

Program EVALPLOT
(Version 2018-1)

by

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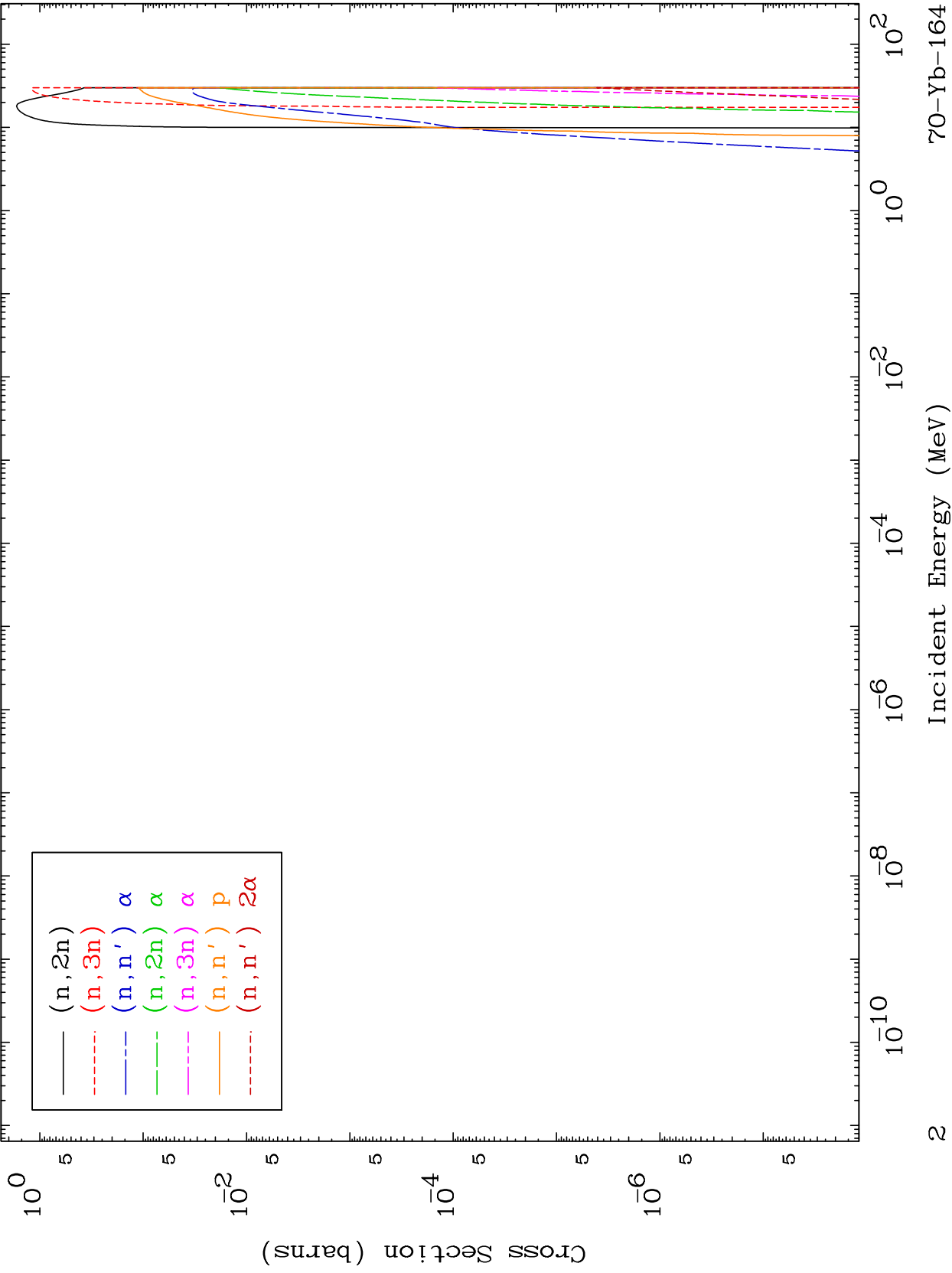
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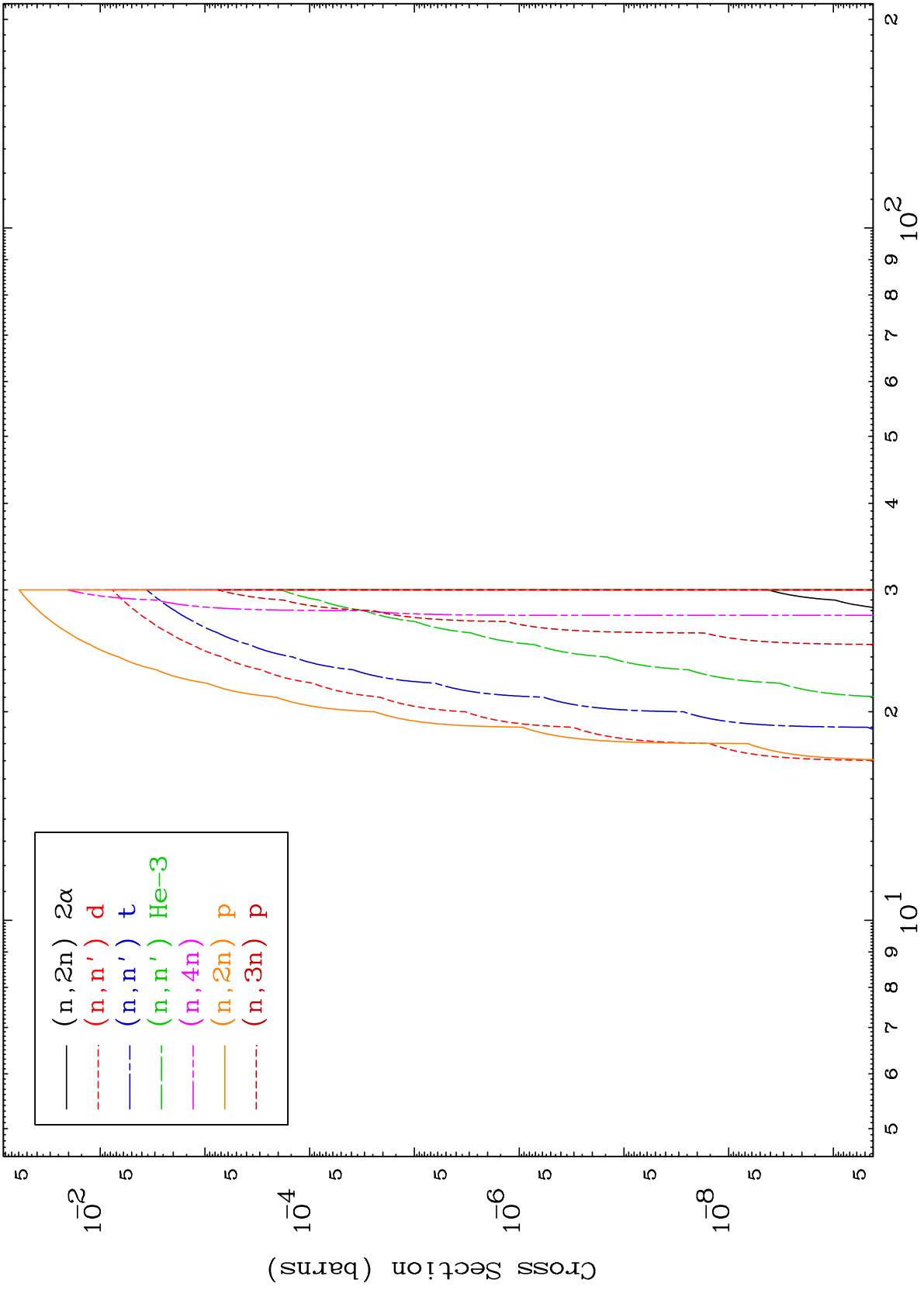
Press Mouse Button to Start

MAT 7013

Neutron Production
293 Kelvin Cross Sections

70-Yb-164

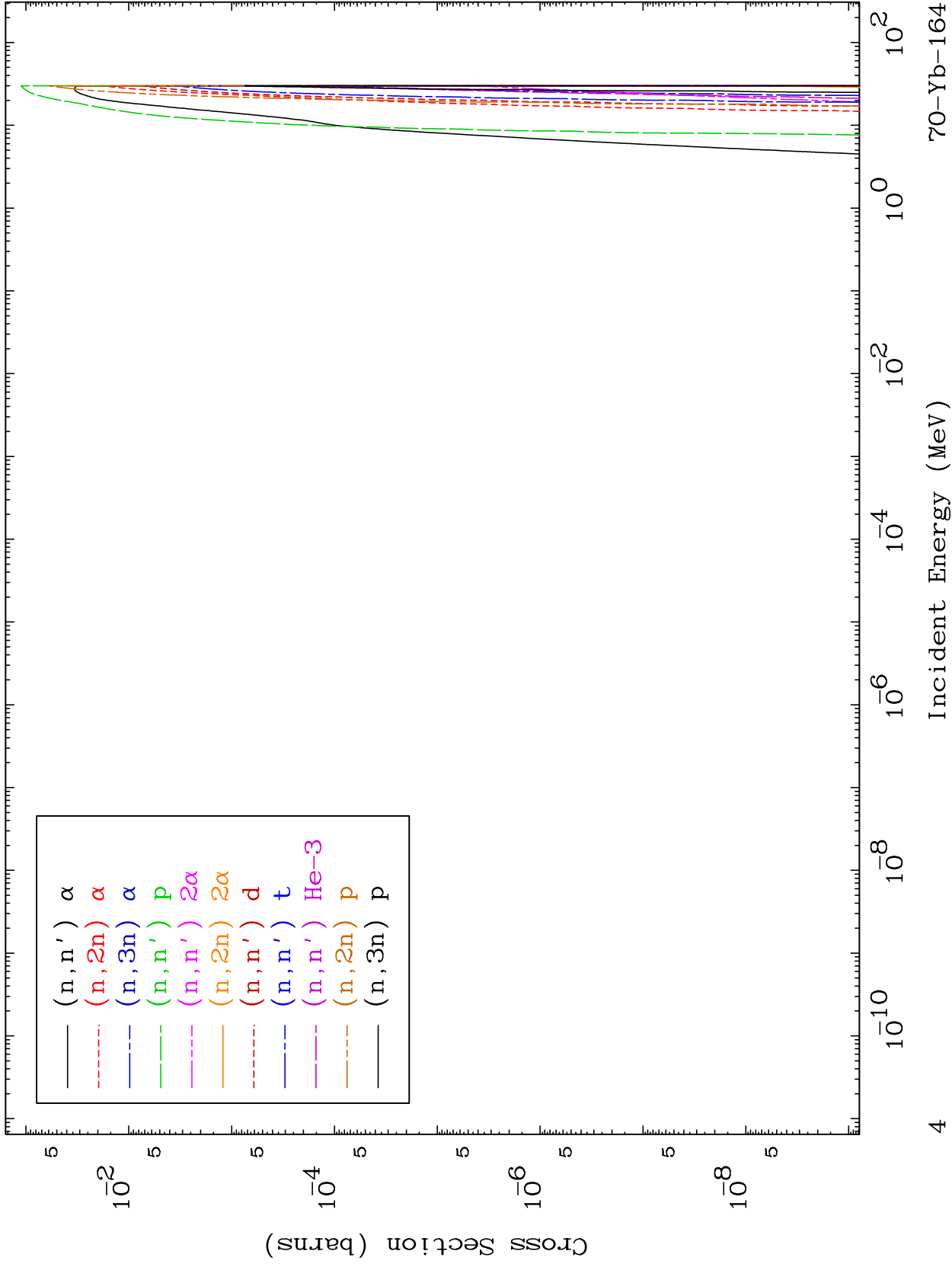




MAT 7013

Charged Particle
293 Kelvin Cross Sections

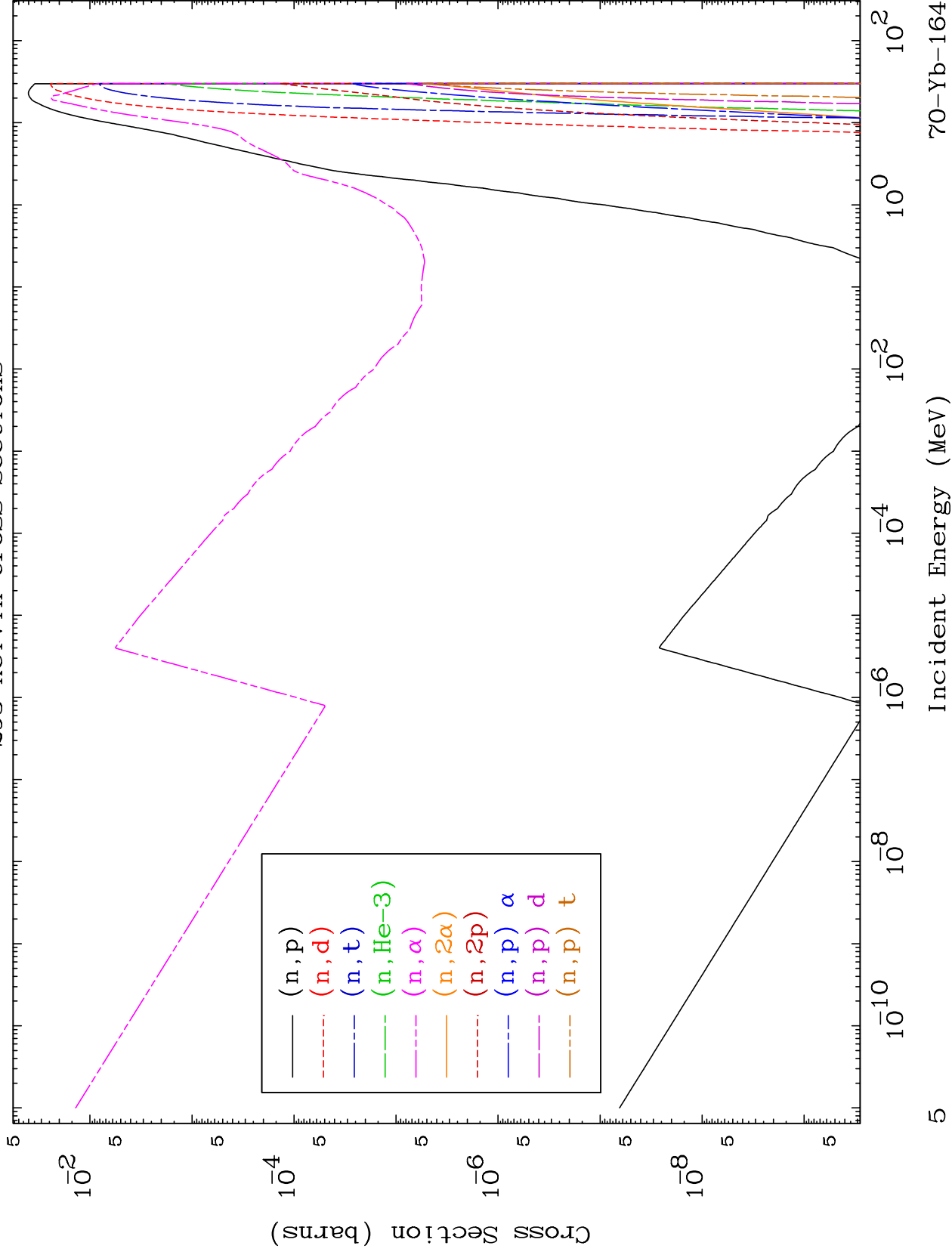
70-Yb-164



MAT 7013

Charged Particle
293 Kelvin Cross Sections

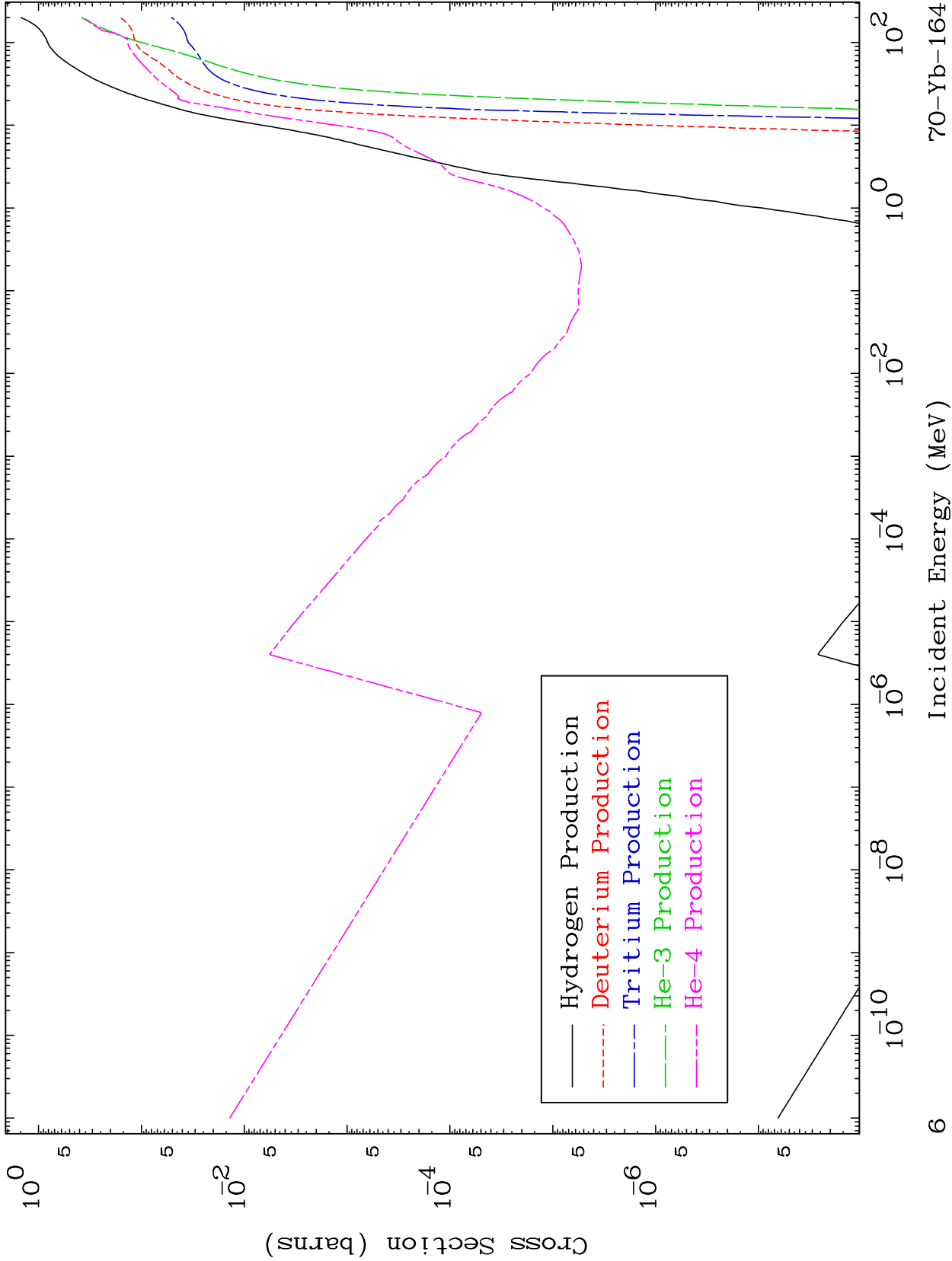
70-Yb-164



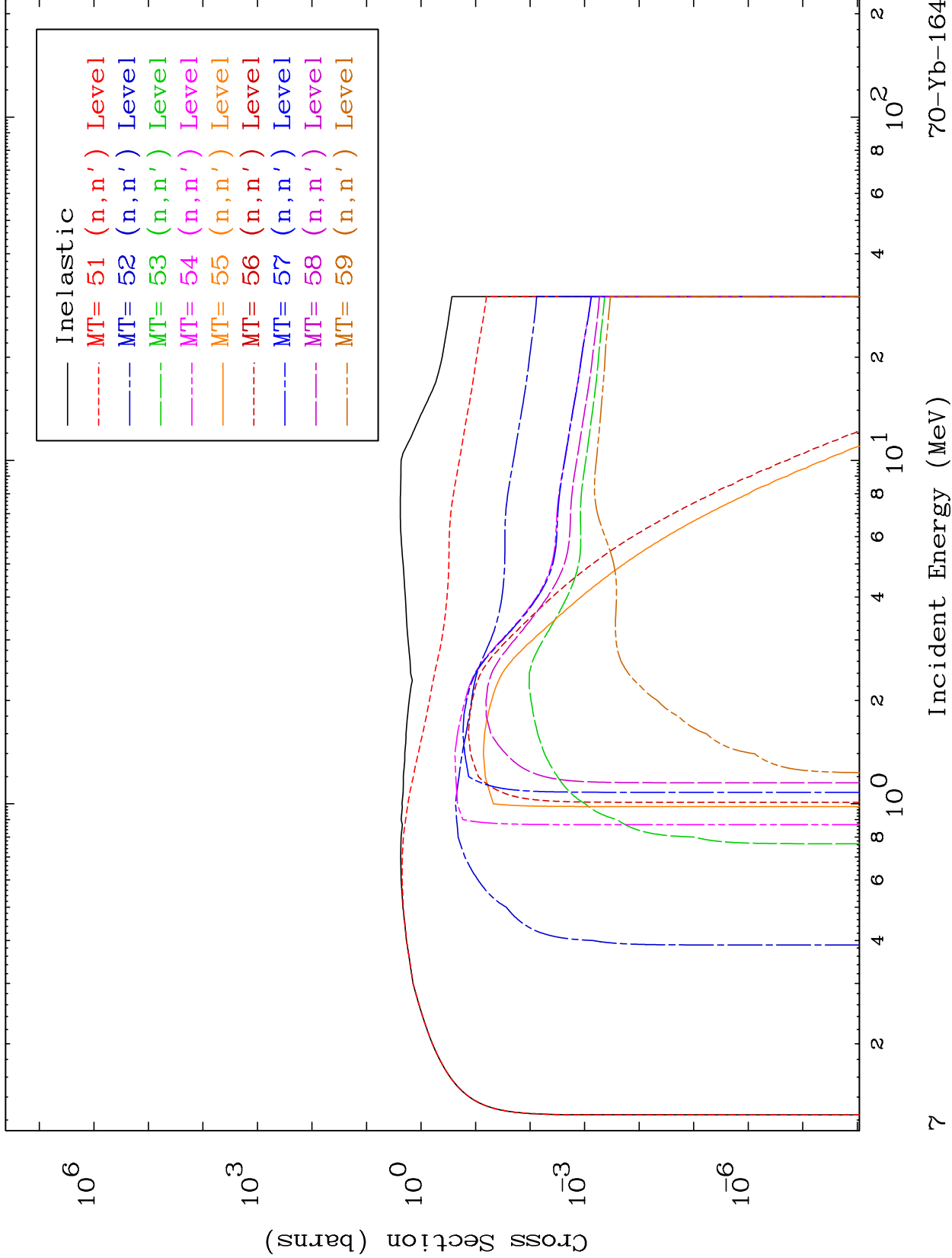
MAT 7013

Particle Production
293 Kelvin Cross Sections

70-Yb-164



293 Kelvin Cross Sections

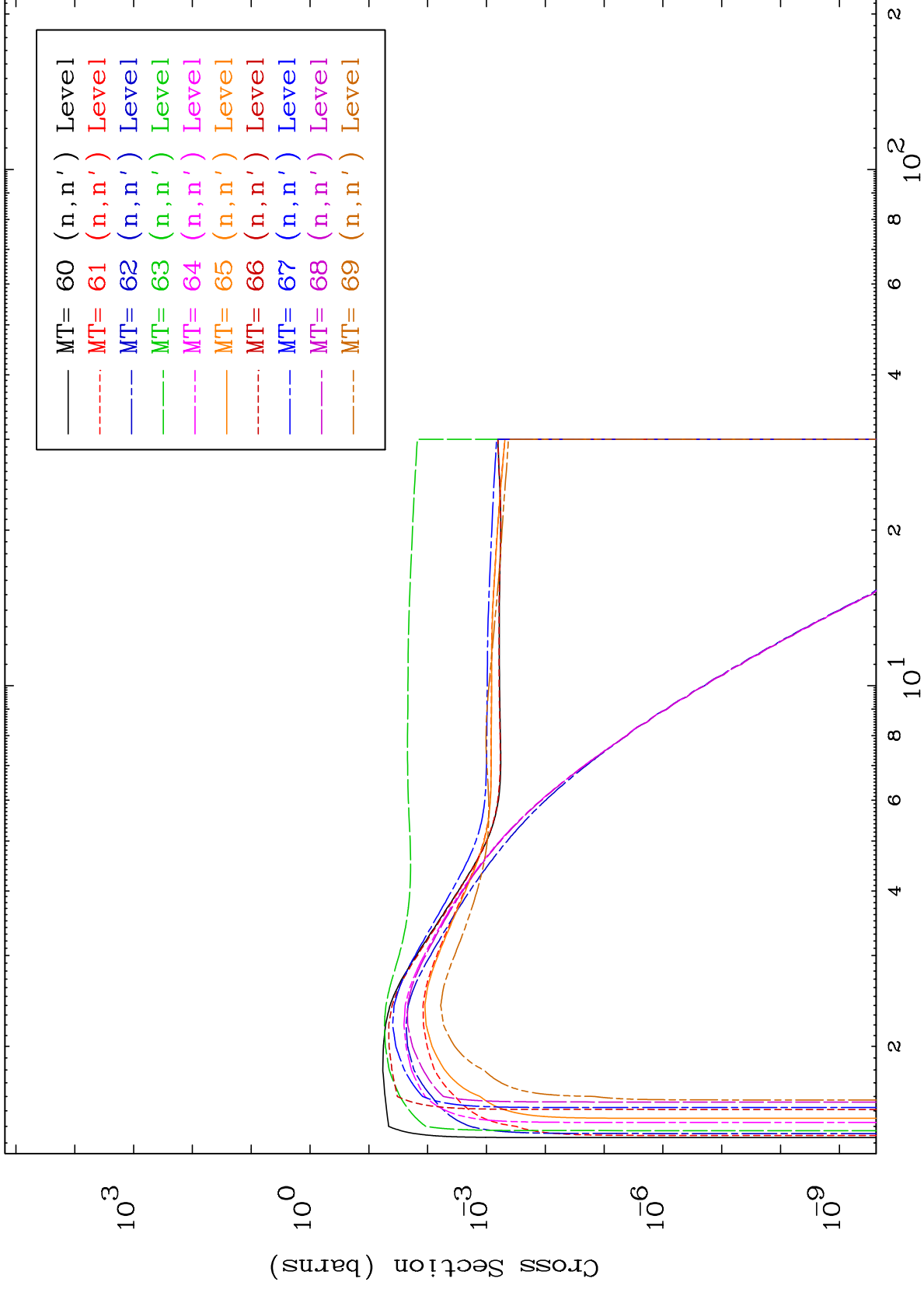


MAT 7013

(n,n') Level

70-Yb-164

293 Kelvin Cross Sections

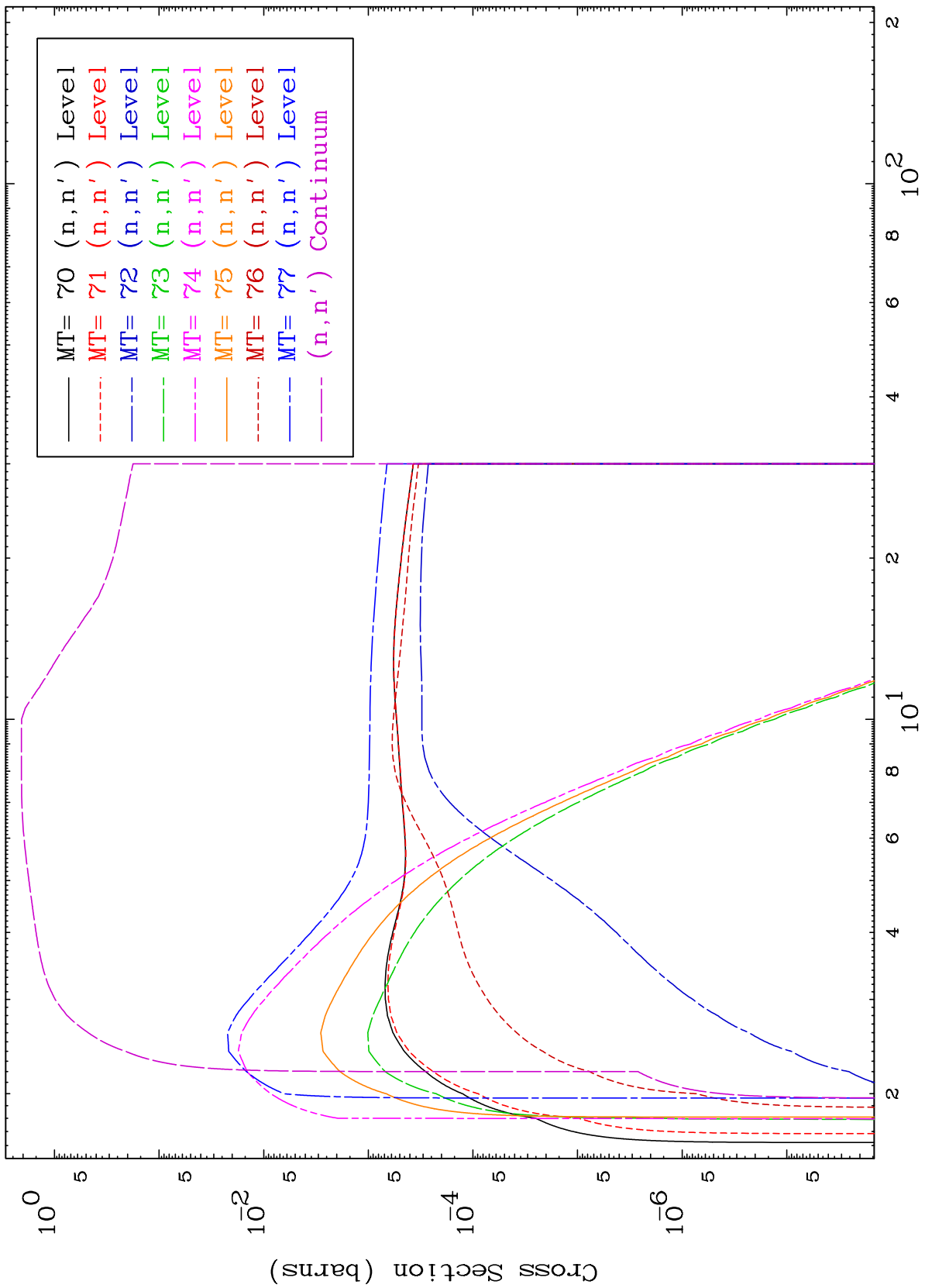


8

Incident Energy (MeV)

70-Yb-164

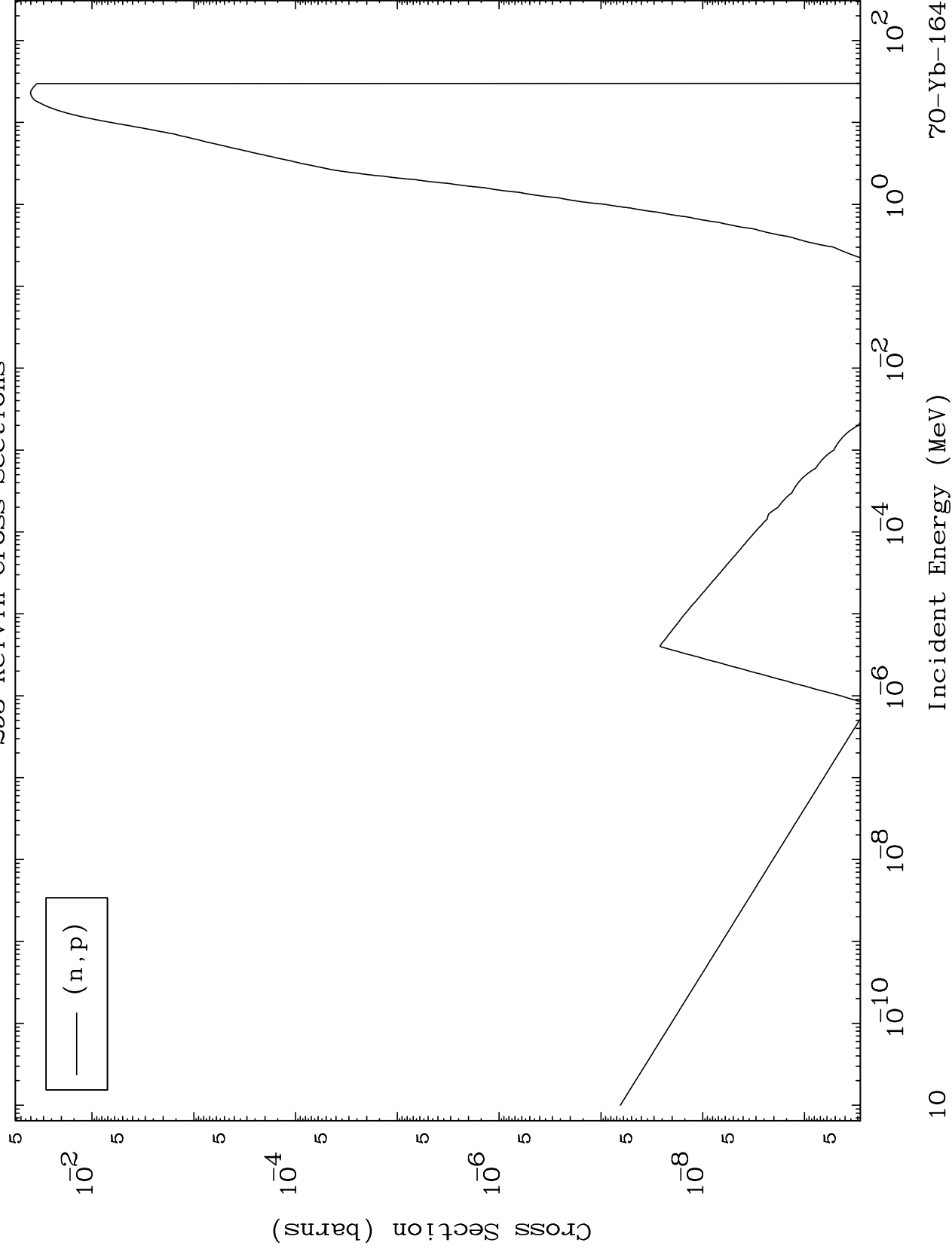
293 Kelvin Cross Sections



MAT 7013

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-164



70-Yb-164

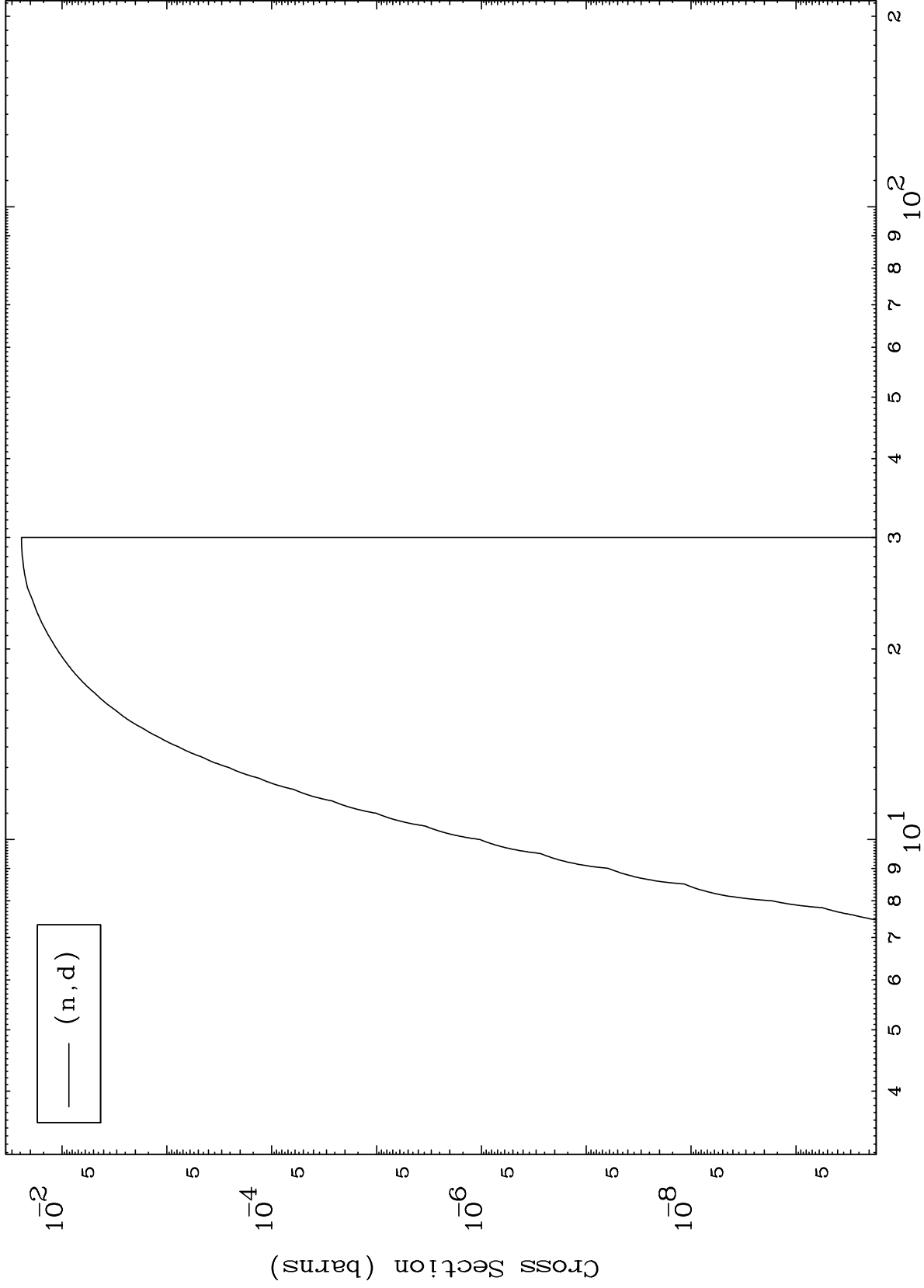
Incident Energy (MeV)

10

MAT 7013

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-164



11

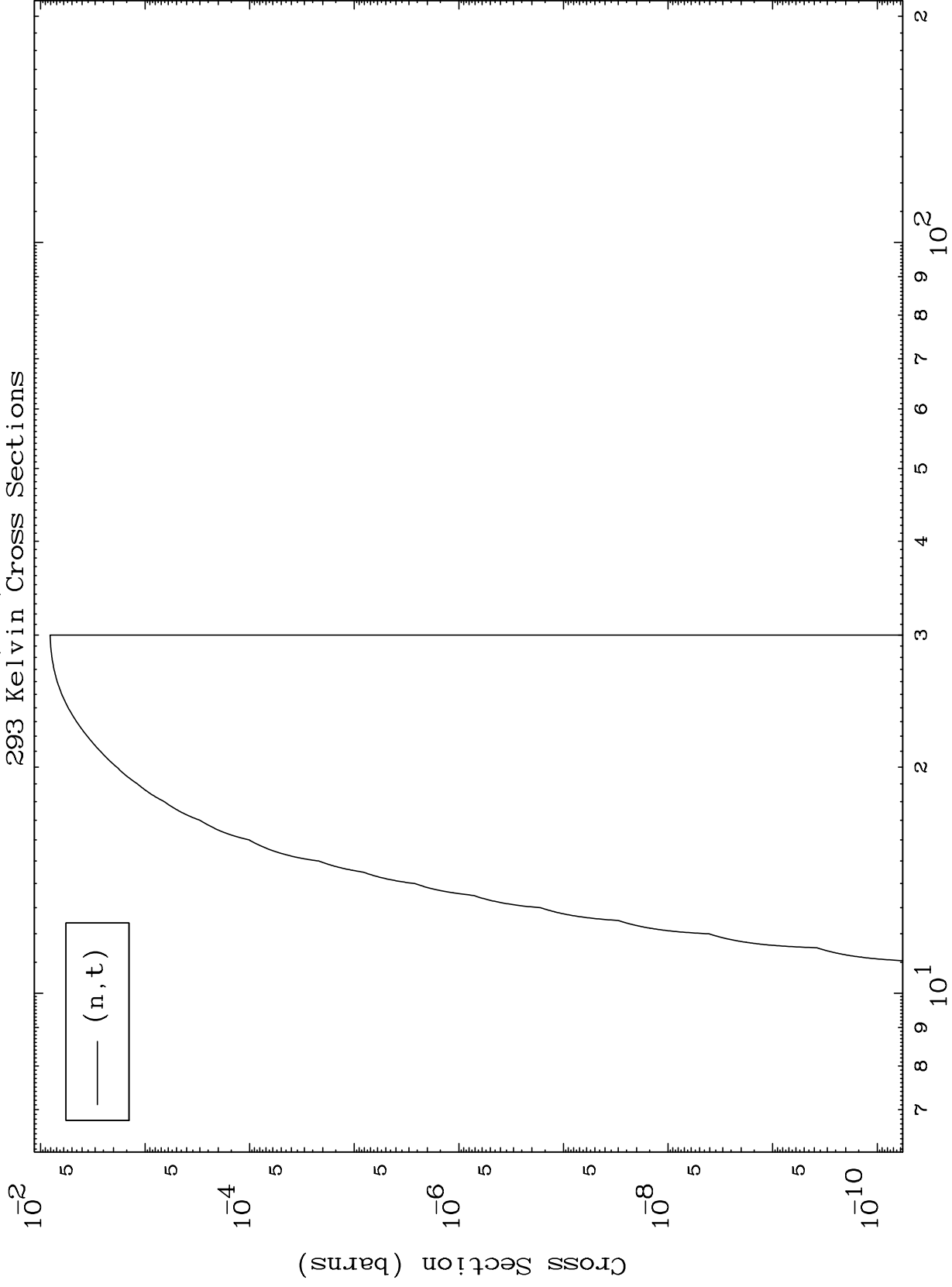
Incident Energy (MeV)

70-Yb-164

MAT 7013

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-164



12

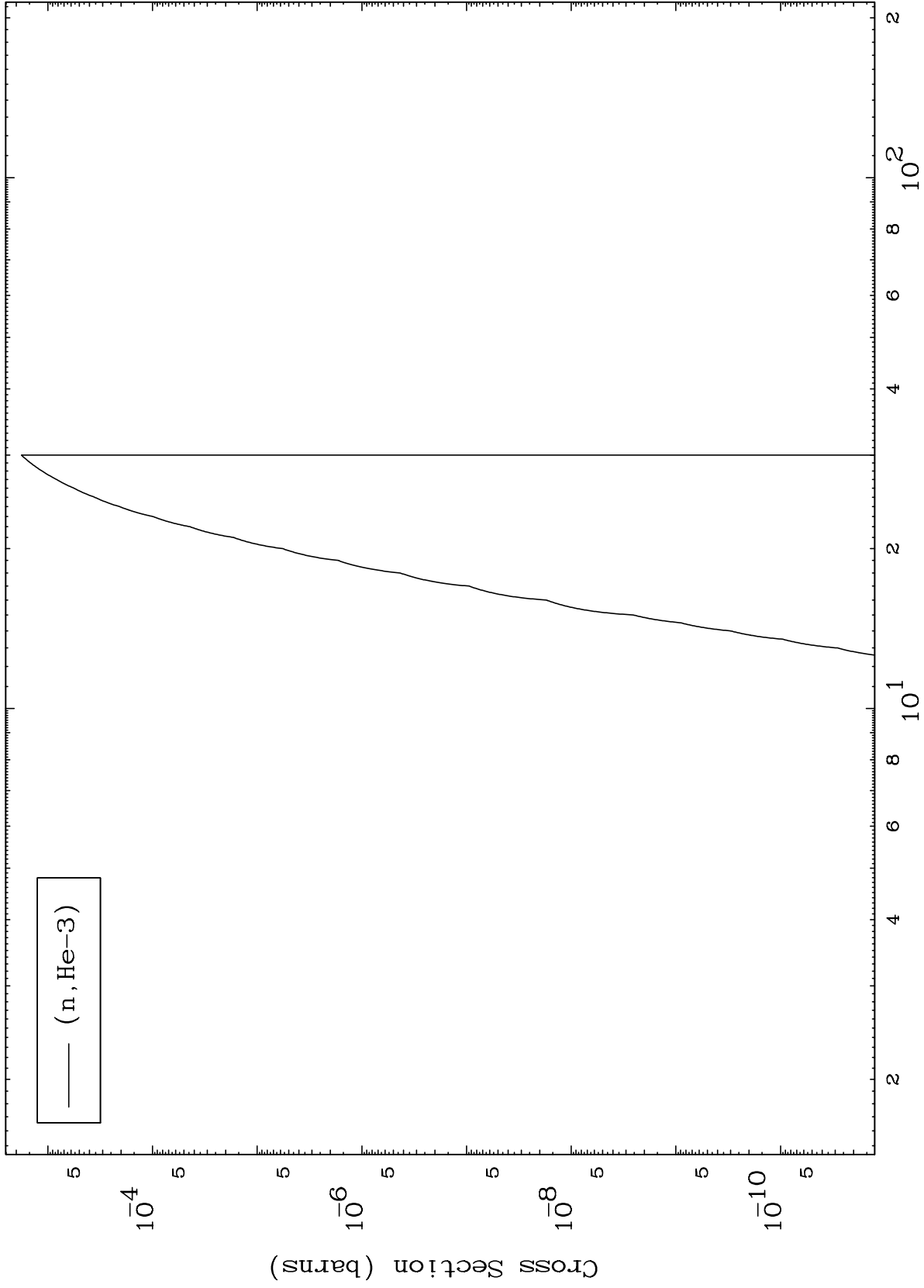
Incident Energy (MeV)

70-Yb-164

MAT 7013

(n,He3) Levels
293 Kelvin Cross Sections

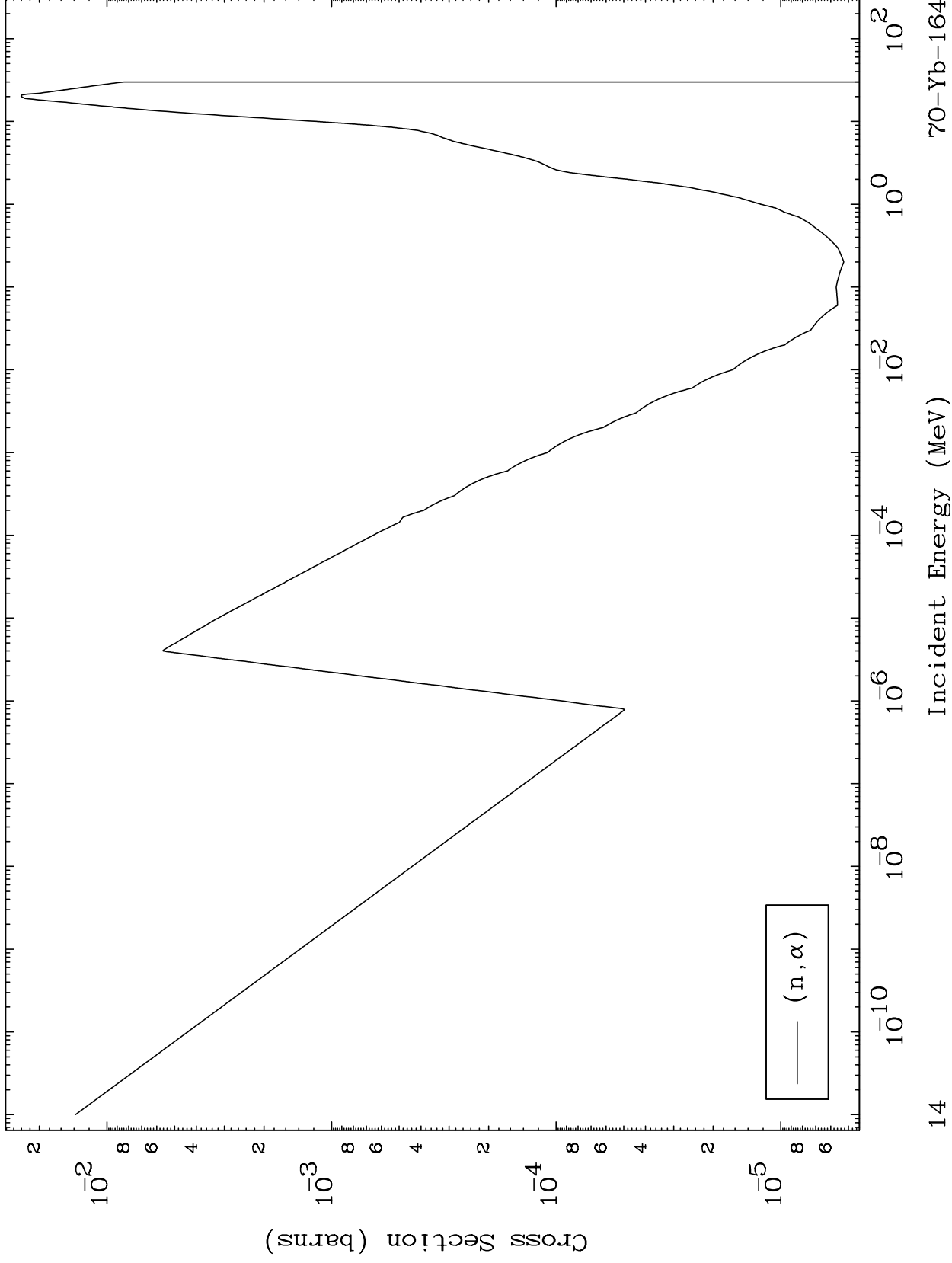
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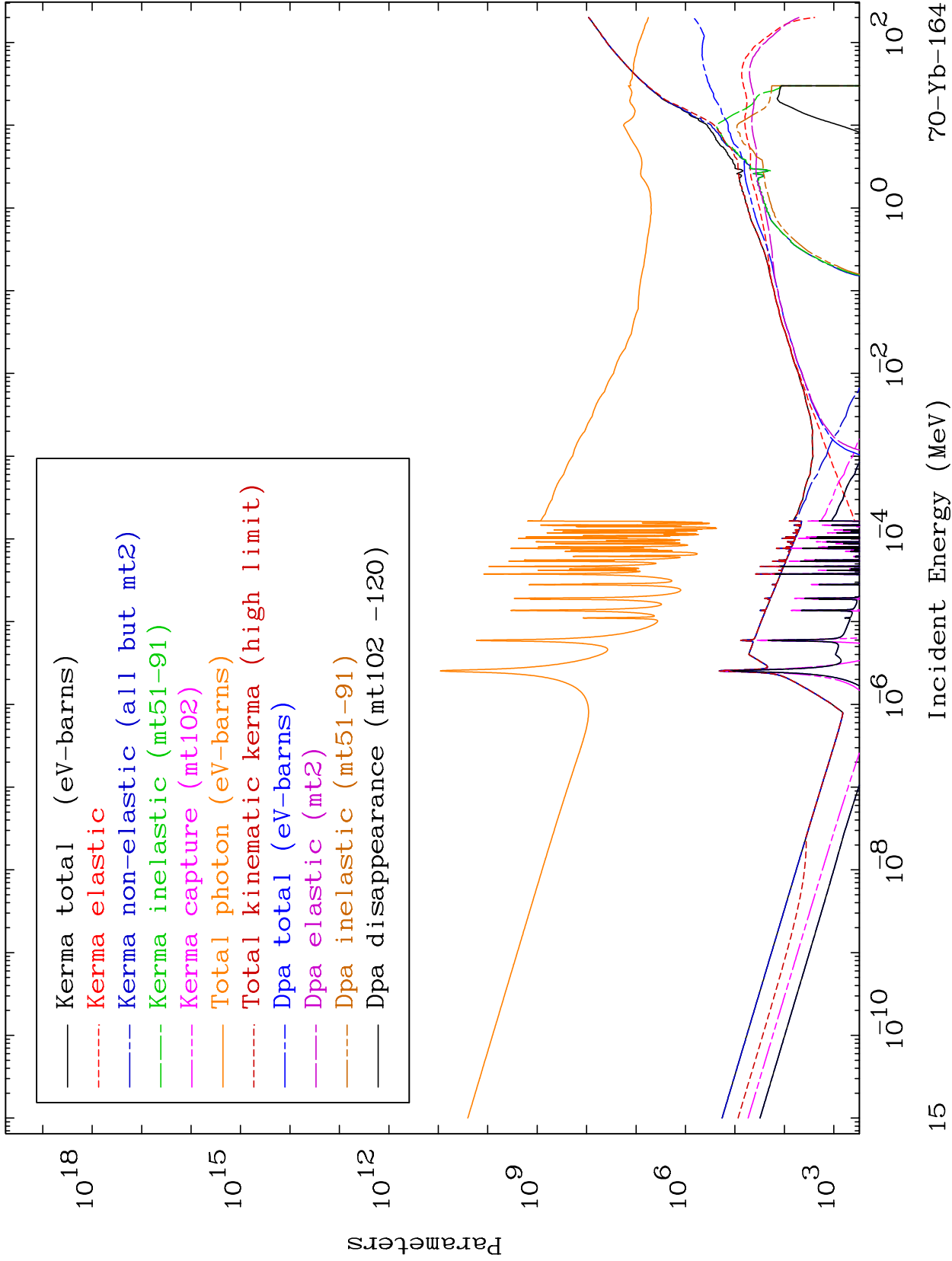


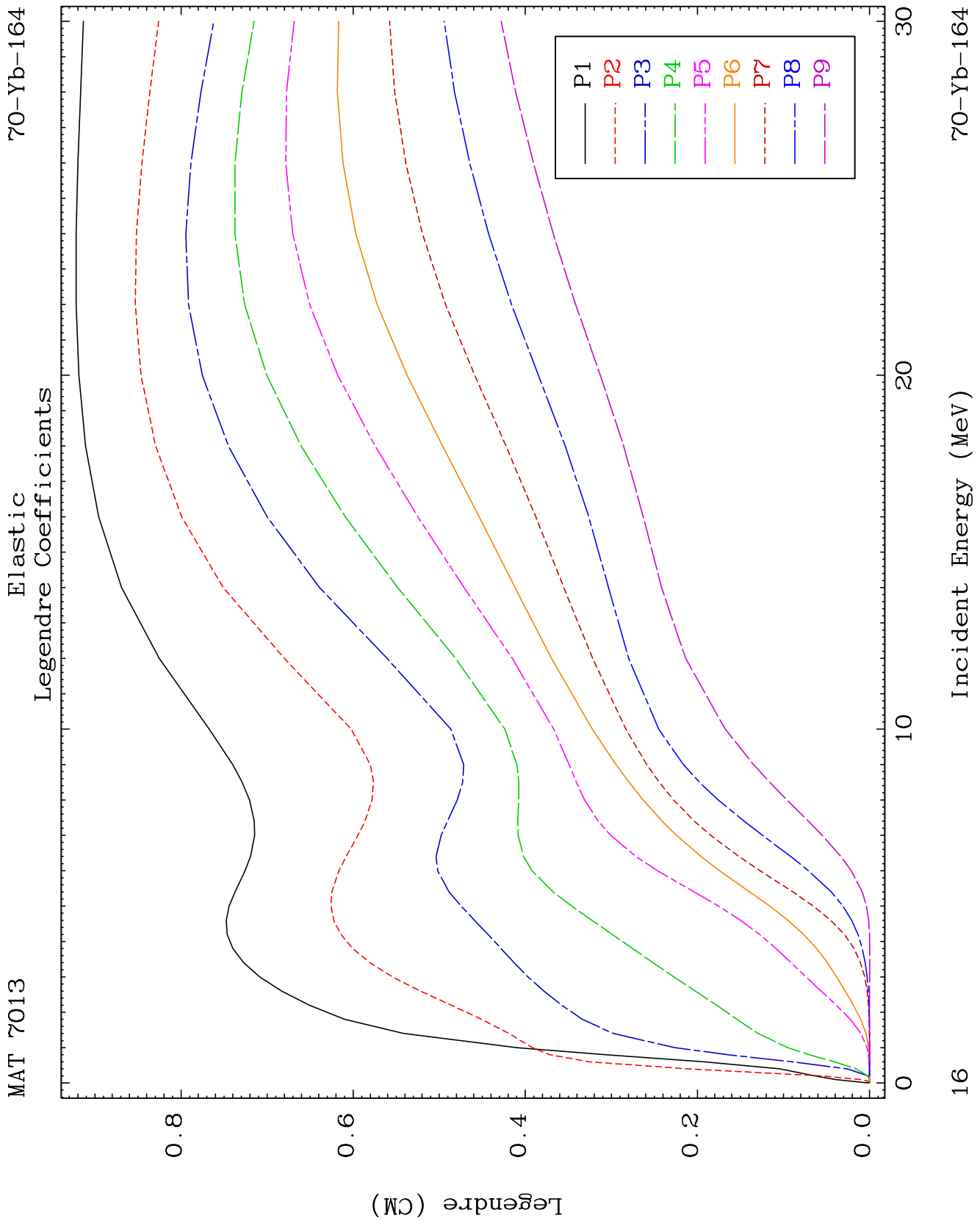
MAT 7013

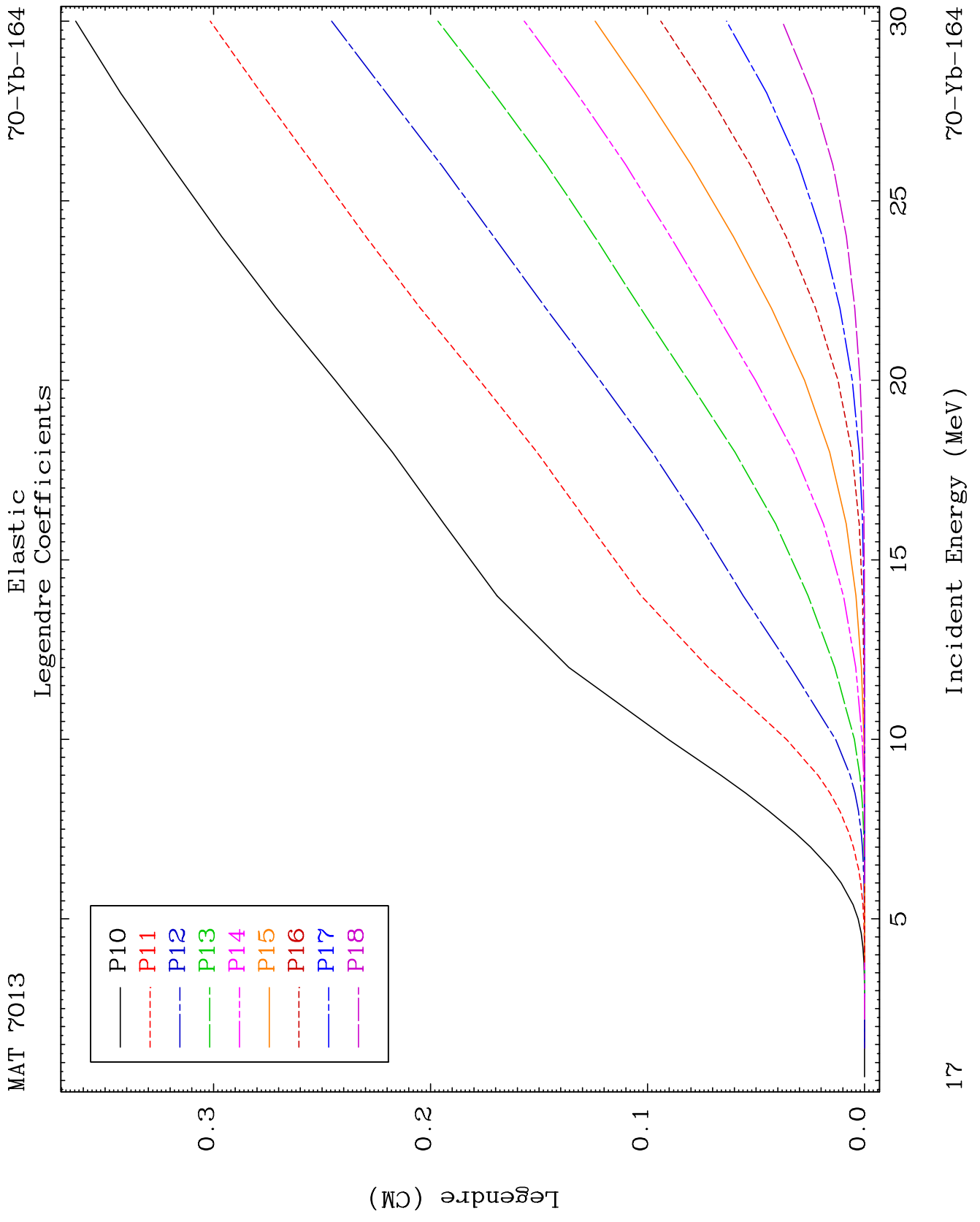
(n, α) Levels
293 Kelvin Cross Sections

70-Yb-164





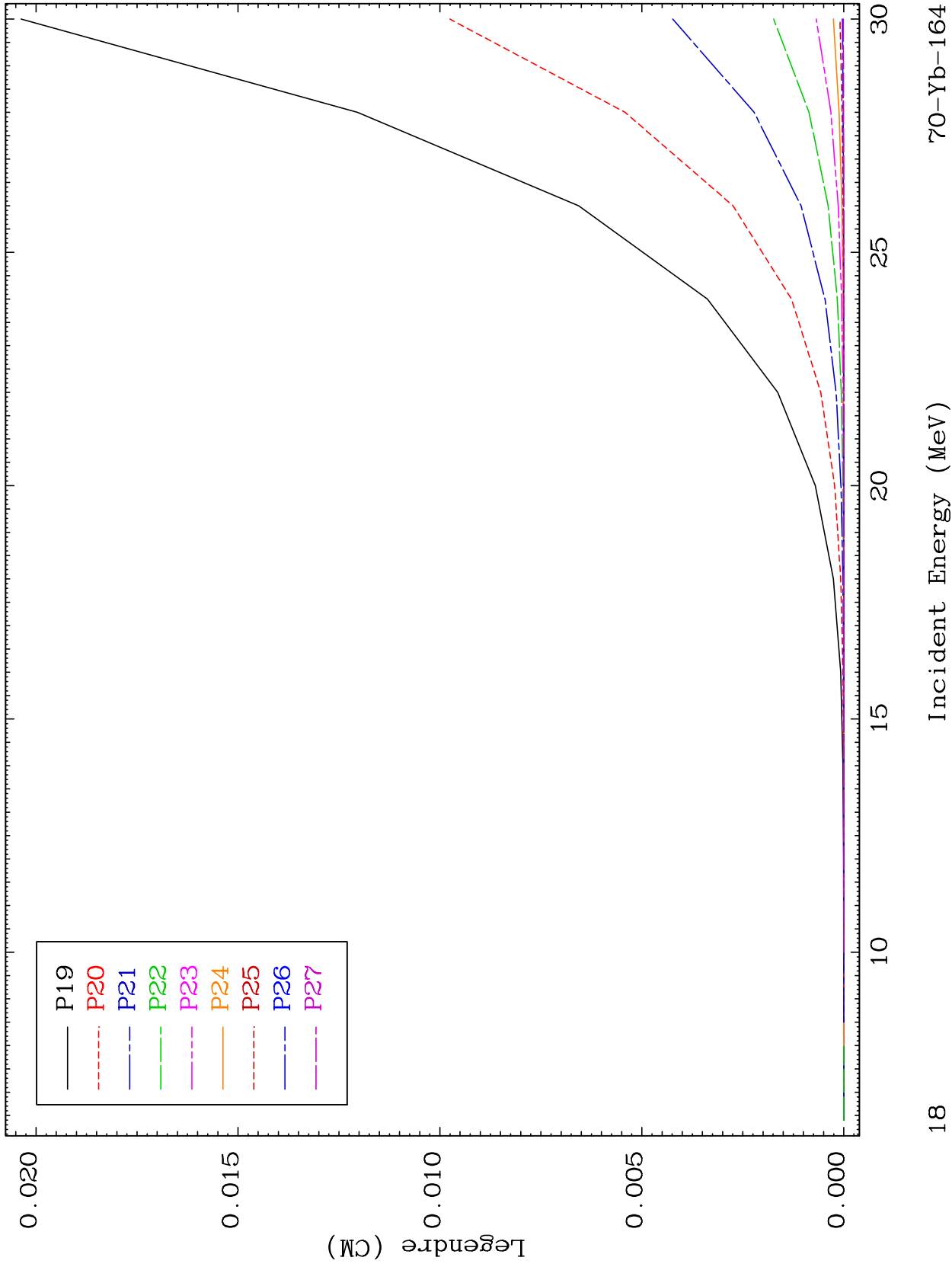




MAT 7013

Elastic Legendre Coefficients

70-Yb-164

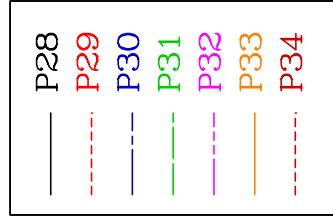


18

MAT 7013

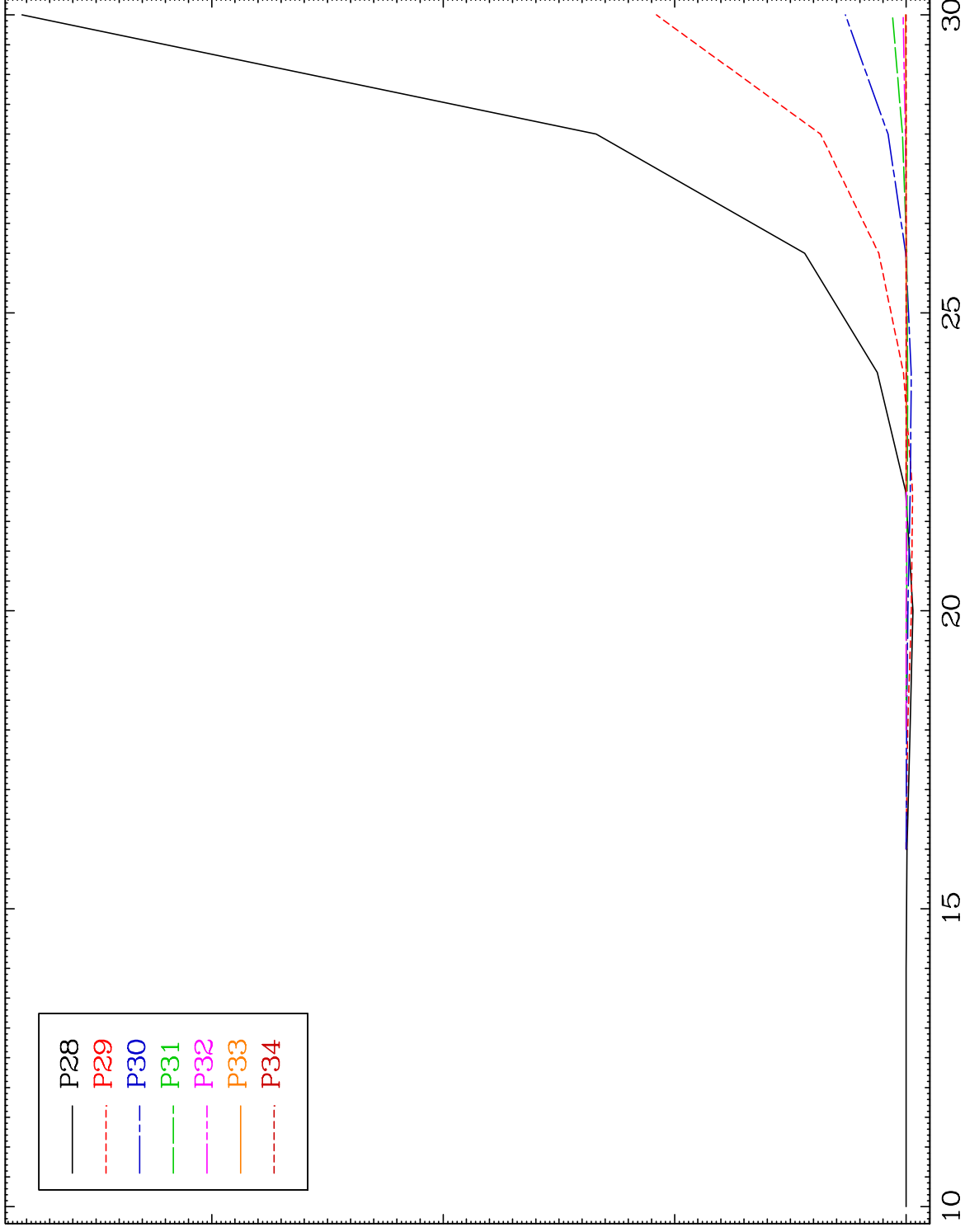
Elastic
Legendre Coefficients

70-Yb-164



$\times 10^{-6}$

Legendre (CM)



10

15

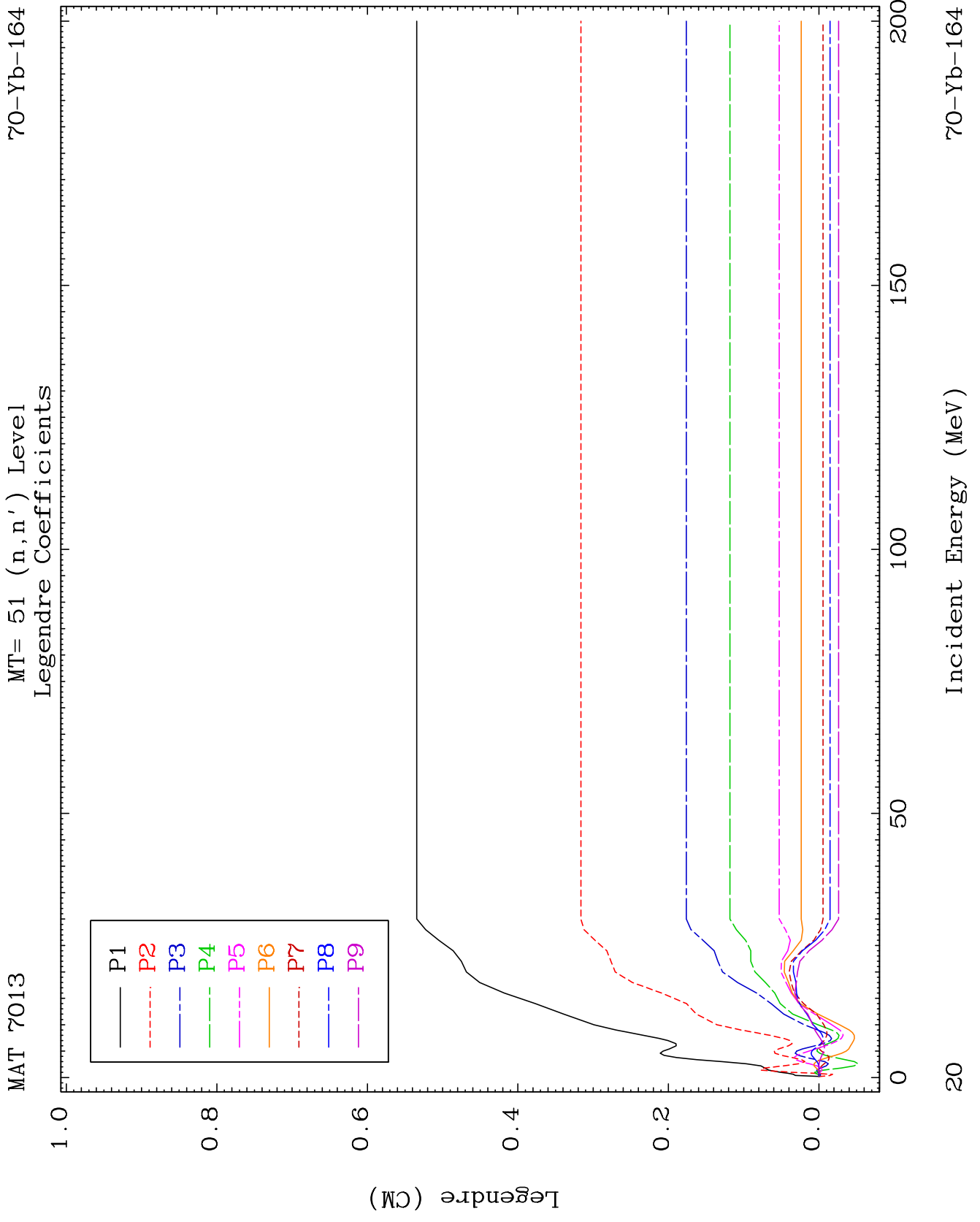
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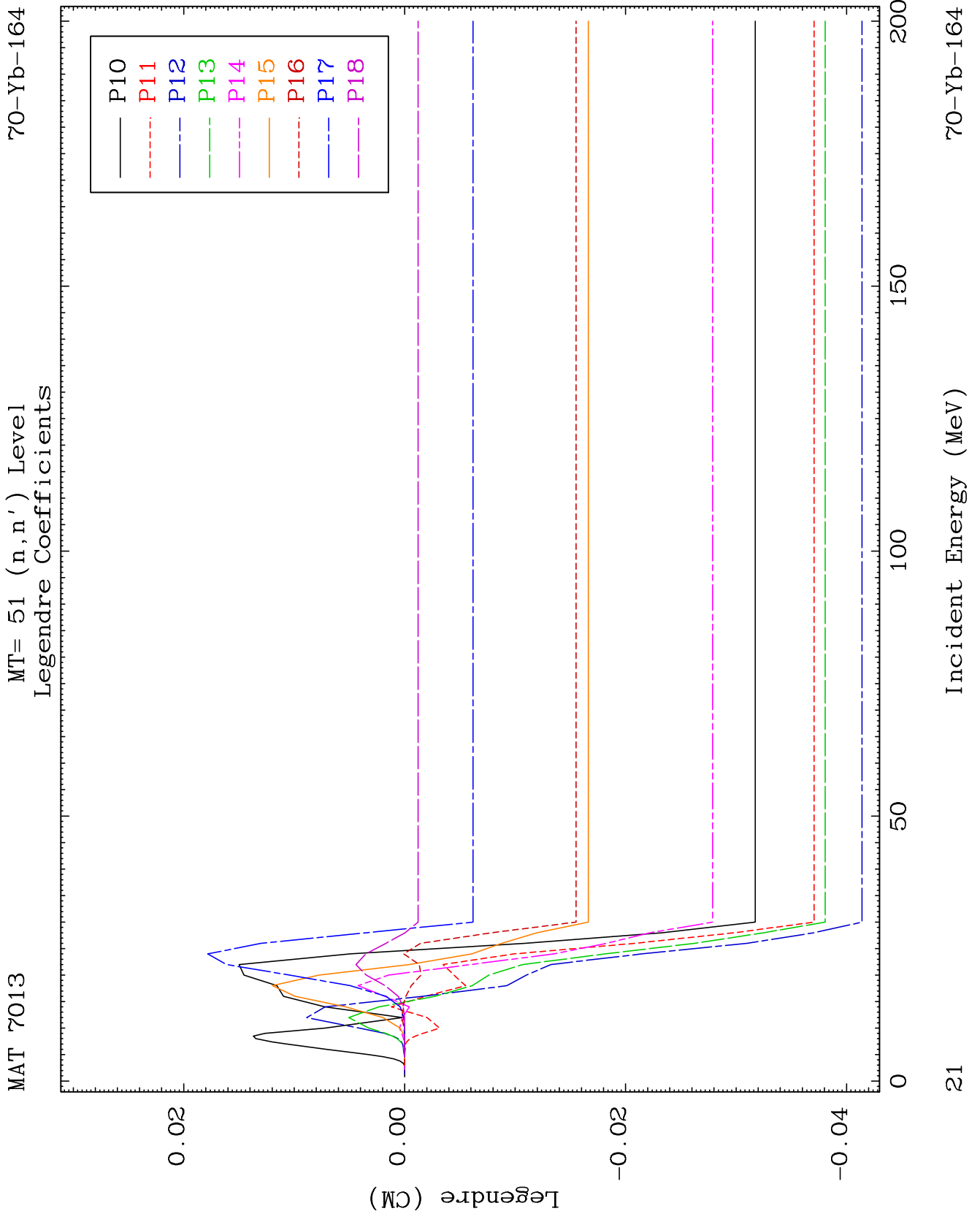
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30

Incident Energy (MeV)

70-Yb-164

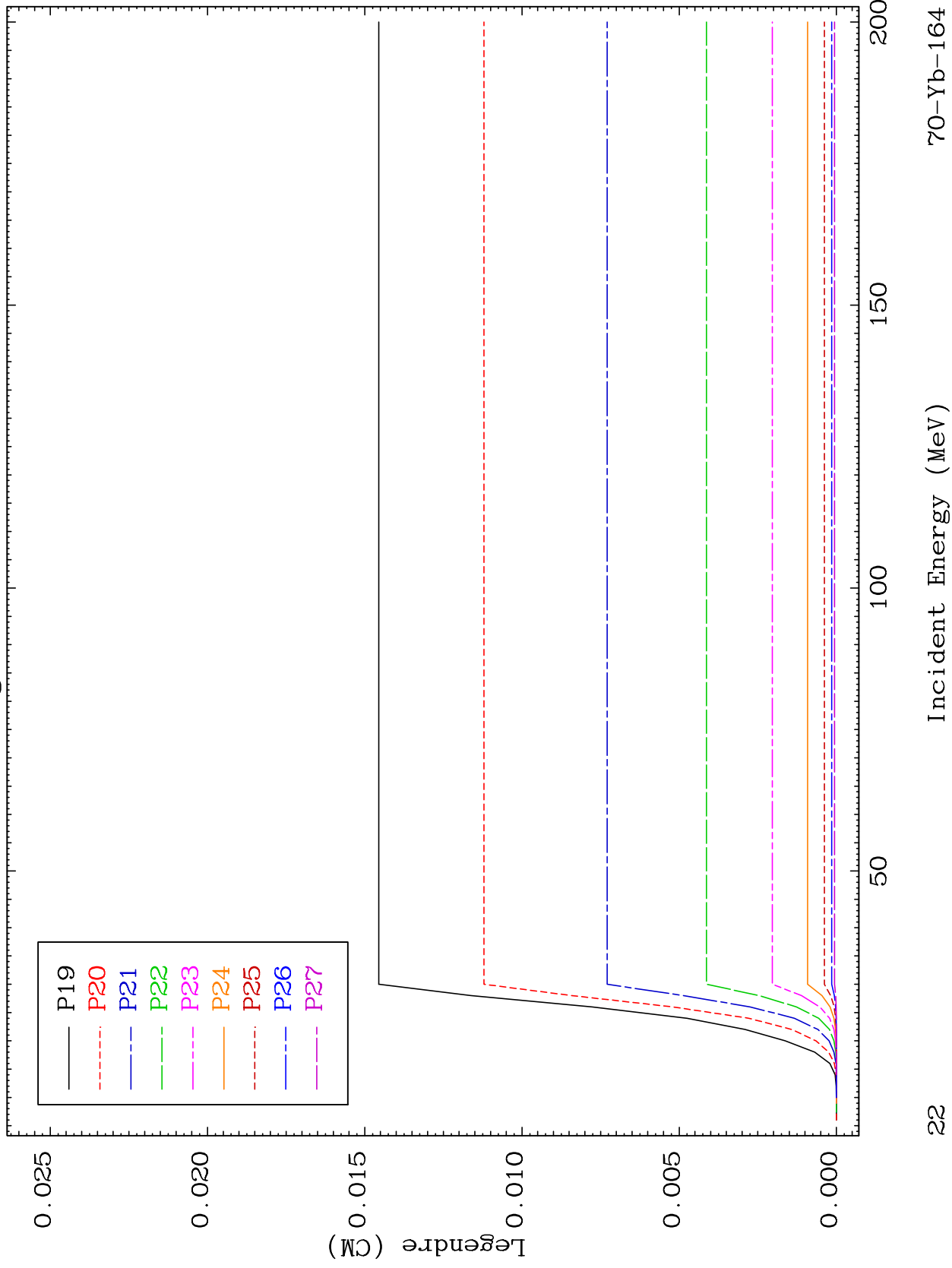


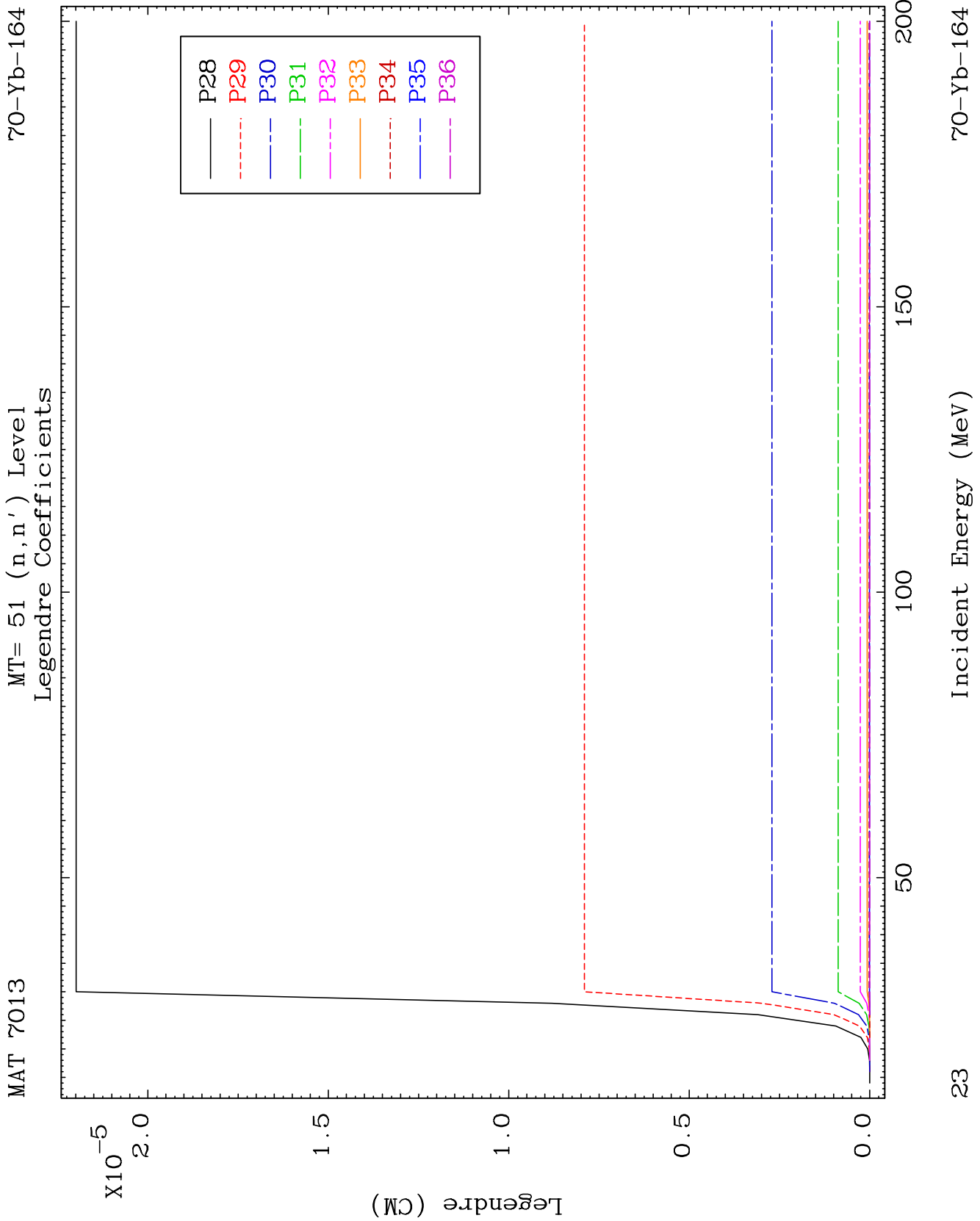


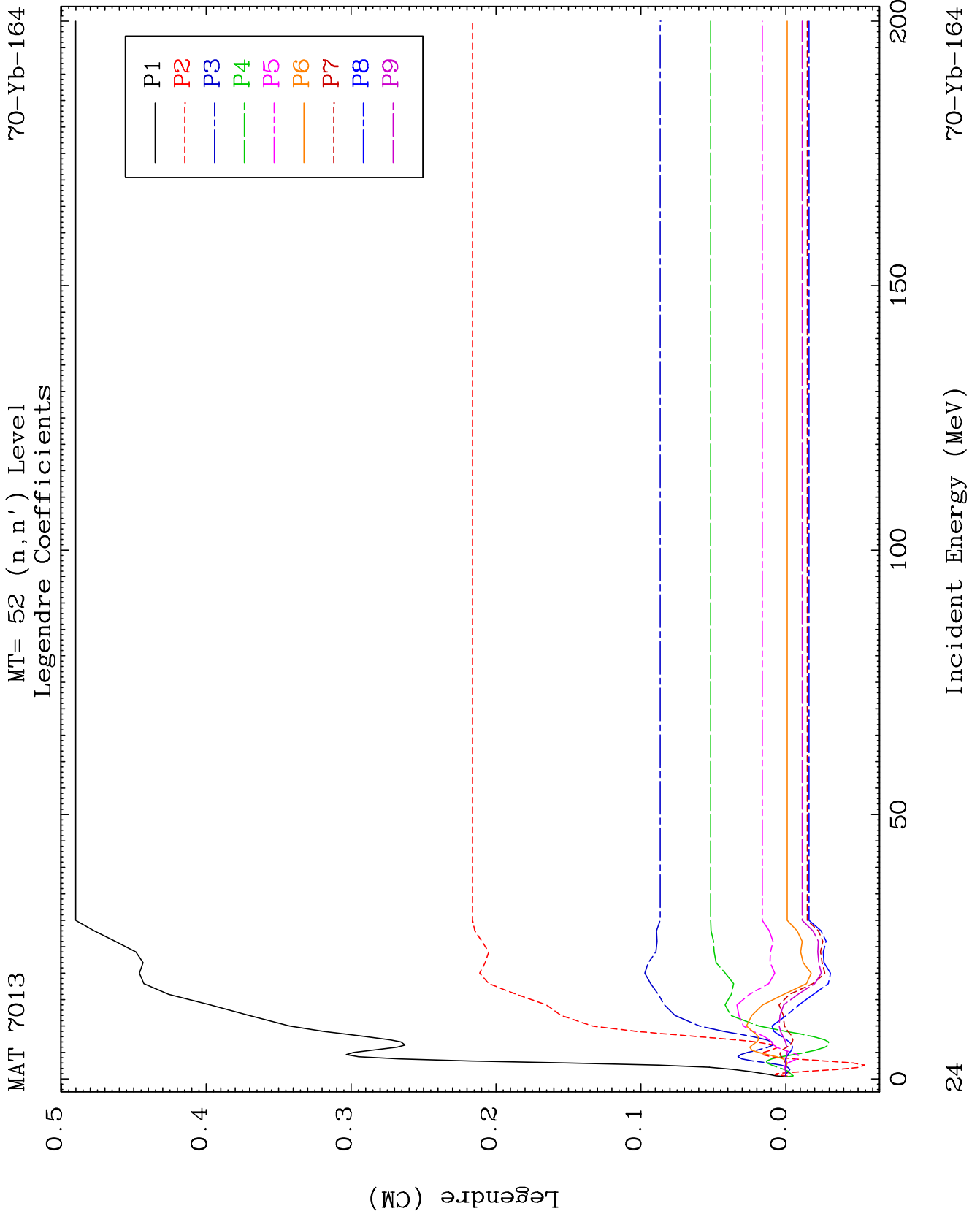
MAT 7013

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

70-Yb-164



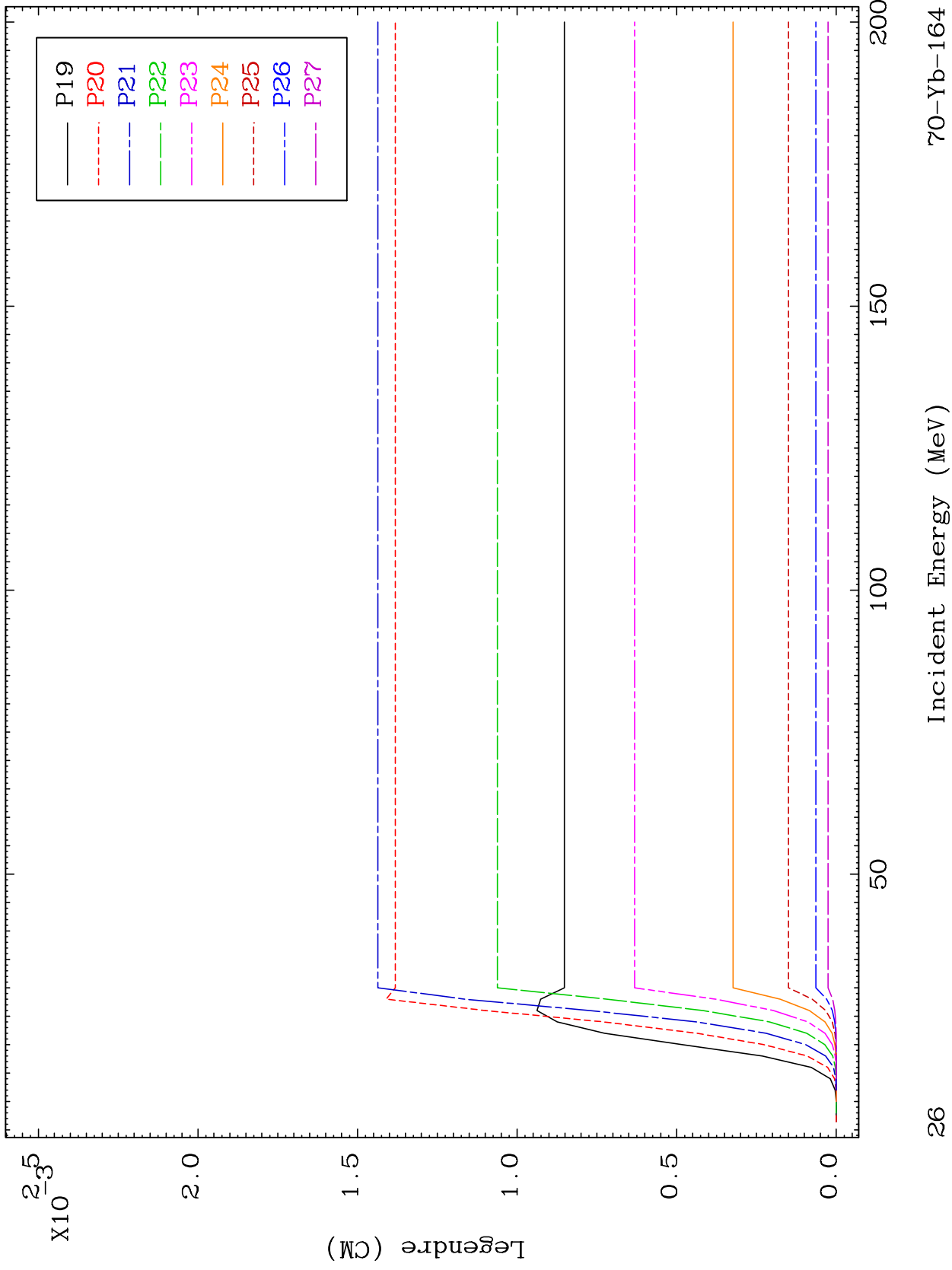




MAT 7013

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

70-Yb-164

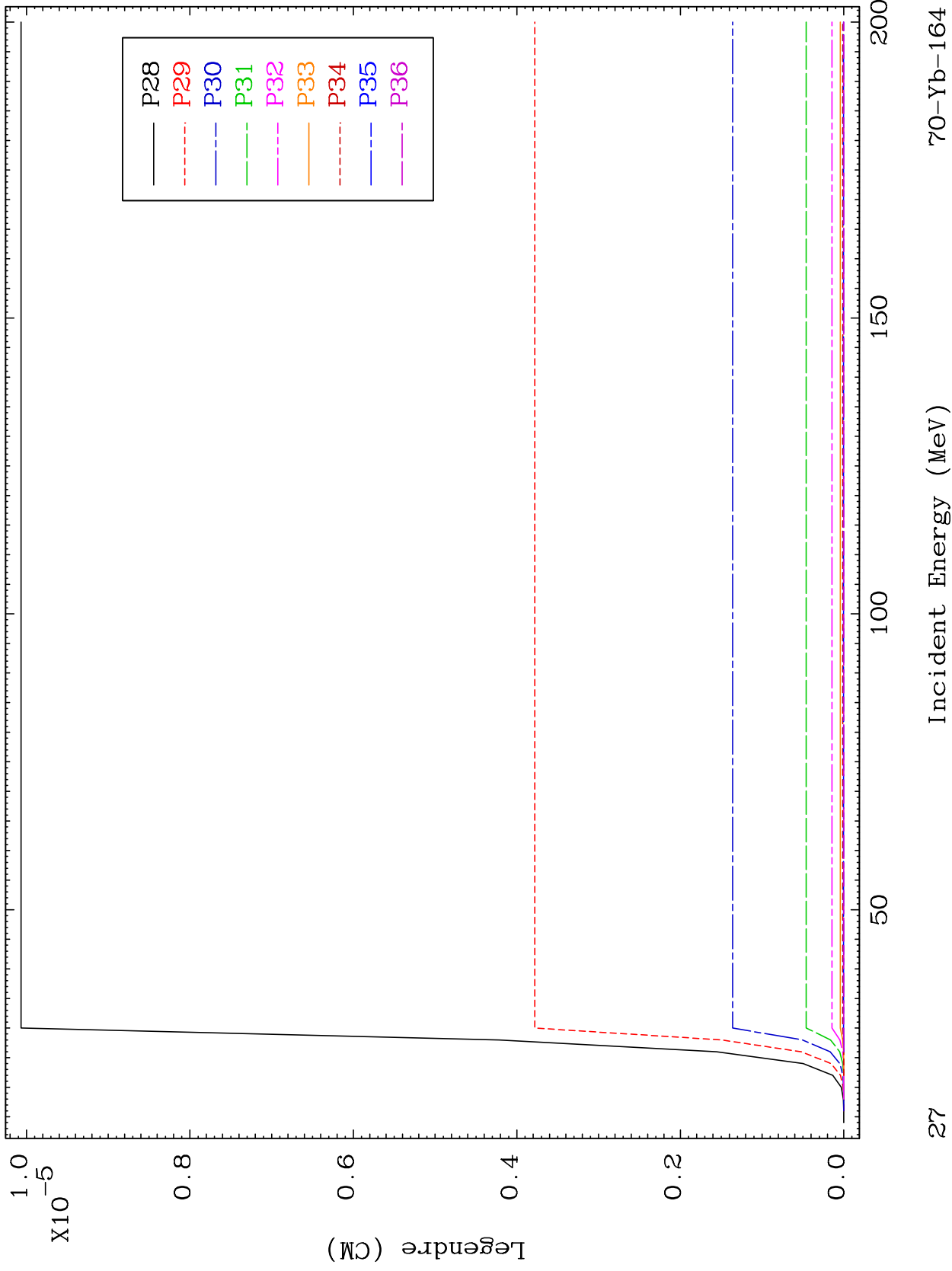


26

MAT 7013

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

70-Yb-164



27

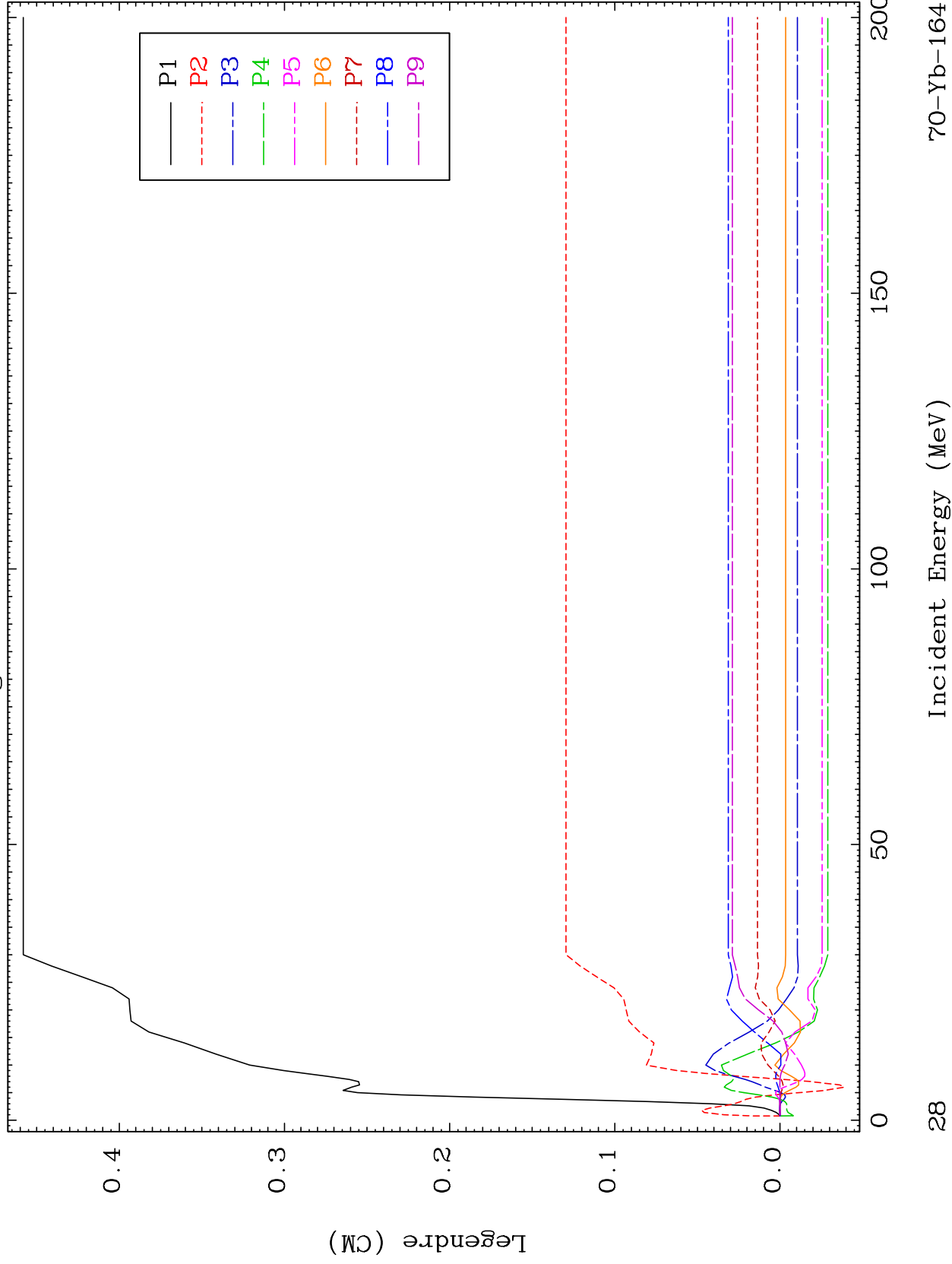
Incident Energy (MeV)

70-Yb-164

MAT 7013

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

70-Yb-164



70-Yb-164

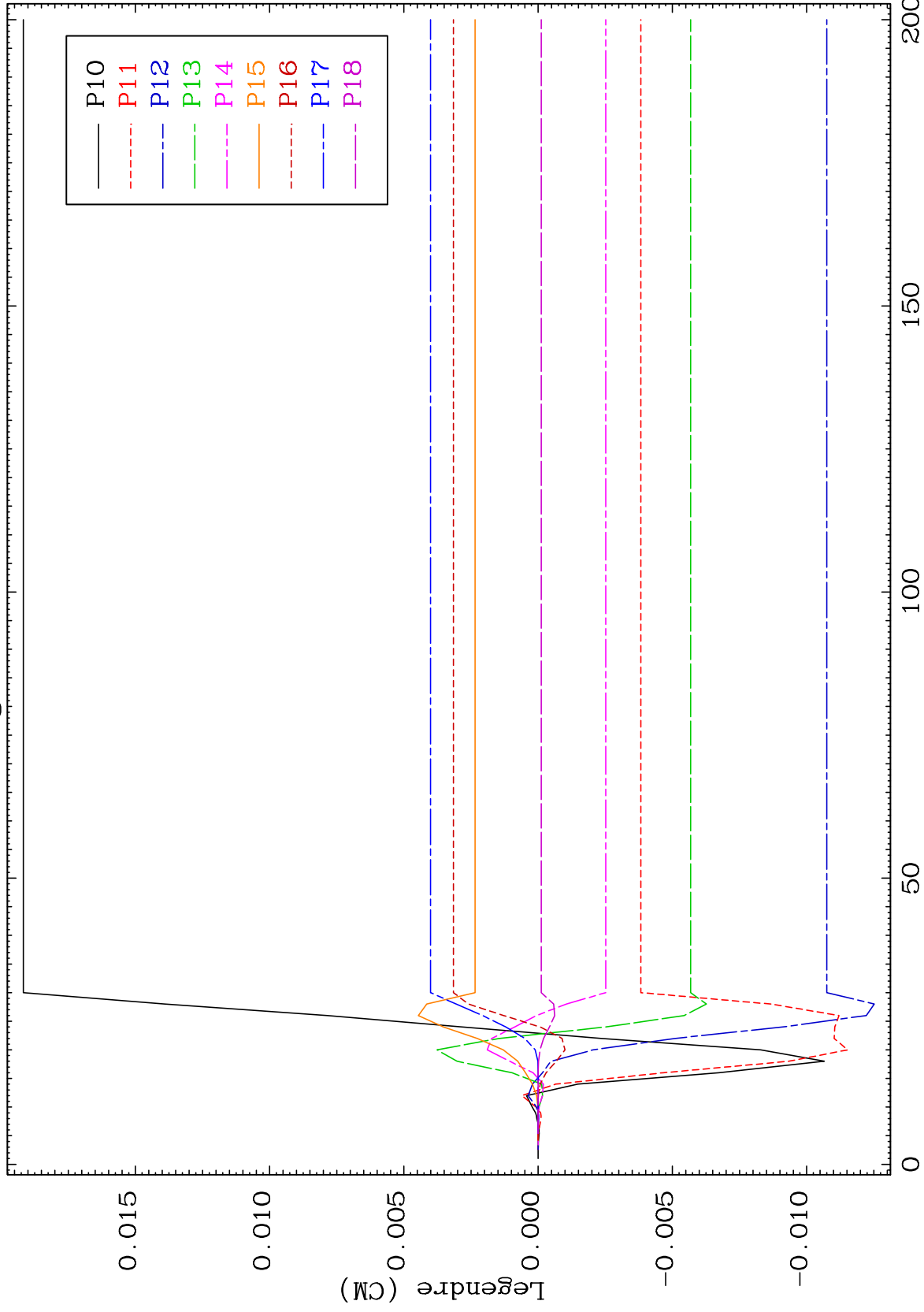
Incident Energy (MeV)

28

MAT 7013

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

70-Yb-164



29

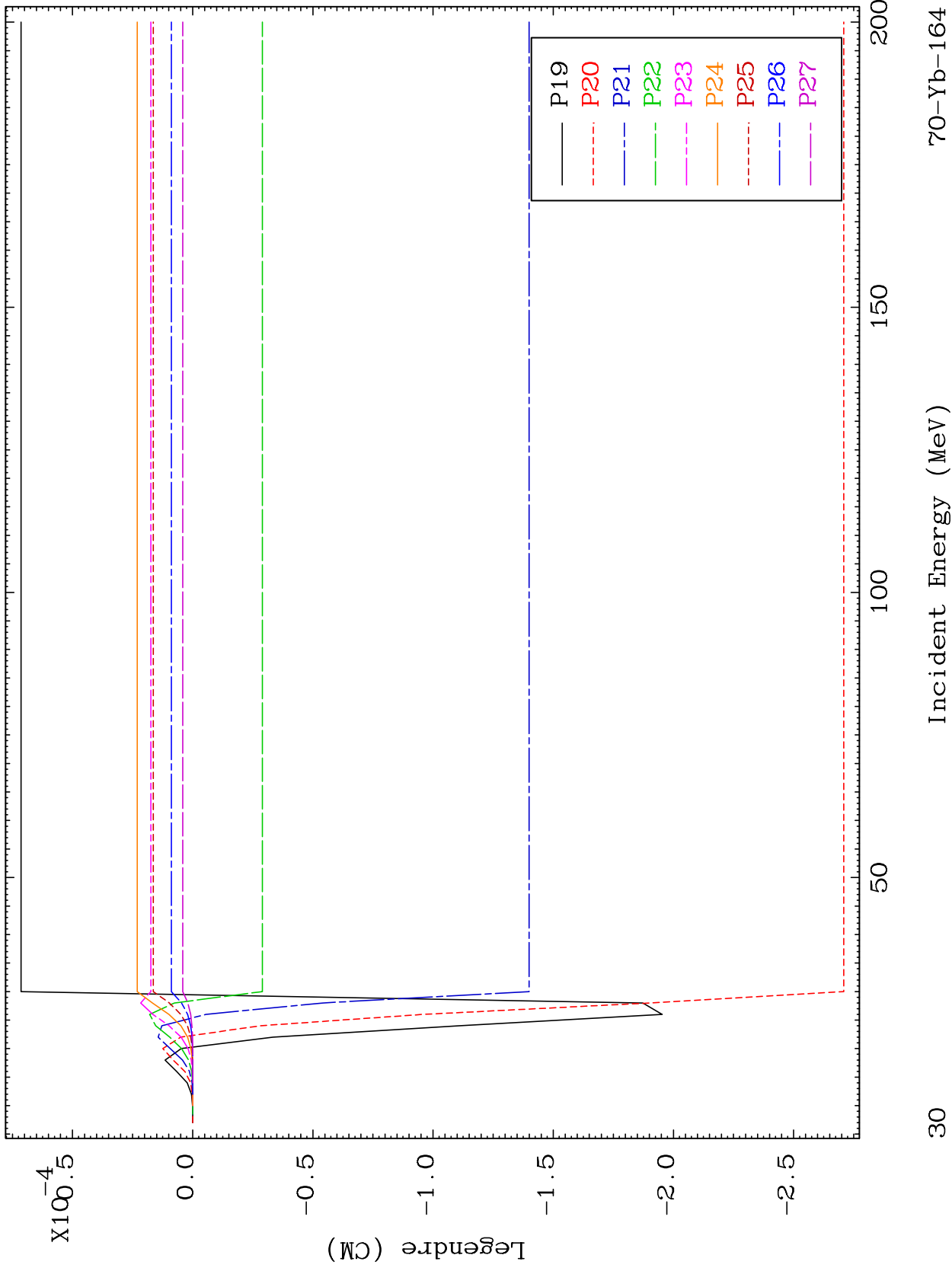
Incident Energy (MeV)

70-Yb-164

MAT 7013

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

70-Yb-164



30

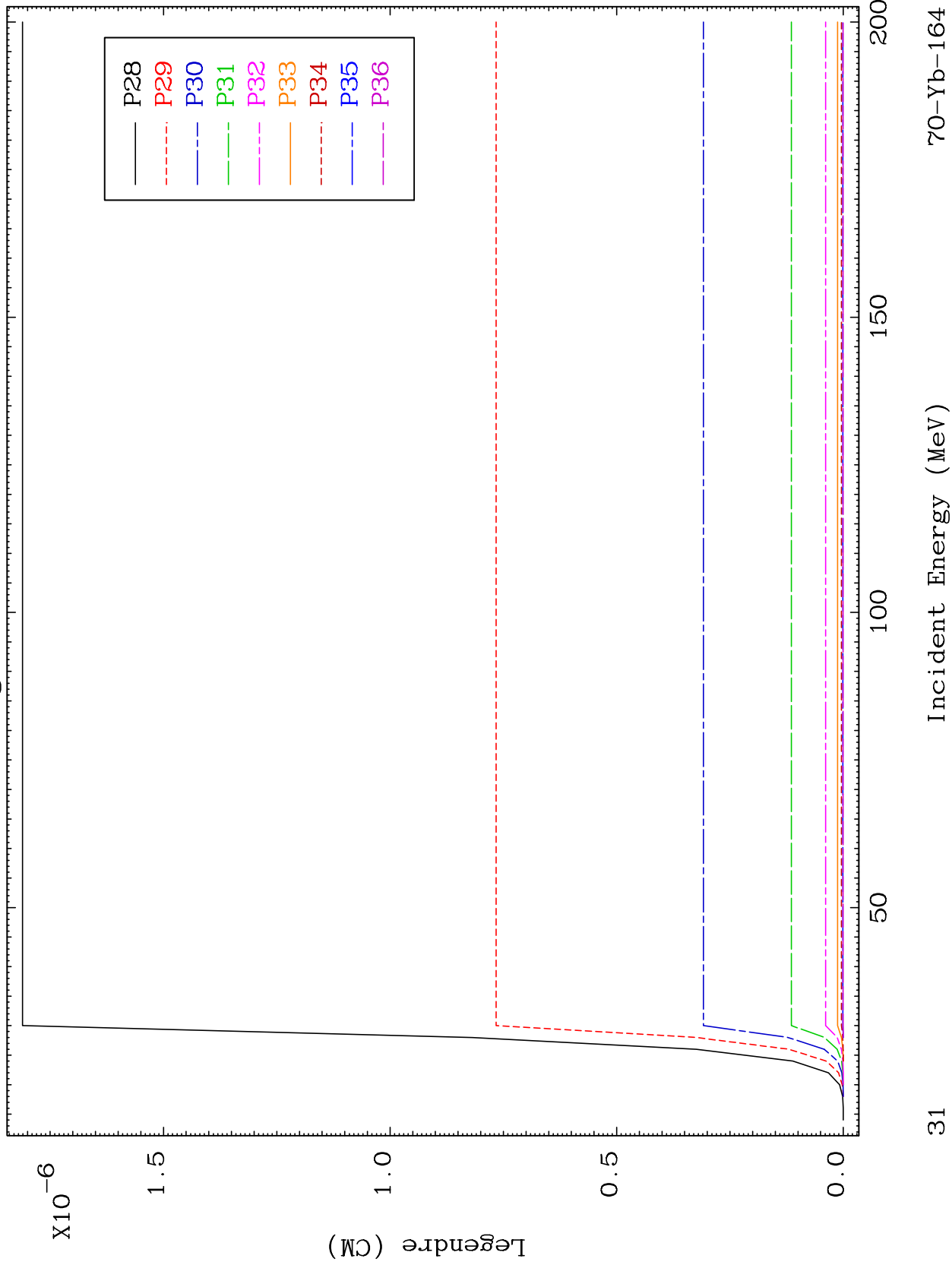
Incident Energy (MeV)

70-Yb-164

MAT 7013

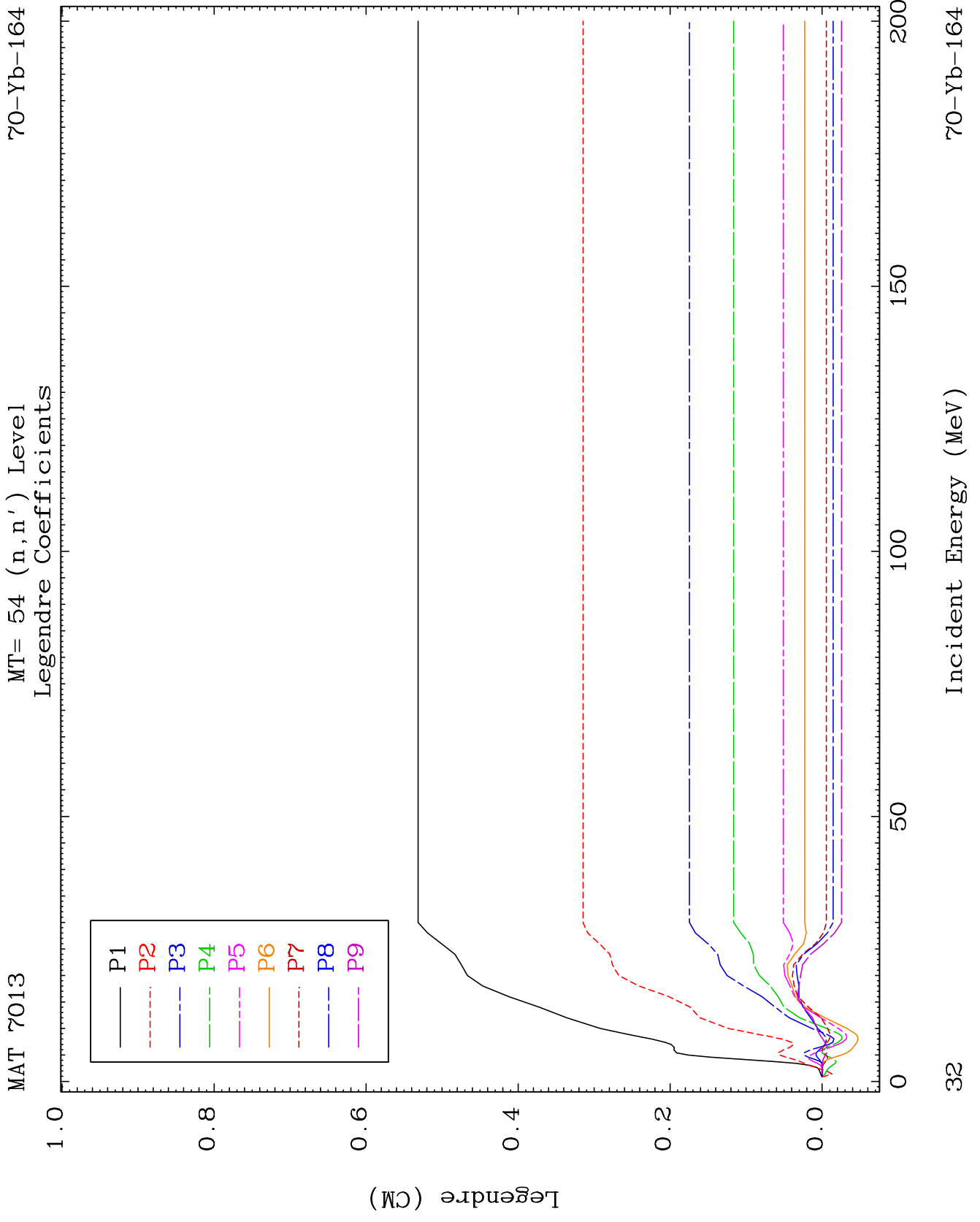
MT= 53 (n,n') Level
Legendre Coefficients

70-Yb-164



31

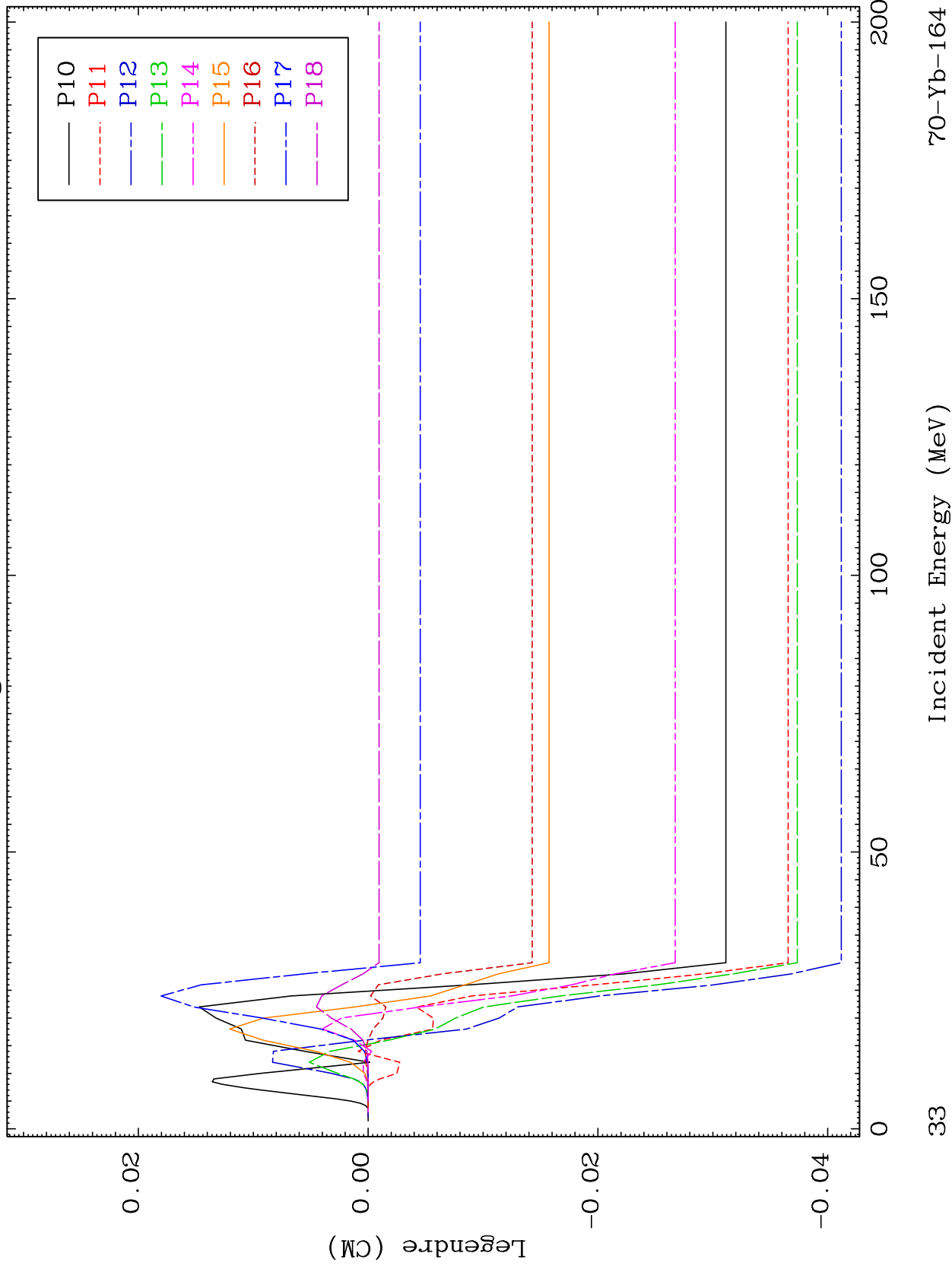
70-Yb-164



MAT 7013

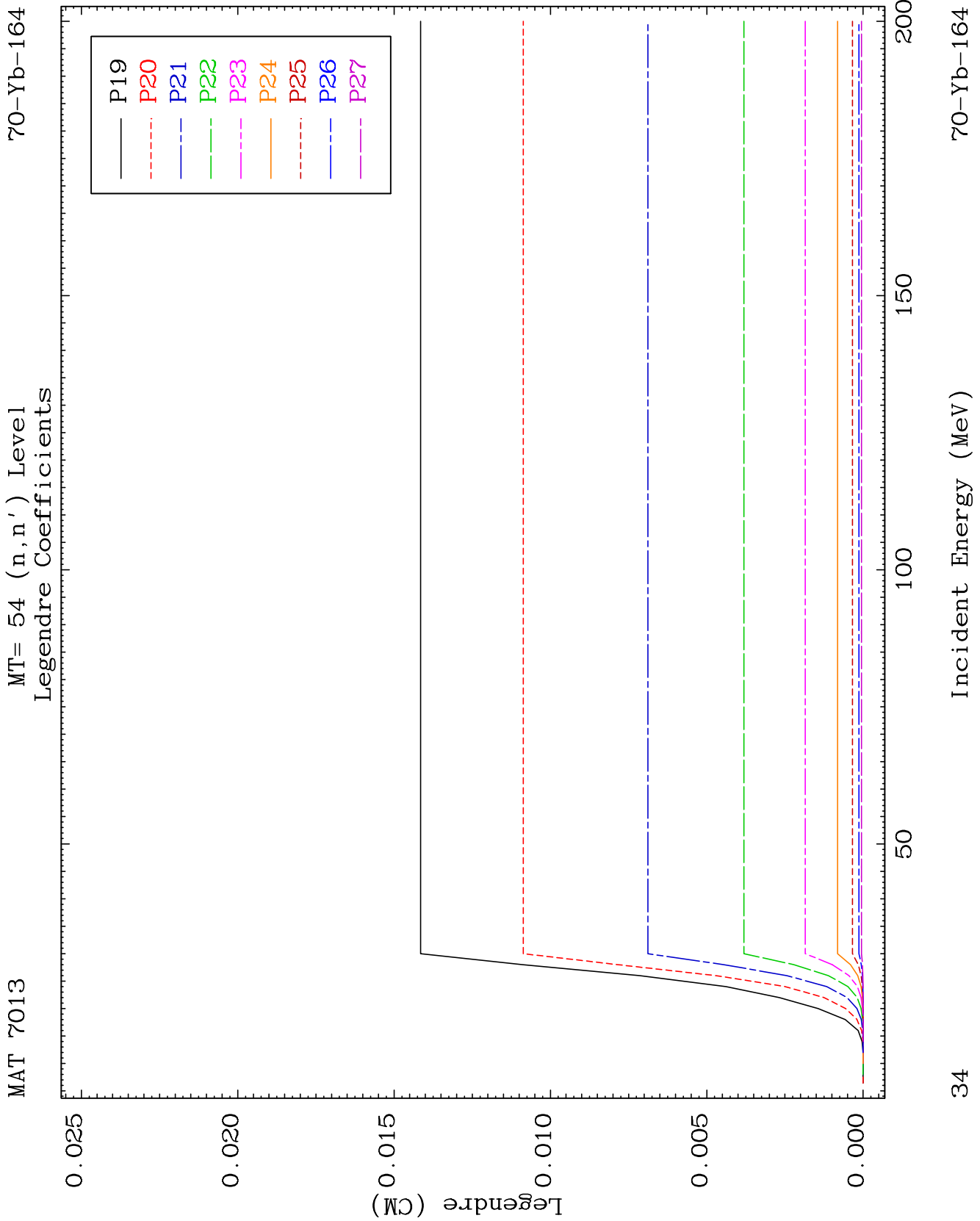
MT= 54 (n,n') Level
Legendre Coefficients

70-Yb-164



33

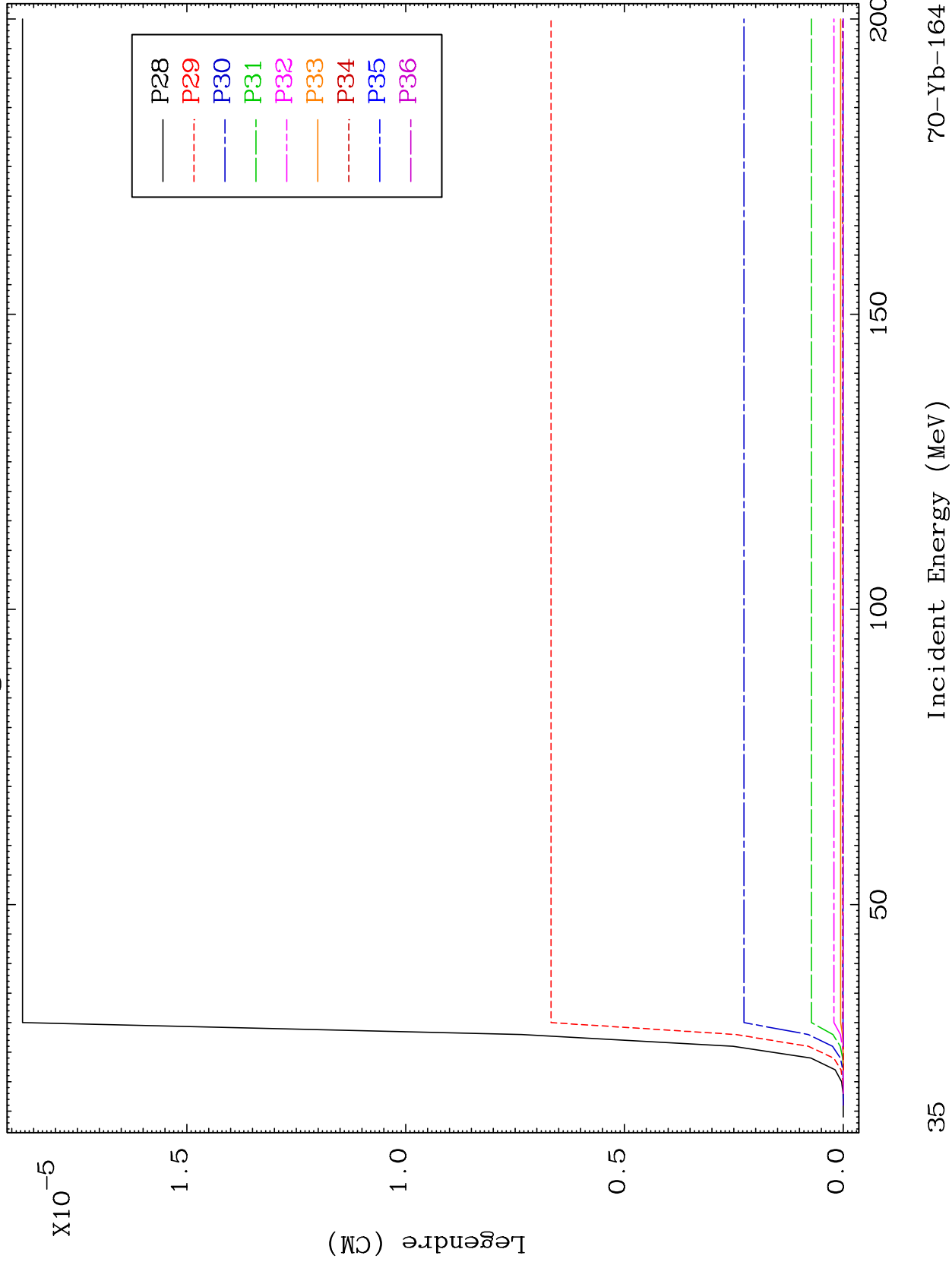
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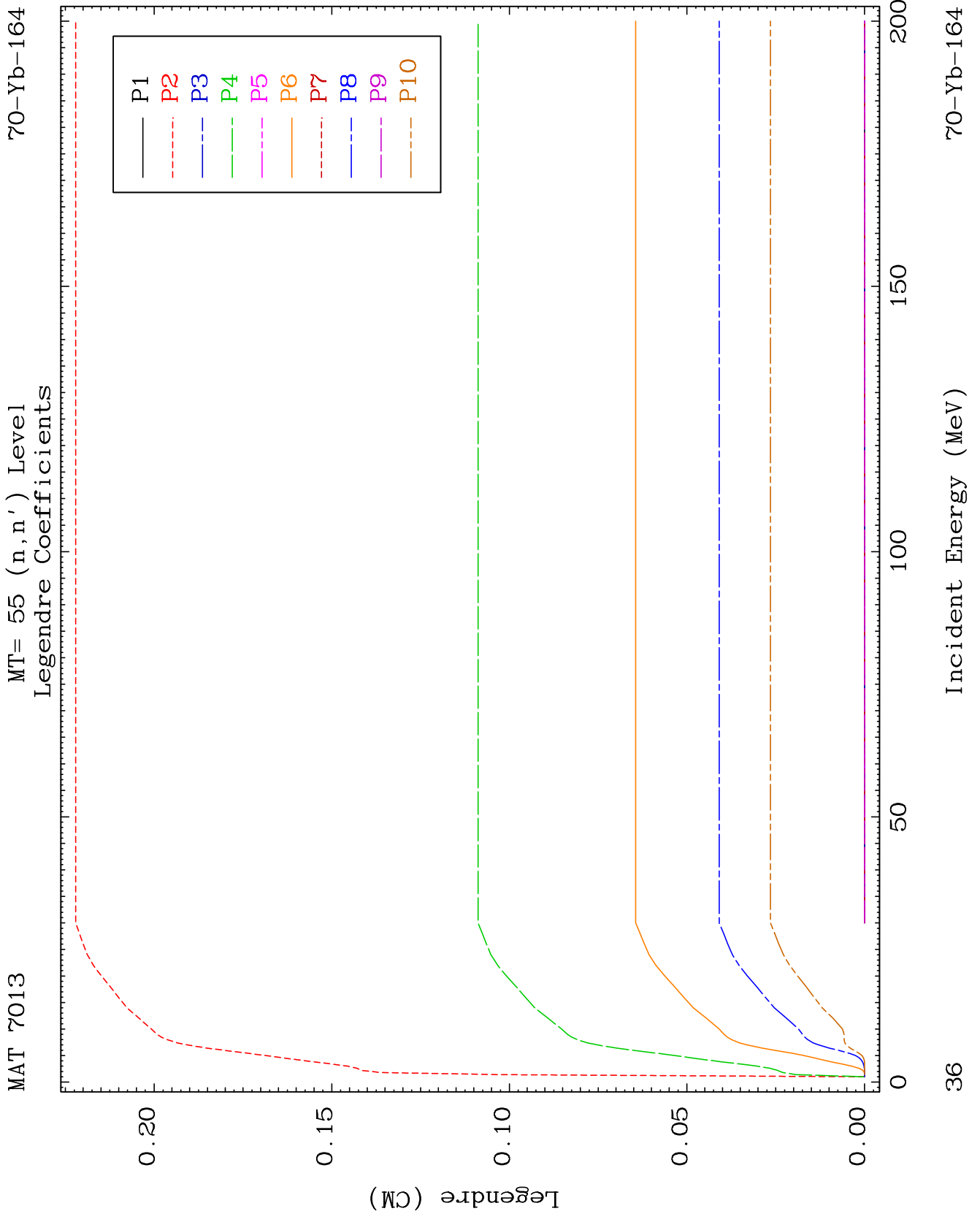


MAT 7013

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

70-Yb-164

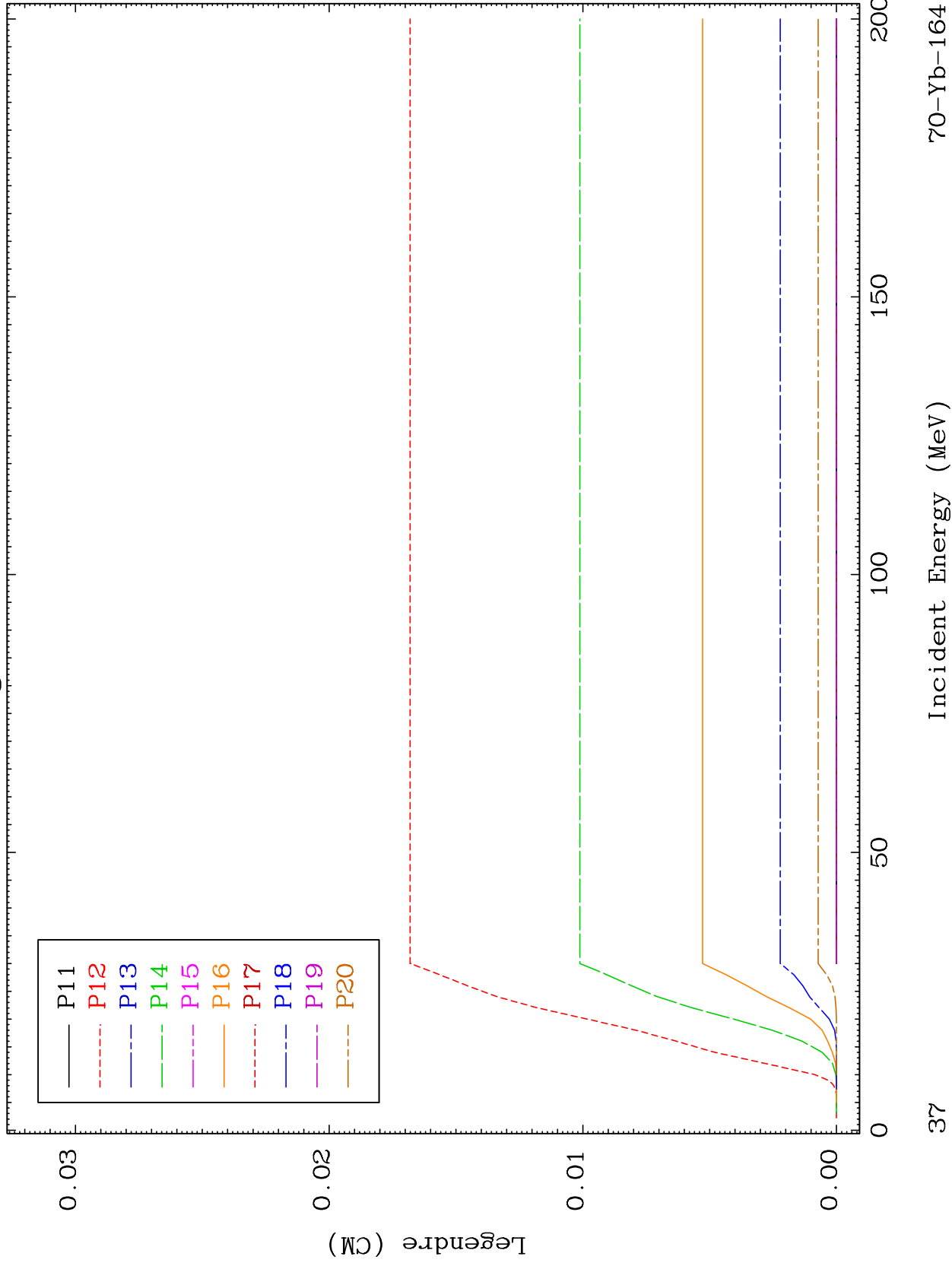




MAT 7013

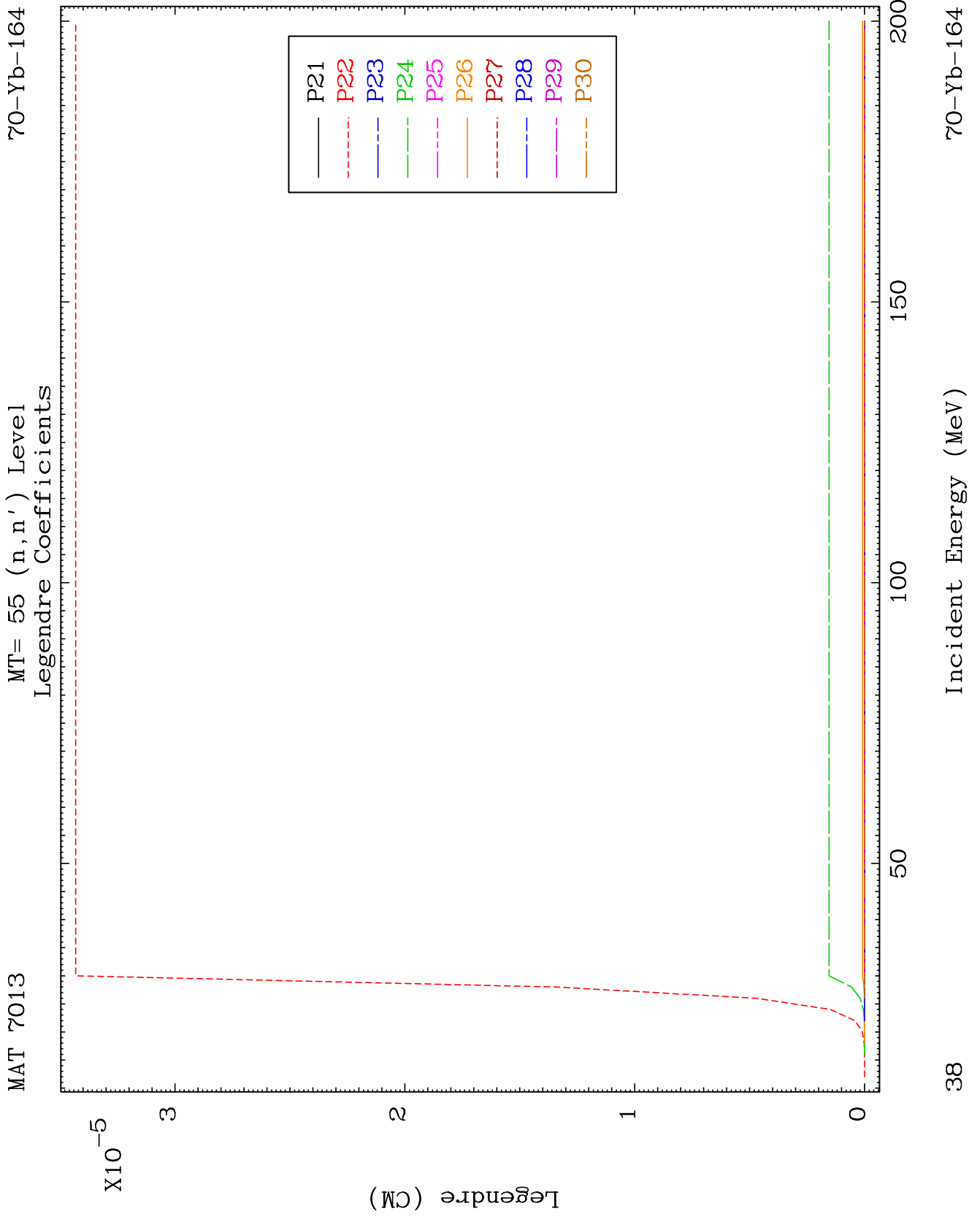
MT= 55 (n,n') Level
Legendre Coefficients

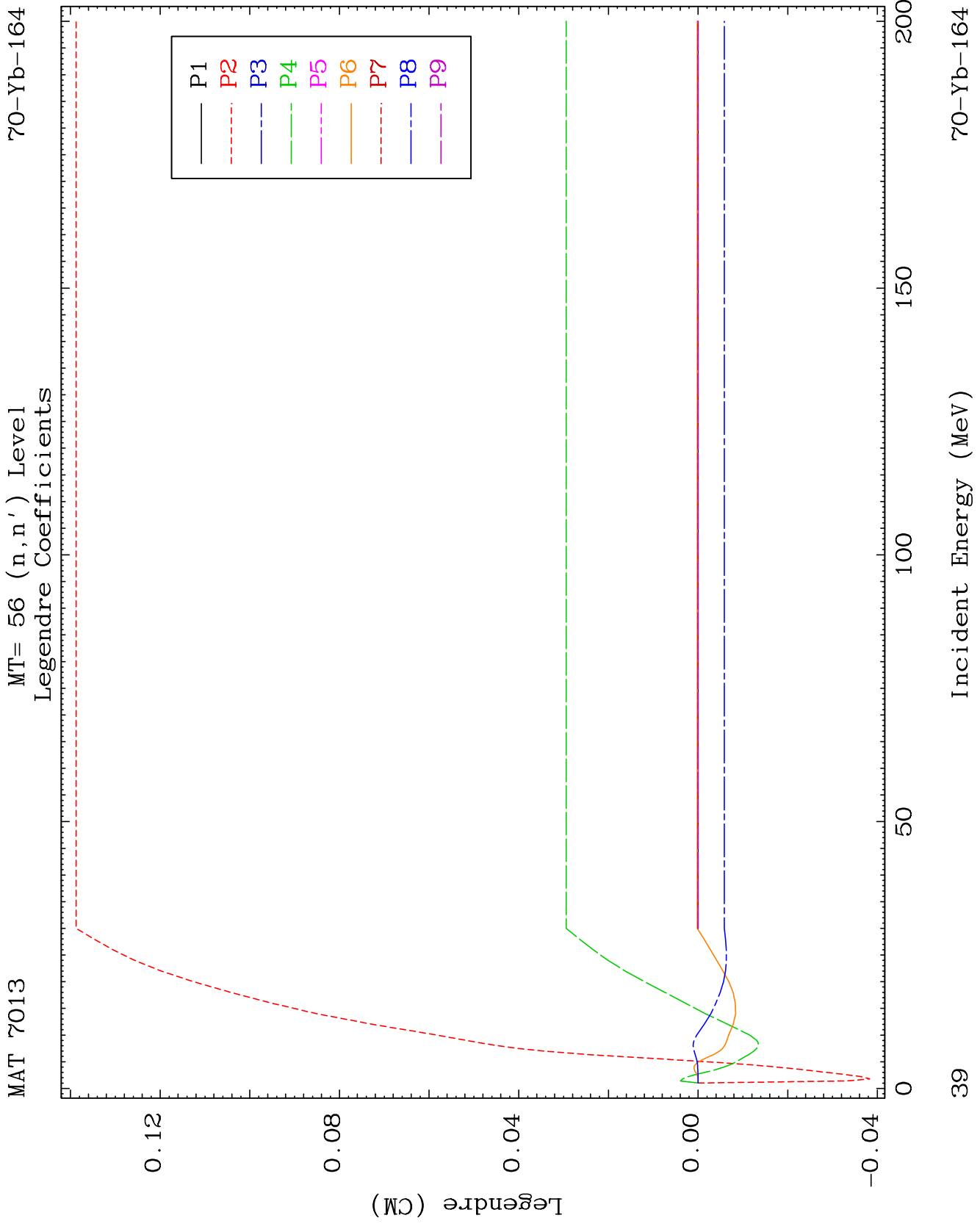
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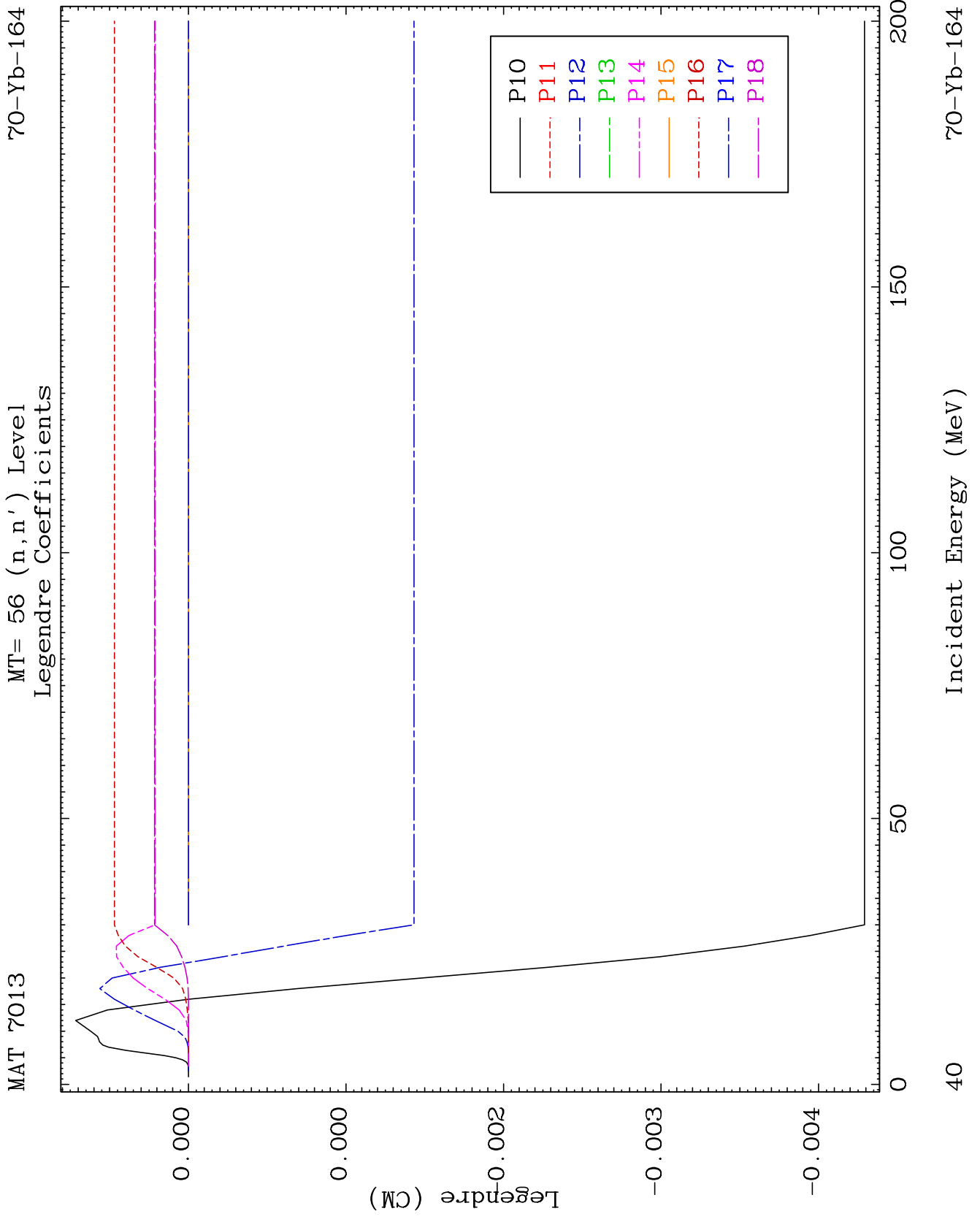


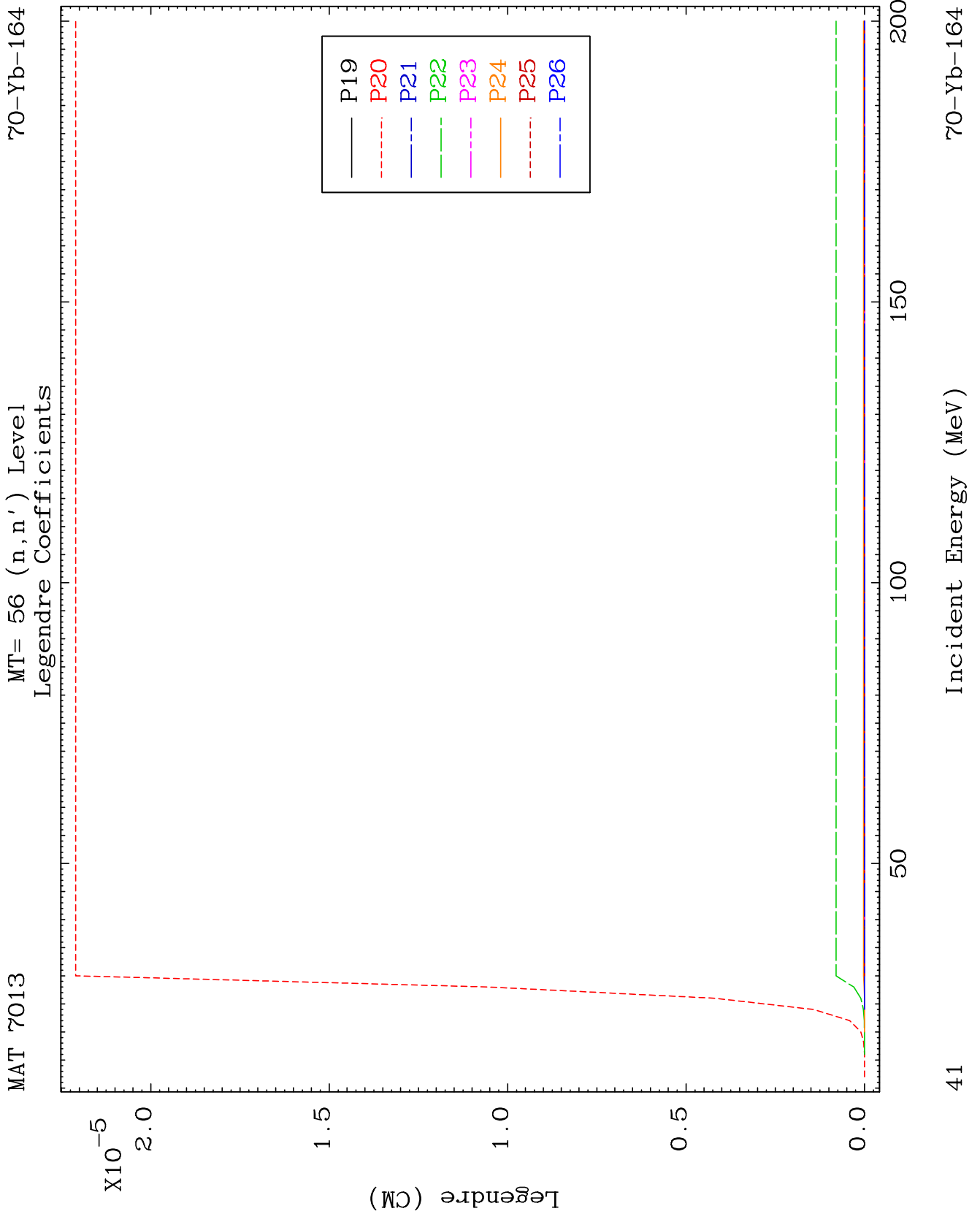
37

70-Yb-164





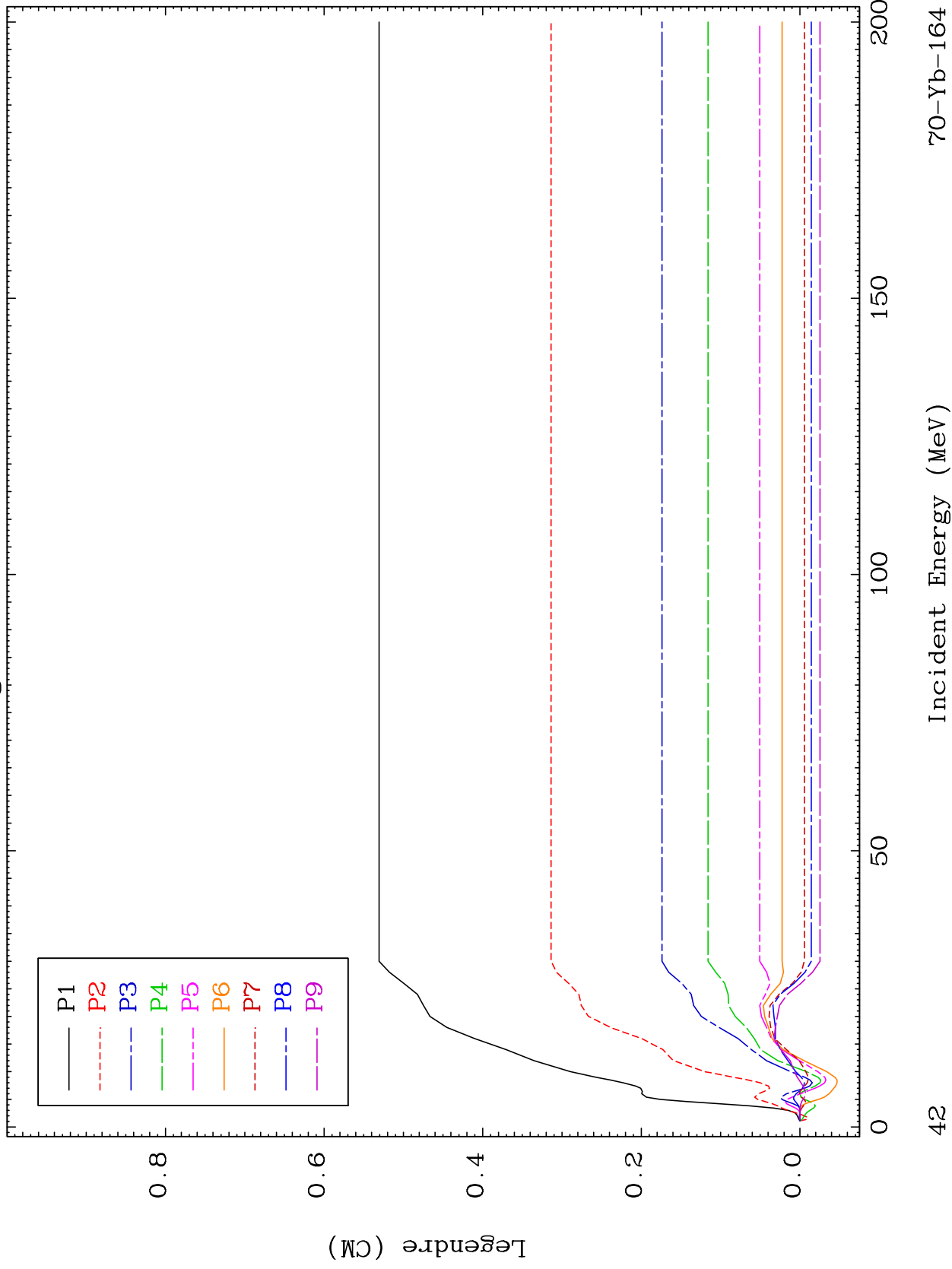




MAT 7013

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

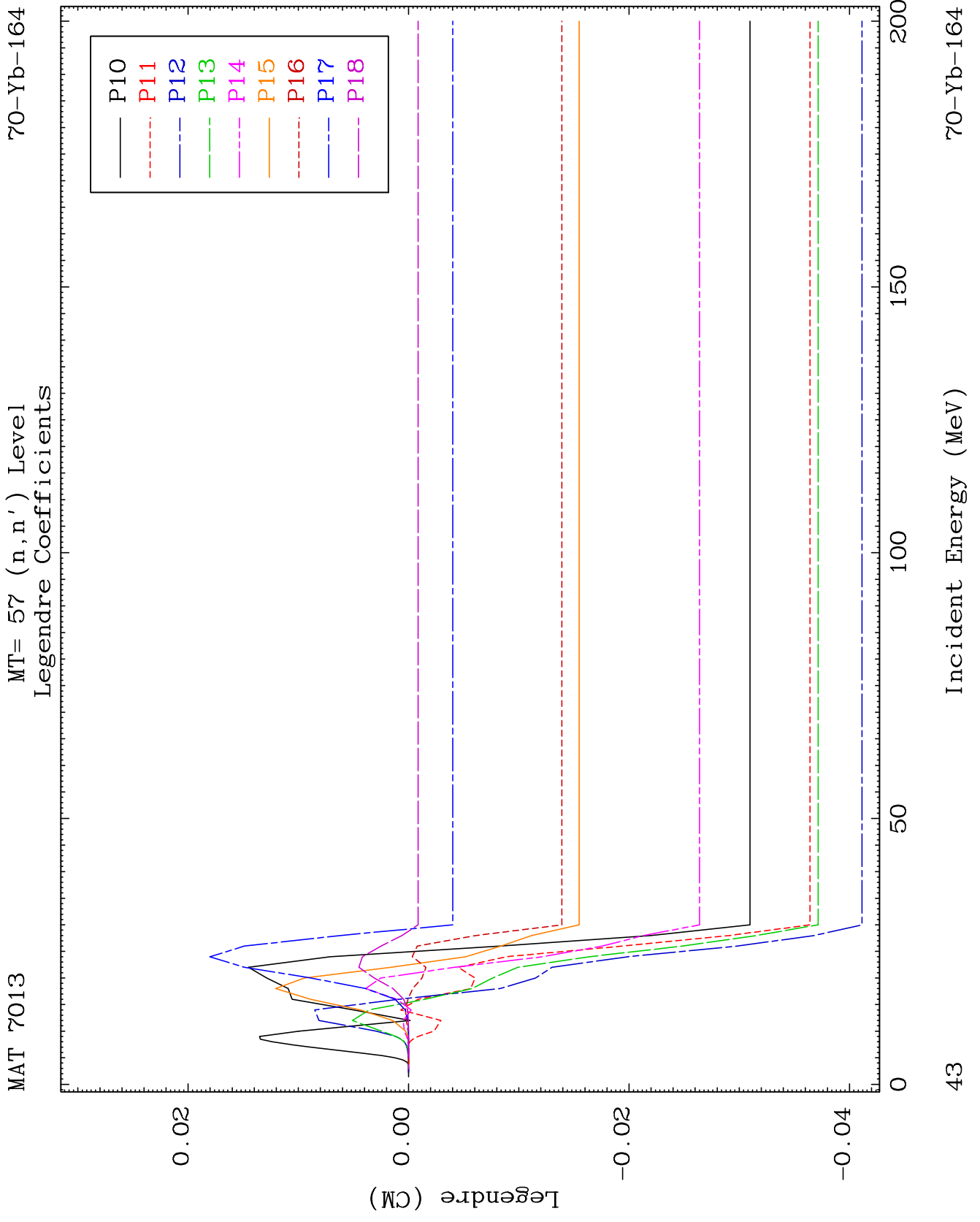
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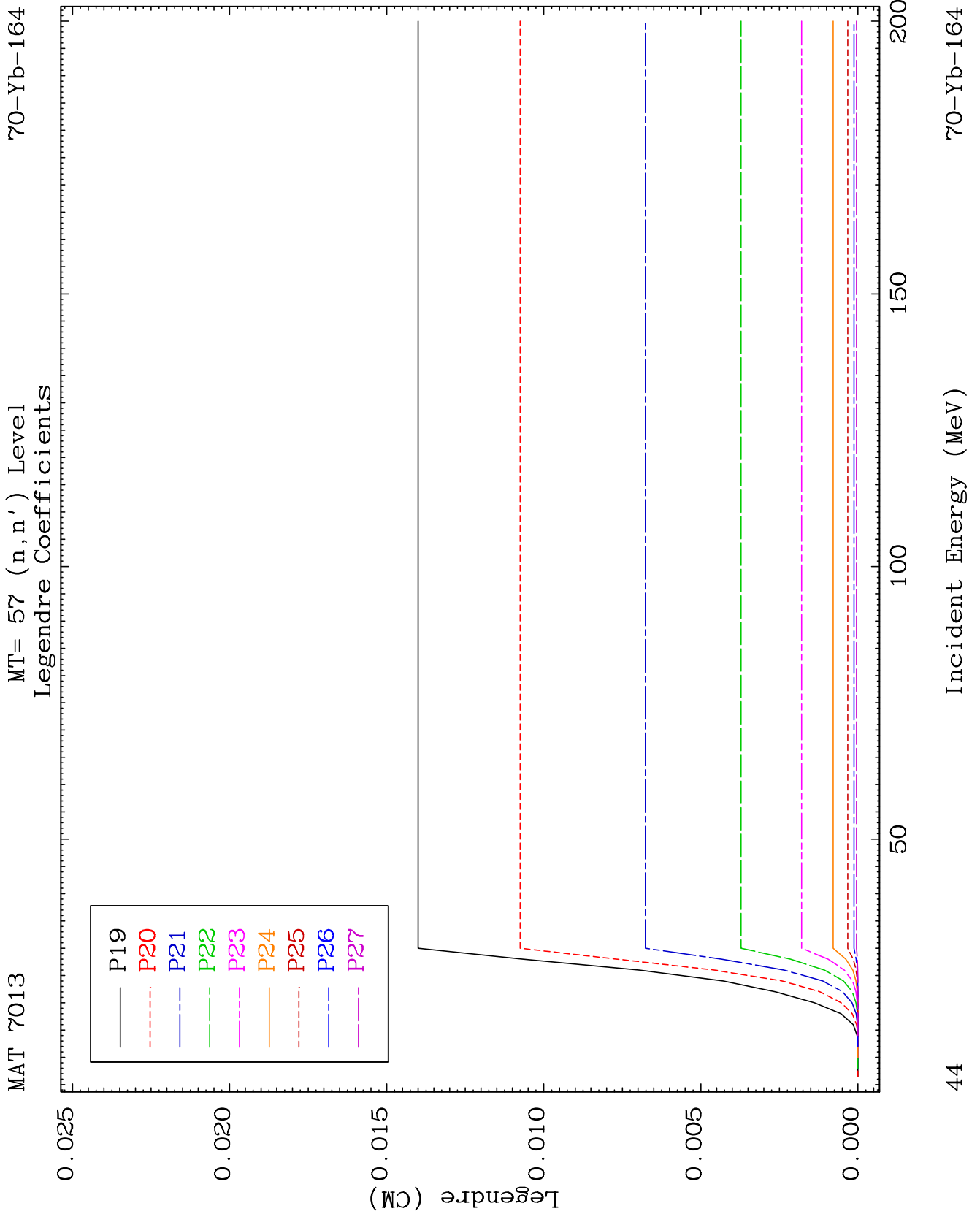


42

Incident Energy (MeV)

70-Yb-164

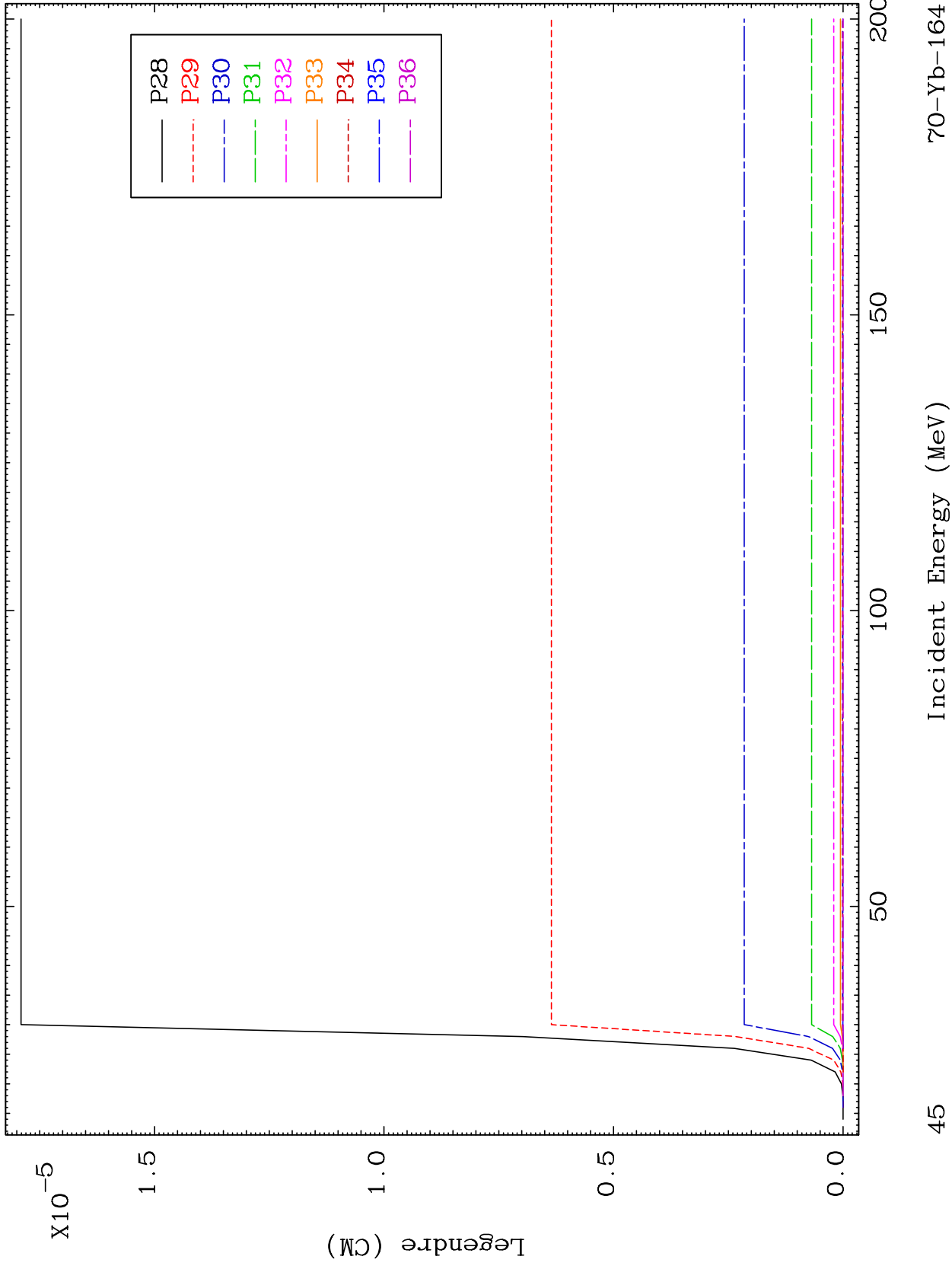




MAT 7013

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

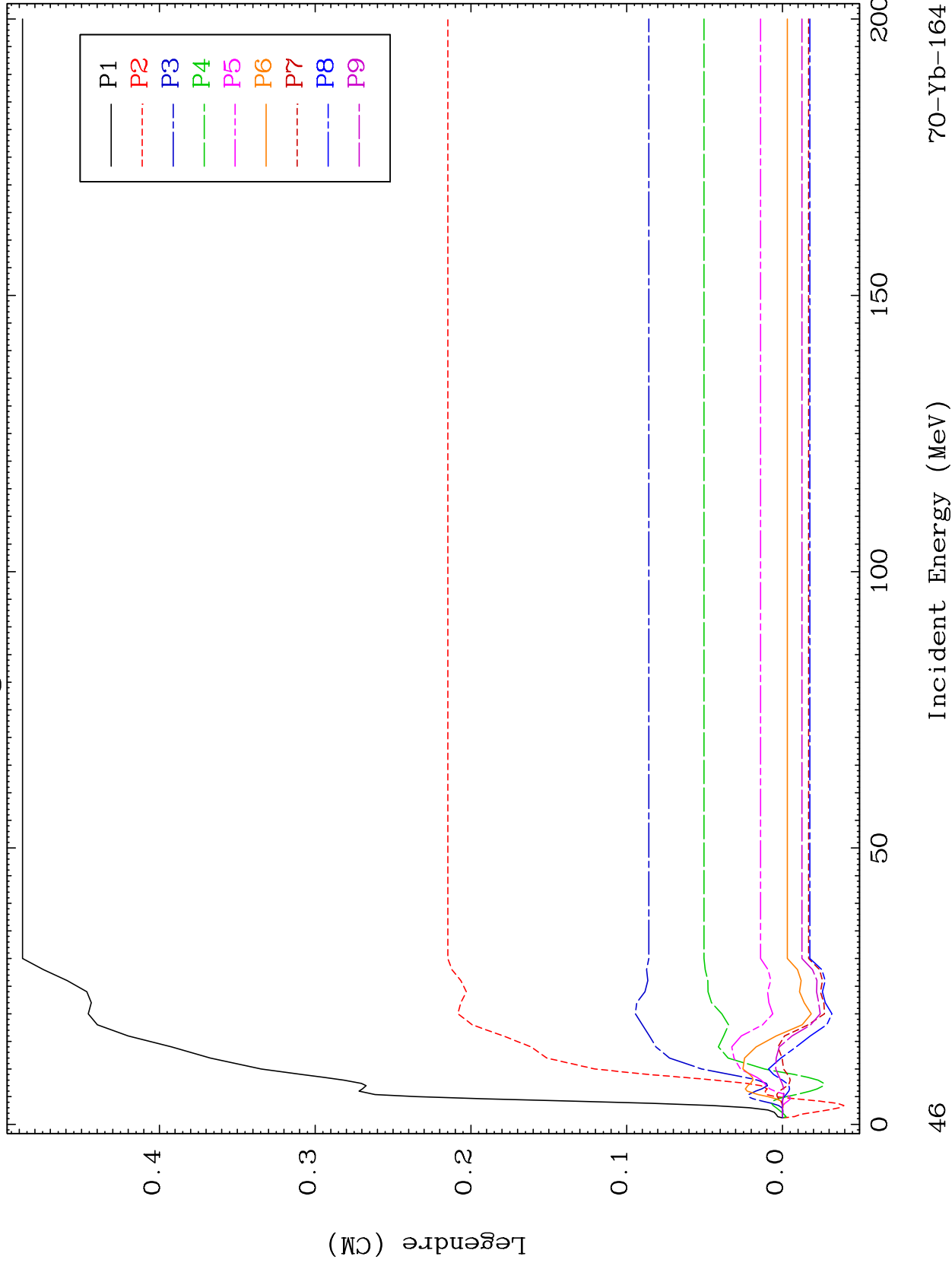
70-Yb-164



MAT 7013

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

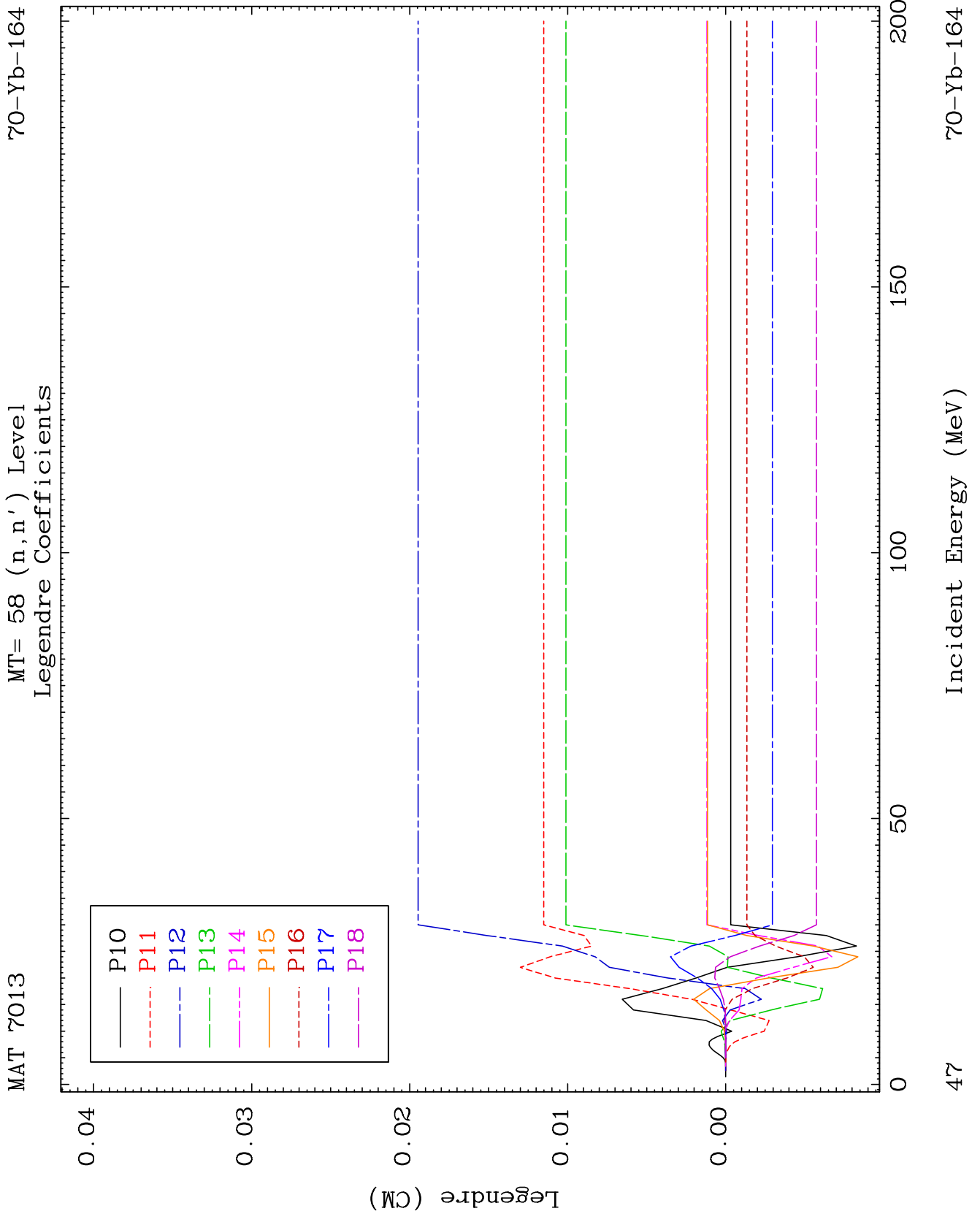
70-Yb-164



70-Yb-164

Incident Energy (MeV)

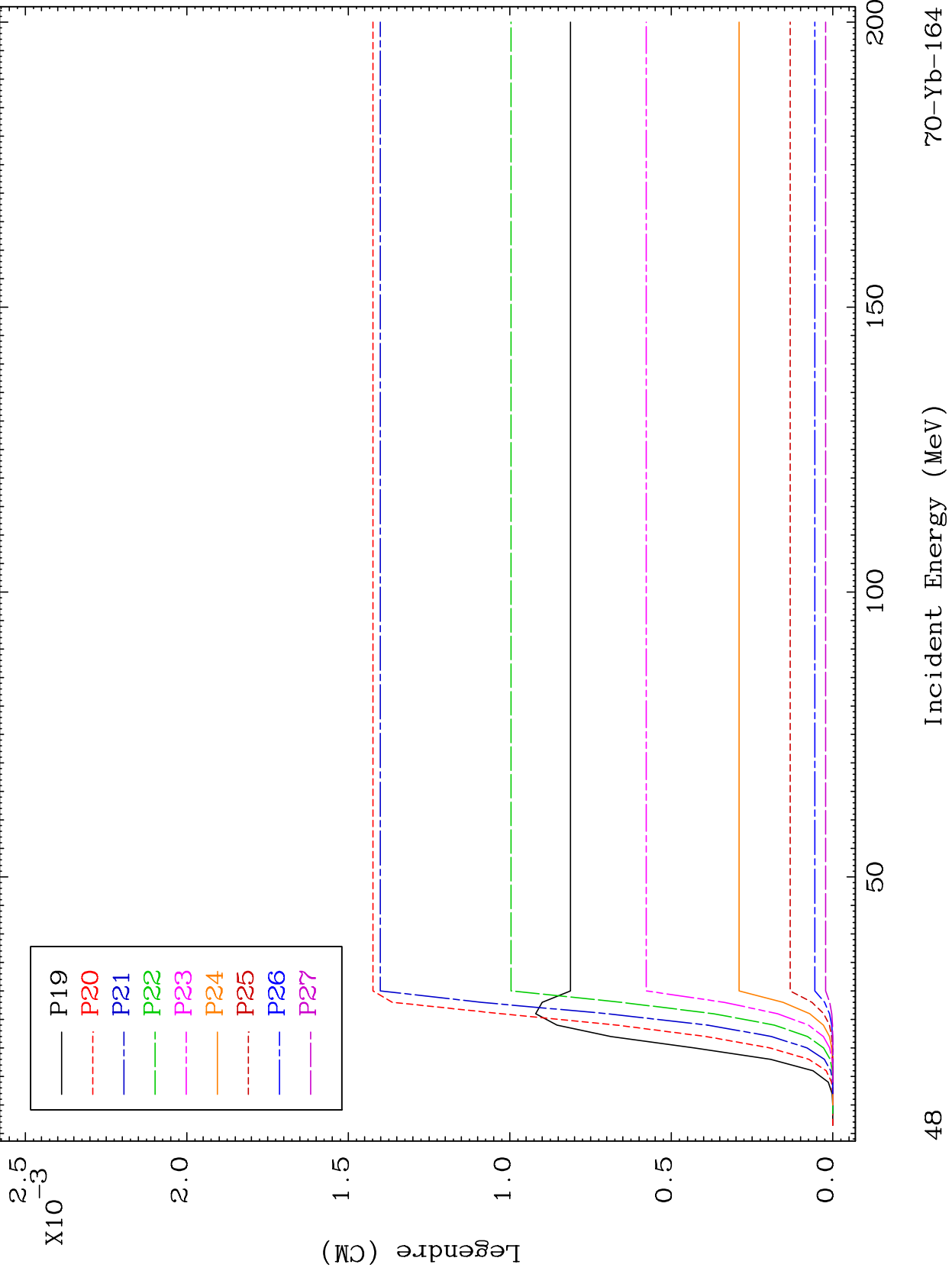
46



MAT 7013

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

70-Yb-164



48

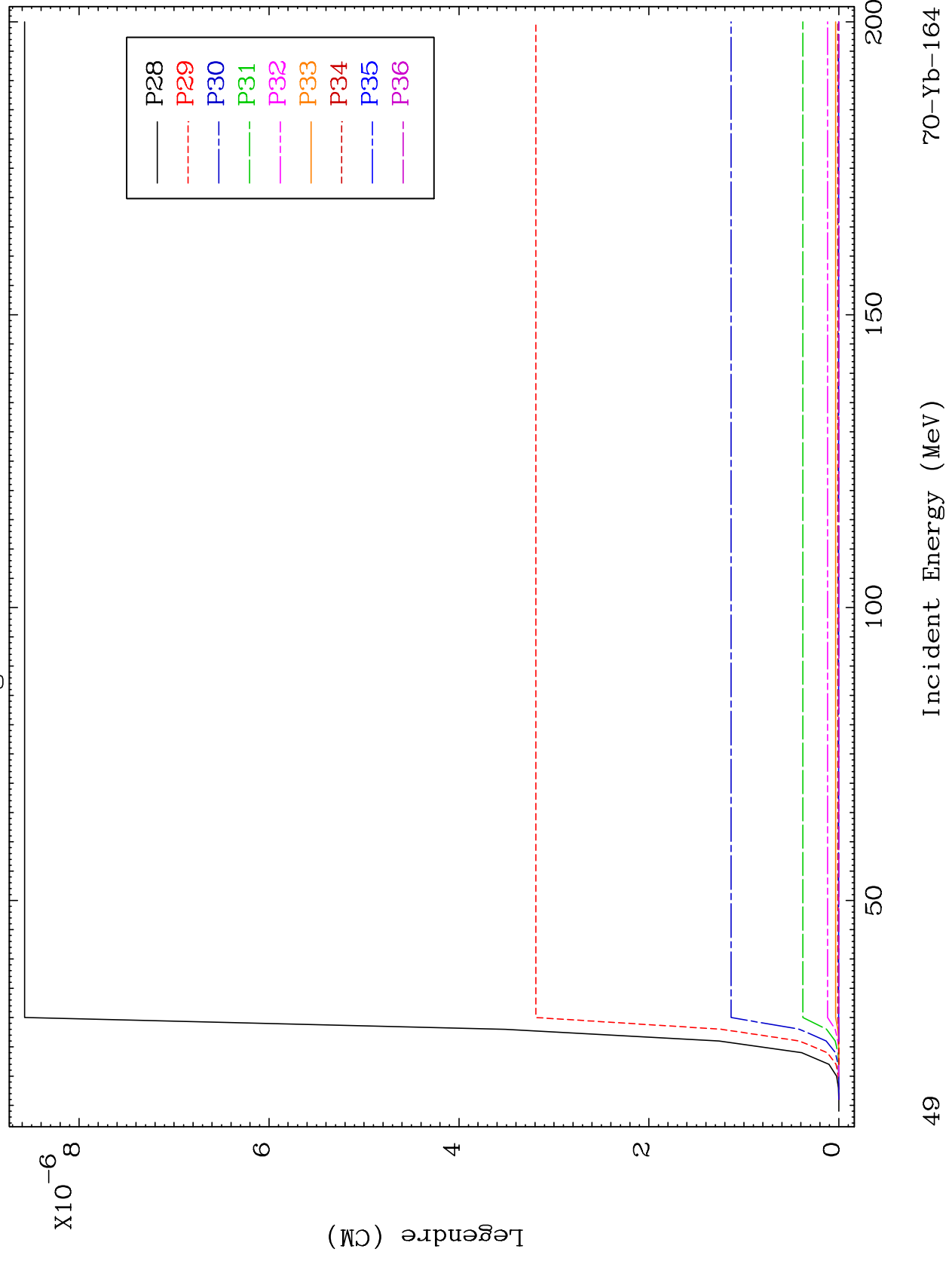
Incident Energy (MeV)

70-Yb-164

MAT 7013

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

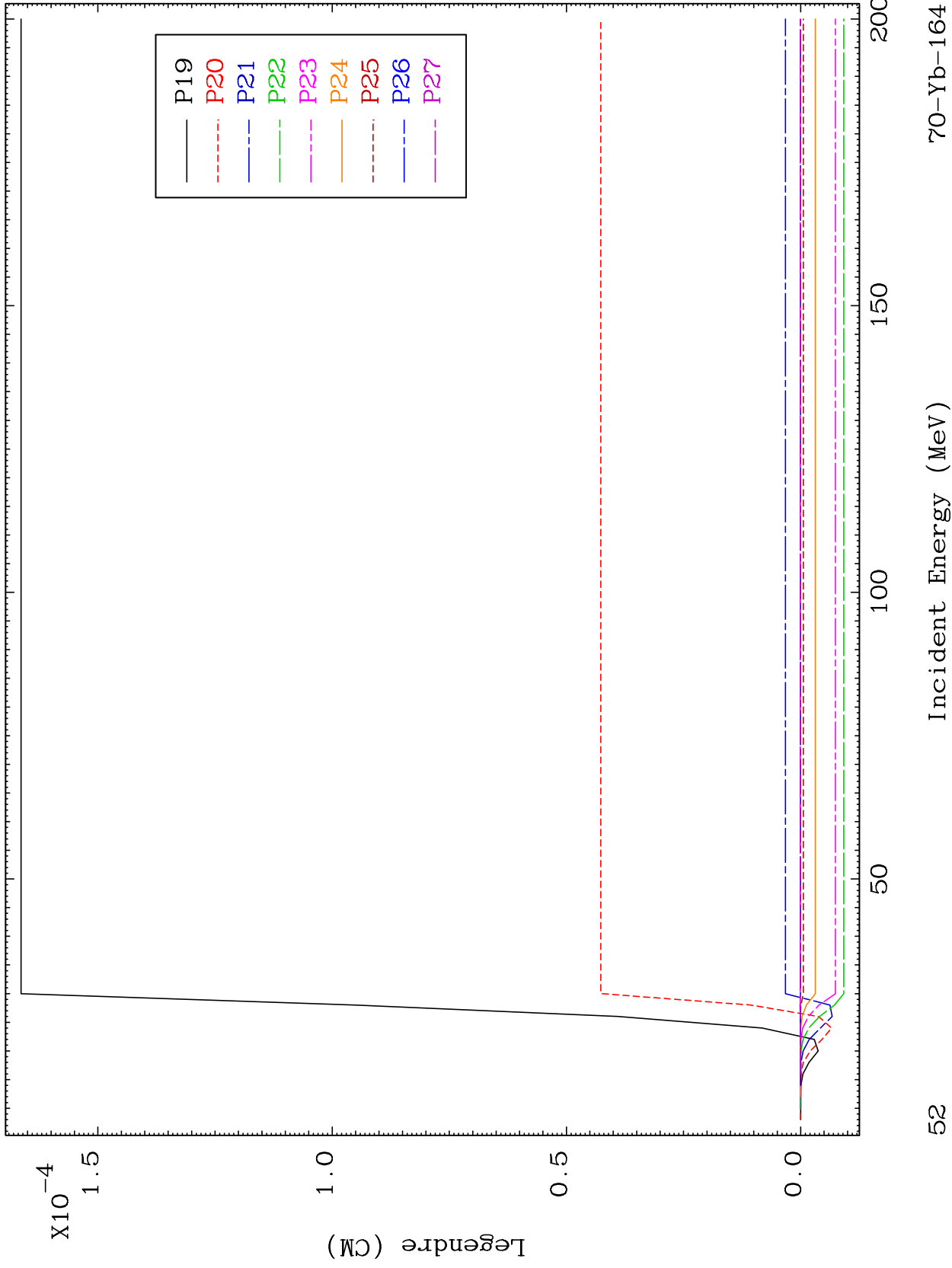
70-Yb-164



MAT 7013

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

70-Yb-164



52

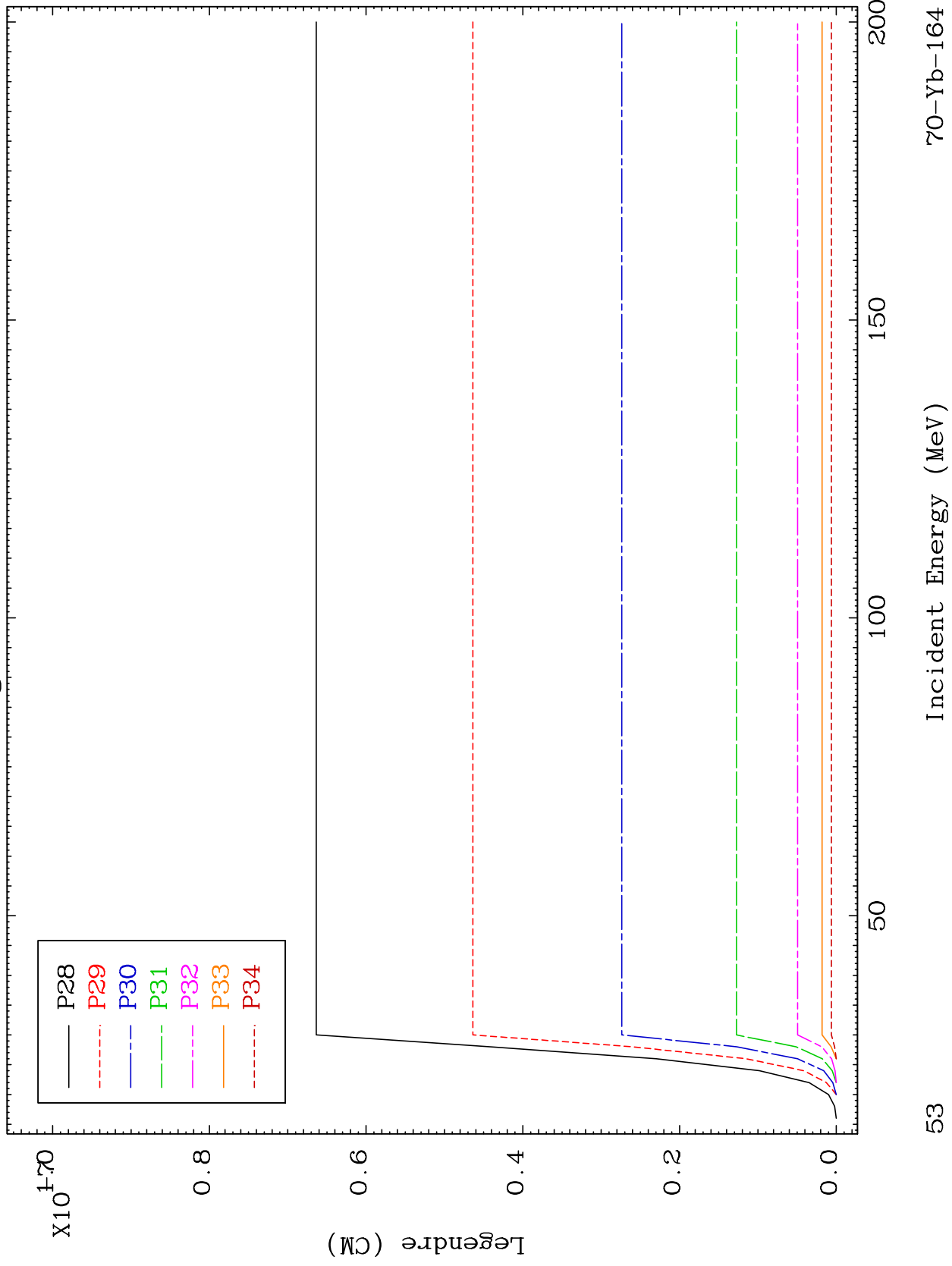
Incident Energy (MeV)

70-Yb-164

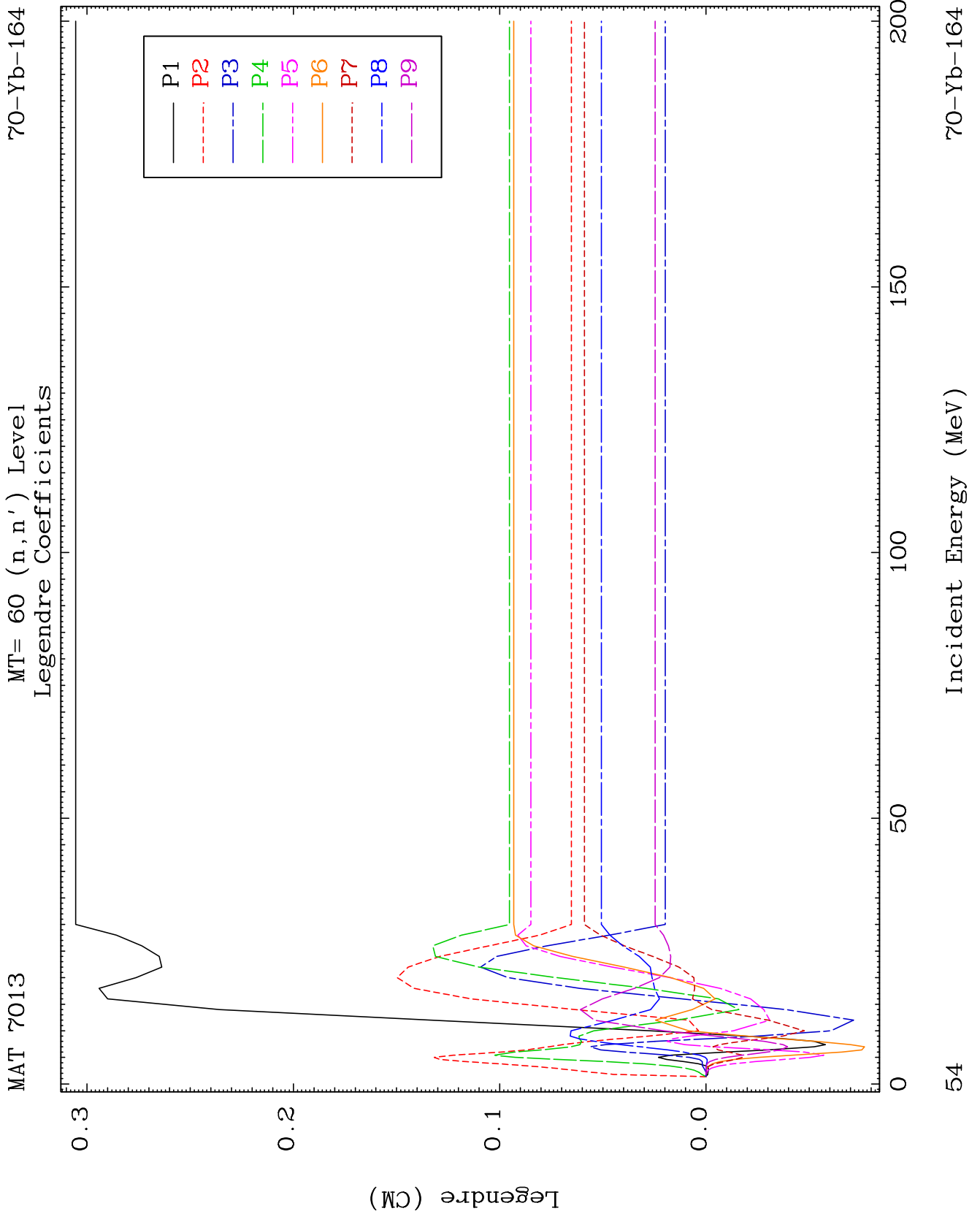
MAT 7013

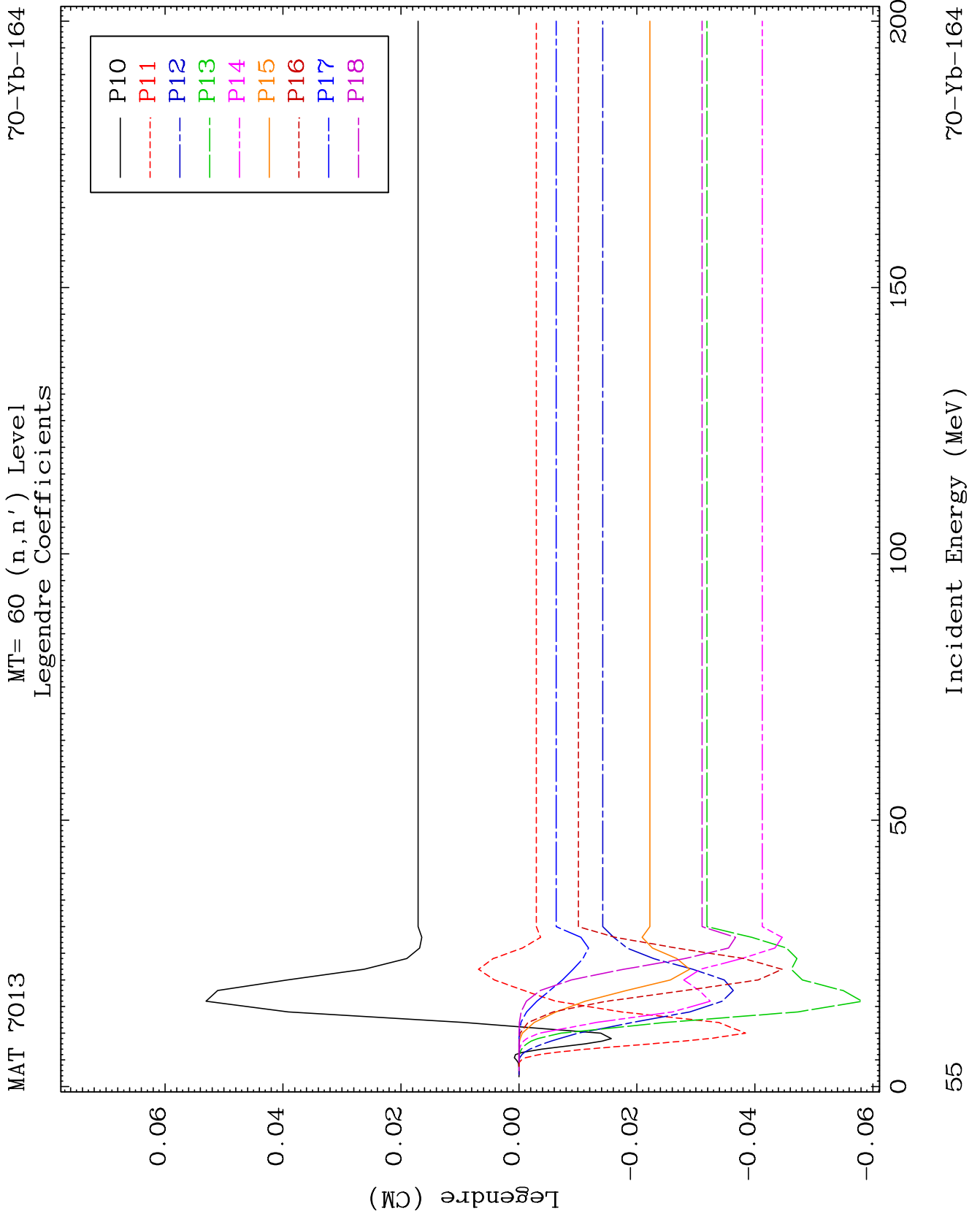
MT= 59 (n,n') Level
Legendre Coefficients

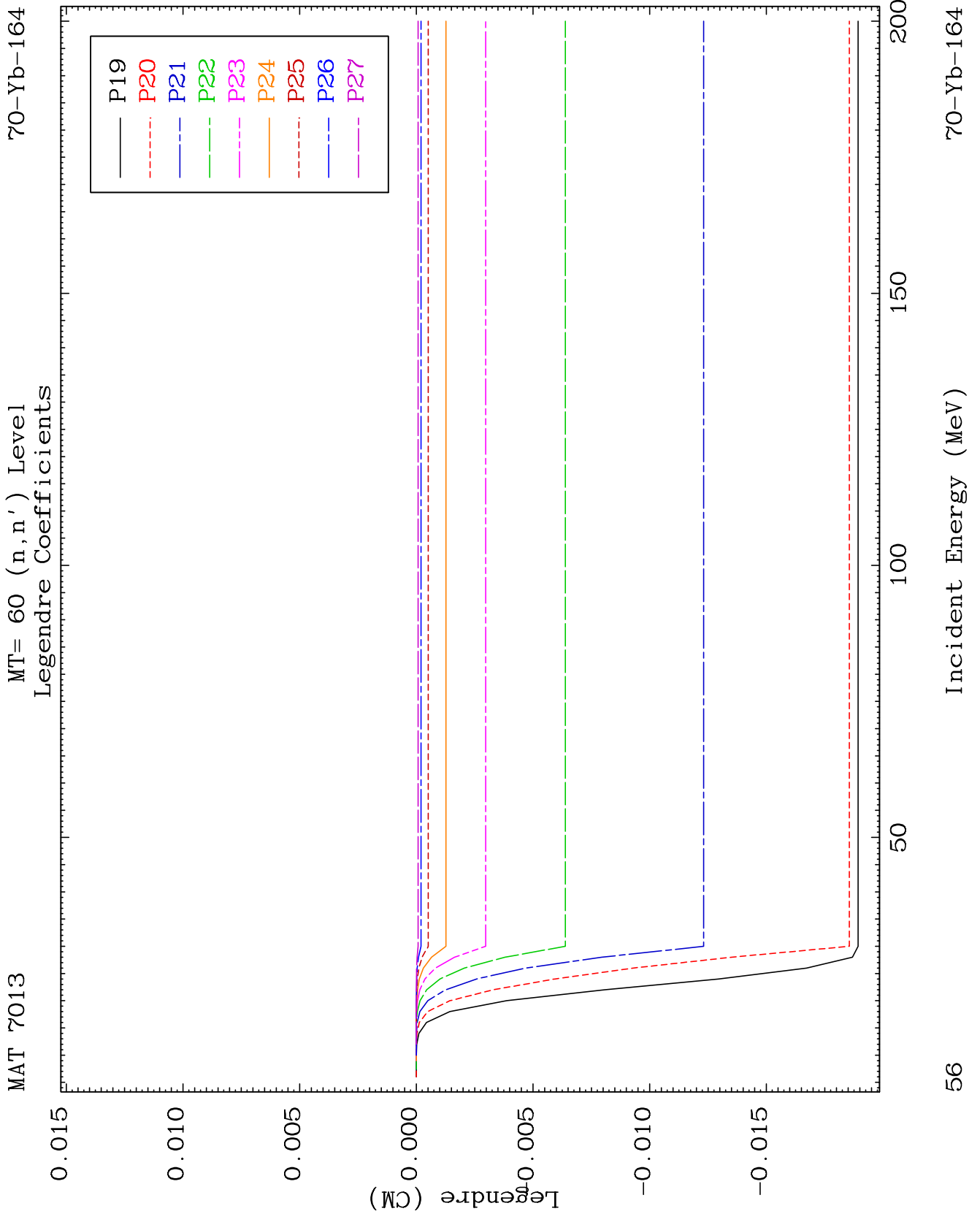
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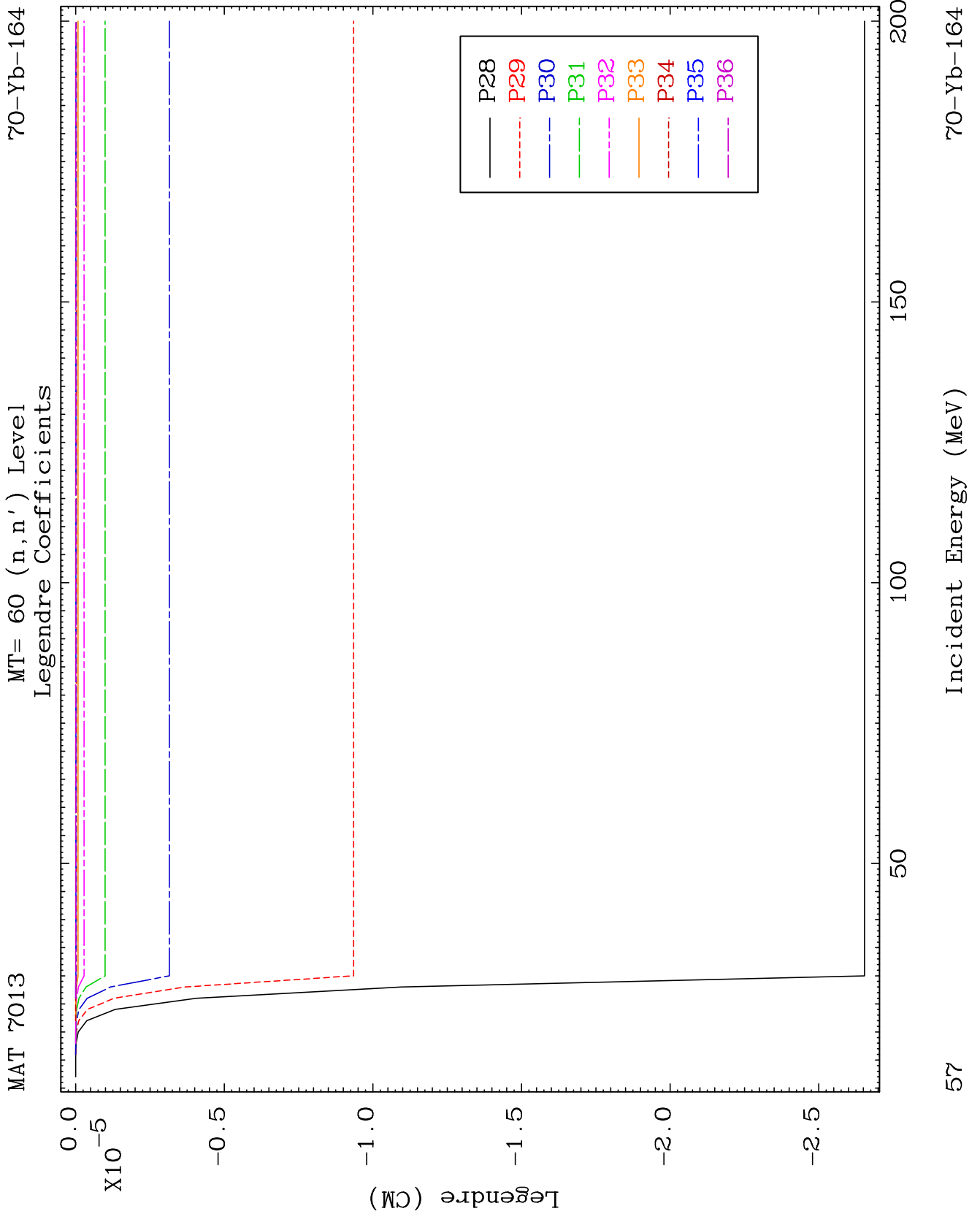


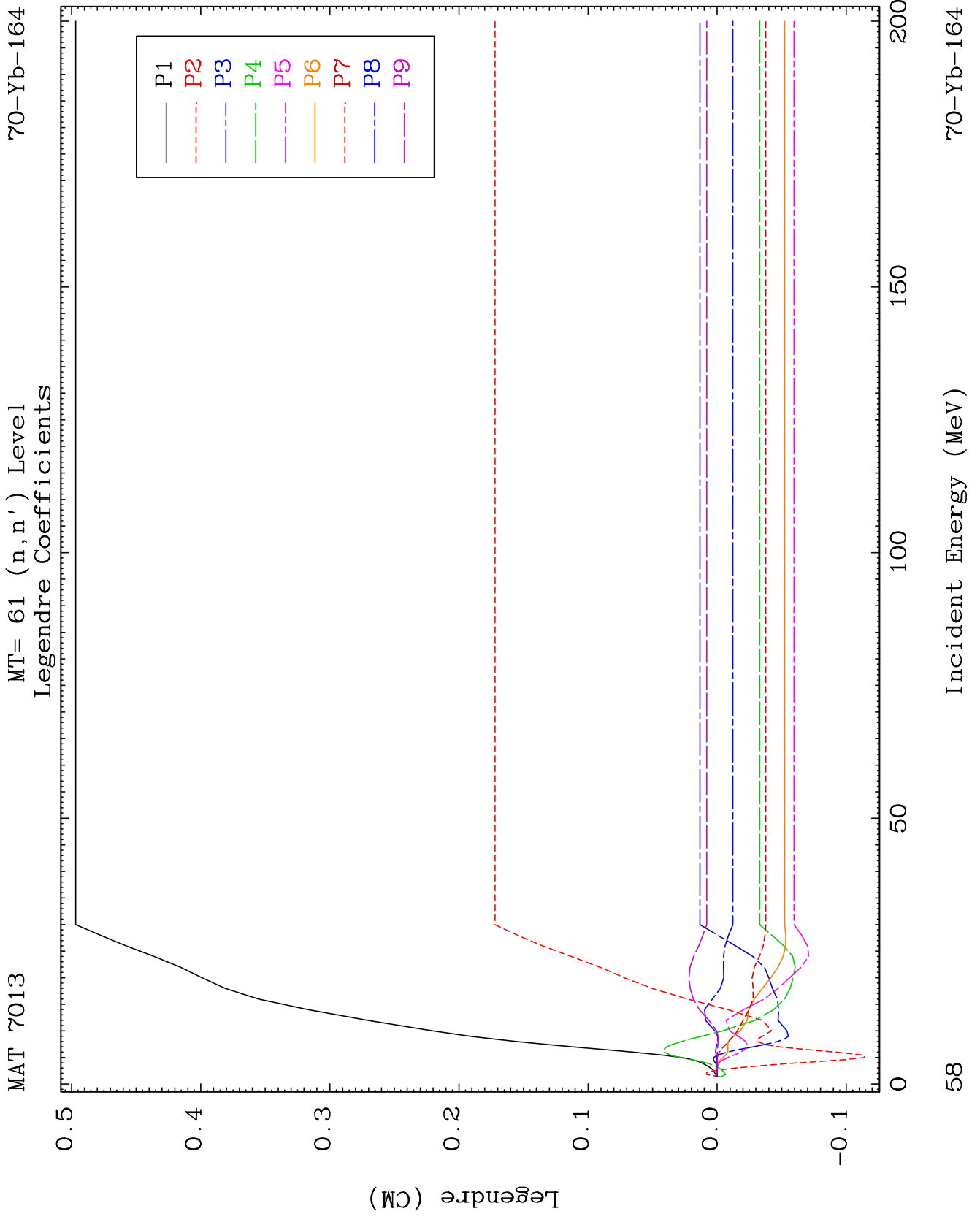
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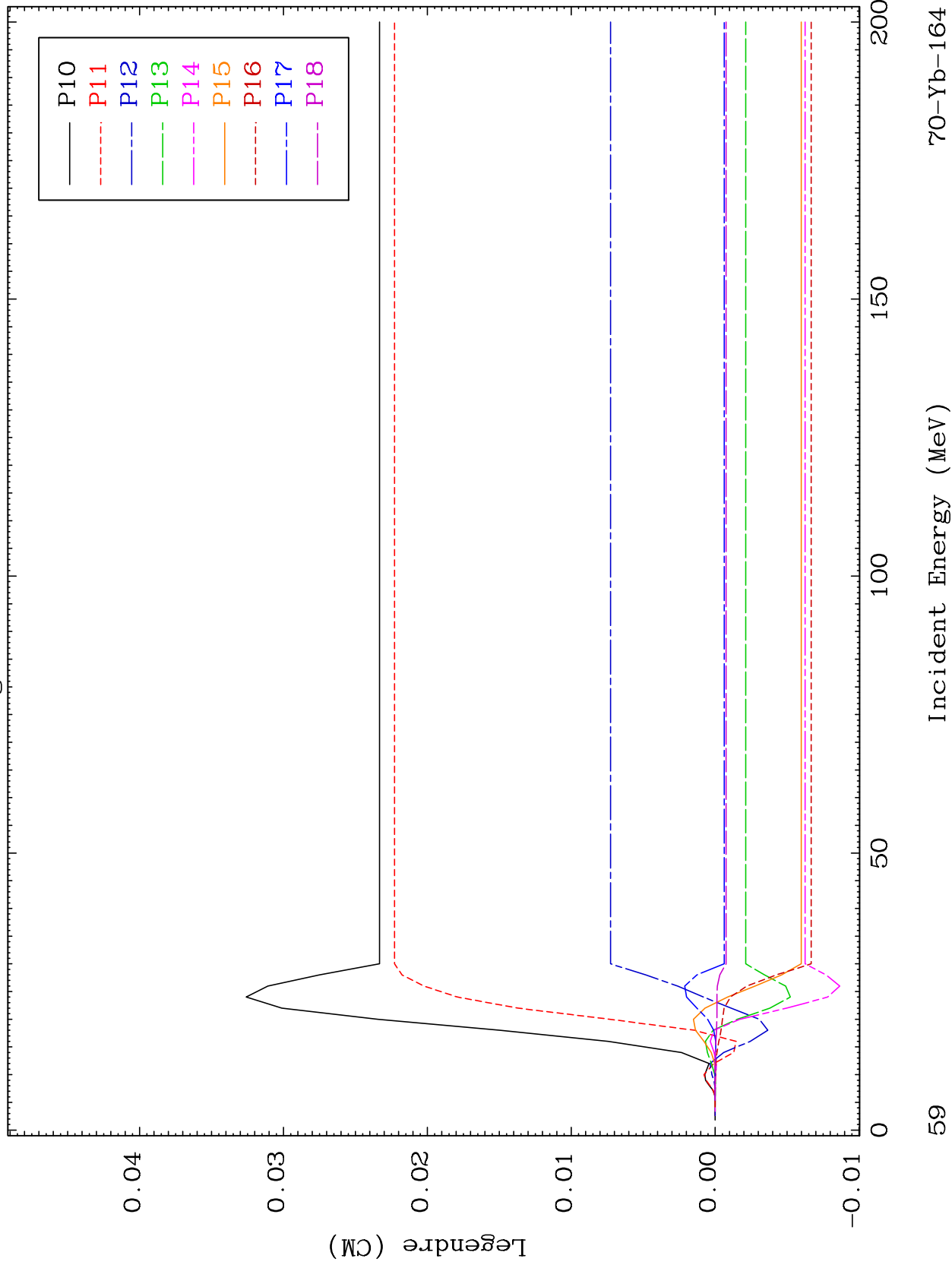




MAT 7013

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

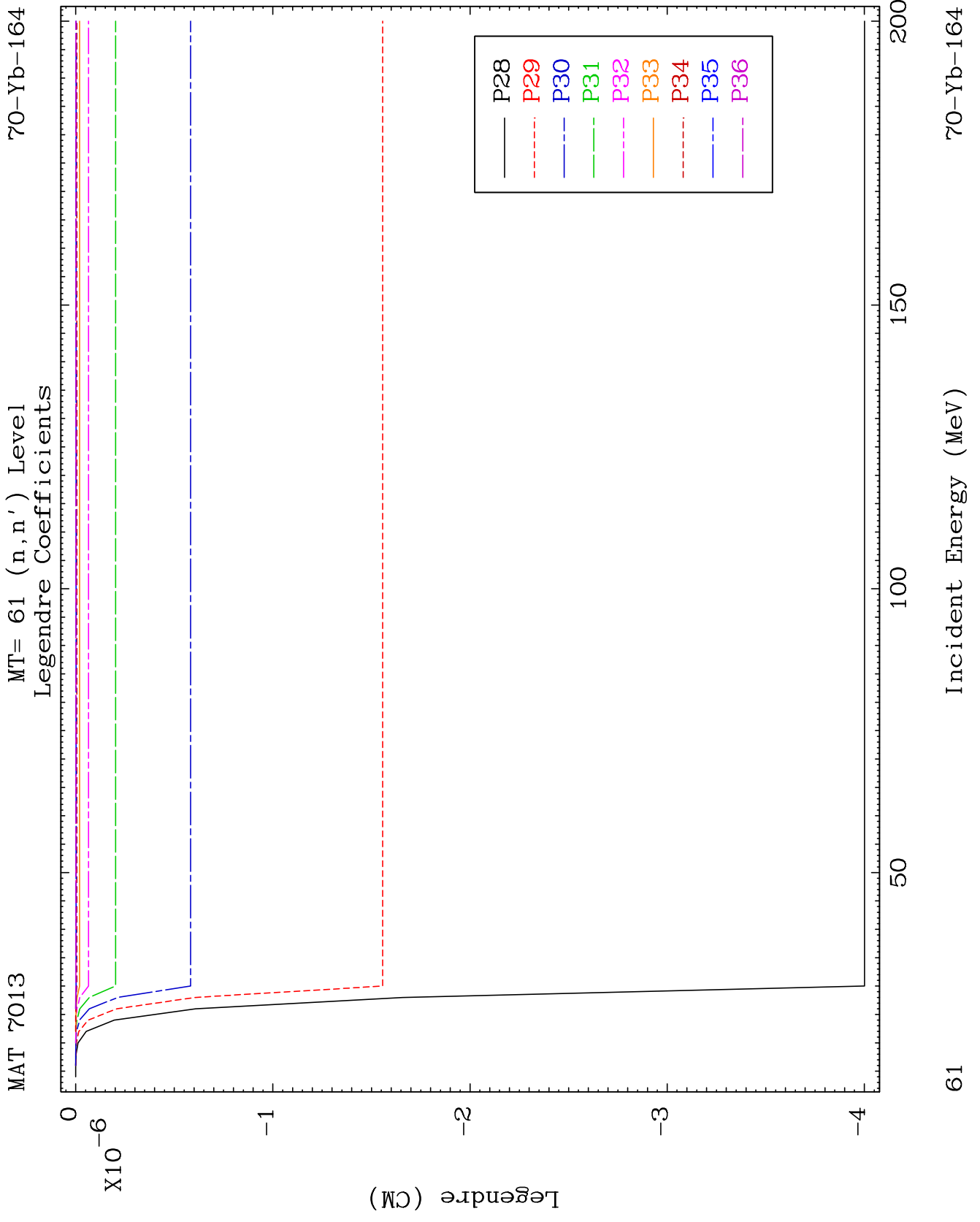
70-Yb-164

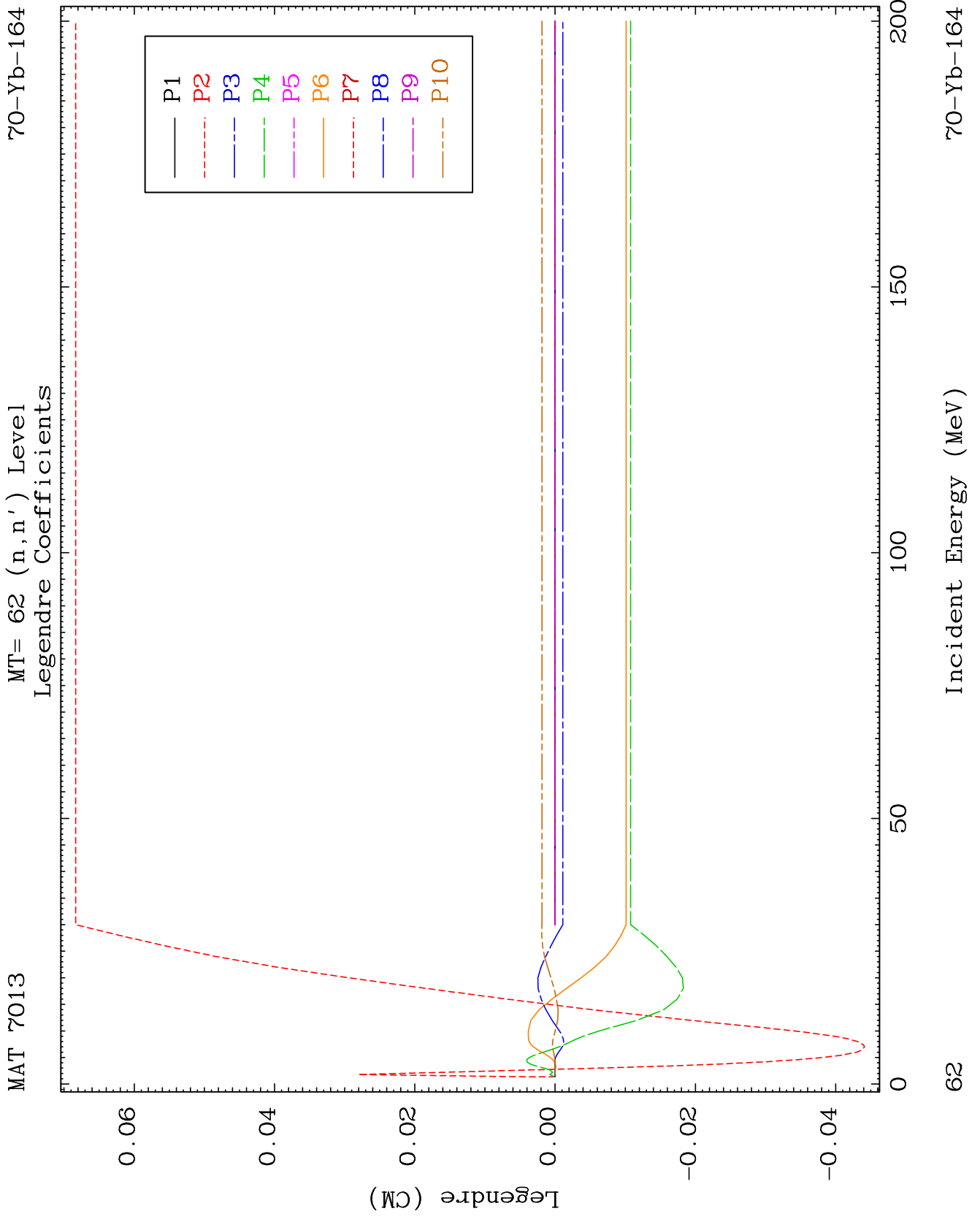


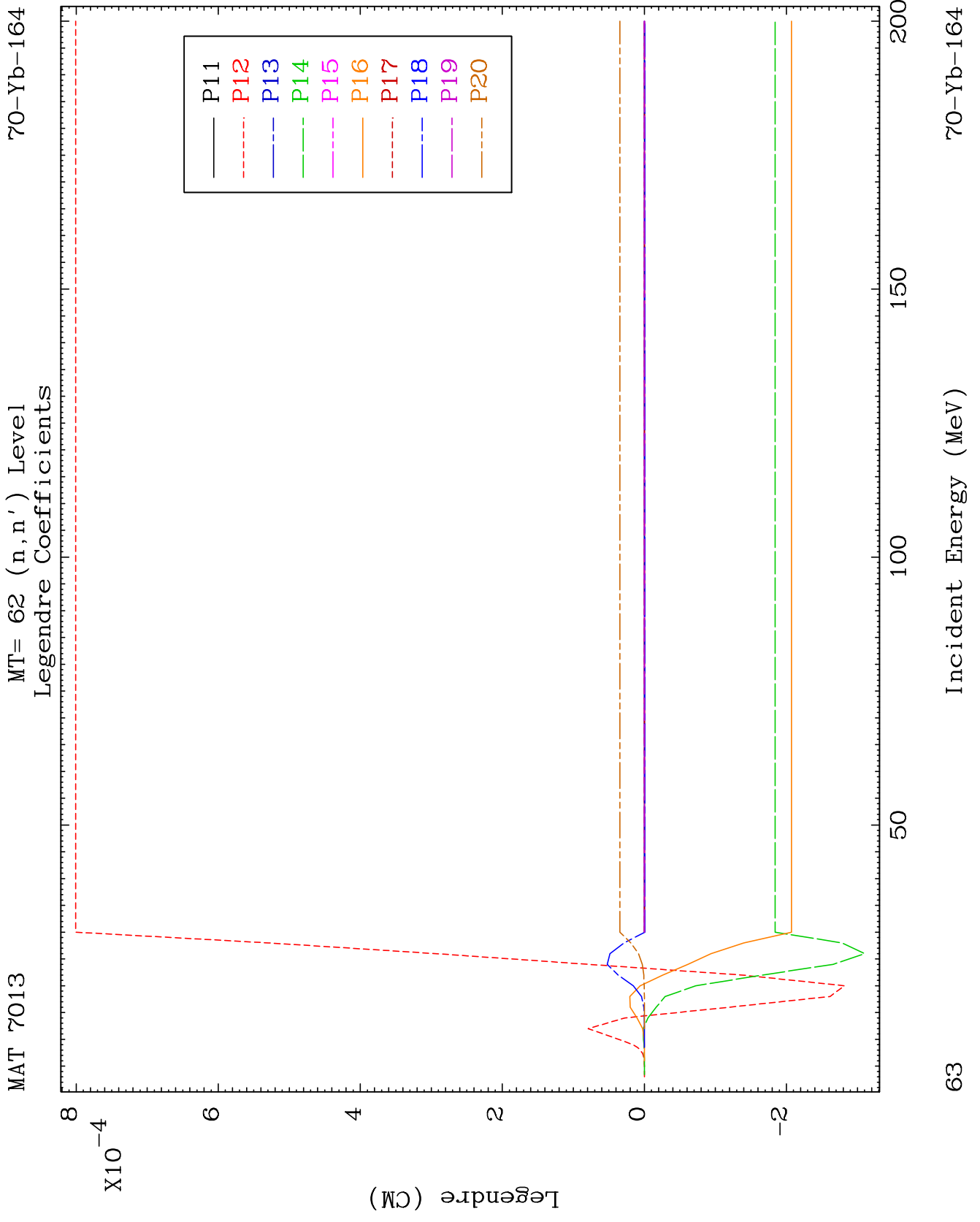
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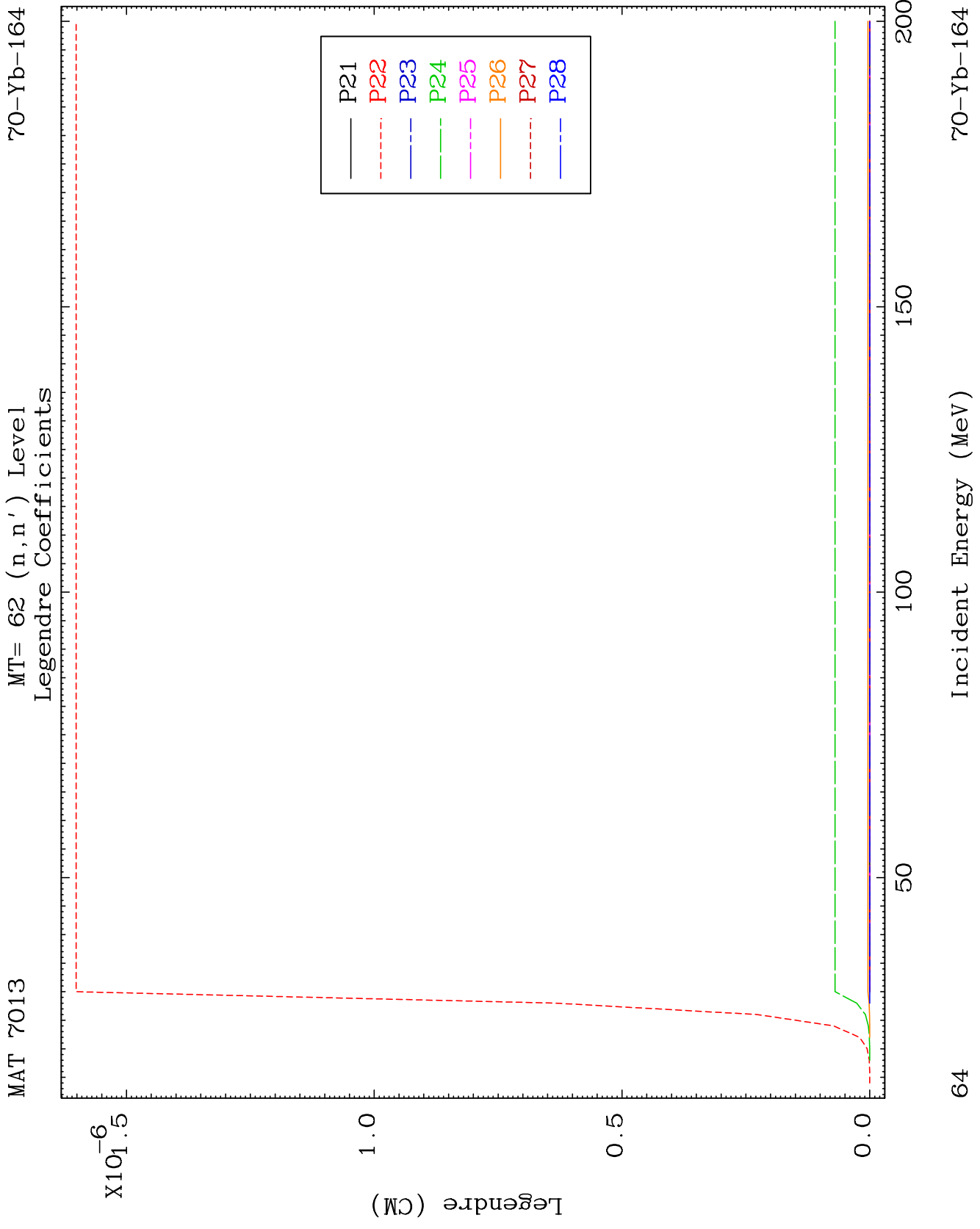
Incident Energy (MeV)

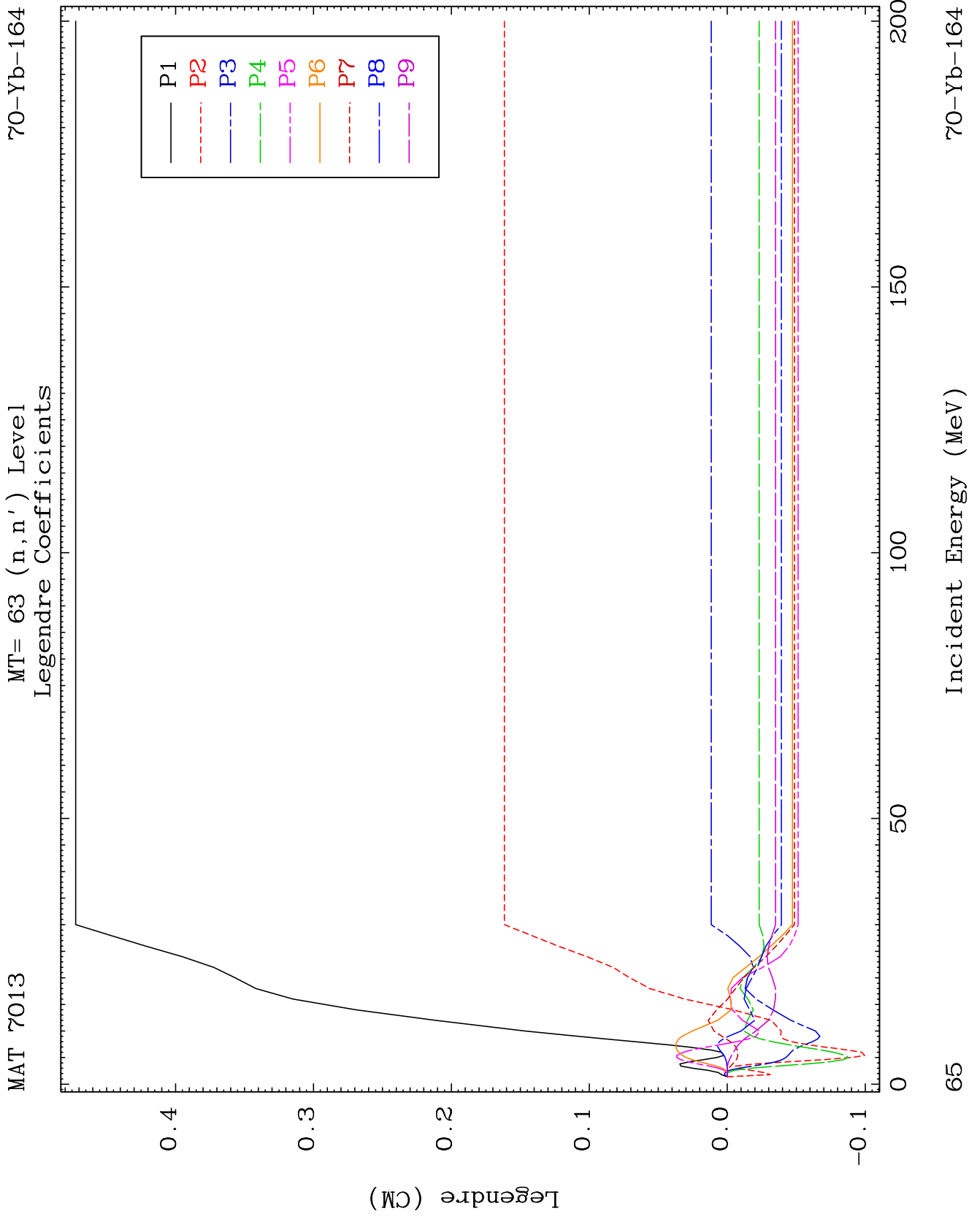
70-Yb-164







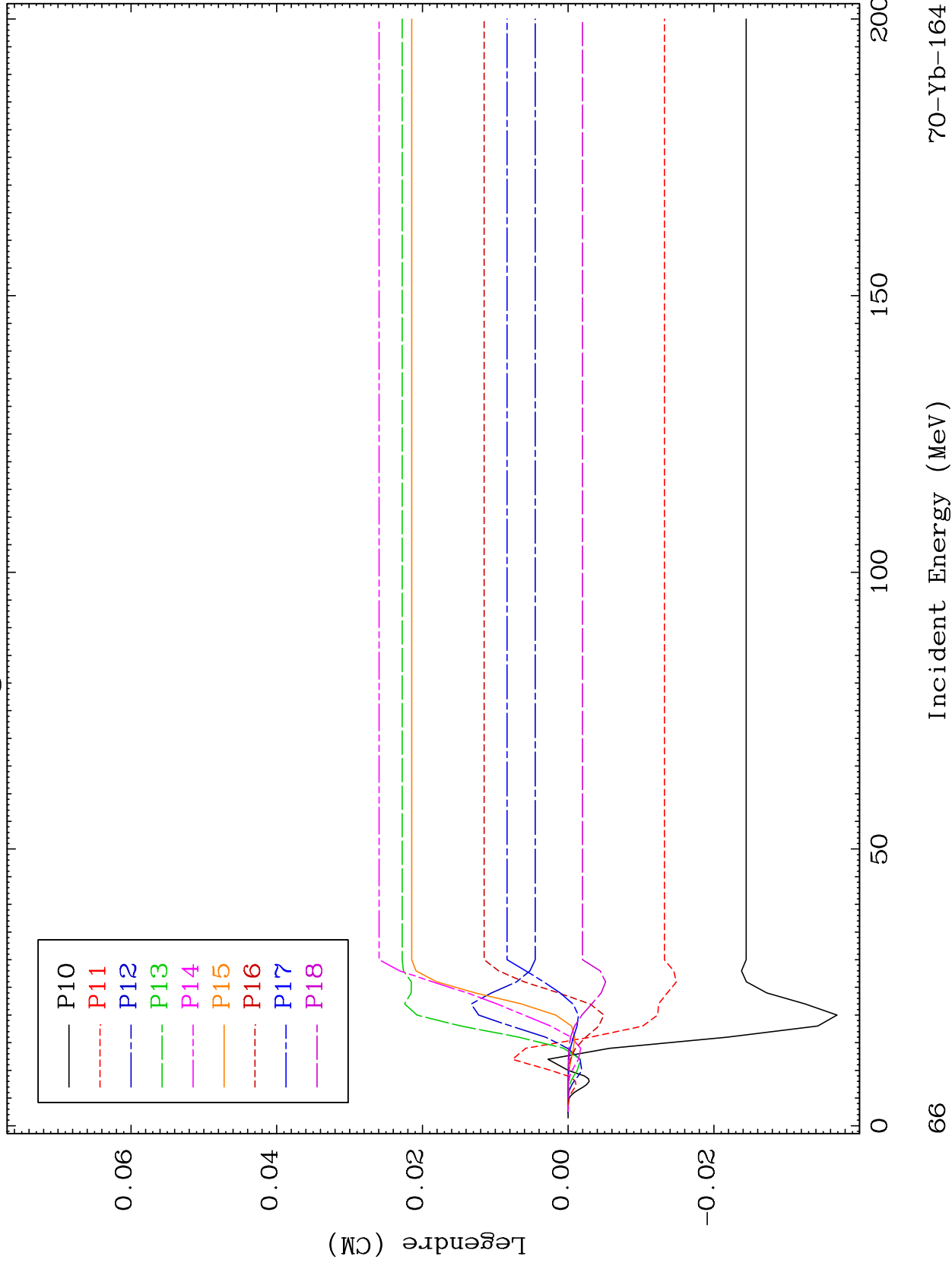




MAT 7013

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

70-Yb-164



70-Yb-164

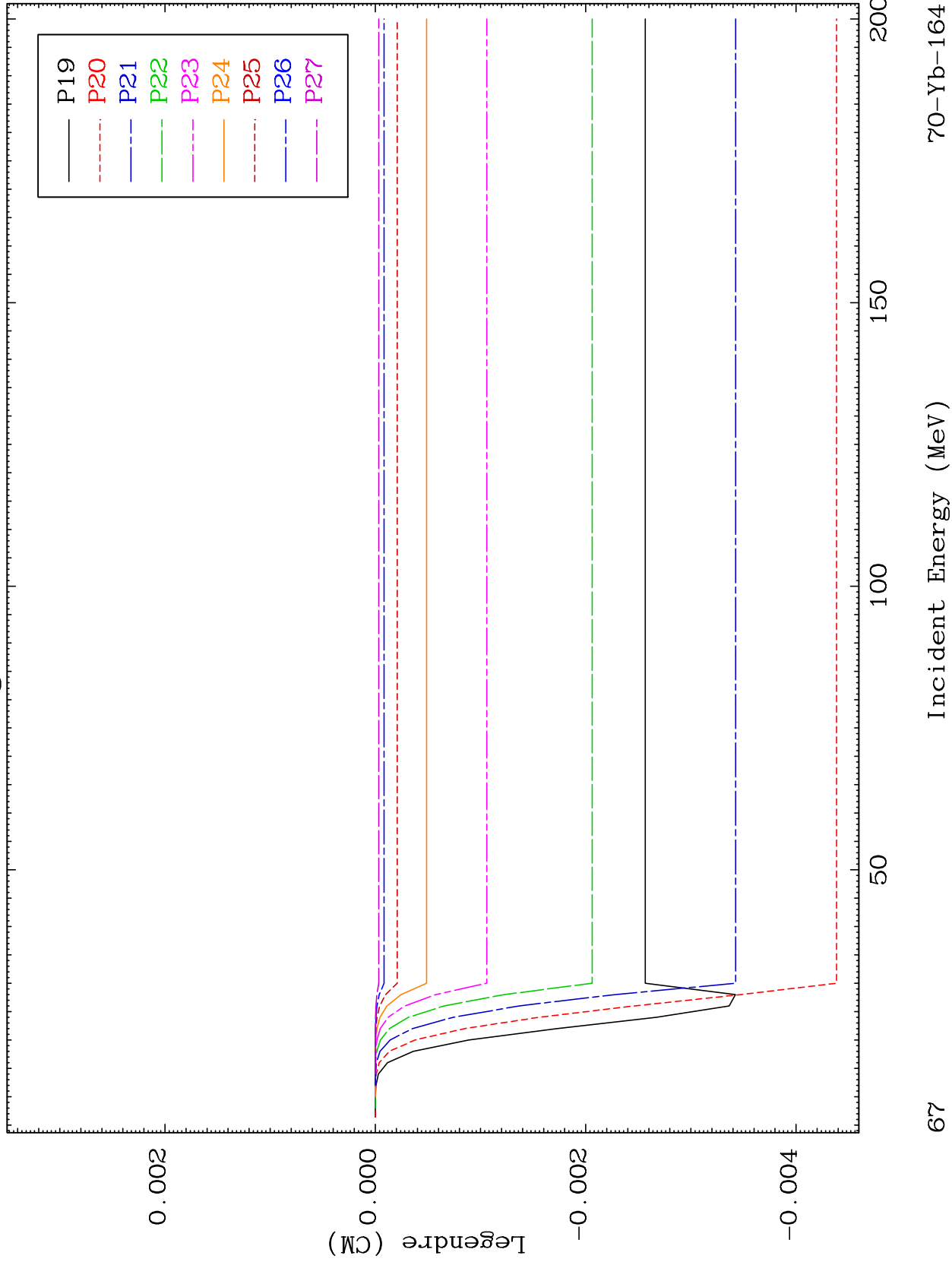
Incident Energy (MeV)

66

MAT 7013

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

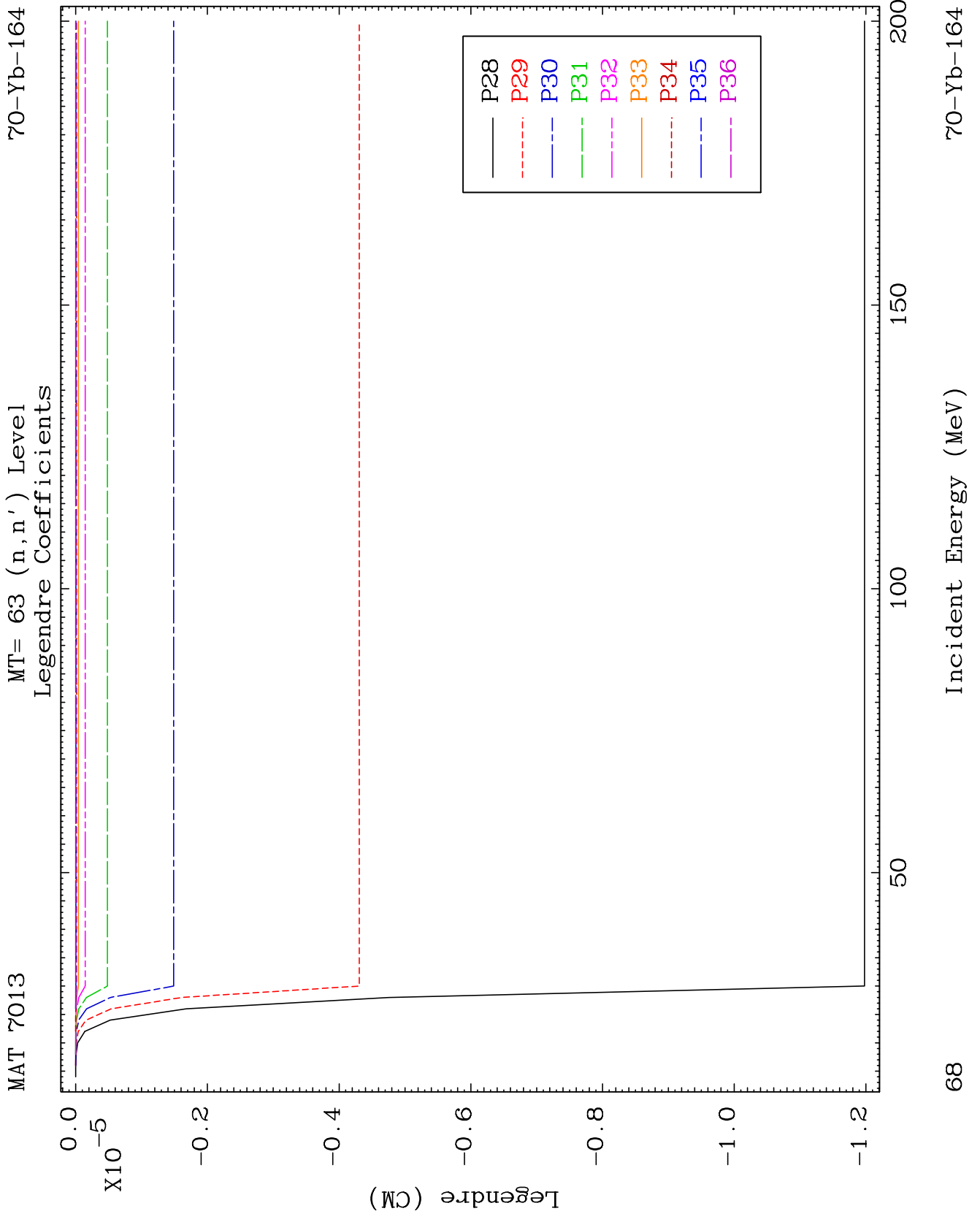
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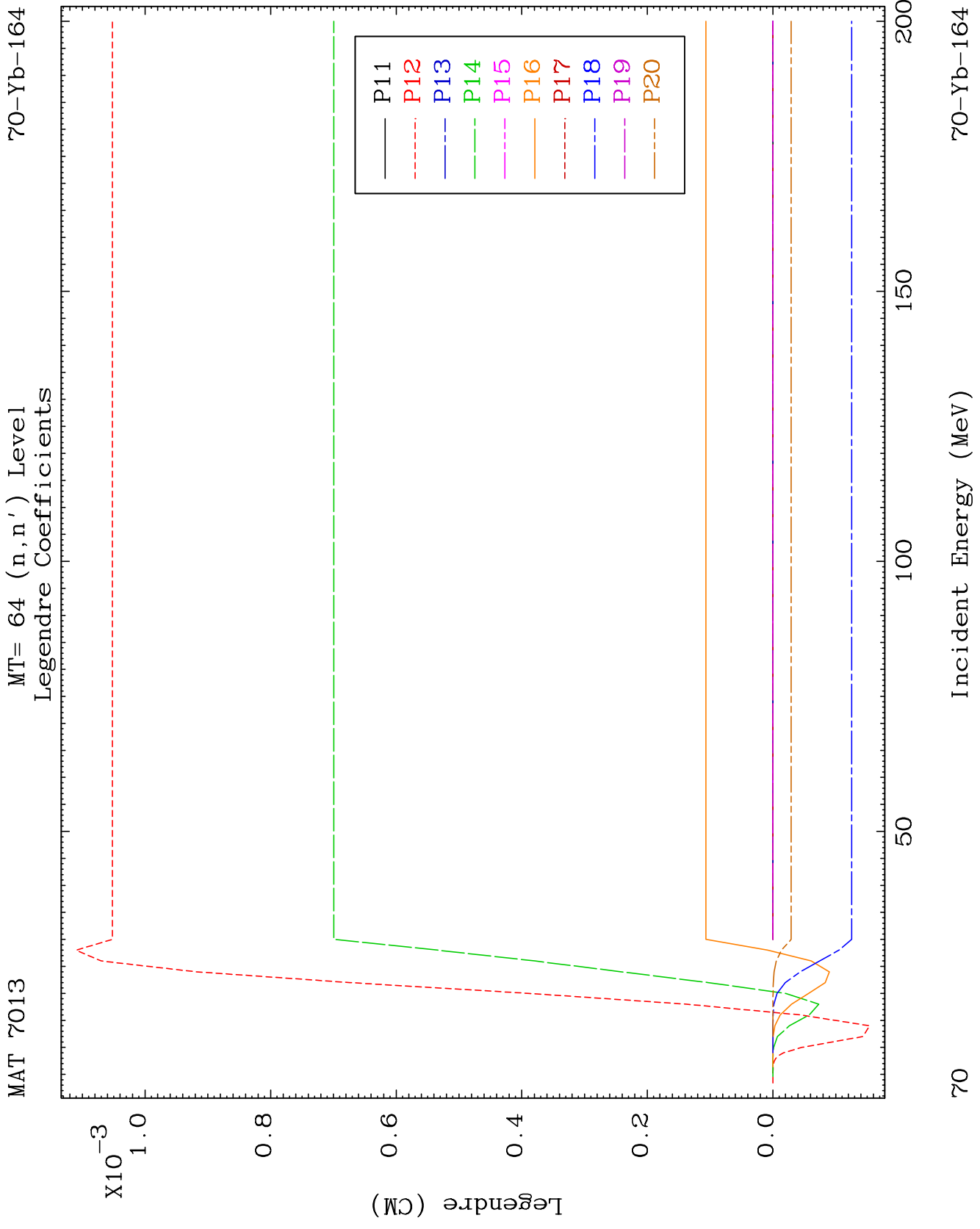


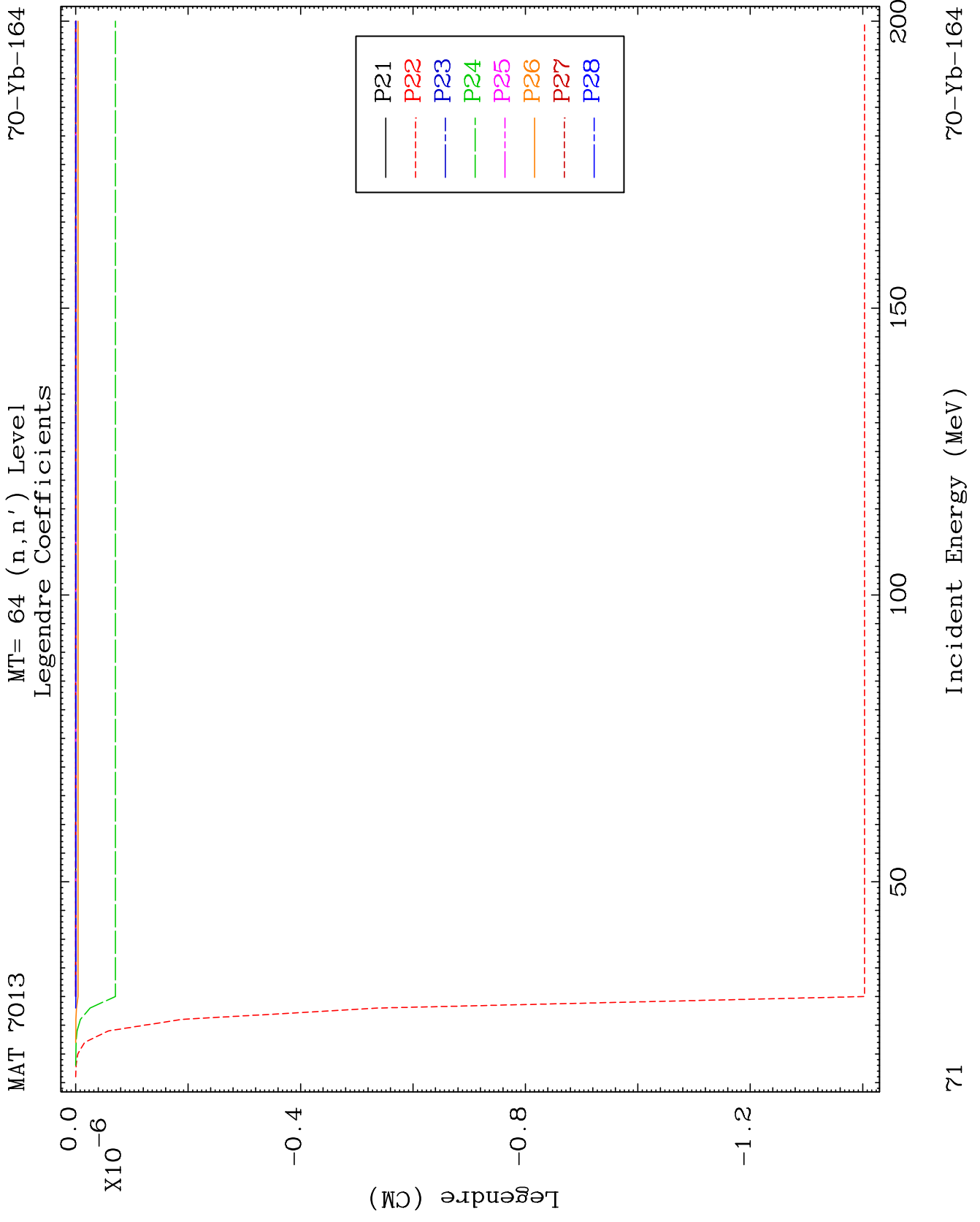
67

Incident Energy (MeV)

70-Yb-164



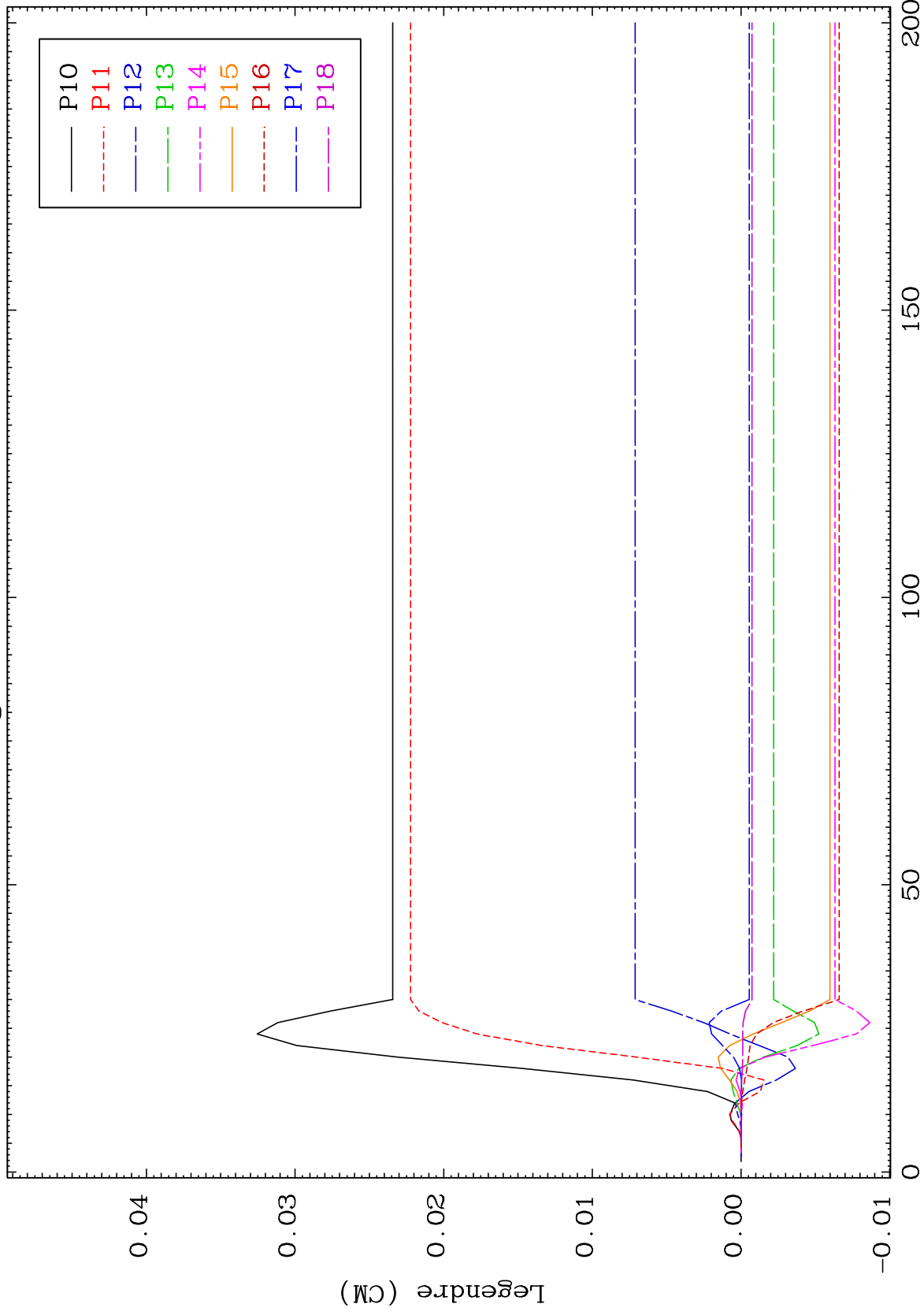




MAT 7013

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

70-Yb-164



73

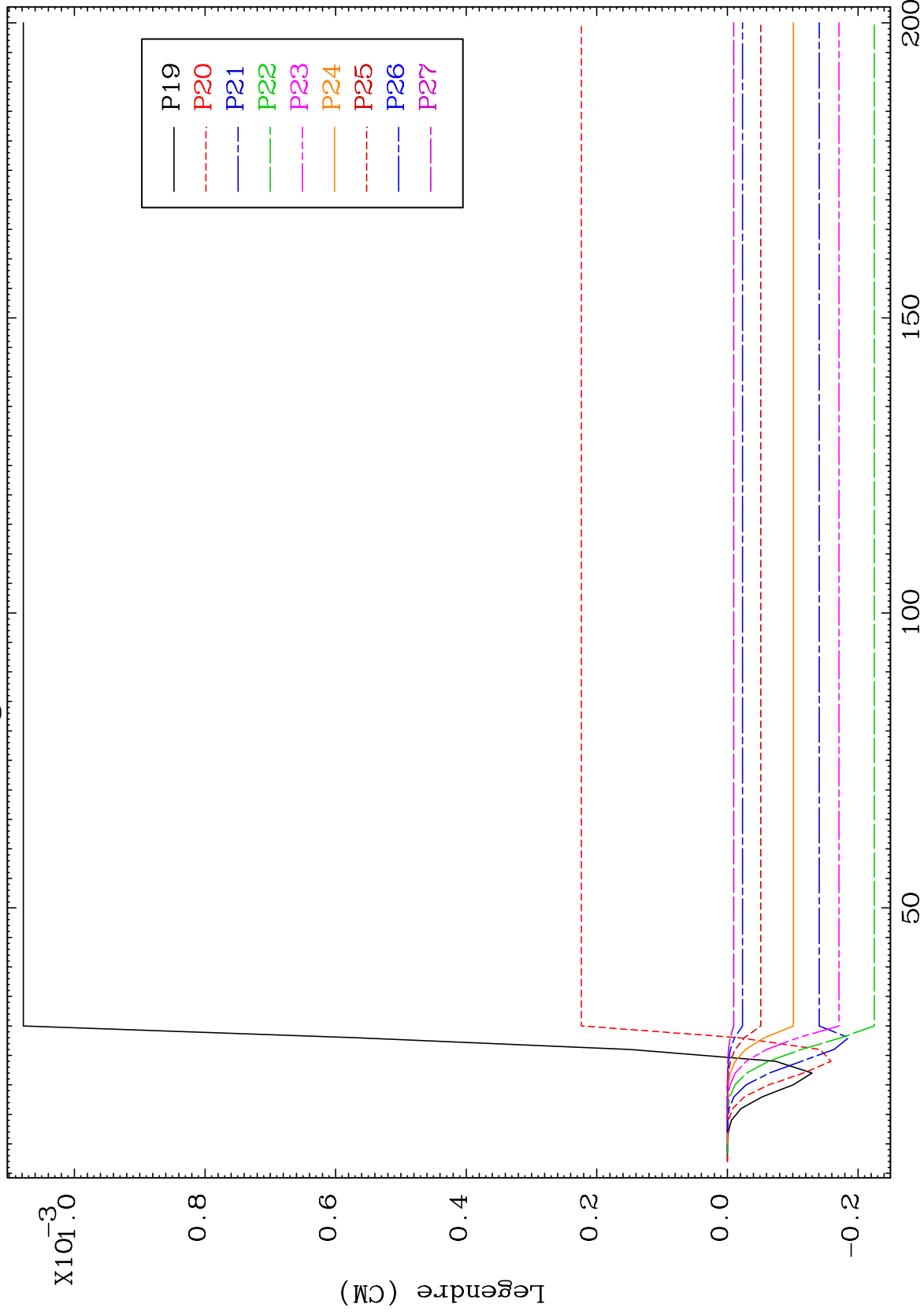
Incident Energy (MeV)

70-Yb-164

MAT 7013

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

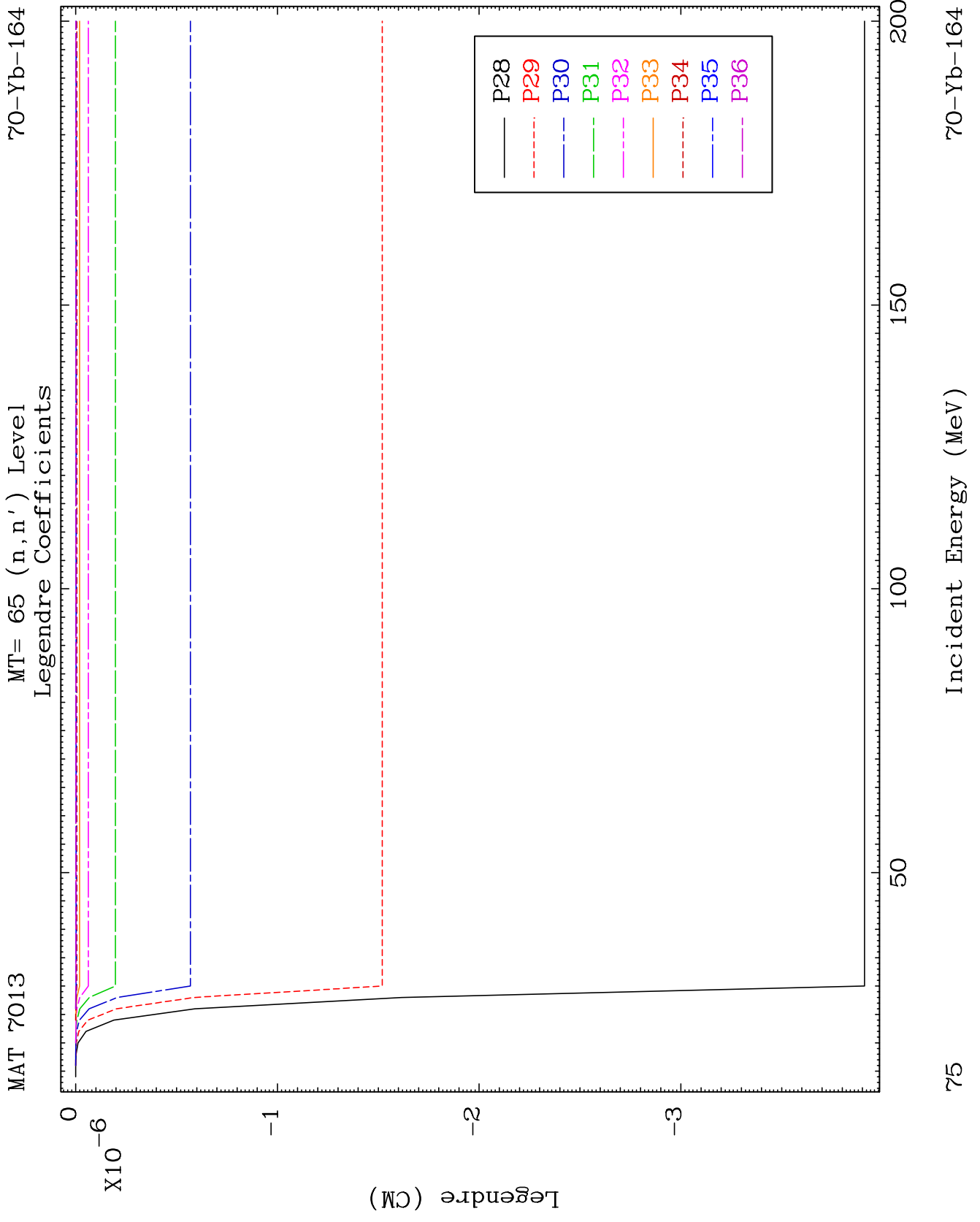
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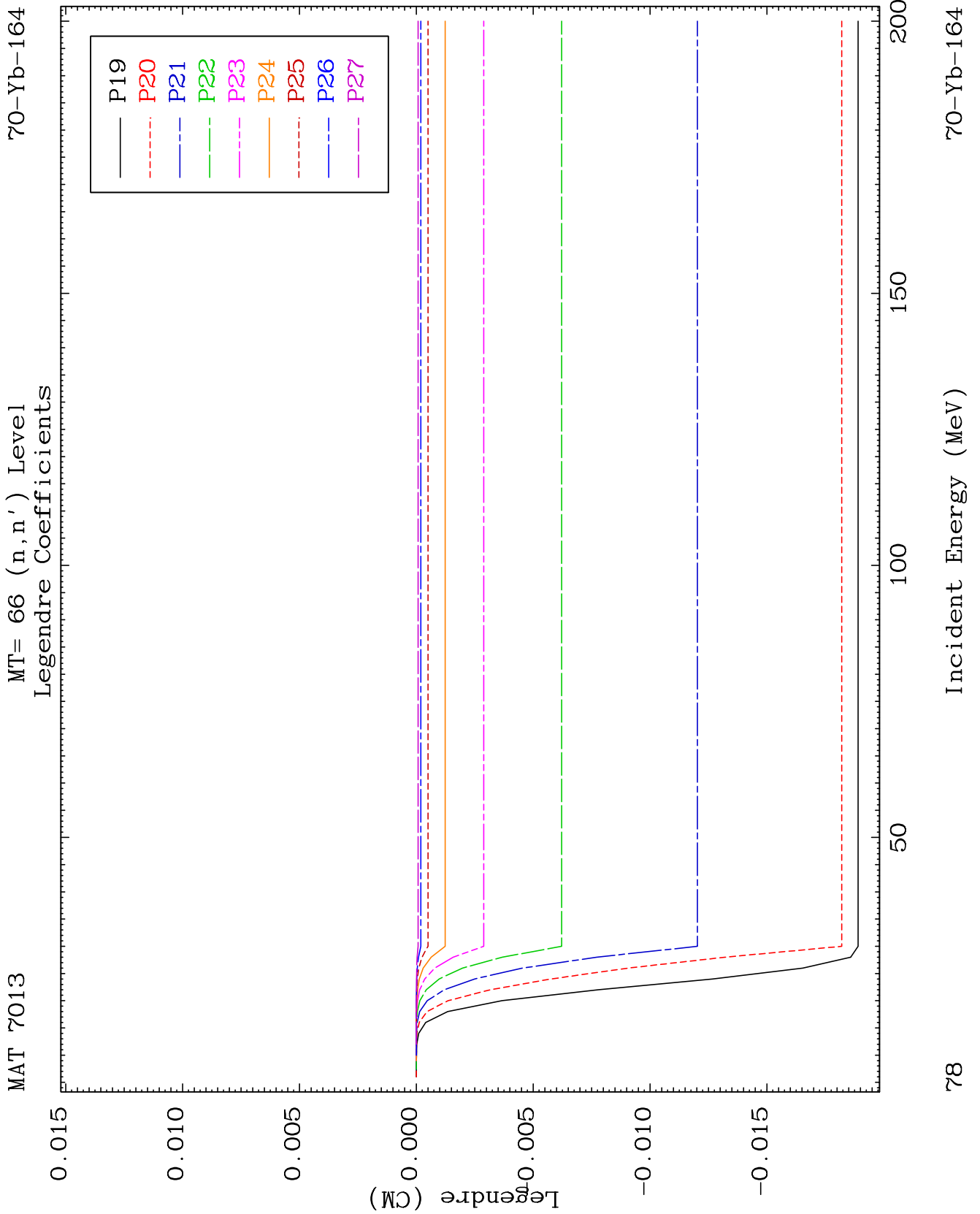


74

Incident Energy (MeV)

70-Yb-164

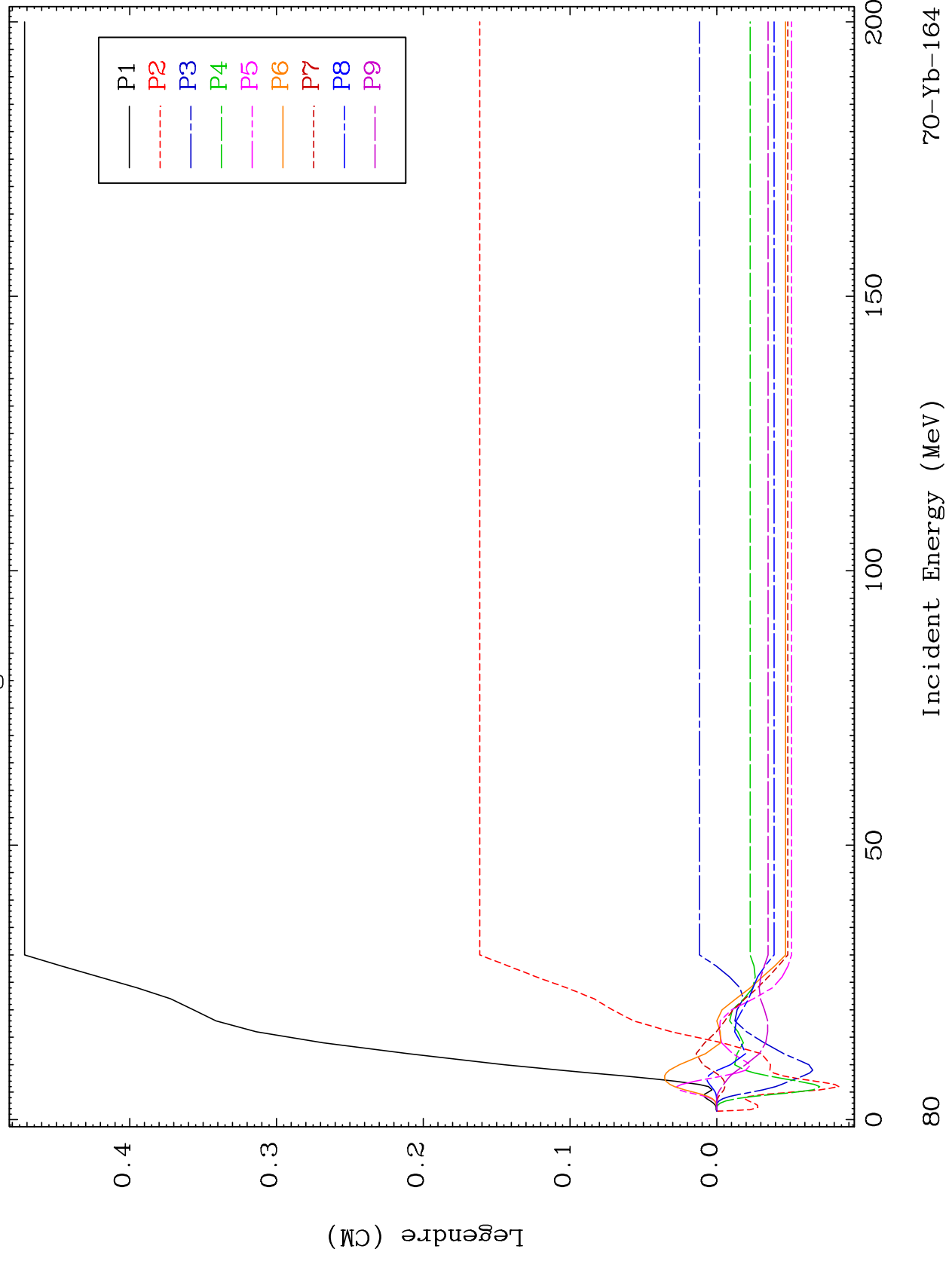




MAT 7013

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

70-Yb-164

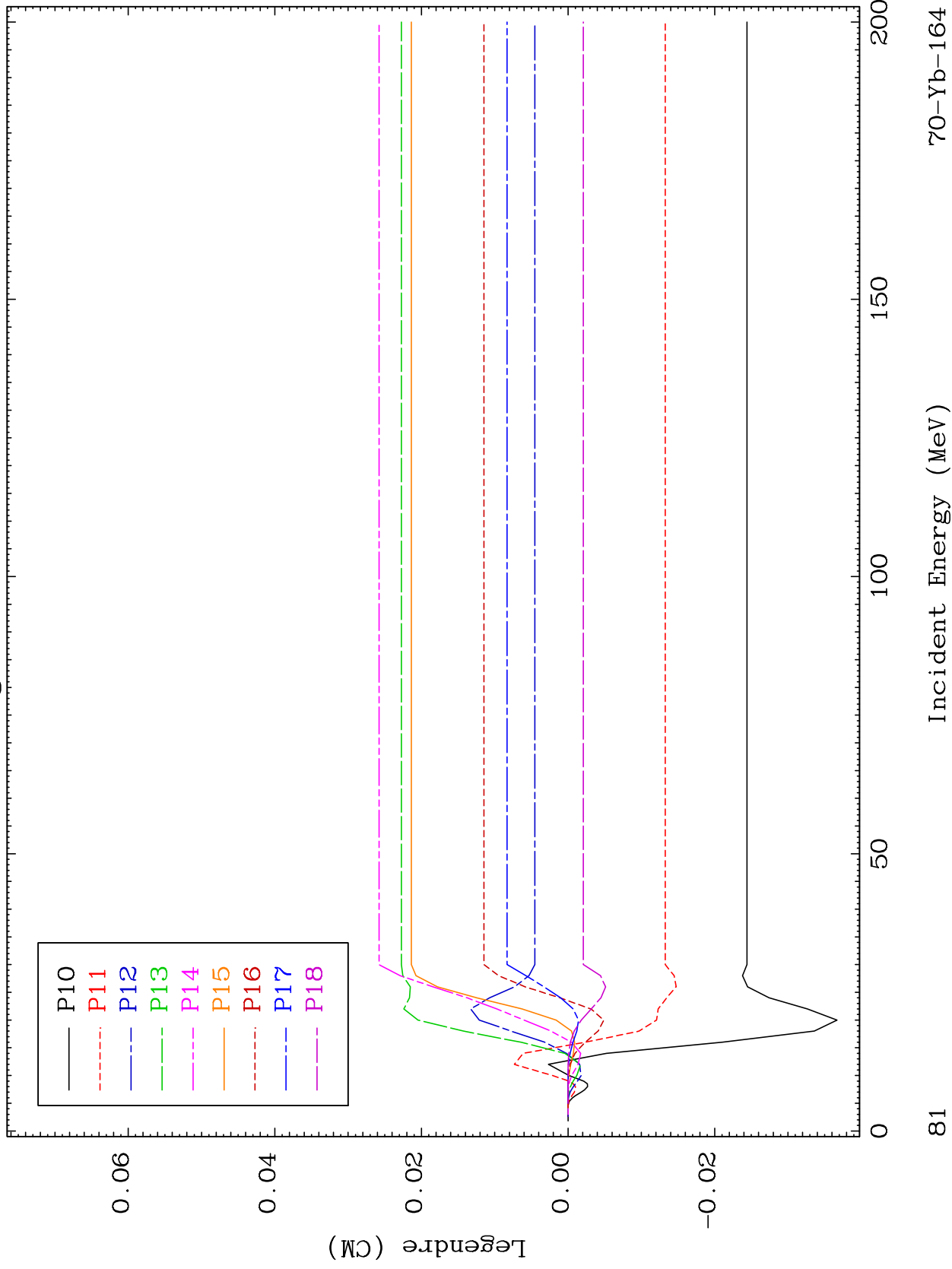


70-Yb-164

MAT 7013

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

70-Yb-164



81

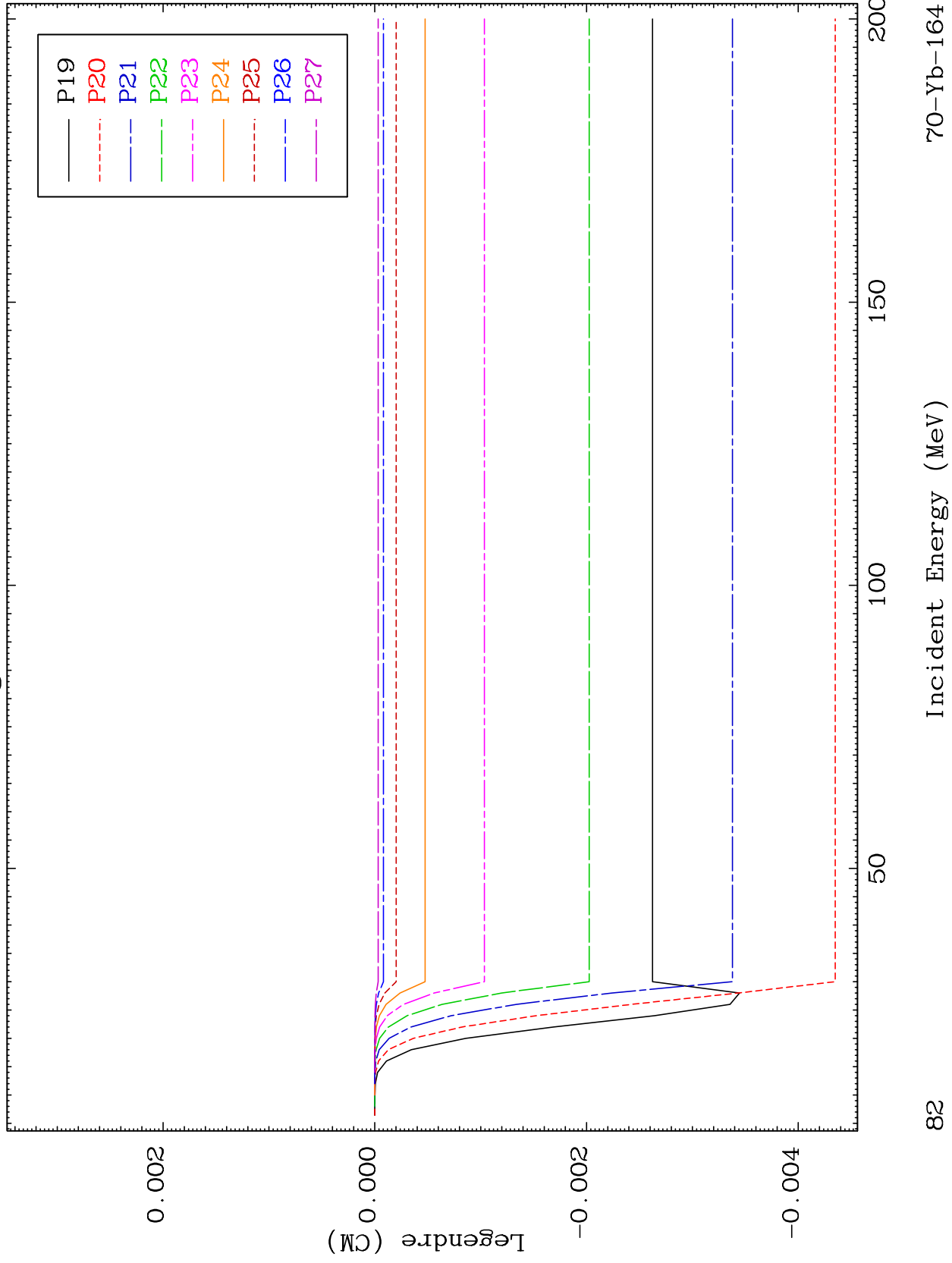
Incident Energy (MeV)

70-Yb-164

MAT 7013

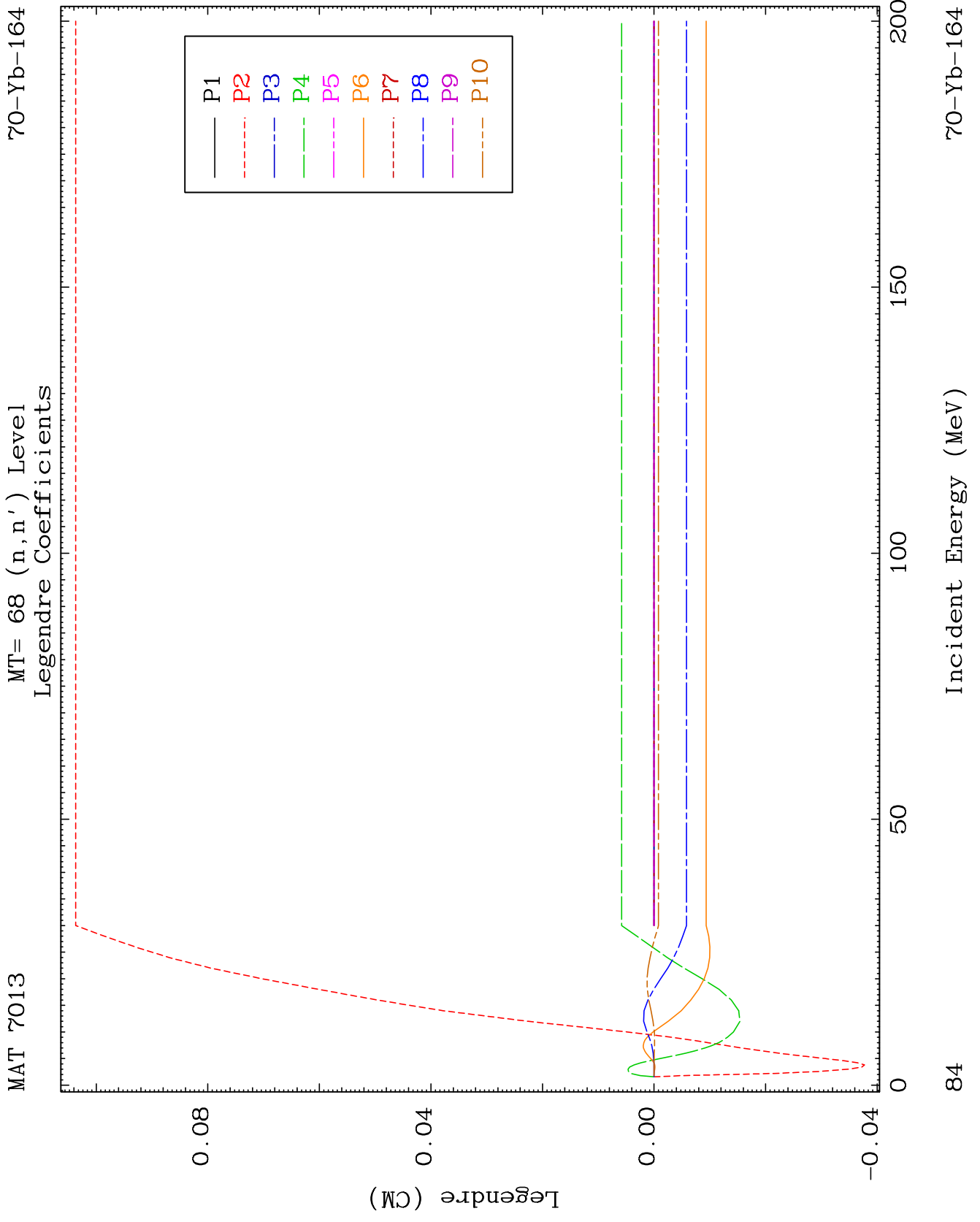
MT= 67 (n,n') Level
Legendre Coefficients

70-Yb-164



82

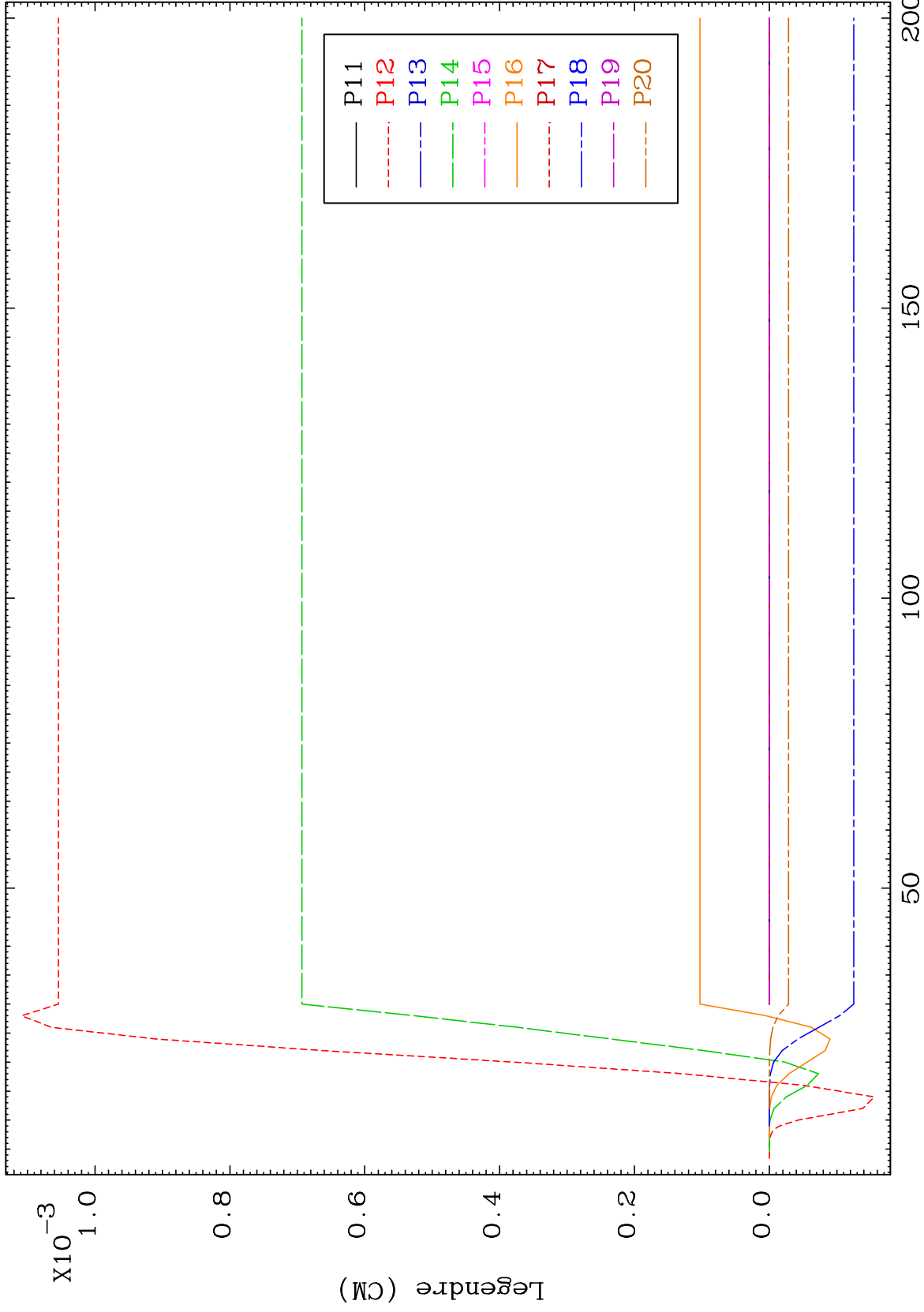
70-Yb-164



MAT 7013

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

70-Yb-164



85

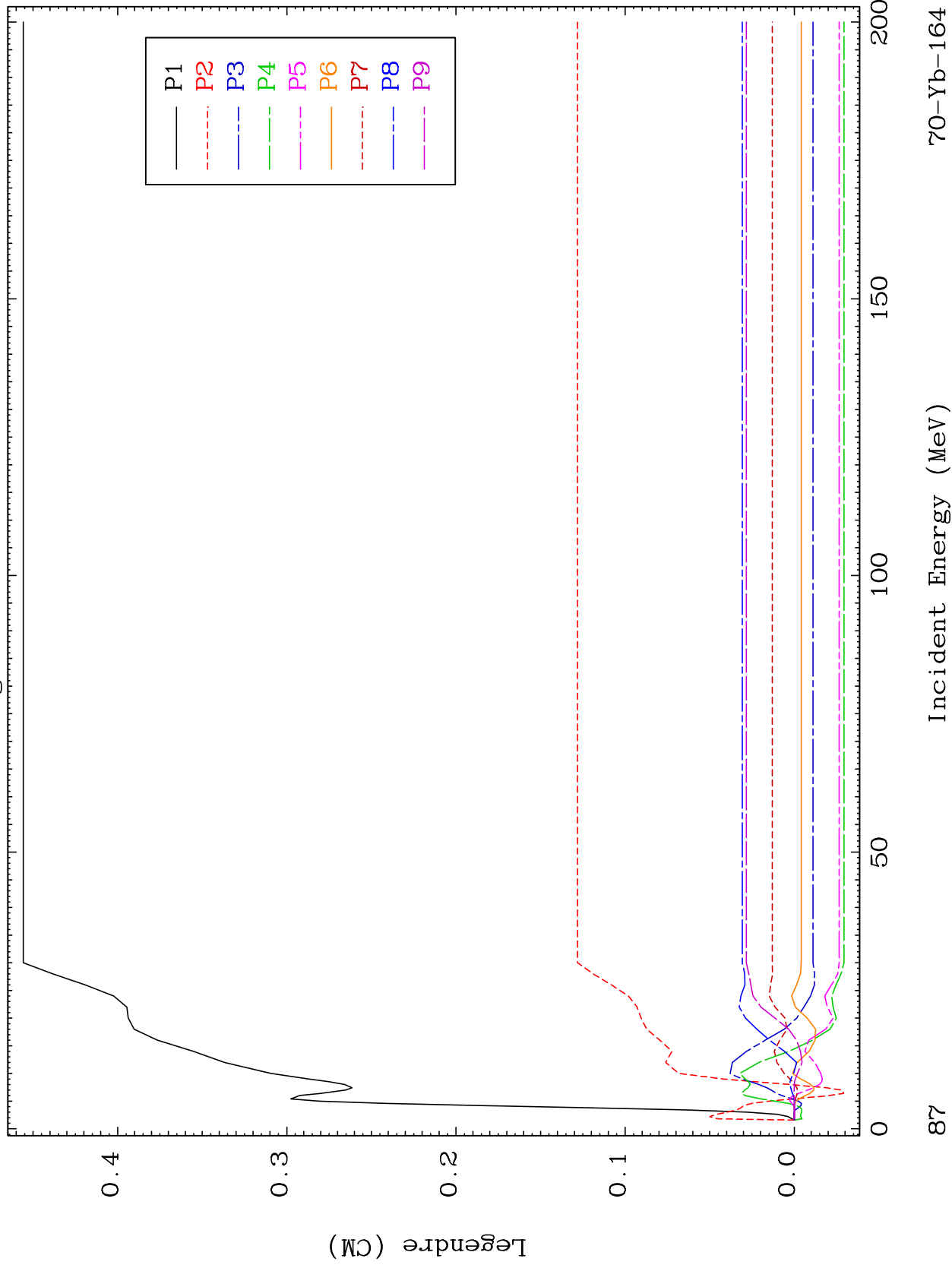
Incident Energy (MeV)

70-Yb-164

MAT 7013

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

70-Yb-164



70-Yb-164

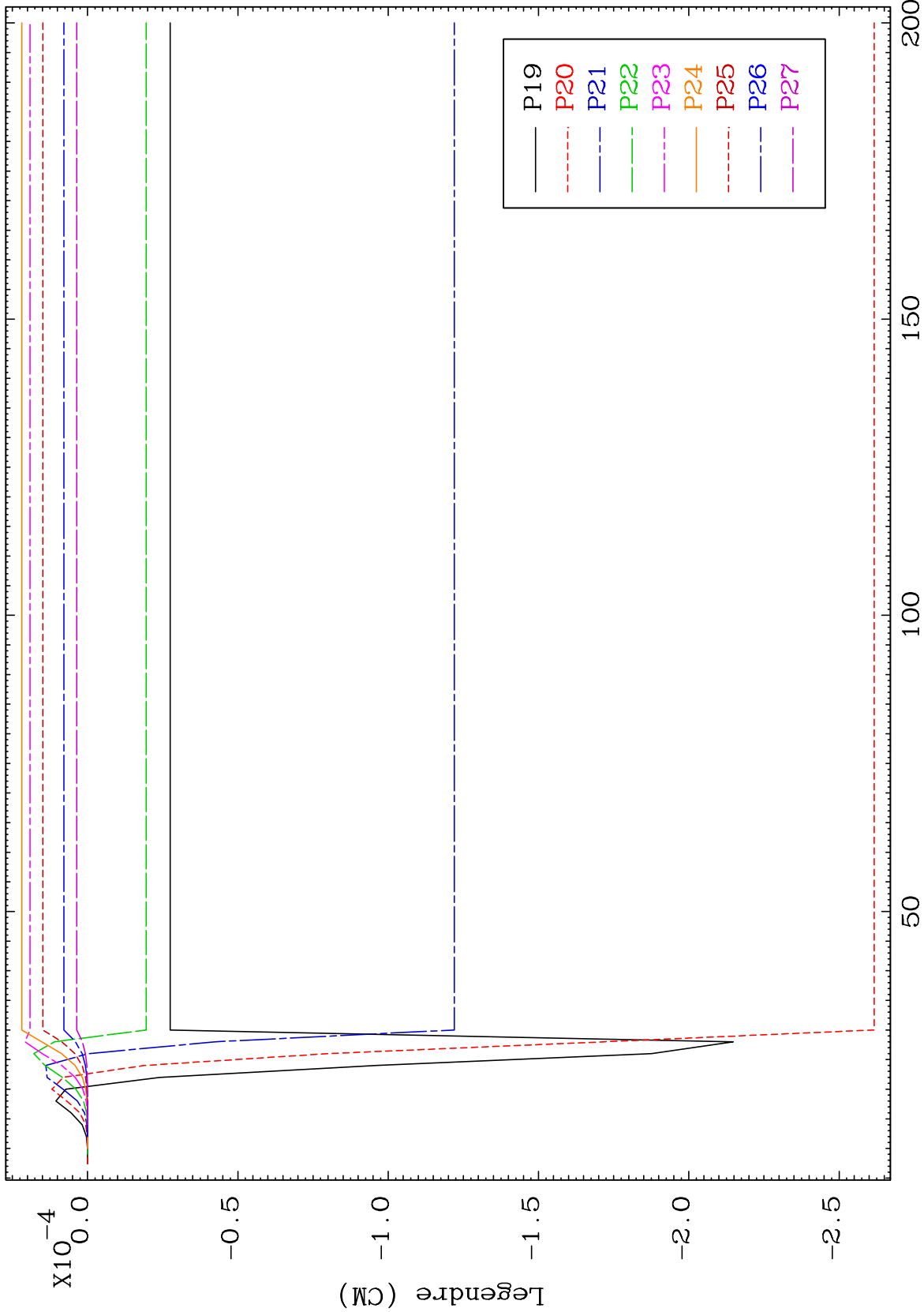
Incident Energy (MeV)

87

MAT 7013

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

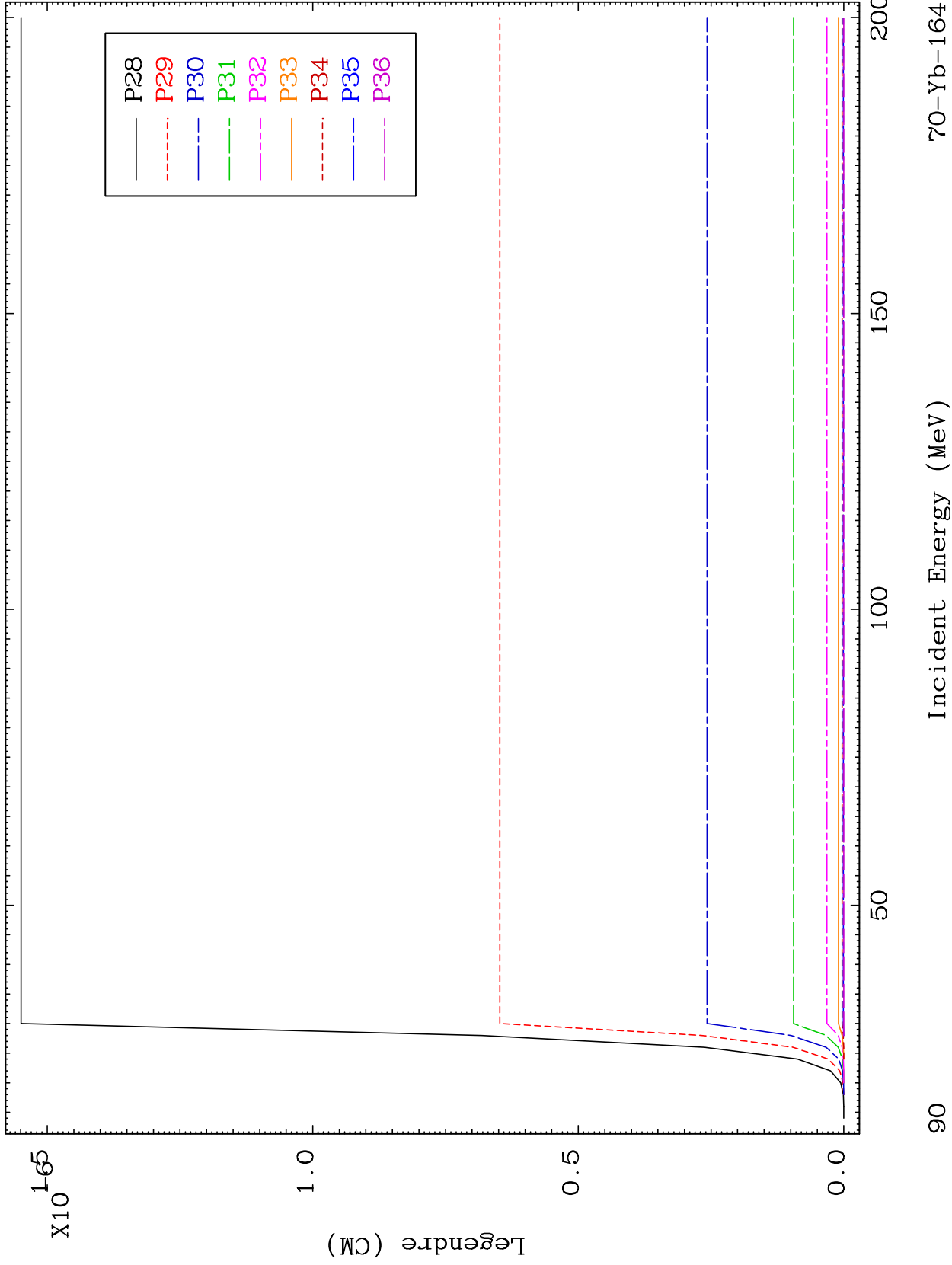
70-Yb-164

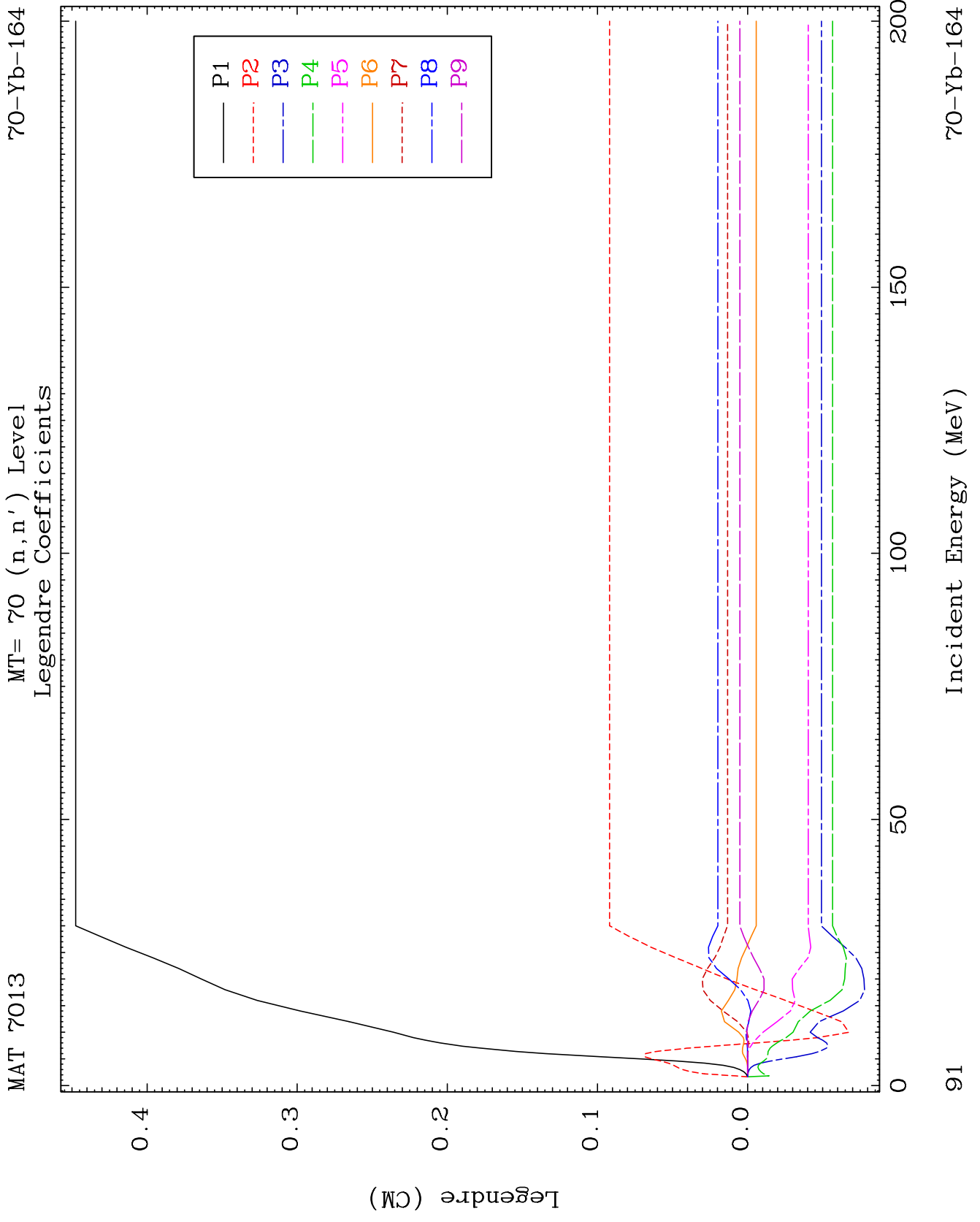


MAT 7013

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

70-Yb-164

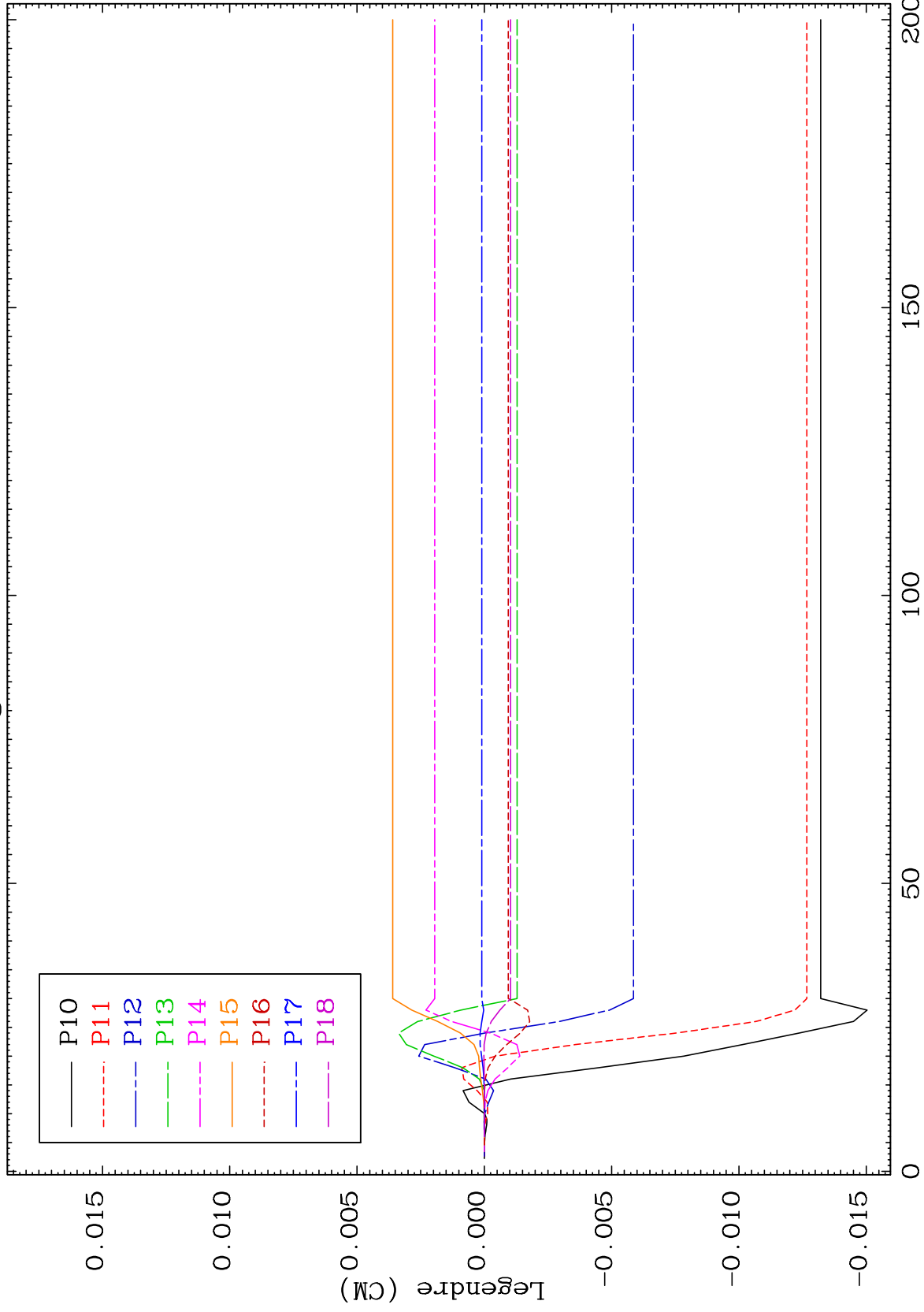




MAT 7013

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

70-Yb-164



92

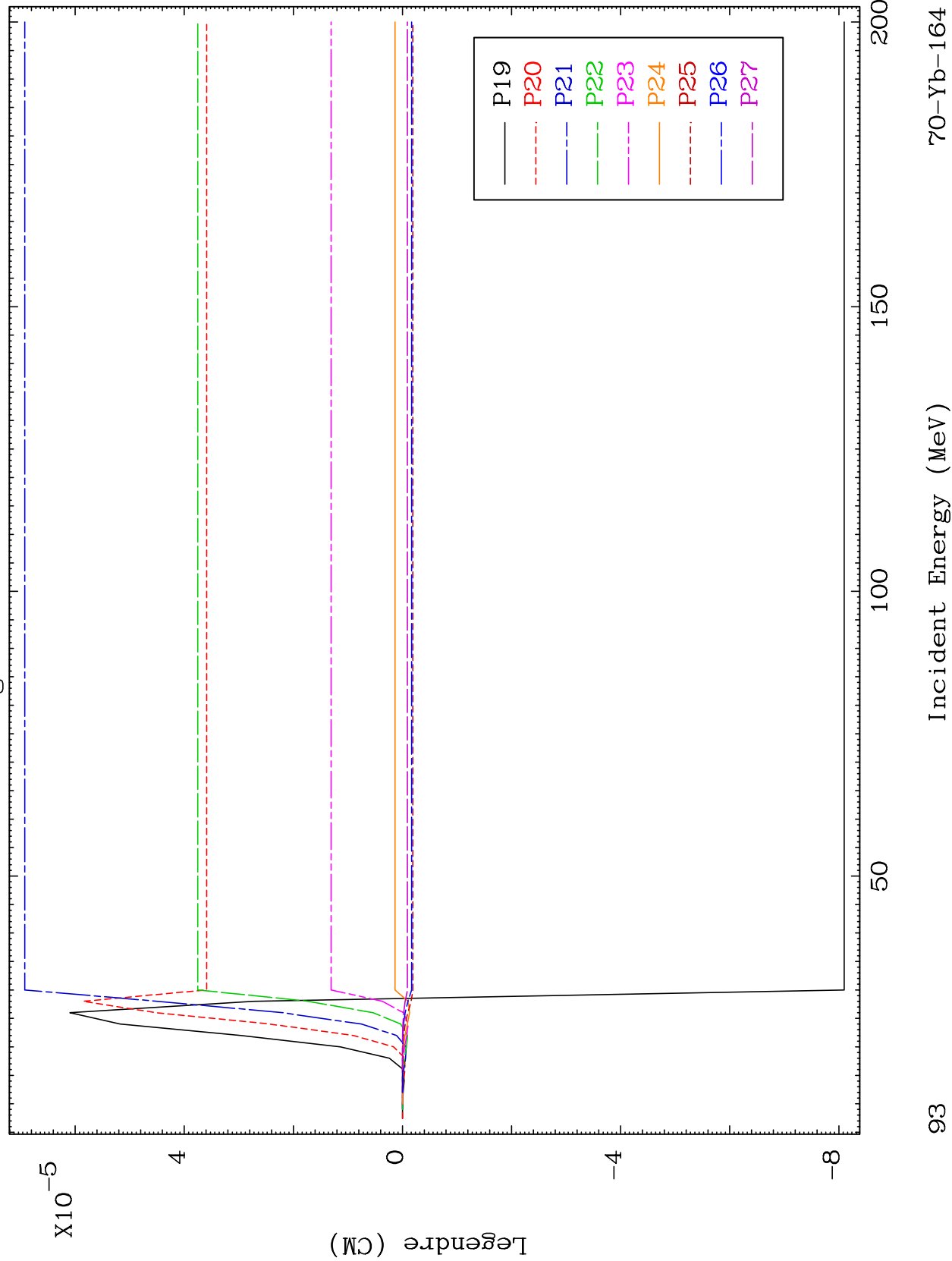
Incident Energy (MeV)

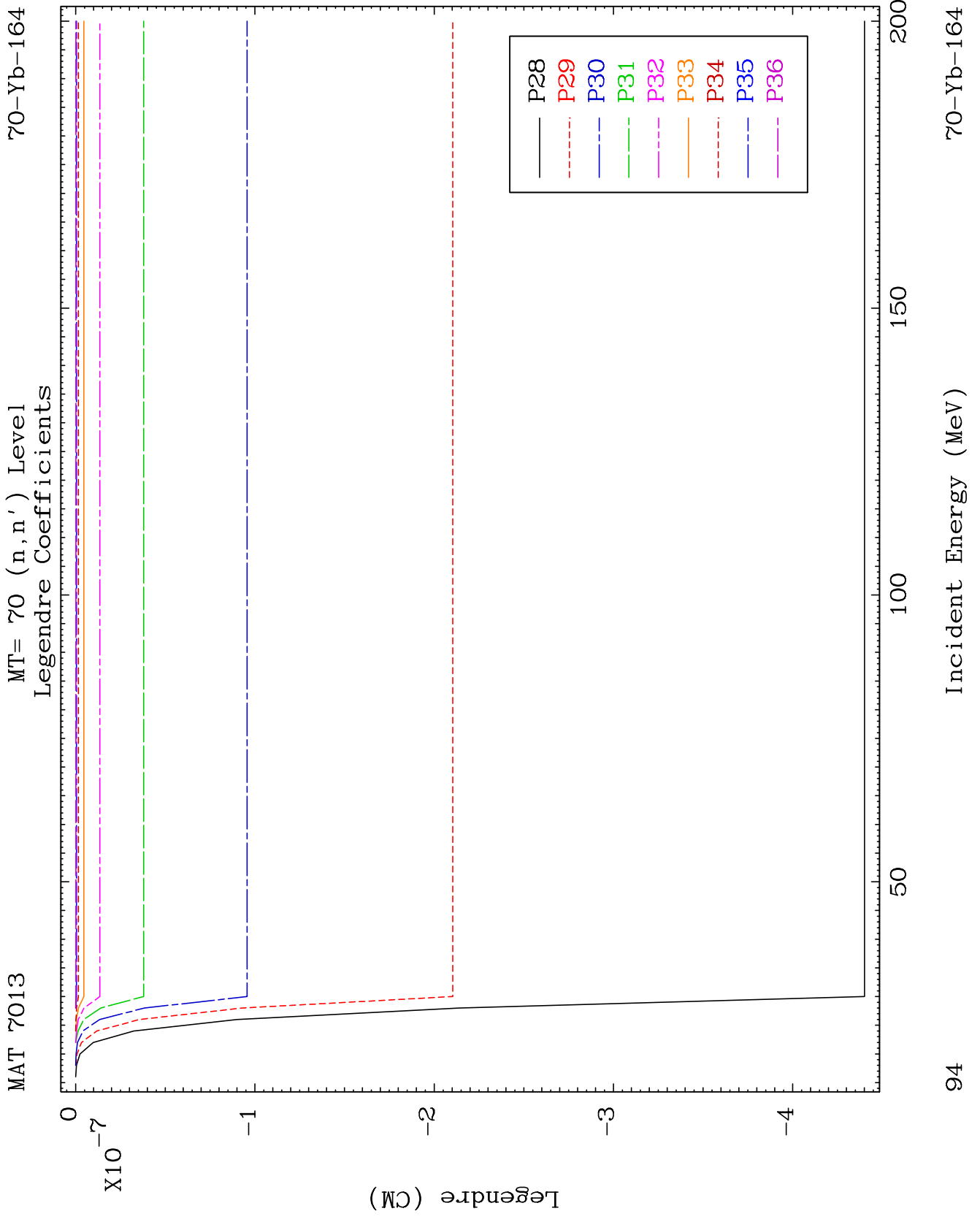
70-Yb-164

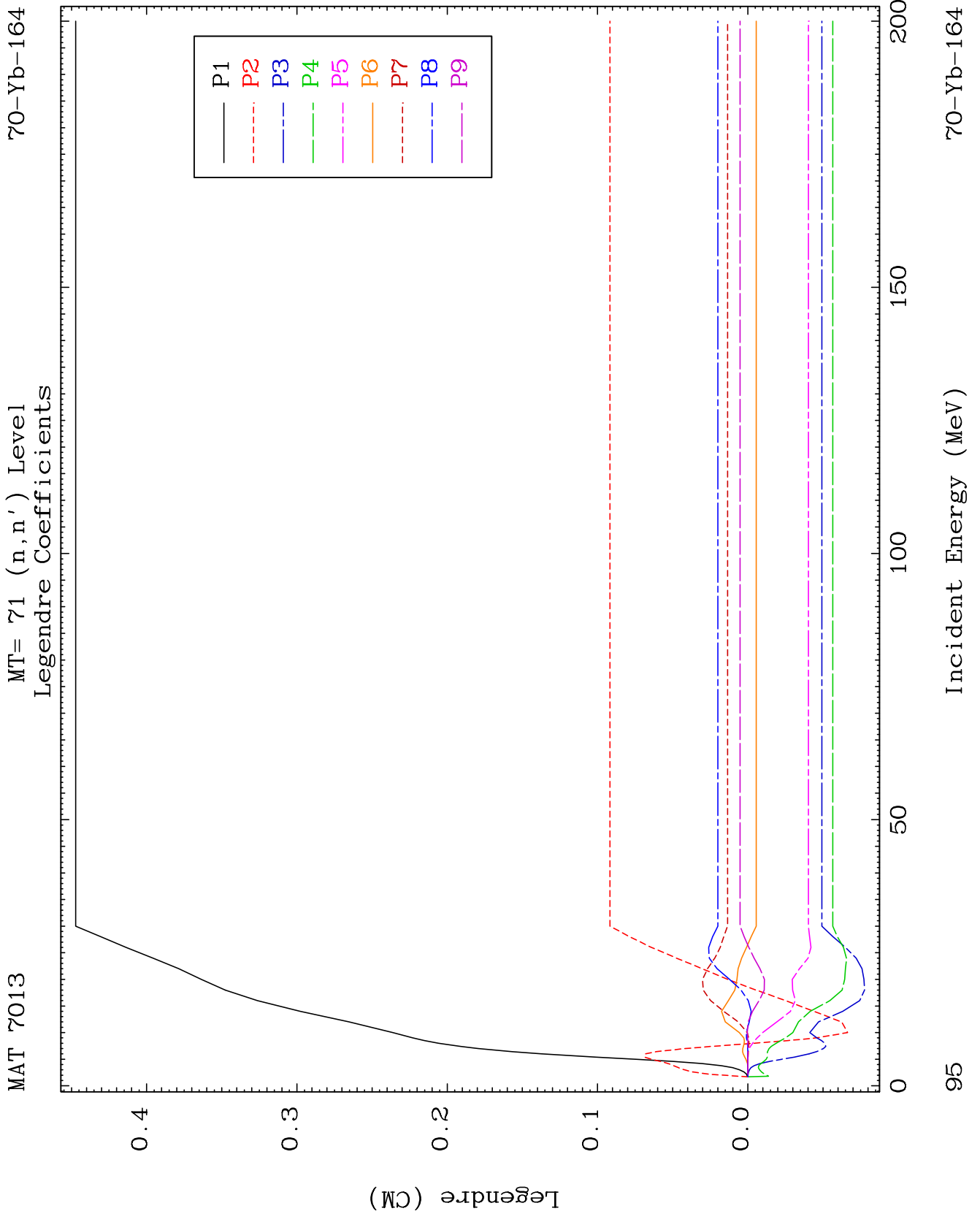
MAT 7013

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

70-Yb-164



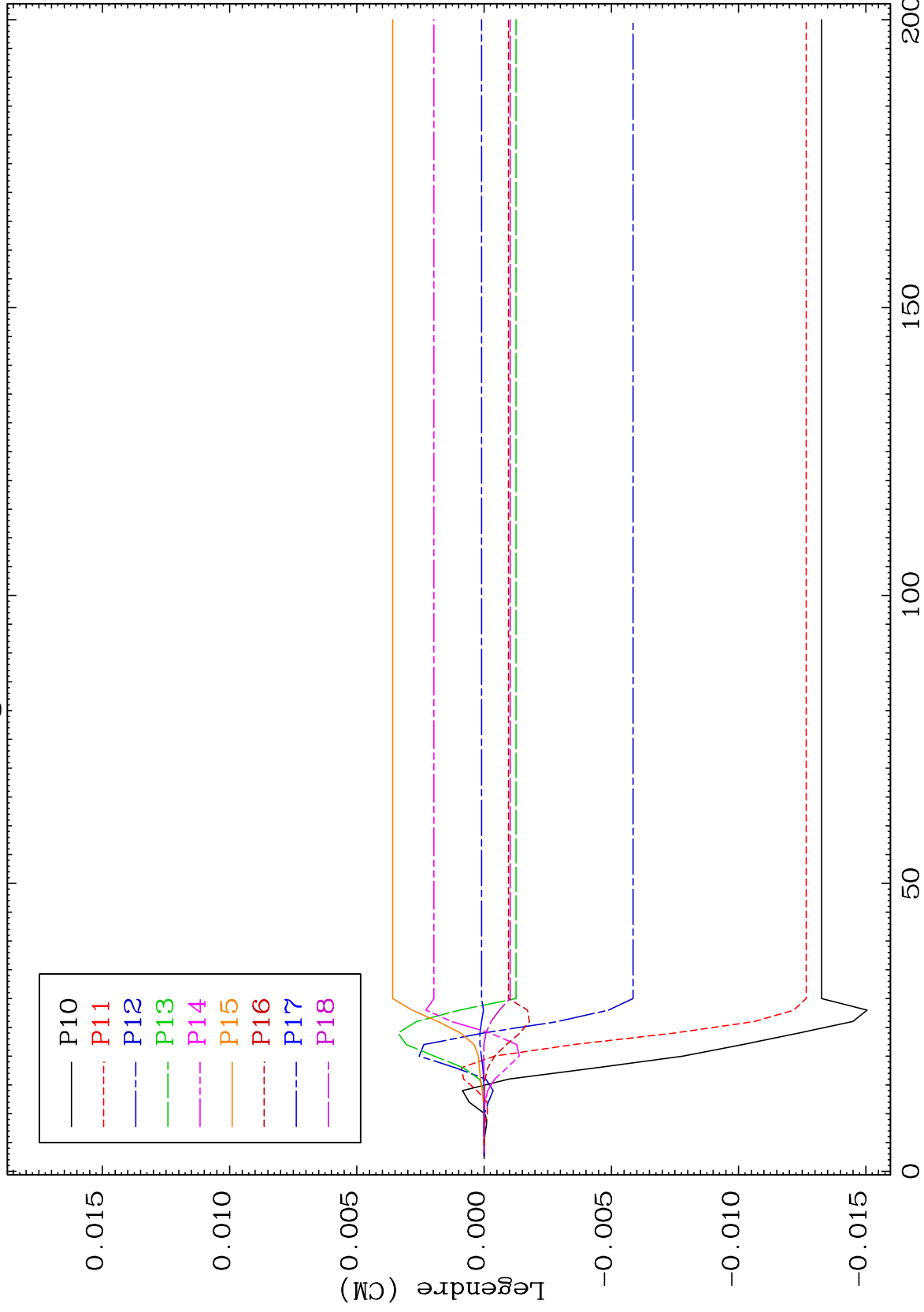




MAT 7013

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

70-Yb-164



96

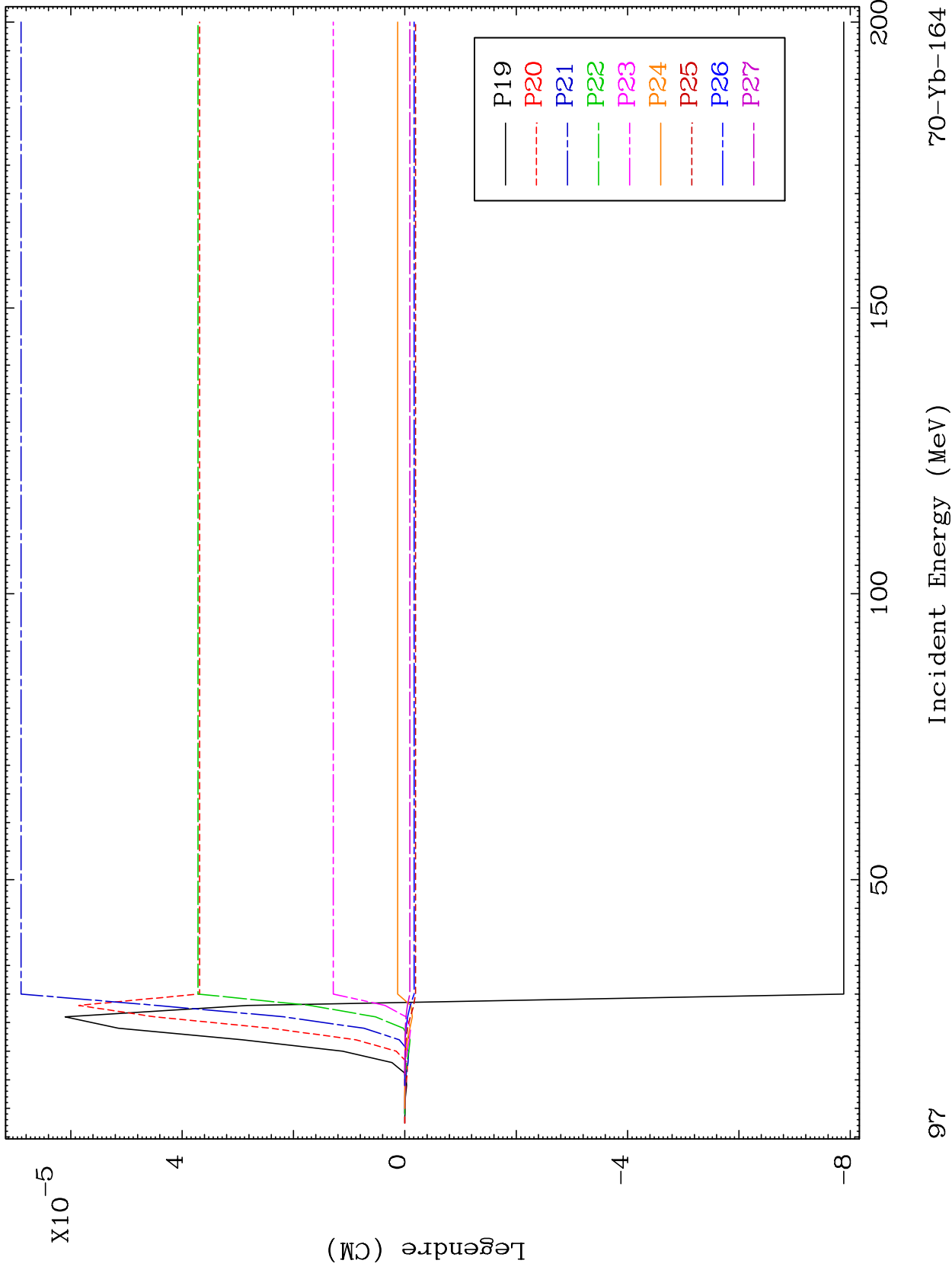
Incident Energy (MeV)

70-Yb-164

MAT 7013

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

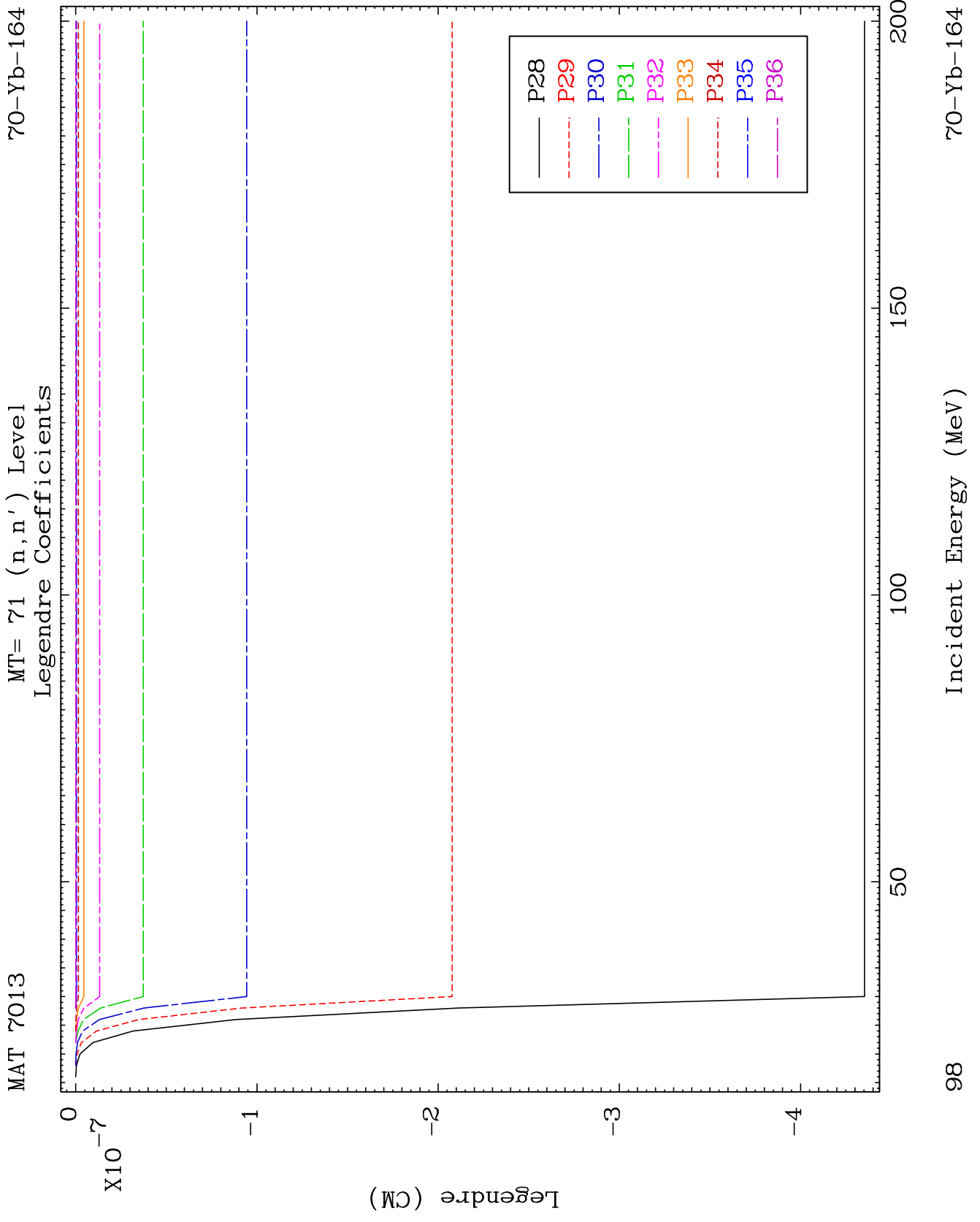
70-Yb-164



97

Incident Energy (MeV)

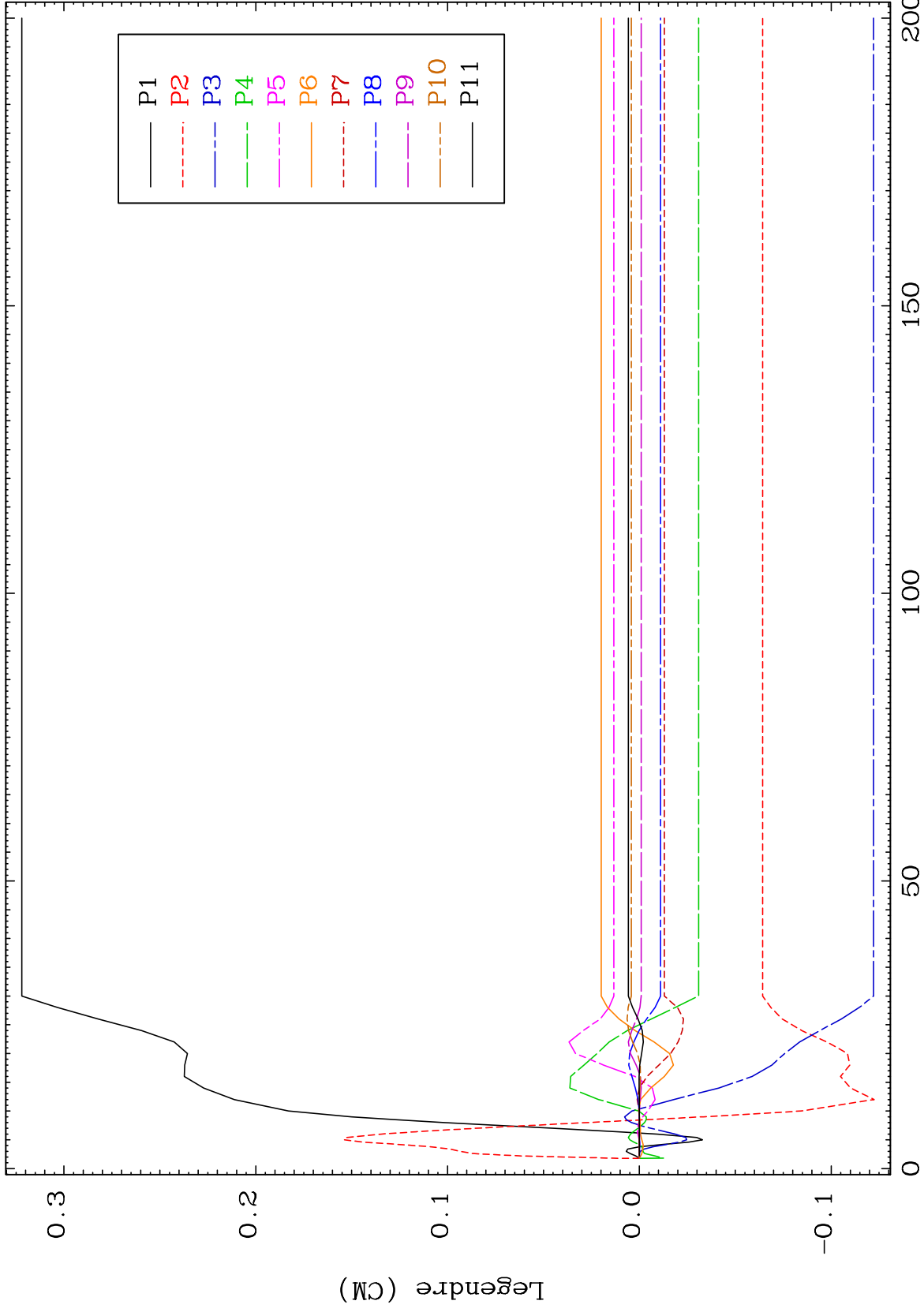
70-Yb-164



MAT 7013

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

70-Yb-164



99

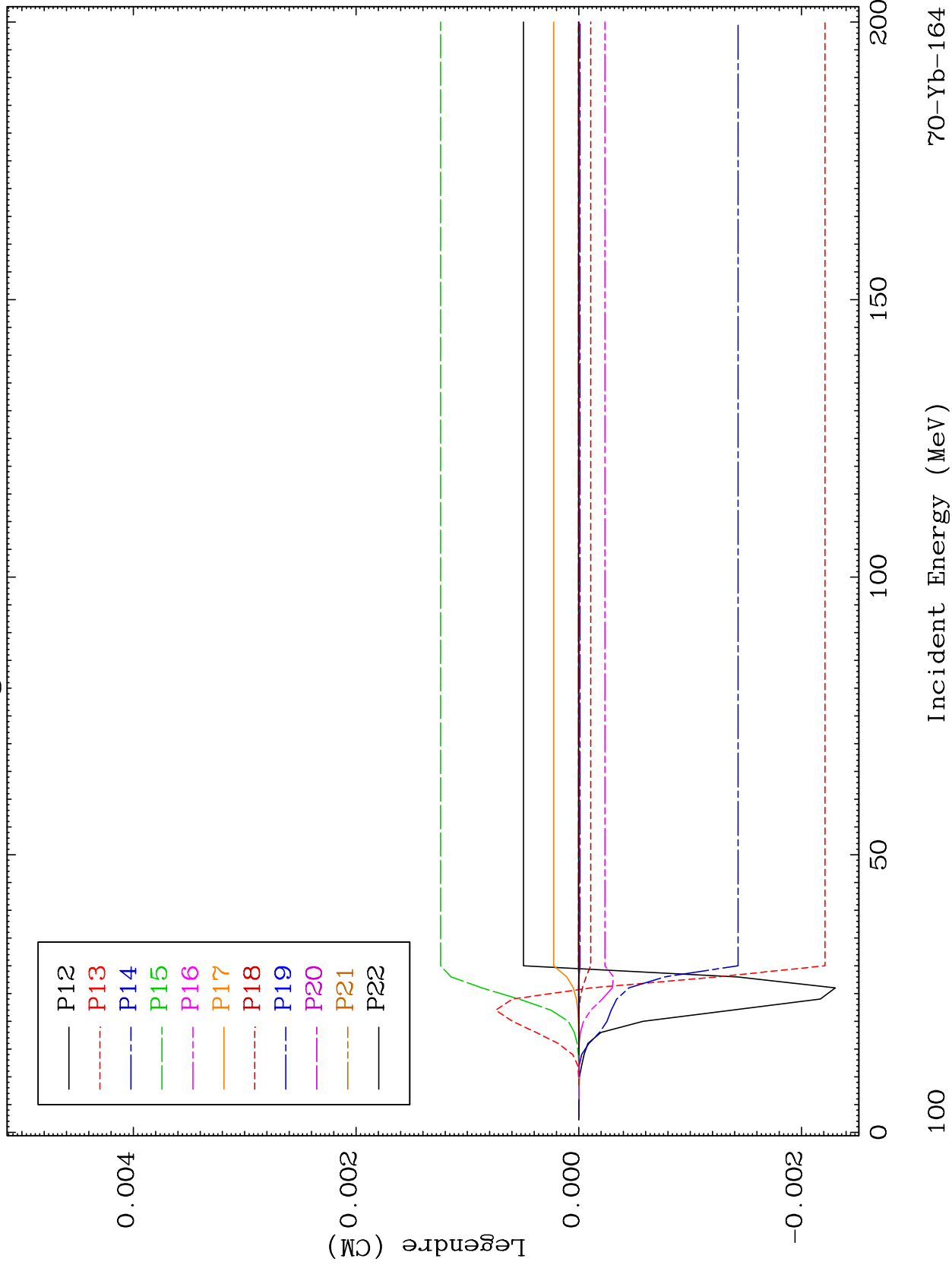
Incident Energy (MeV)

70-Yb-164

MAT 7013

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

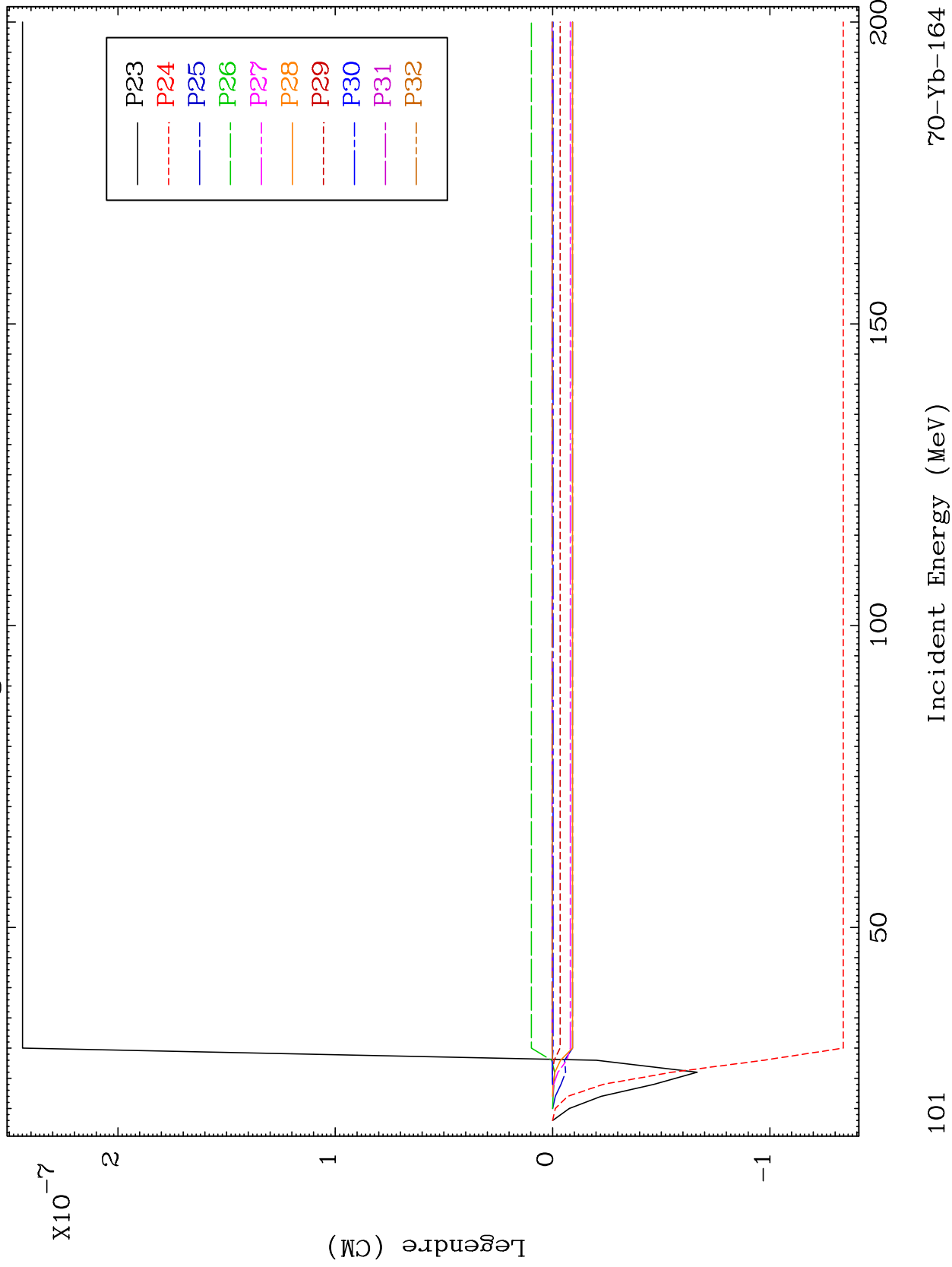
70-Yb-164



MAT 7013

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

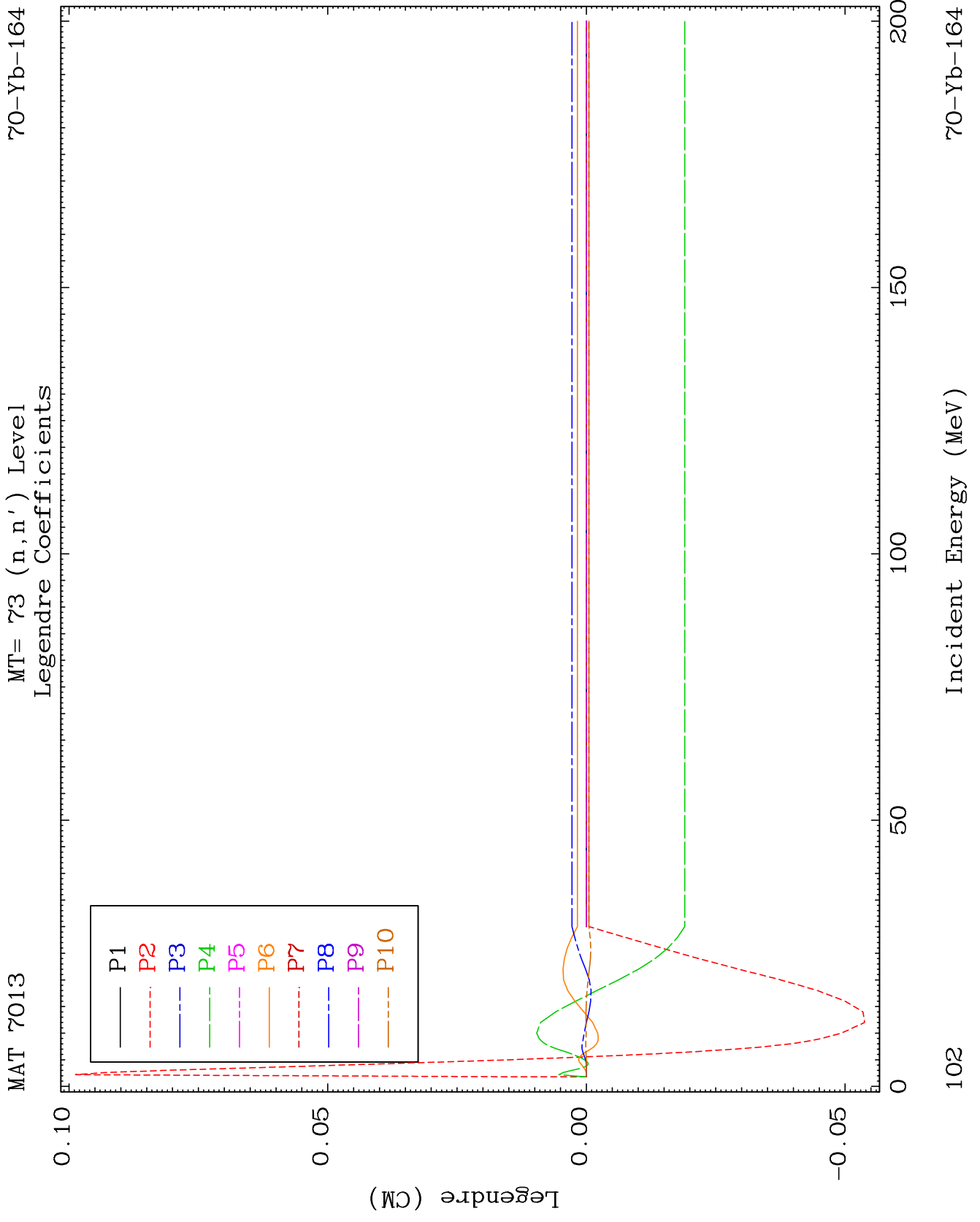
70-Yb-164



101

Incident Energy (MeV)

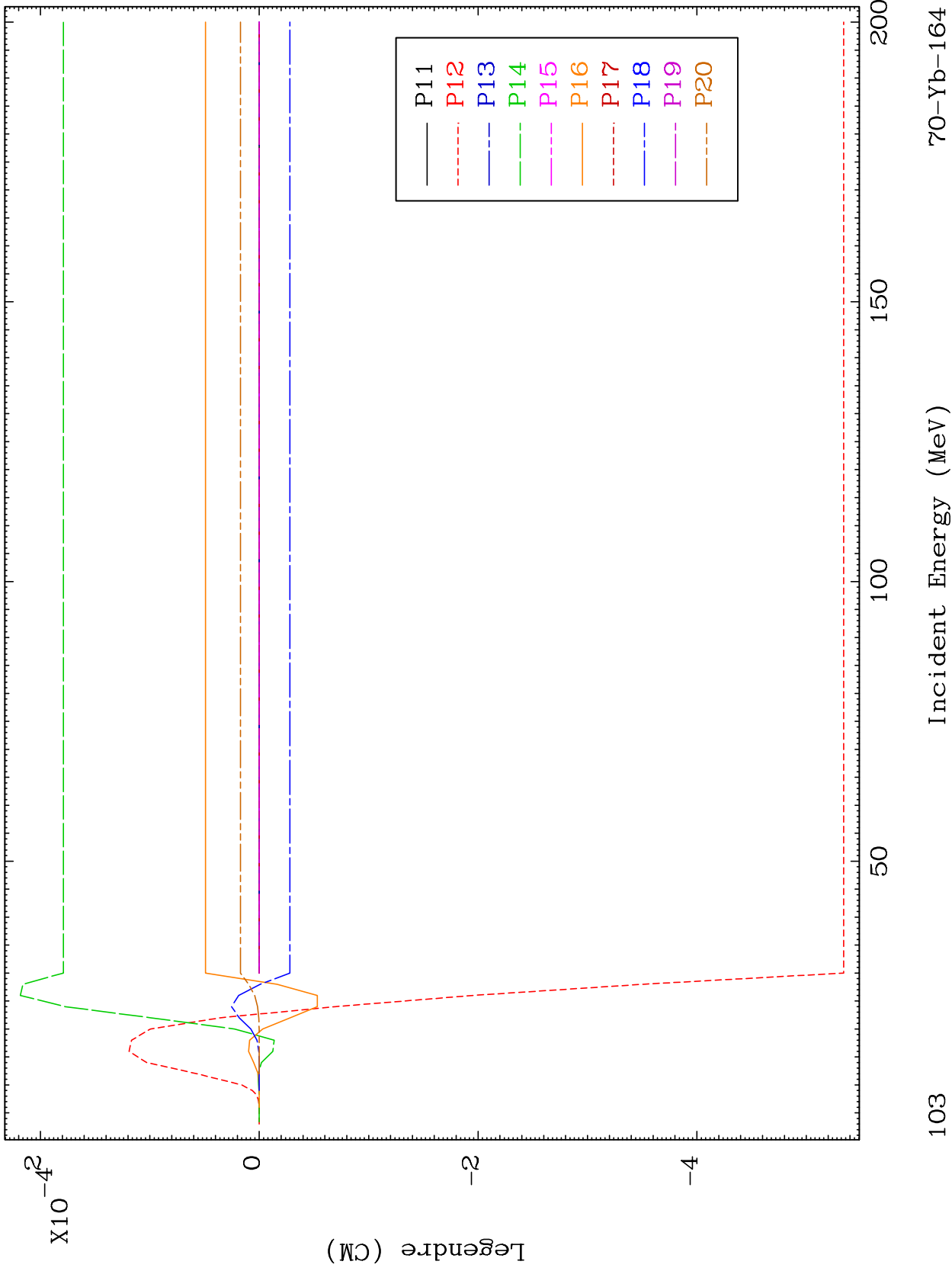
70-Yb-164



MAT 7013

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

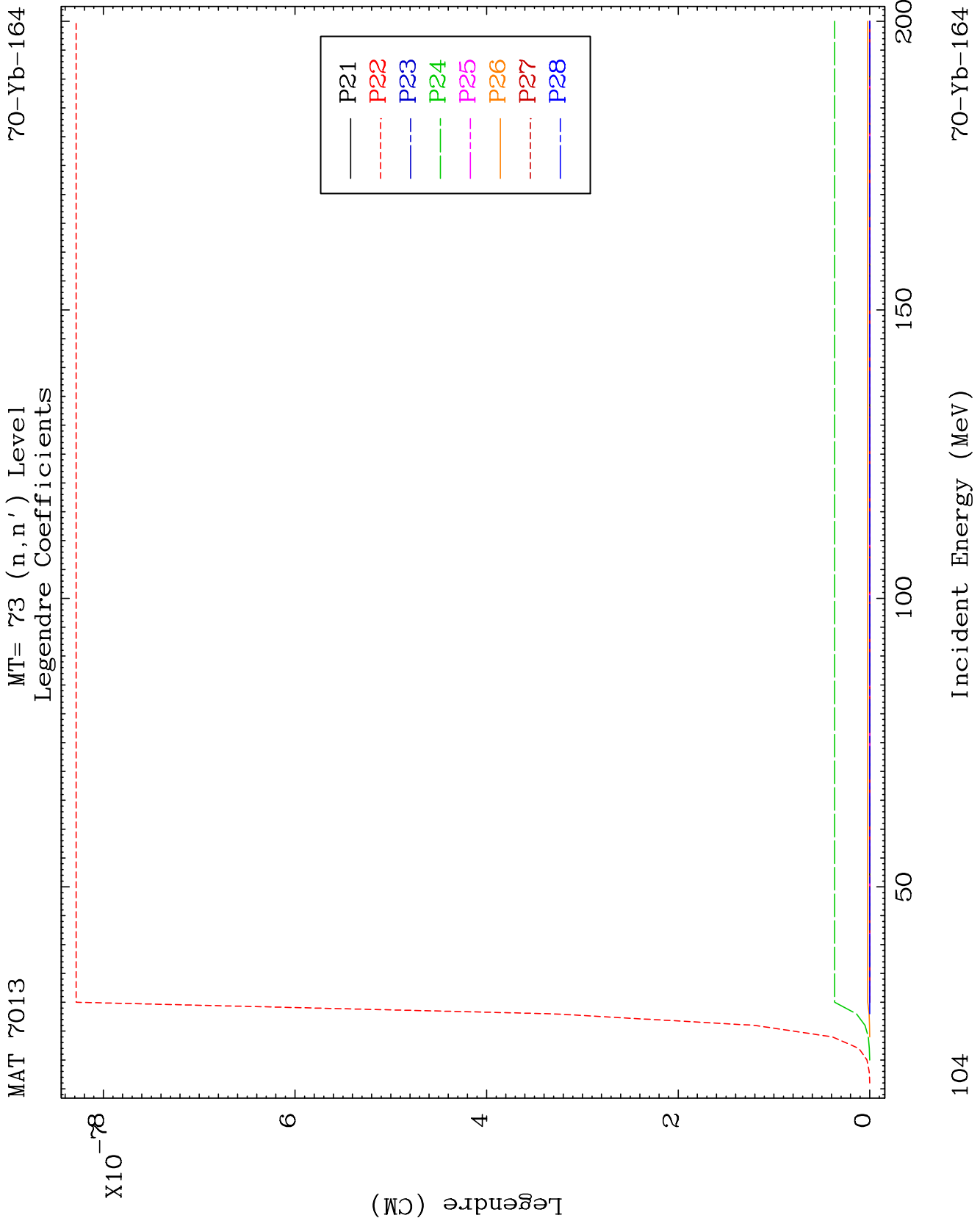
70-Yb-164

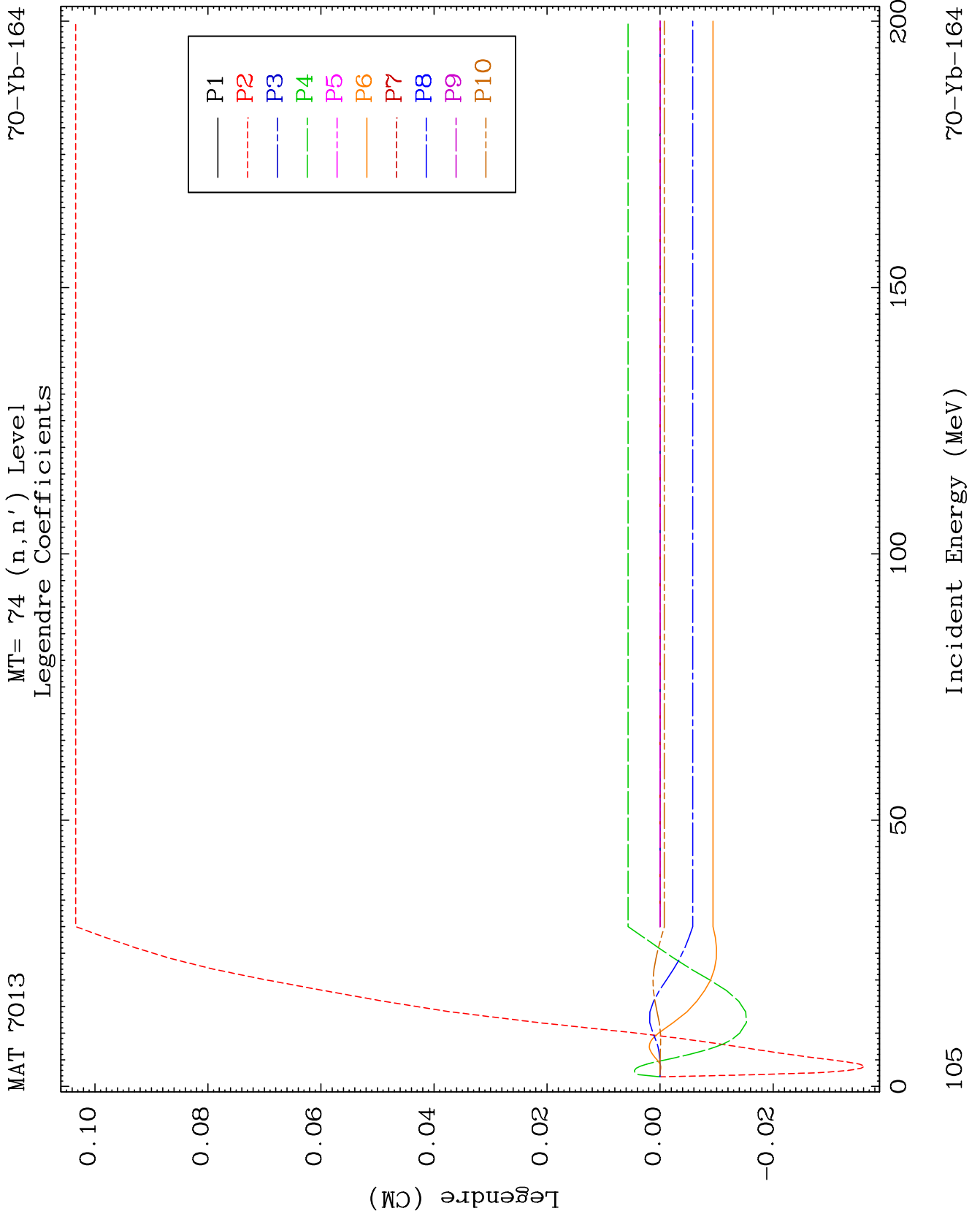


103

Incident Energy (MeV)

70-Yb-164

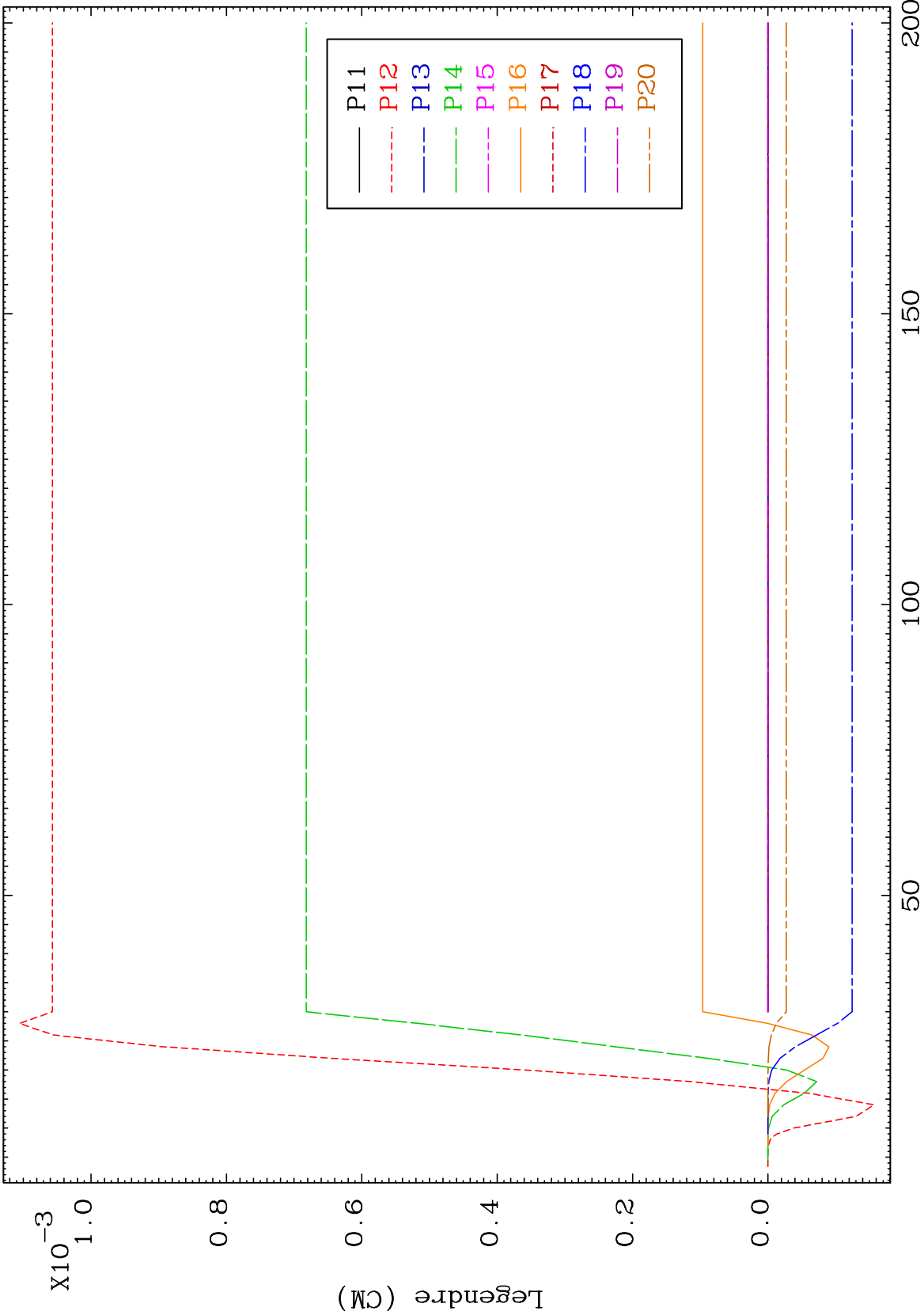




MAT 7013

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

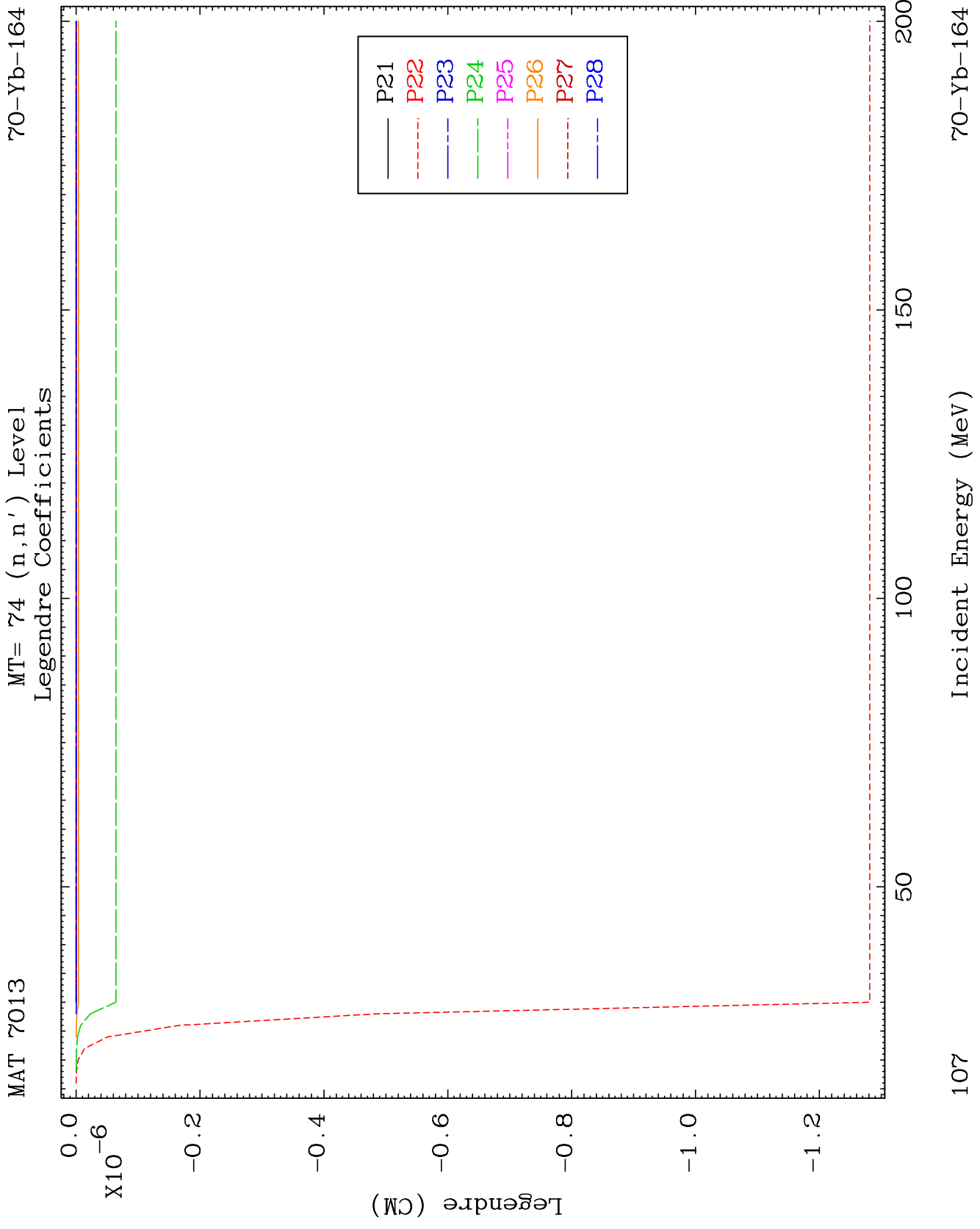
70-Yb-164

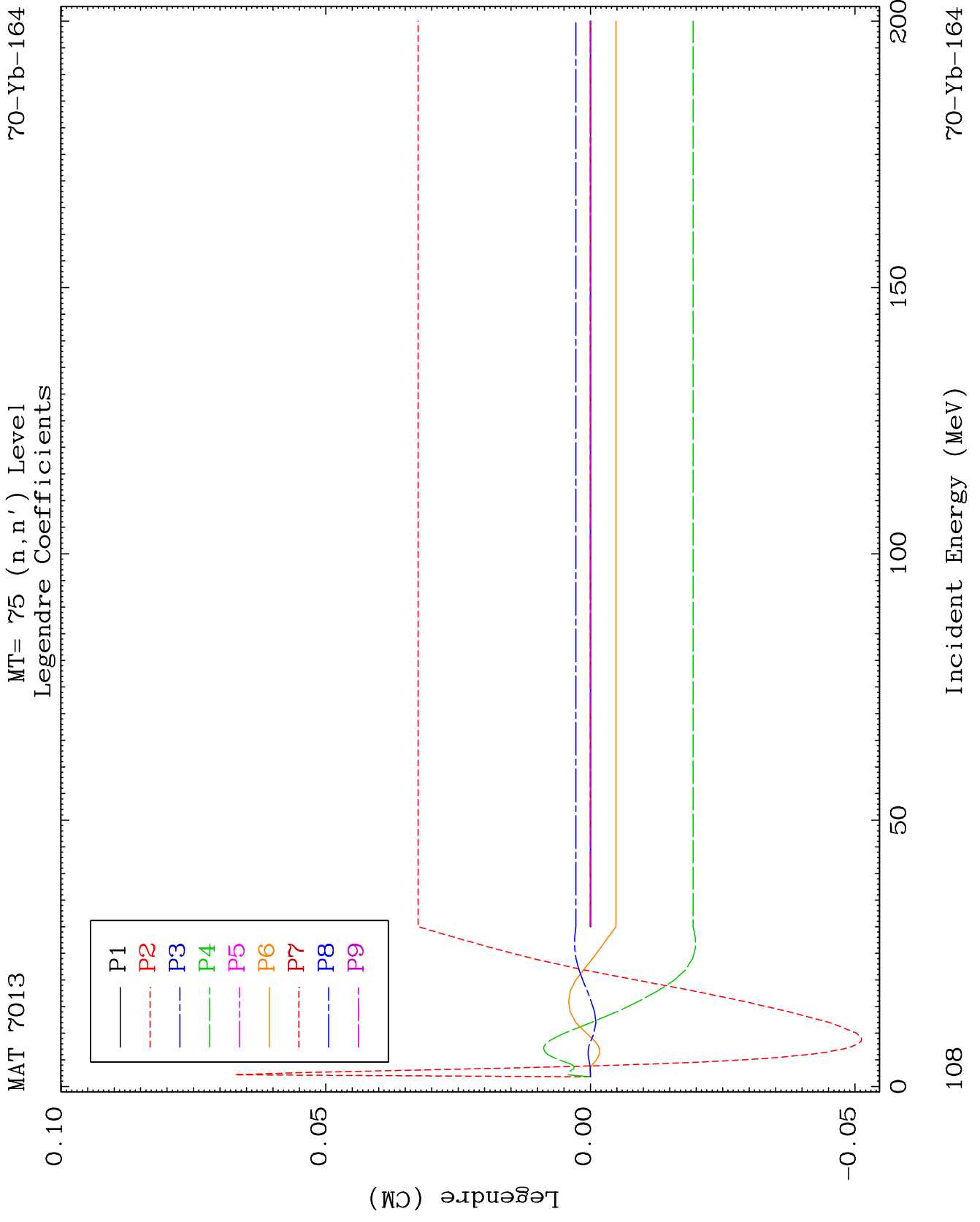


106

Incident Energy (MeV)

70-Yb-164

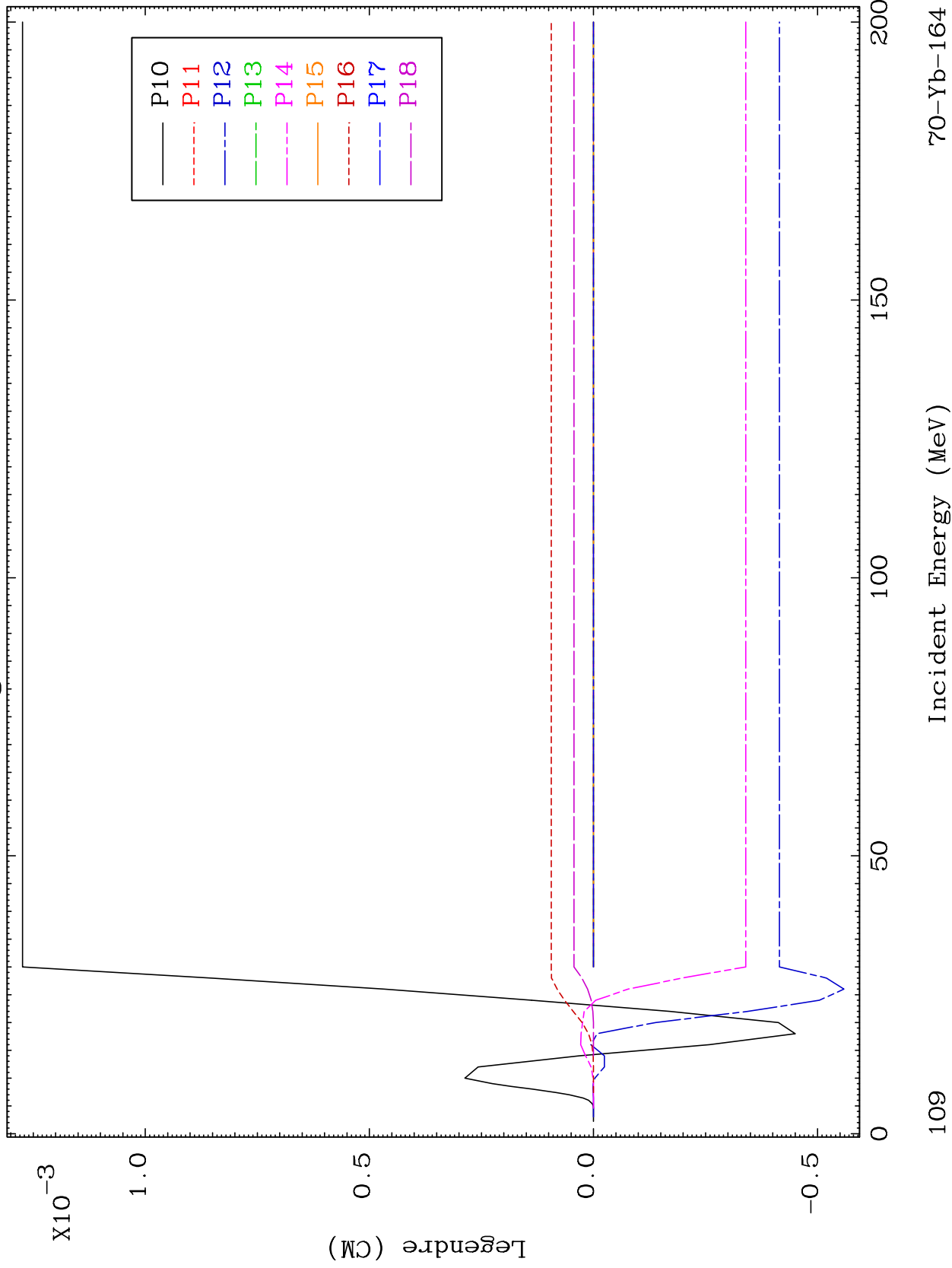




MAT 7013

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

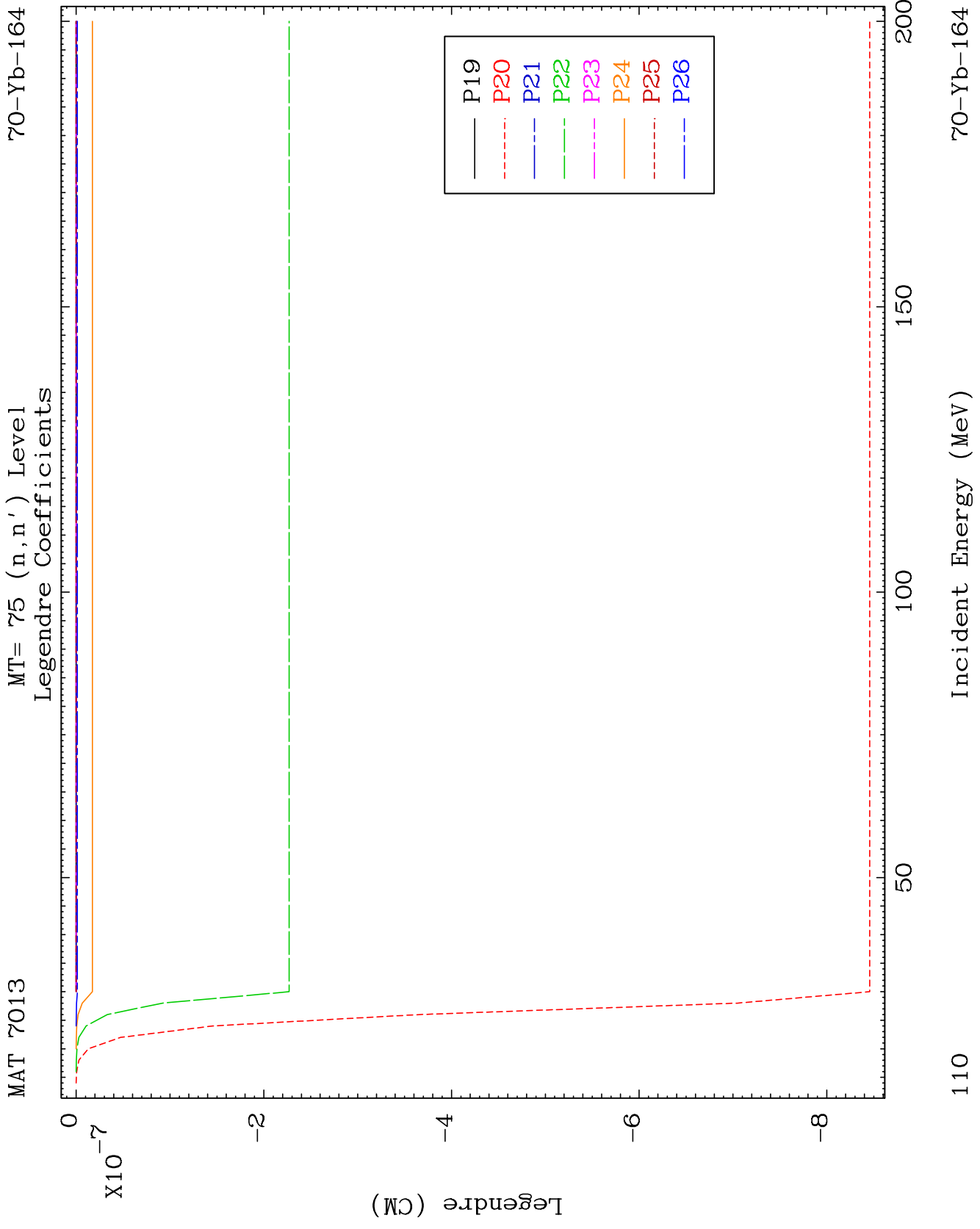
70-Yb-164



109

Incident Energy (MeV)

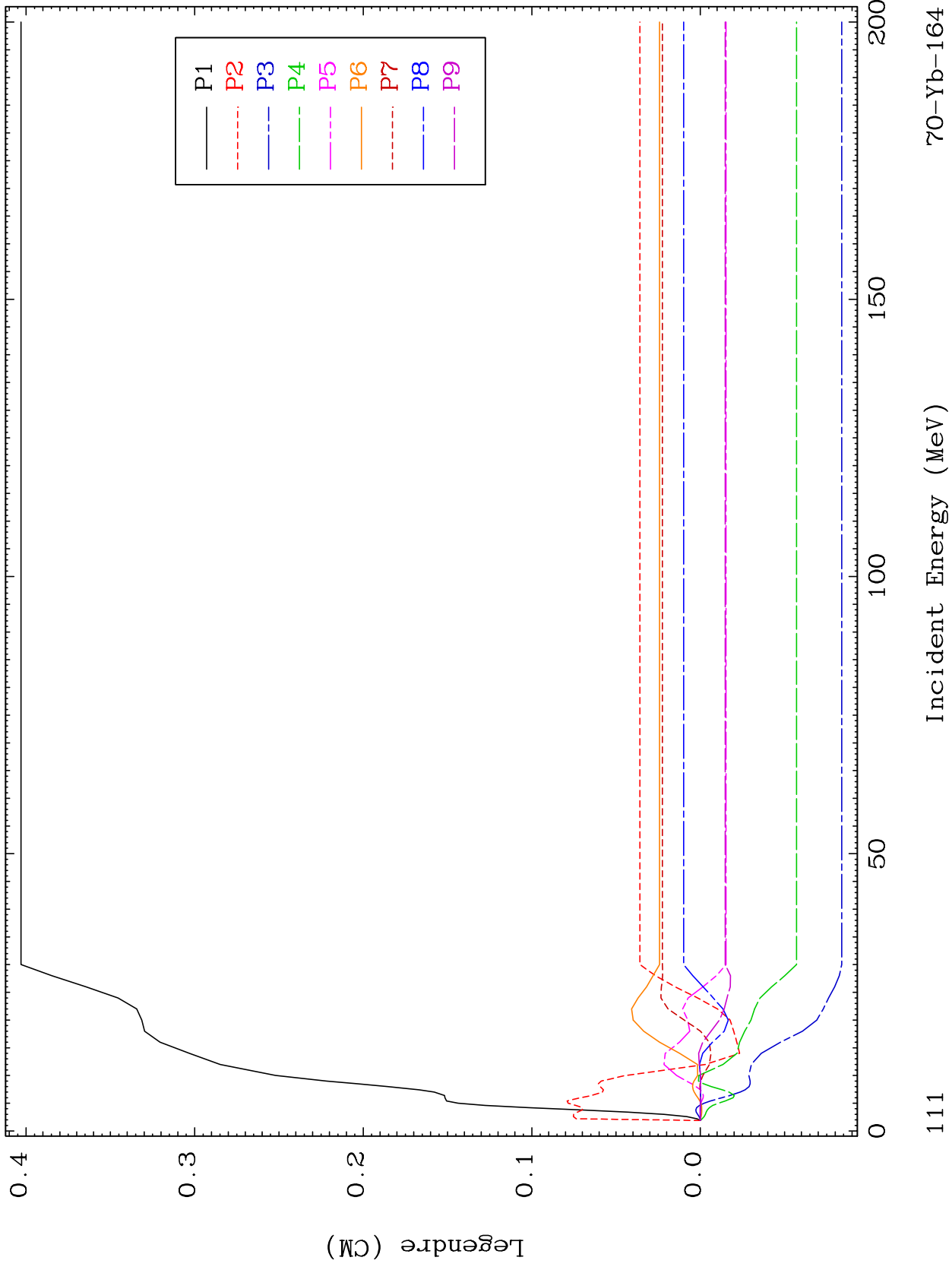
70-Yb-164



MAT 7013

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

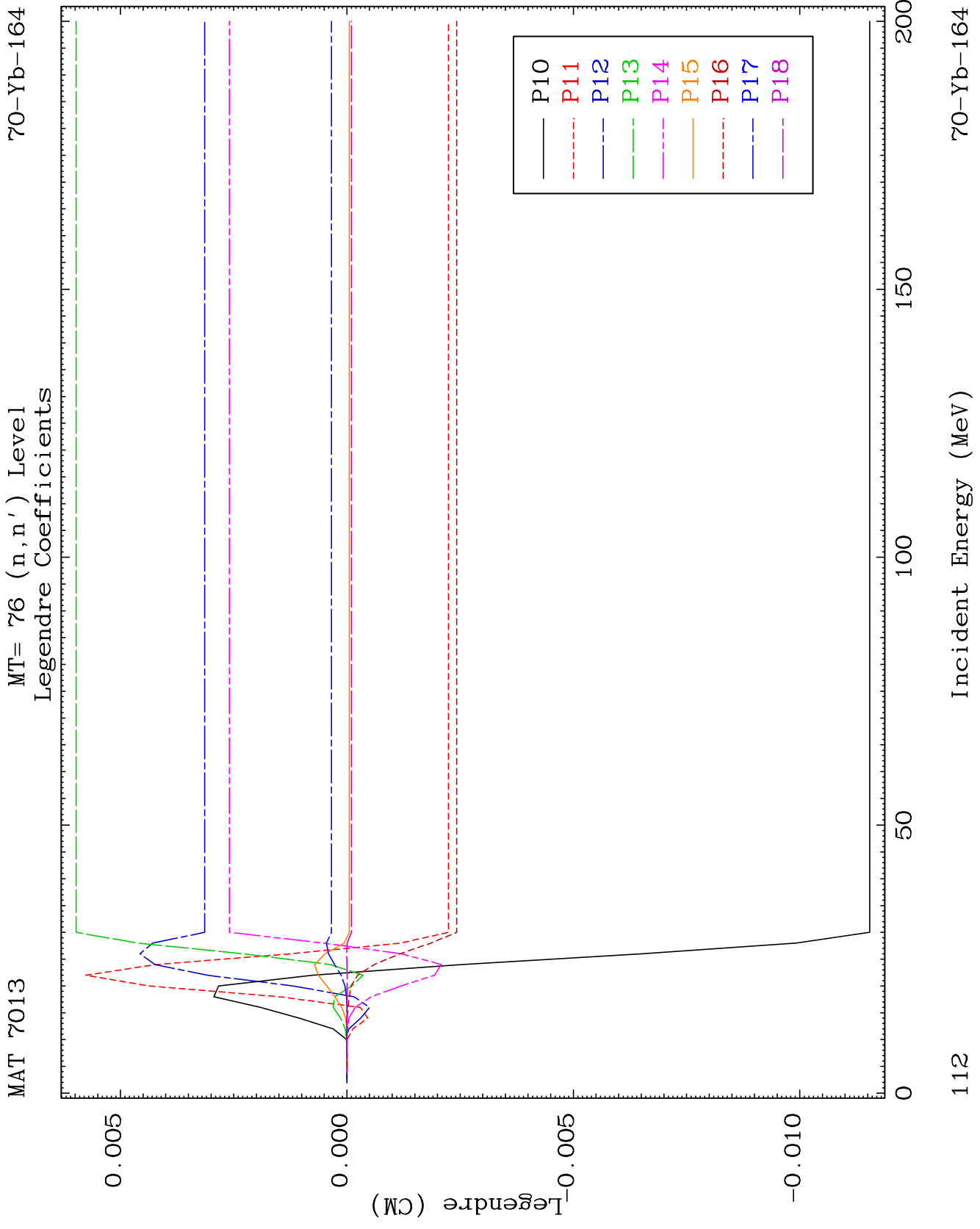
70-Yb-164



111

Incident Energy (MeV)

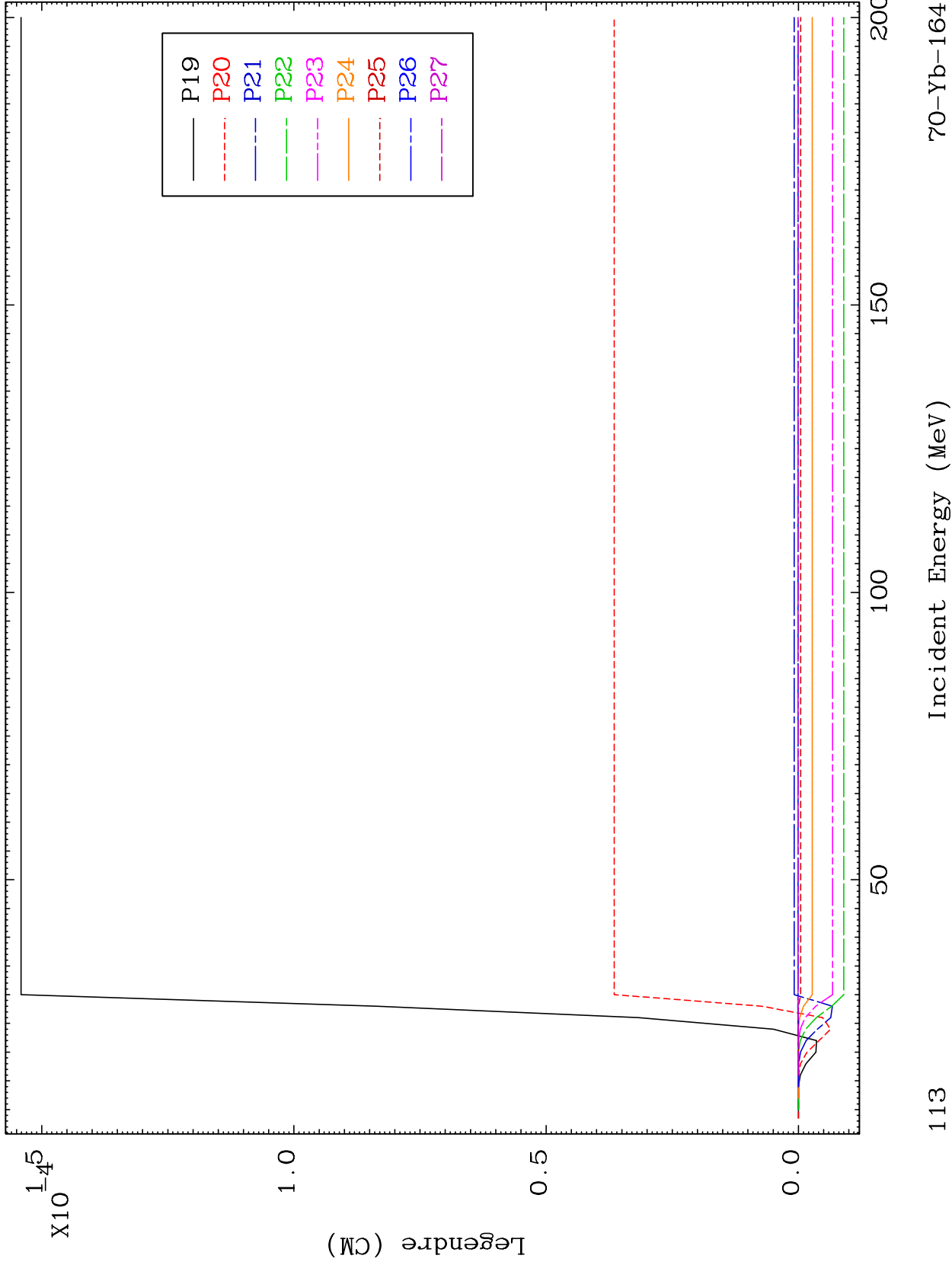
70-Yb-164



MAT 7013

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

70-Yb-164



113

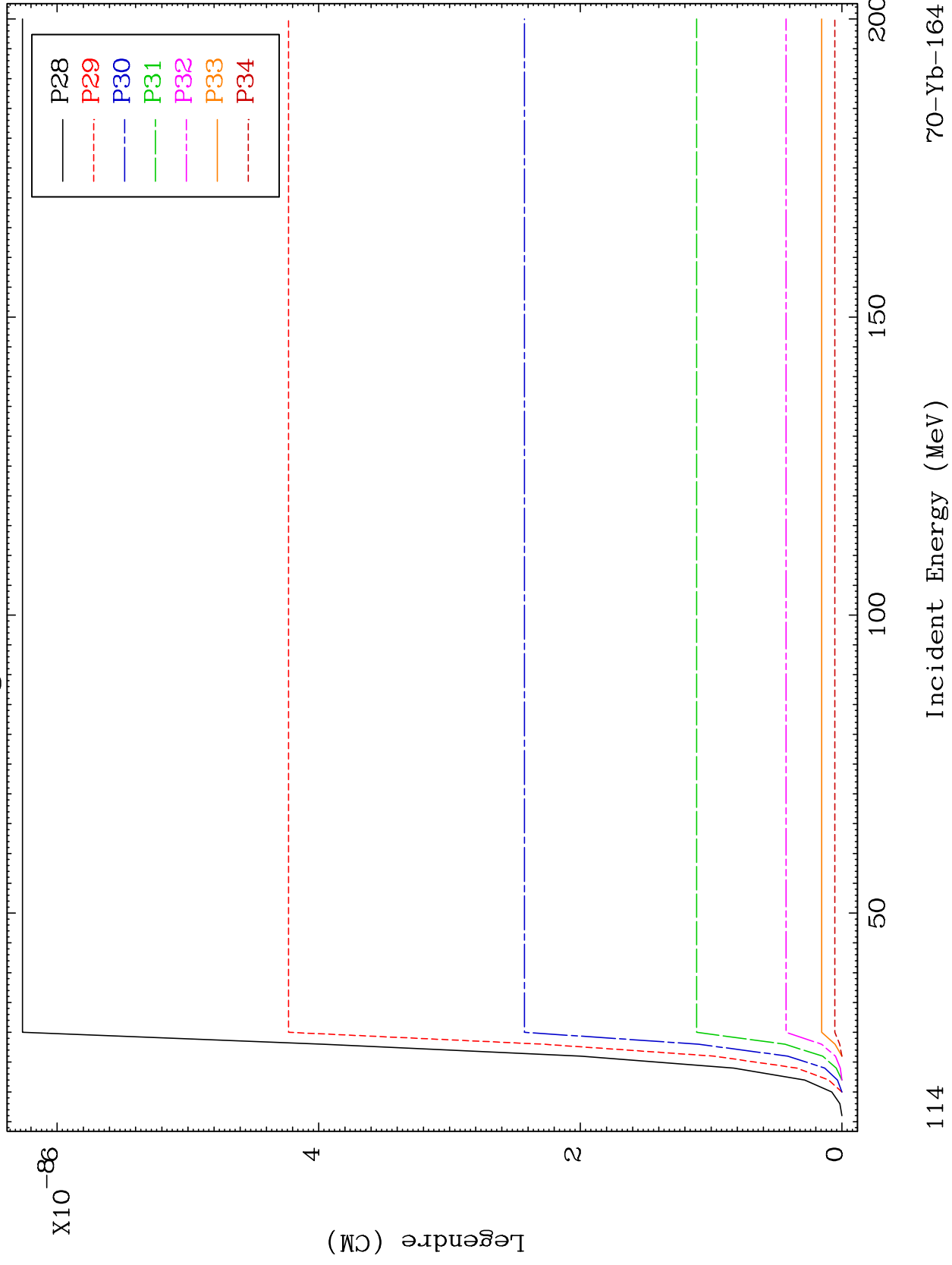
Incident Energy (MeV)

70-Yb-164

MAT 7013

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

70-Yb-164

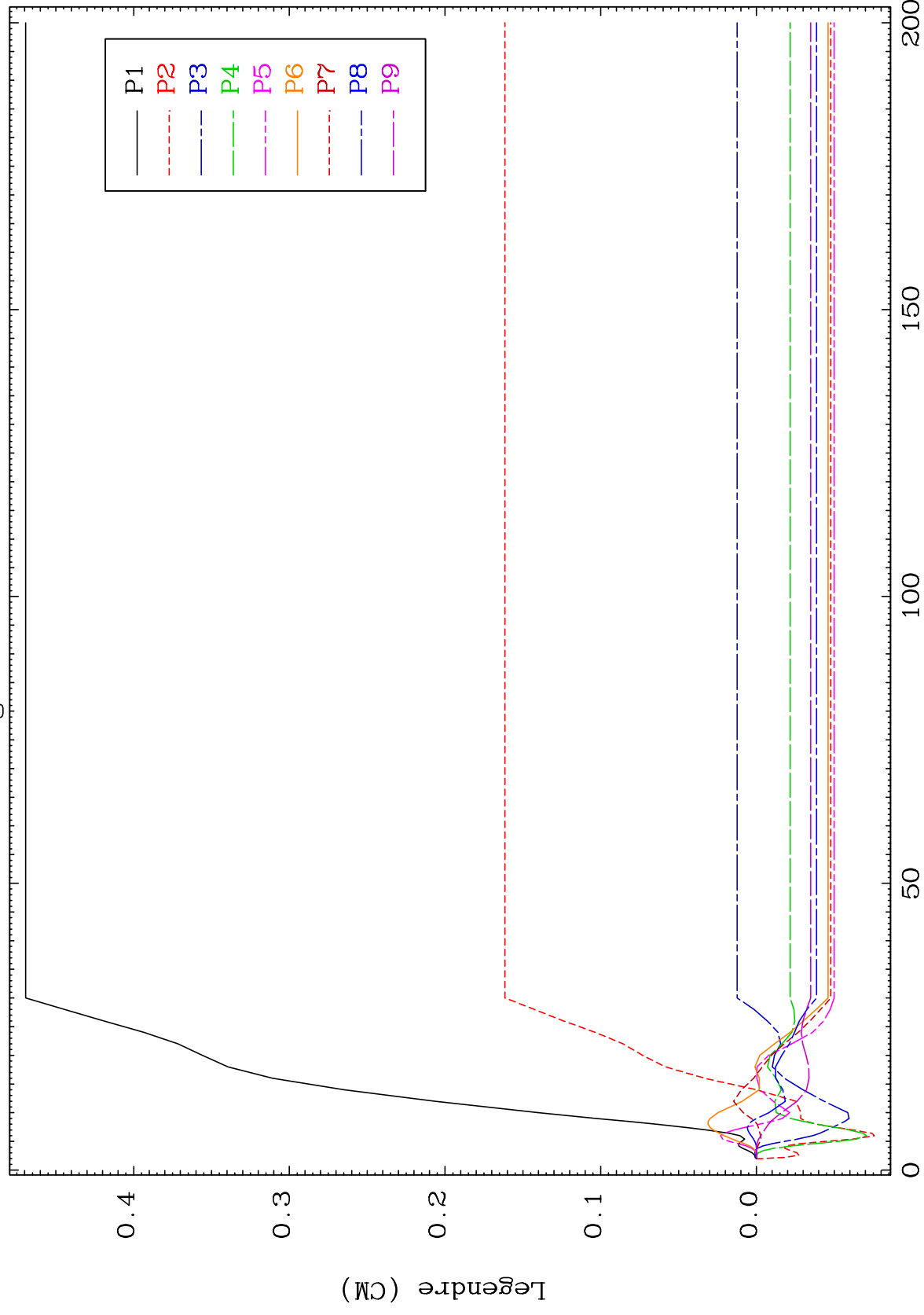


114

MAT 7013

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

70-Yb-164



70-Yb-164

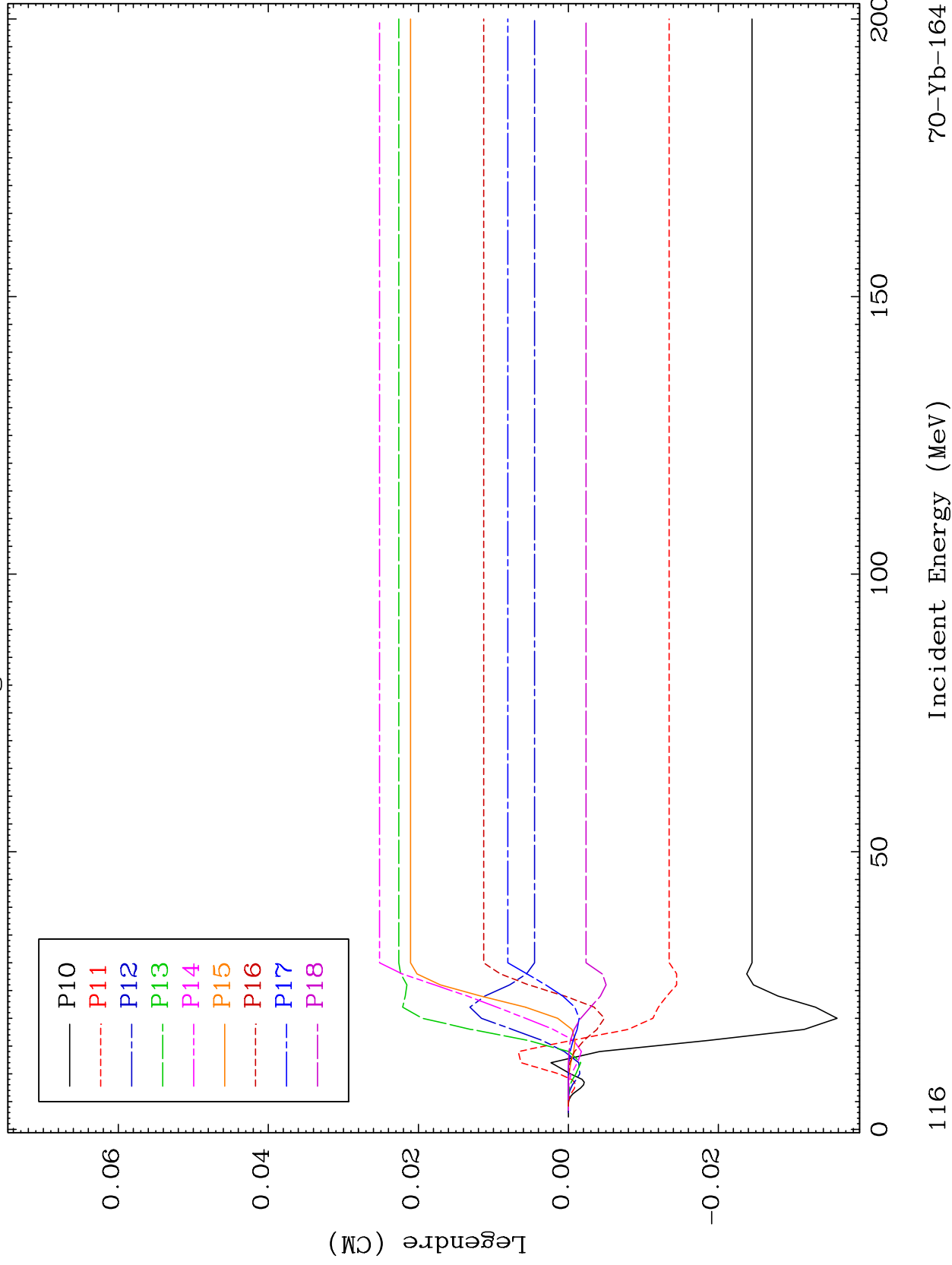
Incident Energy (MeV)

115

MAT 7013

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

70-Yb-164



116

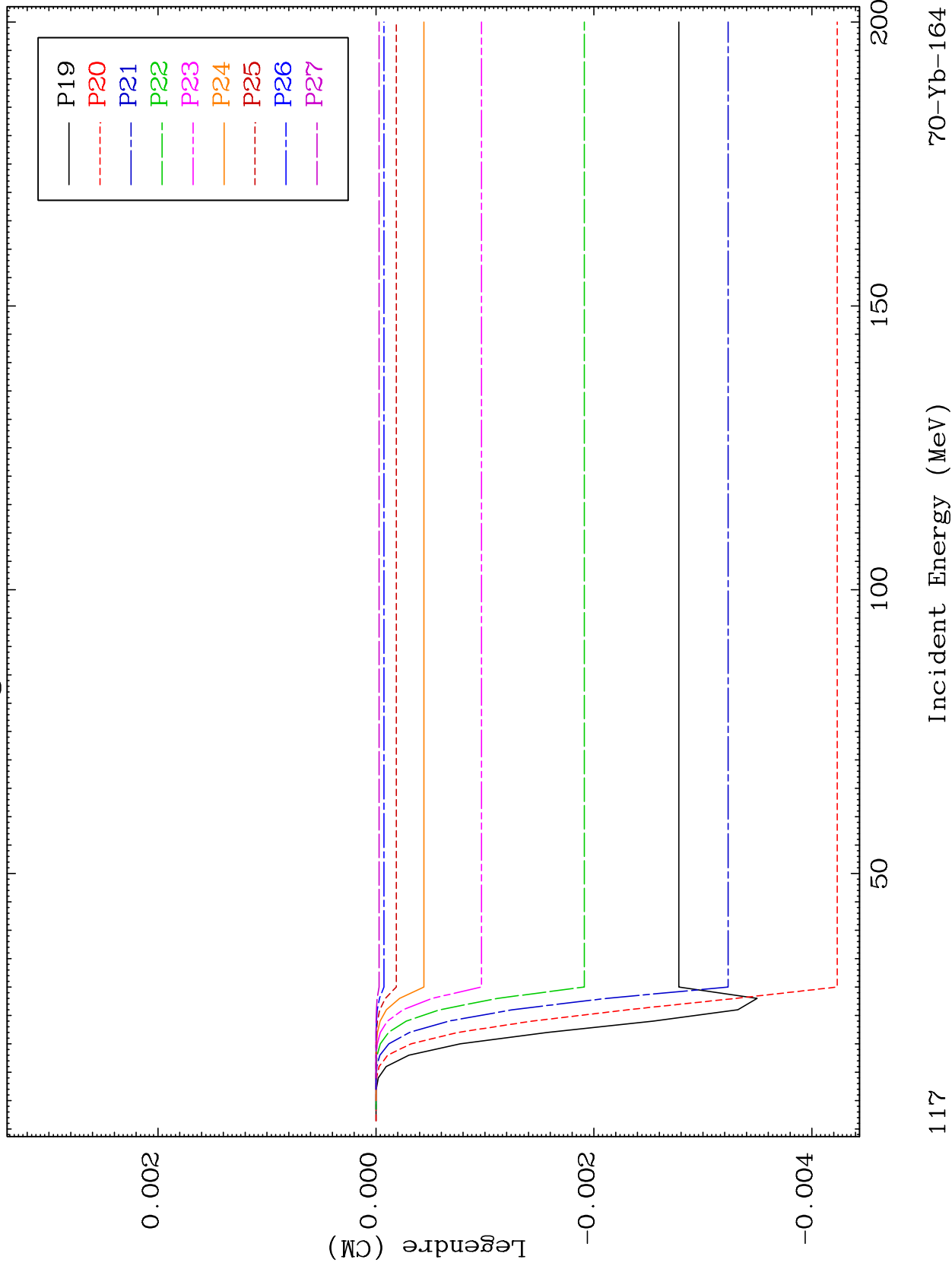
Incident Energy (MeV)

70-Yb-164

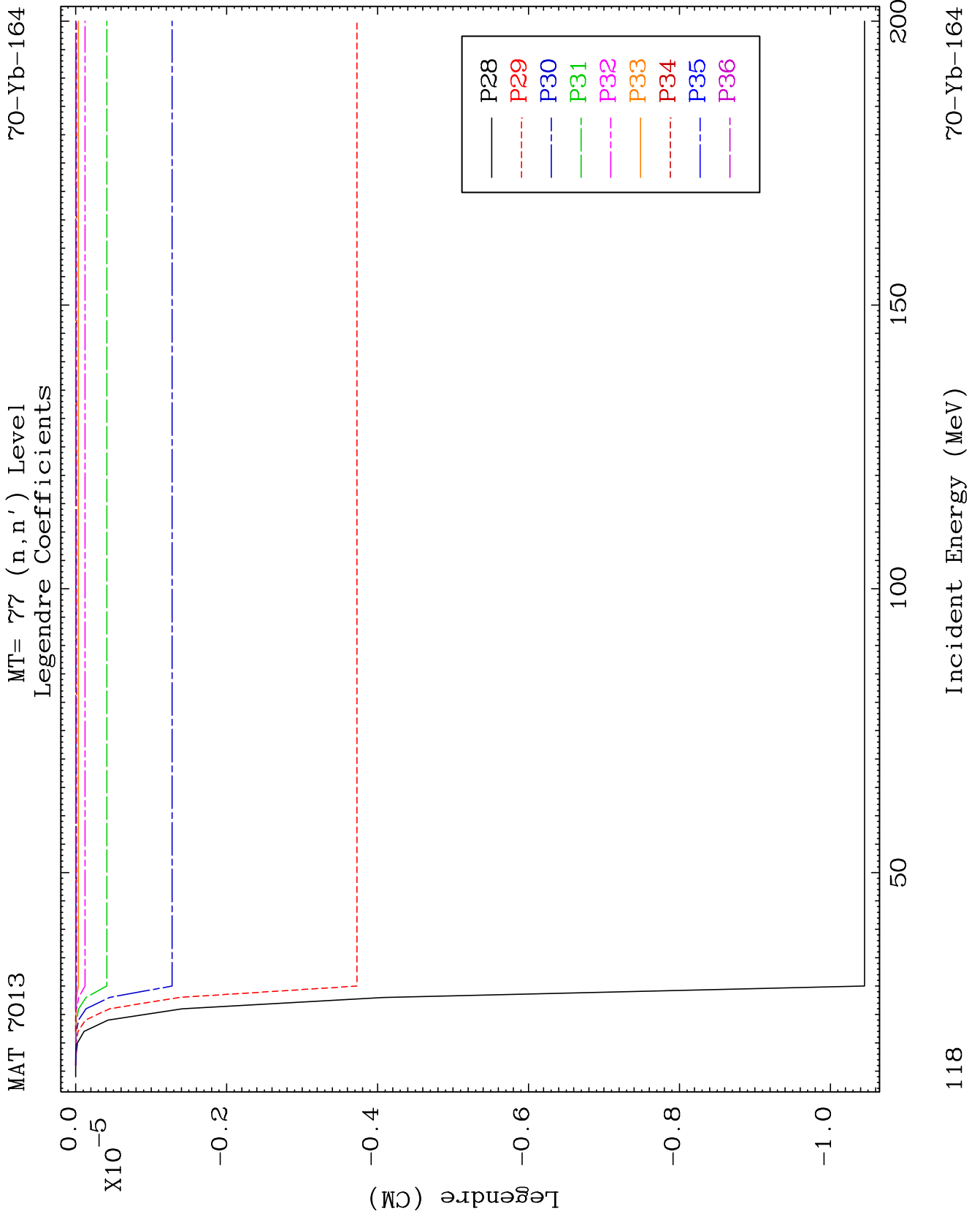
MAT 7013

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

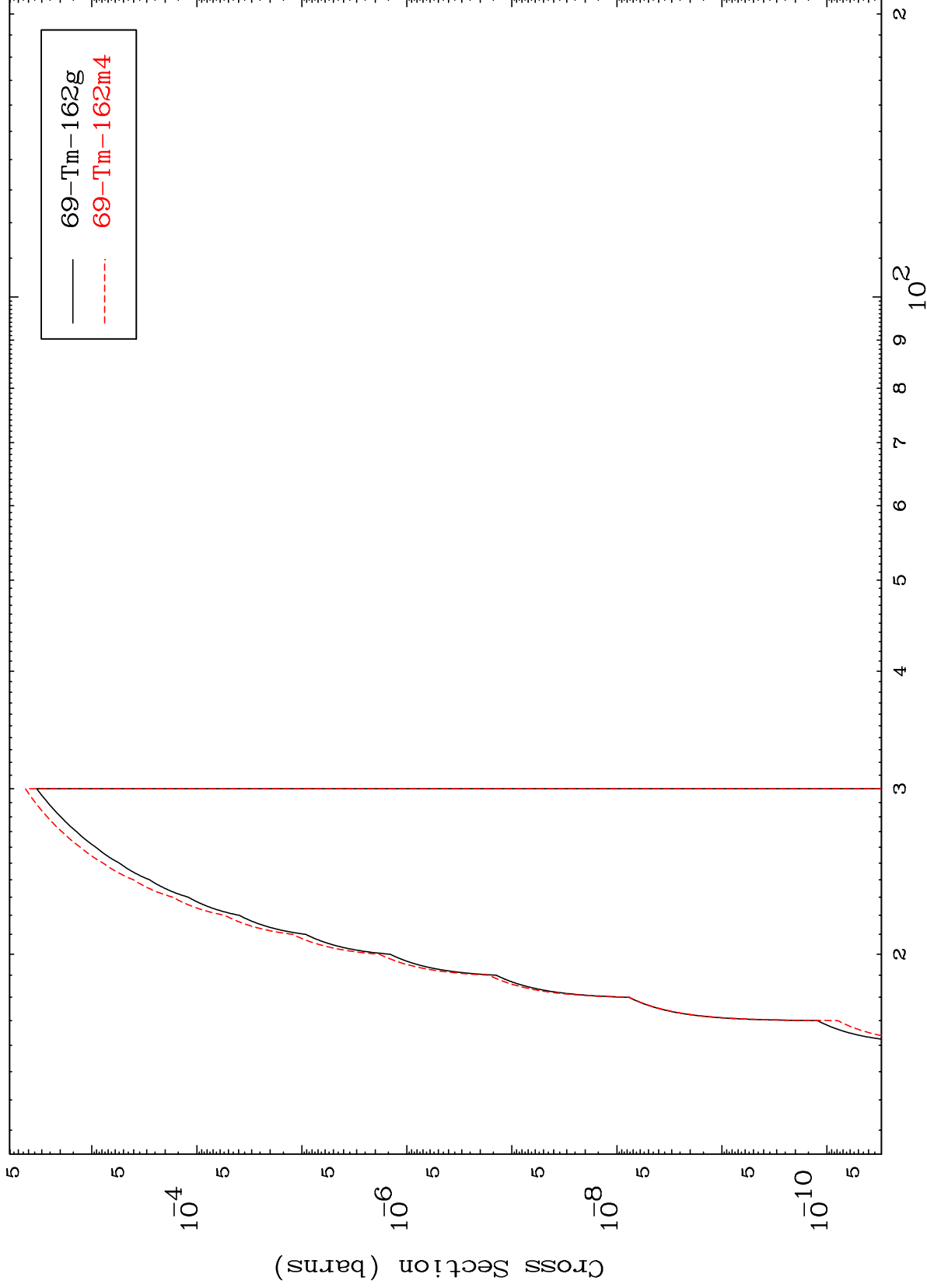
70-Yb-164



117



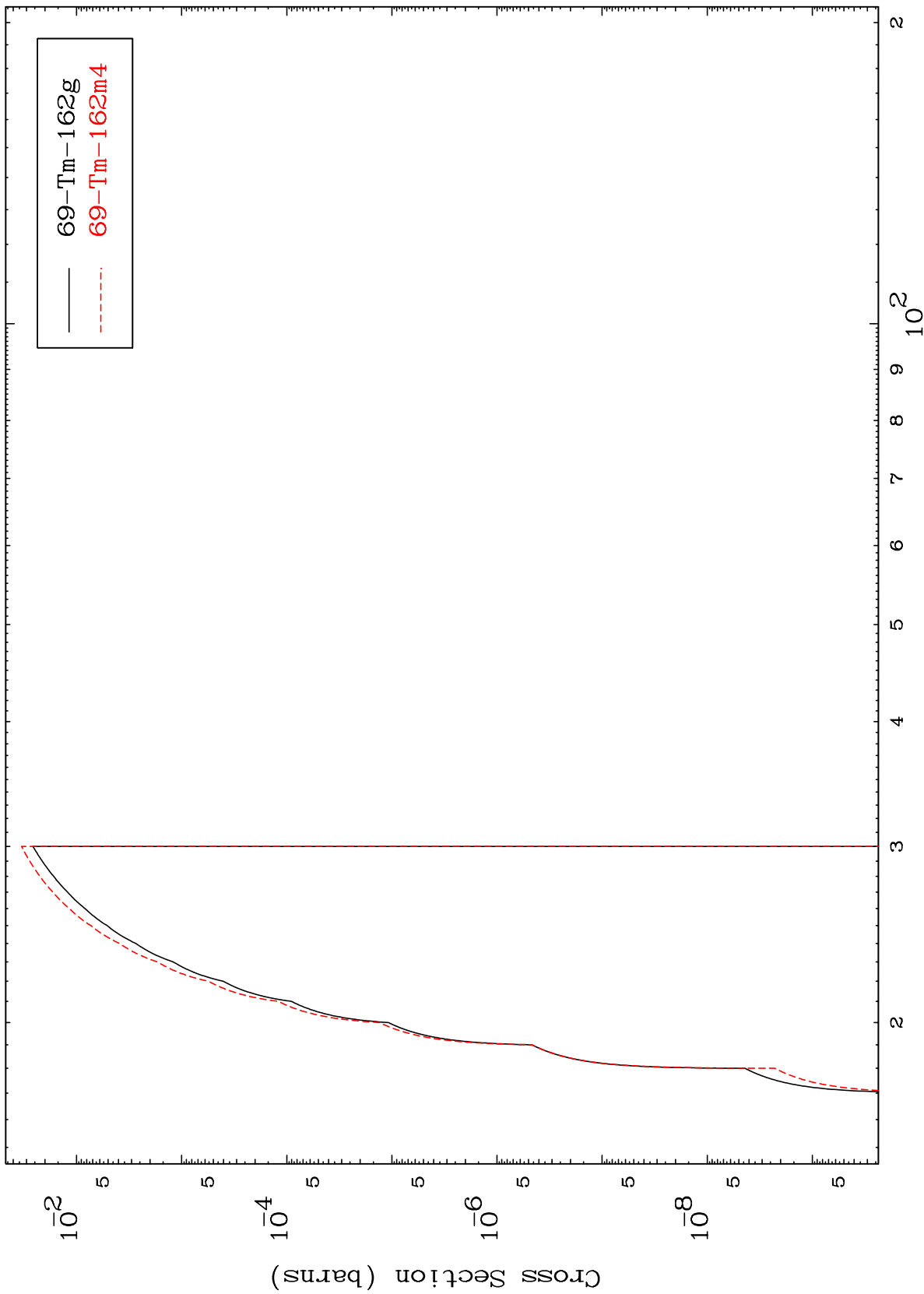
Radionuclide Production Cross Section



MAT 7013

70-Yb-164

(n,2n) p
Radionuclide Production Cross Section



120

Incident Energy (MeV)

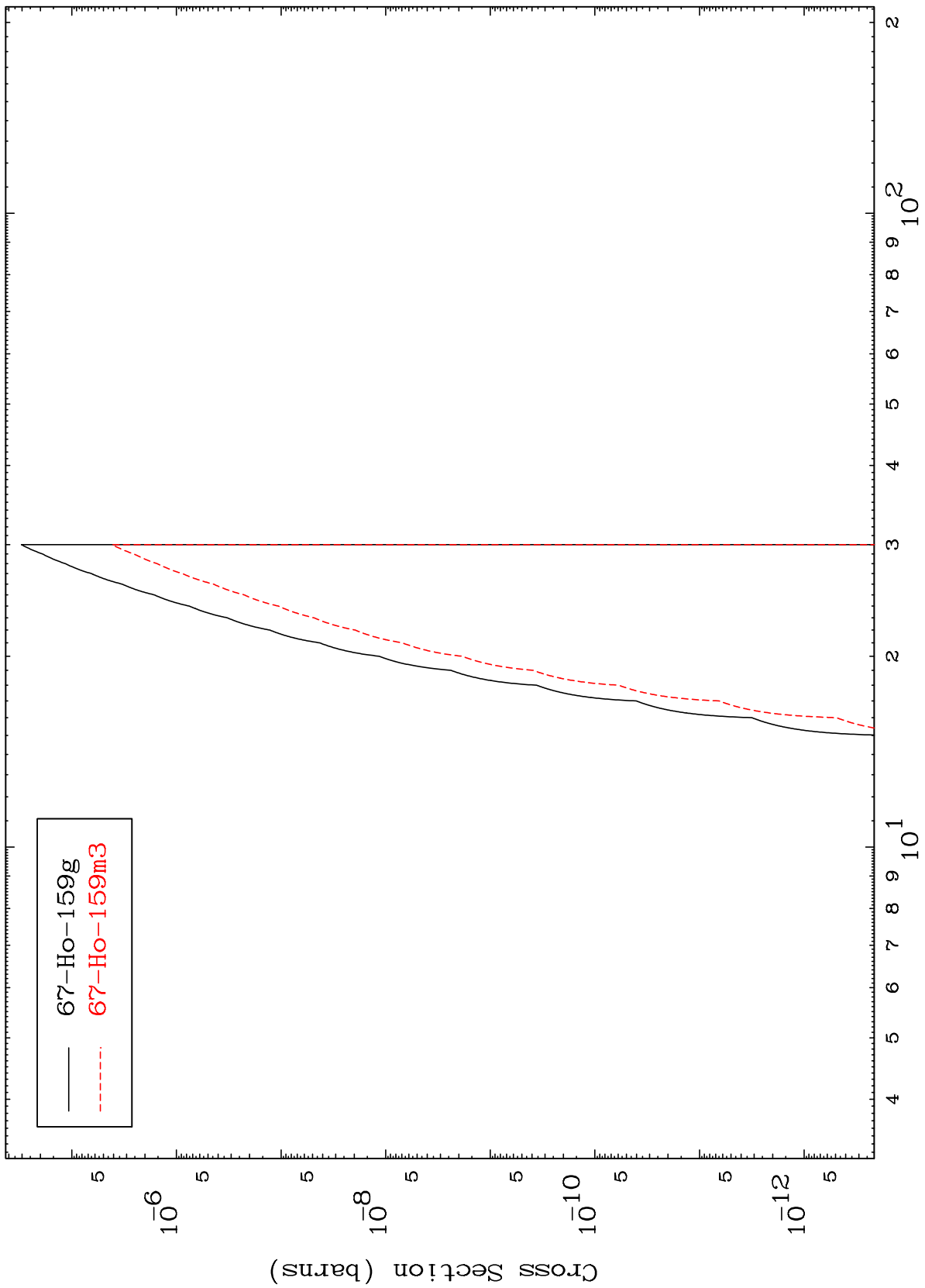
70-Yb-164

MAT 7013

(n,n') p α

70-Yb-164

Radionuclide Production Cross Section



121

Incident Energy (MeV)

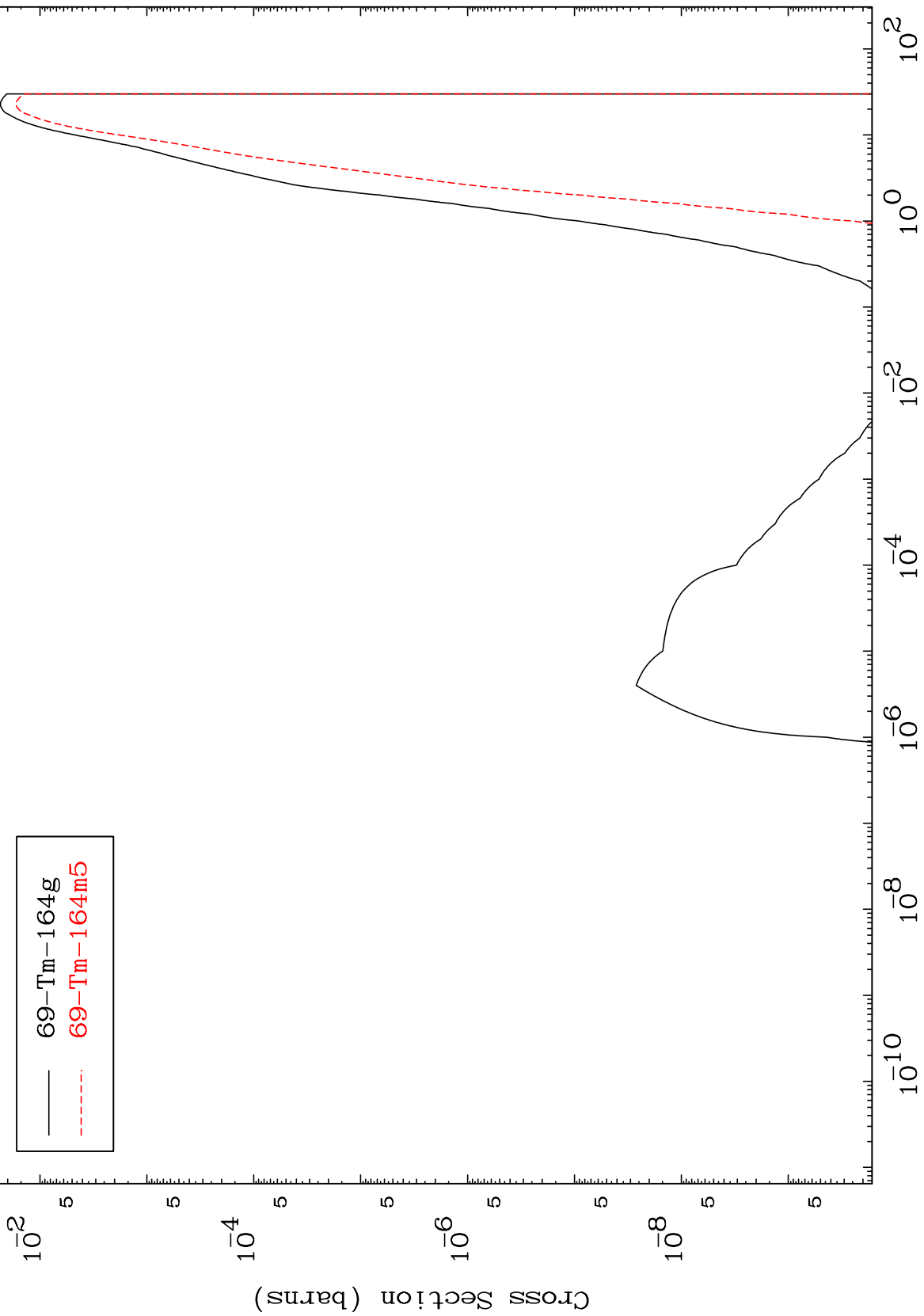
70-Yb-164

MAT 7013

(n,p)

70-Yb-164

Radionuclide Production Cross Section

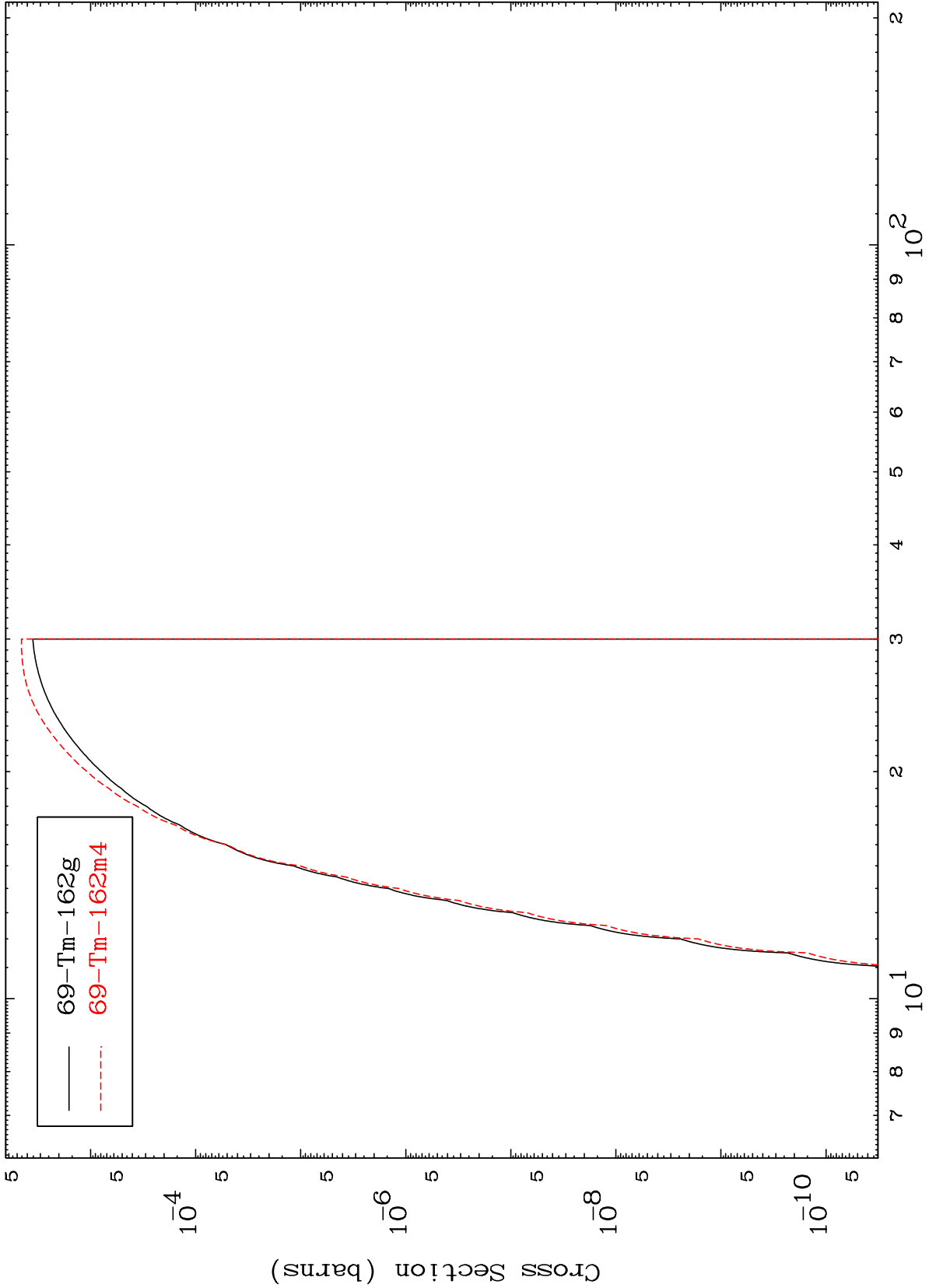


69-Tm-164g
69-Tm-164m5

MAT 7013

70-Yb-164

(n,t)
Radionuclide Production Cross Section



123

Incident Energy (MeV)

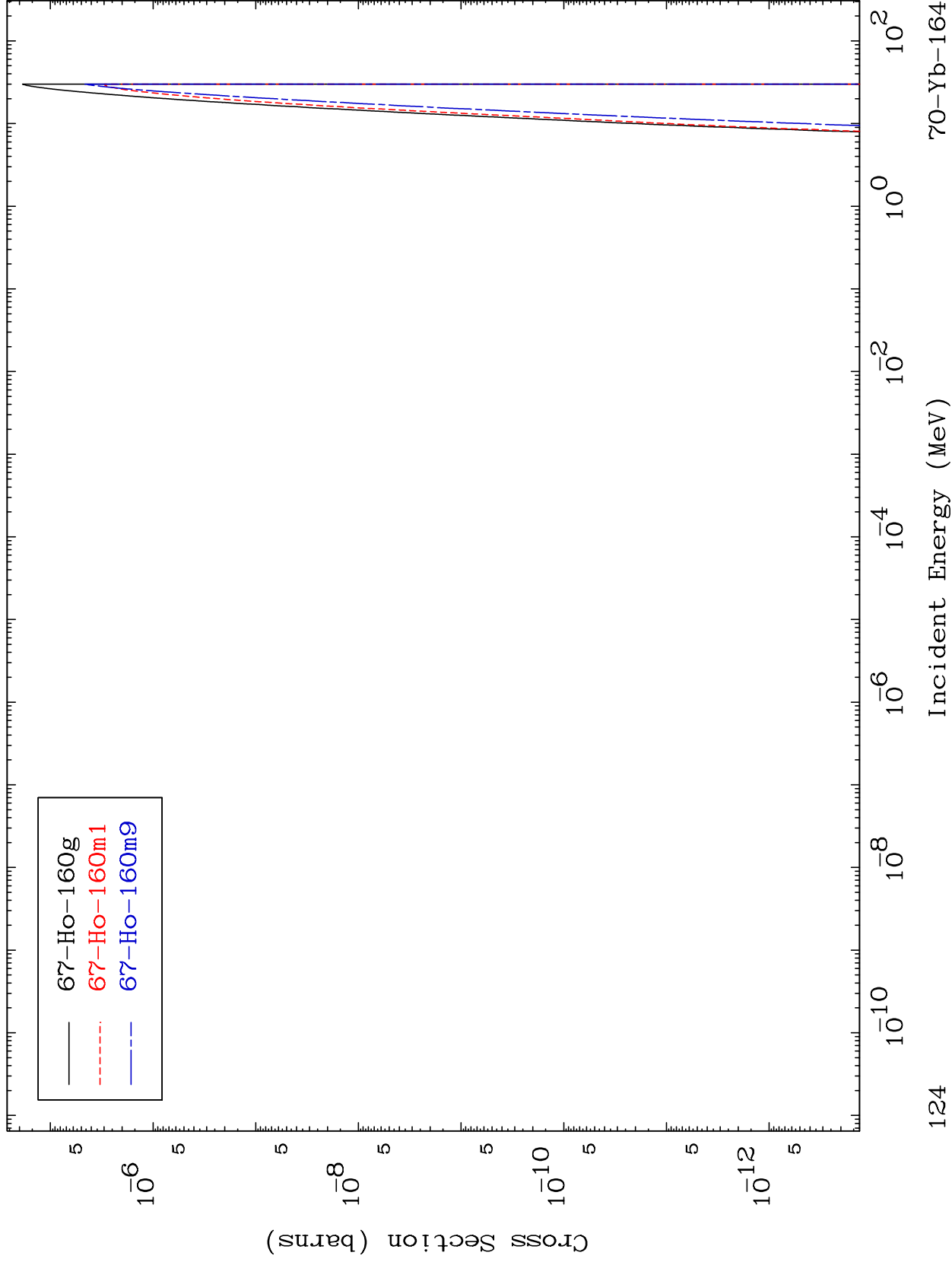
70-Yb-164

MAT 7013

(n,p) α

70-Yb-164

Radionuclide Production Cross Section



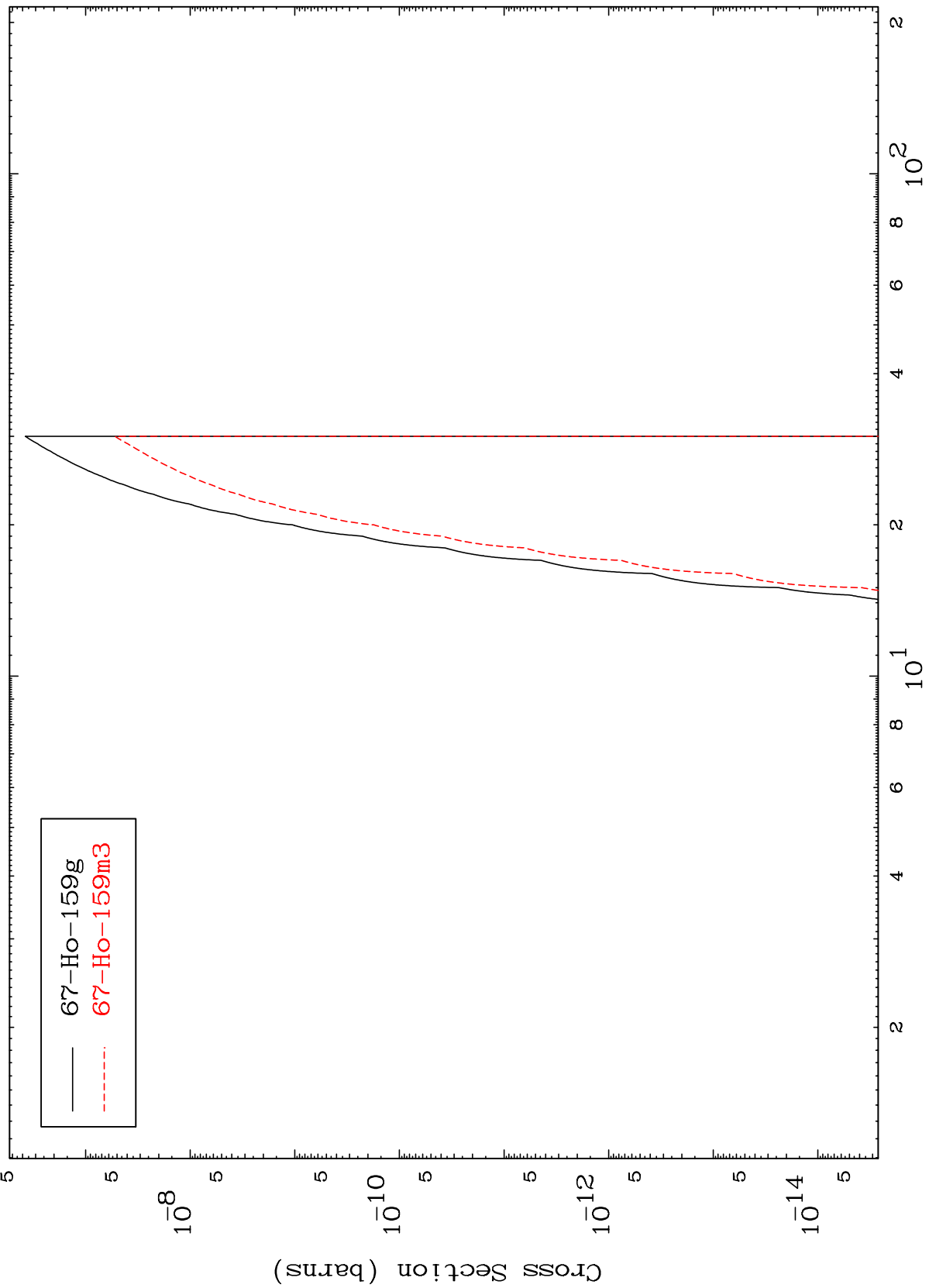
124

MAT 7013

(n,d) α

70-Yb-164

Radionuclide Production Cross Section



125

Incident Energy (MeV)

70-Yb-164