

Program EVALPLOT
(Version 2021-1)

by

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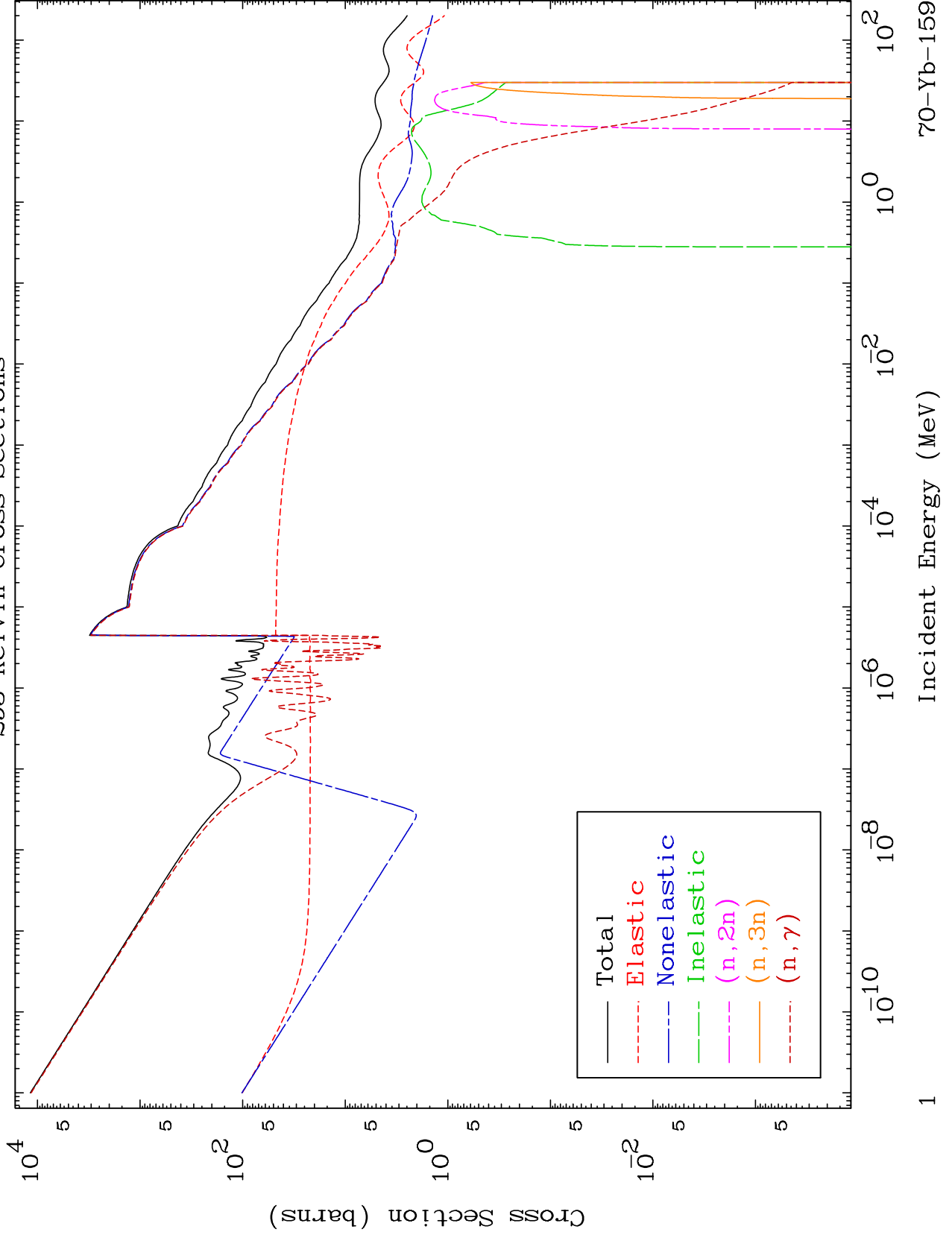
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Press Mouse Button to Start

MAT 6998

Neutron Major
293 Kelvin Cross Sections

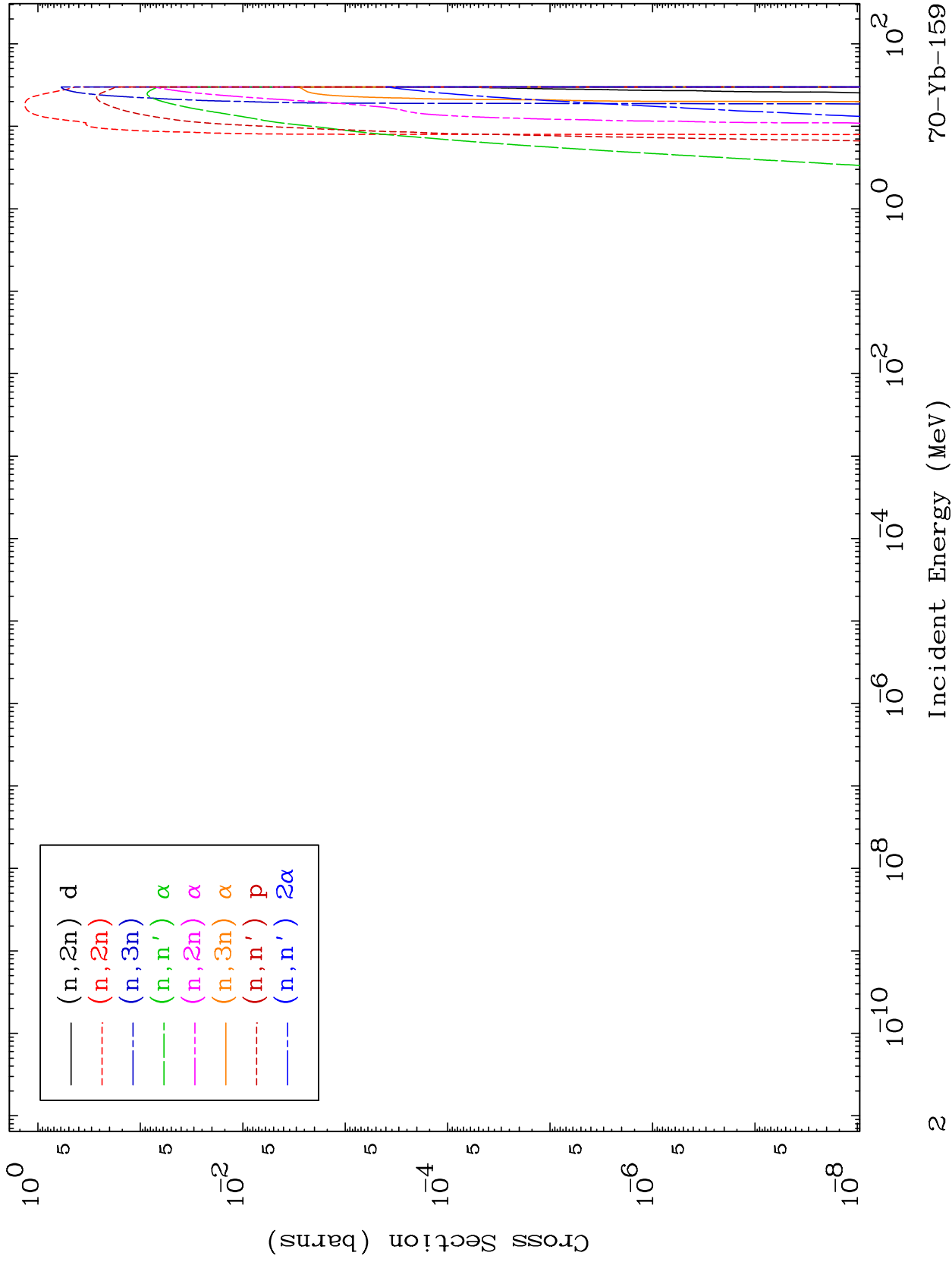
70-Yb-159



MAT 6998

Neutron Absorption
293 Kelvin Cross Sections

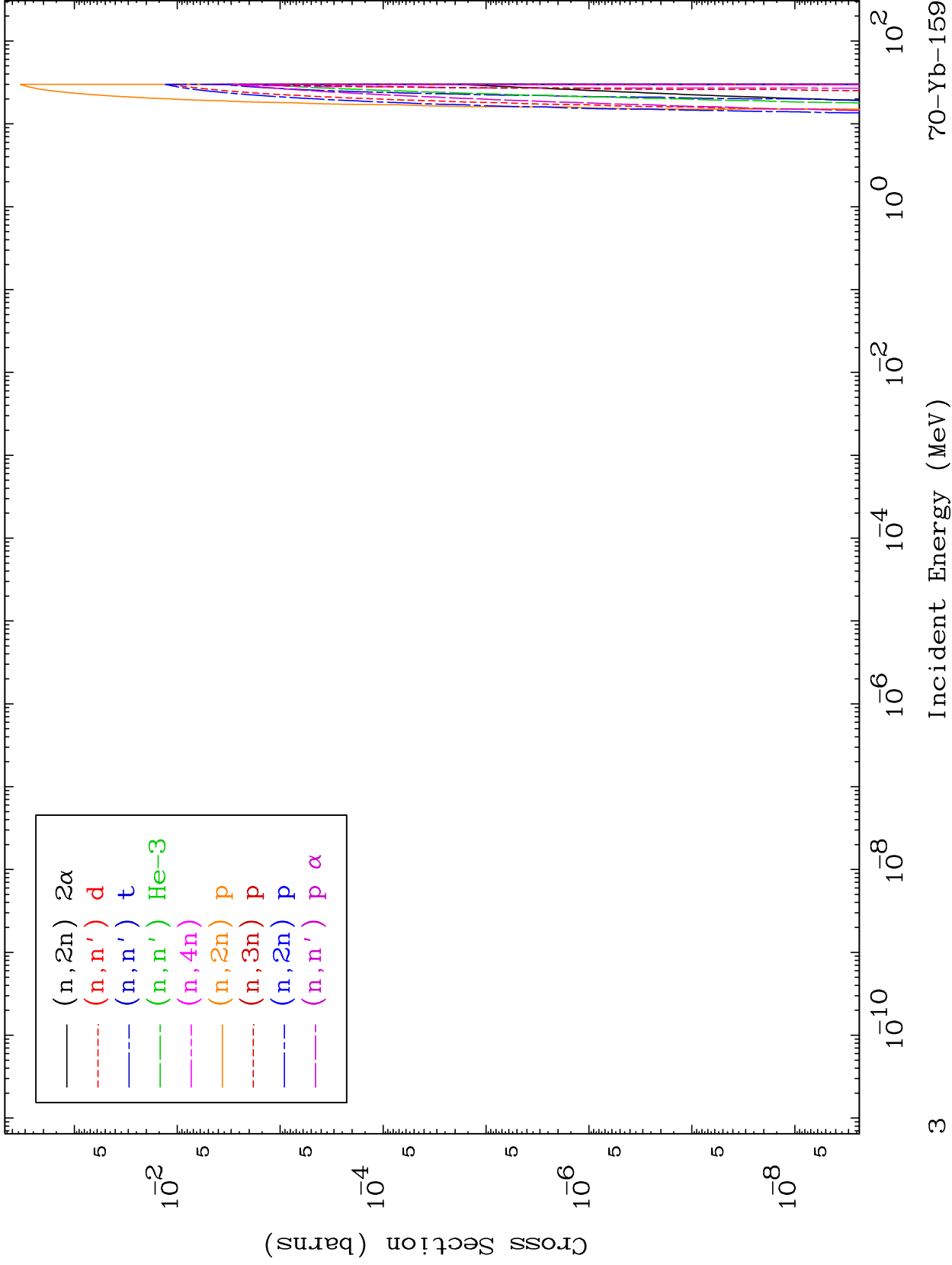
70-Yb-159



MAT 6998

Neutron Absorption
293 Kelvin Cross Sections

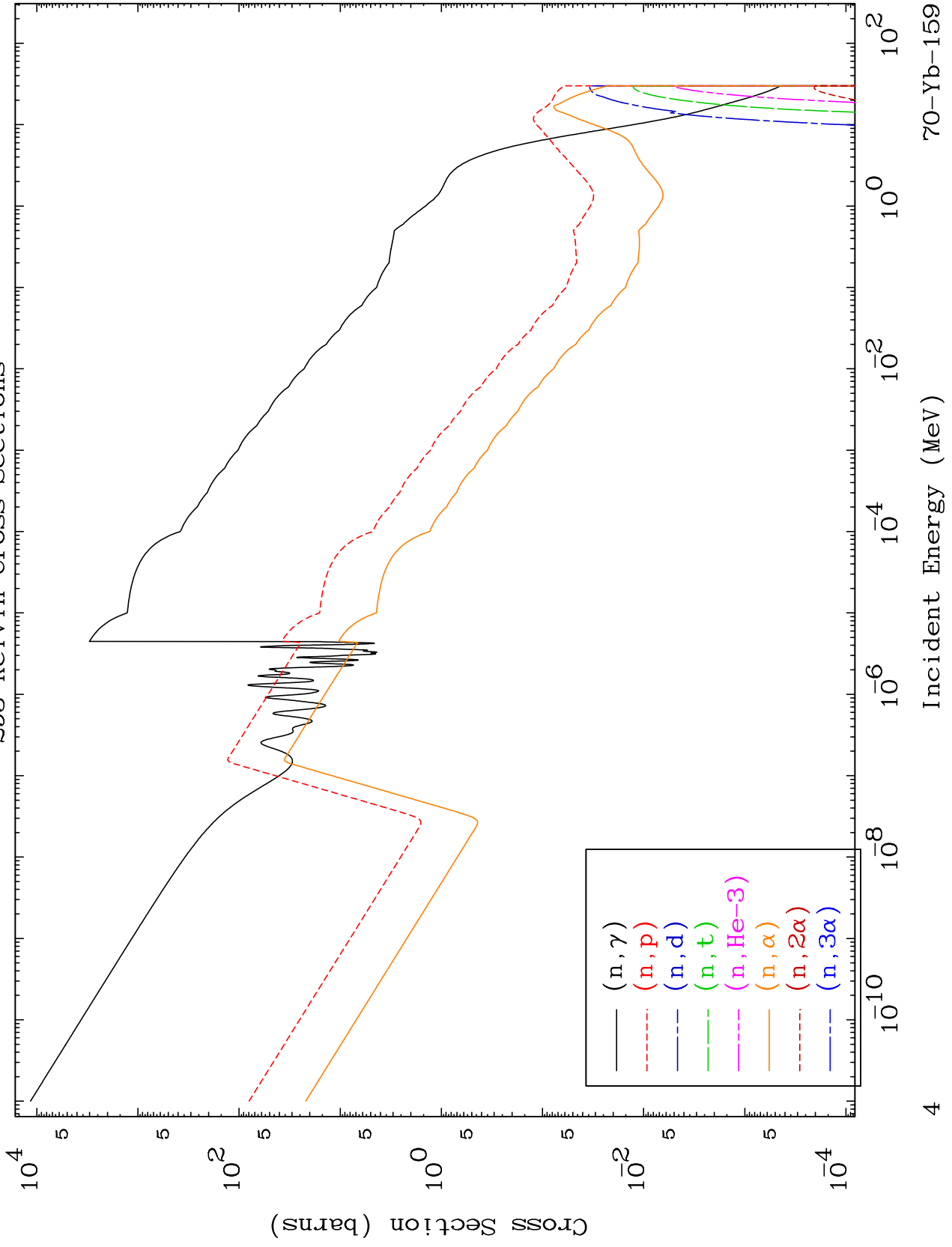
70-Yb-159



MAT 6998

Neutron Absorption
293 Kelvin Cross Sections

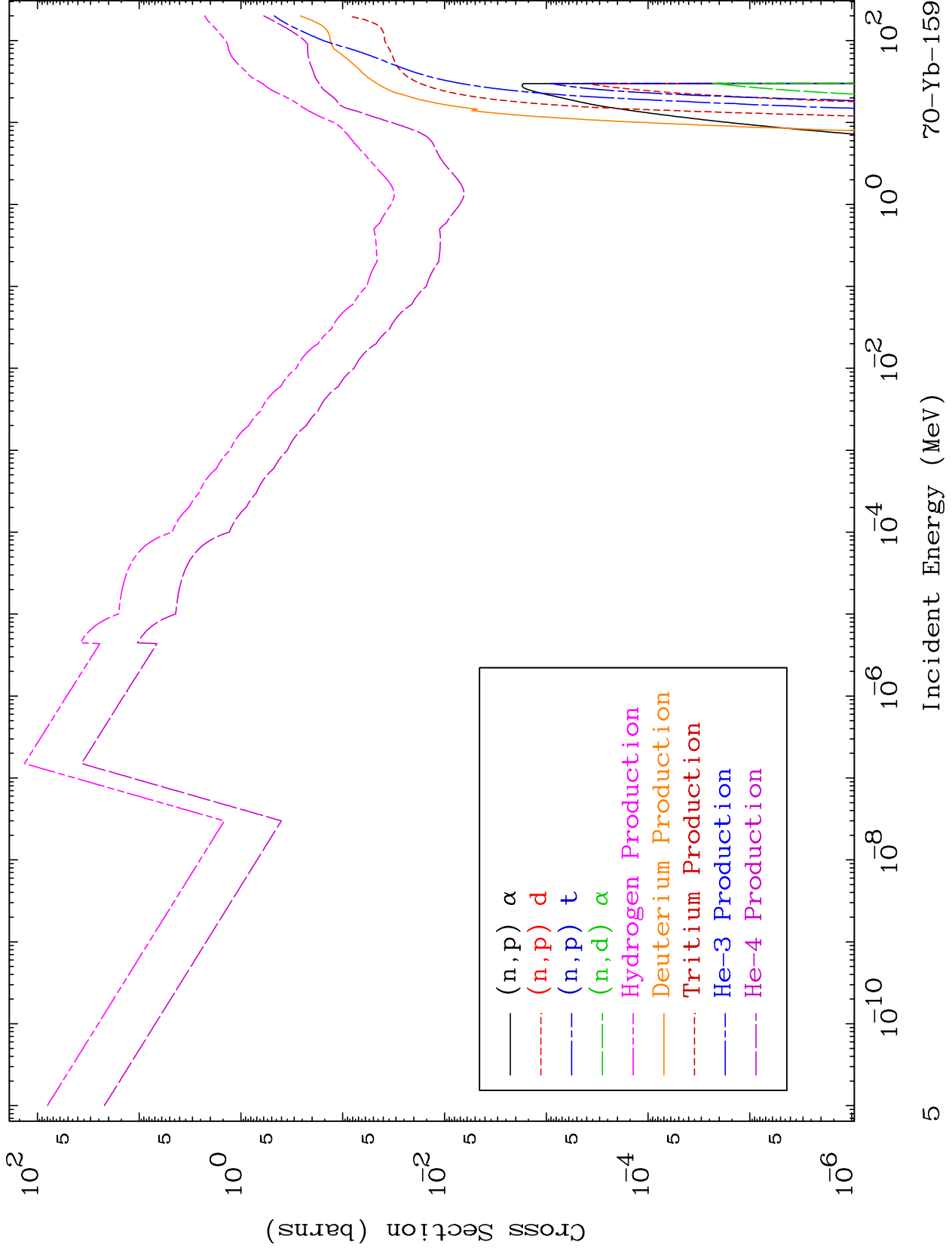
70-Yb-159



MAT 6998

Neutron Absorption
293 Kelvin Cross Sections

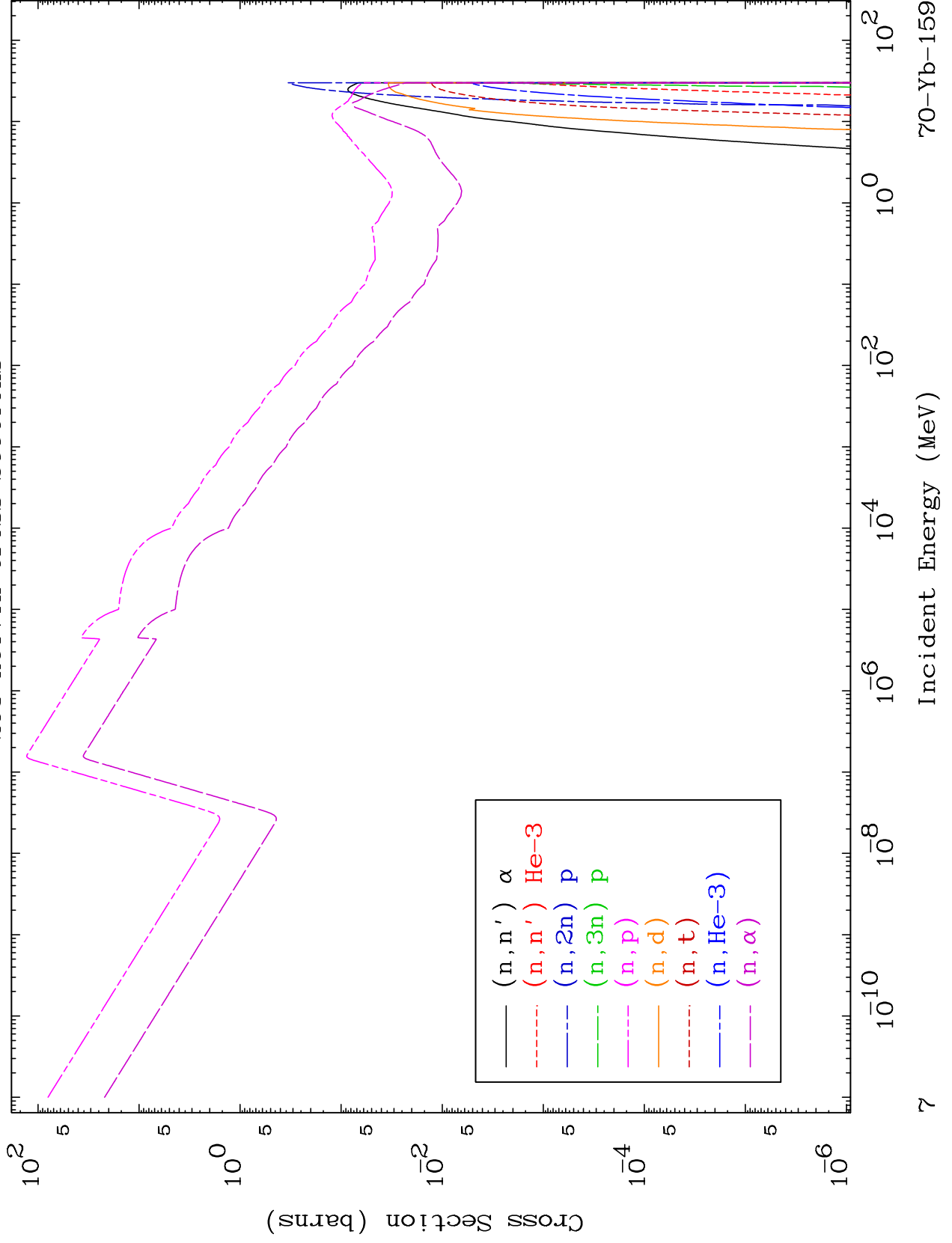
70-Yb-159



MAT 6998

Charged Particle
293 Kelvin Cross Sections

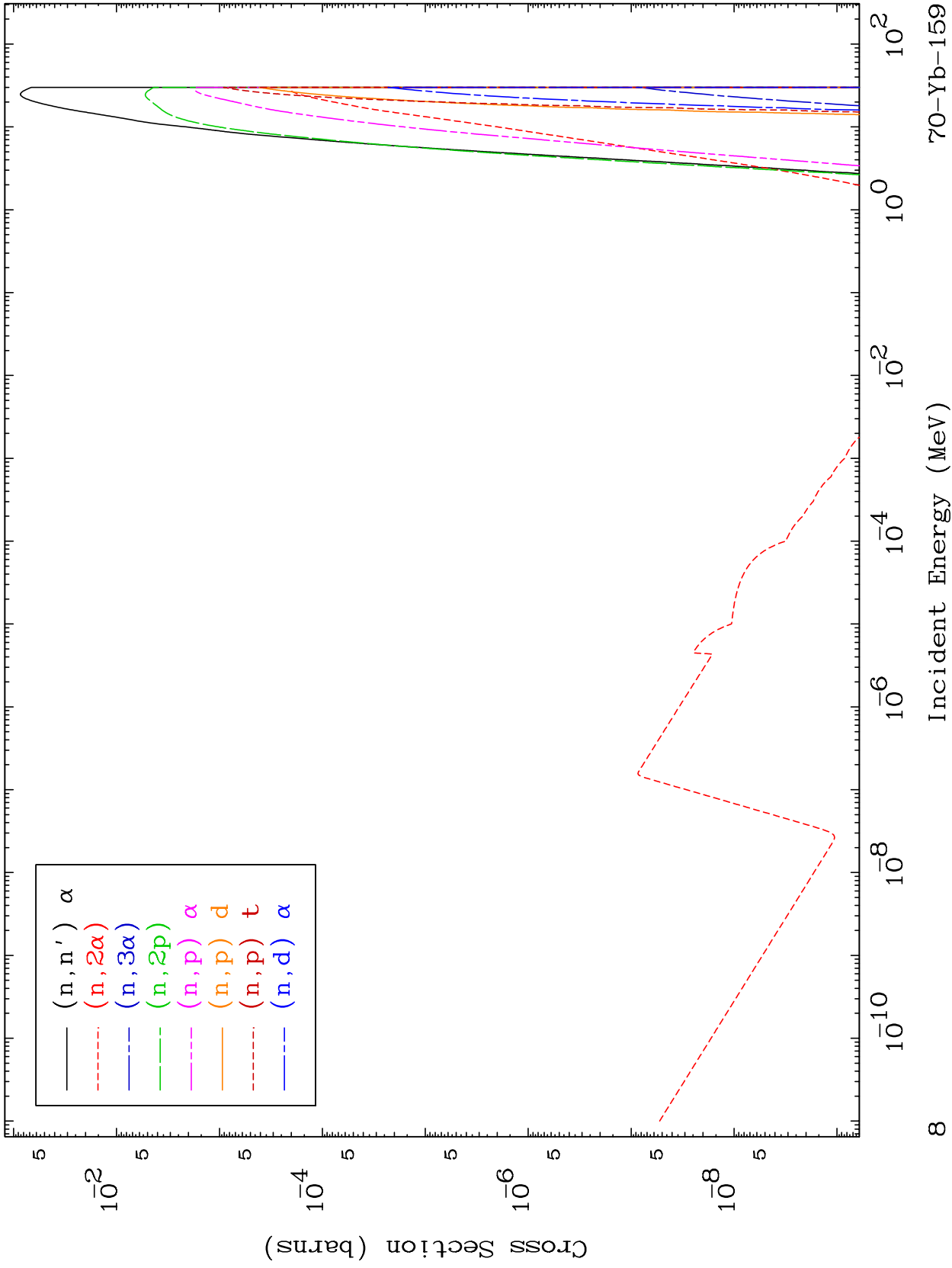
70-Yb-159



MAT 6998

Charged Particle
293 Kelvin Cross Sections

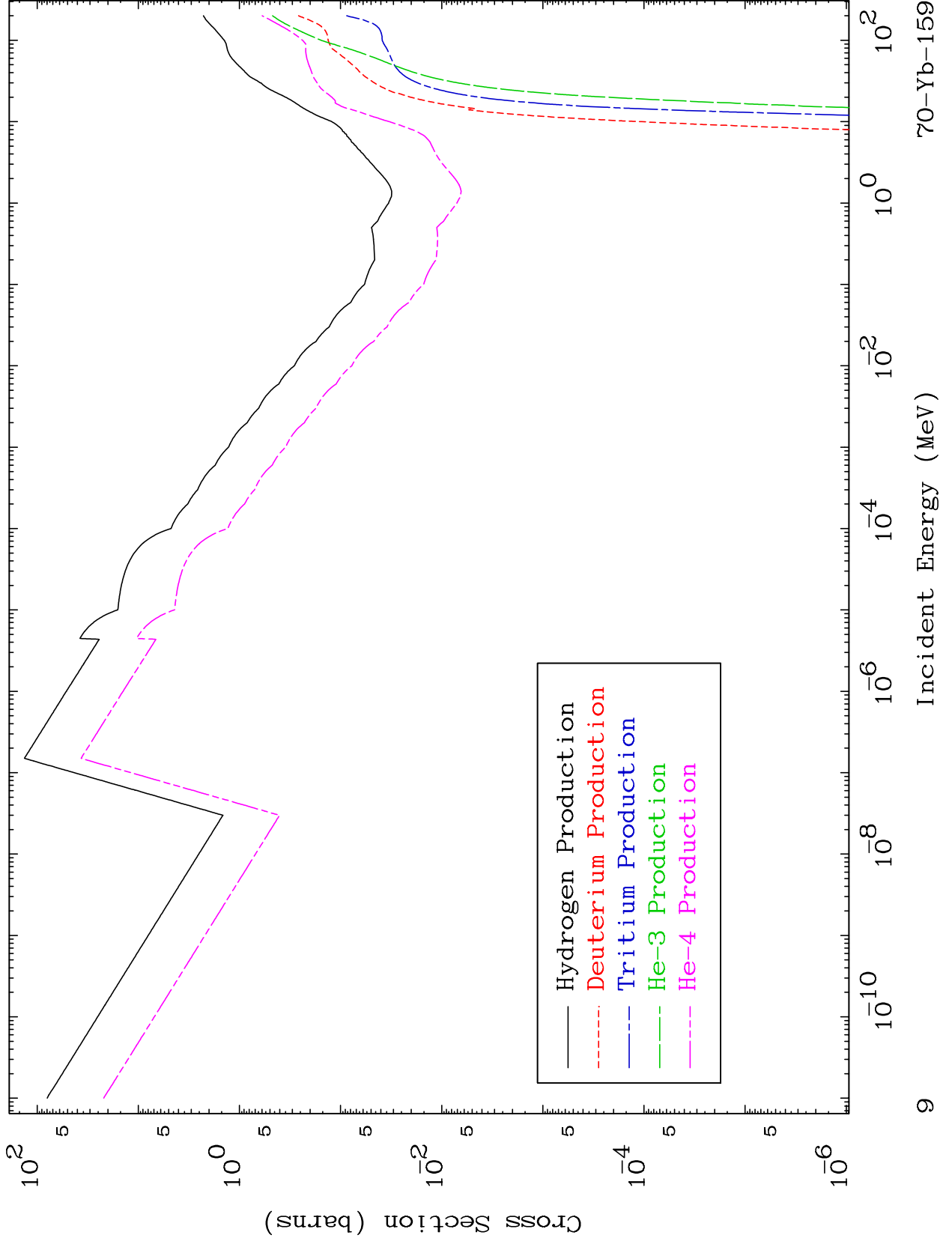
70-Yb-159



MAT 6998

Particle Production
293 Kelvin Cross Sections

70-Yb-159

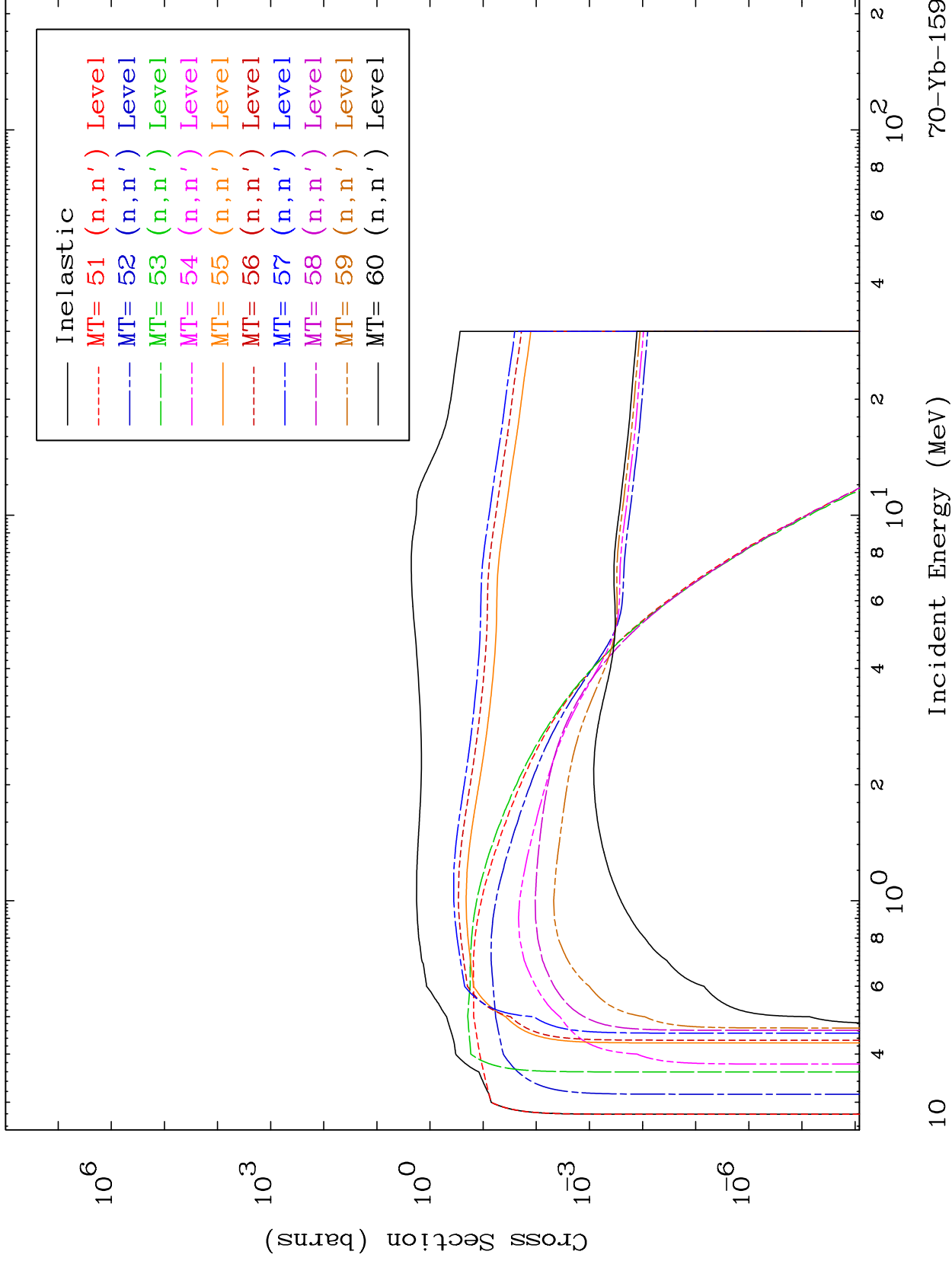


MAT 6998

(n,n') Levels

70-Yb-159

293 Kelvin Cross Sections

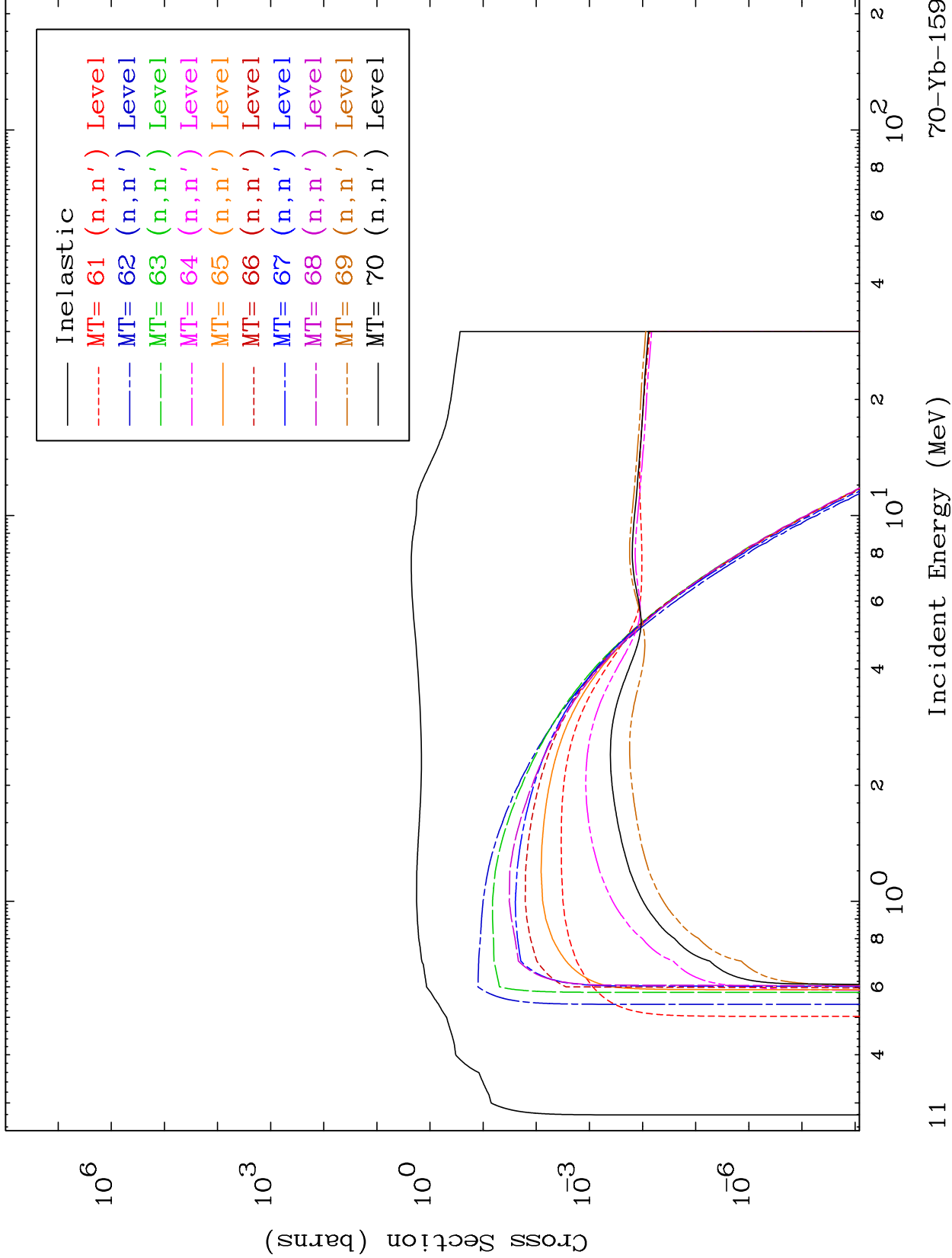


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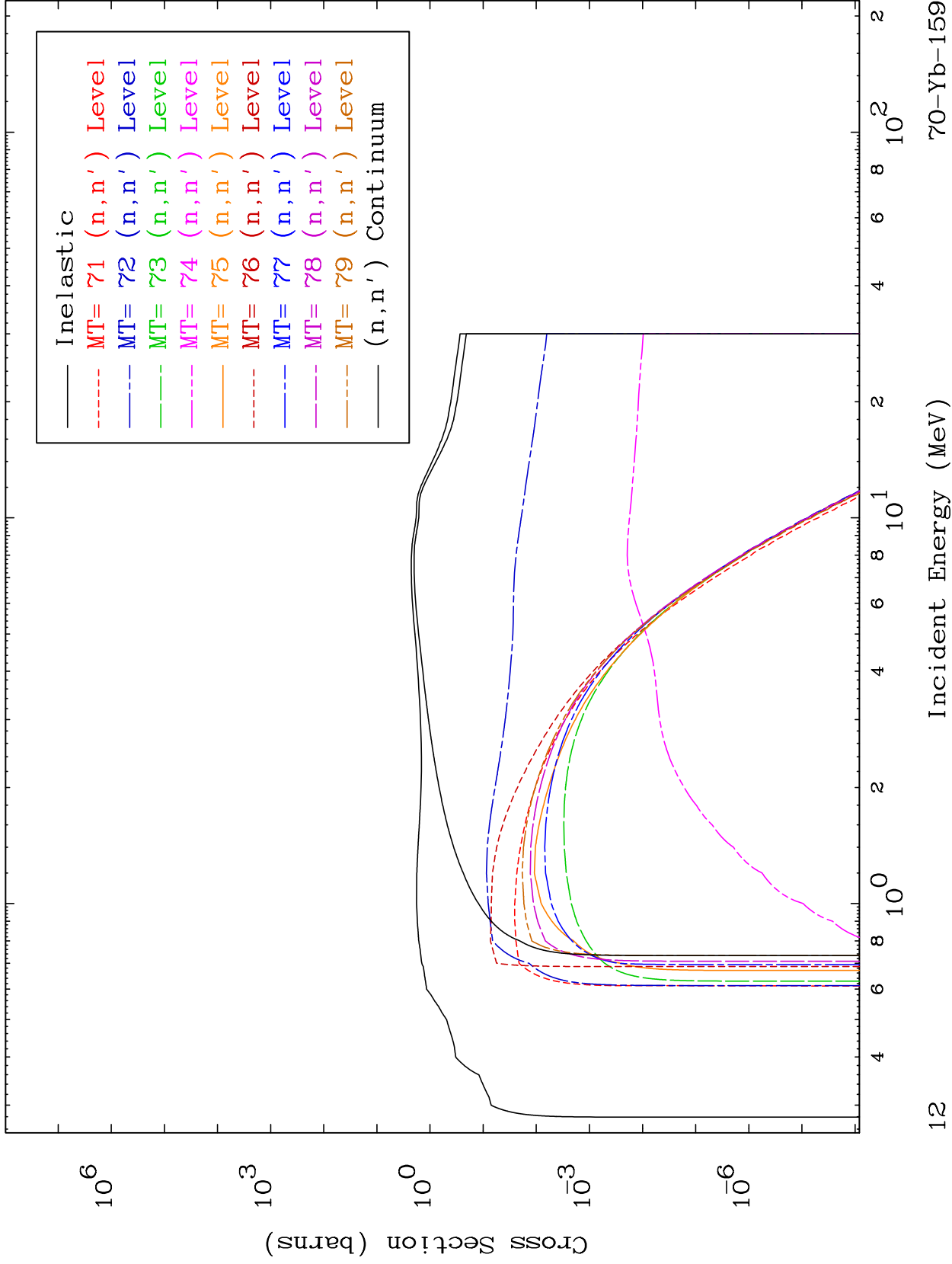
Incident Energy (MeV)

70-Yb-159

293 Kelvin Cross Sections



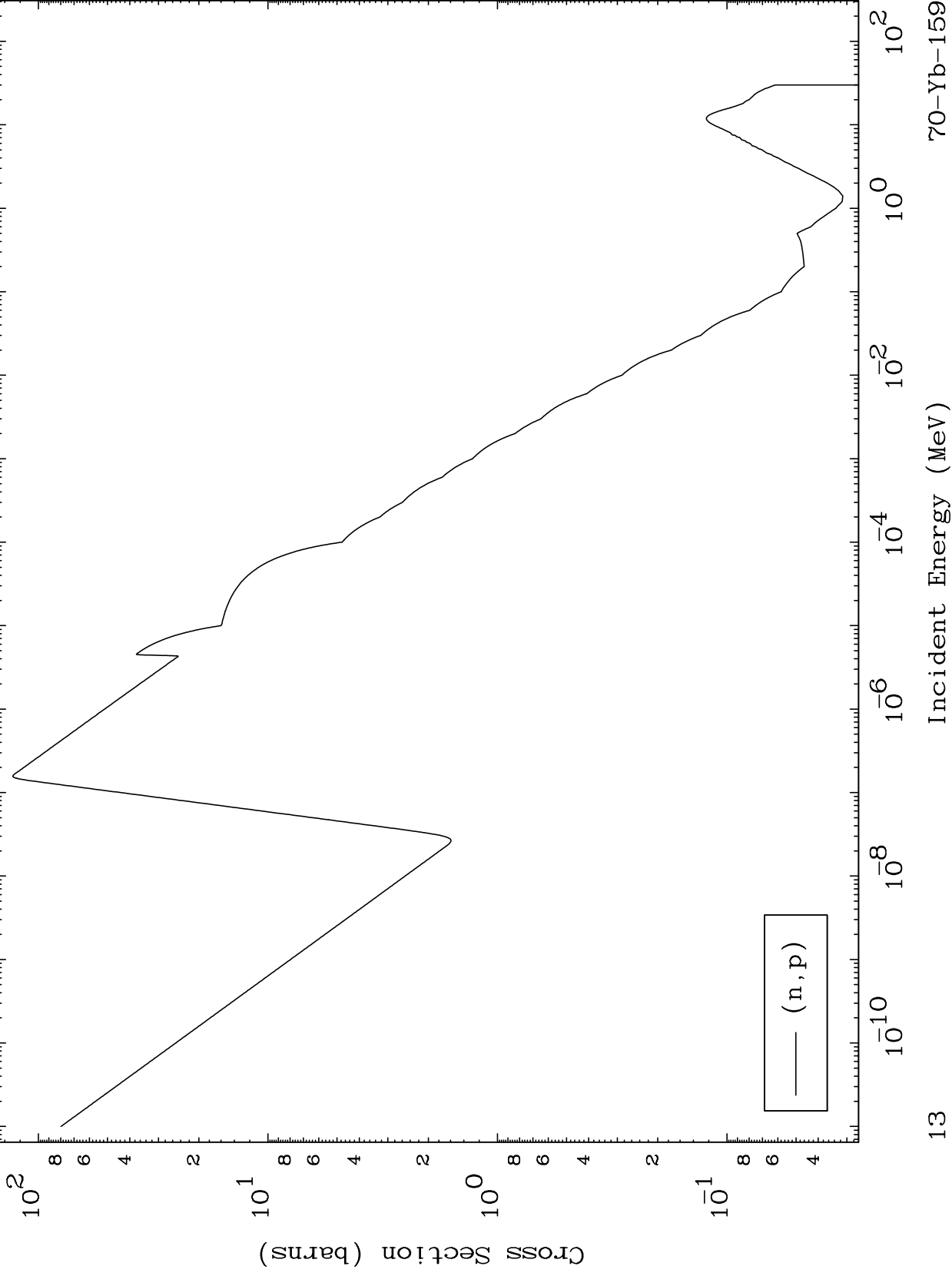
293 Kelvin Cross Sections



MAT 6998

(n,p) Levels
293 Kelvin Cross Sections

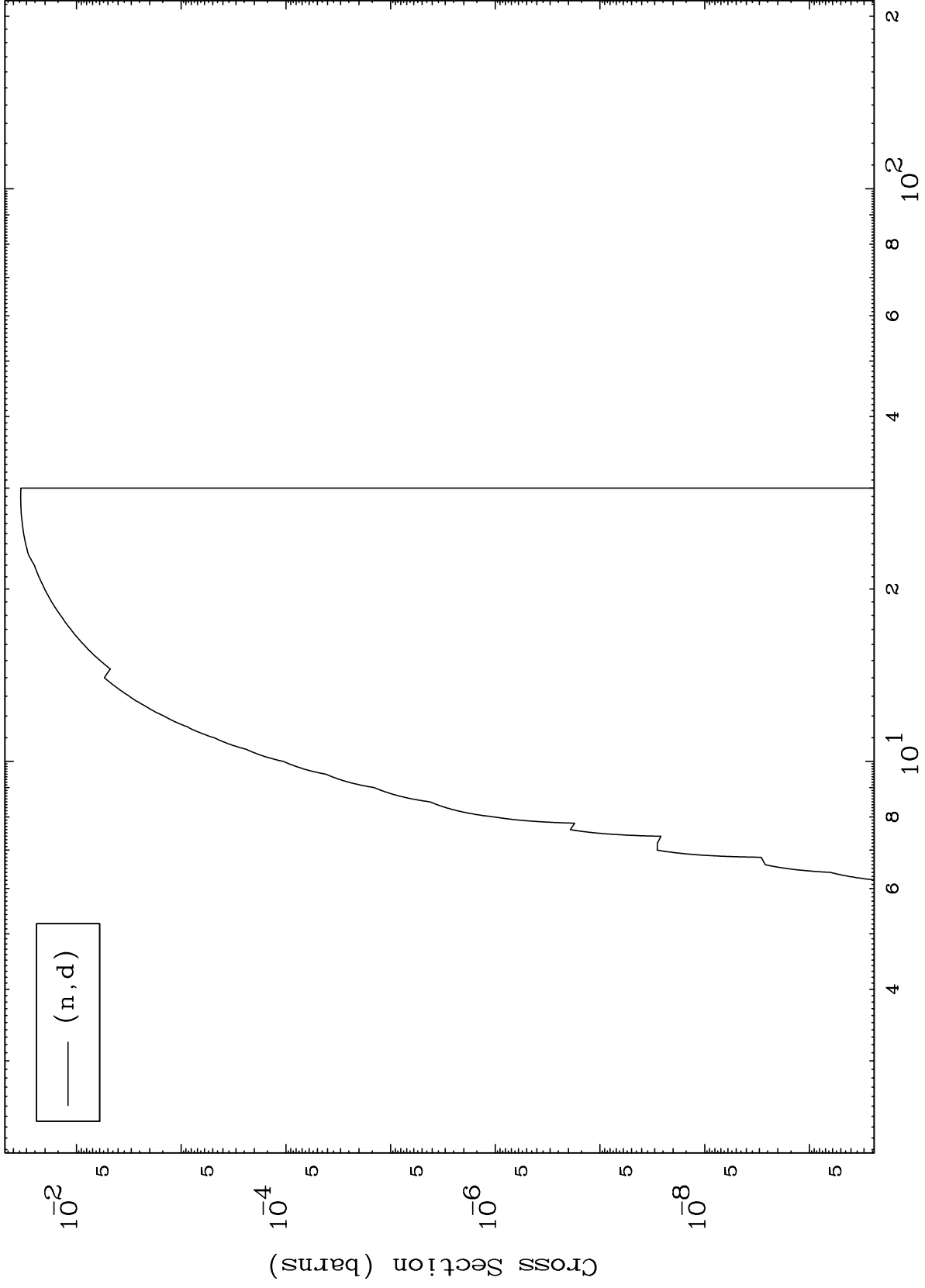
70-Yb-159



MAT 6998

(n,d) Levels
293 Kelvin Cross Sections

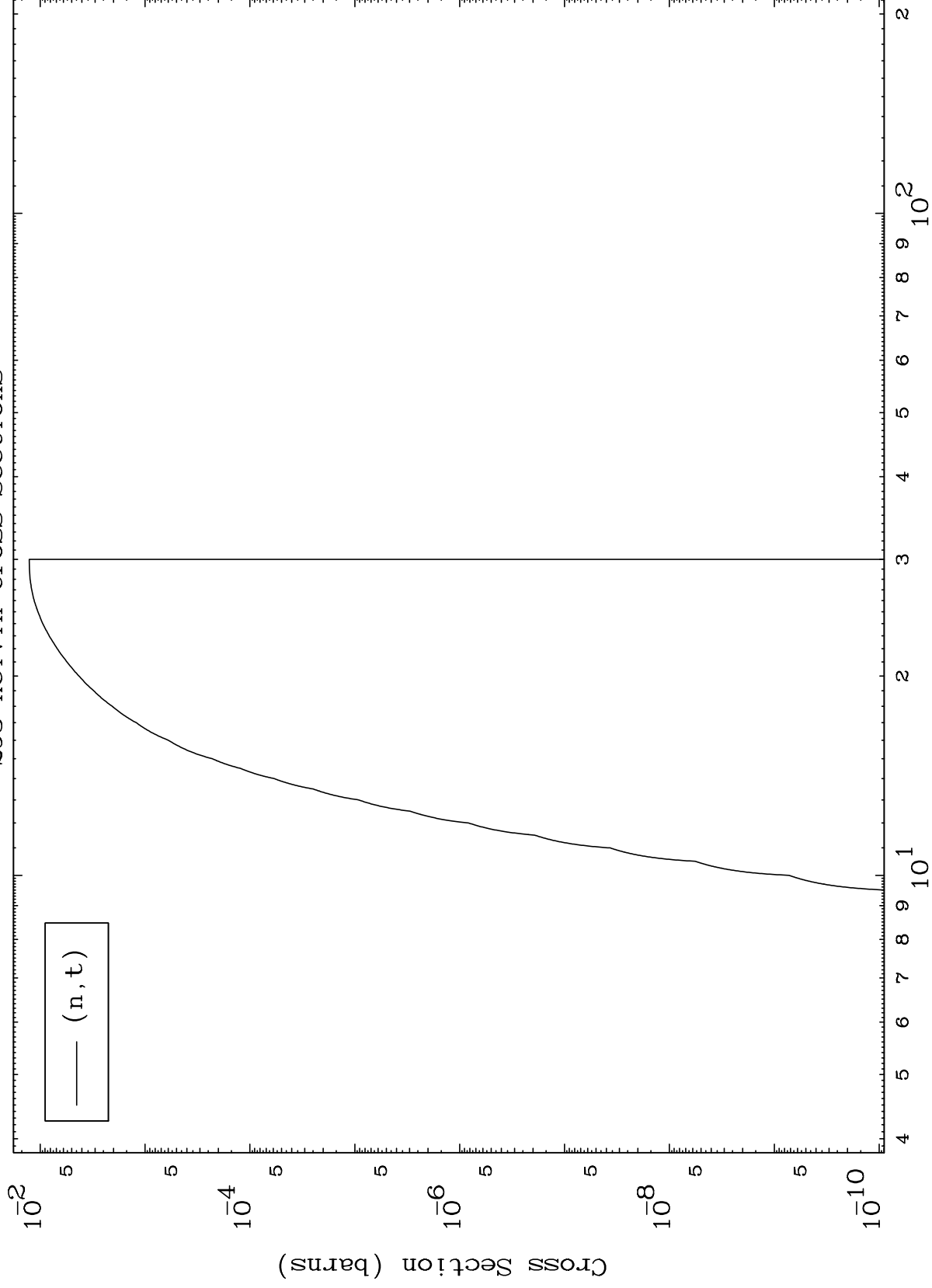
70-Yb-159



MAT 6998

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-159



15

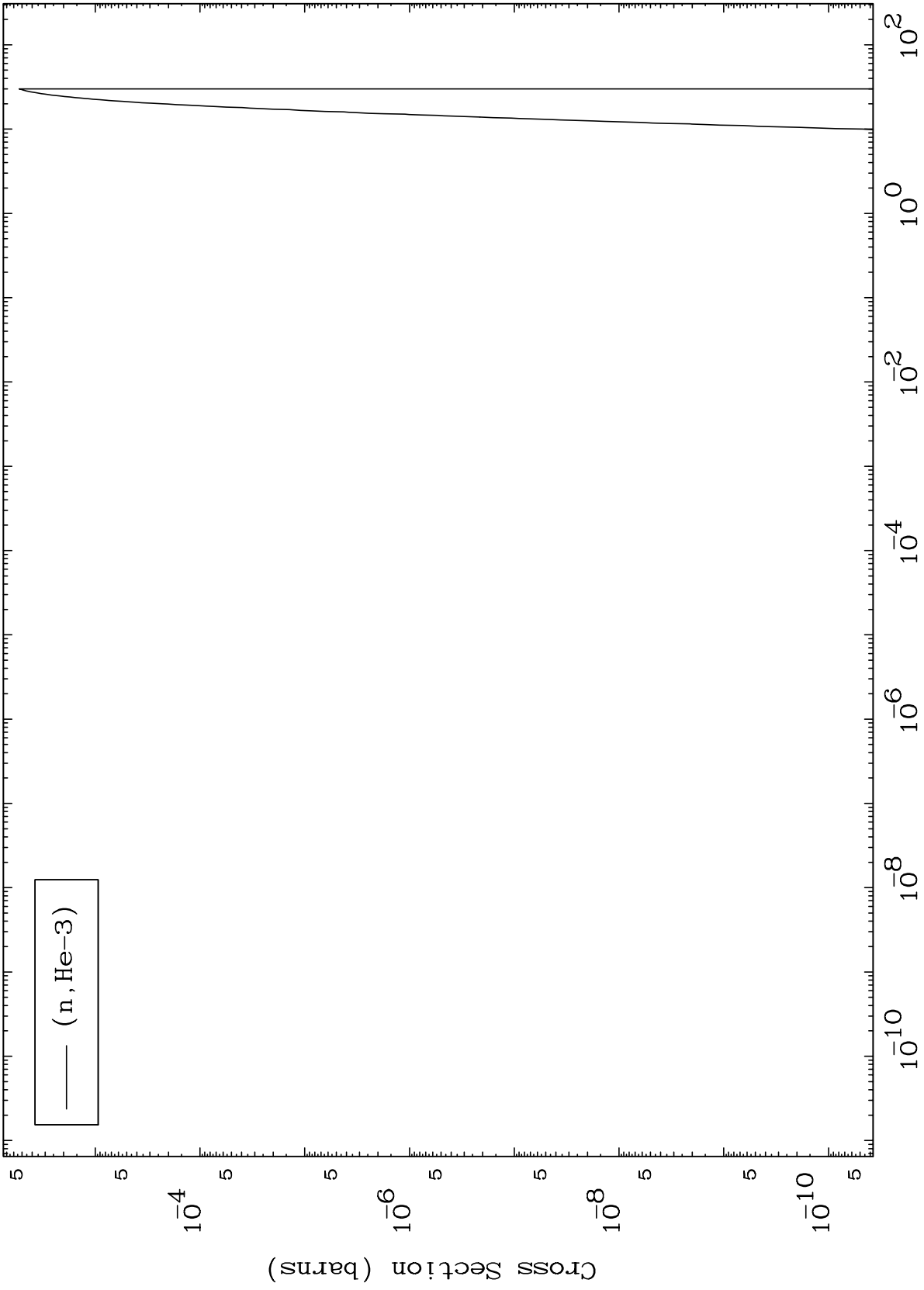
Incident Energy (MeV)

70-Yb-159

MAT 6998

(n,He3) Levels
293 Kelvin Cross Sections

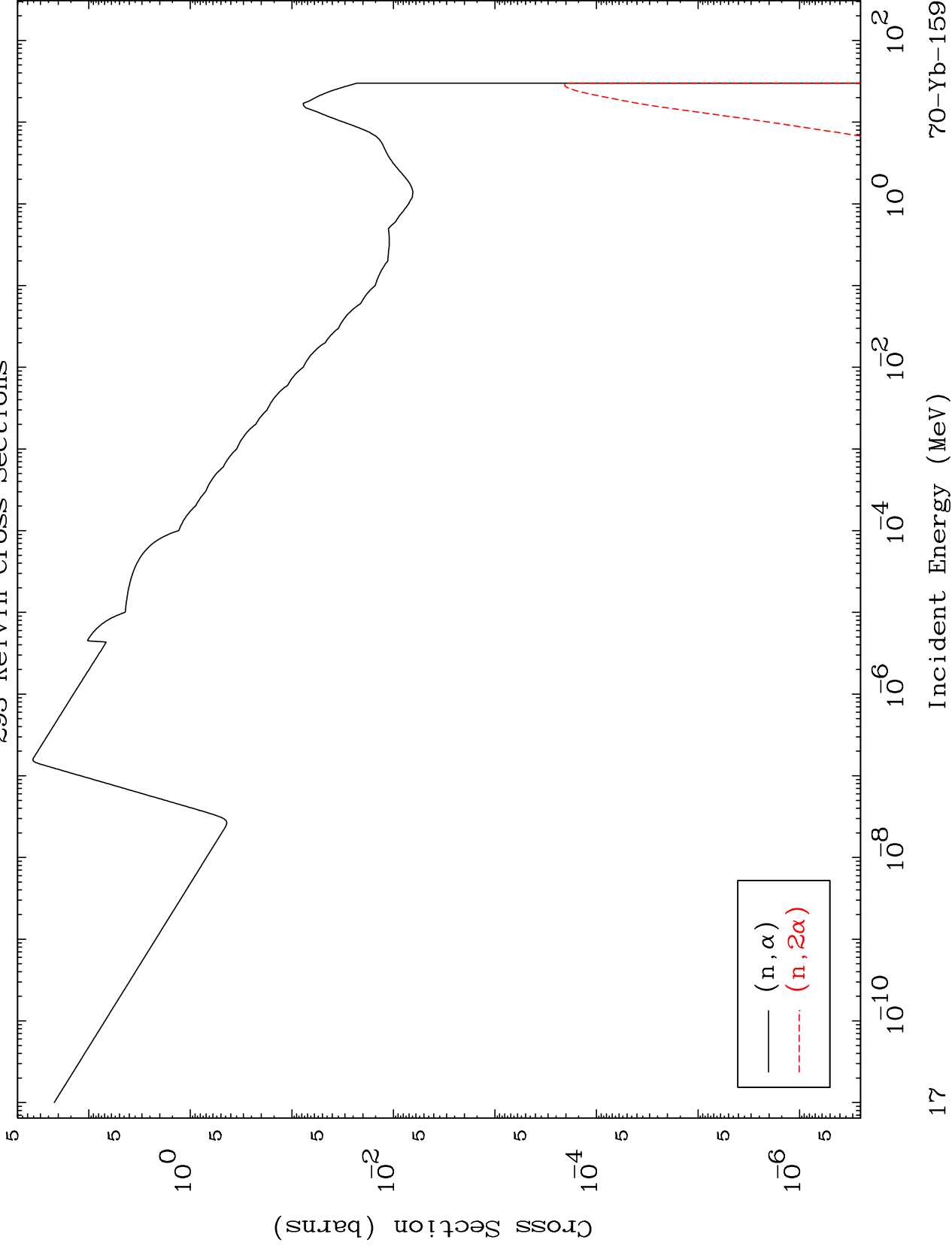
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MAT 6998

(n,α) Levels
293 Kelvin Cross Sections

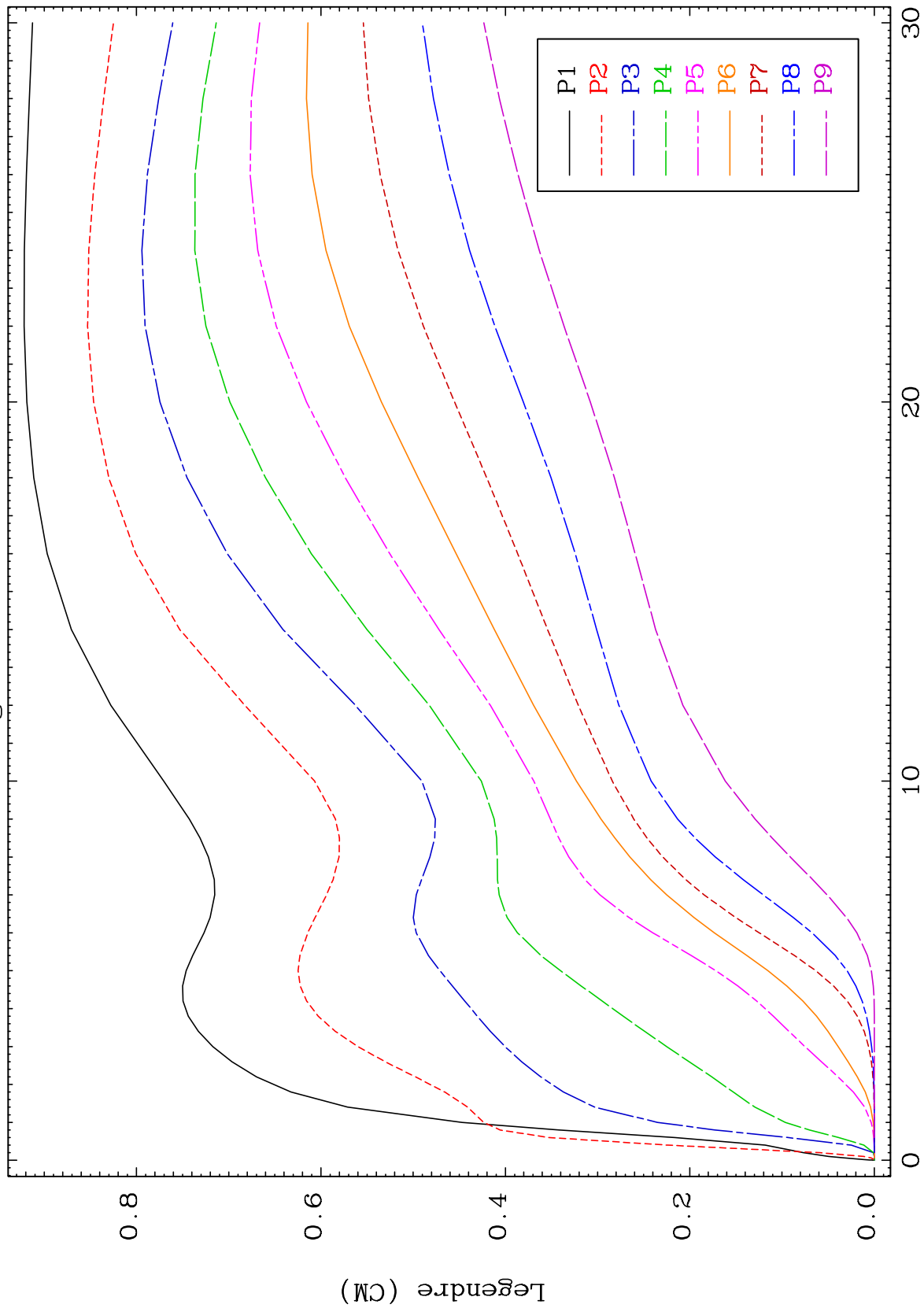
70-Yb-159



MAT 6998

Elastic Legendre Coefficients

70-Yb-159



18

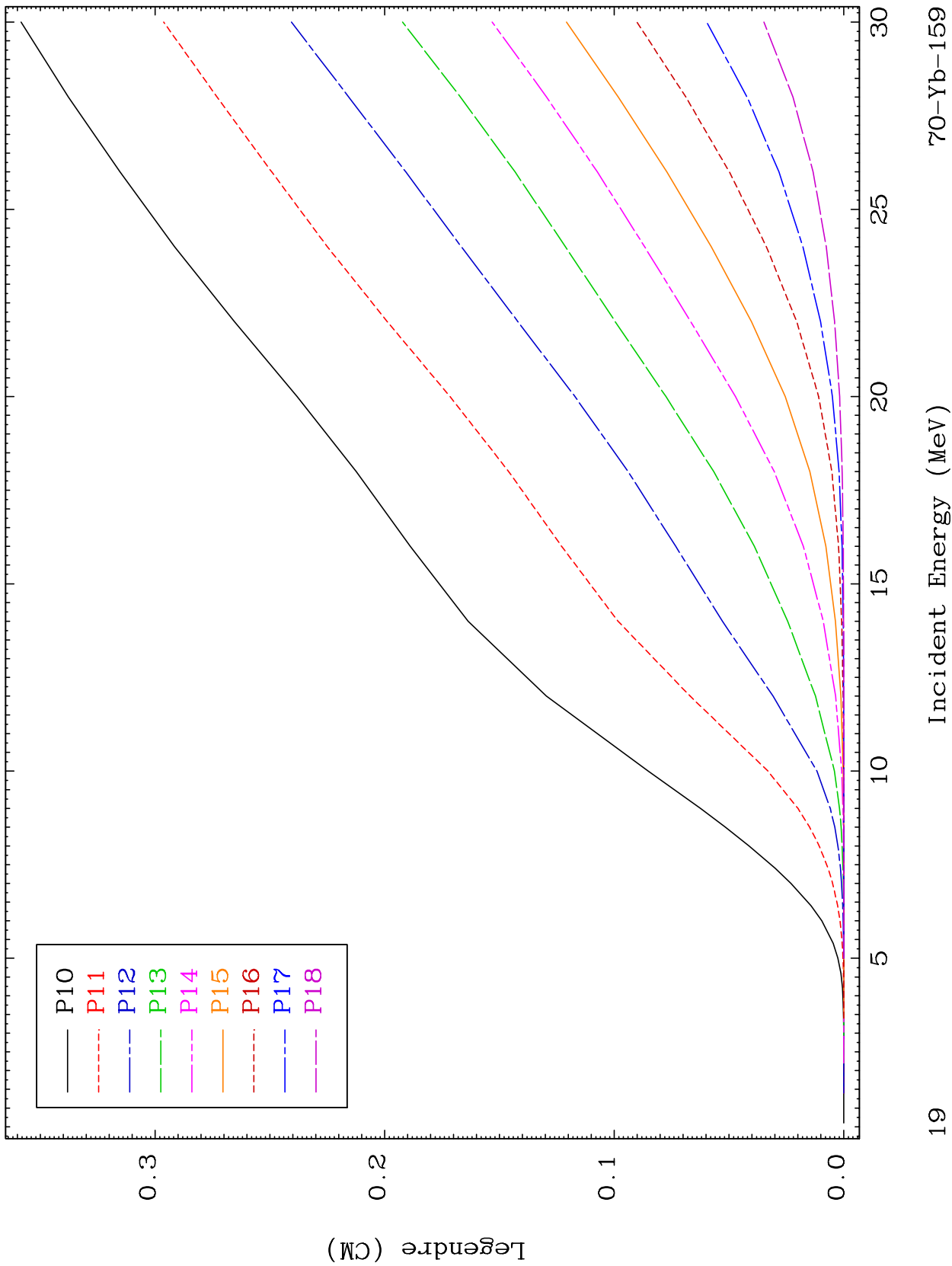
Incident Energy (MeV)

70-Yb-159

MAT 6998

Elastic
Legendre Coefficients

70-Yb-159



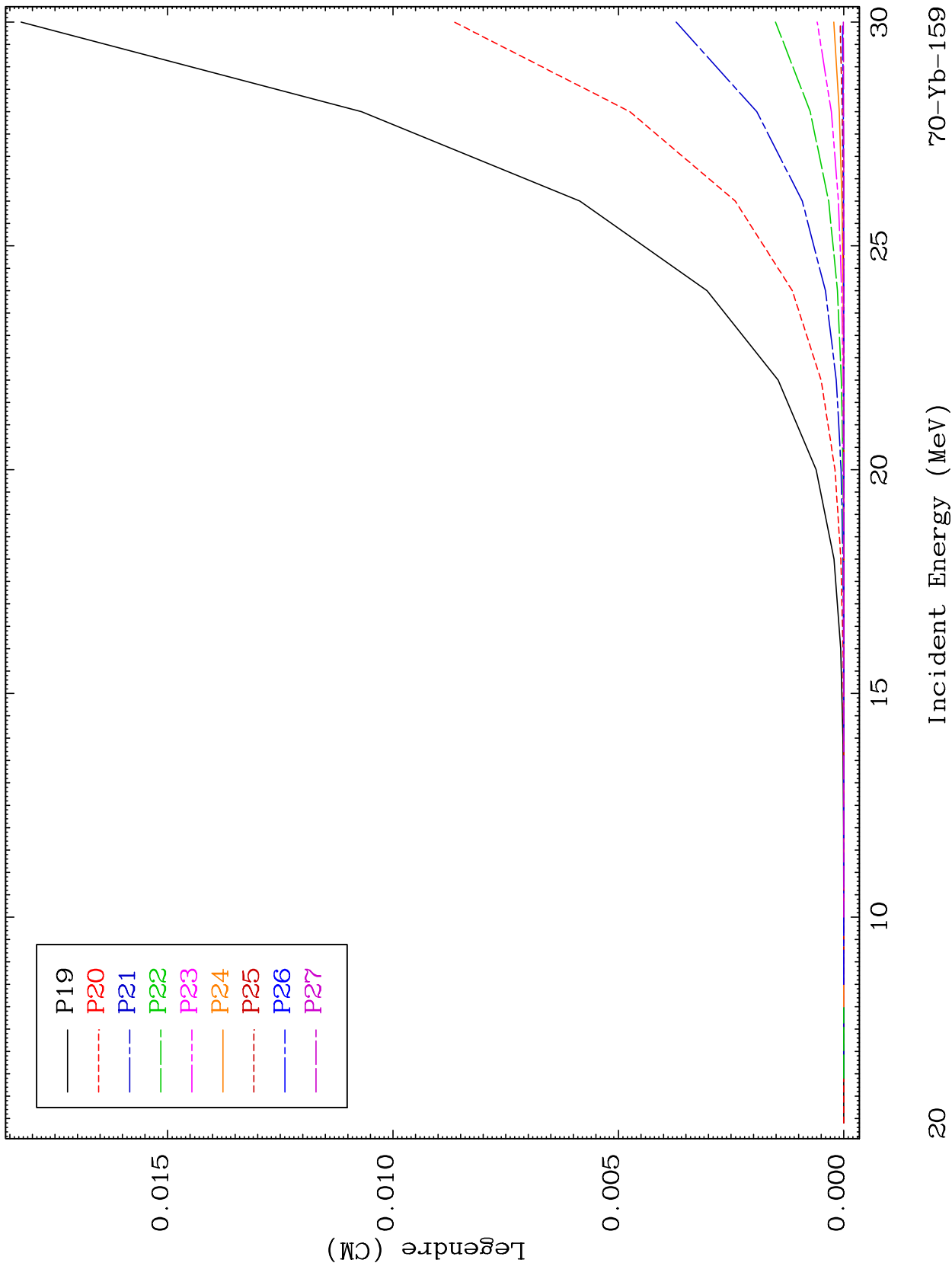
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70-Yb-159

MAT 6998

Elastic
Legendre Coefficients

70-Yb-159



20

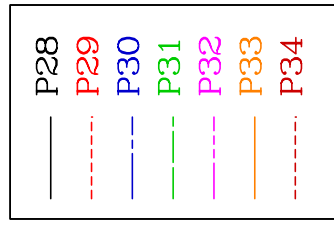
Incident Energy (MeV)

70-Yb-159

MAT 6998

Elastic Legendre Coefficients

70-Yb-159



$\times 10^{-6}$

Legendre (CM)

2

1

0

15

20

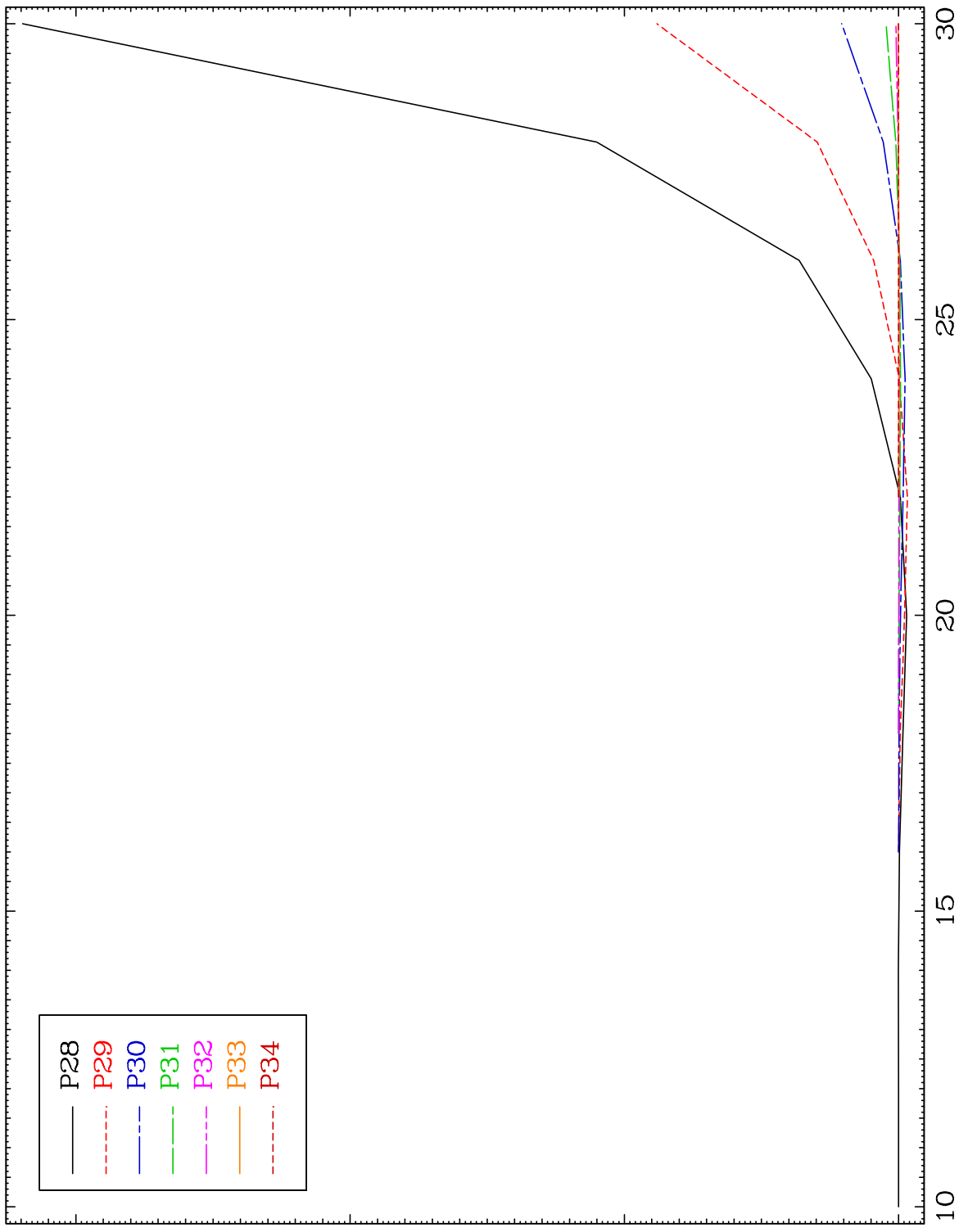
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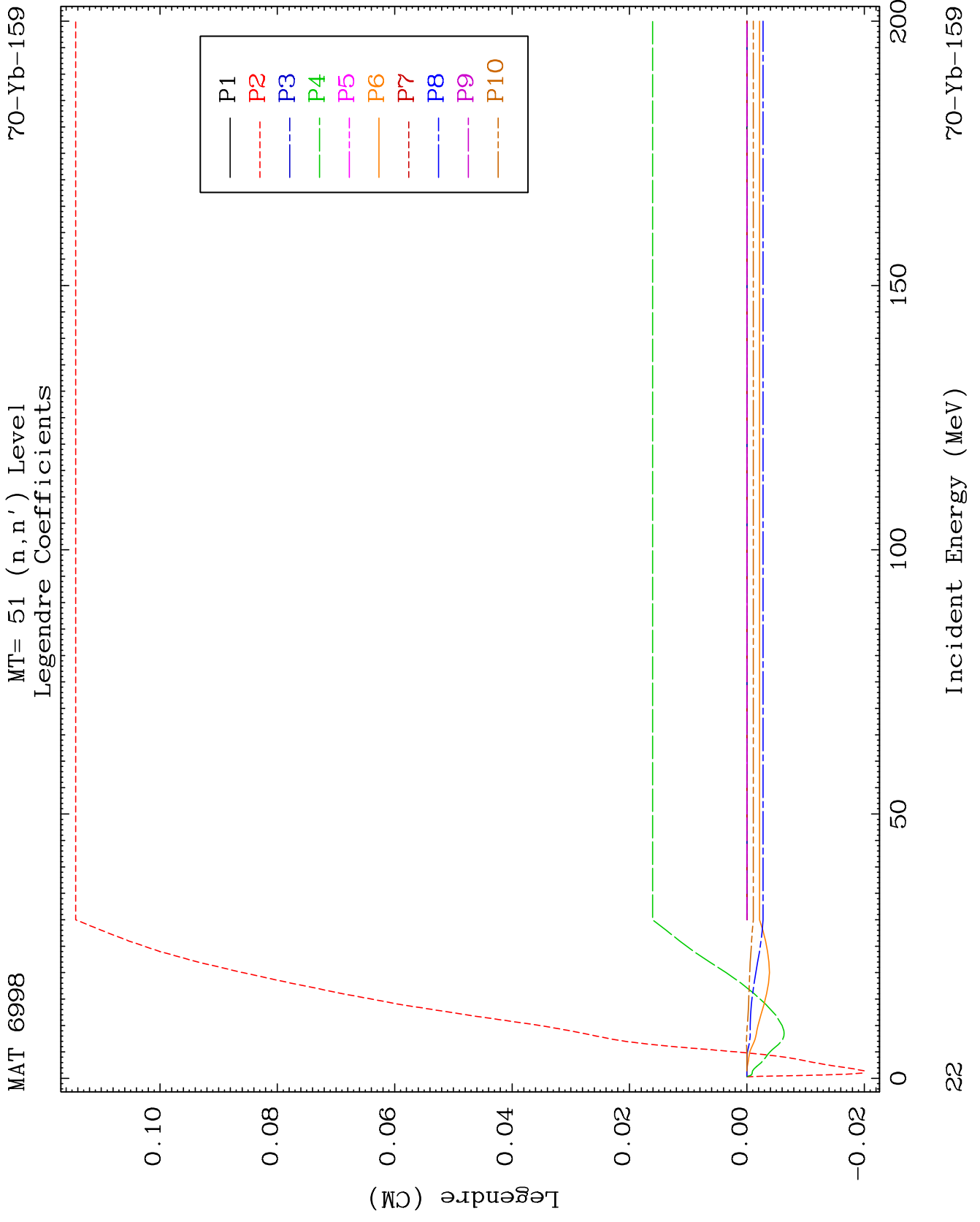
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21

Incident Energy (MeV)

70-Yb-159



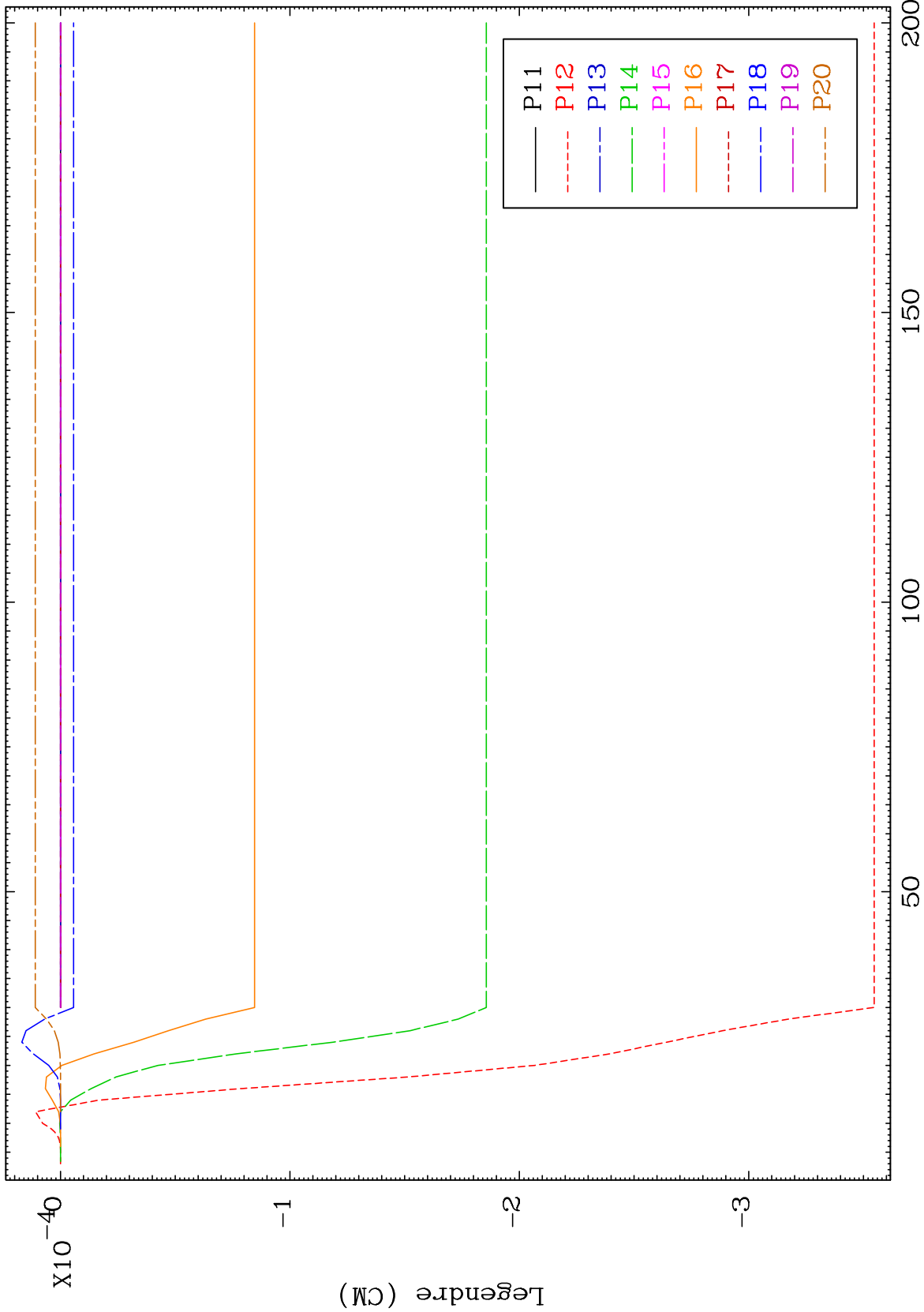


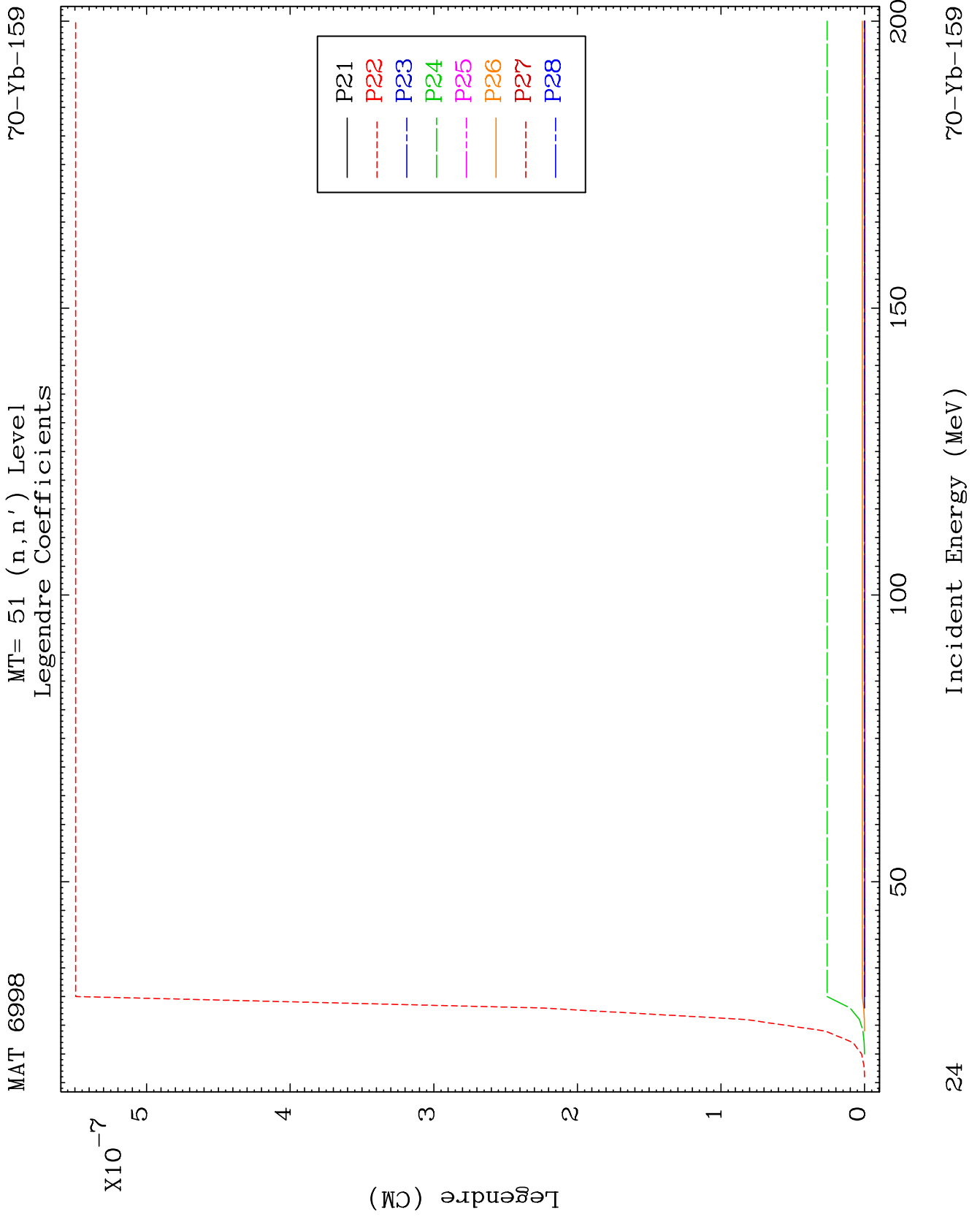
MAT 6998

MT= 51 (n,n') Level

70-Yb-159

Legendre Coefficients

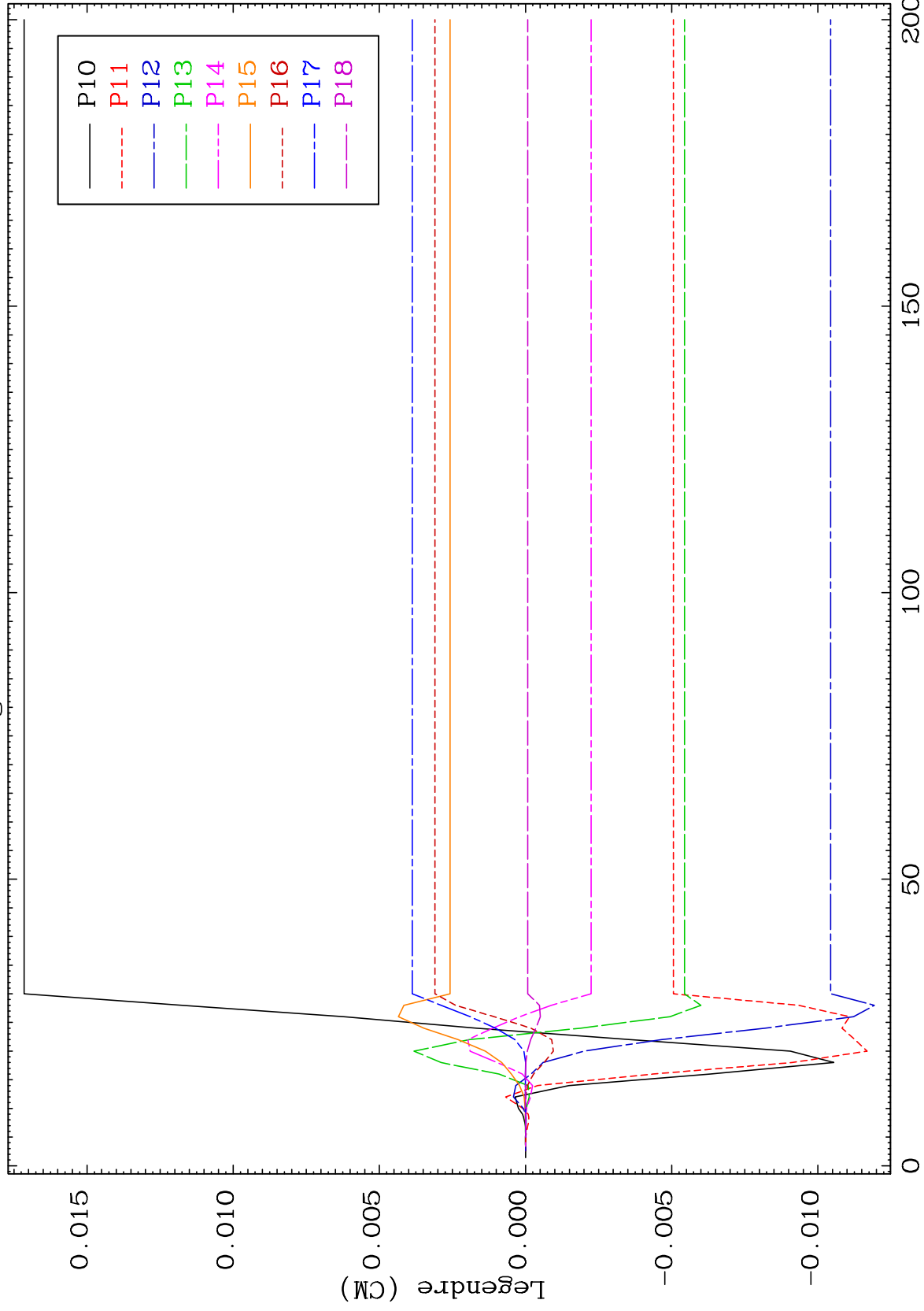




MAT 6998

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

70-Yb-159



26

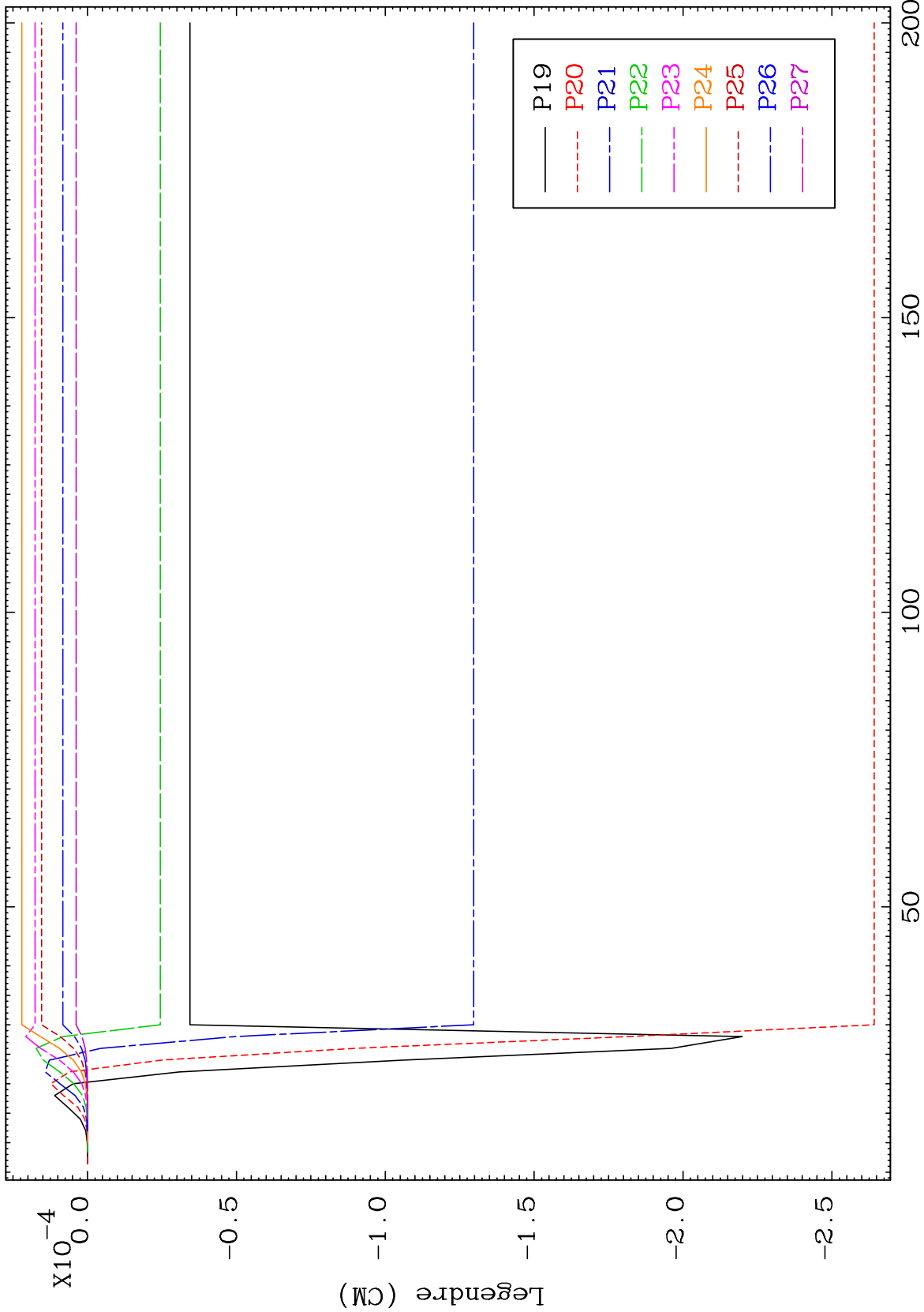
Incident Energy (MeV)

70-Yb-159

MAT 6998

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

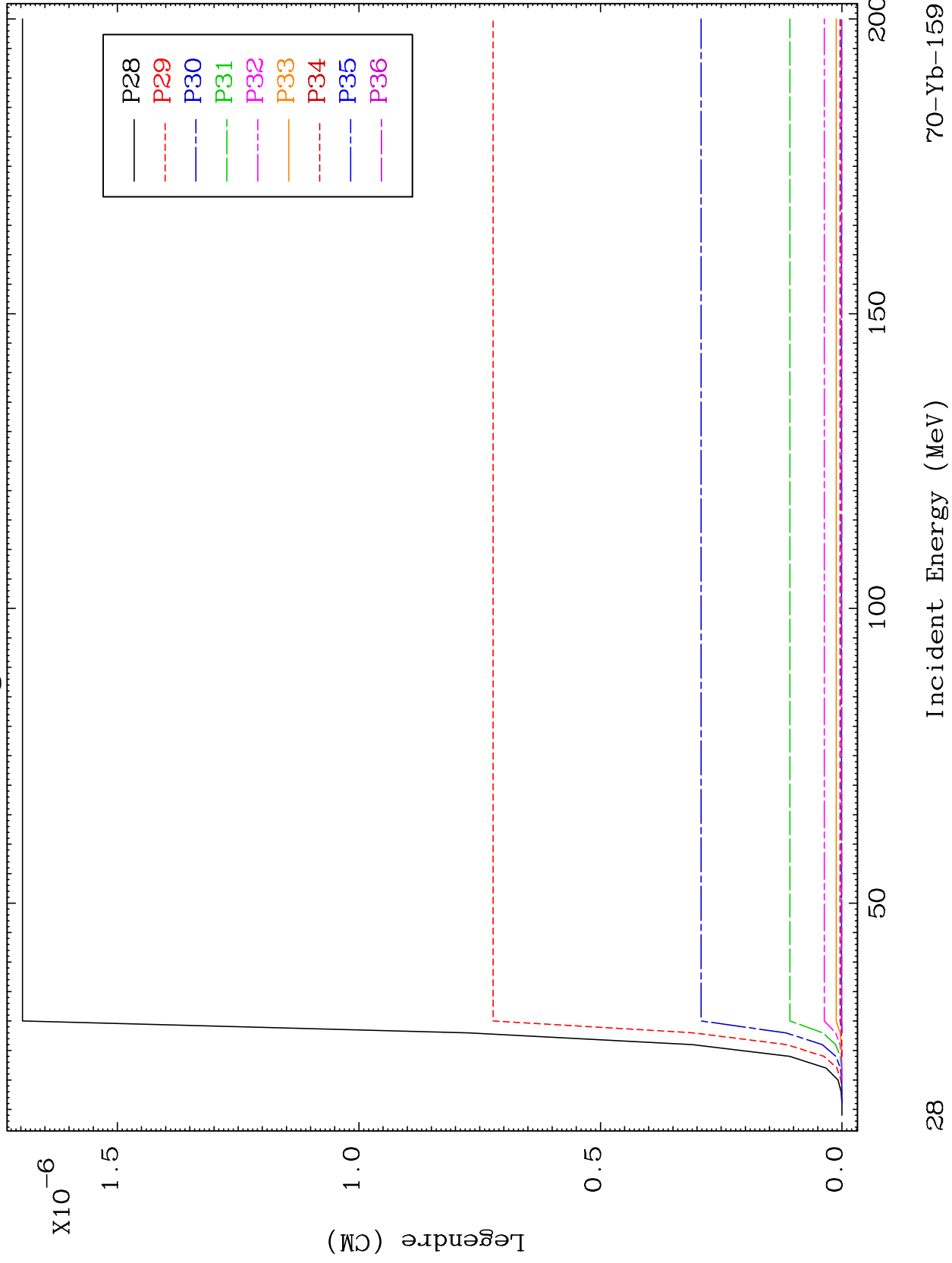
70-Yb-159



MAT 6998

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

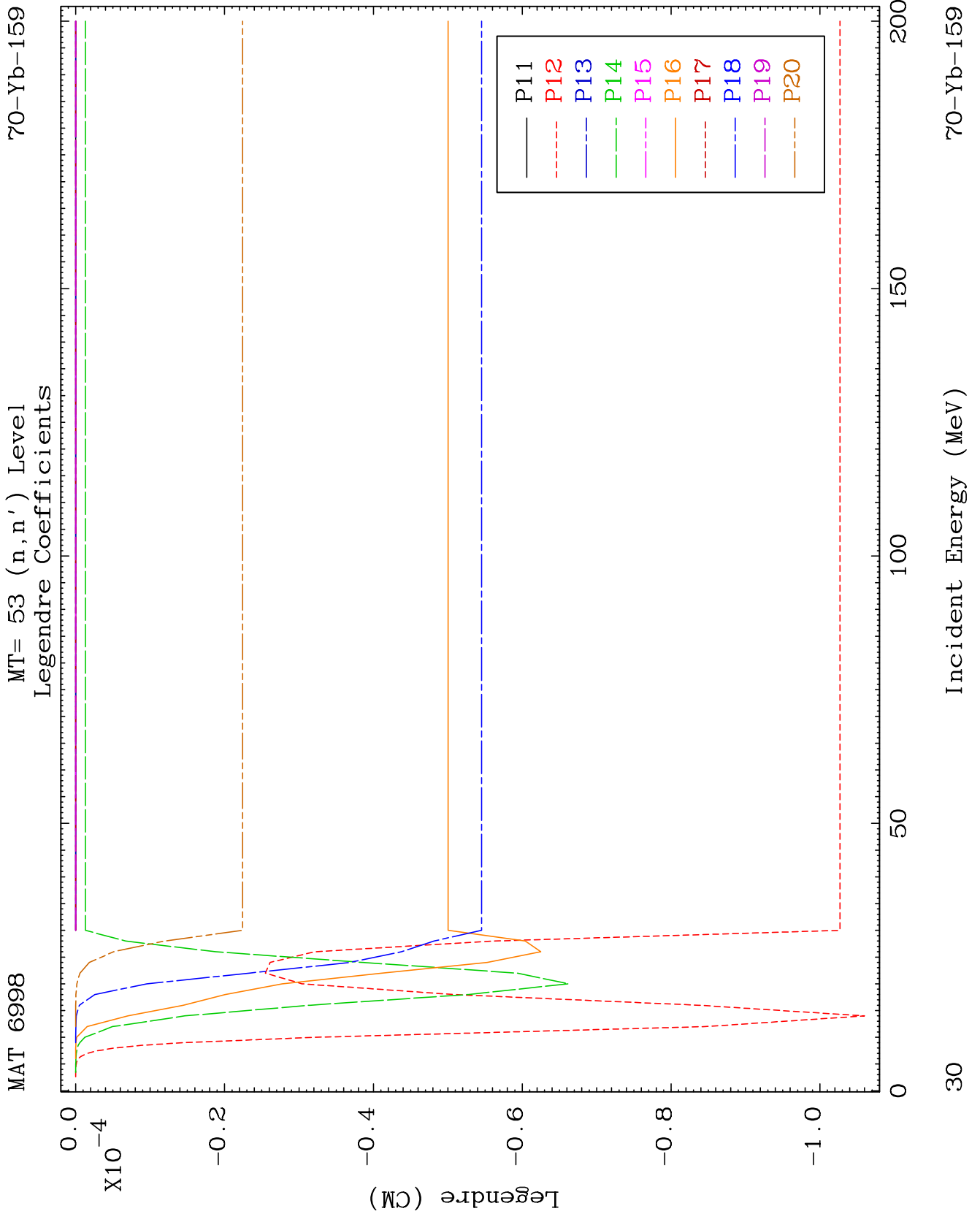
70-Yb-159

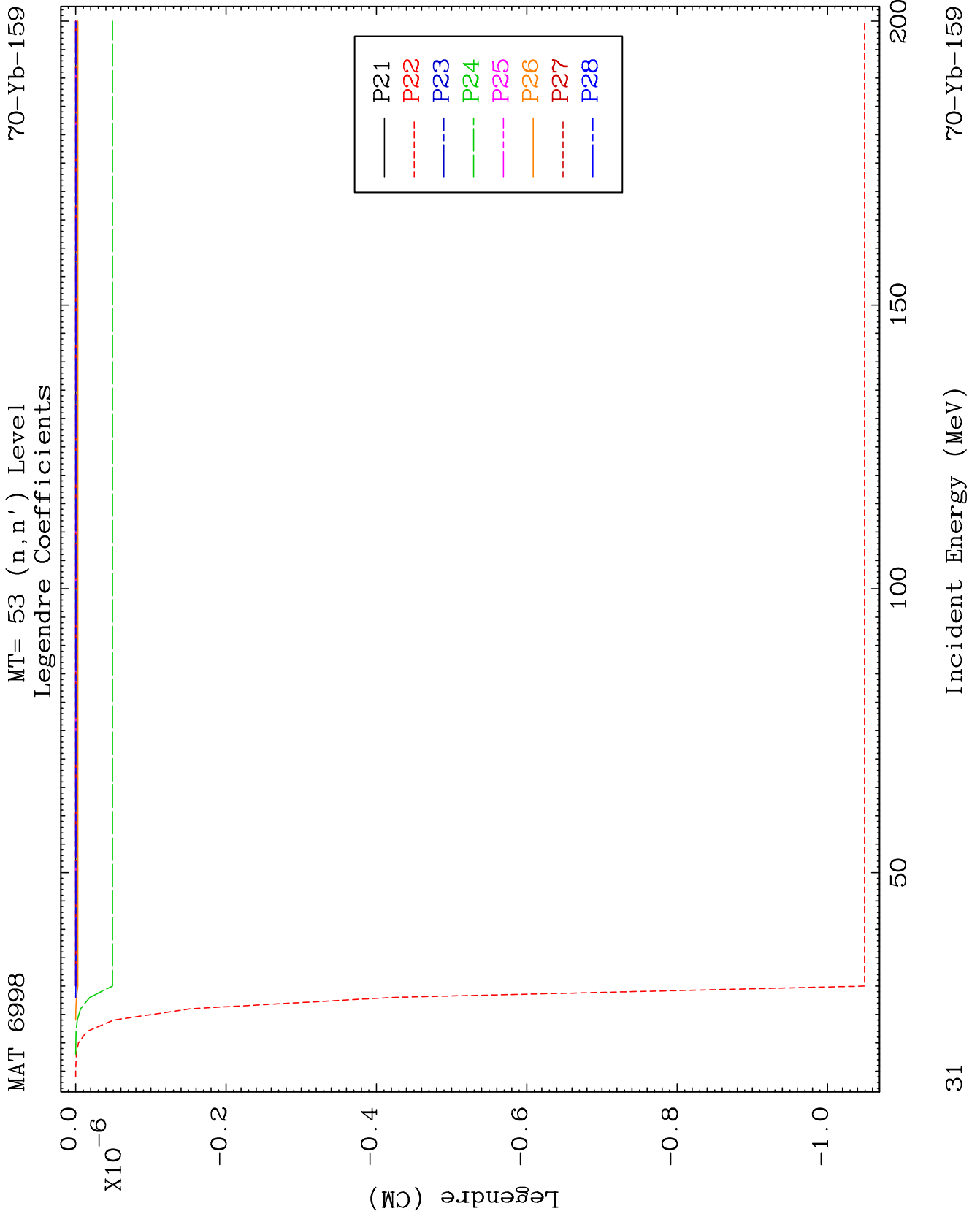


28

Incident Energy (MeV)

70-Yb-159

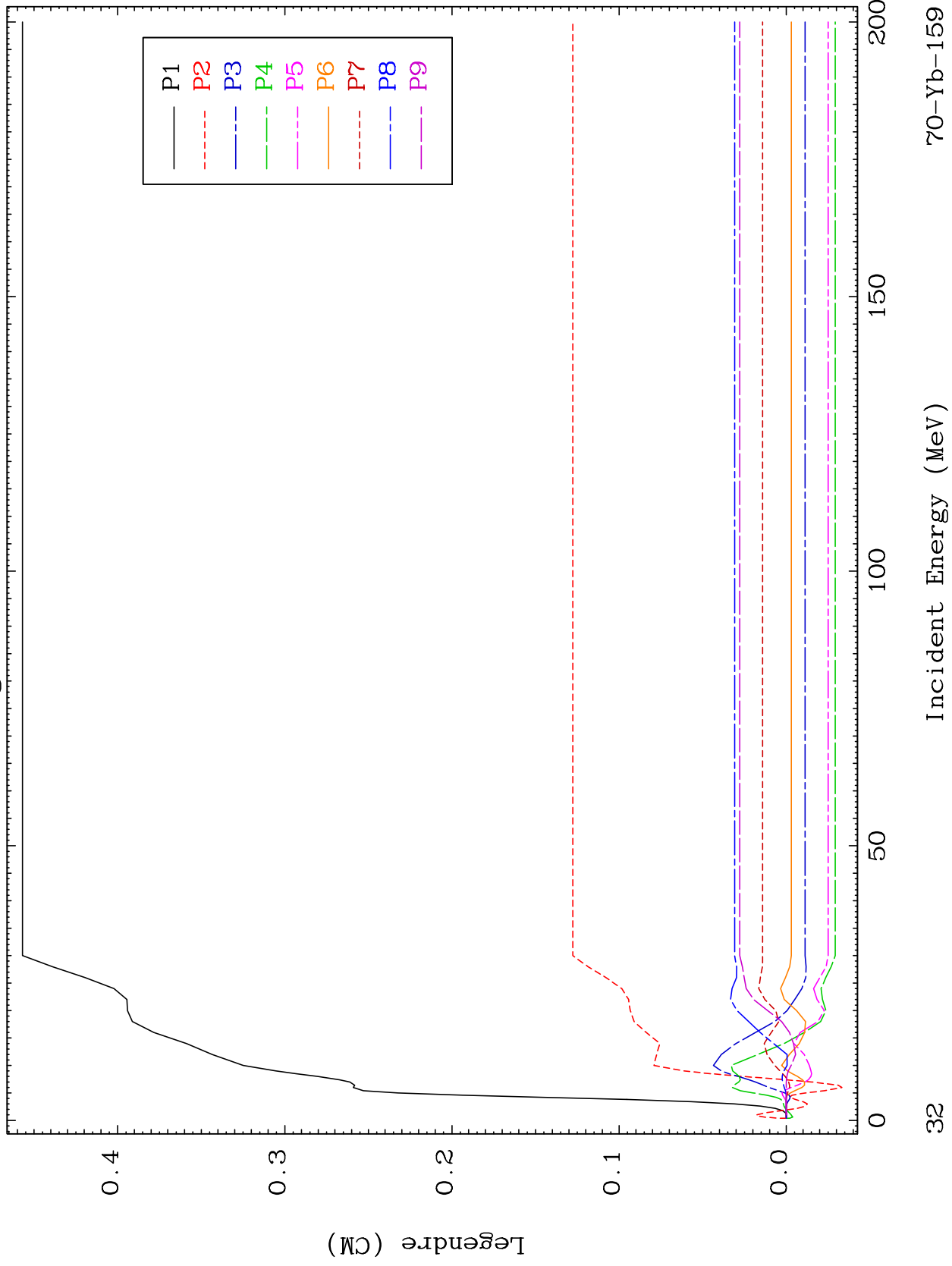




MAT 6998

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

70-Yb-159



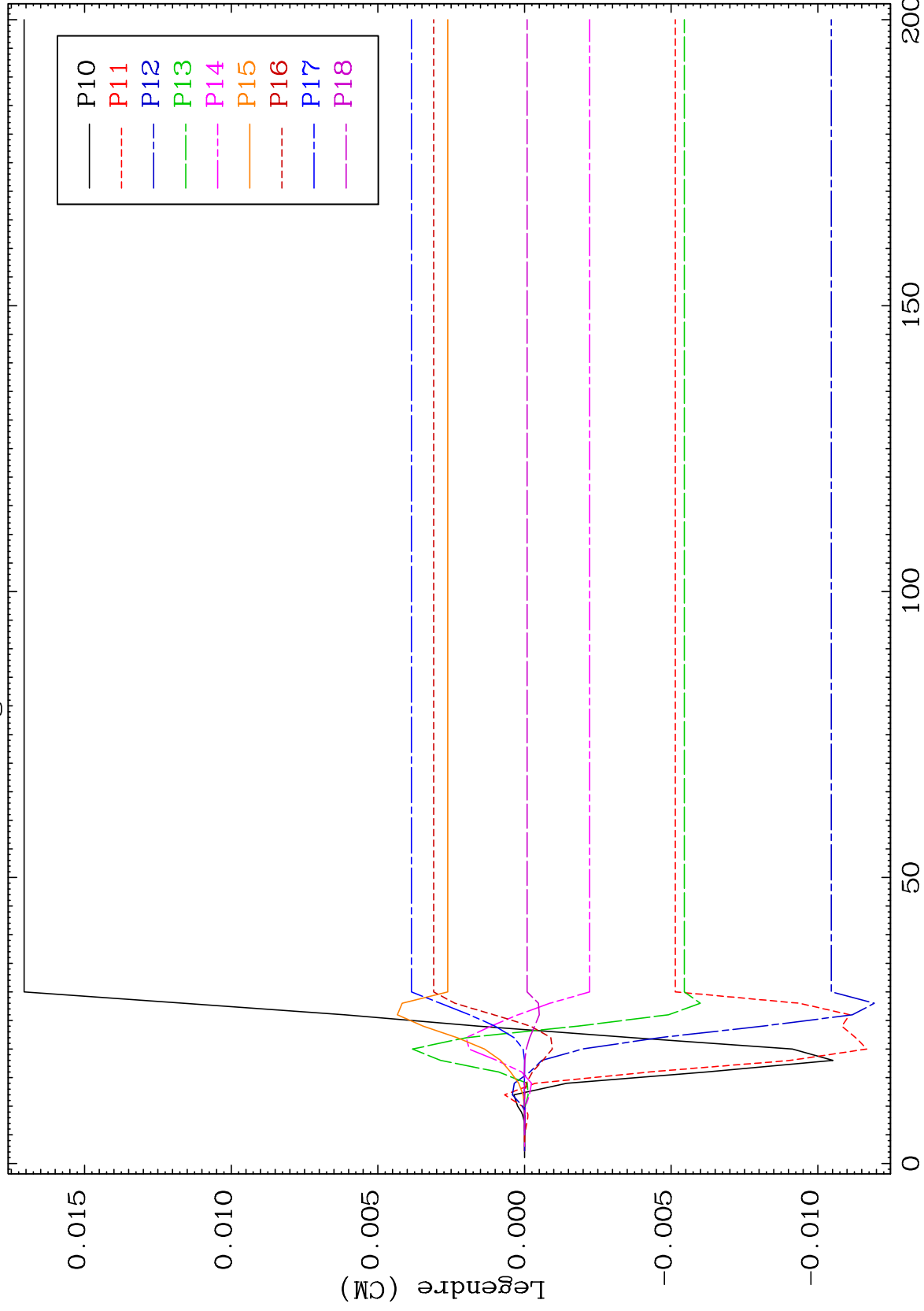
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70-Yb-159

MAT 6998

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

70-Yb-159



33

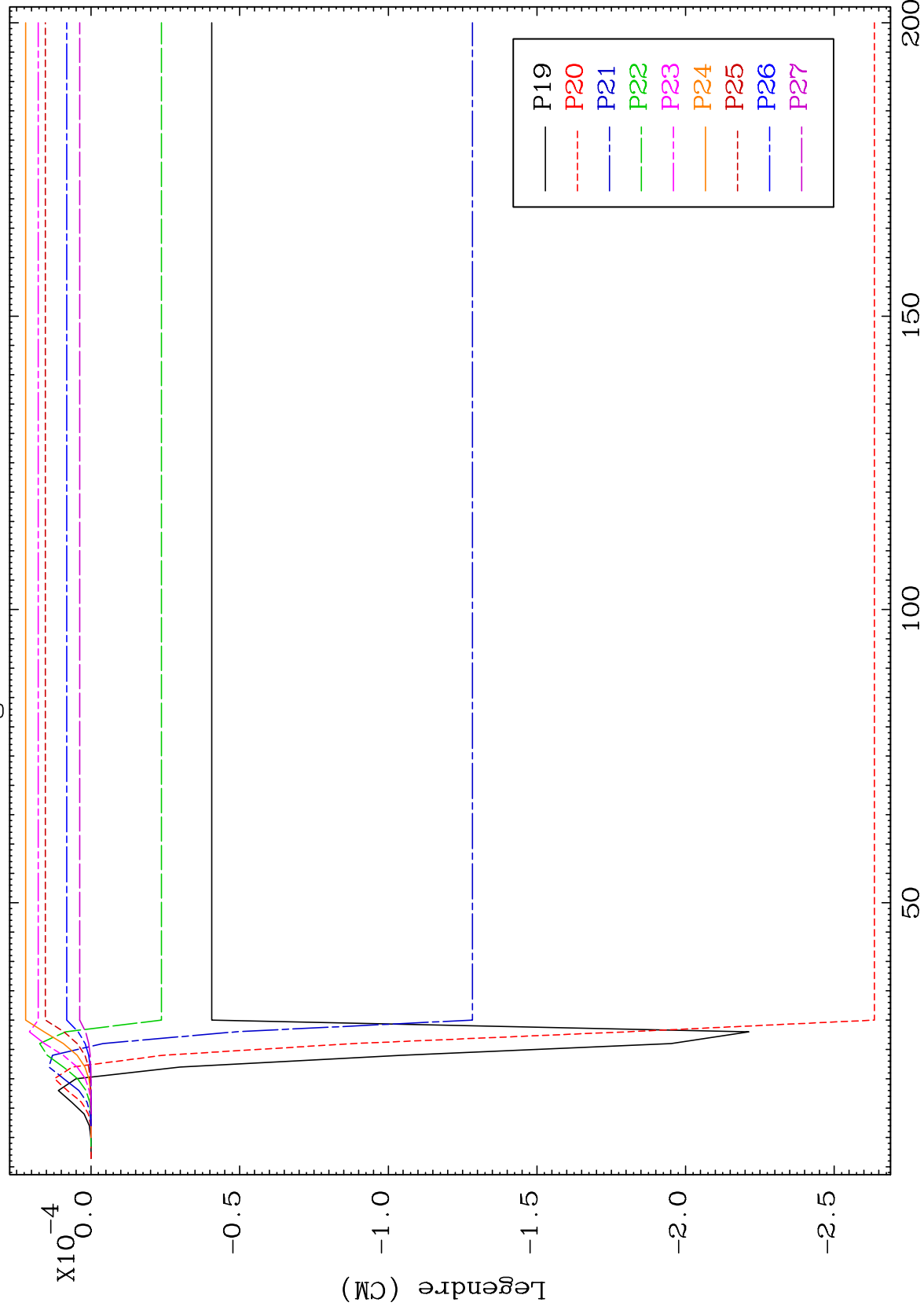
Incident Energy (MeV)

70-Yb-159

MAT 6998

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

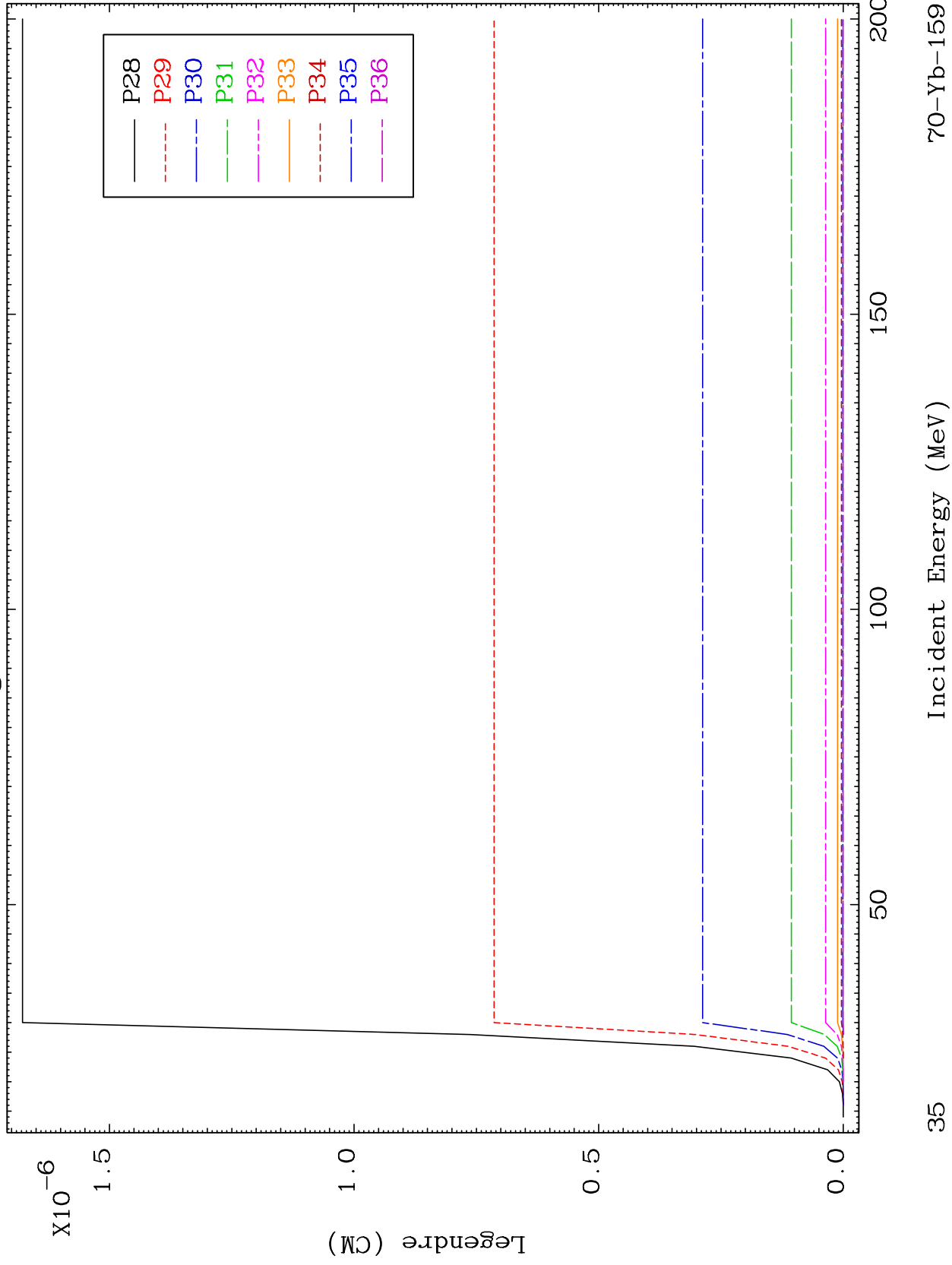
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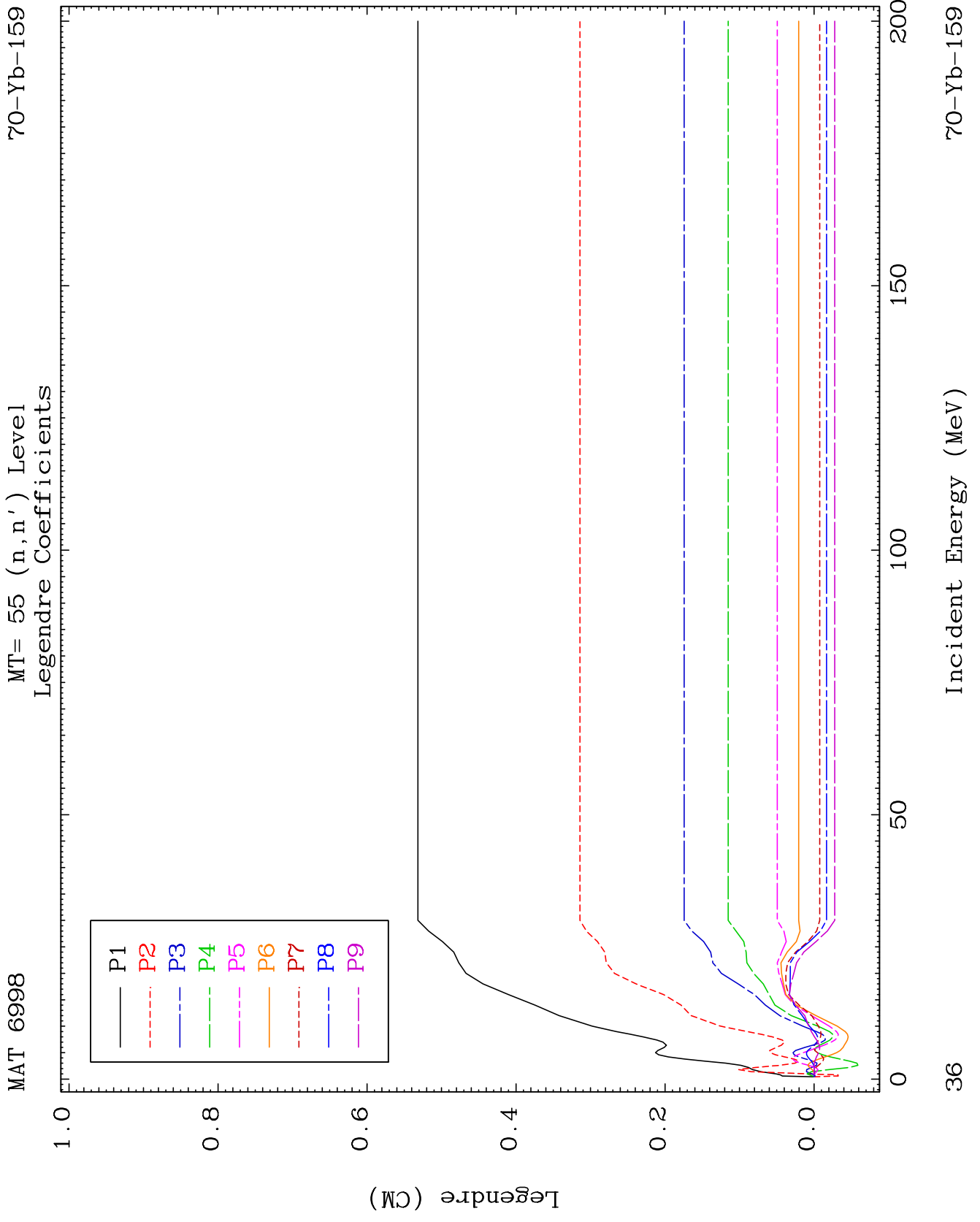


MAT 6998

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

70-Yb-159

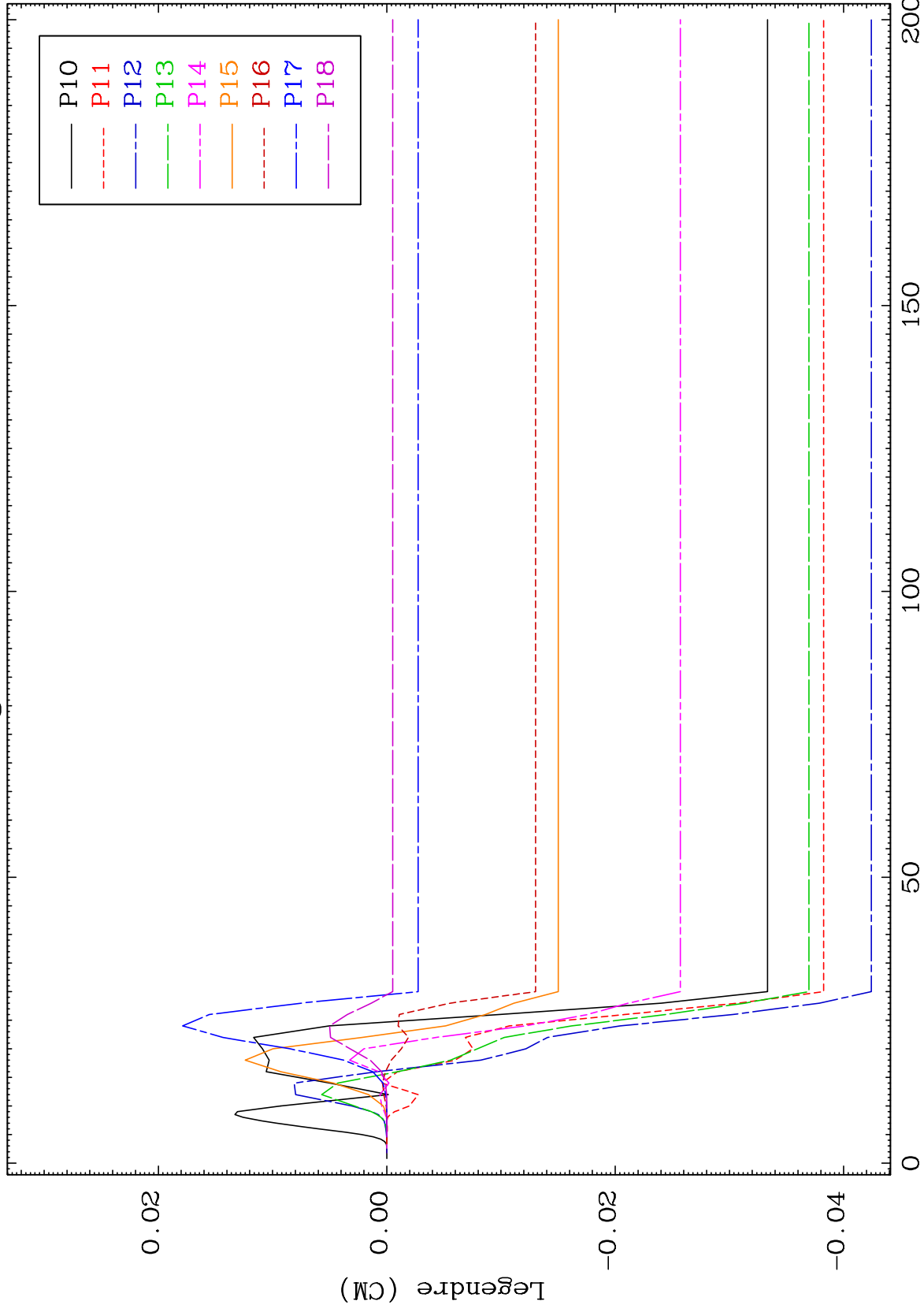




MAT 6998

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

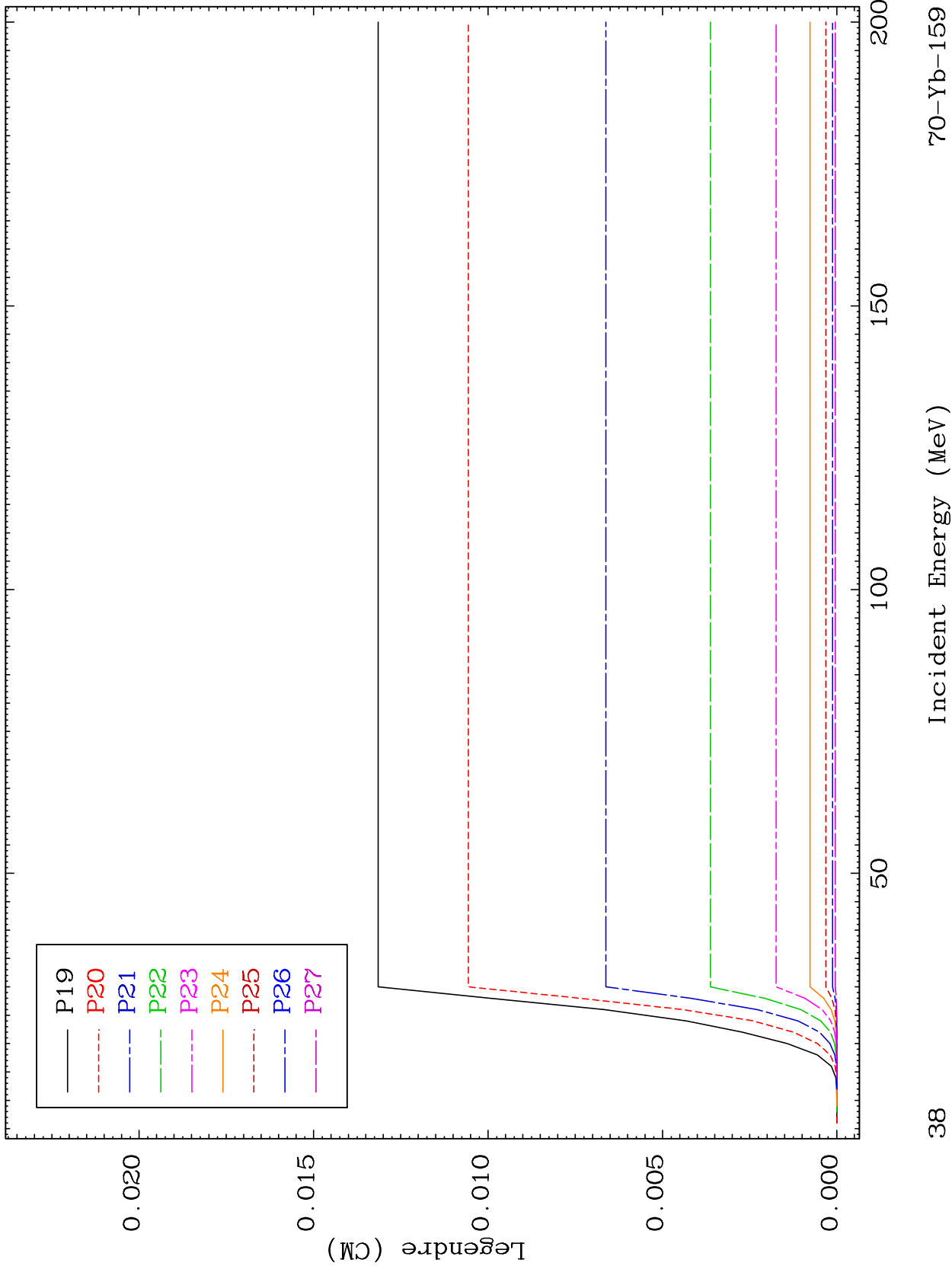
70-Yb-159



37

Incident Energy (MeV)

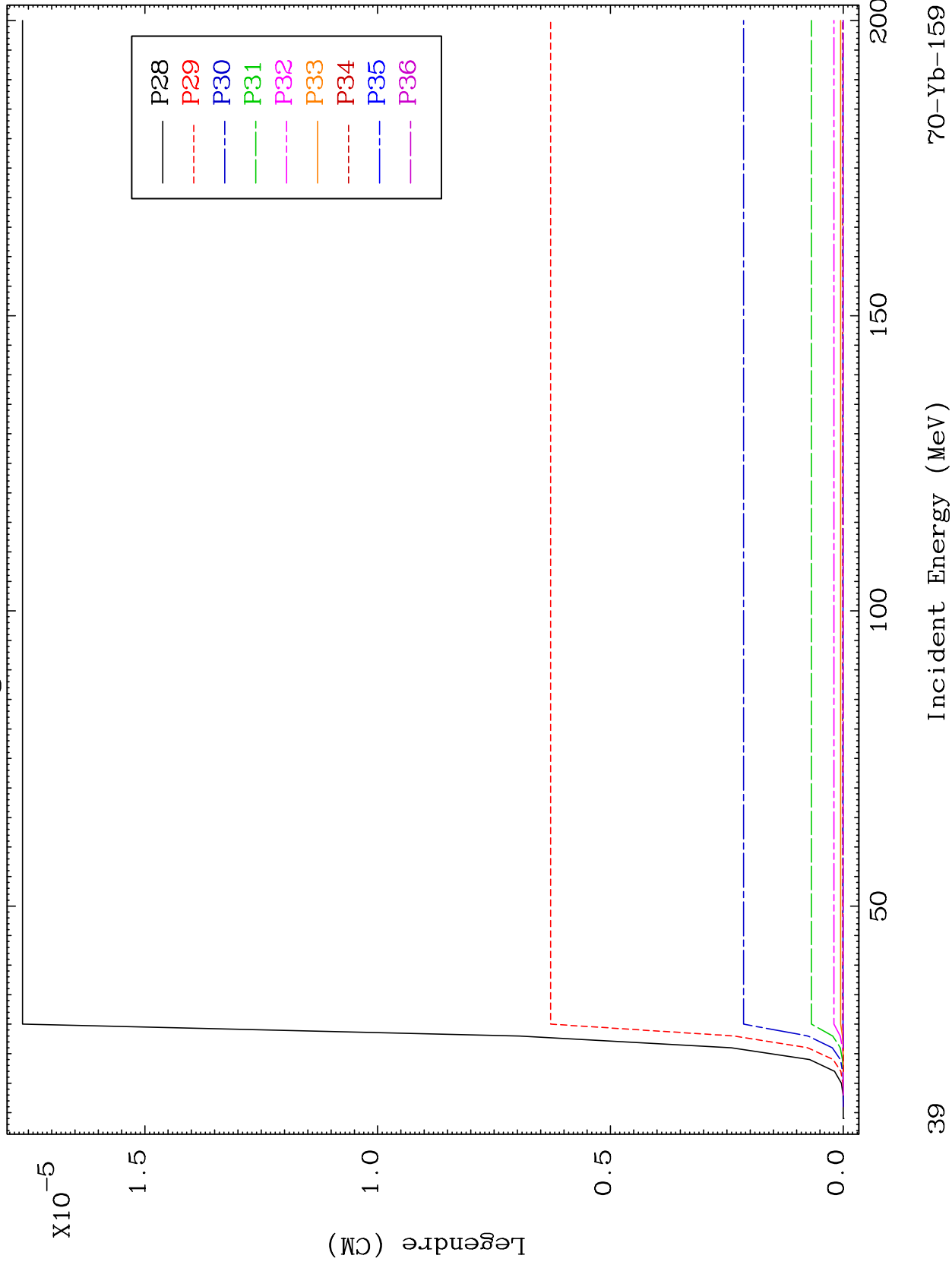
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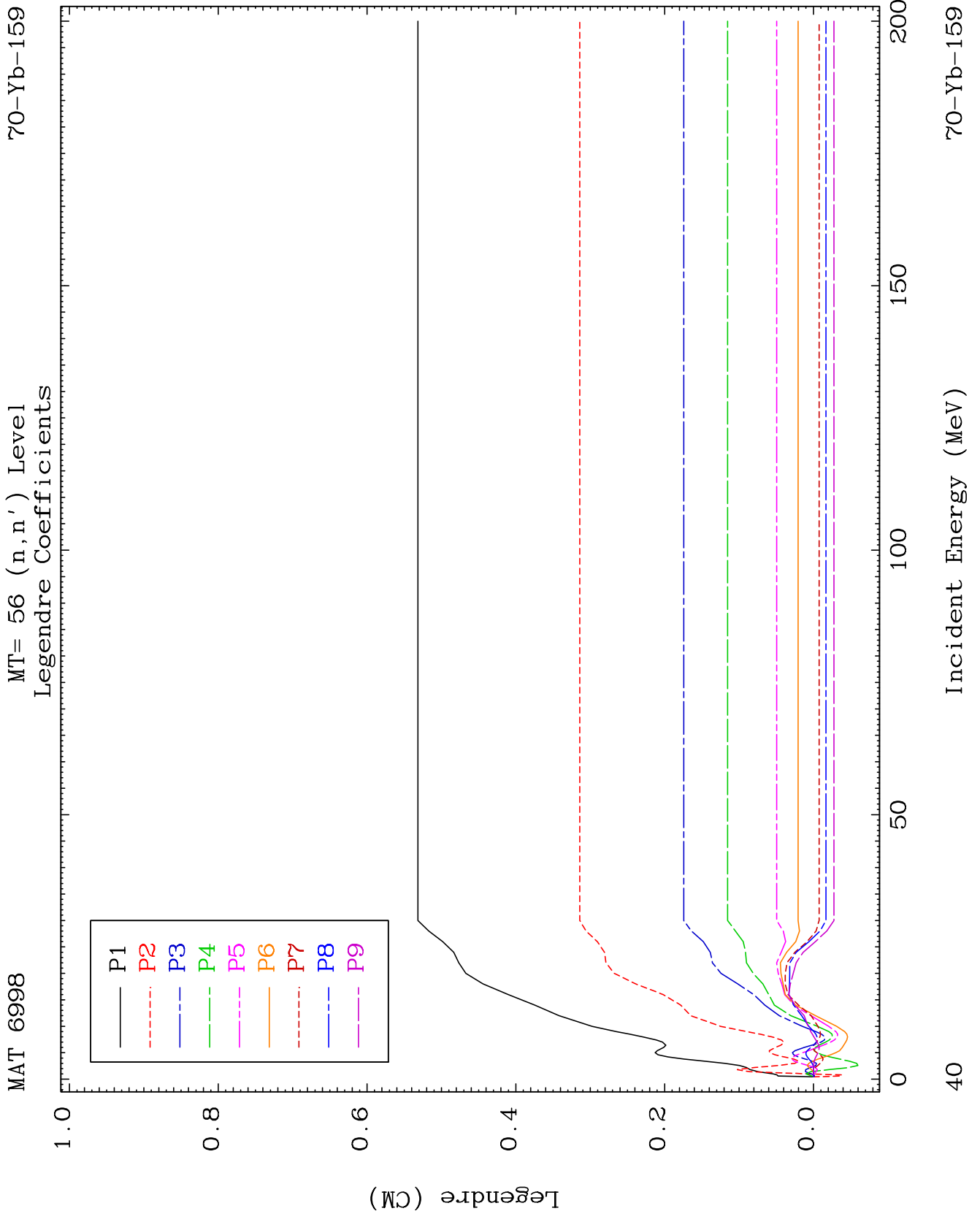


MAT 6998

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

70-Yb-159

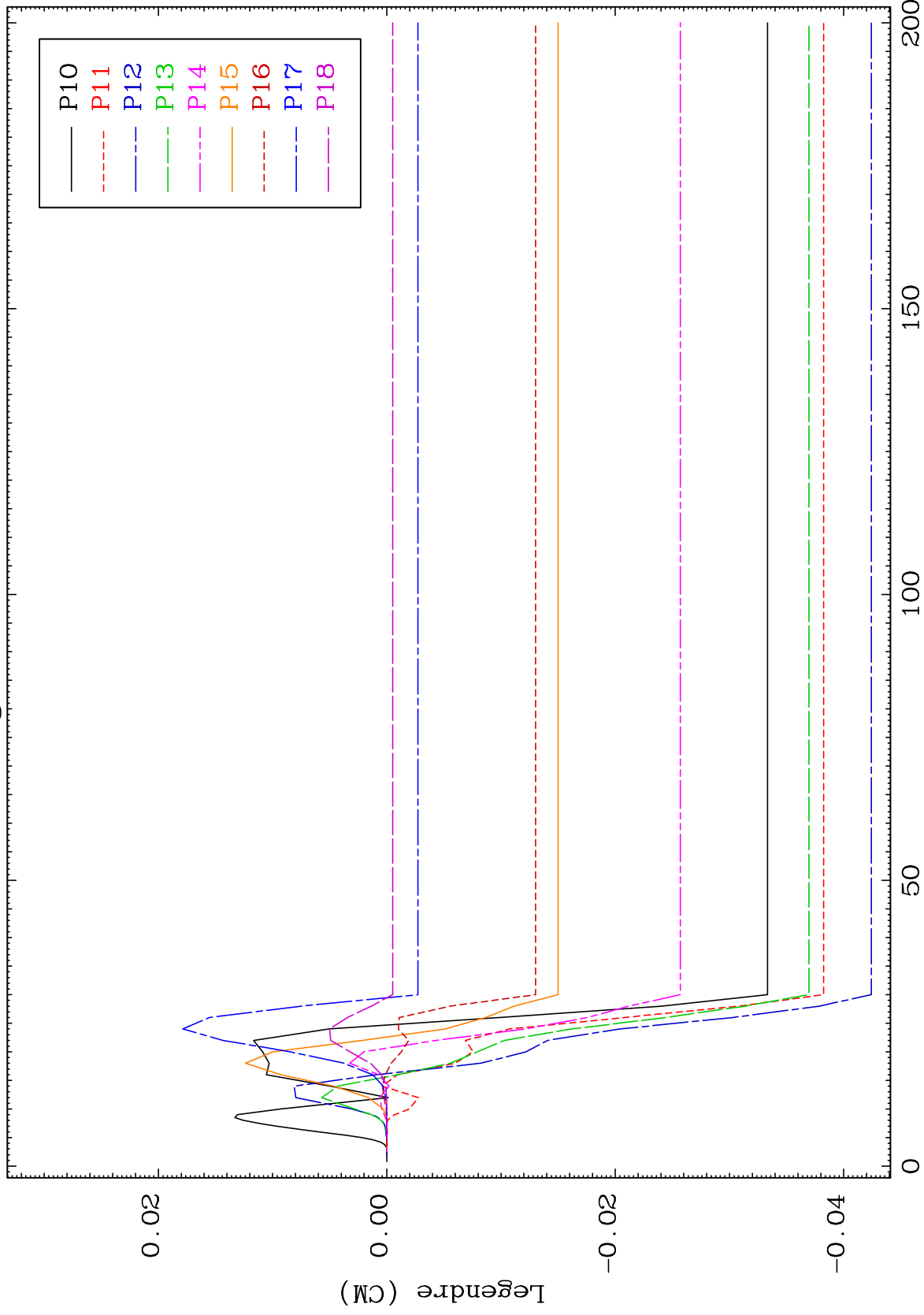




MAT 6998

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

70-Yb-159



41

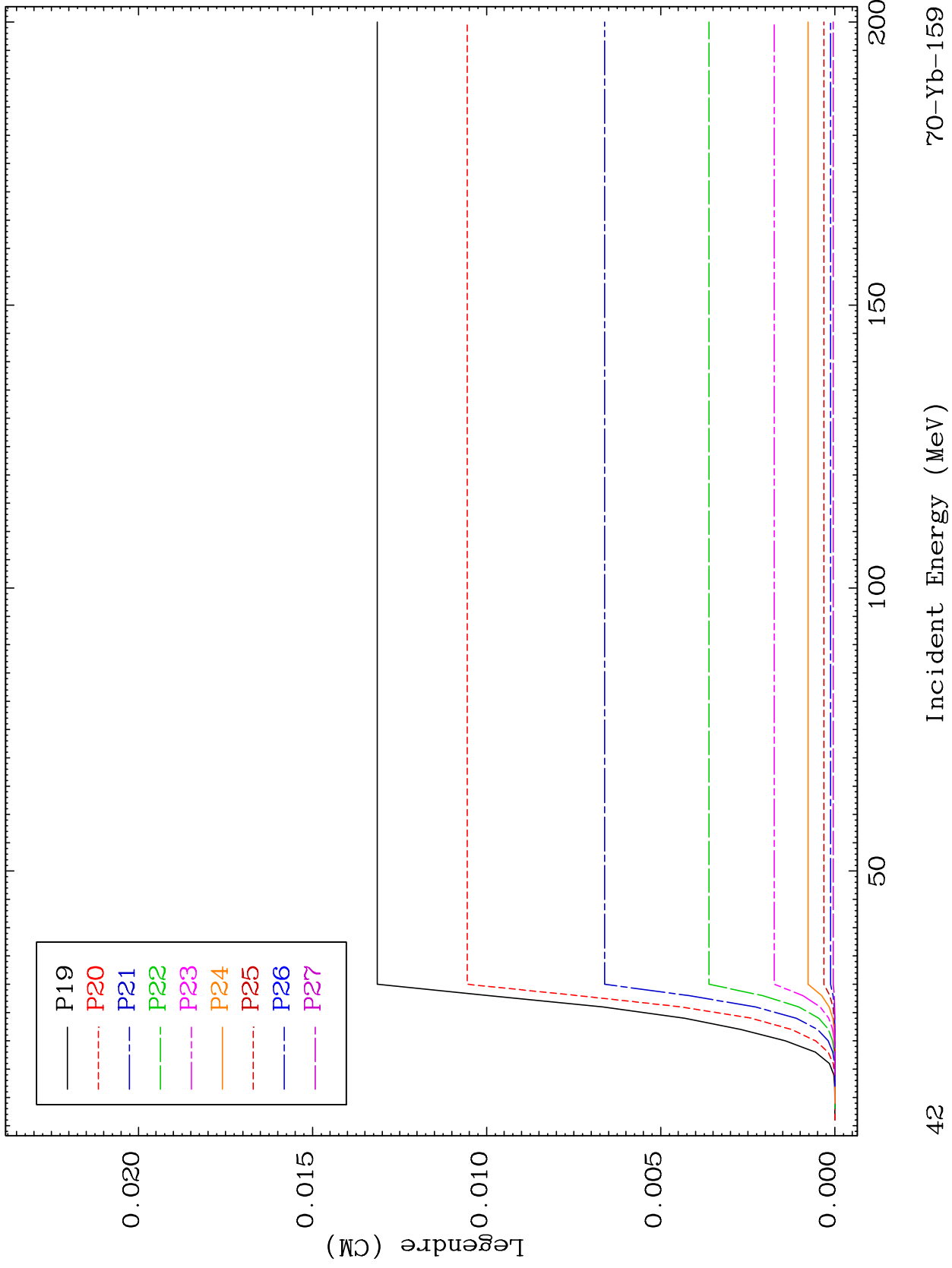
Incident Energy (MeV)

70-Yb-159

MAT 6998

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

70-Yb-159



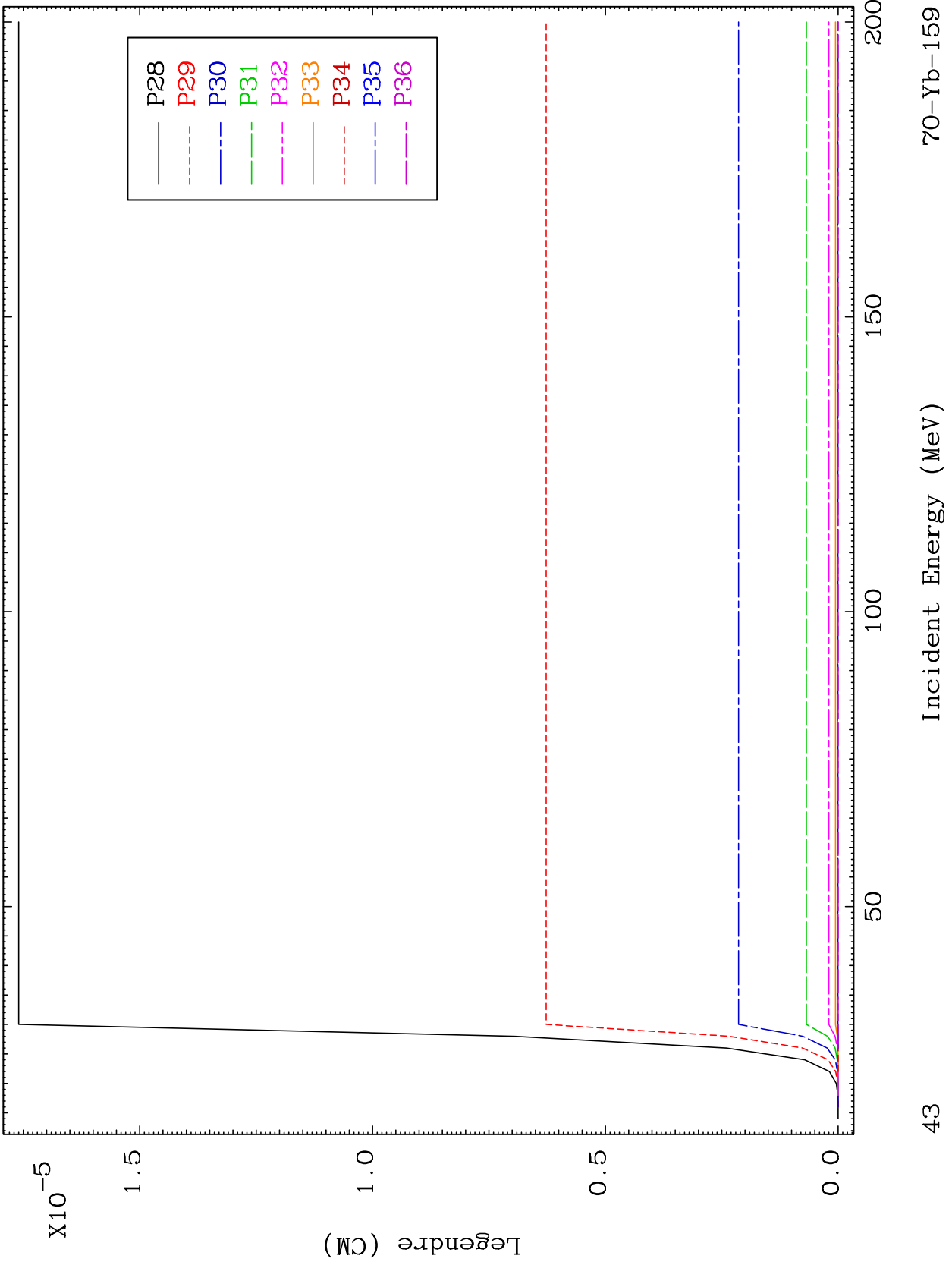
42

70-Yb-159

MAT 6998

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

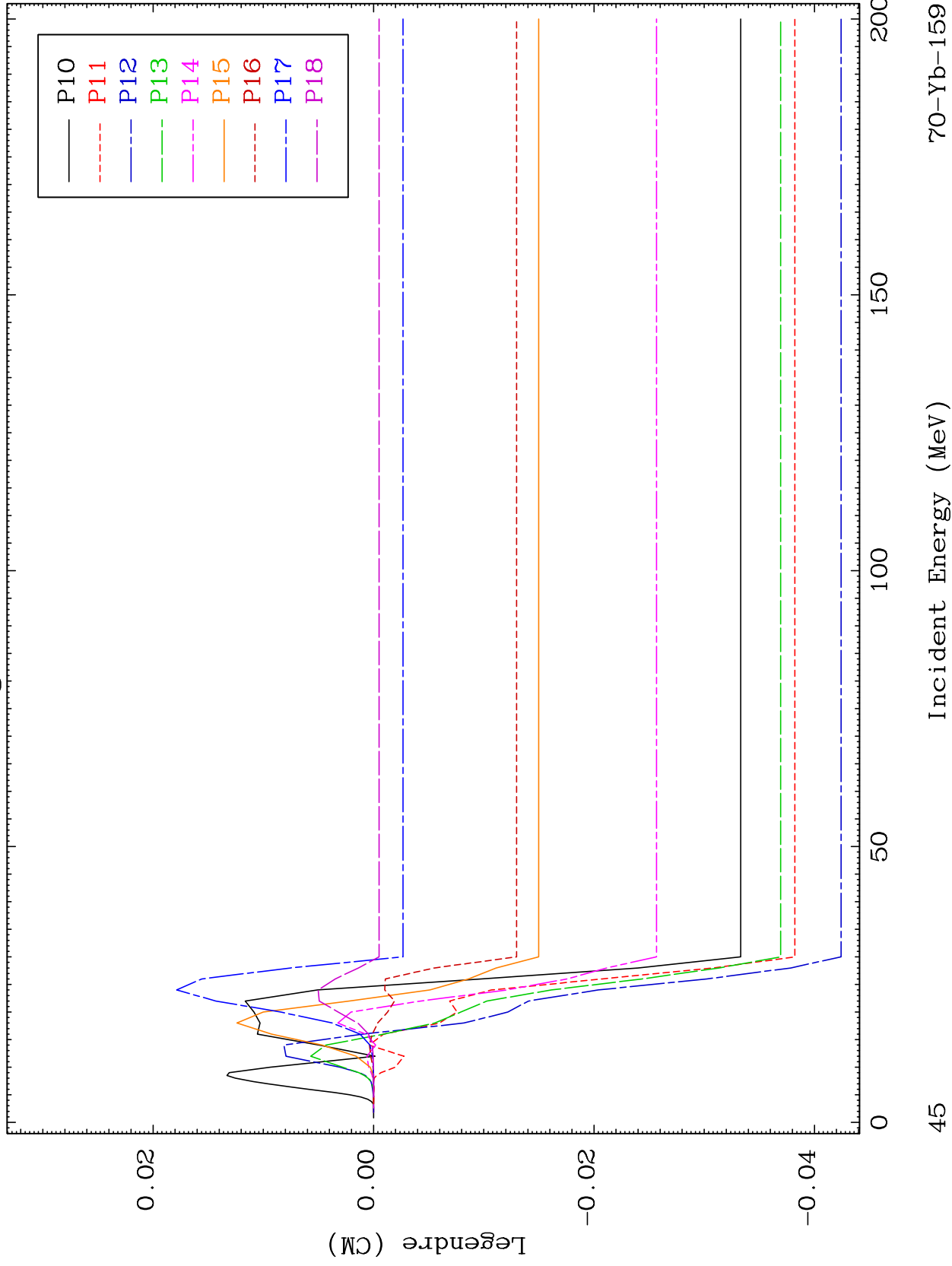
70-Yb-159



MAT 6998

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

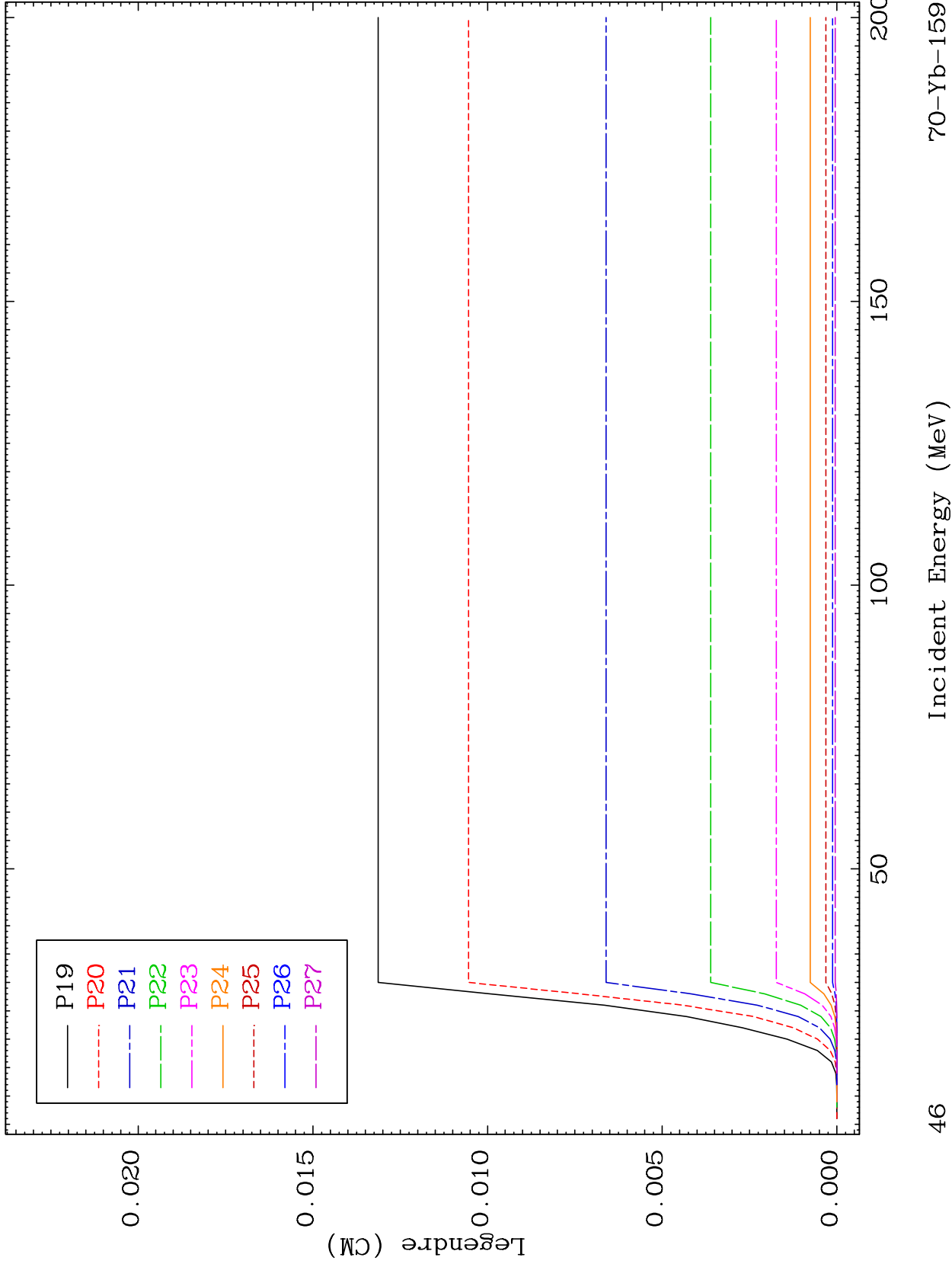
70-Yb-159



MAT 6998

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

70-Yb-159



46

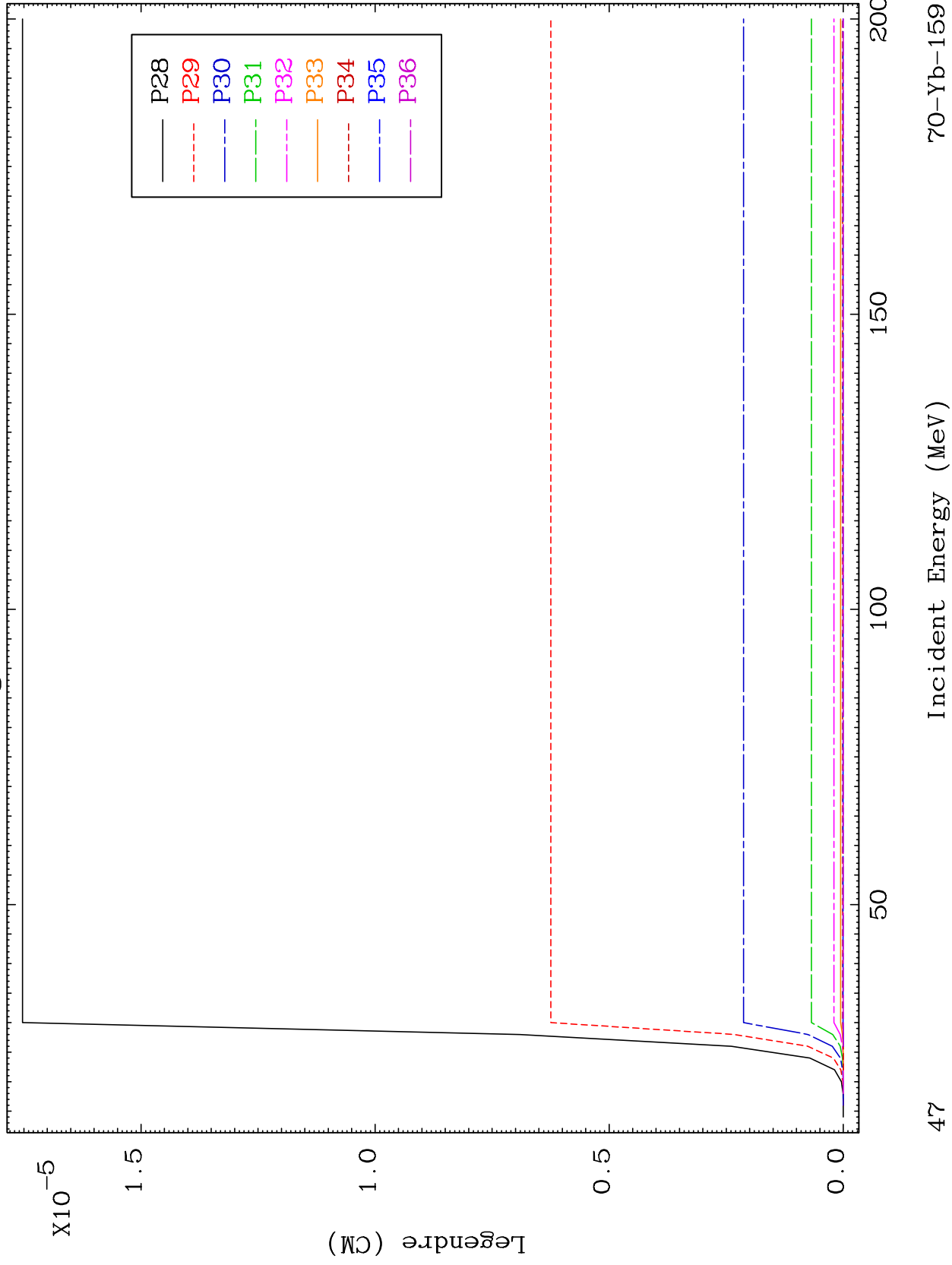
Incident Energy (MeV)

70-Yb-159

MAT 6998

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

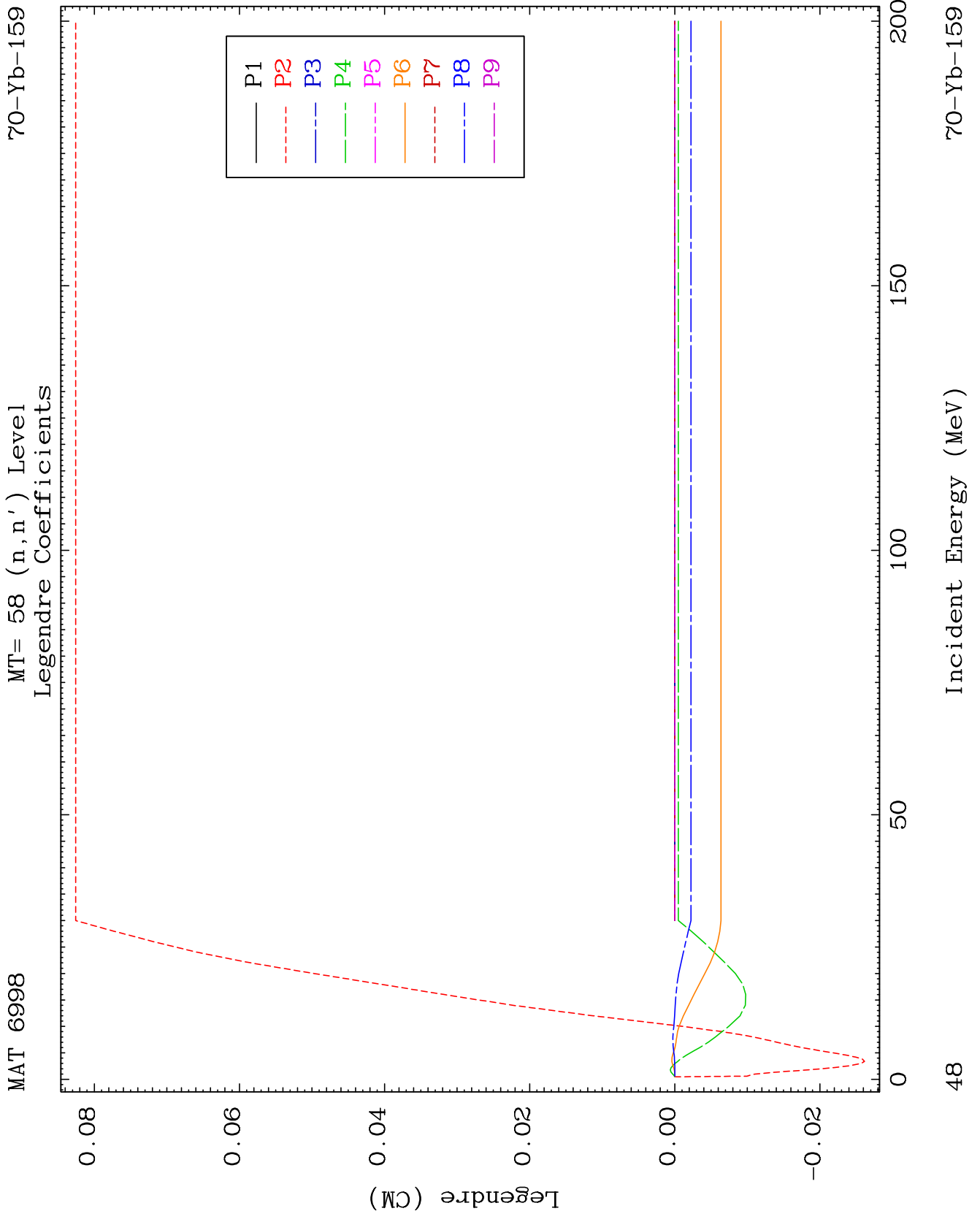
70-Yb-159



47

Incident Energy (MeV)

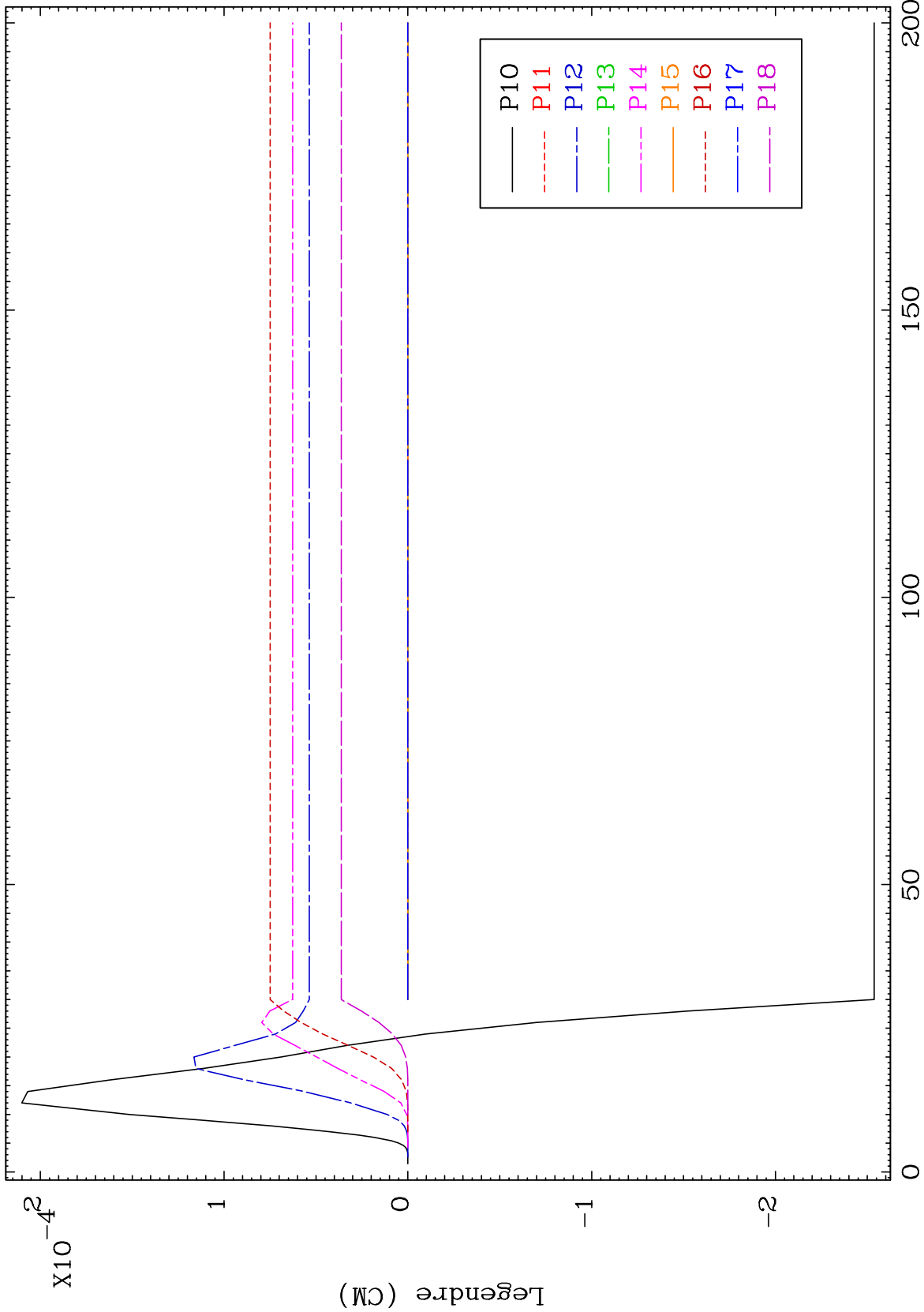
70-Yb-159



MAT 6998

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

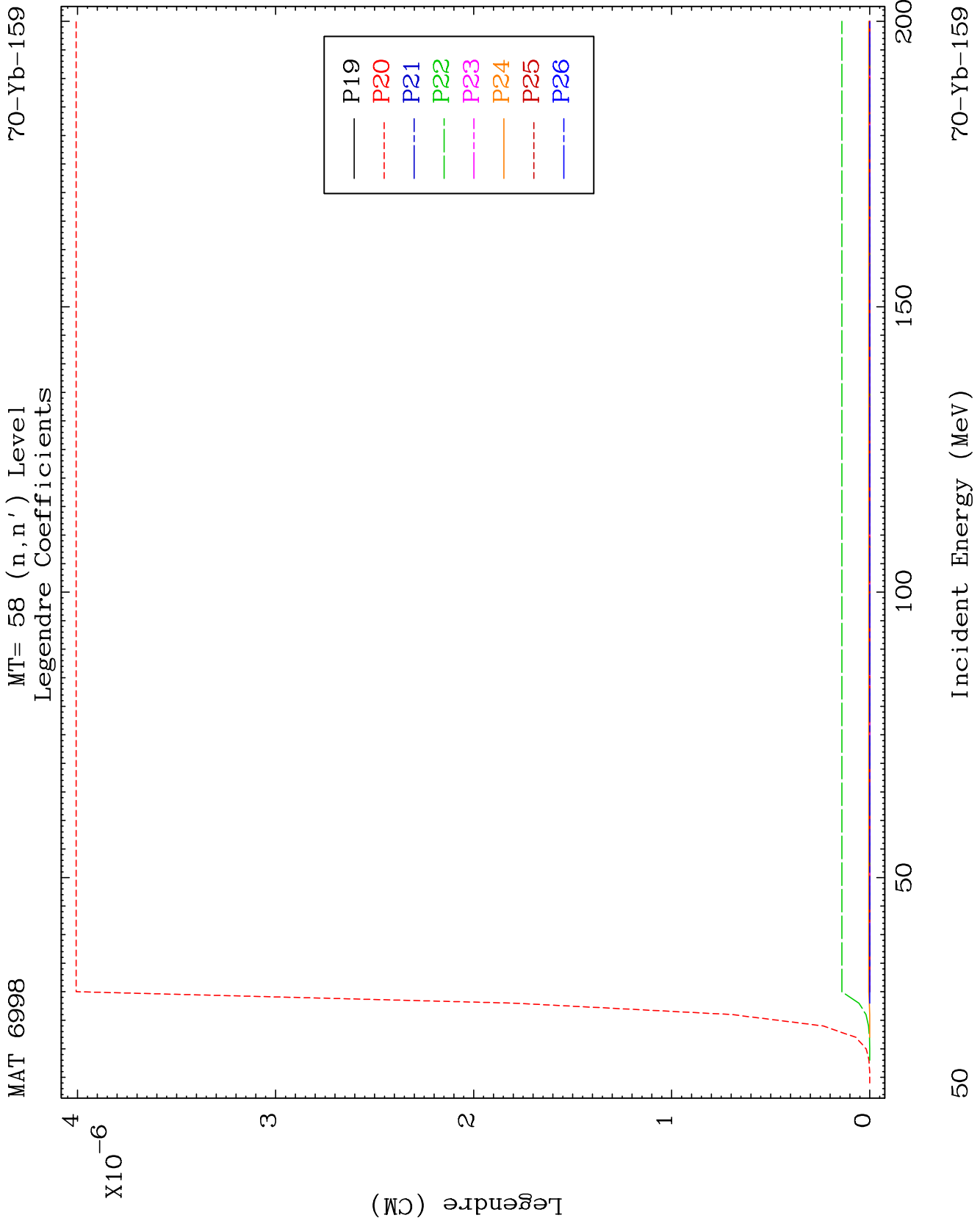
70-Yb-159



49

Incident Energy (MeV)

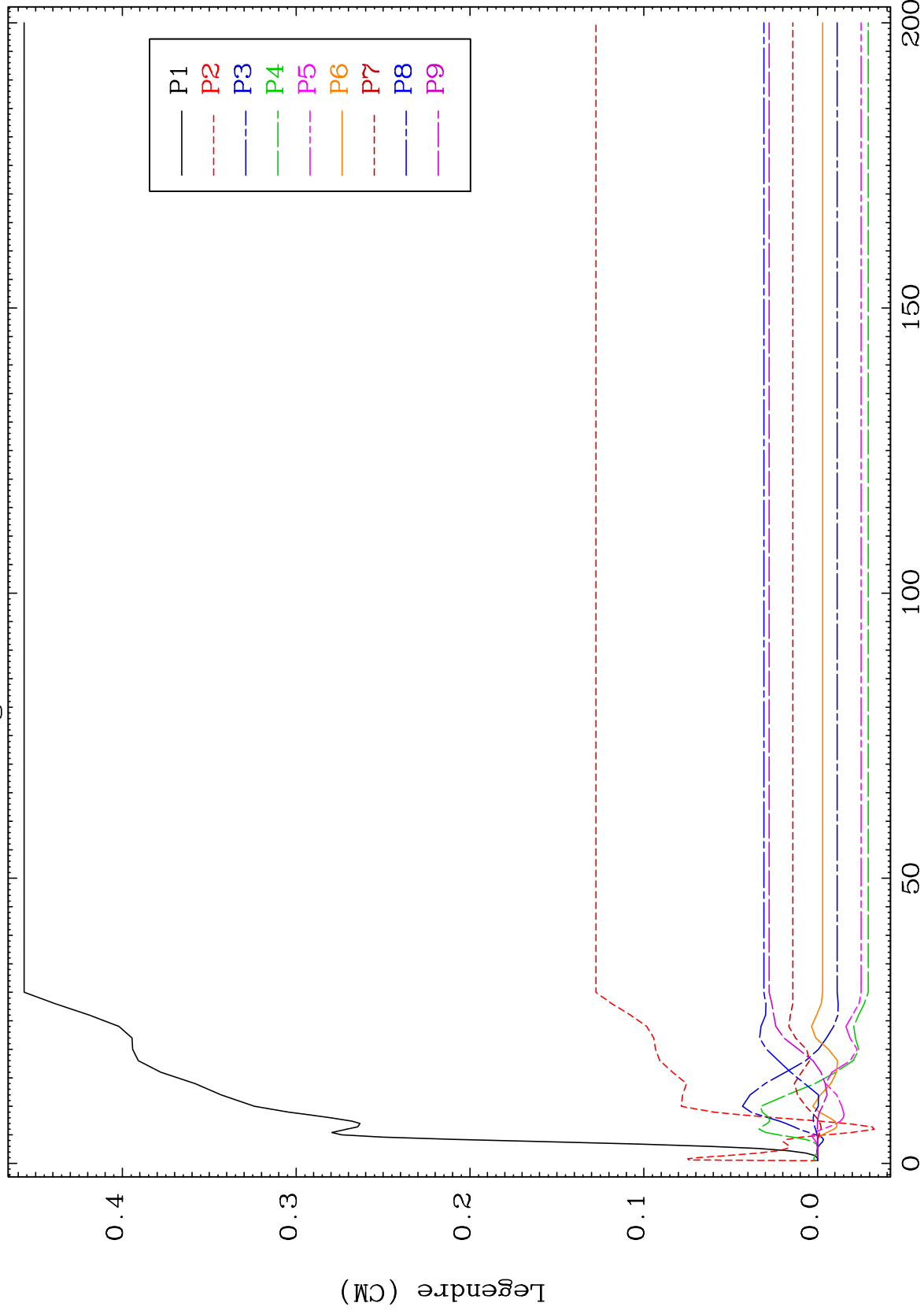
70-Yb-159



MAT 6998

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

70-Yb-159



51

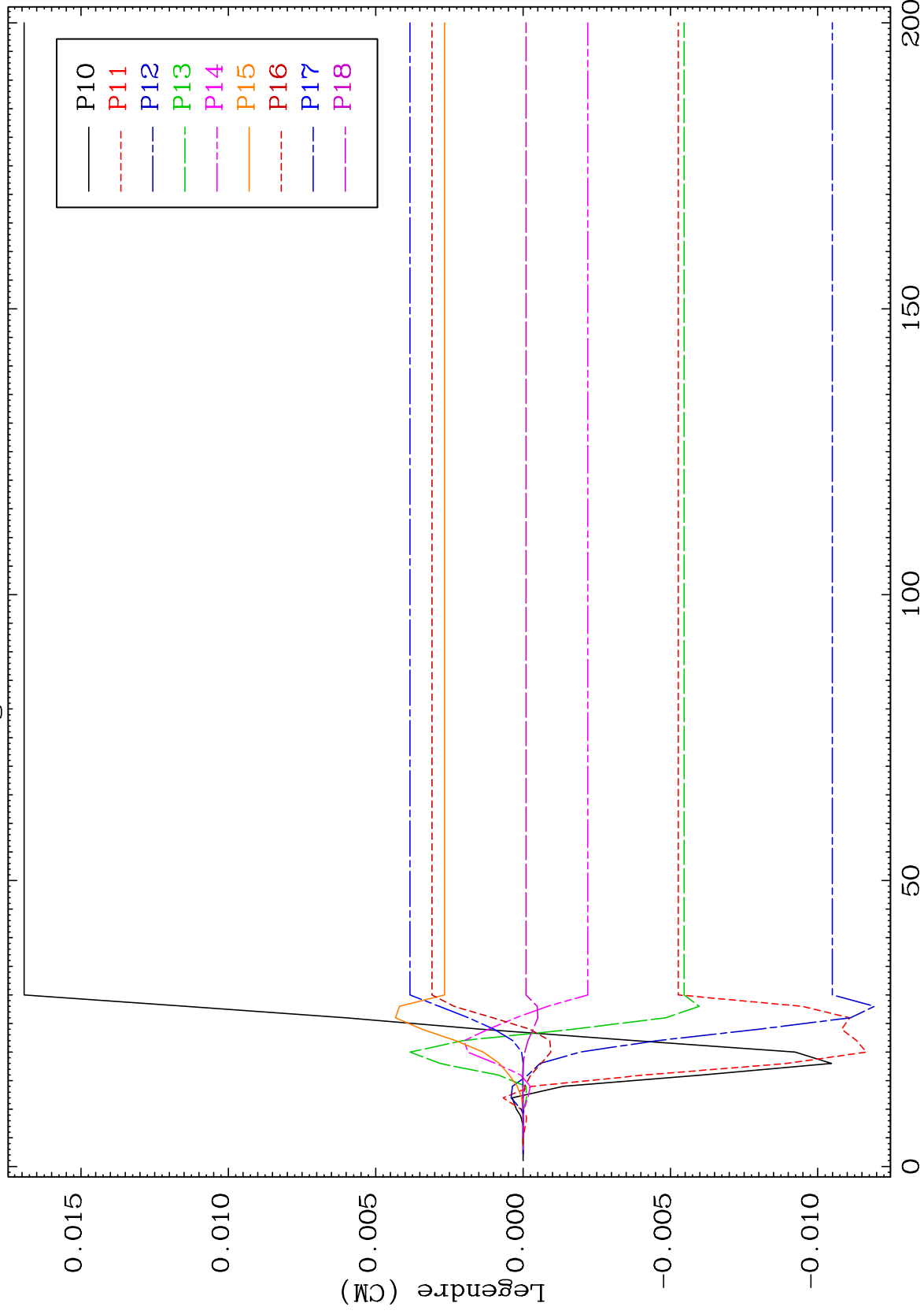
Incident Energy (MeV)

70-Yb-159

MAT 6998

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

70-Yb-159



52

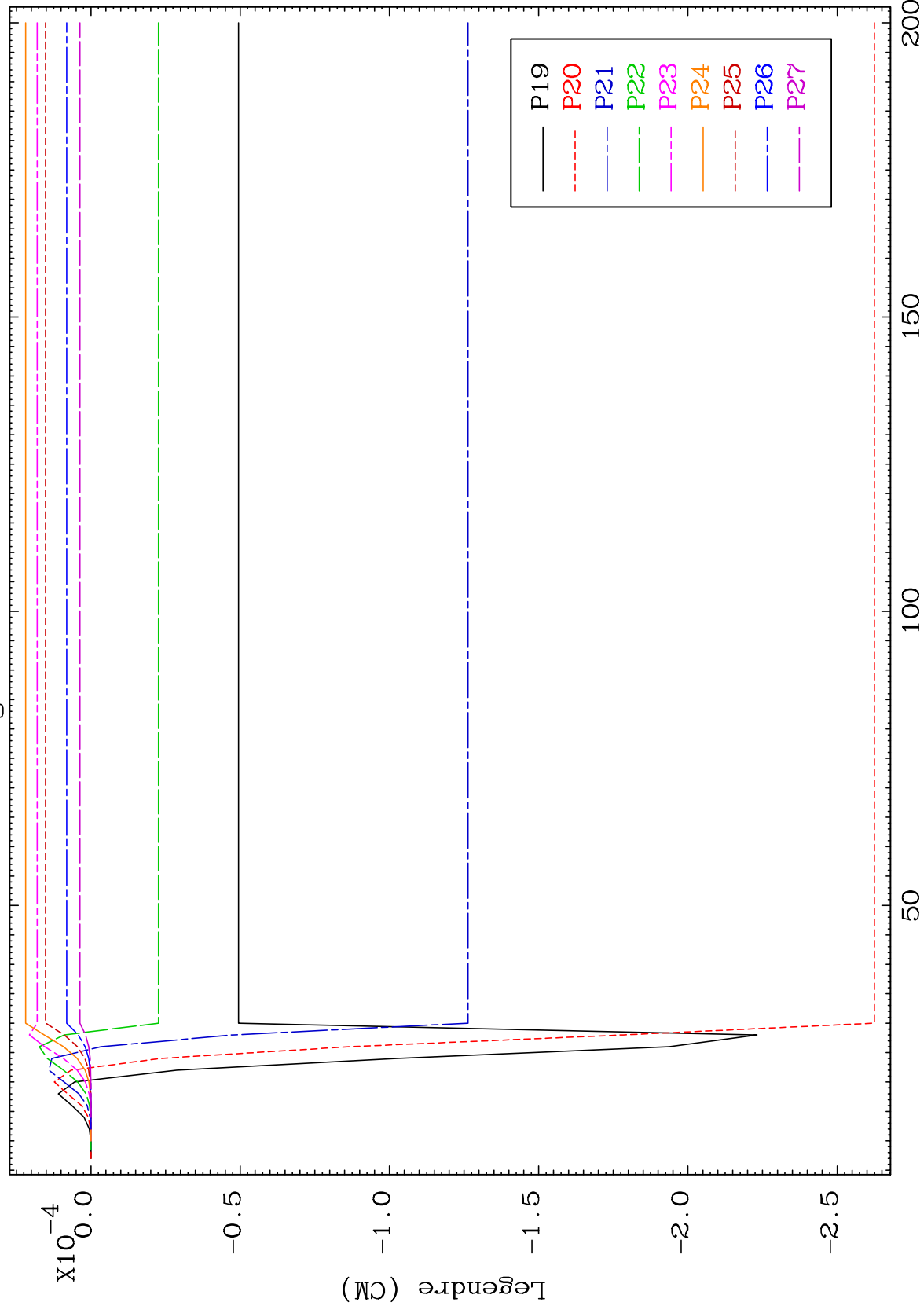
Incident Energy (MeV)

70-Yb-159

MAT 6998

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

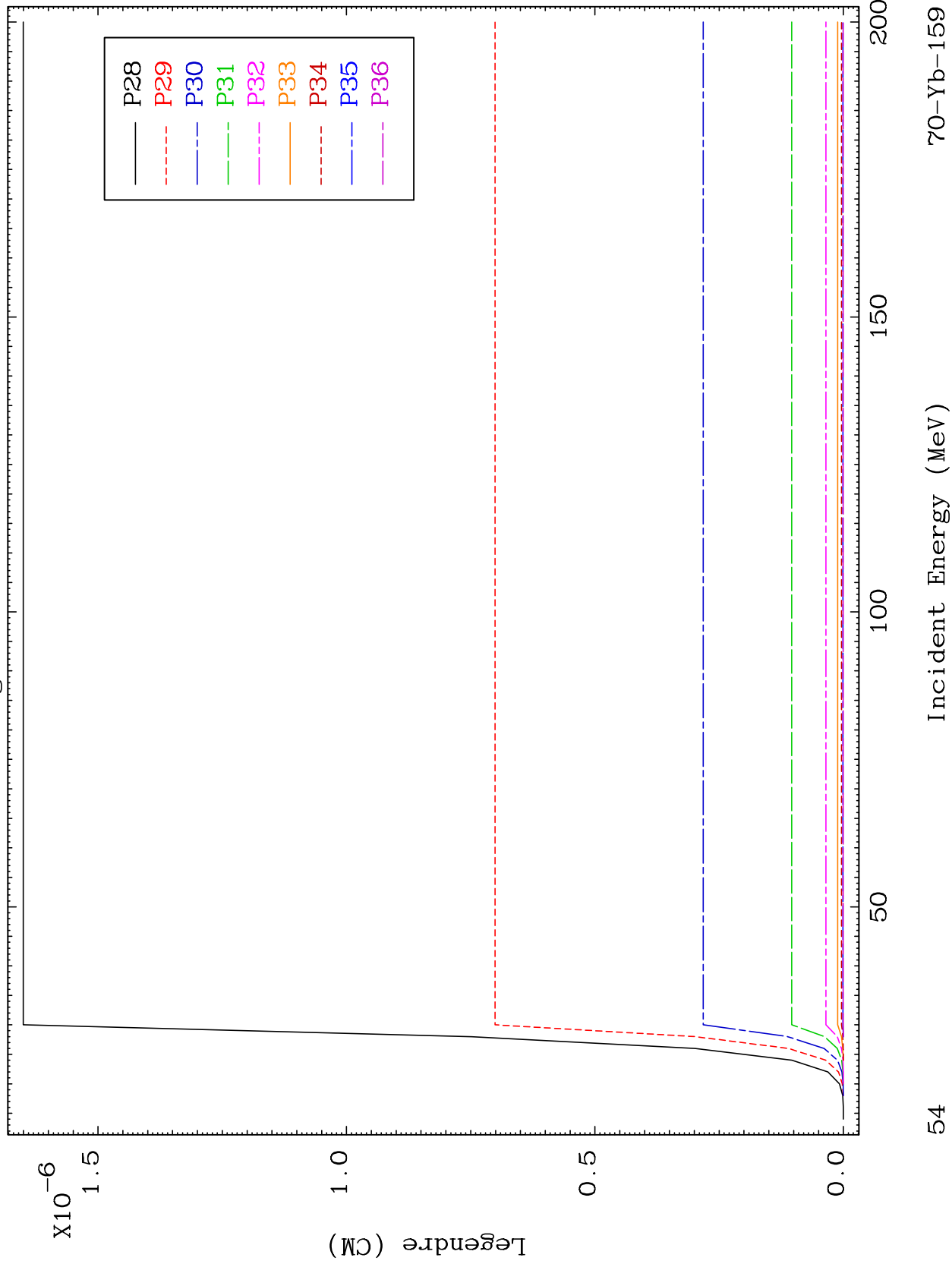
70-Yb-159



MAT 6998

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

70-Yb-159



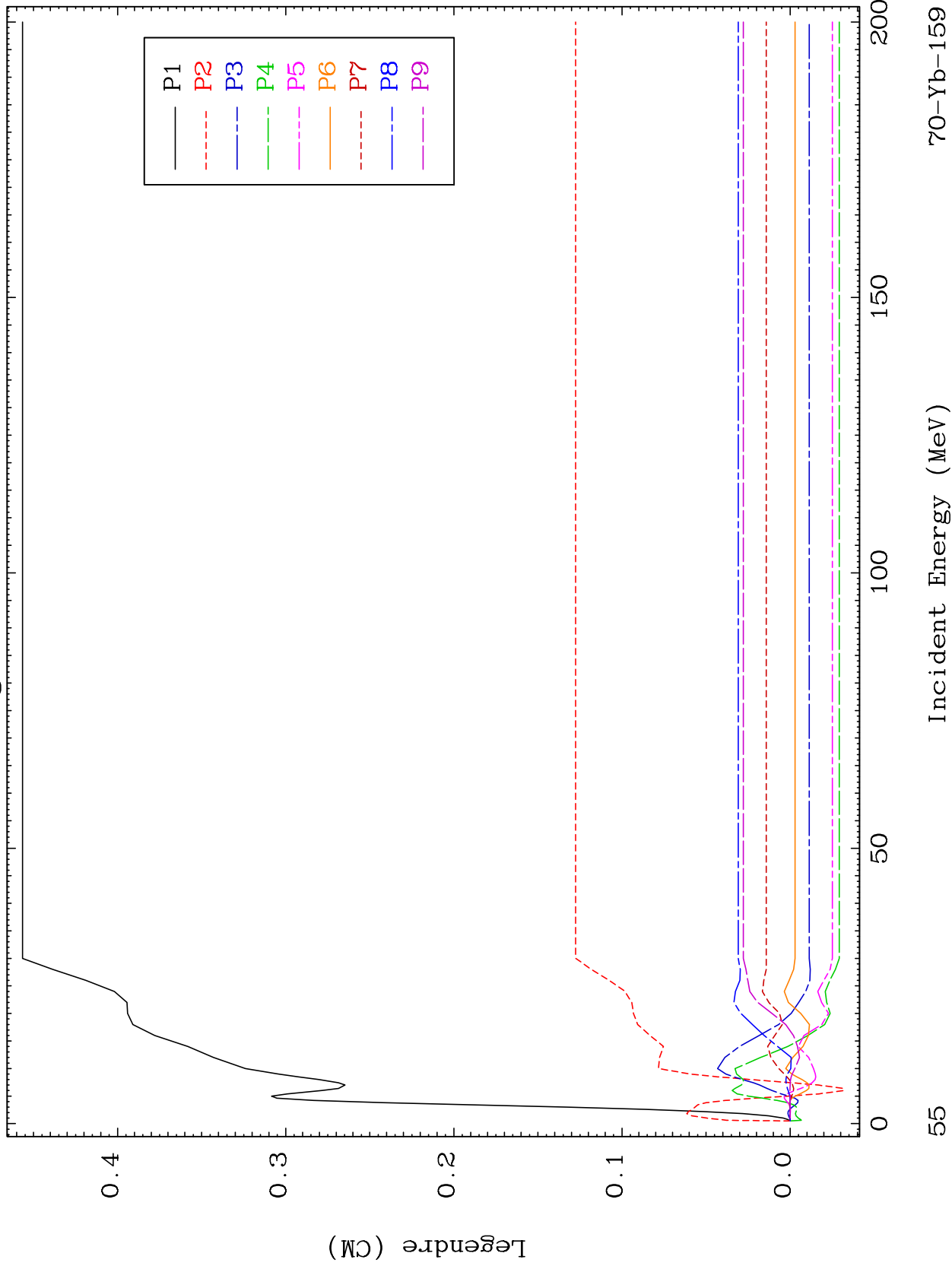
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70-Yb-159

MAT 6998

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

70-Yb-159



70-Yb-159

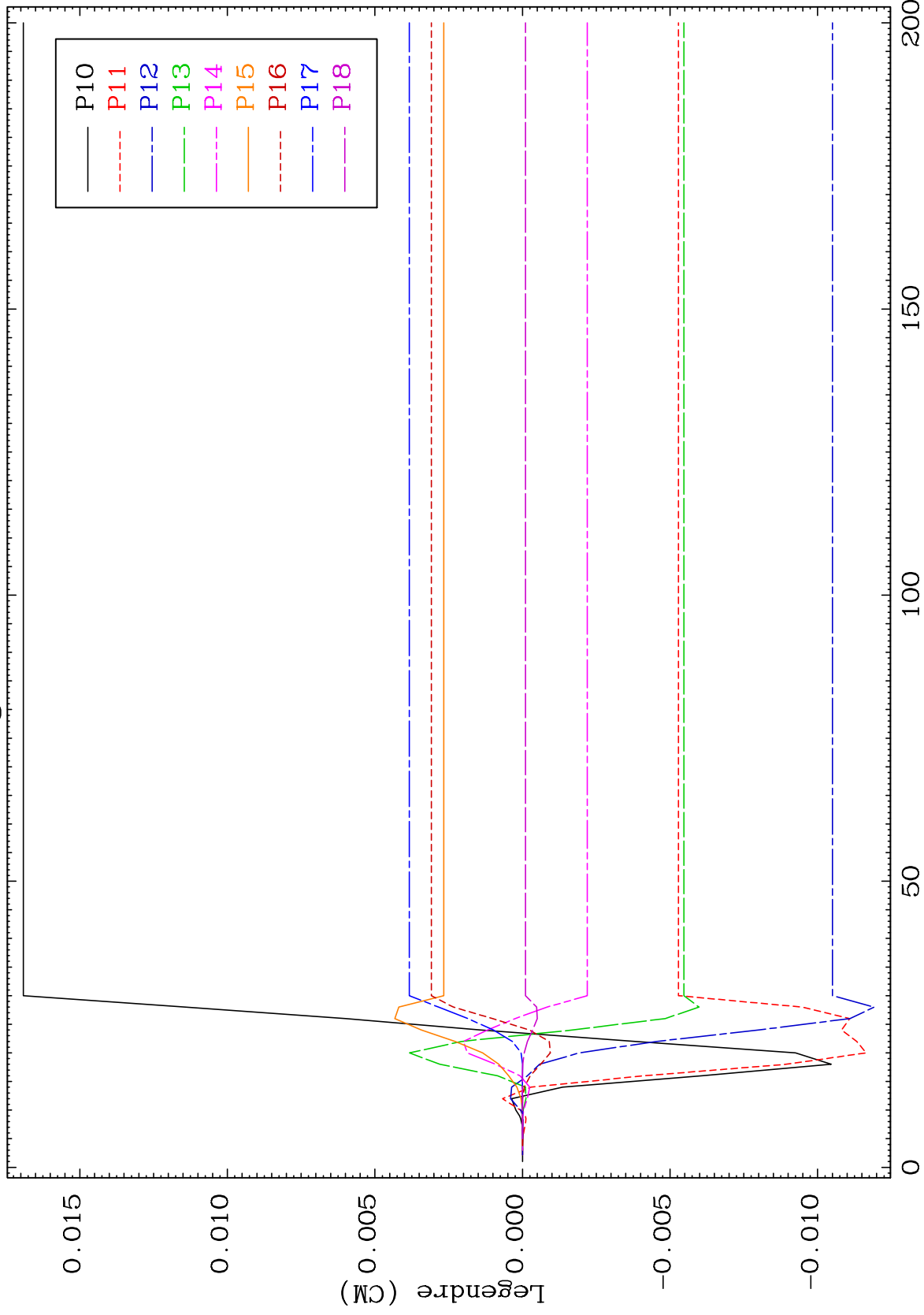
Incident Energy (MeV)

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MAT 6998

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

70-Yb-159



56

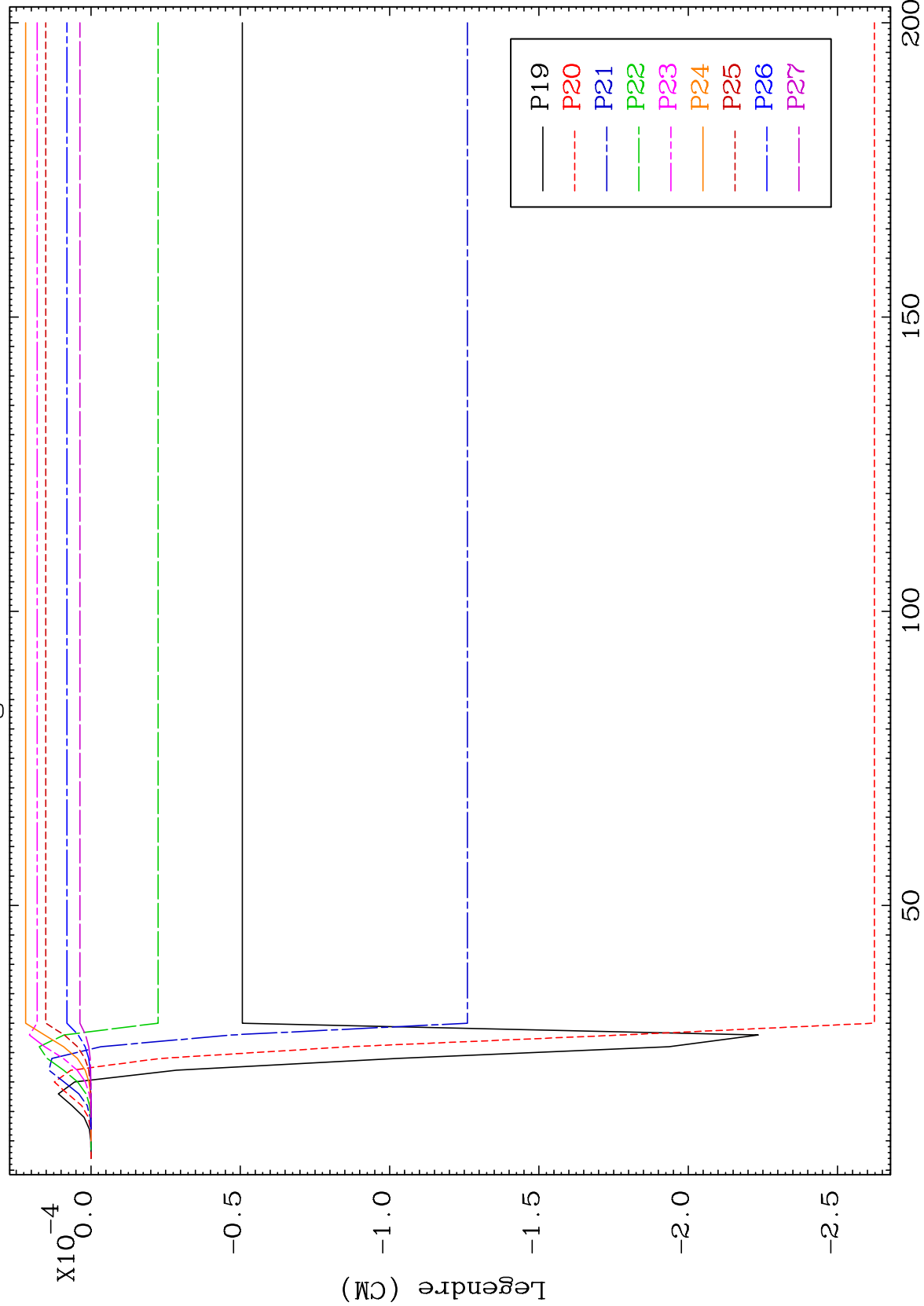
Incident Energy (MeV)

70-Yb-159

MAT 6998

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

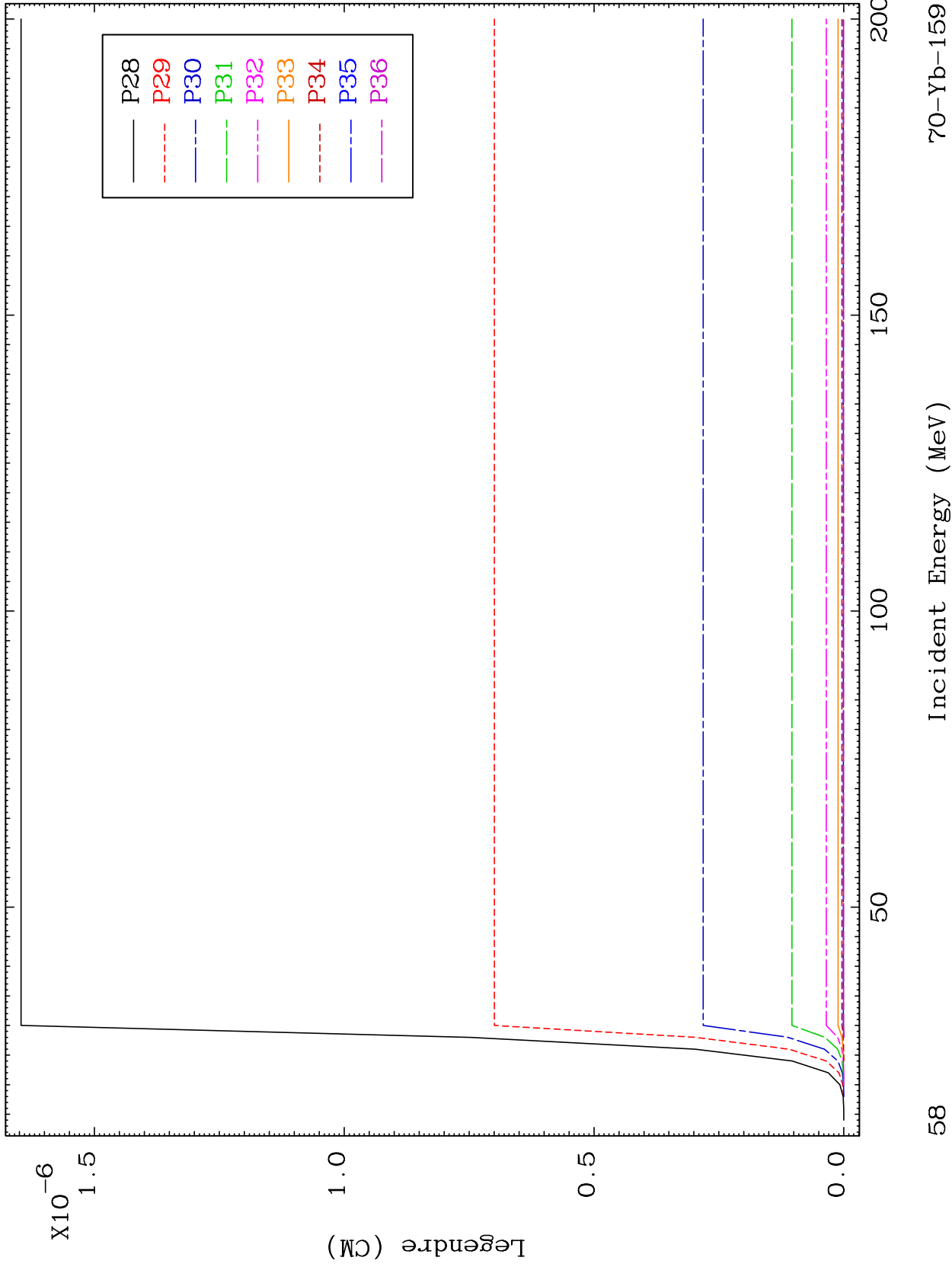
70-Yb-159



MAT 6998

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

70-Yb-159



58

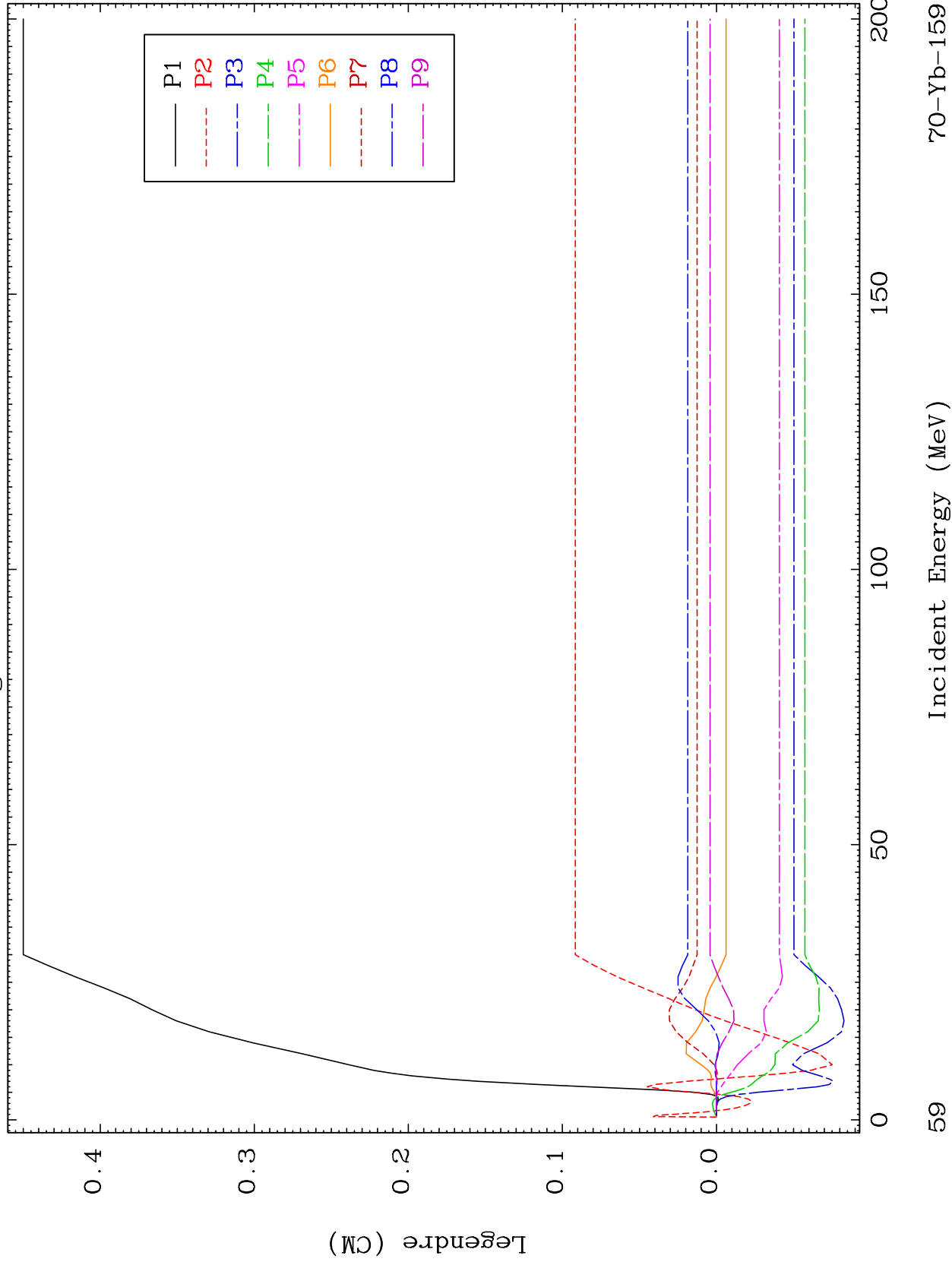
Incident Energy (MeV)

70-Yb-159

MAT 6998

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

70-Yb-159



70-Yb-159

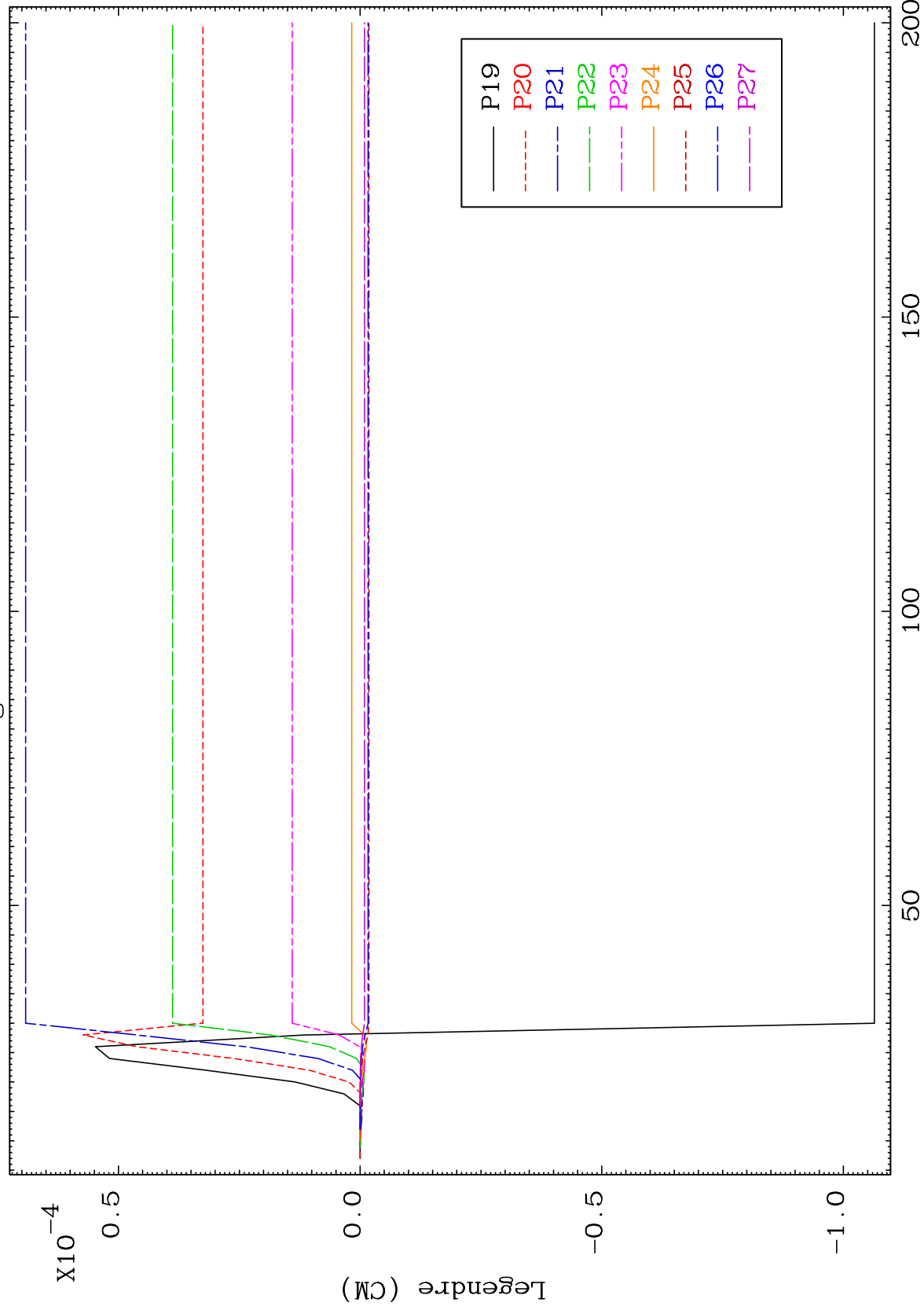
Incident Energy (MeV)

59

MAT 6998

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

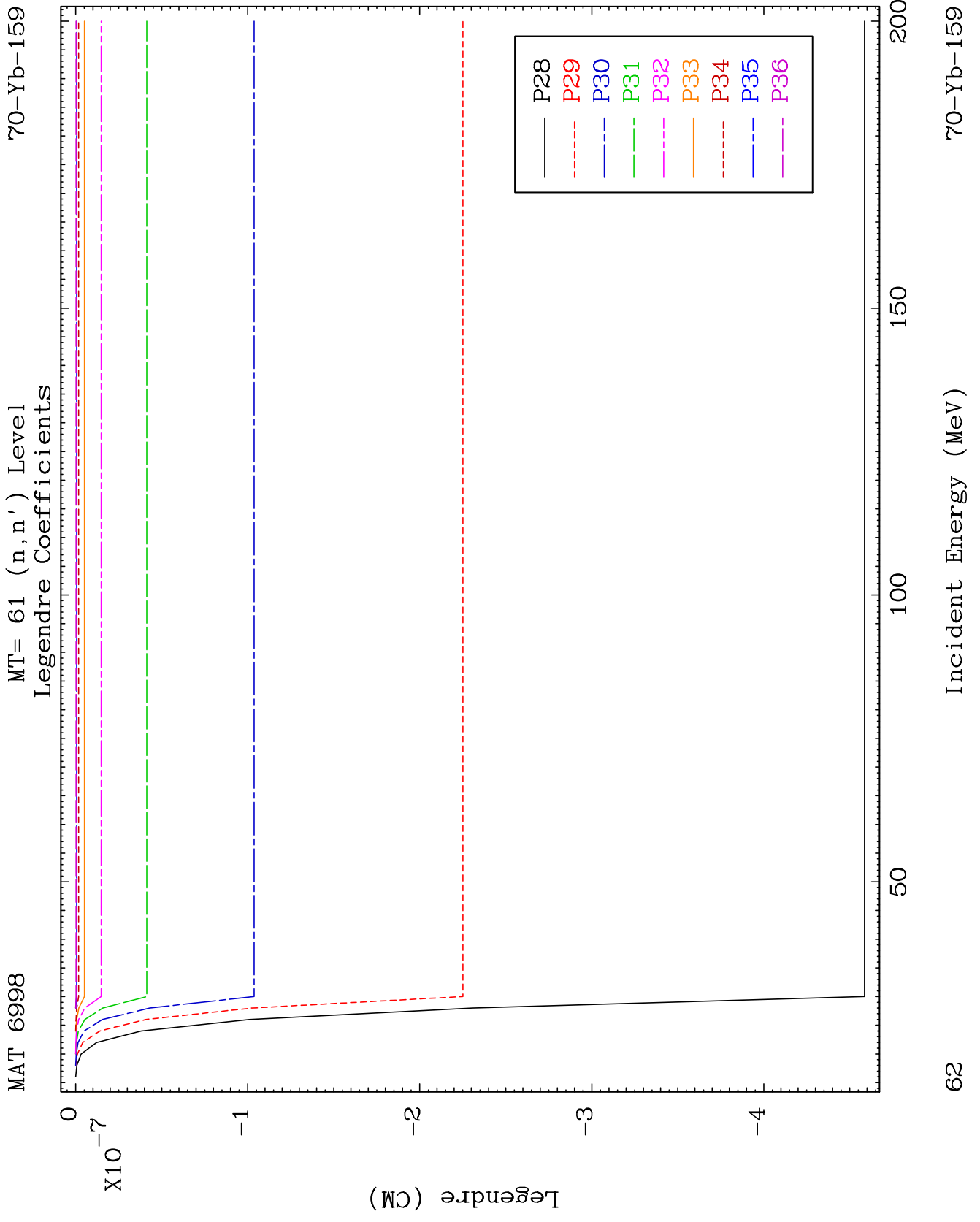
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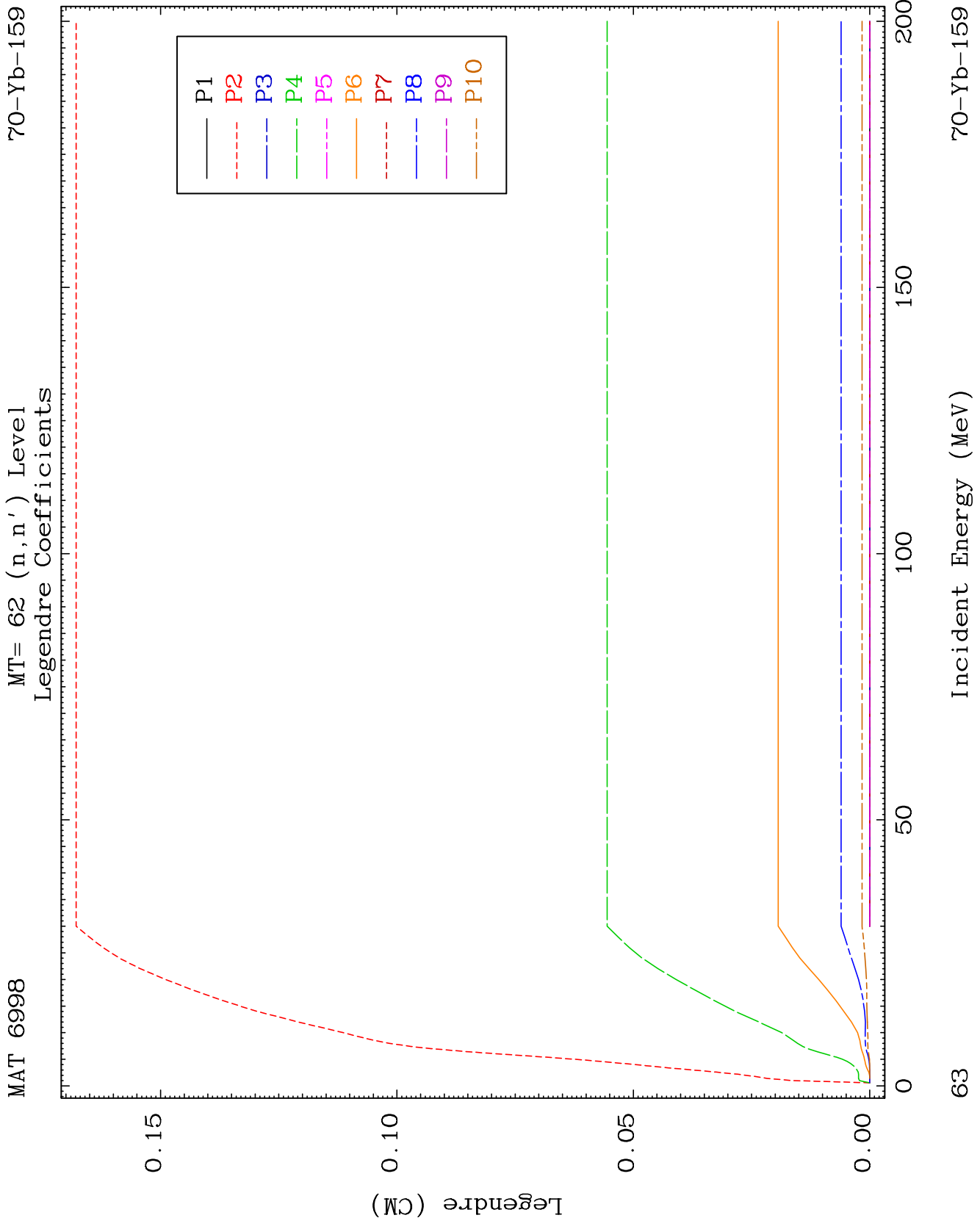


61

Incident Energy (MeV)

70-Yb-159

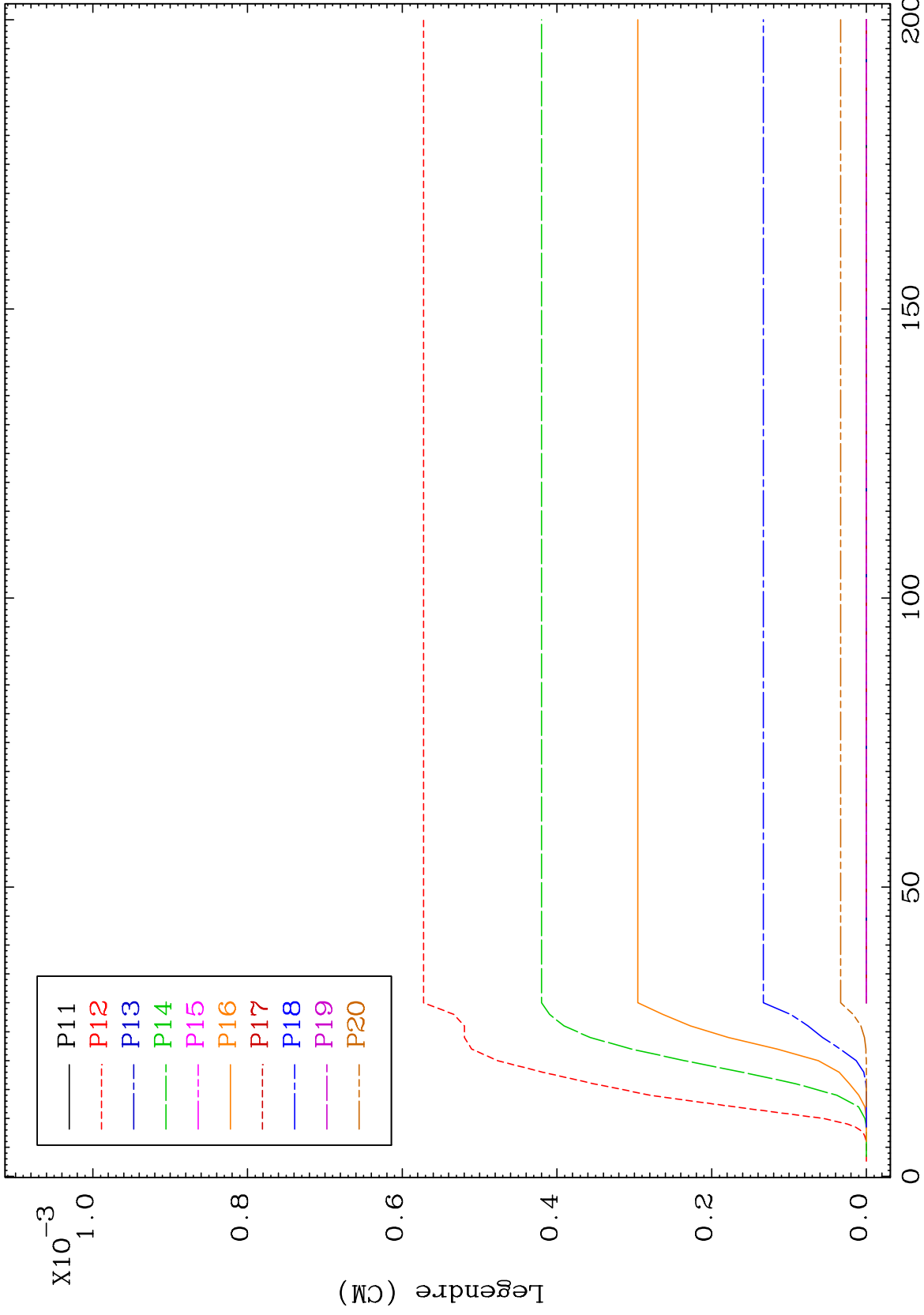




MAT 6998

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

70-Yb-159



64

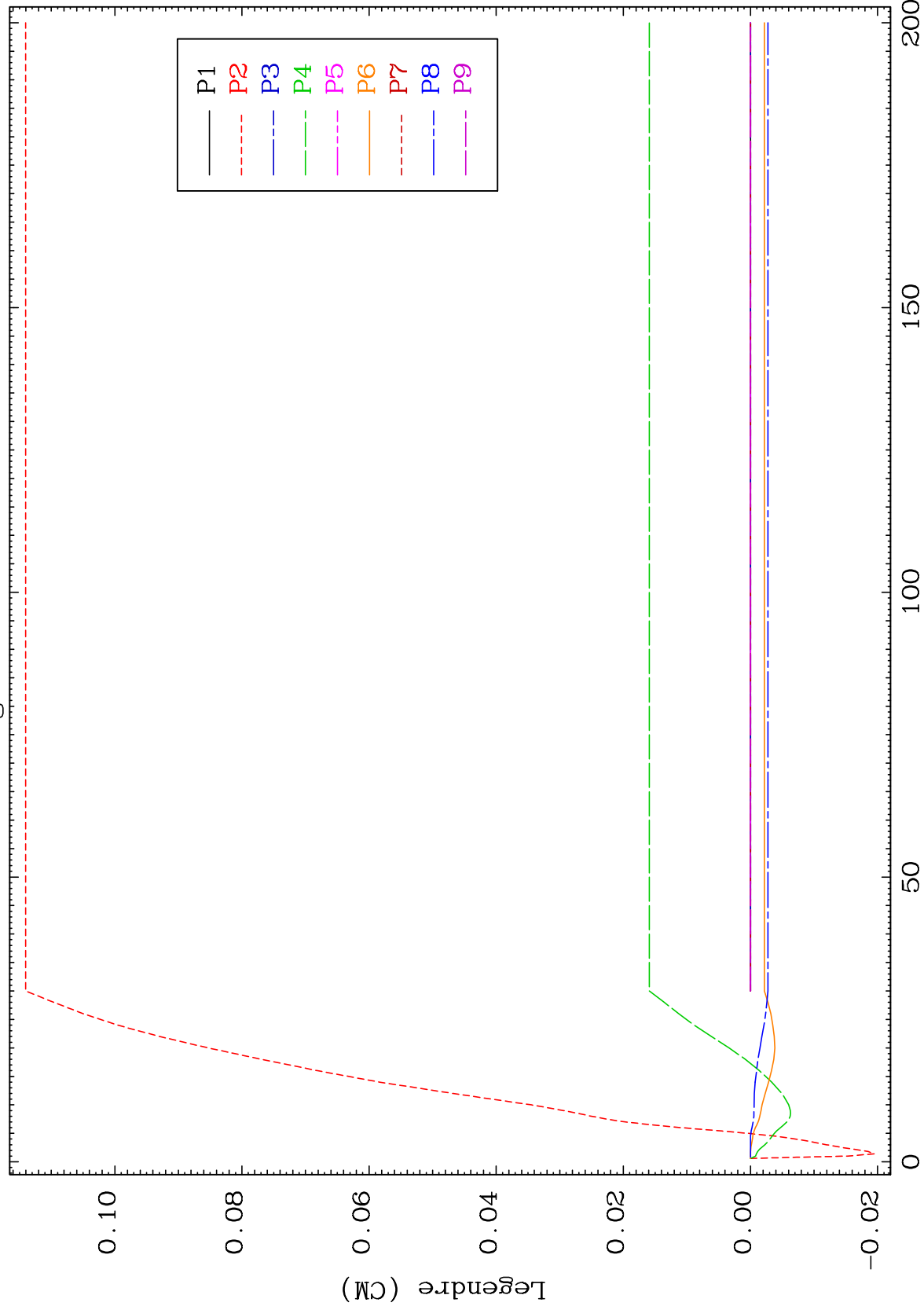
Incident Energy (MeV)

70-Yb-159

MAT 6998

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

70-Yb-159



66

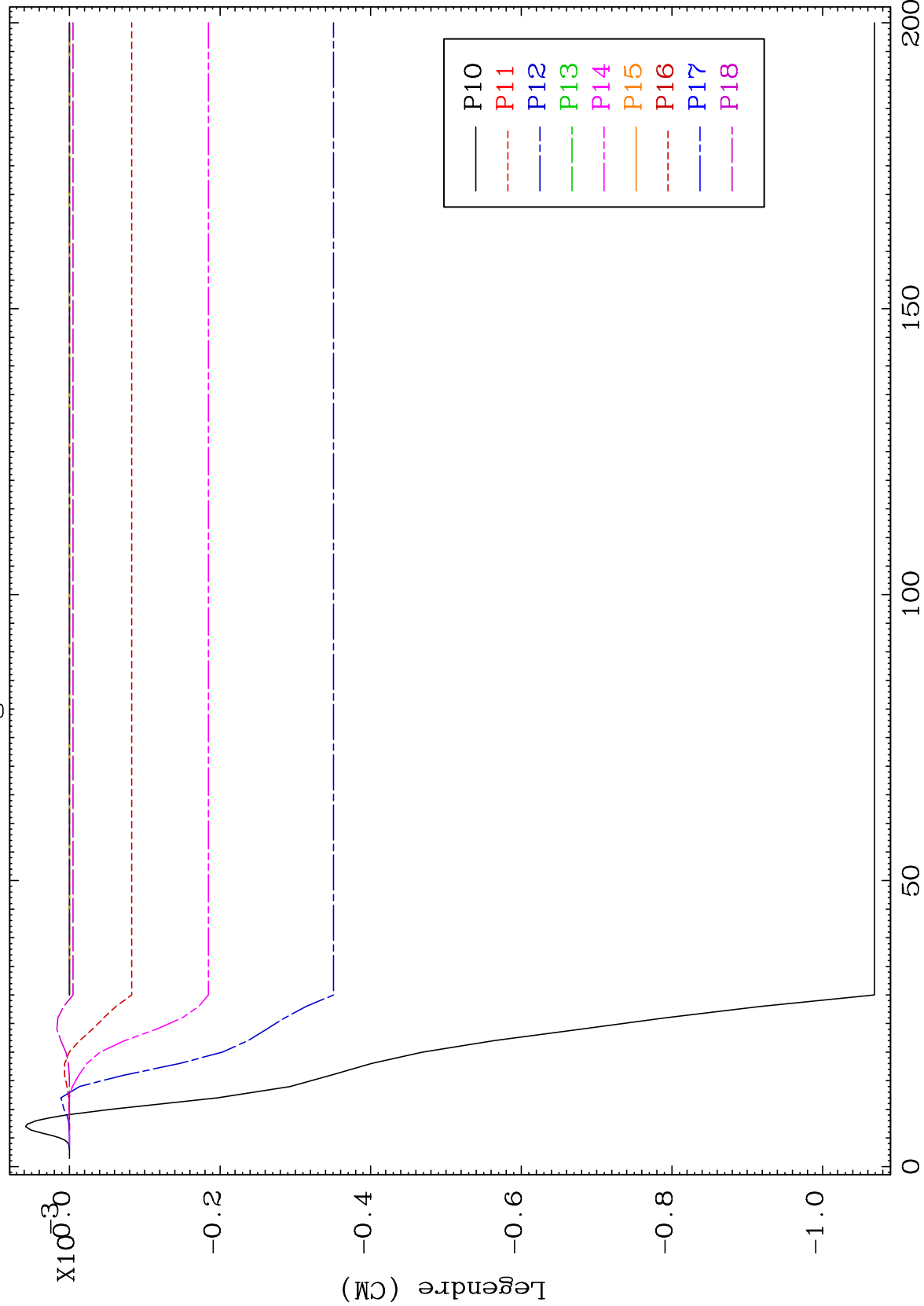
Incident Energy (MeV)

70-Yb-159

MAT 6998

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

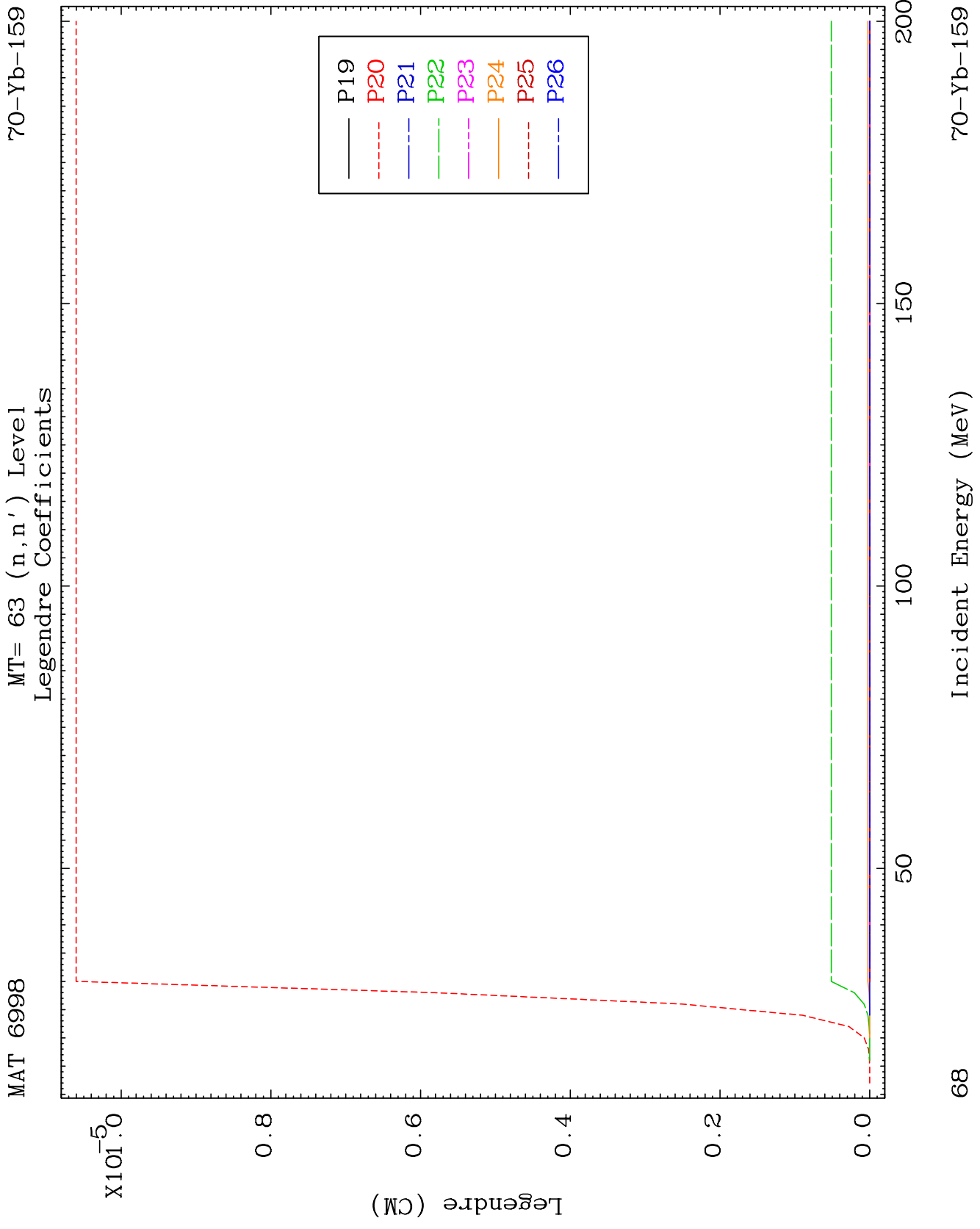
70-Yb-159



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Incident Energy (MeV)

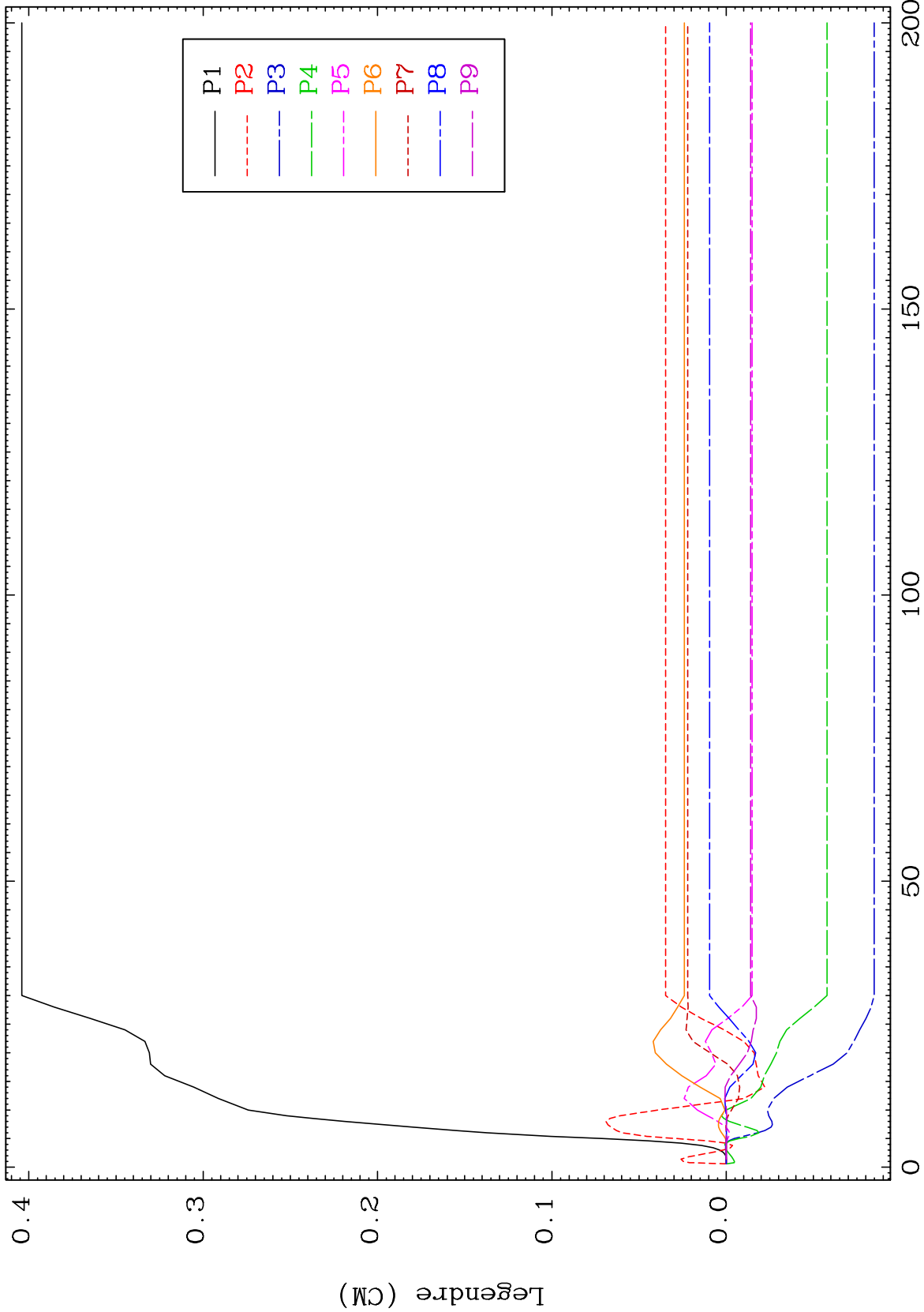
70-Yb-159



MAT 6998

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

70-Yb-159



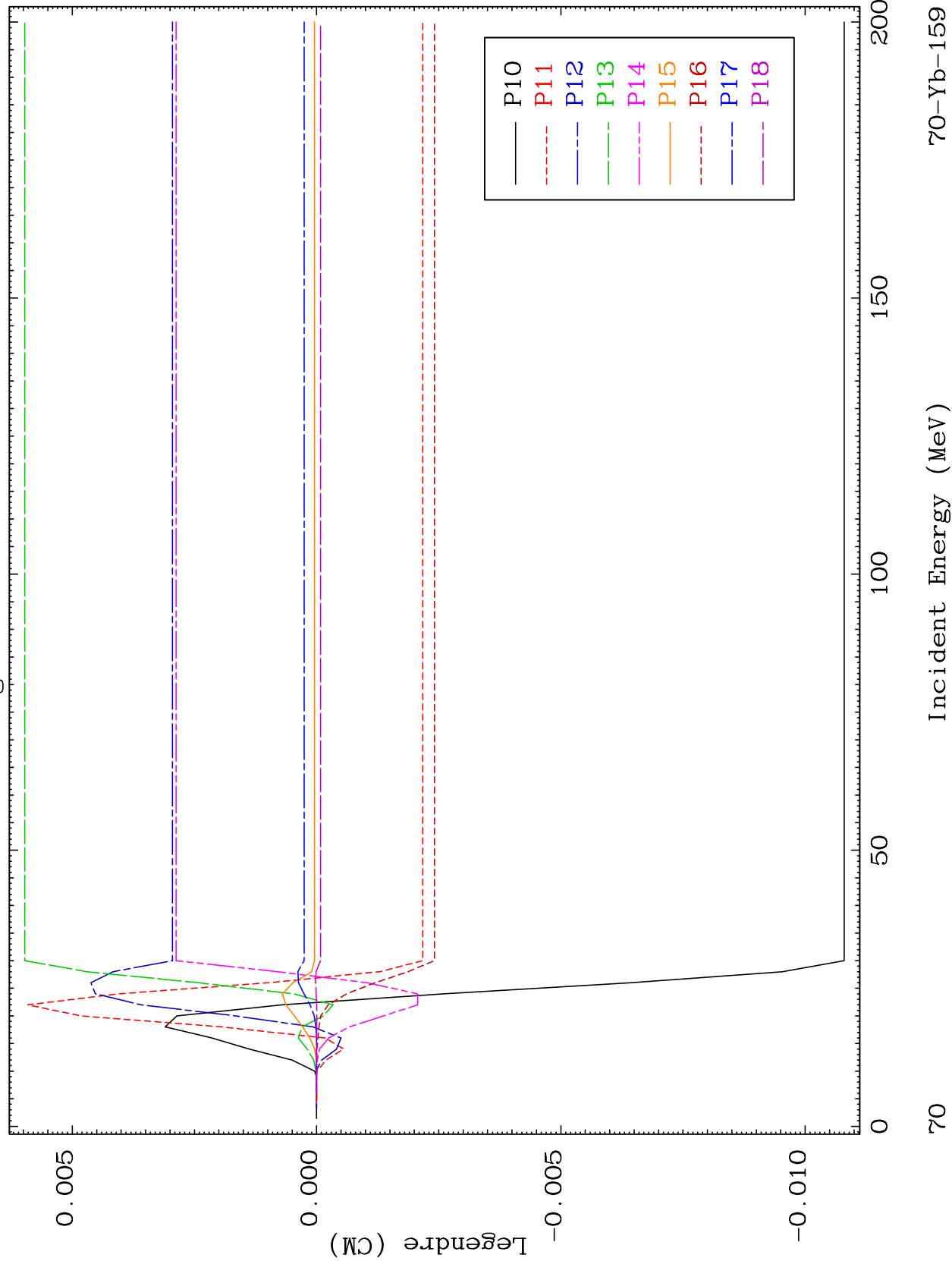
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70-Yb-159

MAT 6998

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

70-Yb-159



70-Yb-159

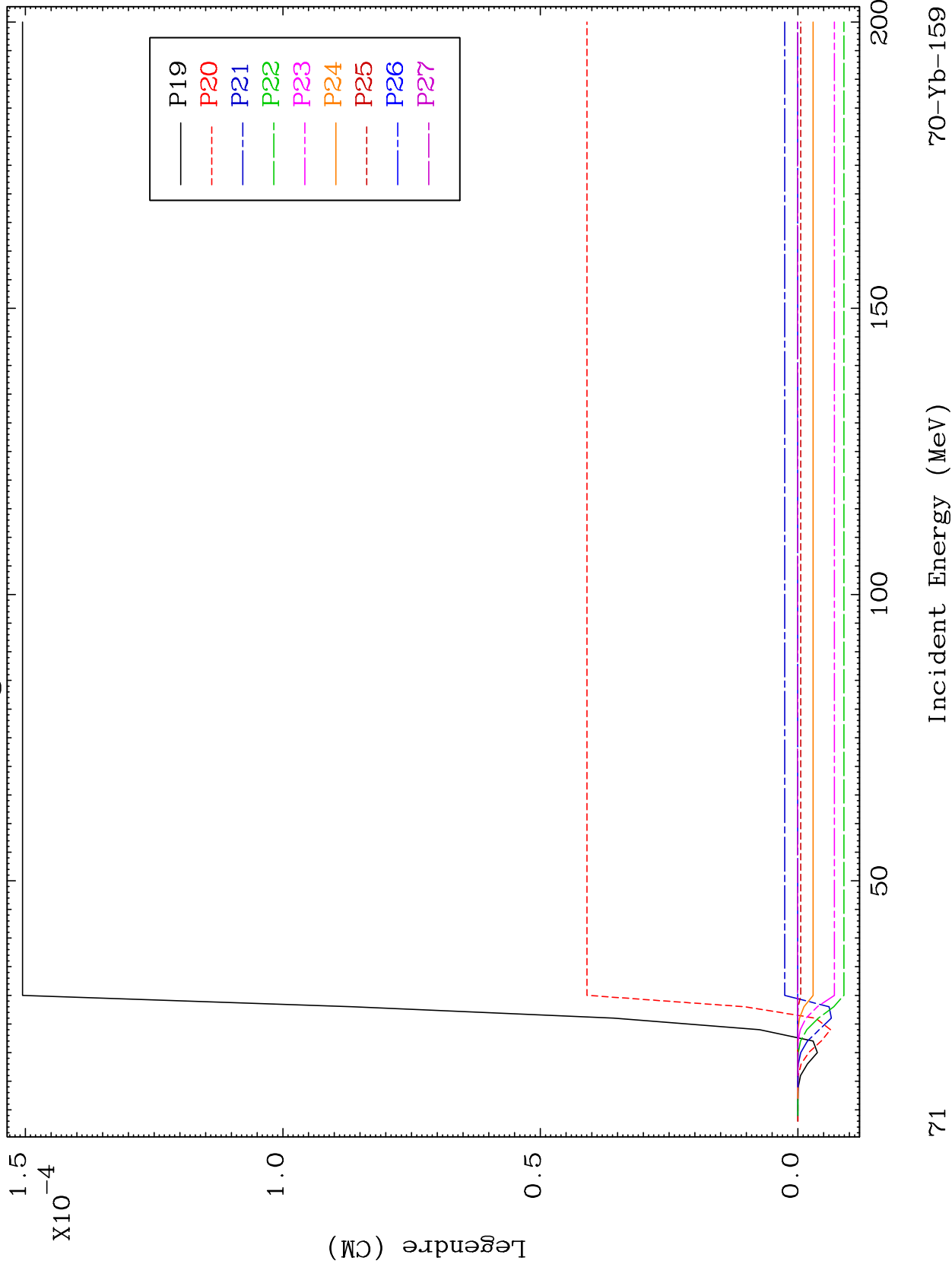
Incident Energy (MeV)

70

MAT 6998

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

70-Yb-159

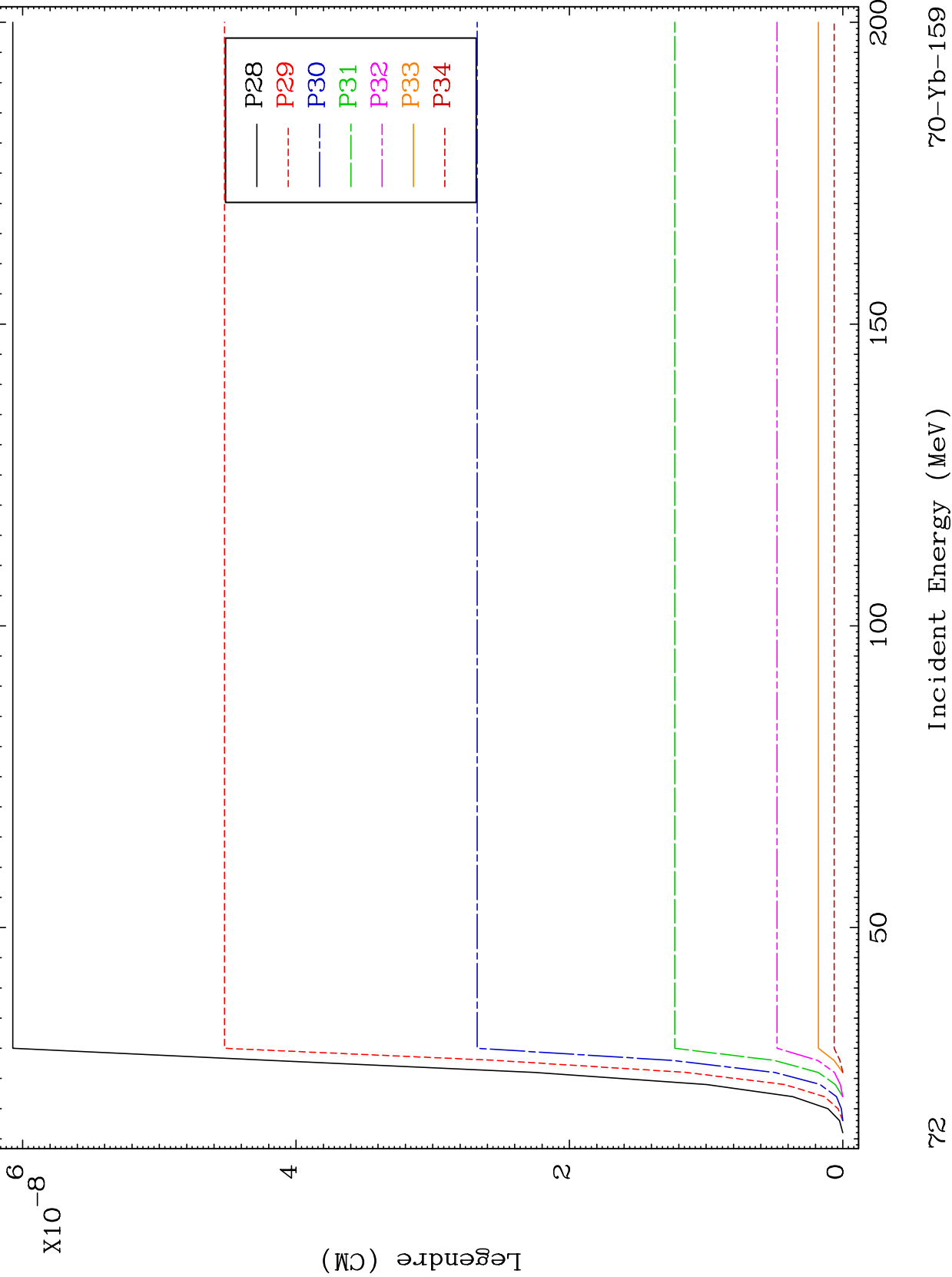


71

MAT 6998

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

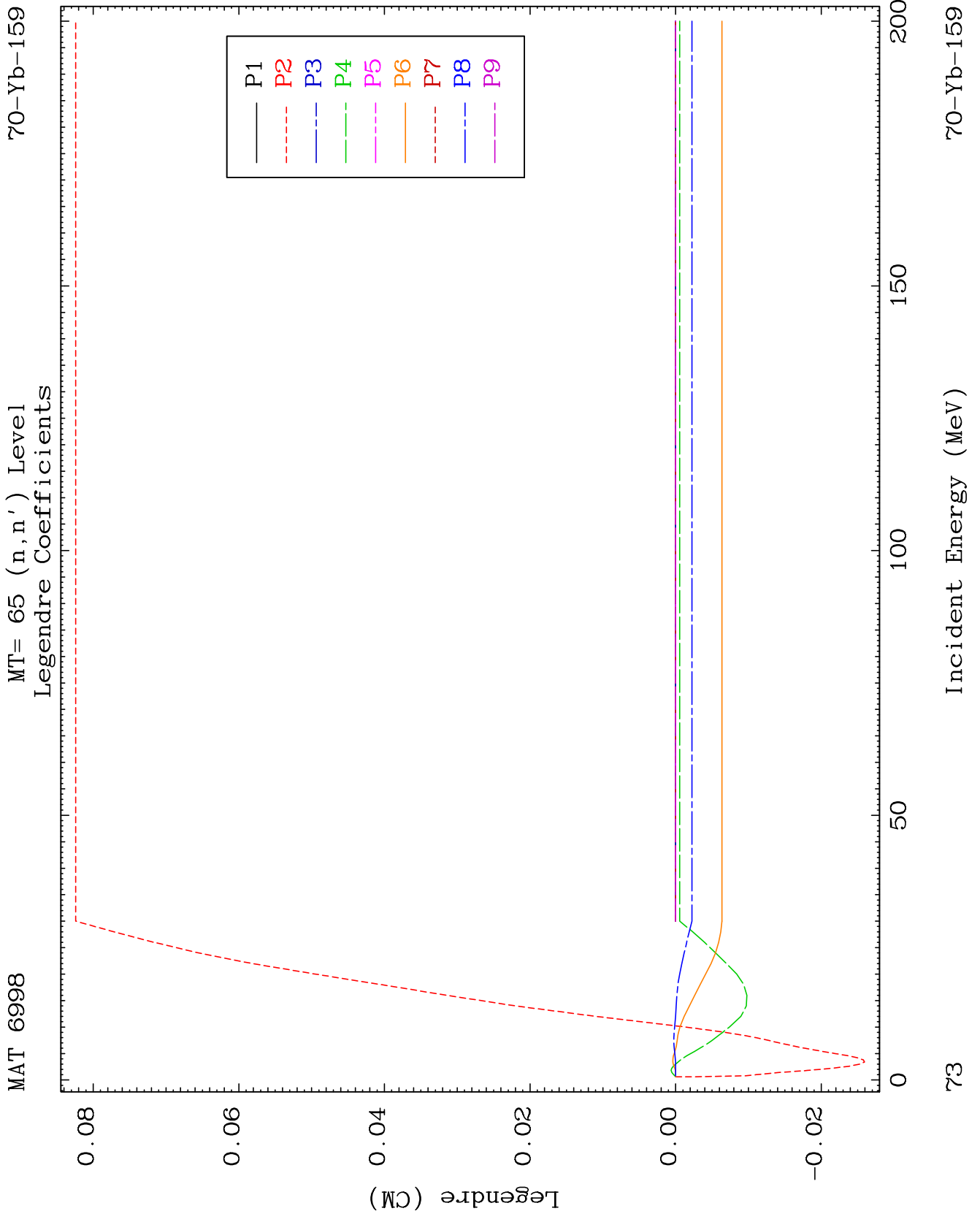
70-Yb-159



72

Incident Energy (MeV)

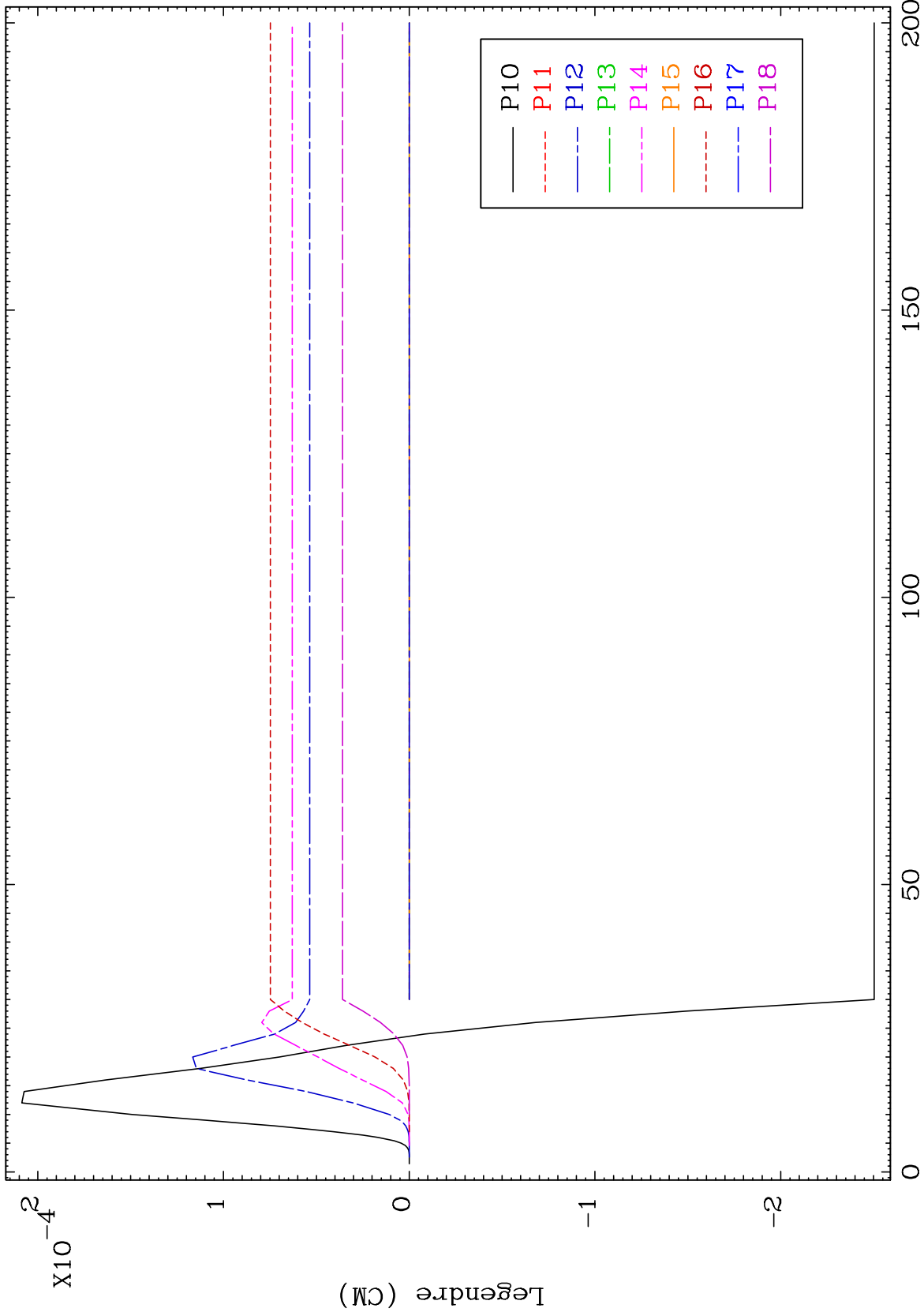
70-Yb-159



MAT 6998

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

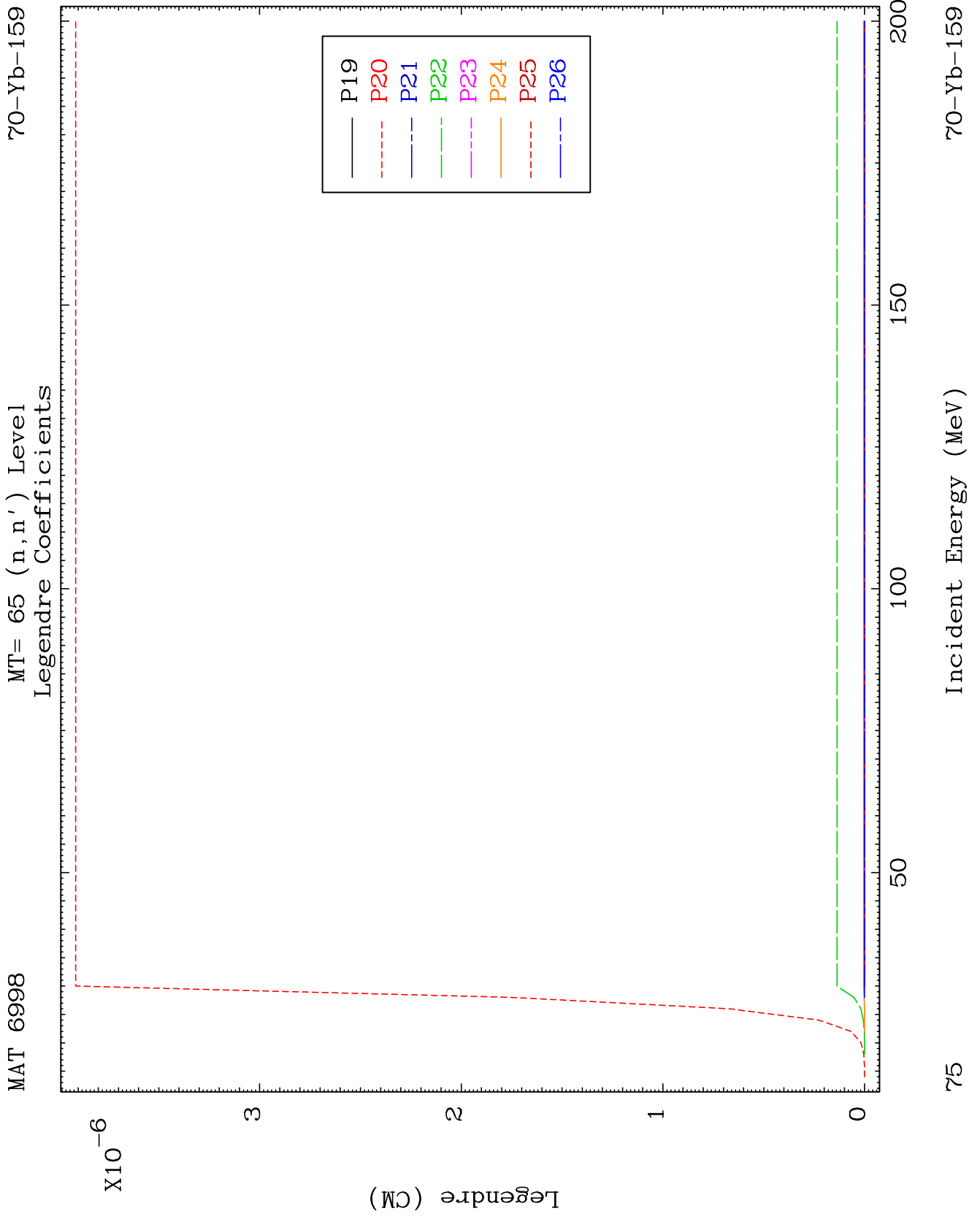
70-Yb-159

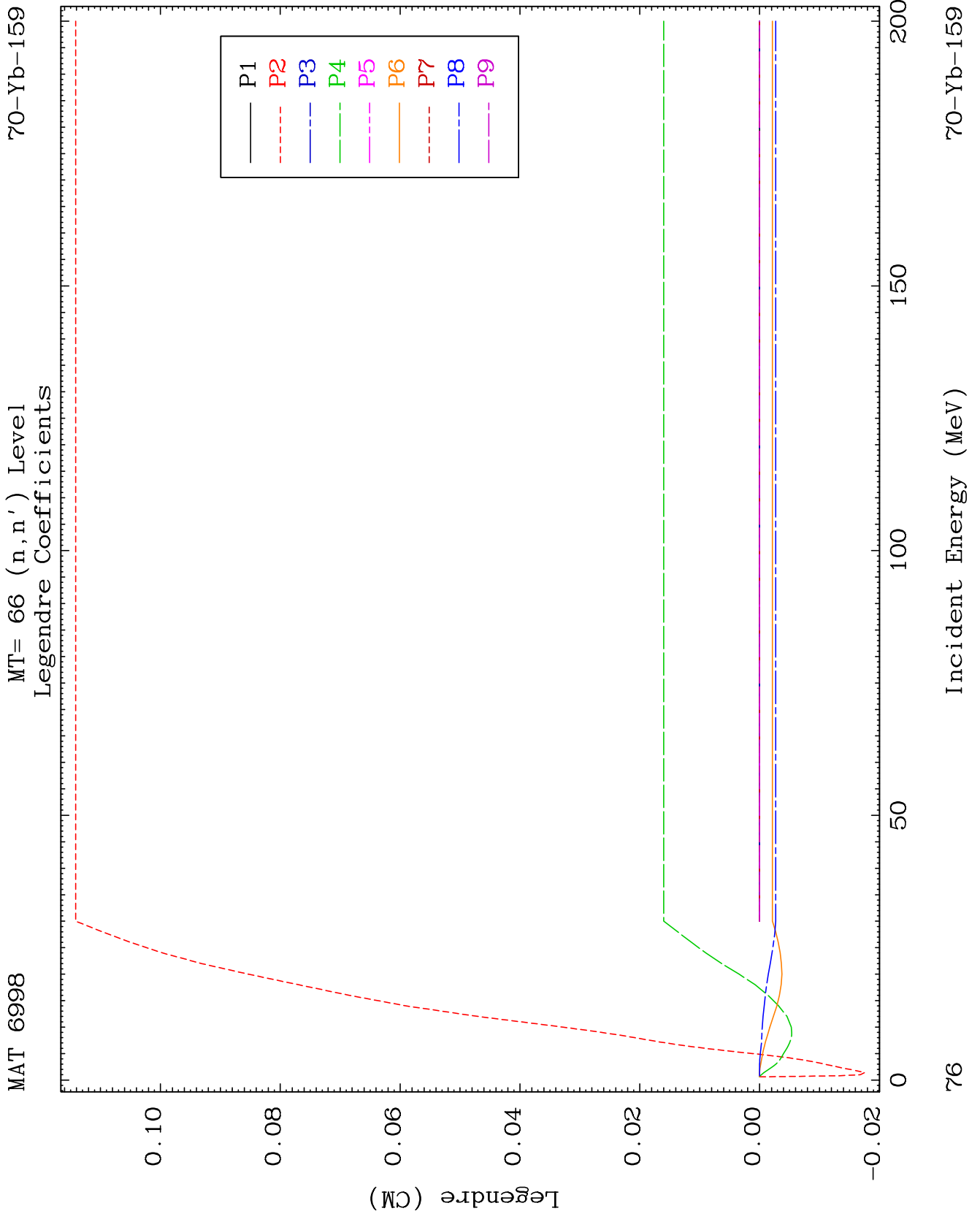


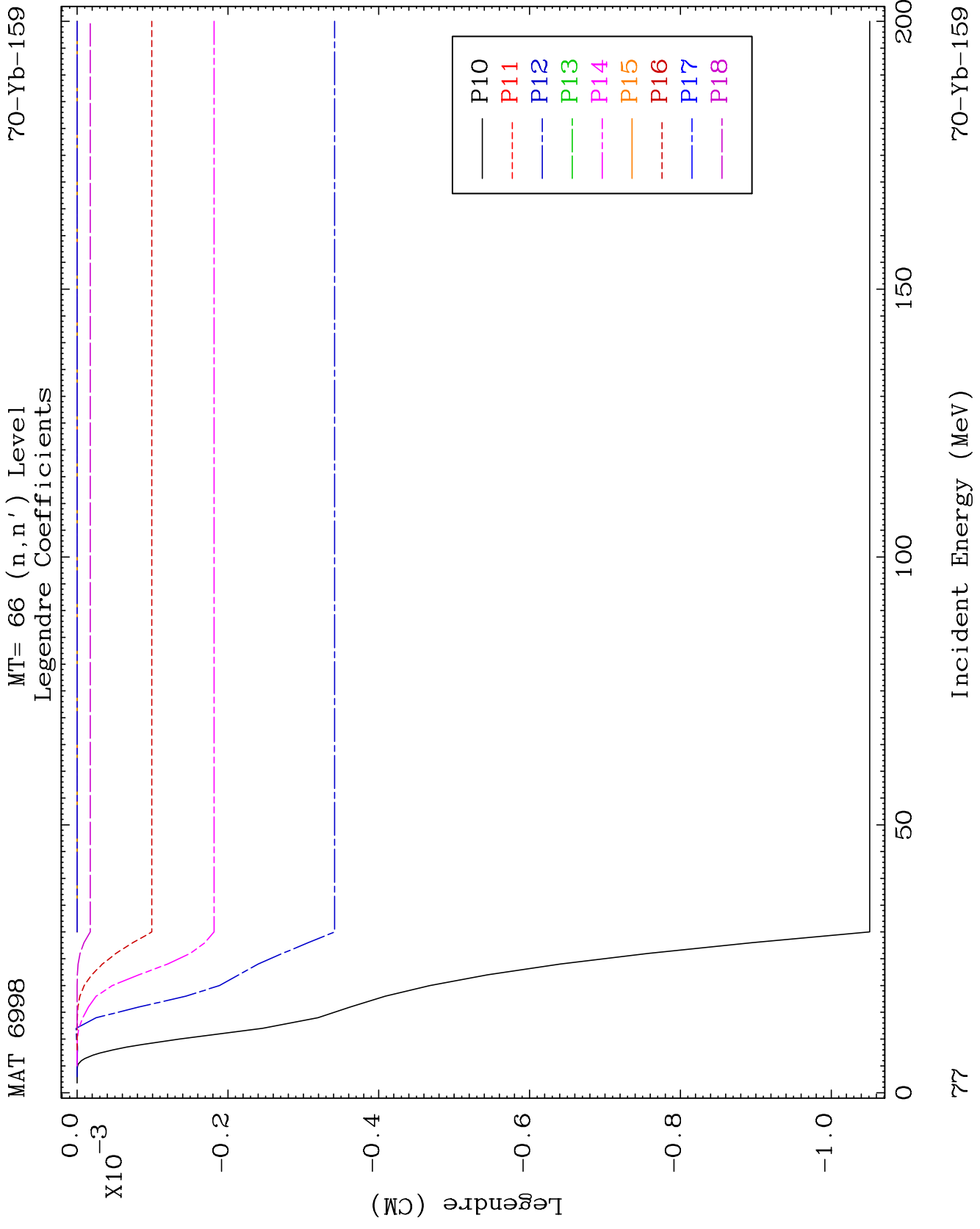
74

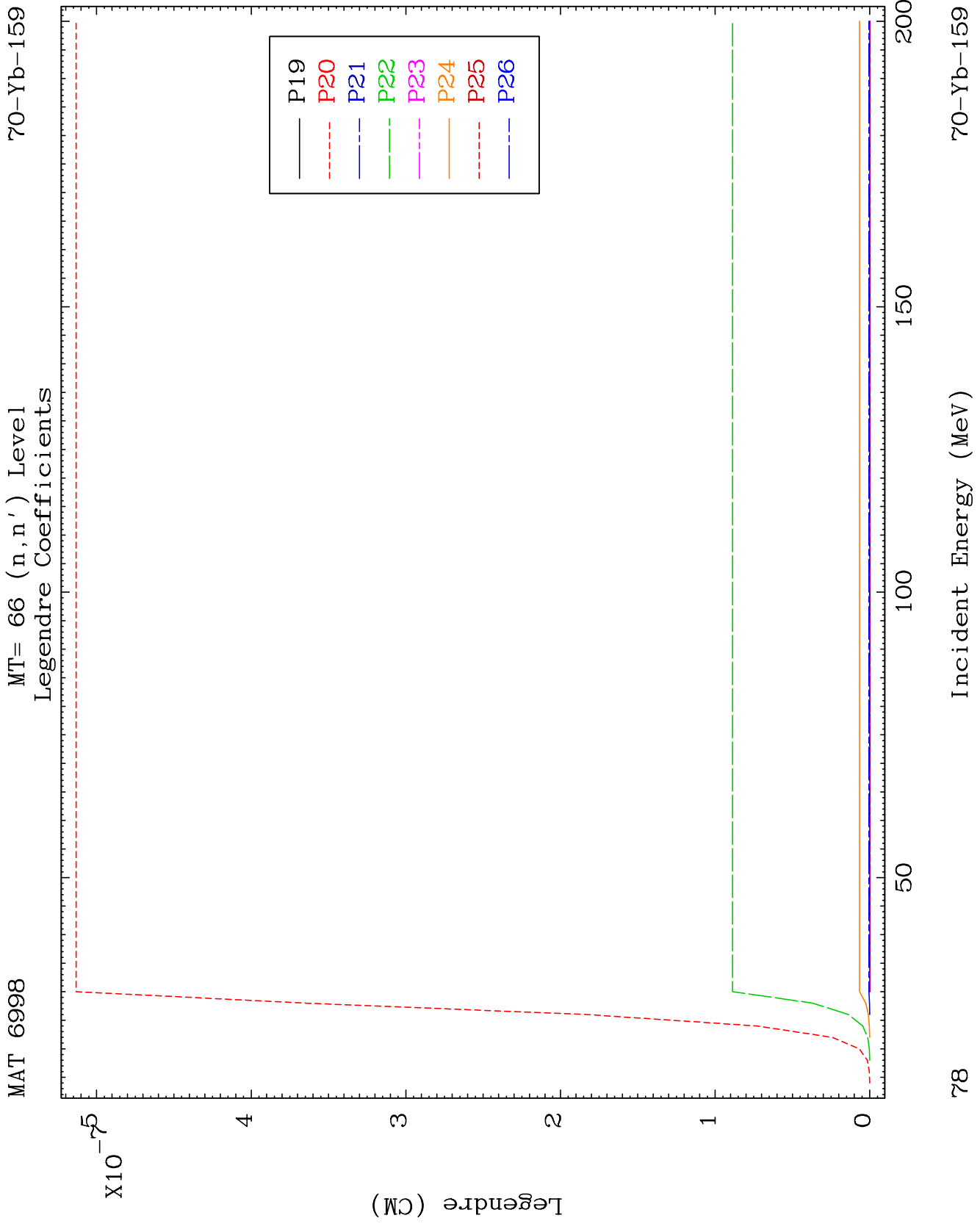
Incident Energy (MeV)

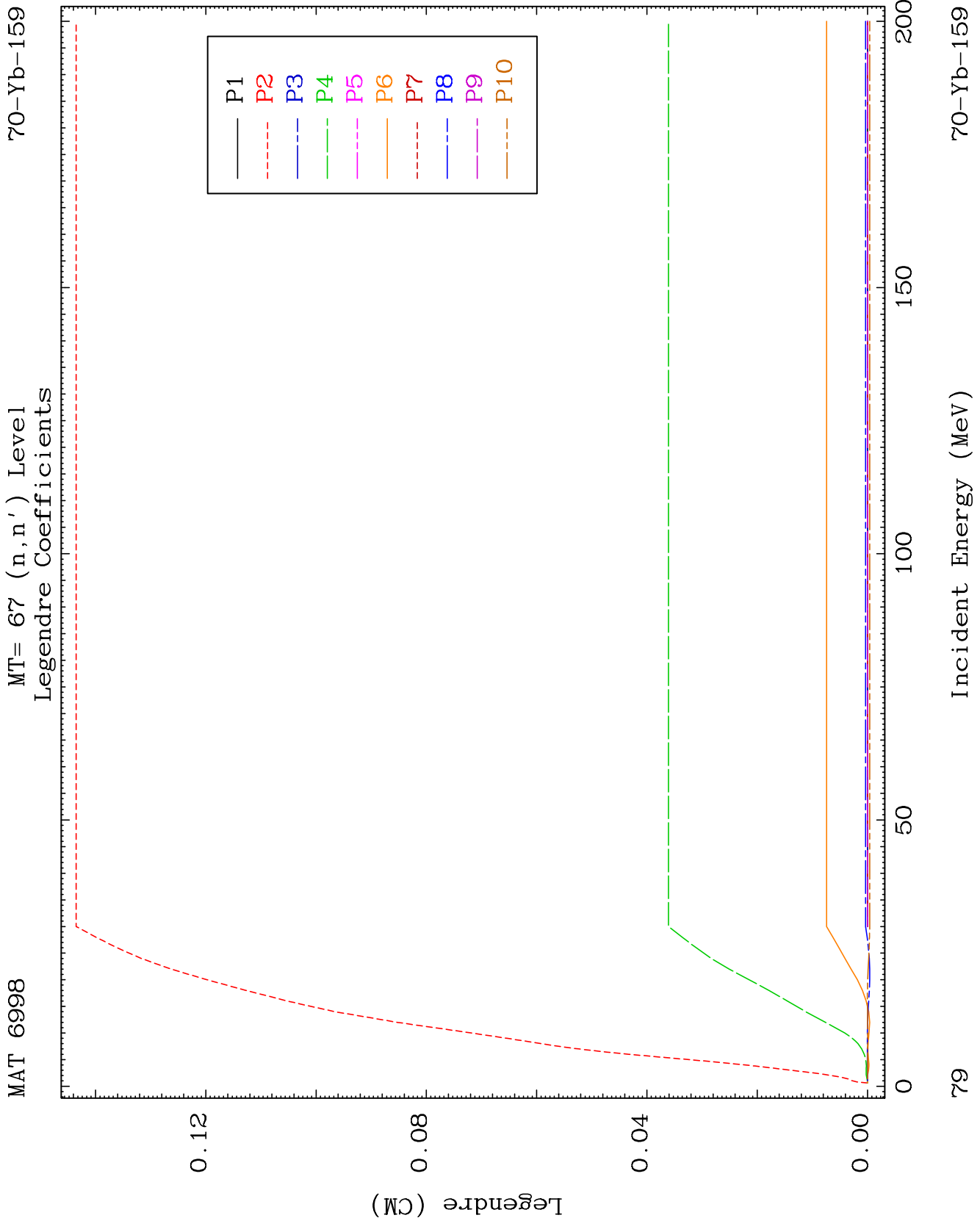
70-Yb-159







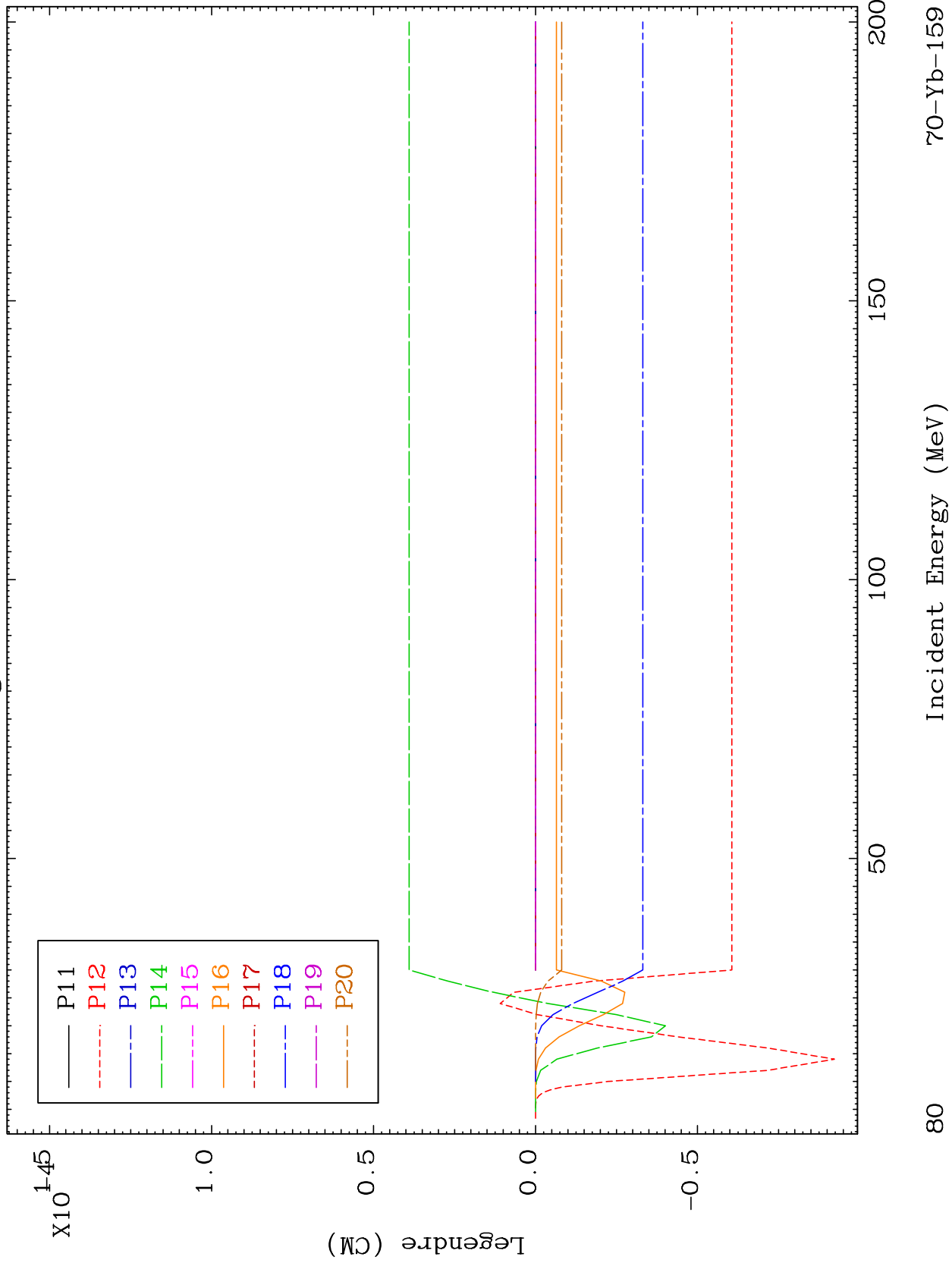




MAT 6998

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

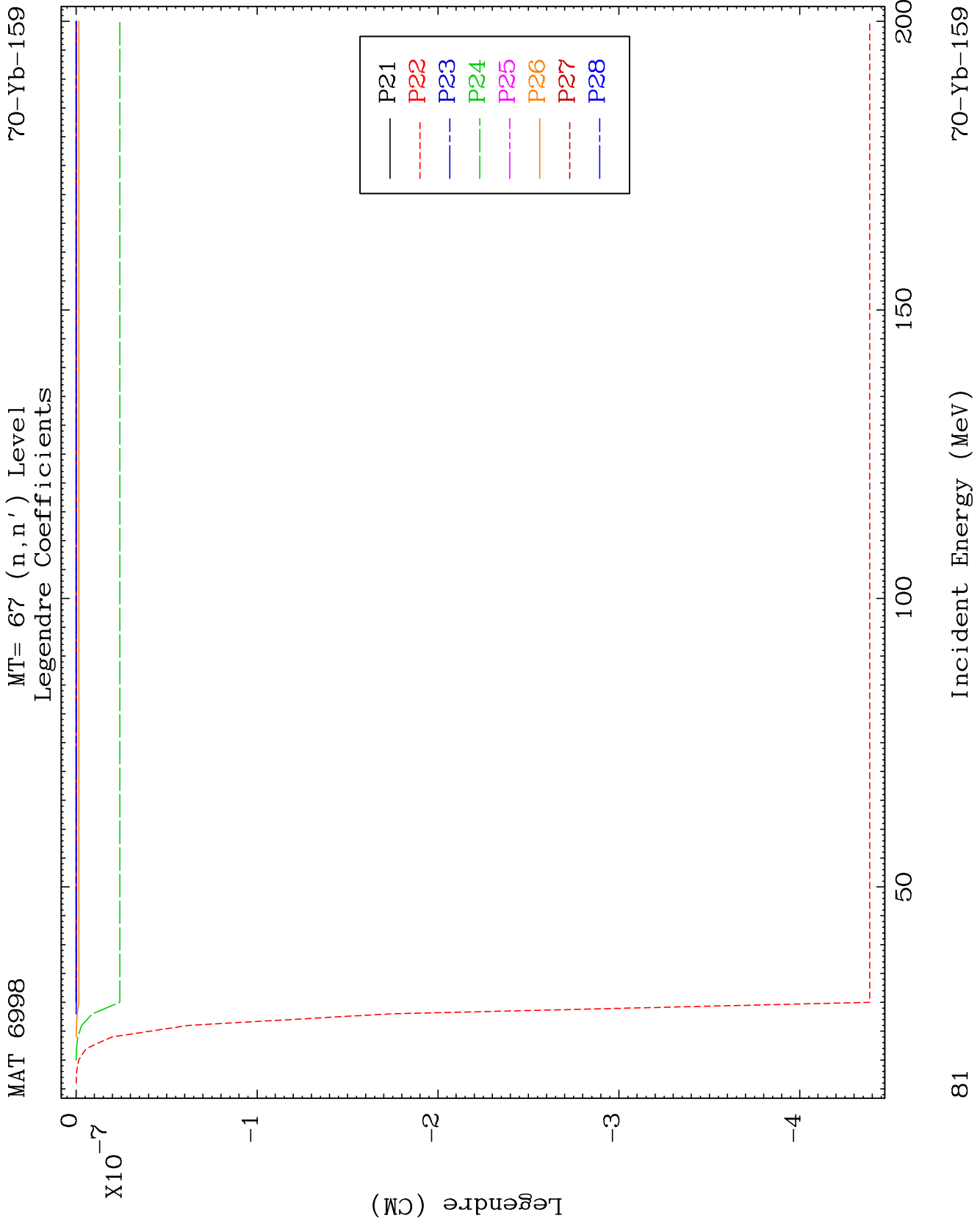
70-Yb-159



80

Incident Energy (MeV)

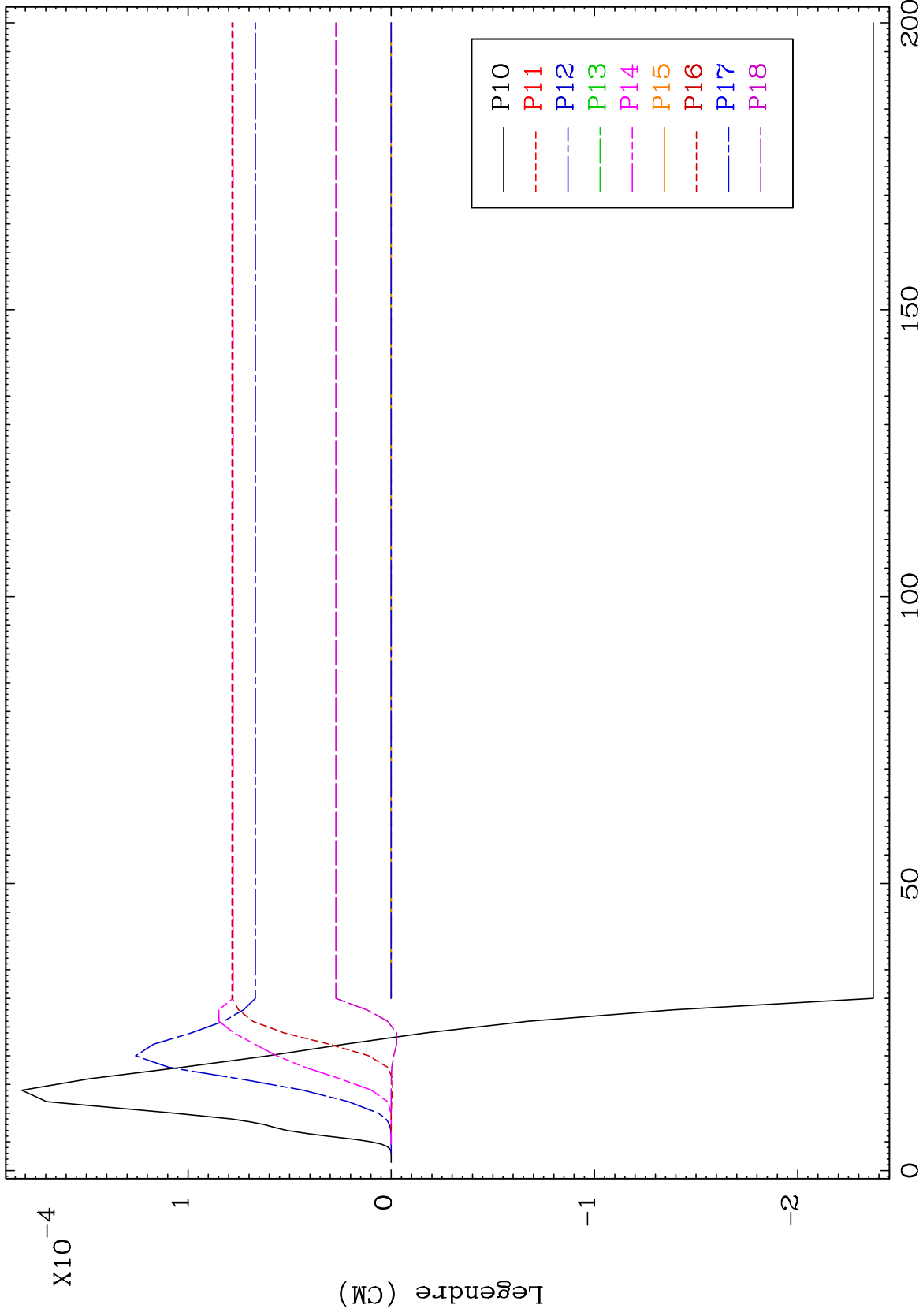
70-Yb-159



MAT 6998

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

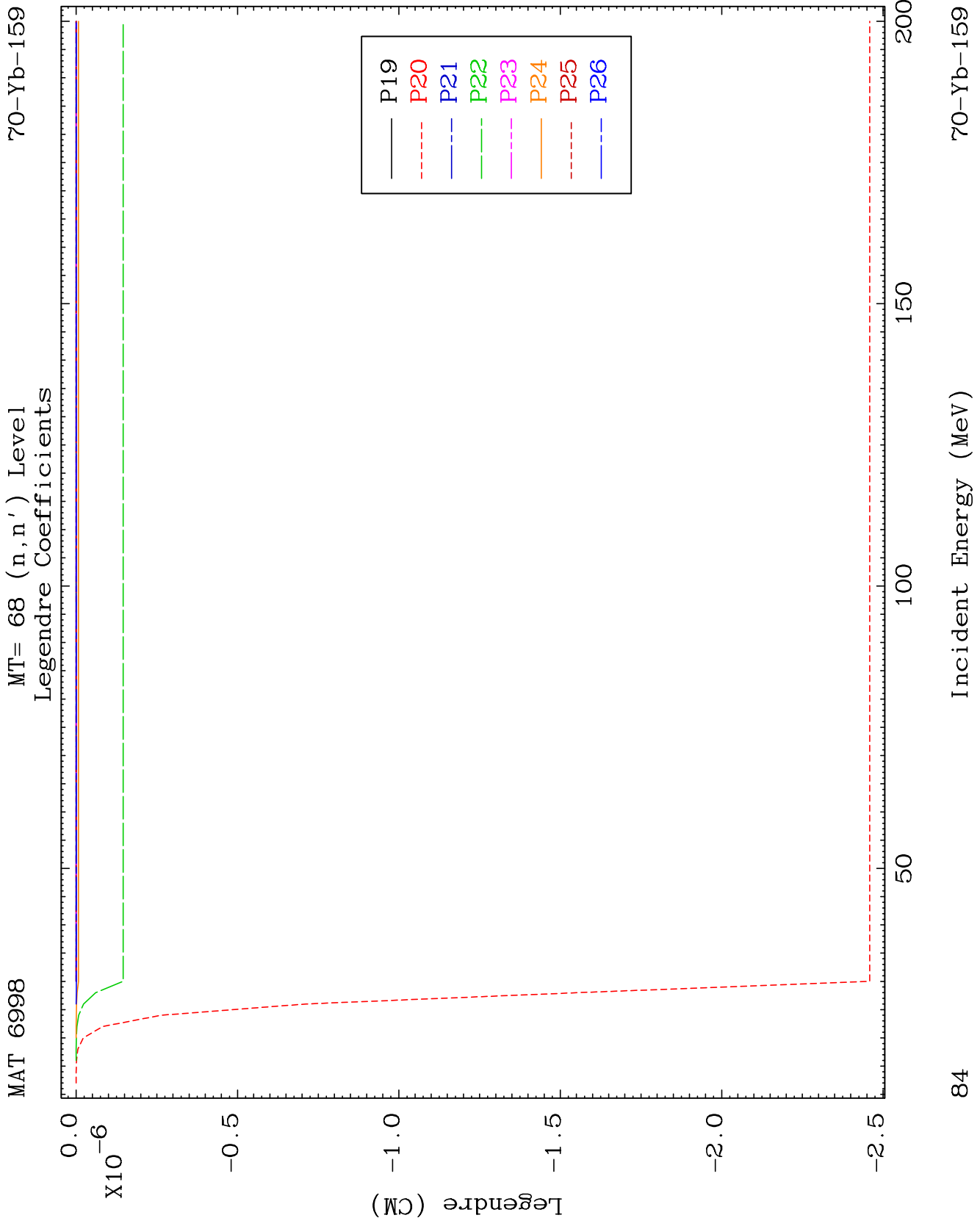
70-Yb-159



83

Incident Energy (MeV)

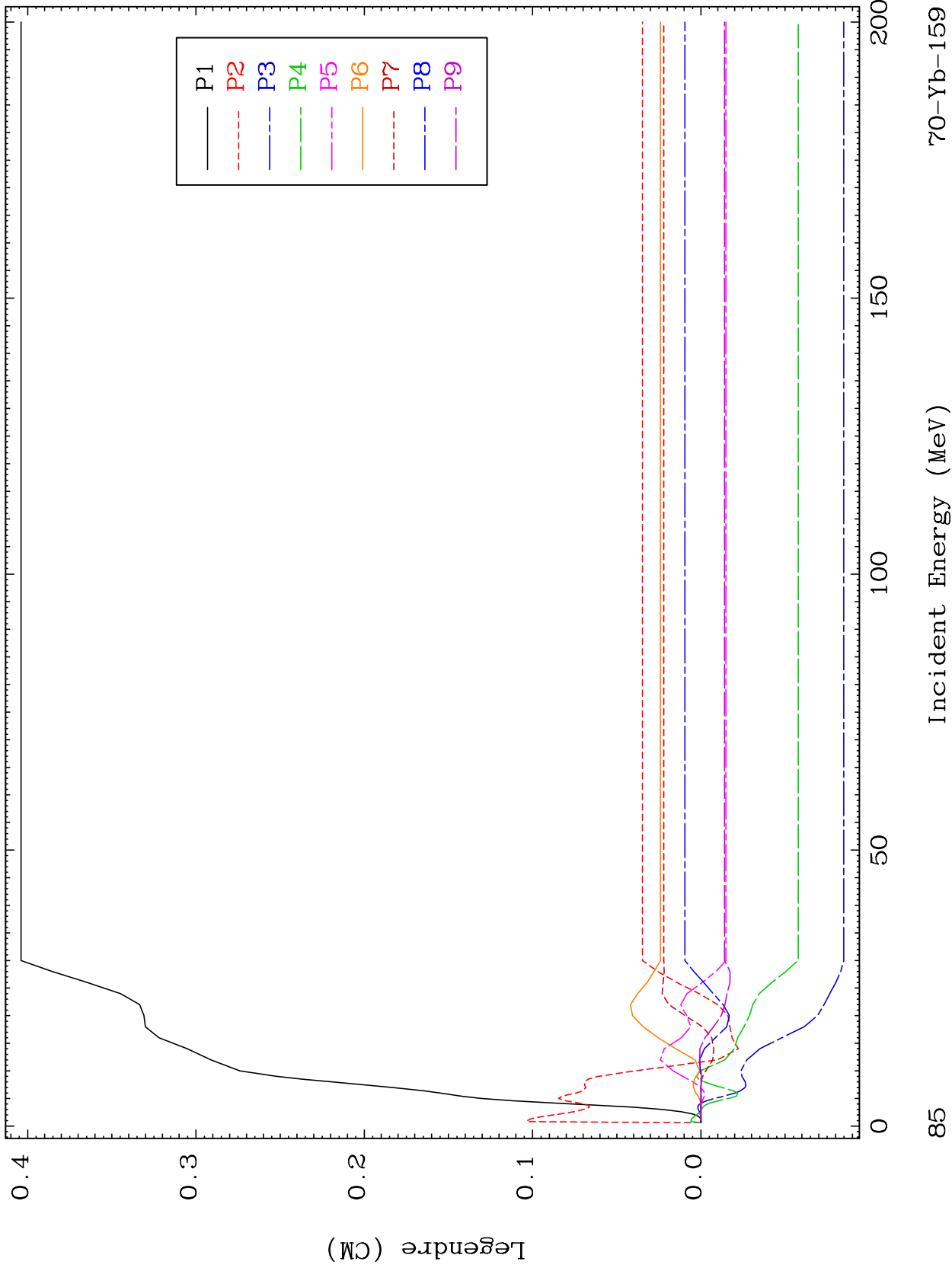
70-Yb-159



MAT 6998

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

70-Yb-159



70-Yb-159

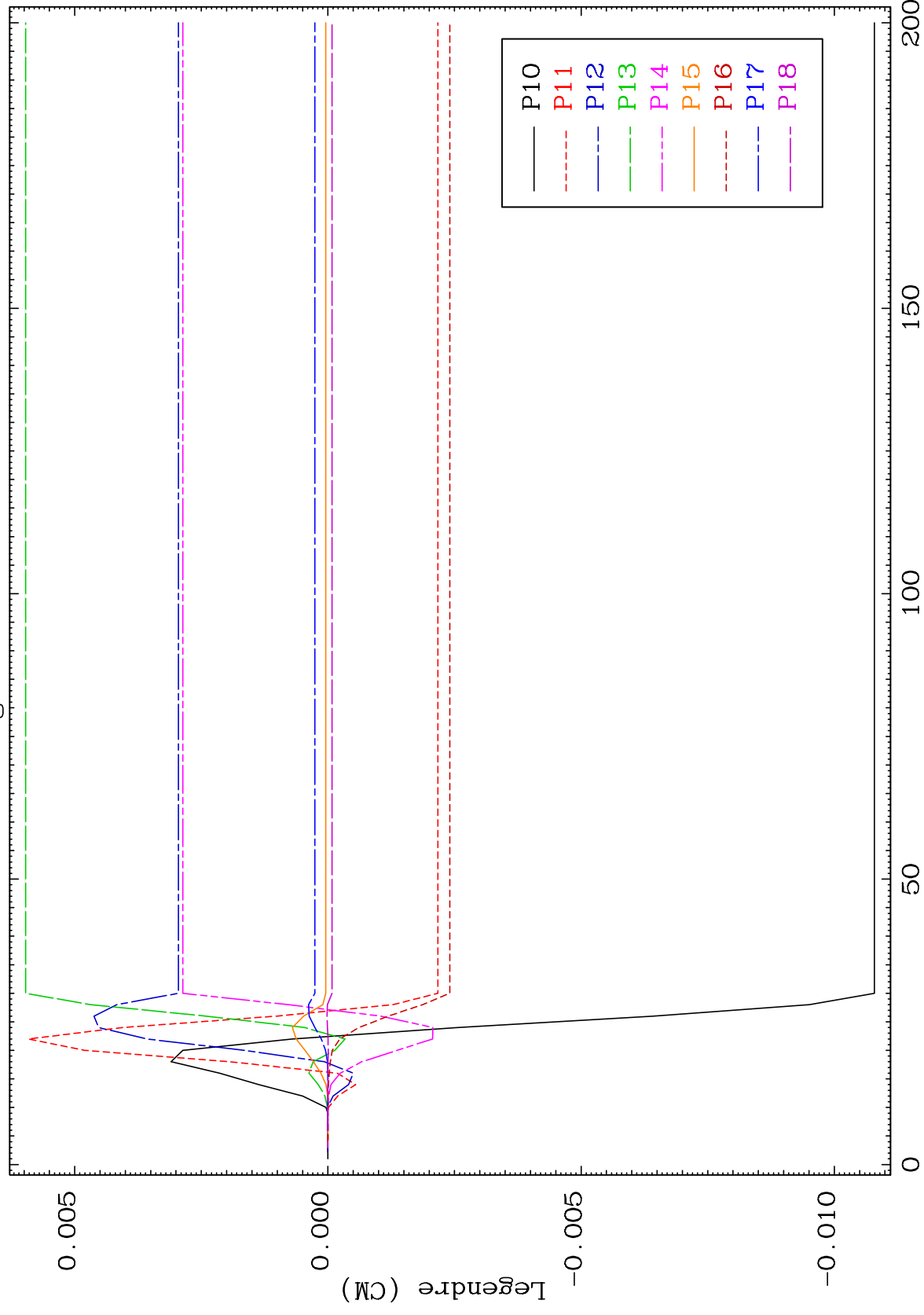
Incident Energy (MeV)

85

MAT 6998

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

70-Yb-159



86

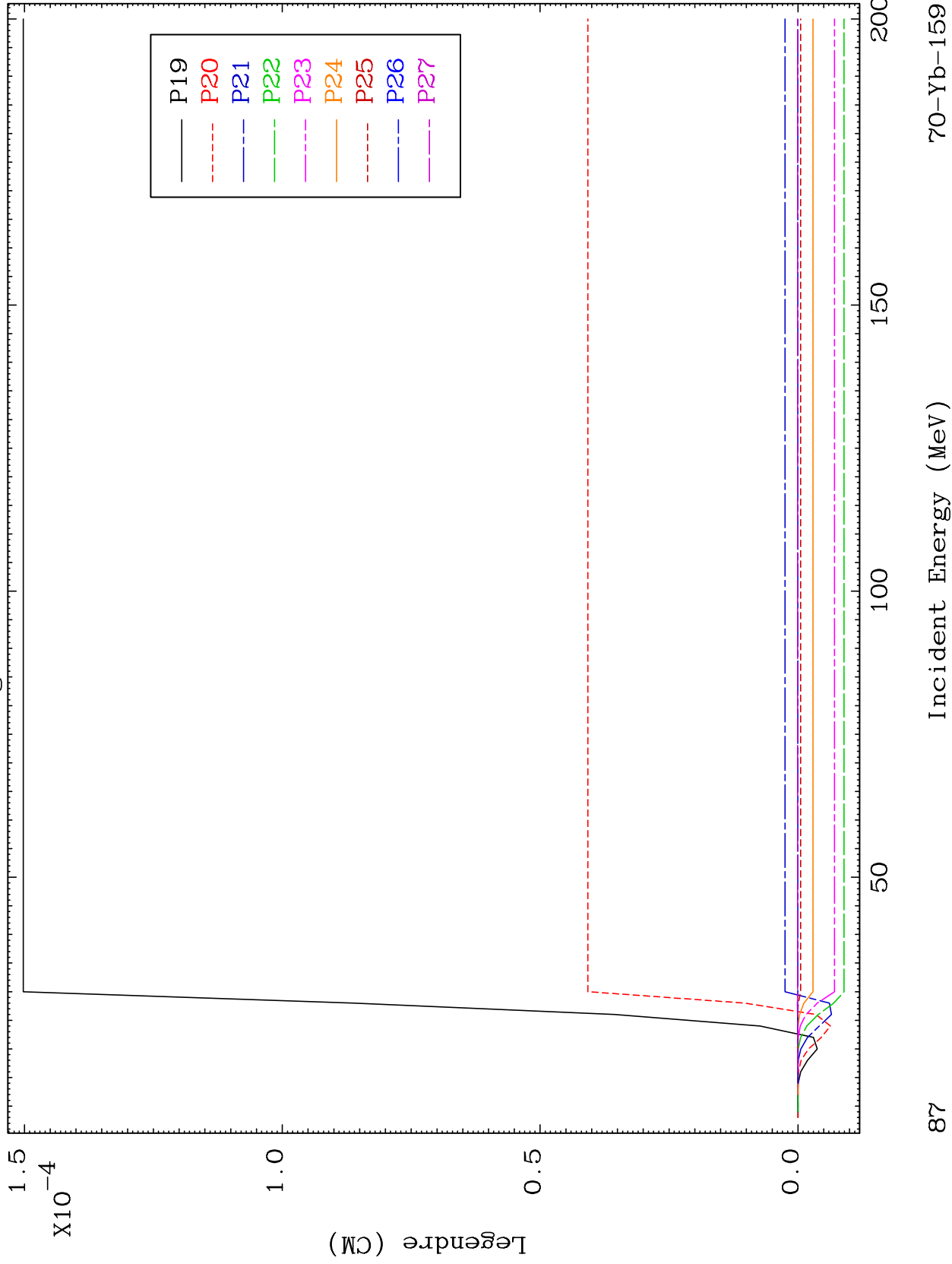
Incident Energy (MeV)

70-Yb-159

MAT 6998

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

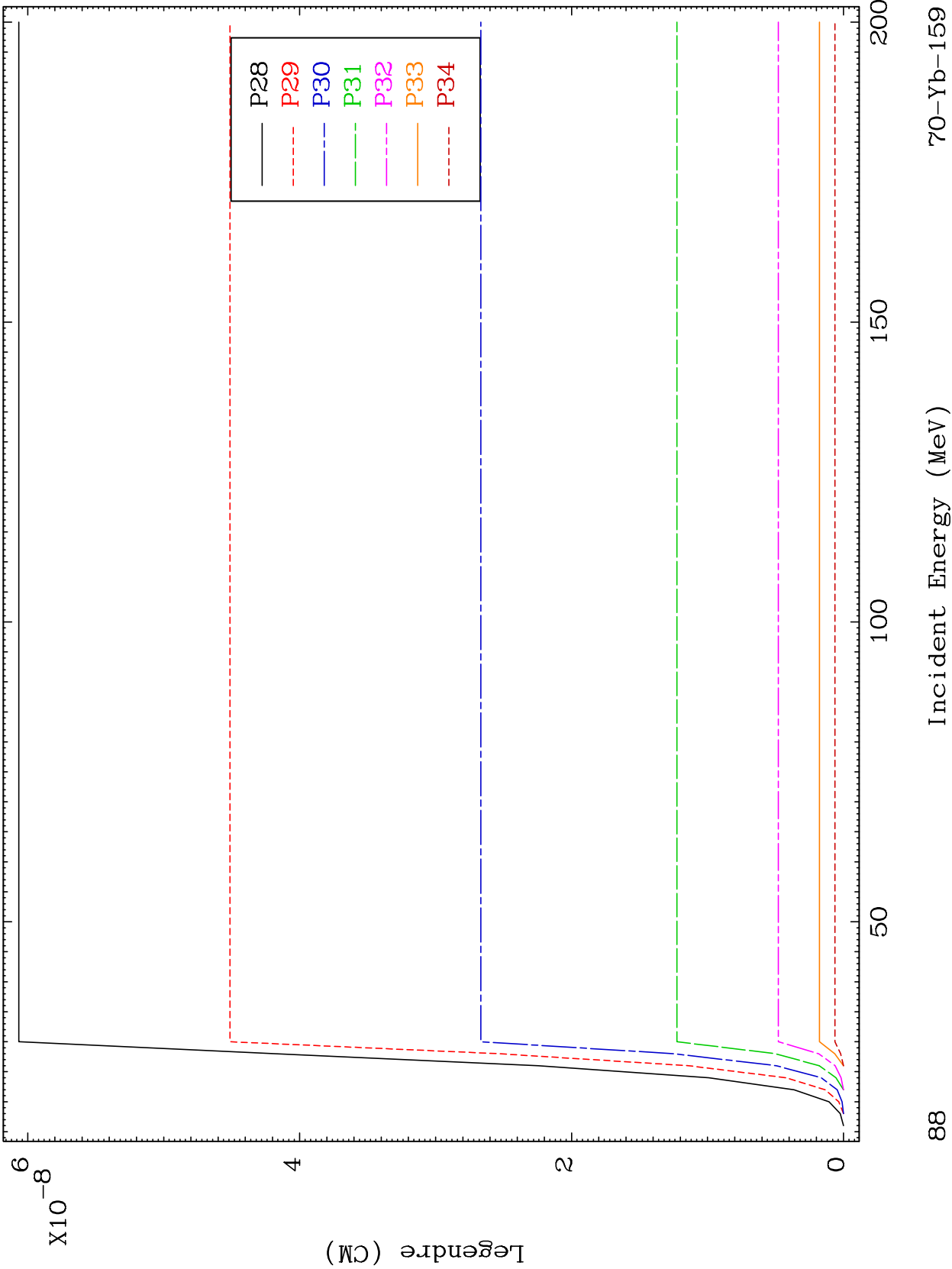
70-Yb-159



MAT 6998

70-Yb-159

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



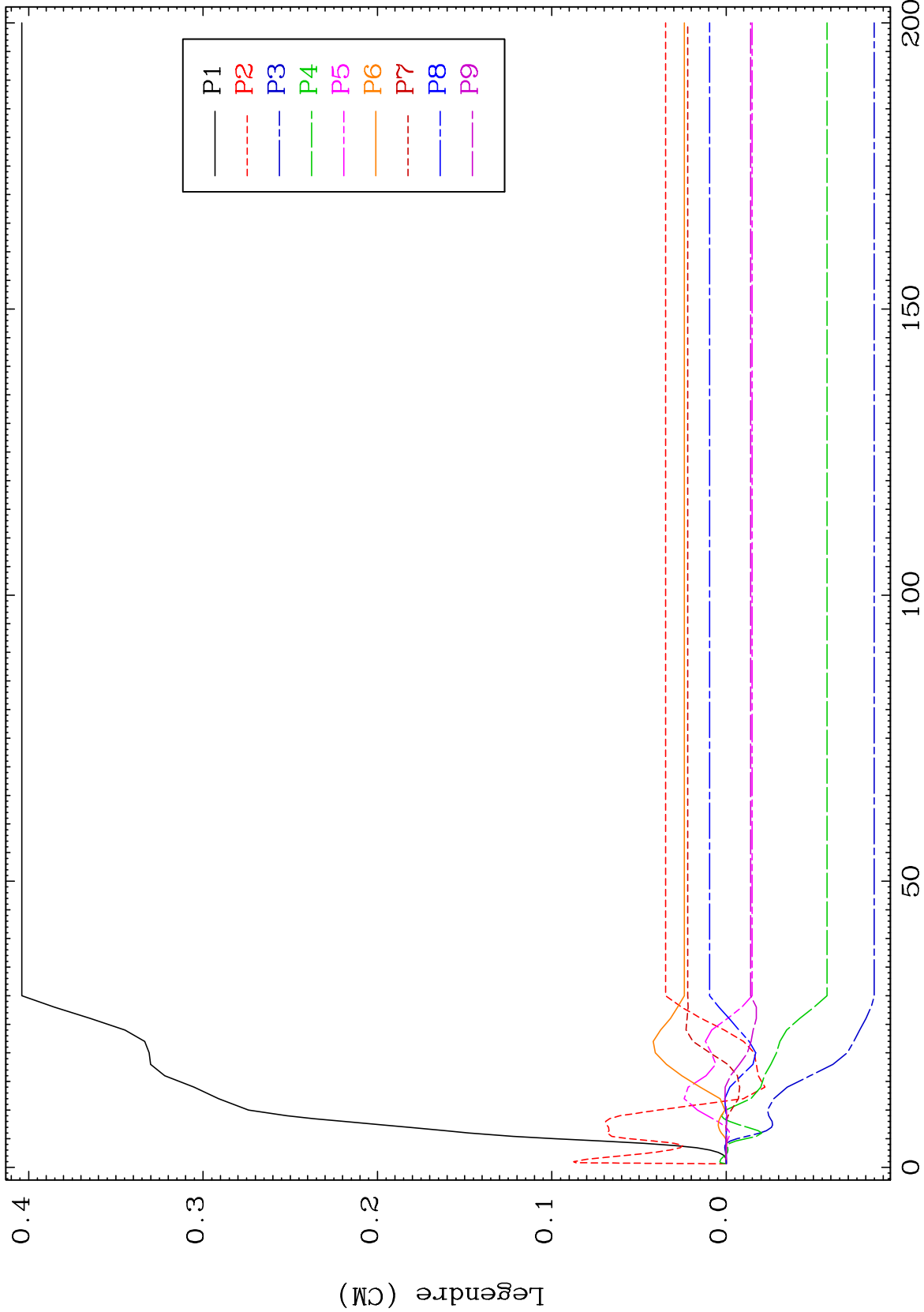
88

70-Yb-159

MAT 6998

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

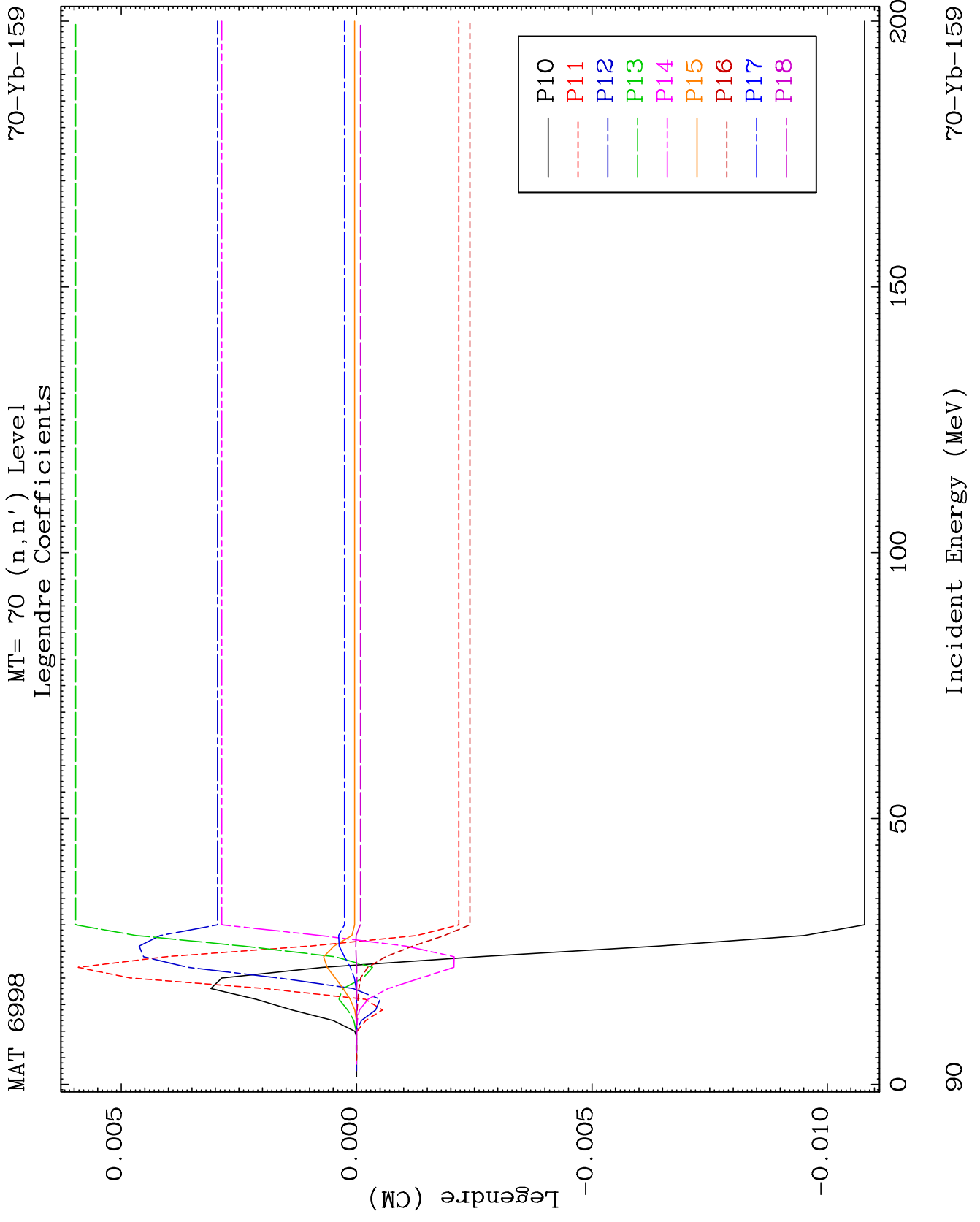
70-Yb-159



89

Incident Energy (MeV)

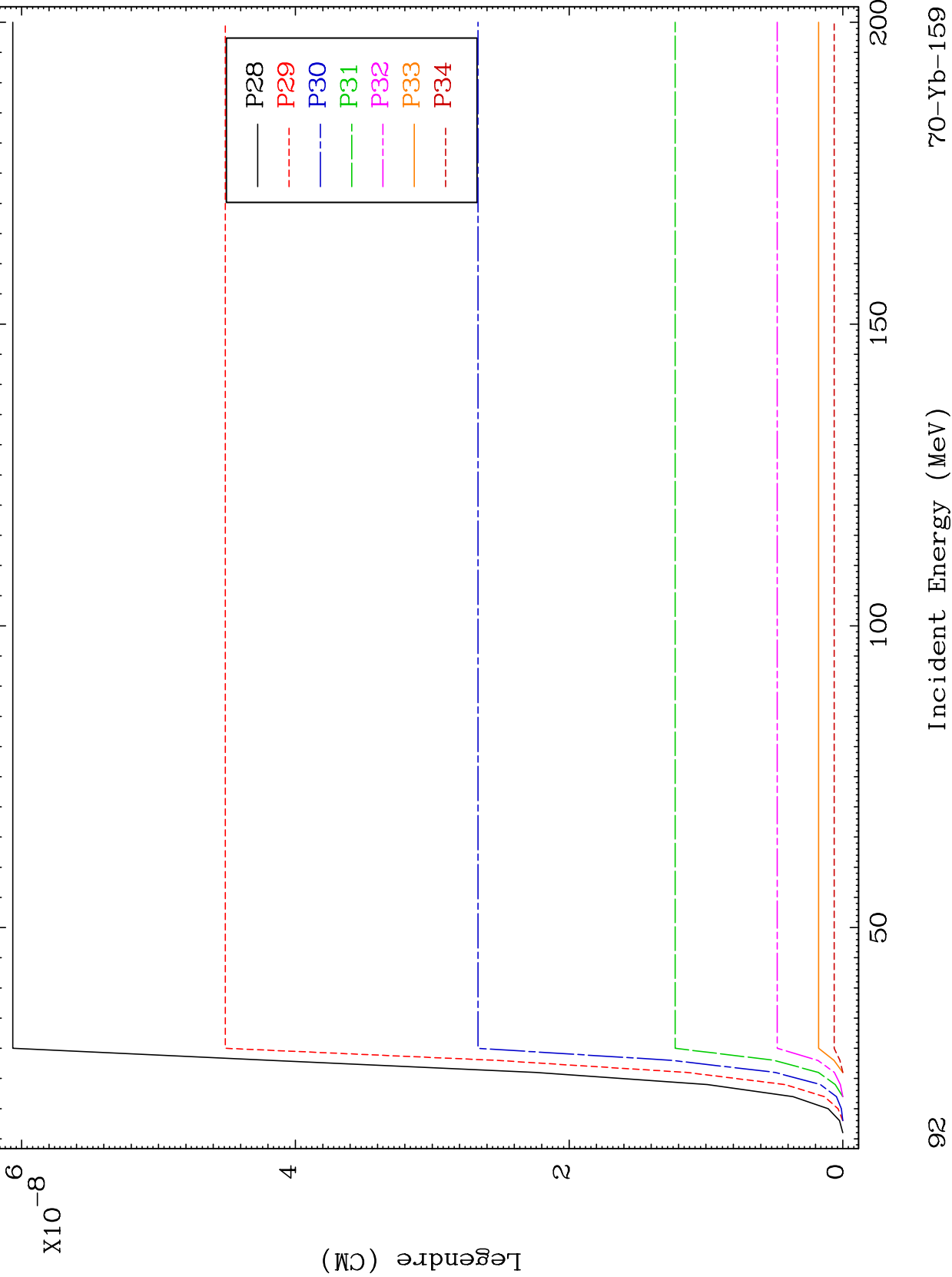
70-Yb-159



MAT 6998

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

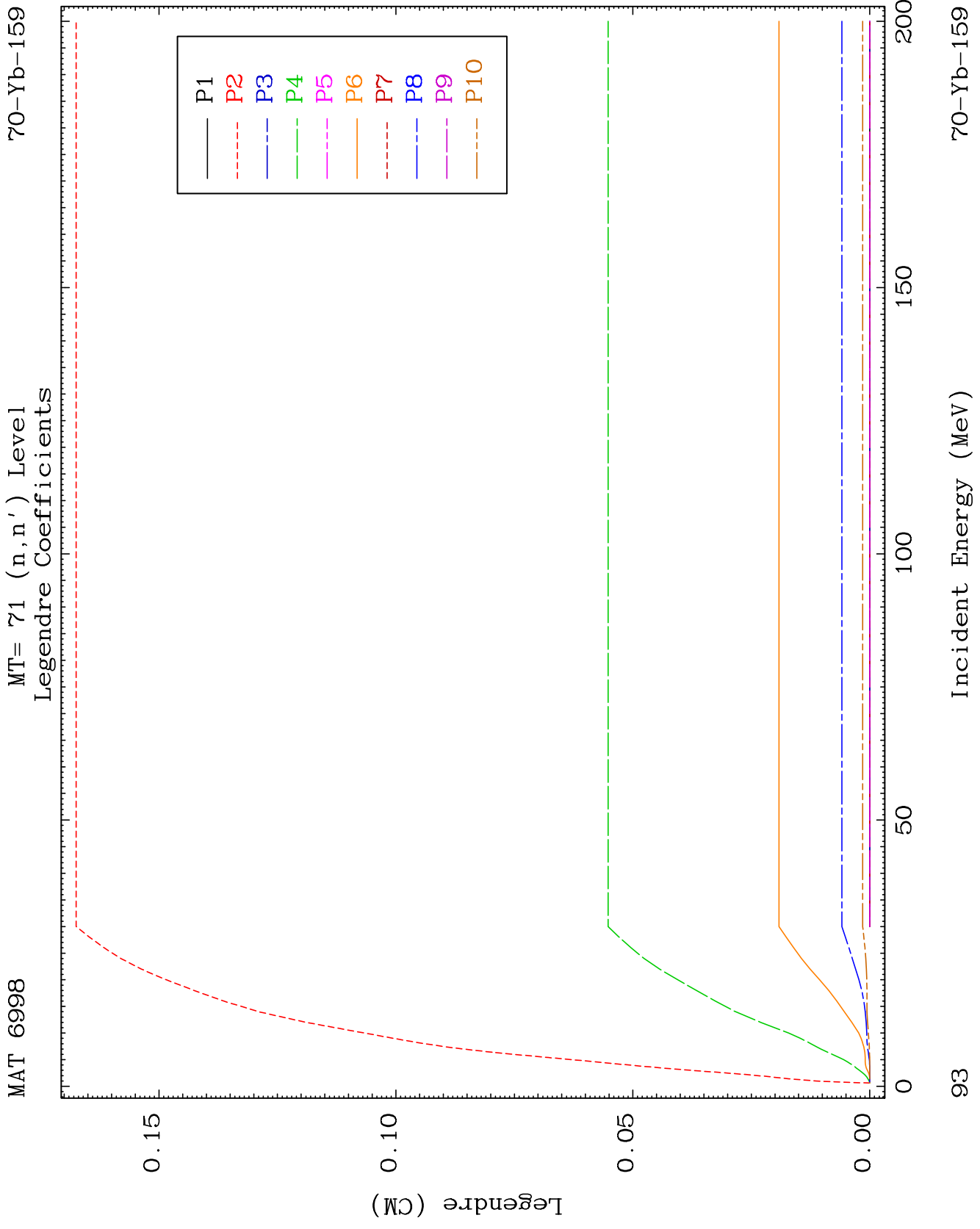
70-Yb-159



92

Incident Energy (MeV)

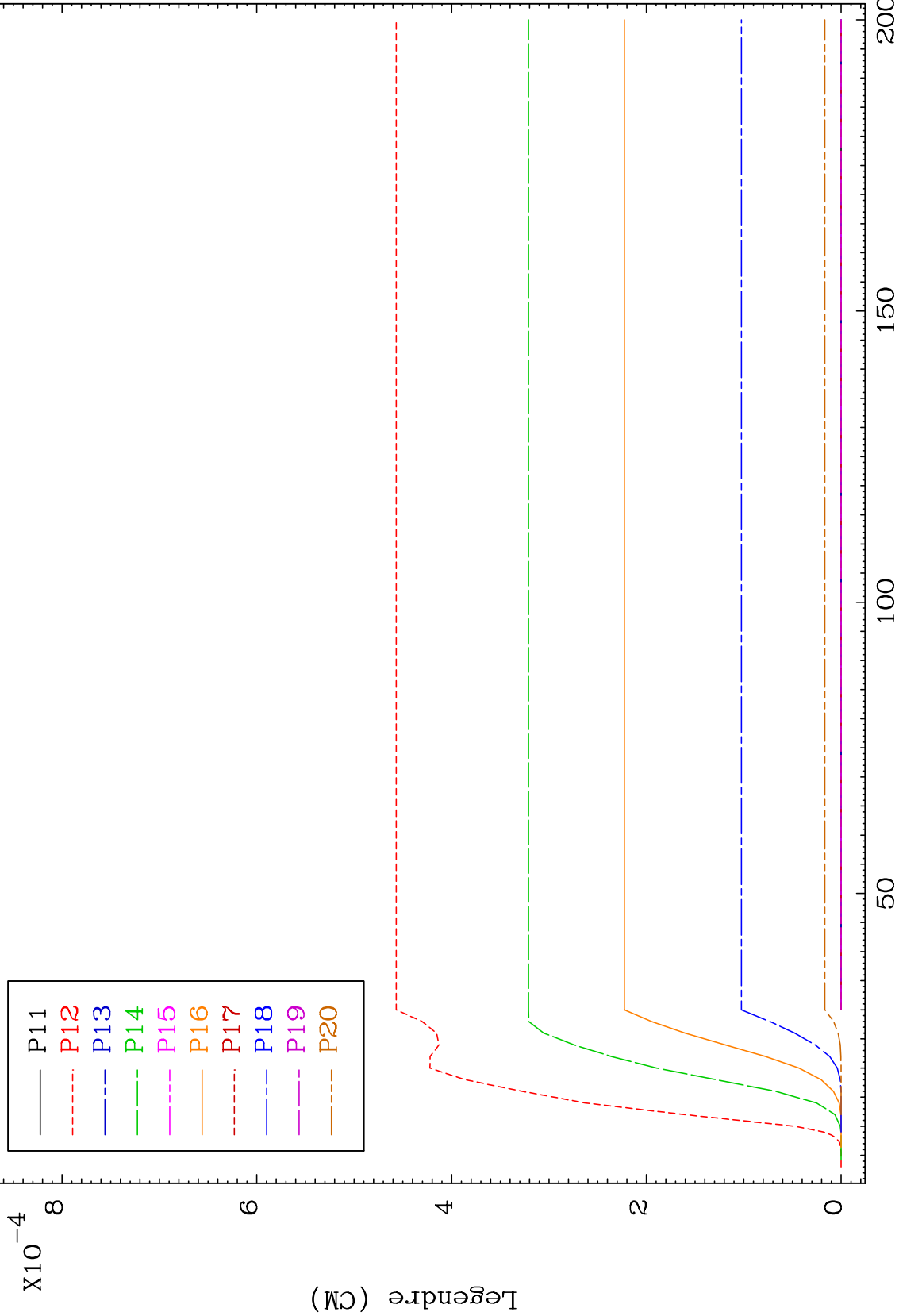
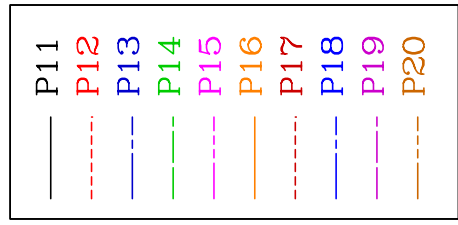
70-Yb-159



MAT 6998

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

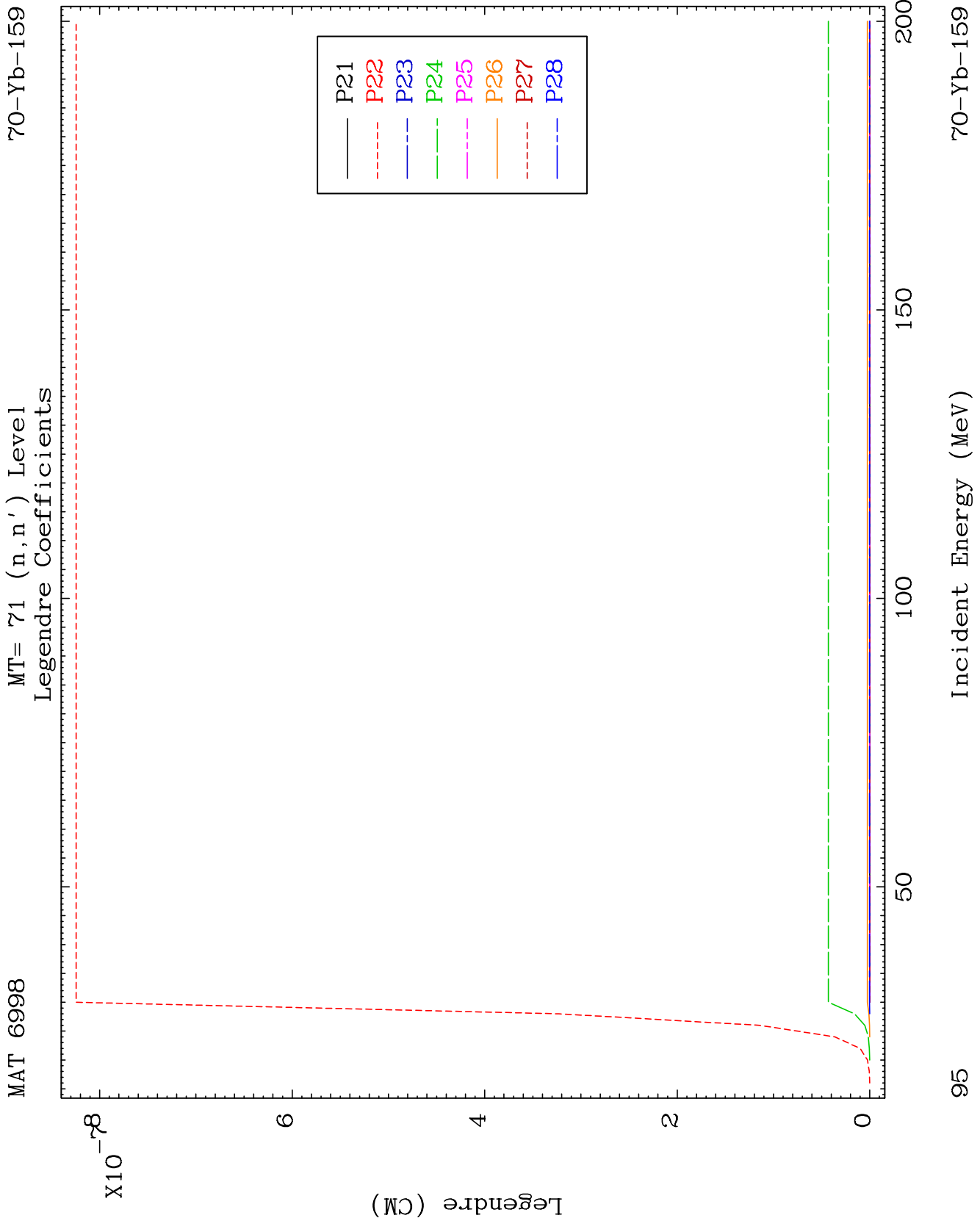
70-Yb-159



94

Incident Energy (MeV)

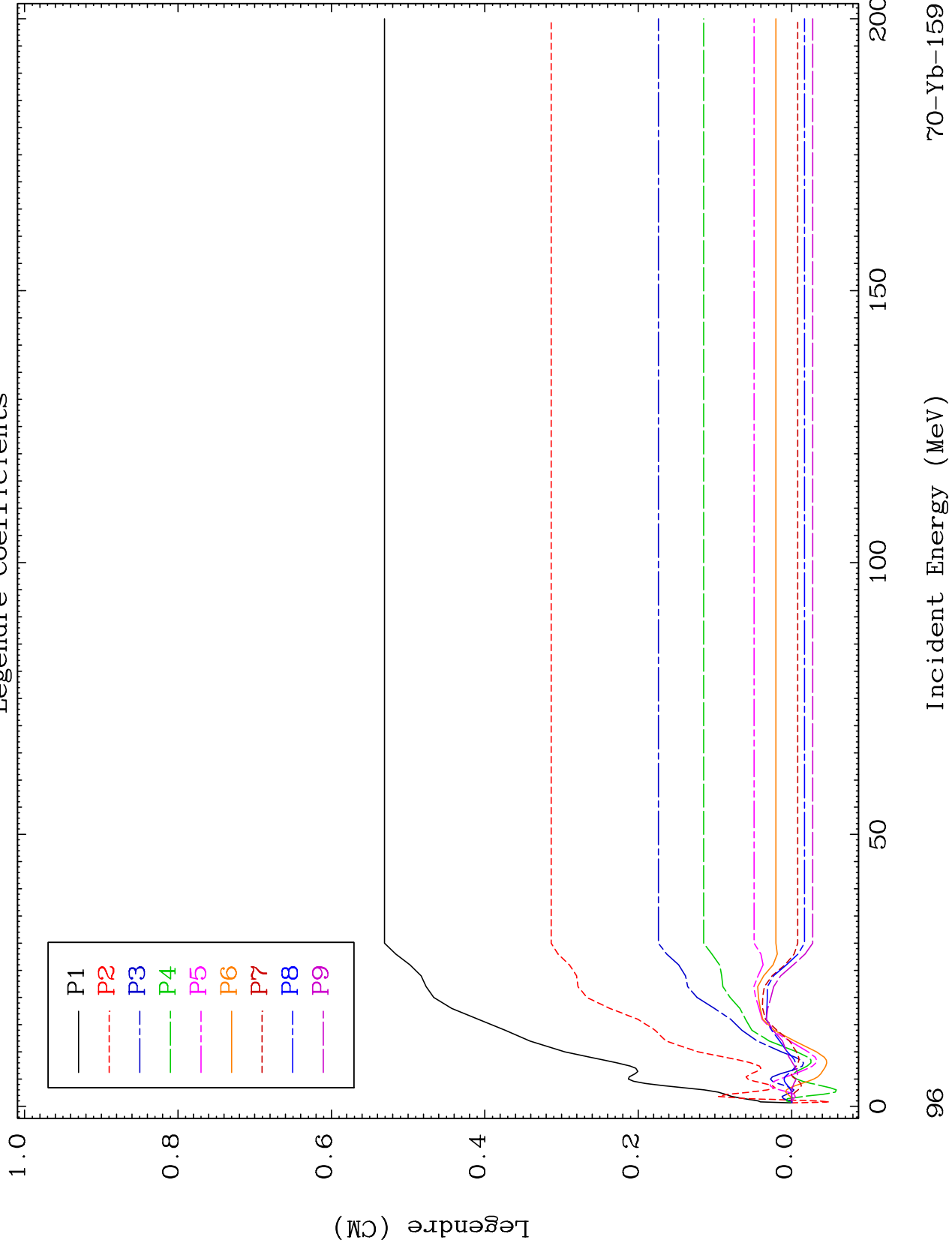
70-Yb-159



MAT 6998

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

70-Yb-159



96

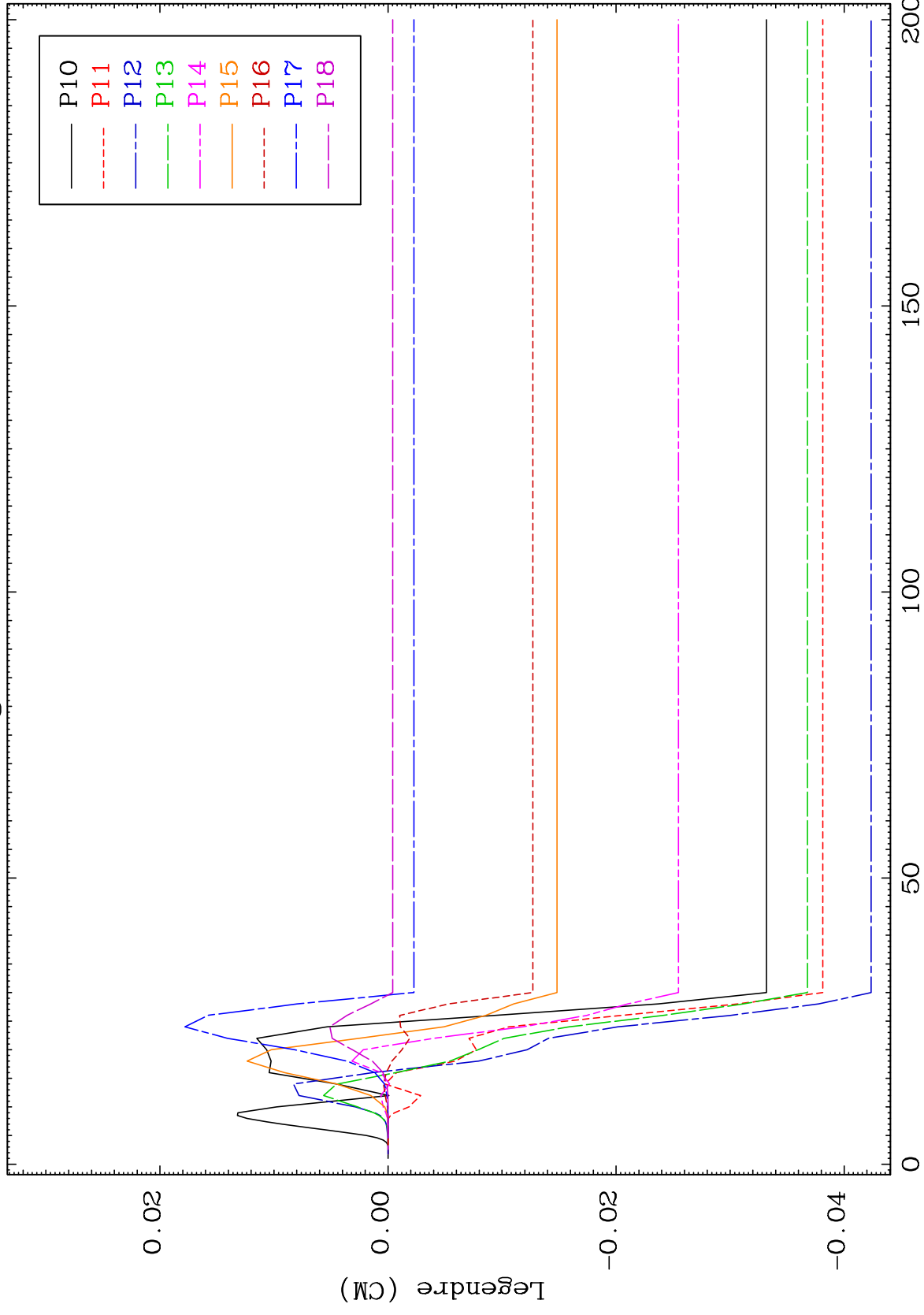
Incident Energy (MeV)

70-Yb-159

MAT 6998

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

70-Yb-159



97

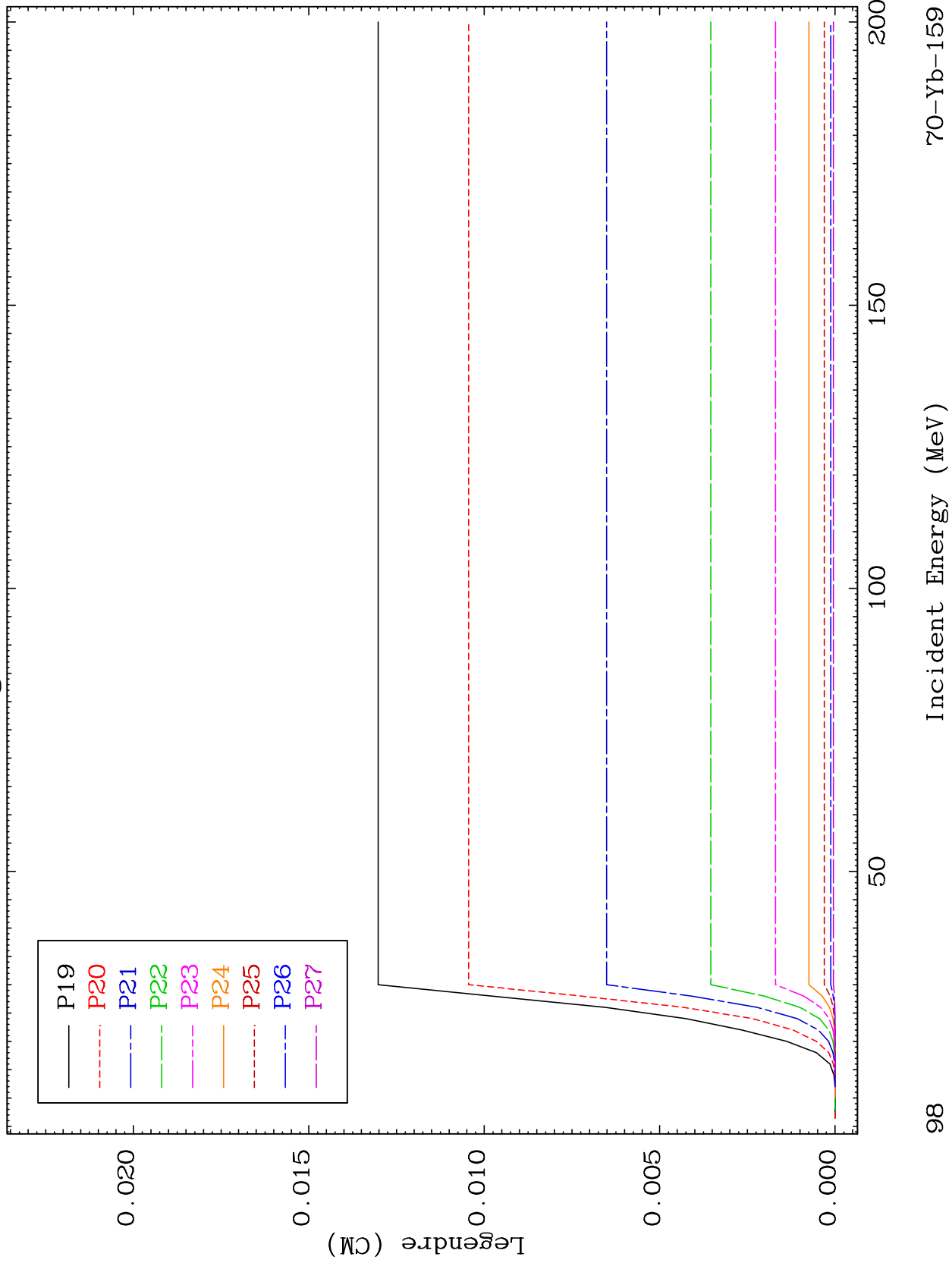
Incident Energy (MeV)

70-Yb-159

MAT 6998

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

70-Yb-159



98

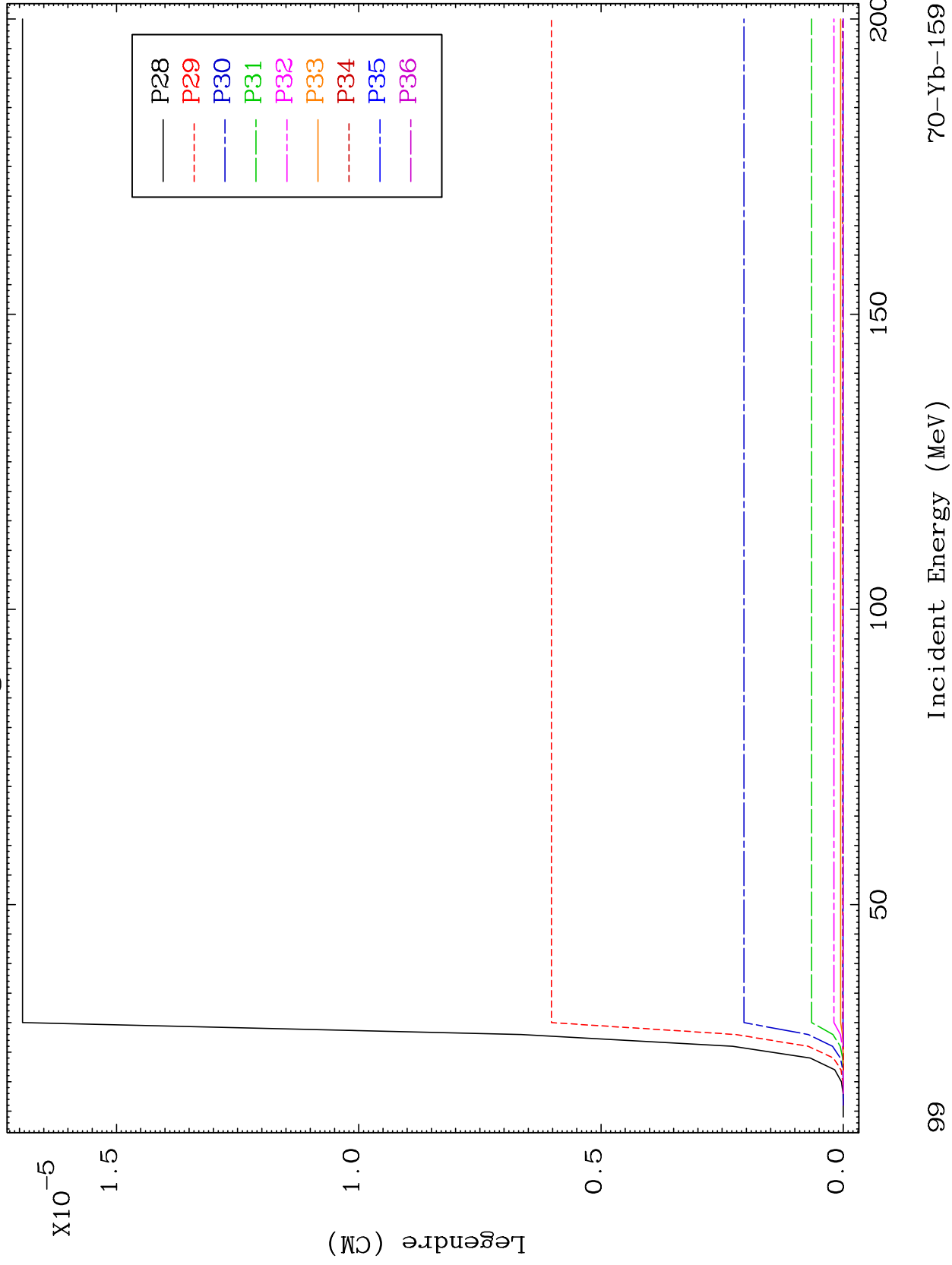
Incident Energy (MeV)

70-Yb-159

MAT 6998

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

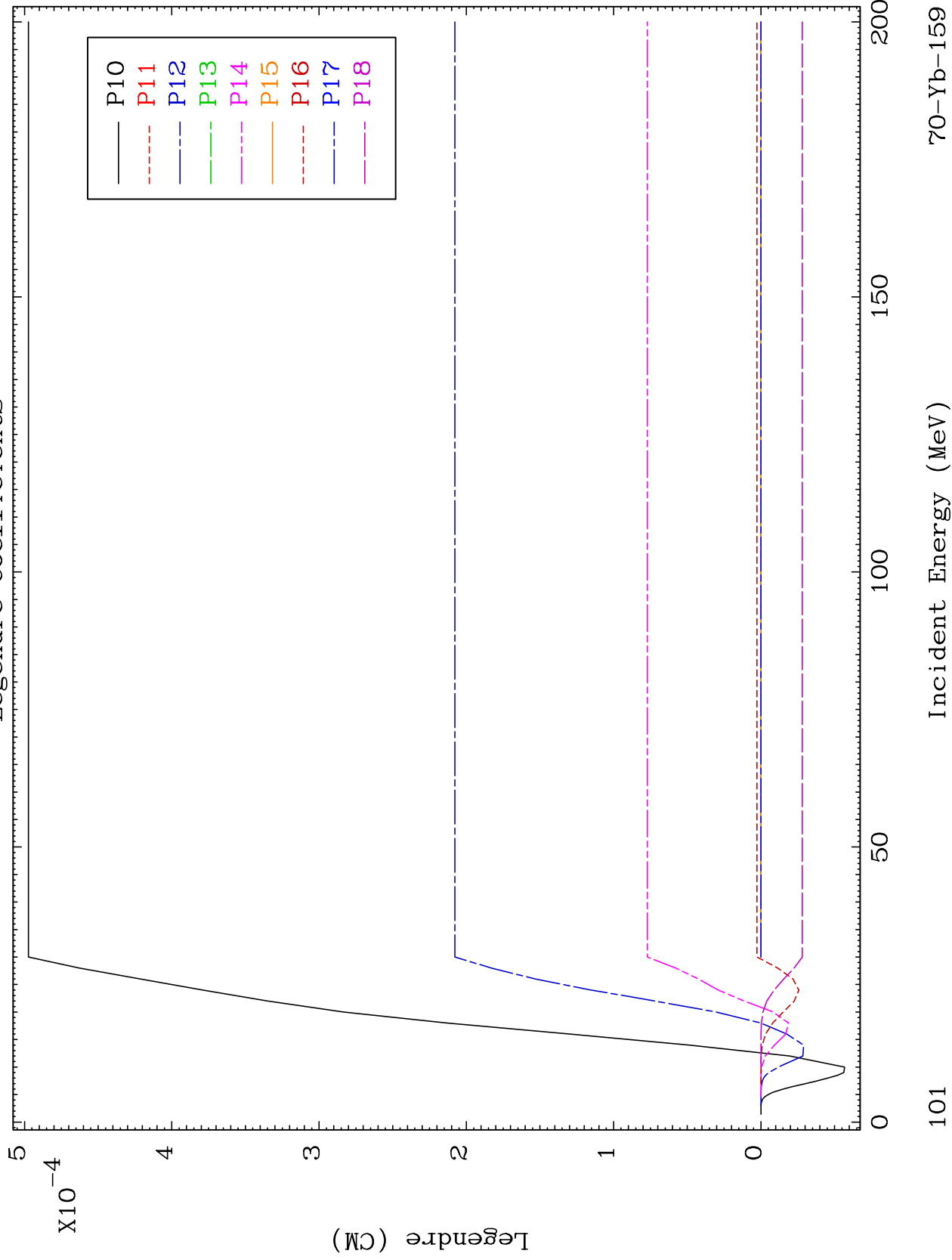
70-Yb-159

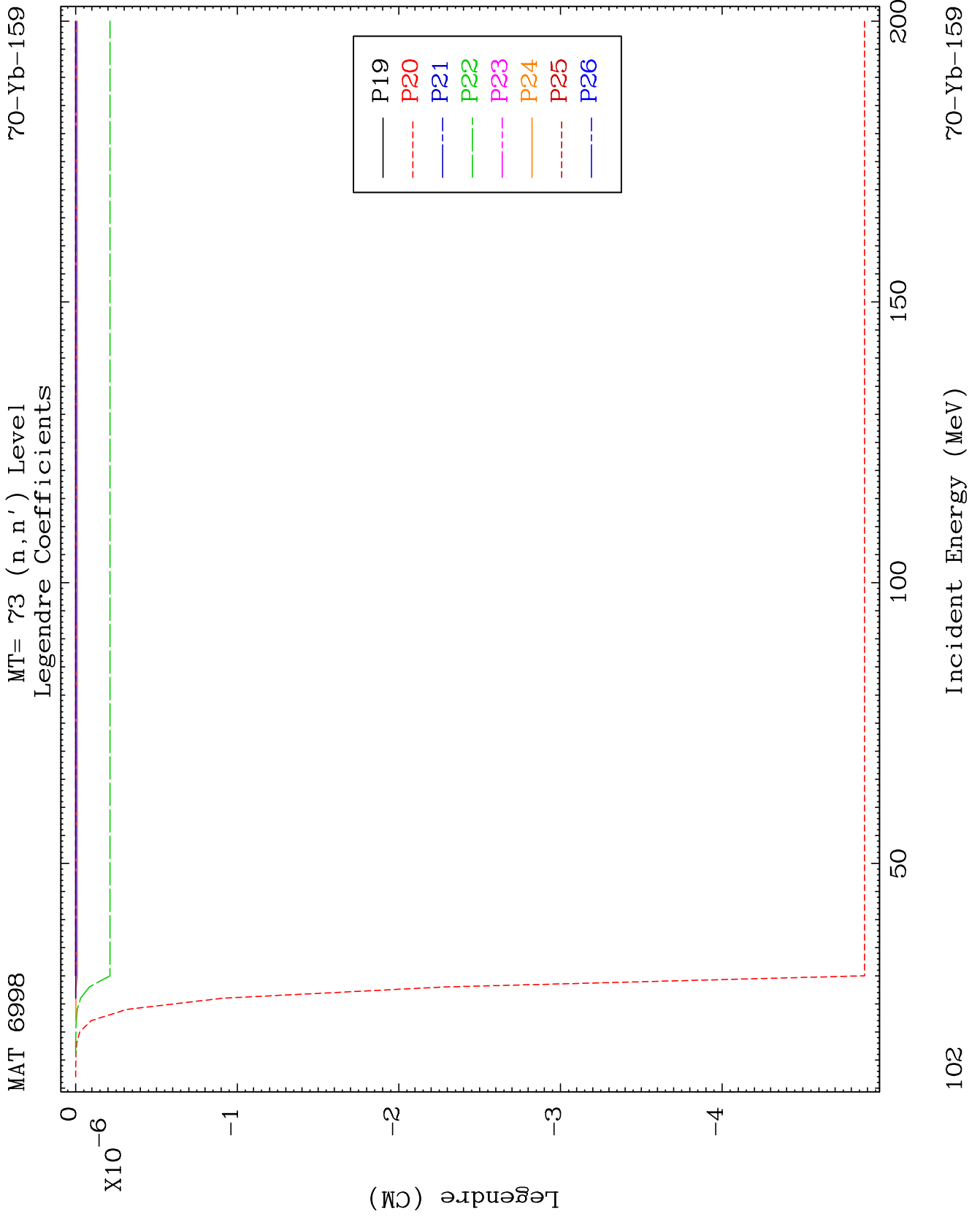


MAT 6998

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

70-Yb-159

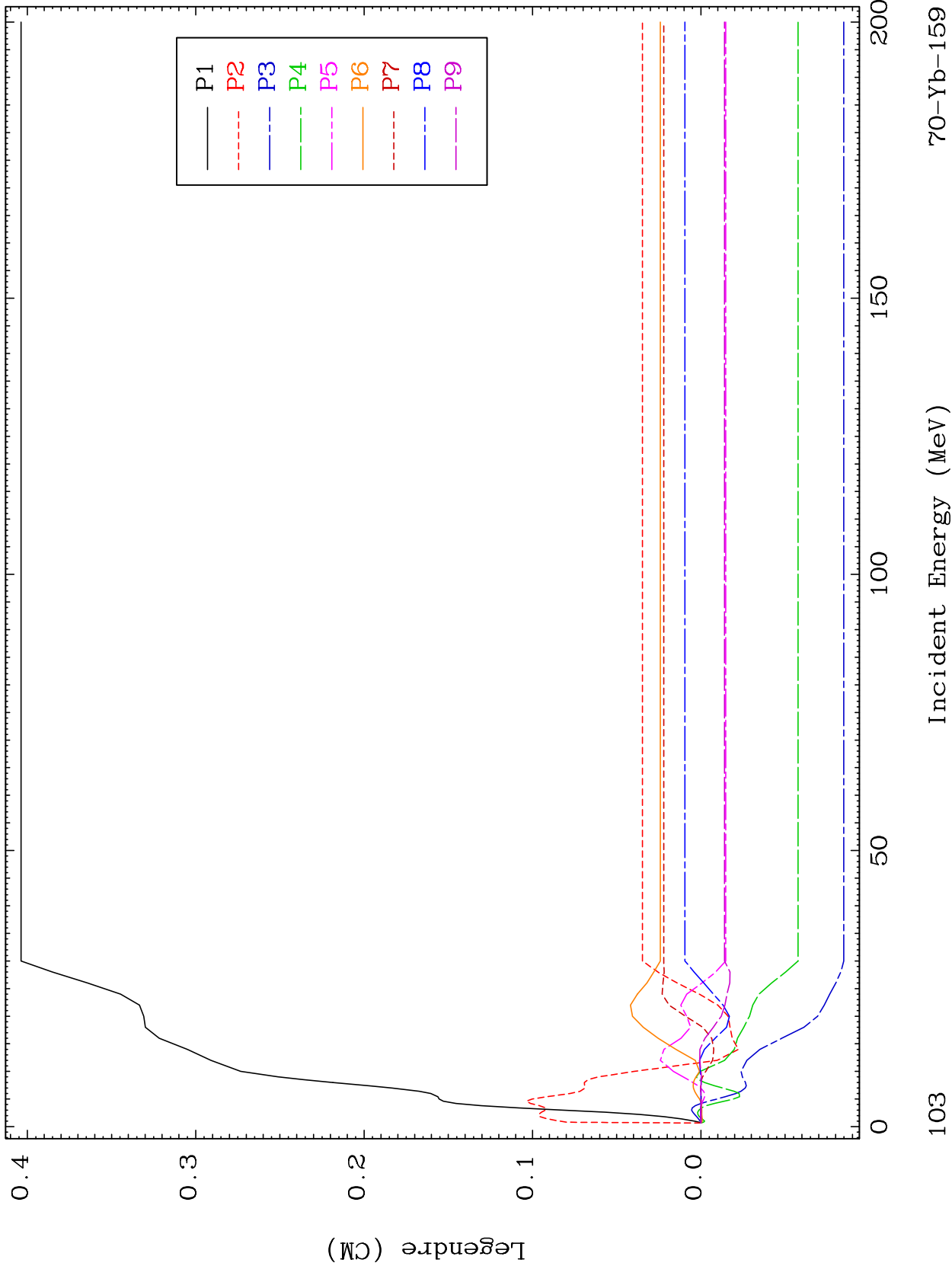




MAT 6998

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

70-Yb-159



103

Incident Energy (MeV)

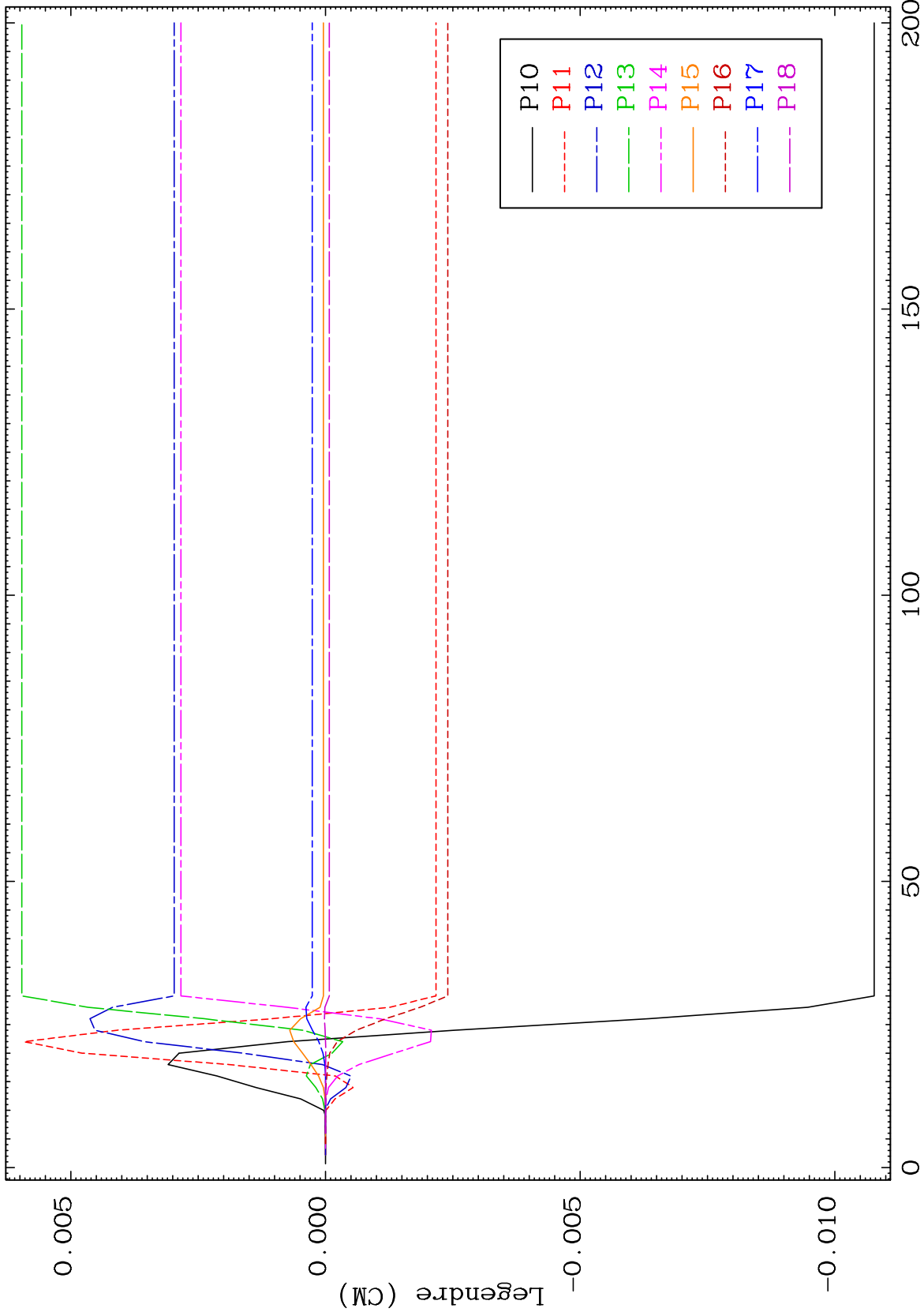
70-Yb-159

MAT 6998

MT= 74 (n,n') Level

70-Yb-159

Legendre Coefficients



104

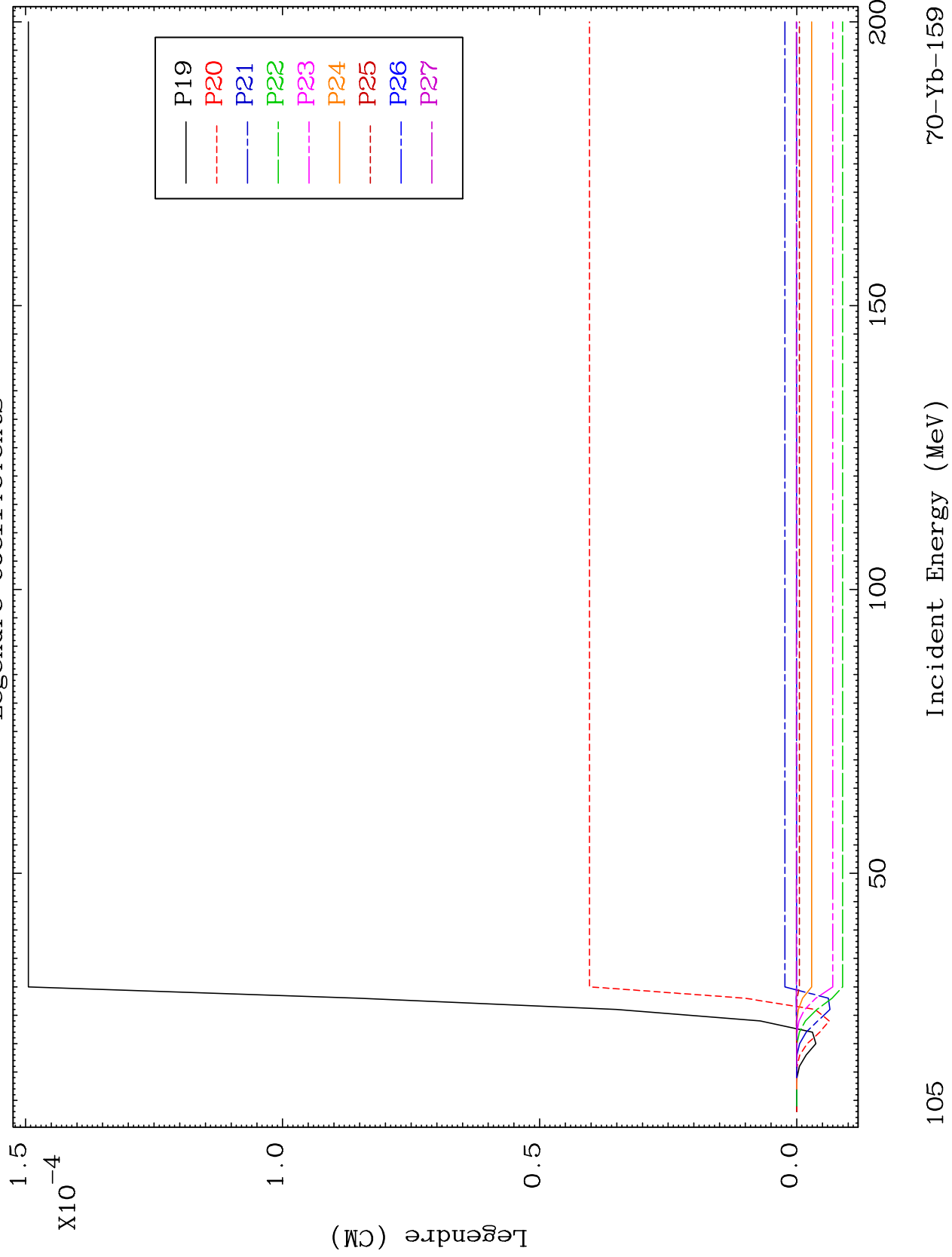
Incident Energy (MeV)

70-Yb-159

MAT 6998

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

70-Yb-159



105

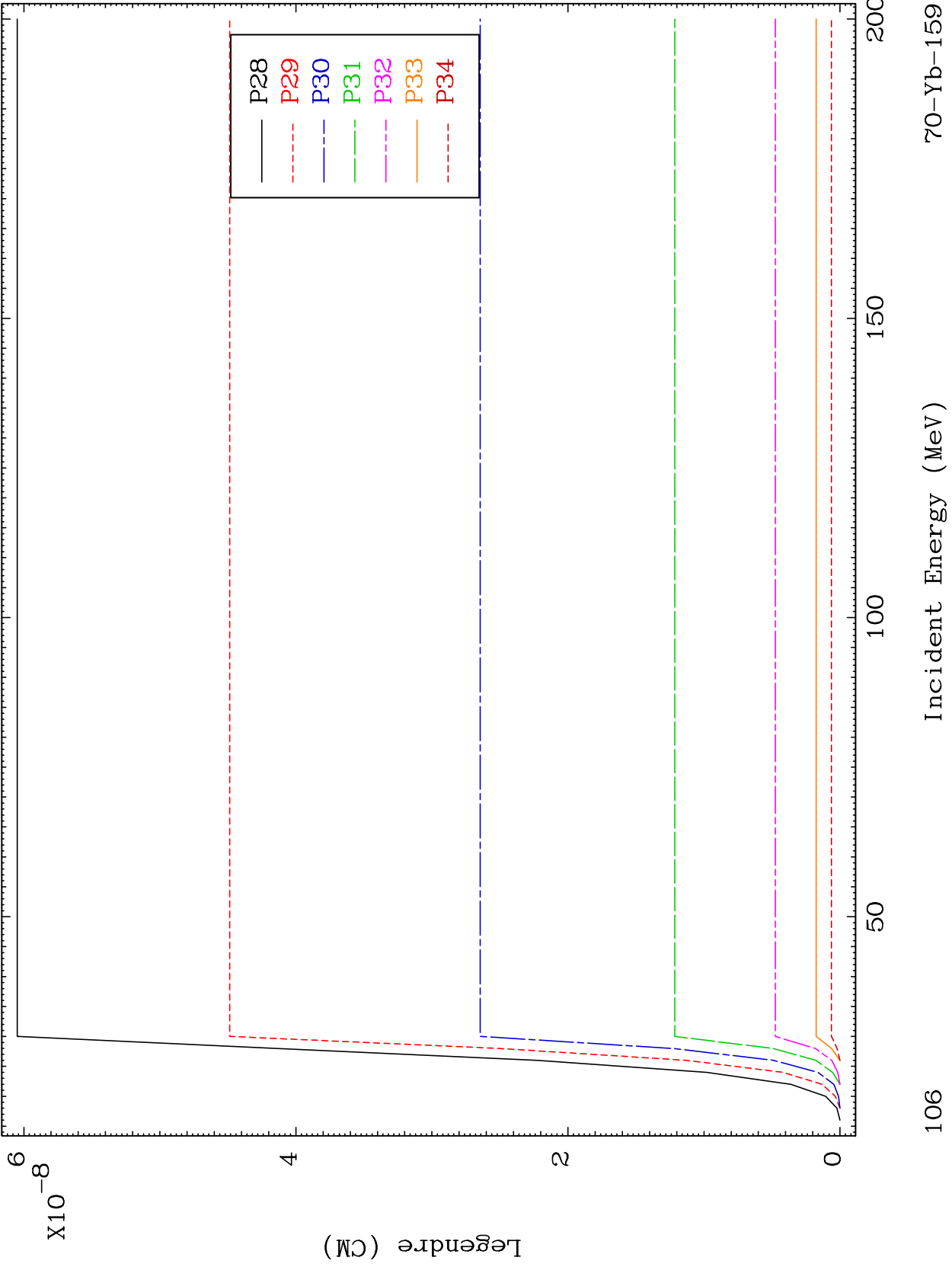
Incident Energy (MeV)

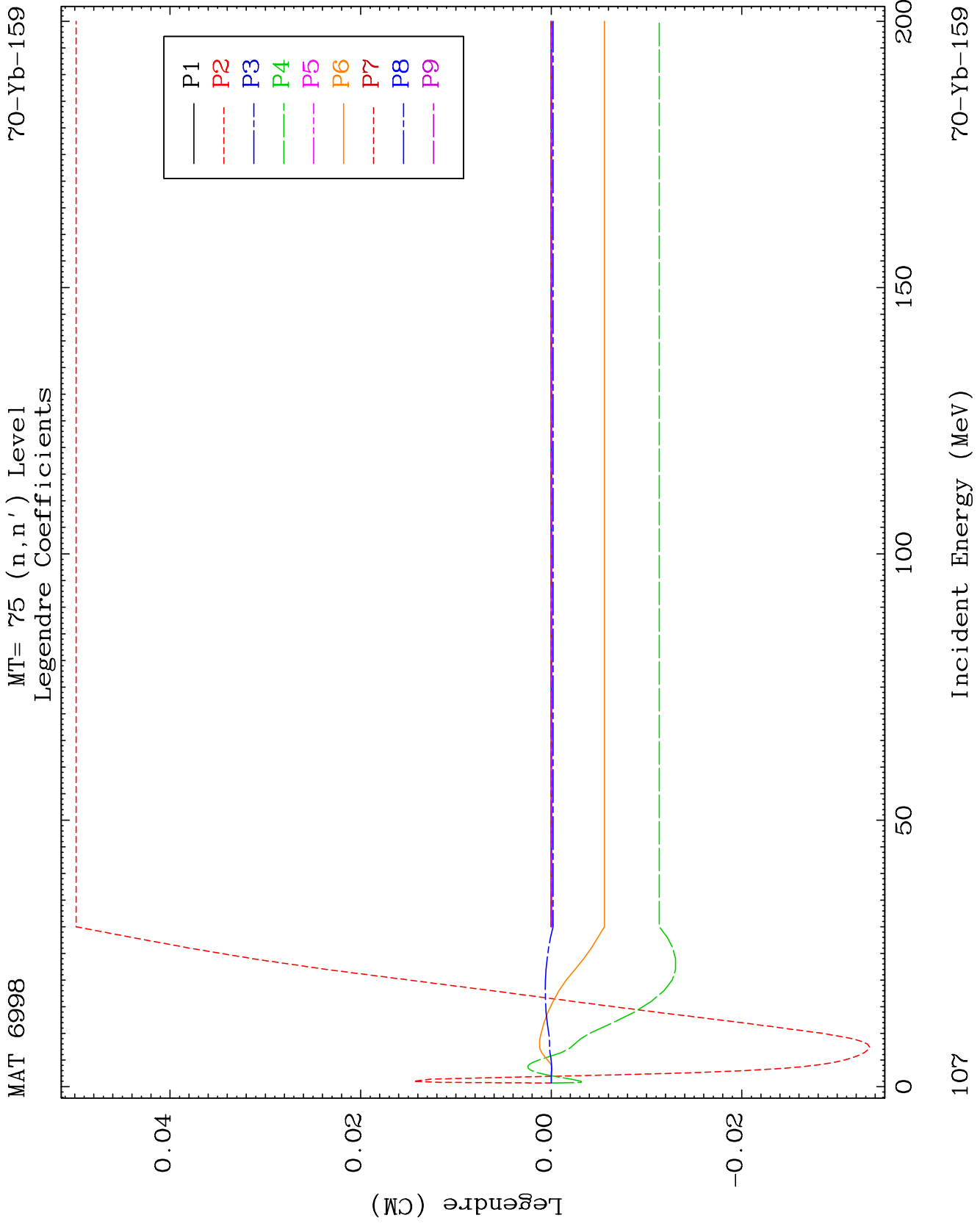
70-Yb-159

MAT 6998

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

70-Yb-159

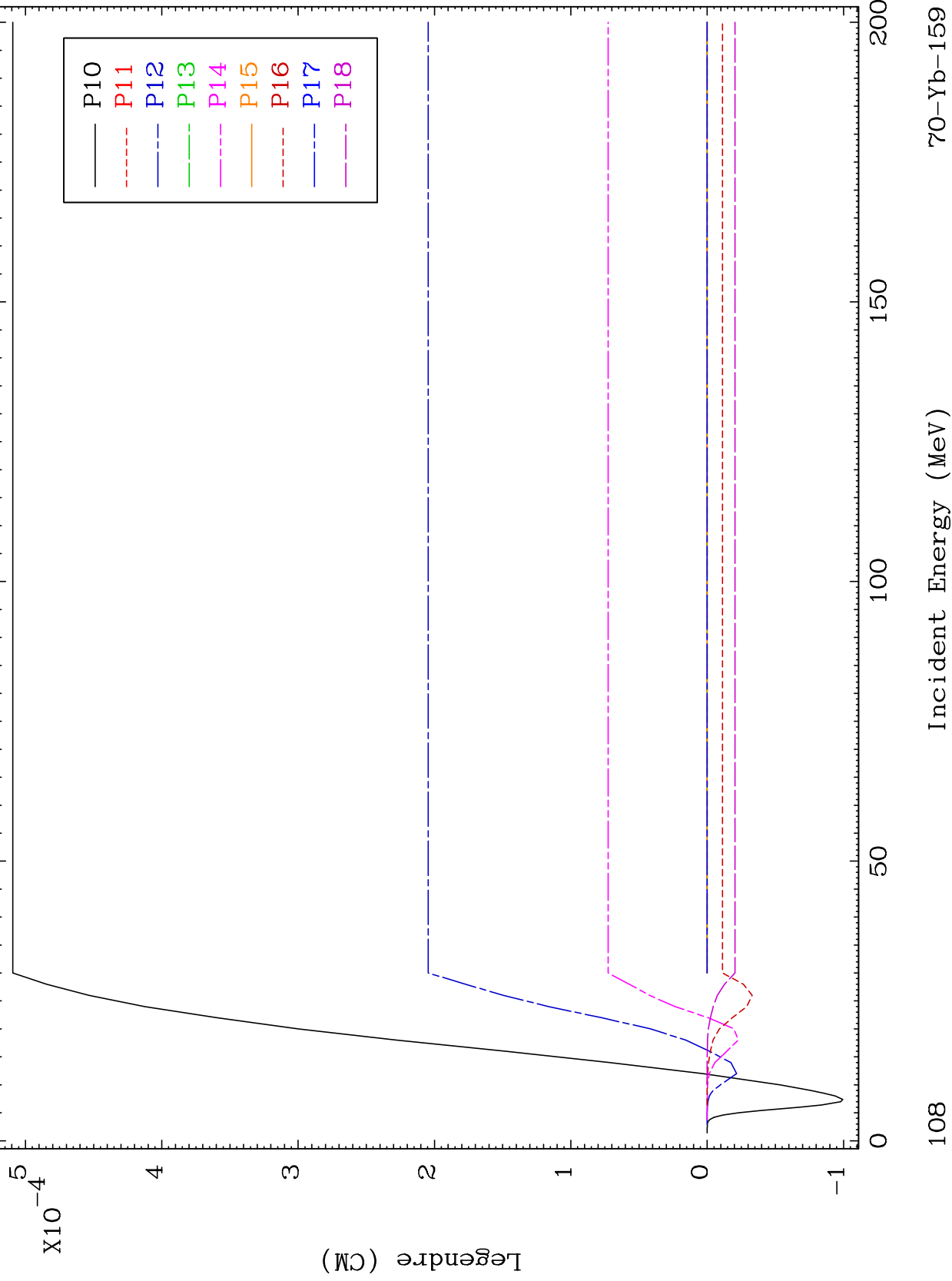




MAT 6998

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

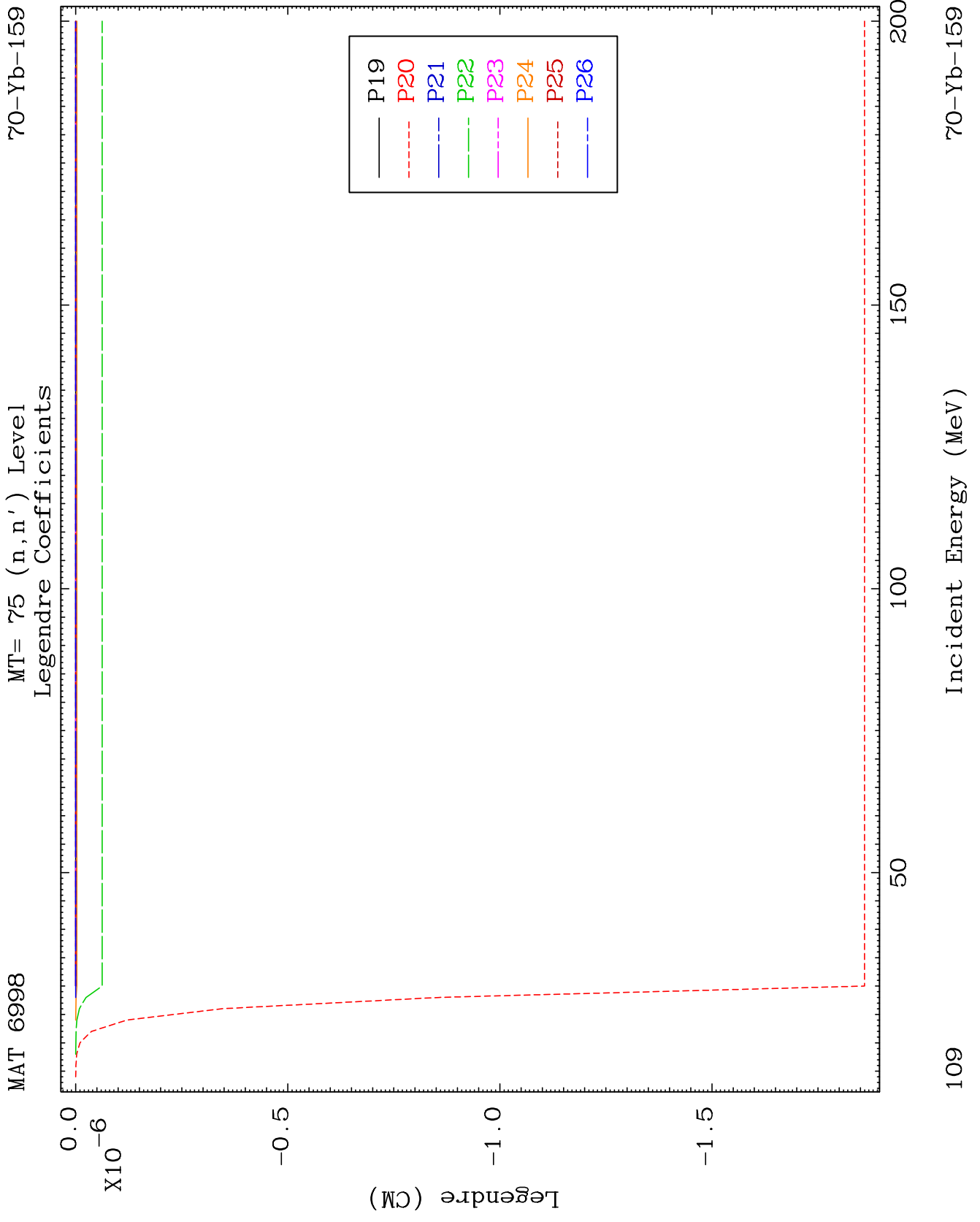
70-Yb-159

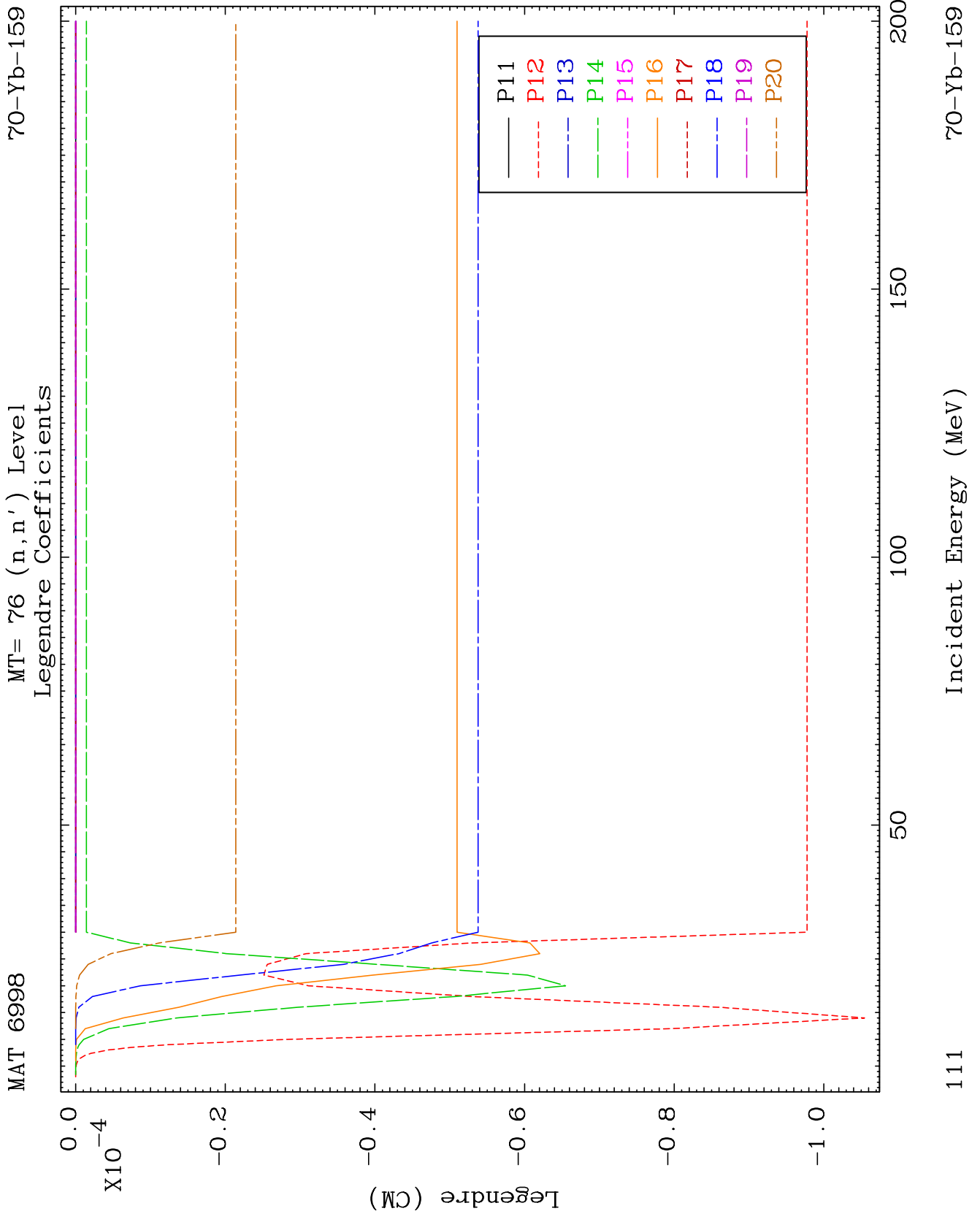


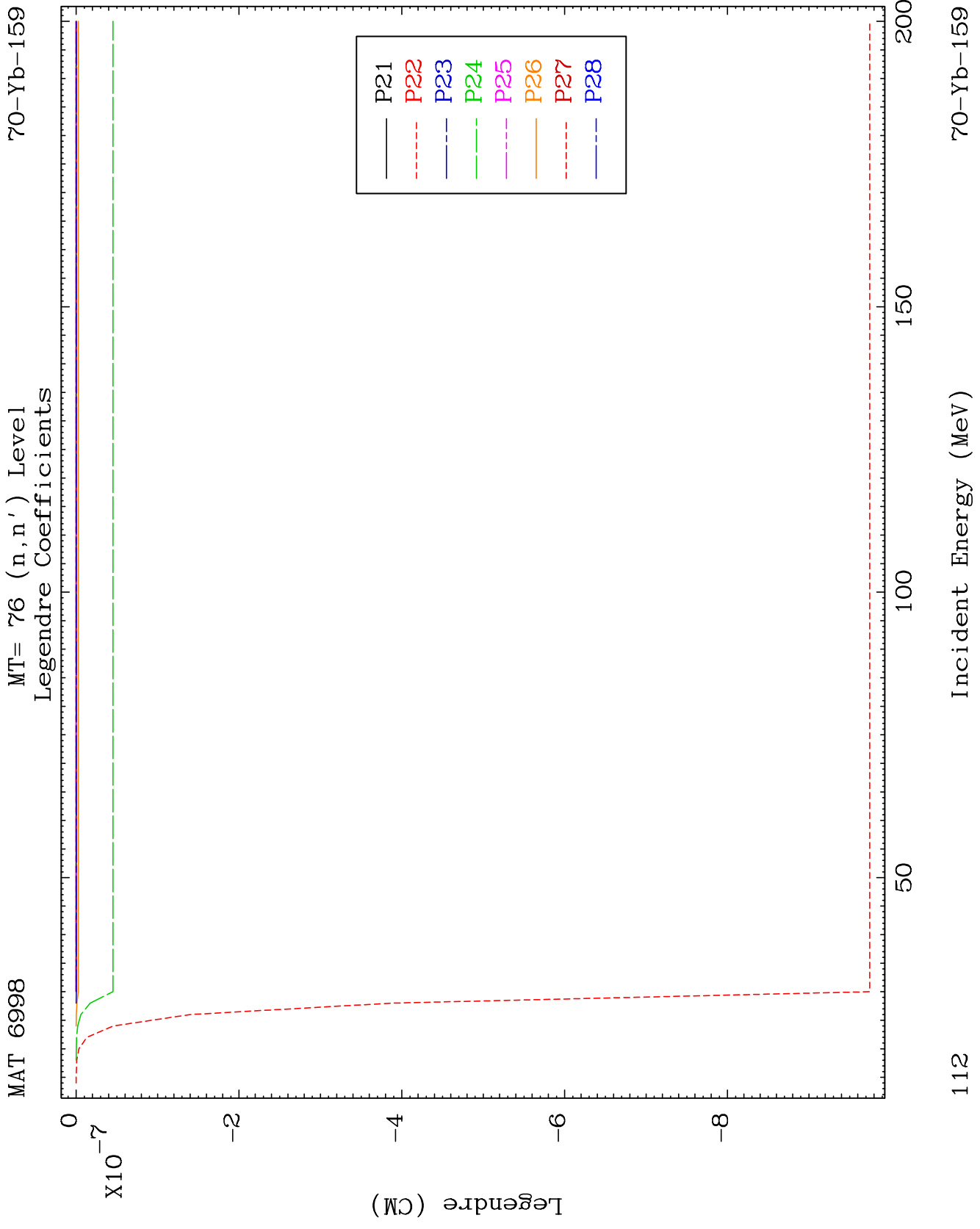
108

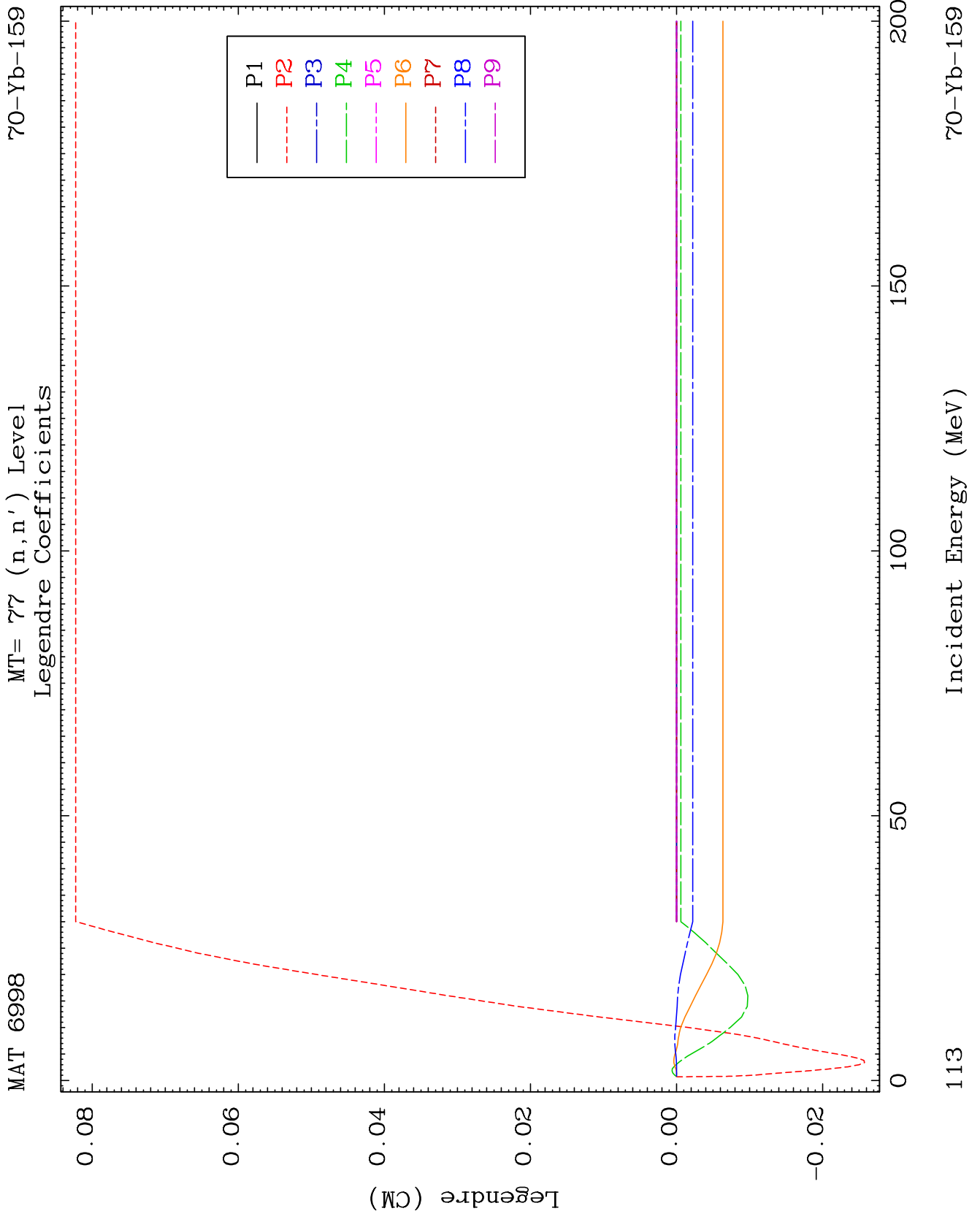
Incident Energy (MeV)

70-Yb-159





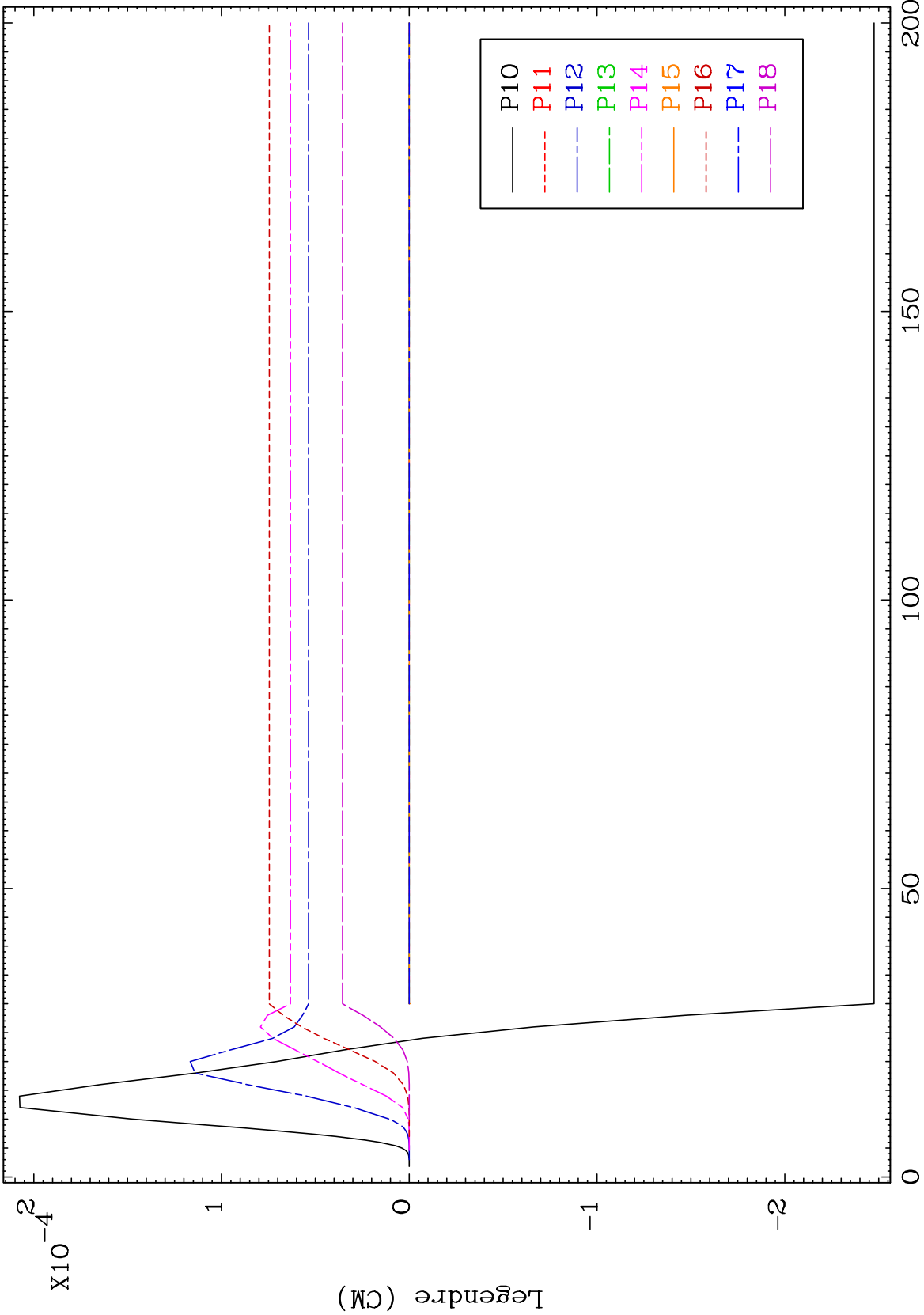




MAT 6998

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

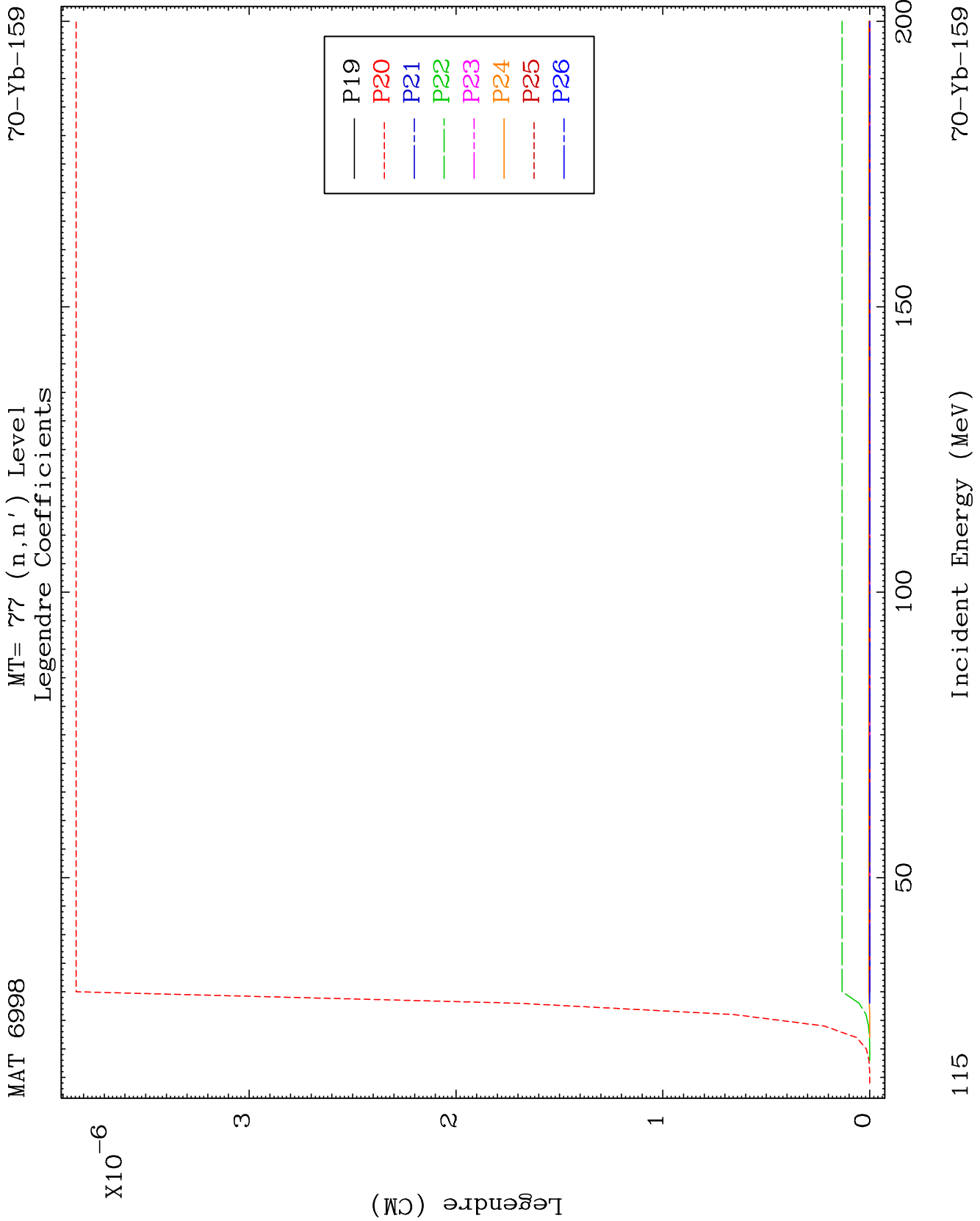
70-Yb-159

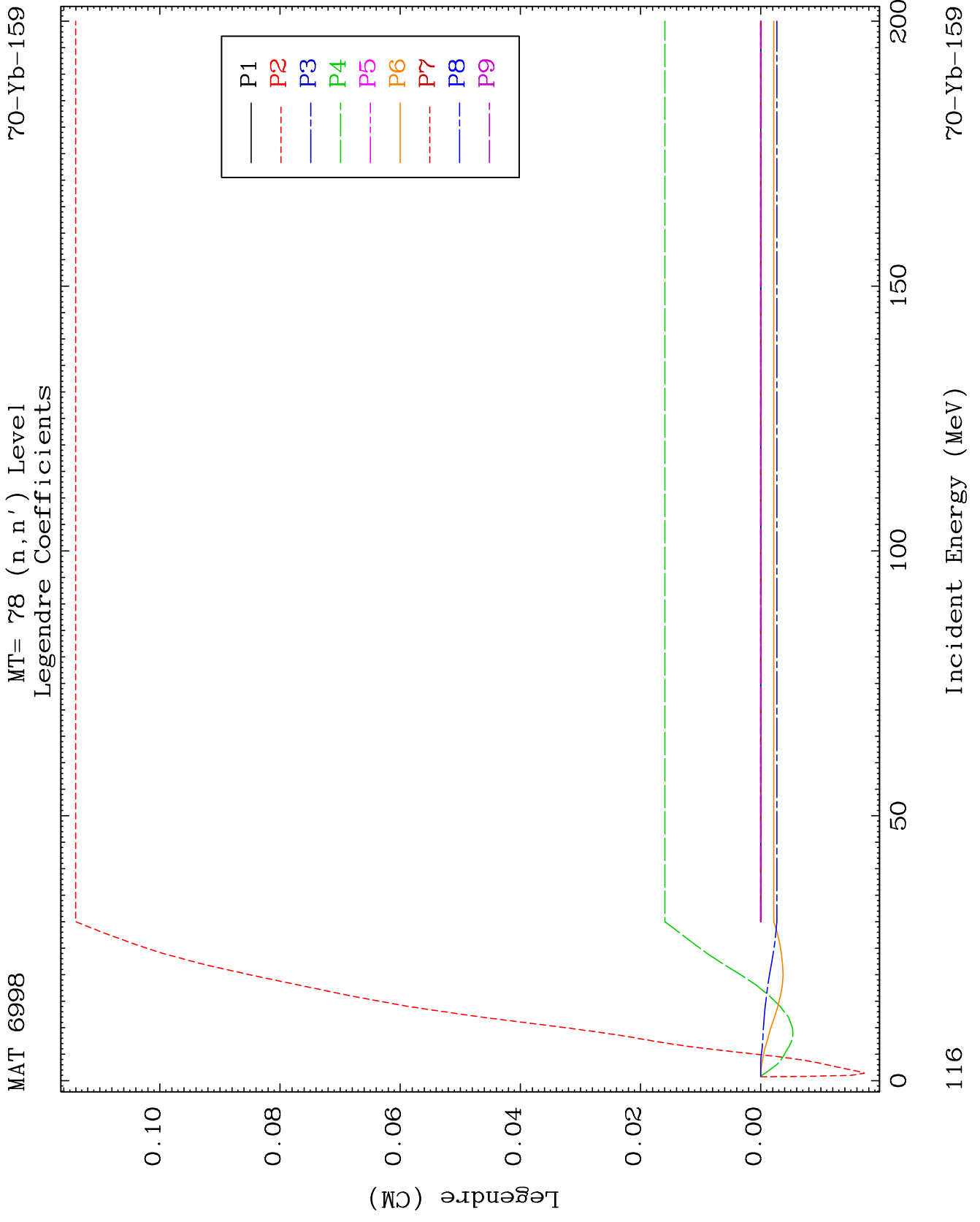


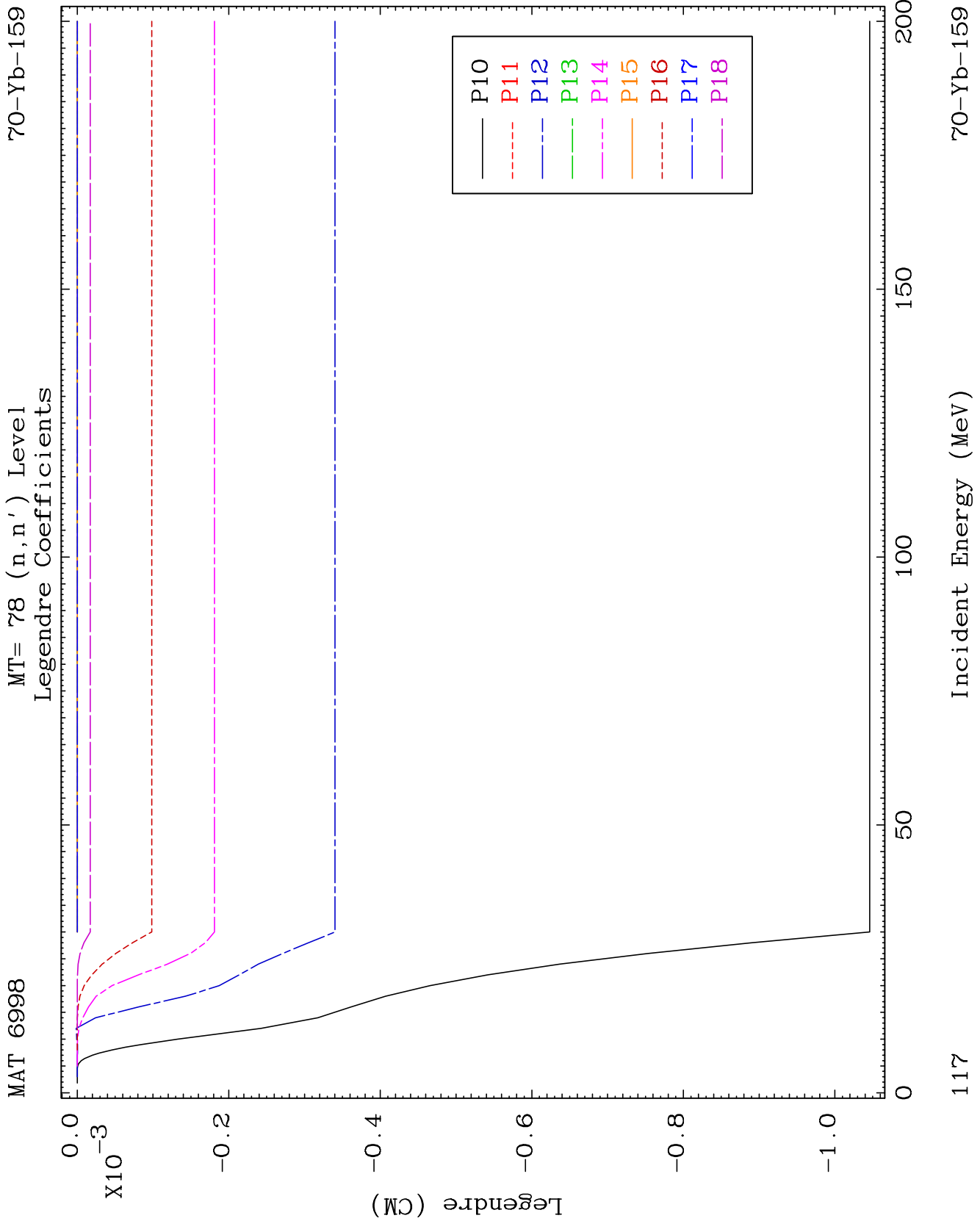
114

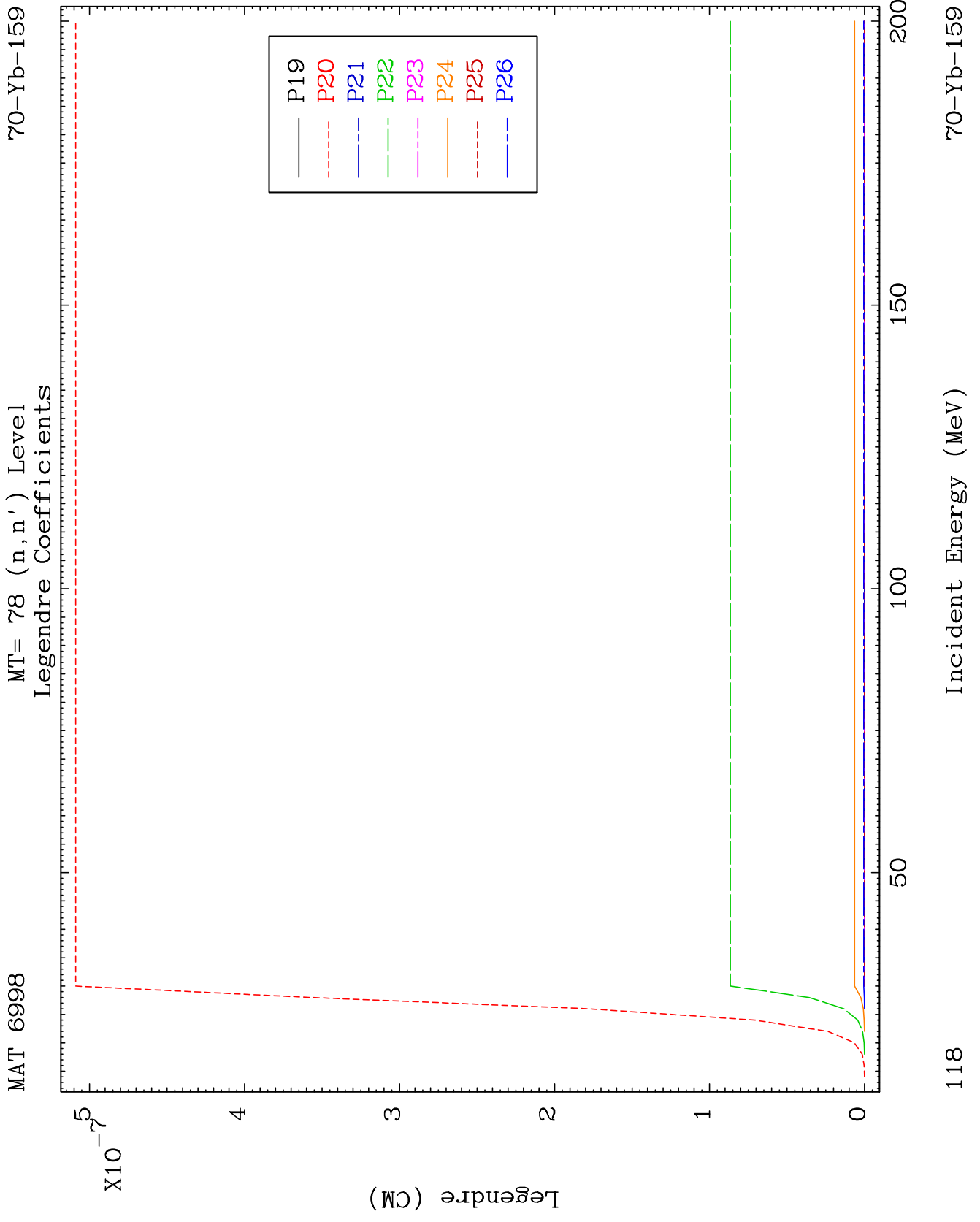
Incident Energy (MeV)

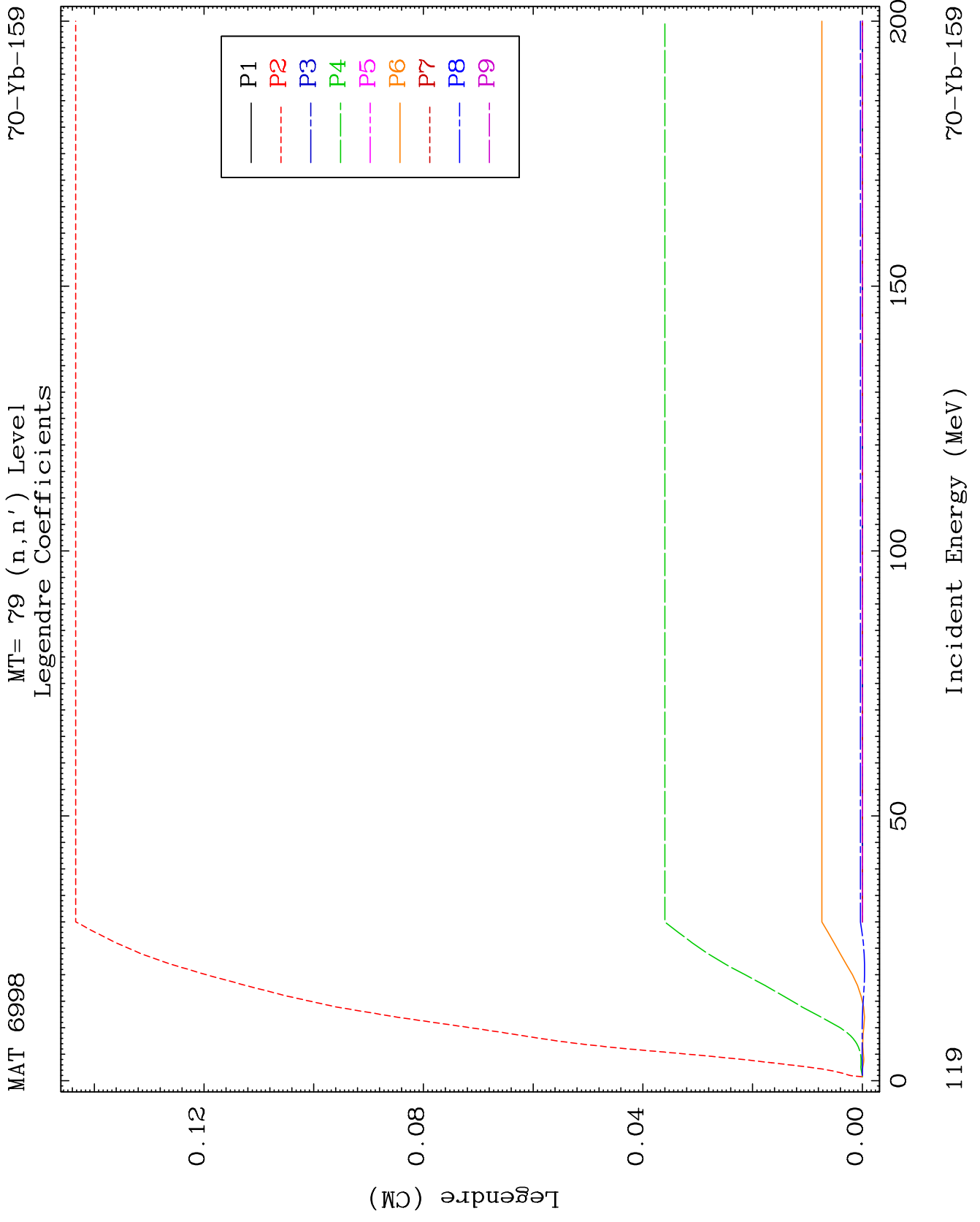
70-Yb-159

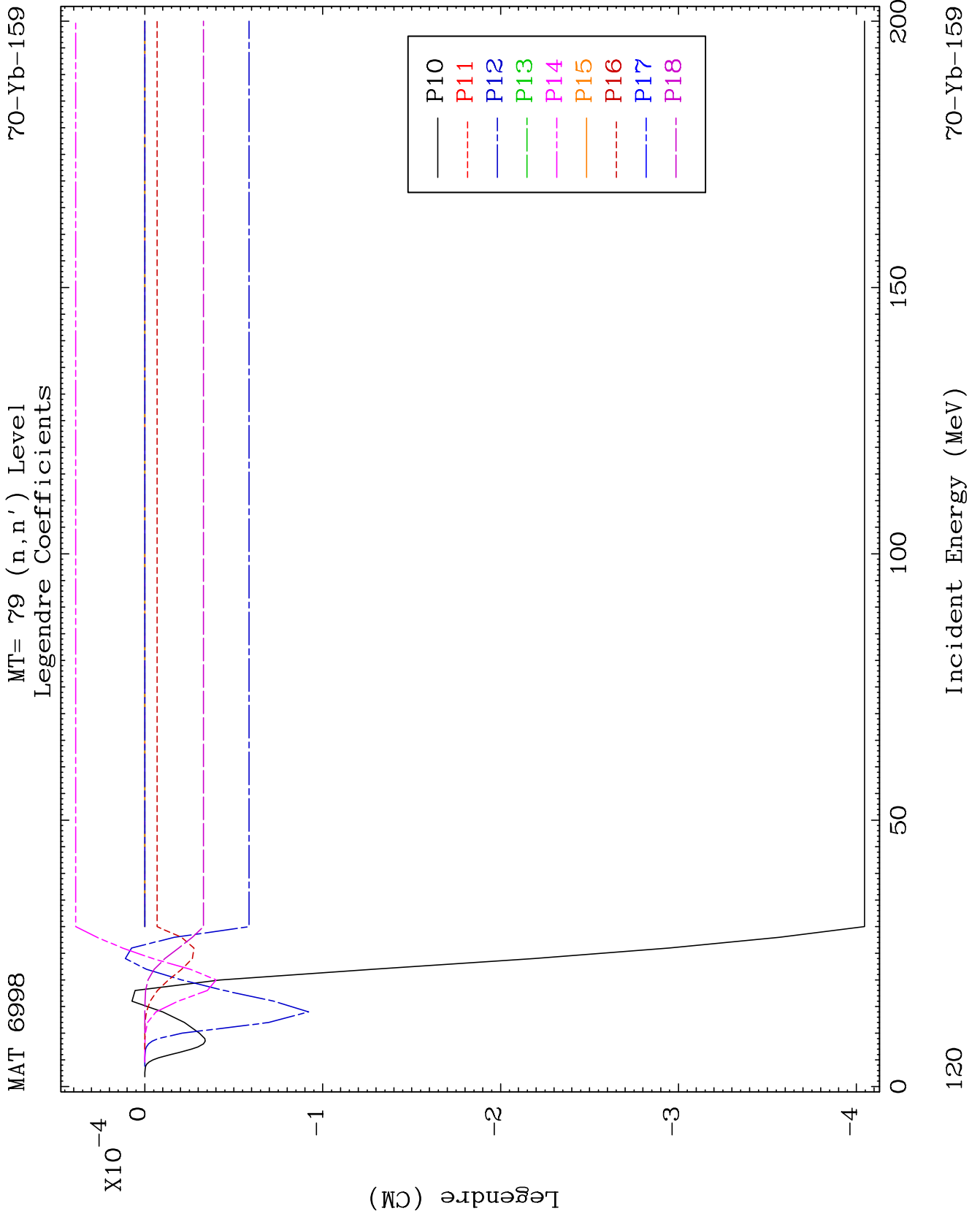


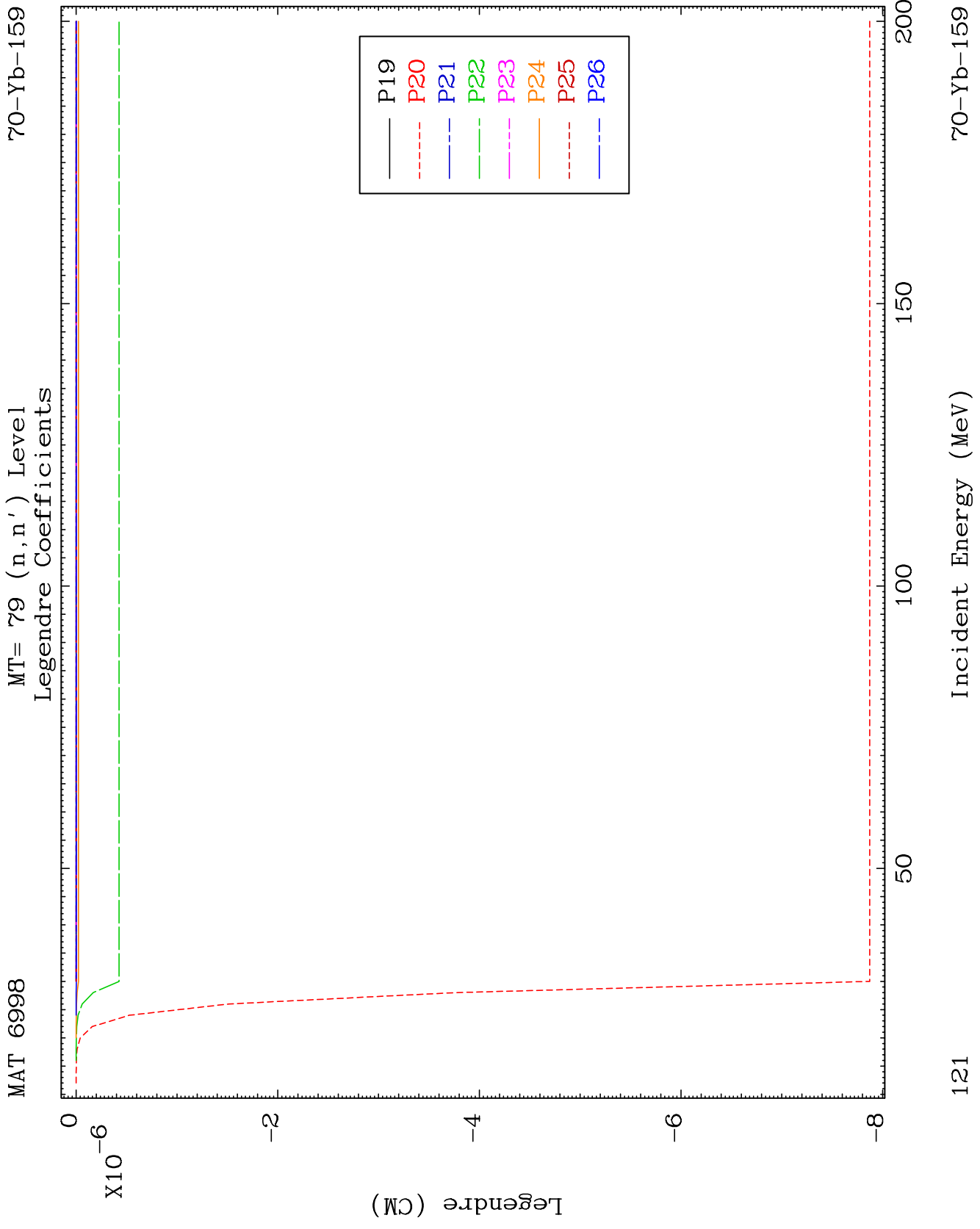










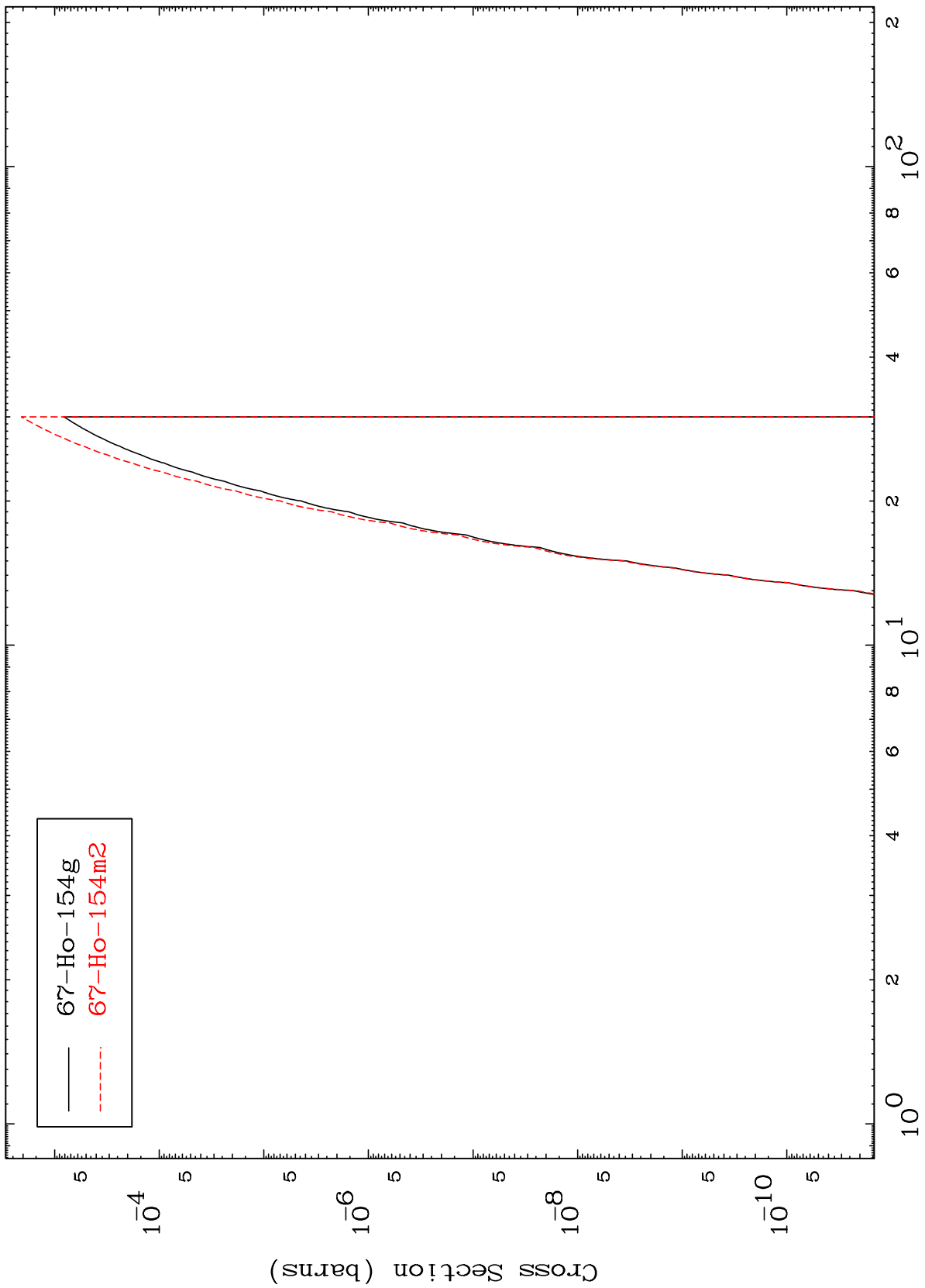


MAT 6998

(n,n') p α

70-Yb-159

Radionuclide Production Cross Section



67-Ho-154g
67-Ho-154m2

Incident Energy (MeV)

70-Yb-159

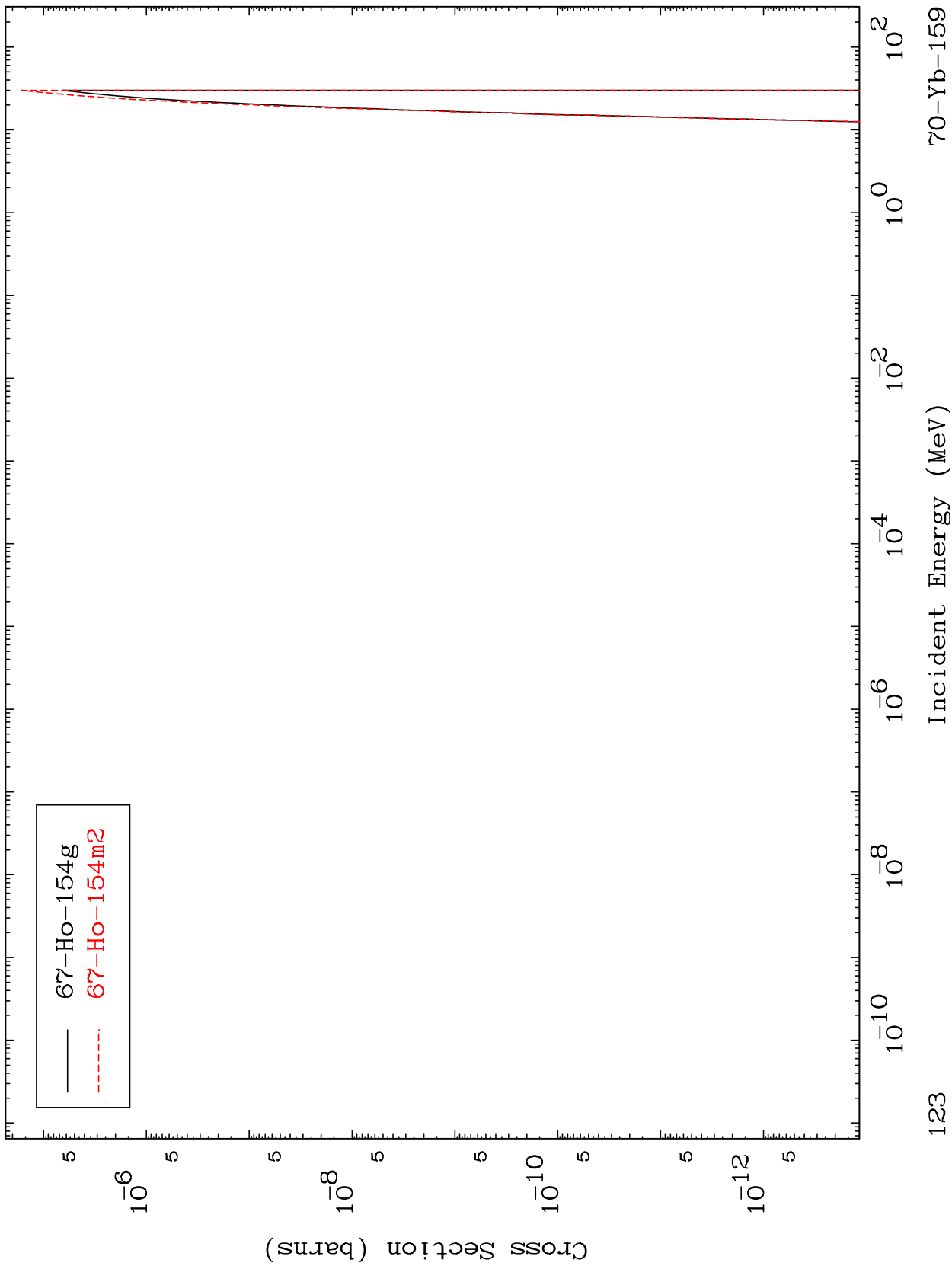
122

MAT 6998

(n,d) α

70-Yb-159

Radionuclide Production Cross Section



67-Ho-154g
67-Ho-154m2