

Program EVALPLOT
(Version 2018-1)

by

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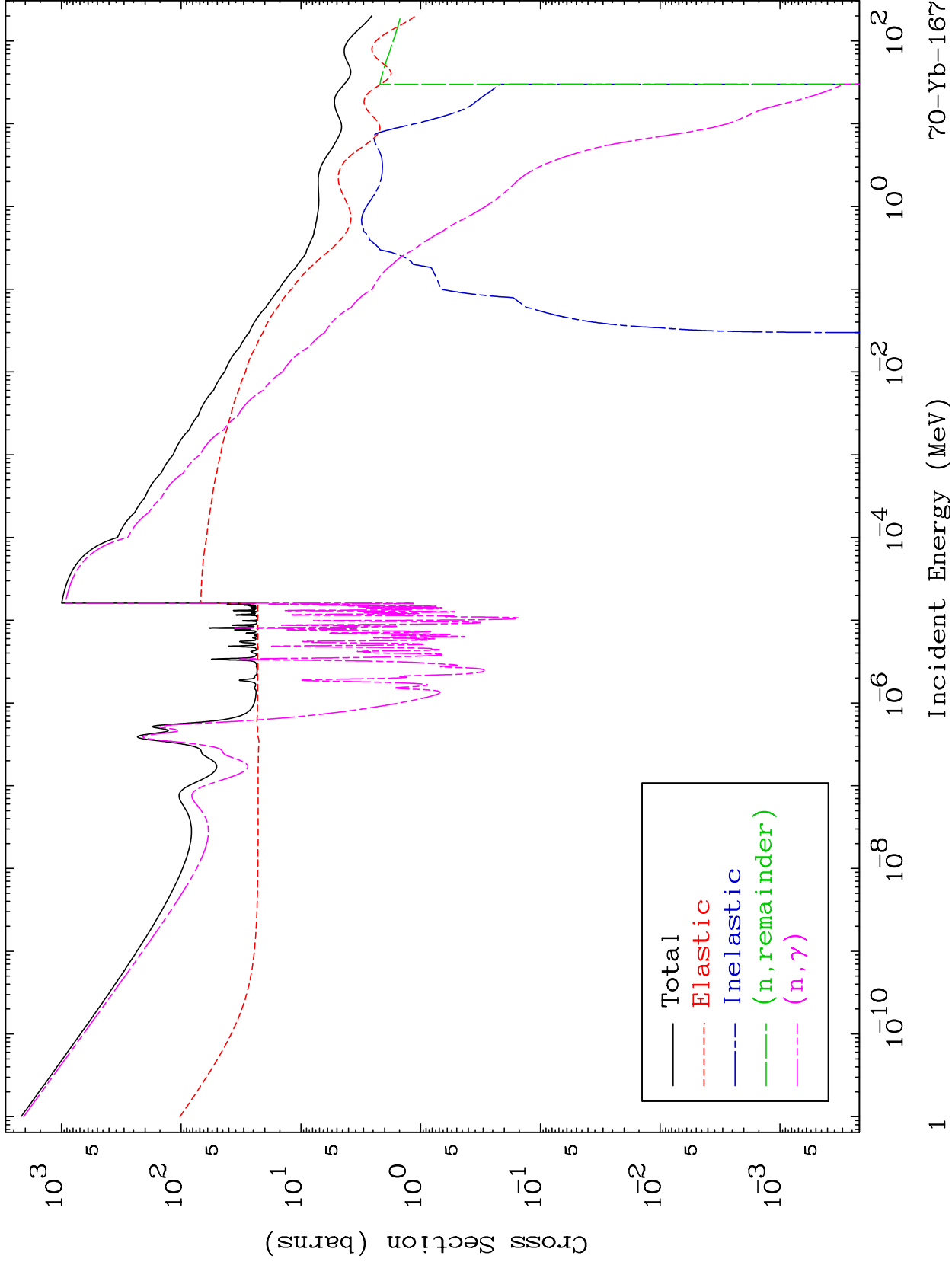
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Press Mouse Button to Start

MAT 7022

Major
293 Kelvin Cross Sections

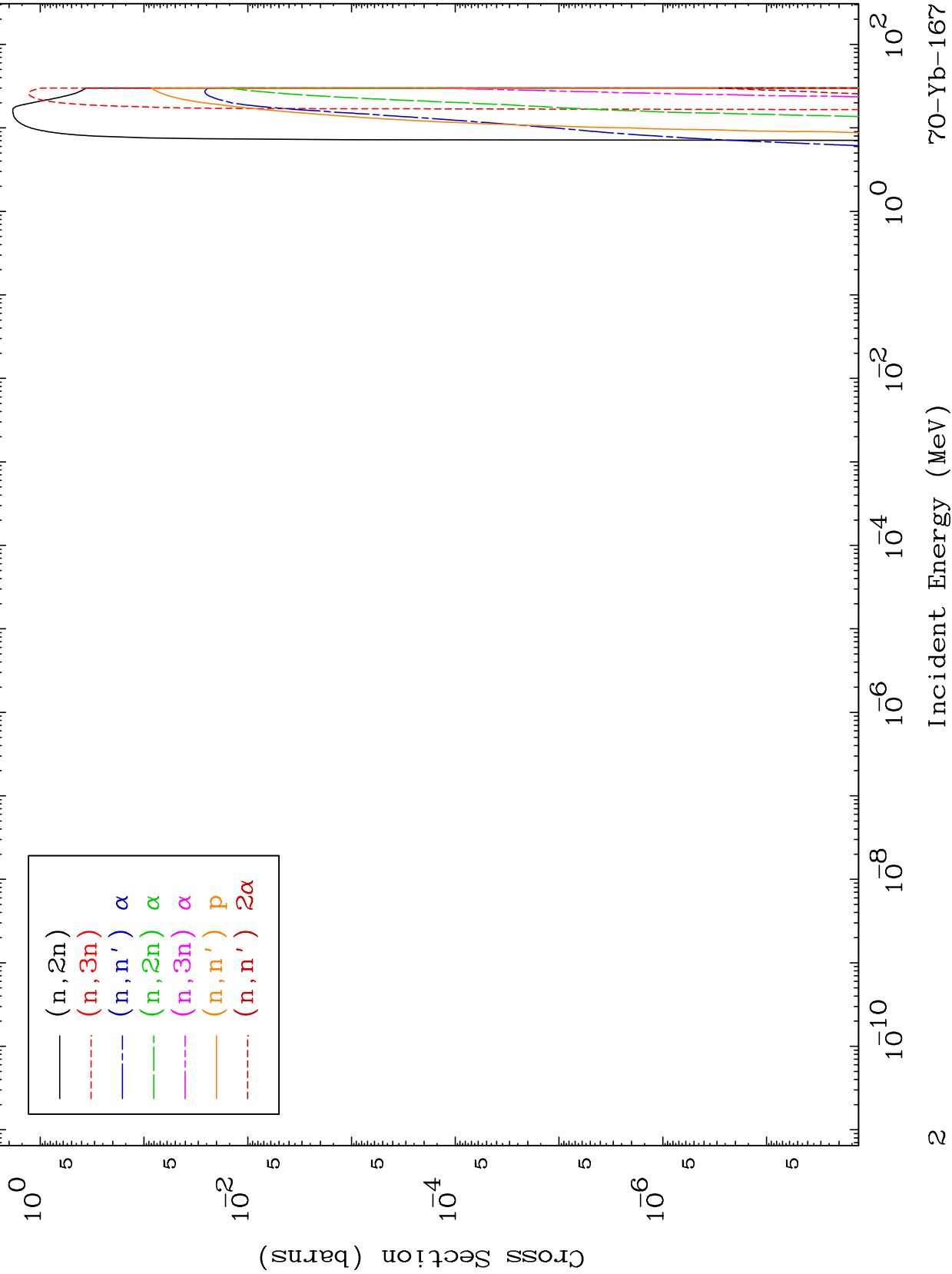
70-Yb-167

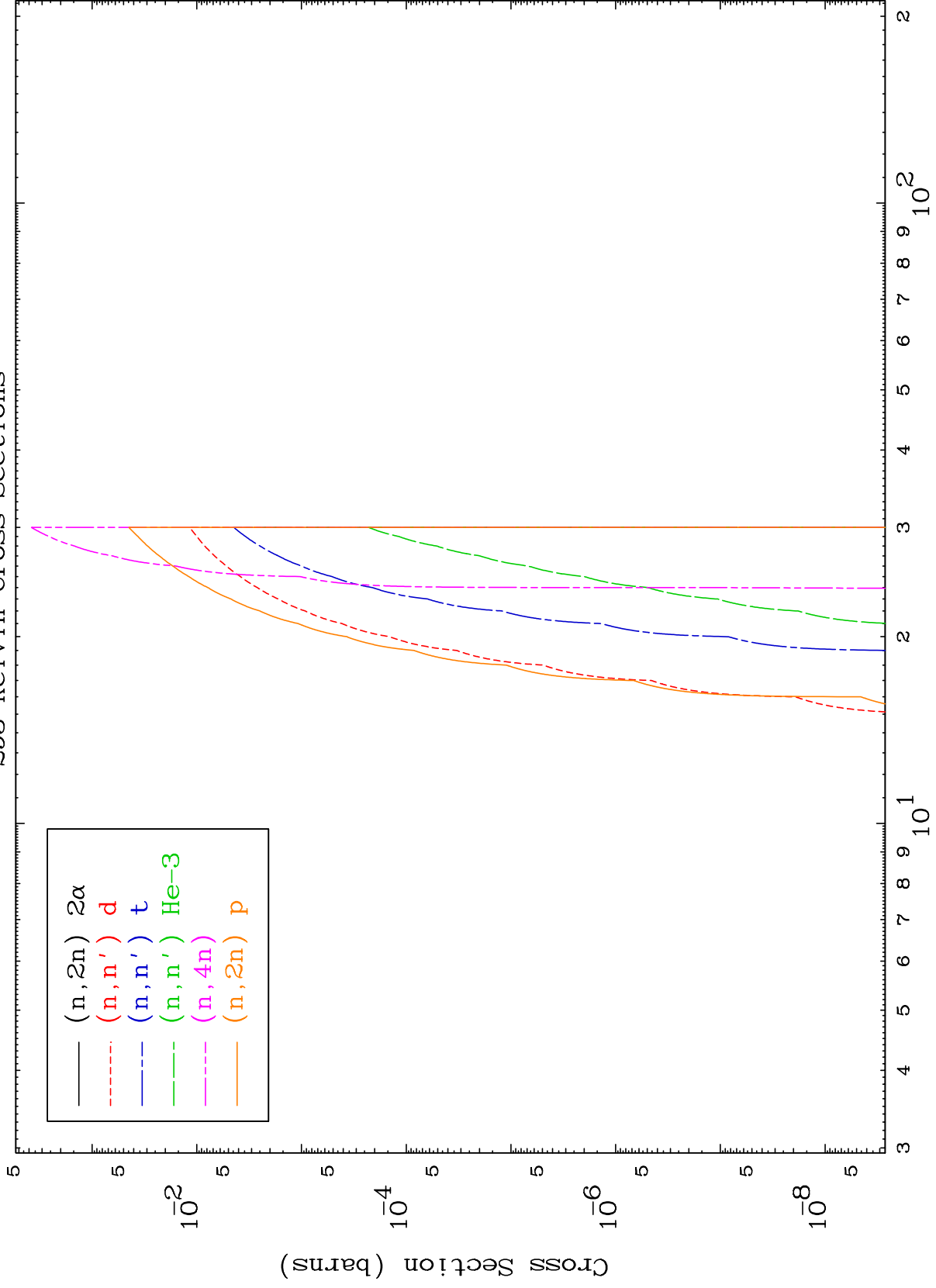


MAT 7022

Neutron Production
293 Kelvin Cross Sections

70-Yb-167

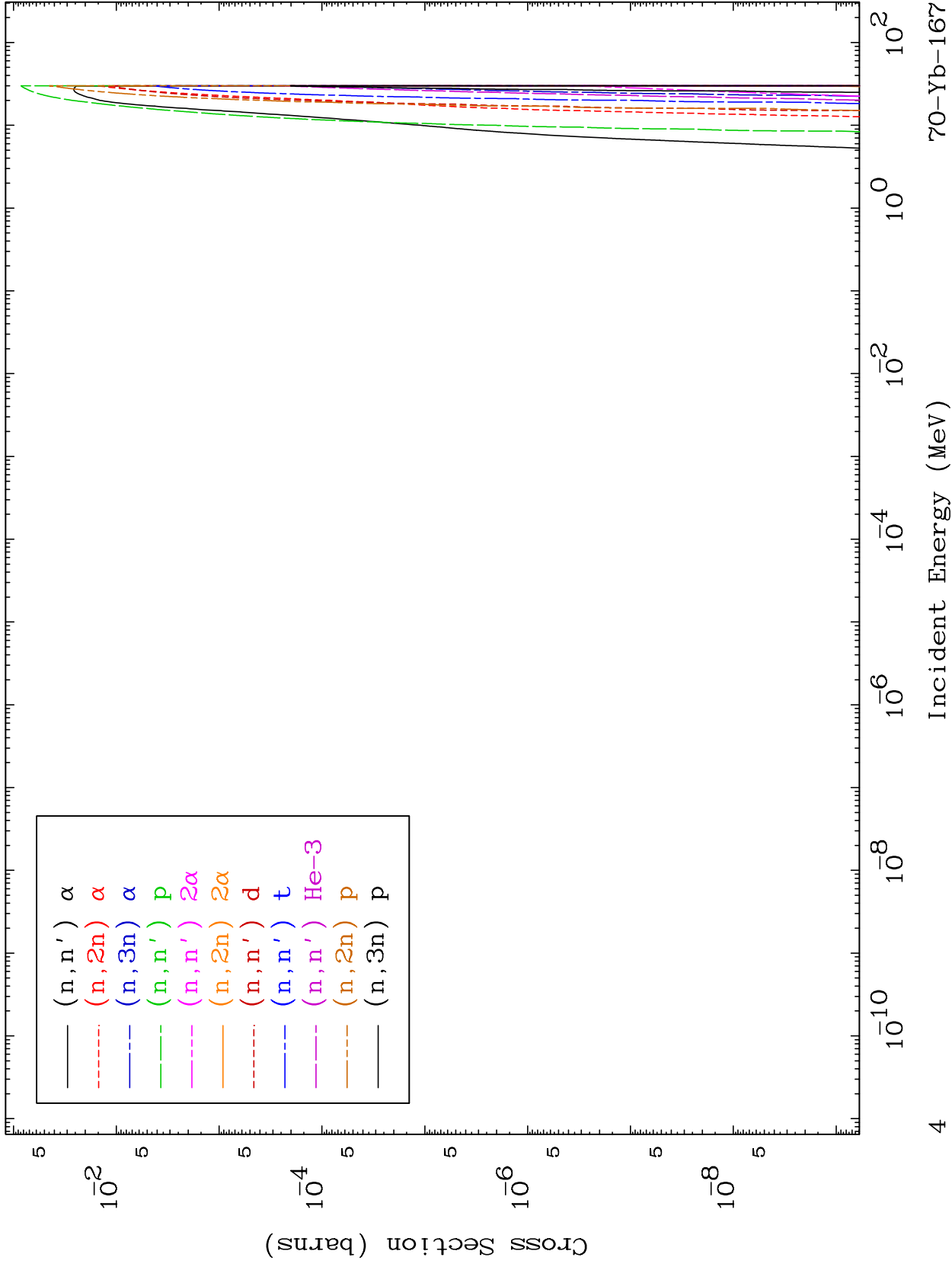




MAT 7022

Charged Particle
293 Kelvin Cross Sections

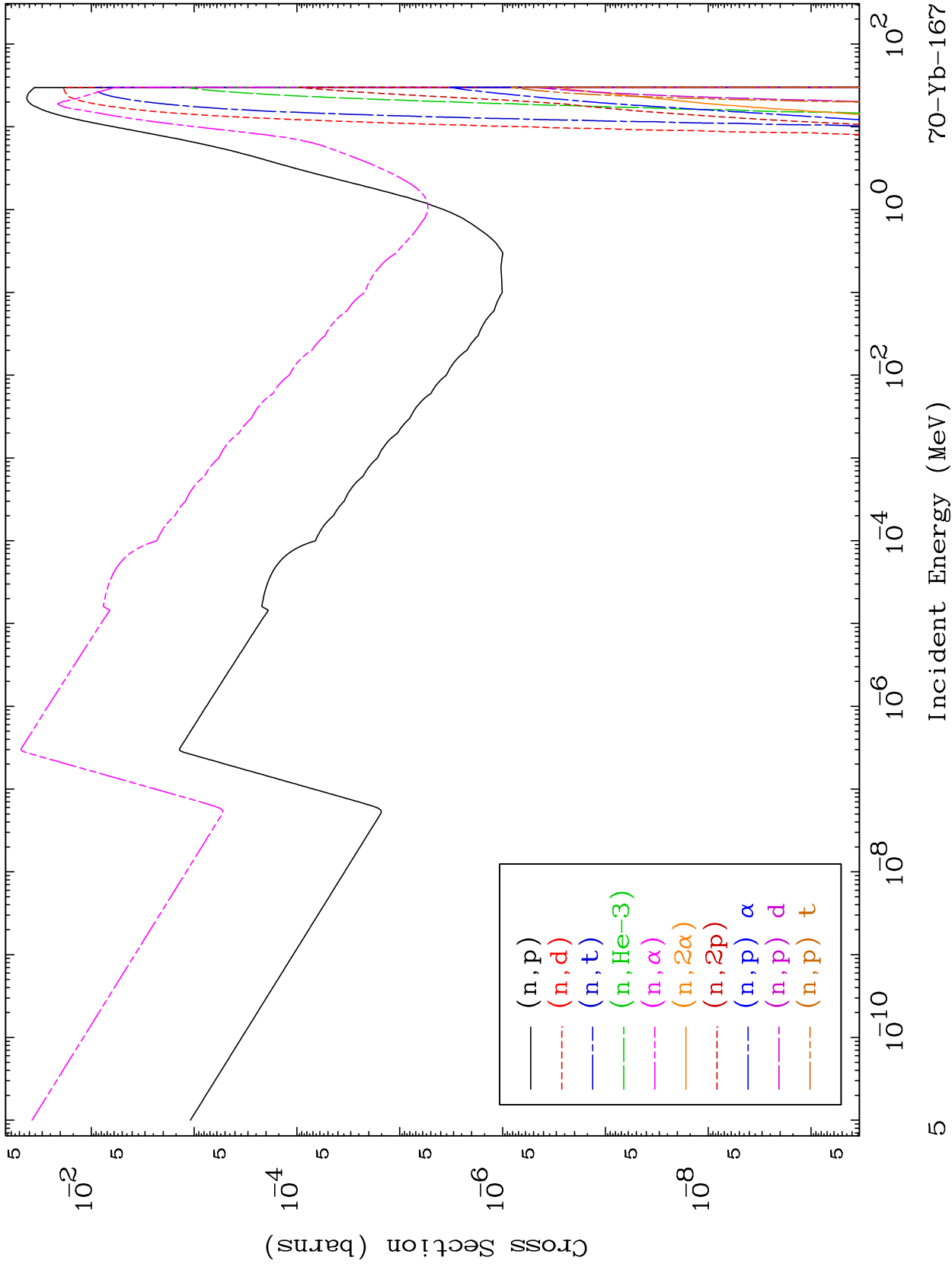
70-Yb-167

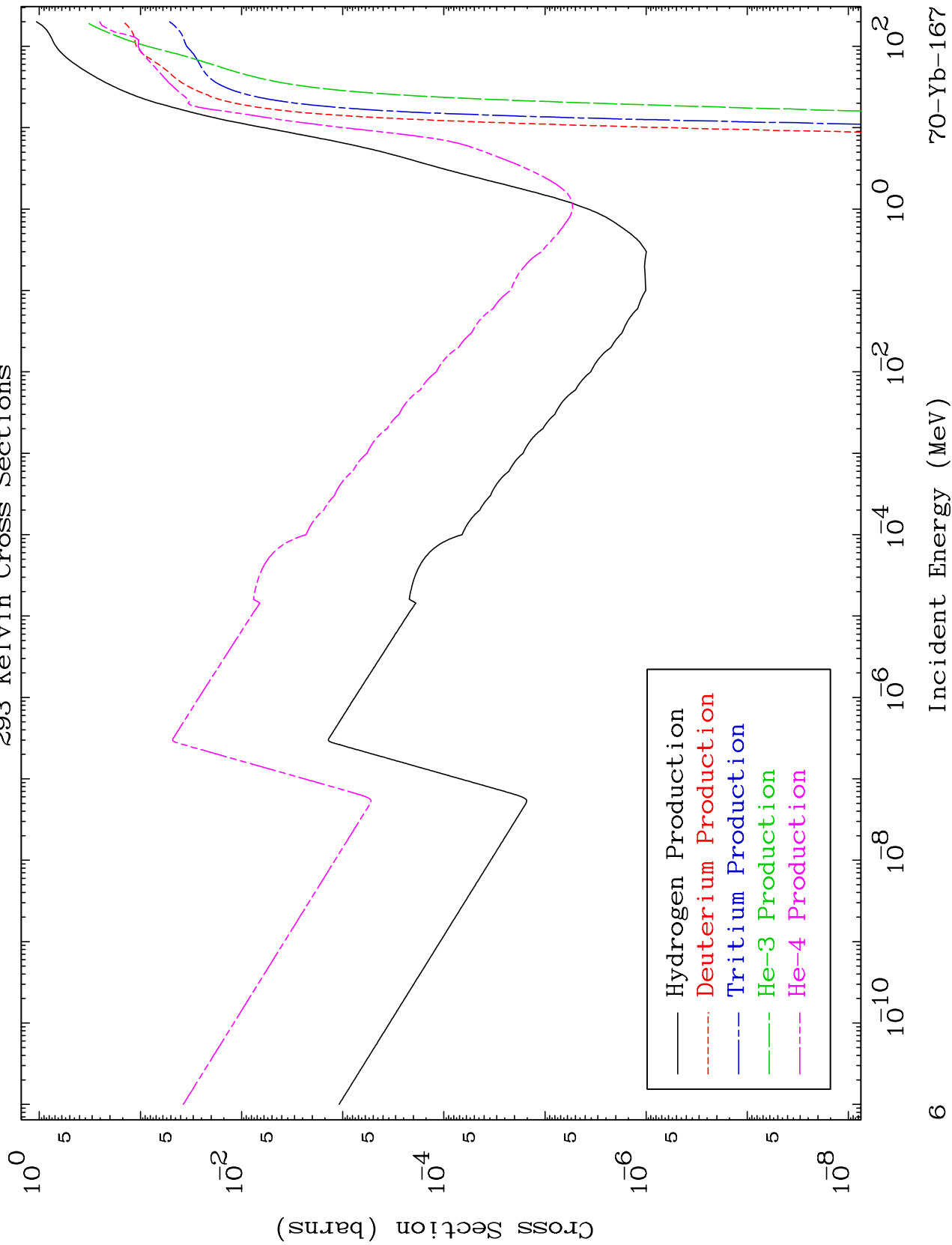


MAT 7022

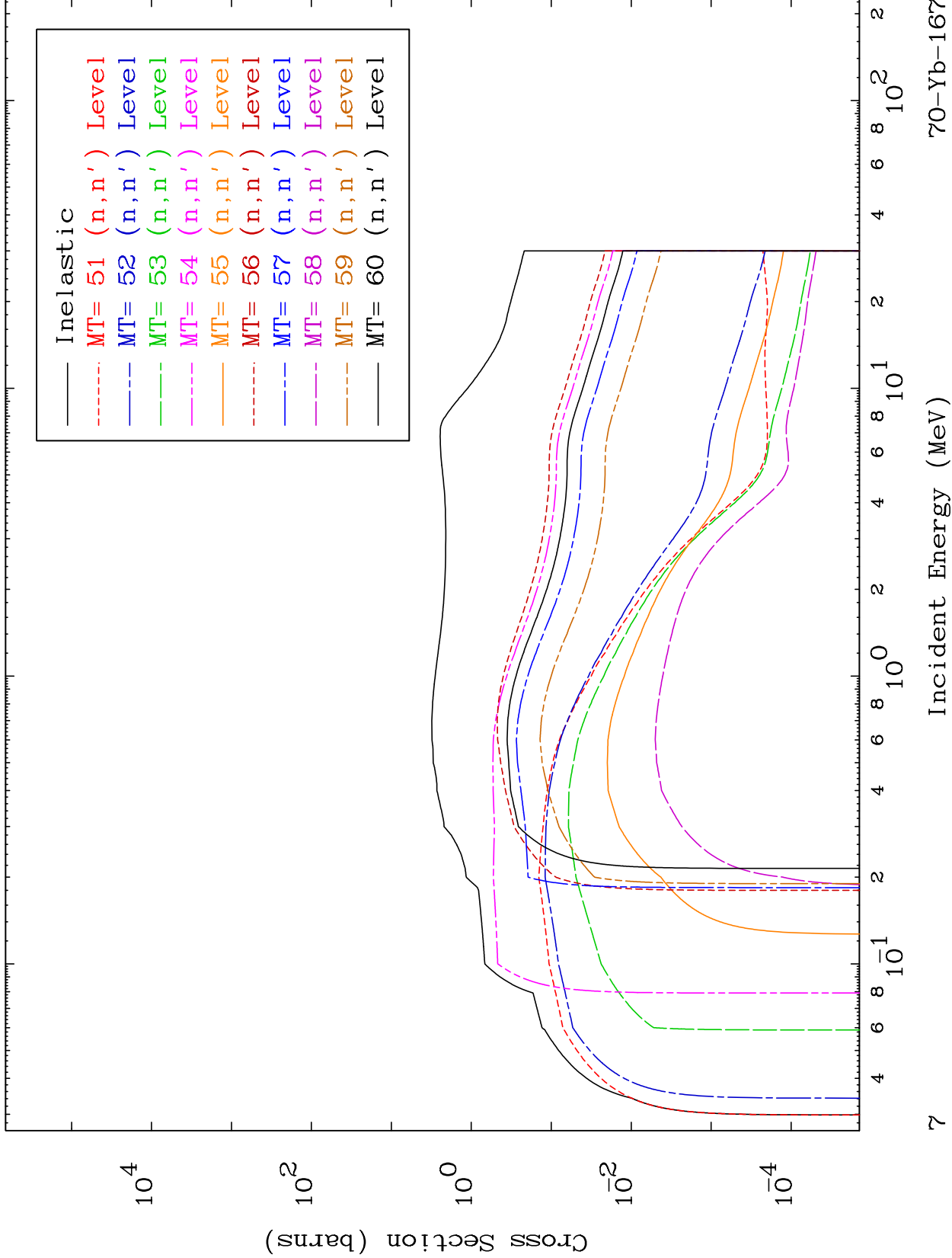
Charged Particle
293 Kelvin Cross Sections

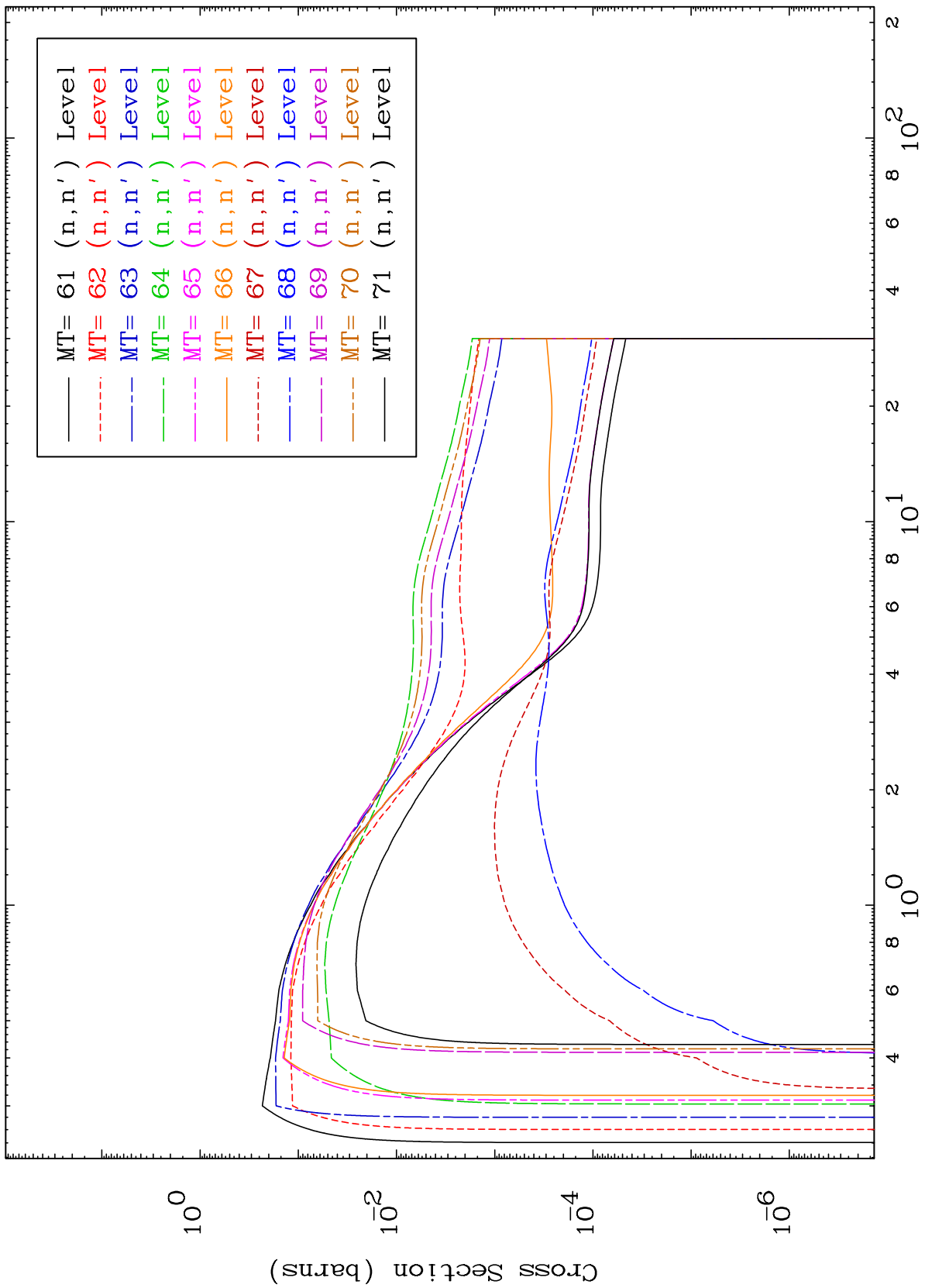
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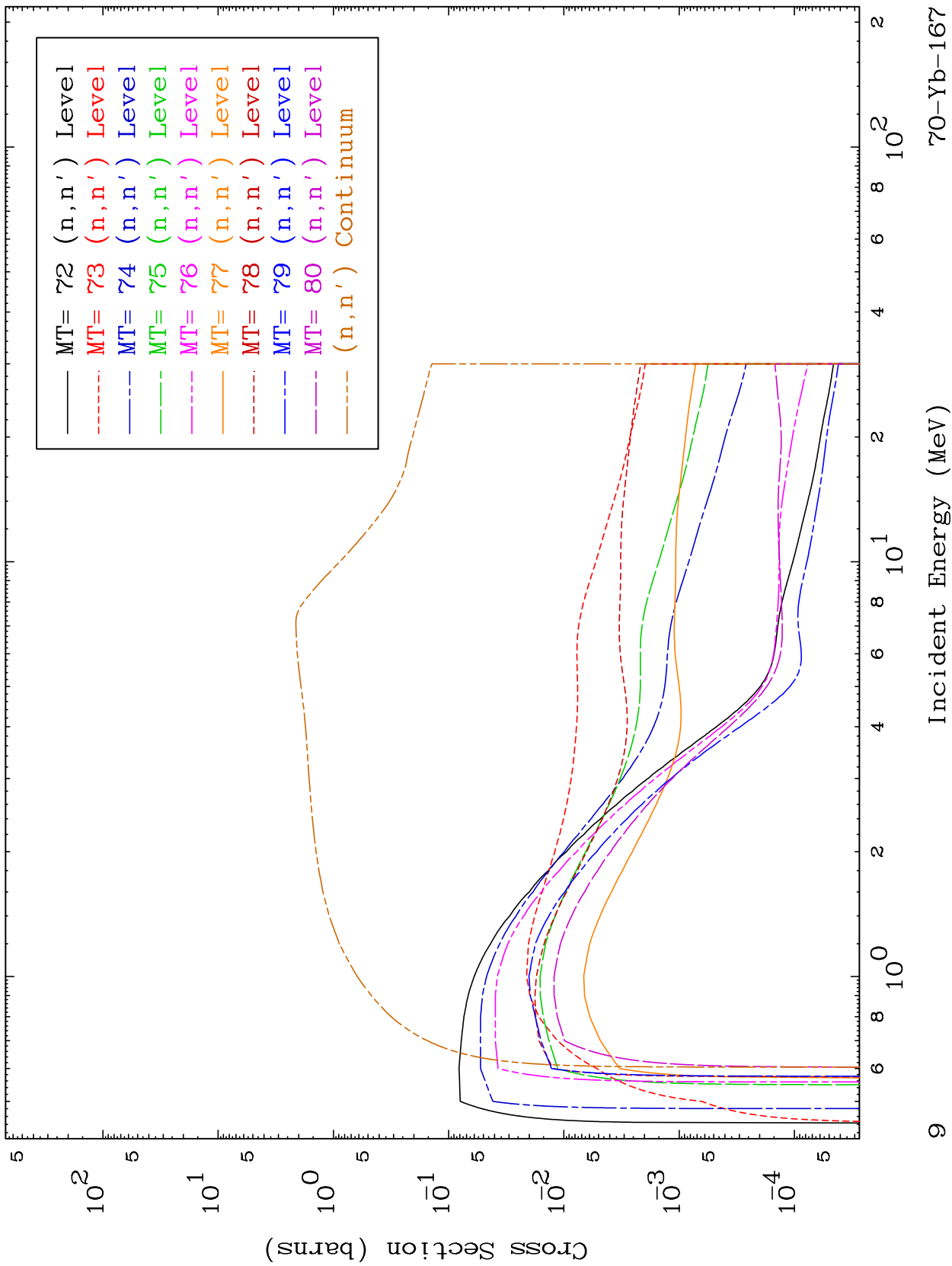


293 Kelvin Cross Sections





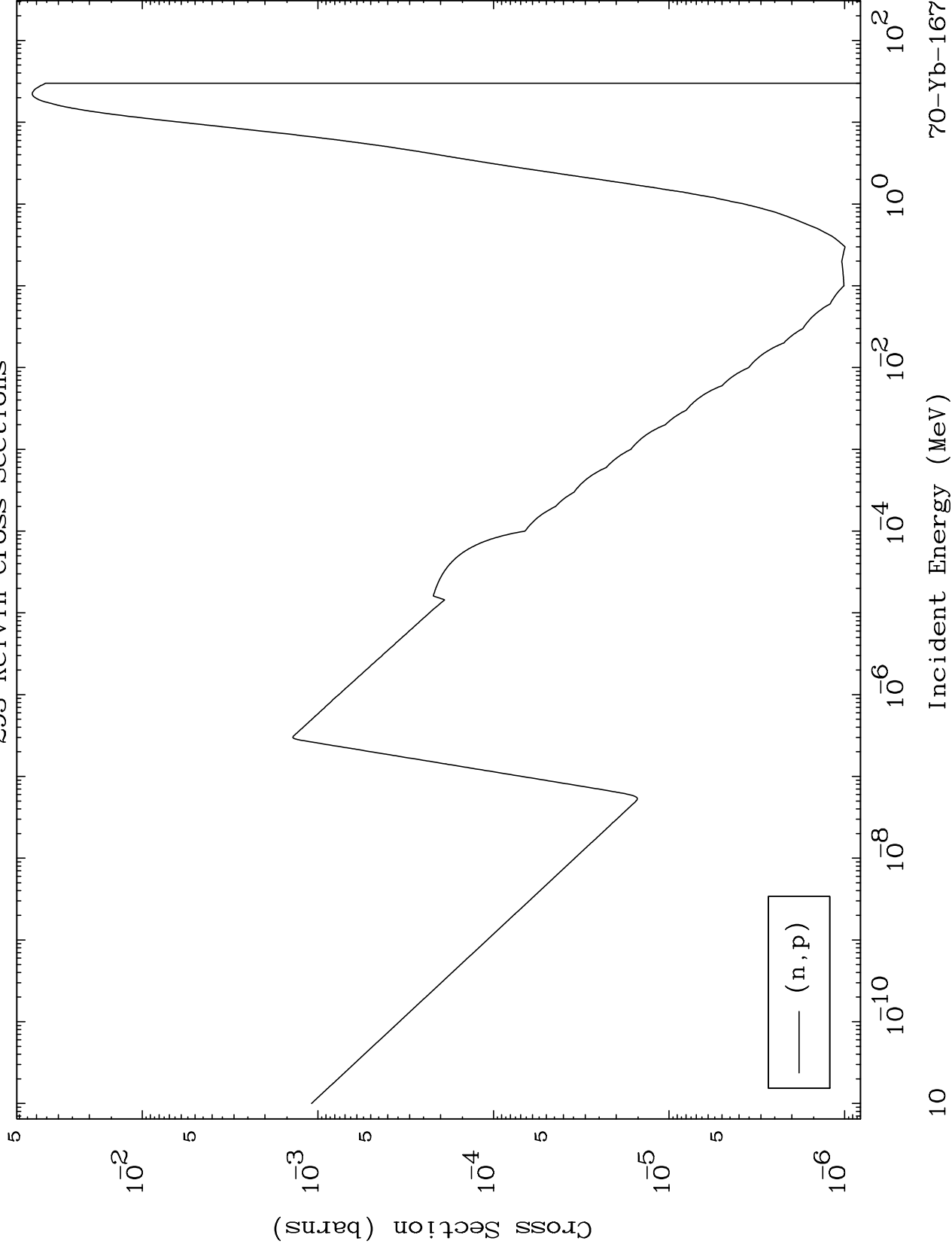
293 Kelvin Cross Sections



MAT 7022

(n,p) Levels
293 Kelvin Cross Sections

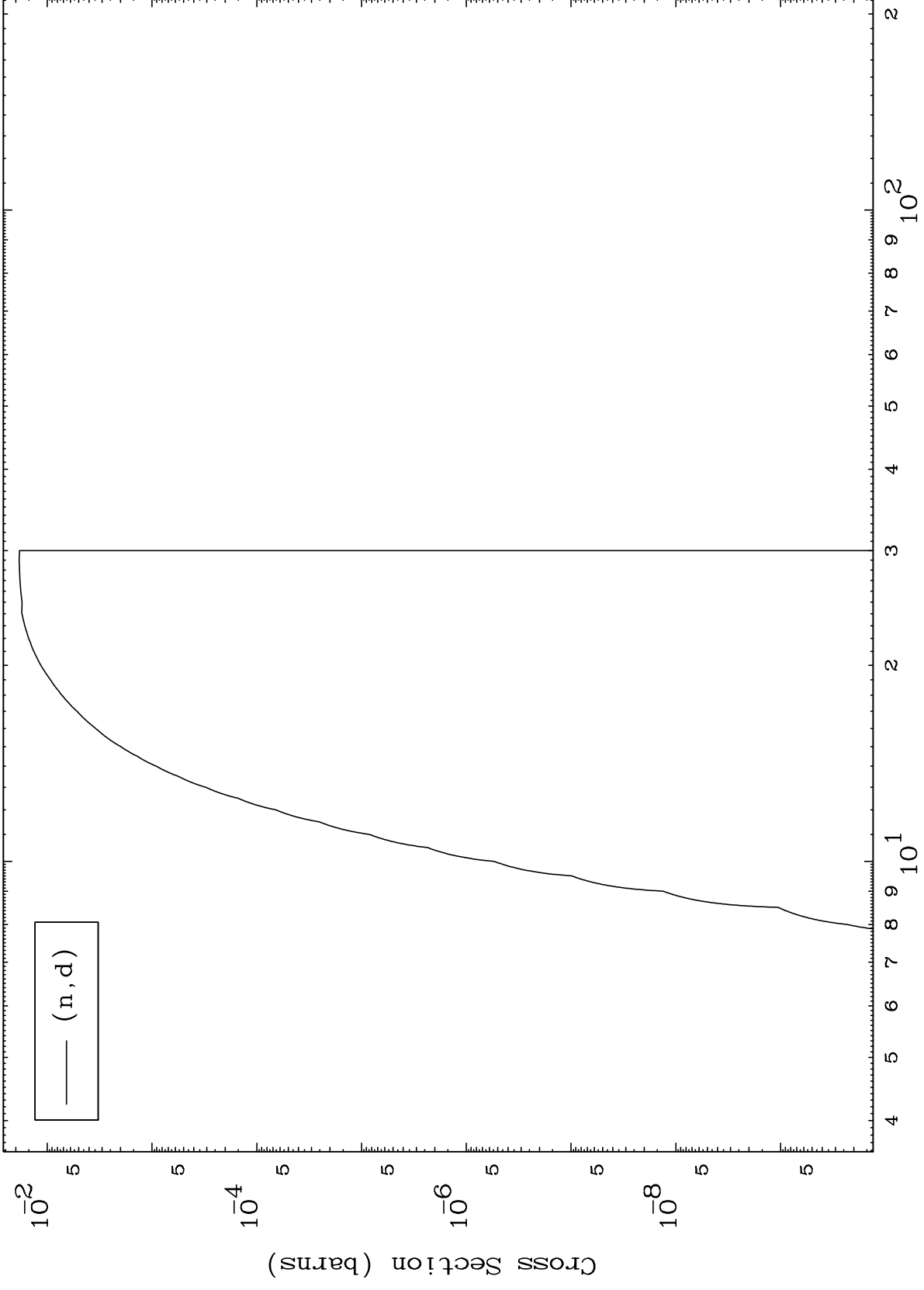
70-Yb-167



MAT 7022

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-167



11

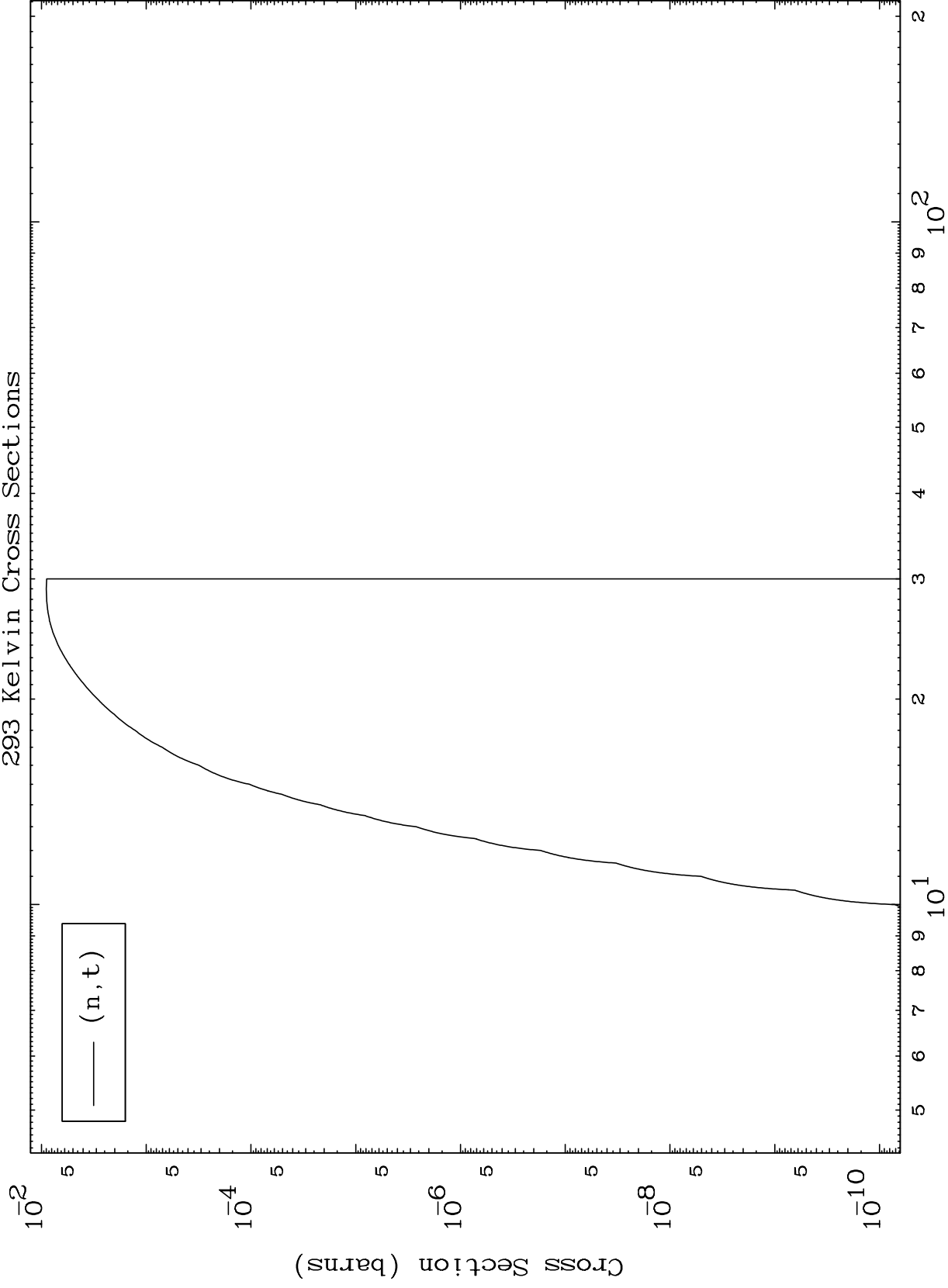
Incident Energy (MeV)

70-Yb-167

MAT 7022

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-167



12

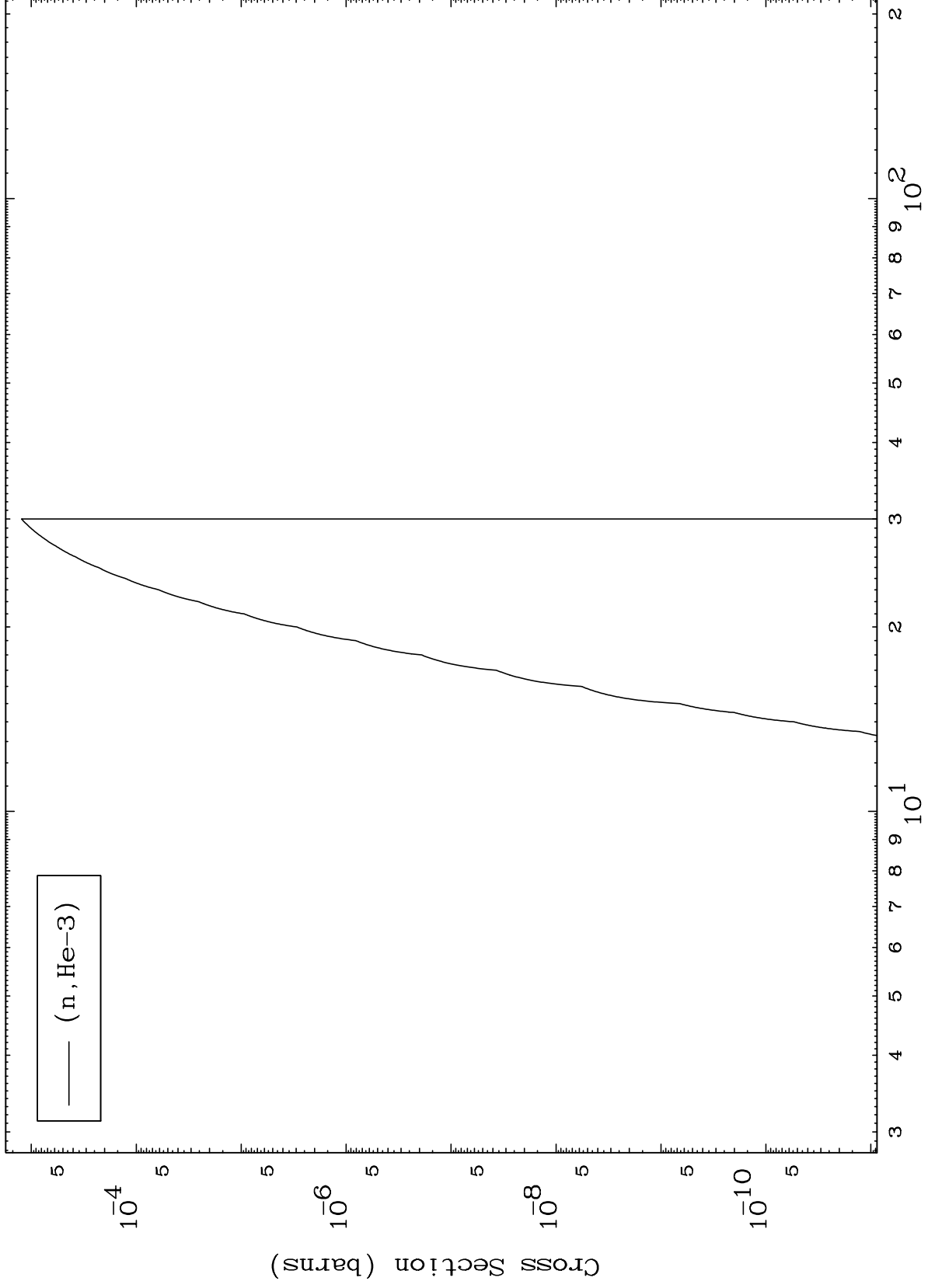
Incident Energy (MeV)

70-Yb-167

MAT 7022

(n,He3) Levels
293 Kelvin Cross Sections

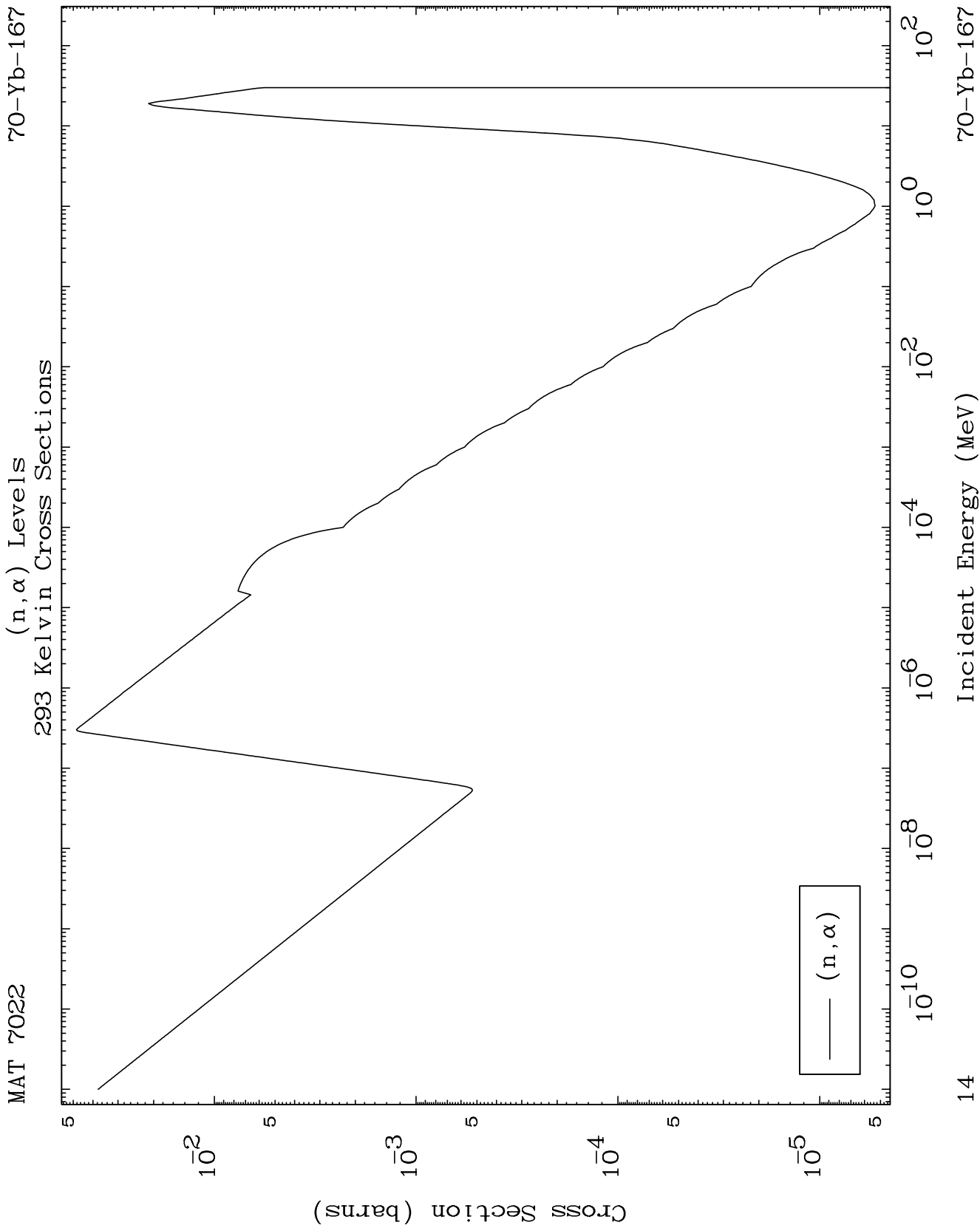
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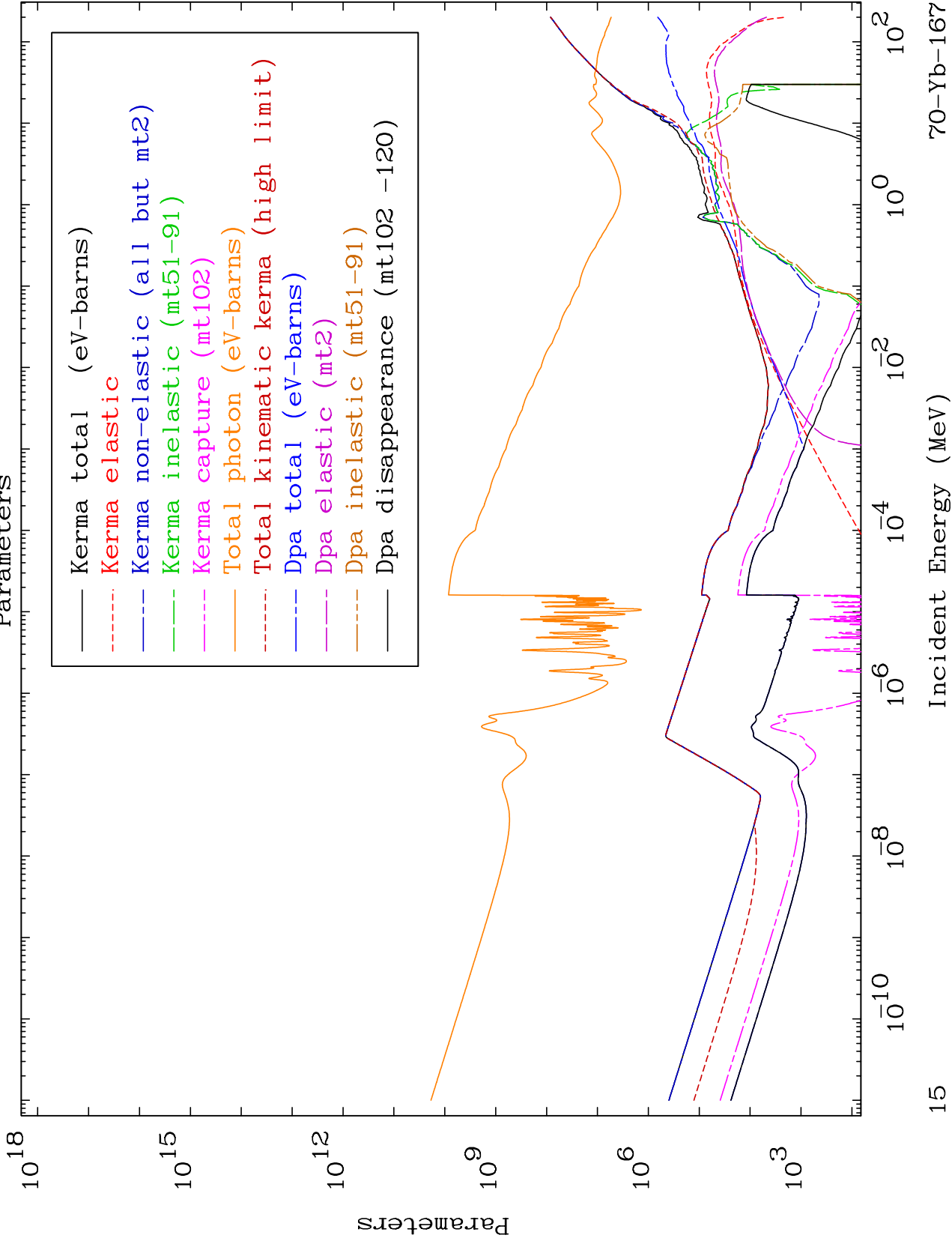


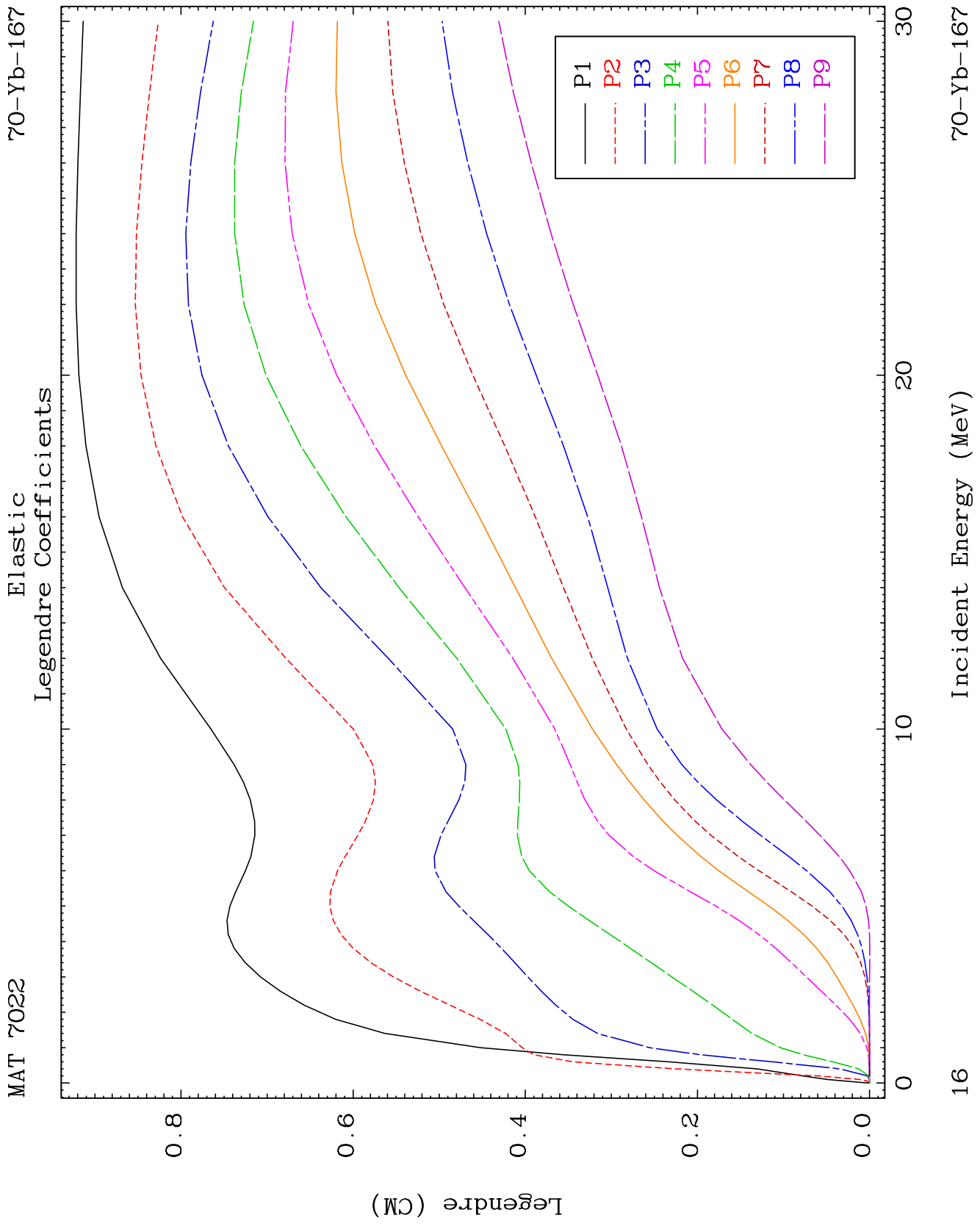
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Incident Energy (MeV)

70-Yb-167



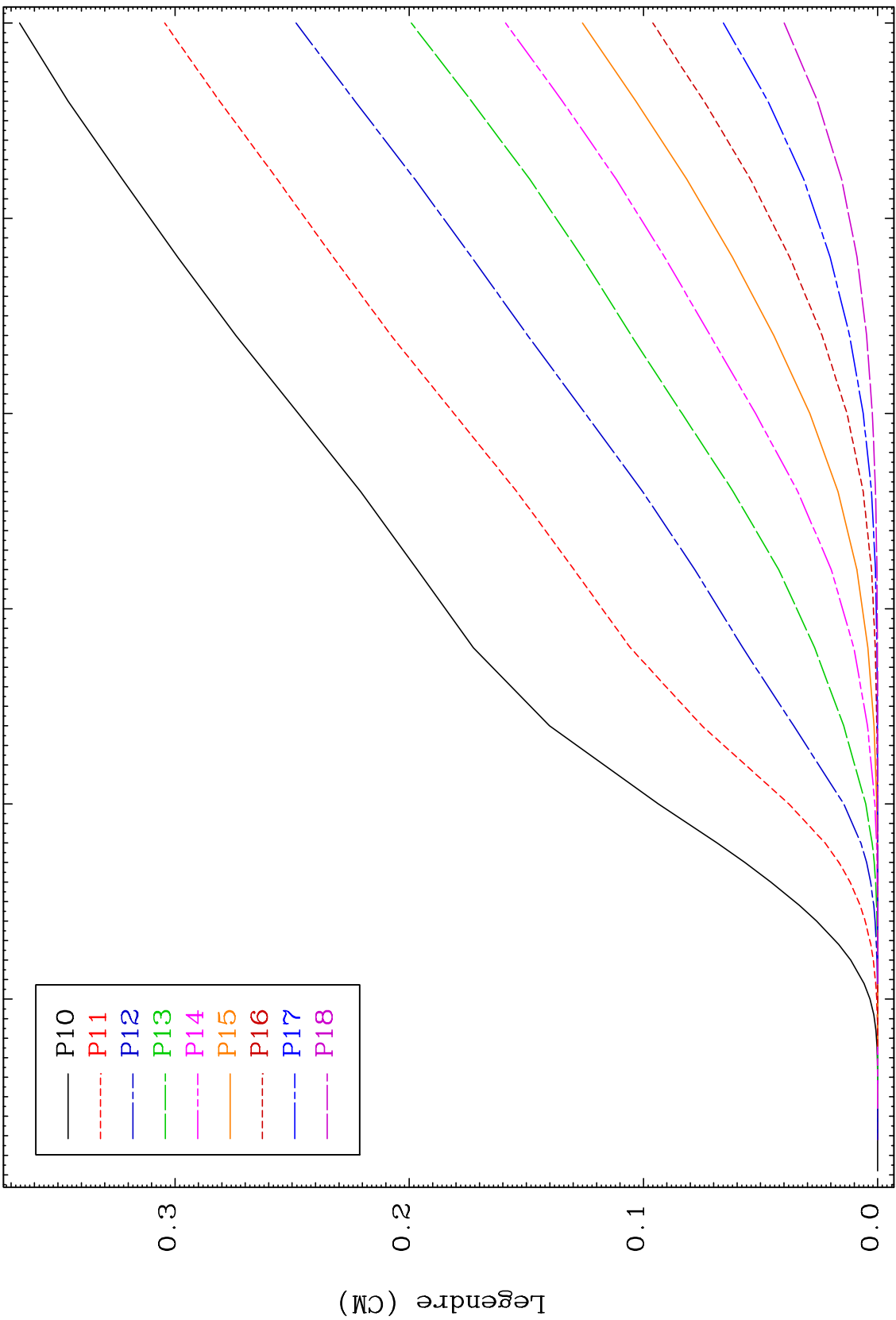




MAT 7022

Elastic Legendre Coefficients

70-Yb-167



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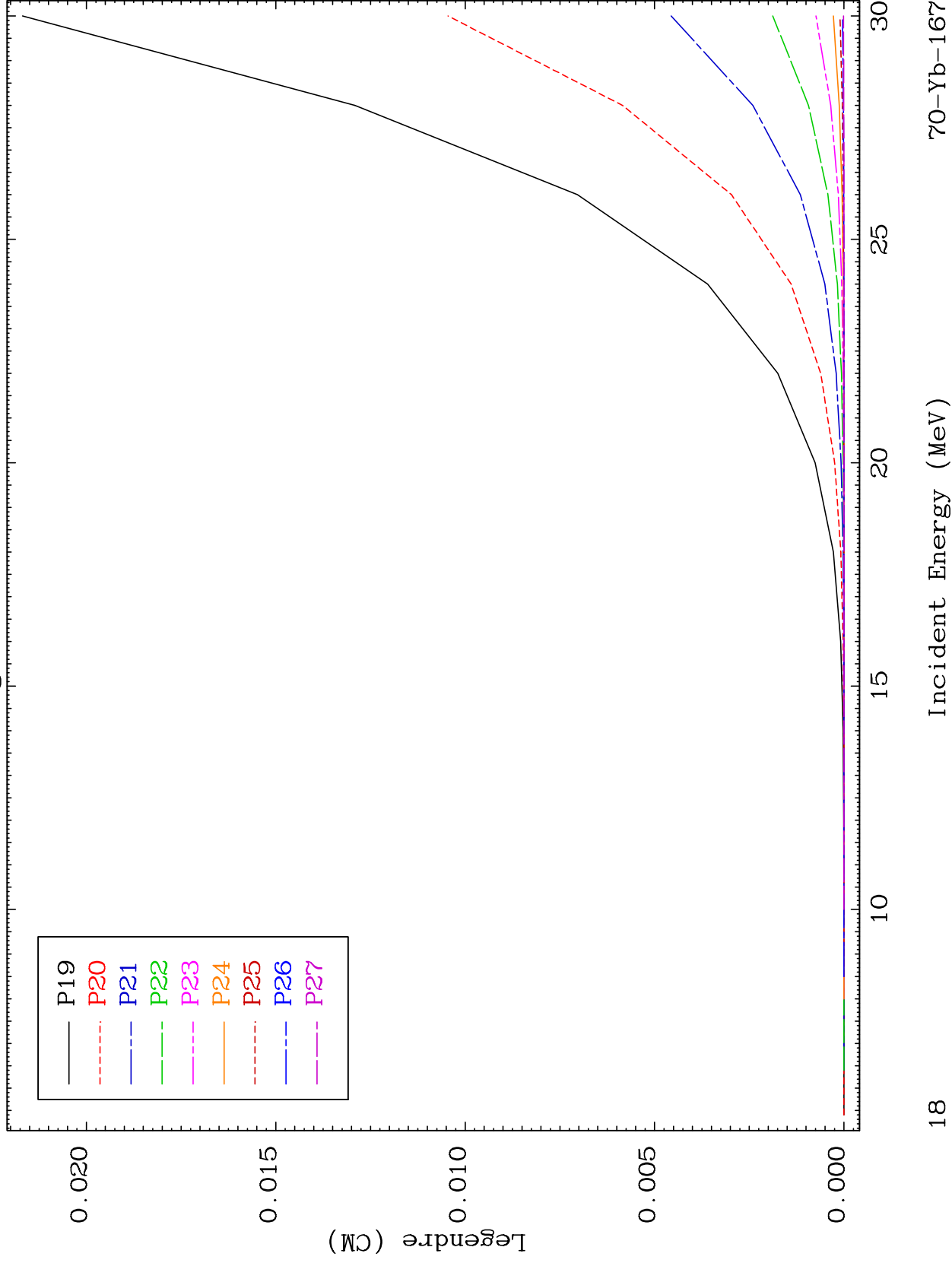
70-Yb-167

Incident Energy (MeV)

MAT 7022

Elastic Legendre Coefficients

70-Yb-167



18

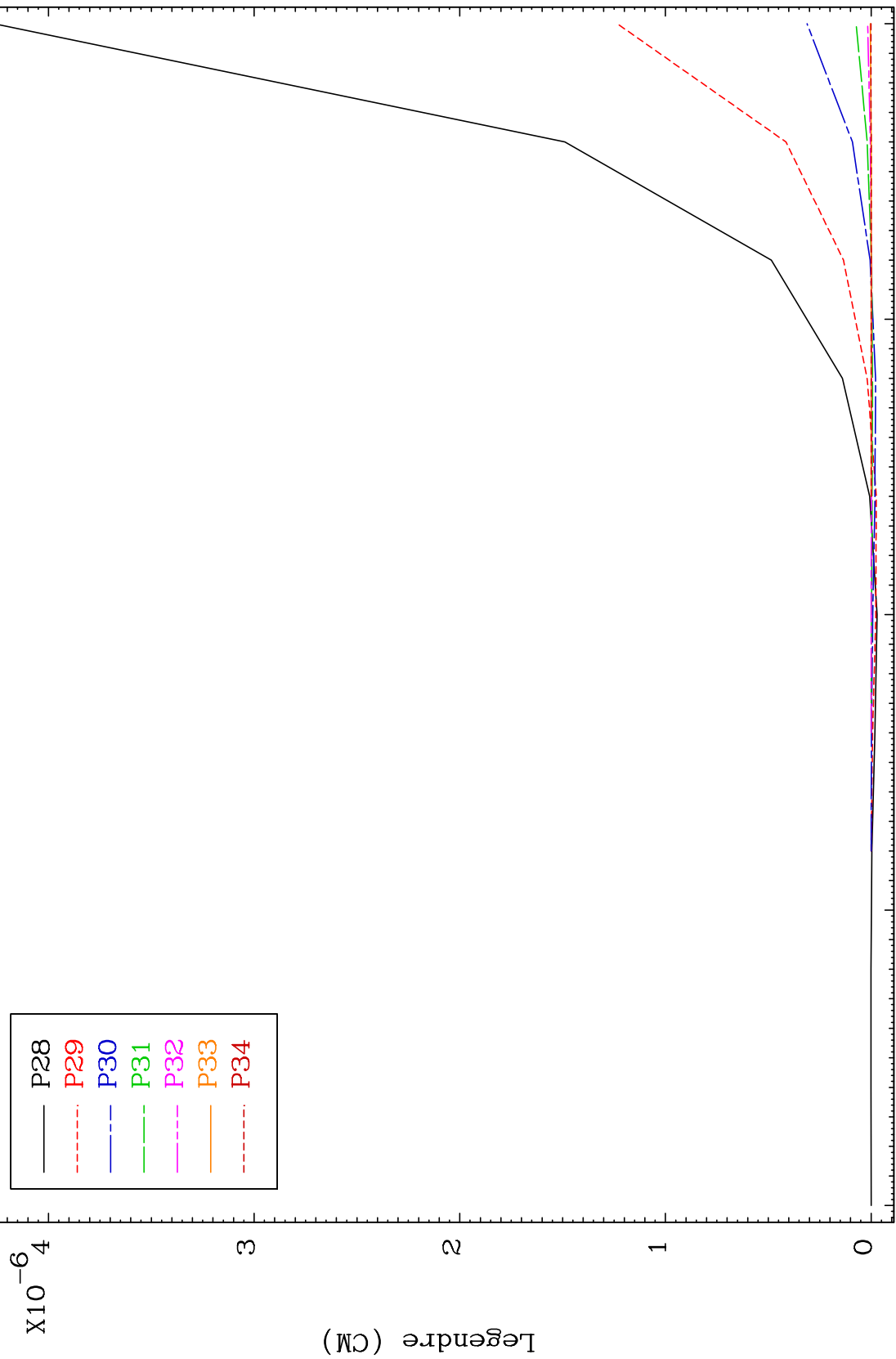
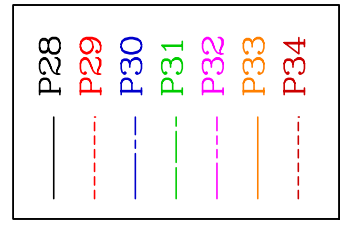
Incident Energy (MeV)

70-Yb-167

MAT 7022

Elastic
Legendre Coefficients

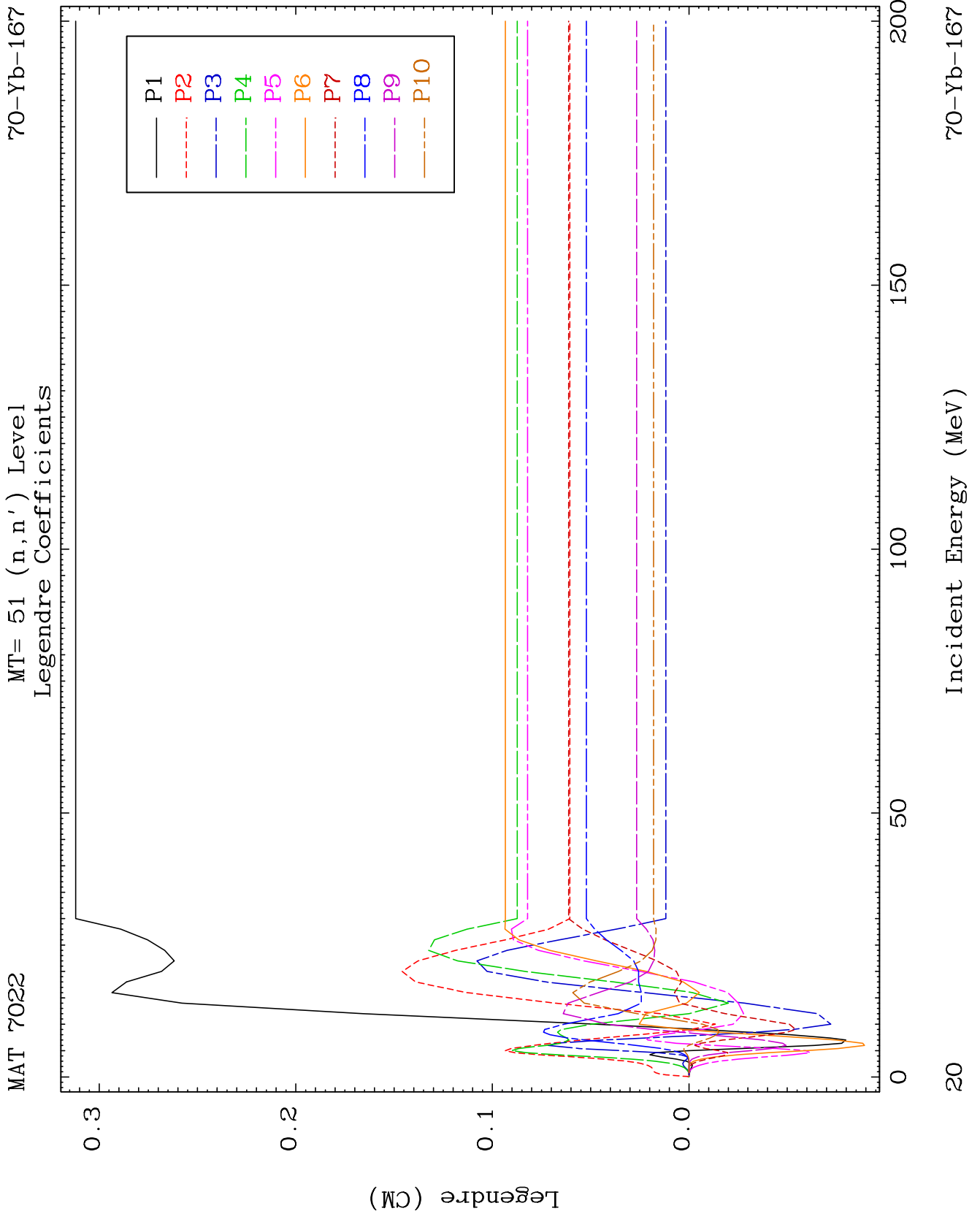
70-Yb-167



70-Yb-167

Incident Energy (MeV)

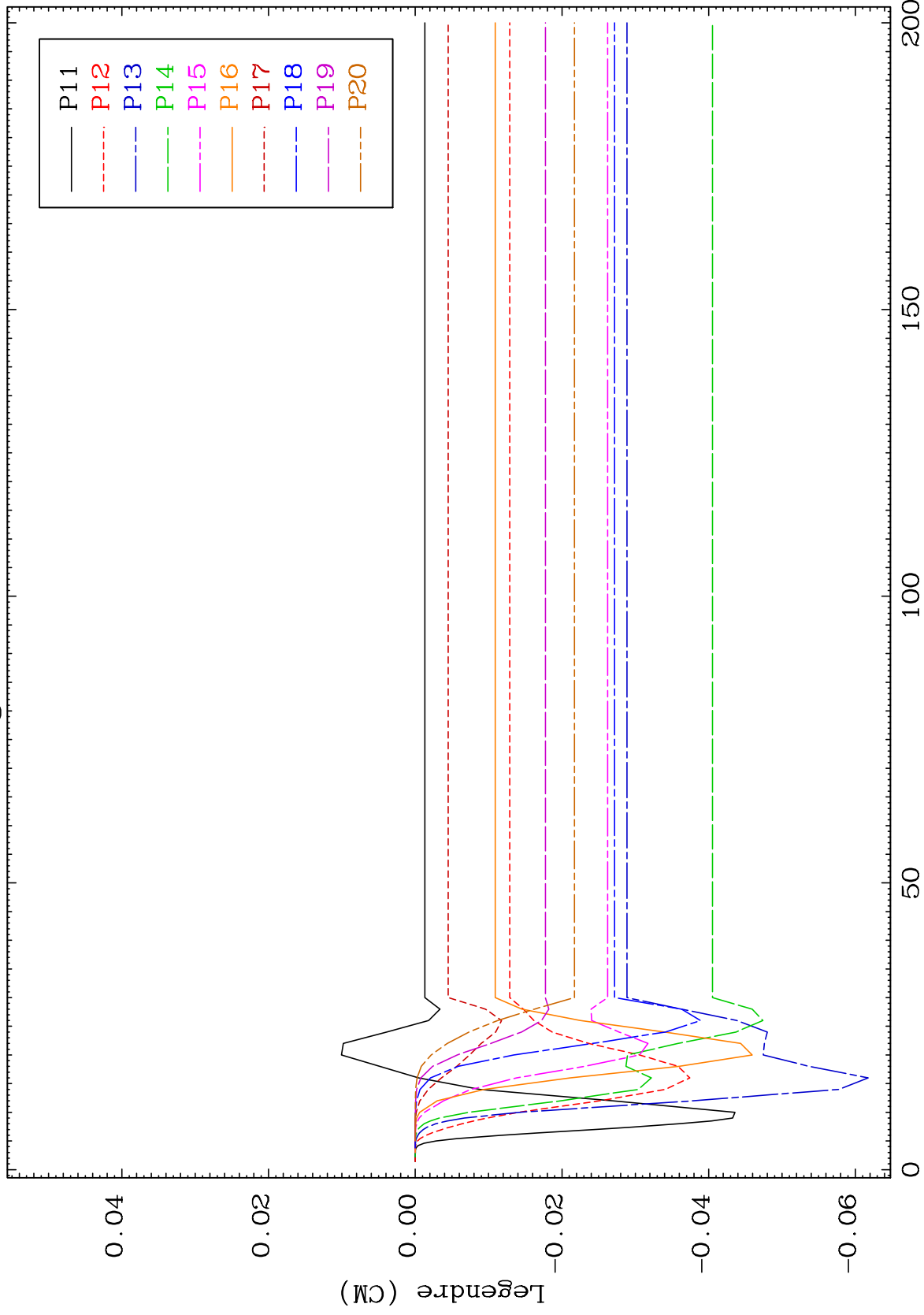
19



MAT 7022

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

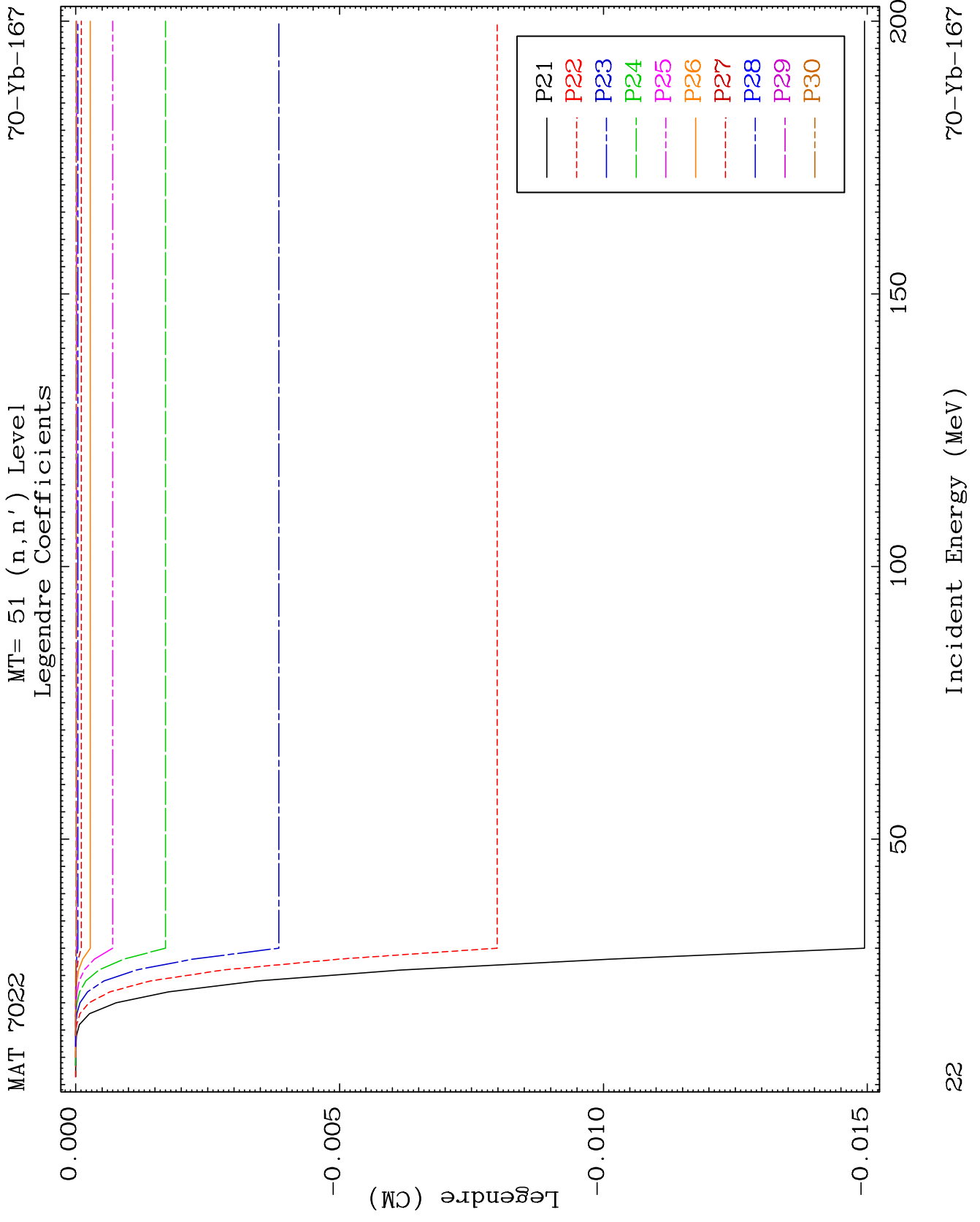
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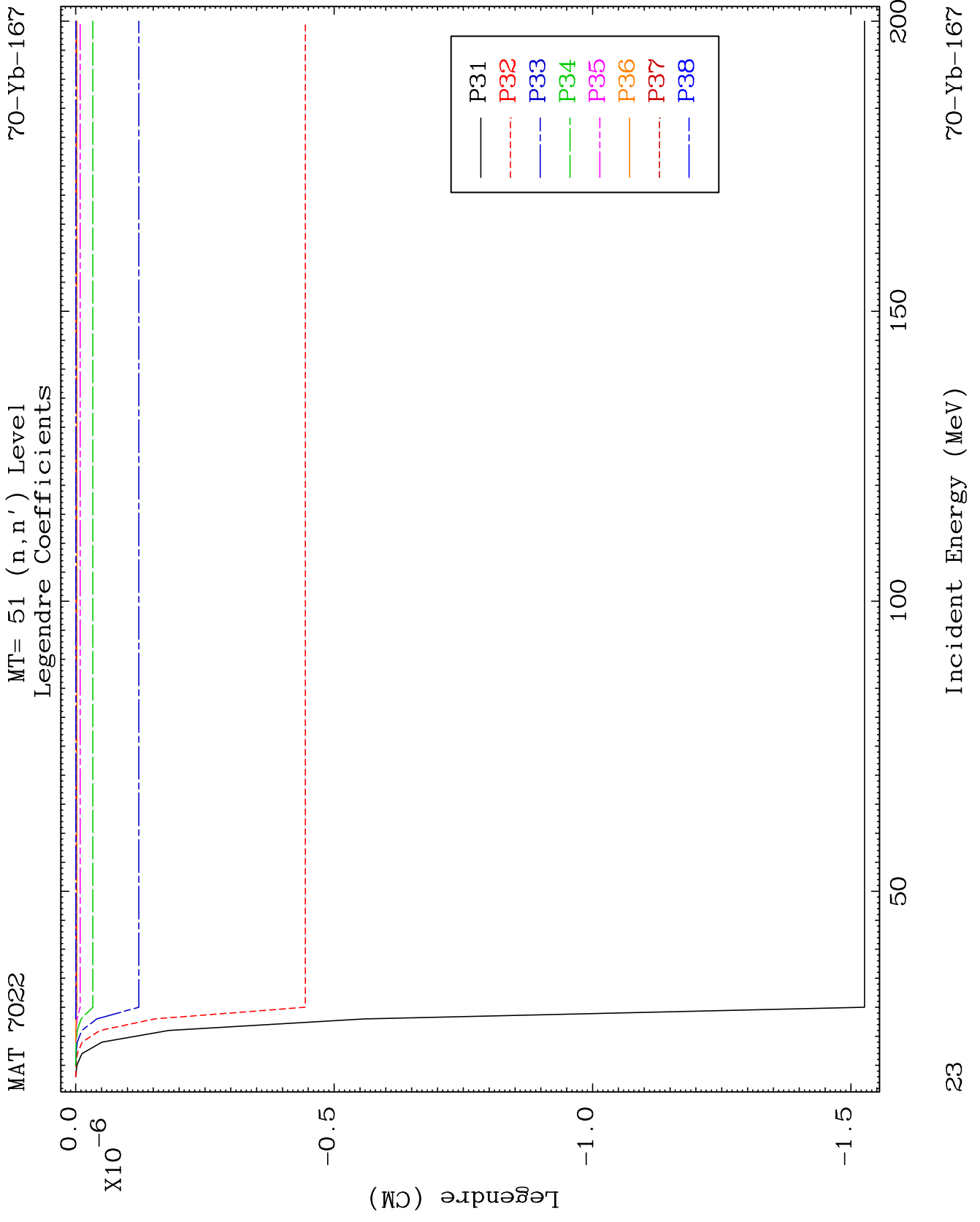


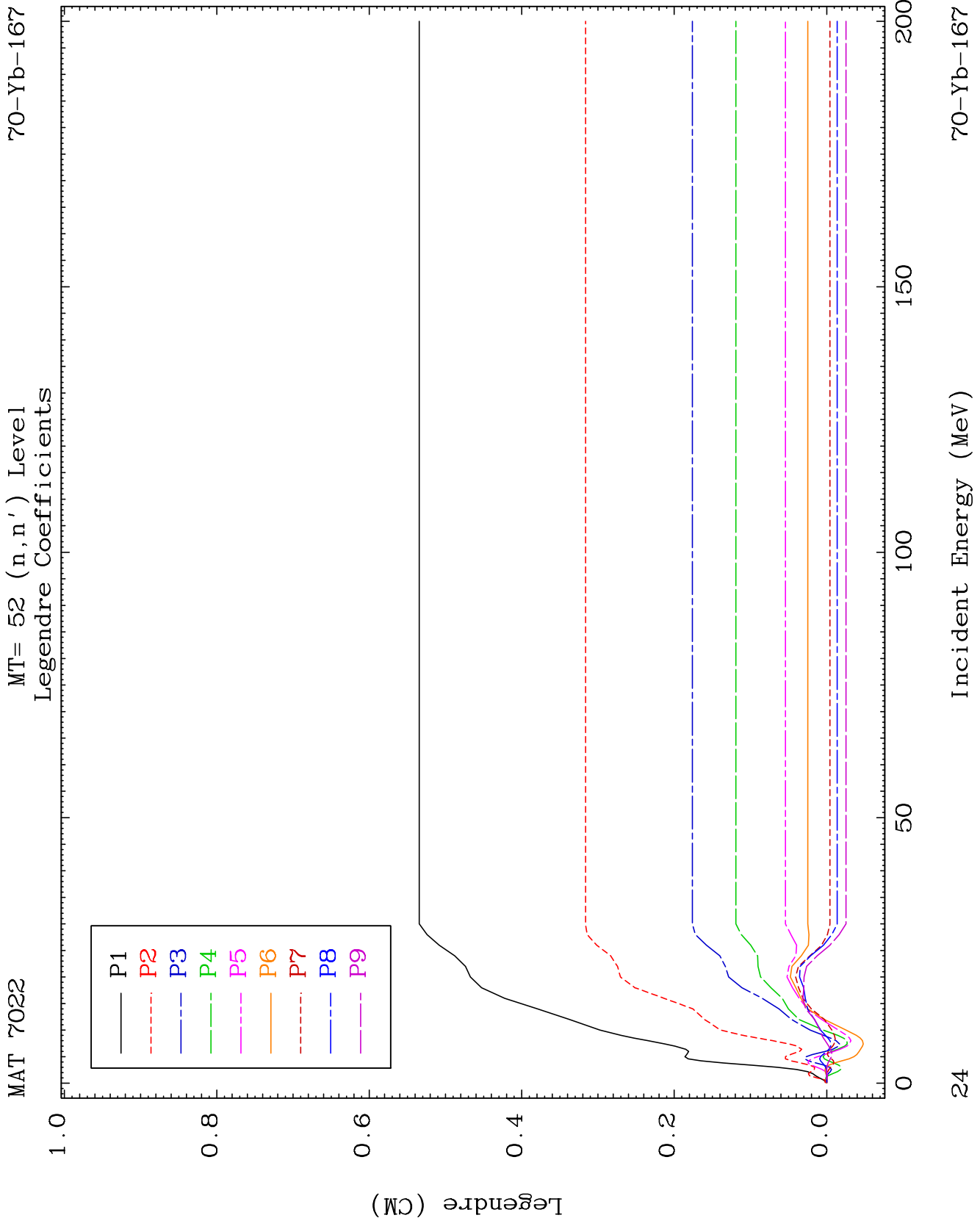
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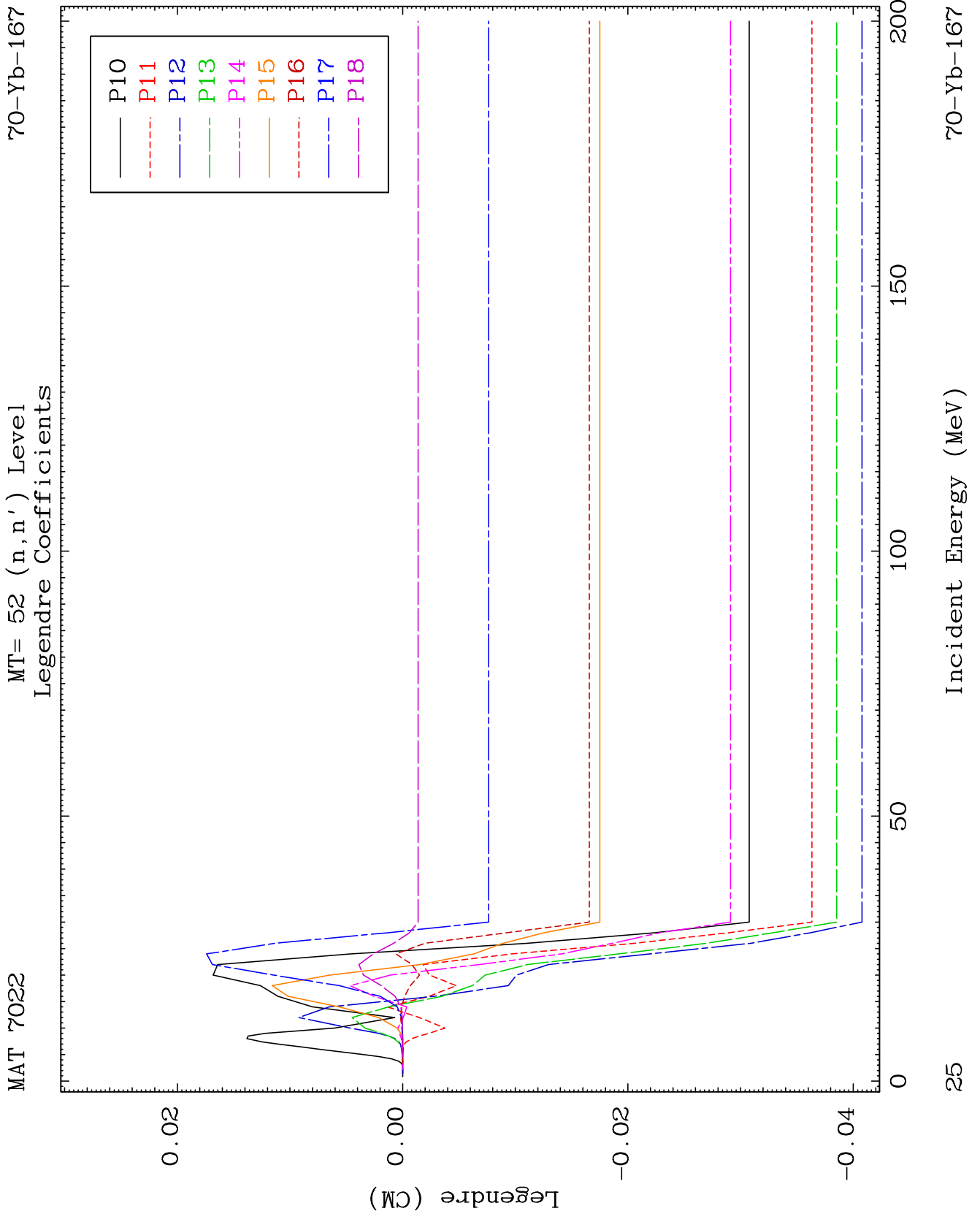
Incident Energy (MeV)

70-Yb-167





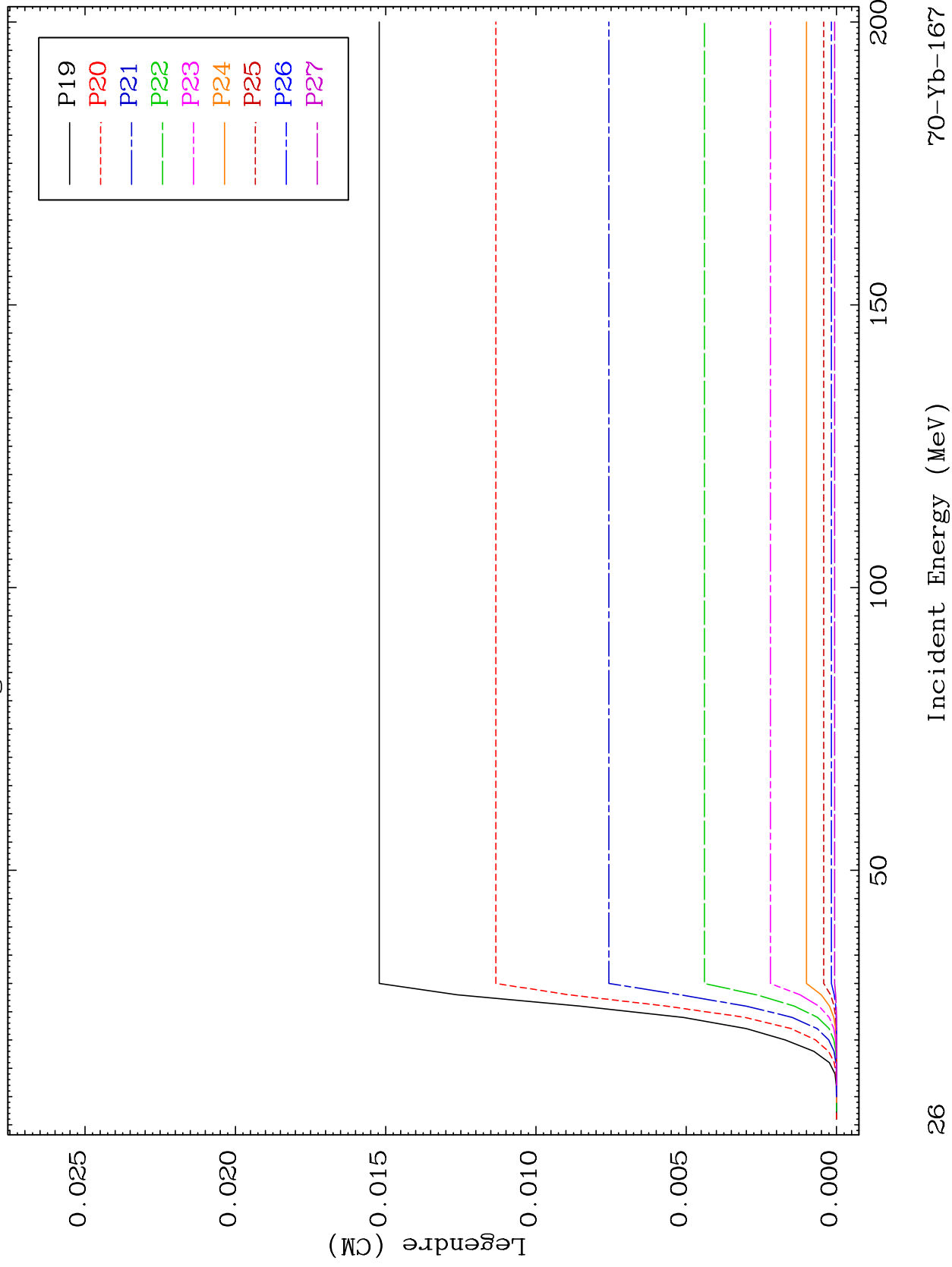




MAT 7022

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

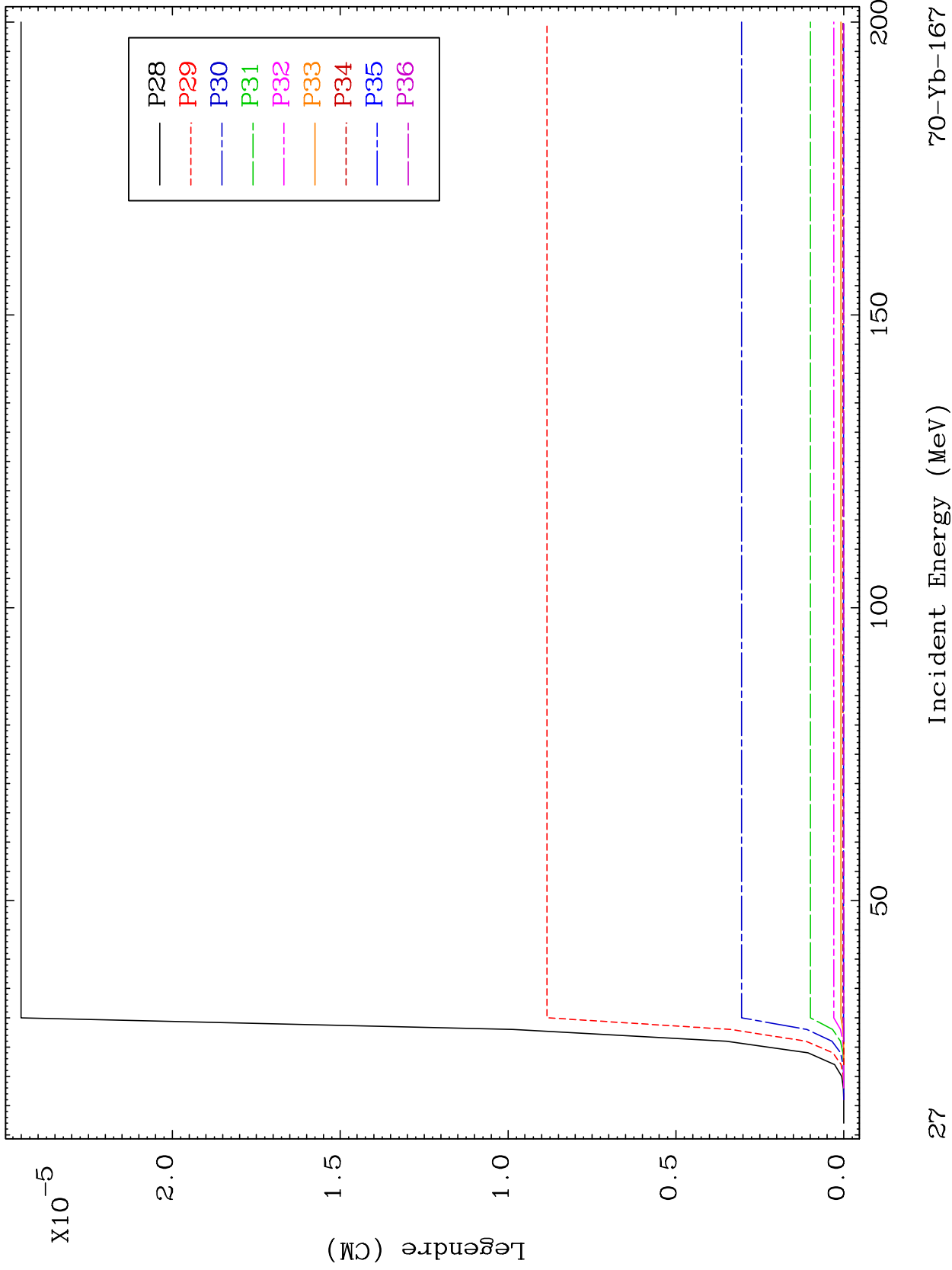
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Incident Energy (MeV)

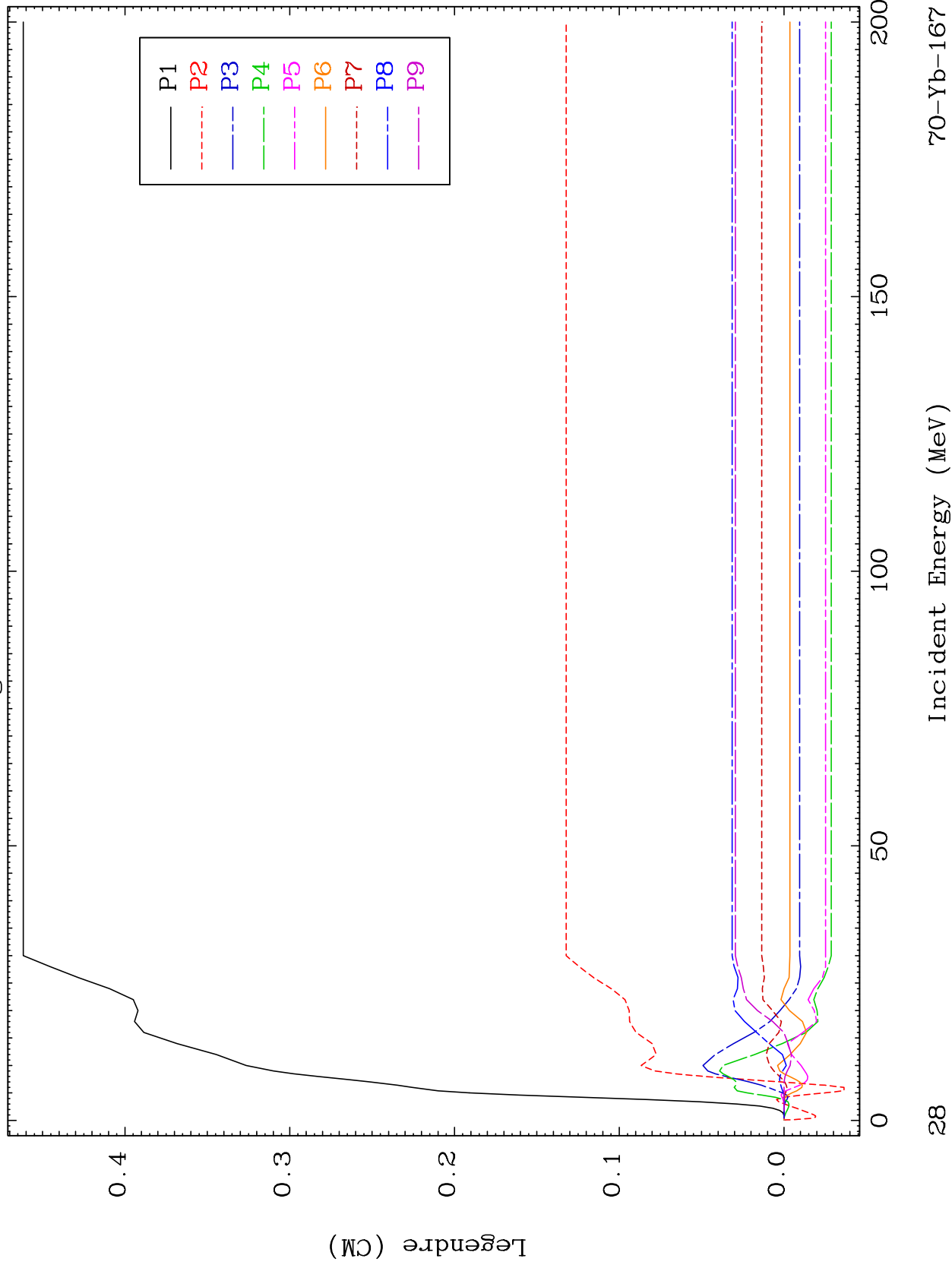
70-Yb-167



MAT 7022

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

70-Yb-167



70-Yb-167

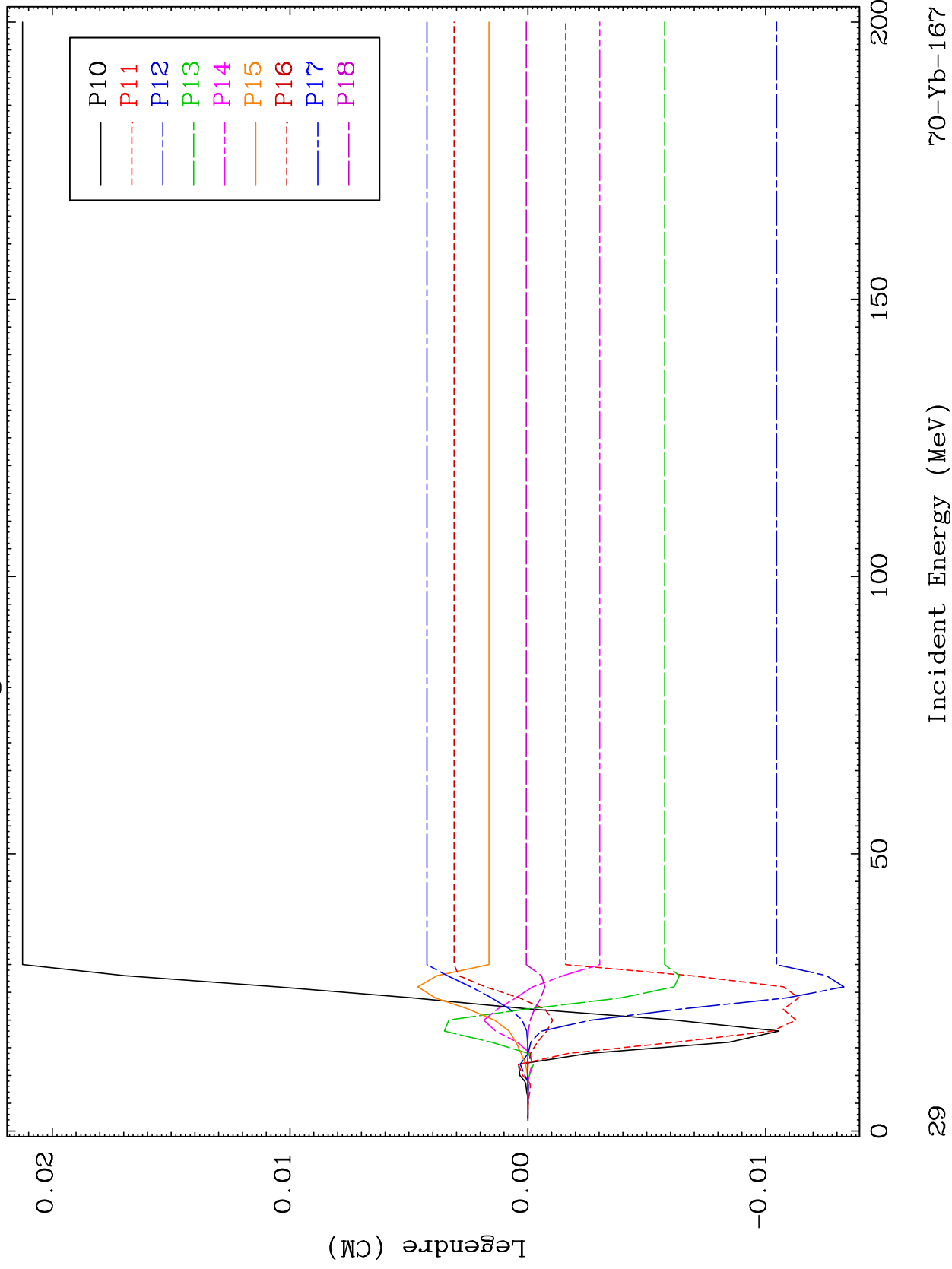
Incident Energy (MeV)

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MAT 7022

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

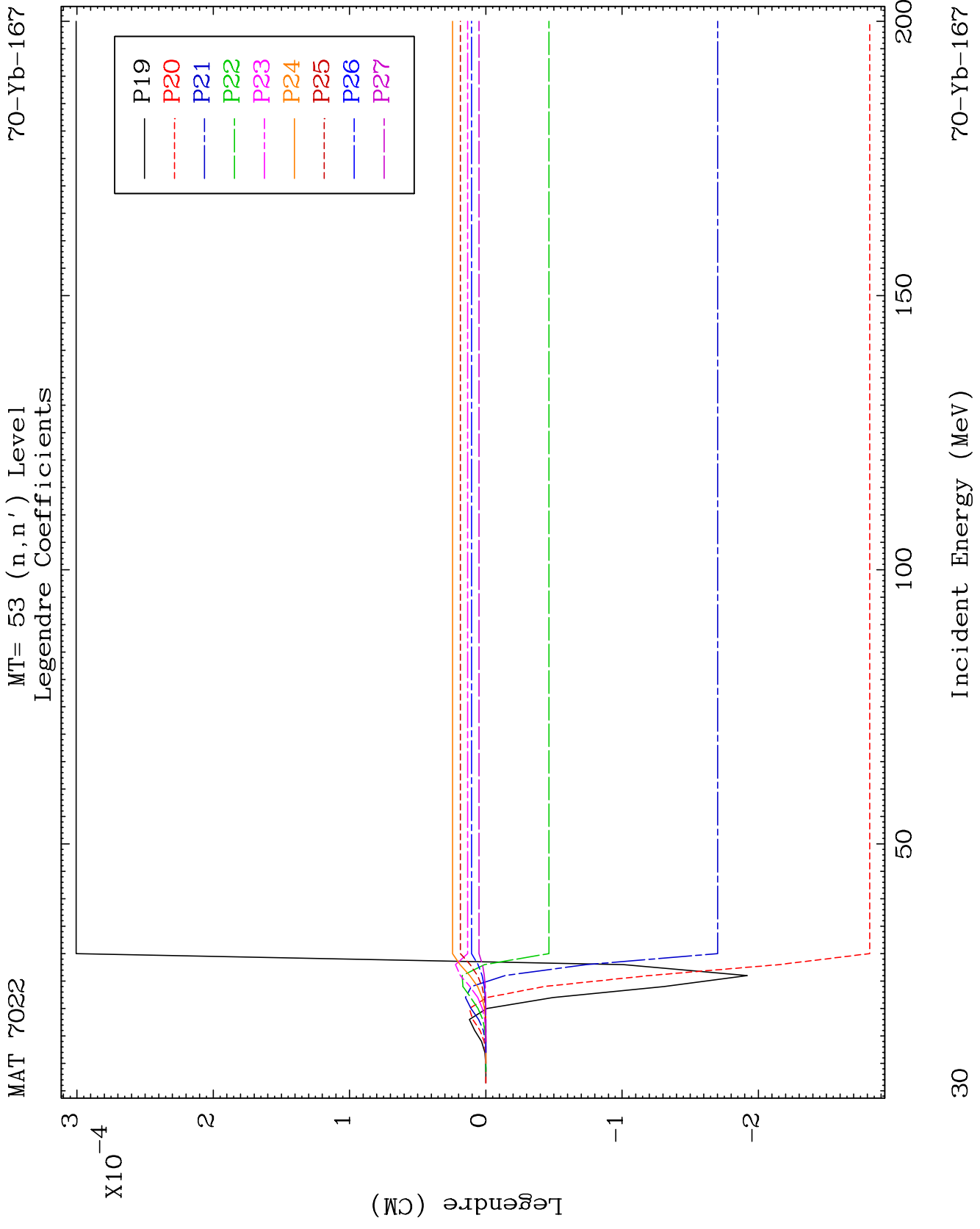
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29

Incident Energy (MeV)

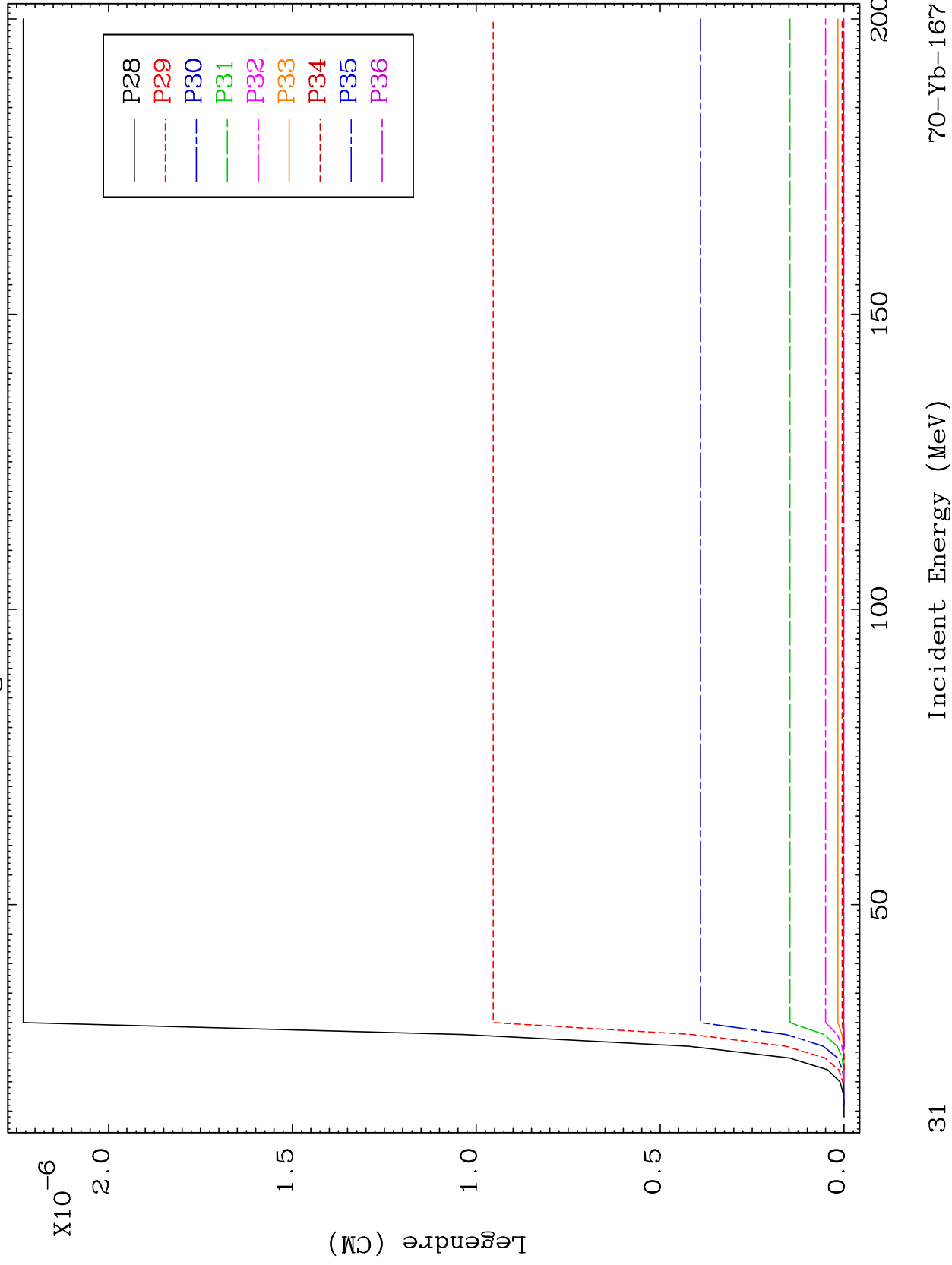
70-Yb-167



MAT 7022

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

70-Yb-167

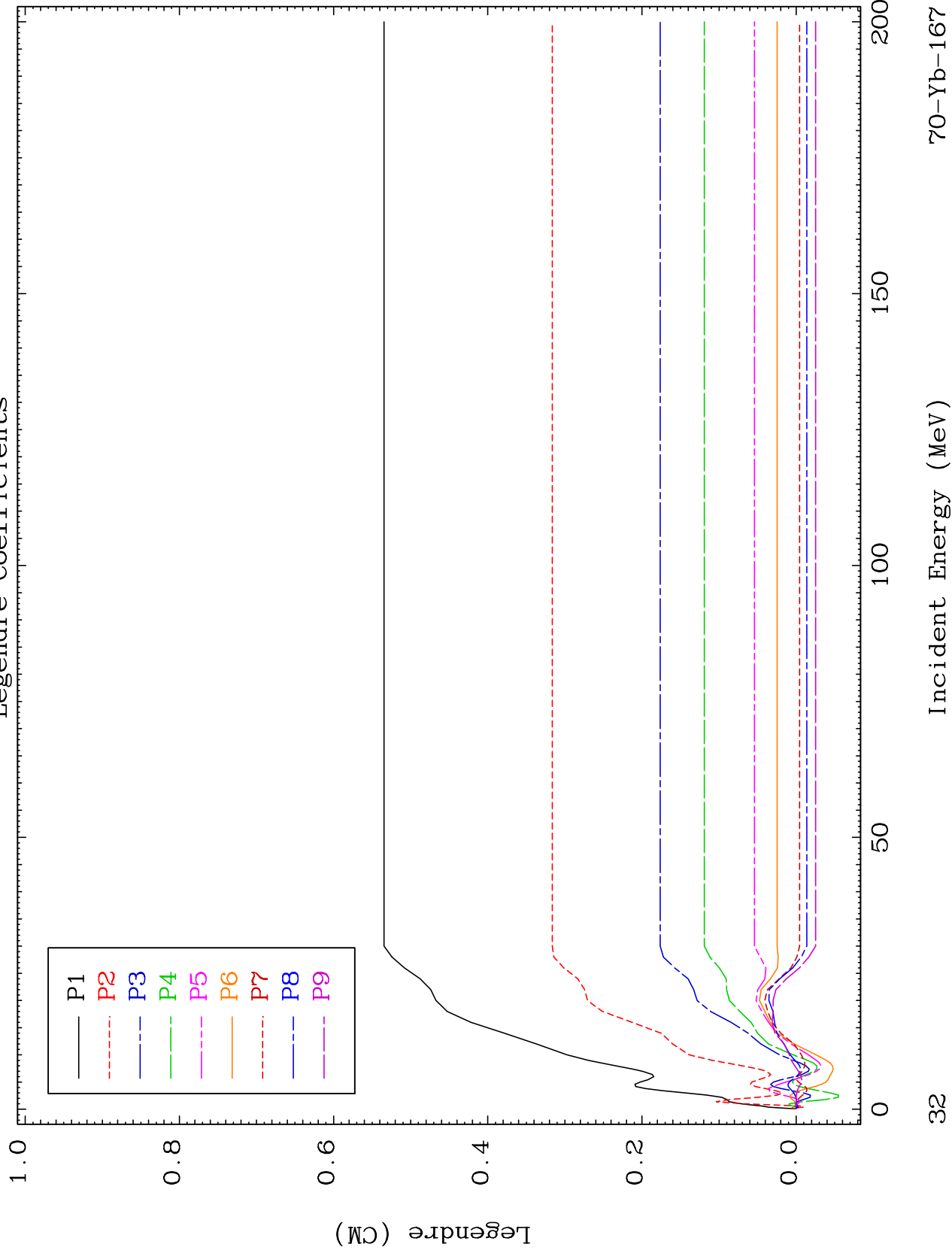


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MAT 7022

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

70-Yb-167



32

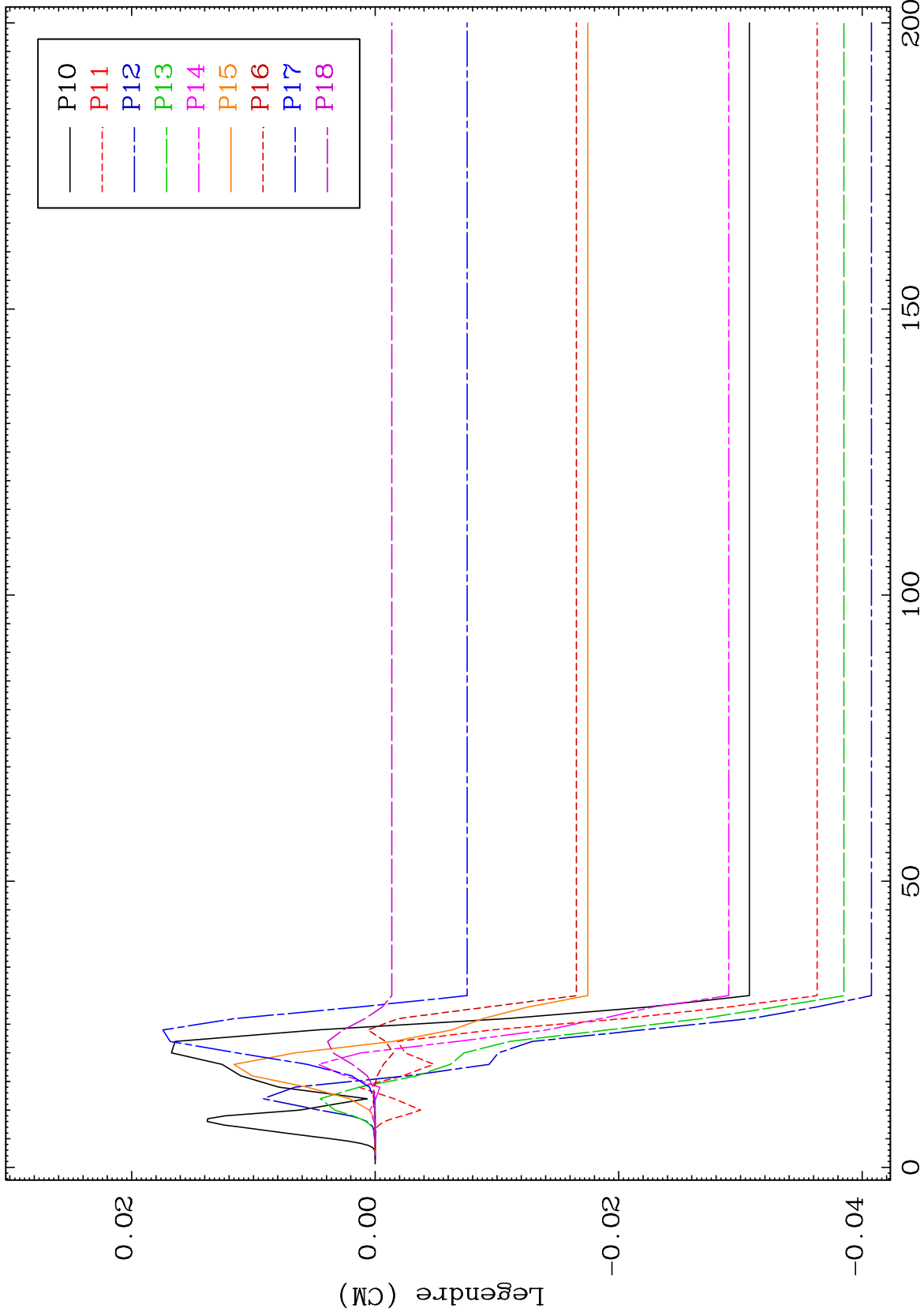
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

70-Yb-167



33

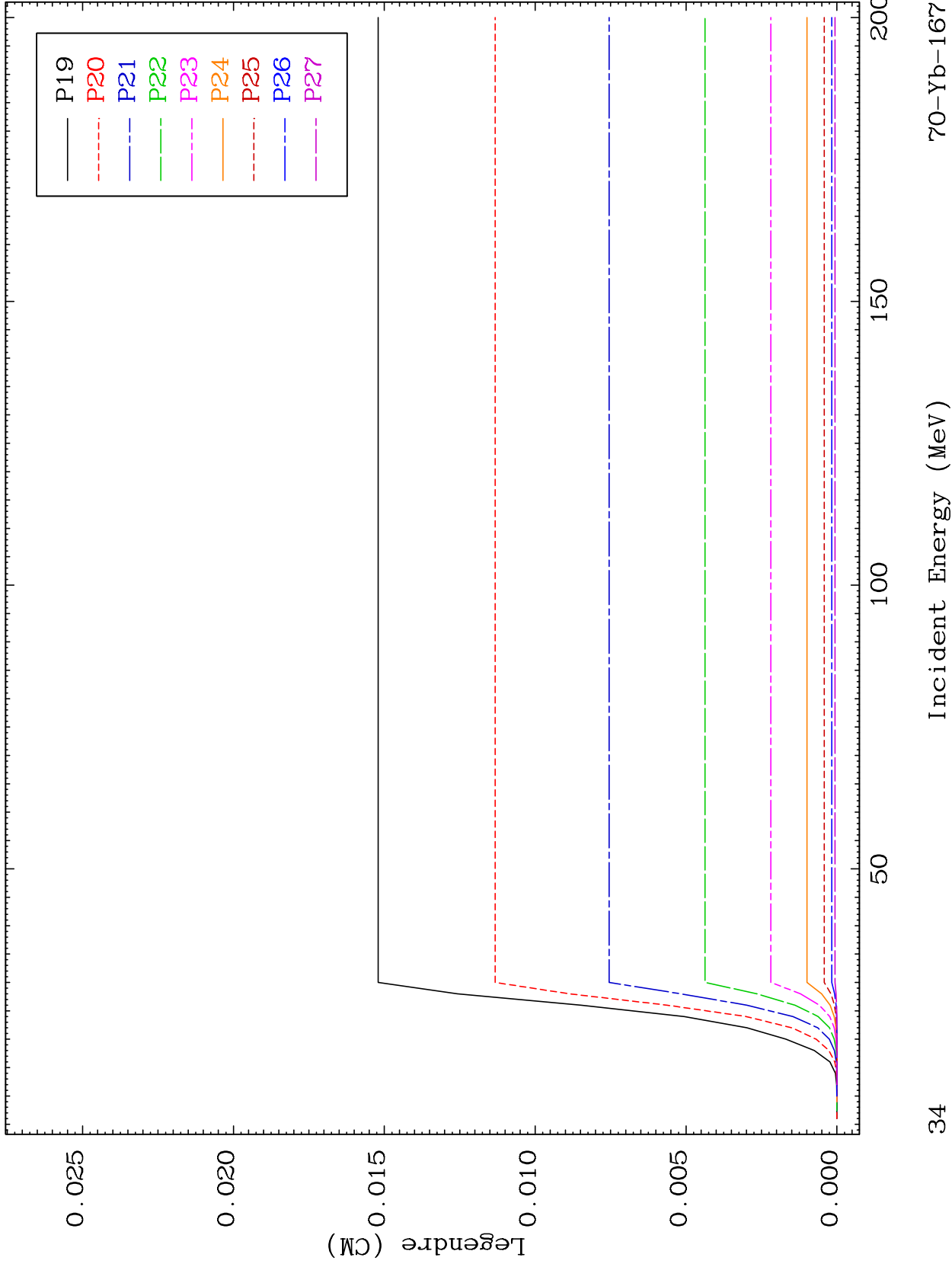
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

70-Yb-167



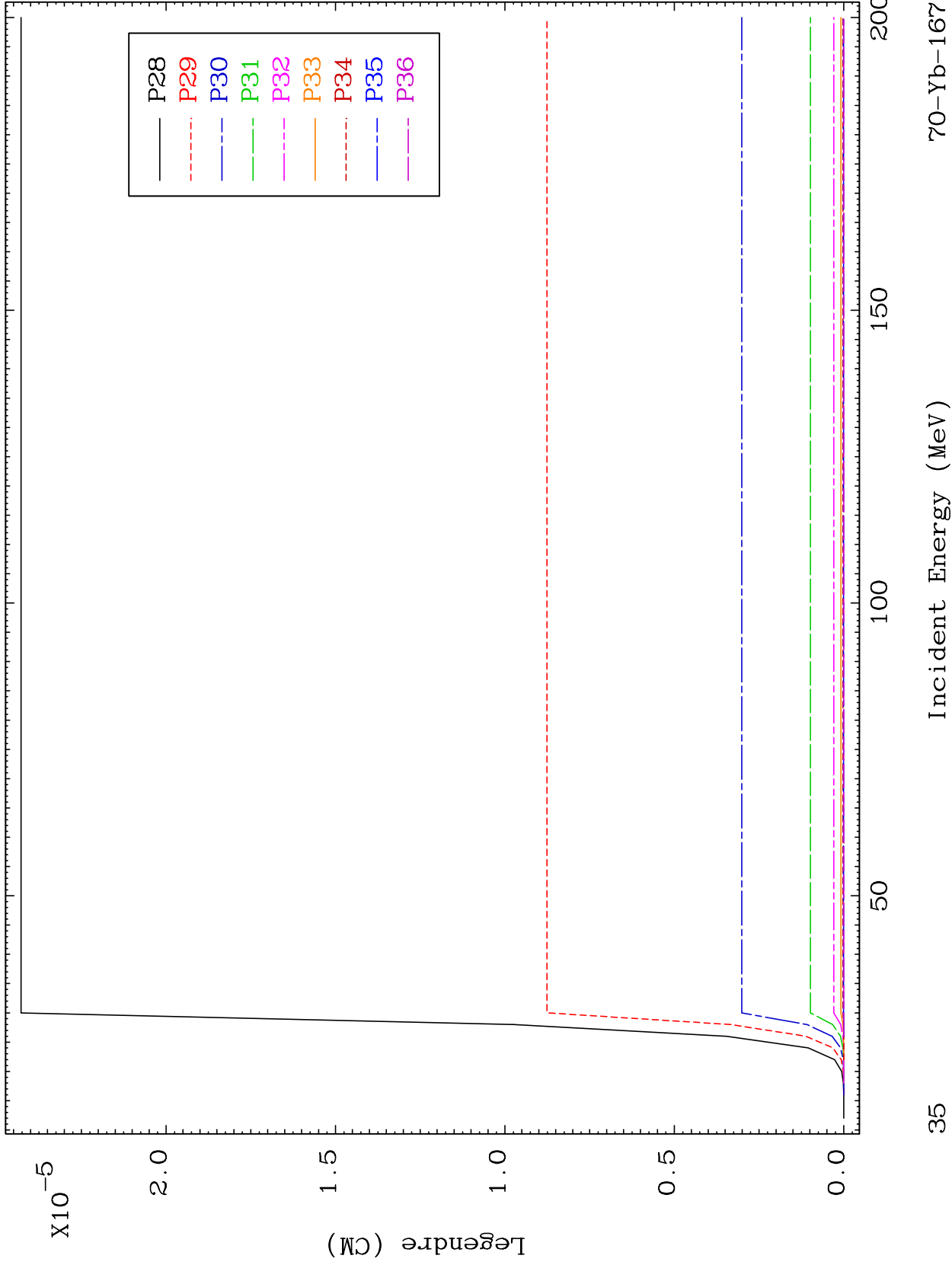
34

70-Yb-167

MAT 7022

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

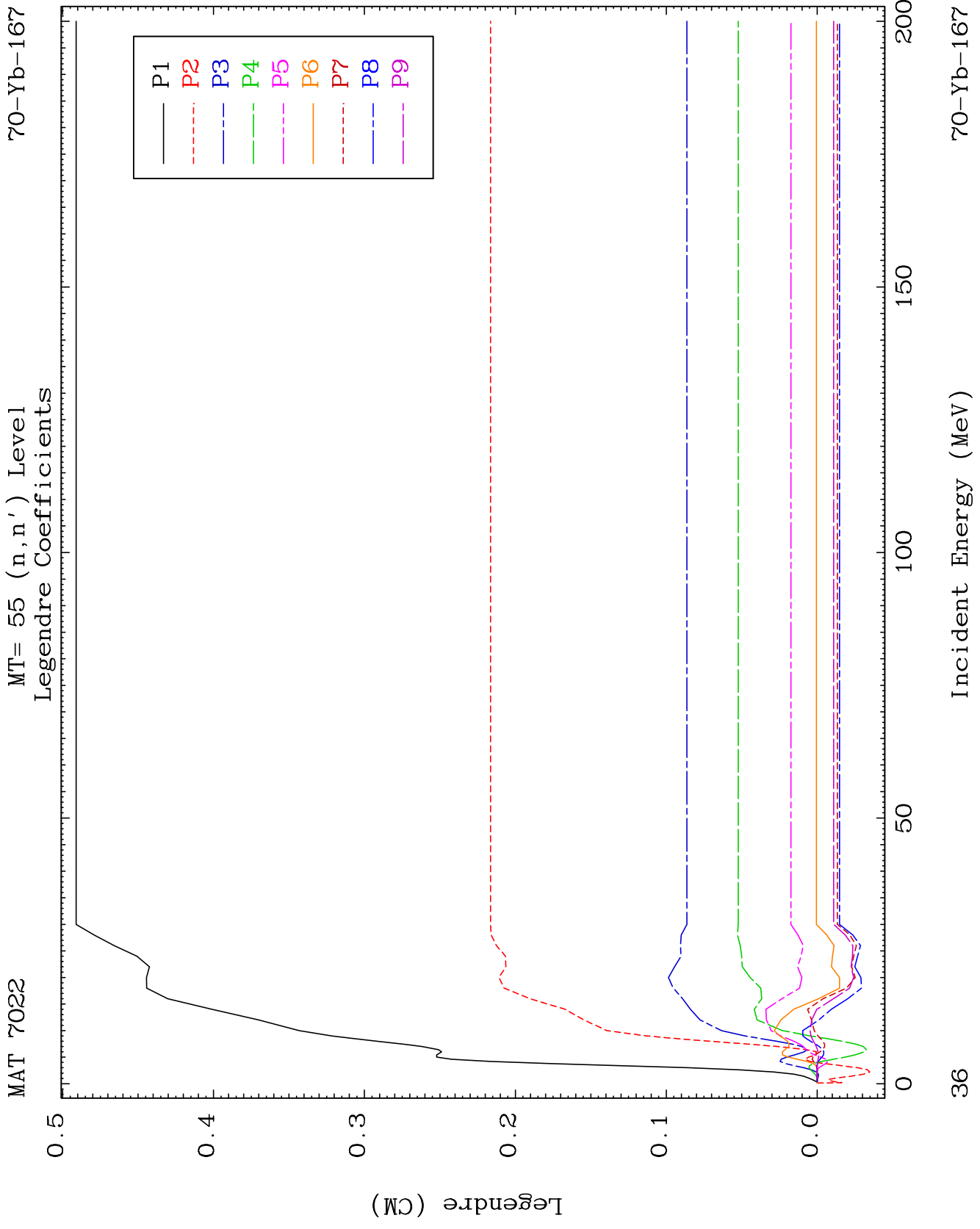
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35

Incident Energy (MeV)

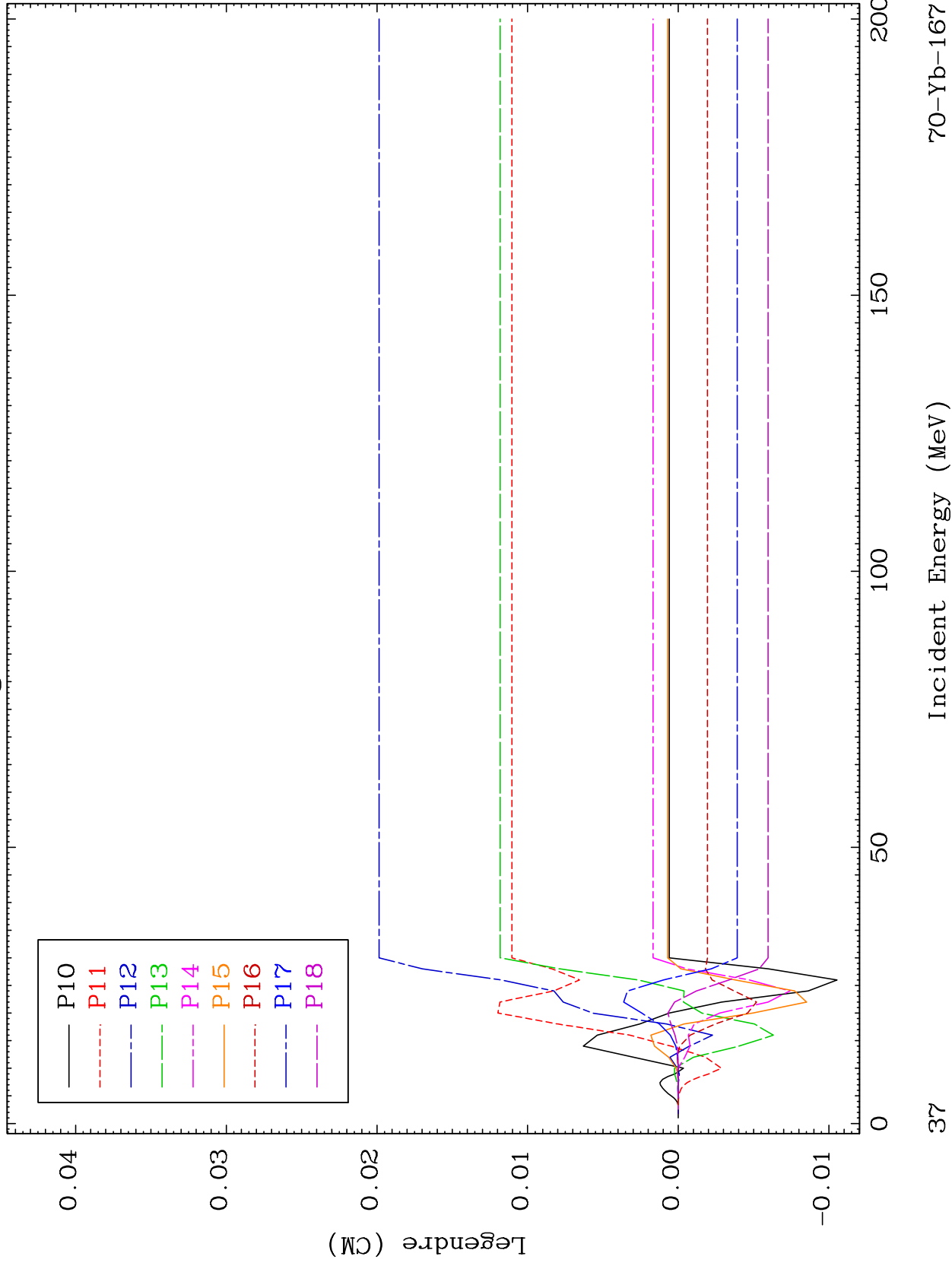
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MAT 7022

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

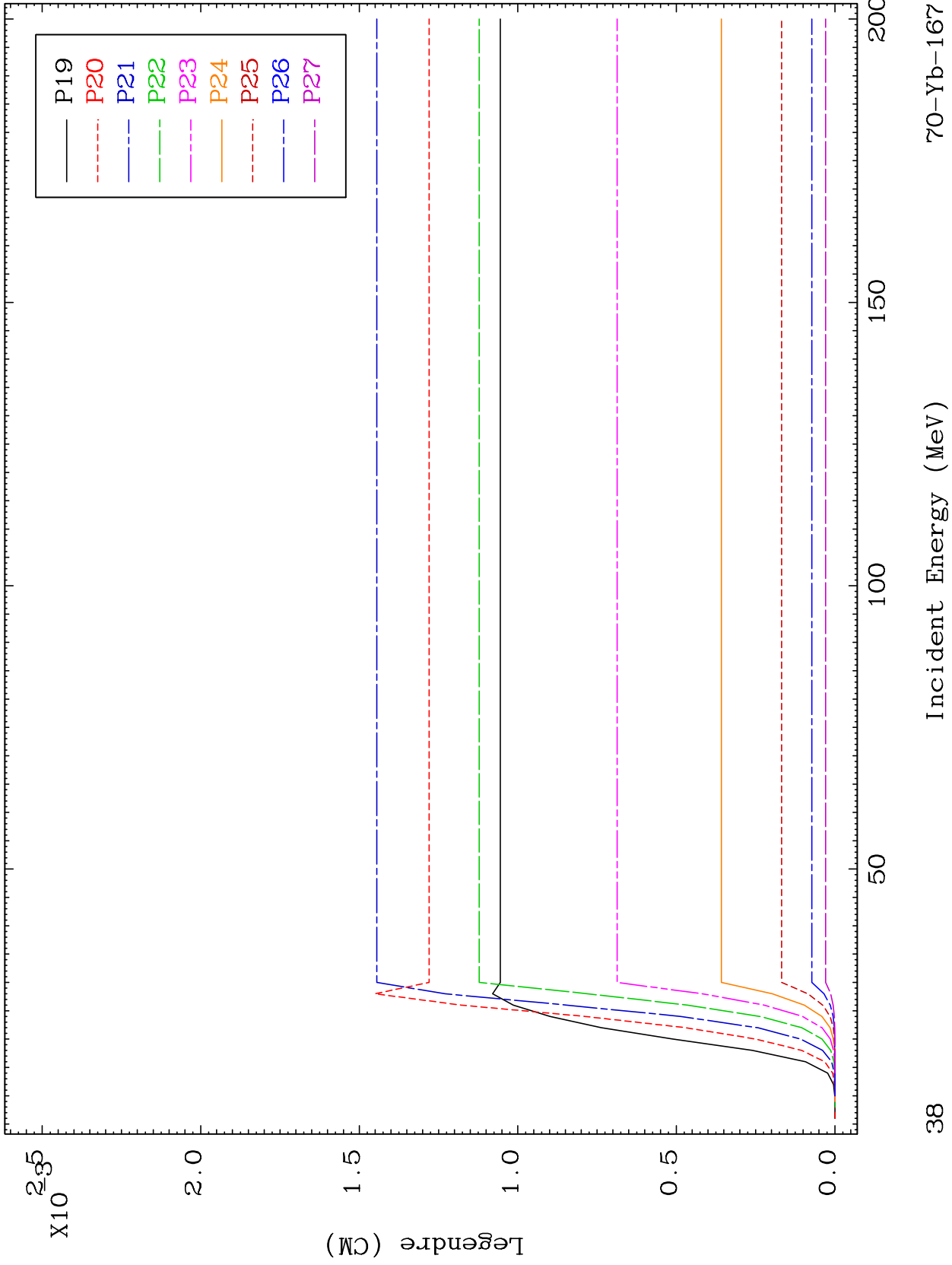
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MAT 7022

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

70-Yb-167



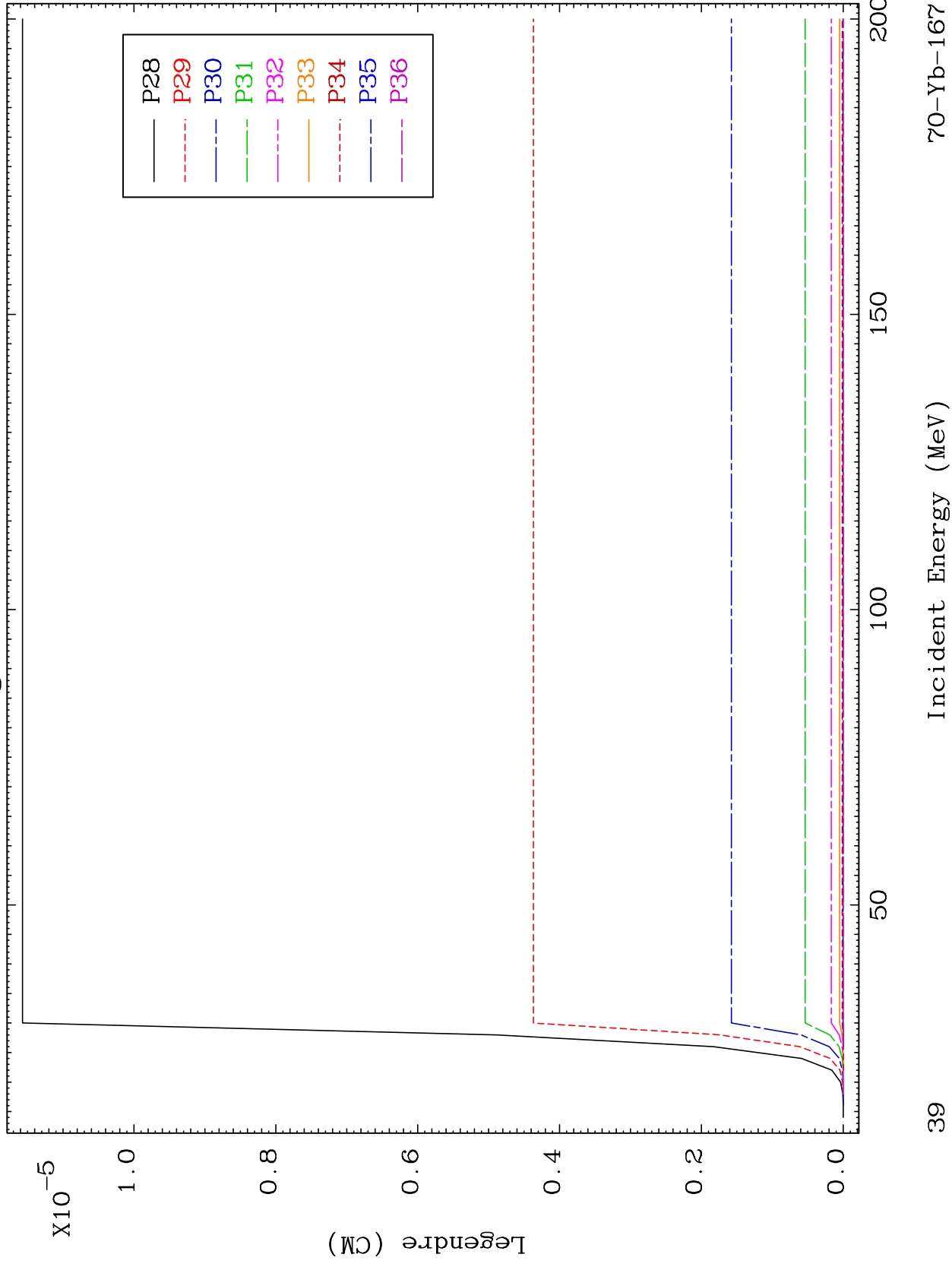
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70-Yb-167

MAT 7022

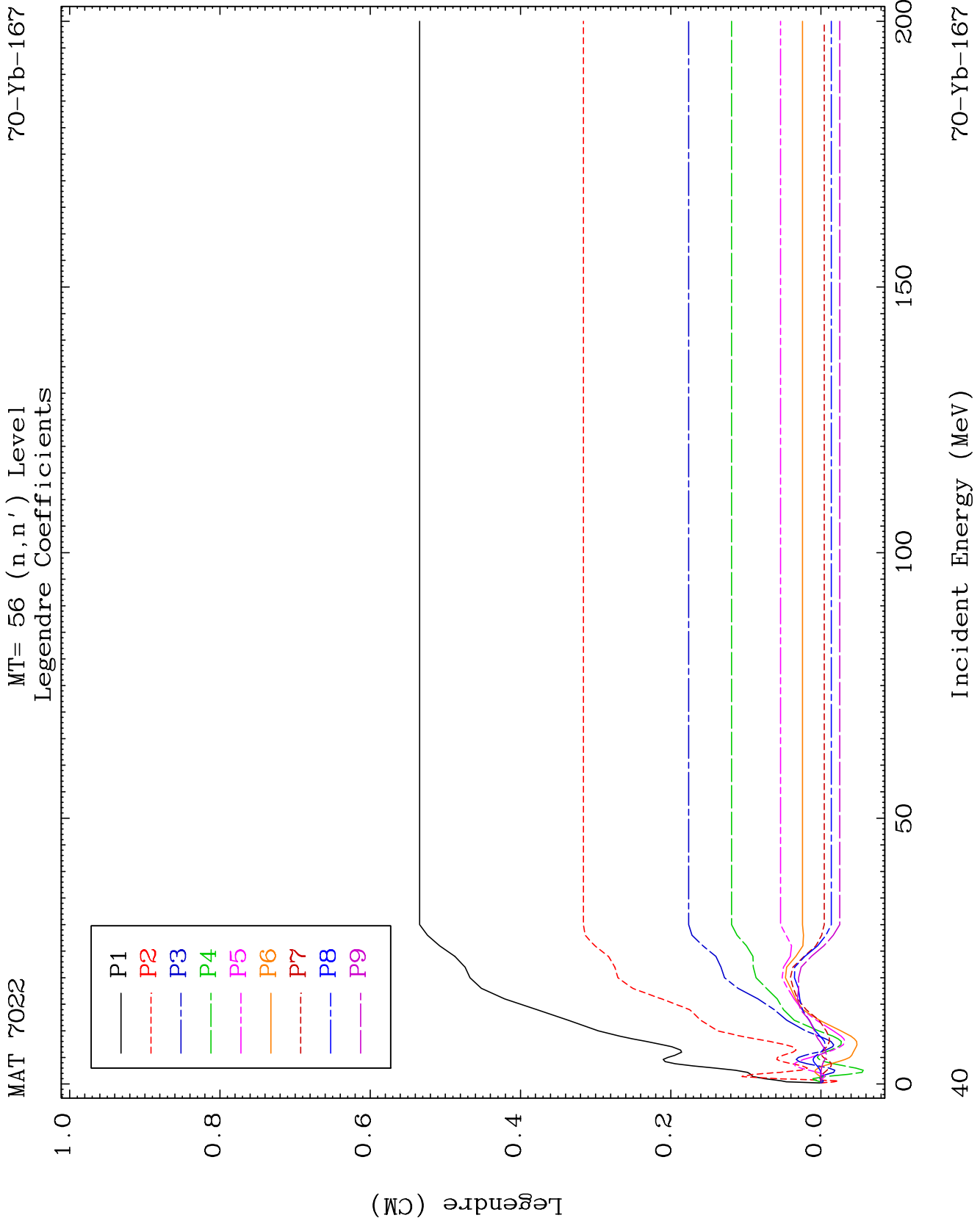
MT= 55 (n,n') Level
Legendre Coefficients

70-Yb-167



39

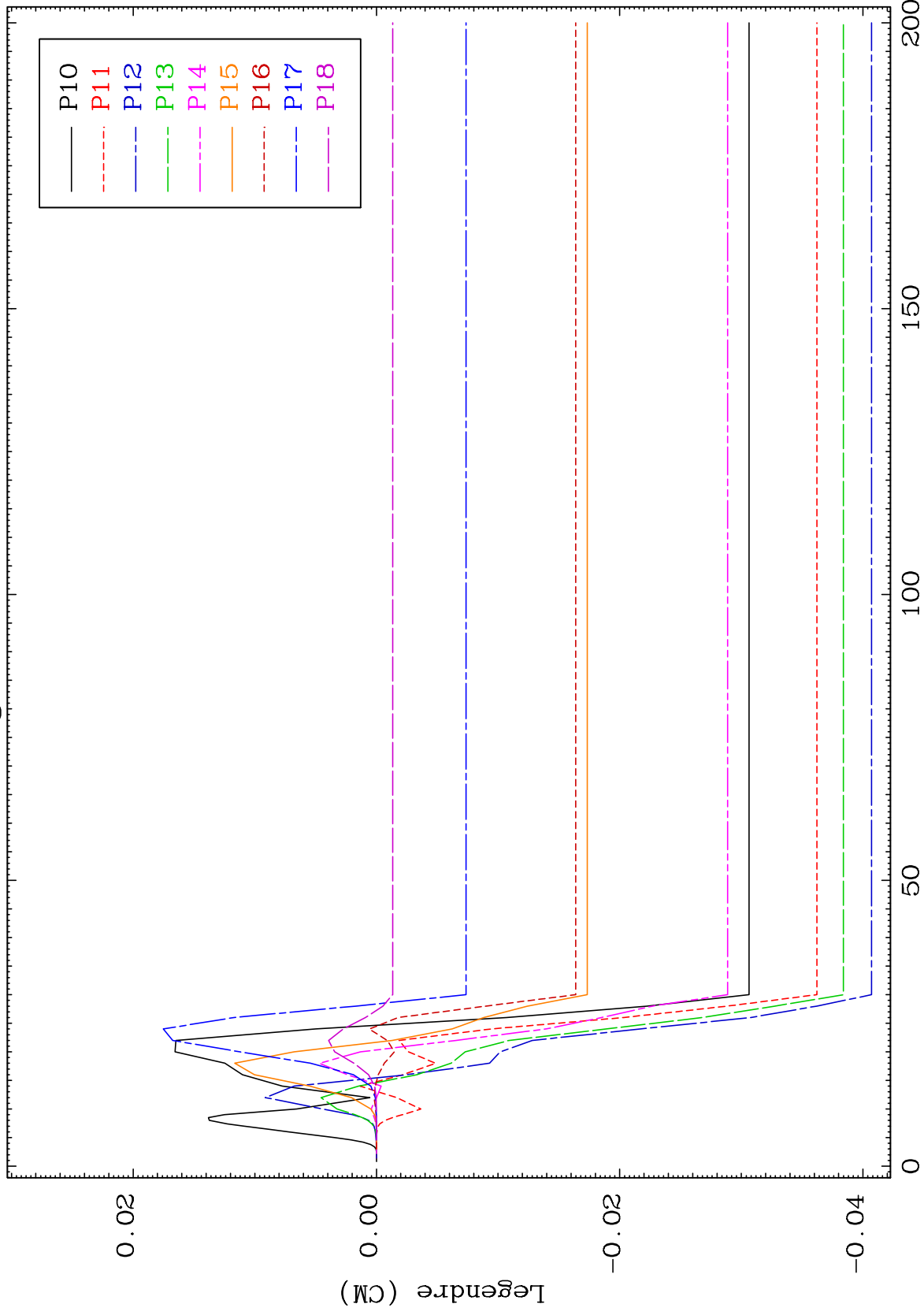
70-Yb-167



MAT 70222

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

70-Yb-167



41

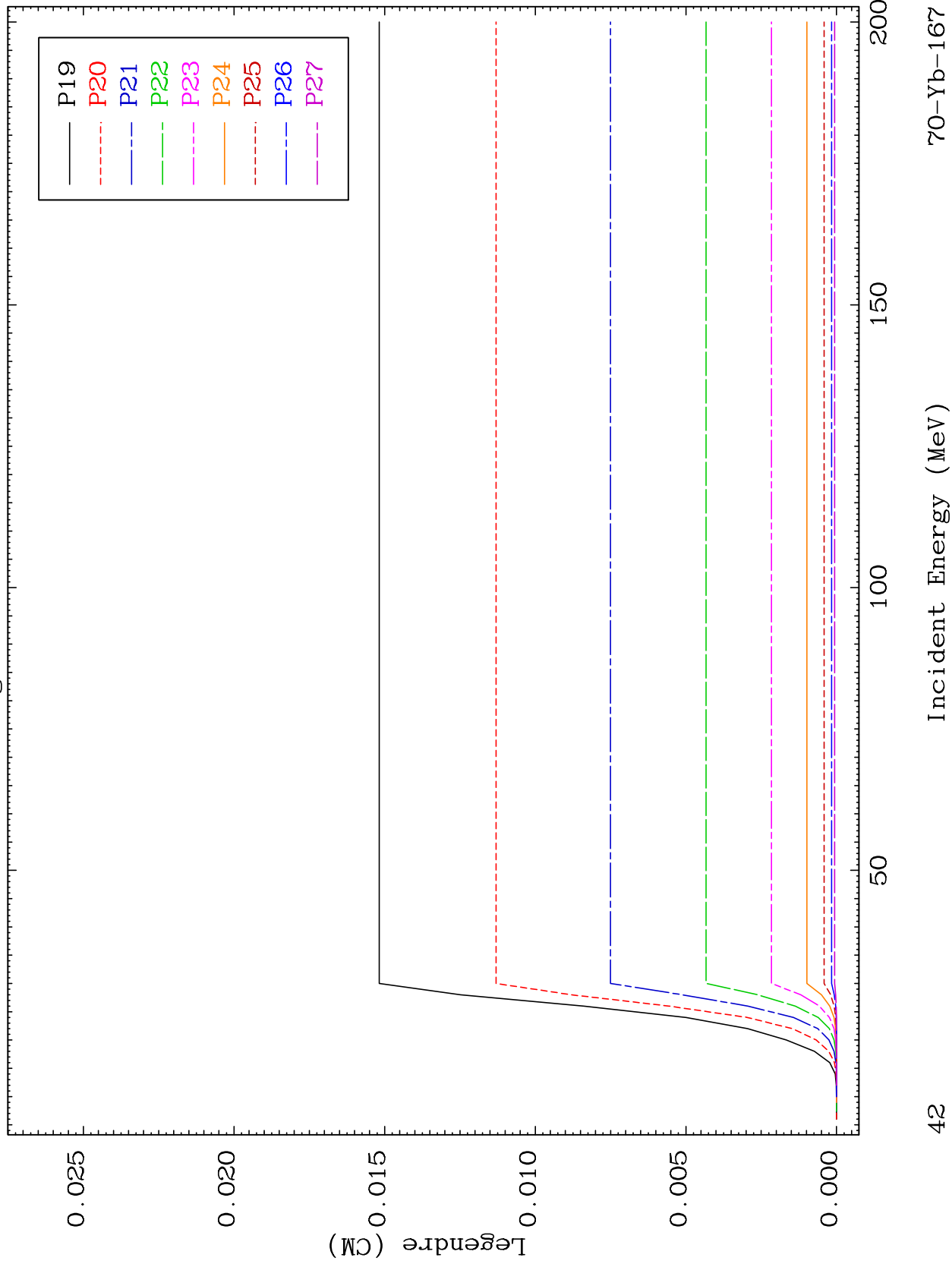
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

70-Yb-167



42

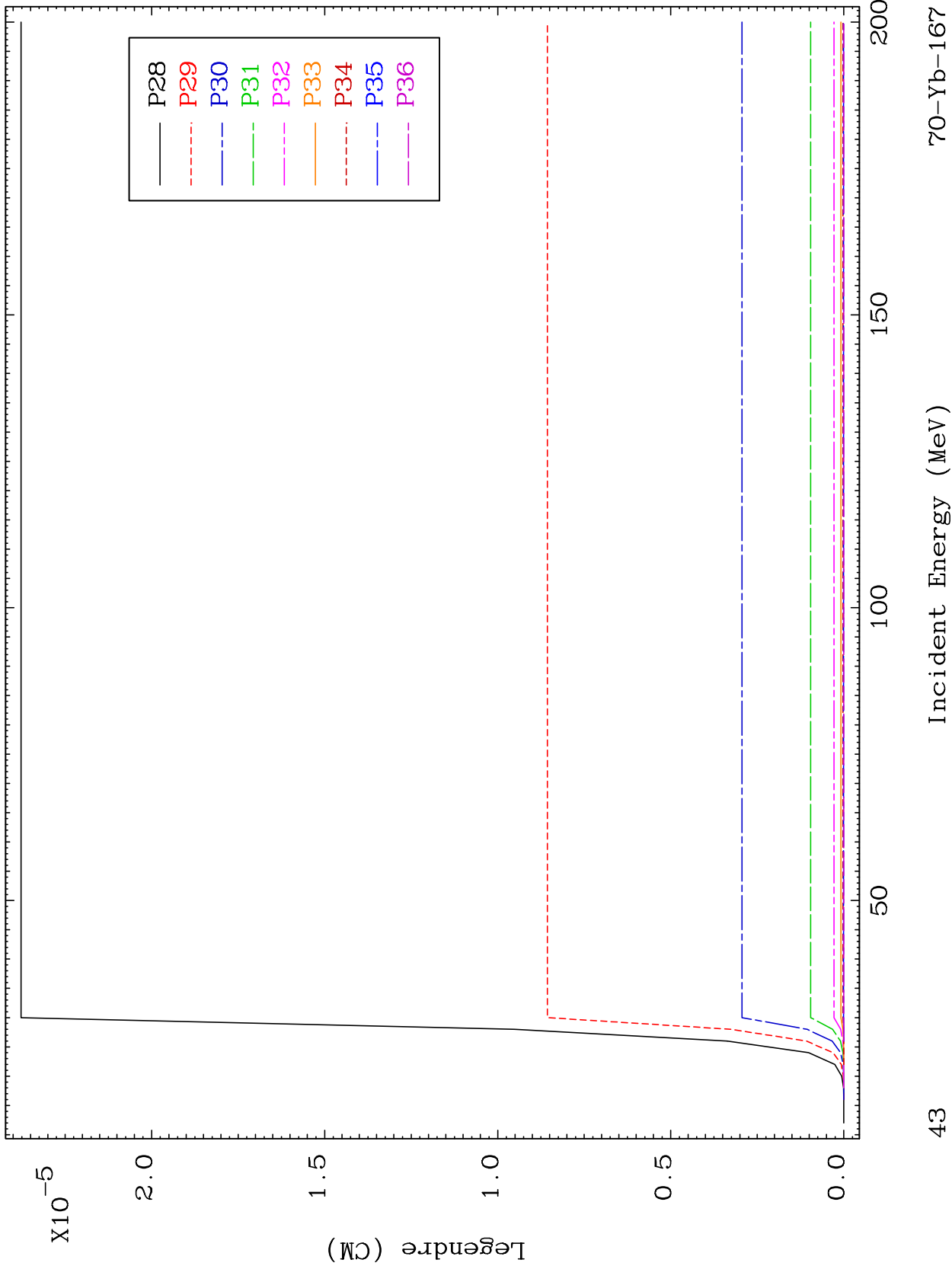
Incident Energy (MeV)

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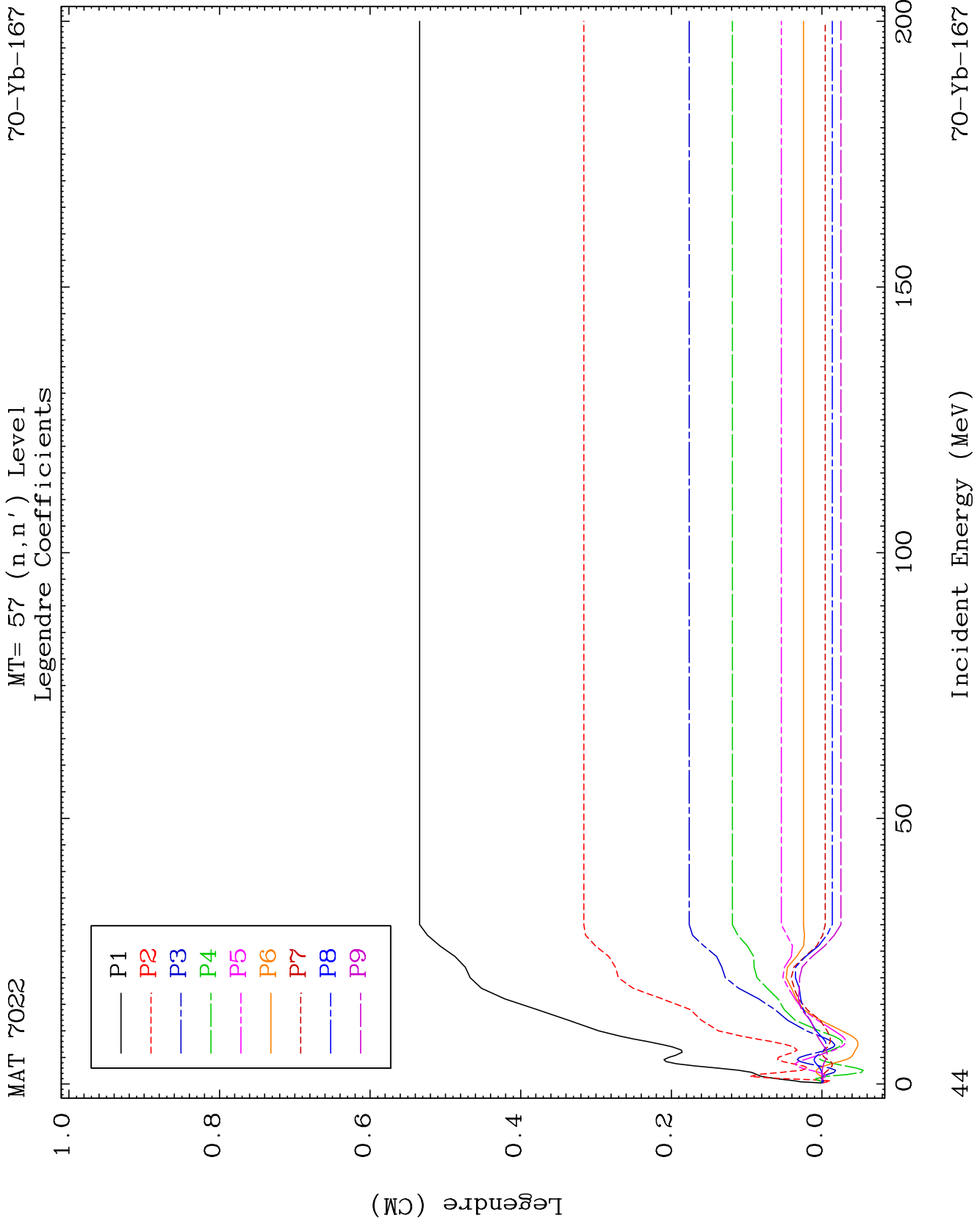
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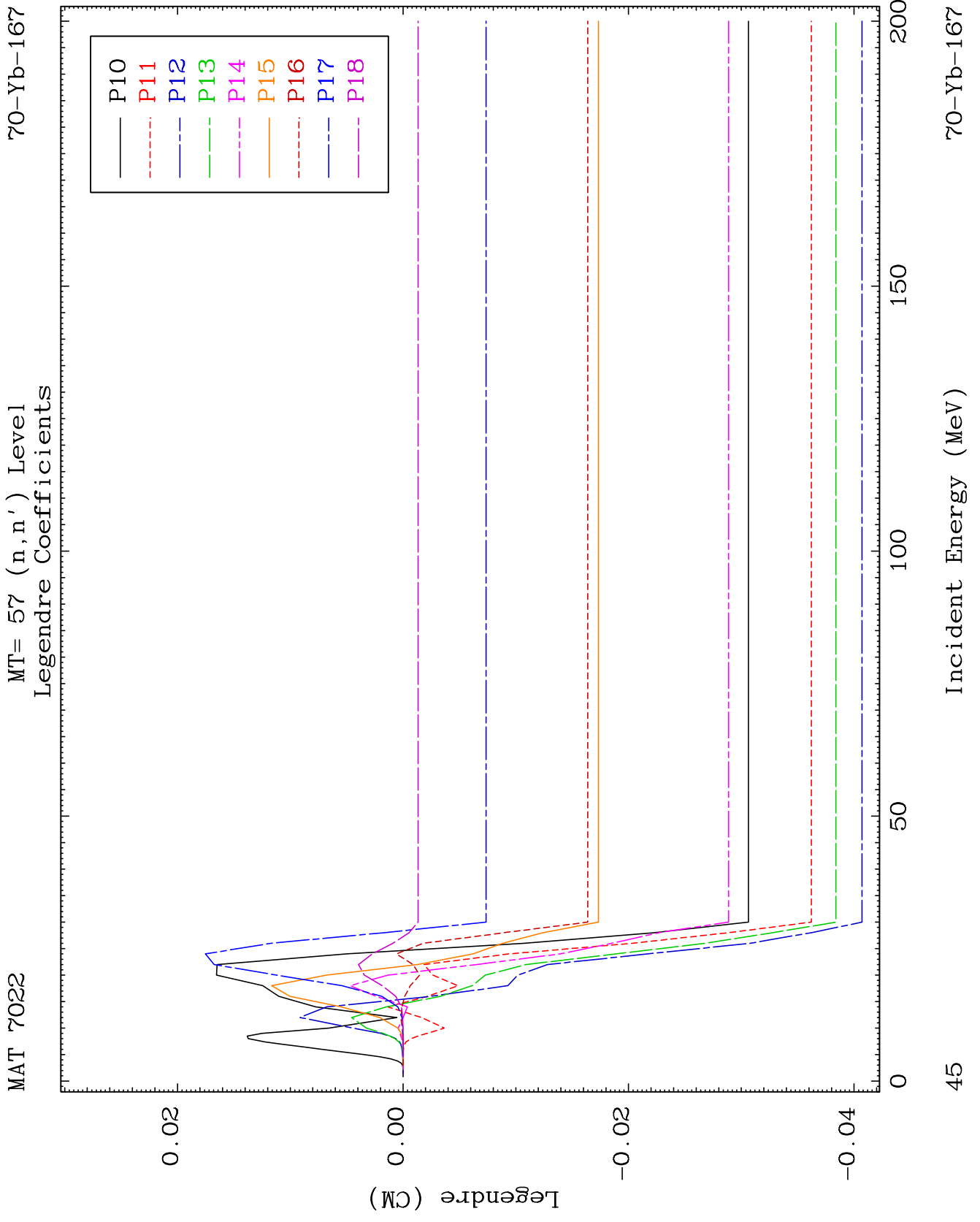
MT= 56 (n,n') Level
Legendre Coefficients

70-Yb-167



43

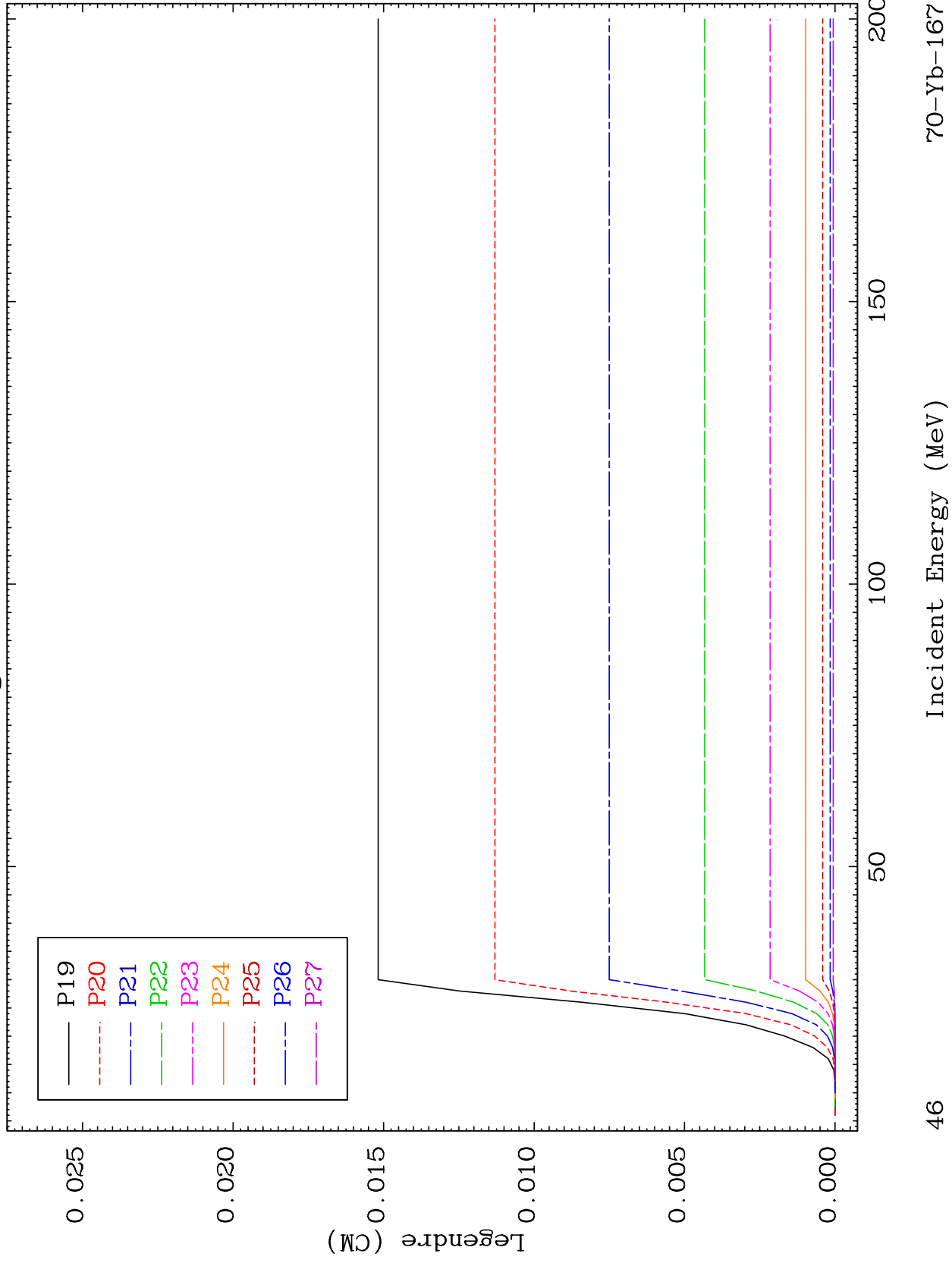




MAT 7022

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

70-Yb-167



46

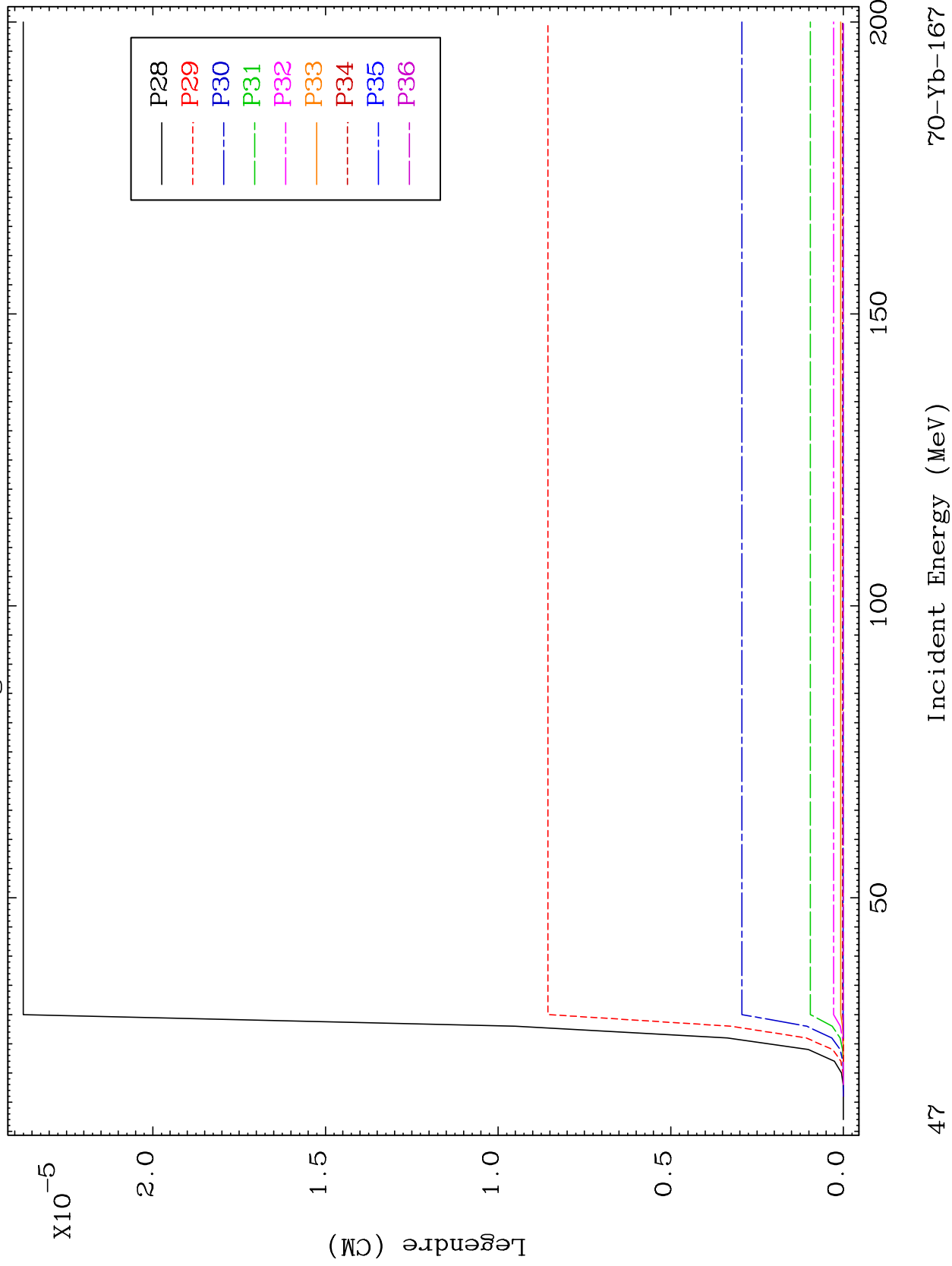
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

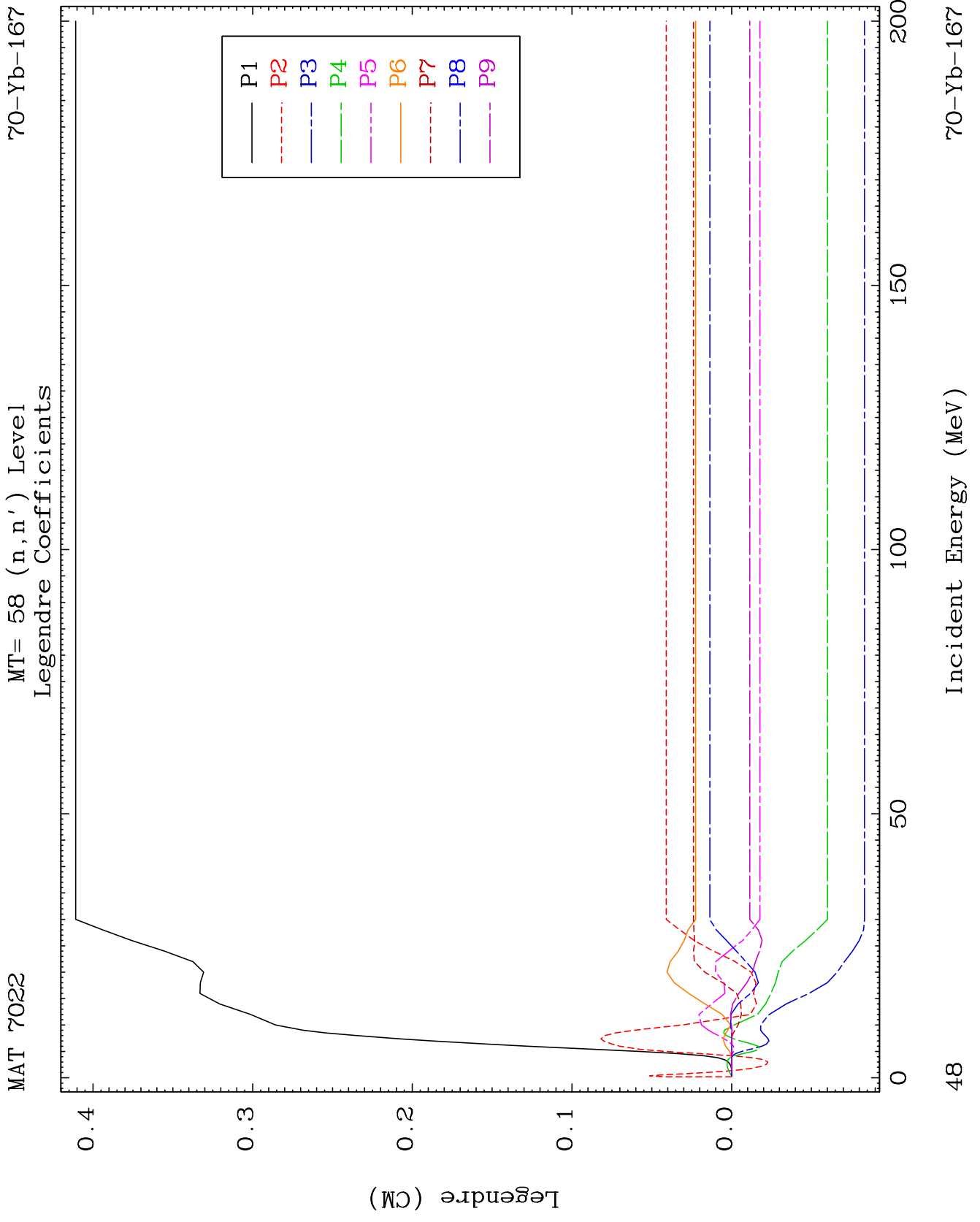
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47

Incident Energy (MeV)

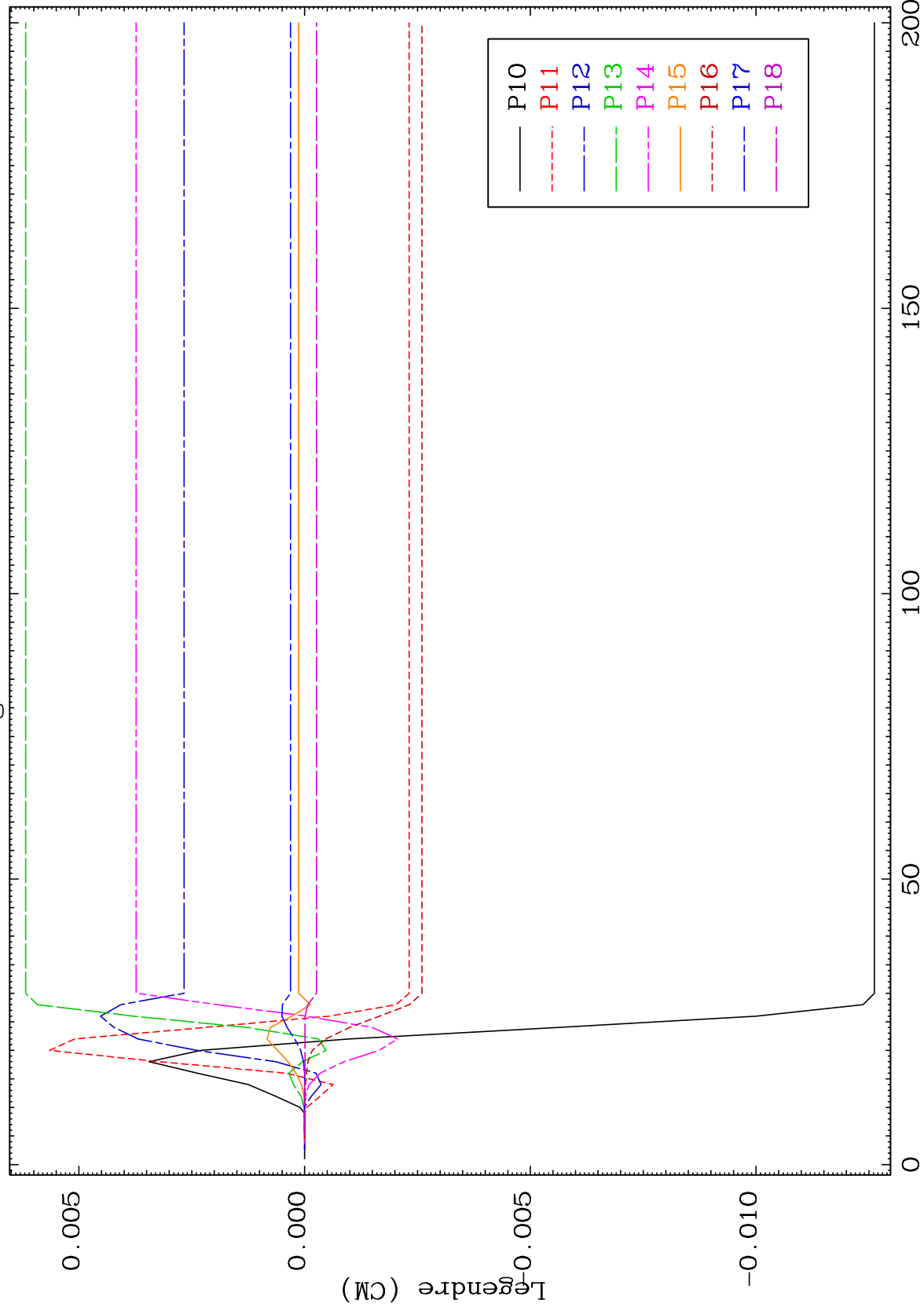
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MAT 7022

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

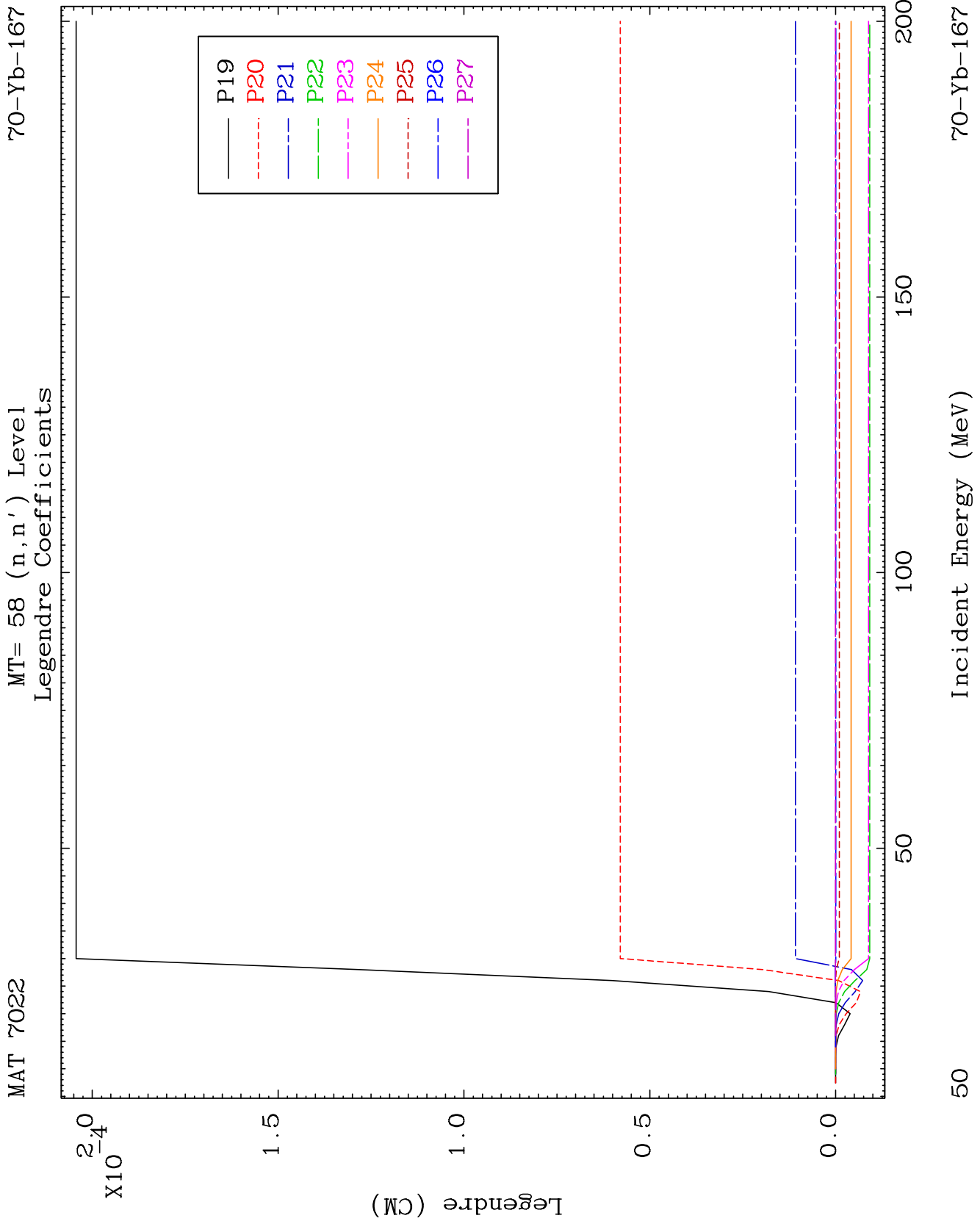
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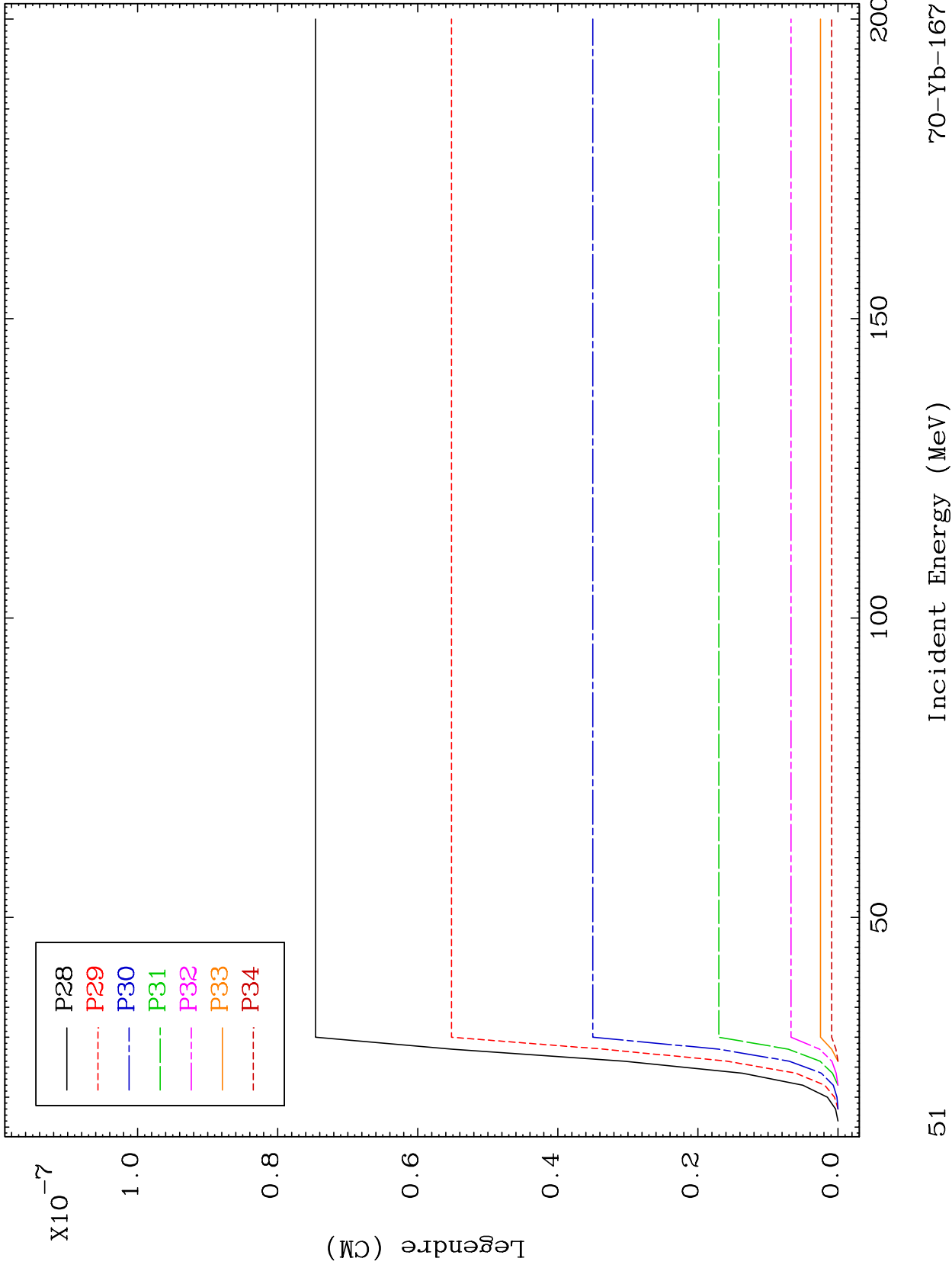


49

Incident Energy (MeV)

70-Yb-167

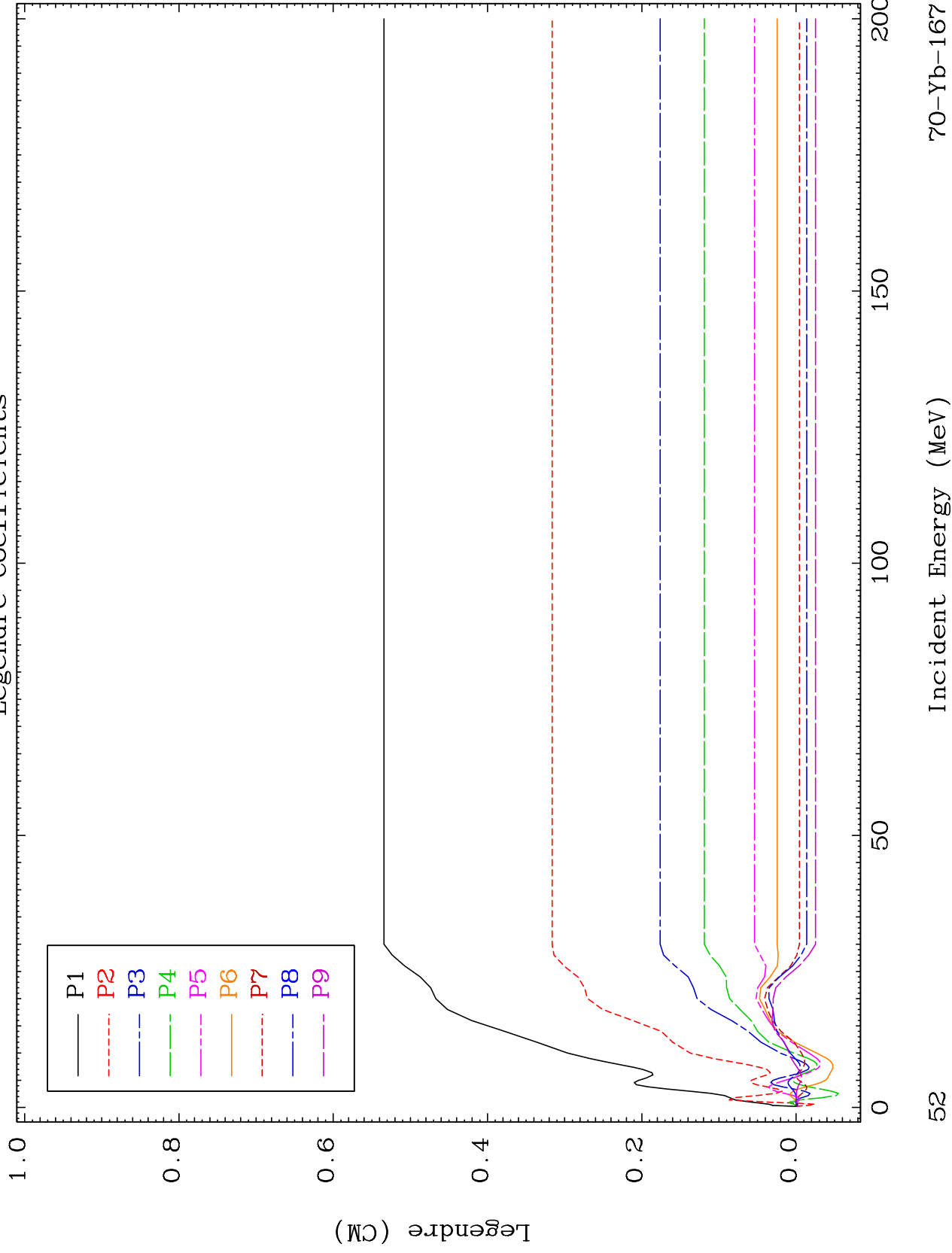




MAT 7022

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

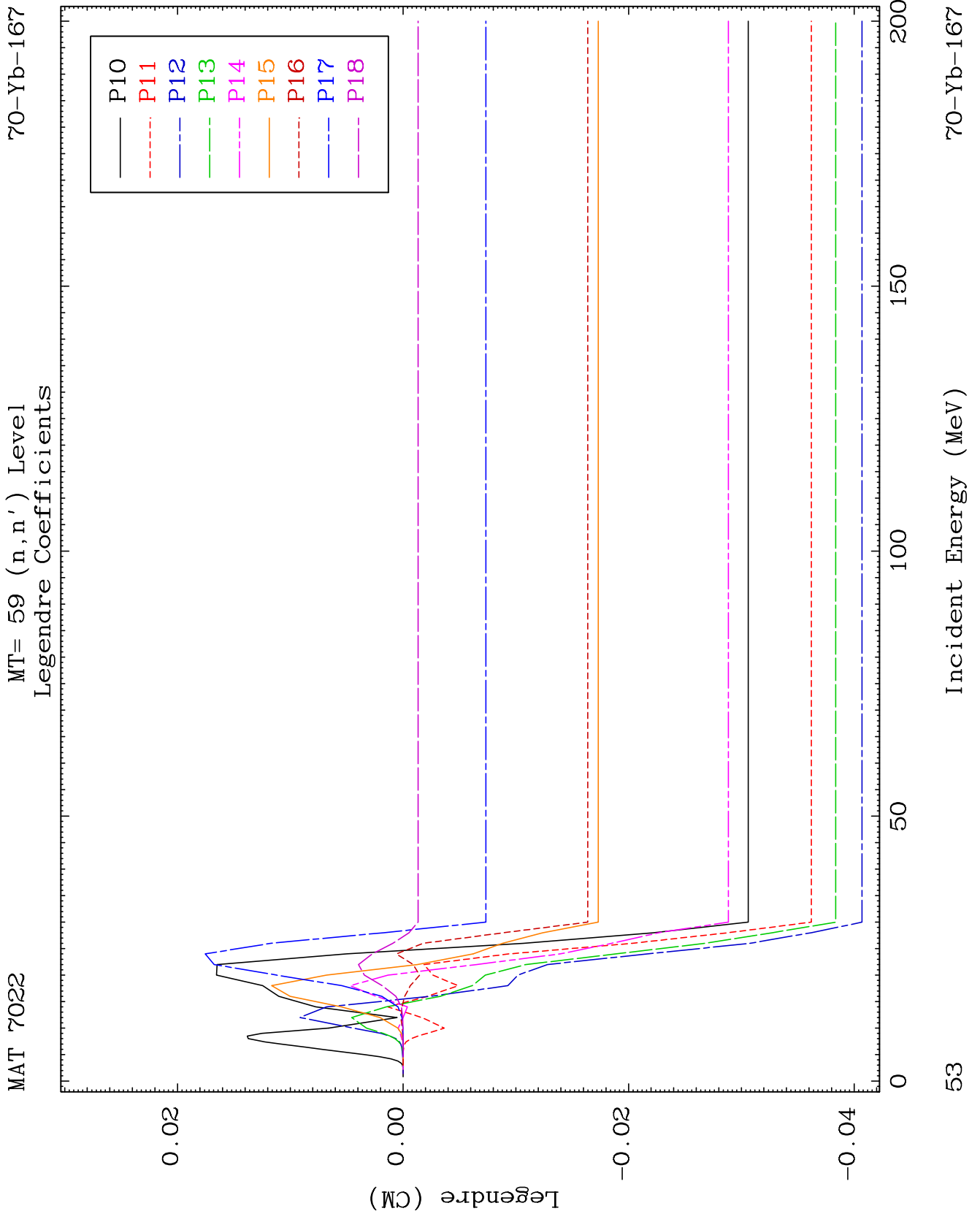
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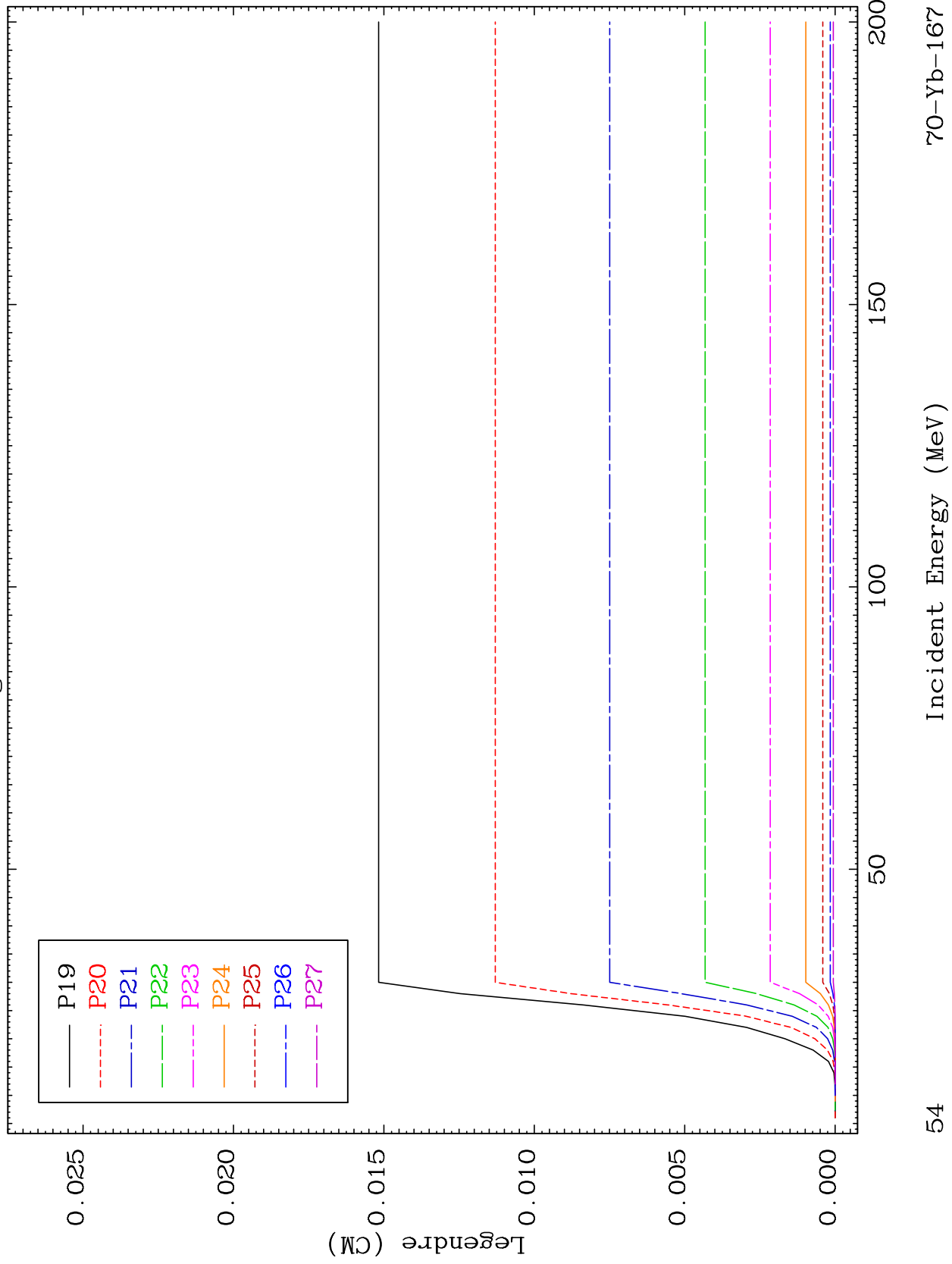


52

Incident Energy (MeV)

70-Yb-167

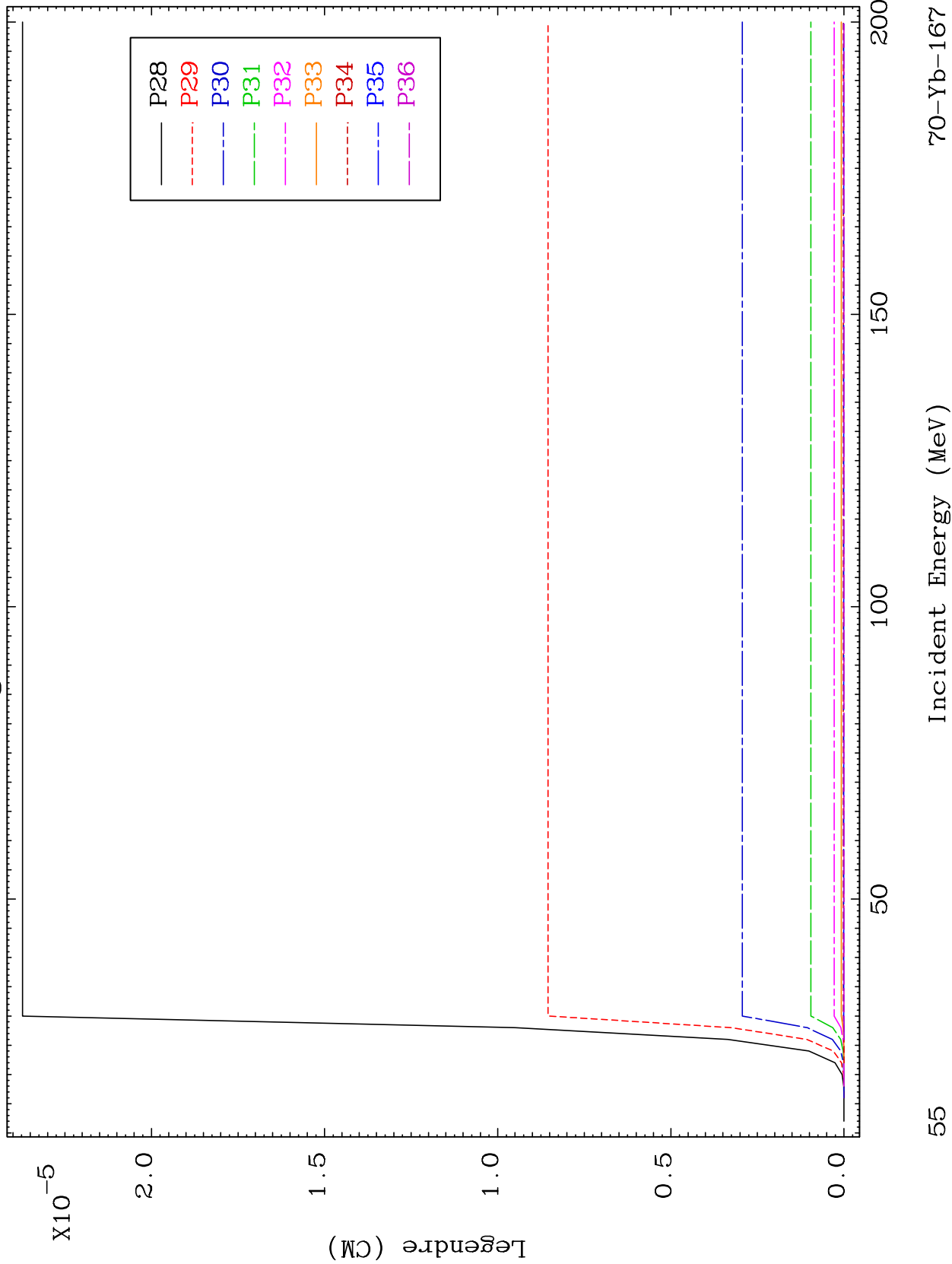




MAT 7022

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

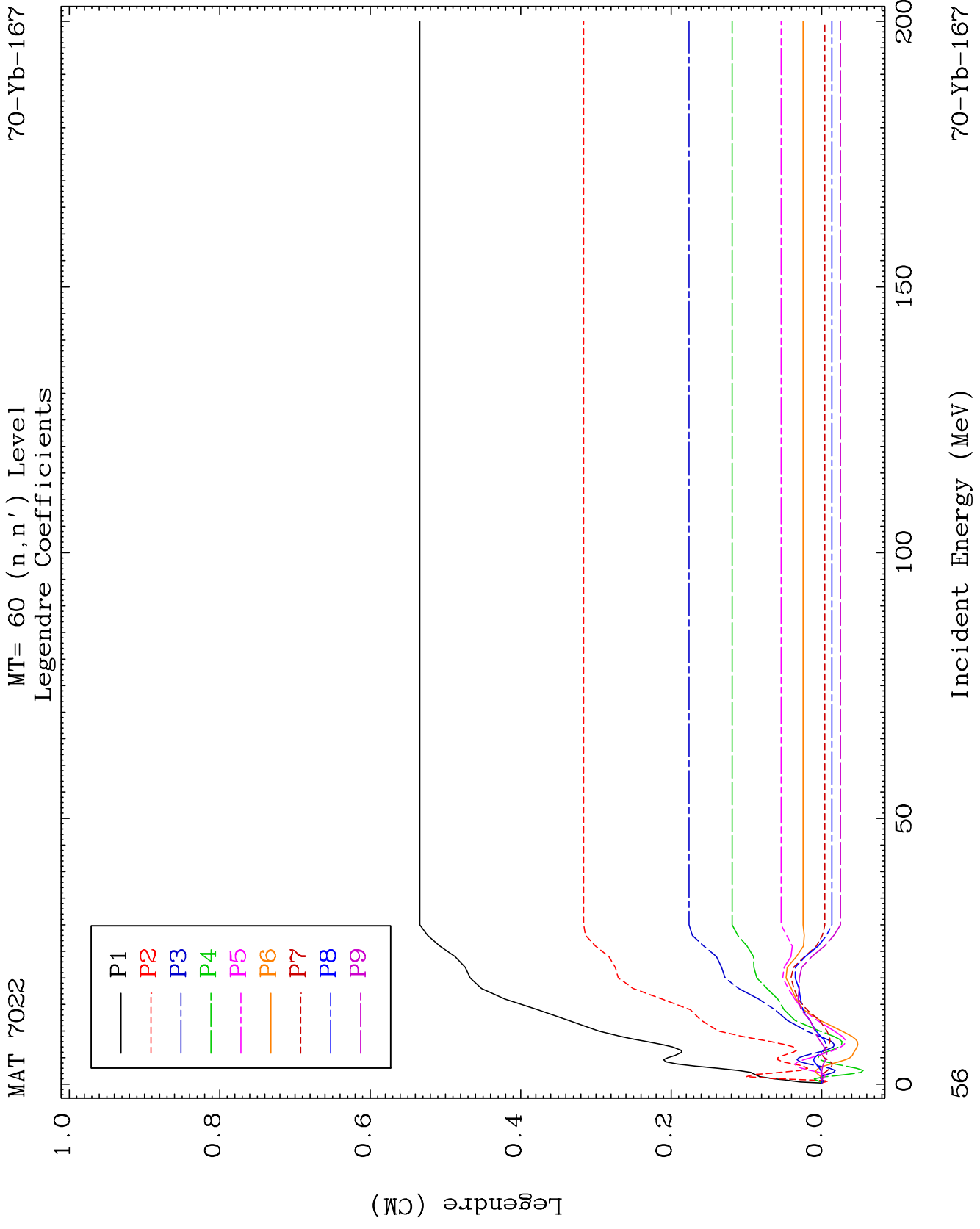
70-Yb-167



55

Incident Energy (MeV)

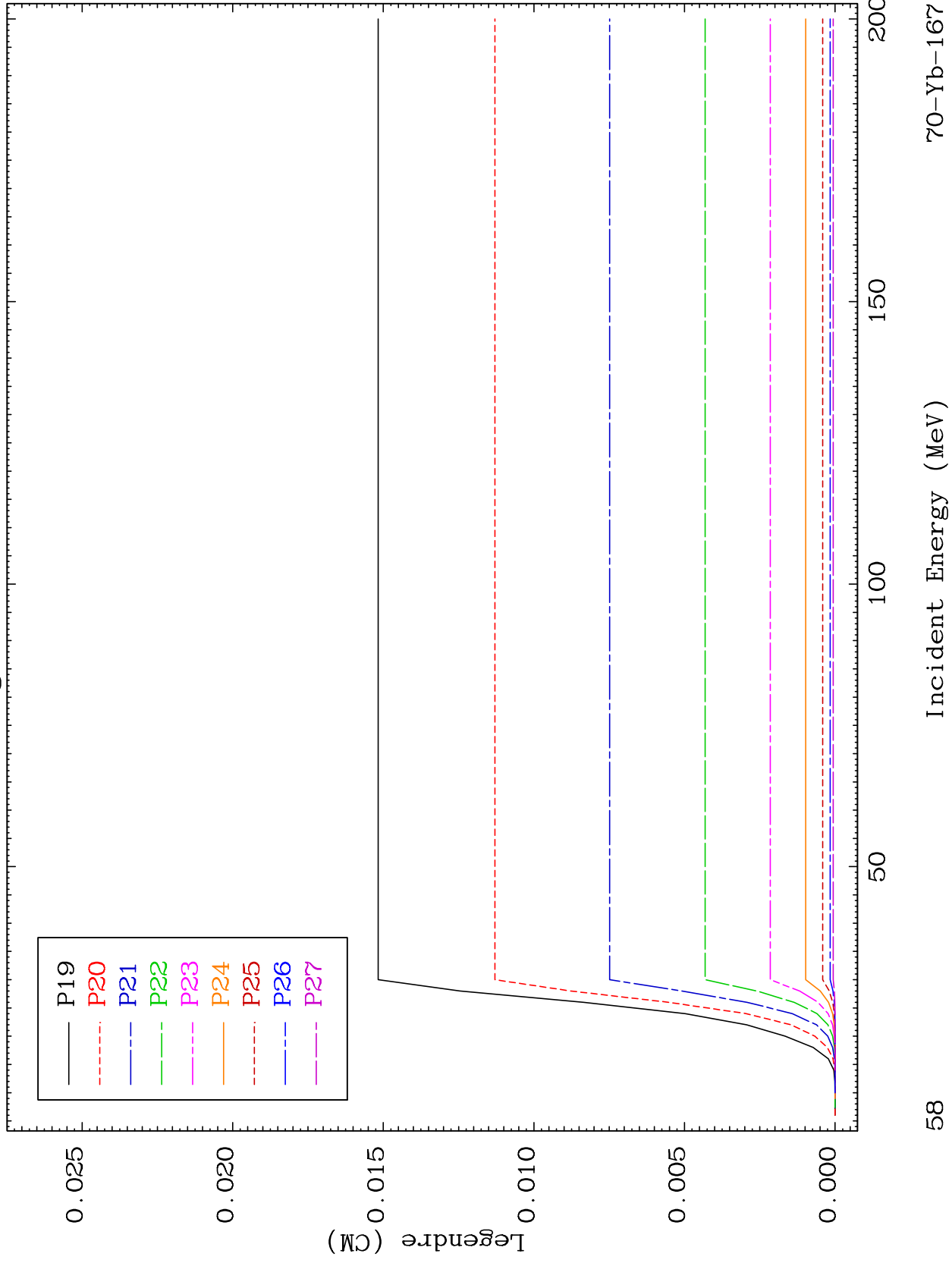
70-Yb-167



MAT 7022

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

70-Yb-167



58

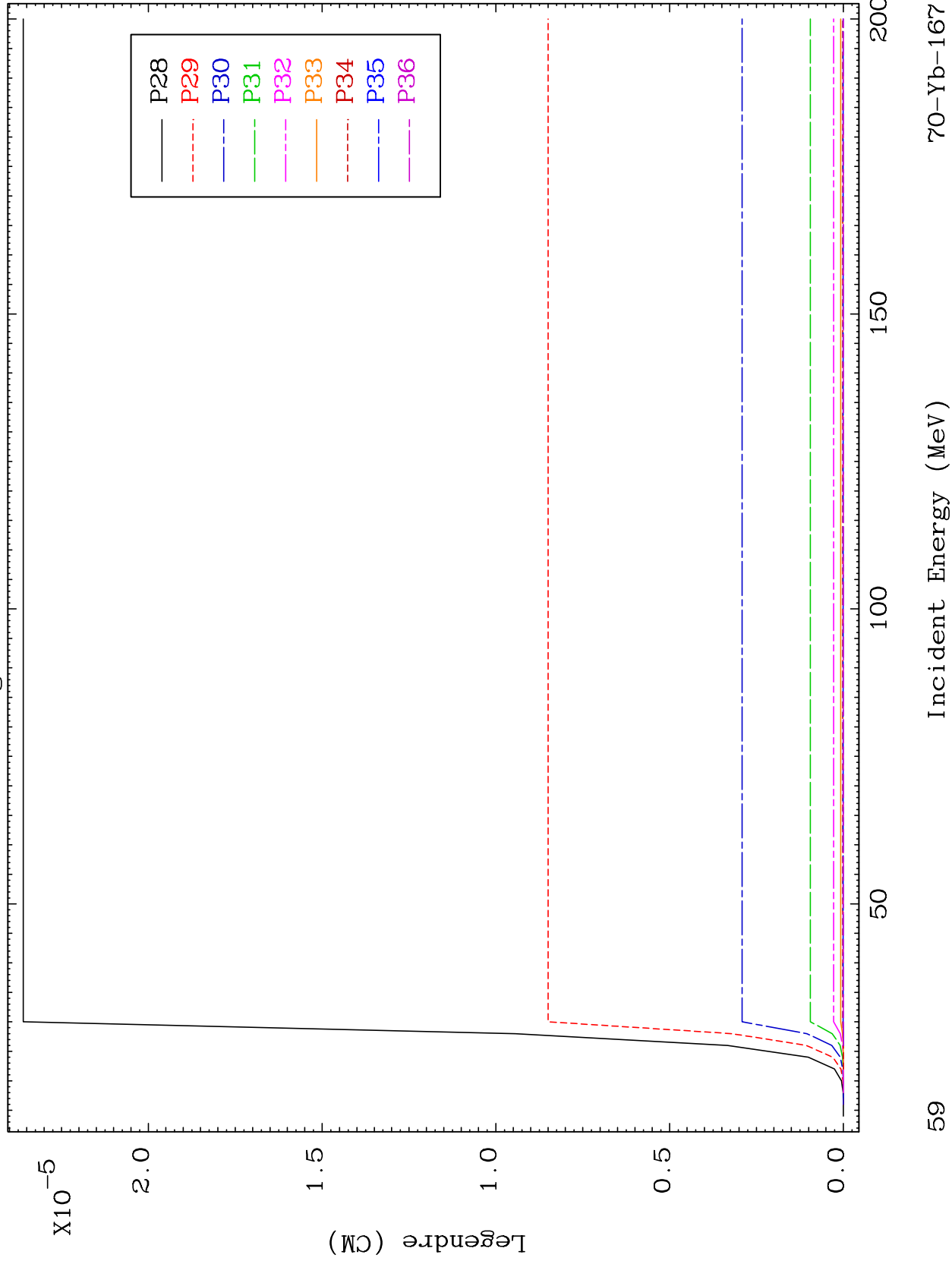
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Incident Energy (MeV)

MAT 7022

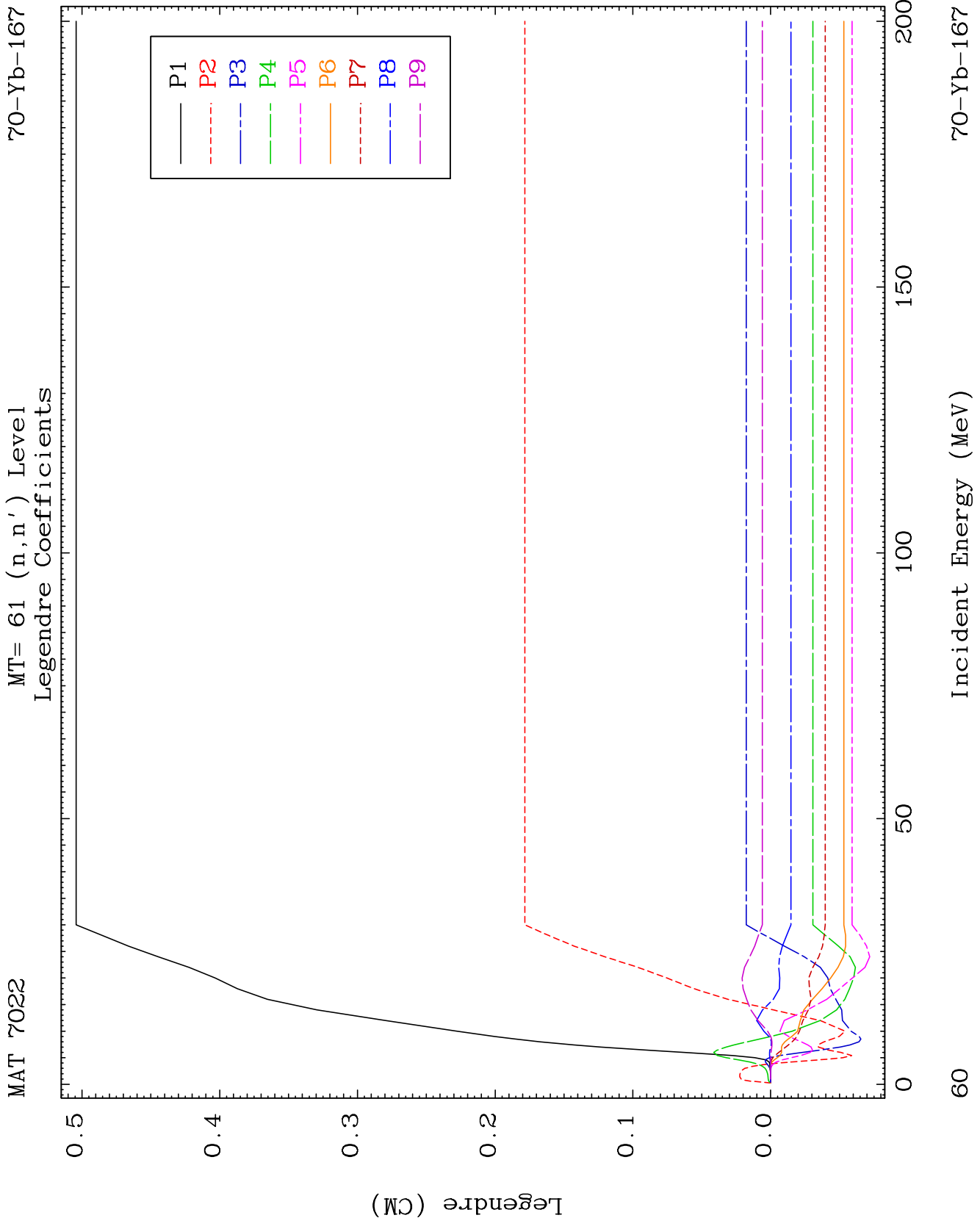
MT= 60 (n,n') Level
Legendre Coefficients

70-Yb-167



59

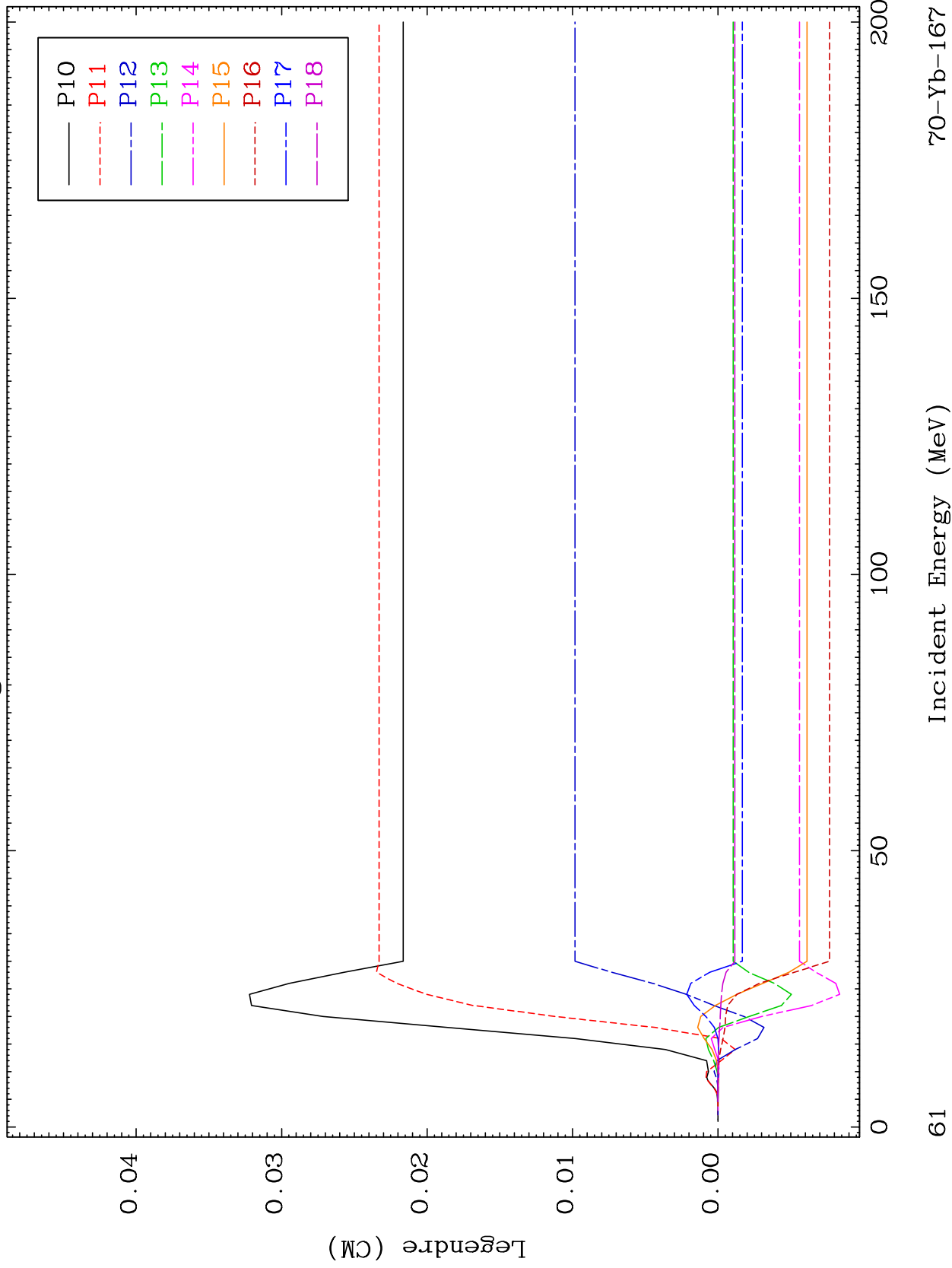
70-Yb-167



MAT 7022

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

70-Yb-167



61

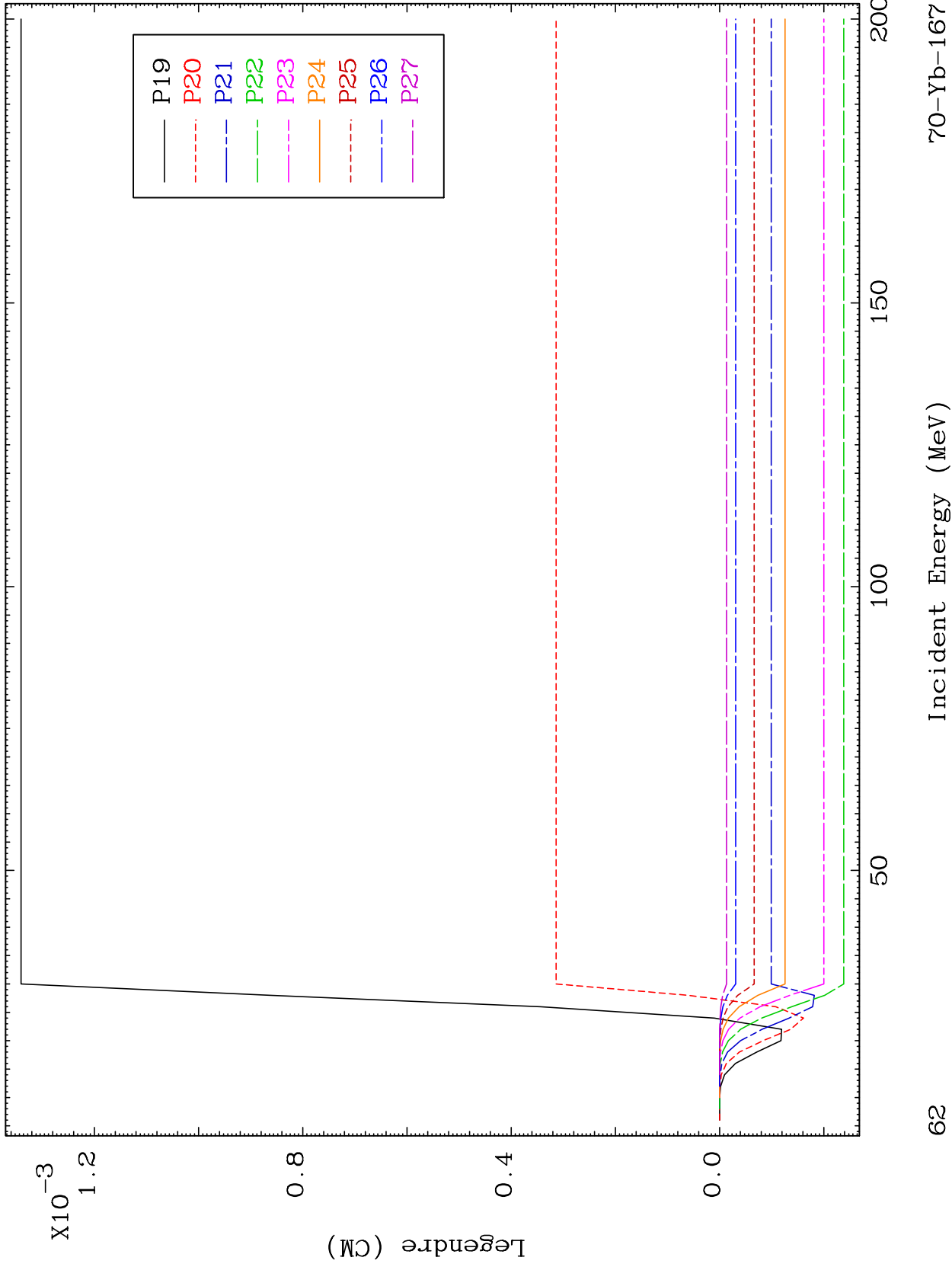
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

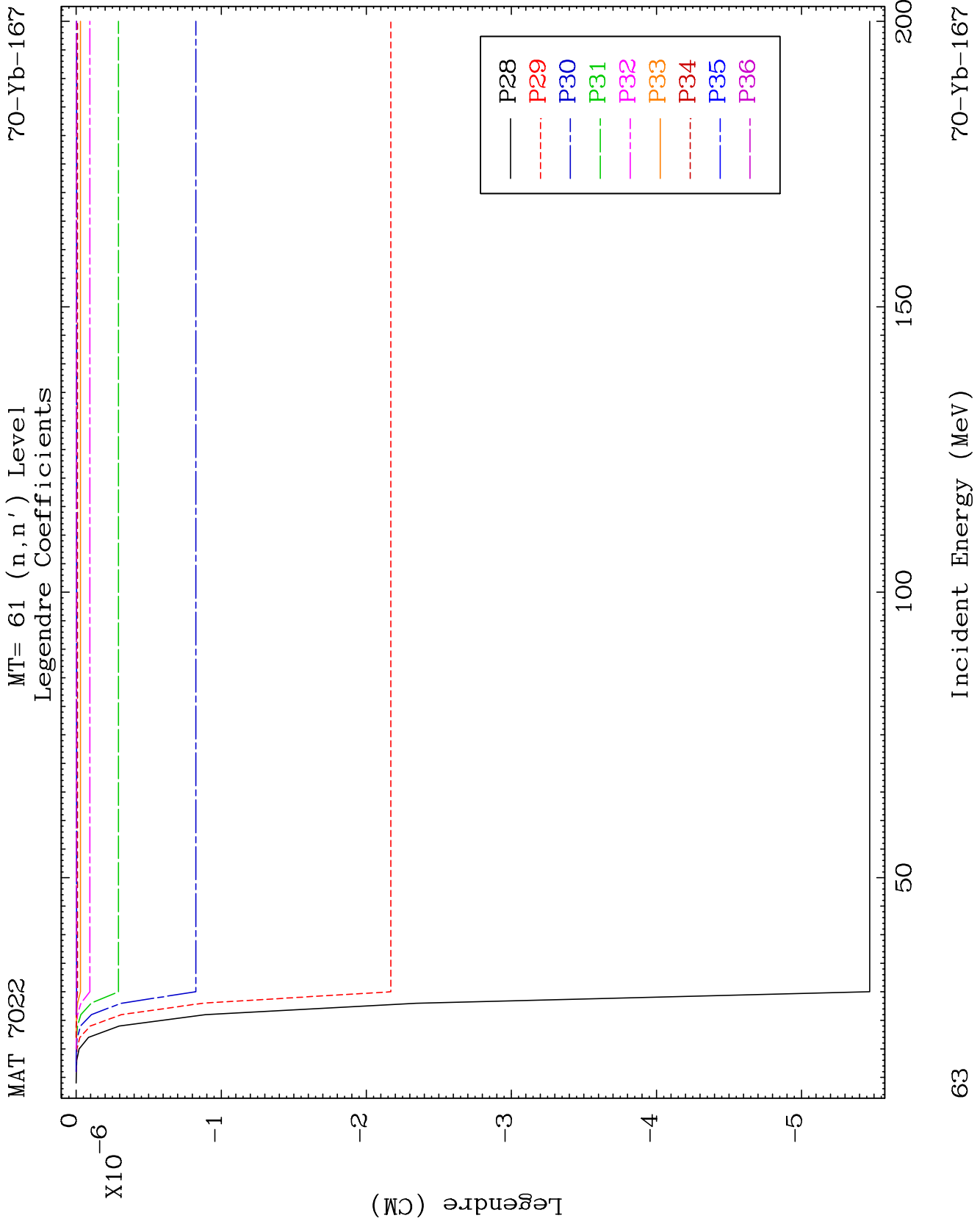
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62

Incident Energy (MeV)

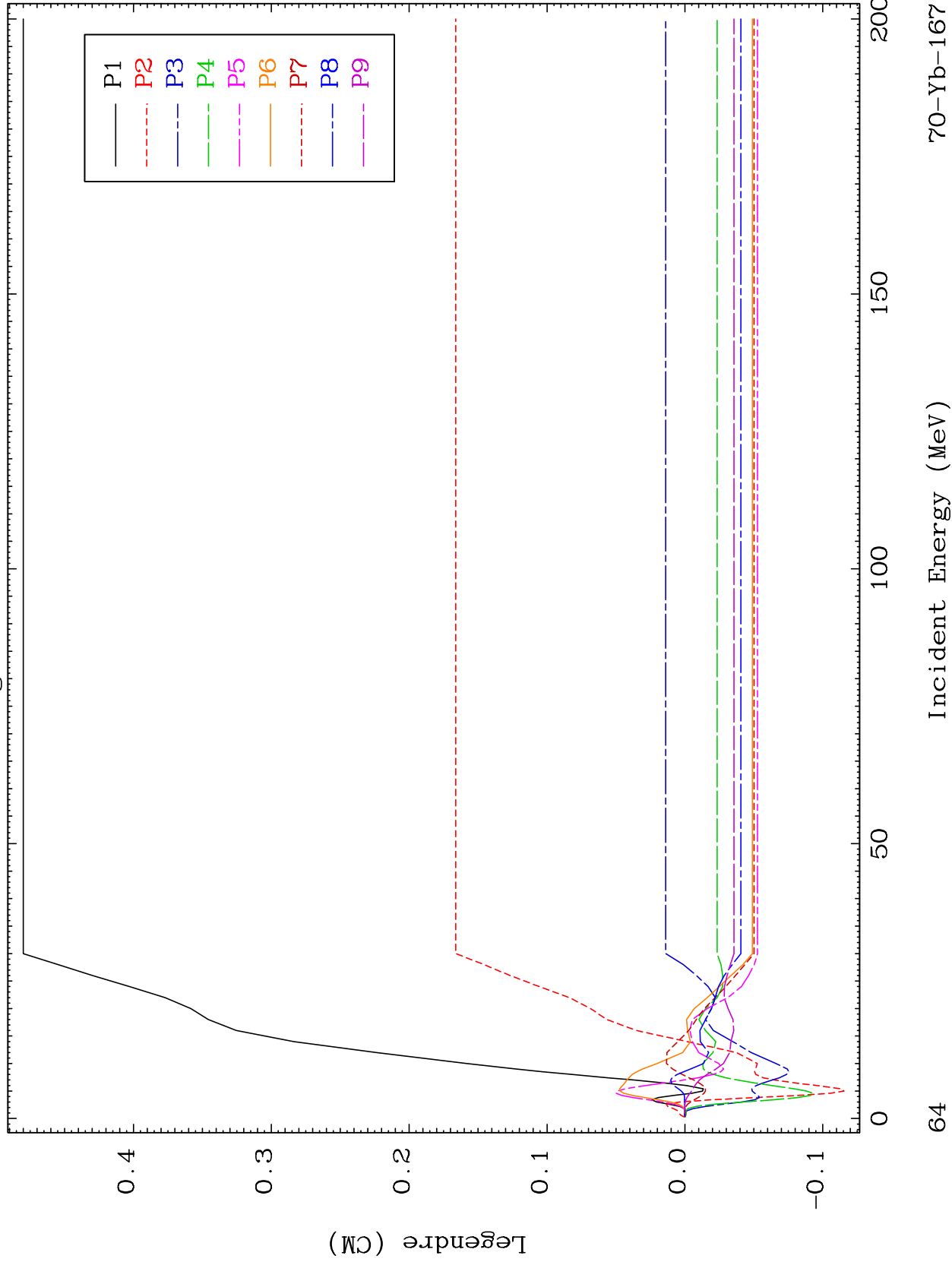
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MAT 7022

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

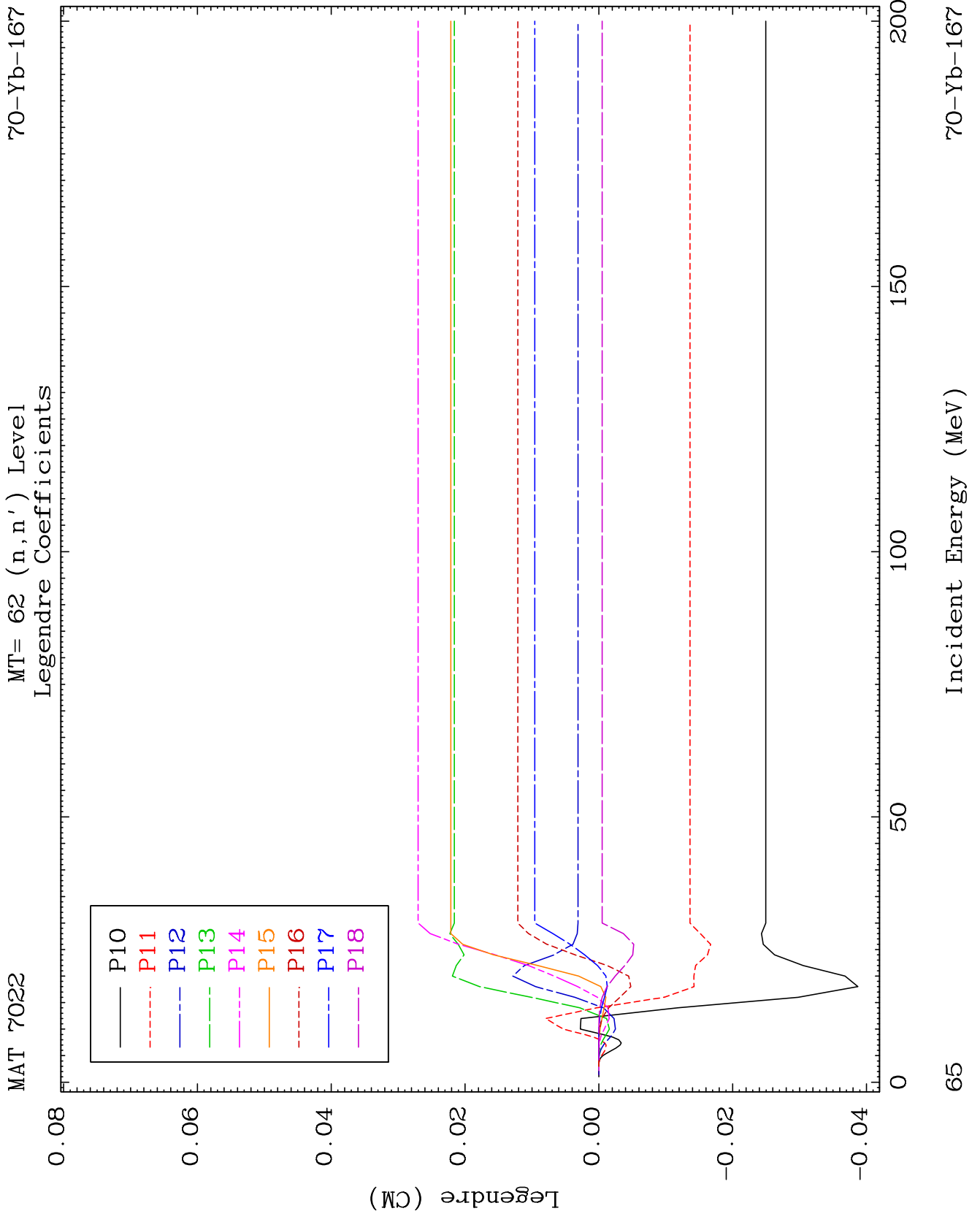
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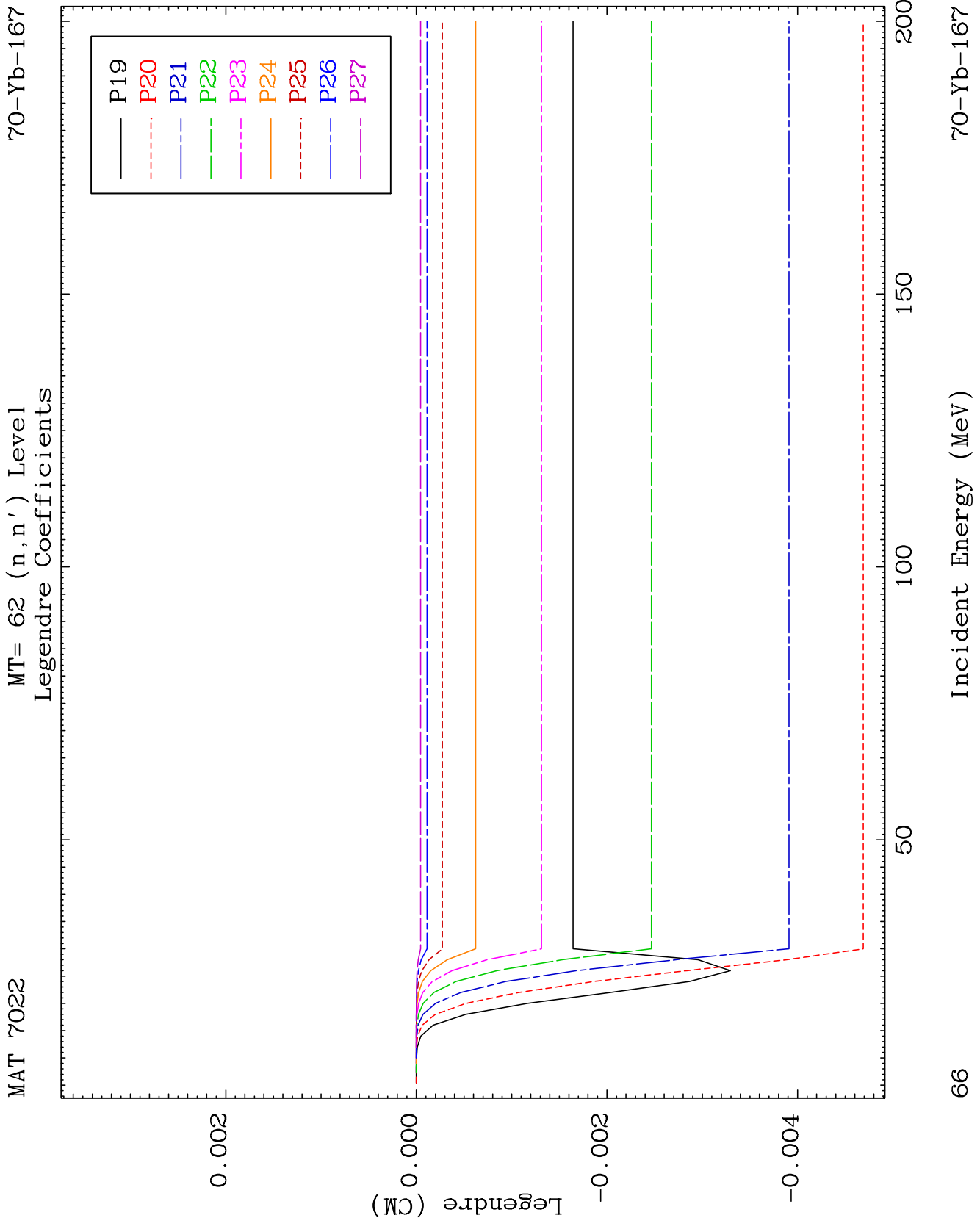


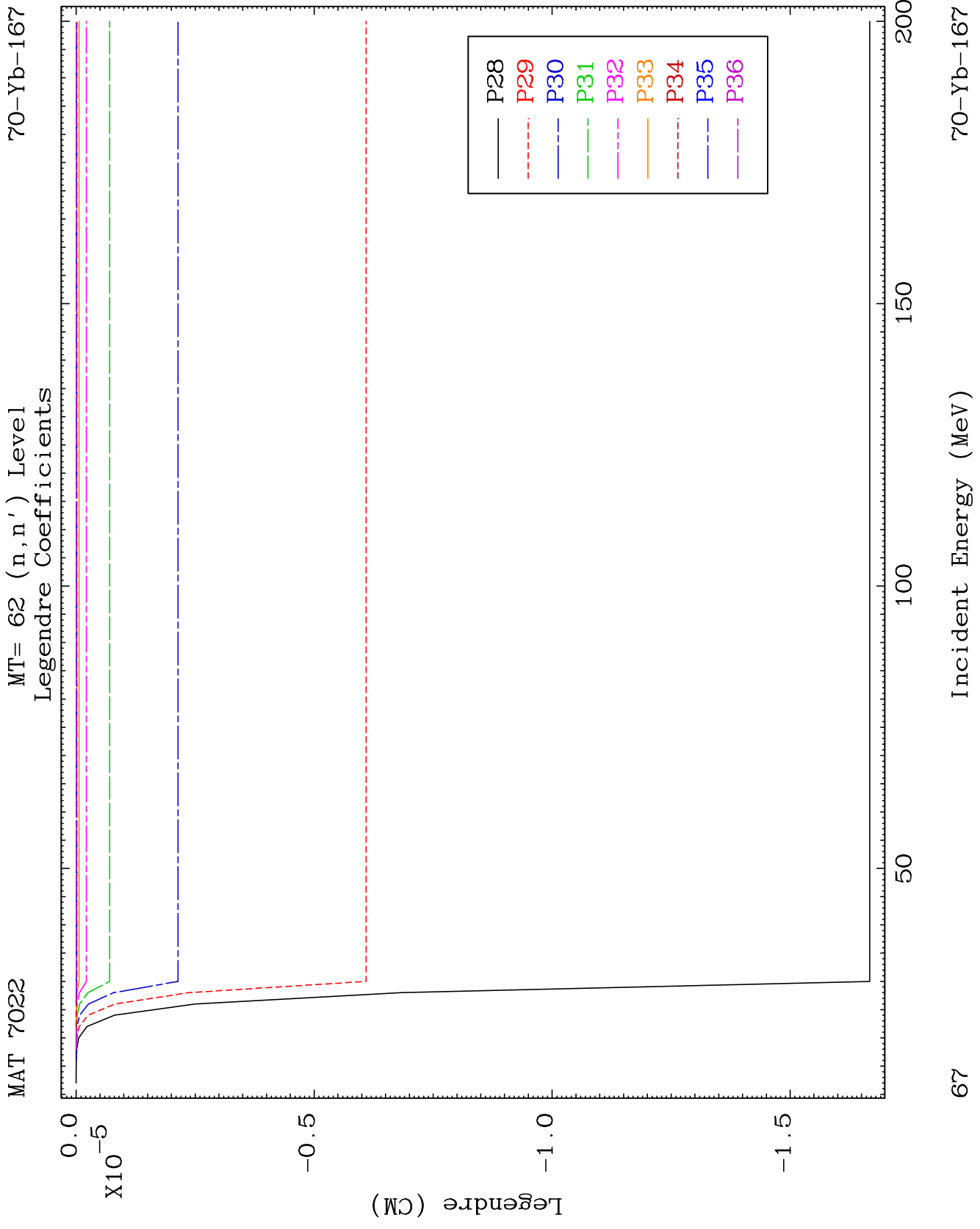
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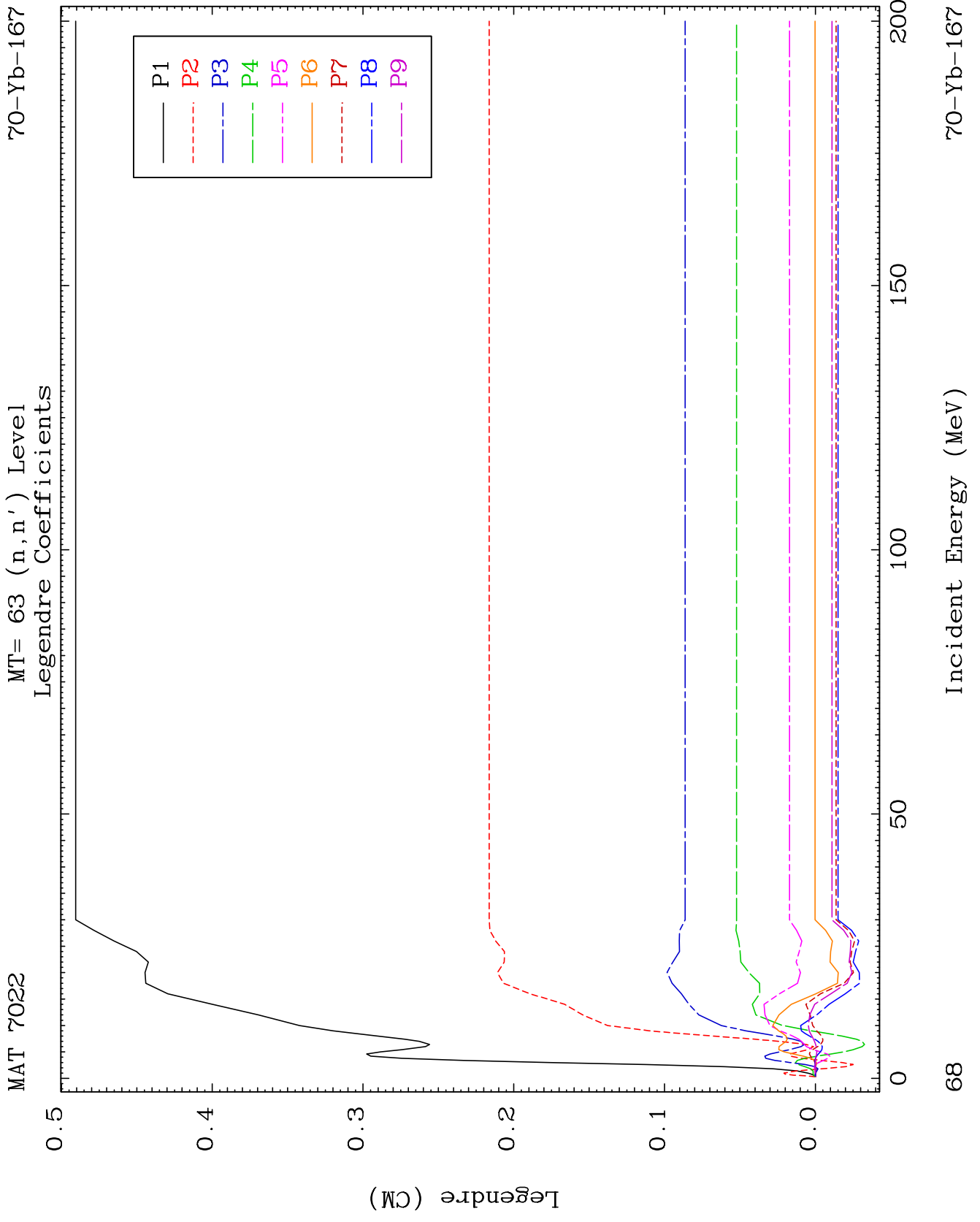
Incident Energy (MeV)

64





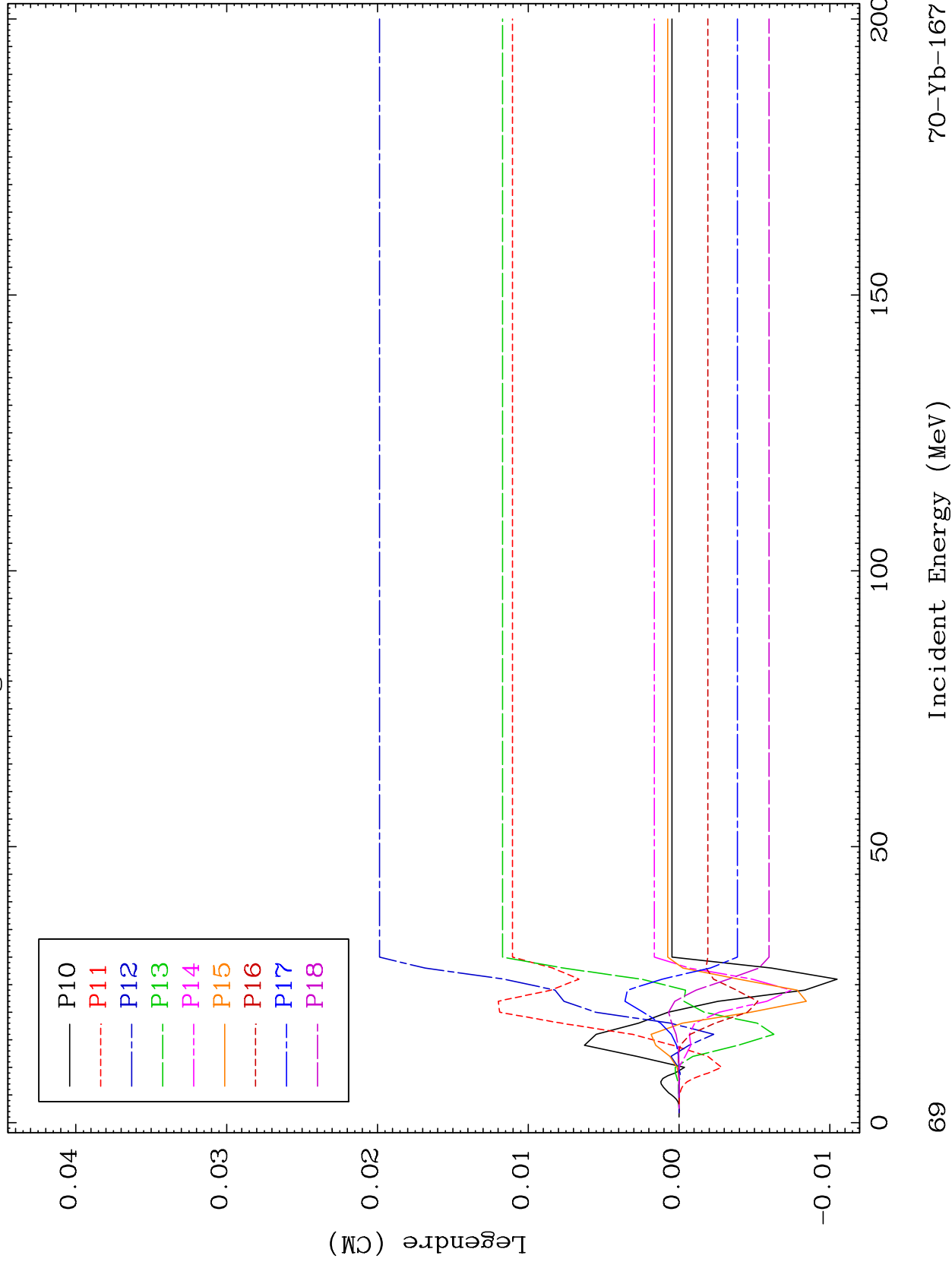




MAT 7022

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

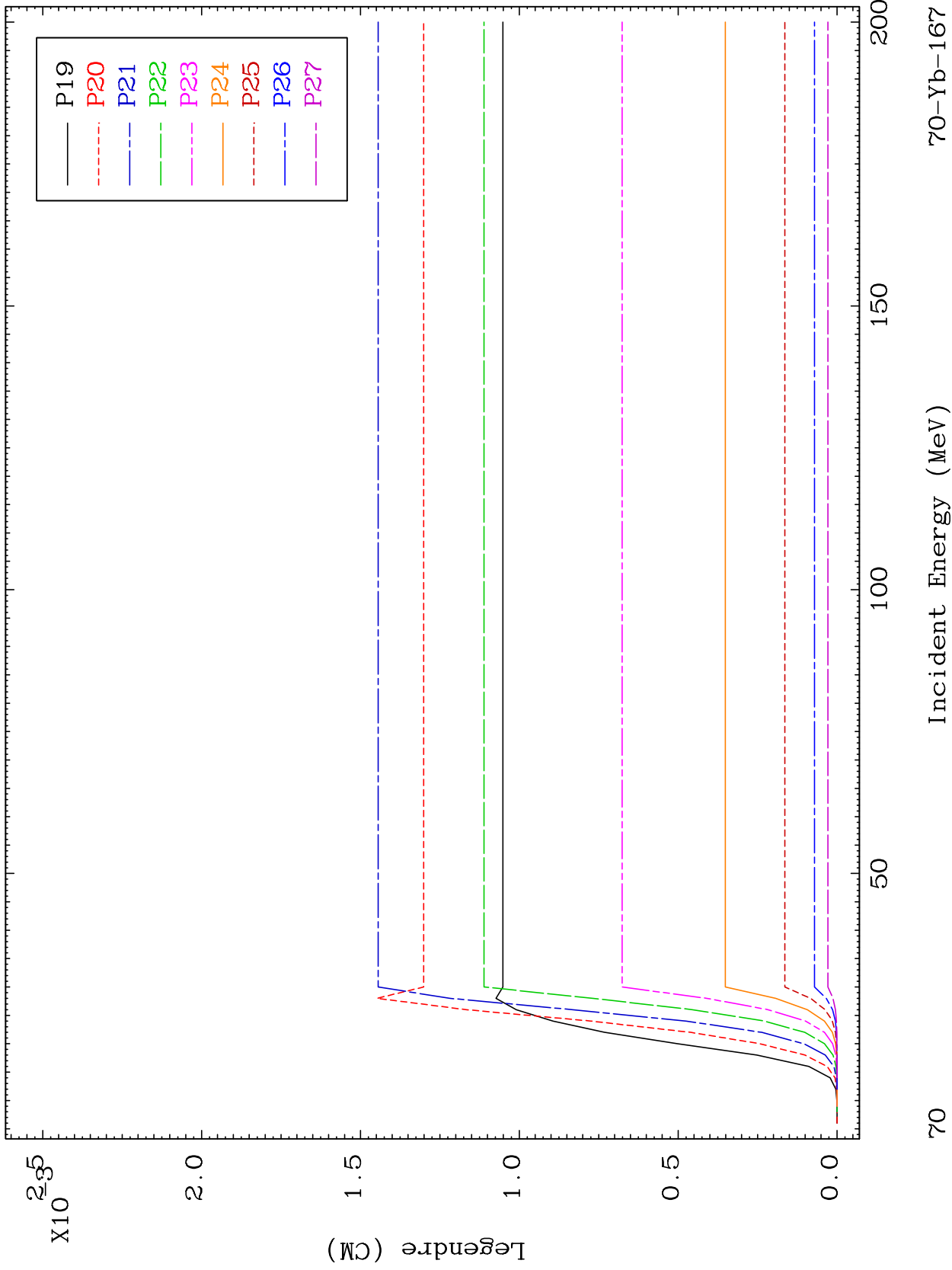
70-Yb-167



MAT 7022

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

70-Yb-167



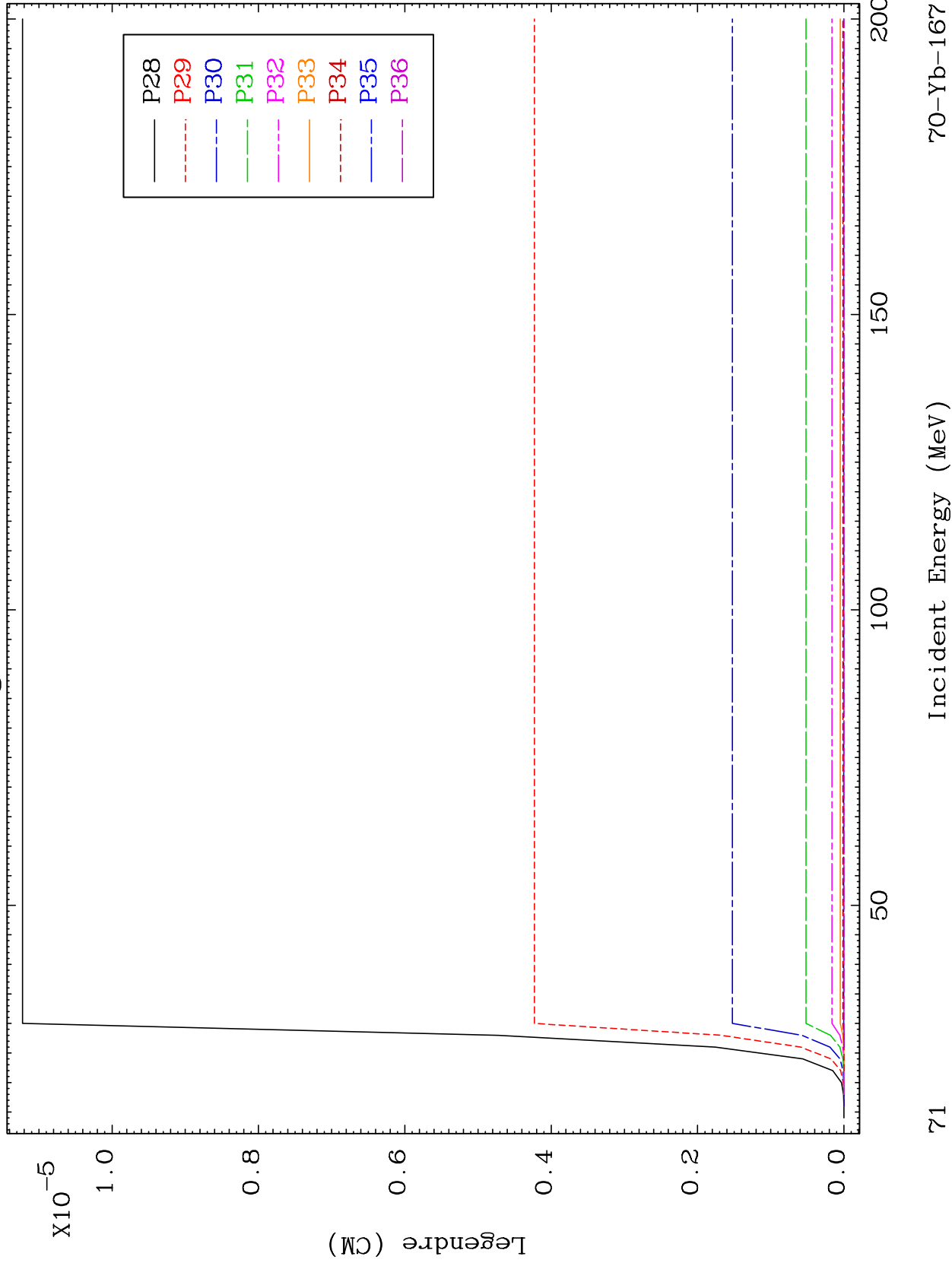
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70-Yb-167

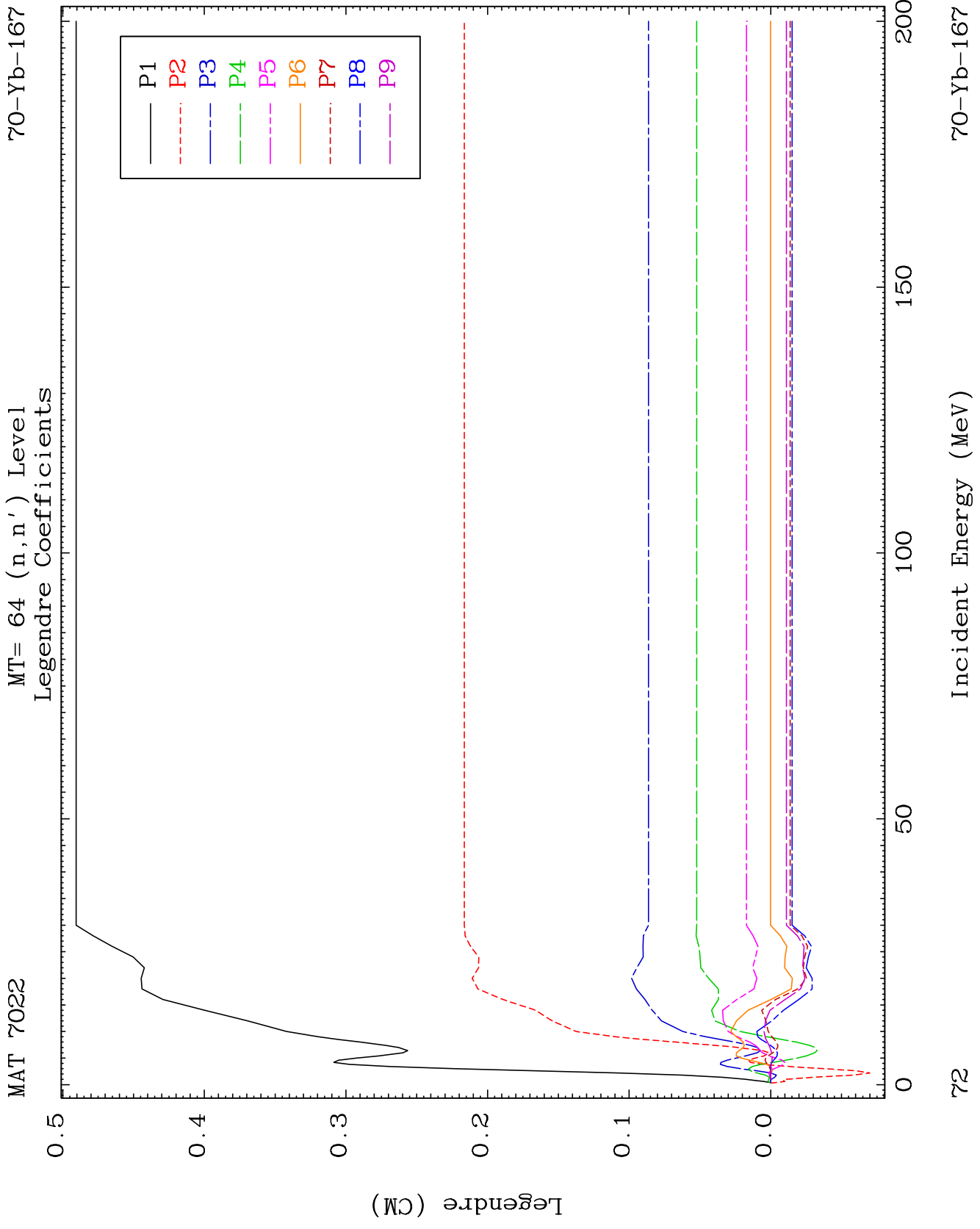
MAT 7022

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

70-Yb-167



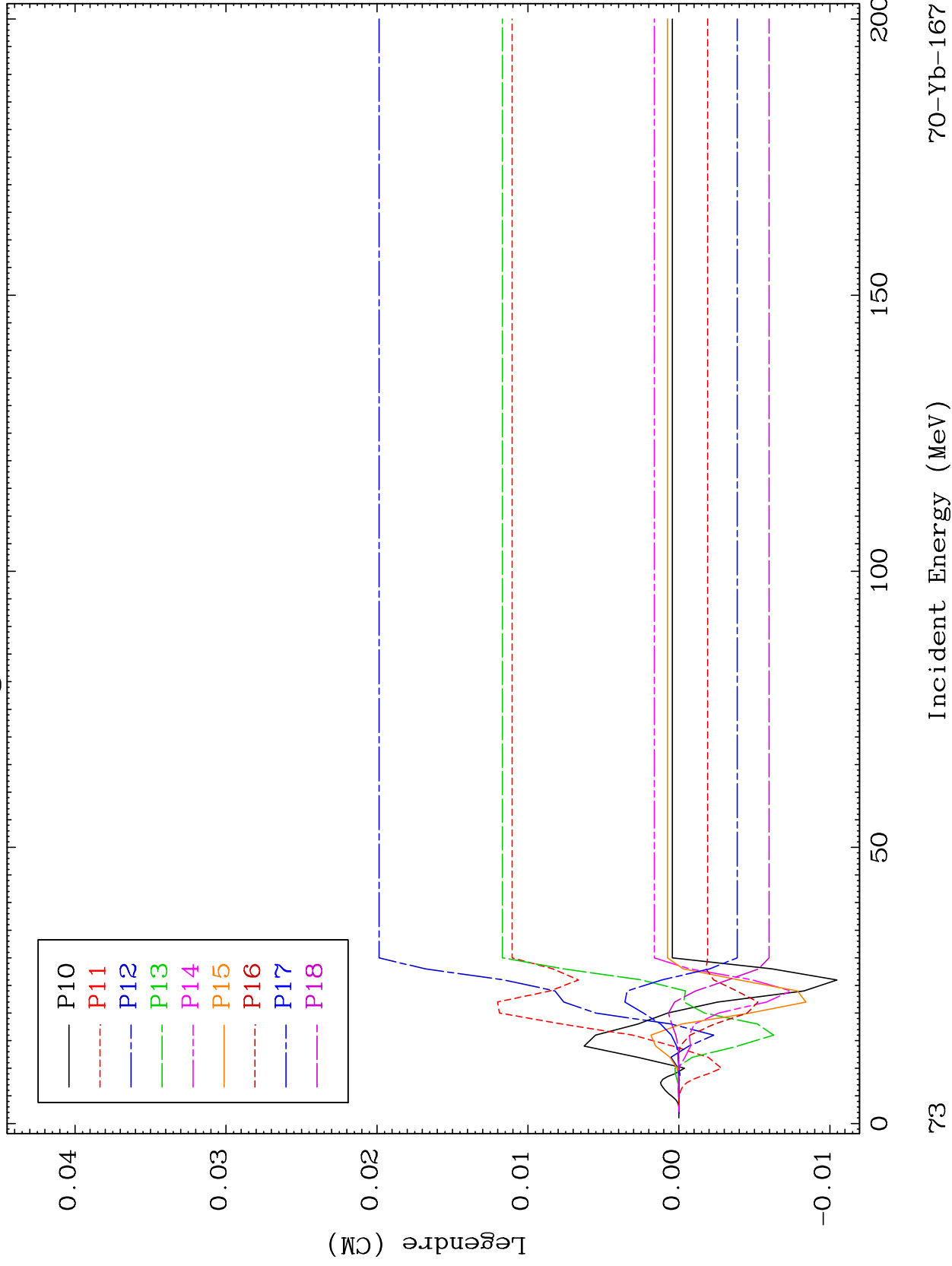
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MAT 7022

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

70-Yb-167



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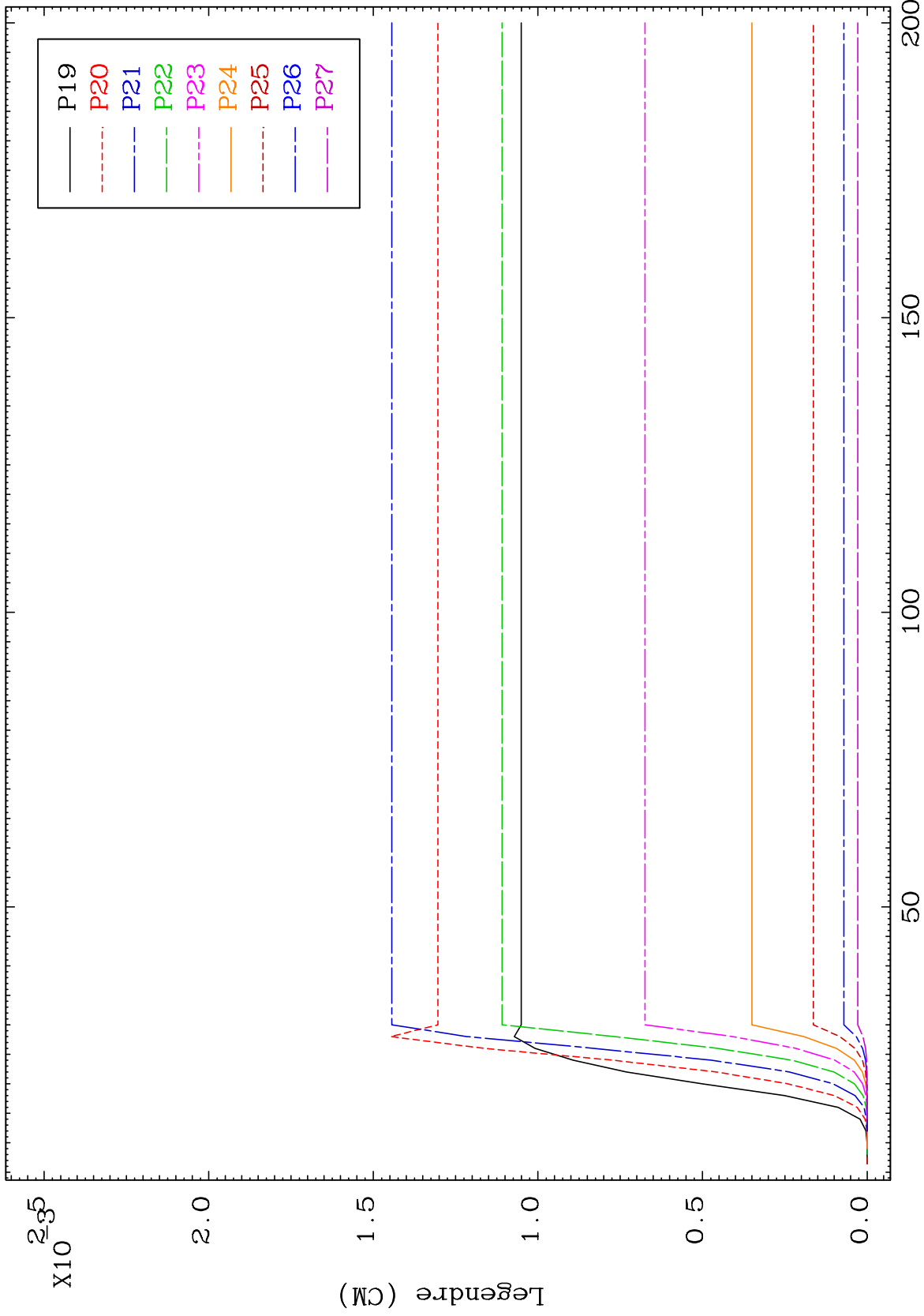
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

70-Yb-167



74

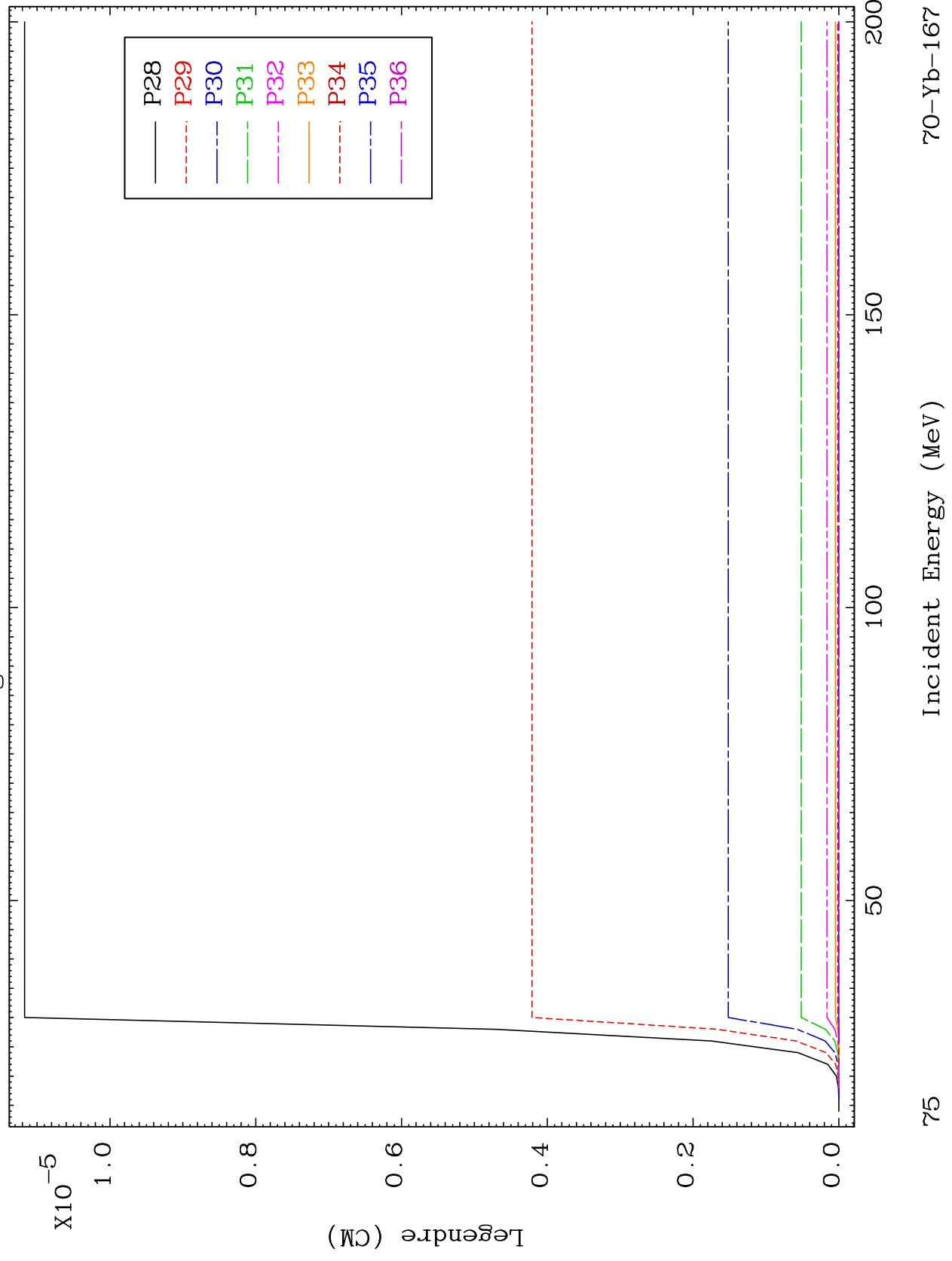
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

70-Yb-167



70-Yb-167

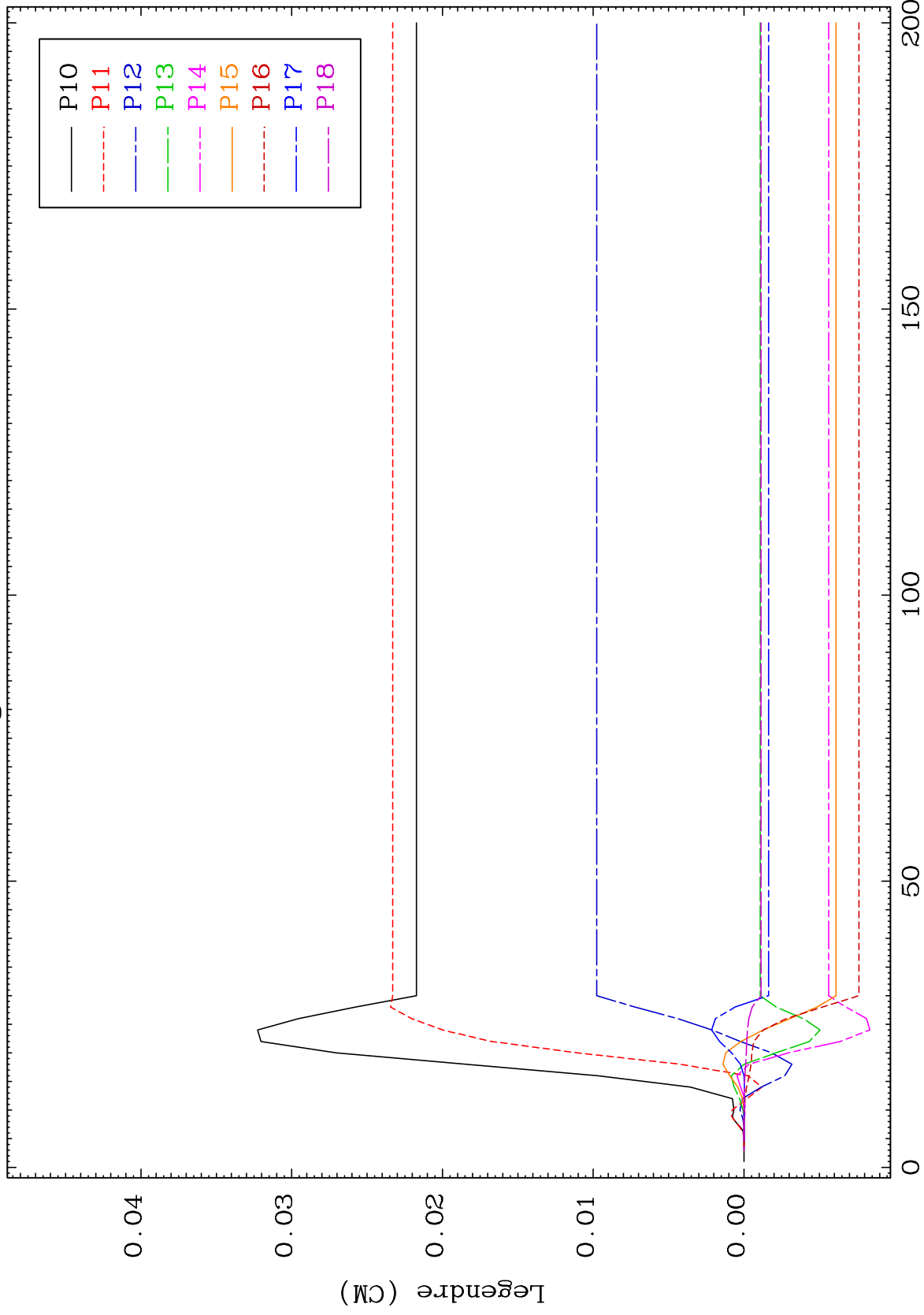
Incident Energy (MeV)

75

MAT 7022

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

70-Yb-167



77

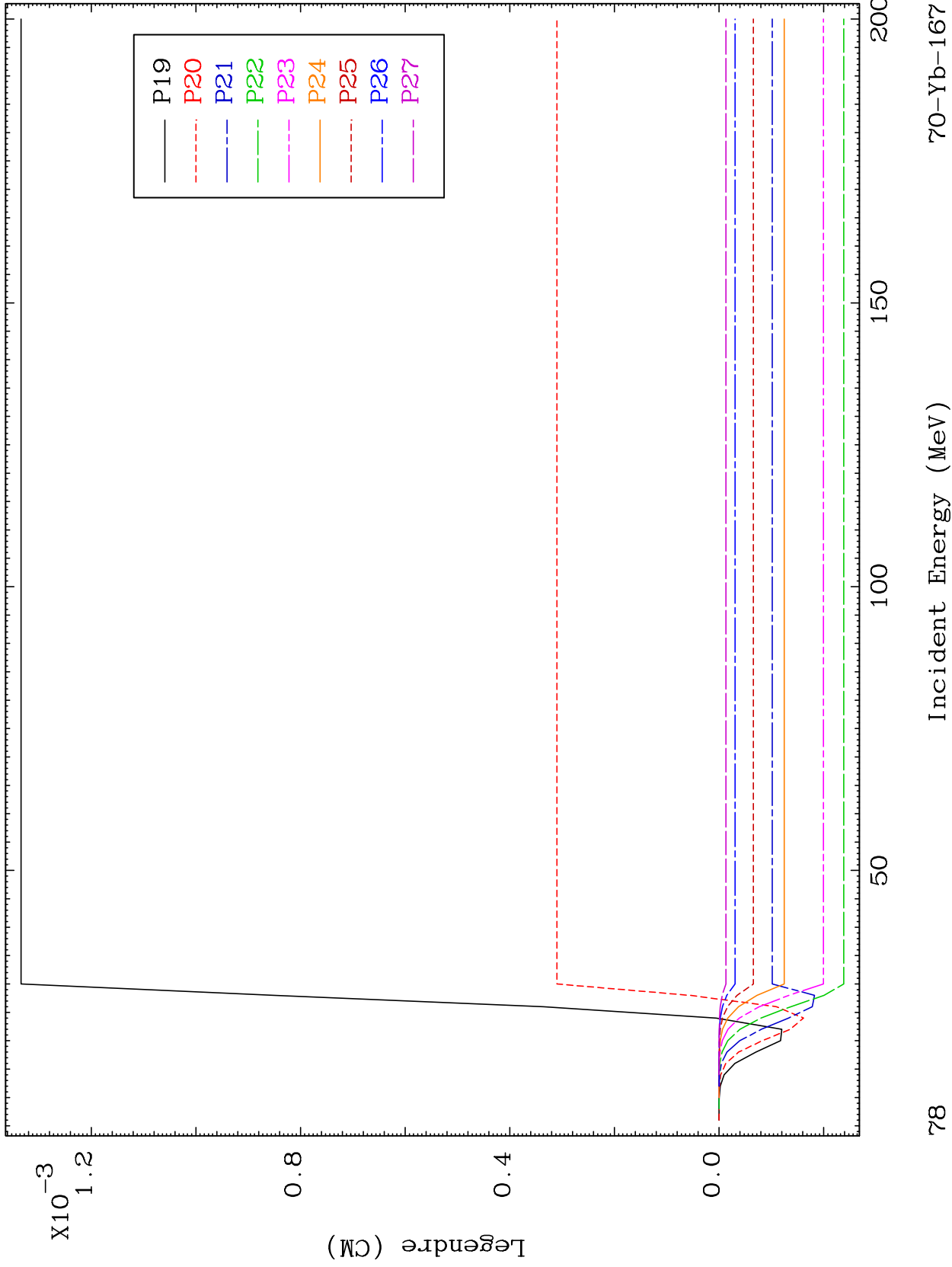
Incident Energy (MeV)

70-Yb-167

MAT 7022

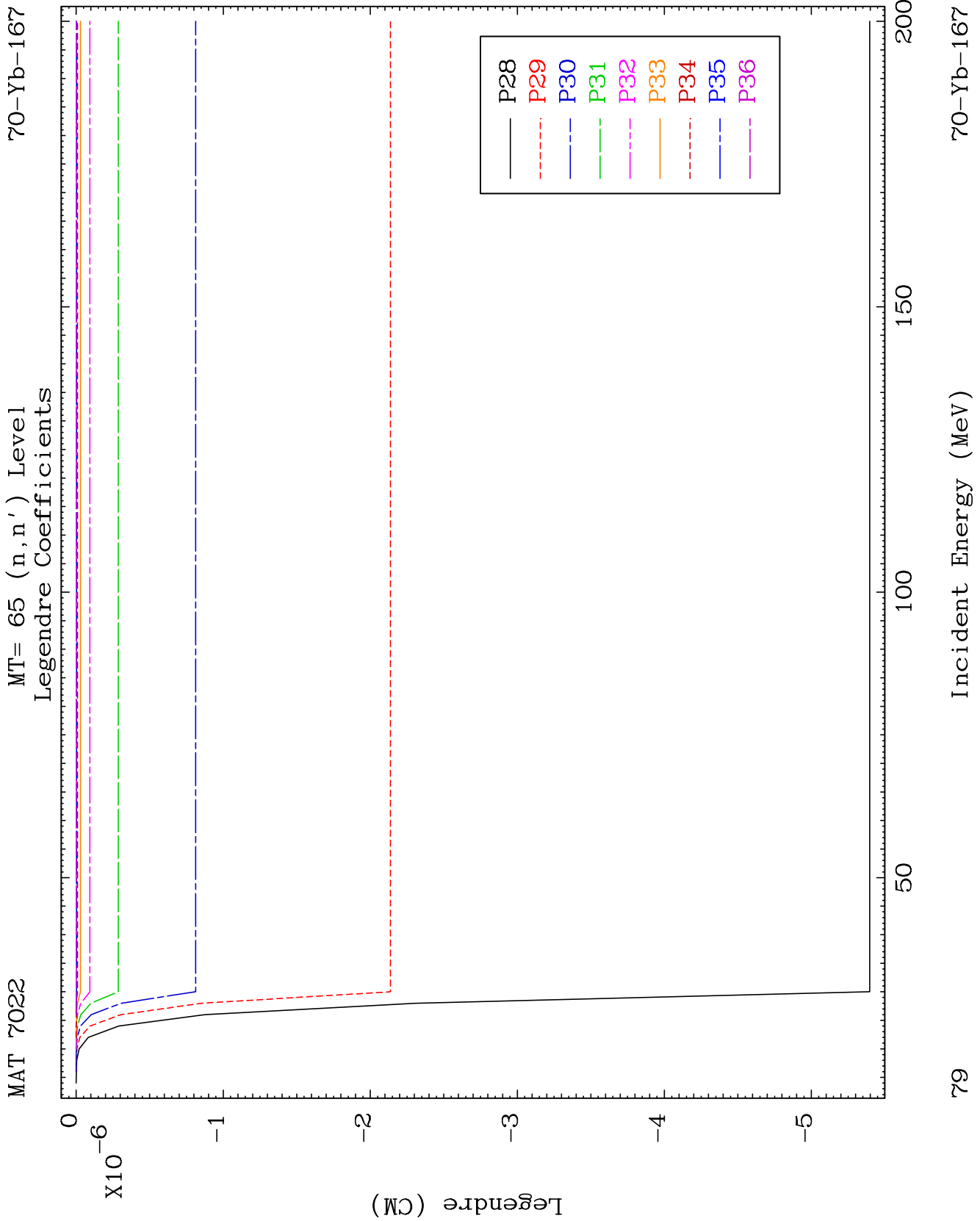
MT= 65 (n,n') Level
Legendre Coefficients

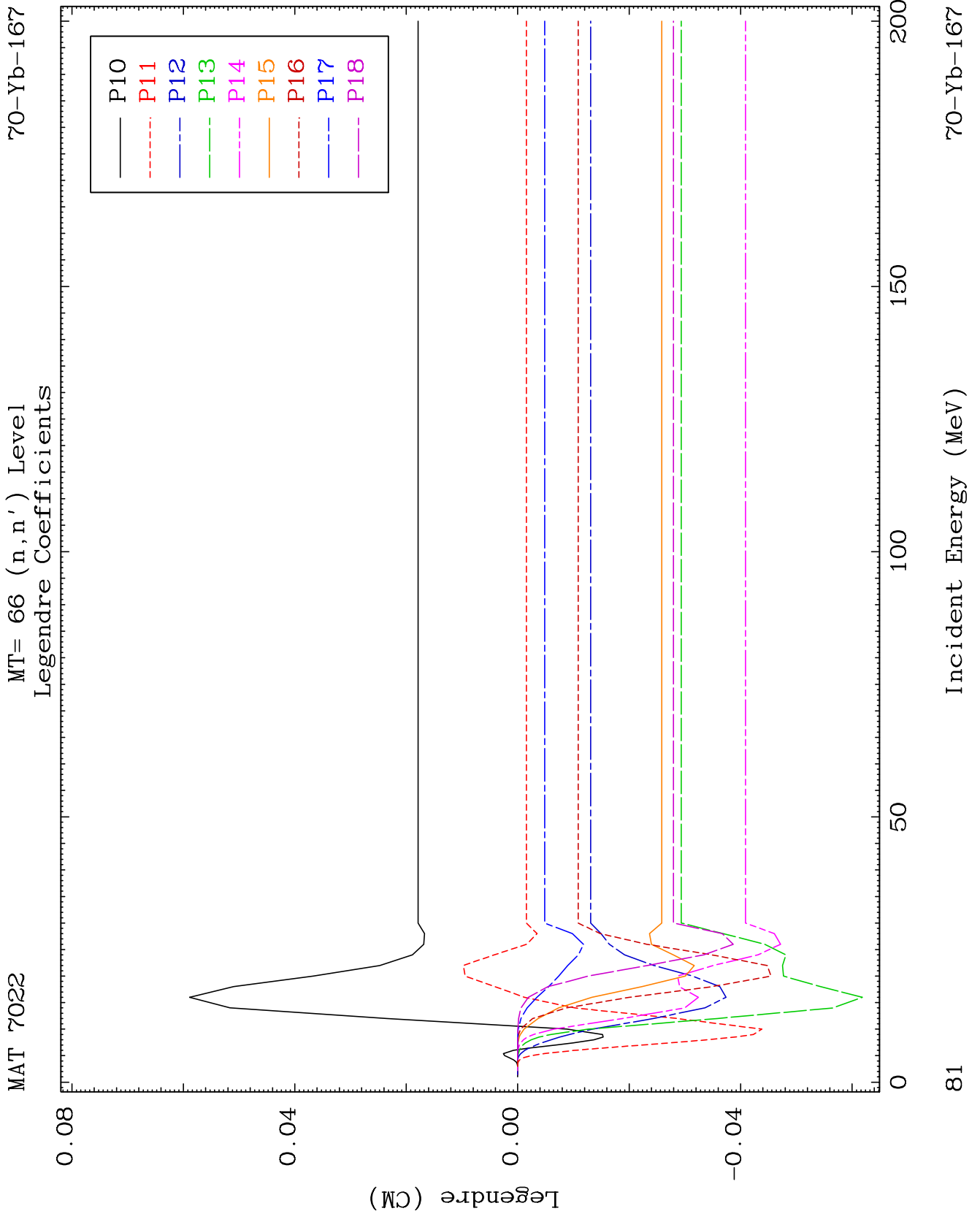
70-Yb-167

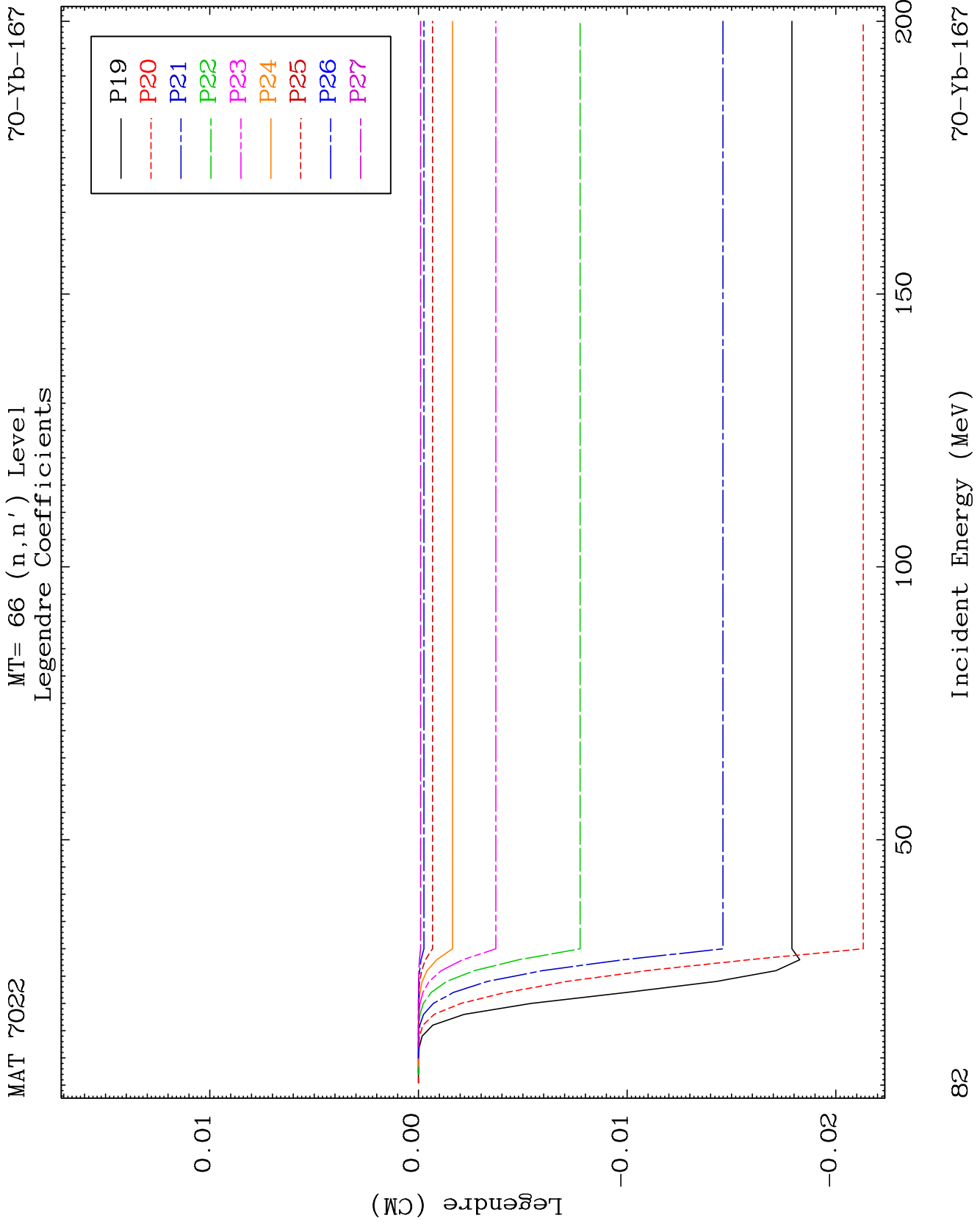


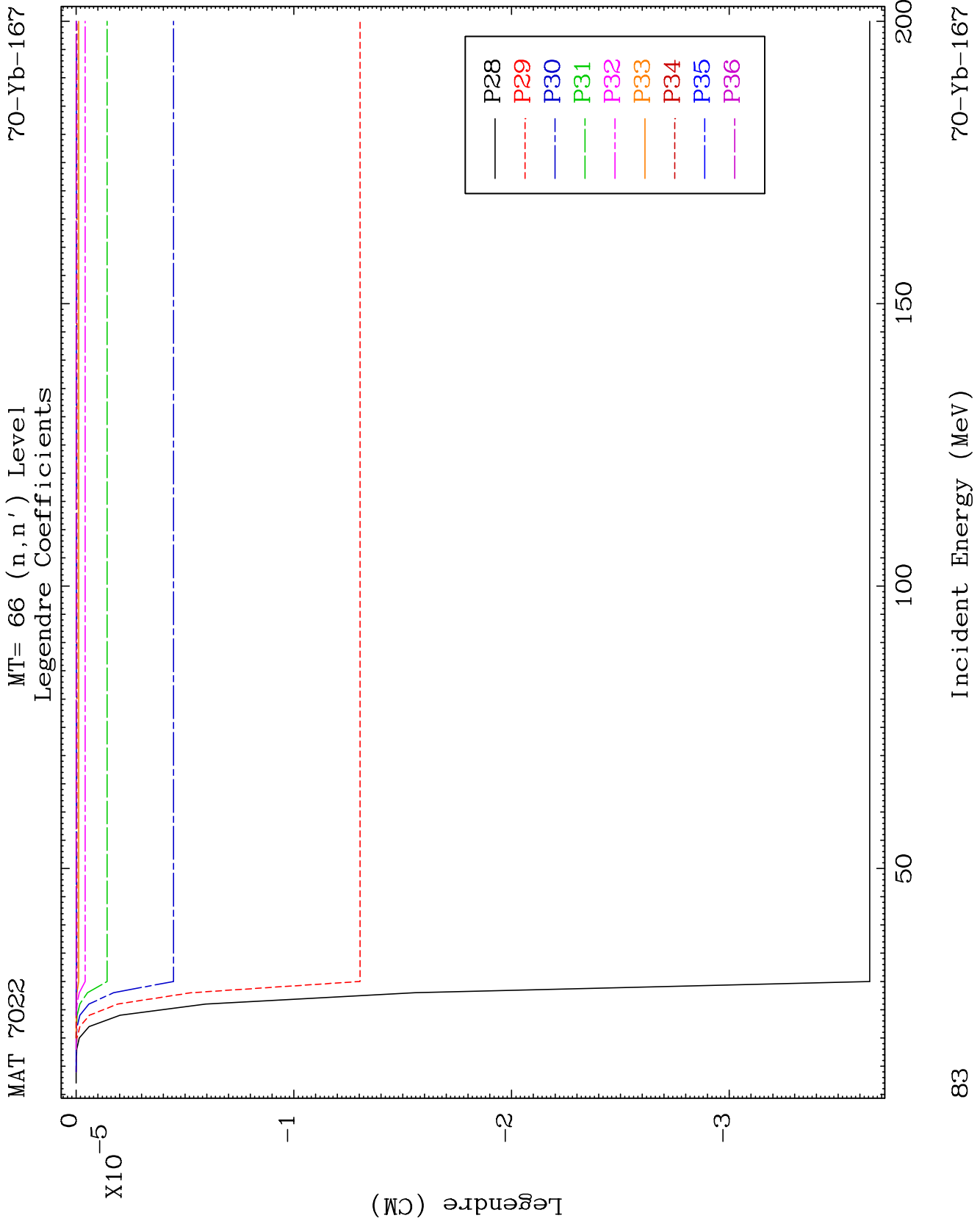
78

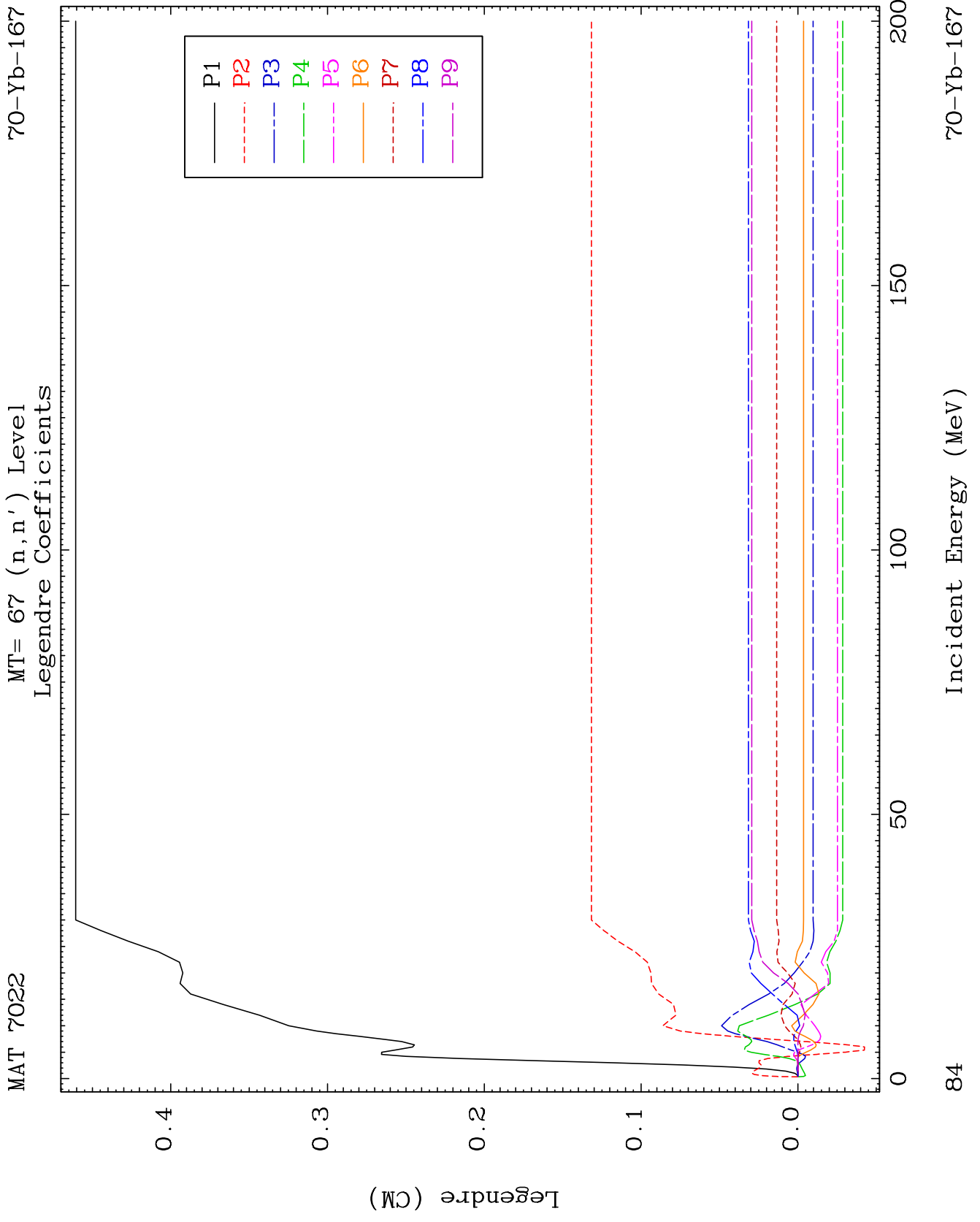
70-Yb-167

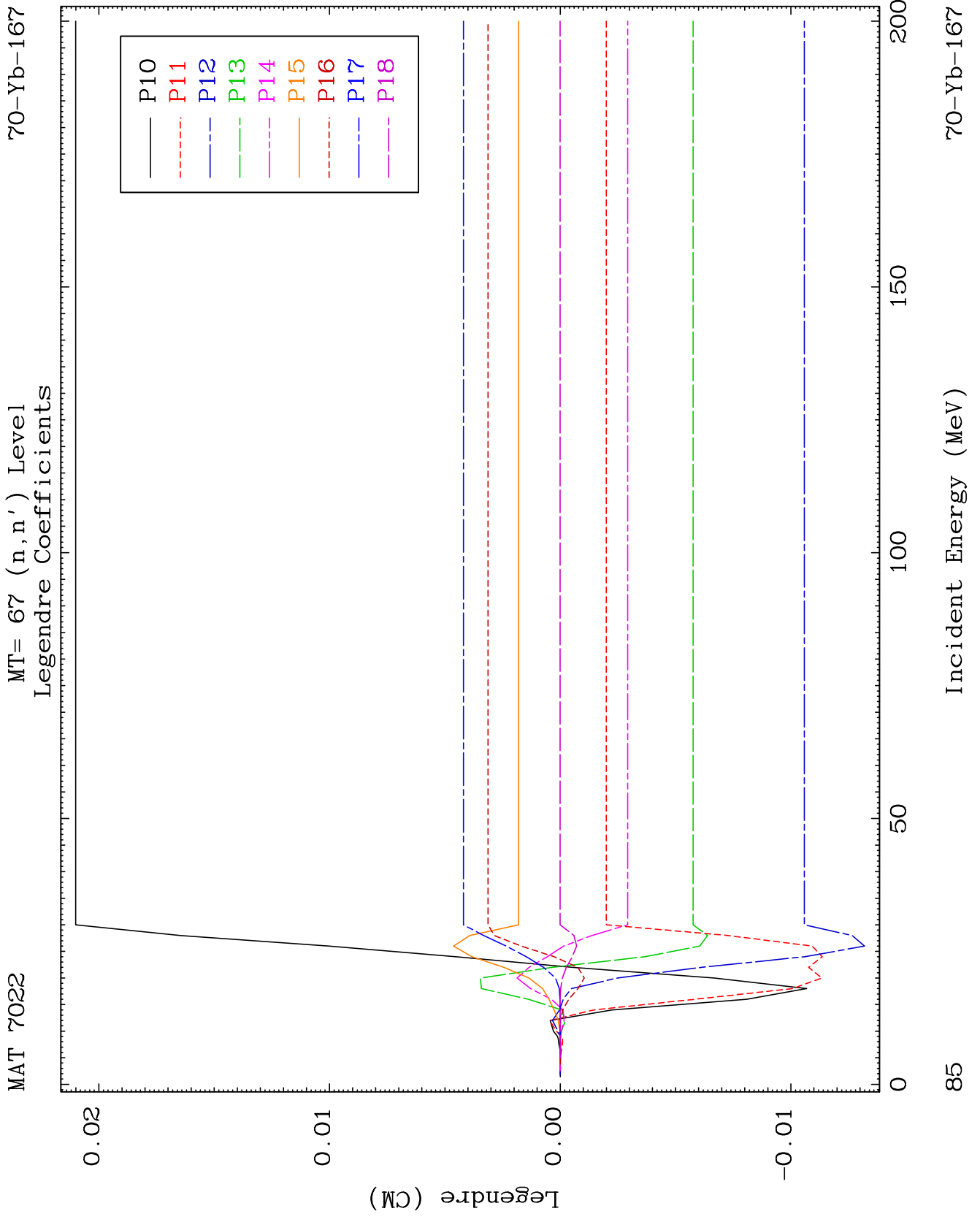


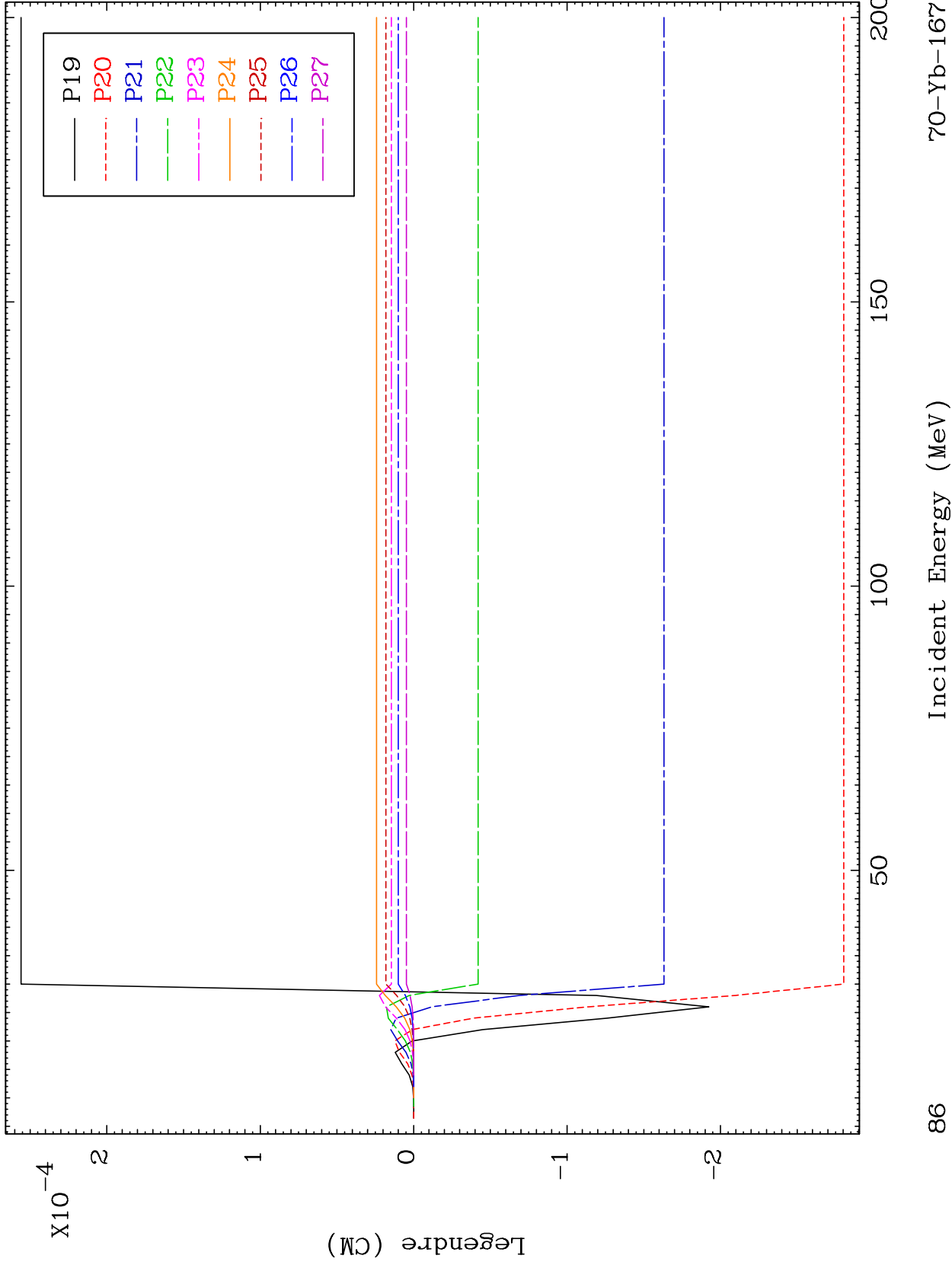








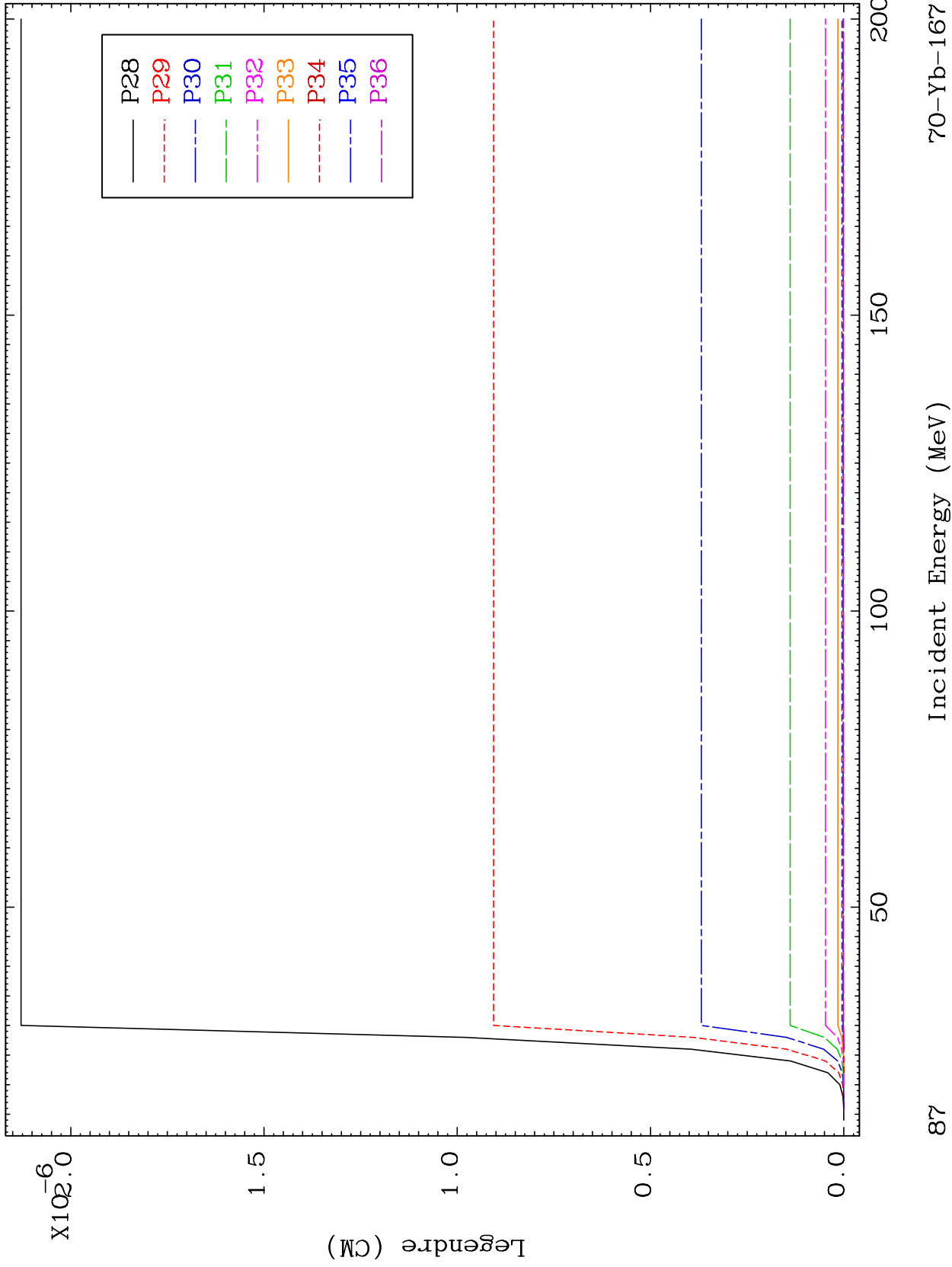




MAT 7022

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

70-Yb-167



87

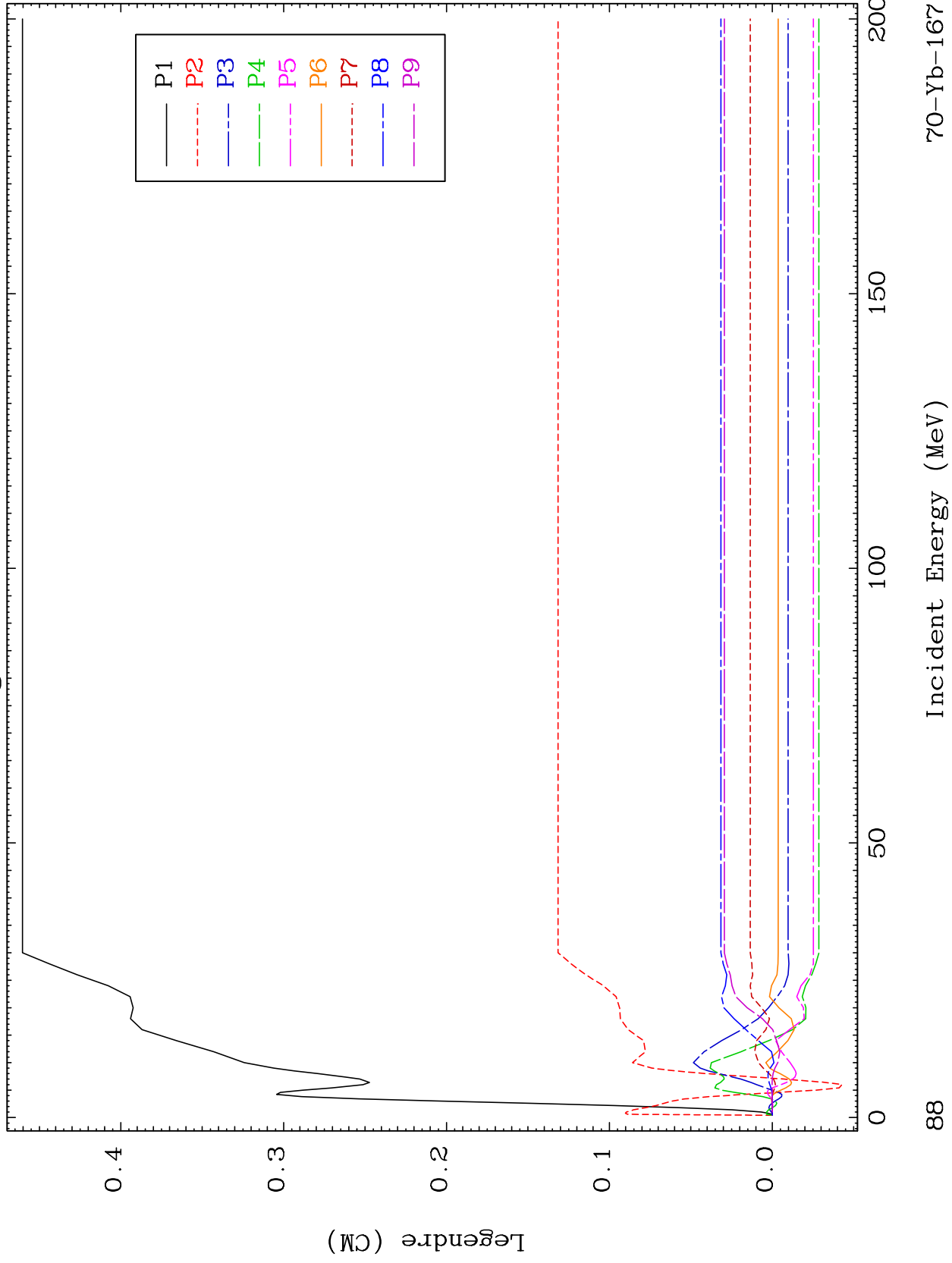
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

70-Yb-167



88

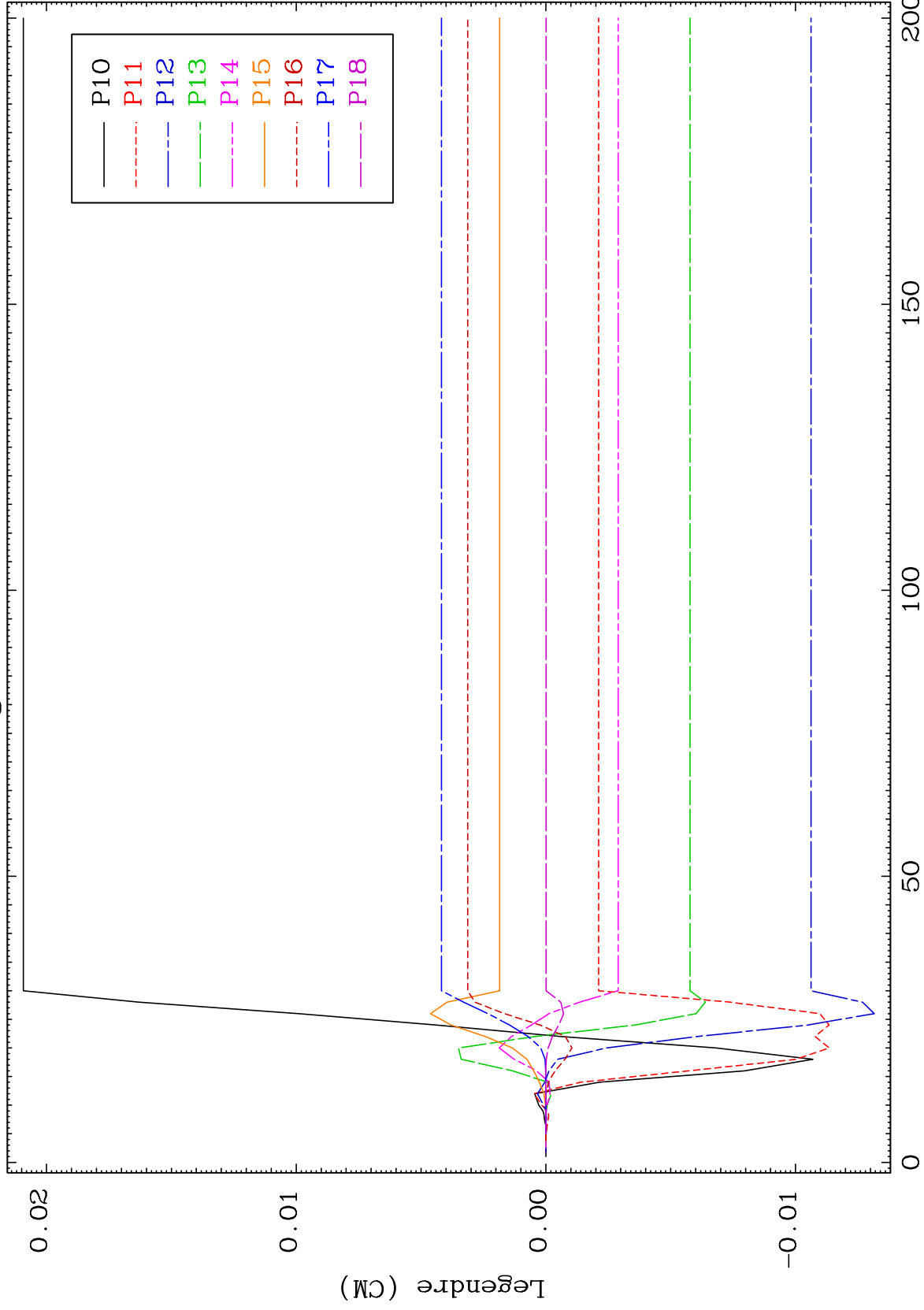
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

70-Yb-167



89

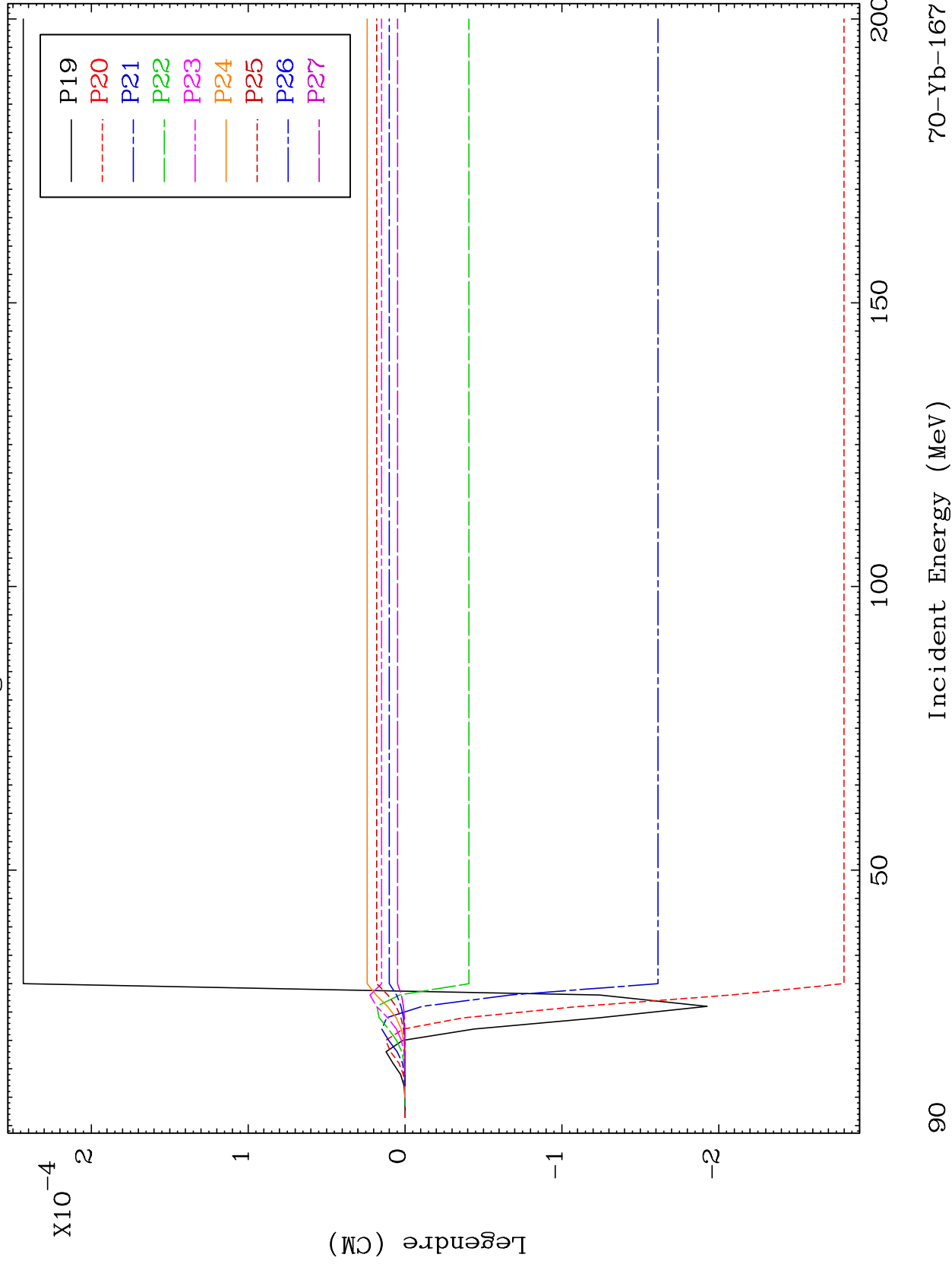
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

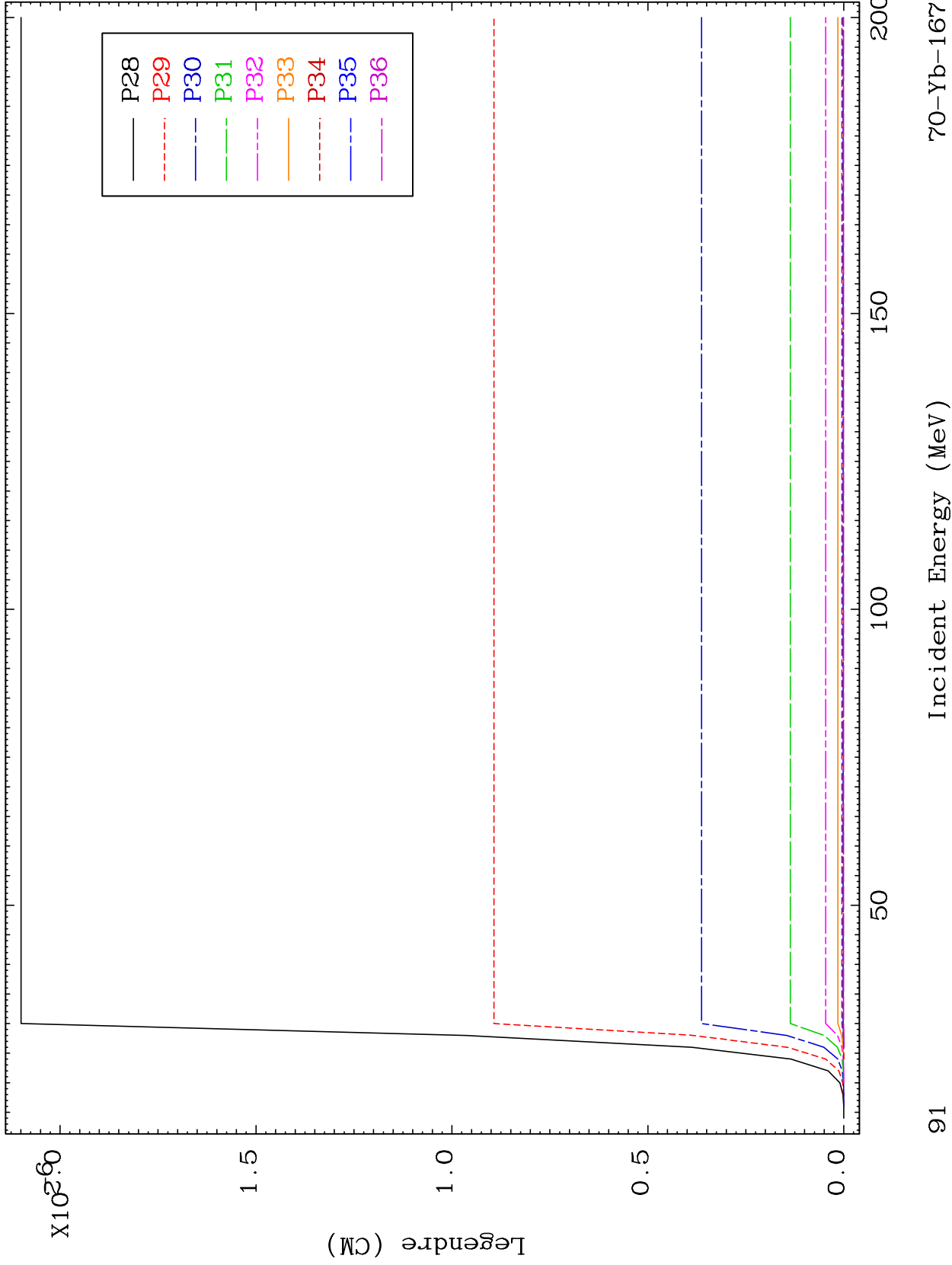
70-Yb-167



MAT 7022

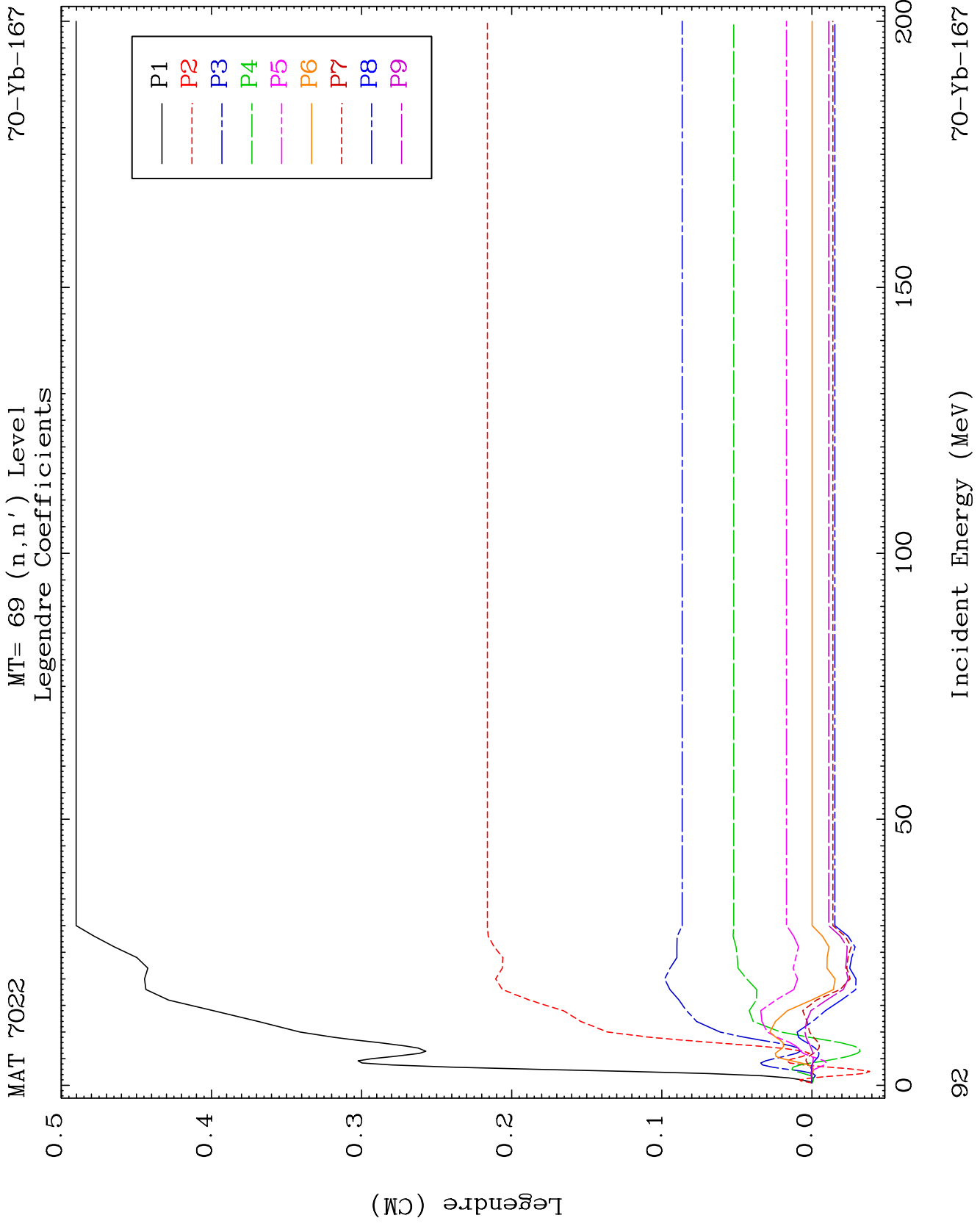
MT= 68 (n,n') Level
Legendre Coefficients

70-Yb-167



91

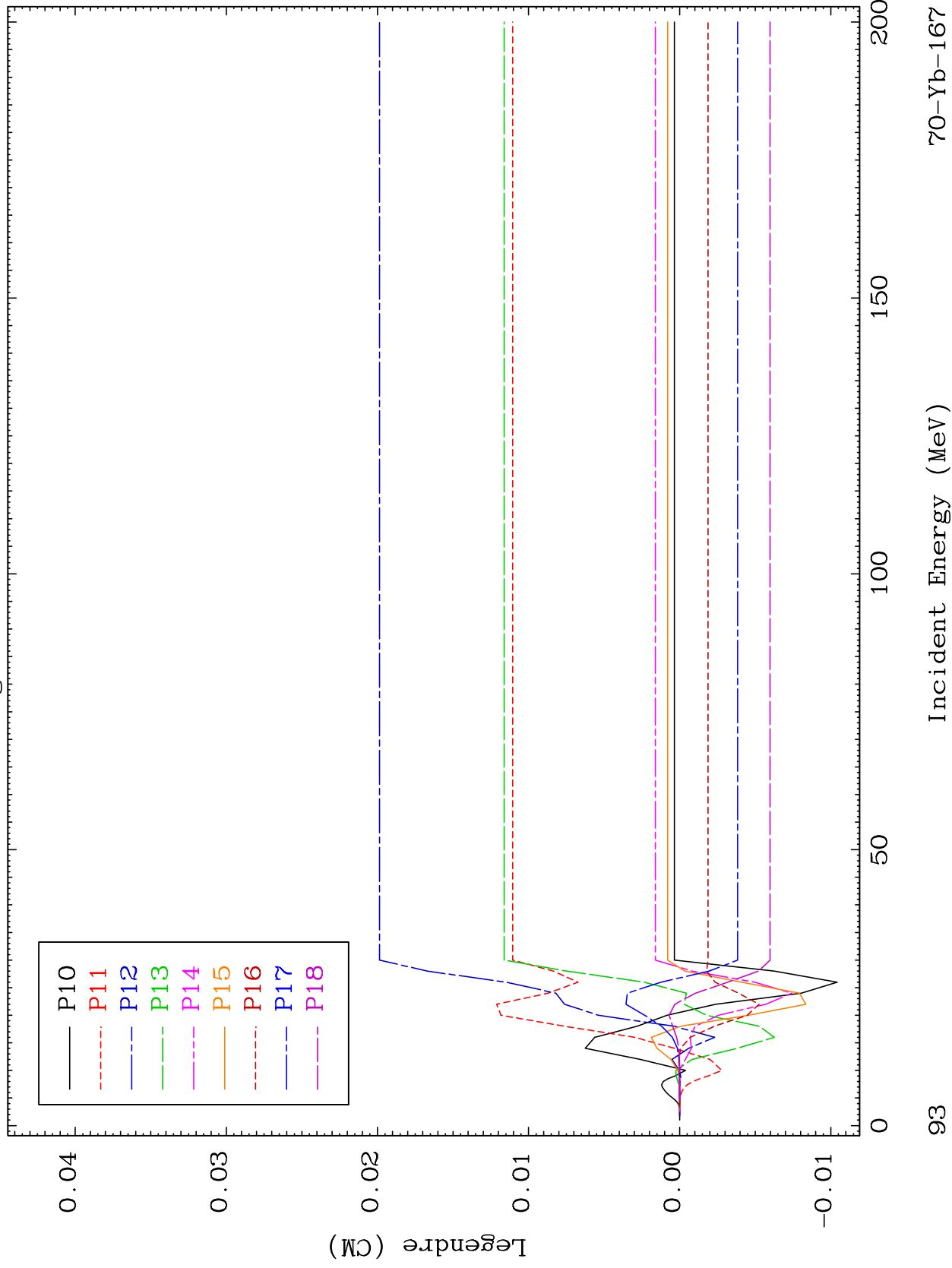
70-Yb-167



MAT 7022

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

70-Yb-167



93

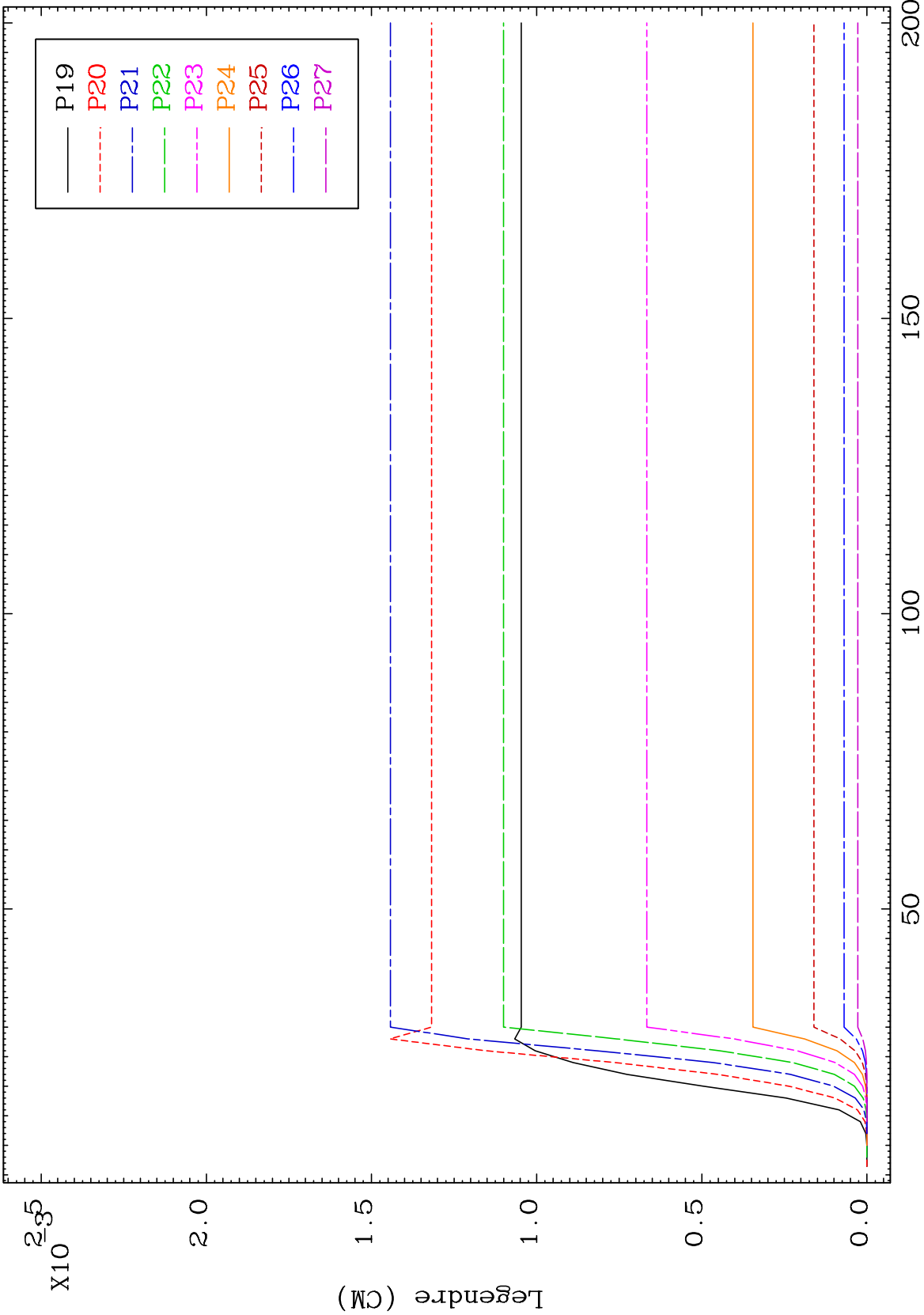
Incident Energy (MeV)

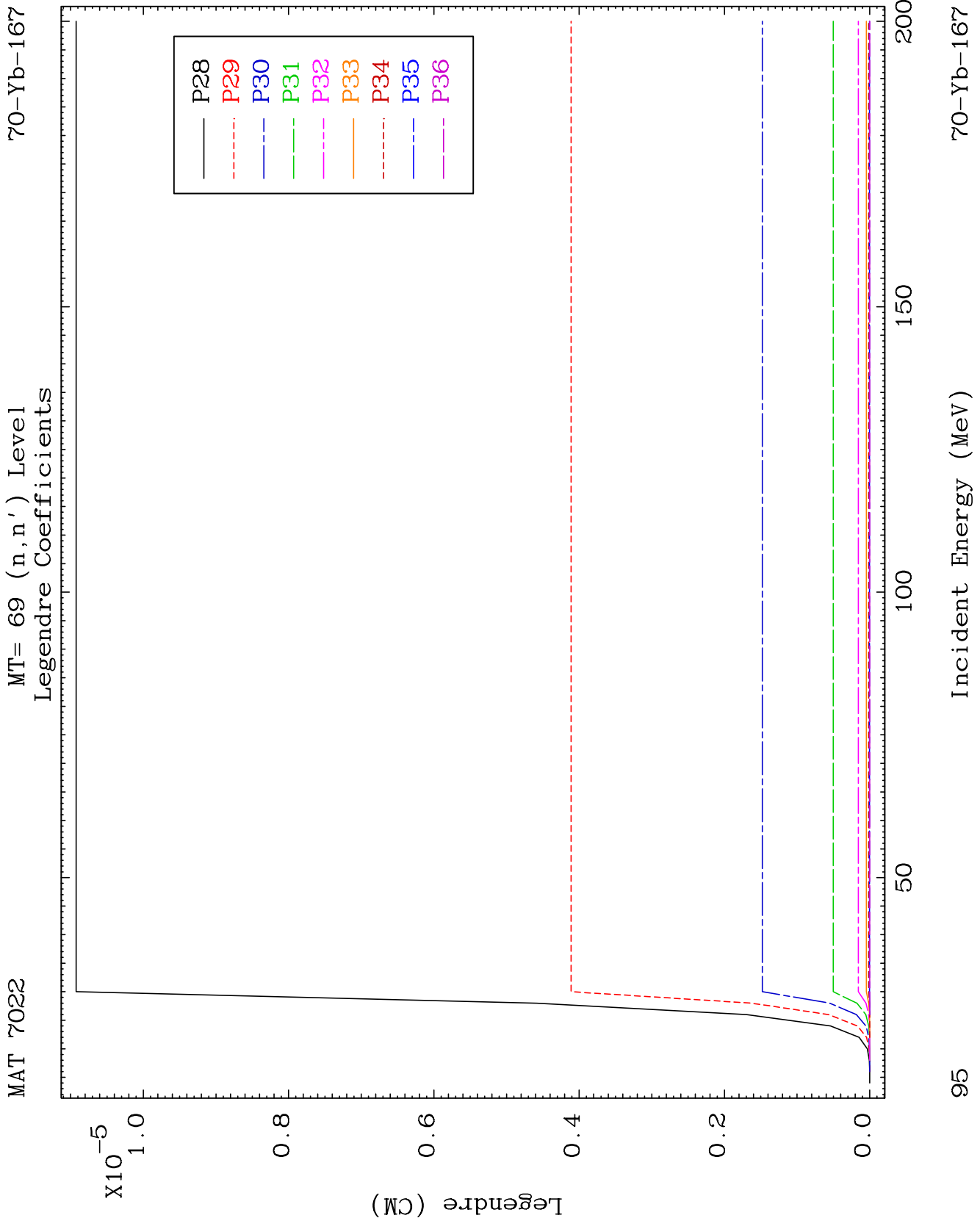
70-Yb-167

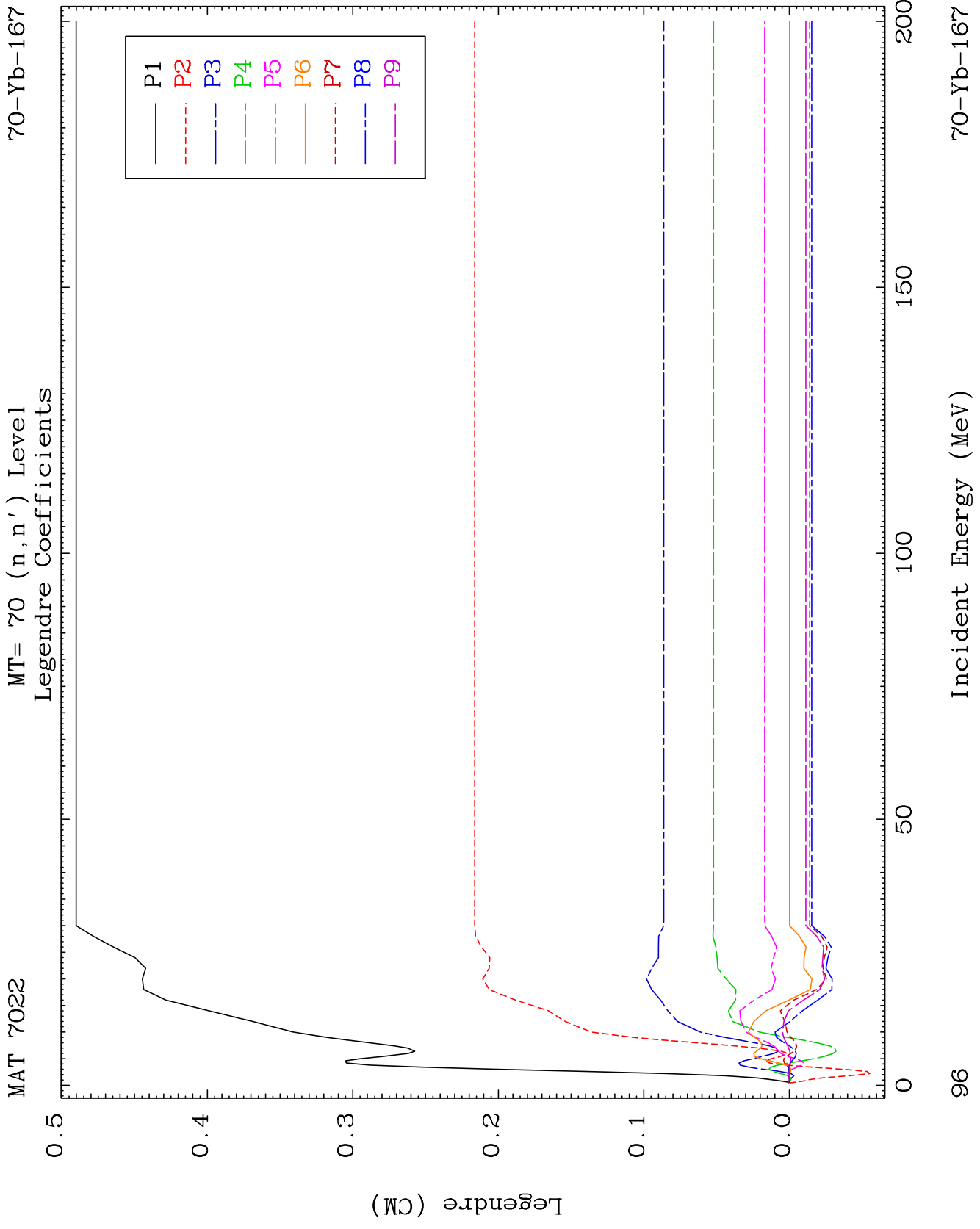
MAT 7022

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

70-Yb-167



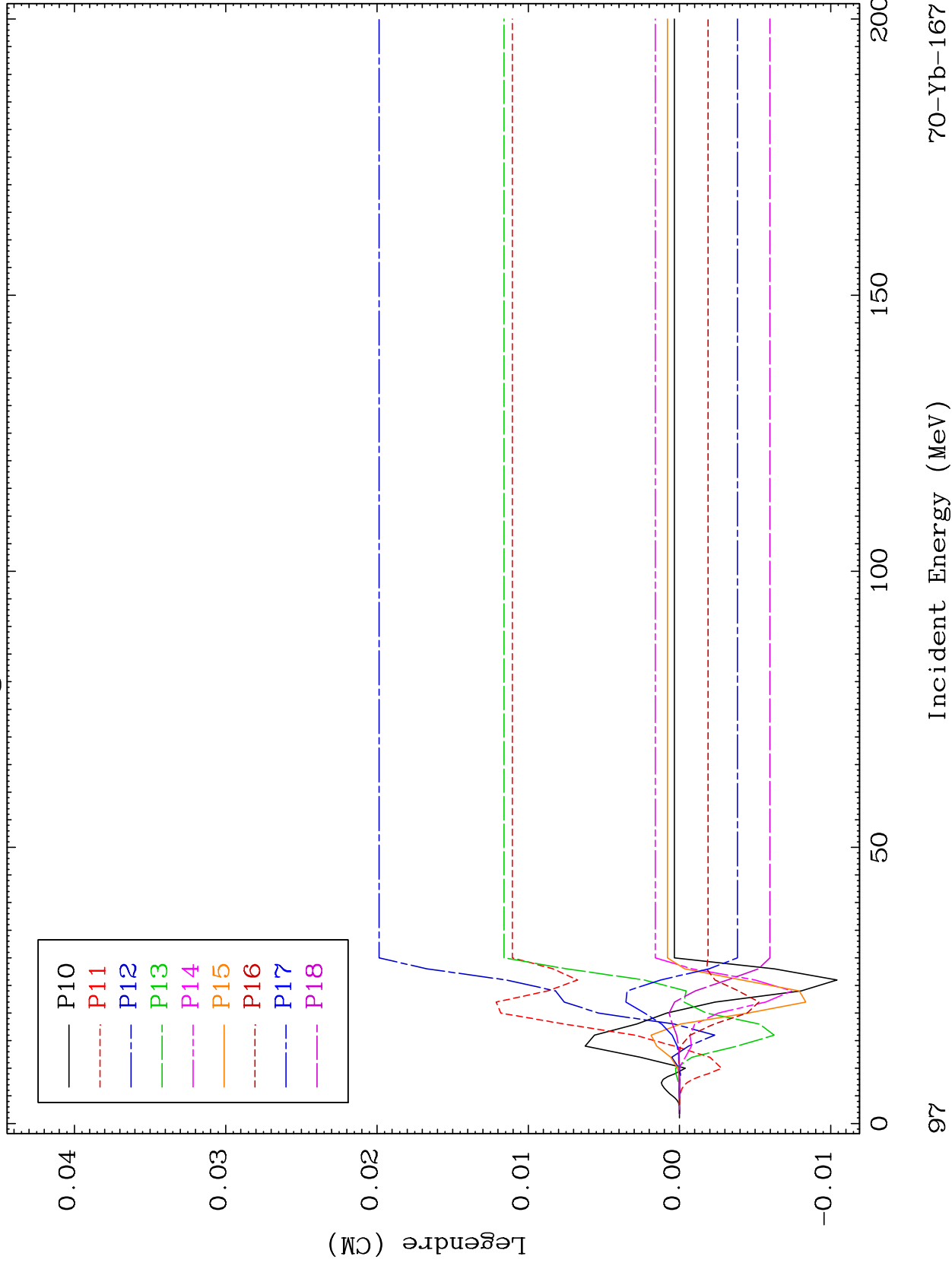




MAT 7022

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

70-Yb-167



97

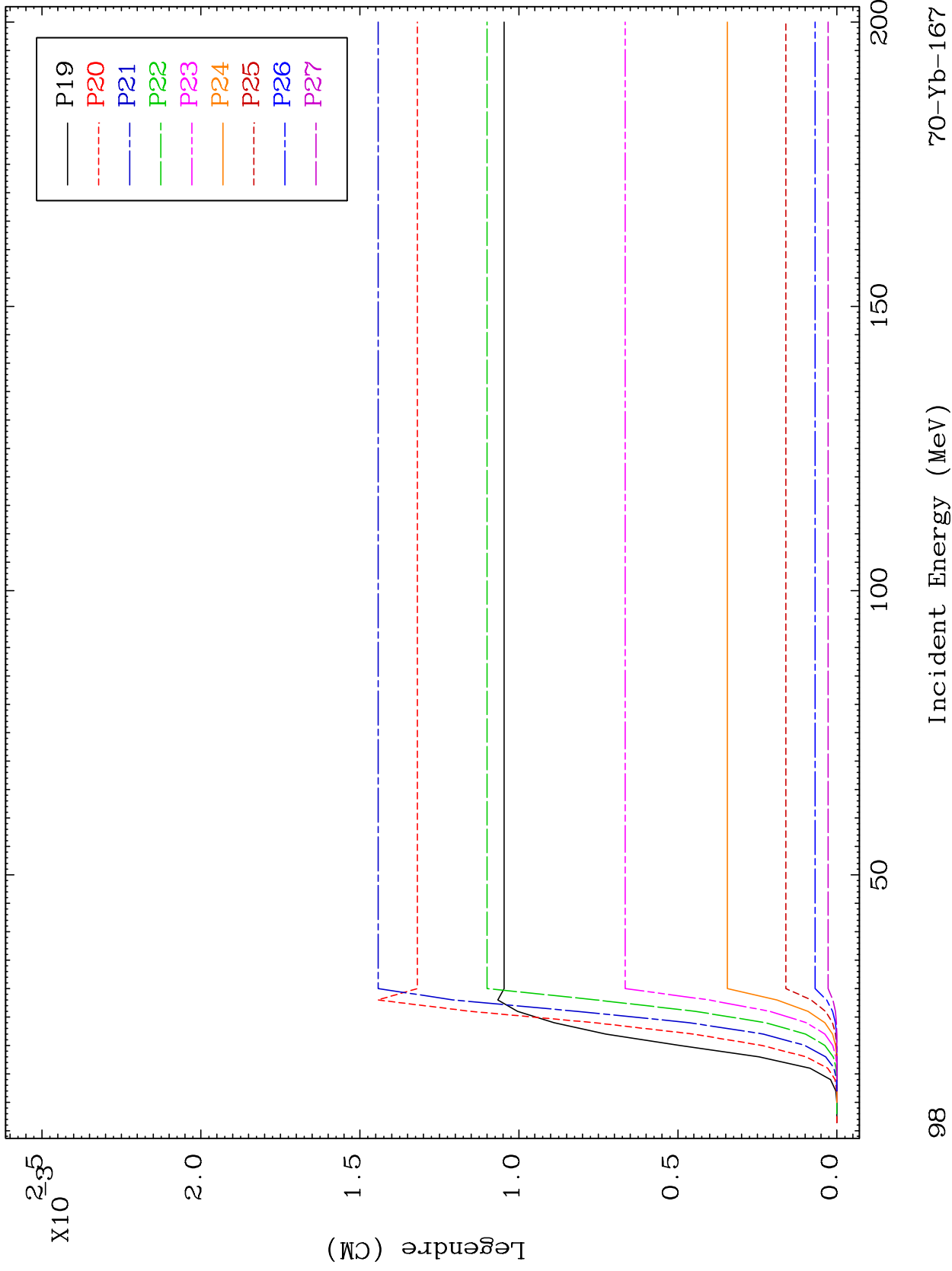
Incident Energy (MeV)

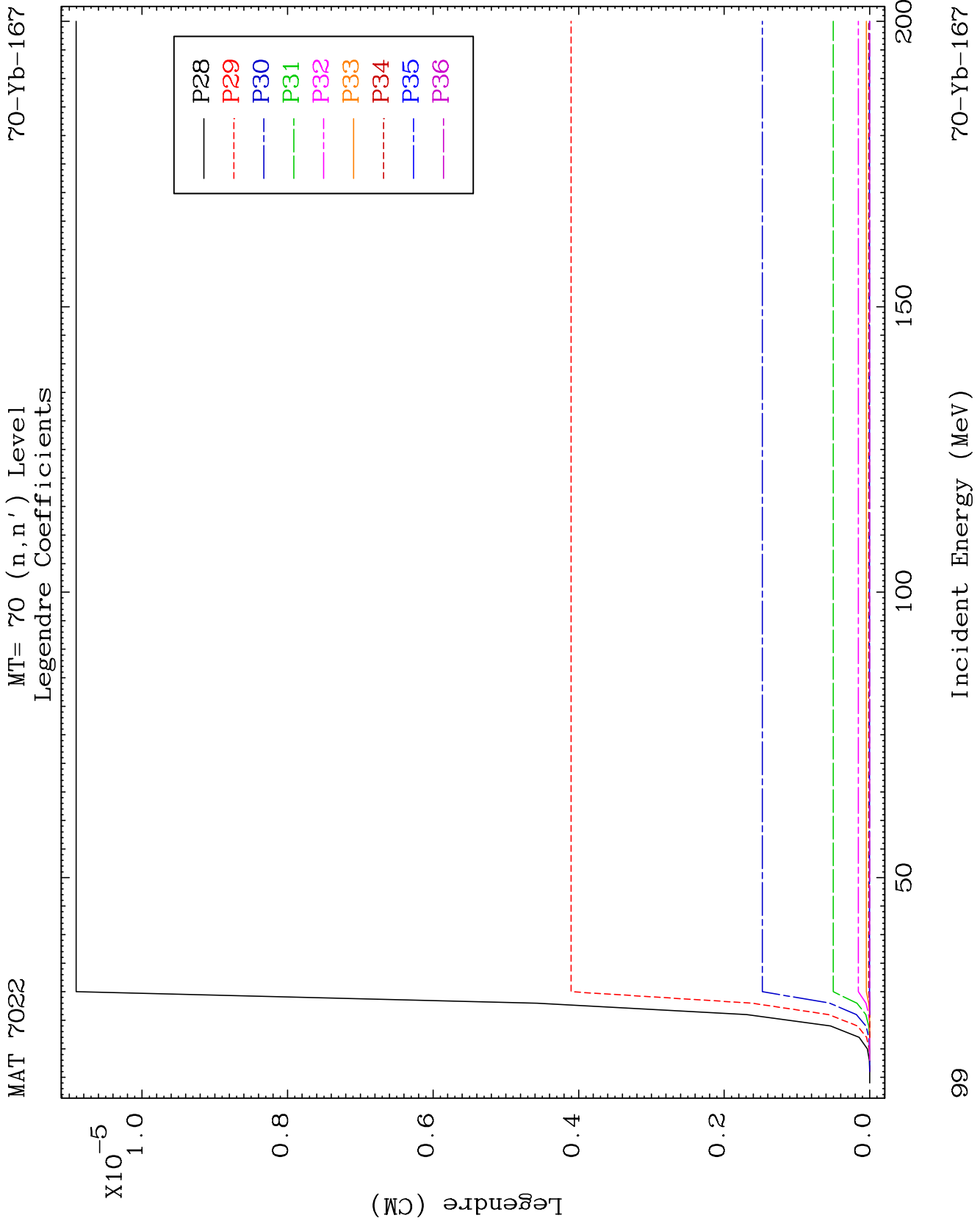
70-Yb-167

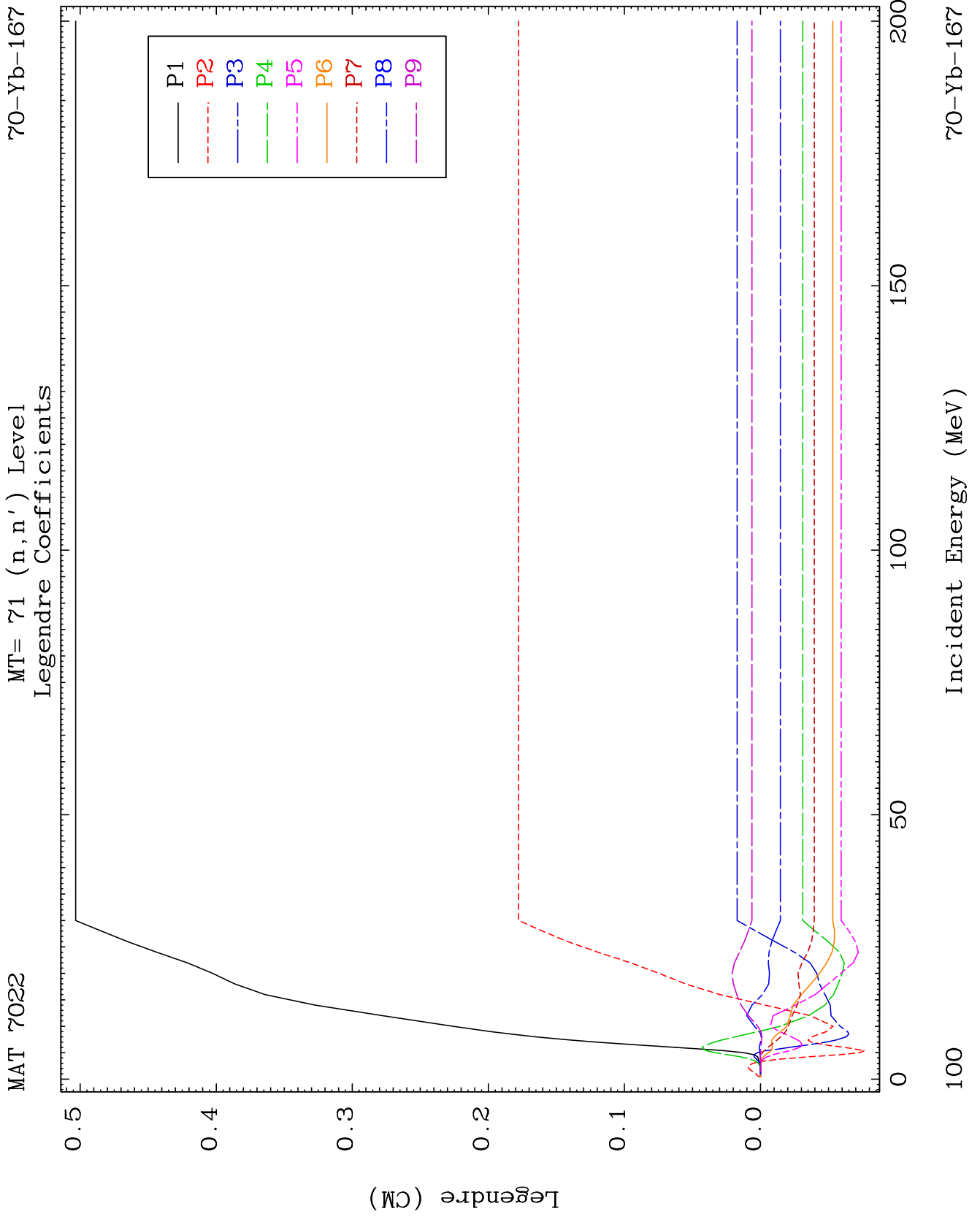
MAT 7022

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

70-Yb-167



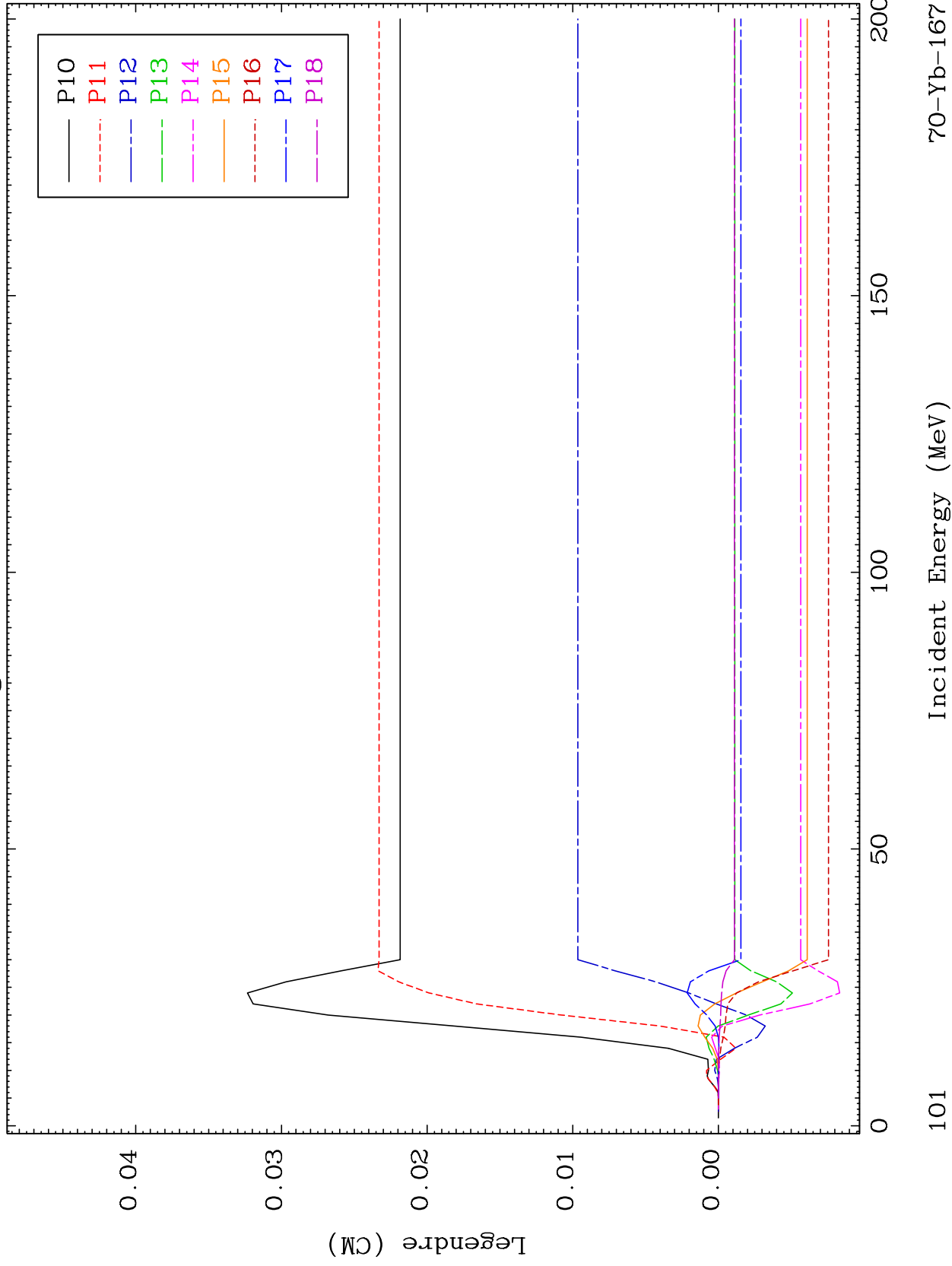




MAT 7022

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

70-Yb-167



70-Yb-167

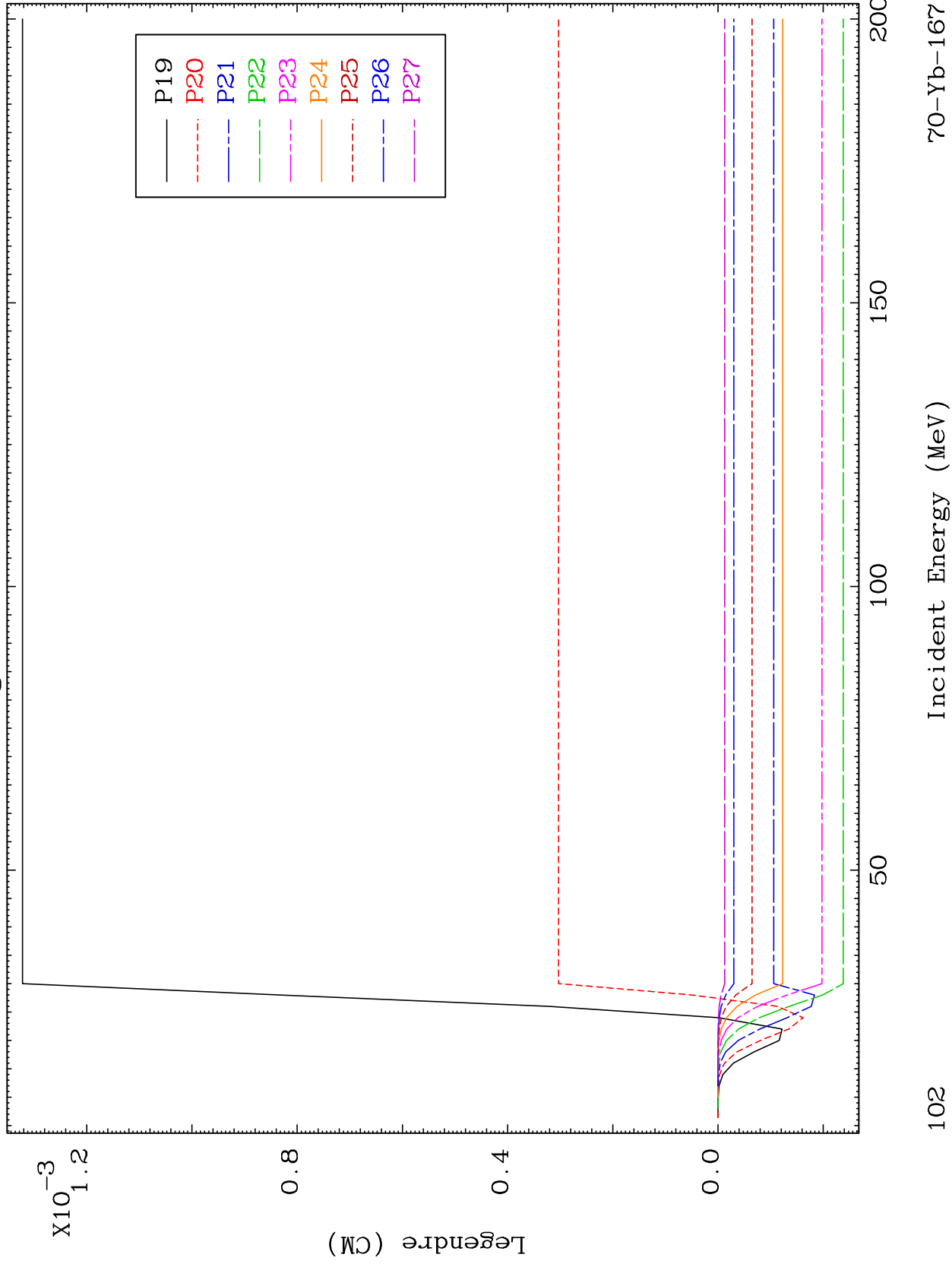
Incident Energy (MeV)

101

MAT 7022

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

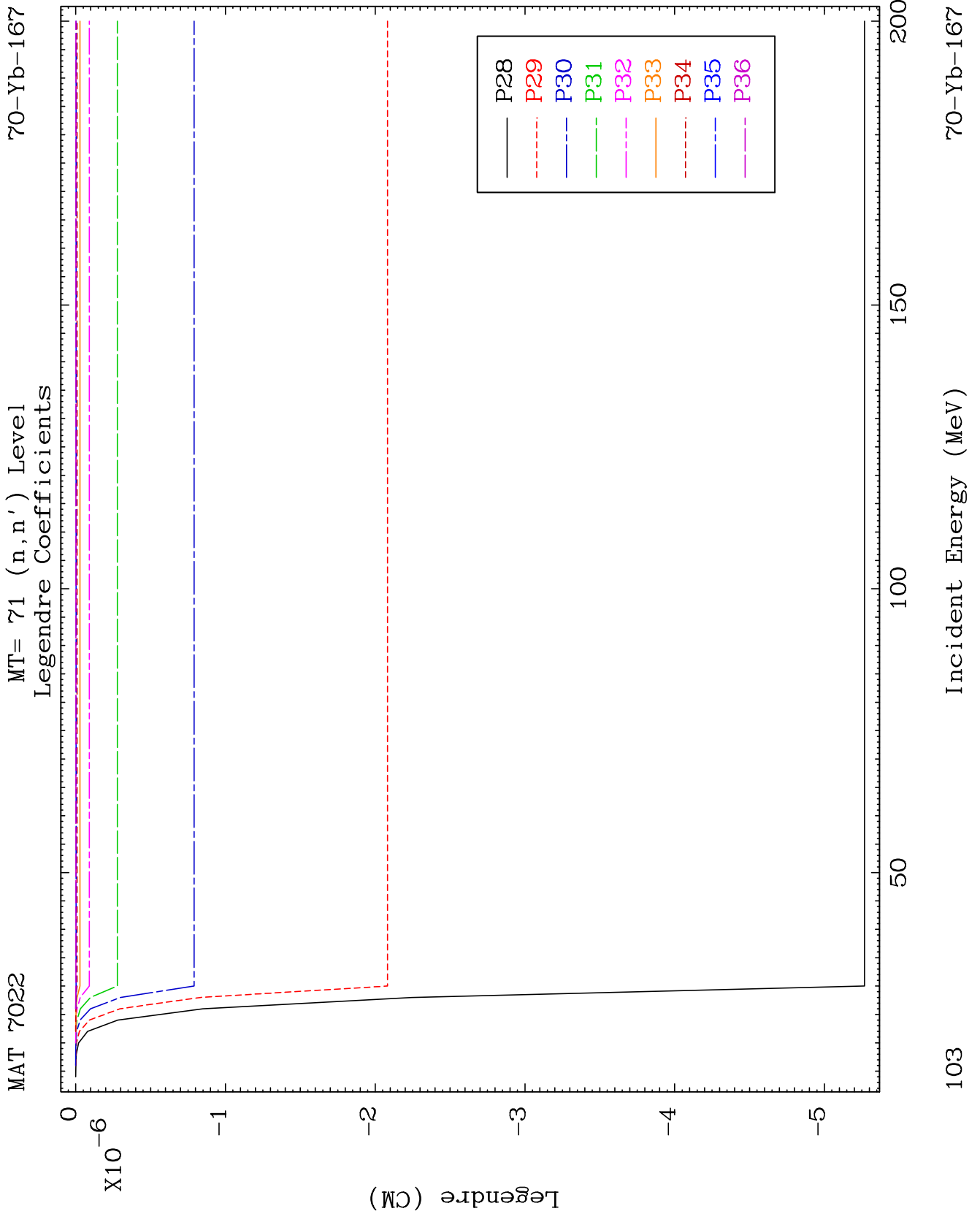
70-Yb-167



102

Incident Energy (MeV)

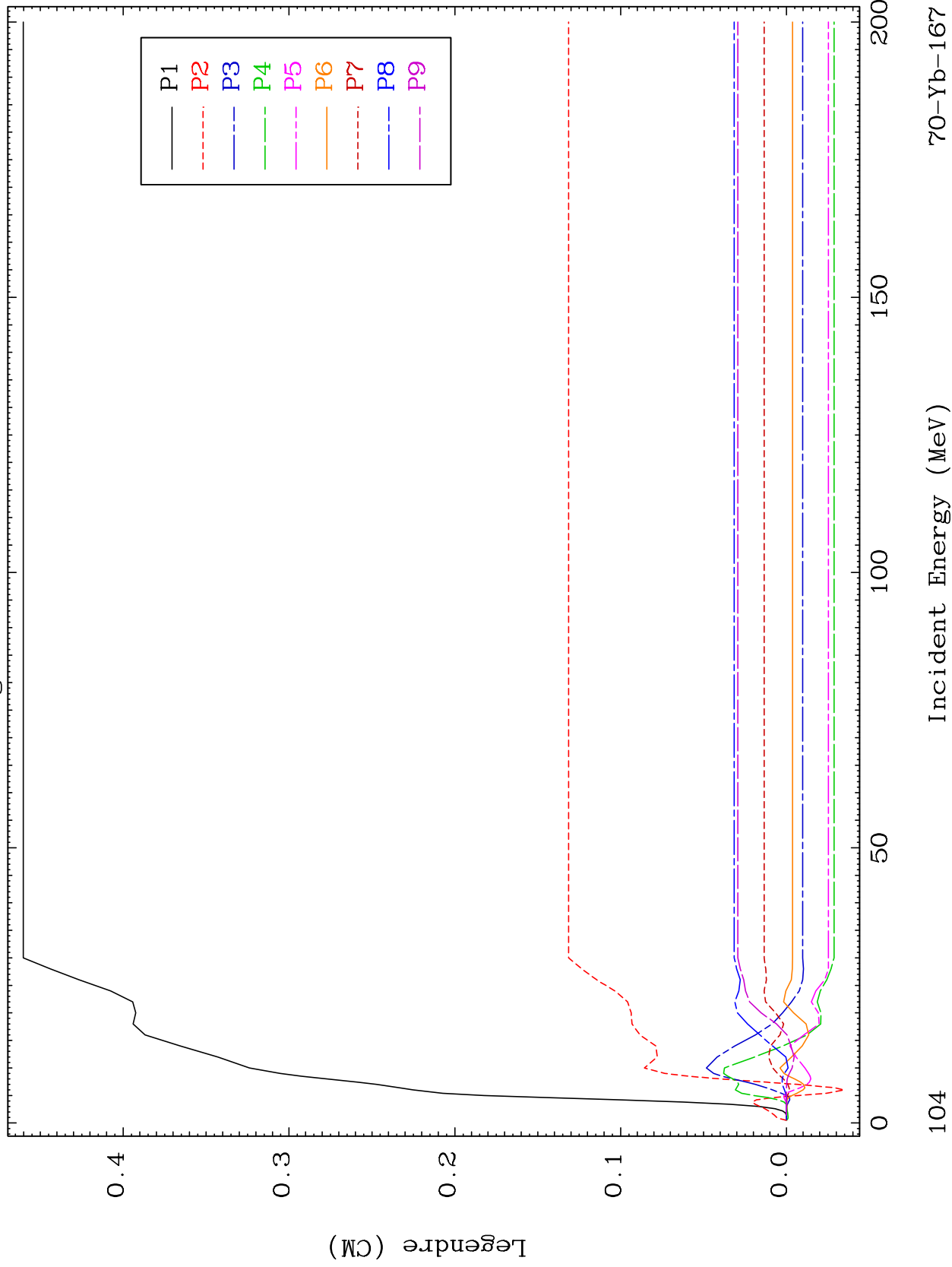
70-Yb-167



MAT 7022

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

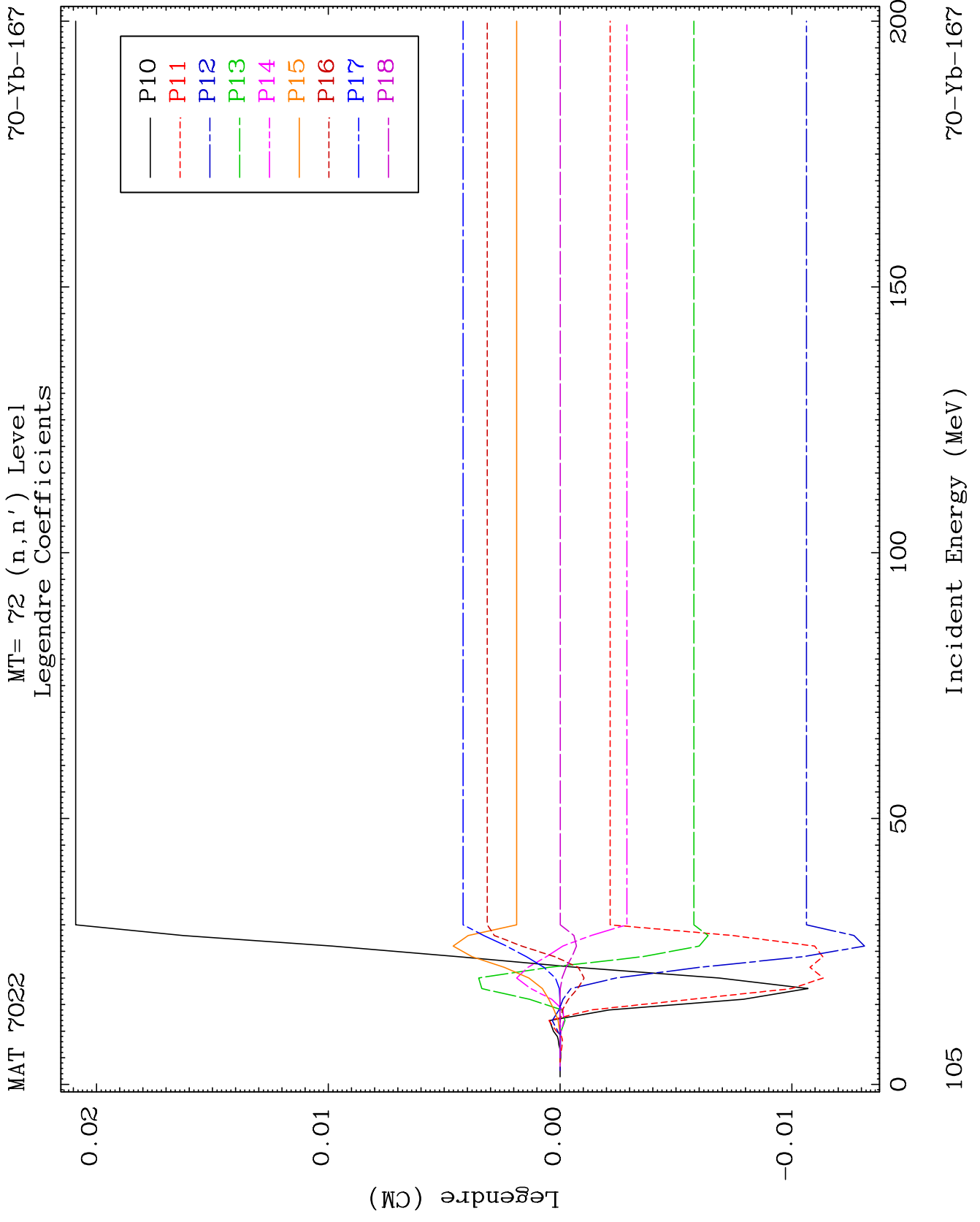
70-Yb-167

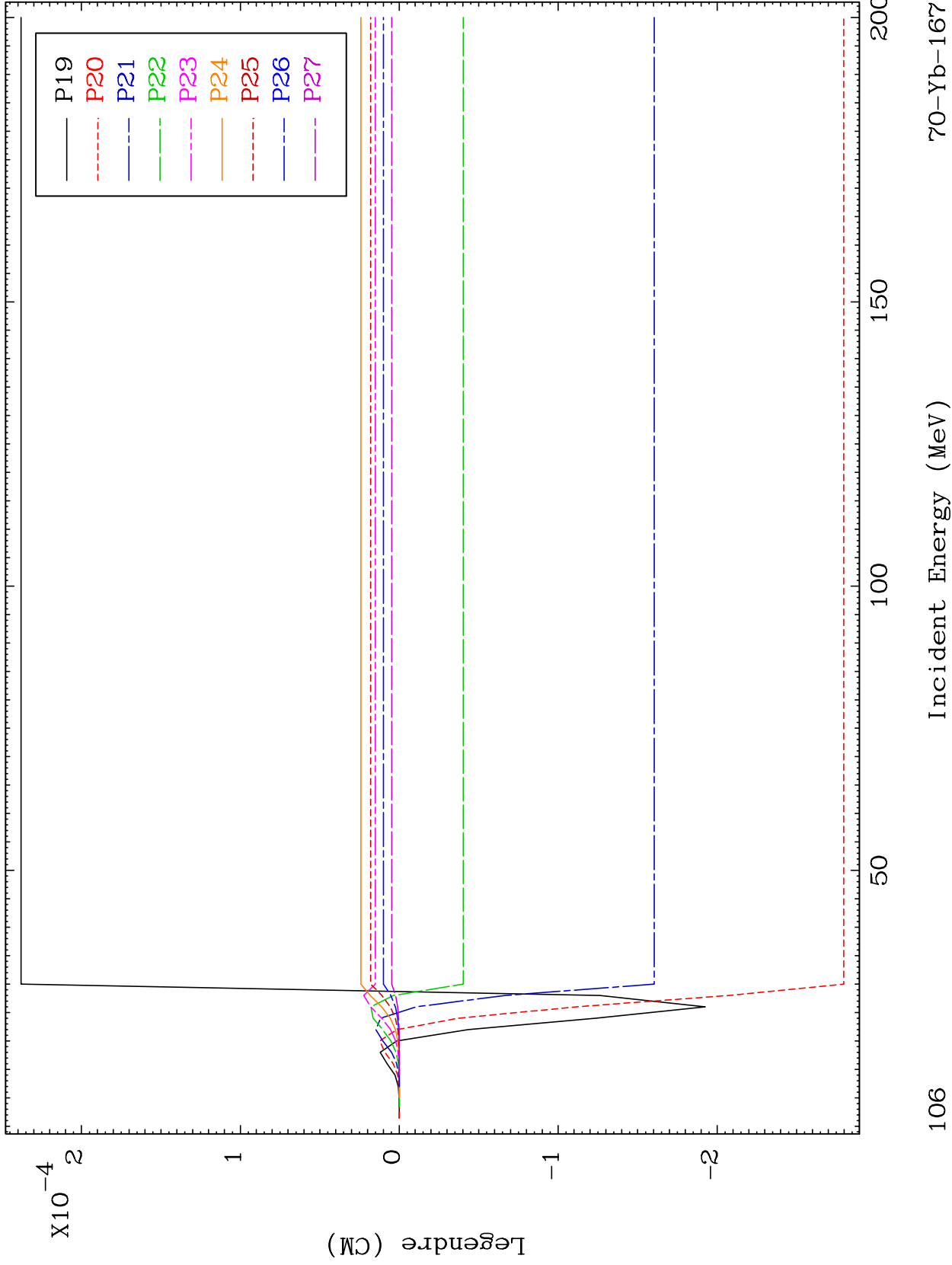


104

Incident Energy (MeV)

70-Yb-167

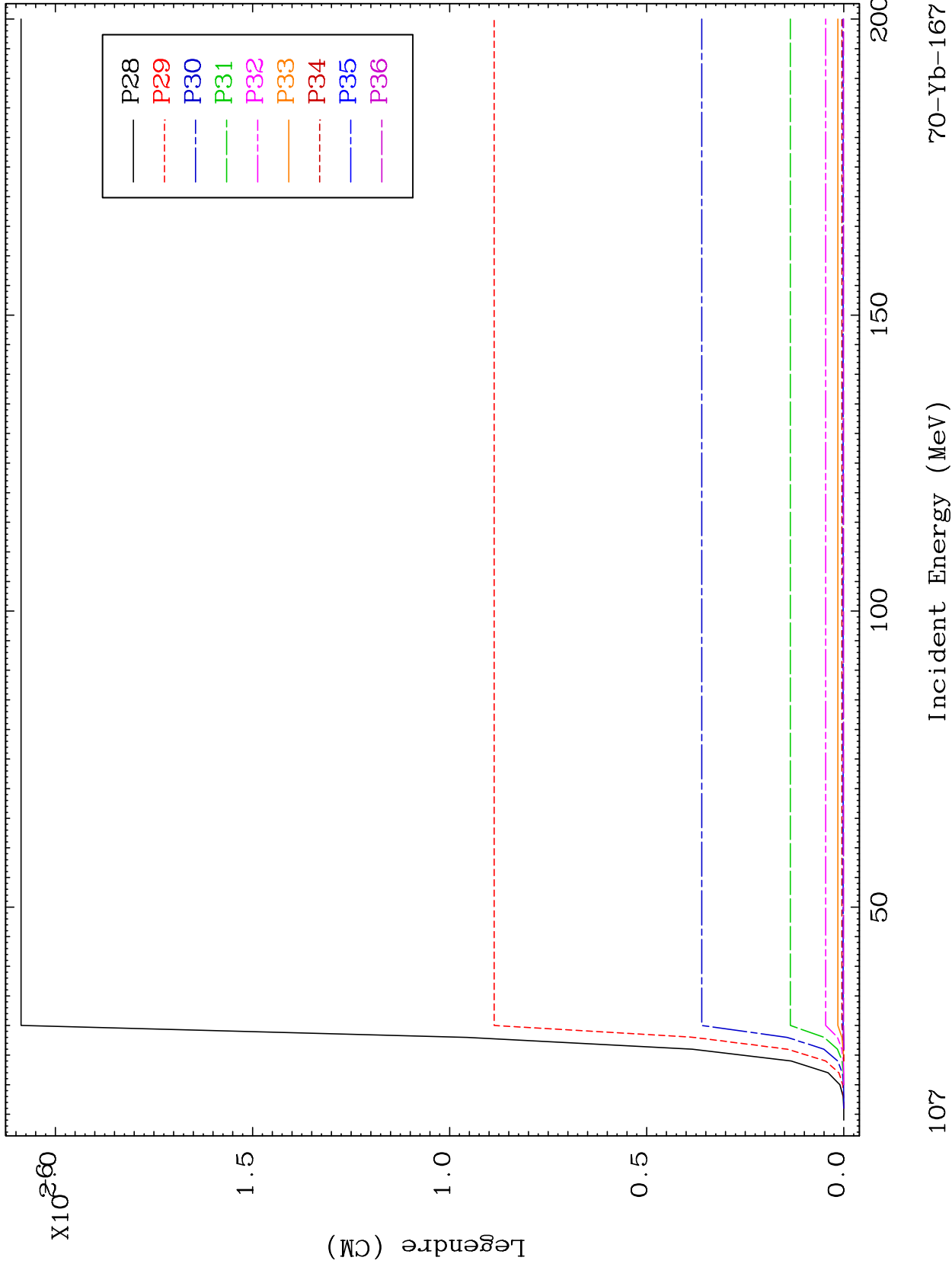




MAT 7022

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

70-Yb-167



107

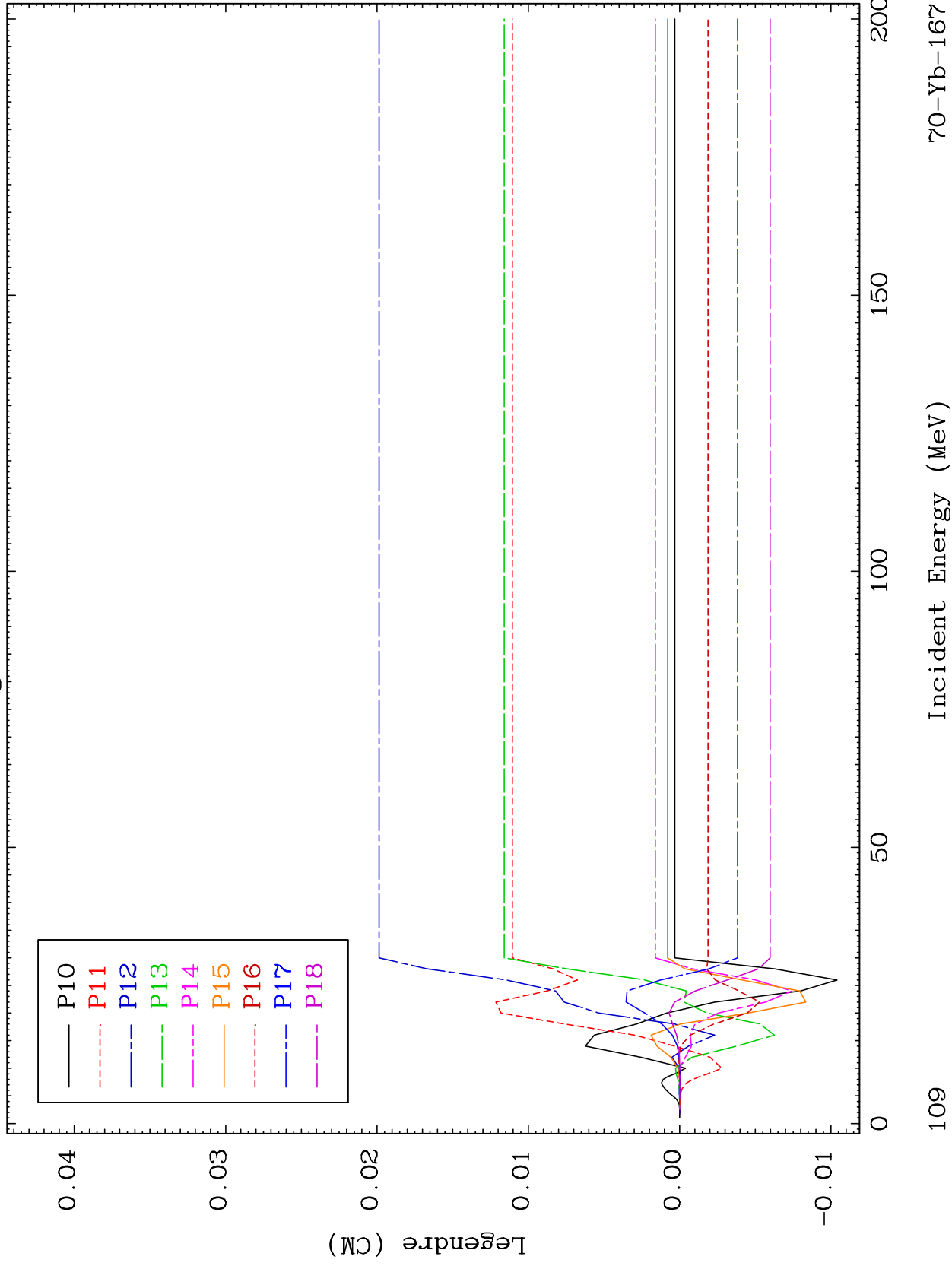
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

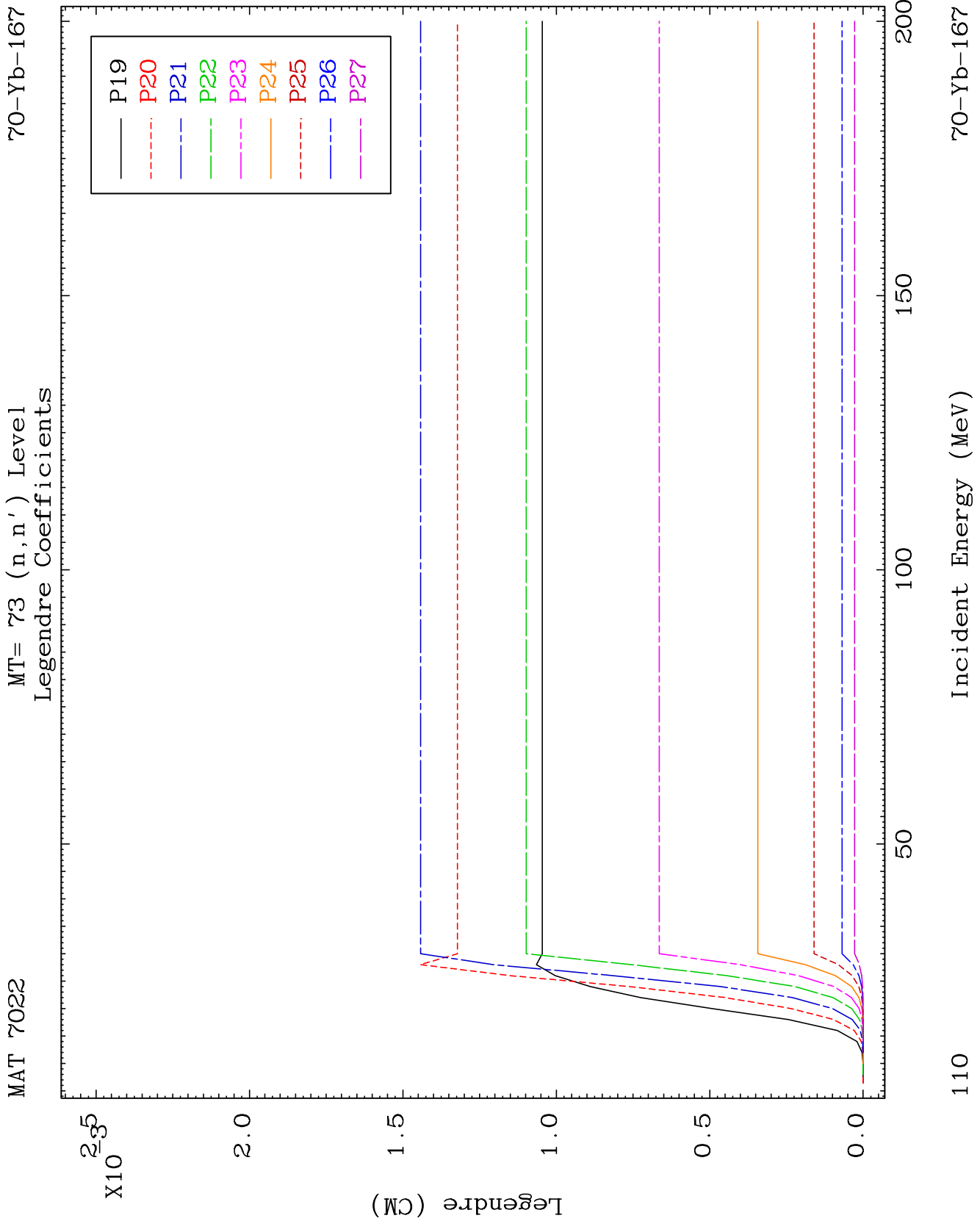
70-Yb-167



70-Yb-167

Incident Energy (MeV)

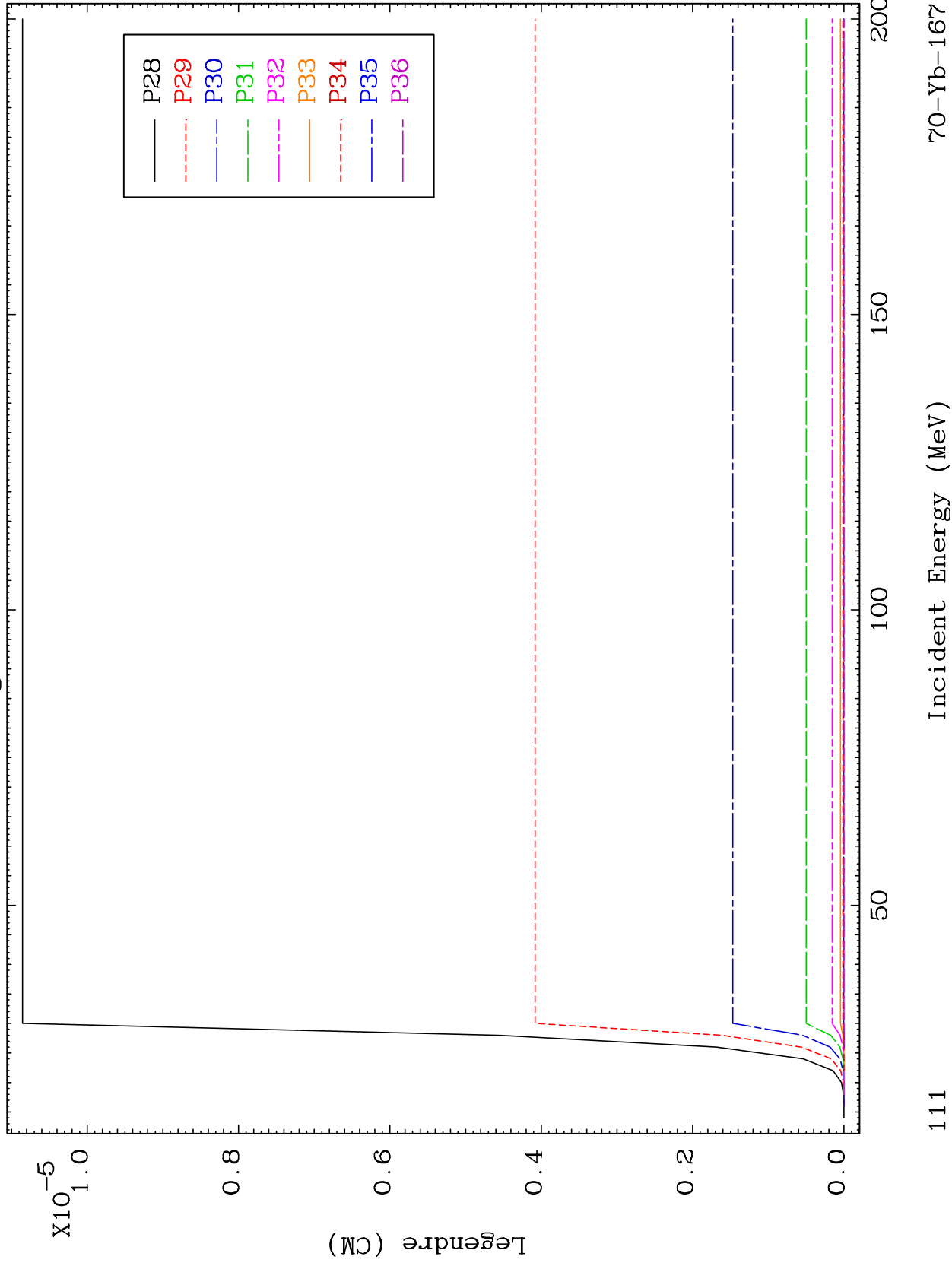
109



MAT 7022

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

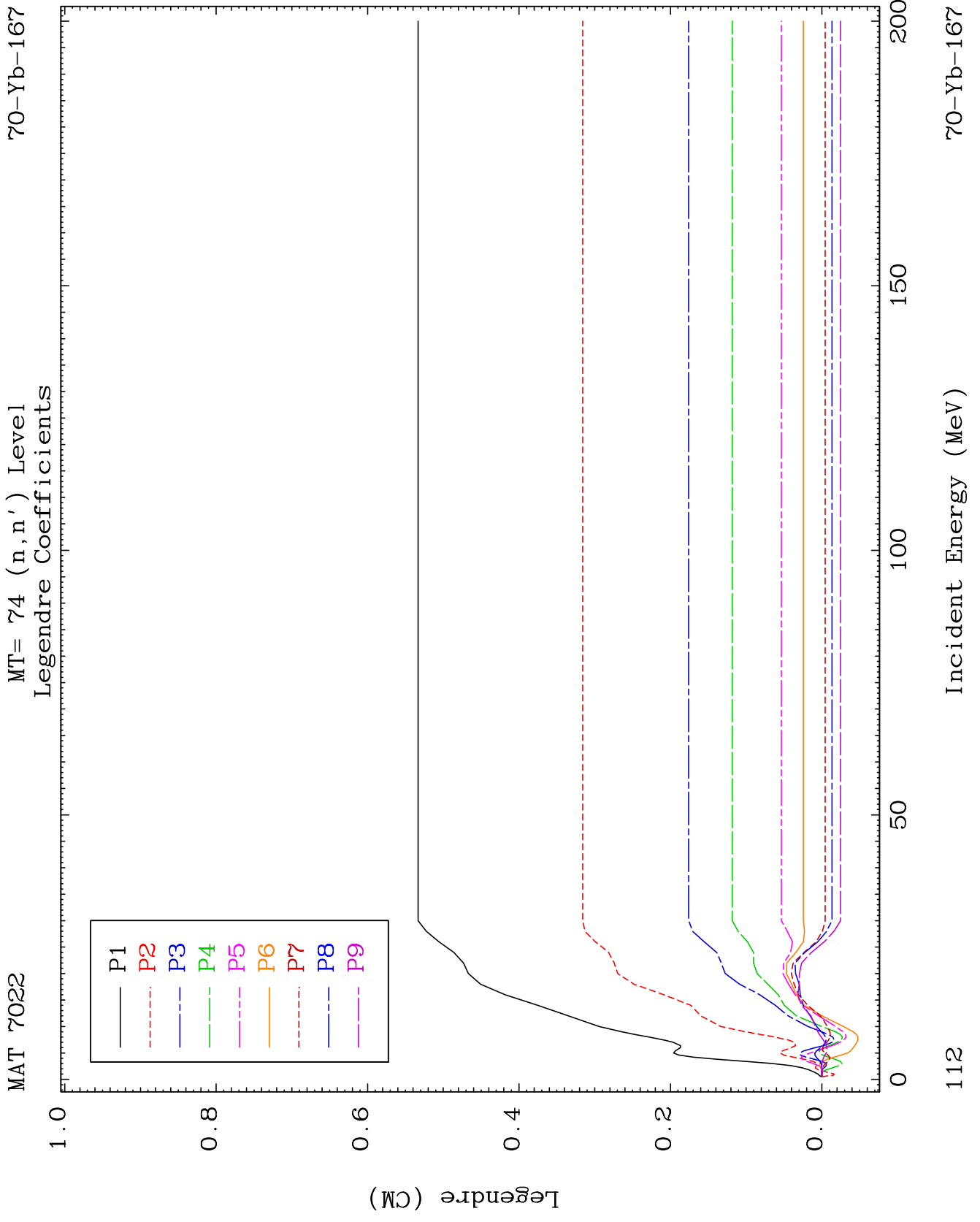
70-Yb-167



111

Incident Energy (MeV)

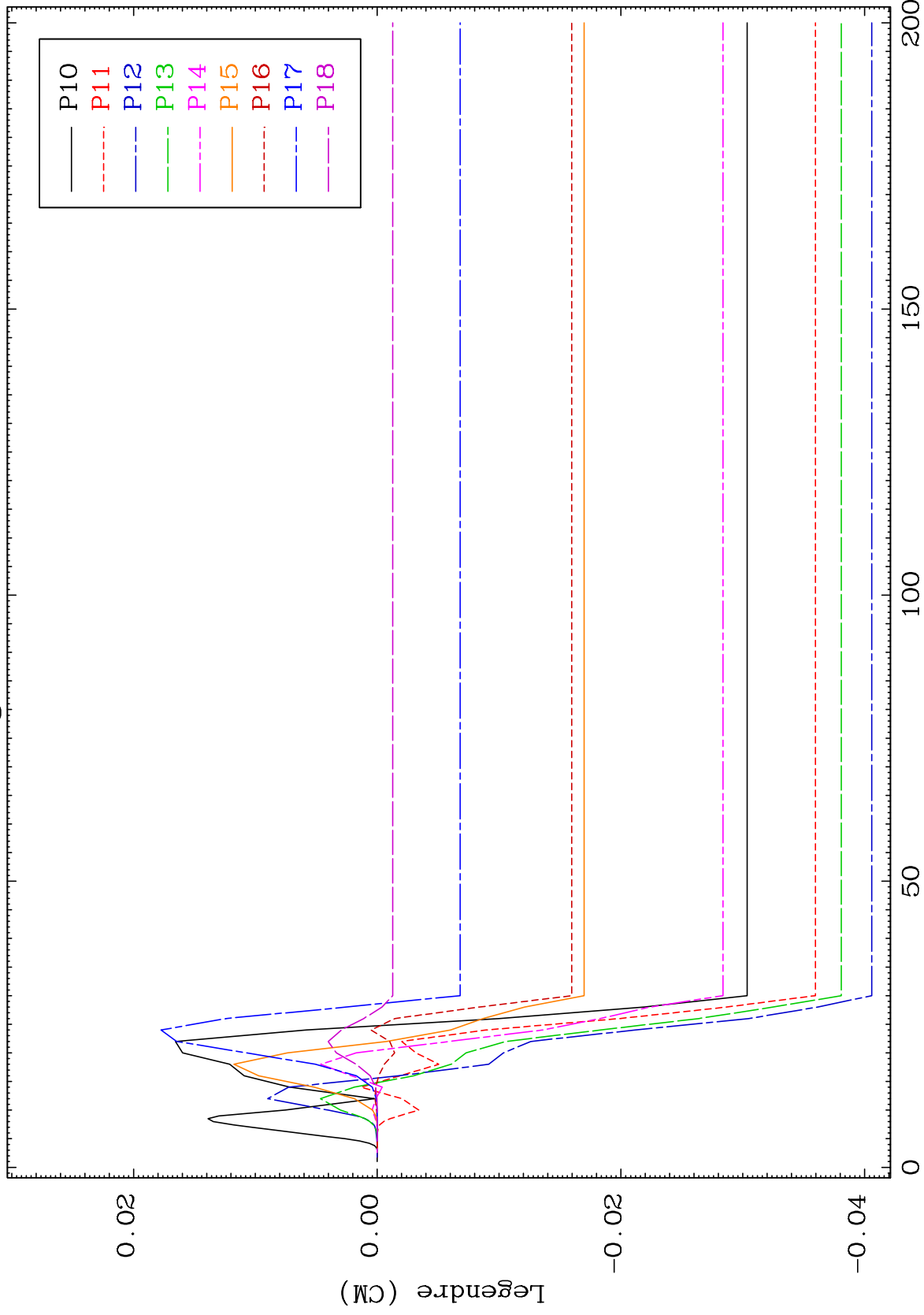
70-Yb-167



MAT 7022

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

70-Yb-167



113

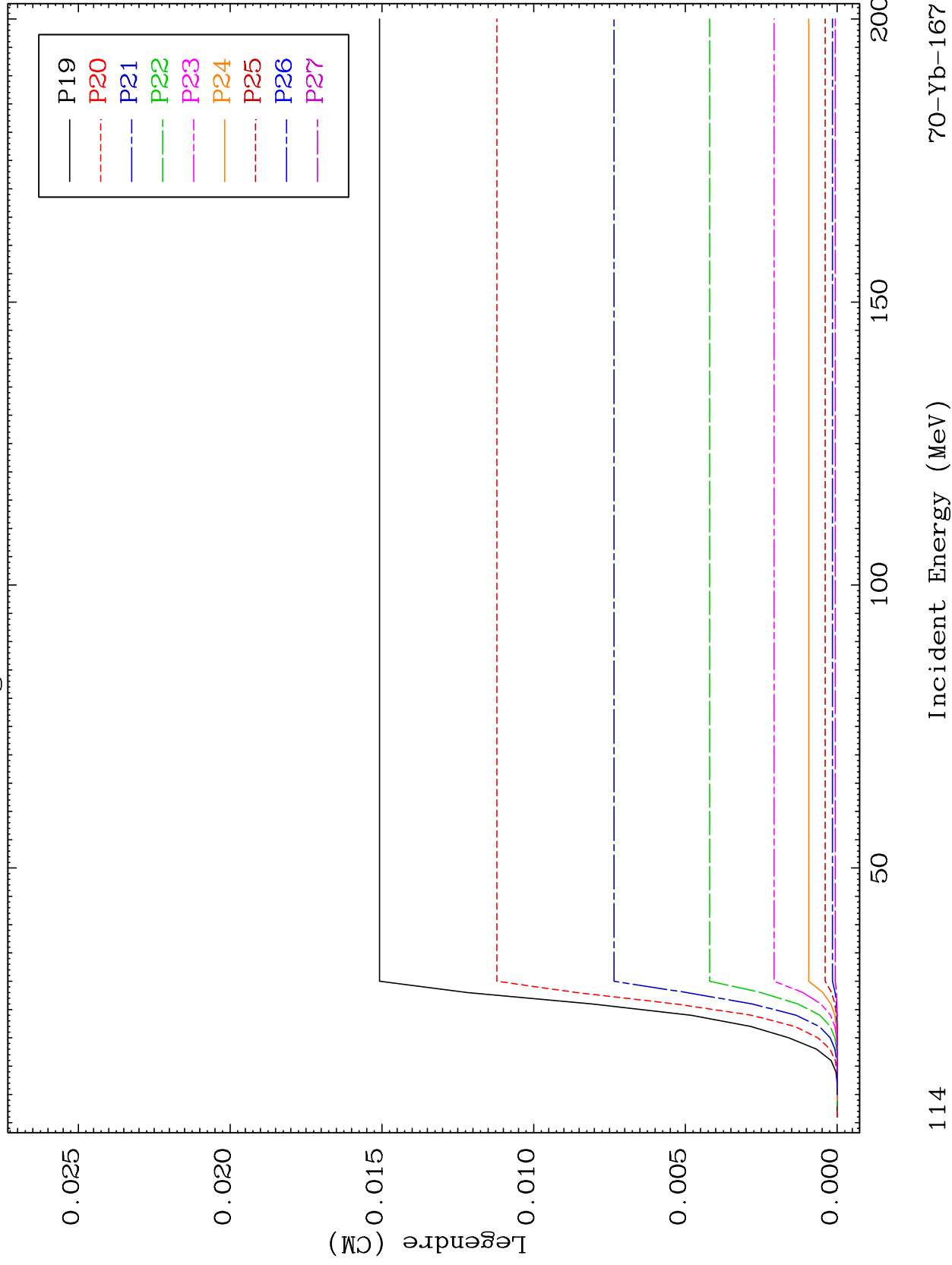
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

70-Yb-167



114

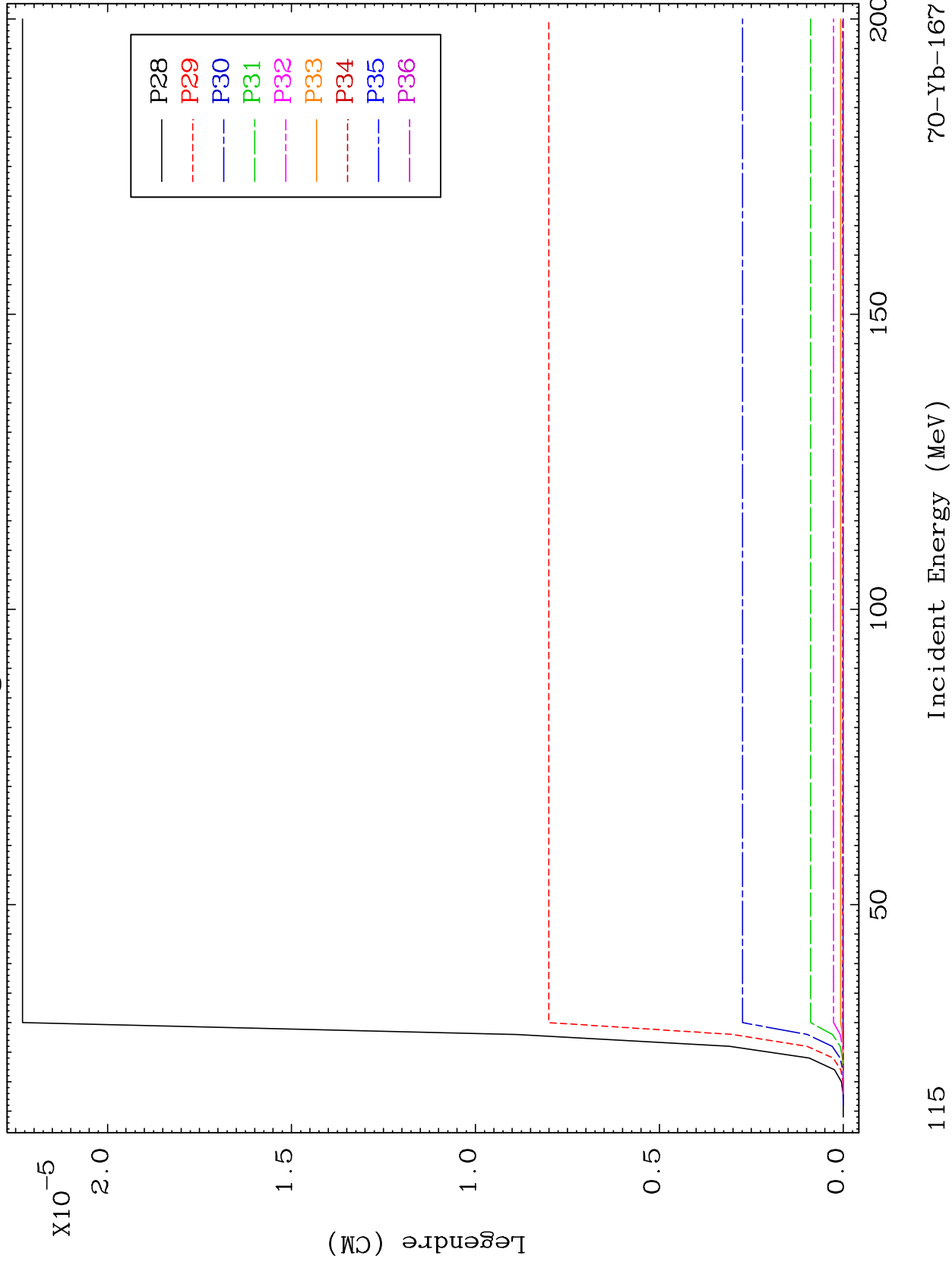
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

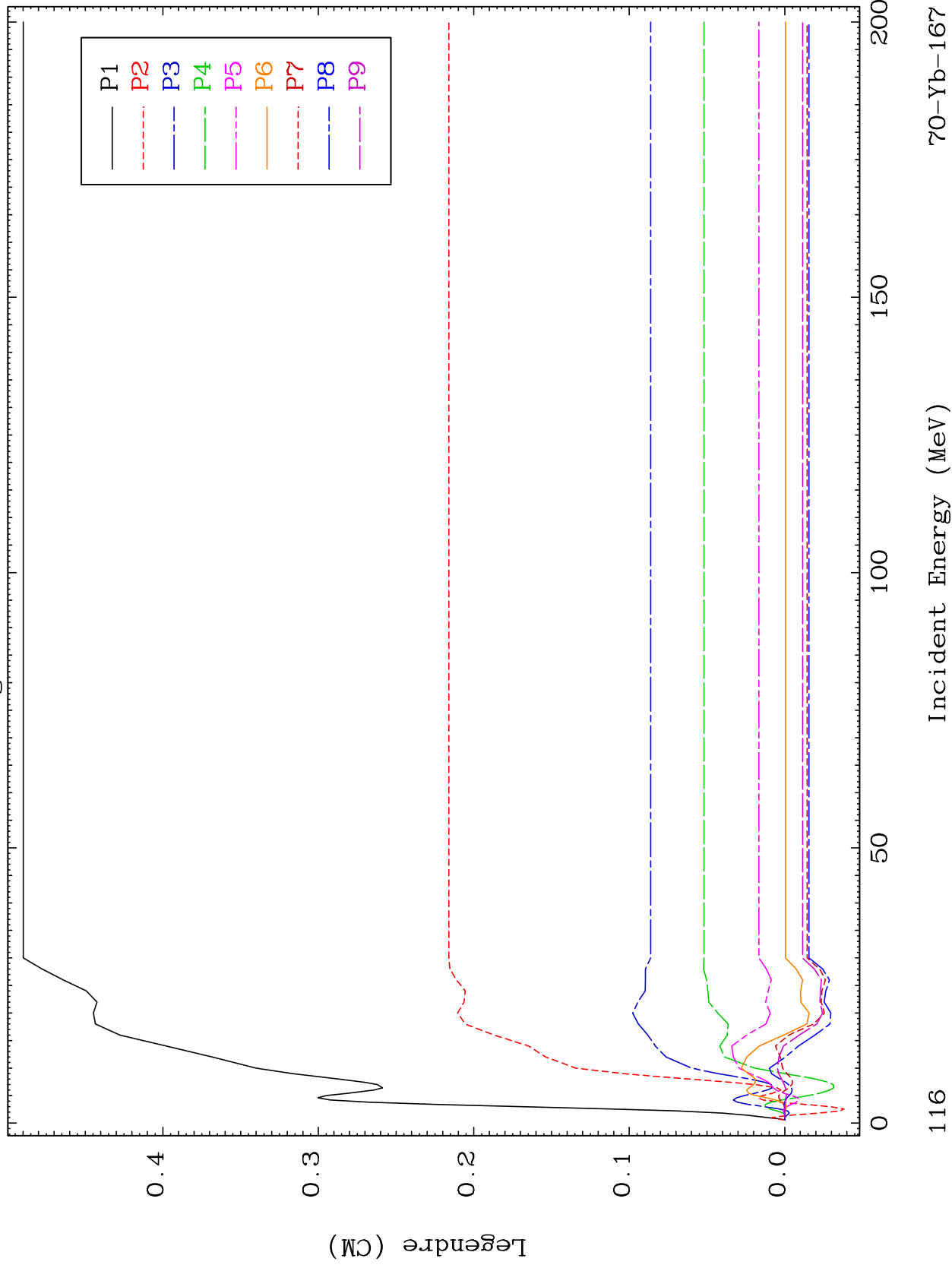
70-Yb-167



MAT 7022

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

70-Yb-167



70-Yb-167

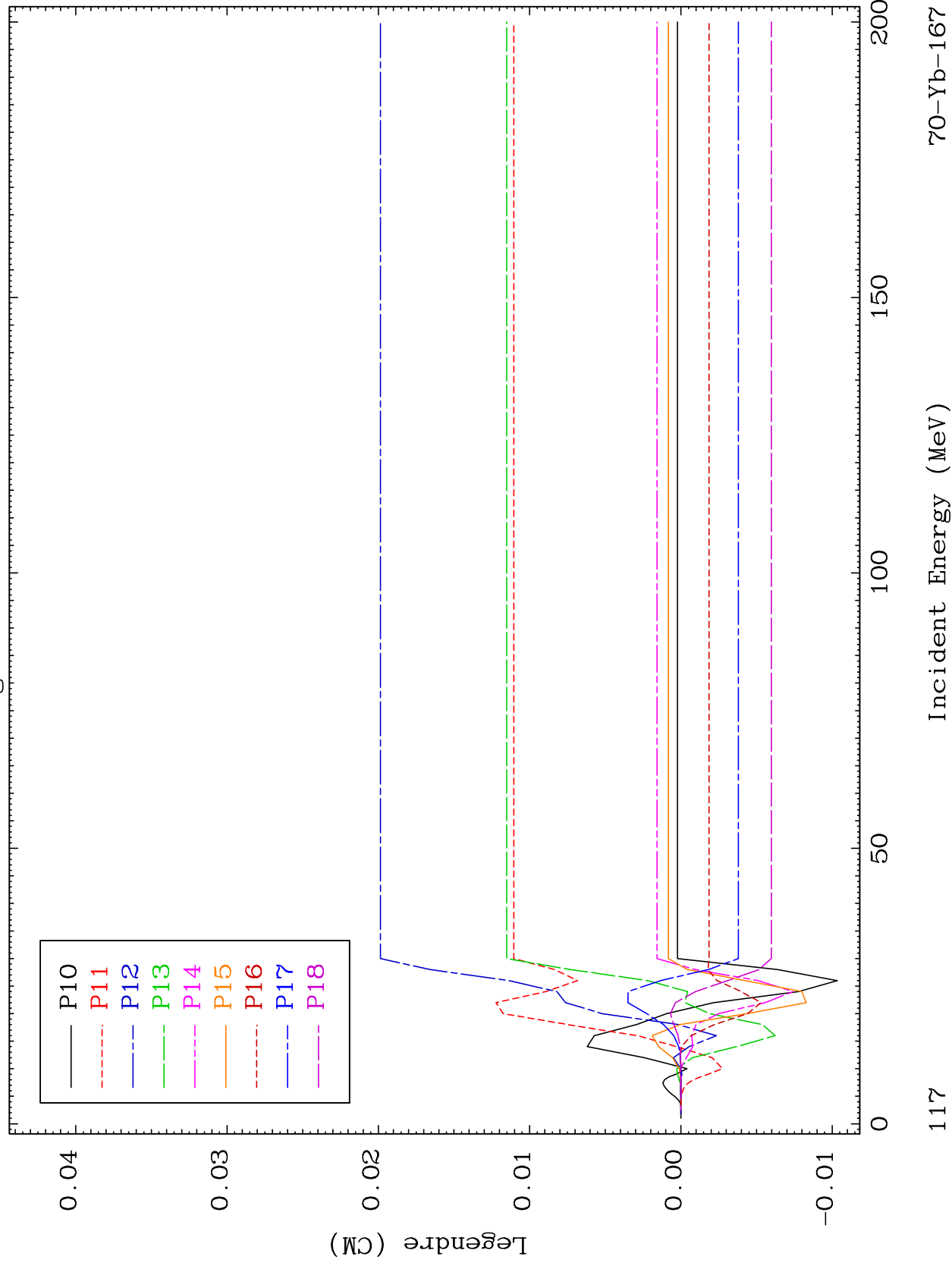
Incident Energy (MeV)

116

MAT 70222

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

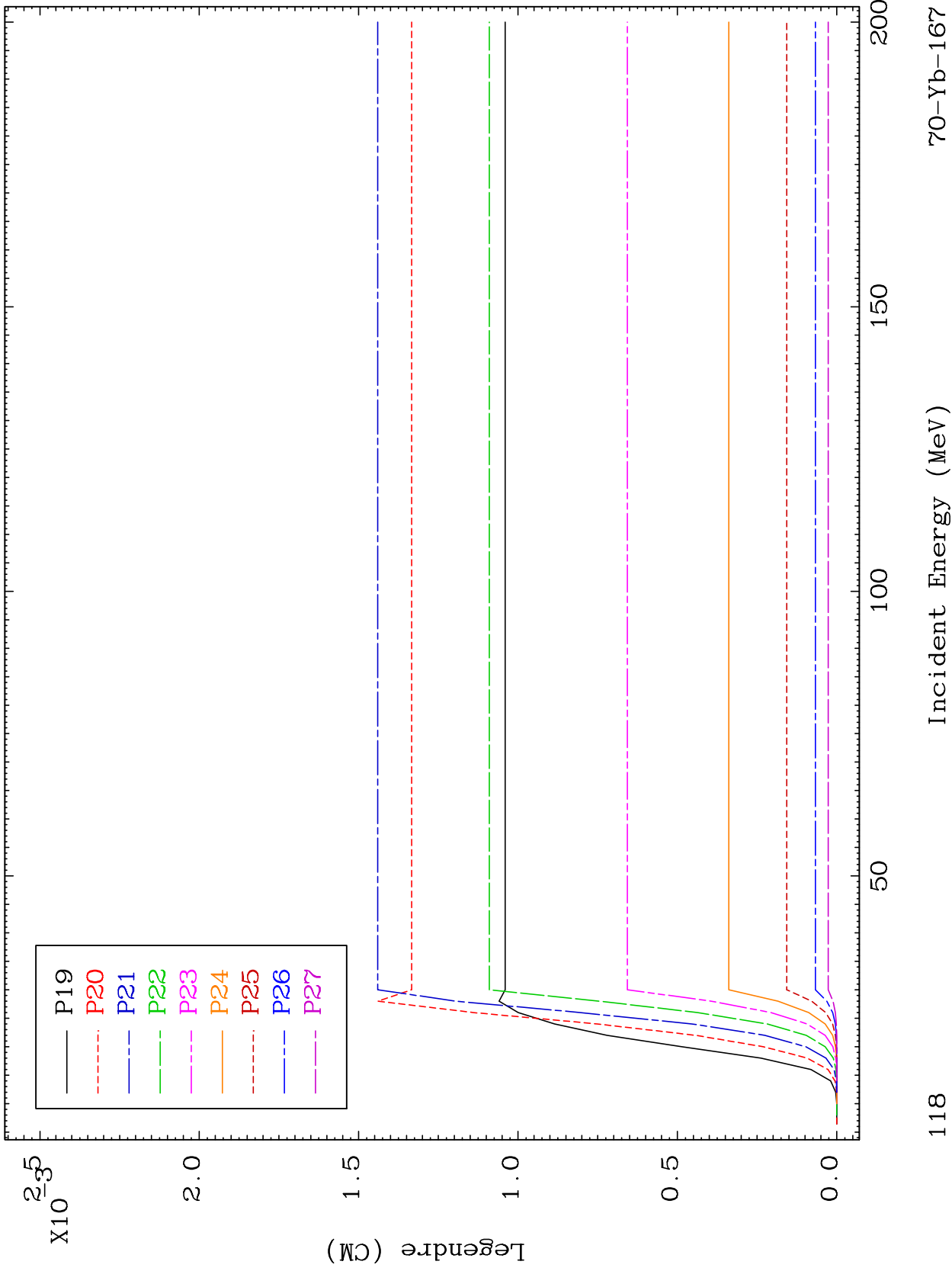
70-Yb-167



117

Incident Energy (MeV)

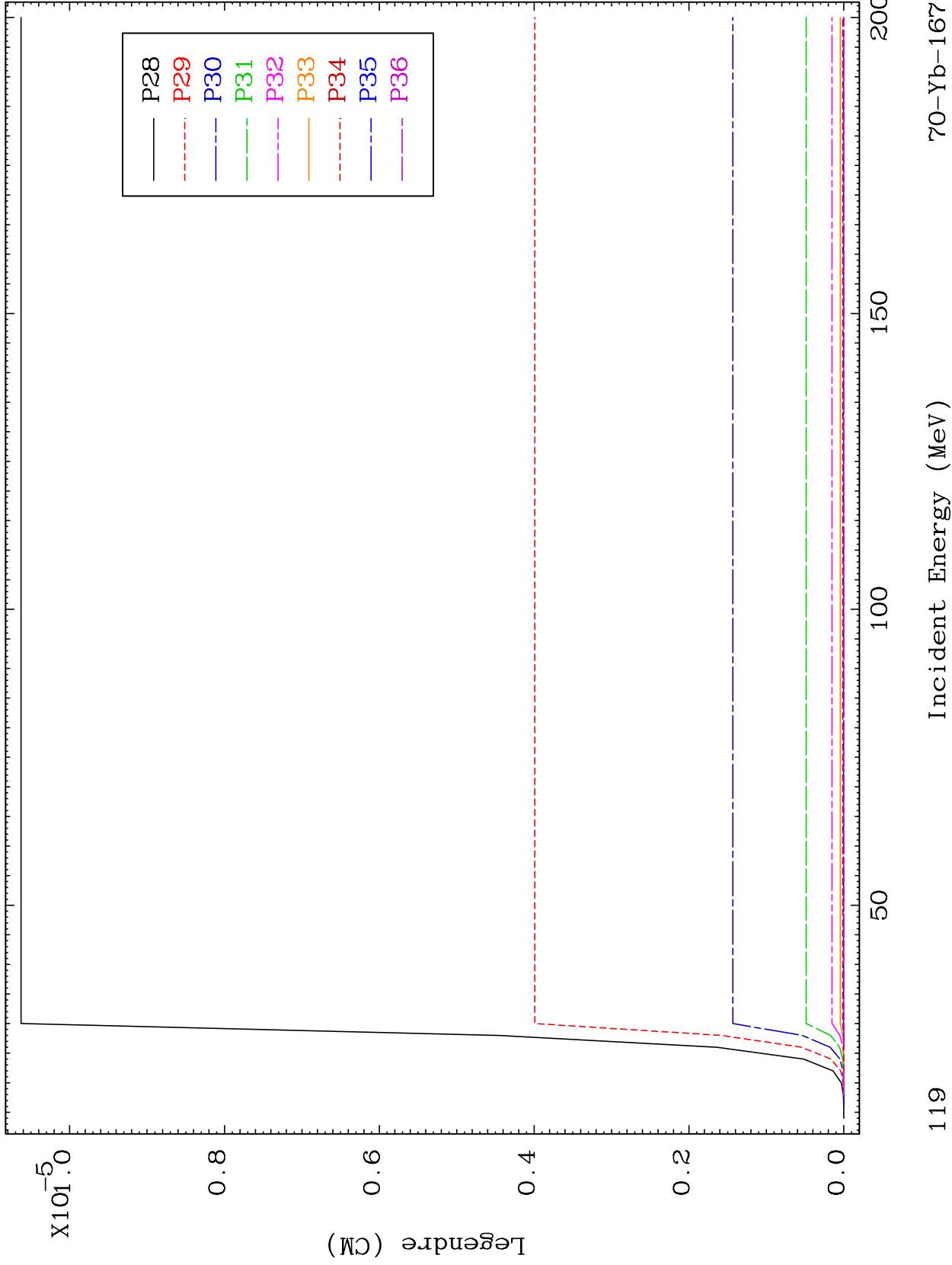
70-Yb-167



MAT 7022

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

70-Yb-167



119

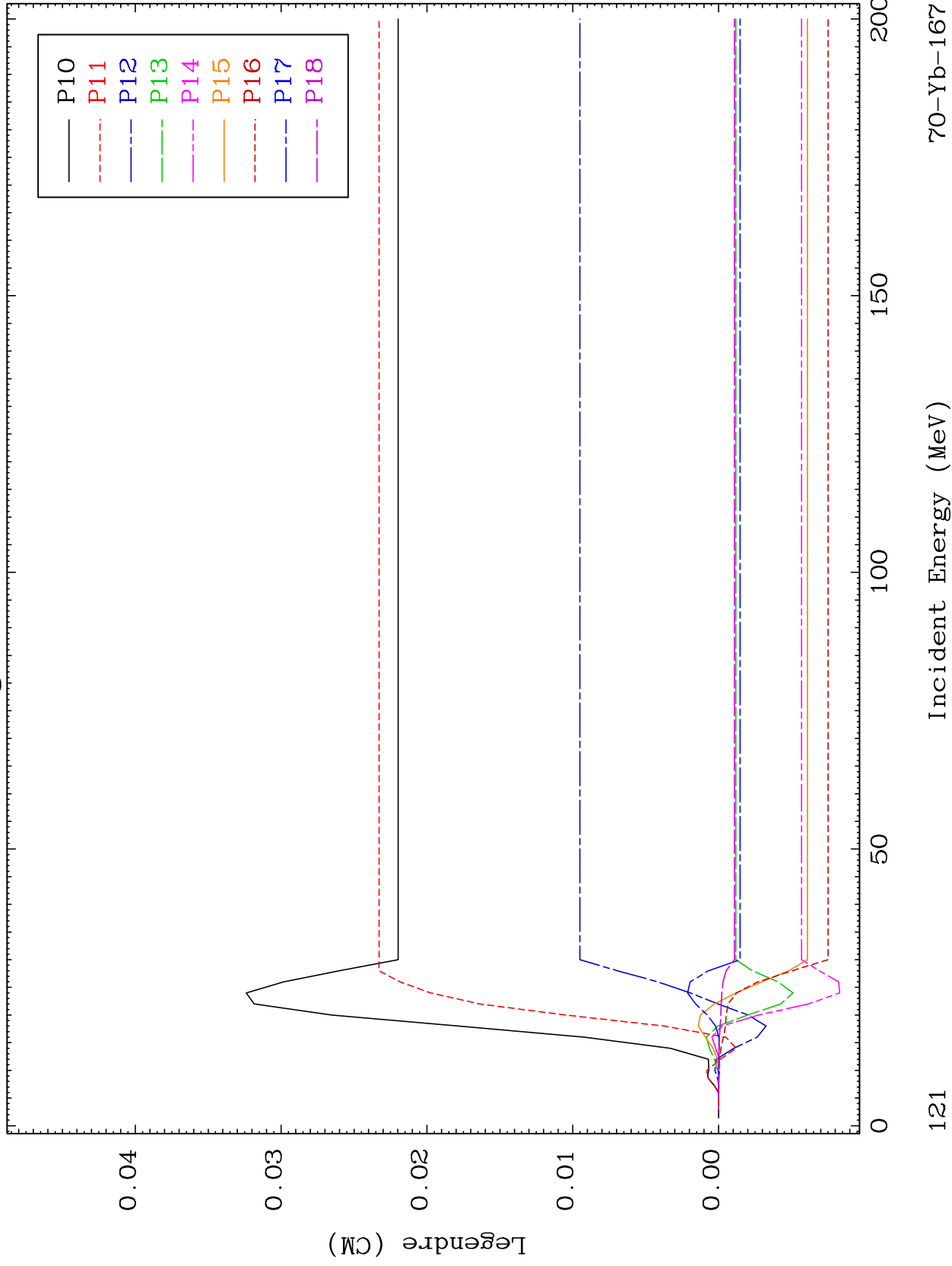
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

70-Yb-167



70-Yb-167

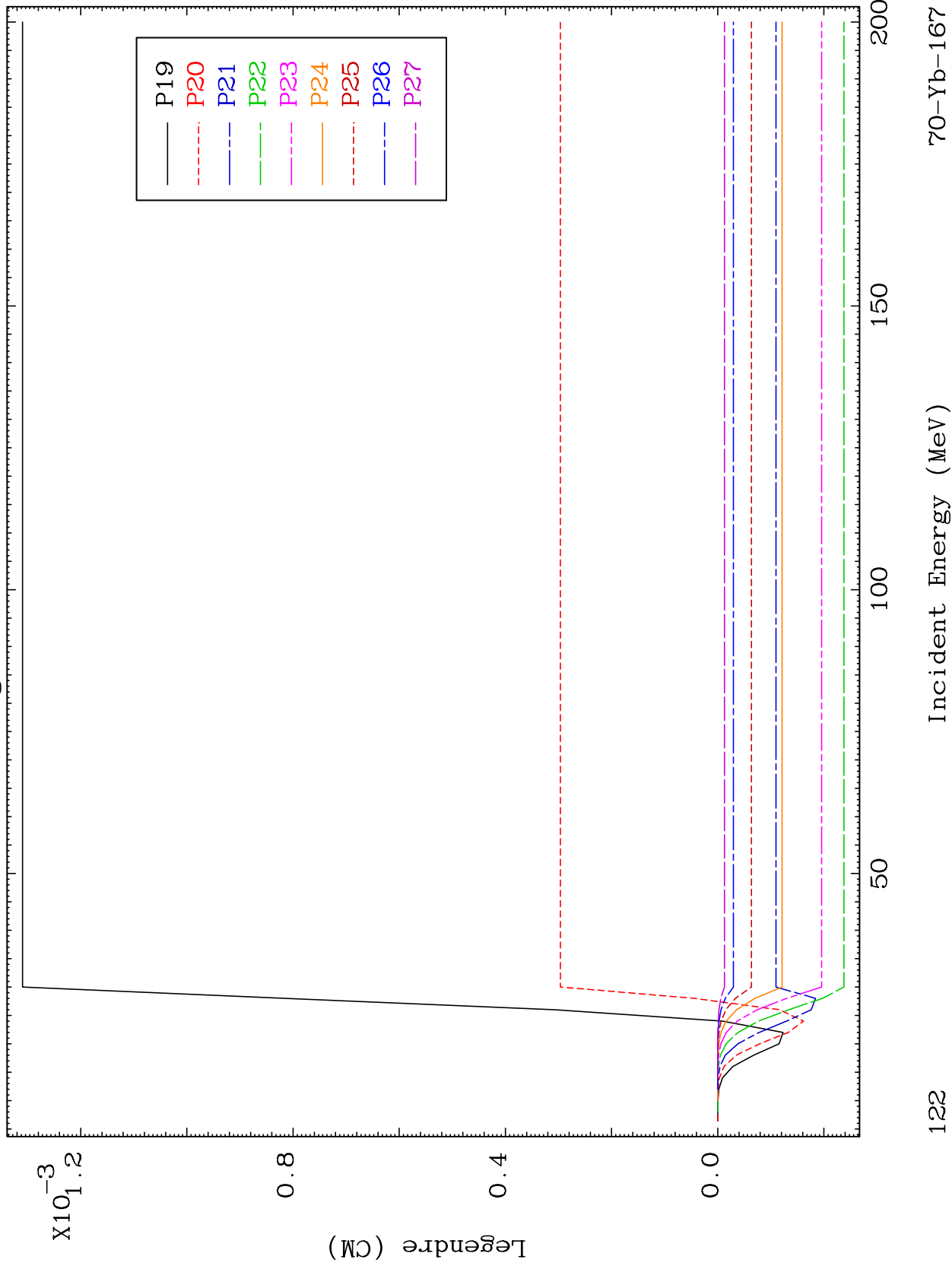
Incident Energy (MeV)

121

MAT 7022

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

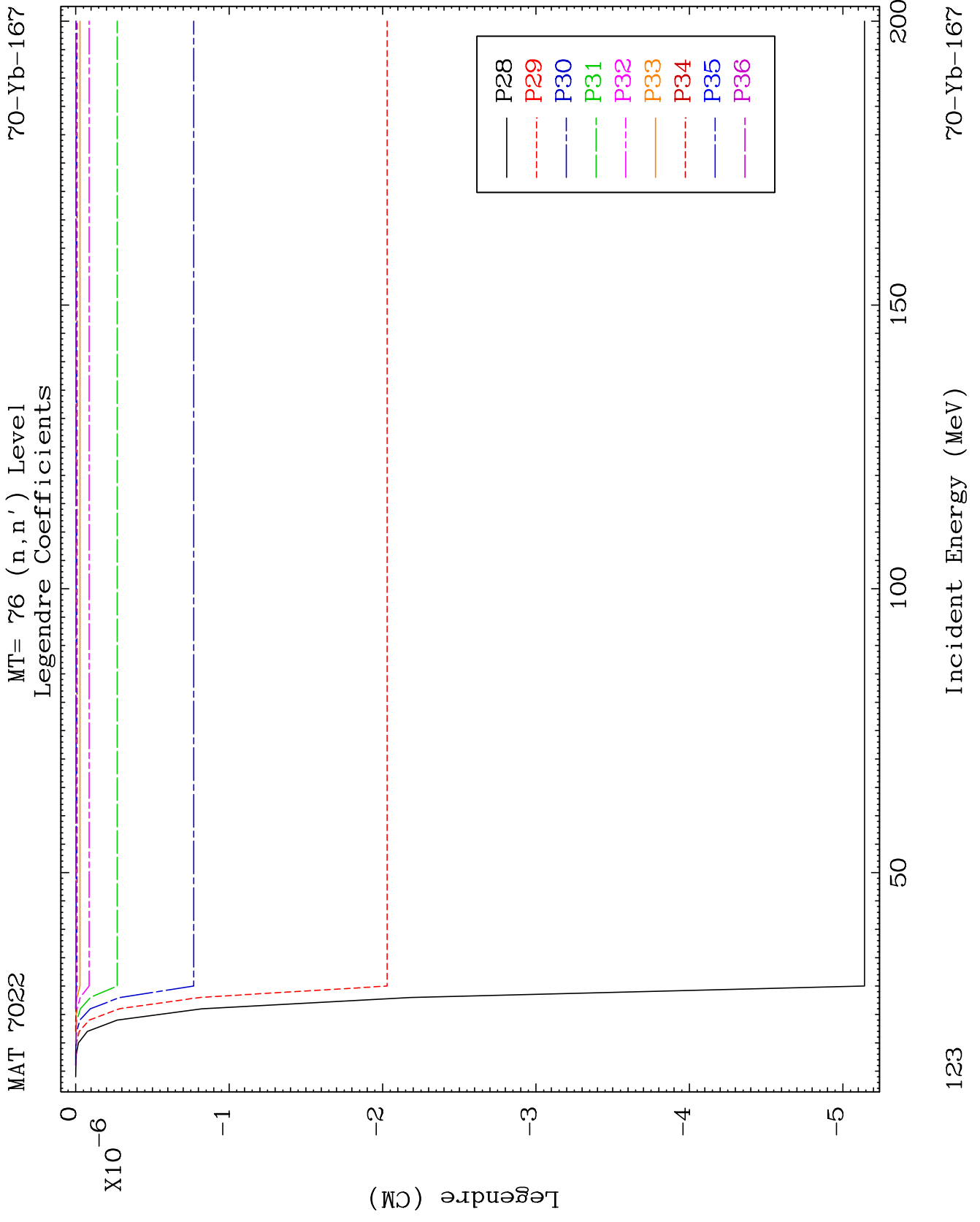
70-Yb-167

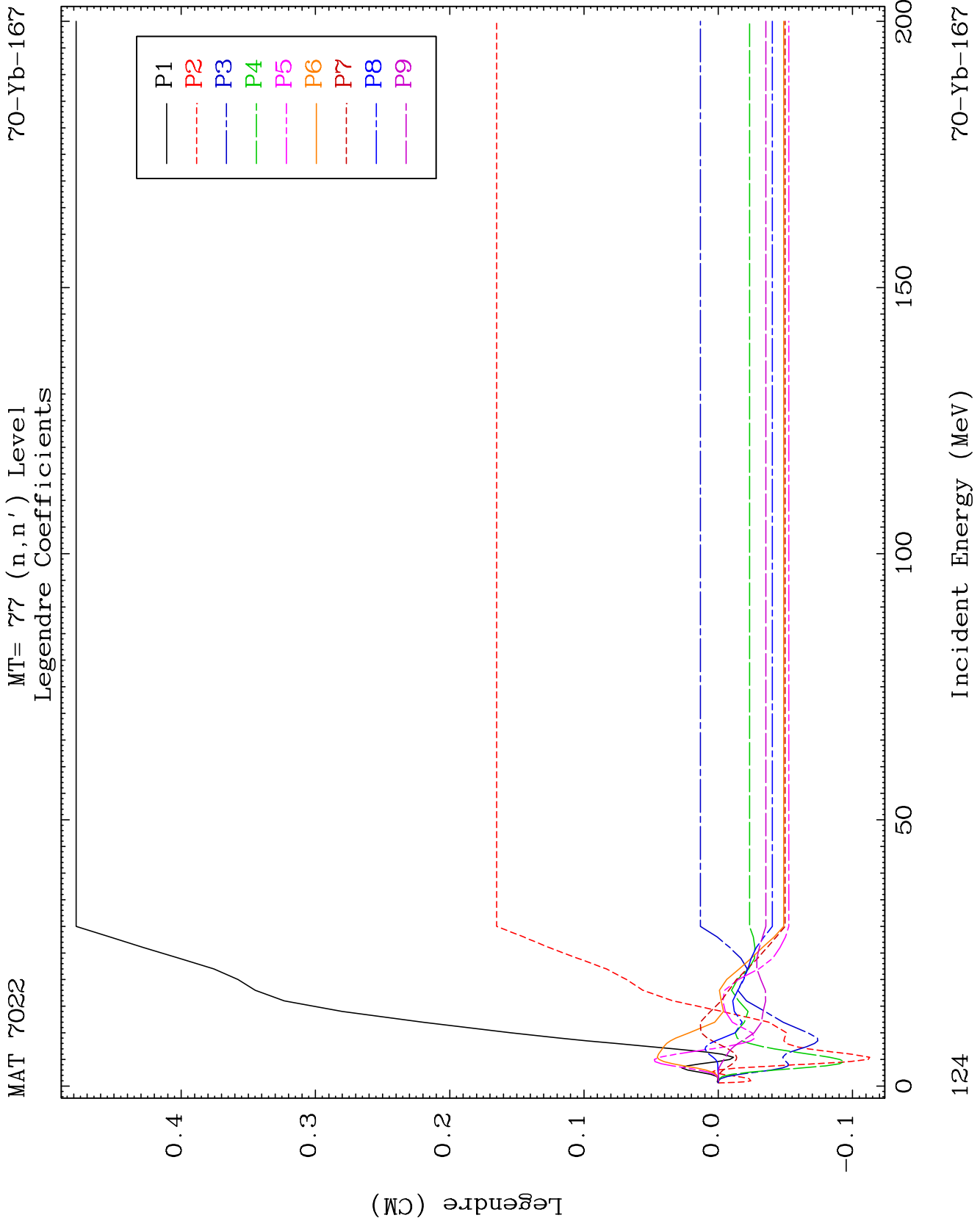


122

Incident Energy (MeV)

70-Yb-167

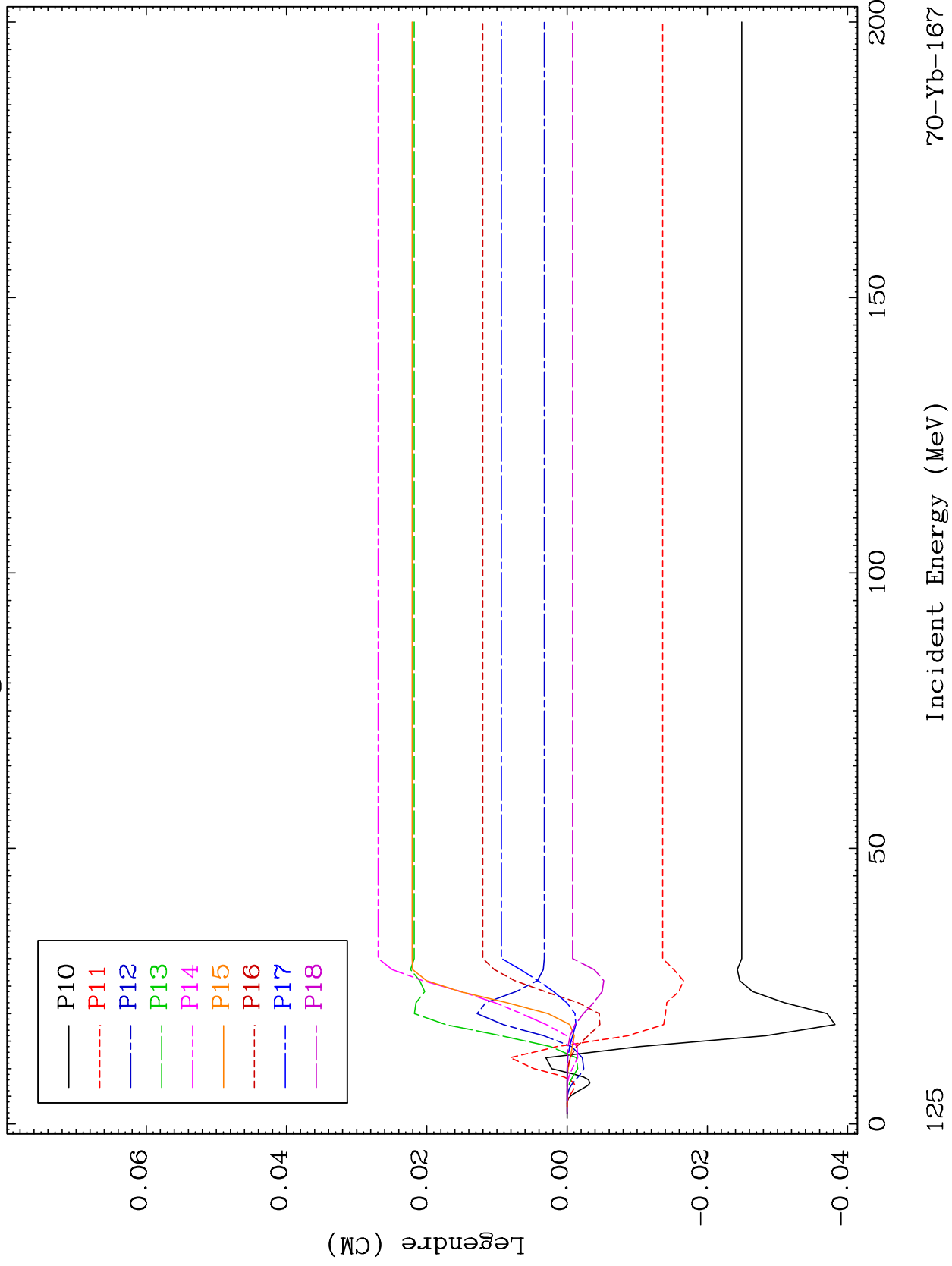




MAT 7022

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

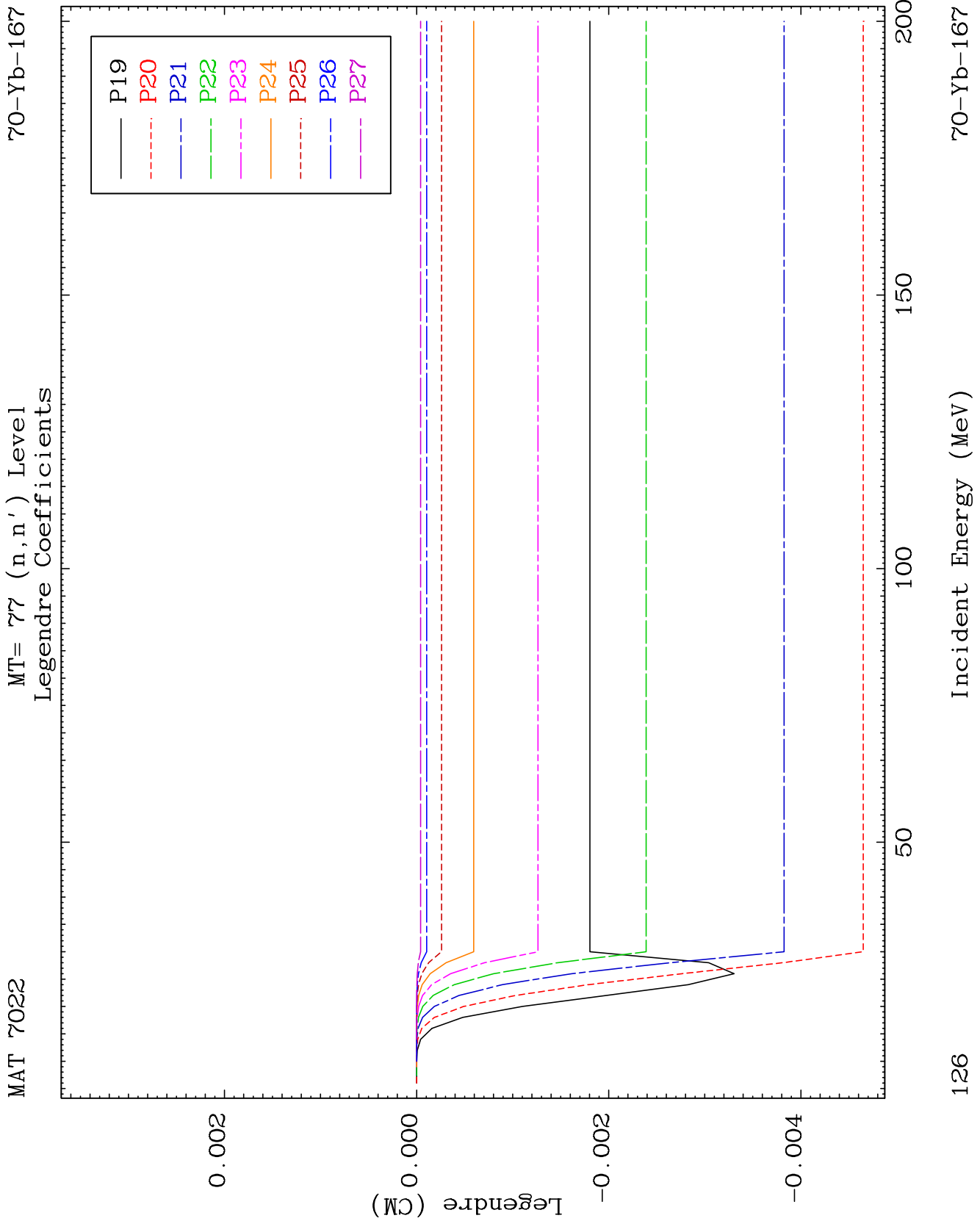
70-Yb-167

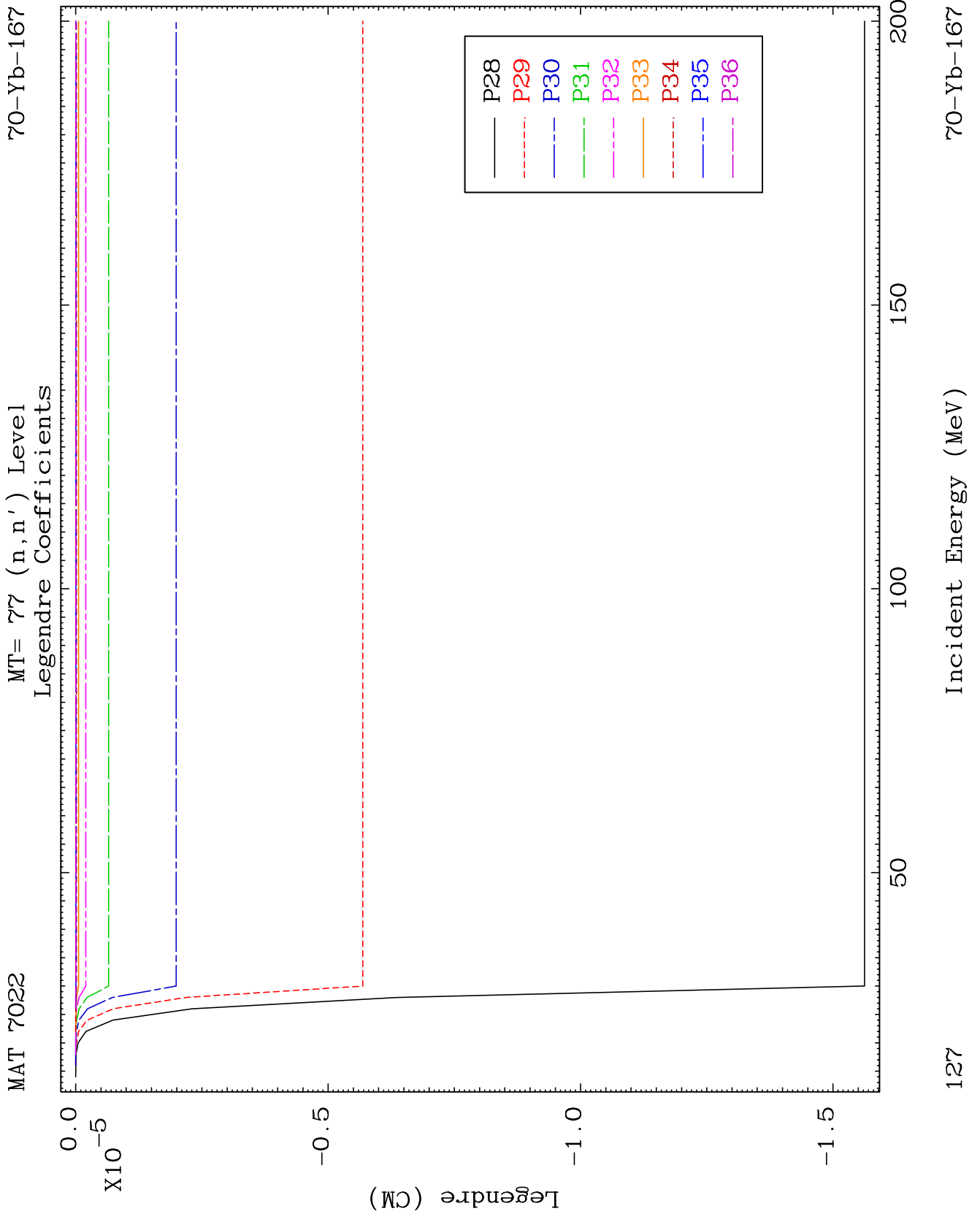


70-Yb-167

Incident Energy (MeV)

125

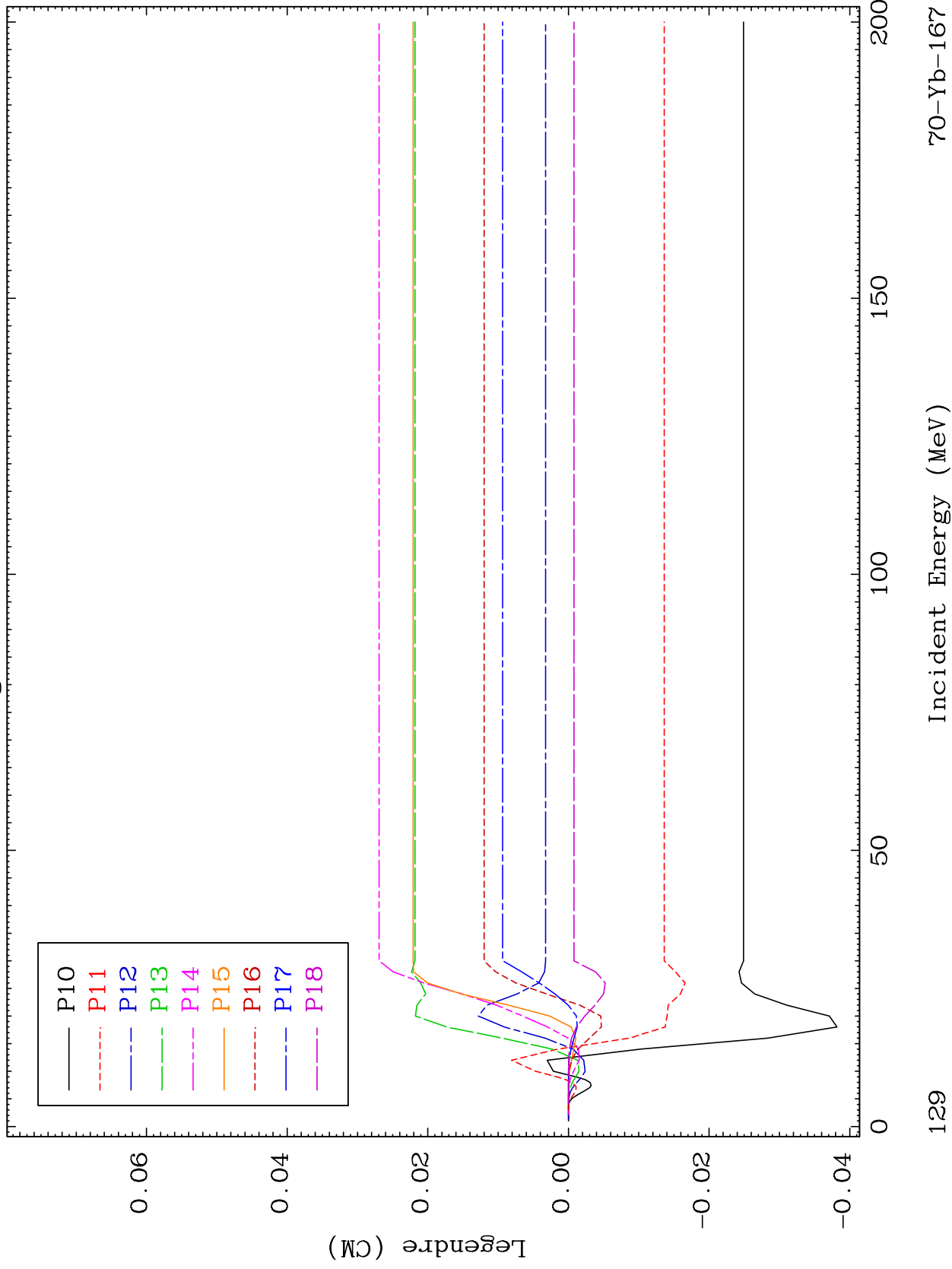




MAT 7022

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

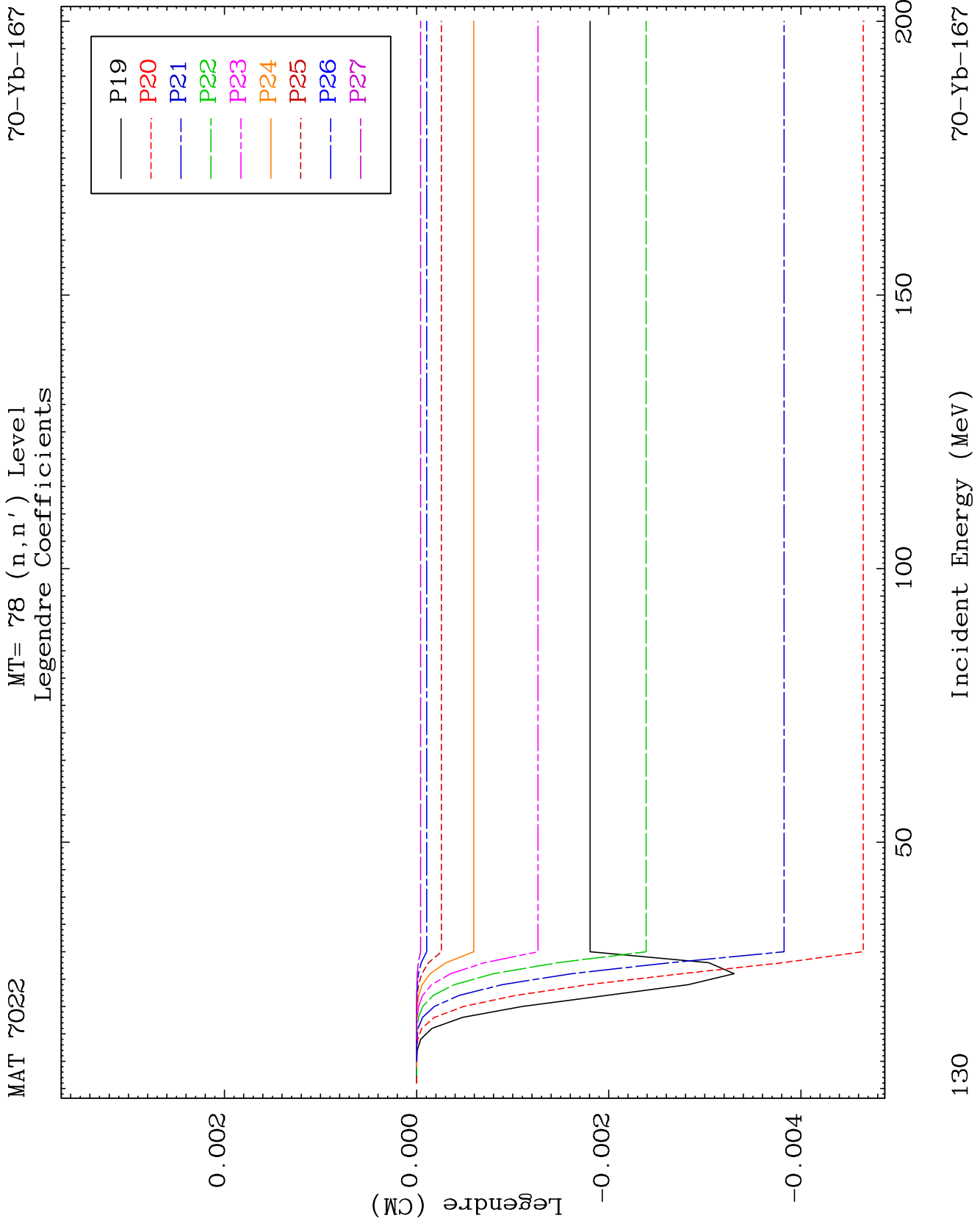
70-Yb-167

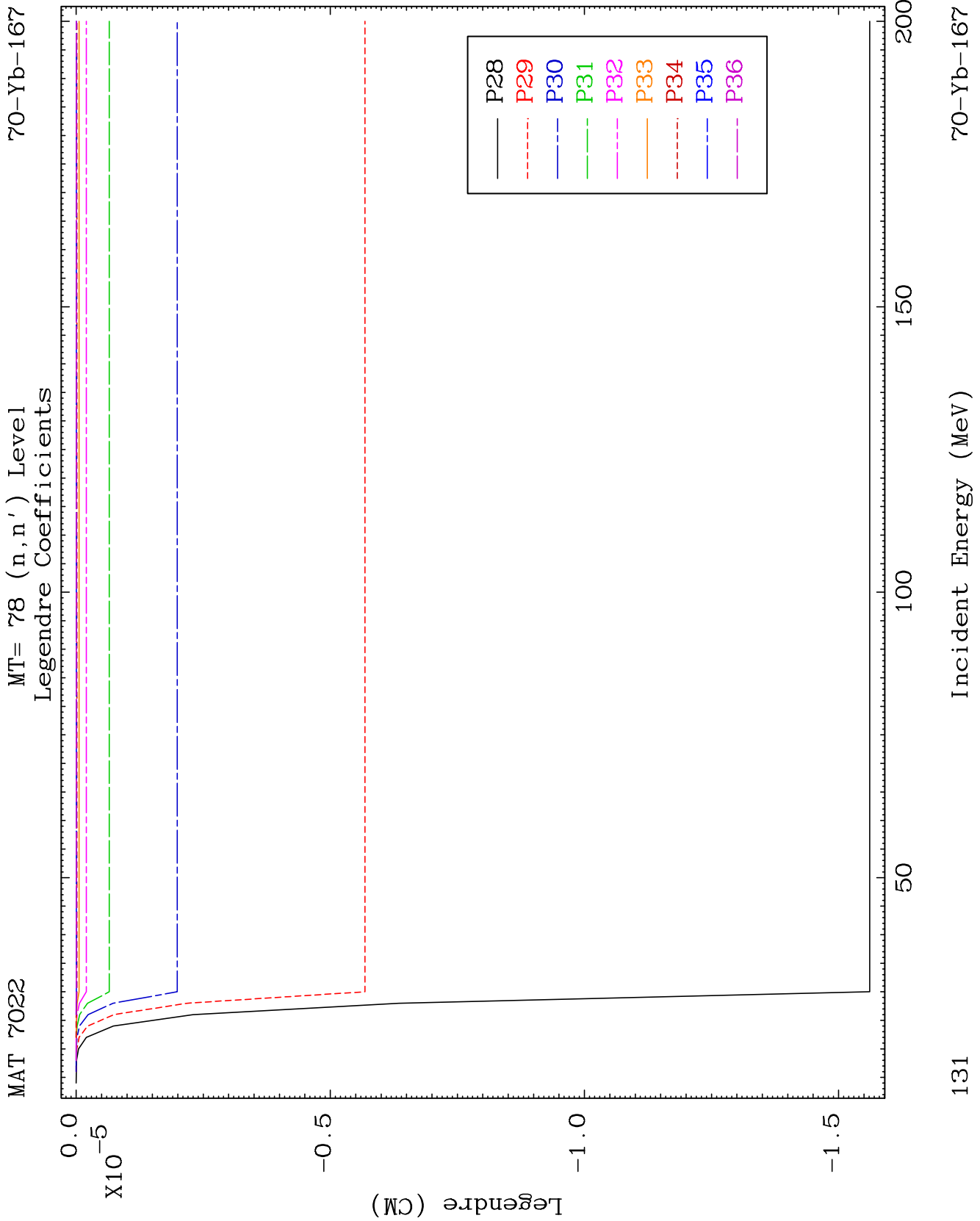


70-Yb-167

Incident Energy (MeV)

129

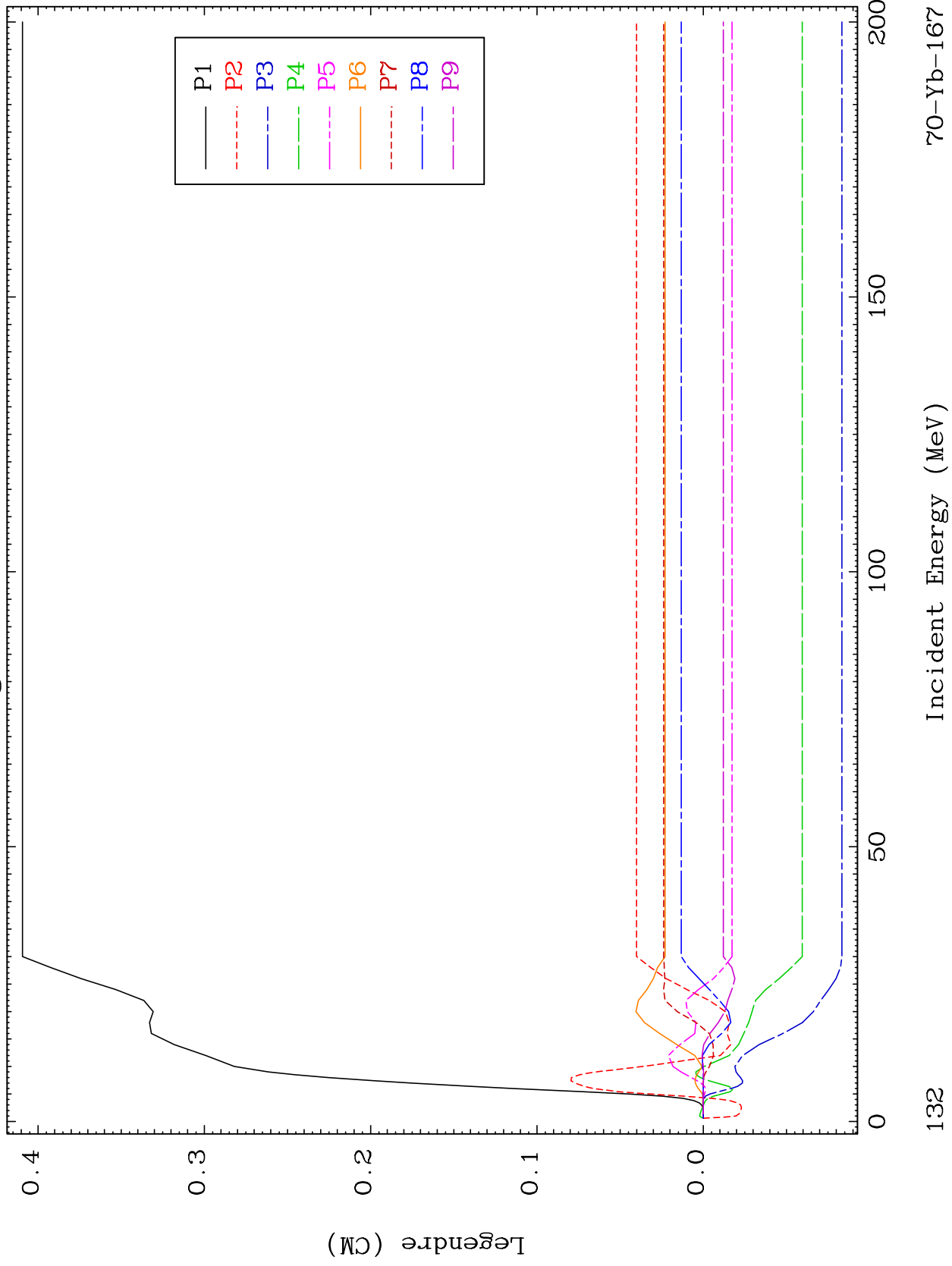




MAT 7022

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

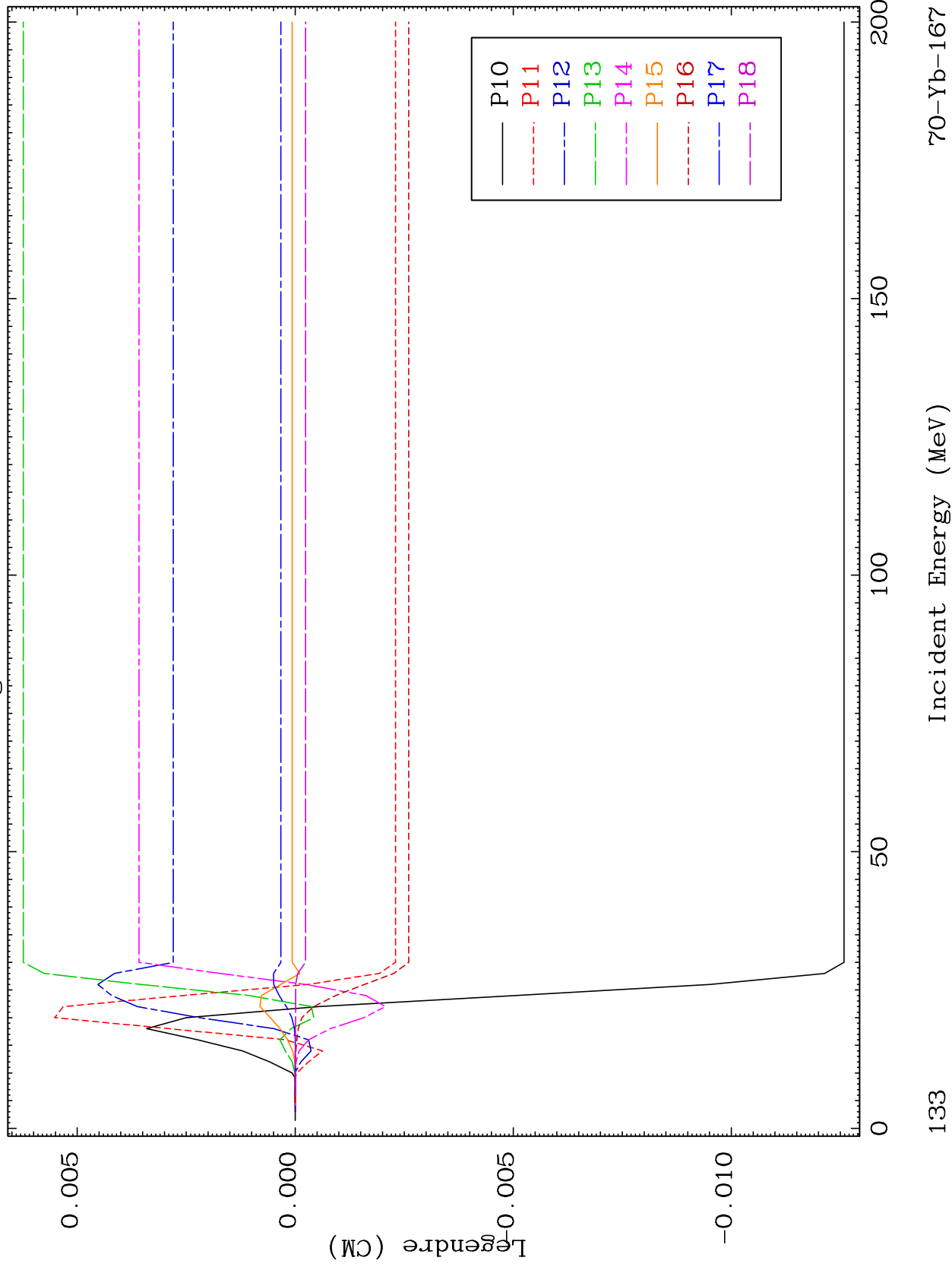
70-Yb-167



MAT 7022

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

70-Yb-167



133

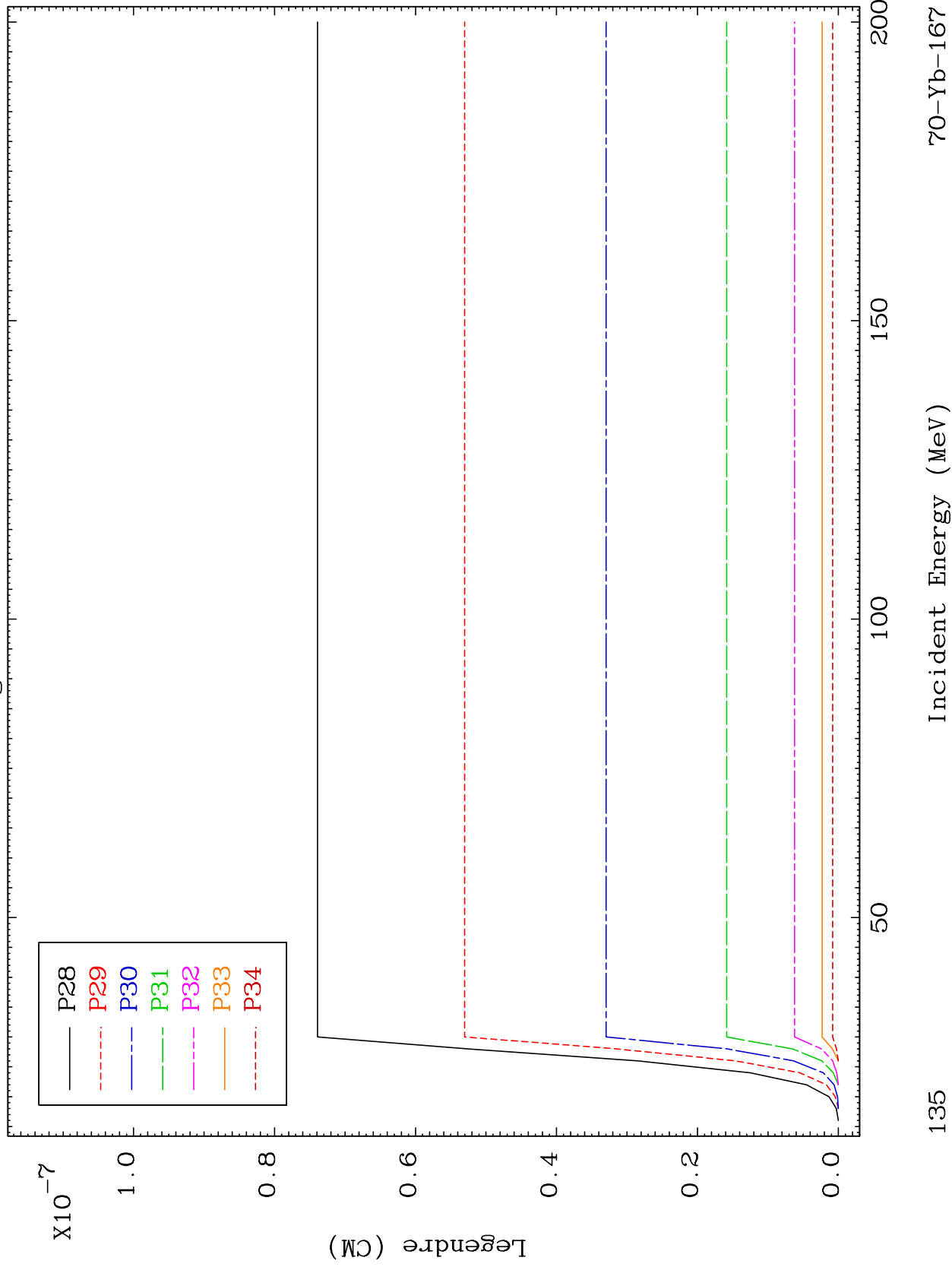
Incident Energy (MeV)

70-Yb-167

MAT 7022

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

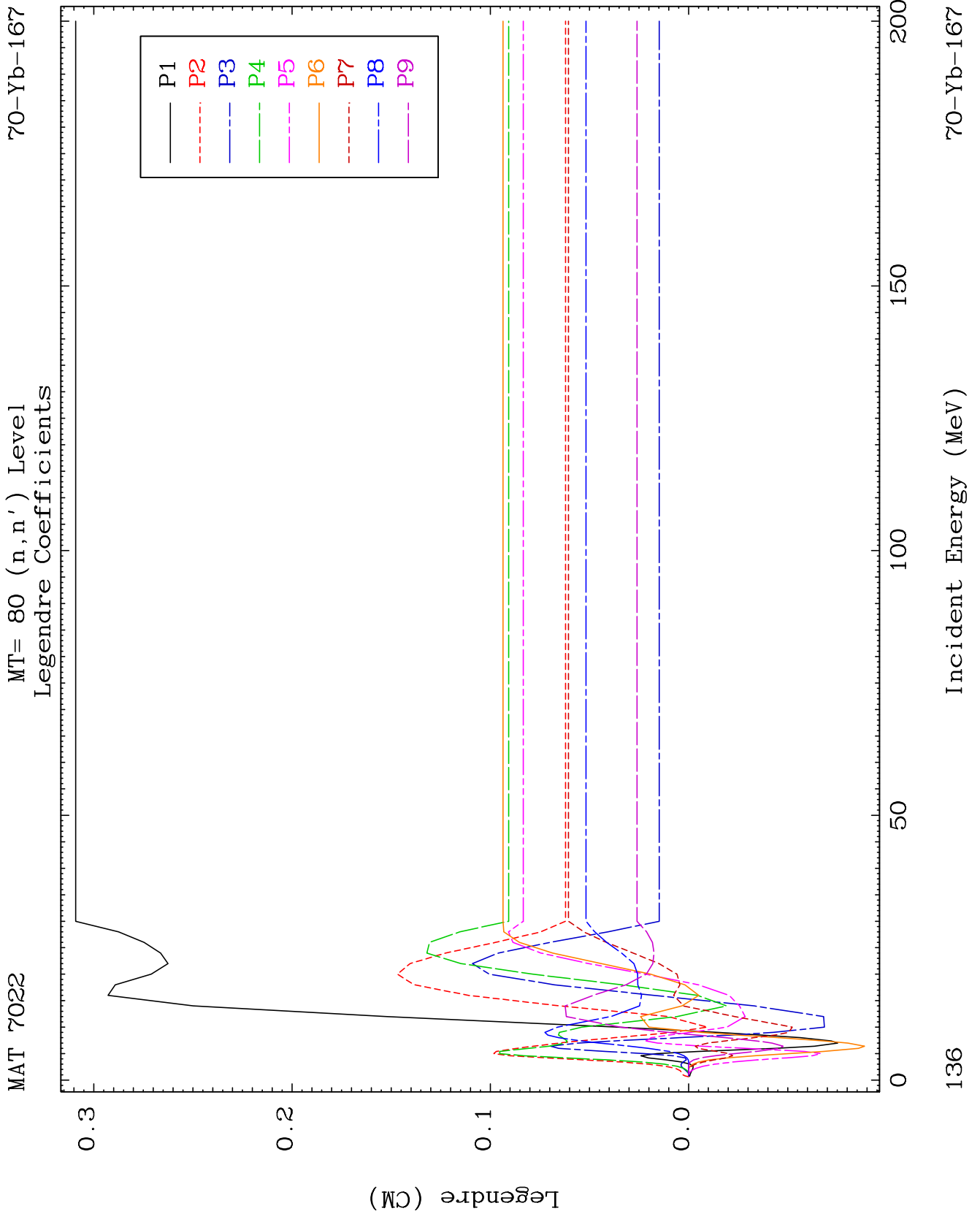
70-Yb-167

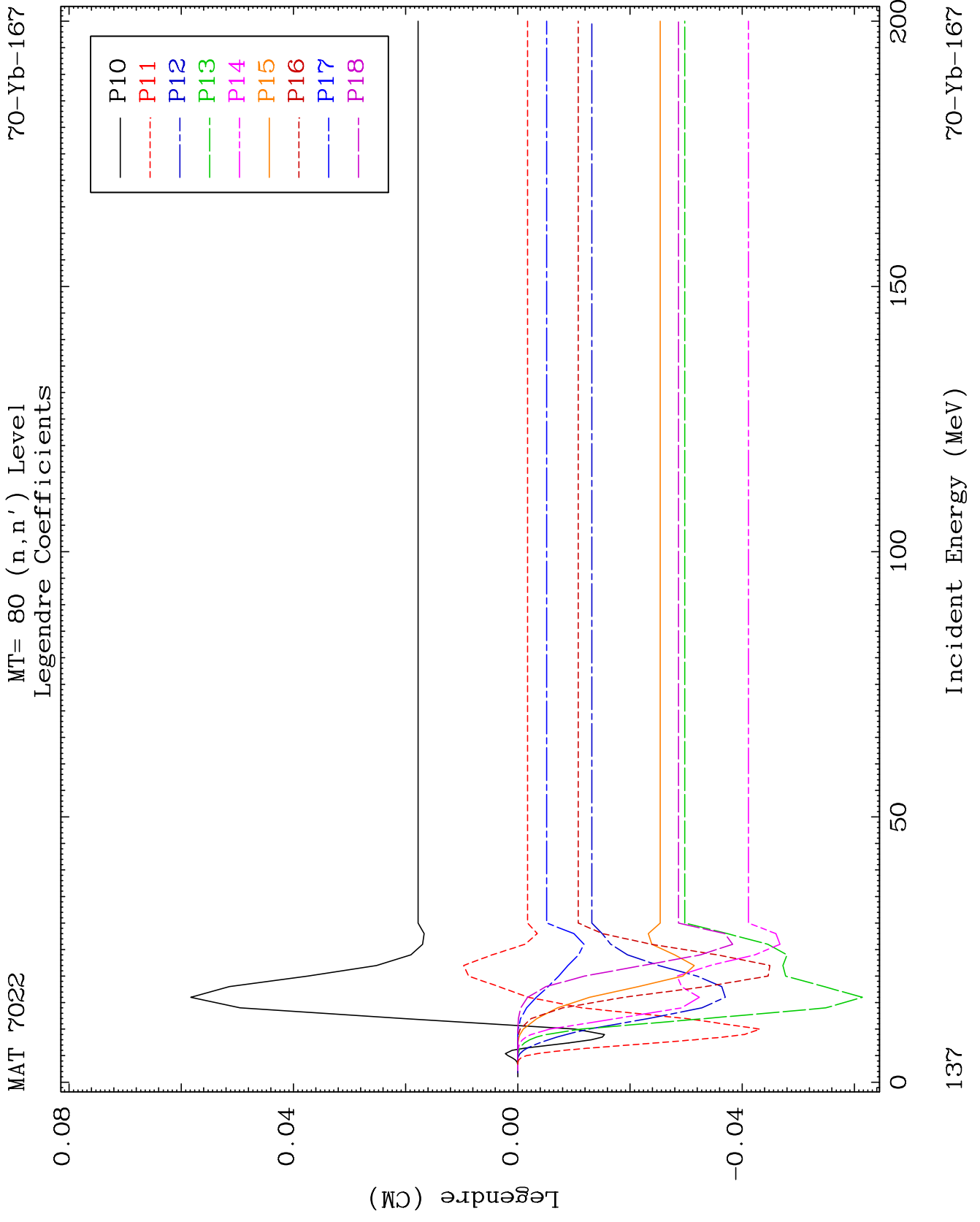


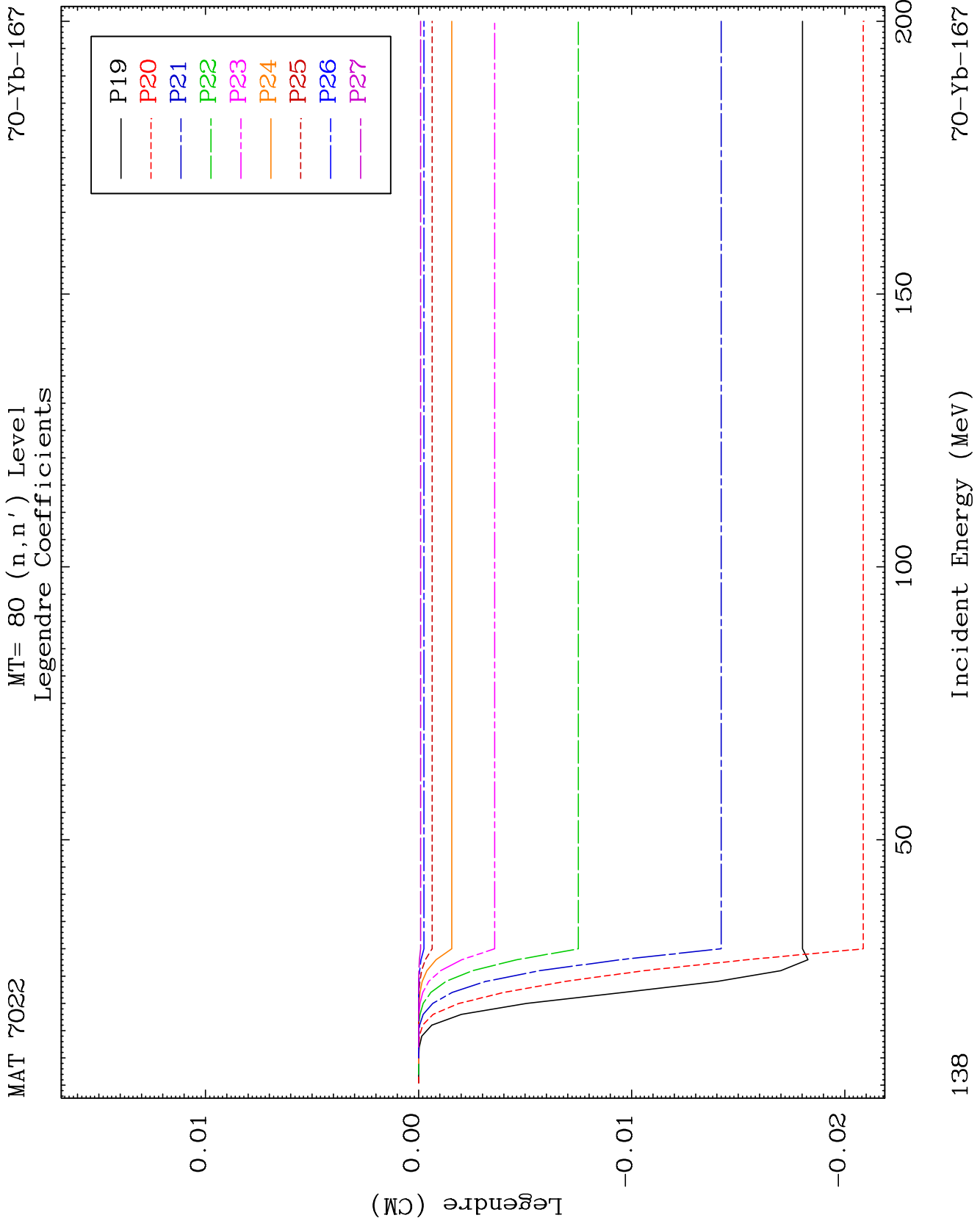
135

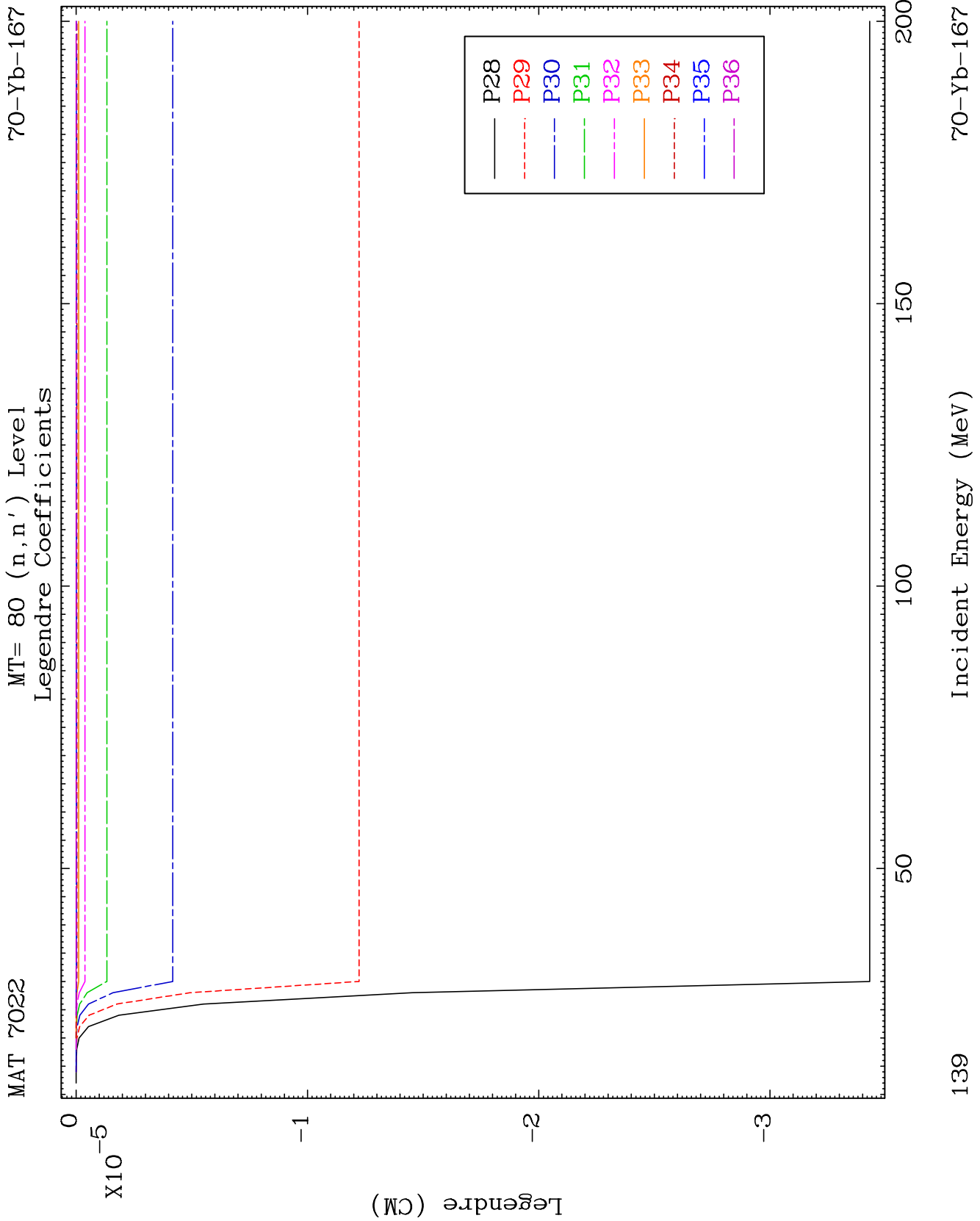
Incident Energy (MeV)

70-Yb-167







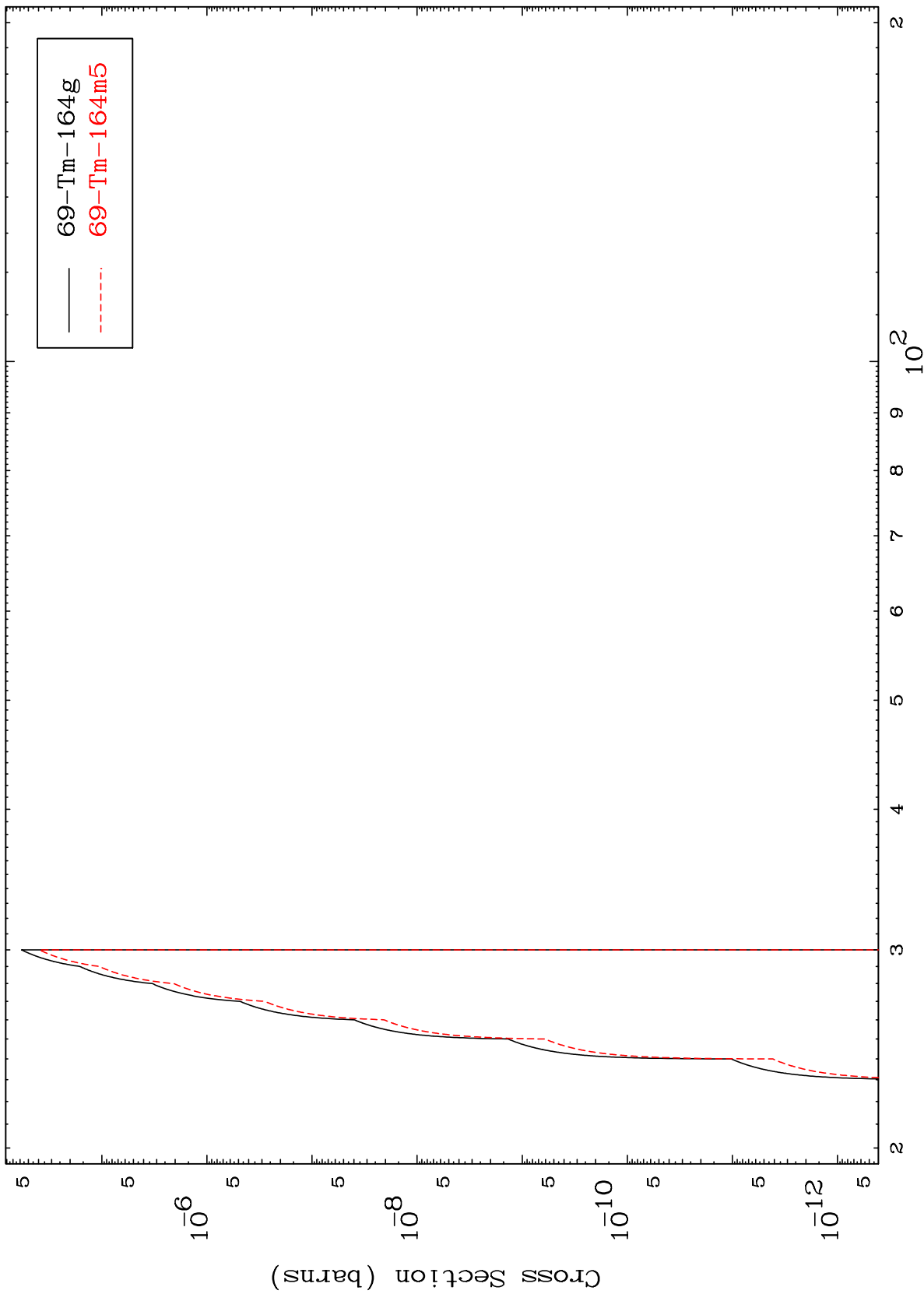


MAT 7022

(n,2n) d

70-Yb-167

Radionuclide Production Cross Section

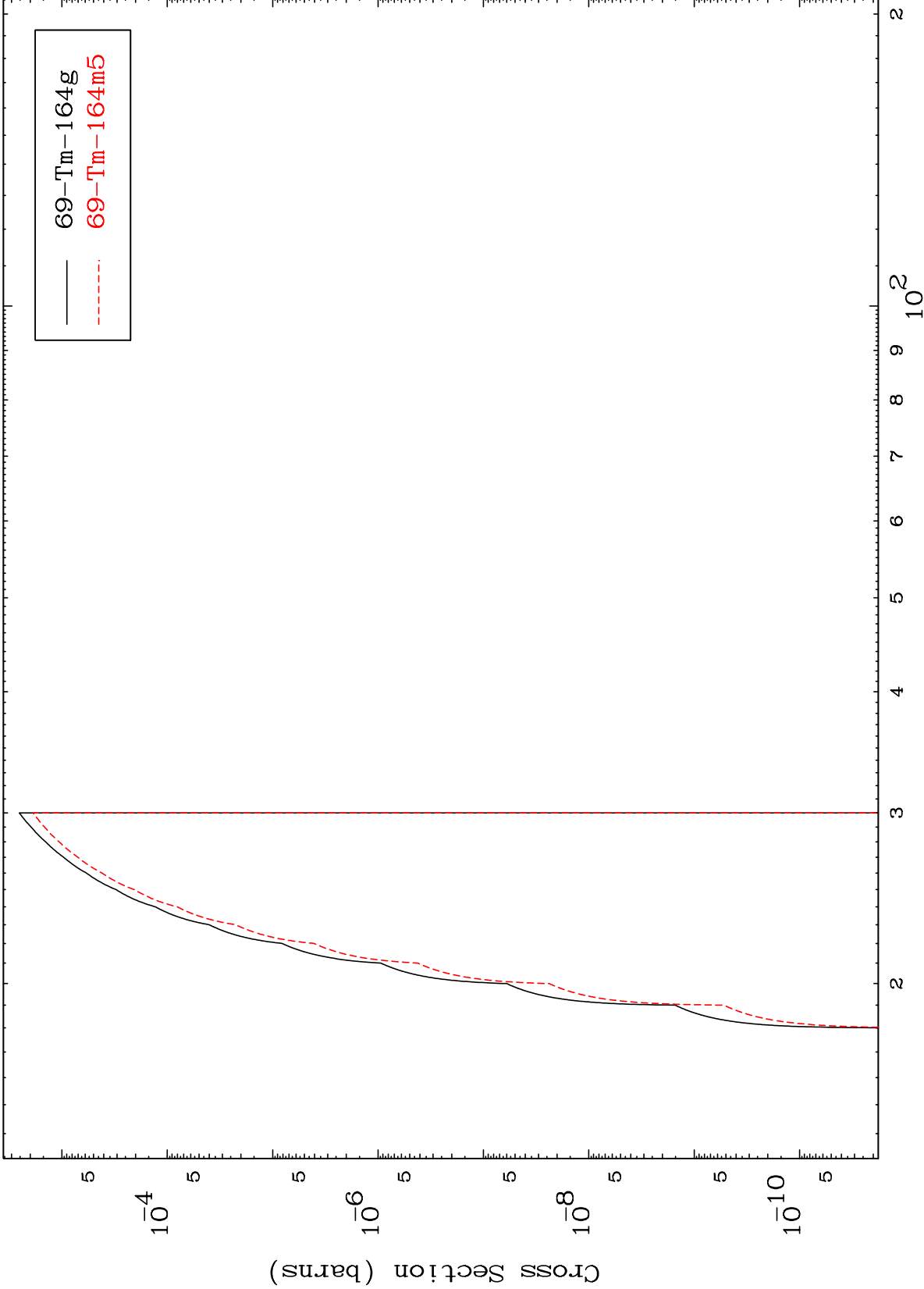


140

Incident Energy (MeV)

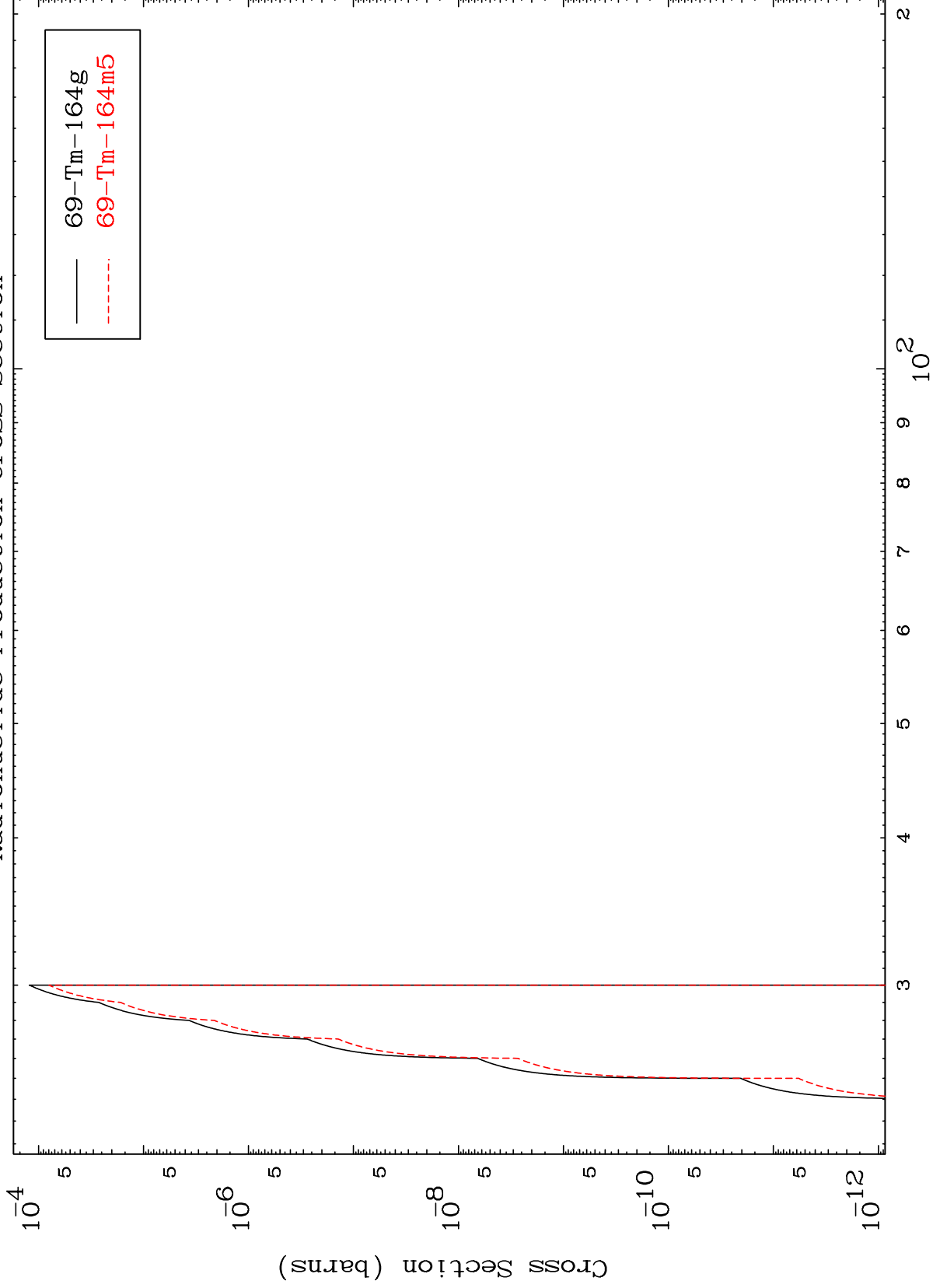
70-Yb-167

Radionuclide Production Cross Section



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

Radionuclide Production Cross Section

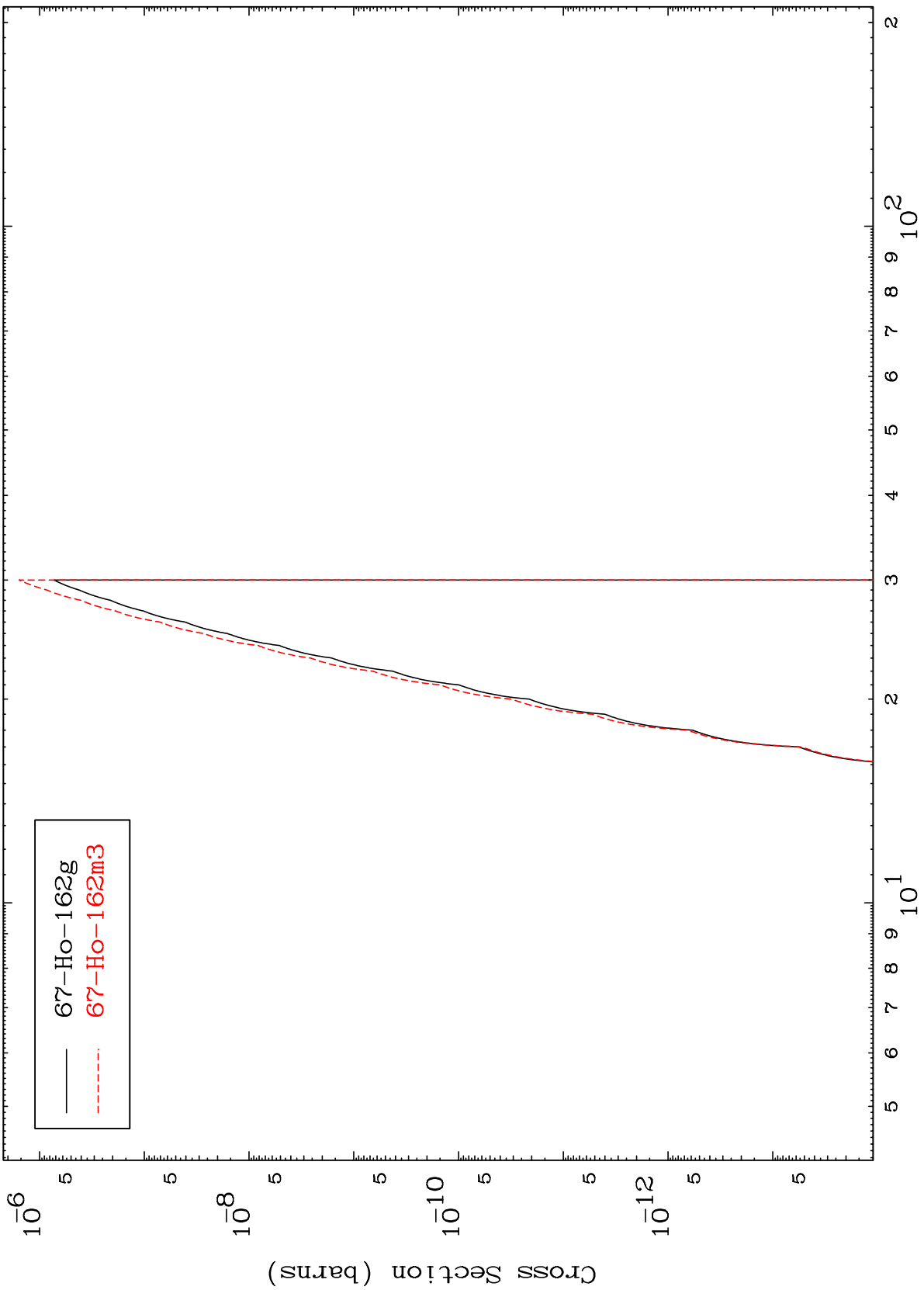


MAT 7022

(n,n') p α

70-Yb-167

Radionuclide Production Cross Section



143

Incident Energy (MeV)

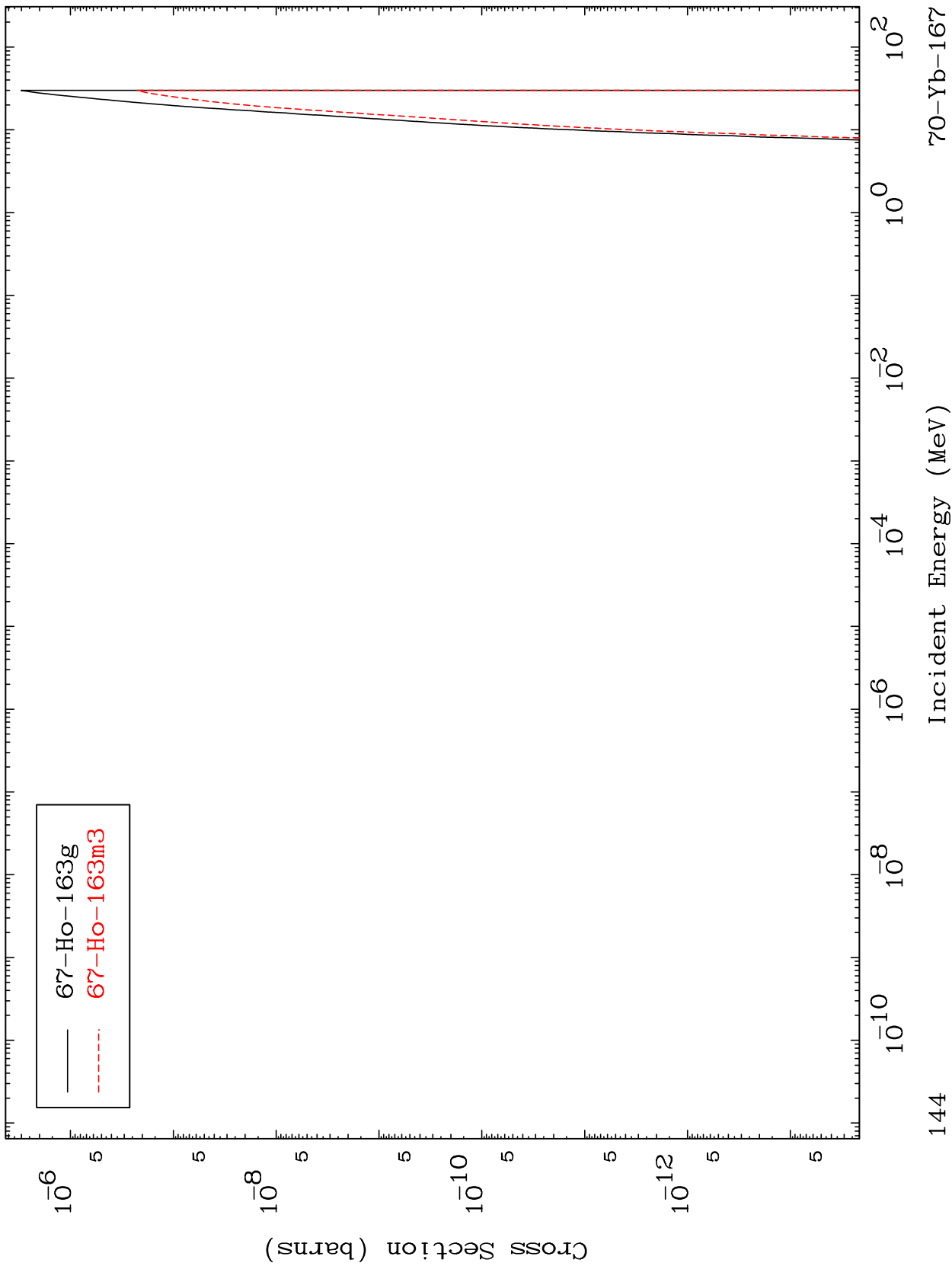
70-Yb-167

MAT 7022

(n,p) α

$^{70}\text{Yb-167}$

Radionuclide Production Cross Section



Radionuclide Production Cross Section

