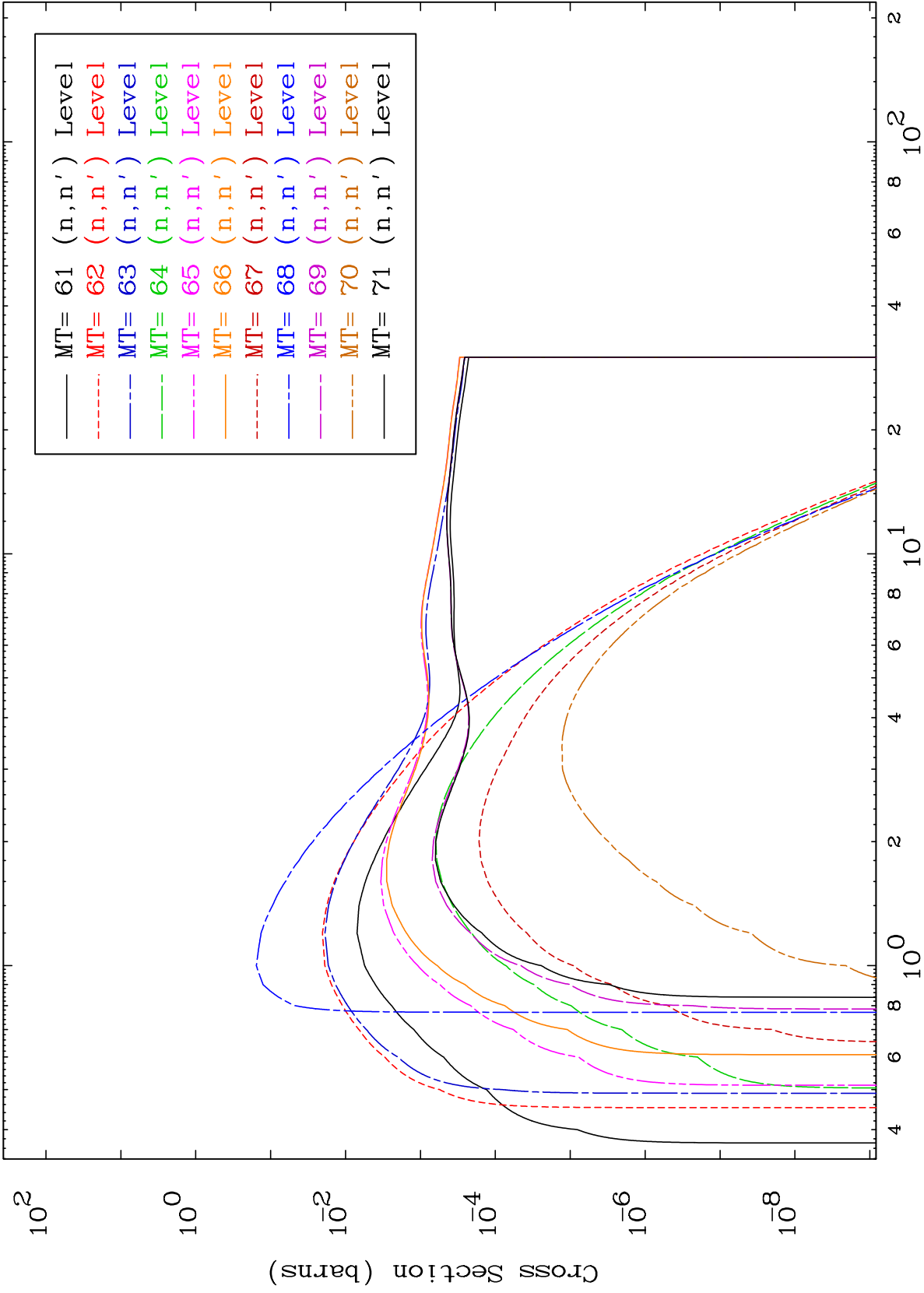


MAT 7034

(n,n') Level

70-Yb-171

293 Kelvin Cross Sections



8

Incident Energy (MeV)

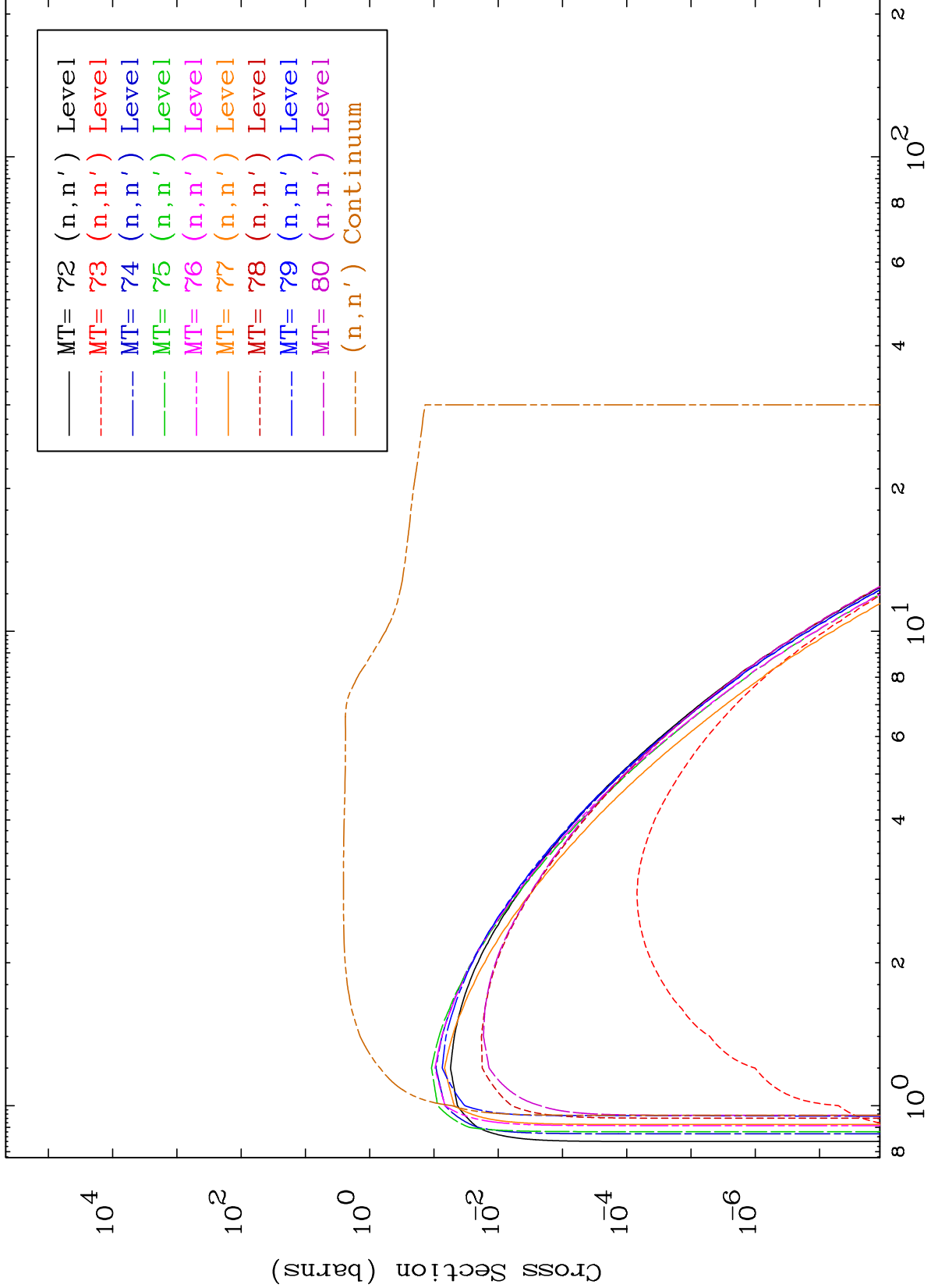
70-Yb-171

MAT 7034

(n,n') Level

70-Yb-171

293 Kelvin Cross Sections



Incident Energy (MeV)

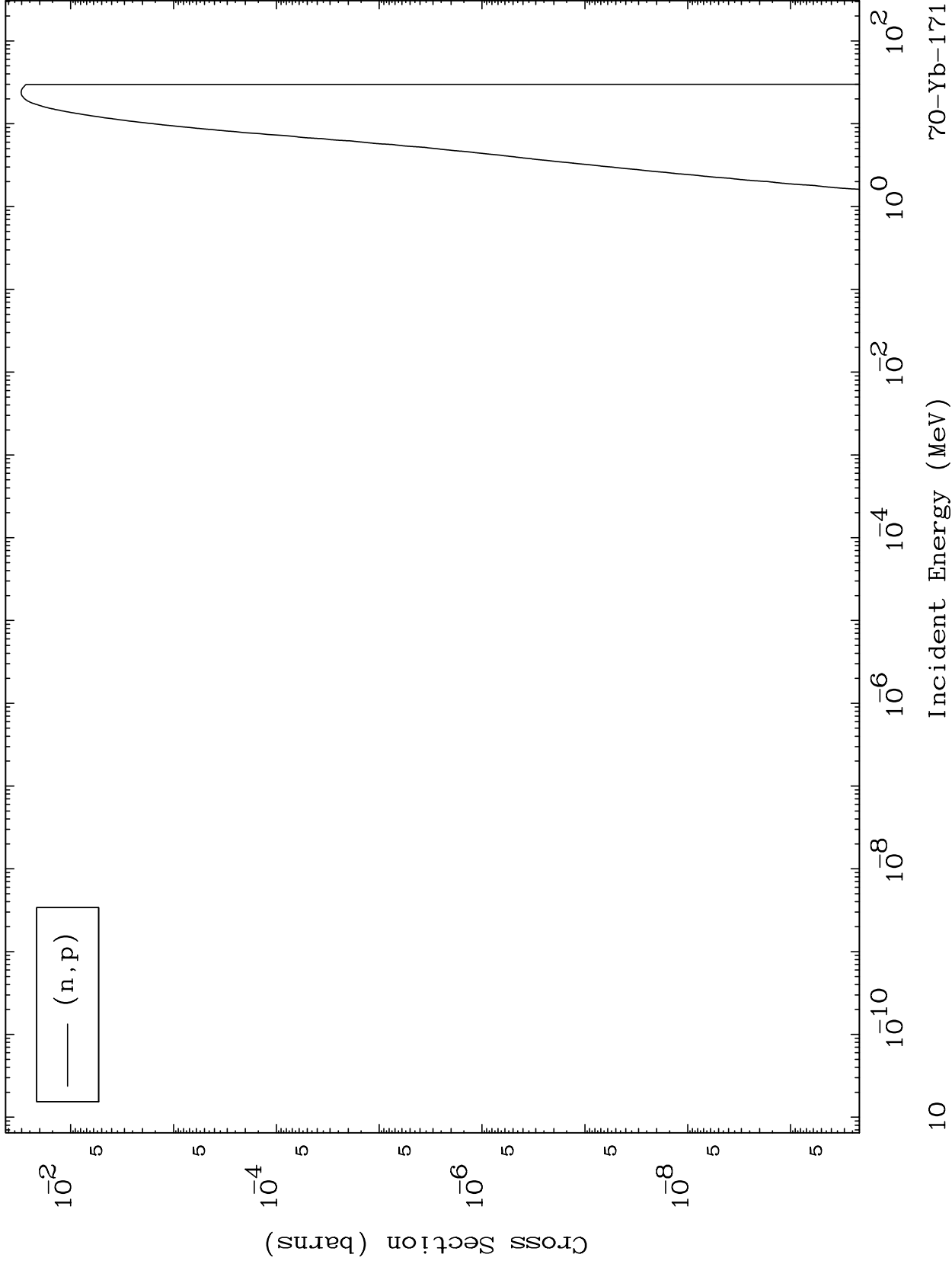
70-Yb-171

9

MAT 7034

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-171



10

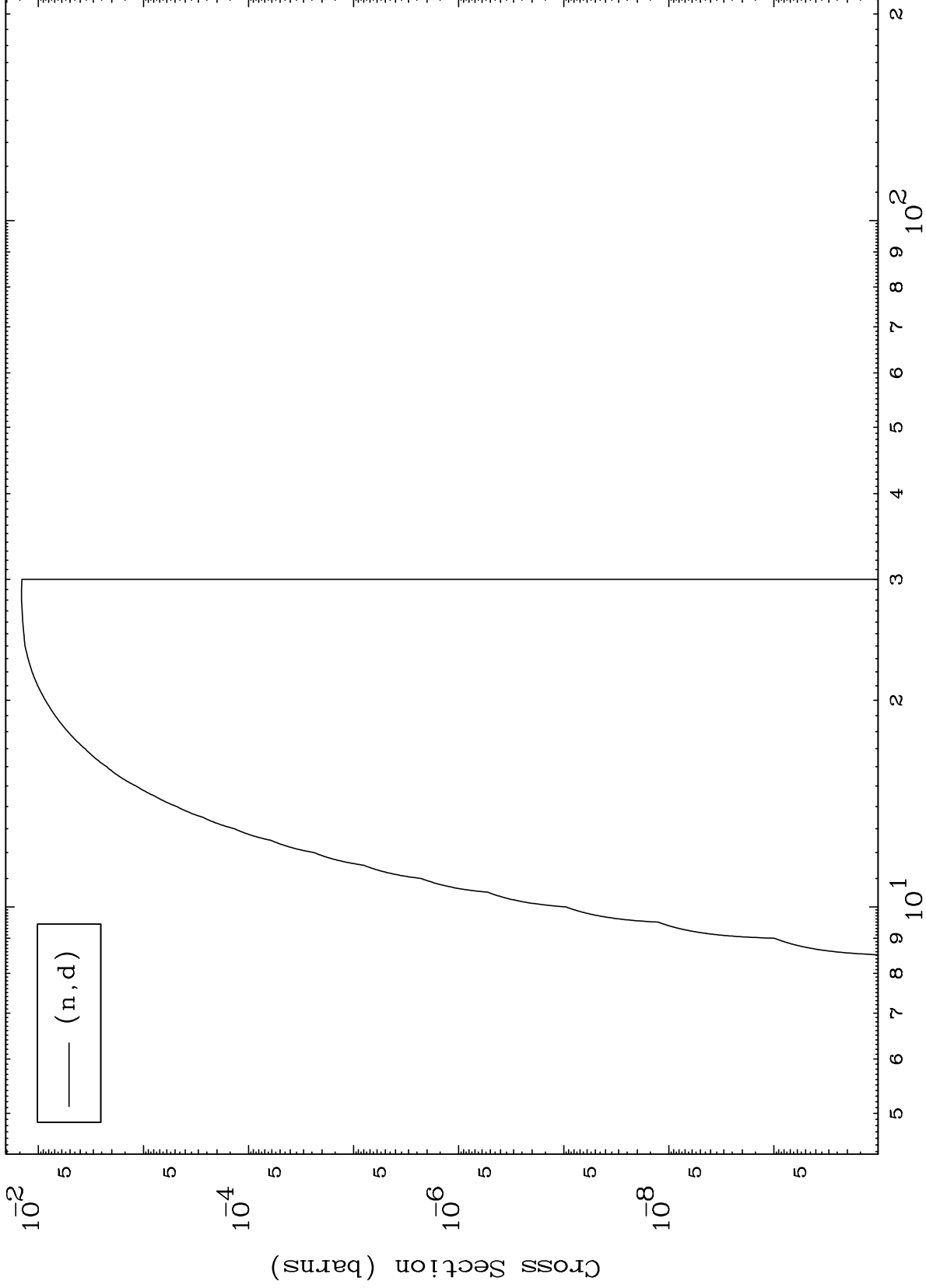
Incident Energy (MeV)

70-Yb-171

MAT 7034

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-171



11

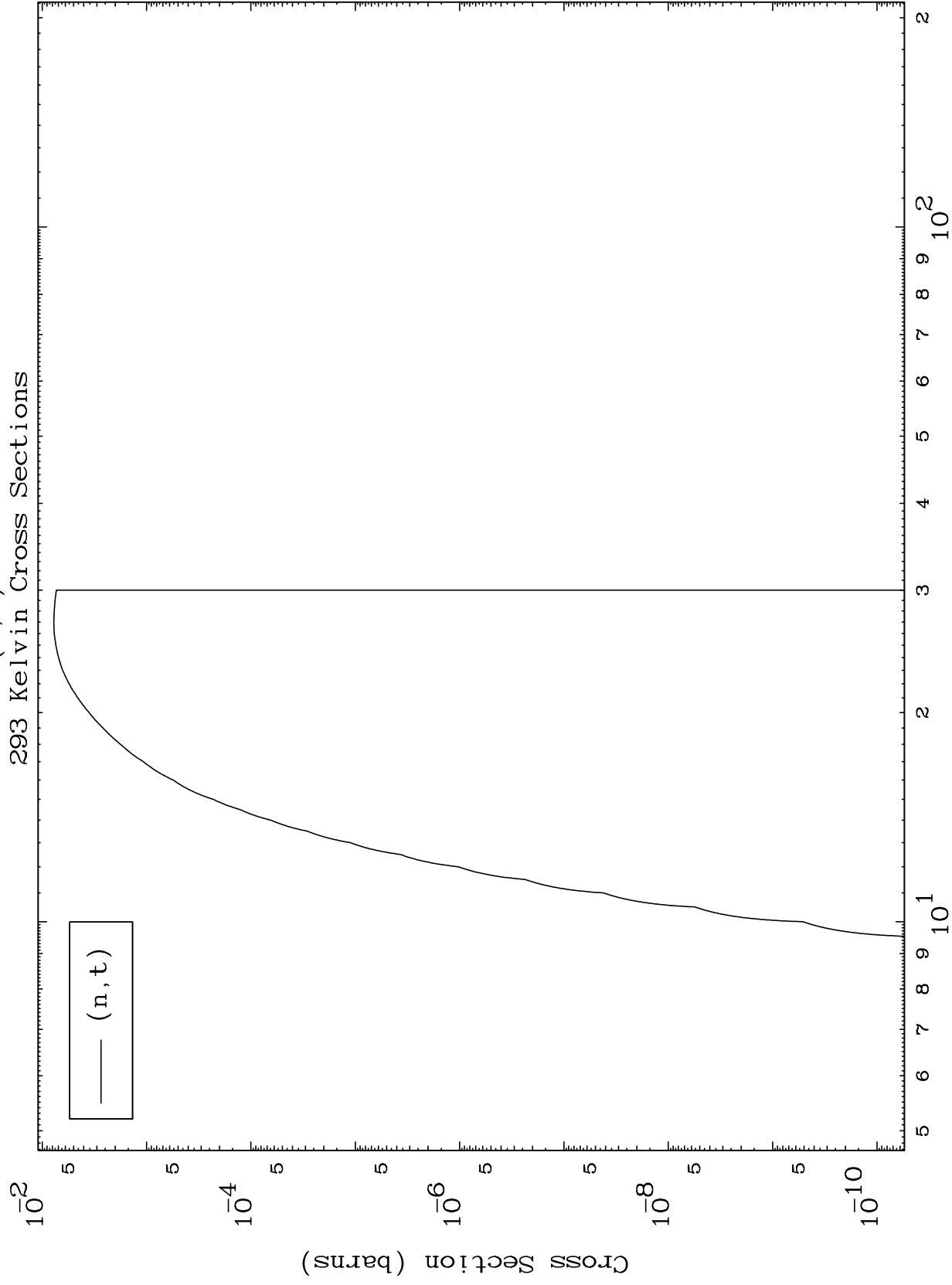
Incident Energy (MeV)

70-Yb-171

MAT 7034

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-171



12

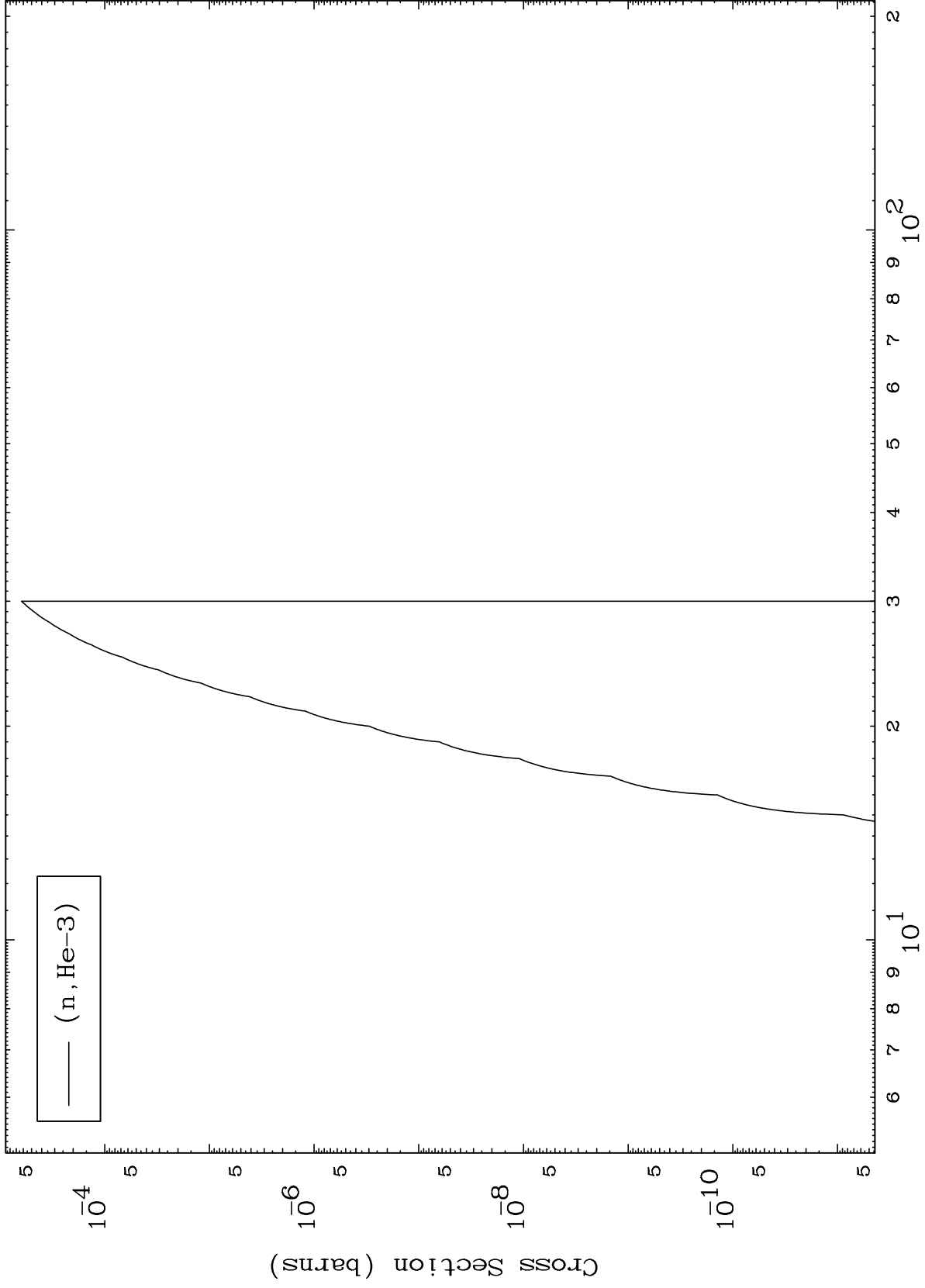
Incident Energy (MeV)

70-Yb-171

MAT 7034

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-171



13

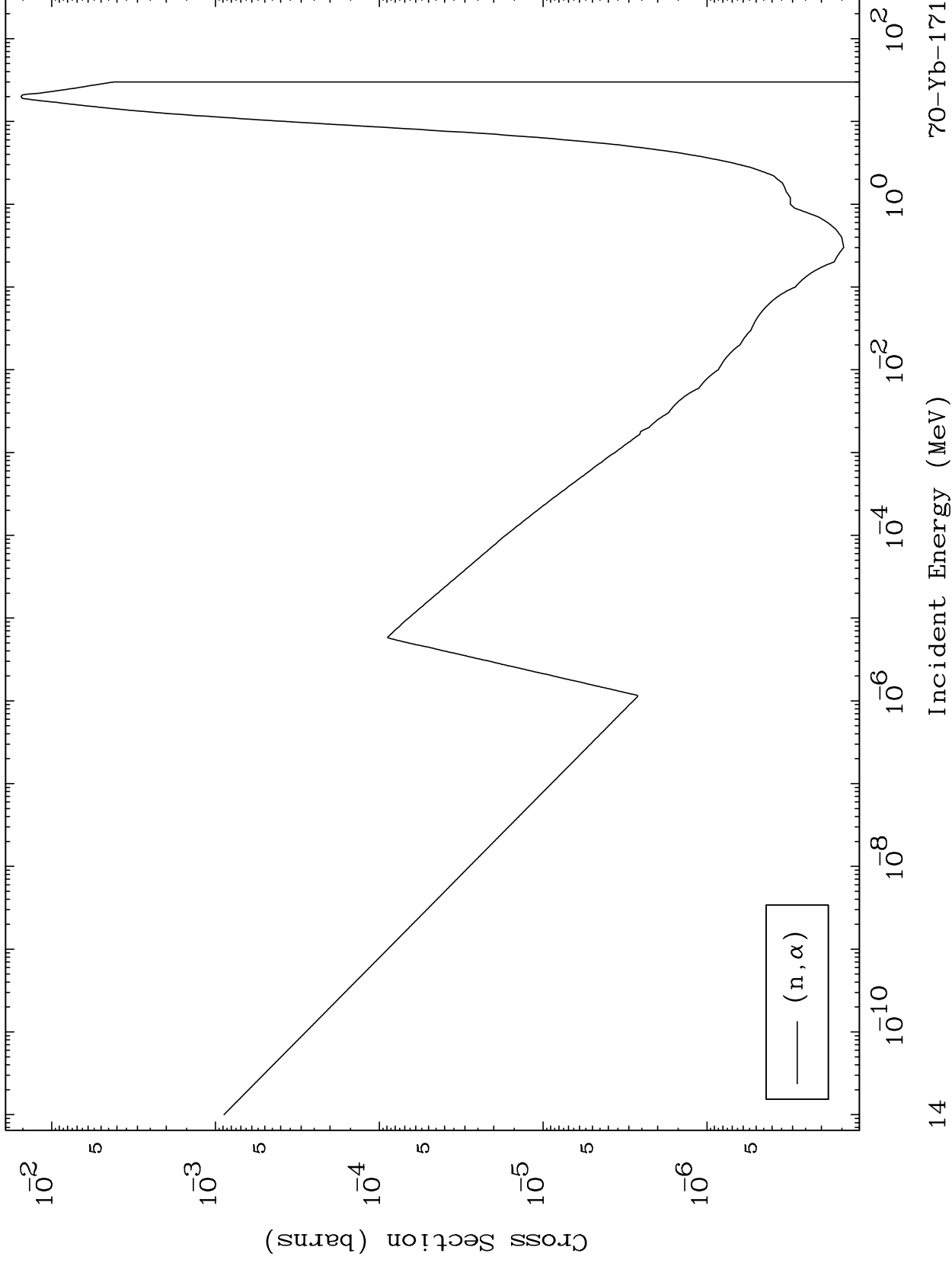
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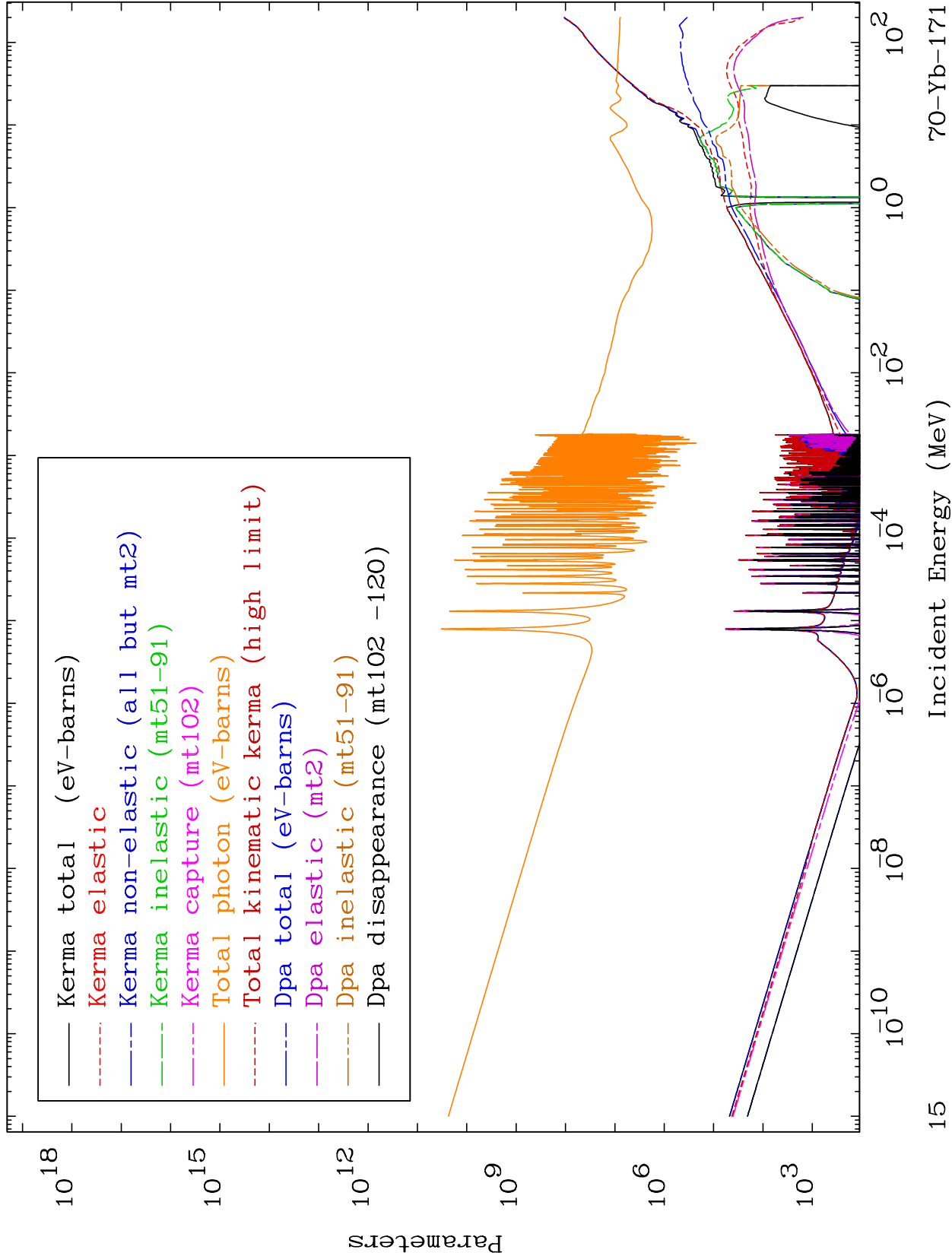
70-Yb-171

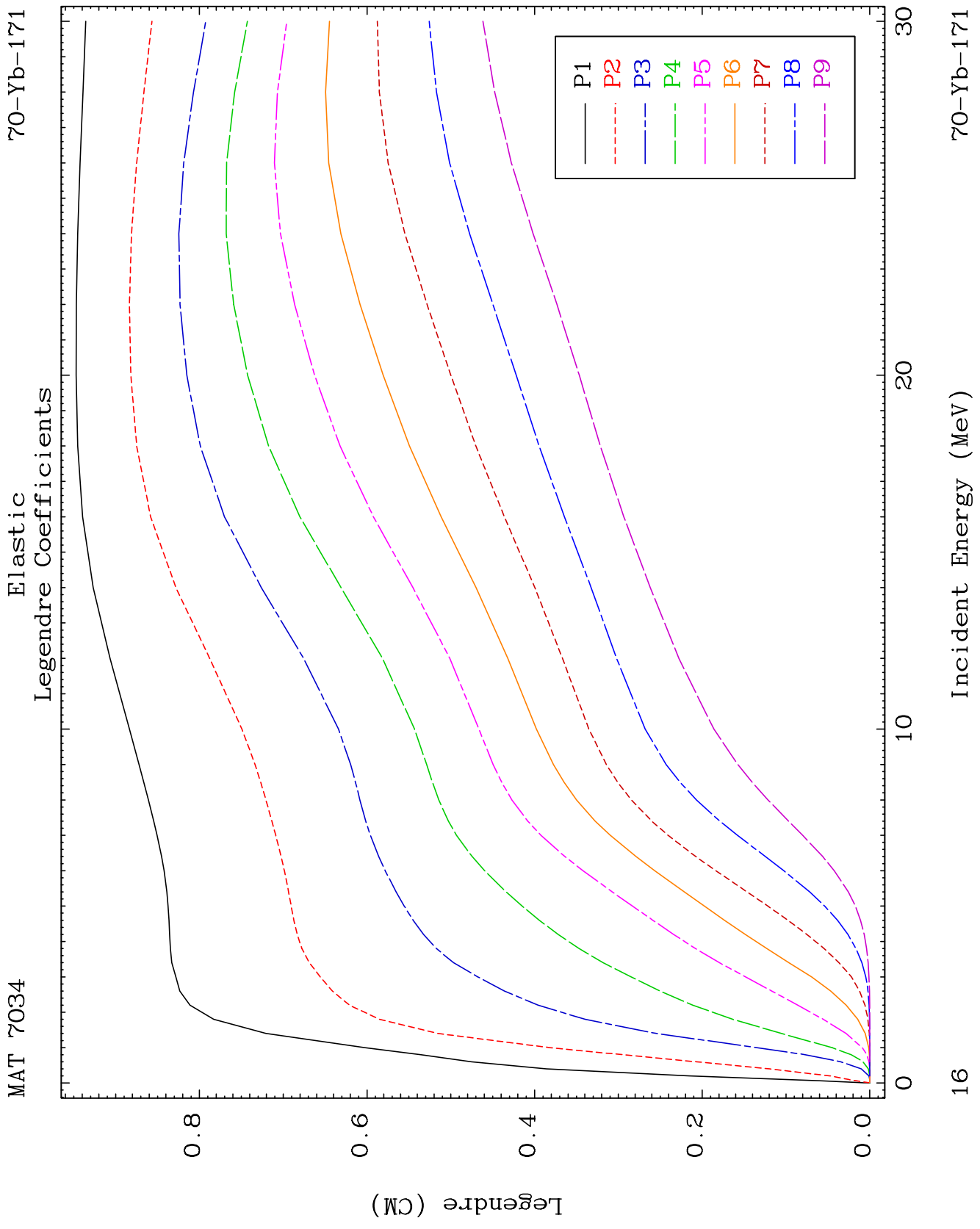
MAT 7034

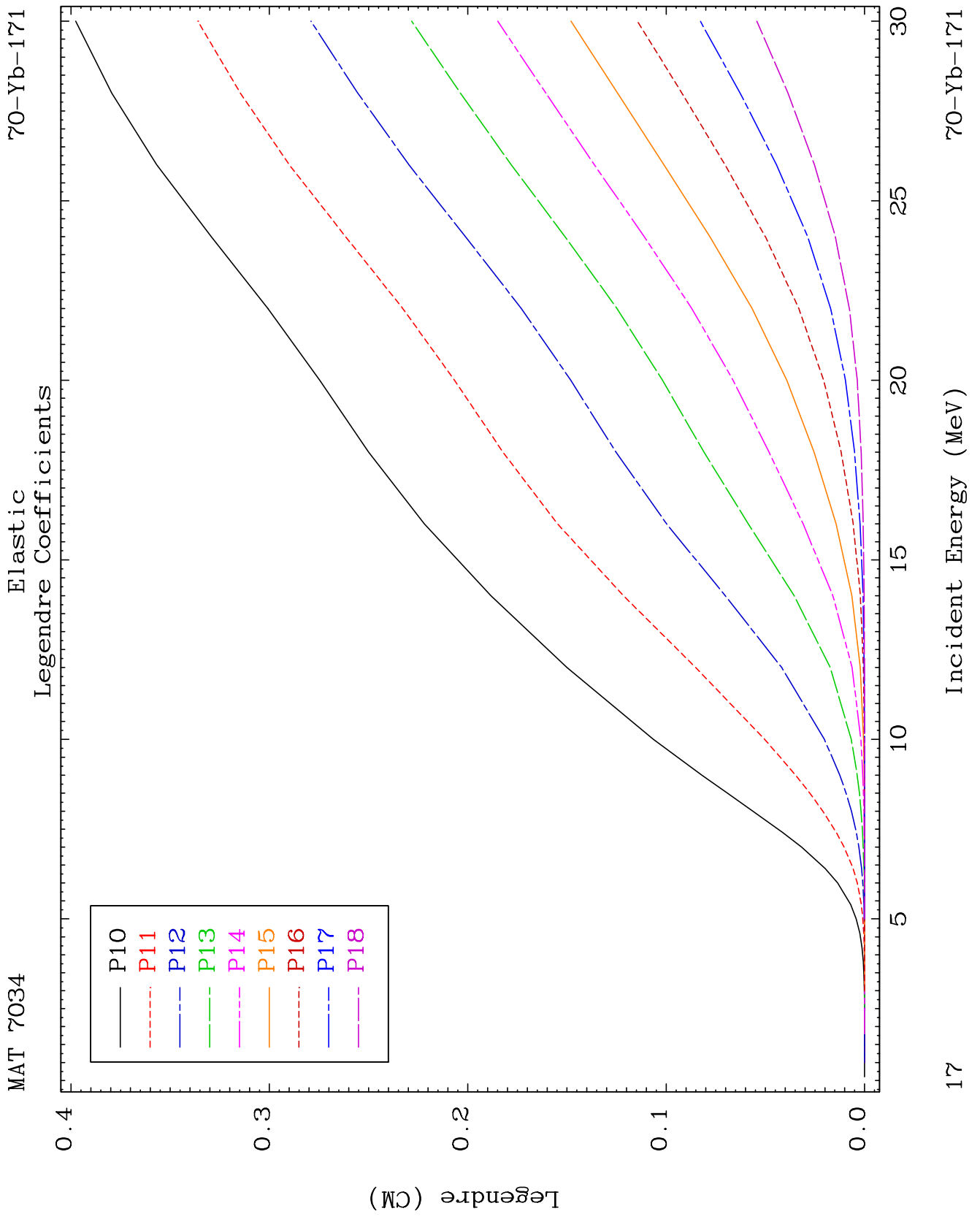
(n, α) Levels
293 Kelvin Cross Sections

70-Yb-171





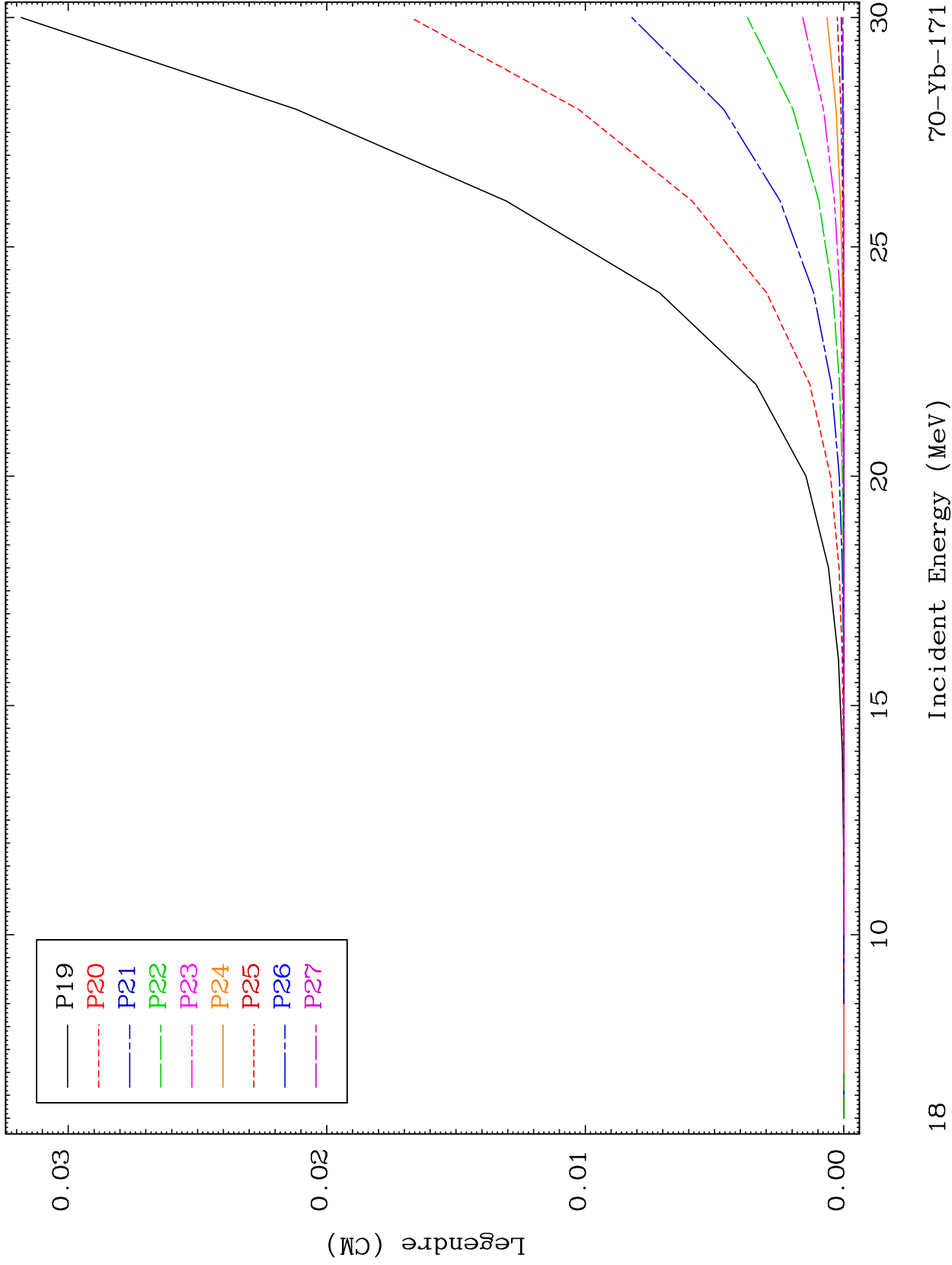




MAT 7034

Elastic
Legendre Coefficients

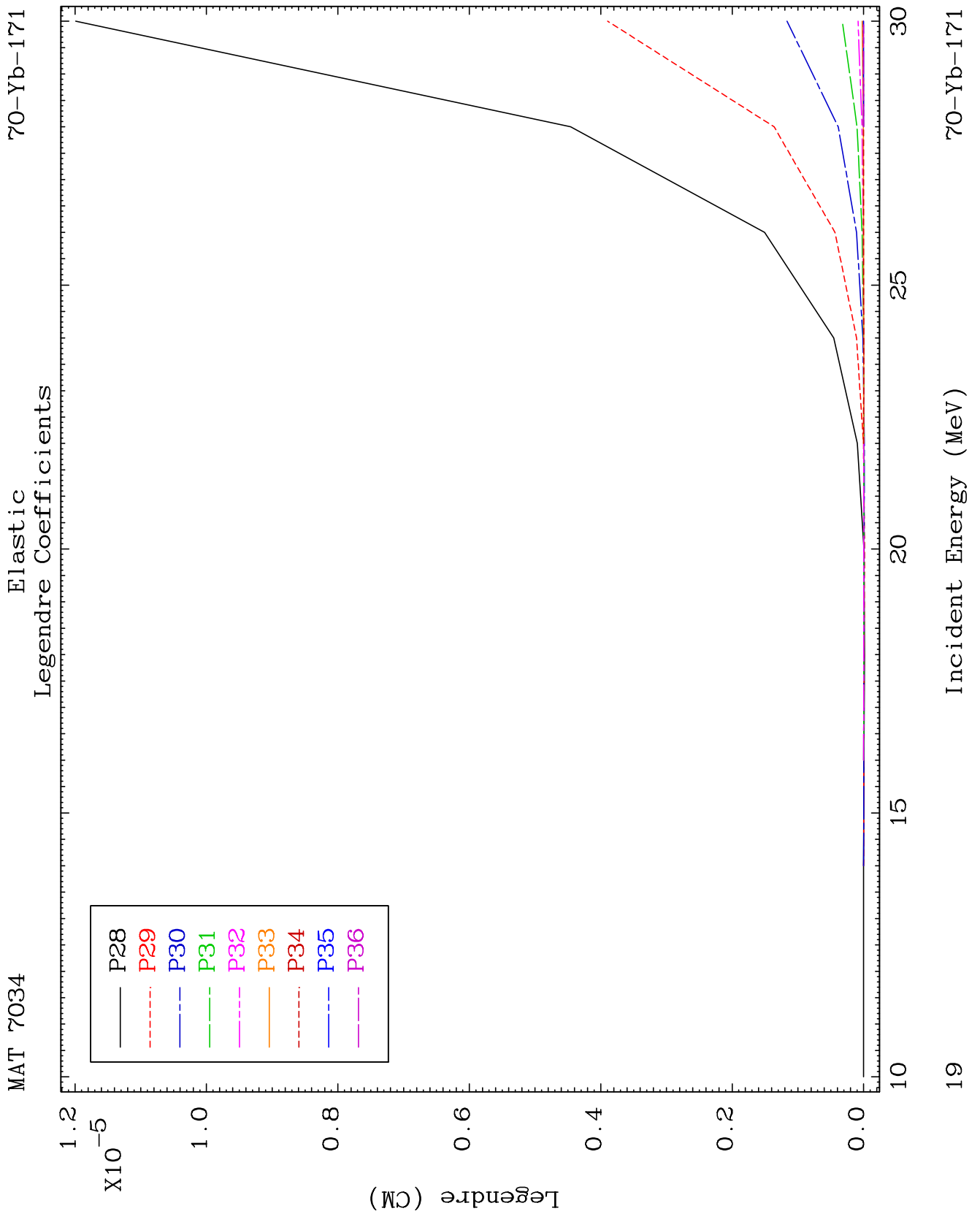
70-Yb-171

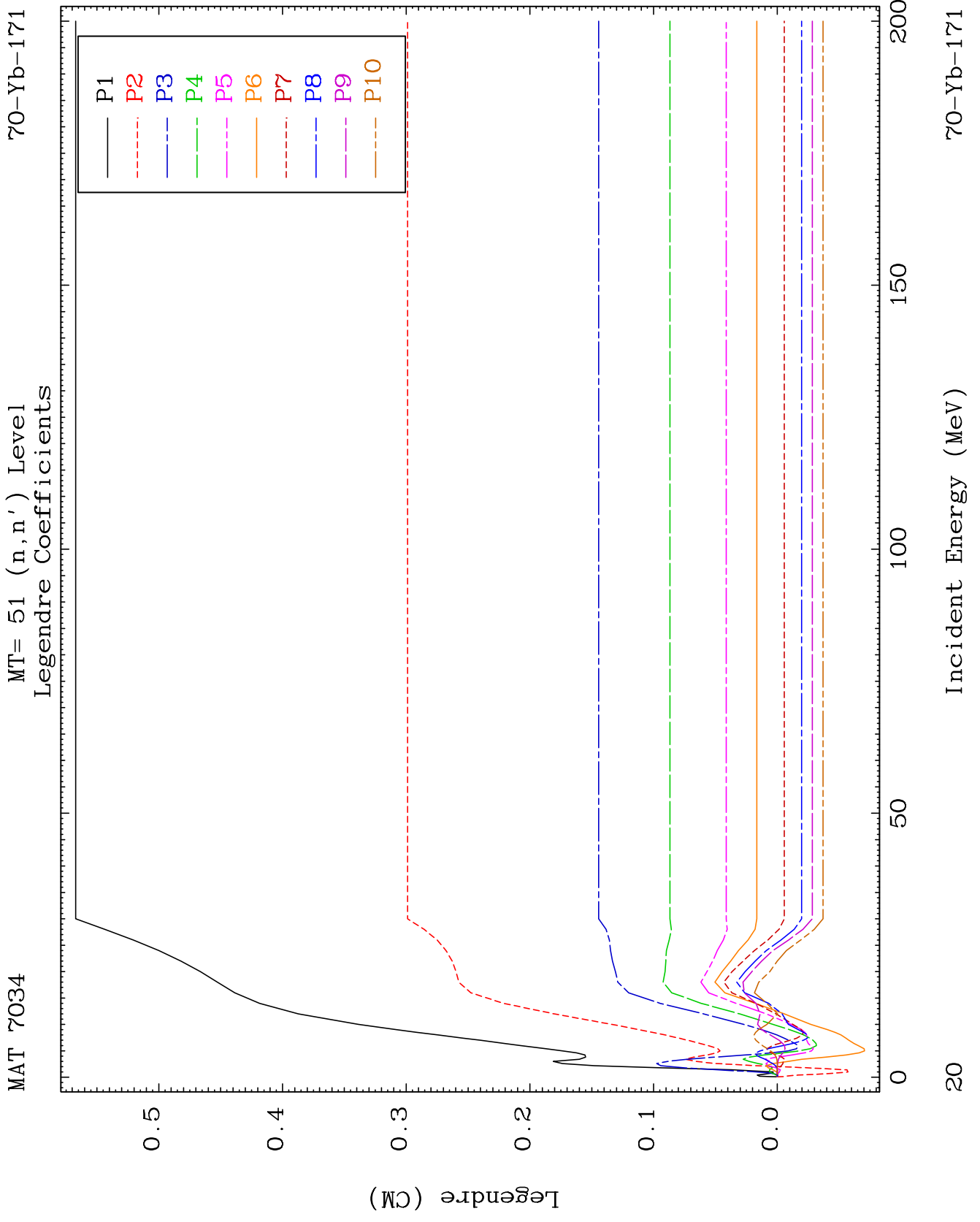


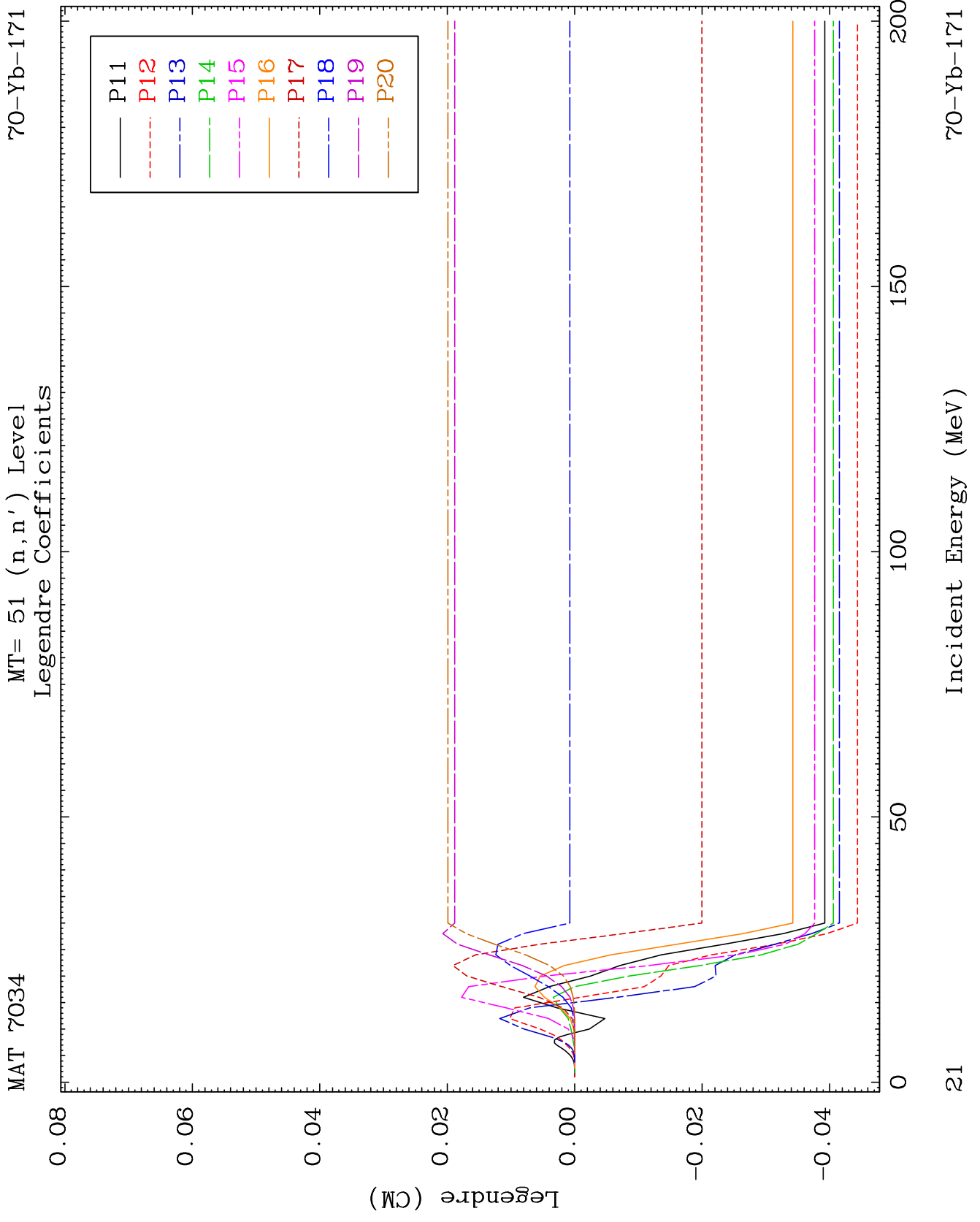
18

Incident Energy (MeV)

70-Yb-171



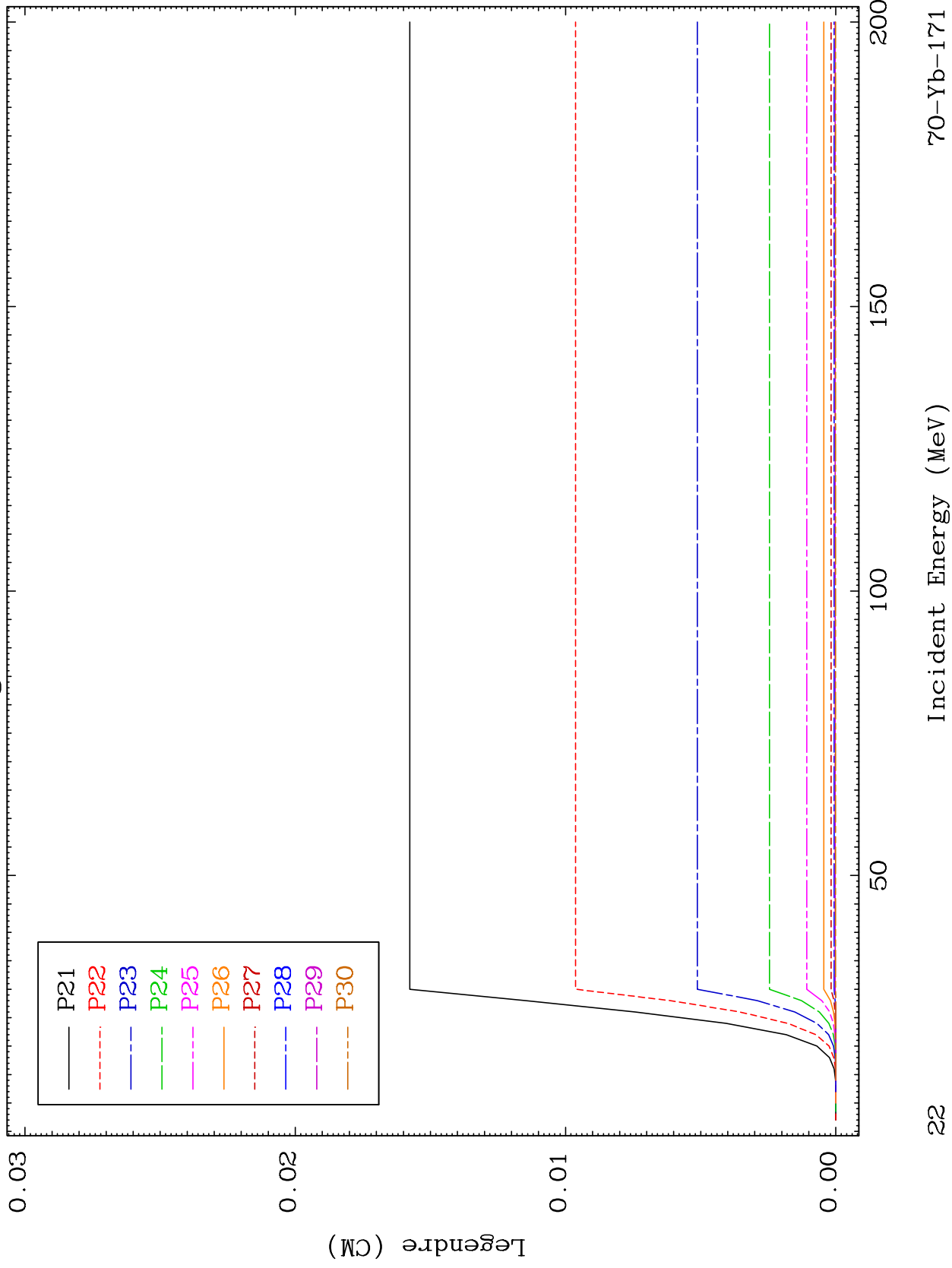




MAT 7034

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

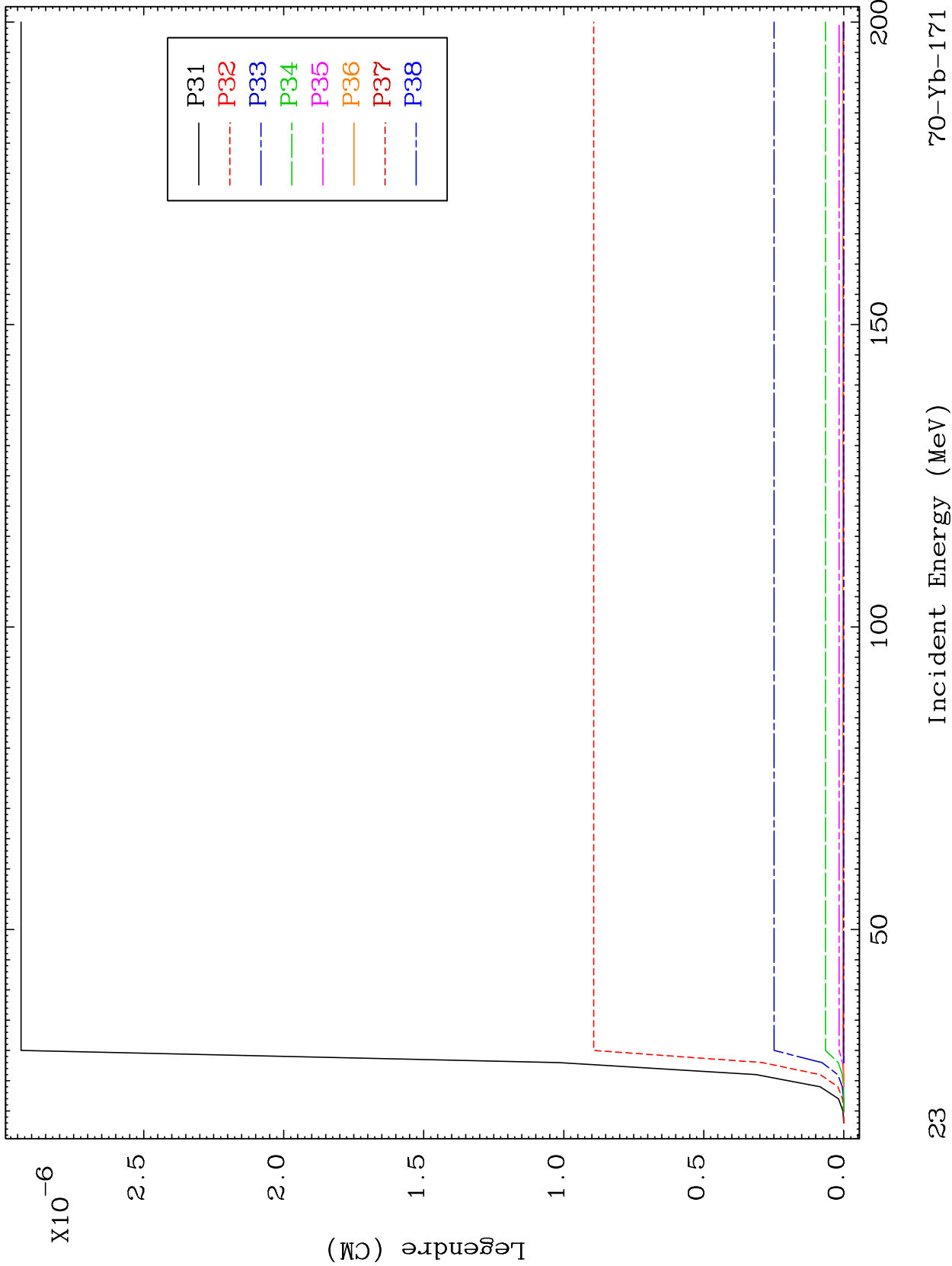
70-Yb-171



22

Incident Energy (MeV)

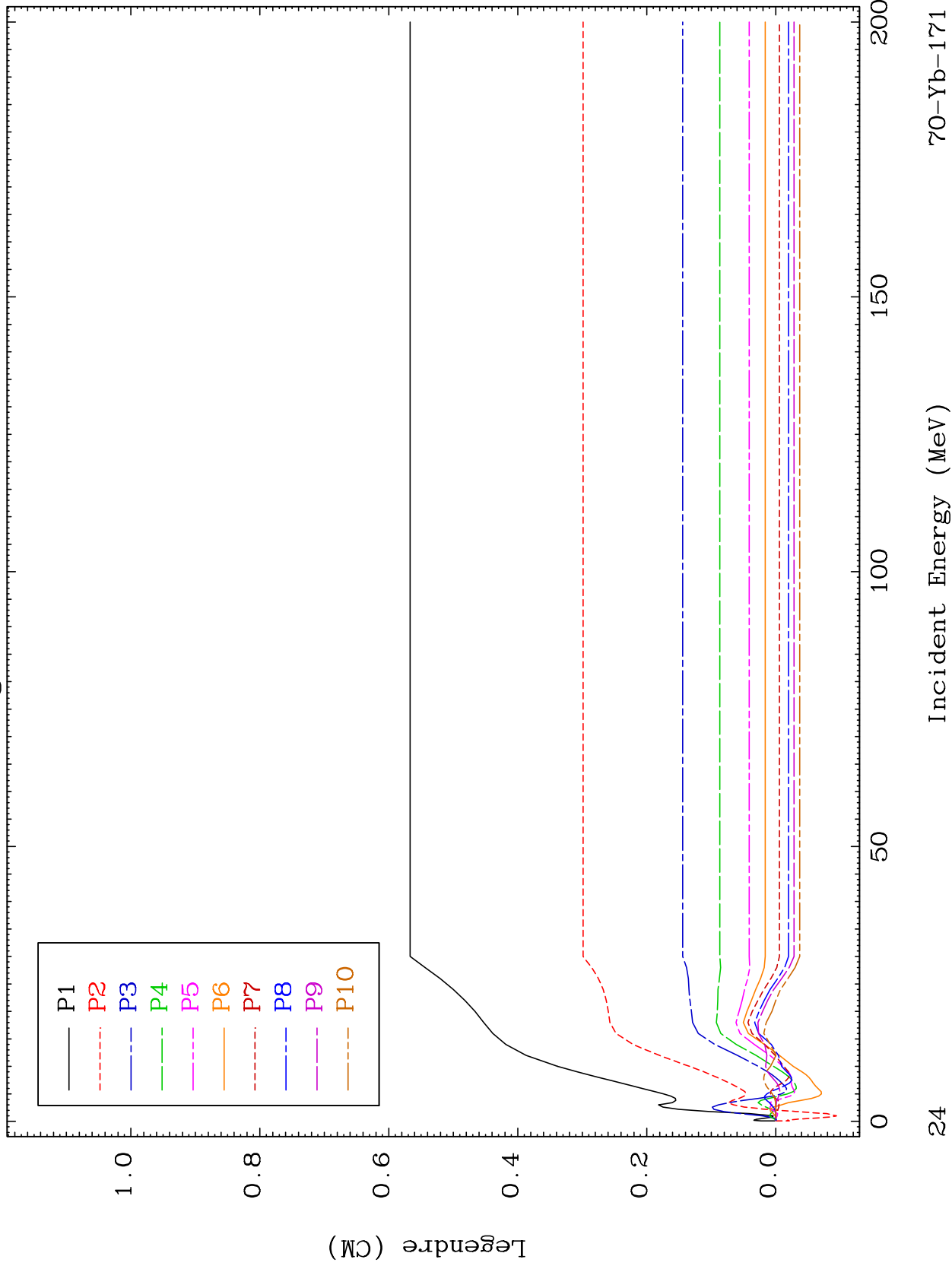
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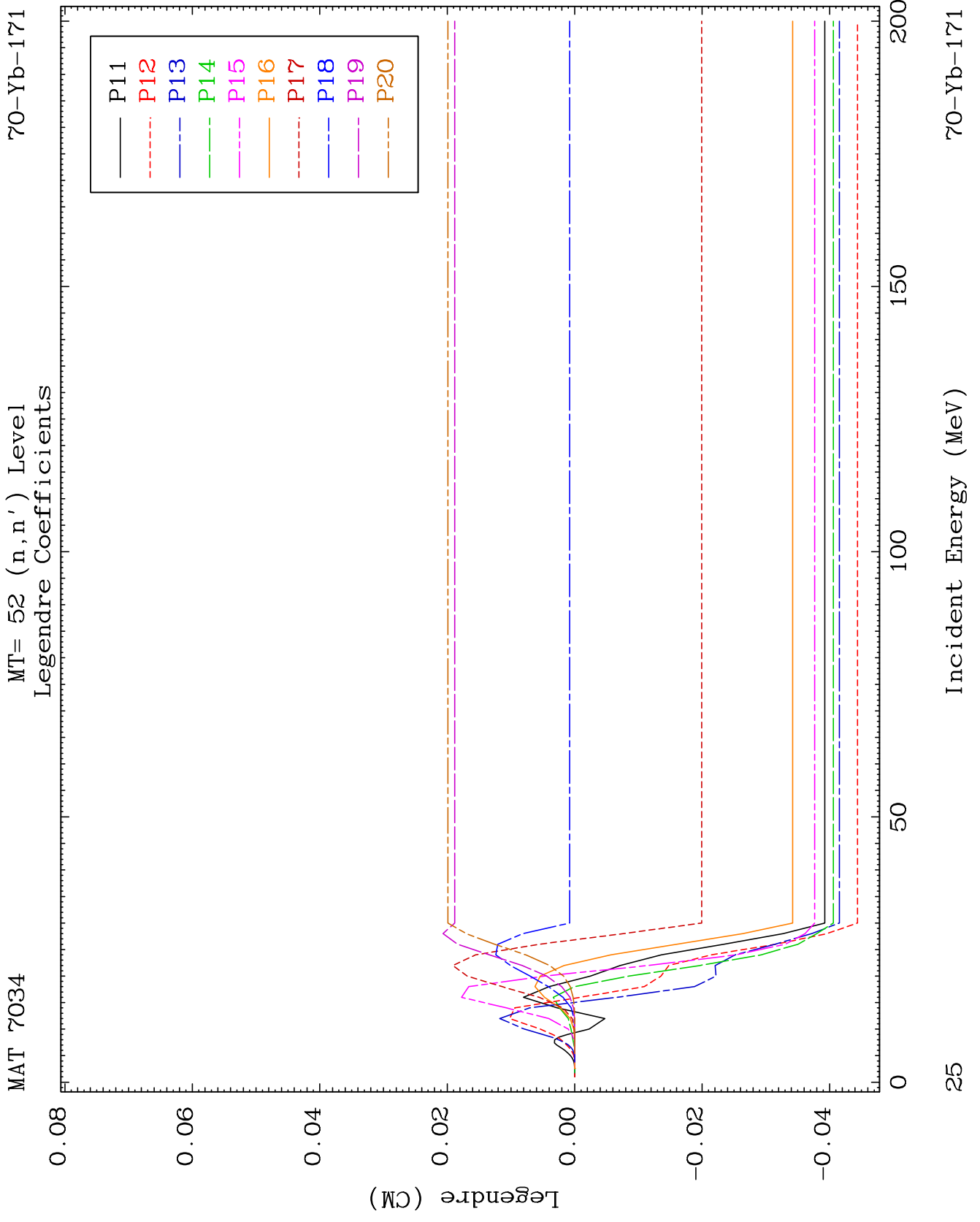


MAT 7034

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

70-Yb-171

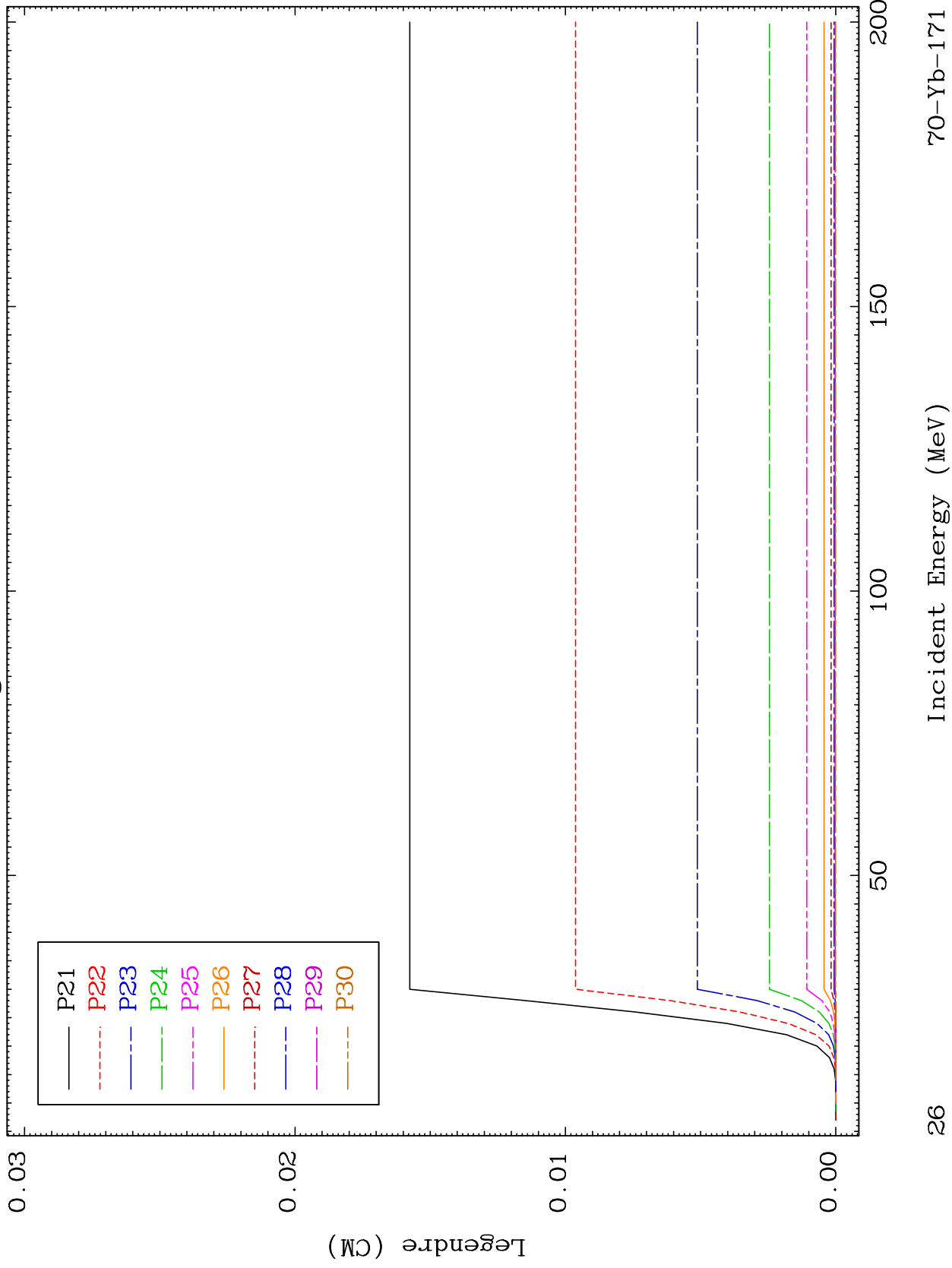




MAT 7034

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

70-Yb-171

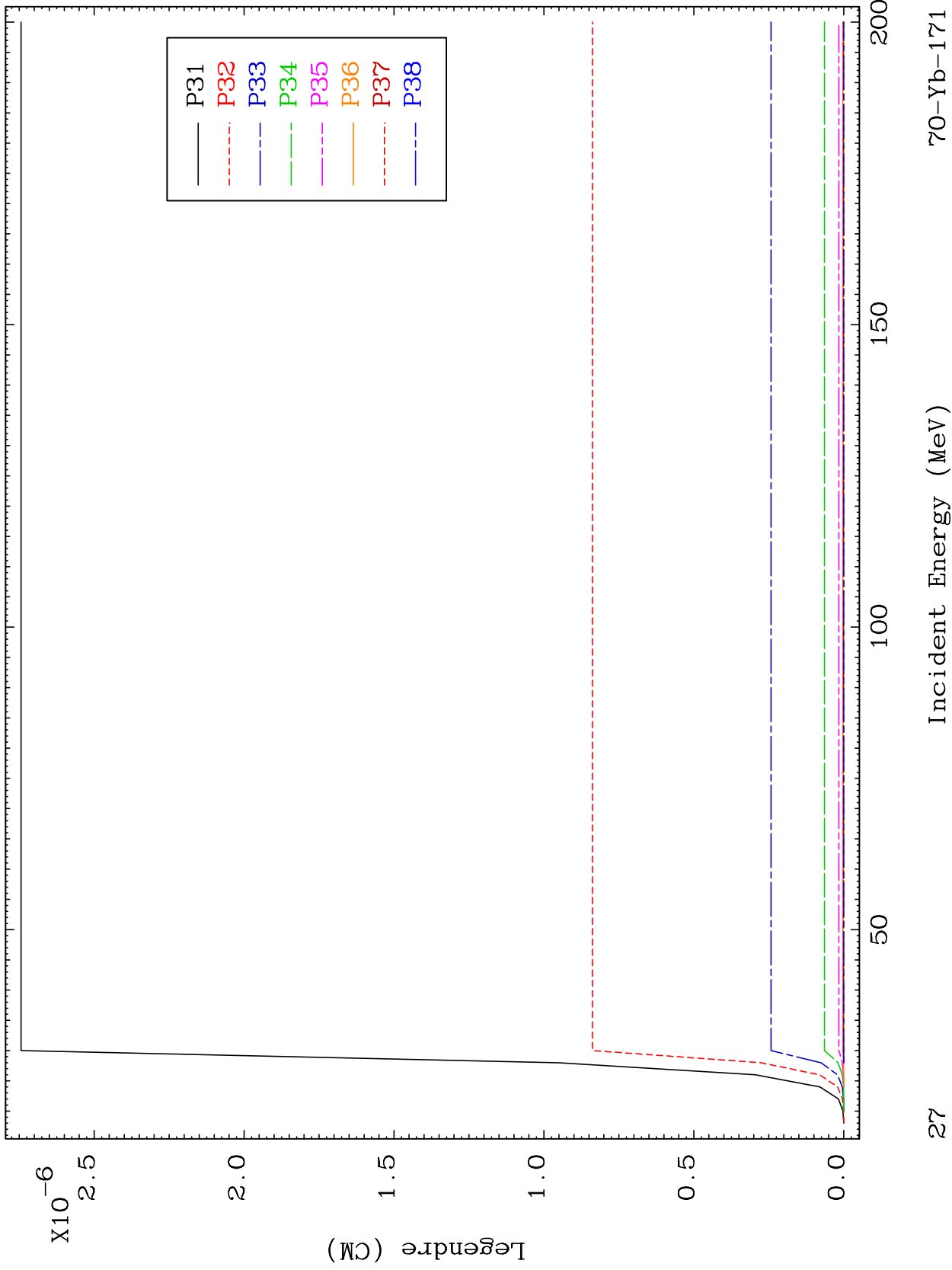


26

MAT 7034

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

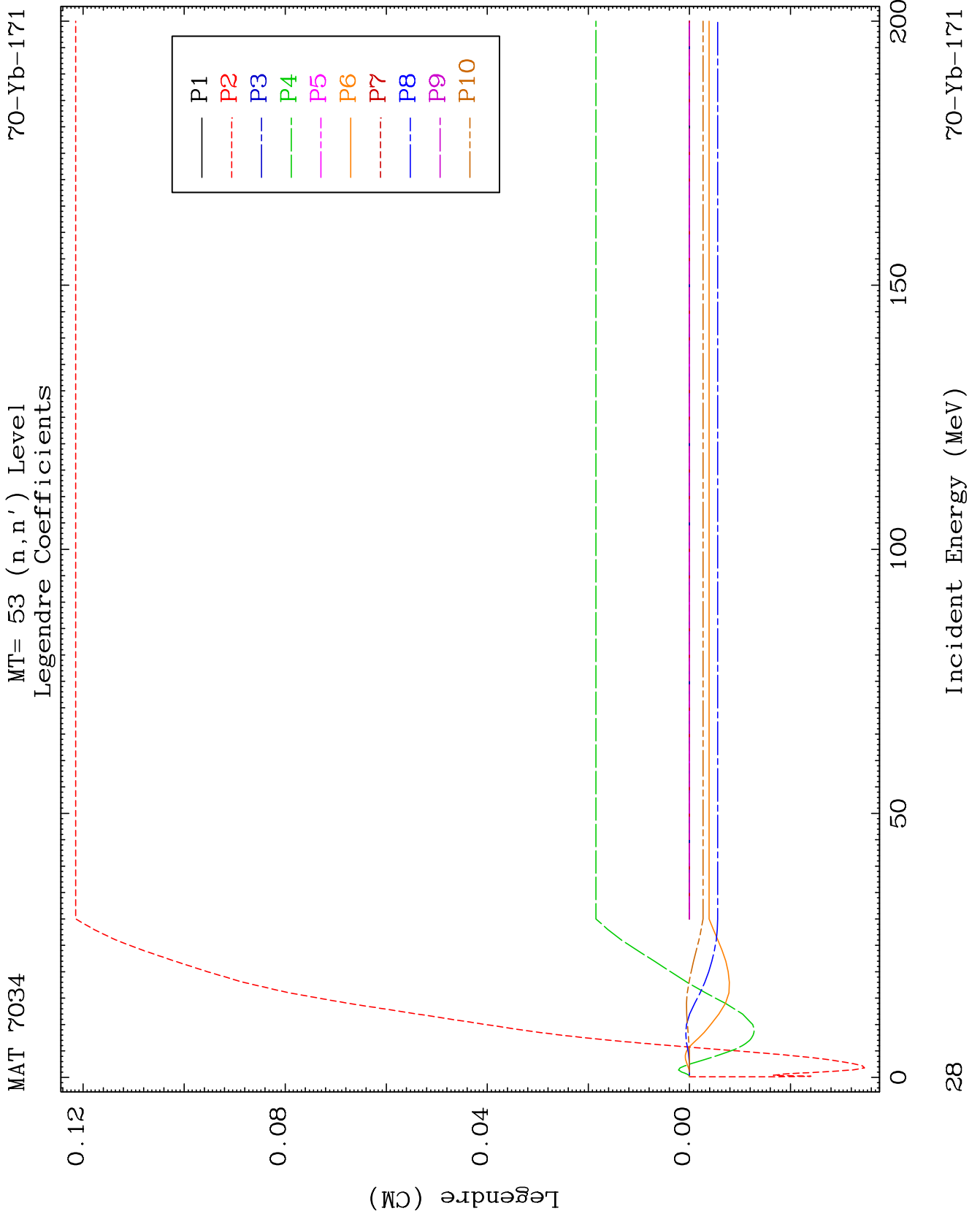
70-Yb-171



27

Incident Energy (MeV)

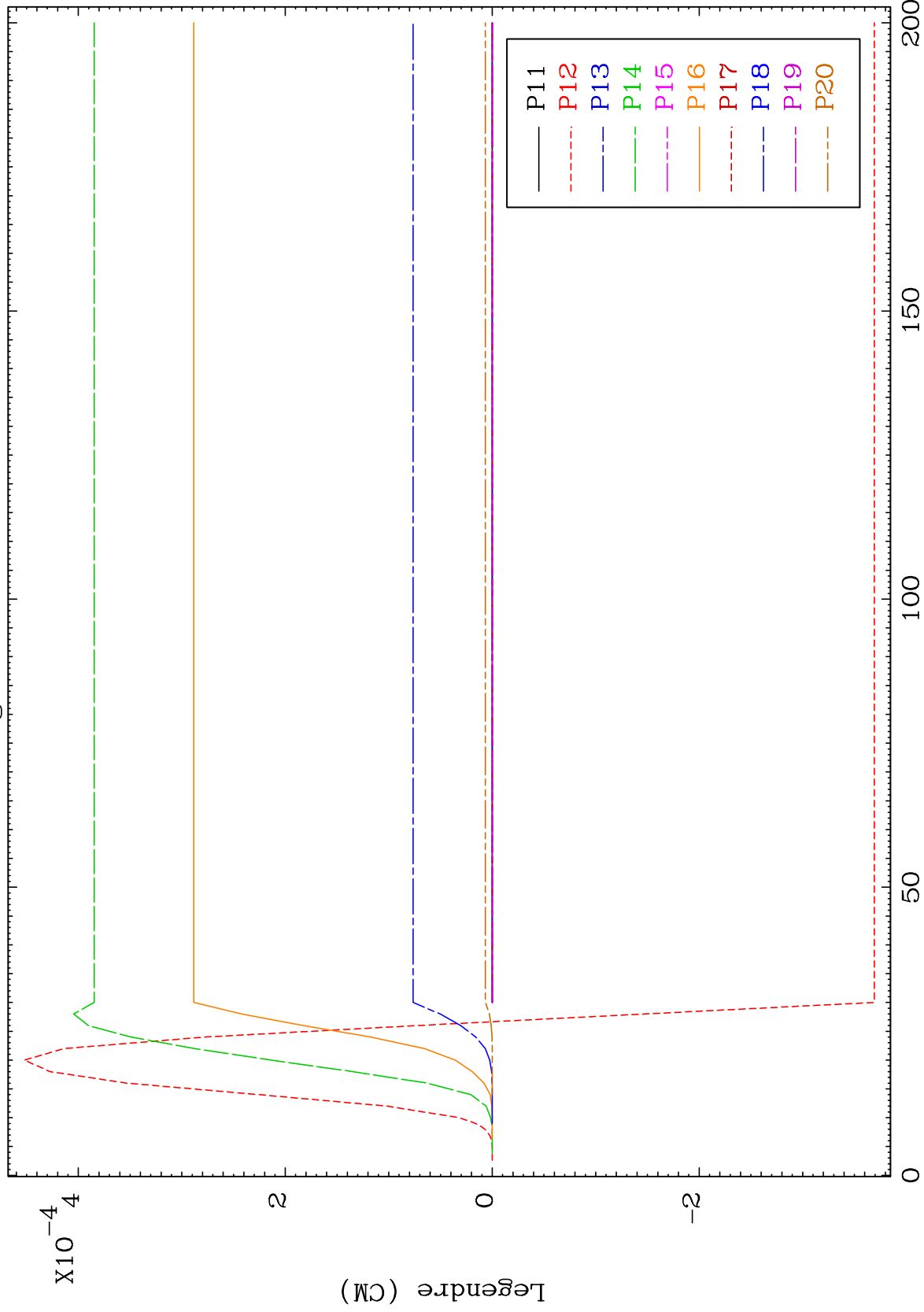
70-Yb-171



MAT 7034

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

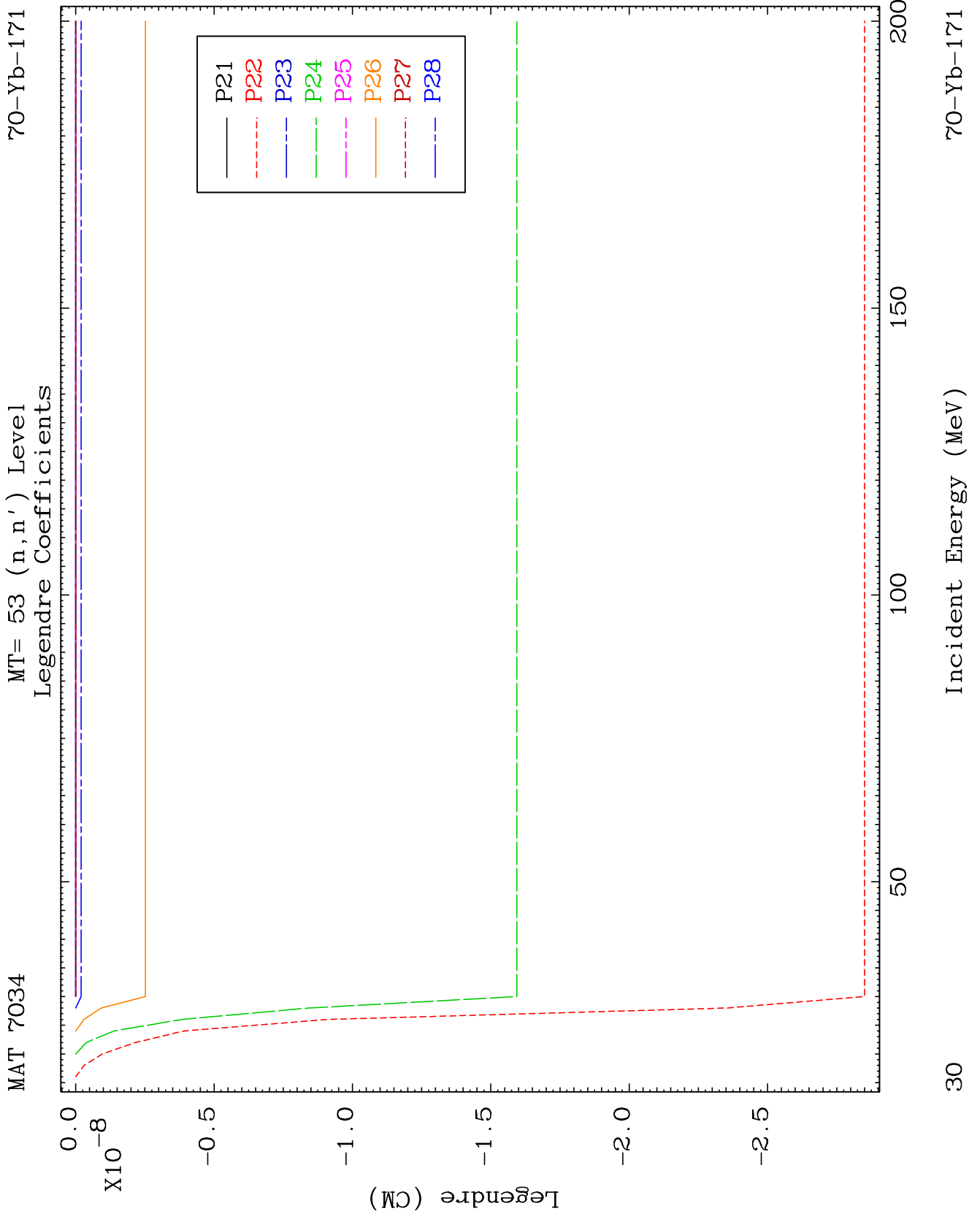
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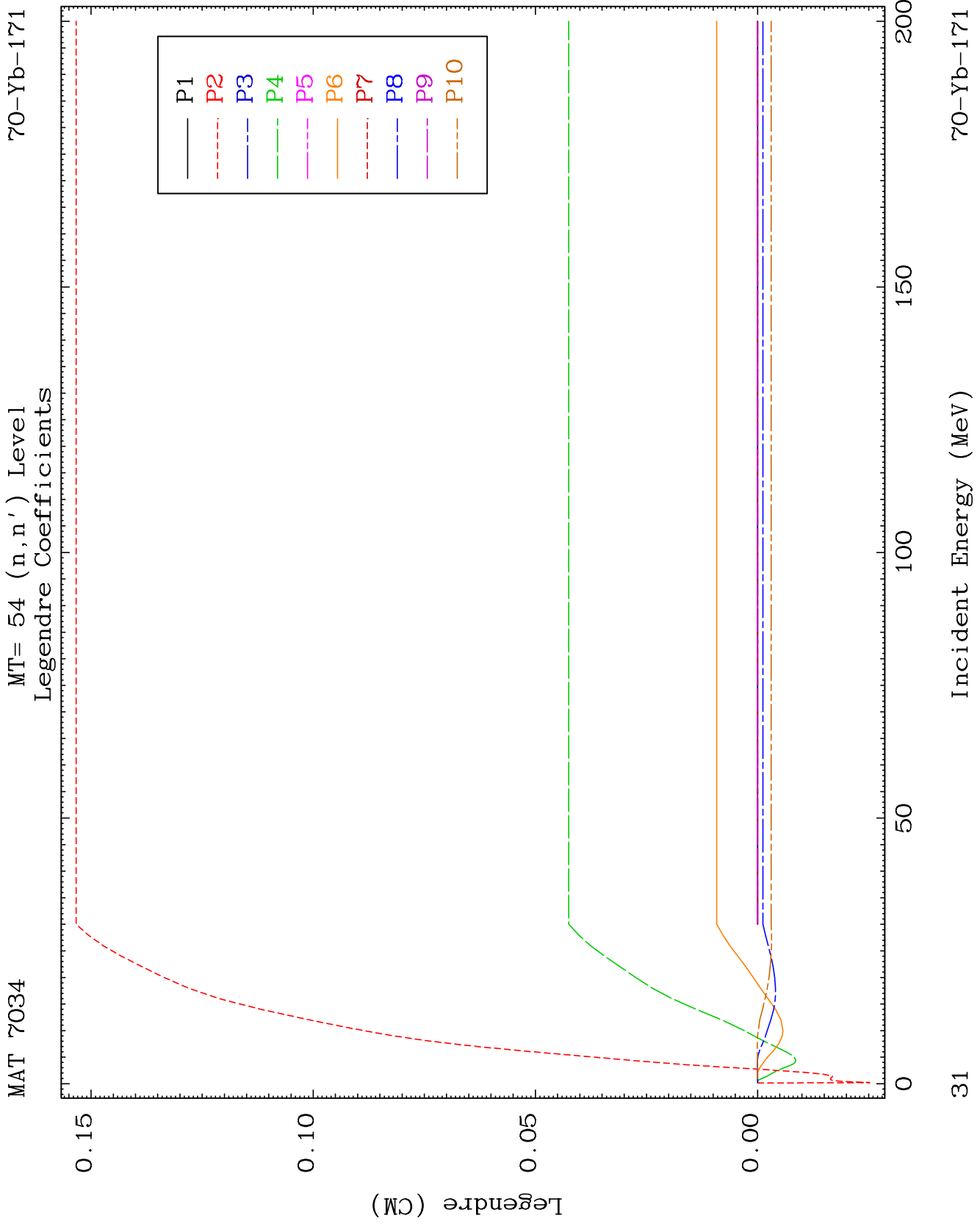


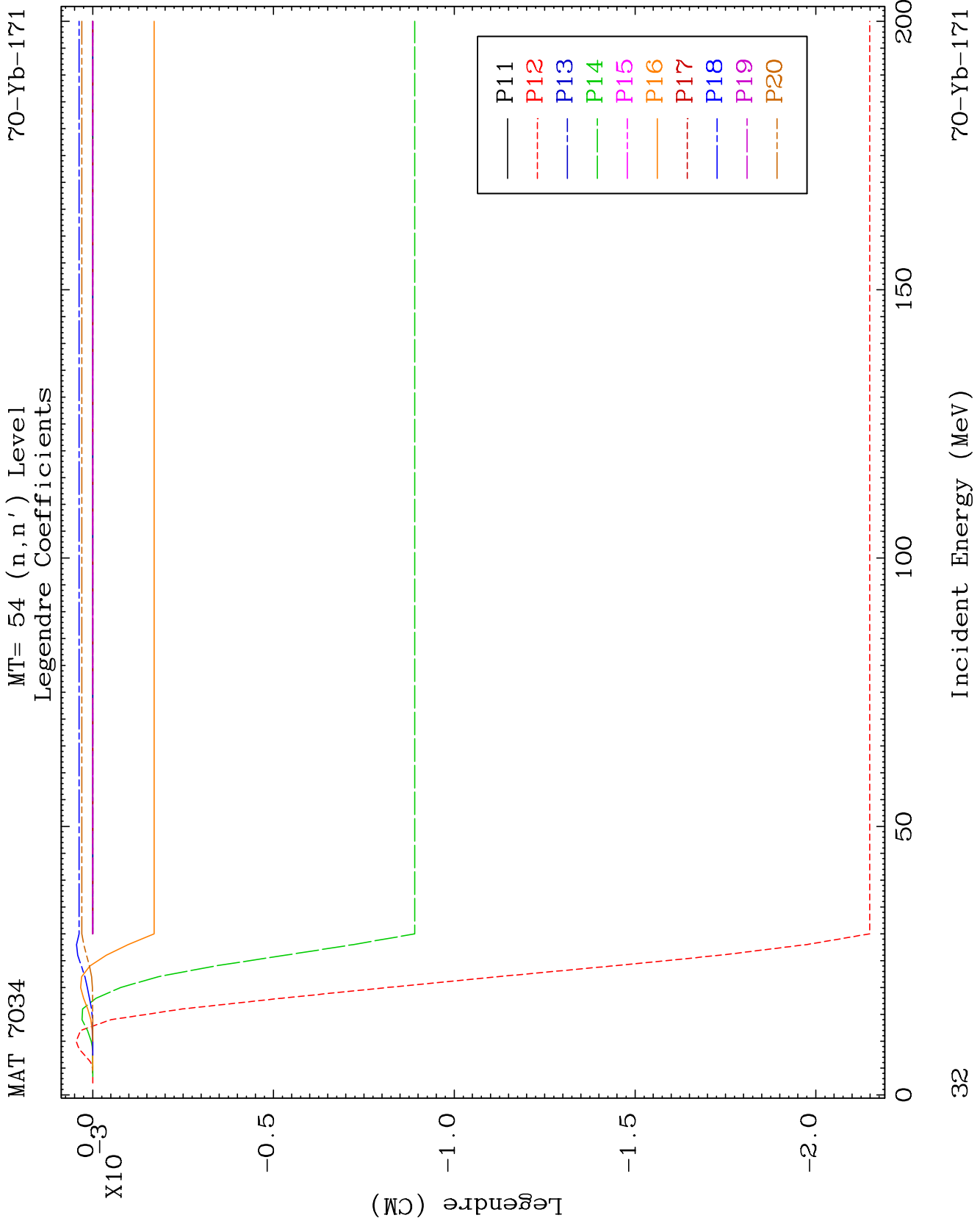
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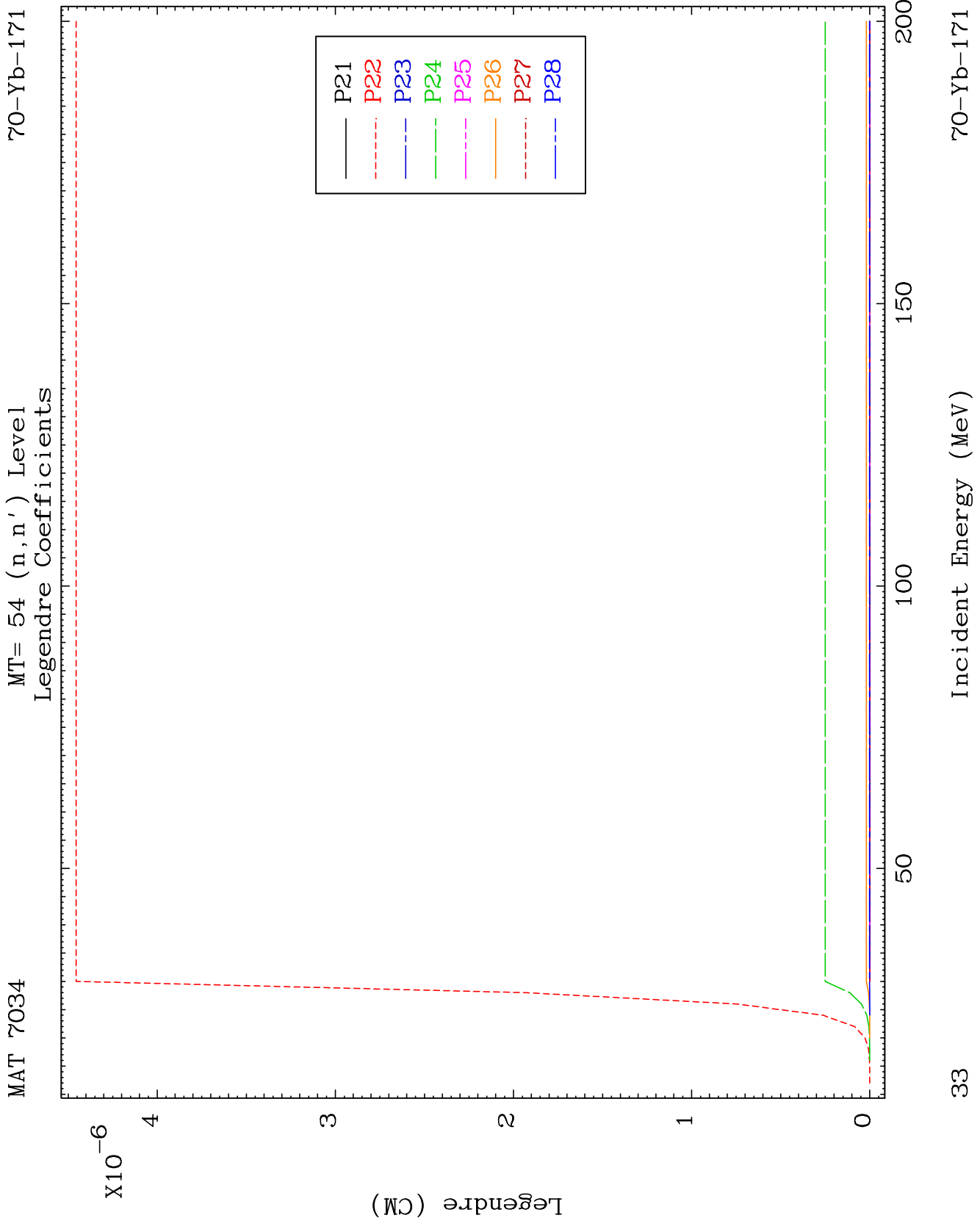
Incident Energy (MeV)

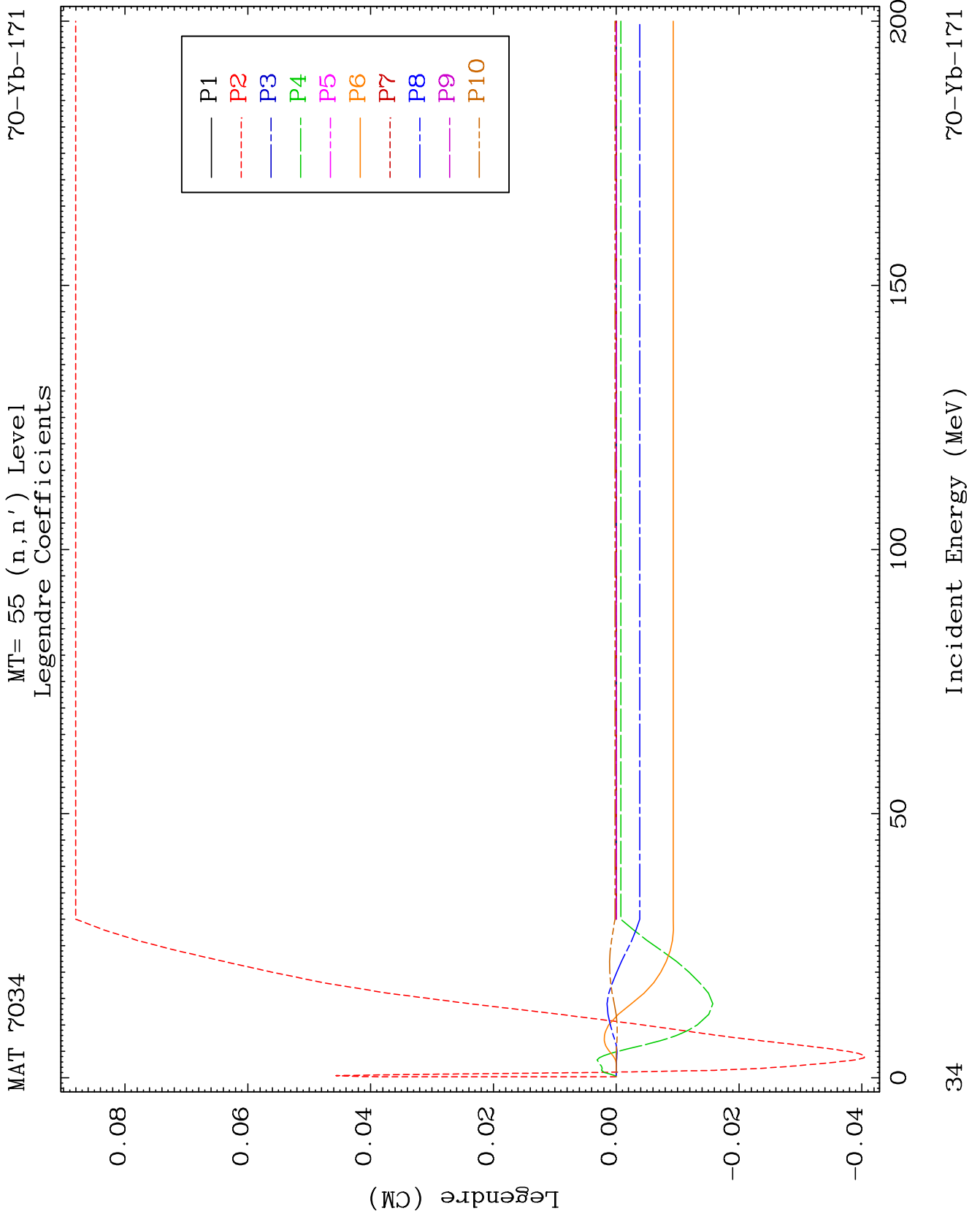
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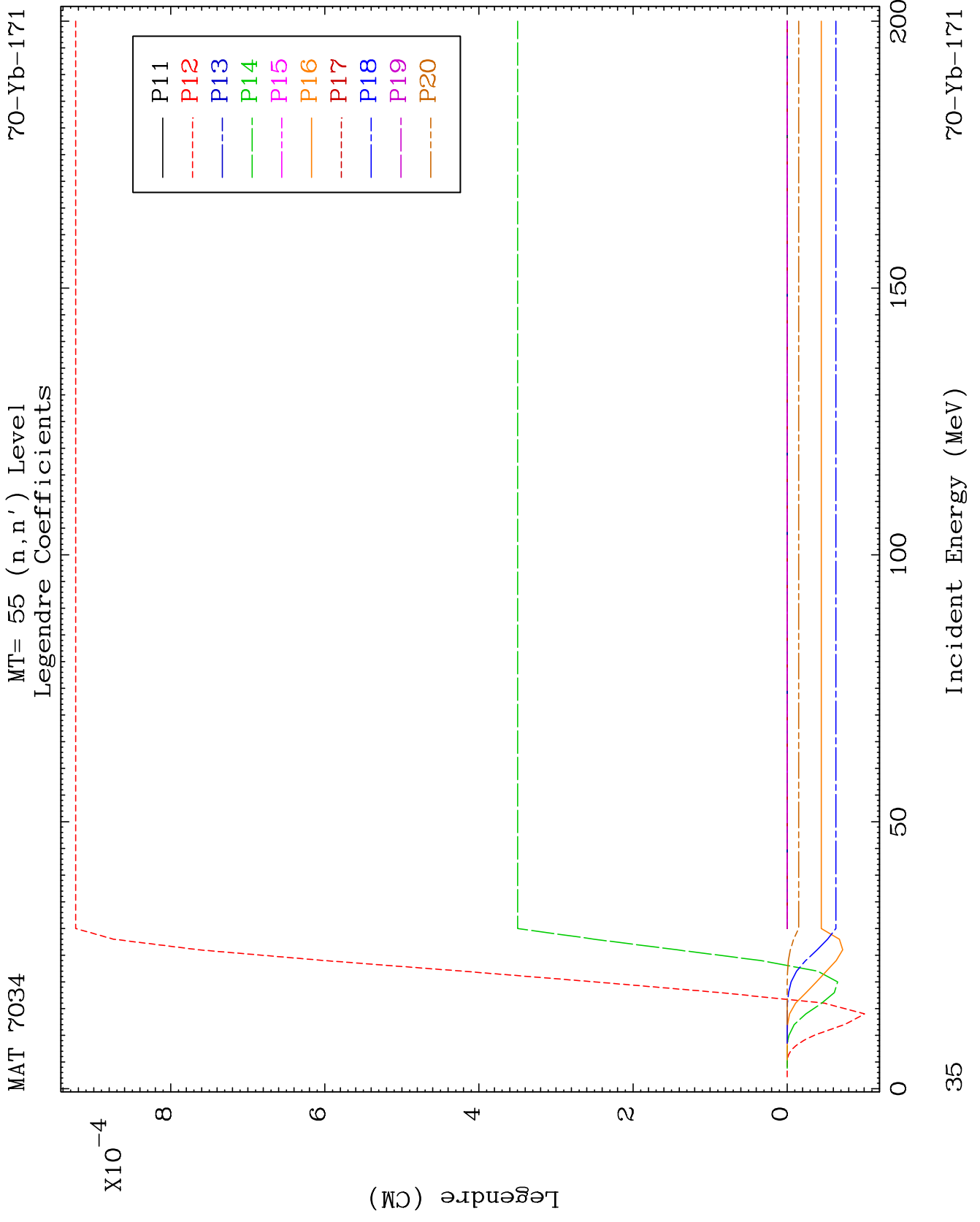


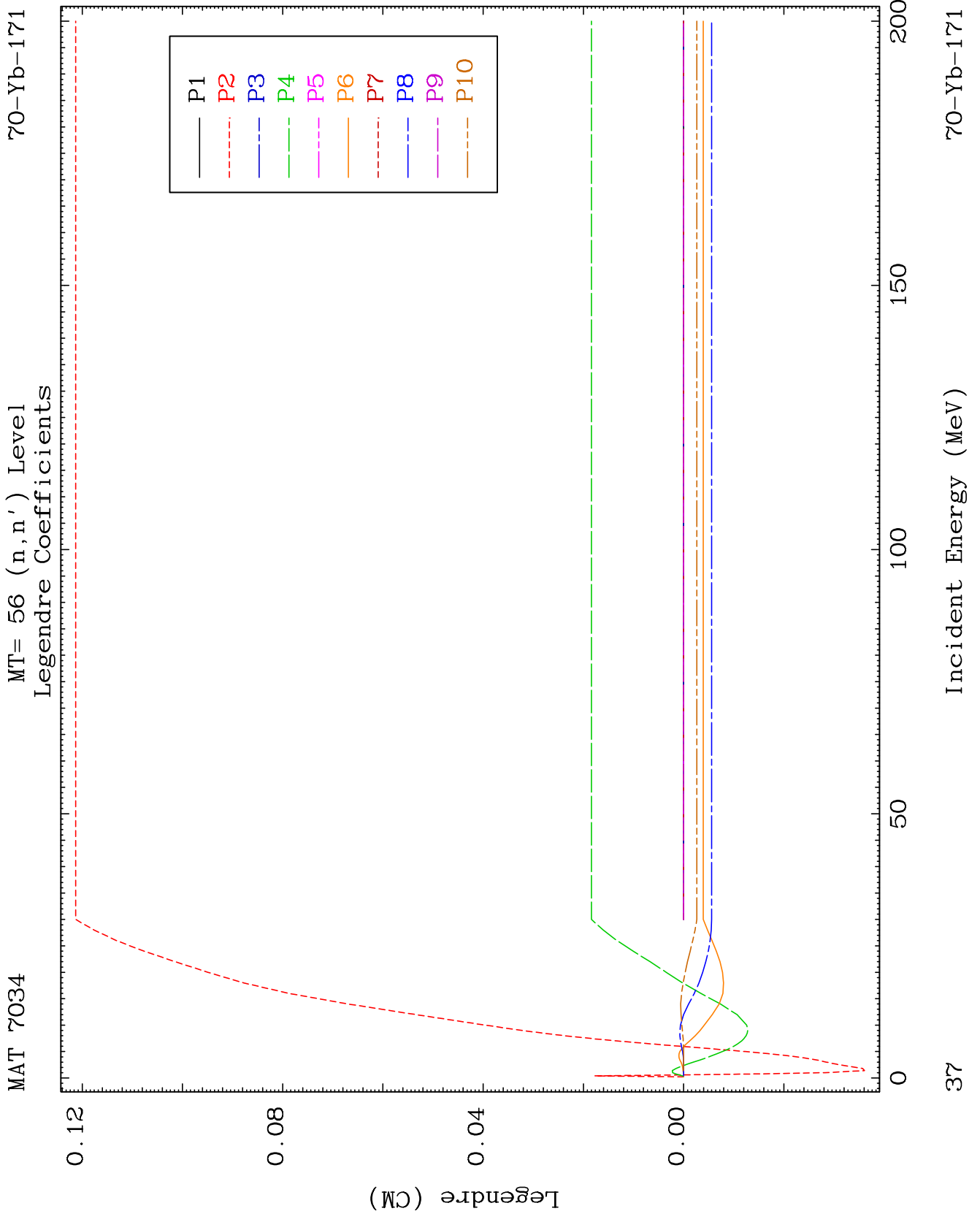








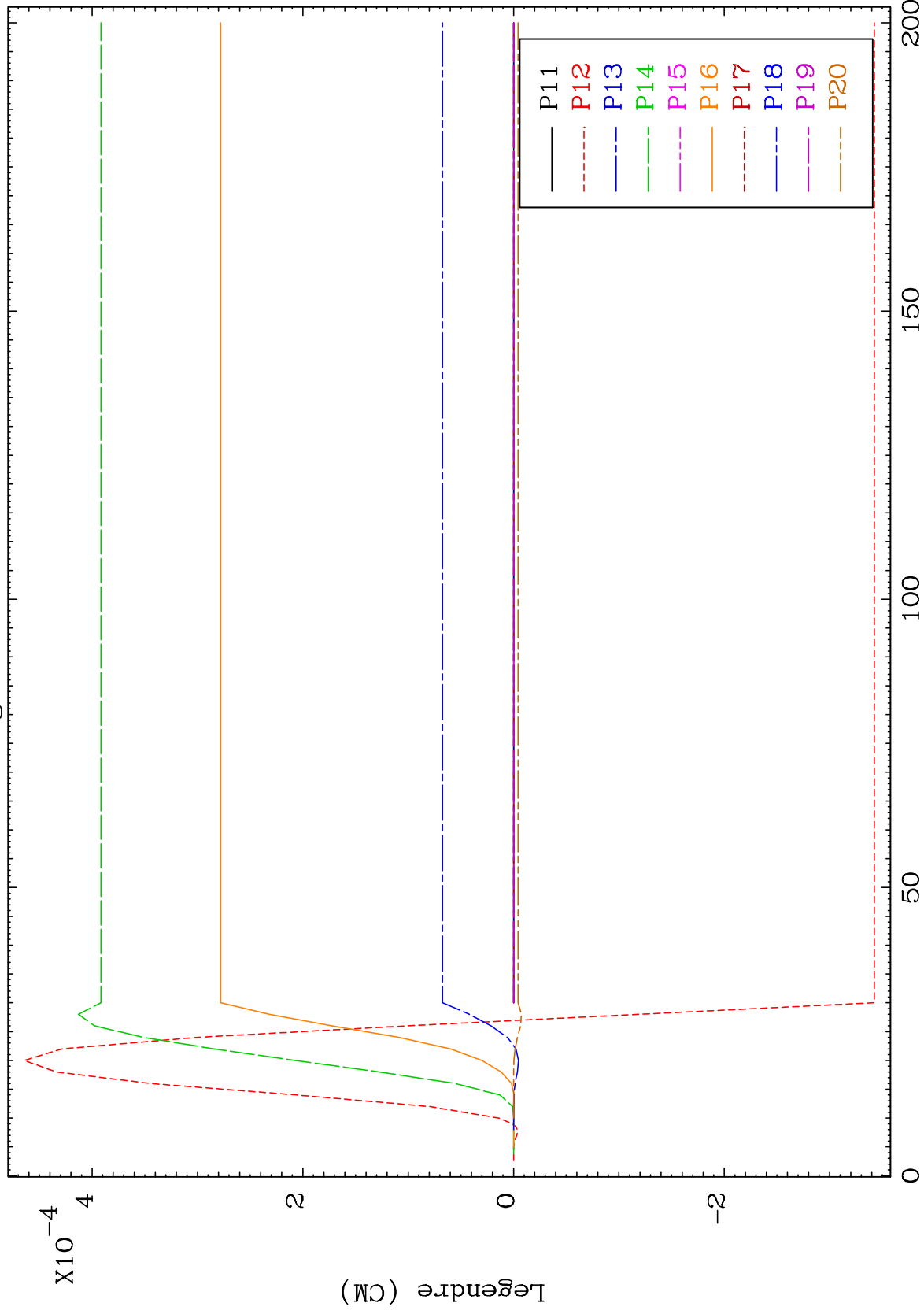




MAT 7034

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

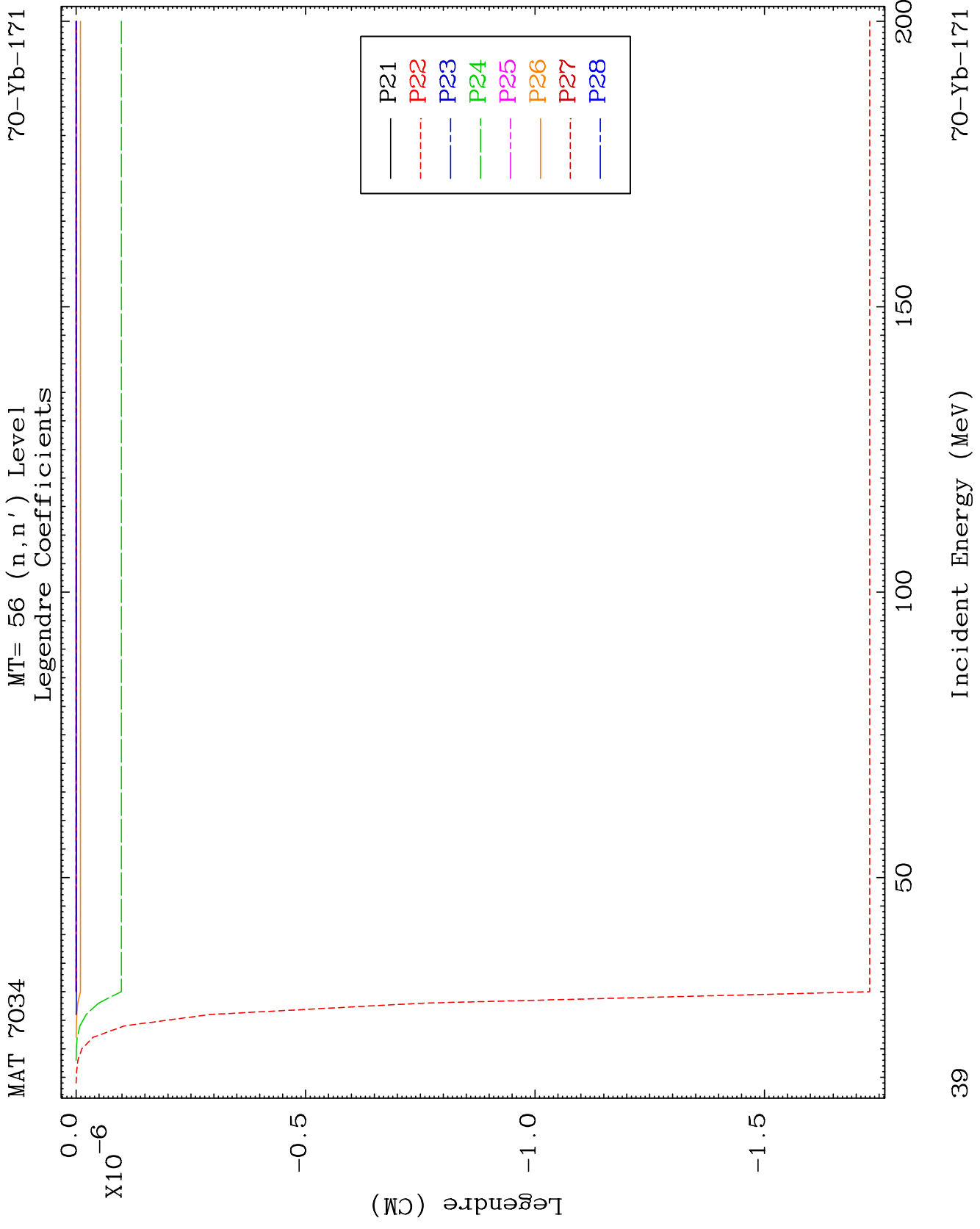
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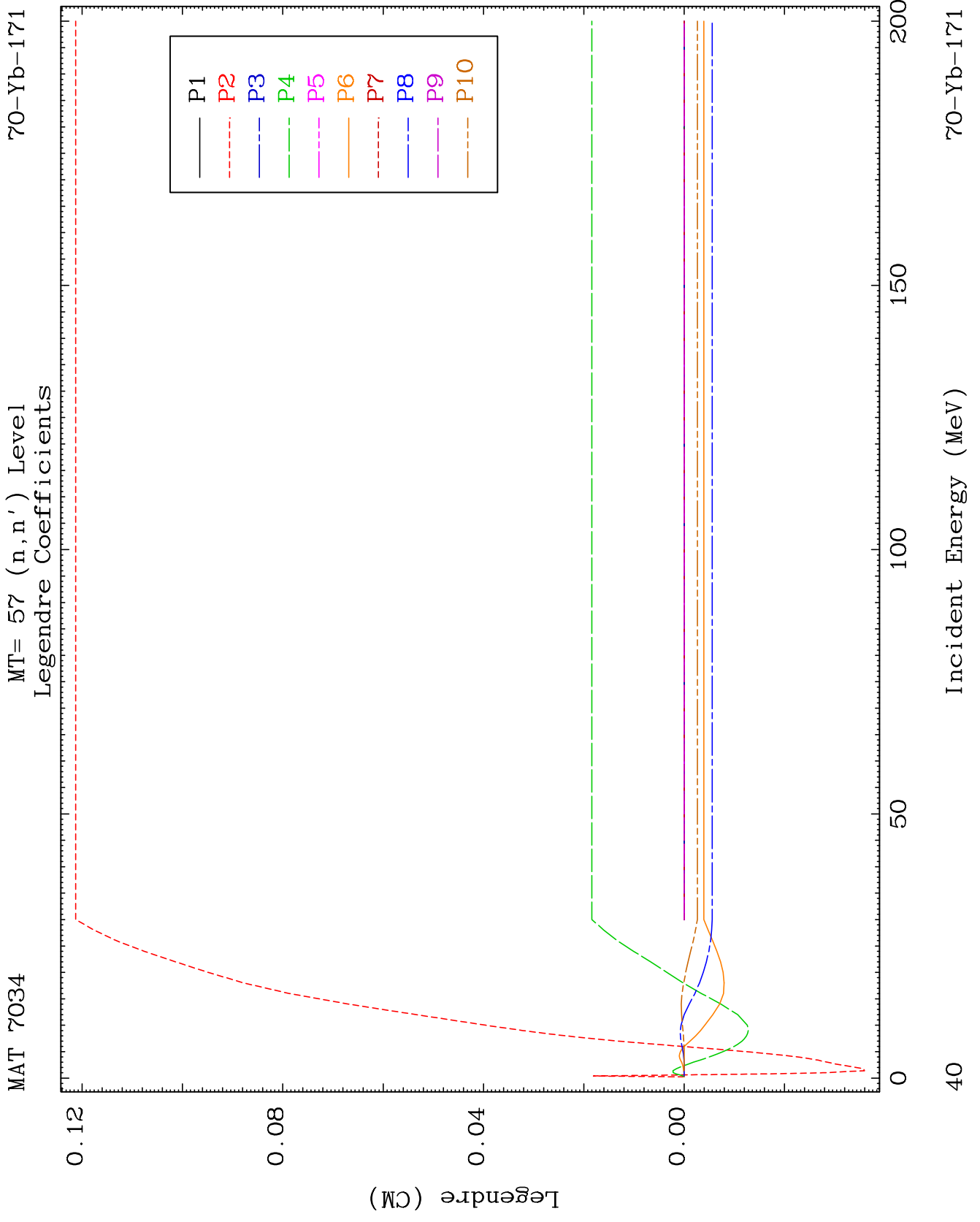


38

Incident Energy (MeV)

70-Yb-171

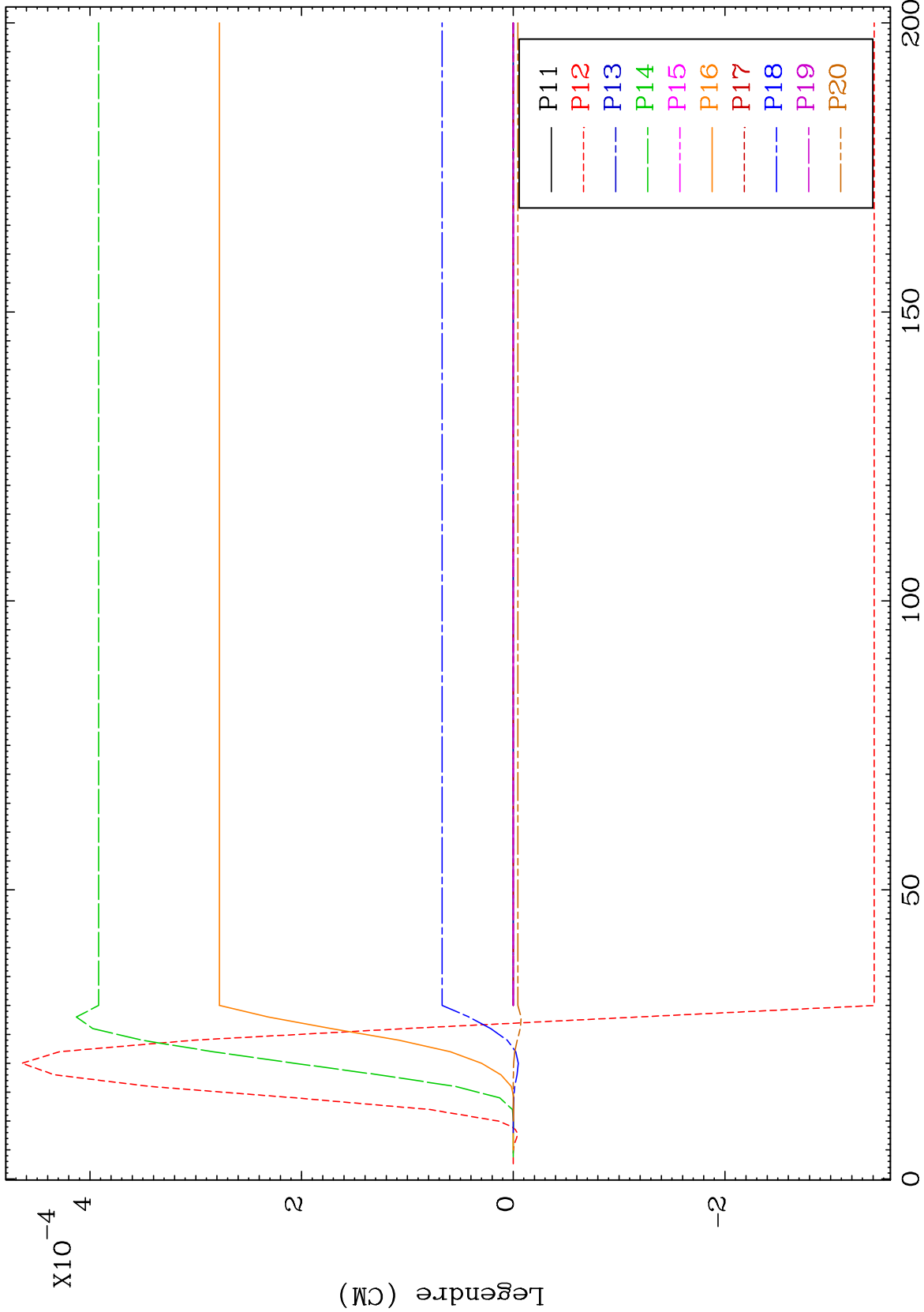




MAT 7034

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

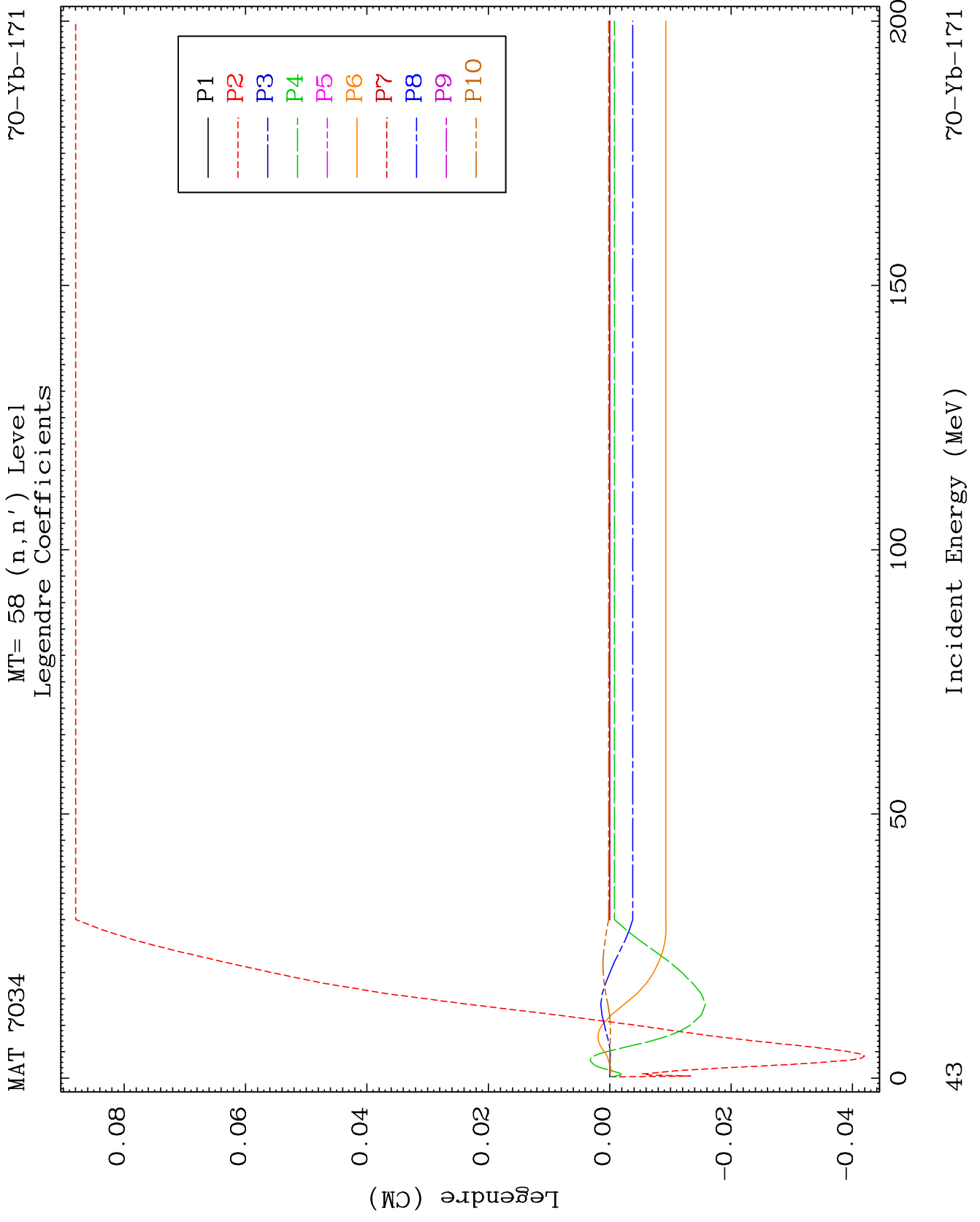
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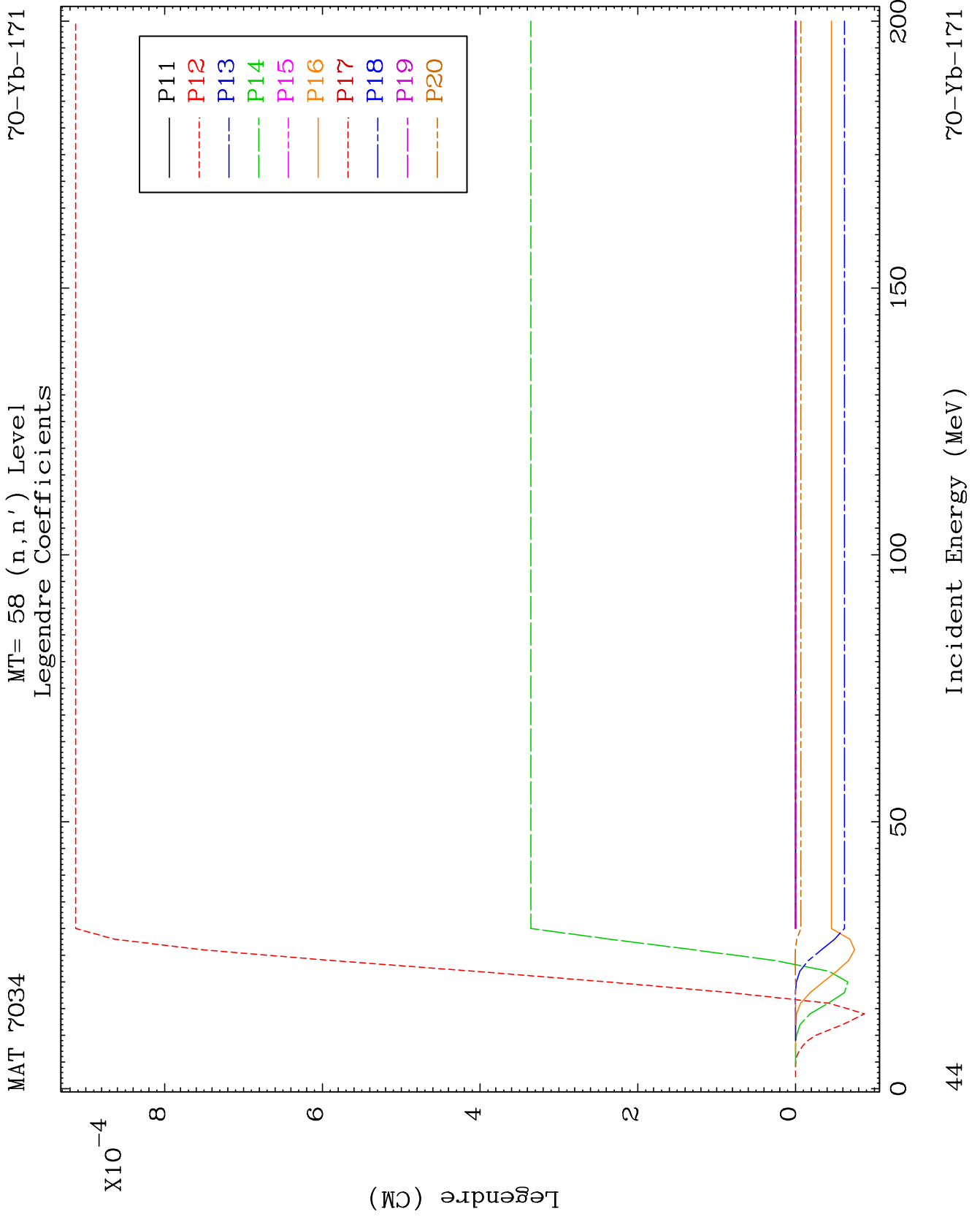


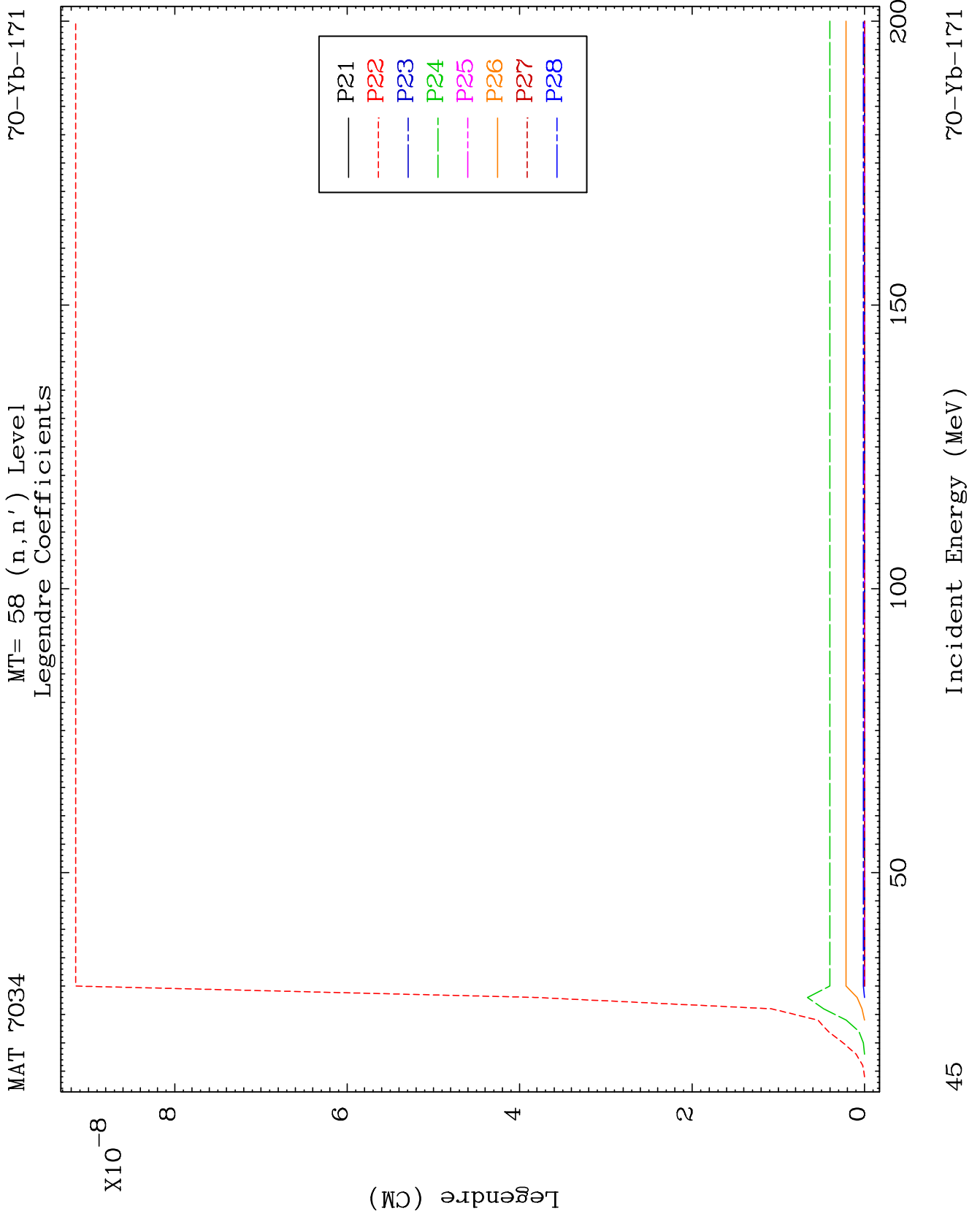
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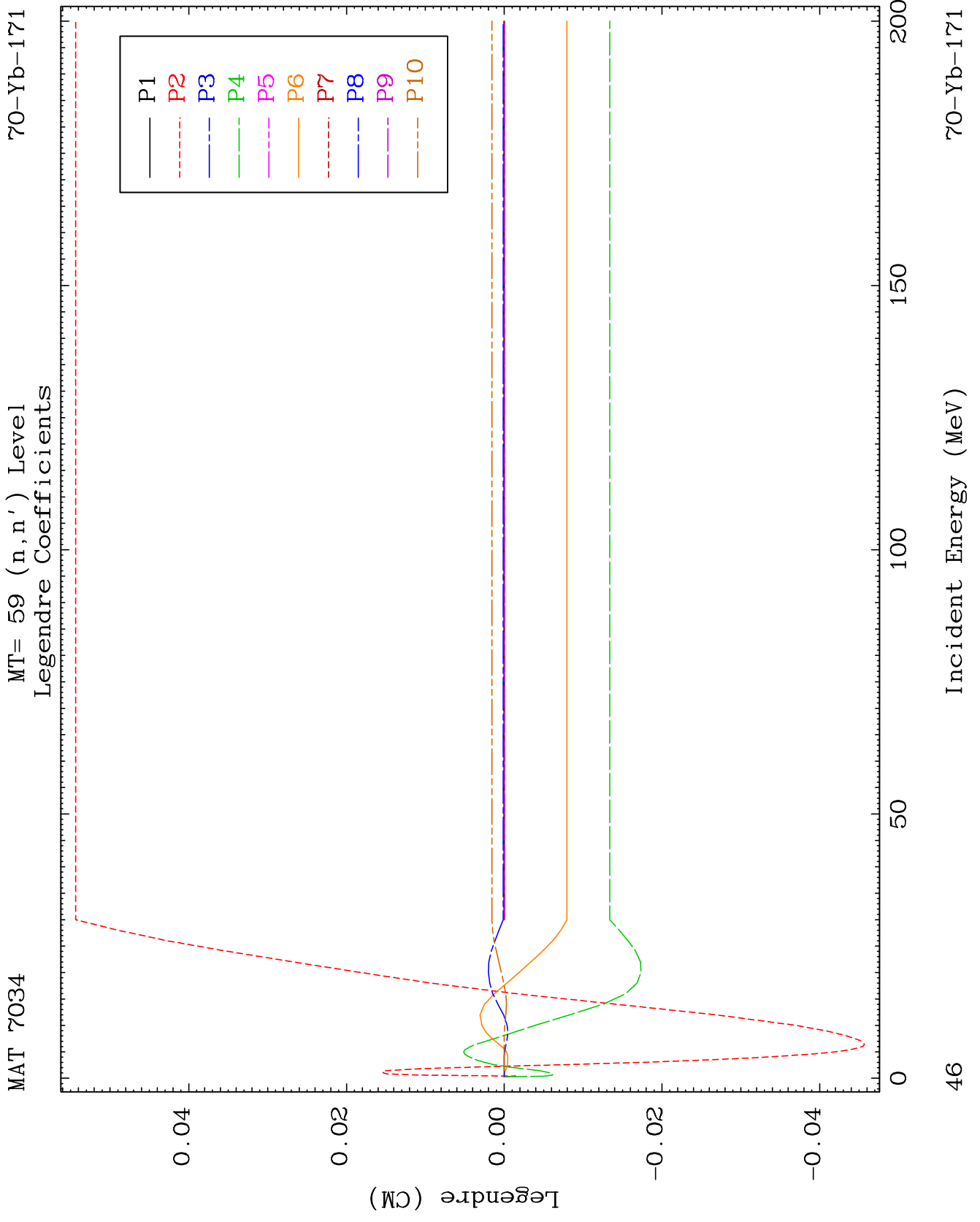
Incident Energy (MeV)

70-Yb-171





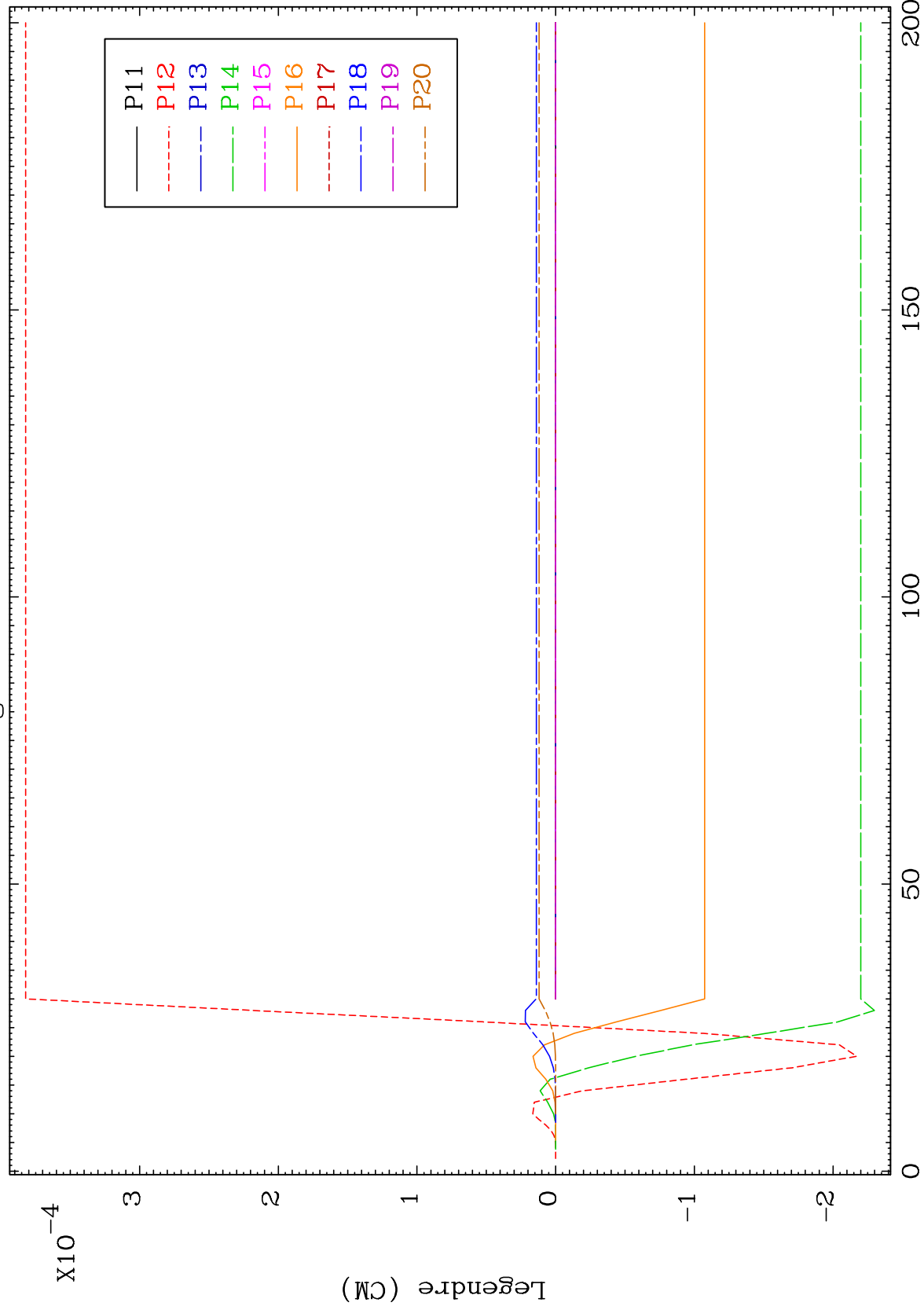




MAT 7034

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

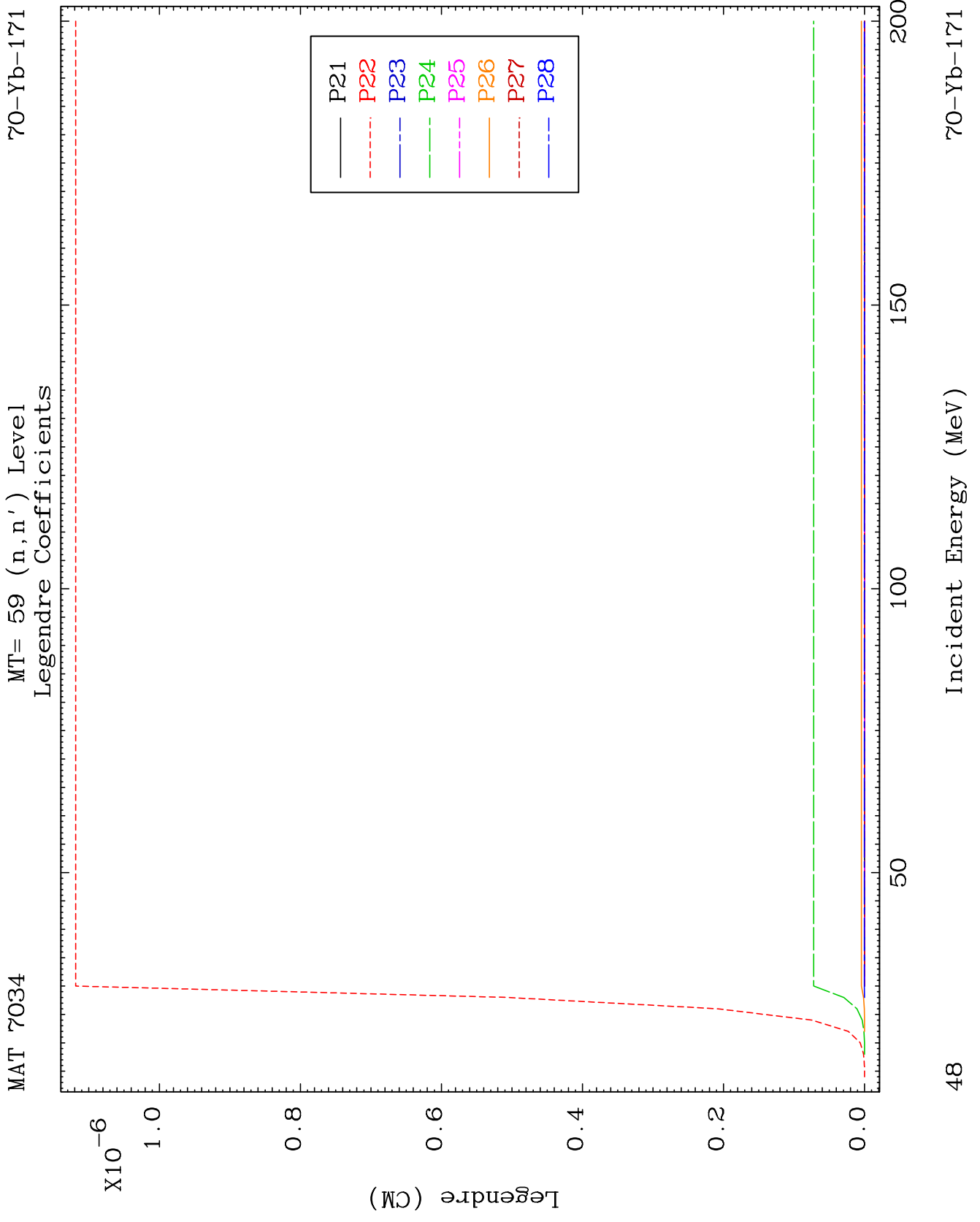
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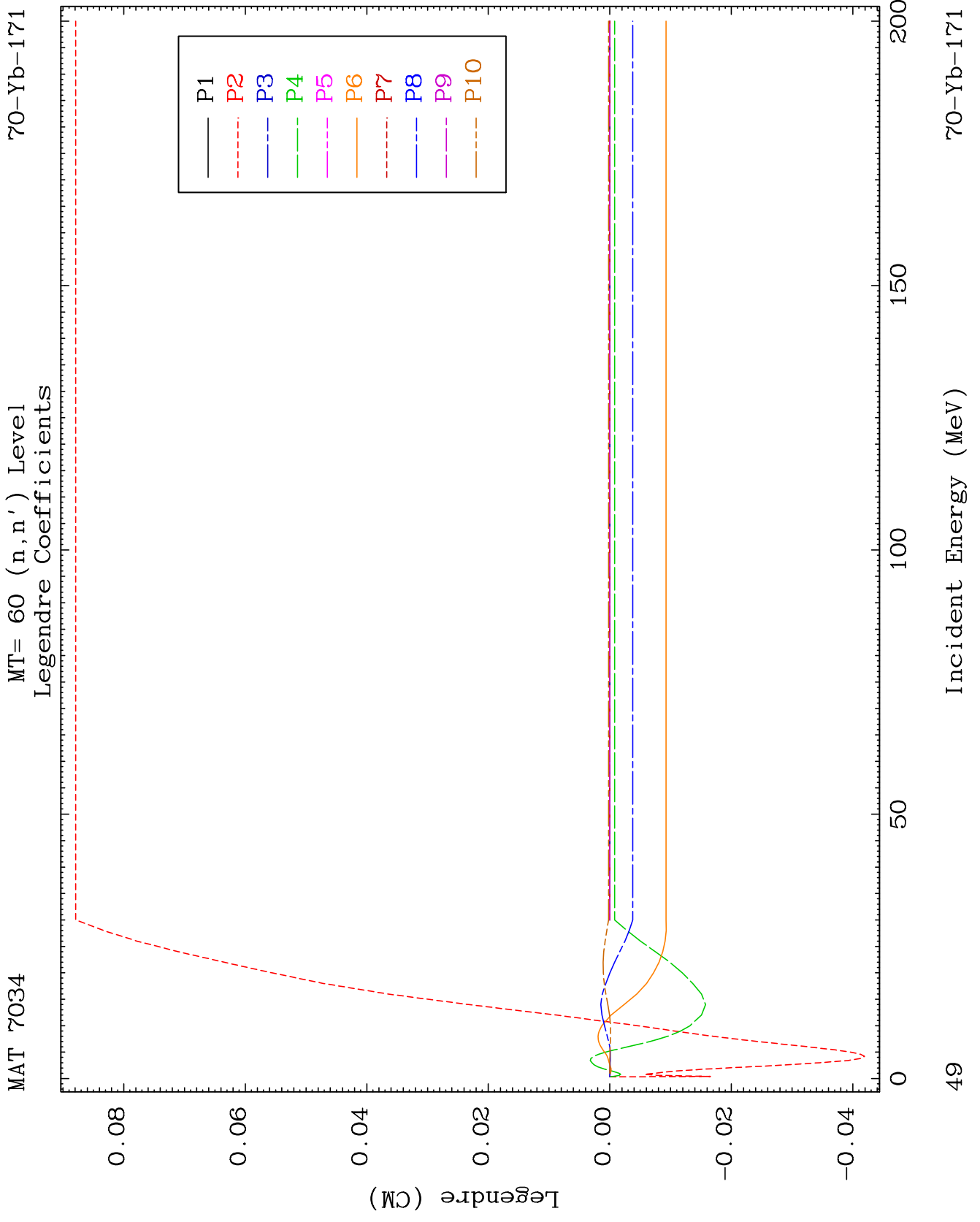


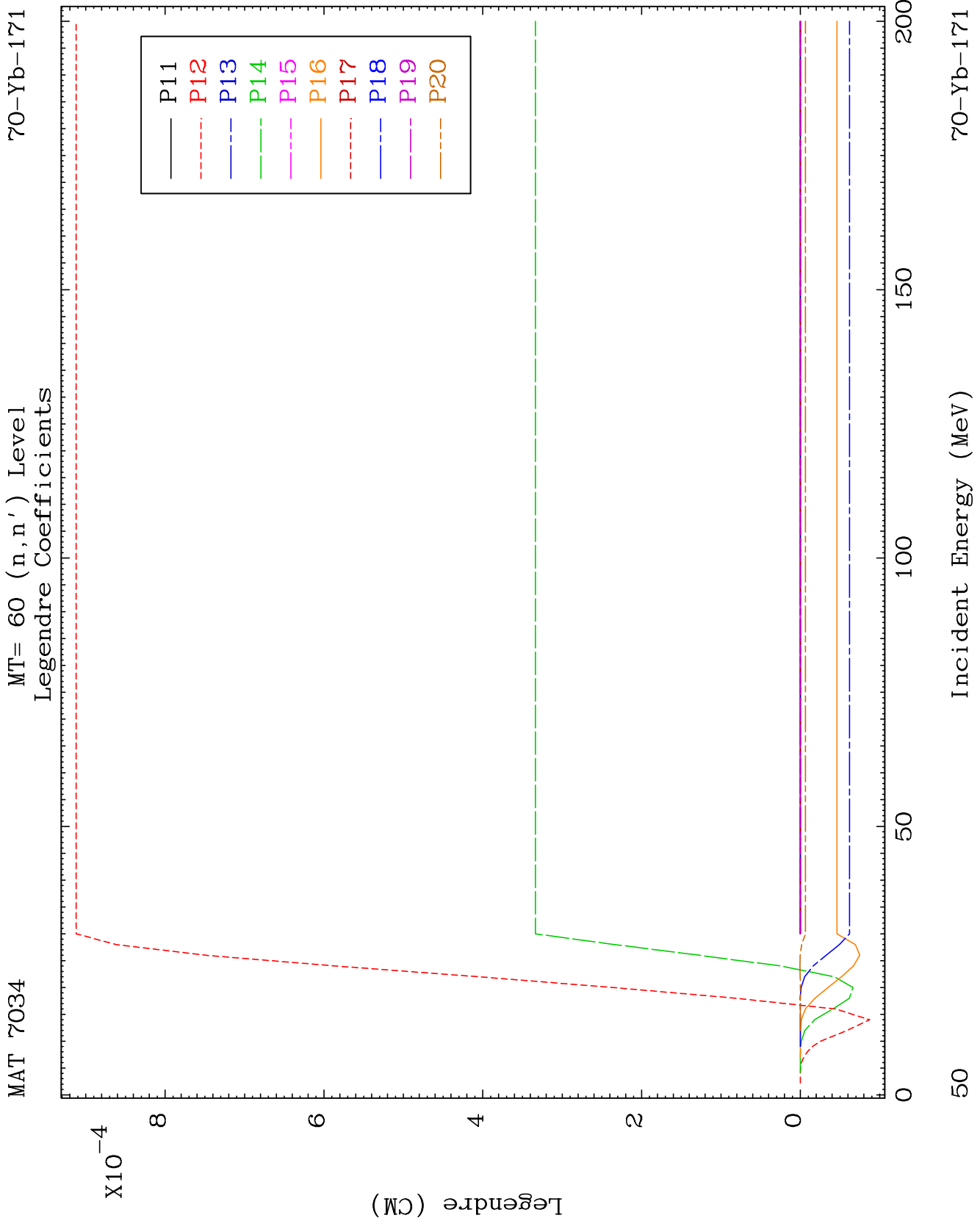
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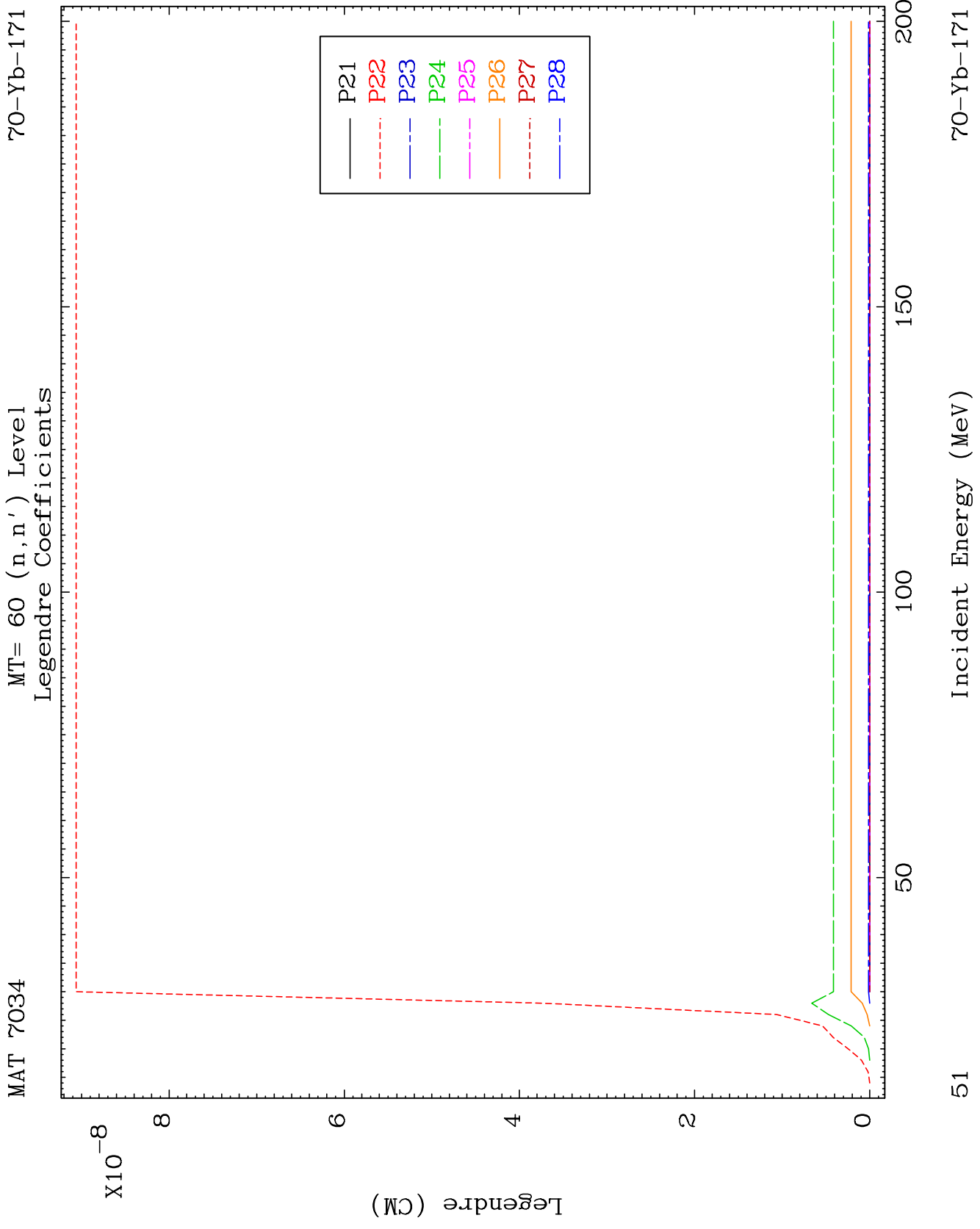
Incident Energy (MeV)

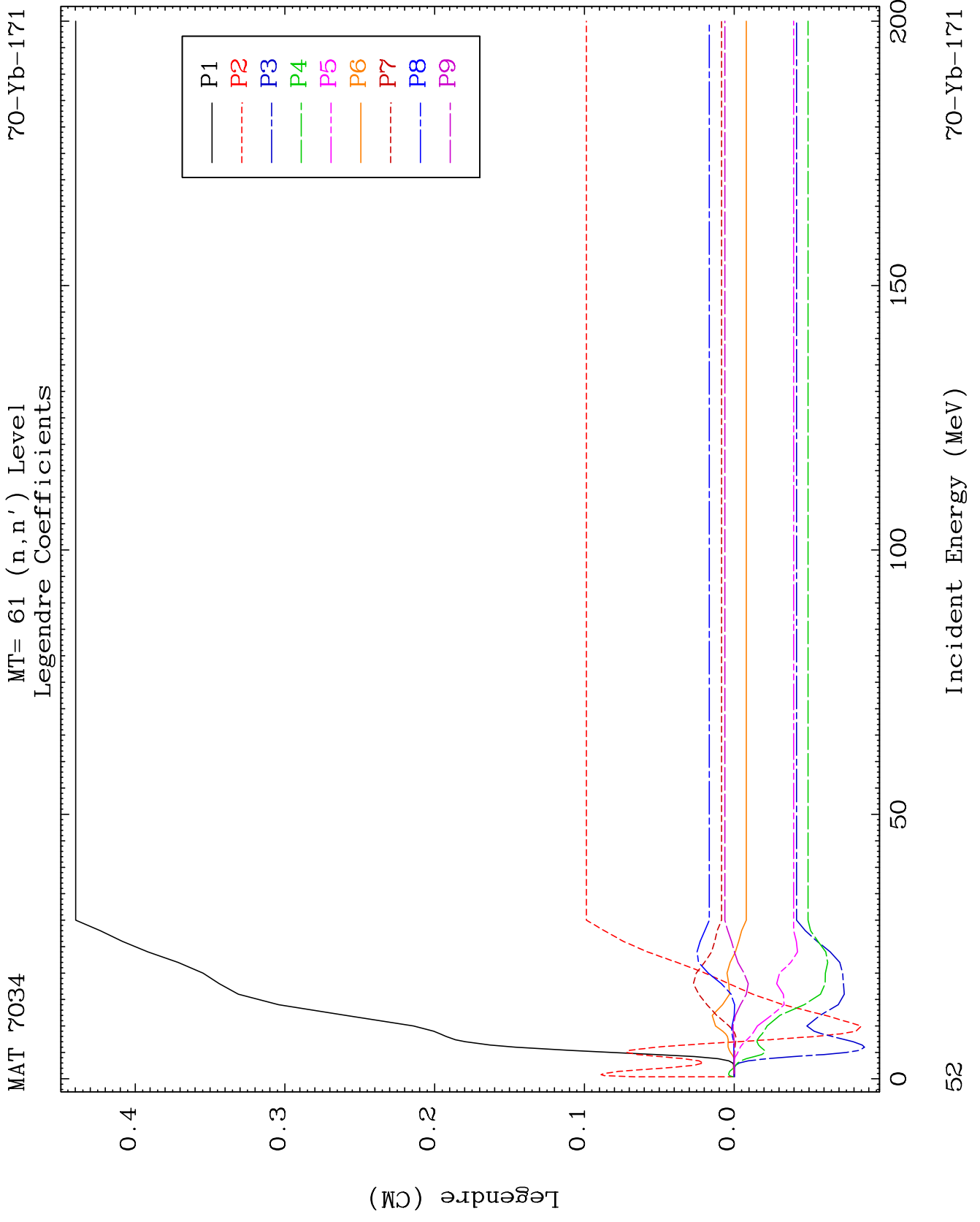
70-Yb-171







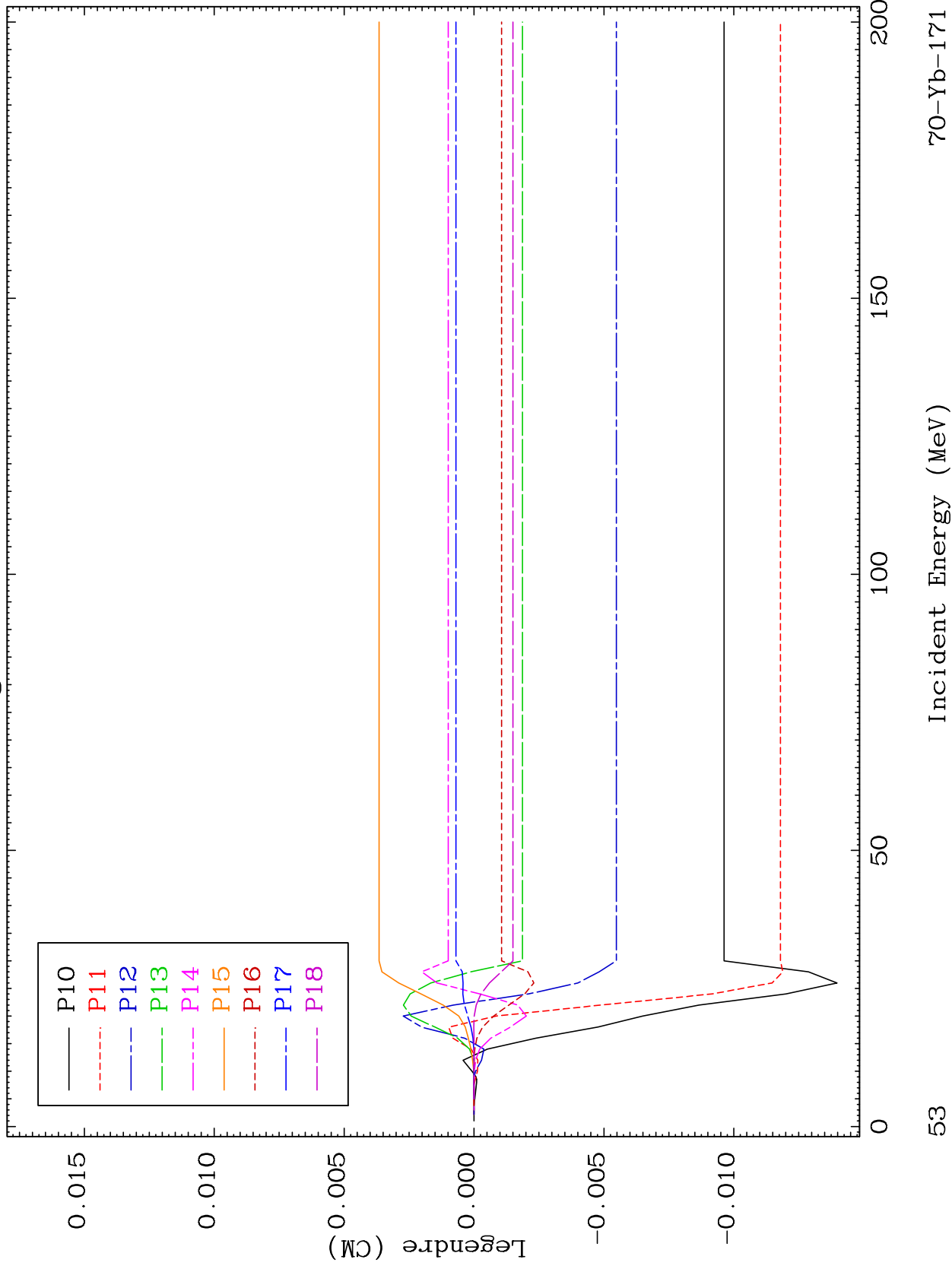




MAT 7034

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

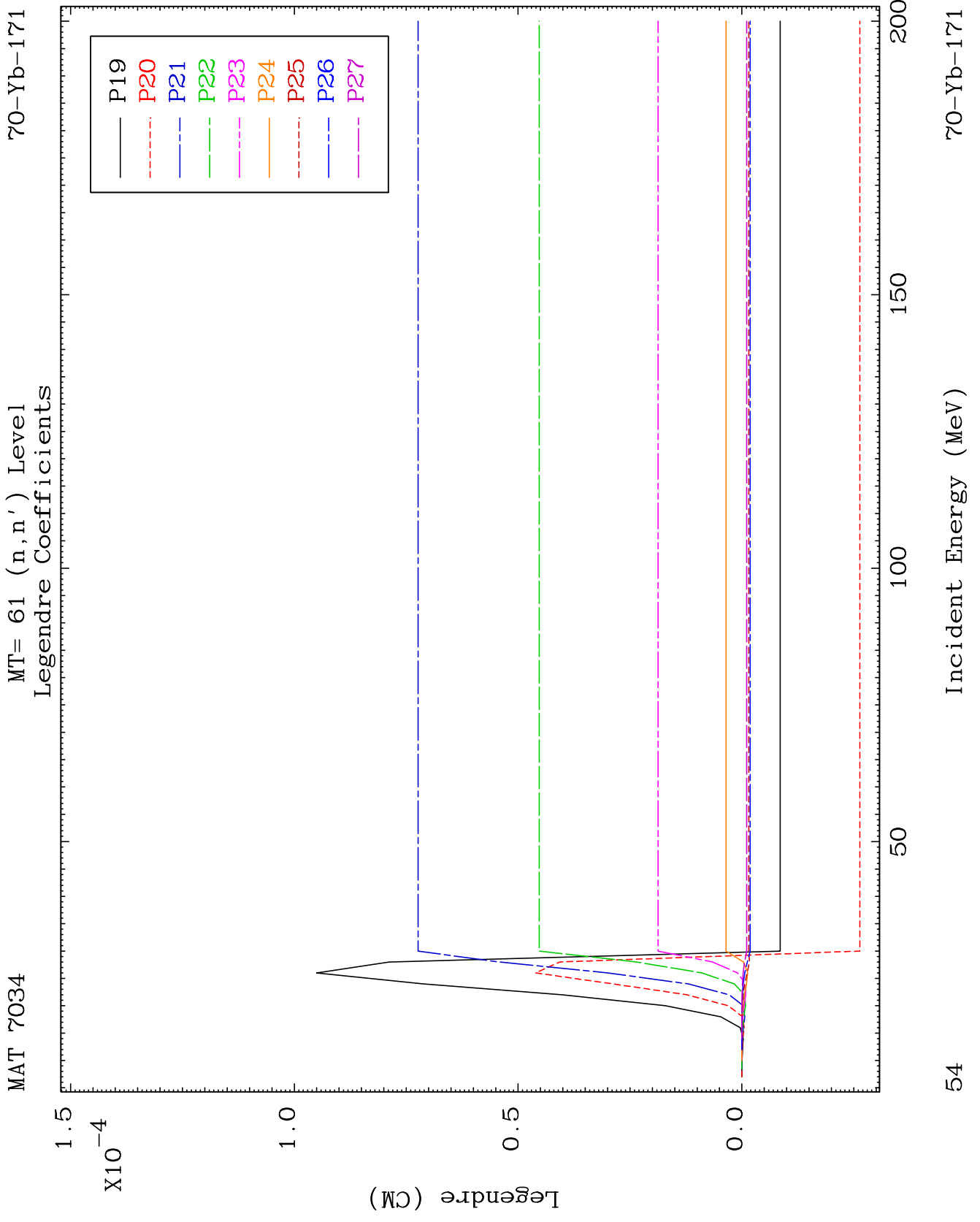
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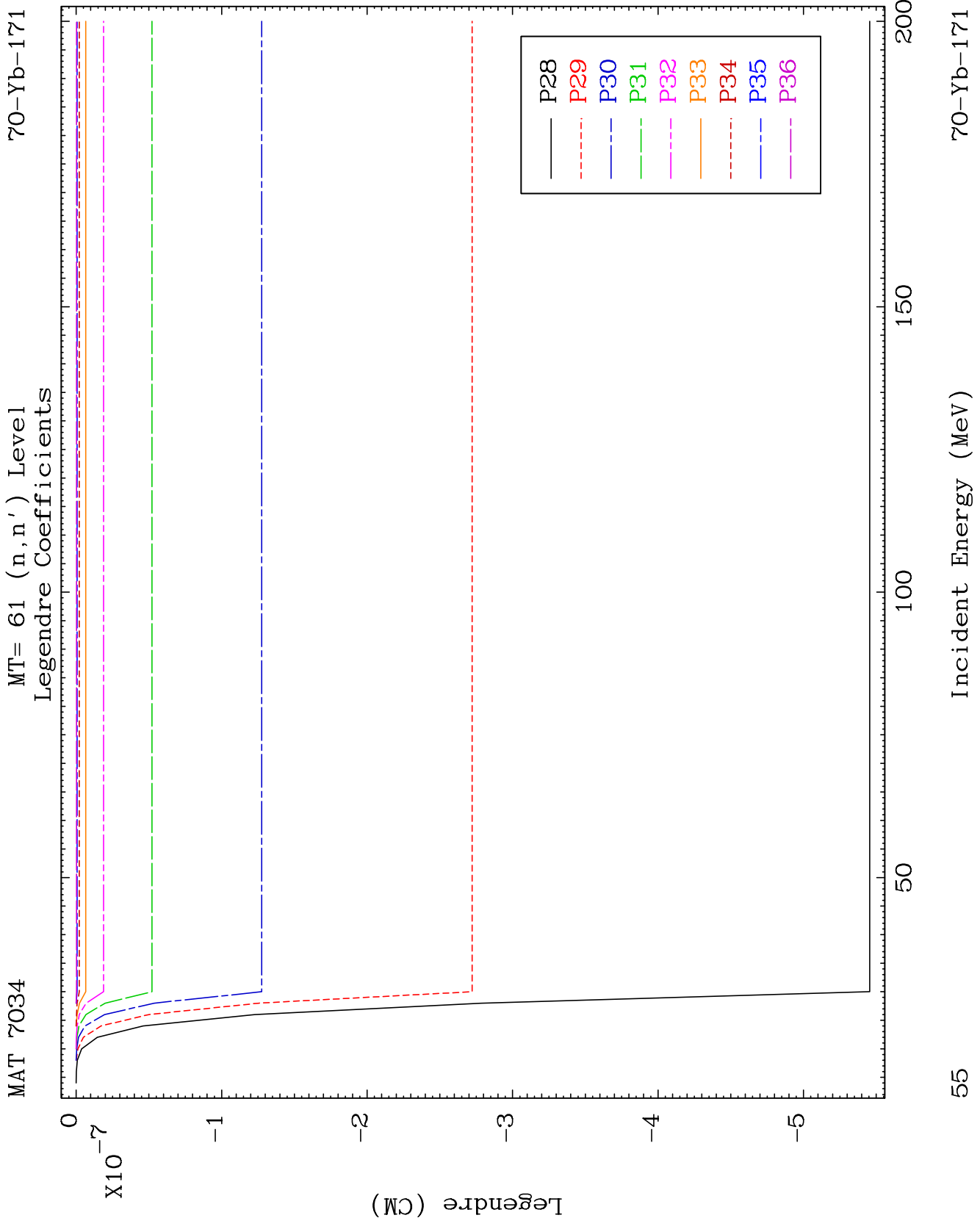


53

Incident Energy (MeV)

70-Yb-171

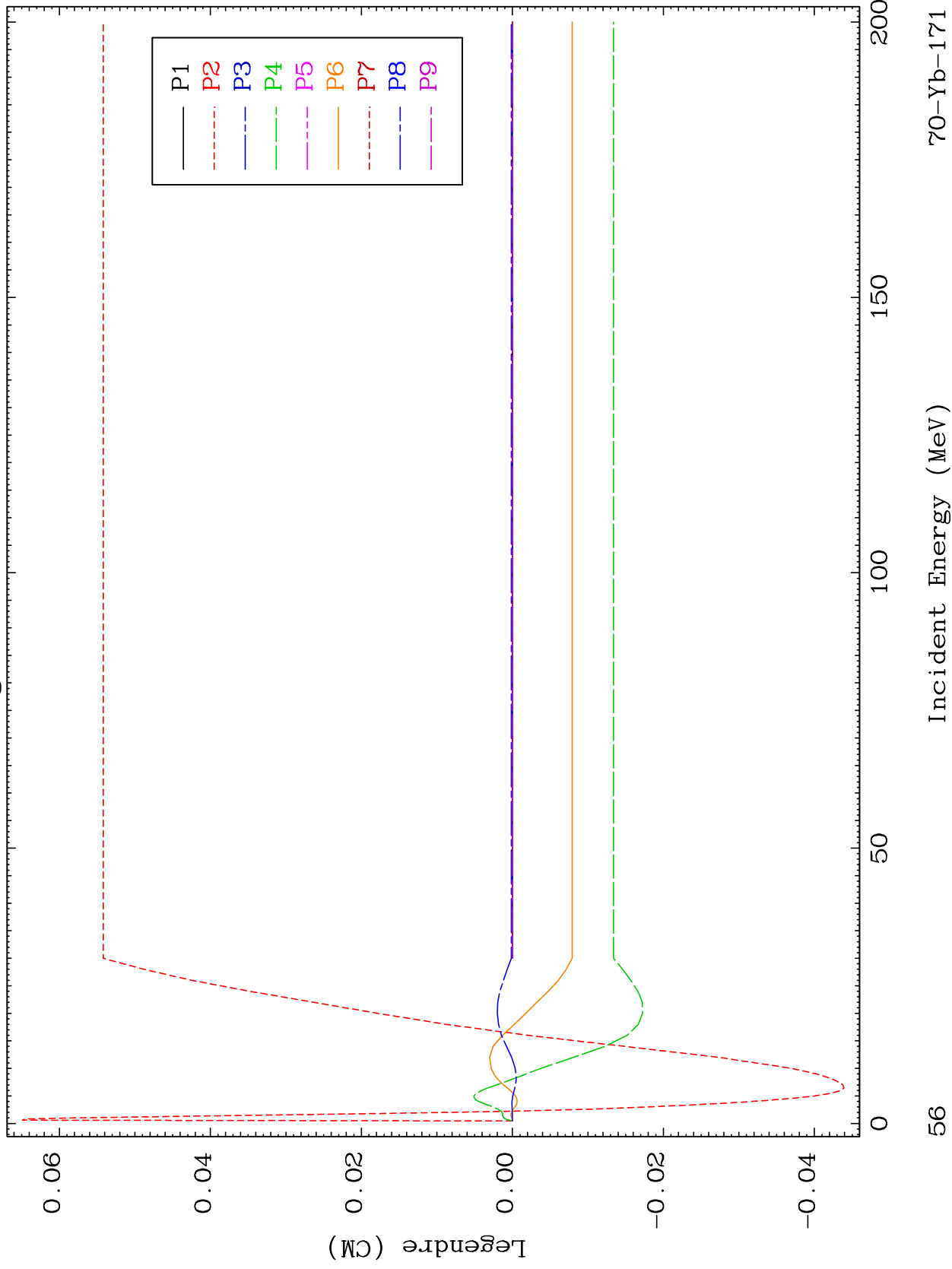




MAT 7034

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

70-Yb-171



70-Yb-171

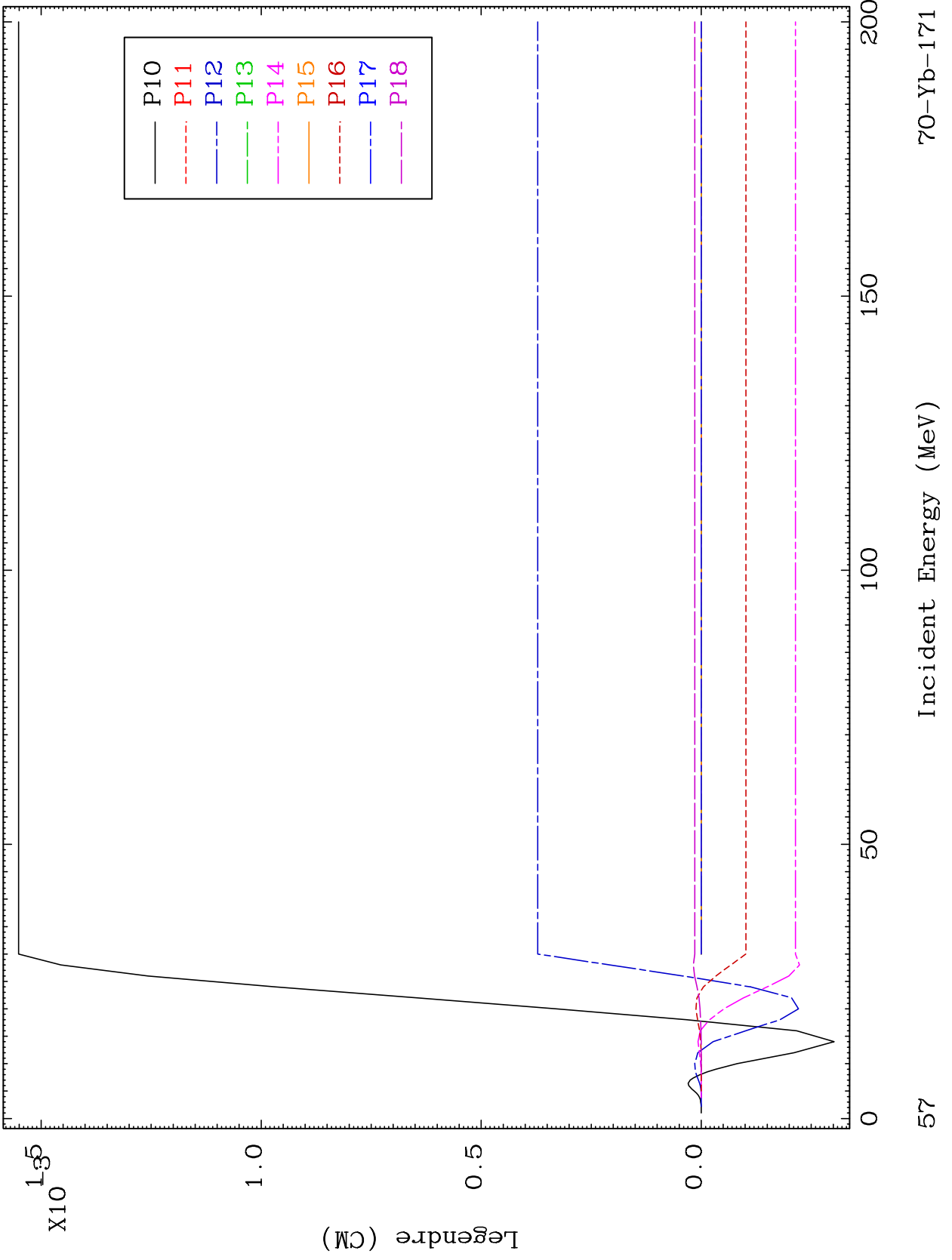
Incident Energy (MeV)

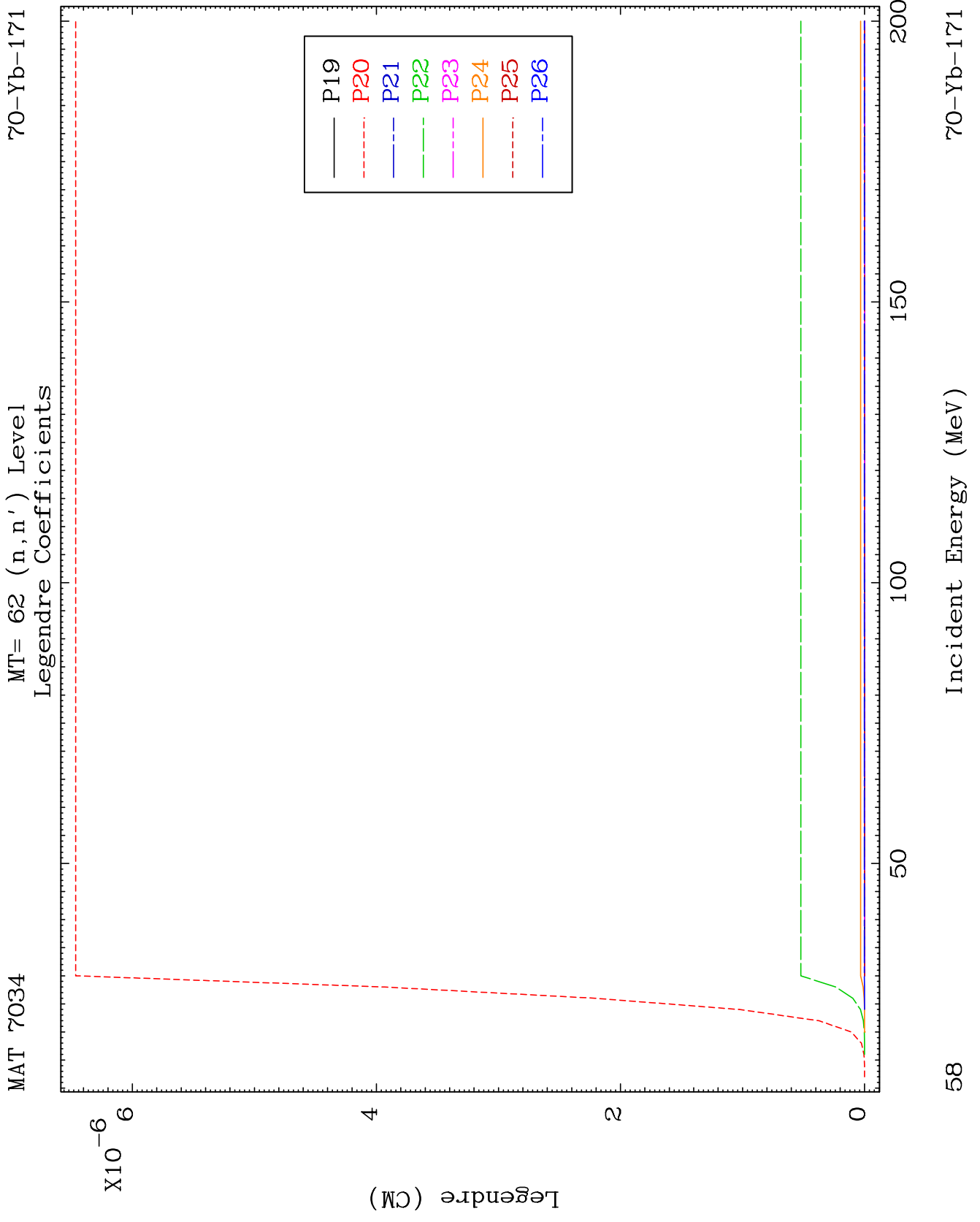
56

MAT 7034

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

70-Yb-171

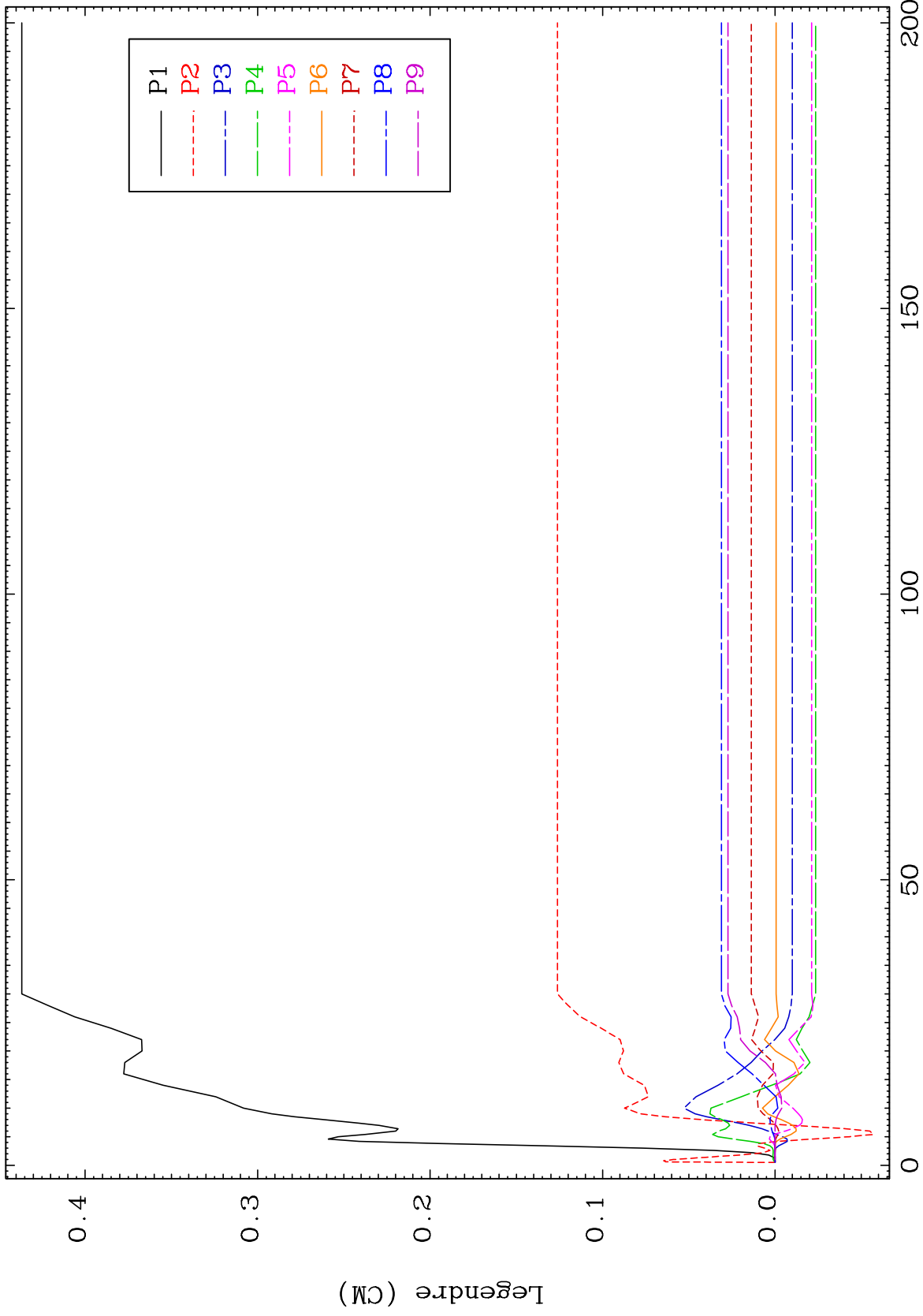




MAT 7034

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

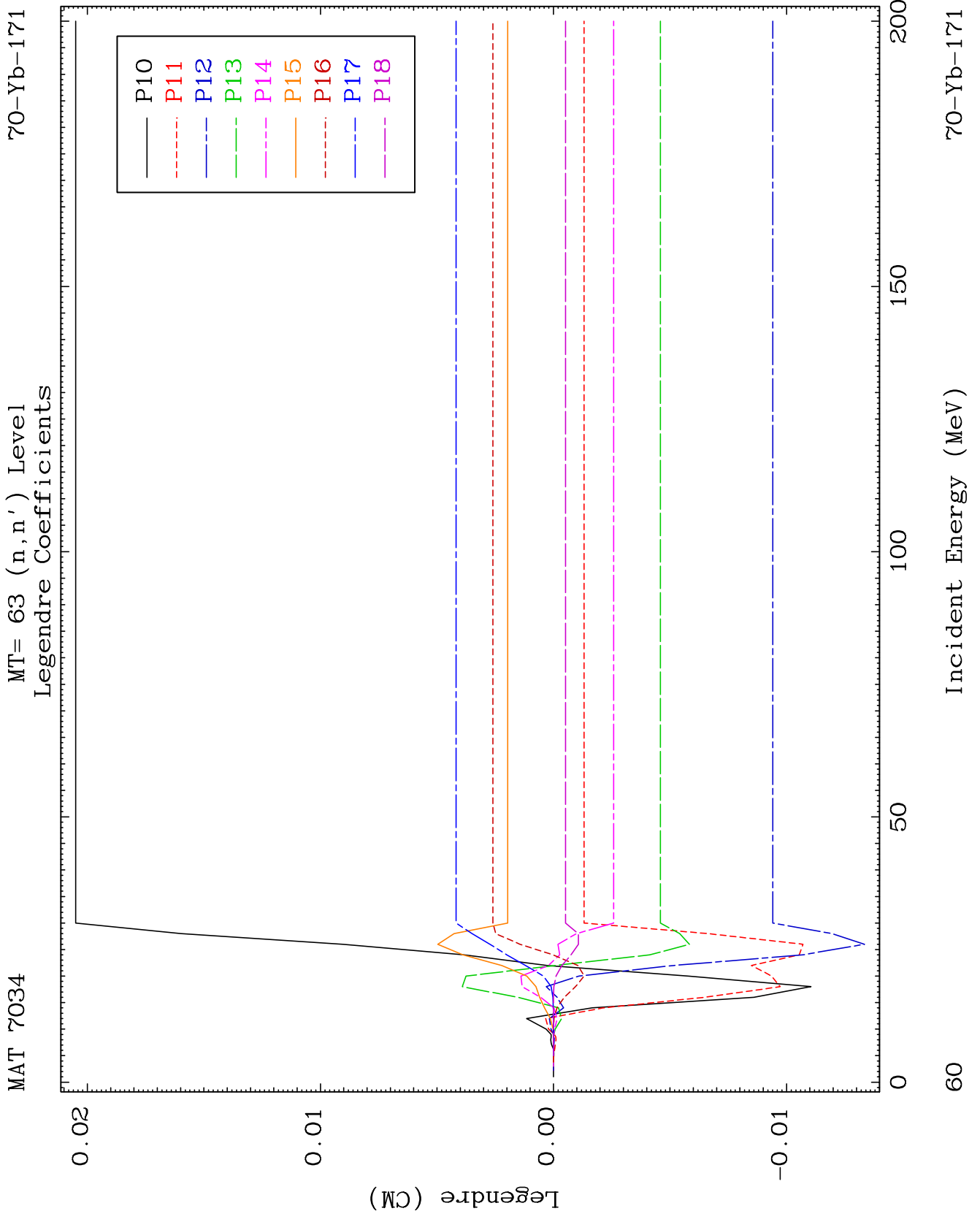
70-Yb-171



59

Incident Energy (MeV)

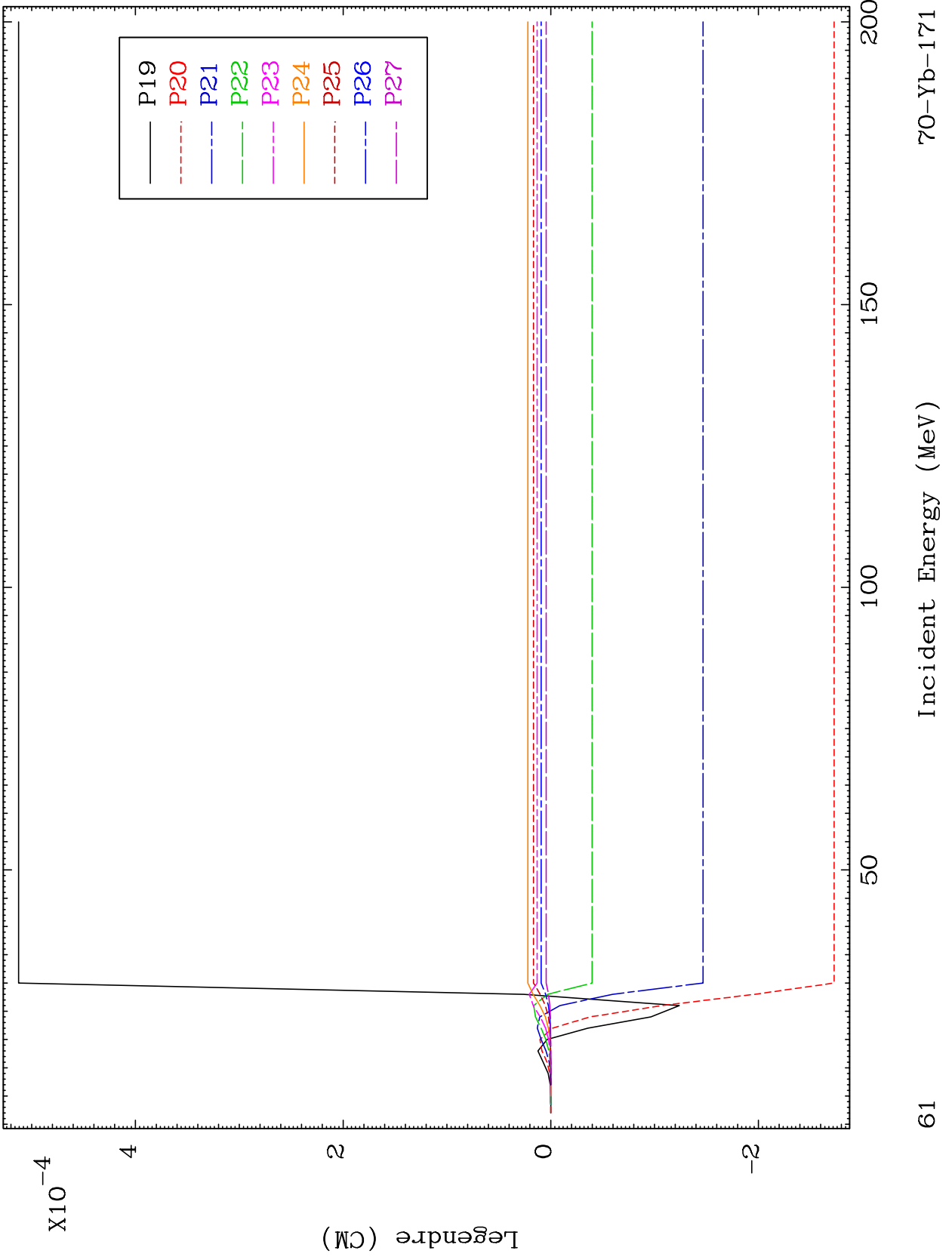
70-Yb-171



MAT 7034

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

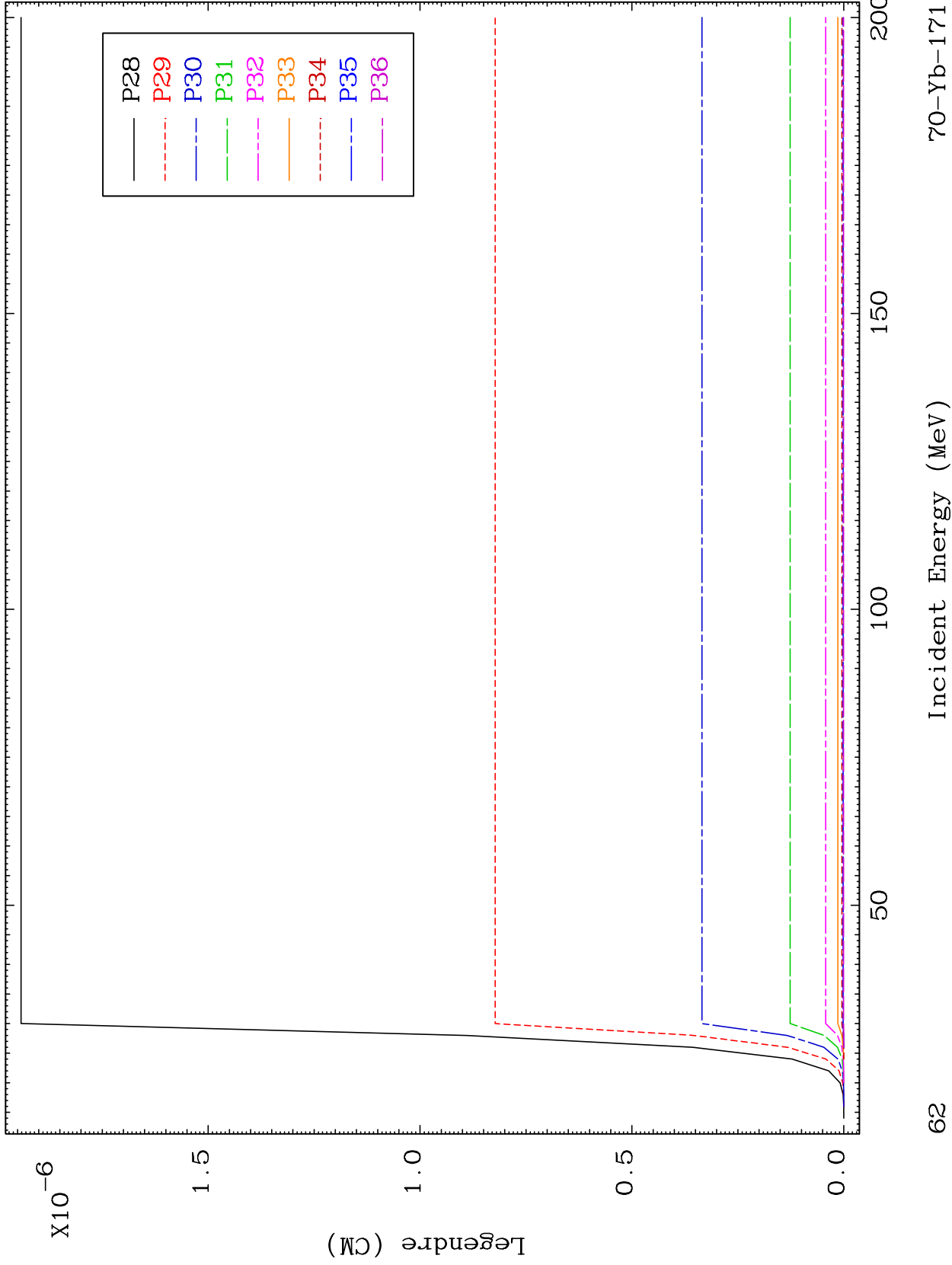
70-Yb-171



MAT 7034

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

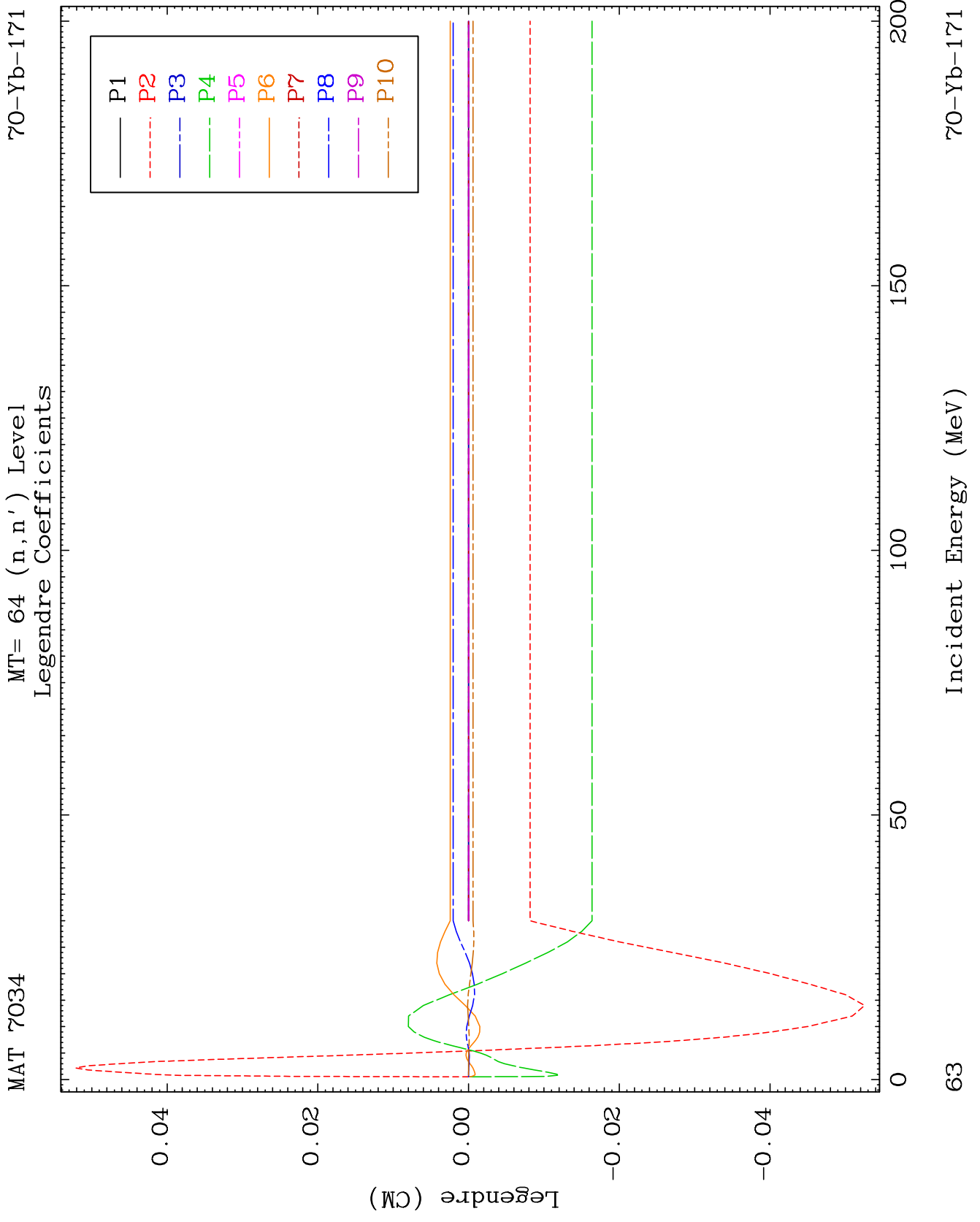
70-Yb-171



62

Incident Energy (MeV)

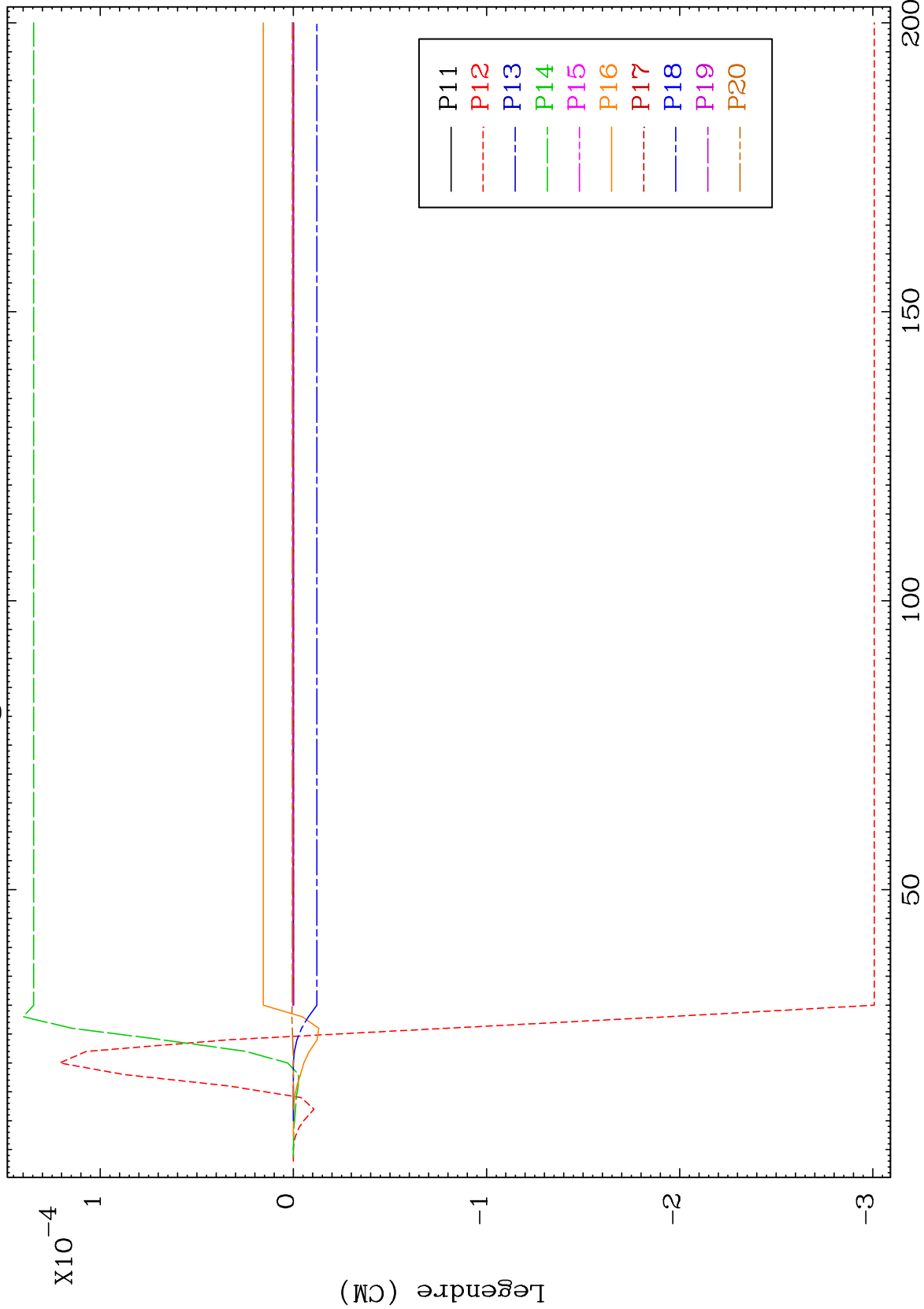
70-Yb-171



MAT 7034

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

70-Yb-171



64

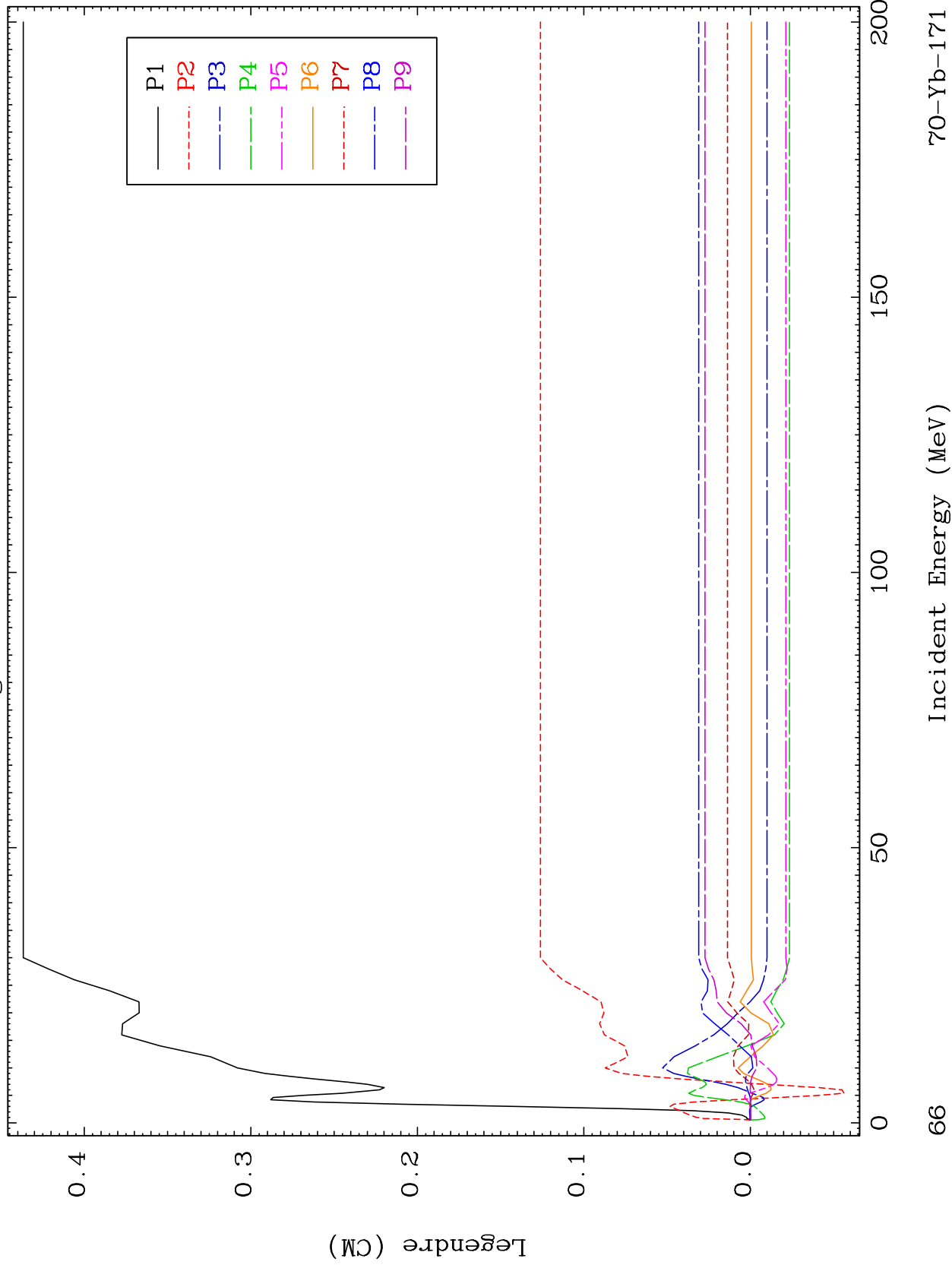
Incident Energy (MeV)

70-Yb-171

MAT 7034

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

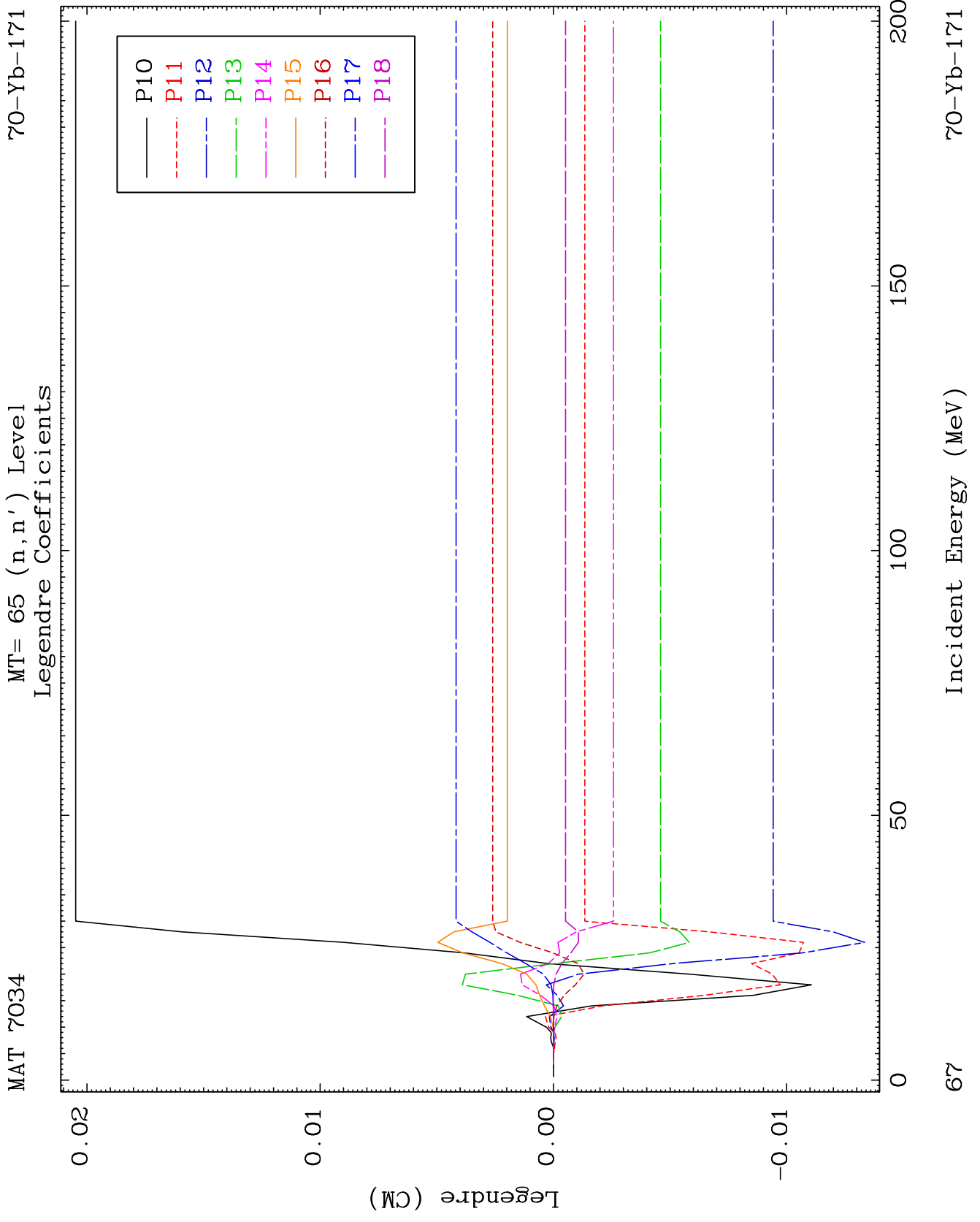
70-Yb-171



66

Incident Energy (MeV)

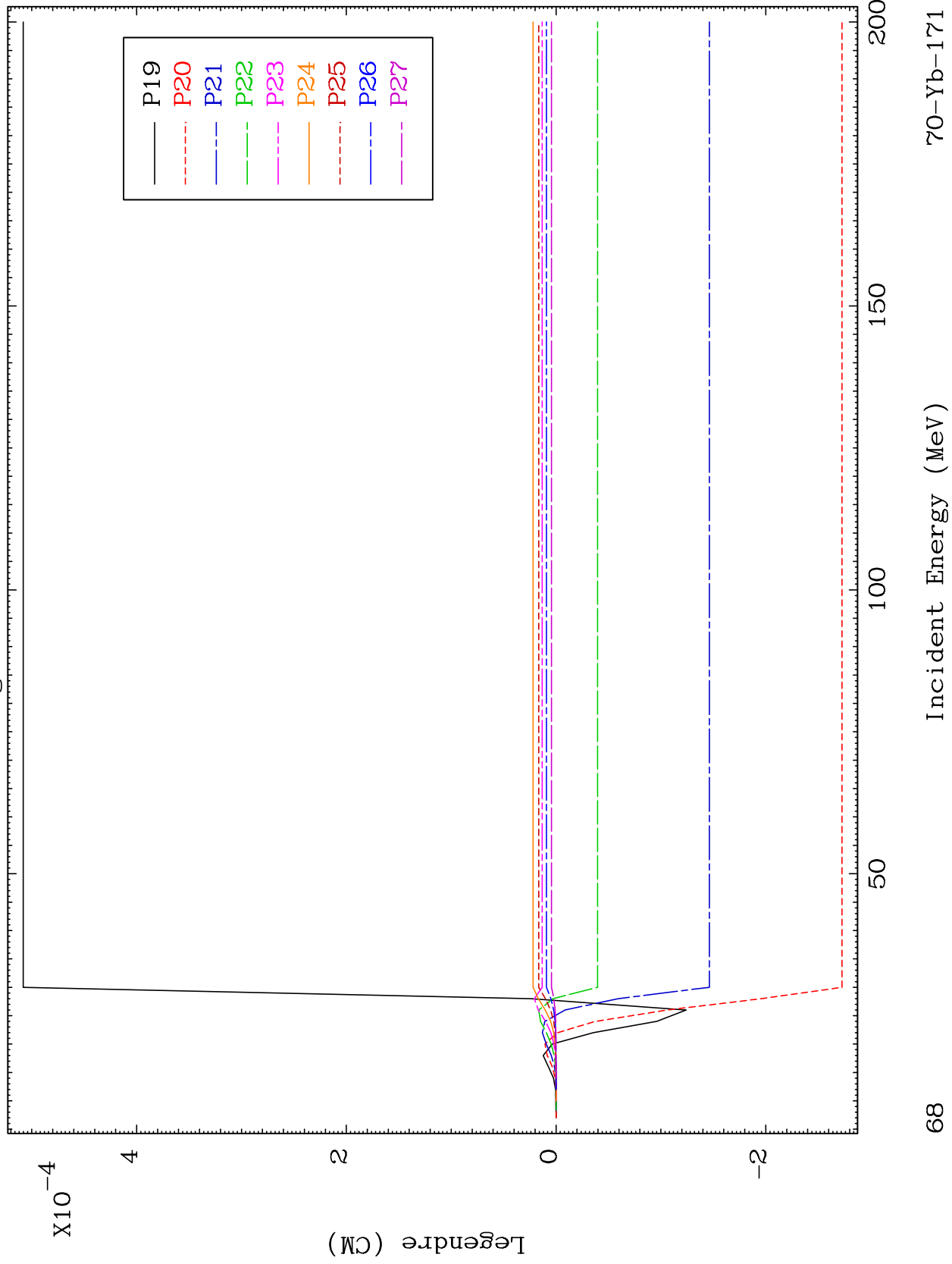
70-Yb-171



MAT 7034

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

70-Yb-171



68

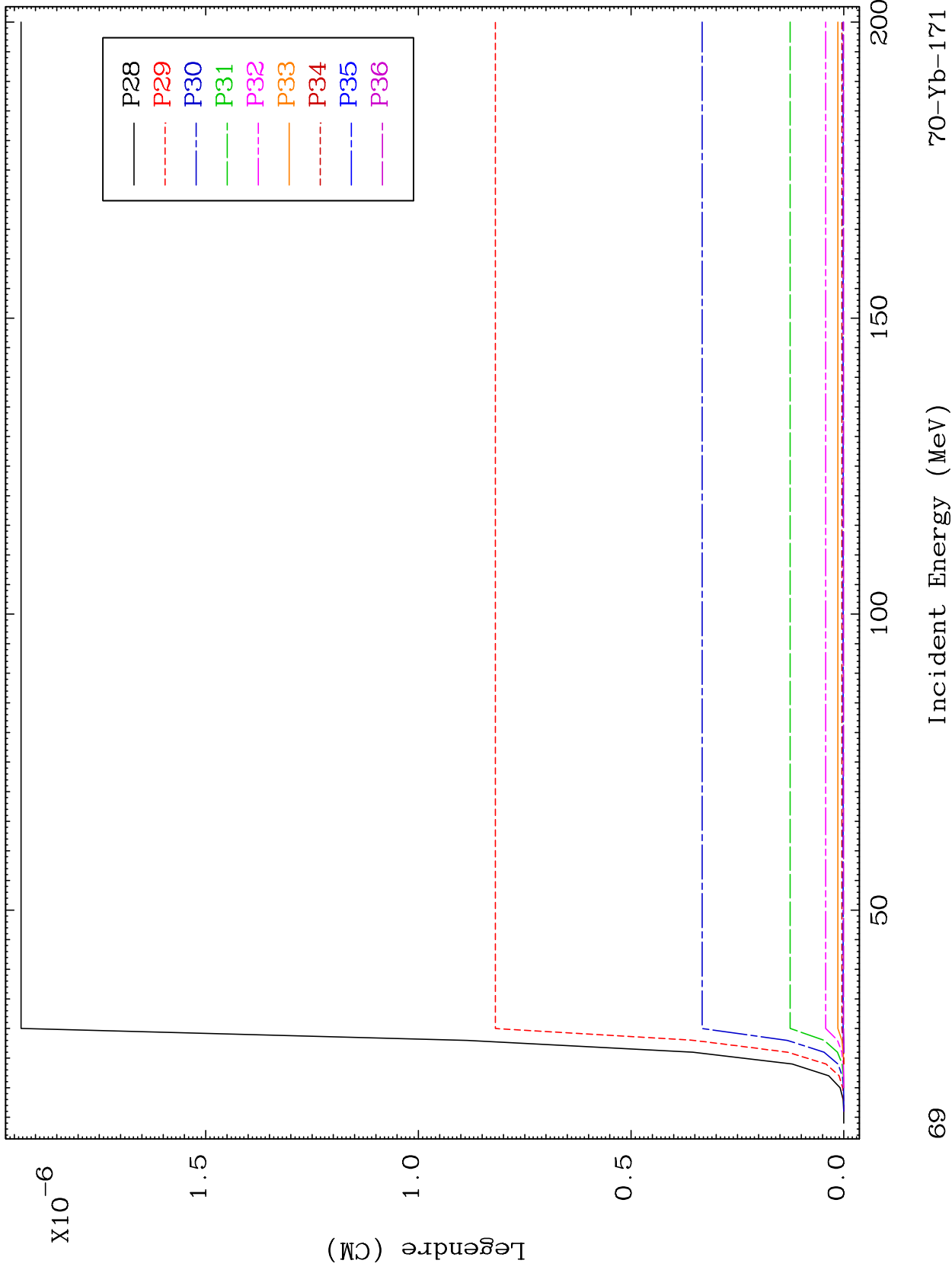
Incident Energy (MeV)

70-Yb-171

MAT 7034

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

70-Yb-171

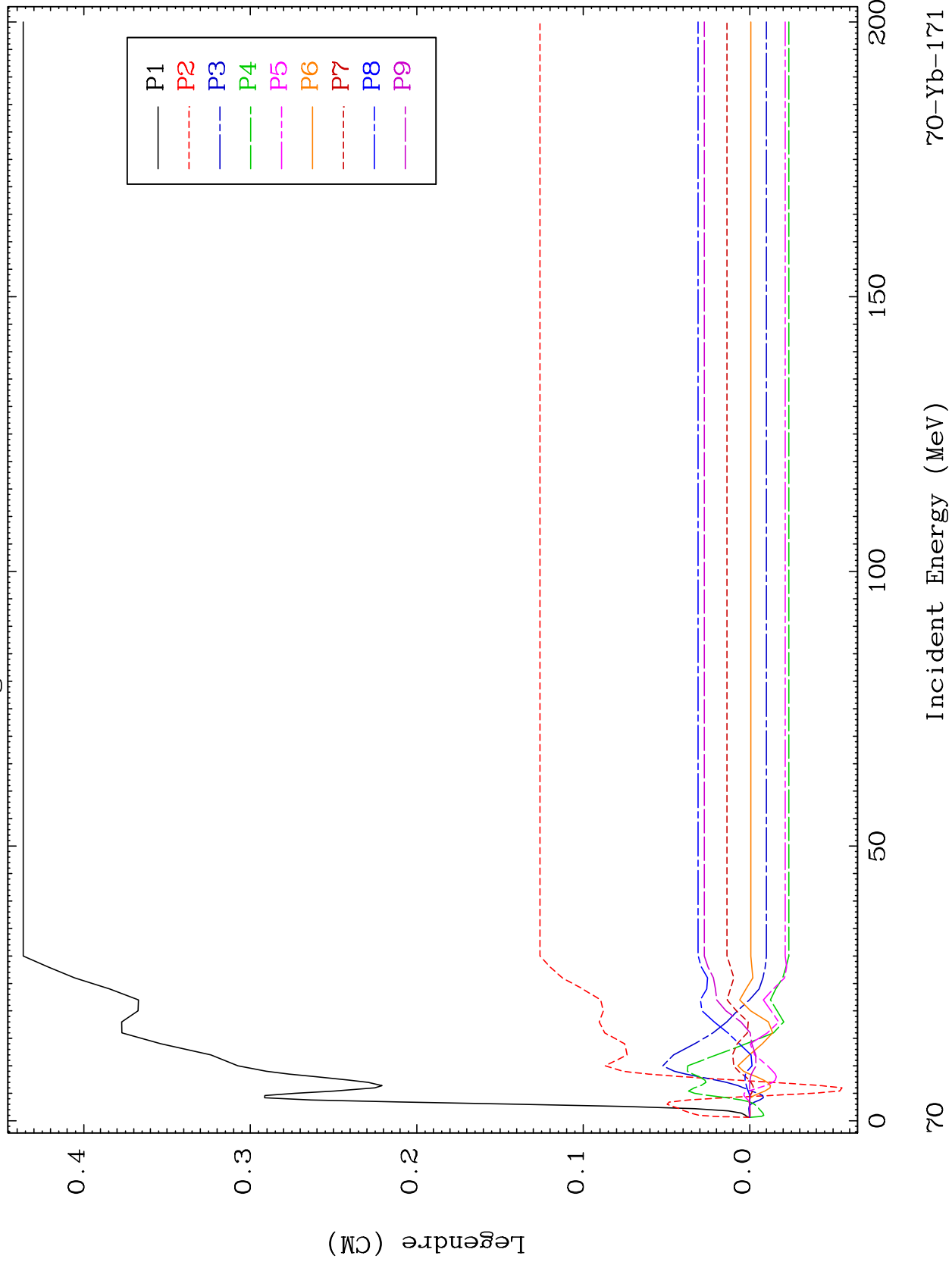


69

MAT 7034

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

70-Yb-171



70-Yb-171

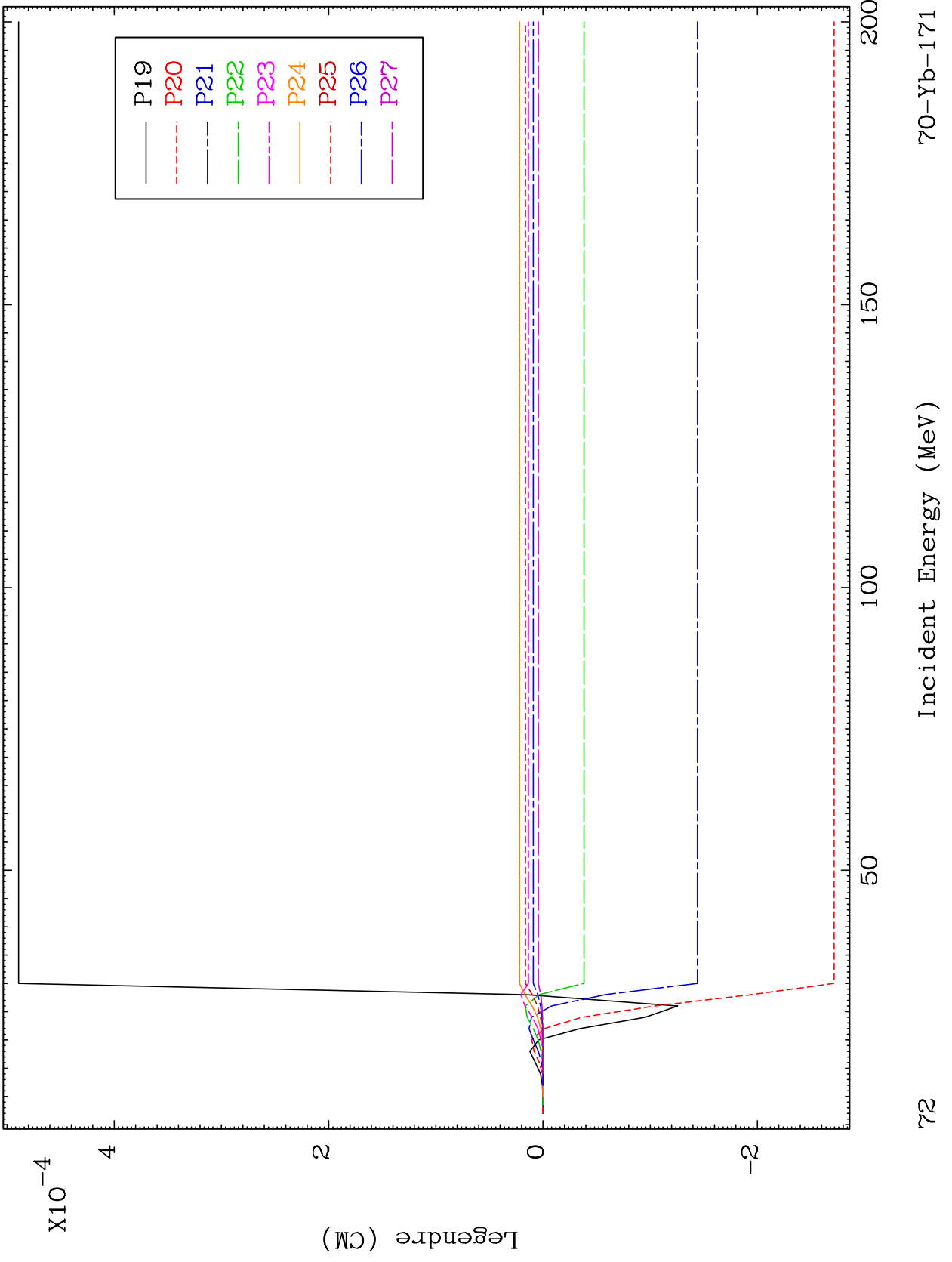
Incident Energy (MeV)

70

MAT 7034

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

70-Yb-171

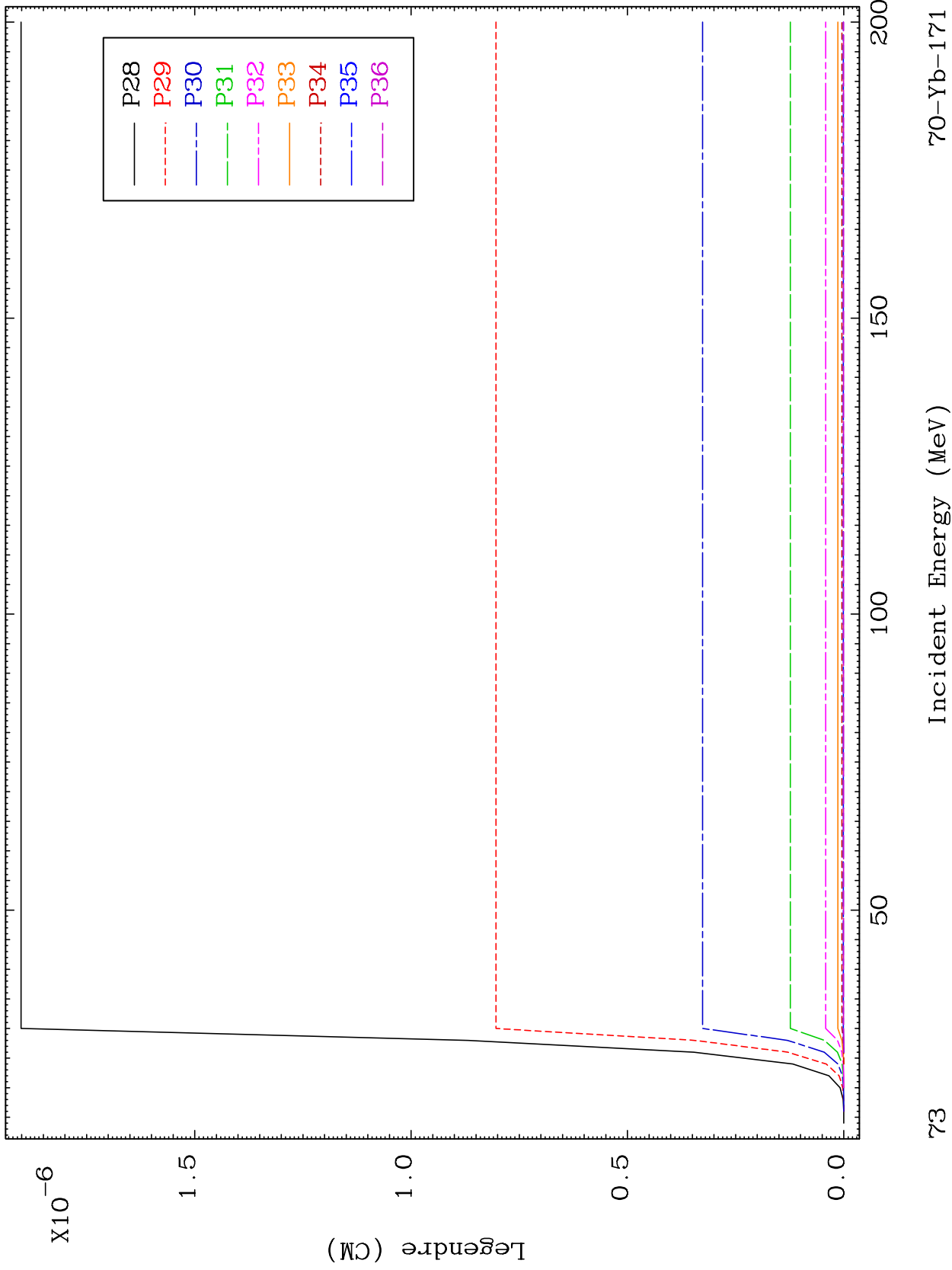


72

MAT 7034

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

70-Yb-171

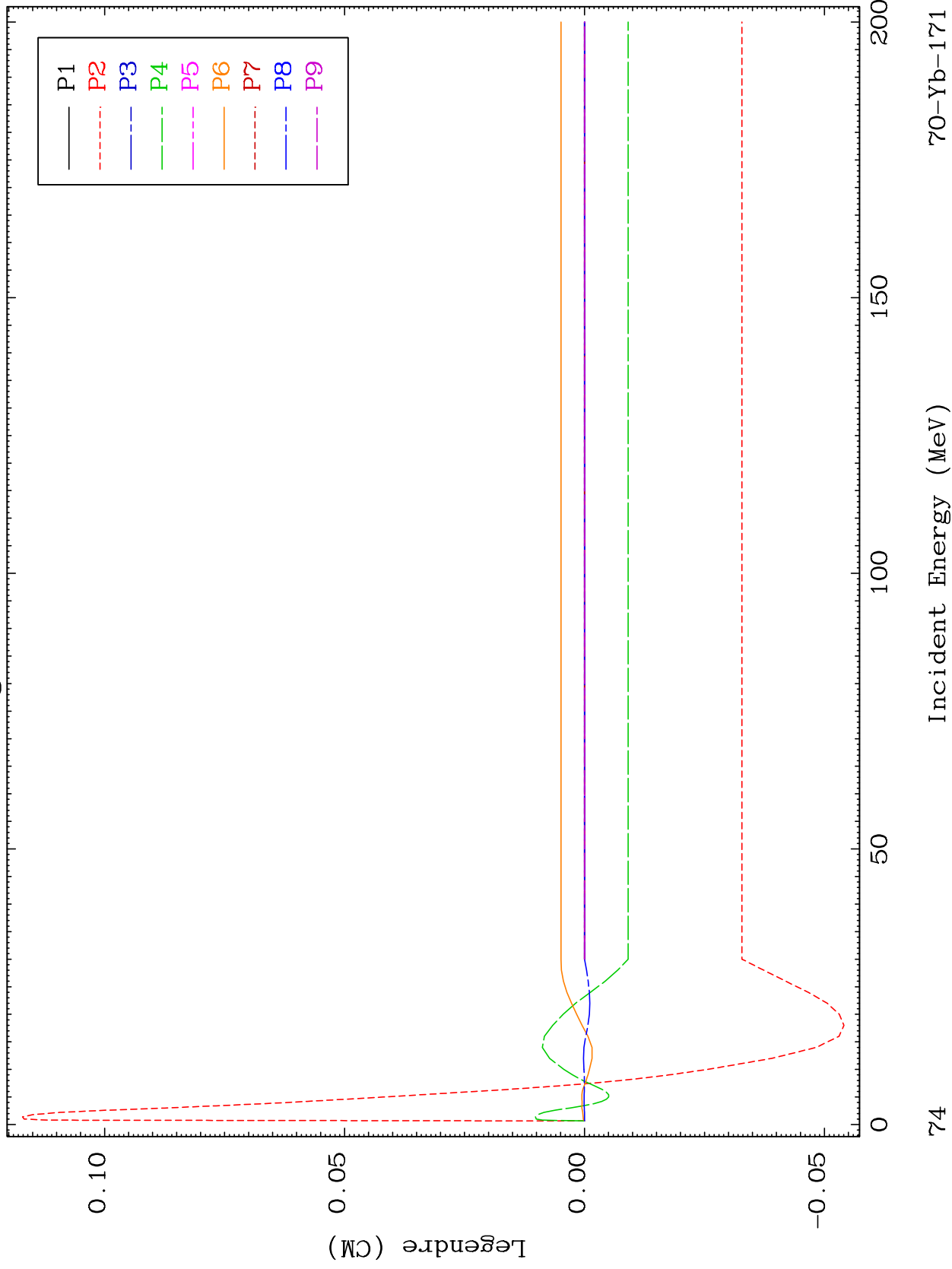


73

MAT 7034

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

70-Yb-171



74

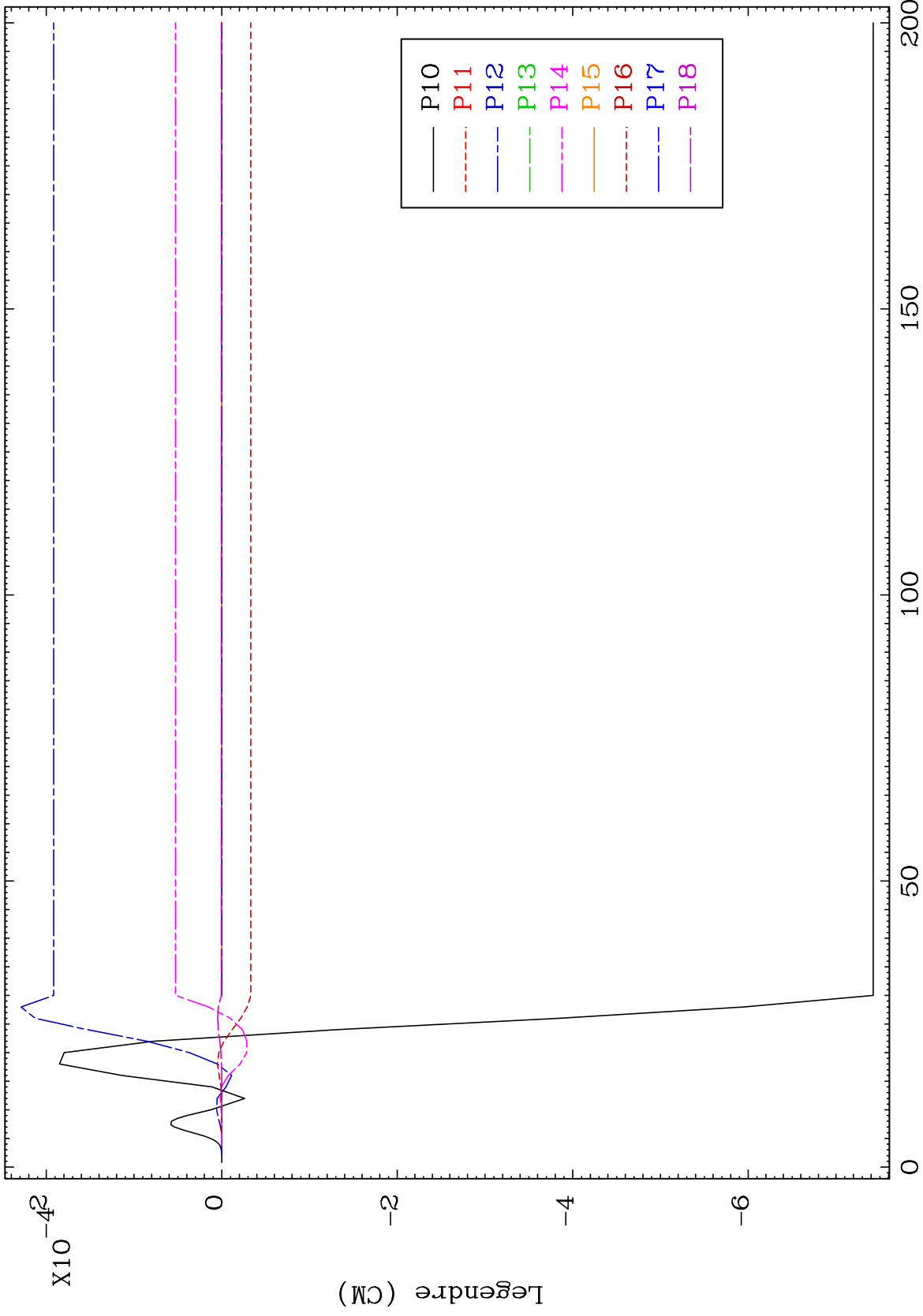
Incident Energy (MeV)

70-Yb-171

MAT 7034

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

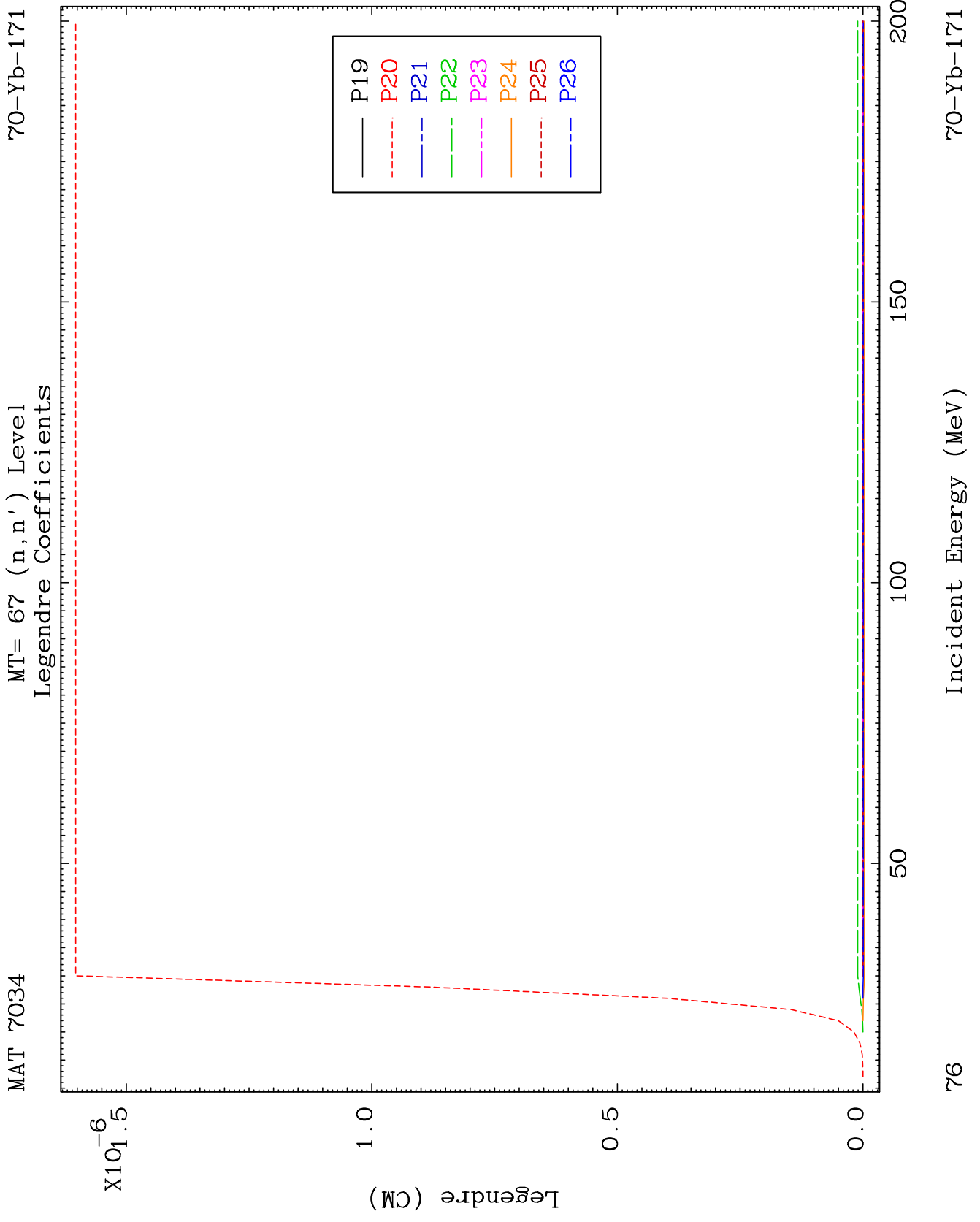
70-Yb-171

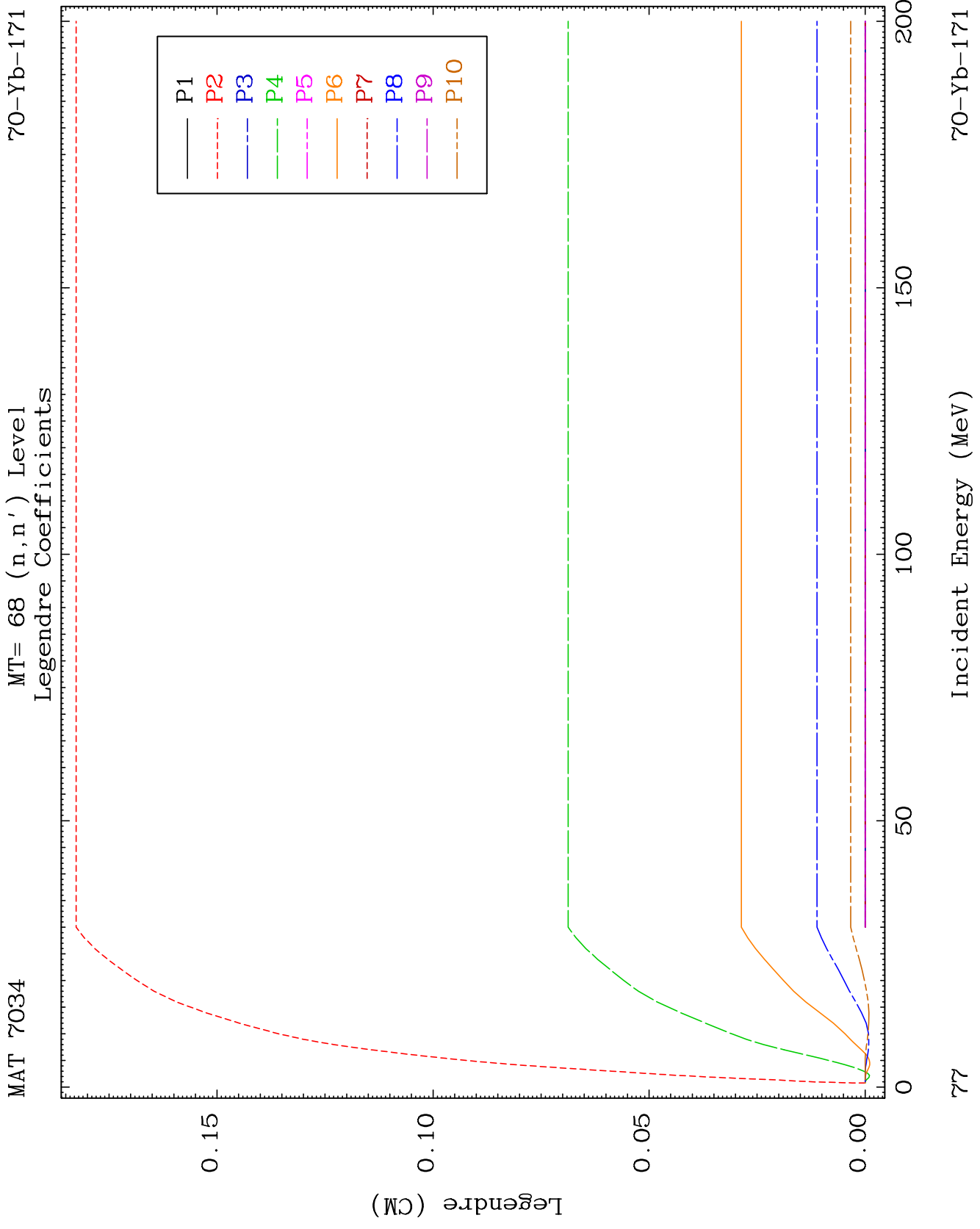


75

Incident Energy (MeV)

70-Yb-171

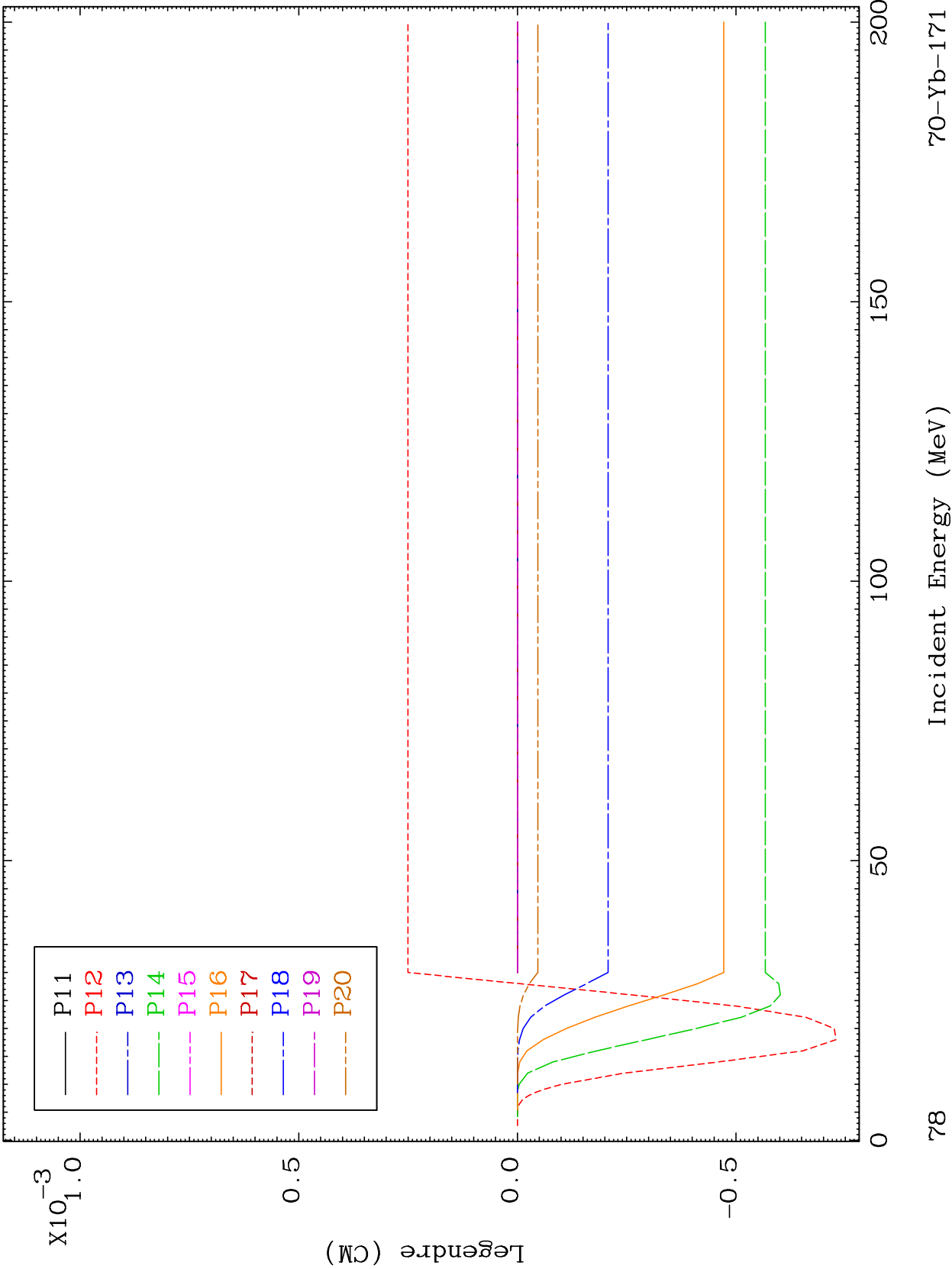




MAT 7034

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

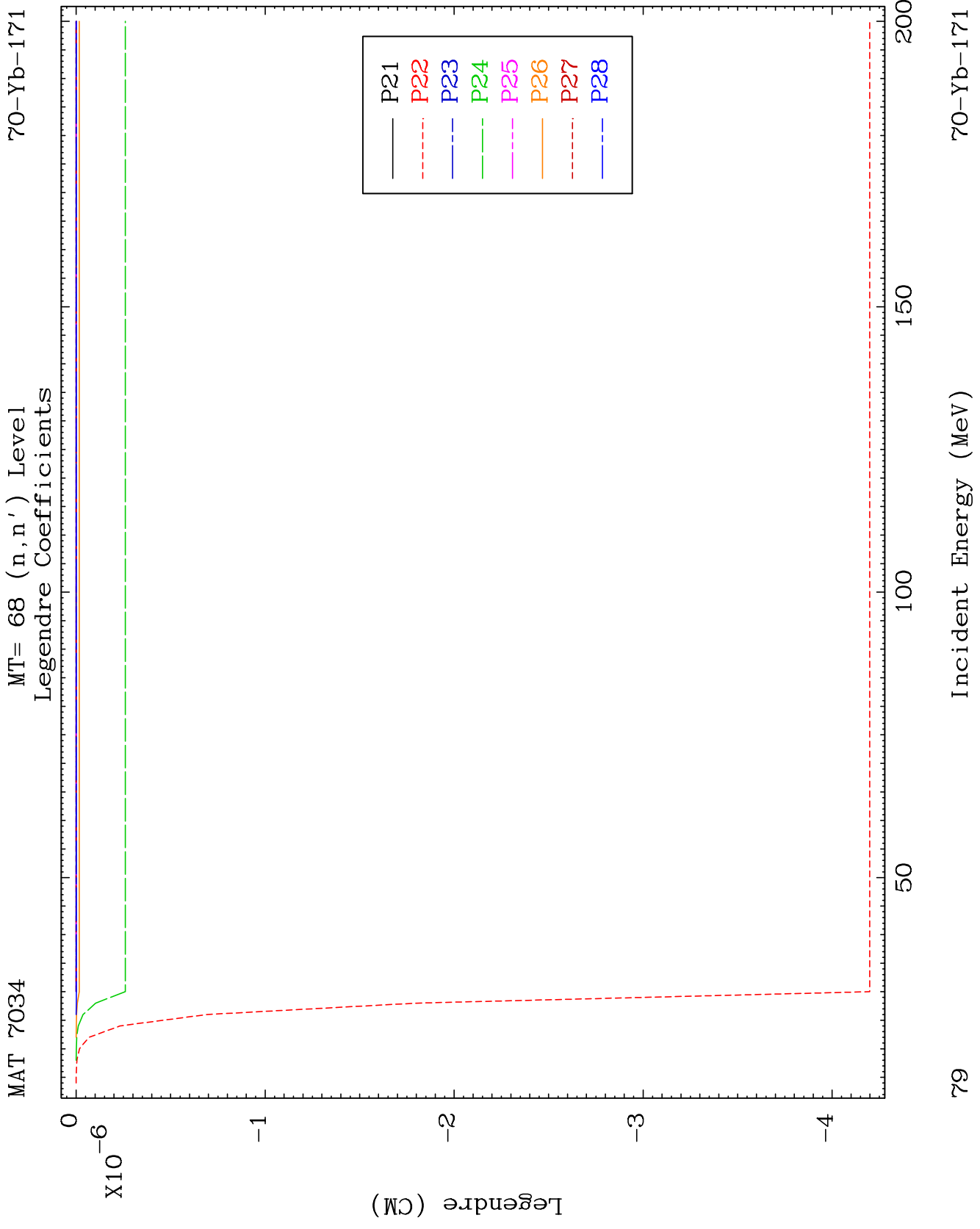
70-Yb-171

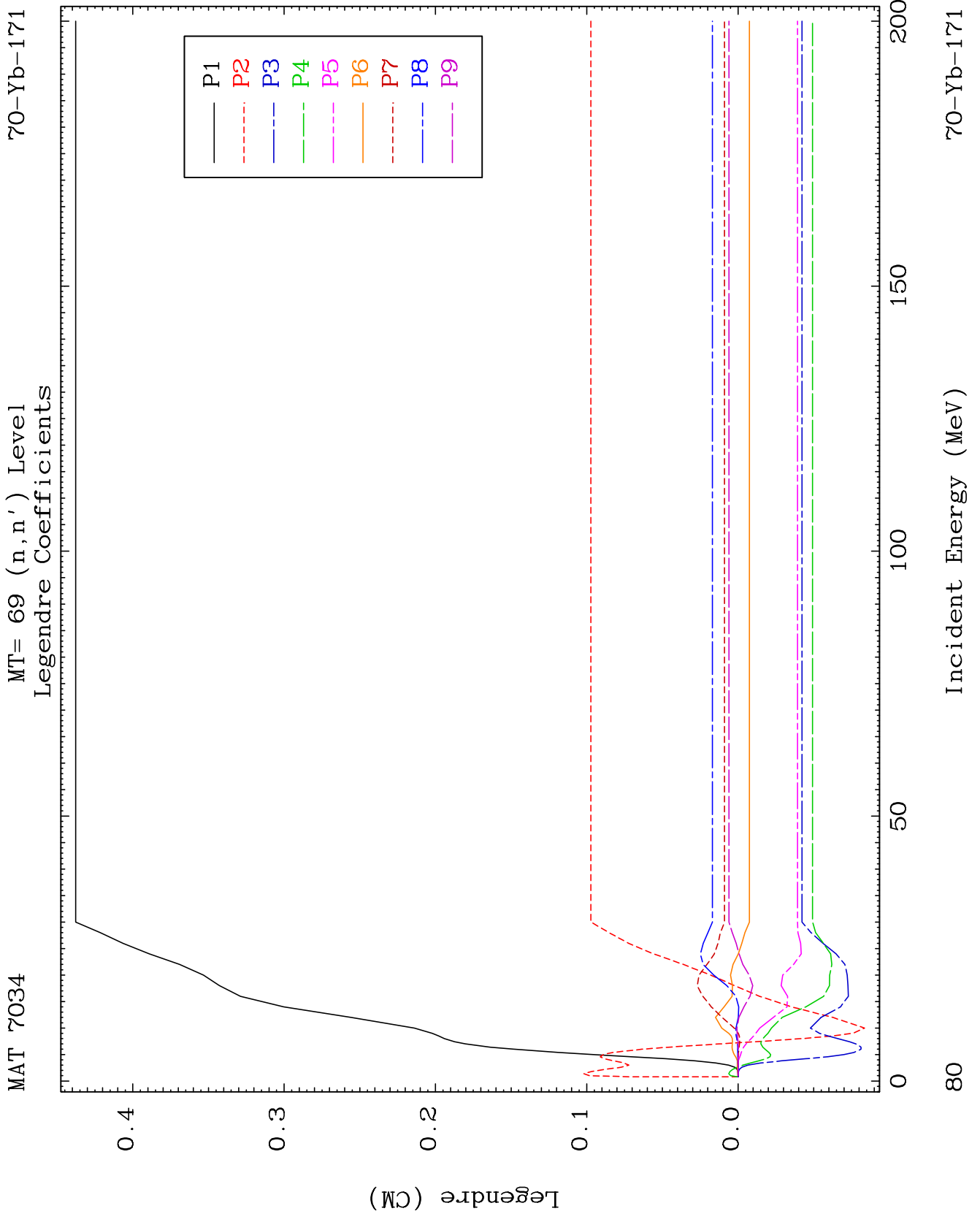


78

Incident Energy (MeV)

70-Yb-171

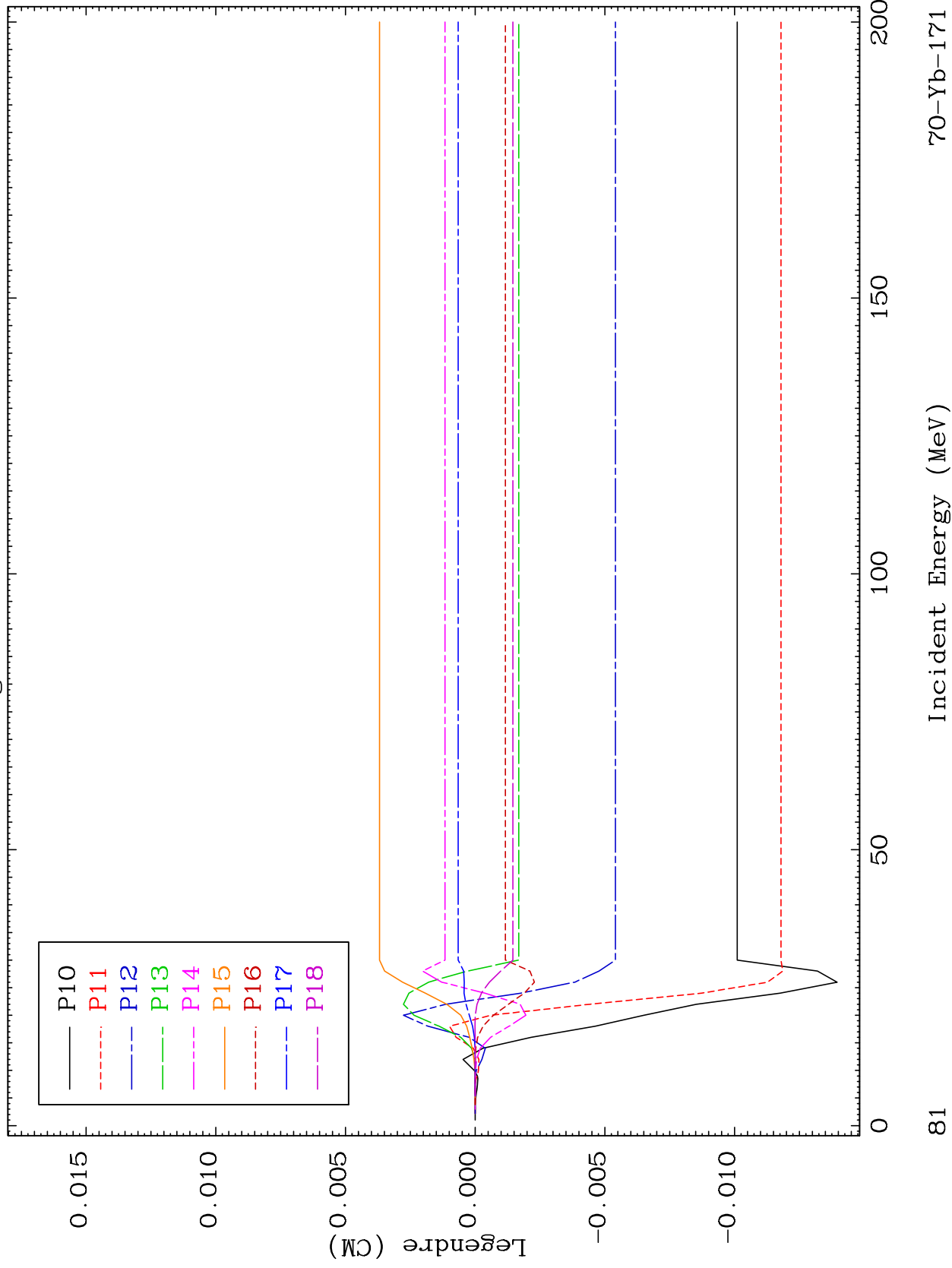




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70-Yb-171

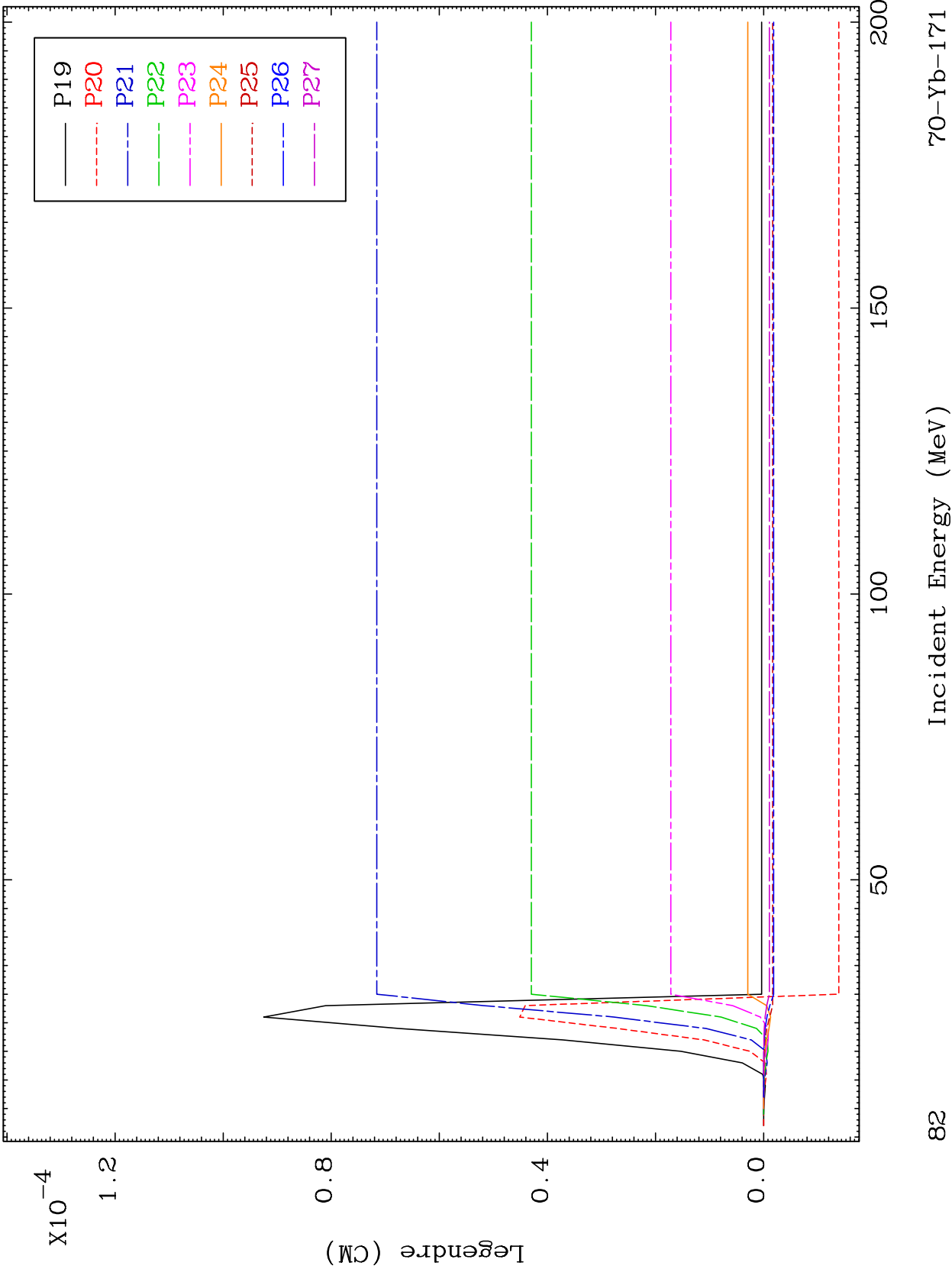
MT= 69 (n,n') Level
Legendre Coefficients



MAT 7034

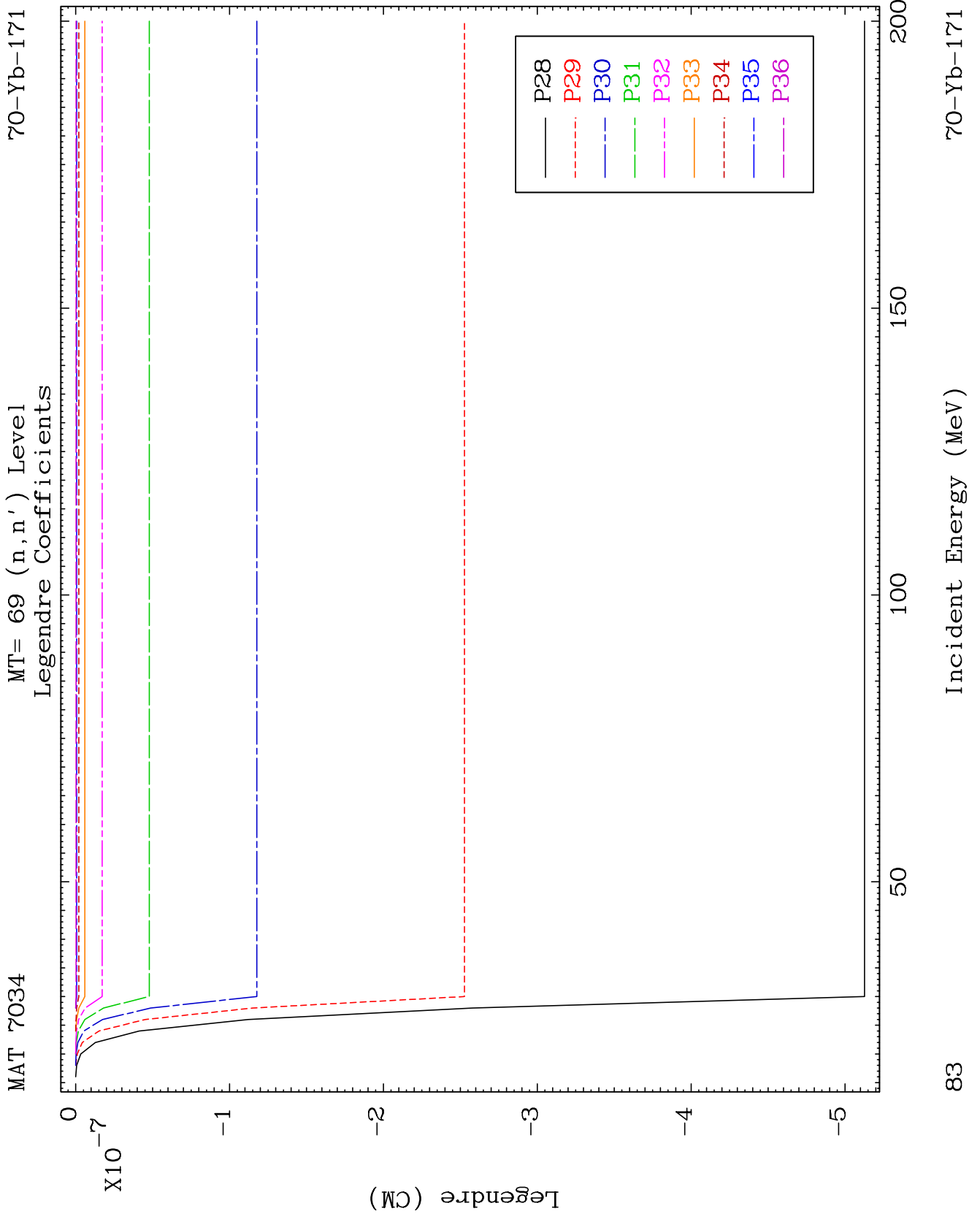
MT= 69 (n,n') Level
Legendre Coefficients

70-Yb-171



82

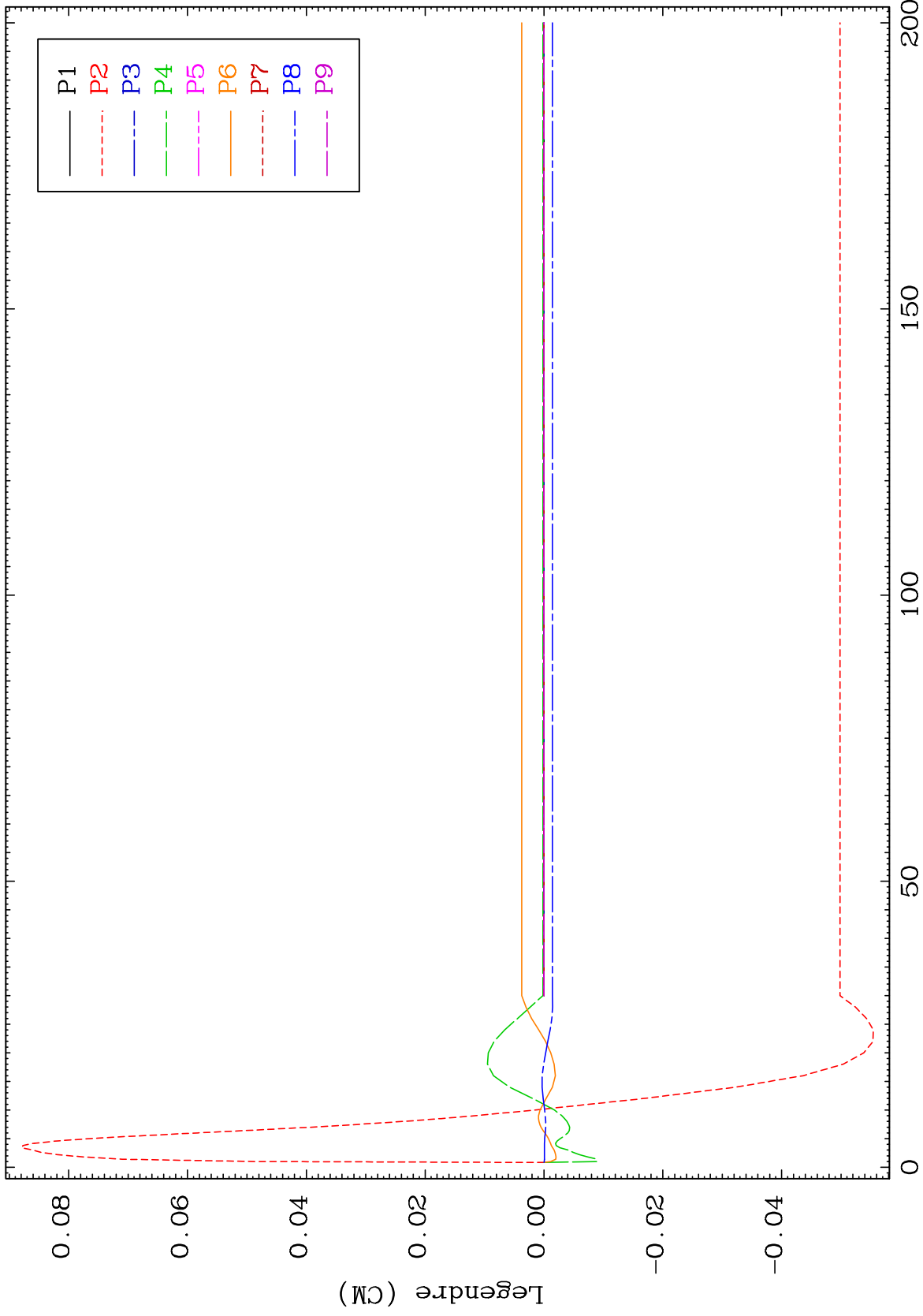
70-Yb-171



MAT 7034

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

70-Yb-171



84

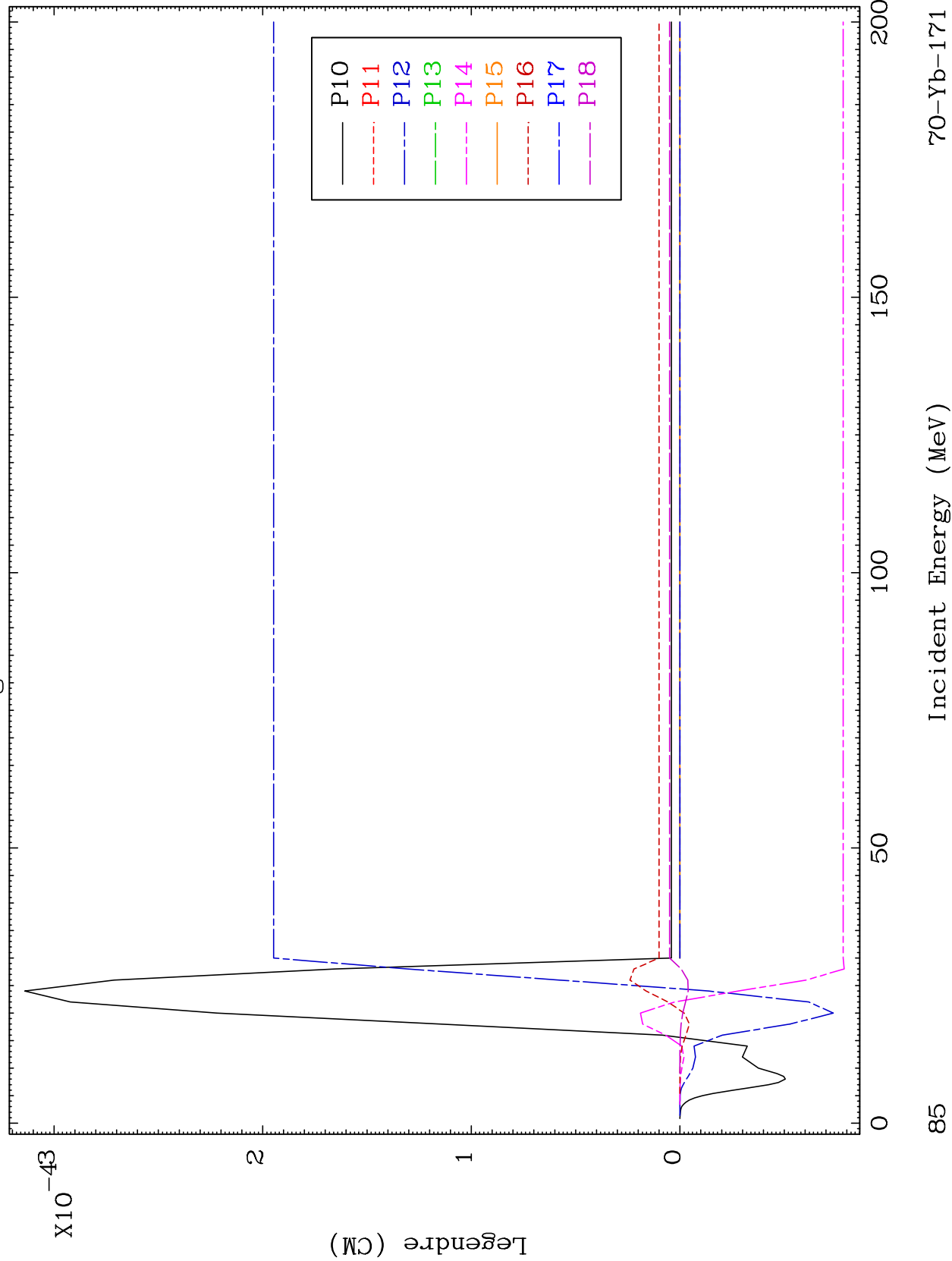
Incident Energy (MeV)

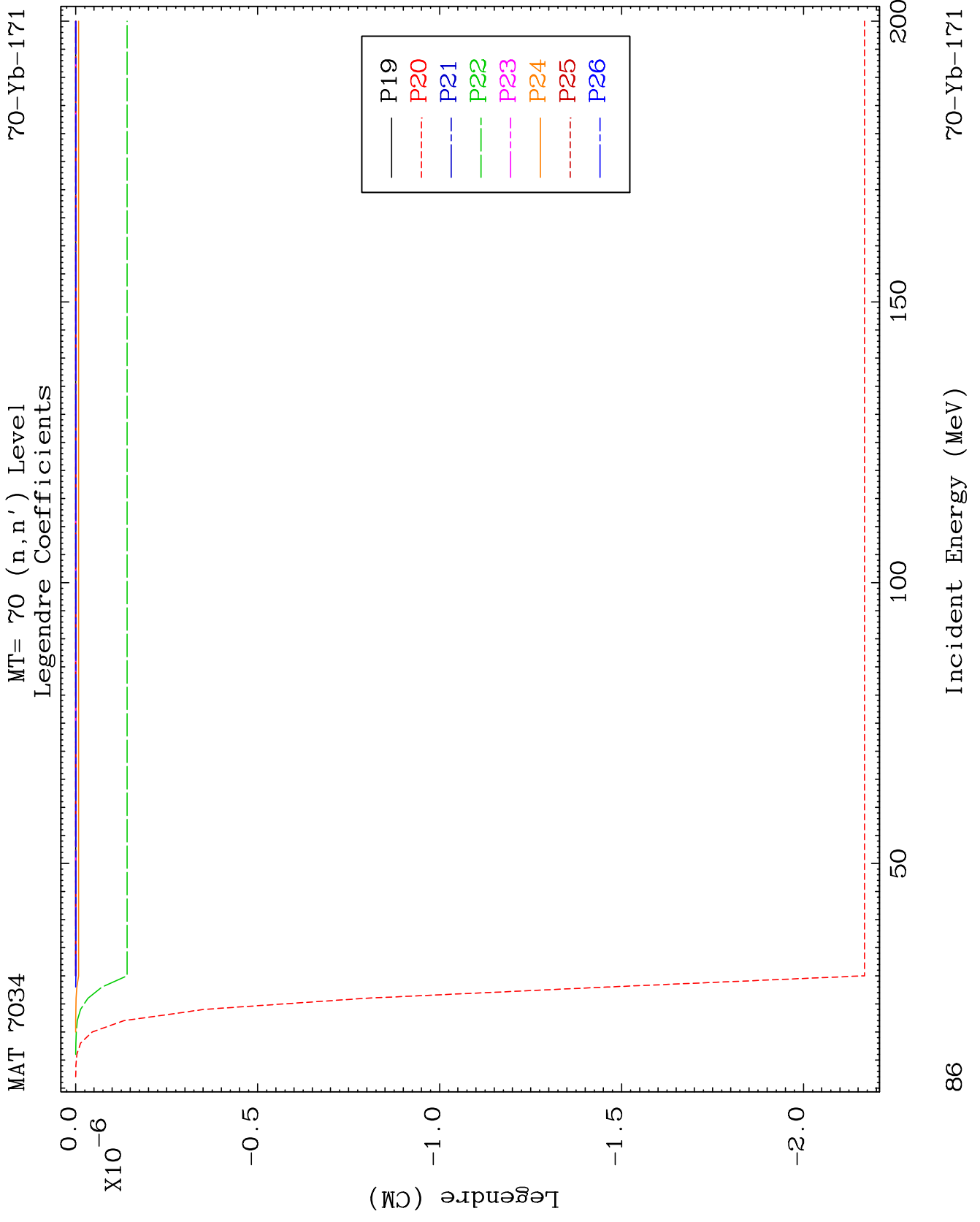
70-Yb-171

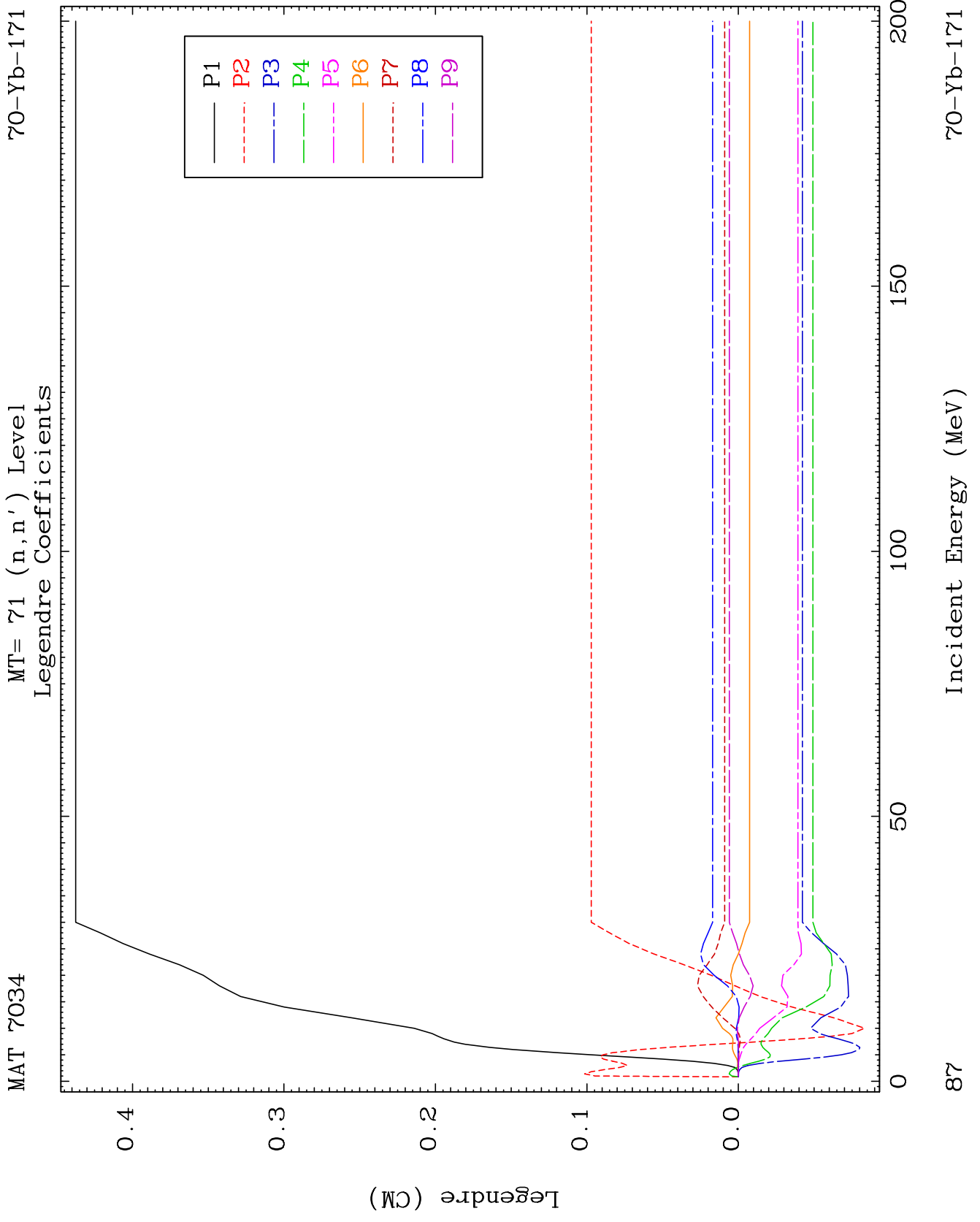
MAT 7034

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

70-Yb-171



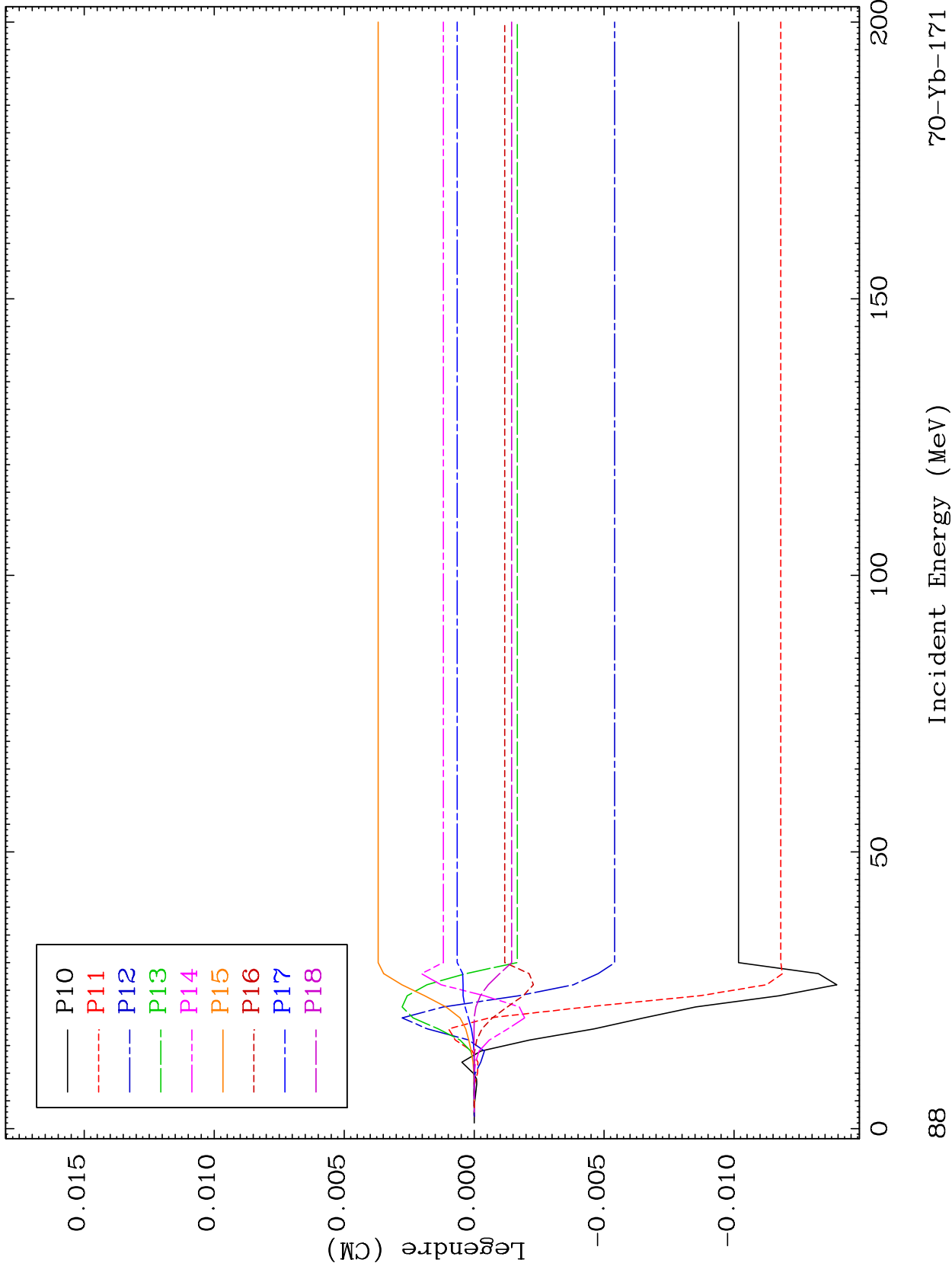




MAT 7034

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

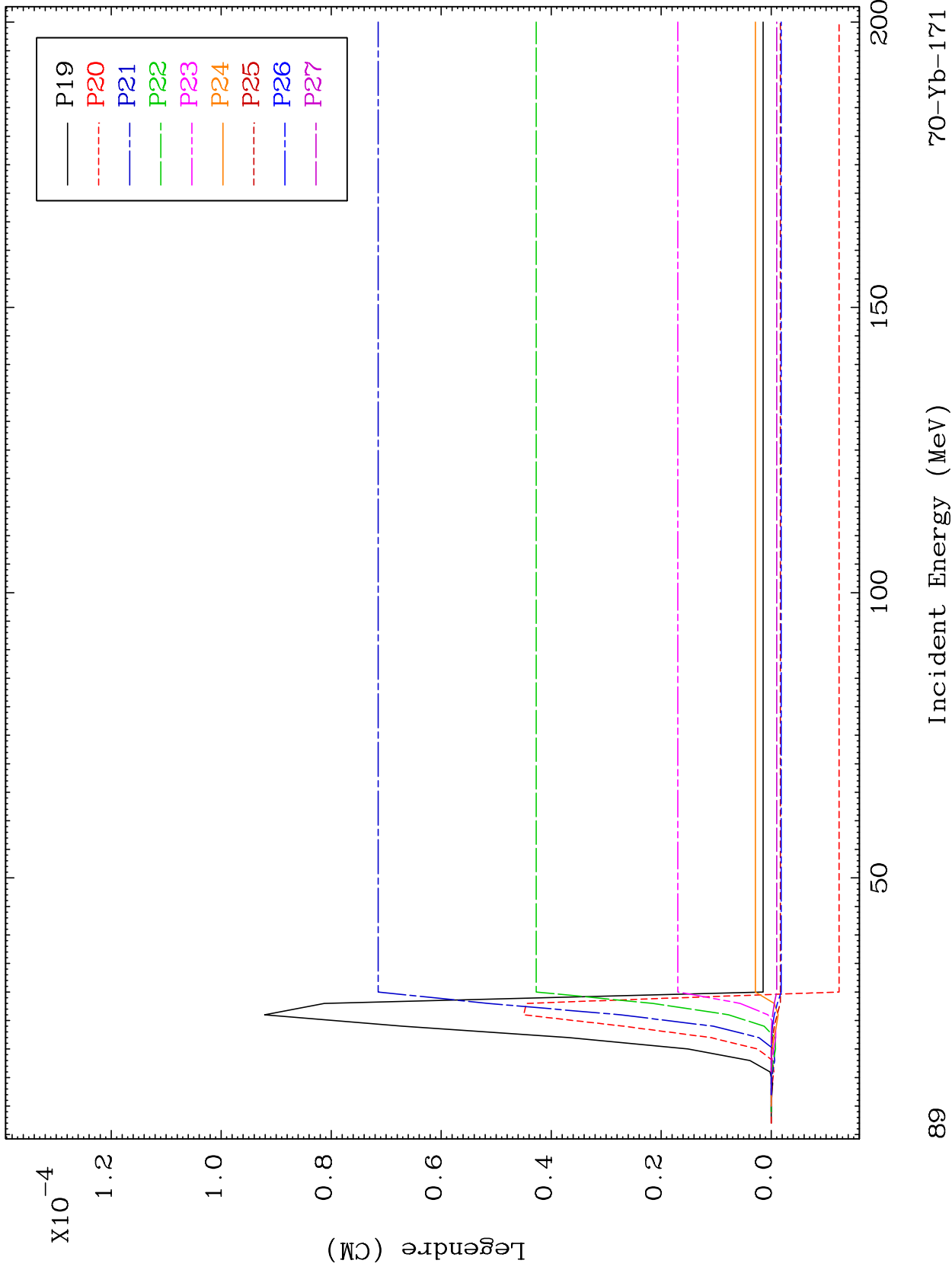
70-Yb-171

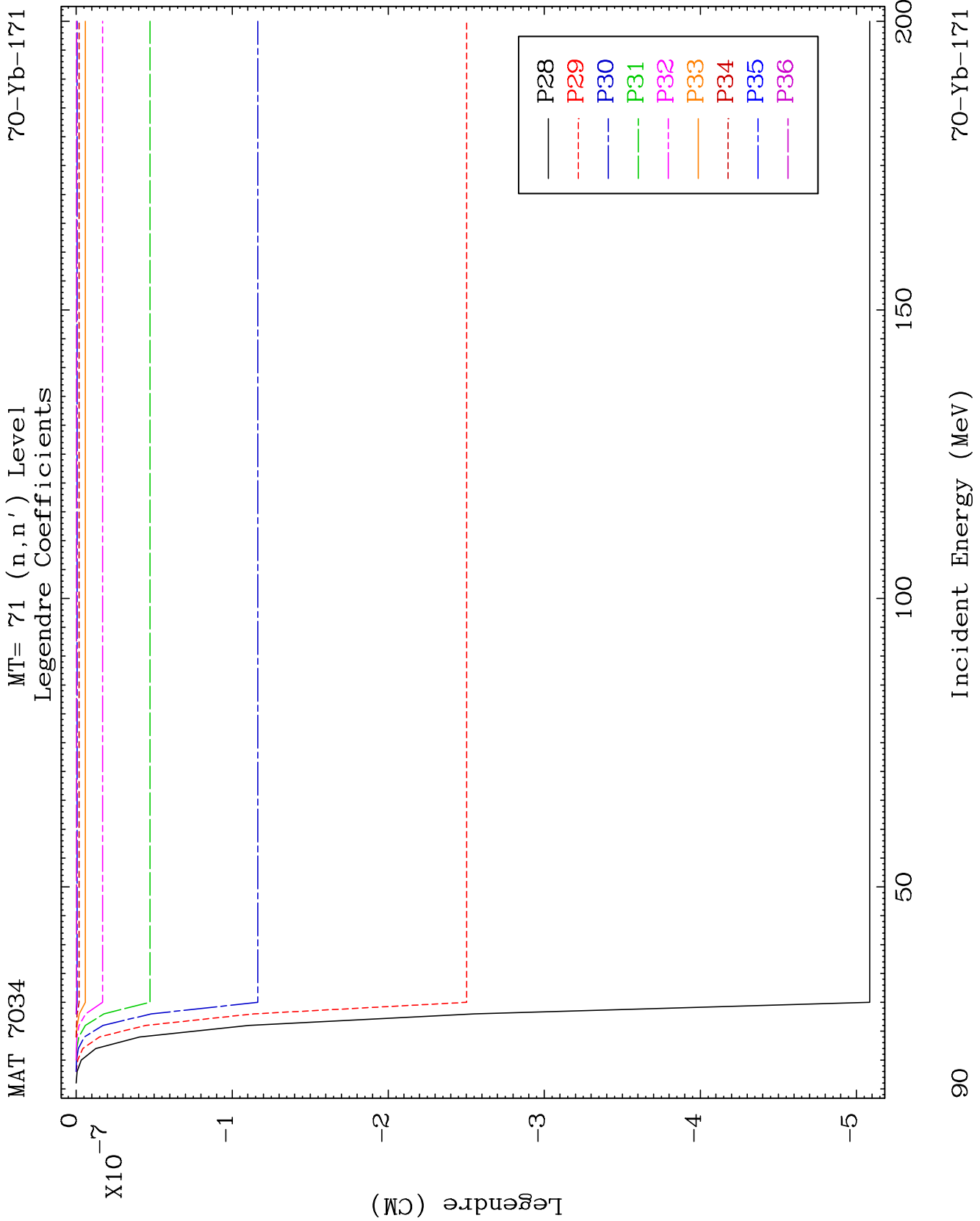


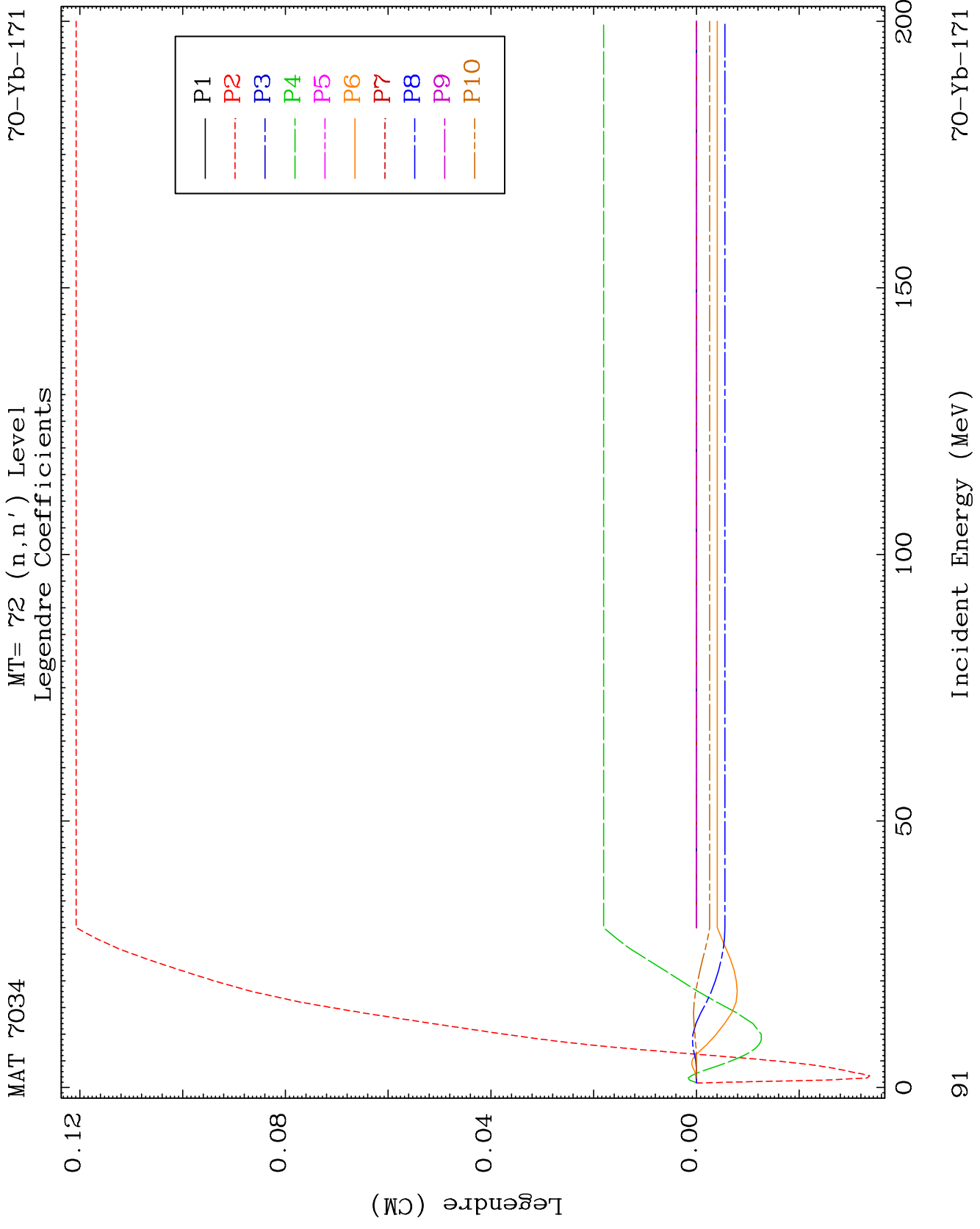
88

70-Yb-171

Incident Energy (MeV)



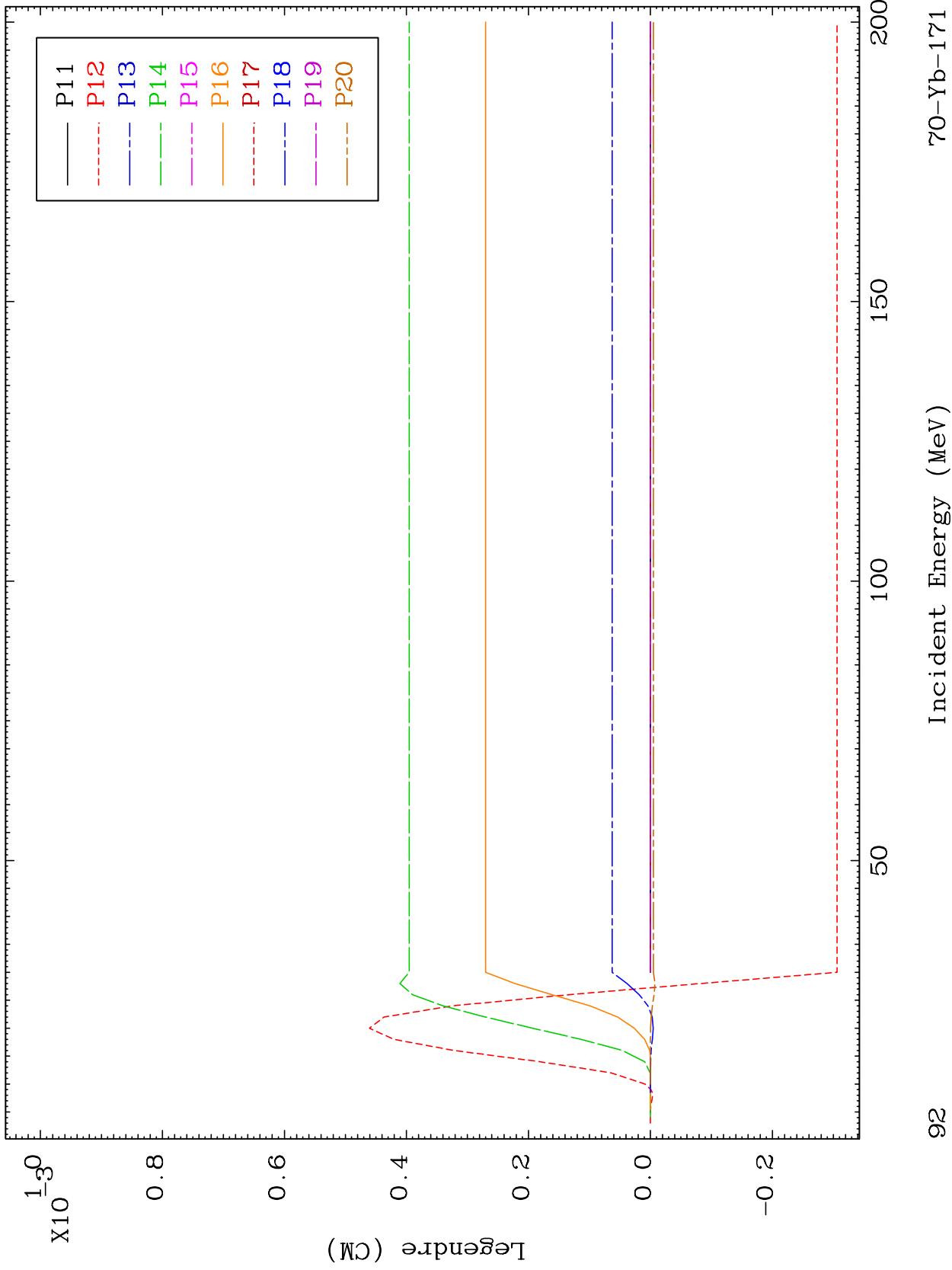




MAT 7034

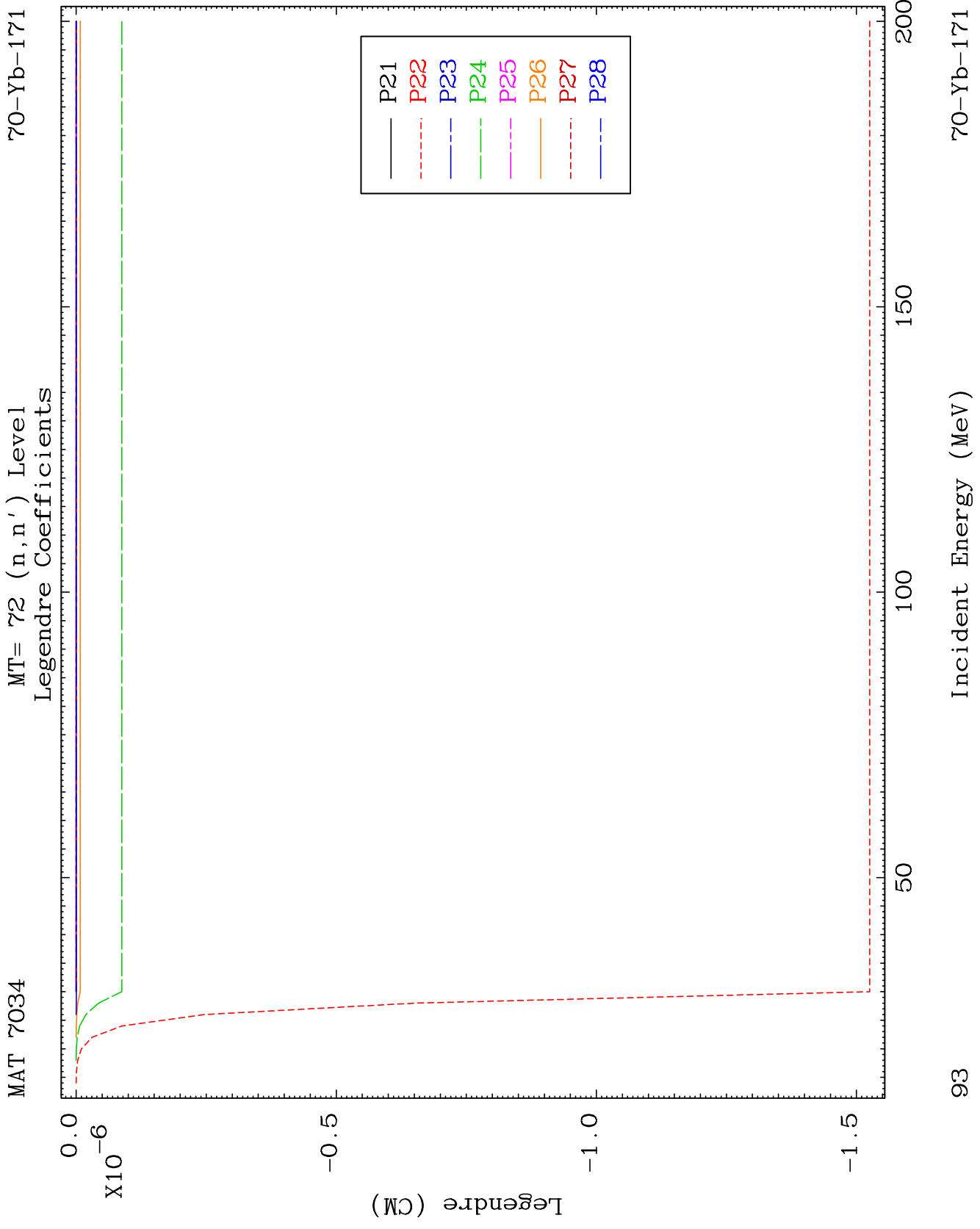
MT= 72 (n,n') Level
Legendre Coefficients

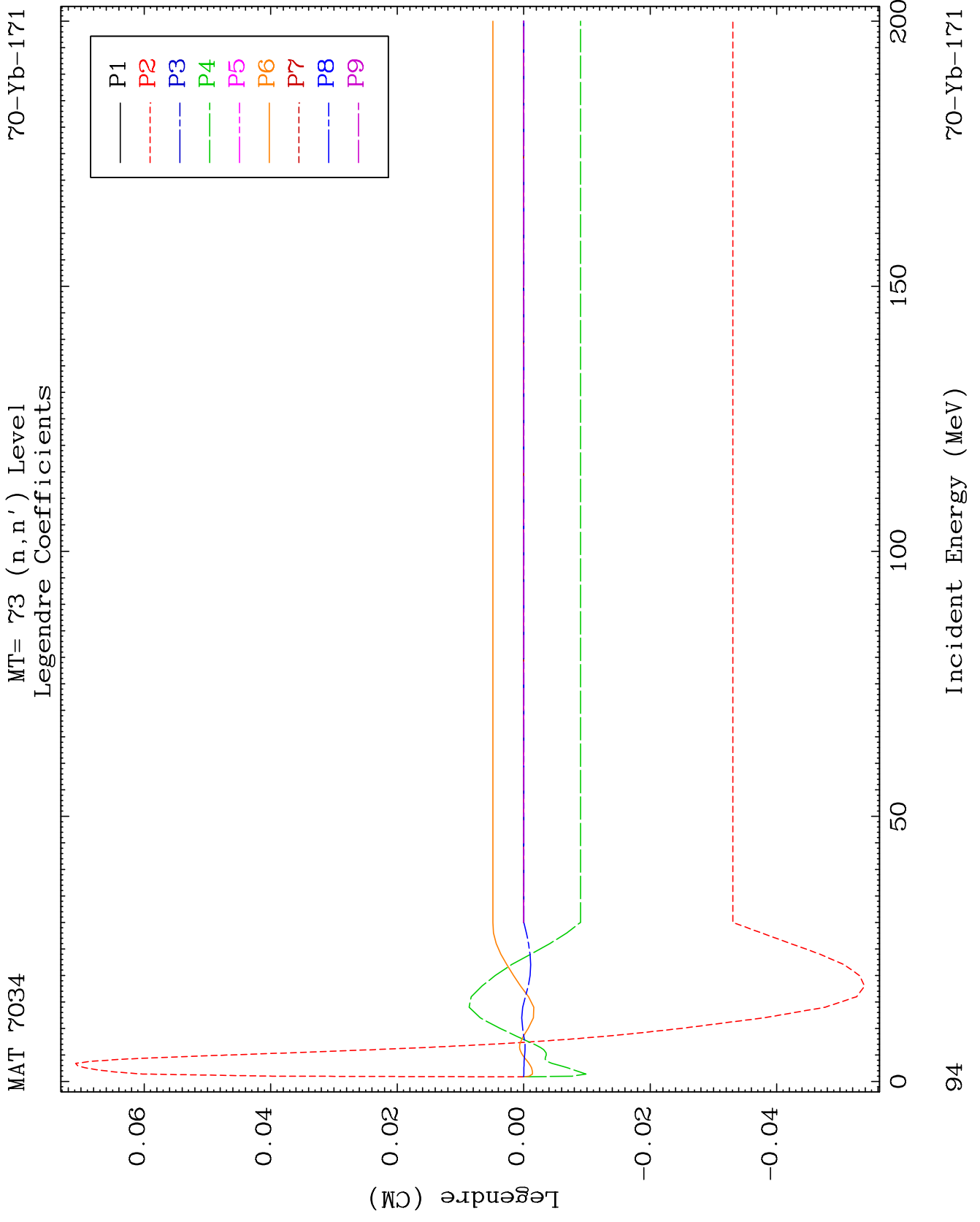
70-Yb-171



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70-Yb-171

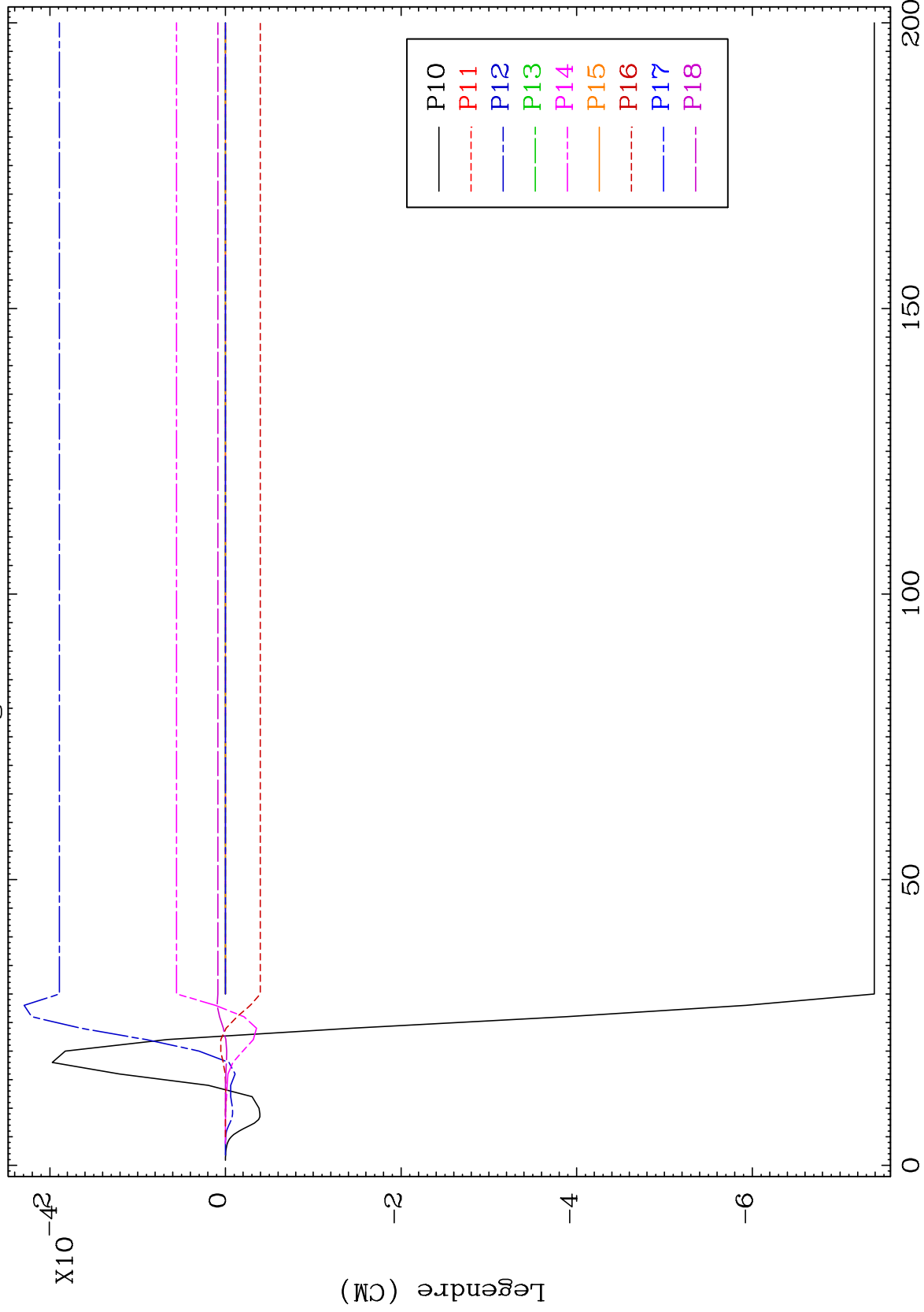




MAT 7034

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

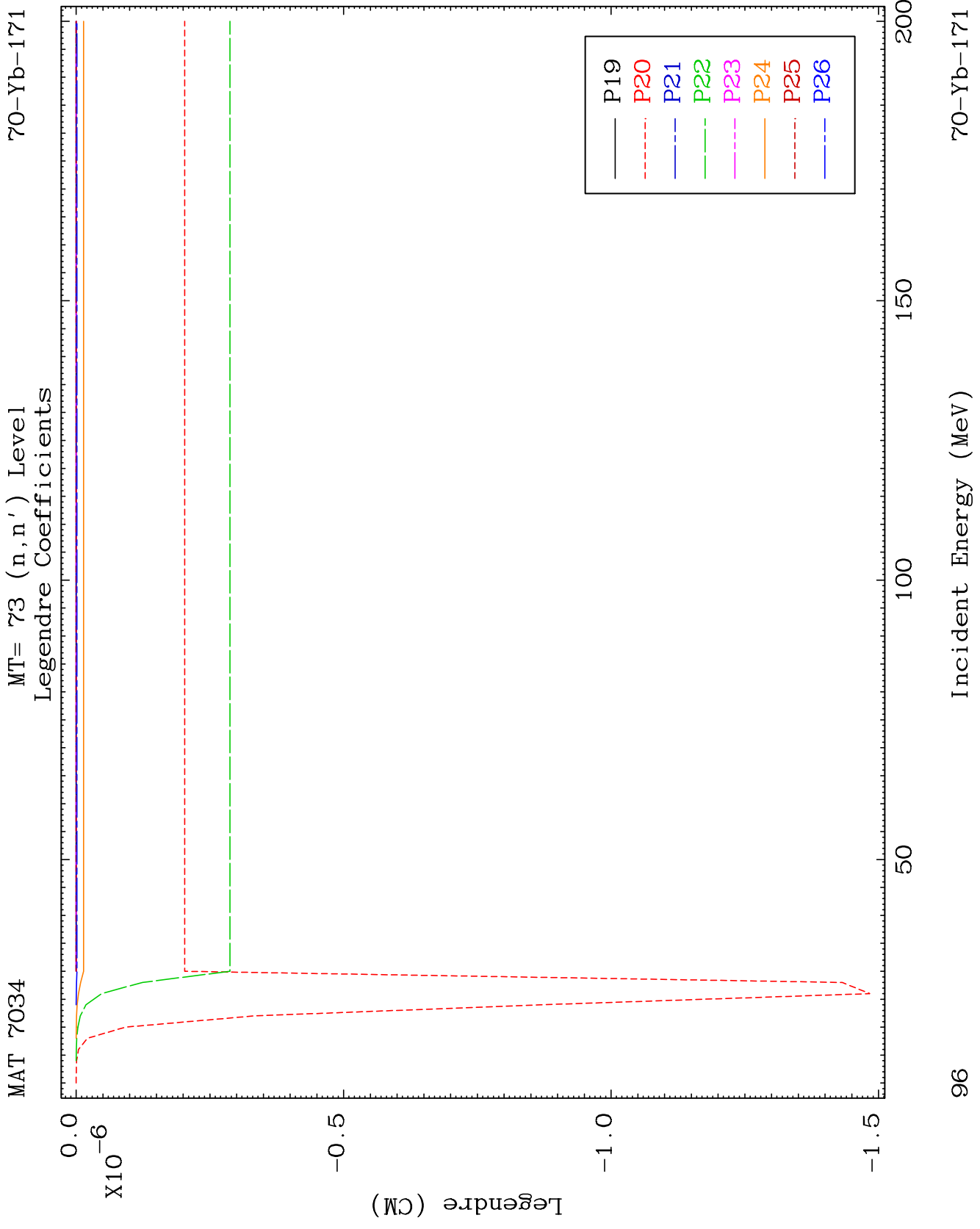
70-Yb-171

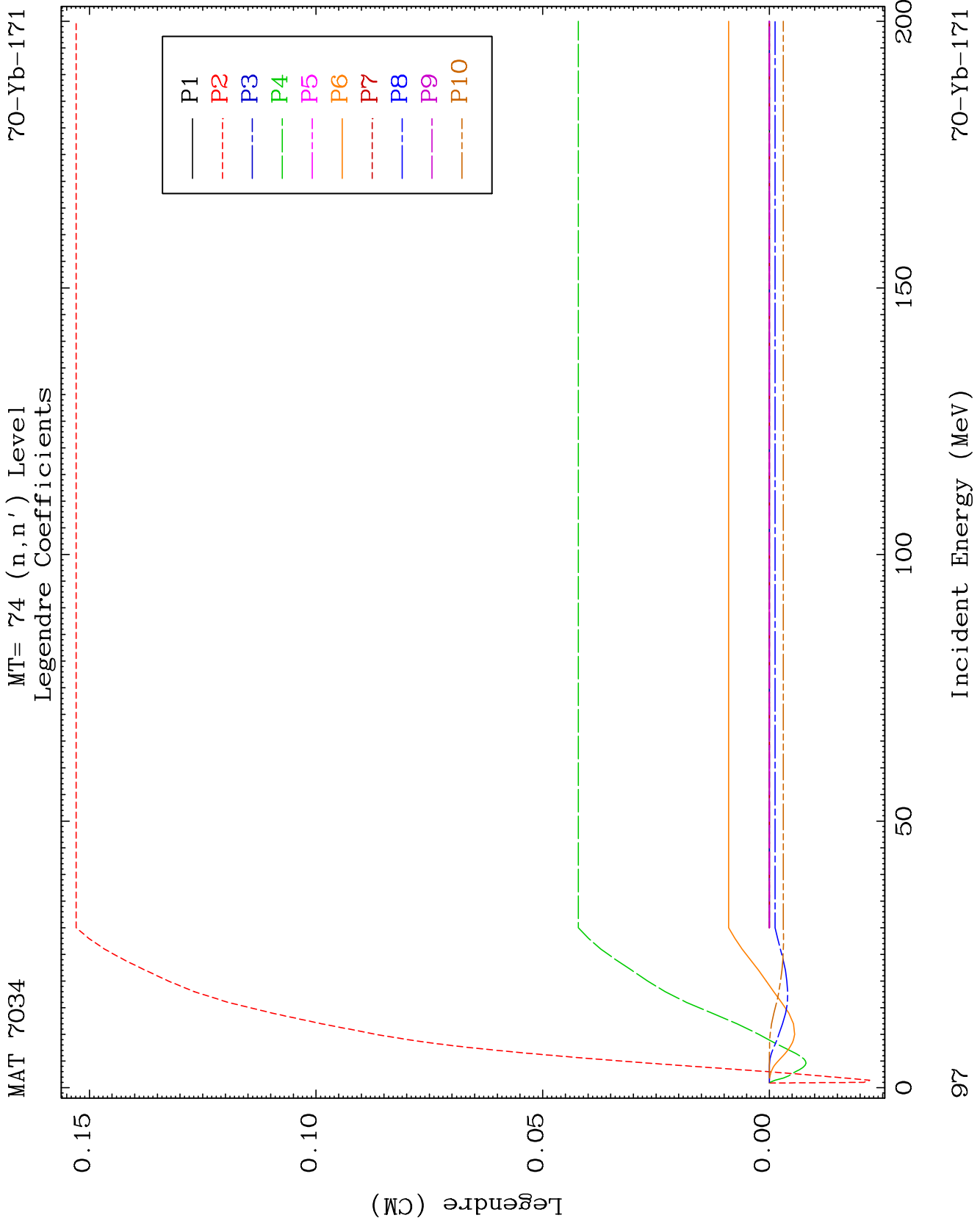


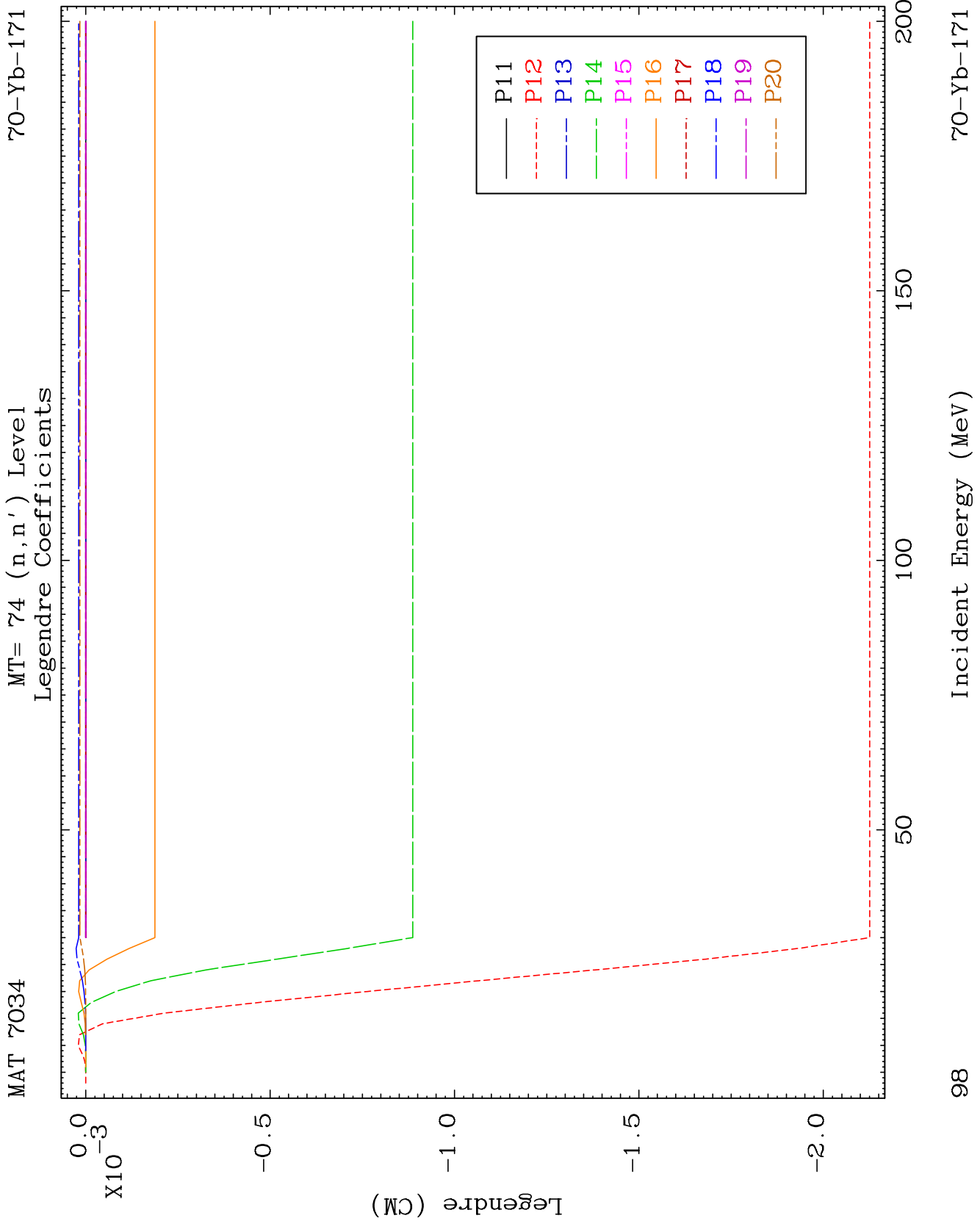
95

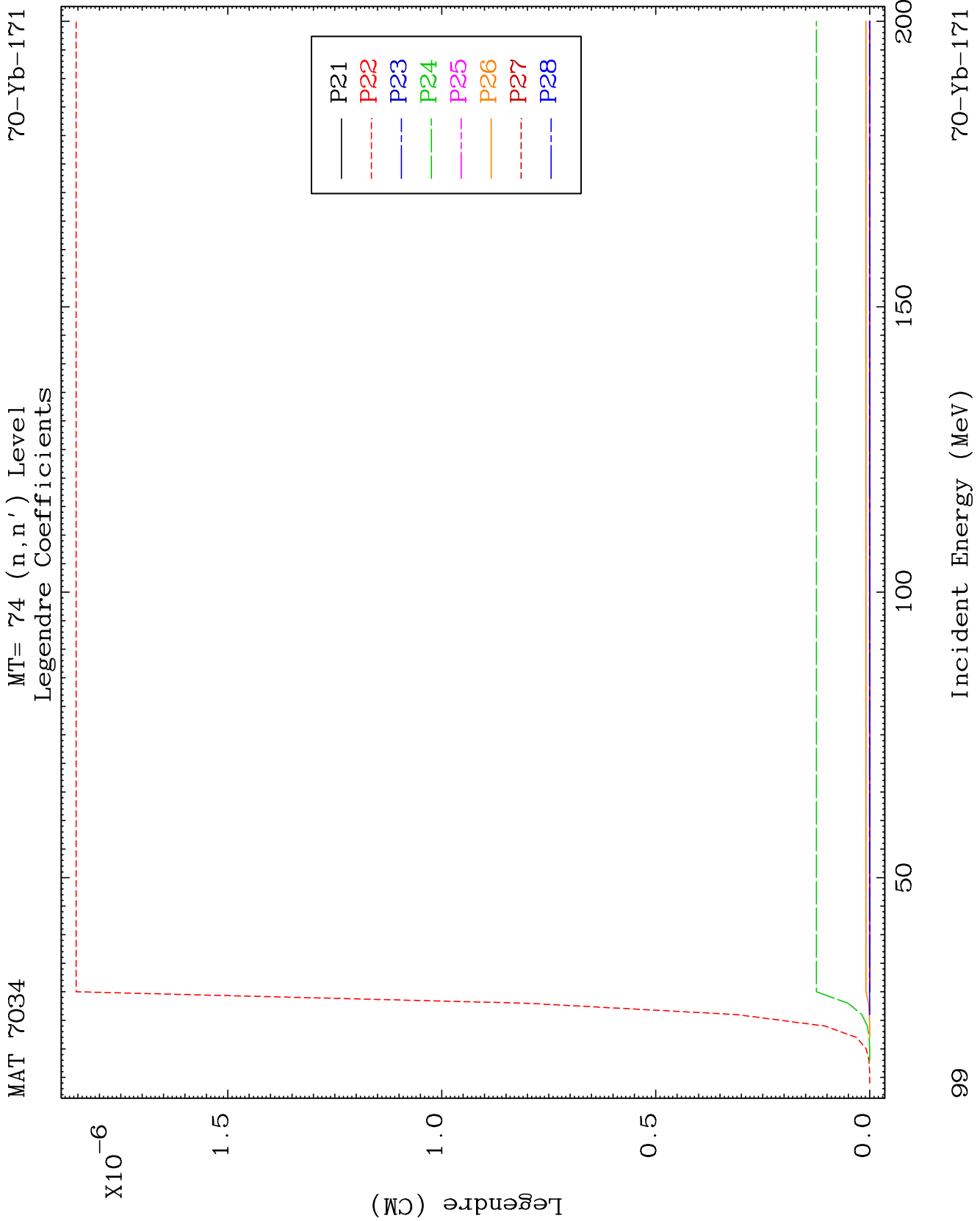
Incident Energy (MeV)

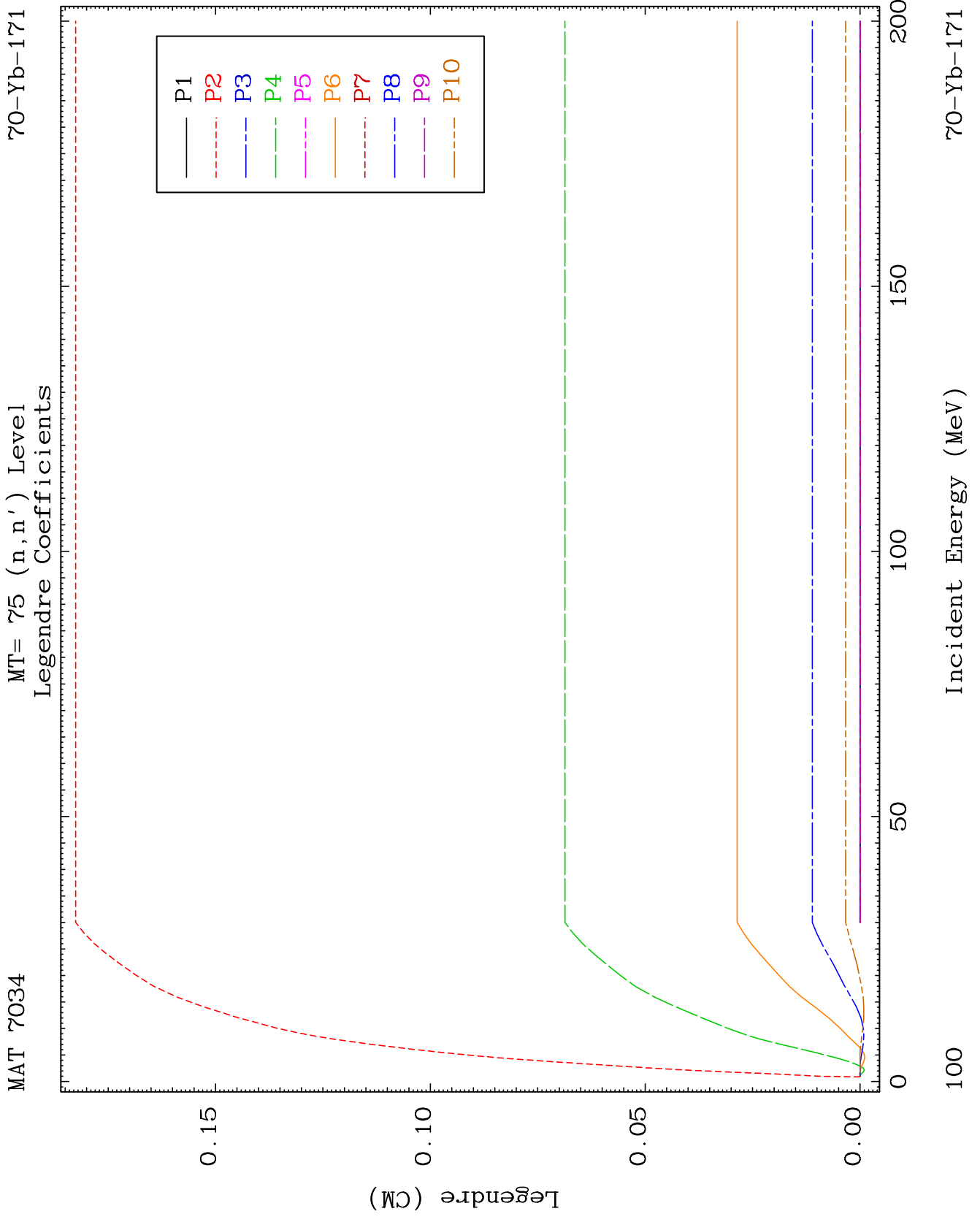
70-Yb-171







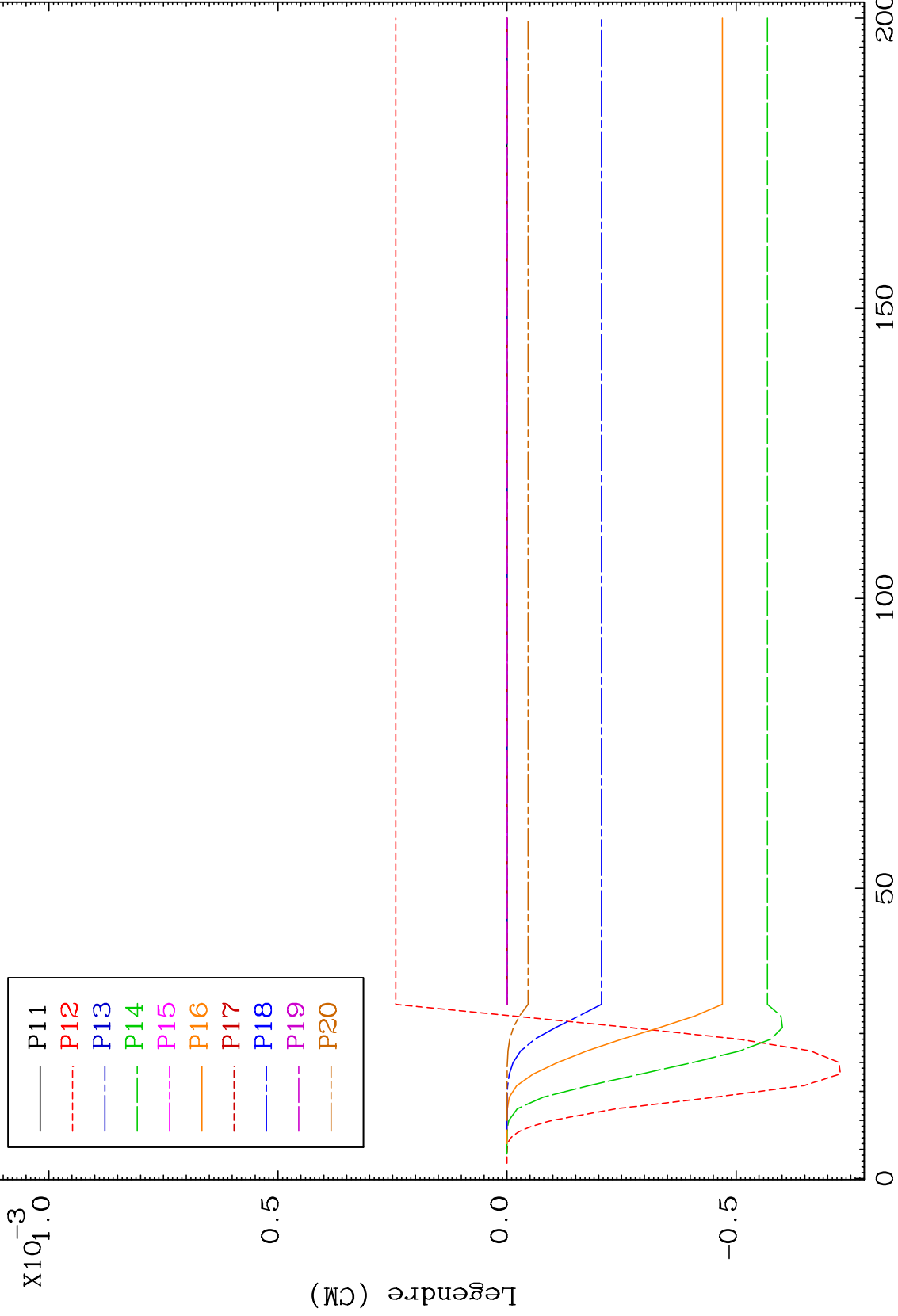
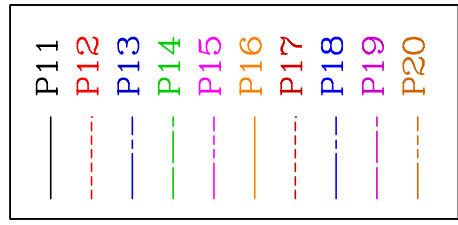




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MT= 75 (n,n') Level
Legendre Coefficients

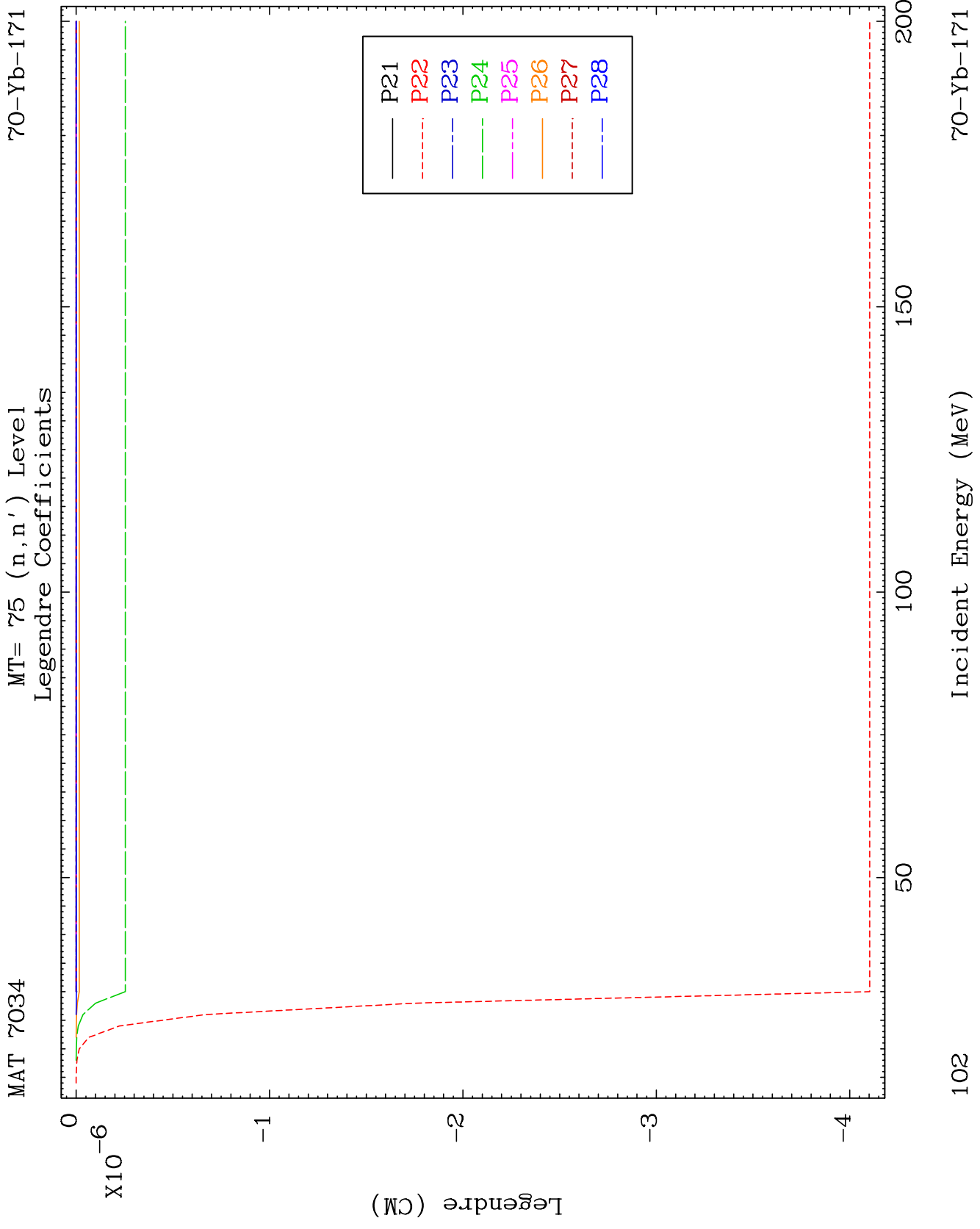
70-Yb-171

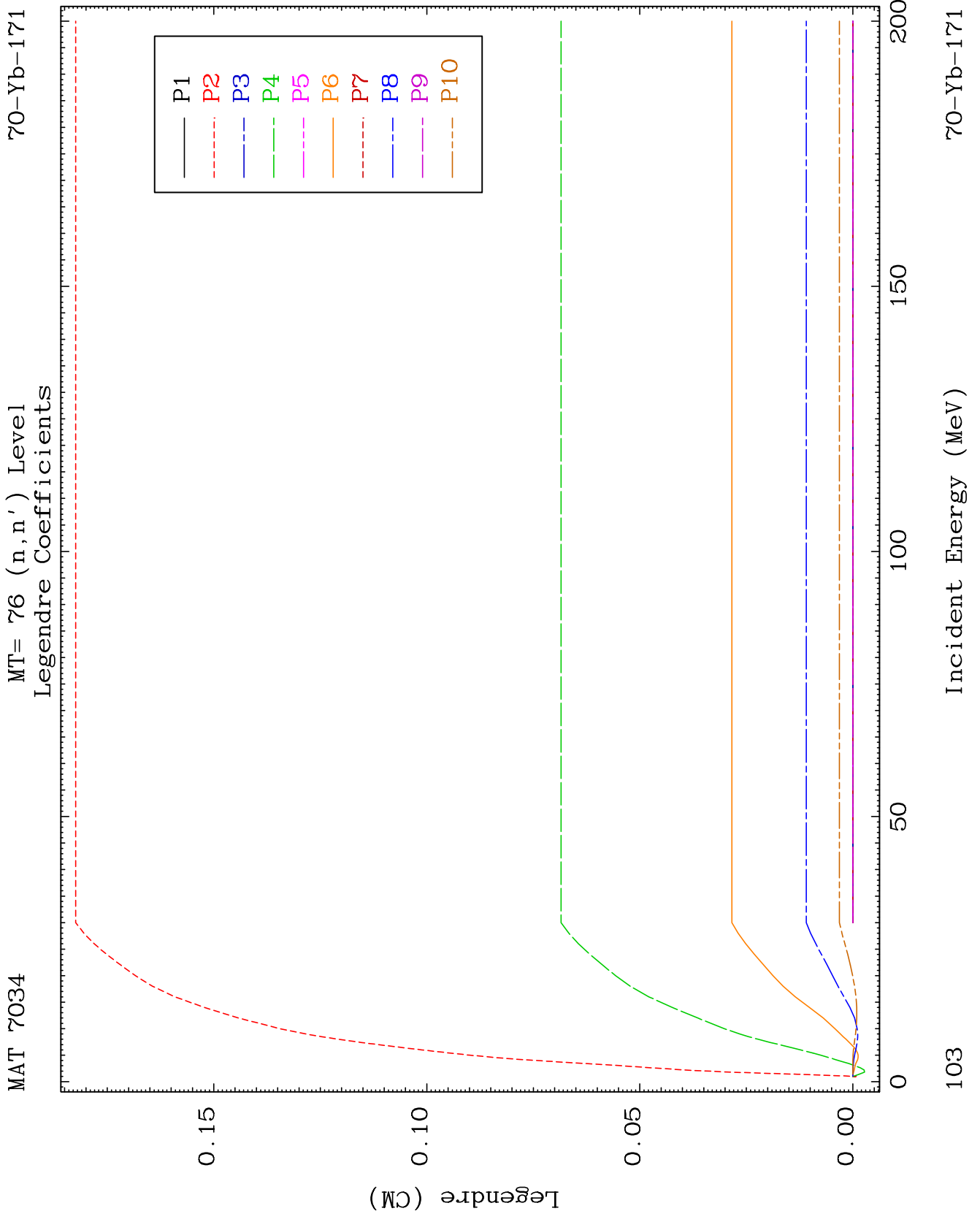


101

Incident Energy (MeV)

70-Yb-171

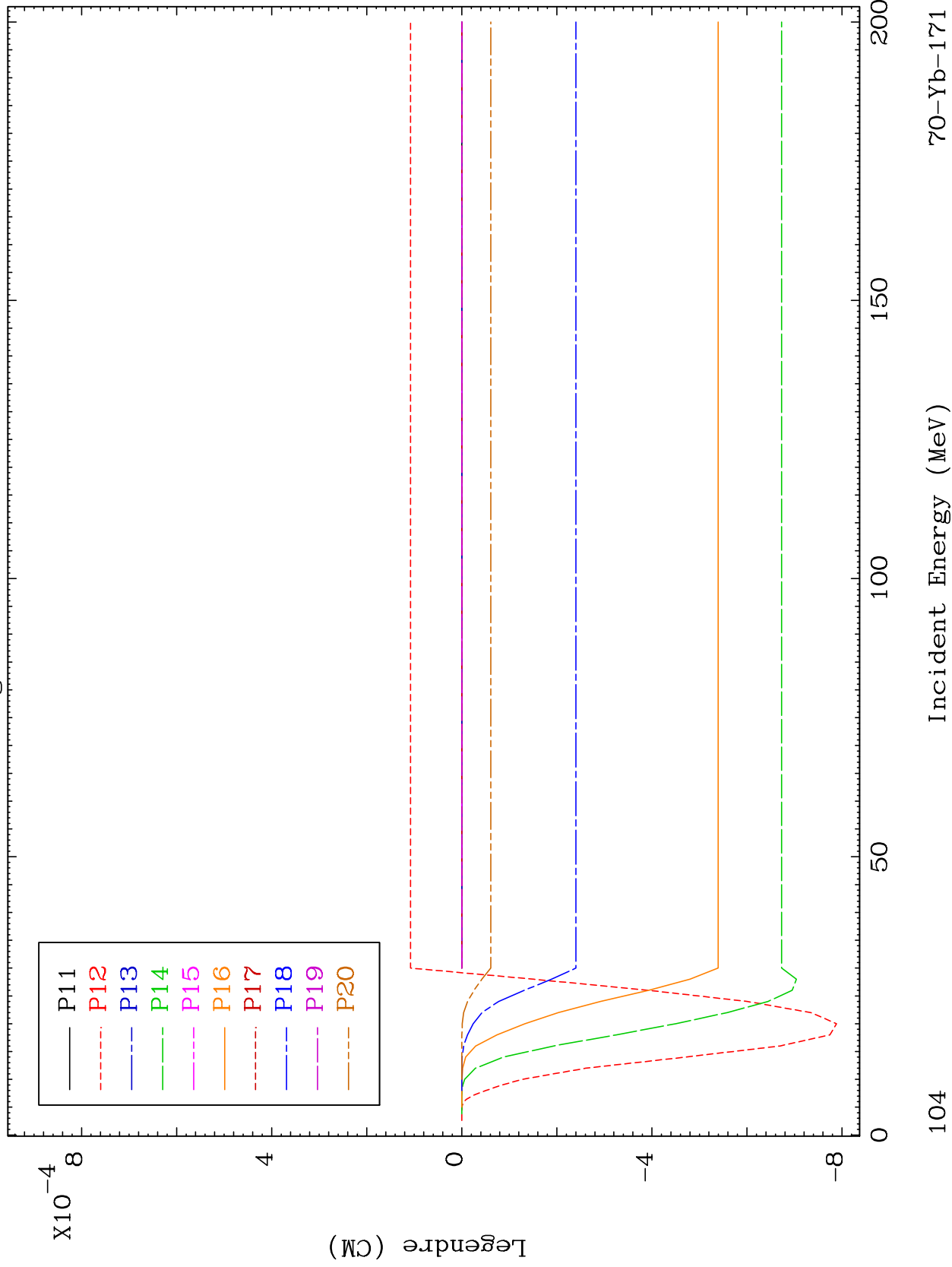




MAT 7034

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

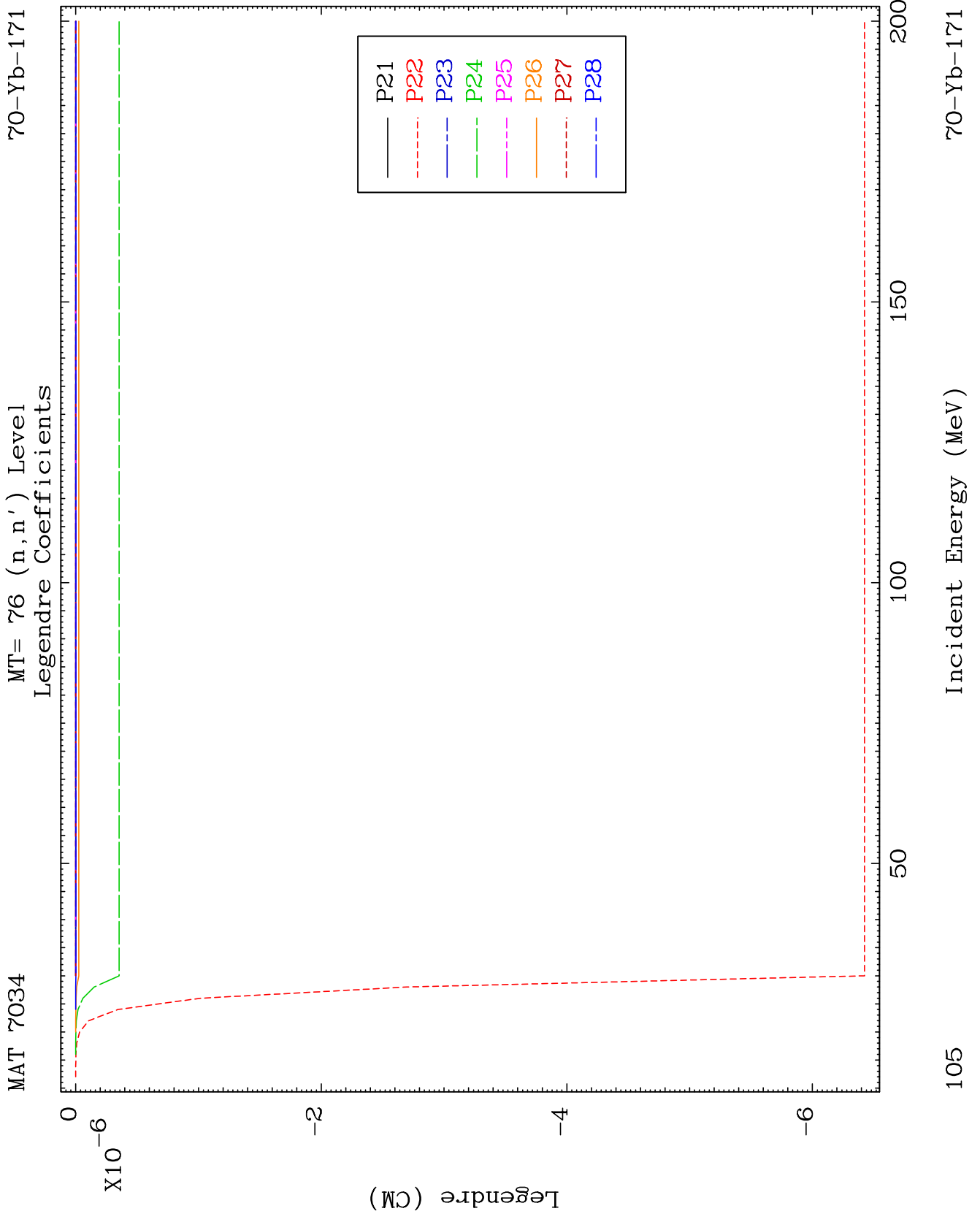
70-Yb-171

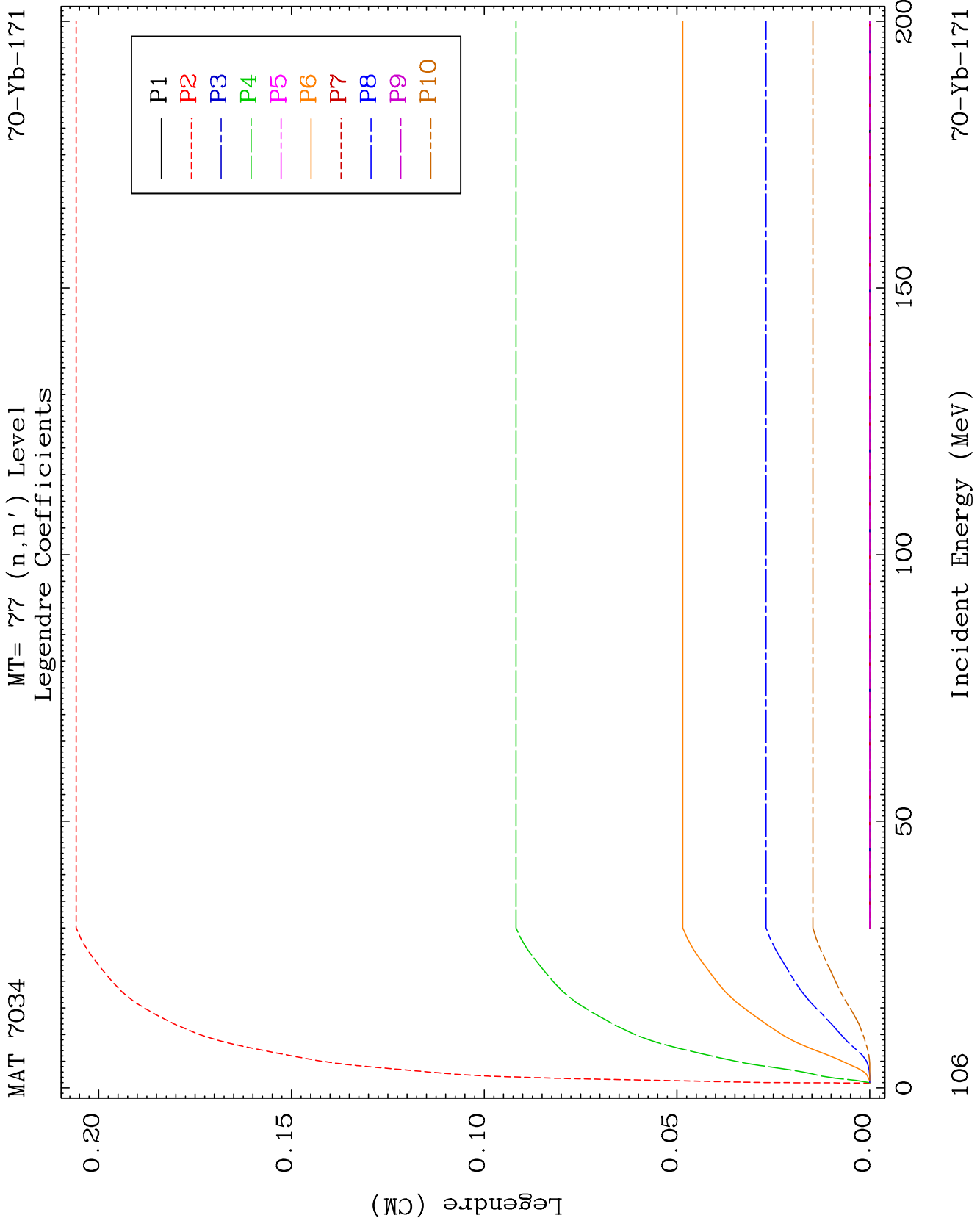


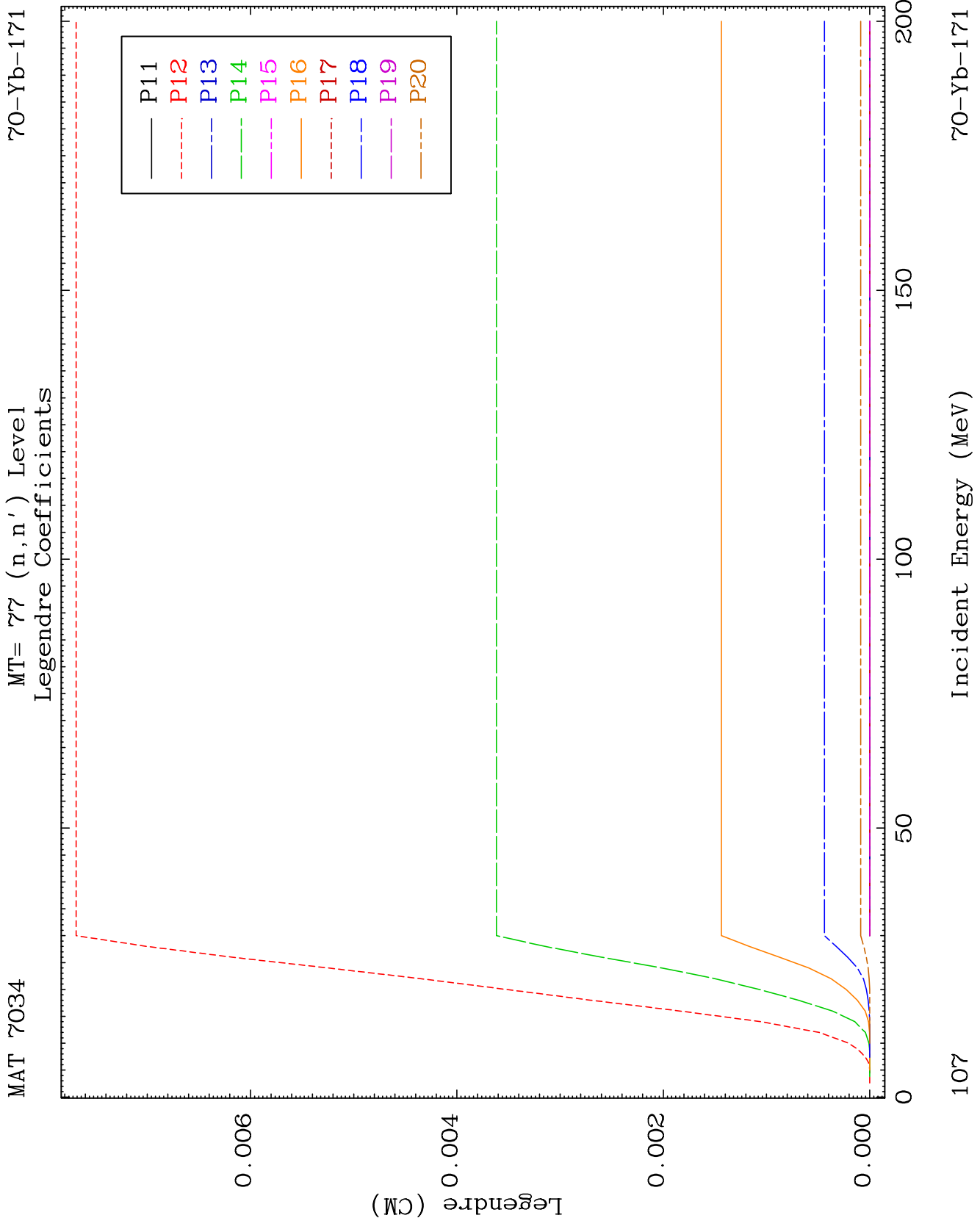
104

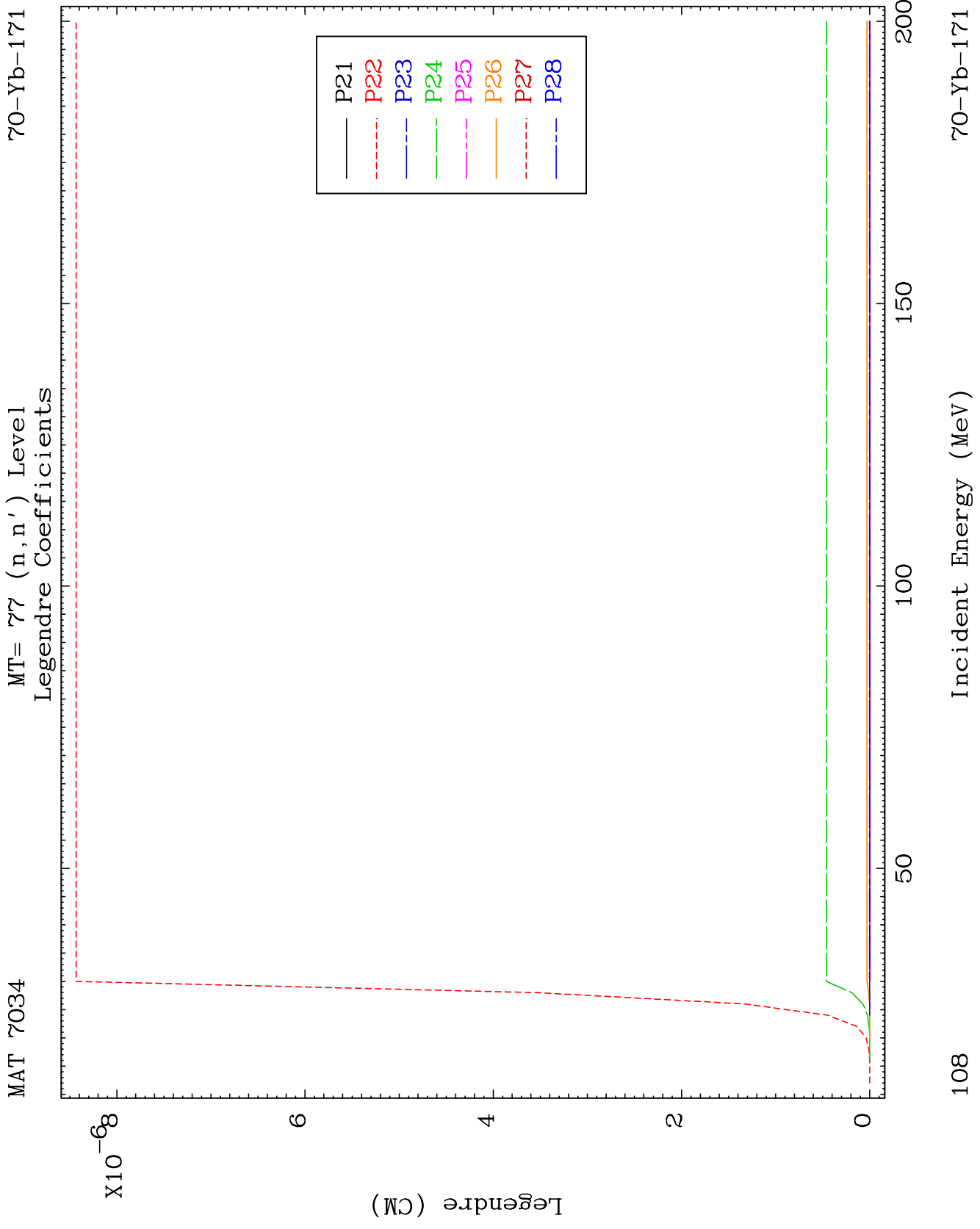
Incident Energy (MeV)

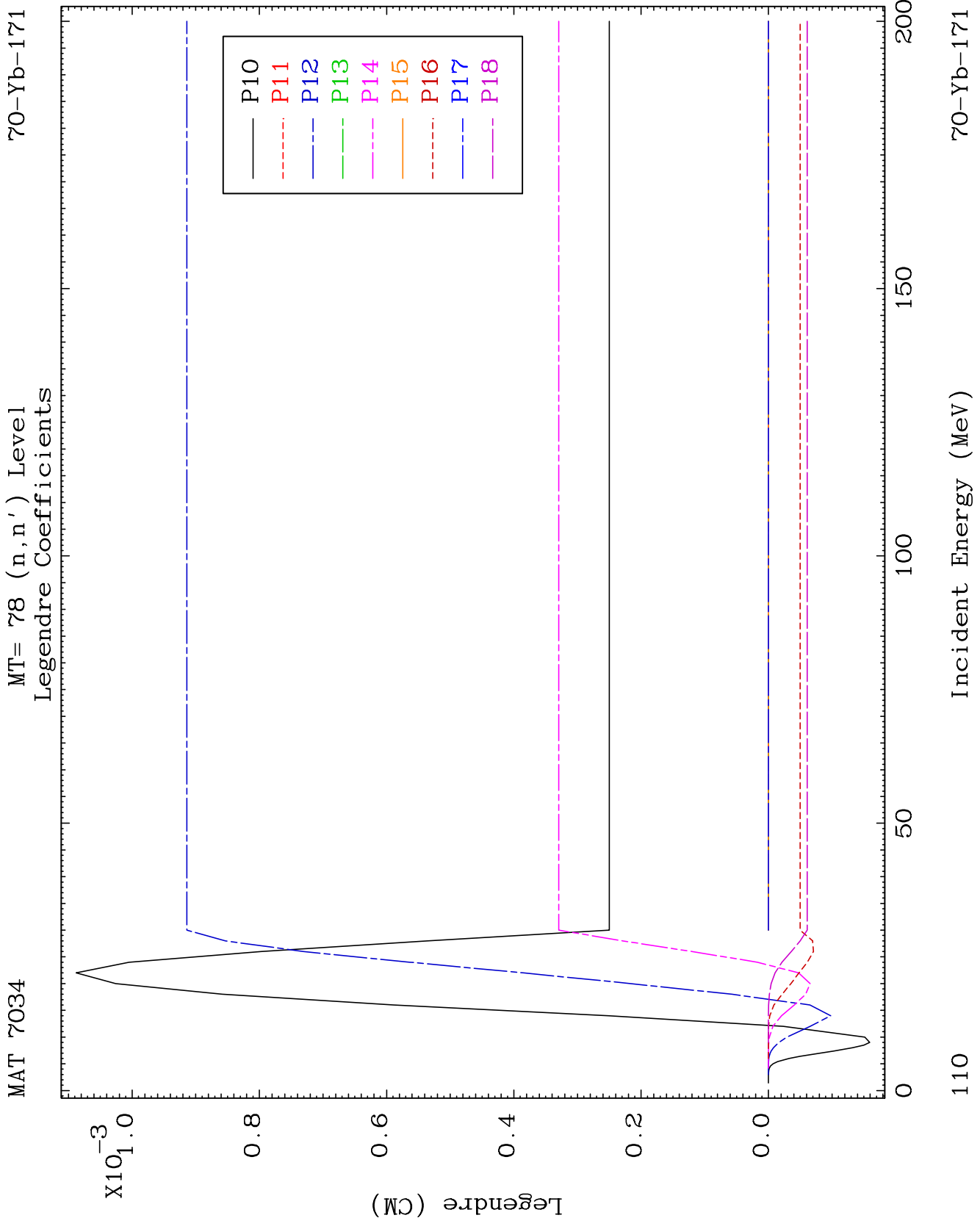
70-Yb-171

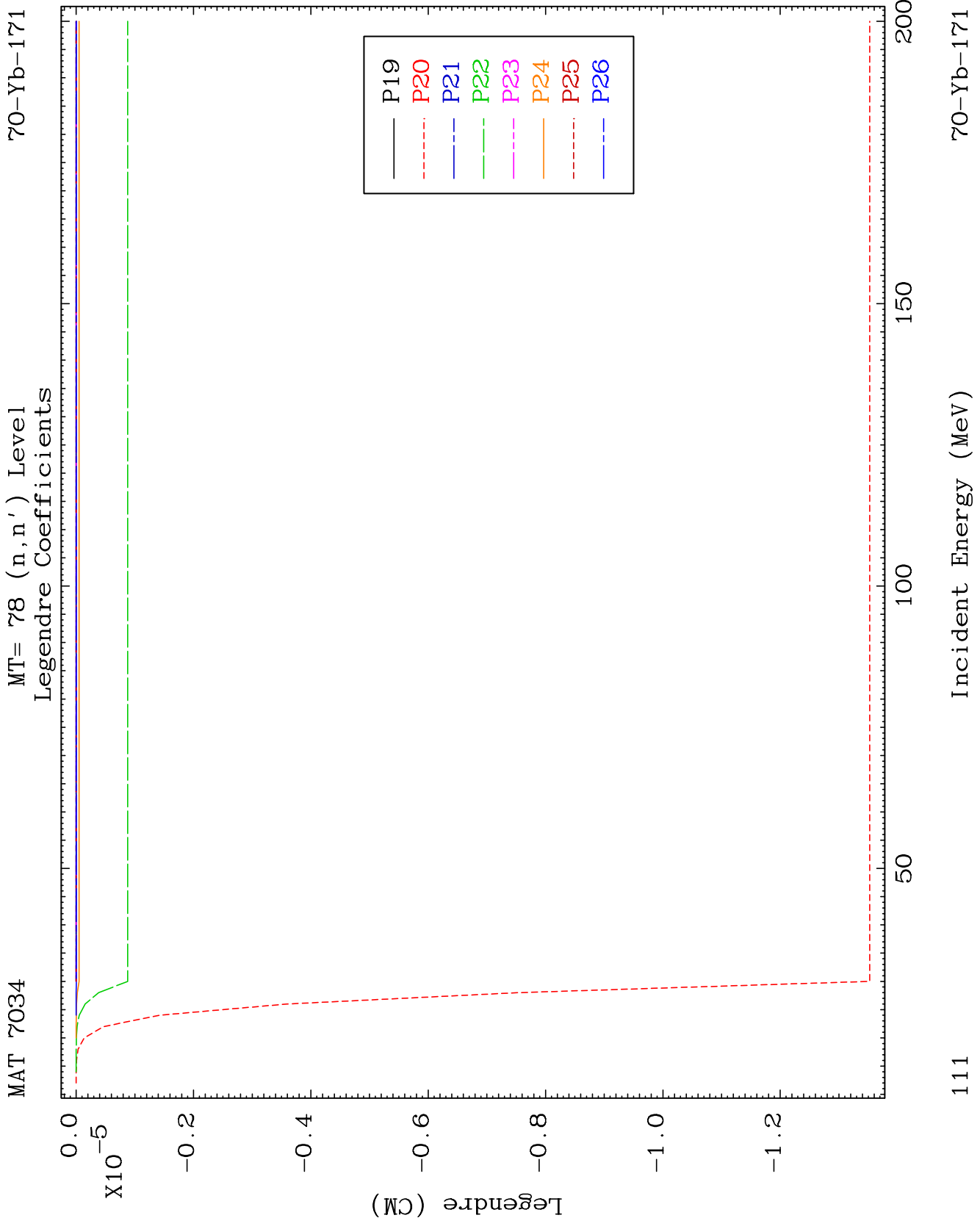


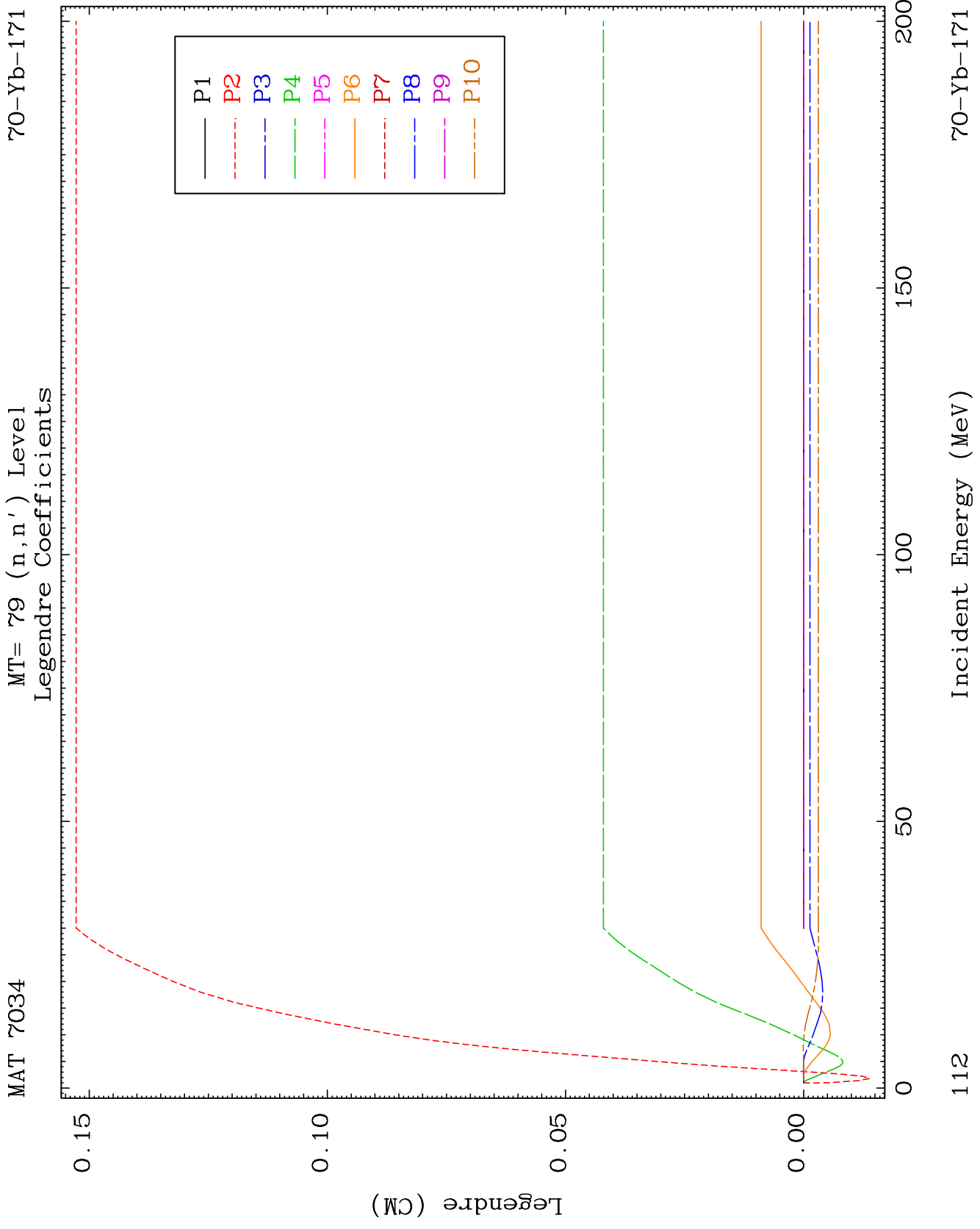








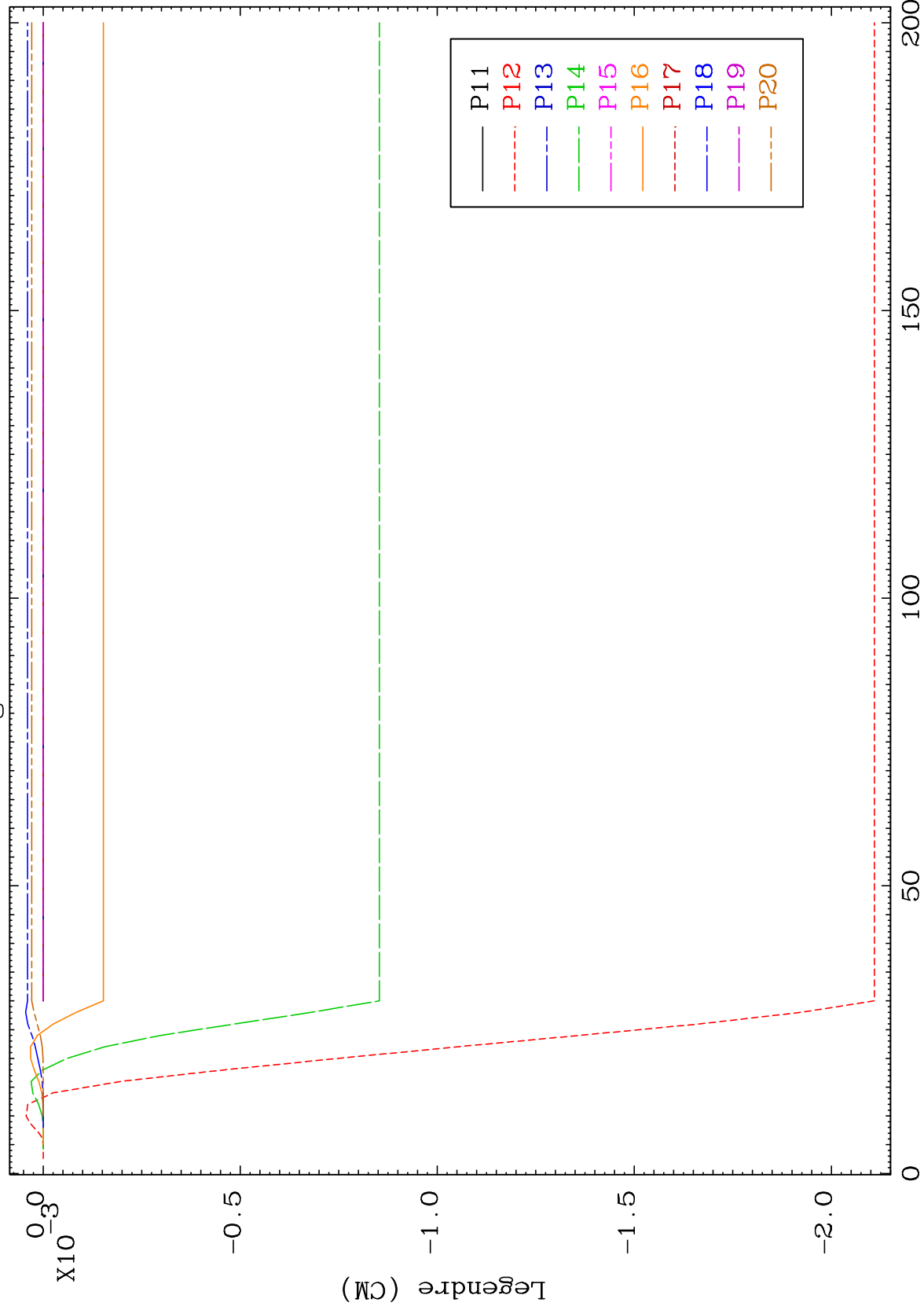




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MT= 79 (n,n') Level
Legendre Coefficients

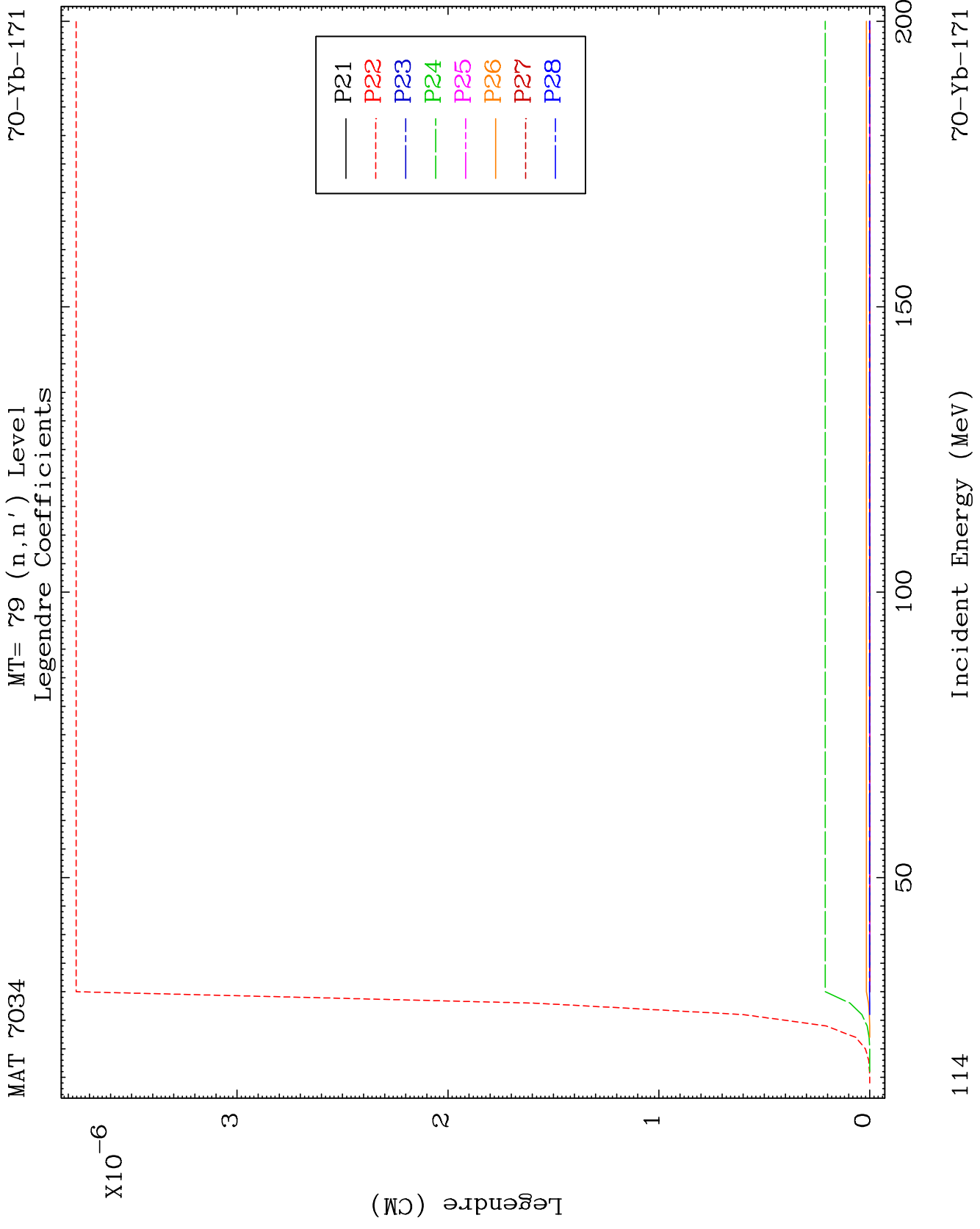
70-Yb-171

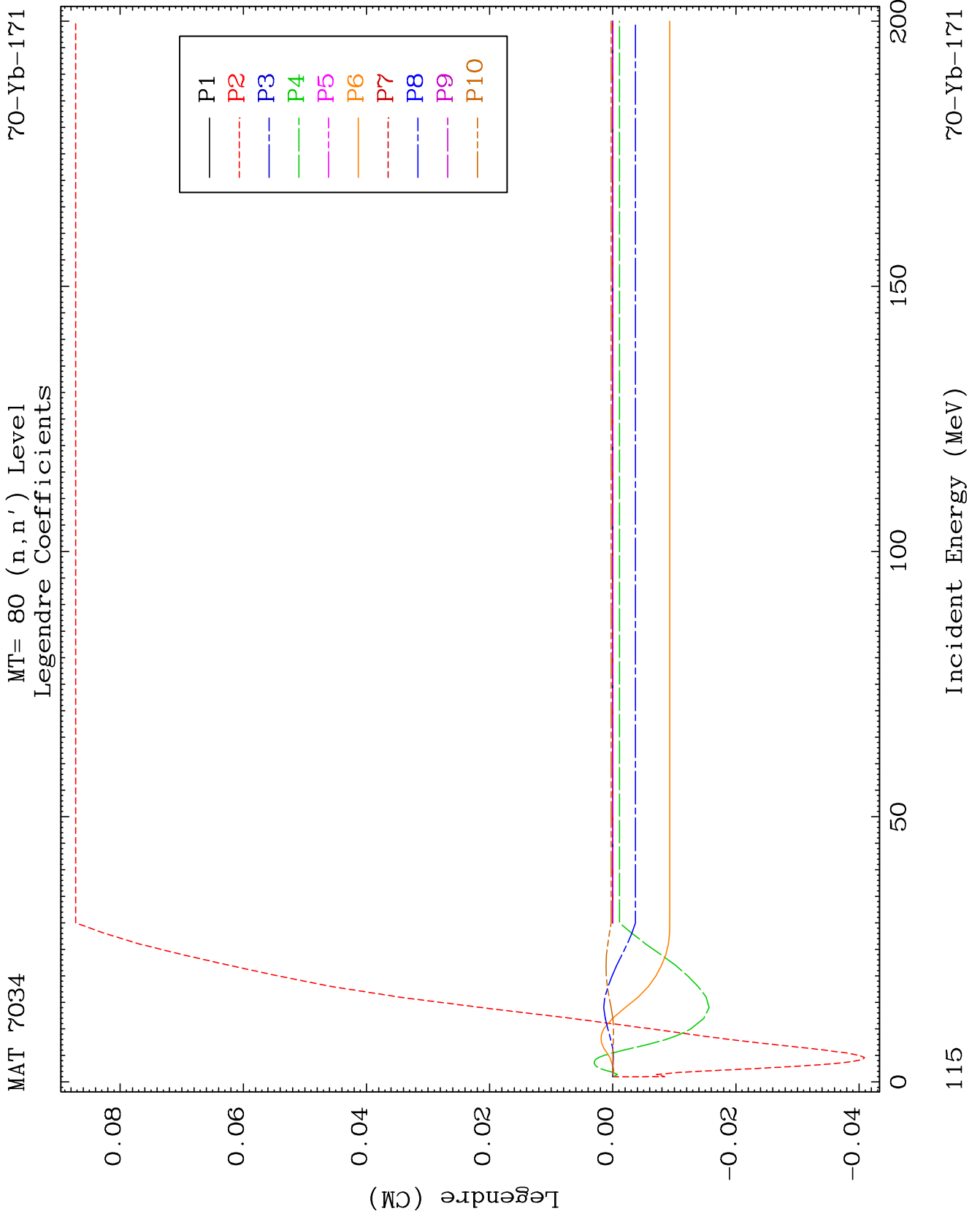


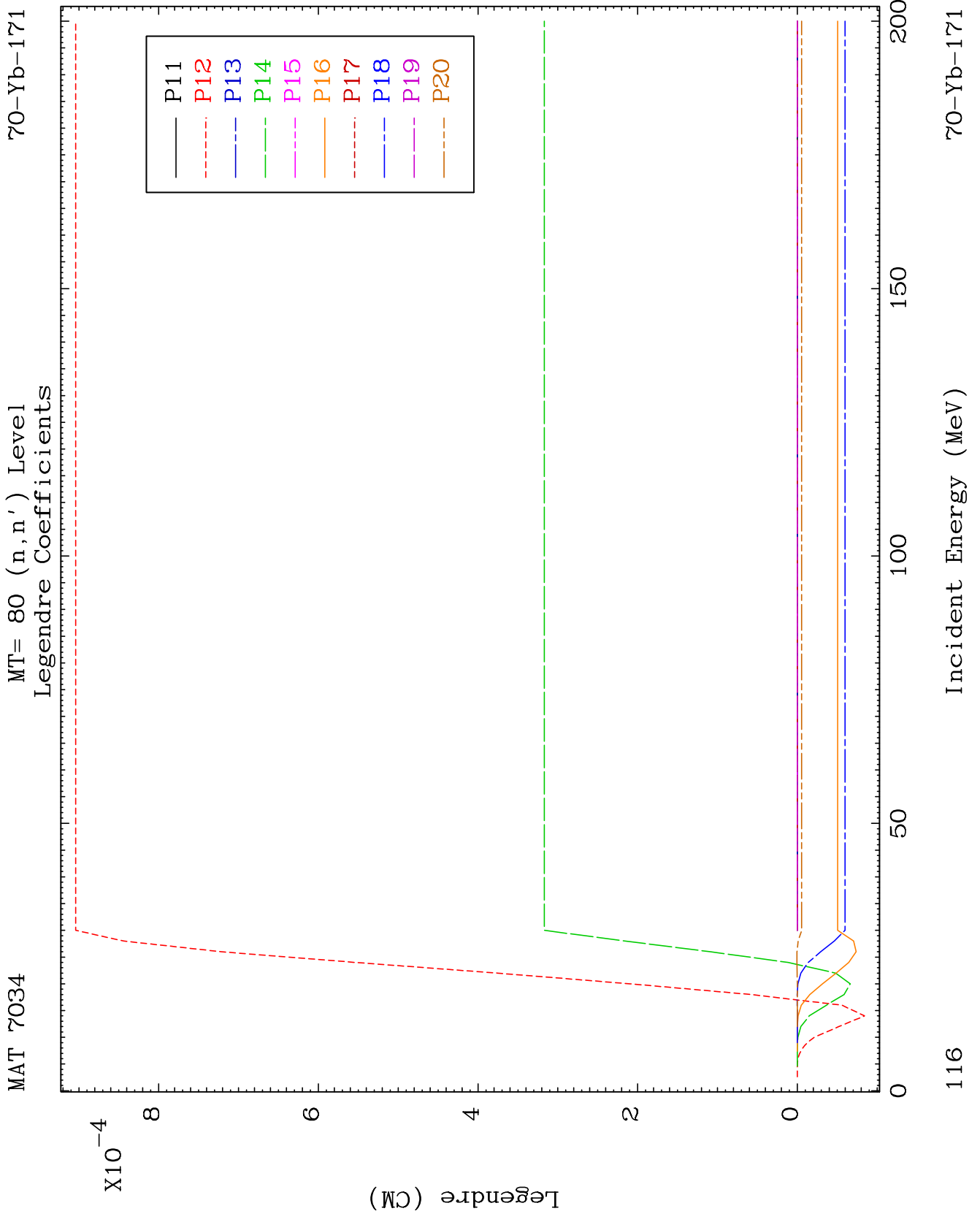
113

Incident Energy (MeV)

70-Yb-171



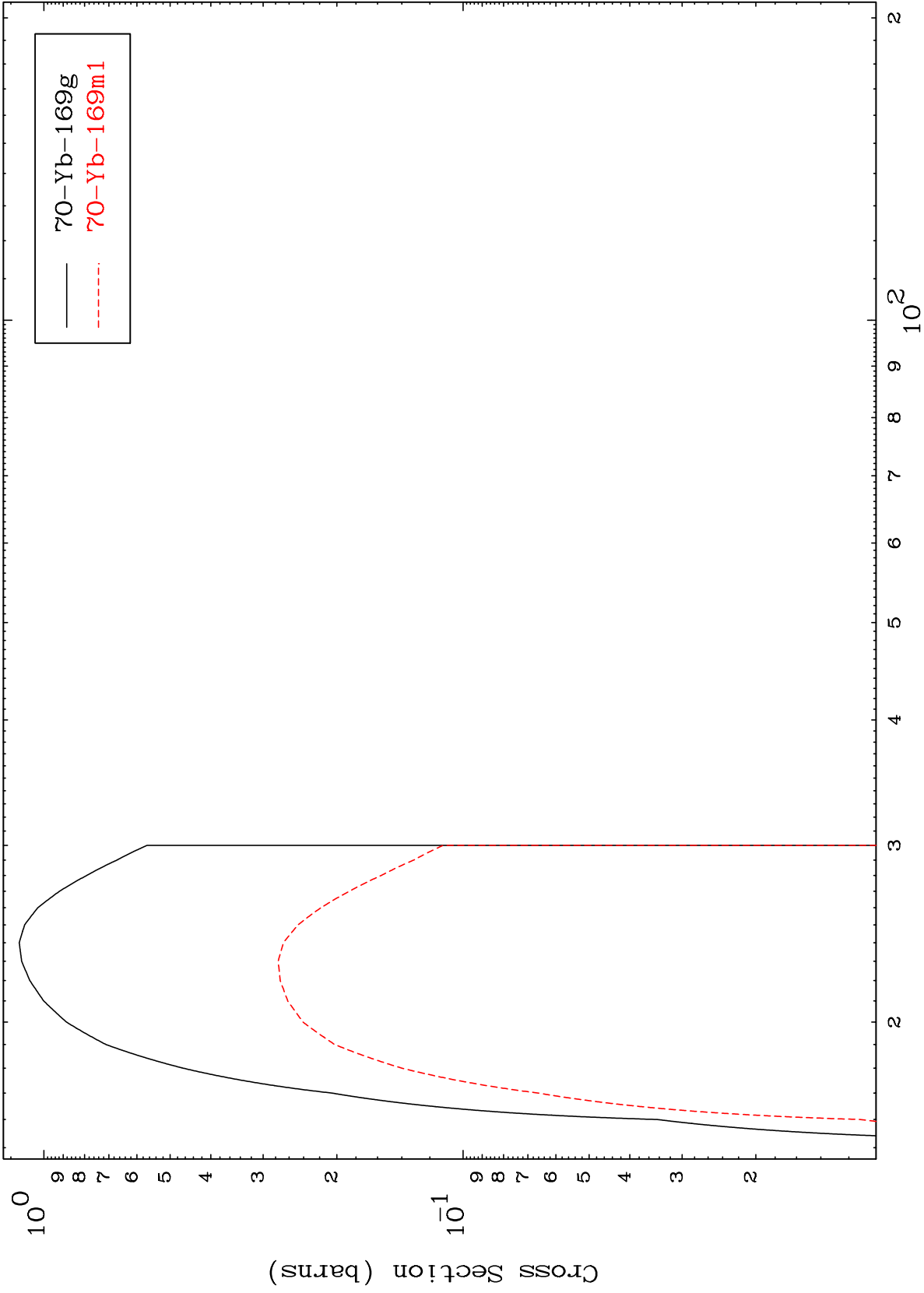




MAT 7034

70-Yb-171

(n,3n)
Radionuclide Production Cross Section



70-Yb-171

Incident Energy (MeV)

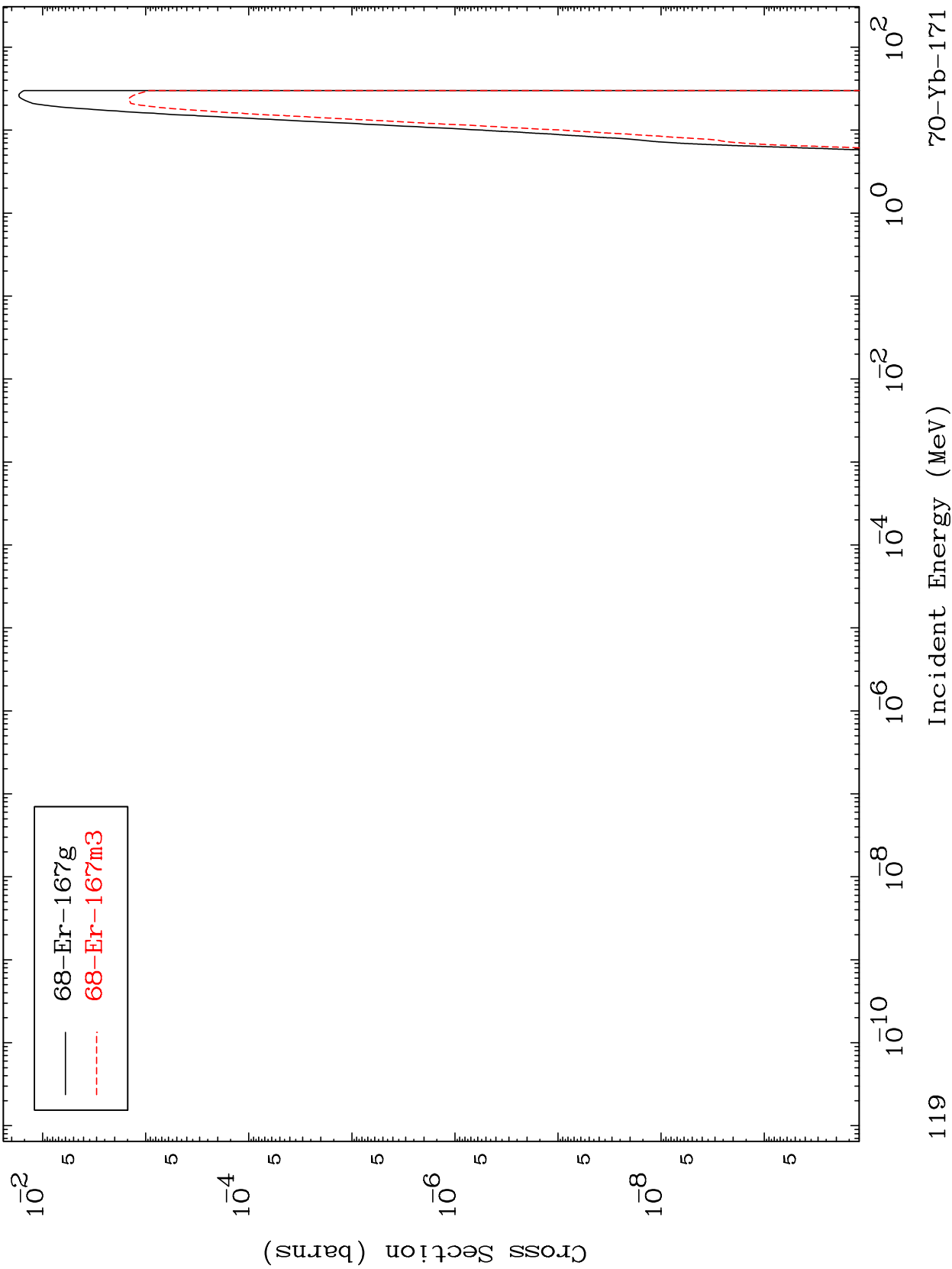
118

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$(n, n') \alpha$

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Radionuclide Production Cross Section

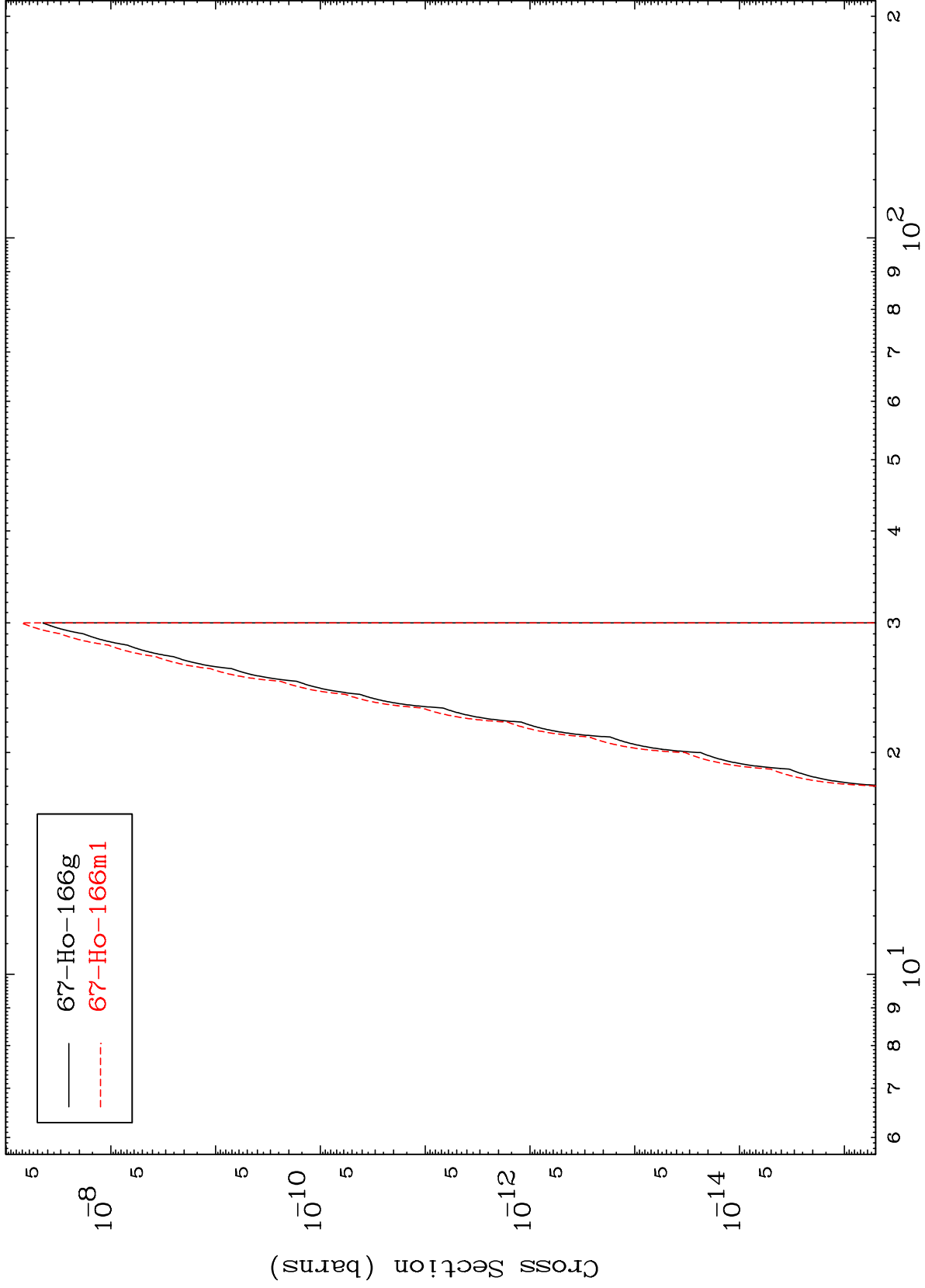


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(n,n') p α

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Radionuclide Production Cross Section



120

Incident Energy (MeV)

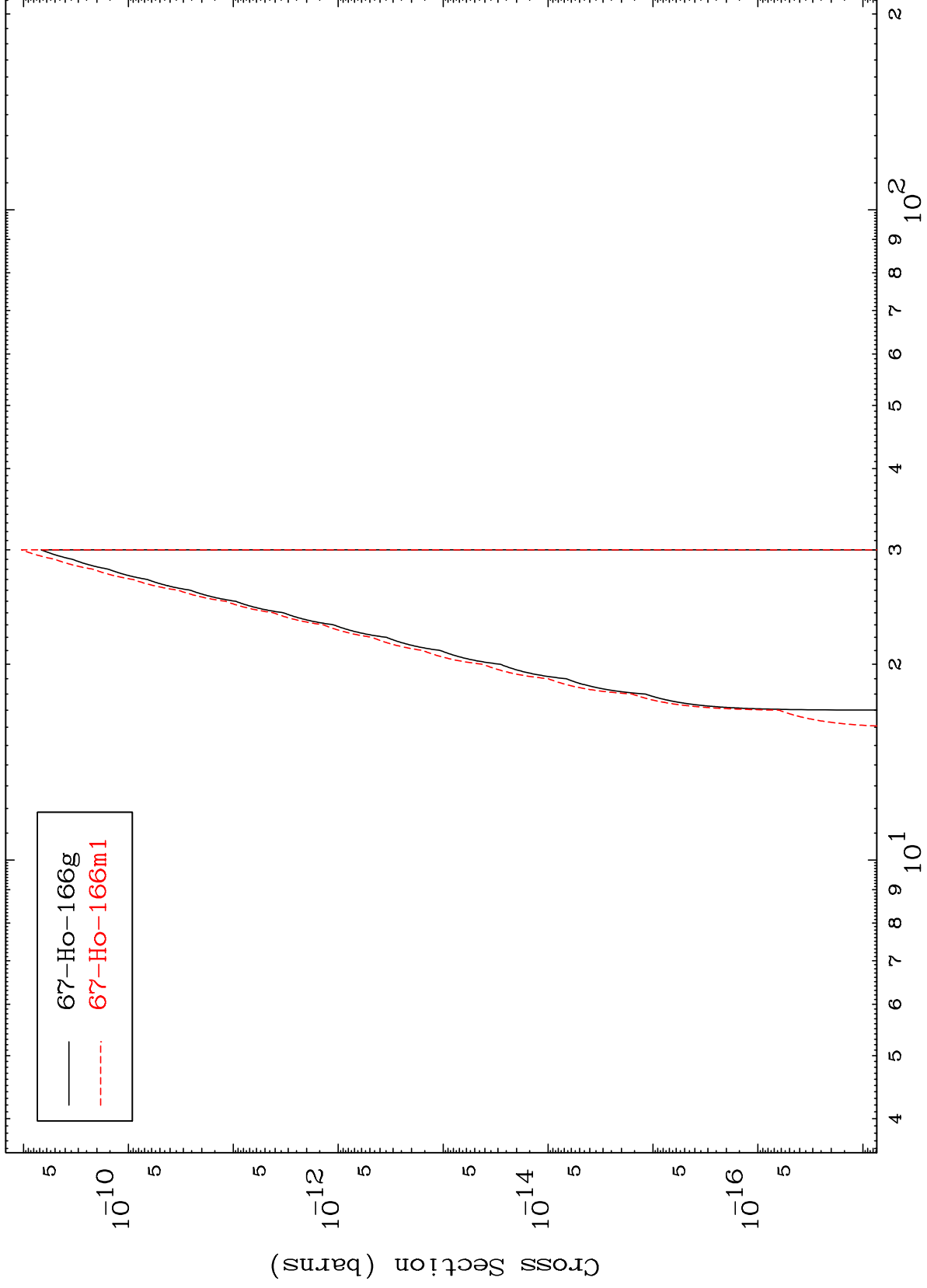
70-Yb-171

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(n,d) α

70-Yb-171

Radionuclide Production Cross Section



— 67-Ho-166g
- - - 67-Ho-166m1

121

Incident Energy (MeV)

70-Yb-171