

Program EVALPLOT
(Version 2021-1)

by

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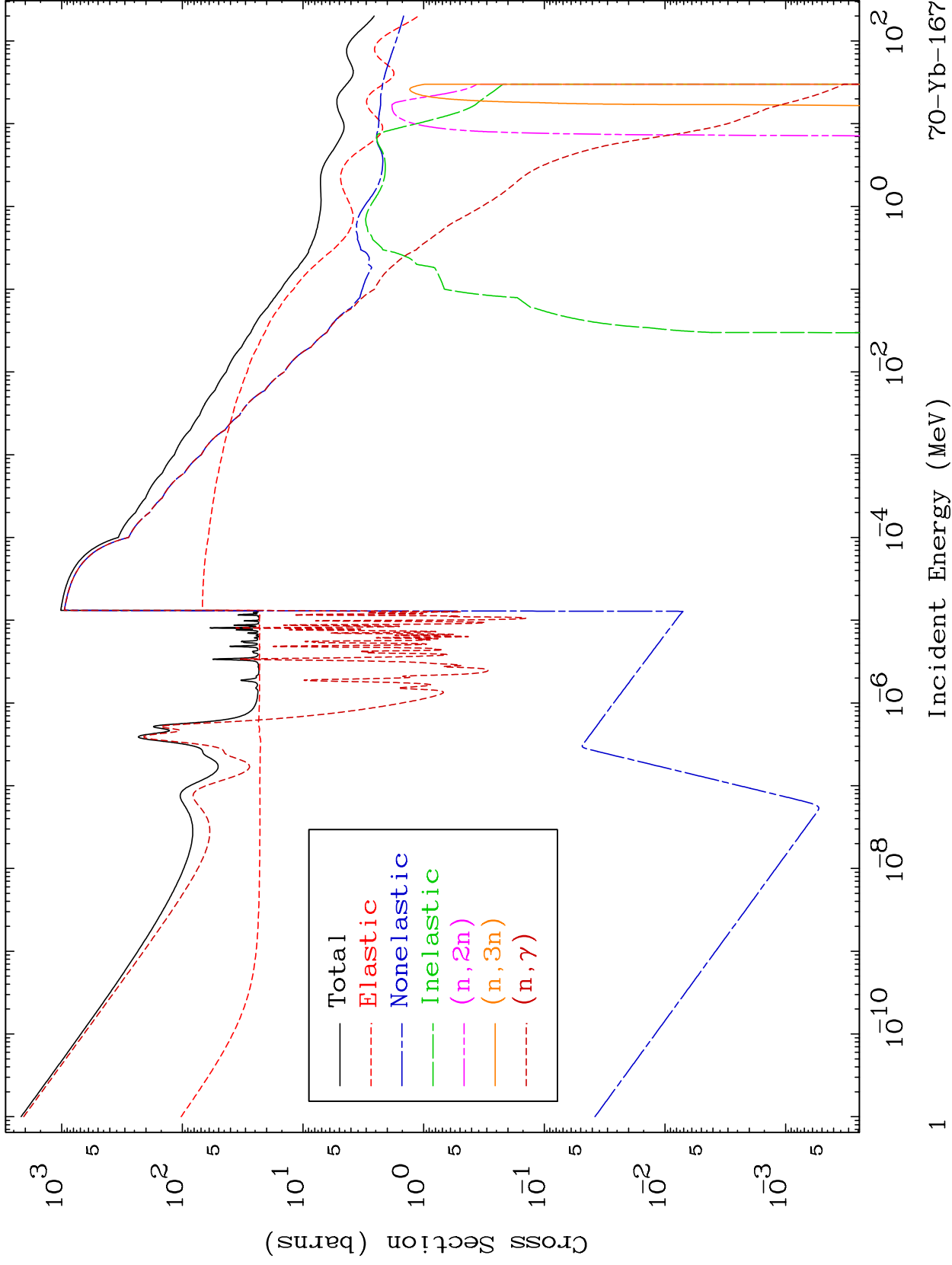
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7022

Neutron Major
293 Kelvin Cross Sections

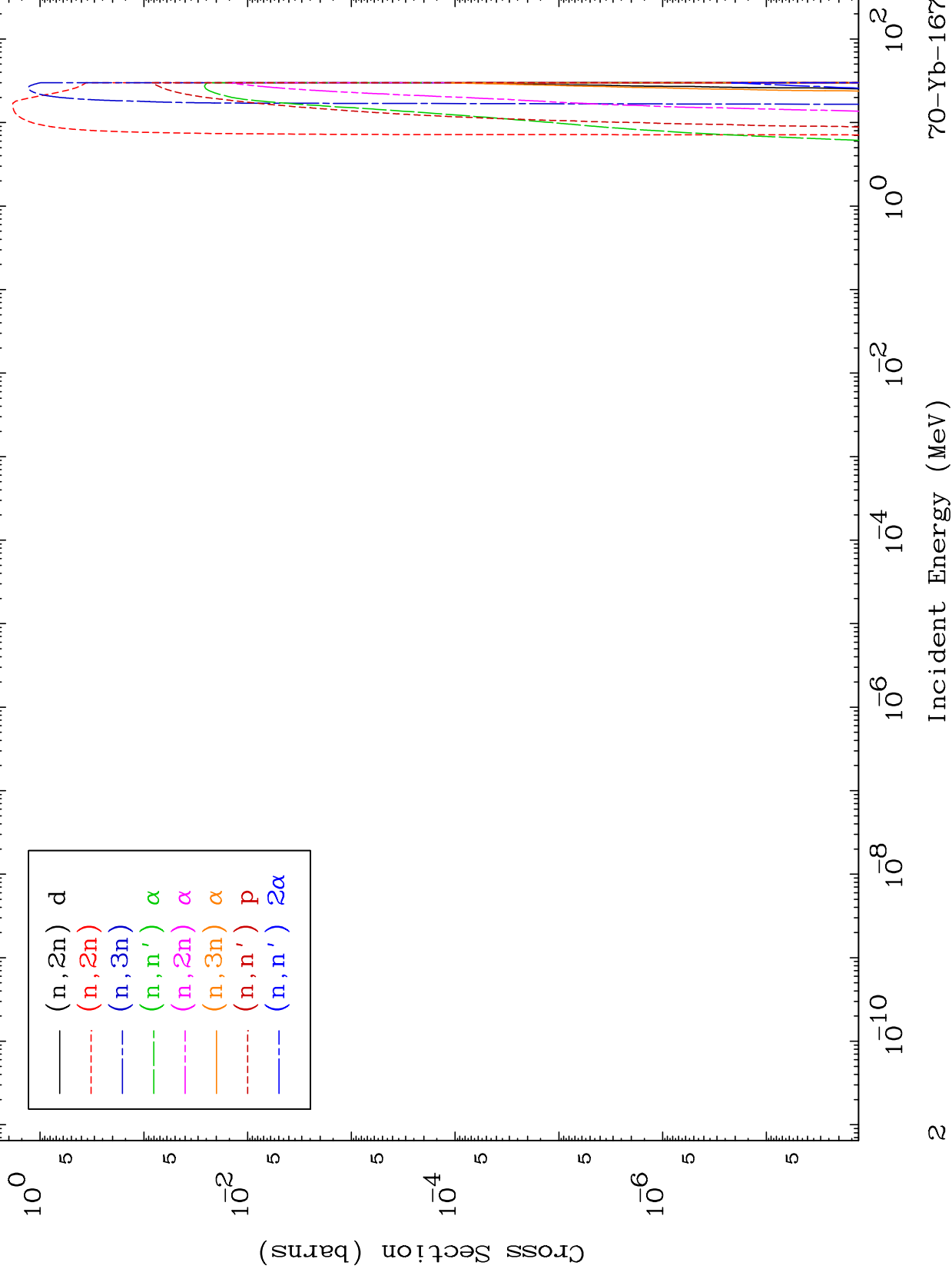
70-Yb-167

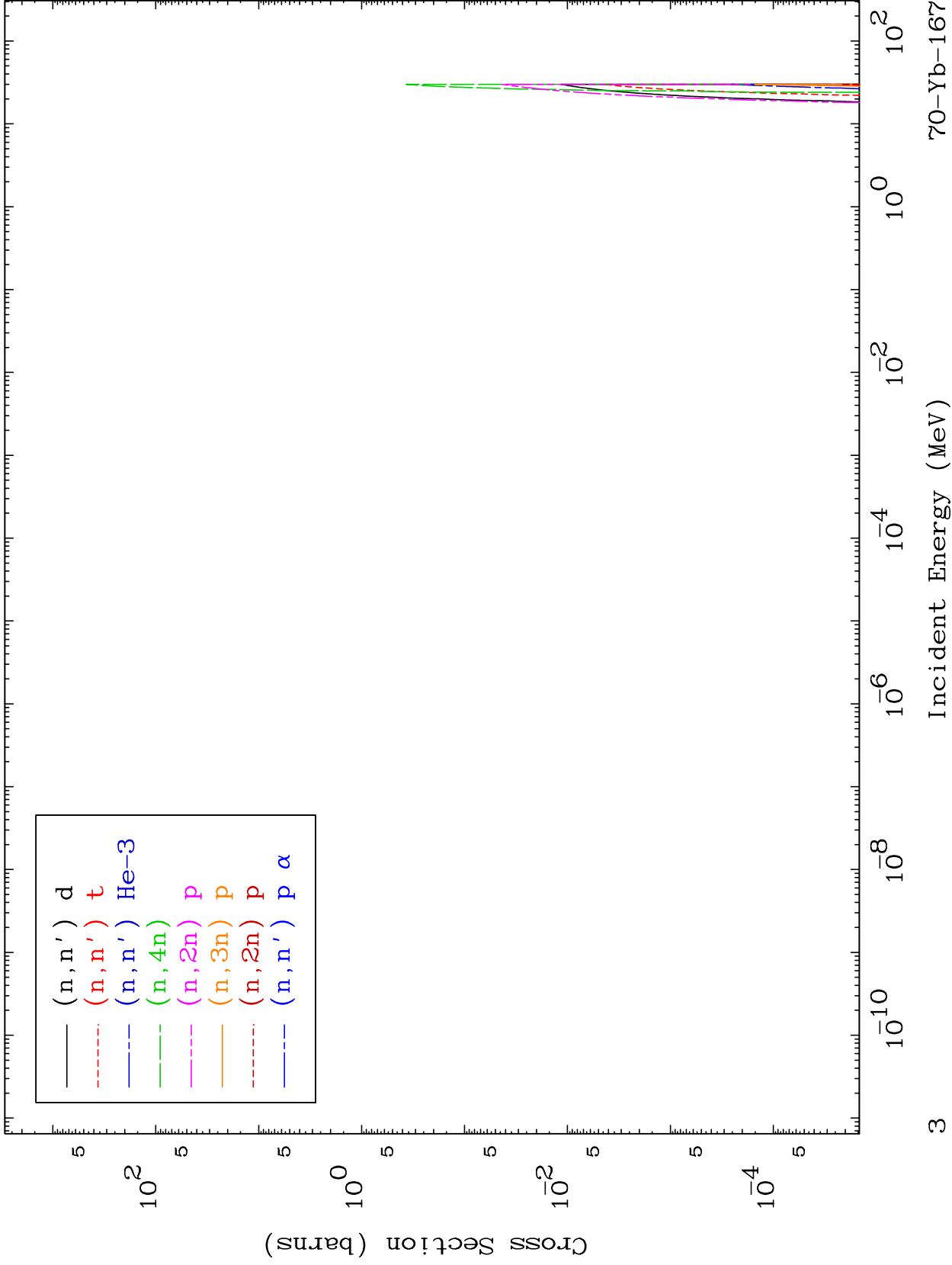


MAT 7022

Neutron Absorption
293 Kelvin Cross Sections

70-Yb-167

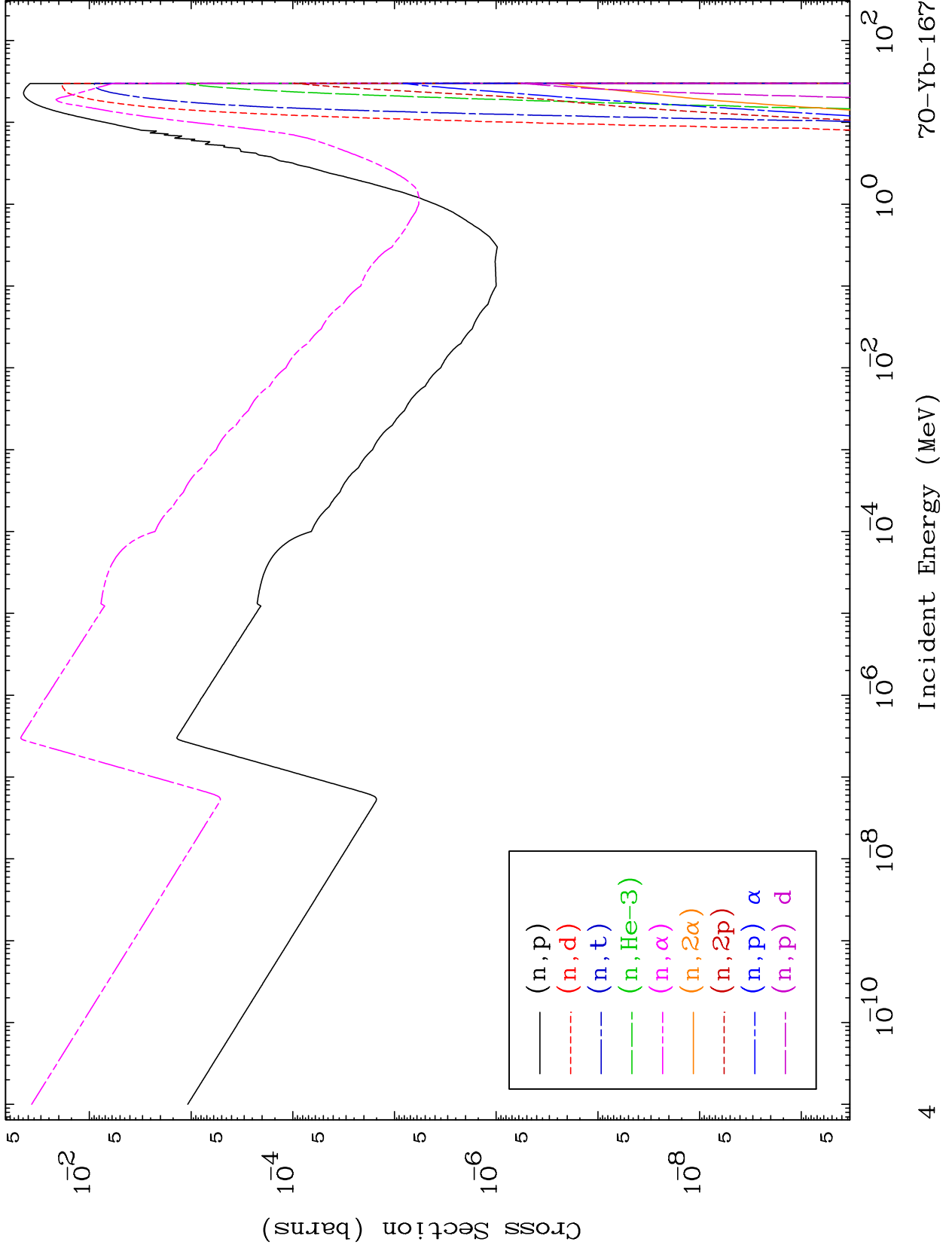


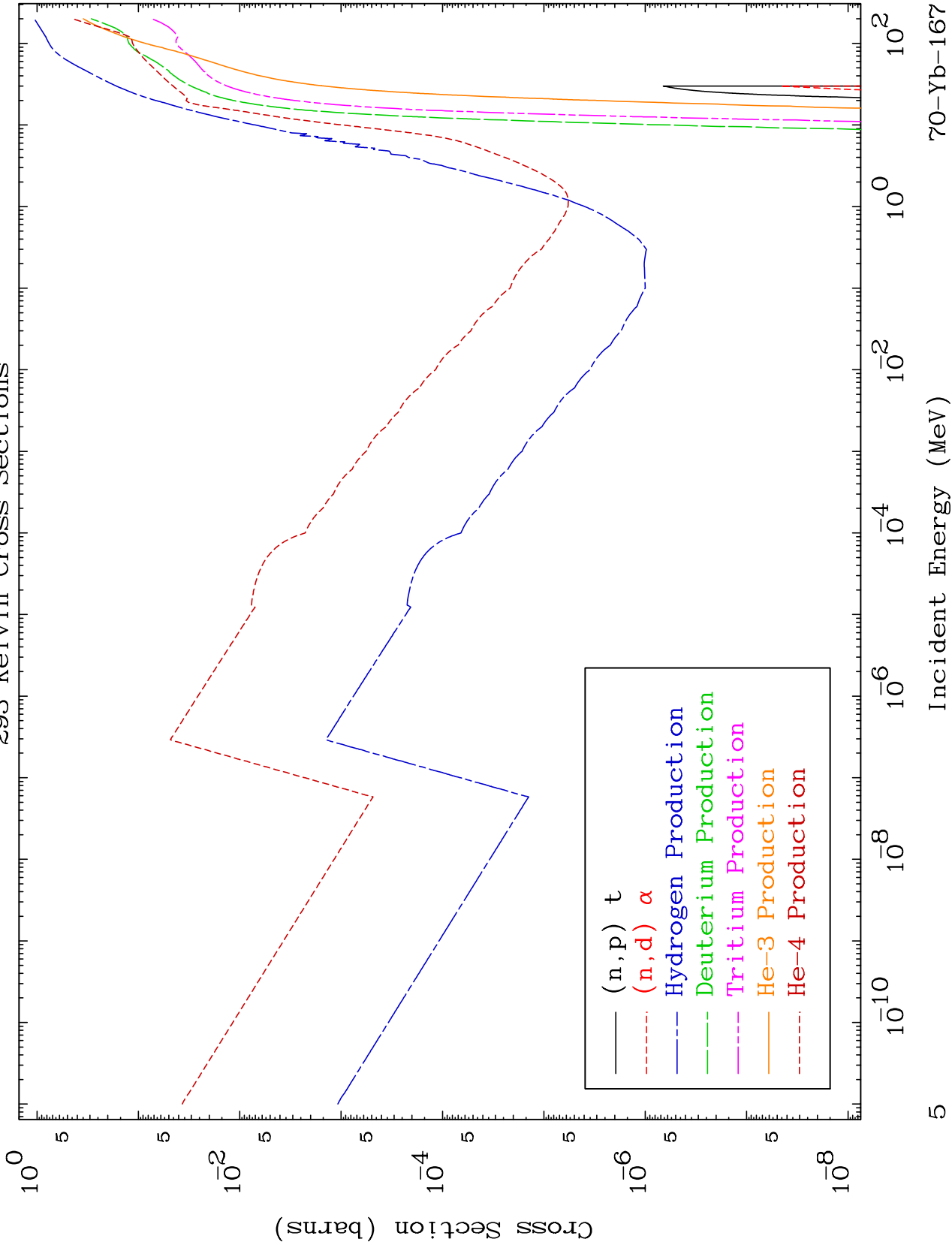


MAT 7022

Neutron Absorption
293 Kelvin Cross Sections

70-Yb-167

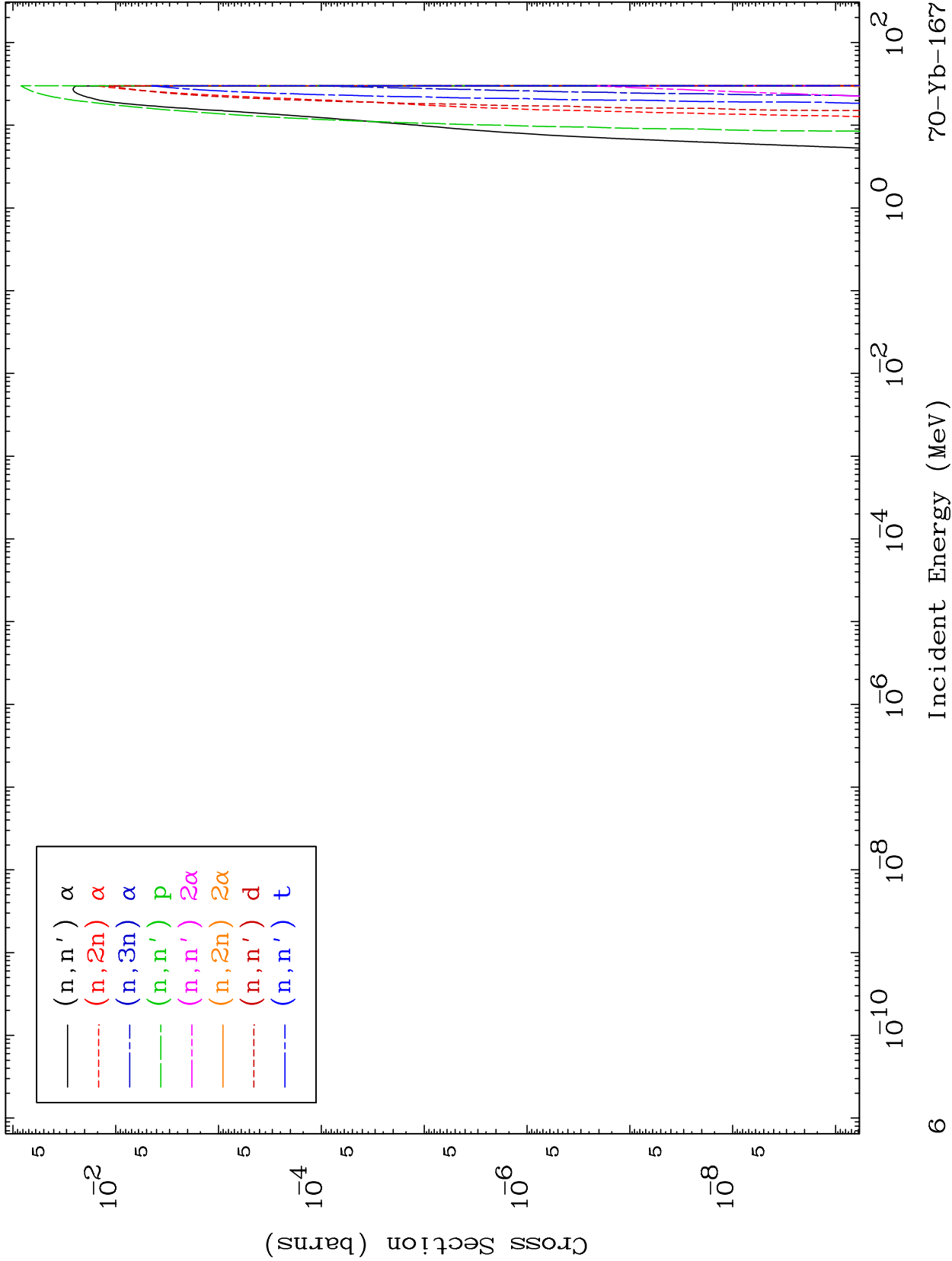




MAT 7022

Charged Particle
293 Kelvin Cross Sections

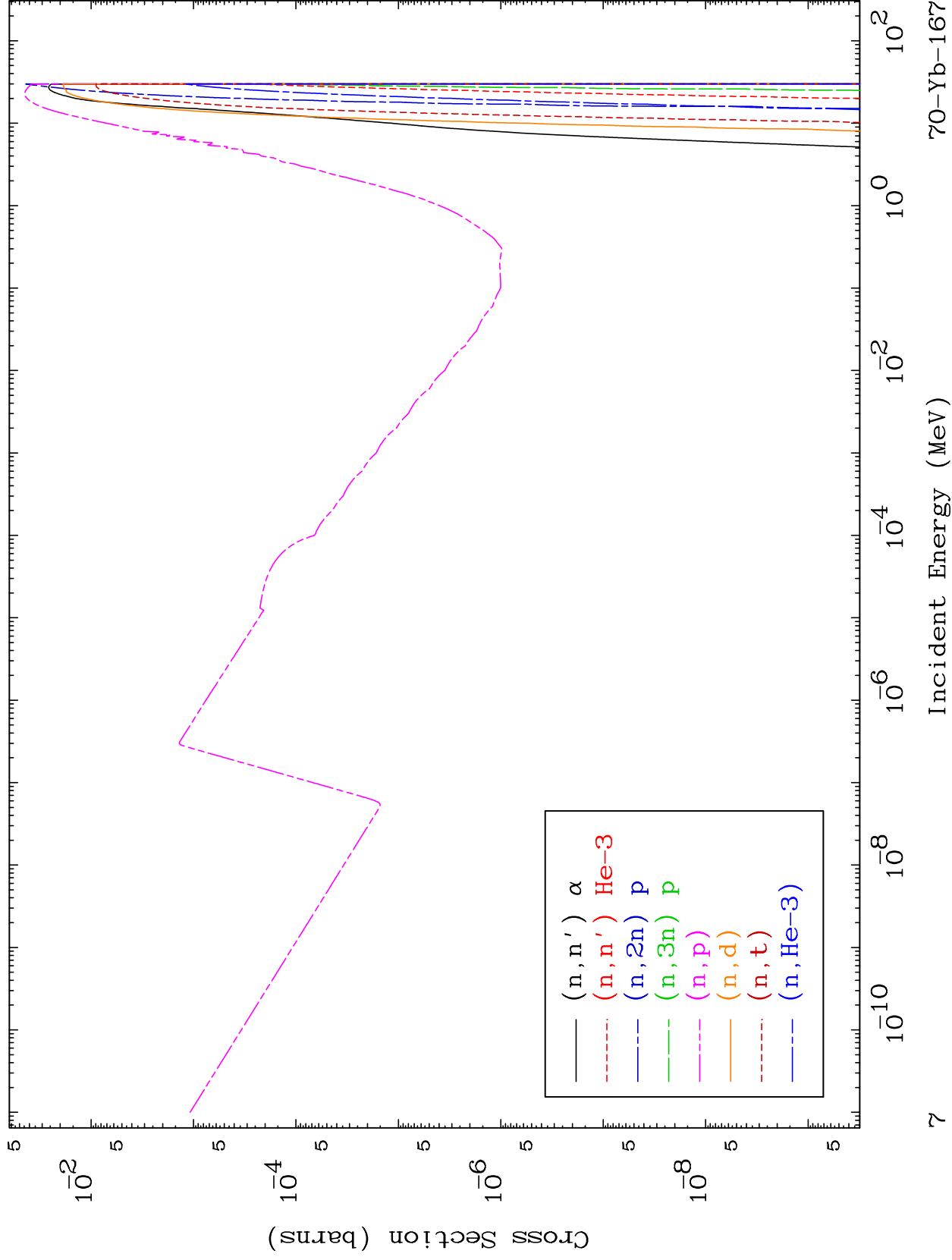
70-Yb-167



MAT 7022

Charged Particle
293 Kelvin Cross Sections

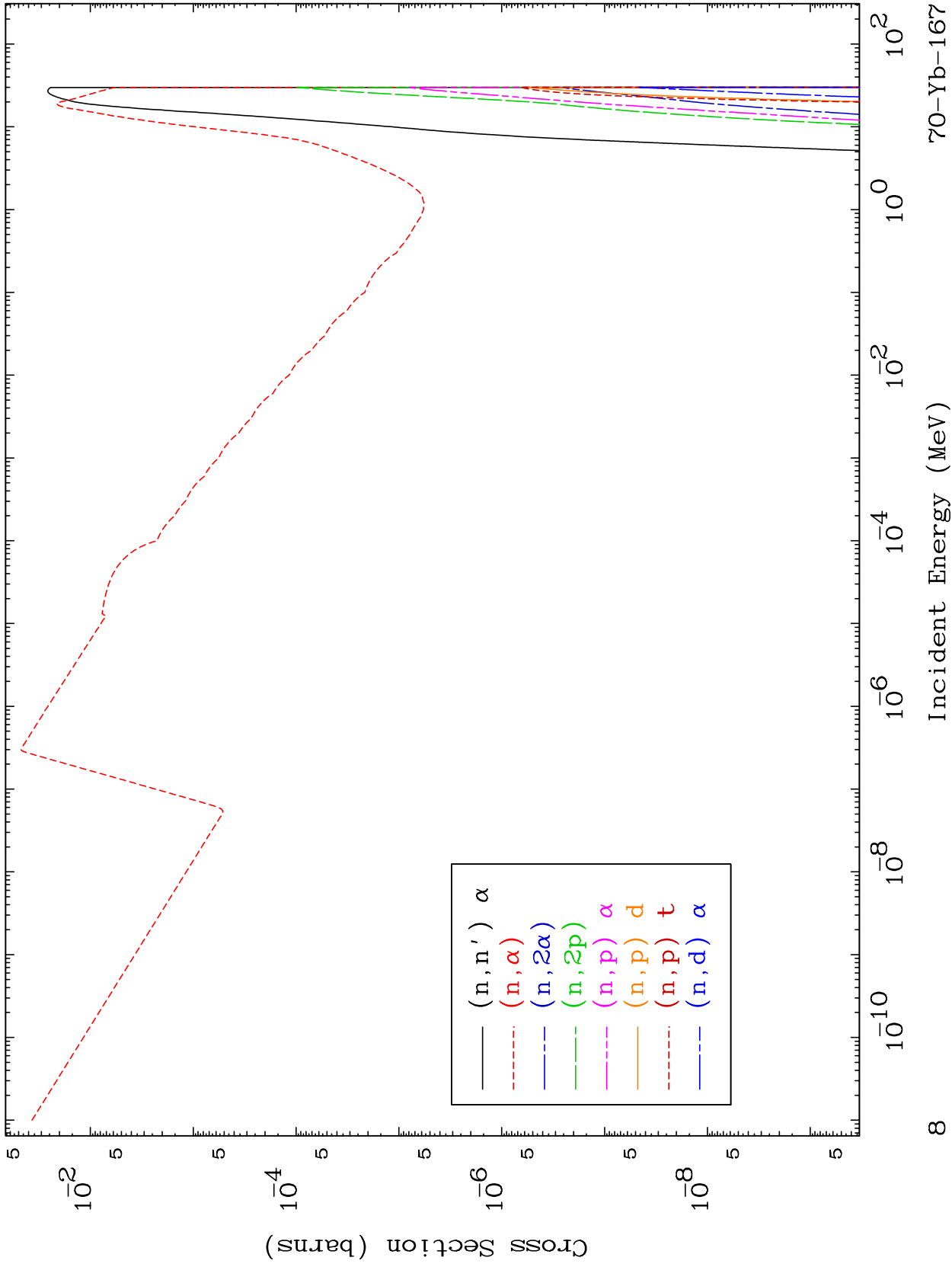
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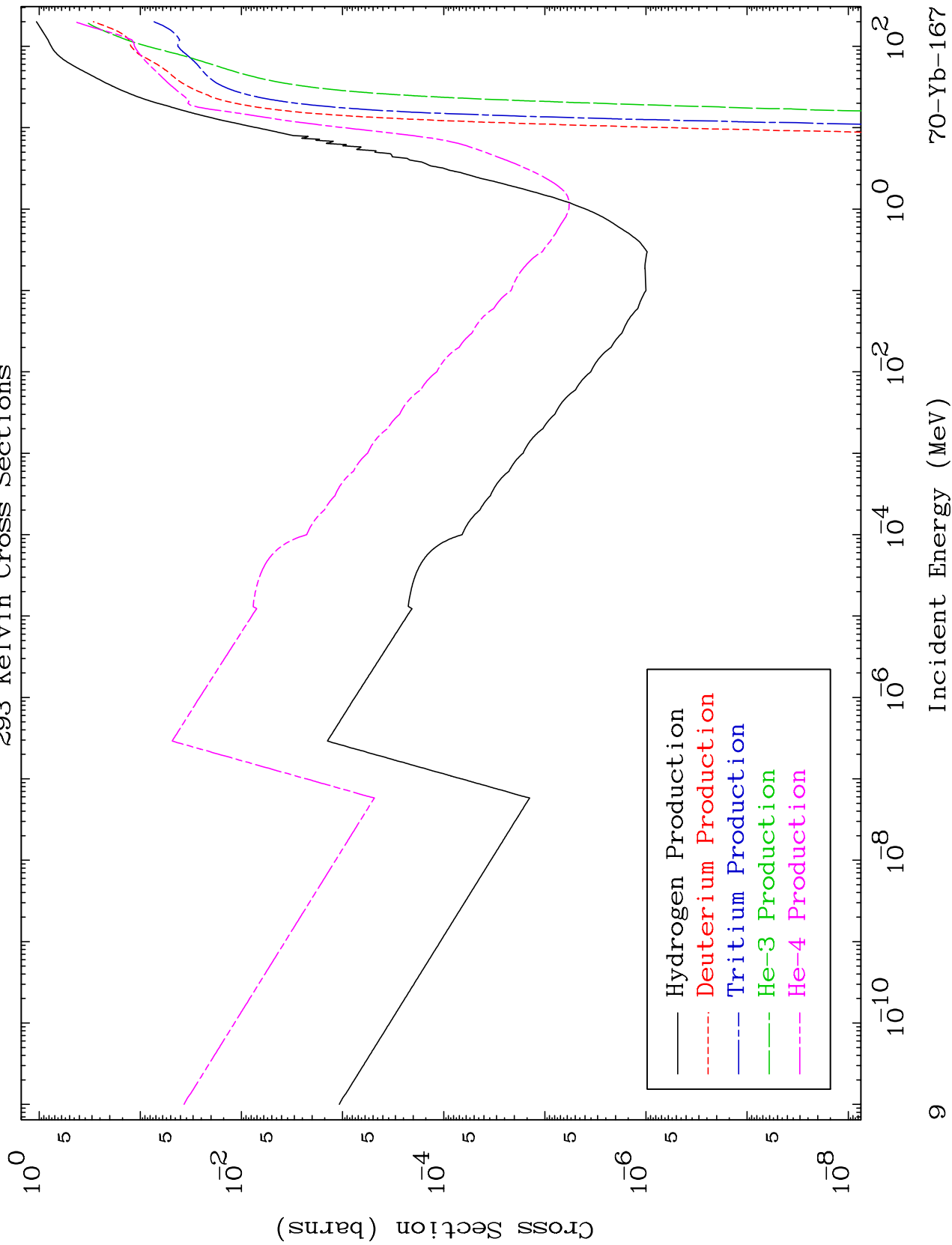


MAT 7022

Charged Particle
293 Kelvin Cross Sections

70-Yb-167



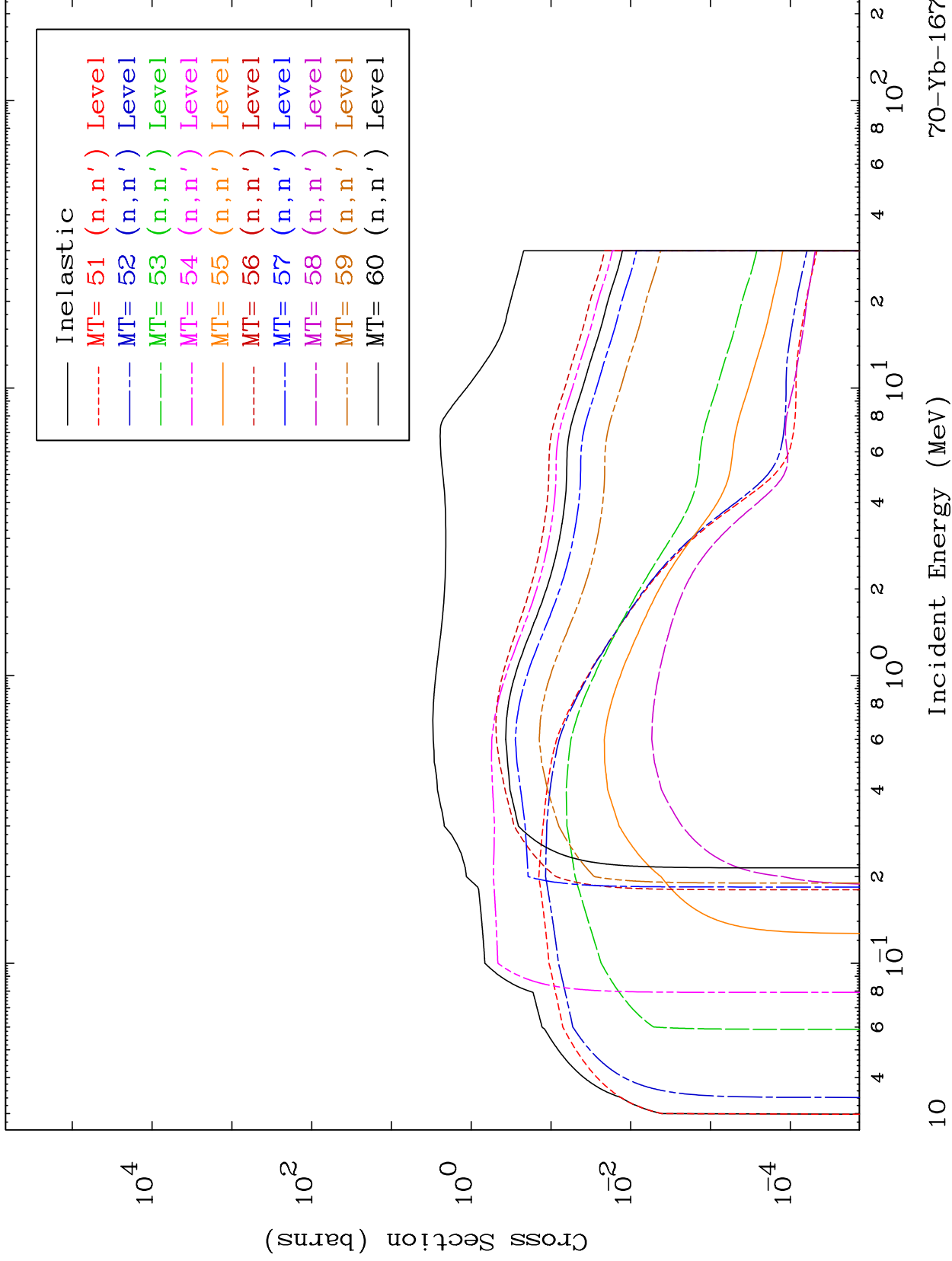


MAT 7022

(n,n') Levels

70-Yb-167

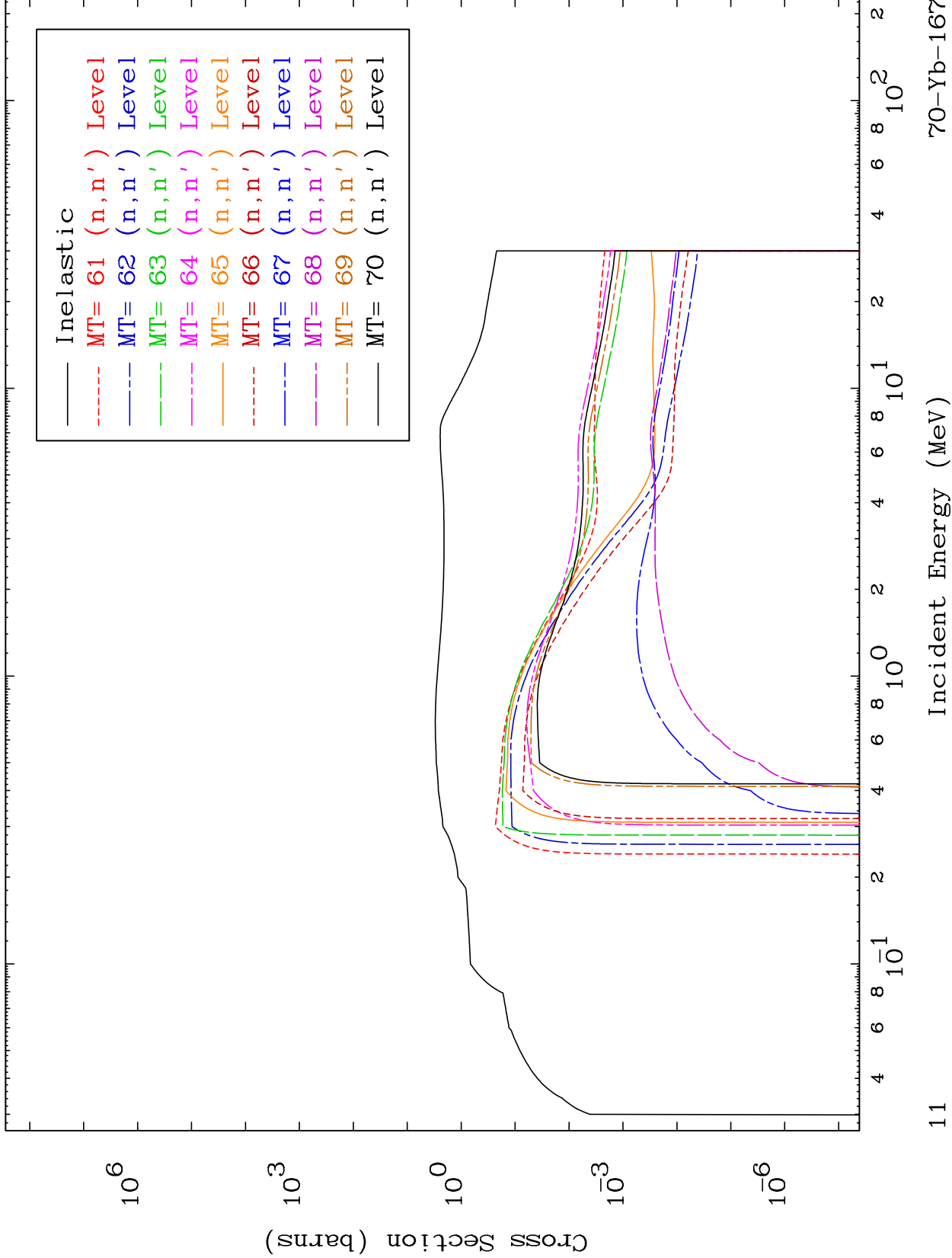
293 Kelvin Cross Sections

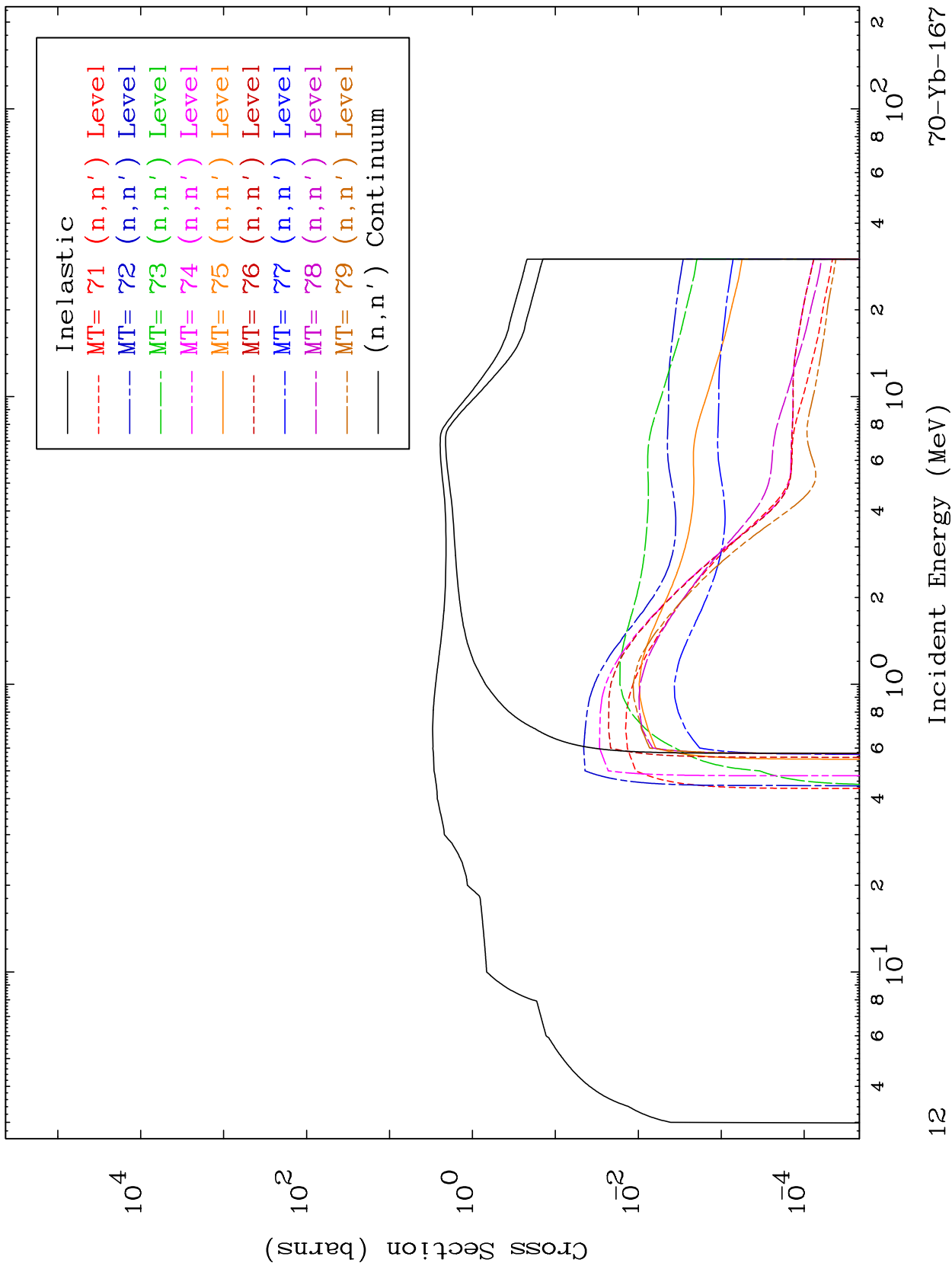


10

Incident Energy (MeV)

70-Yb-167

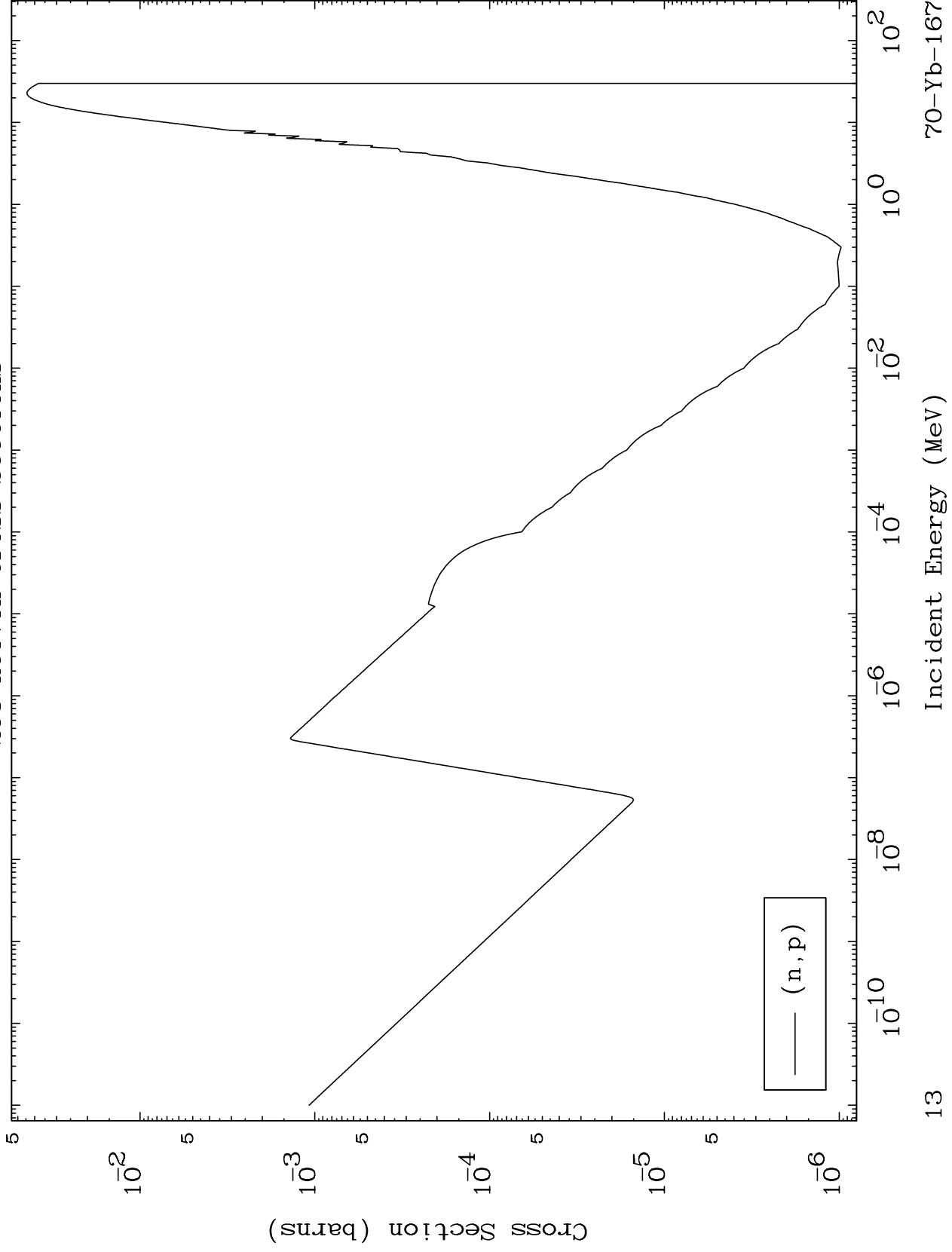




MAT 7022

(n,p) Levels
293 Kelvin Cross Sections

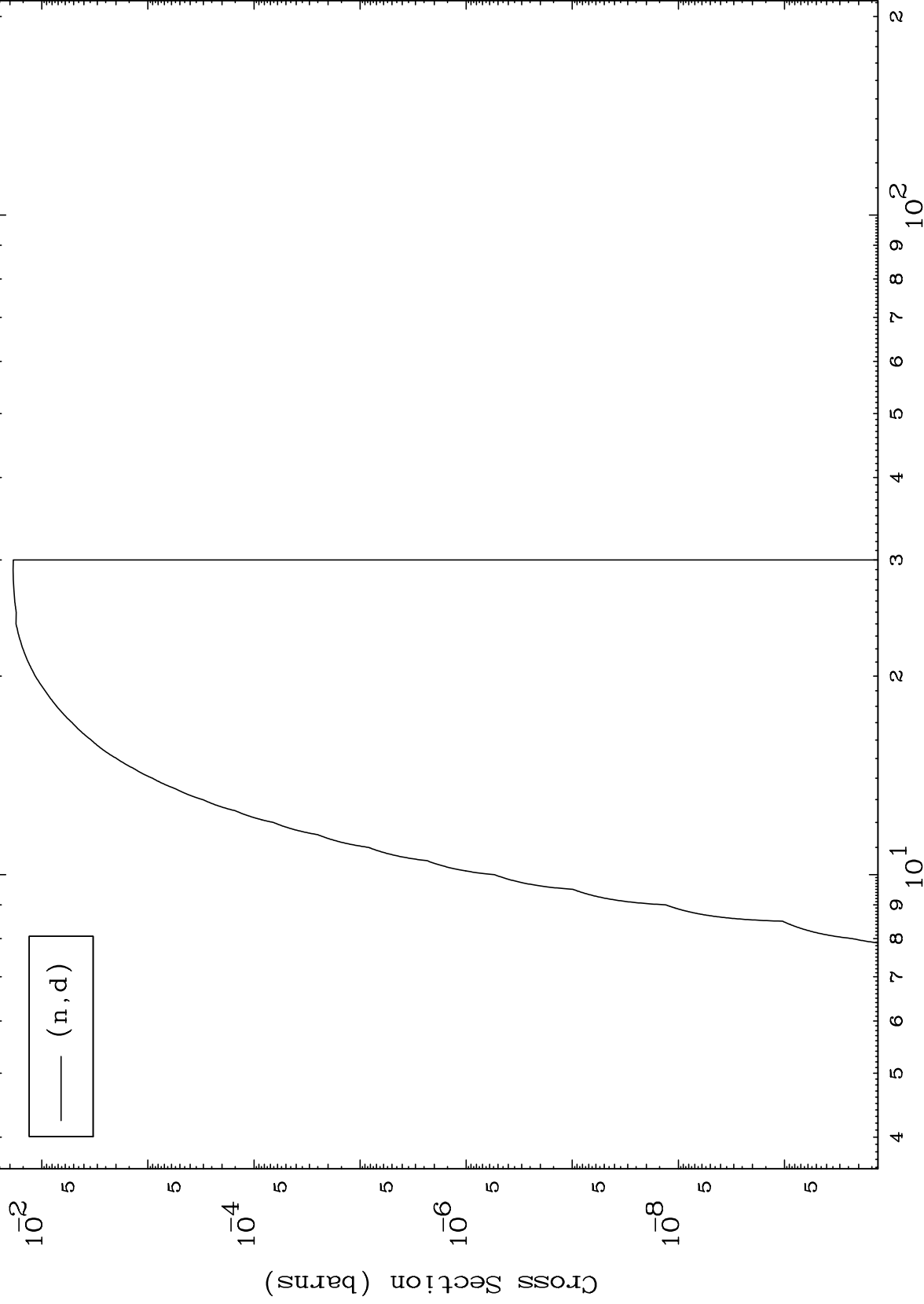
70-Yb-167



MAT 7022

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-167



14

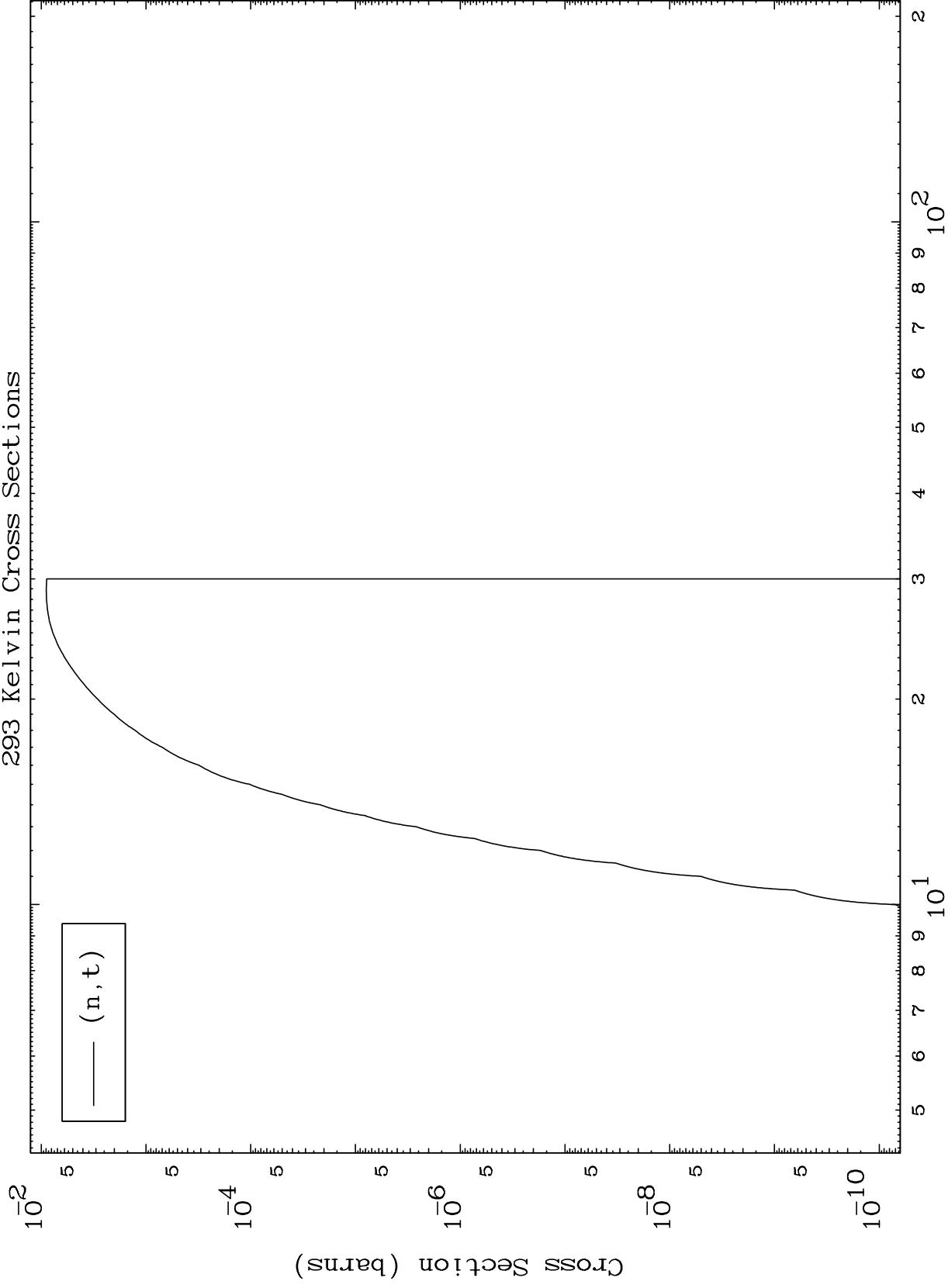
Incident Energy (MeV)

70-Yb-167

MAT 7022

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-167



15

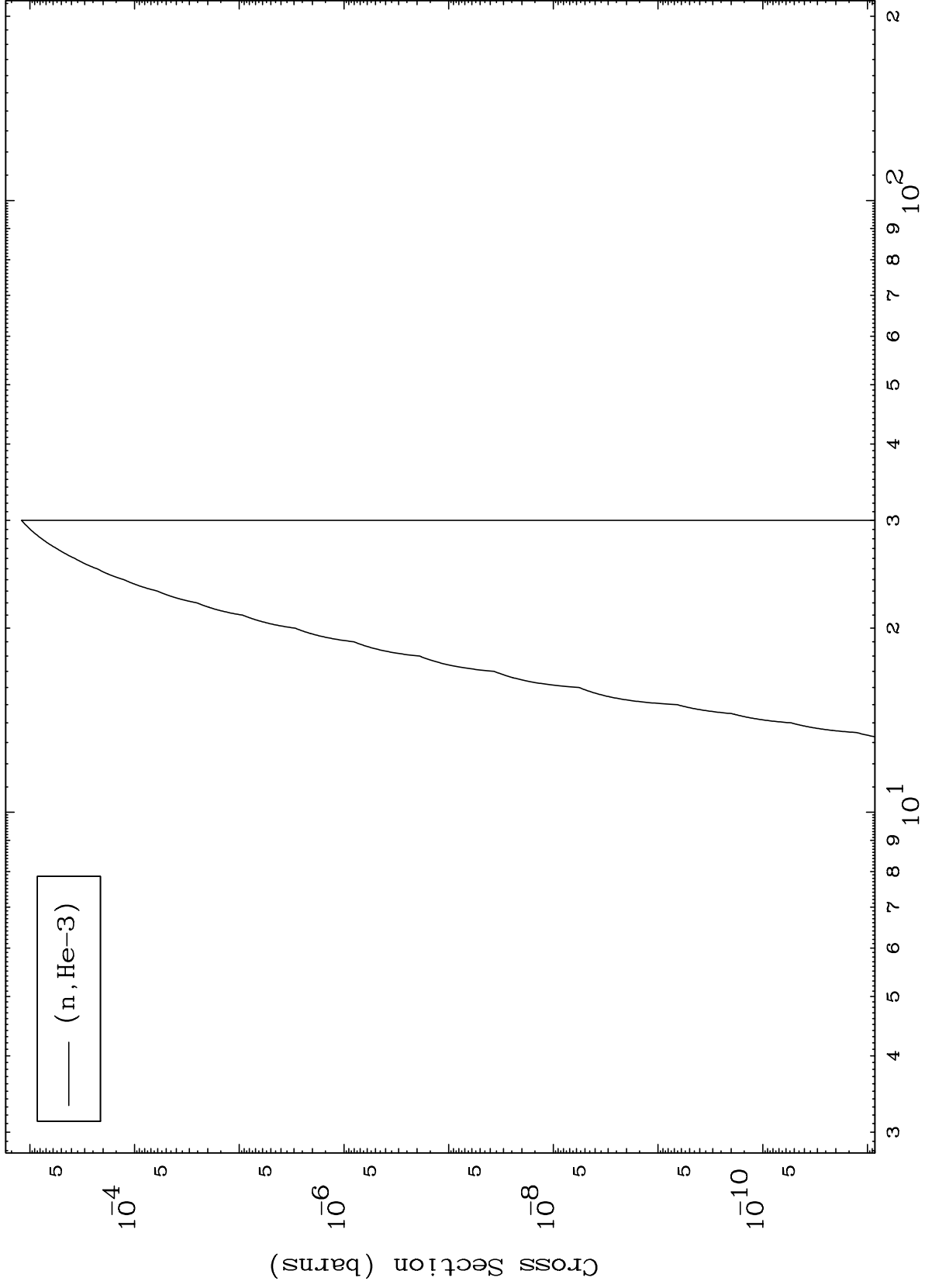
Incident Energy (MeV)

70-Yb-167

MAT 7022

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-167



16

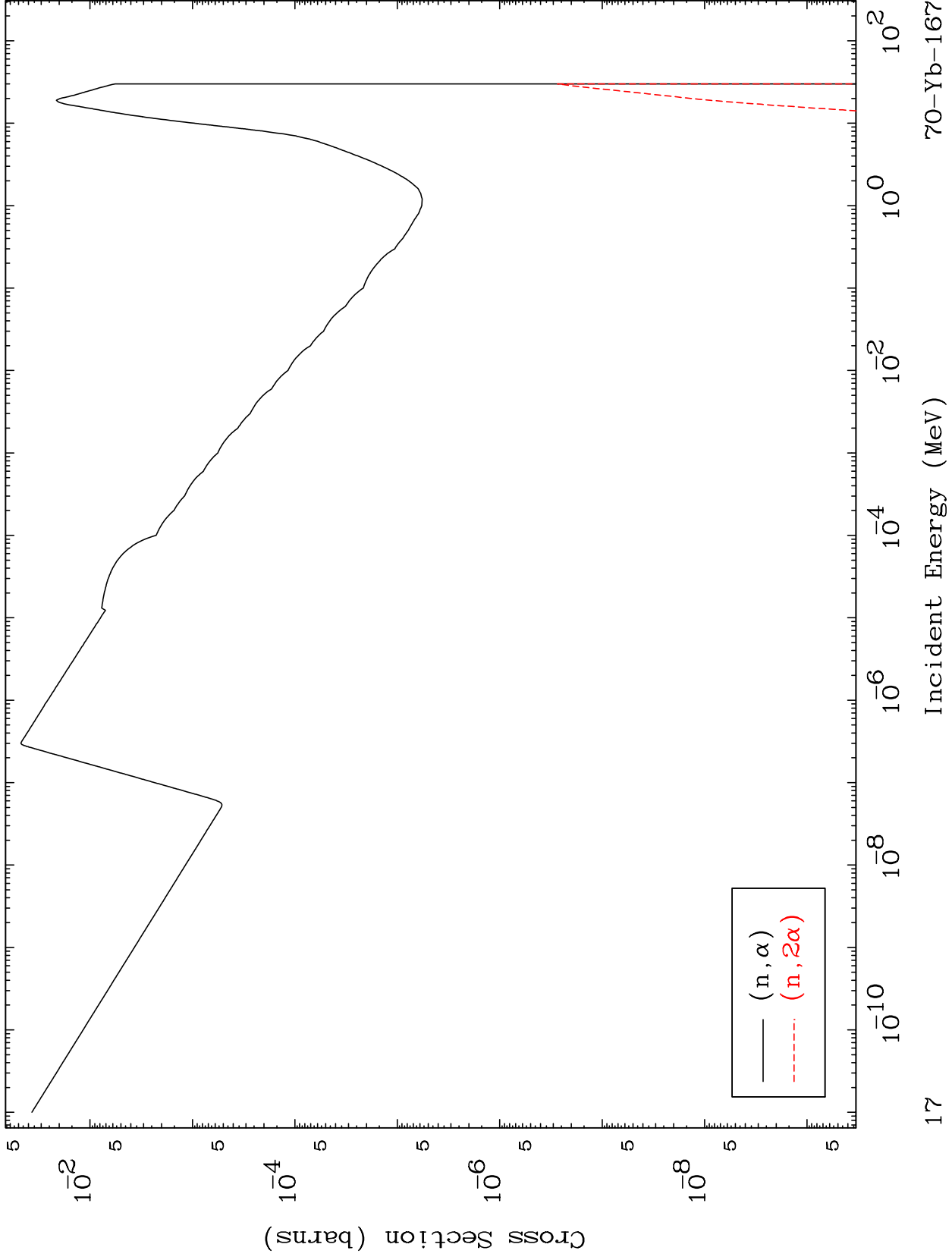
Incident Energy (MeV)

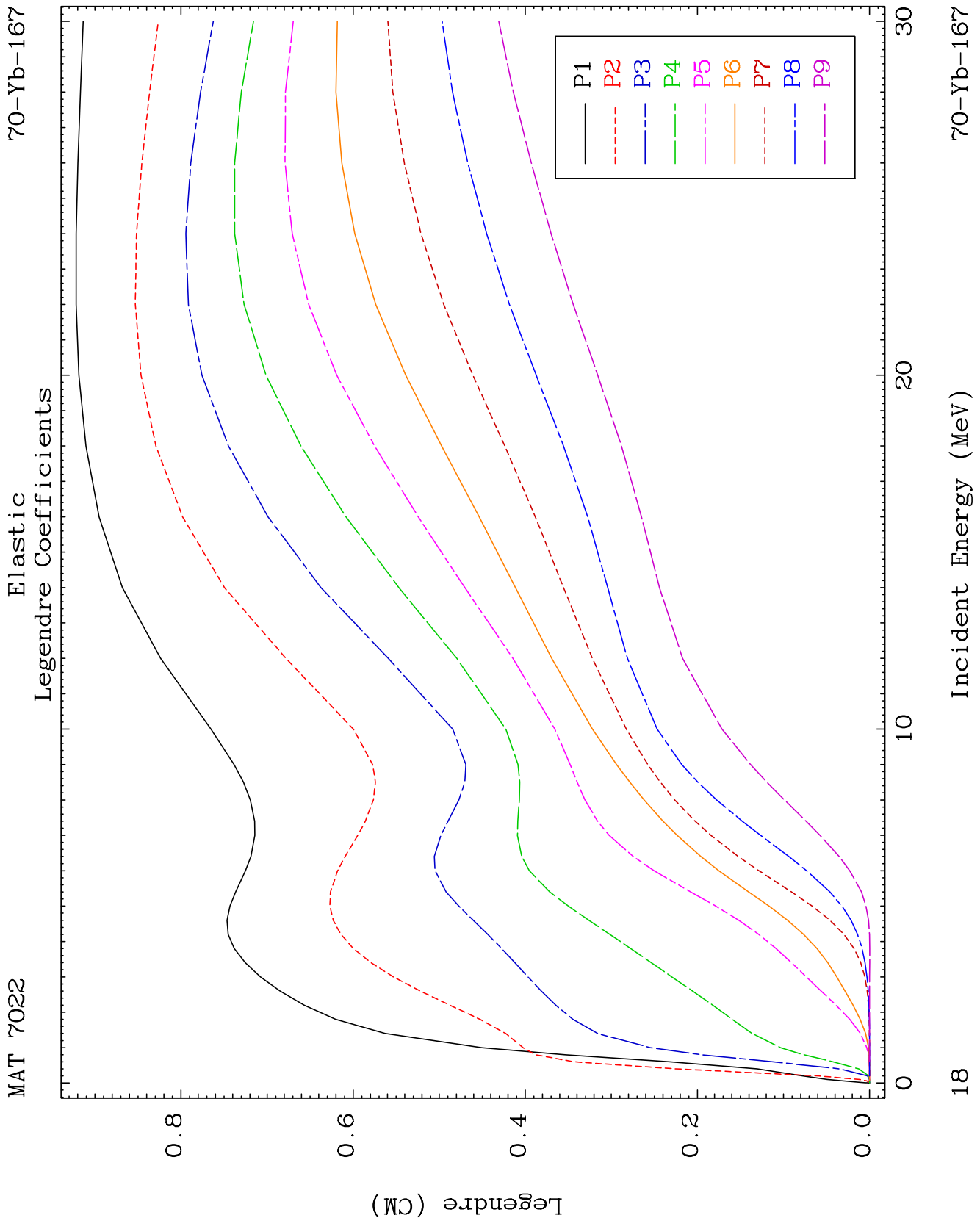
70-Yb-167

MAT 7022

(n,α) Levels
293 Kelvin Cross Sections

70-Yb-167

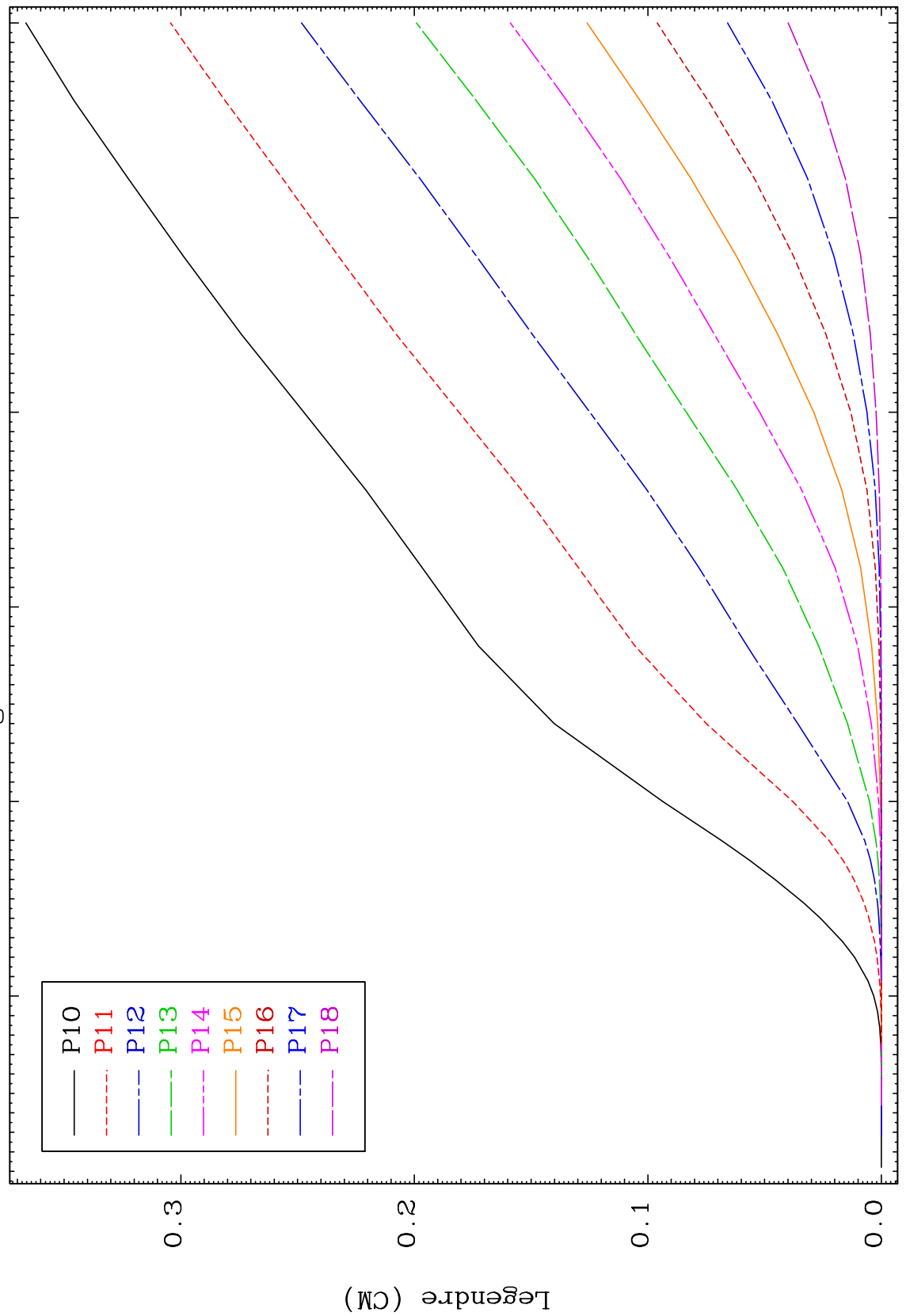




MAT 7022

Elastic Legendre Coefficients

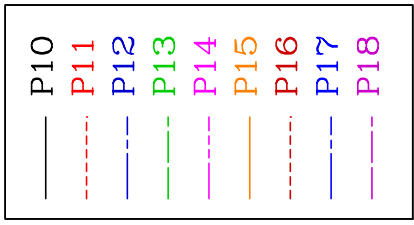
70-Yb-167



19

70-Yb-167

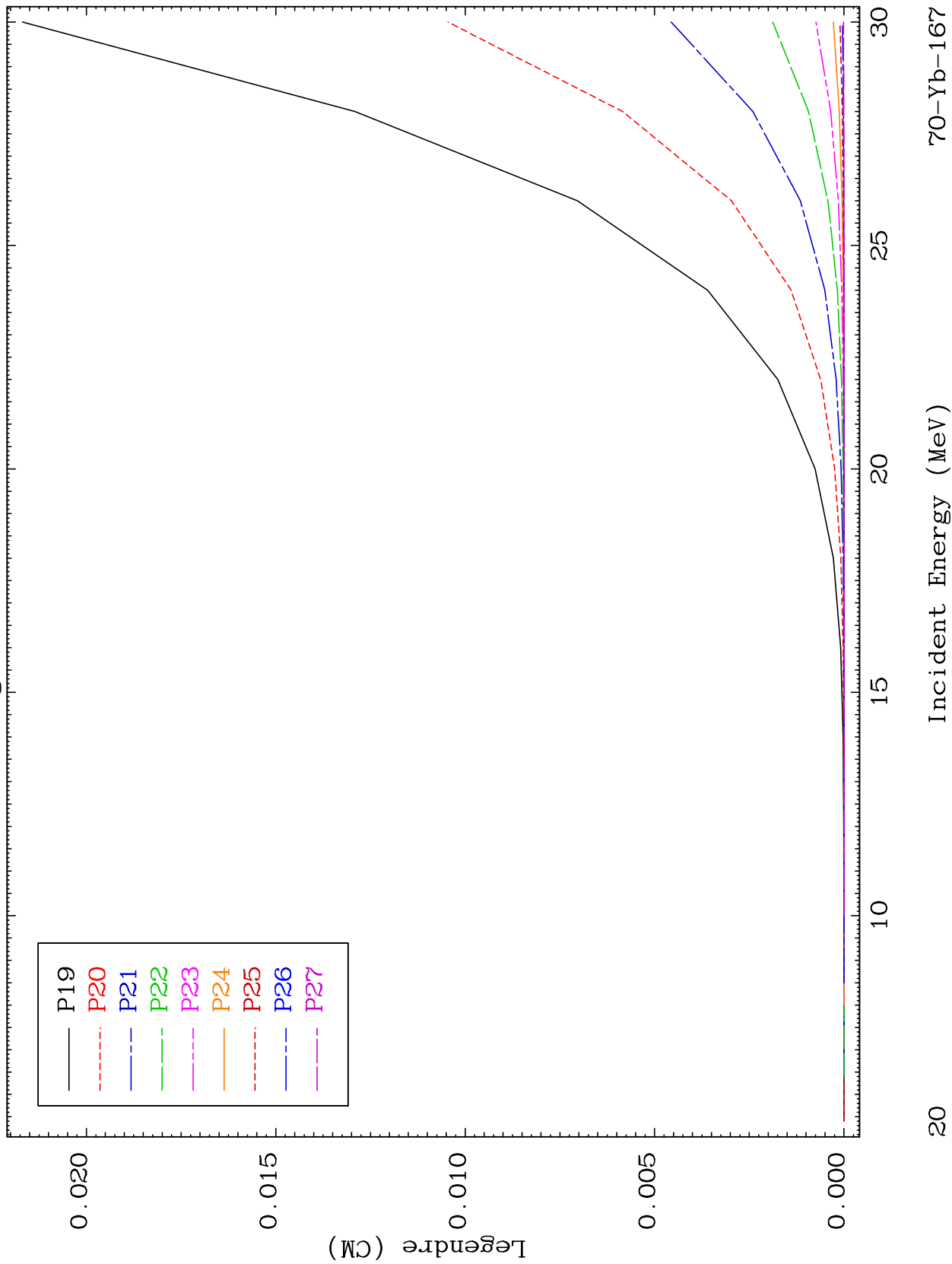
Incident Energy (MeV)



MAT 7022

Elastic Legendre Coefficients

70-Yb-167



70-Yb-167

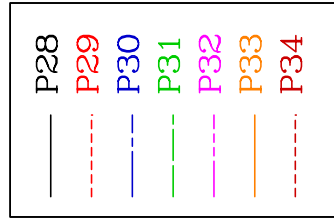
Incident Energy (MeV)

20

MAT 7022

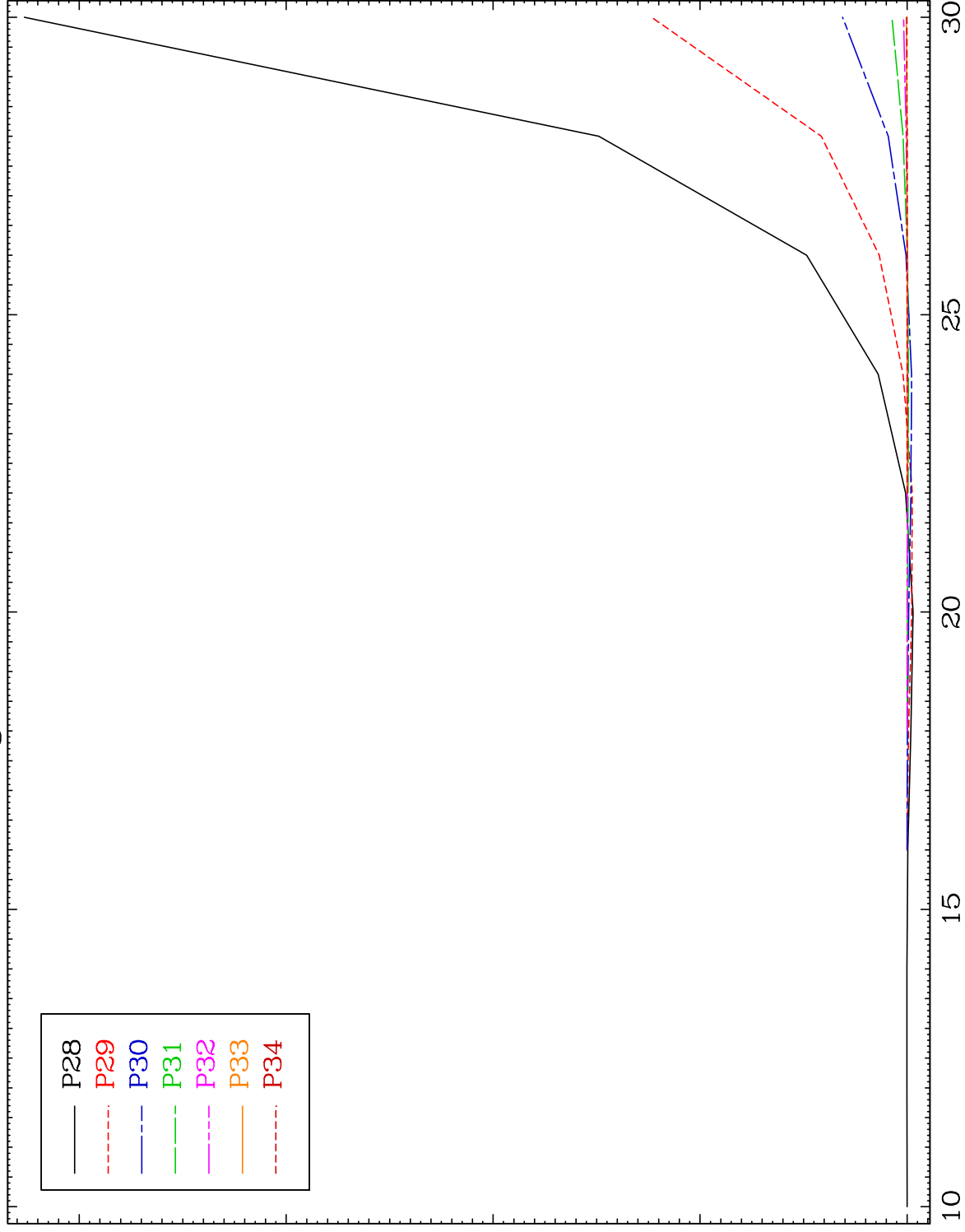
Elastic
Legendre Coefficients

70-Yb-167



$\times 10^{-6}$

Legendre (CM)



21

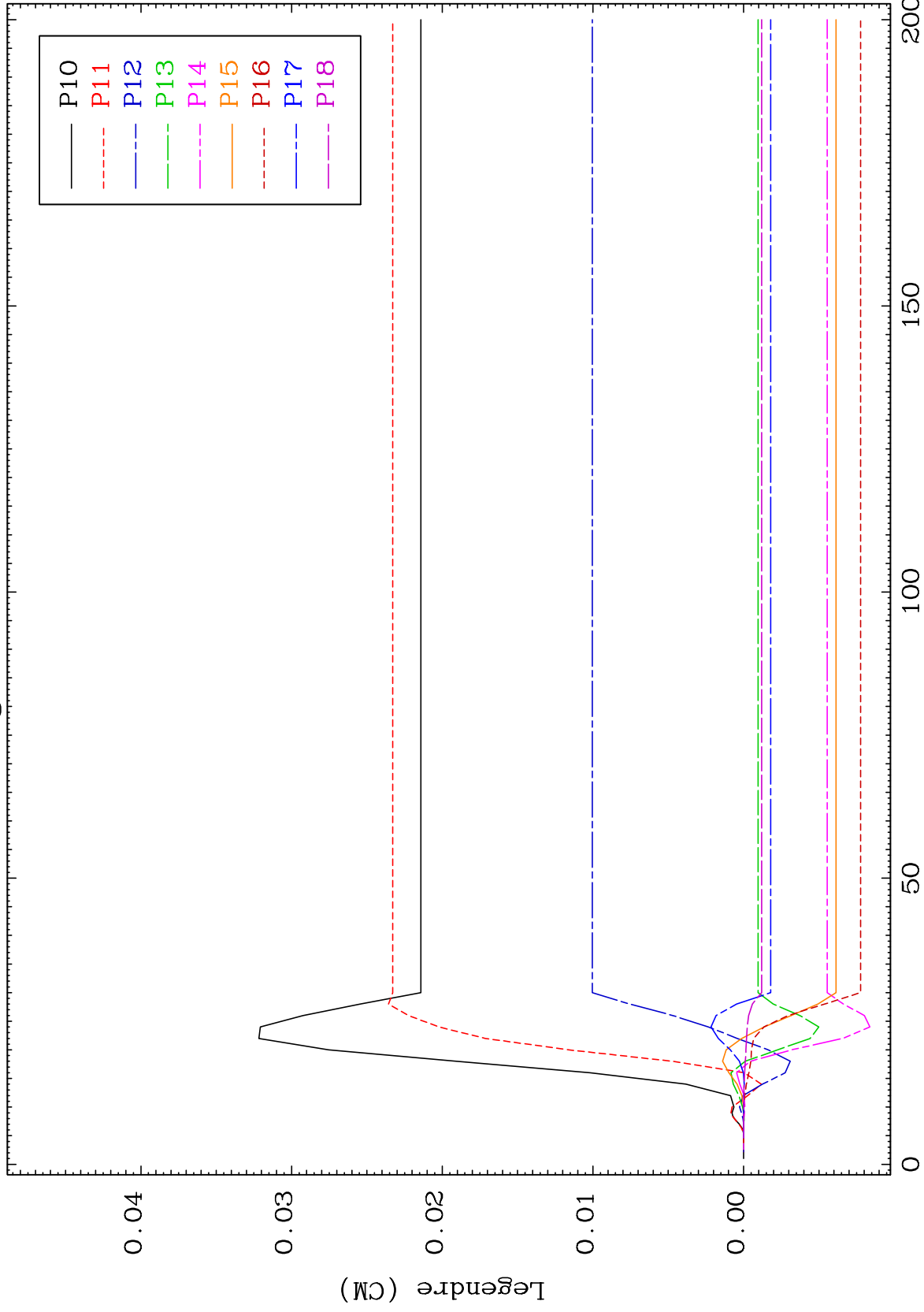
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

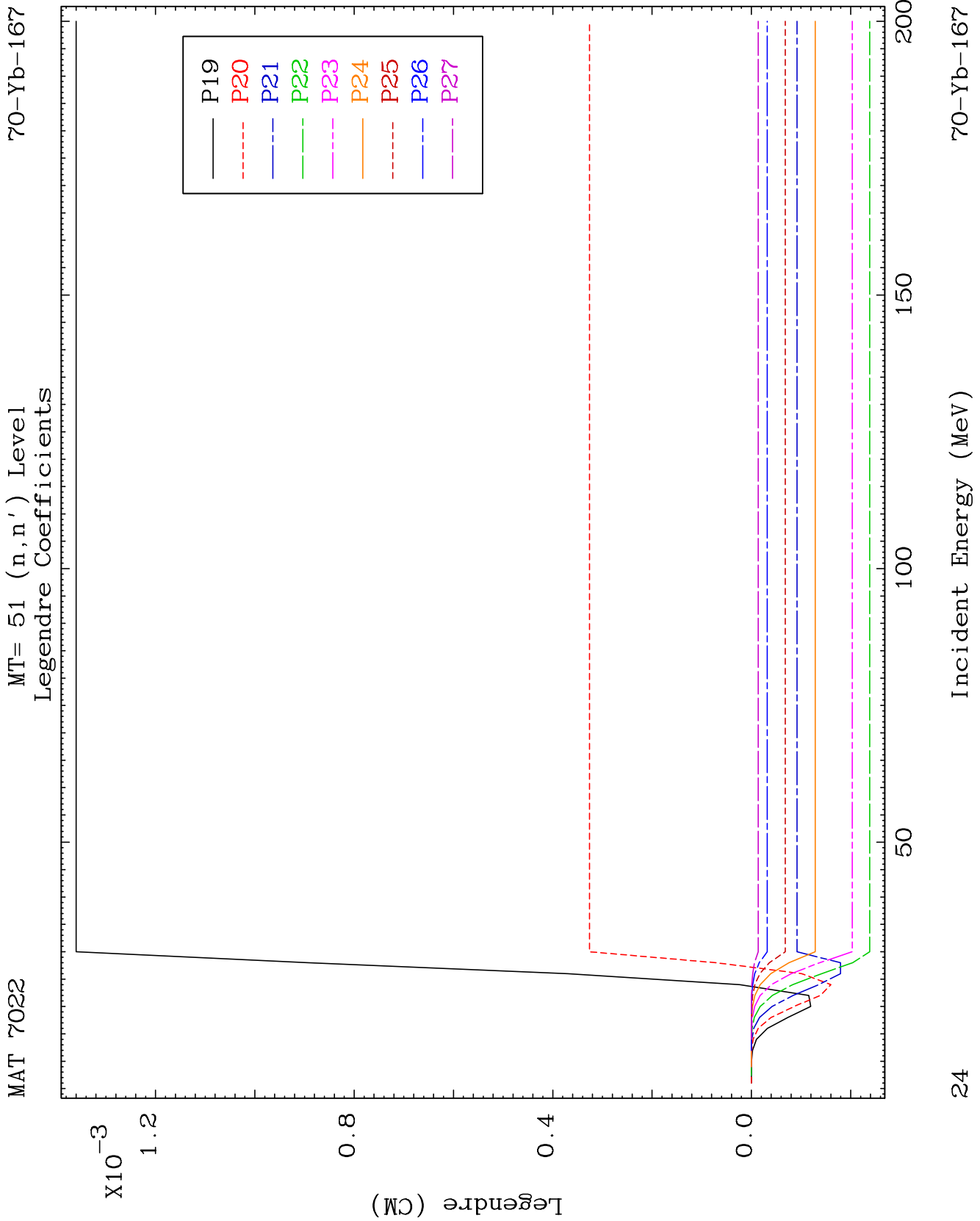
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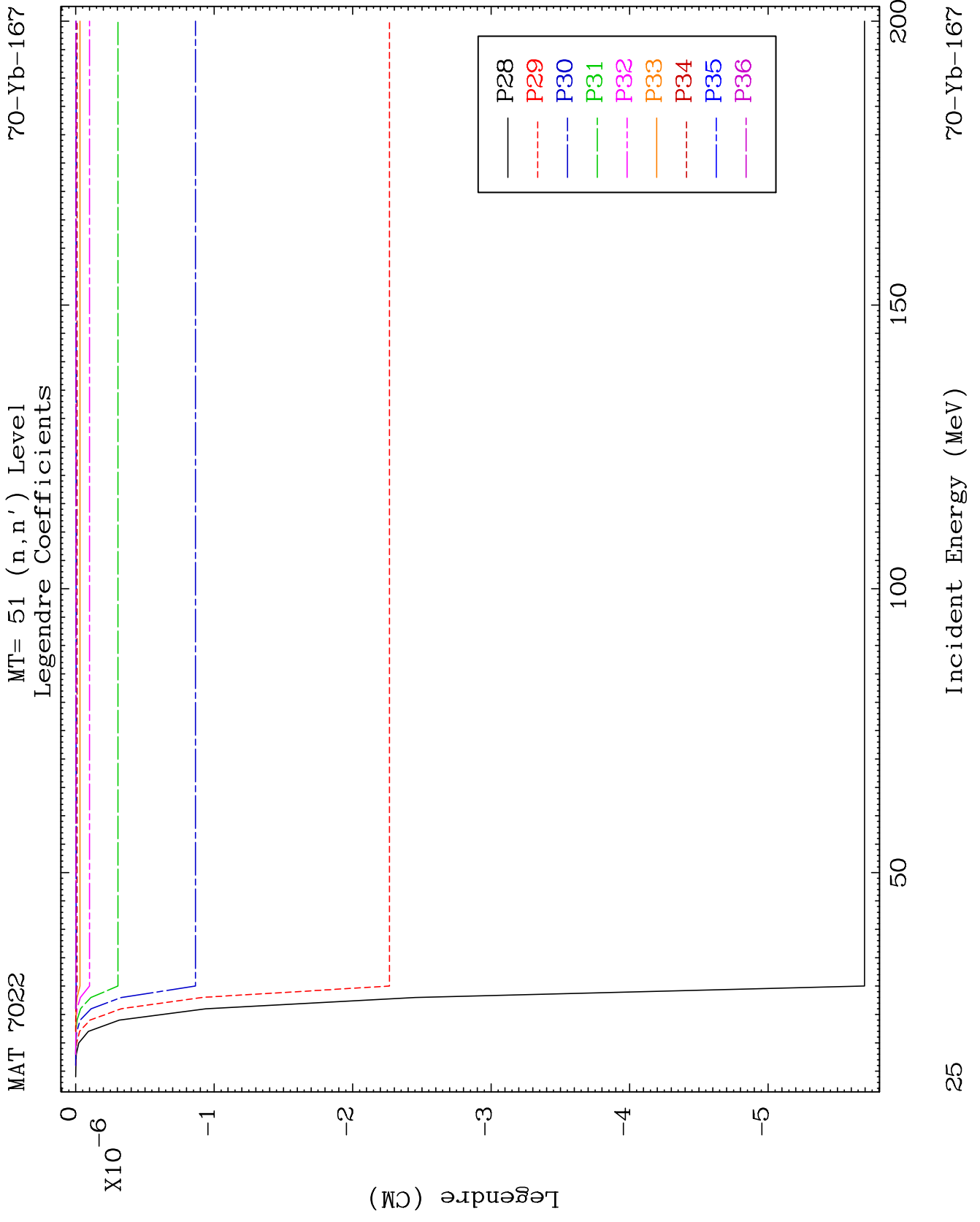


23

Incident Energy (MeV)

70-Yb-167

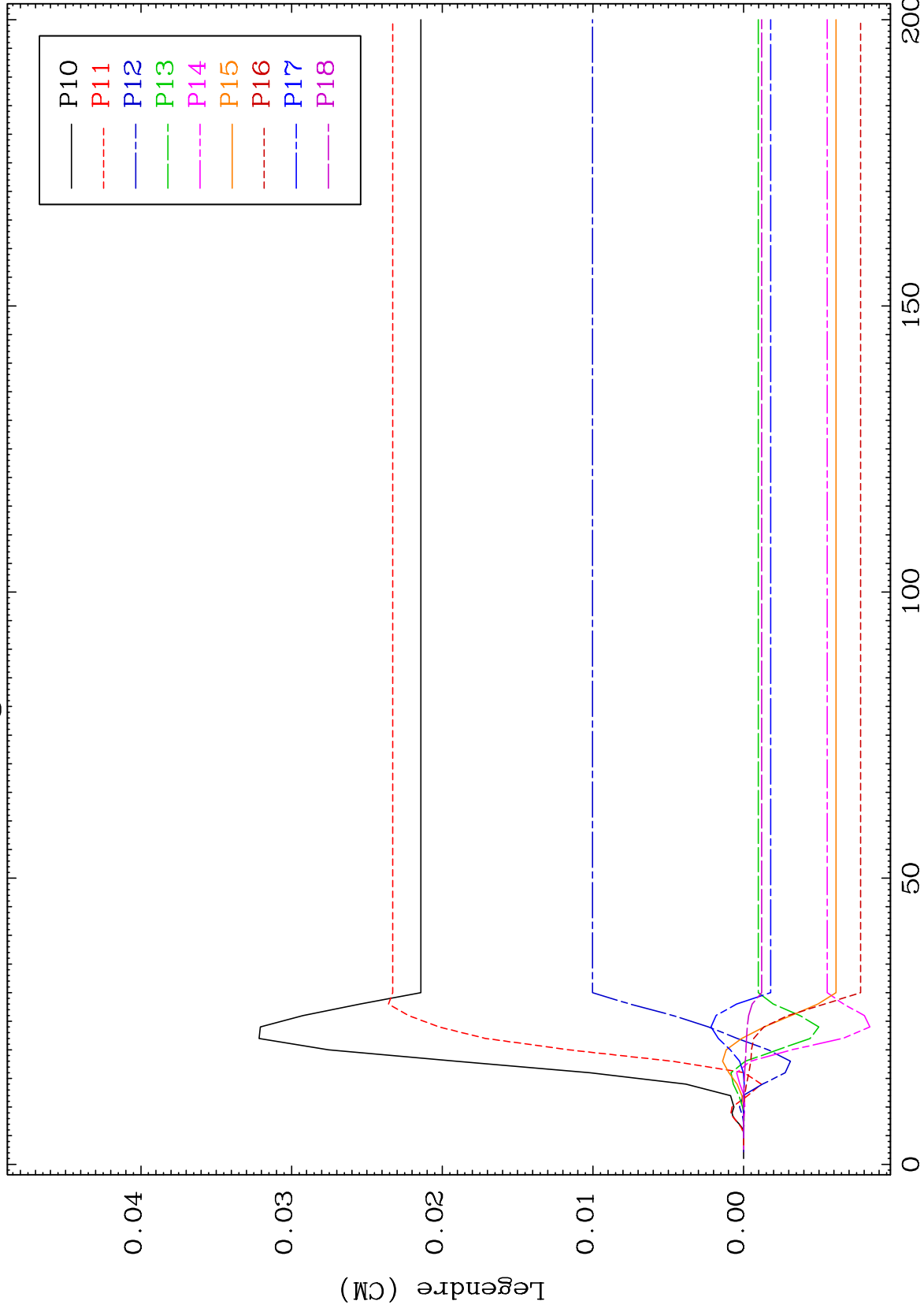




MAT 7022

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

70-Yb-167



27

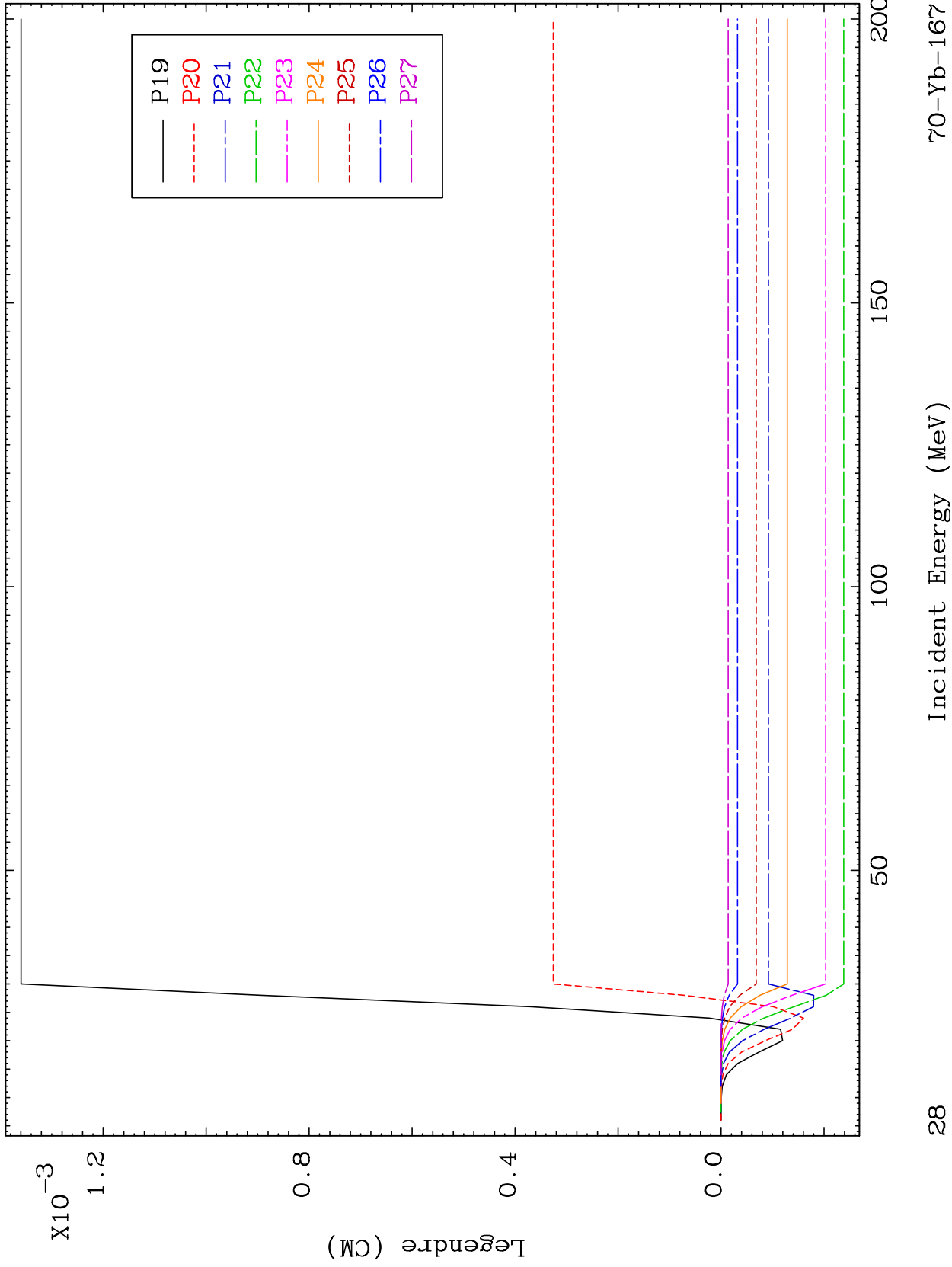
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

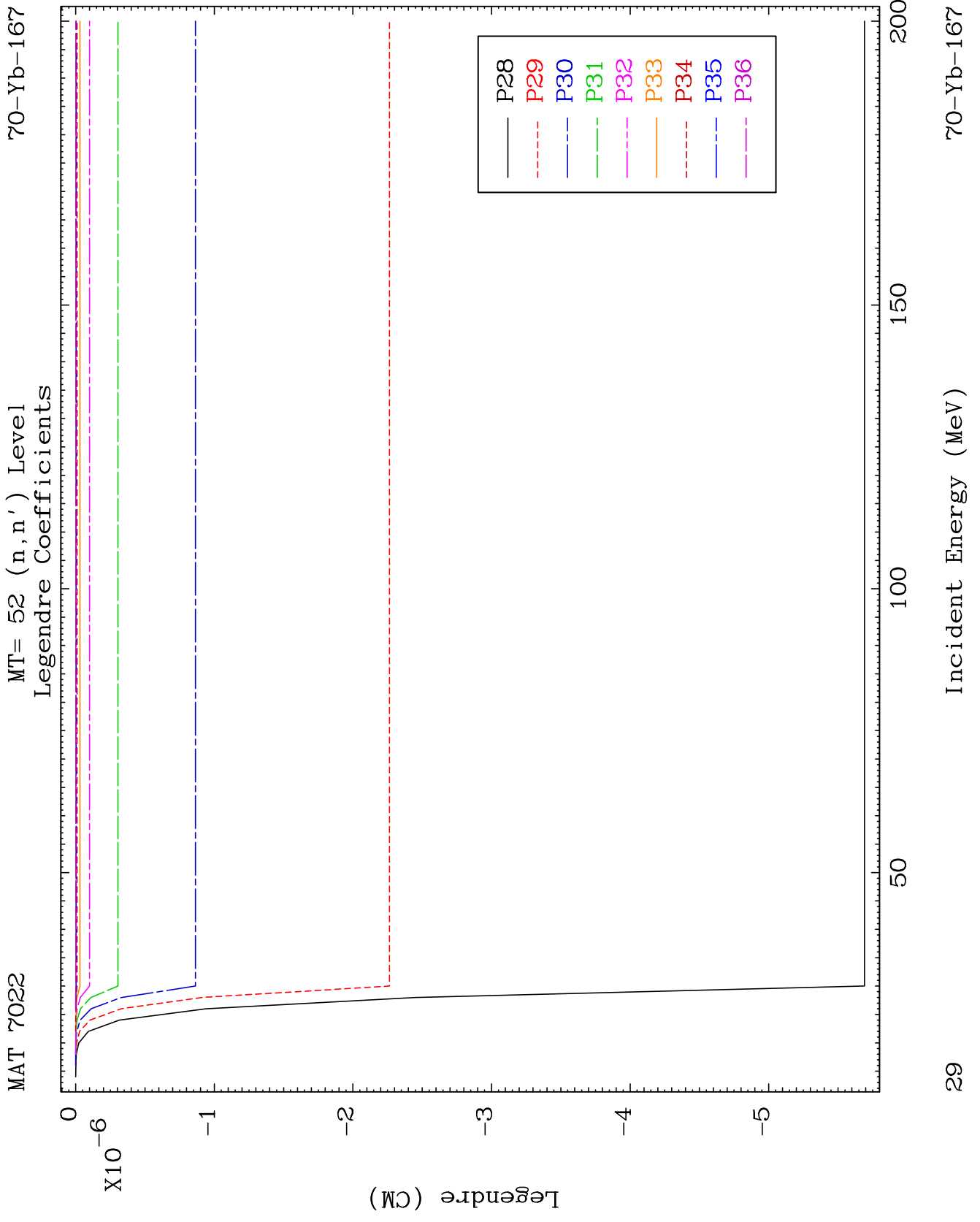
70-Yb-167



28

Incident Energy (MeV)

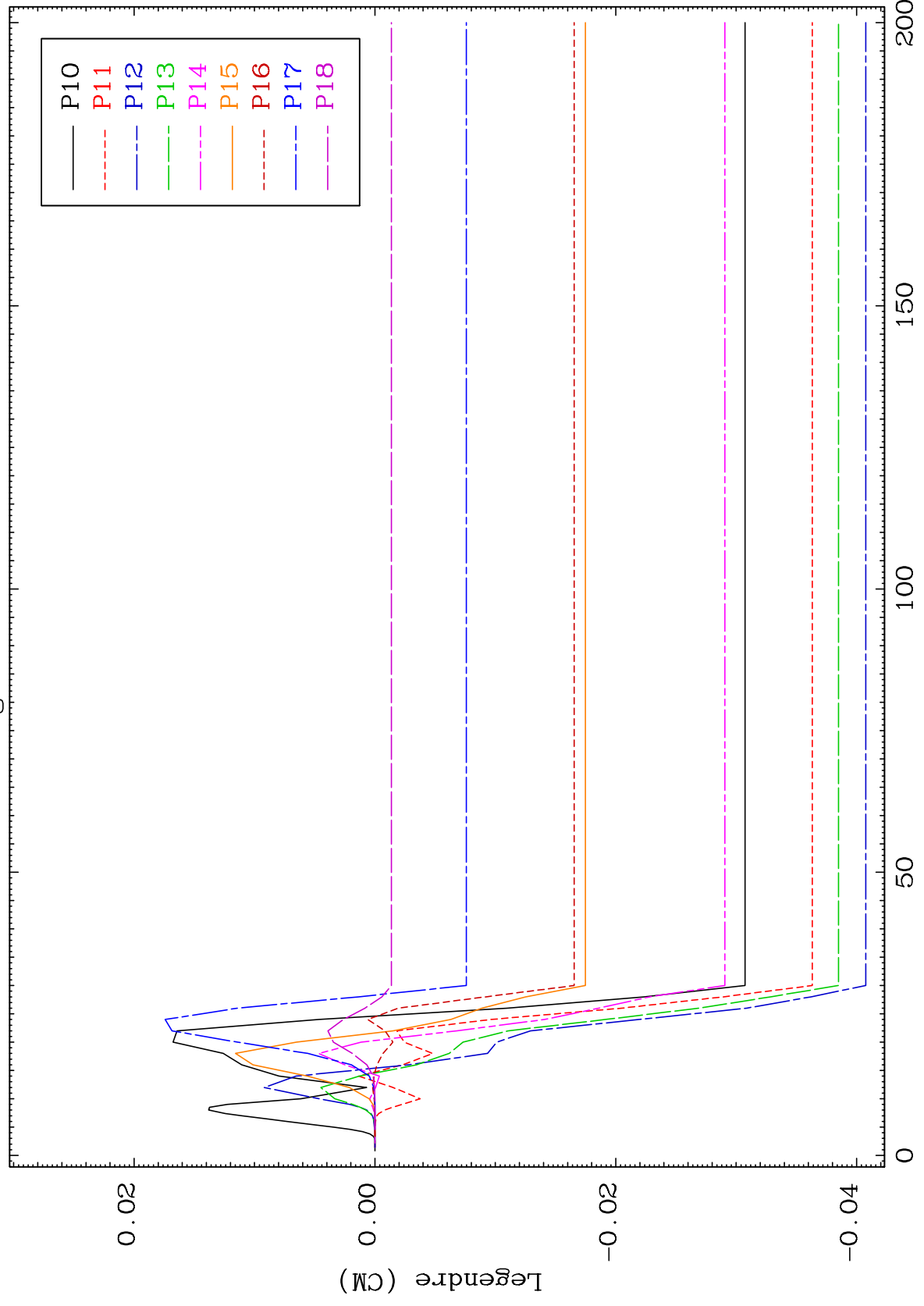
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MAT 7022

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

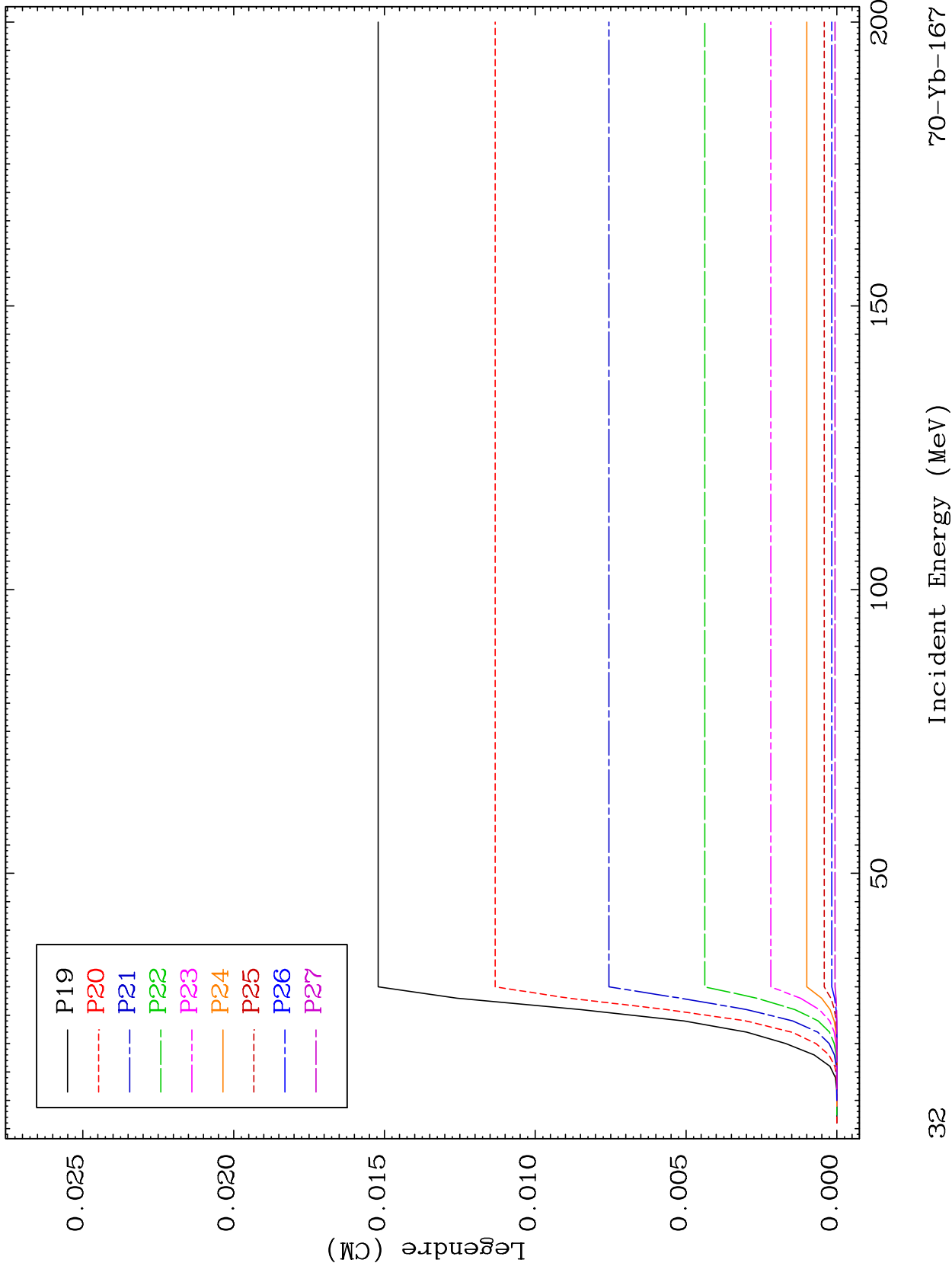
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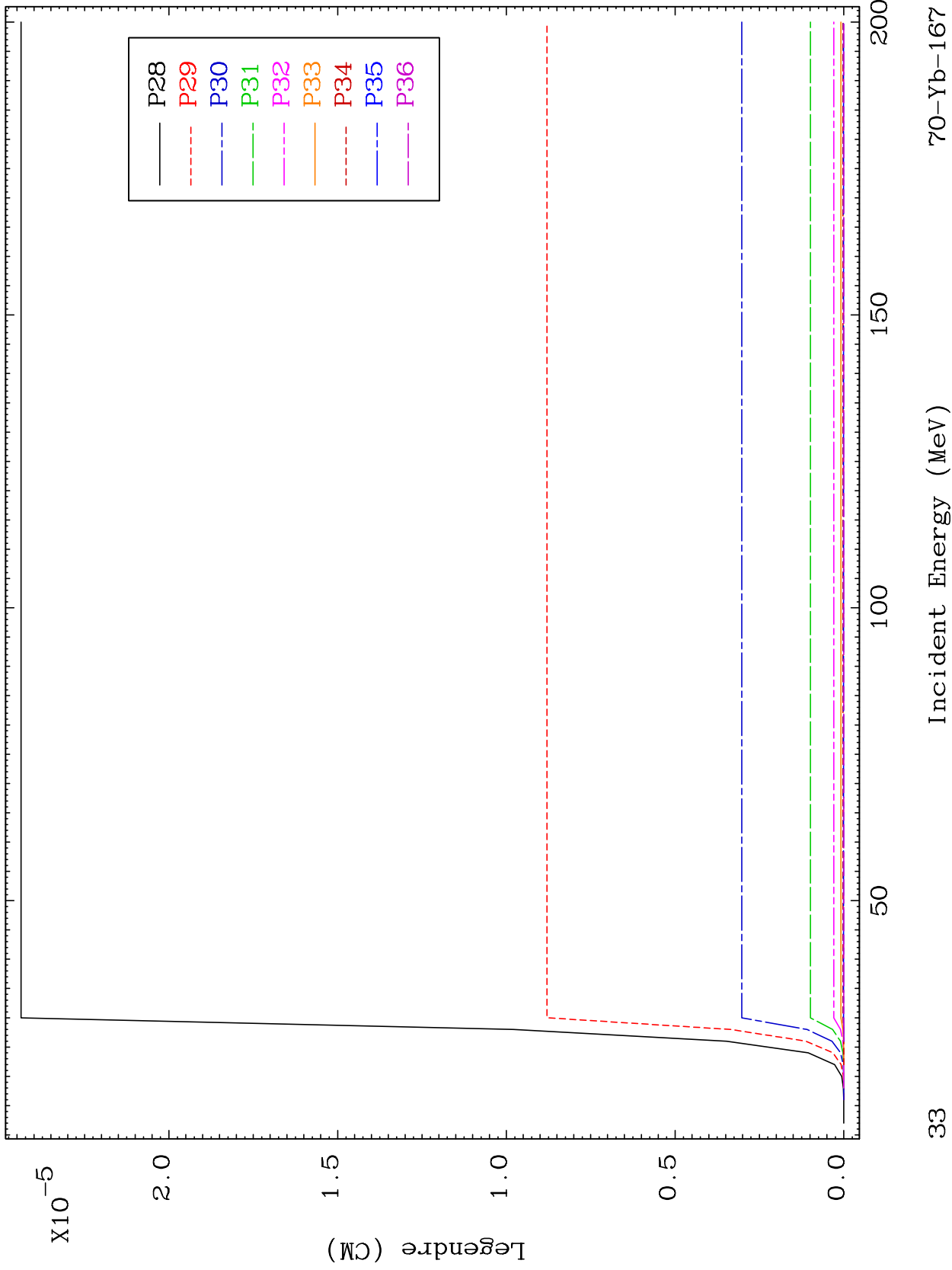


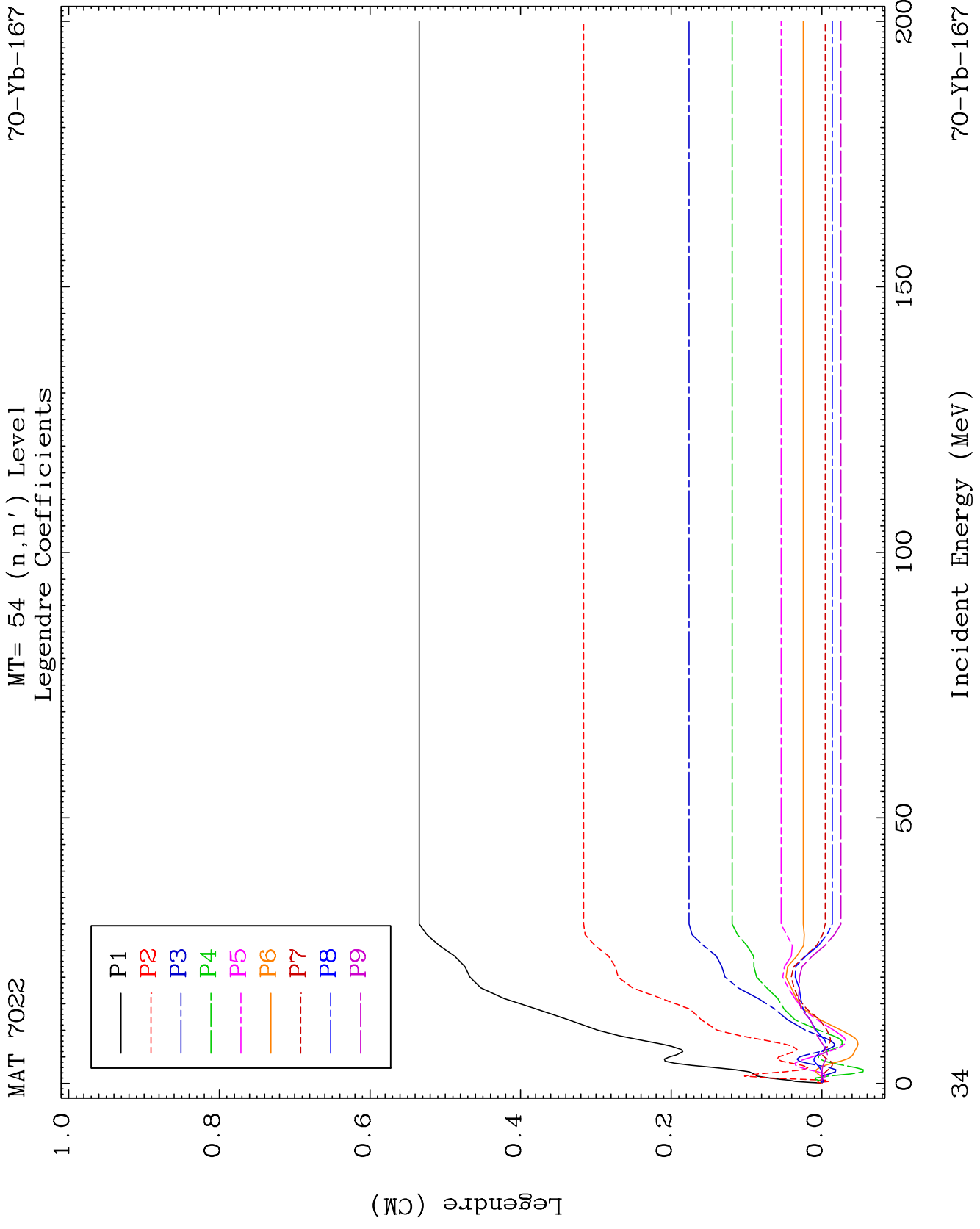
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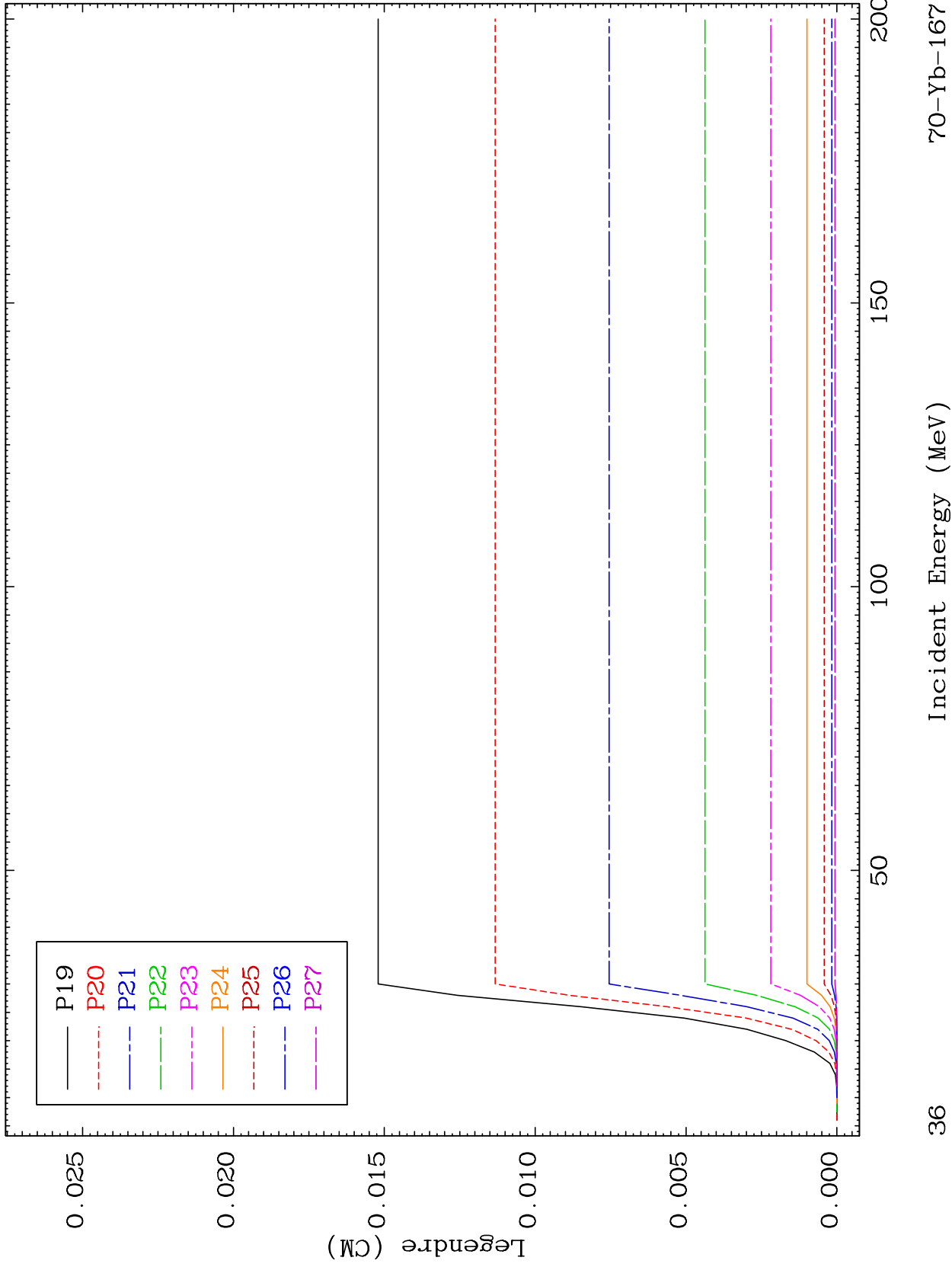
Incident Energy (MeV)

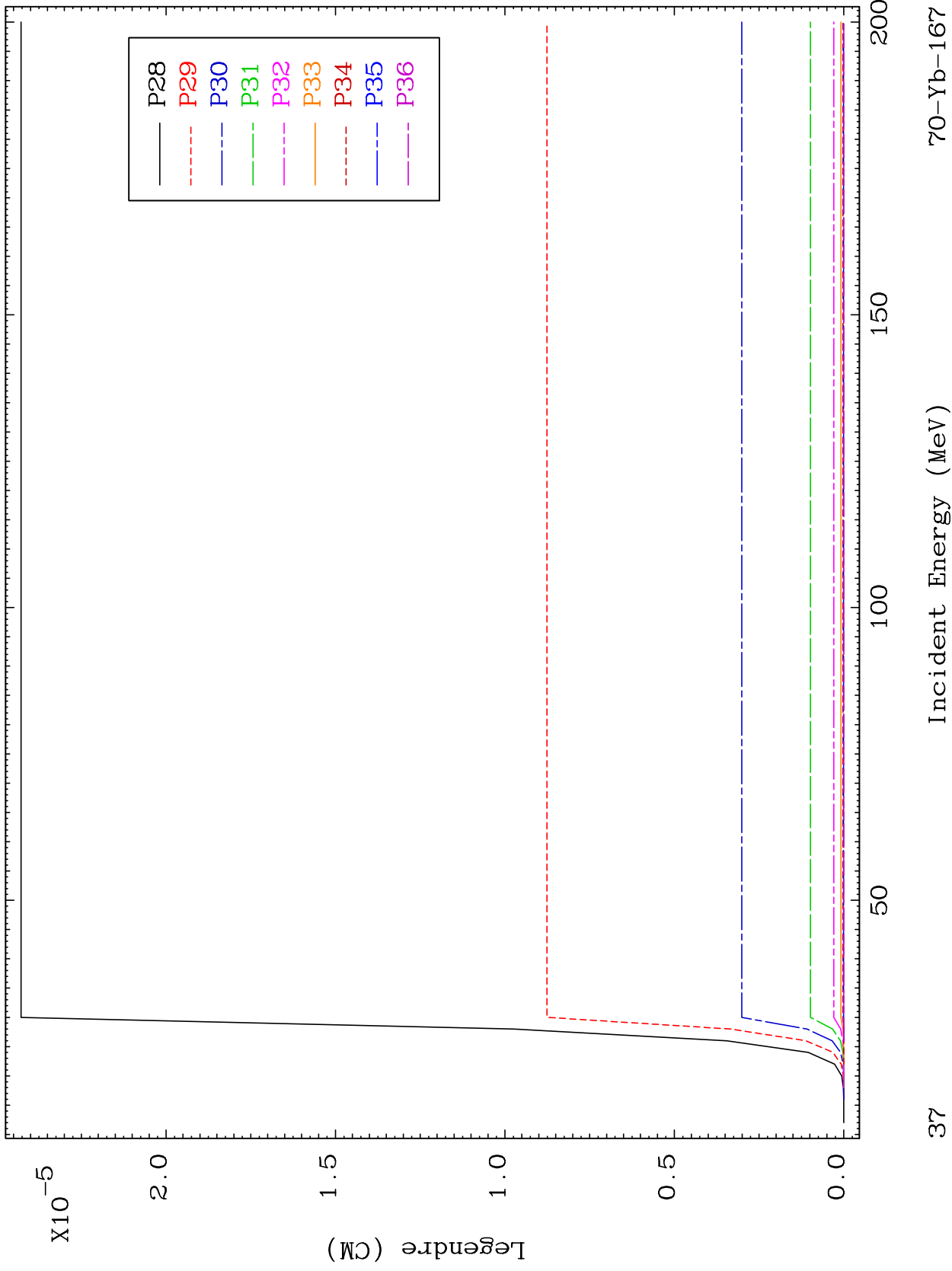
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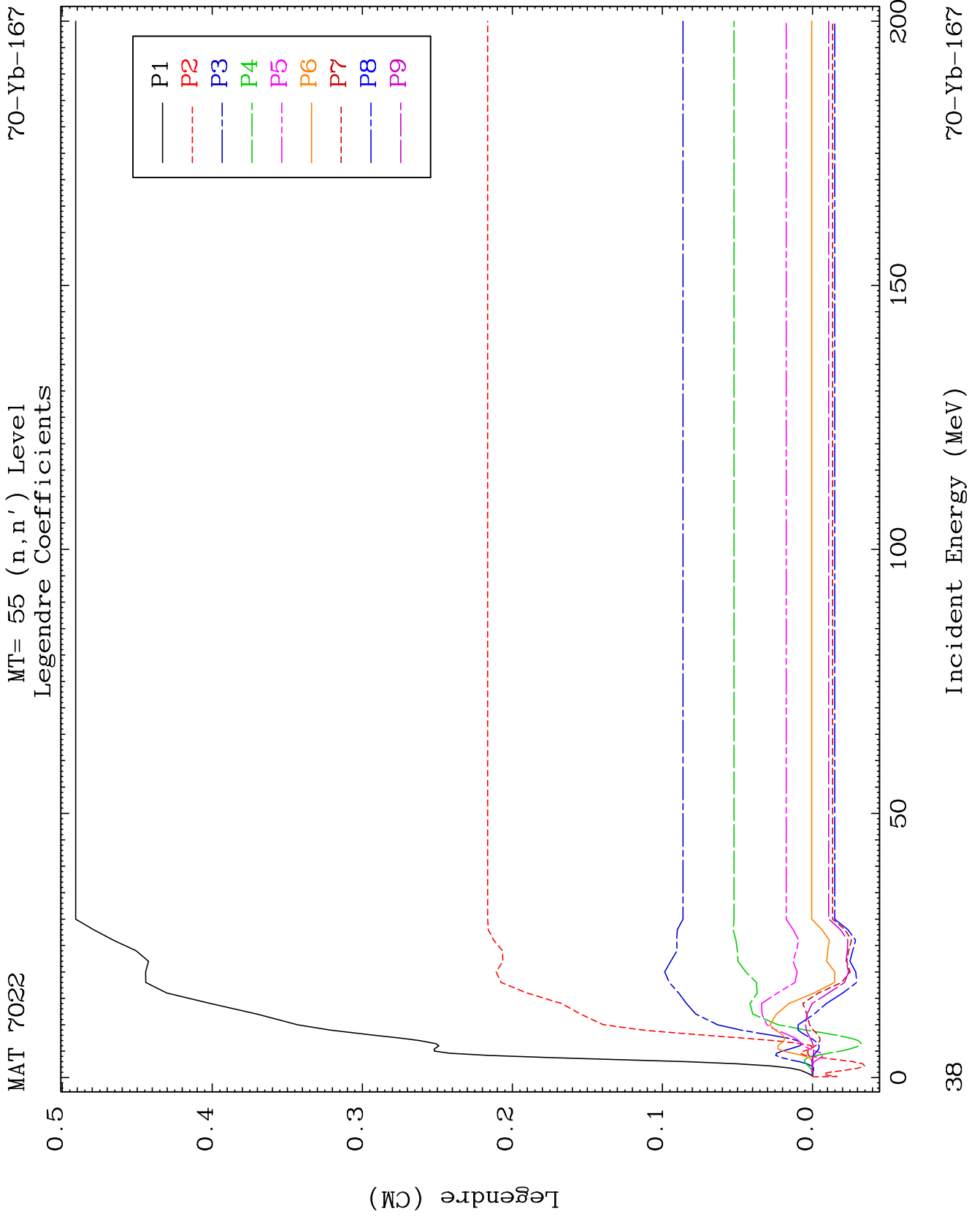








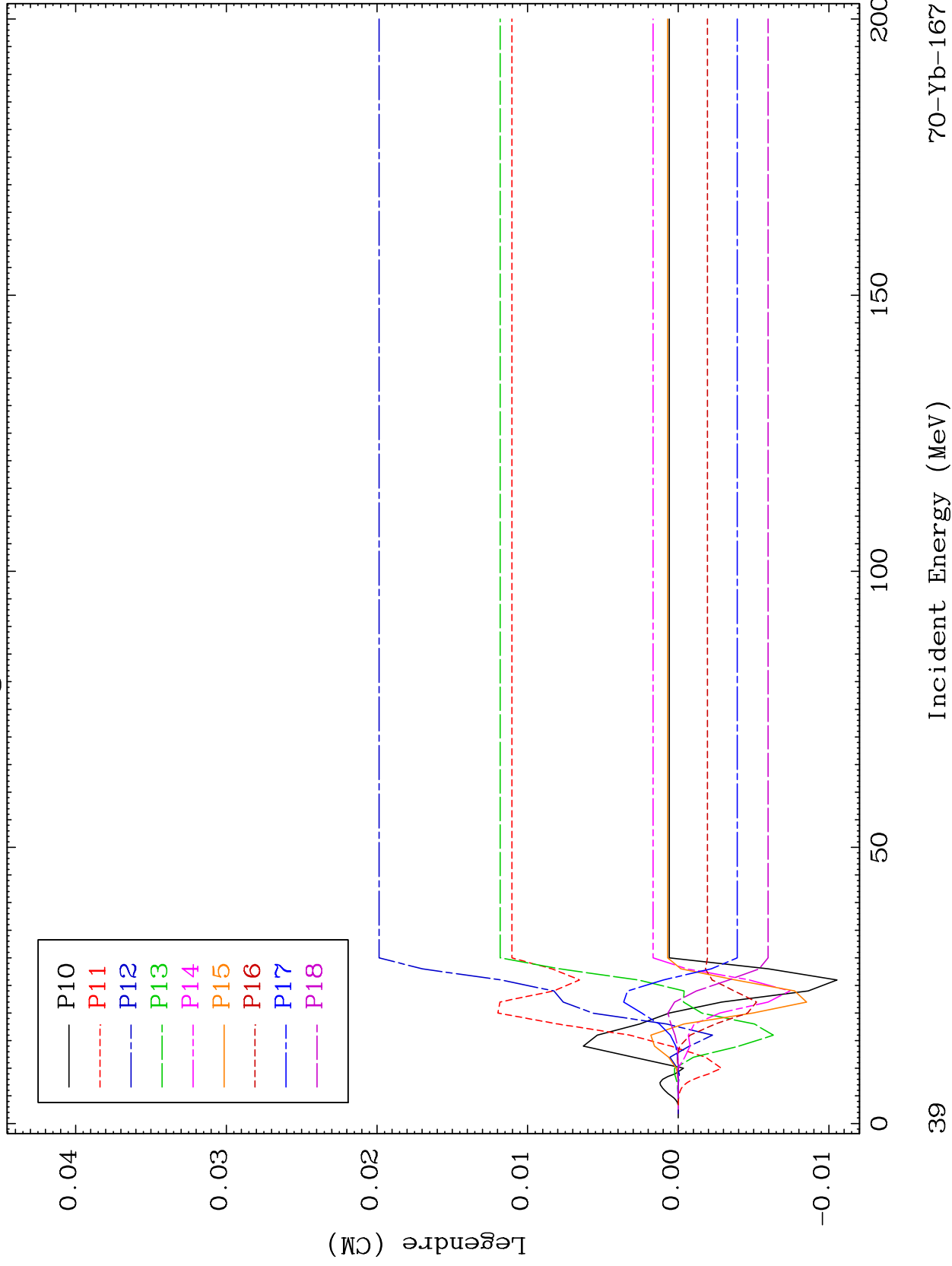




MAT 7022

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

70-Yb-167



39

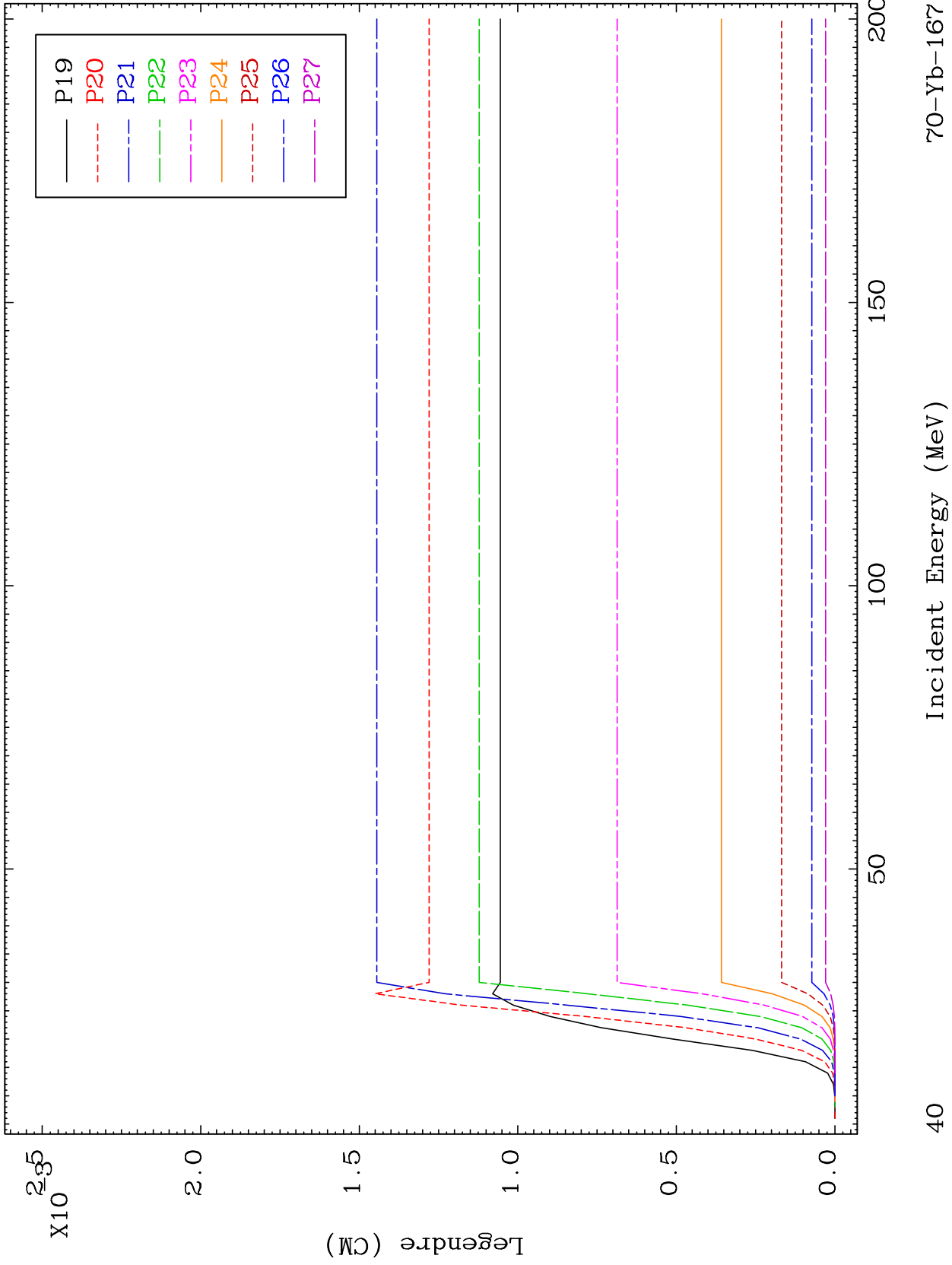
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

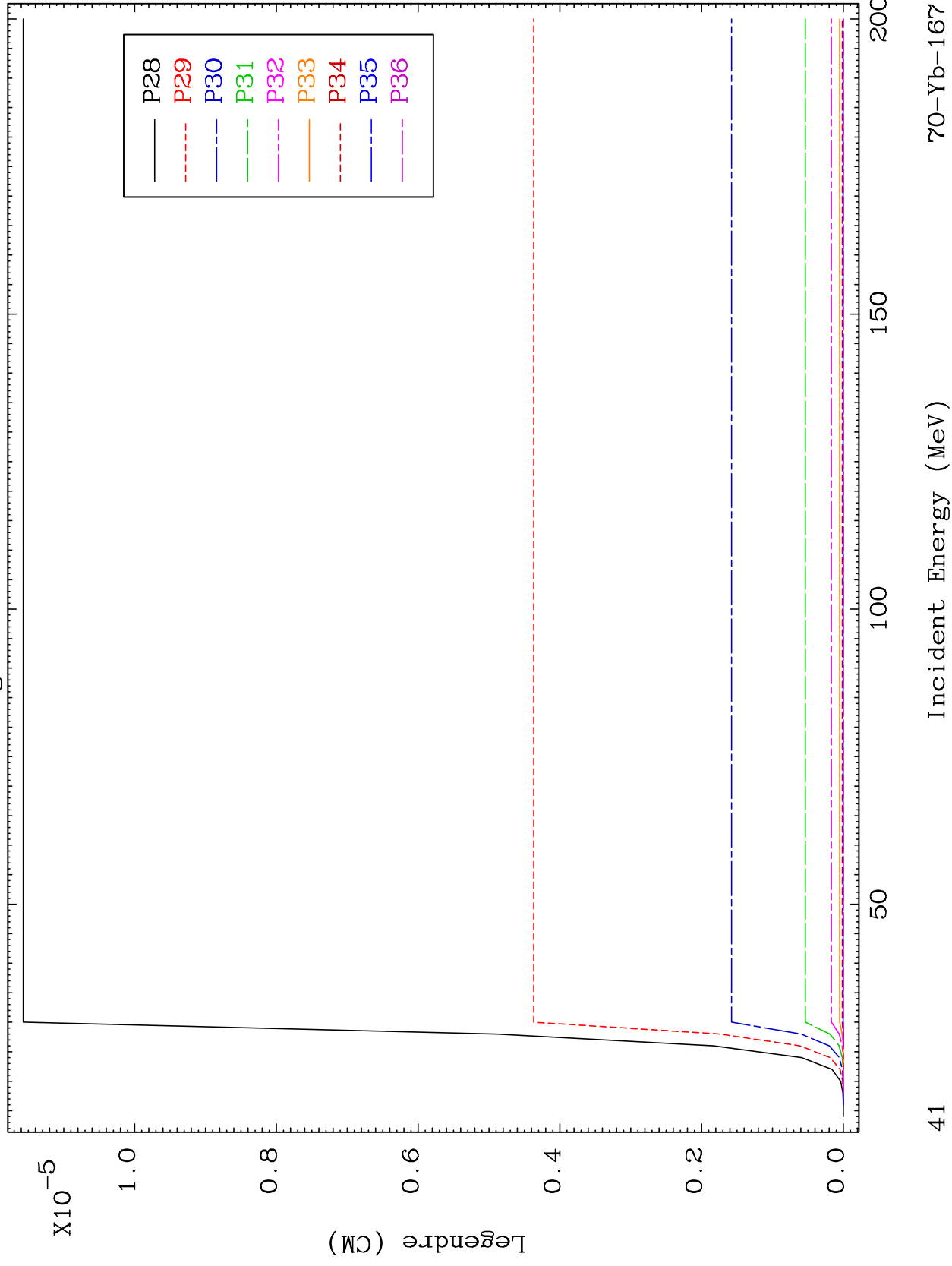
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MAT 7022

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

70-Yb-167



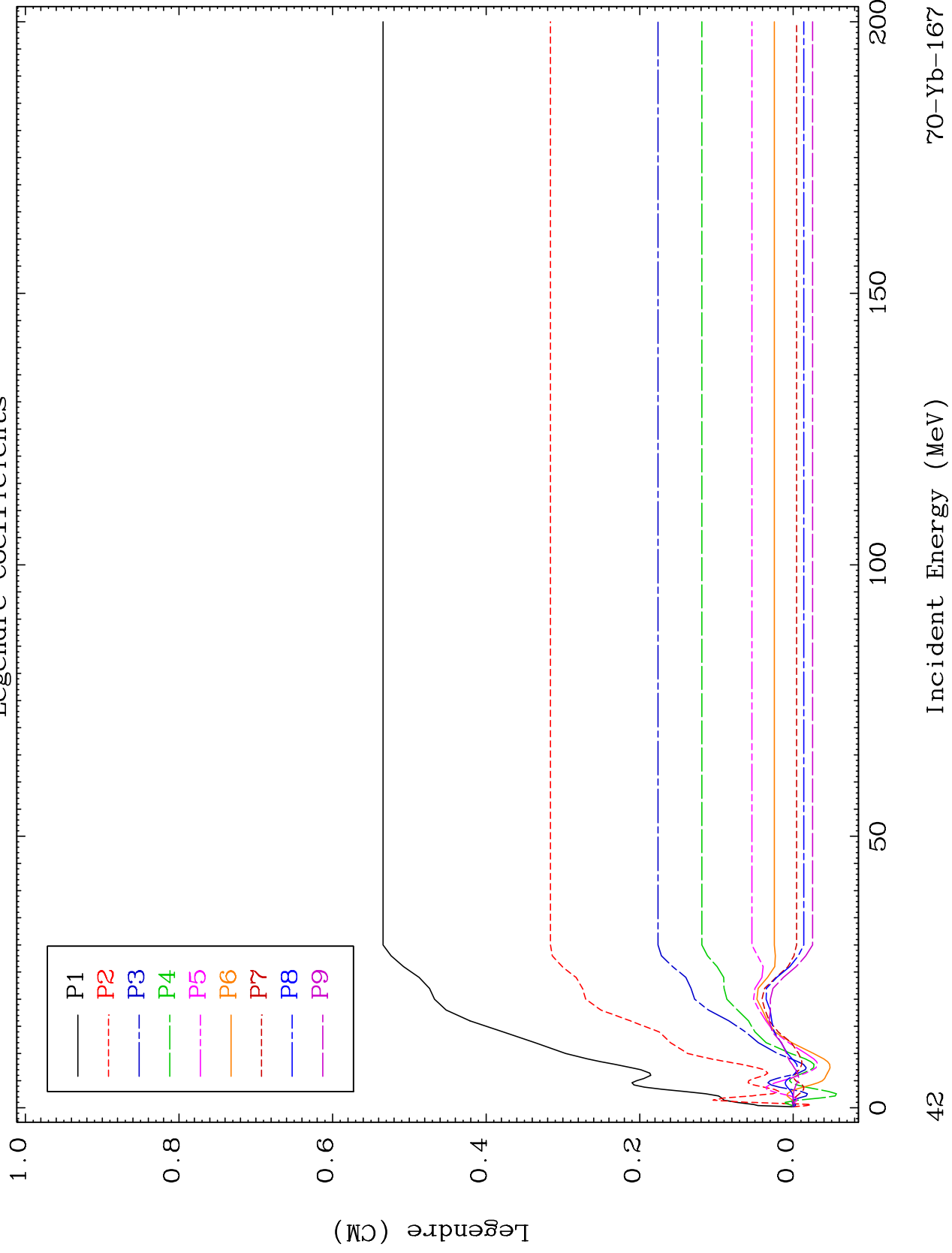
41

70-Yb-167

MAT 7022

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

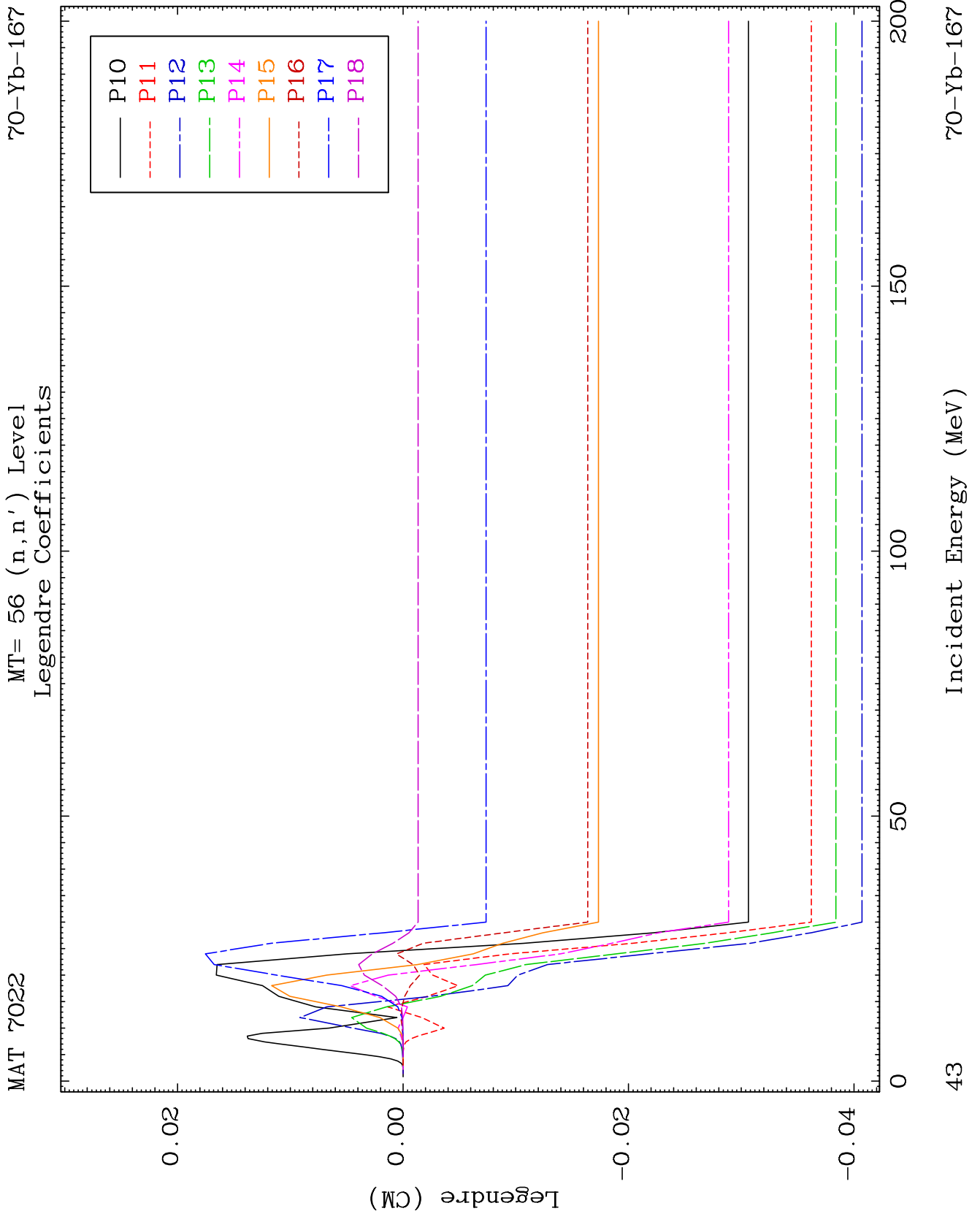
70-Yb-167



70-Yb-167

Incident Energy (MeV)

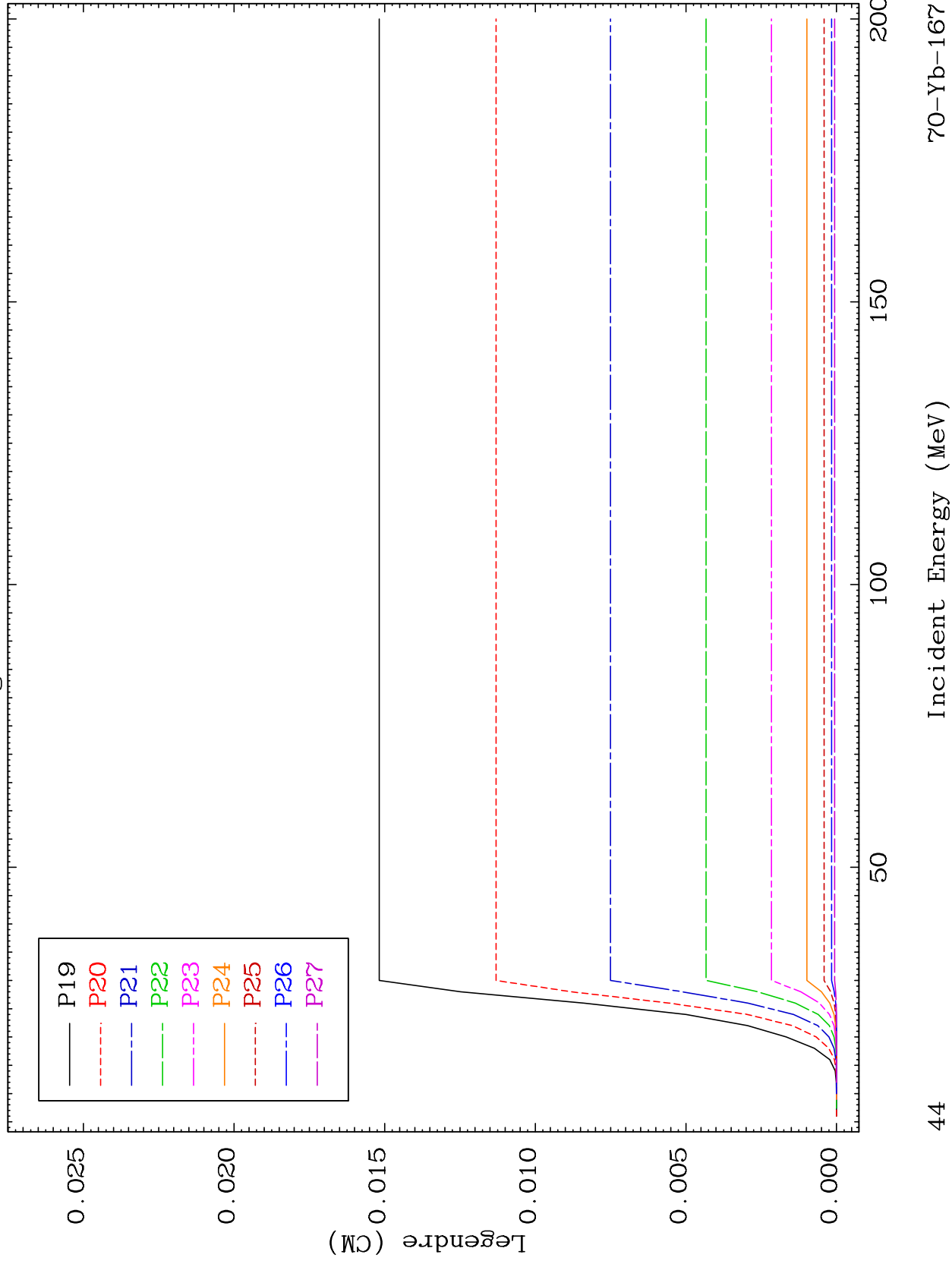
42



MAT 7022

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

70-Yb-167



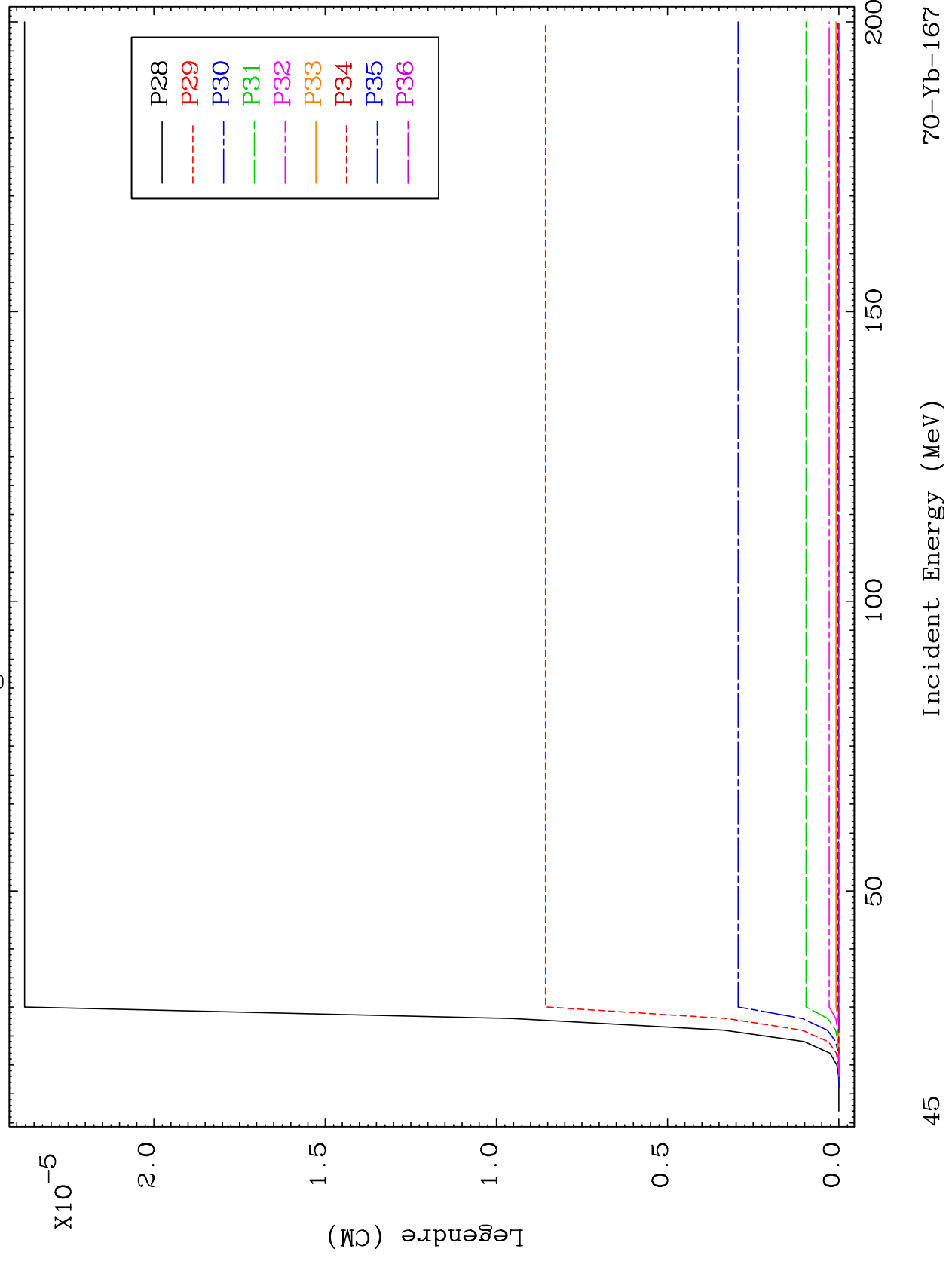
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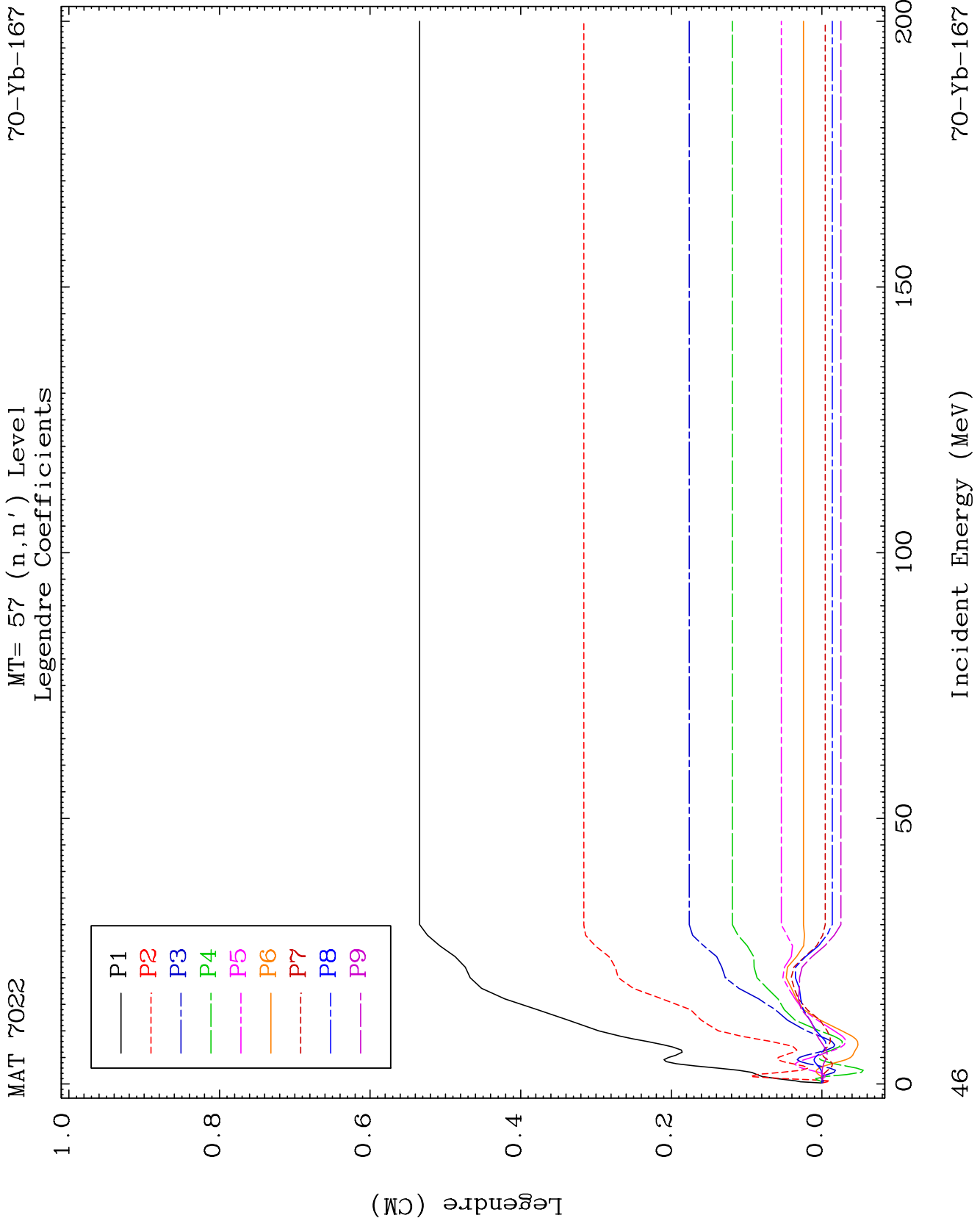
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MAT 7022

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

70-Yb-167

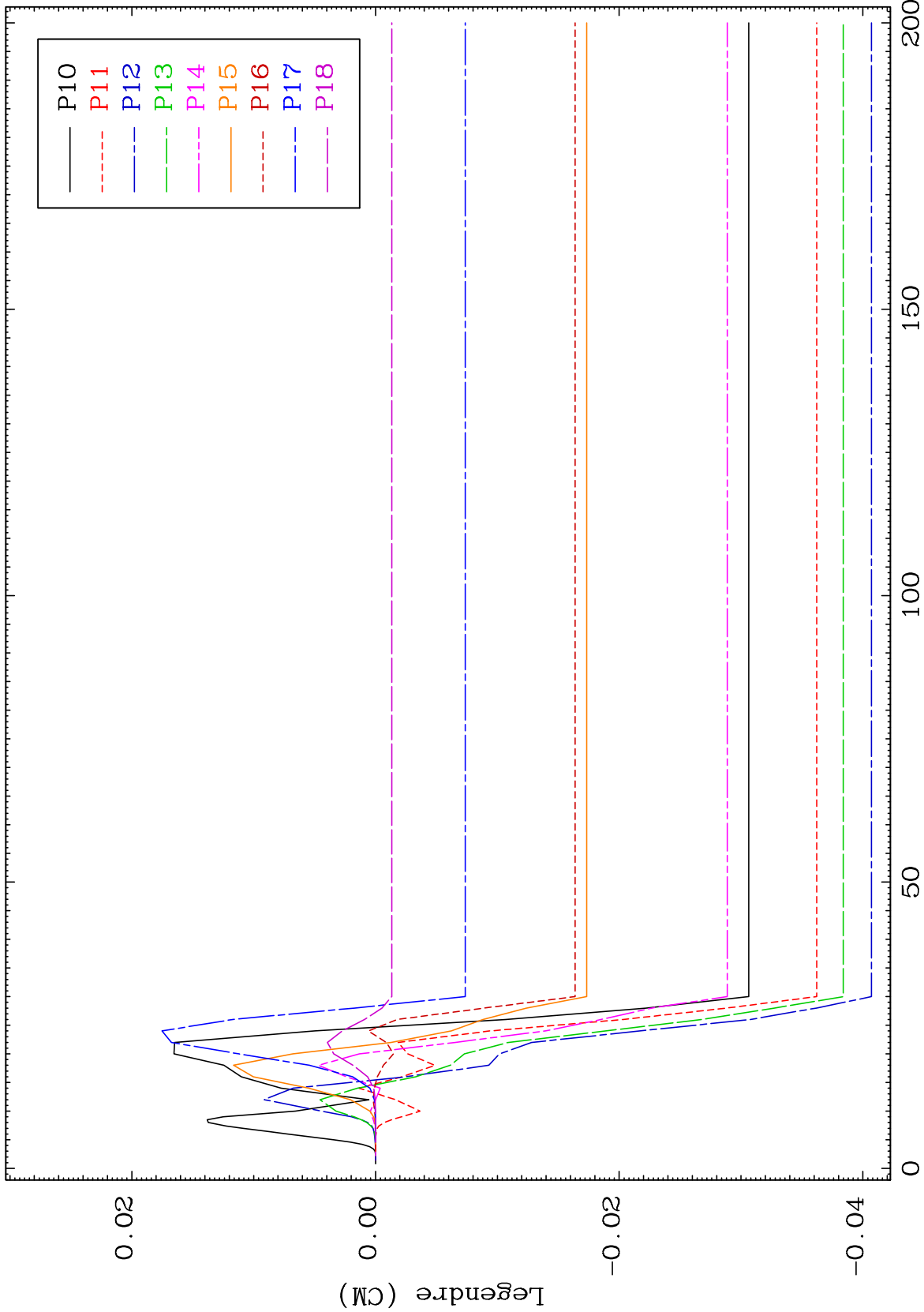




MAT 7022

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

70-Yb-167



47

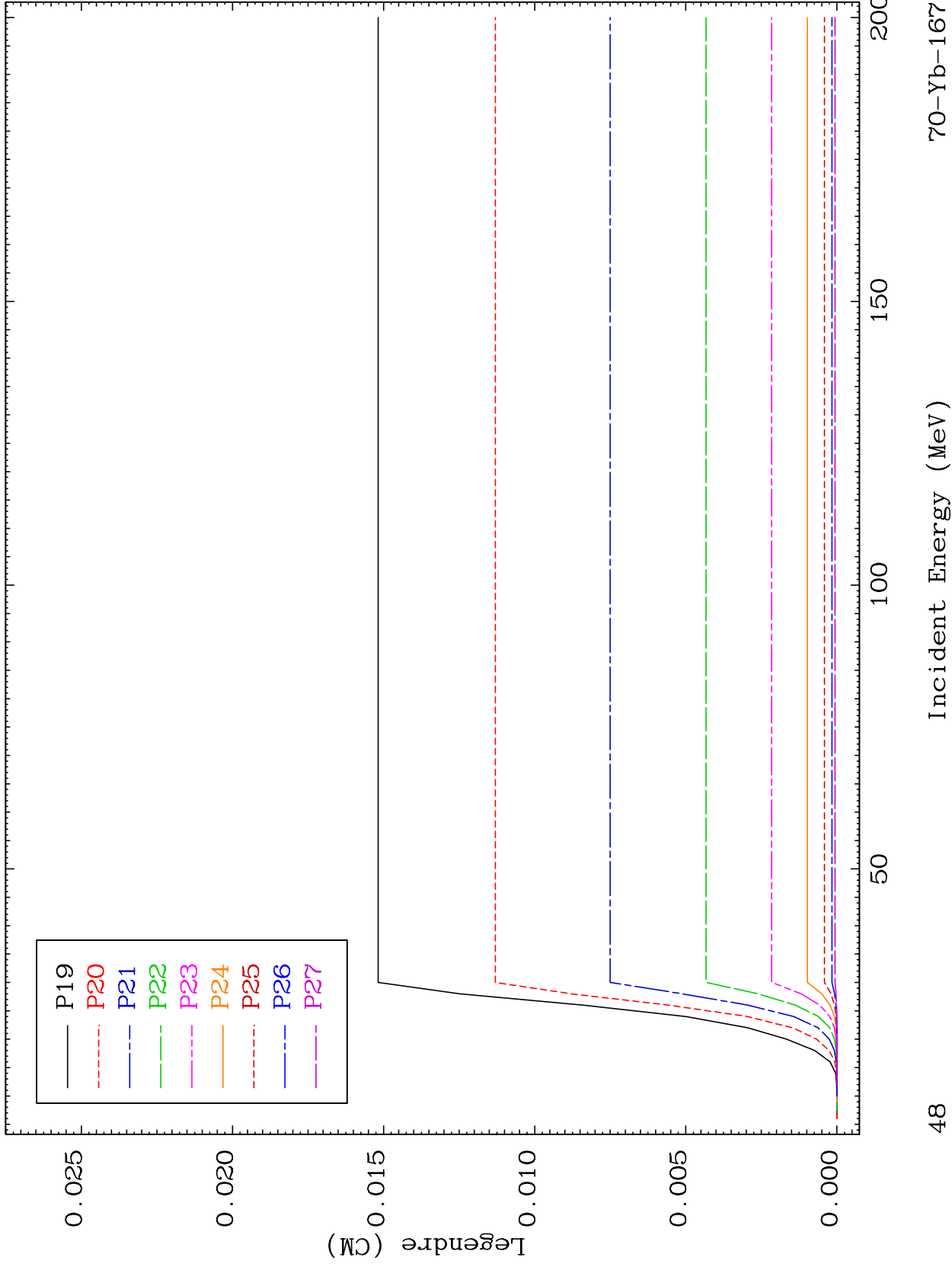
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

70-Yb-167



48

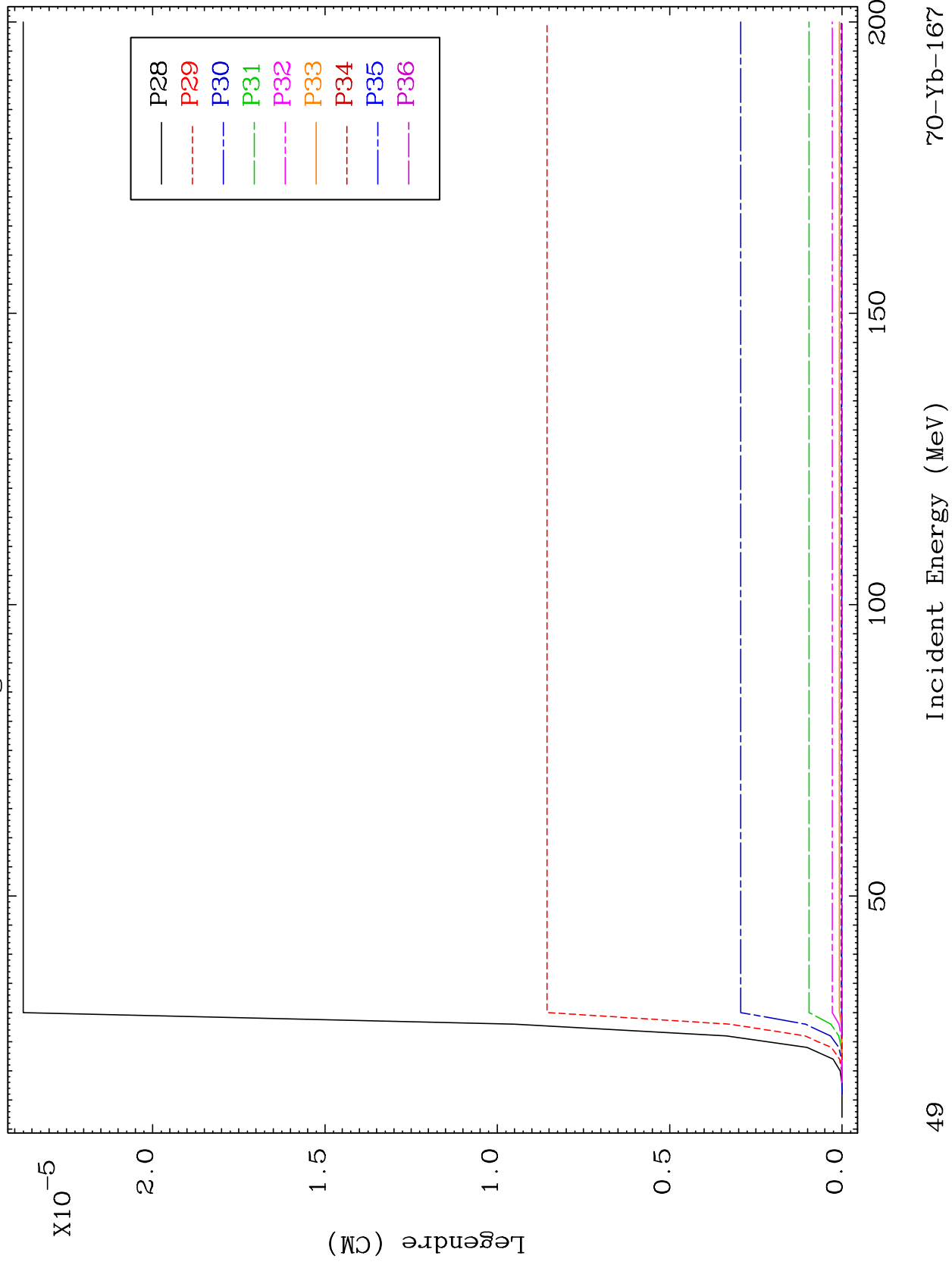
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

70-Yb-167



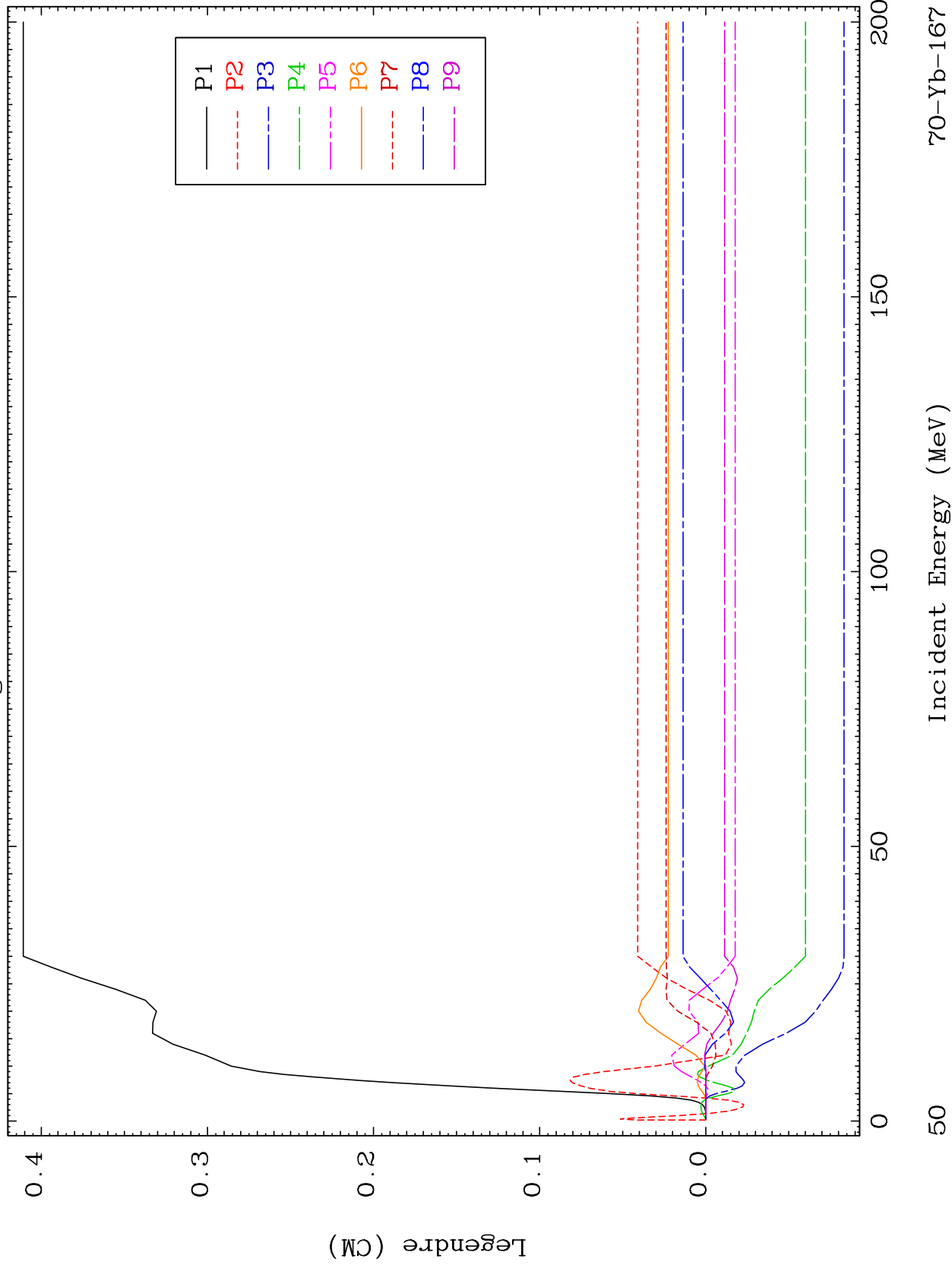
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70-Yb-167

MAT 7022

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

70-Yb-167



70-Yb-167

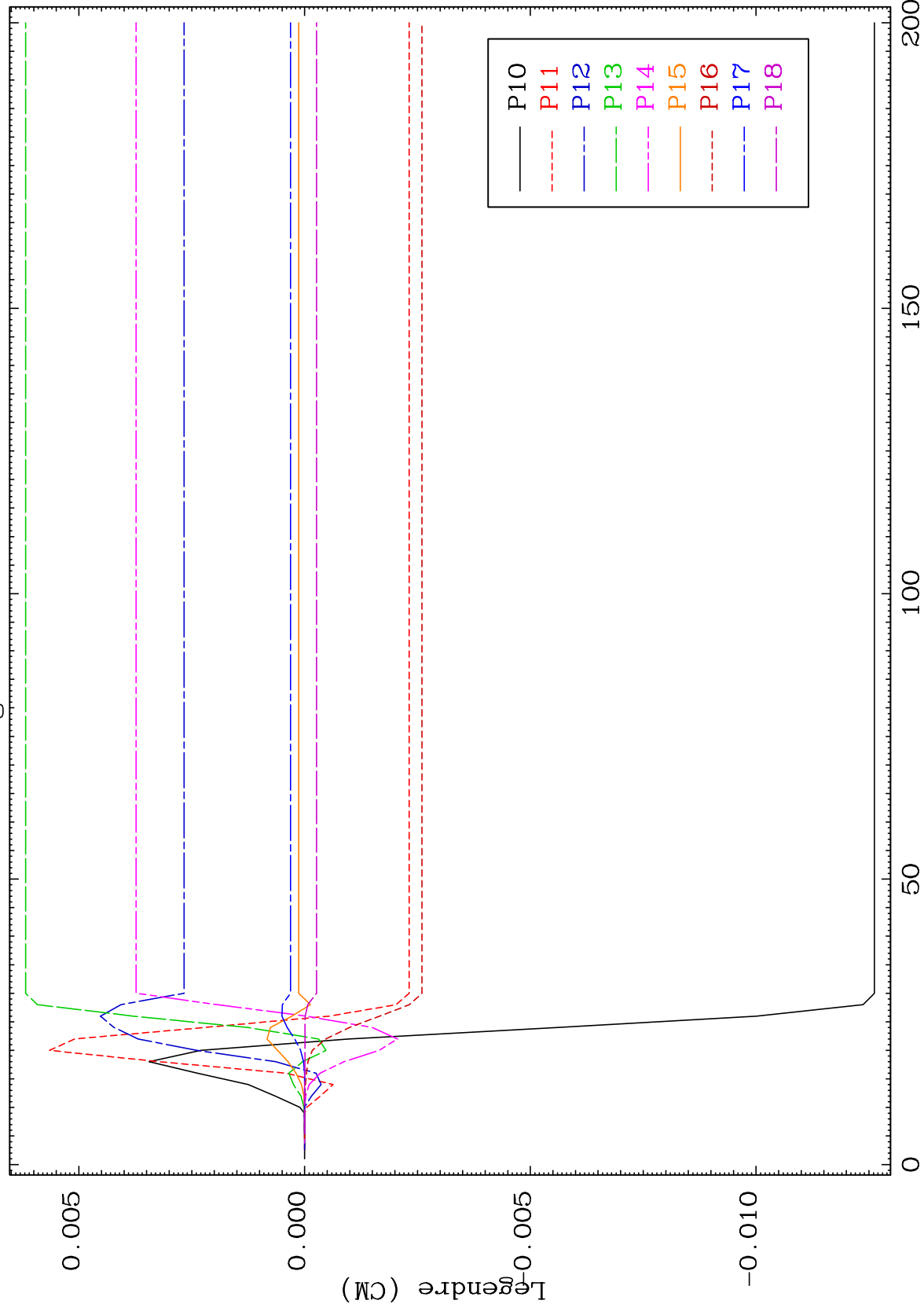
Incident Energy (MeV)

50

MAT 7022

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

70-Yb-167



51

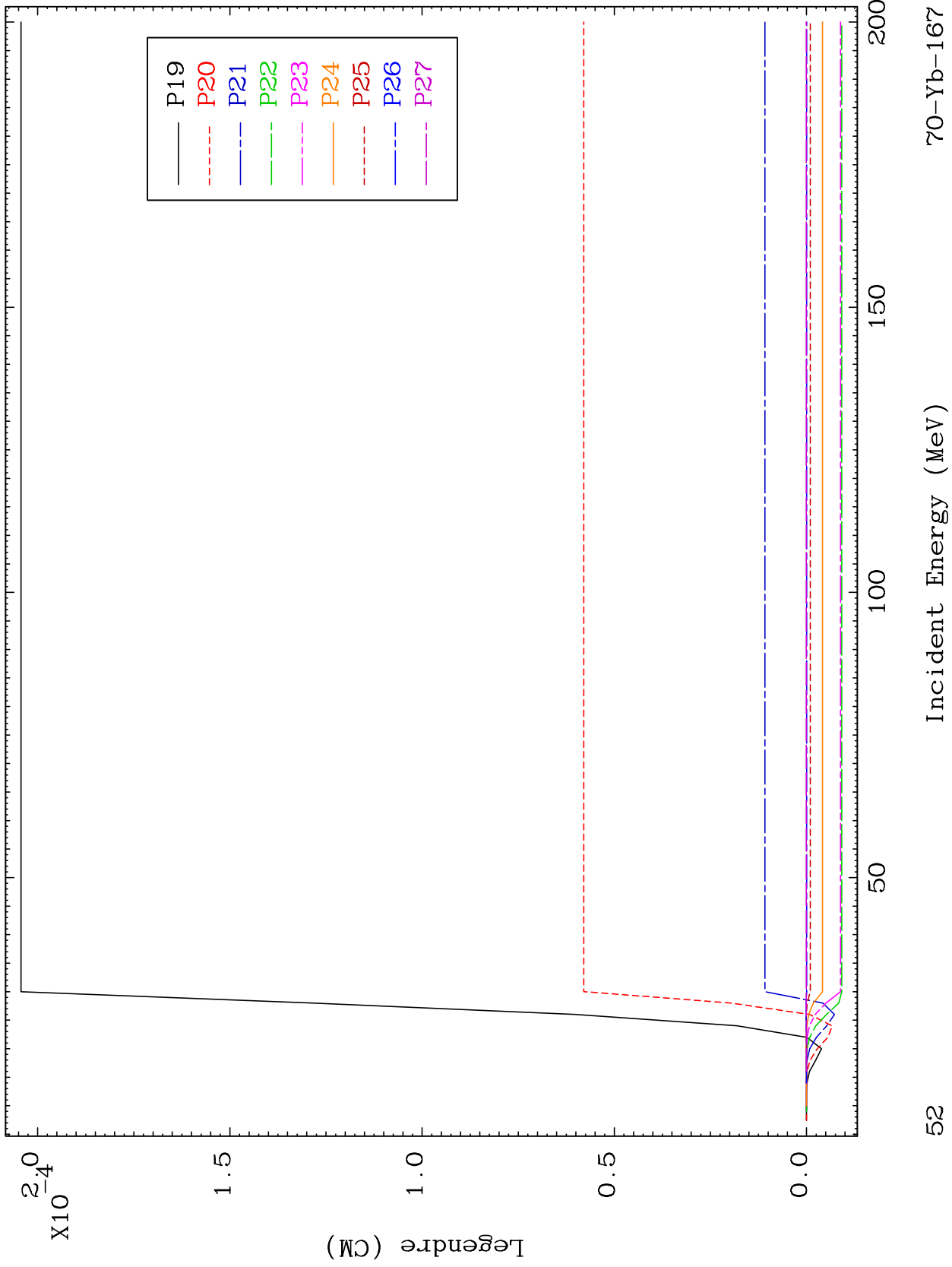
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

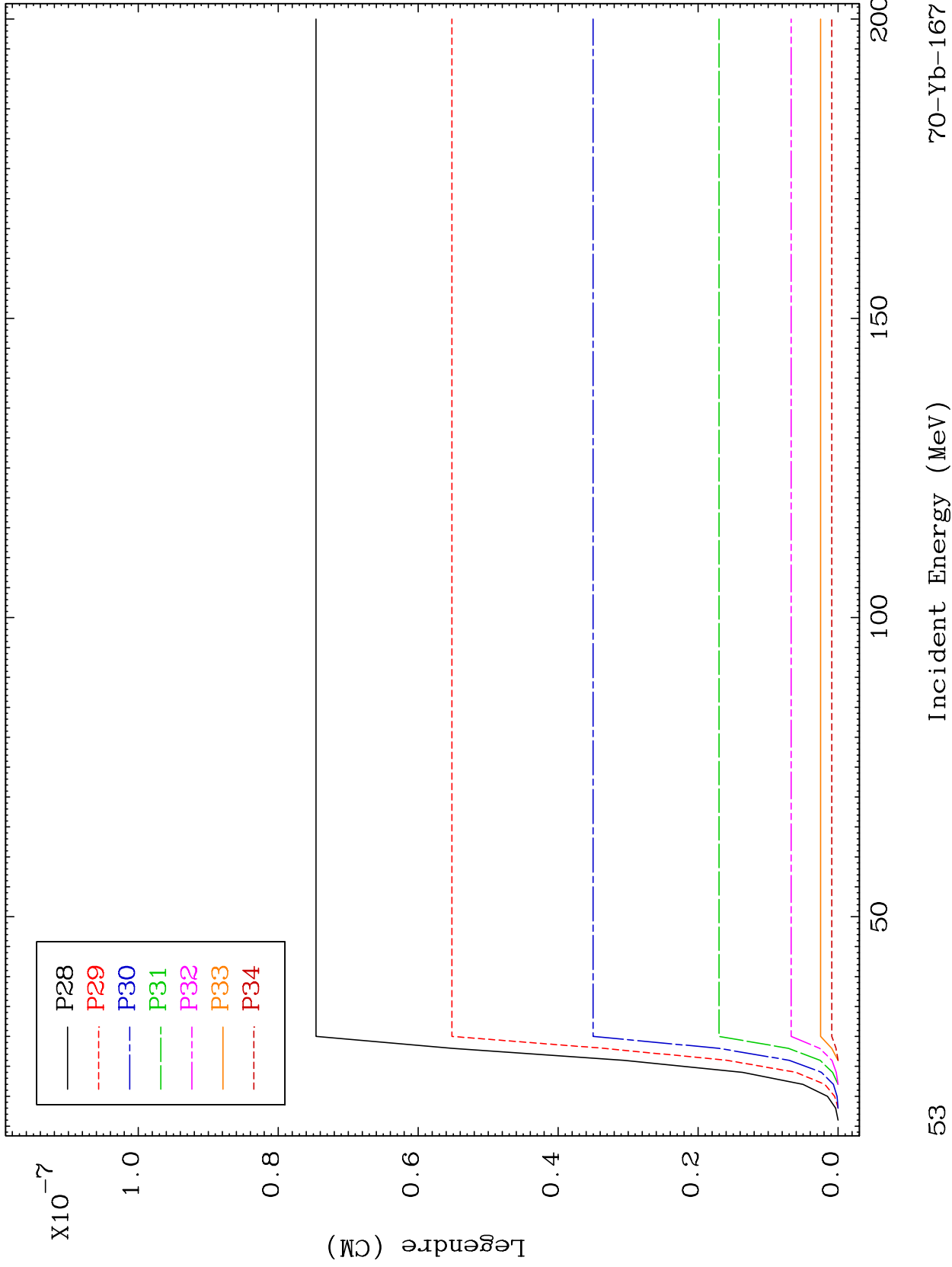
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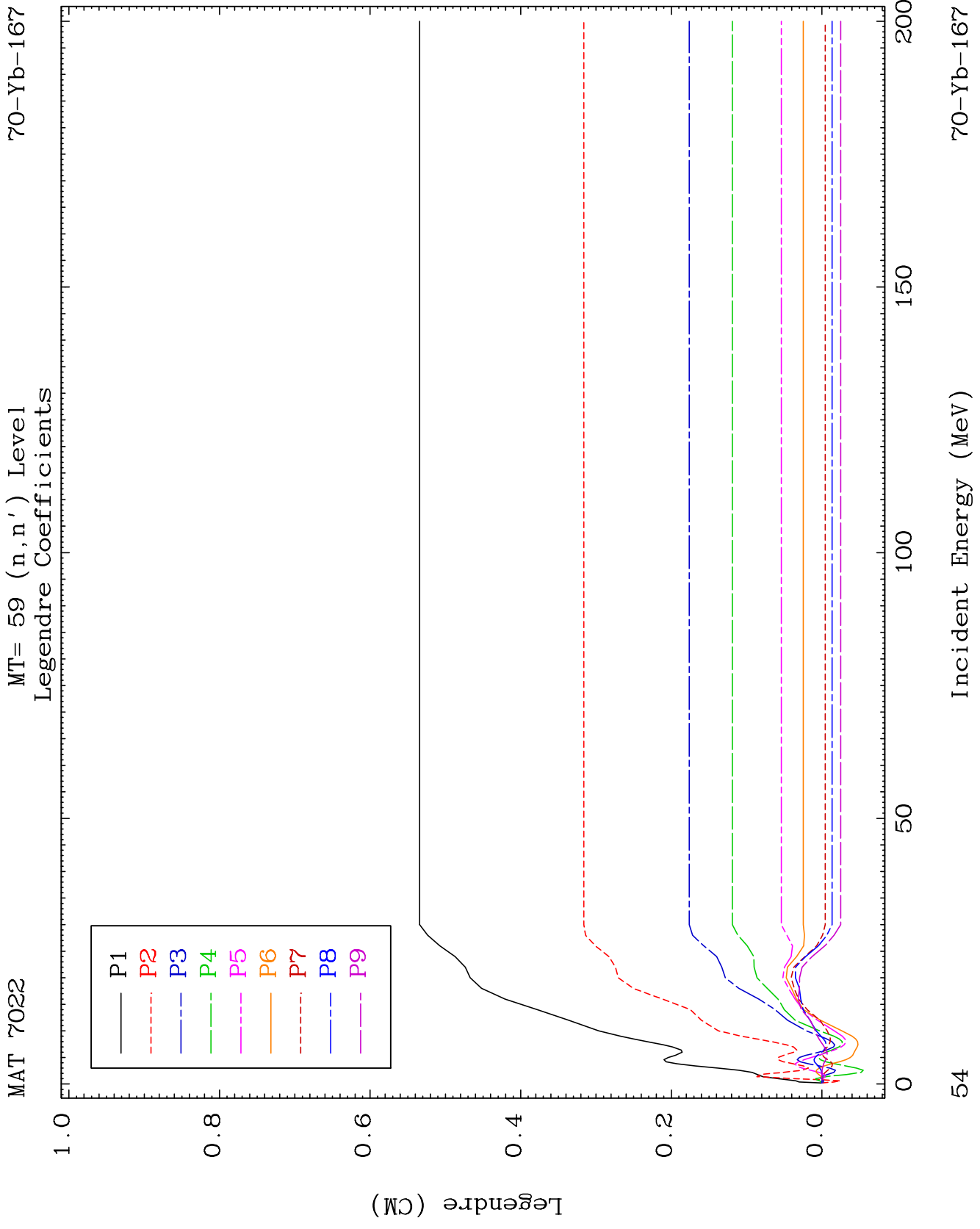


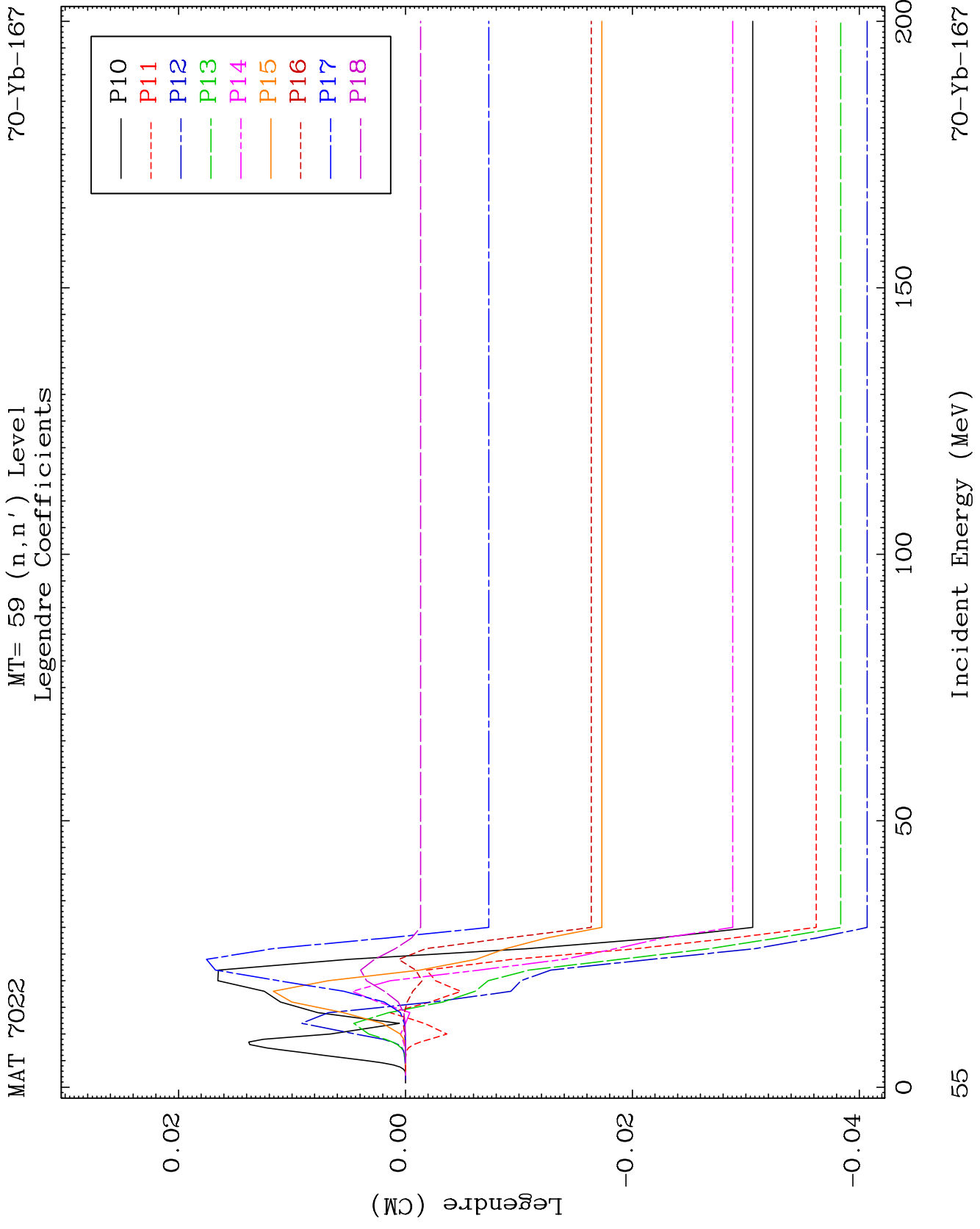
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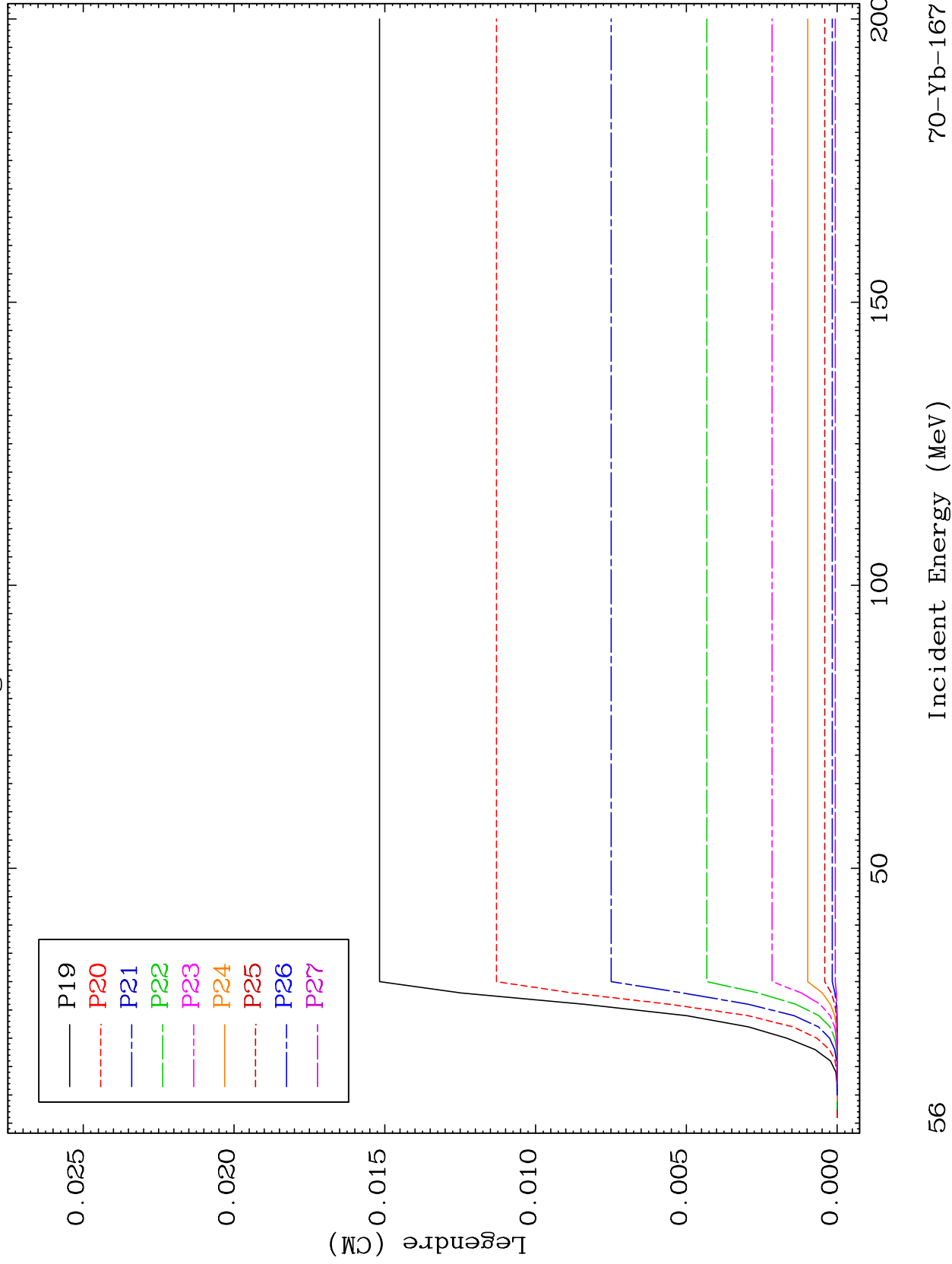
Incident Energy (MeV)

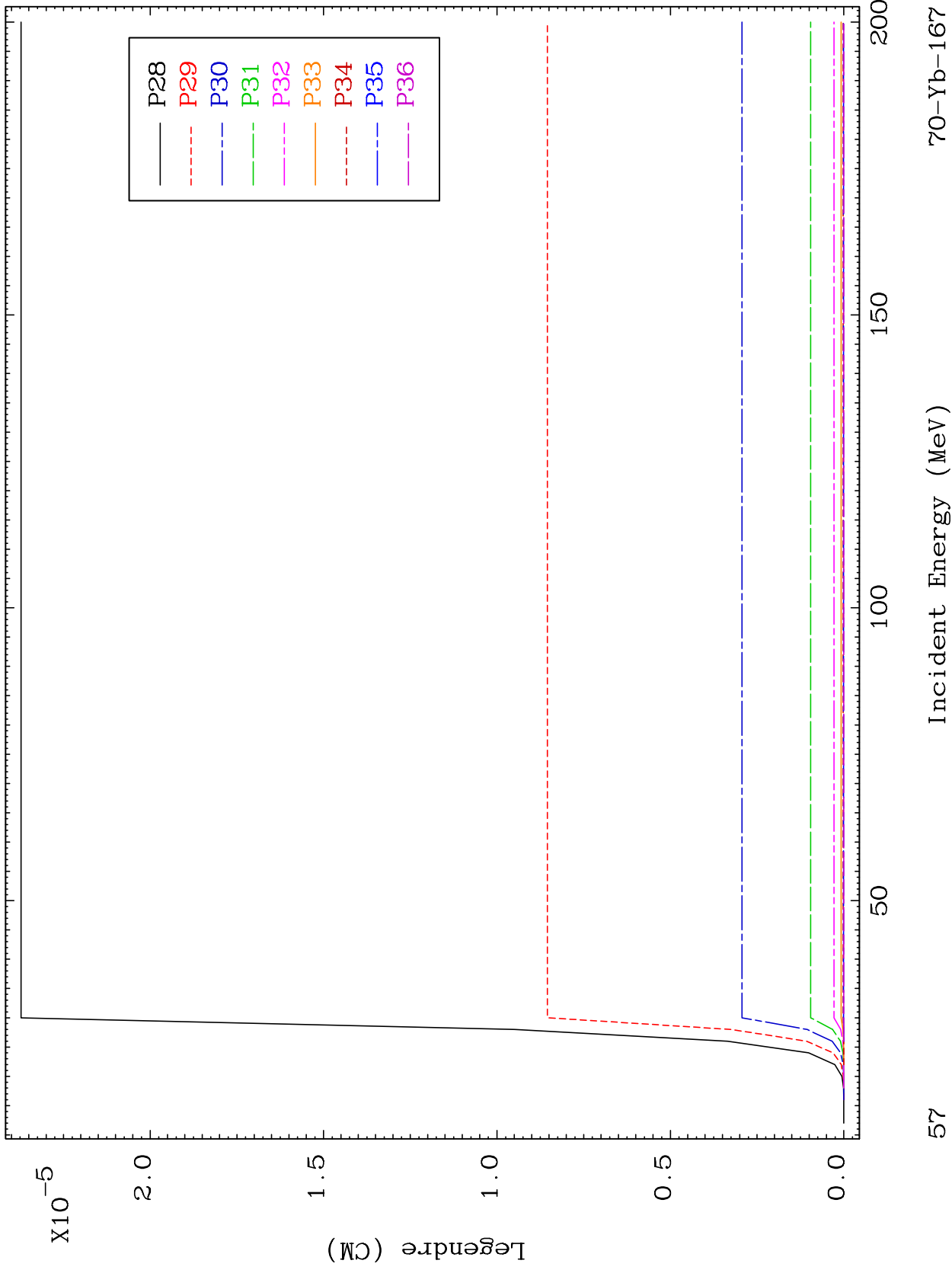
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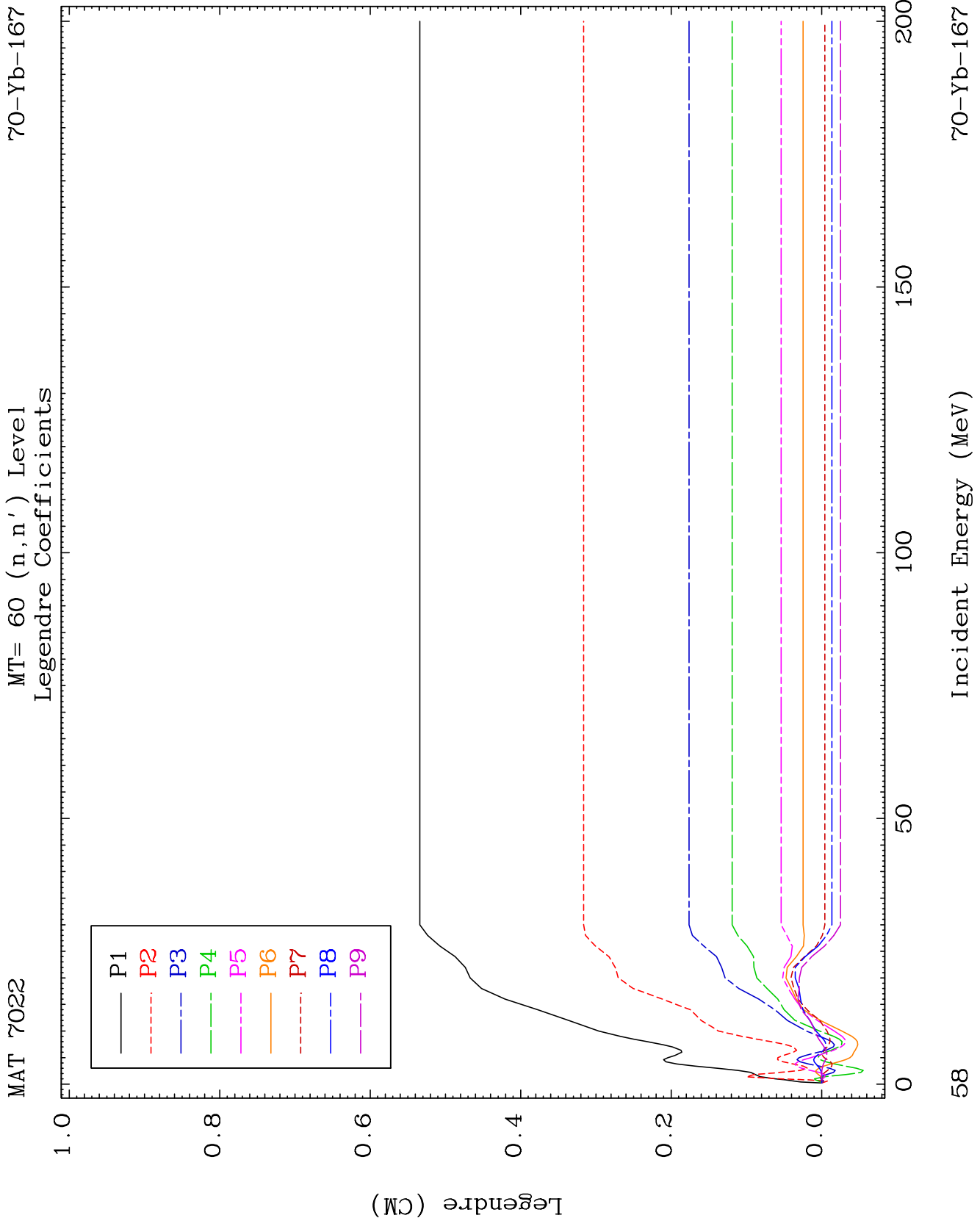








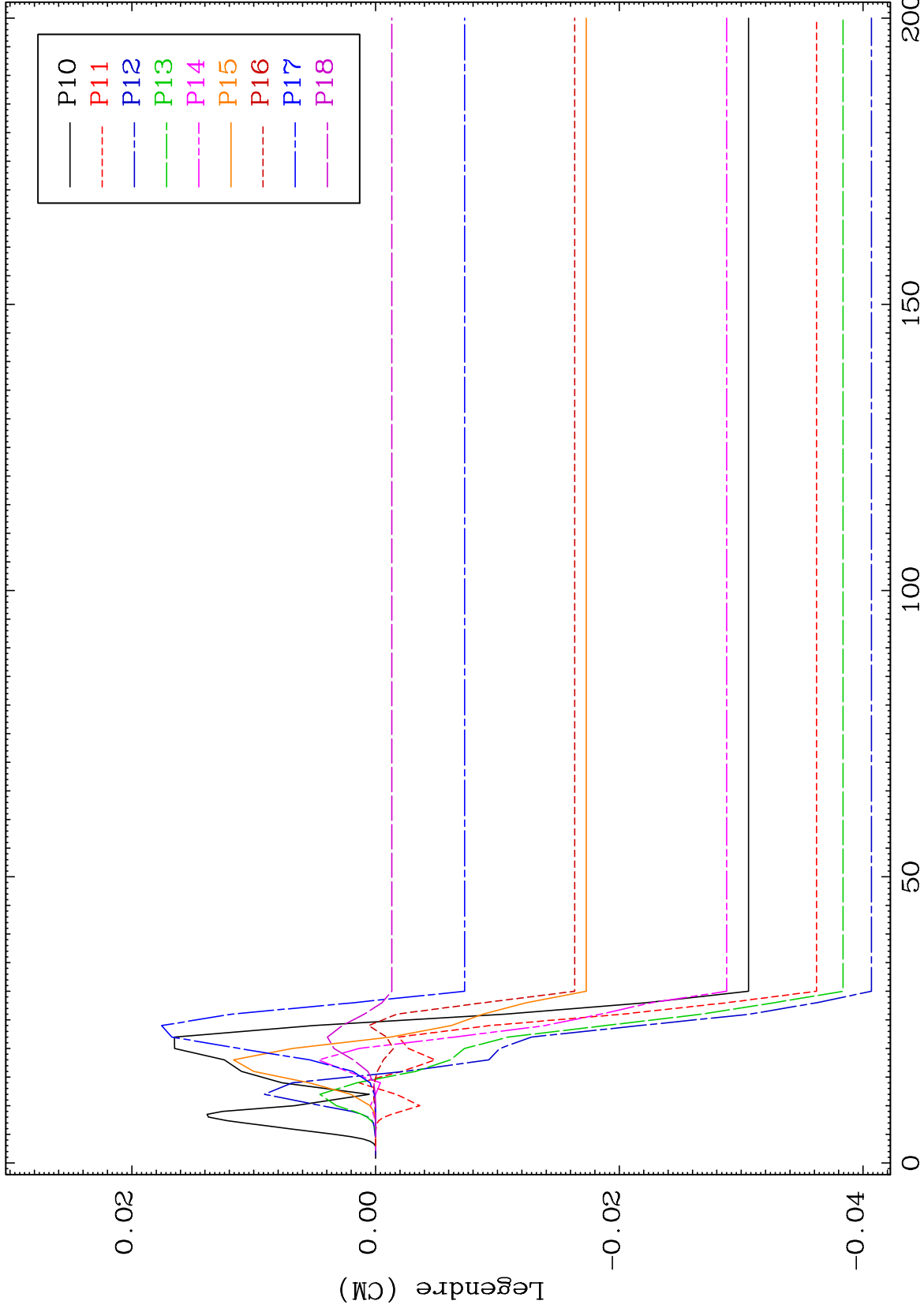




MAT 7022

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

70-Yb-167



59

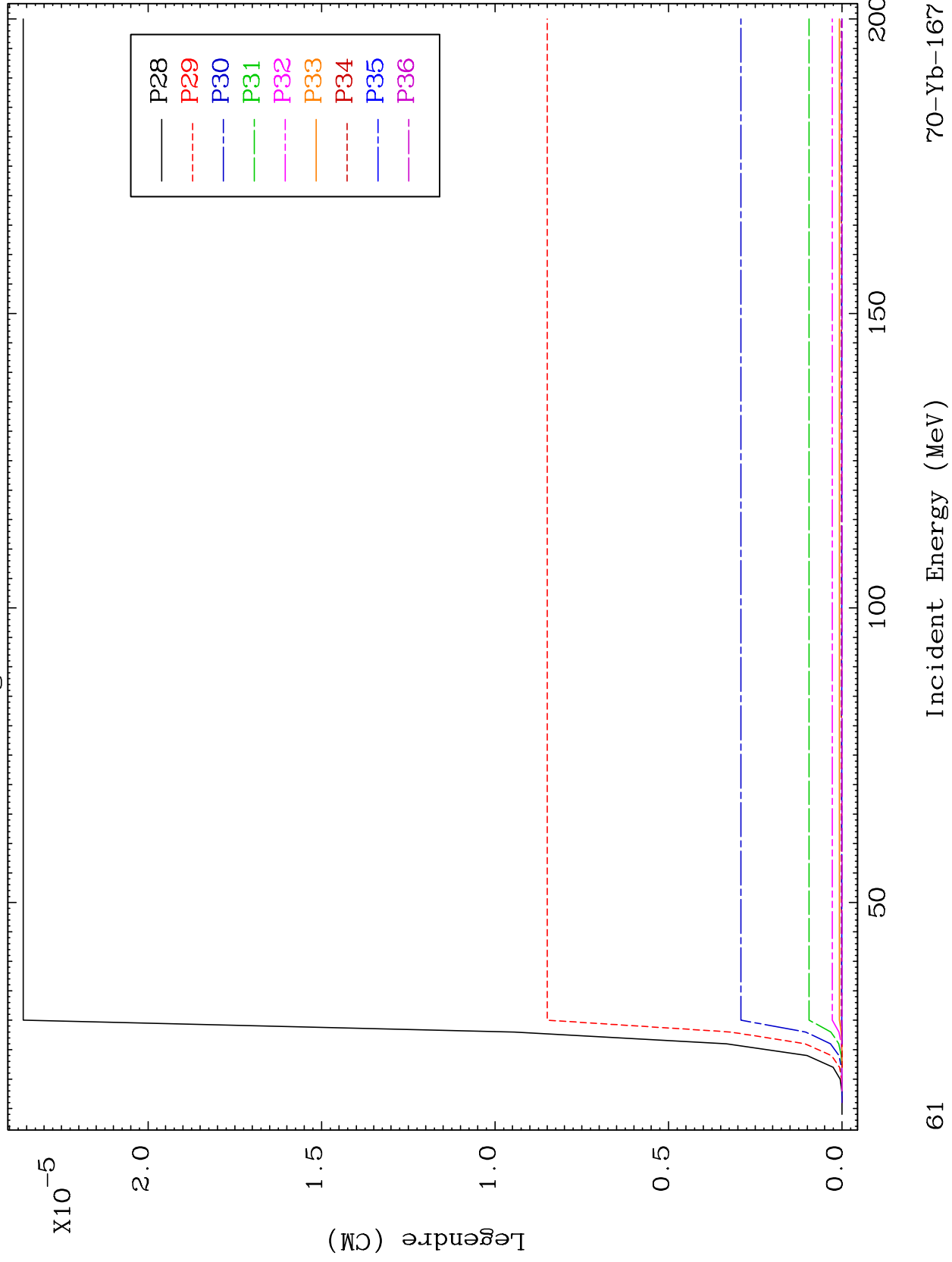
Incident Energy (MeV)

70-Yb-167

MAT 7022

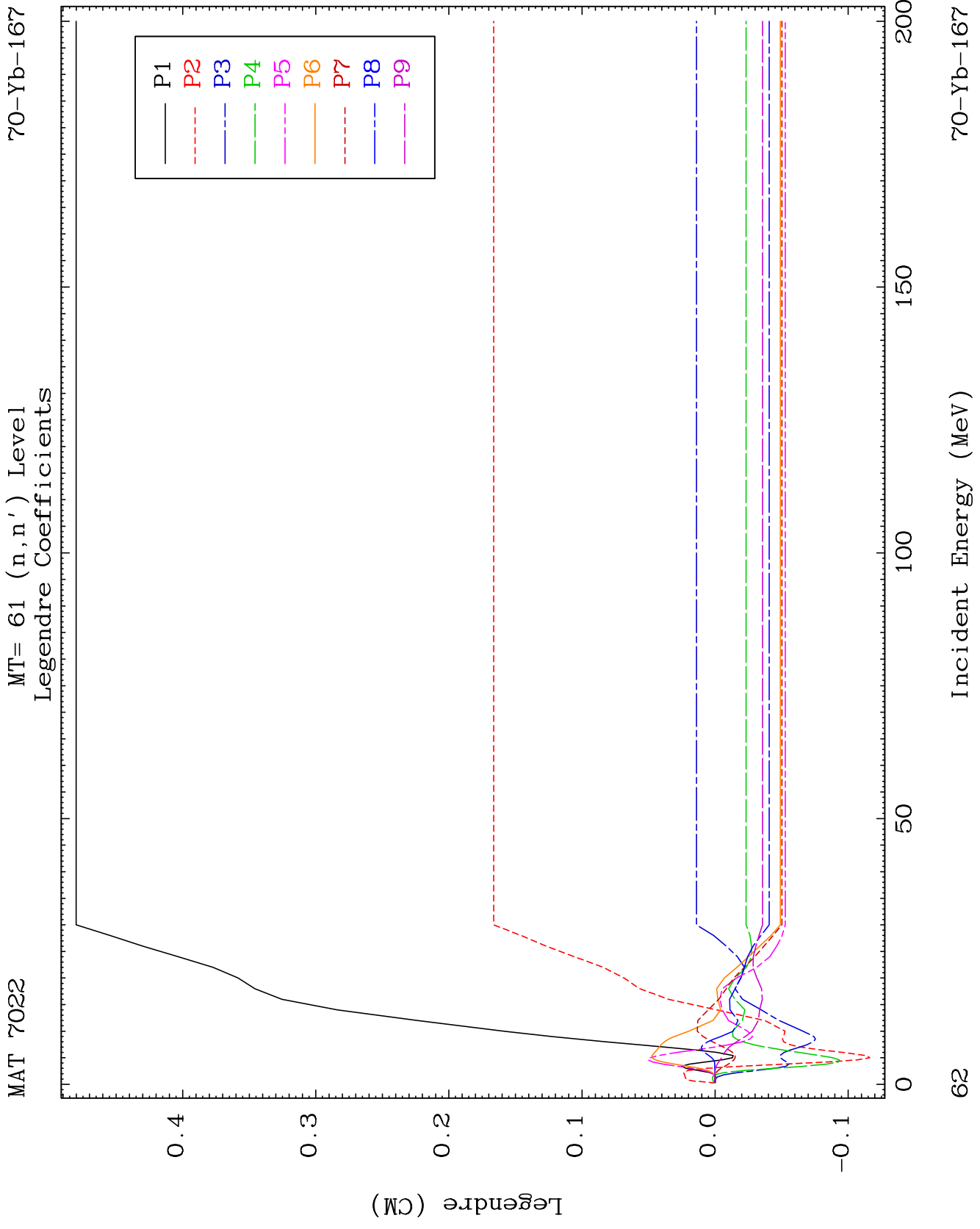
MT= 60 (n,n') Level
Legendre Coefficients

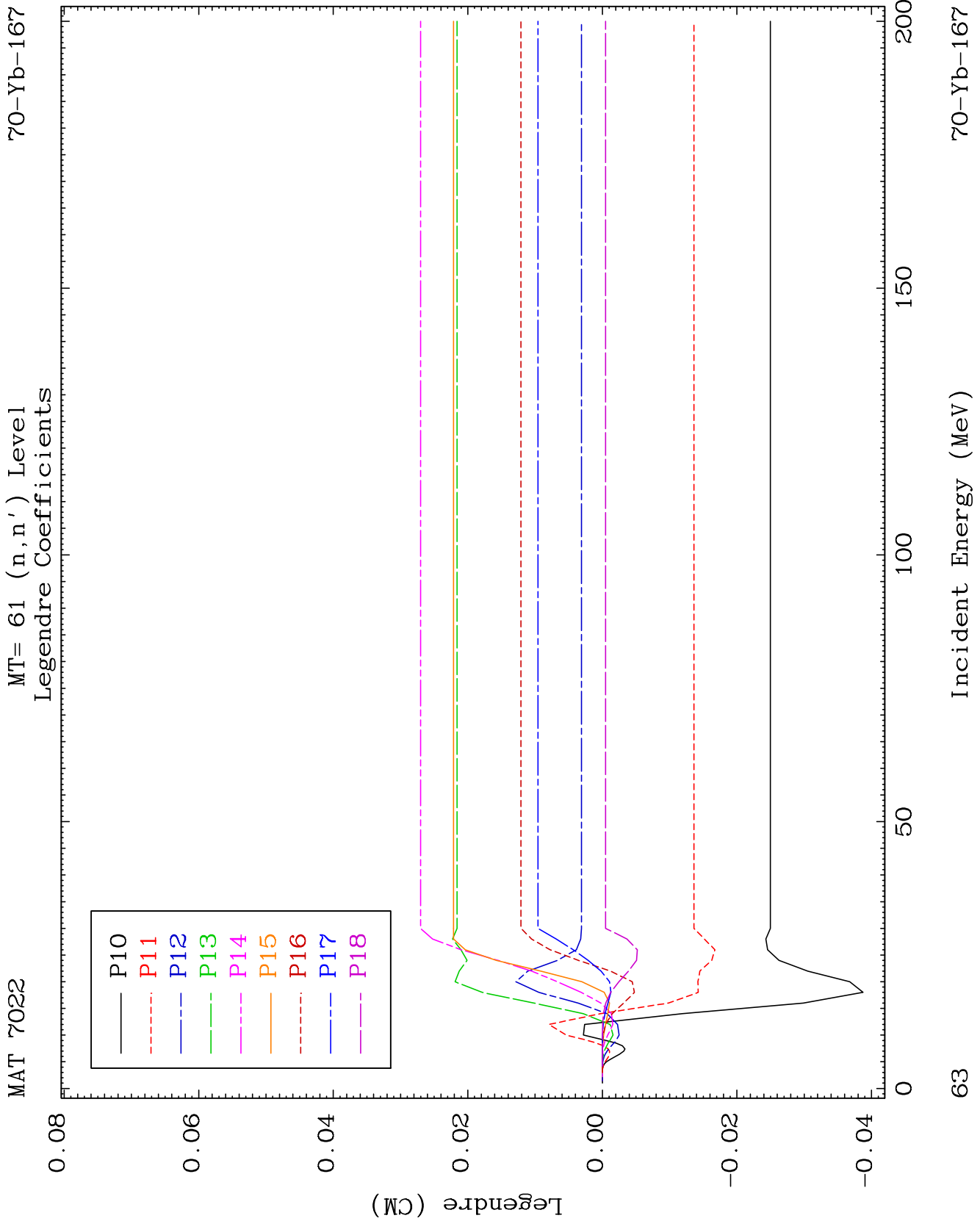
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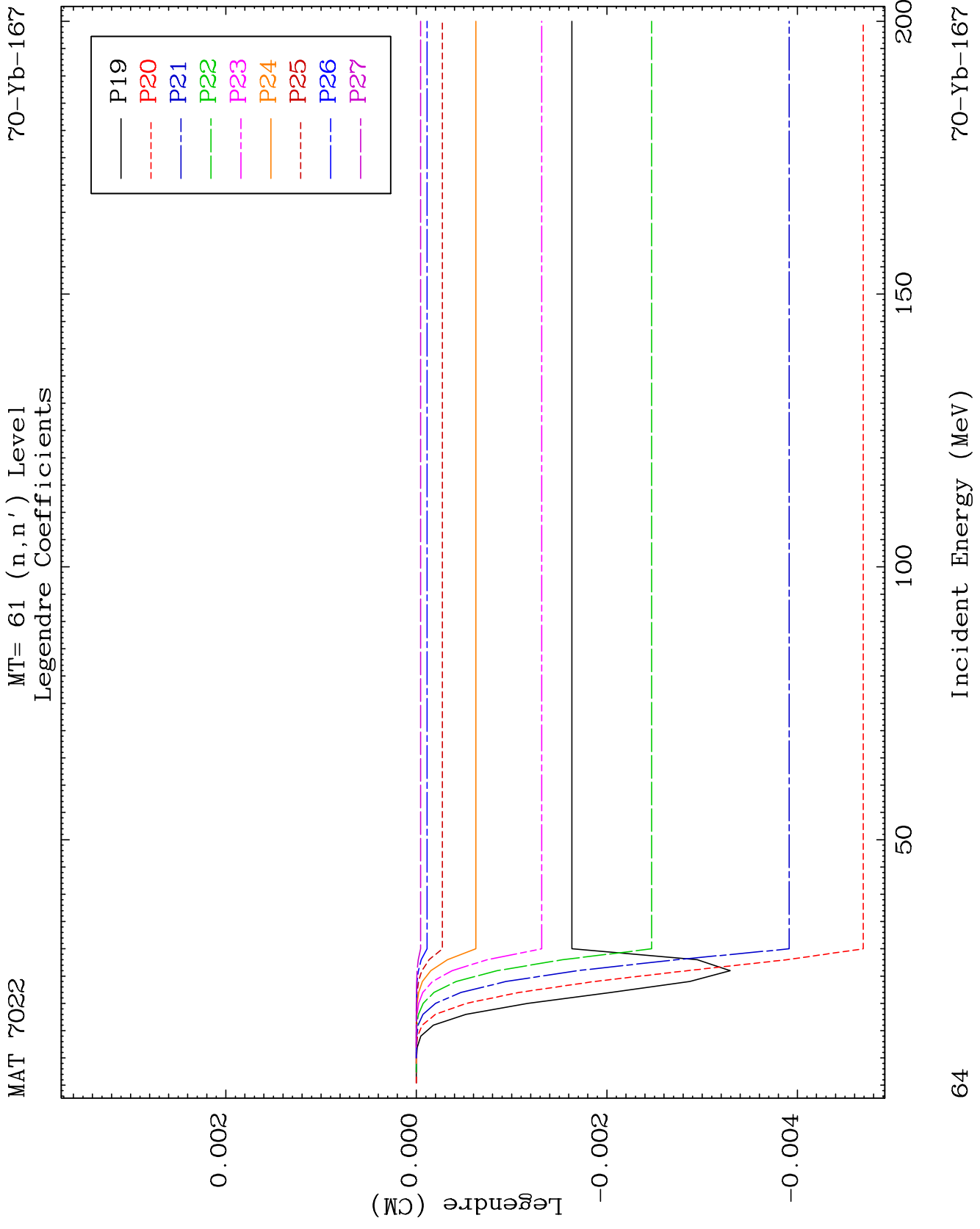


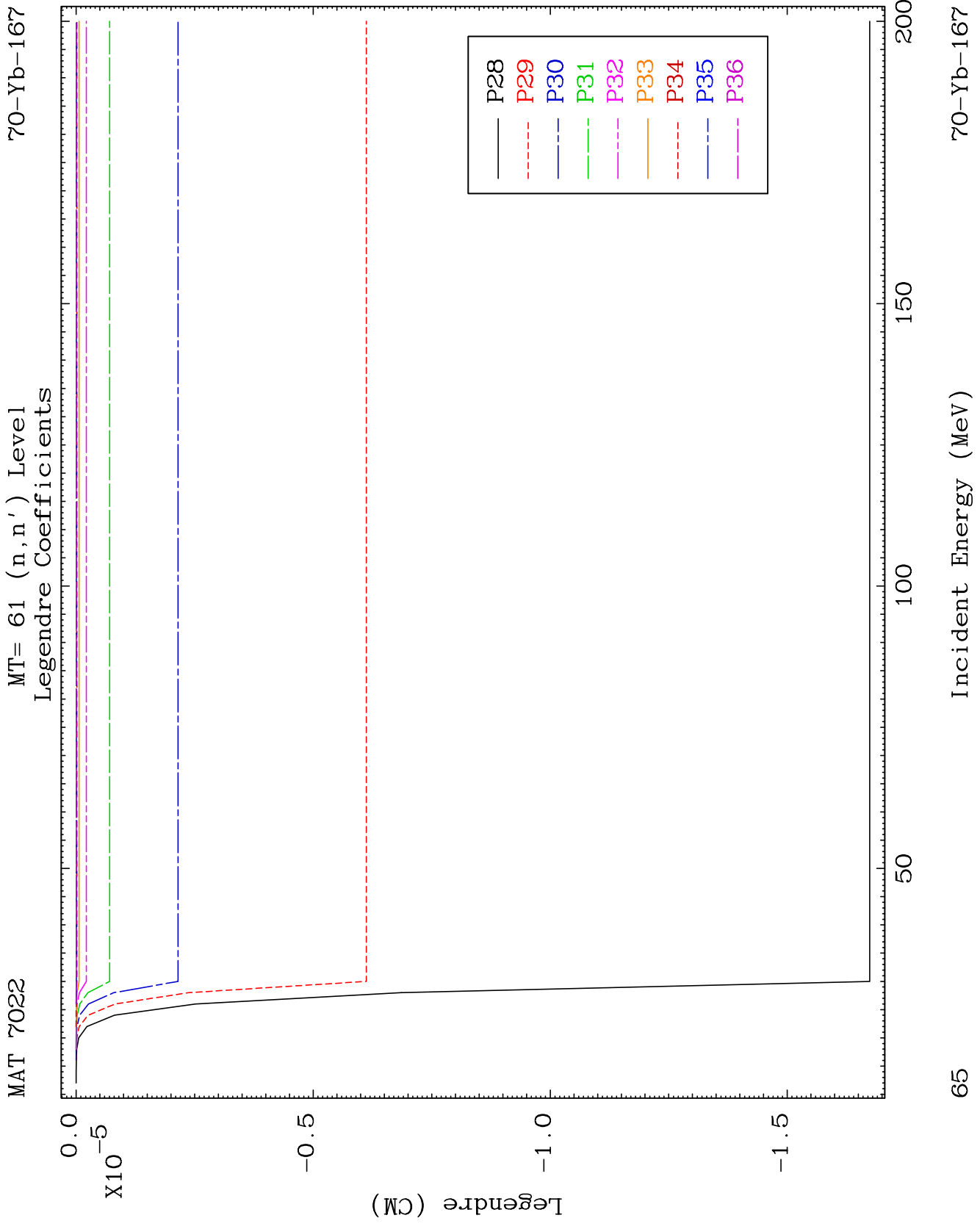
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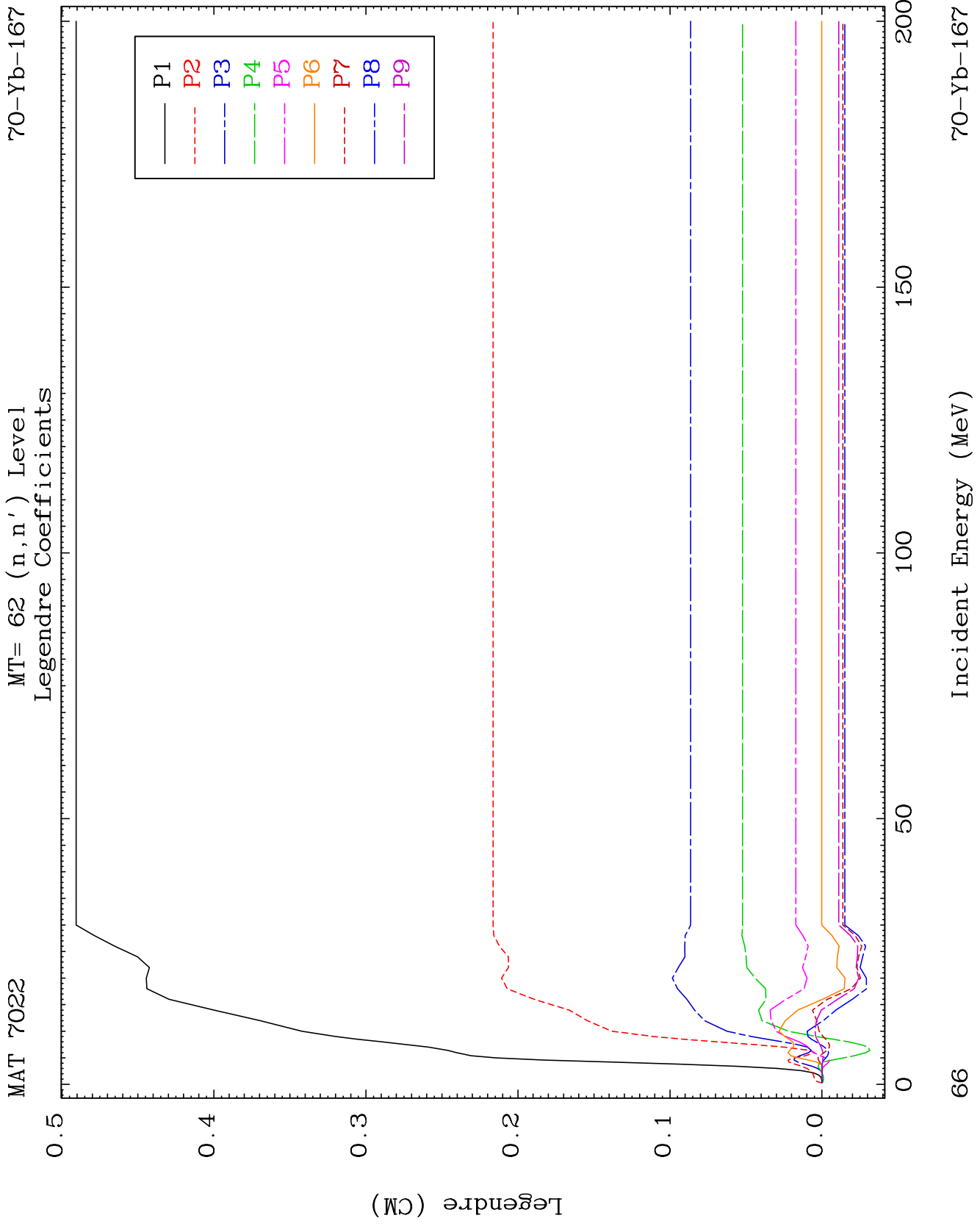
70-Yb-167

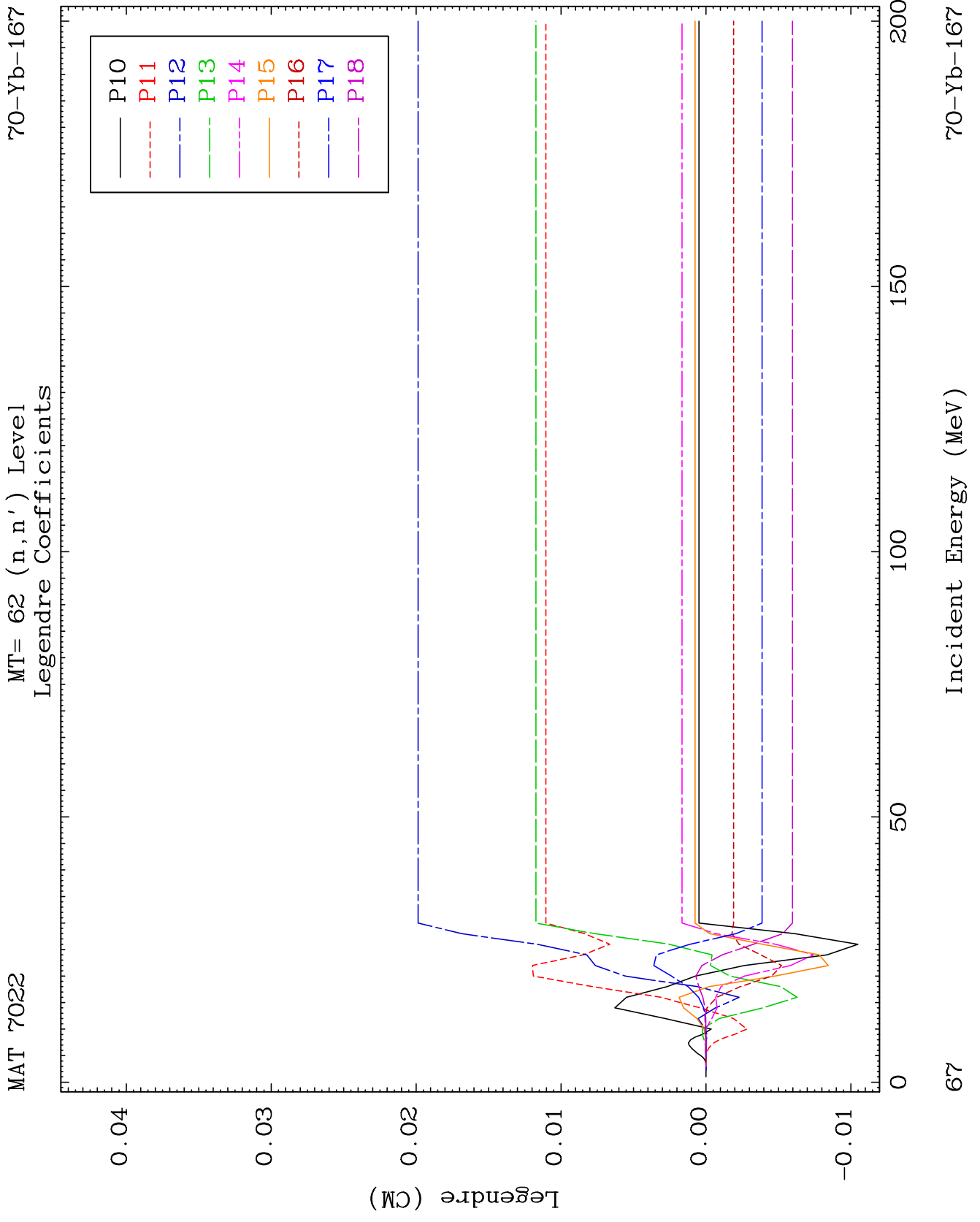








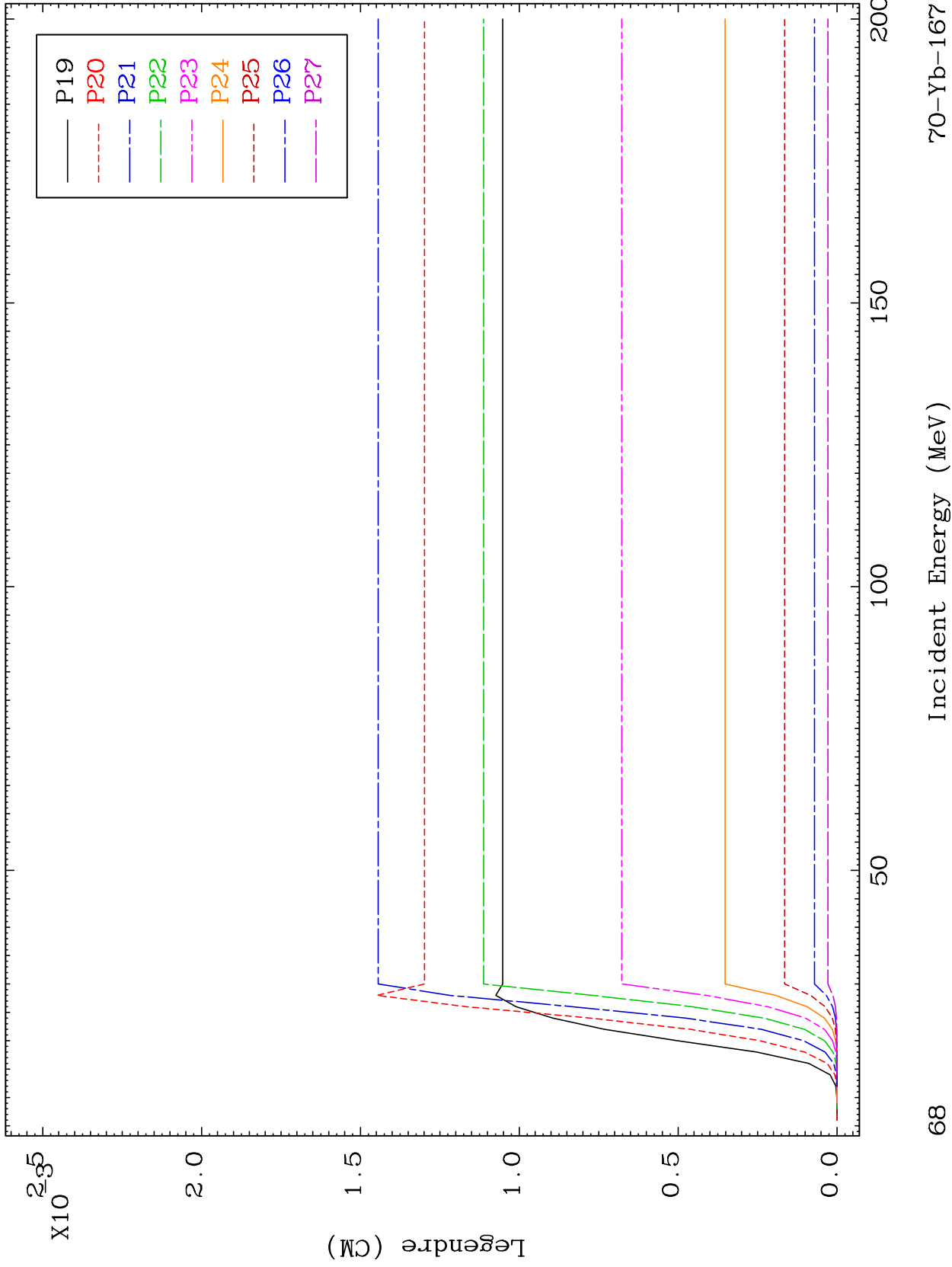




MAT 7022

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

70-Yb-167



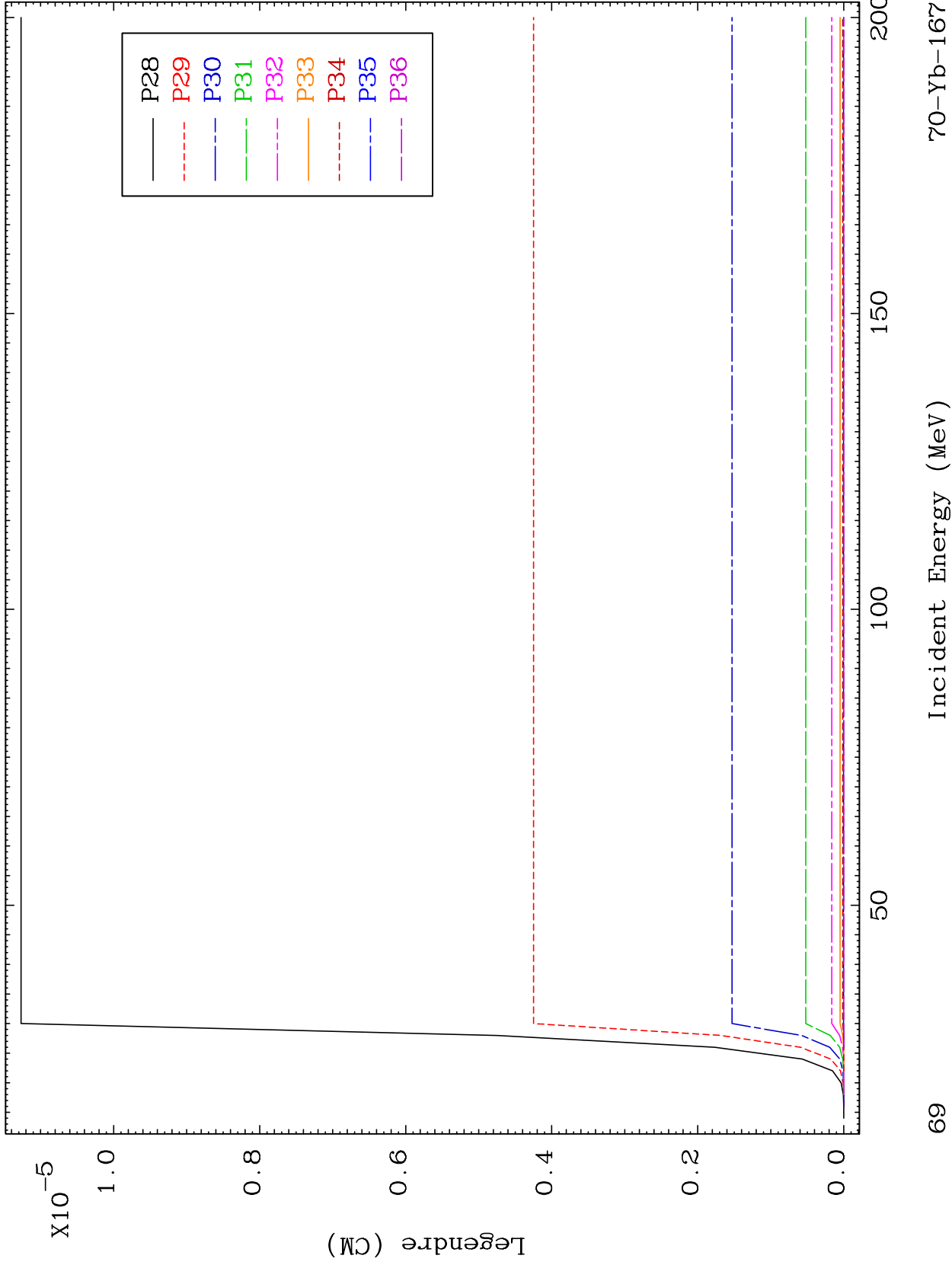
68

70-Yb-167

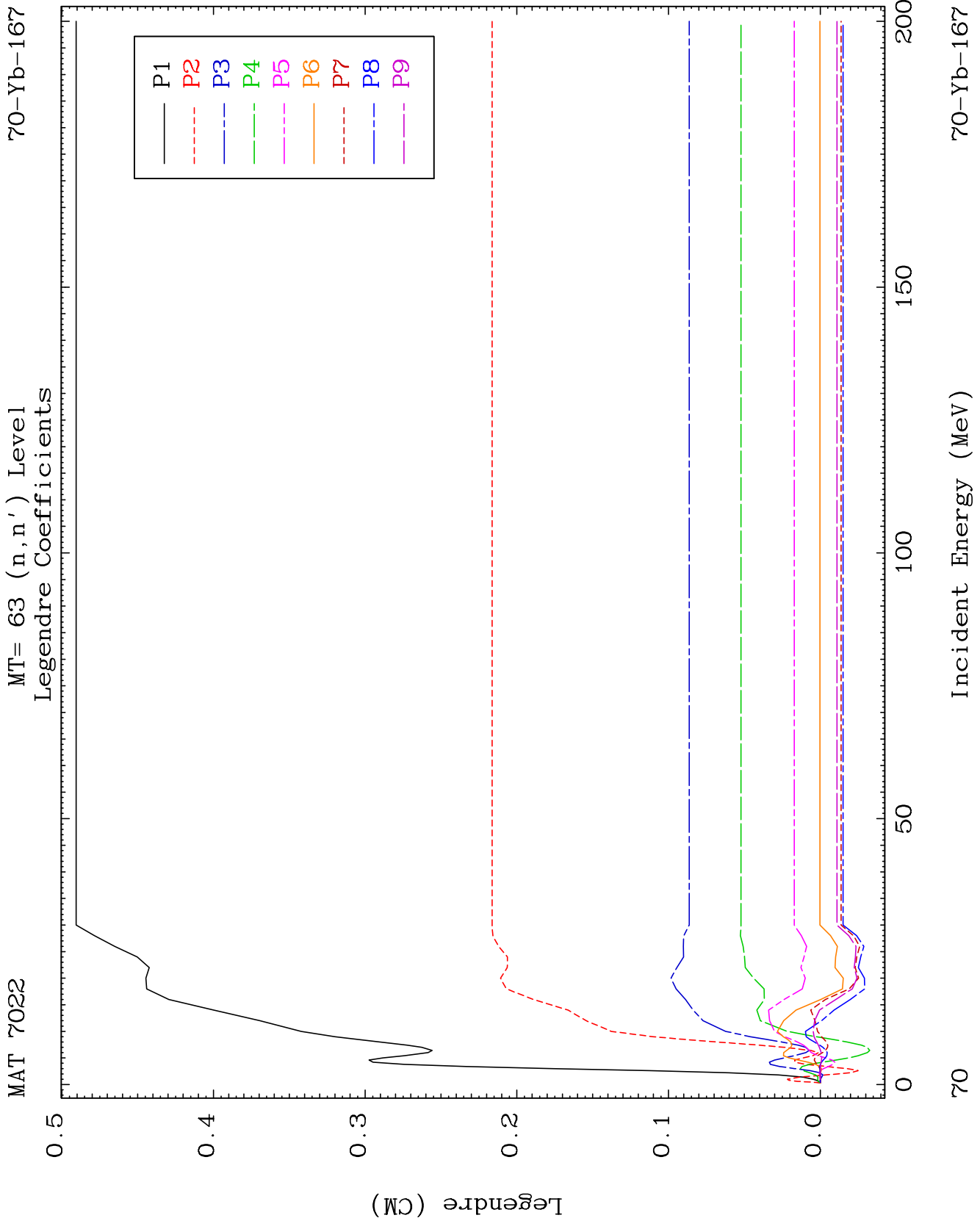
MAT 7022

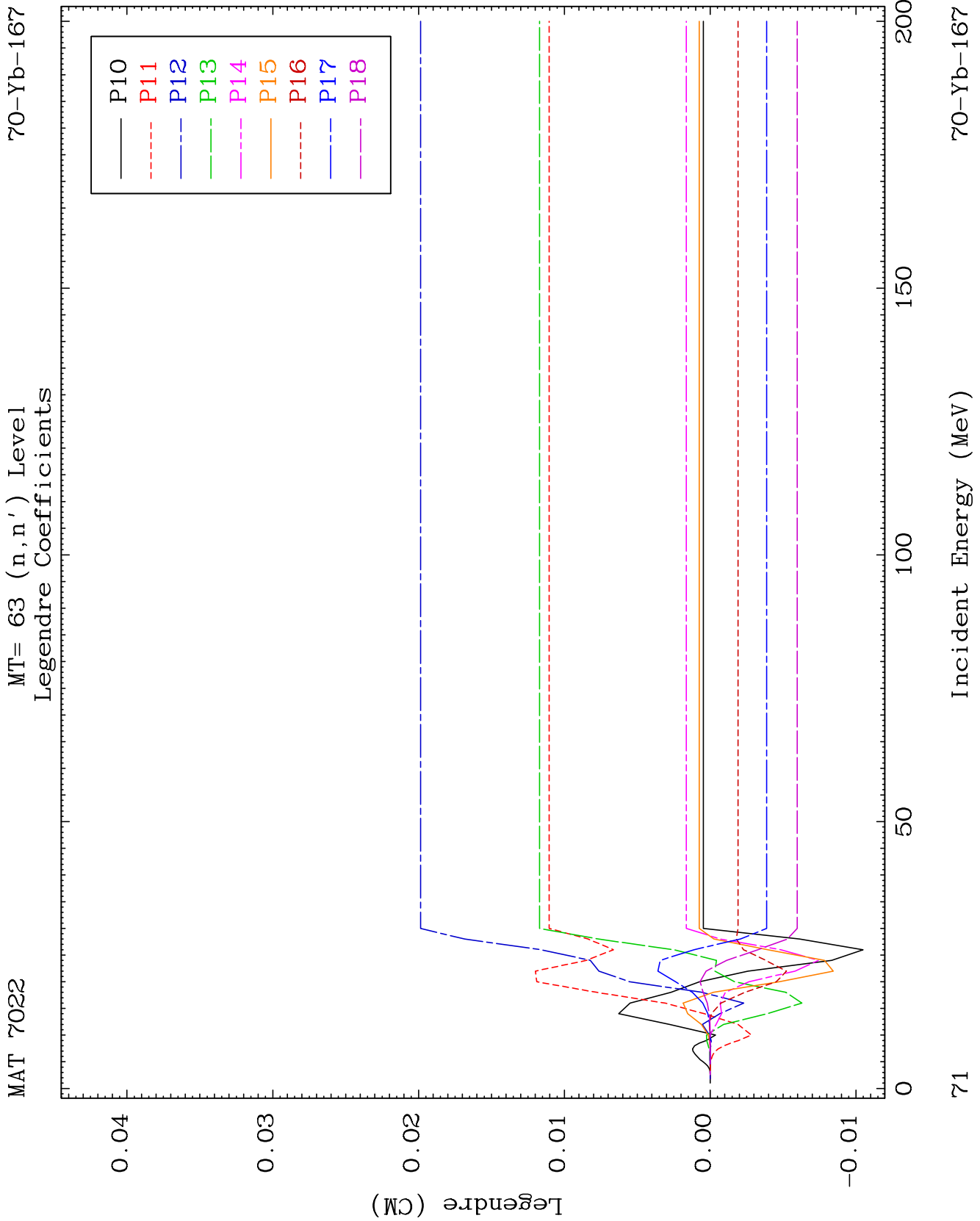
MT= 62 (n,n') Level
Legendre Coefficients

70-Yb-167



69

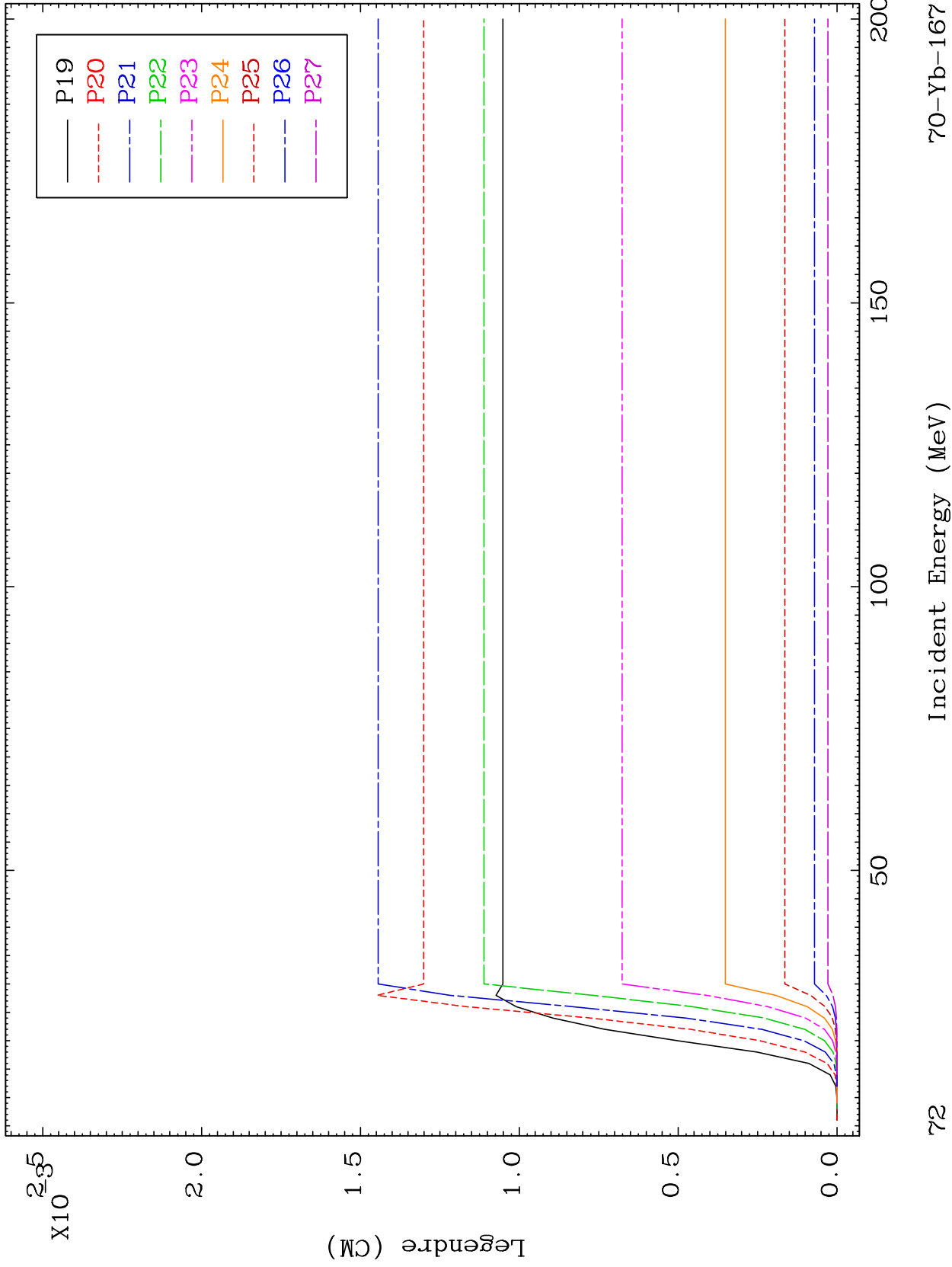




MAT 7022

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

70-Yb-167

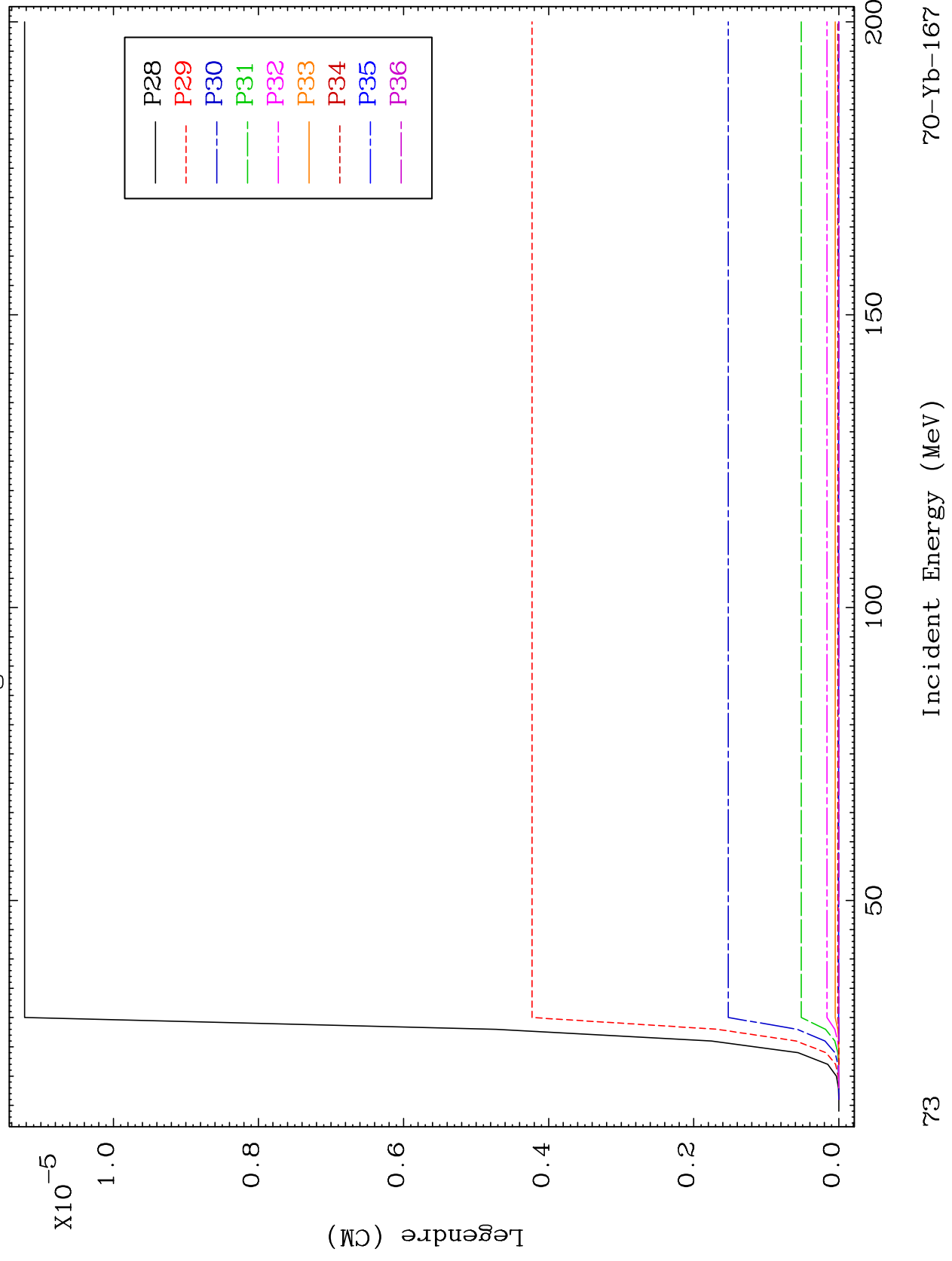


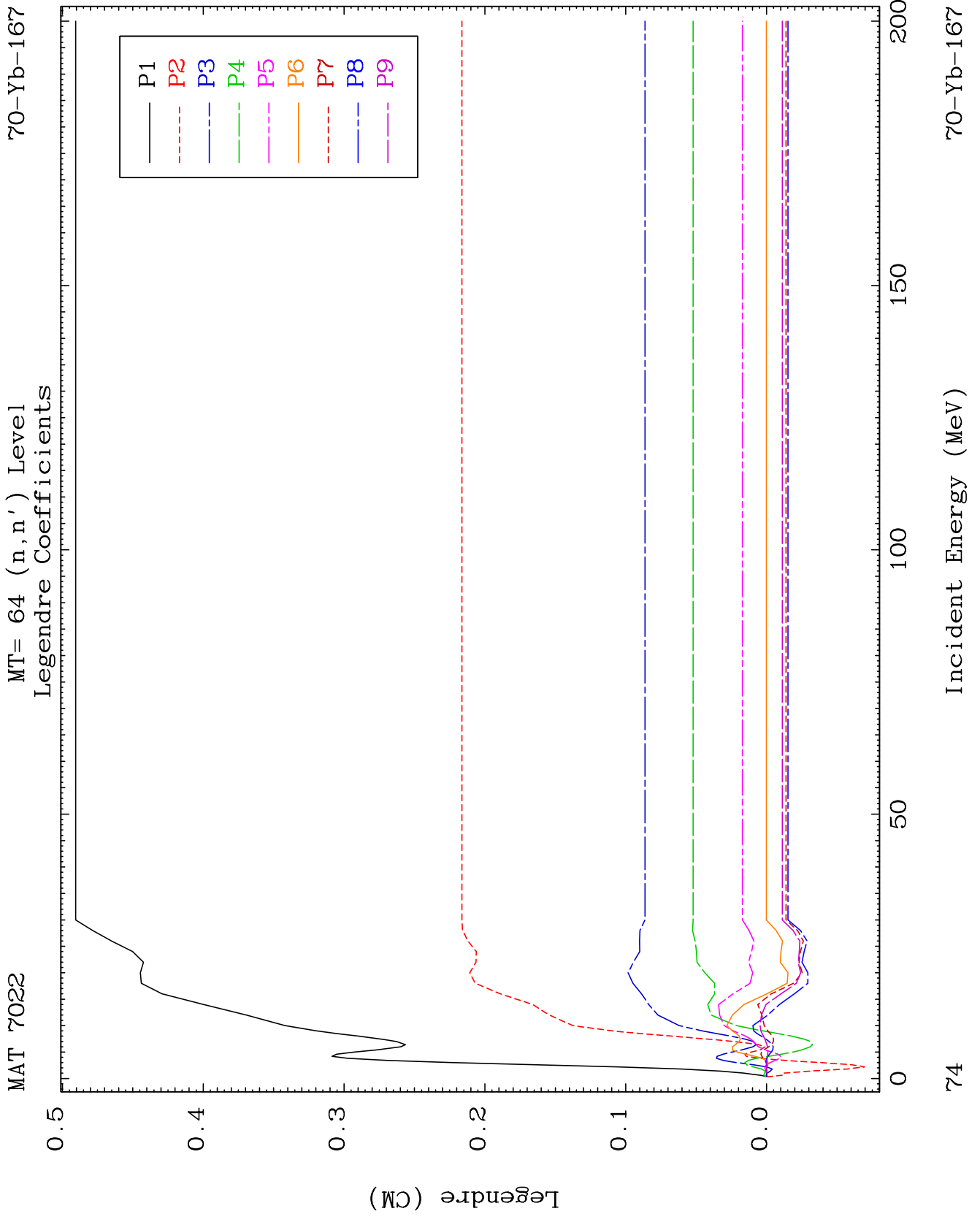
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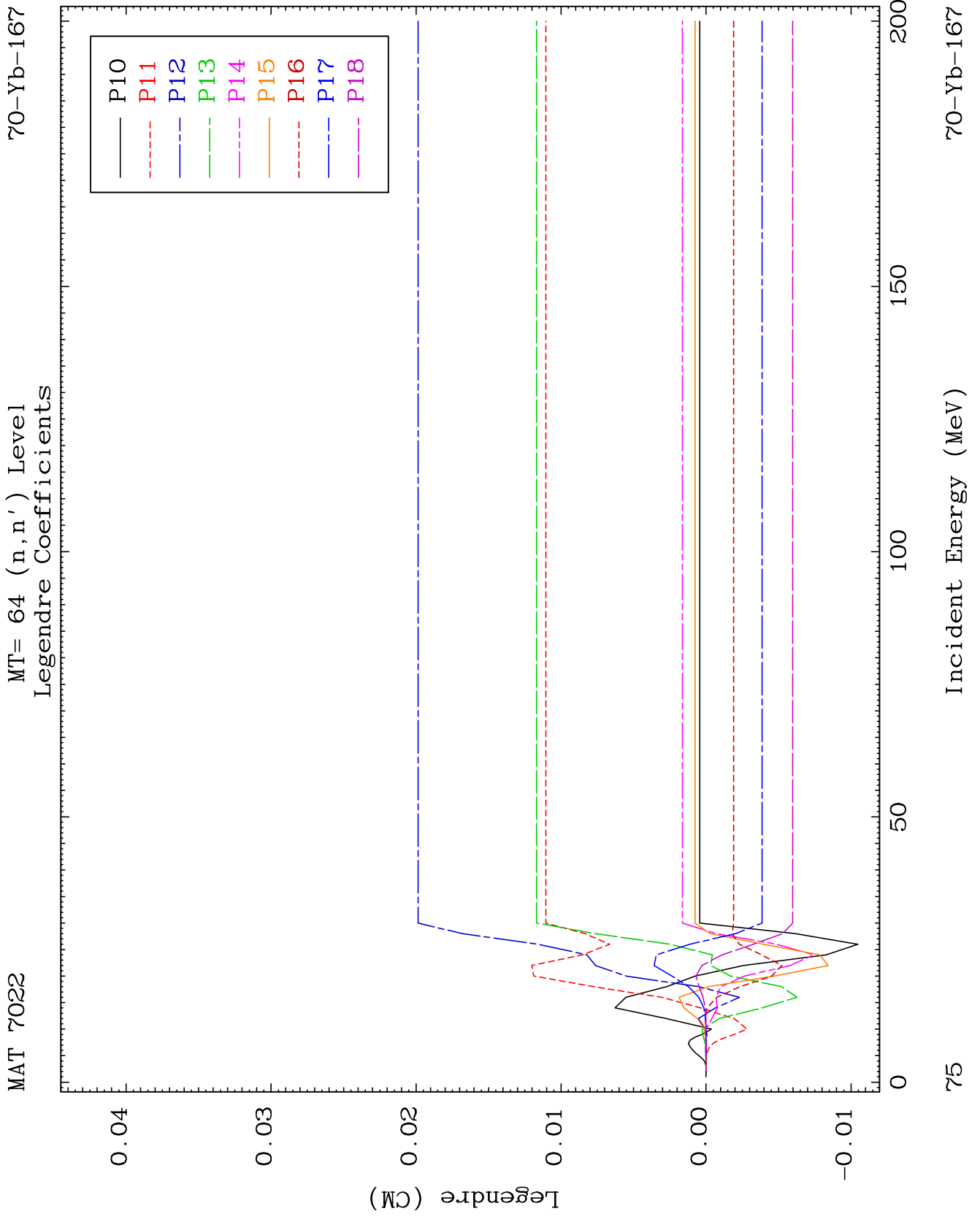
MAT 7022

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

70-Yb-167



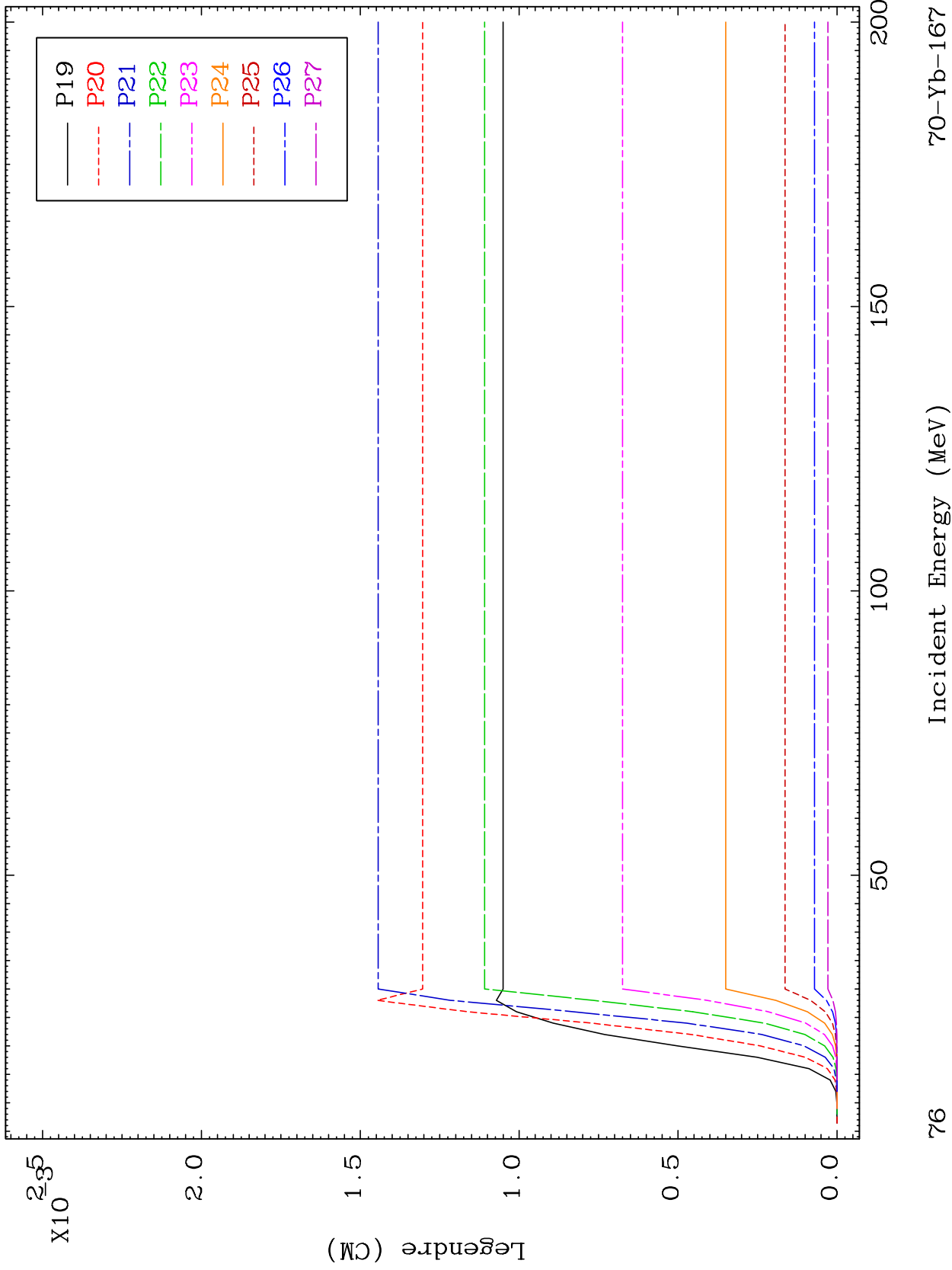




MAT 7022

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

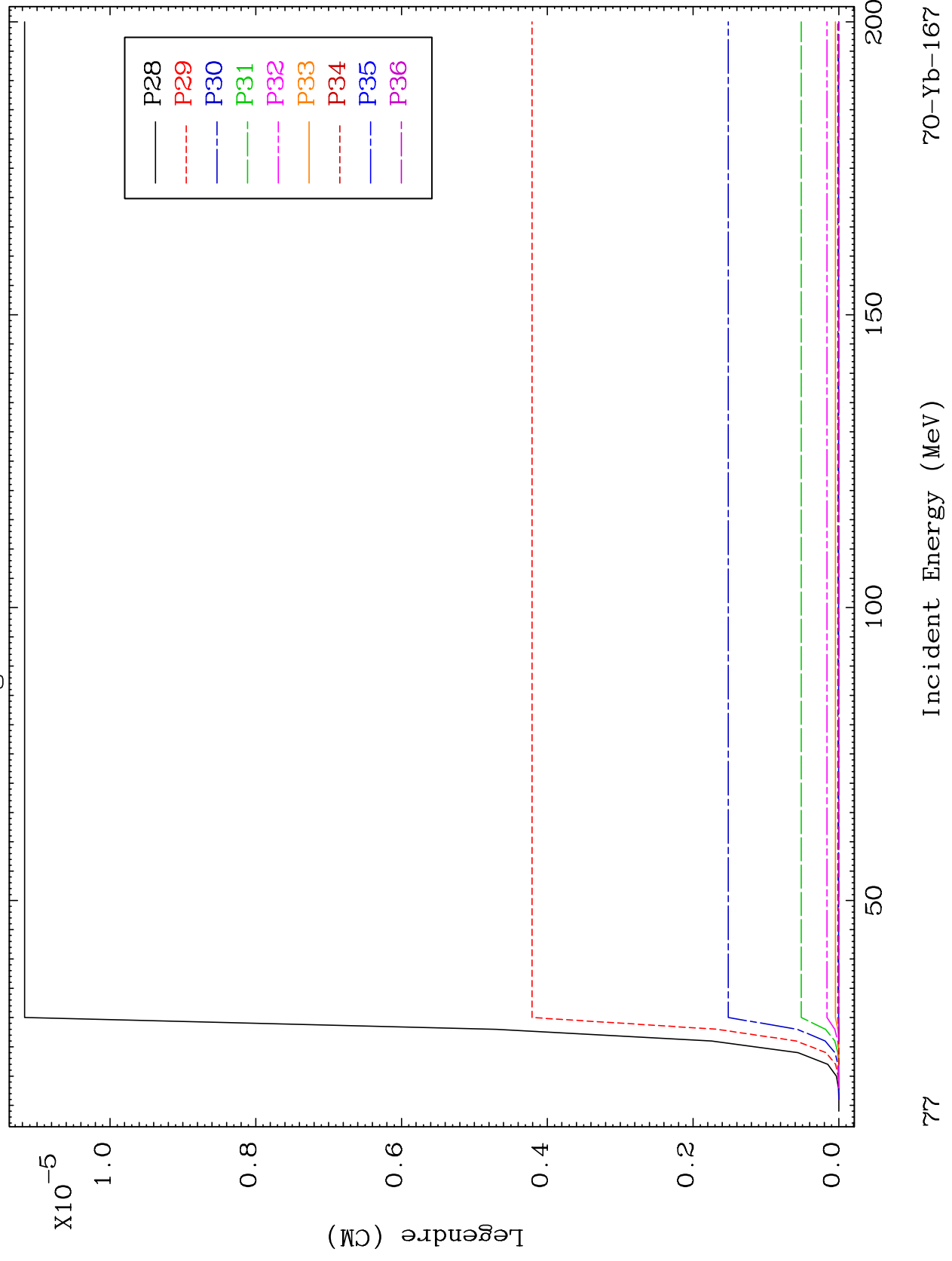
70-Yb-167



MAT 7022

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

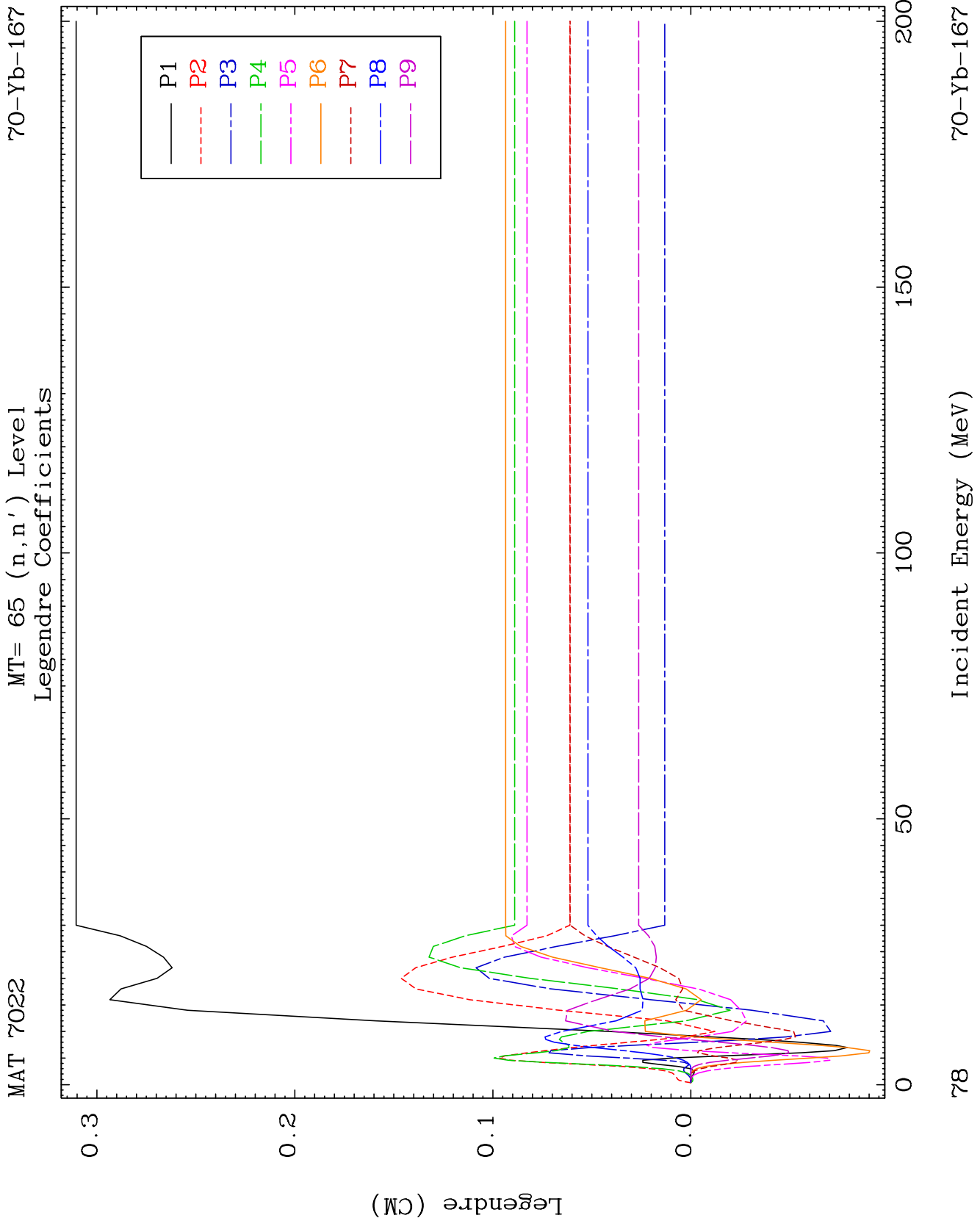
70-Yb-167



70-Yb-167

Incident Energy (MeV)

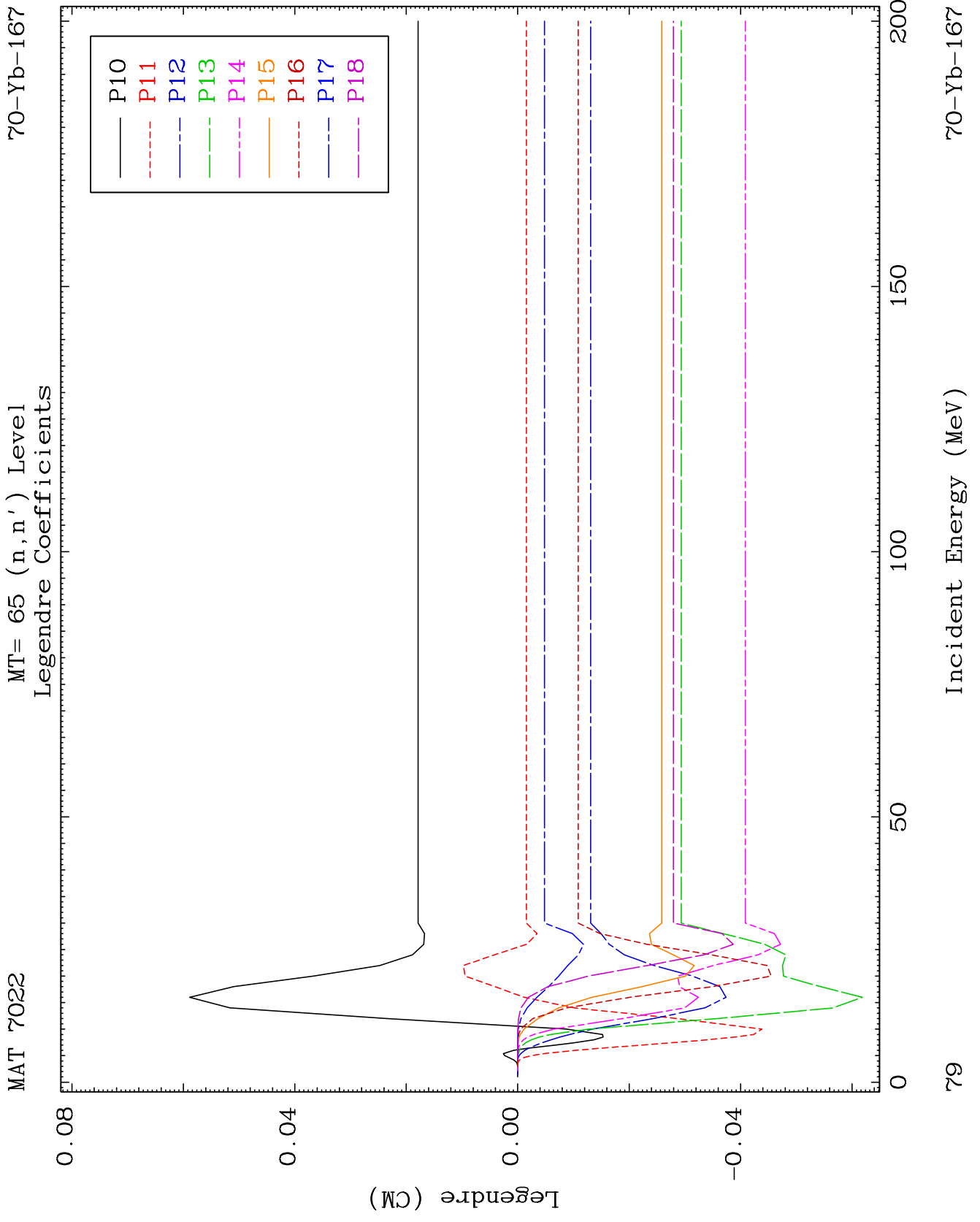
77

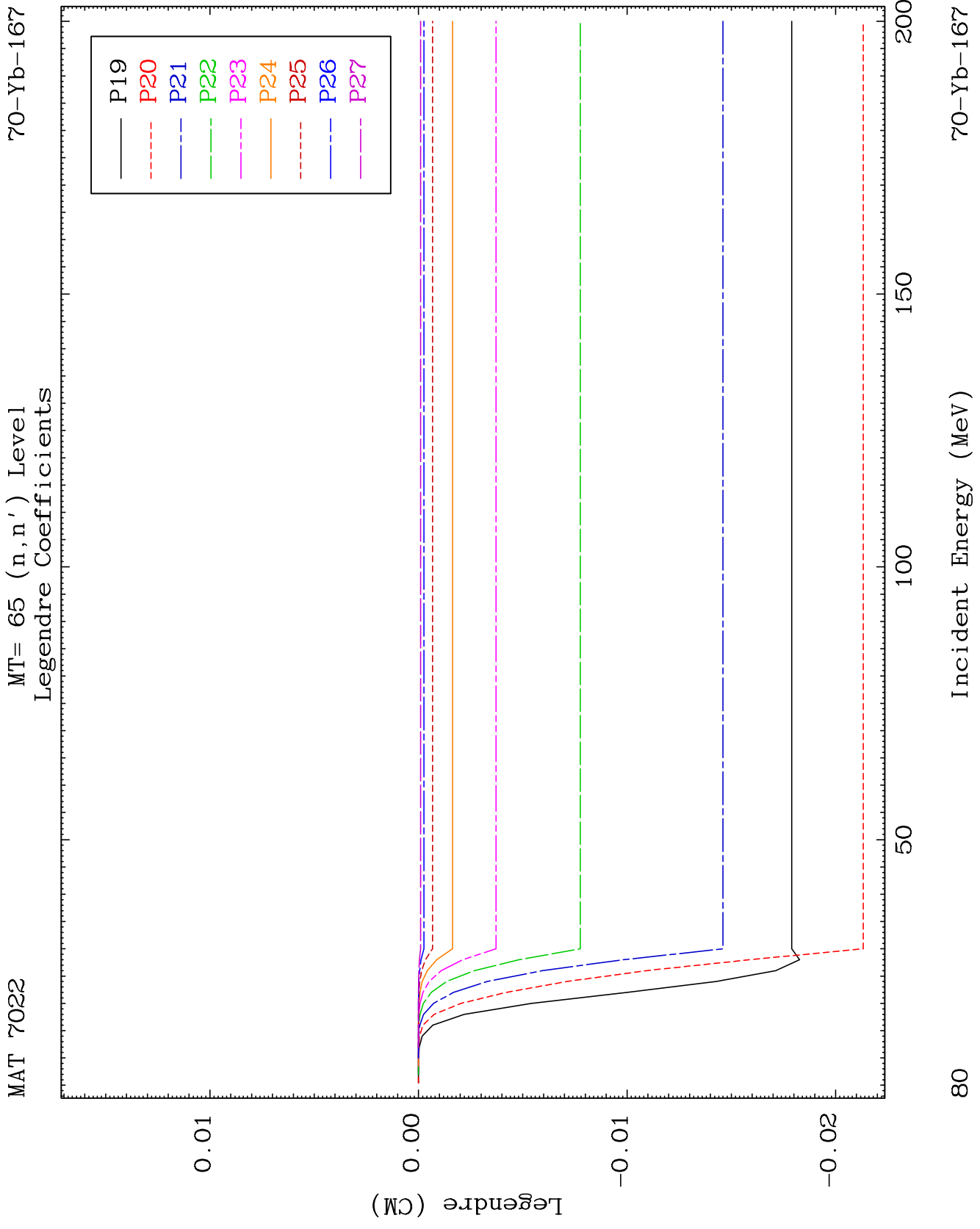


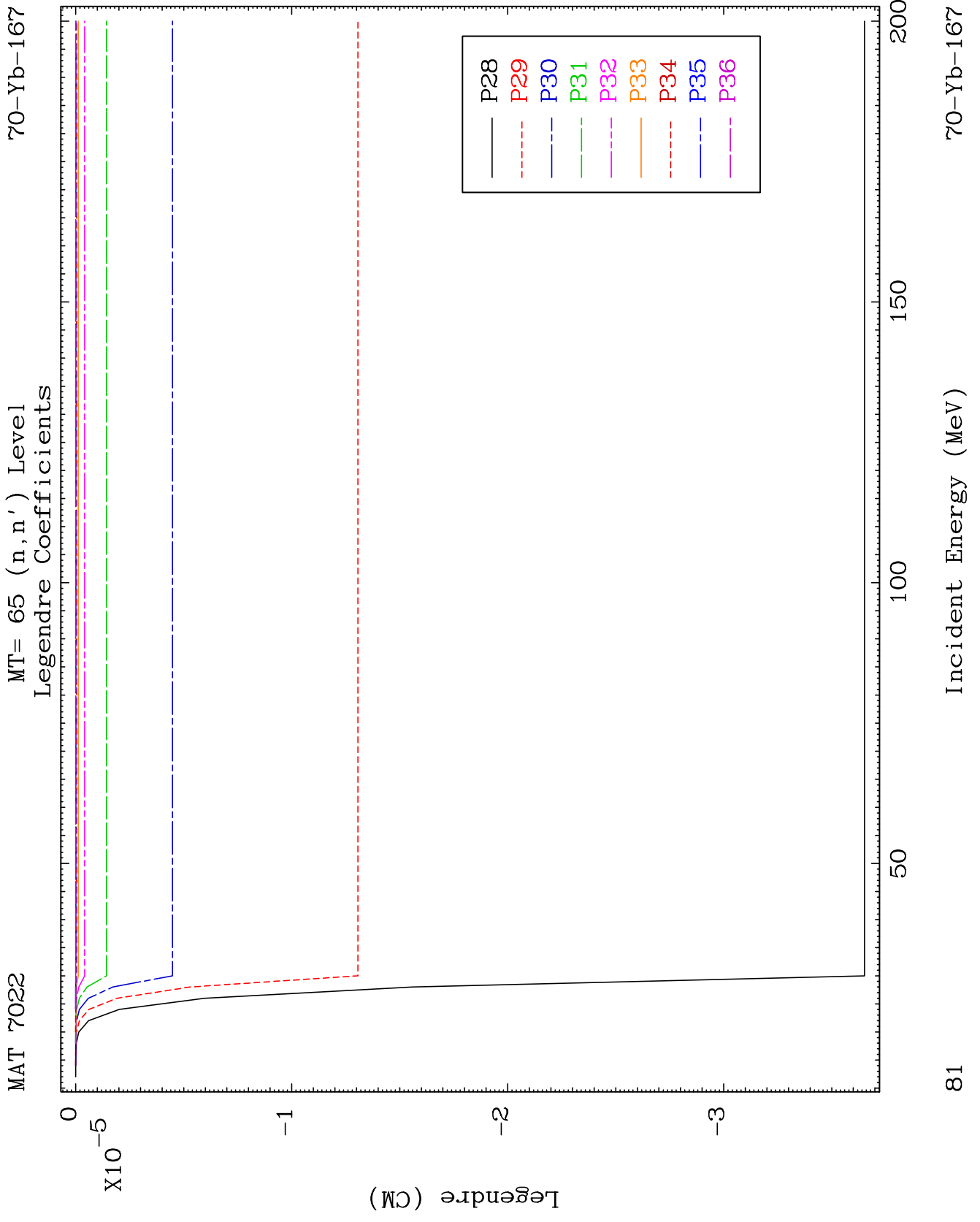
70-Yb-167

Incident Energy (MeV)

78



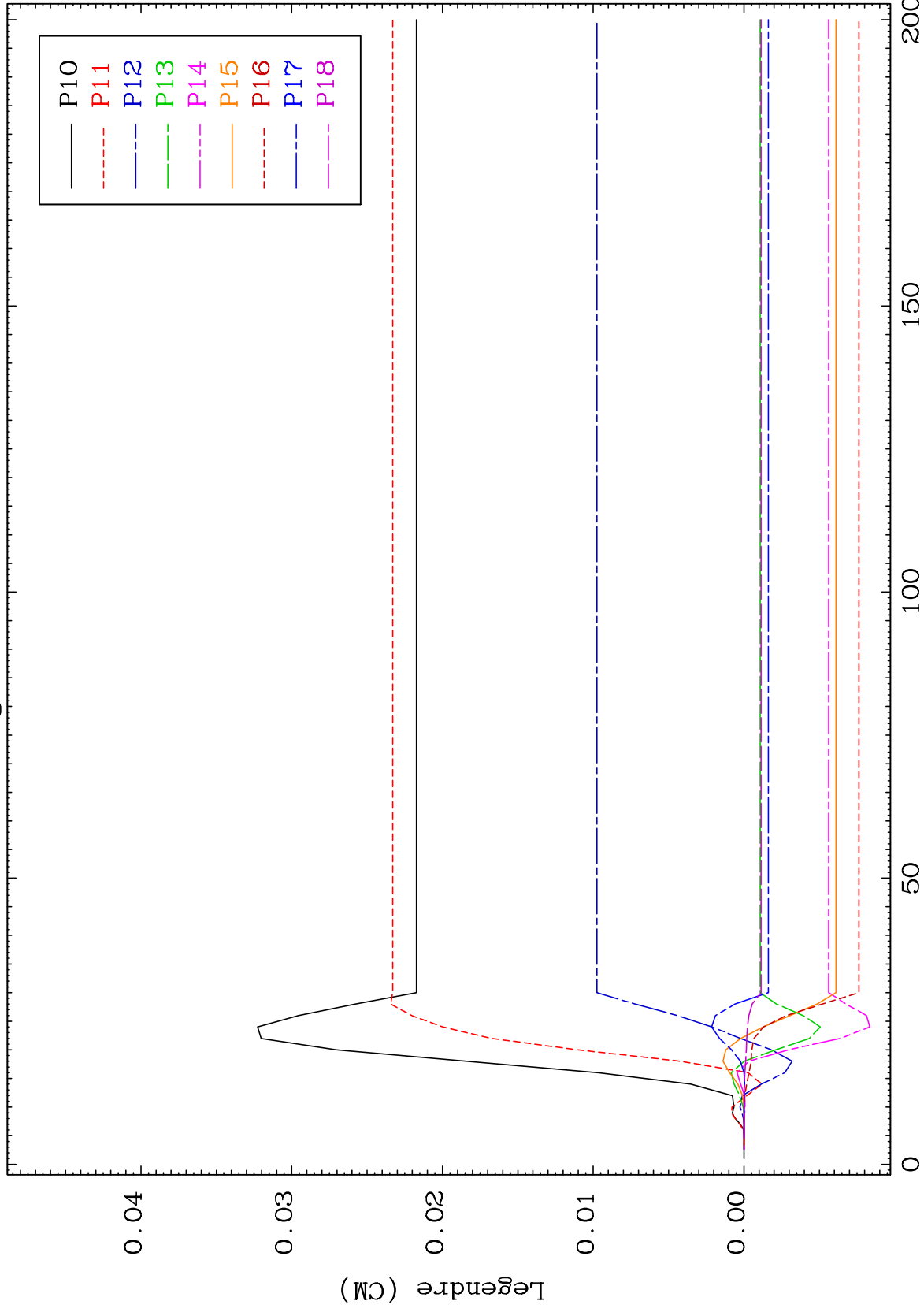




MAT 7022

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

70-Yb-167



83

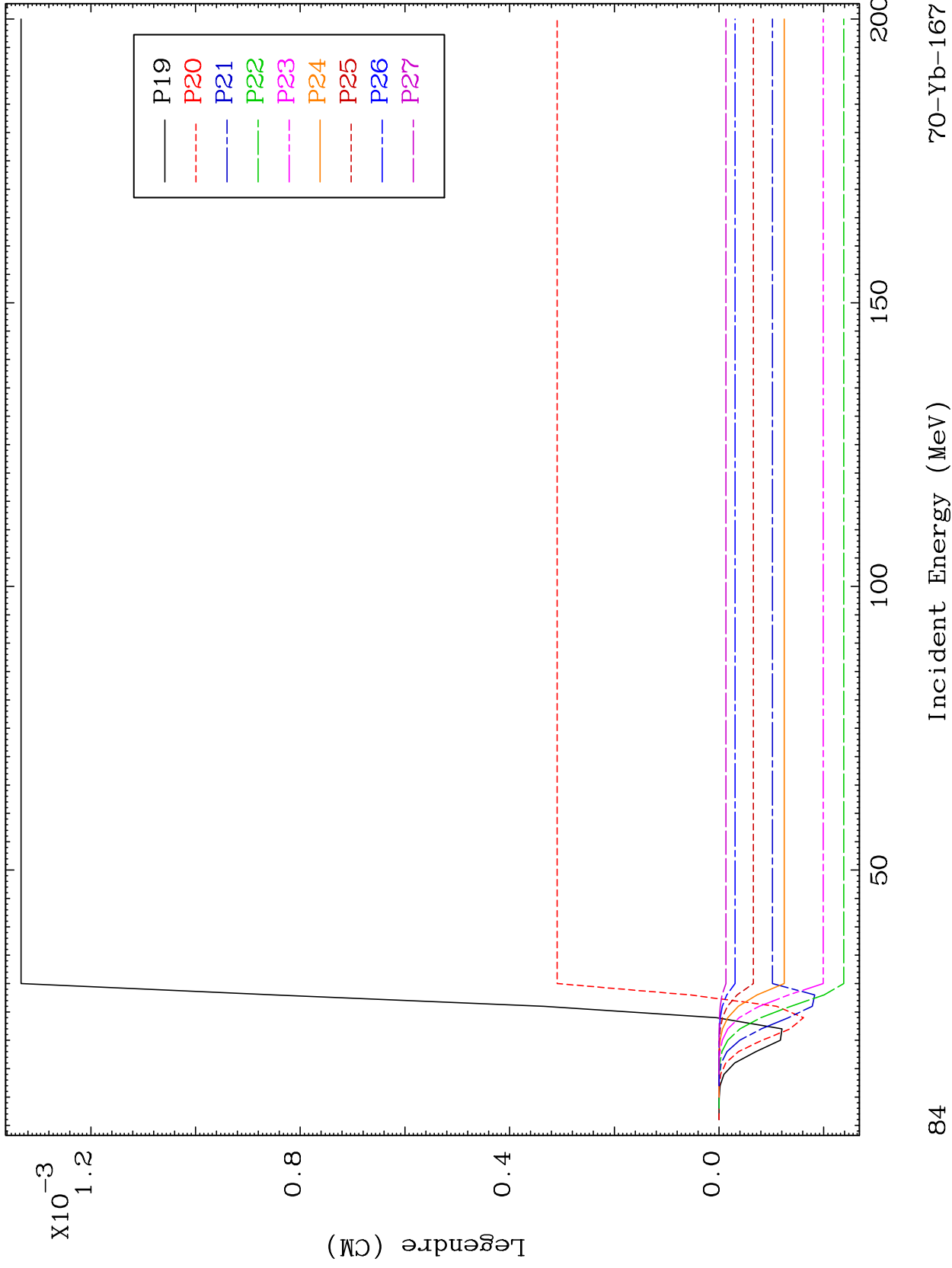
Incident Energy (MeV)

70-Yb-167

MAT 7022

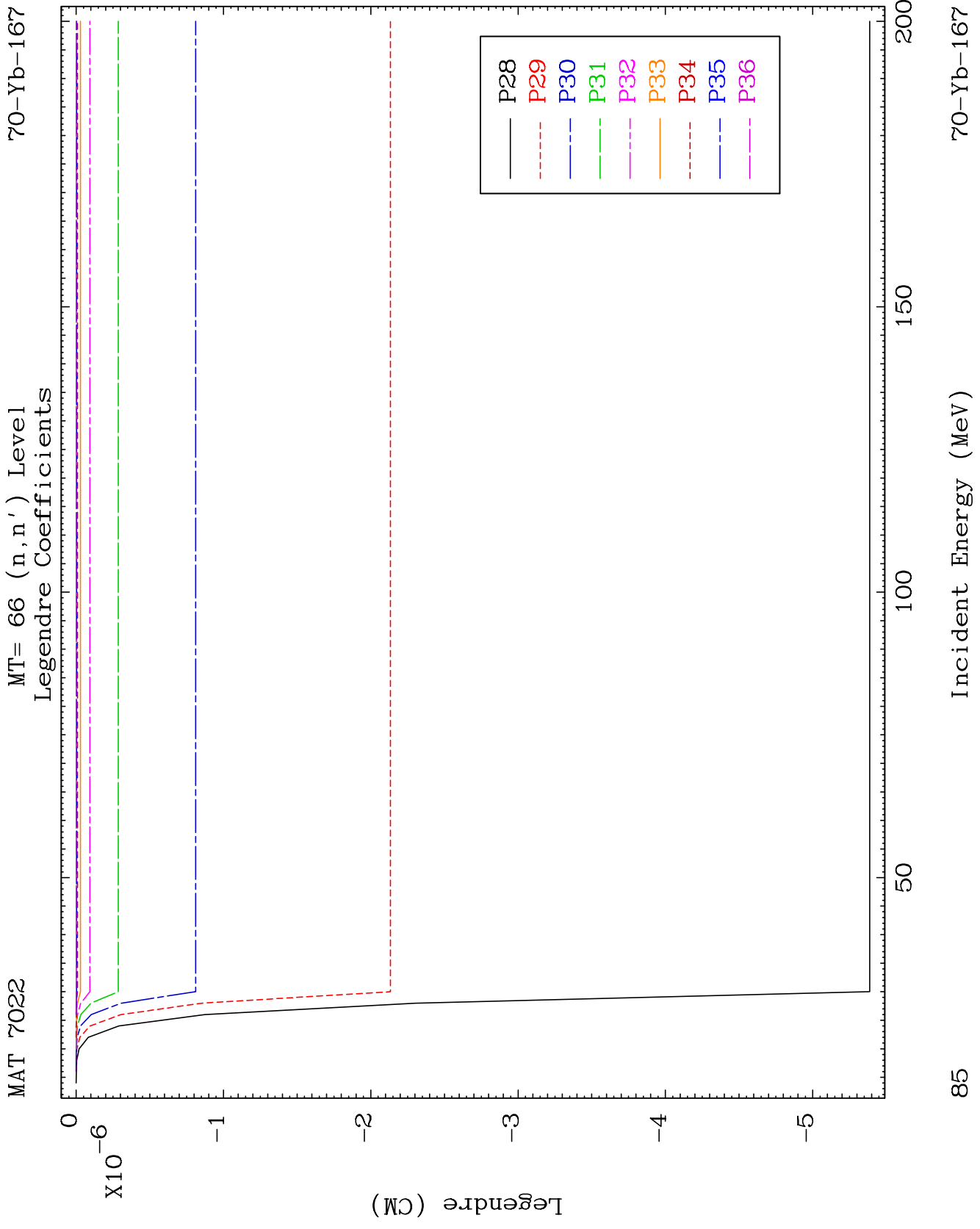
MT= 66 (n,n') Level
Legendre Coefficients

70-Yb-167



84

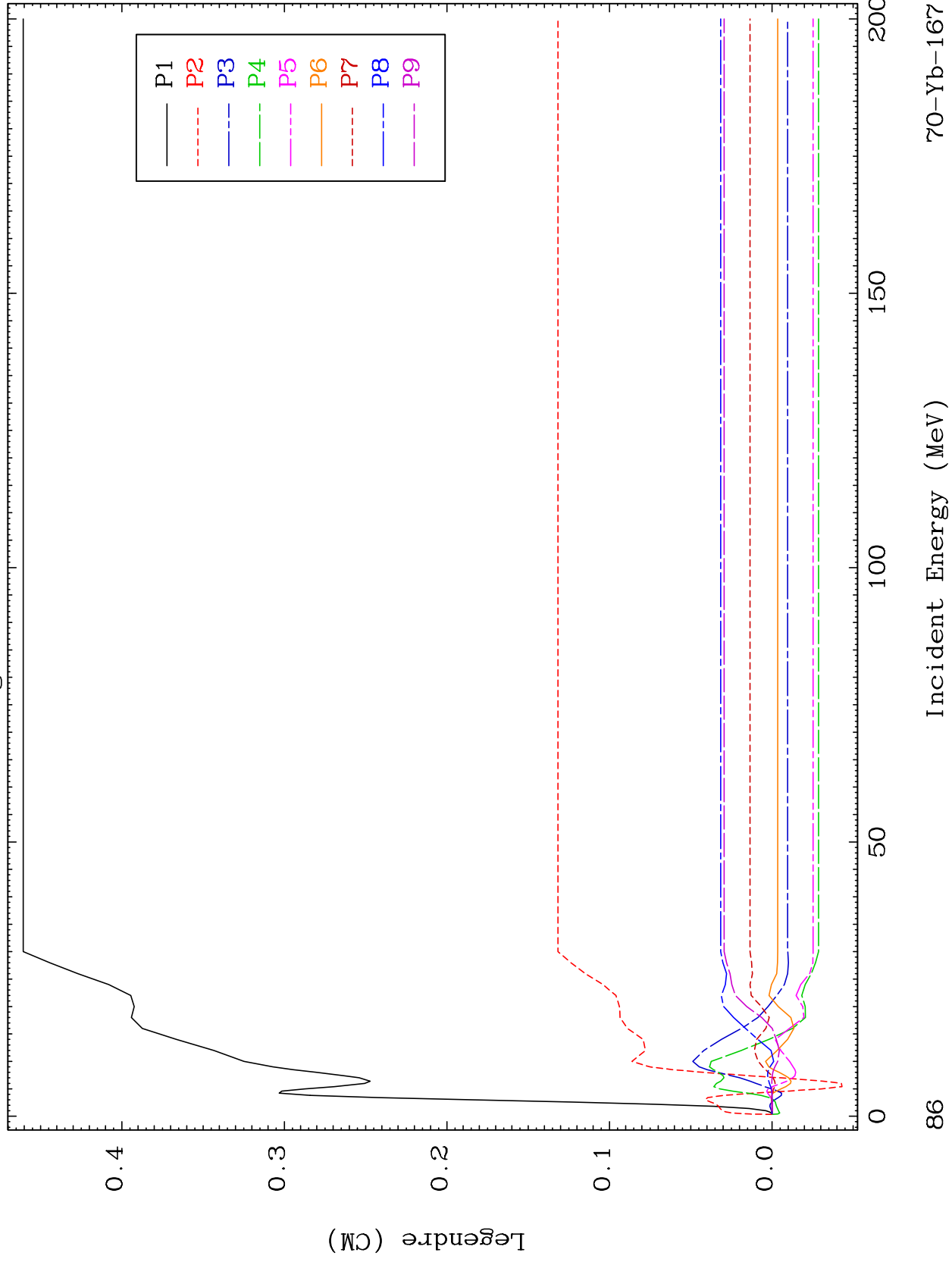
70-Yb-167

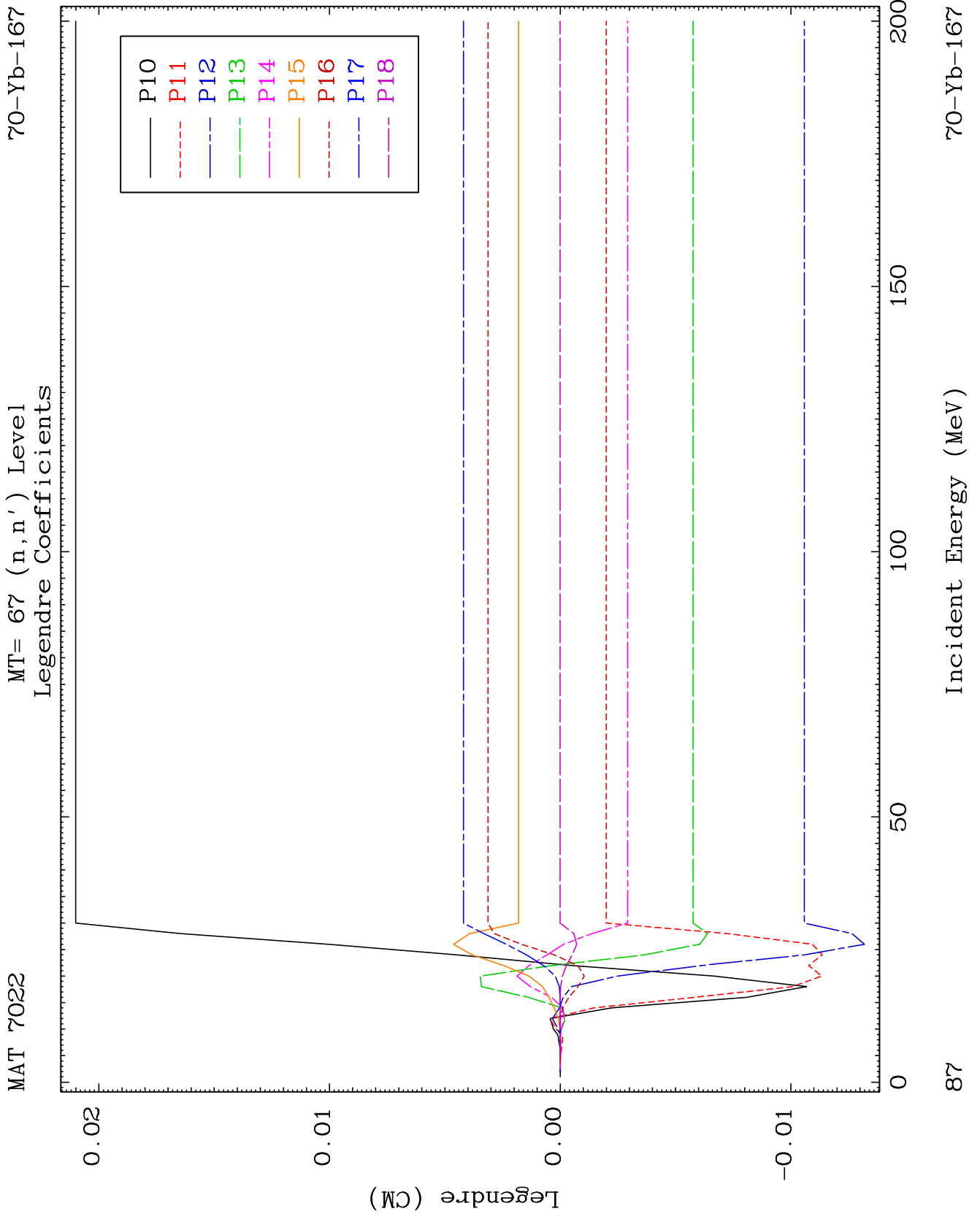


MAT 7022

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

70-Yb-167

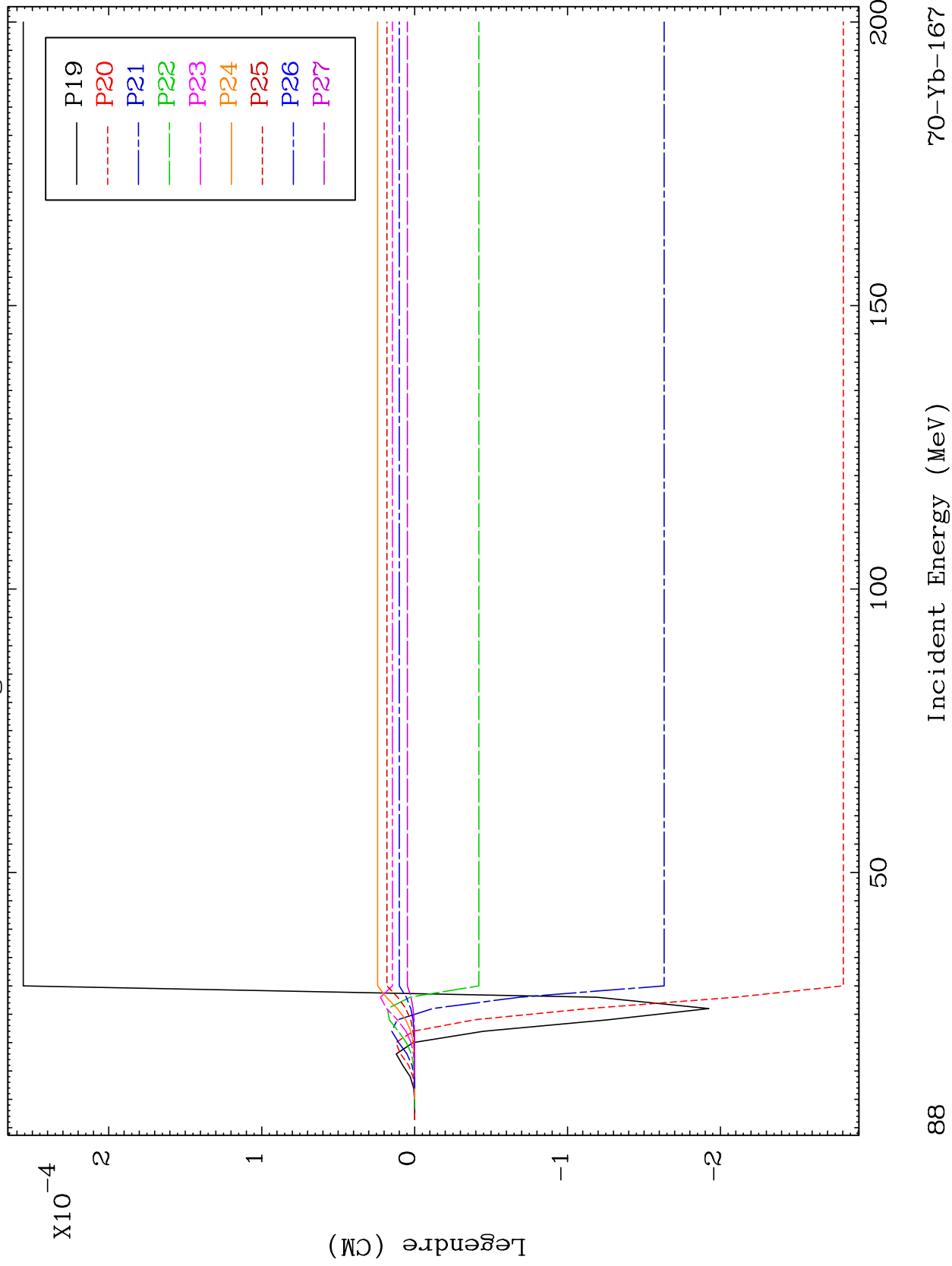




MAT 7022

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

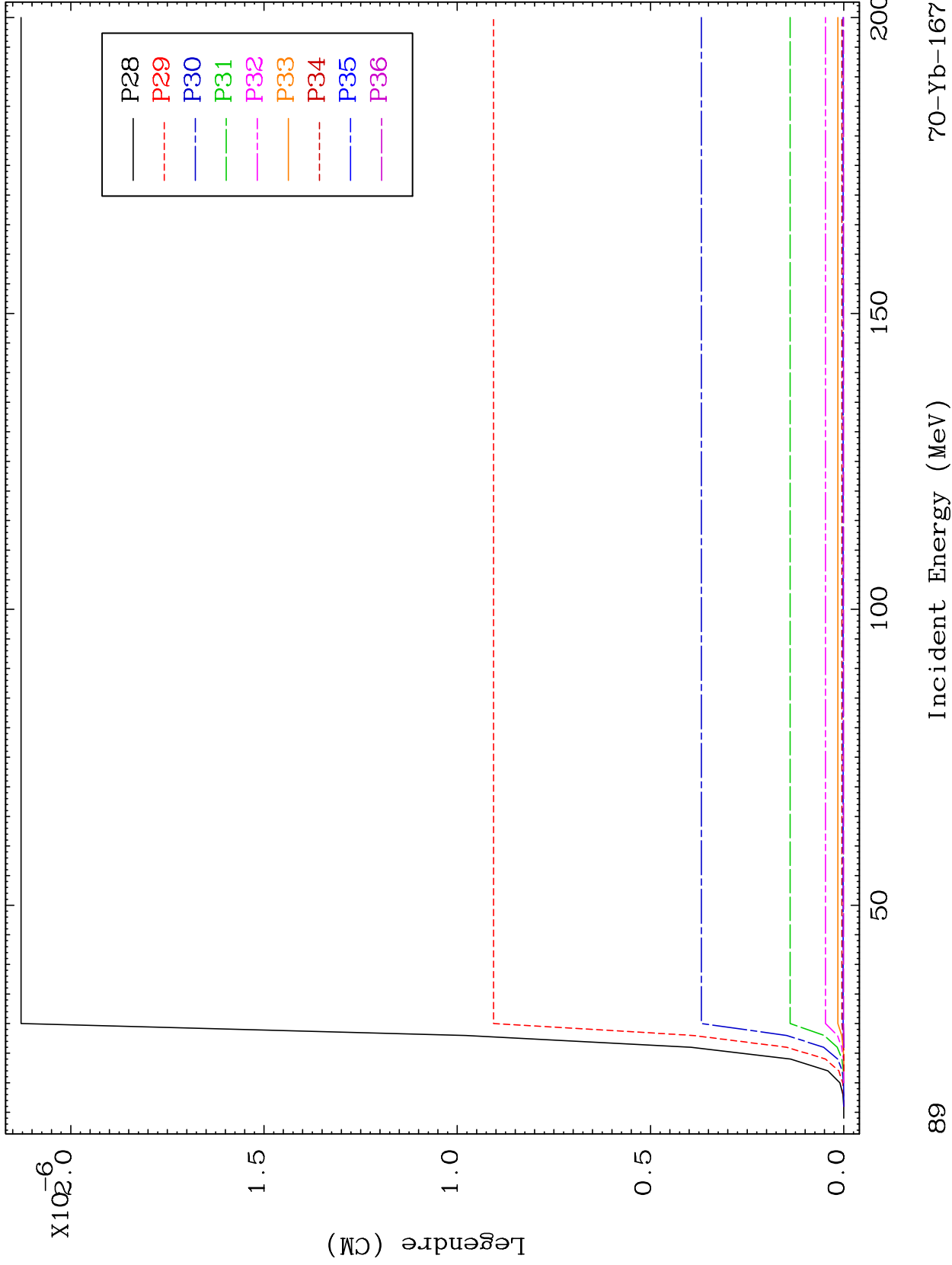
70-Yb-167



MAT 7022

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

70-Yb-167



89

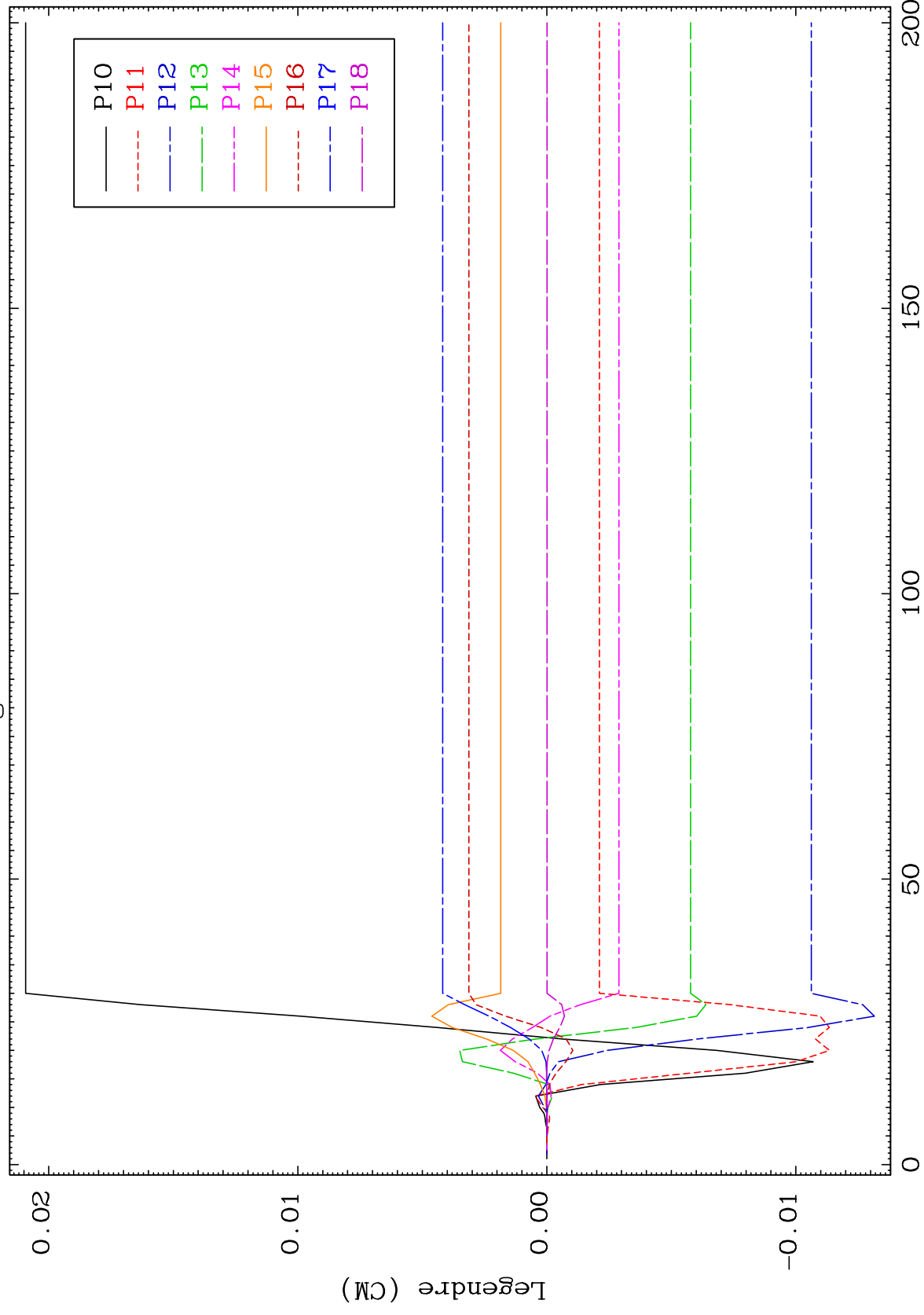
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

70-Yb-167



91

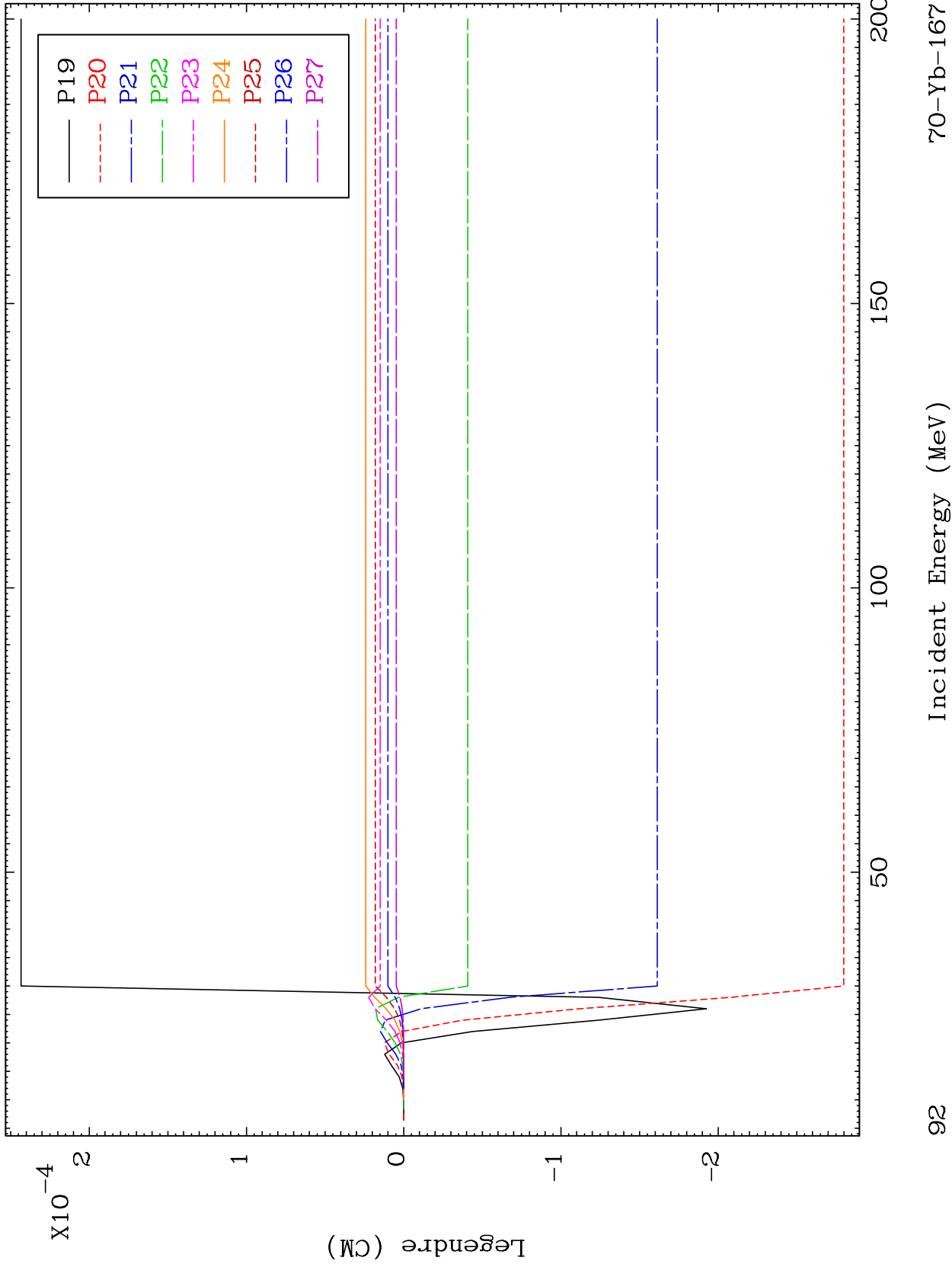
Incident Energy (MeV)

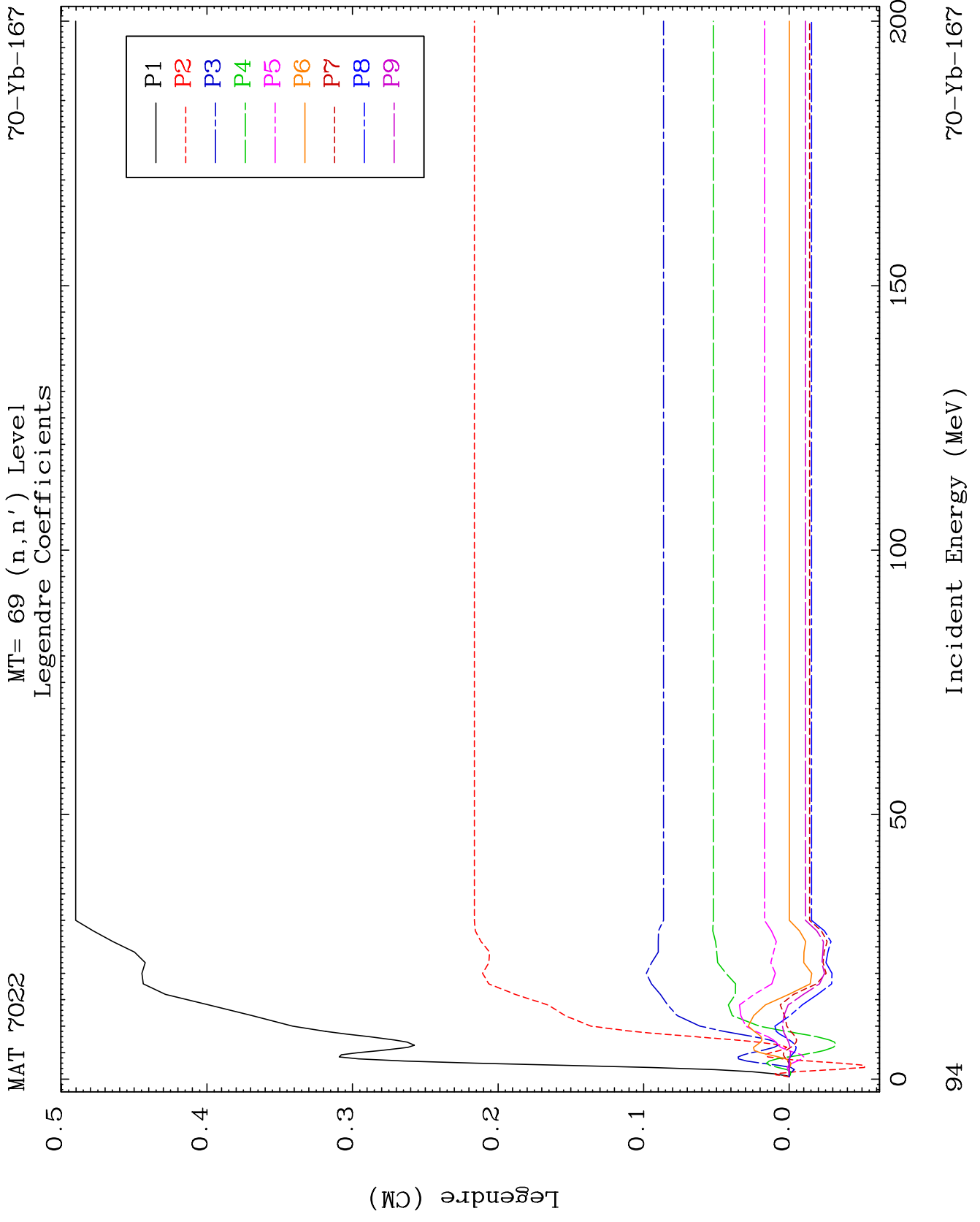
70-Yb-167

MAT 7022

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

70-Yb-167

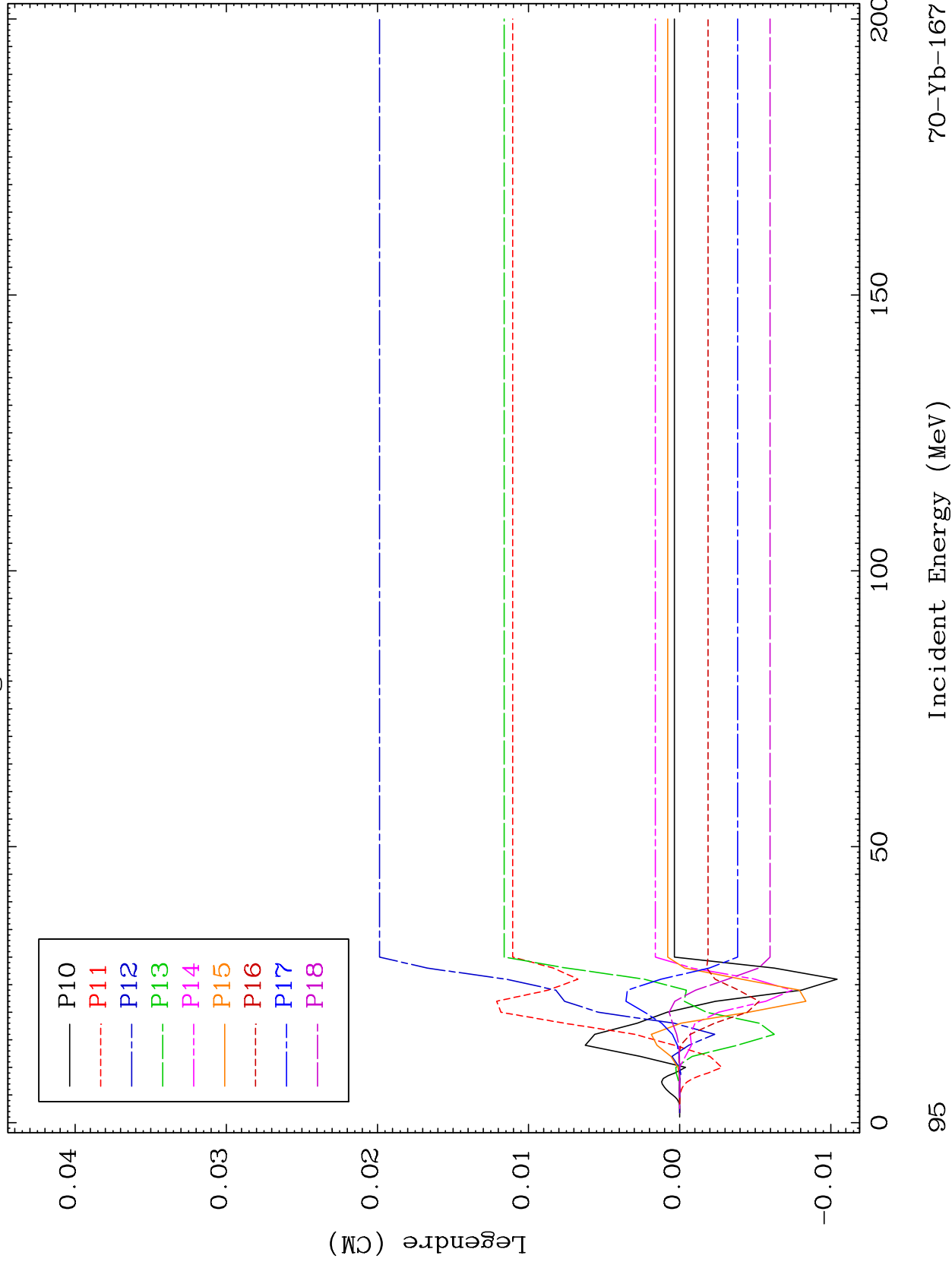




MAT 7022

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

70-Yb-167



70-Yb-167

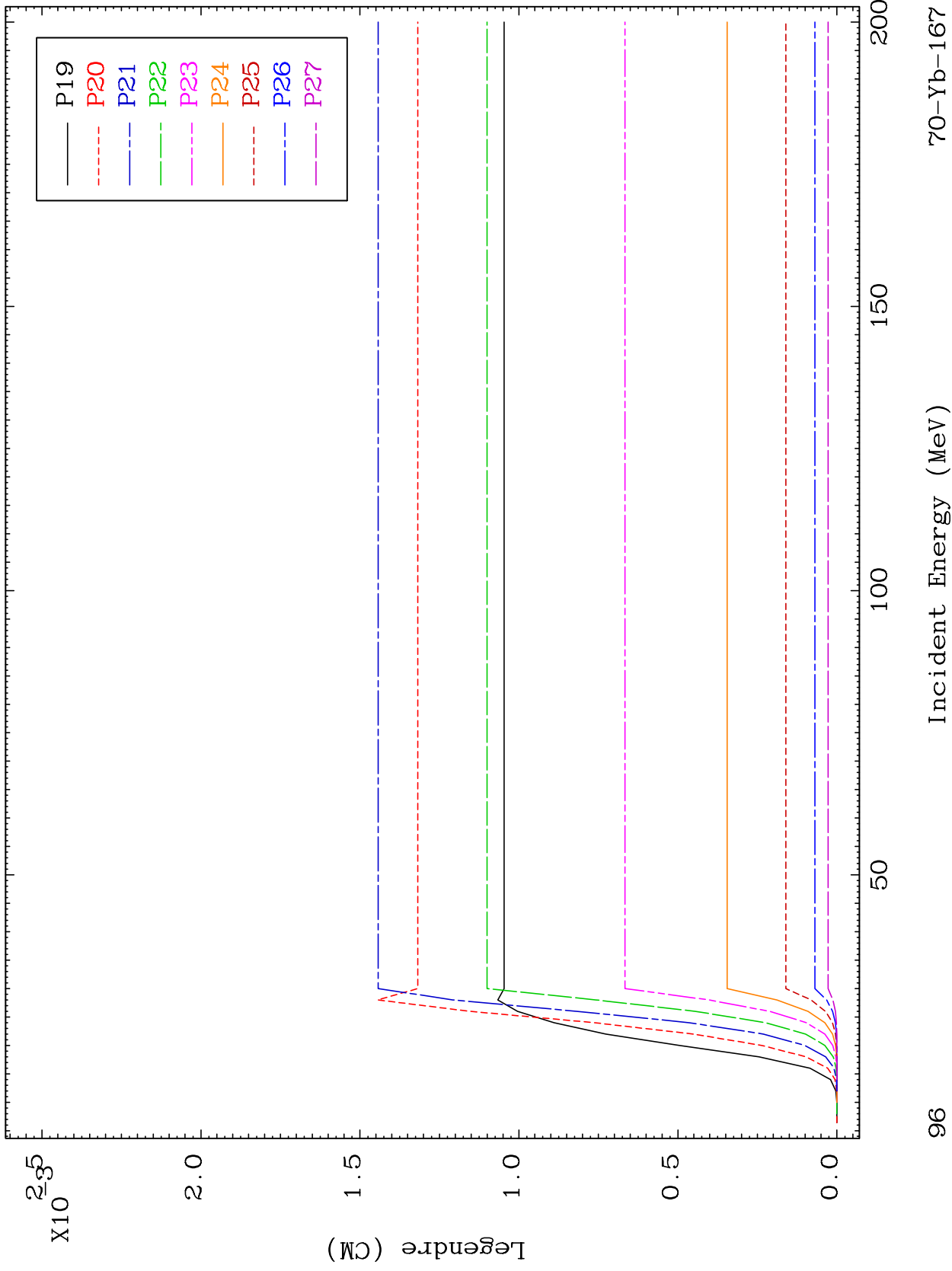
Incident Energy (MeV)

95

MAT 7022

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

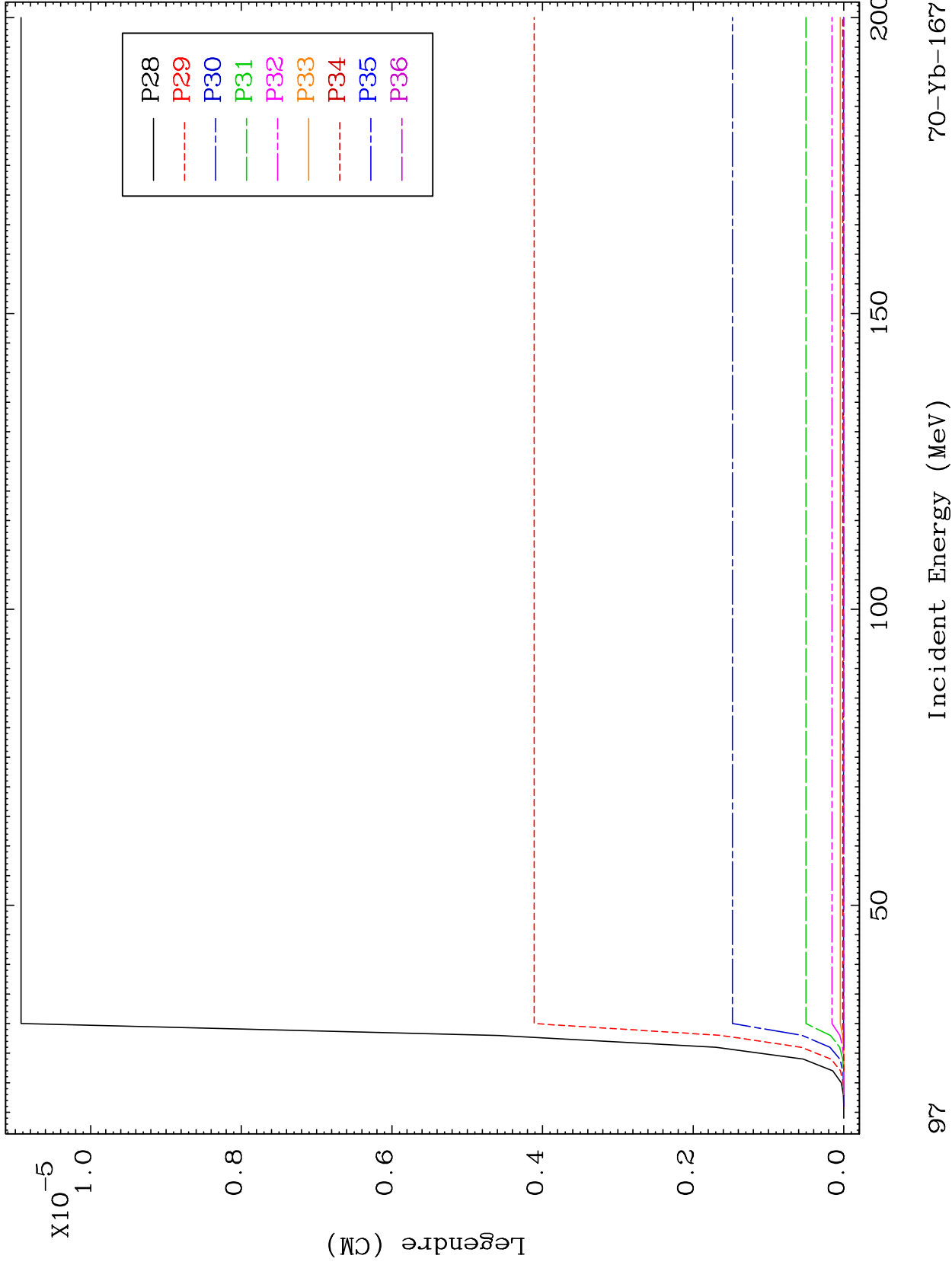
70-Yb-167



MAT 7022

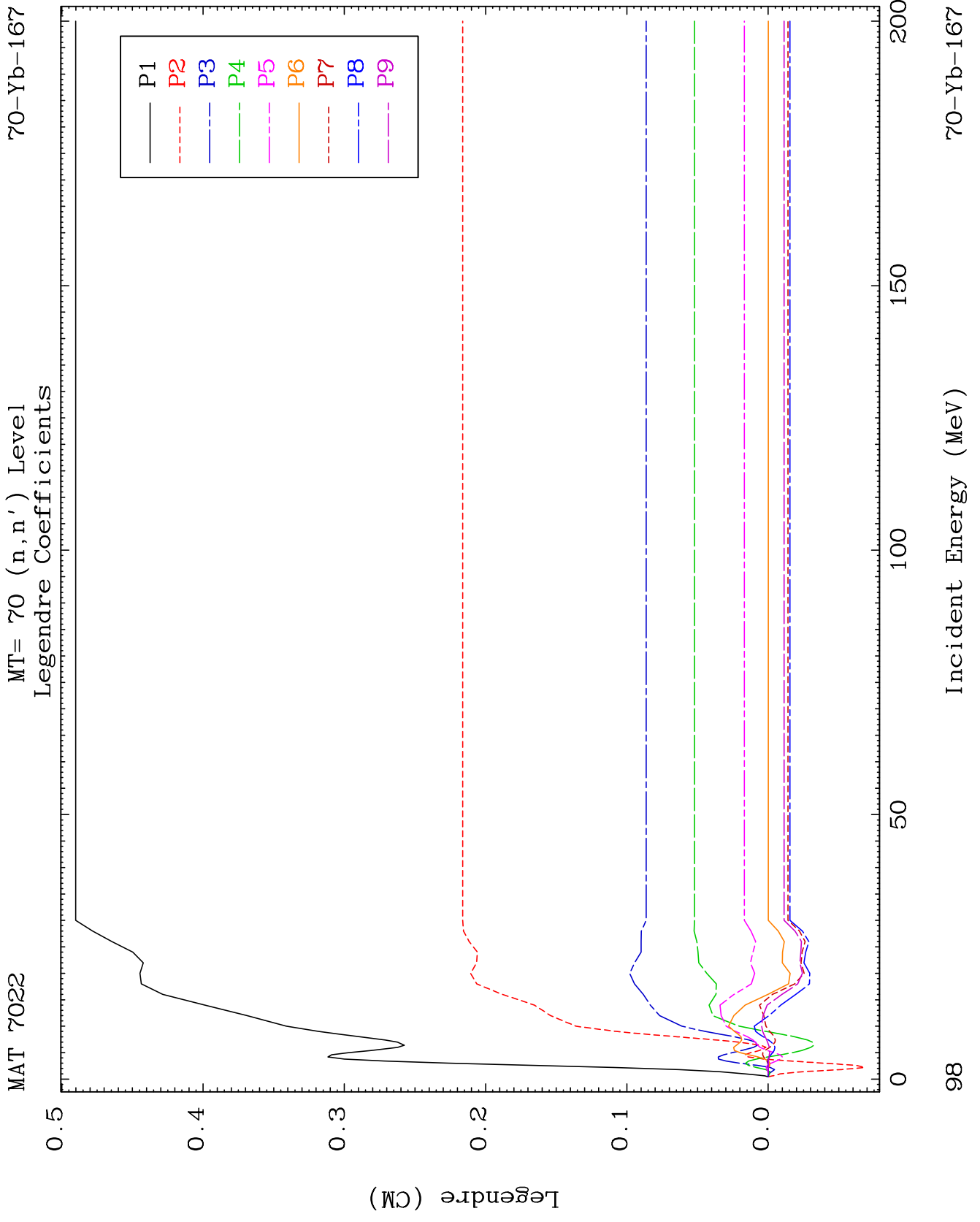
MT= 69 (n,n') Level
Legendre Coefficients

70-Yb-167



97

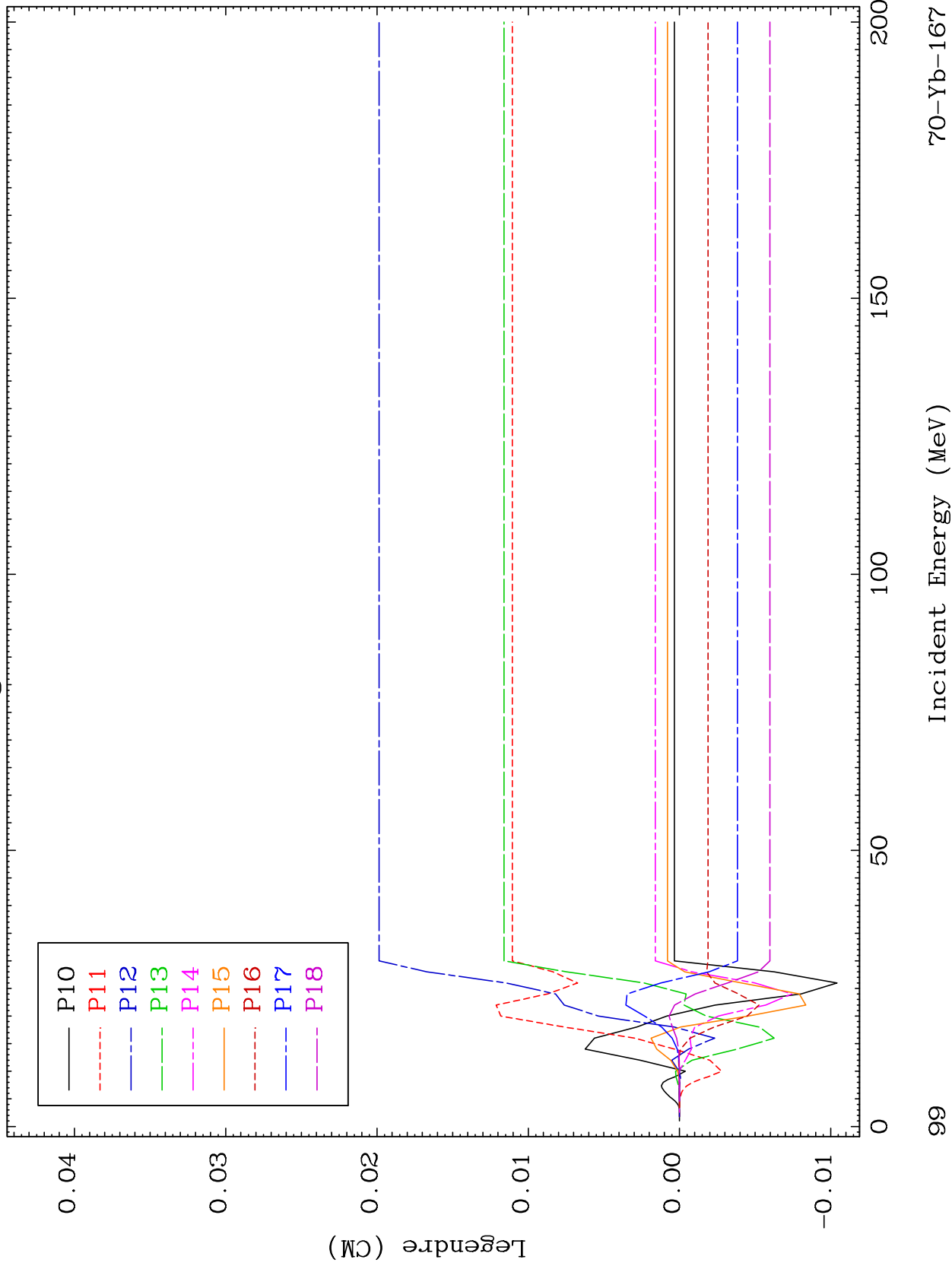
70-Yb-167



MAT 7022

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

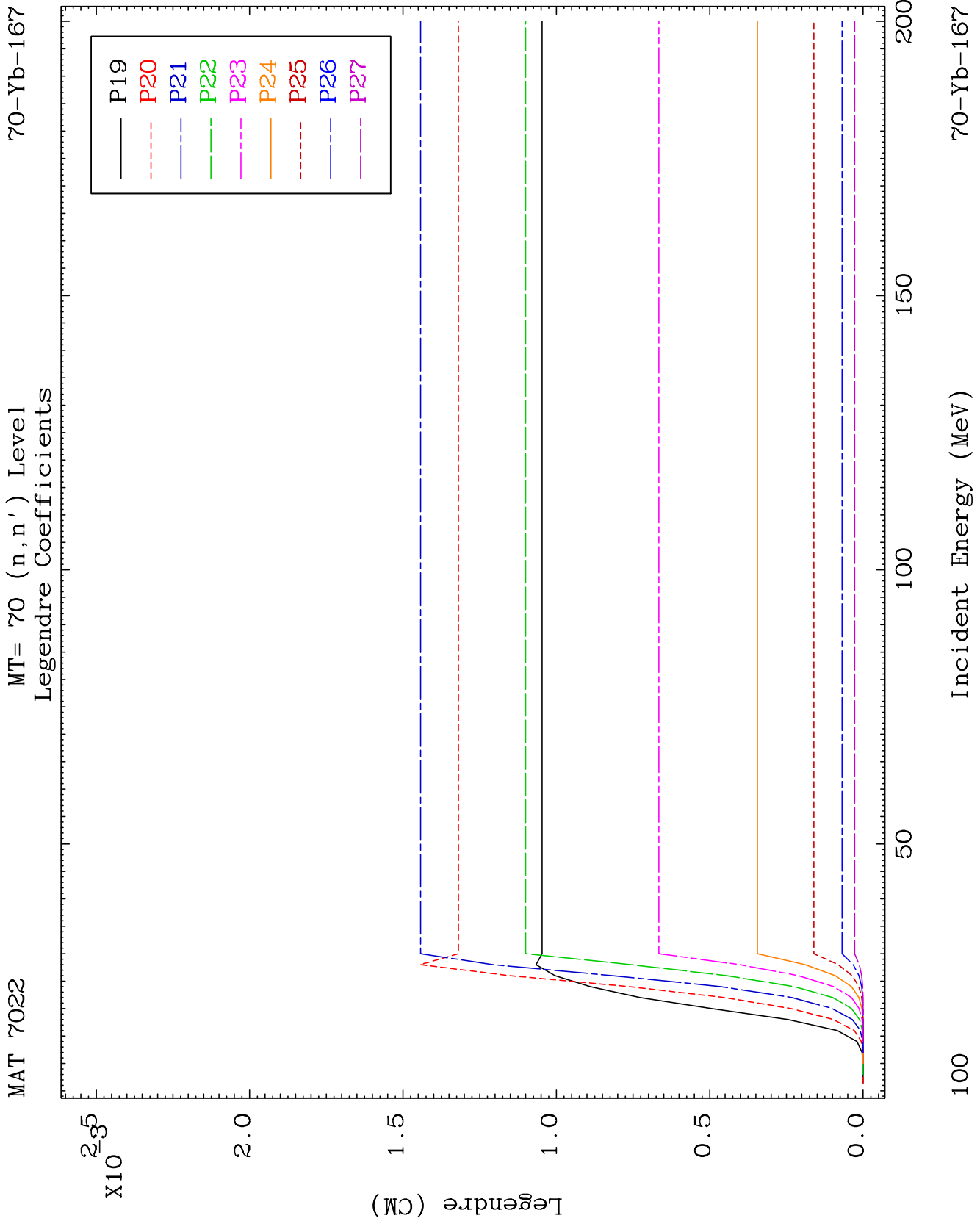
70-Yb-167

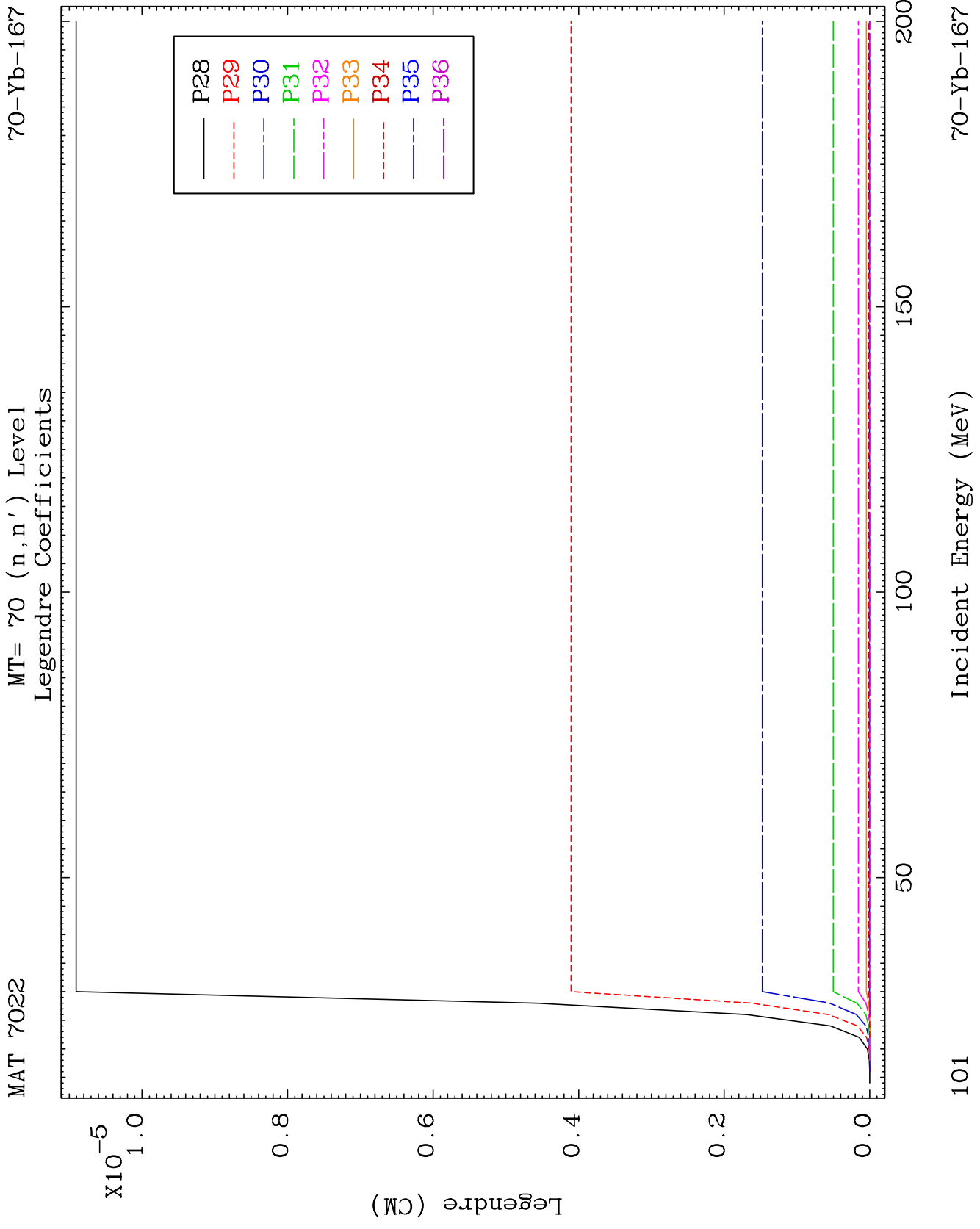


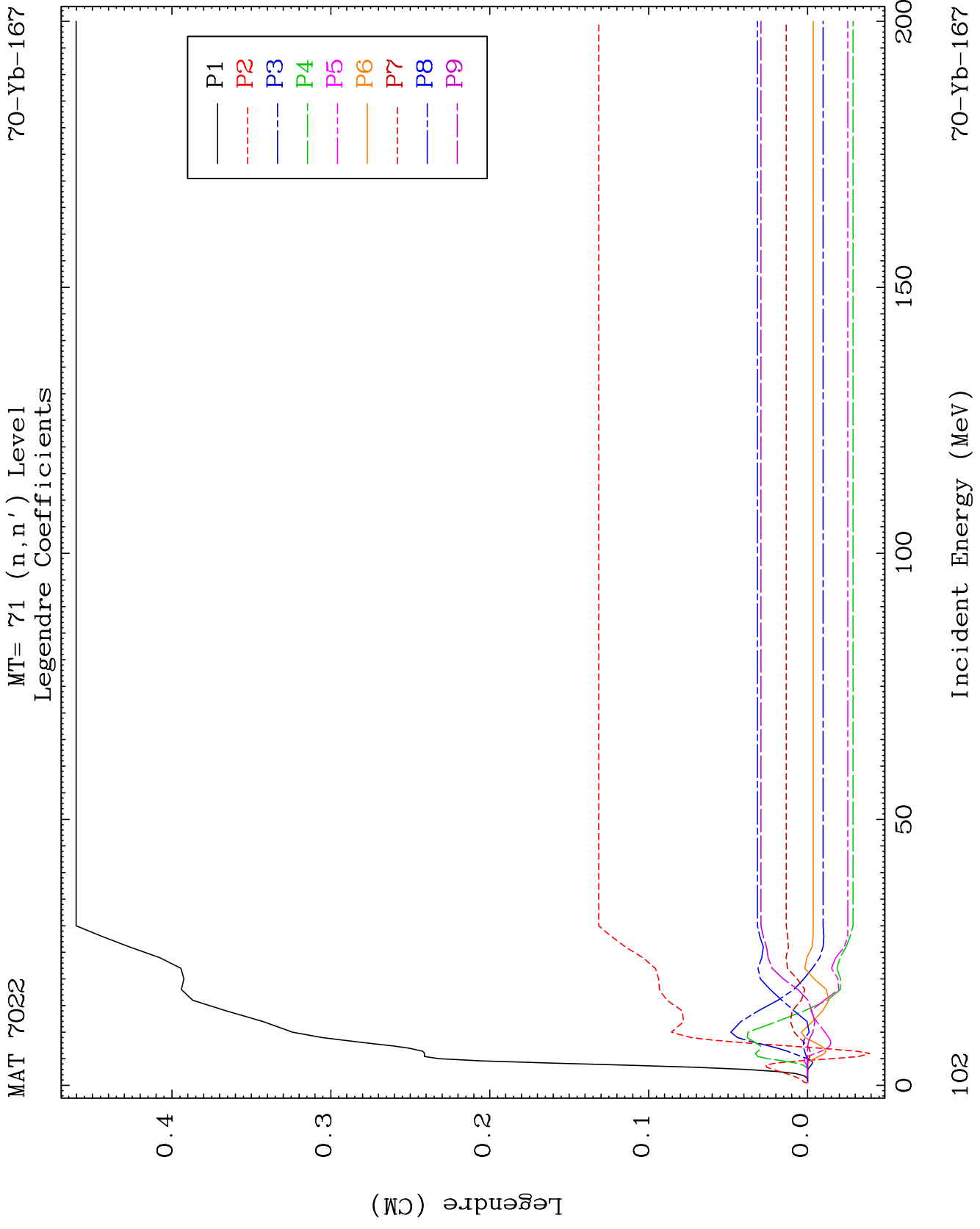
99

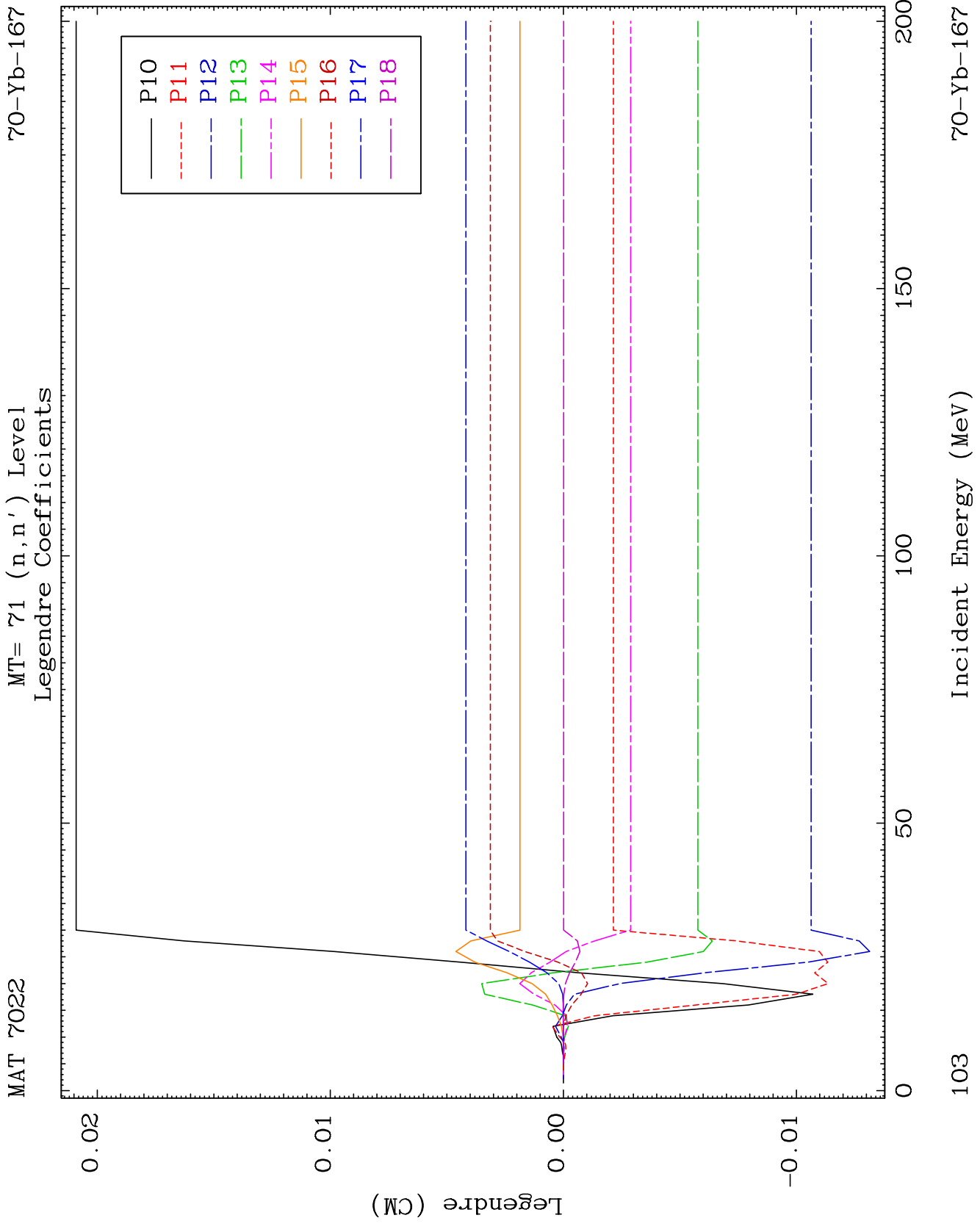
Incident Energy (MeV)

70-Yb-167





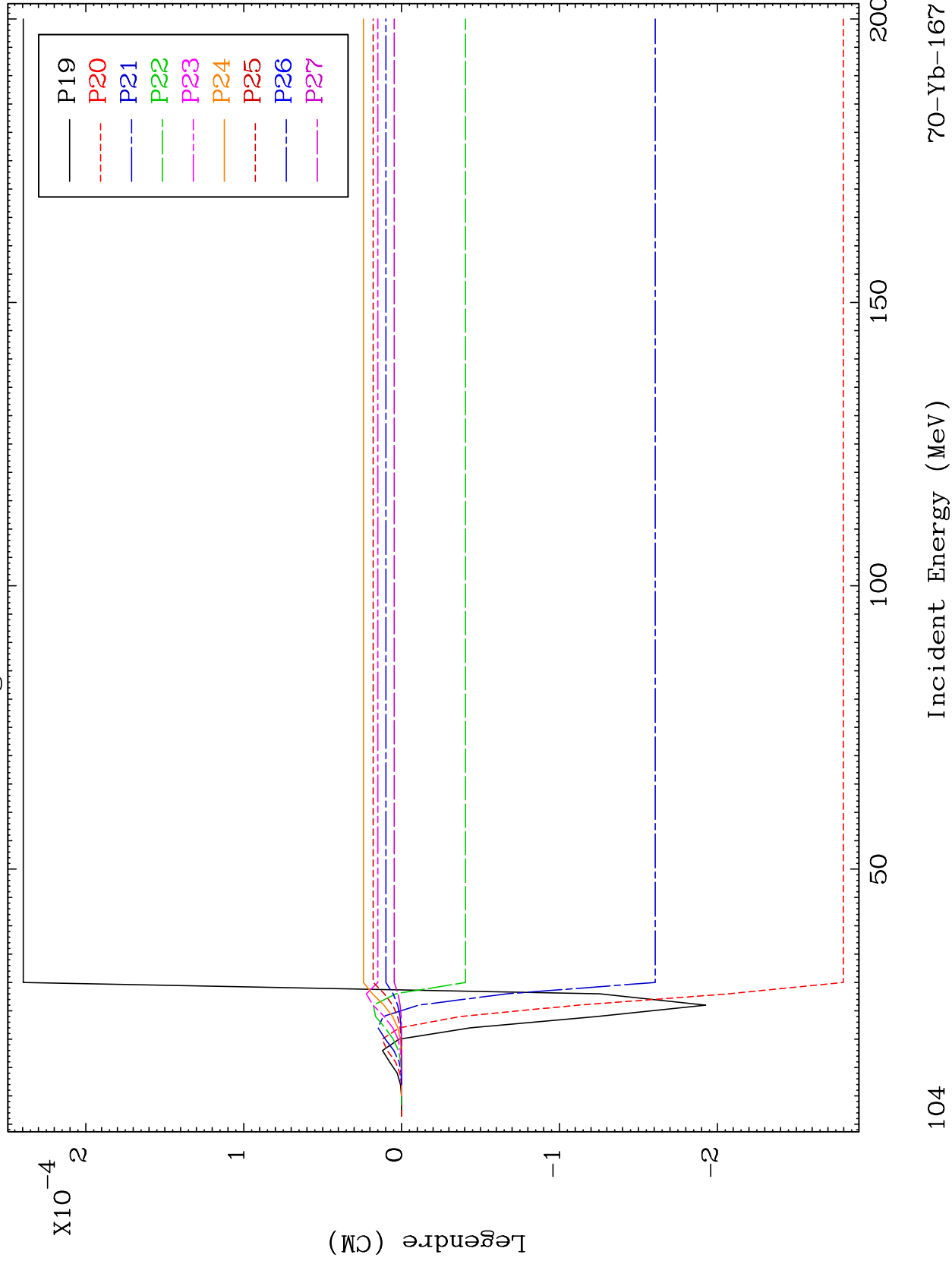




MAT 7022

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

70-Yb-167



104

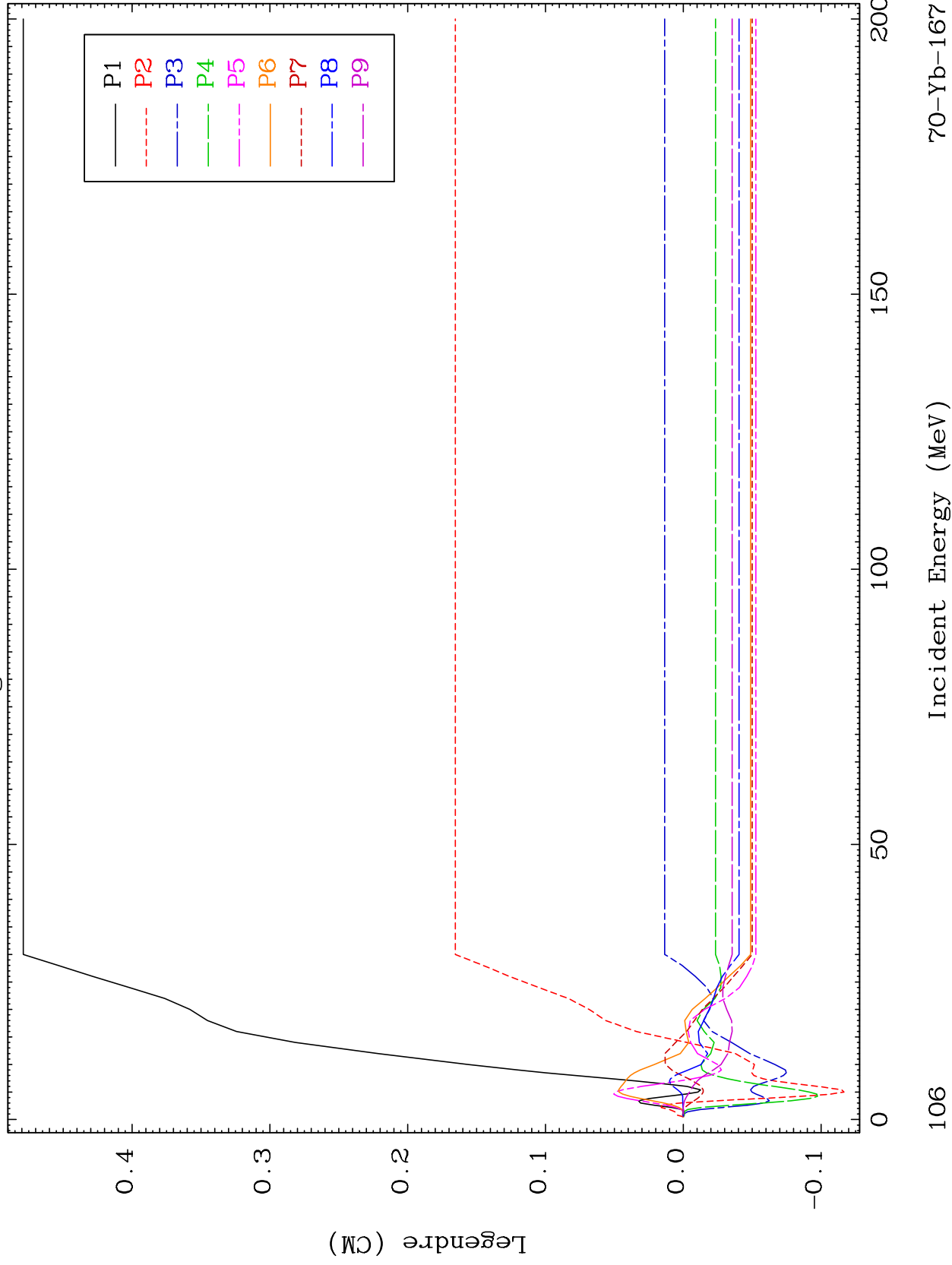
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

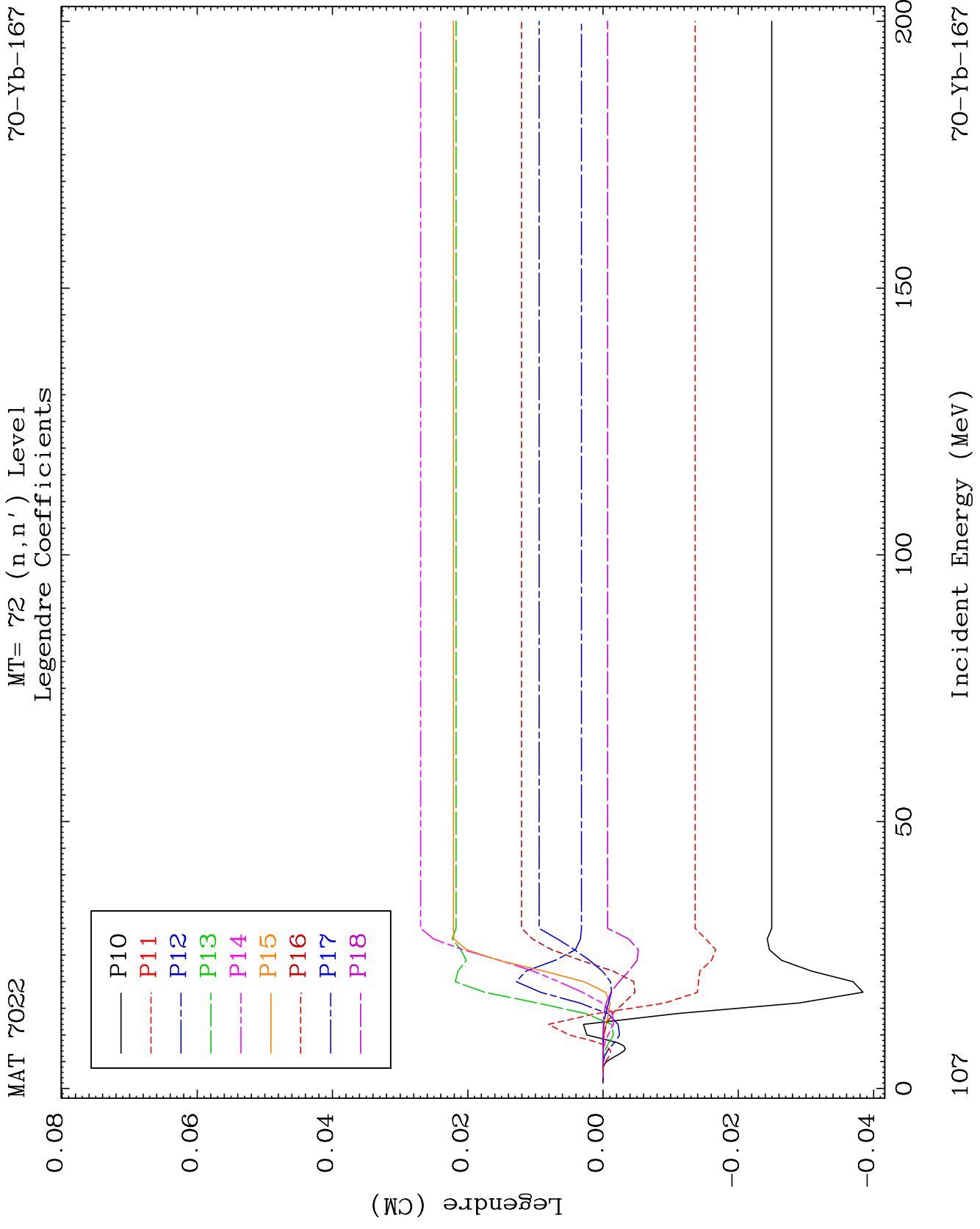
70-Yb-167

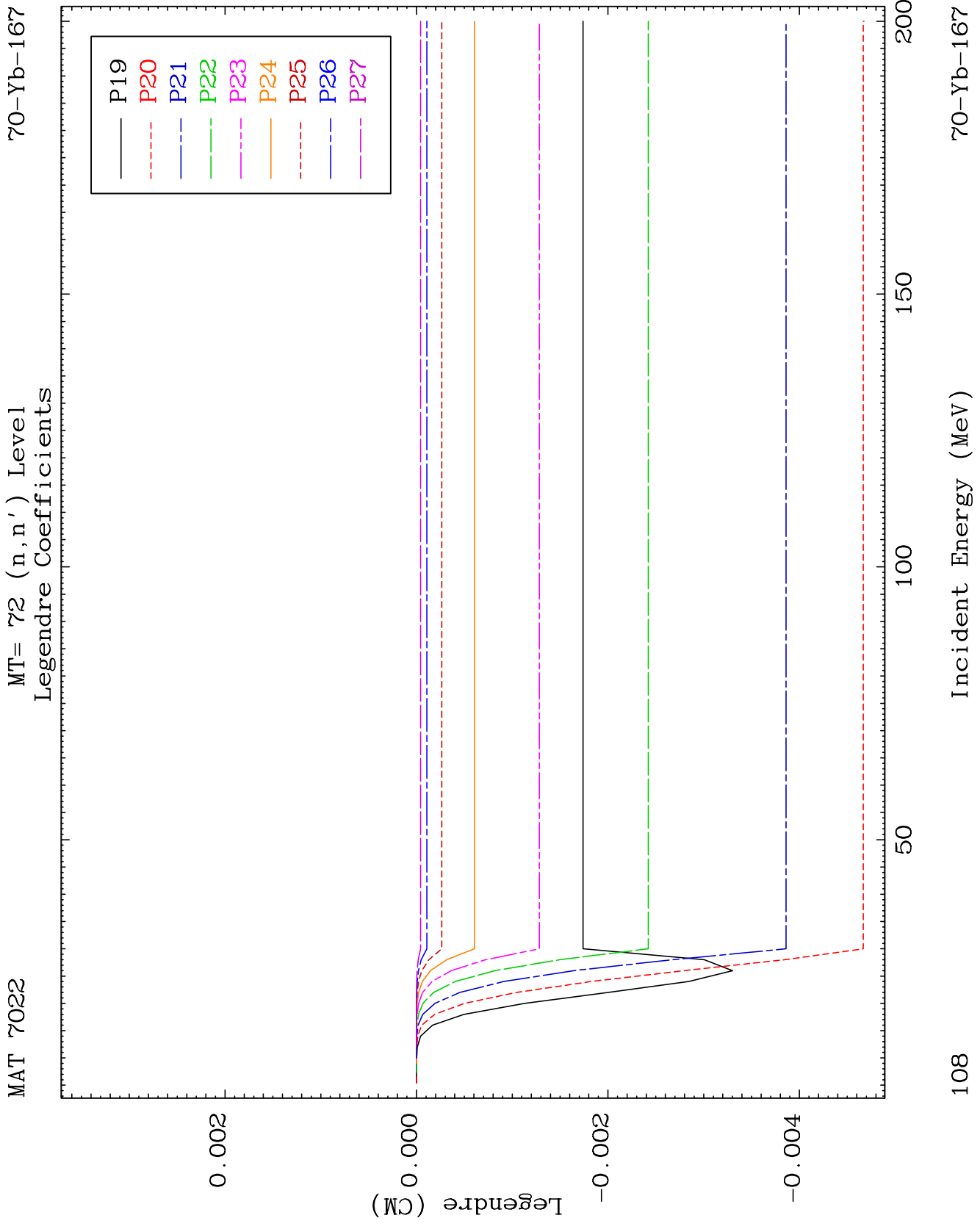


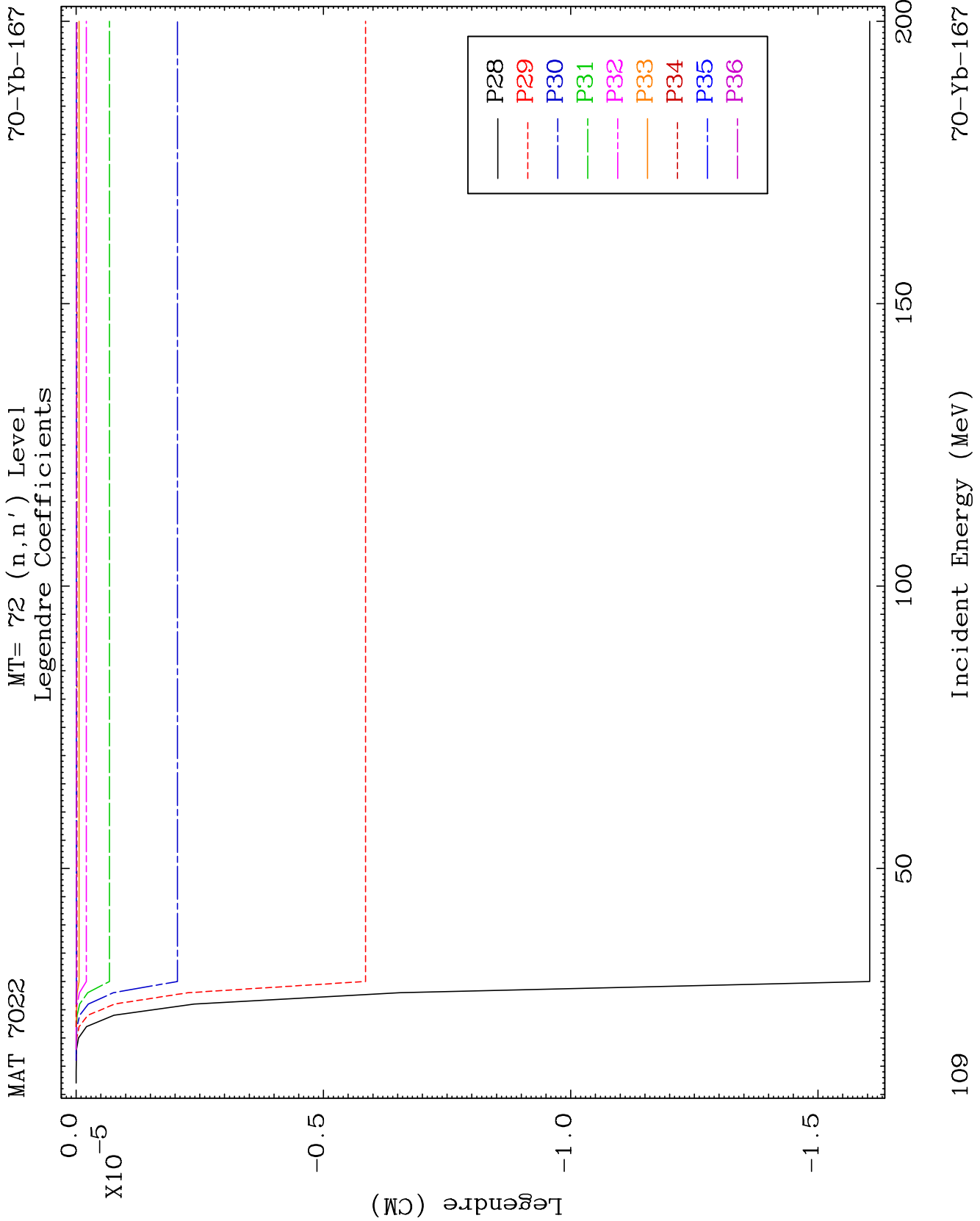
70-Yb-167

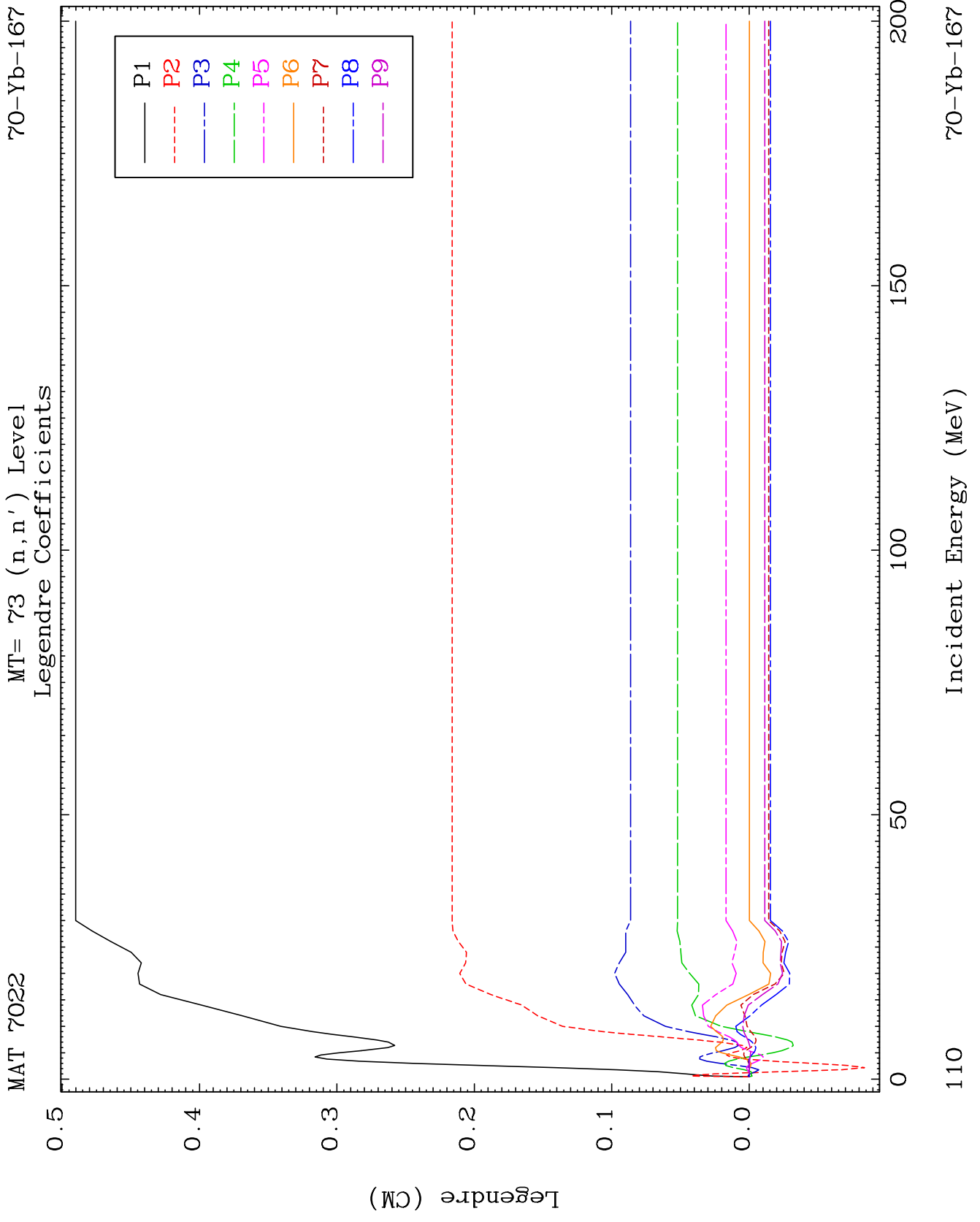
Incident Energy (MeV)

106





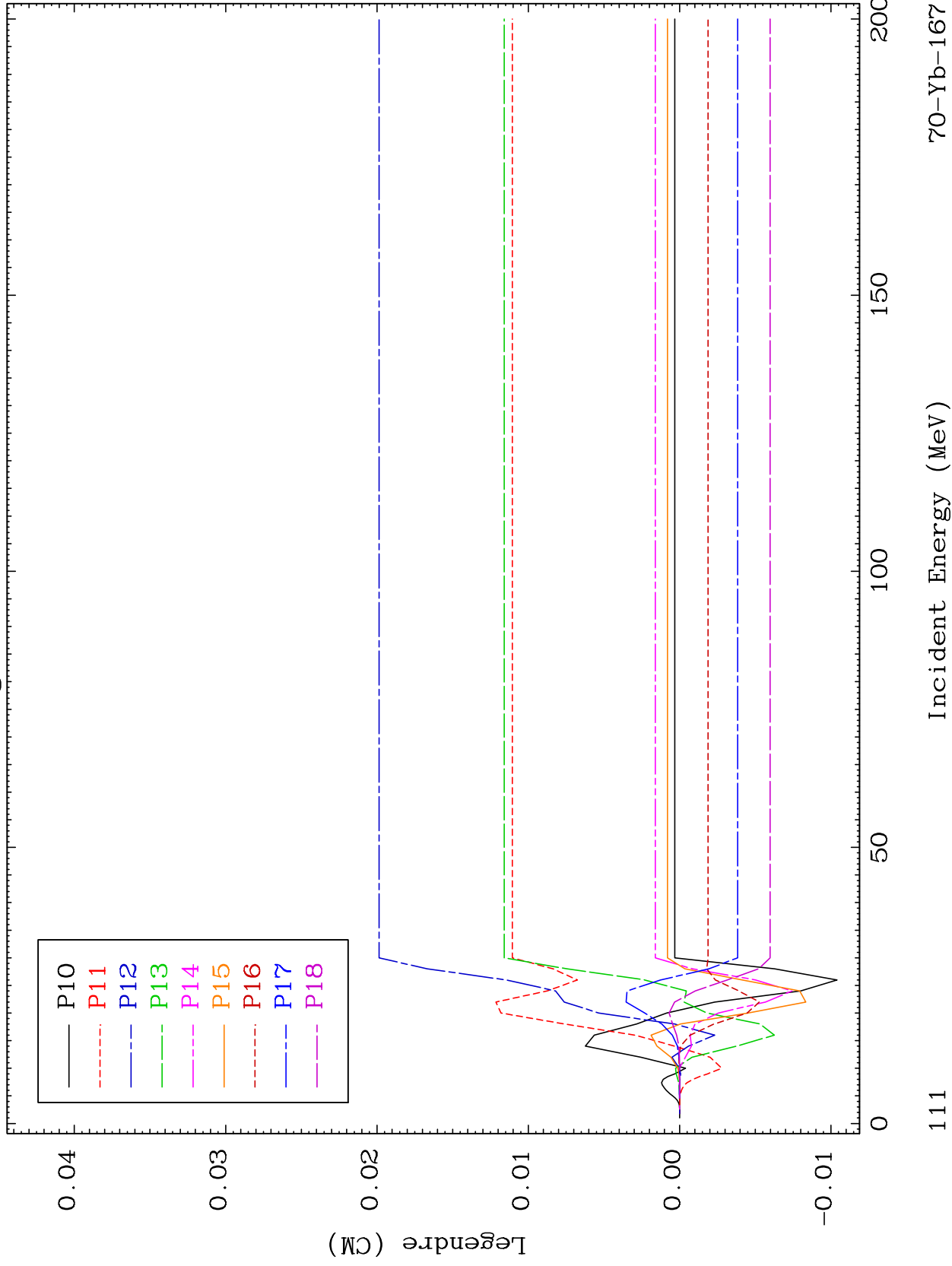




MAT 7022

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

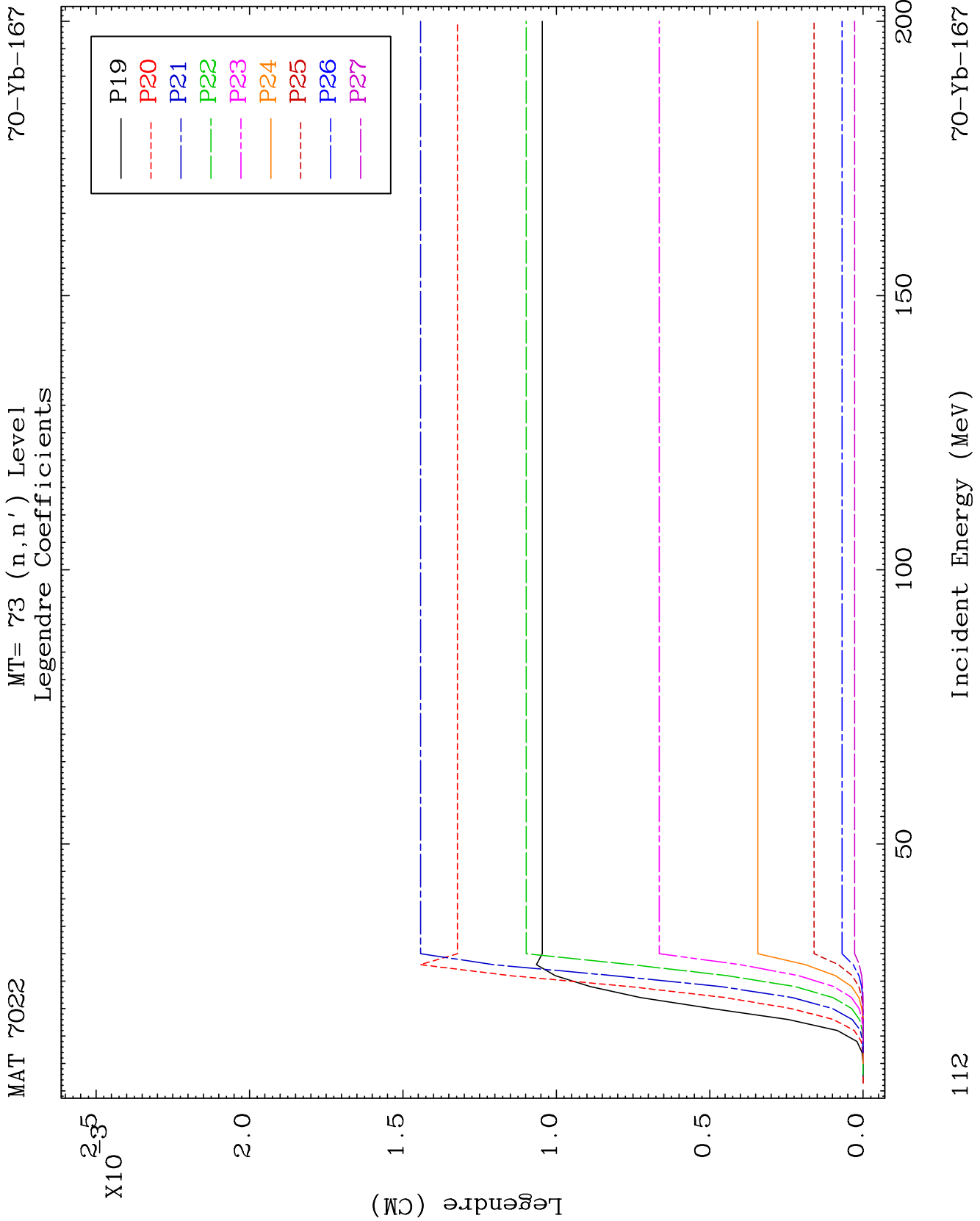
70-Yb-167



111

Incident Energy (MeV)

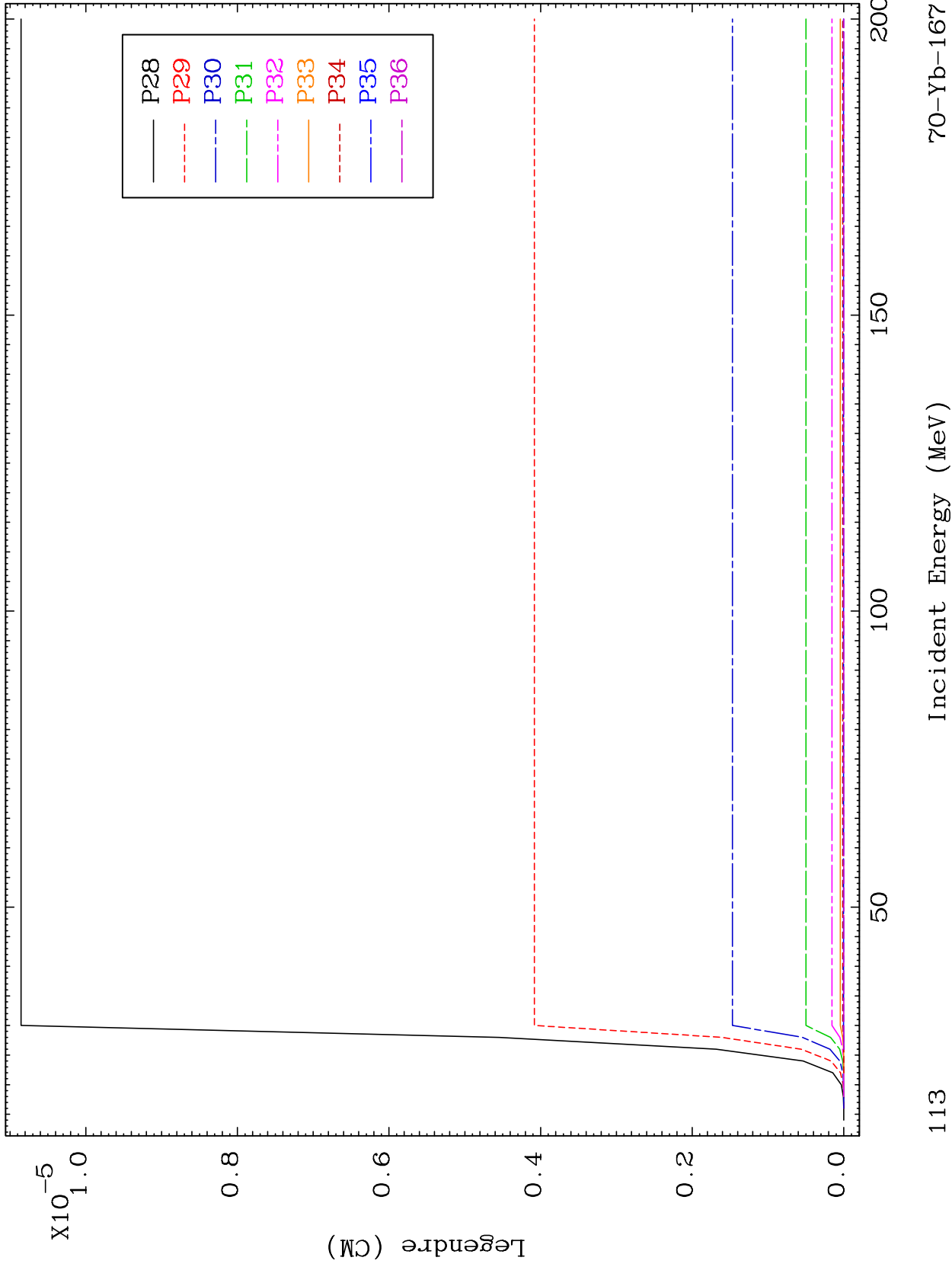
70-Yb-167



MAT 7022

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

70-Yb-167

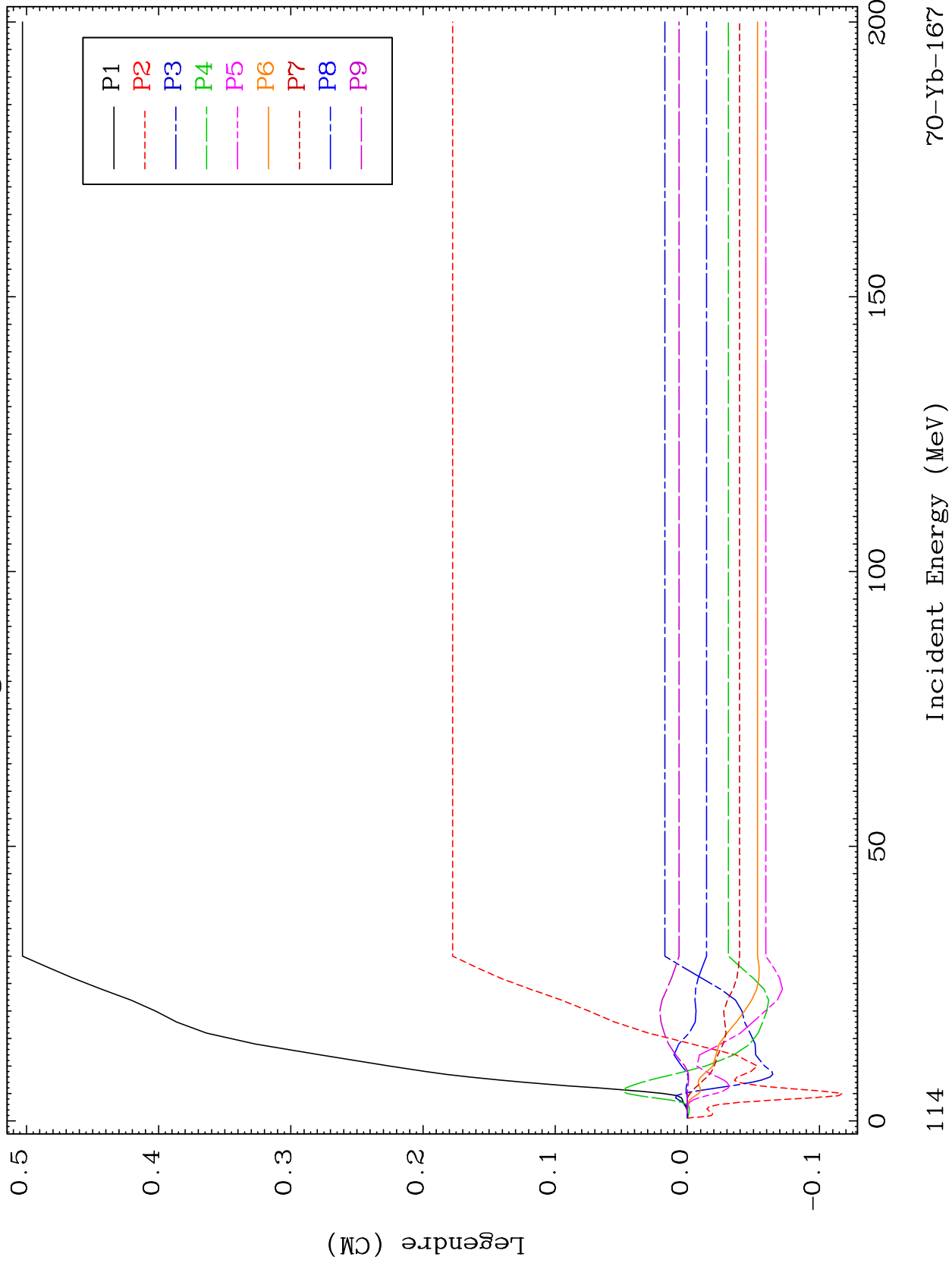


113

MAT 7022

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

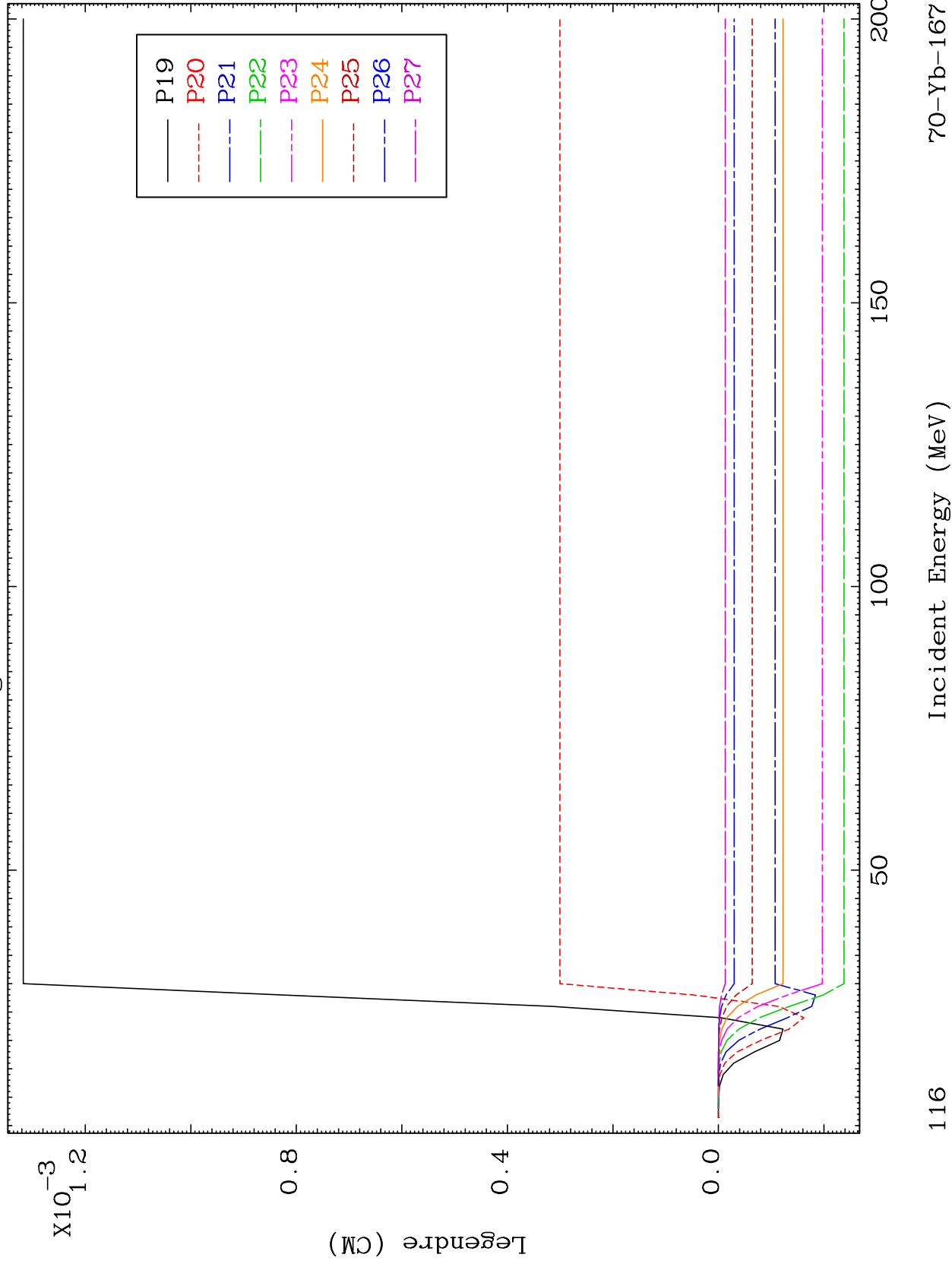
70-Yb-167



MAT 7022

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

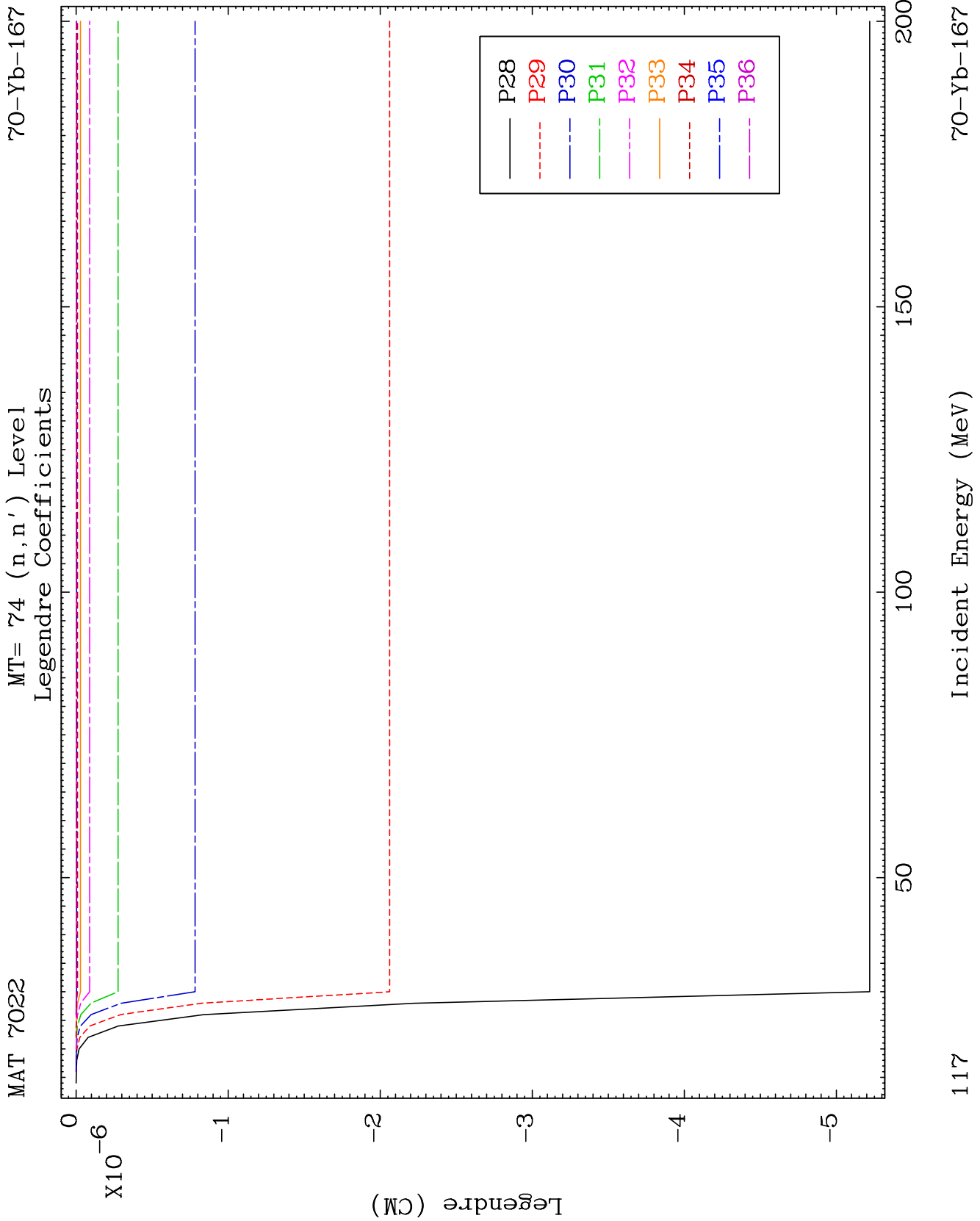
70-Yb-167

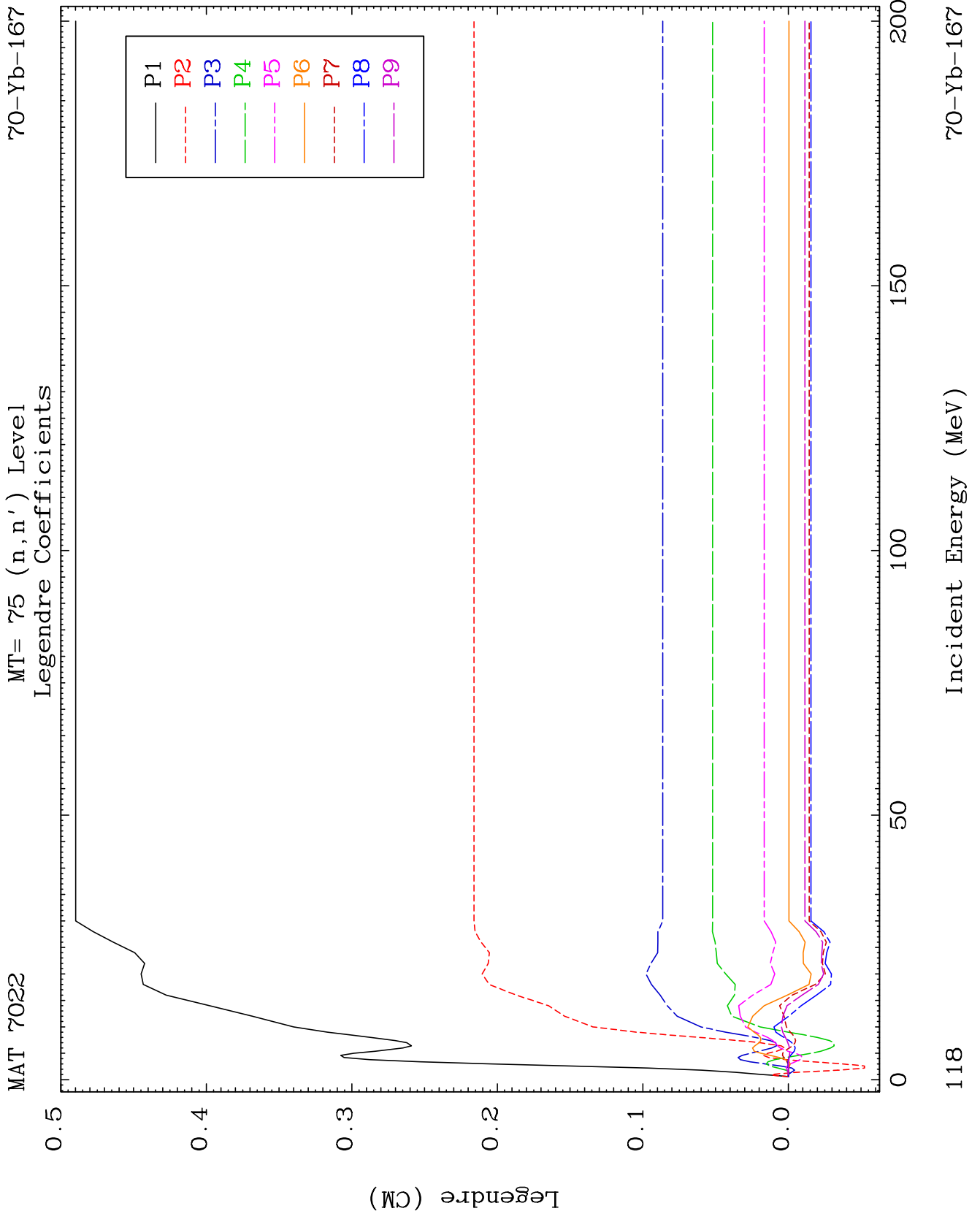


116

Incident Energy (MeV)

70-Yb-167

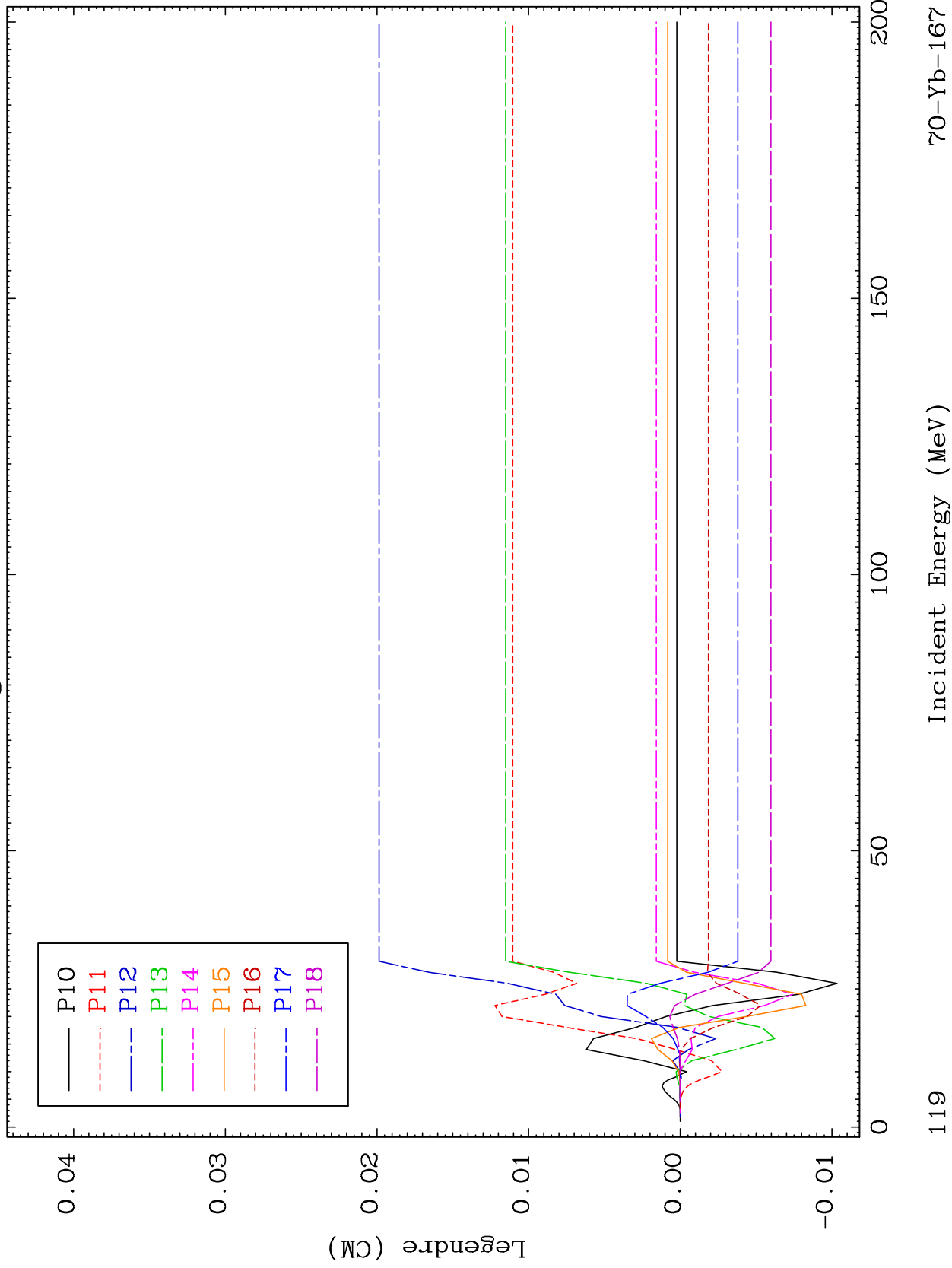




MAT 7022

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

70-Yb-167



119

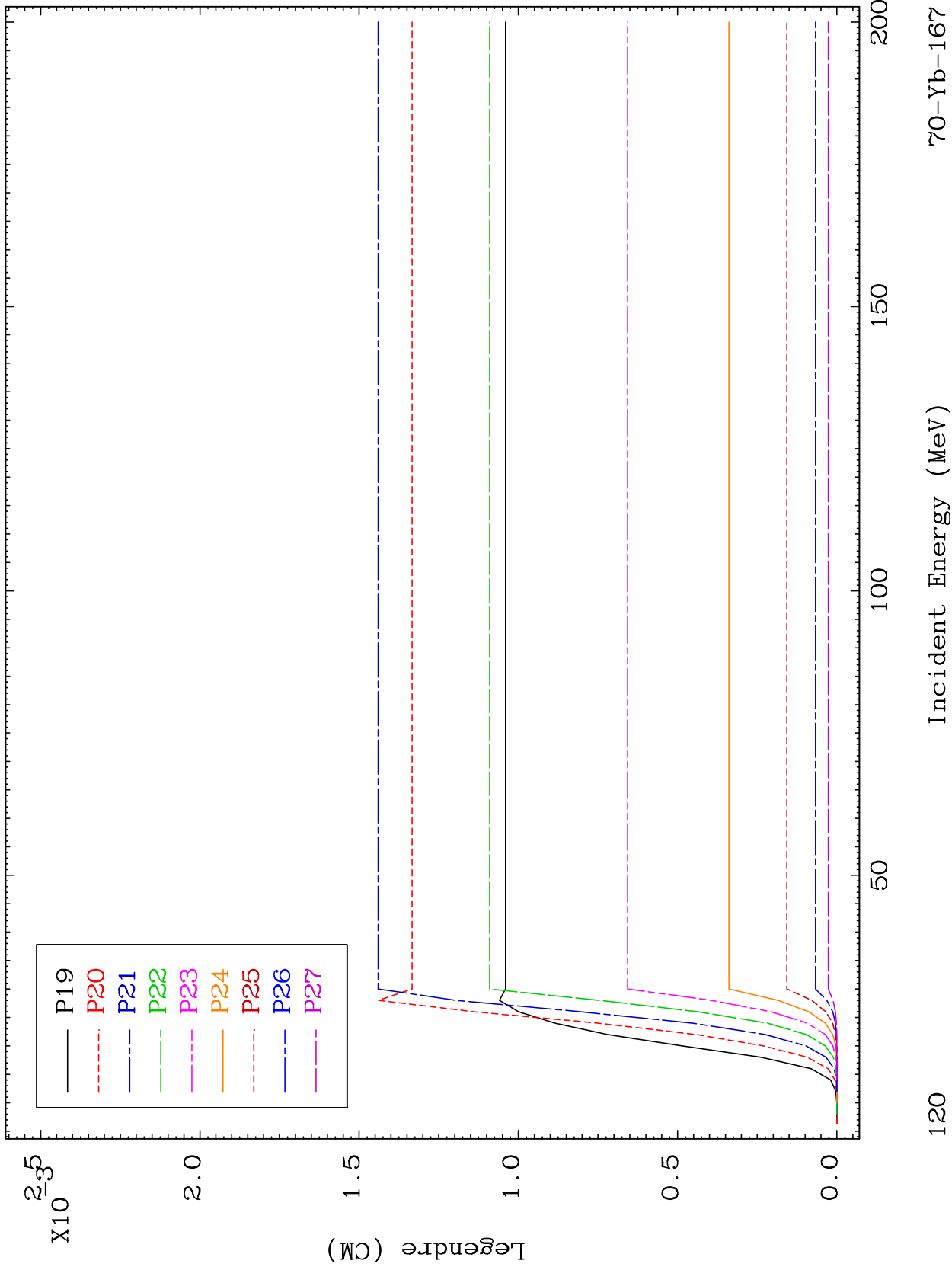
Incident Energy (MeV)

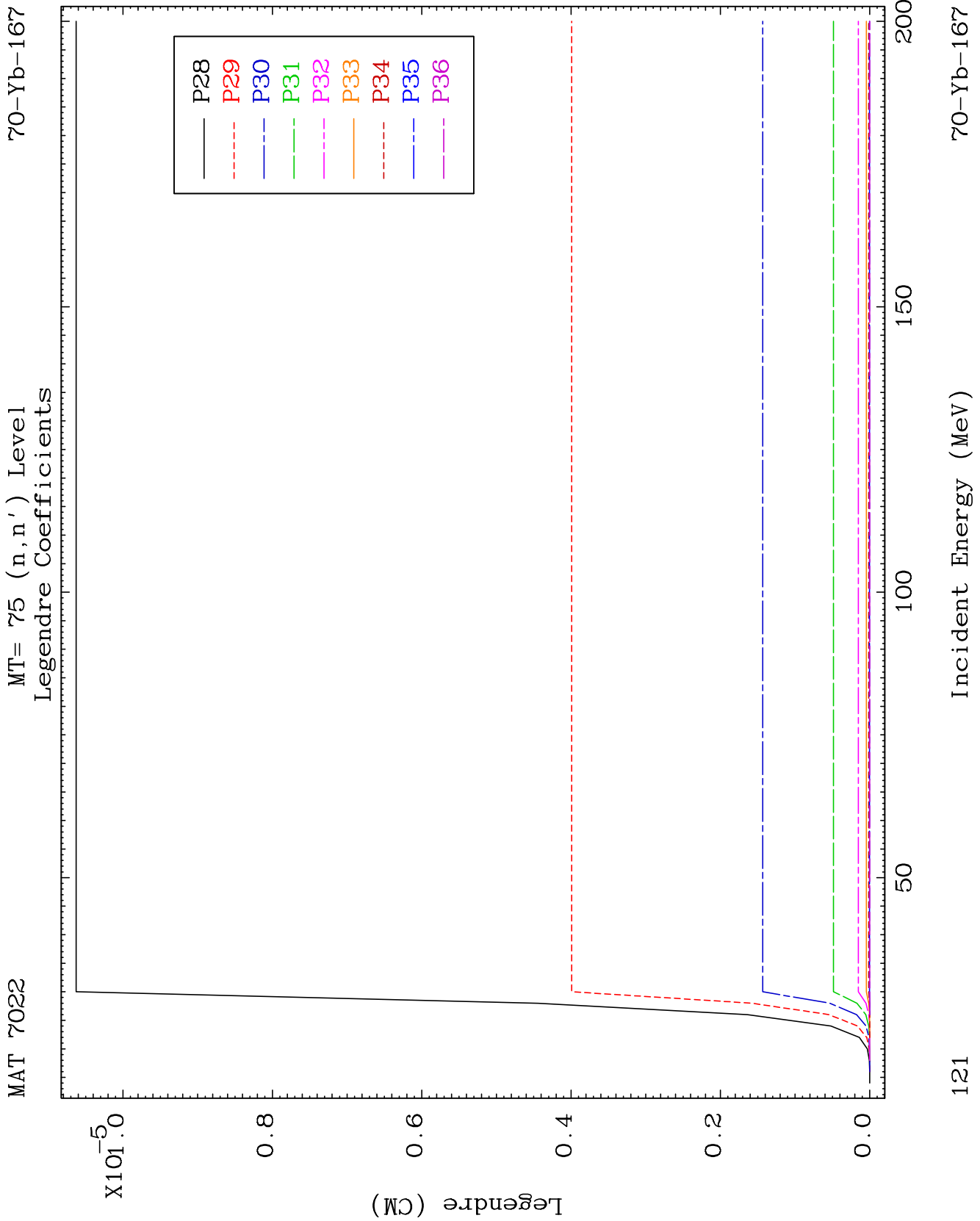
70-Yb-167

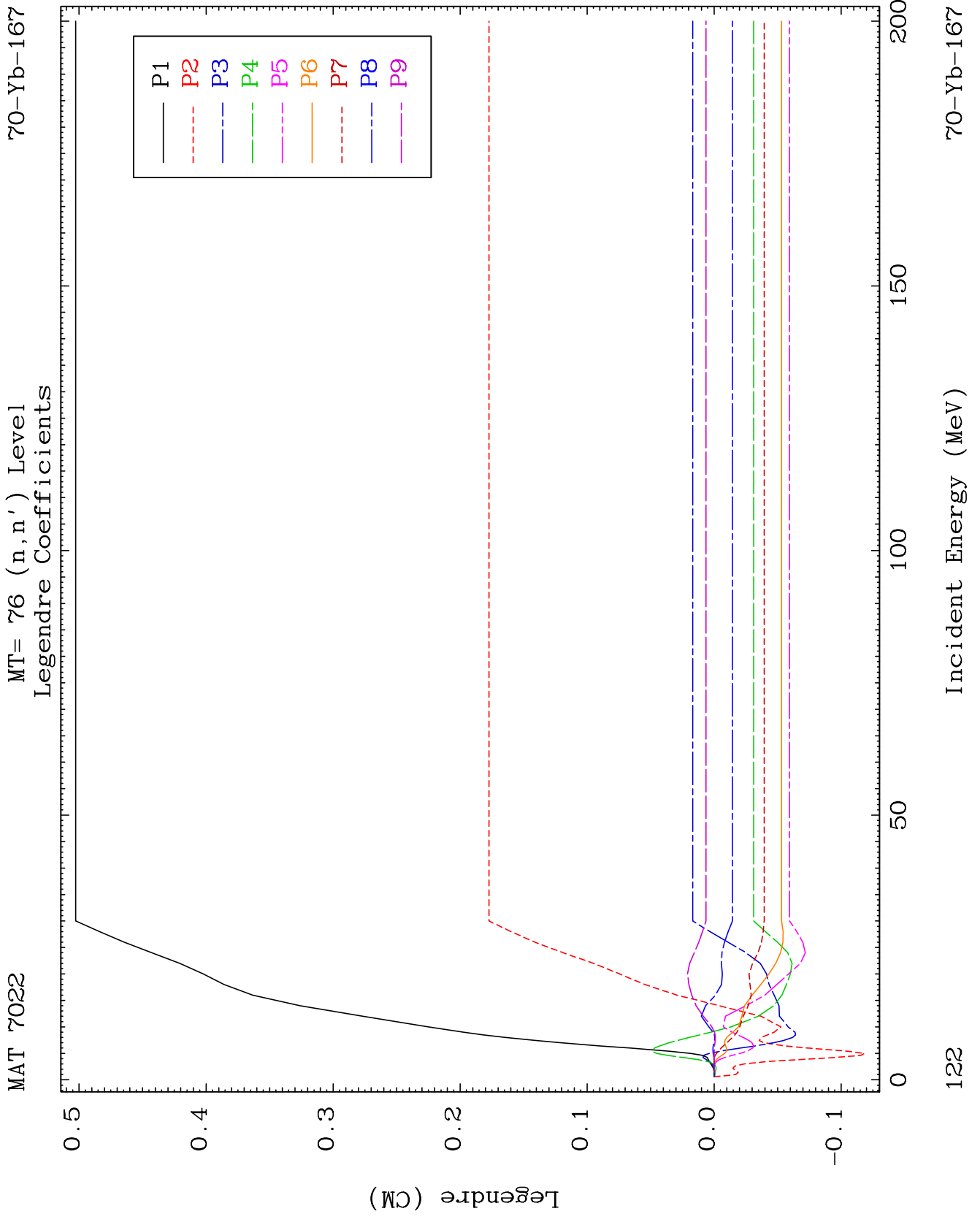
MAT 7022

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

70-Yb-167



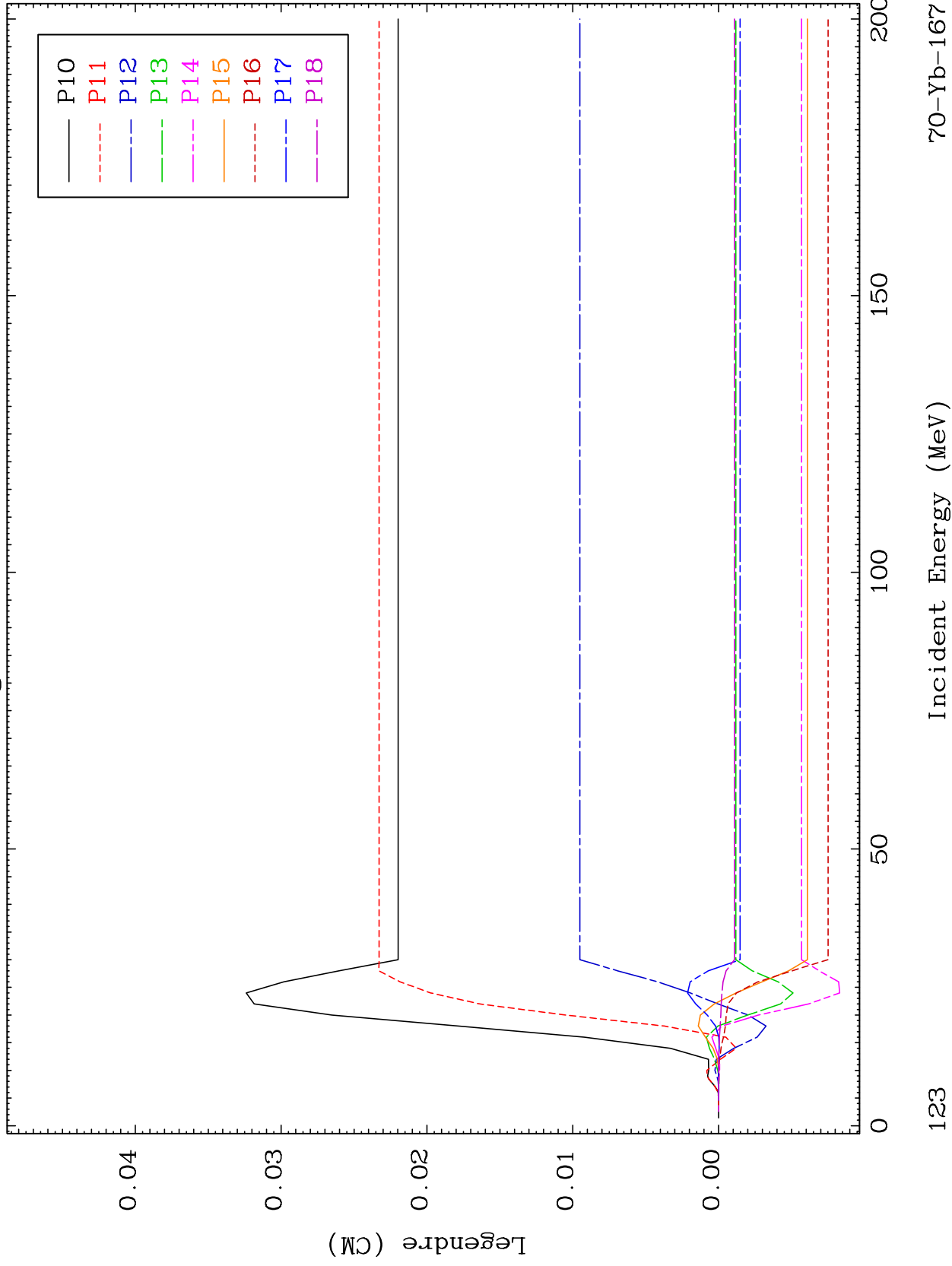




MAT 7022

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

70-Yb-167

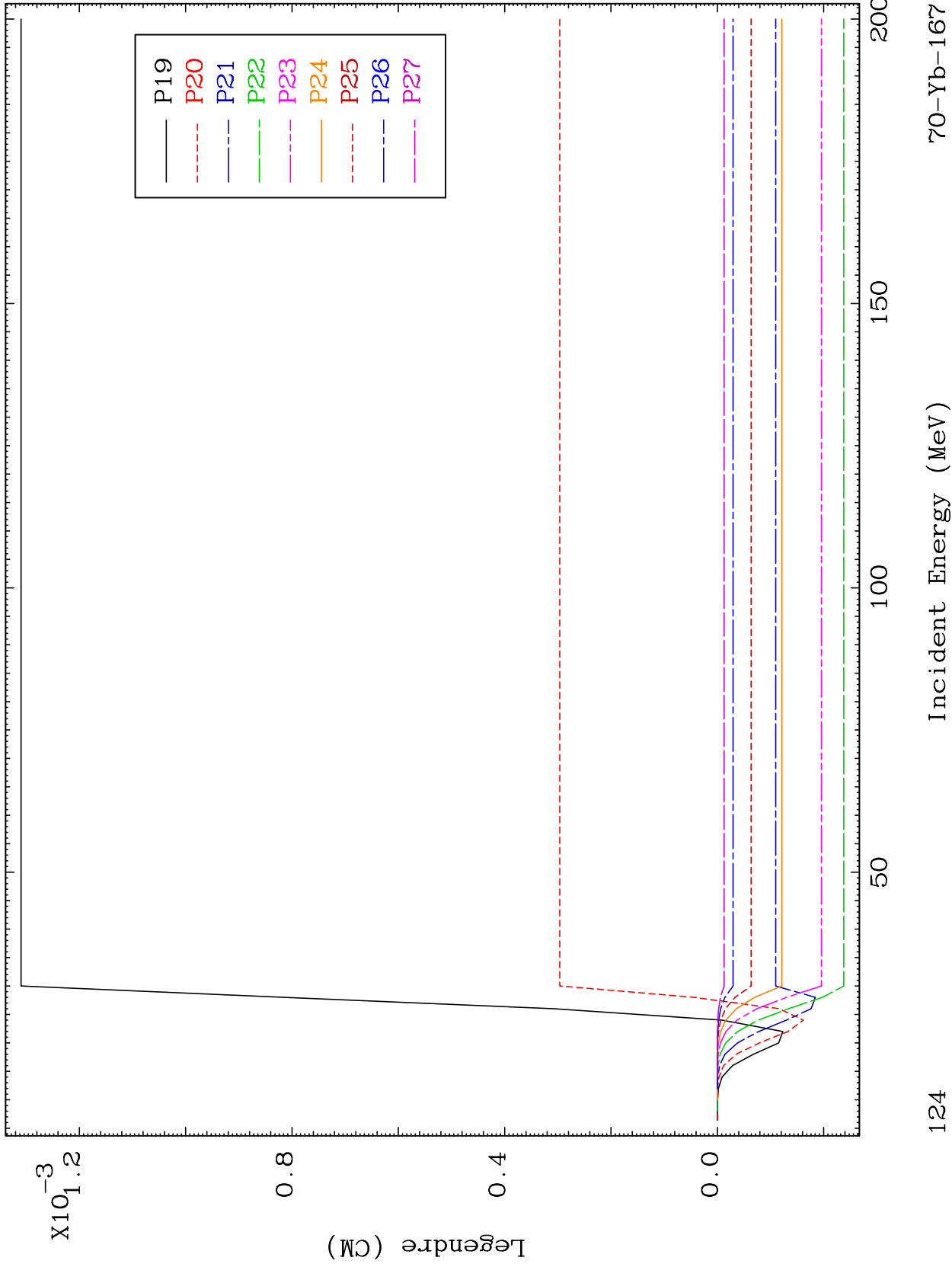


123

MAT 7022

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

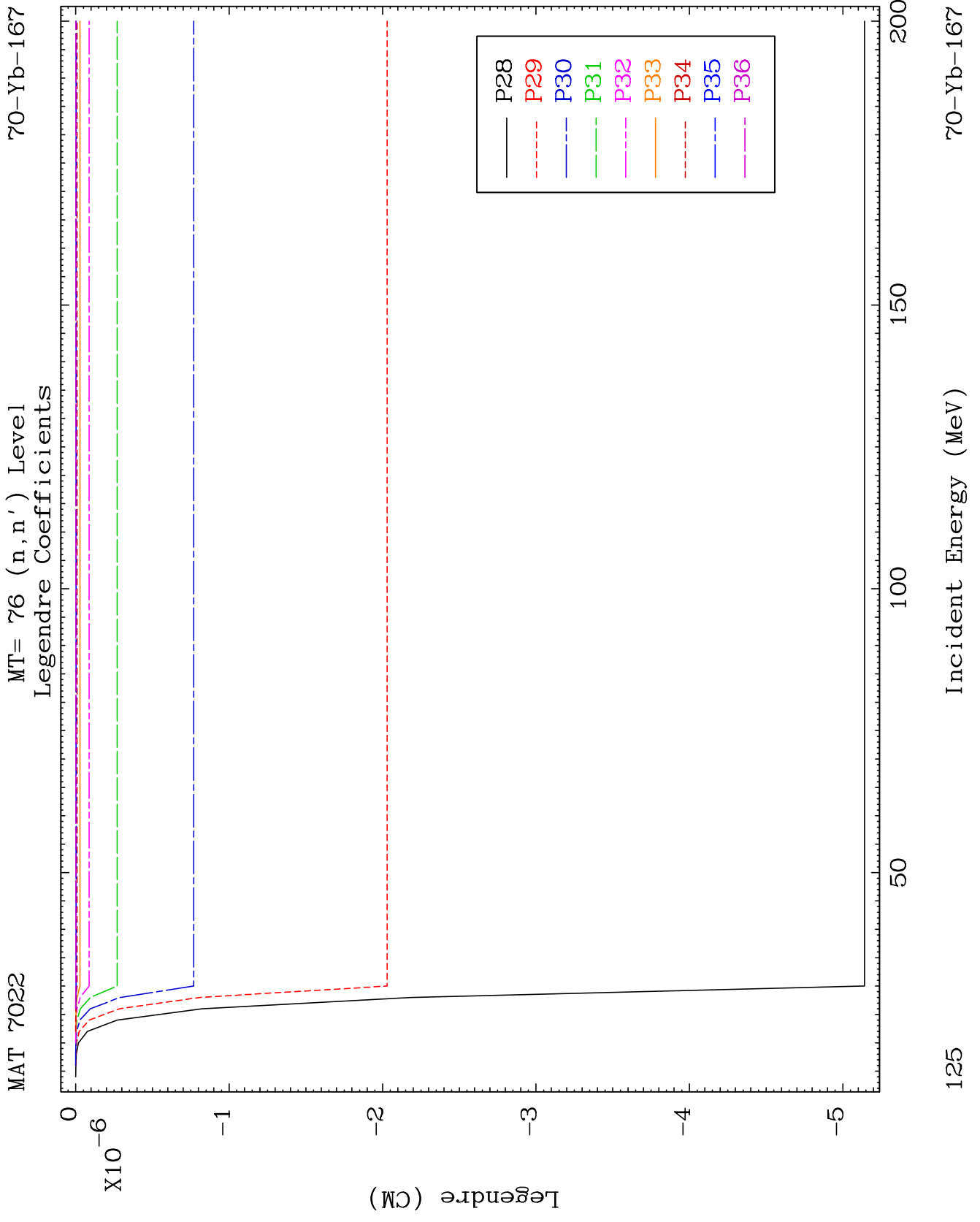
70-Yb-167

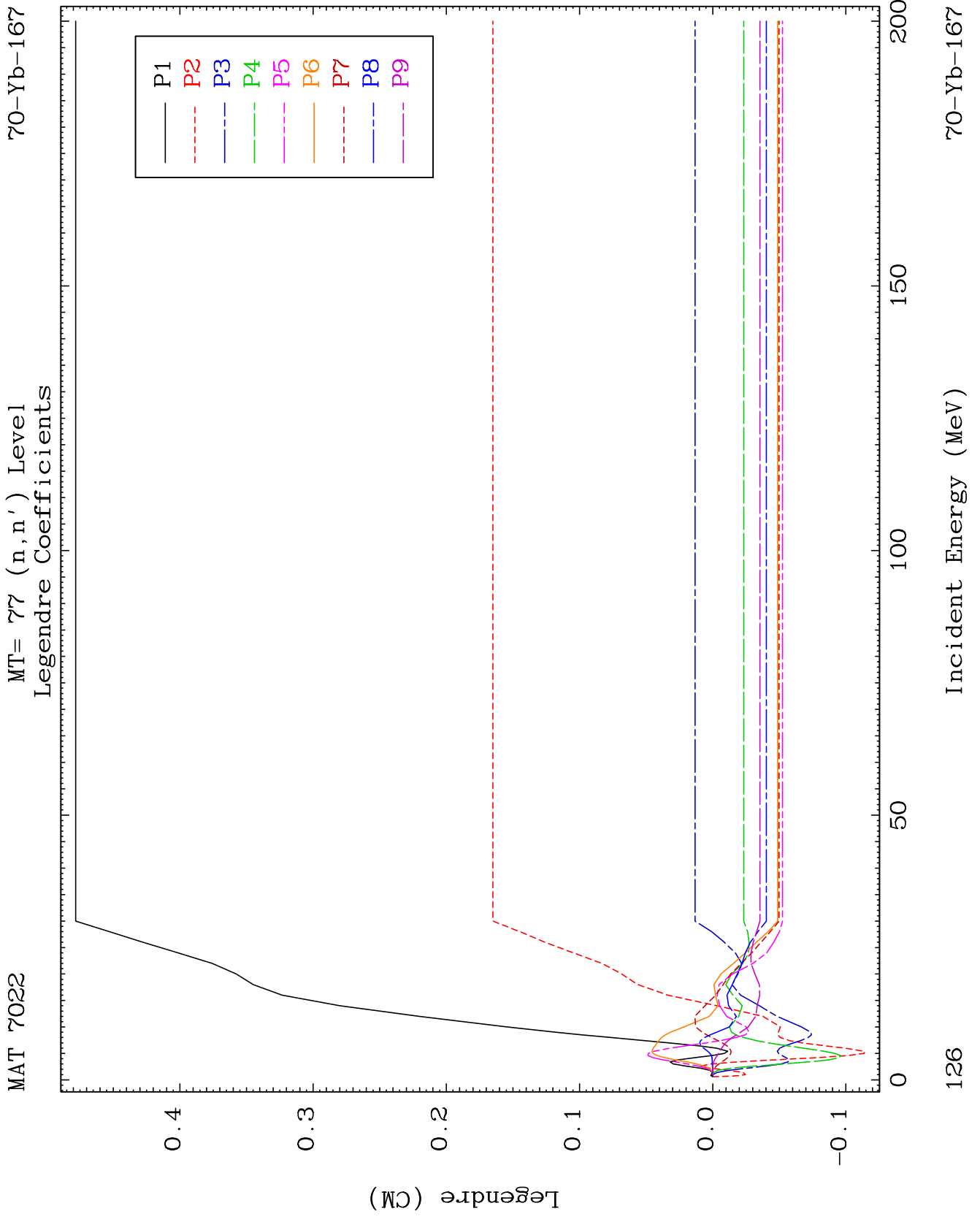


124

Incident Energy (MeV)

70-Yb-167

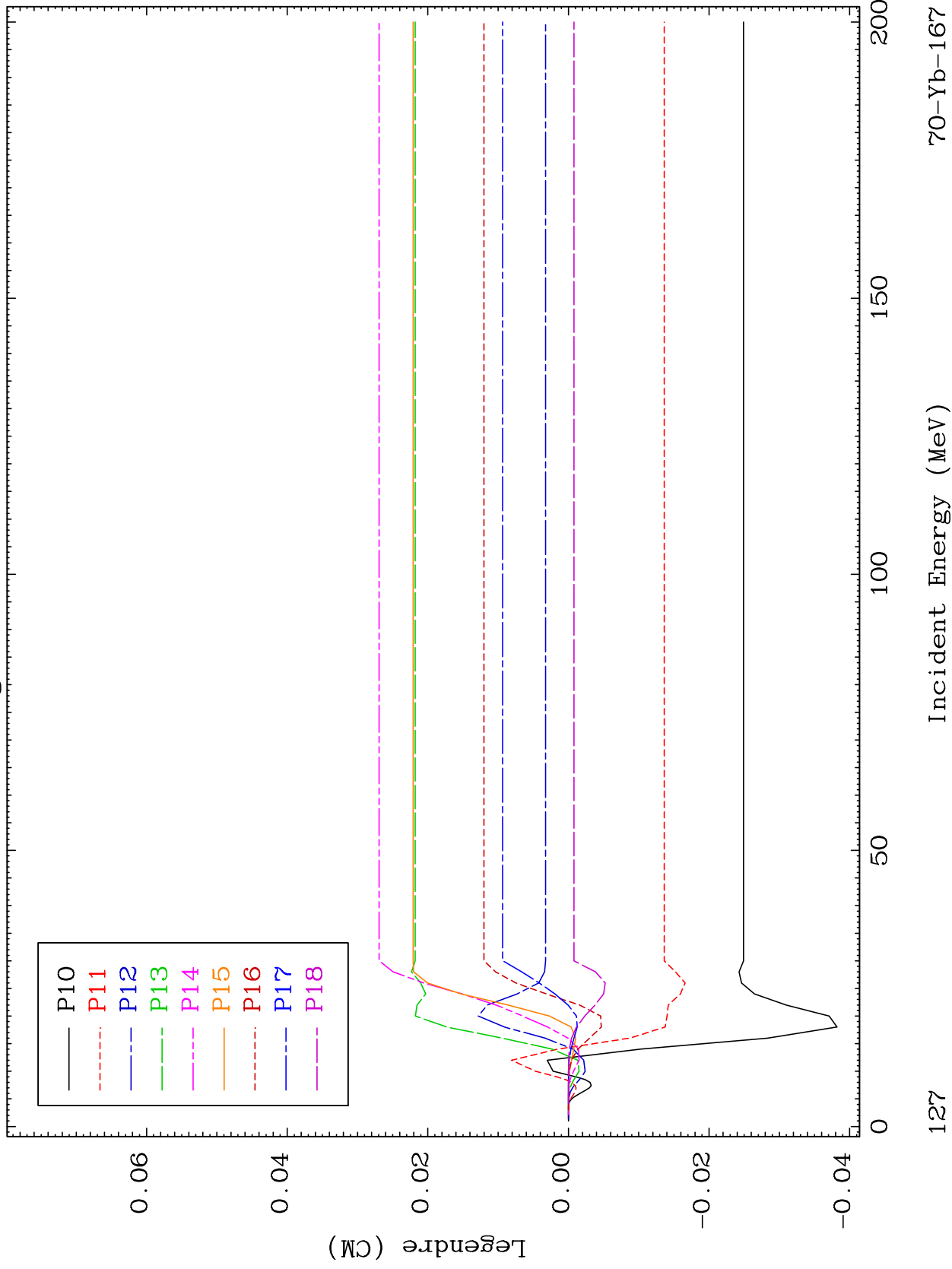




MAT 7022

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

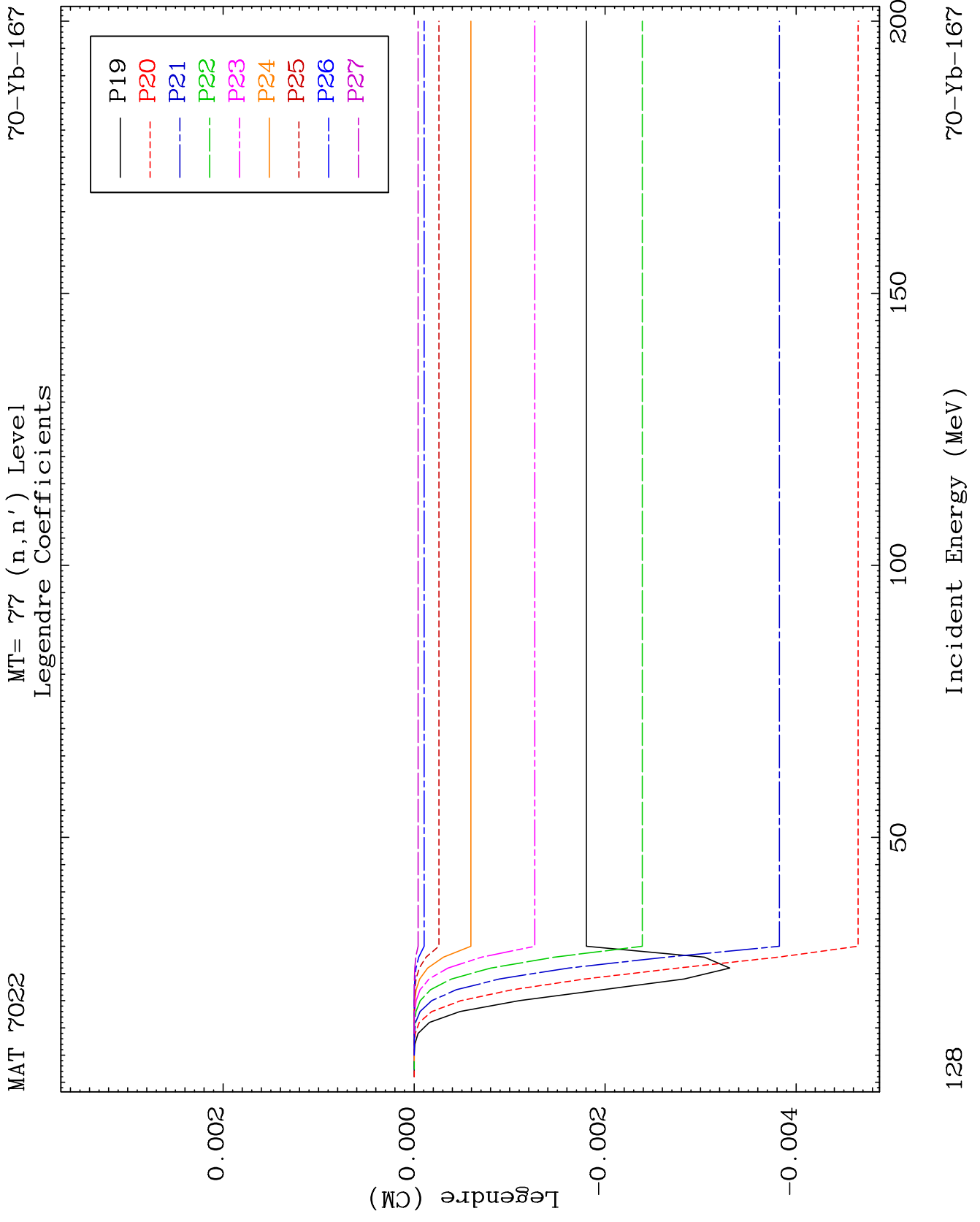
70-Yb-167

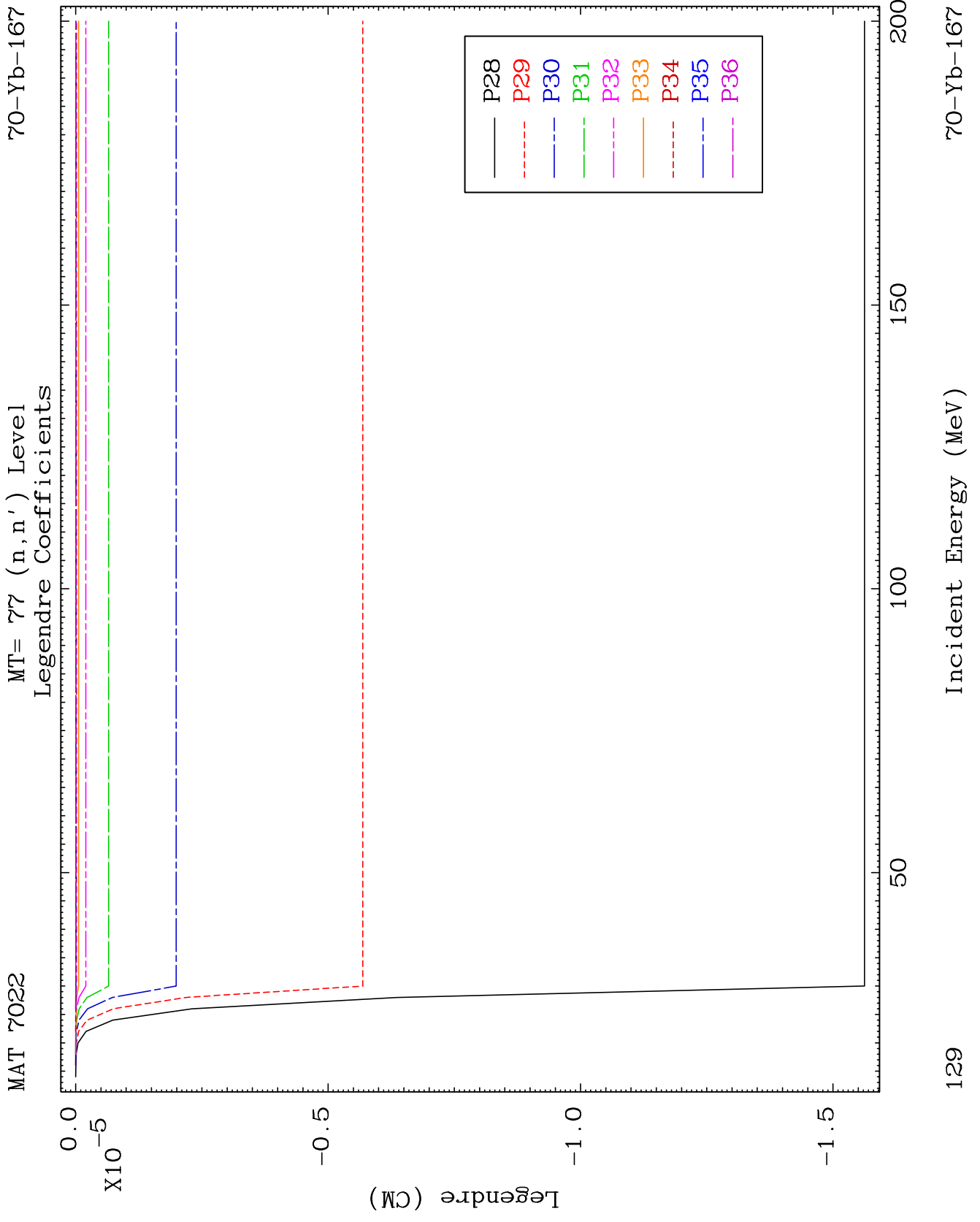


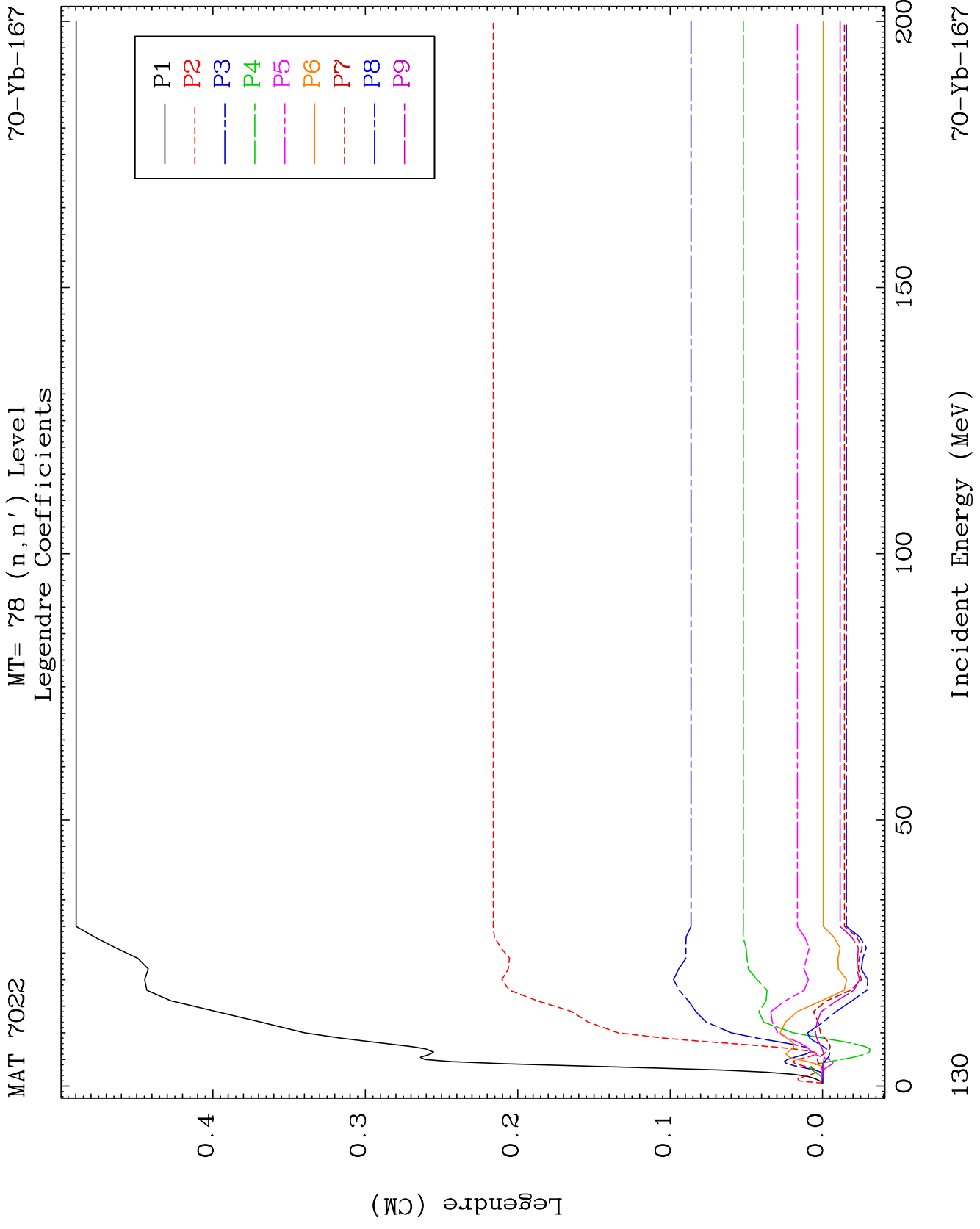
127

Incident Energy (MeV)

70-Yb-167



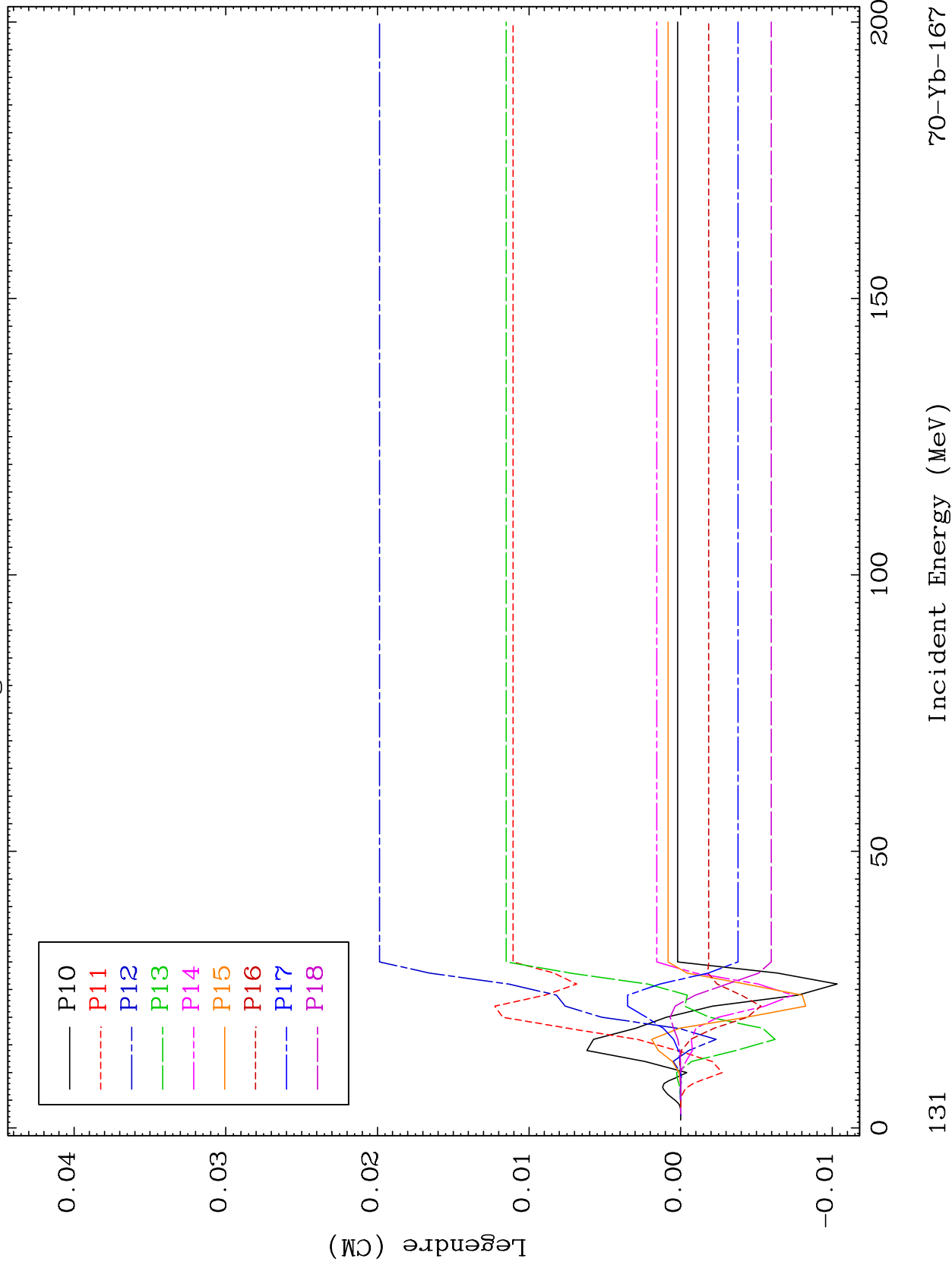




MAT 7022

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

70-Yb-167



131

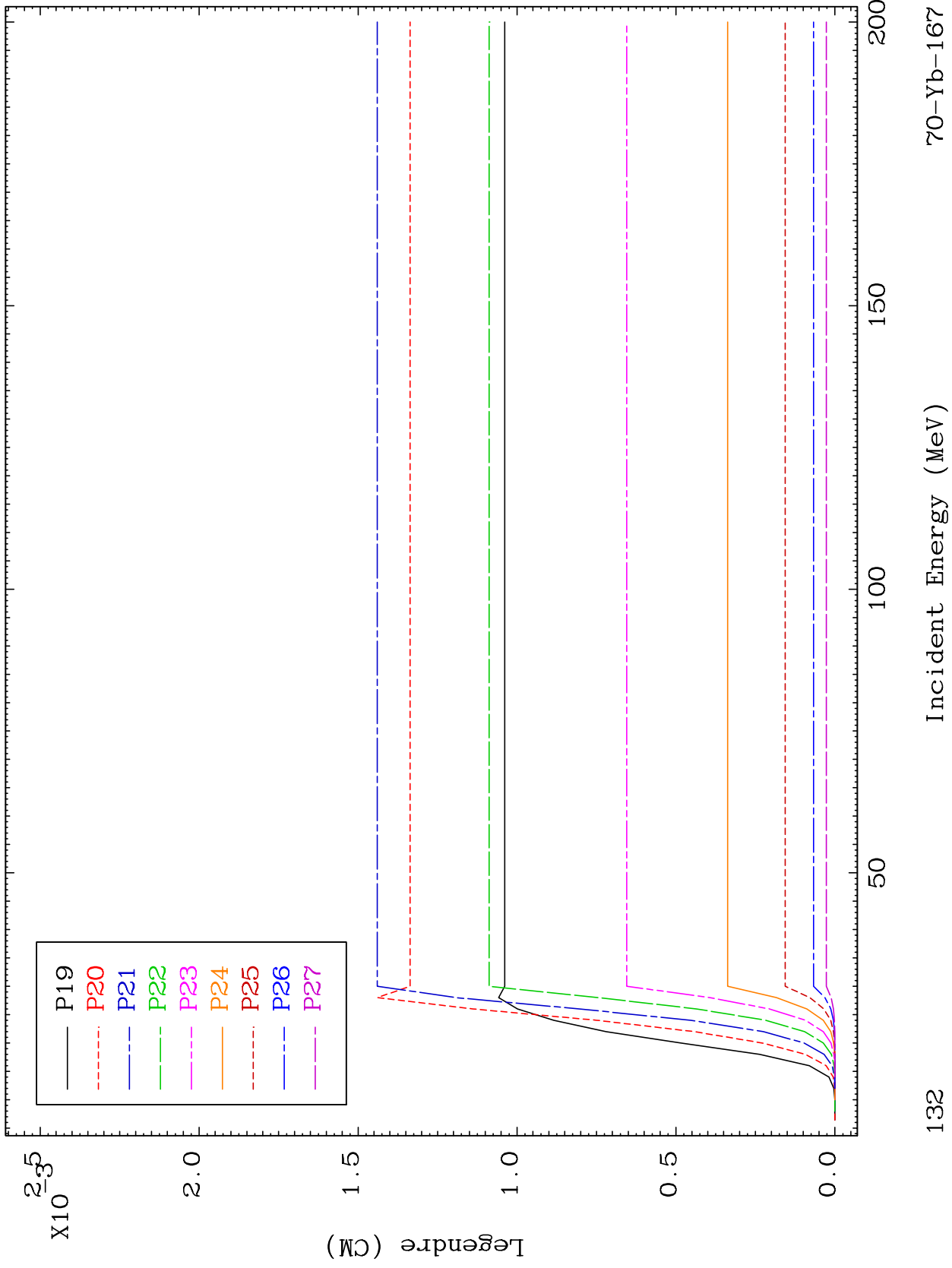
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

70-Yb-167



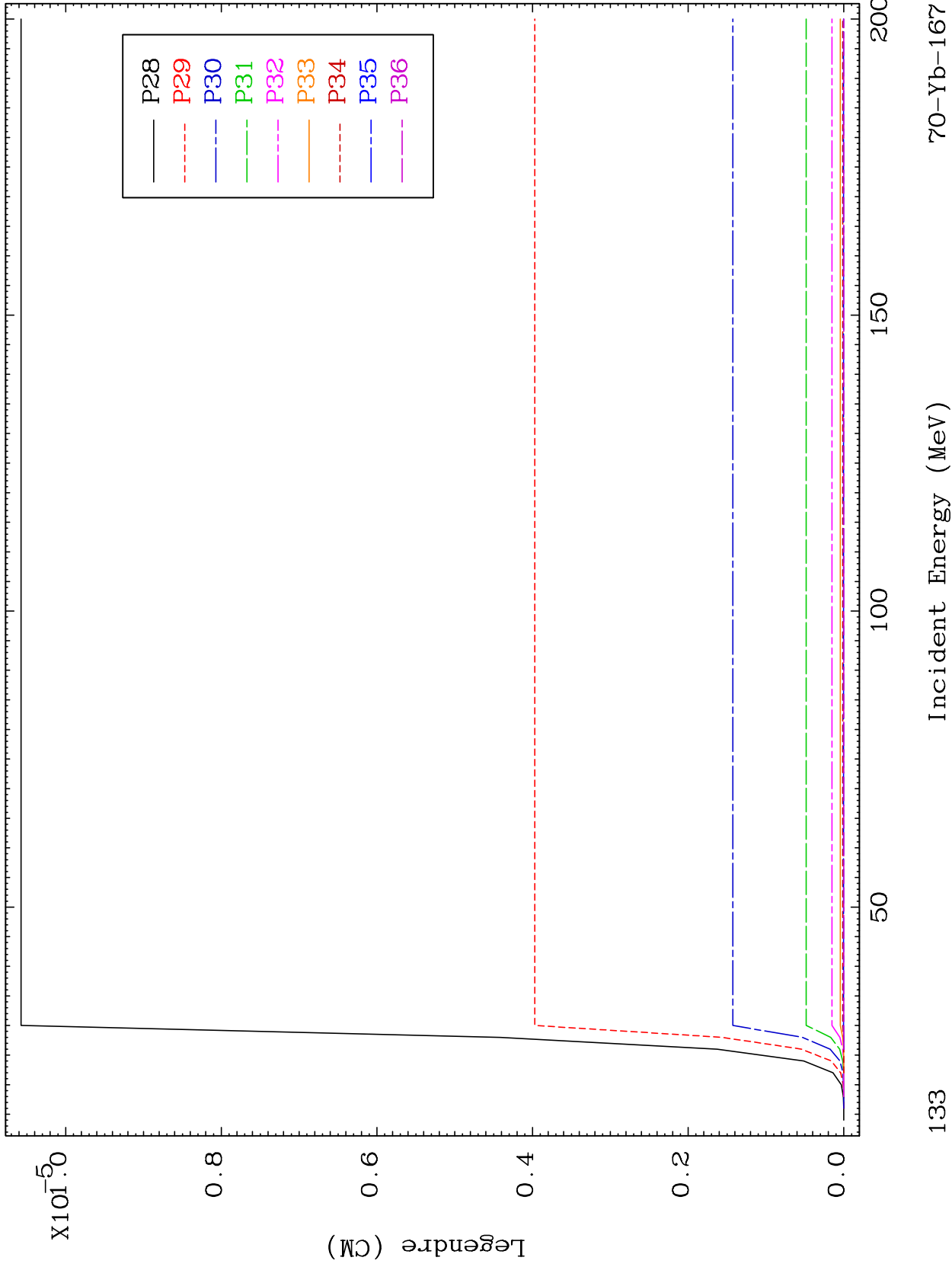
132

70-Yb-167

MAT 7022

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

70-Yb-167



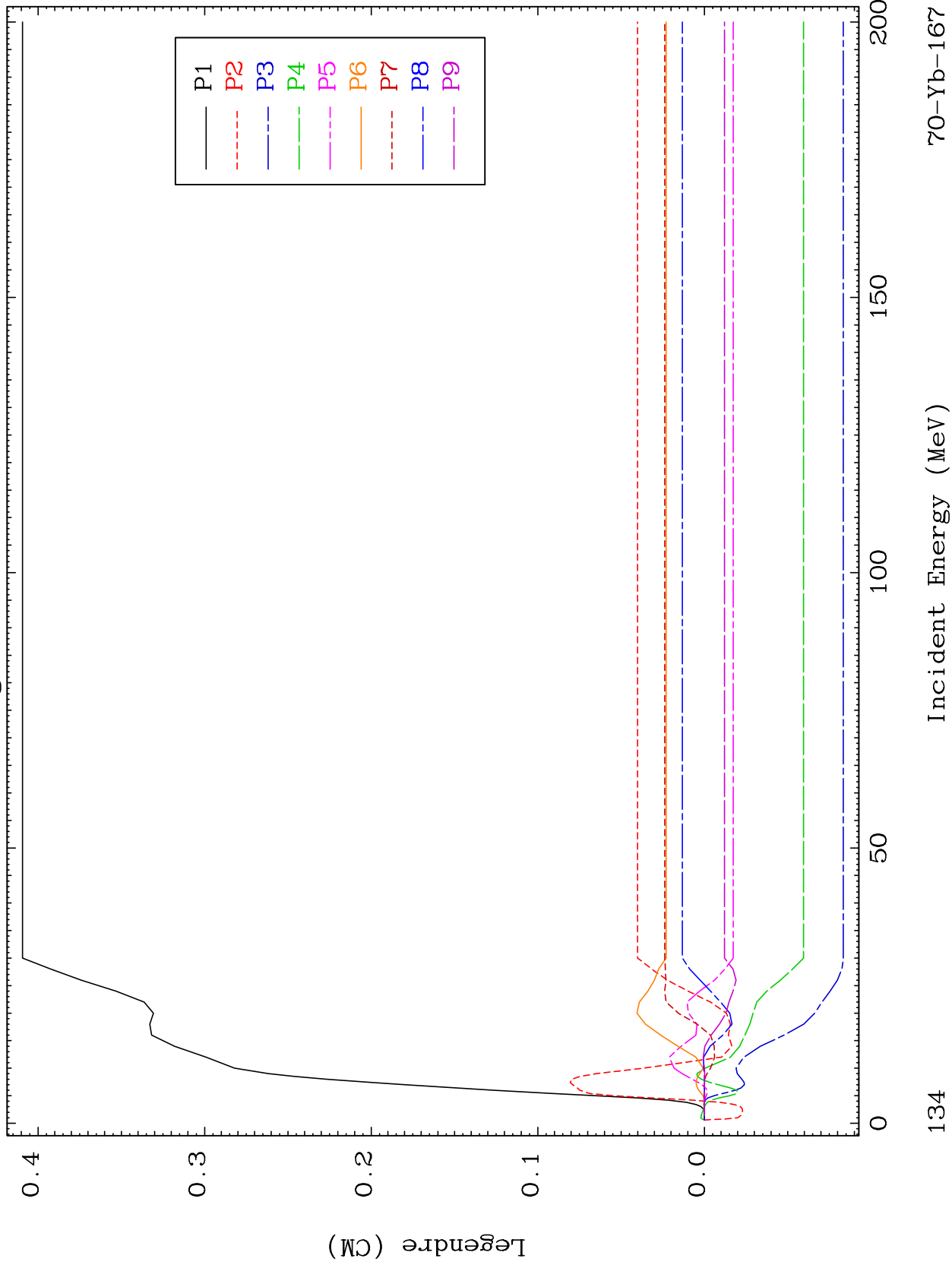
133

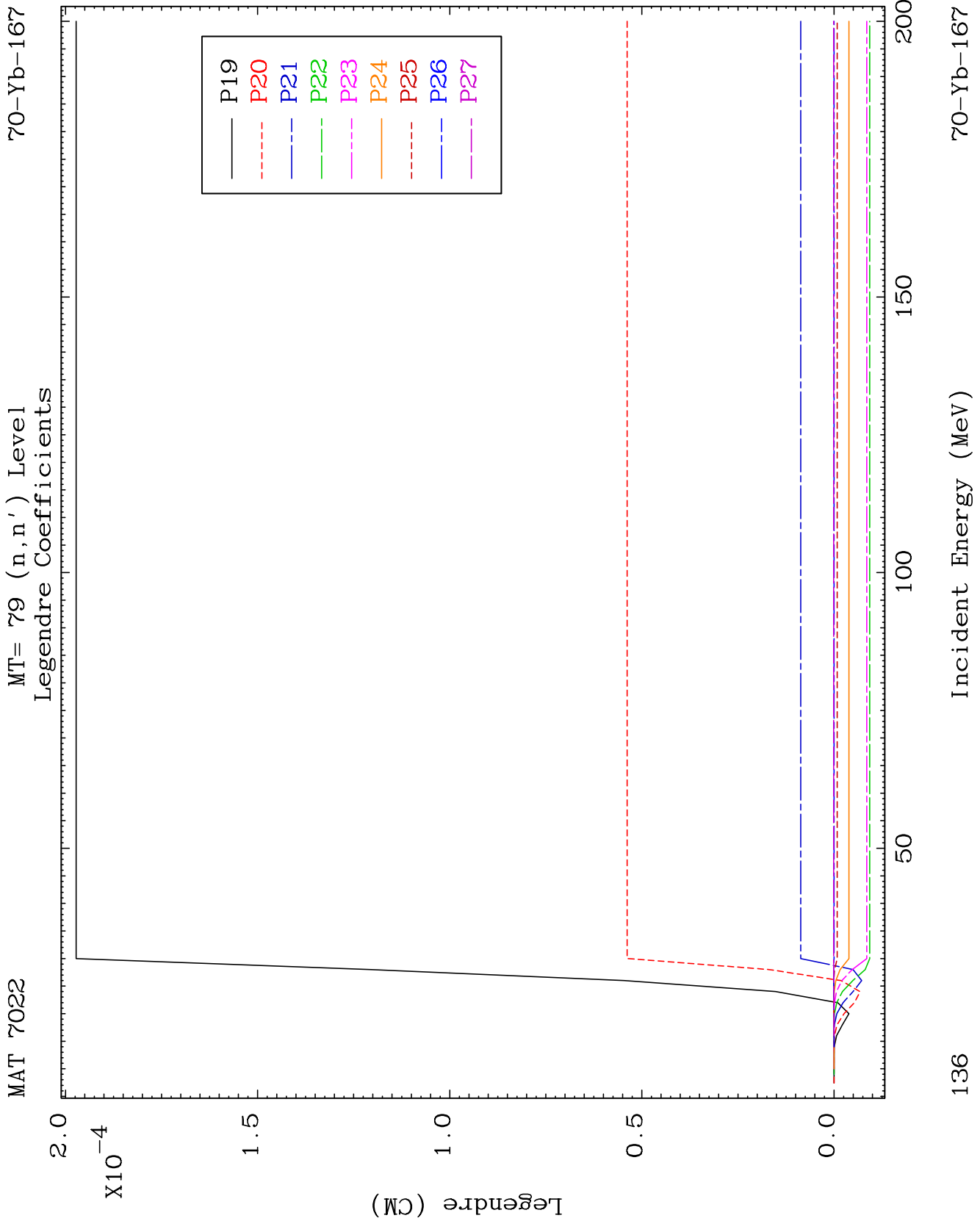
70-Yb-167

MAT 7022

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

70-Yb-167

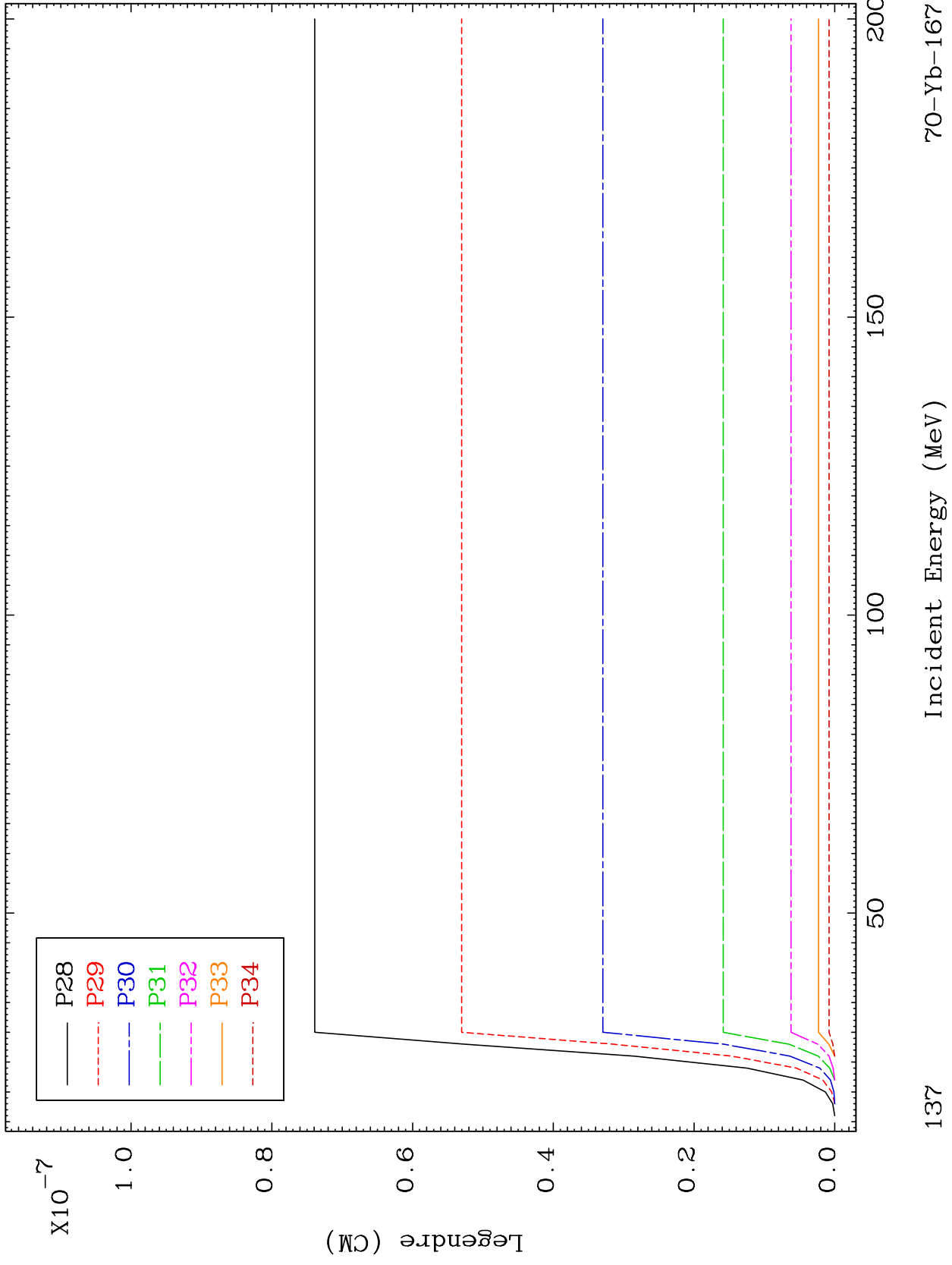




MAT 7022

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

70-Yb-167

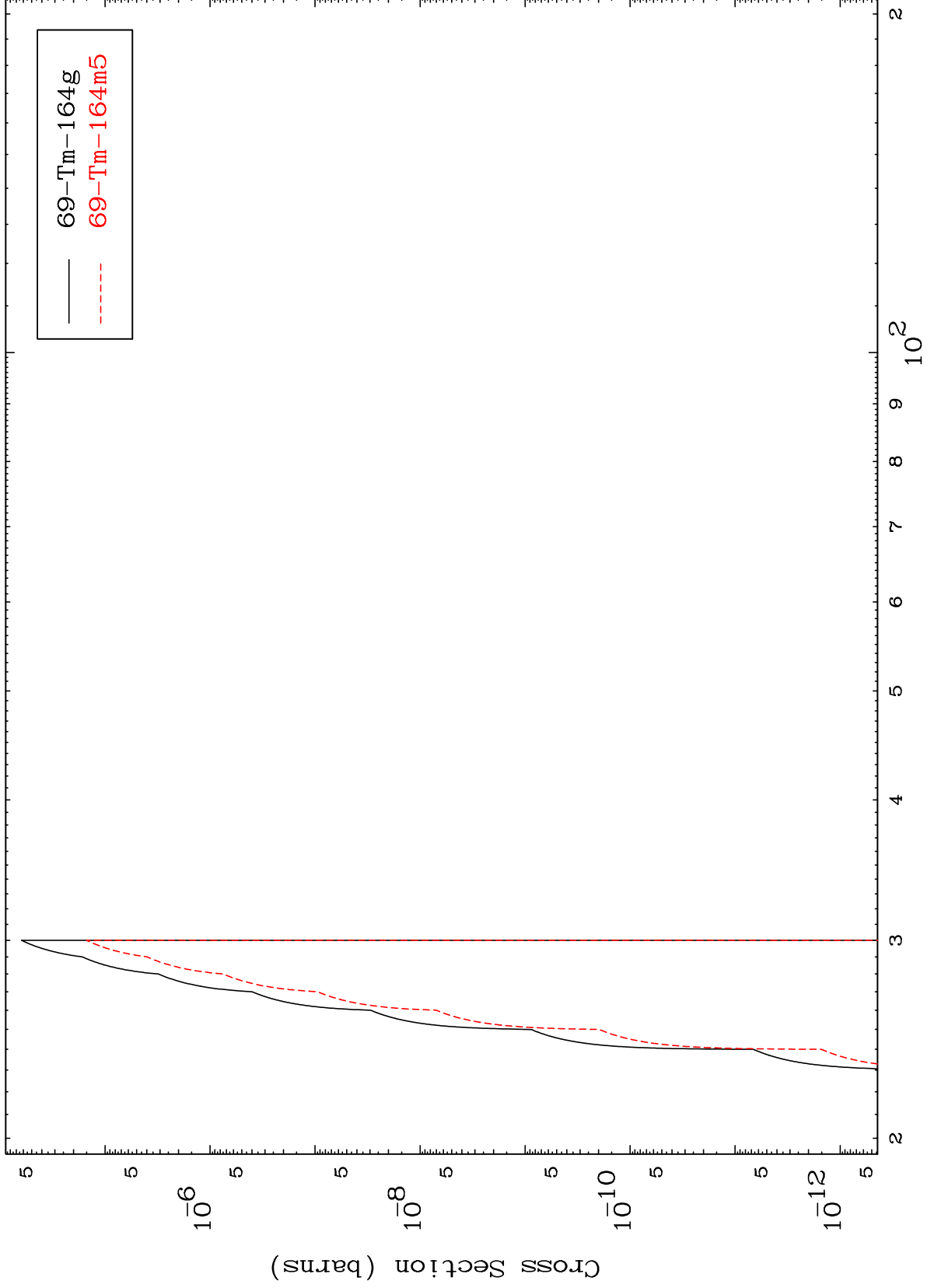


MAT 7022

(n,2n) d

70-Yb-167

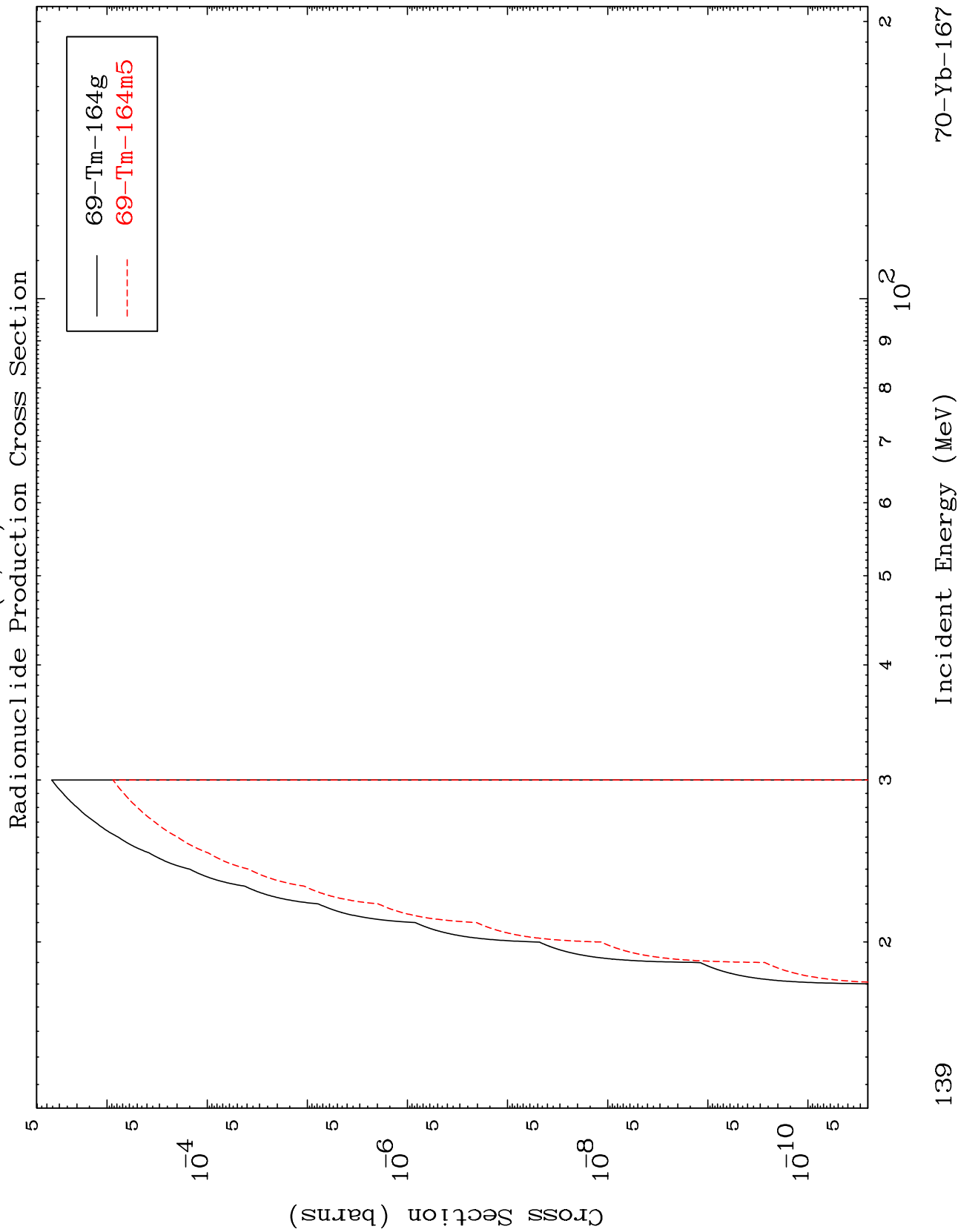
Radionuclide Production Cross Section



138

Incident Energy (MeV)

70-Yb-167

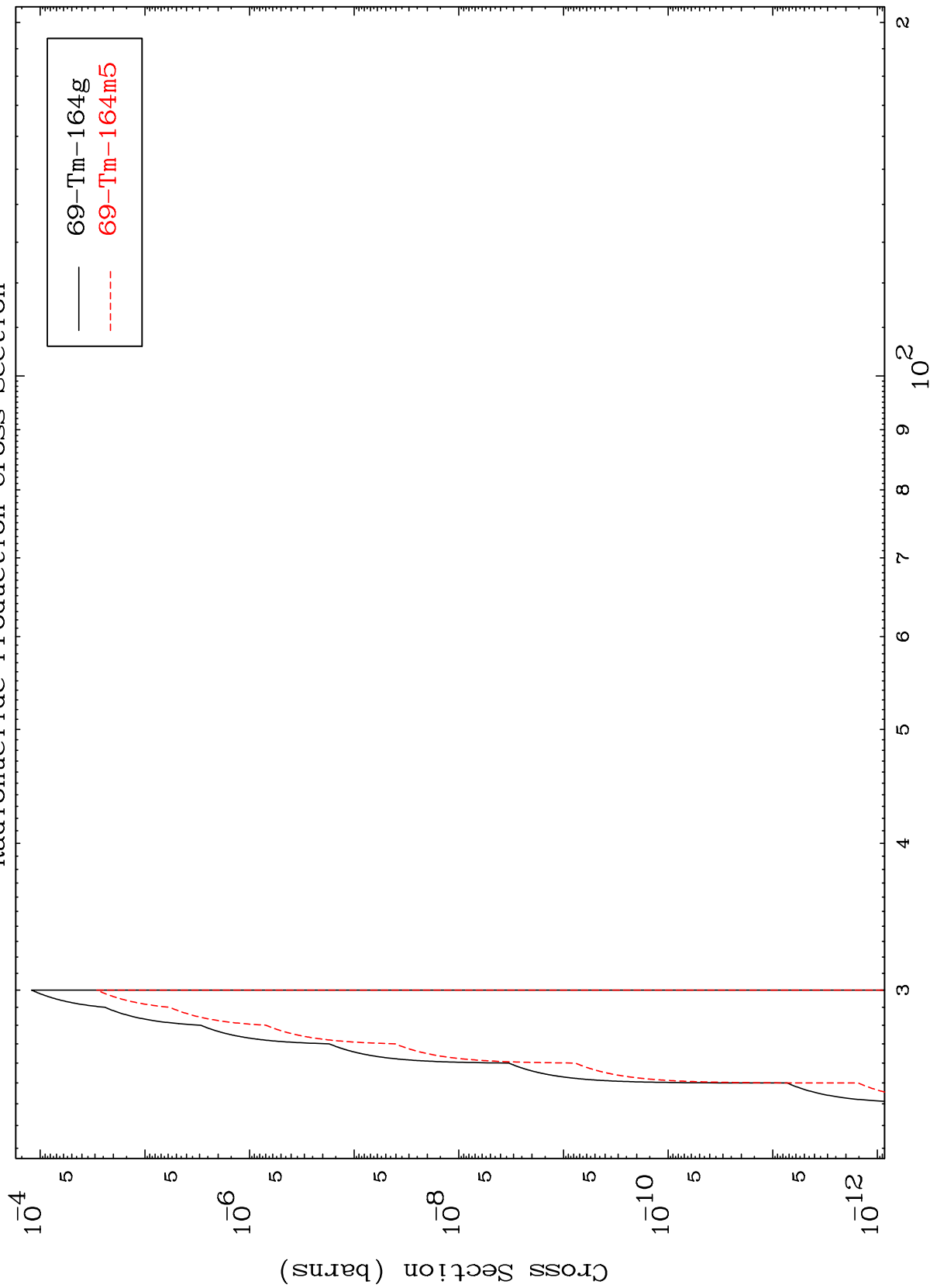


MAT 7022

(n,3n) p

70-Yb-167

Radionuclide Production Cross Section



140

Incident Energy (MeV)

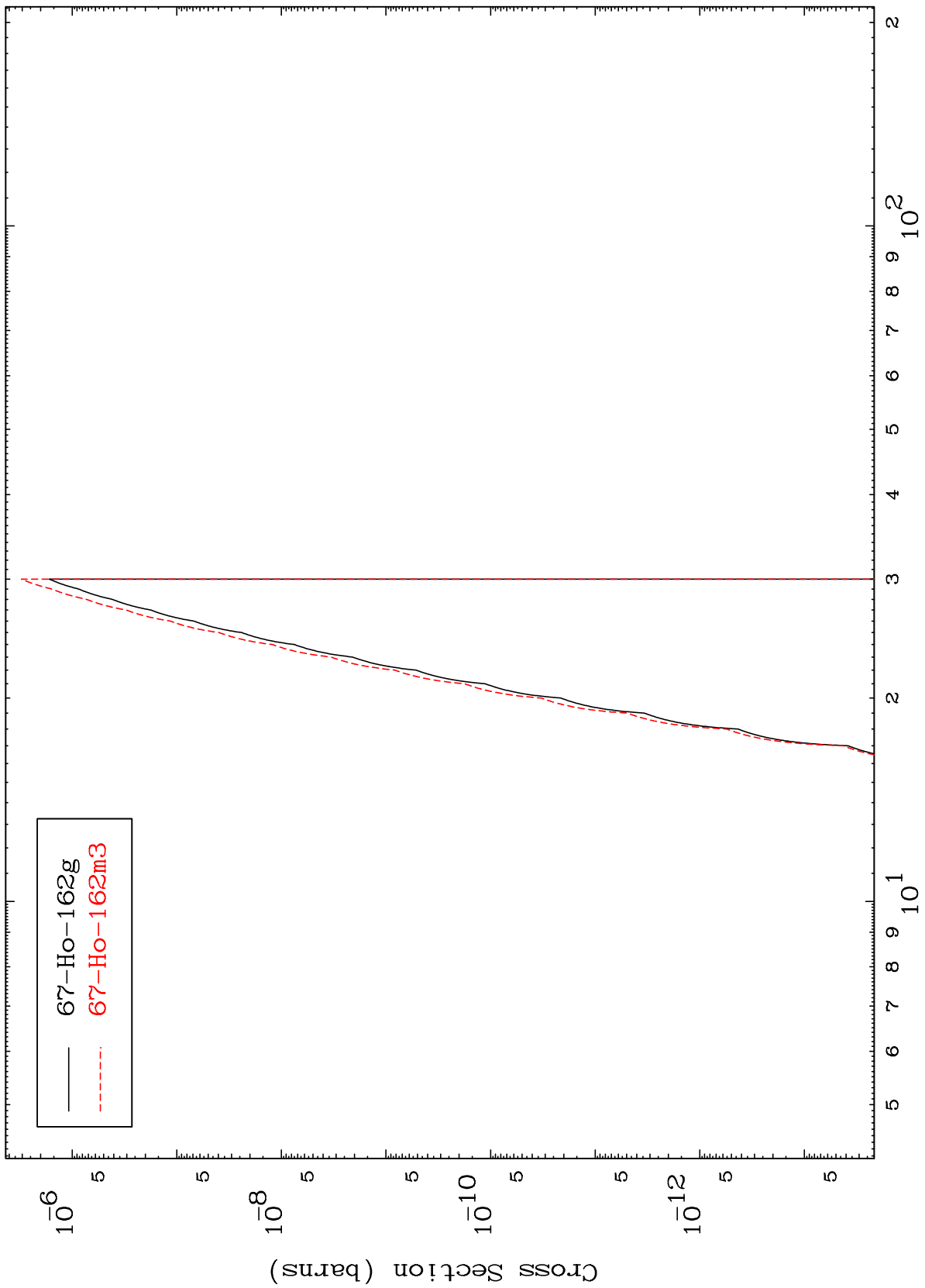
70-Yb-167

MAT 7022

(n,n') p α

70-Yb-167

Radionuclide Production Cross Section



141

Incident Energy (MeV)

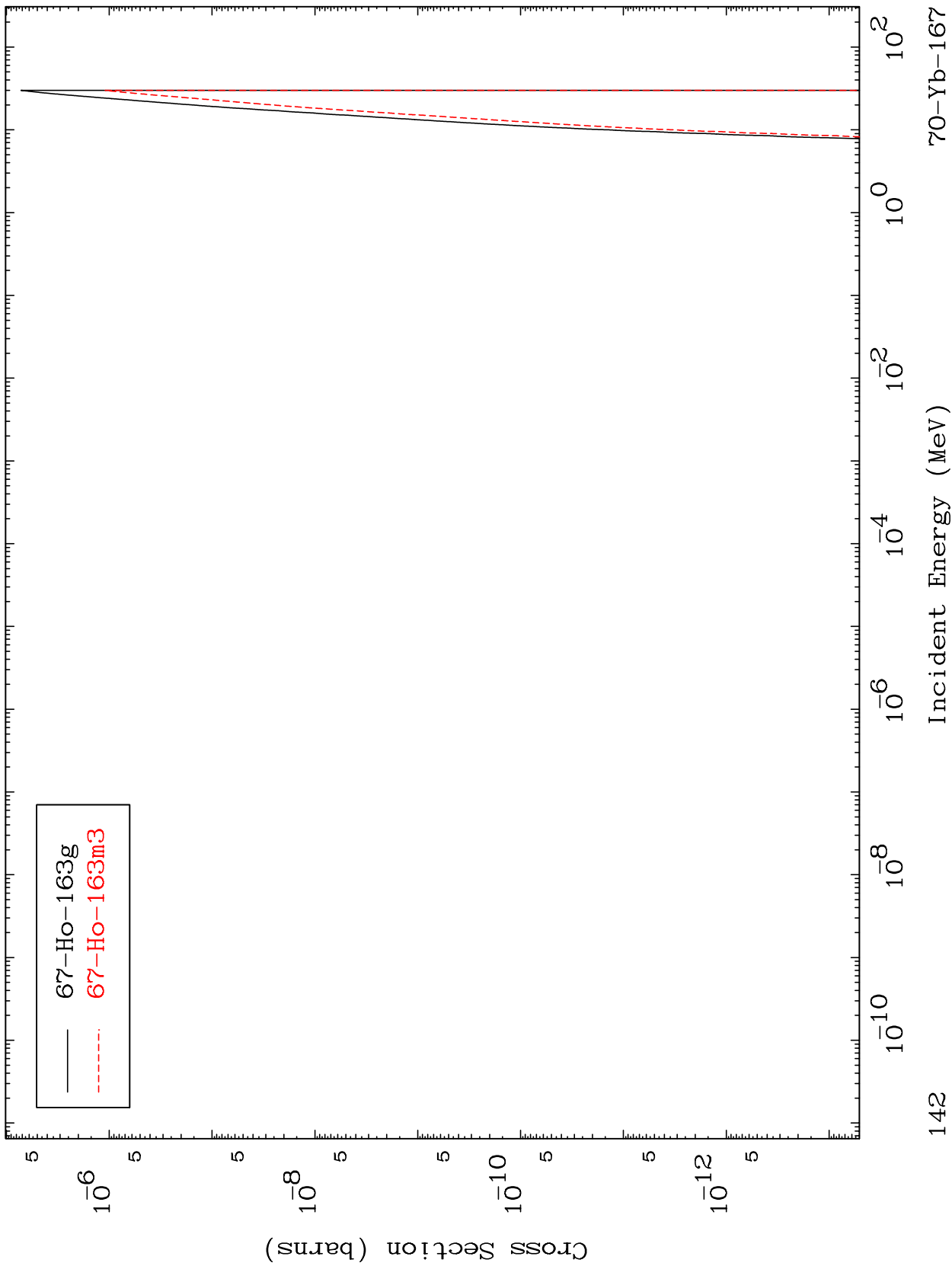
70-Yb-167

MAT 7022

(n,p) α

70-Yb-167

Radionuclide Production Cross Section



Radionuclide Production Cross Section

