

Program EVALPLOT
(Version 2021-1)

by

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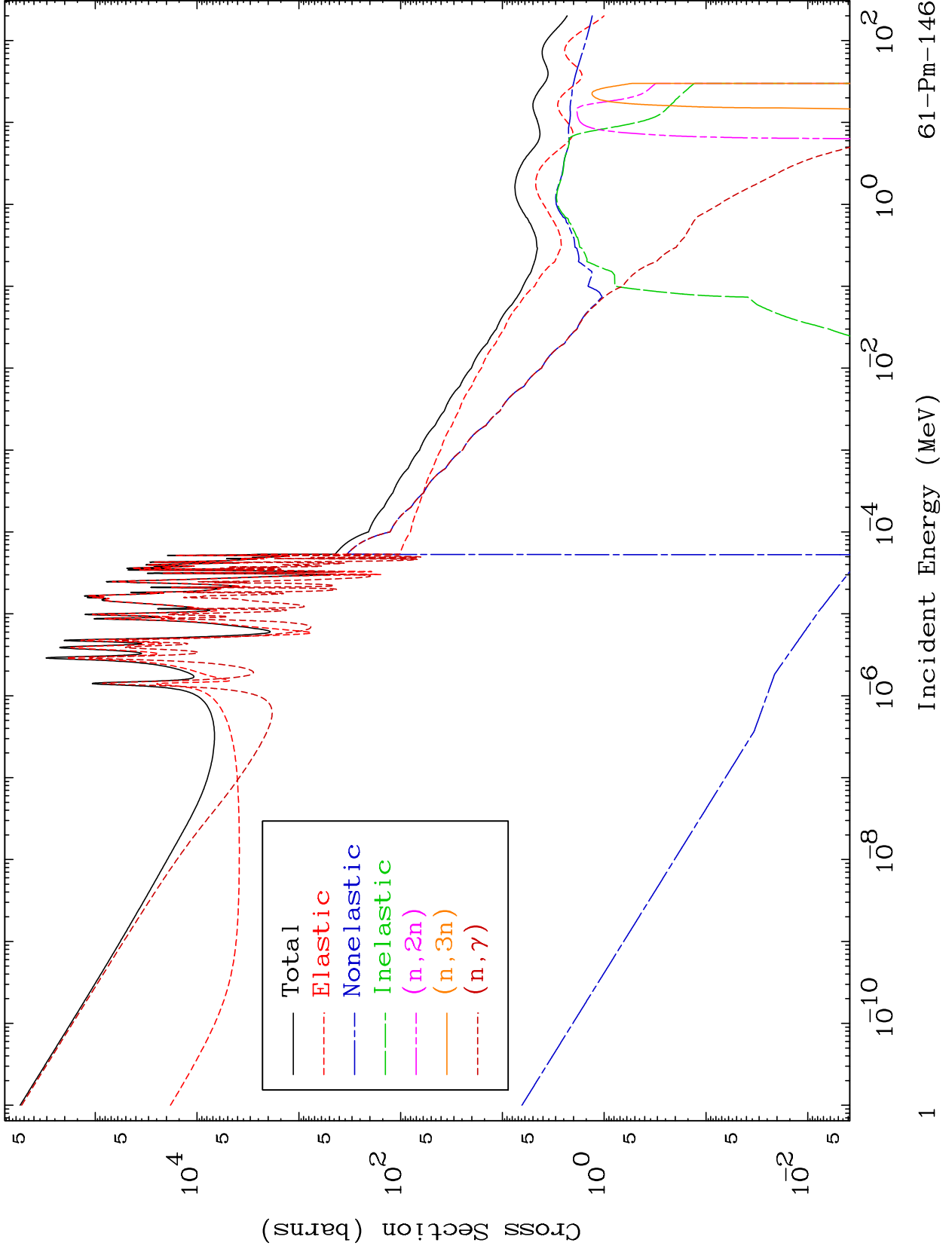
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Press Mouse Button to Start

MAT 6146

Neutron Major
293 Kelvin Cross Sections

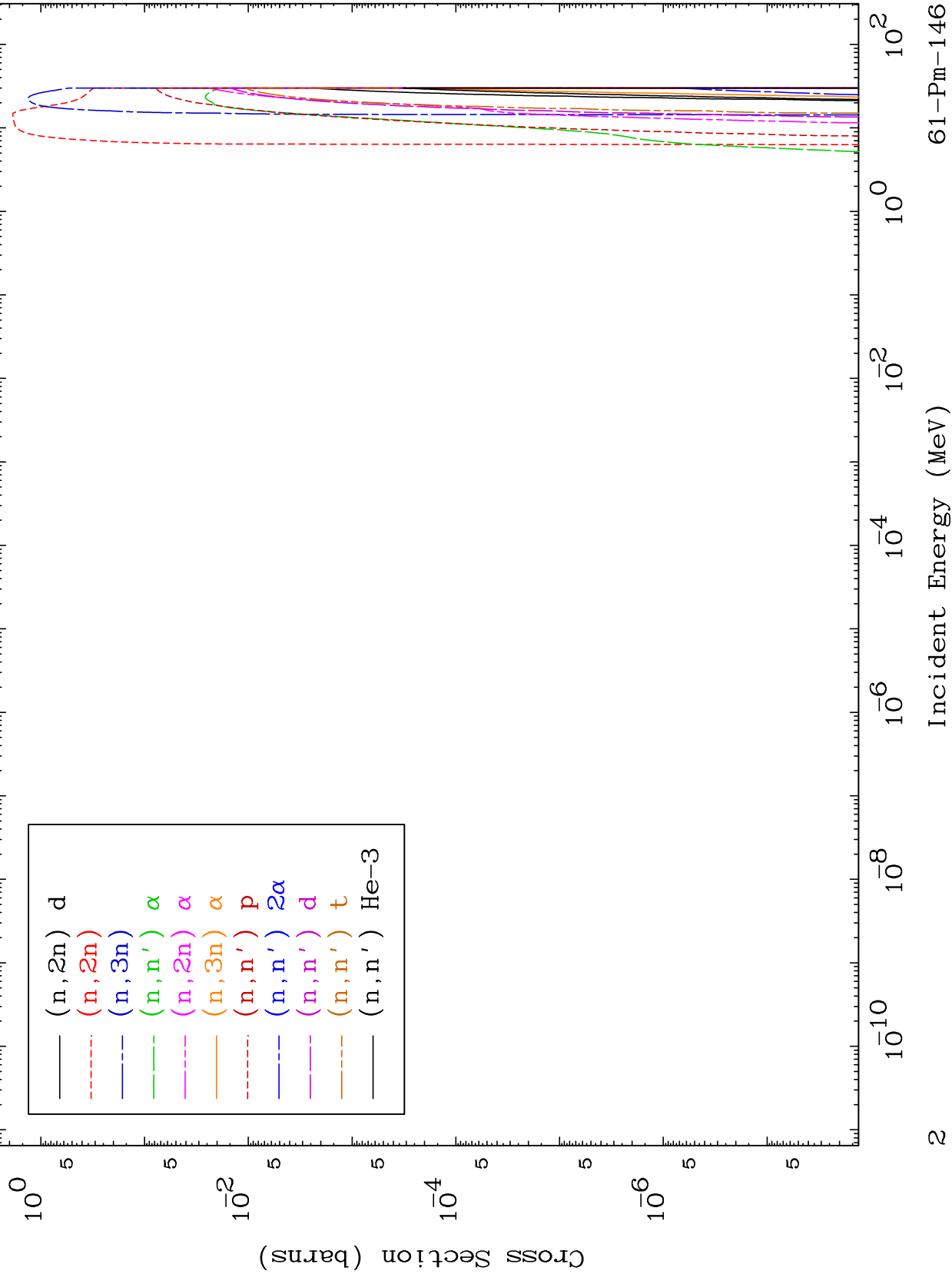
61-Pm-146



MAT 6146

Neutron Absorption
293 Kelvin Cross Sections

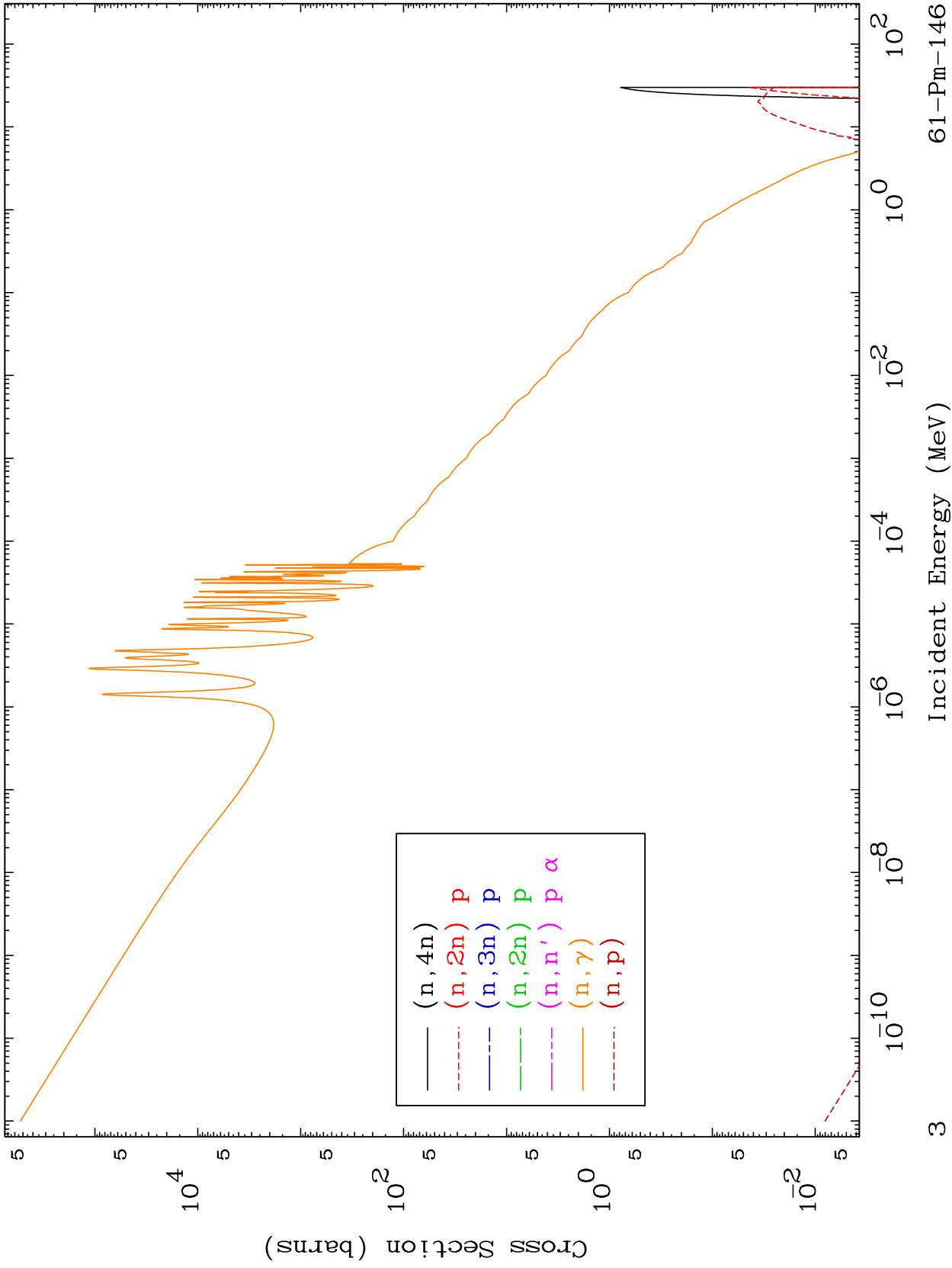
61-Pm-146



MAT 6146

Neutron Absorption
293 Kelvin Cross Sections

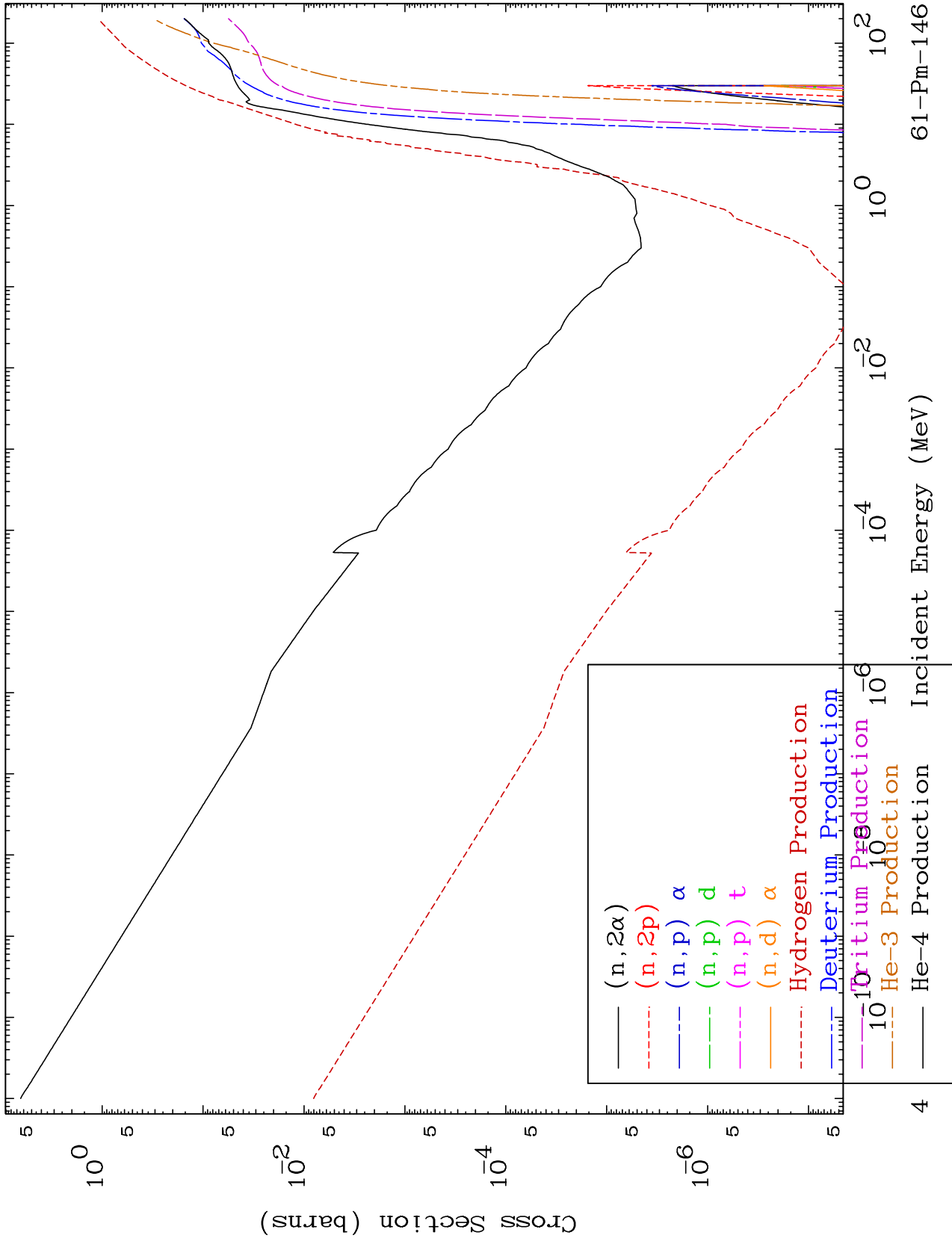
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MAT 6146

Neutron Absorption
293 Kelvin Cross Sections

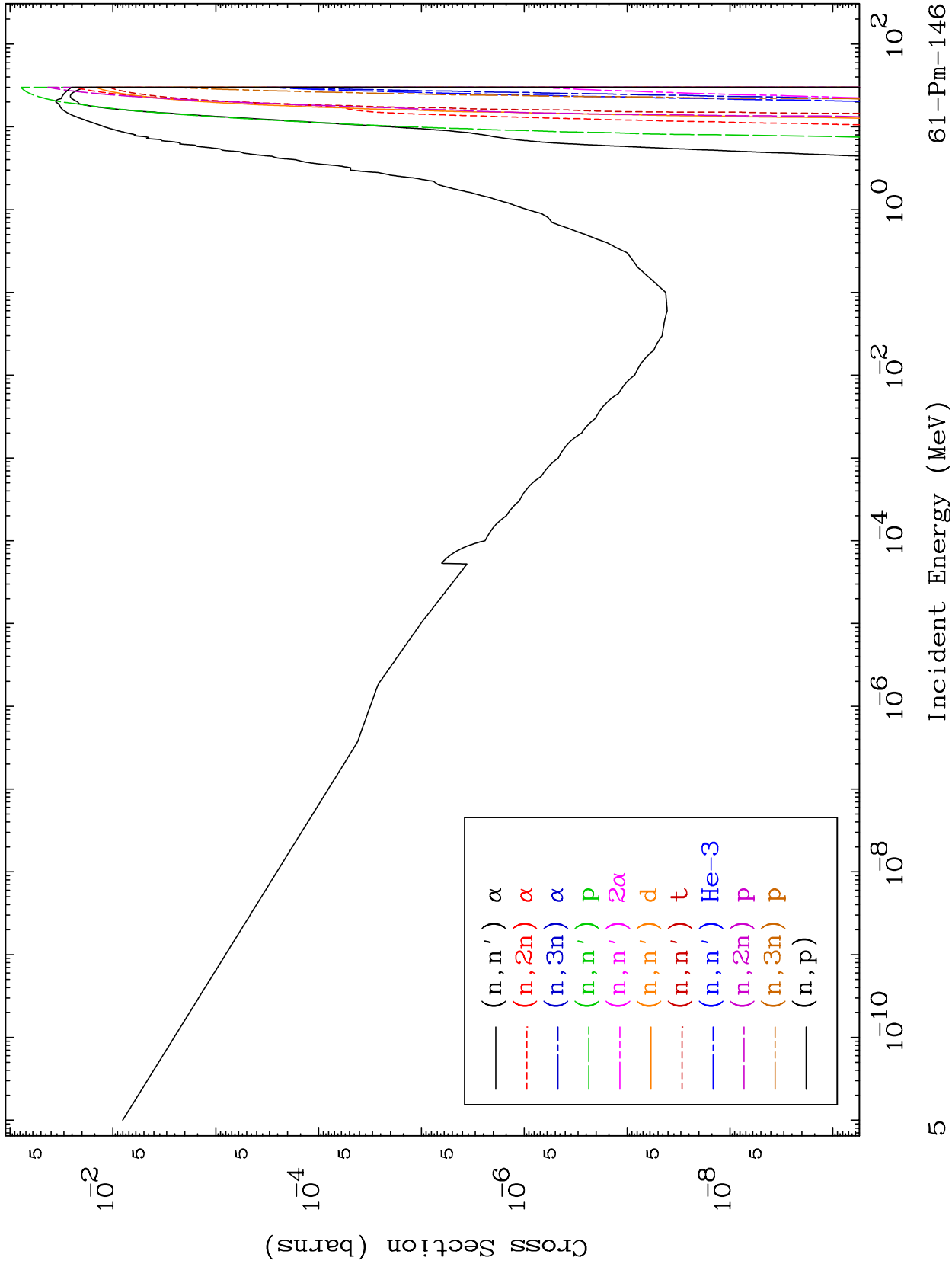
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MAT 6146

Charged Particle
293 Kelvin Cross Sections

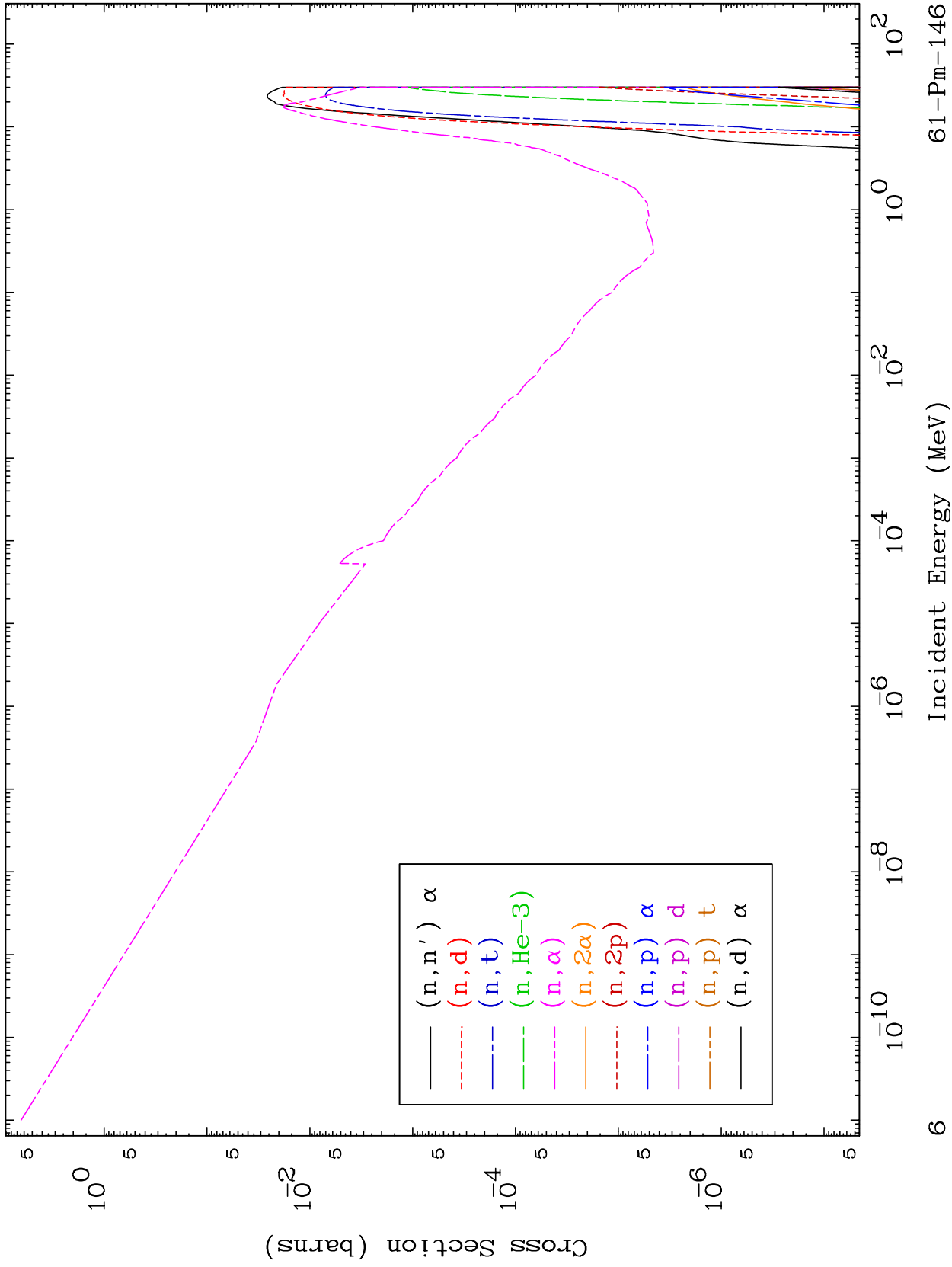
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MAT 6146

Charged Particle
293 Kelvin Cross Sections

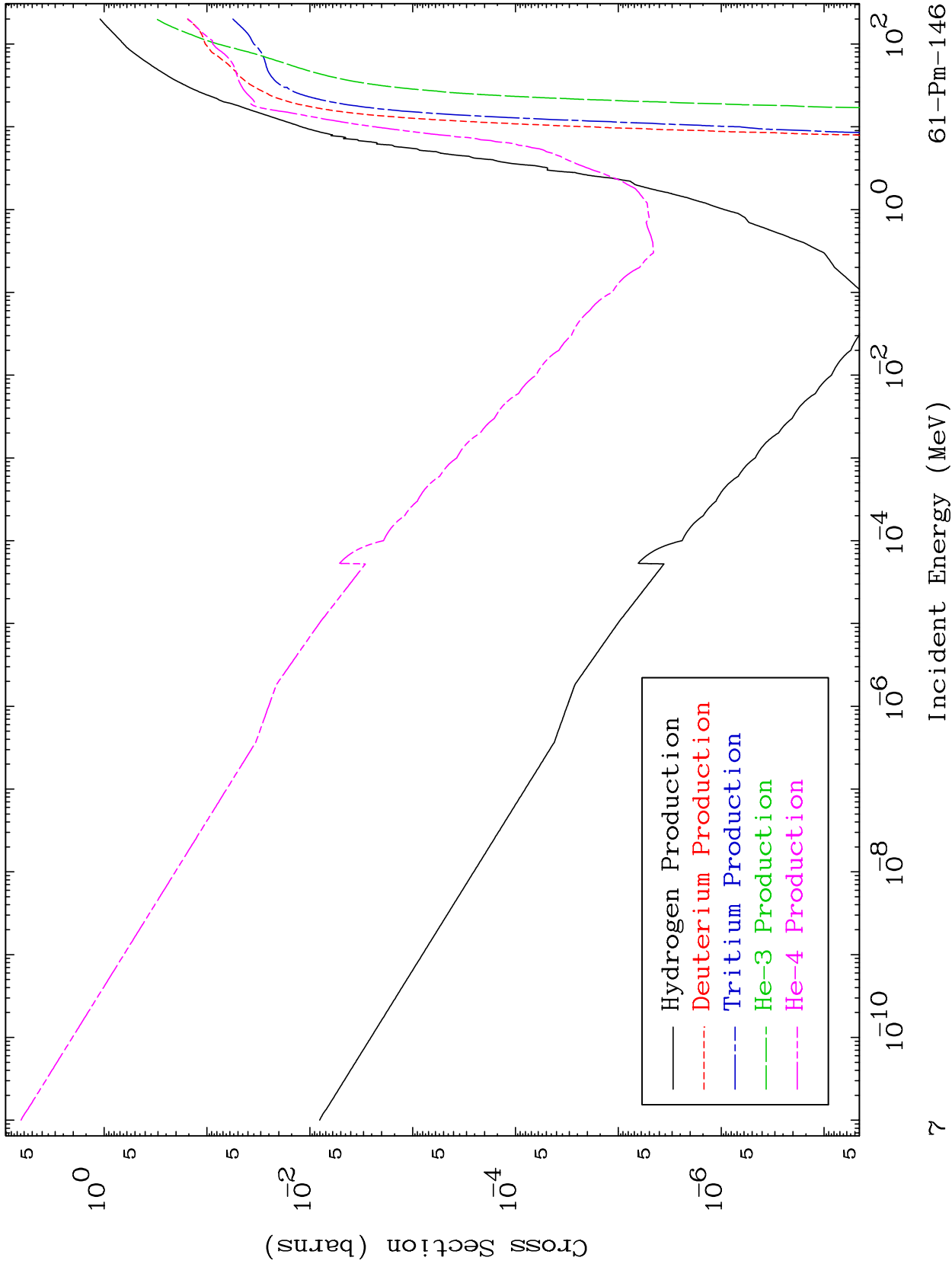
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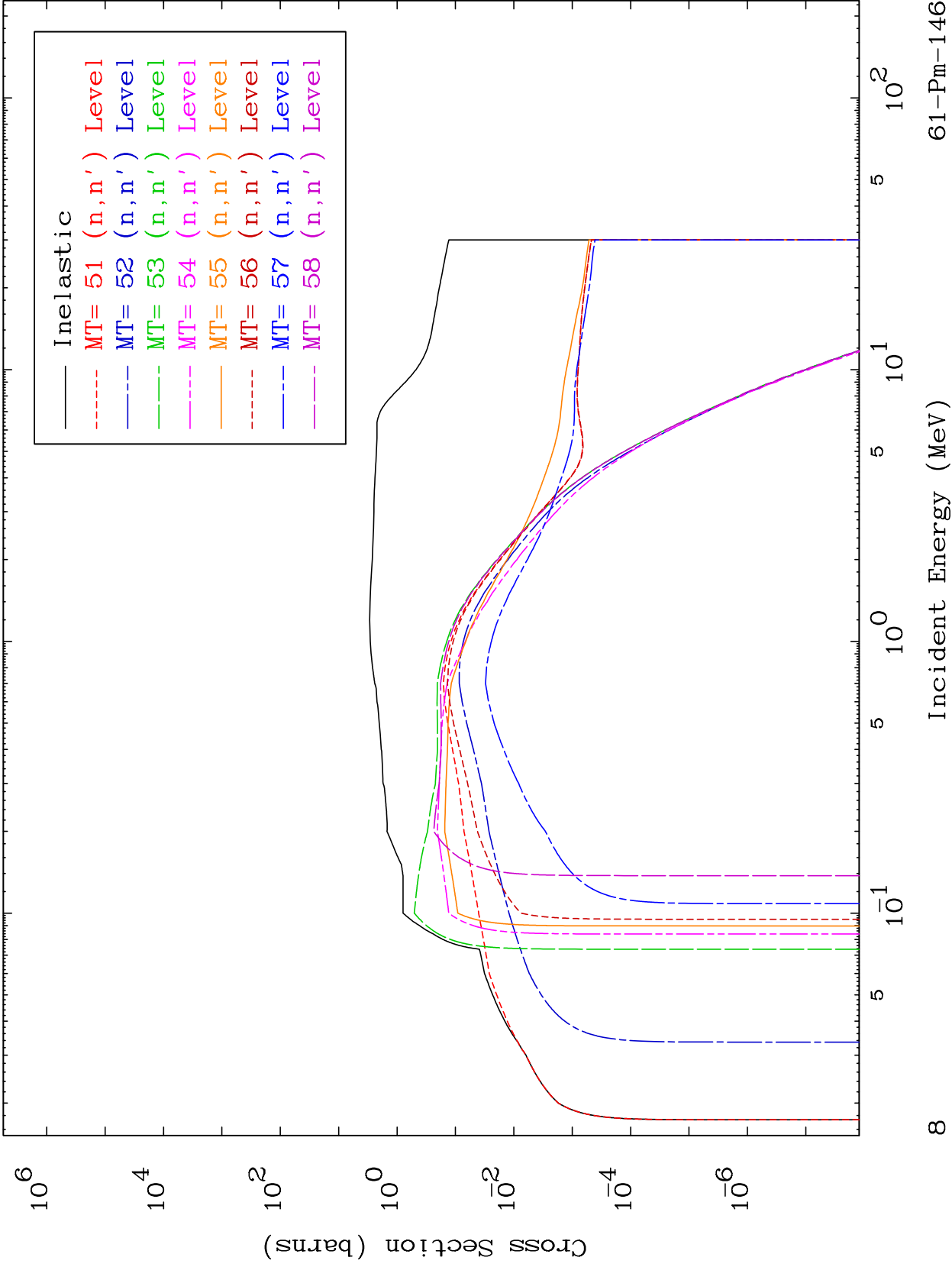
MAT 6146

Particle Production
293 Kelvin Cross Sections

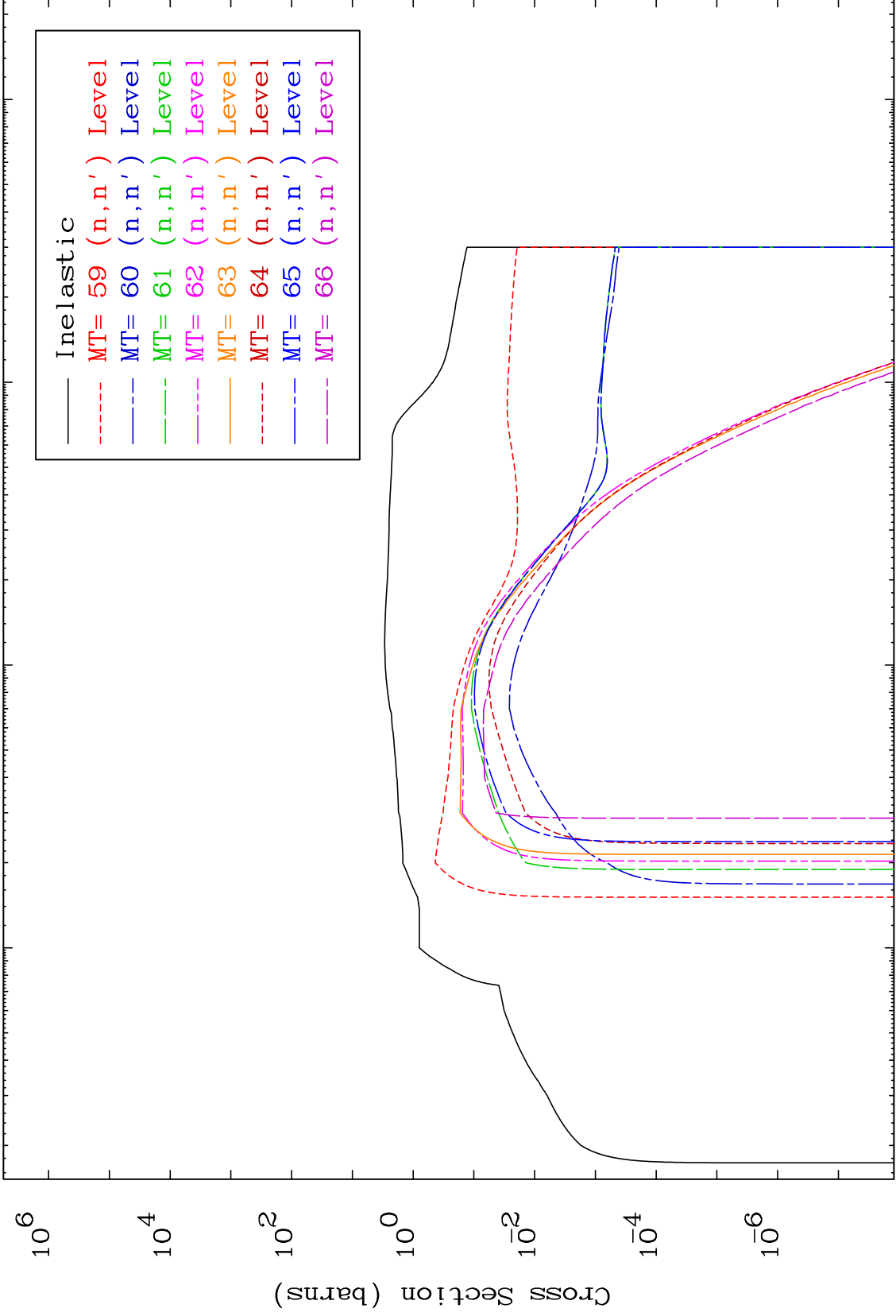
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293 Kelvin Cross Sections



293 Kelvin Cross Sections

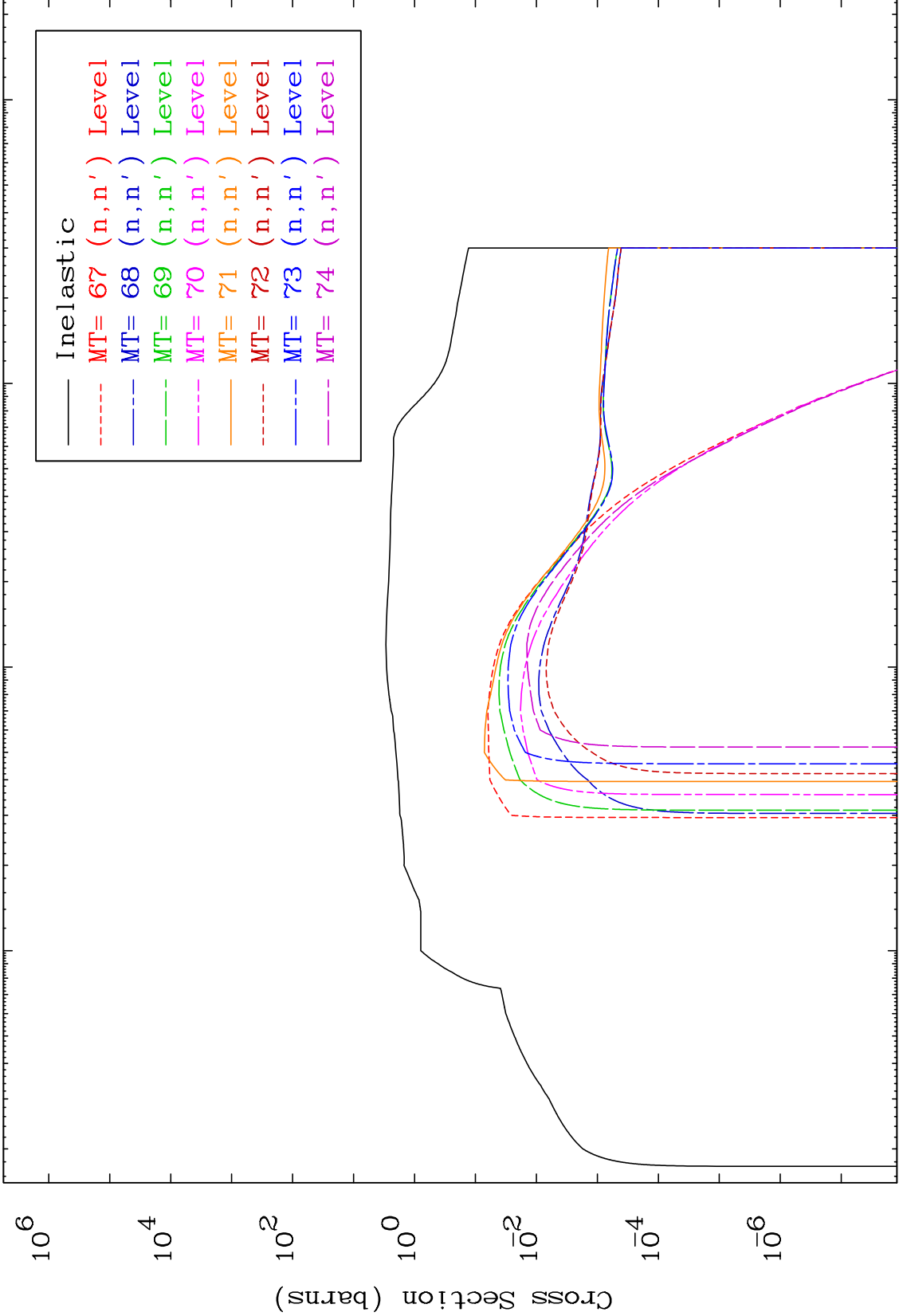


MAT 6146

(n,n') Levels

61-Pm-146

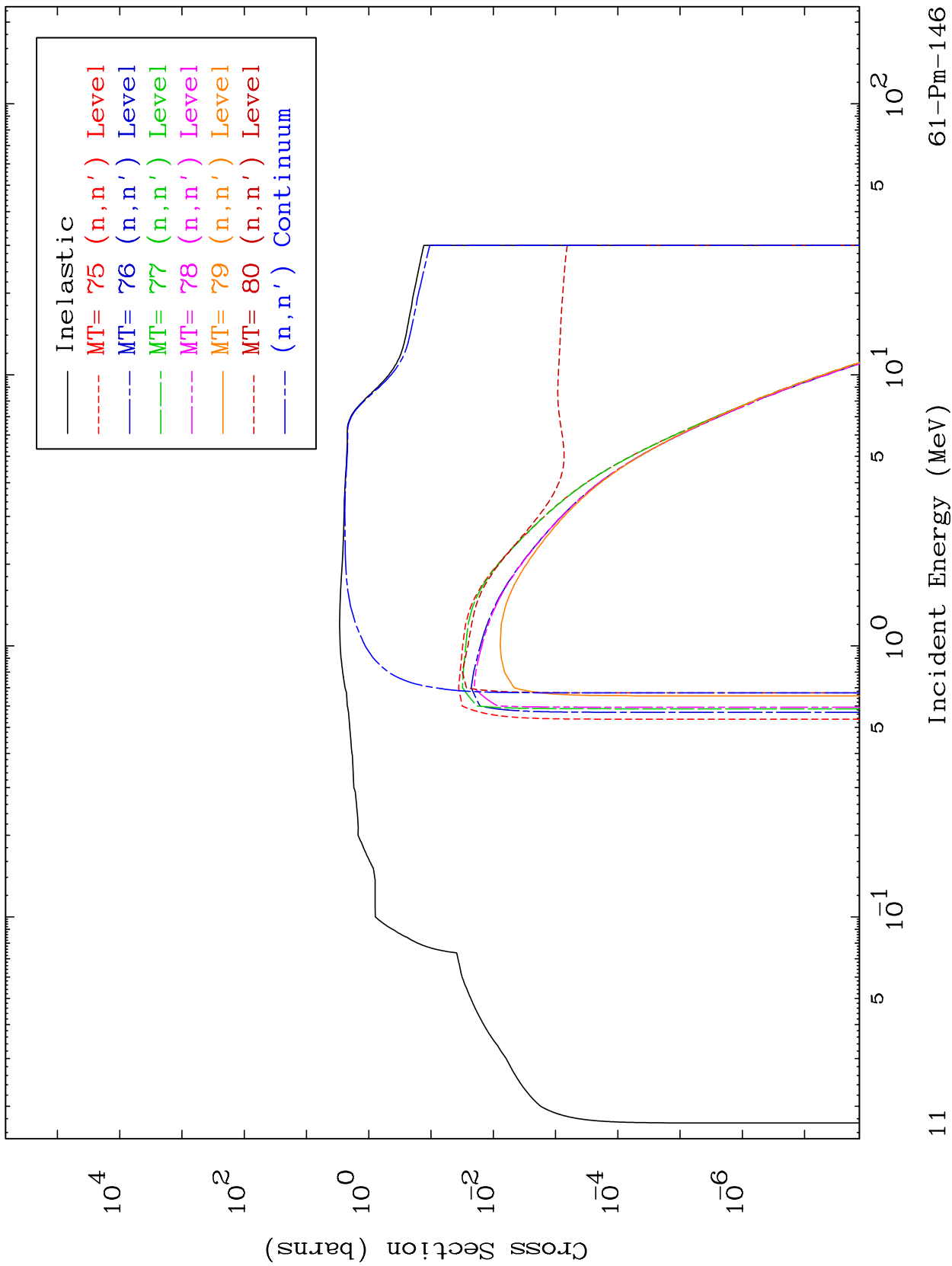
293 Kelvin Cross Sections



10

Incident Energy (MeV)

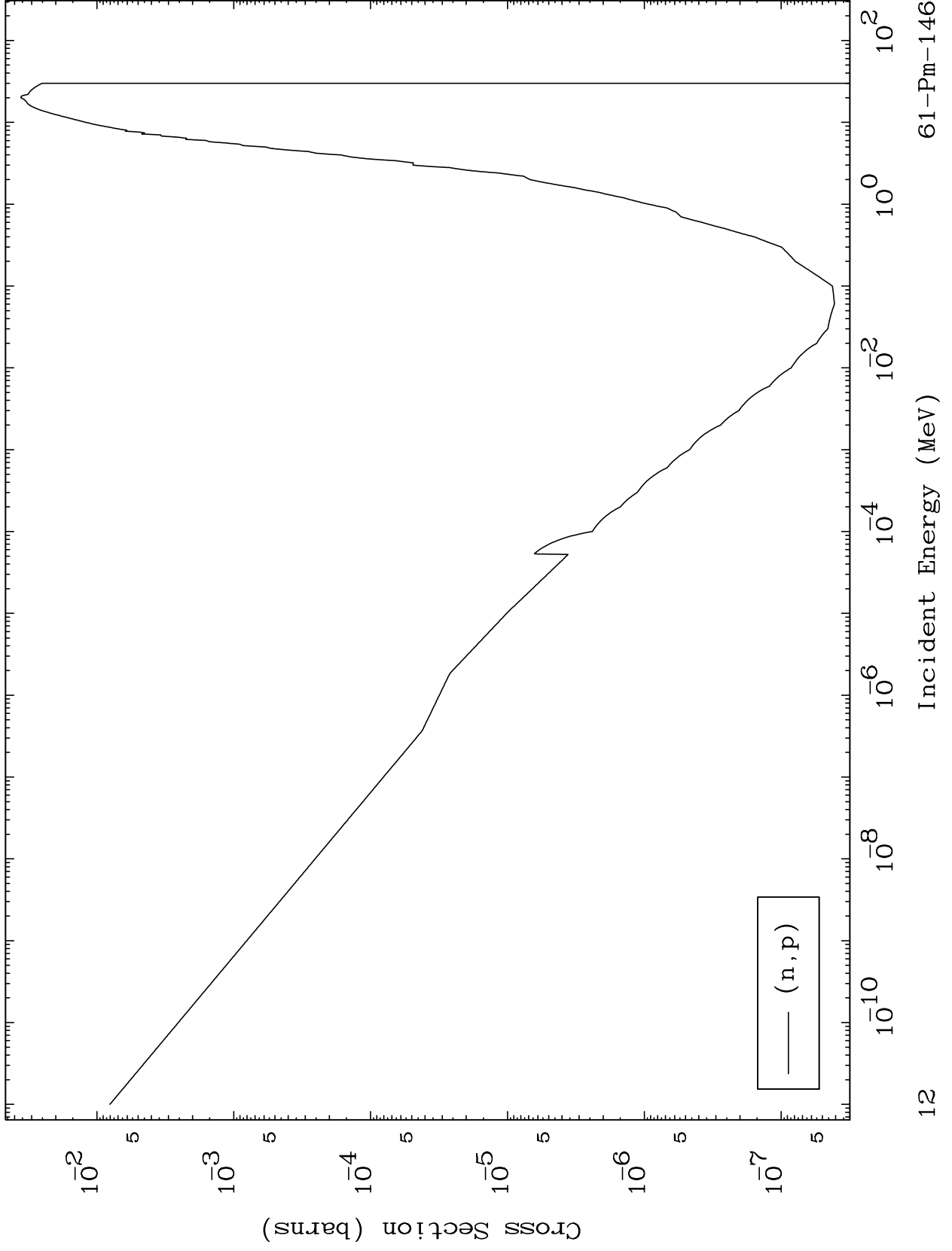
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MAT 6146

(n,p) Levels
293 Kelvin Cross Sections

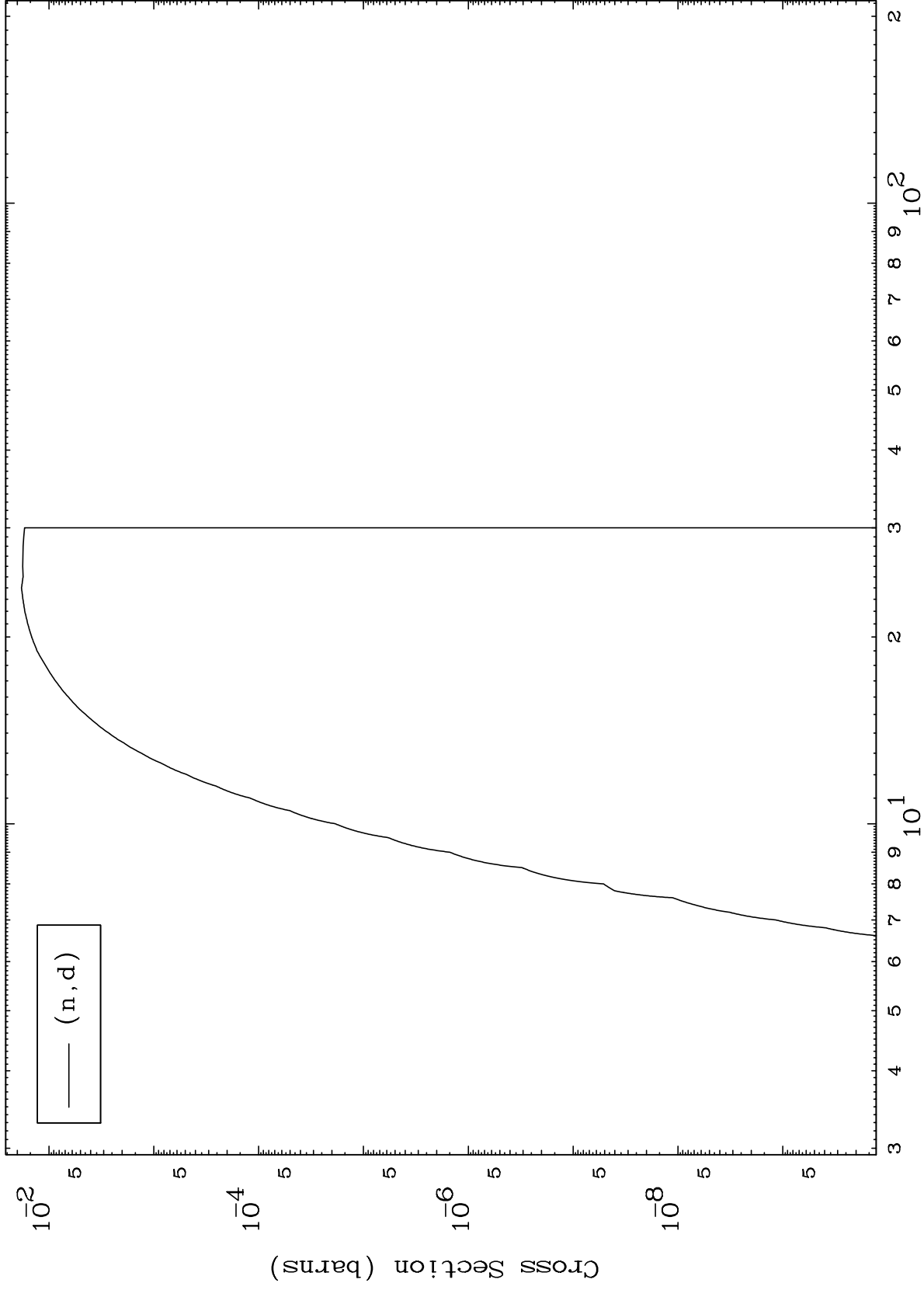
61-Pm-146



MAT 6146

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-146



Incident Energy (MeV)

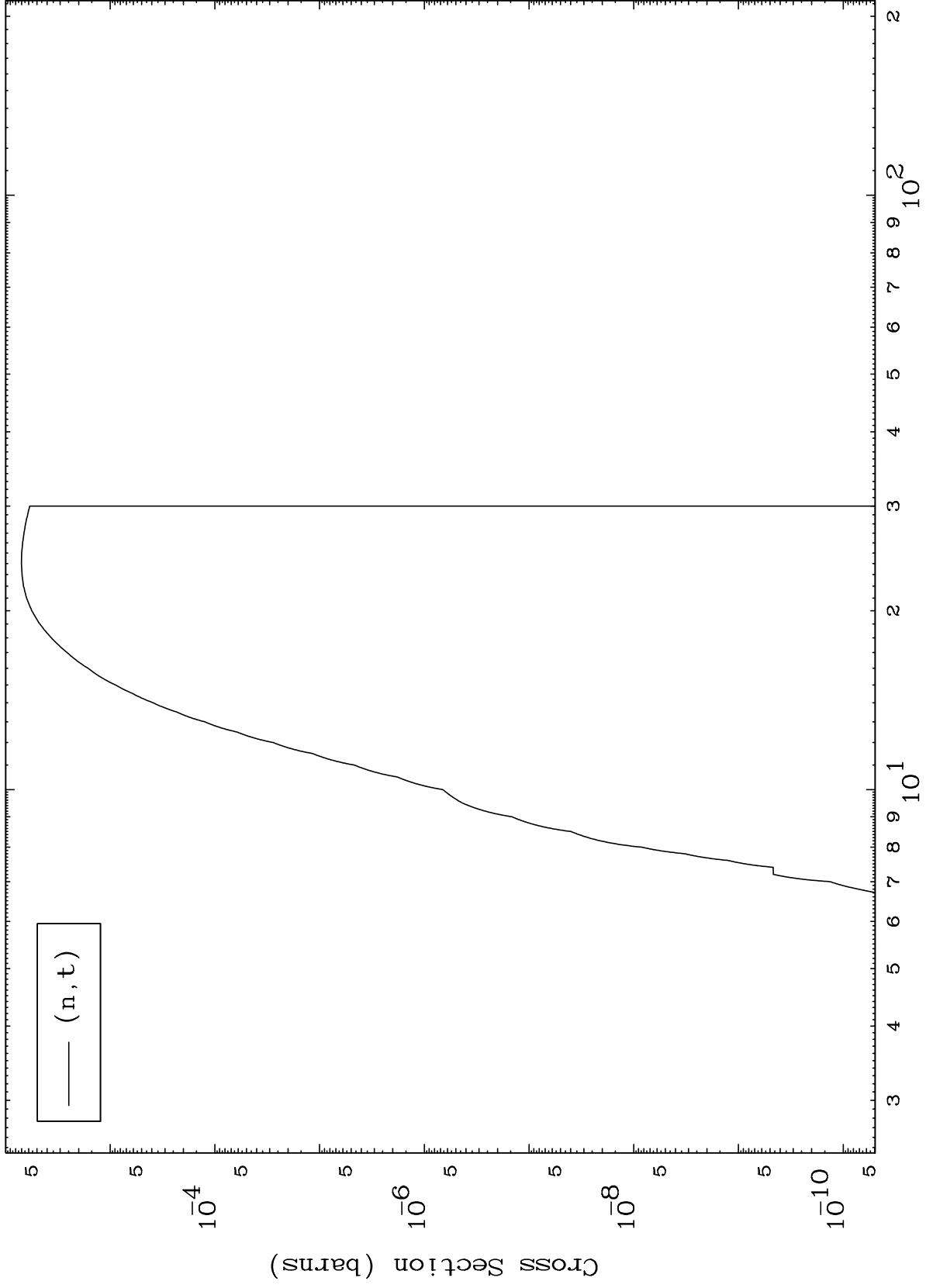
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13

MAT 6146

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-146



14

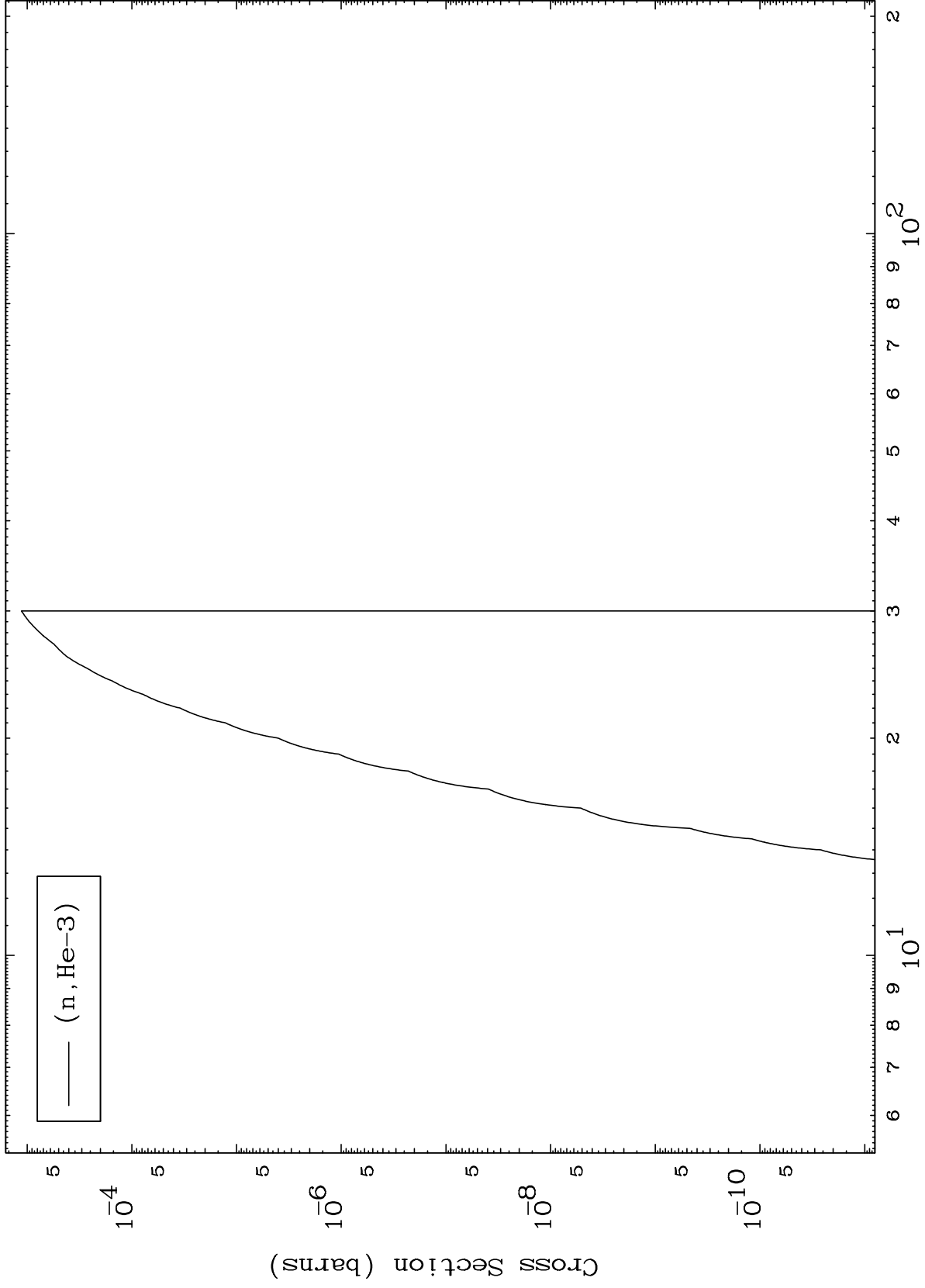
Incident Energy (MeV)

61-Pm-146

MAT 6146

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-146



15

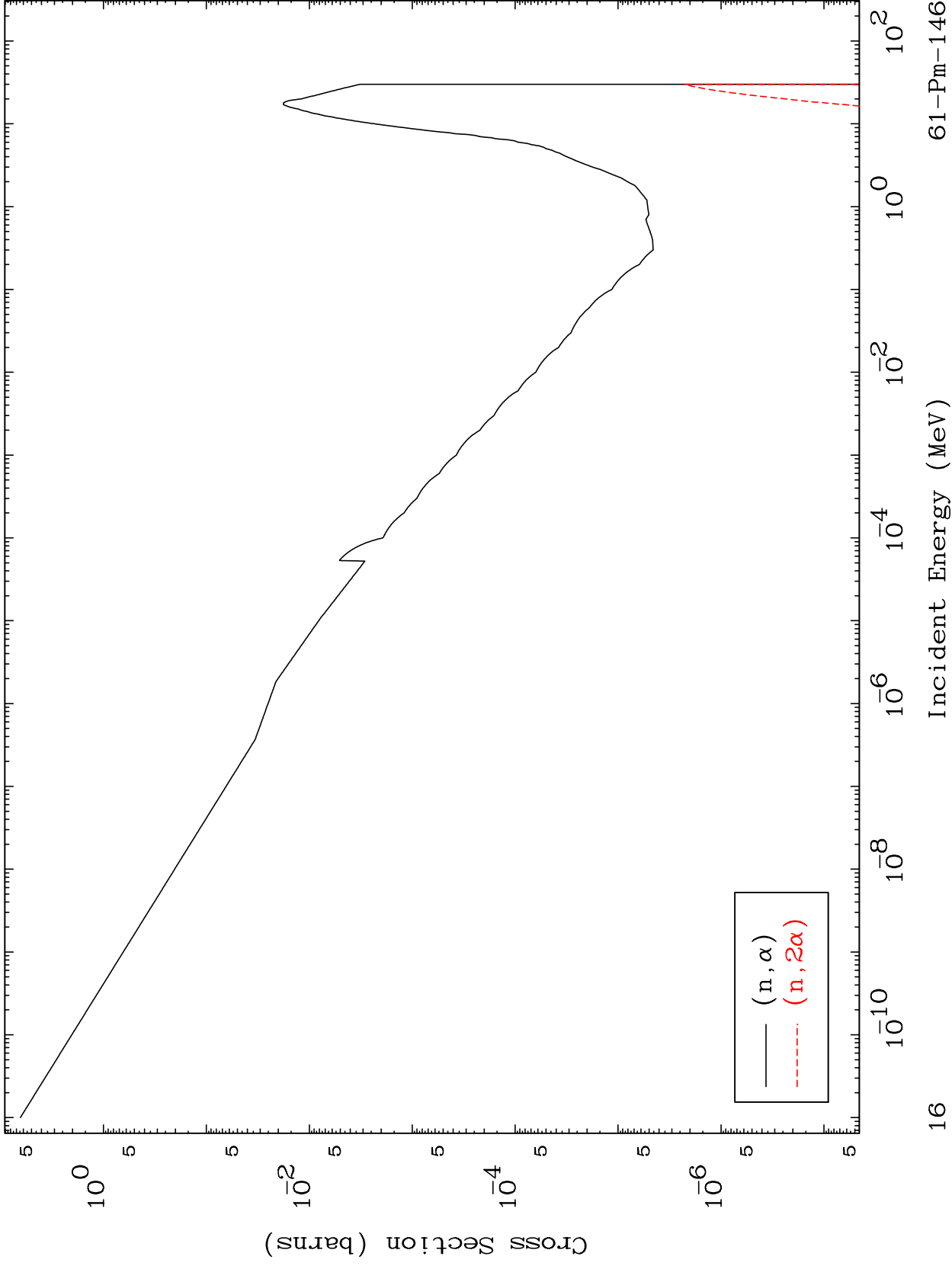
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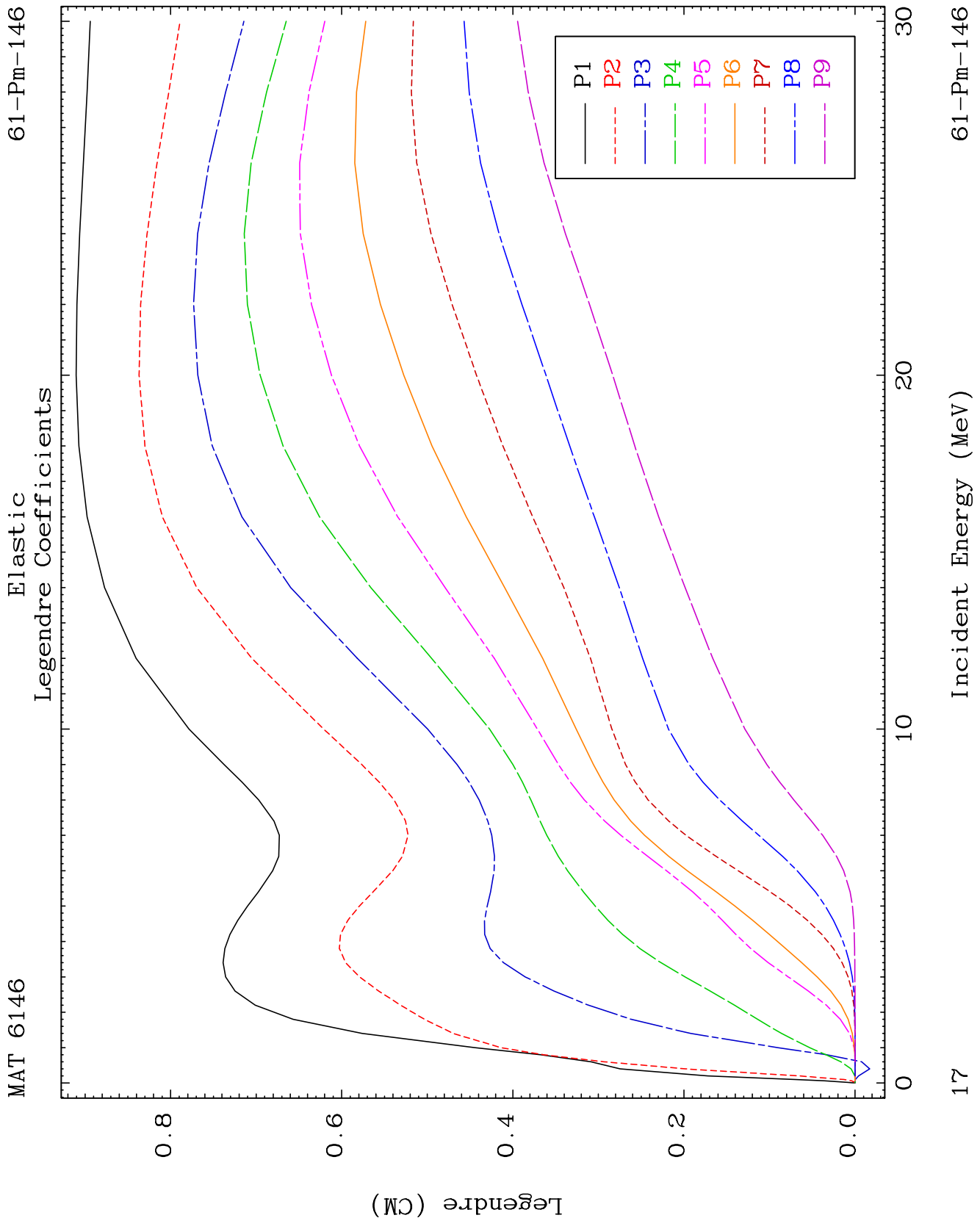
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MAT 6146

(n,α) Levels
293 Kelvin Cross Sections

61-Pm-146

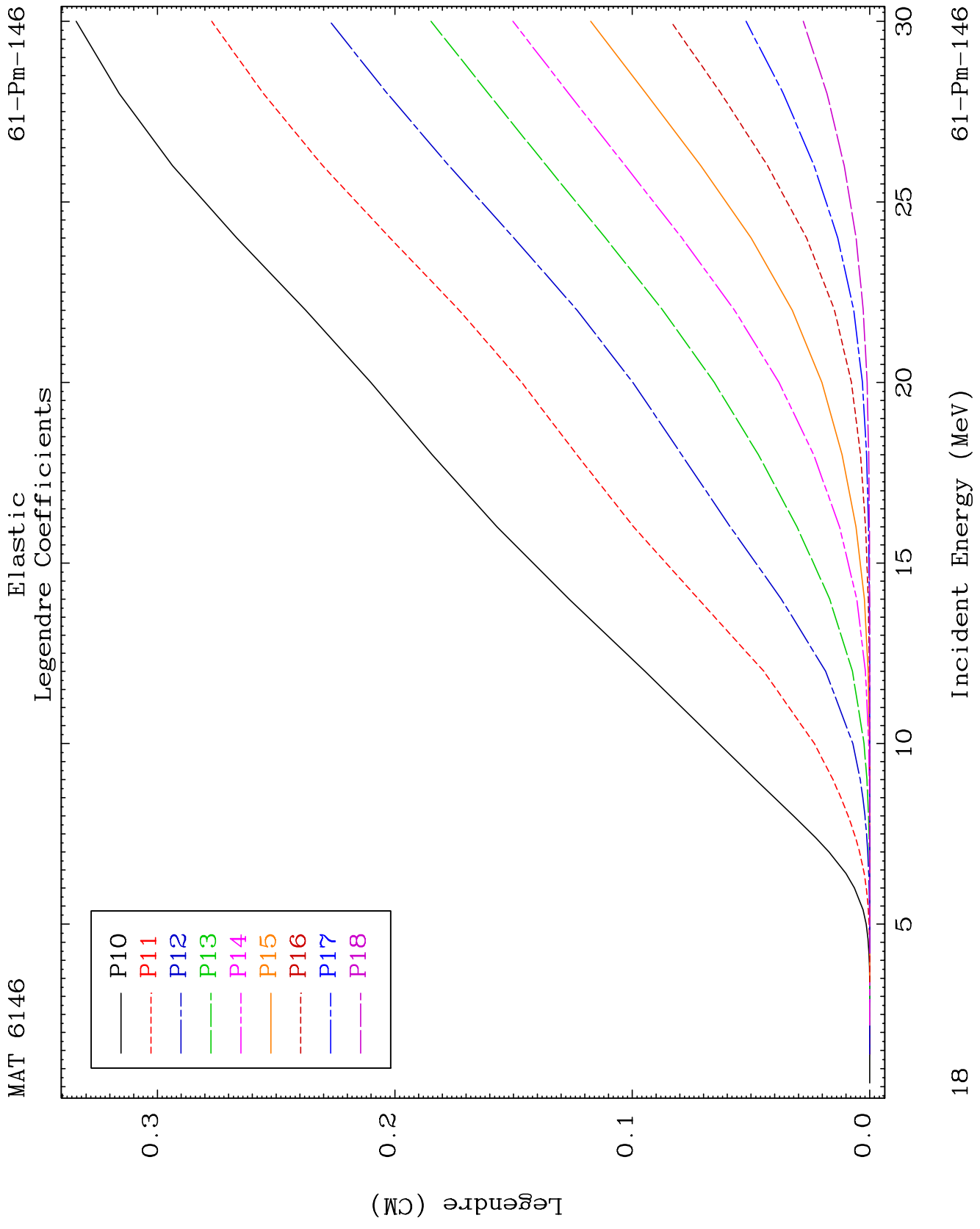




61-Pm-146

Incident Energy (MeV)

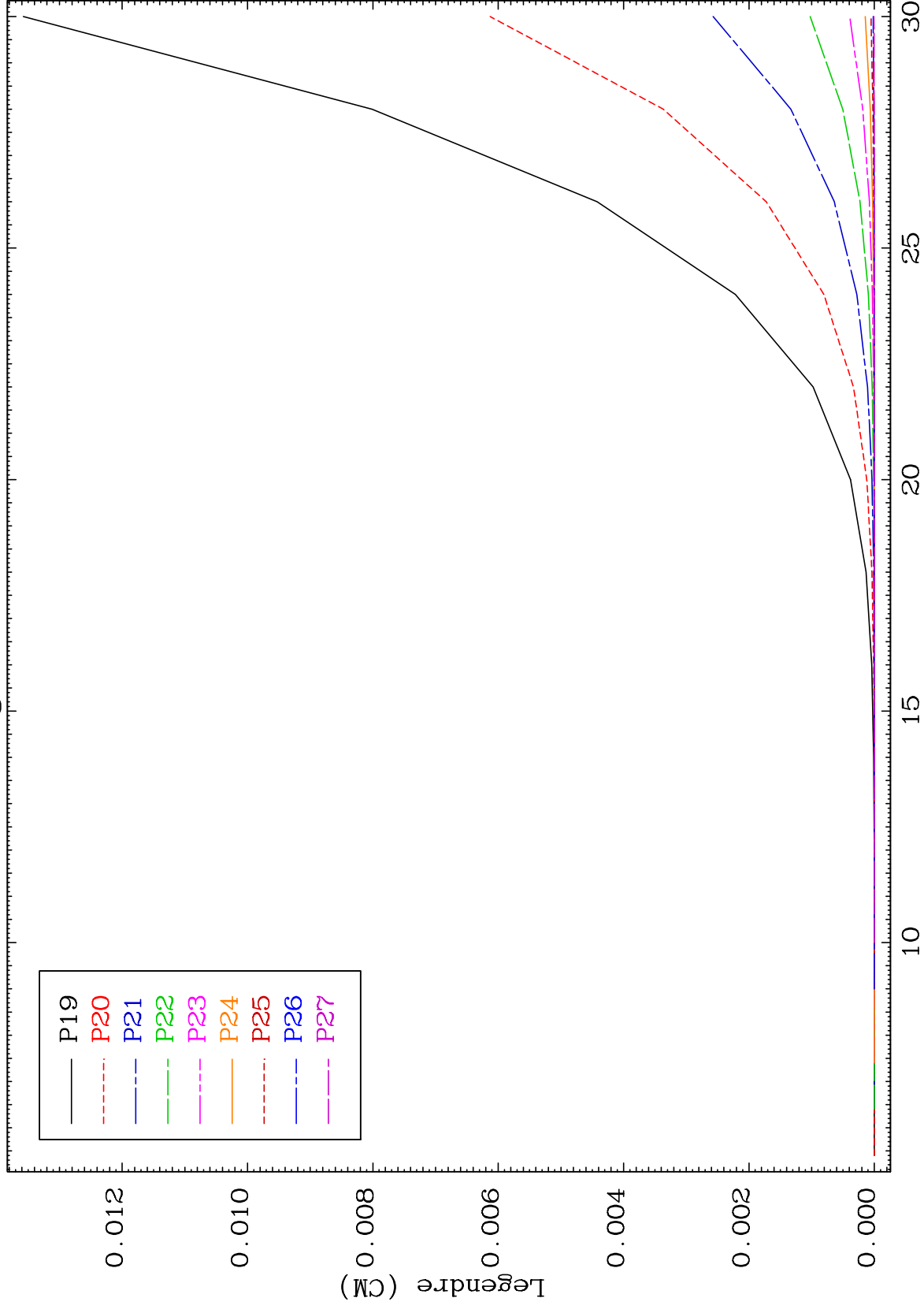
17



MAT 6146

Elastic Legendre Coefficients

61-Pm-146



19

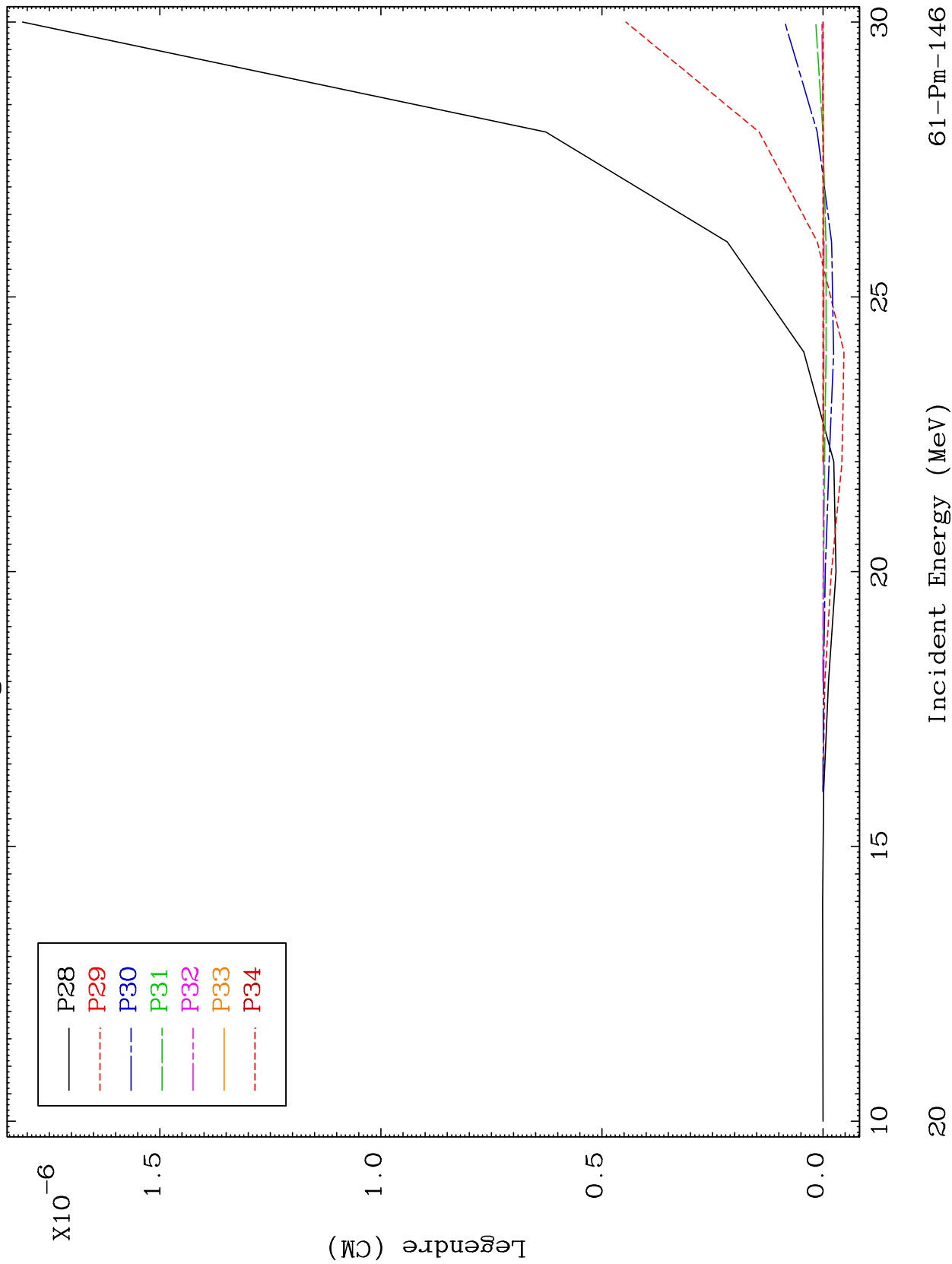
Incident Energy (MeV)

61-Pm-146

MAT 6146

Elastic
Legendre Coefficients

61-Pm-146



61-Pm-146

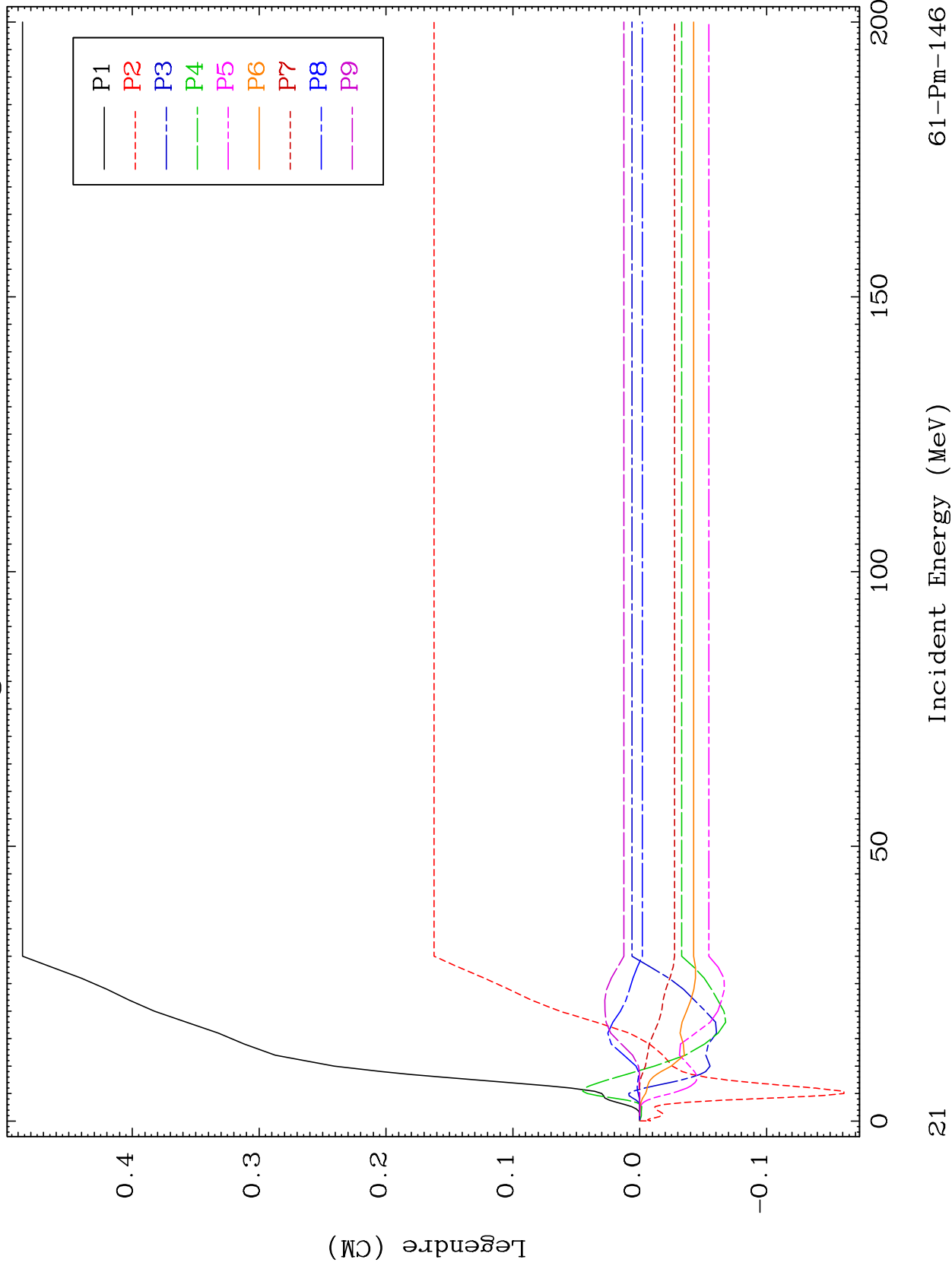
Incident Energy (MeV)

20

MAT 6146

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

61-Pm-146



61-Pm-146

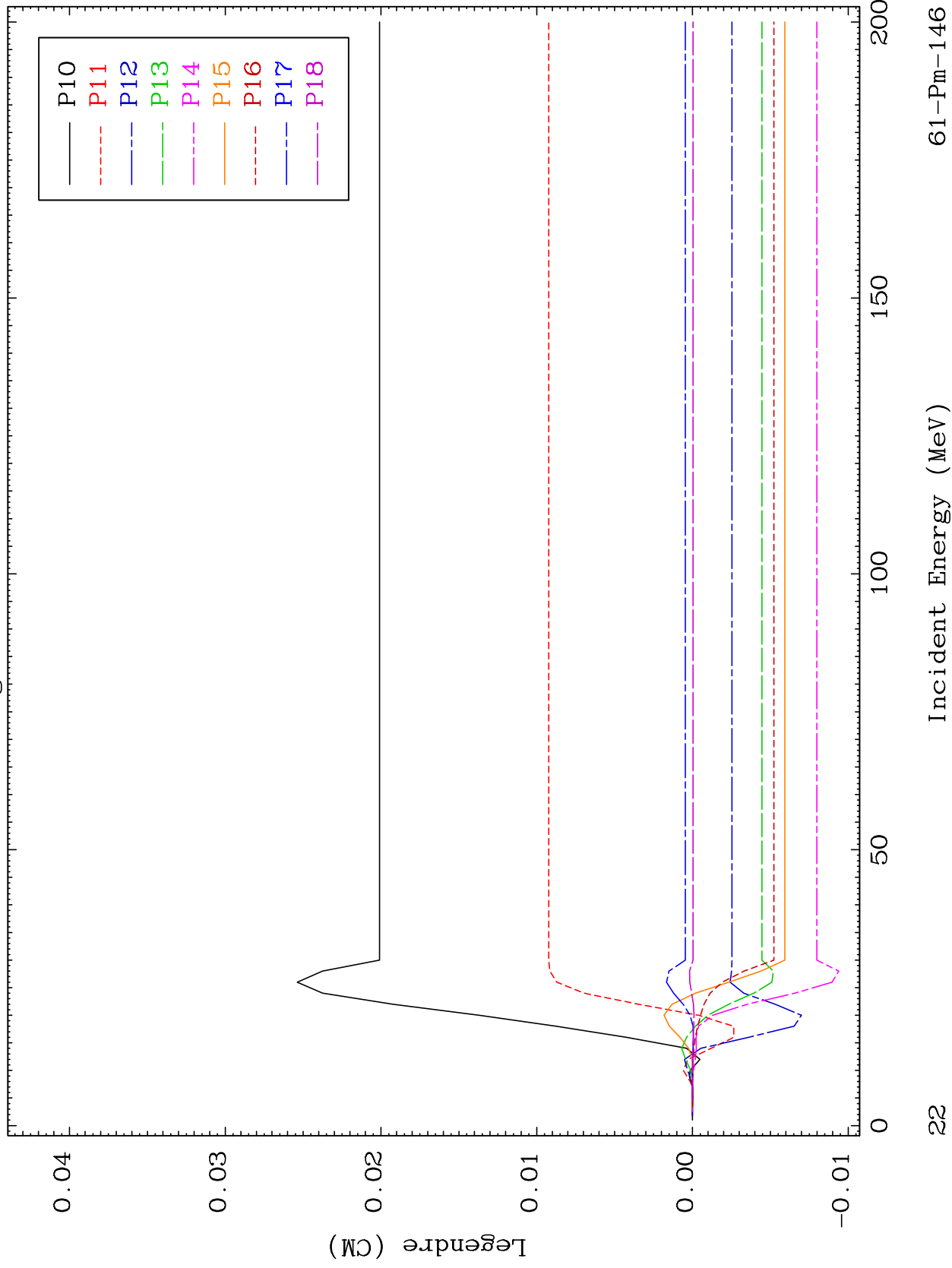
Incident Energy (MeV)

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MAT 6146

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

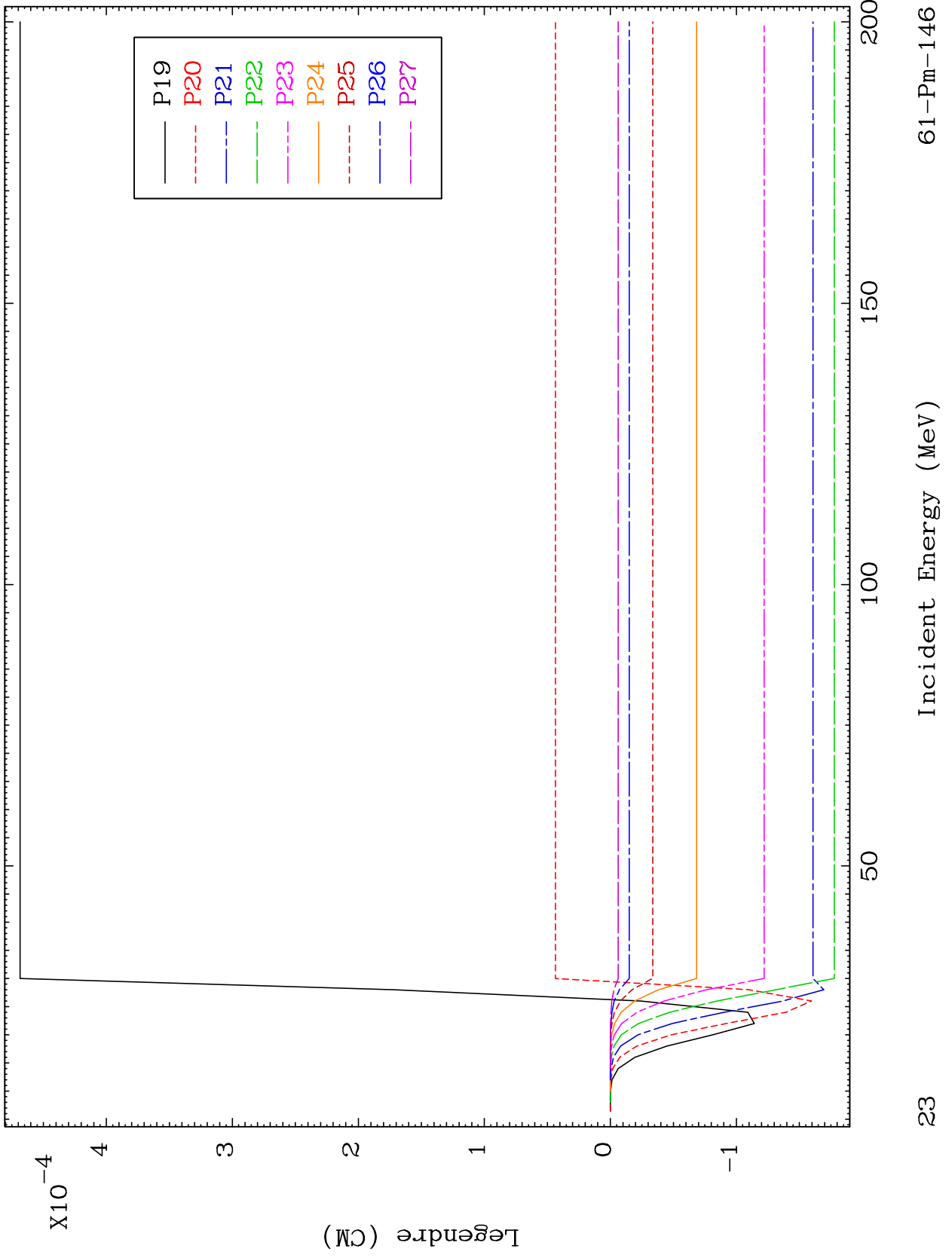
61-Pm-146



61-Pm-146

Incident Energy (MeV)

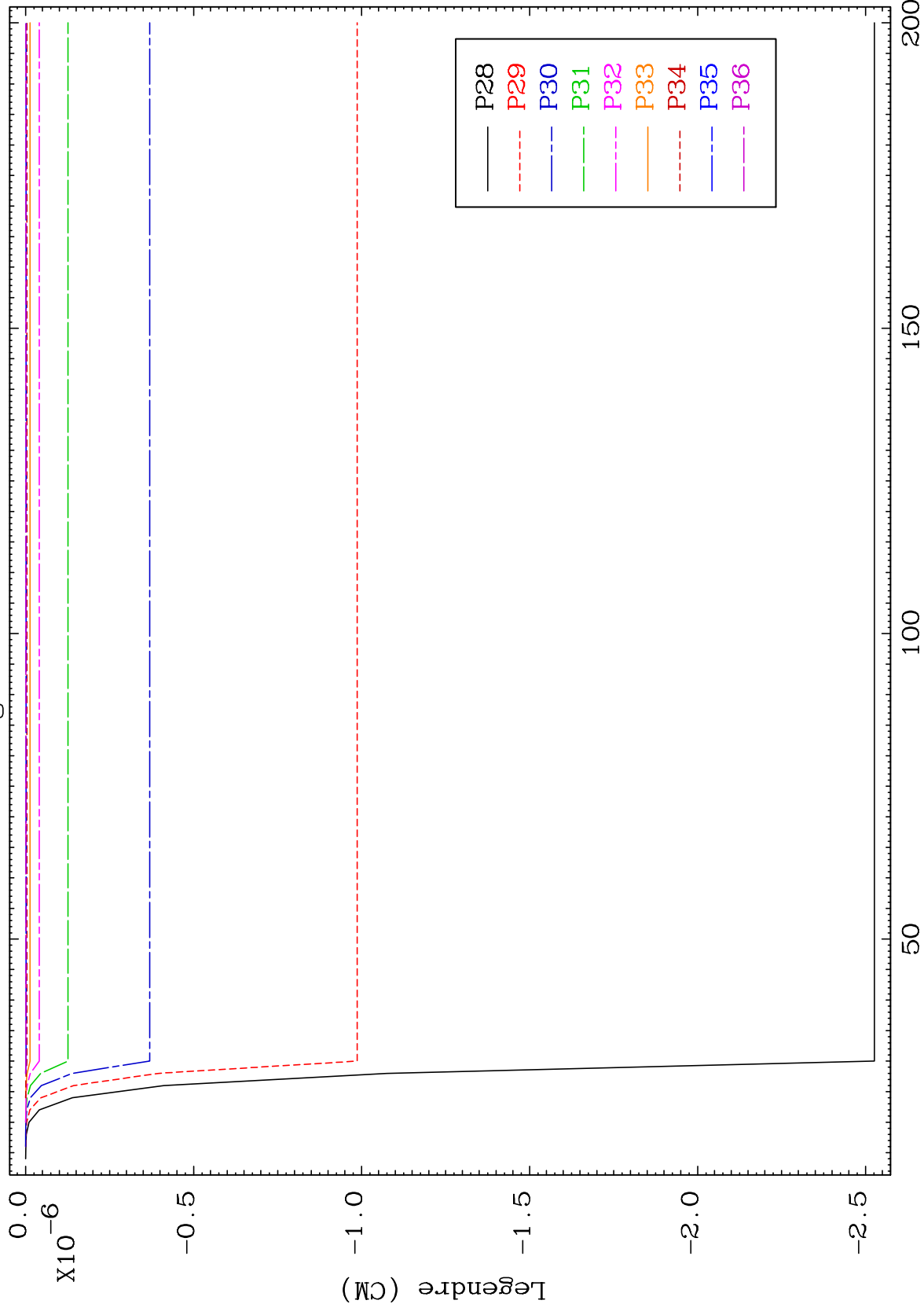
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MAT 6146

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

61-Pm-146



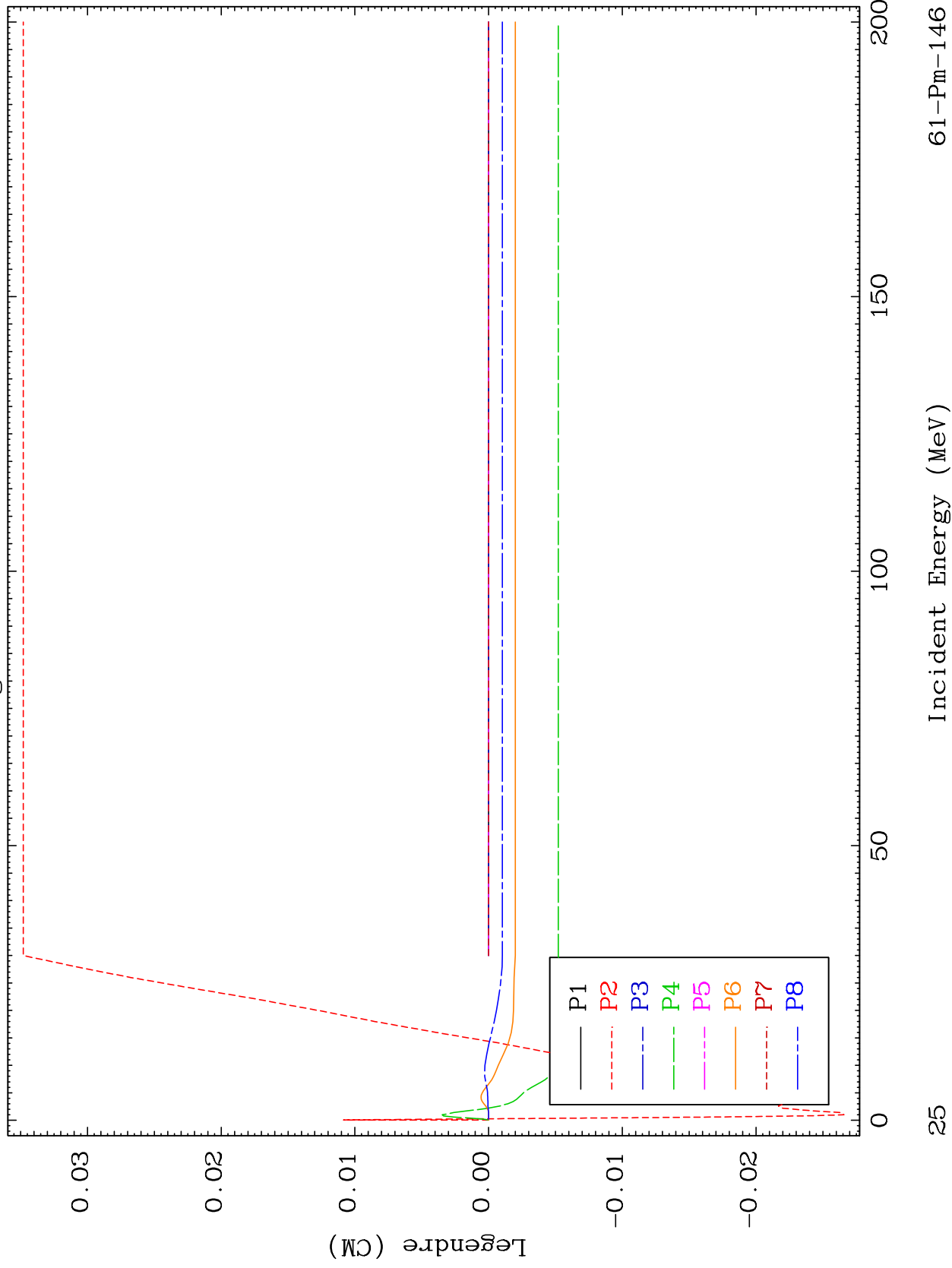
24

61-Pm-146

MAT 6146

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

61-Pm-146



61-Pm-146

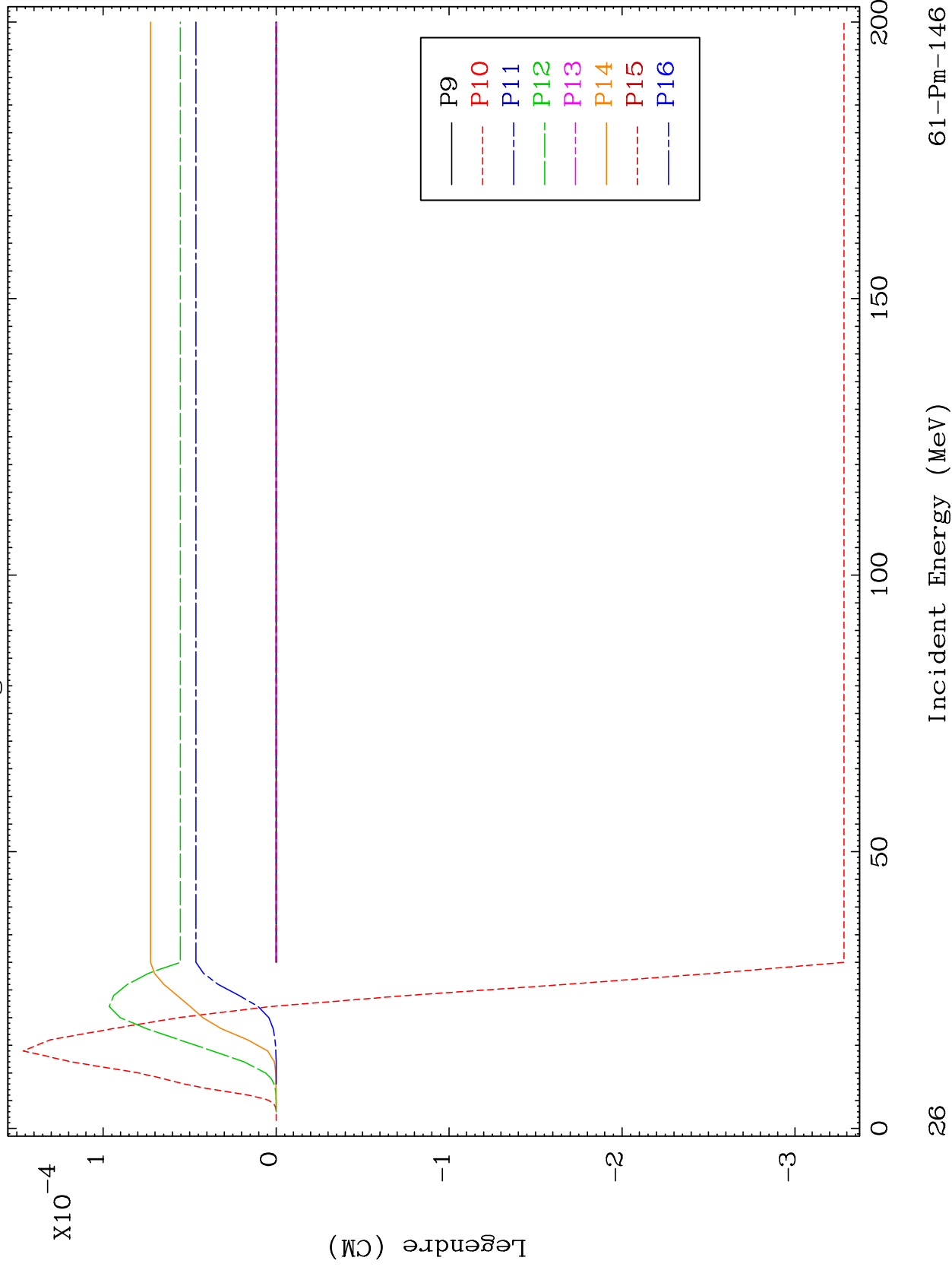
Incident Energy (MeV)

25

MAT 6146

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

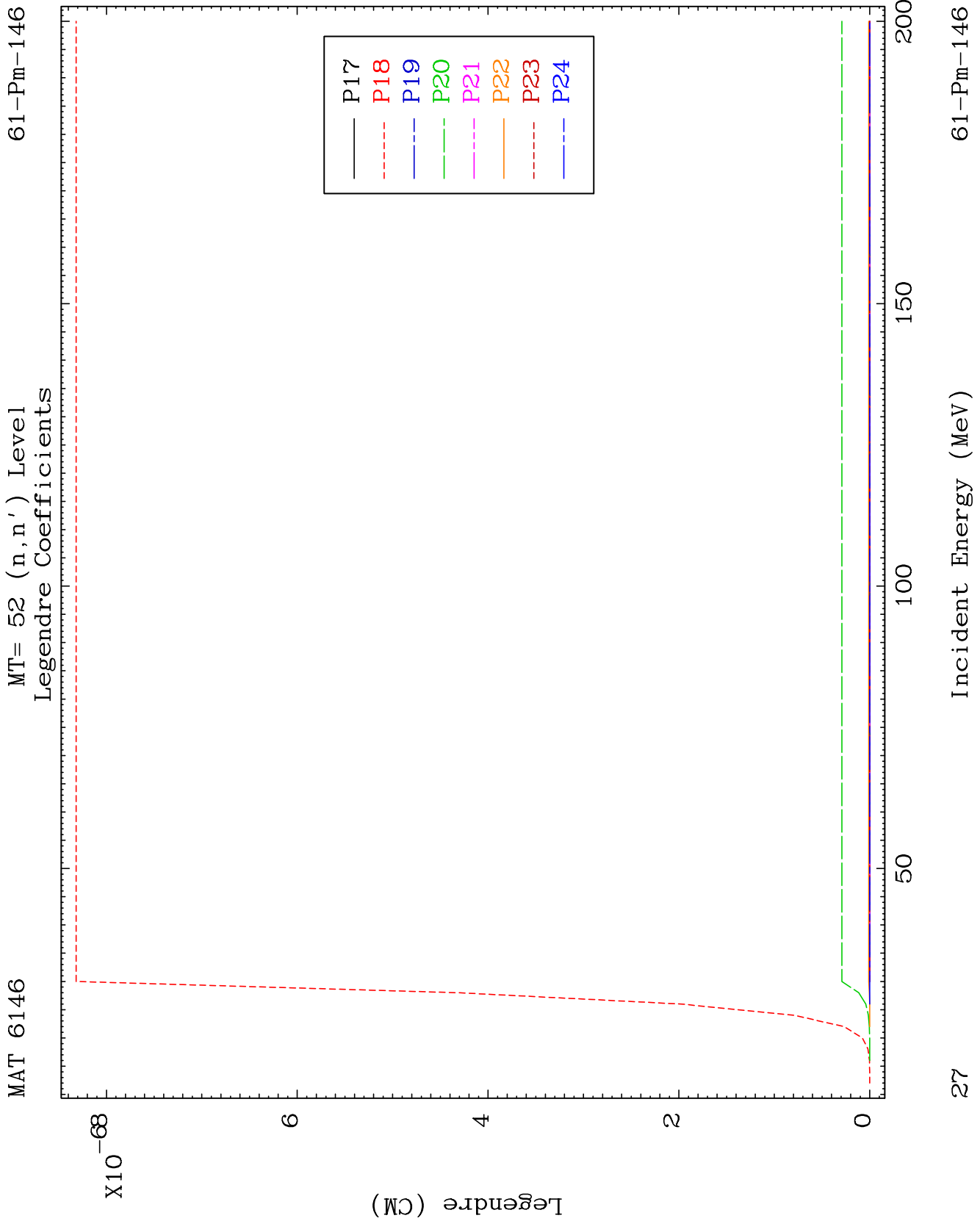
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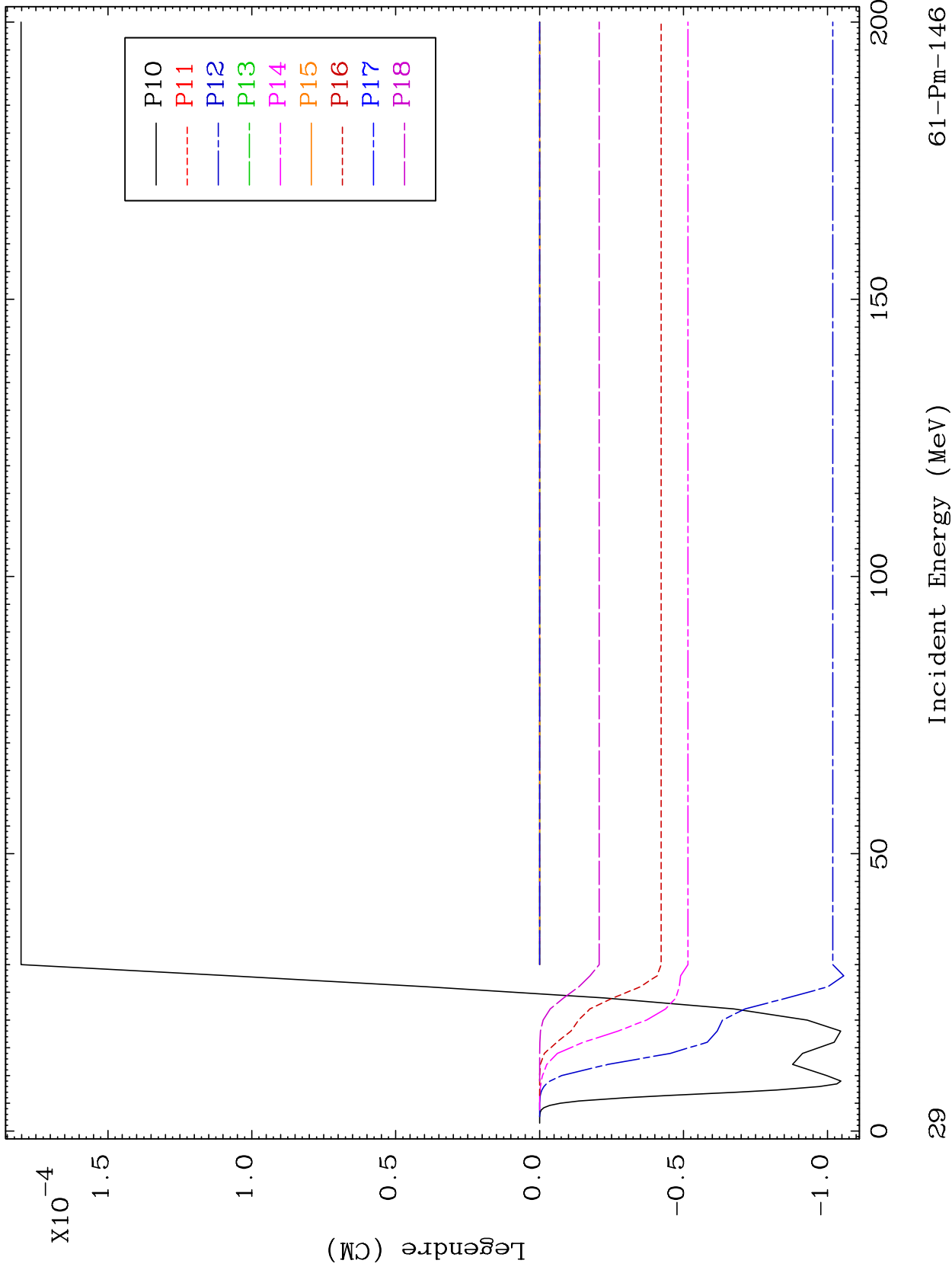


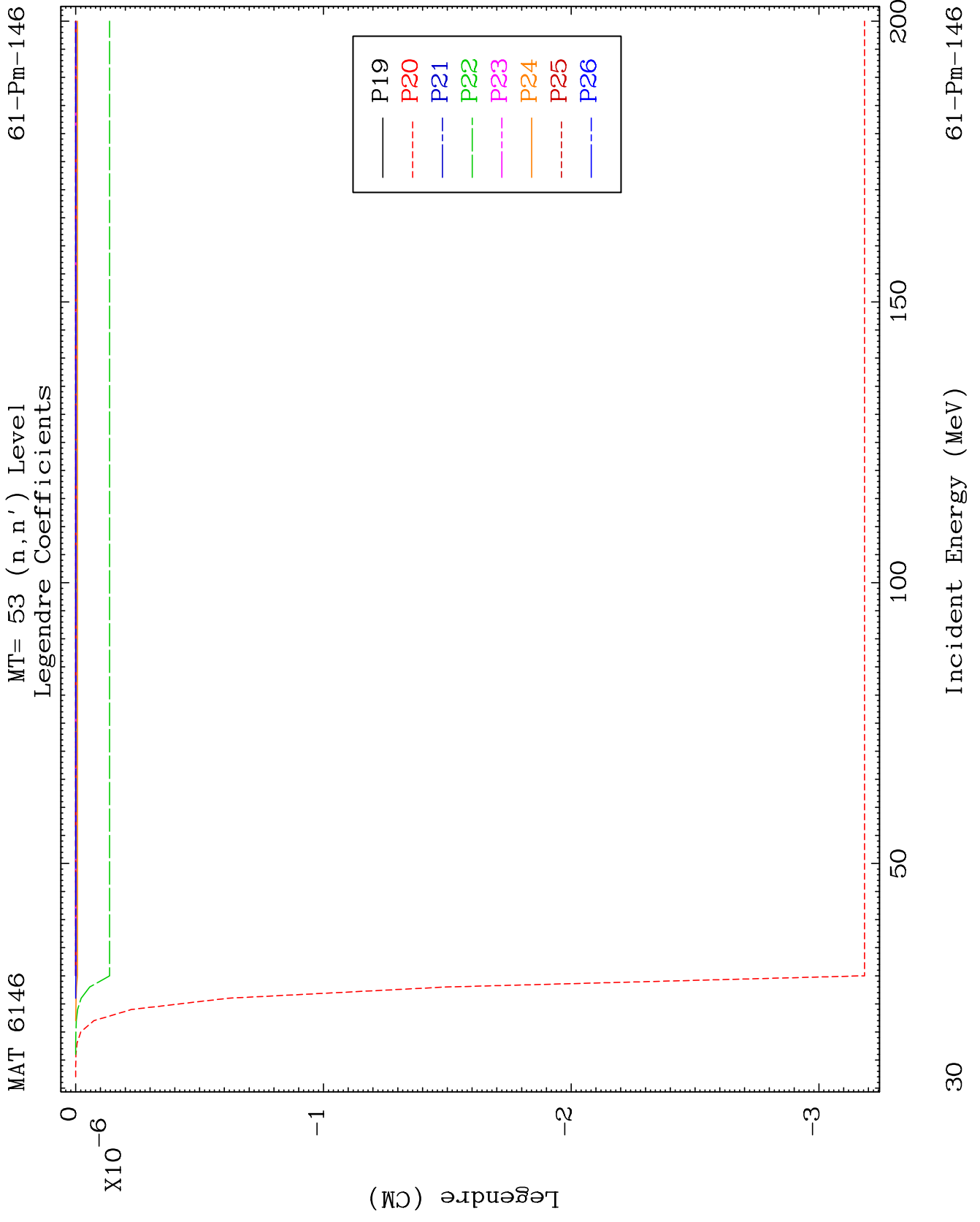
61-Pm-146

Incident Energy (MeV)

26



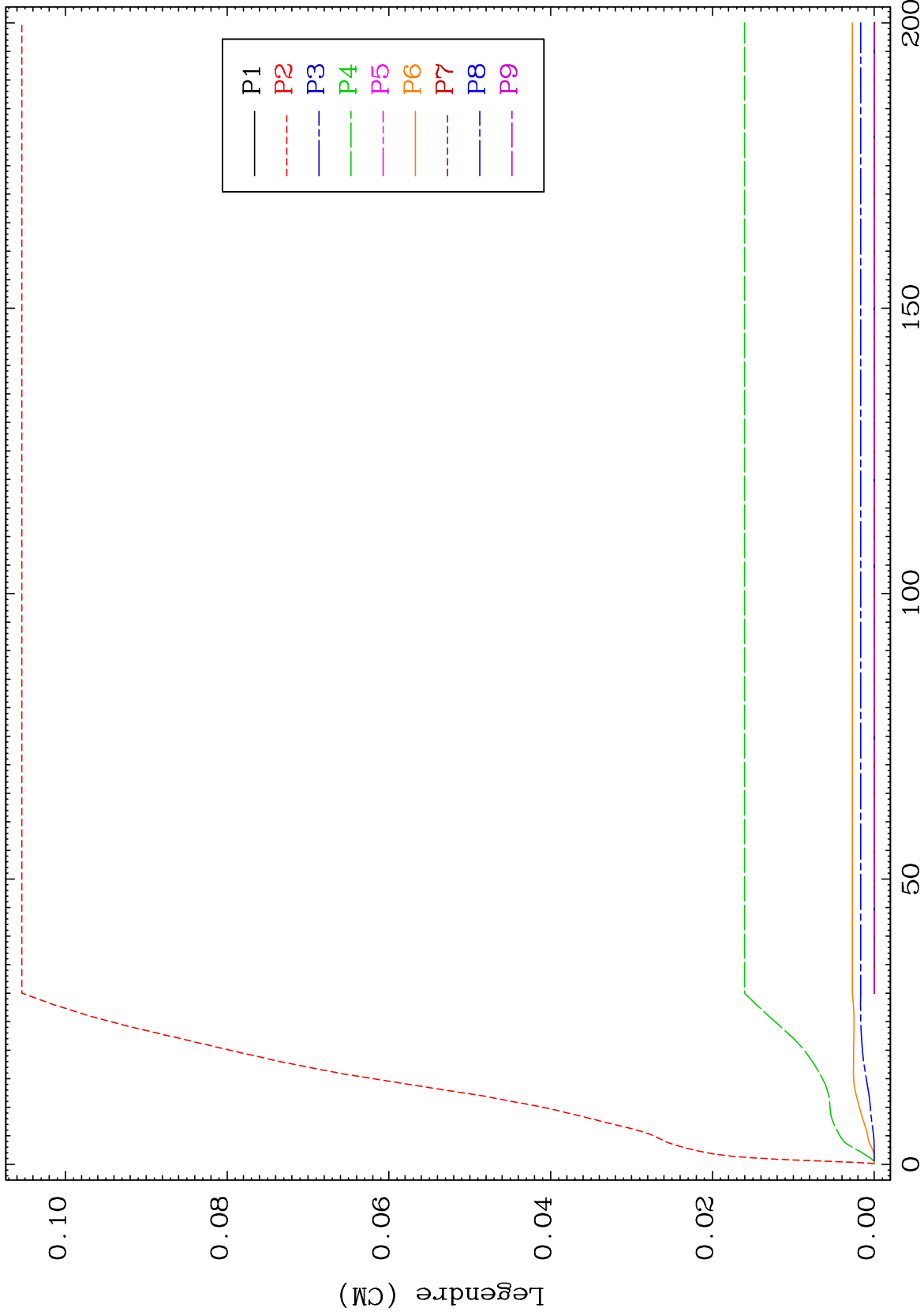




MAT 6146

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

61-Pm-146



31

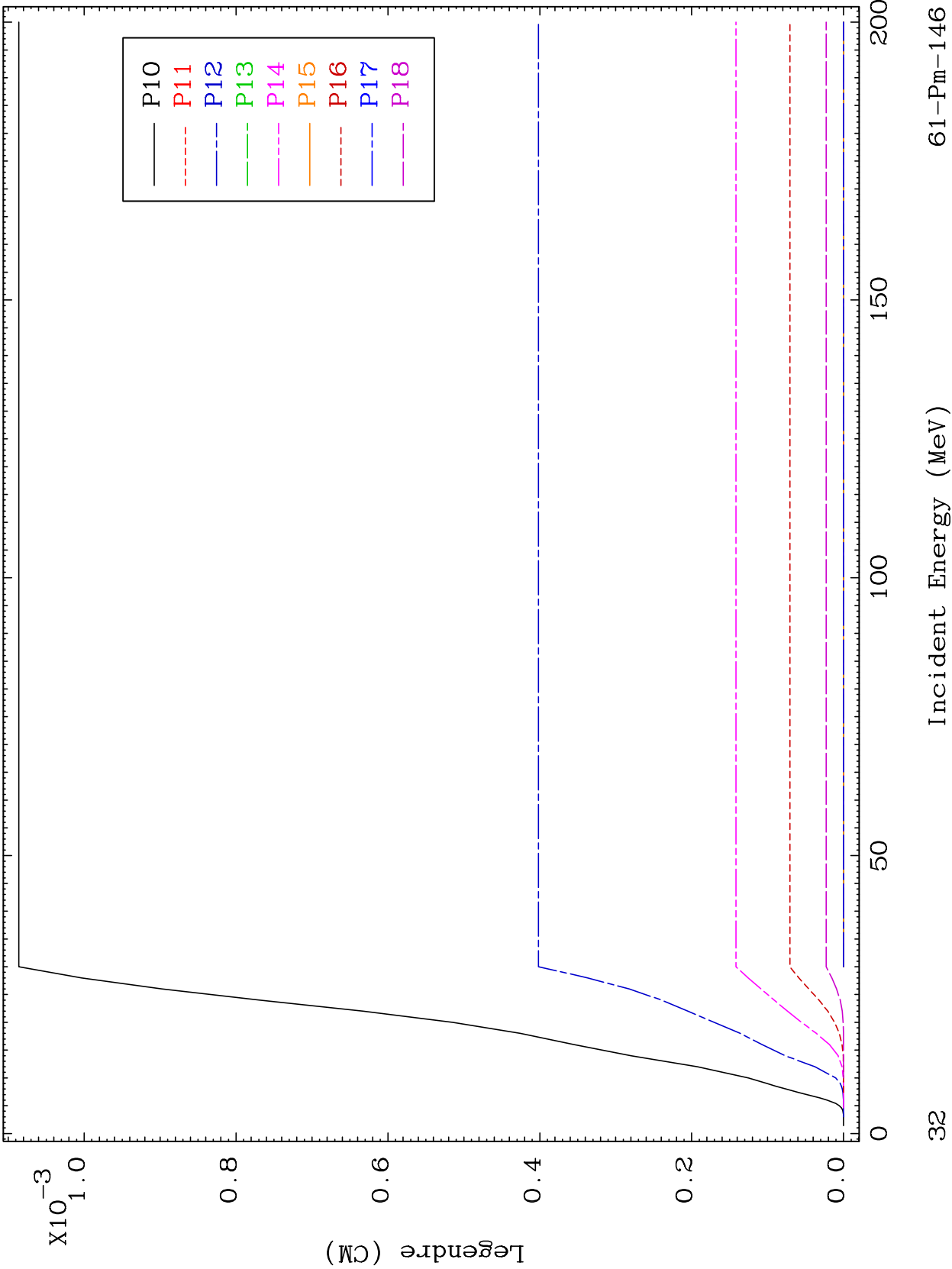
Incident Energy (MeV)

61-Pm-146

MAT 6146

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

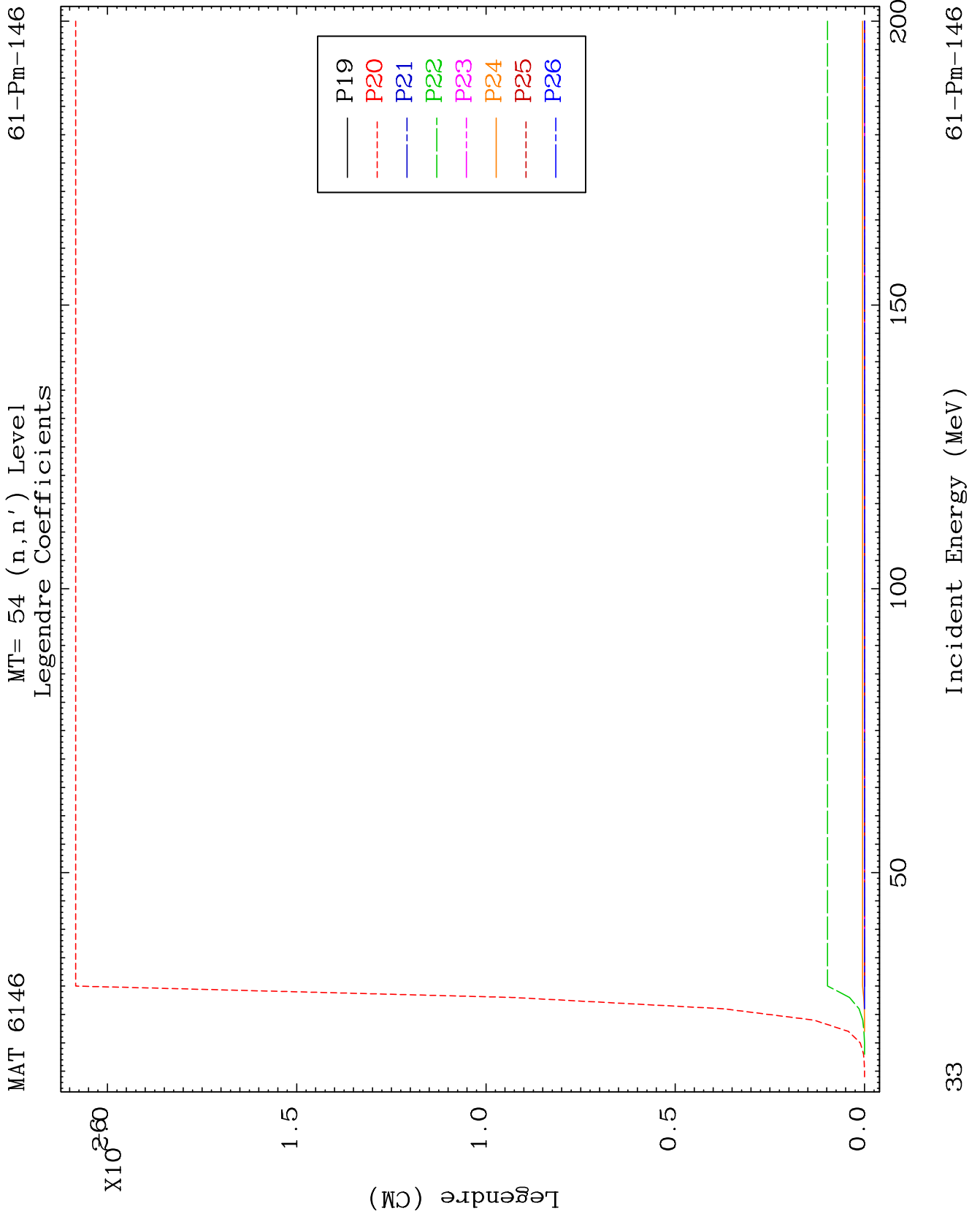
61-Pm-146



61-Pm-146

Incident Energy (MeV)

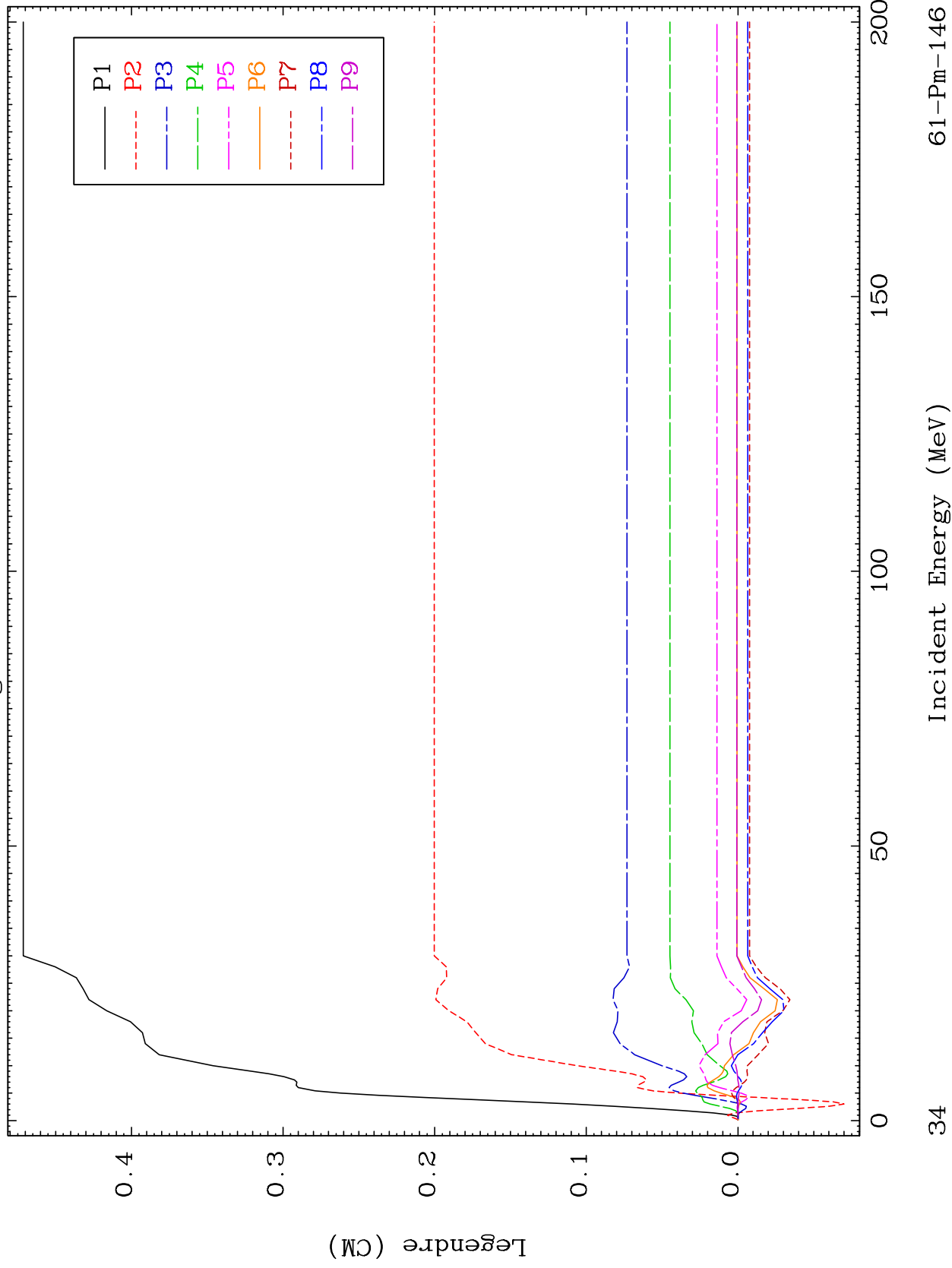
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MAT 6146

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

61-Pm-146



61-Pm-146

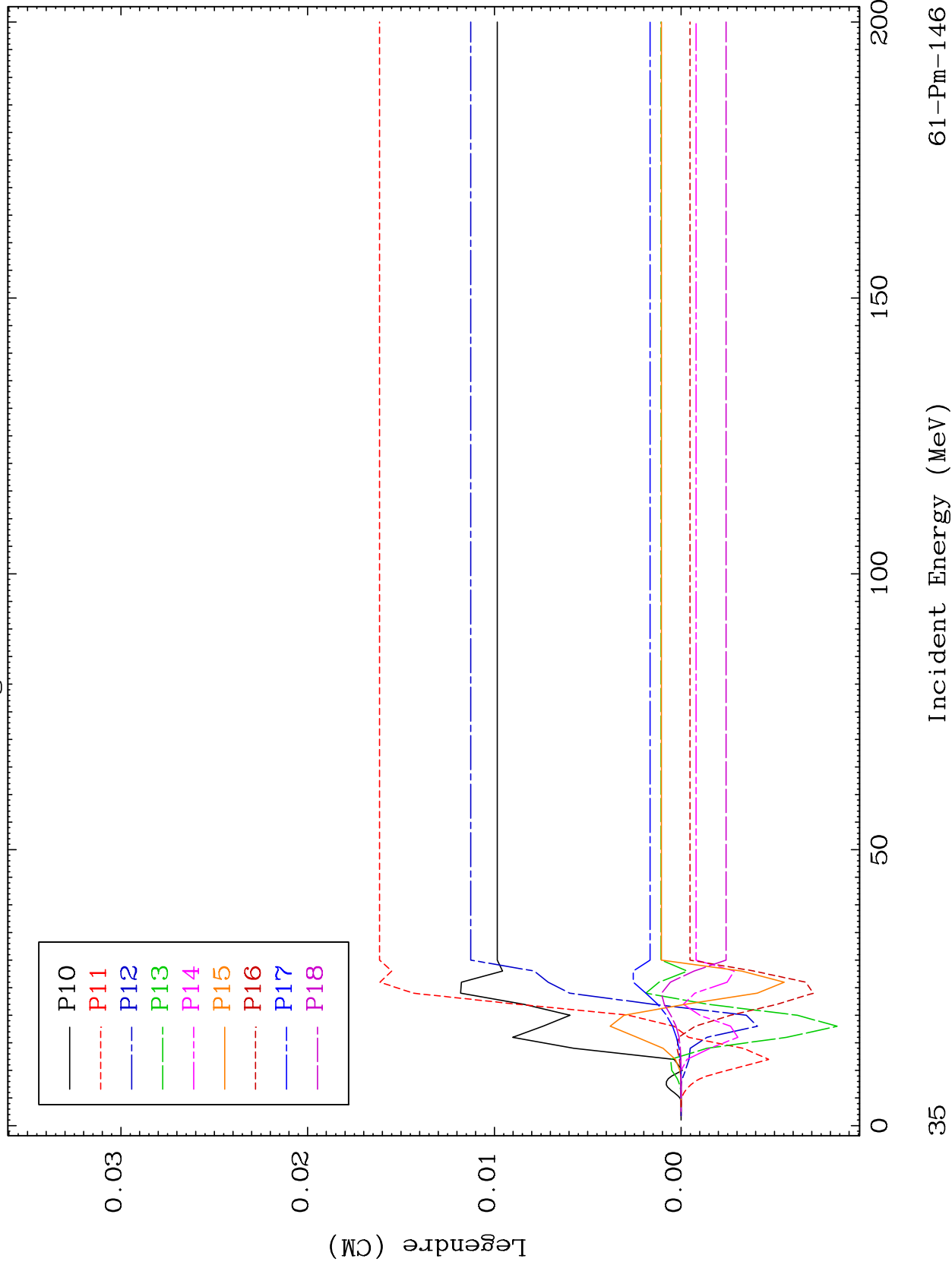
Incident Energy (MeV)

34

MAT 6146

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

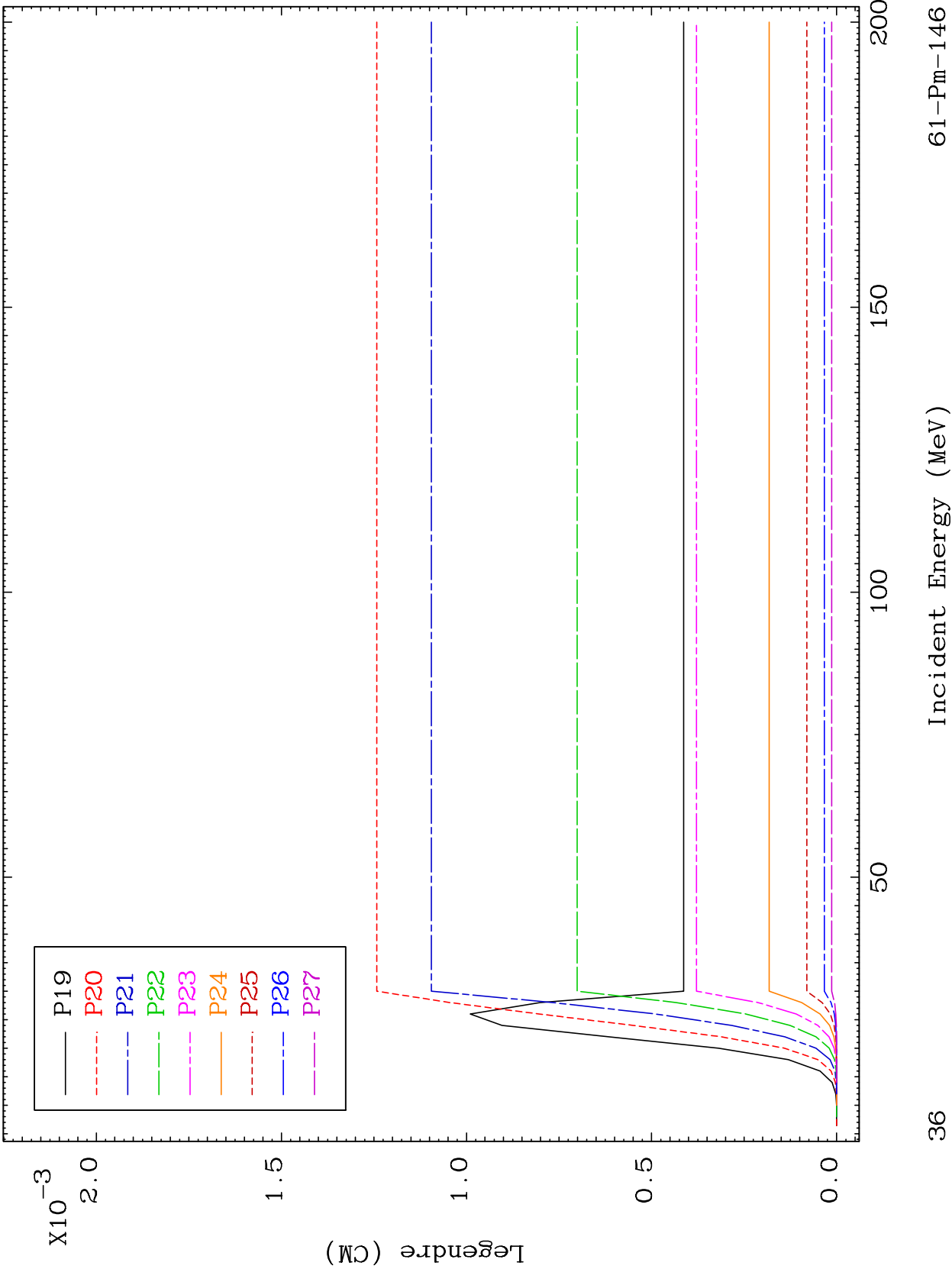
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61-Pm-146

Incident Energy (MeV)

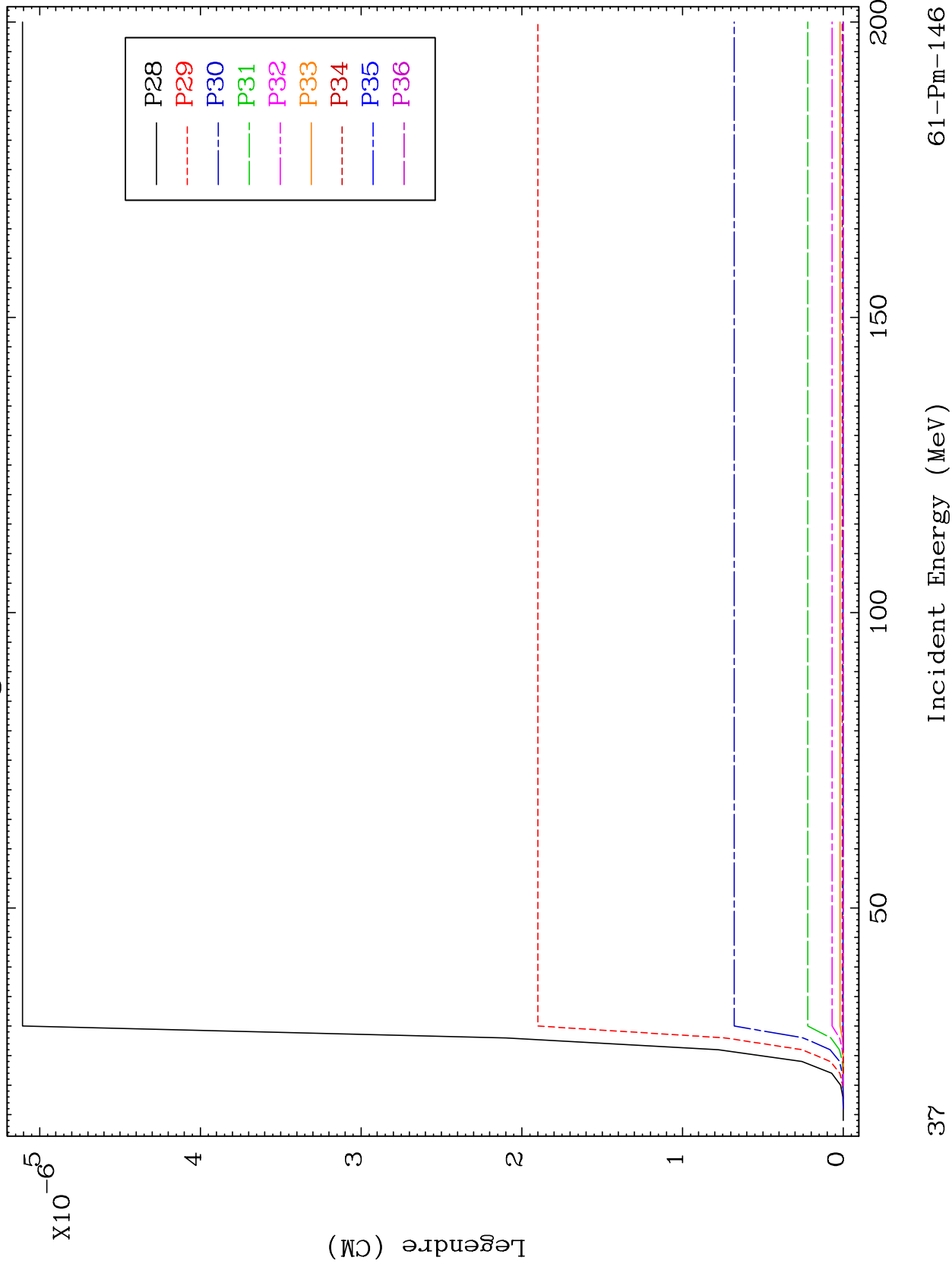
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MAT 6146

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

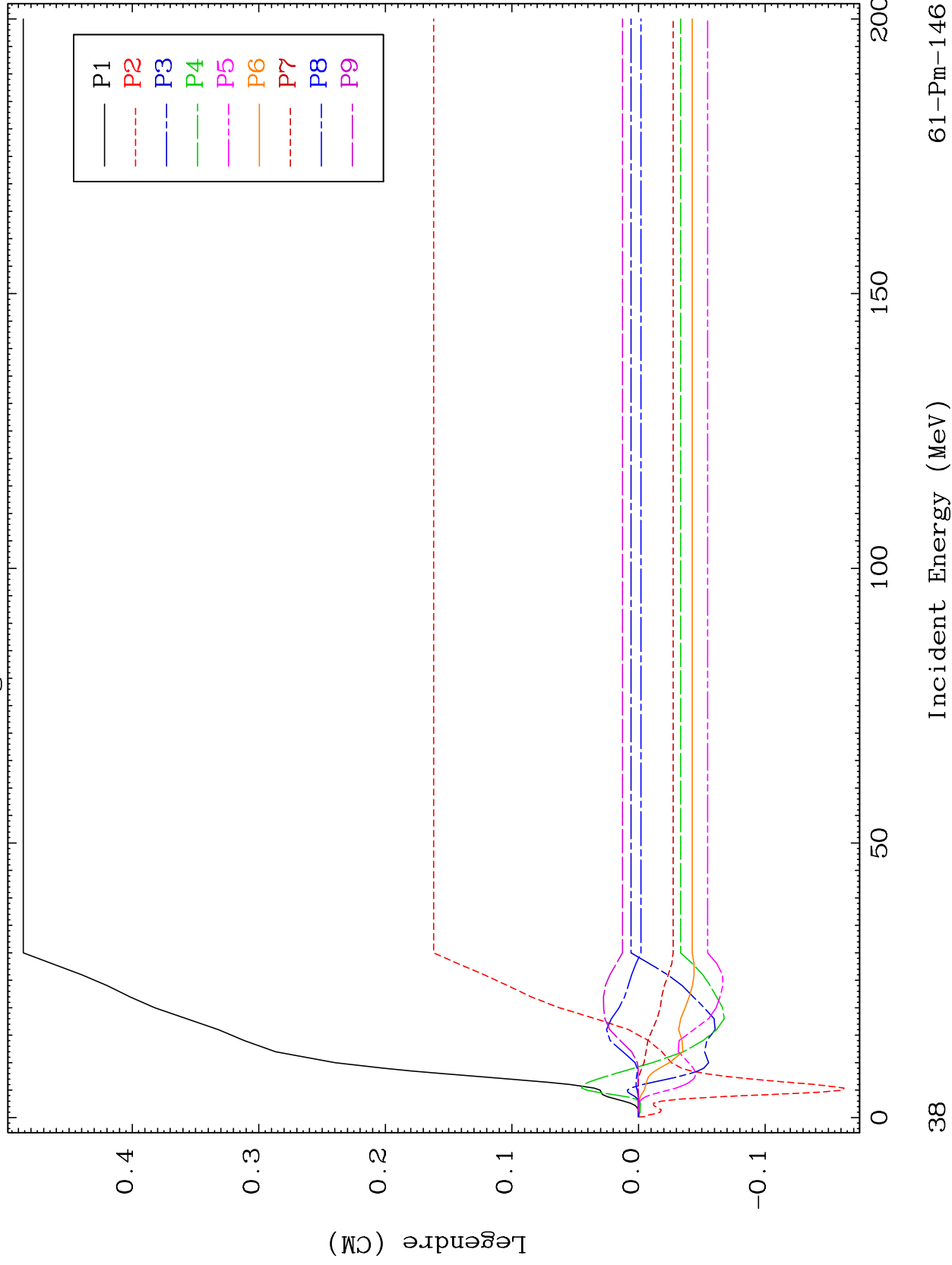
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MAT 6146

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

61-Pm-146



61-Pm-146

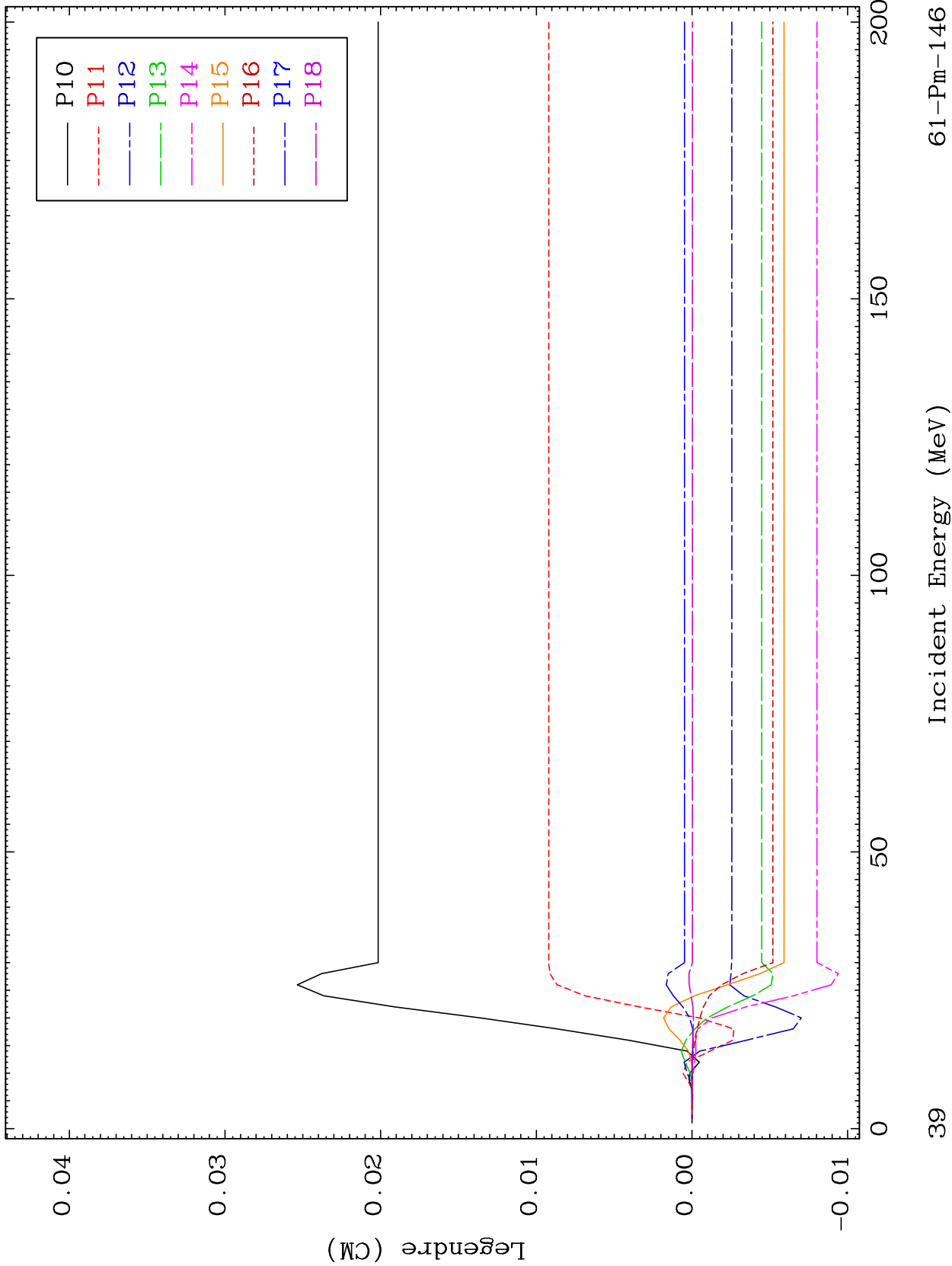
Incident Energy (MeV)

38

MAT 6146

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

61-Pm-146



61-Pm-146

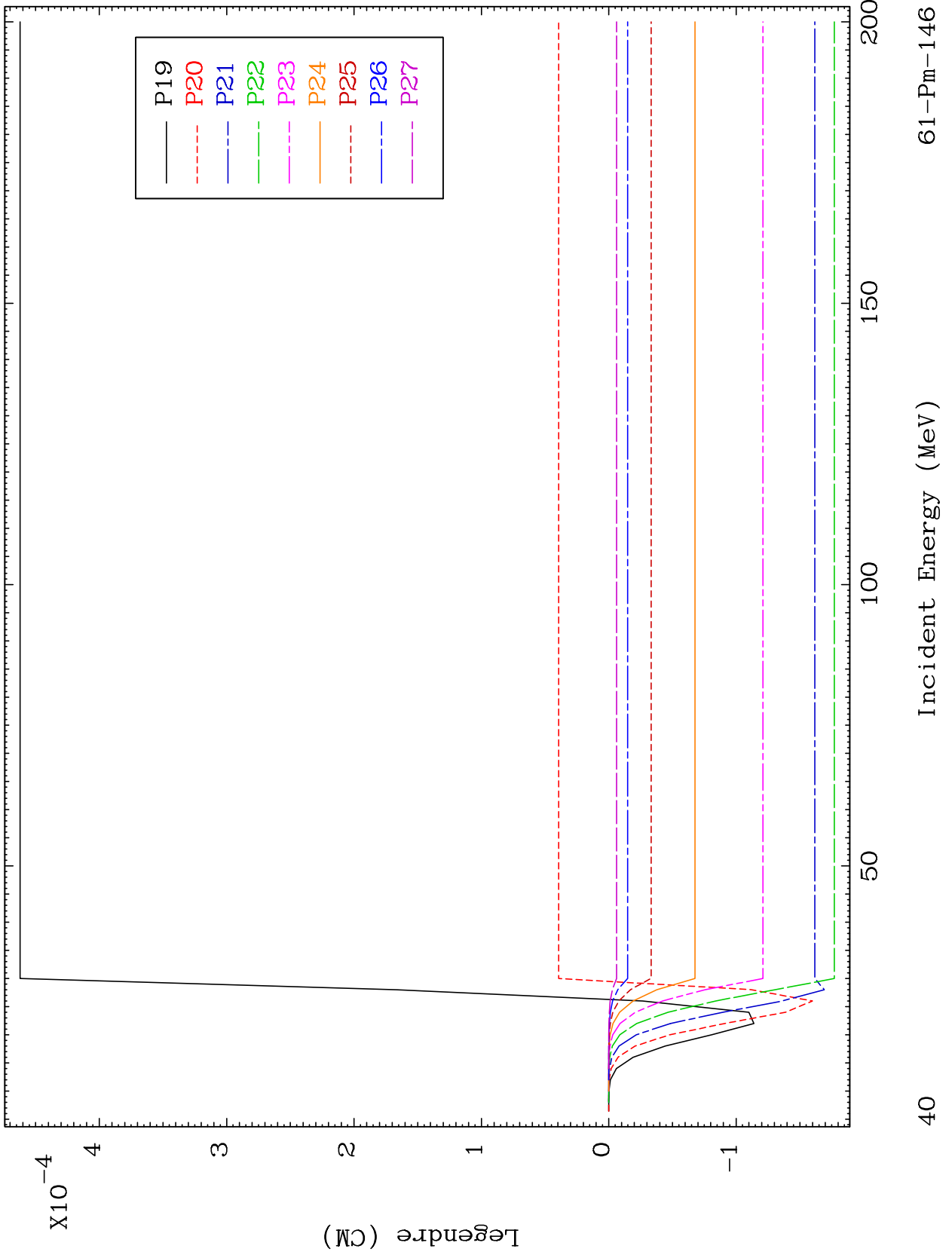
Incident Energy (MeV)

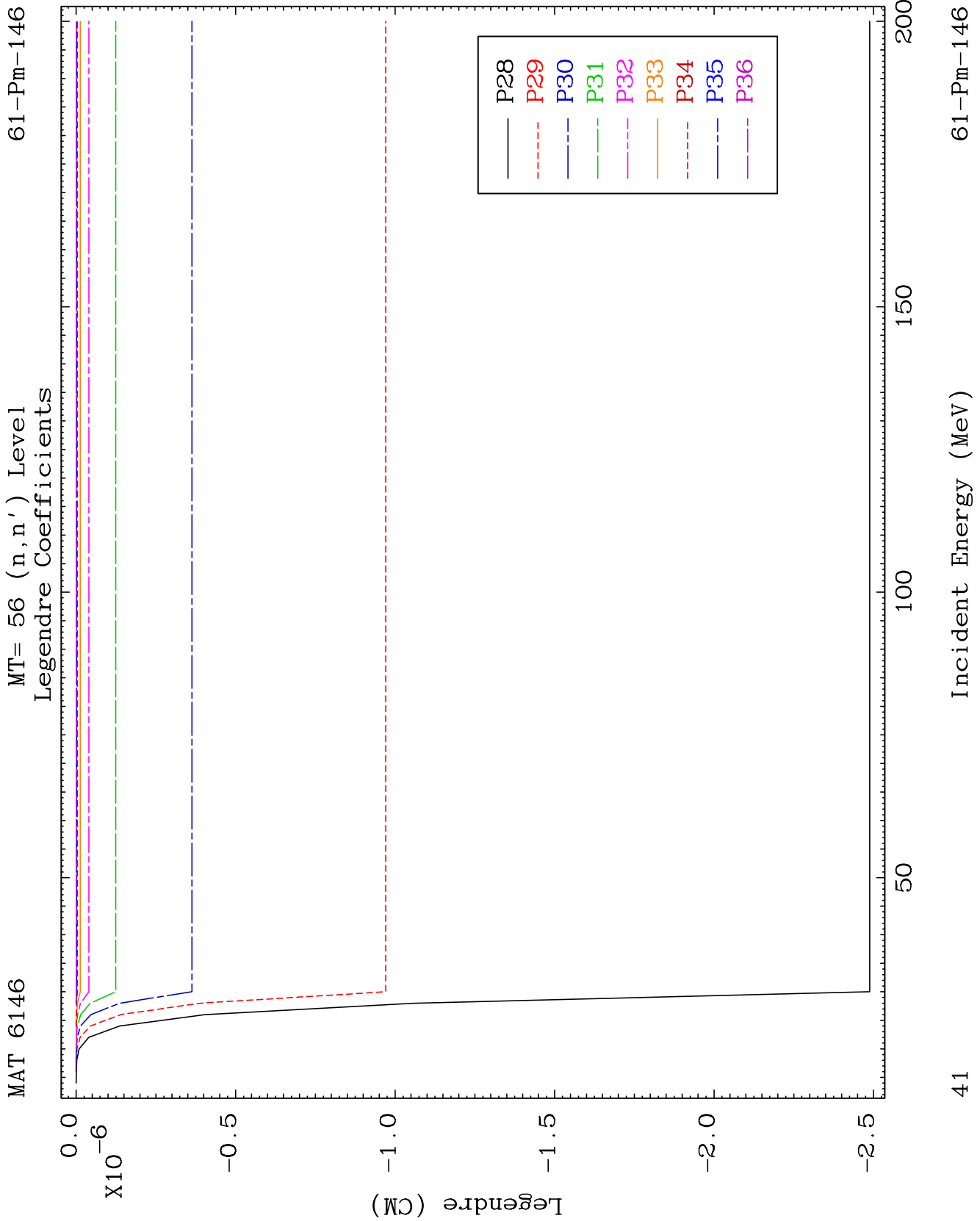
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MAT 6146

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

61-Pm-146

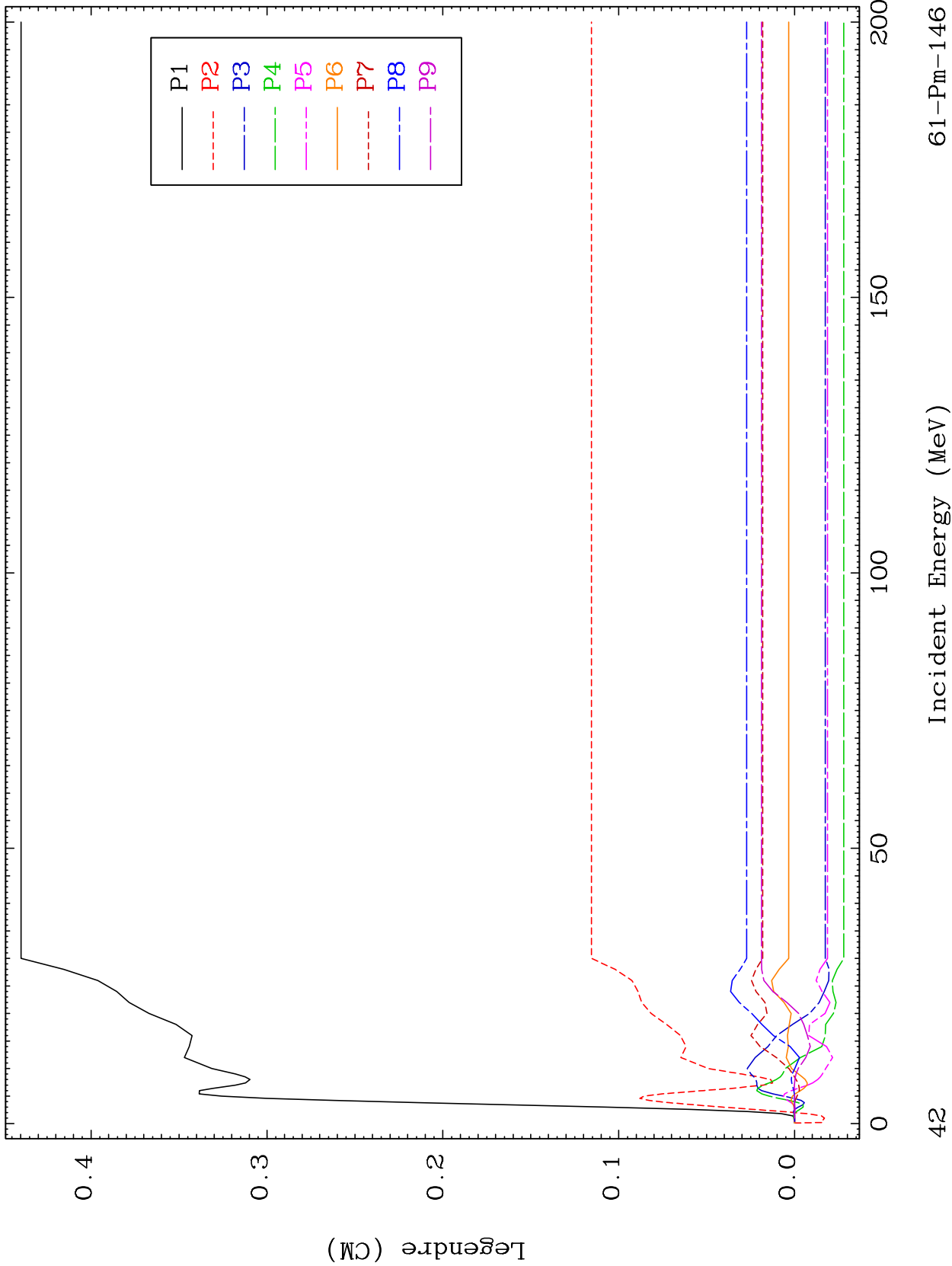




MAT 6146

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

61-Pm-146



61-Pm-146

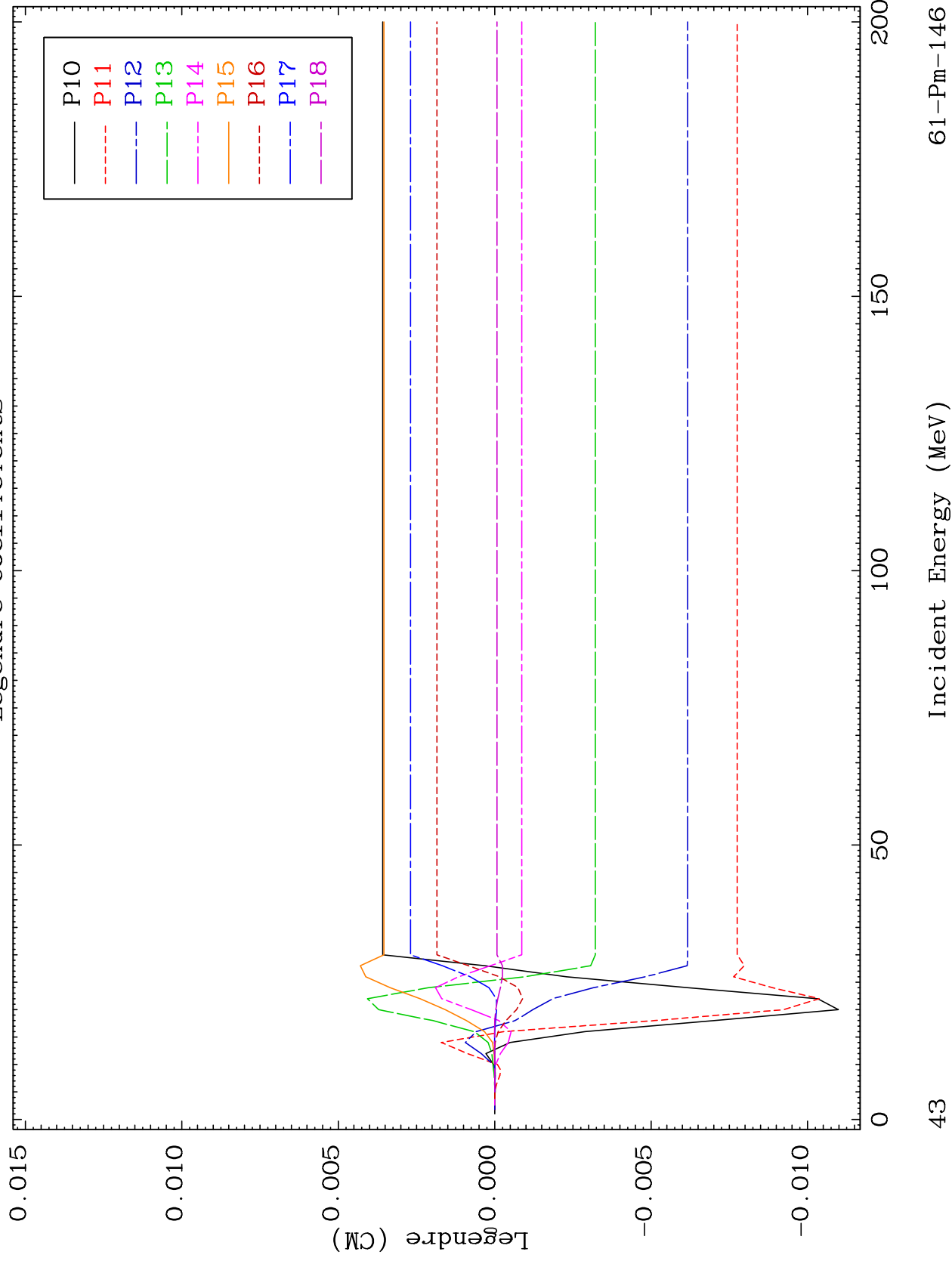
Incident Energy (MeV)

42

MAT 6146

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

61-Pm-146



61-Pm-146

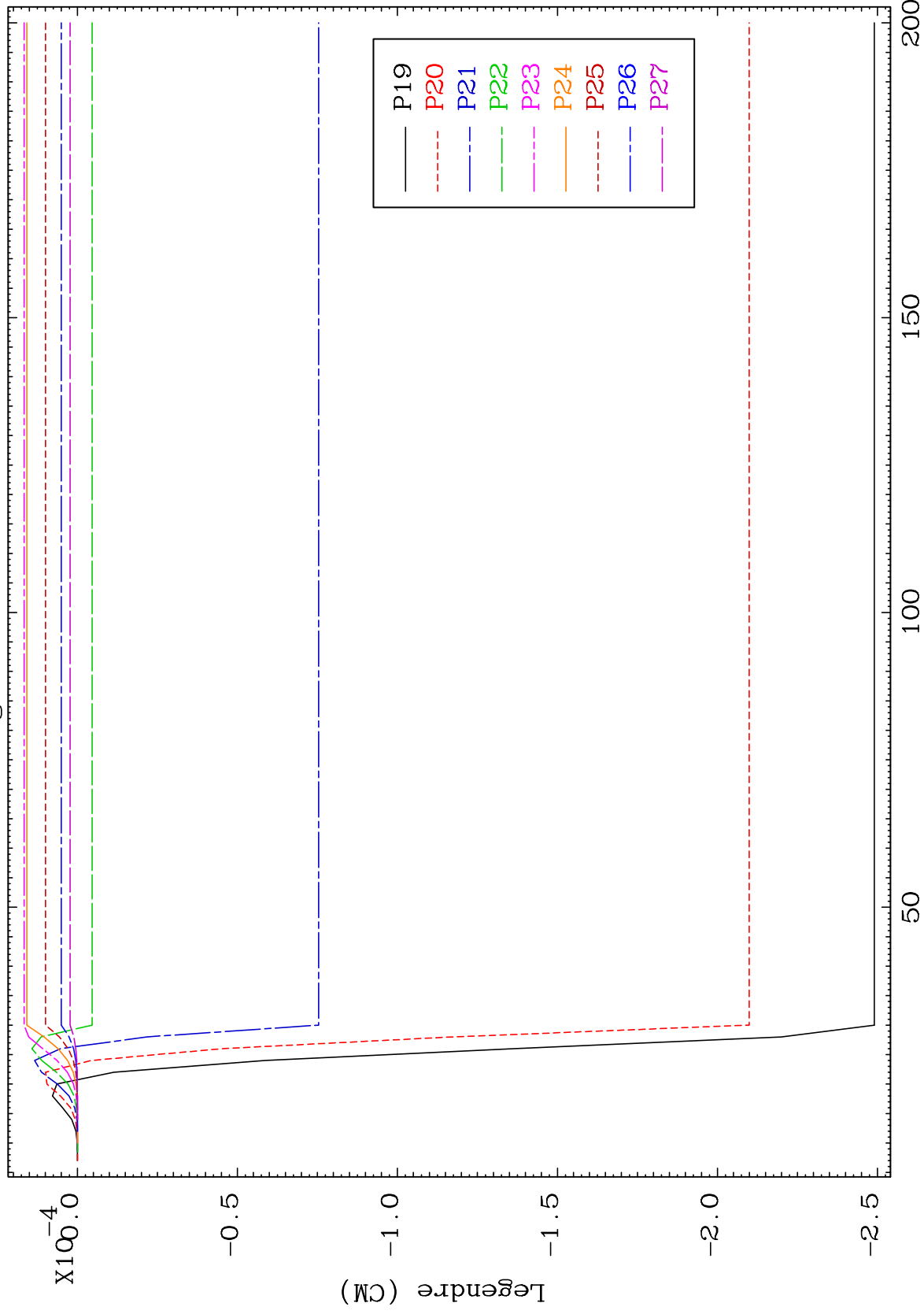
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43

MAT 6146

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

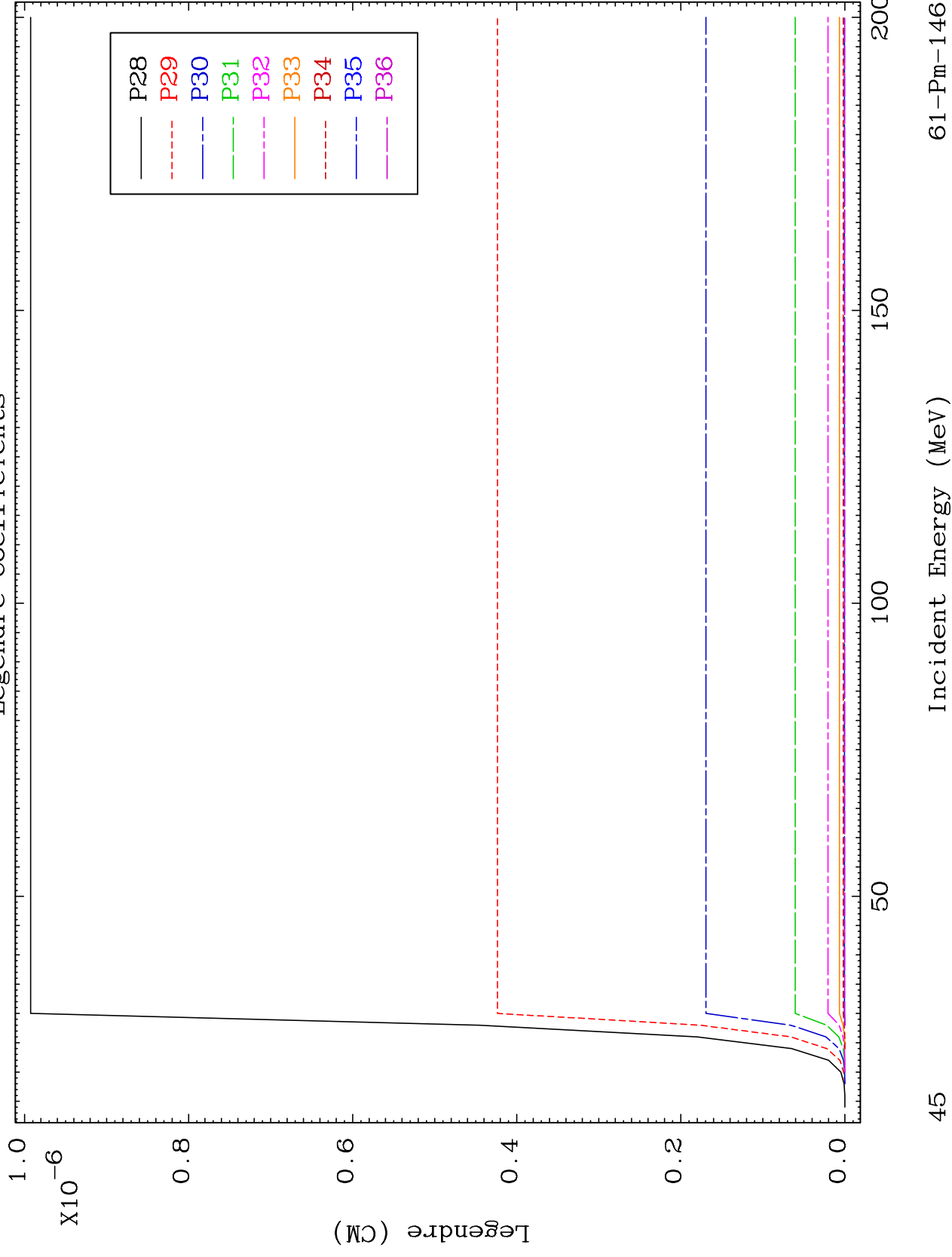
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MAT 6146

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

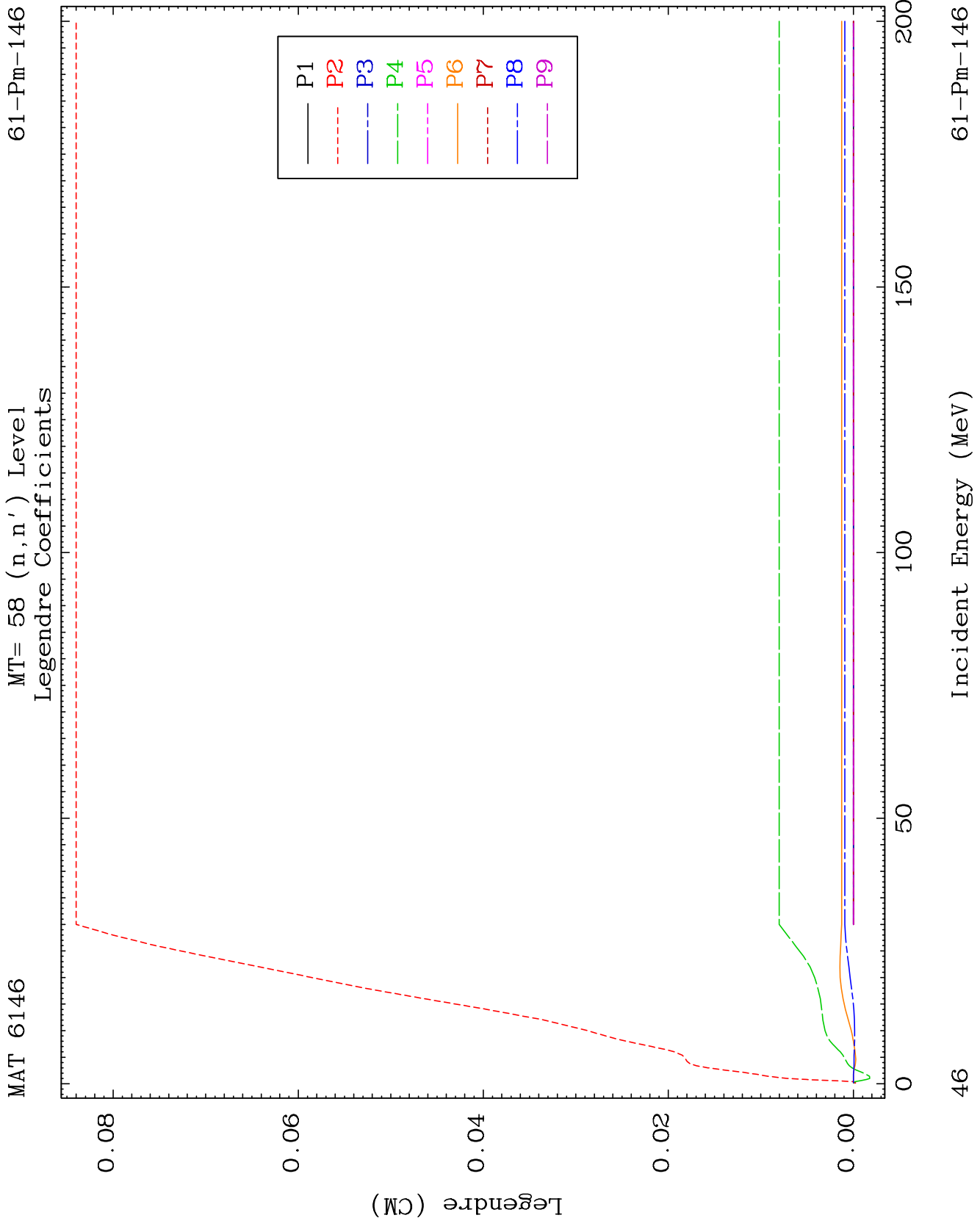
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61-Pm-146

Incident Energy (MeV)

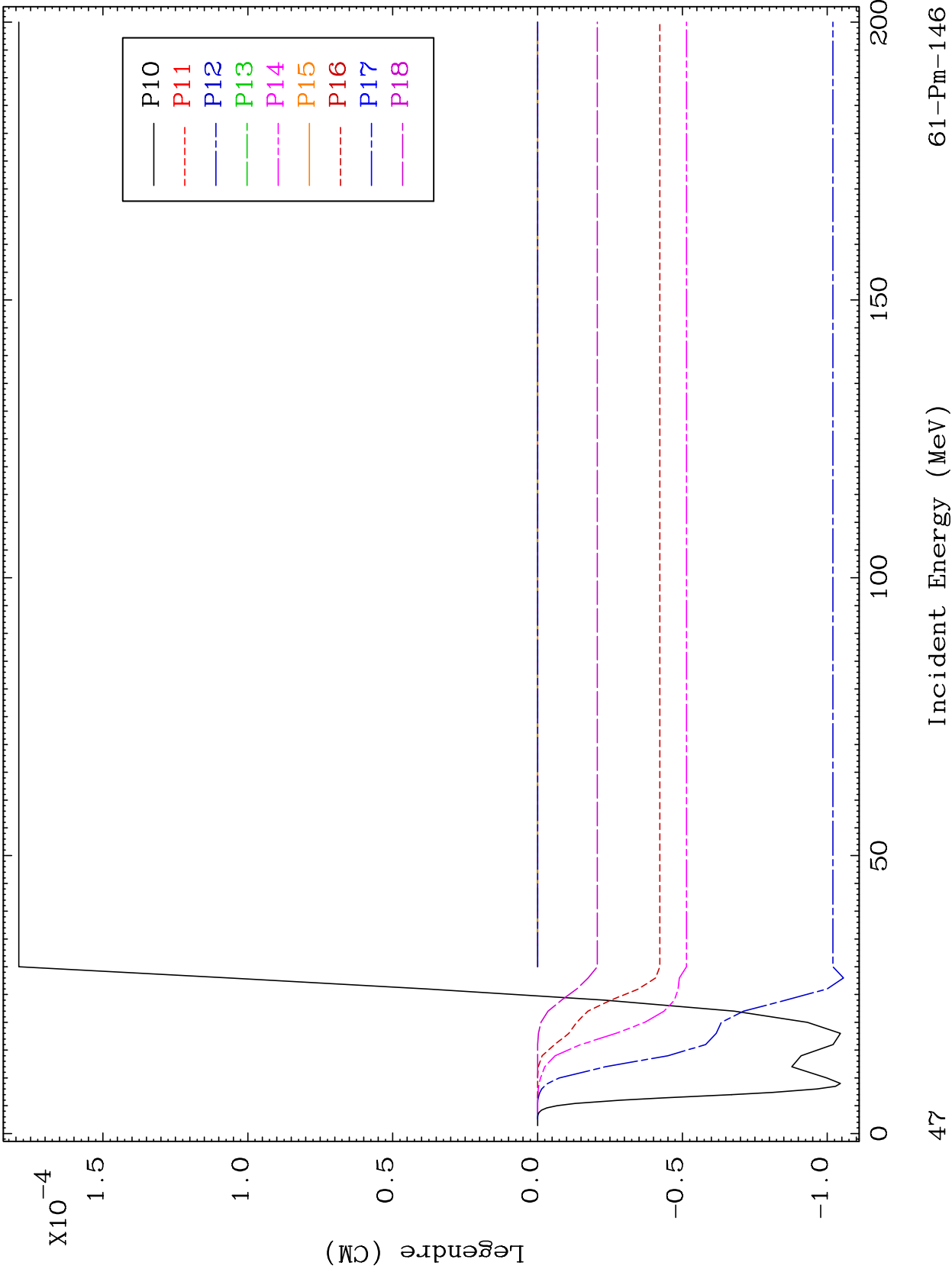
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MAT 6146

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

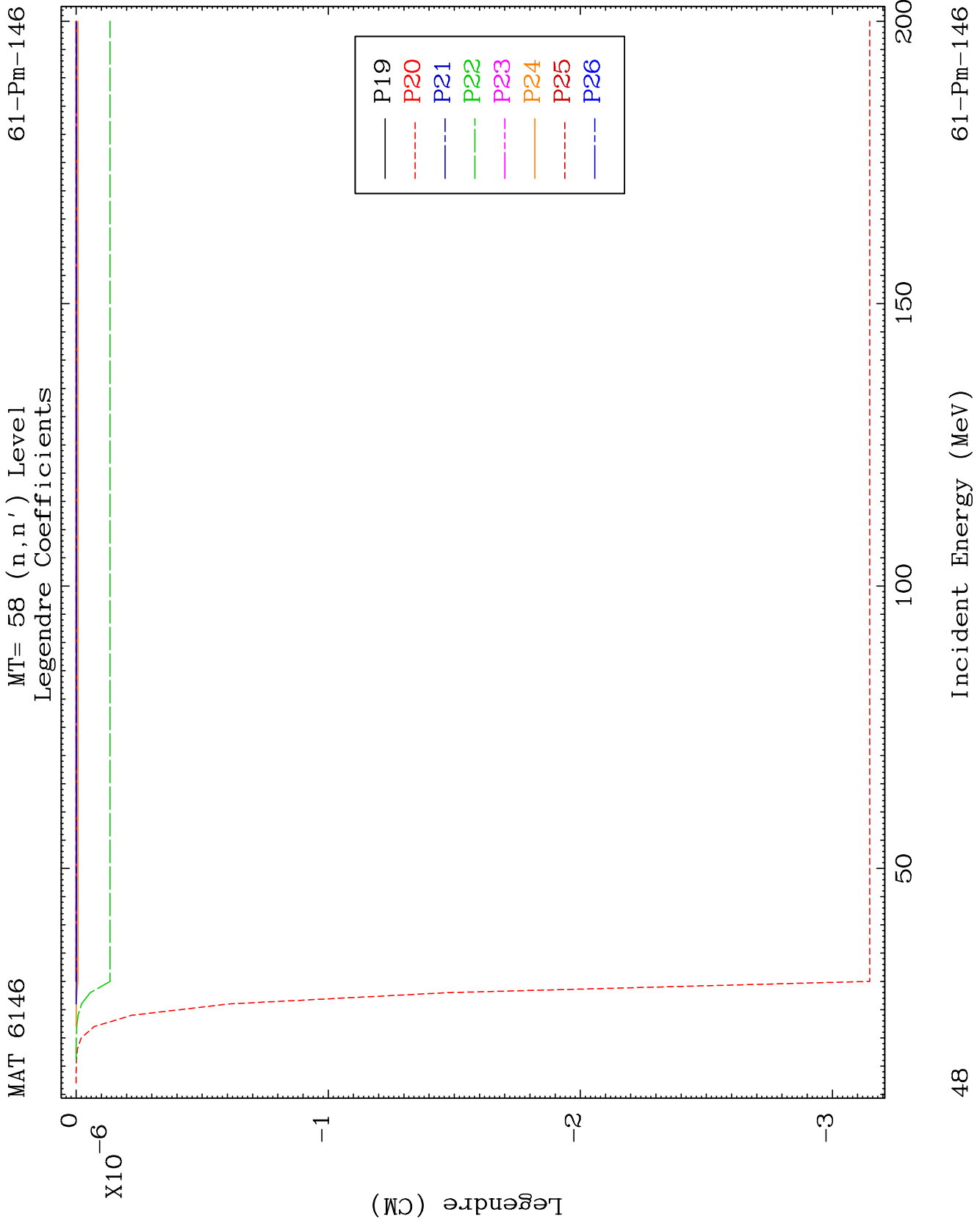
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47

Incident Energy (MeV)

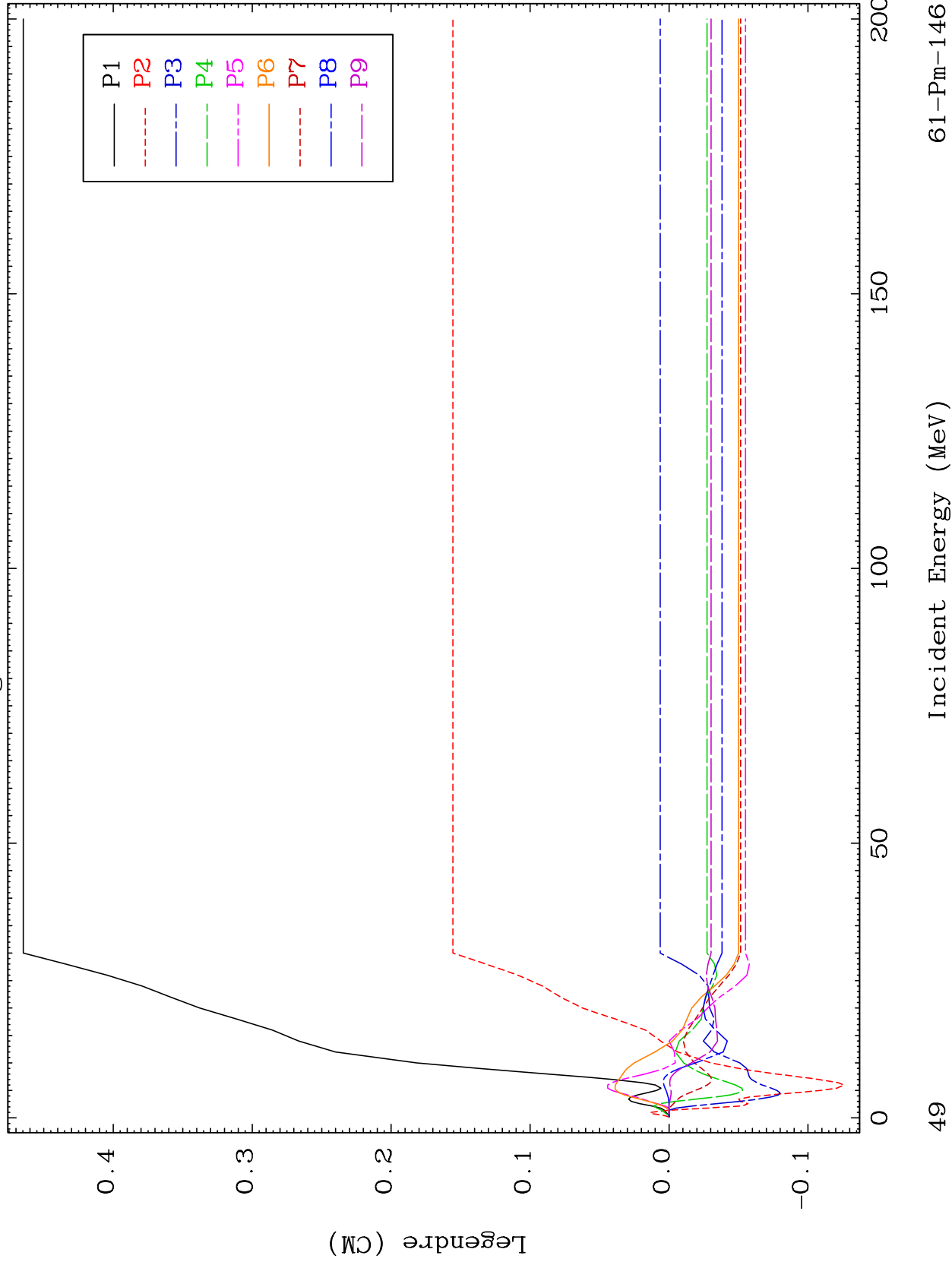
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MAT 6146

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

61-Pm-146



61-Pm-146

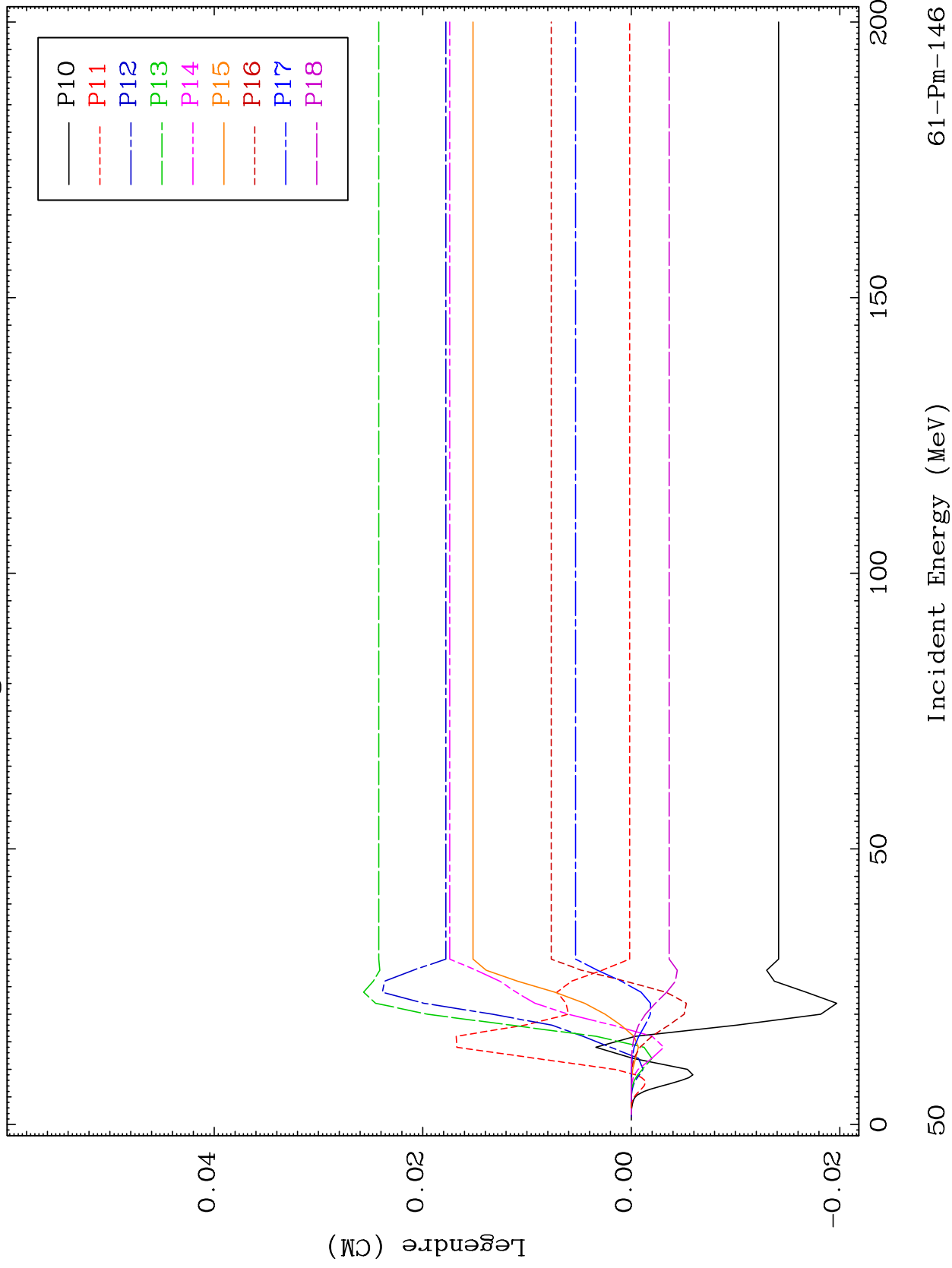
Incident Energy (MeV)

49

MAT 6146

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

61-Pm-146

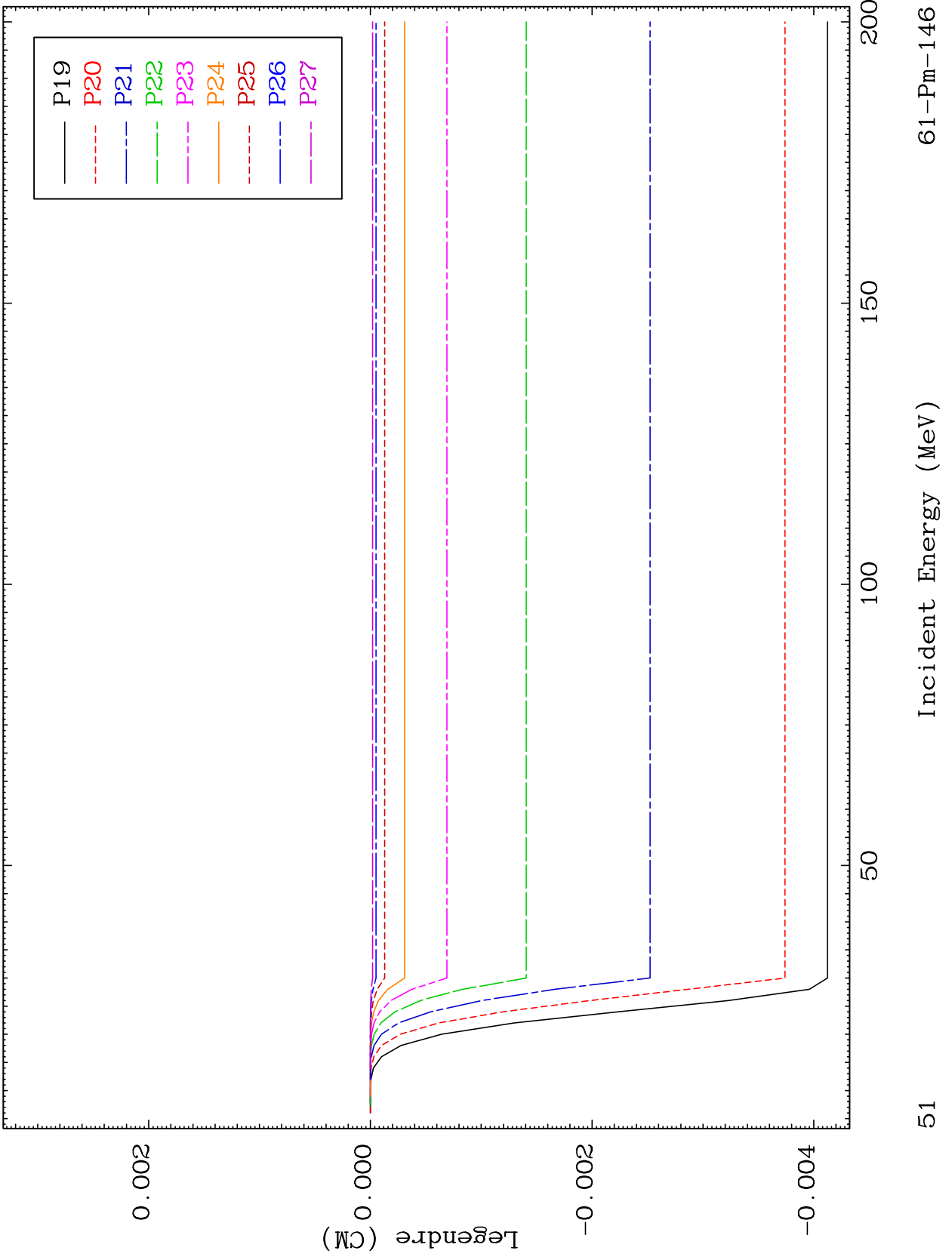


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MAT 6146

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

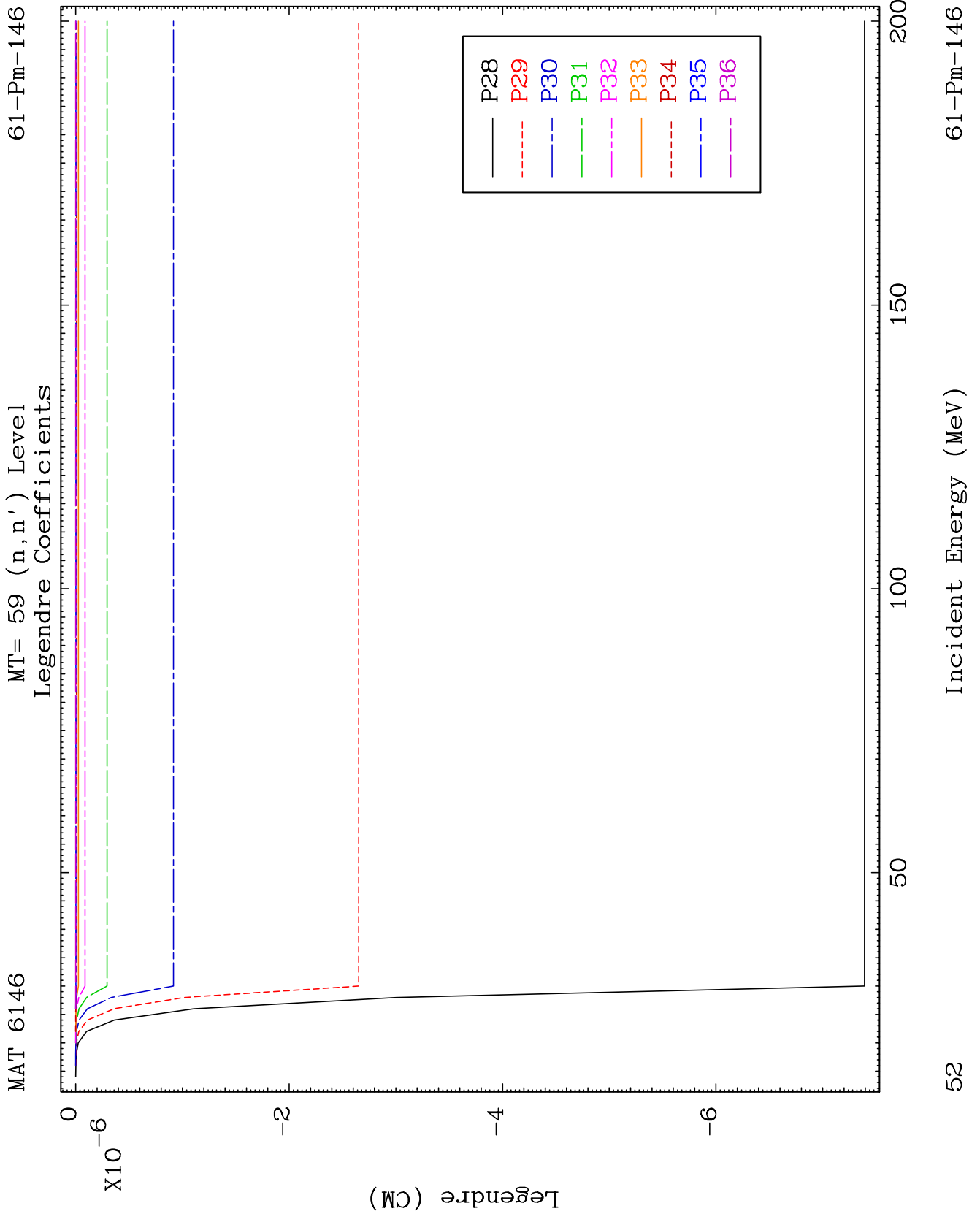
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51

Incident Energy (MeV)

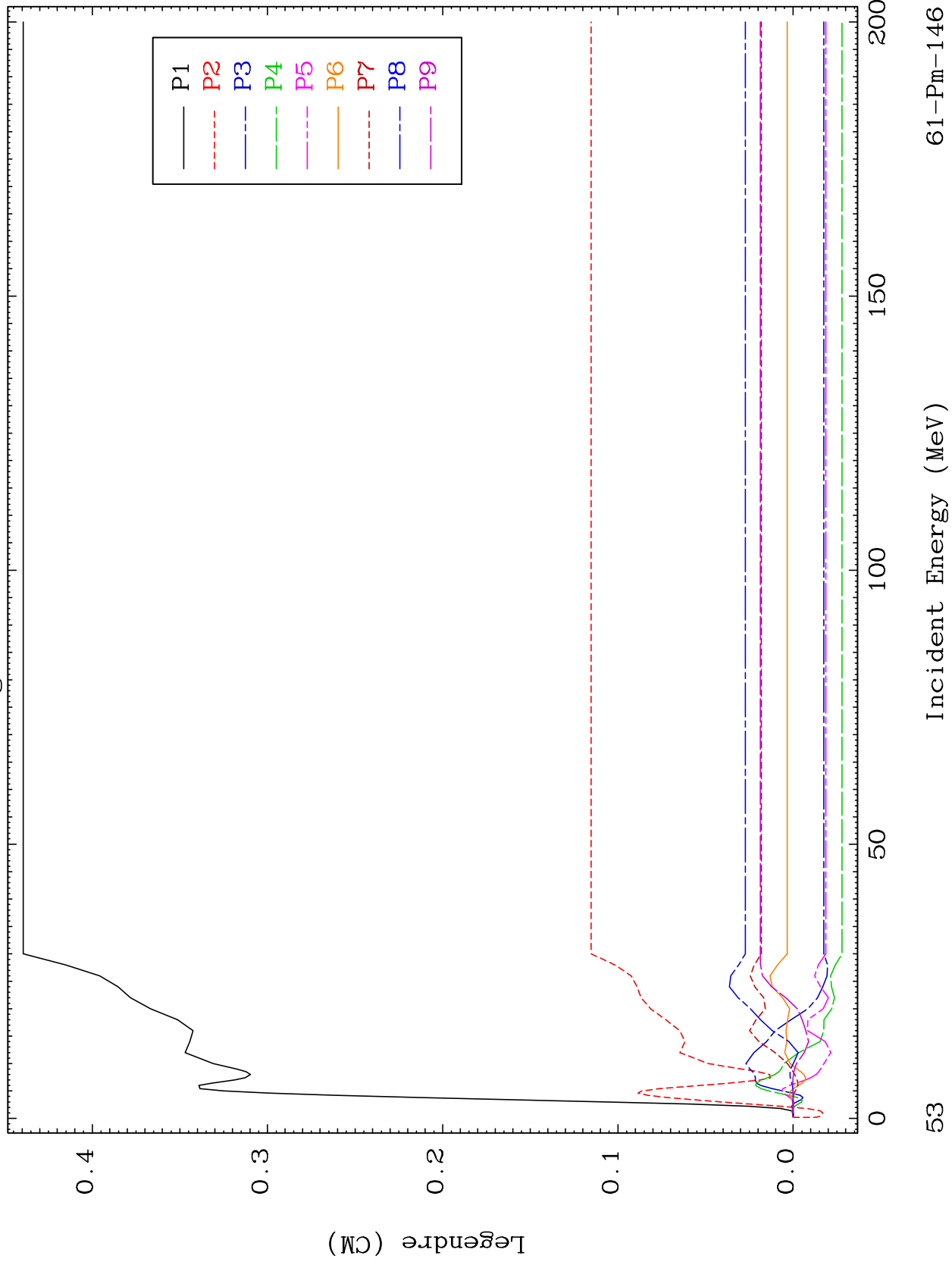
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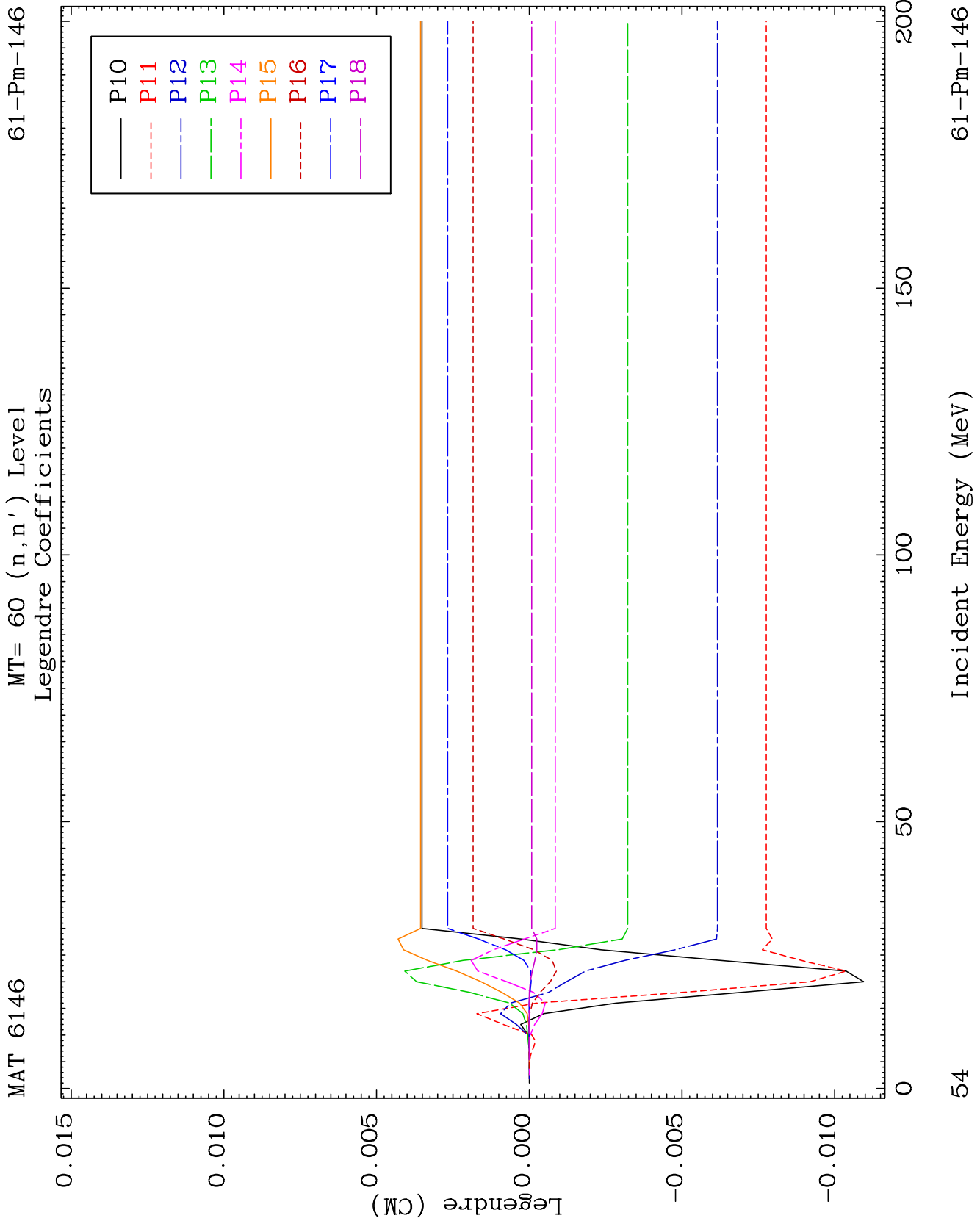
MAT 6146

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

61-Pm-146



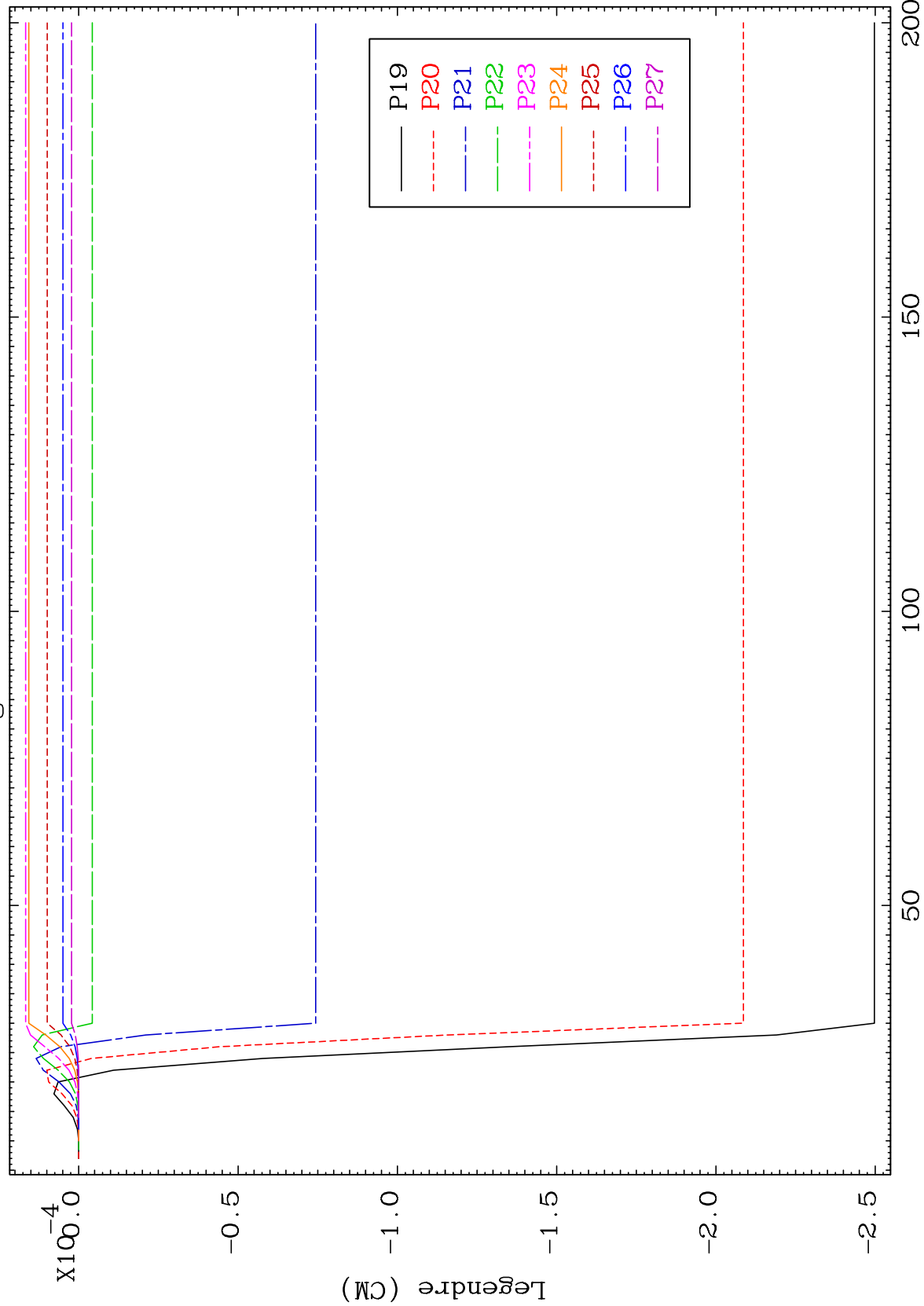
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MAT 6146

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

61-Pm-146



55

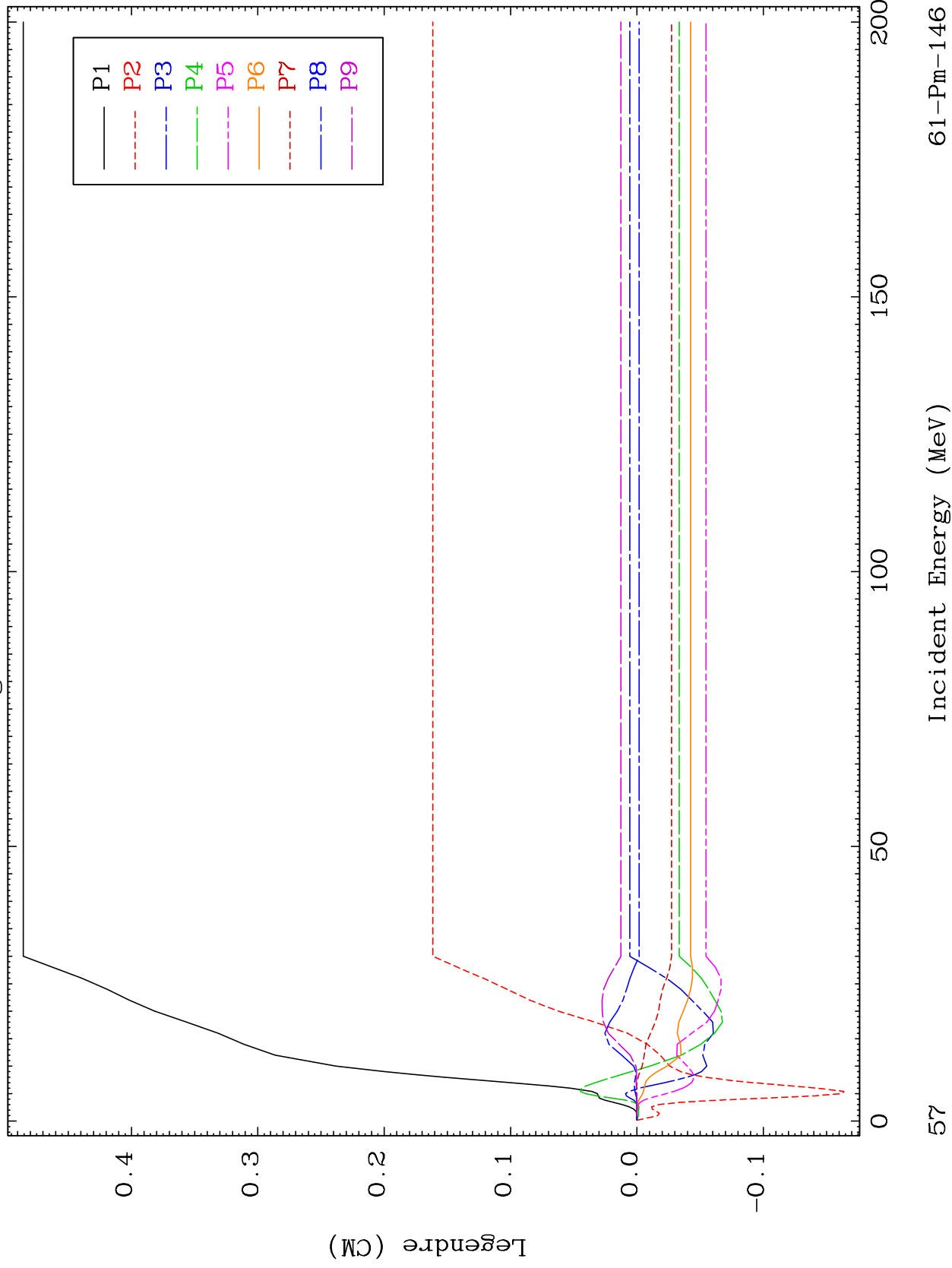
Incident Energy (MeV)

61-Pm-146

MAT 6146

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

61-Pm-146



61-Pm-146

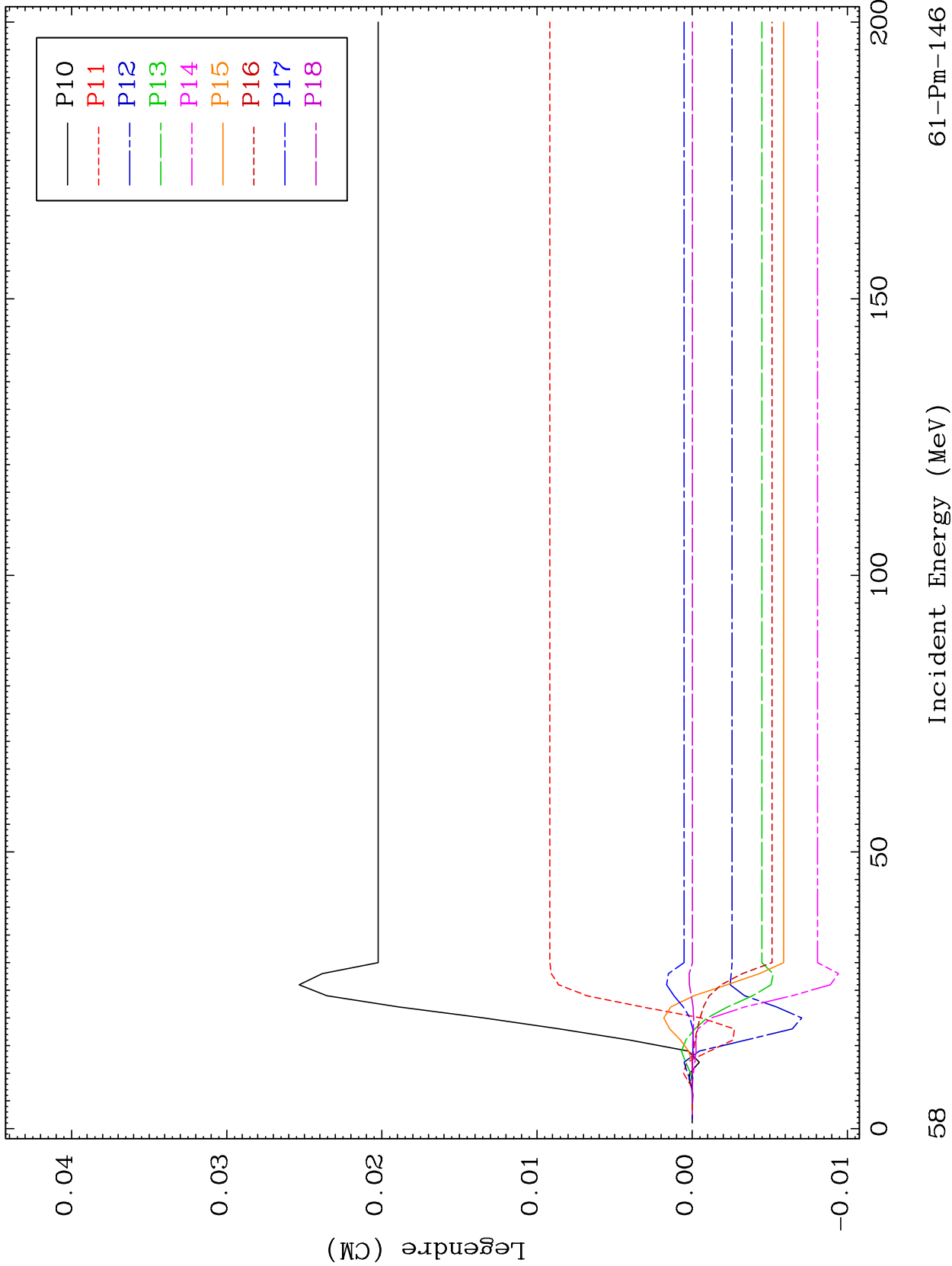
Incident Energy (MeV)

57

MAT 6146

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

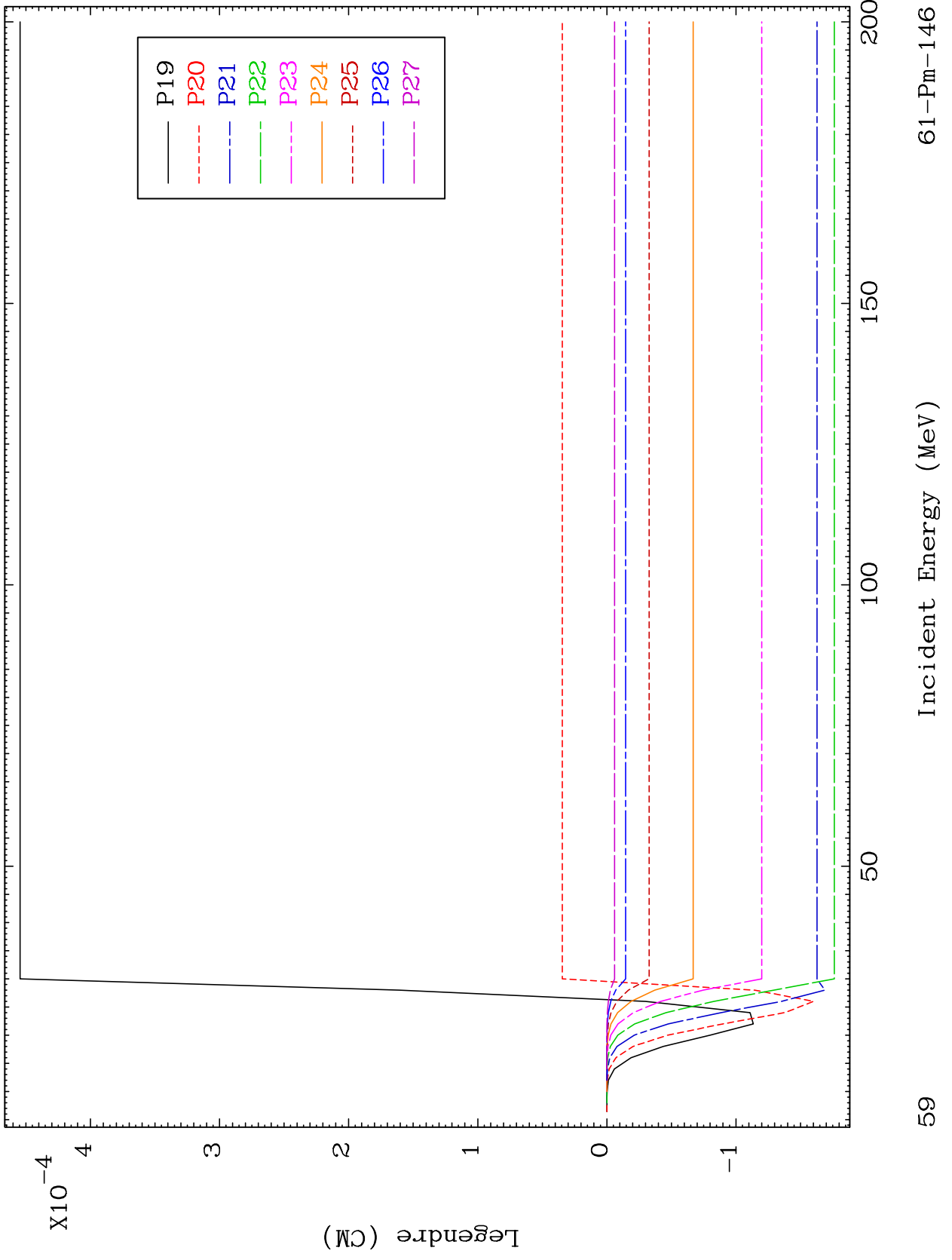
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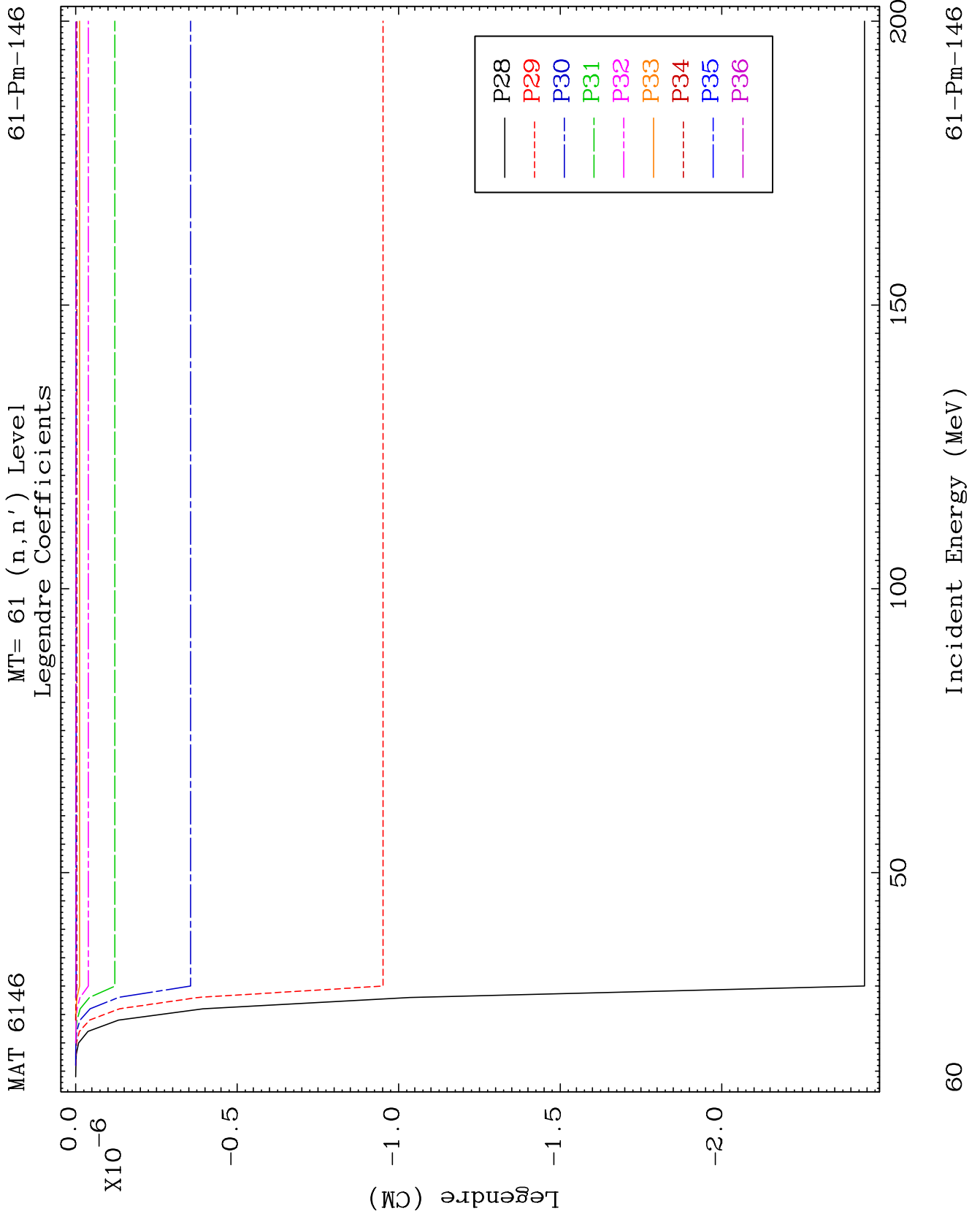


58

Incident Energy (MeV)

61-Pm-146

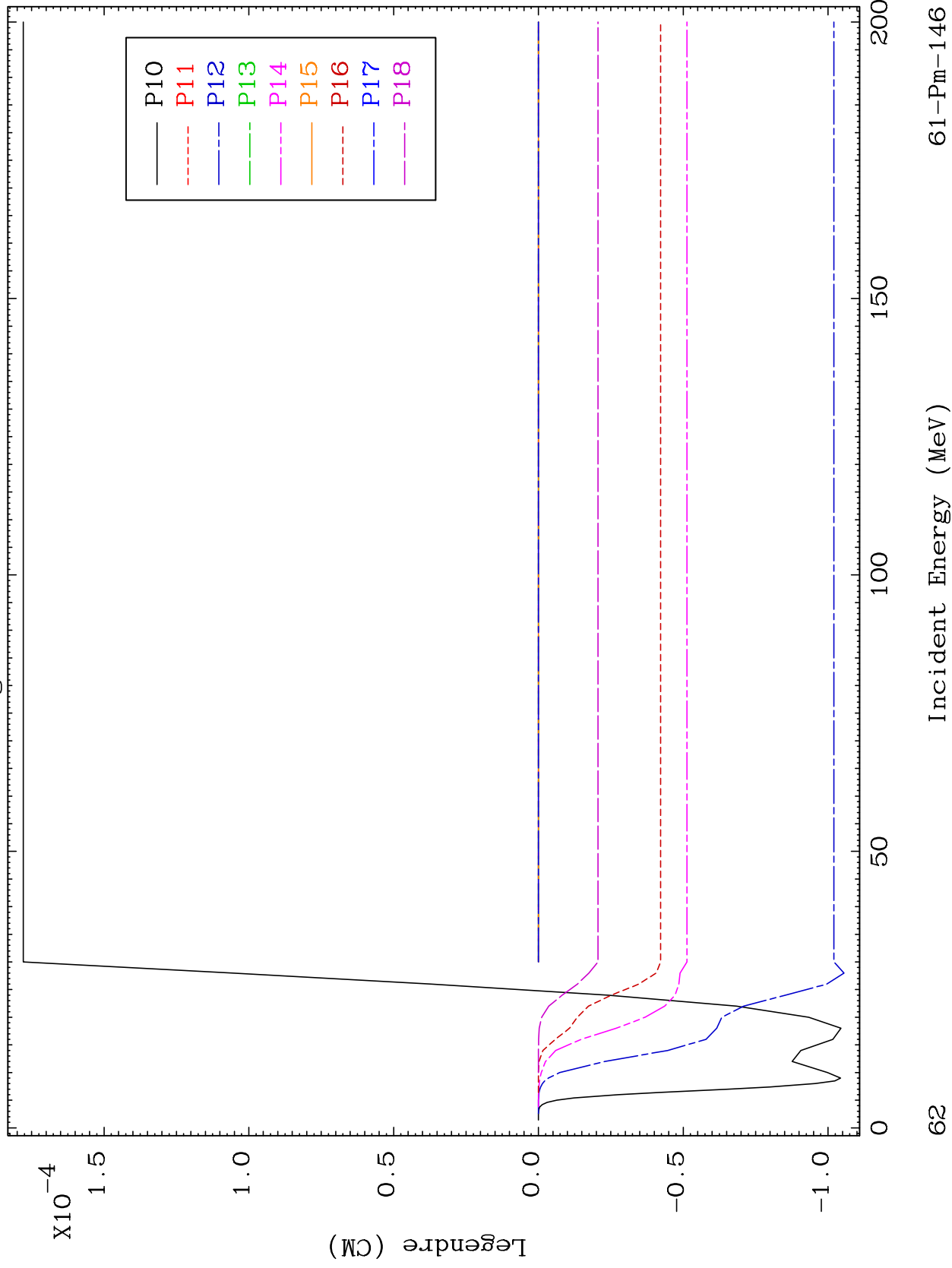




MAT 6146

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

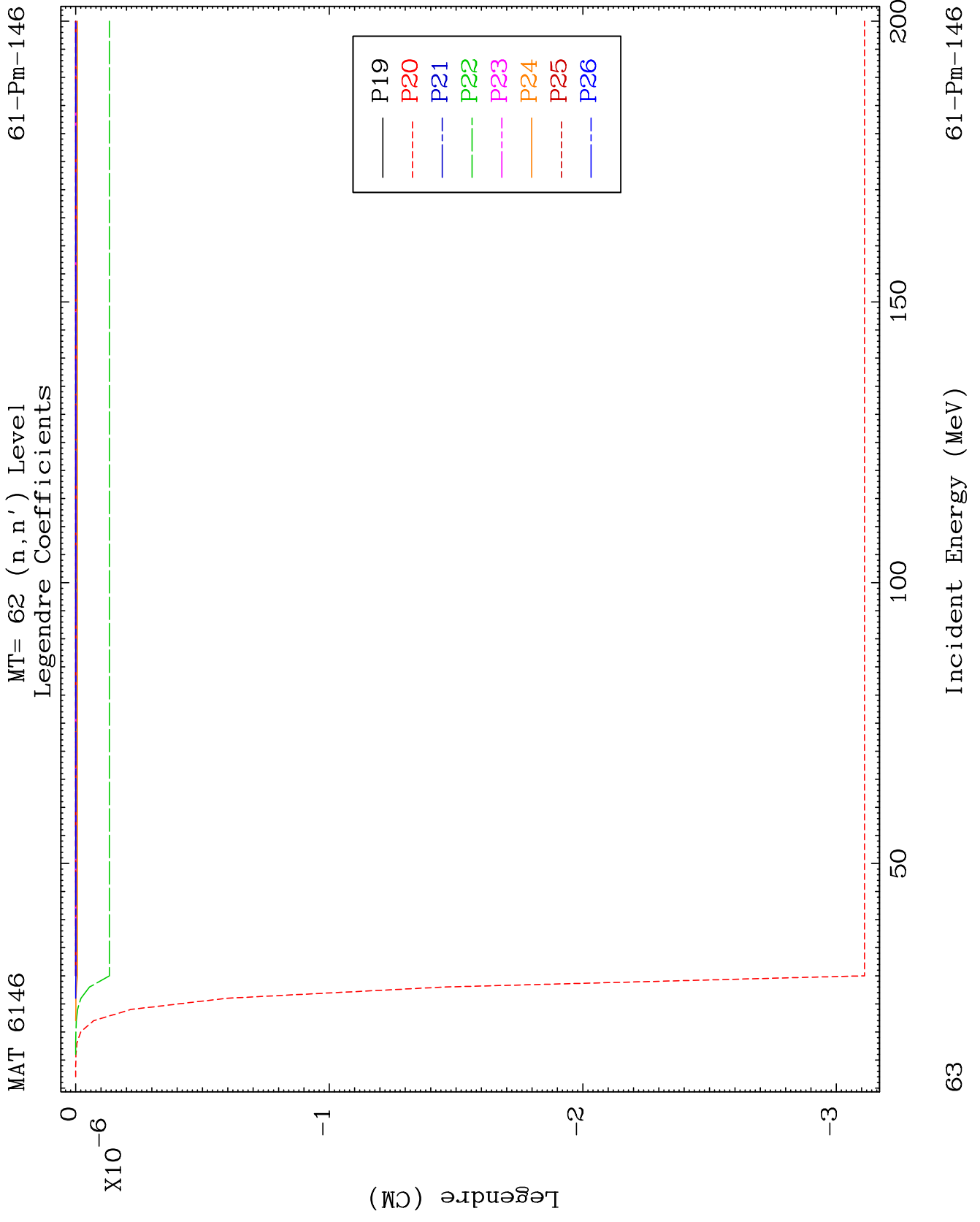
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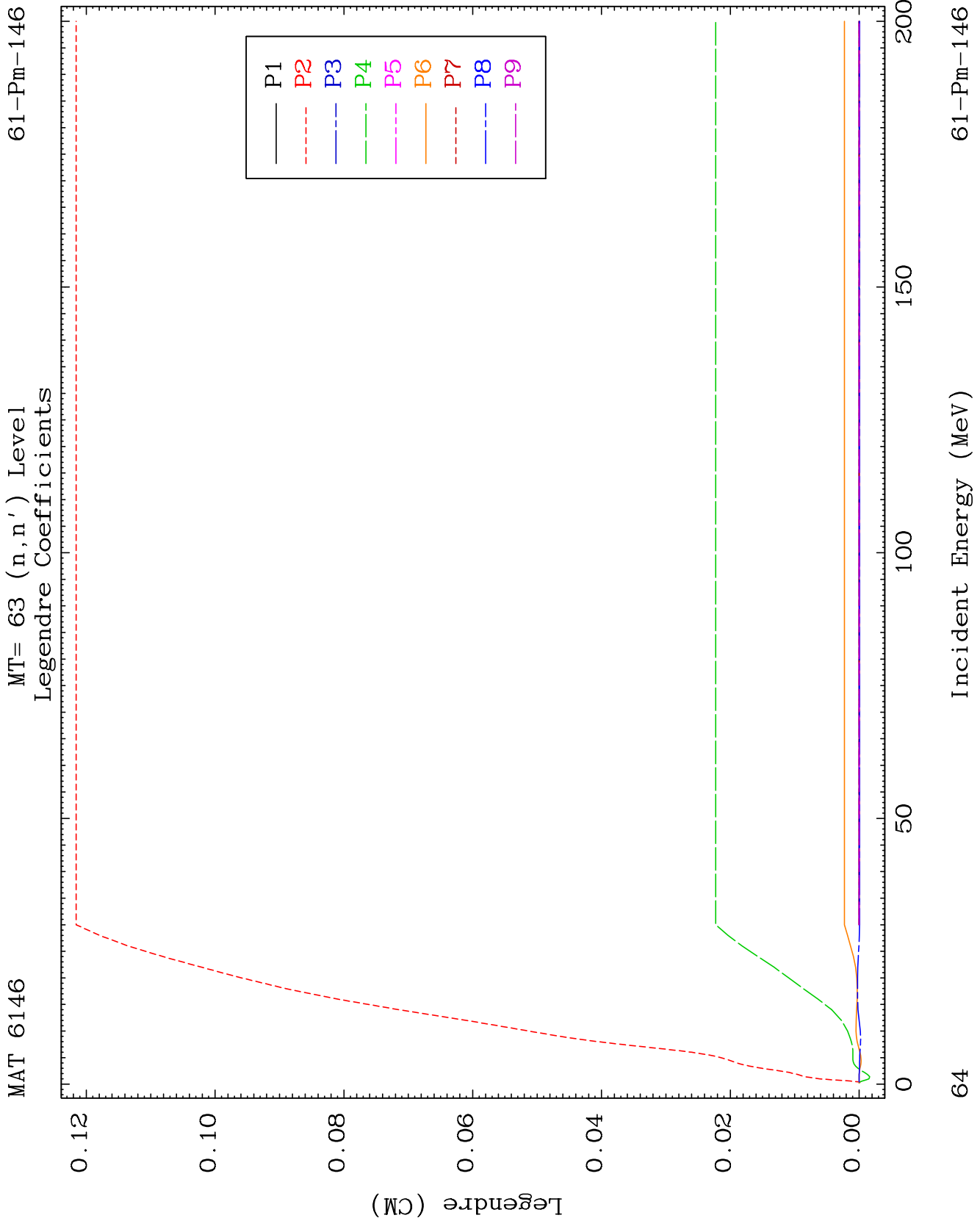


61-Pm-146

Incident Energy (MeV)

62

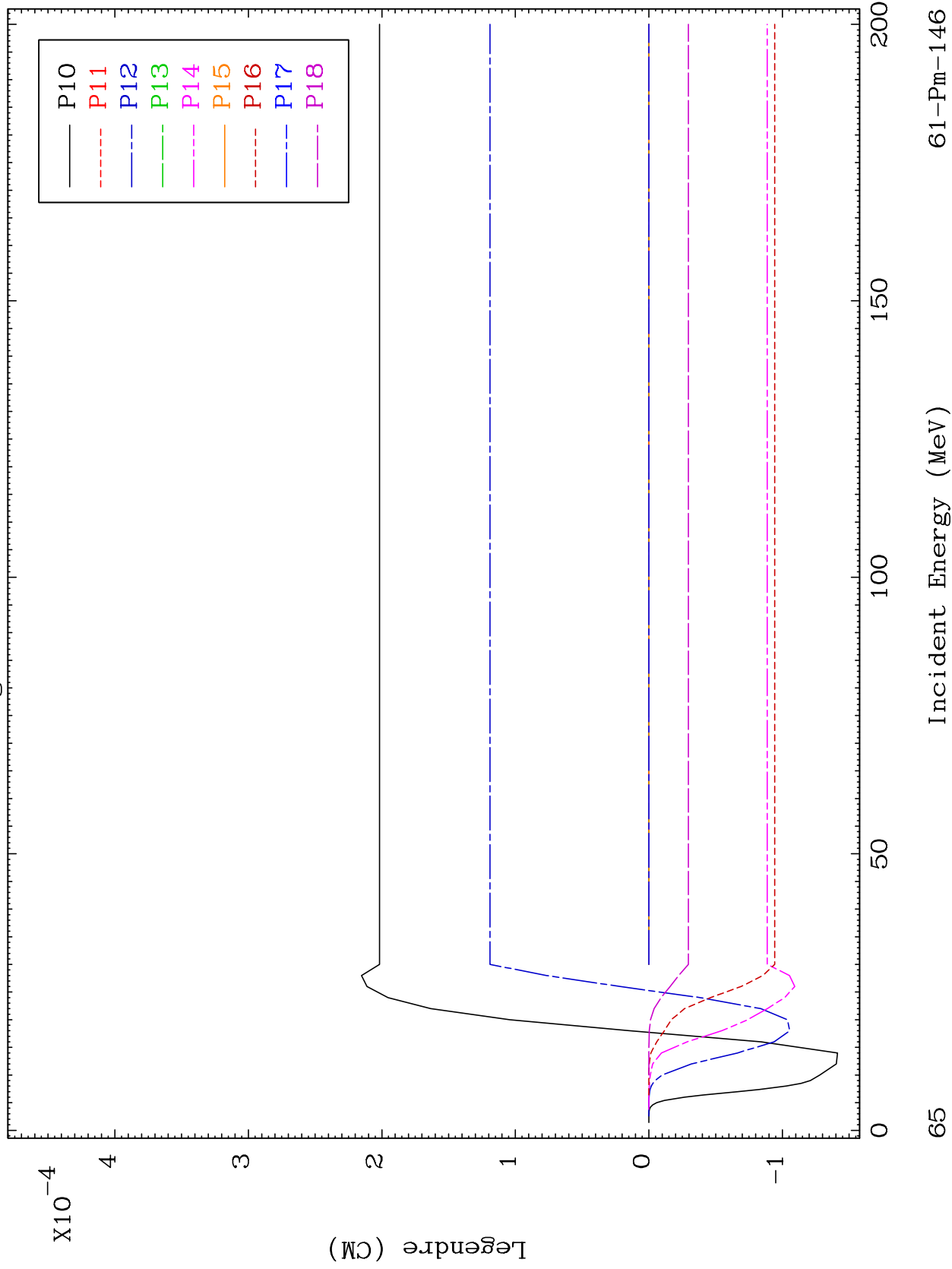


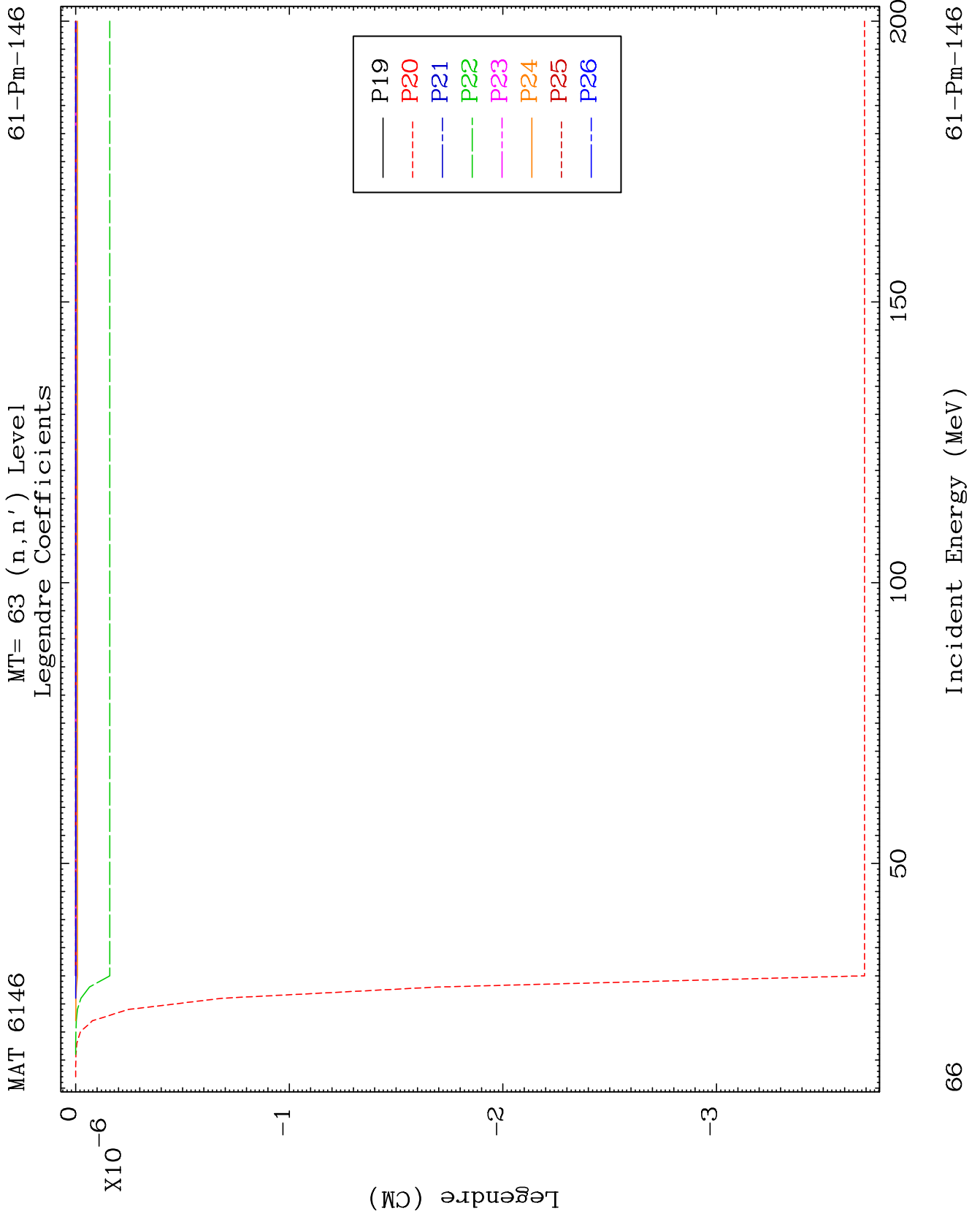


MAT 6146

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

61-Pm-146

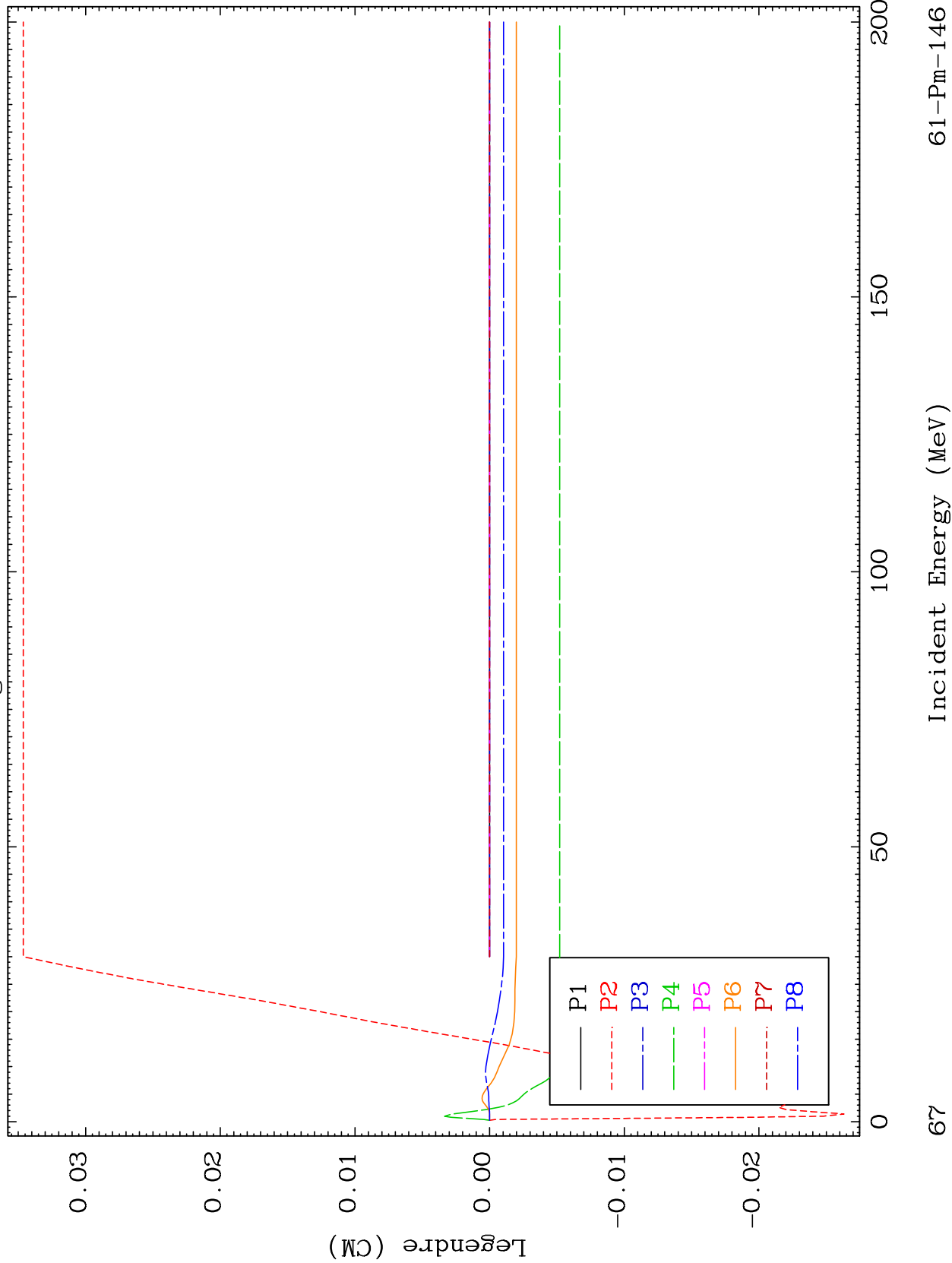




MAT 6146

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

61-Pm-146



61-Pm-146

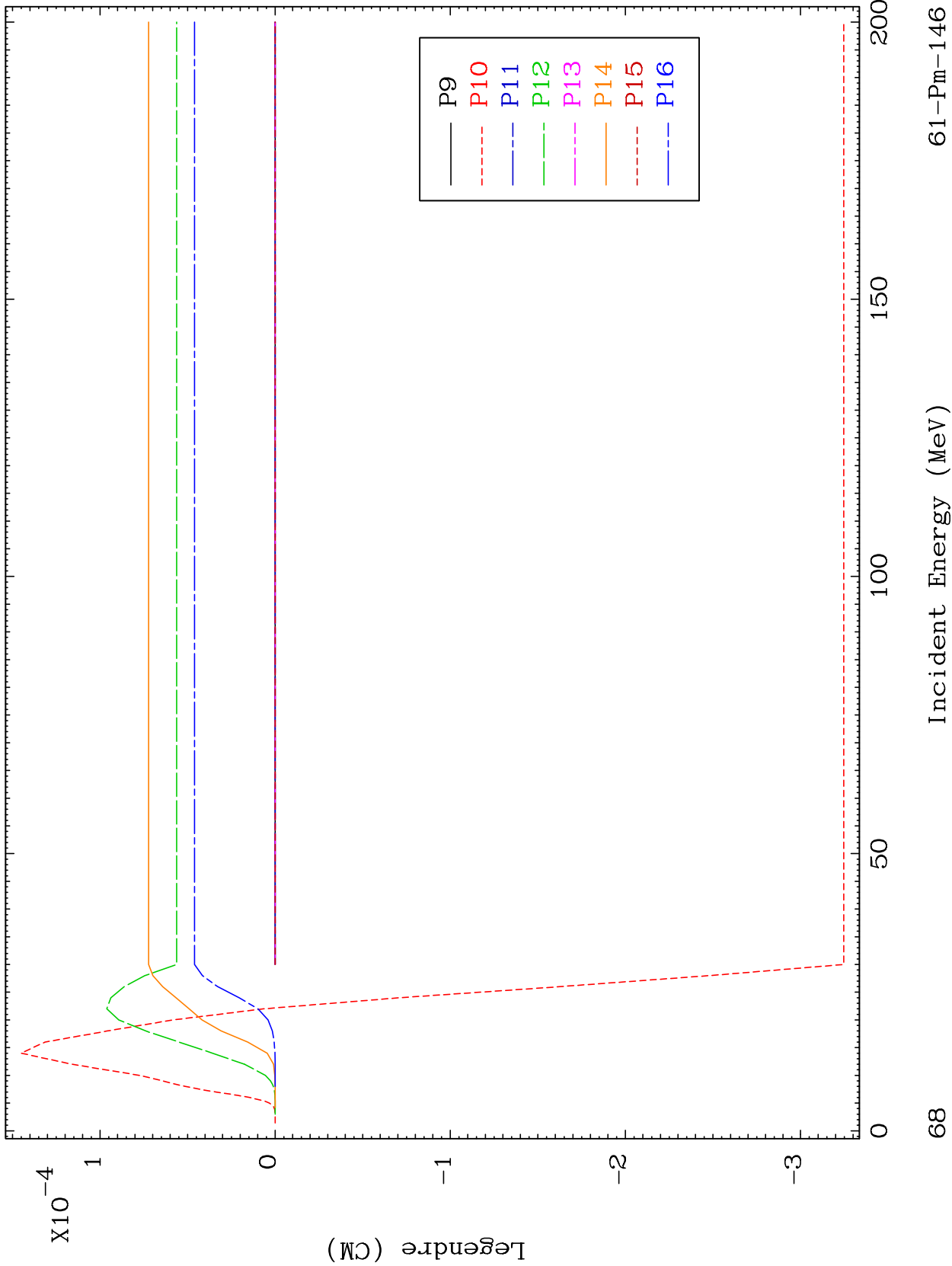
Incident Energy (MeV)

67

MAT 6146

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

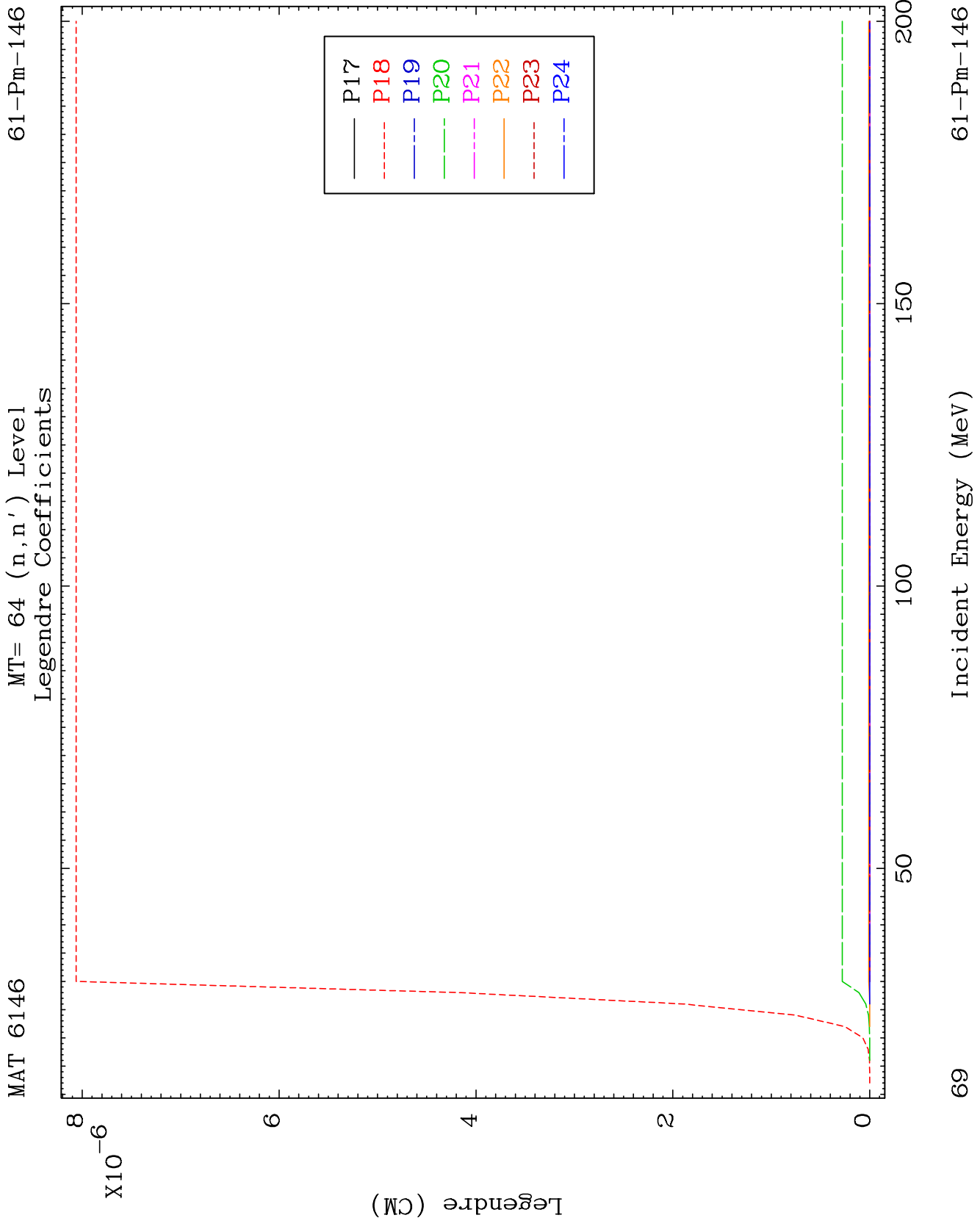
61-Pm-146



68

Incident Energy (MeV)

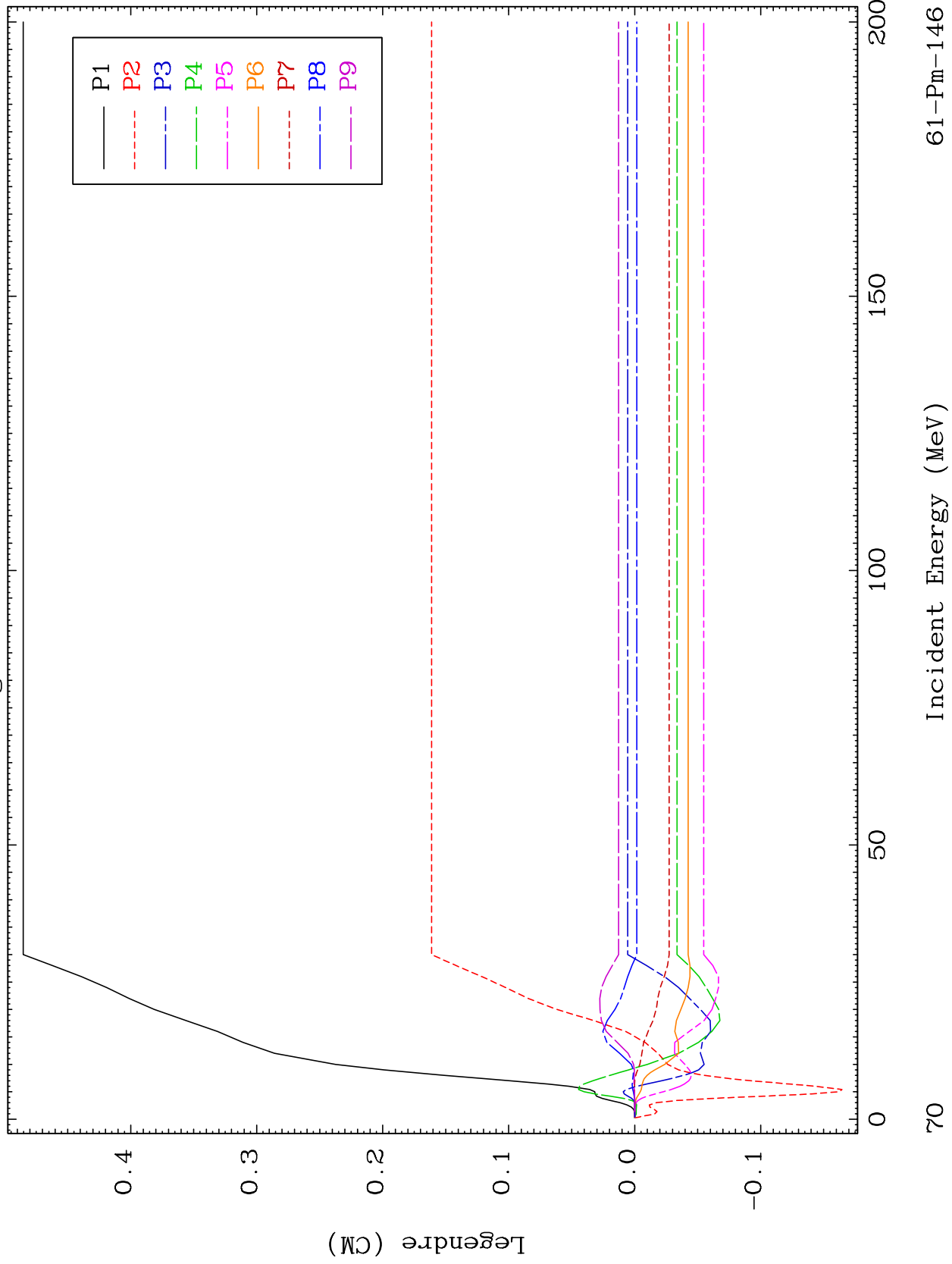
61-Pm-146



MAT 6146

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

61-Pm-146



61-Pm-146

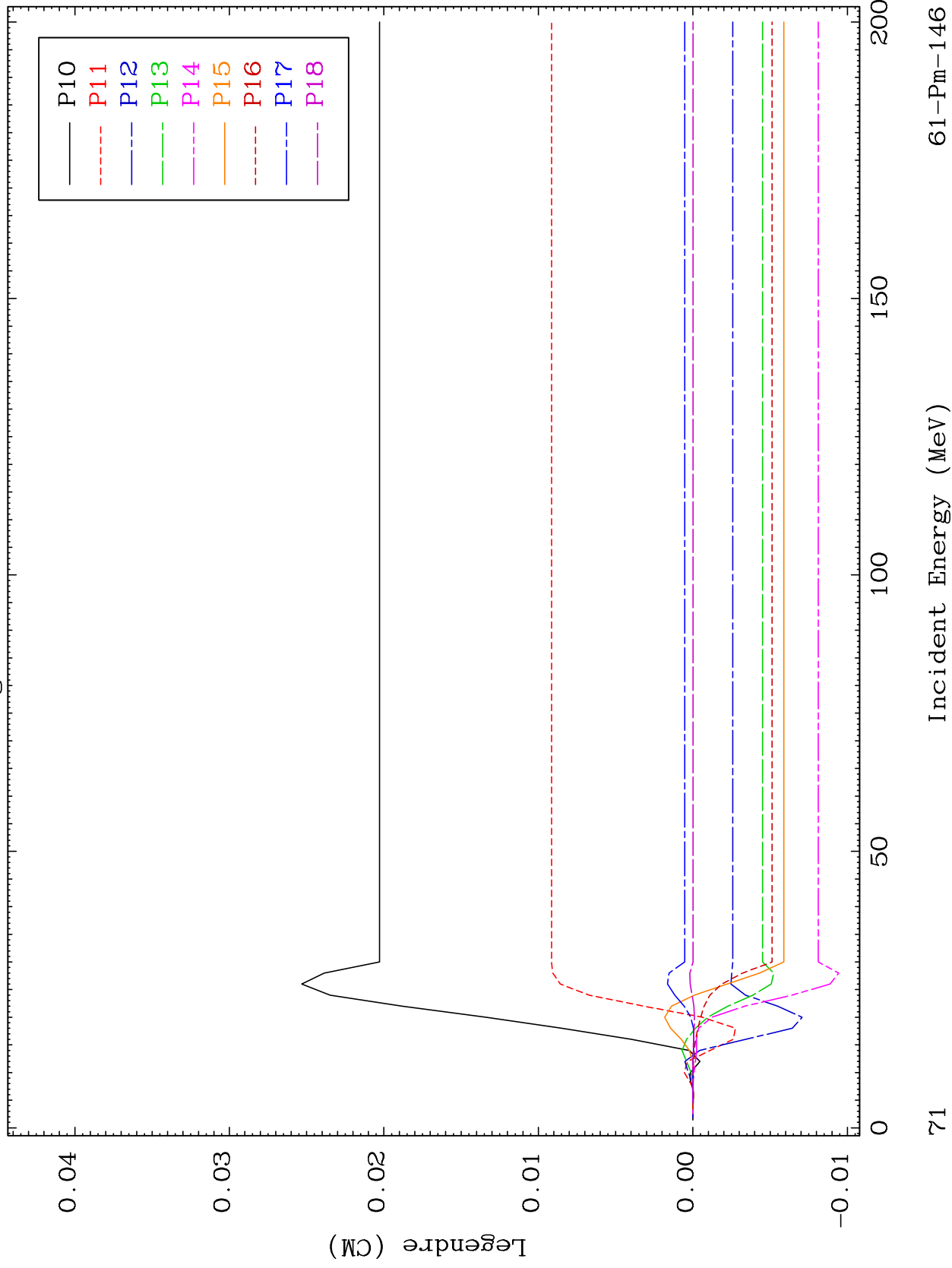
Incident Energy (MeV)

70

MAT 6146

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

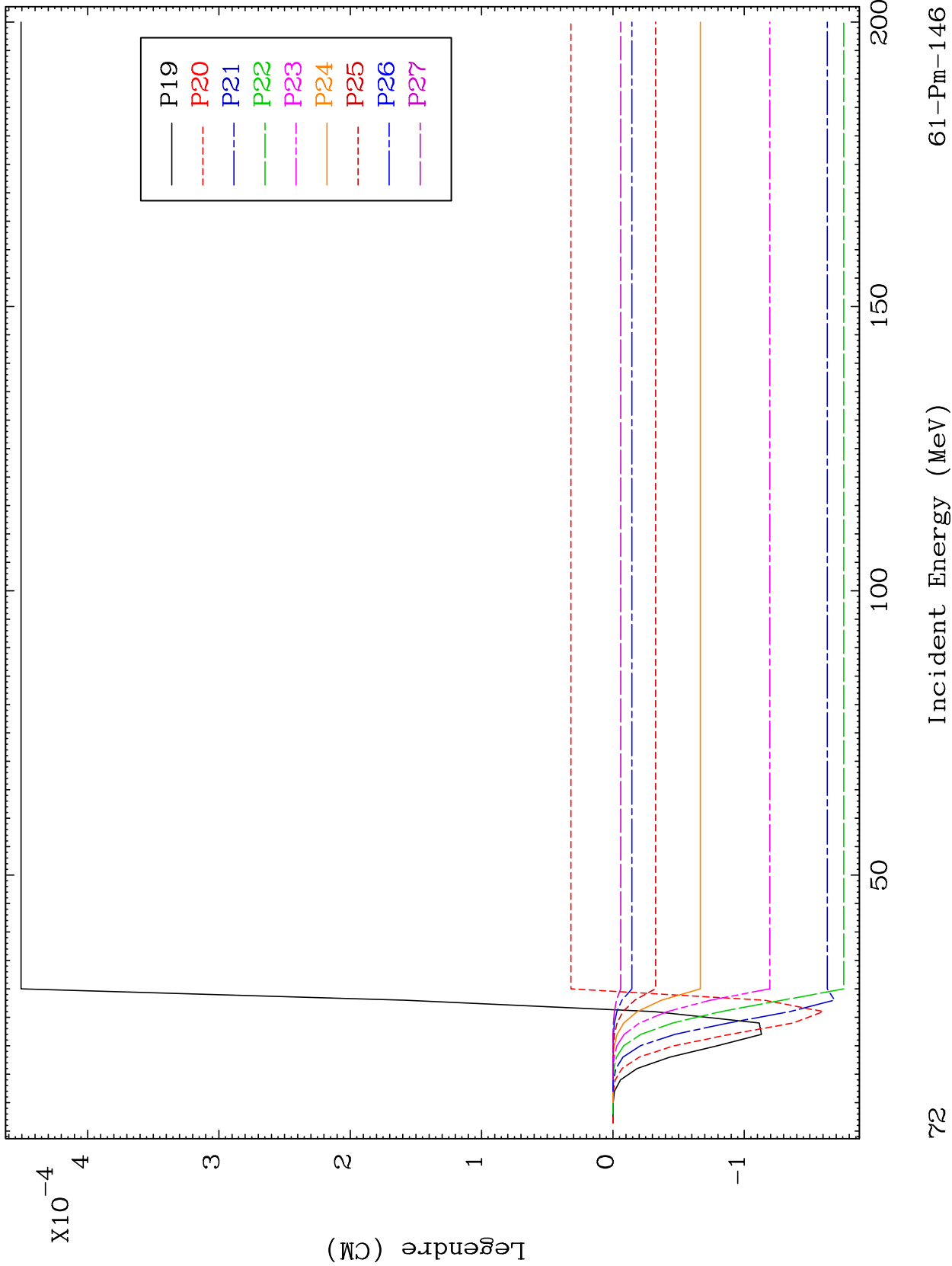
61-Pm-146



61-Pm-146

Incident Energy (MeV)

71

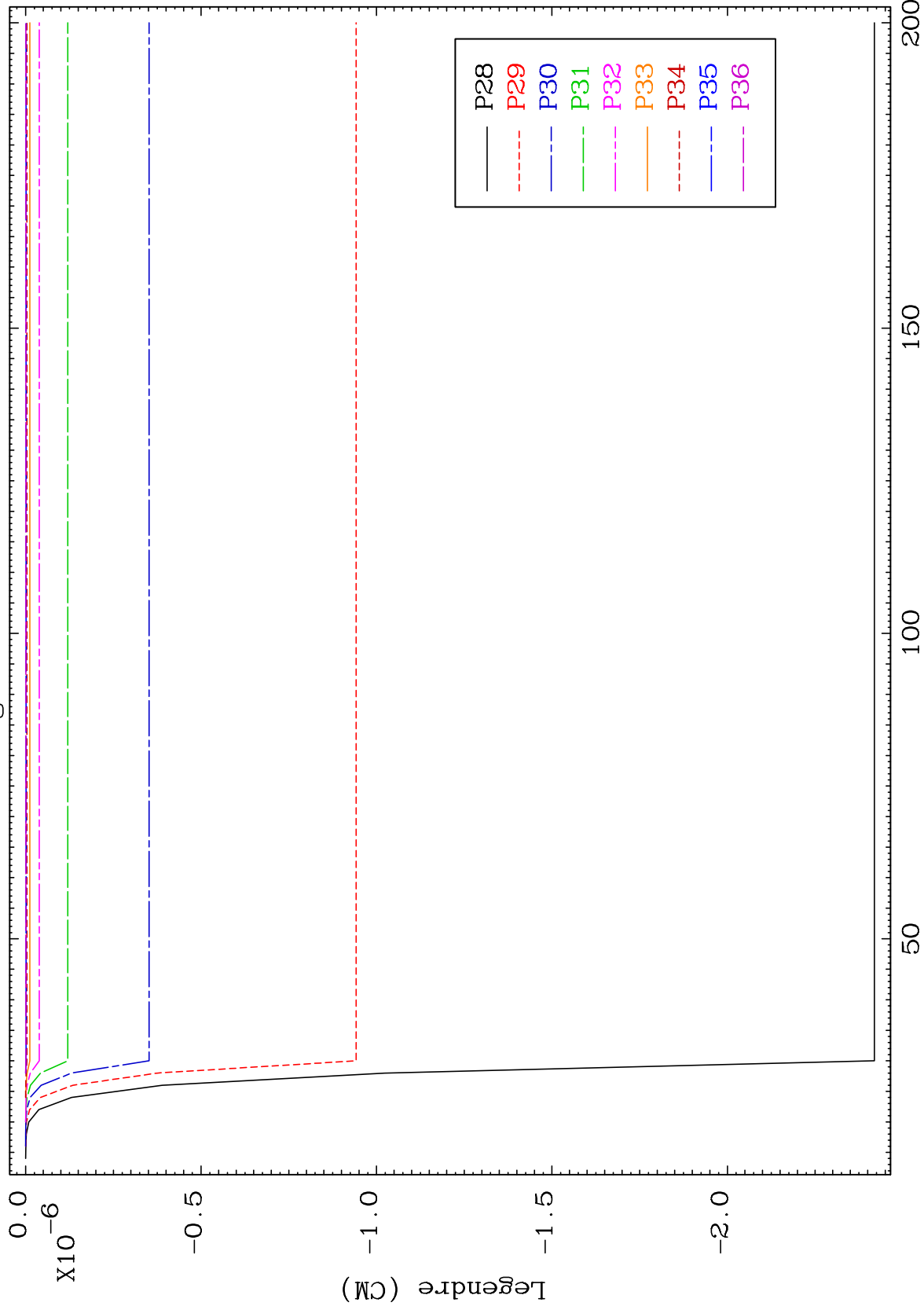


MAT 6146

MT= 65 (n,n') Level

61-Pm-146

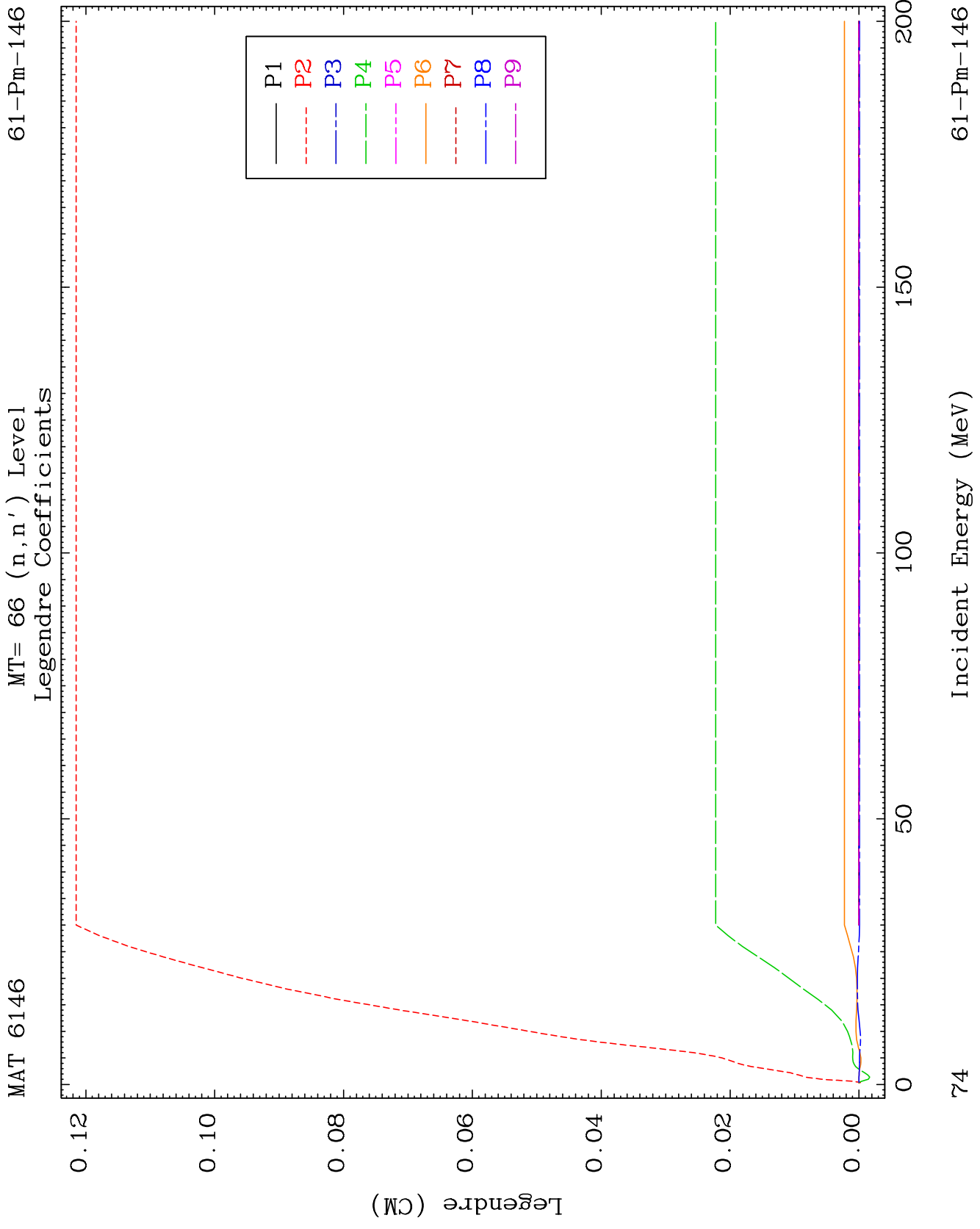
Legendre Coefficients



61-Pm-146

Incident Energy (MeV)

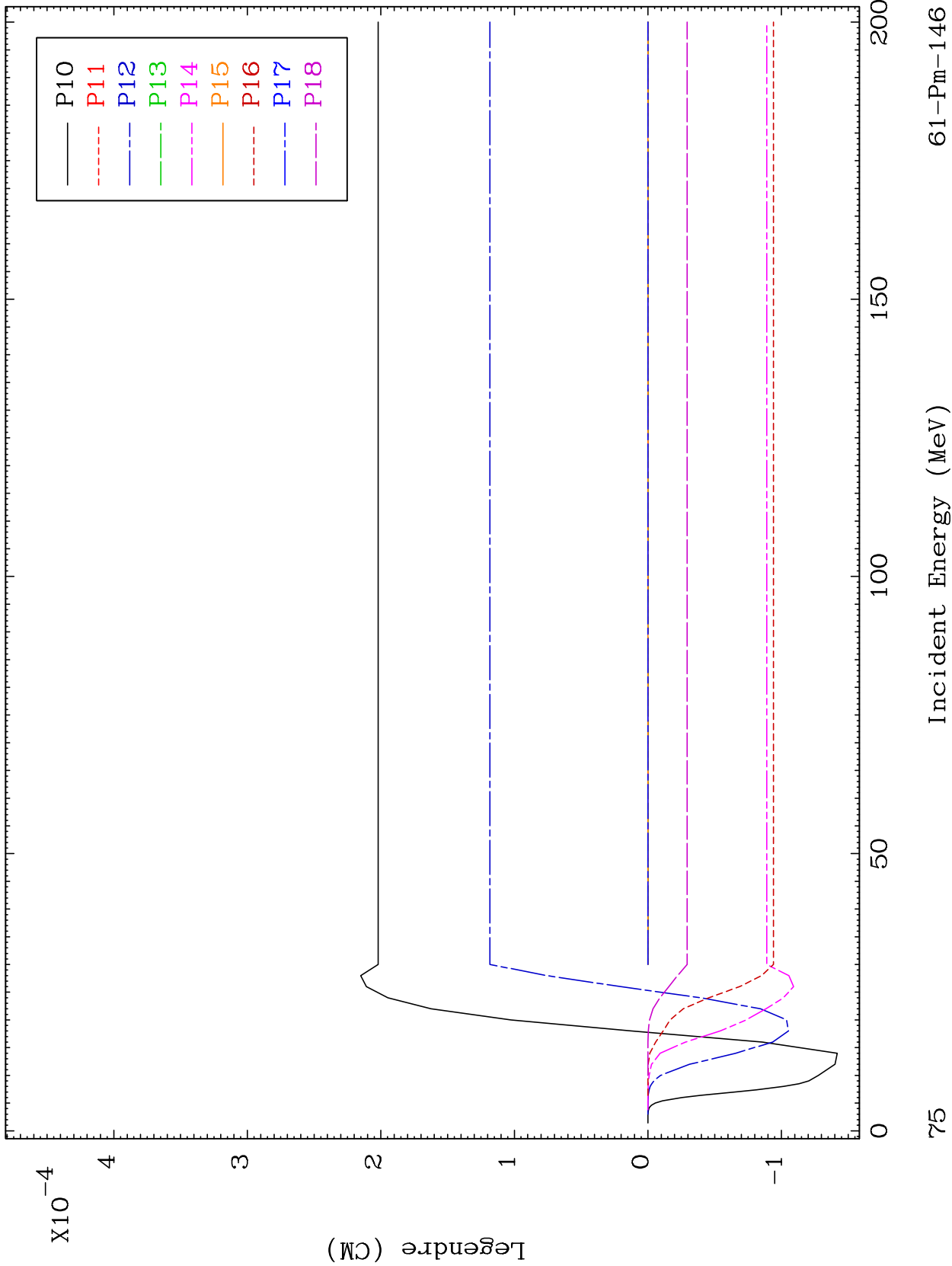
73

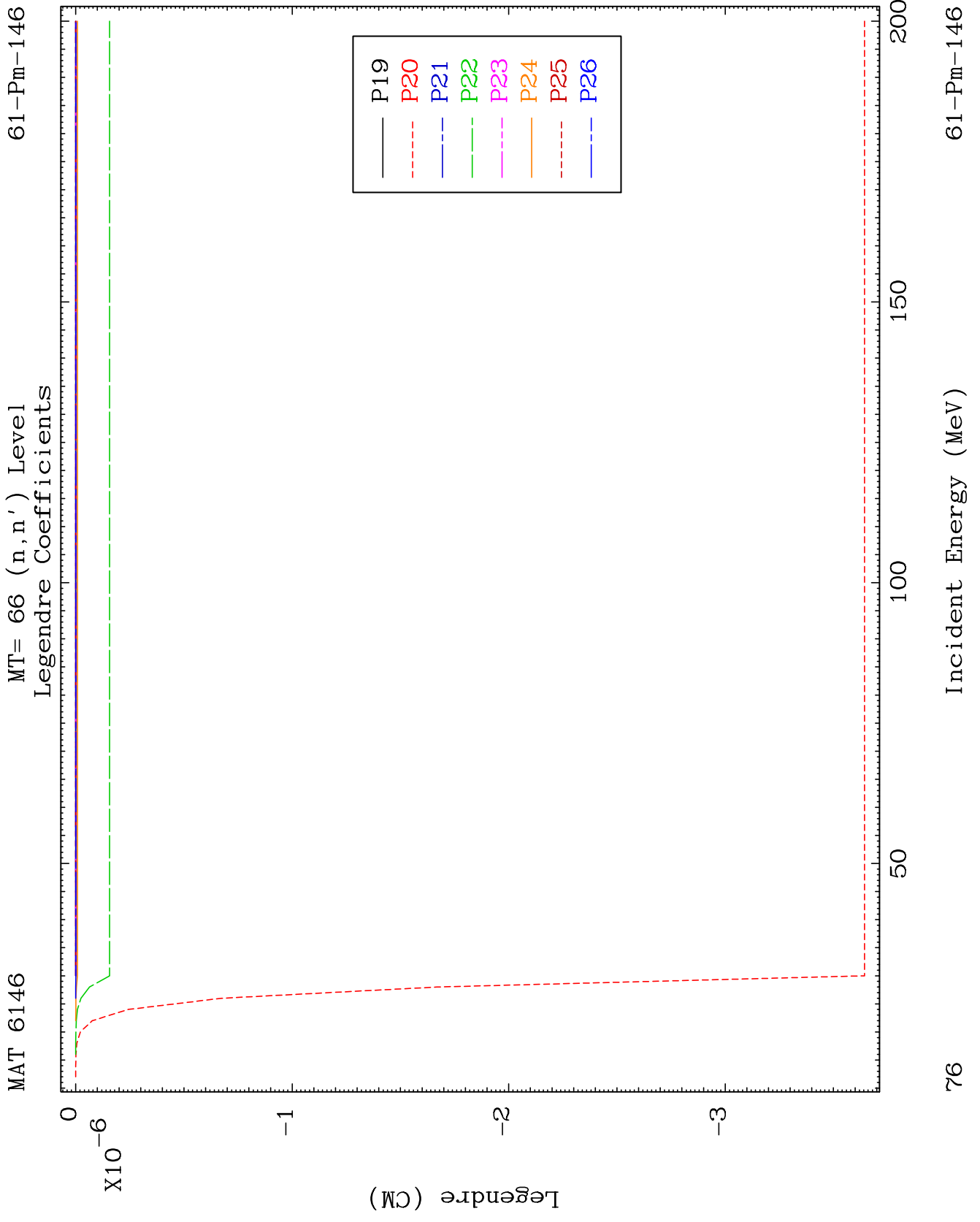


MAT 6146

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

61-Pm-146

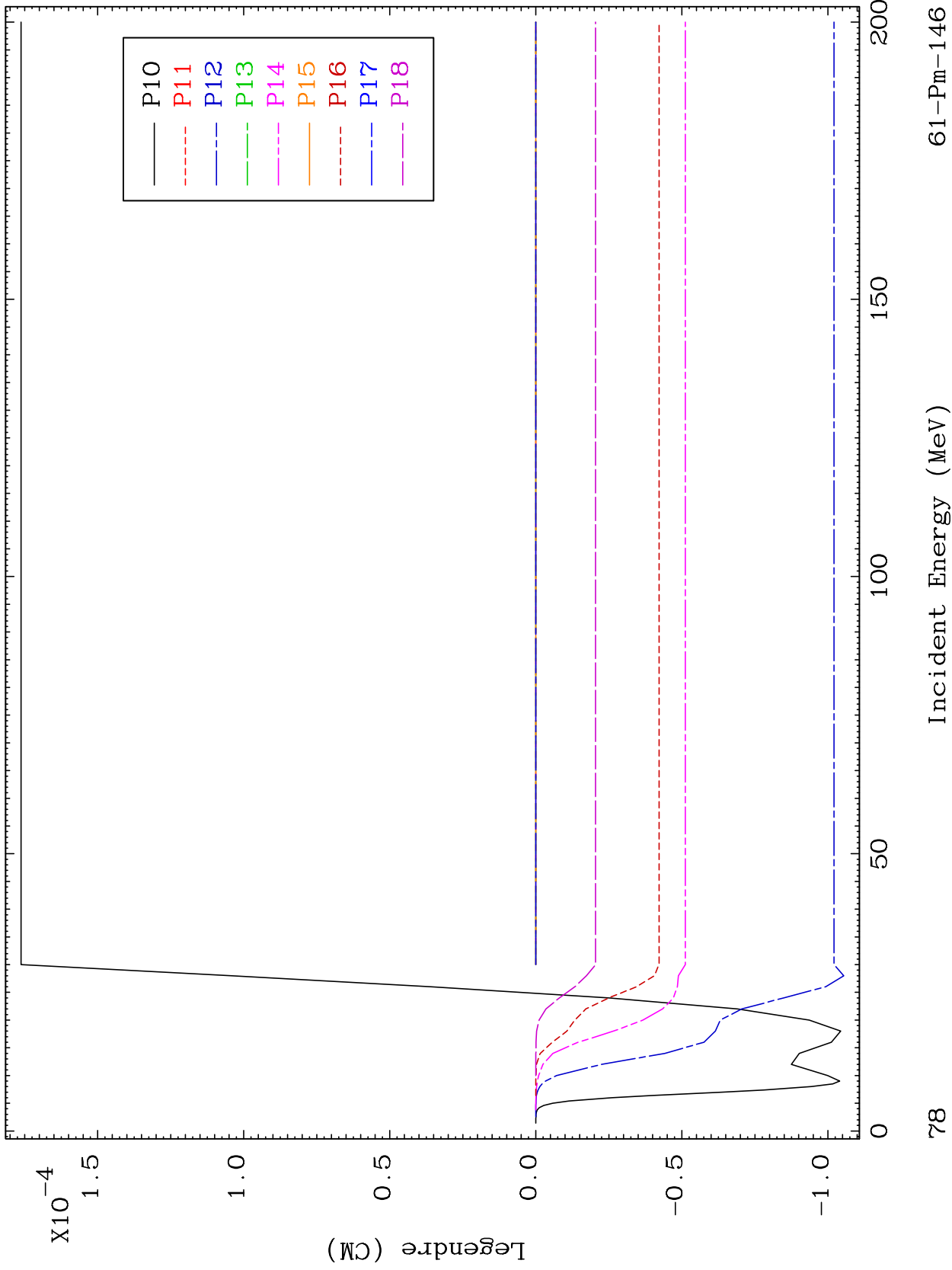


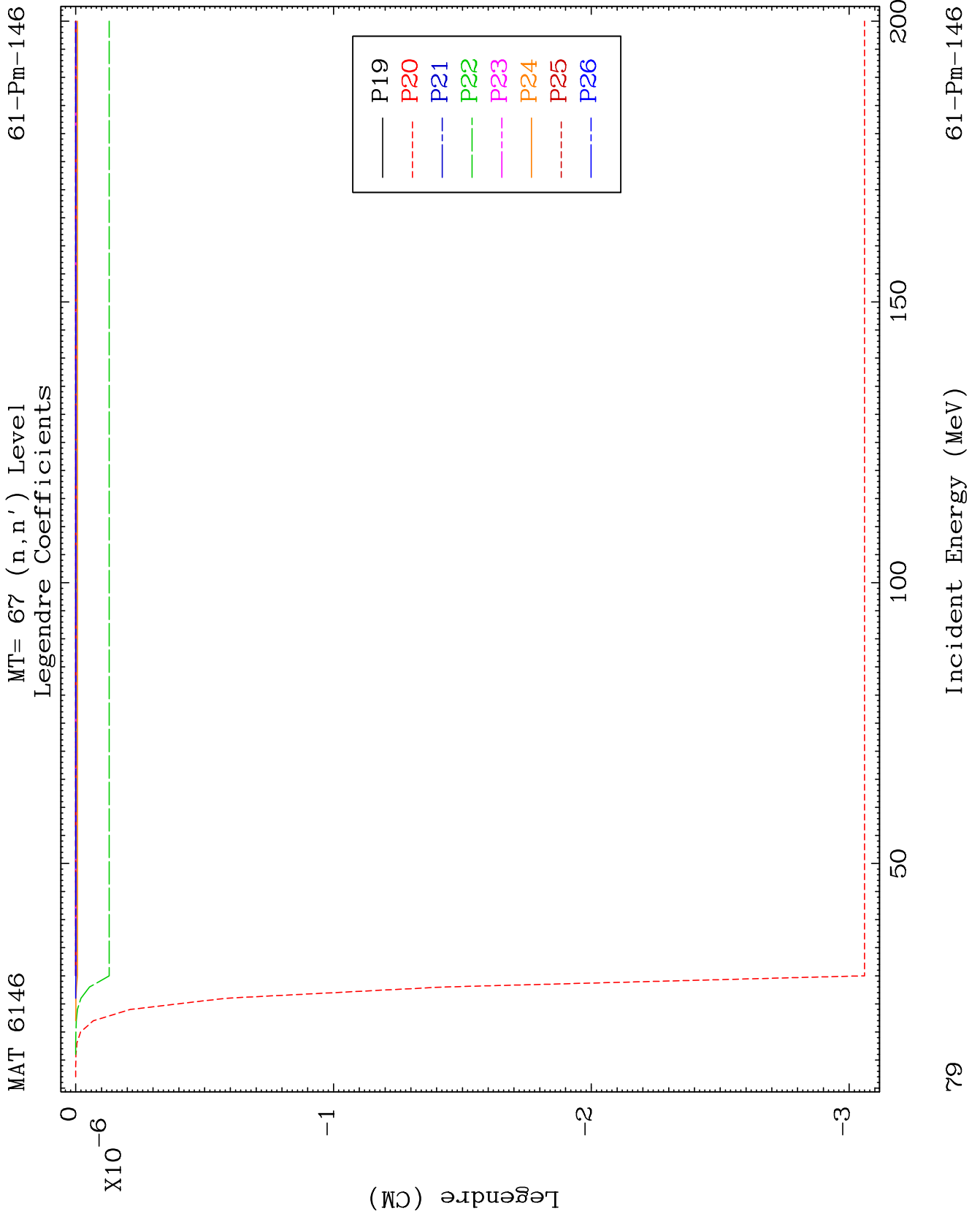


MAT 6146

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

61-Pm-146

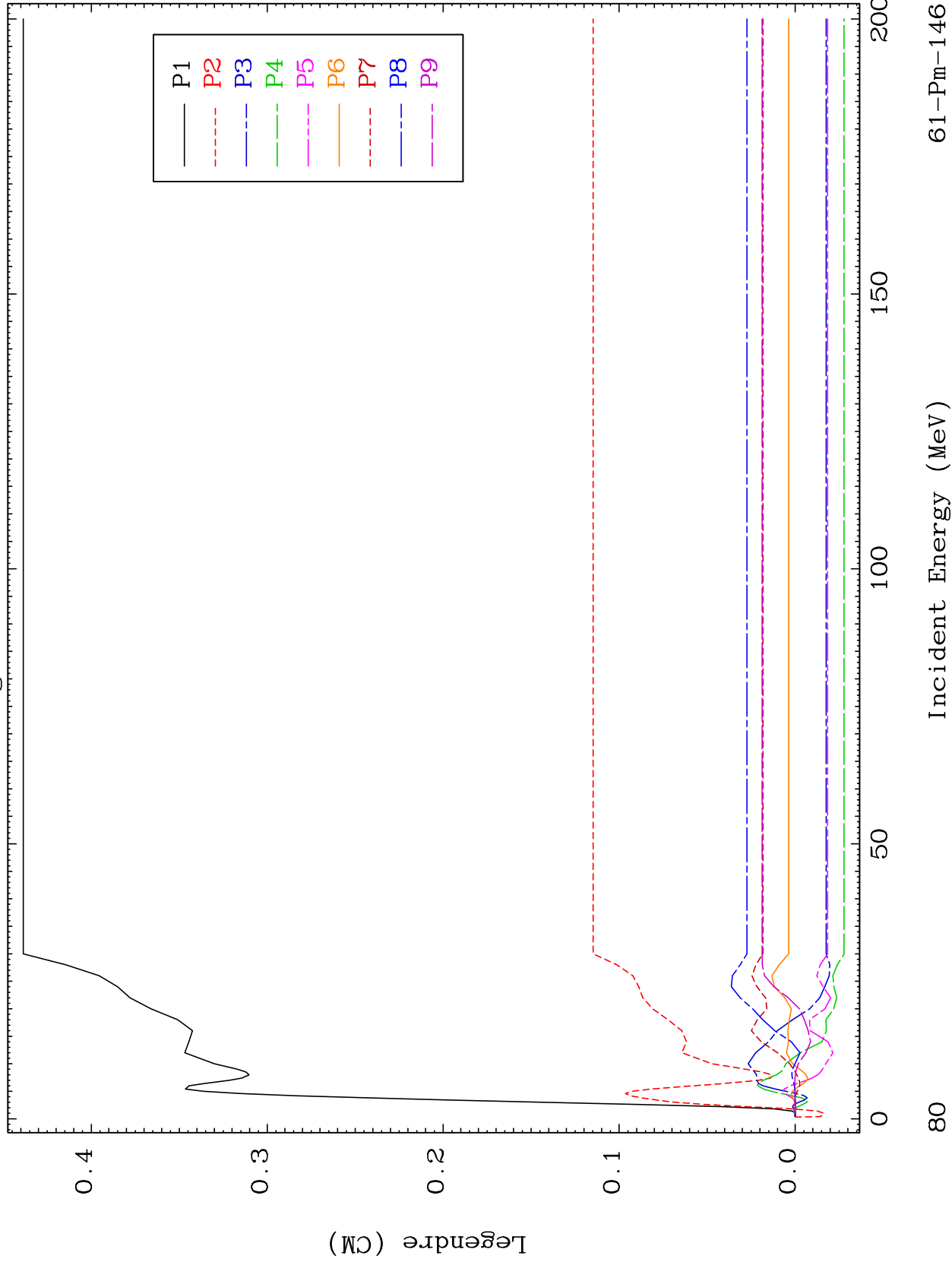




MAT 6146

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

61-Pm-146



61-Pm-146

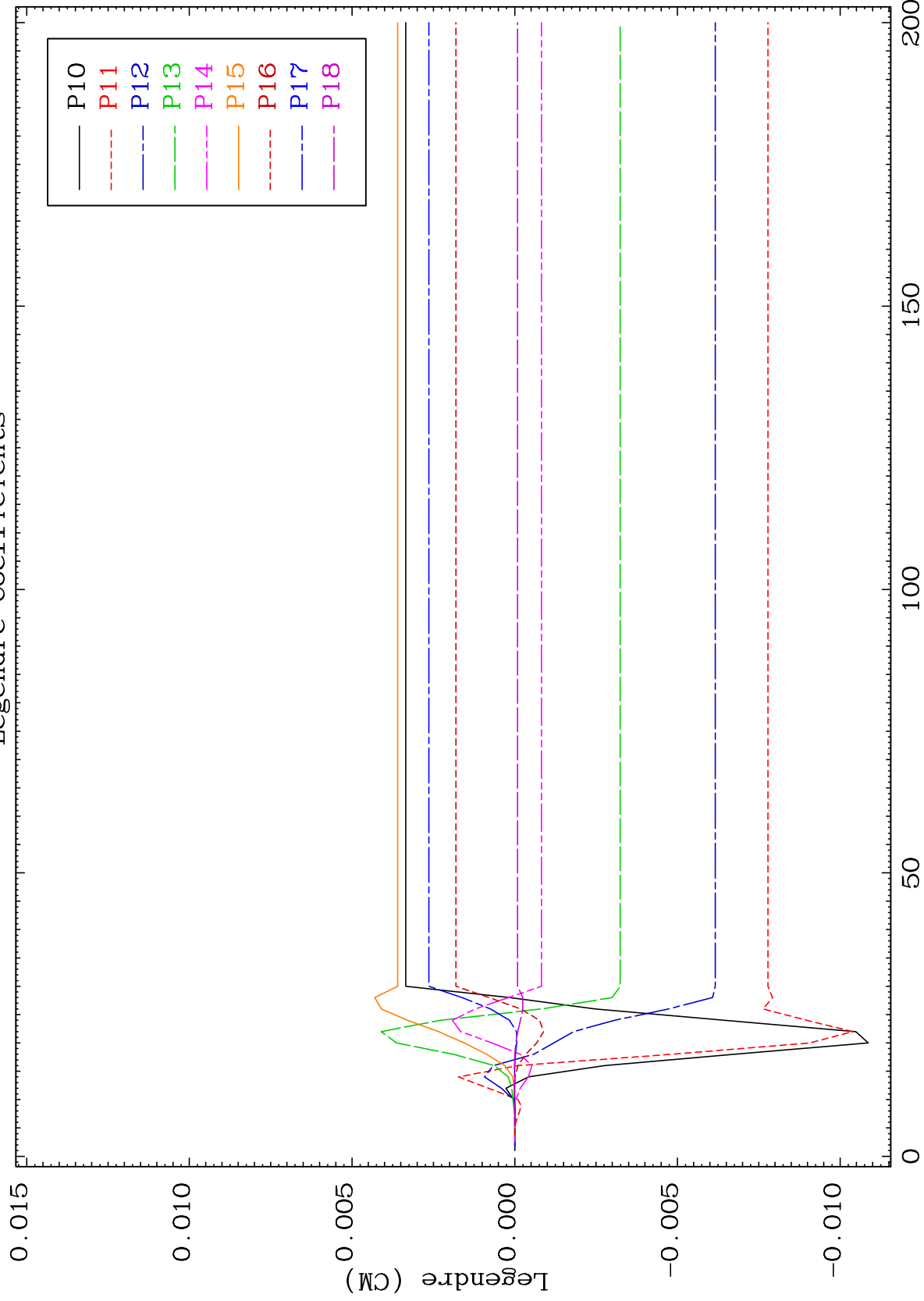
Incident Energy (MeV)

80

MAT 6146

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

61-Pm-146



81

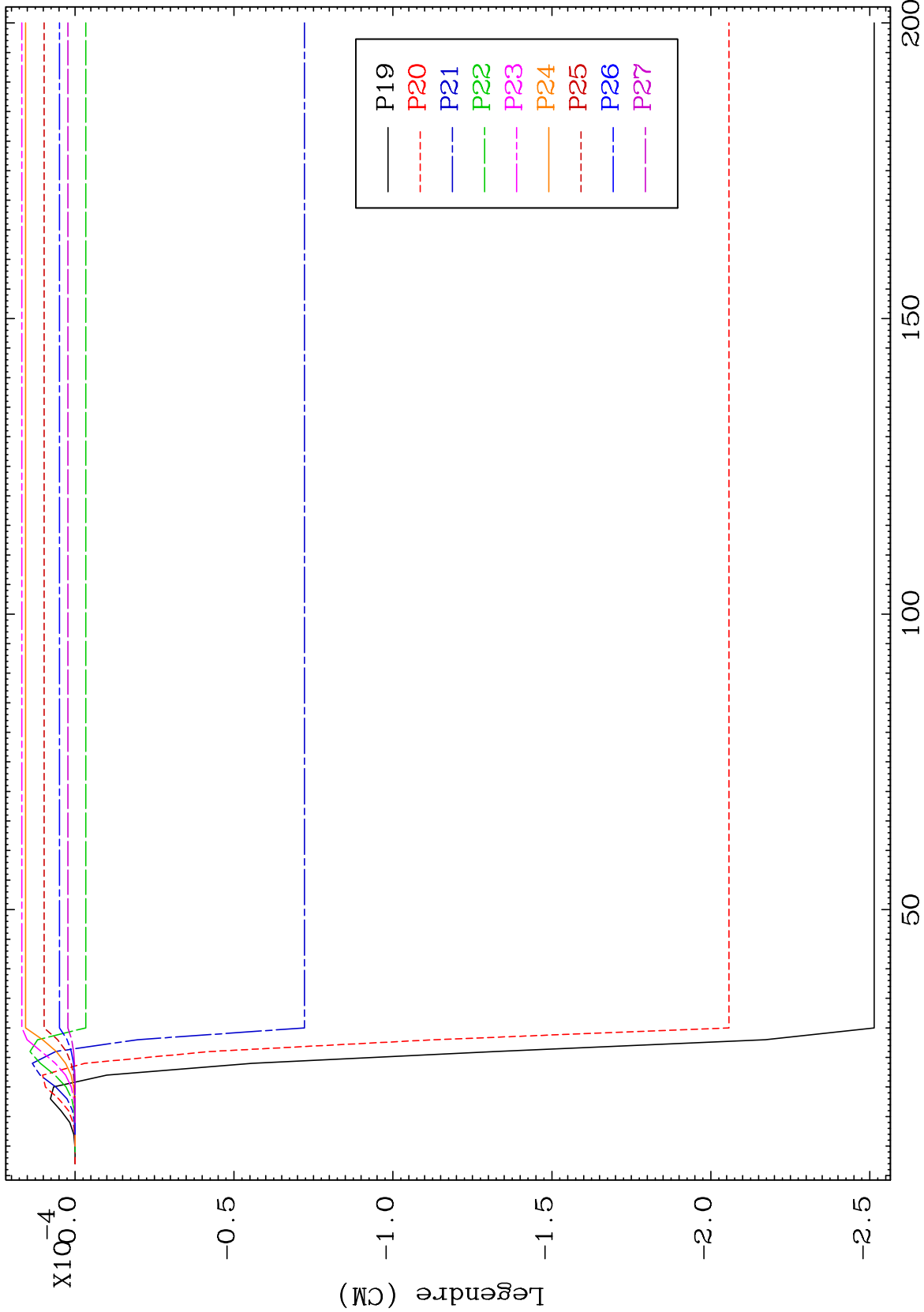
Incident Energy (MeV)

61-Pm-146

MAT 6146

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

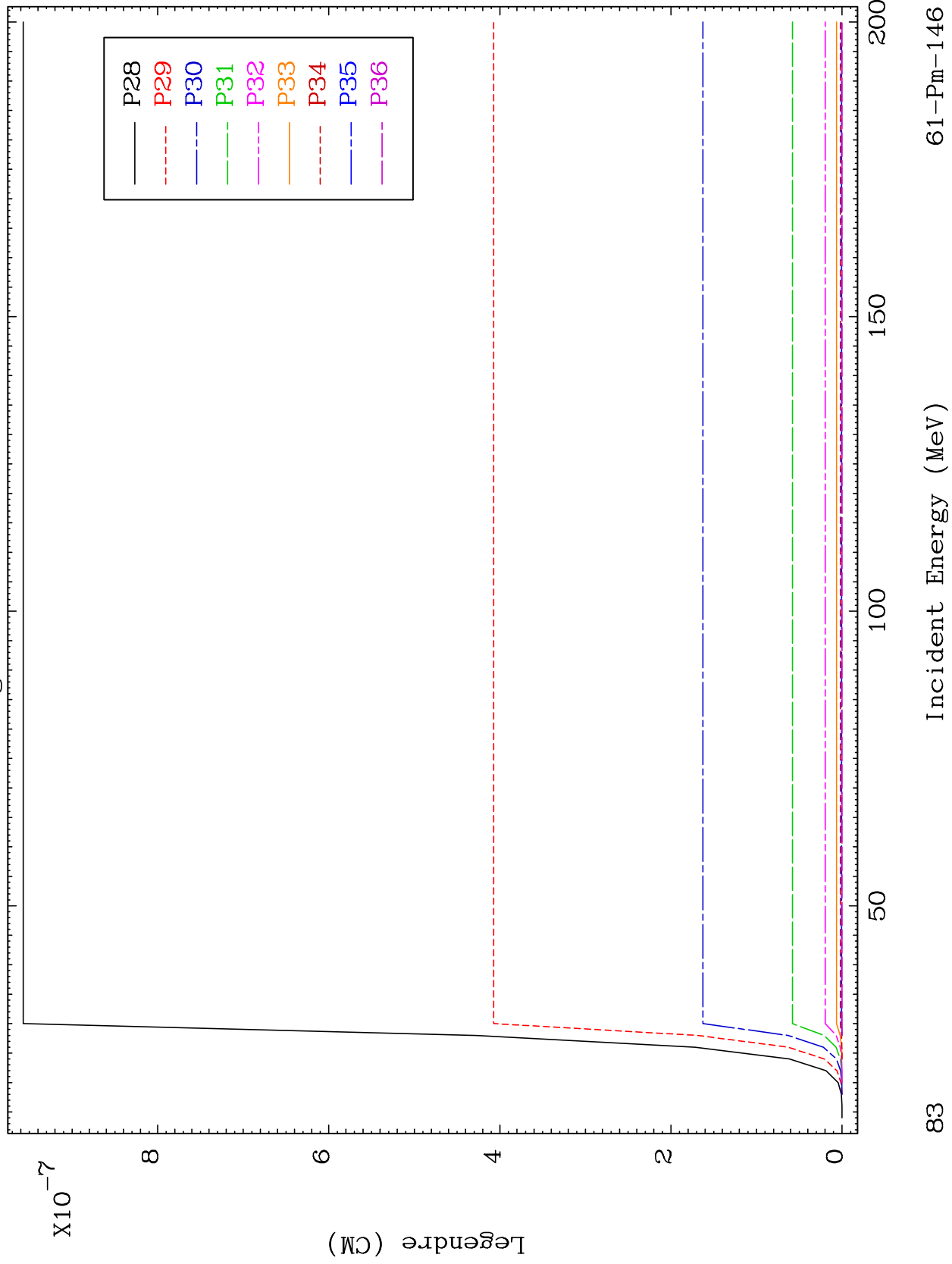
61-Pm-146



MAT 6146

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

61-Pm-146



83

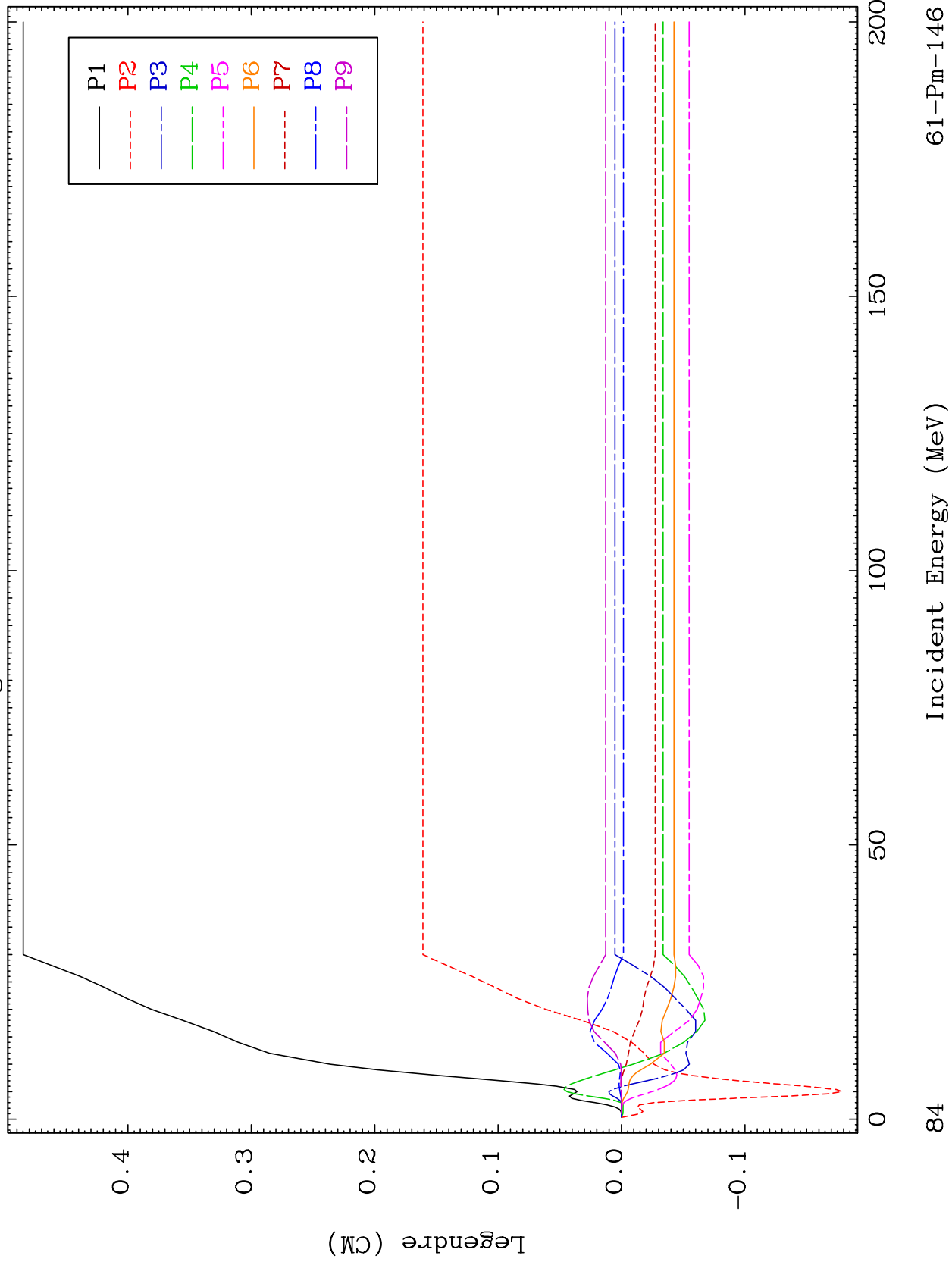
Incident Energy (MeV)

61-Pm-146

MAT 6146

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

61-Pm-146



61-Pm-146

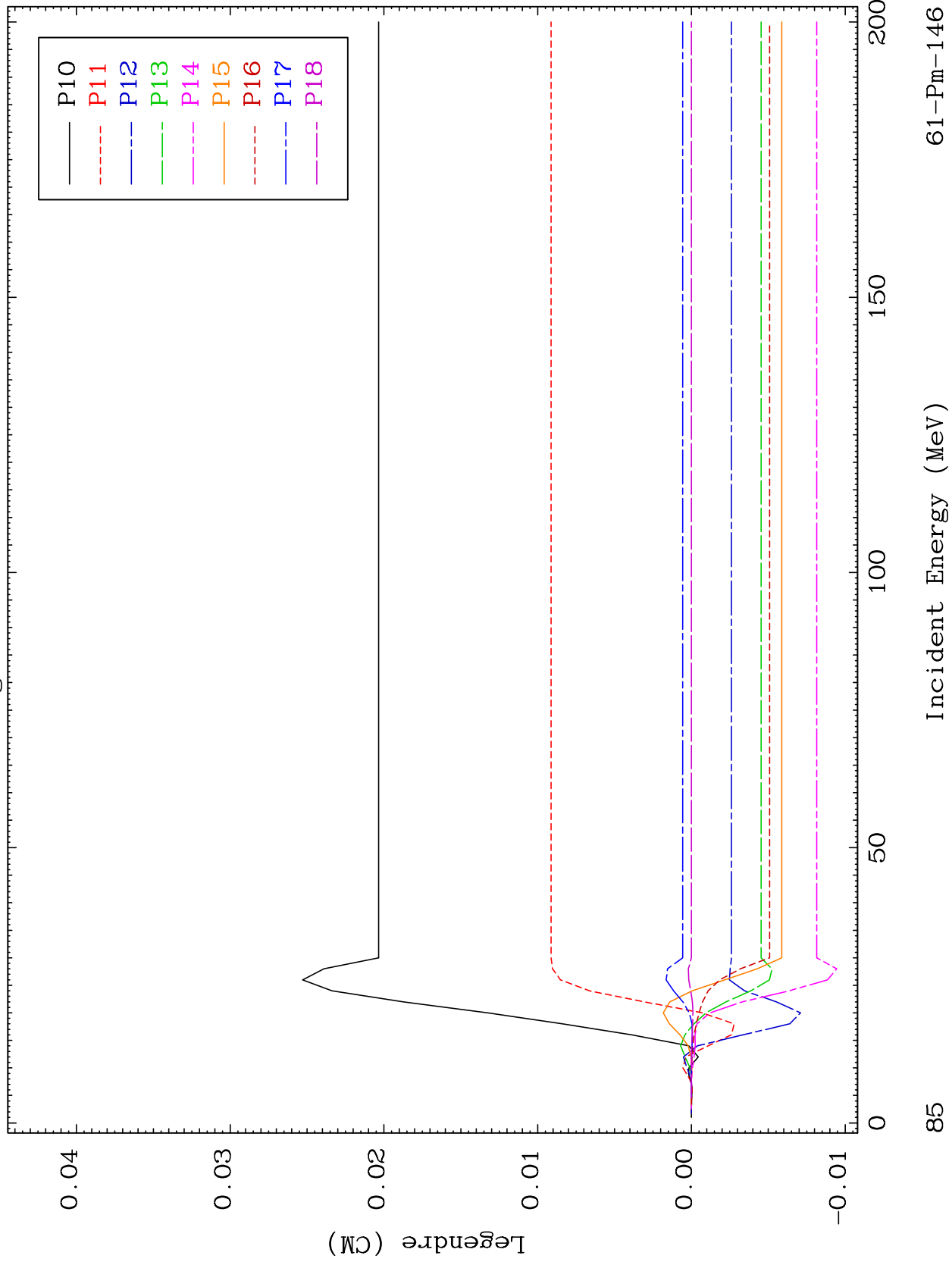
Incident Energy (MeV)

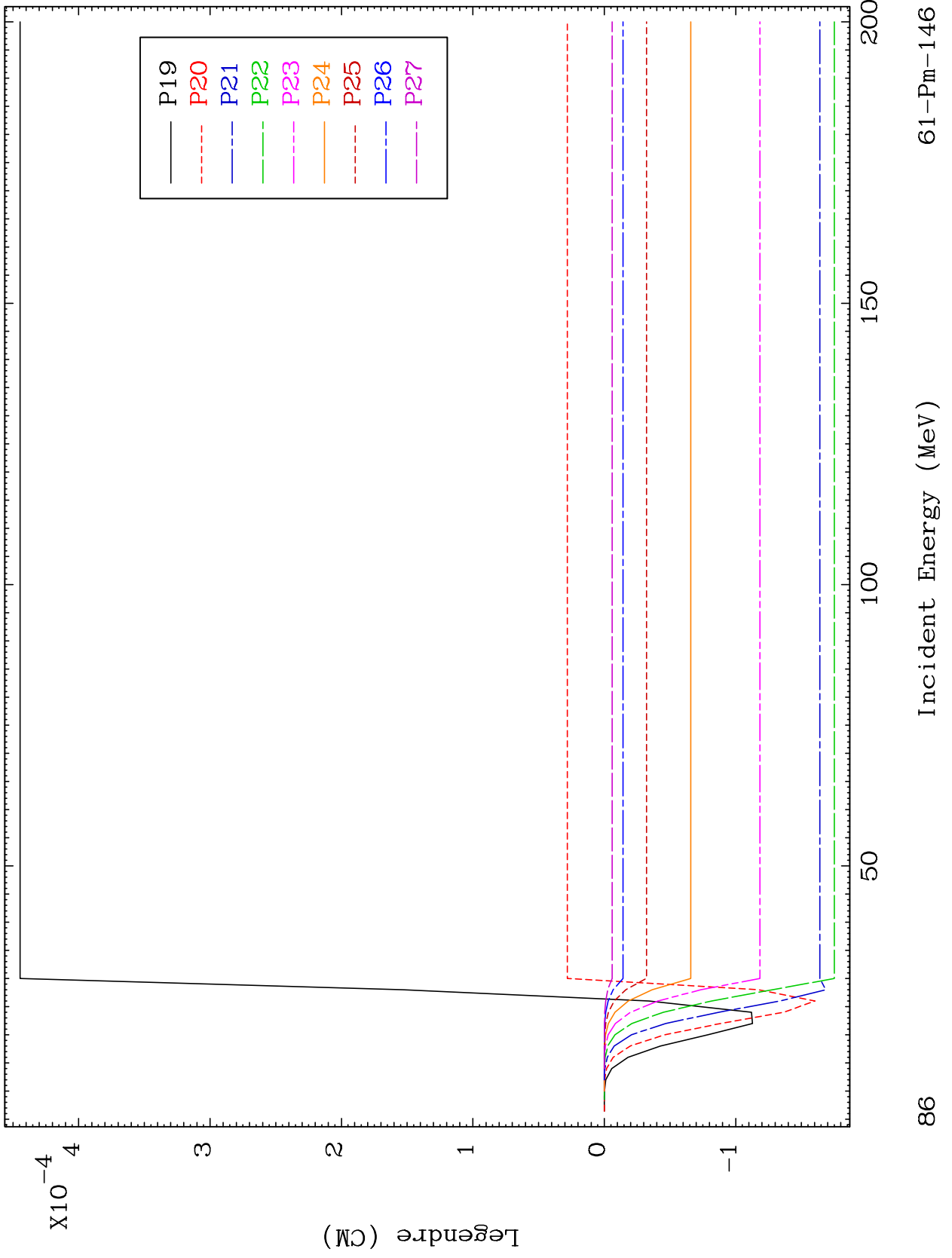
84

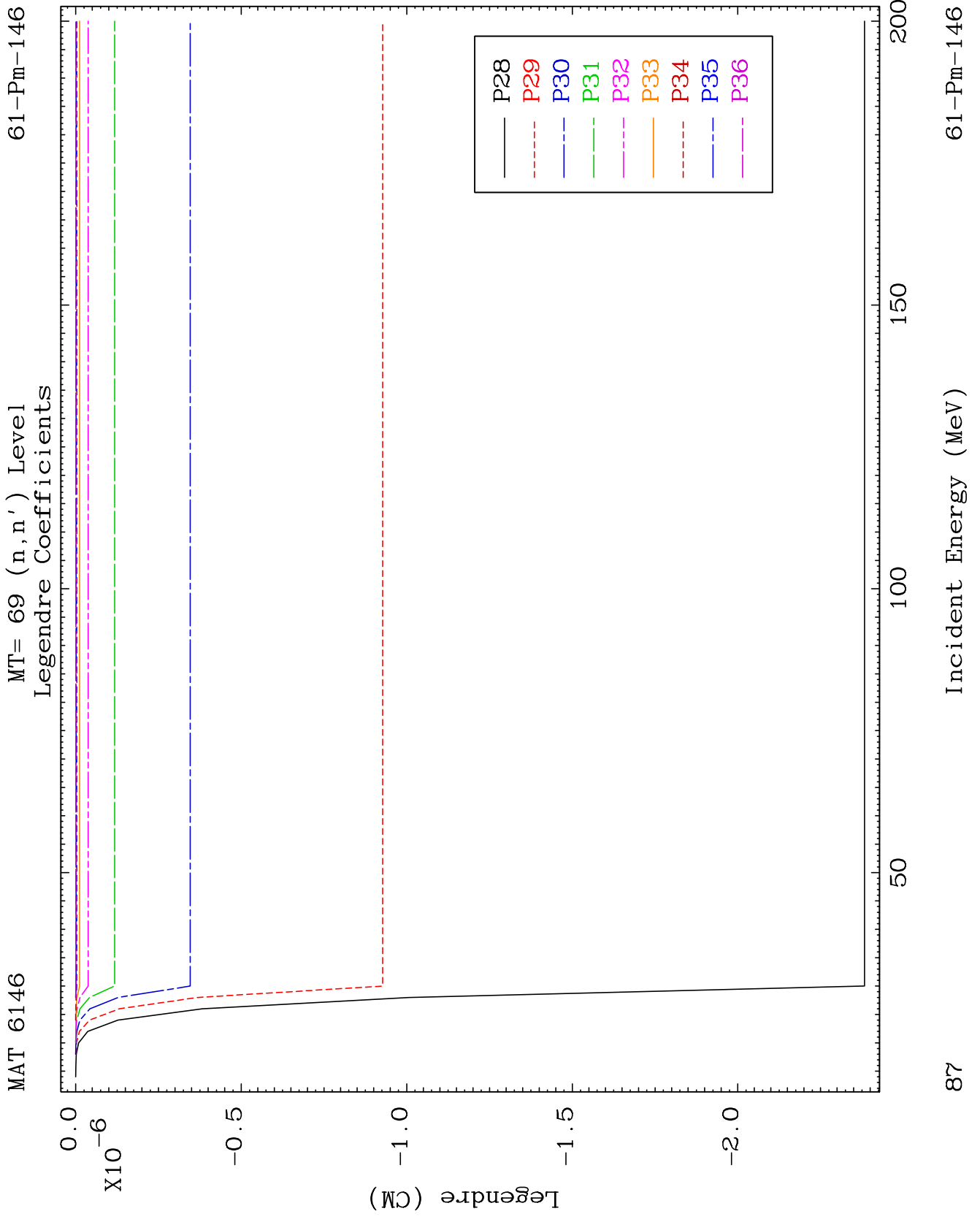
MAT 6146

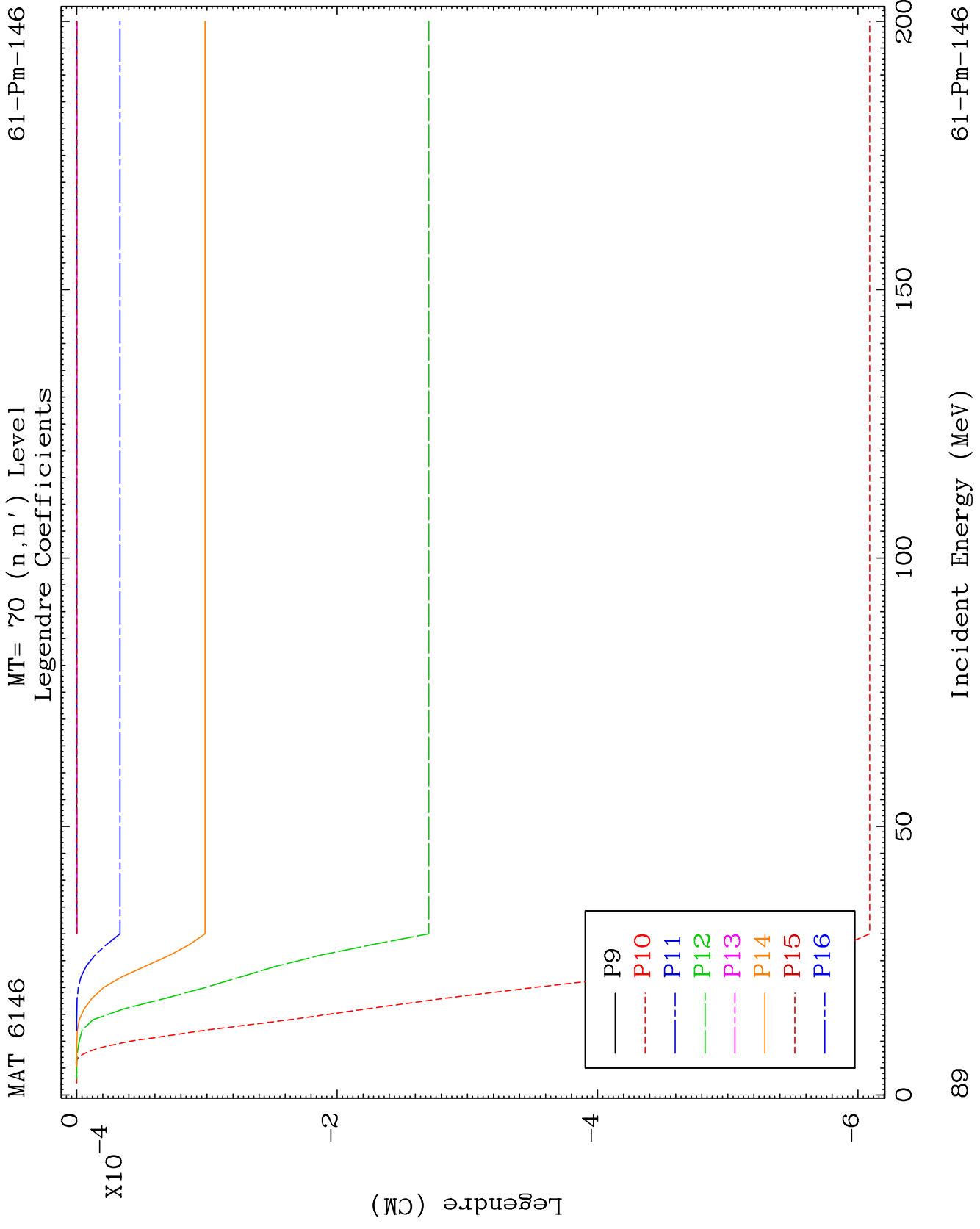
MT= 69 (n,n') Level
Legendre Coefficients

61-Pm-146





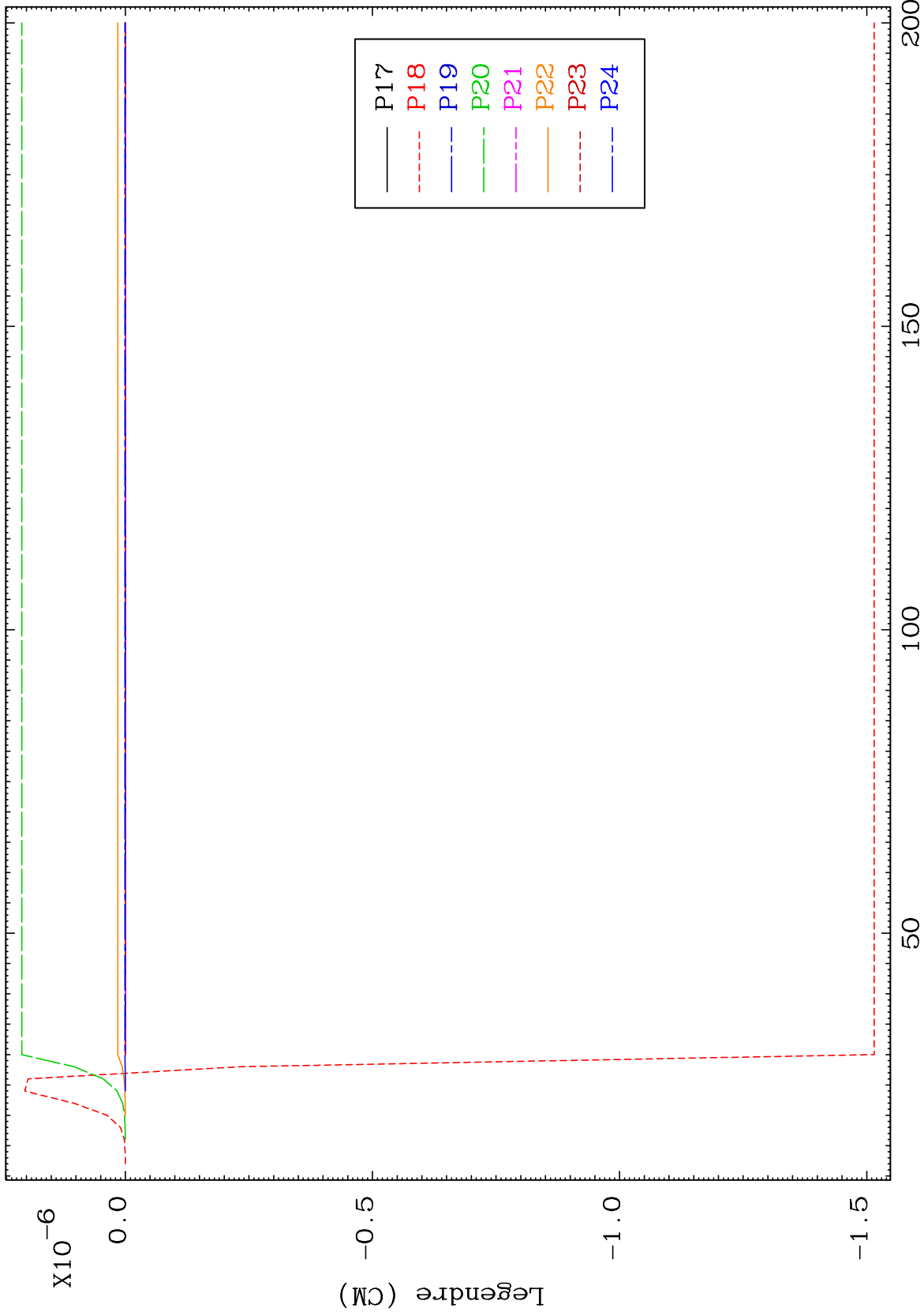




MAT 6146

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

61-Pm-146



90

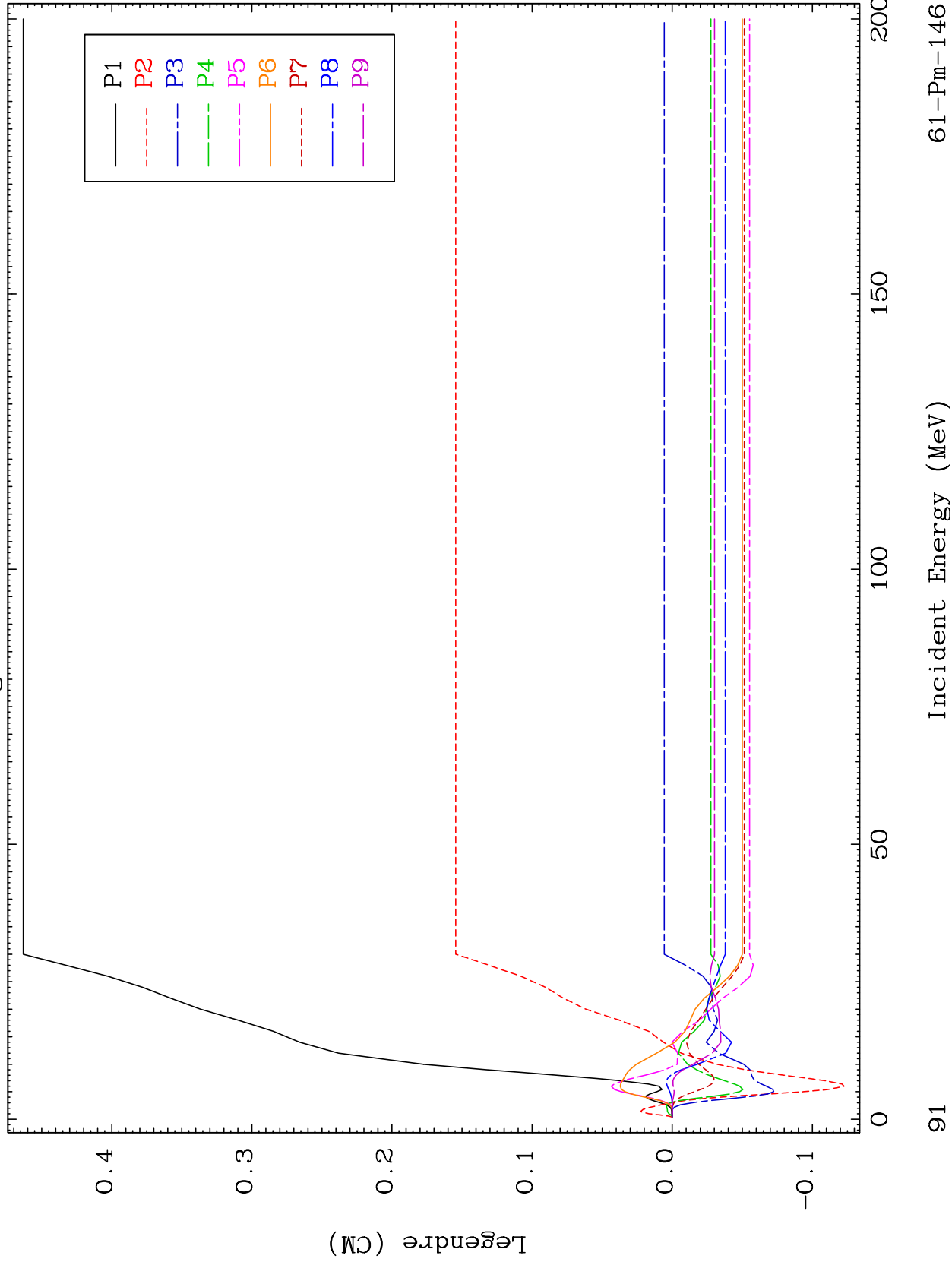
Incident Energy (MeV)

61-Pm-146

MAT 6146

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

61-Pm-146



61-Pm-146

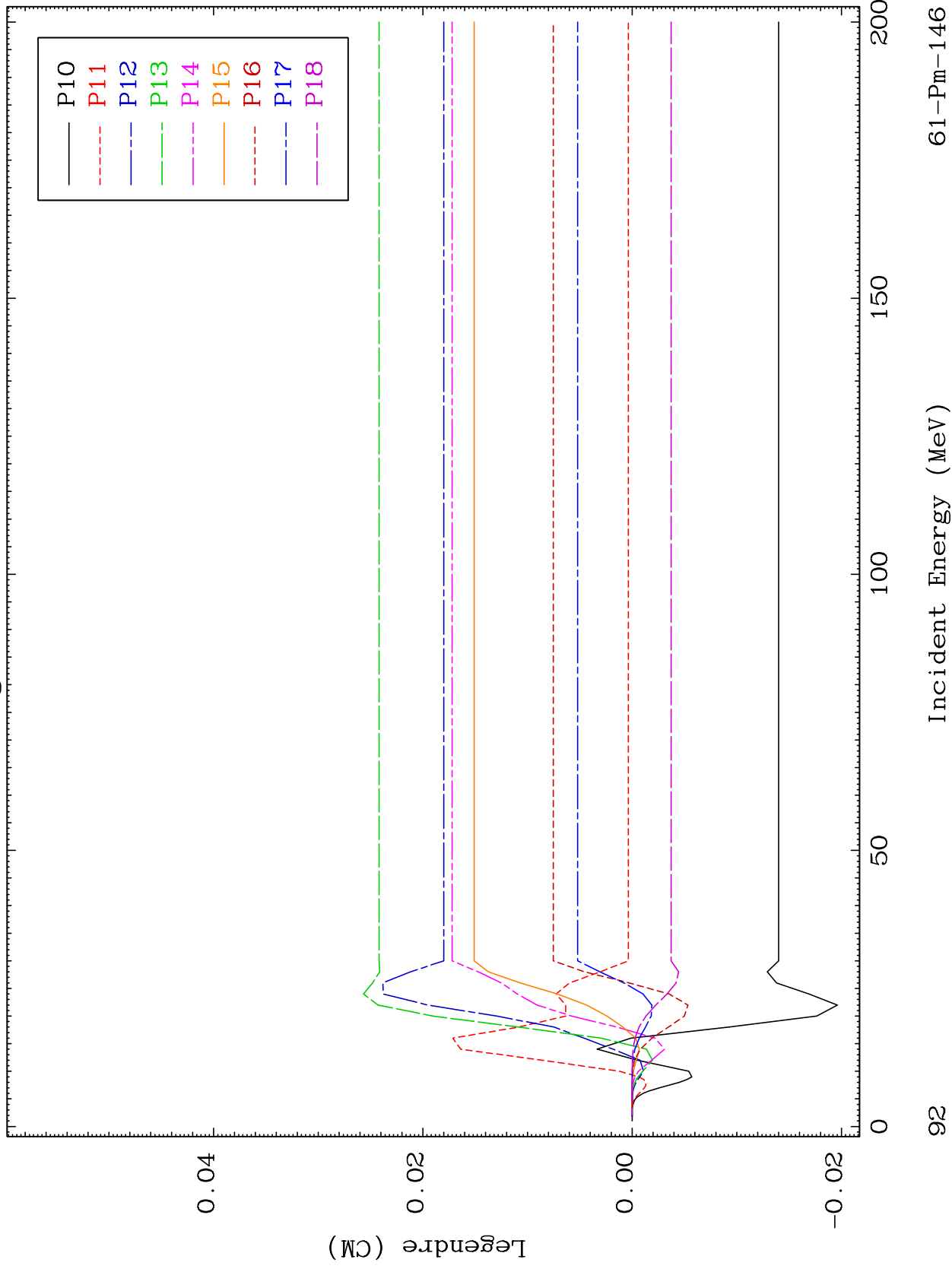
Incident Energy (MeV)

91

MAT 6146

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

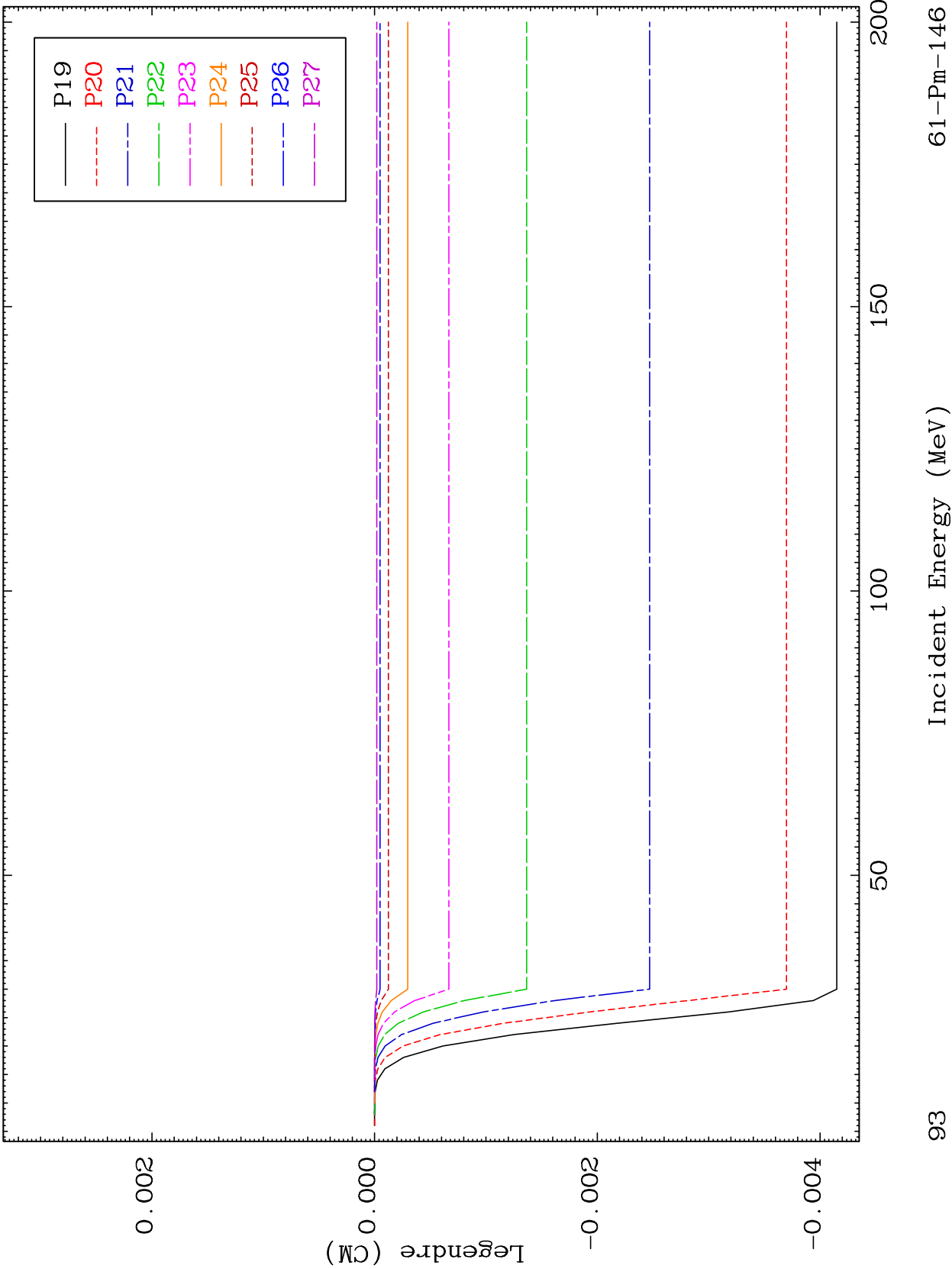
61-Pm-146



MAT 6146

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

61-Pm-146



93

Incident Energy (MeV)

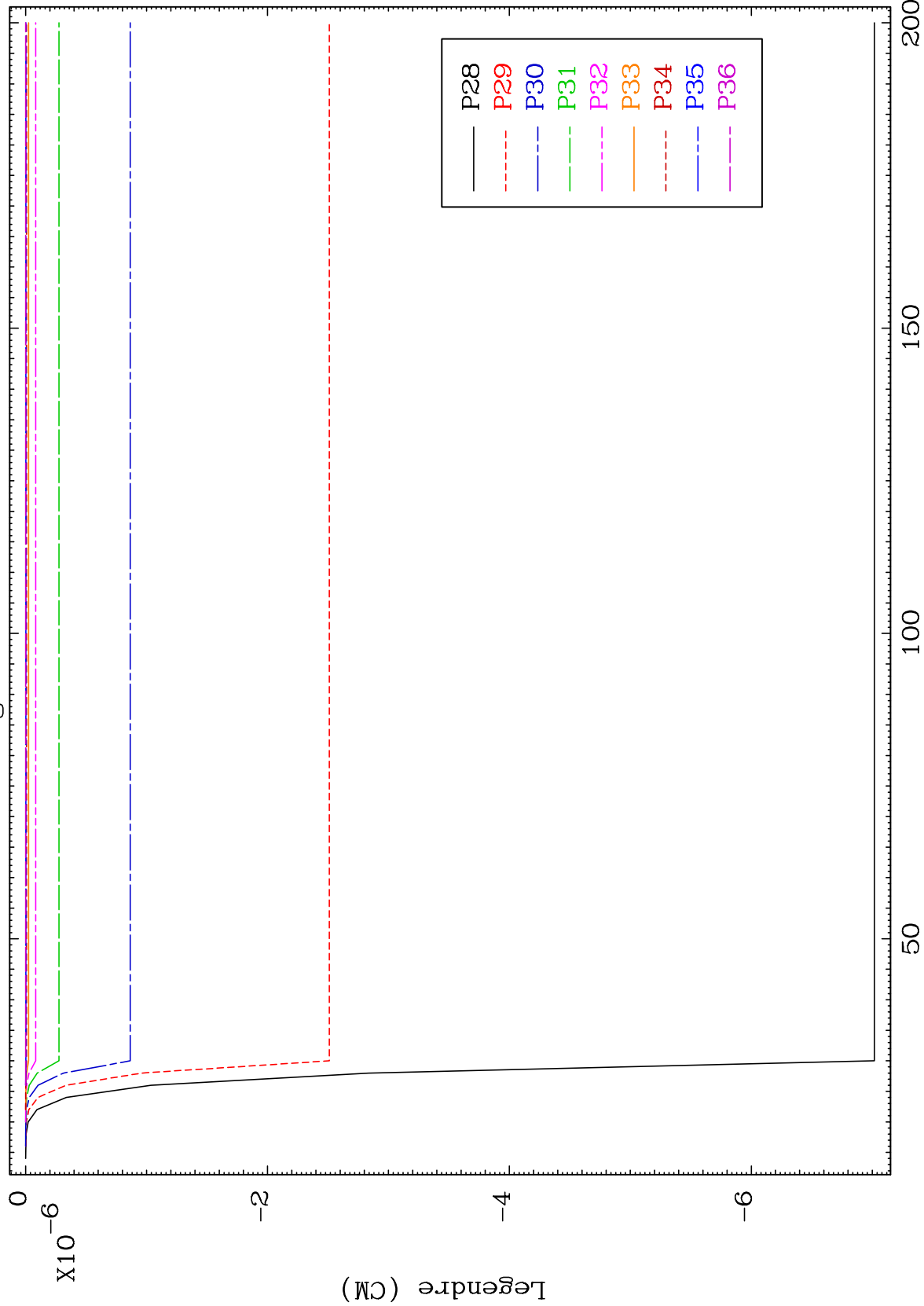
61-Pm-146

MAT 6146

MT= 71 (n,n') Level

61-Pm-146

Legendre Coefficients



94

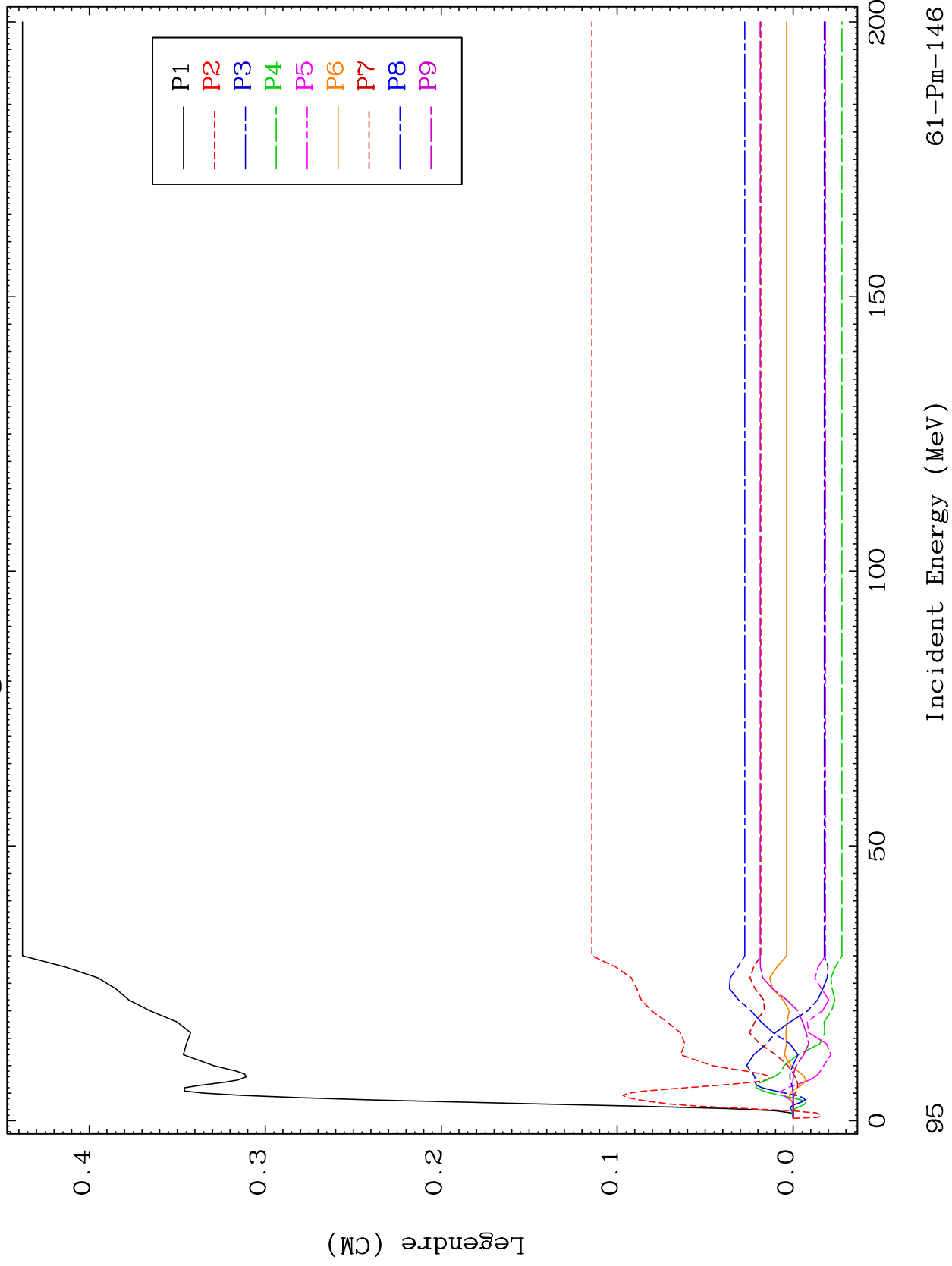
Incident Energy (MeV)

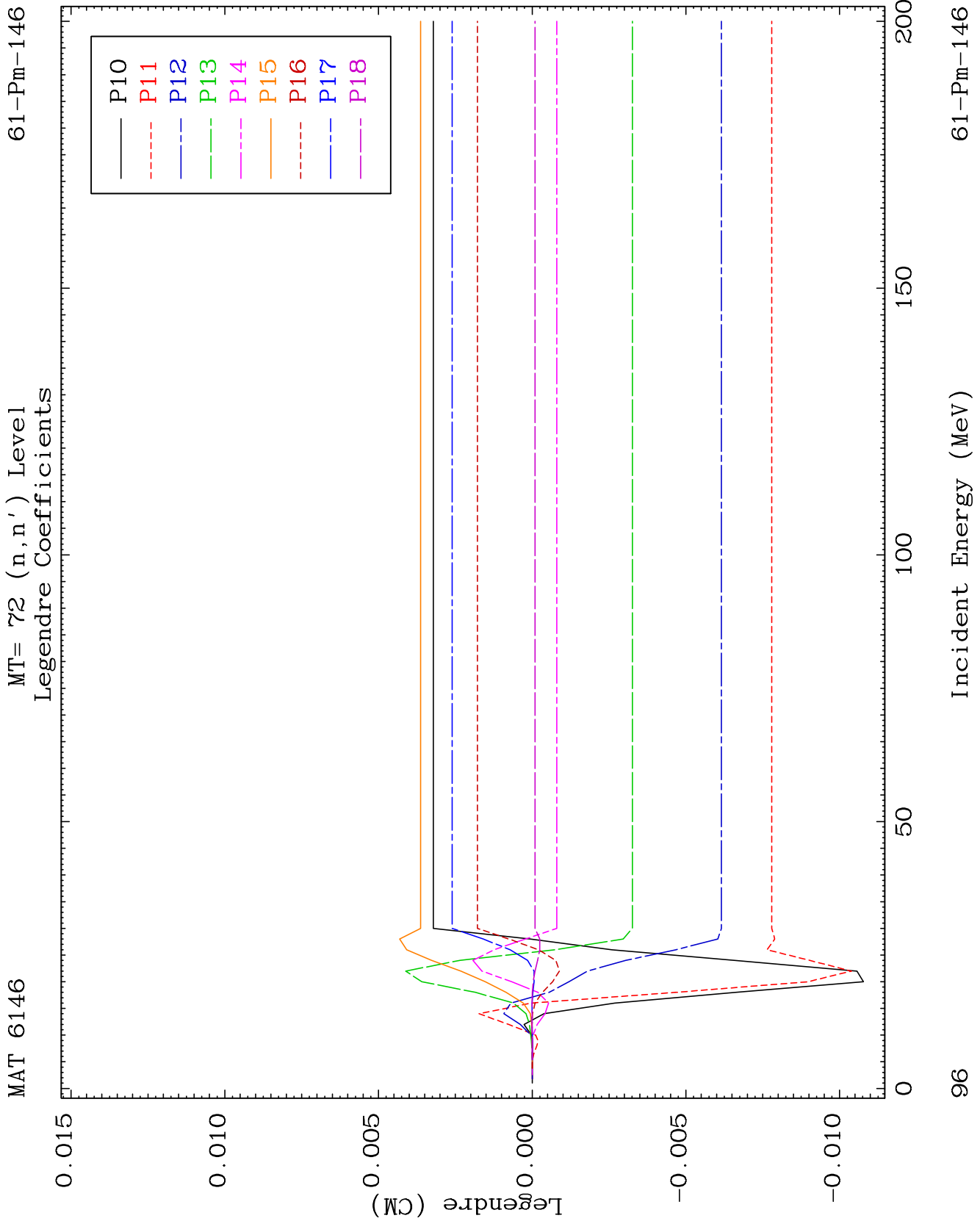
61-Pm-146

MAT 6146

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

61-Pm-146

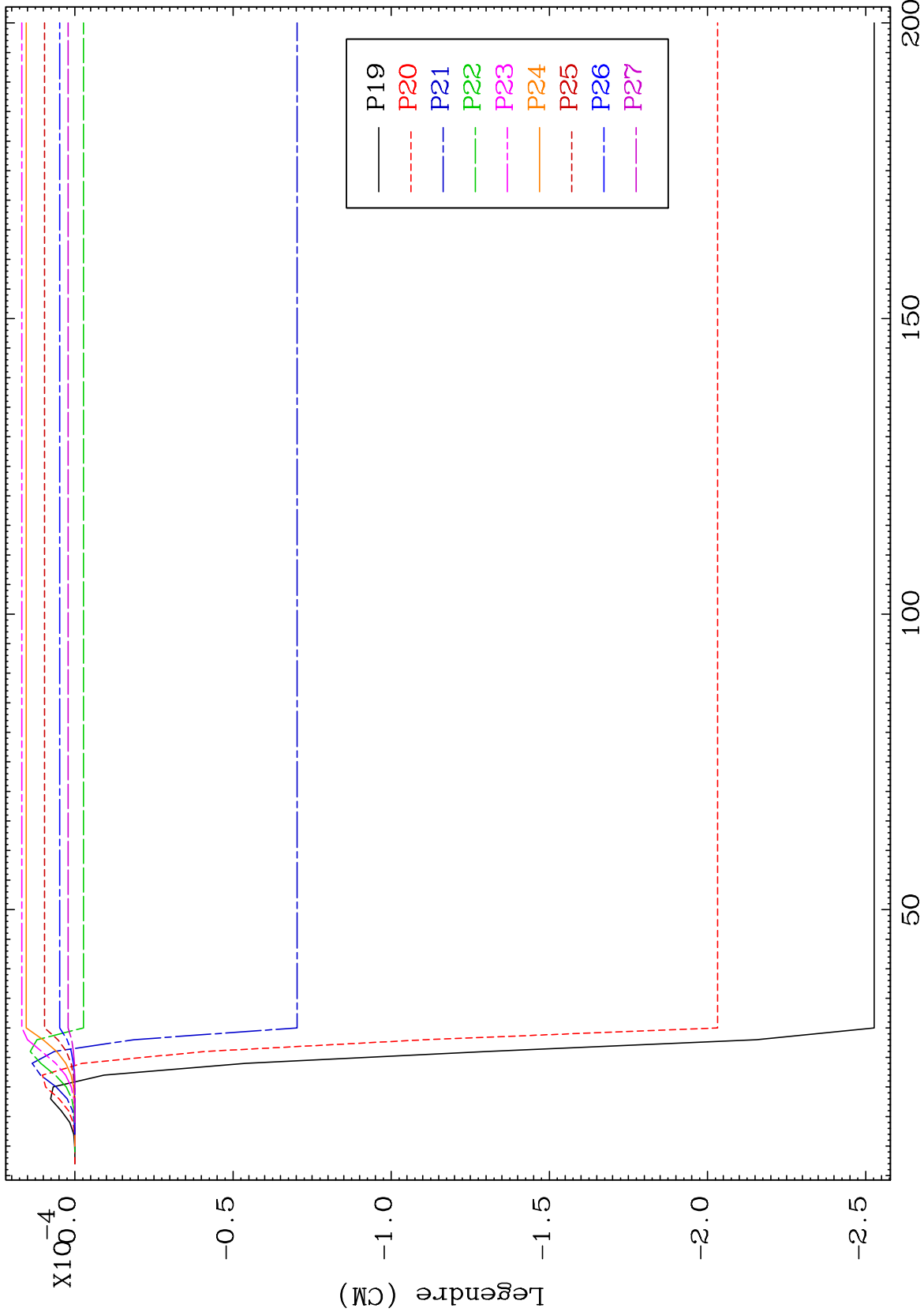




MAT 6146

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

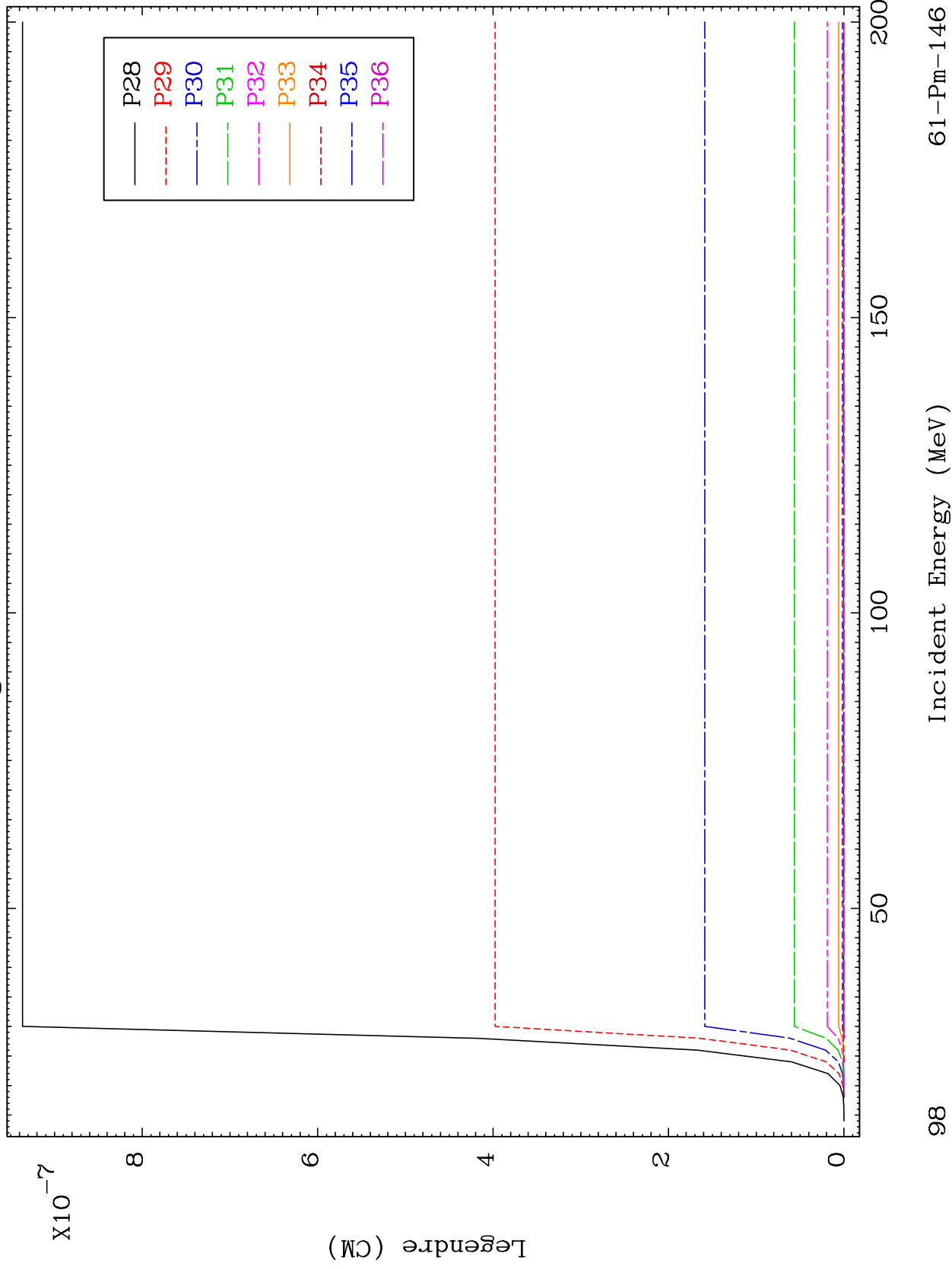
61-Pm-146



MAT 6146

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

61-Pm-146



98

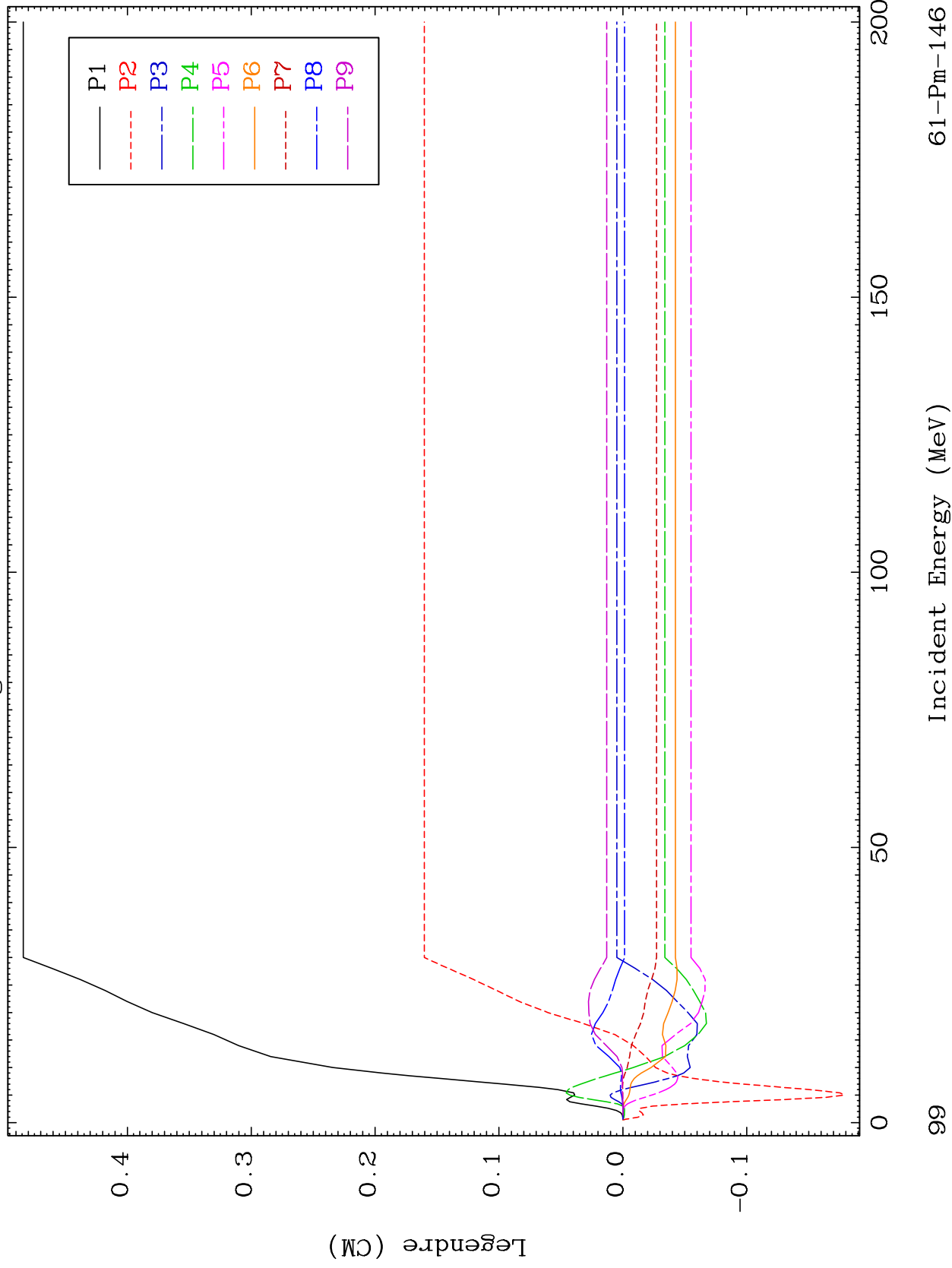
Incident Energy (MeV)

61-Pm-146

MAT 6146

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

61-Pm-146



61-Pm-146

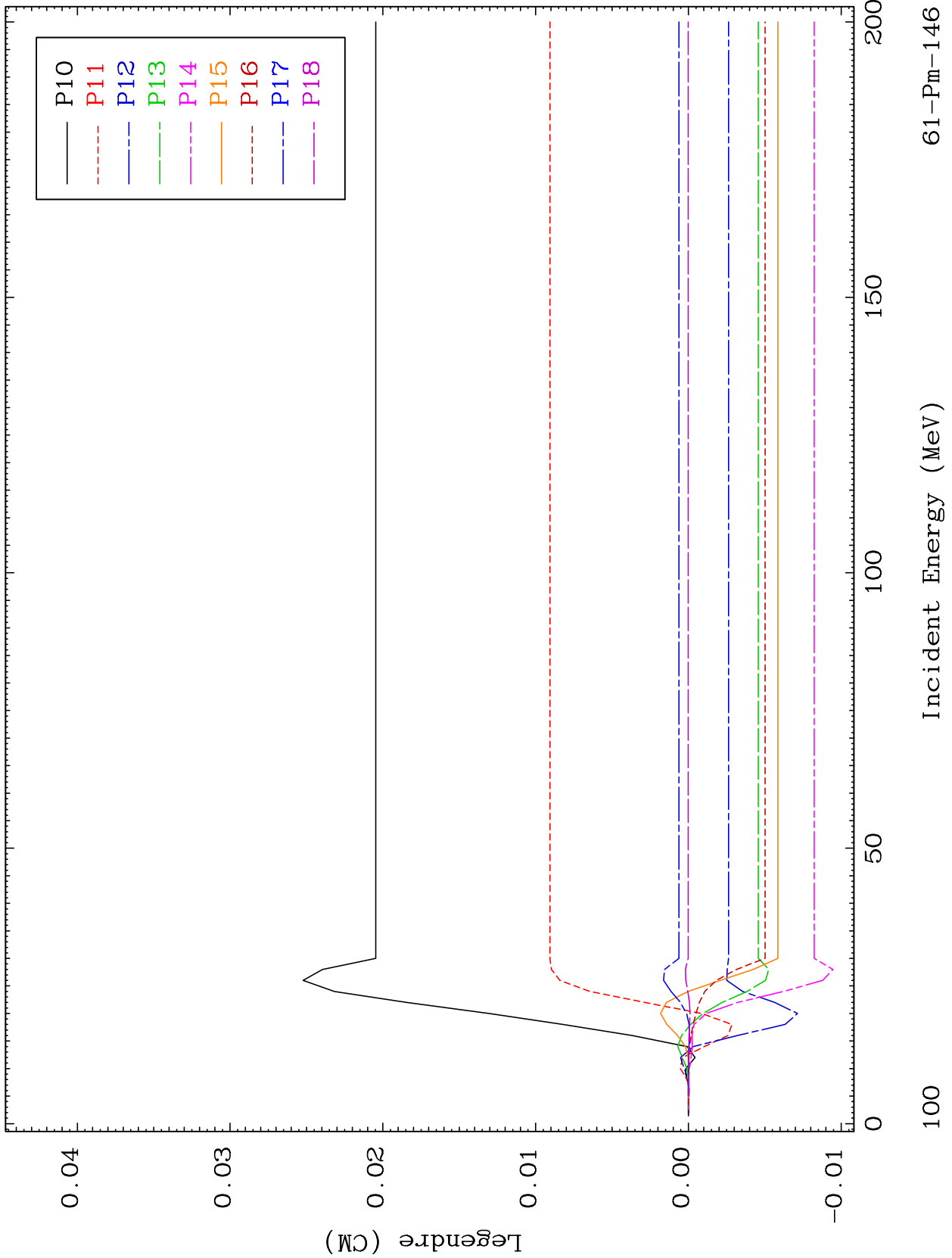
Incident Energy (MeV)

99

MAT 6146

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

61-Pm-146

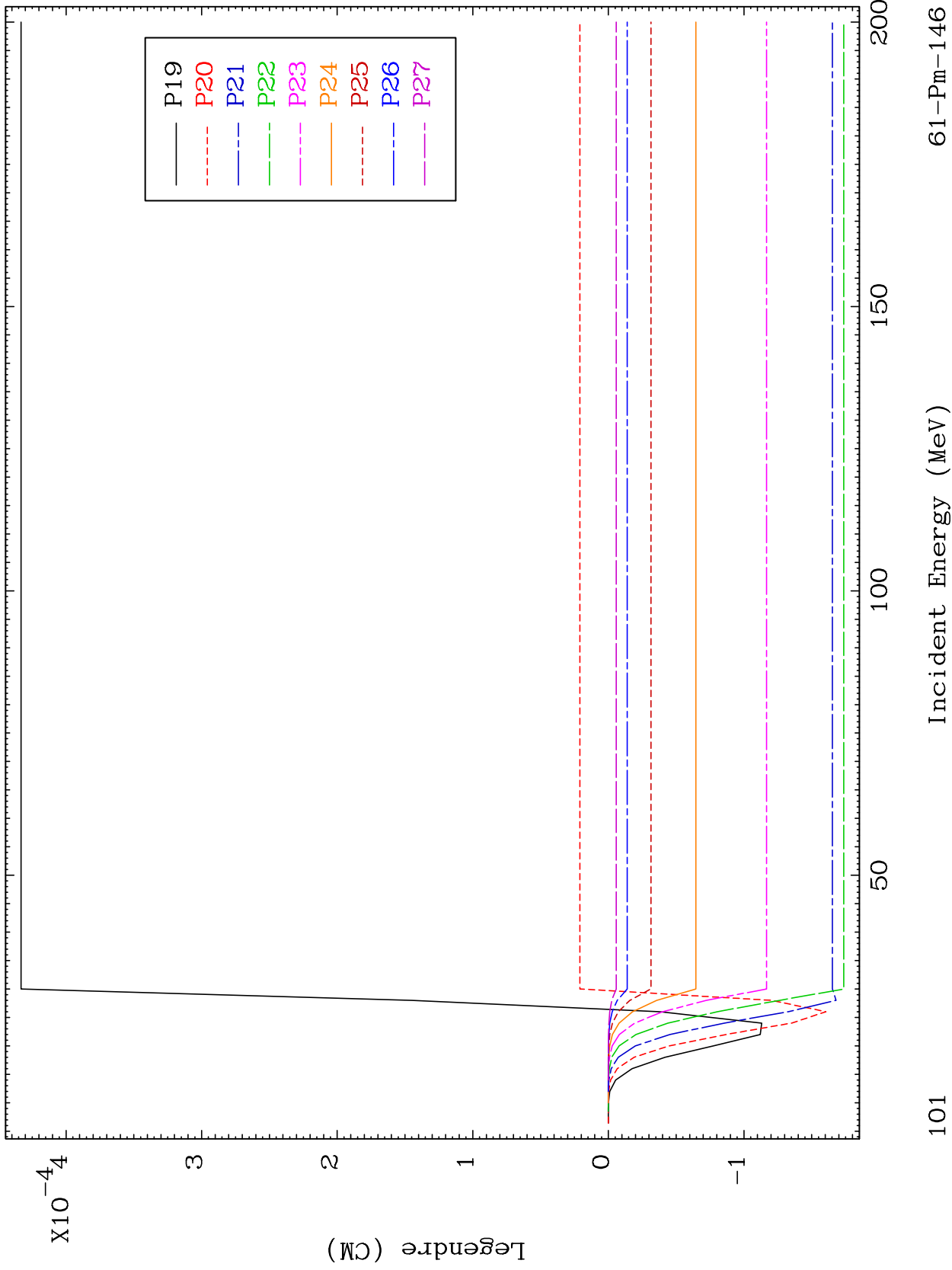


61-Pm-146

MAT 6146

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

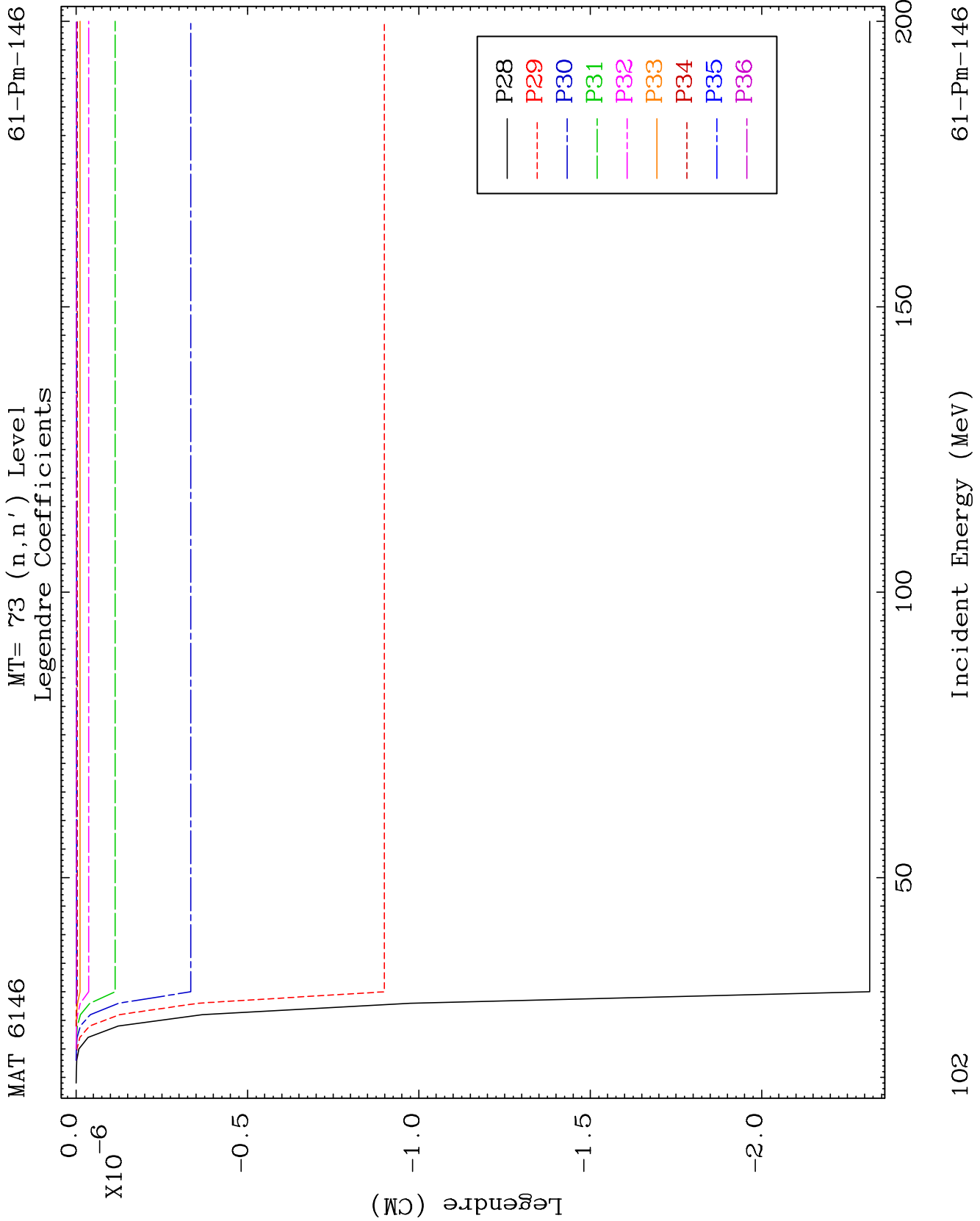
61-Pm-146



101

Incident Energy (MeV)

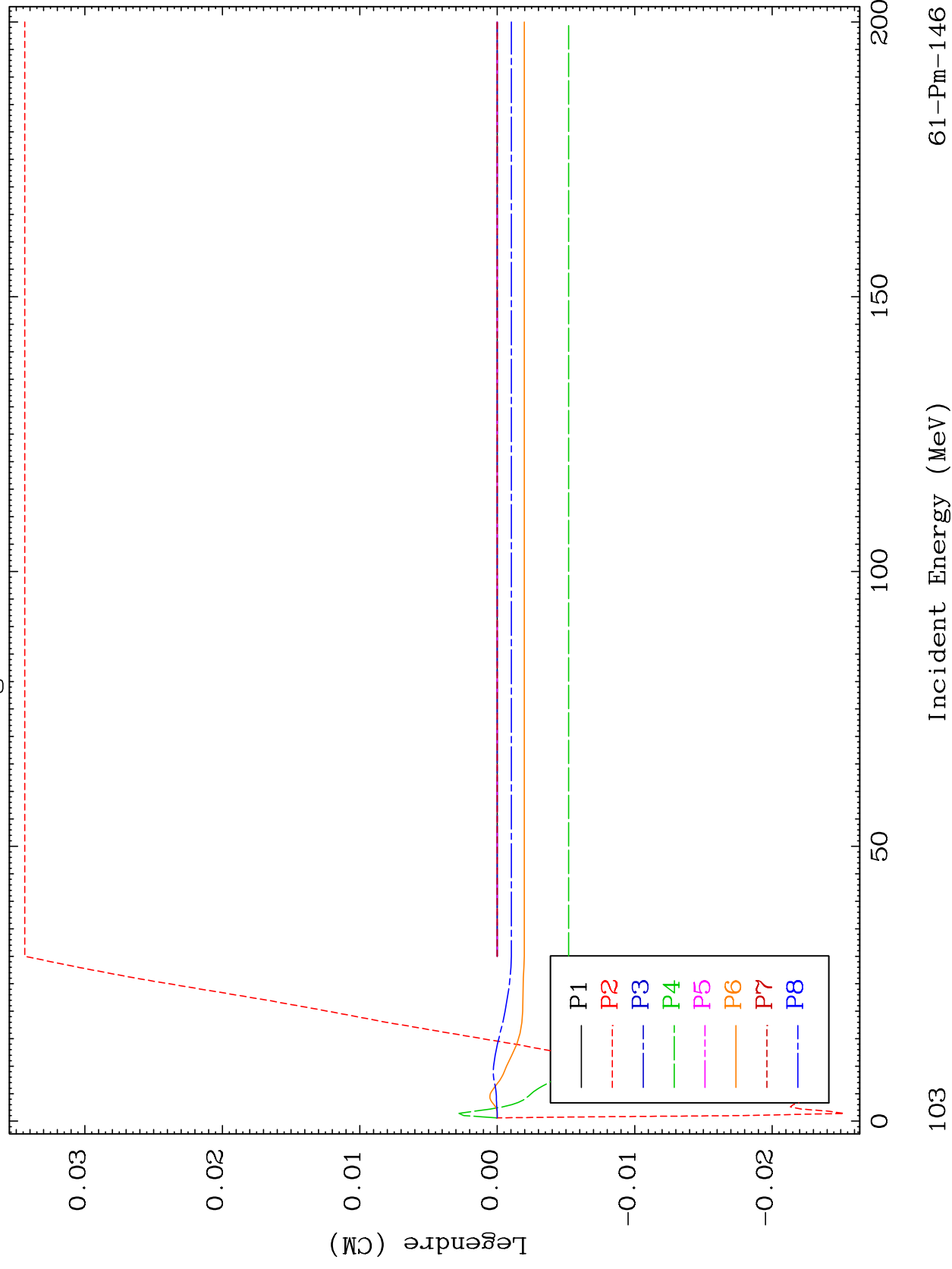
61-Pm-146



MAT 6146

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

61-Pm-146



61-Pm-146

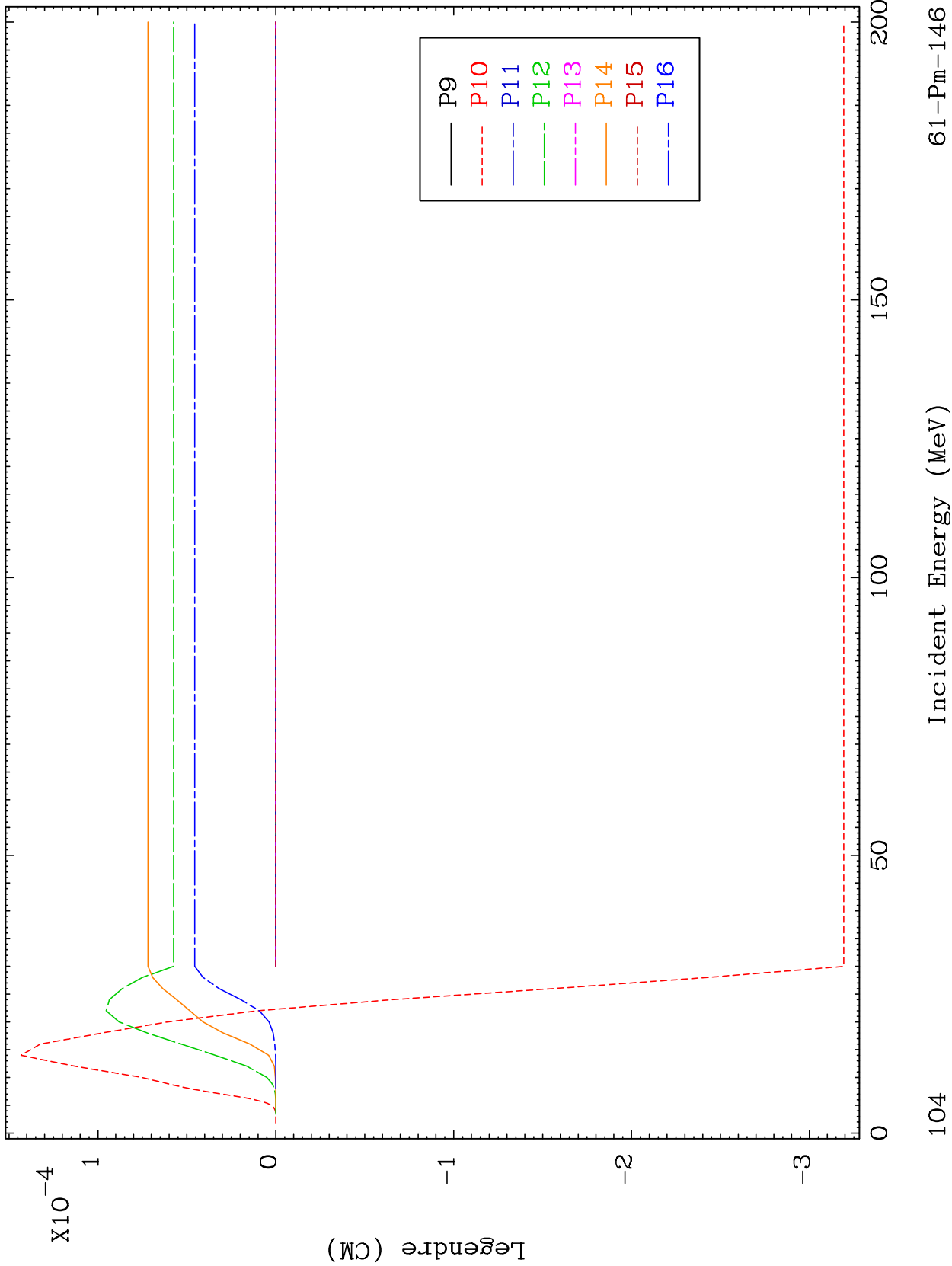
Incident Energy (MeV)

103

MAT 6146

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

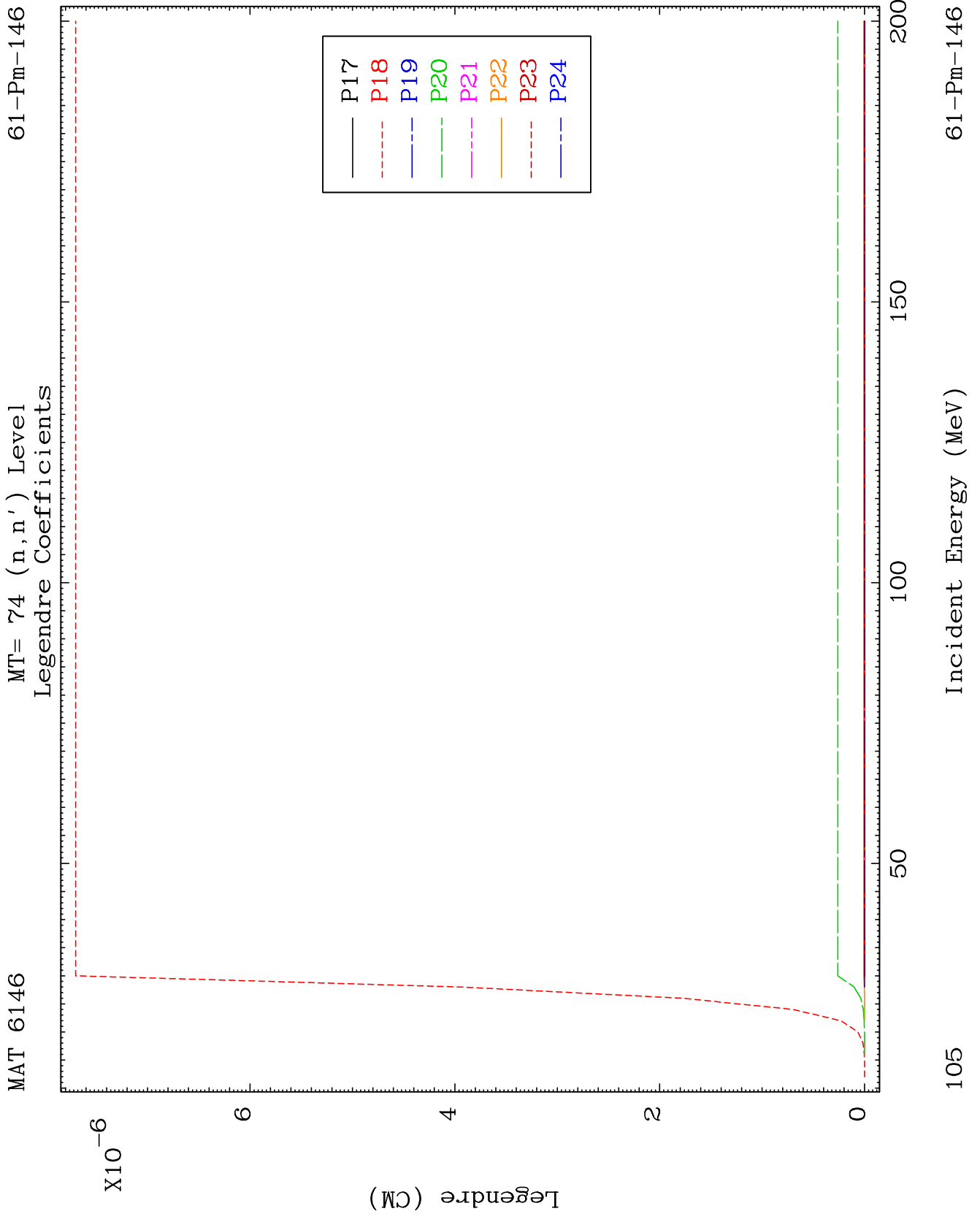
61-Pm-146



61-Pm-146

Incident Energy (MeV)

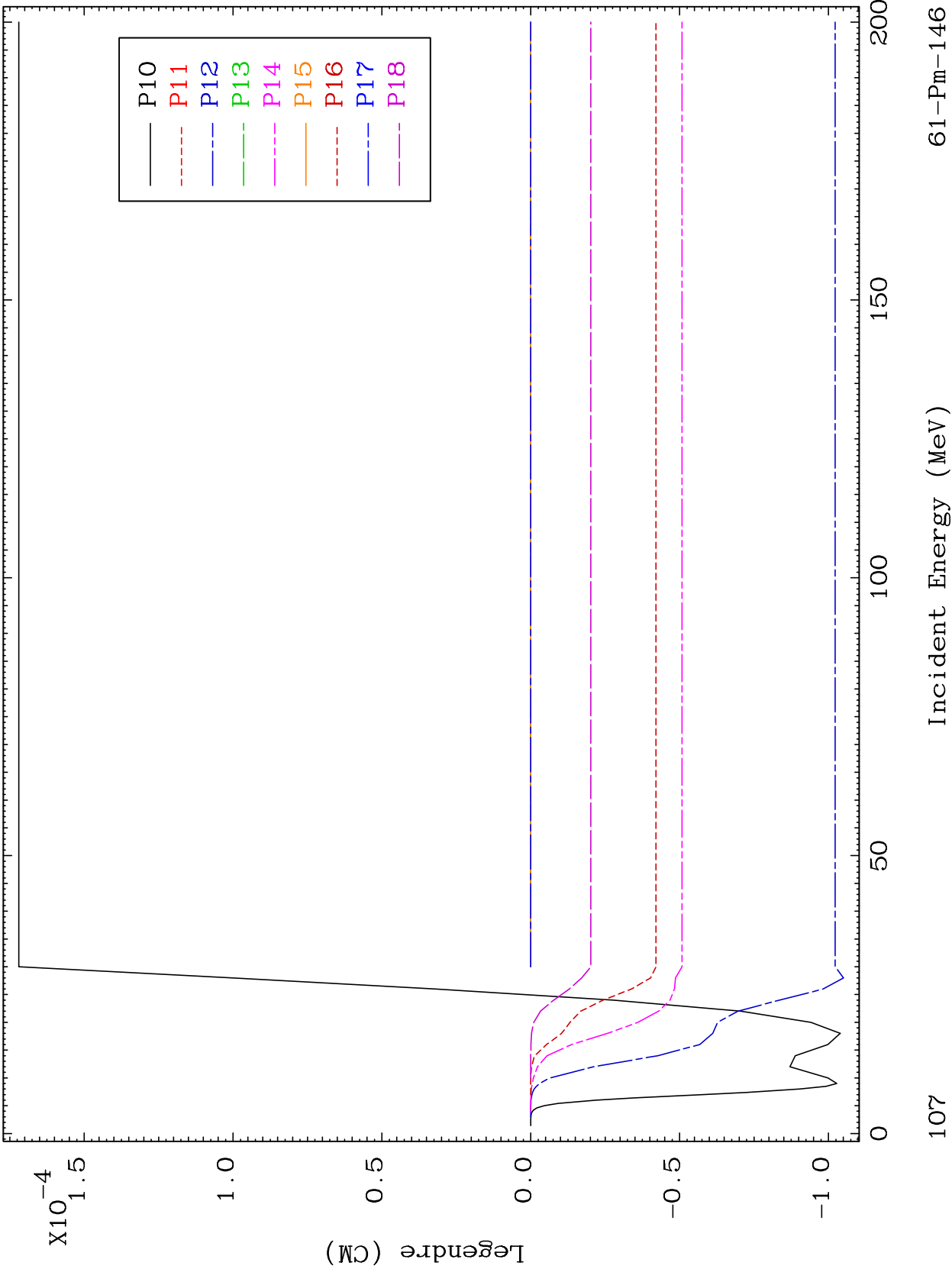
104



MAT 6146

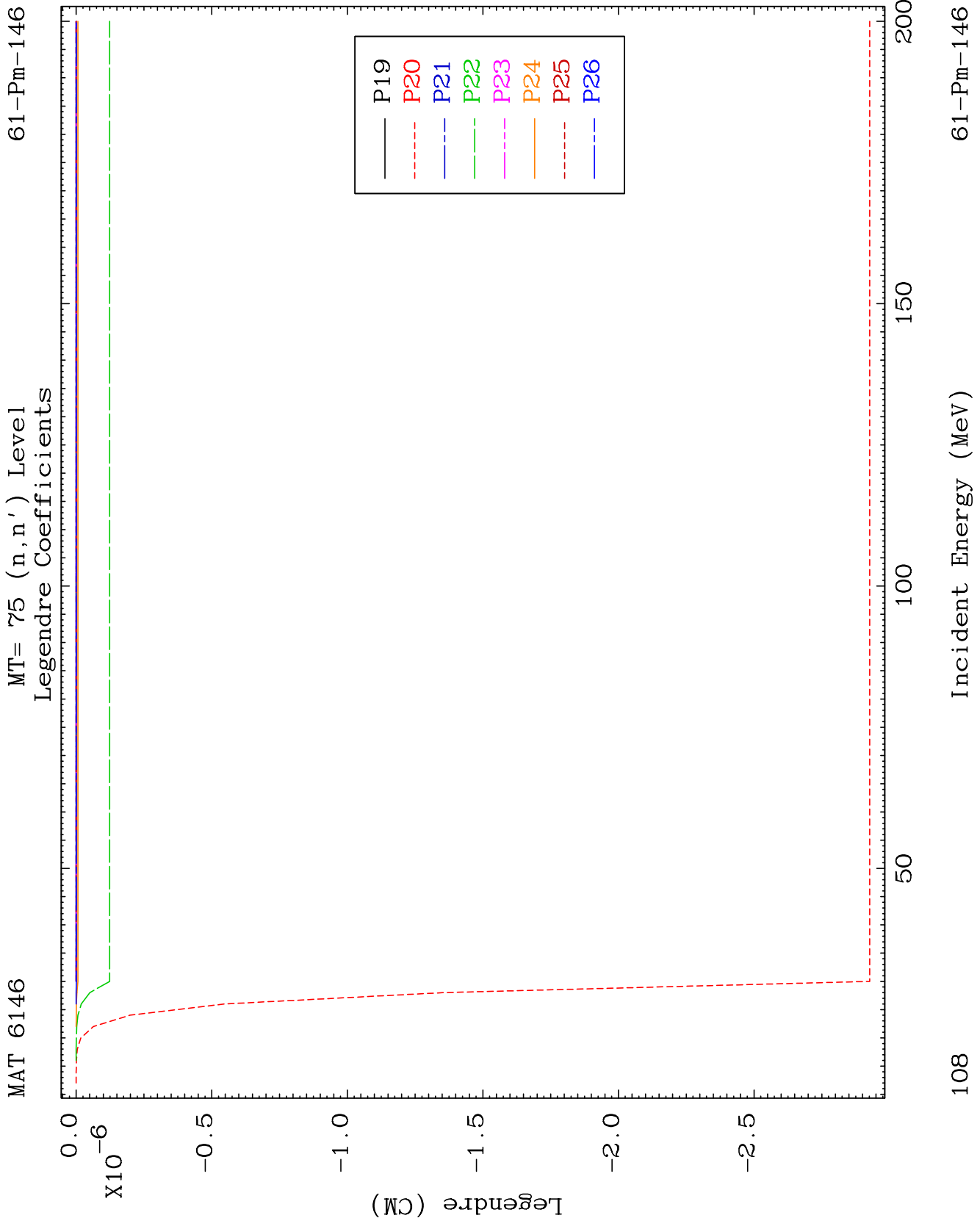
MT= 75 (n,n') Level
Legendre Coefficients

61-Pm-146



107

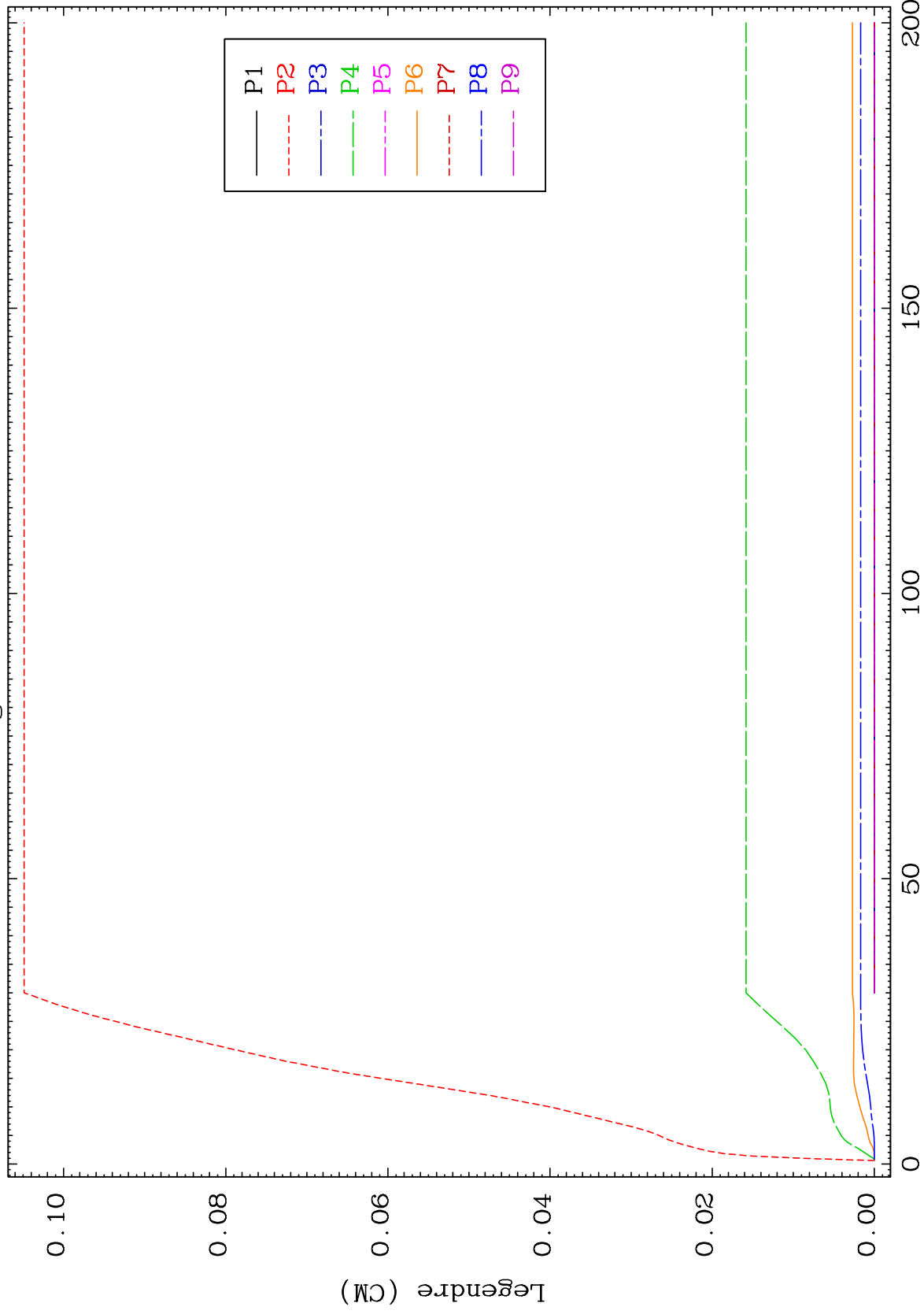
61-Pm-146



MAT 6146

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

61-Pm-146



61-Pm-146

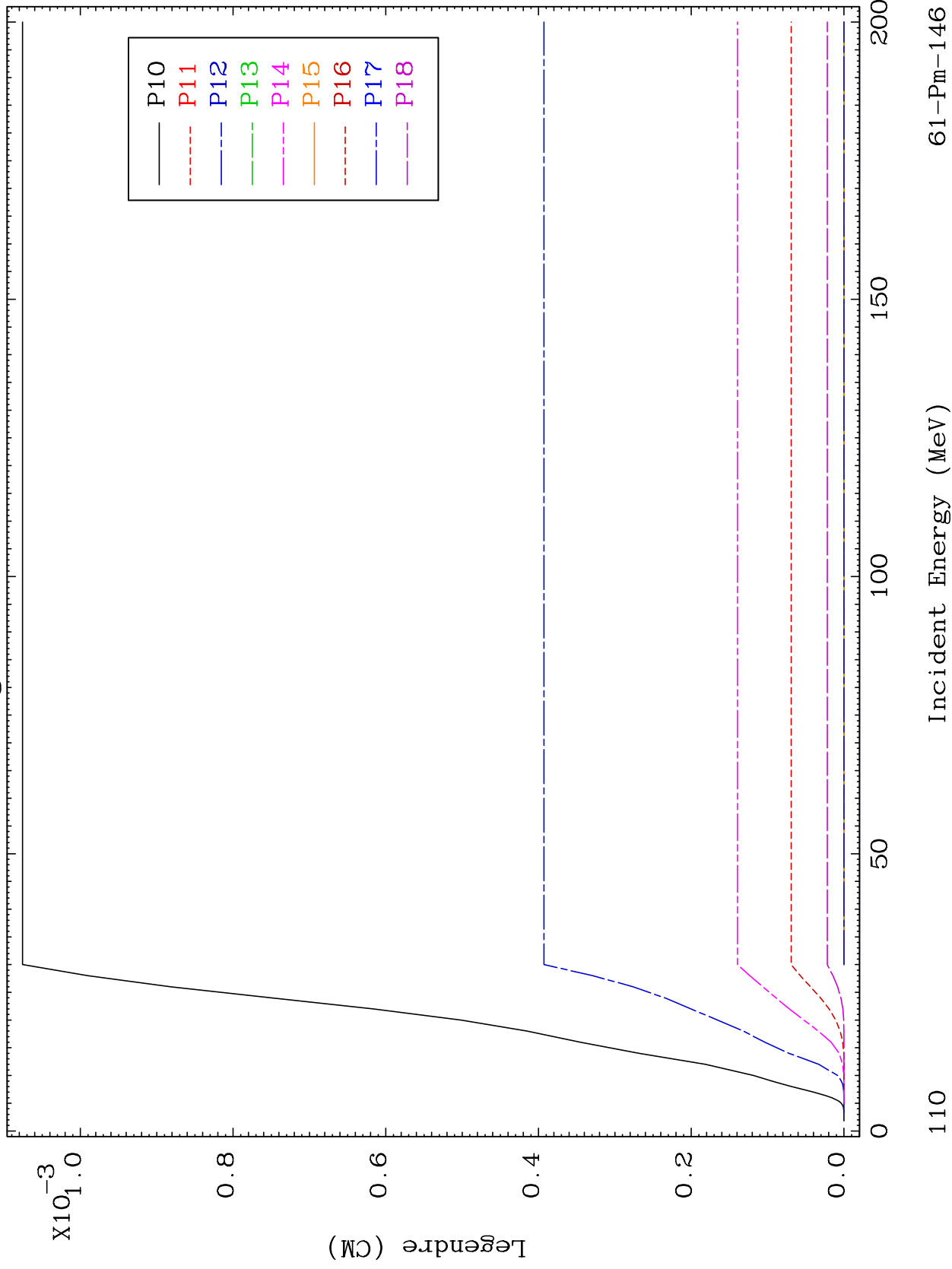
Incident Energy (MeV)

109

MAT 6146

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

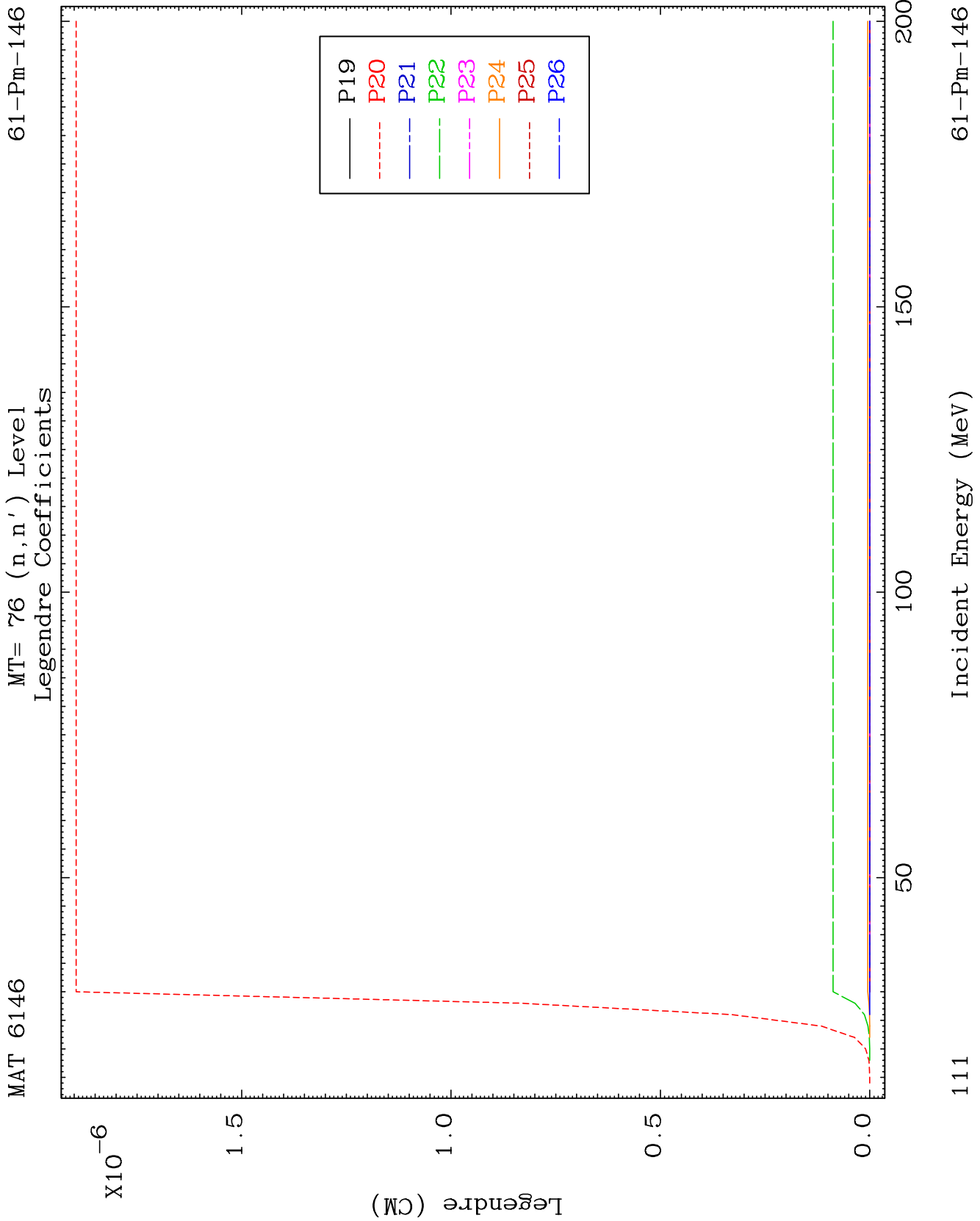
61-Pm-146



61-Pm-146

Incident Energy (MeV)

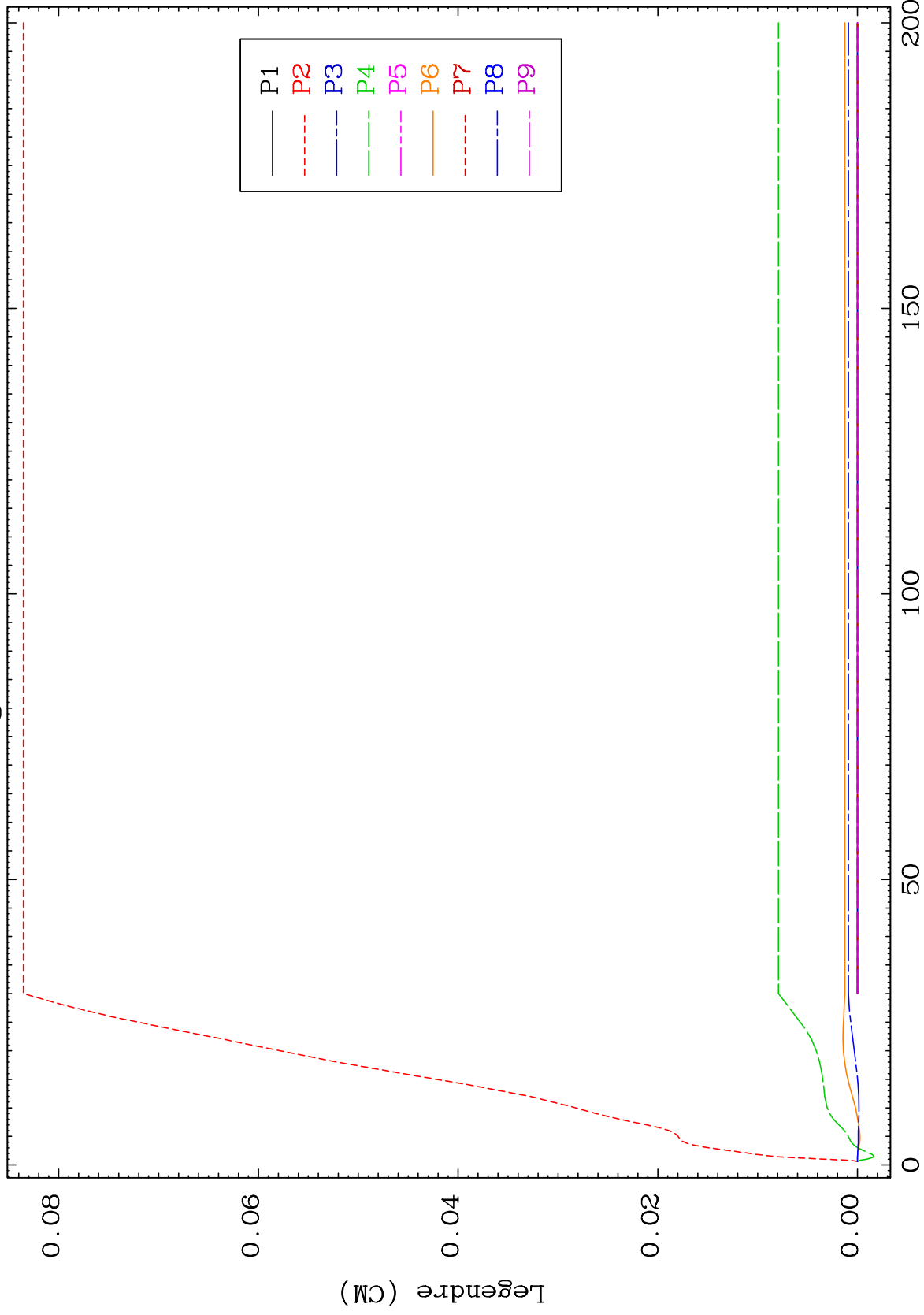
110



MAT 6146

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

61-Pm-146



61-Pm-146

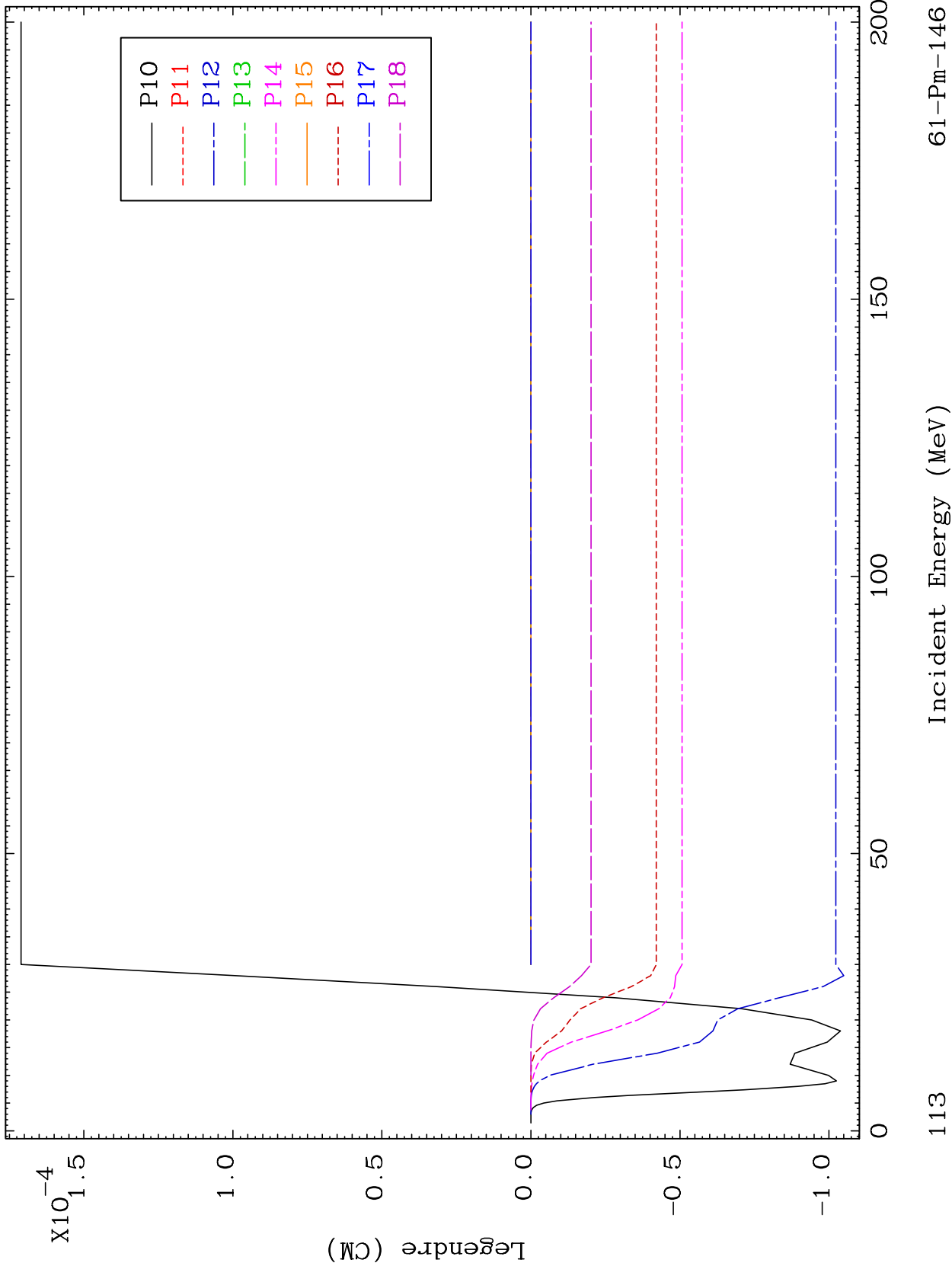
Incident Energy (MeV)

112

MAT 6146

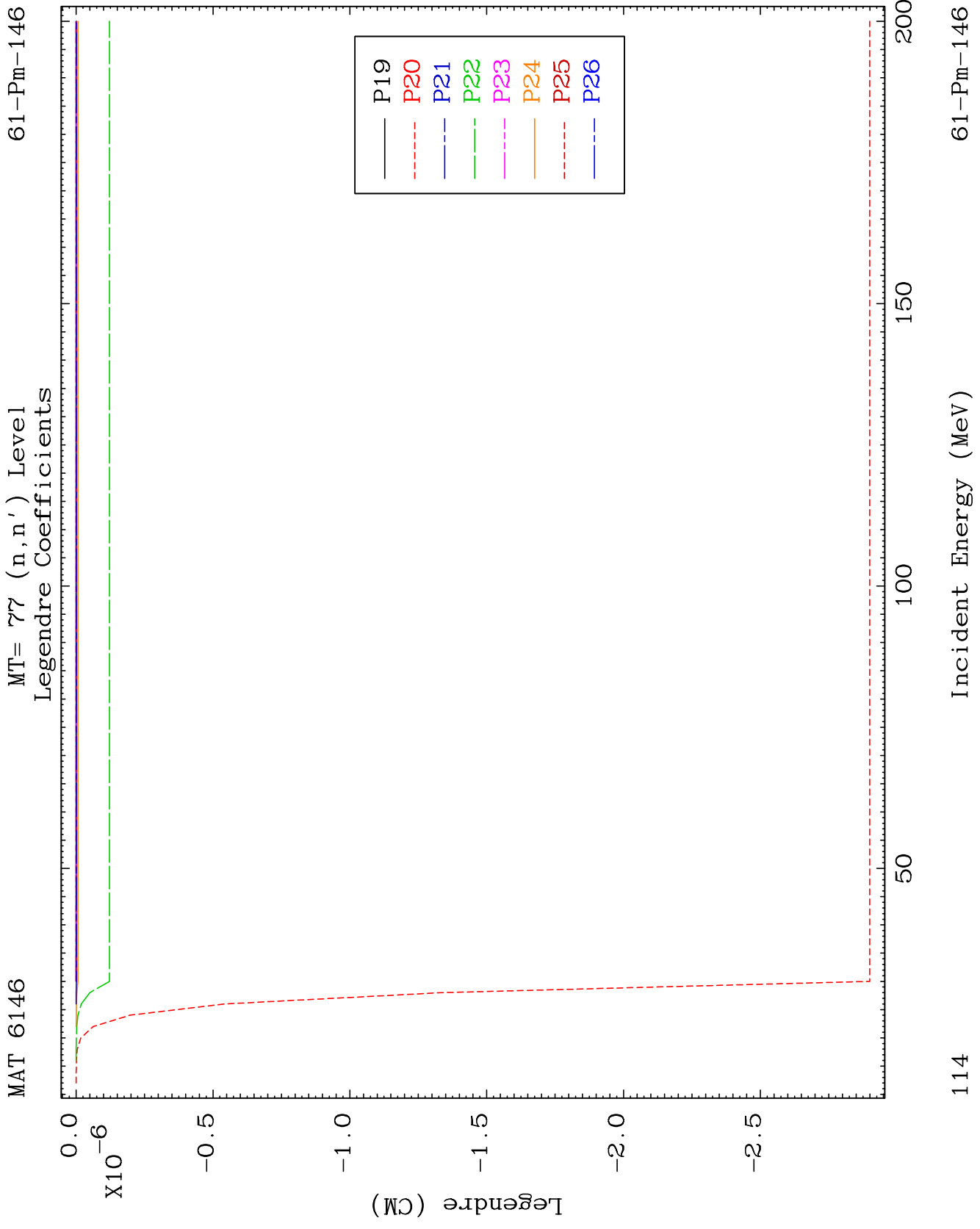
MT= 77 (n,n') Level
Legendre Coefficients

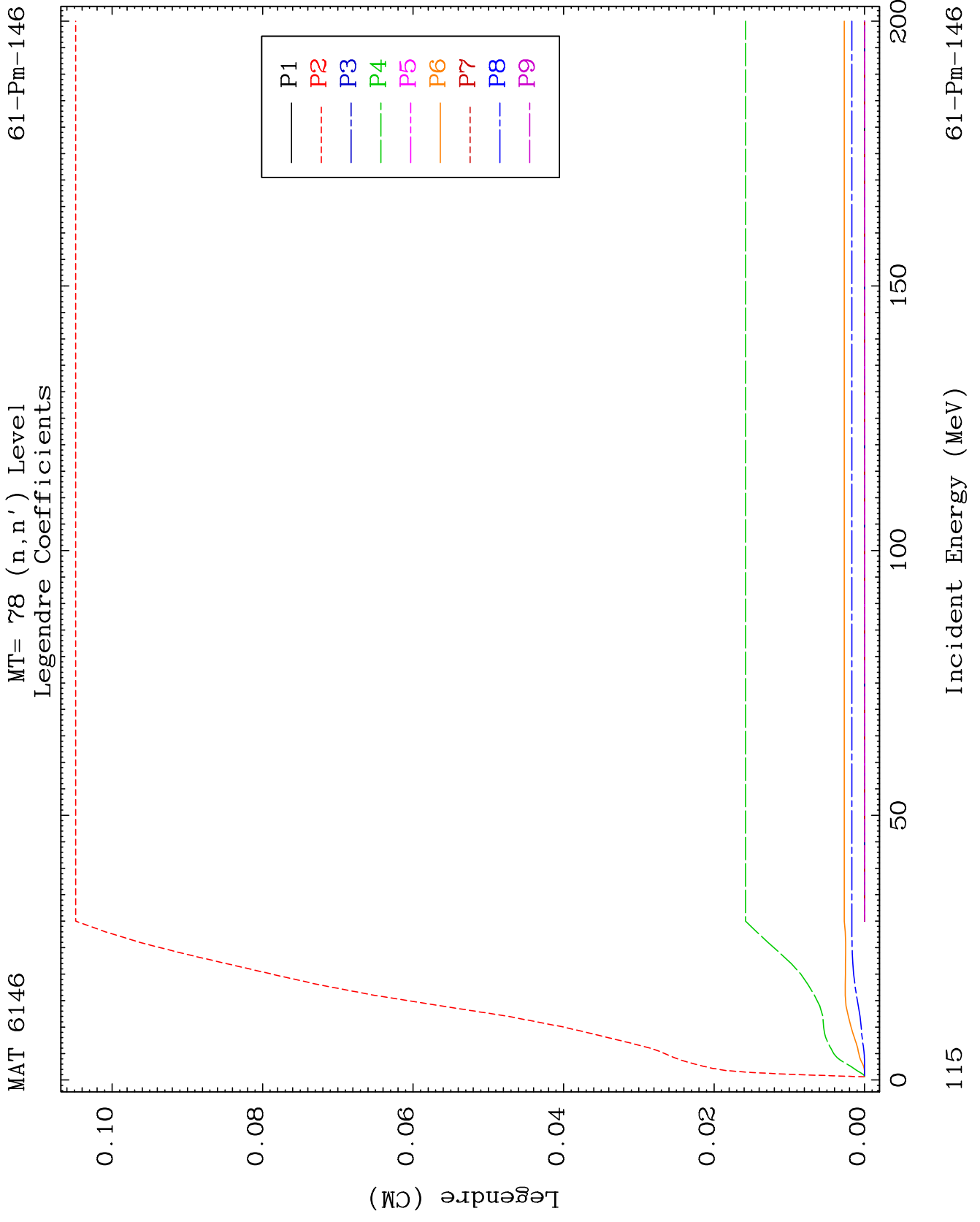
61-Pm-146



113

61-Pm-146

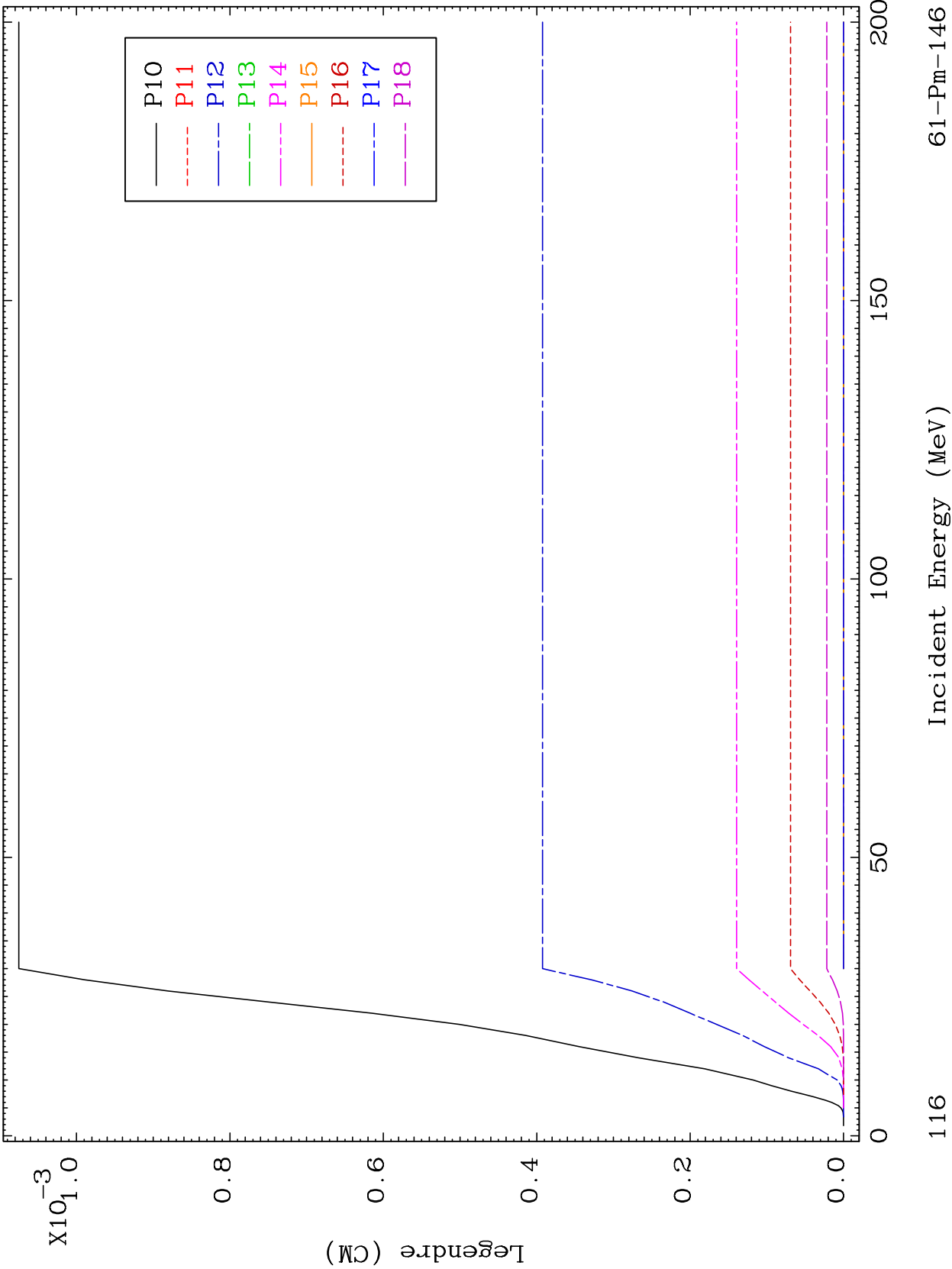




MAT 6146

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

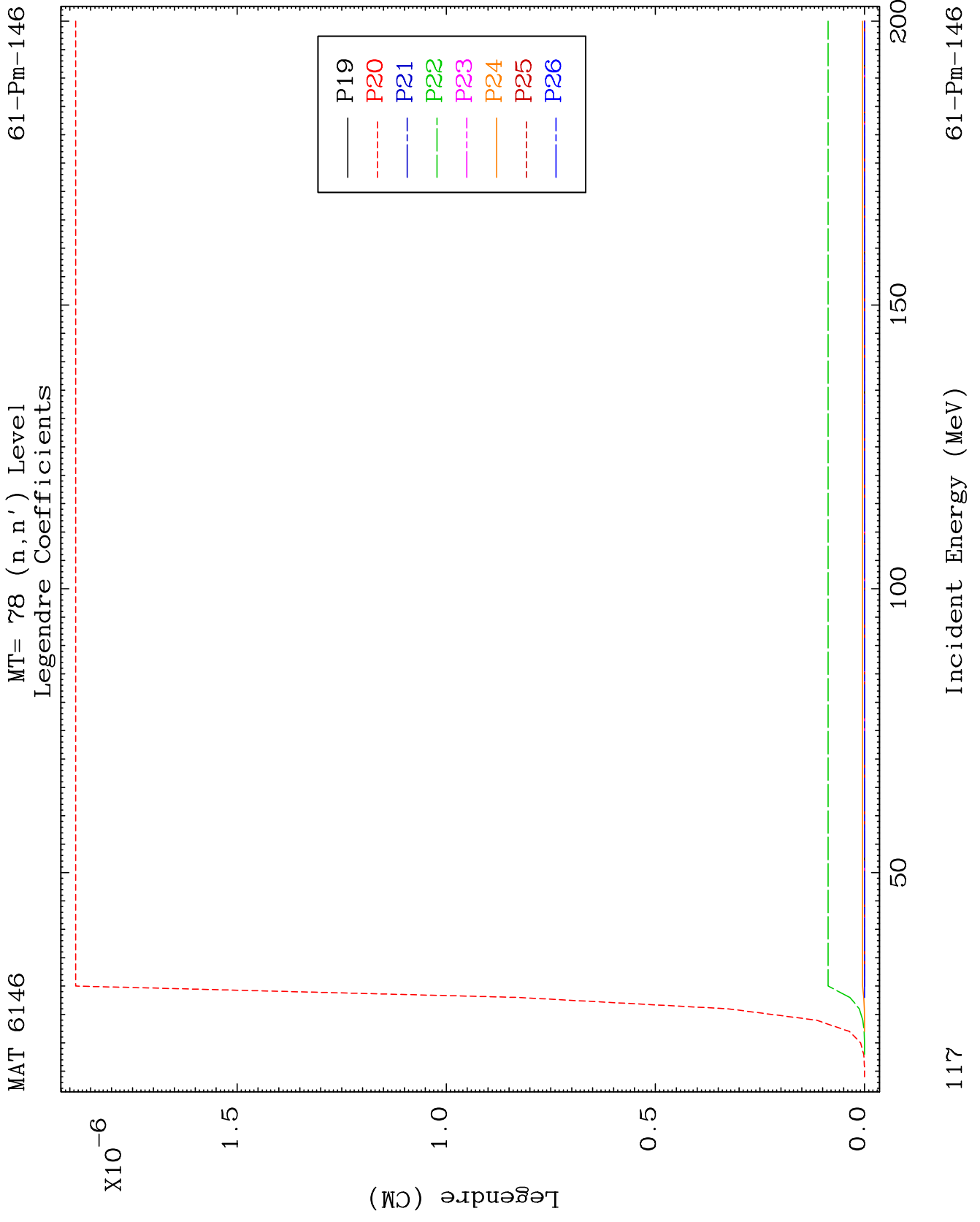
61-Pm-146

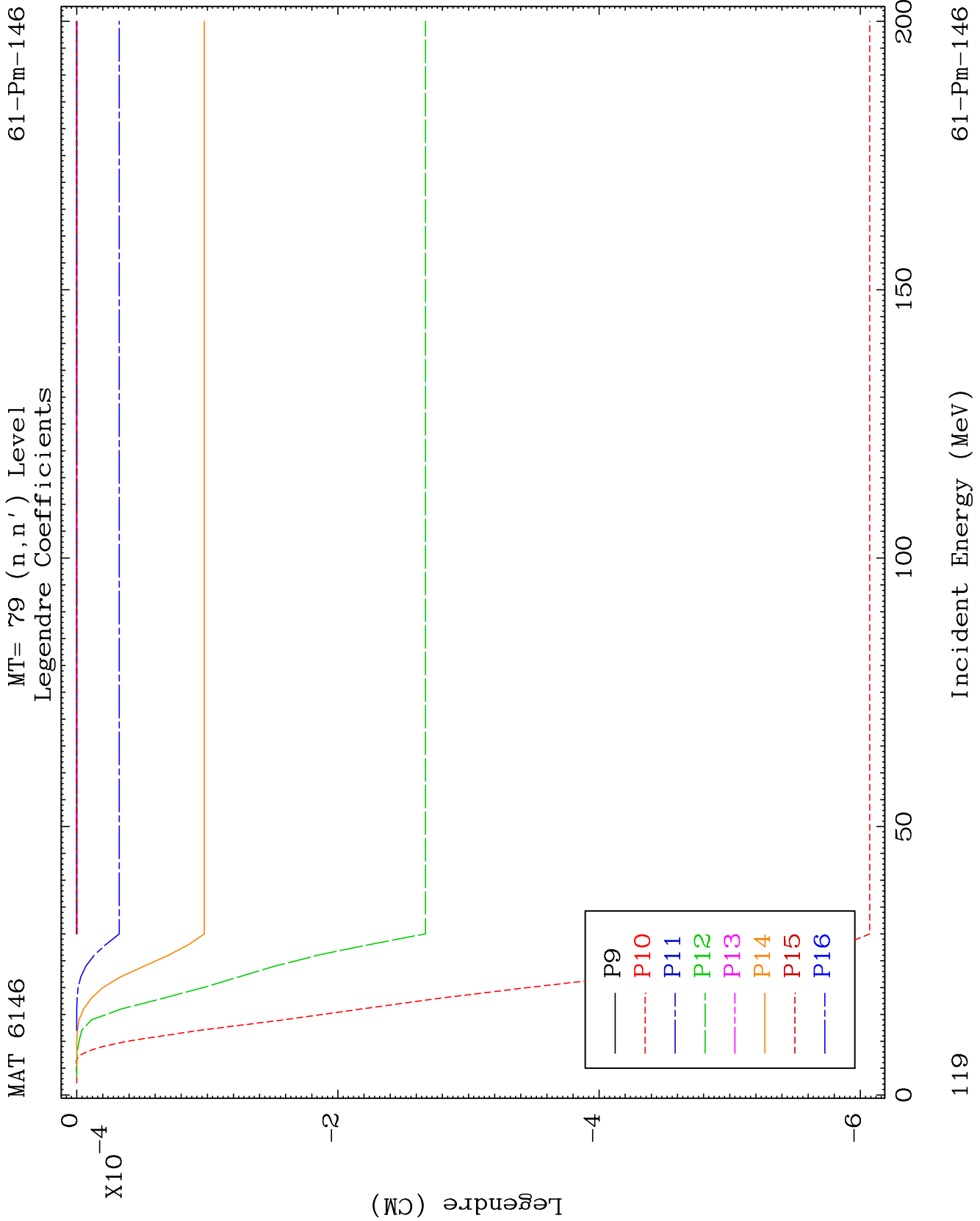


116

Incident Energy (MeV)

61-Pm-146

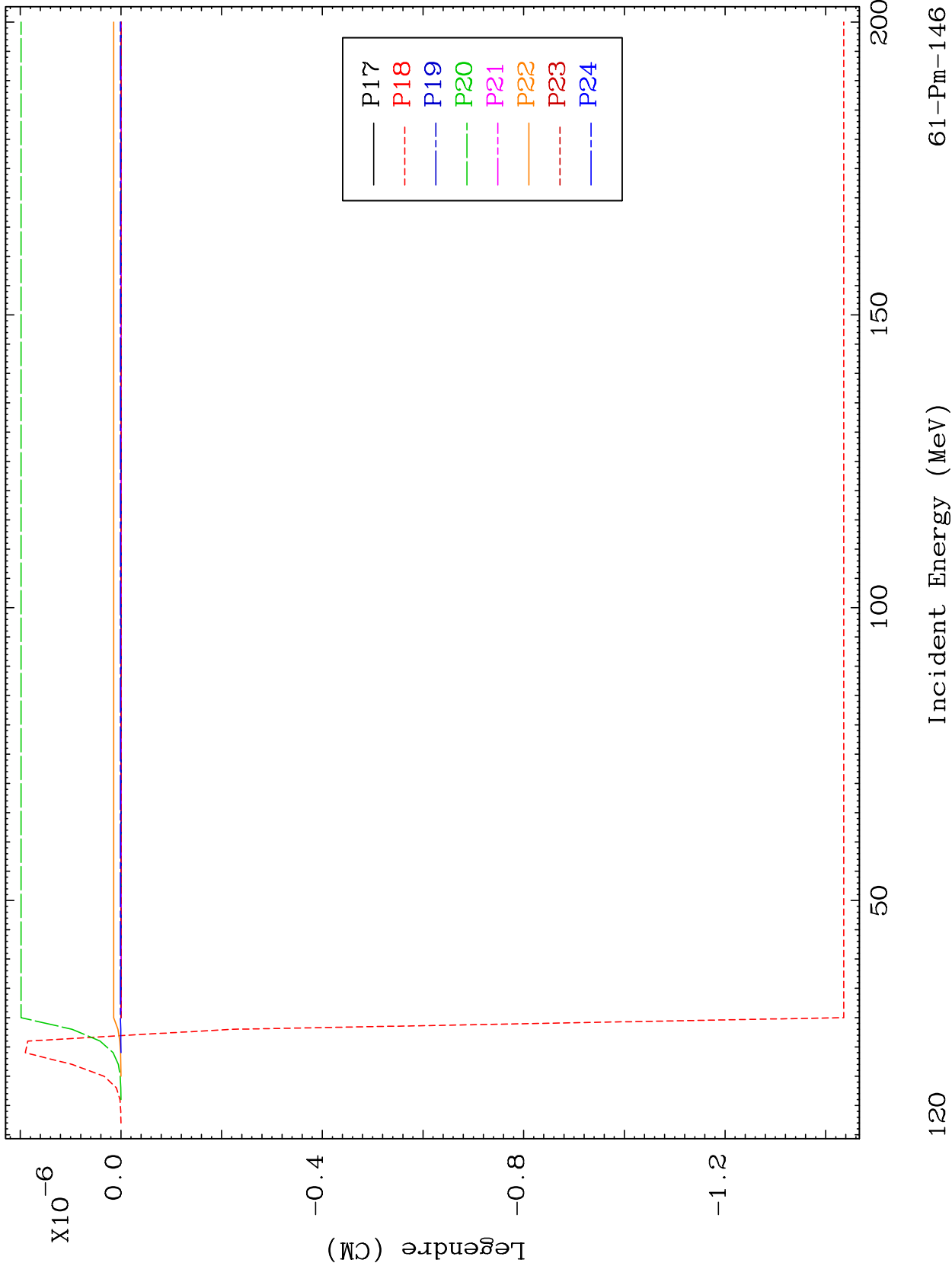




MAT 6146

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

61-Pm-146



120

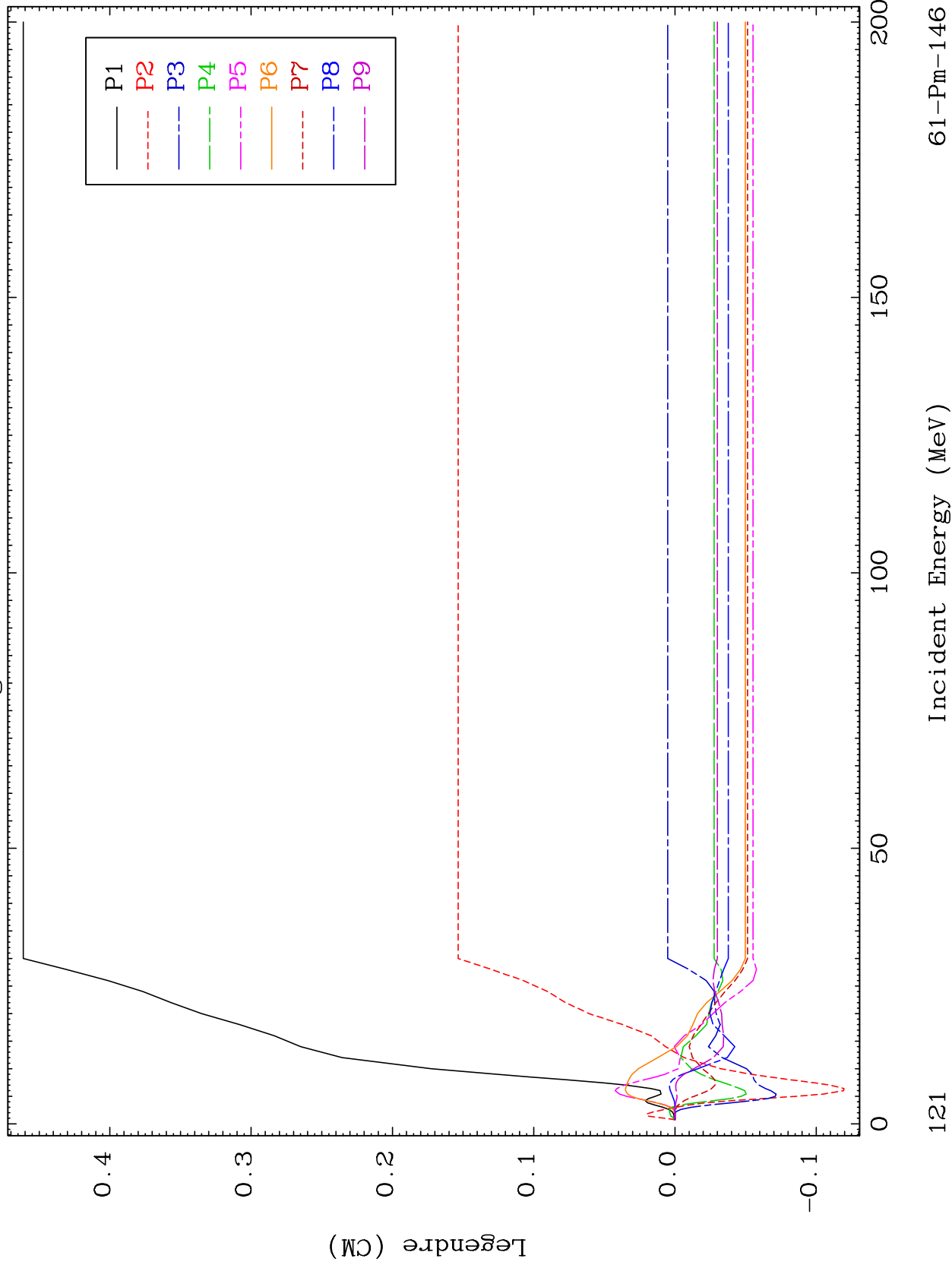
Incident Energy (MeV)

61-Pm-146

MAT 6146

MT= 80 (n,n') Level
Legendre Coefficients

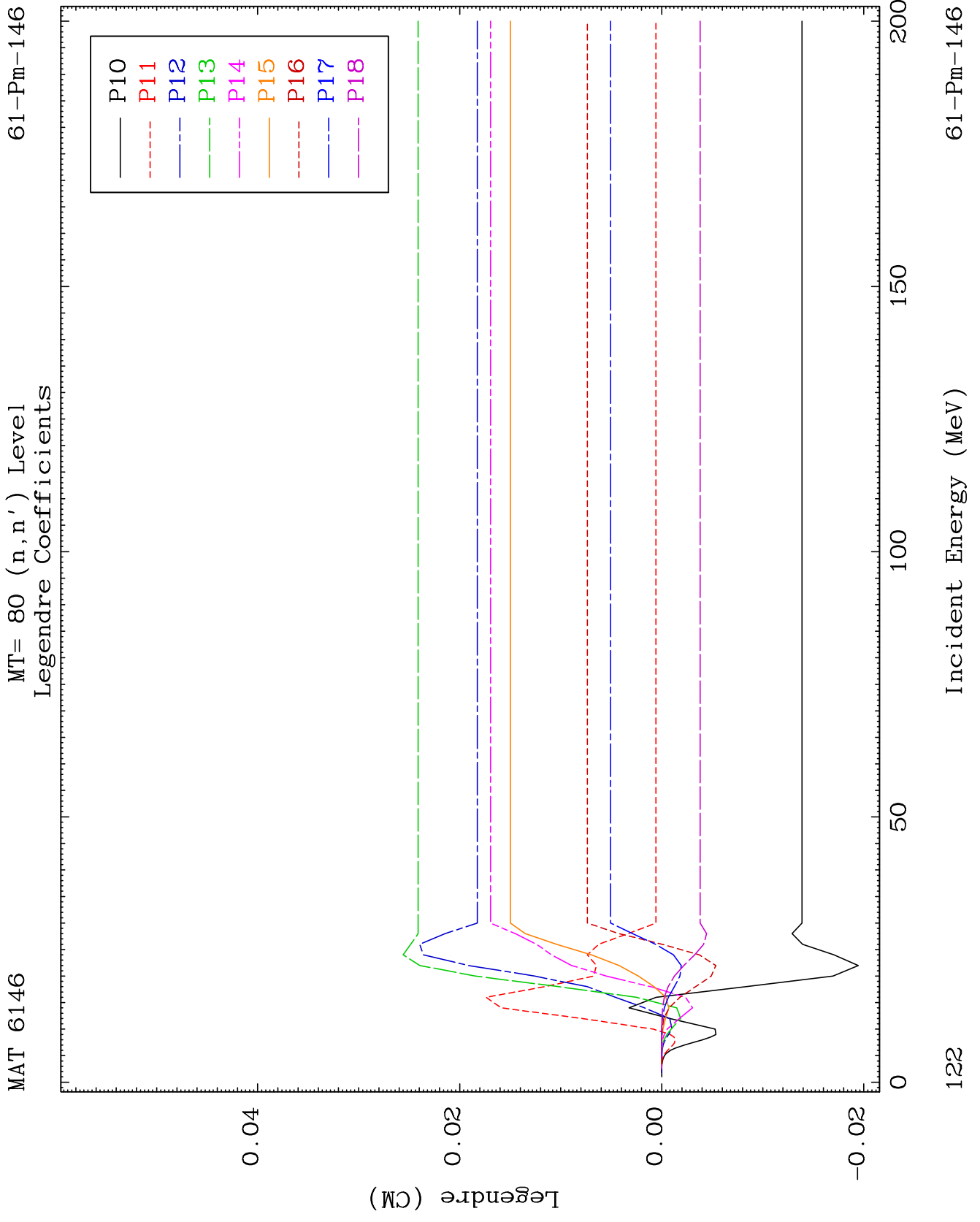
61-Pm-146



61-Pm-146

Incident Energy (MeV)

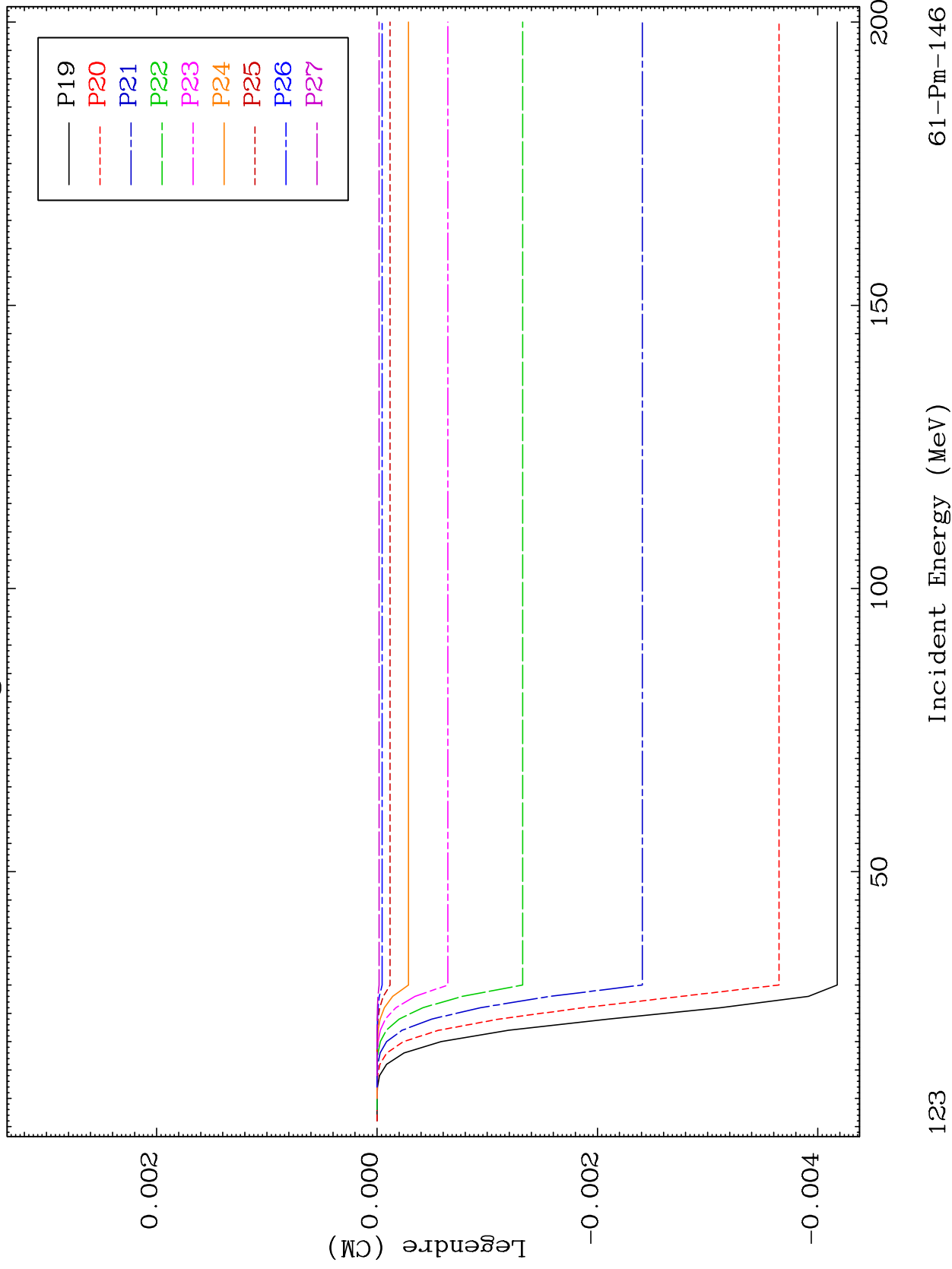
121



MAT 6146

MT= 80 (n,n') Level
Legendre Coefficients

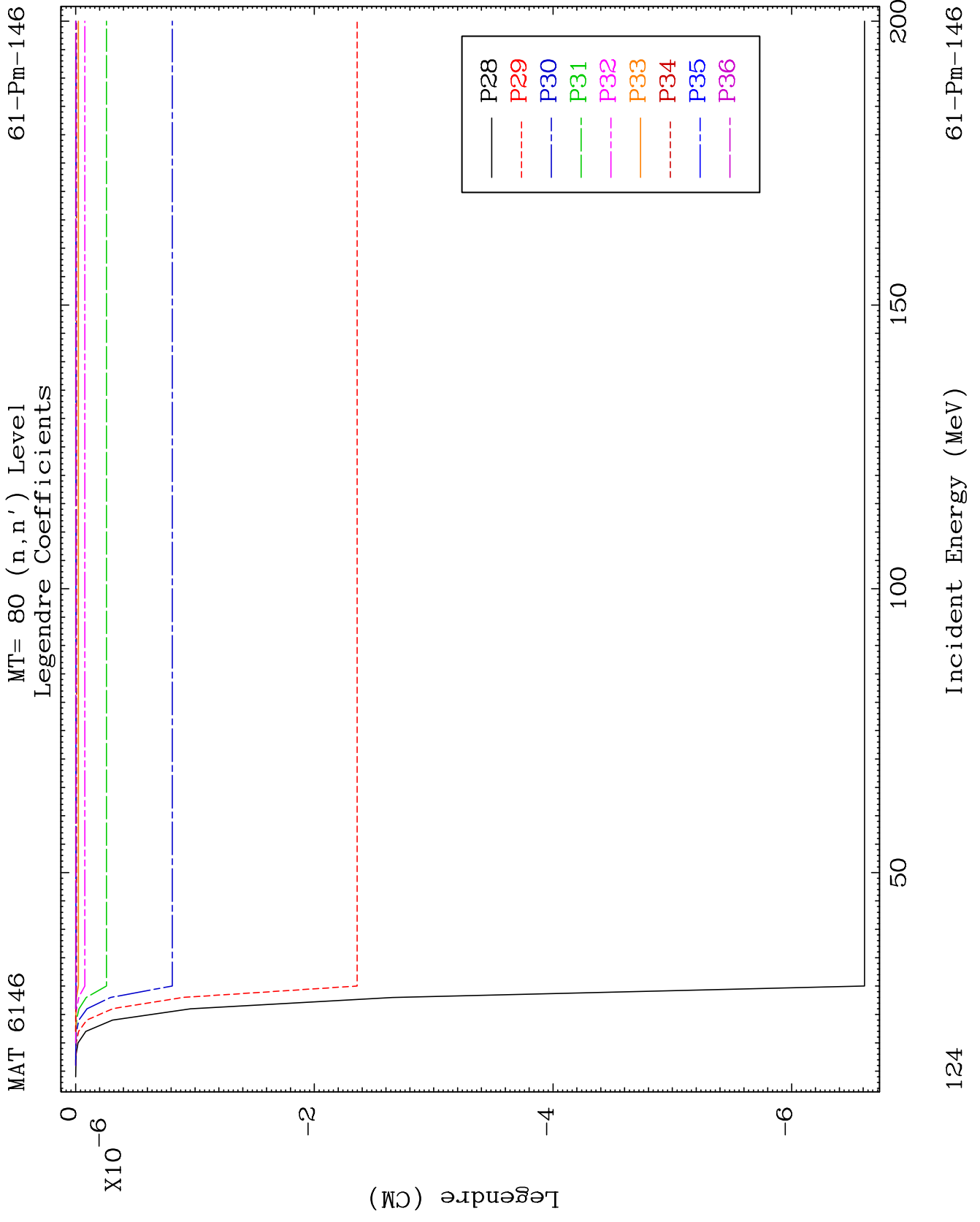
61-Pm-146



123

Incident Energy (MeV)

61-Pm-146

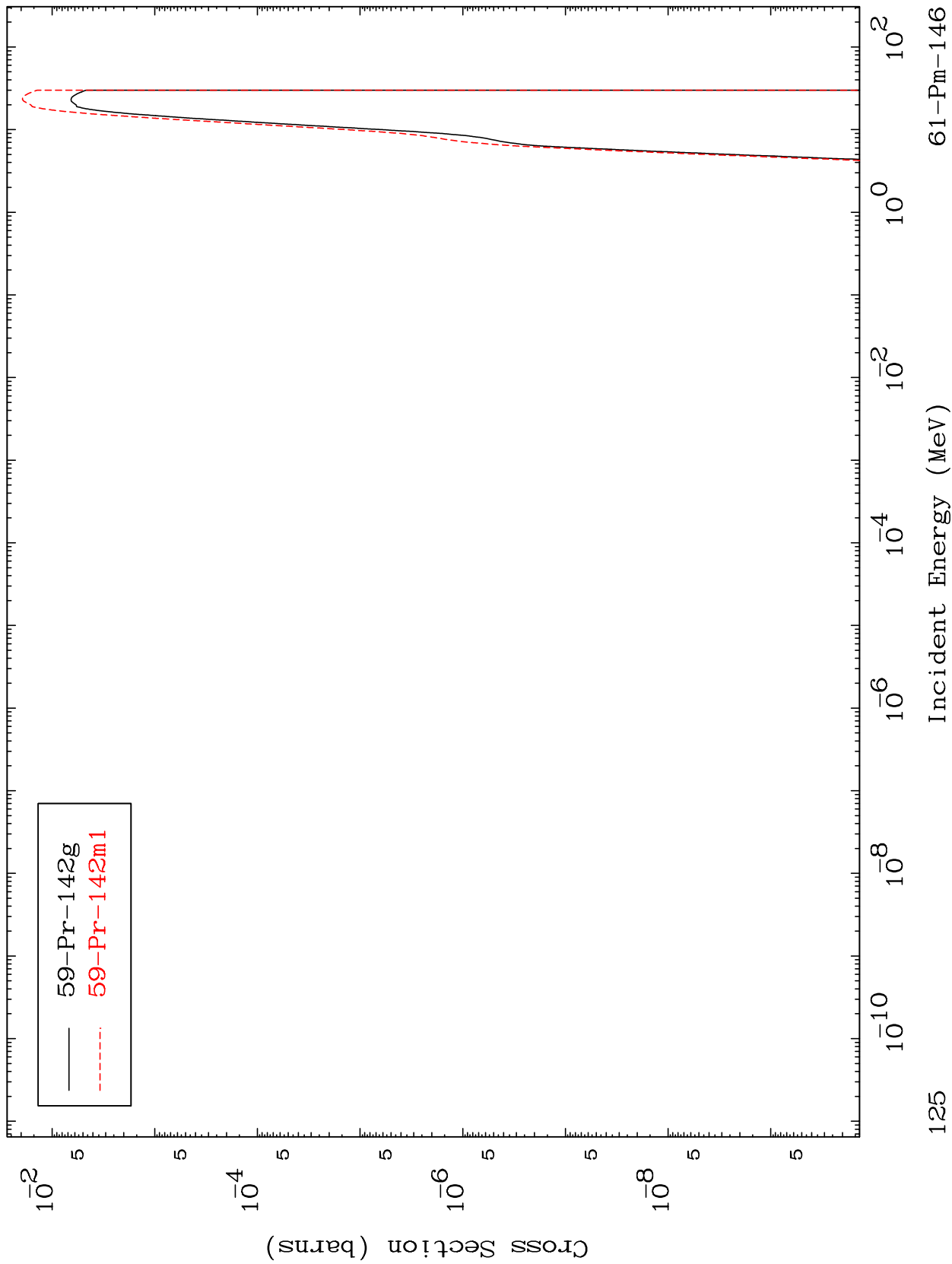


MAT 6146

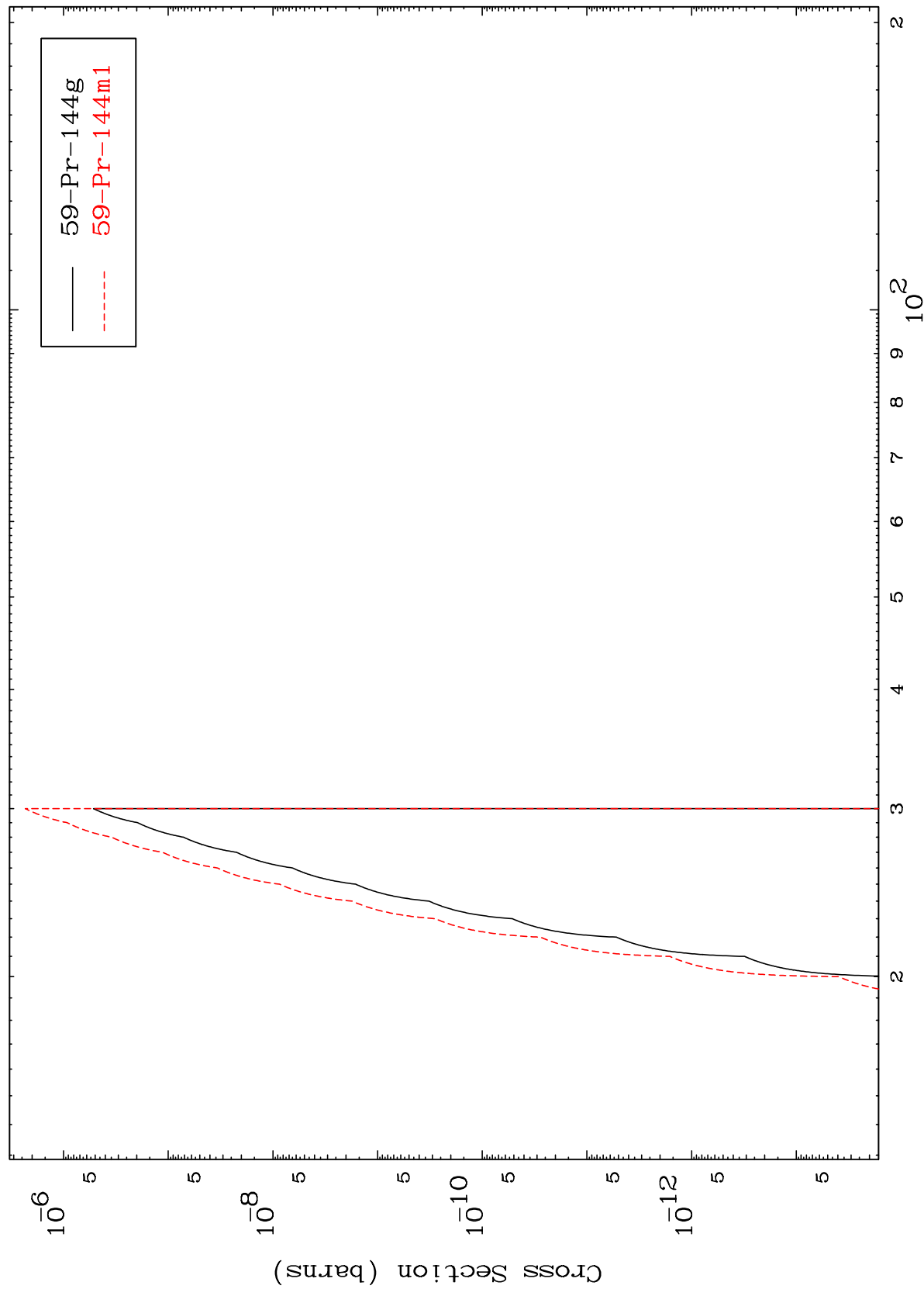
(n, n') α

61-Pm-146

Radionuclide Production Cross Section



Radionuclide Production Cross Section

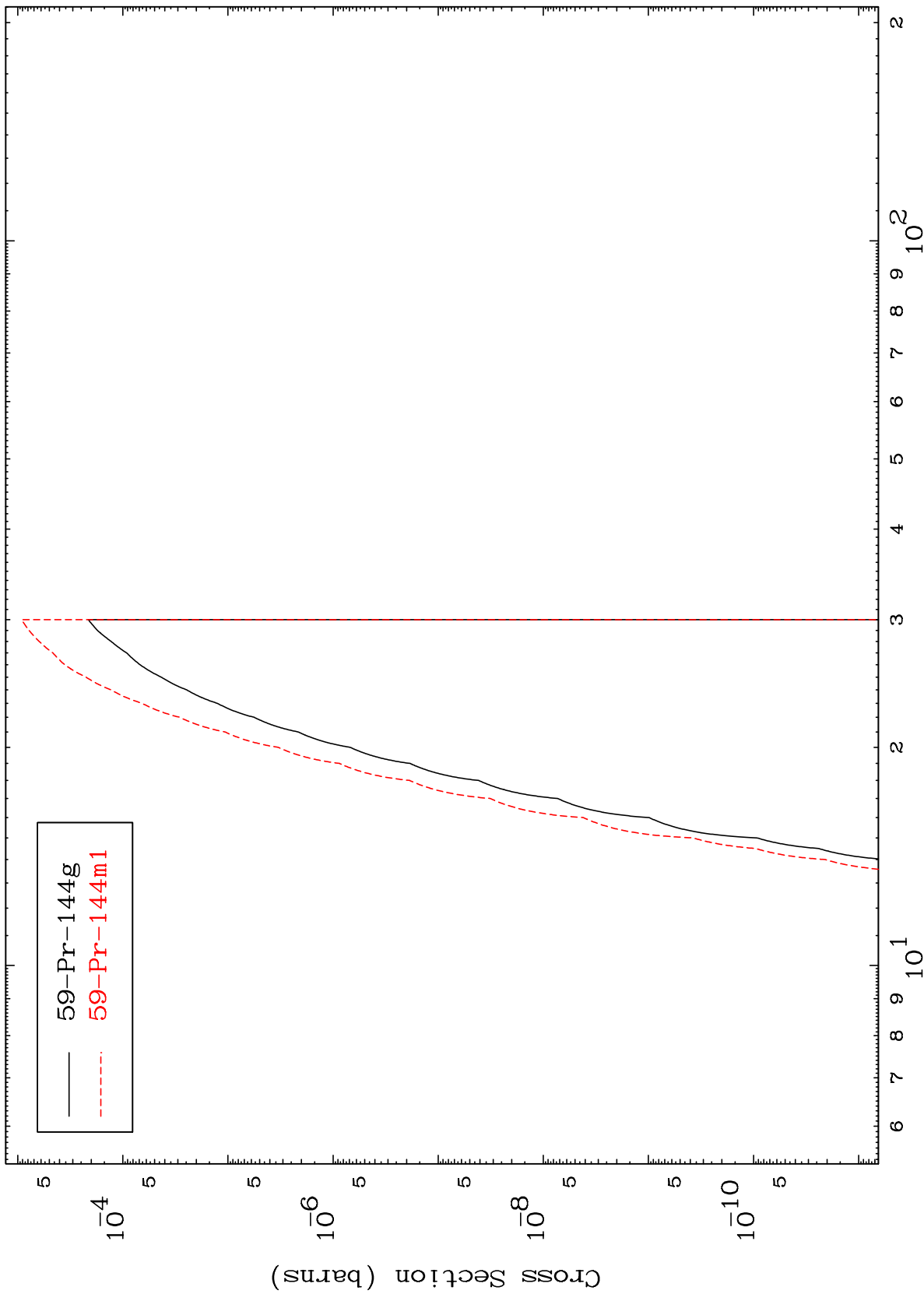


59-Pr-144g
59-Pr-144m1

MAT 6146

61-Pm-146

Radionuclide Production Cross Section
(n,He-3)



127

Incident Energy (MeV)

61-Pm-146

Radionuclide Production Cross Section

