

Program EVALPLOT
(Version 2021-1)

by

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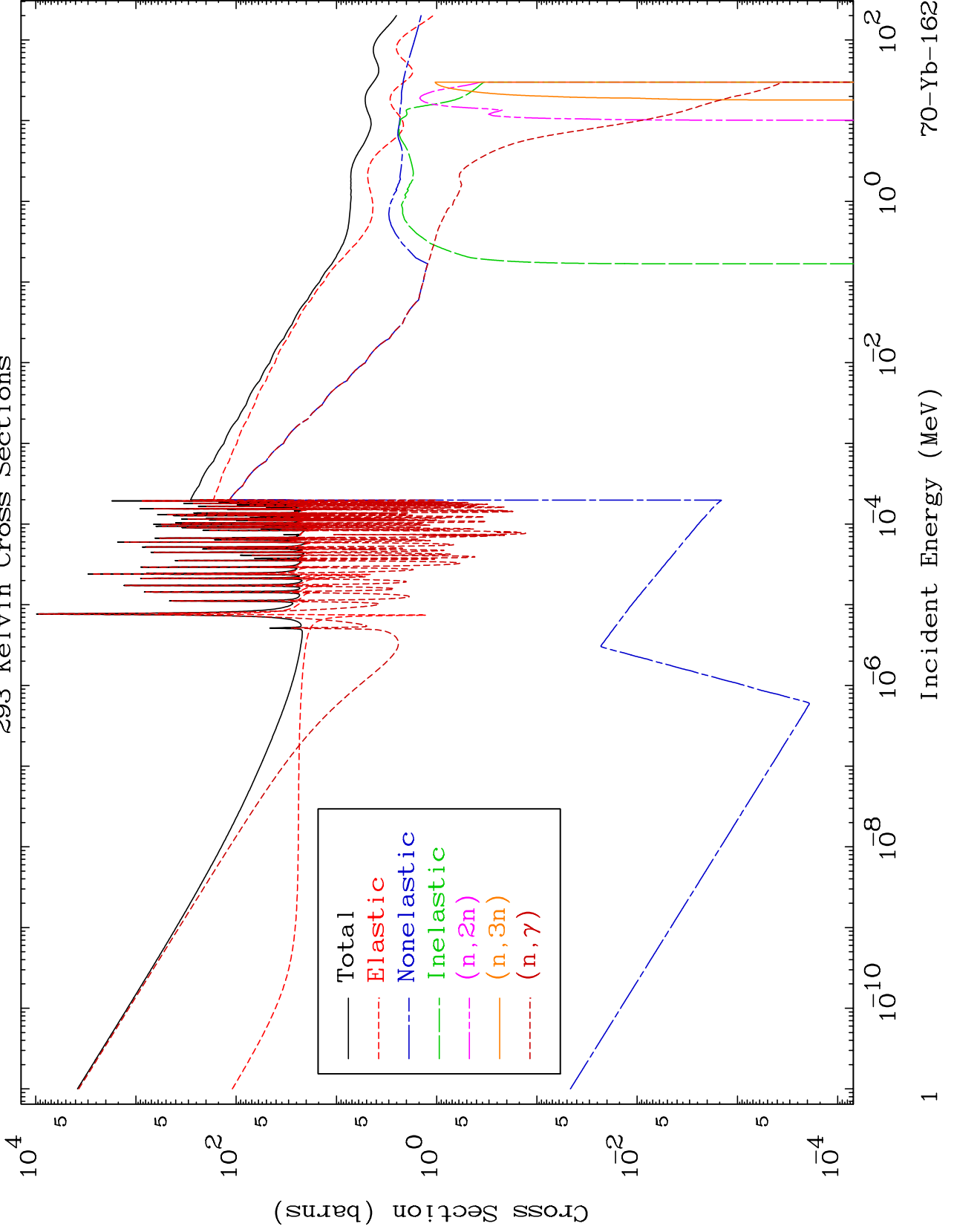
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Press Mouse Button to Start

MAT 7007

Neutron Major
293 Kelvin Cross Sections

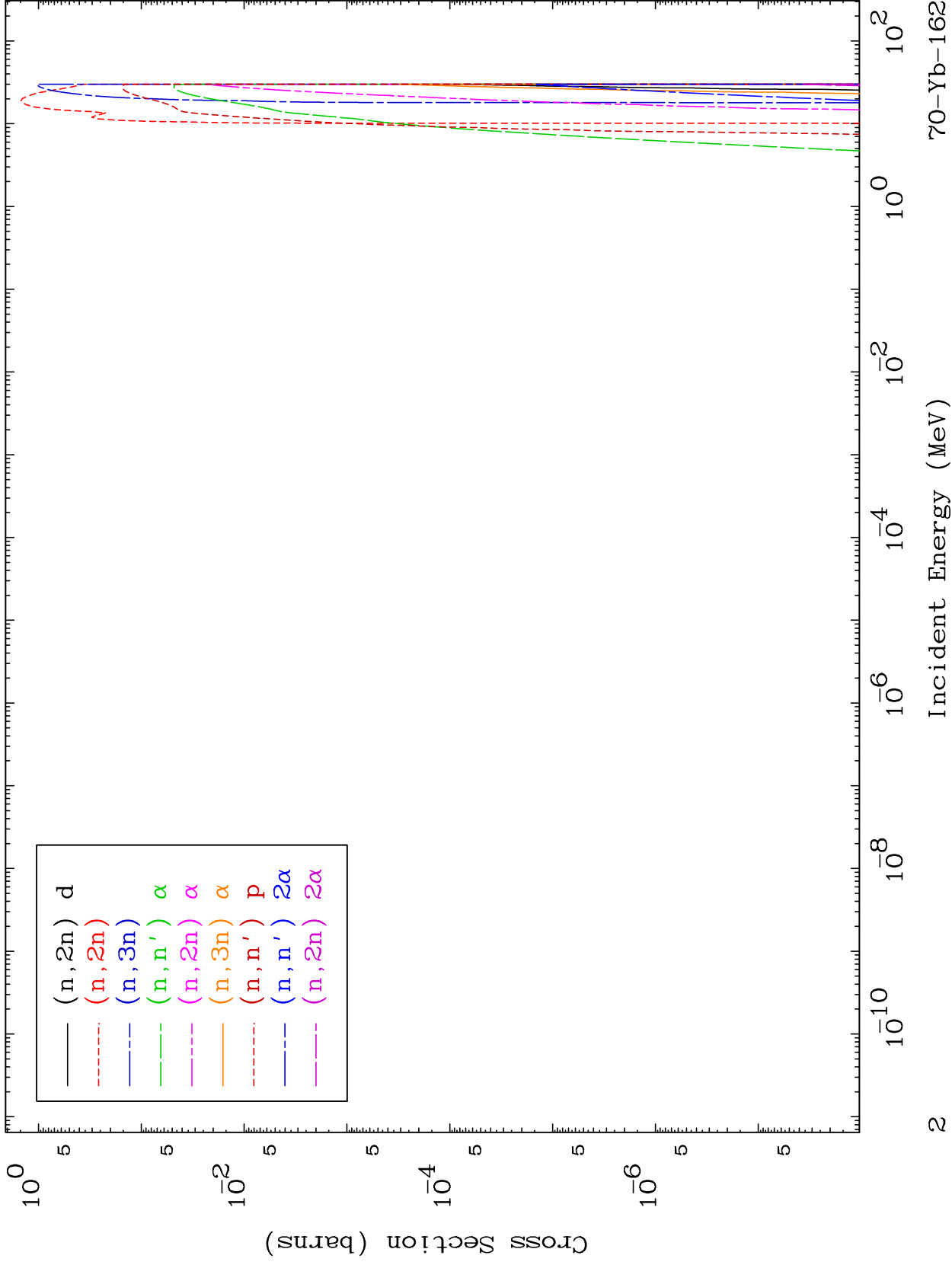
70-Yb-162



MAT 7007

Neutron Absorption
293 Kelvin Cross Sections

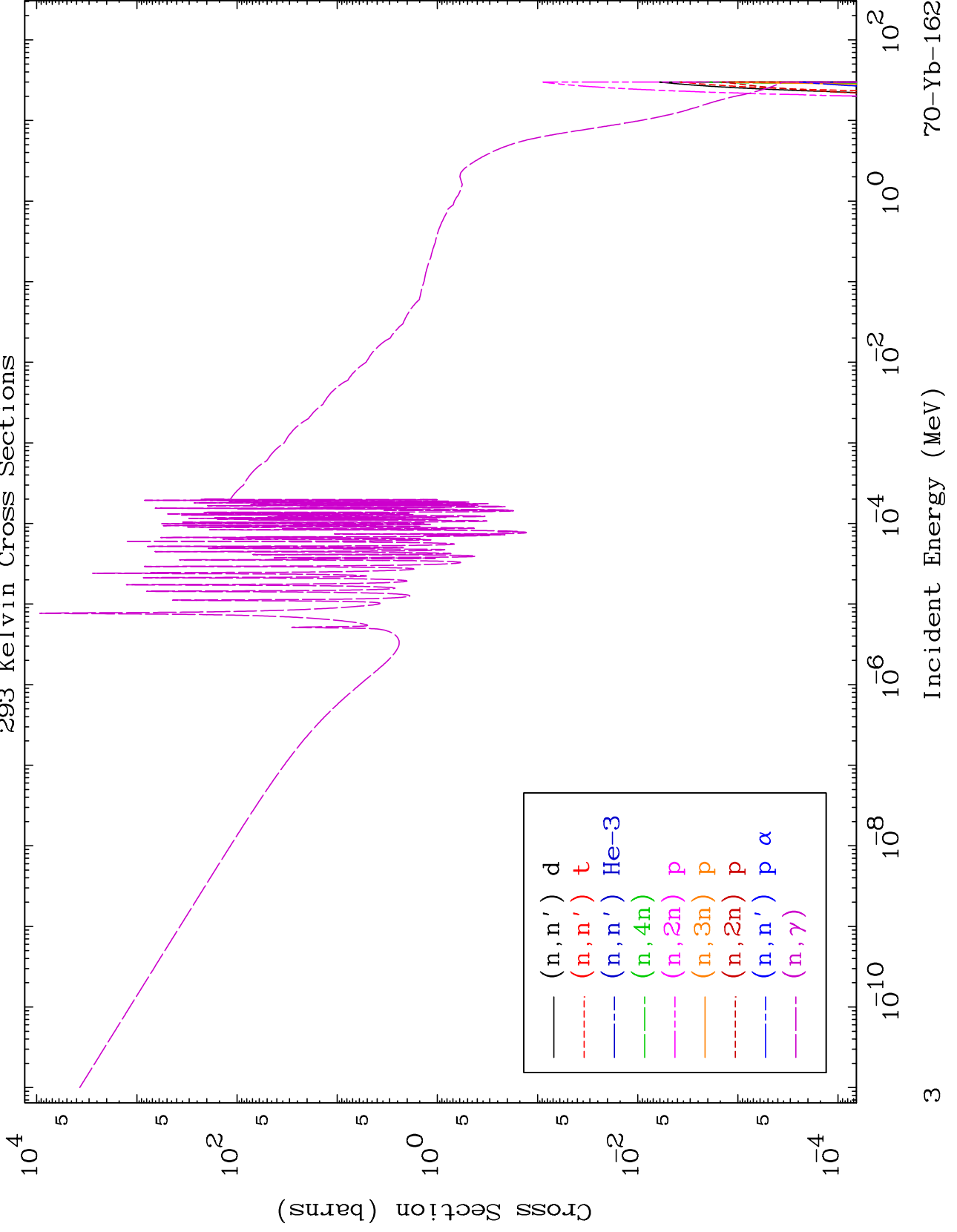
70-Yb-162



MAT 7007

Neutron Absorption
293 Kelvin Cross Sections

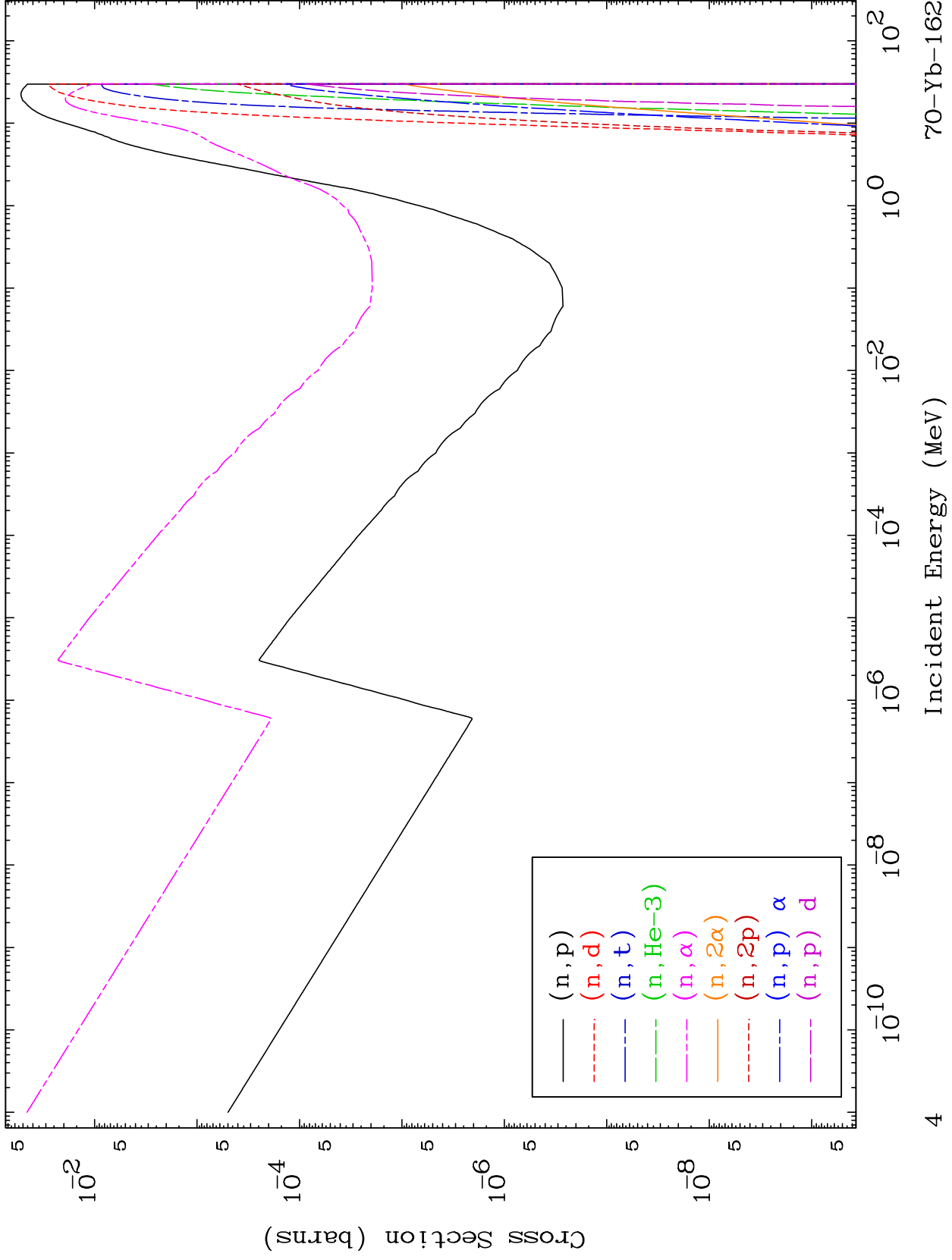
70-Yb-162



MAT 7007

Neutron Absorption
293 Kelvin Cross Sections

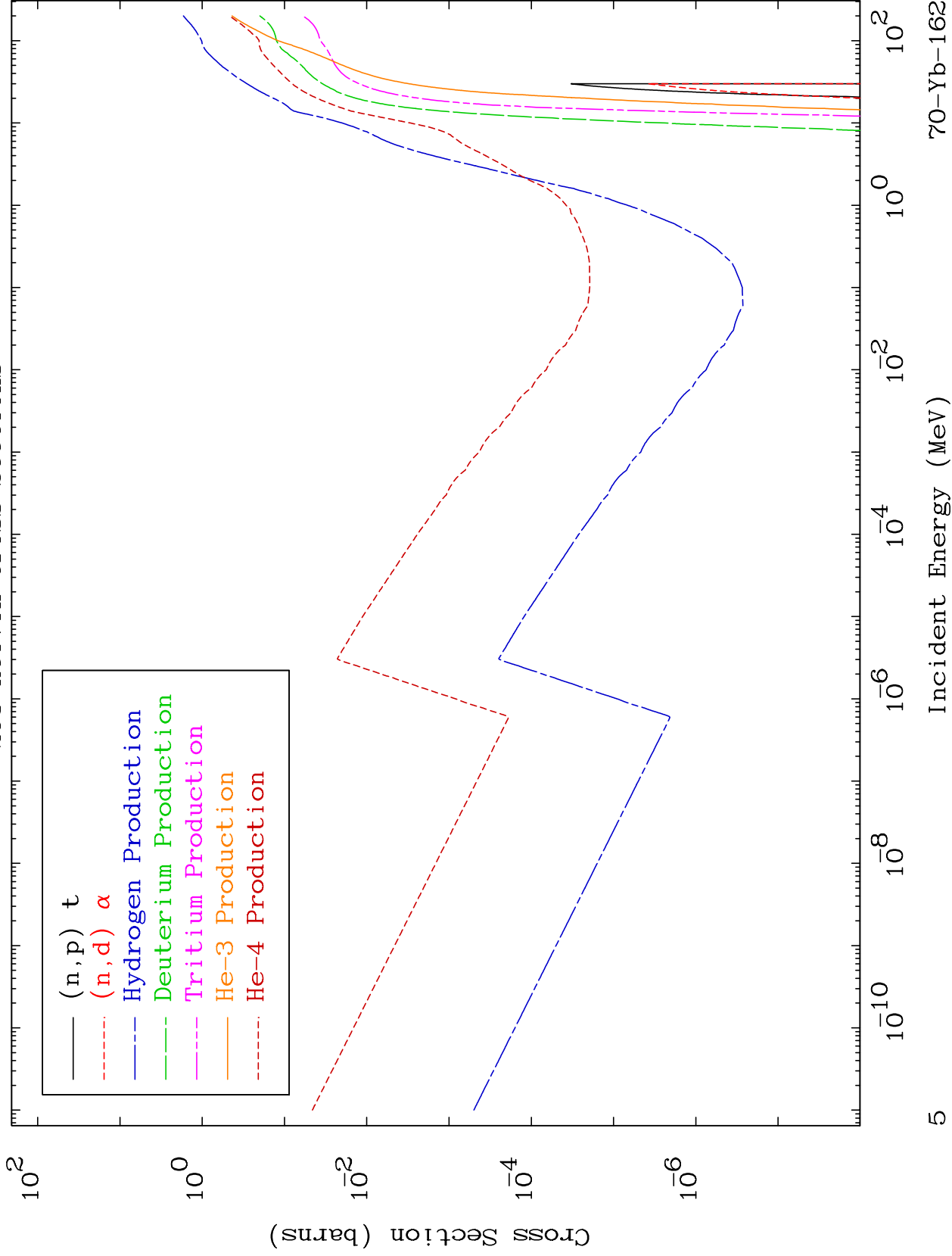
70-Yb-162



MAT 7007

Neutron Absorption
293 Kelvin Cross Sections

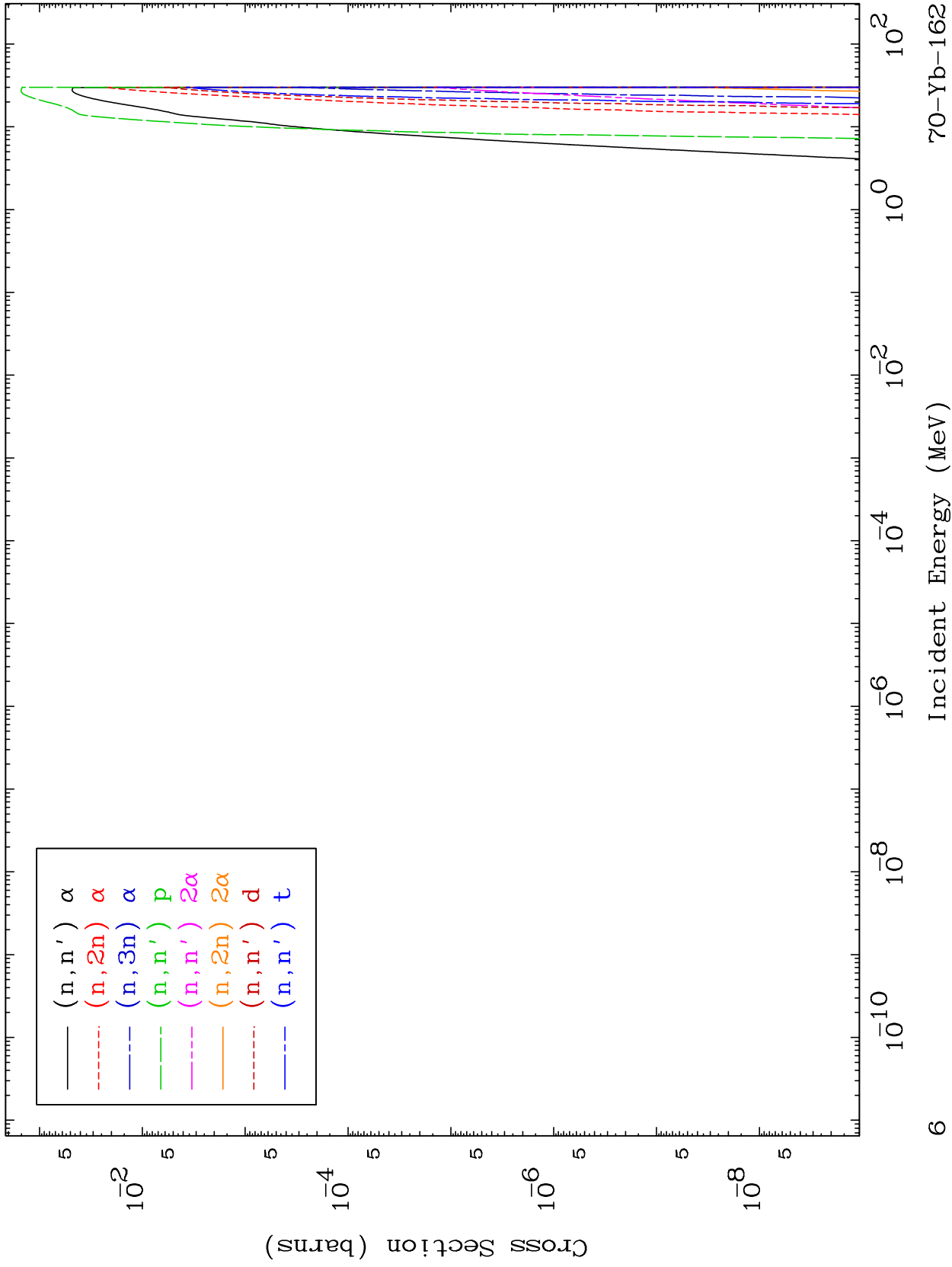
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MAT 7007

Charged Particle
293 Kelvin Cross Sections

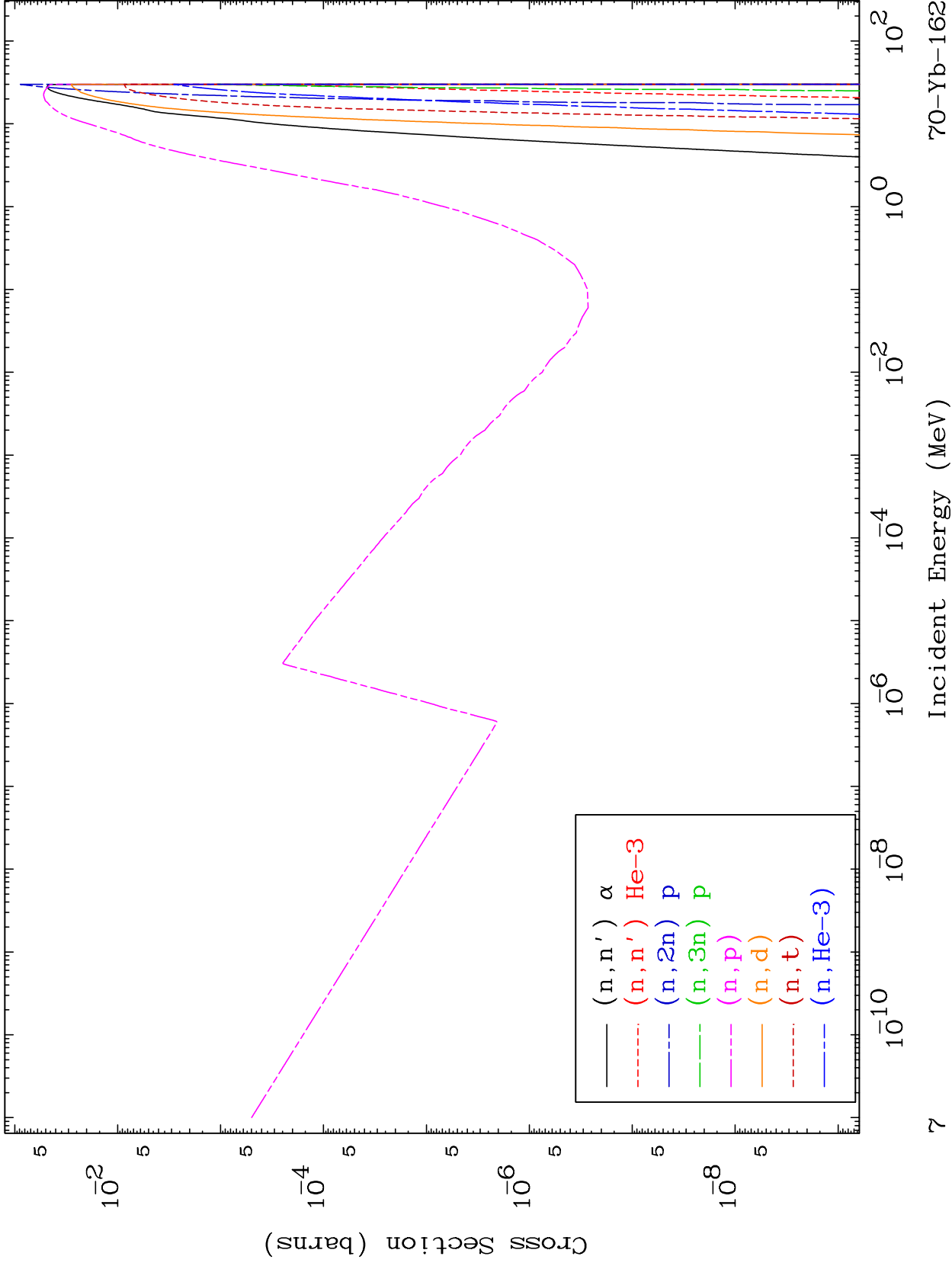
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MAT 7007

Charged Particle
293 Kelvin Cross Sections

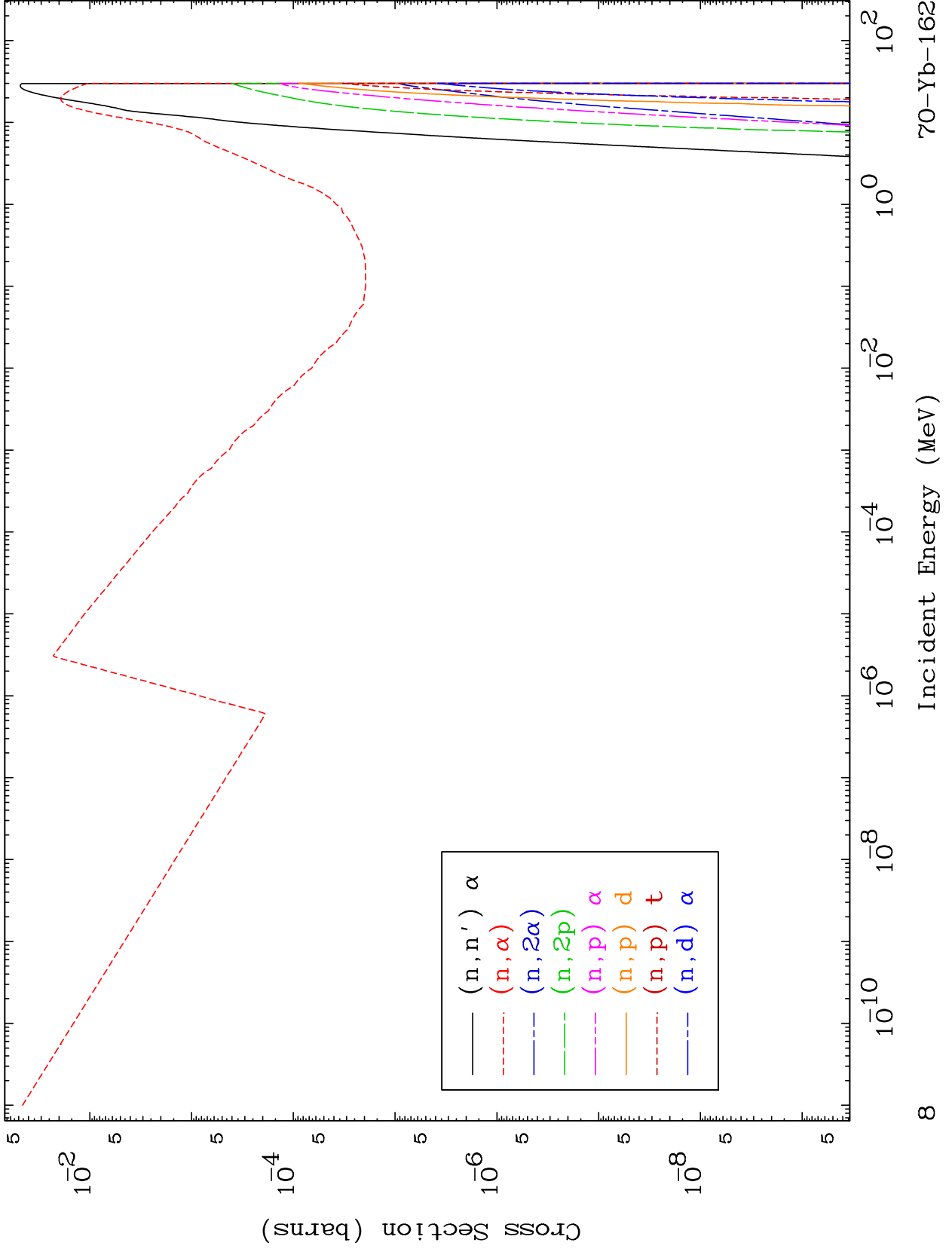
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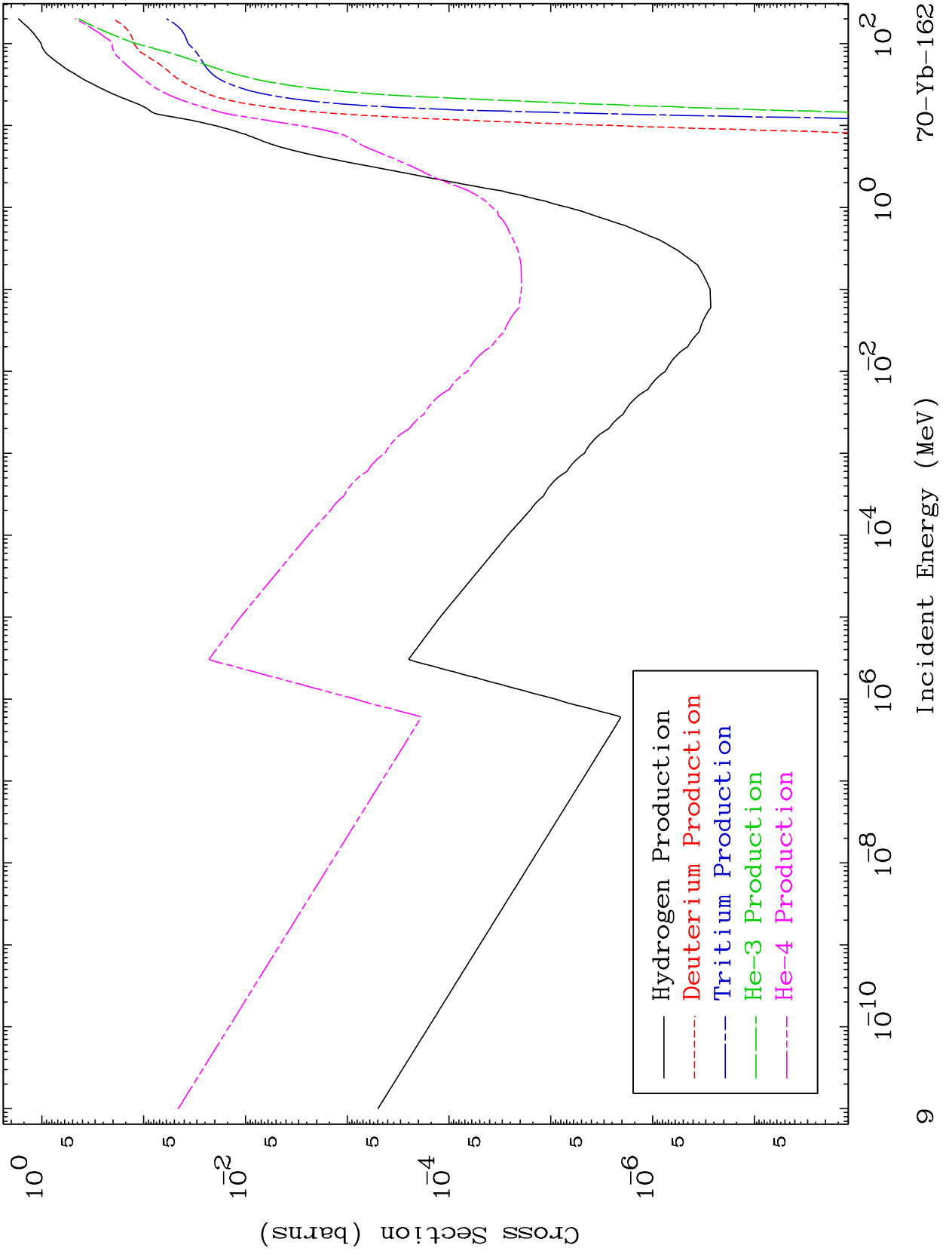


MAT 7007

Charged Particle
293 Kelvin Cross Sections

70-Yb-162

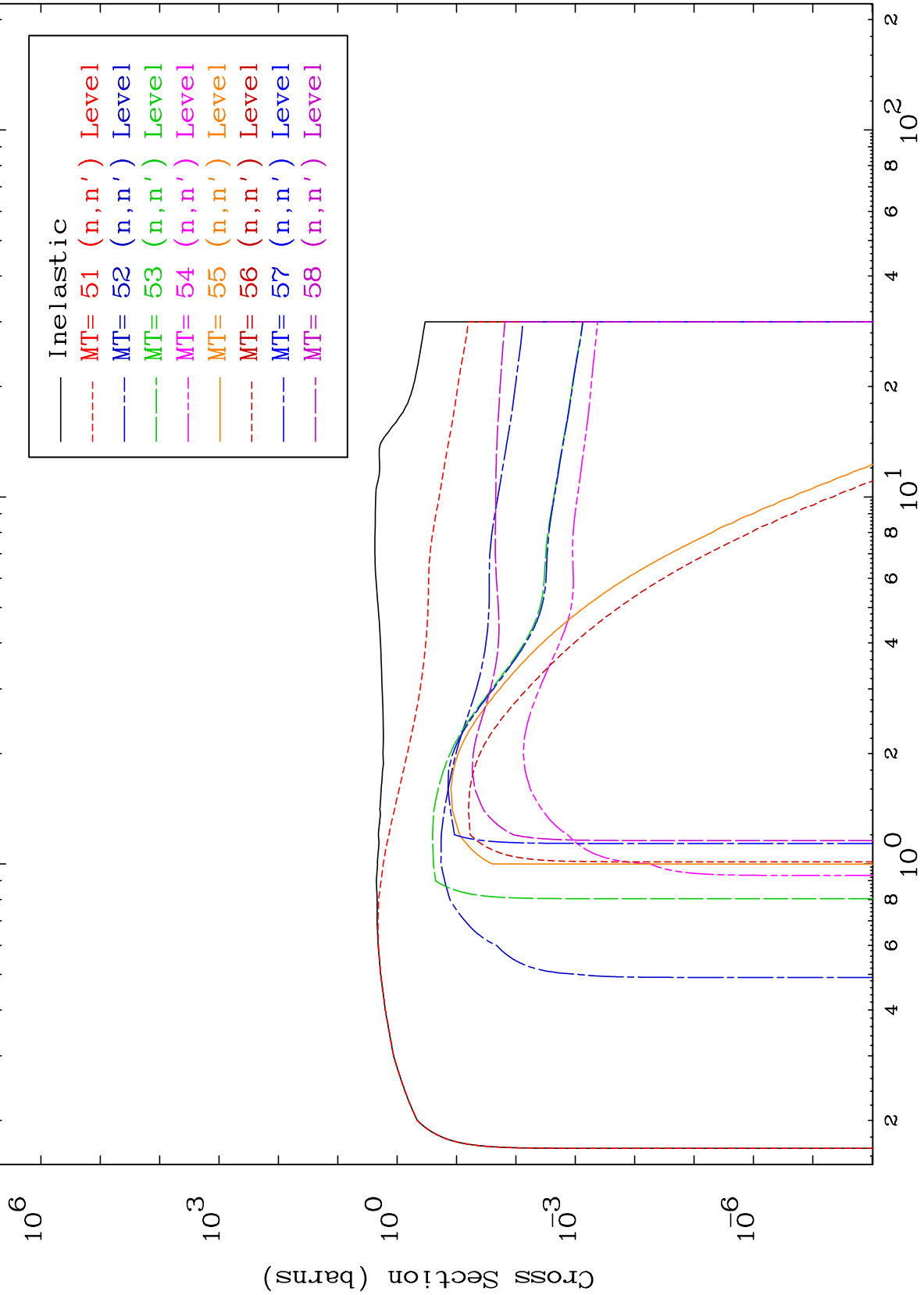




MAT 7007

(n,n') Levels
293 Kelvin Cross Sections

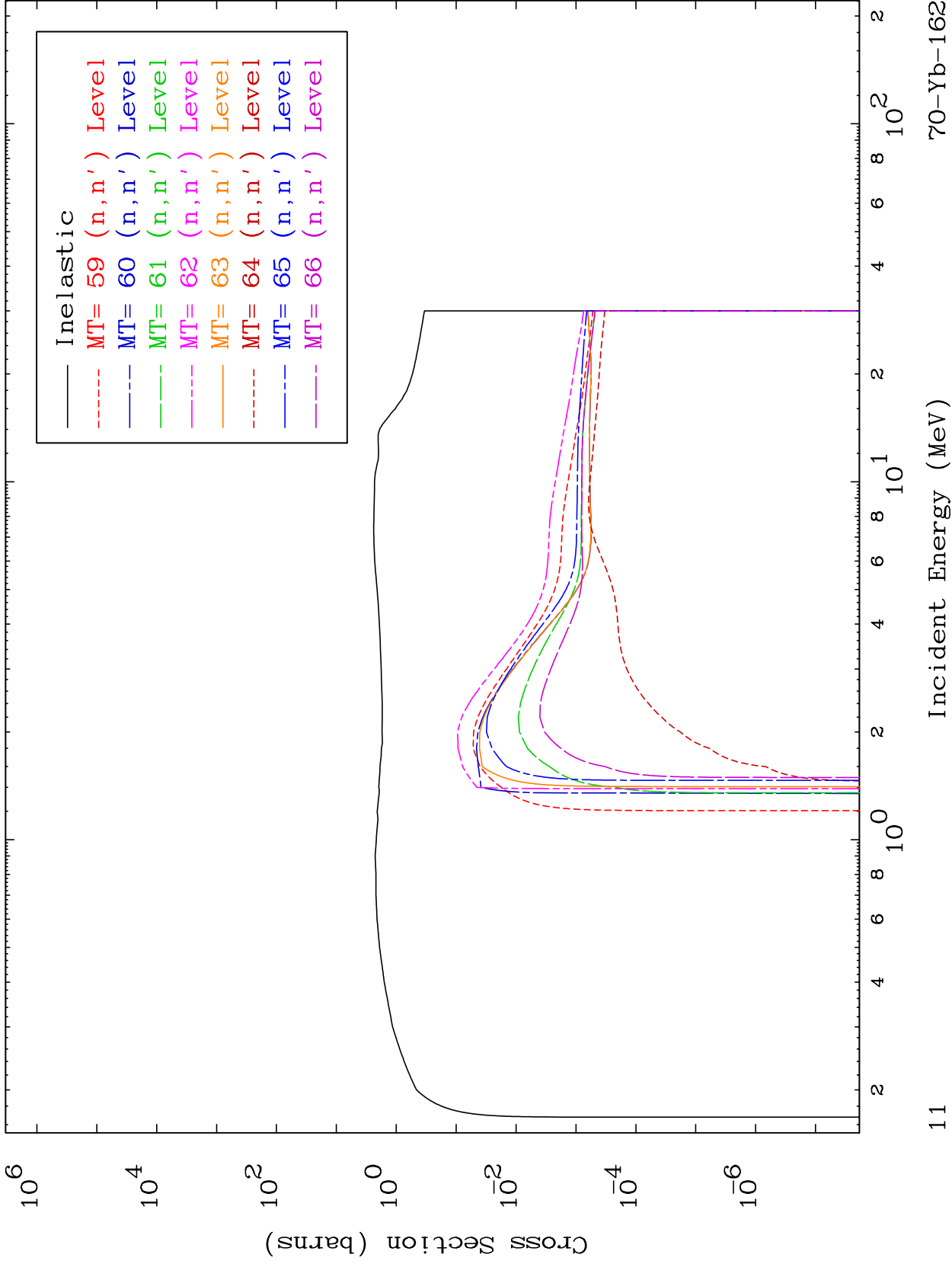
70-Yb-162



10

Incident Energy (MeV)

70-Yb-162

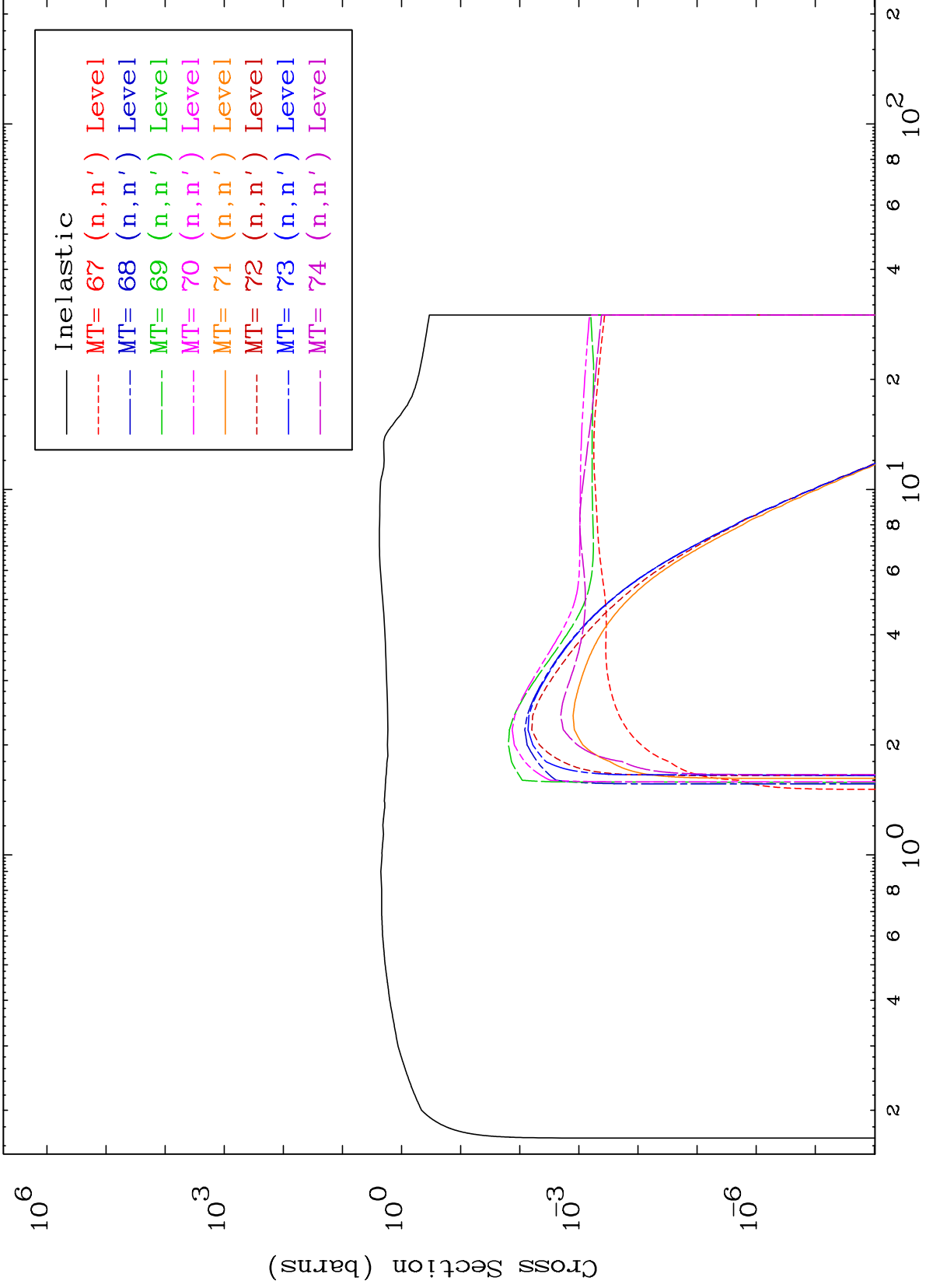


MAT 7007

(n,n') Levels

70-Yb-162

293 Kelvin Cross Sections



12

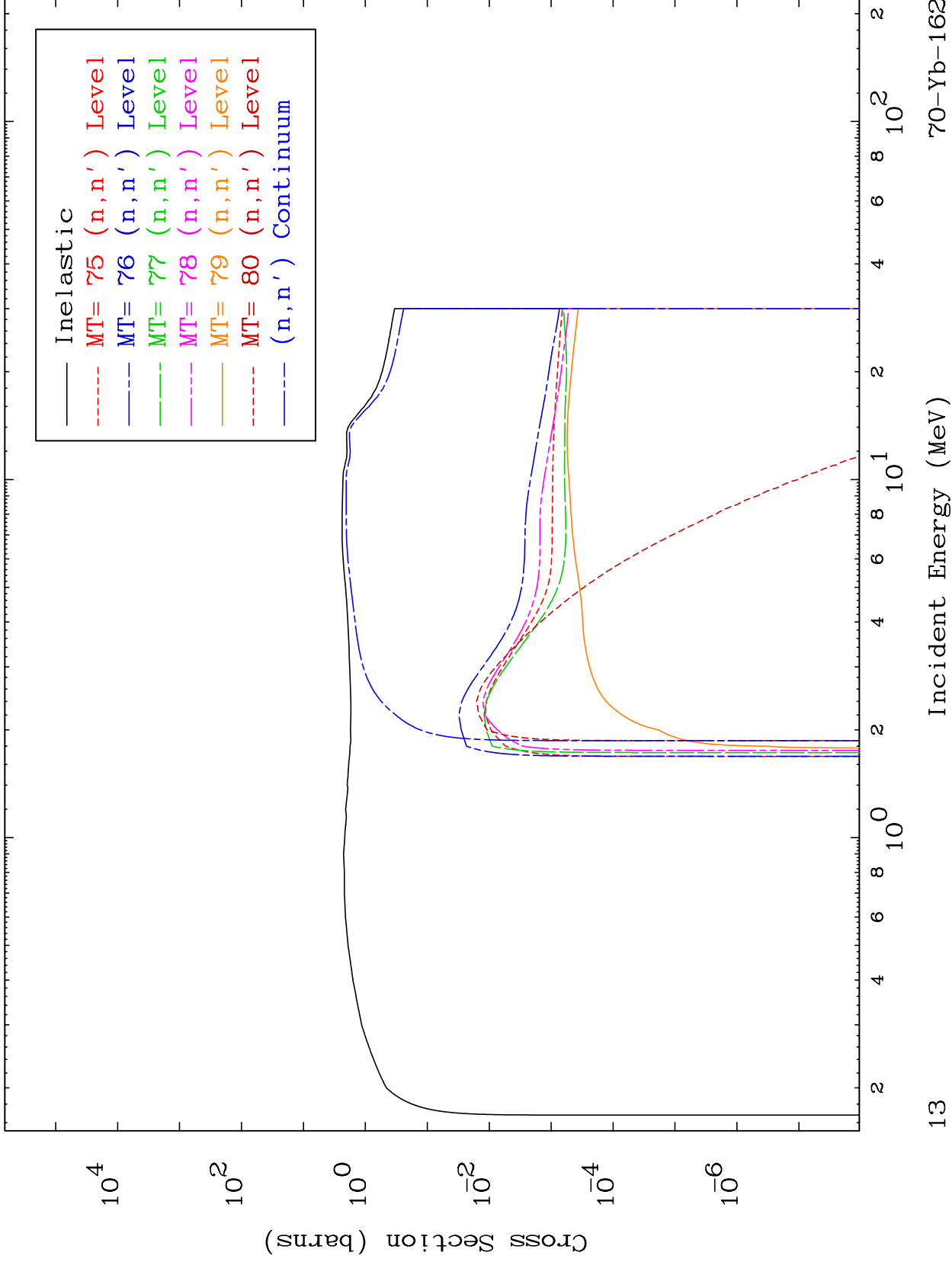
Incident Energy (MeV)

70-Yb-162

MAT 7007

(n,n') Levels
293 Kelvin Cross Sections

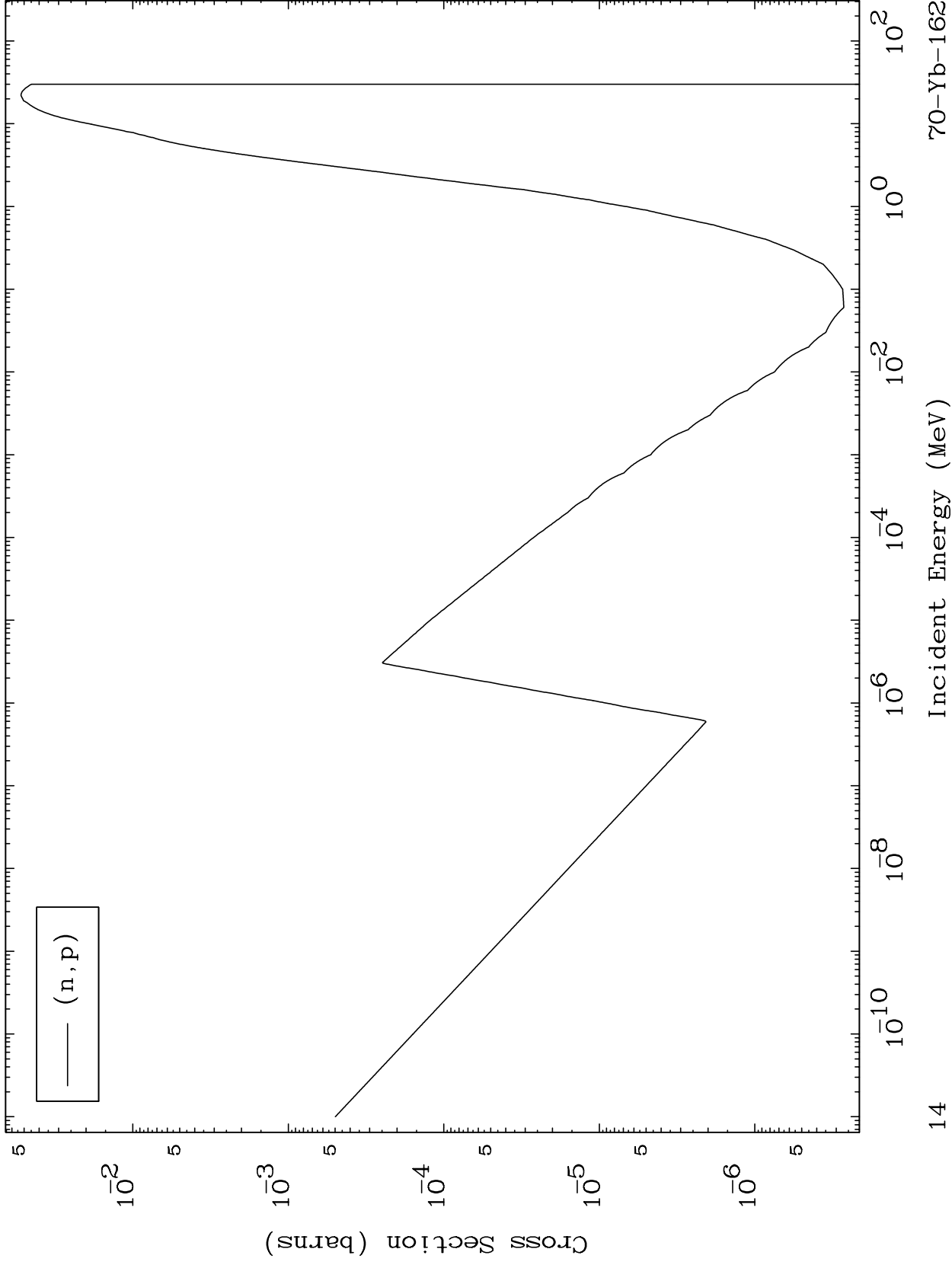
70-Yb-162



MAT 7007

(n,p) Levels
293 Kelvin Cross Sections

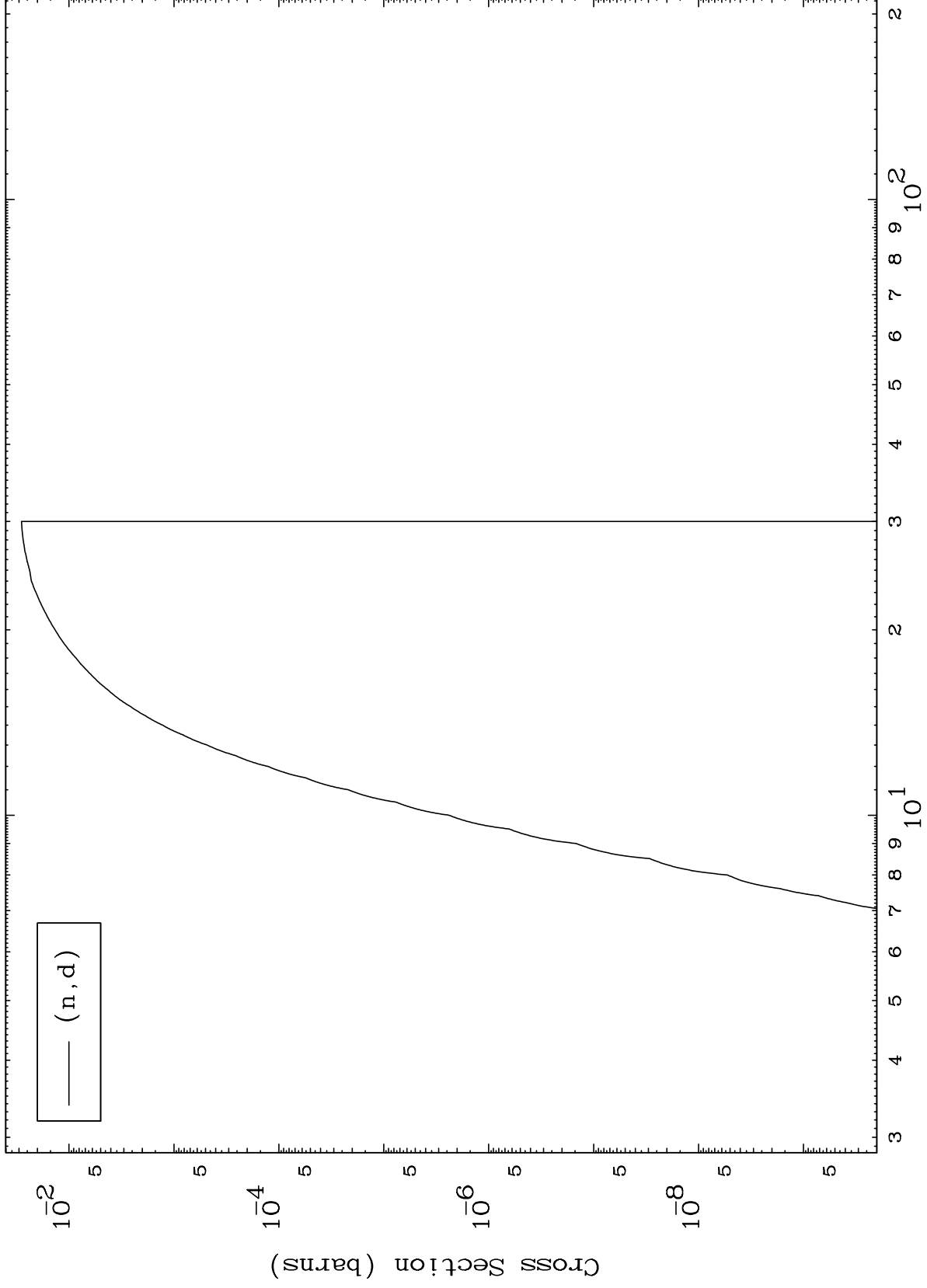
70-Yb-162



MAT 7007

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-162



15

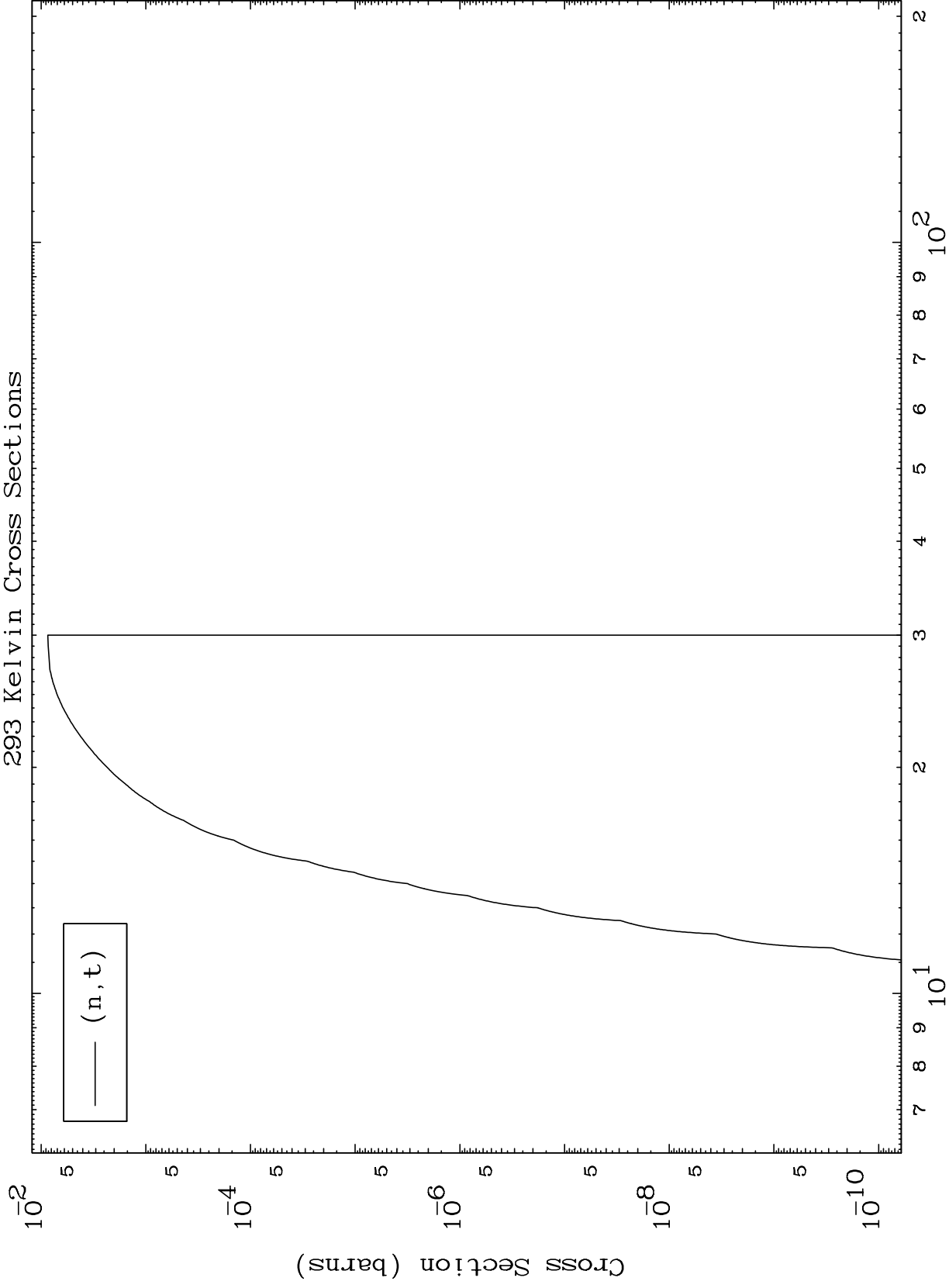
Incident Energy (MeV)

70-Yb-162

MAT 7007

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-162



16

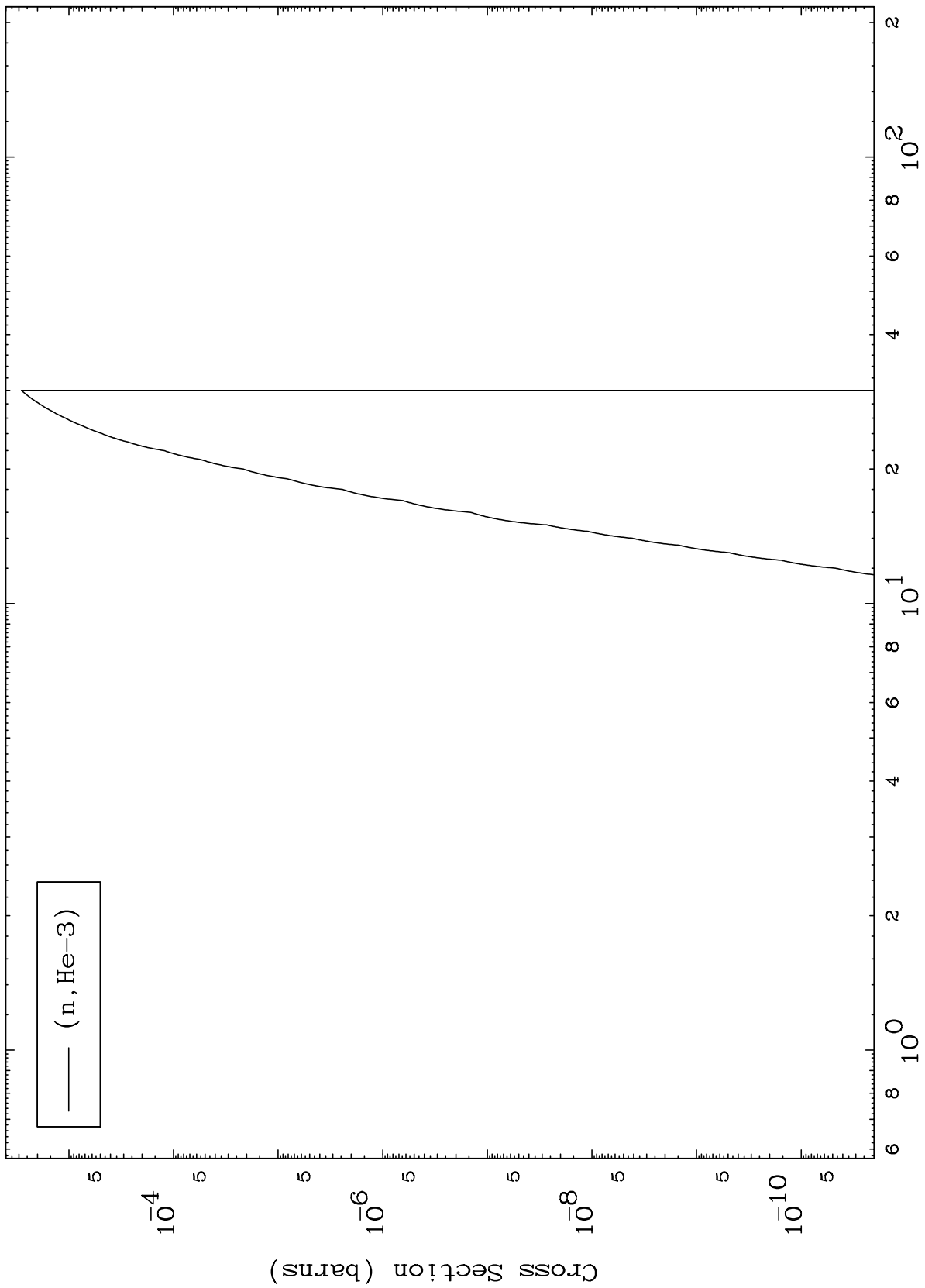
Incident Energy (MeV)

70-Yb-162

MAT 7007

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-162



17

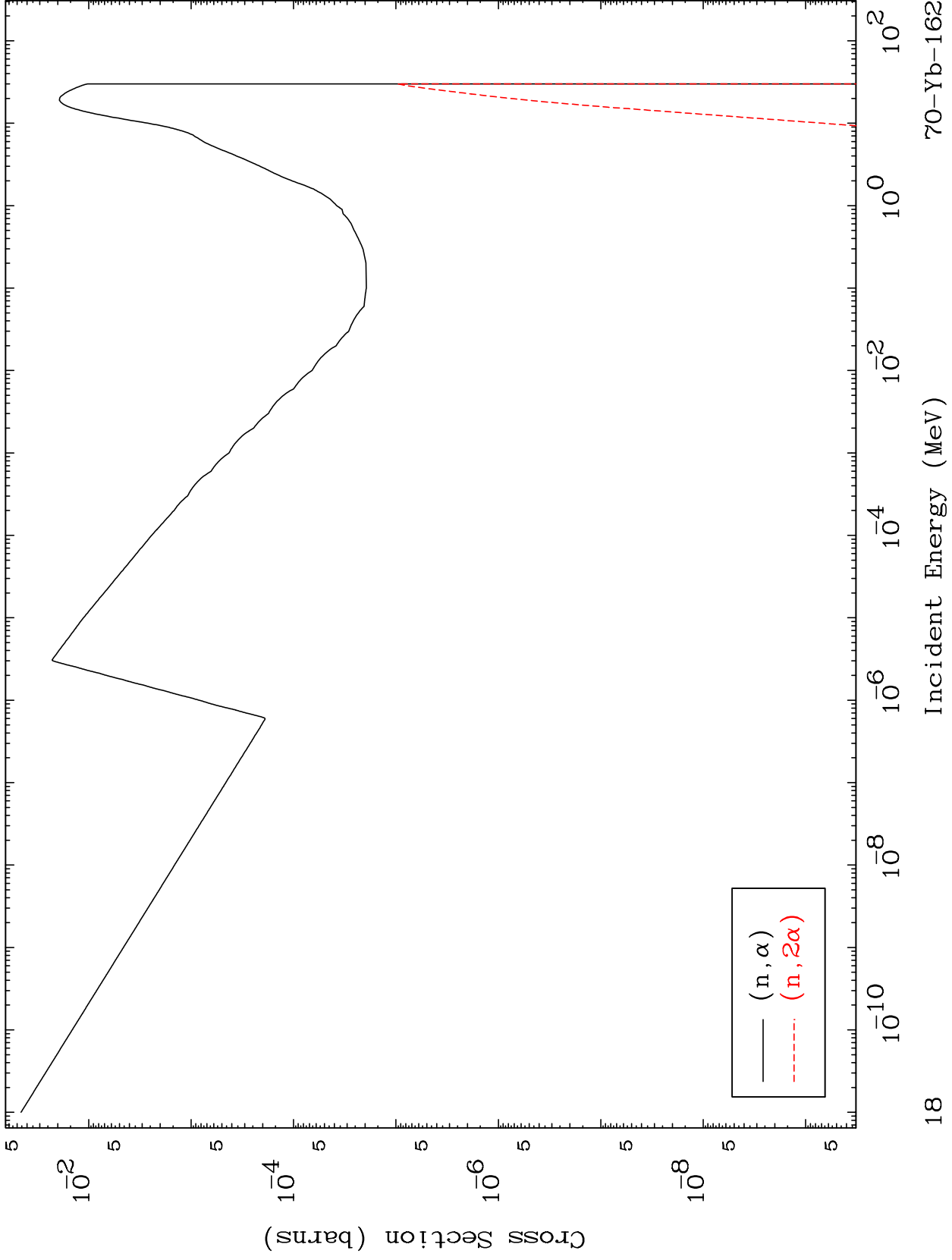
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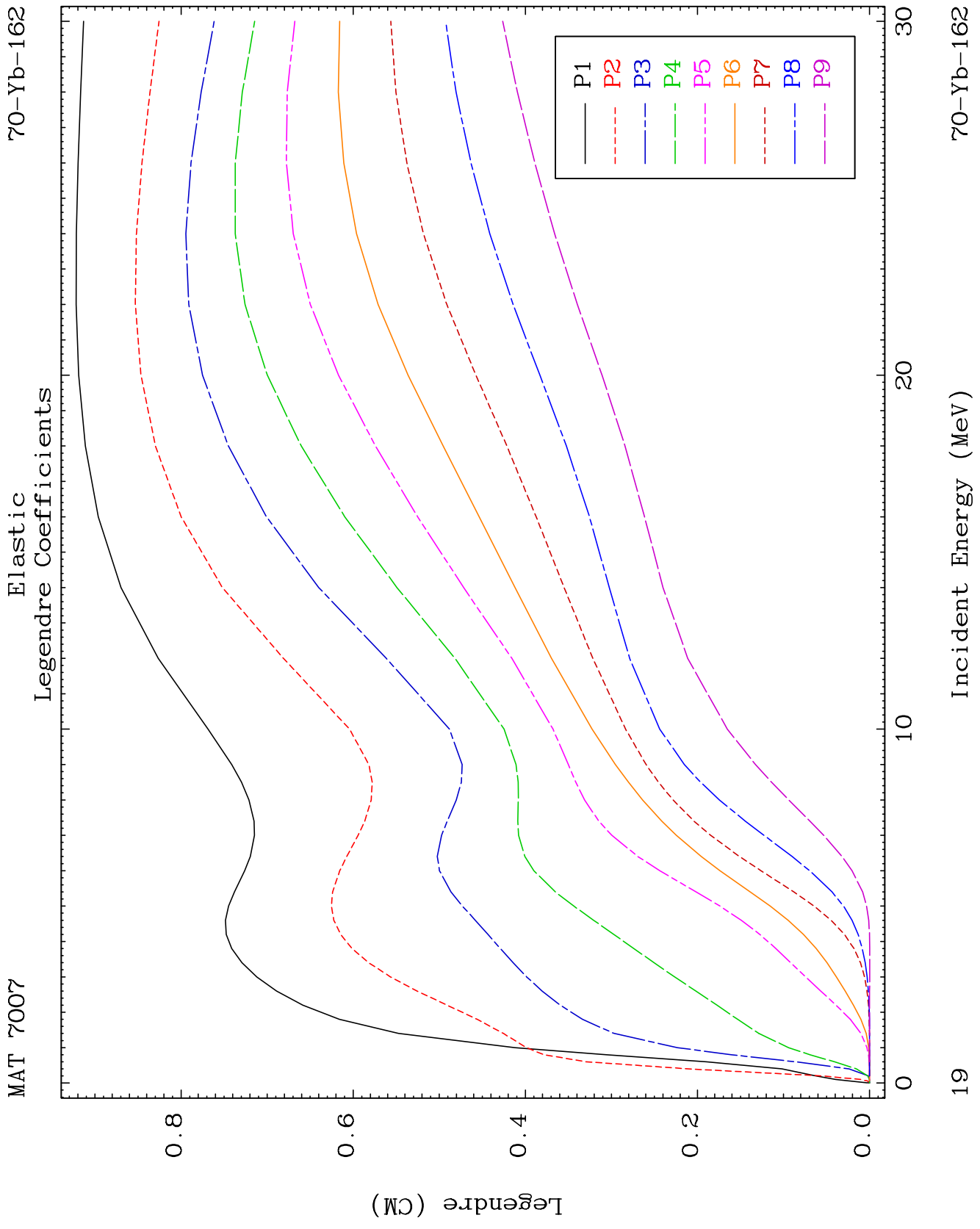
70-Yb-162

MAT 7007

(n, α) Levels
293 Kelvin Cross Sections

70-Yb-162





MAT 7007

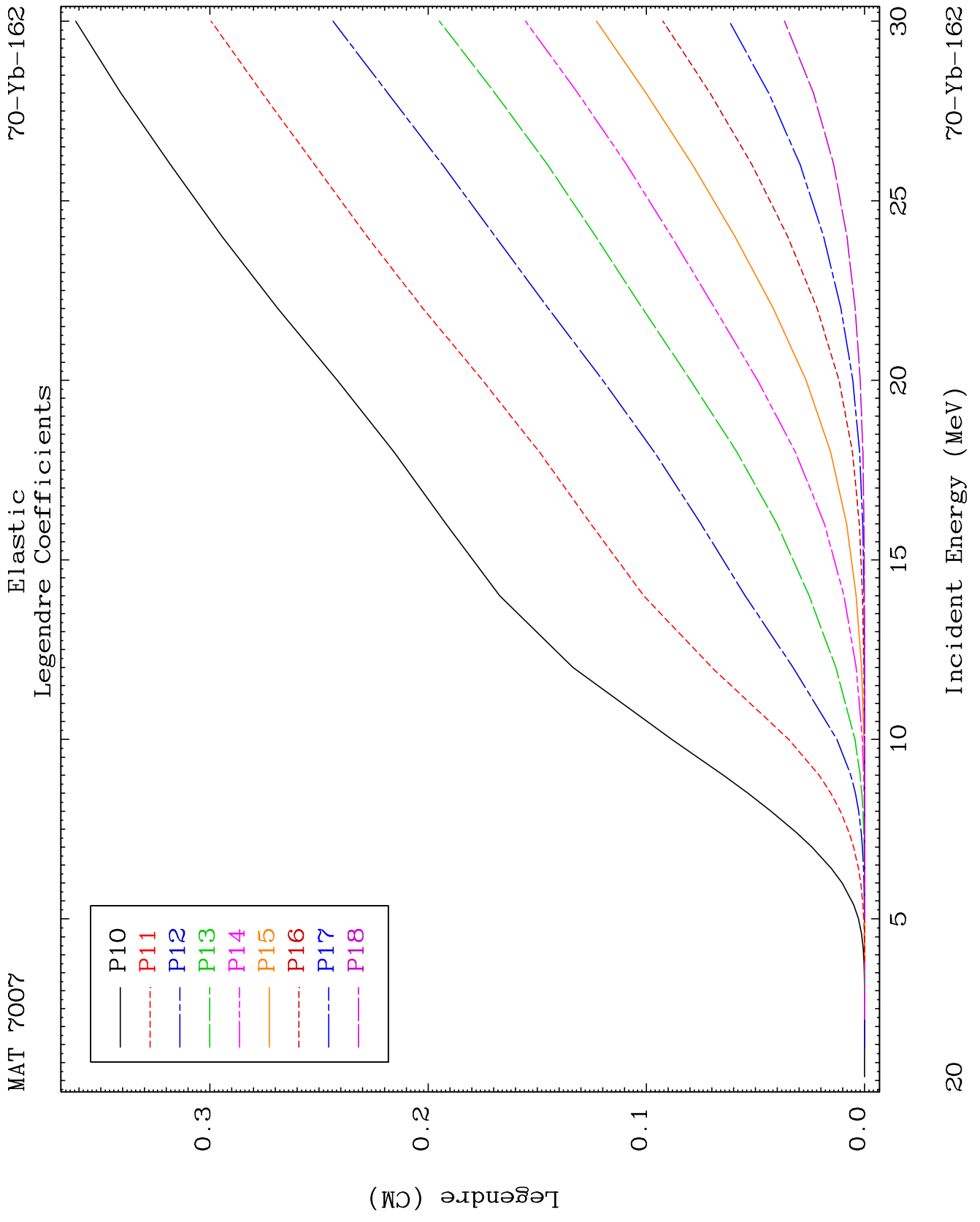
Elastic Legendre Coefficients

$^{70}\text{Yb-162}$

19

Incident Energy (MeV)

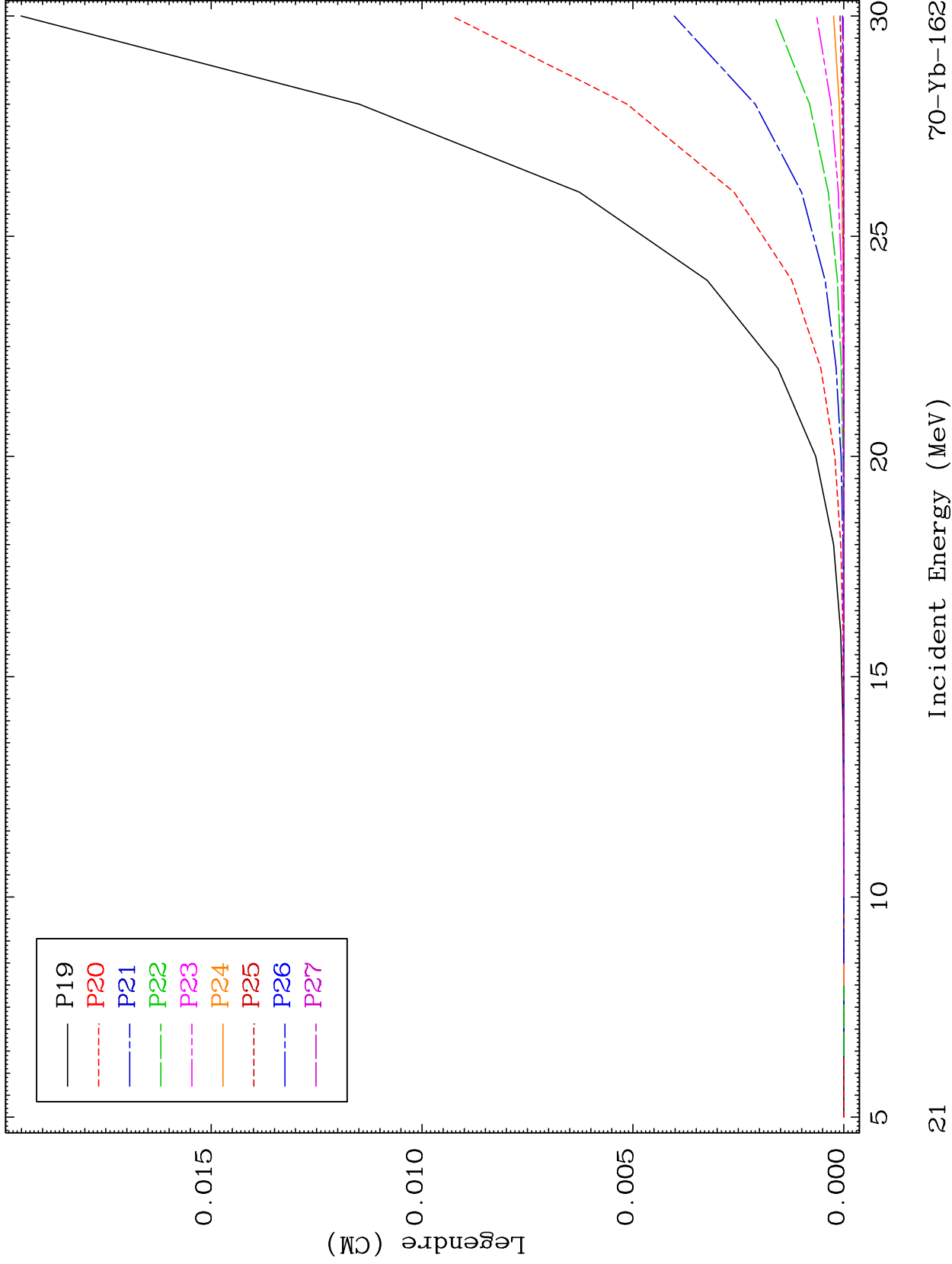
$^{70}\text{Yb-162}$



MAT 7007

Elastic Legendre Coefficients

70-Yb-162



21

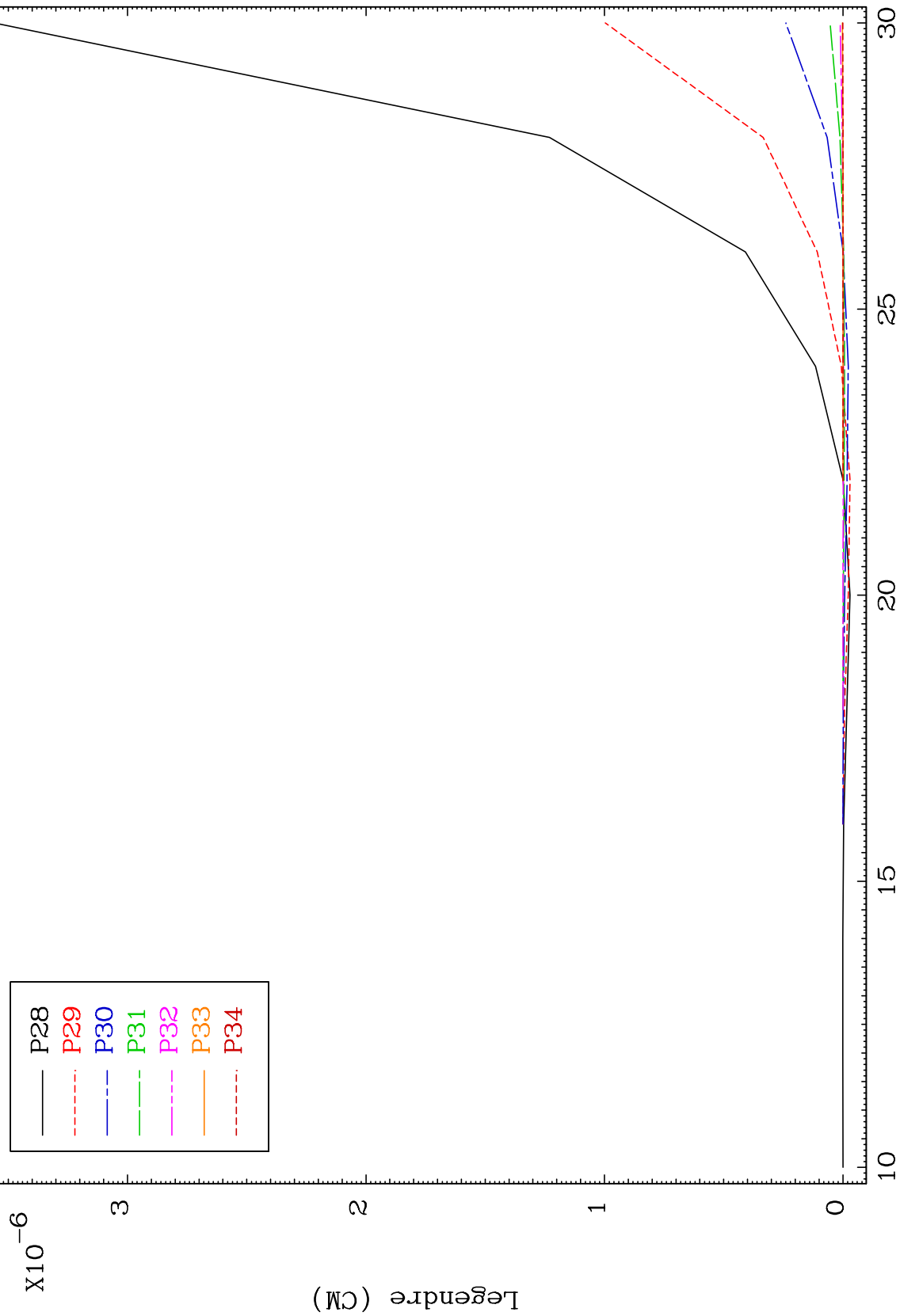
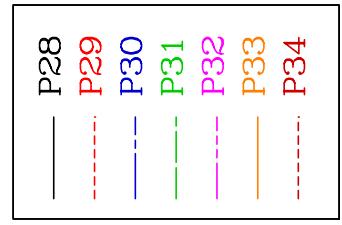
Incident Energy (MeV)

70-Yb-162

MAT 7007

Elastic Legendre Coefficients

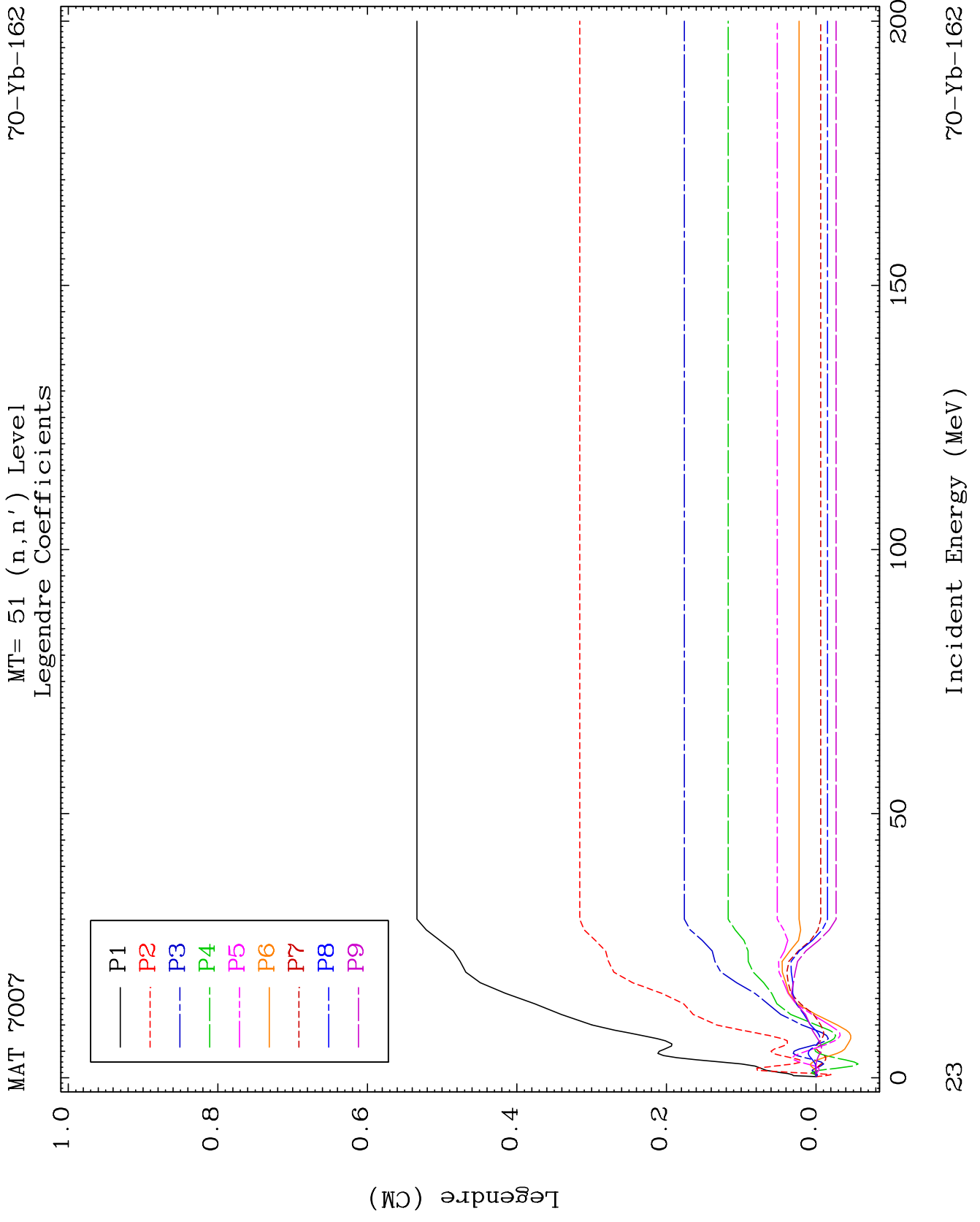
70-Yb-162



22

Incident Energy (MeV)

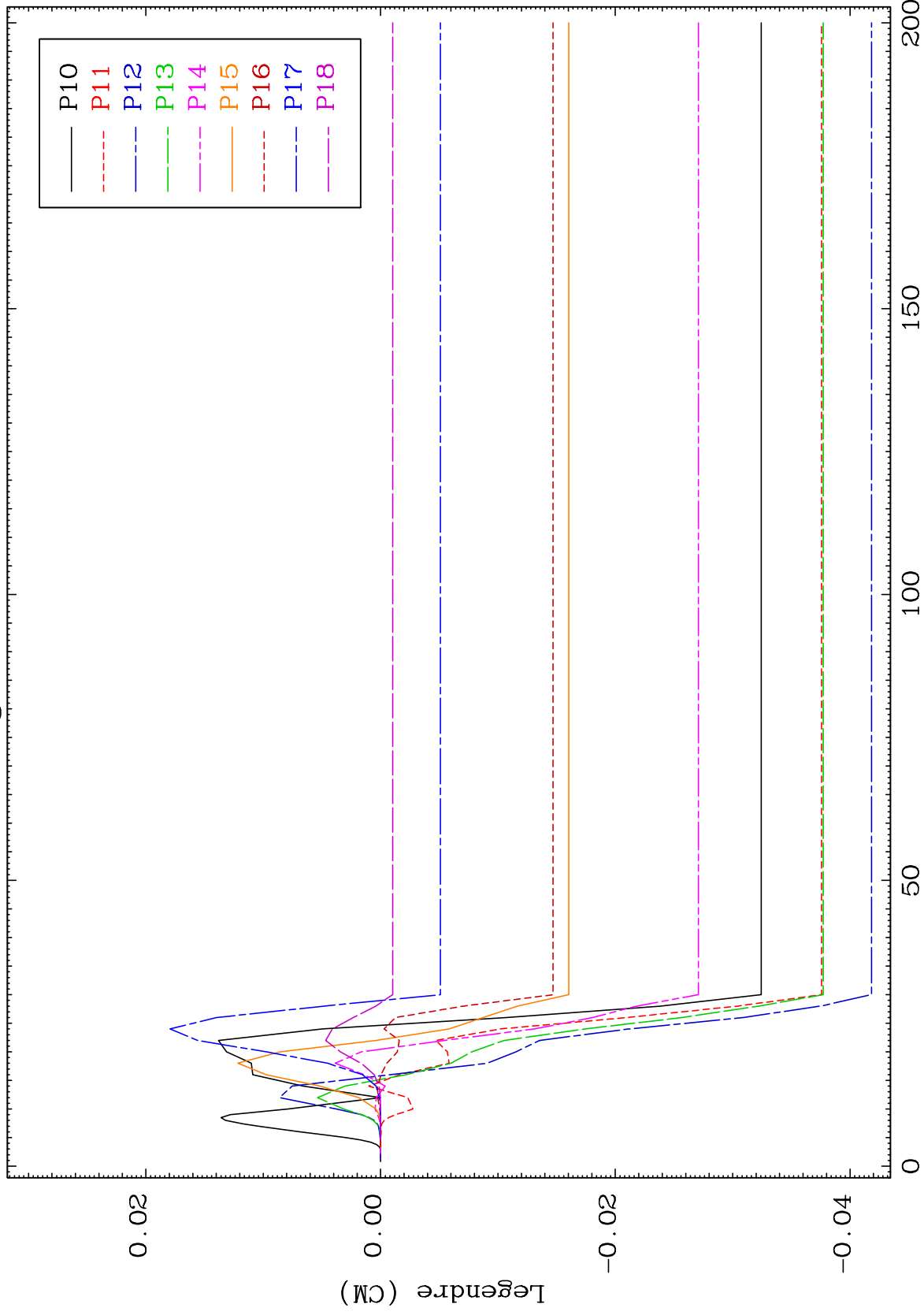
70-Yb-162



MAT 7007

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

70-Yb-162



24

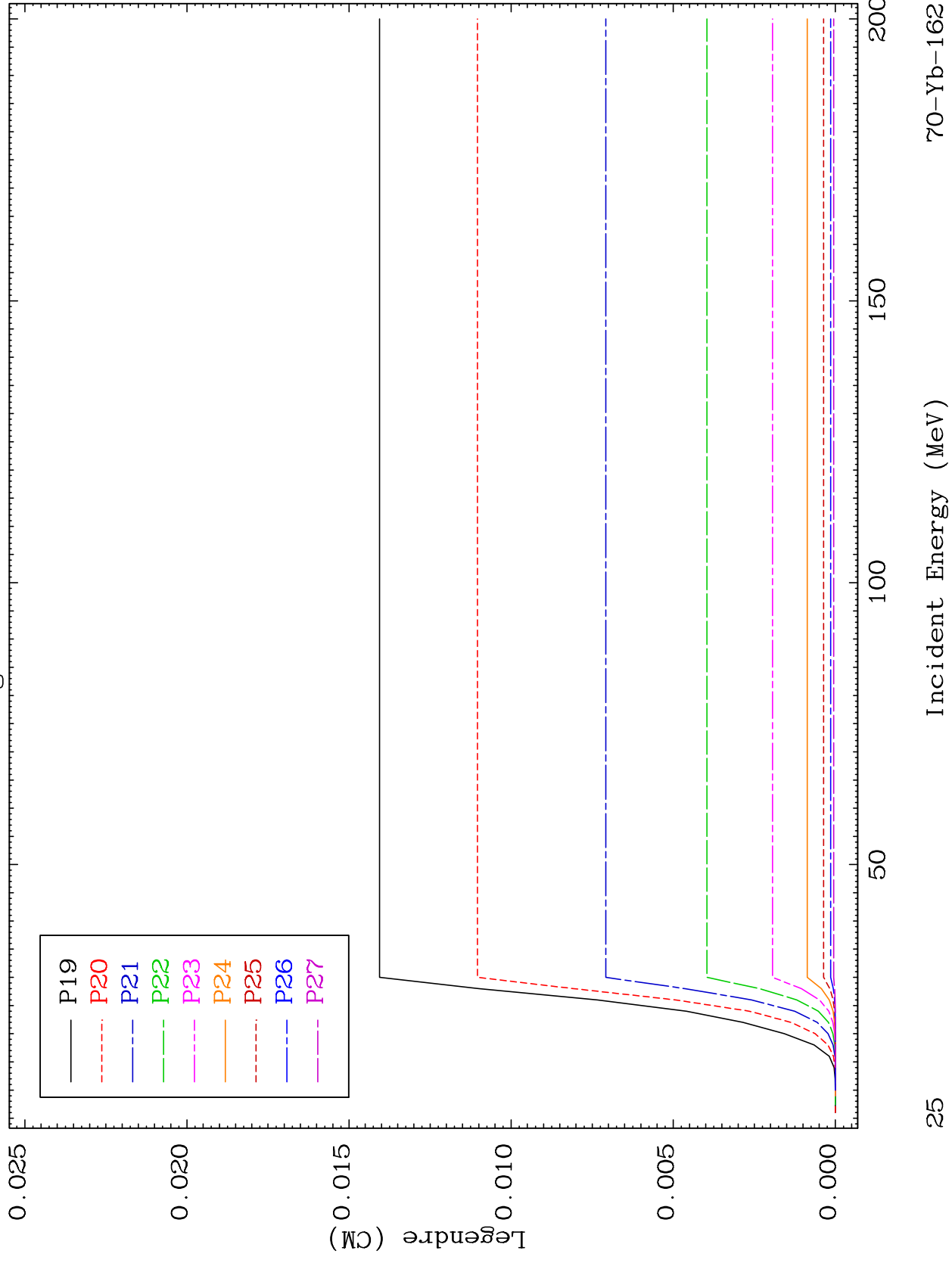
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



25

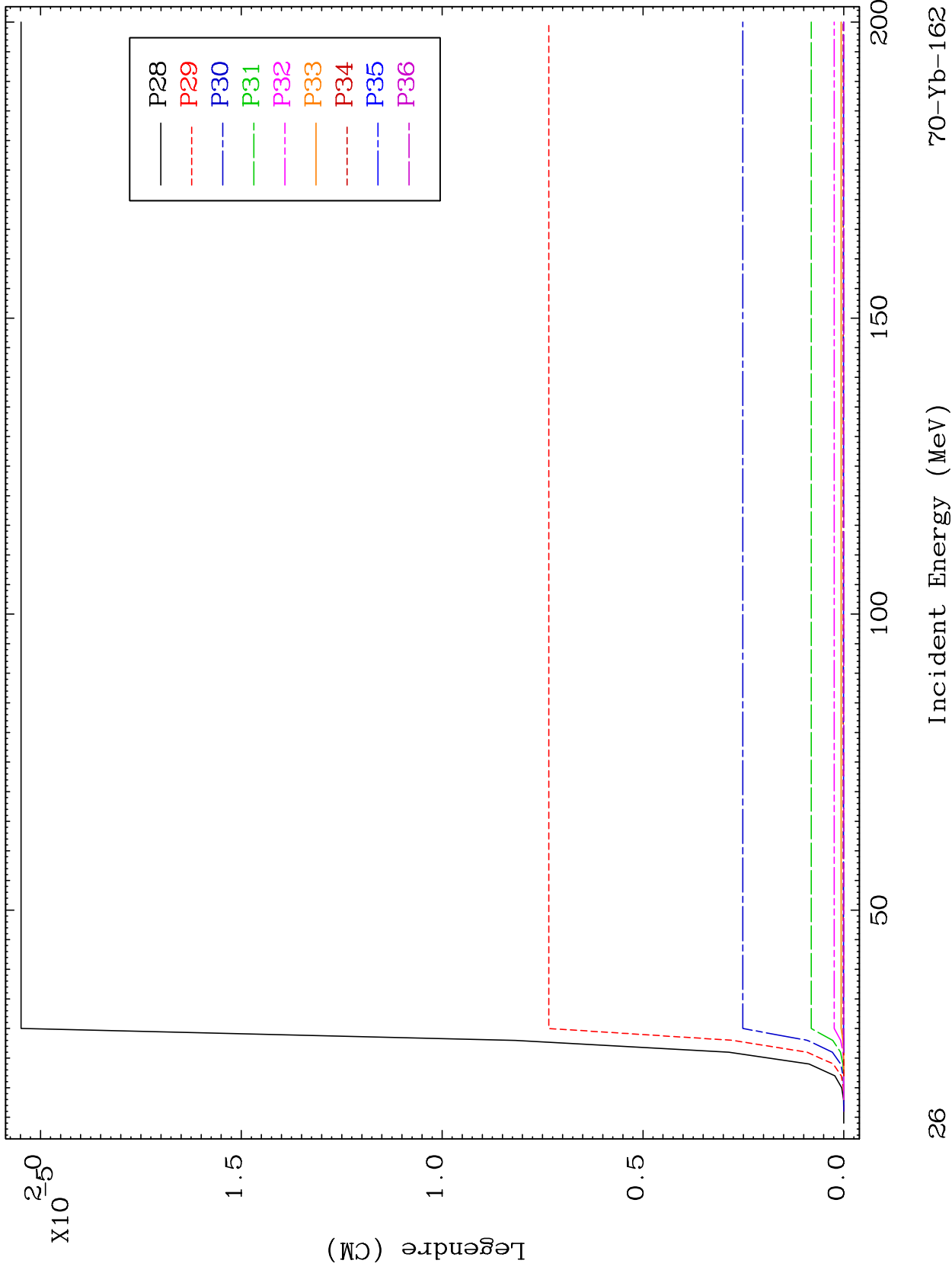
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



26

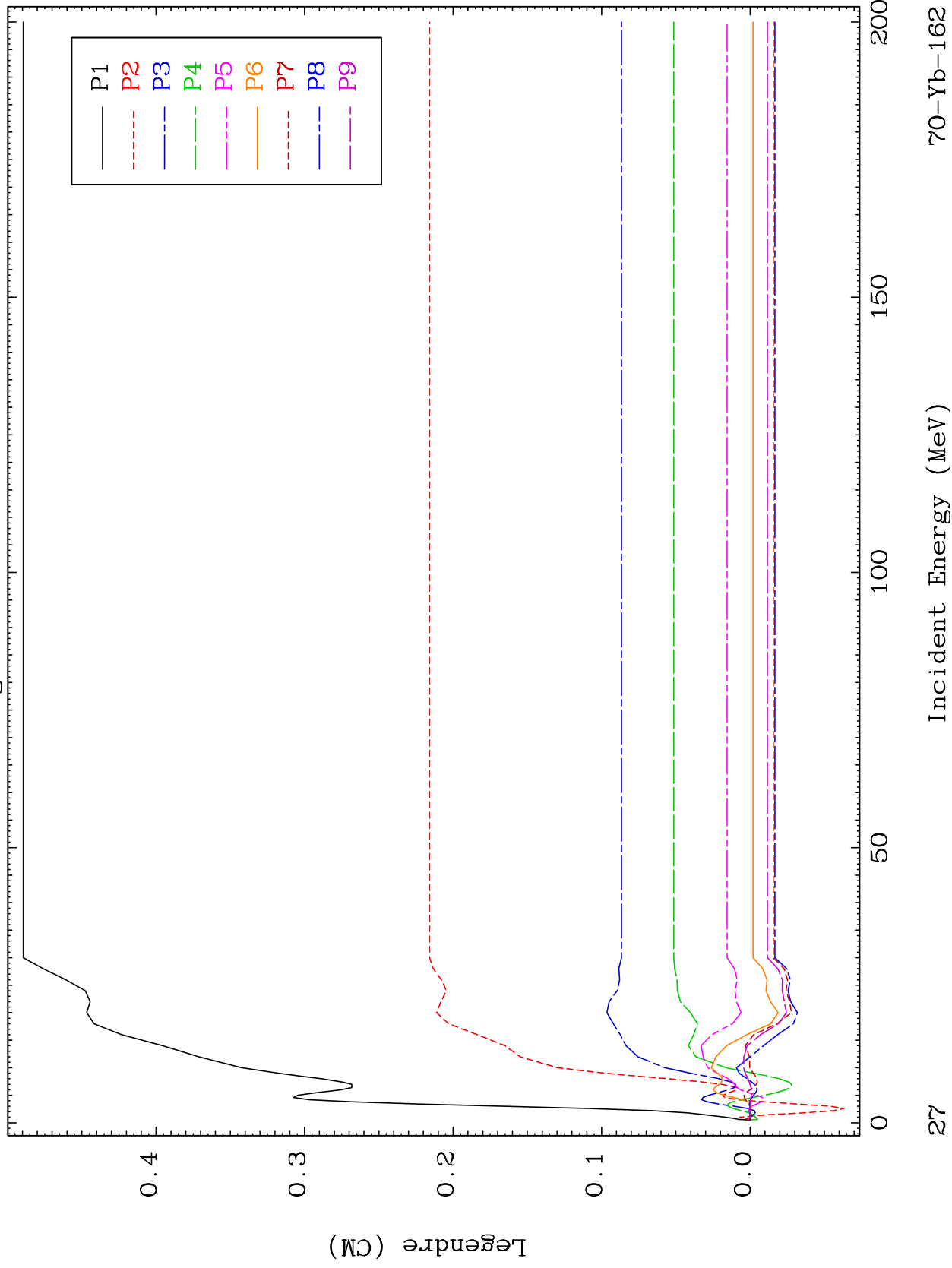
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

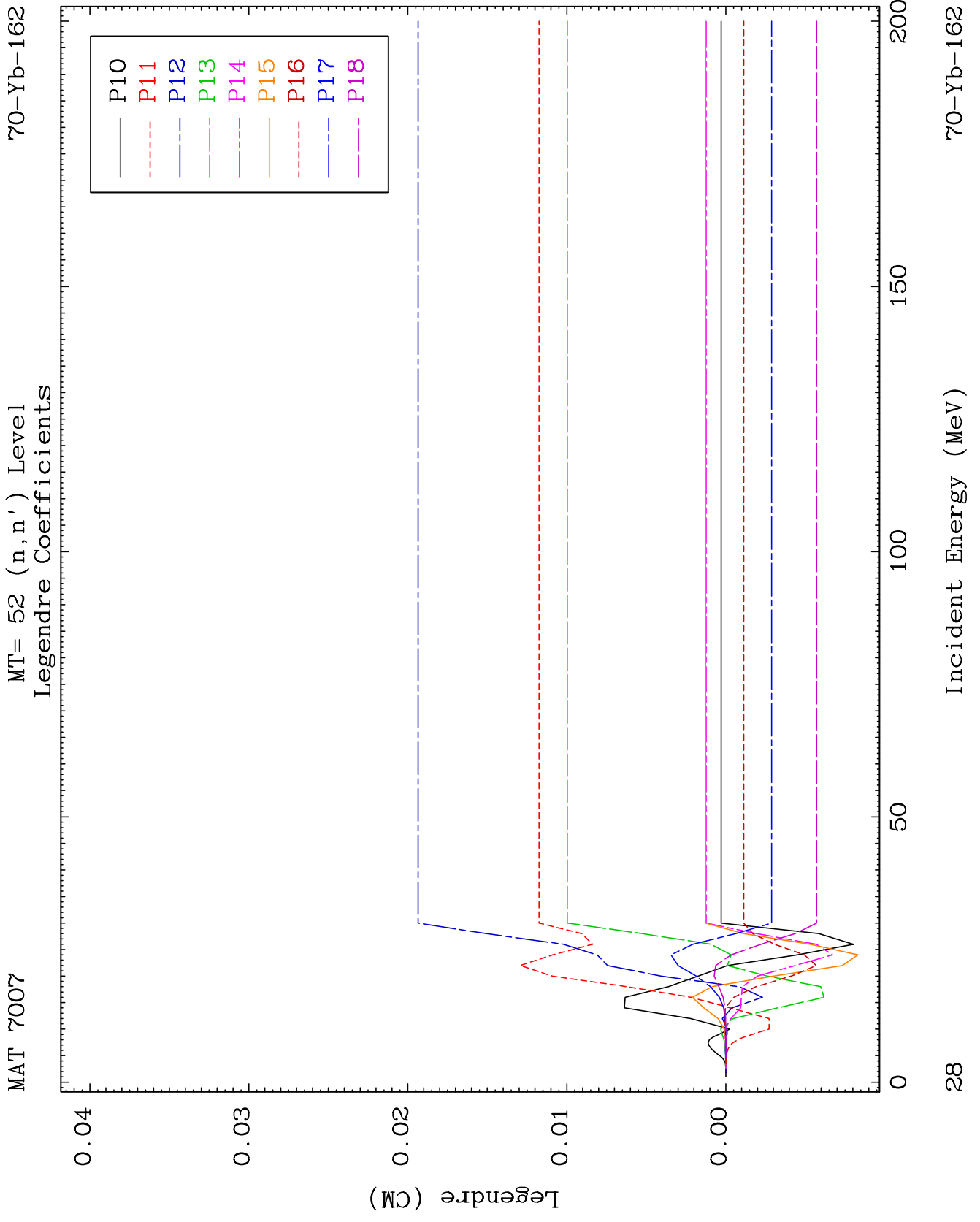
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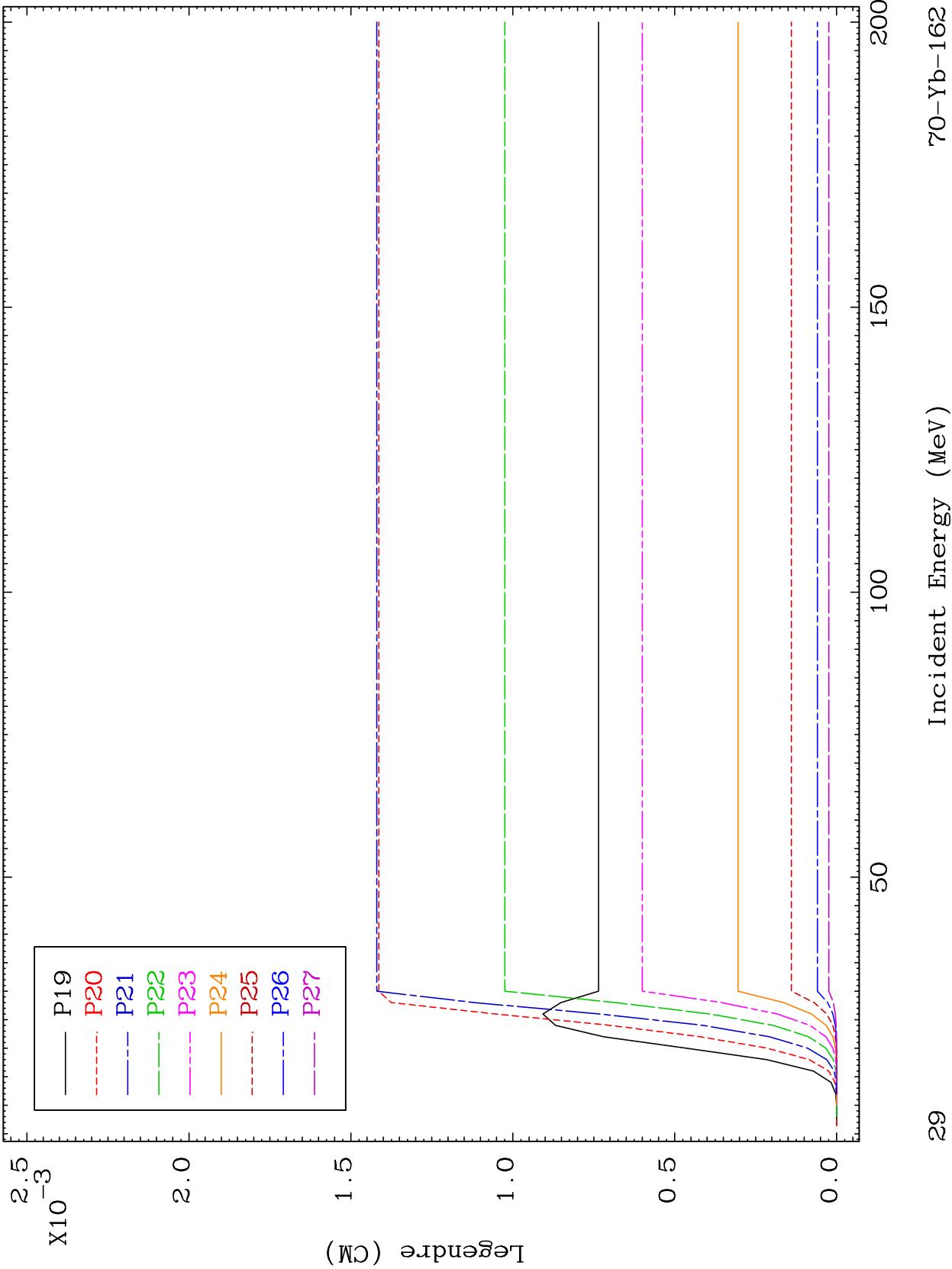


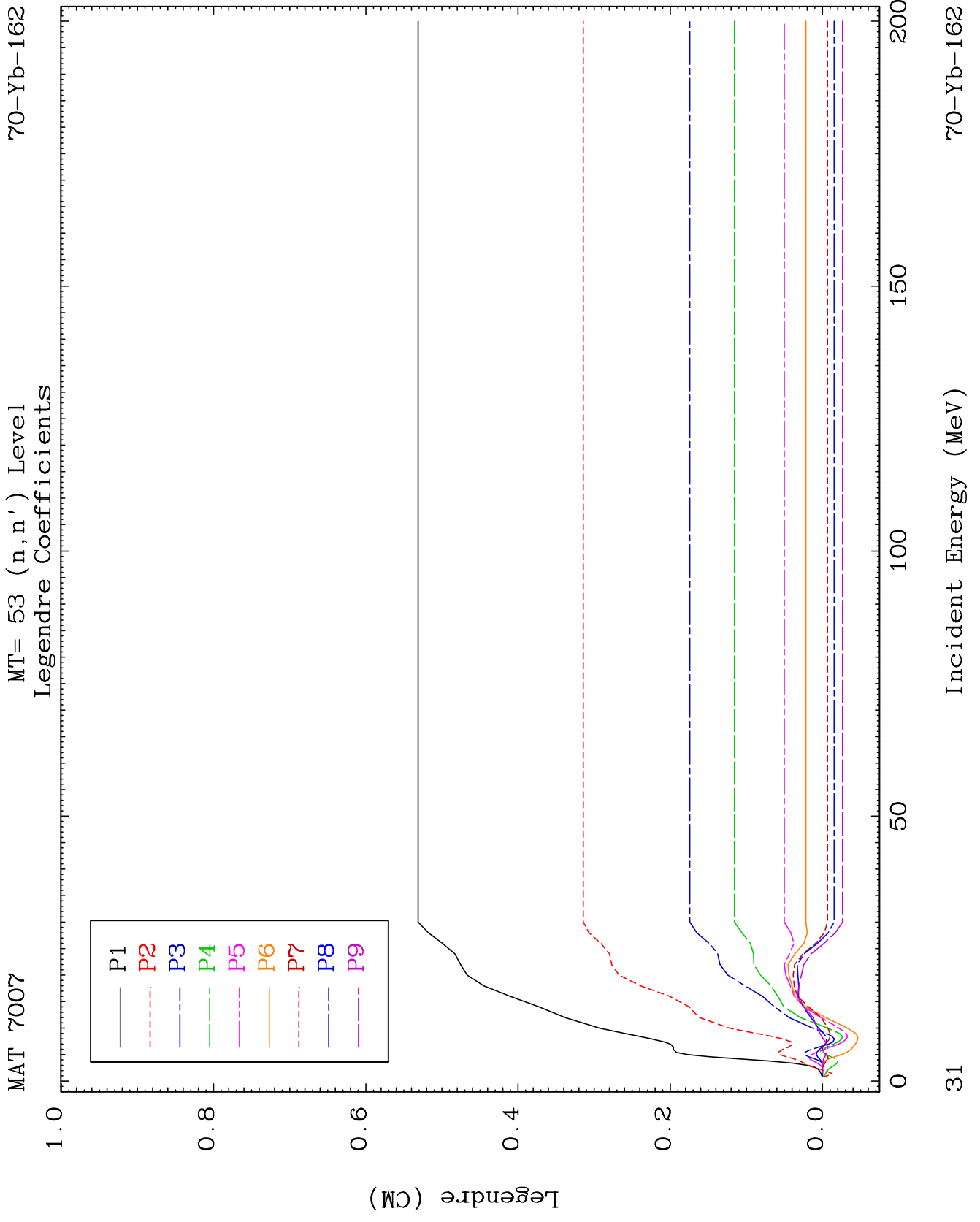
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Incident Energy (MeV)

70-Yb-162



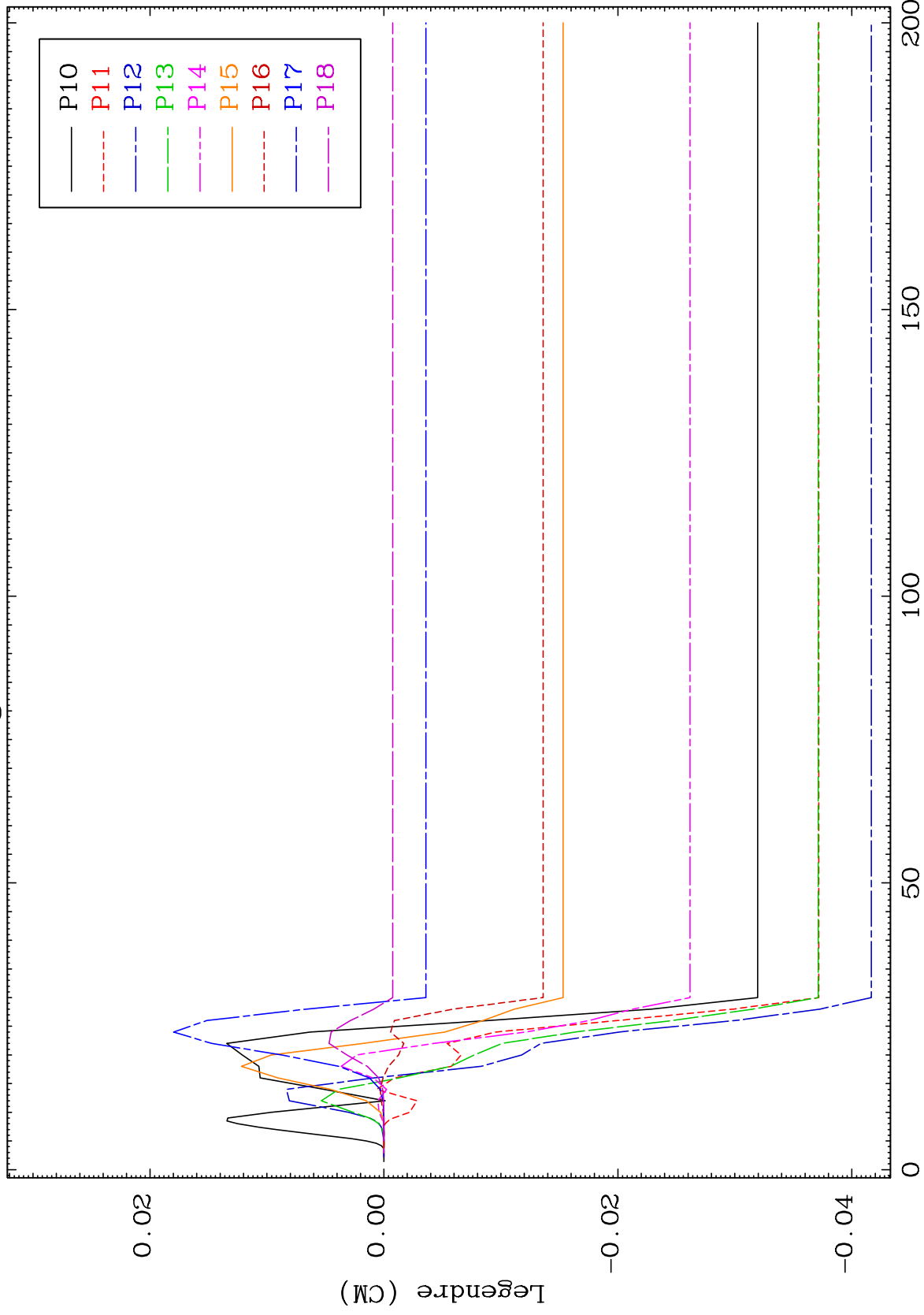




MAT 7007

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

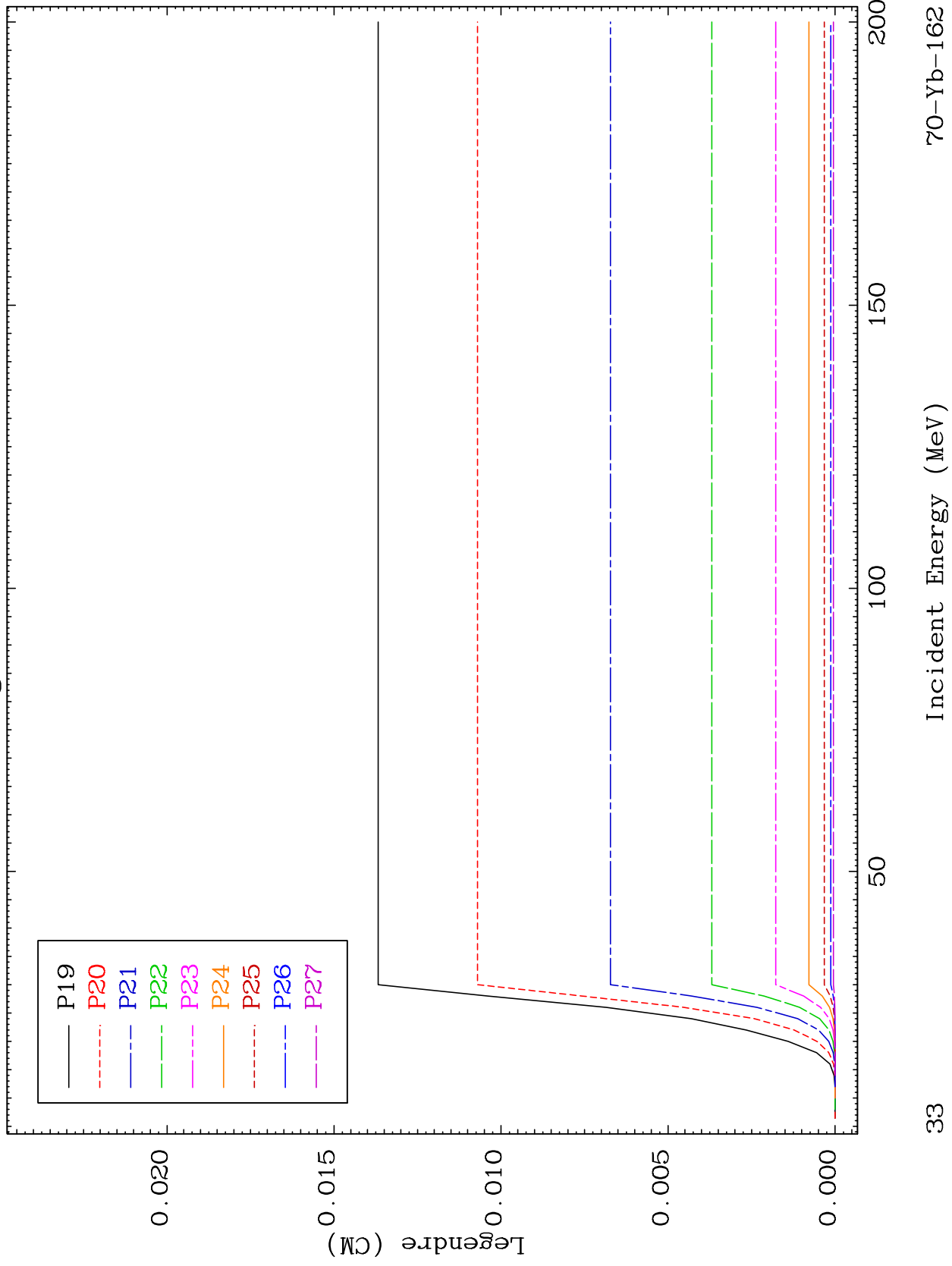
70-Yb-162



32

Incident Energy (MeV)

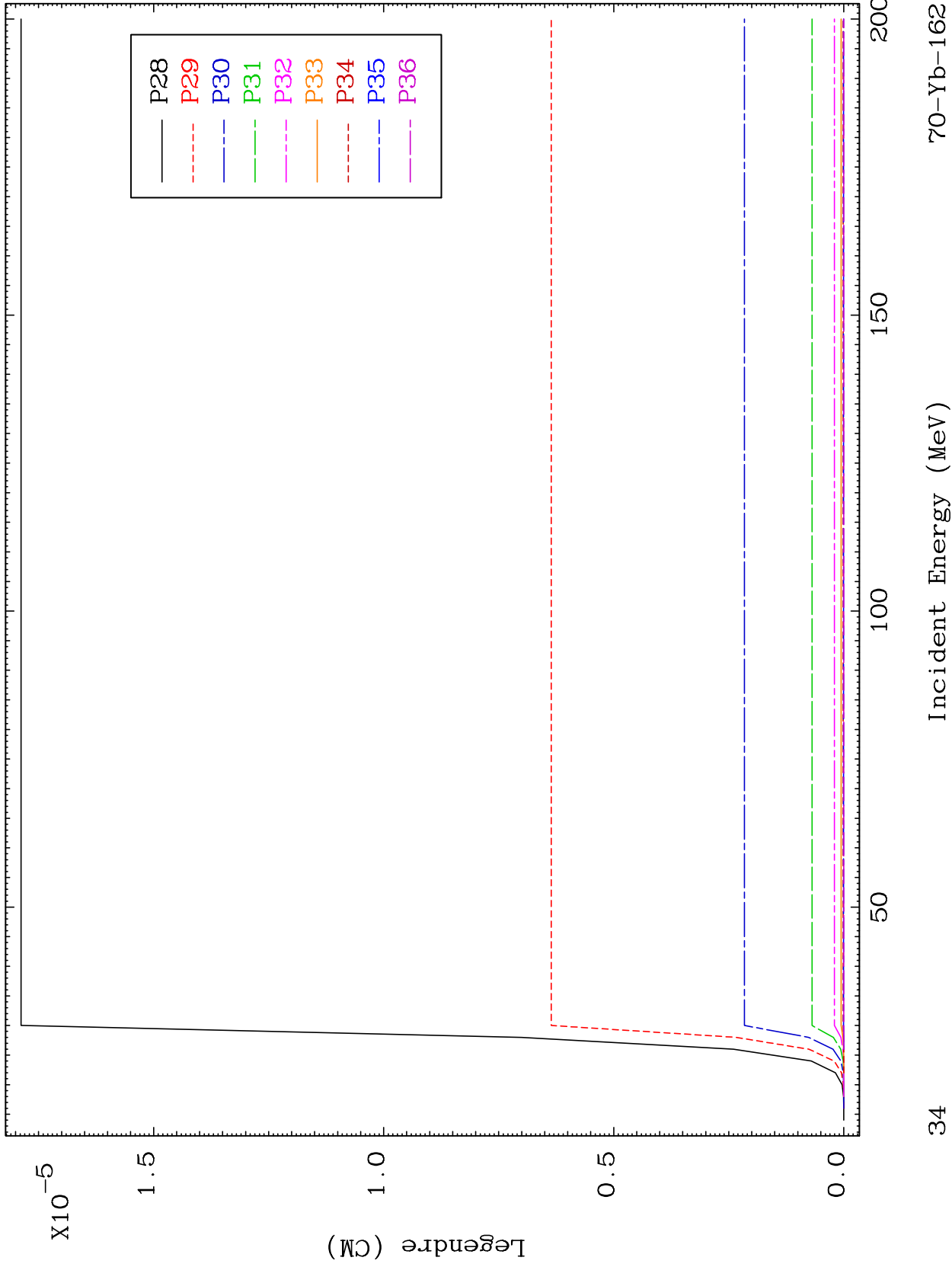
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MAT 7007

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

70-Yb-162



34

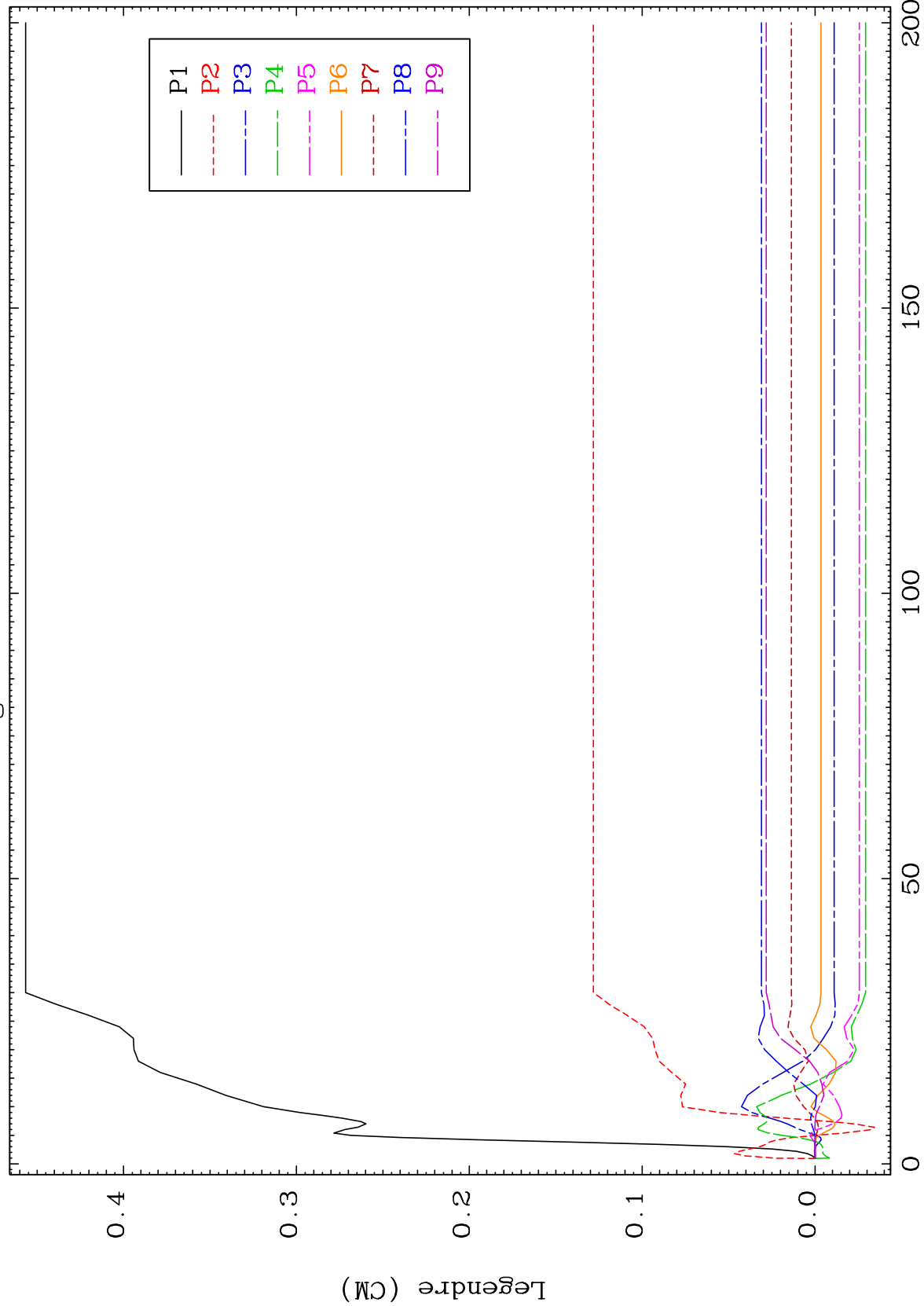
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



70-Yb-162

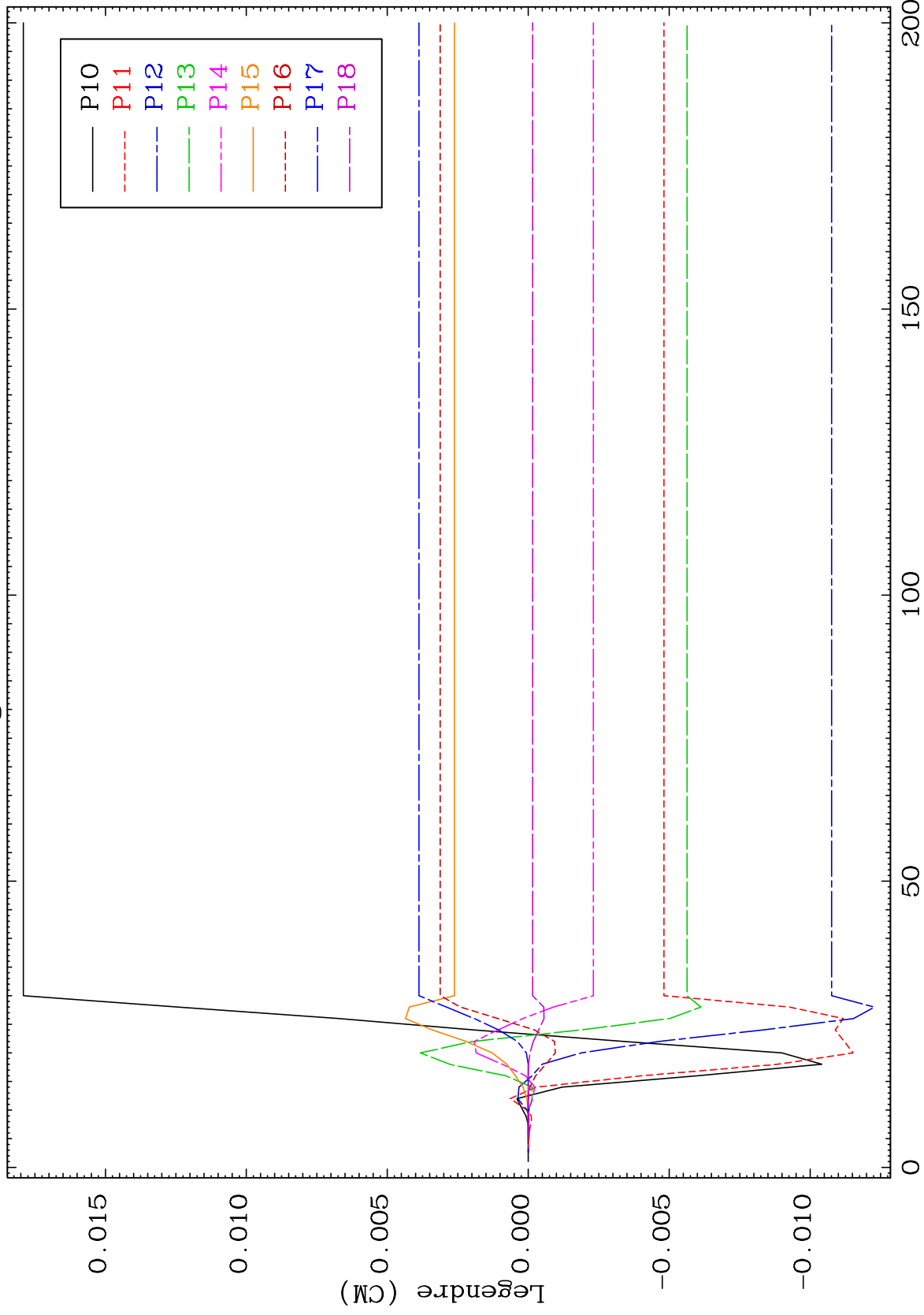
Incident Energy (MeV)

35

MAT 7007

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

70-Yb-162



36

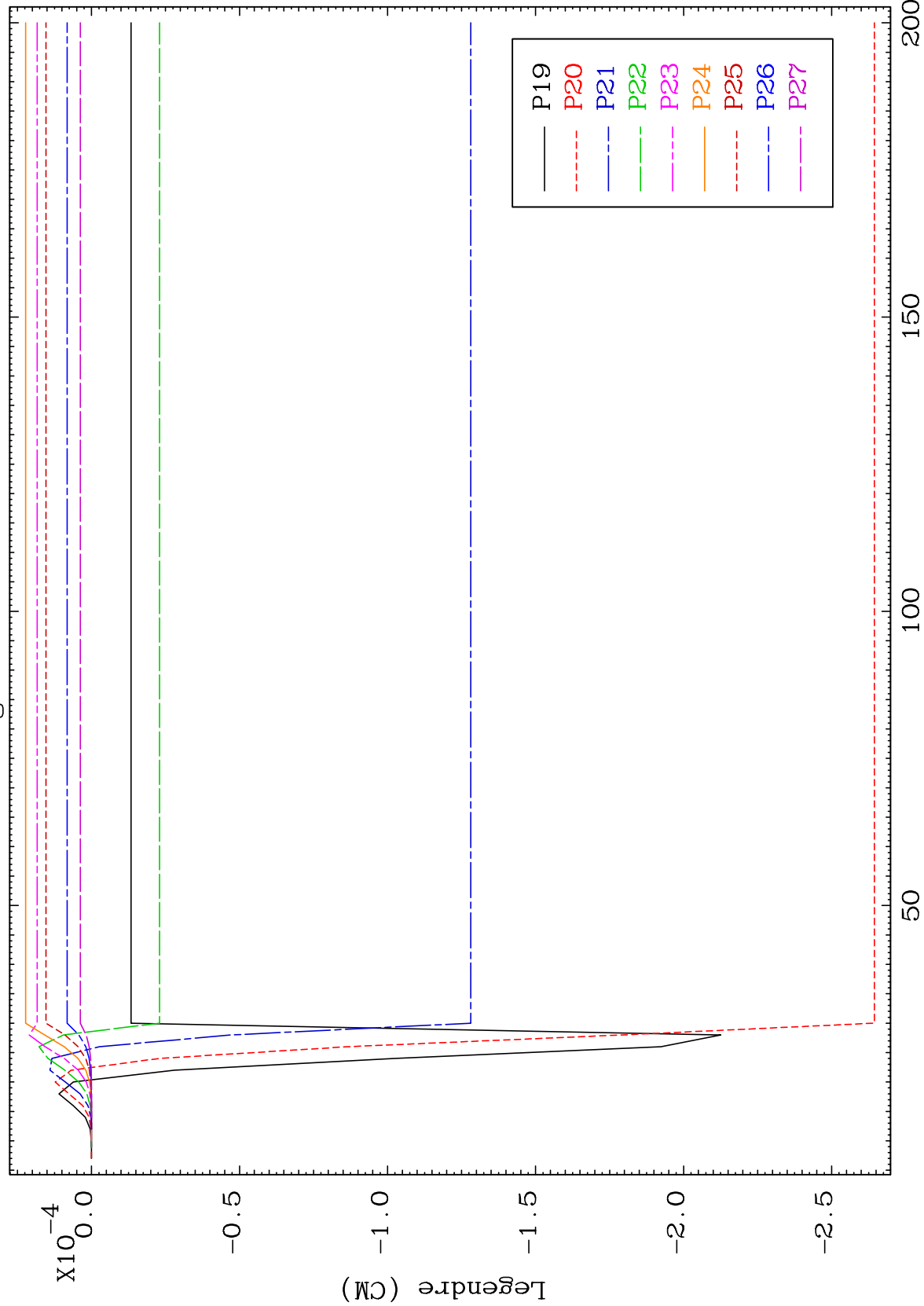
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

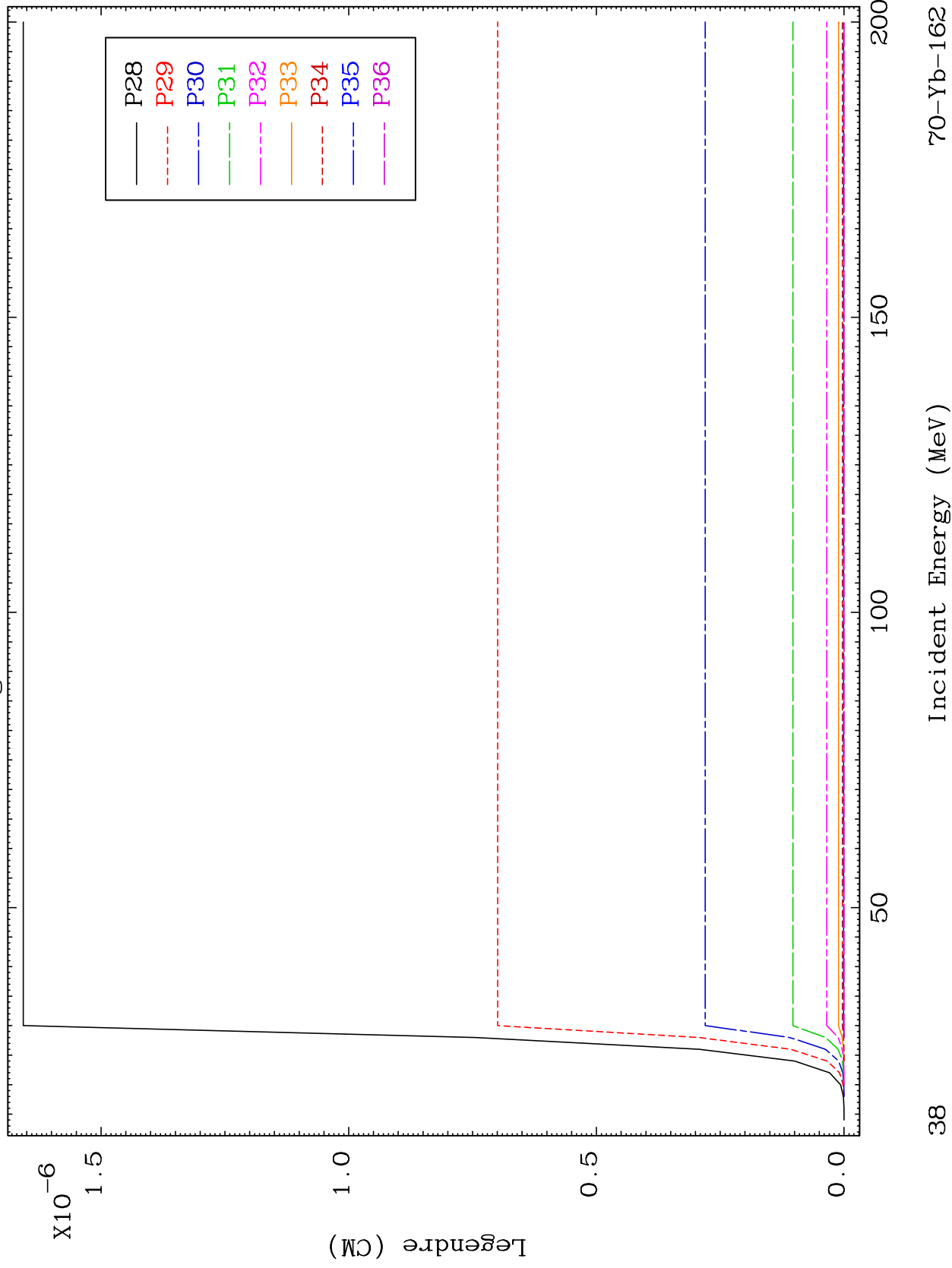
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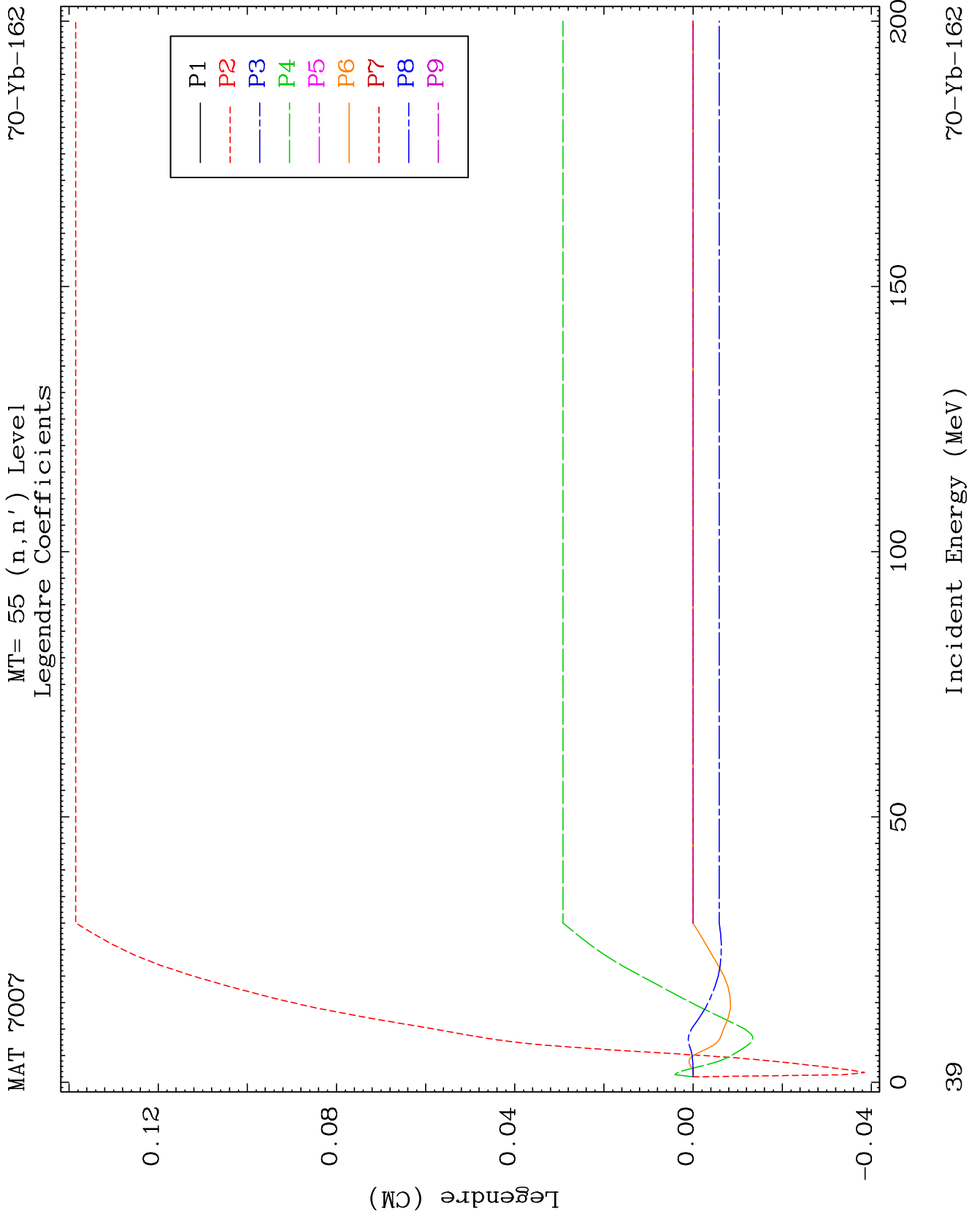


MAT 7007

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

70-Yb-162

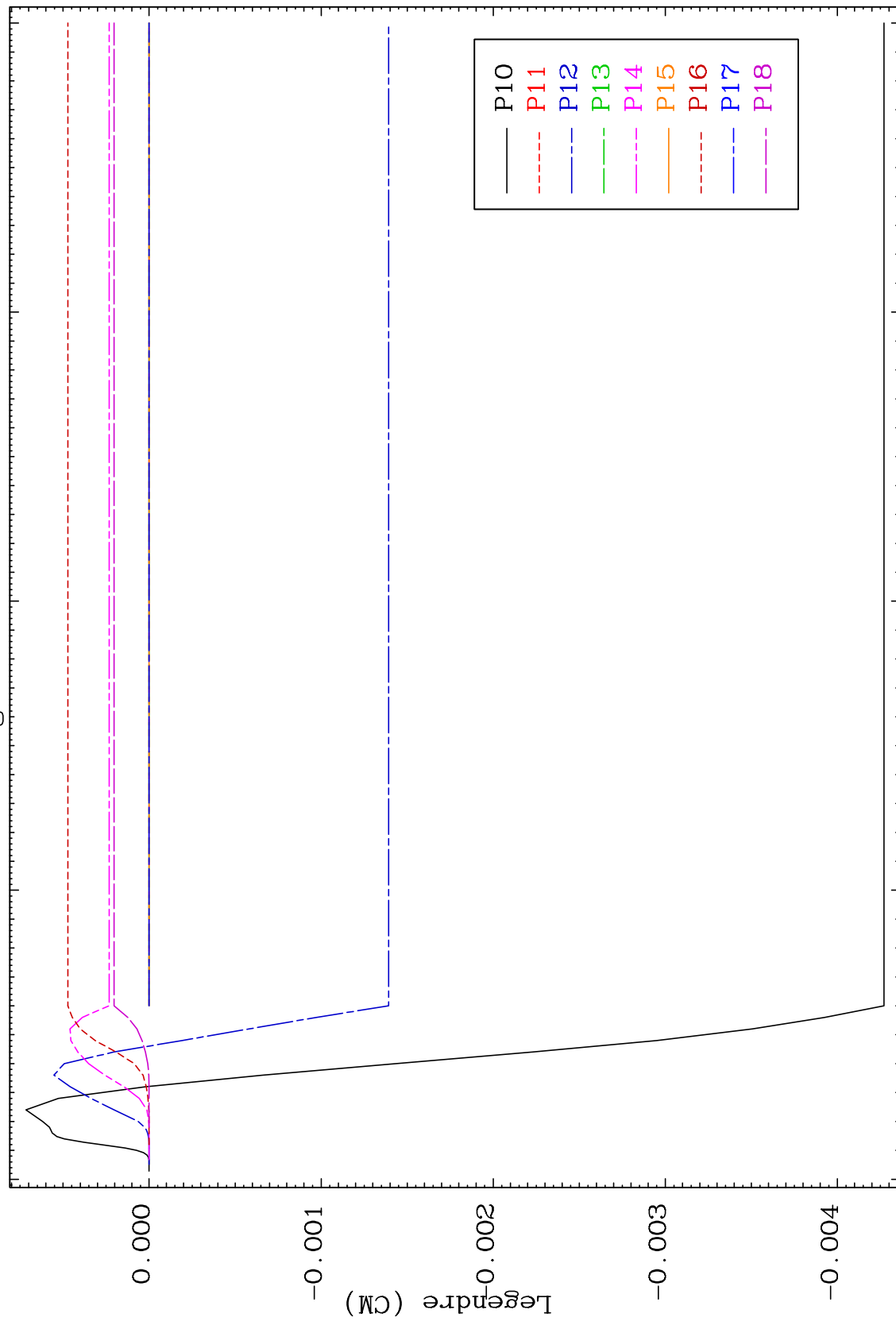




MAT 7007

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

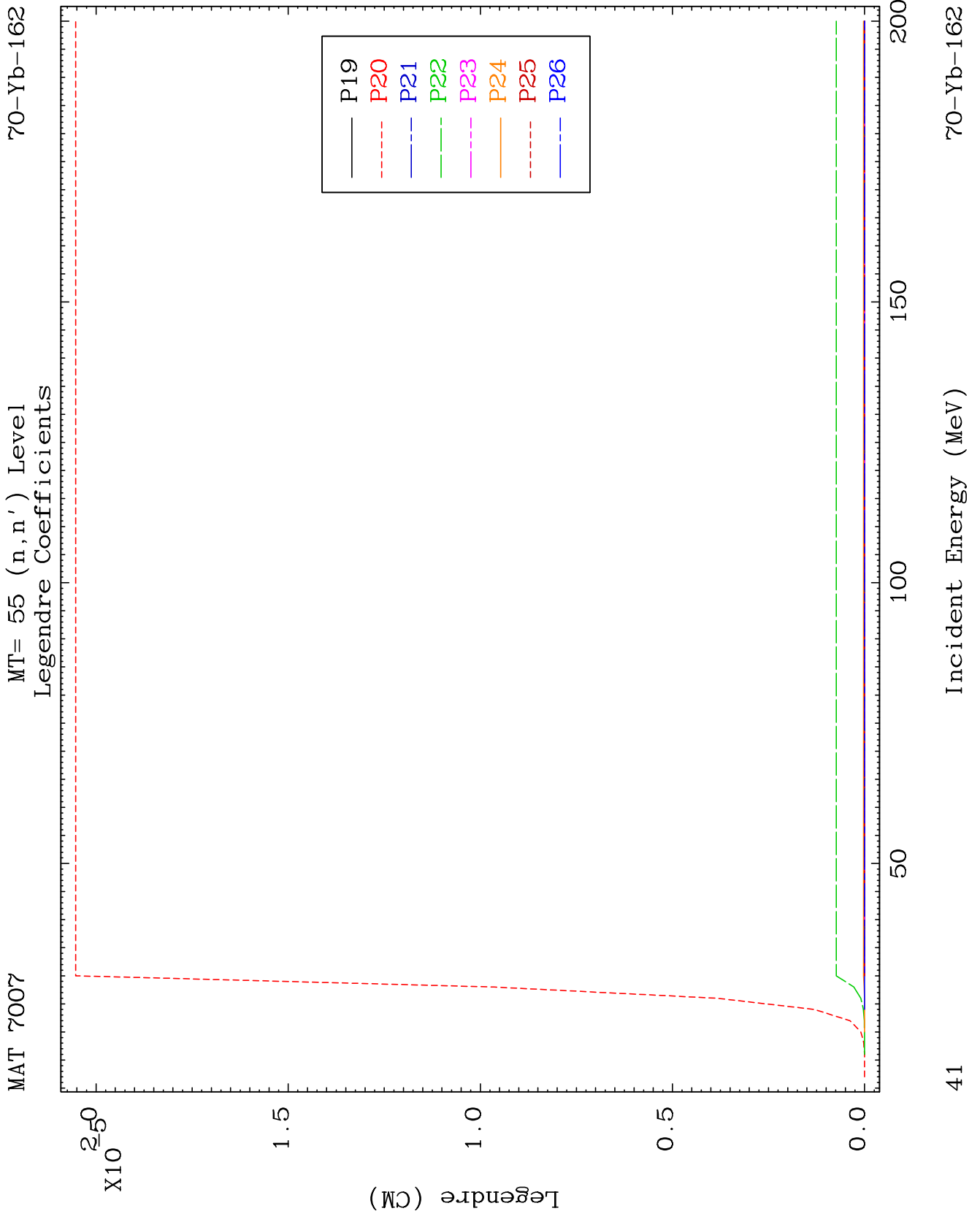
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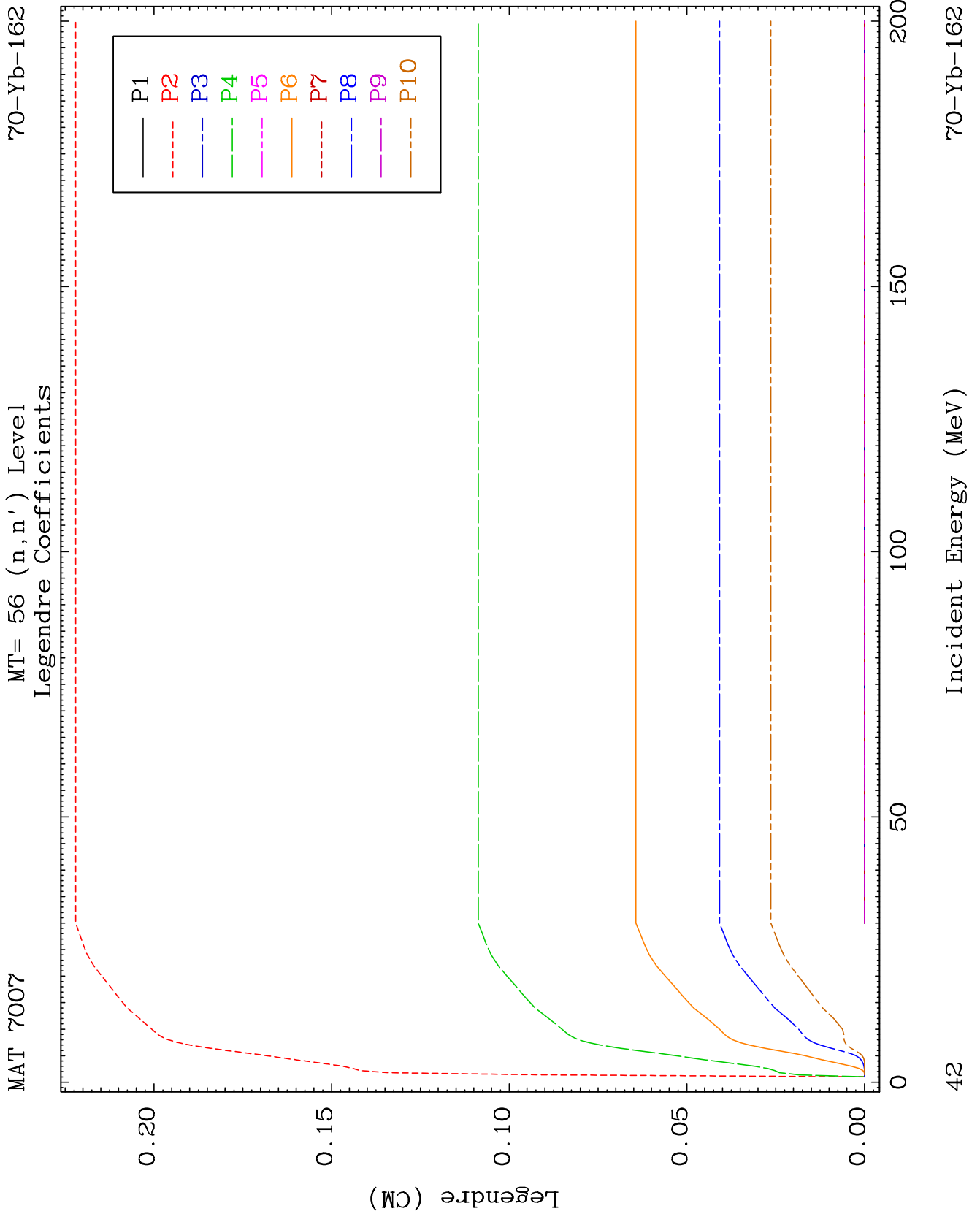


40

Incident Energy (MeV)

70-Yb-162

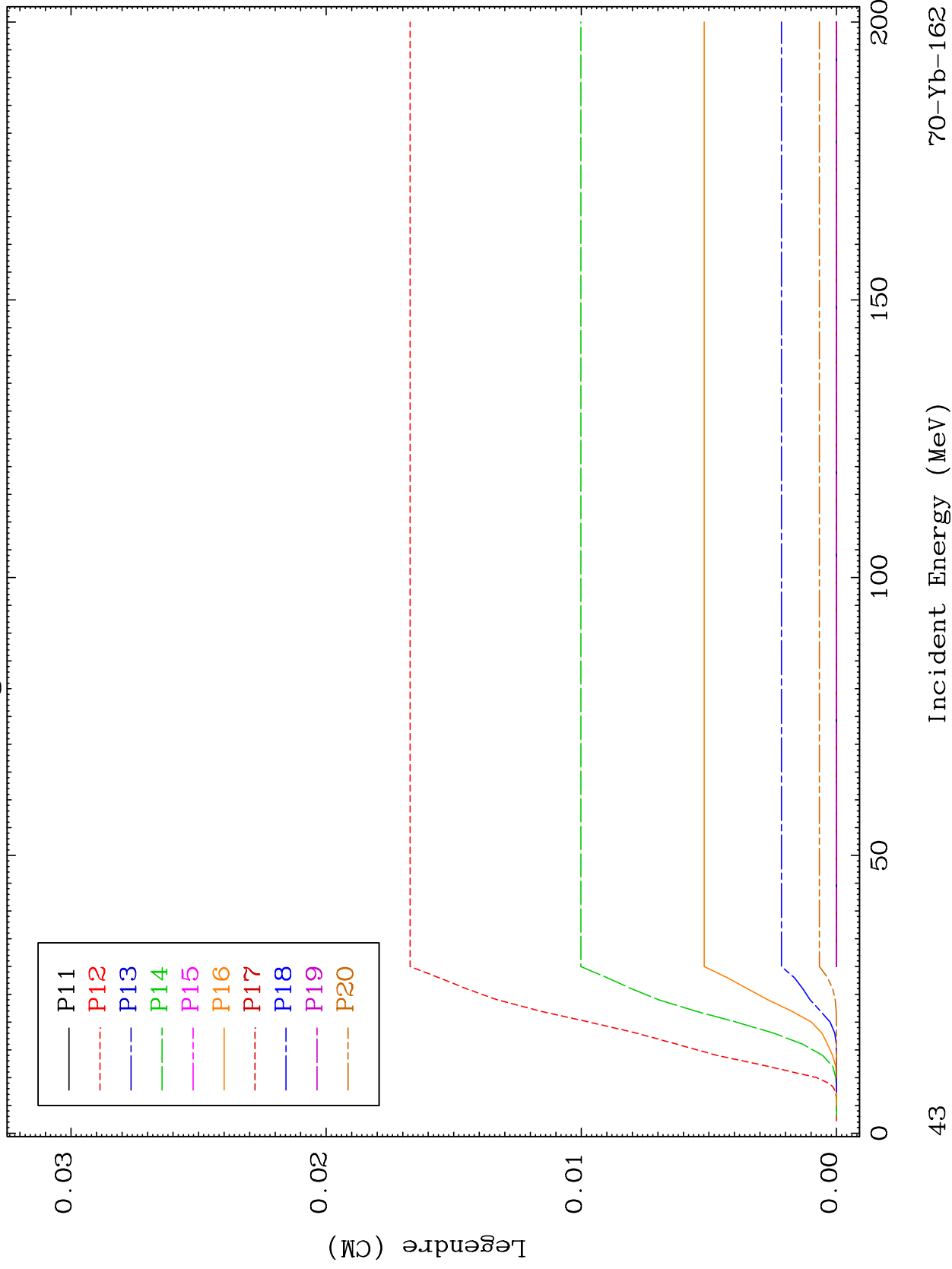




MAT 7007

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

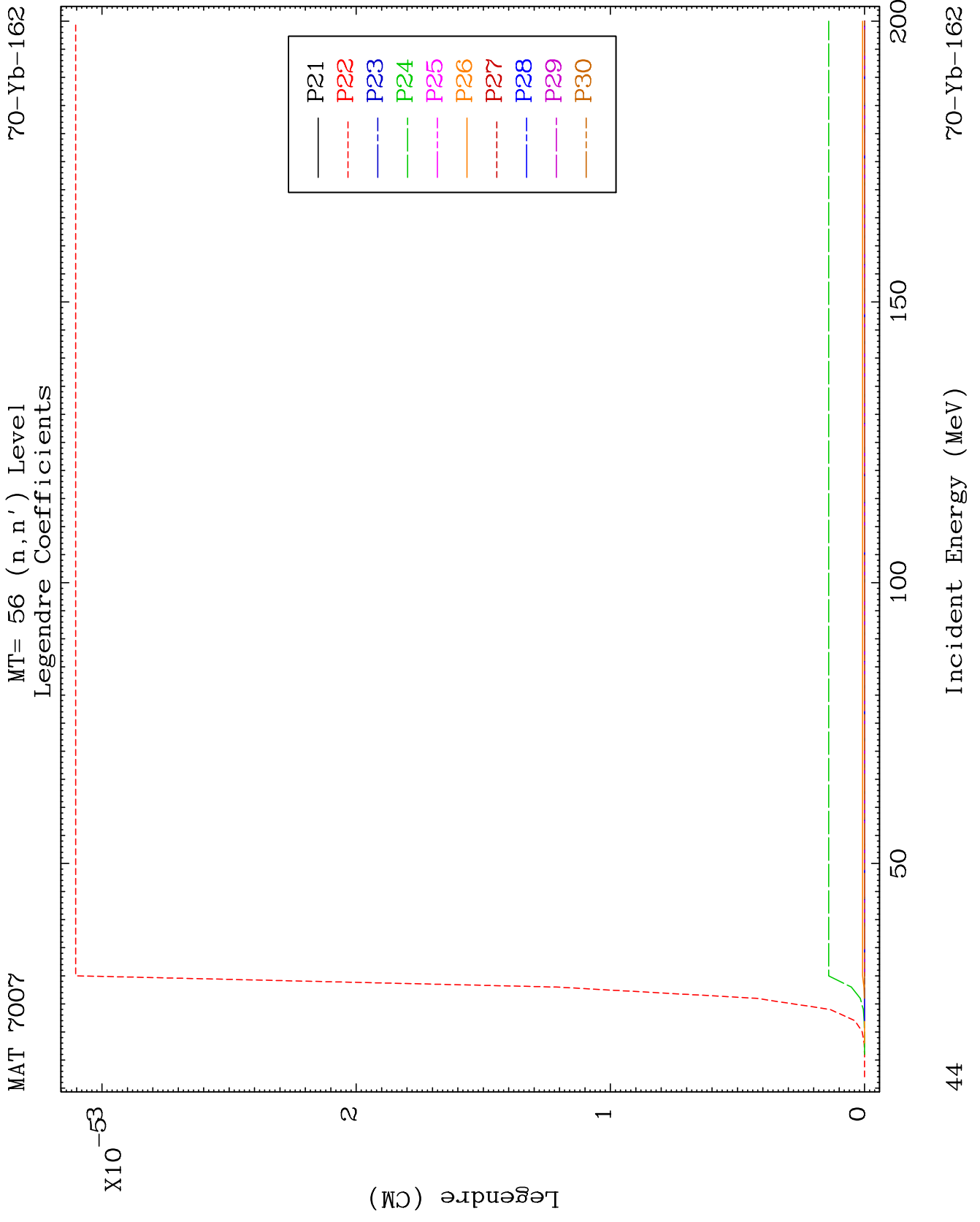
70-Yb-162



43

Incident Energy (MeV)

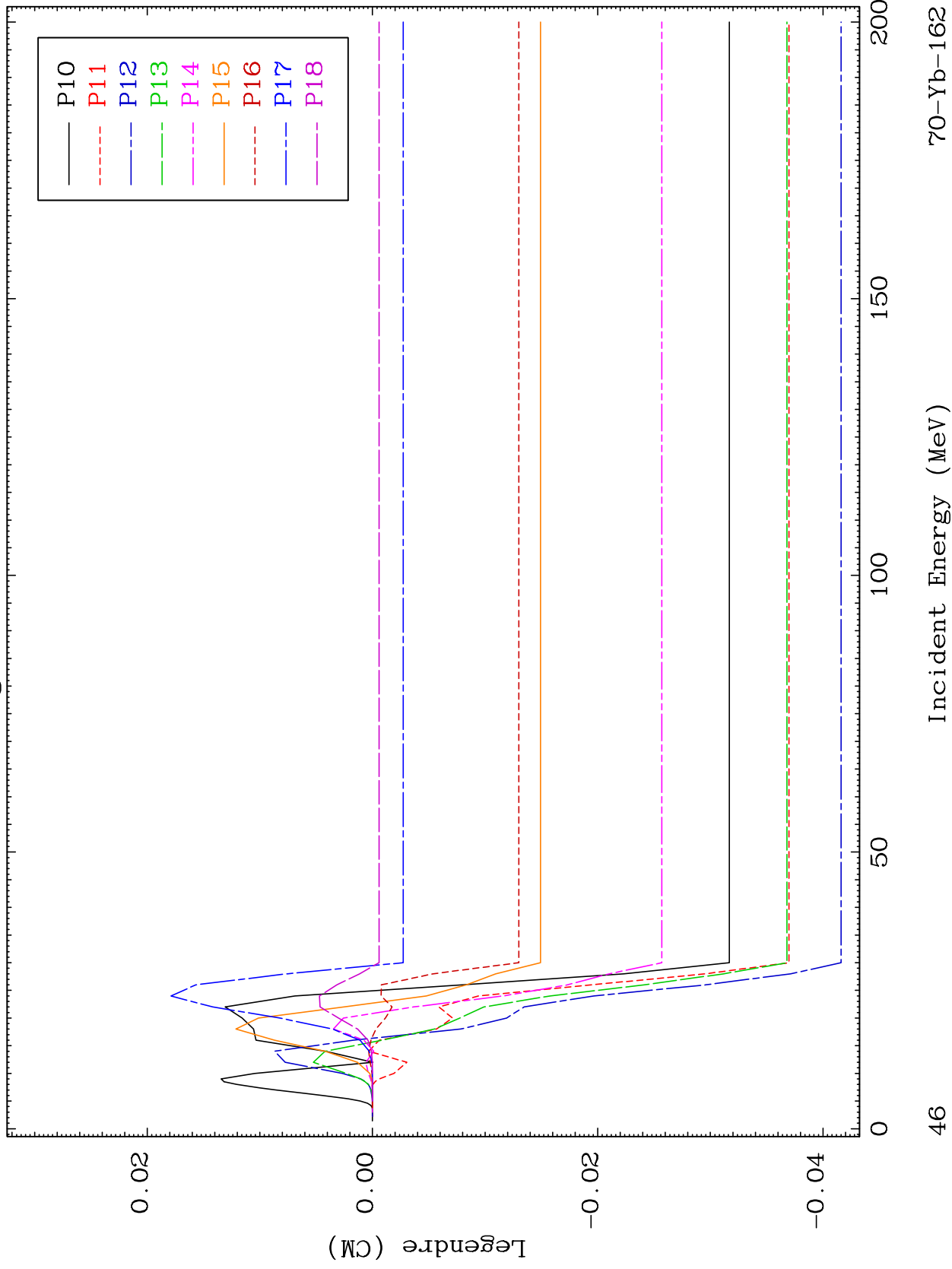
70-Yb-162



MAT 7007

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

70-Yb-162



70-Yb-162

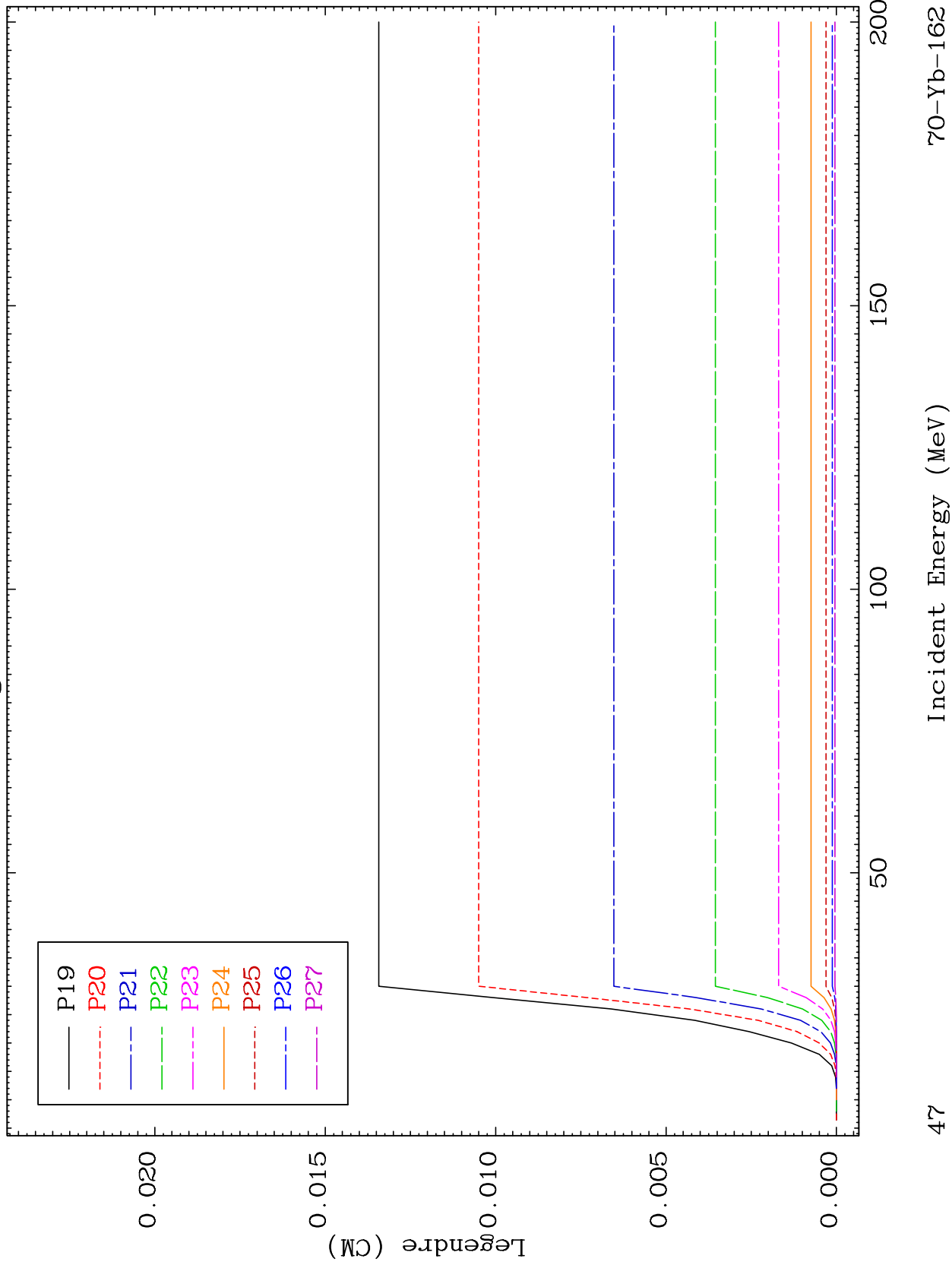
Incident Energy (MeV)

46

MAT 7007

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

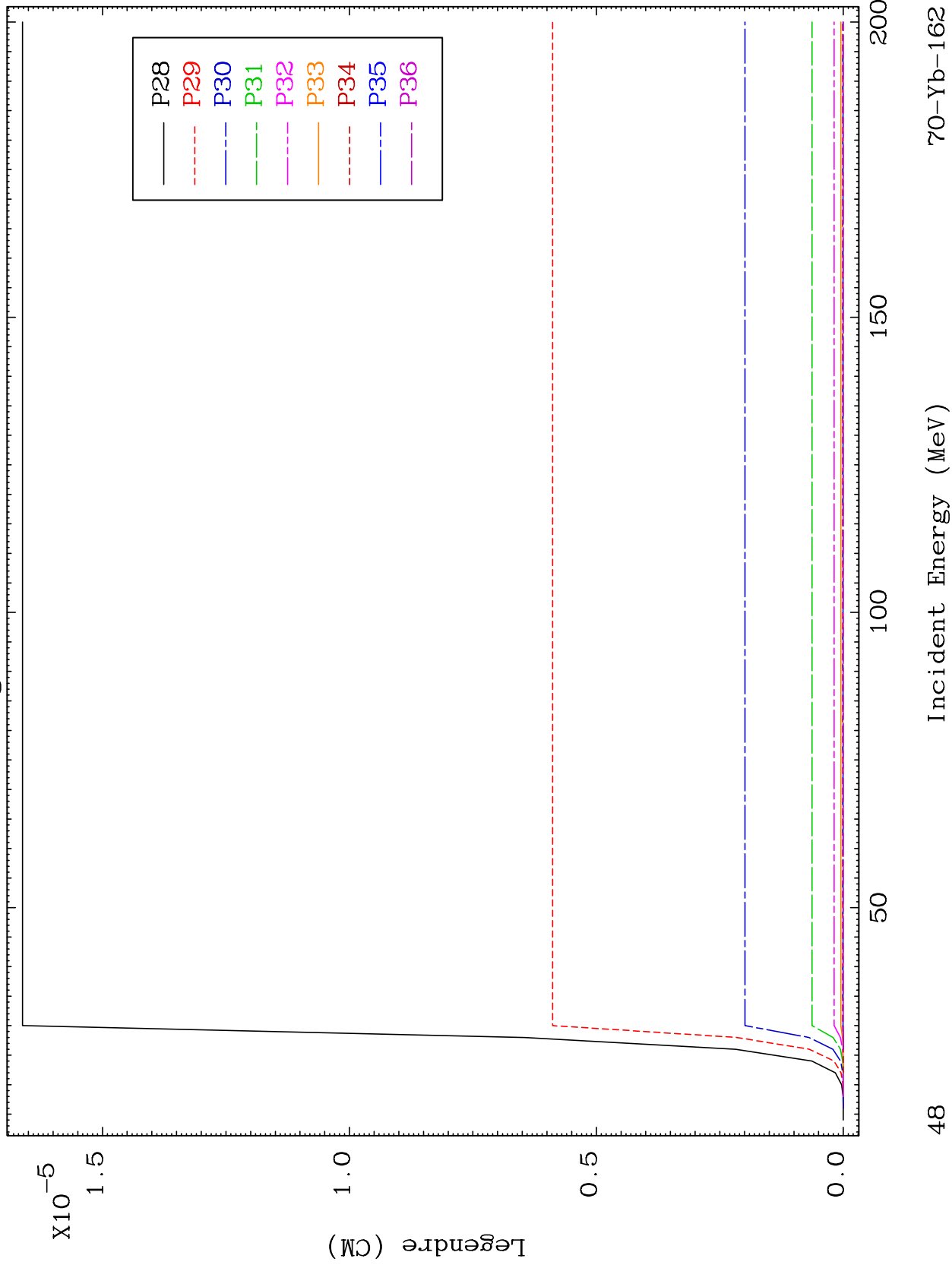
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MAT 7007

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

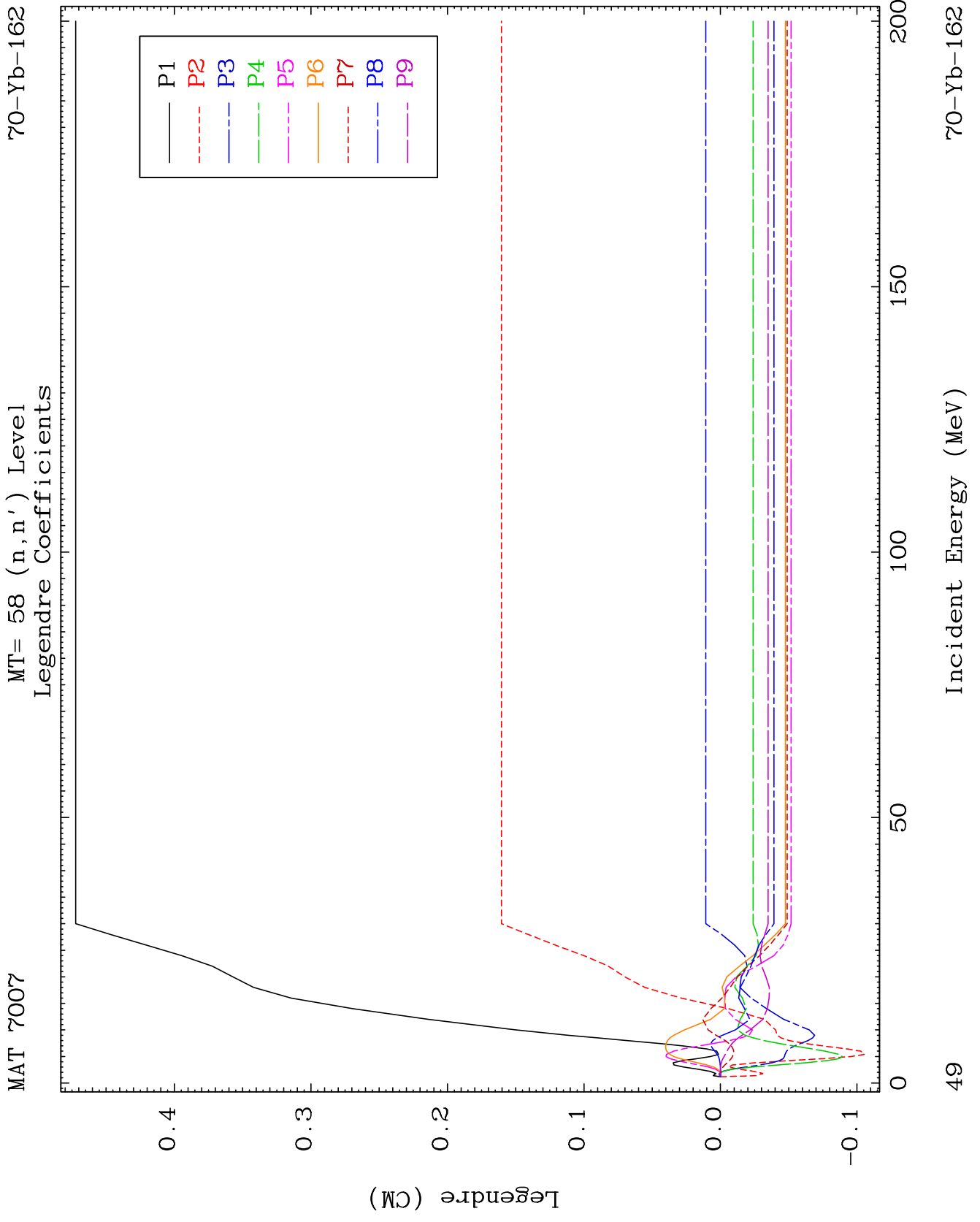
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Incident Energy (MeV)

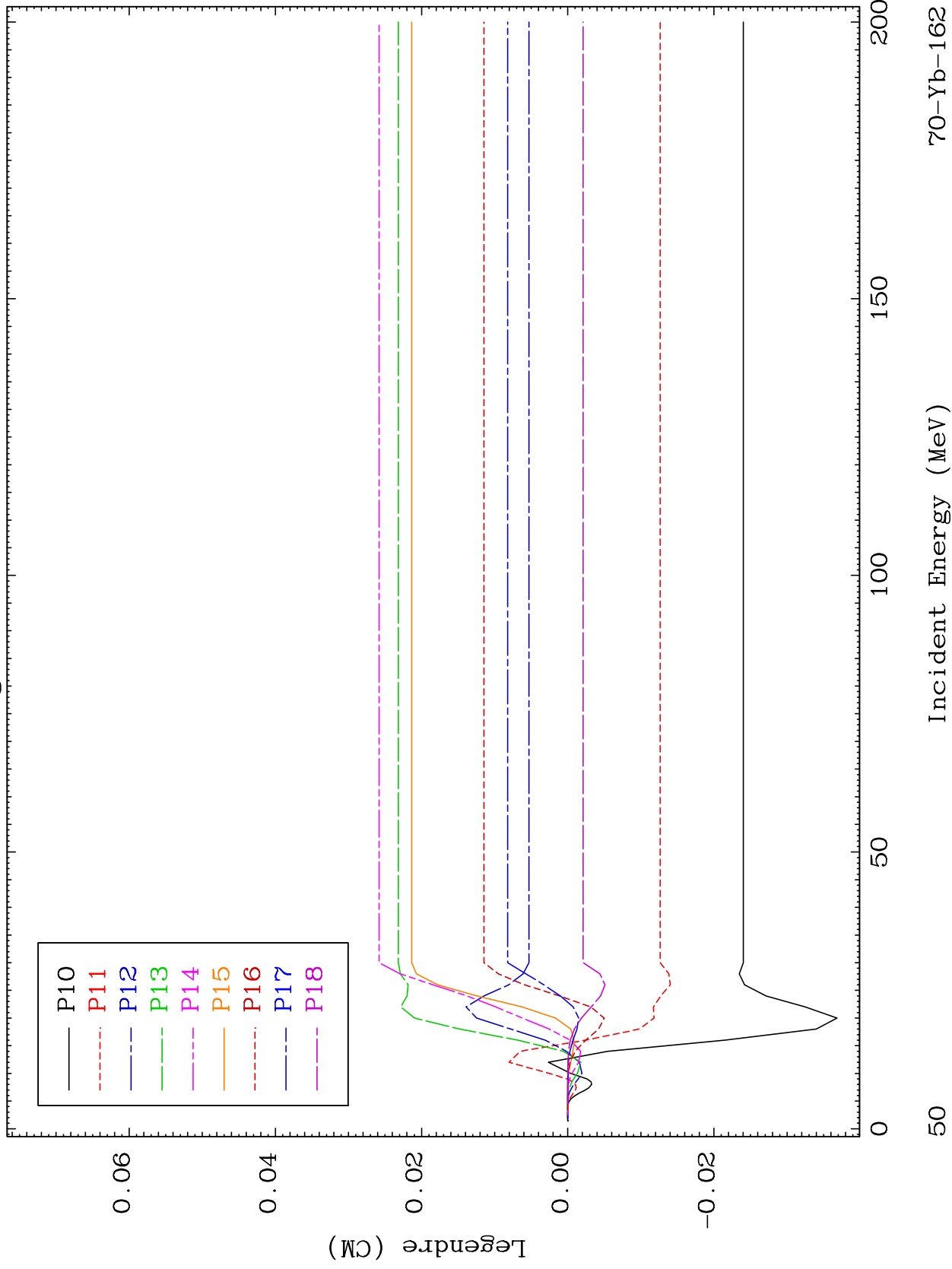
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MAT 7007

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

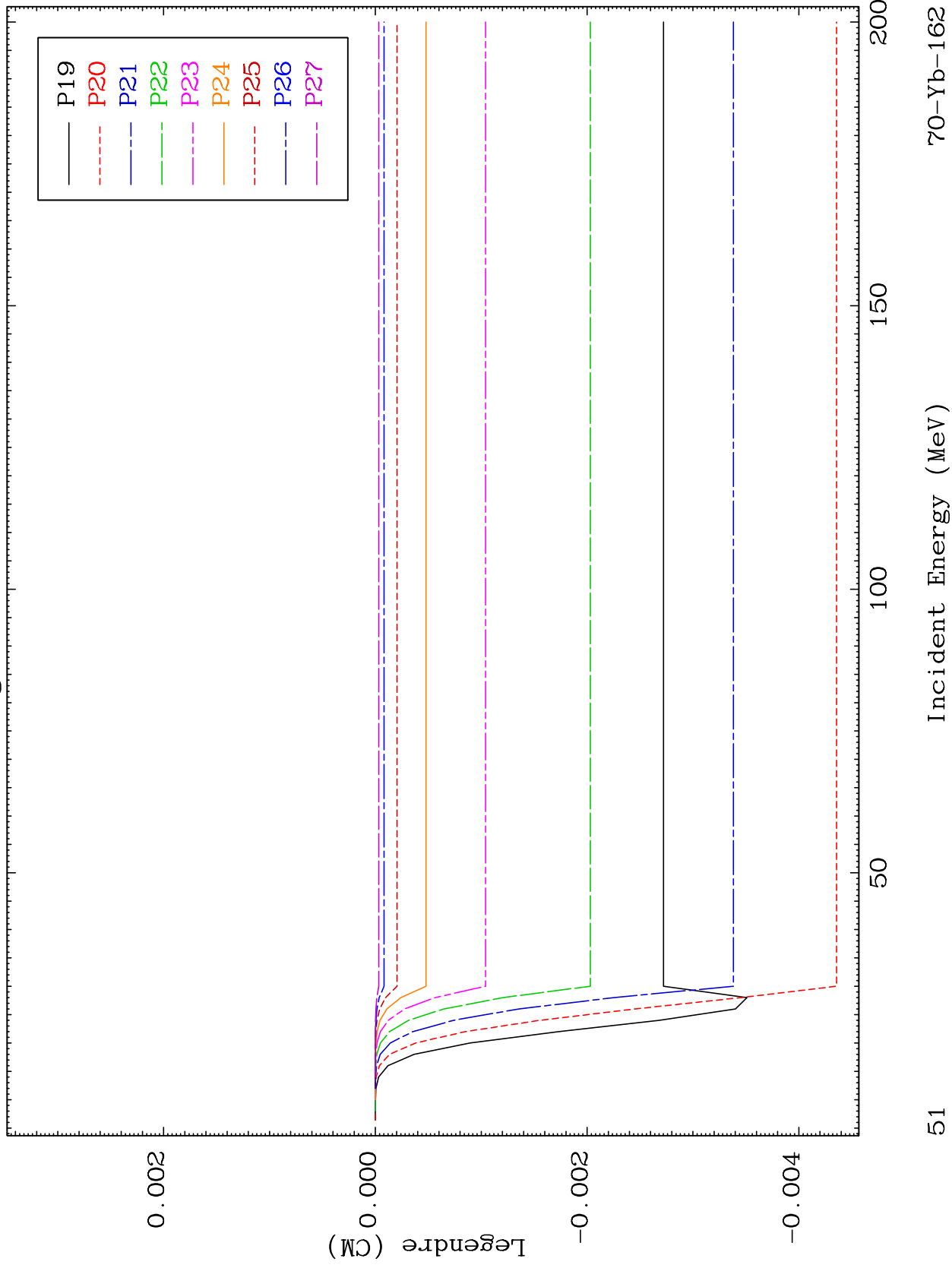
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MAT 7007

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

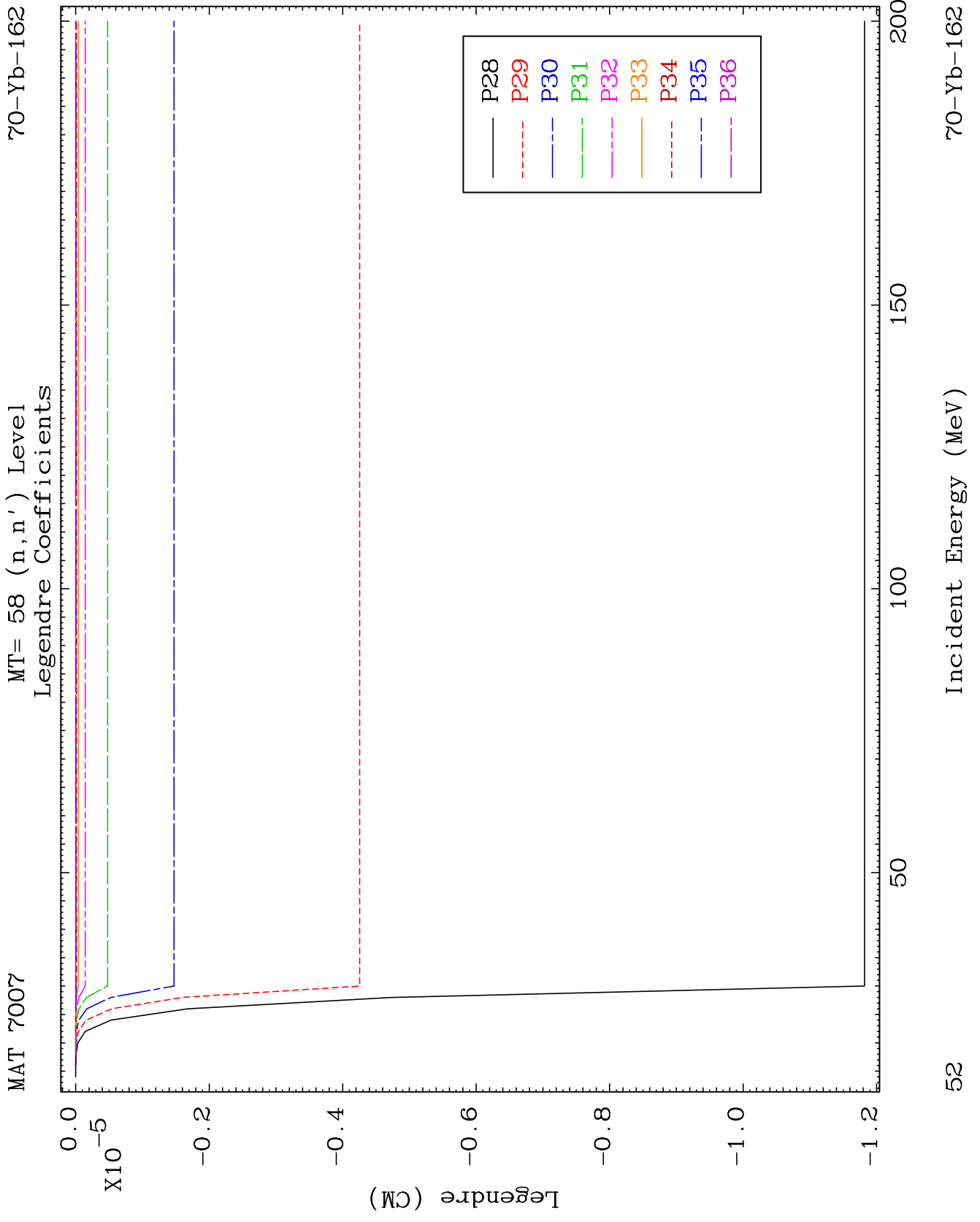
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Incident Energy (MeV)

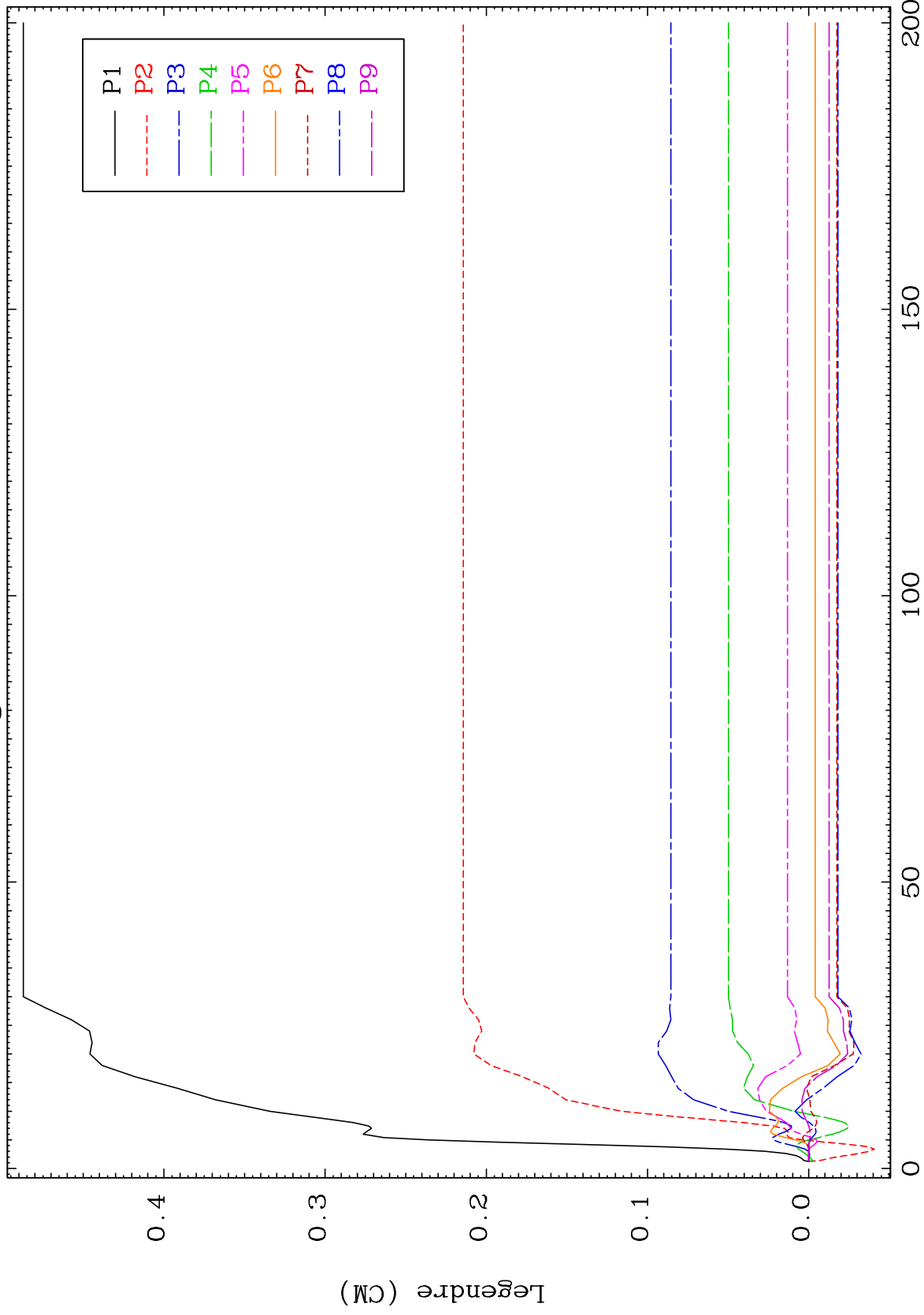
70-Yb-162



MAT 7007

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

70-Yb-162



53

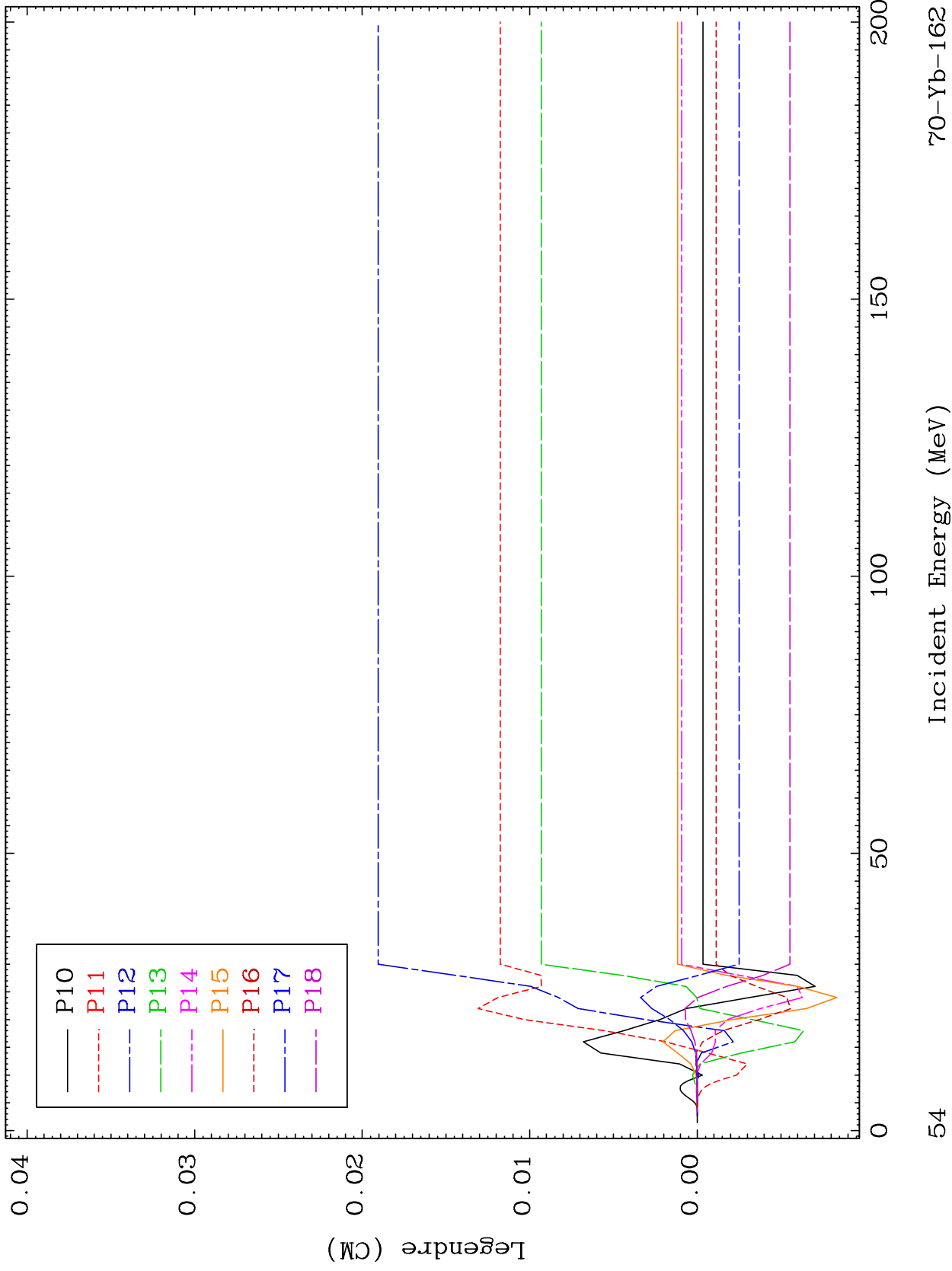
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



54

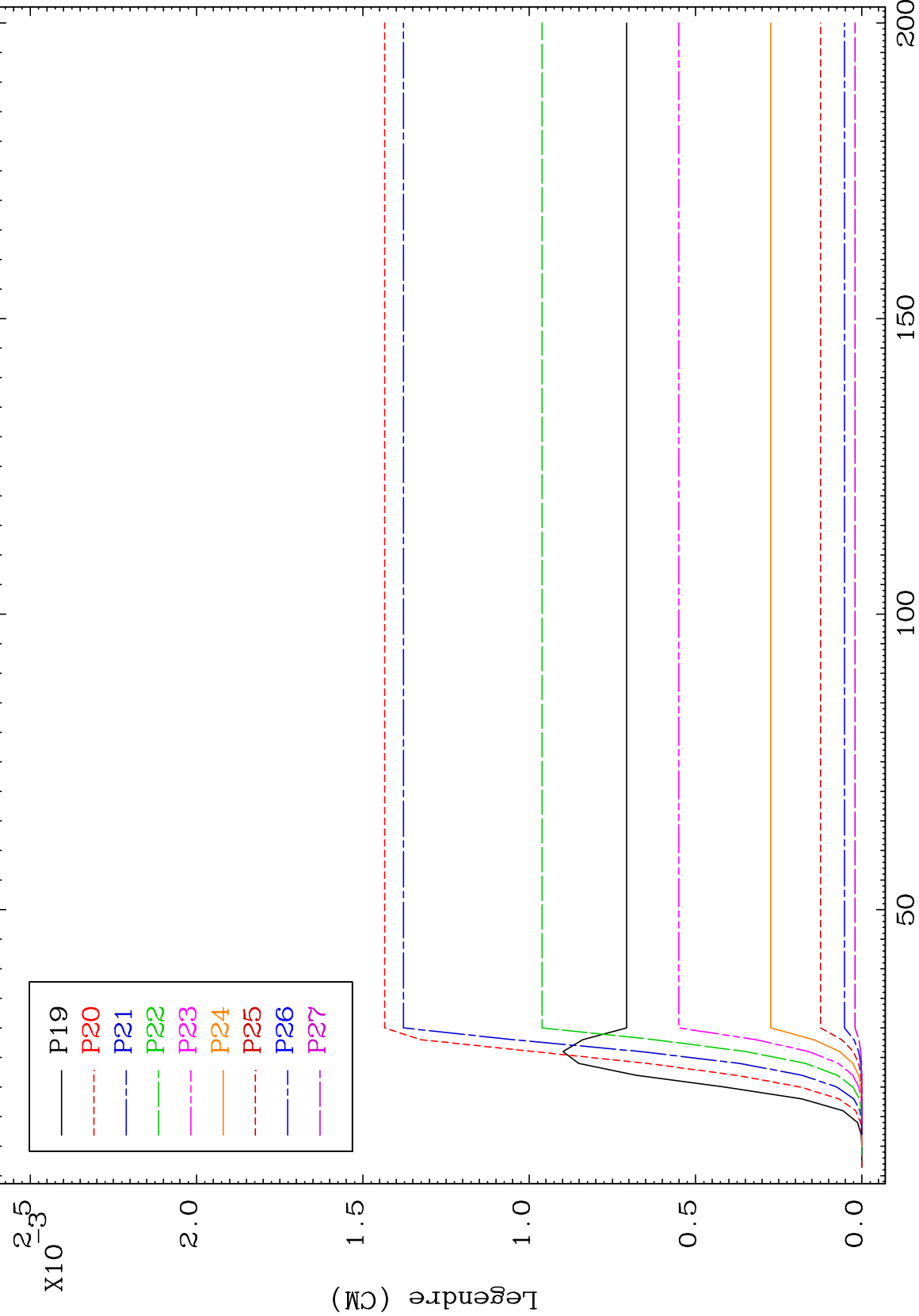
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

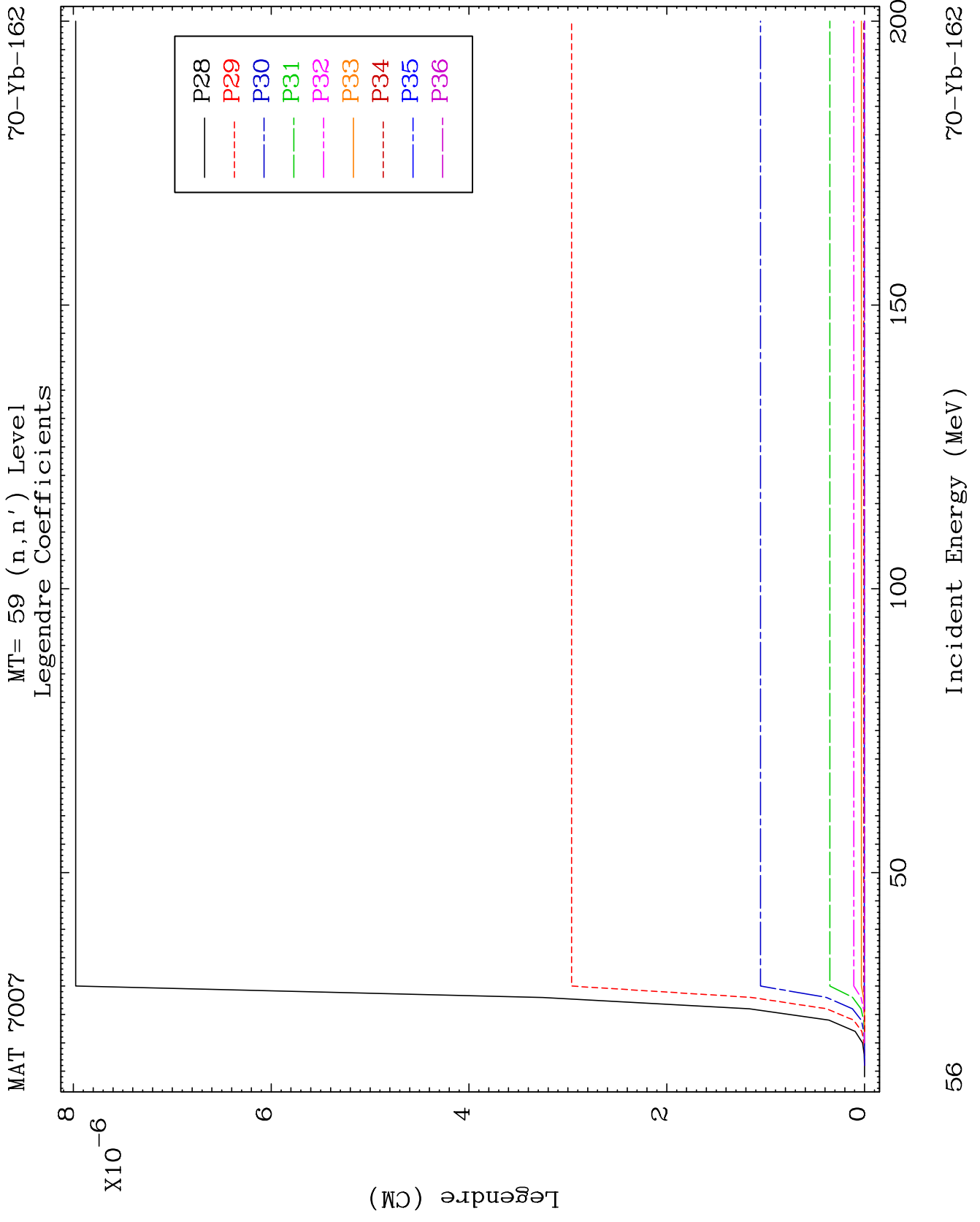
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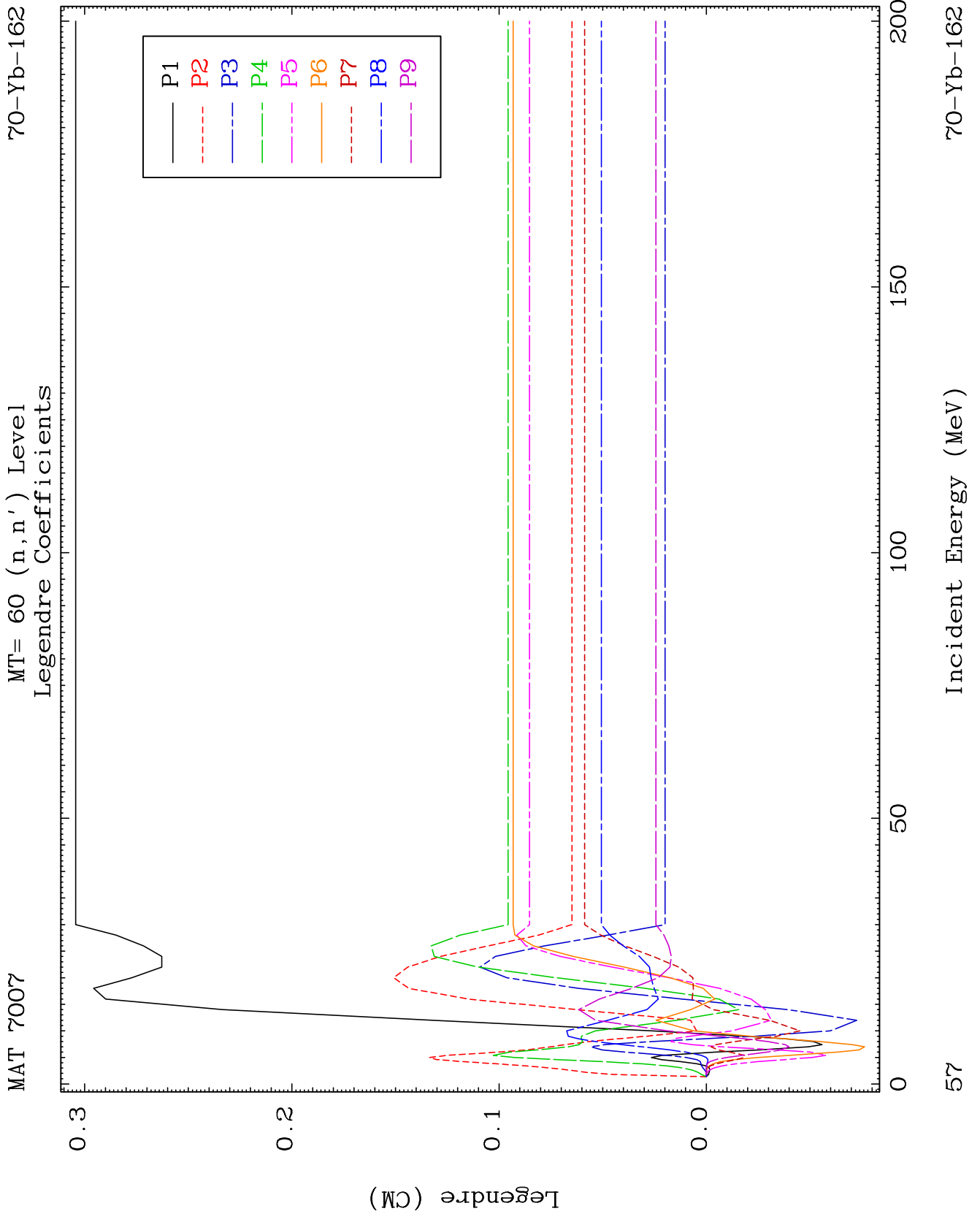


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Incident Energy (MeV)

70-Yb-162

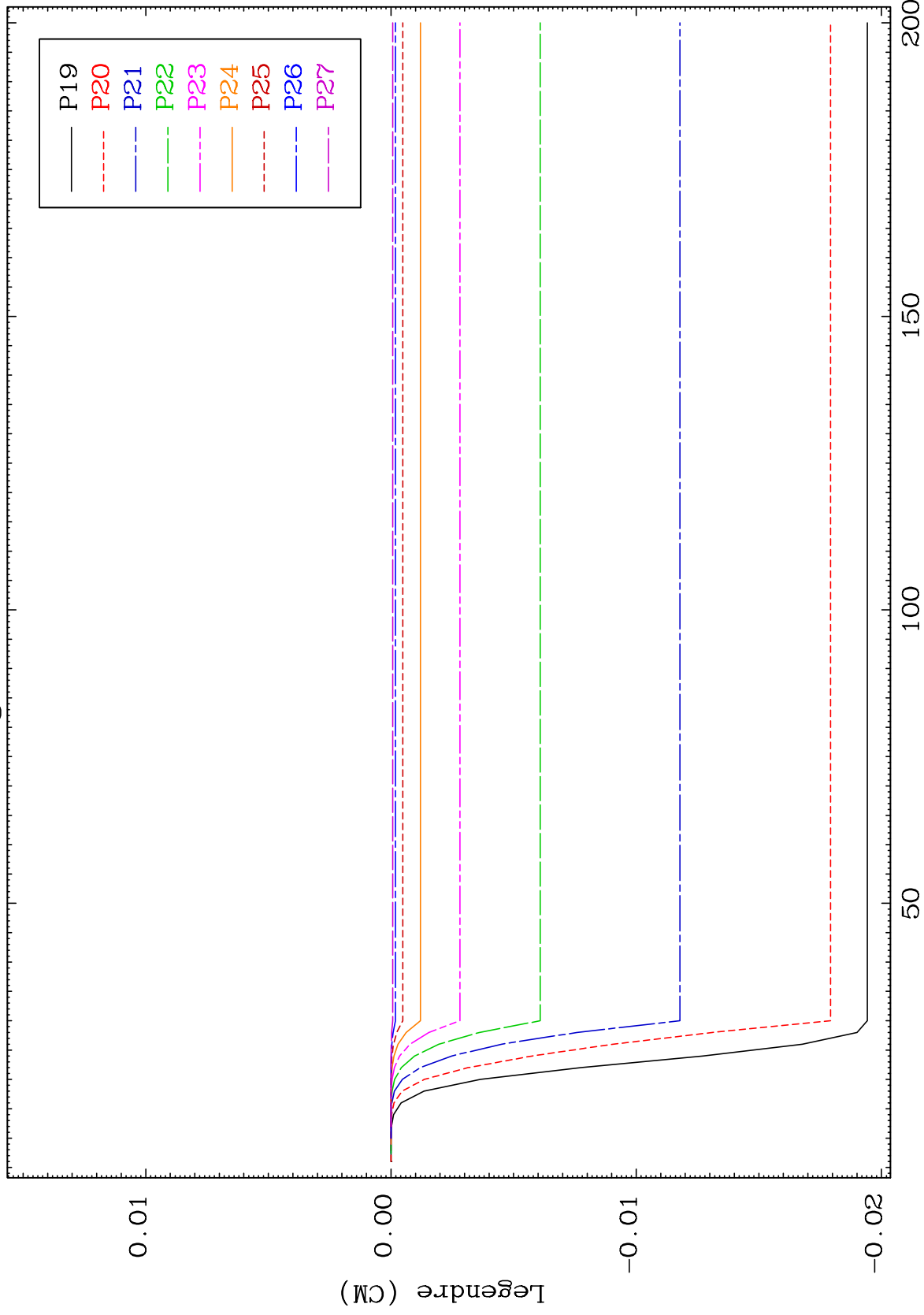




MAT 7007

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

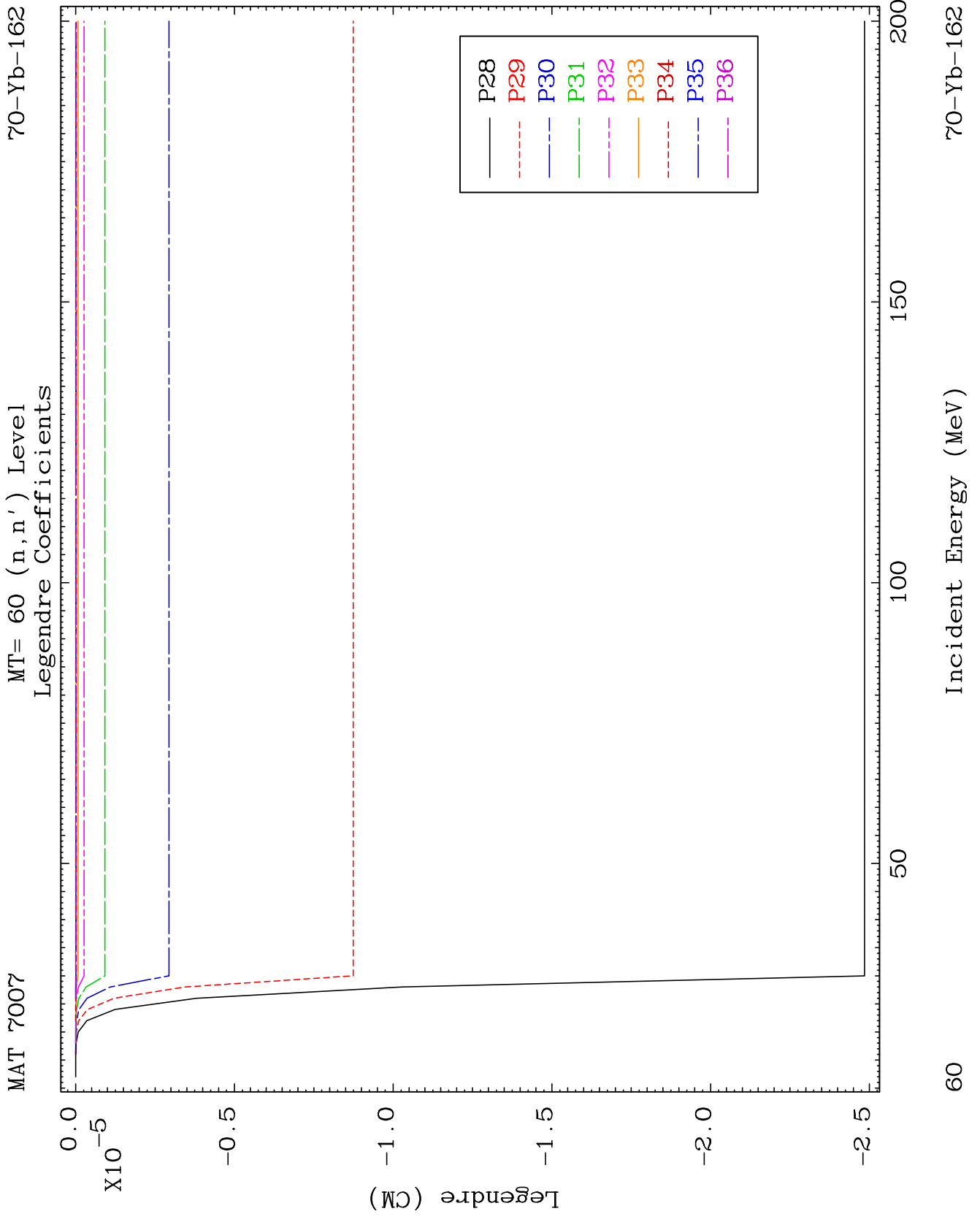
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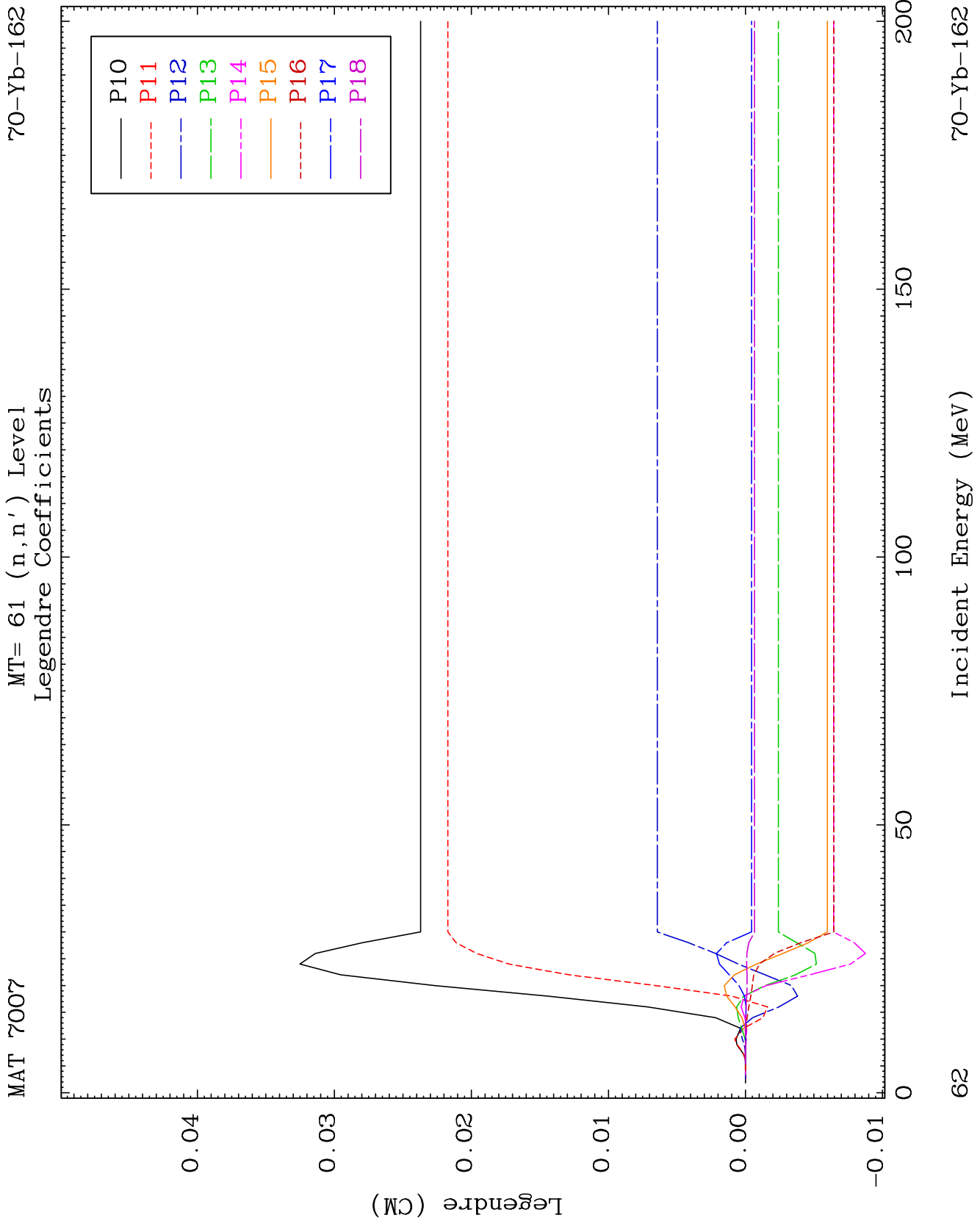


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Incident Energy (MeV)

70-Yb-162

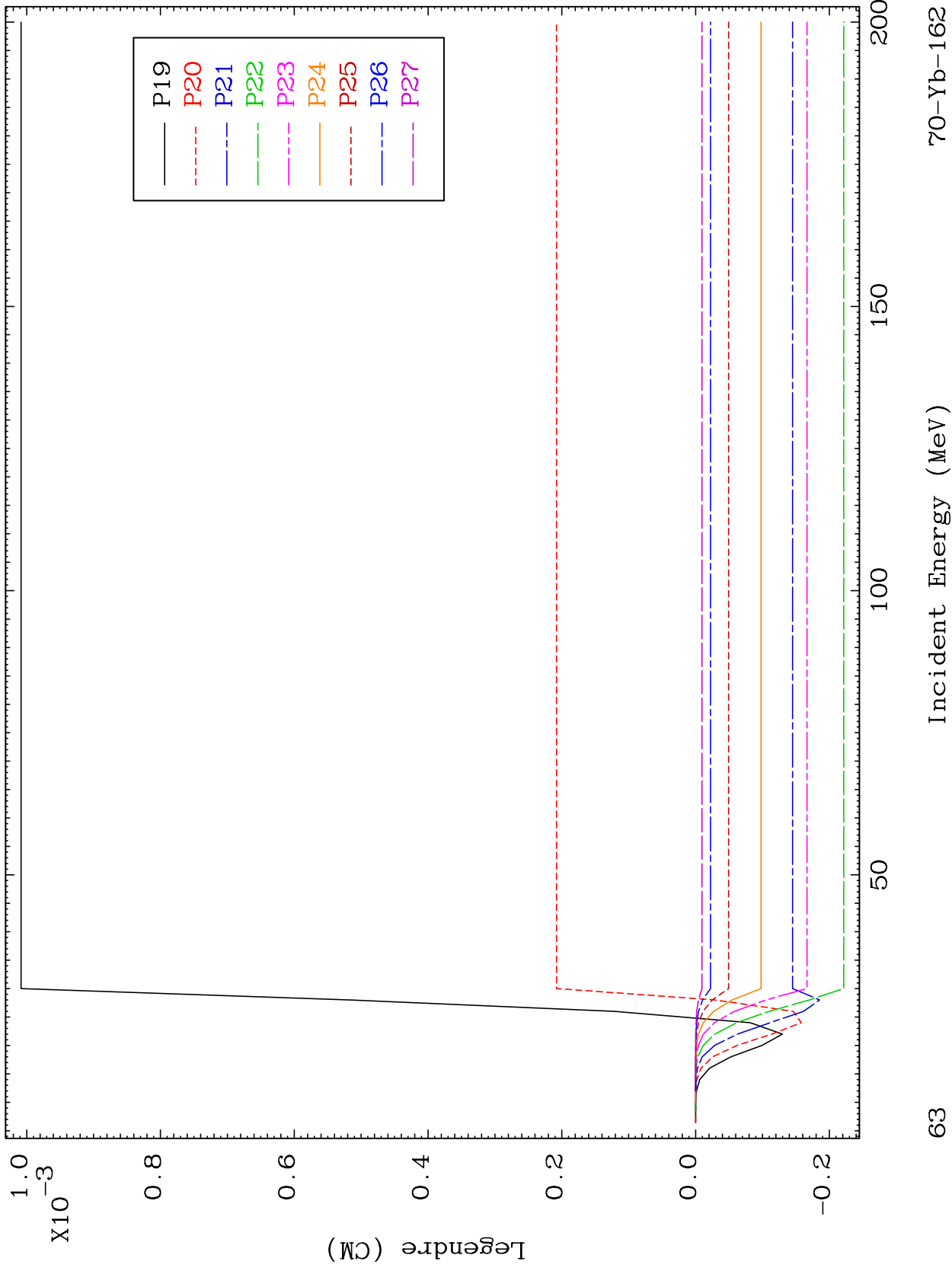


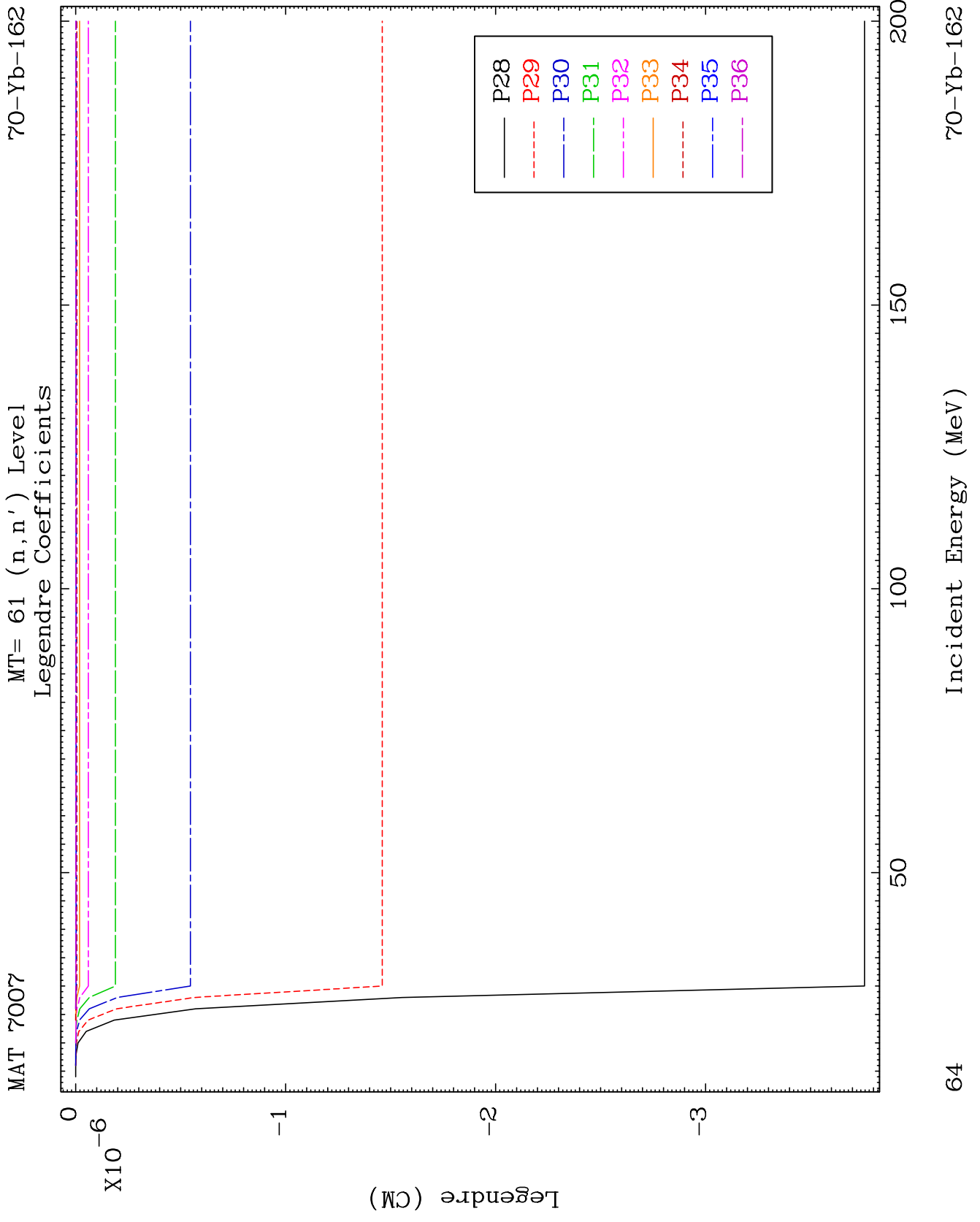


MAT 7007

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

70-Yb-162

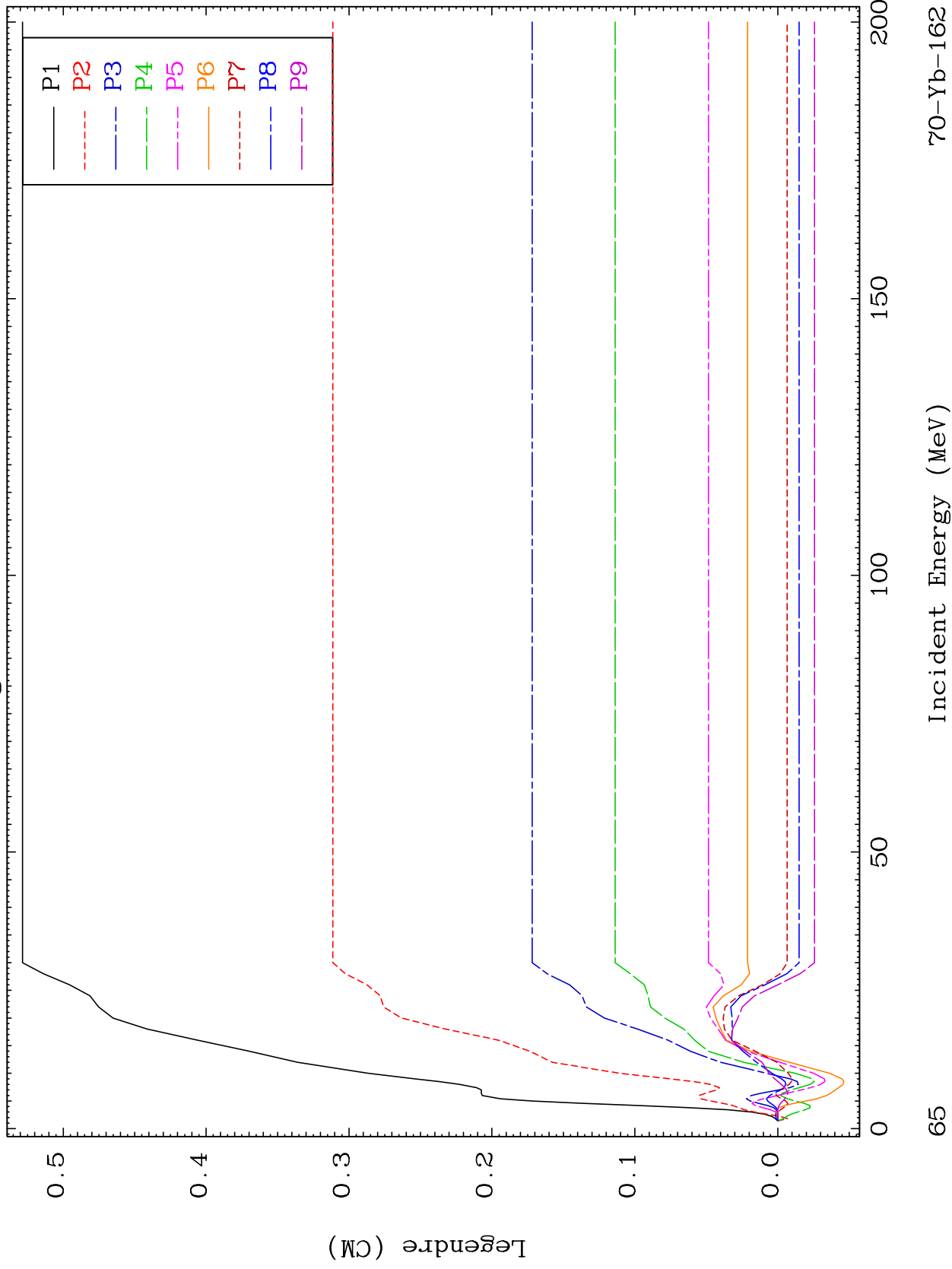




MAT 7007

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

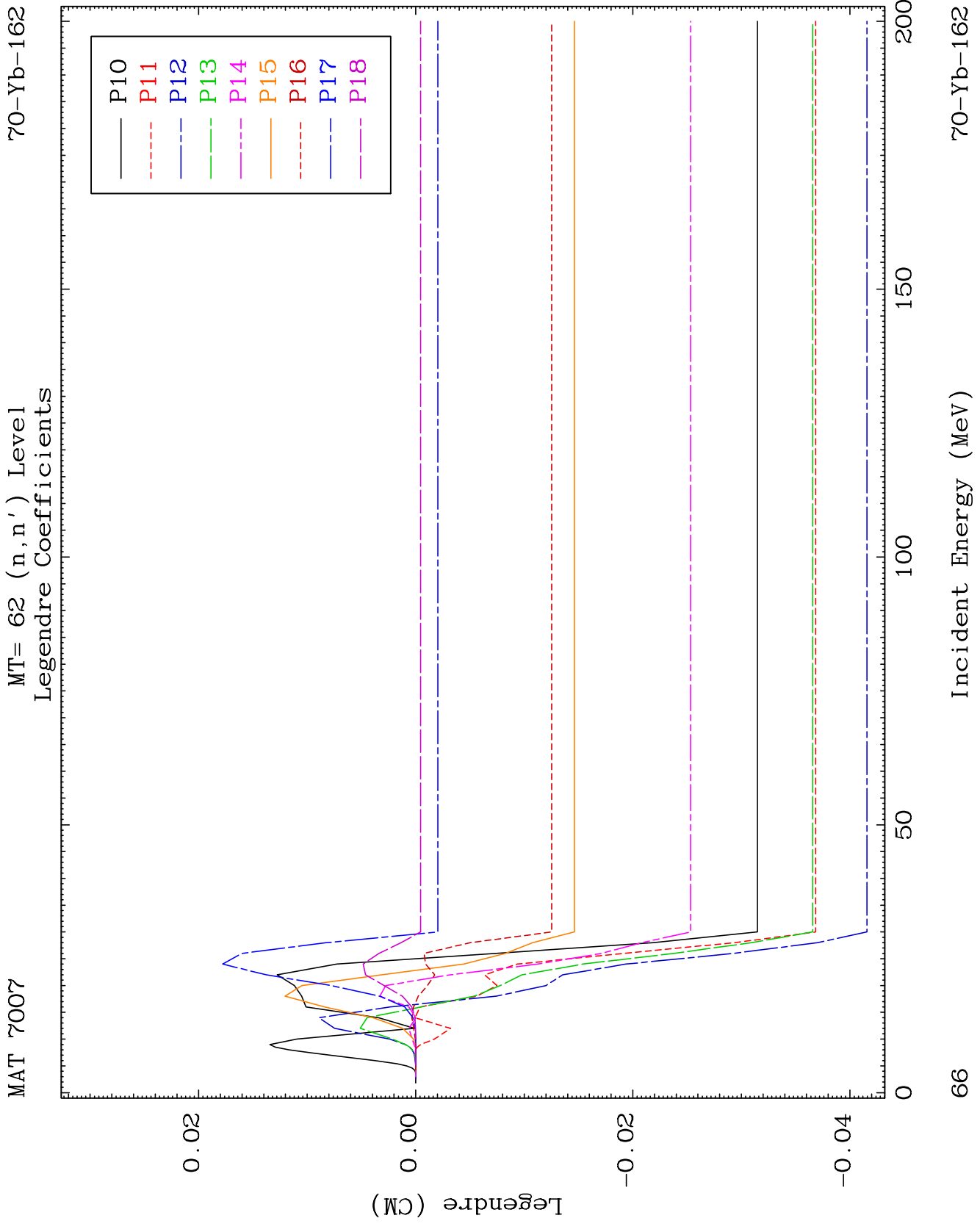
70-Yb-162



70-Yb-162

Incident Energy (MeV)

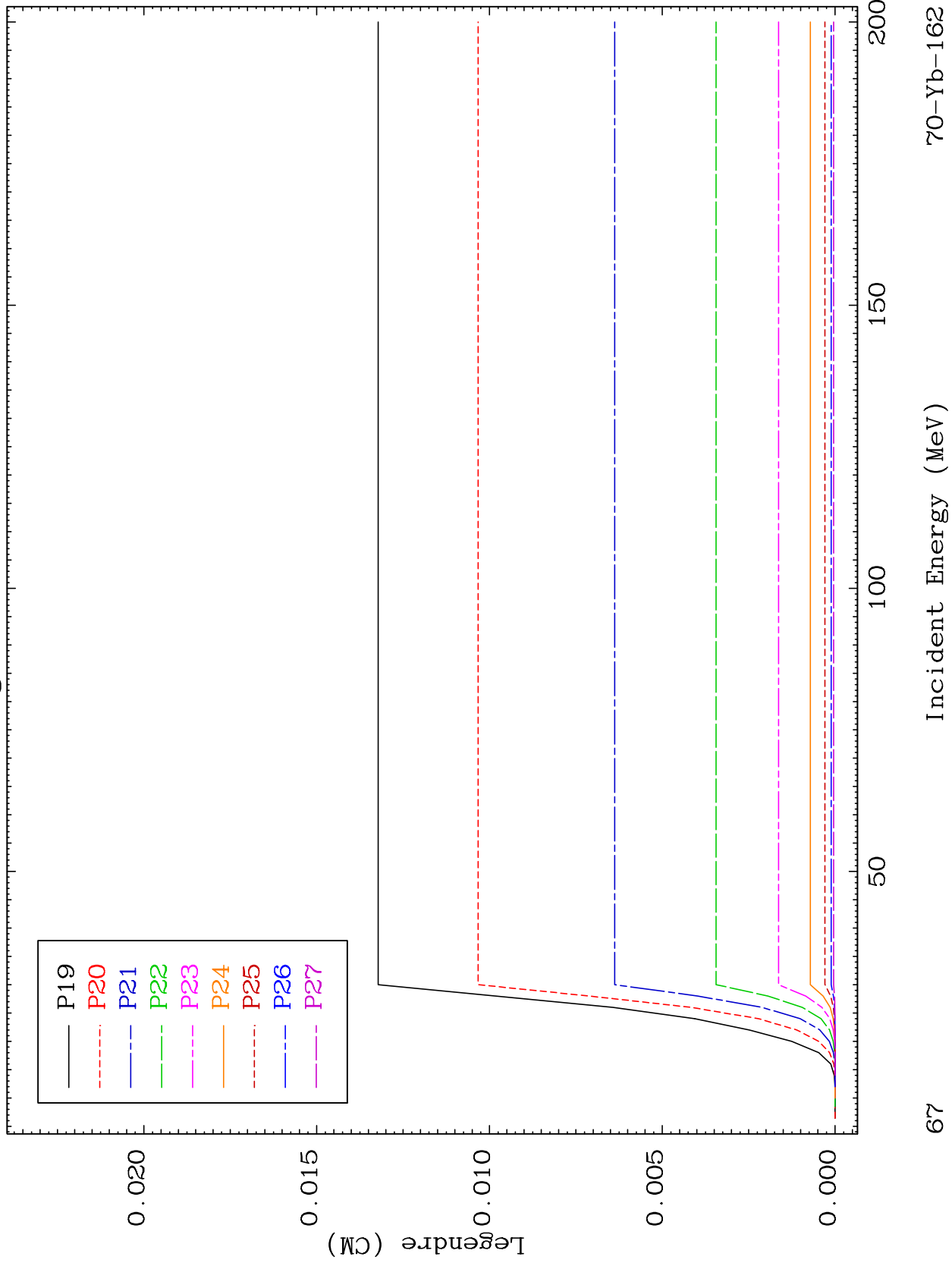
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MAT 7007

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

70-Yb-162



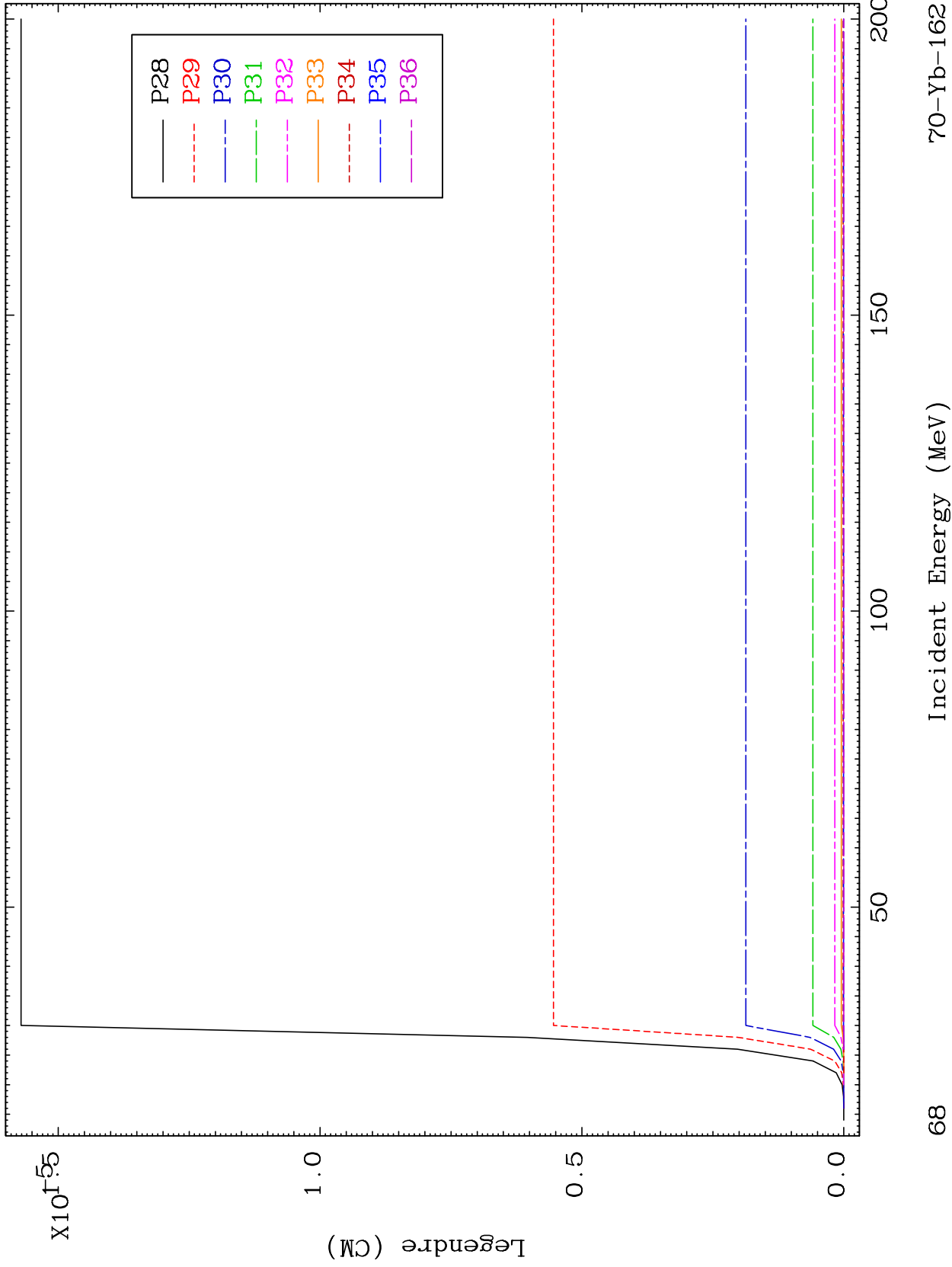
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70-Yb-162

MAT 7007

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

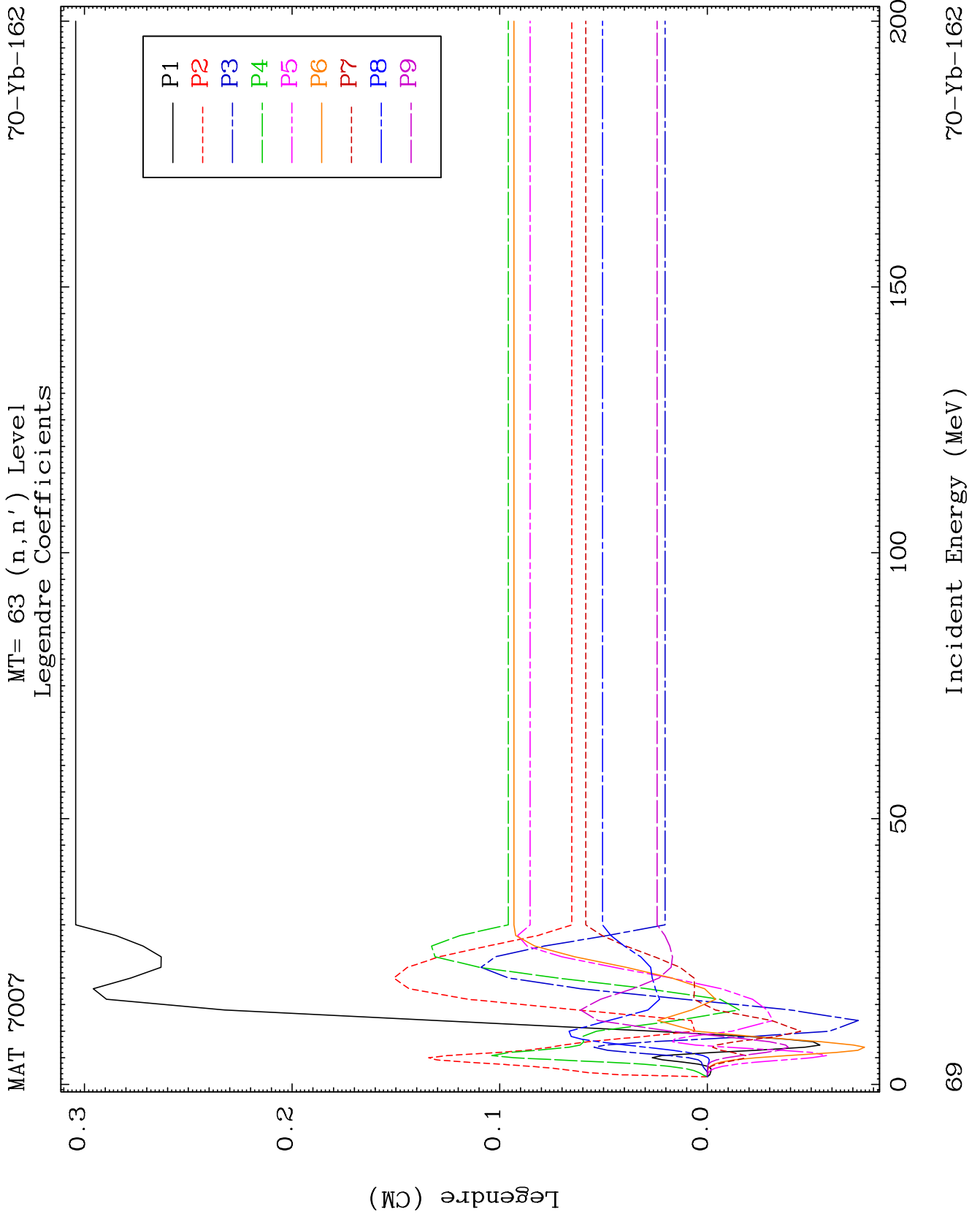
70-Yb-162



68

Incident Energy (MeV)

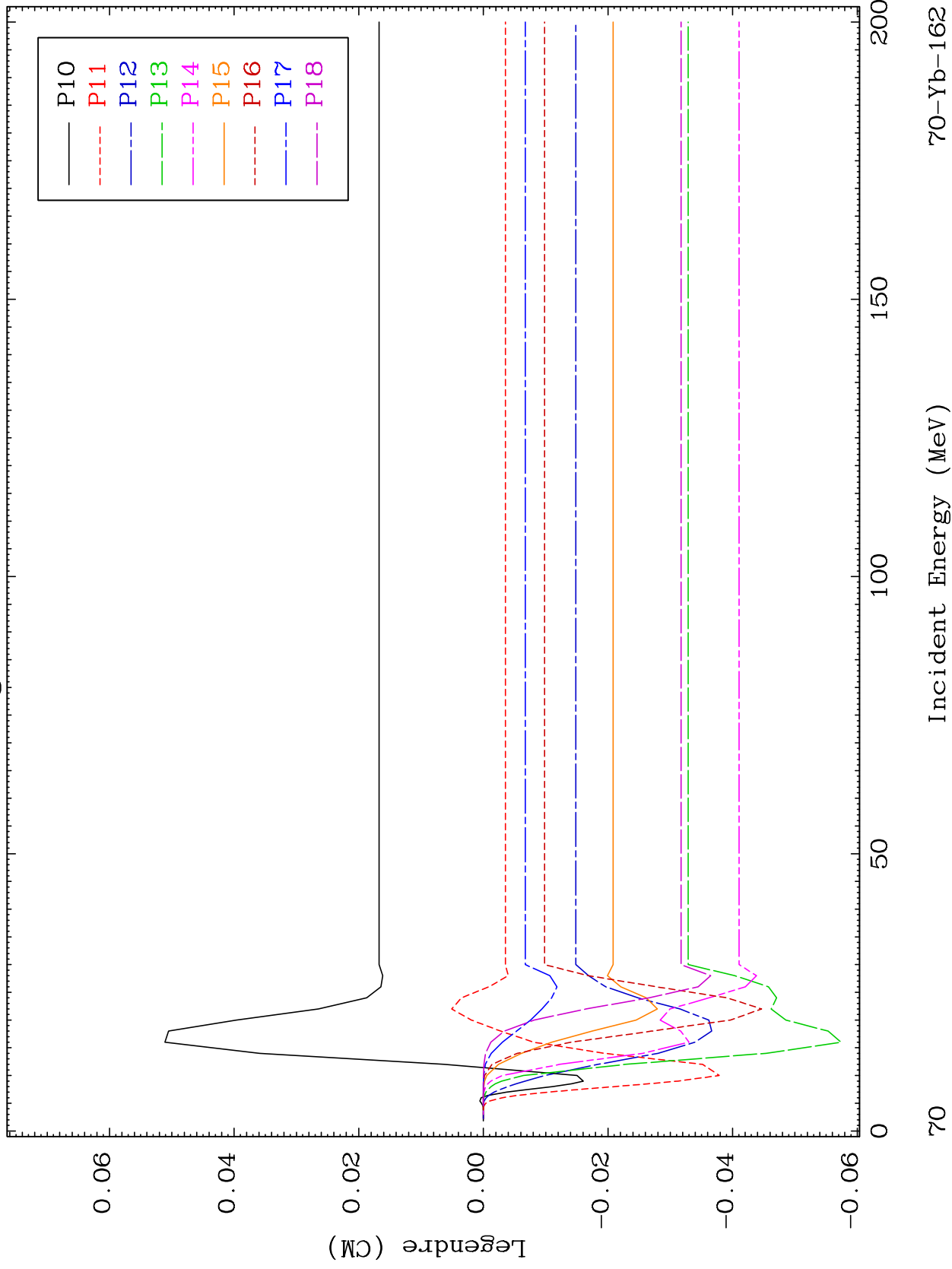
70-Yb-162



MAT 7007

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

70-Yb-162



70-Yb-162

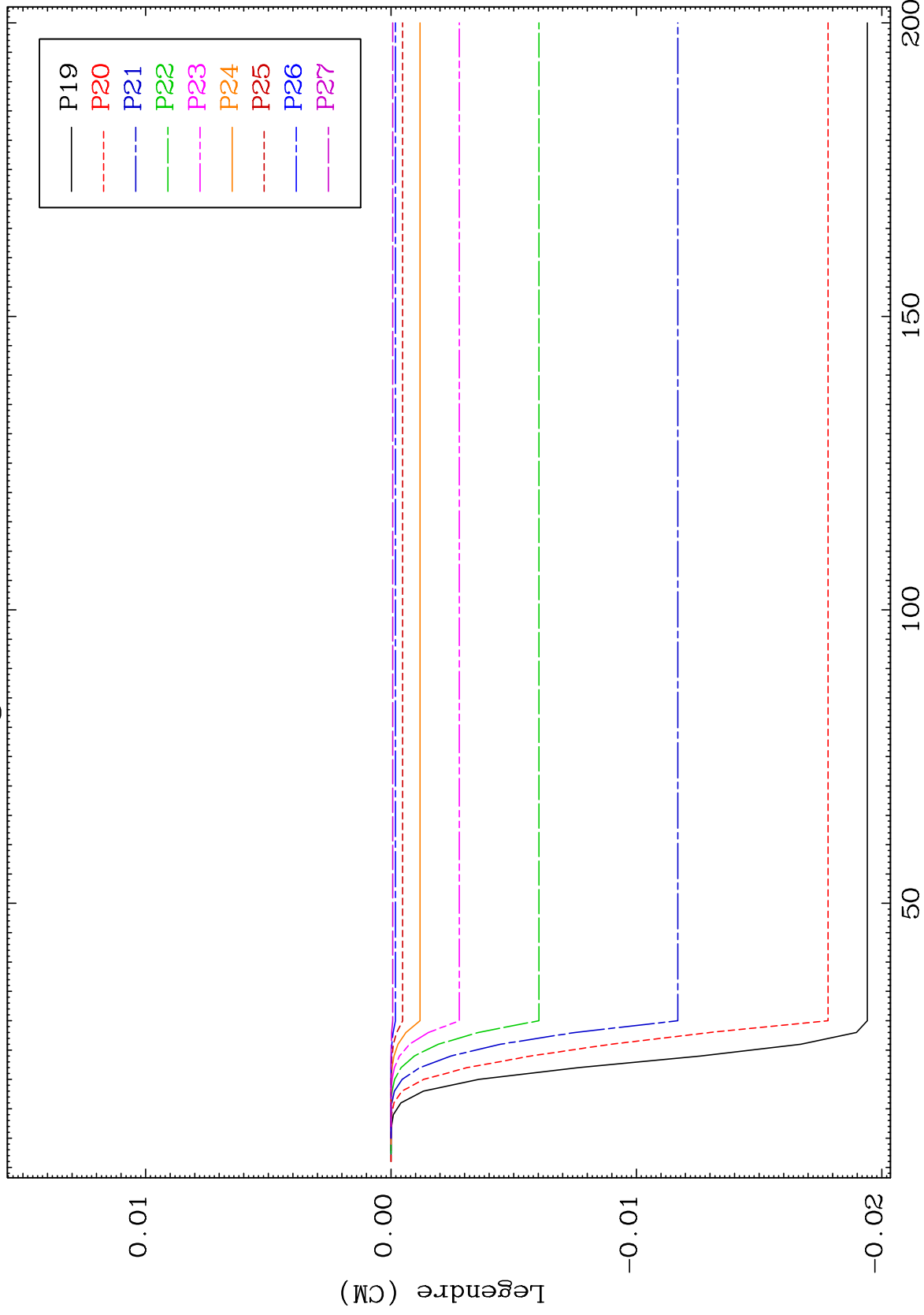
Incident Energy (MeV)

70

MAT 7007

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

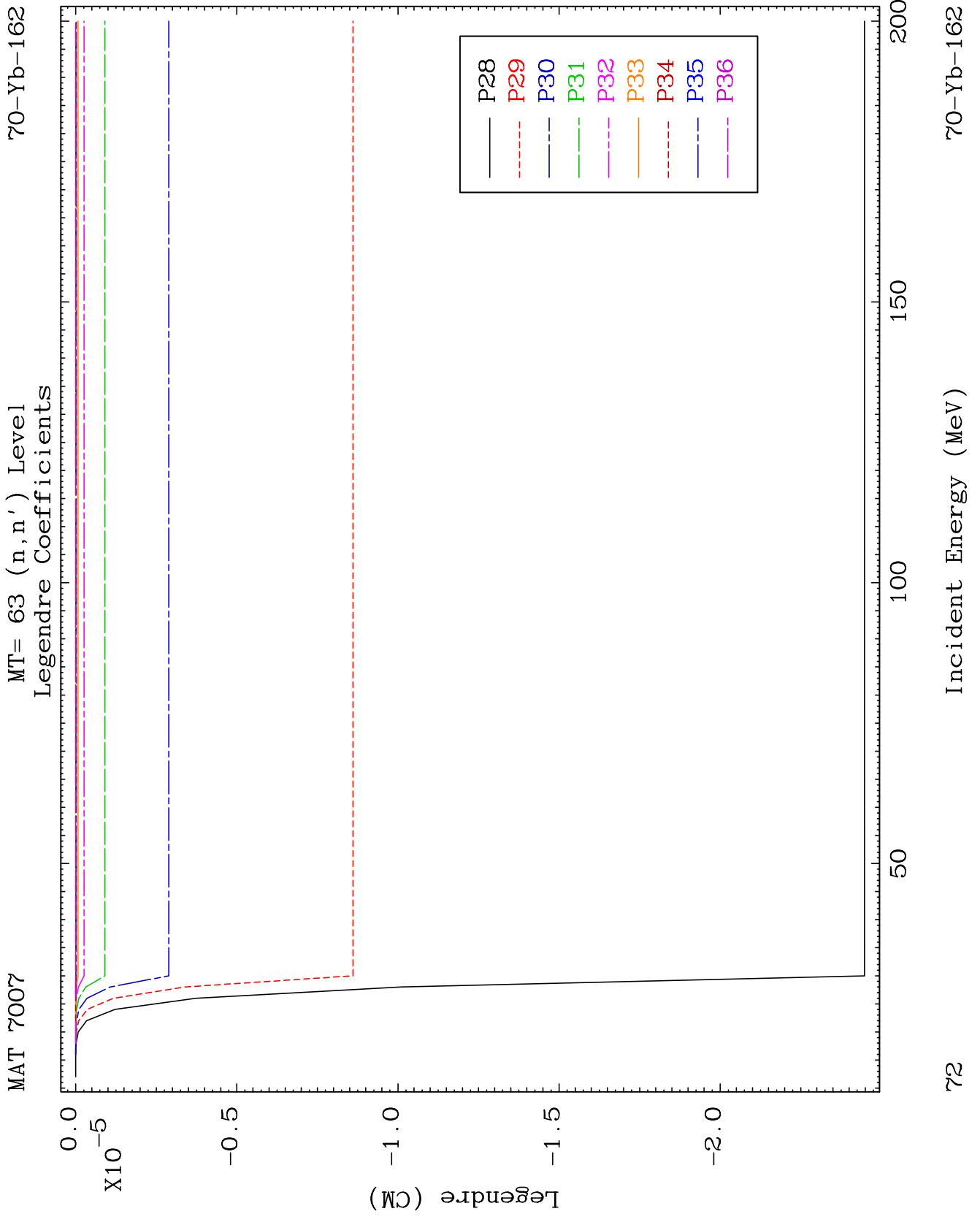
70-Yb-162



71

Incident Energy (MeV)

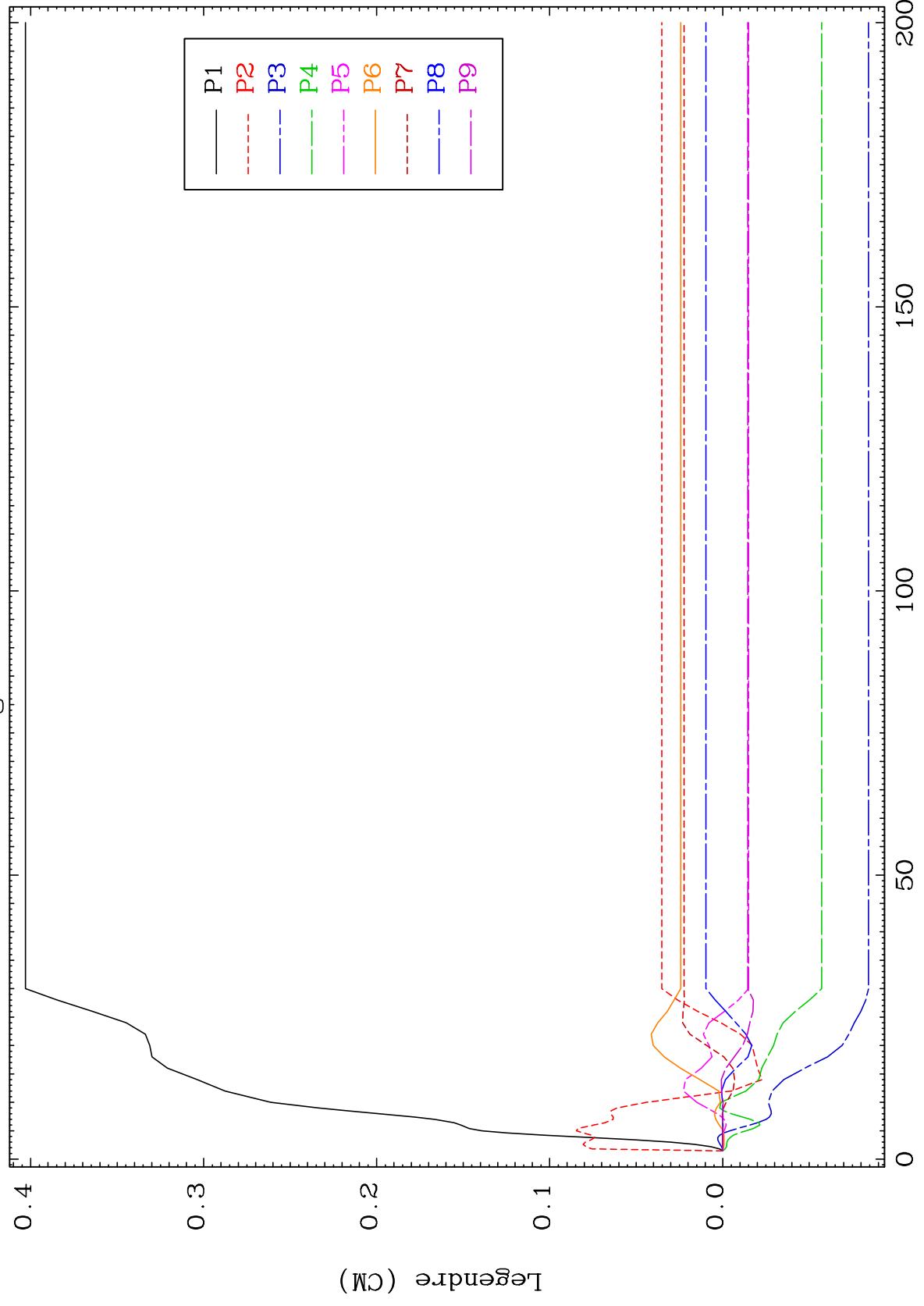
70-Yb-162



MAT 7007

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

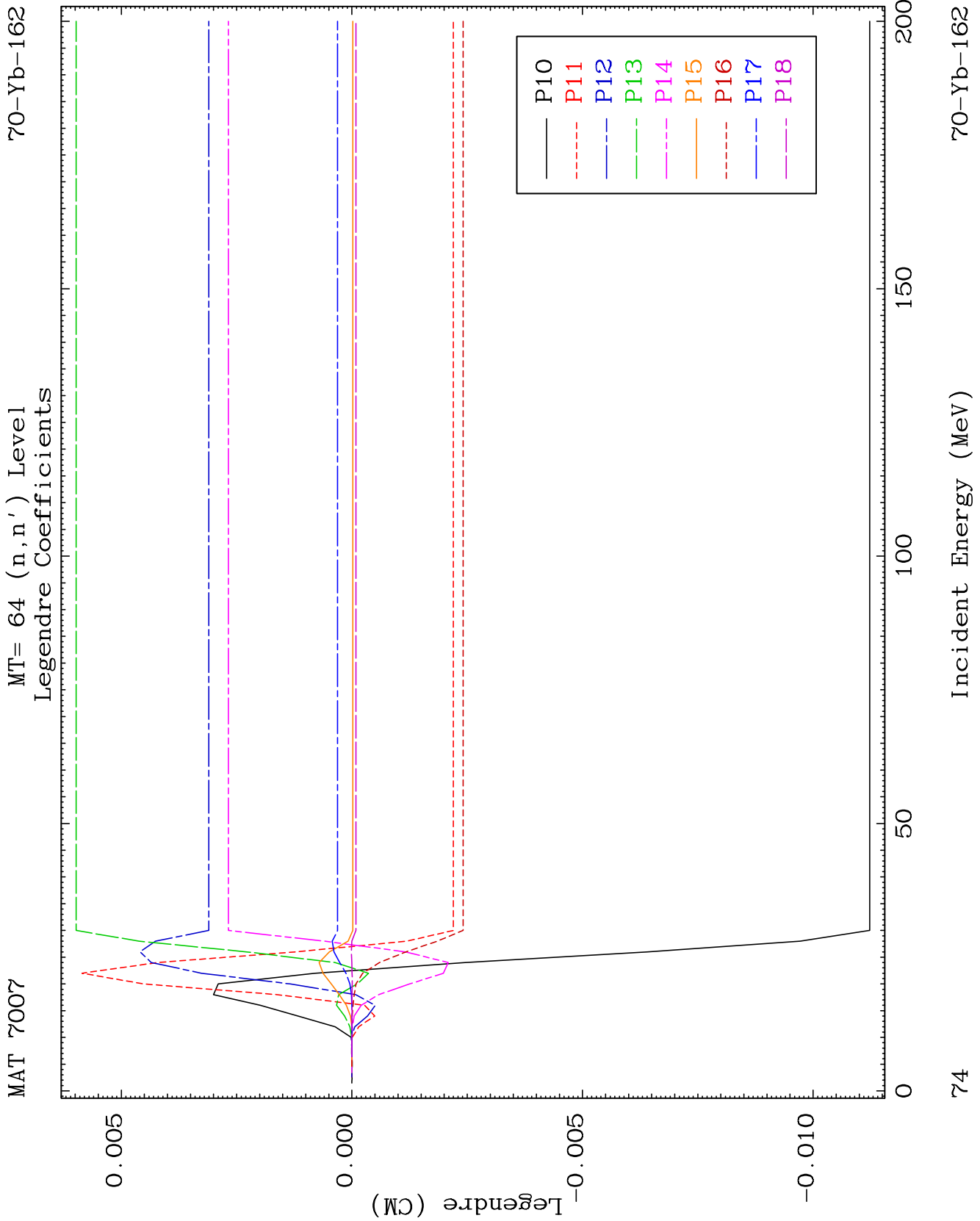
70-Yb-162



73

Incident Energy (MeV)

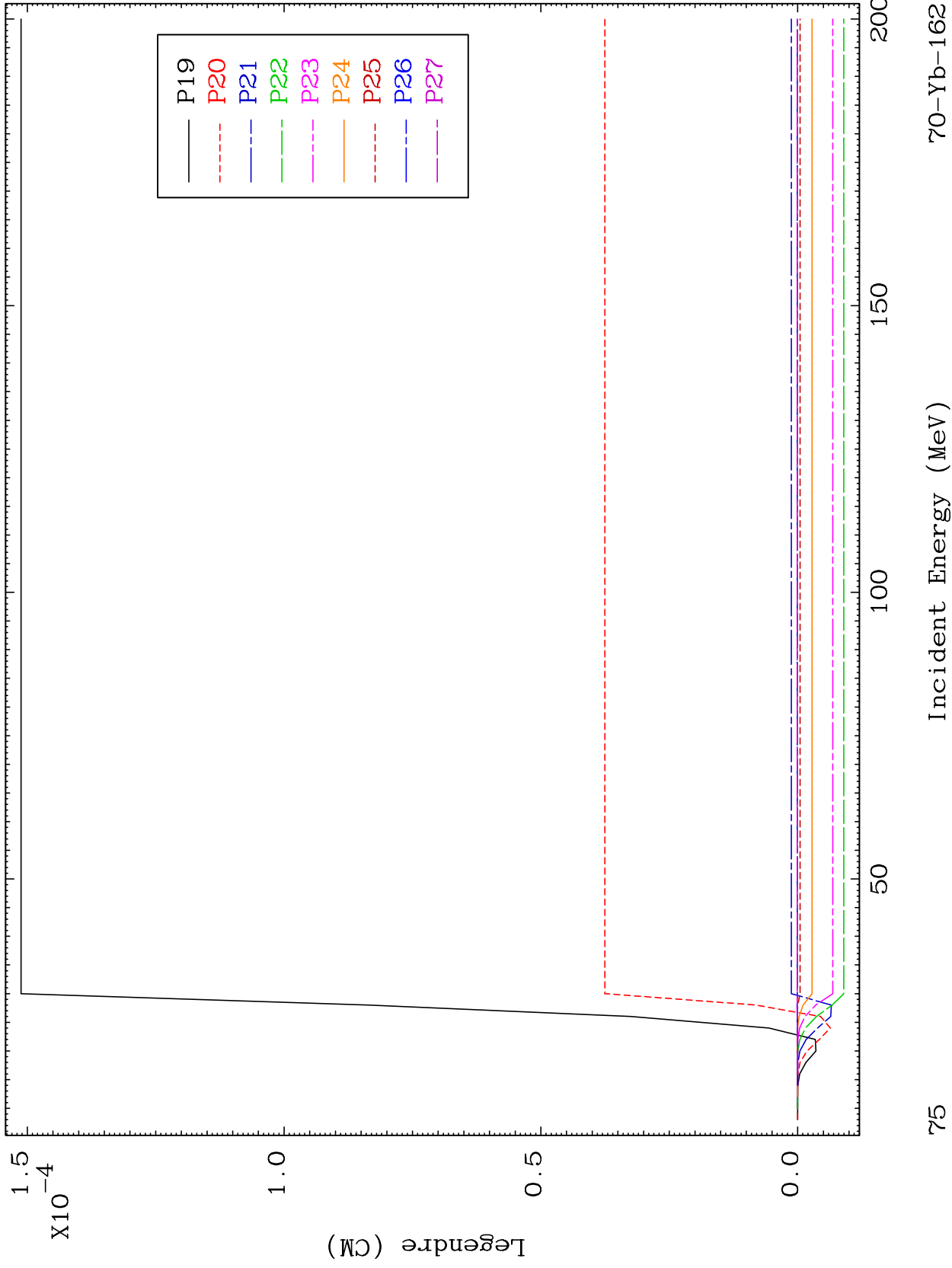
70-Yb-162



MAT 7007

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

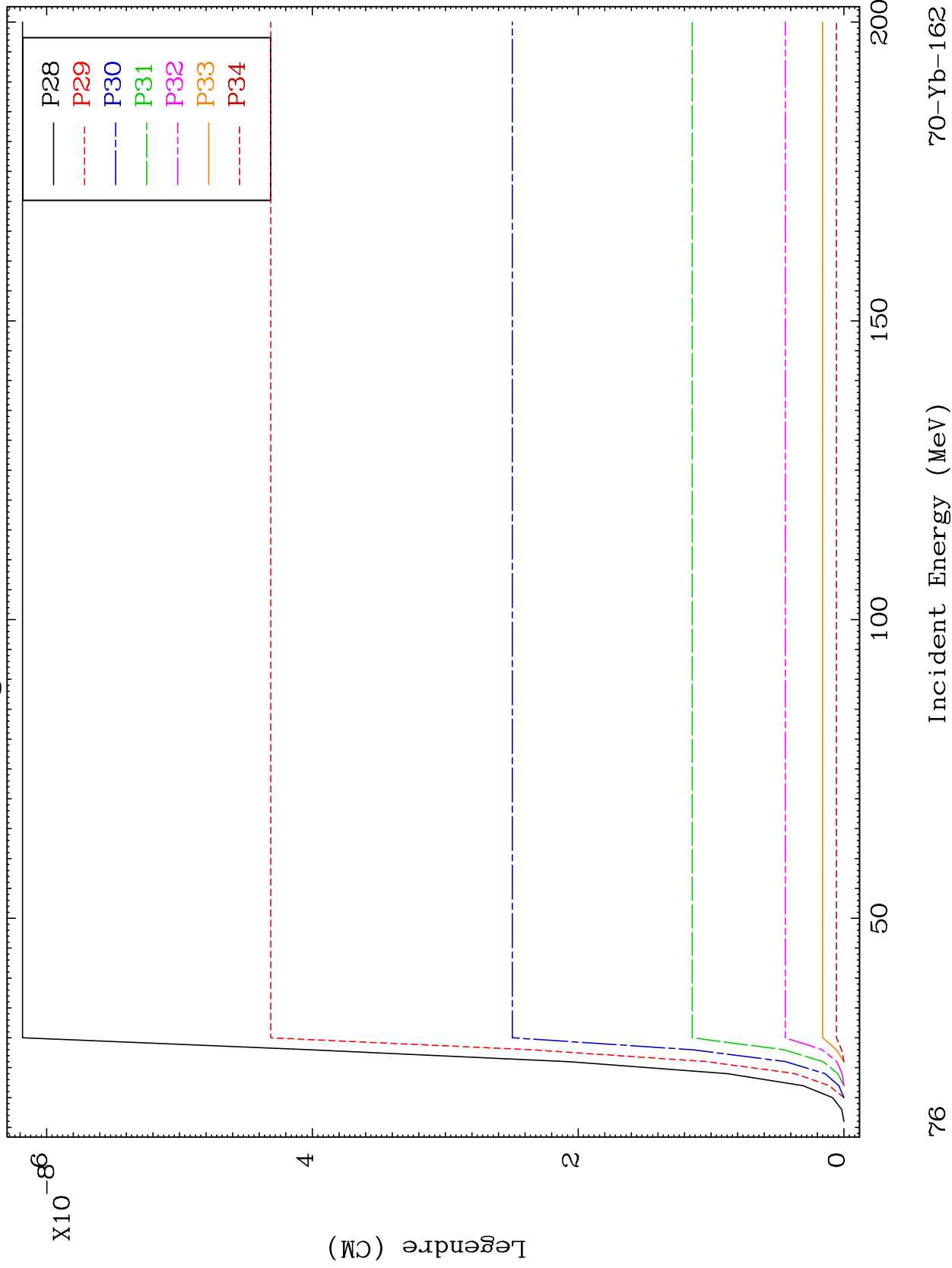
70-Yb-162



MAT 7007

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

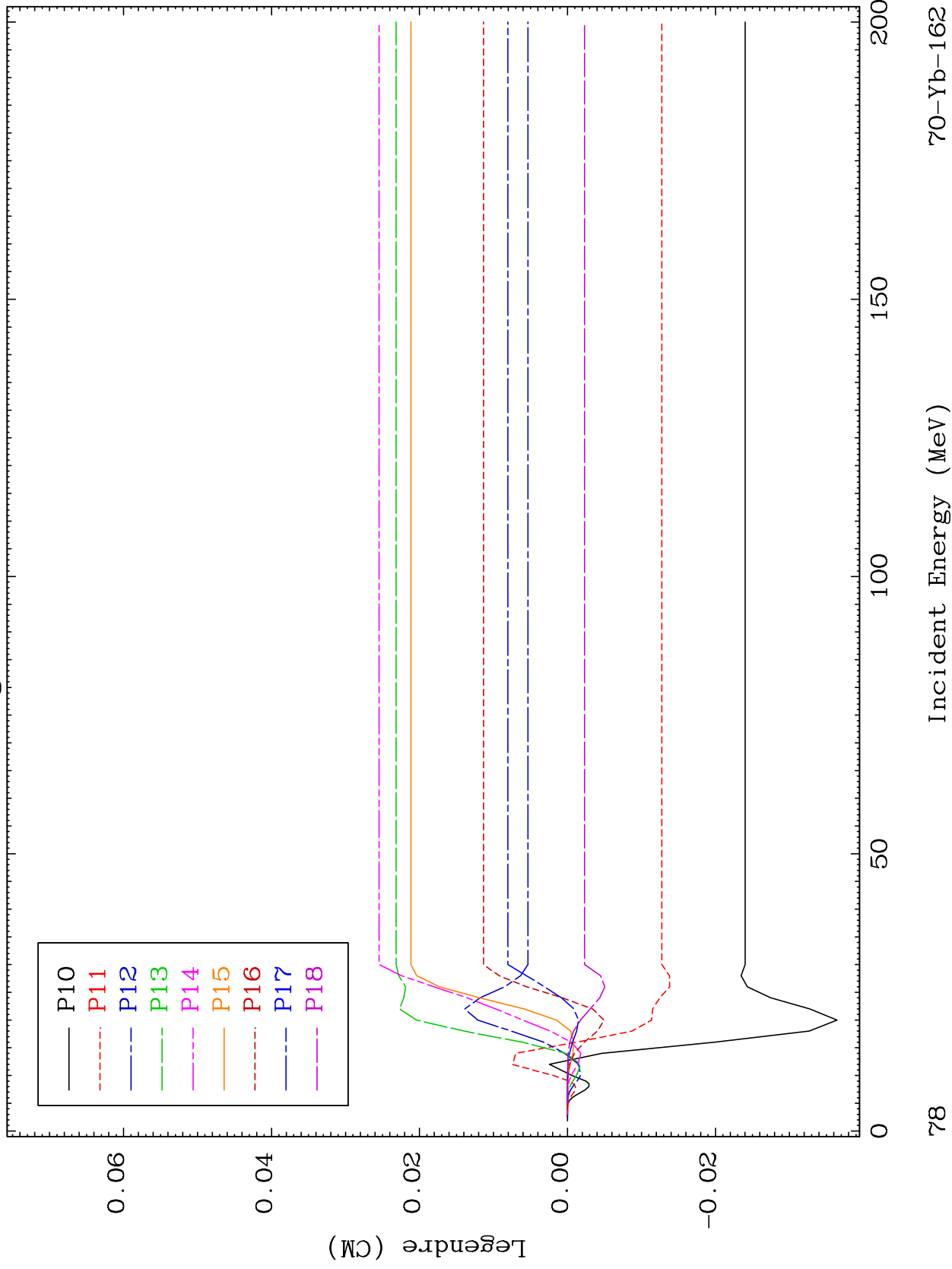
70-Yb-162



MAT 7007

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

70-Yb-162



78

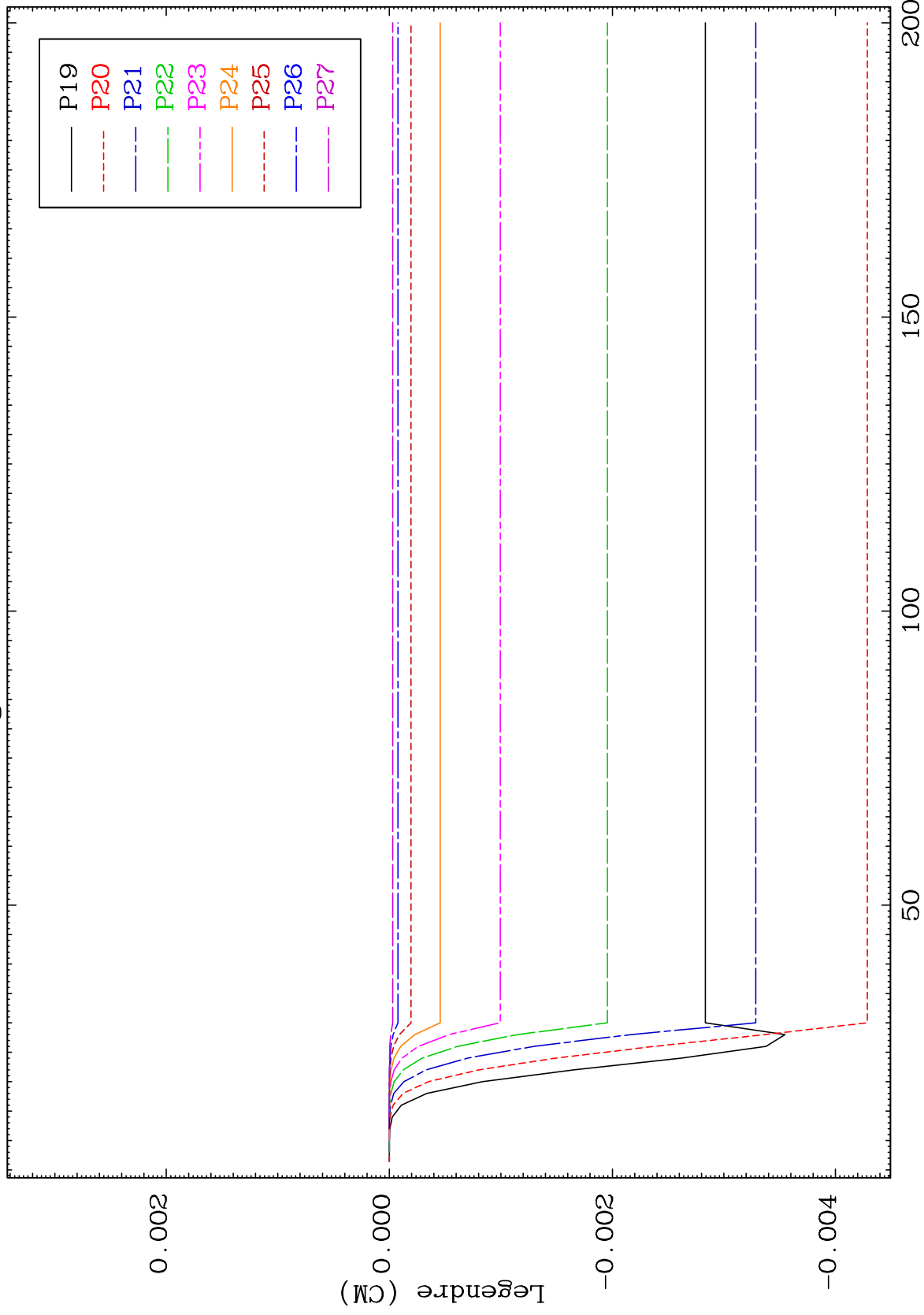
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

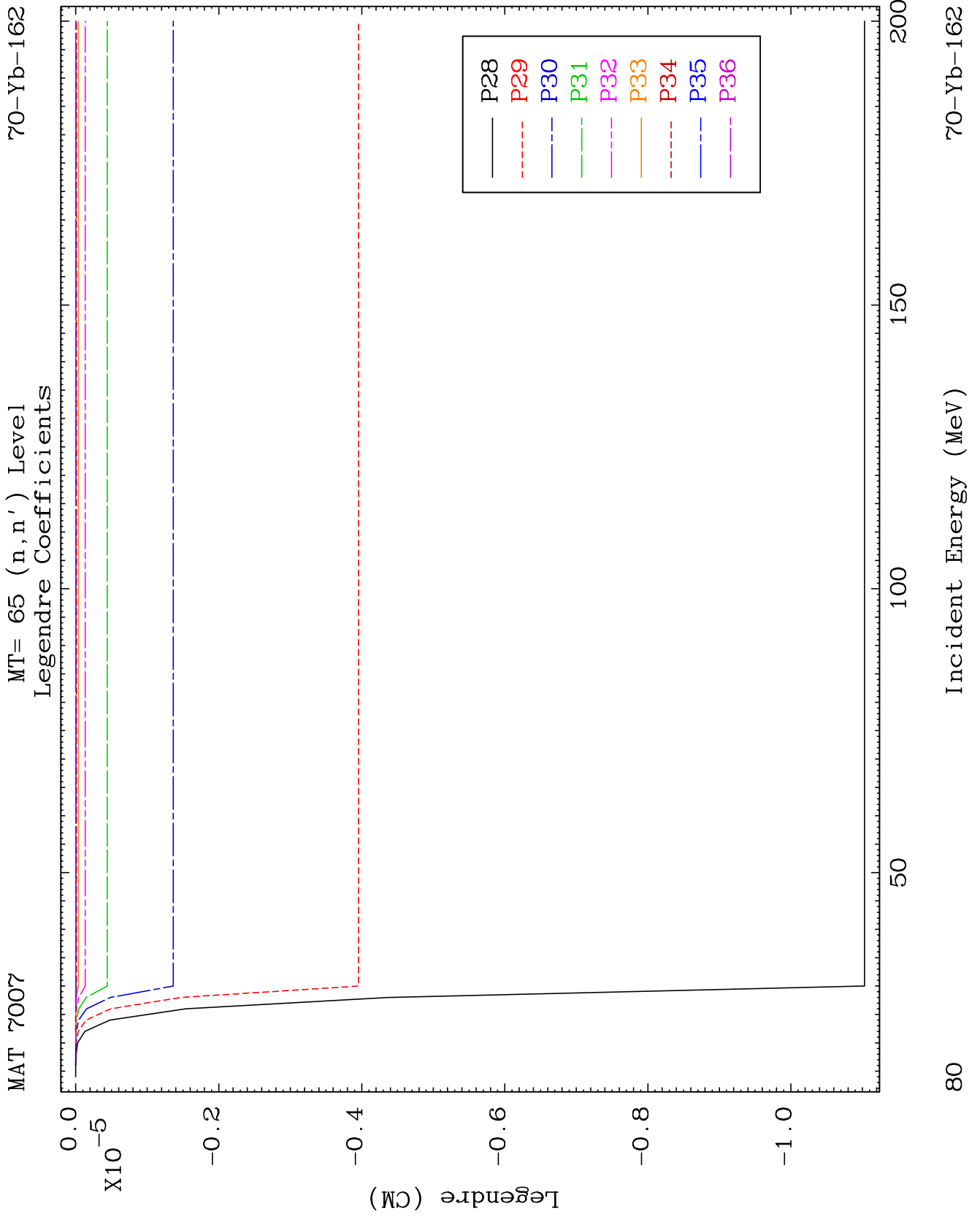
70-Yb-162

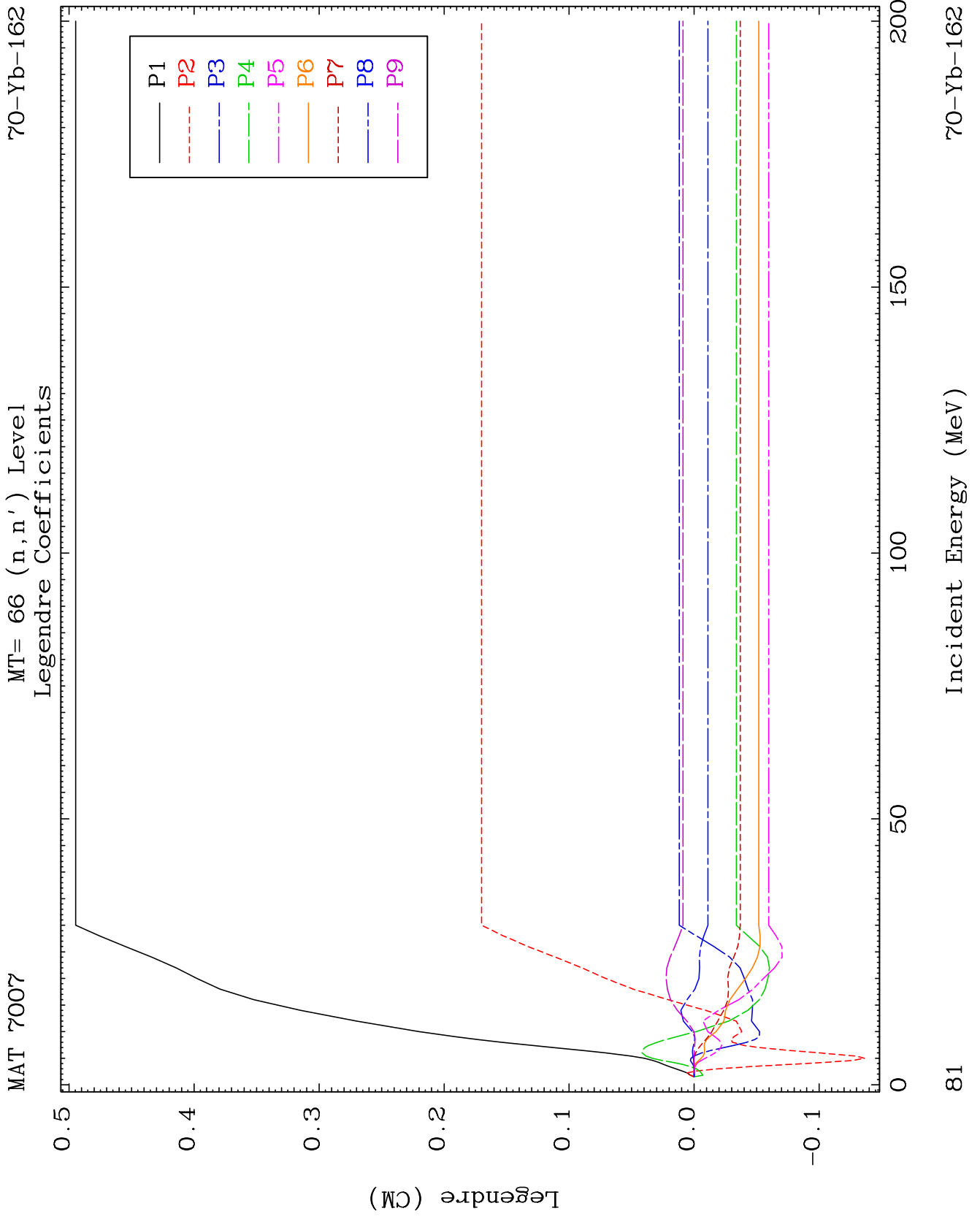


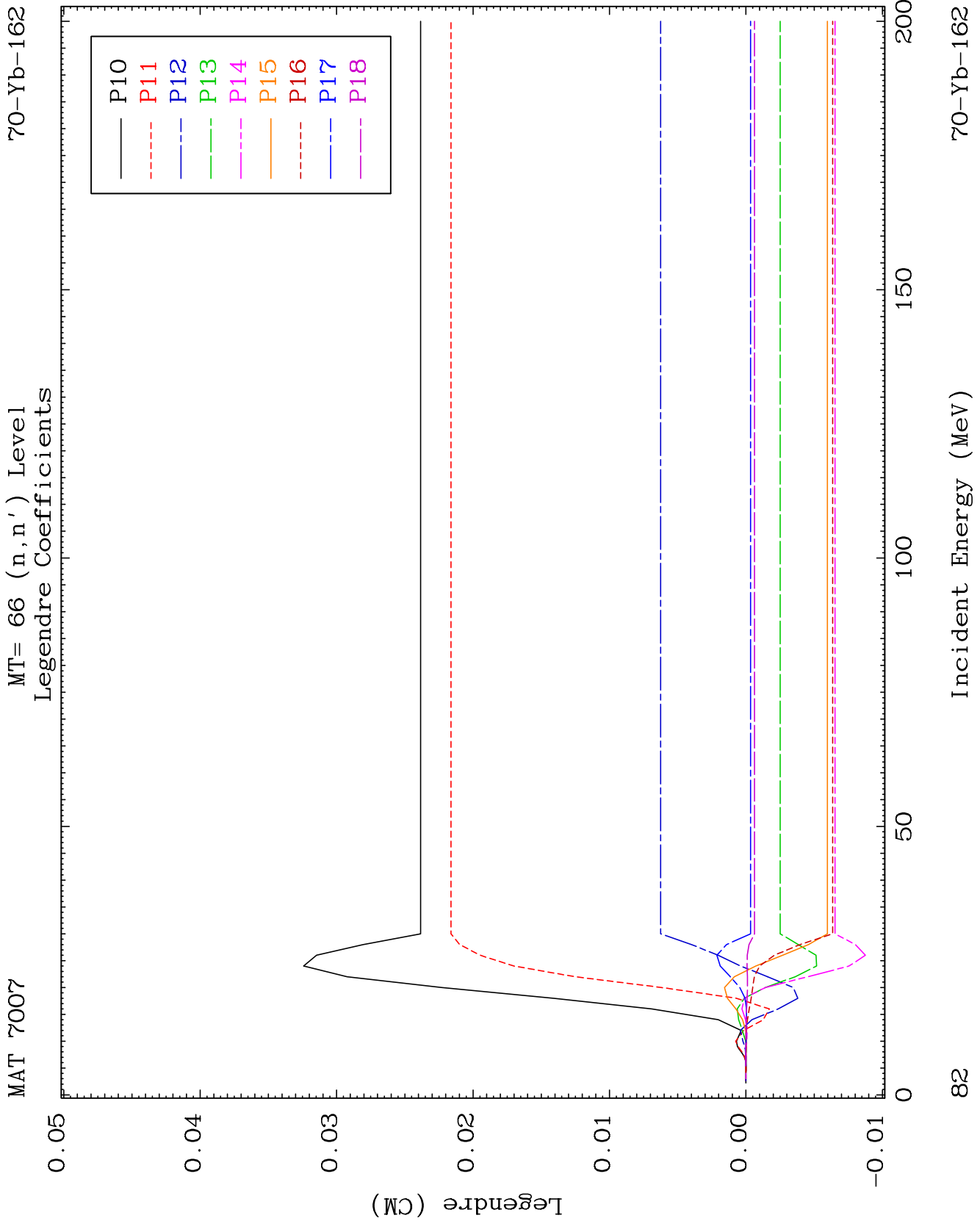
79

Incident Energy (MeV)

70-Yb-162



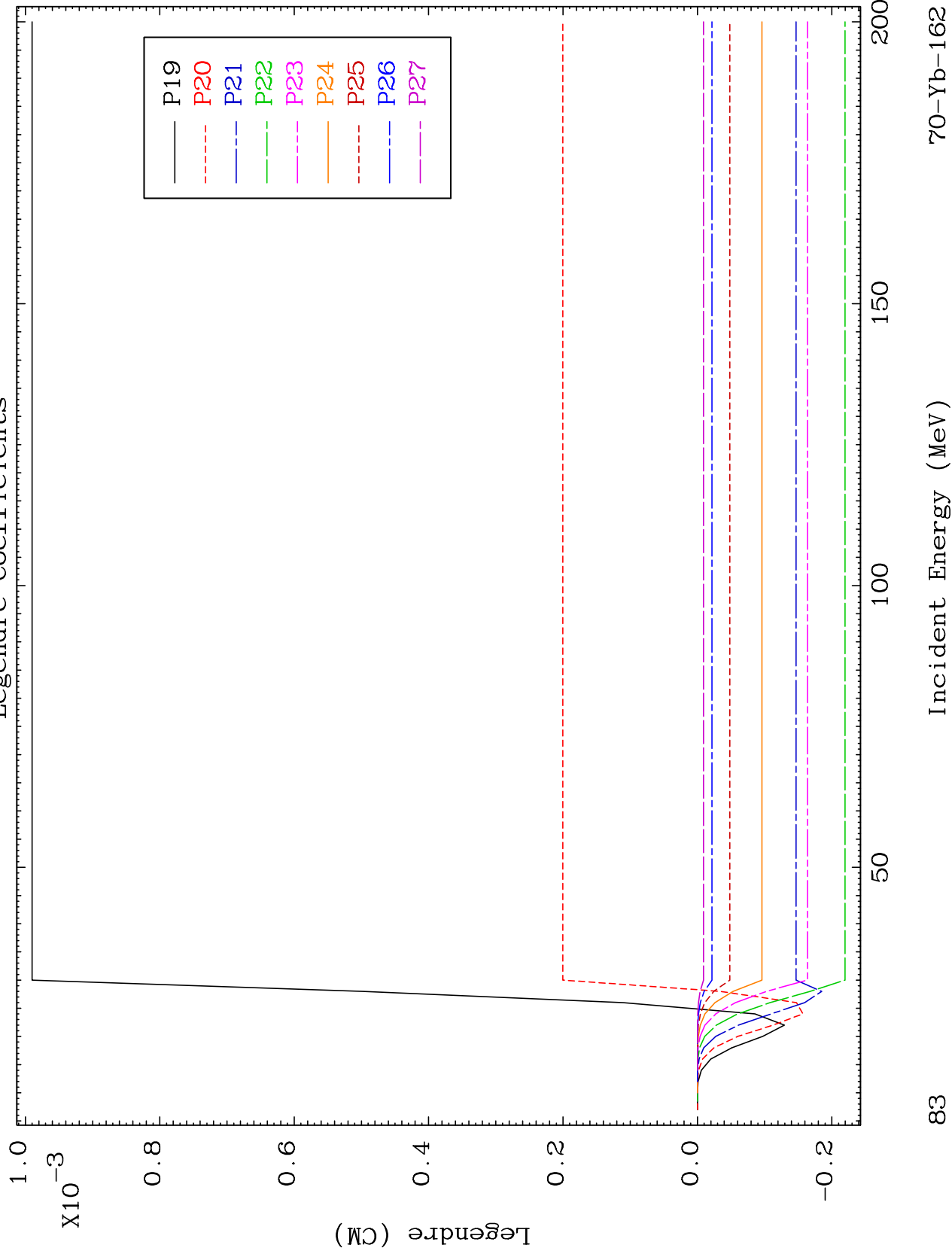


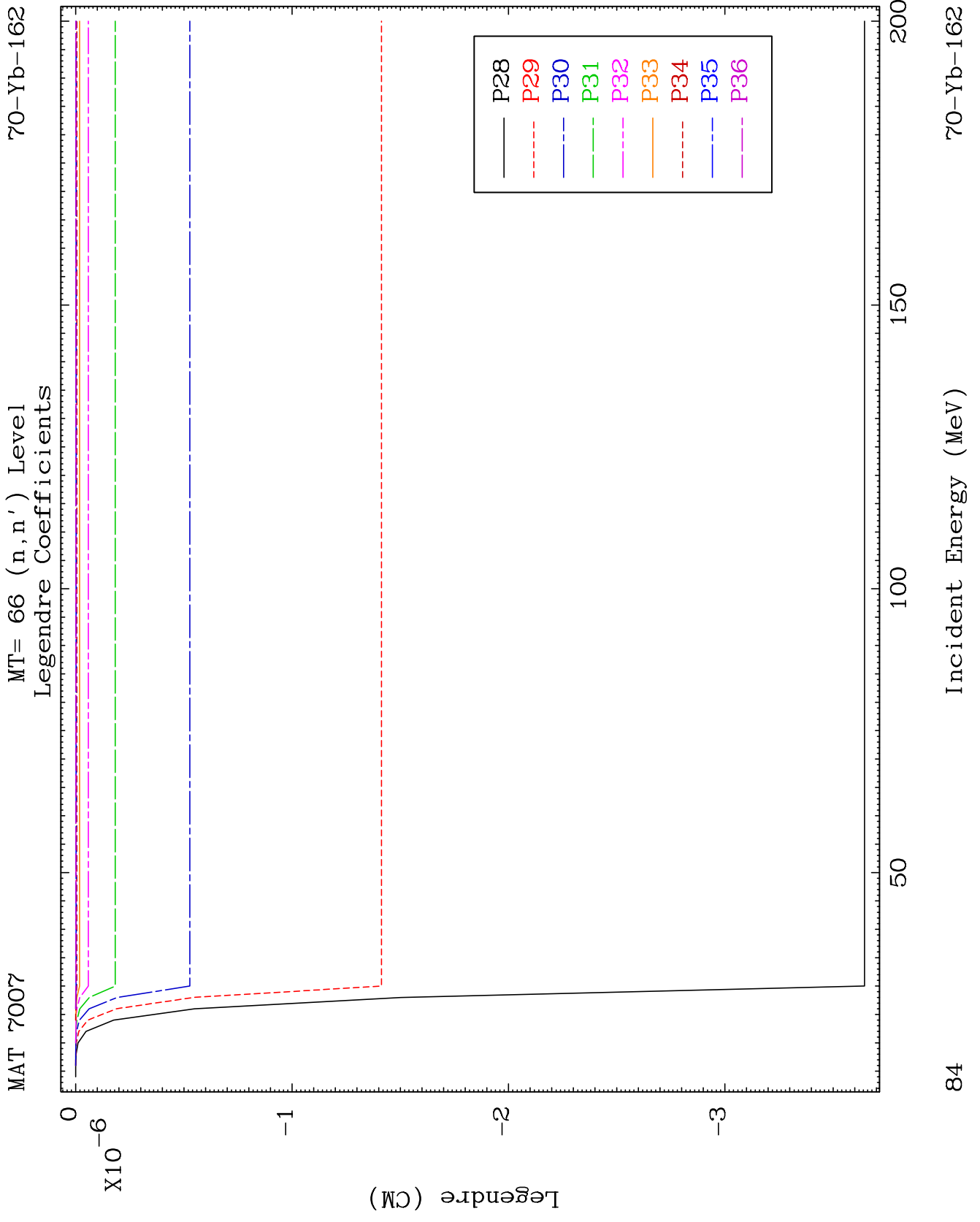


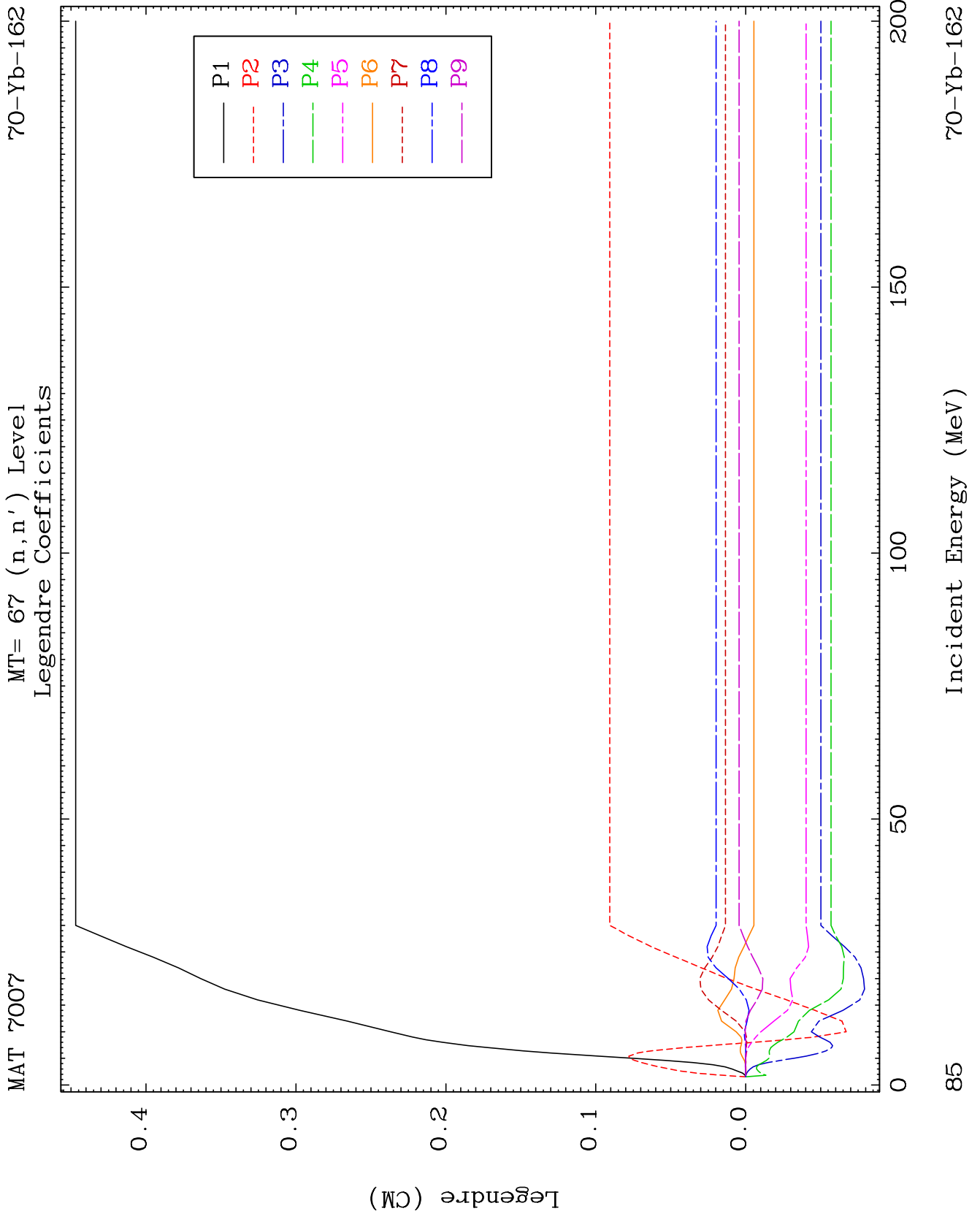
MAT 7007

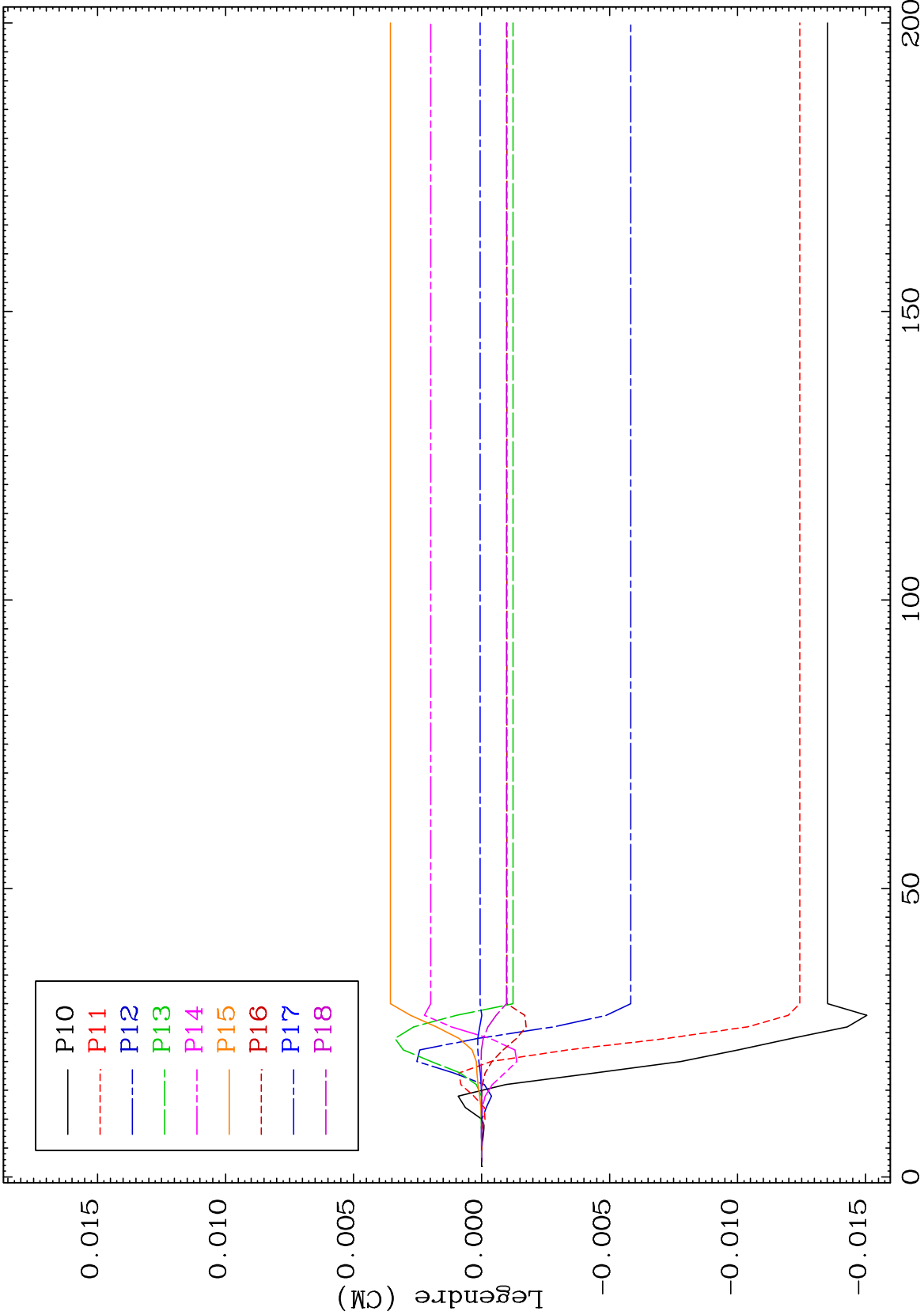
MT= 66 (n,n') Level
Legendre Coefficients

70-Yb-162





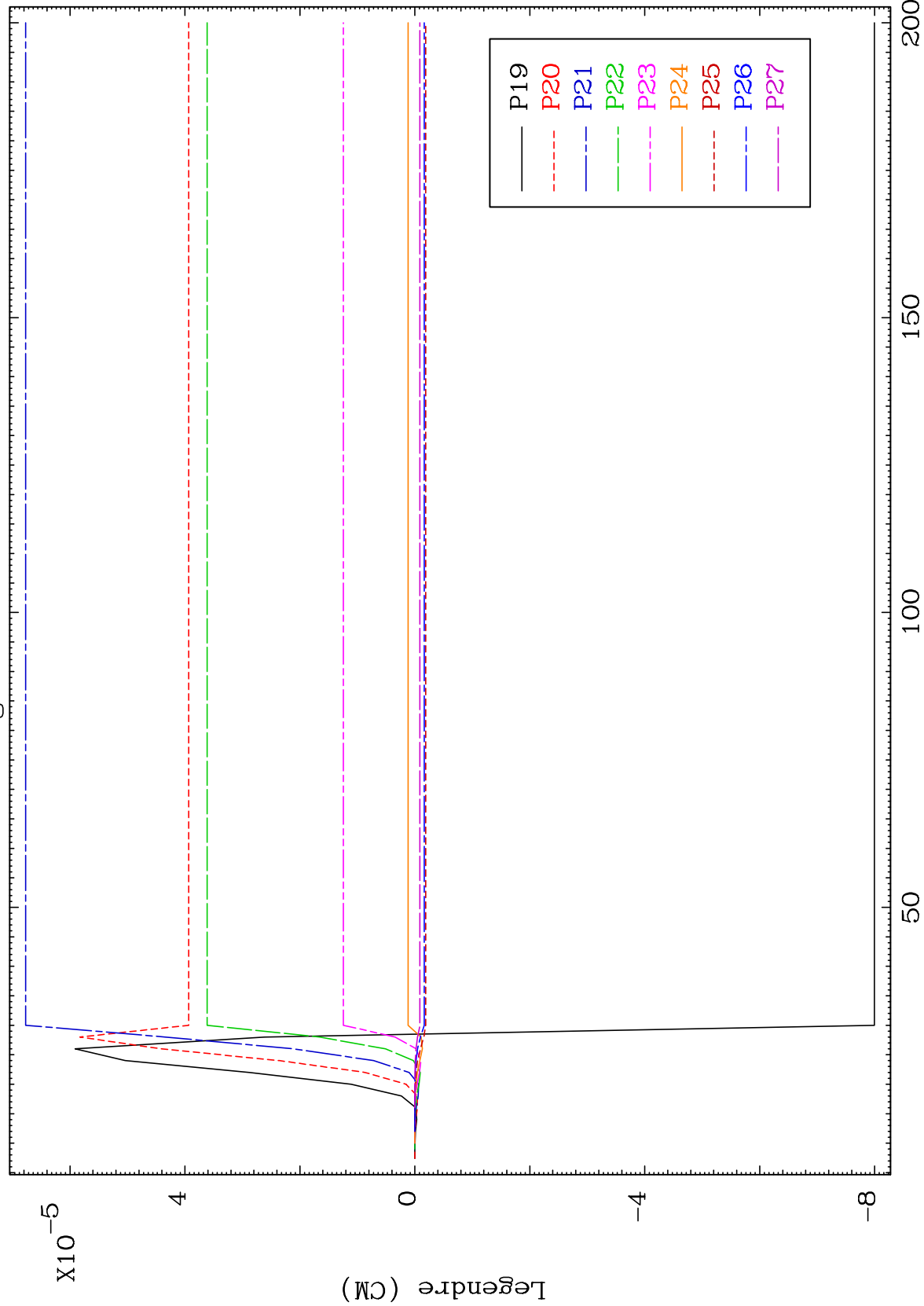


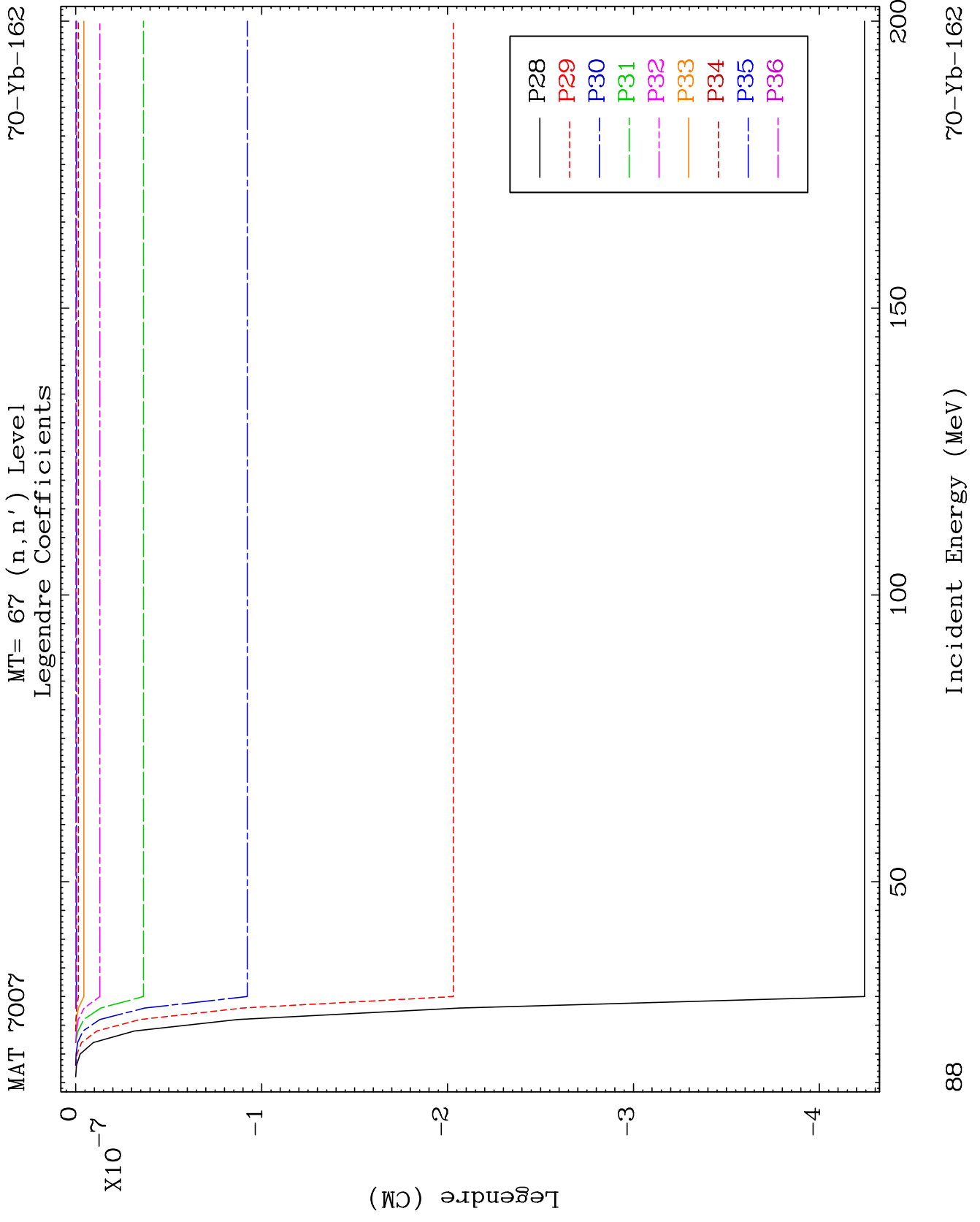


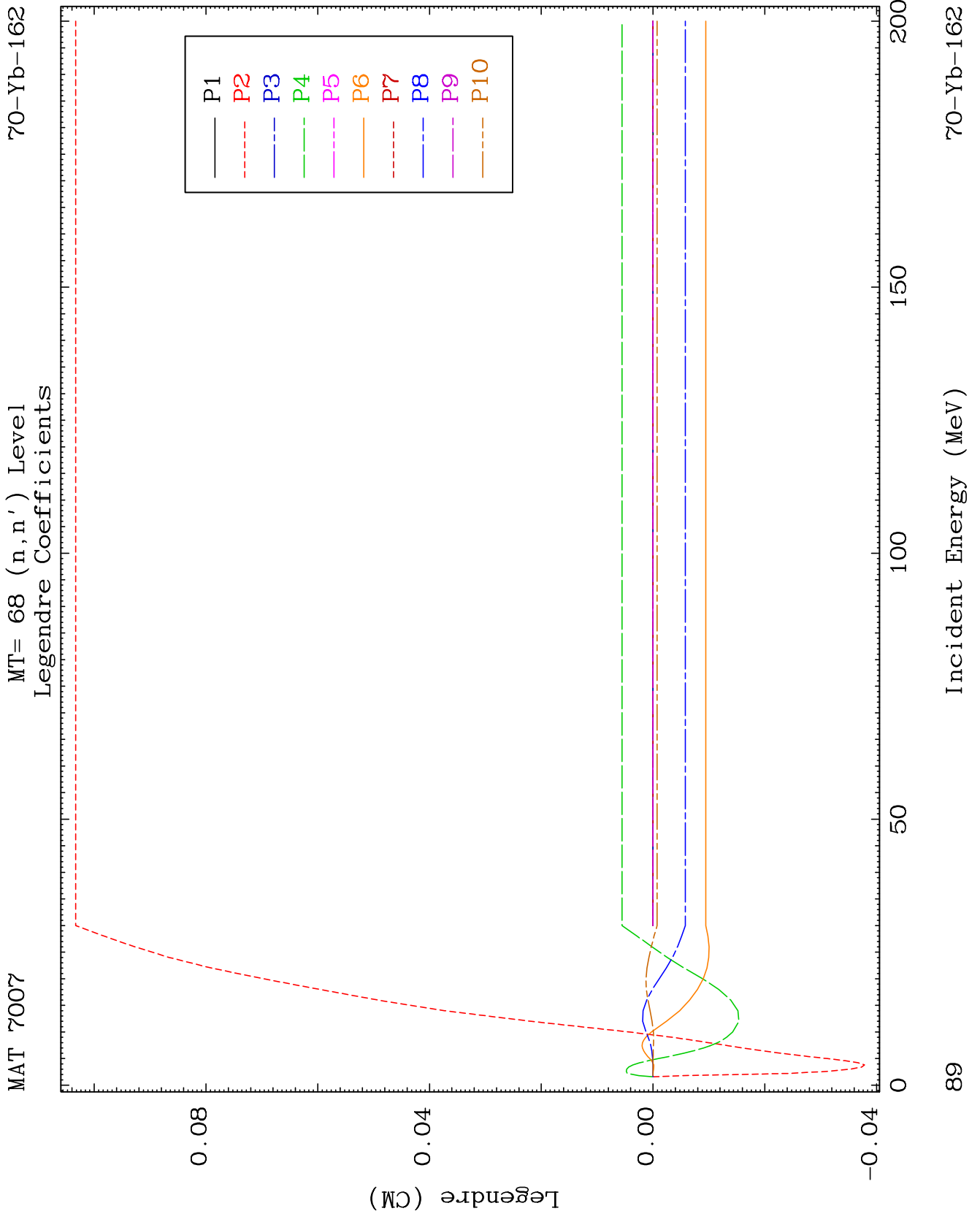
MAT 7007

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

70-Yb-162



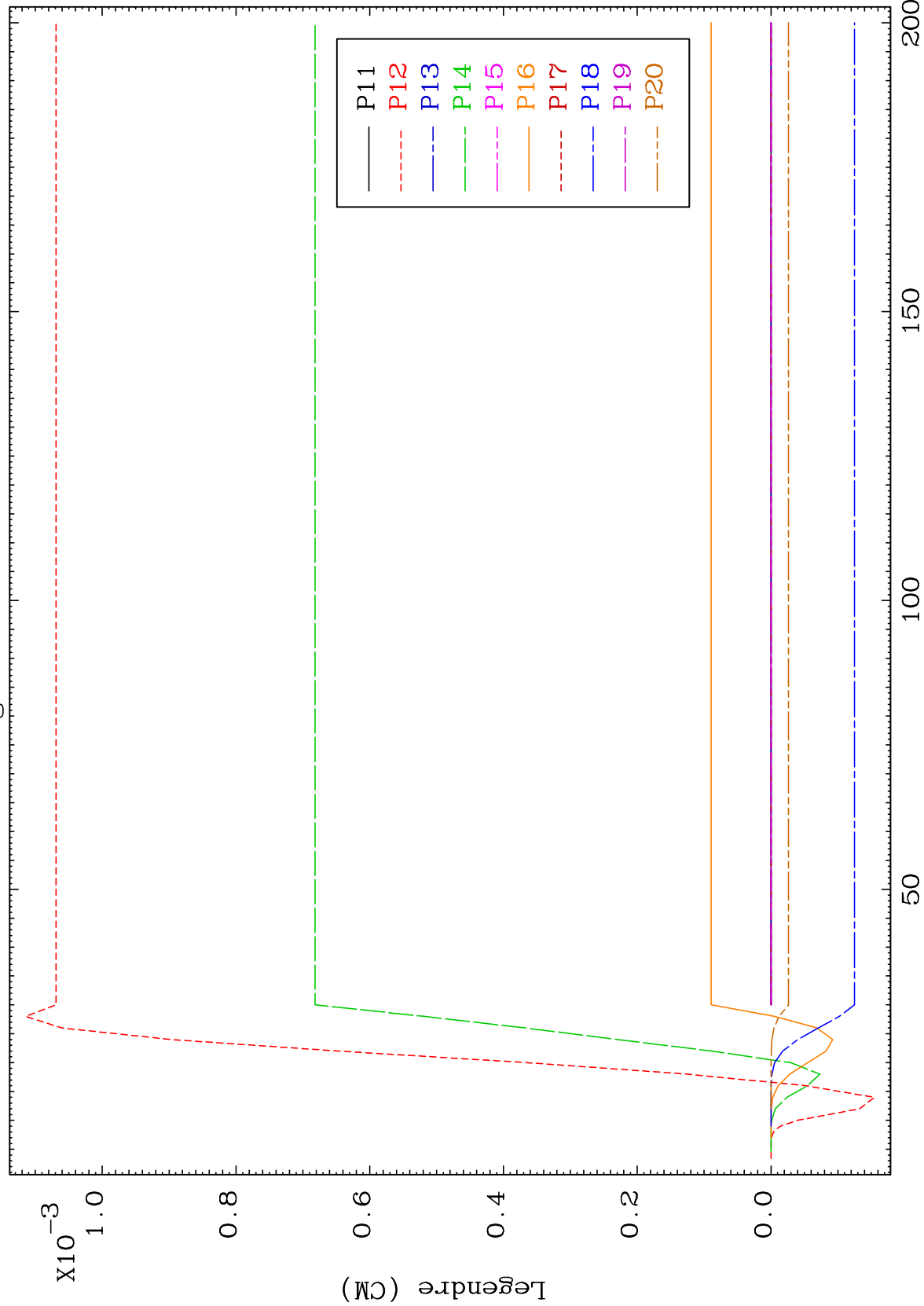




MAT 7007

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

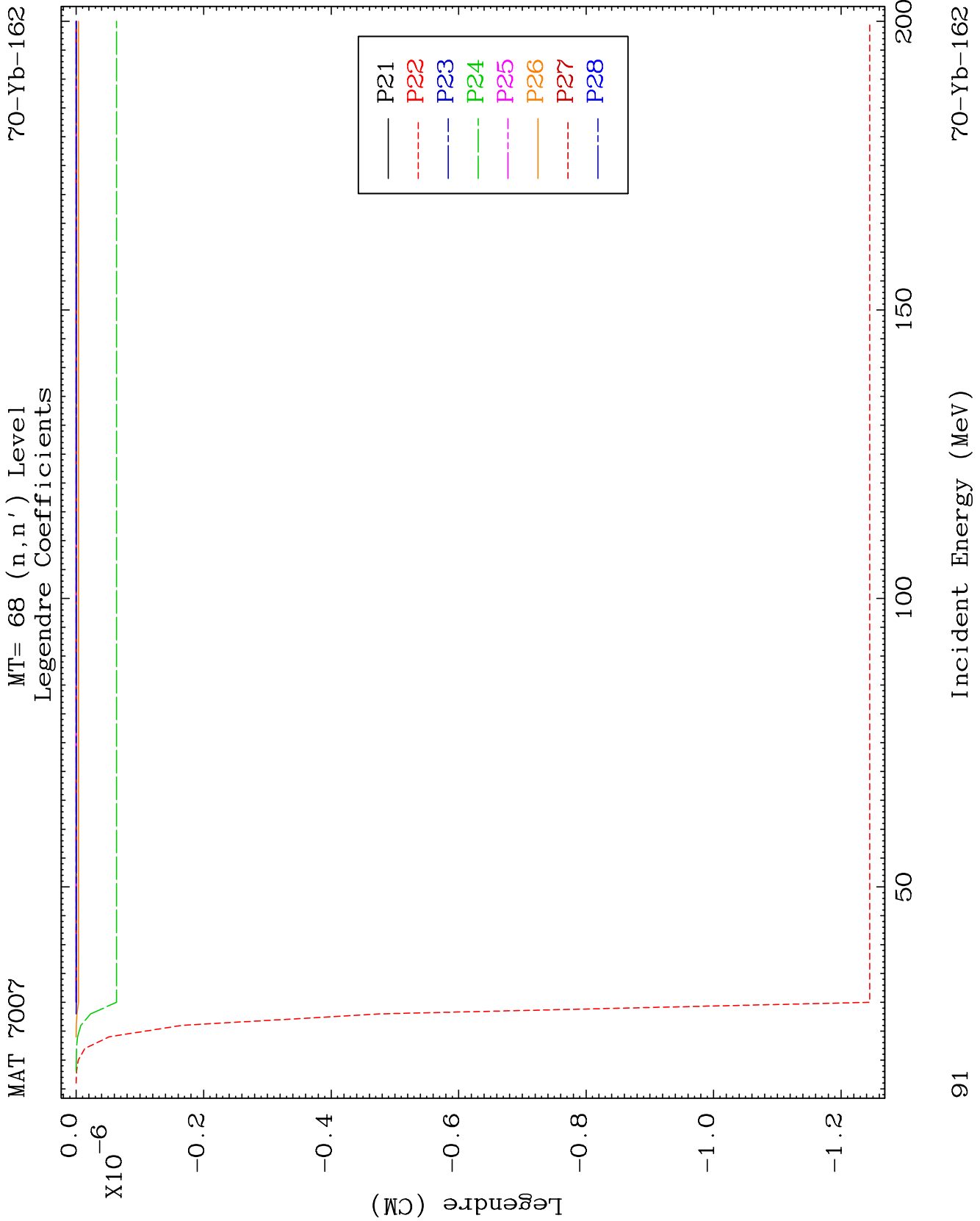
70-Yb-162

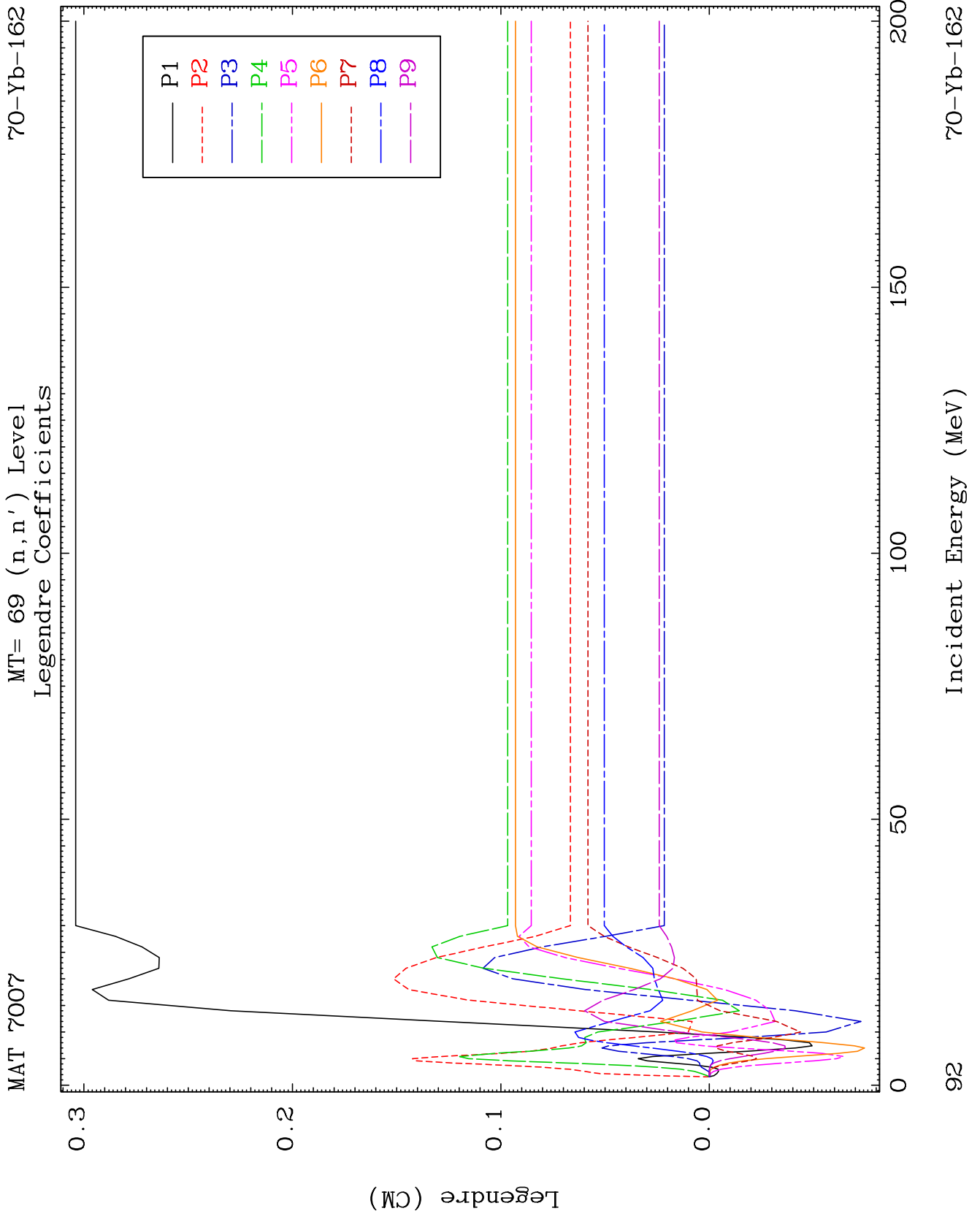


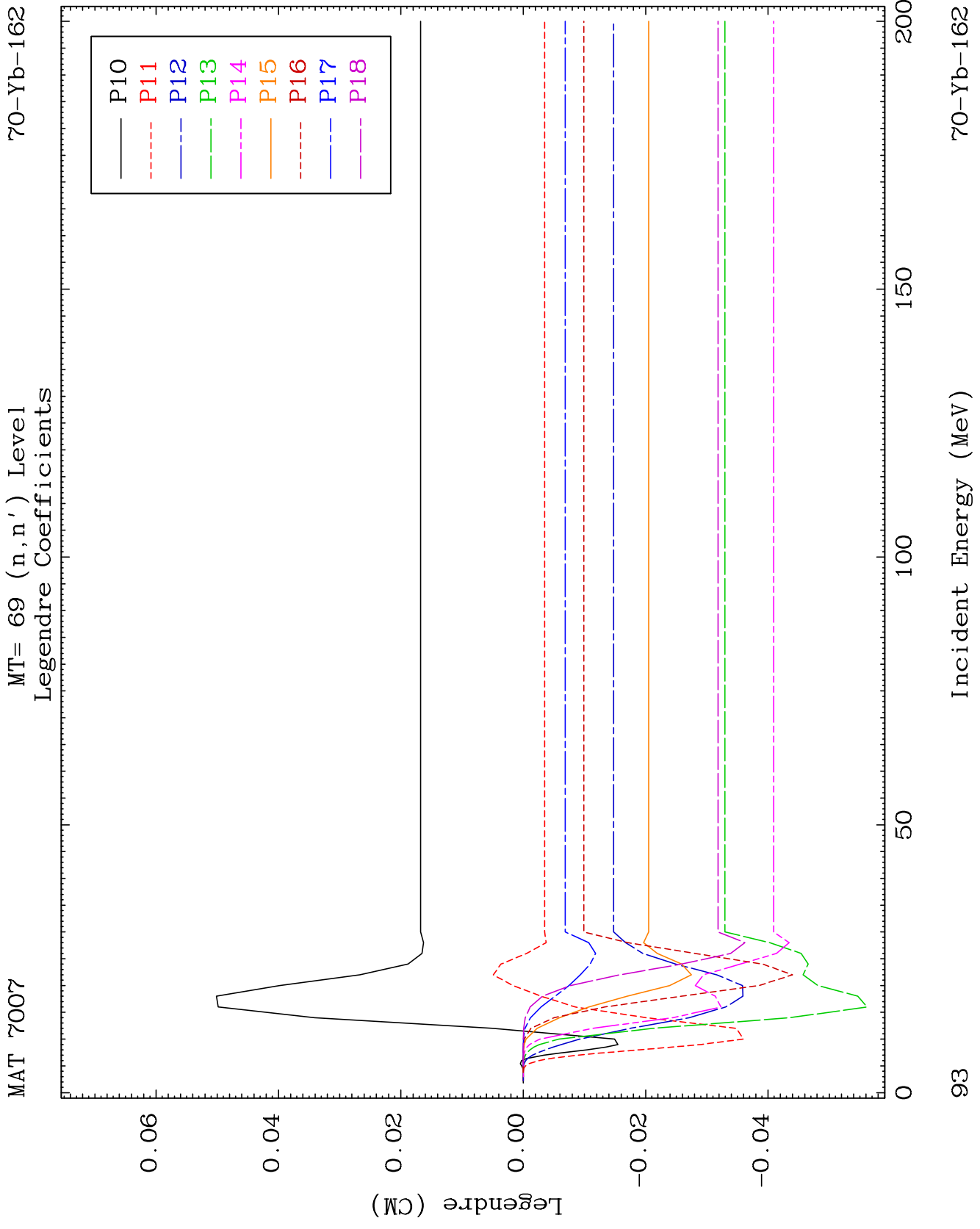
90

Incident Energy (MeV)

70-Yb-162



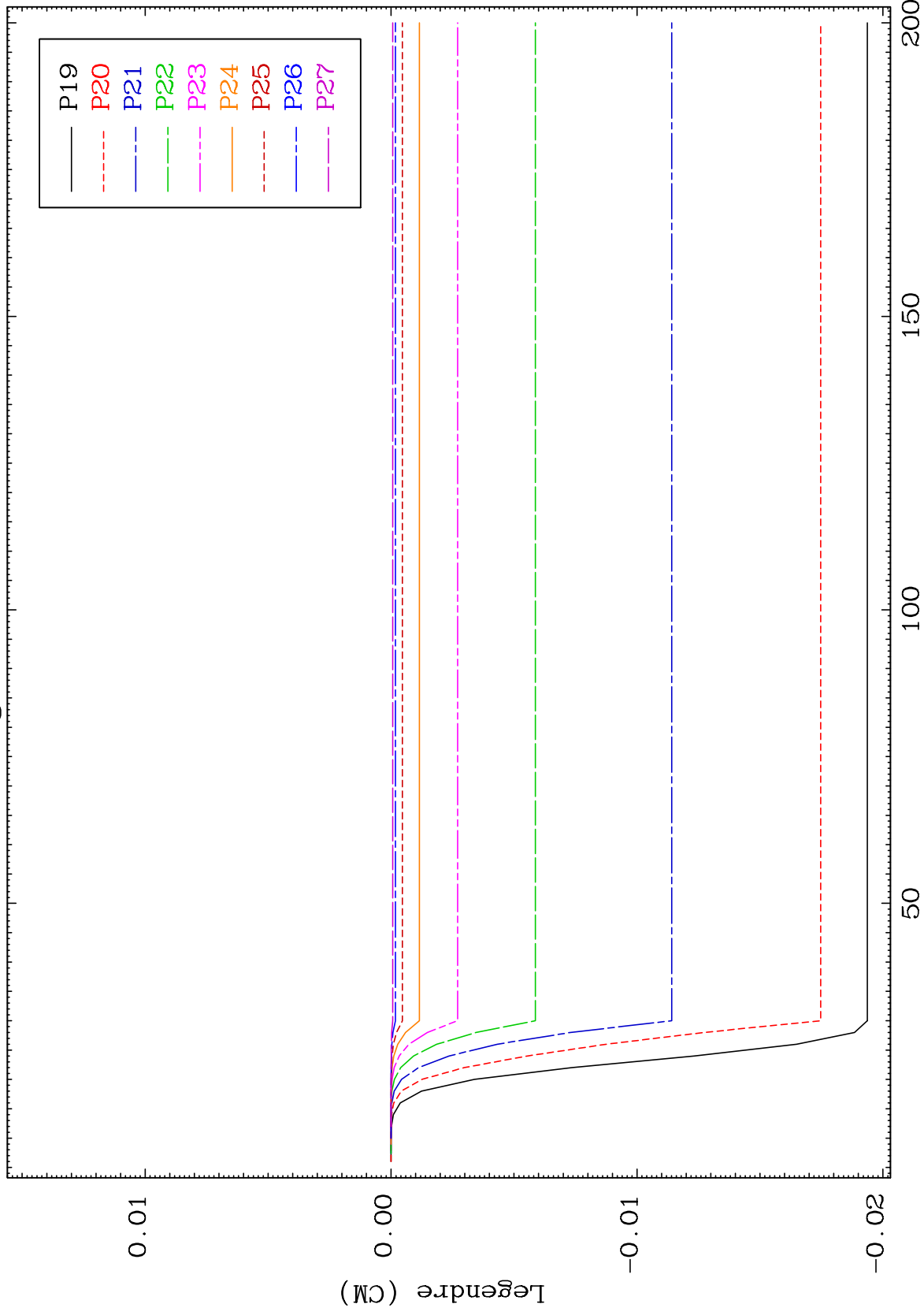




MAT 7007

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

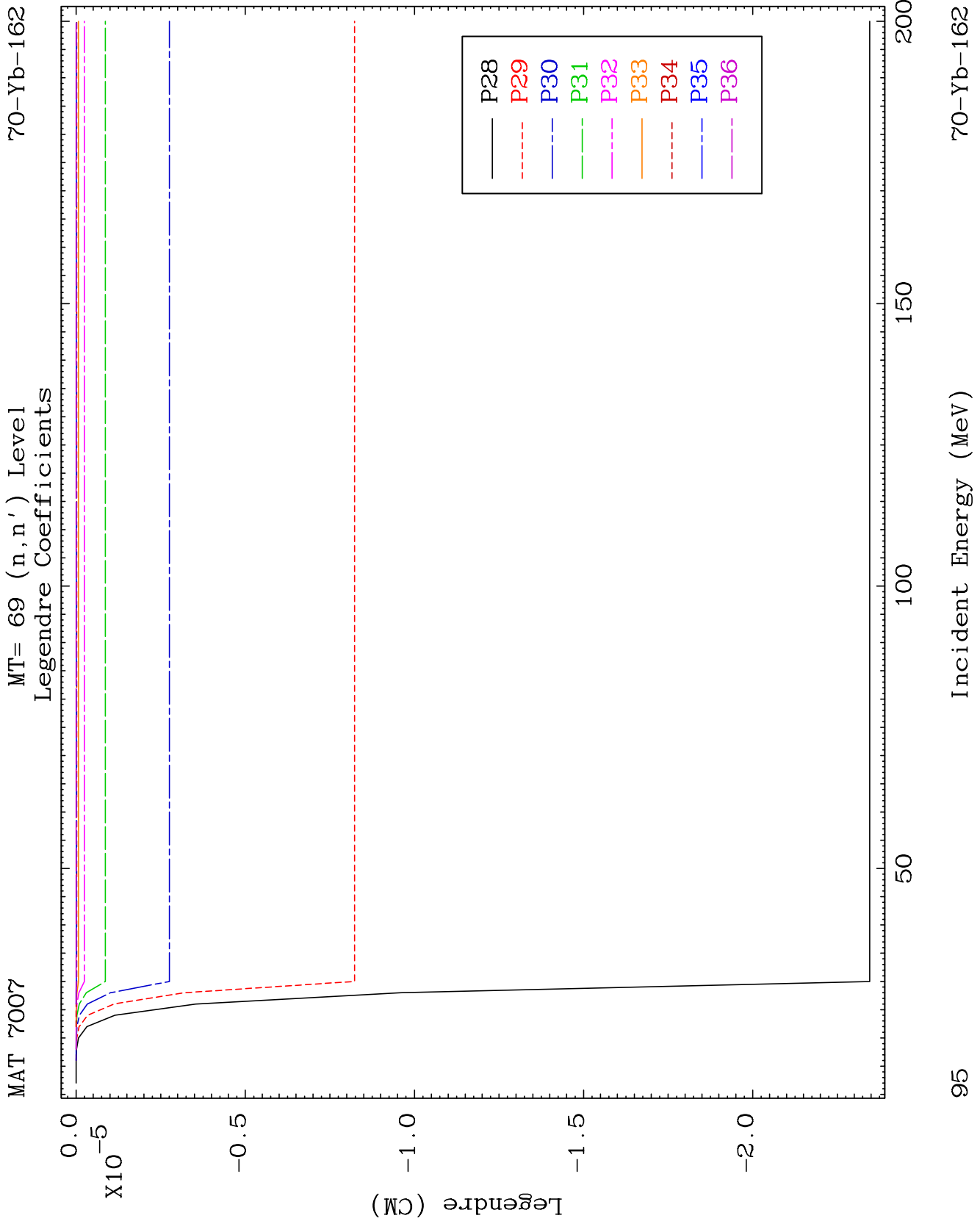
70-Yb-162

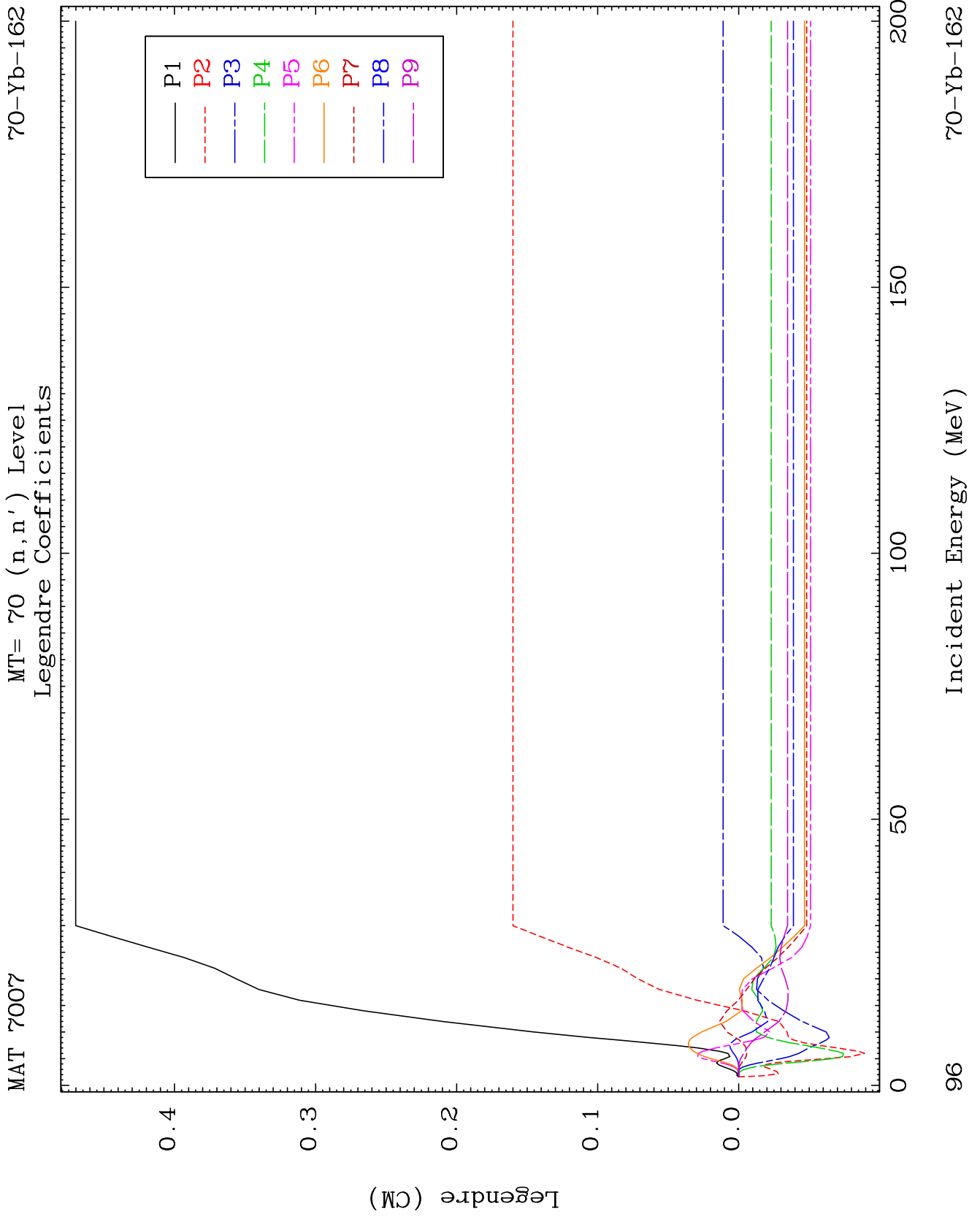


94

Incident Energy (MeV)

70-Yb-162

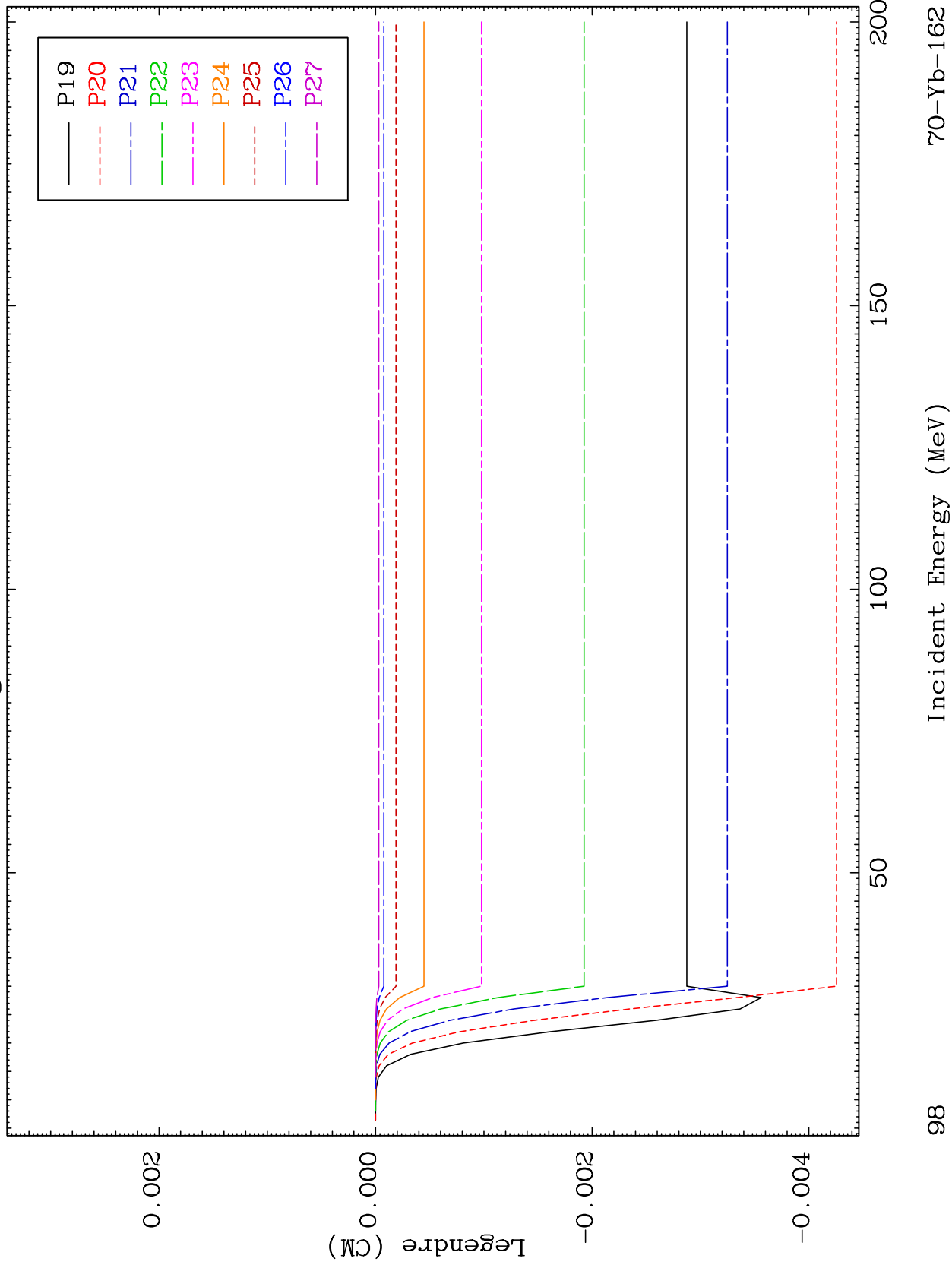




MAT 7007

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

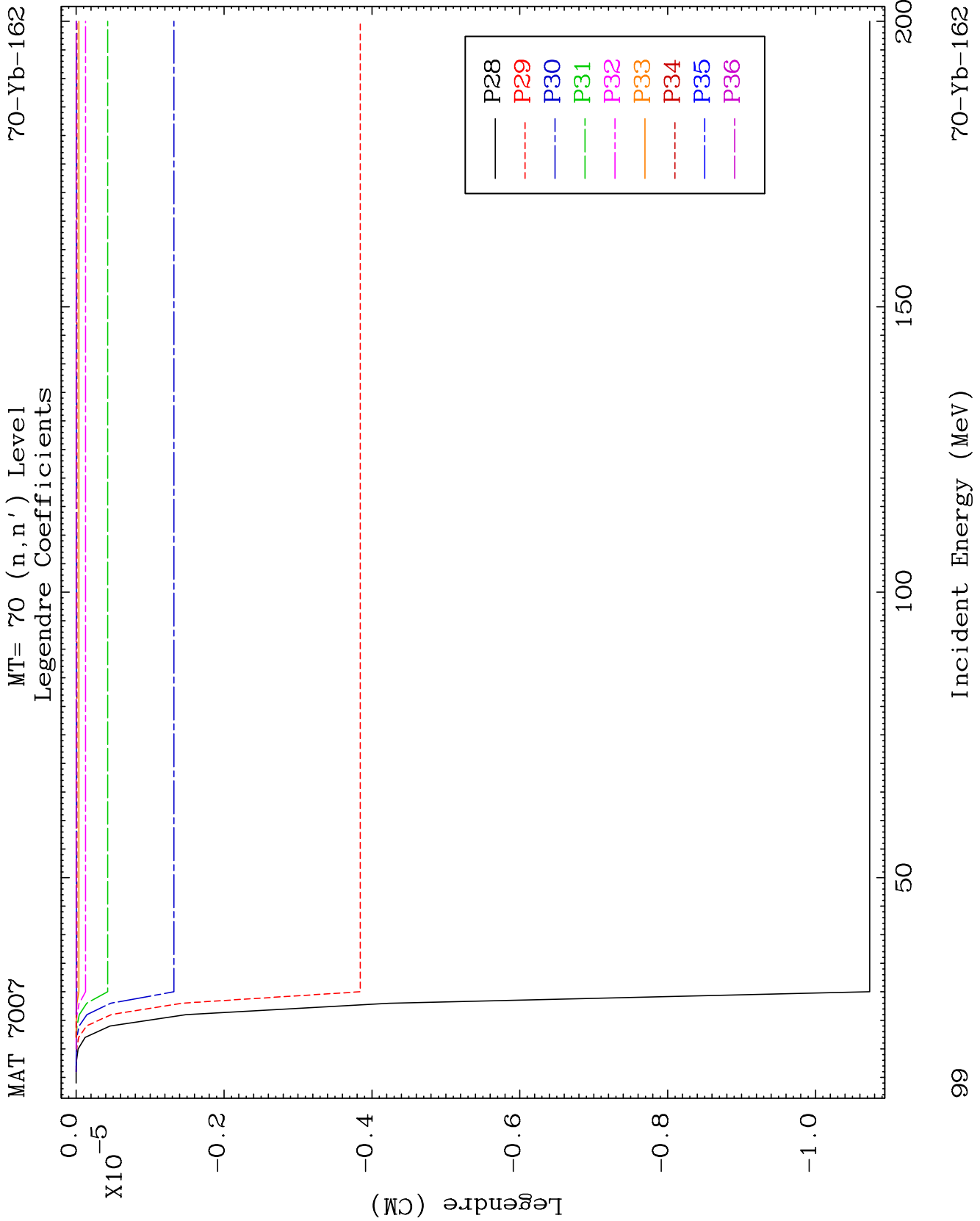
70-Yb-162



98

Incident Energy (MeV)

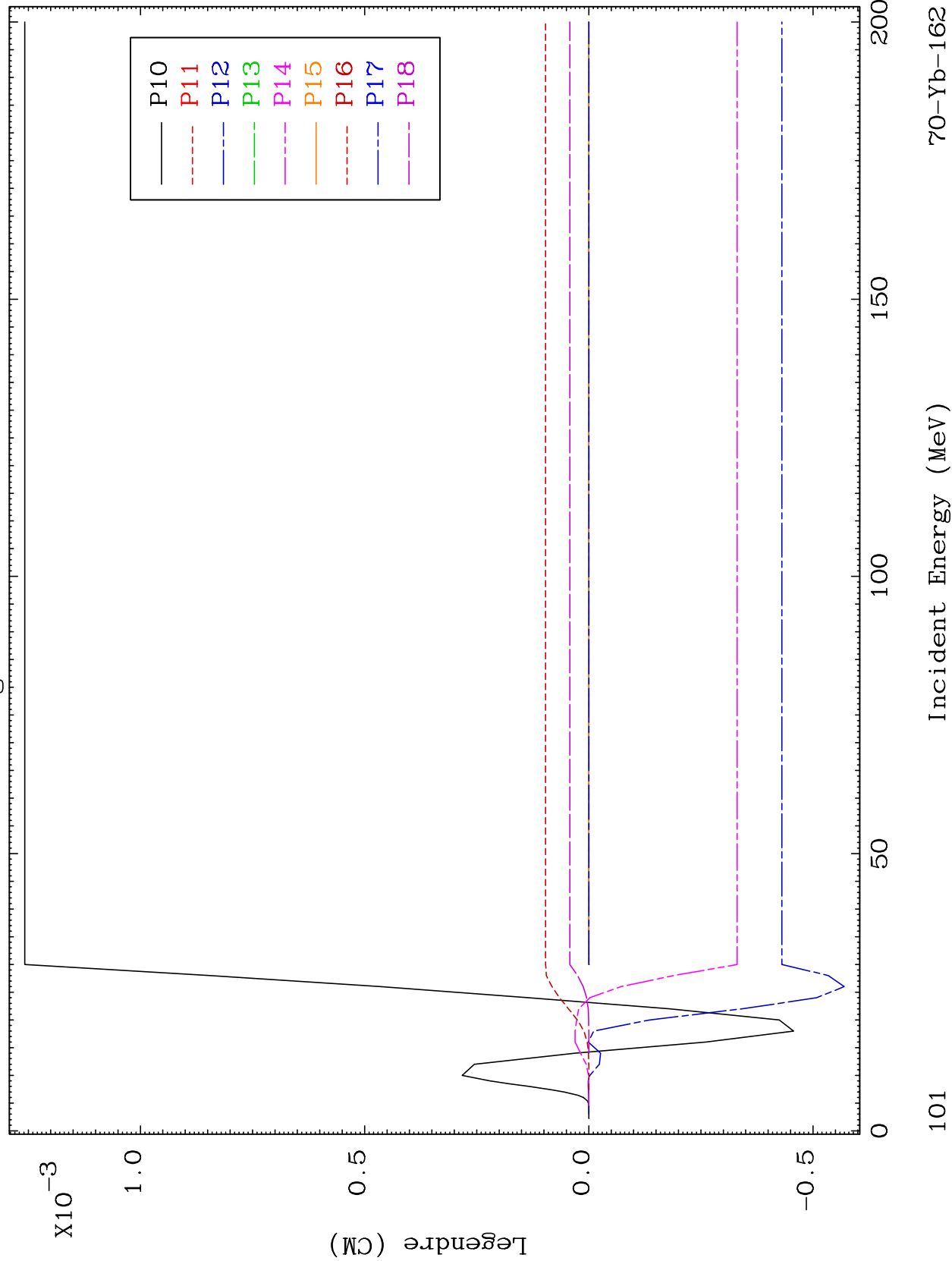
70-Yb-162



MAT 7007

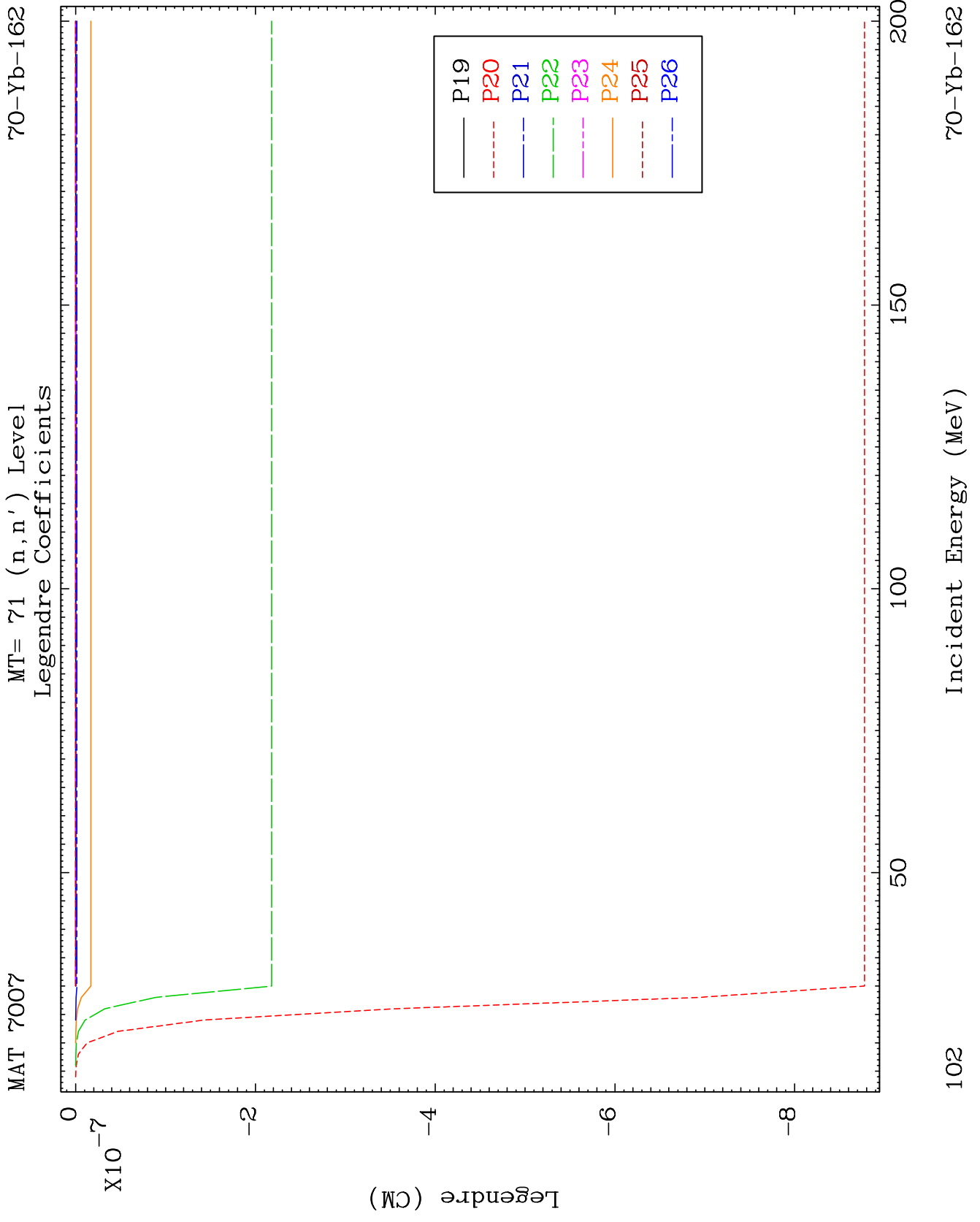
MT= 71 (n,n') Level
Legendre Coefficients

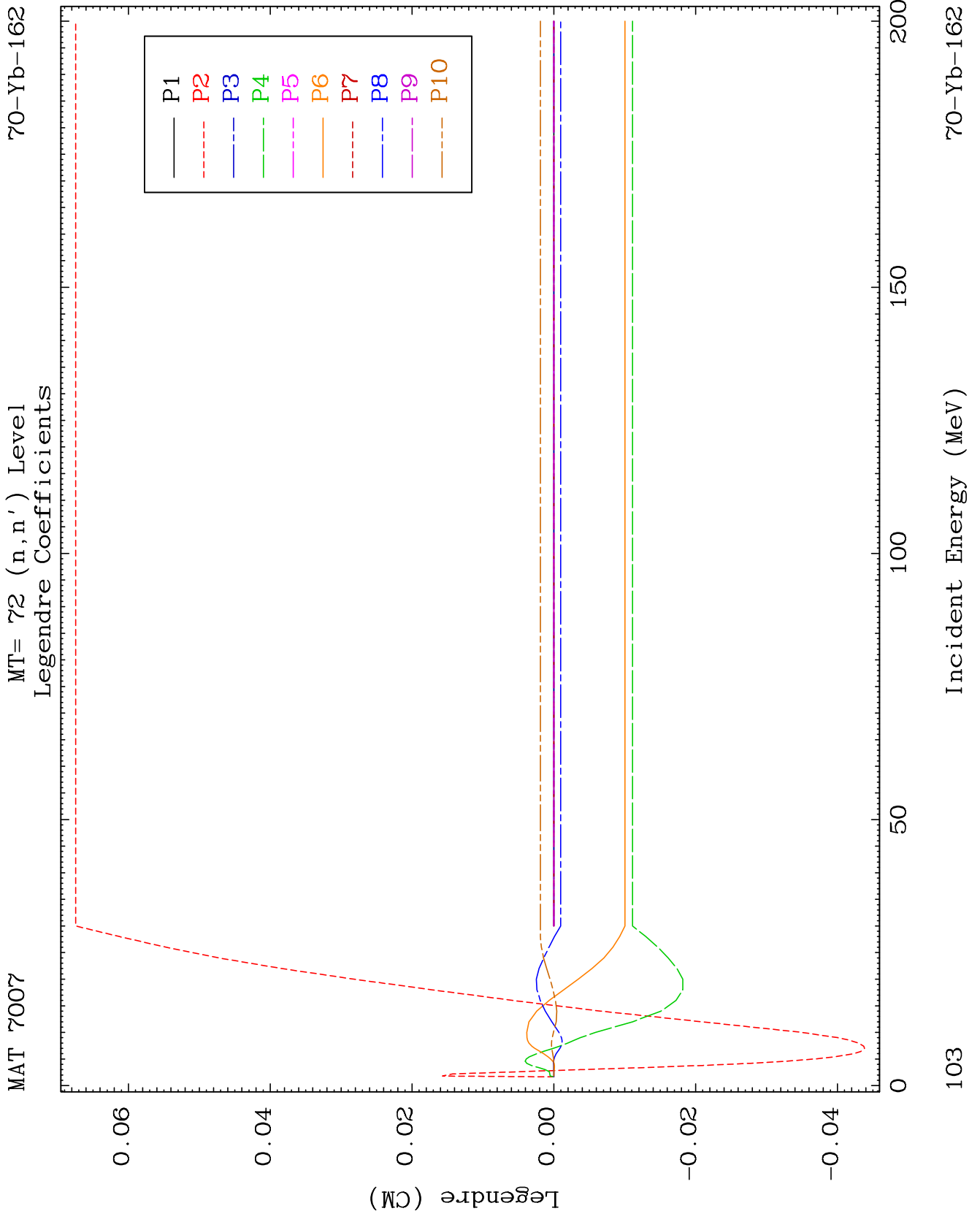
70-Yb-162

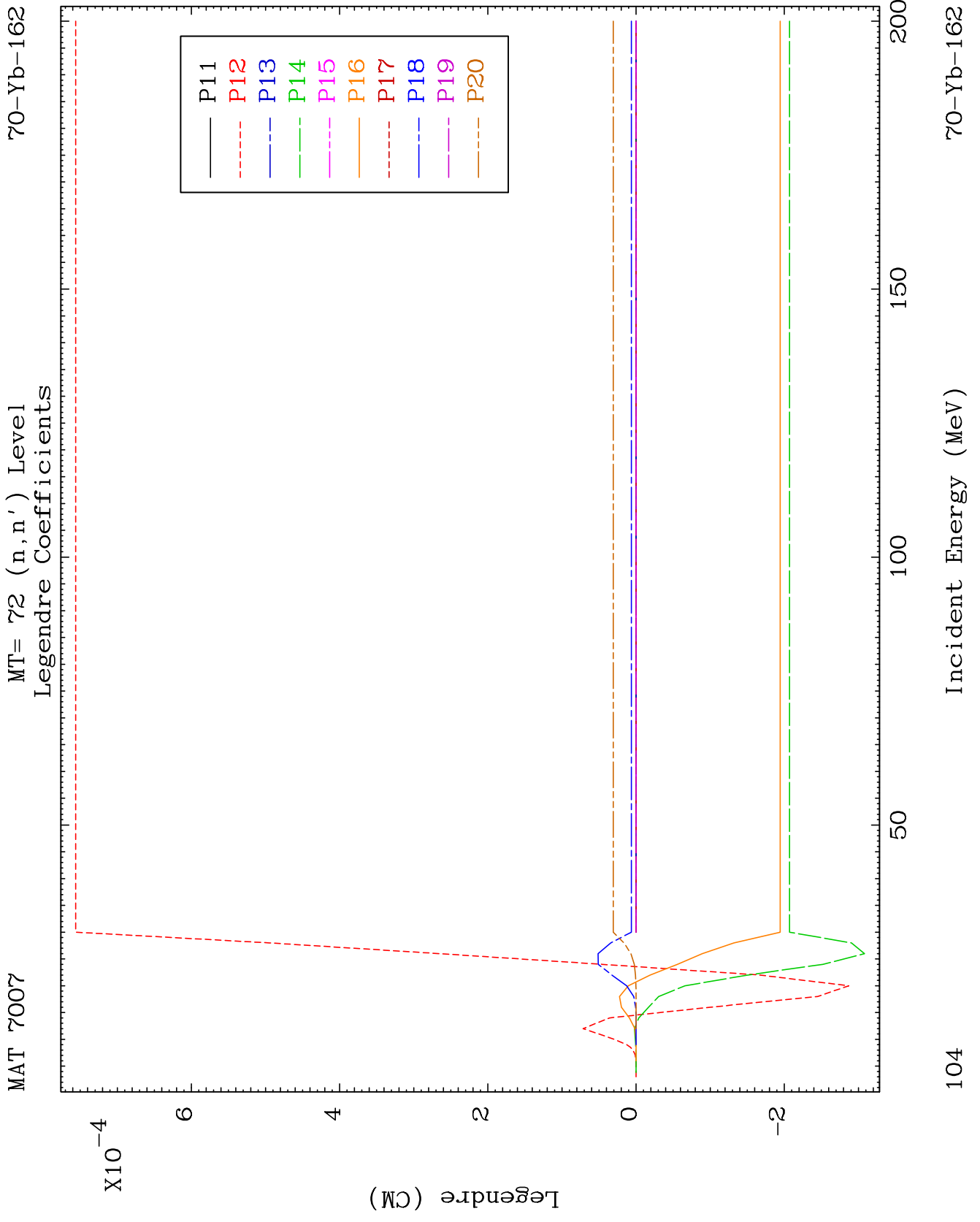


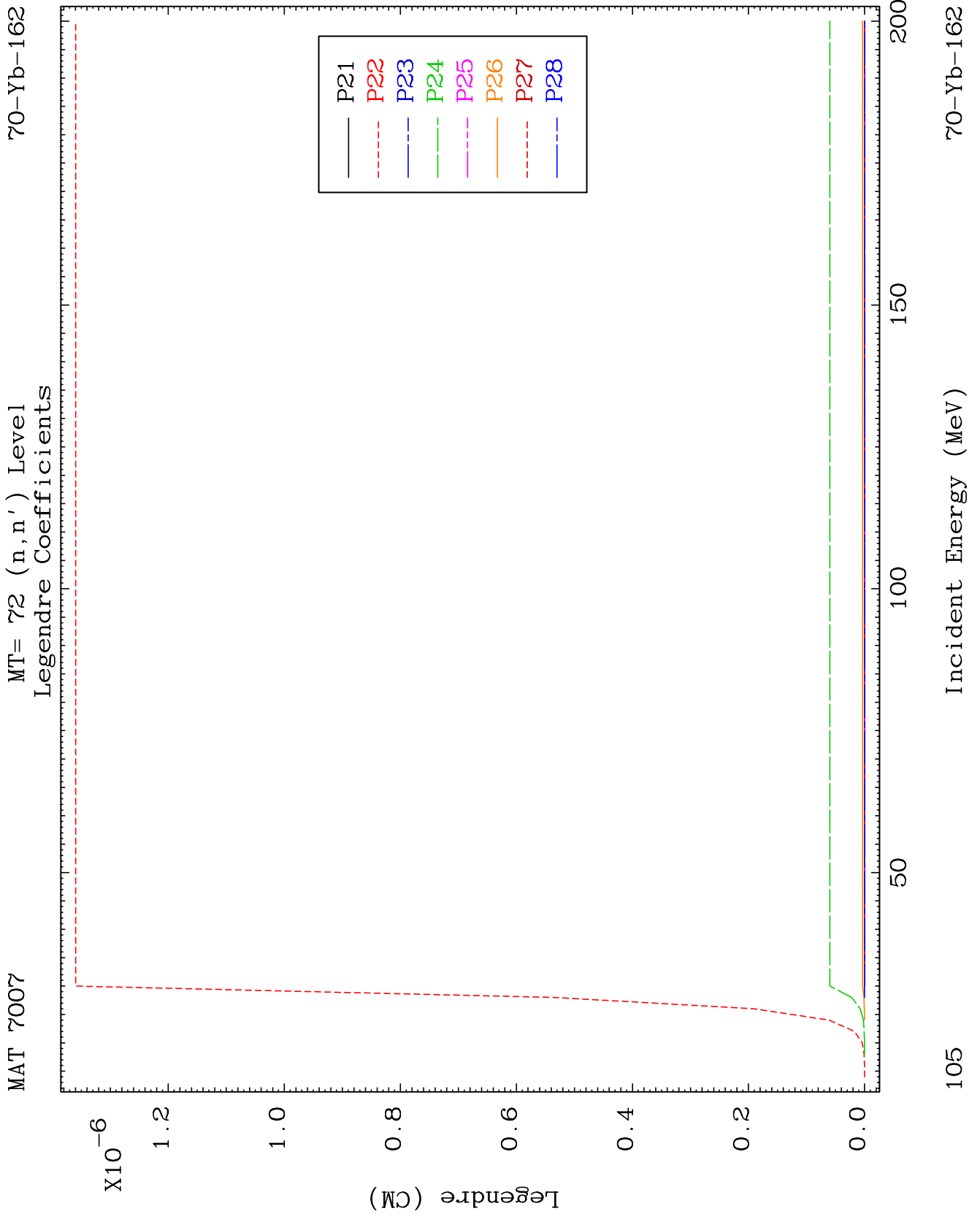
101

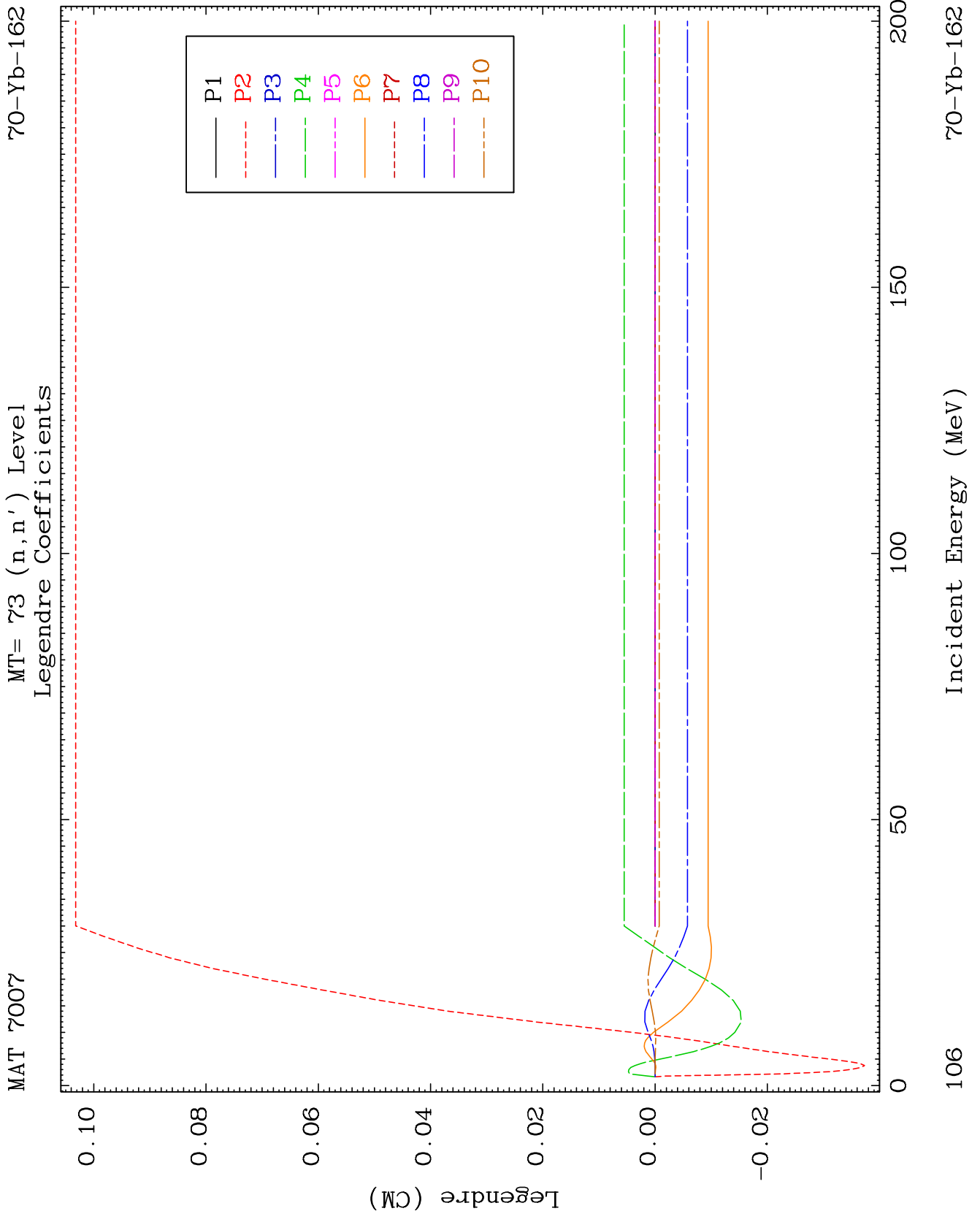
70-Yb-162







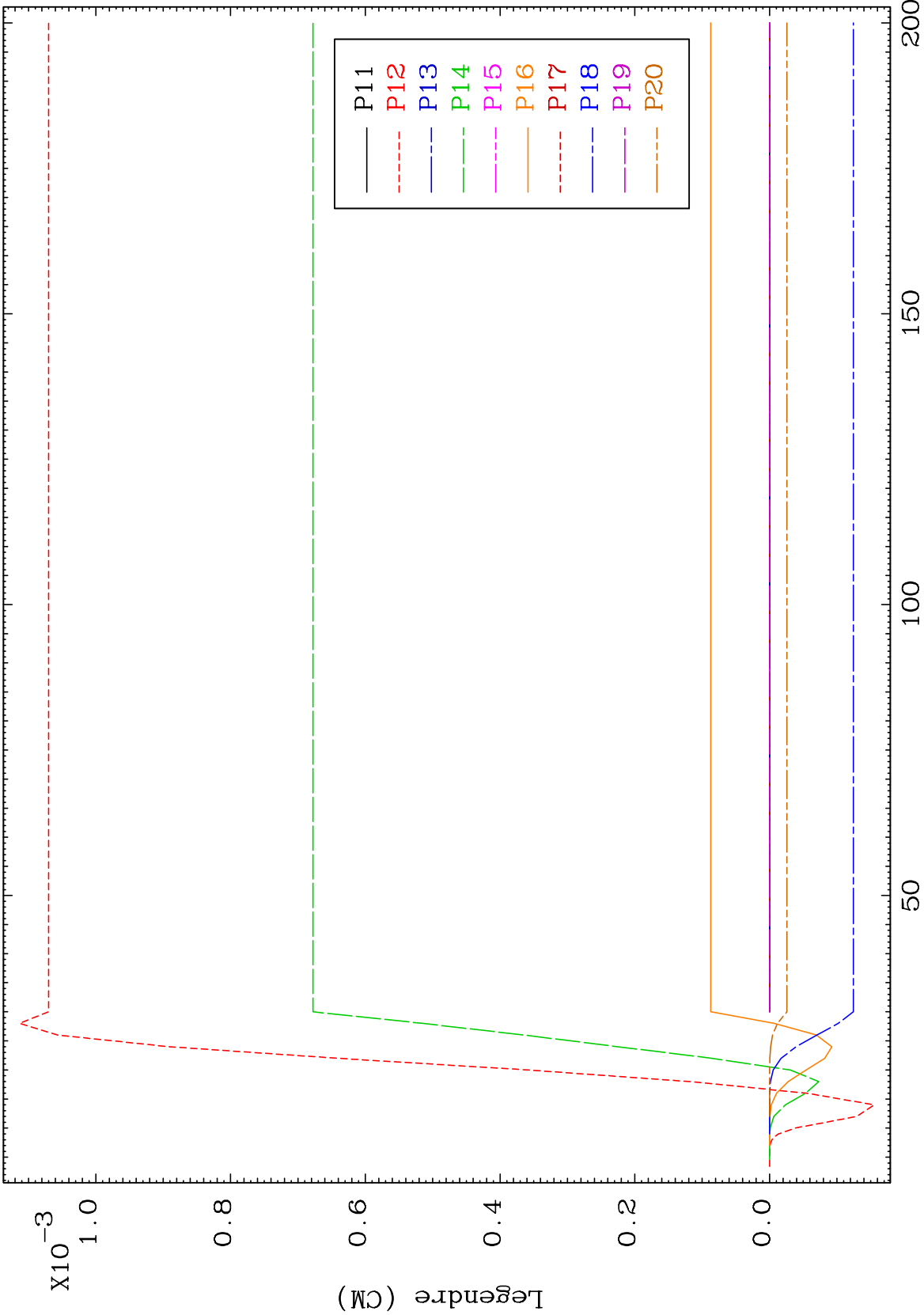




MAT 7007

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

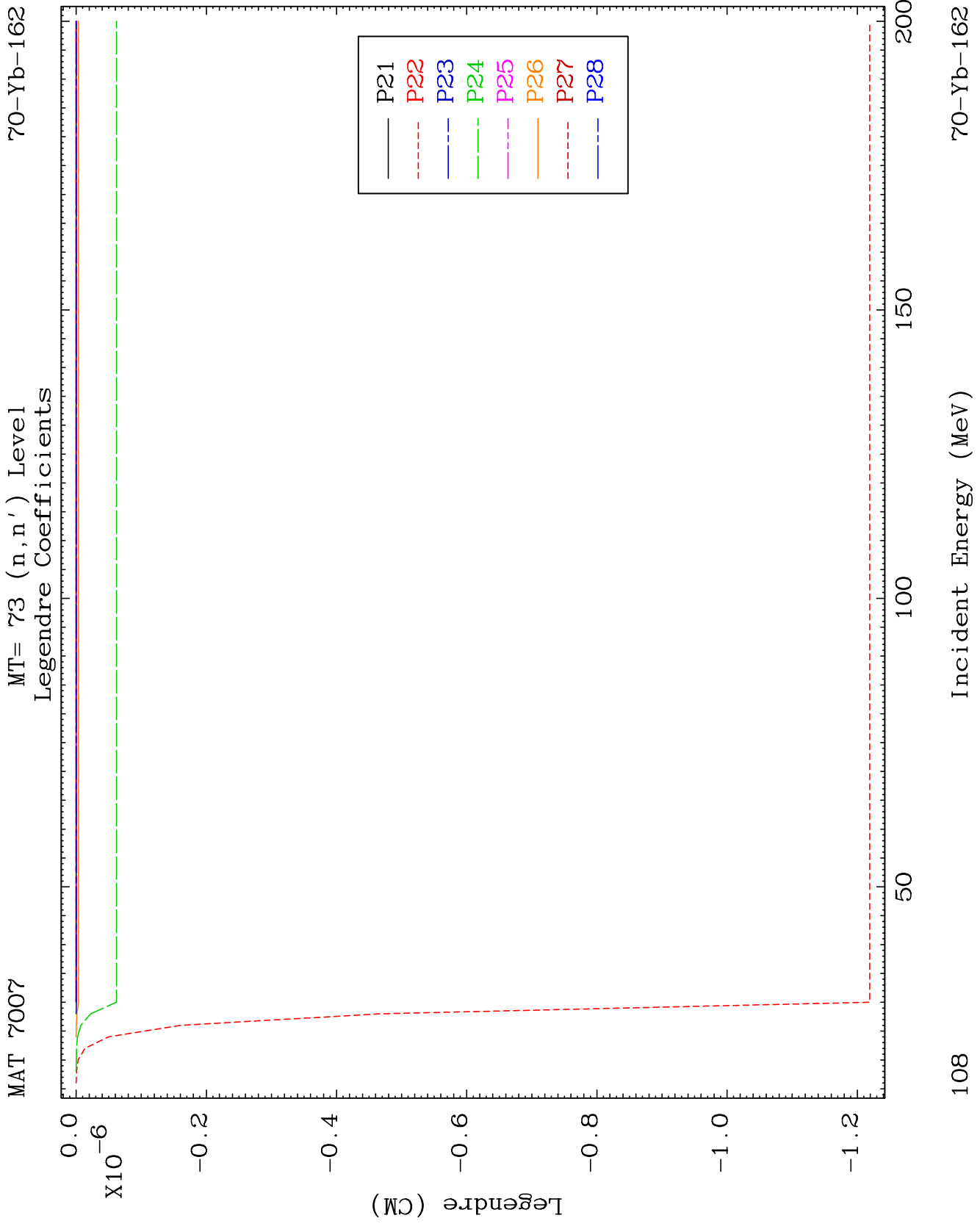
70-Yb-162



107

Incident Energy (MeV)

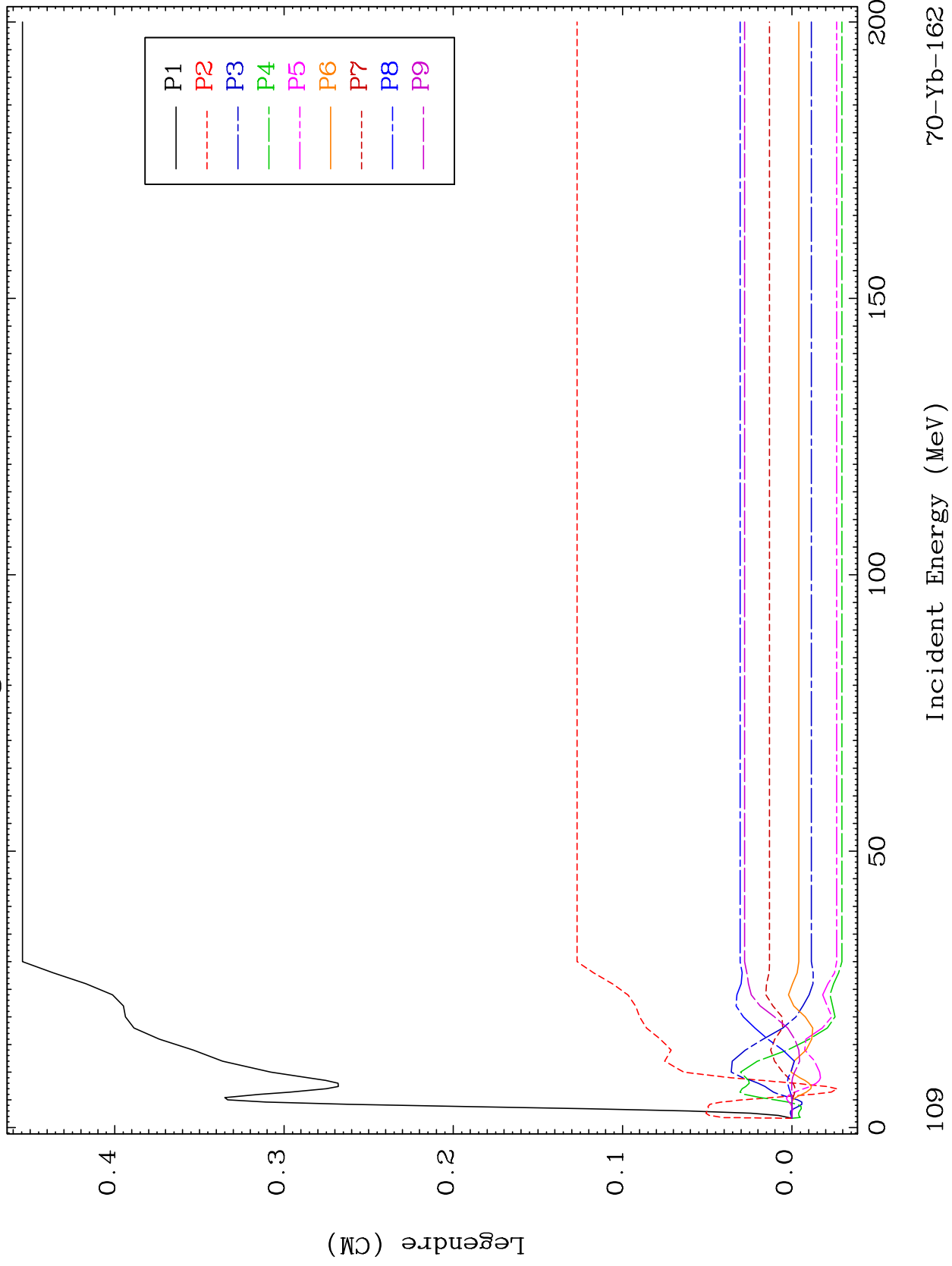
70-Yb-162



MAT 7007

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

70-Yb-162



70-Yb-162

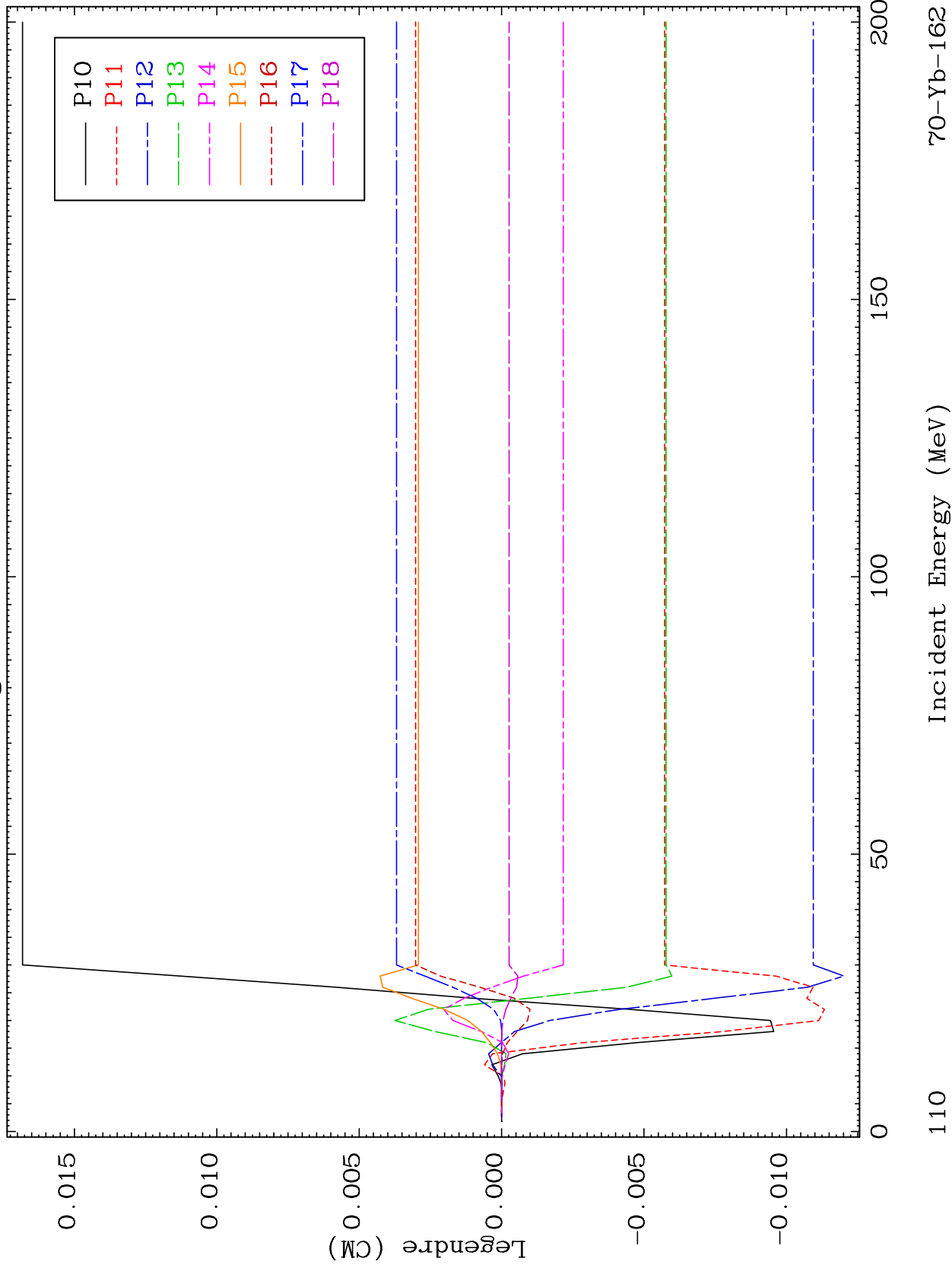
Incident Energy (MeV)

109

MAT 7007

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

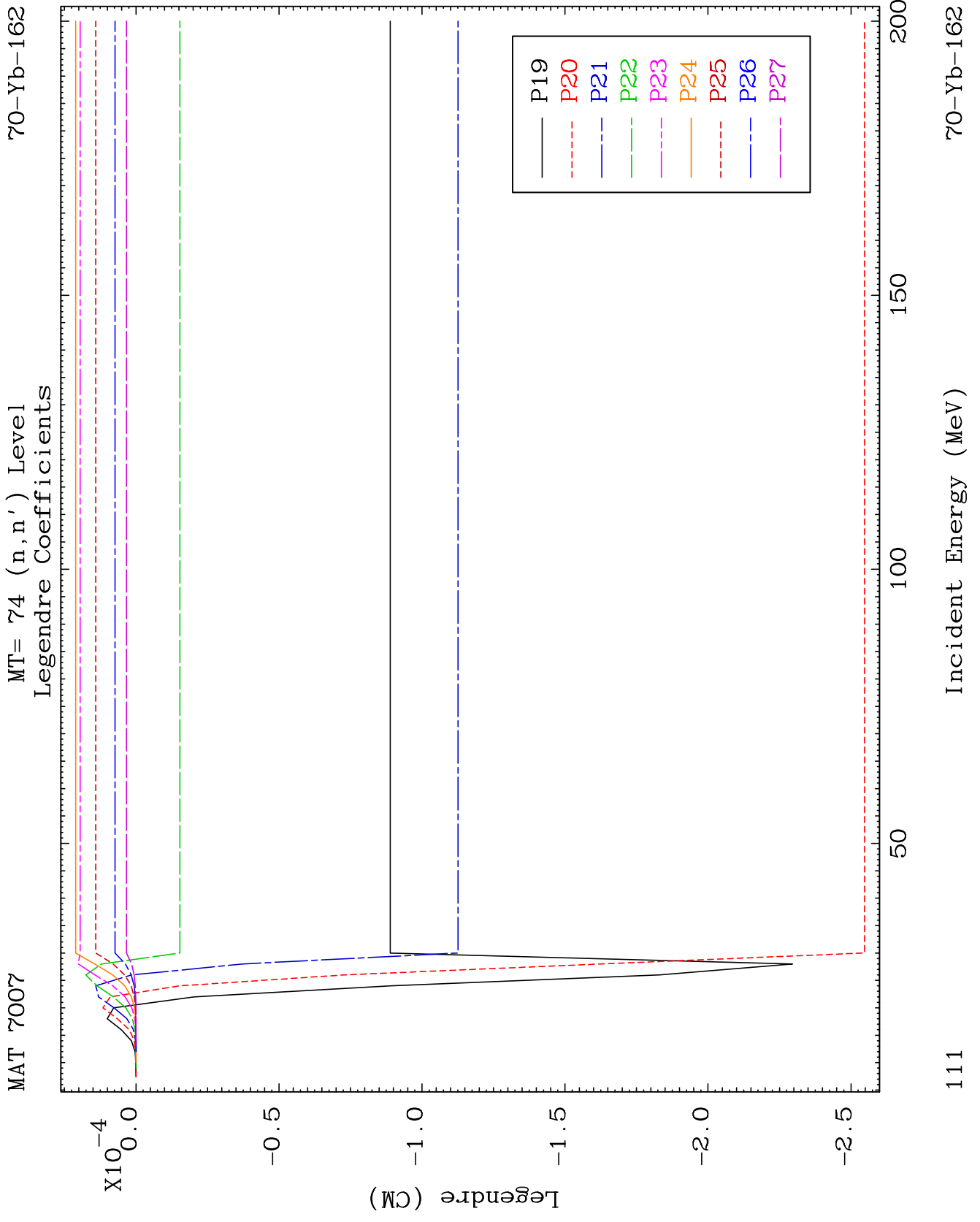
70-Yb-162



110

Incident Energy (MeV)

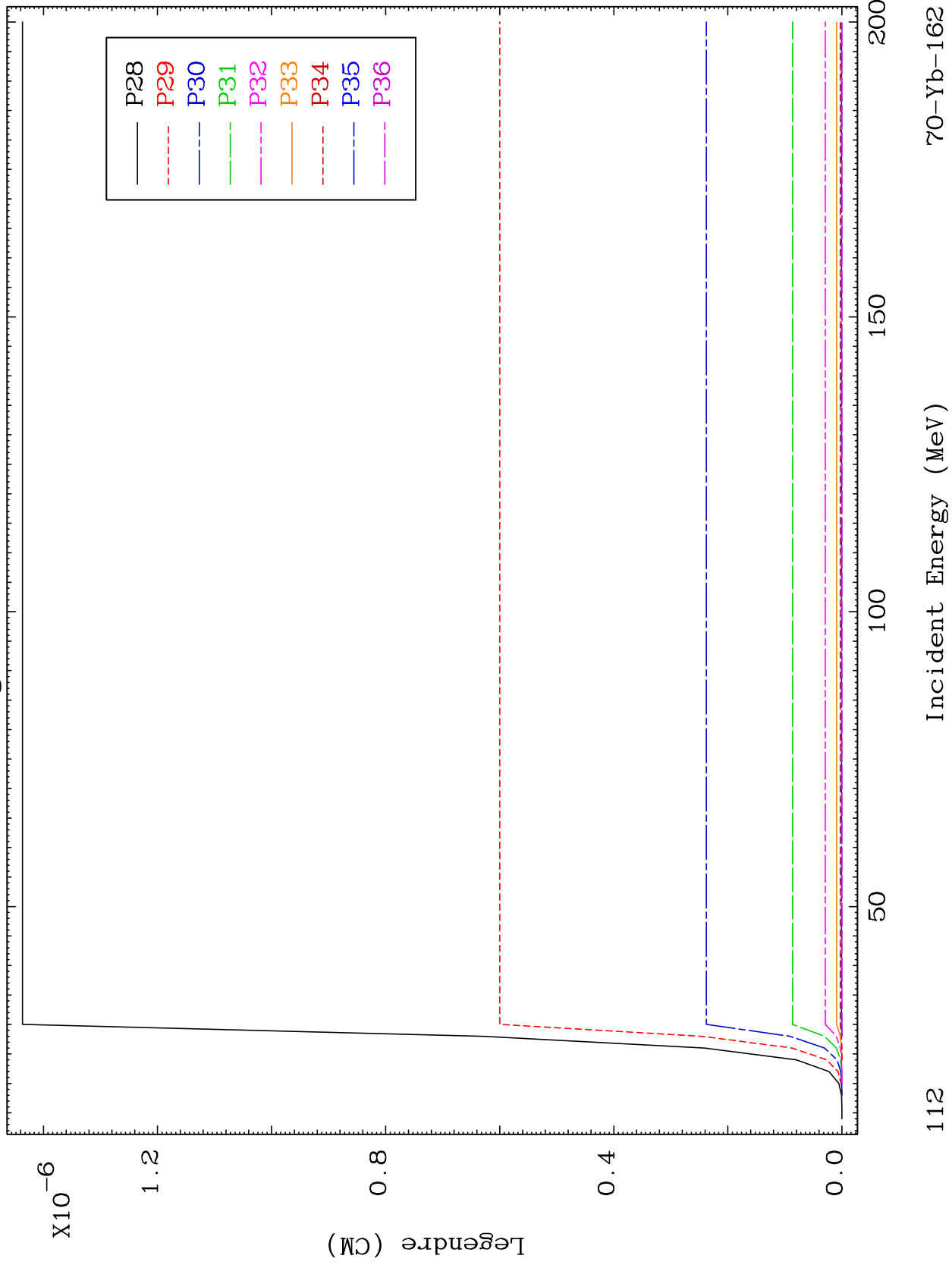
70-Yb-162



MAT 7007

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

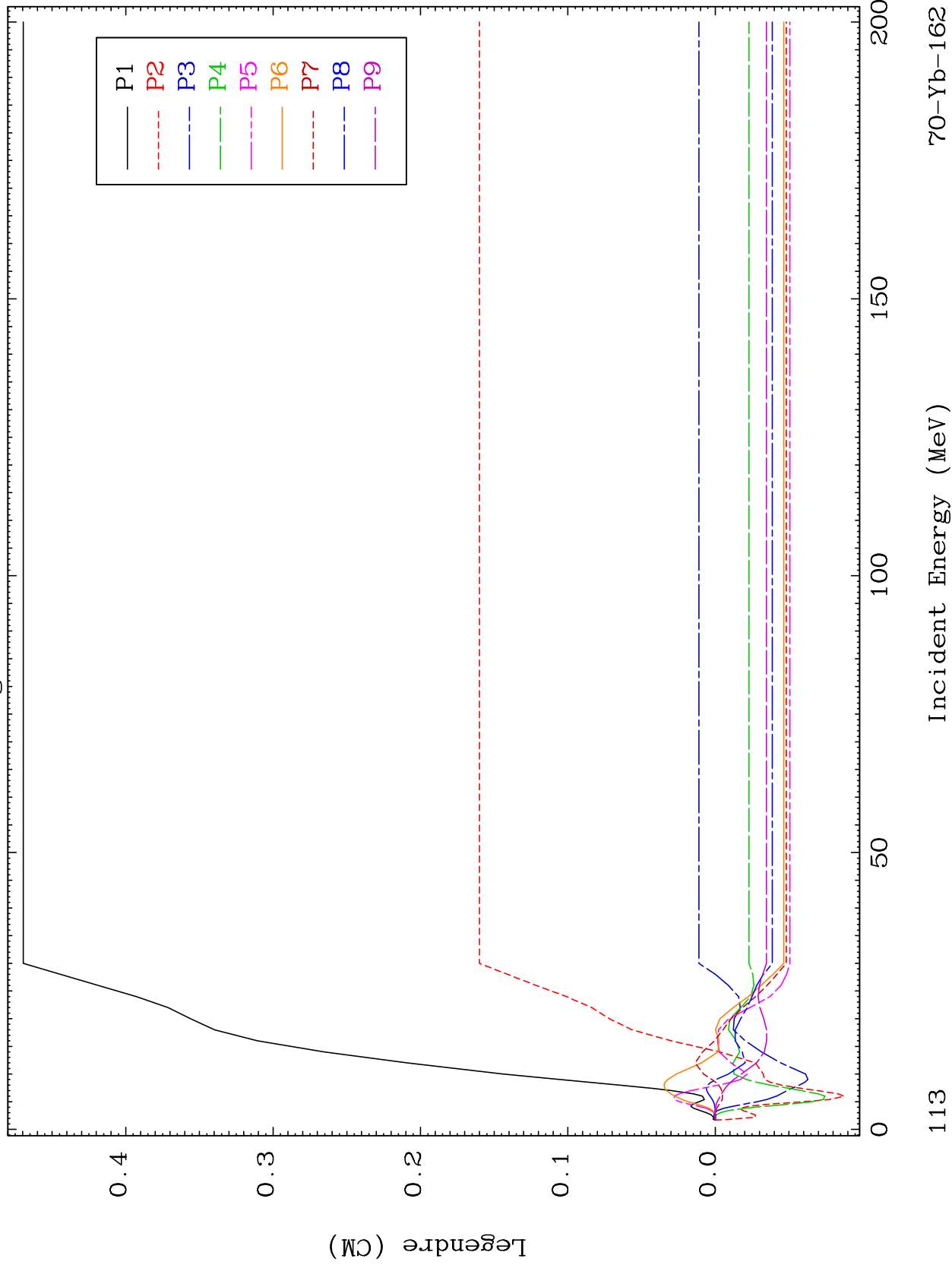
70-Yb-162



MAT 7007

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

70-Yb-162



113

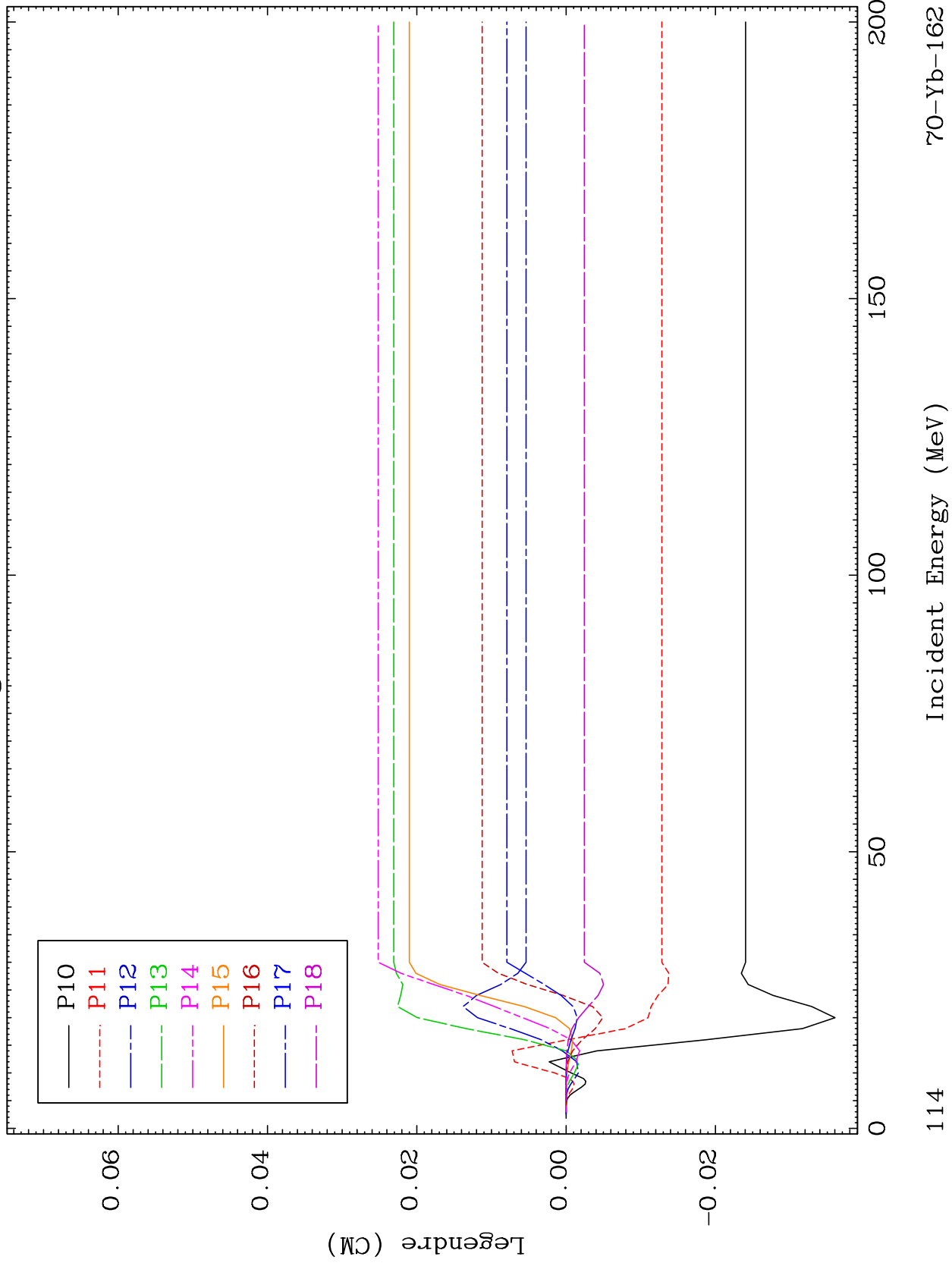
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

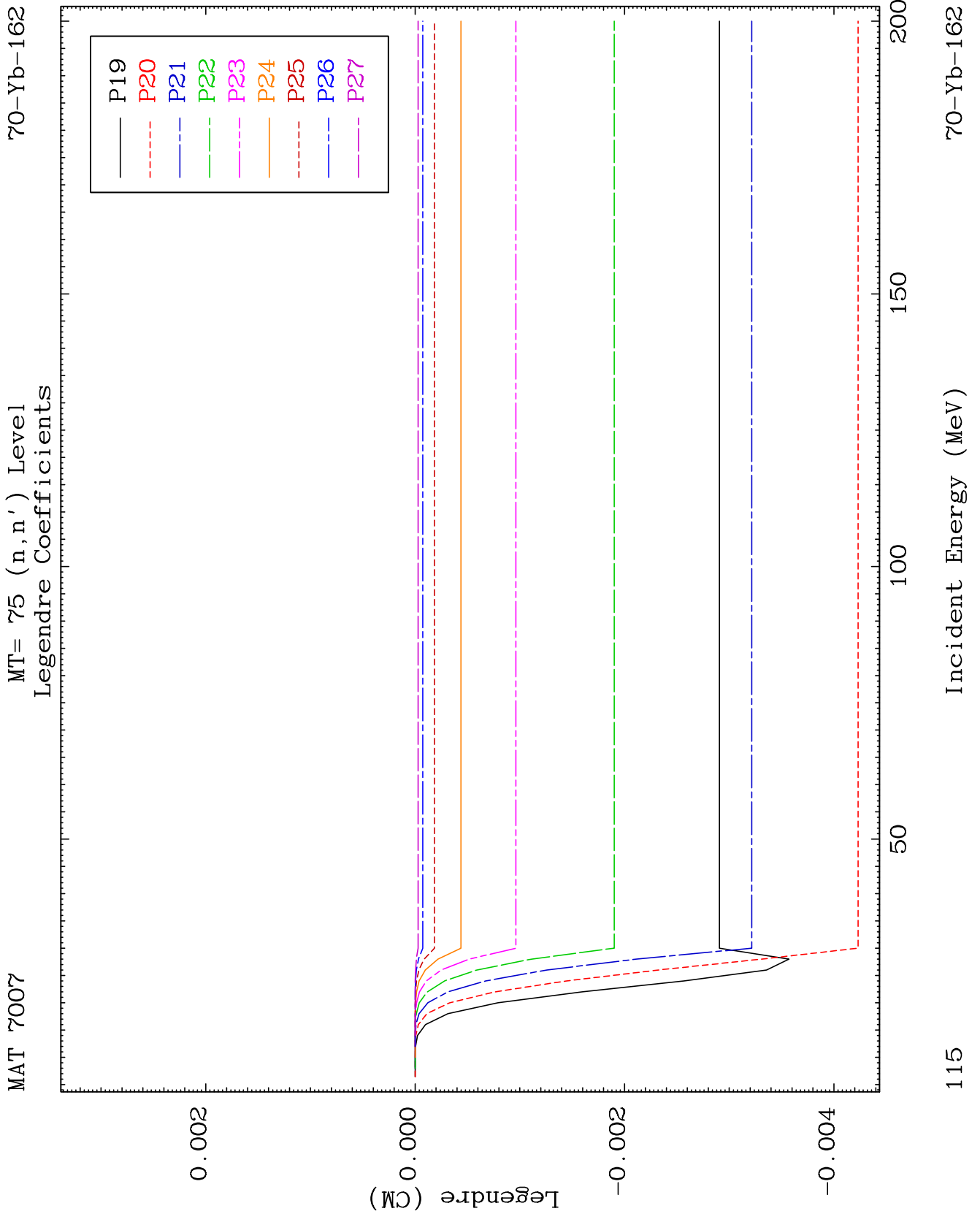
70-Yb-162

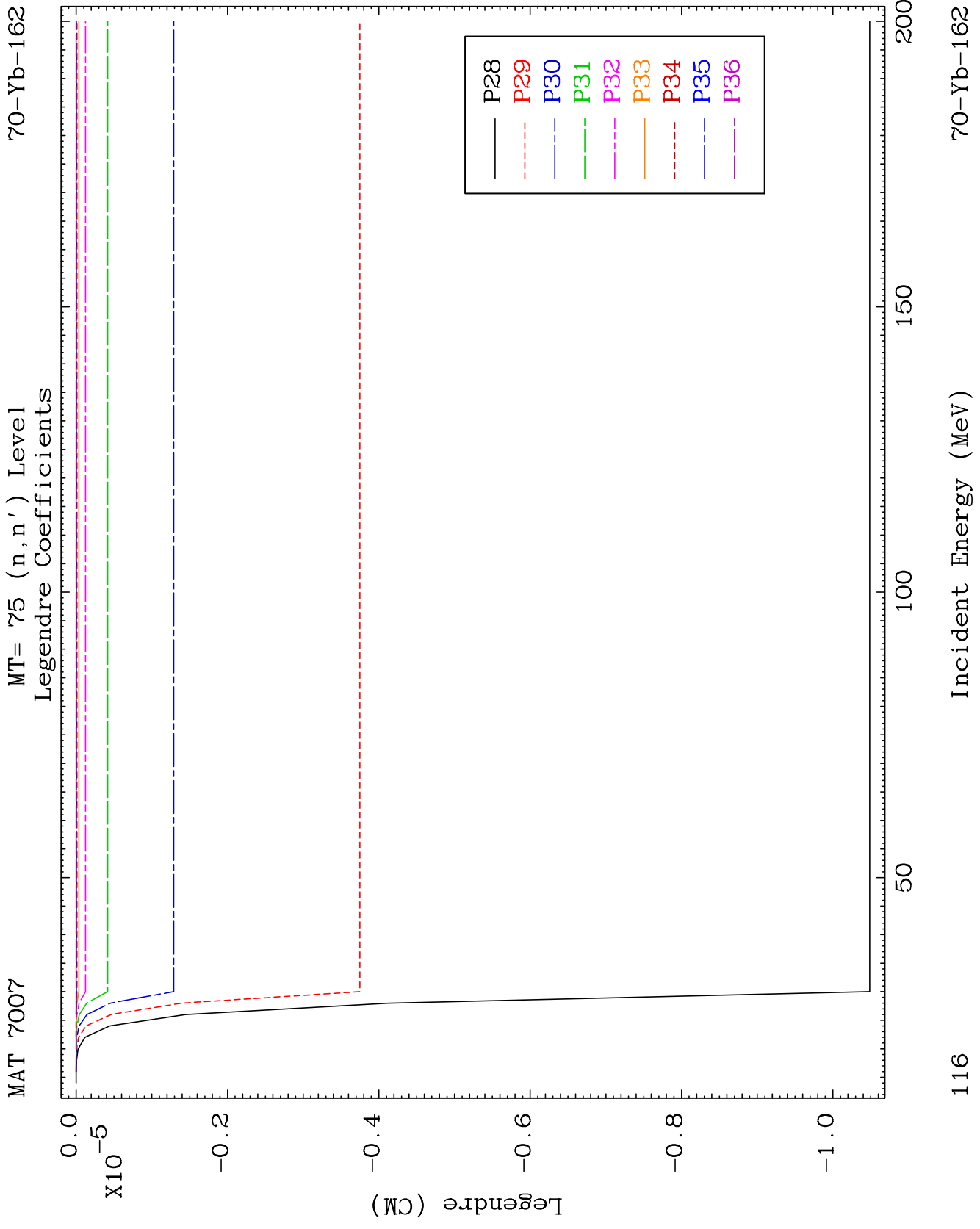


114

Incident Energy (MeV)

70-Yb-162

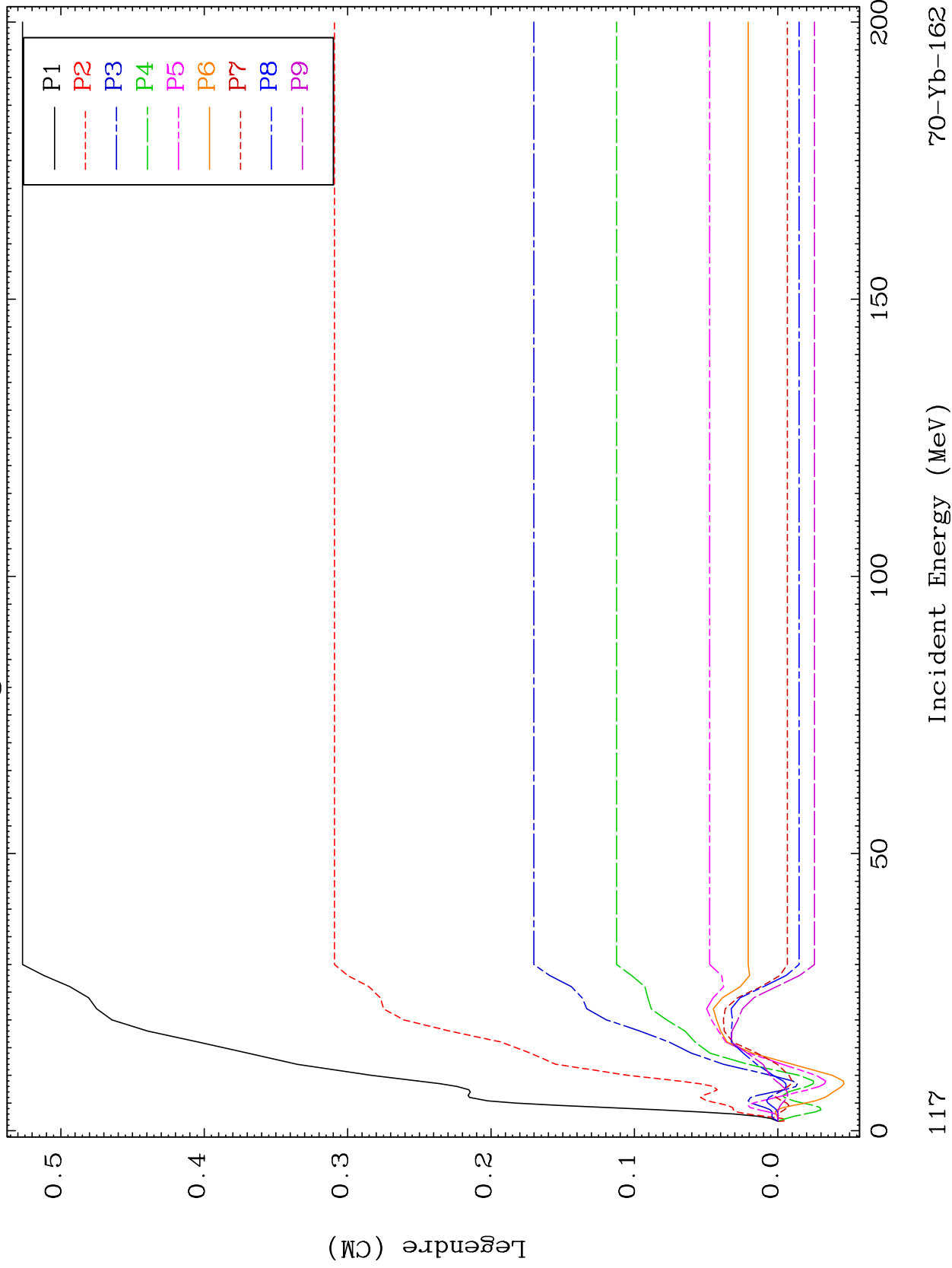




MAT 7007

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

70-Yb-162



117

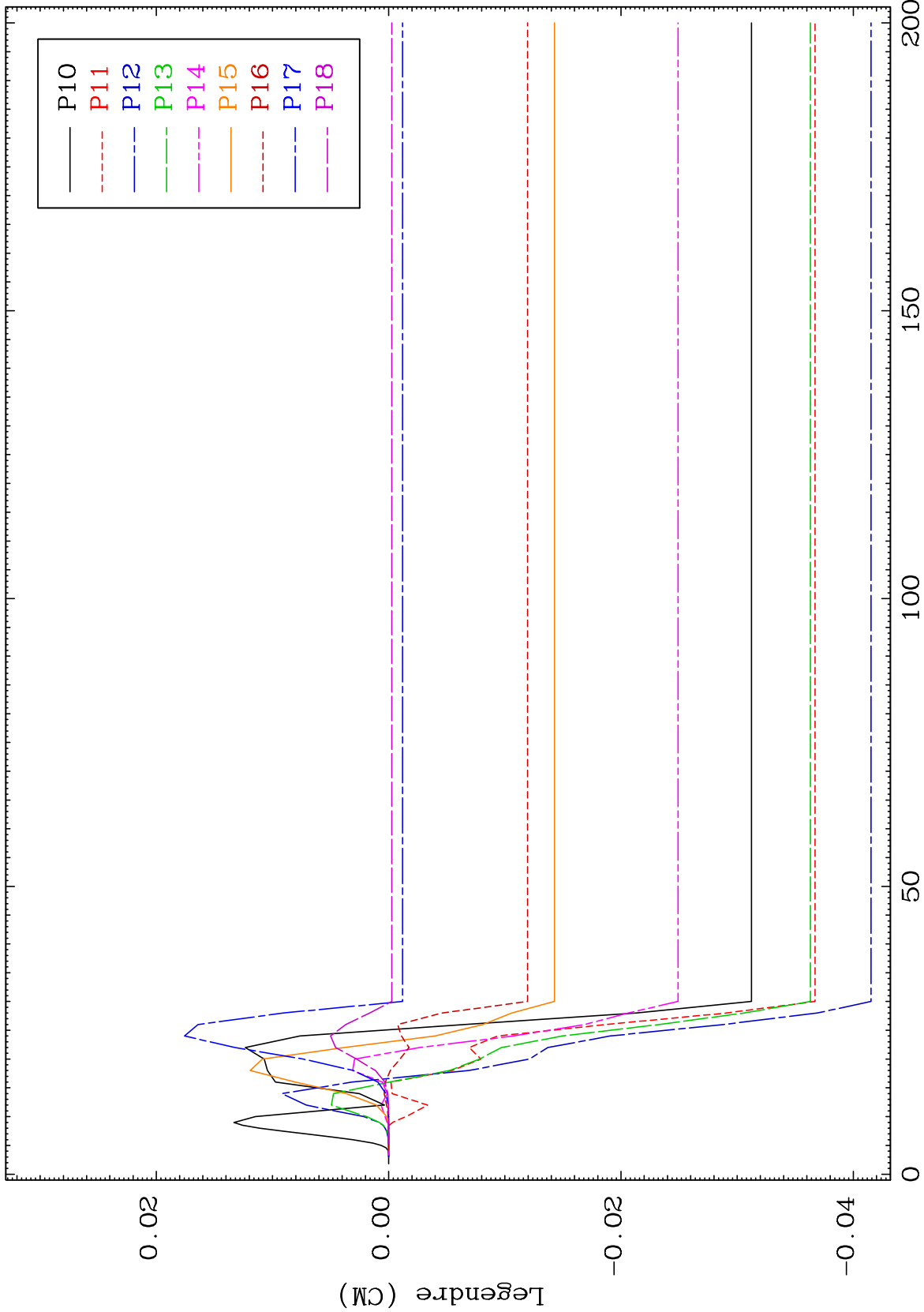
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



118

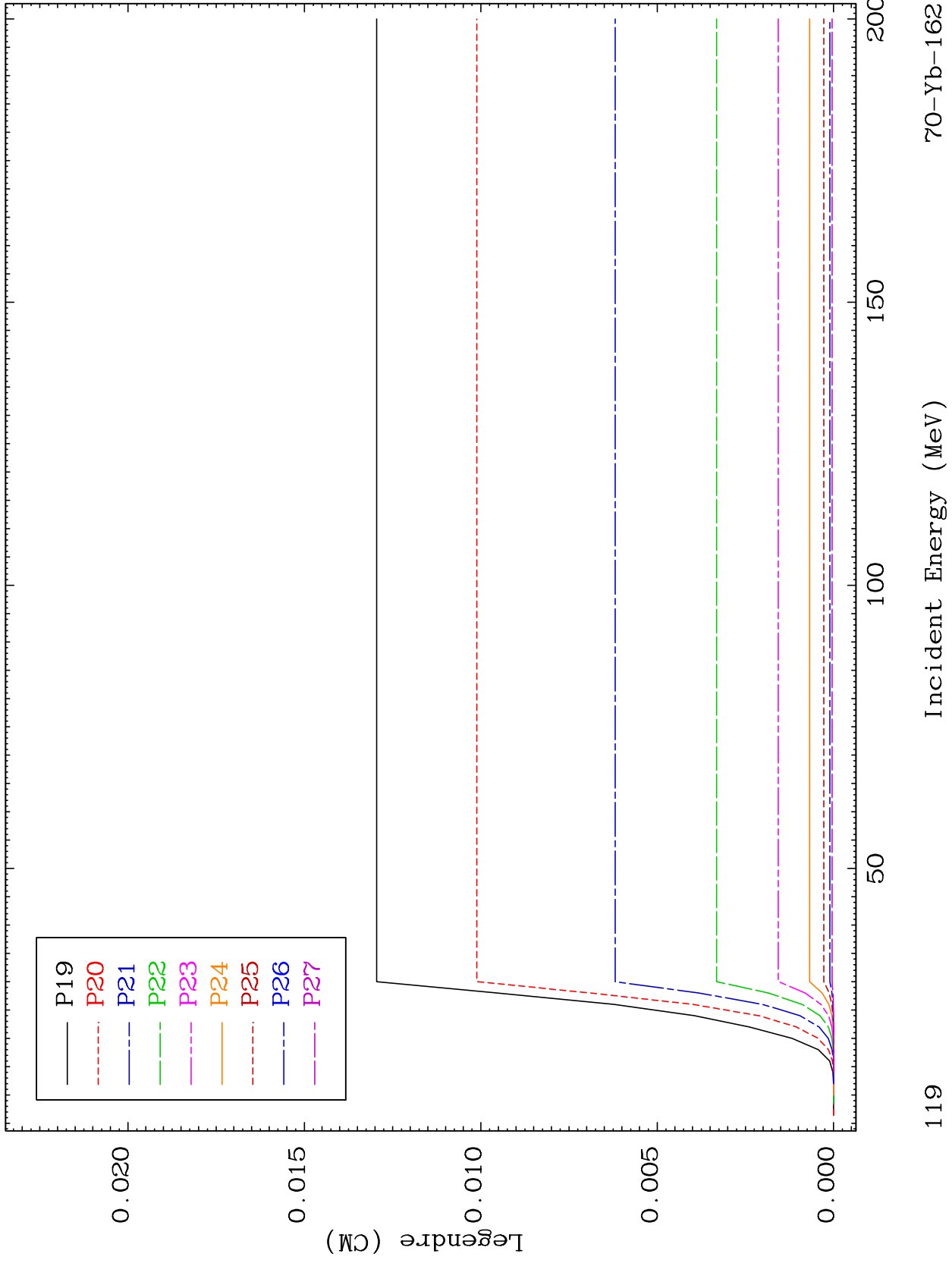
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

70-Yb-162



119

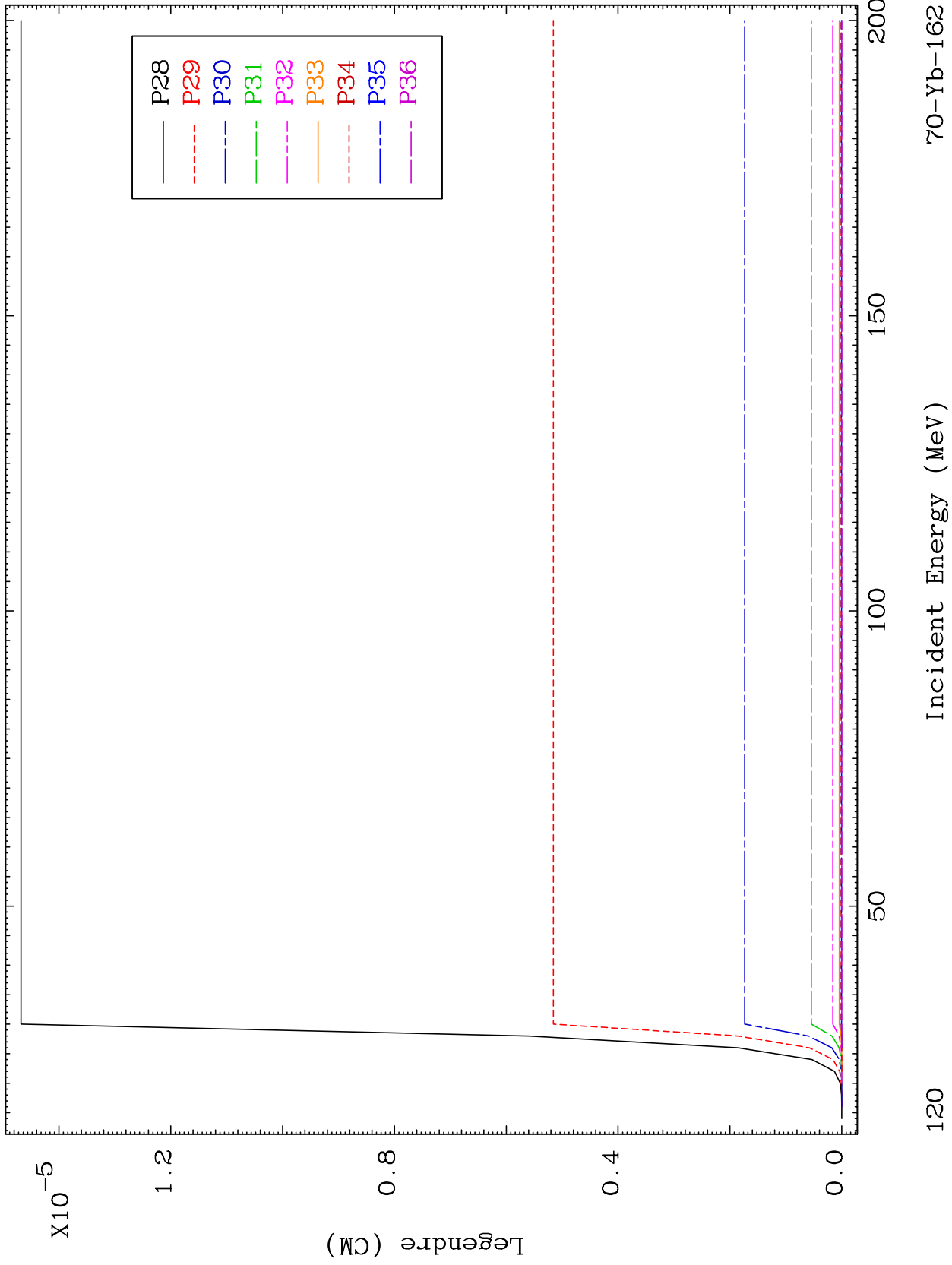
Incident Energy (MeV)

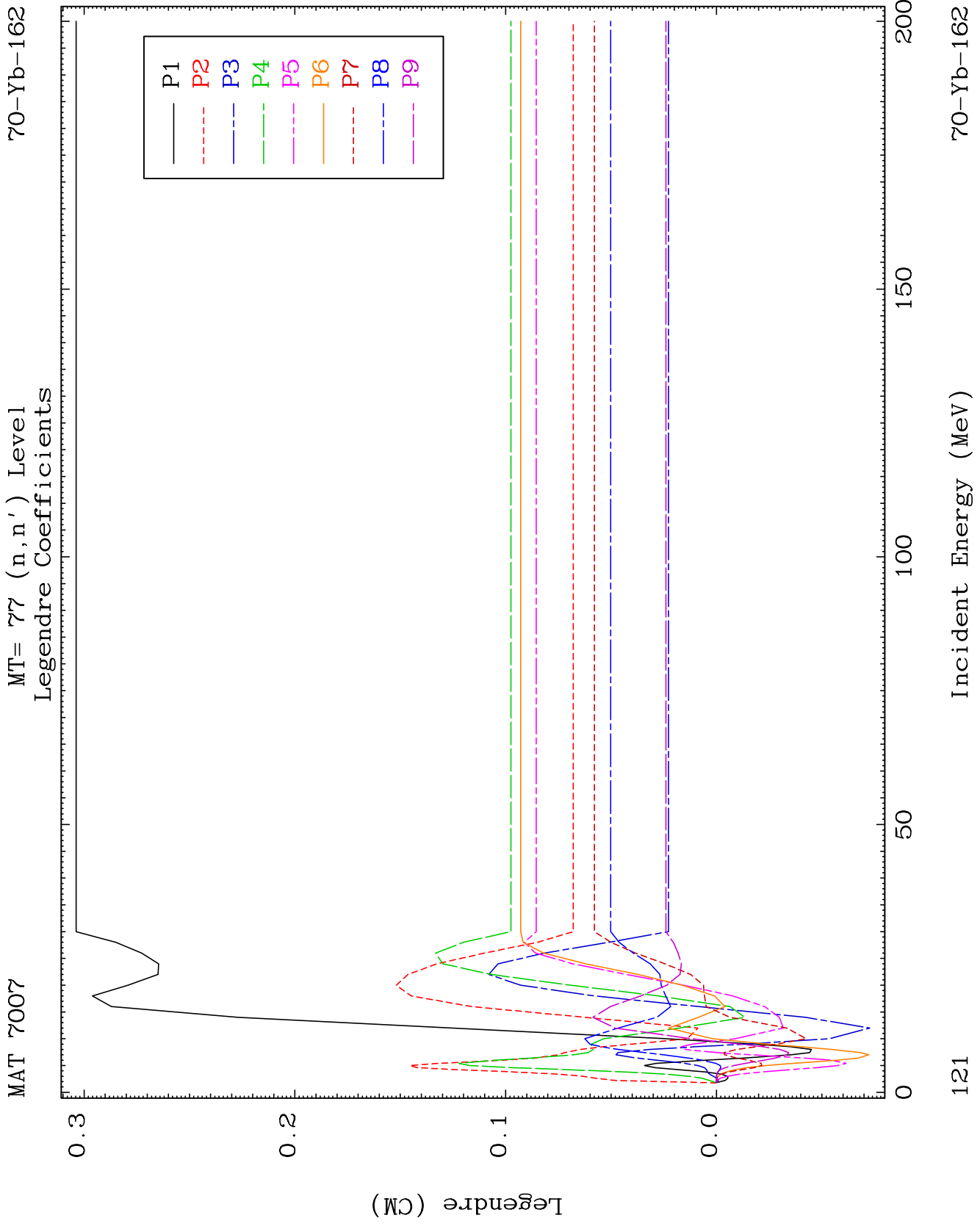
70-Yb-162

MAT 7007

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

70-Yb-162

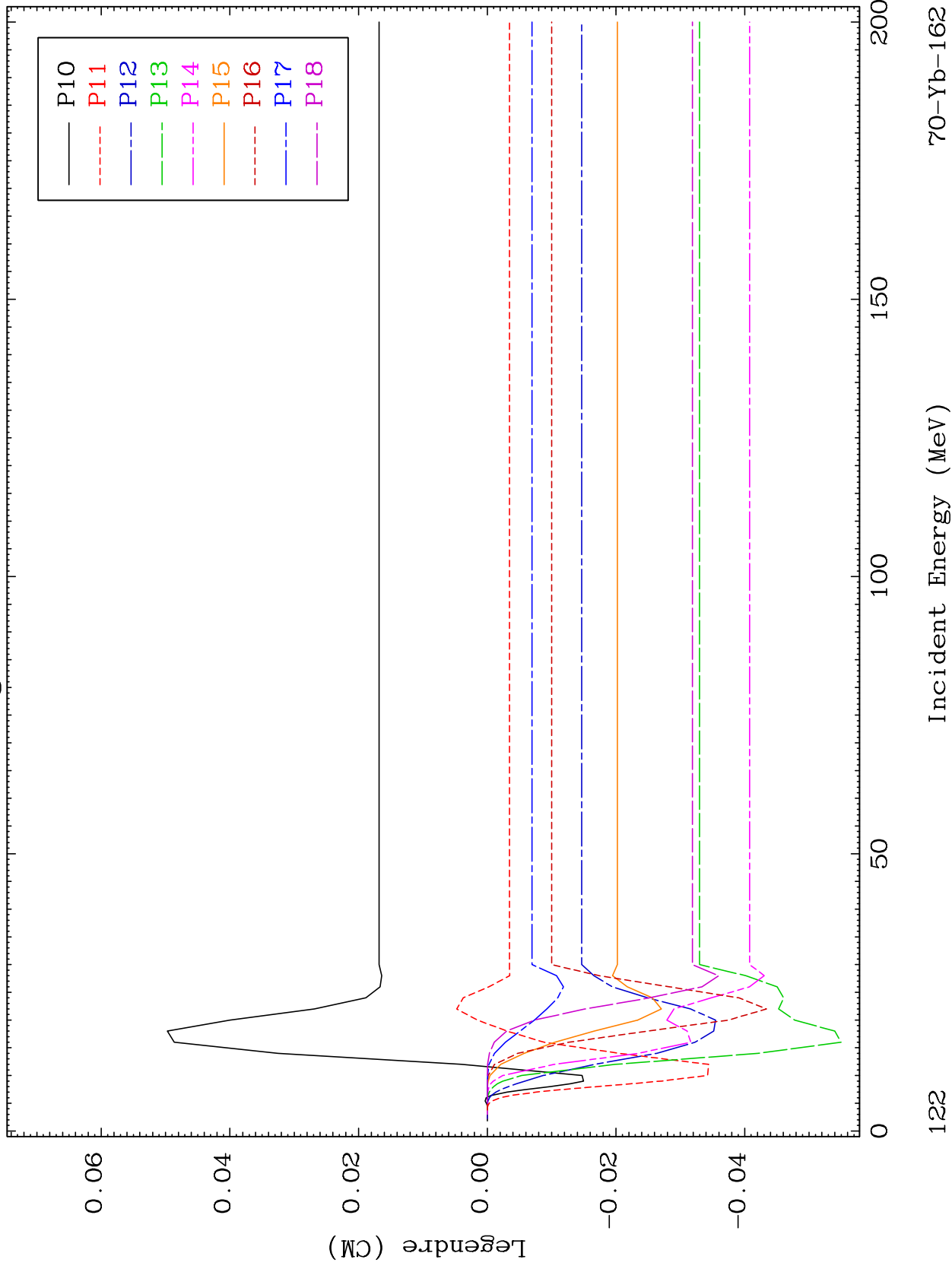




MAT 7007

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

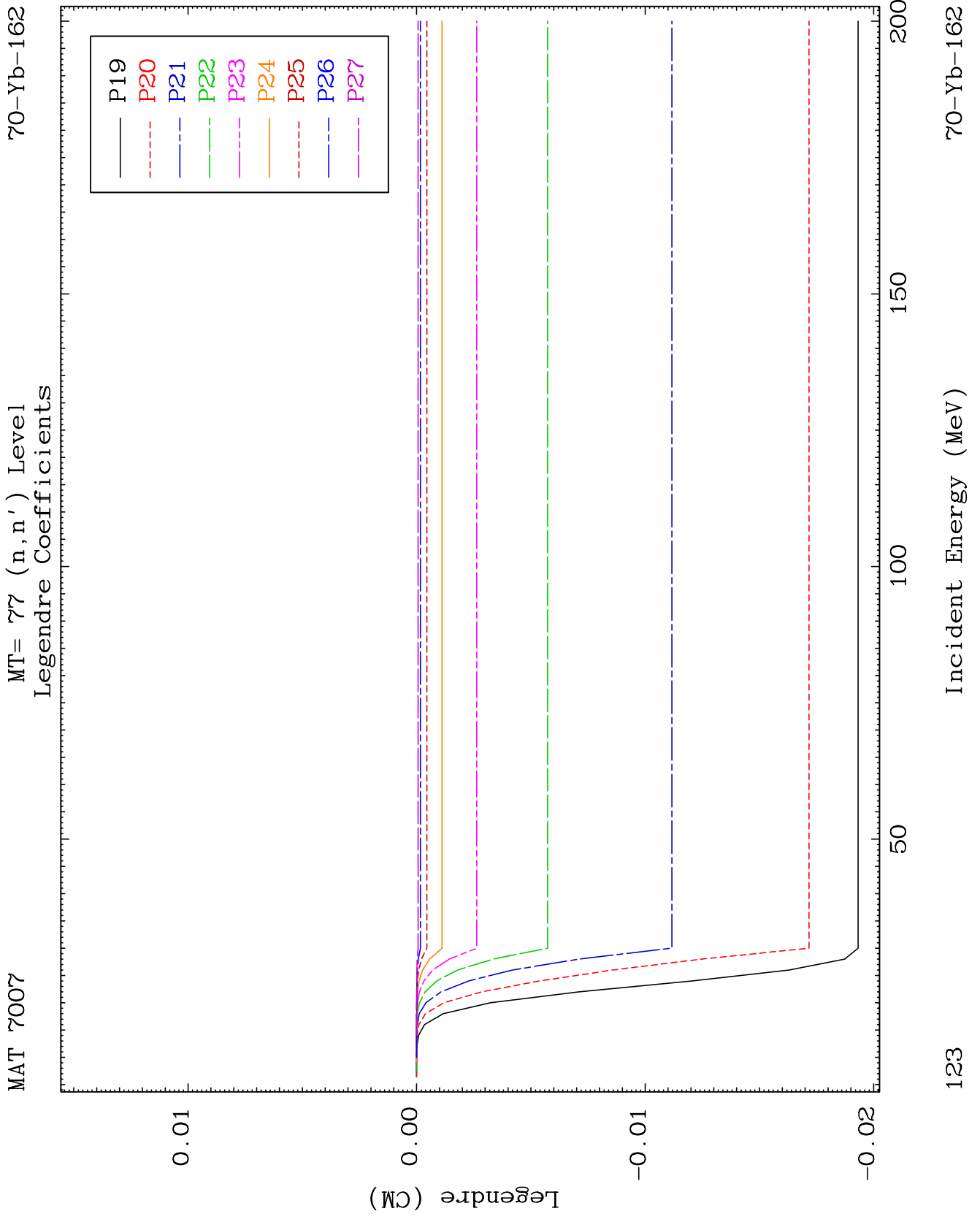
70-Yb-162

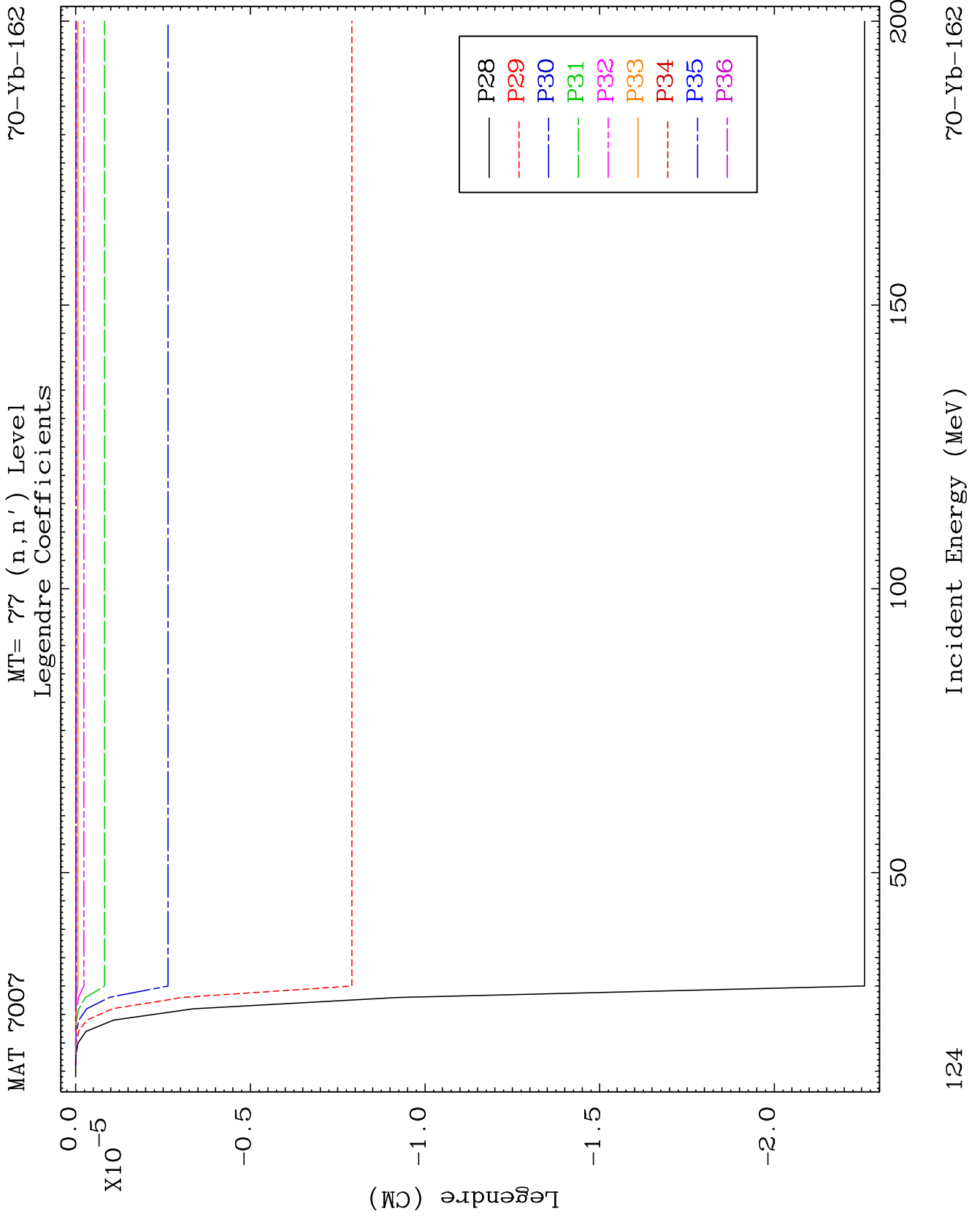


70-Yb-162

Incident Energy (MeV)

122

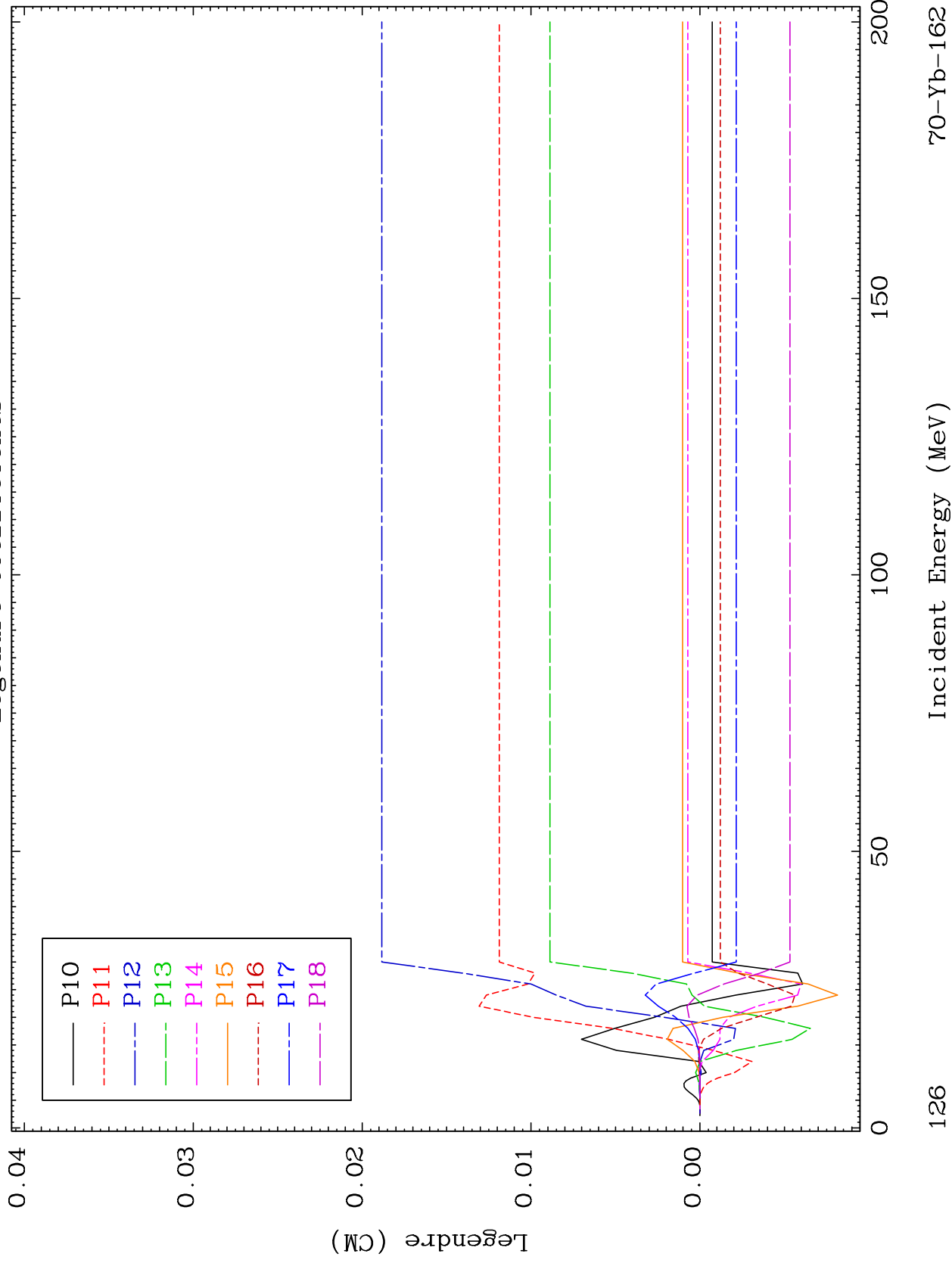




MAT 7007

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

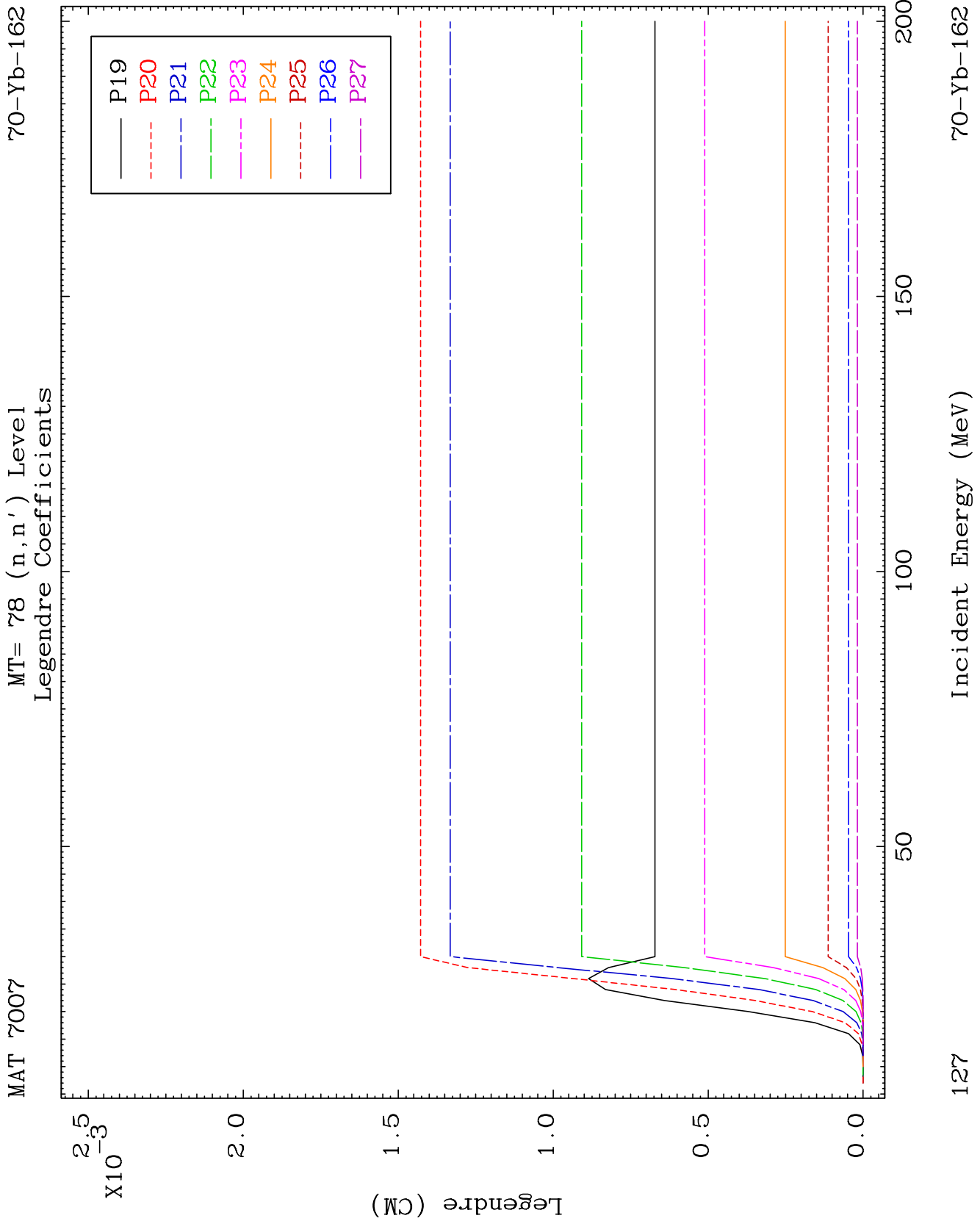
70-Yb-162



126

Incident Energy (MeV)

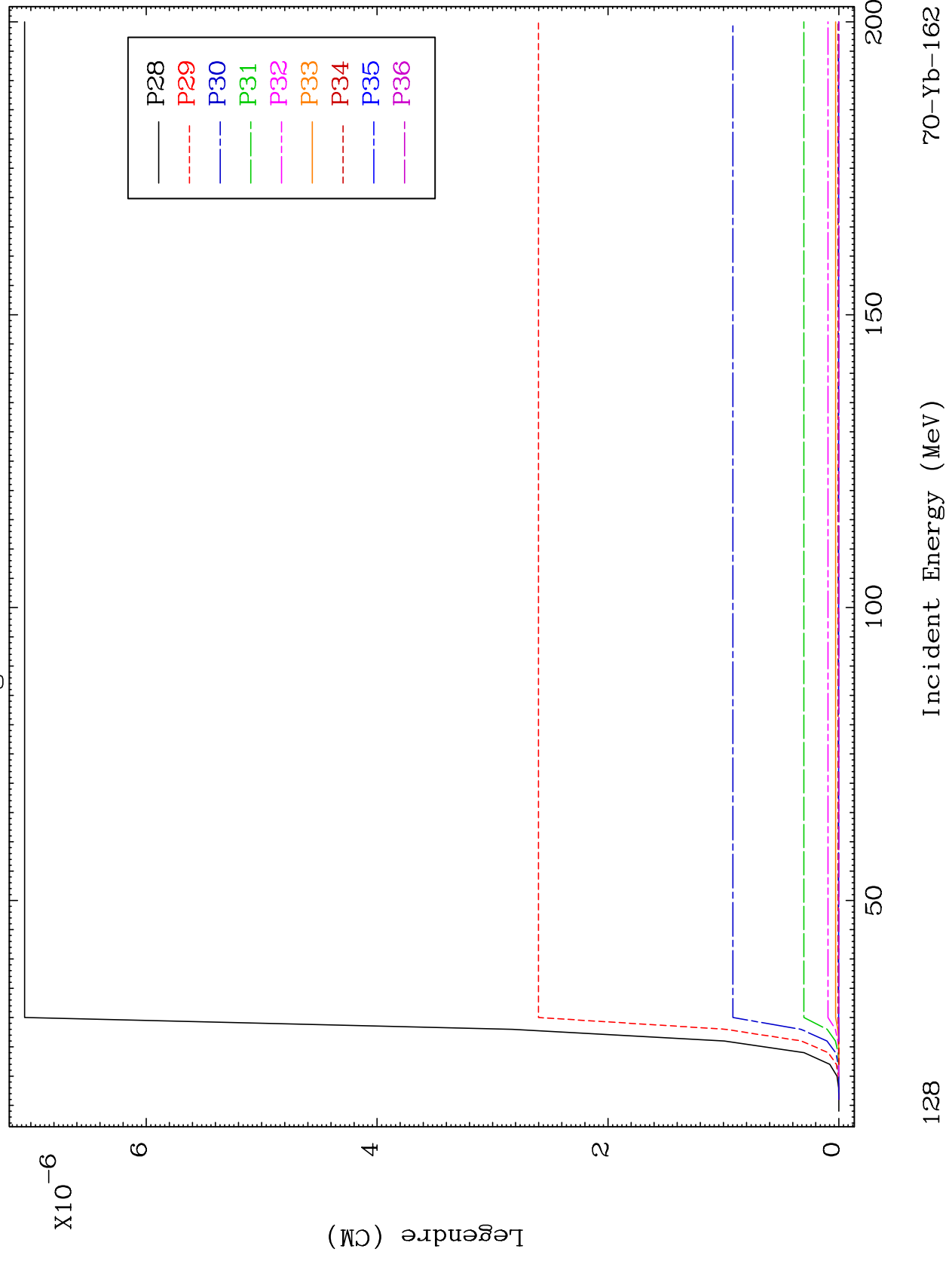
70-Yb-162



MAT 7007

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

70-Yb-162



128

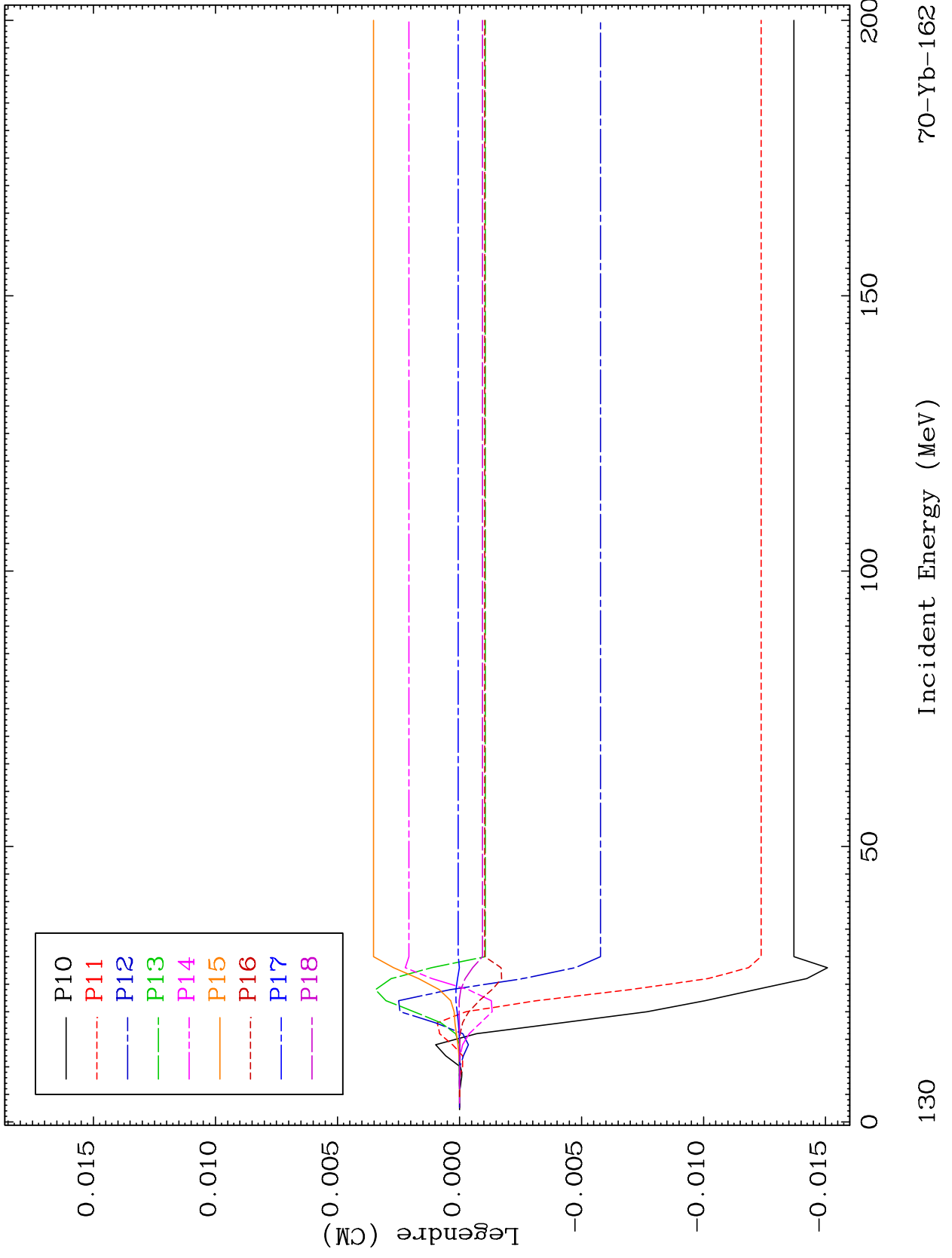
Incident Energy (MeV)

70-Yb-162

MAT 7007

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

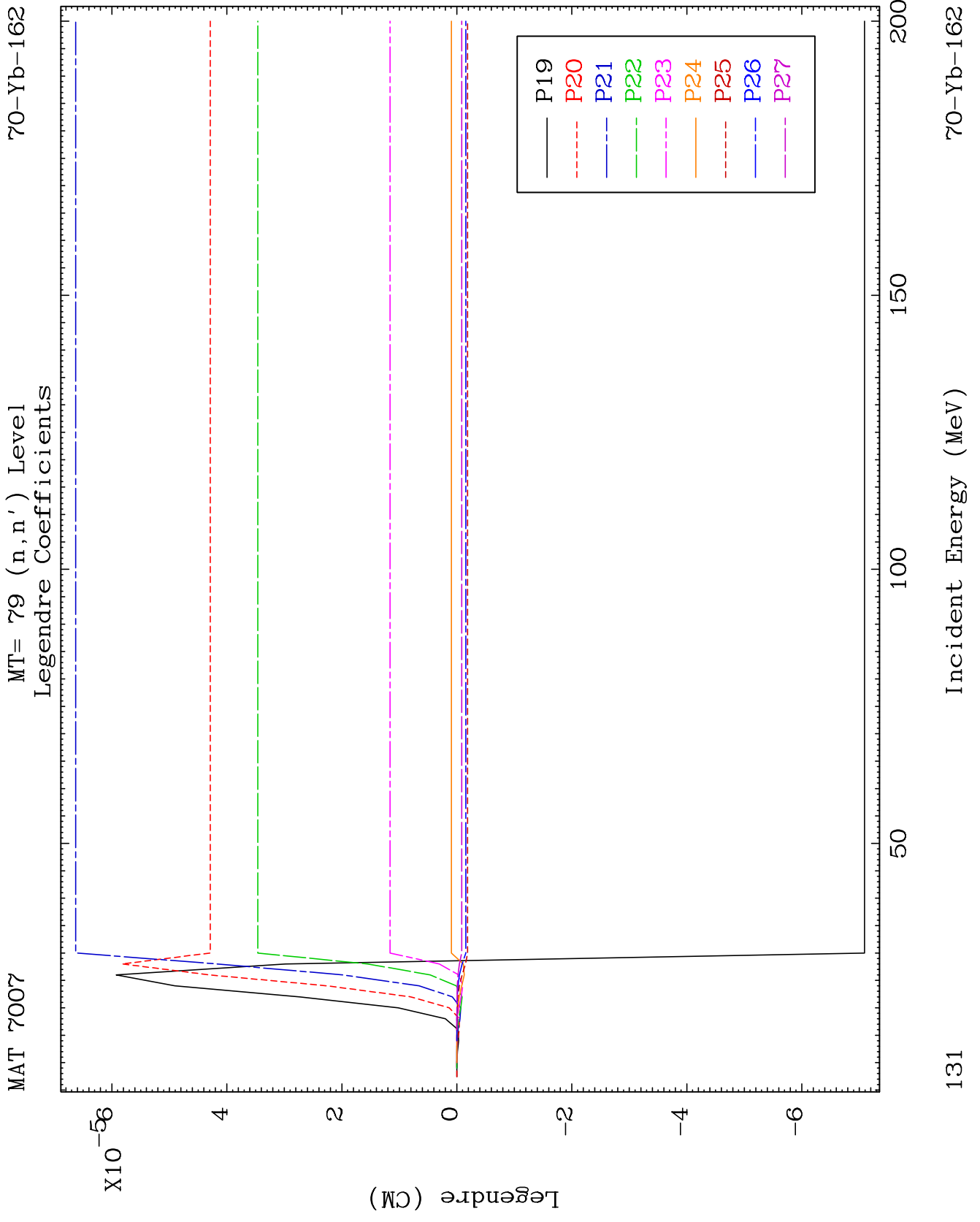
70-Yb-162

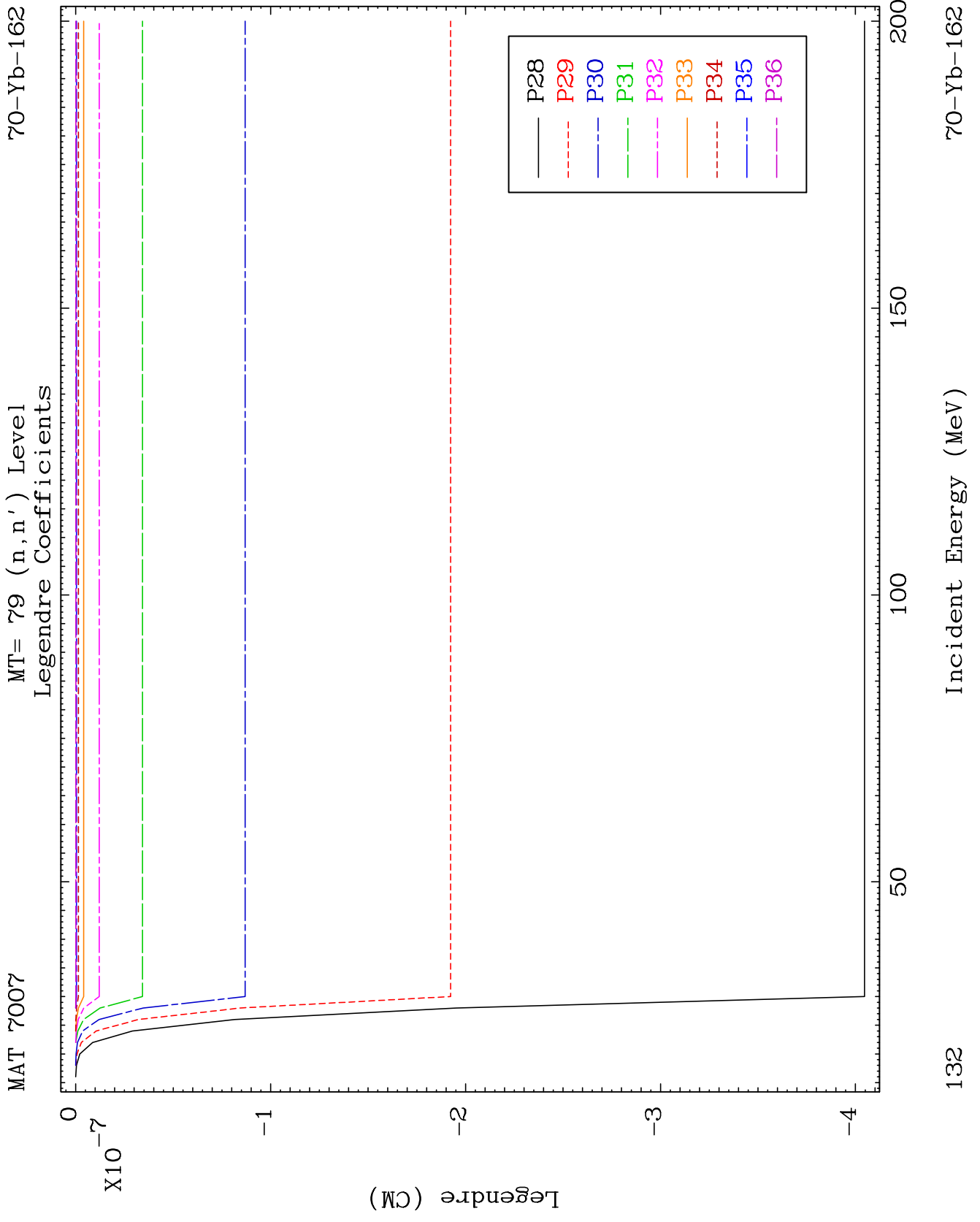


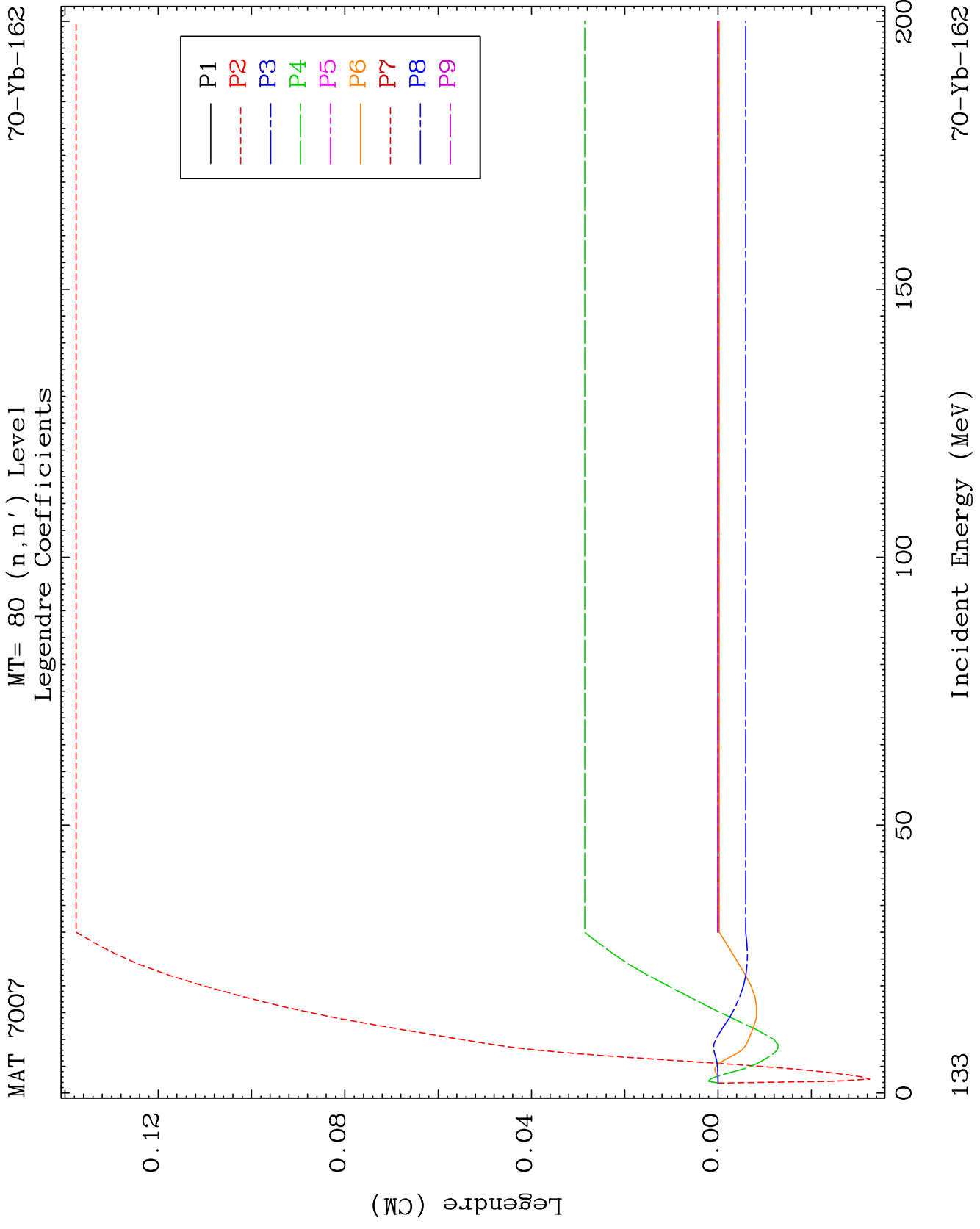
130

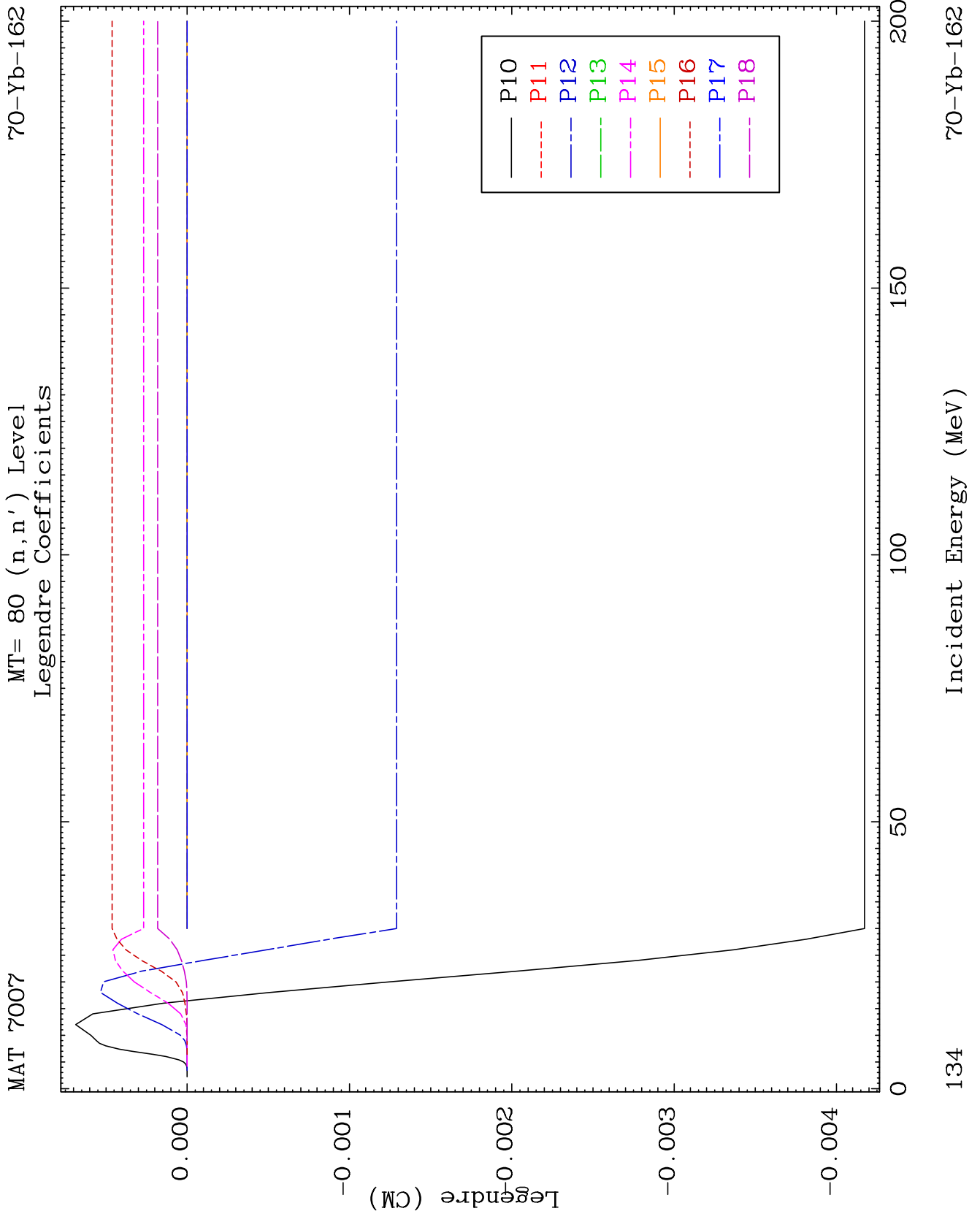
Incident Energy (MeV)

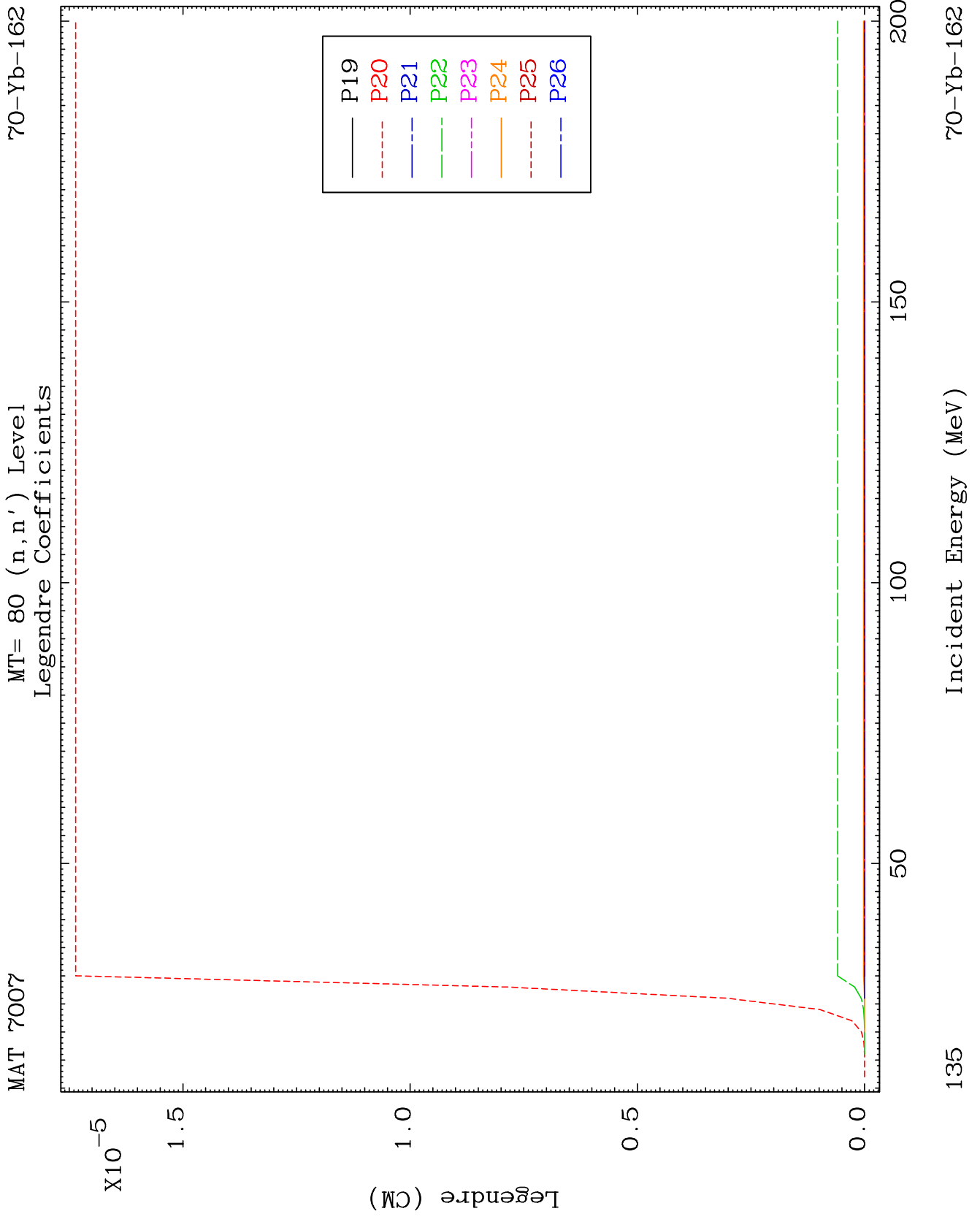
70-Yb-162



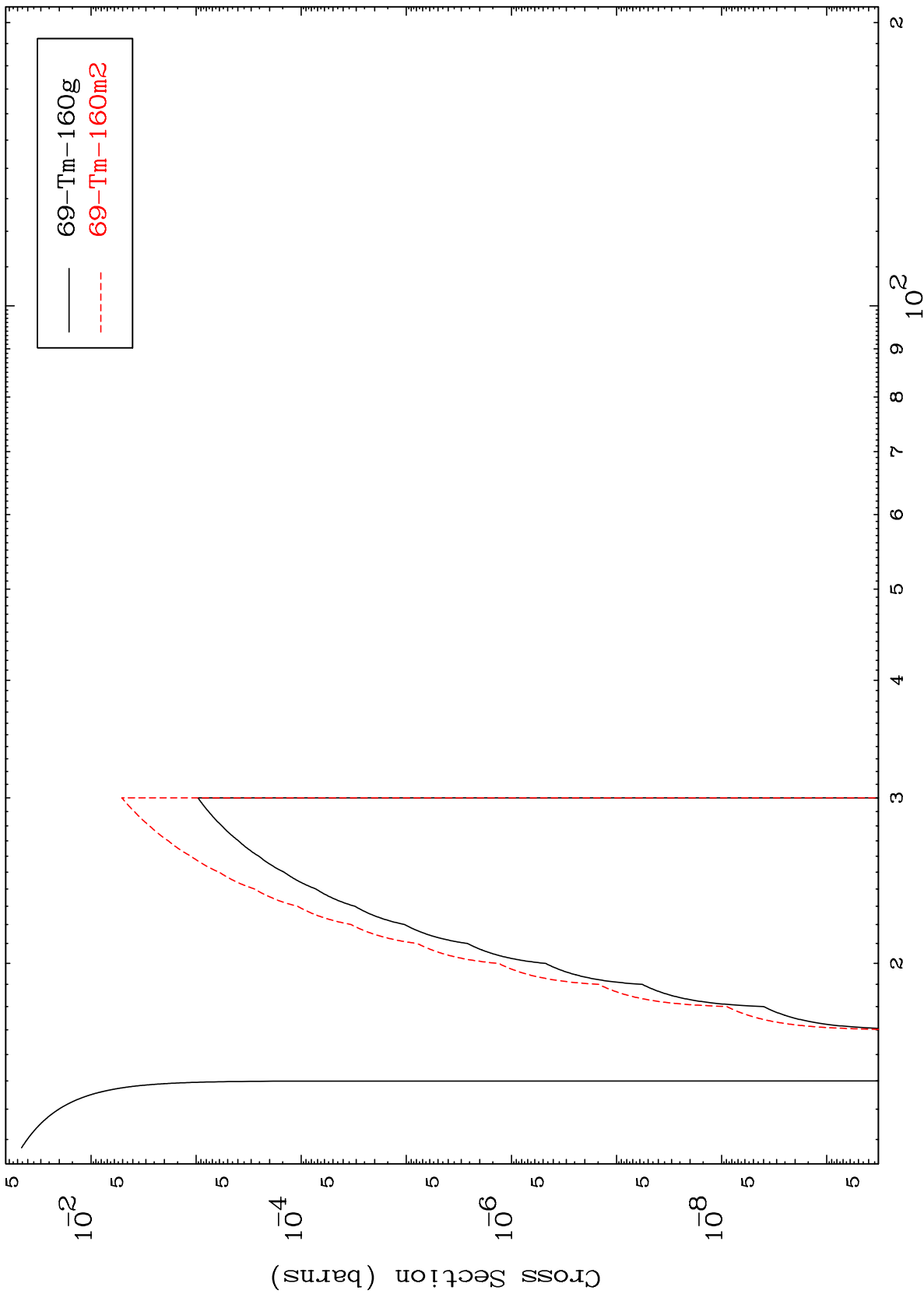








Radionuclide Production Cross Section

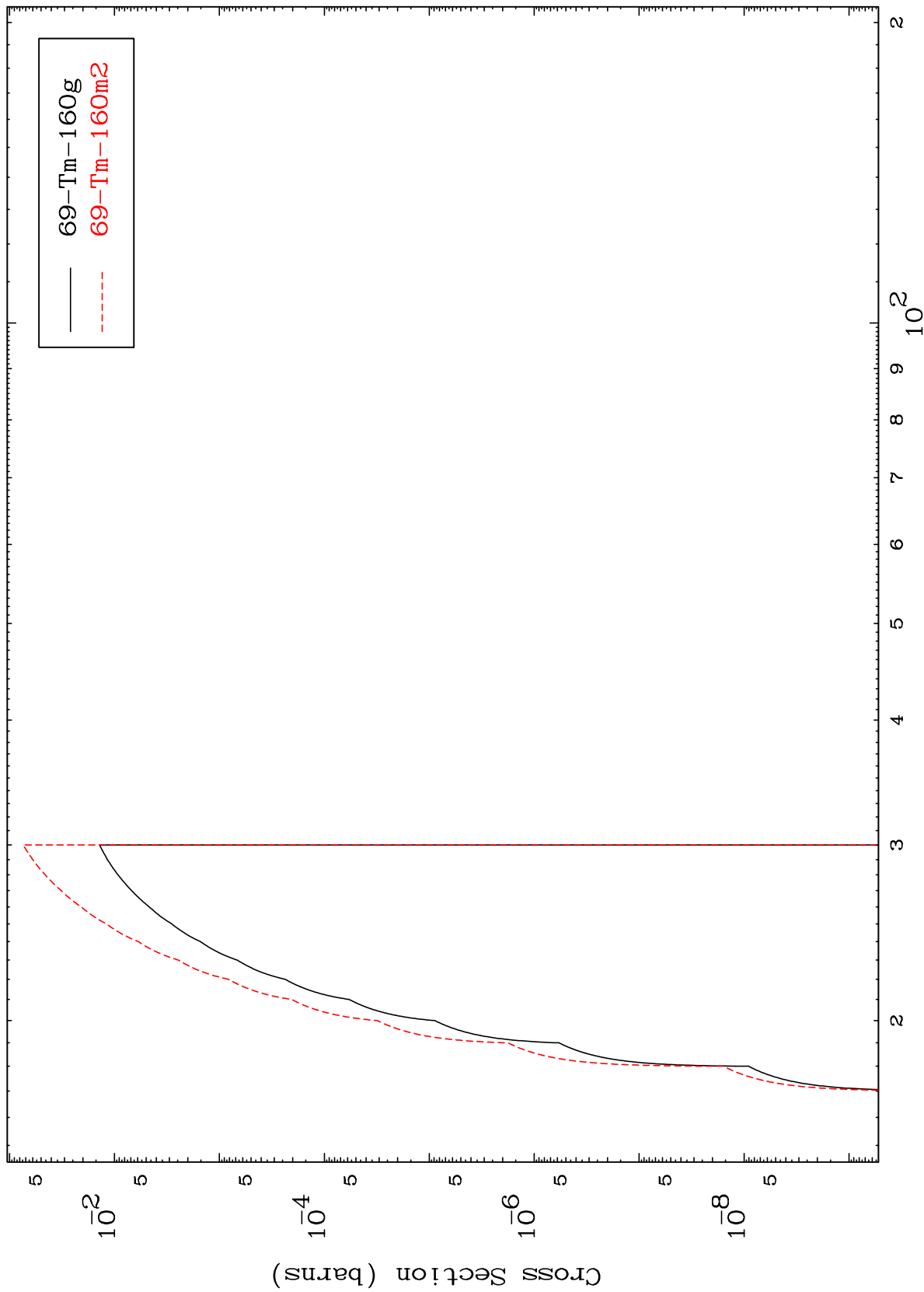


MAT 7007

(n,2n) p

70-Yb-162

Radionuclide Production Cross Section



137

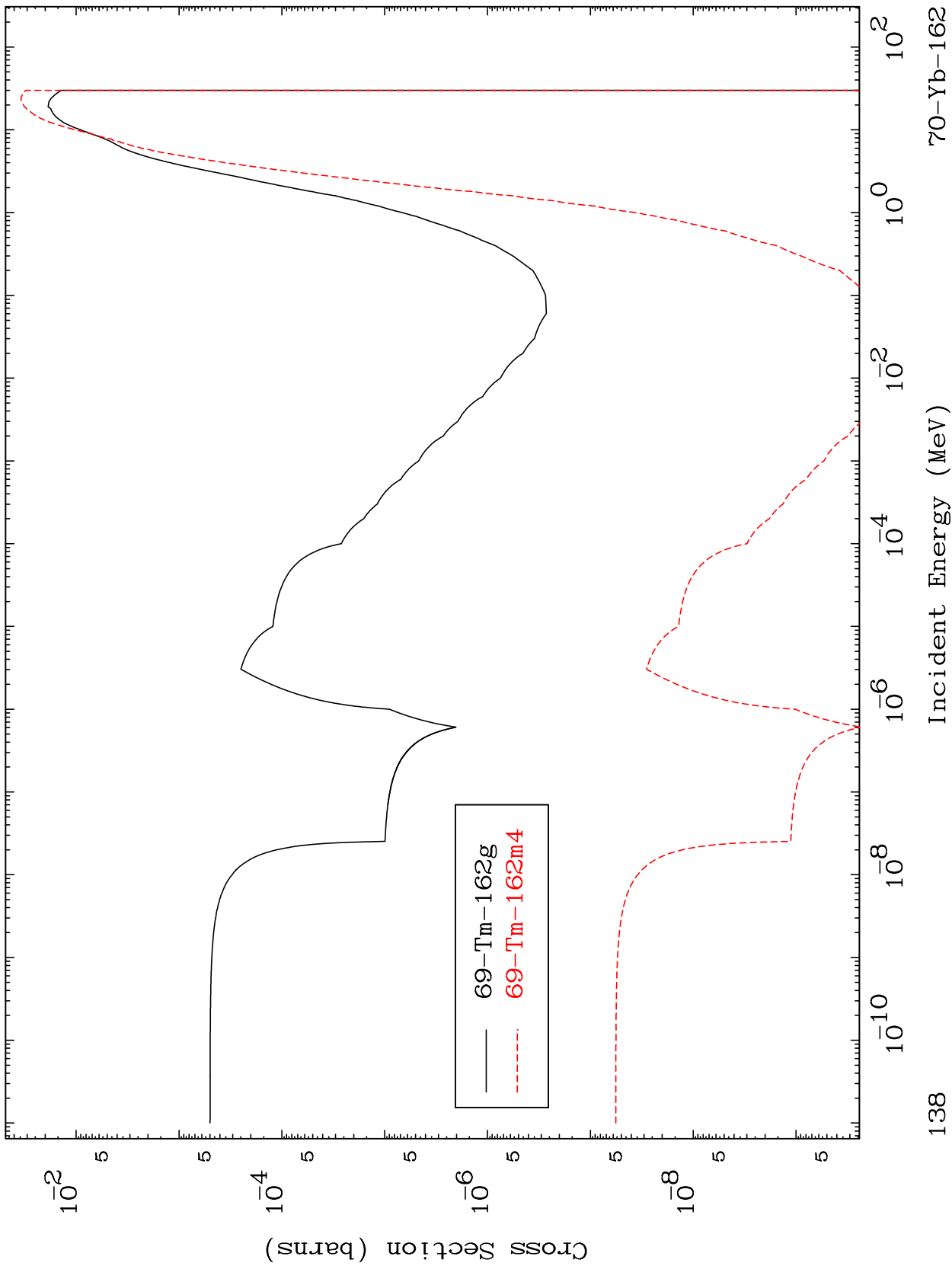
Incident Energy (MeV)

70-Yb-162

MAT 7007

(n,p)
Radionuclide Production Cross Section

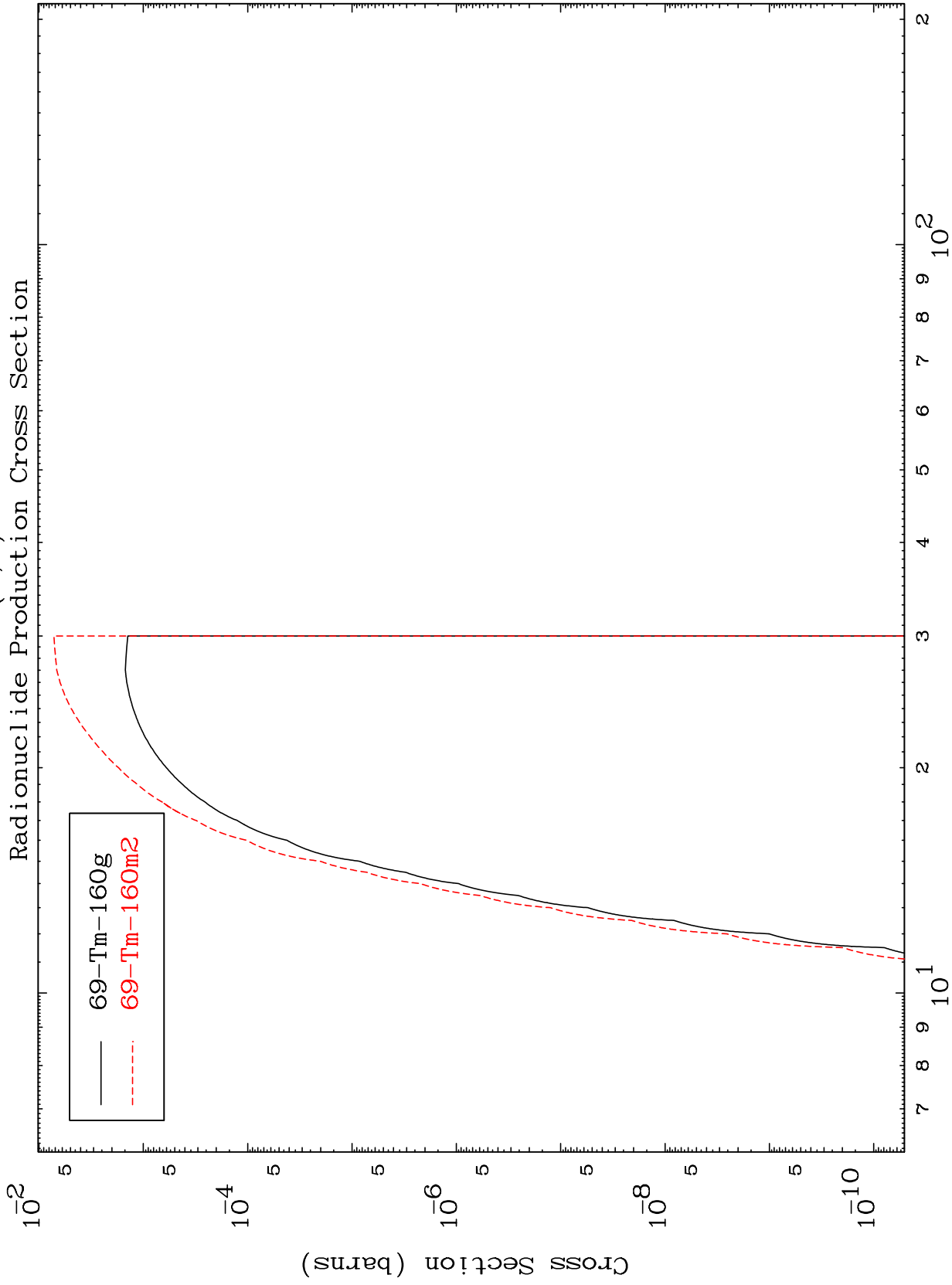
70-Yb-162



MAT 7007

70-Yb-162

(n, t)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

70-Yb-162

MAT 7007

(n,p) α

70-Yb-162

Radionuclide Production Cross Section

