

Program EVALPLOT
(Version 2015-2)

by

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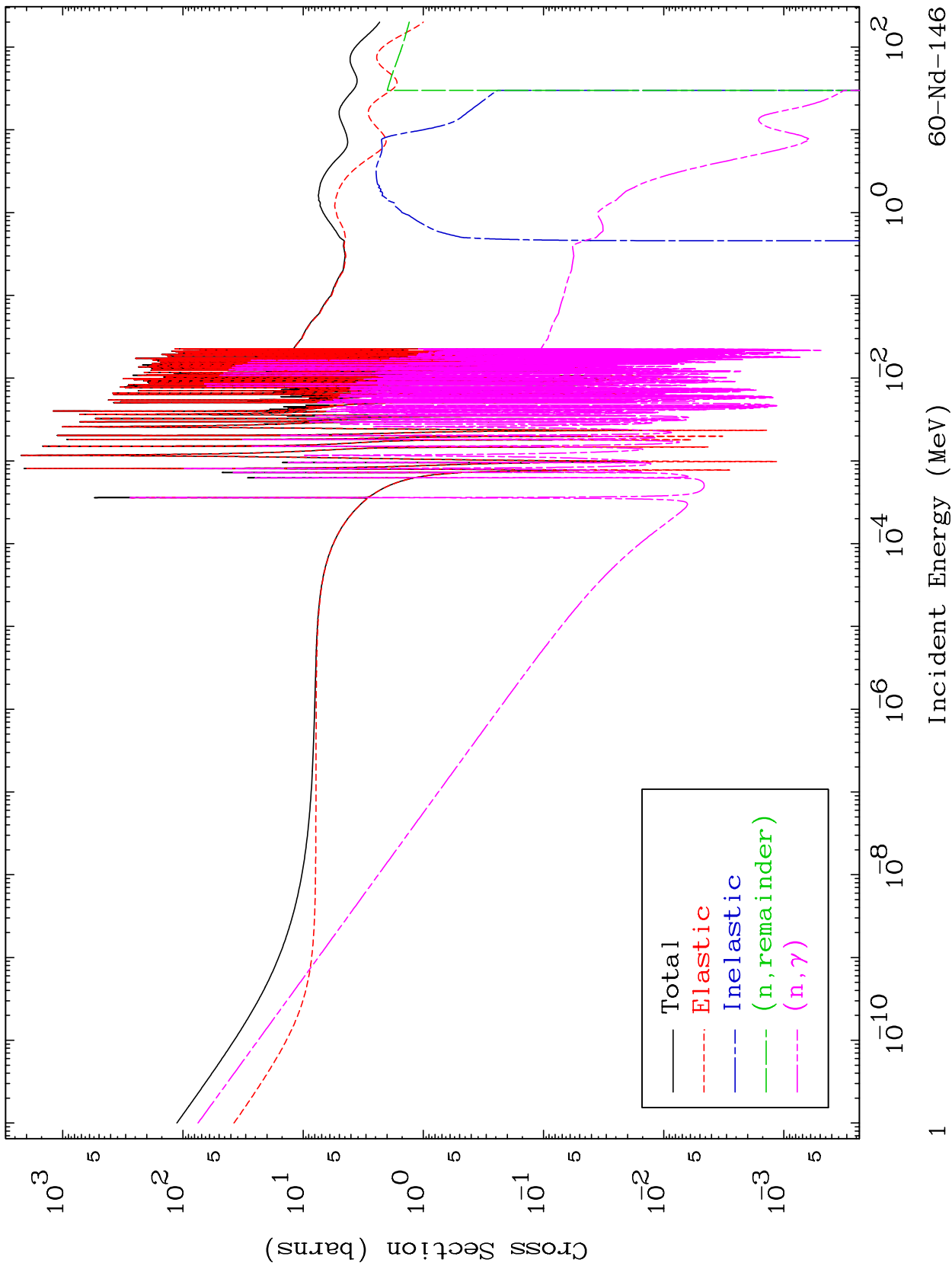
Press Mouse Button to Start

MAT 6037

Major

293 Kelvin Cross Sections

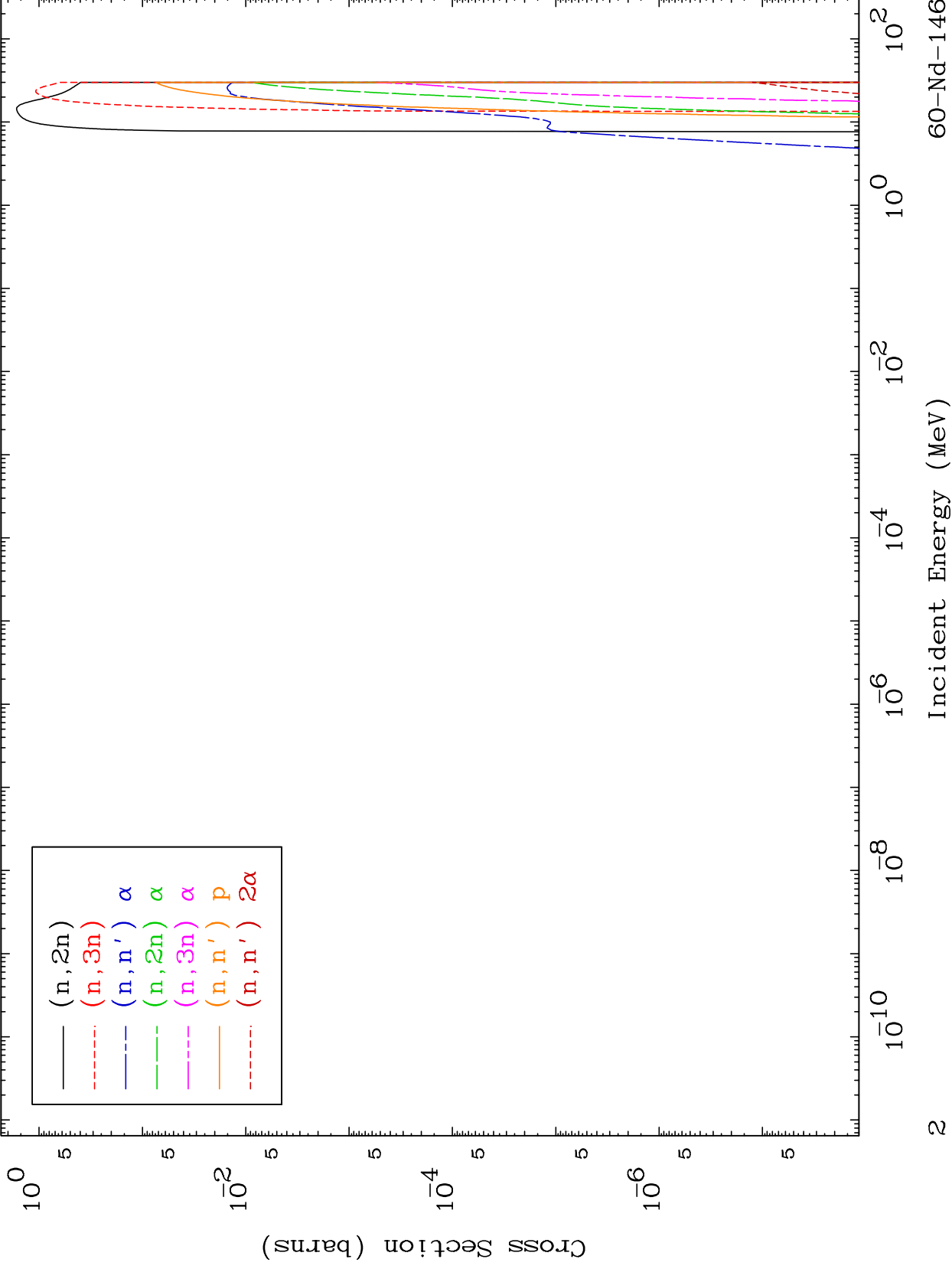
60-Nd-146

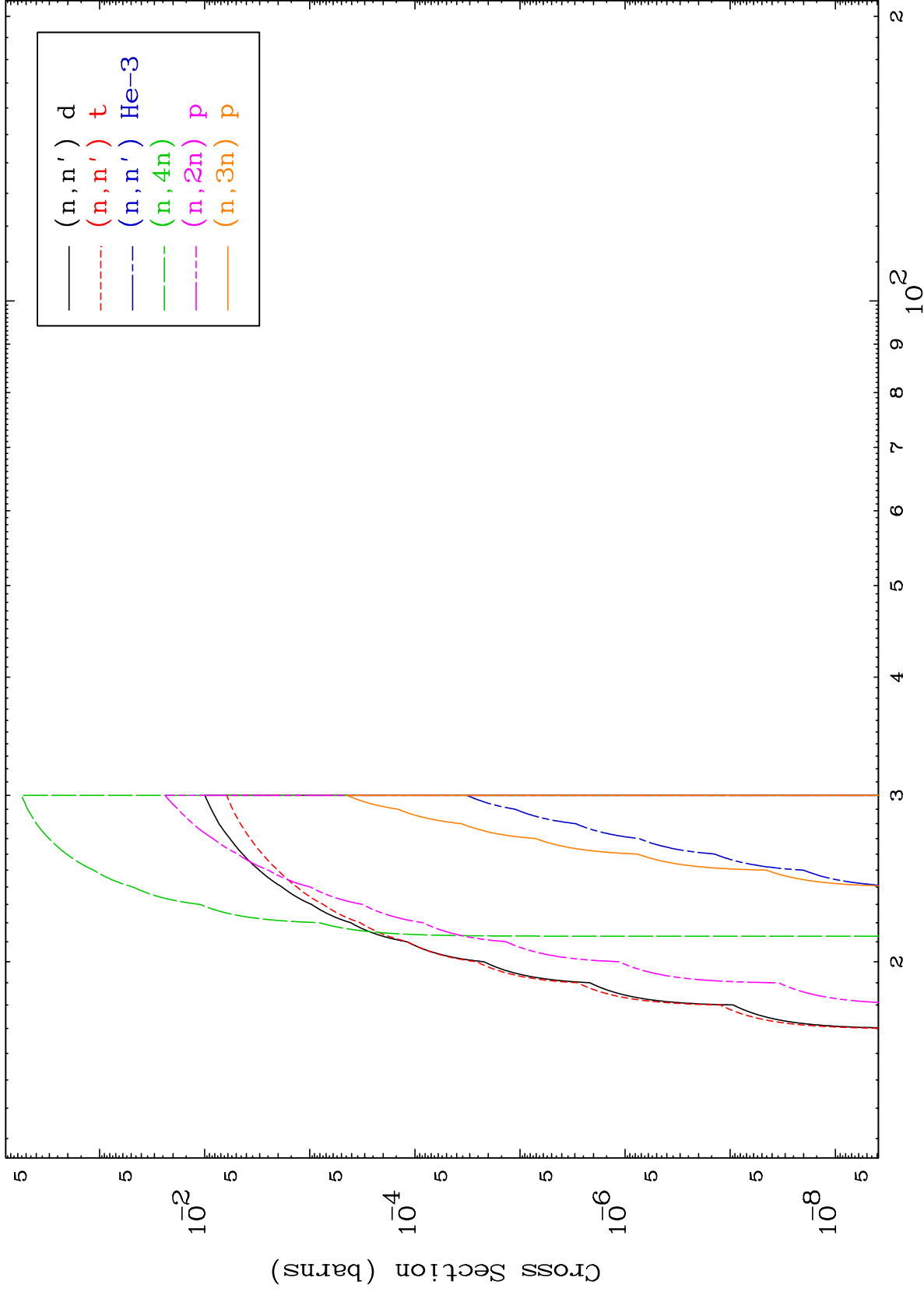


MAT 6037

Neutron Production
293 Kelvin Cross Sections

60-Nd-146

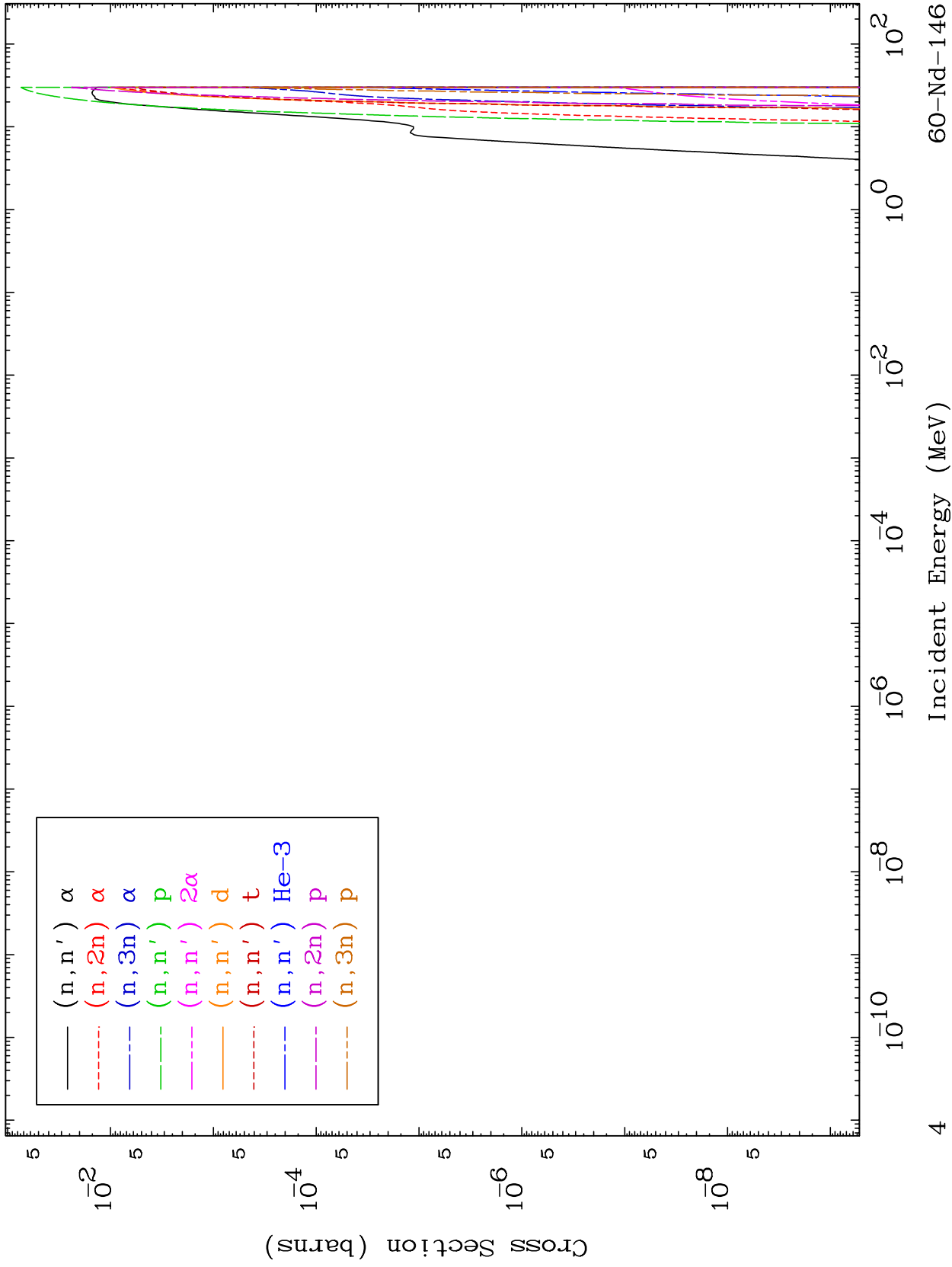




MAT 6037

Charged Particle
293 Kelvin Cross Sections

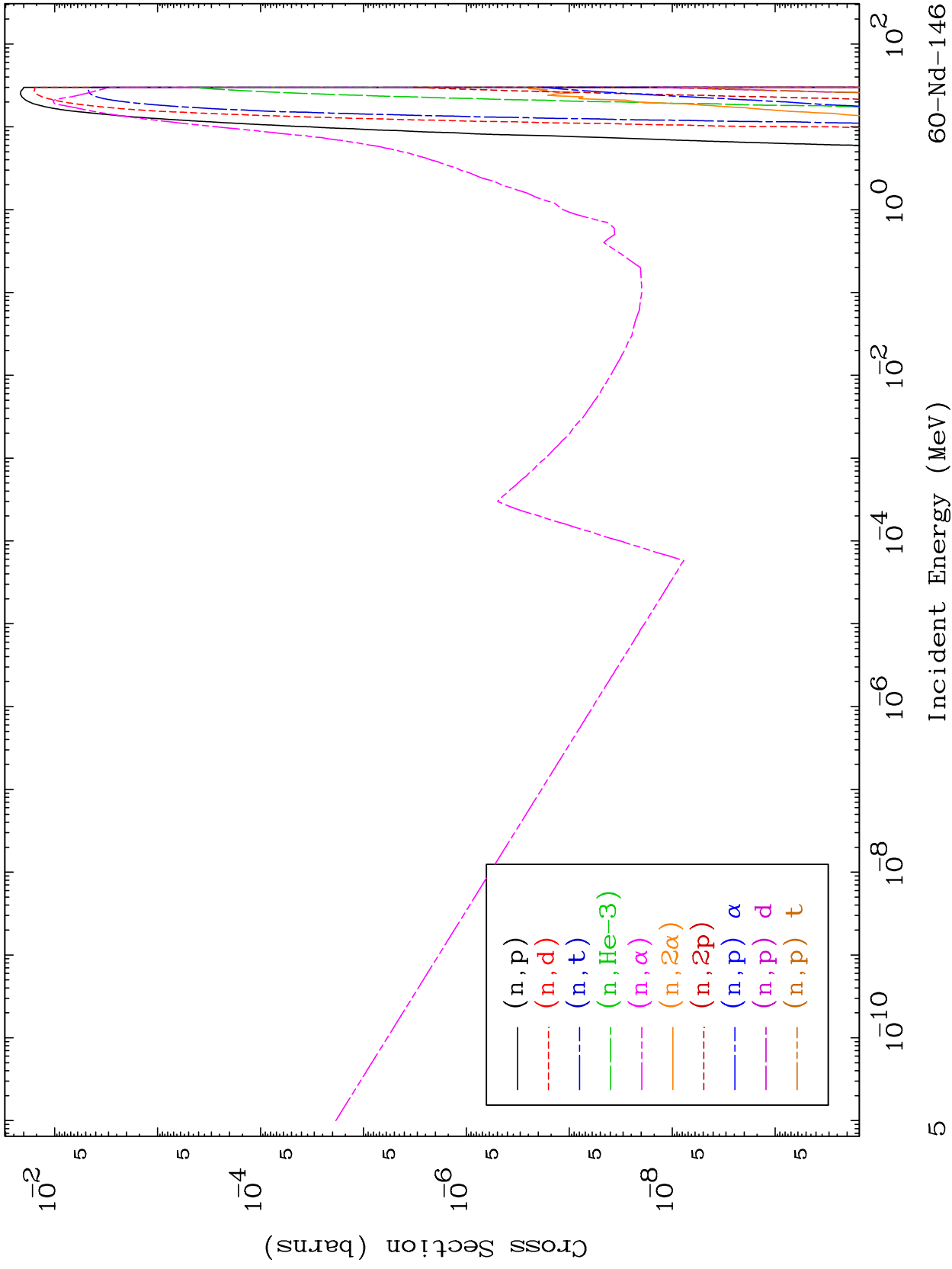
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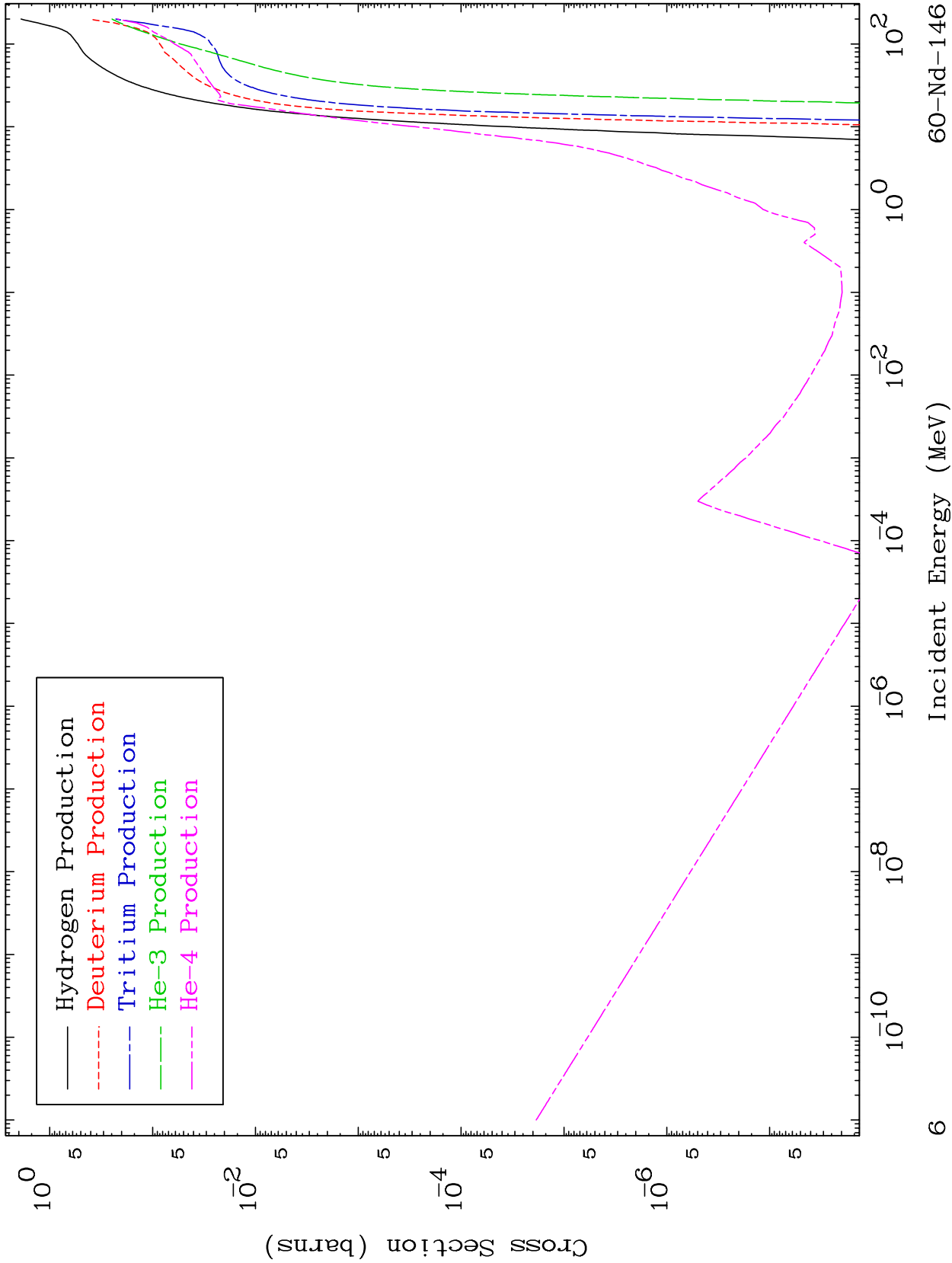


MAT 6037

Charged Particle
293 Kelvin Cross Sections

60-Nd-146

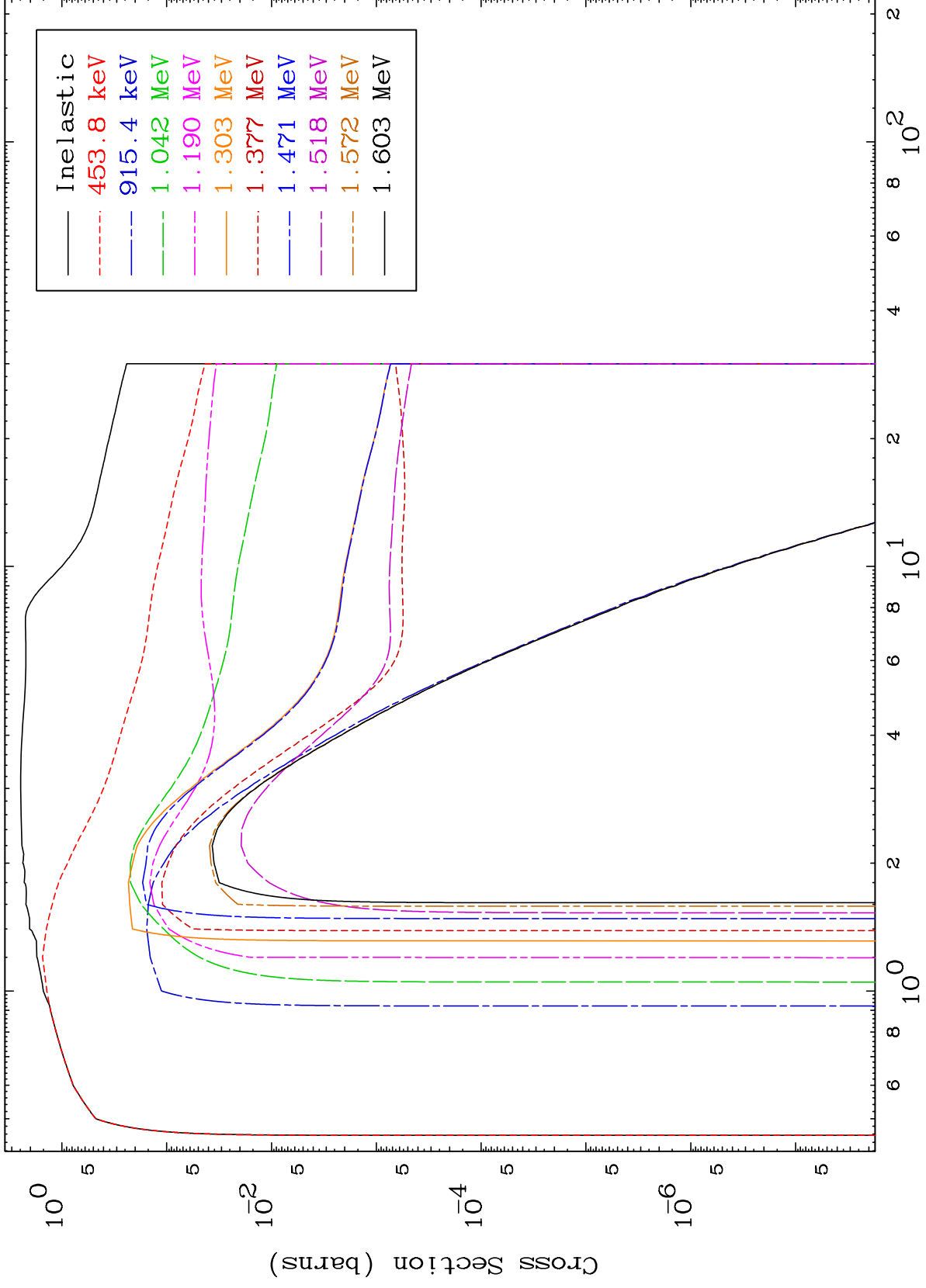




MAT 6037

(n,n') Level
293 Kelvin Cross Sections

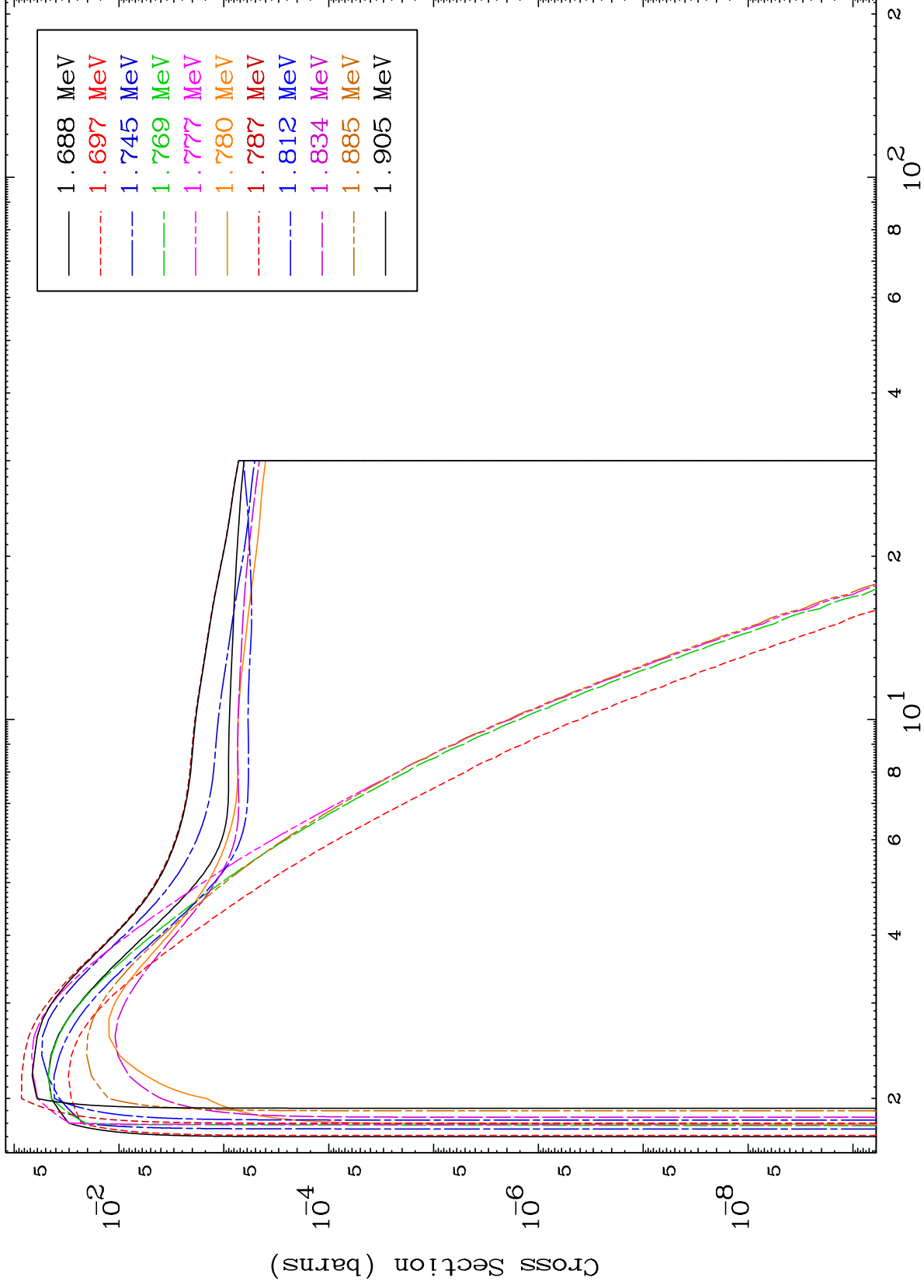
60-Nd-146



MAT 6037

(n,n') Level
293 Kelvin Cross Sections

60-Nd-146



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Incident Energy (MeV)

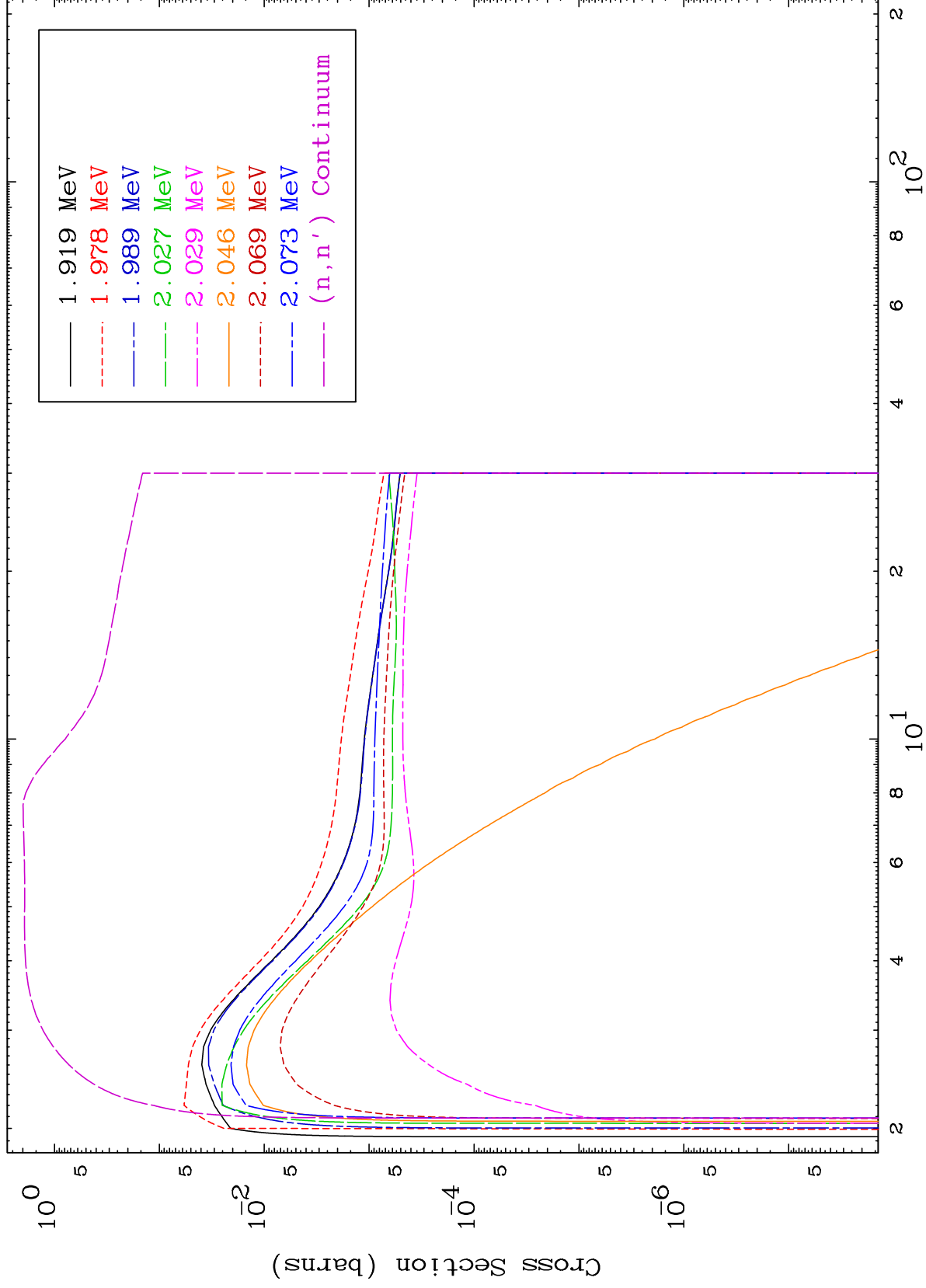
60-Nd-146

MAT 6037

(n,n') Level

60-Nd-146

293 Kelvin Cross Sections



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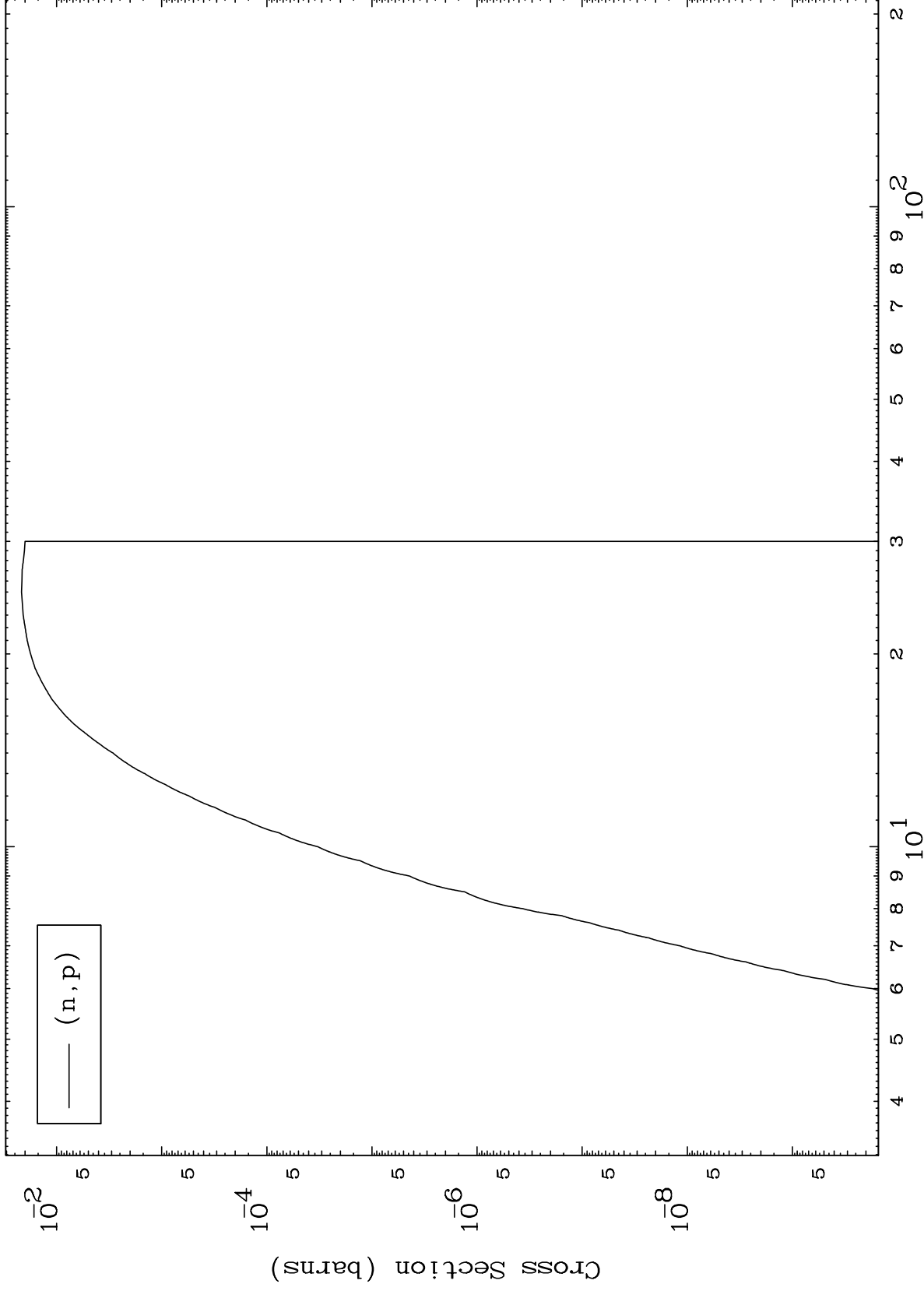
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-146



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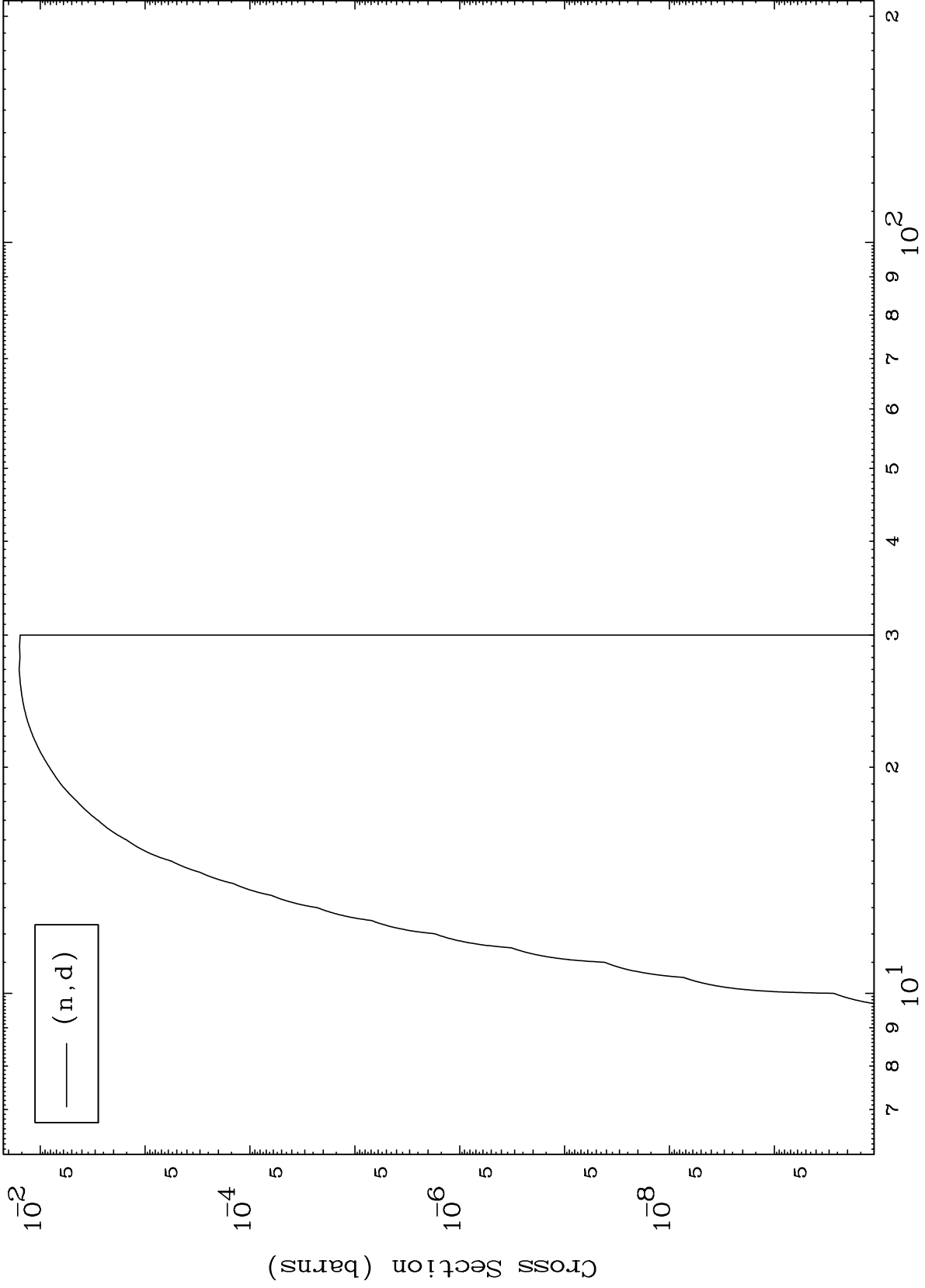
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n,d) Levels
293 Kelvin Cross Sections

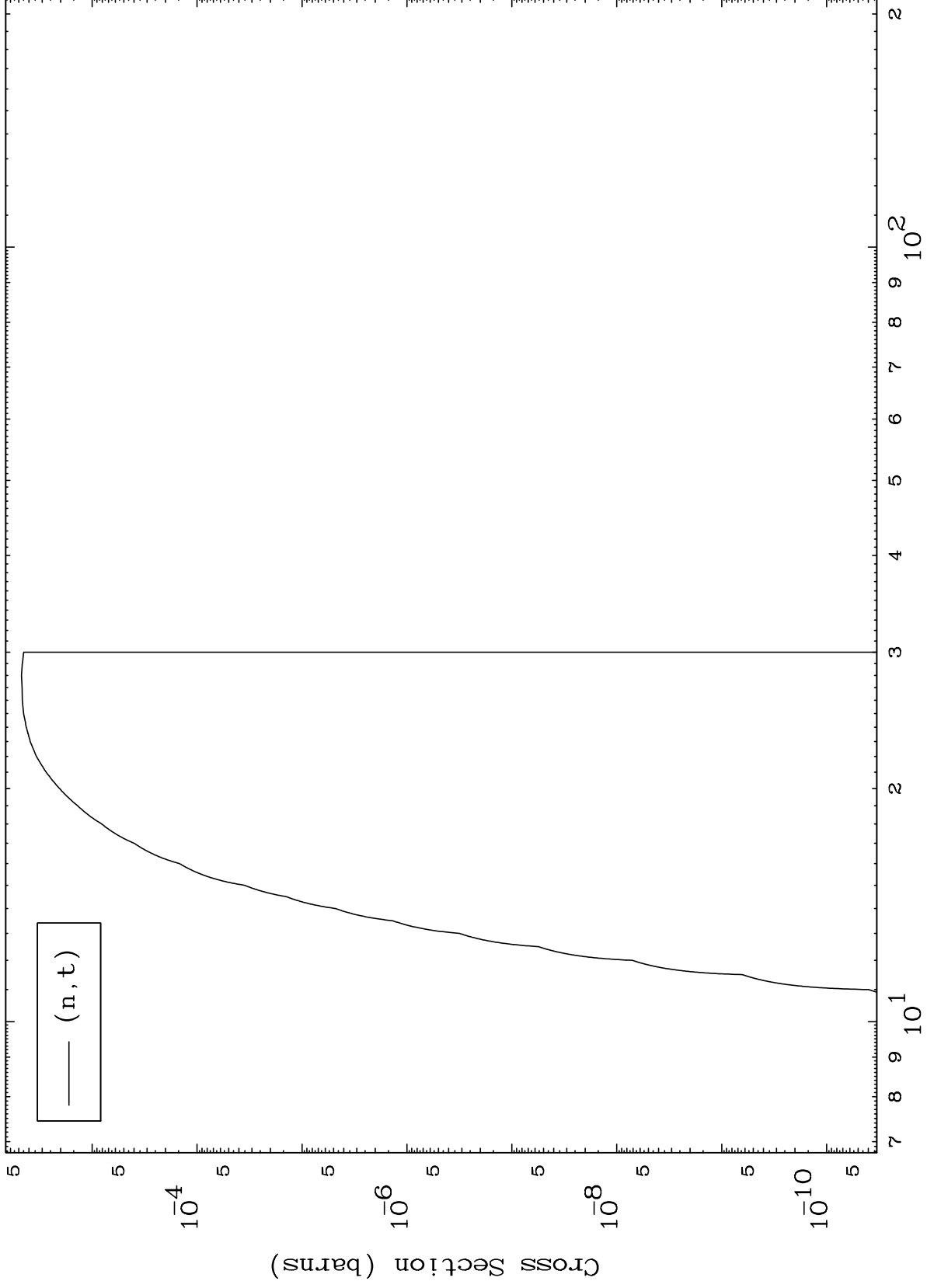
60-Nd-146



MAT 6037

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-146



12

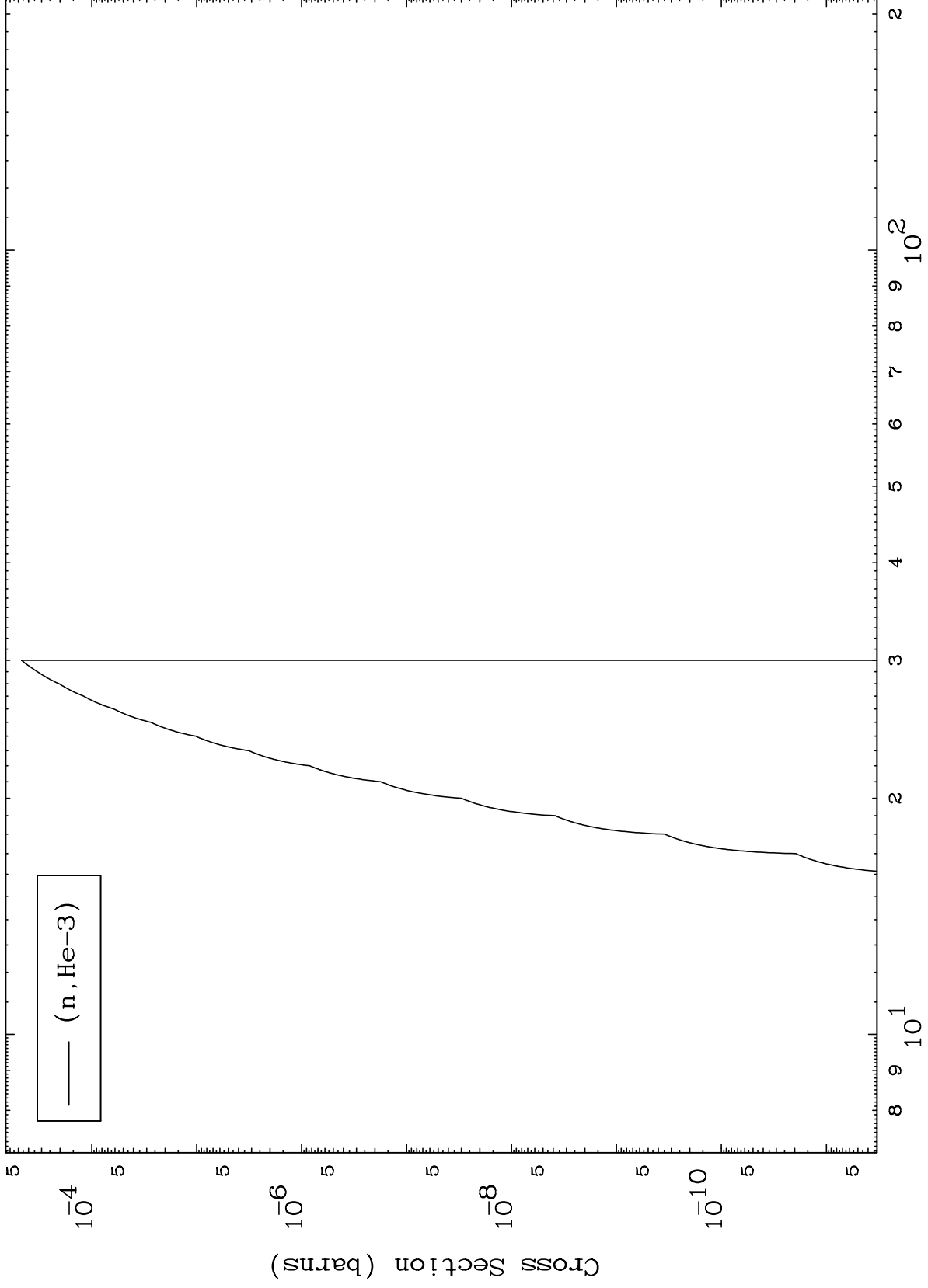
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-146



13

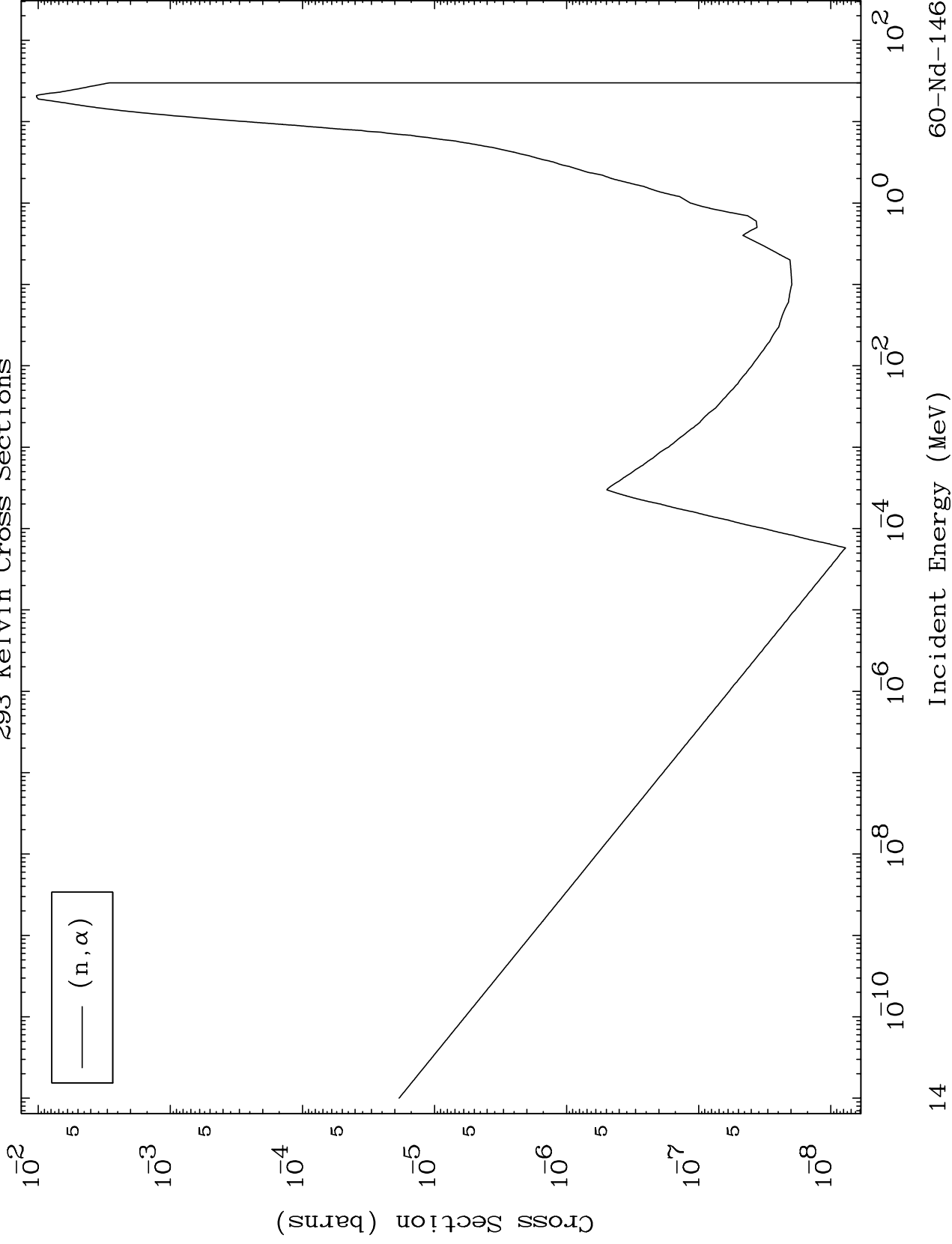
Incident Energy (MeV)

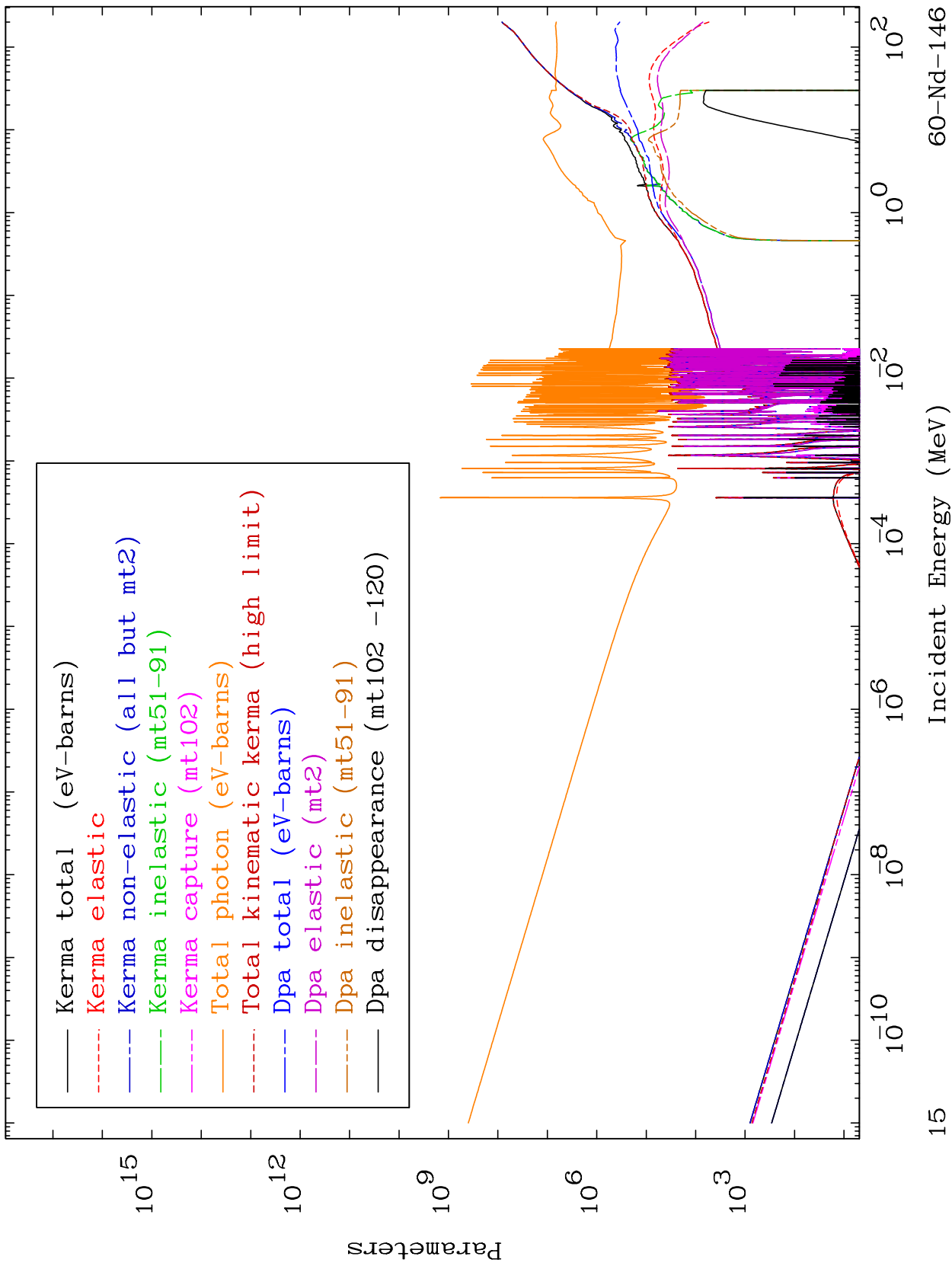
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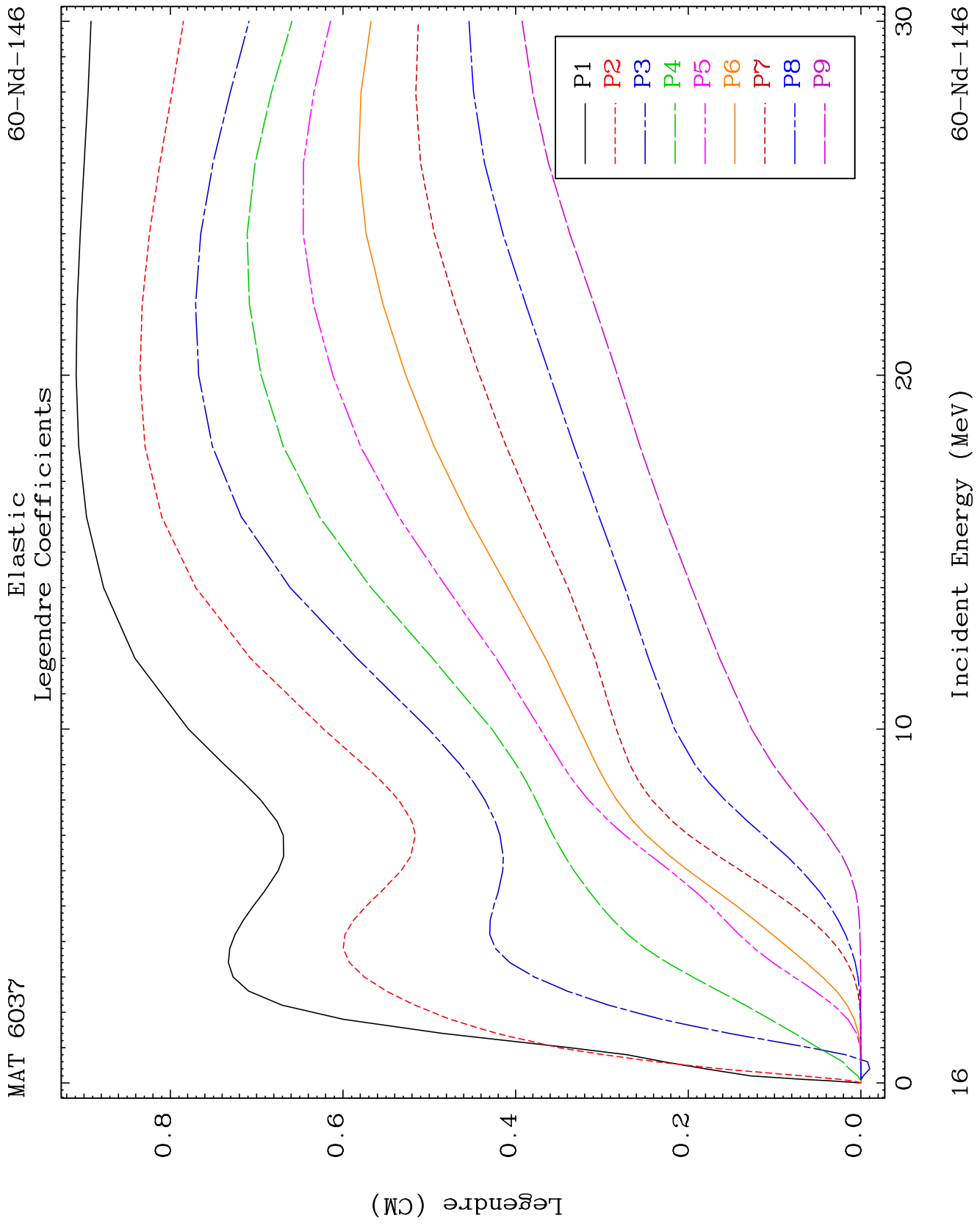
MAT 6037

(n,α) Levels
293 Kelvin Cross Sections

60-Nd-146



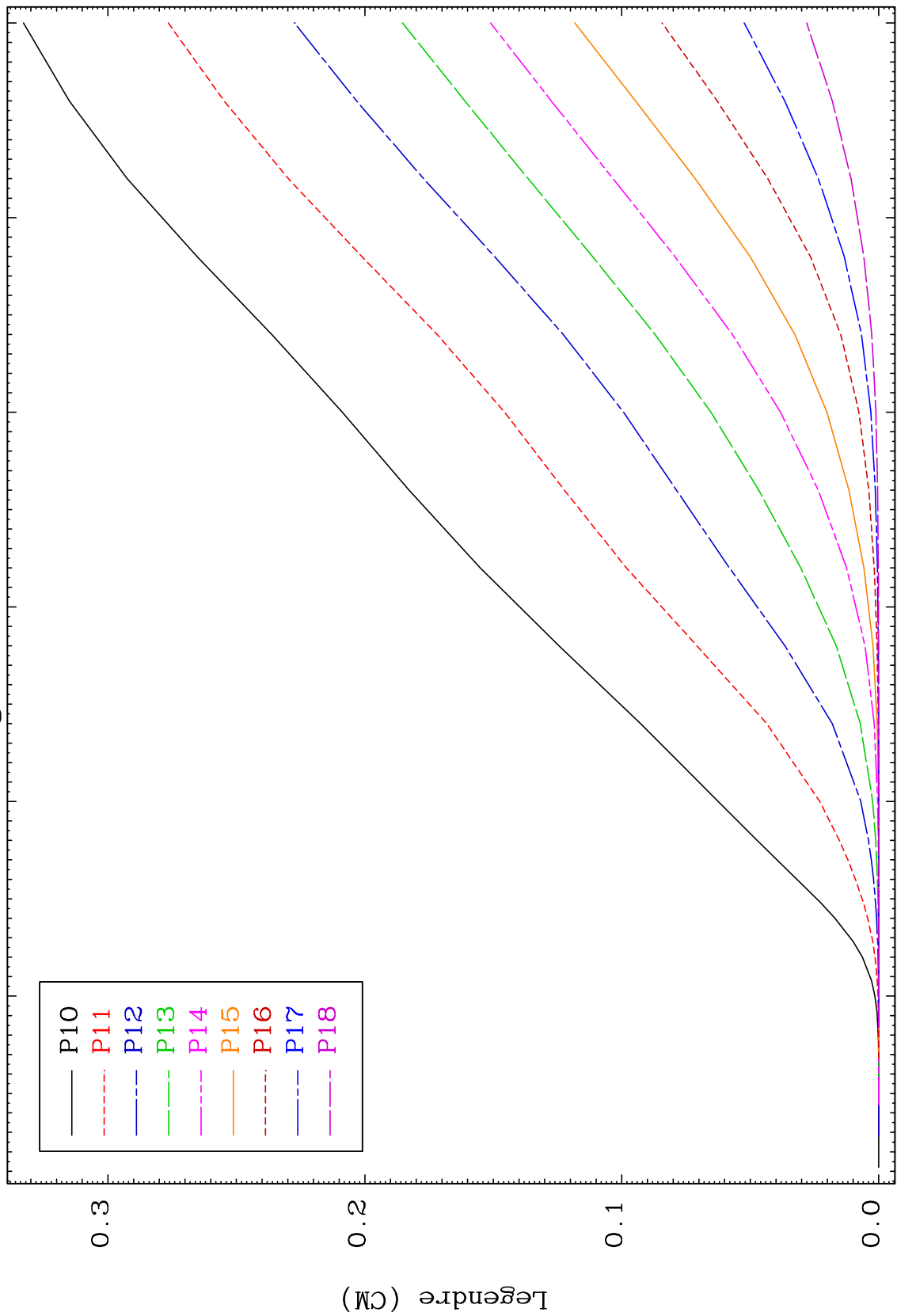




MAT 6037

Elastic Legendre Coefficients

60-Nd-146



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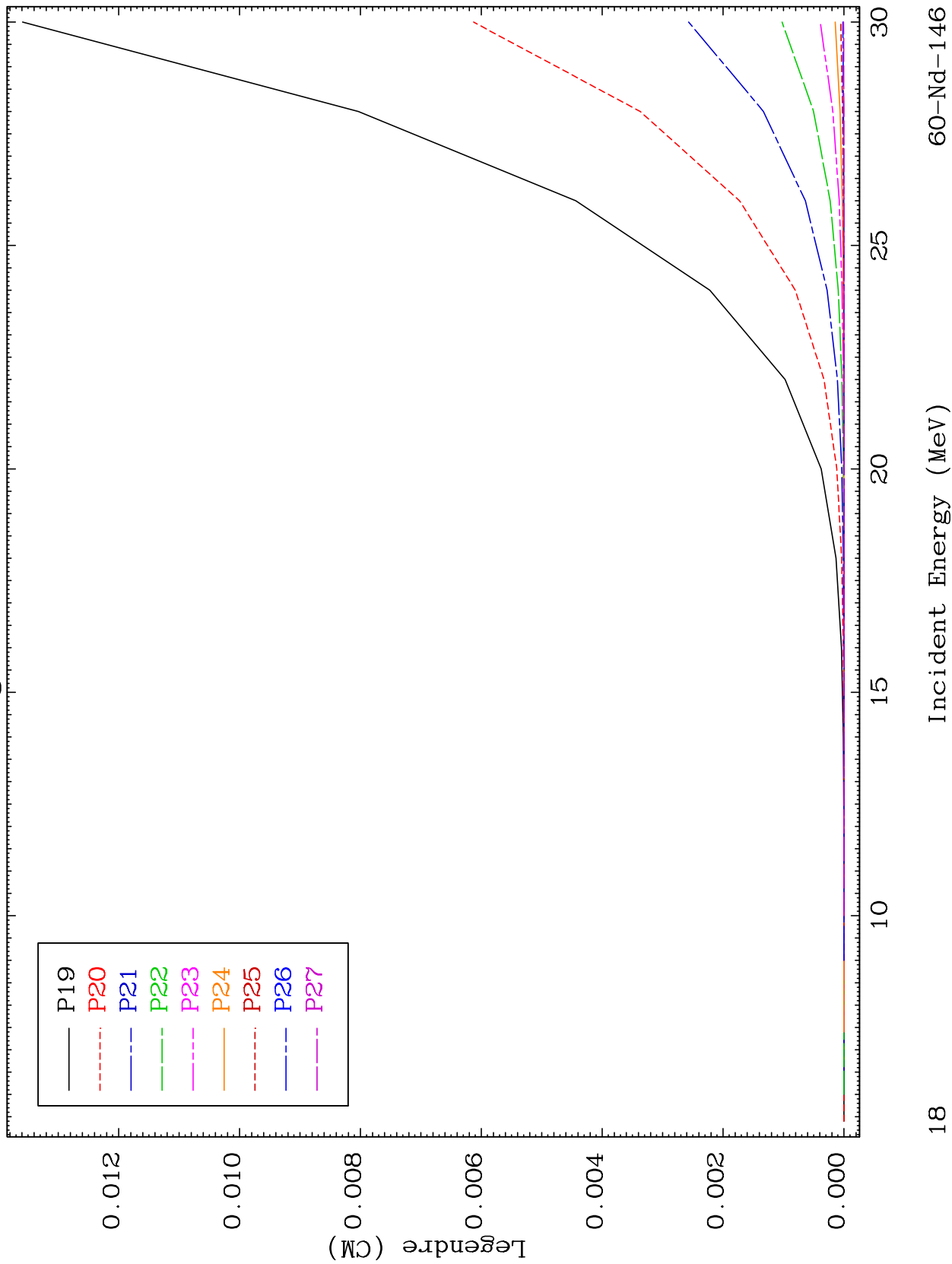
Incident Energy (MeV)

60-Nd-146

MAT 6037

Elastic Legendre Coefficients

⁶⁰Nd-146



18

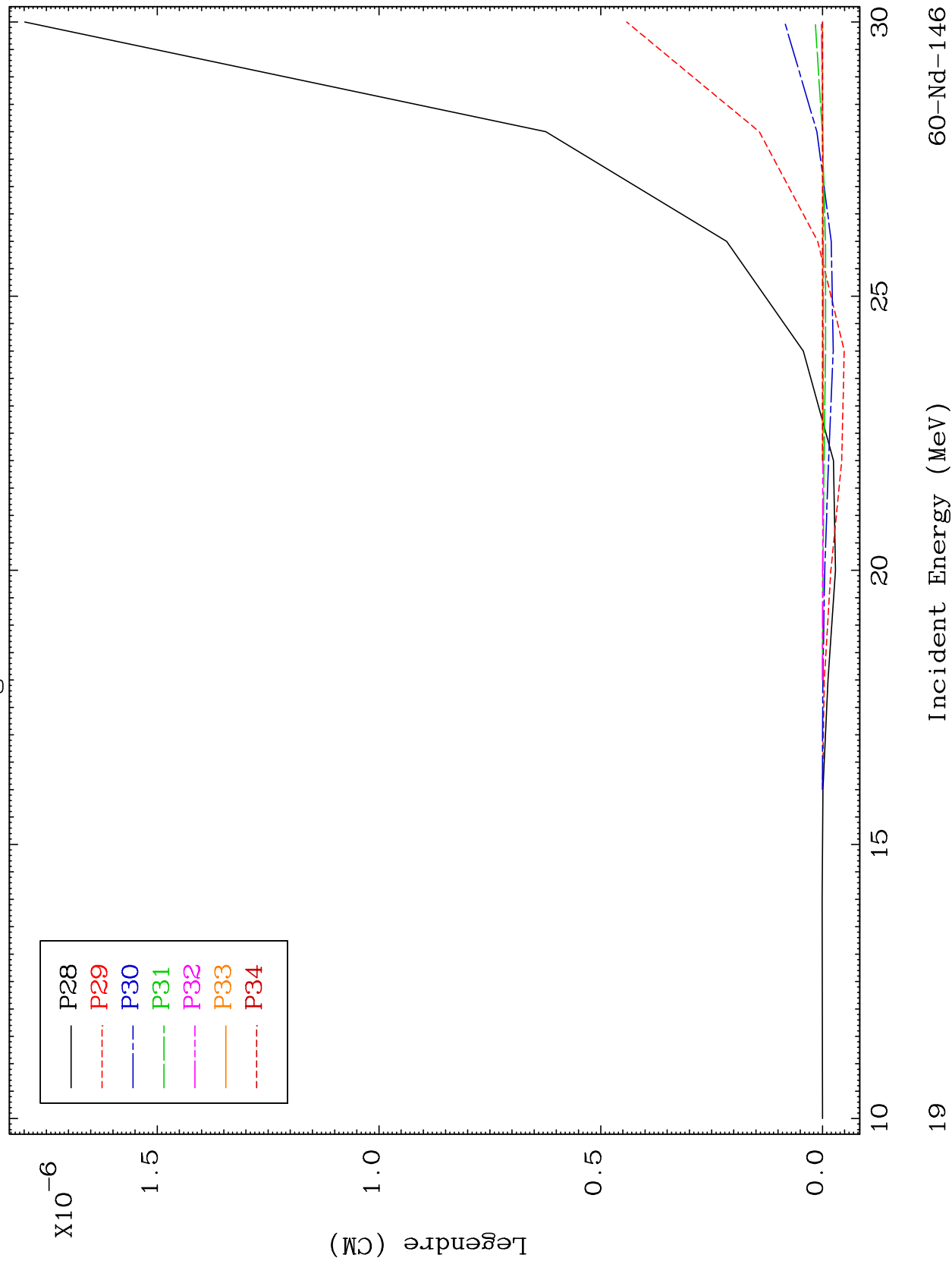
Incident Energy (MeV)

⁶⁰Nd-146

MAT 6037

Elastic Legendre Coefficients

⁶⁰Nd-146



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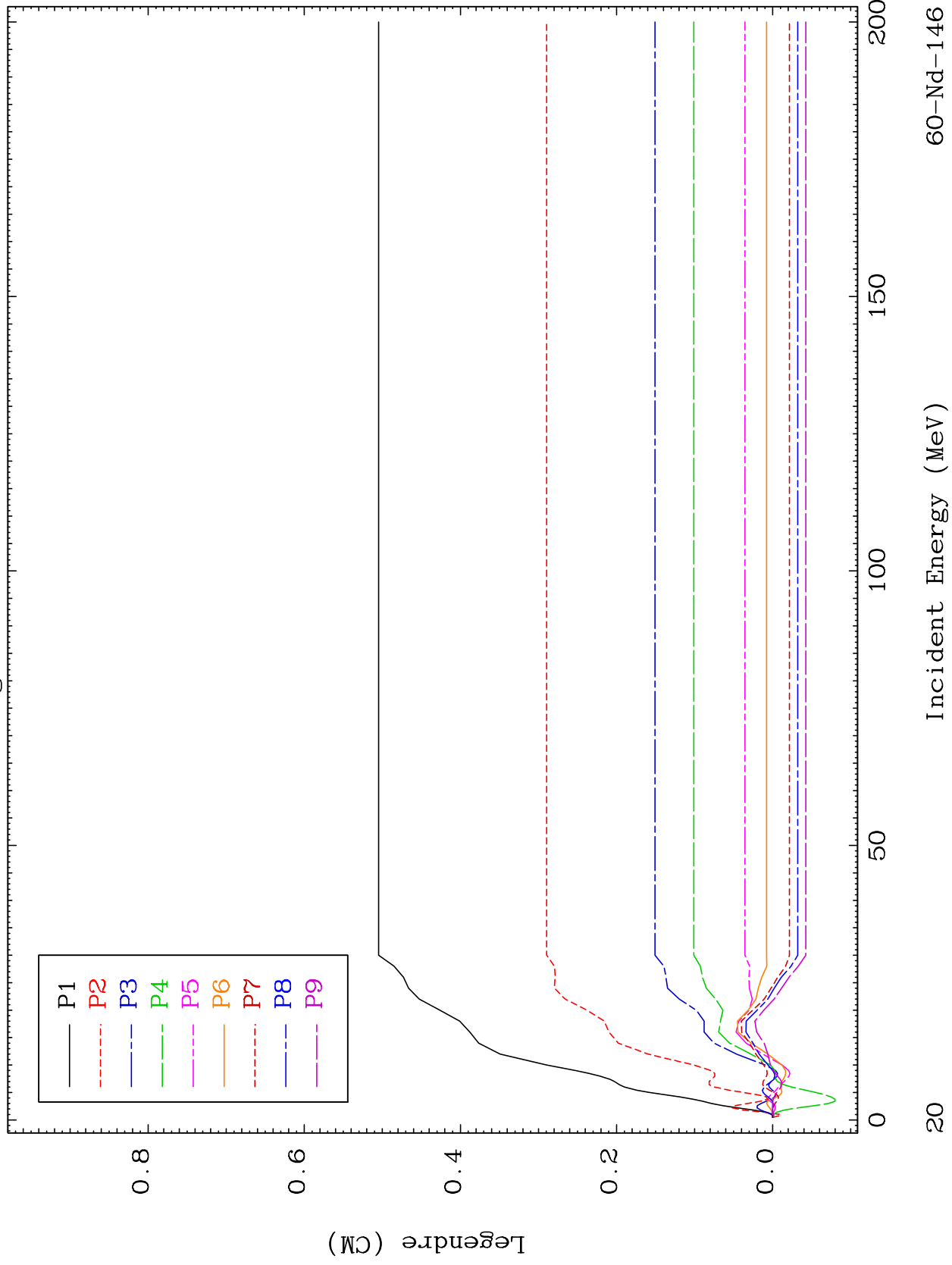
Incident Energy (MeV)

⁶⁰Nd-146

MAT 6037

453.8 keV (n,n') Level
Legendre Coefficients

60-Nd-146



60-Nd-146

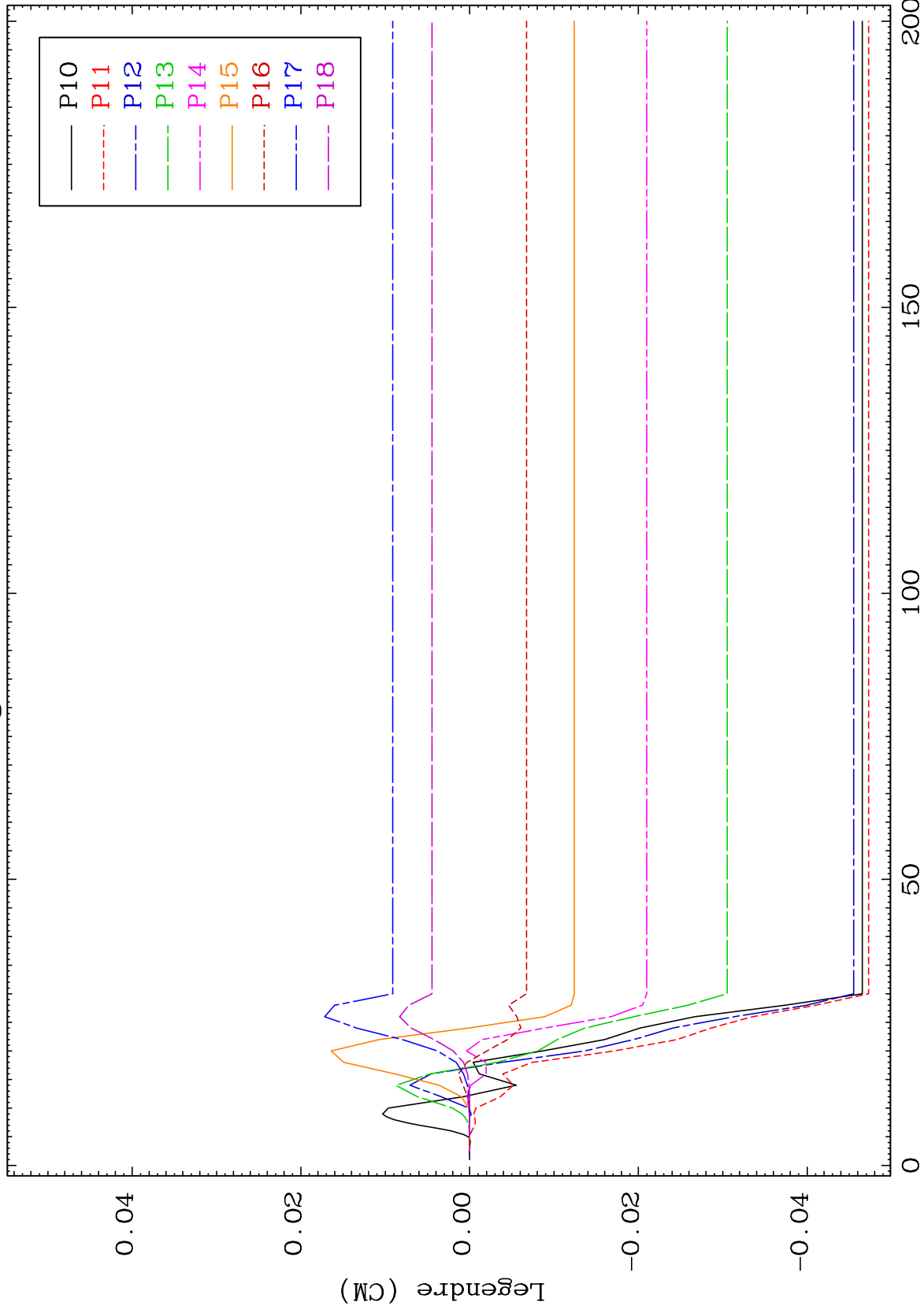
Incident Energy (MeV)

0

MAT 6037

453.8 keV (n,n') Level
Legendre Coefficients

60-Nd-146



21

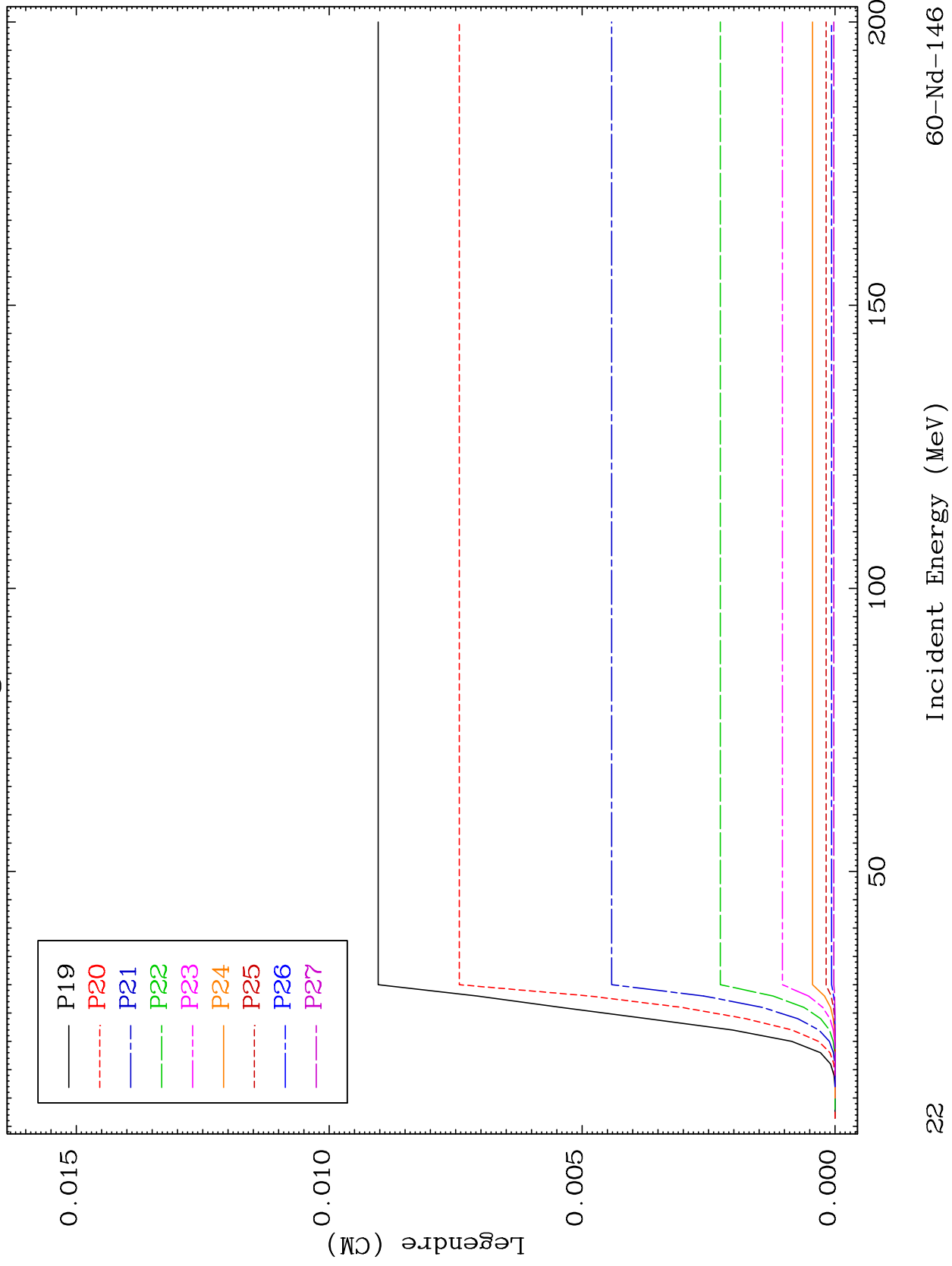
Incident Energy (MeV)

60-Nd-146

MAT 6037

453.8 keV (n, n') Level
Legendre Coefficients

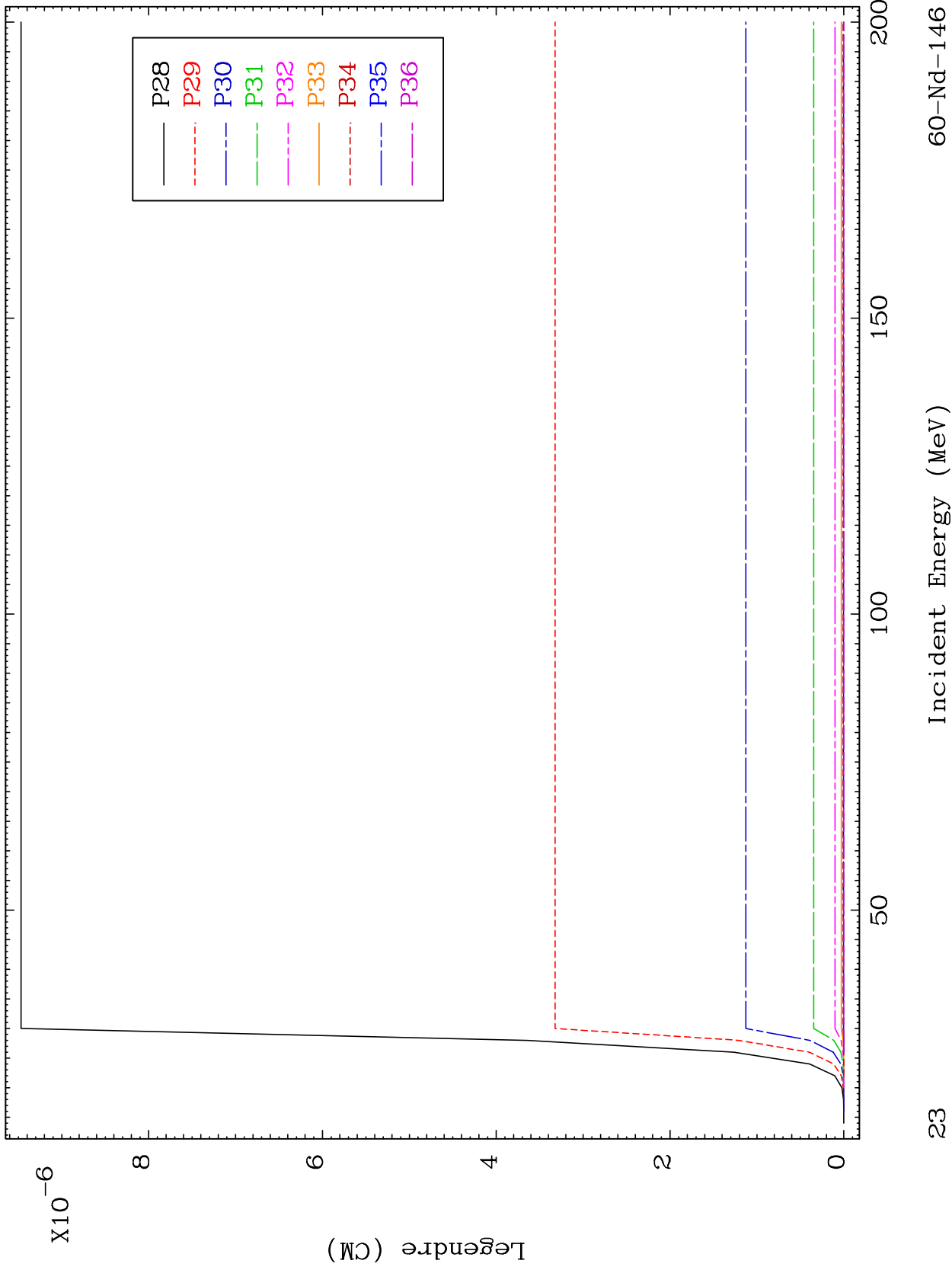
60-Nd-146



MAT 6037

453.8 keV (n,n') Level
Legendre Coefficients

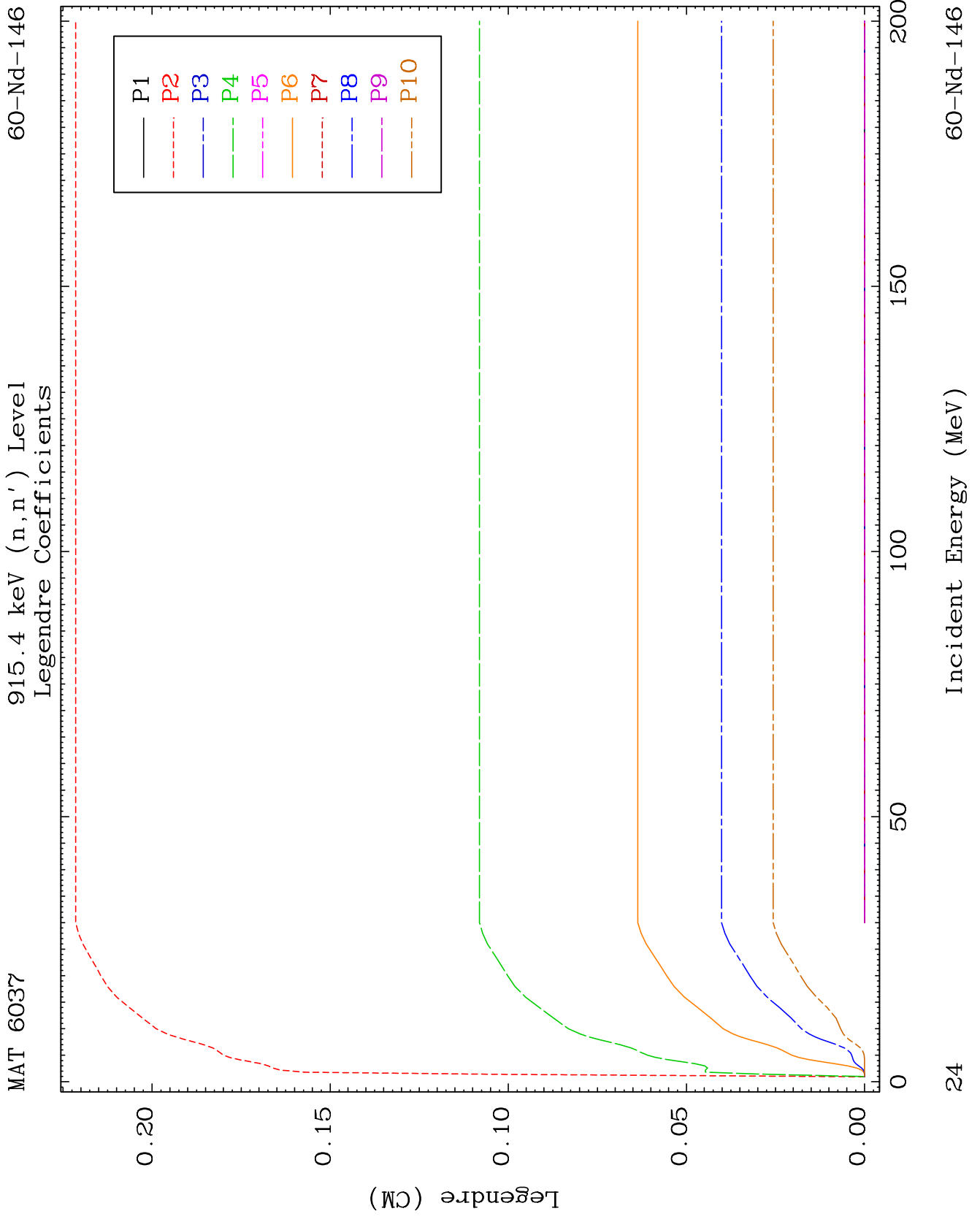
60-Nd-146

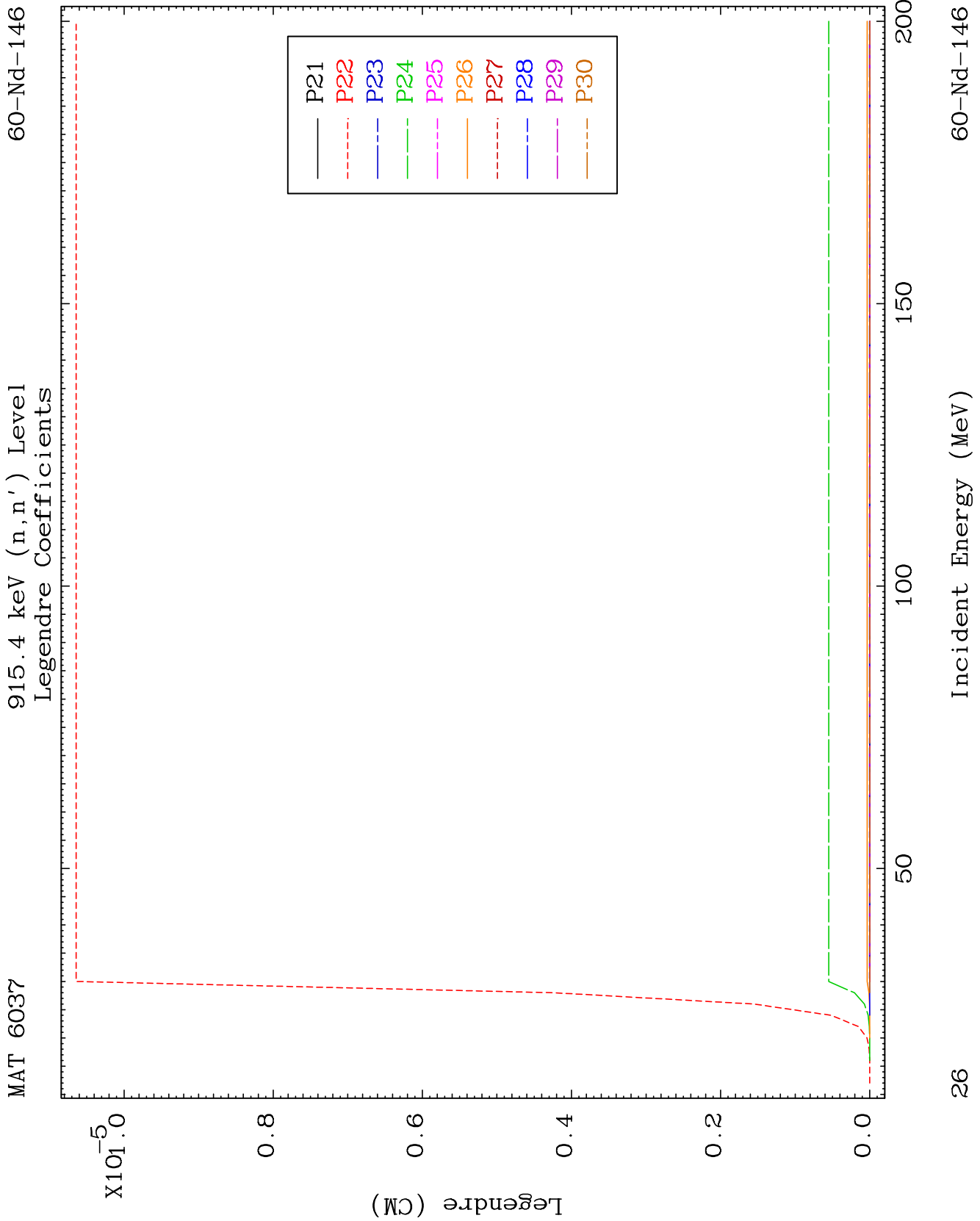


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Incident Energy (MeV)

60-Nd-146

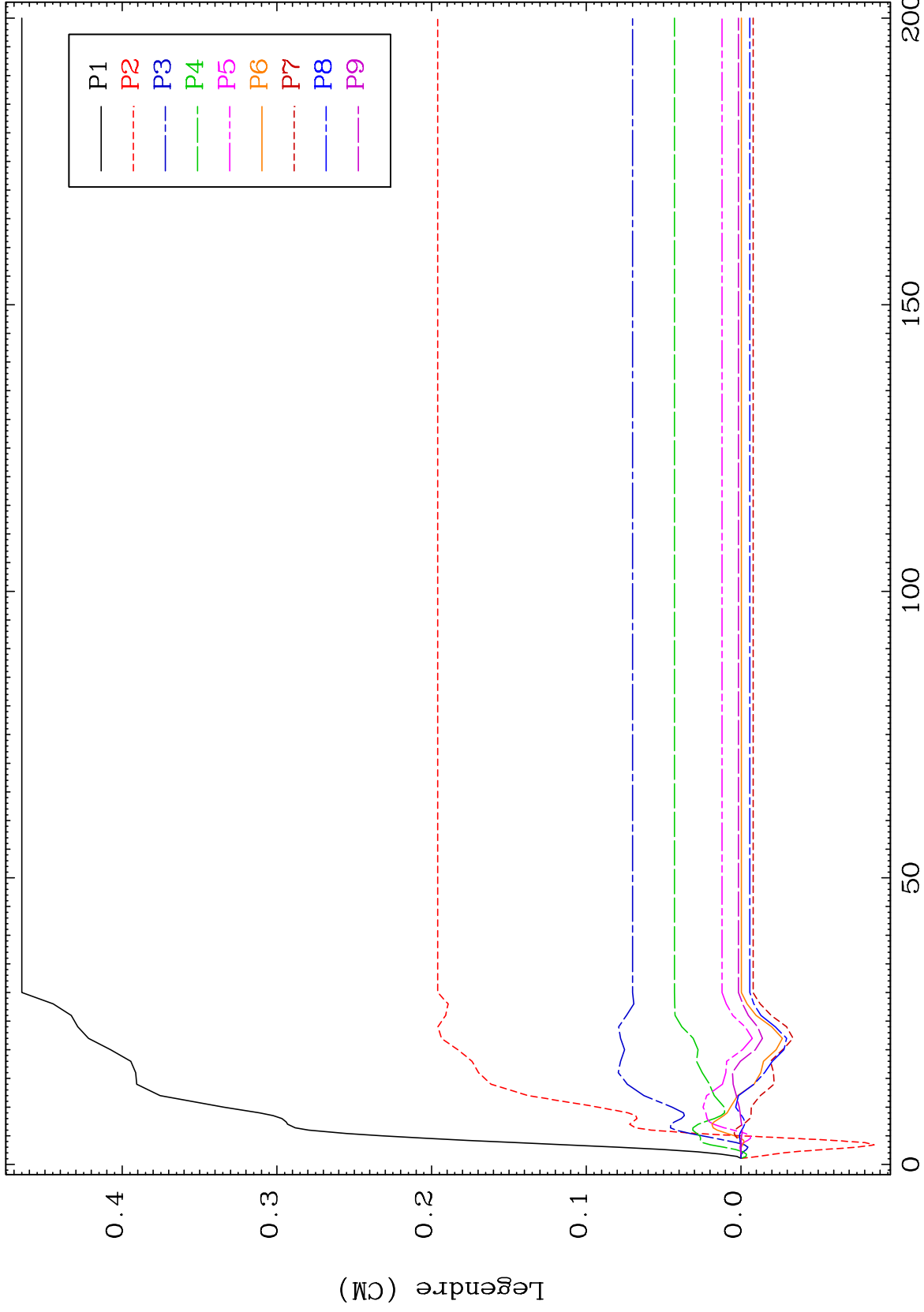




MAT 6037

1.042 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



27

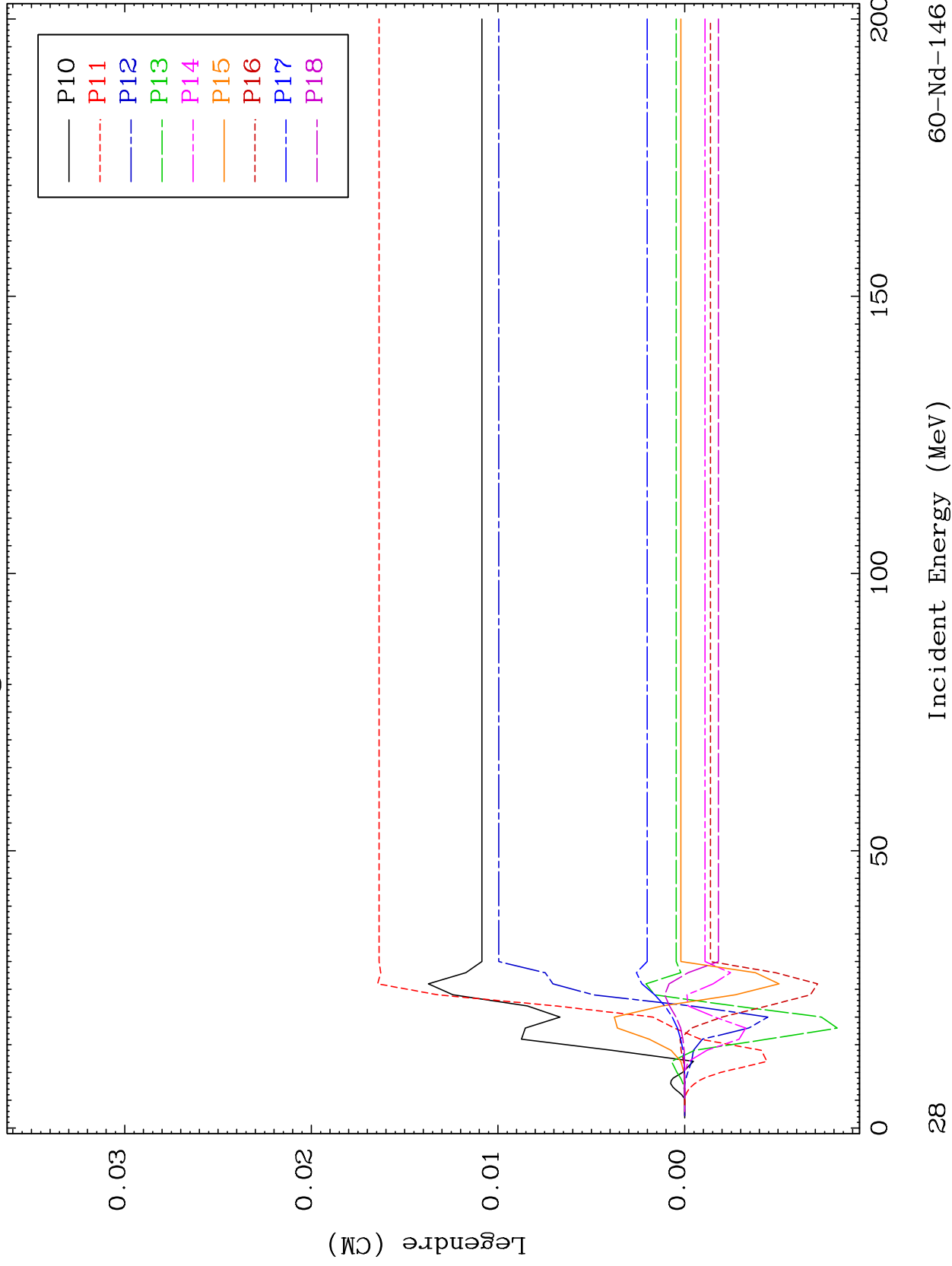
Incident Energy (MeV)

60-Nd-146

MAT 6037

1.042 MeV (n,n') Level
Legendre Coefficients

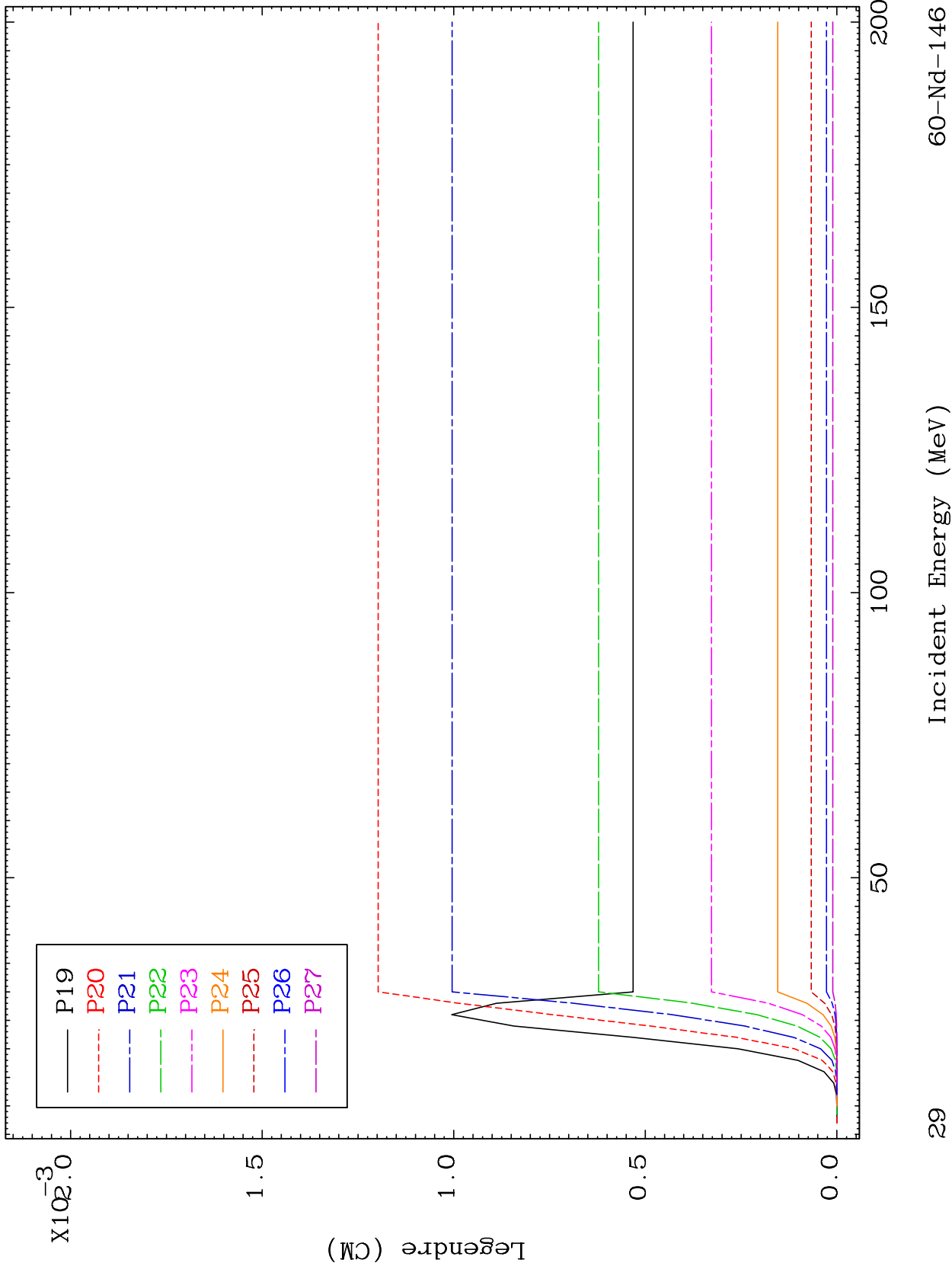
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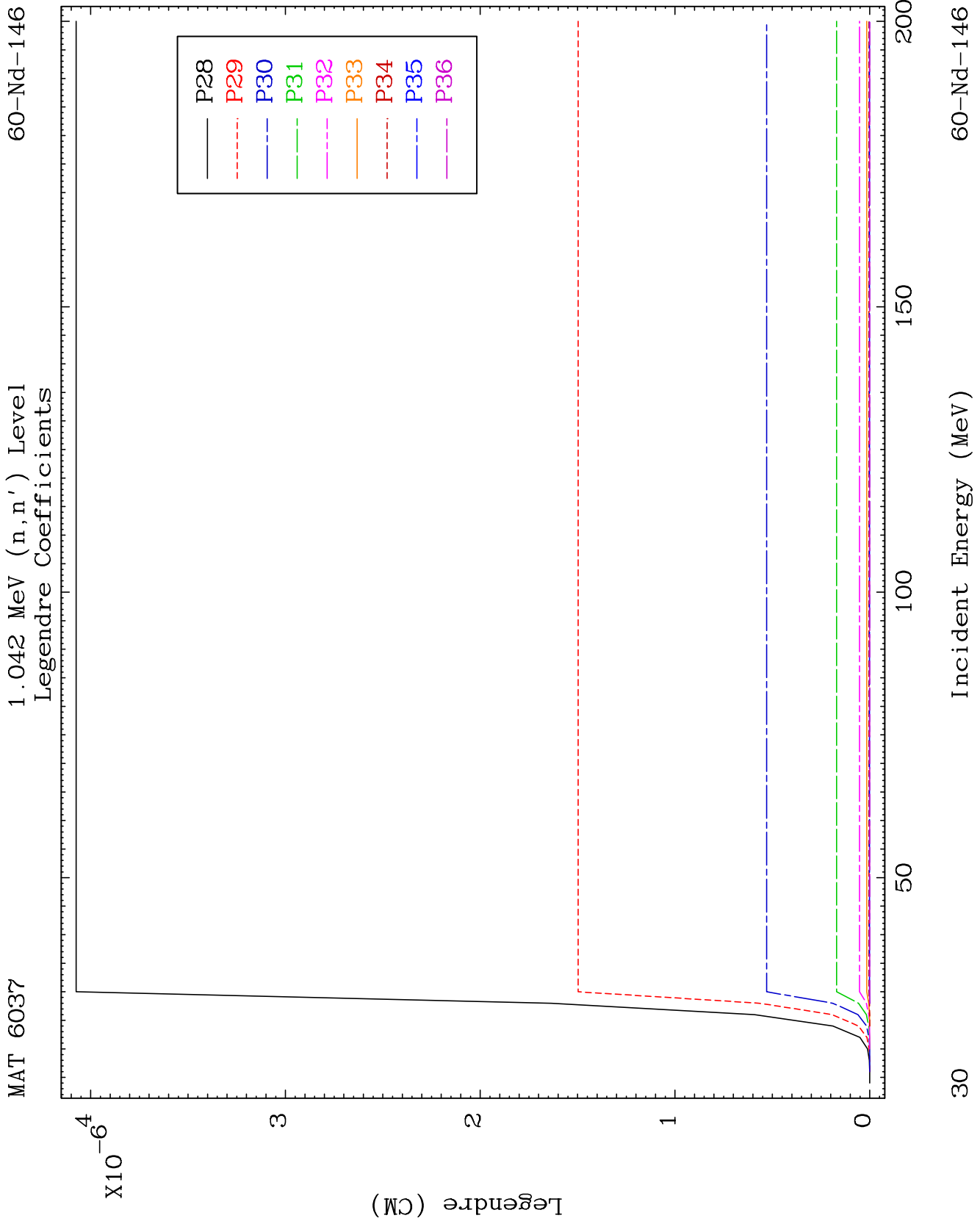


60-Nd-146

Incident Energy (MeV)

28

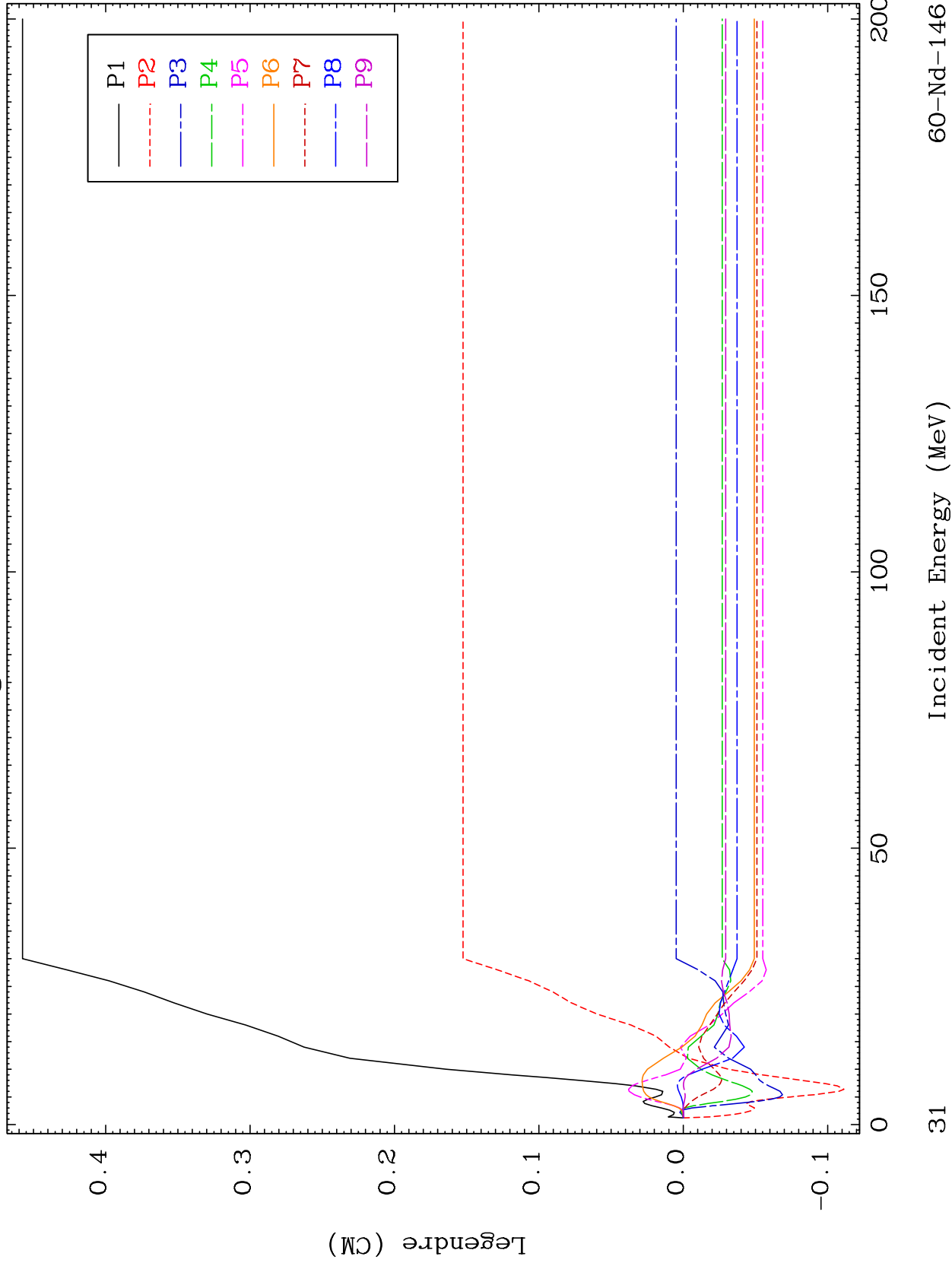




MAT 6037

1.190 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



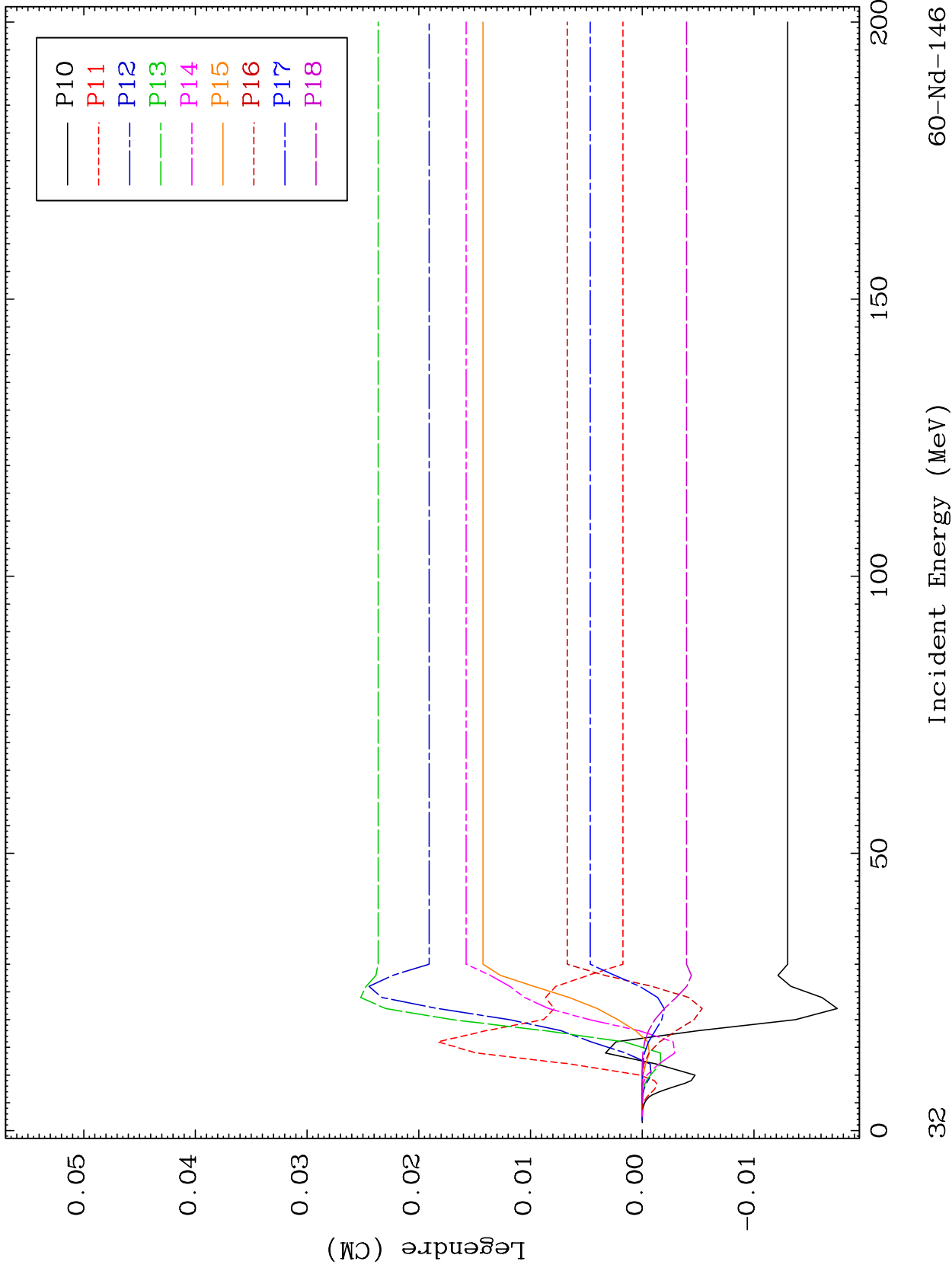
31

60-Nd-146

MAT 6037

1.190 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



60-Nd-146

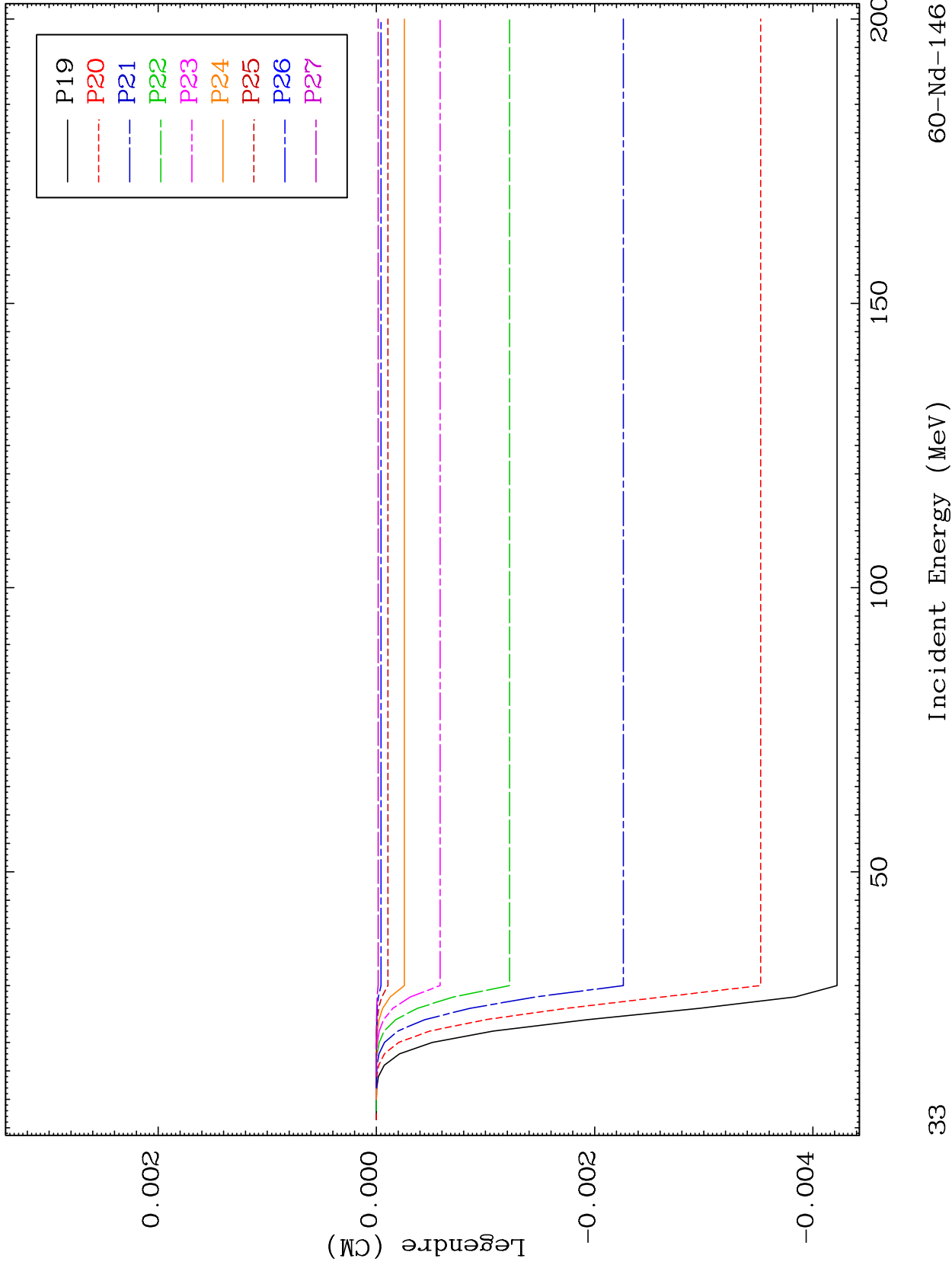
Incident Energy (MeV)

32

MAT 6037

1.190 MeV (n,n') Level
Legendre Coefficients

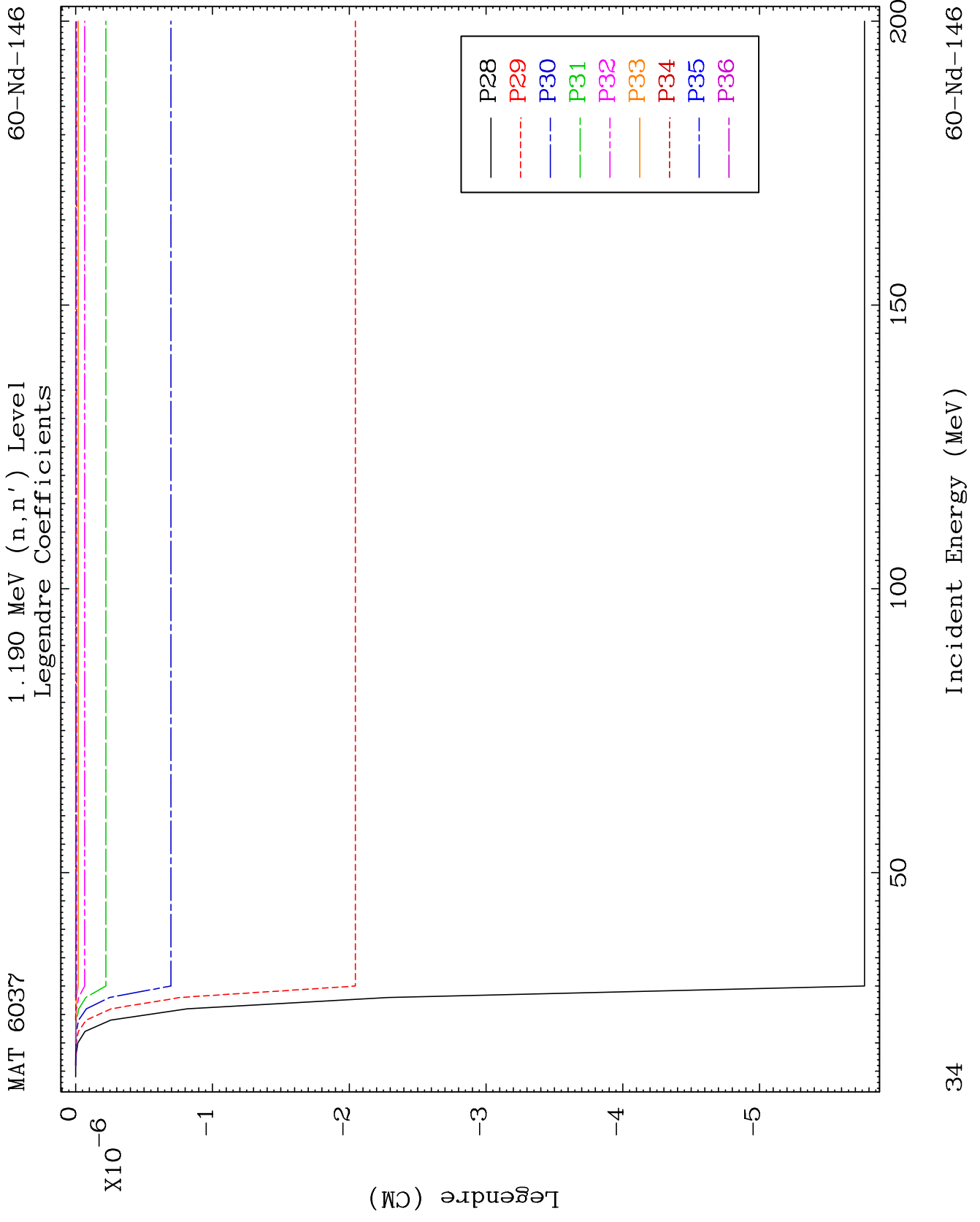
60-Nd-146



33

Incident Energy (MeV)

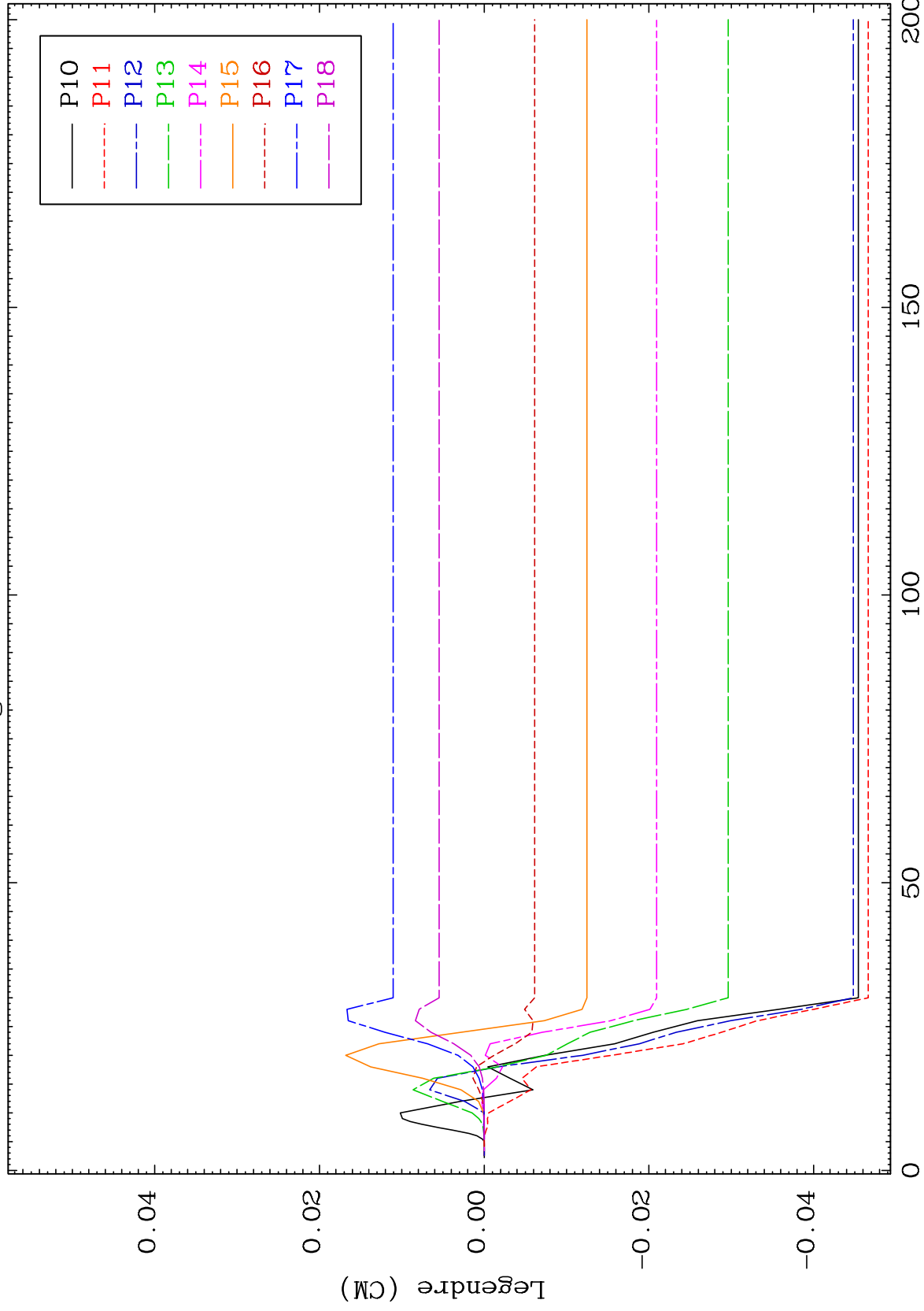
60-Nd-146



MAT 6037

1.303 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



36

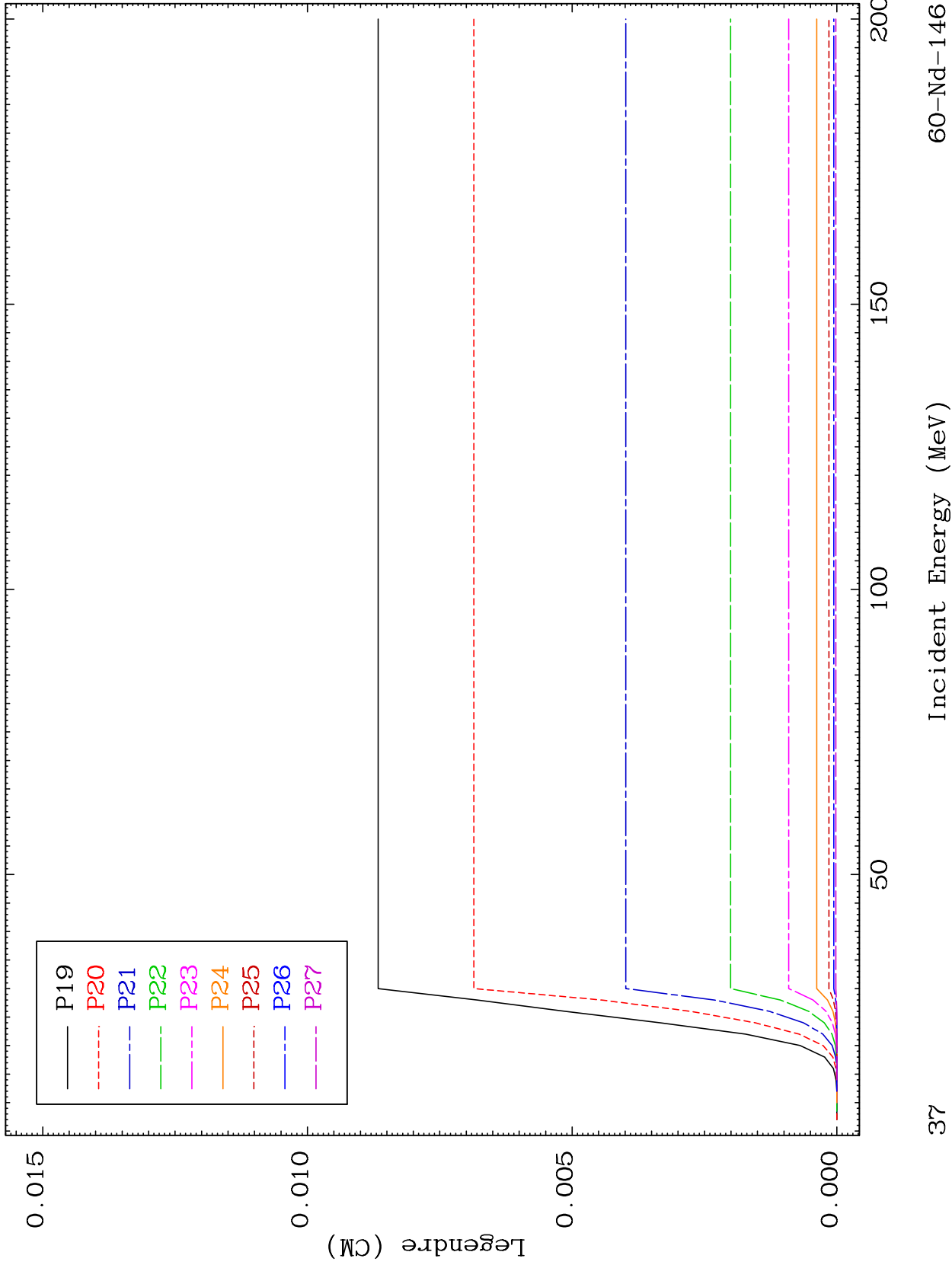
Incident Energy (MeV)

60-Nd-146

MAT 6037

1.303 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



37

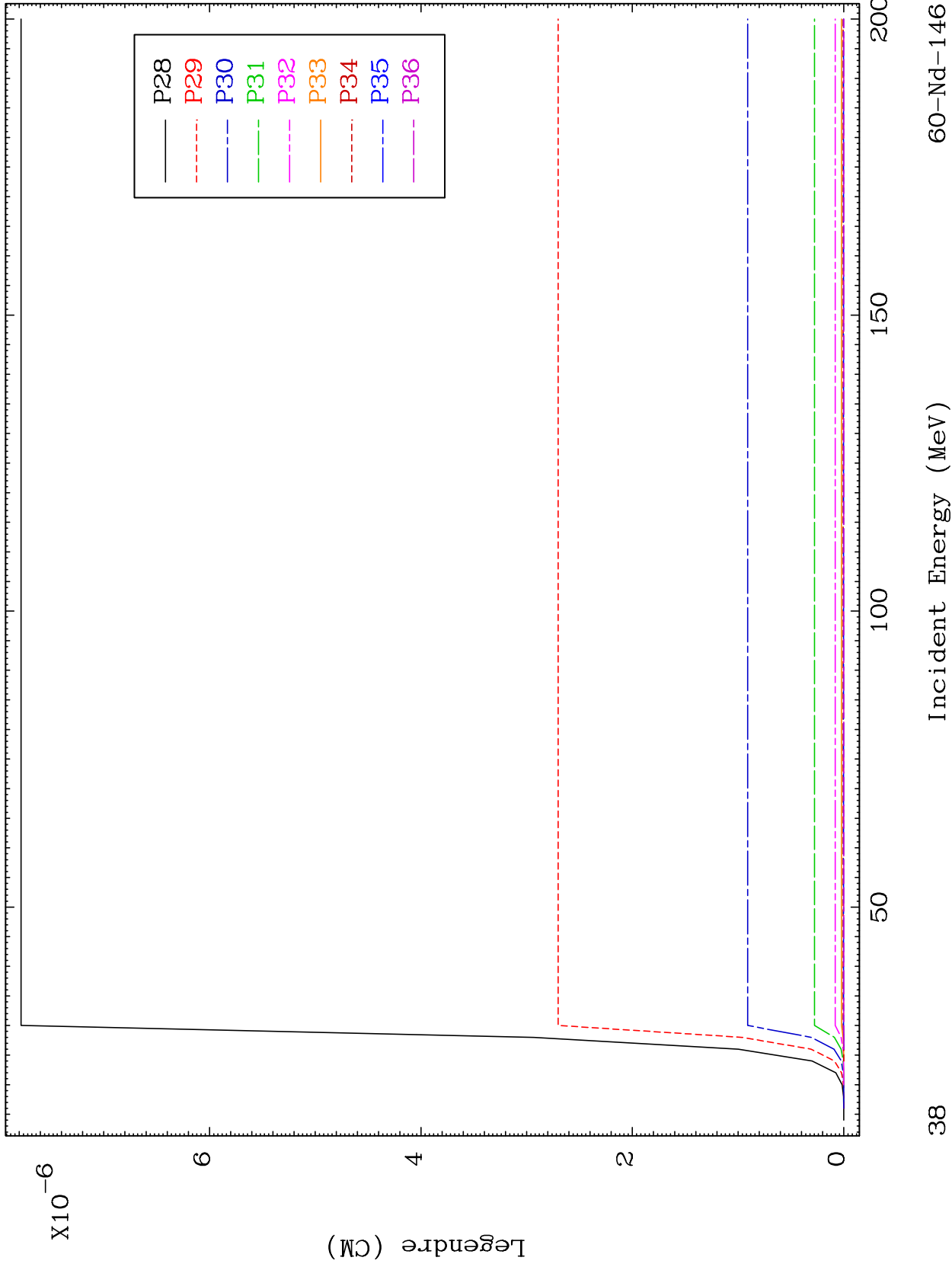
Incident Energy (MeV)

60-Nd-146

MAT 6037

1.303 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



38

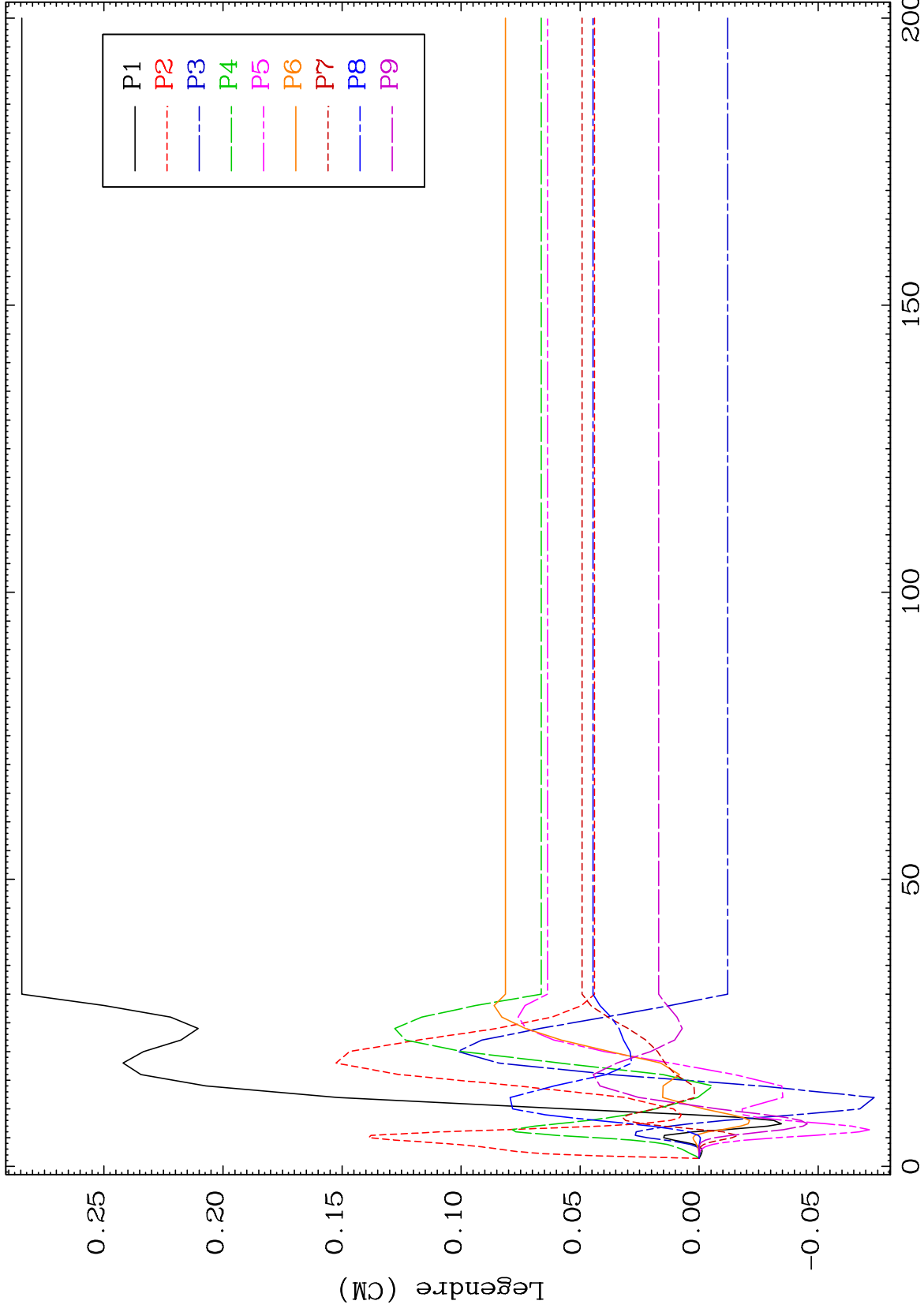
Incident Energy (MeV)

60-Nd-146

MAT 6037

1.377 MeV (n, n') Level
Legendre Coefficients

60-Nd-146



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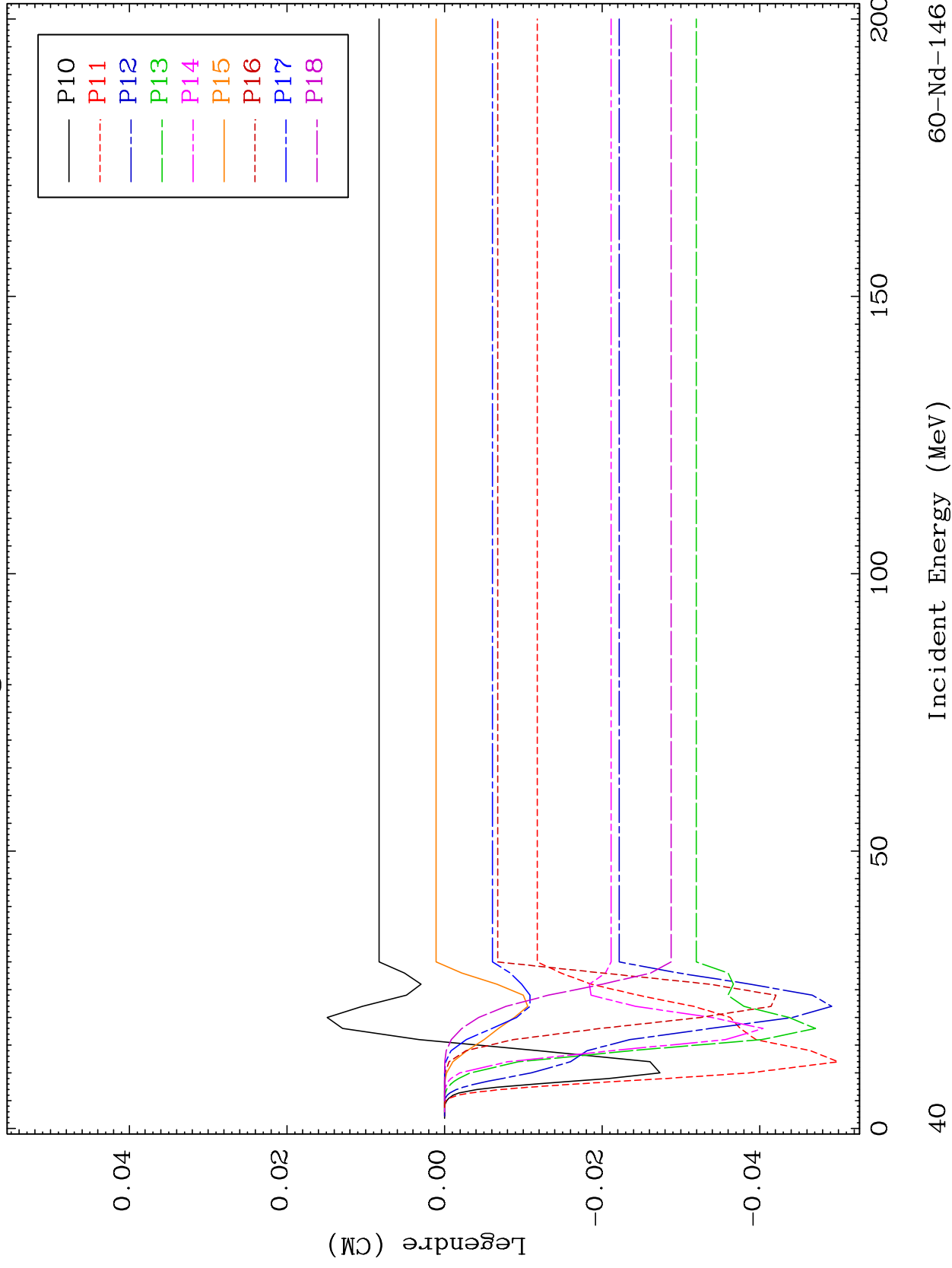
Incident Energy (MeV)

60-Nd-146

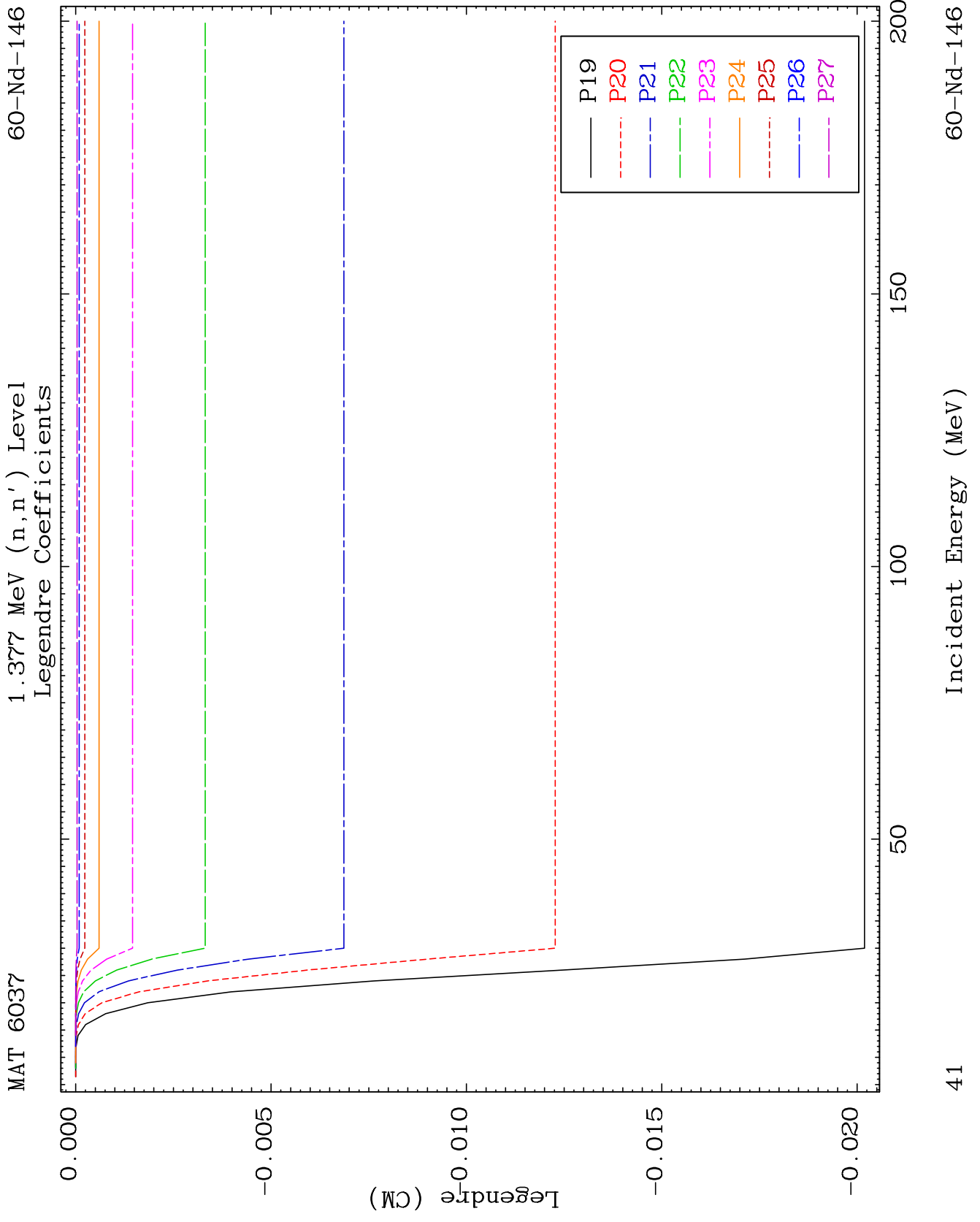
MAT 6037

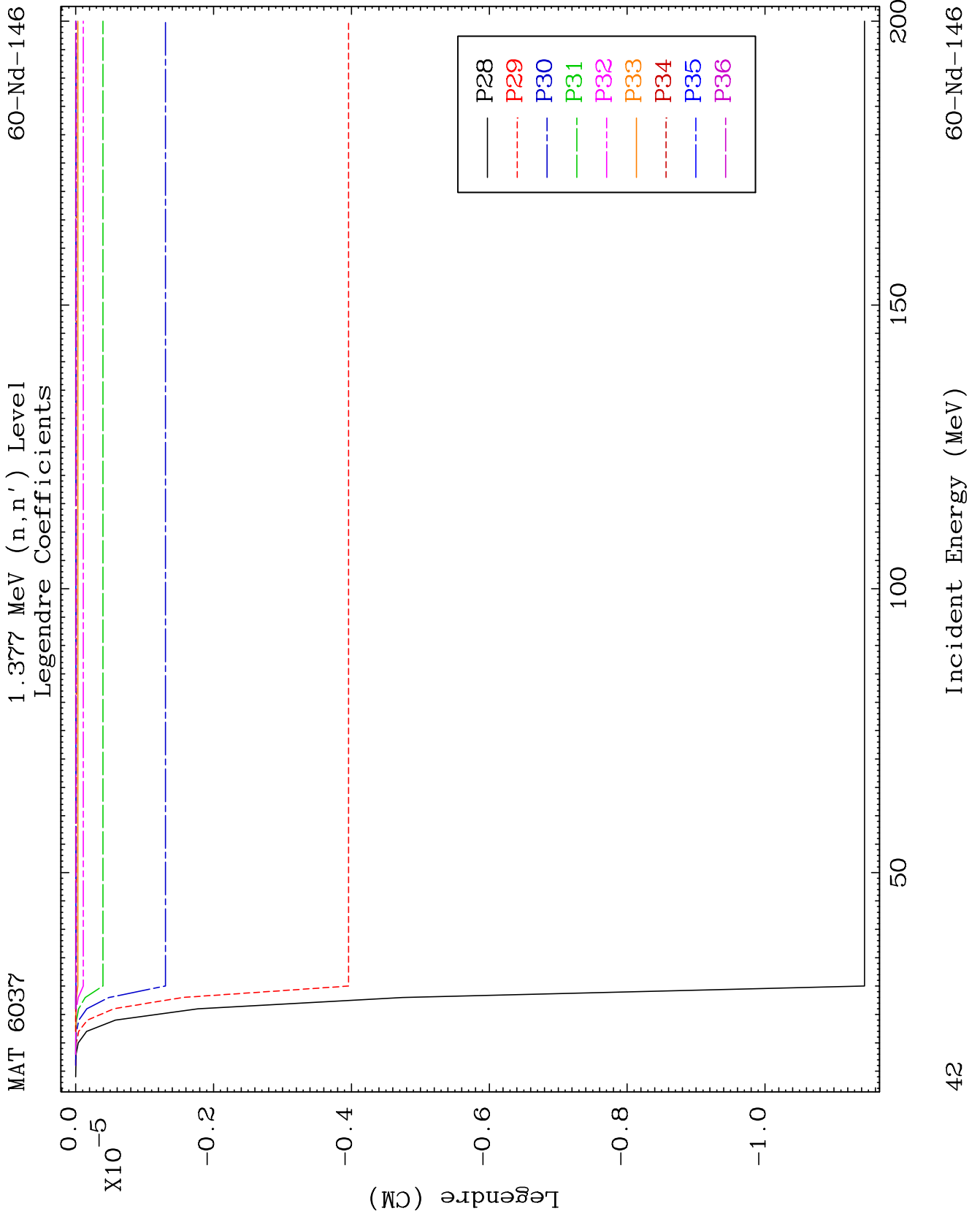
1.377 MeV (n,n') Level
Legendre Coefficients

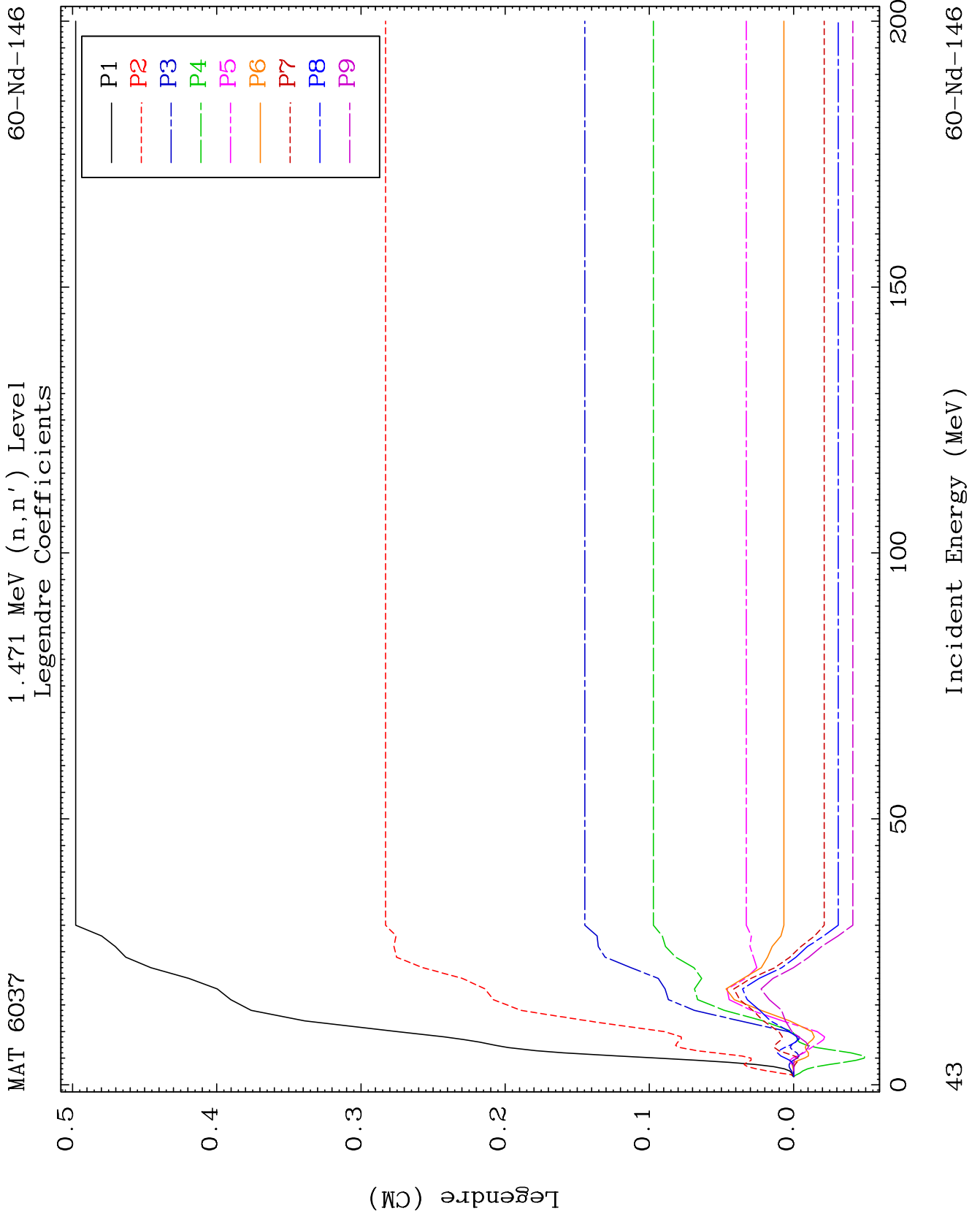
60-Nd-146



60-Nd-146



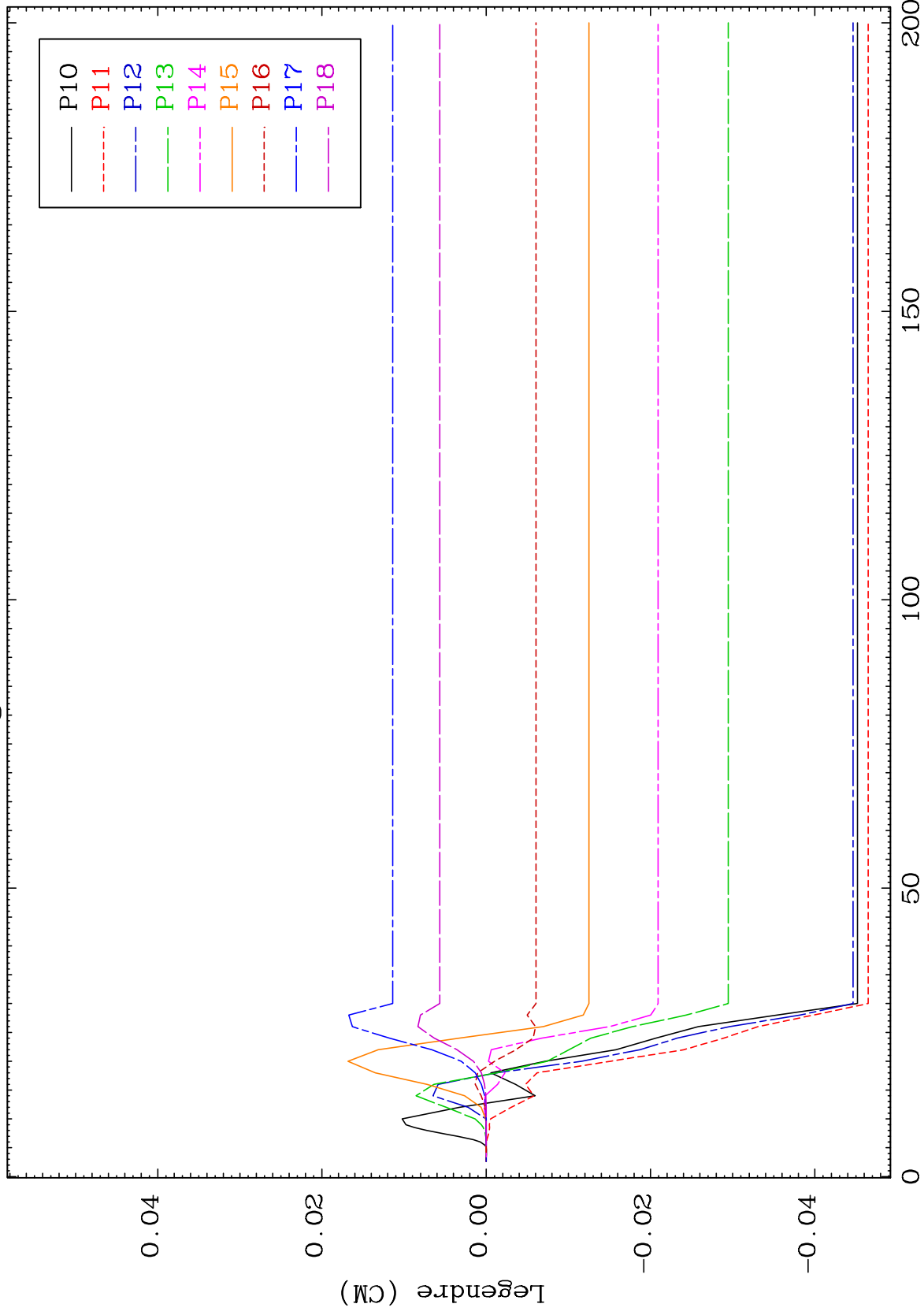




MAT 6037

1.471 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



44

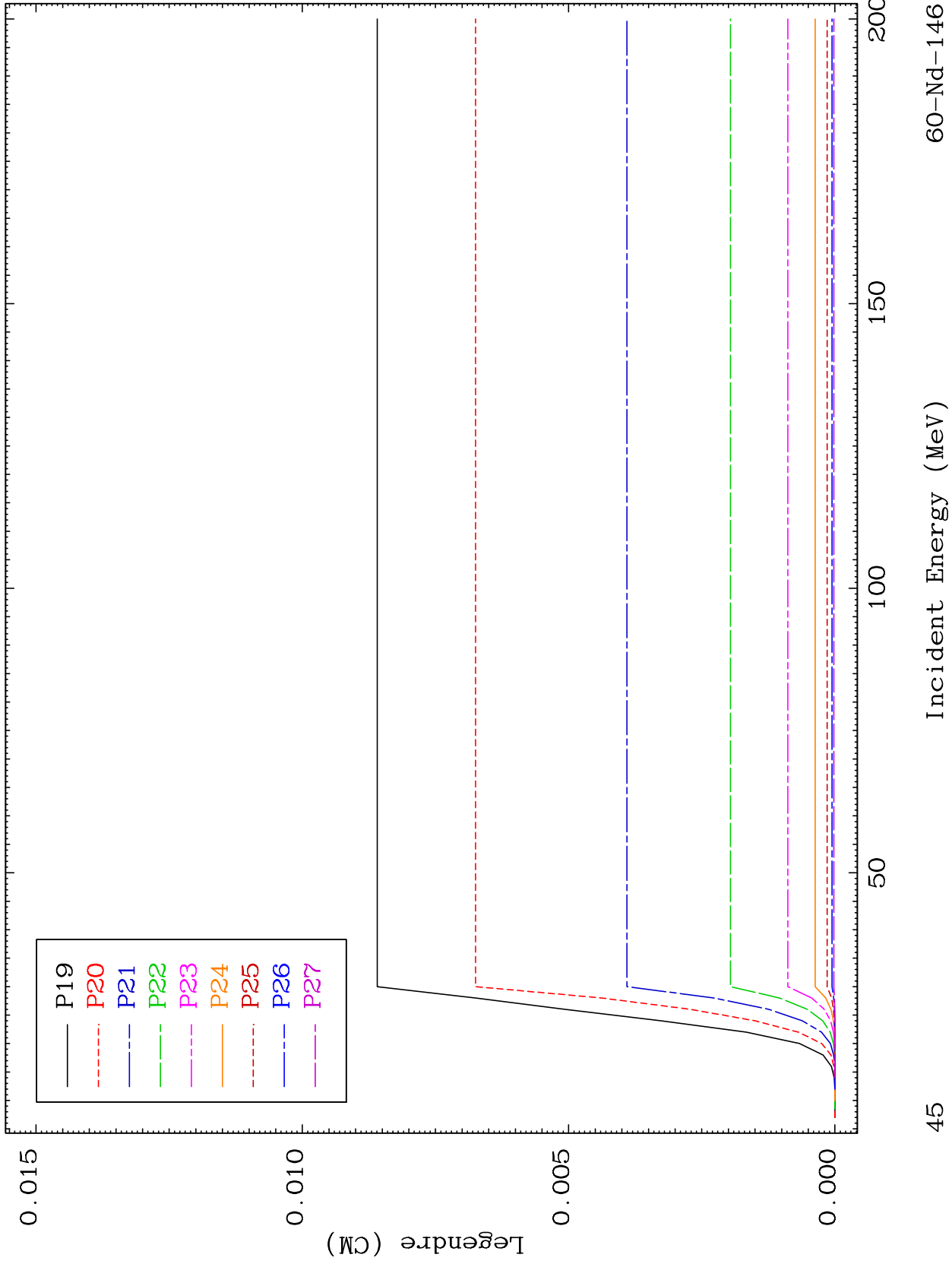
Incident Energy (MeV)

60-Nd-146

MAT 6037

1.471 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



45

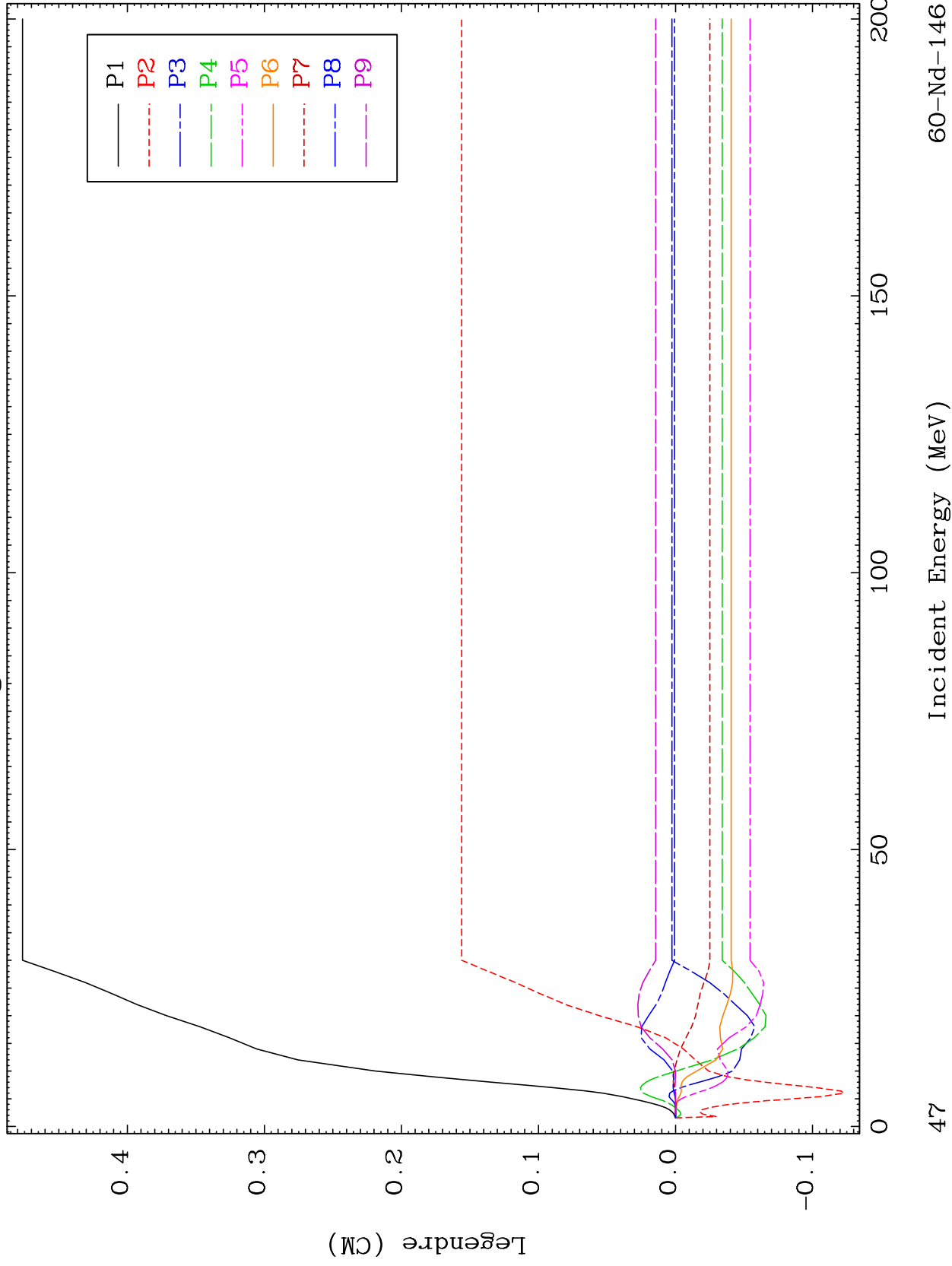
Incident Energy (MeV)

60-Nd-146

MAT 6037

1.518 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



60-Nd-146

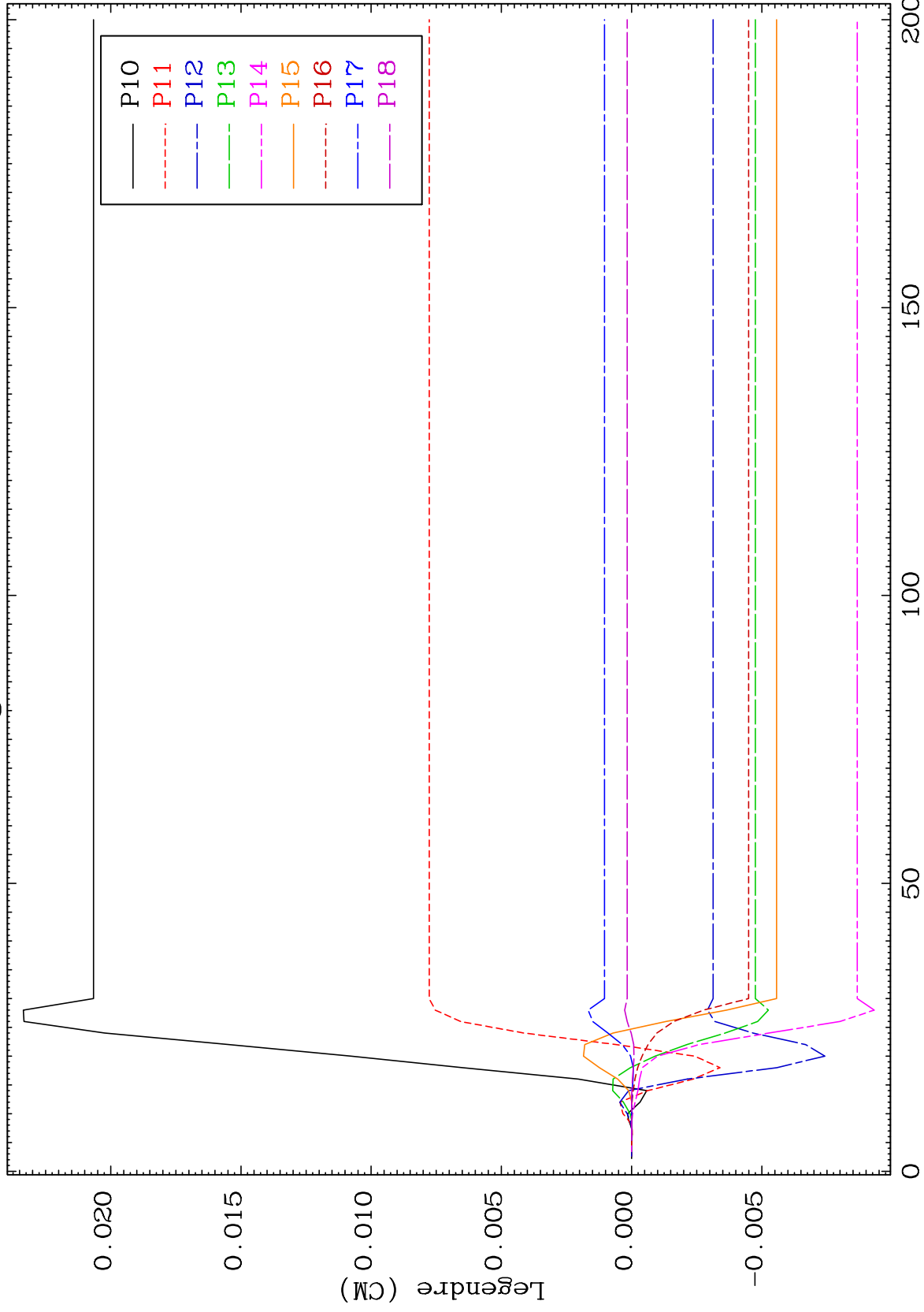
Incident Energy (MeV)

47

MAT 6037

1.518 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



48

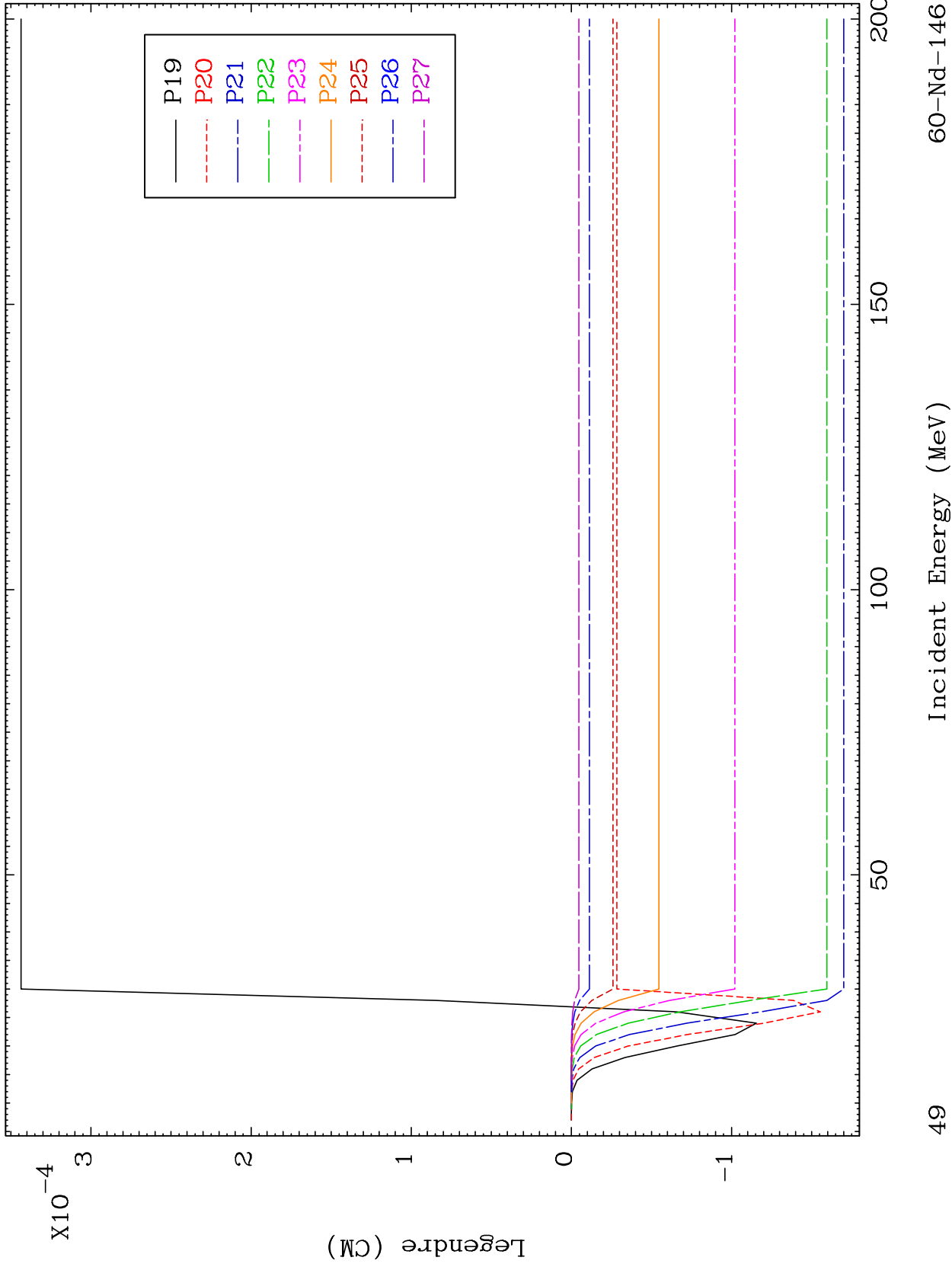
Incident Energy (MeV)

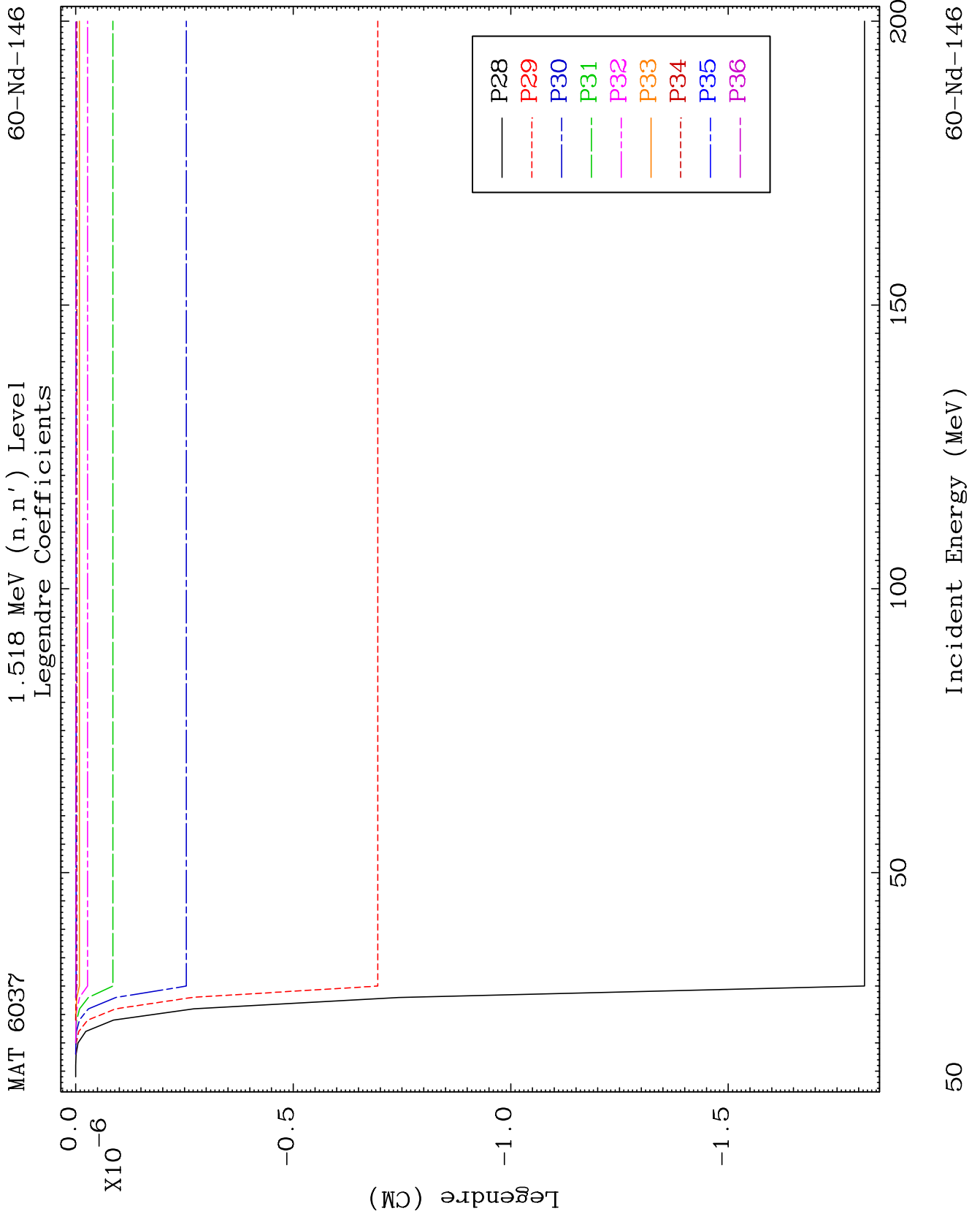
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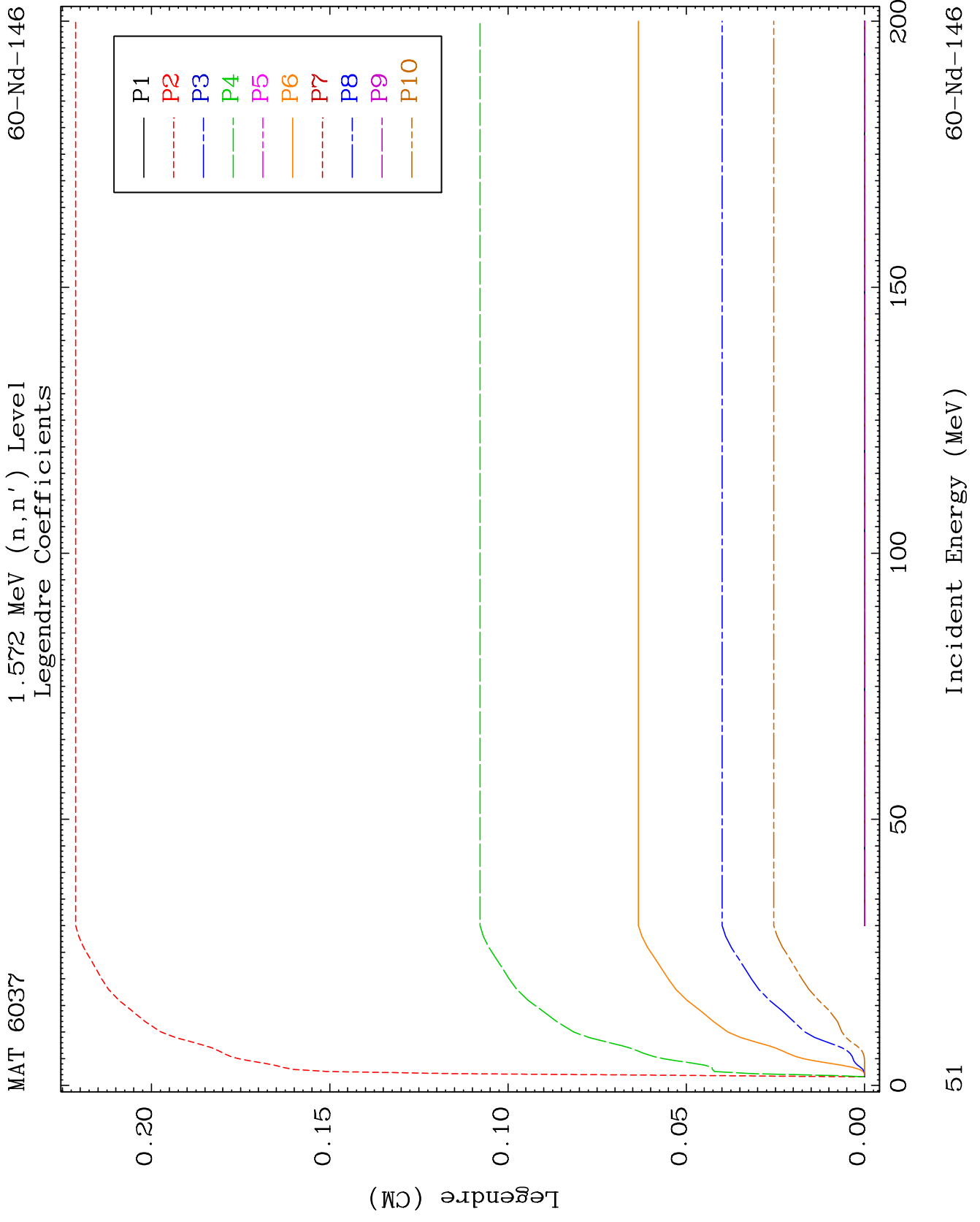
MAT 6037

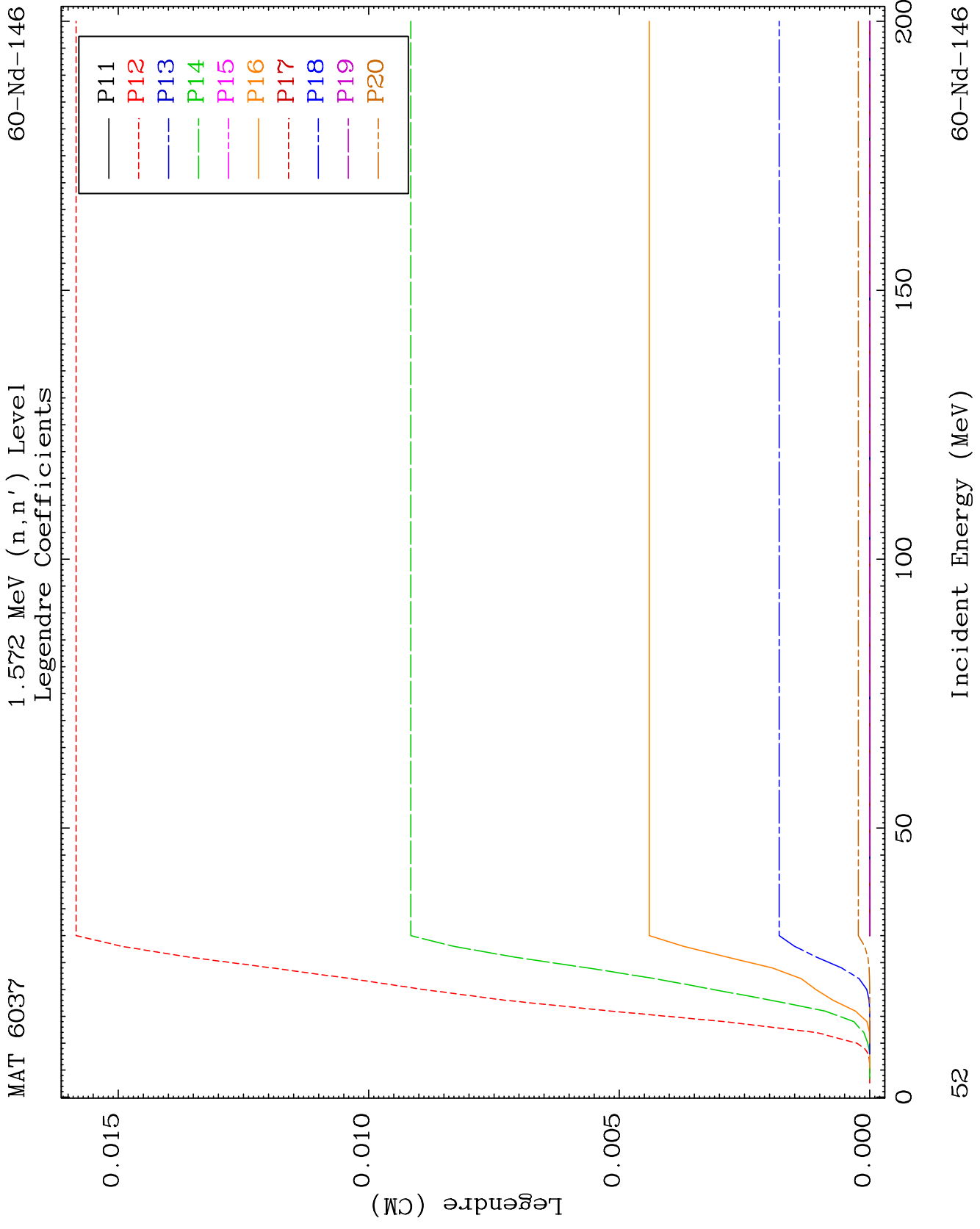
1.518 MeV (n,n') Level
Legendre Coefficients

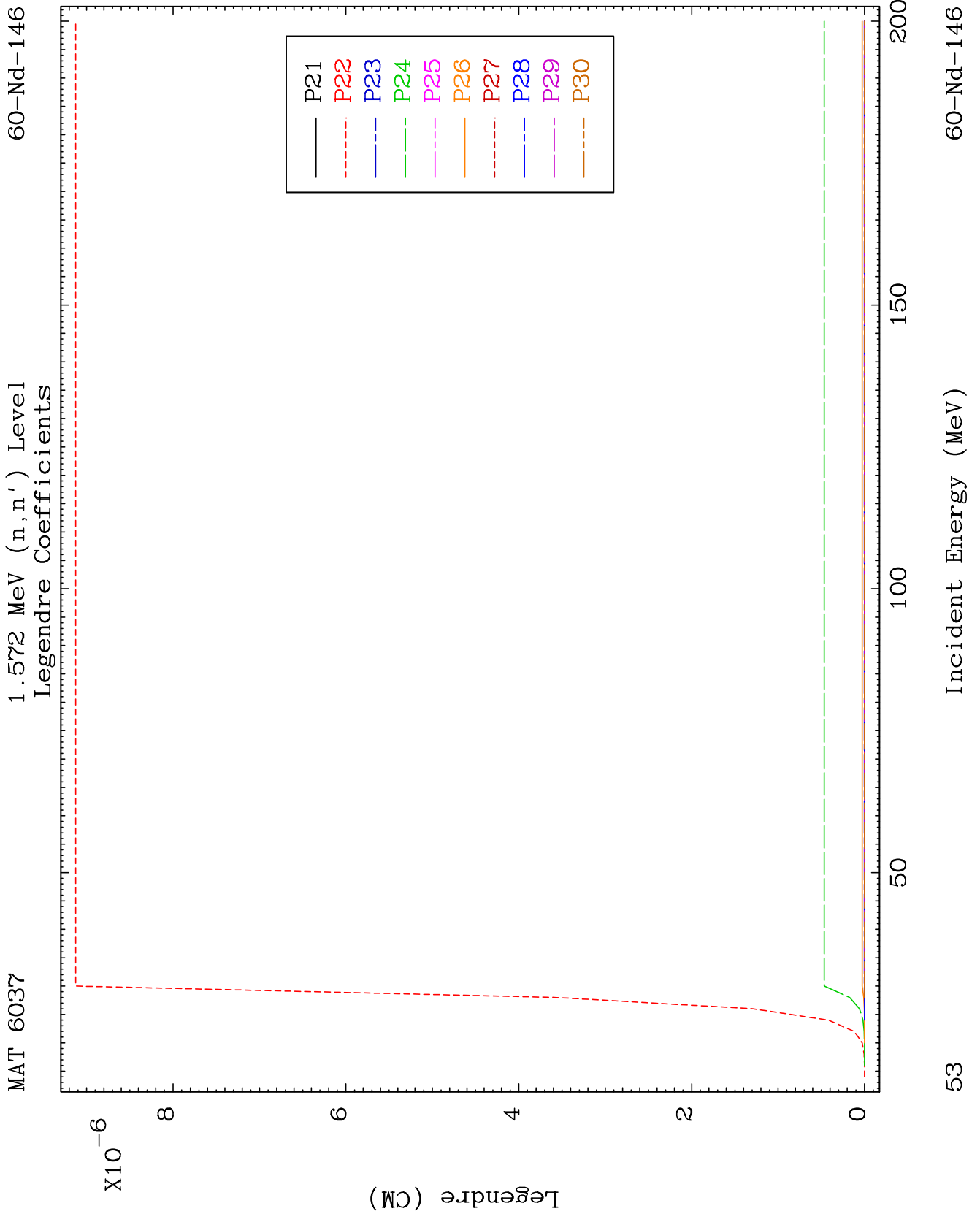
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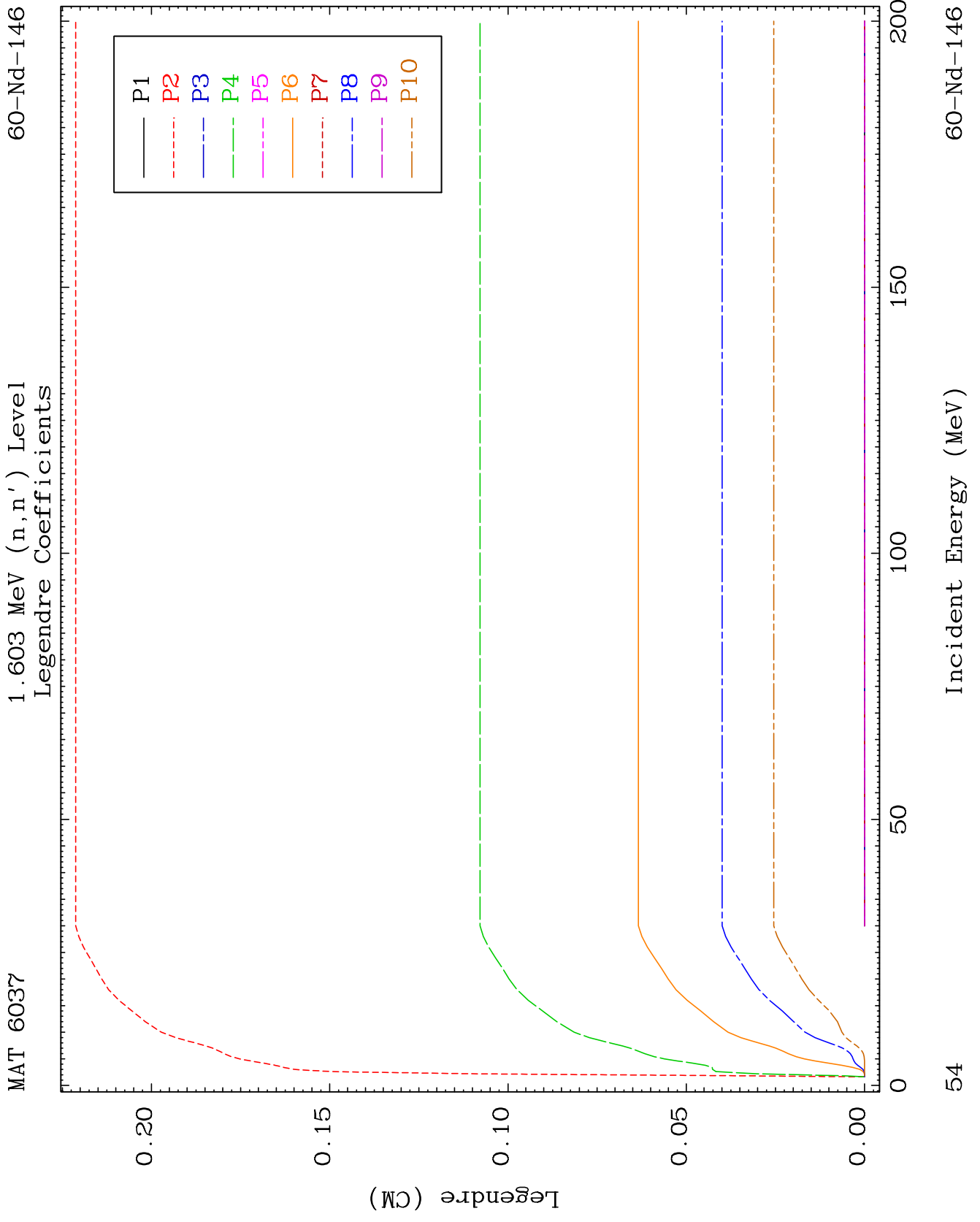


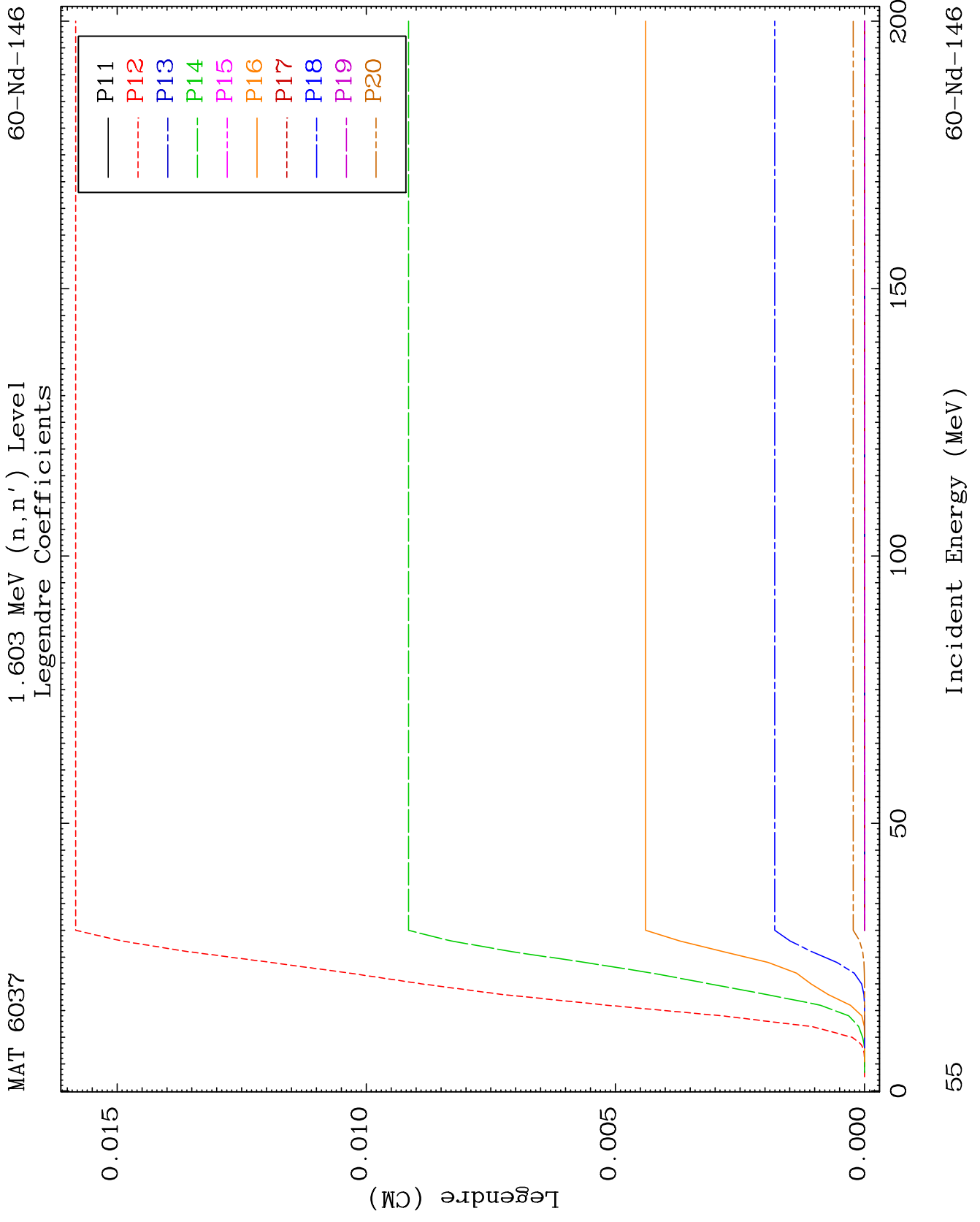


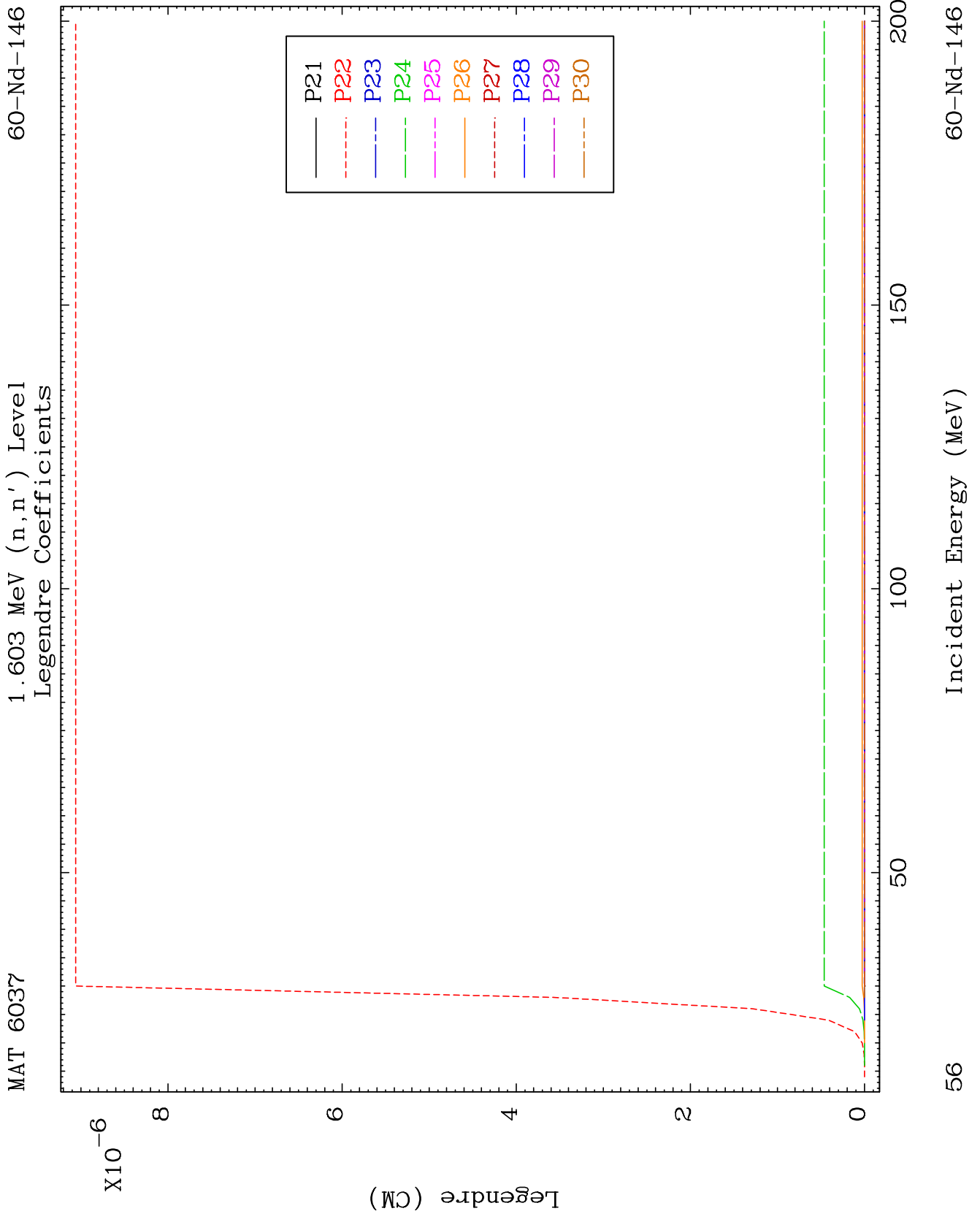








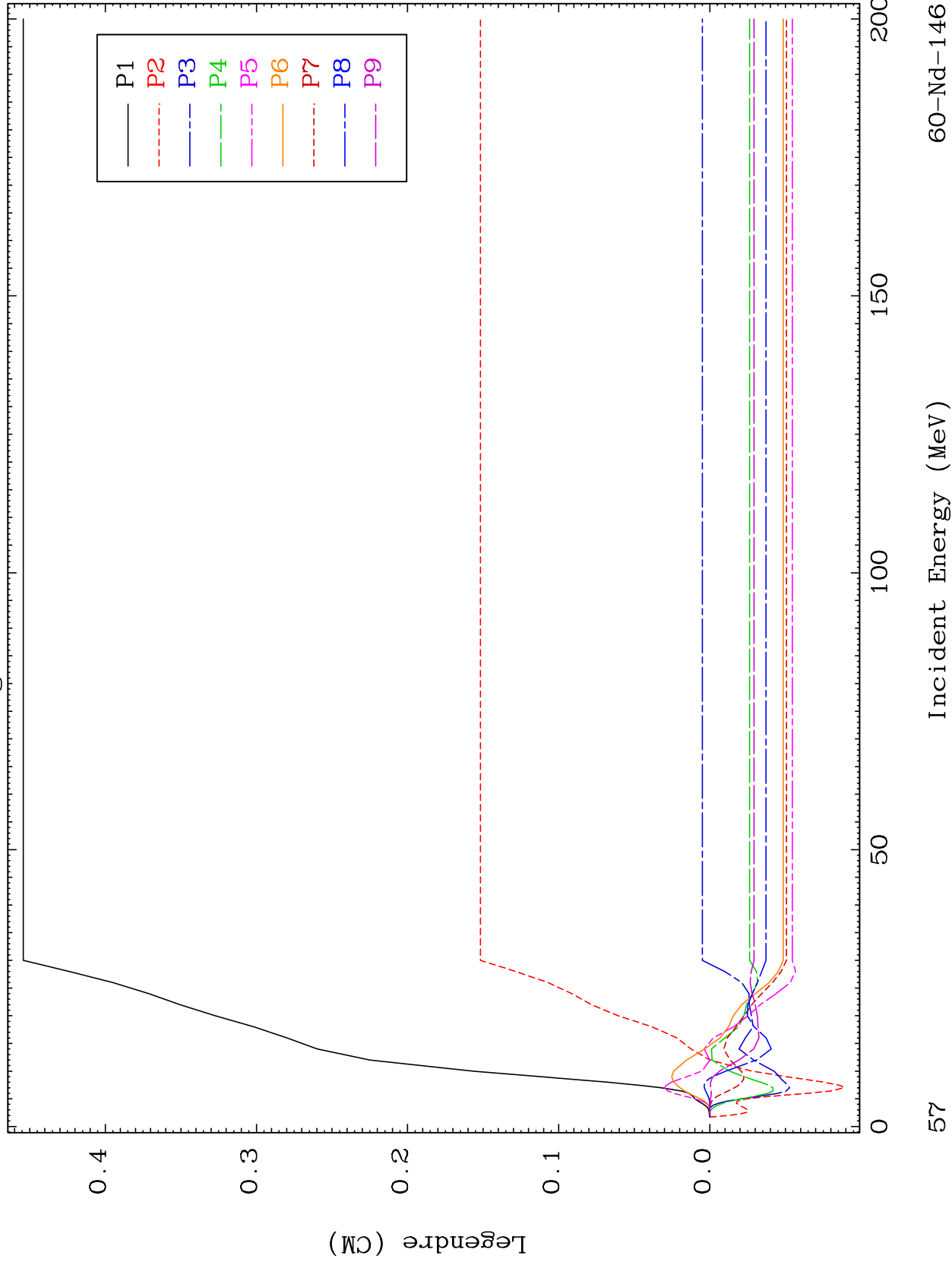




MAT 6037

1.688 MeV (n,n') Level
Legendre Coefficients

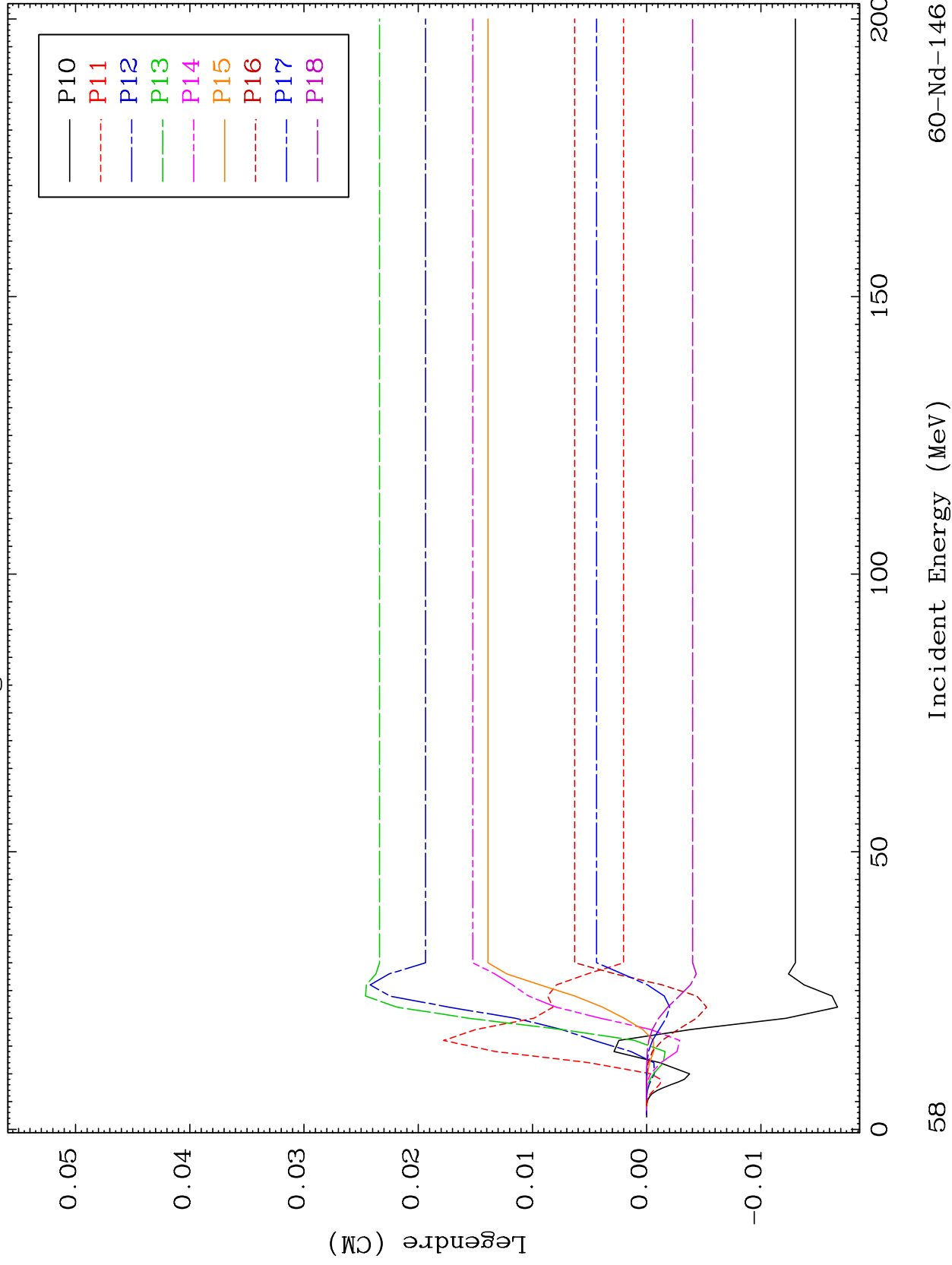
60-Nd-146



MAT 6037

1.688 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



60-Nd-146

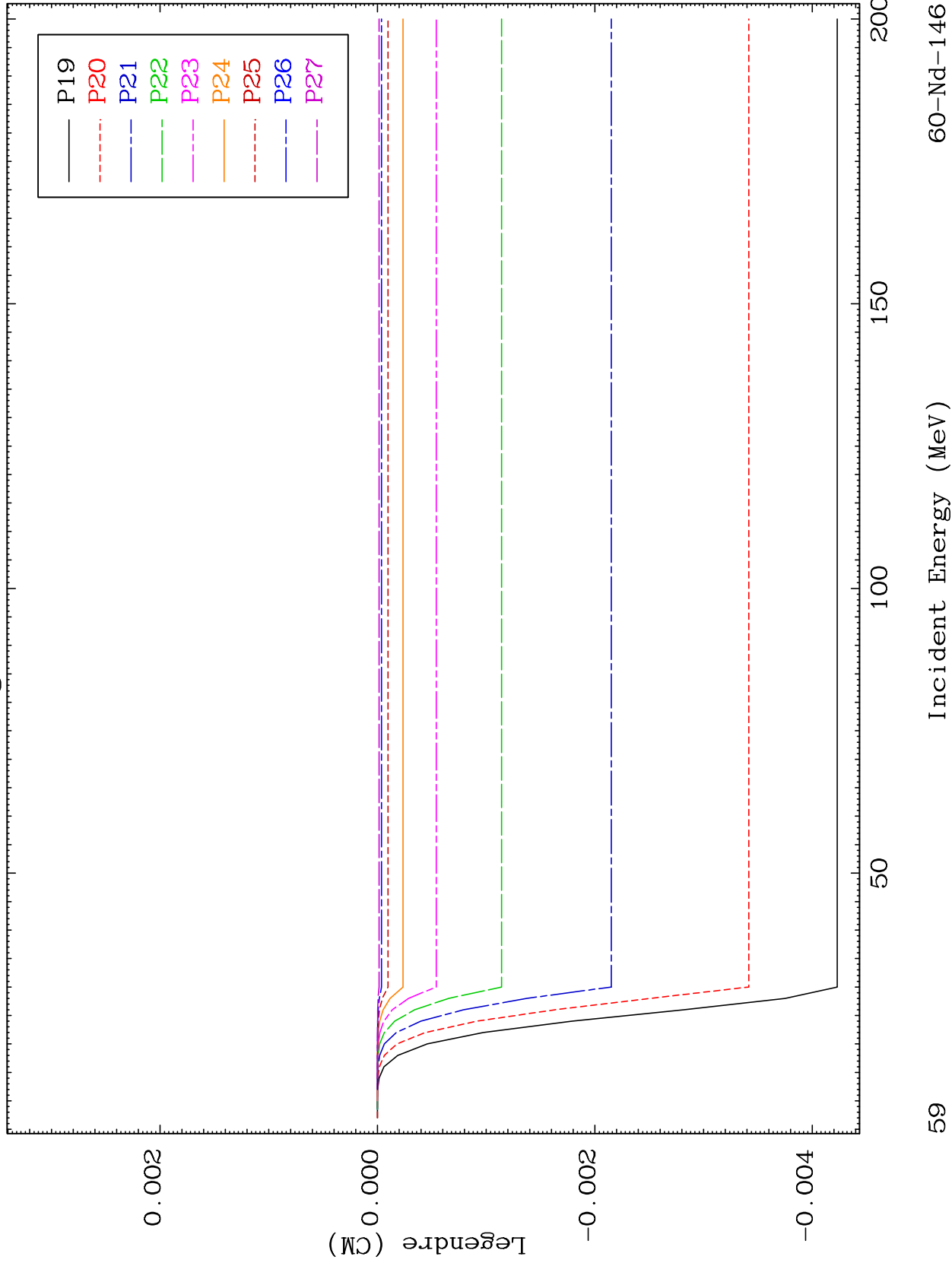
Incident Energy (MeV)

58

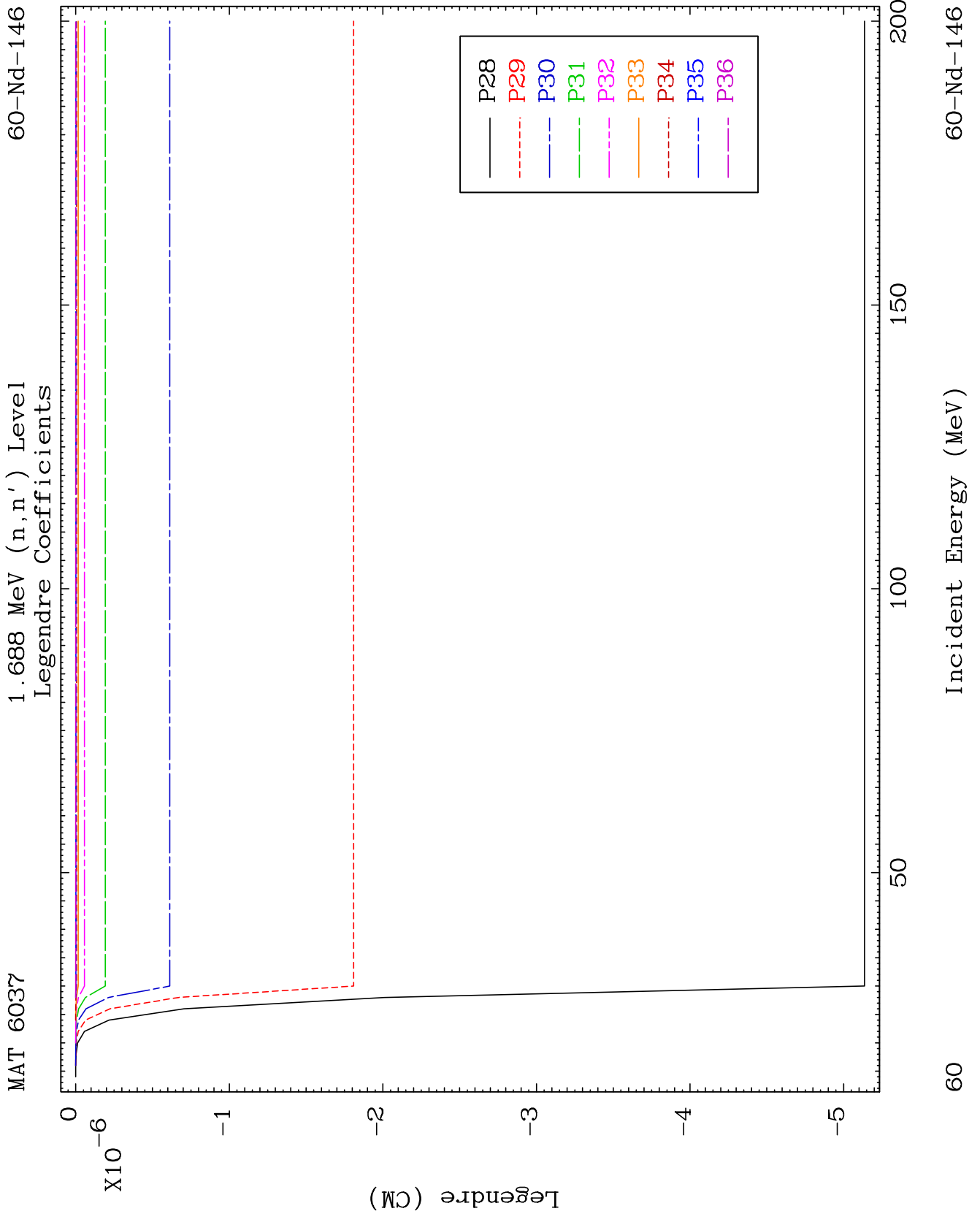
MAT 6037

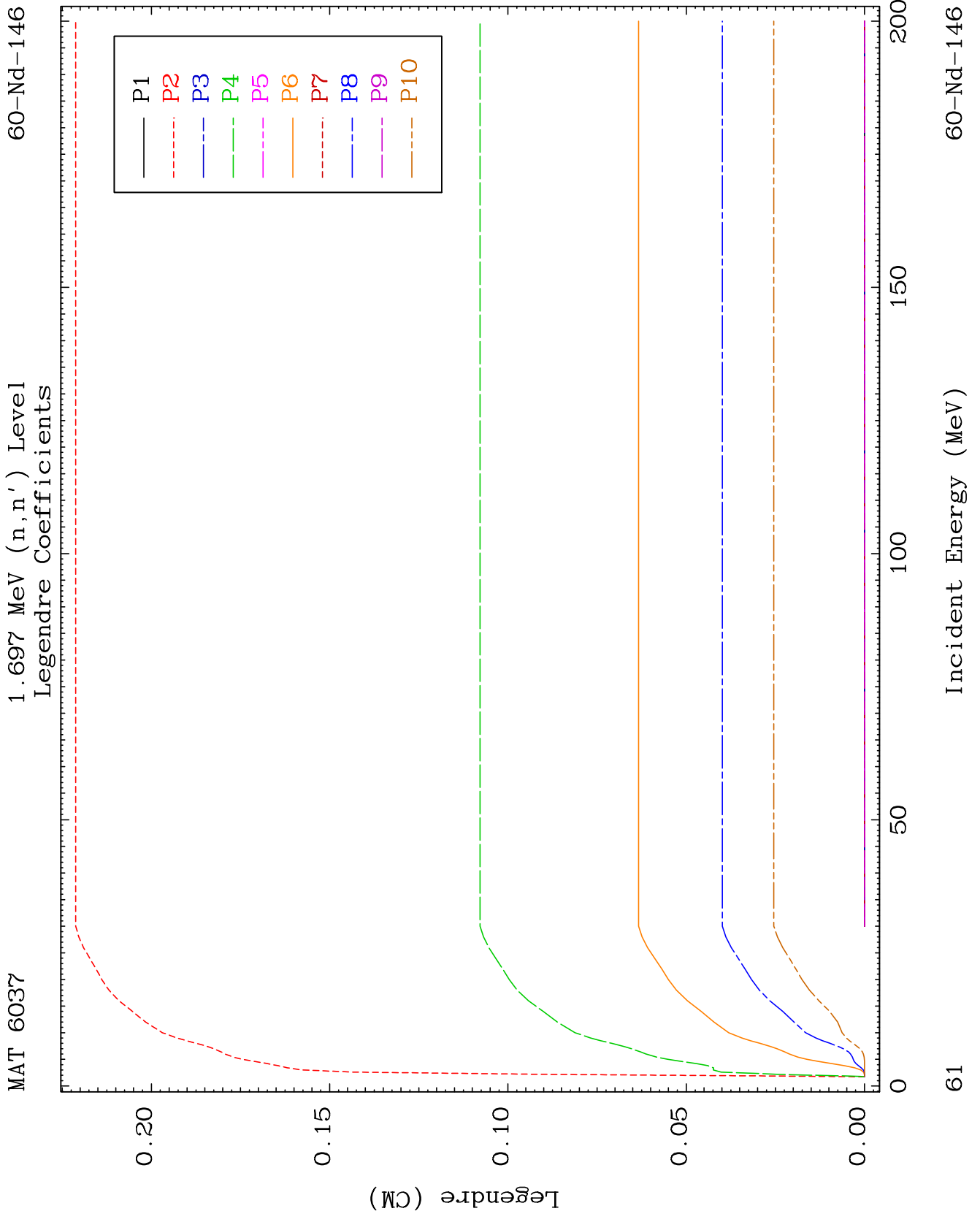
1.688 MeV (n,n') Level
Legendre Coefficients

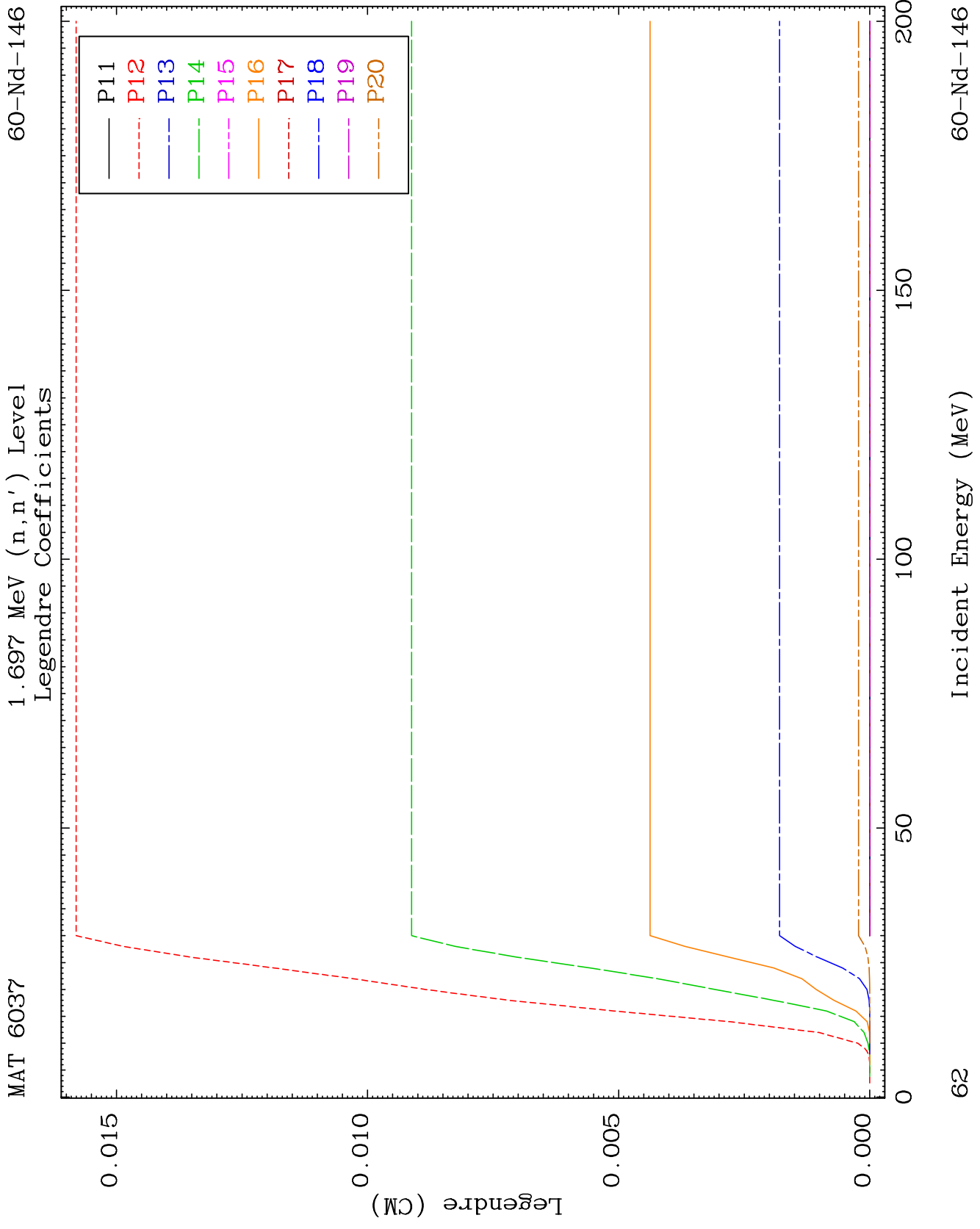
60-Nd-146



59



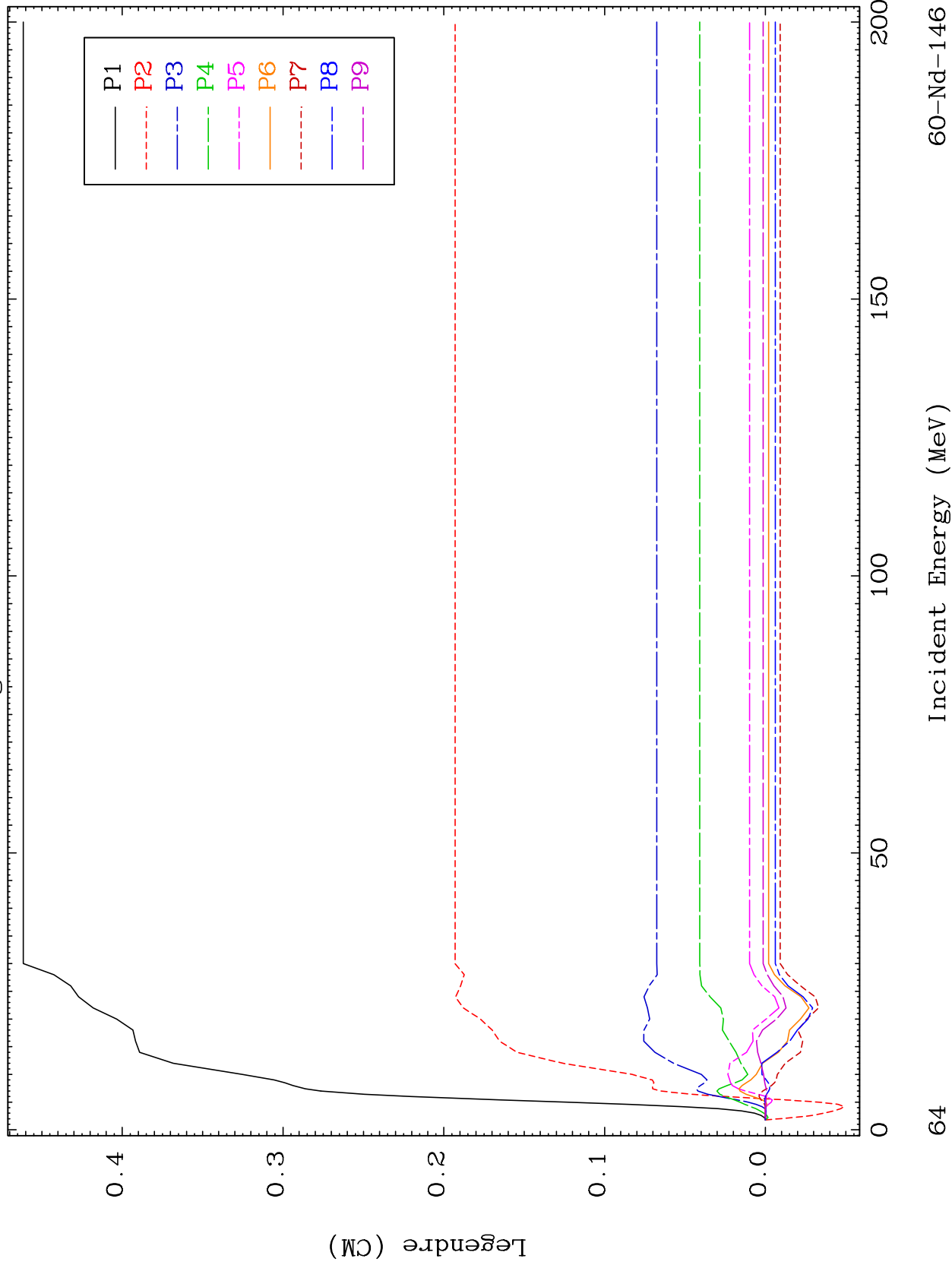




MAT 6037

1.745 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



60-Nd-146

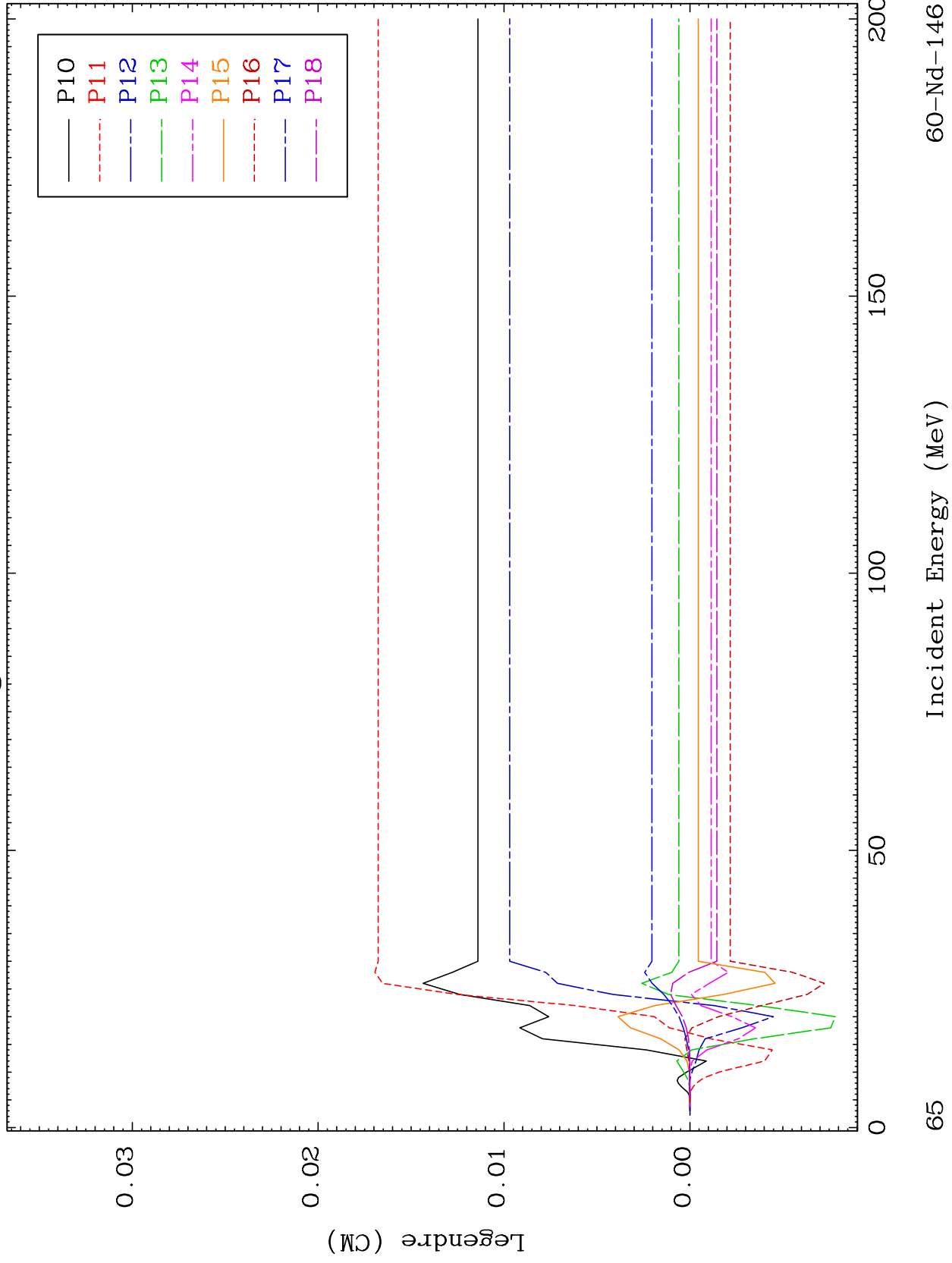
Incident Energy (MeV)

64

MAT 6037

1.745 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



60-Nd-146

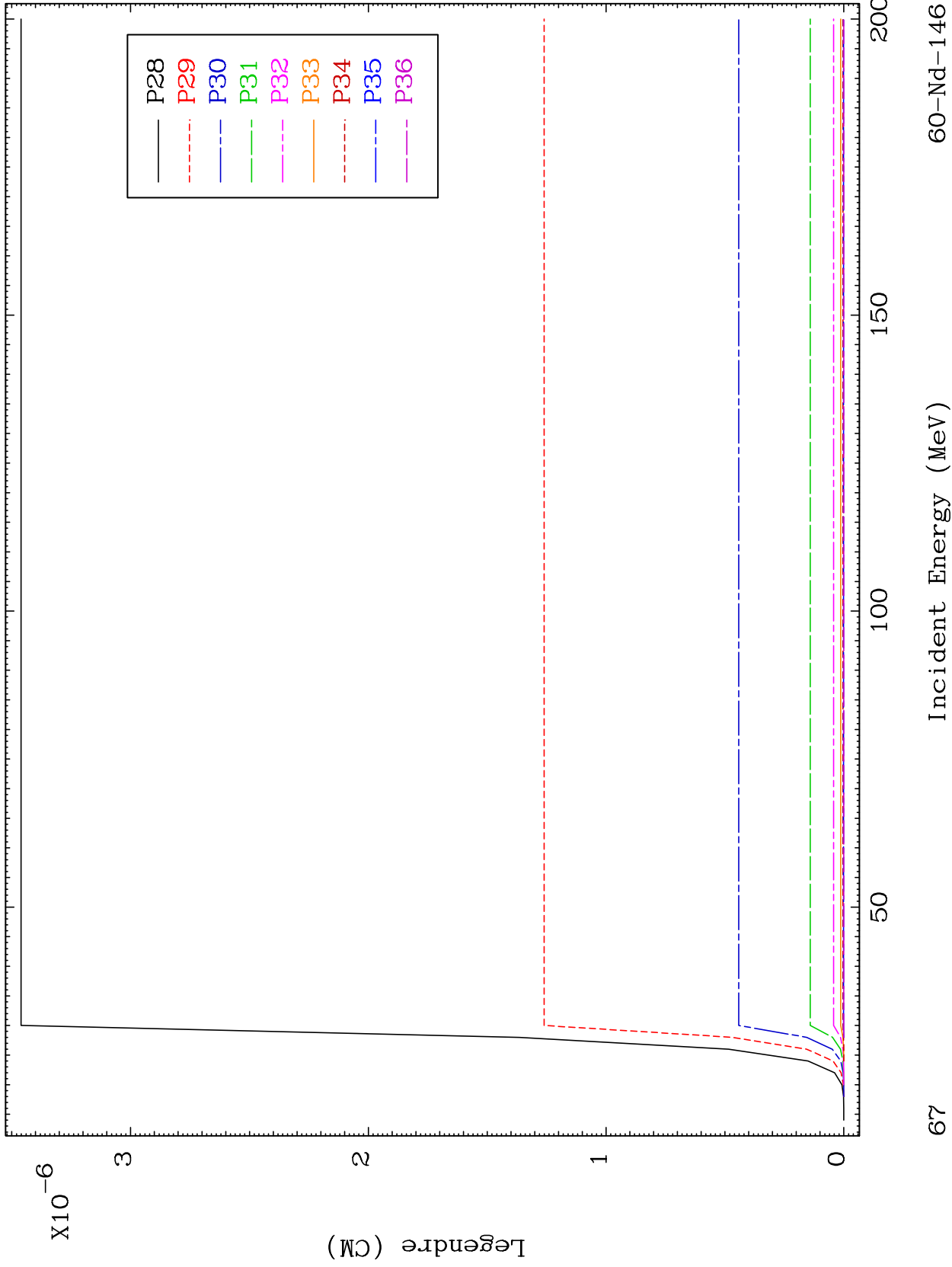
Incident Energy (MeV)

65

MAT 6037

1.745 MeV (n,n') Level
Legendre Coefficients

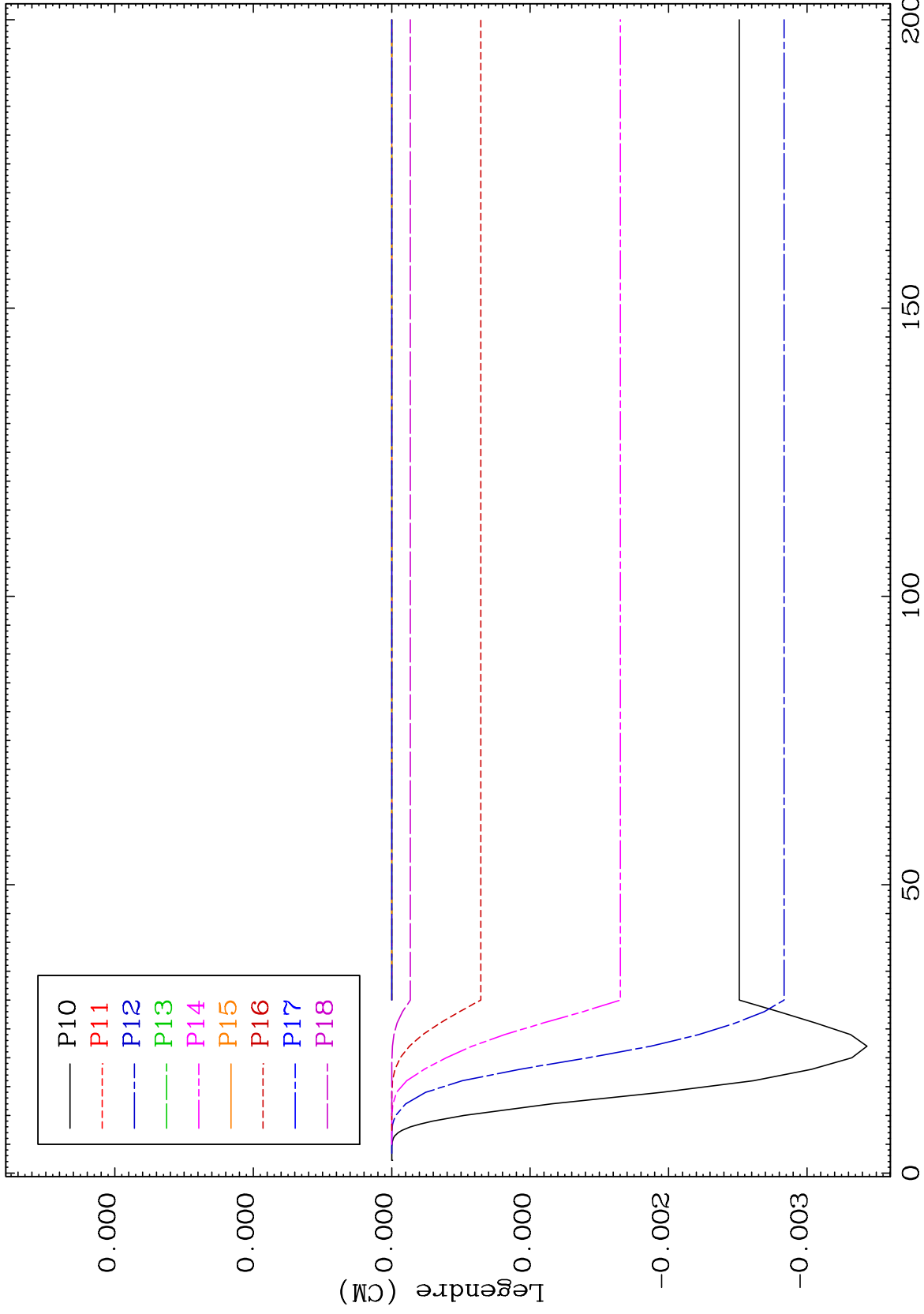
60-Nd-146



MAT 6037

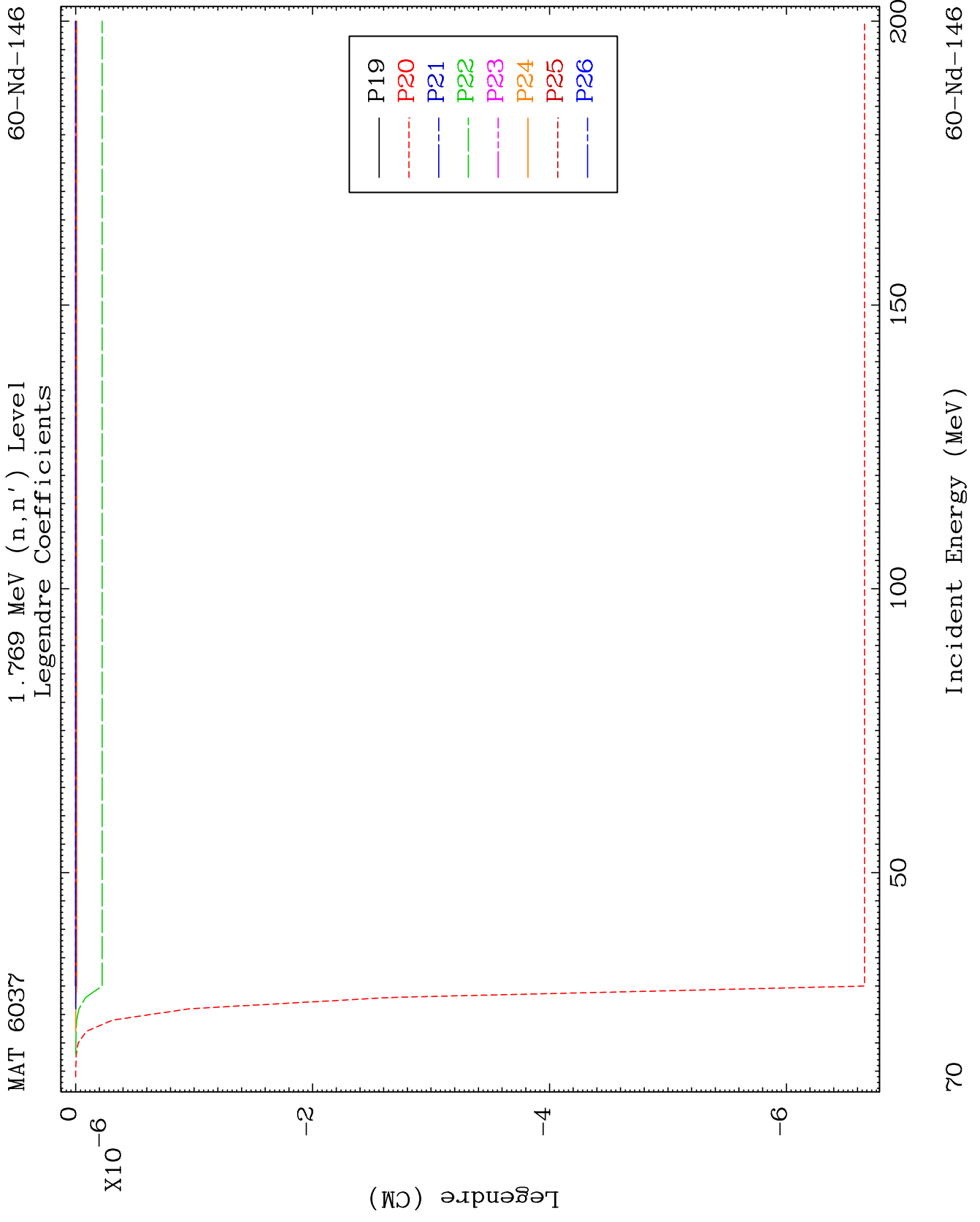
1.769 MeV (n, n') Level
Legendre Coefficients

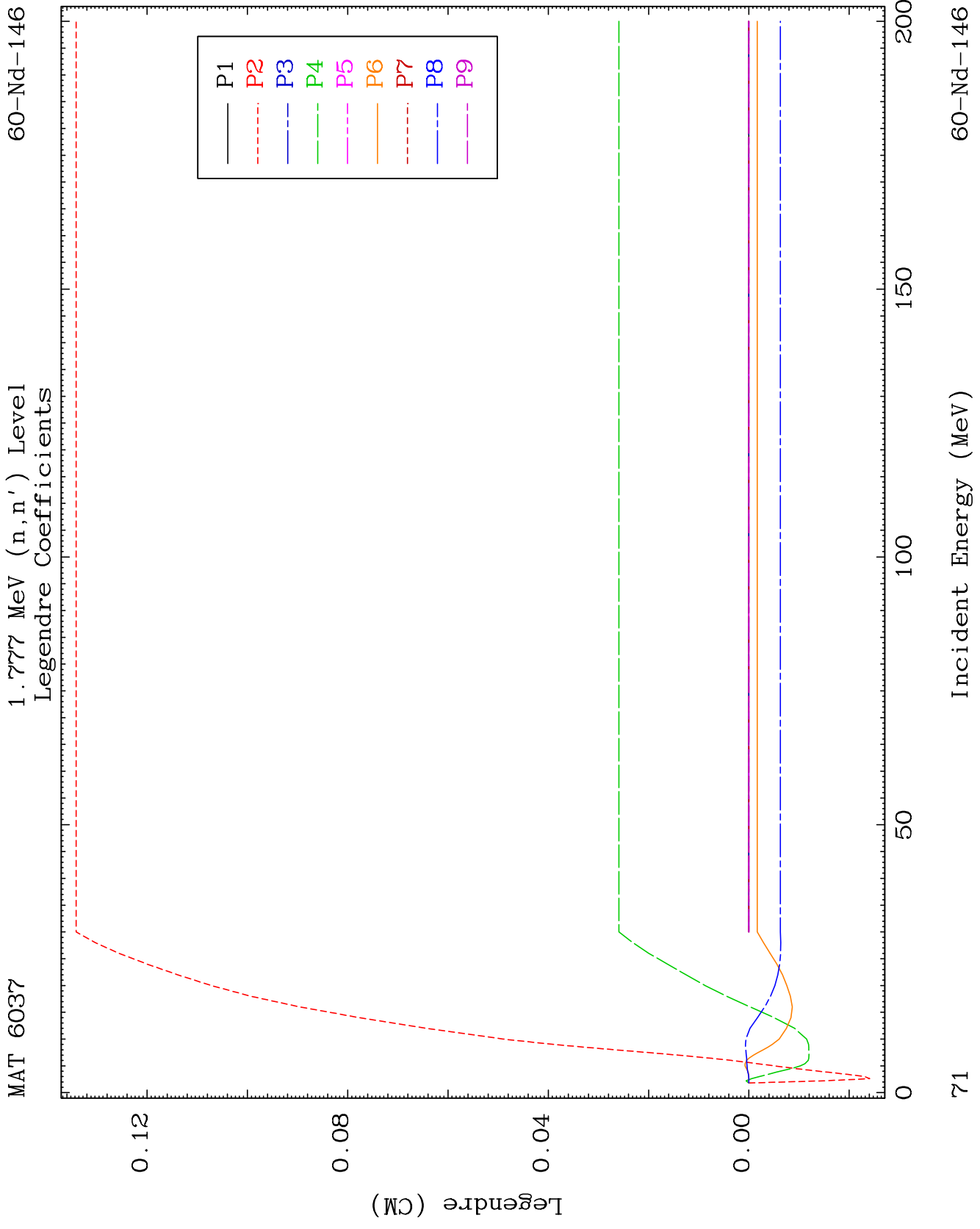
60-Nd-146



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60-Nd-146

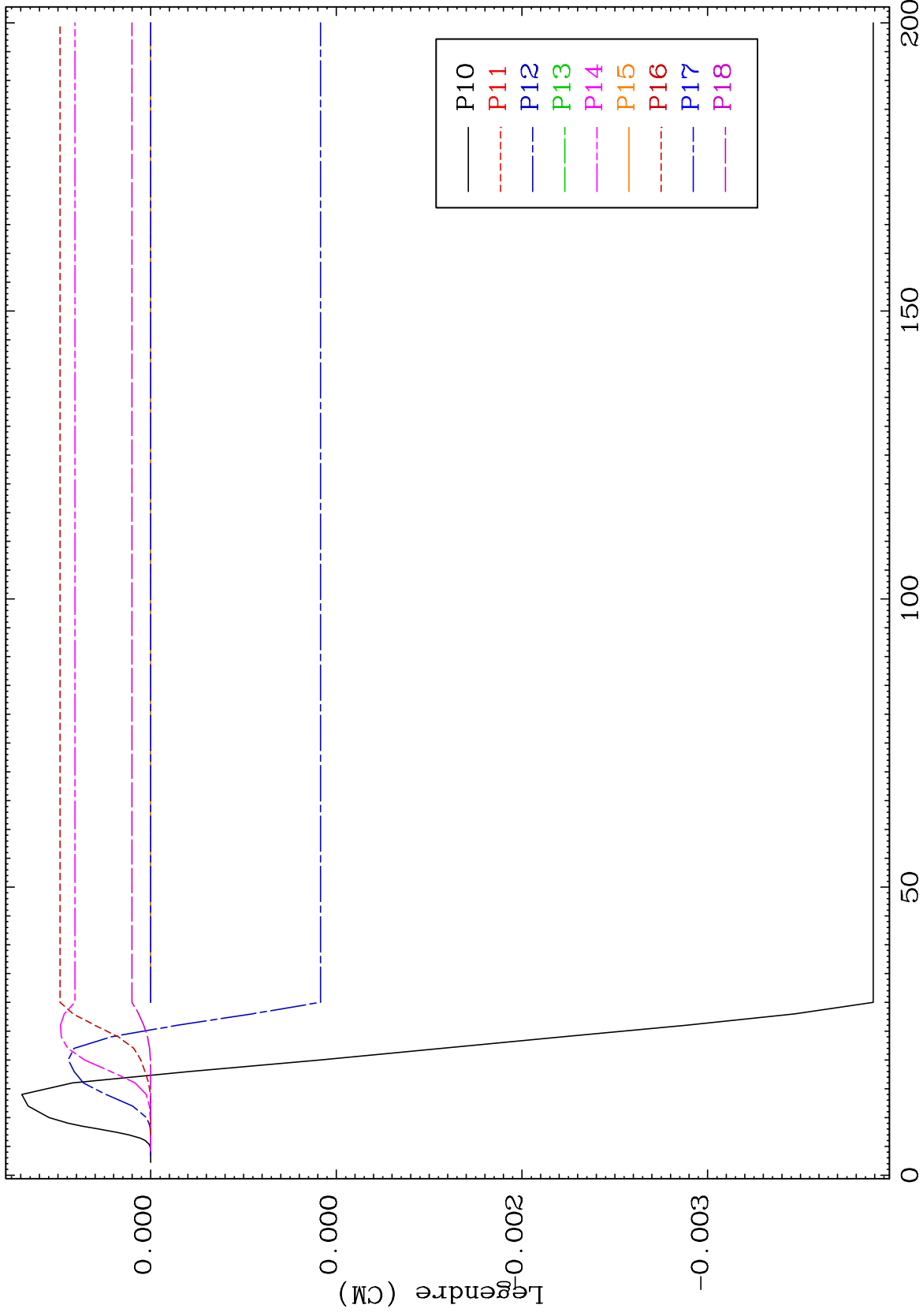




MAT 6037

1.777 MeV (n,n') Level
Legendre Coefficients

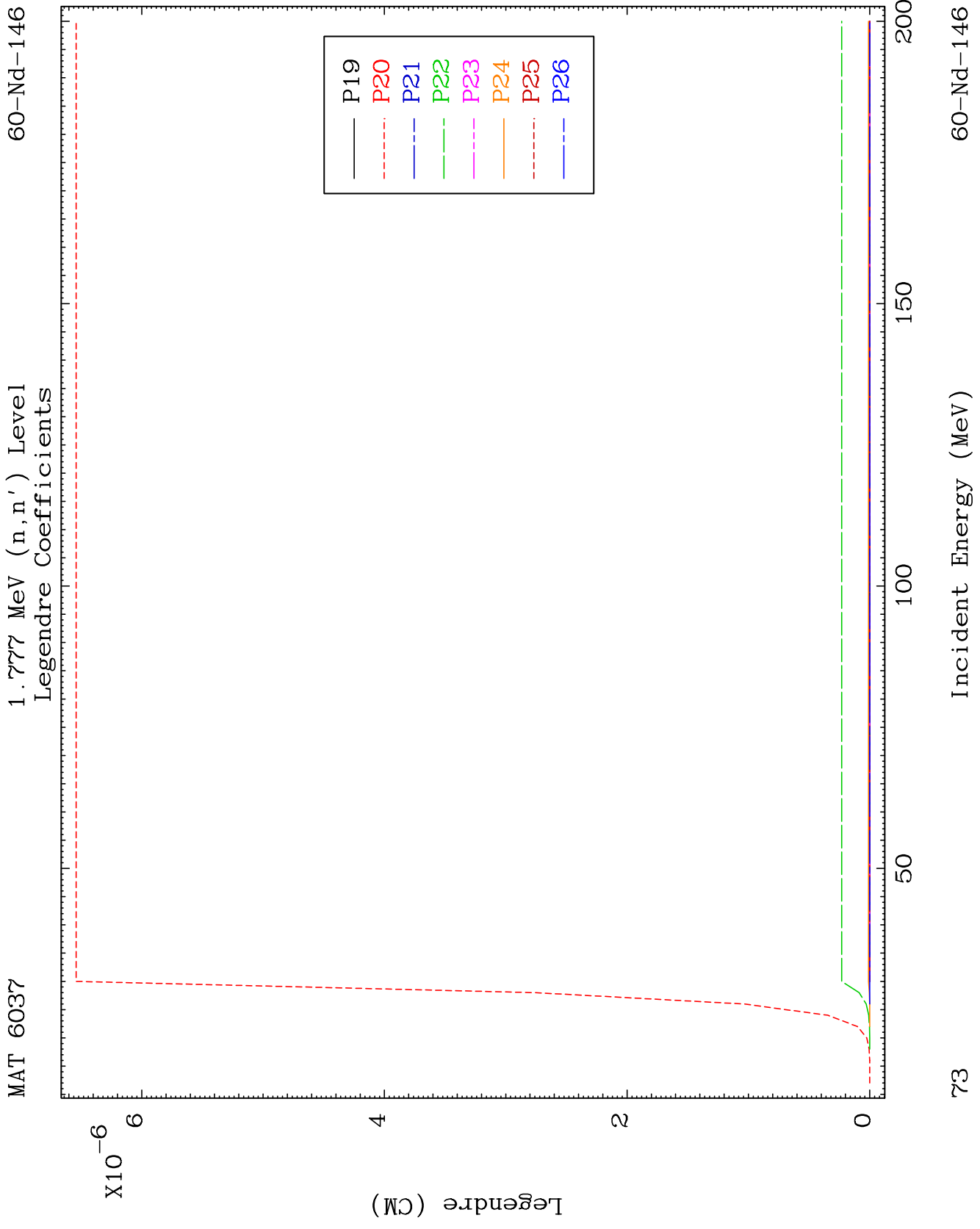
60-Nd-146



72

Incident Energy (MeV)

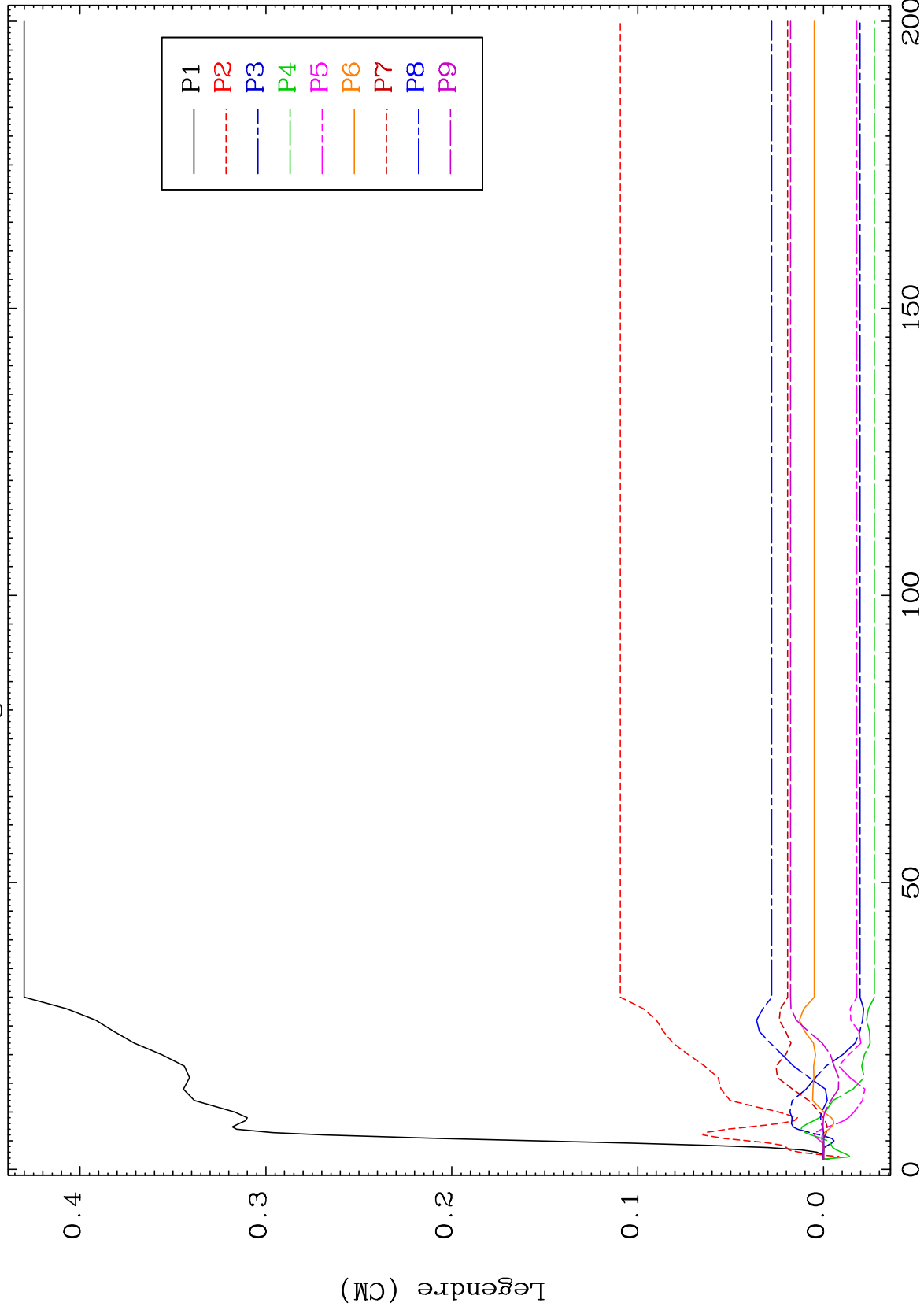
60-Nd-146



MAT 6037

1.780 MeV (n, n') Level
Legendre Coefficients

60-Nd-146



74

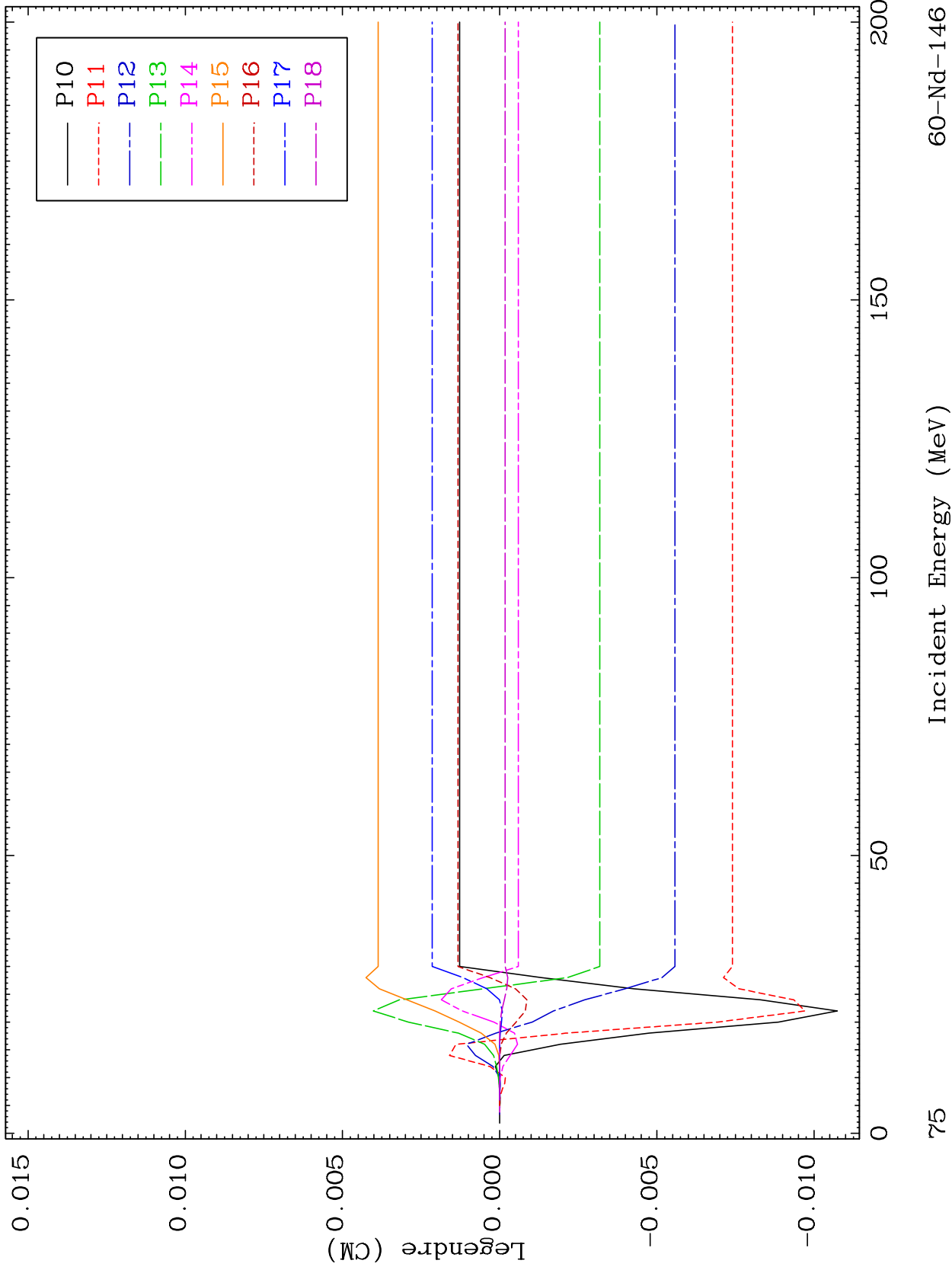
Incident Energy (MeV)

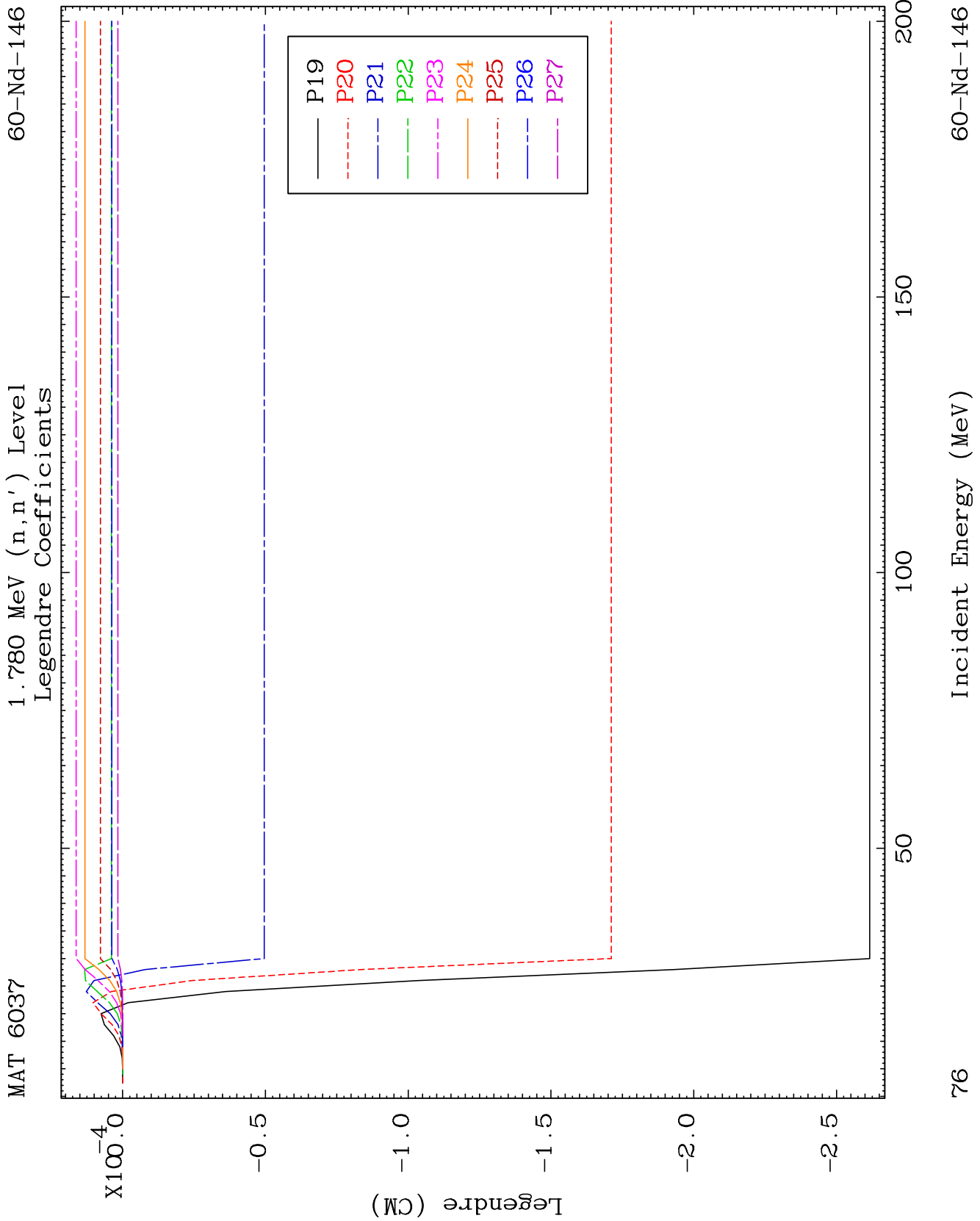
60-Nd-146

MAT 6037

1.780 MeV (n,n') Level
Legendre Coefficients

60-Nd-146

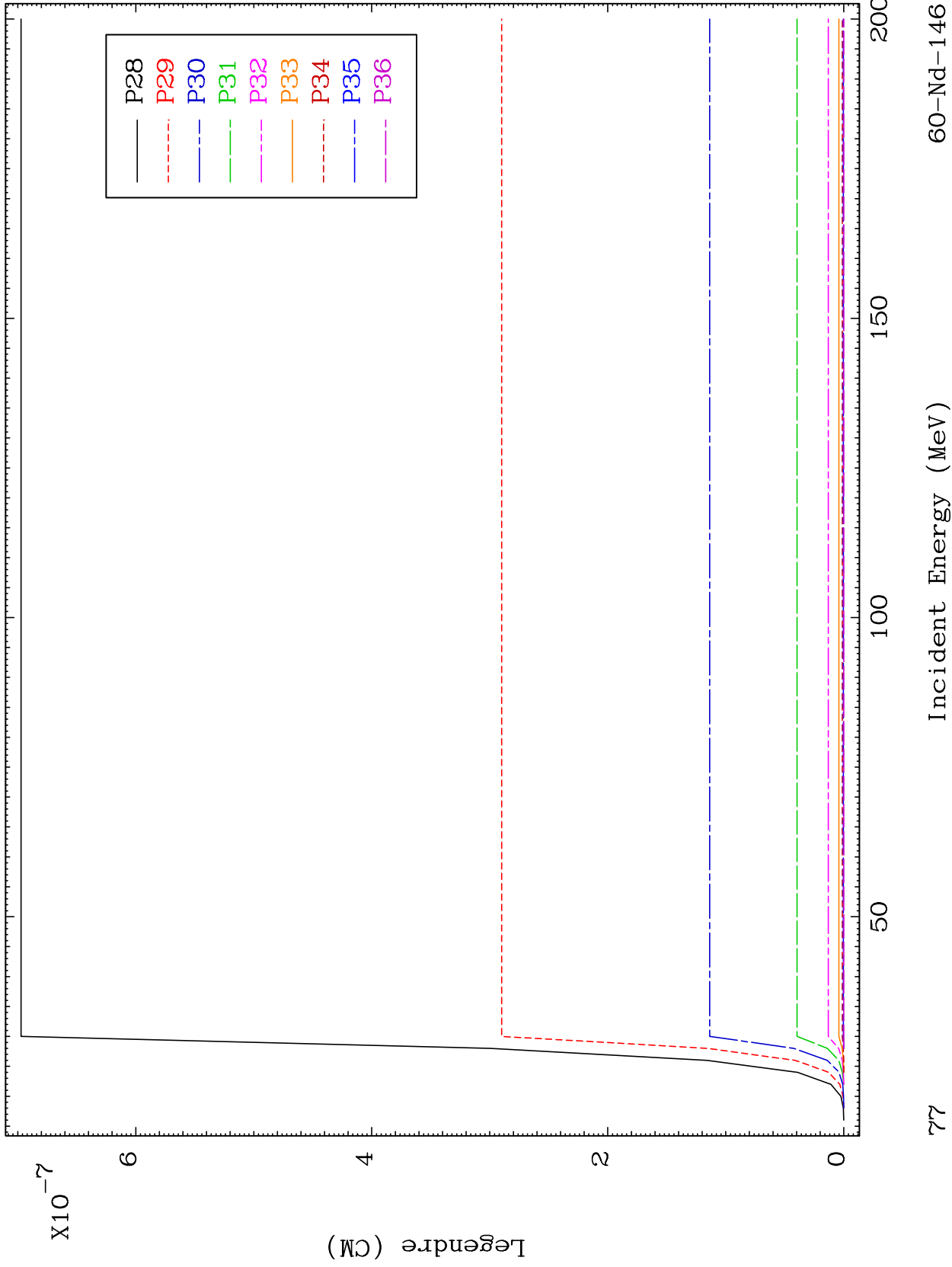


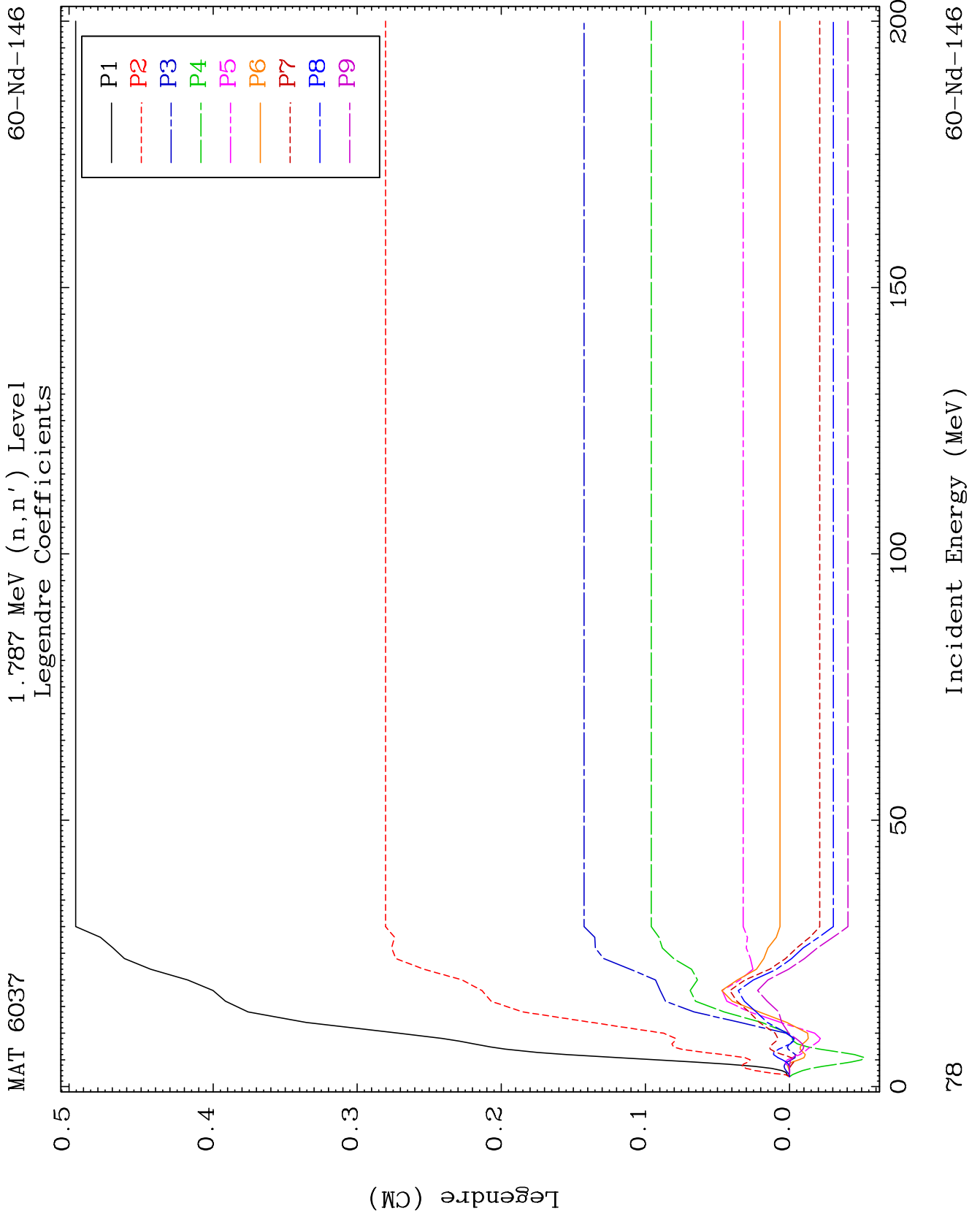


MAT 6037

1.780 MeV (n,n') Level
Legendre Coefficients

60-Nd-146

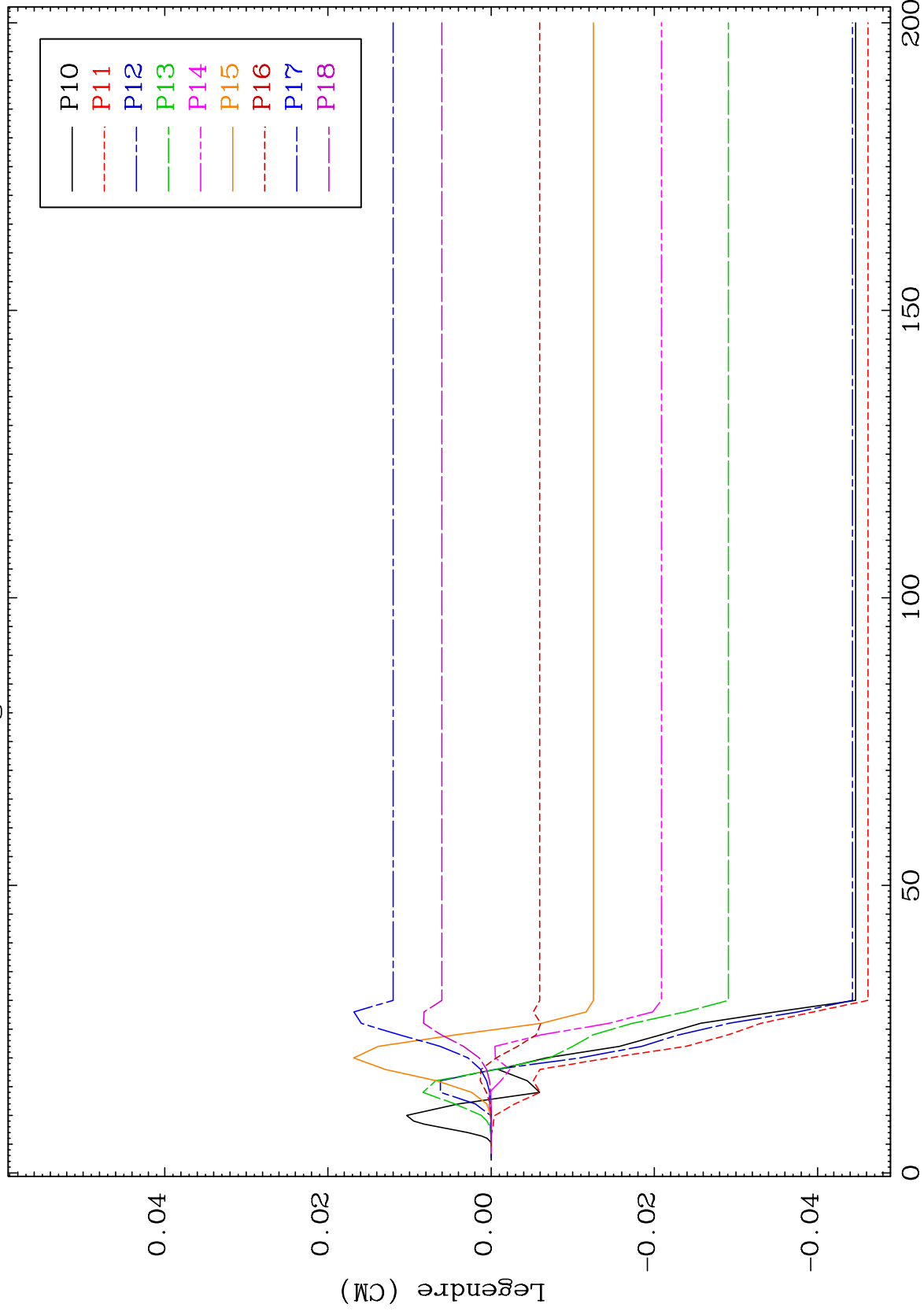




MAT 6037

1.787 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



79

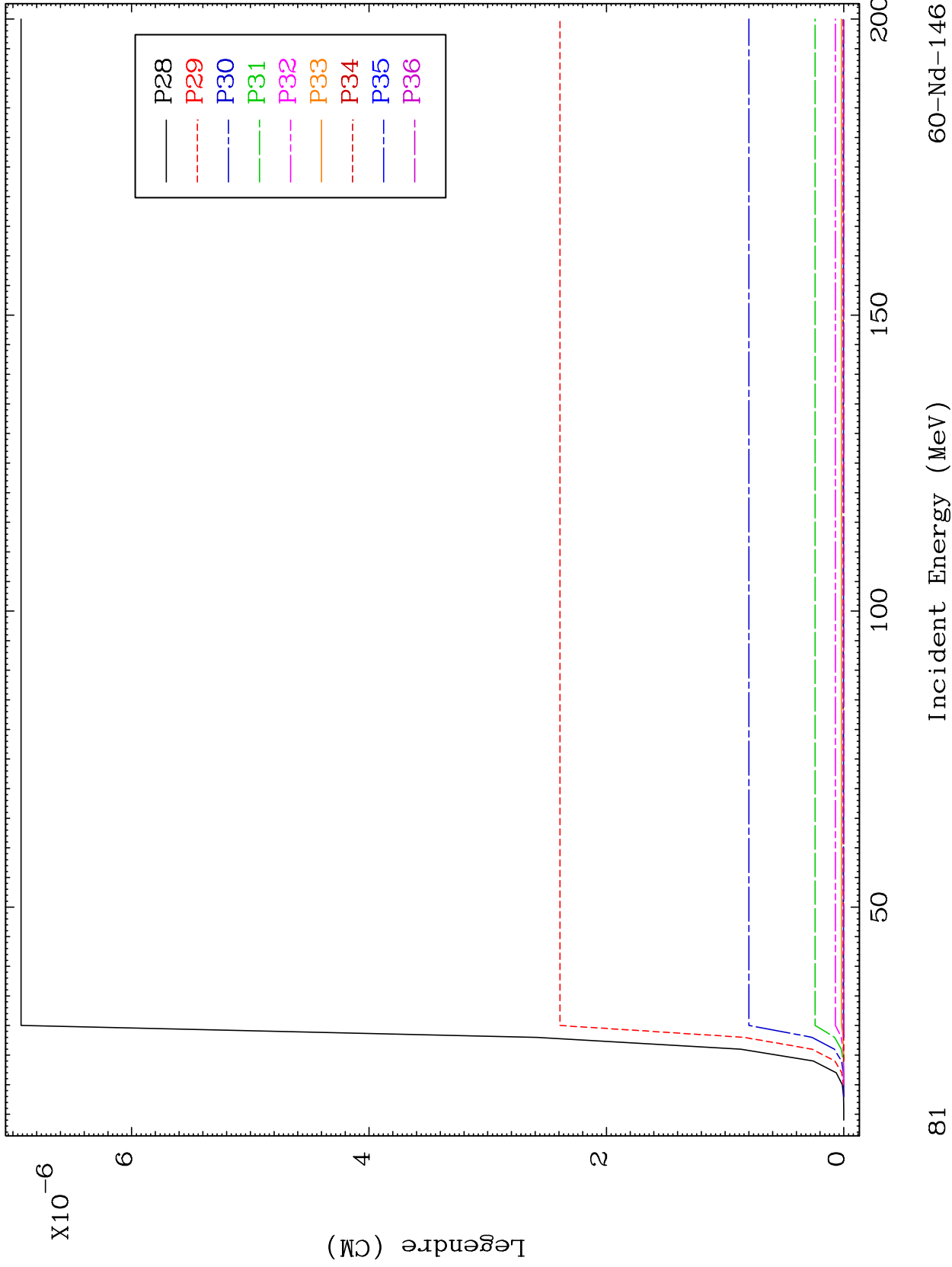
Incident Energy (MeV)

60-Nd-146

MAT 6037

1.787 MeV (n,n') Level
Legendre Coefficients

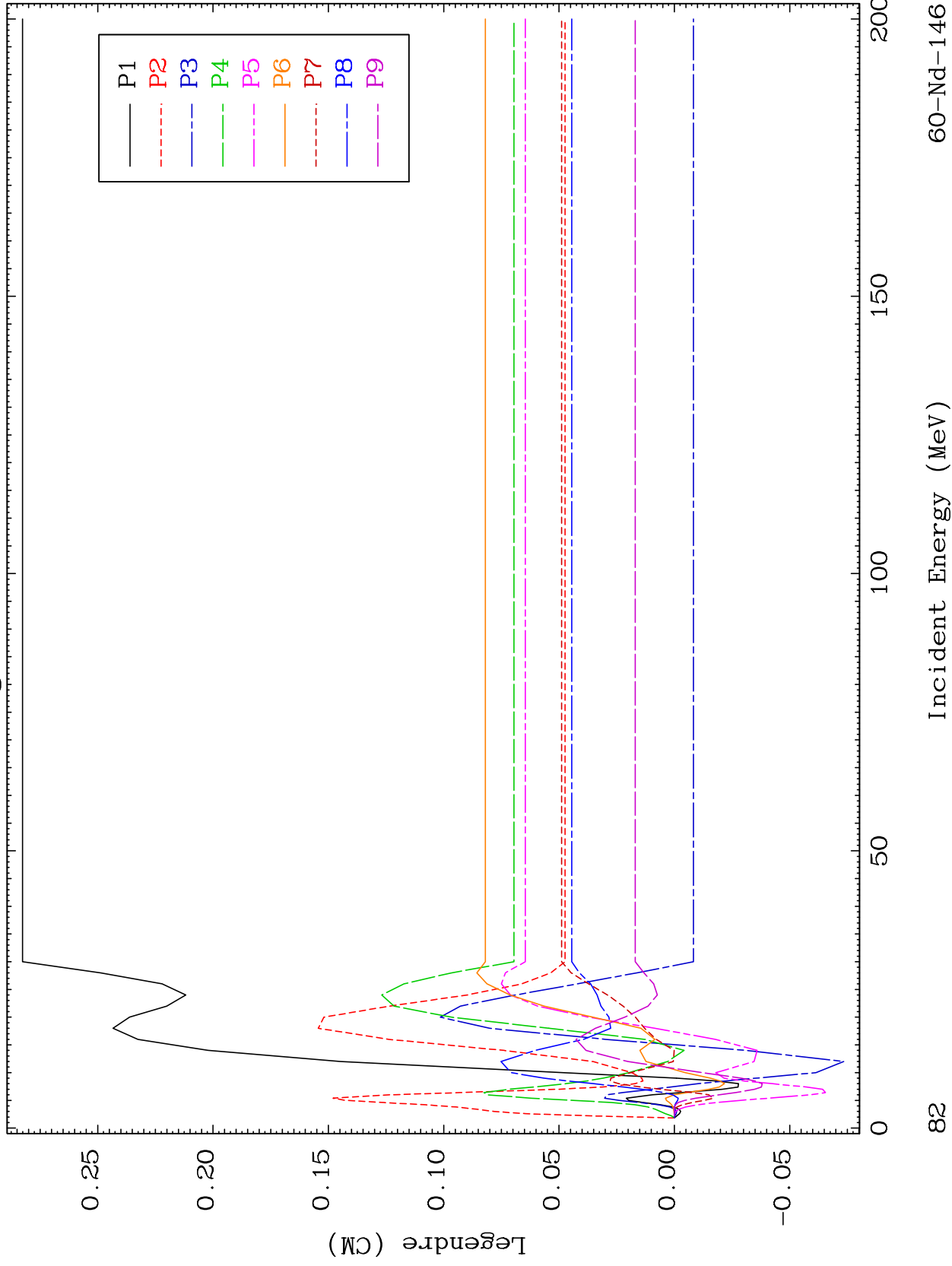
60-Nd-146



MAT 6037

1.812 MeV (n, n') Level
Legendre Coefficients

60-Nd-146



60-Nd-146

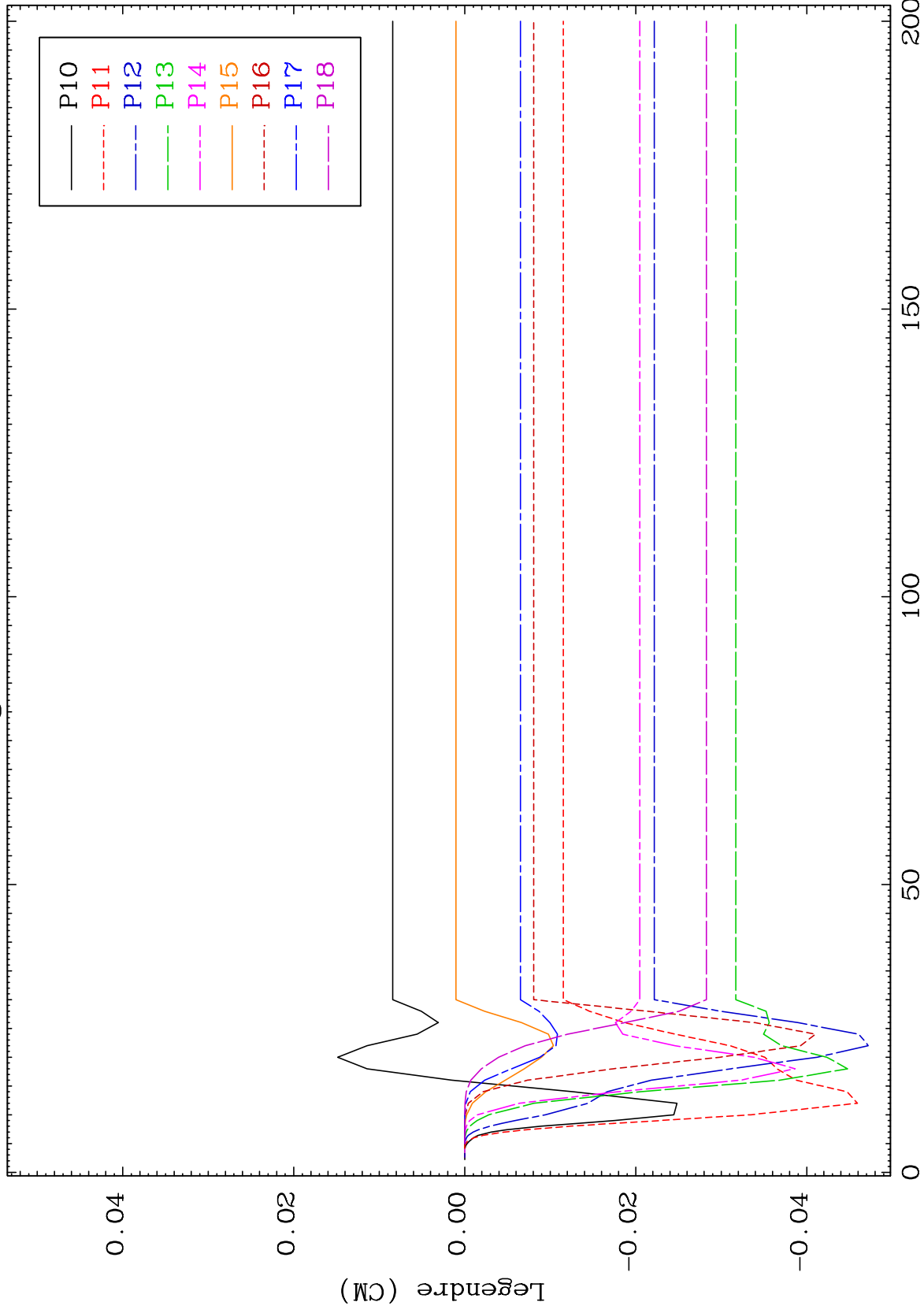
Incident Energy (MeV)

82

MAT 6037

1.812 MeV (n,n') Level
Legendre Coefficients

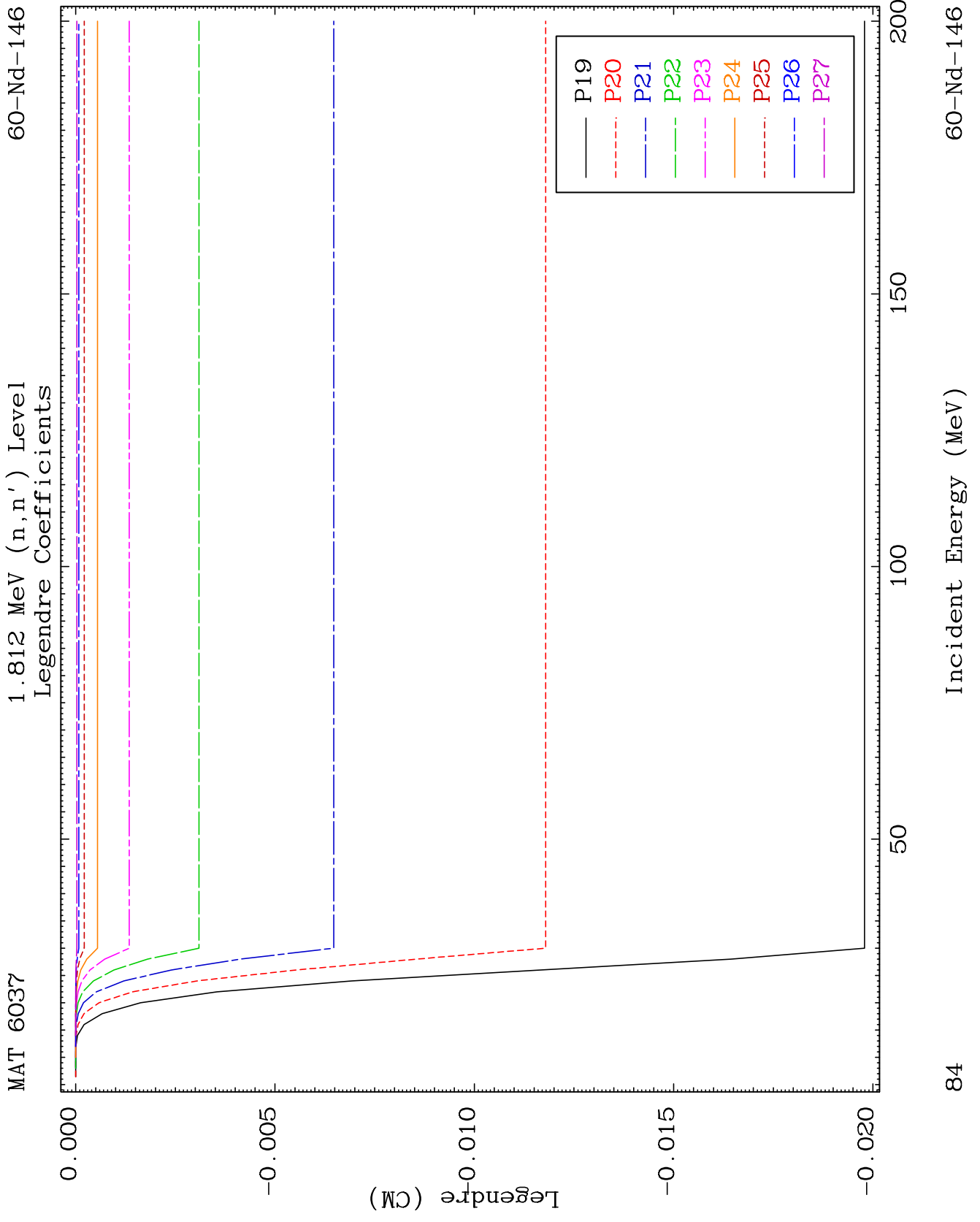
60-Nd-146

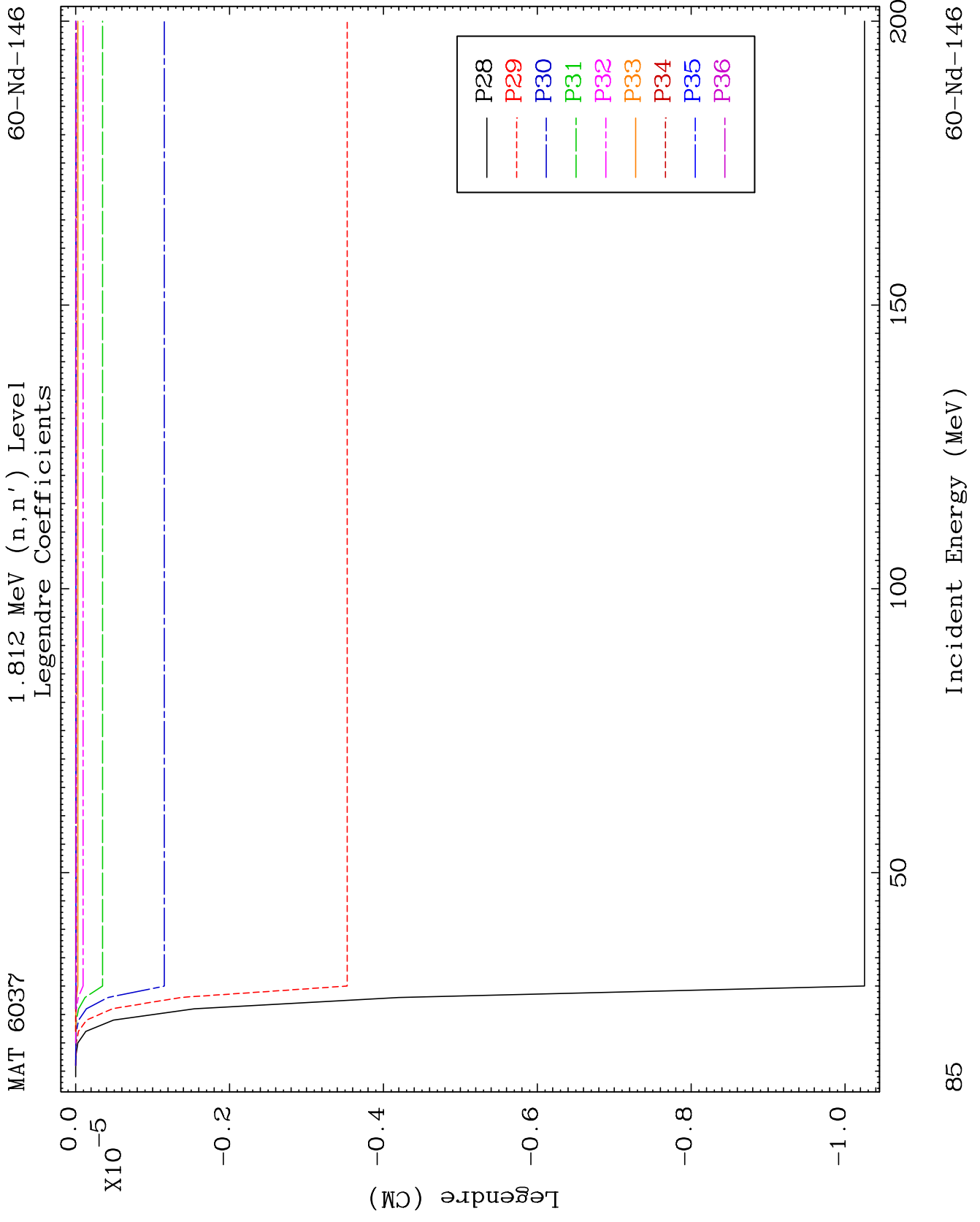


83

Incident Energy (MeV)

60-Nd-146

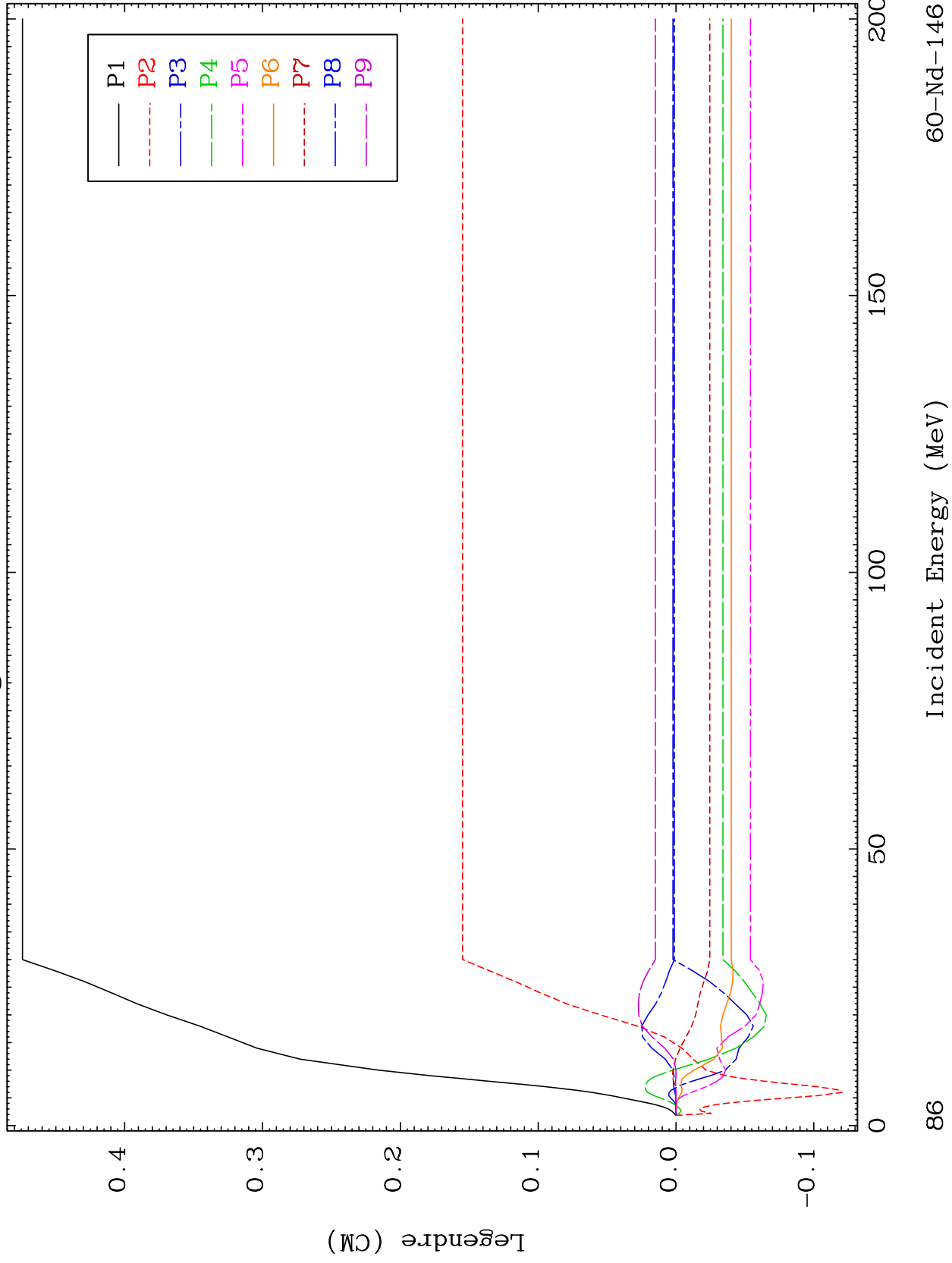




MAT 6037

1.834 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



60-Nd-146

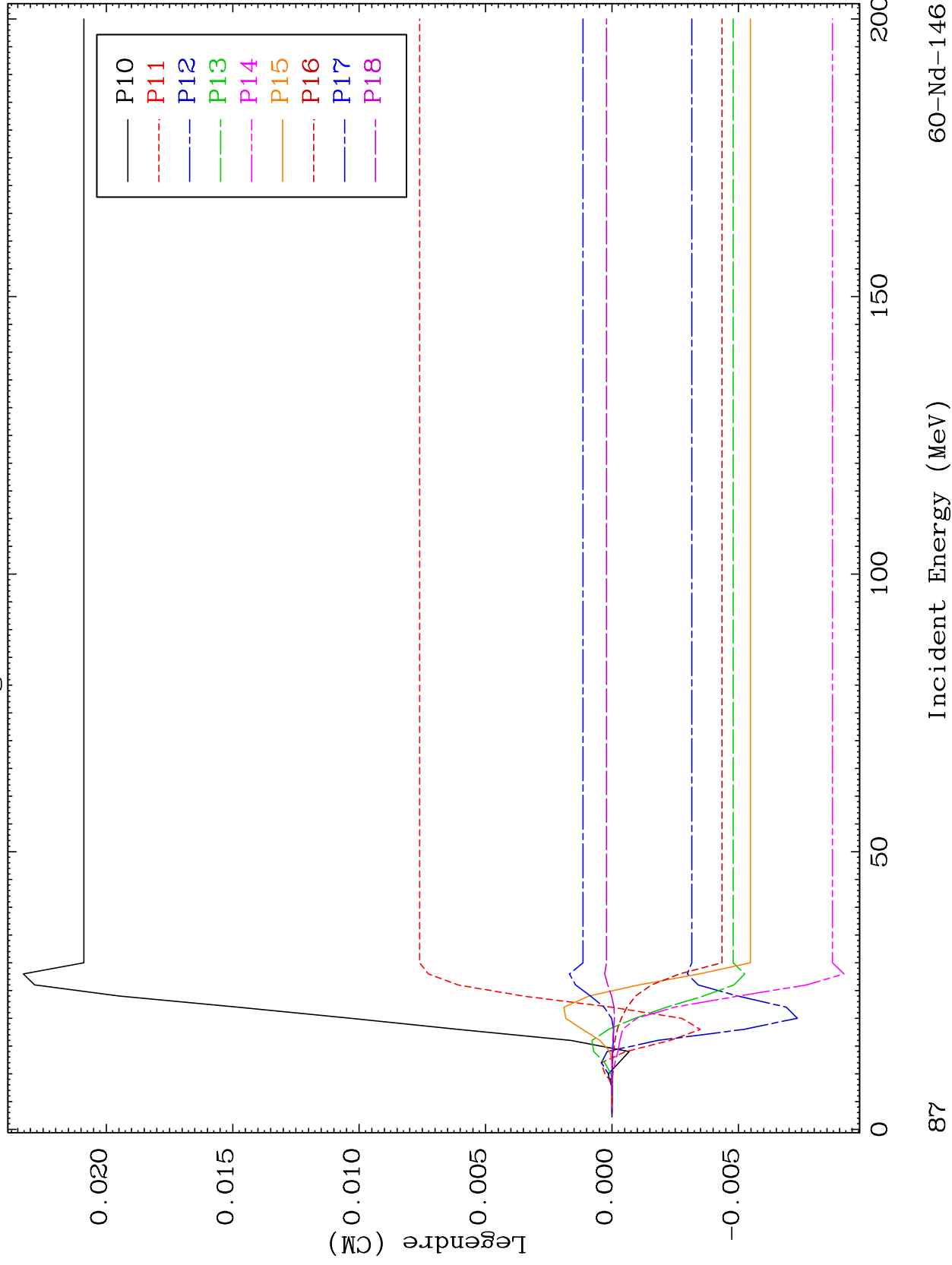
Incident Energy (MeV)

86

MAT 6037

1.834 MeV (n,n') Level
Legendre Coefficients

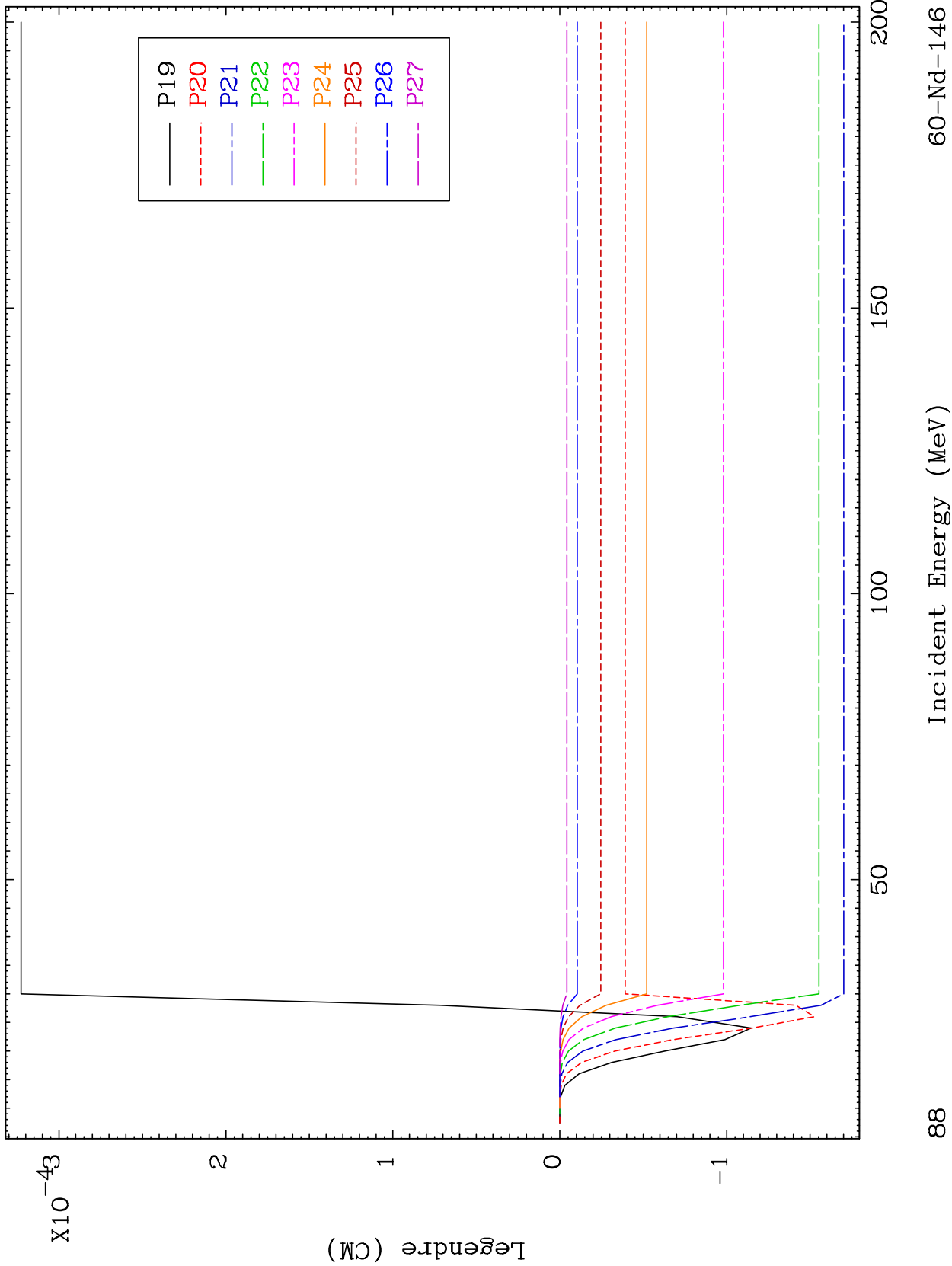
60-Nd-146

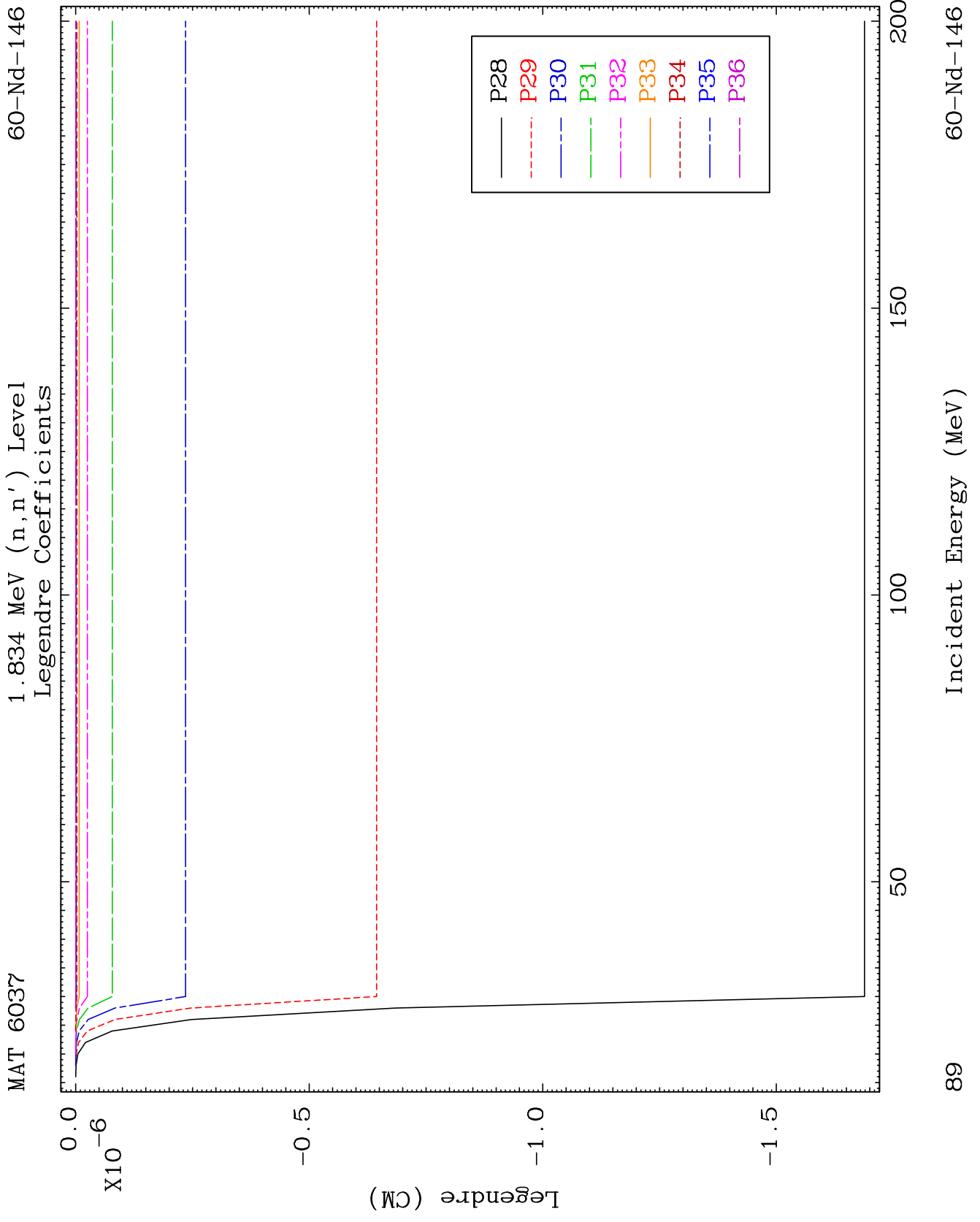


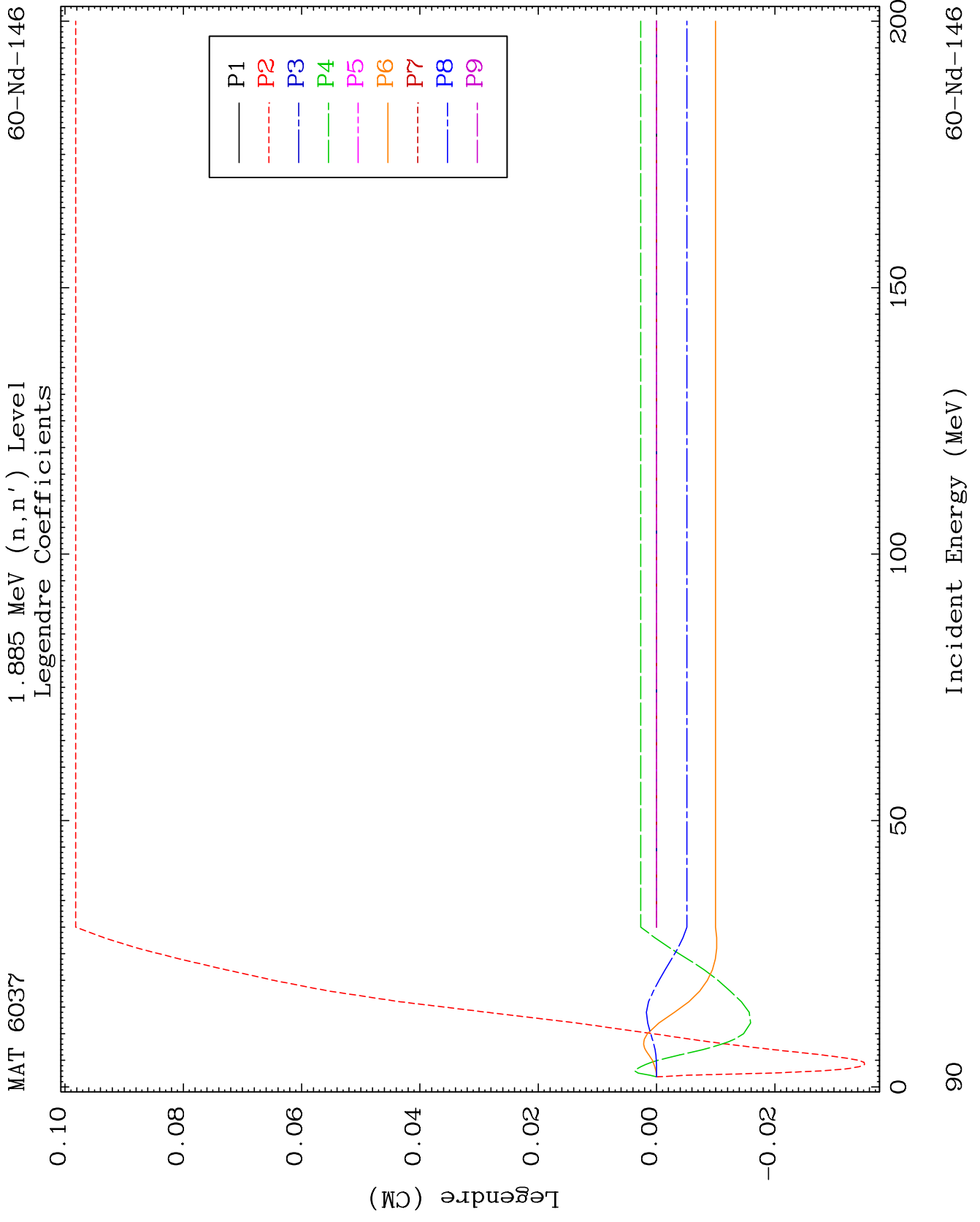
87

Incident Energy (MeV)

60-Nd-146



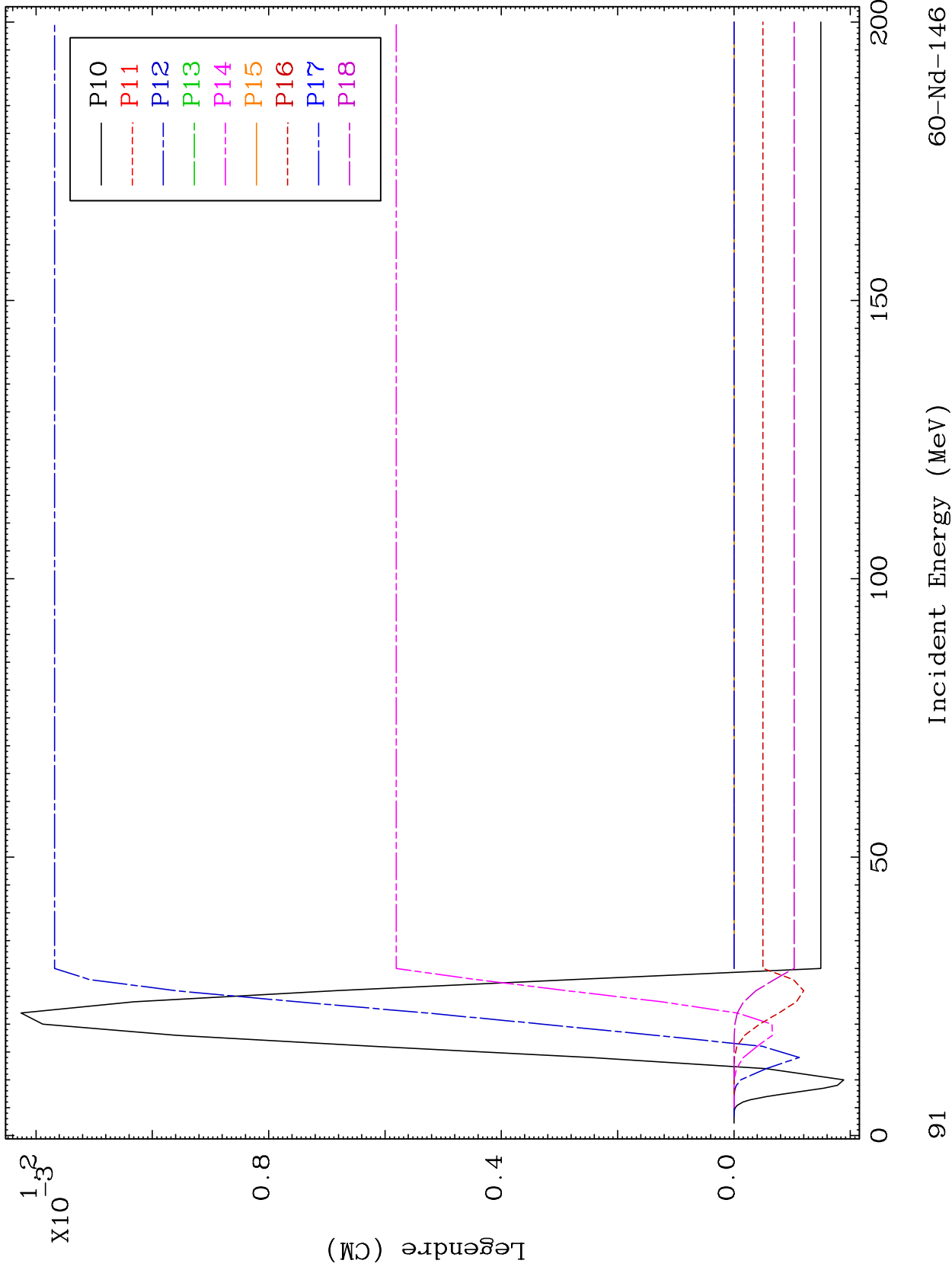




MAT 6037

1.885 MeV (n,n') Level
Legendre Coefficients

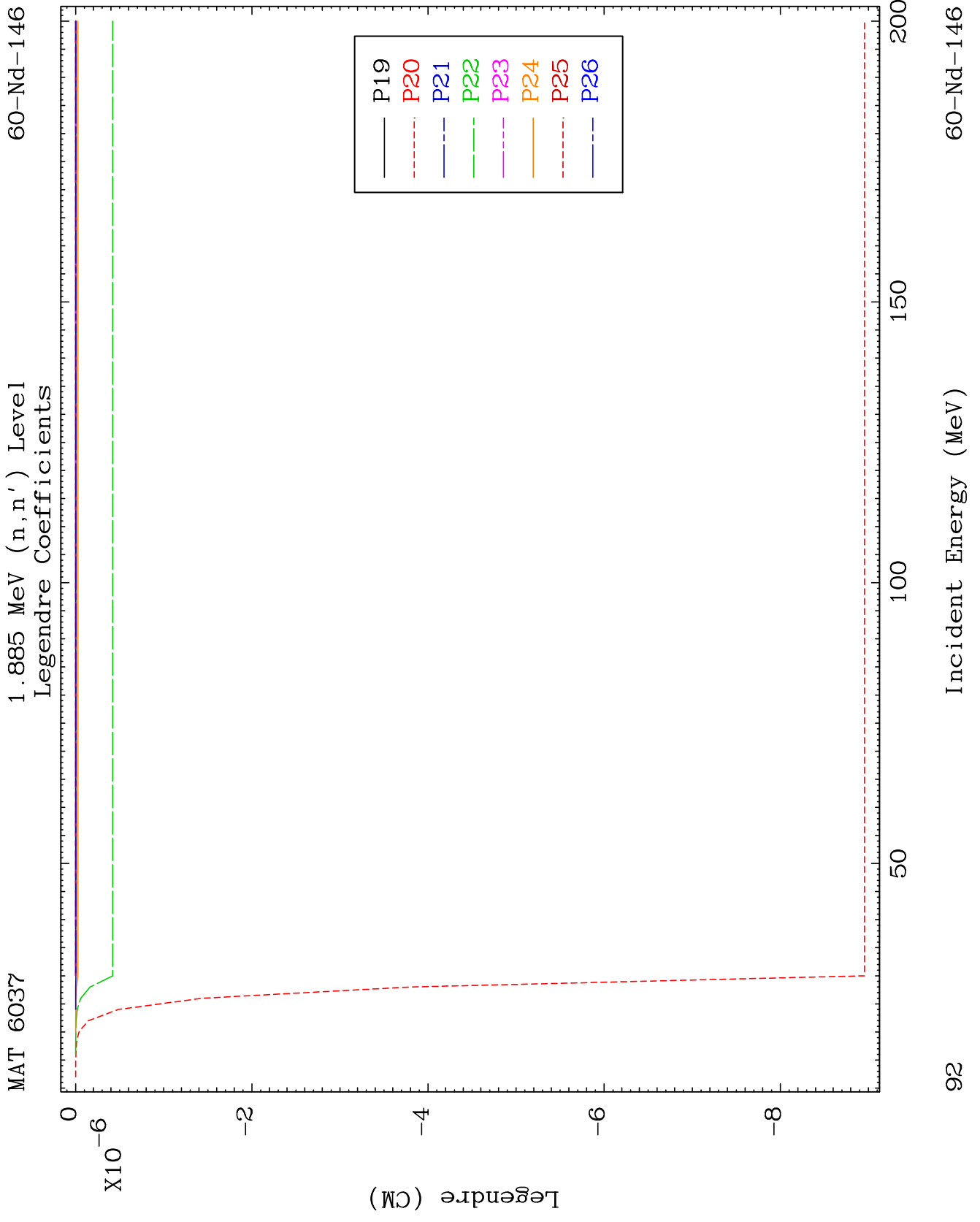
60-Nd-146

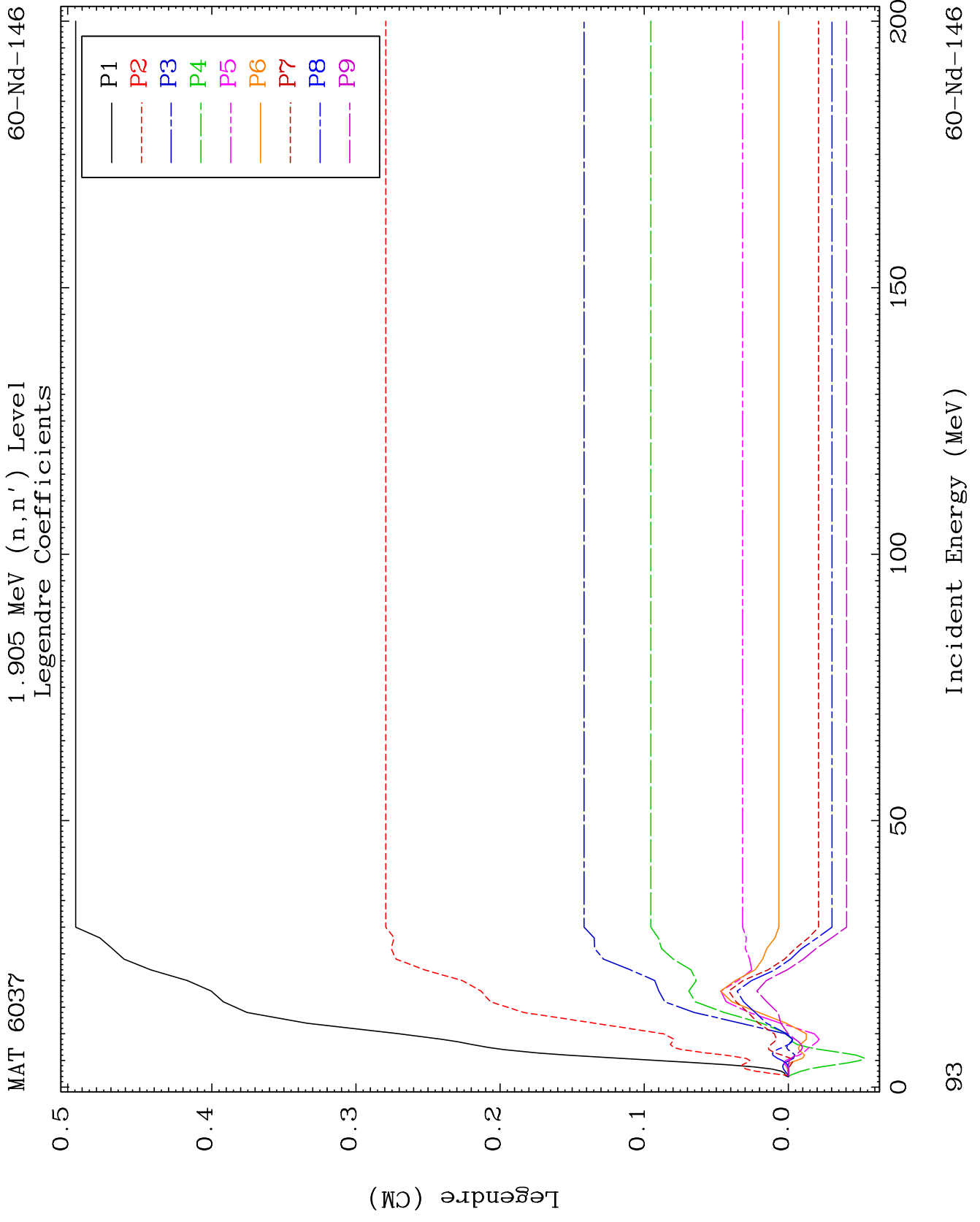


91

Incident Energy (MeV)

60-Nd-146

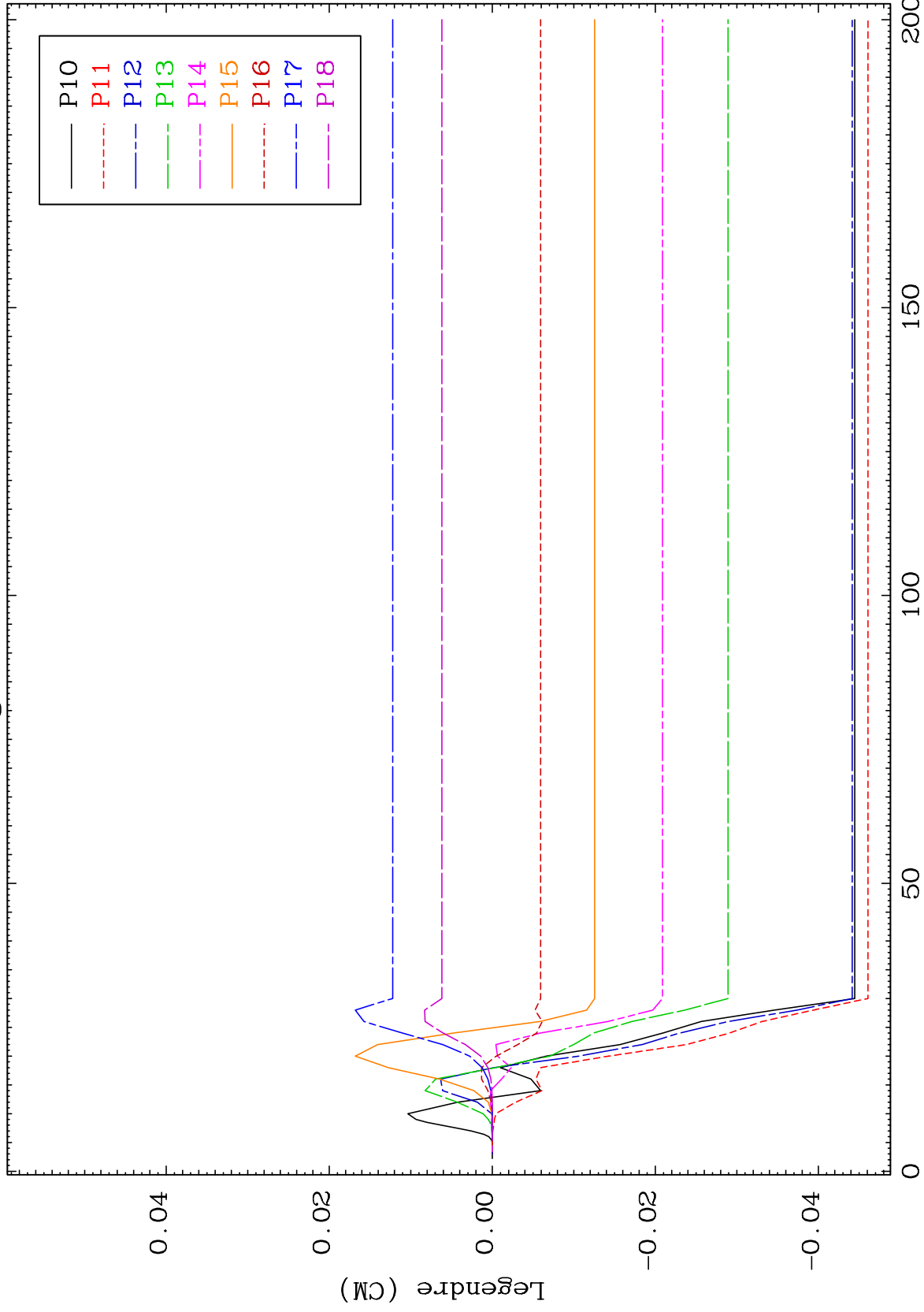




MAT 6037

1.905 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



94

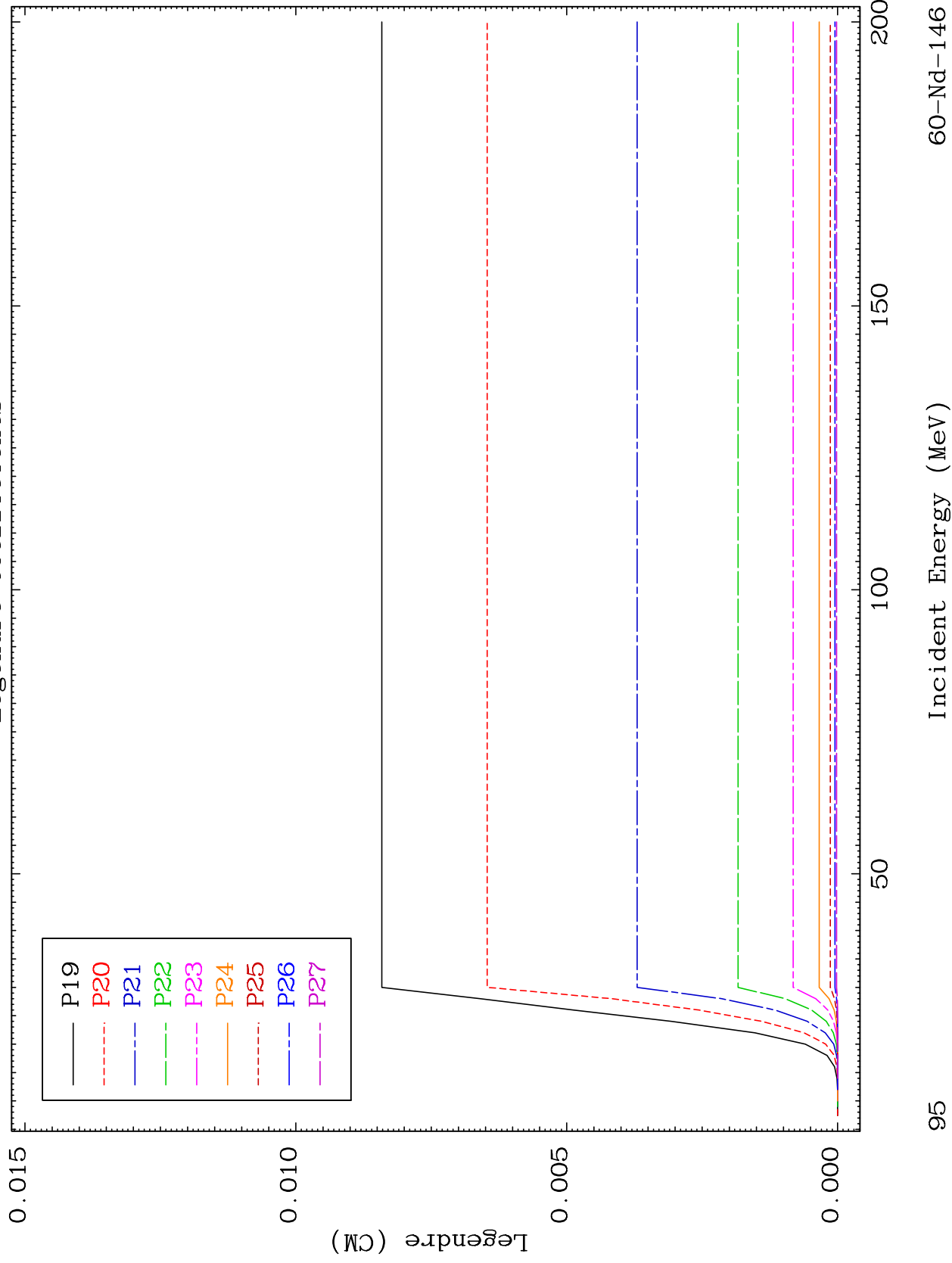
Incident Energy (MeV)

60-Nd-146

MAT 6037

1.905 MeV (n,n') Level
Legendre Coefficients

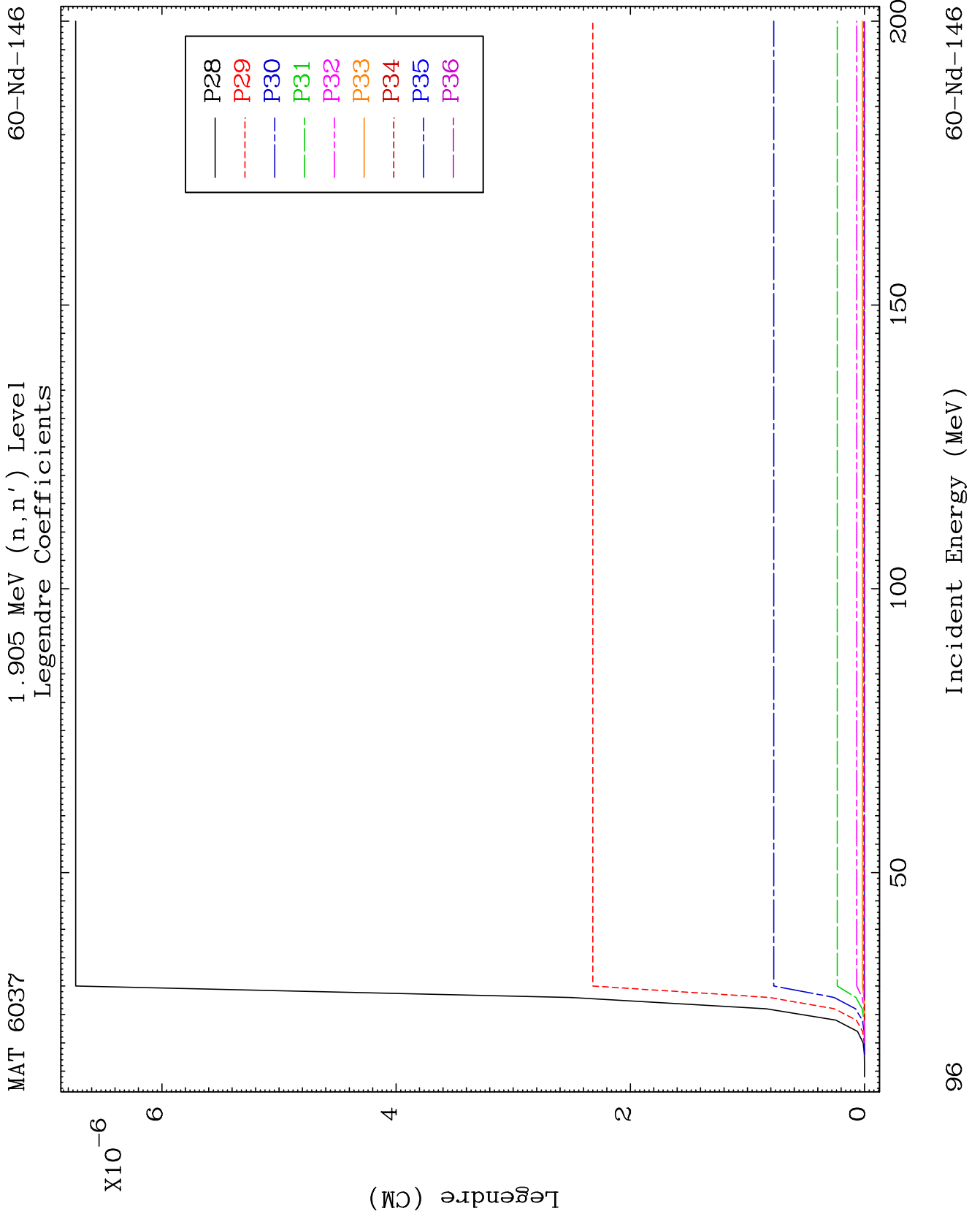
60-Nd-146



95

Incident Energy (MeV)

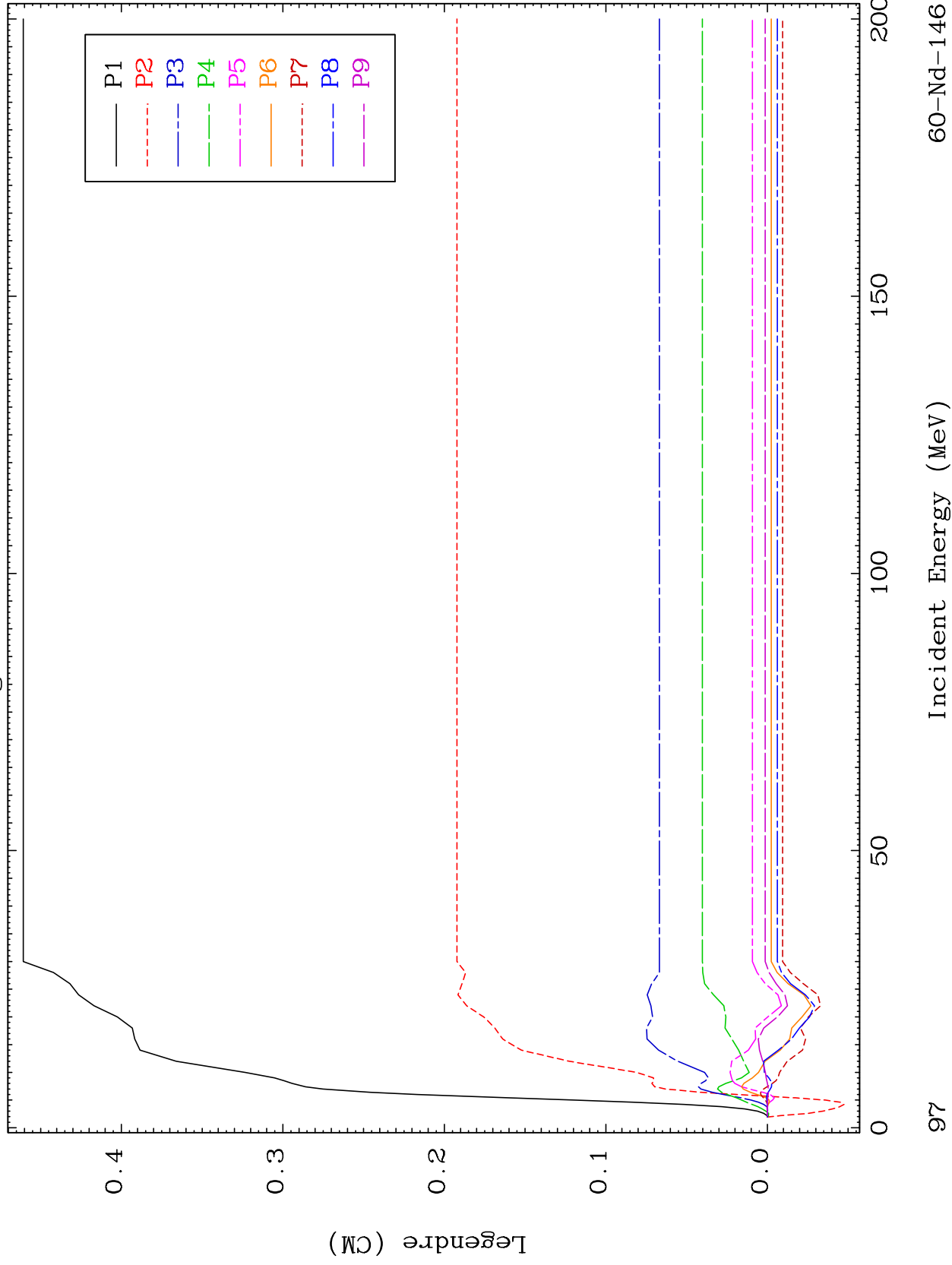
60-Nd-146



MAT 6037

1.919 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



60-Nd-146

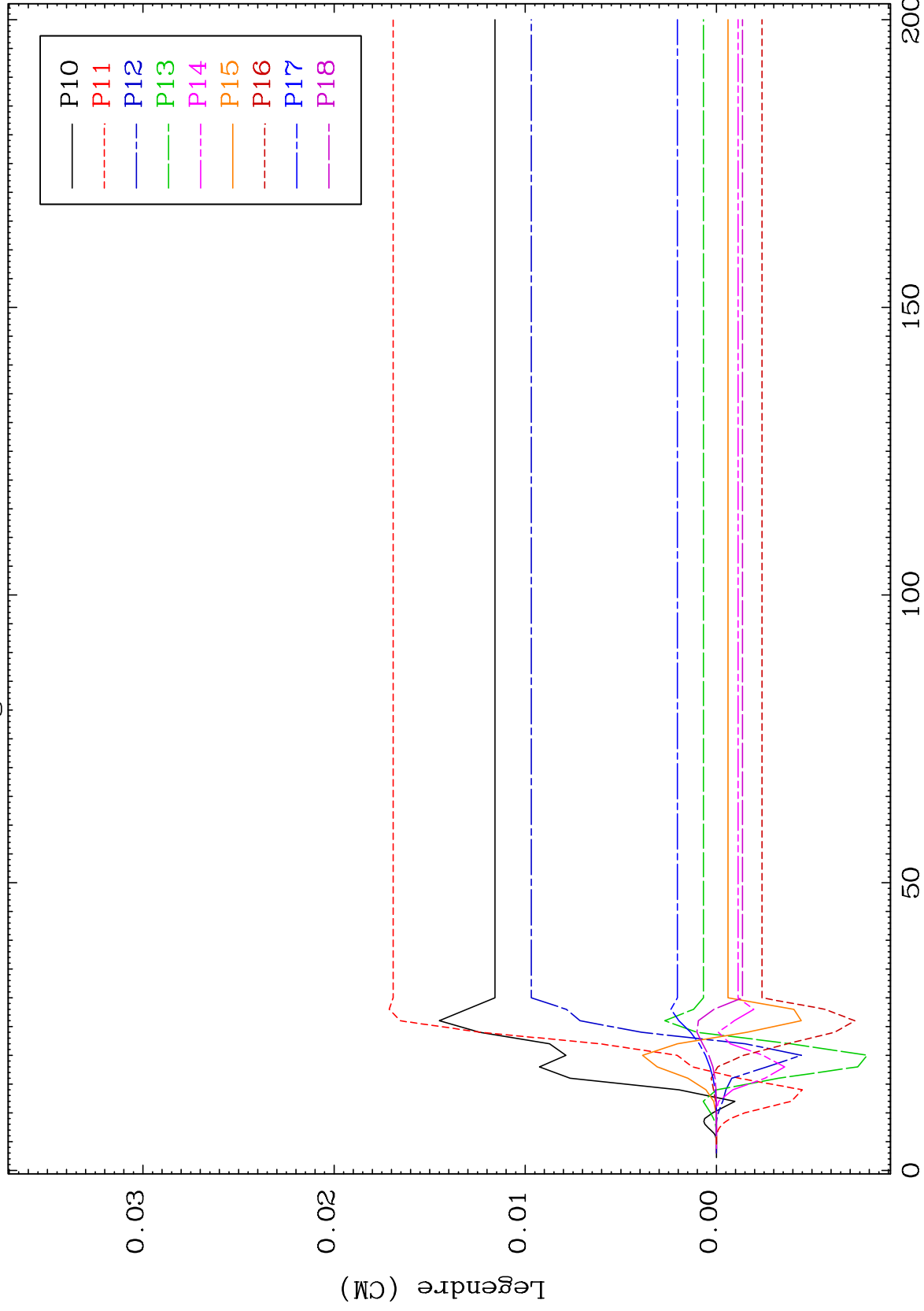
Incident Energy (MeV)

97

MAT 6037

1.919 MeV (n,n') Level
Legendre Coefficients

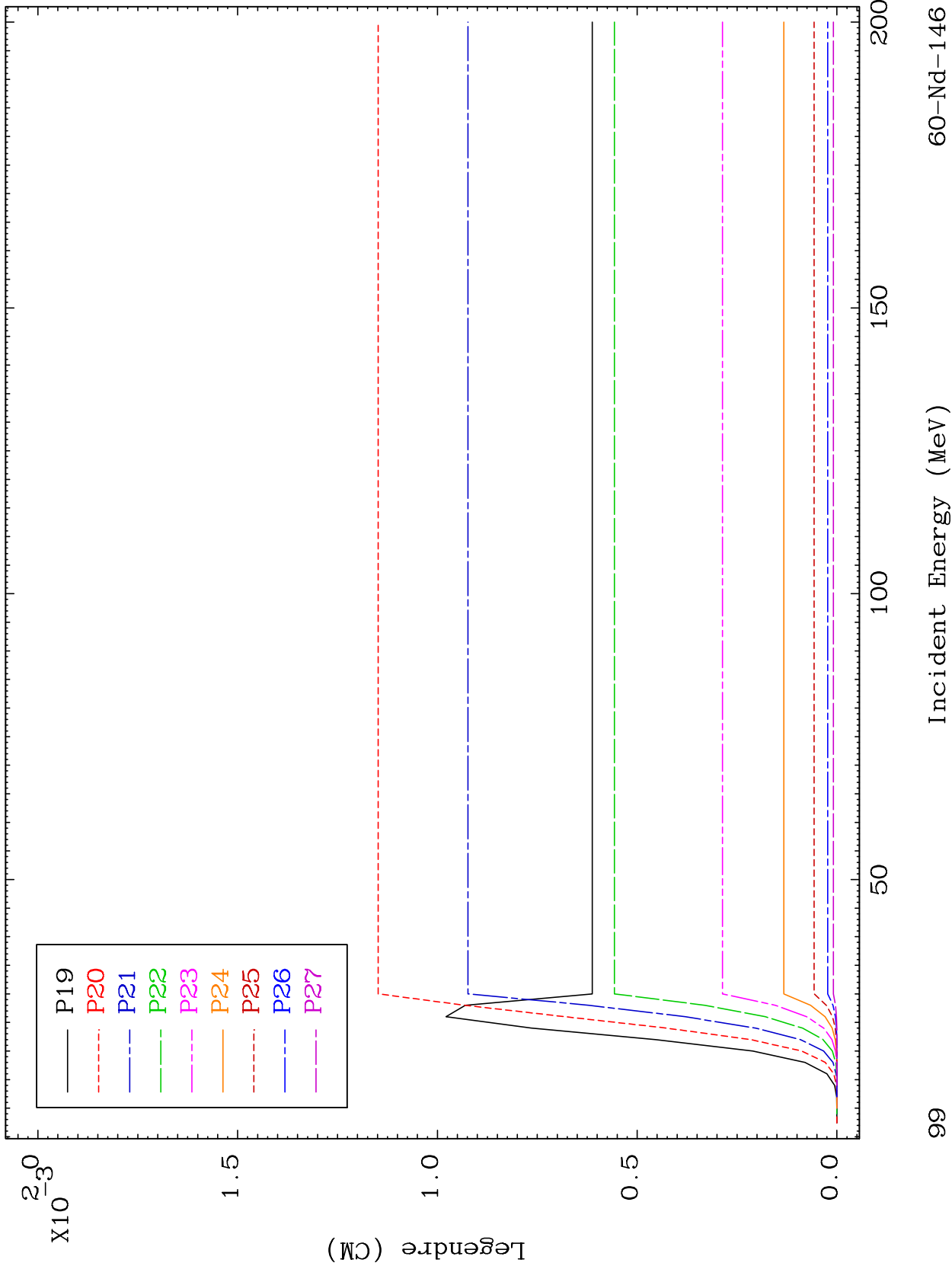
60-Nd-146



98

Incident Energy (MeV)

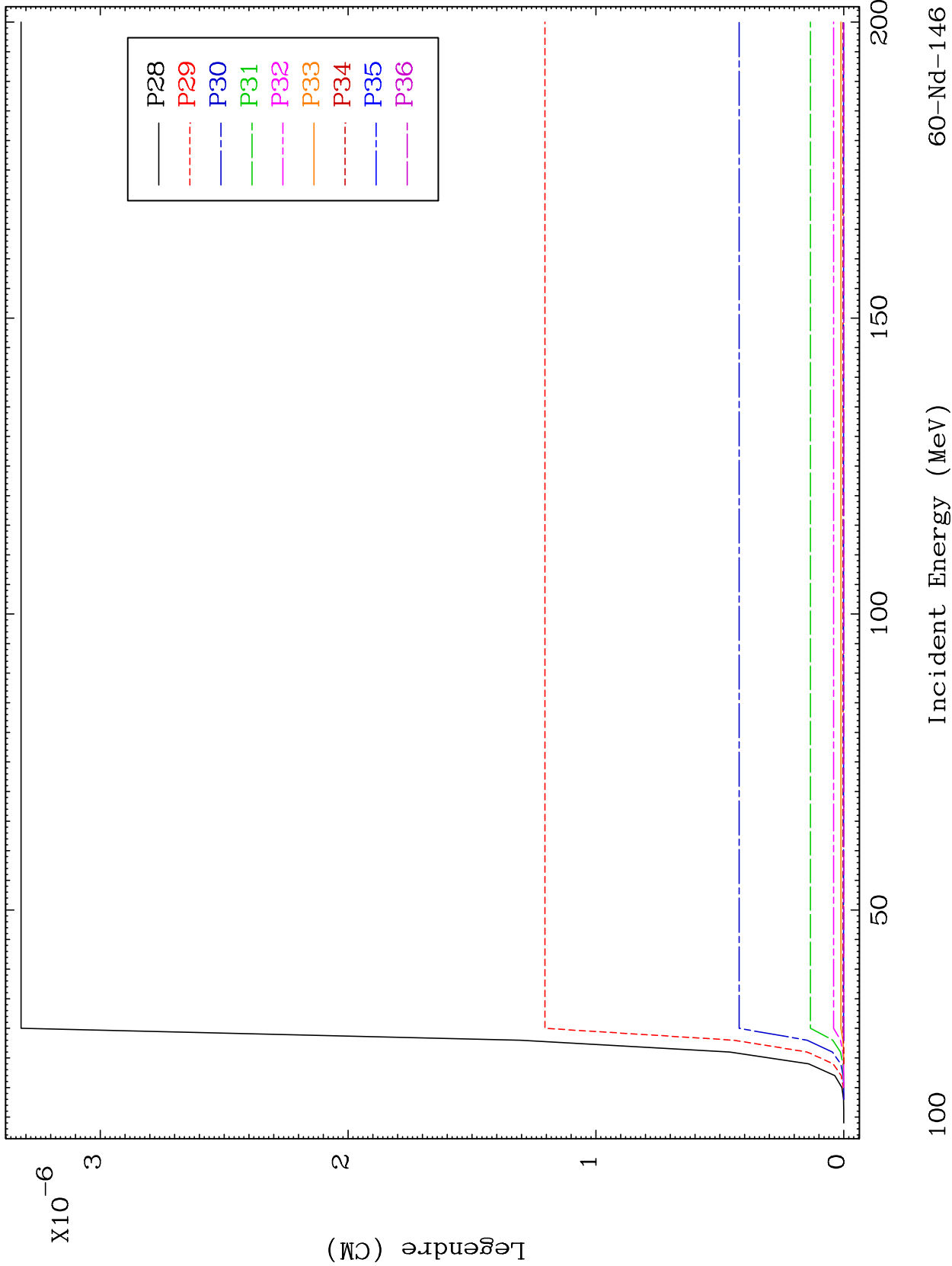
60-Nd-146

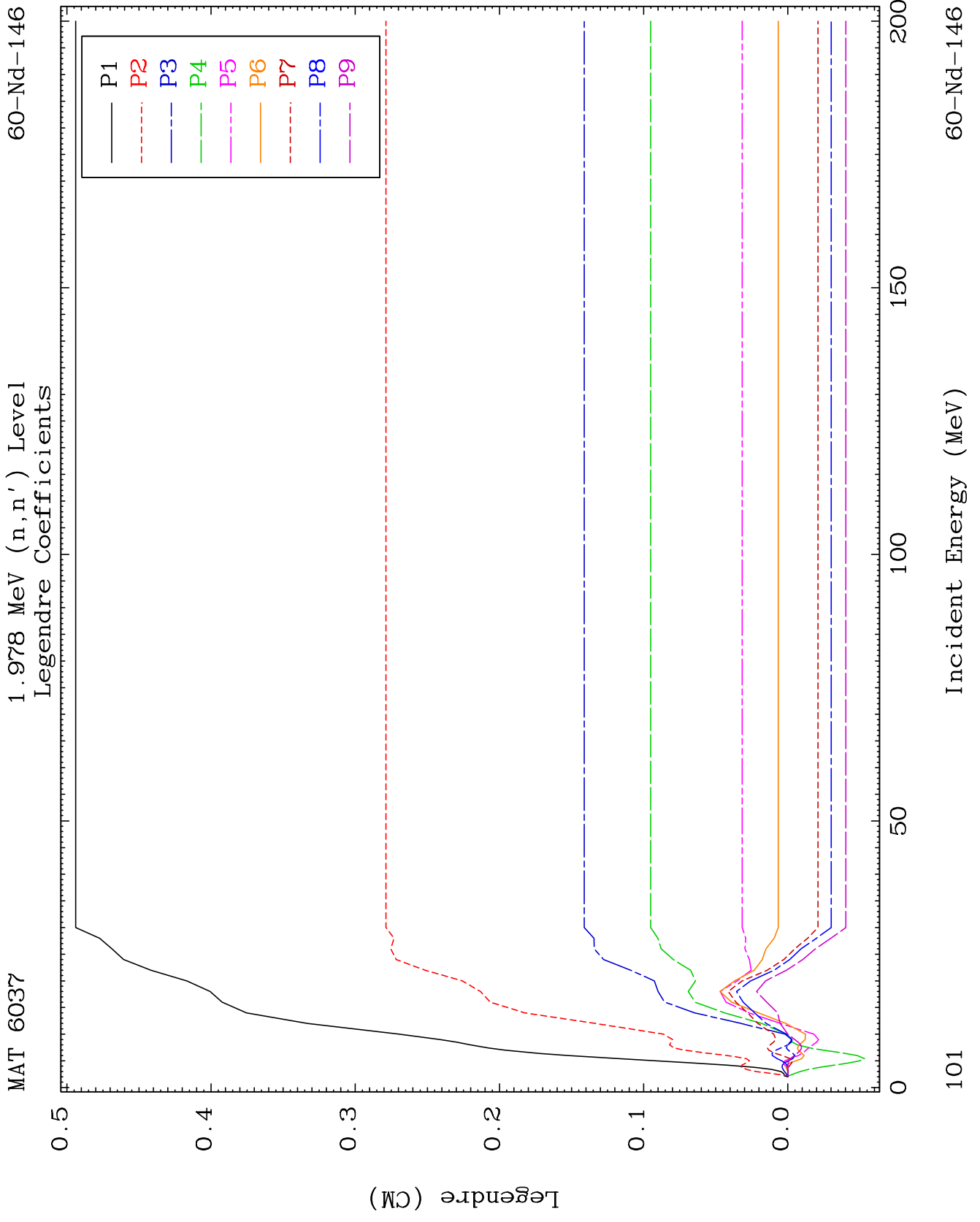


MAT 6037

1.919 MeV (n,n') Level
Legendre Coefficients

60-Nd-146

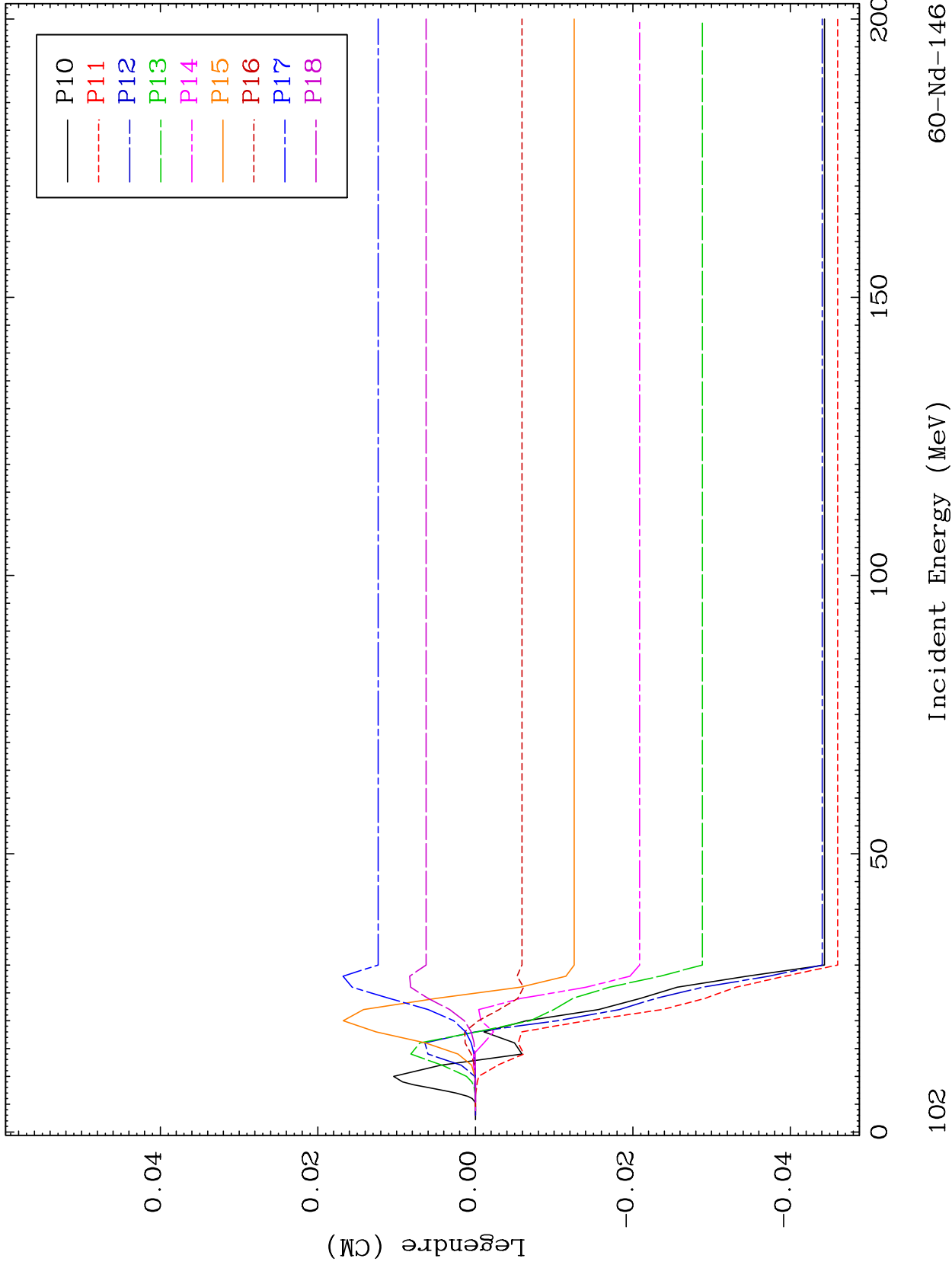




MAT 6037

1.978 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



60-Nd-146

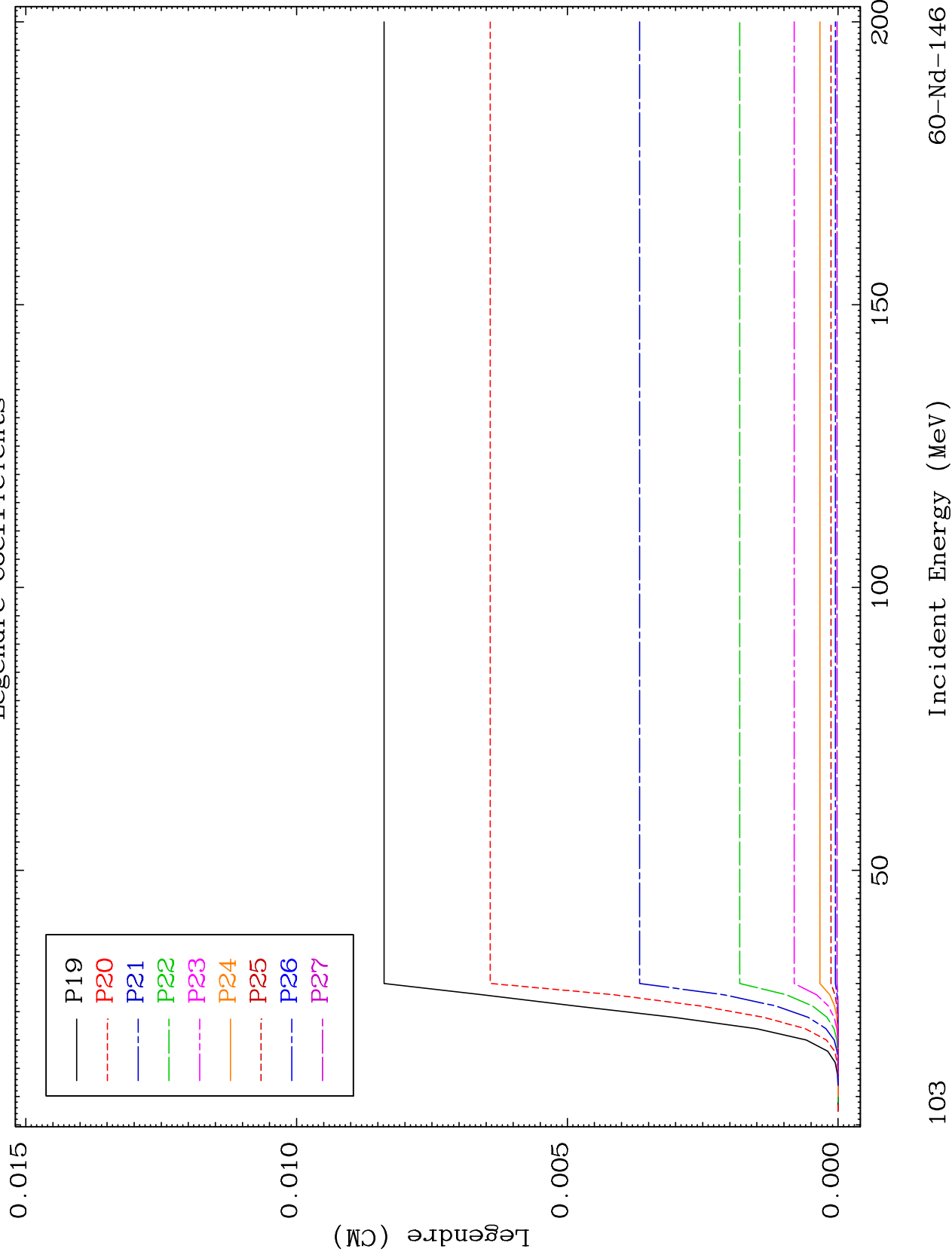
Incident Energy (MeV)

102

MAT 6037

1.978 MeV (n,n') Level
Legendre Coefficients

60-Nd-146

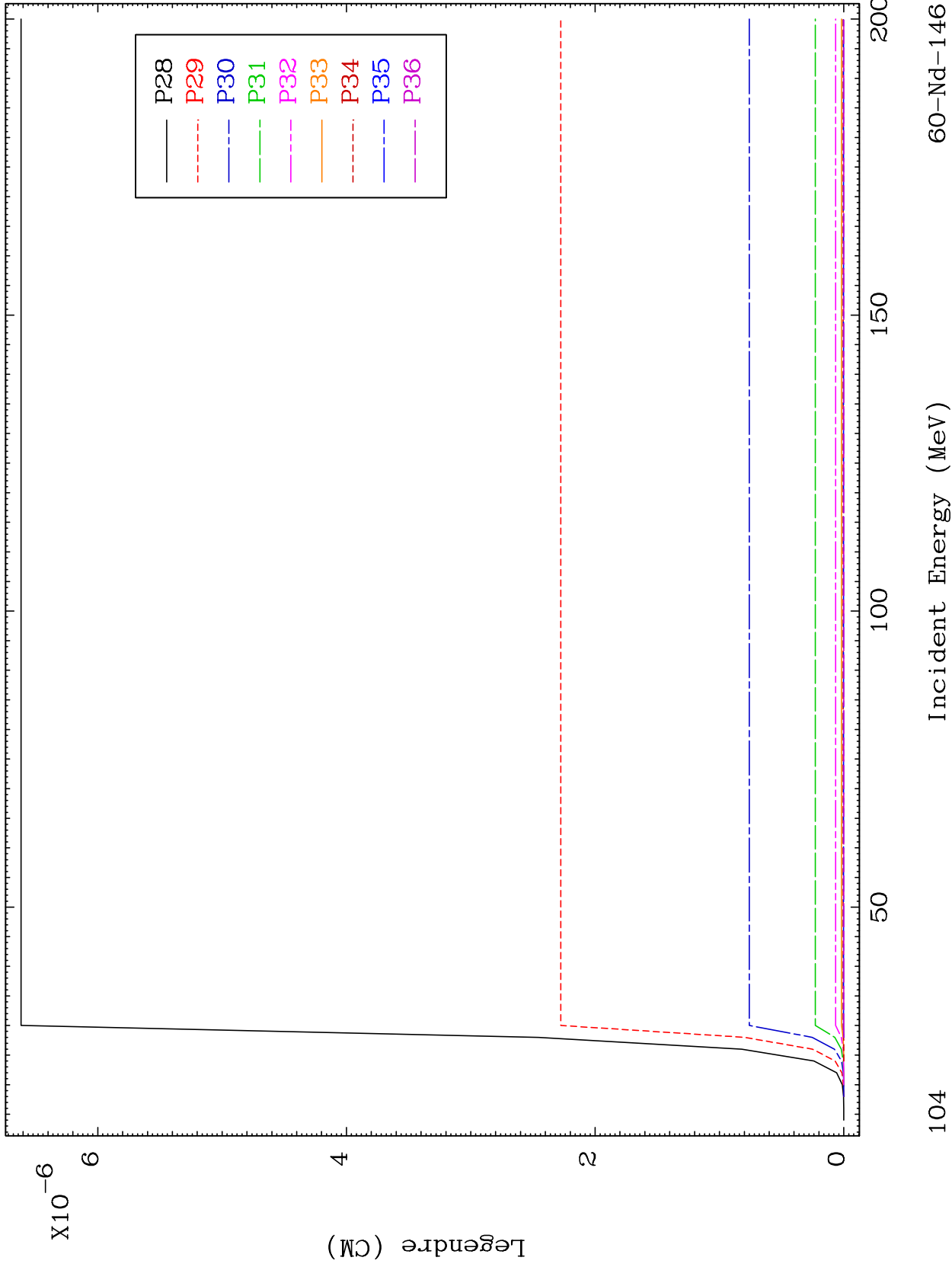


103

MAT 6037

1.978 MeV (n,n') Level
Legendre Coefficients

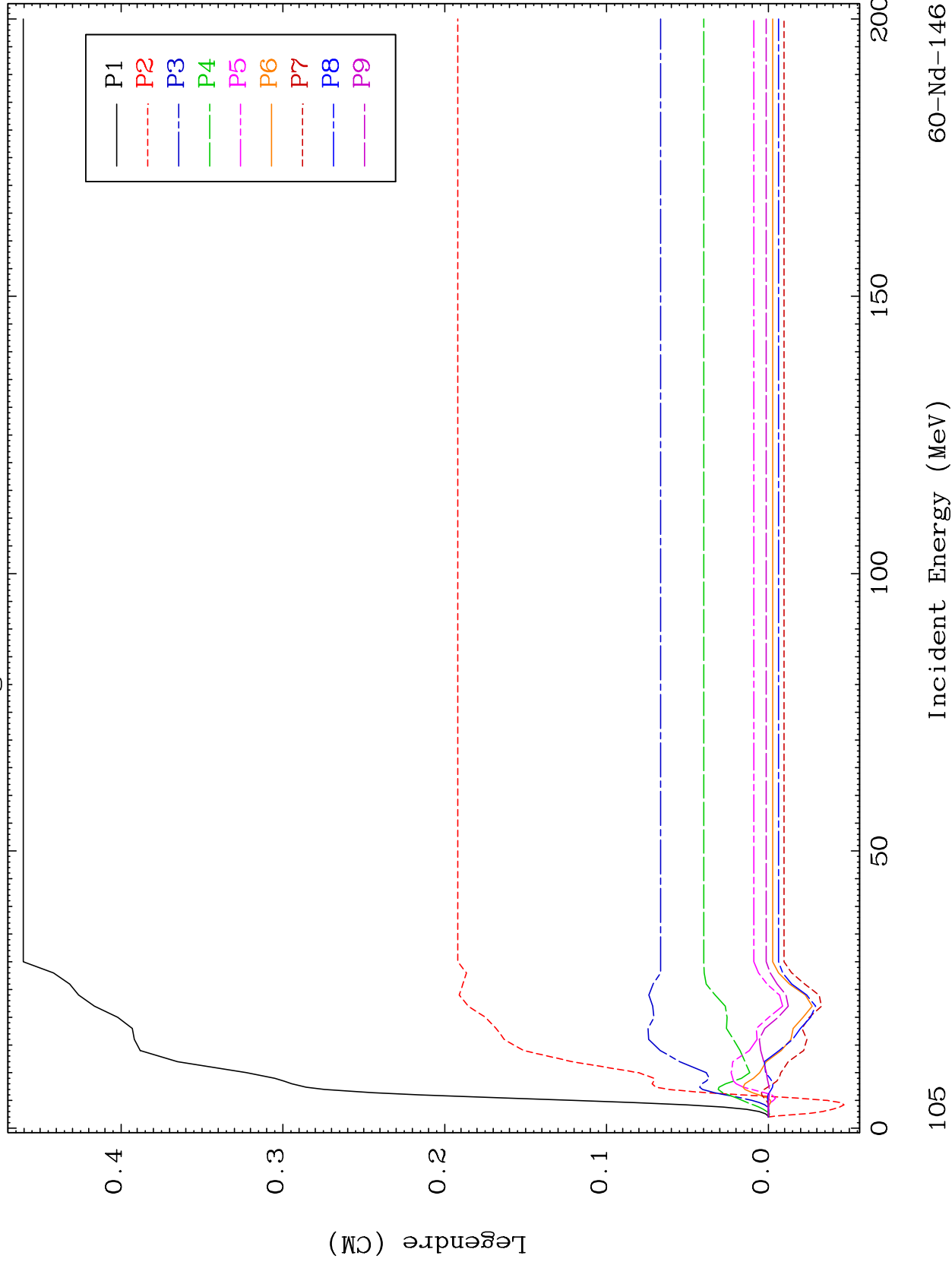
60-Nd-146



MAT 6037

1.989 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



60-Nd-146

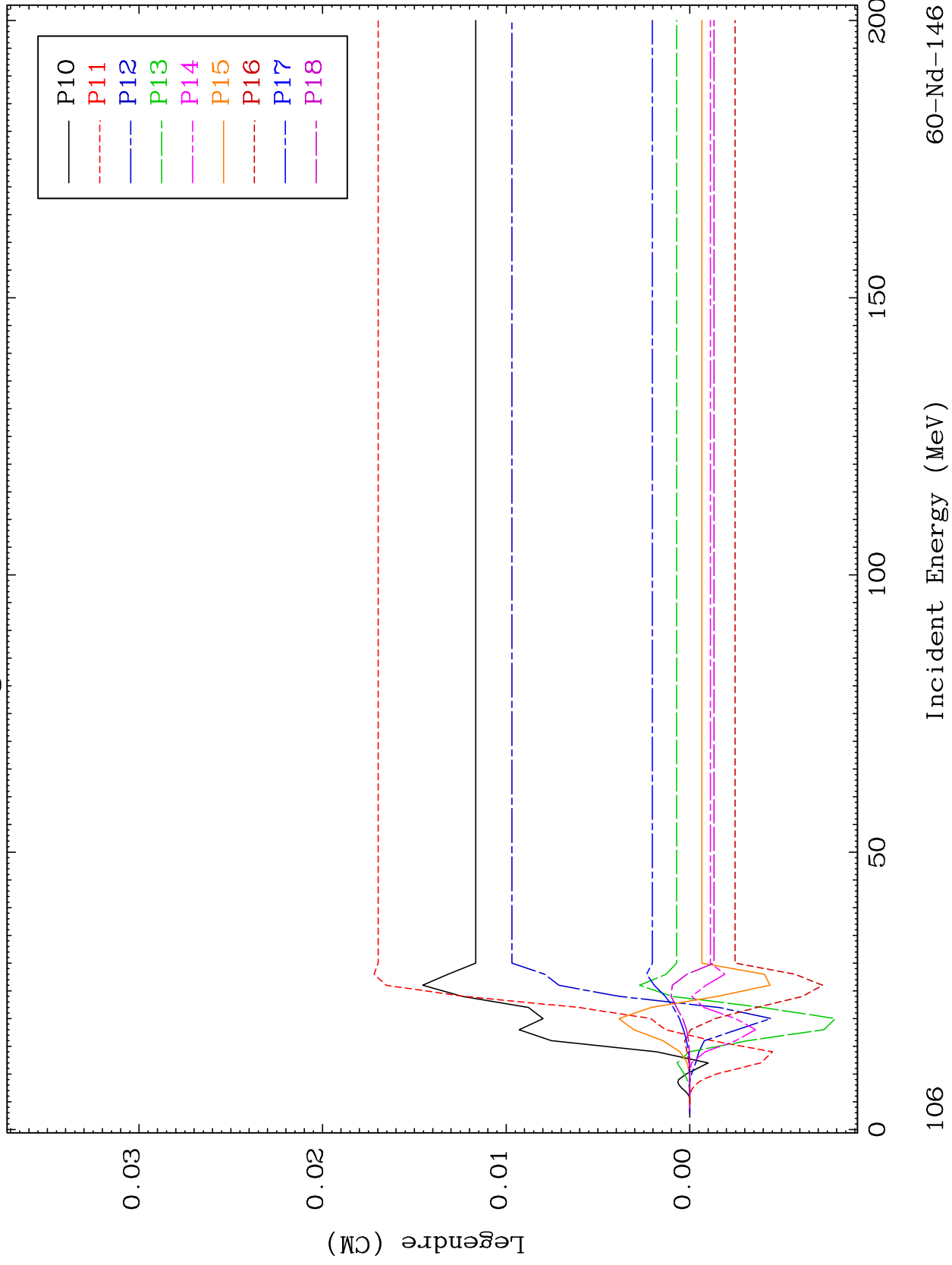
Incident Energy (MeV)

105

MAT 6037

1.989 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



60-Nd-146

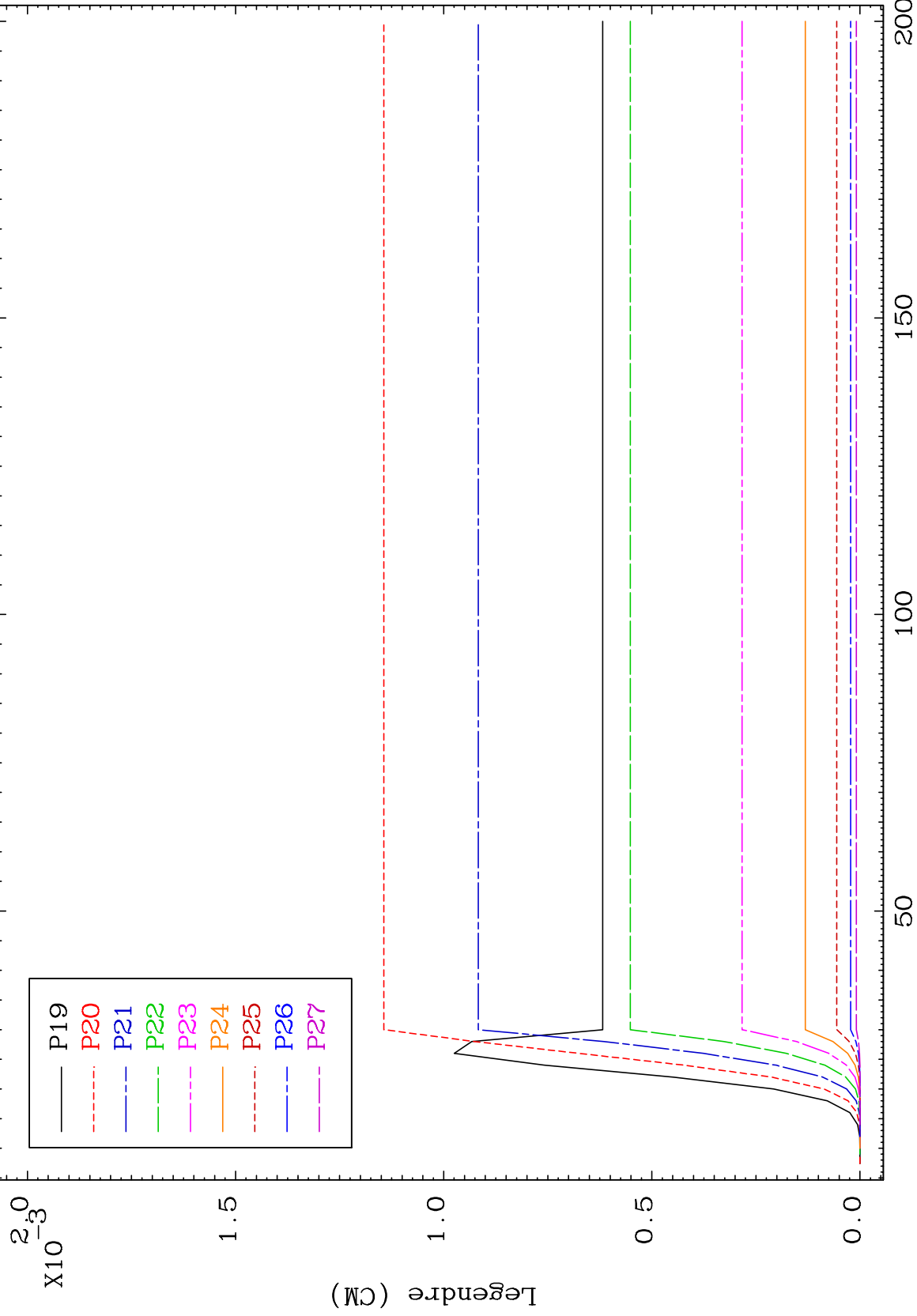
Incident Energy (MeV)

106

MAT 6037

1.989 MeV (n, n') Level
Legendre Coefficients

60-Nd-146



107

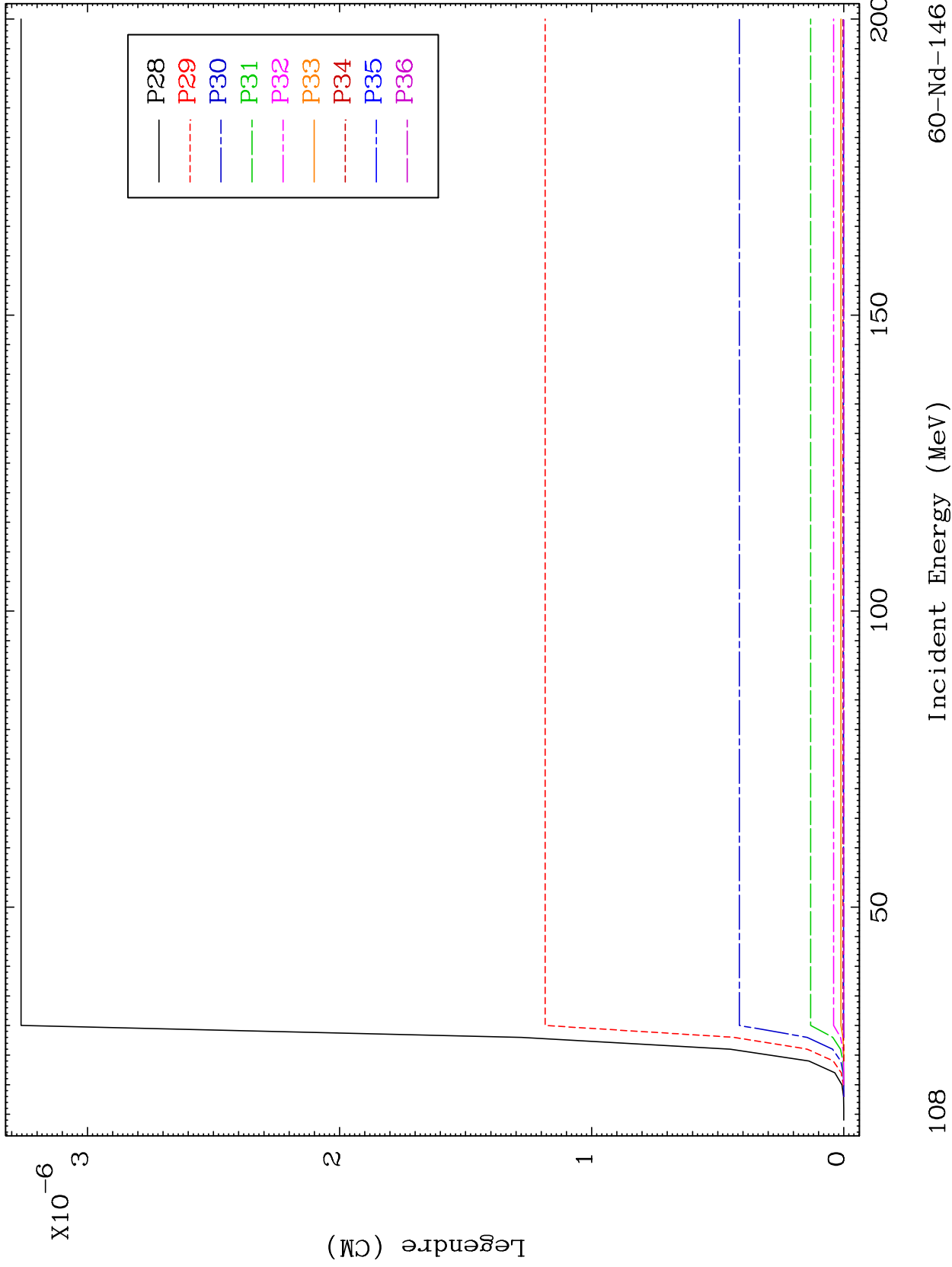
Incident Energy (MeV)

60-Nd-146

MAT 6037

1.989 MeV (n,n') Level
Legendre Coefficients

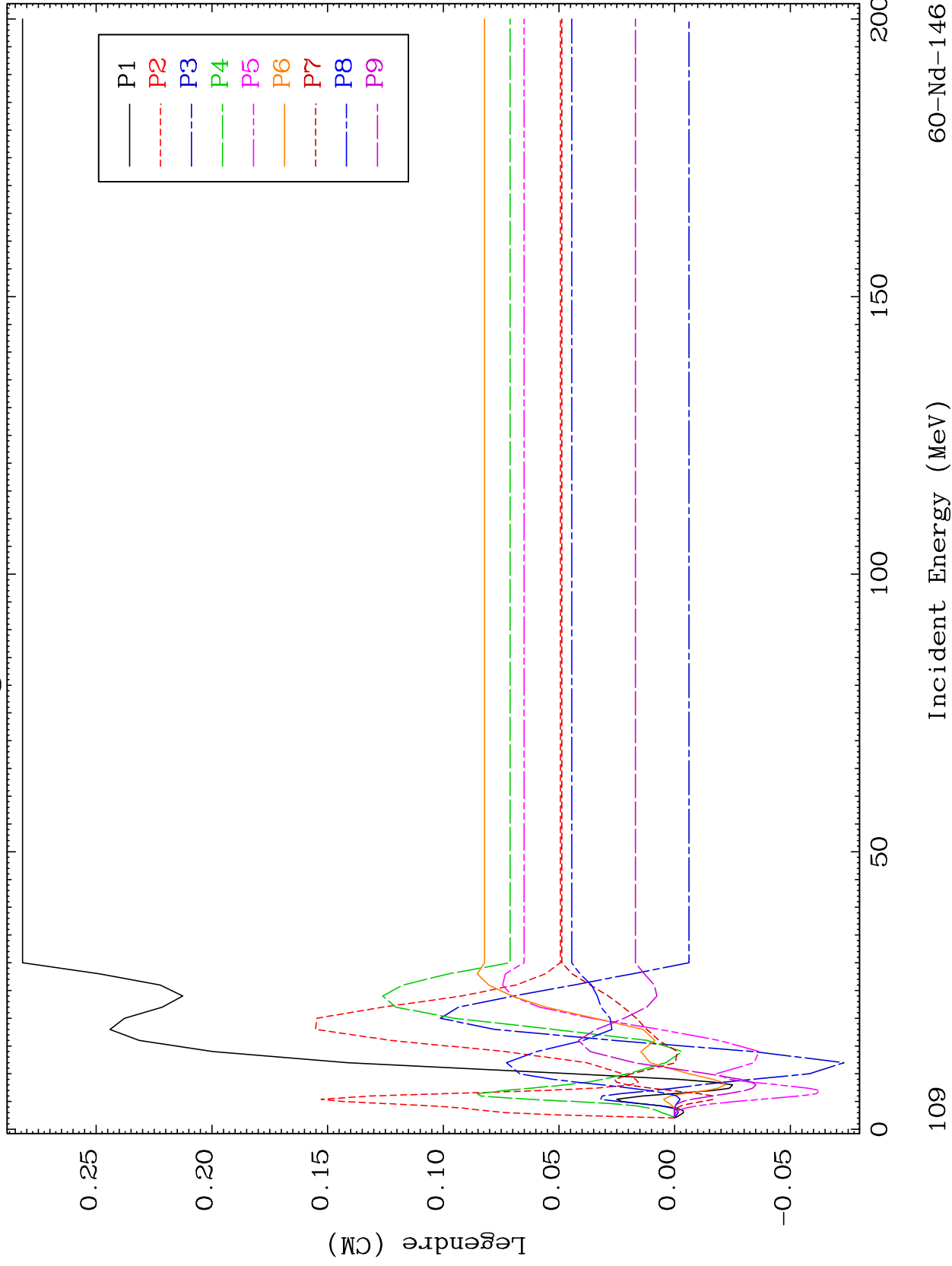
60-Nd-146



MAT 6037

2.027 MeV (n, n') Level
Legendre Coefficients

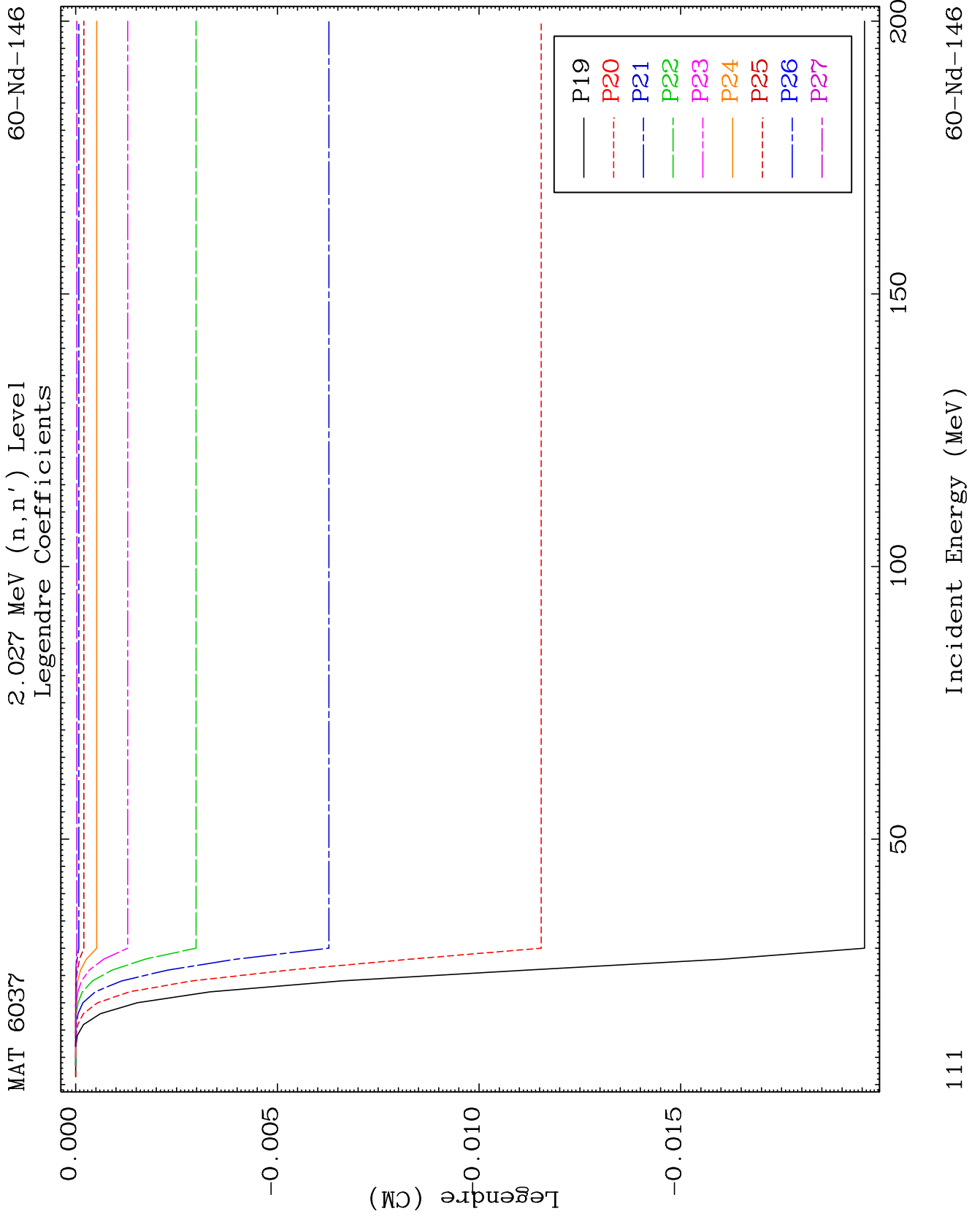
60-Nd-146

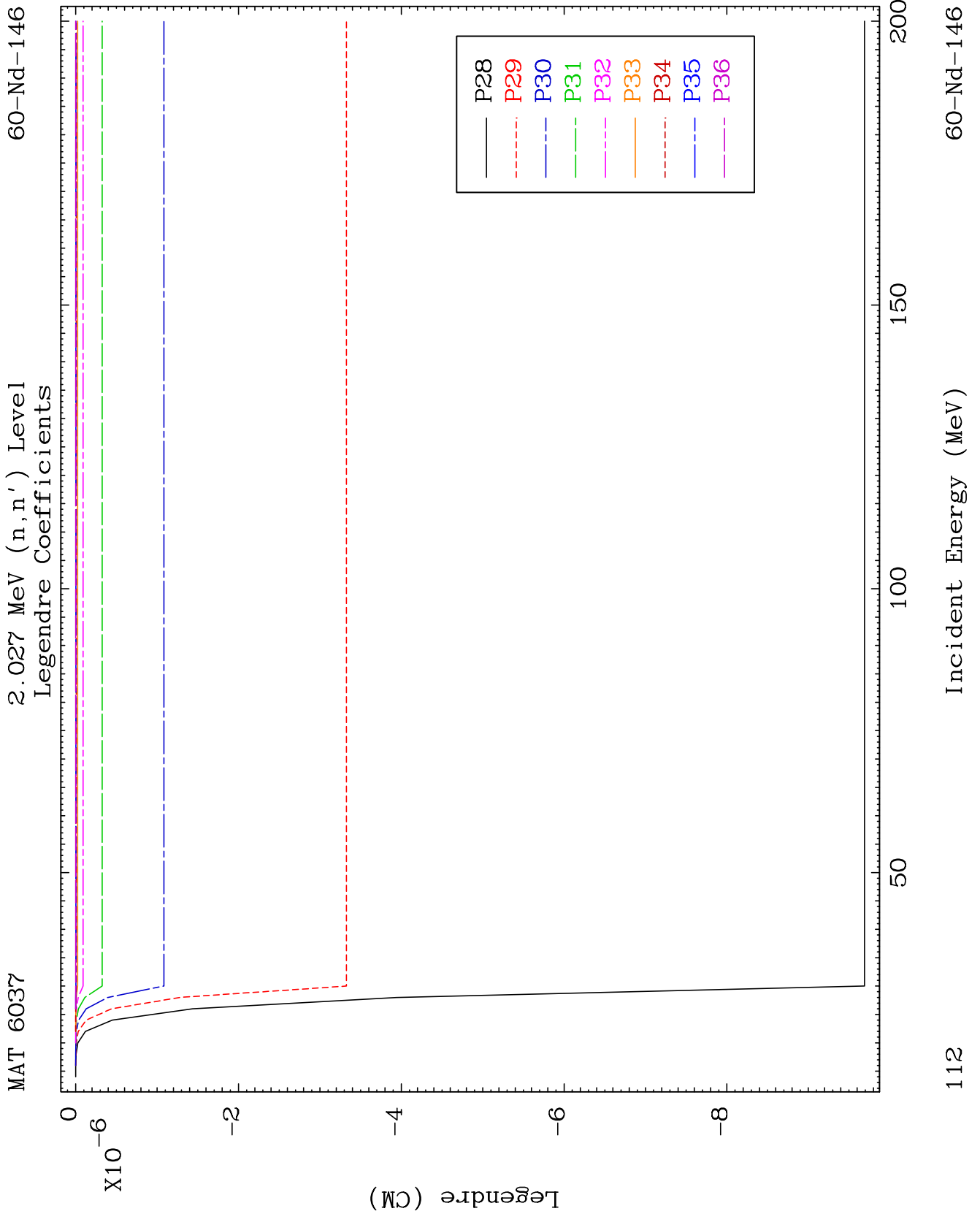


60-Nd-146

Incident Energy (MeV)

109

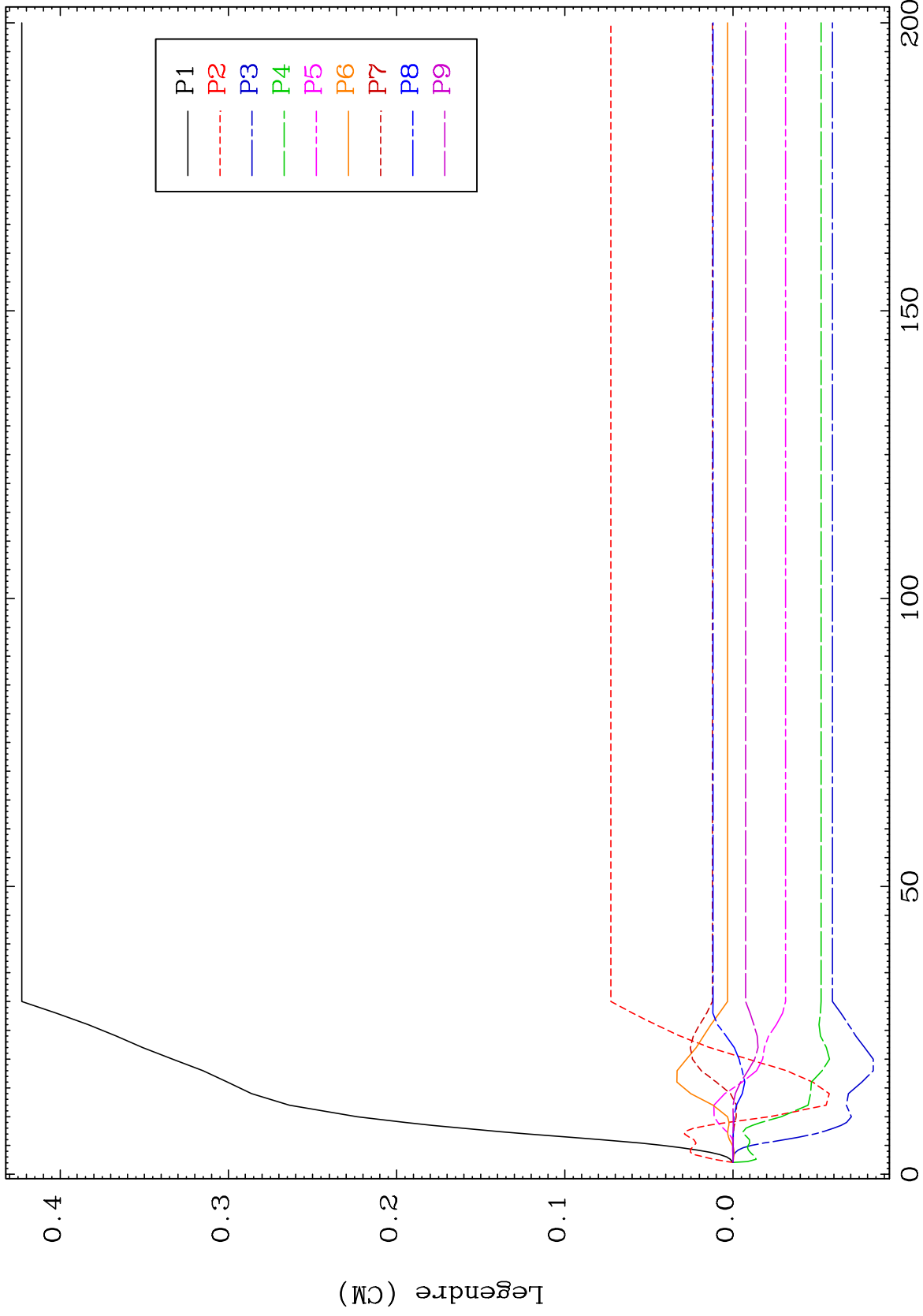




MAT 6037

2.029 MeV (n, n') Level
Legendre Coefficients

60-Nd-146



113

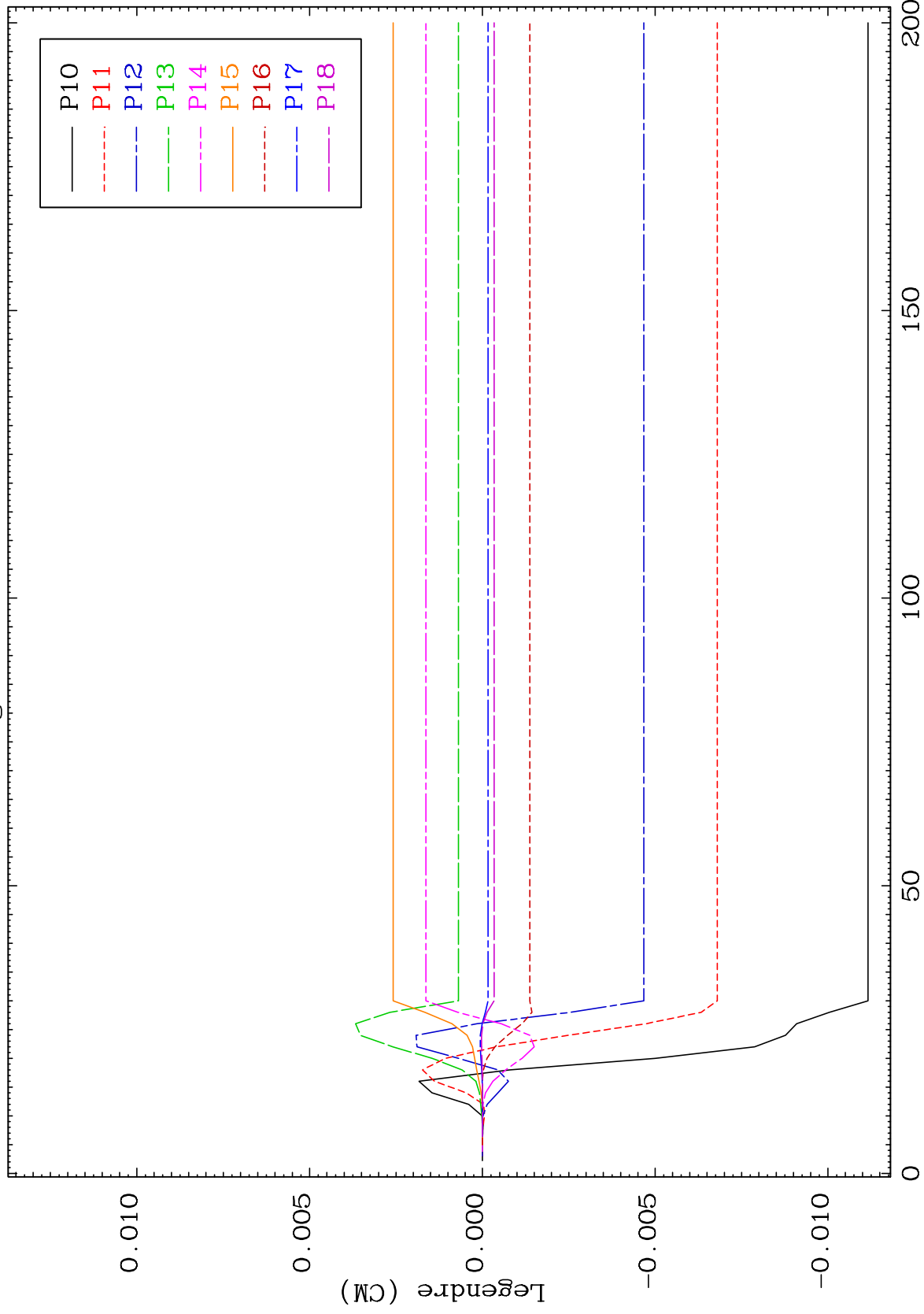
Incident Energy (MeV)

60-Nd-146

MAT 6037

2.029 MeV (n,n') Level
Legendre Coefficients

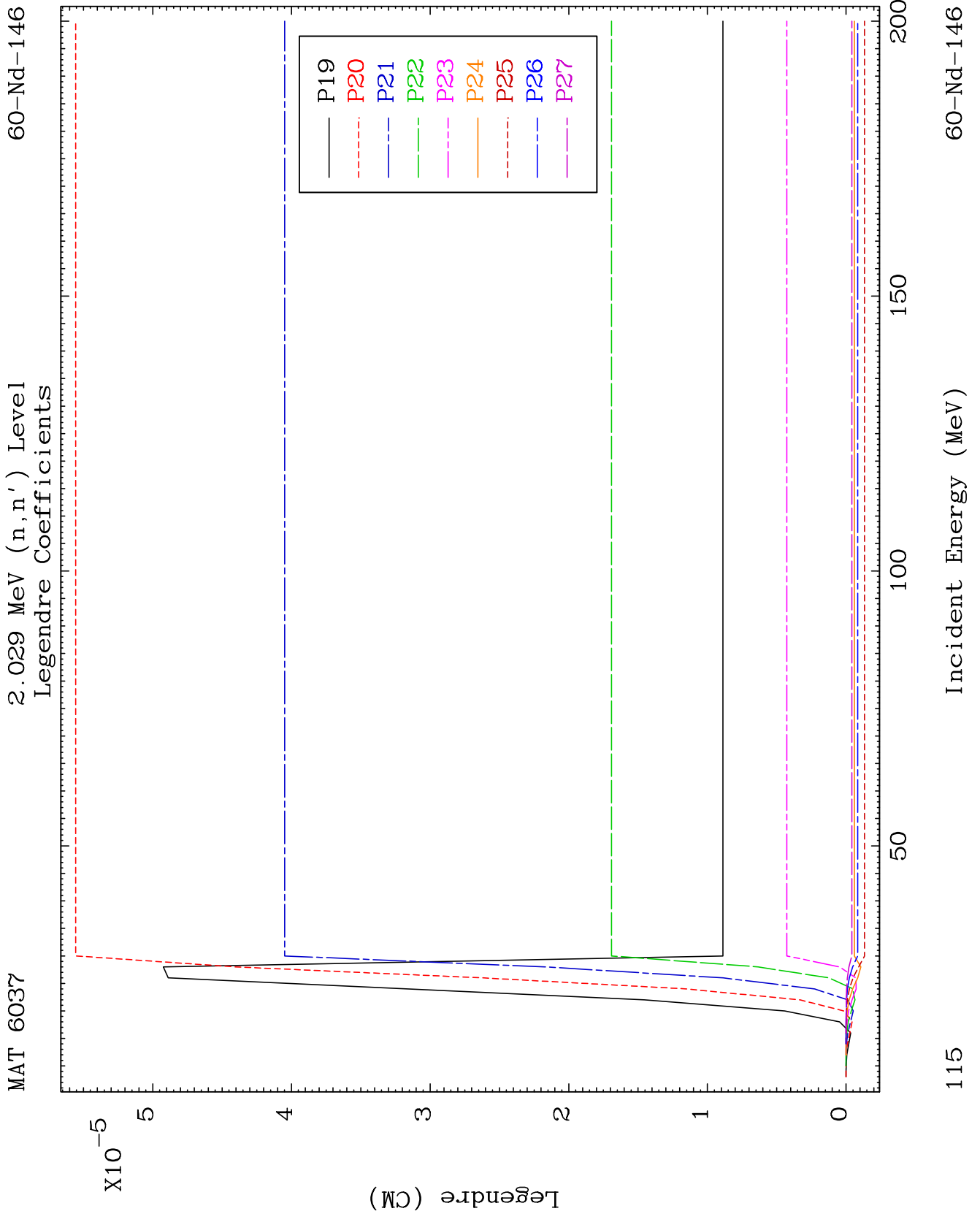
60-Nd-146

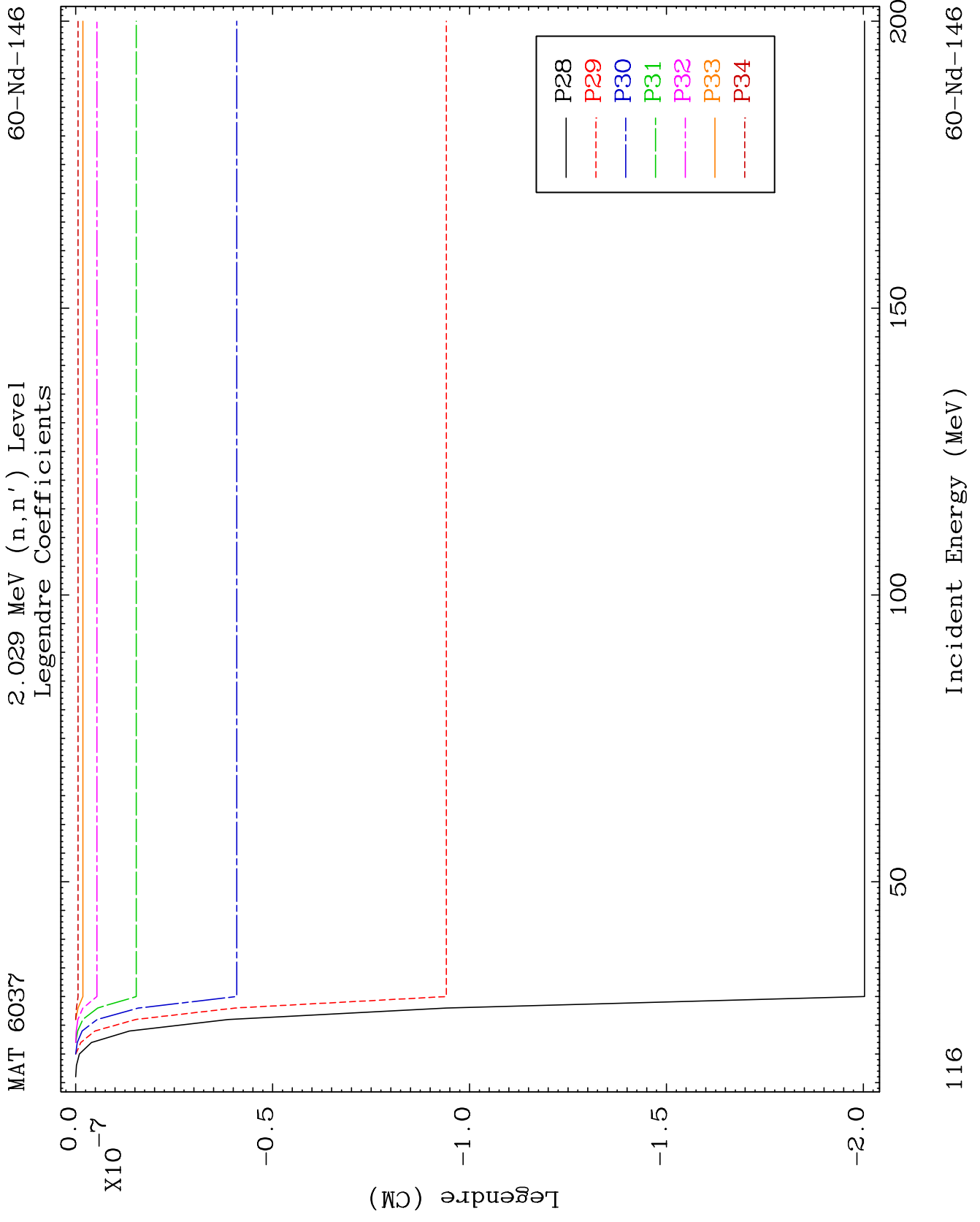


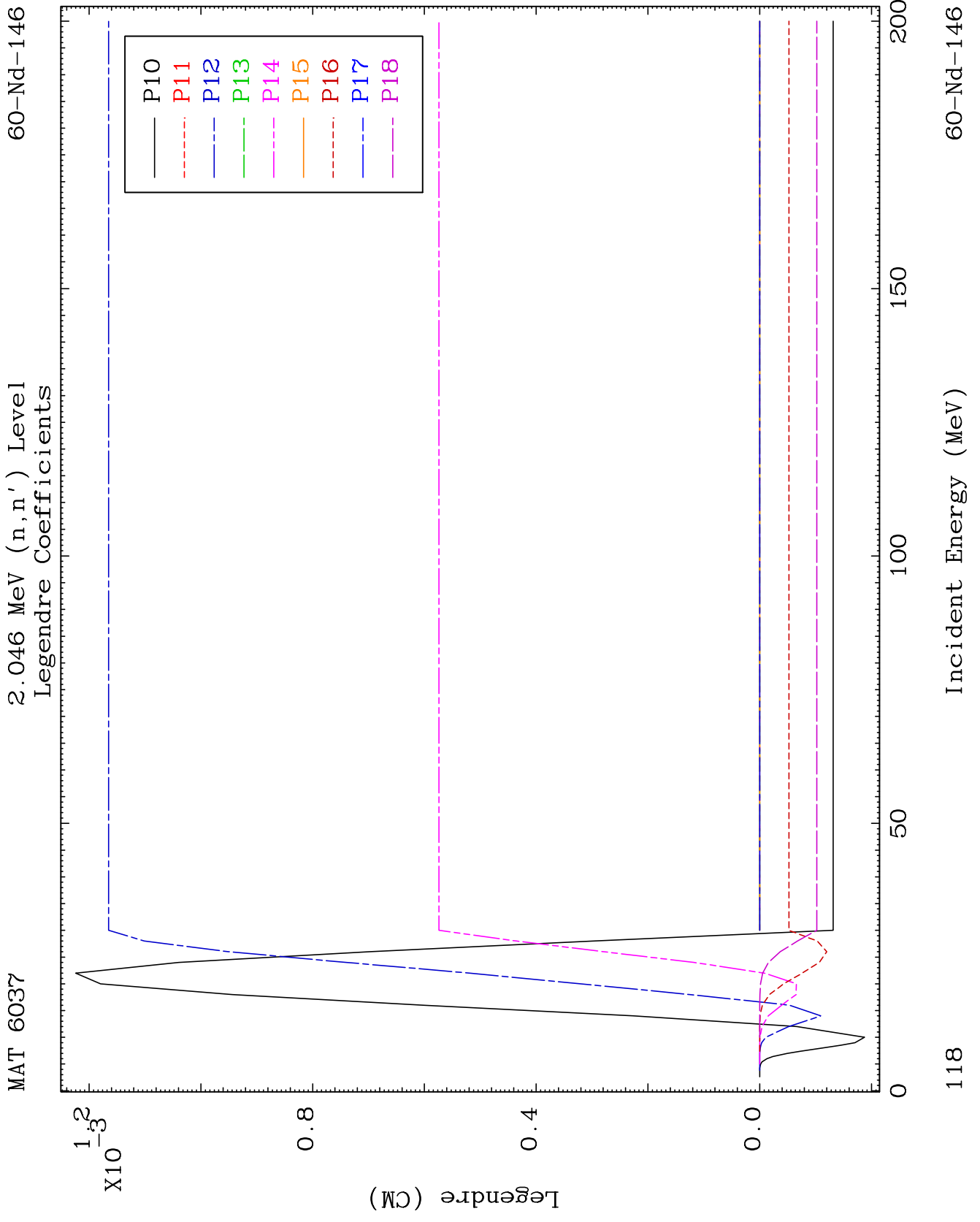
114

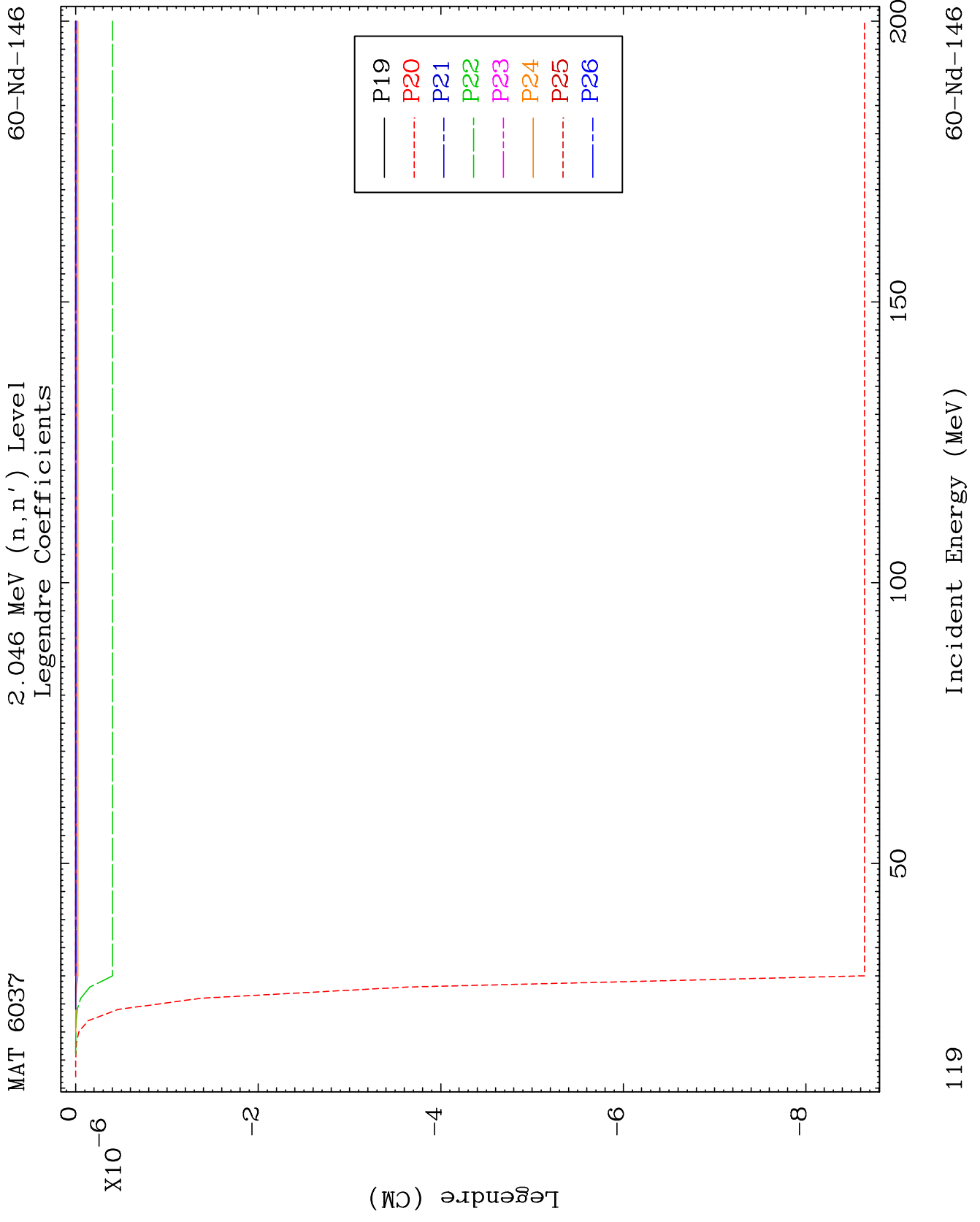
Incident Energy (MeV)

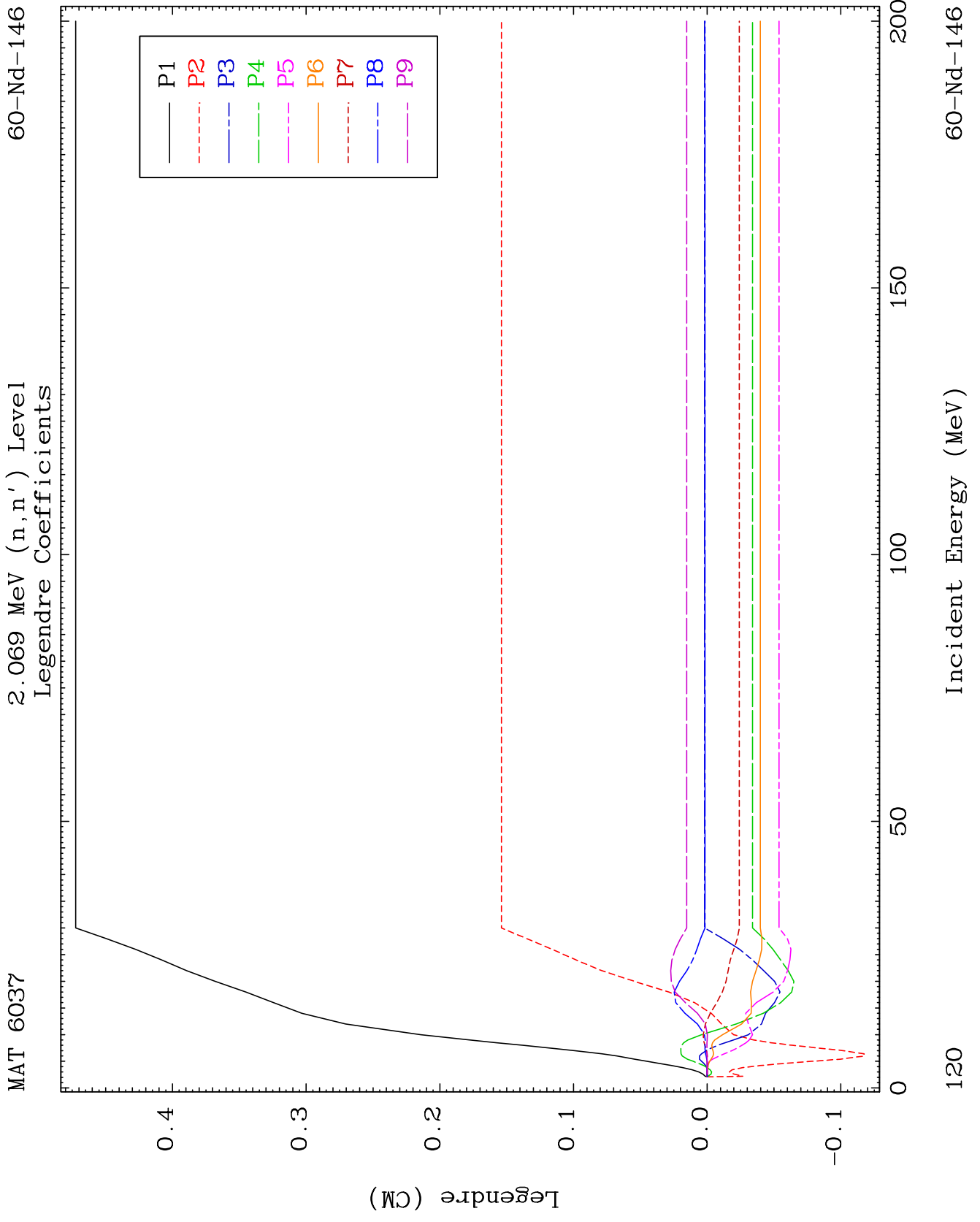
60-Nd-146







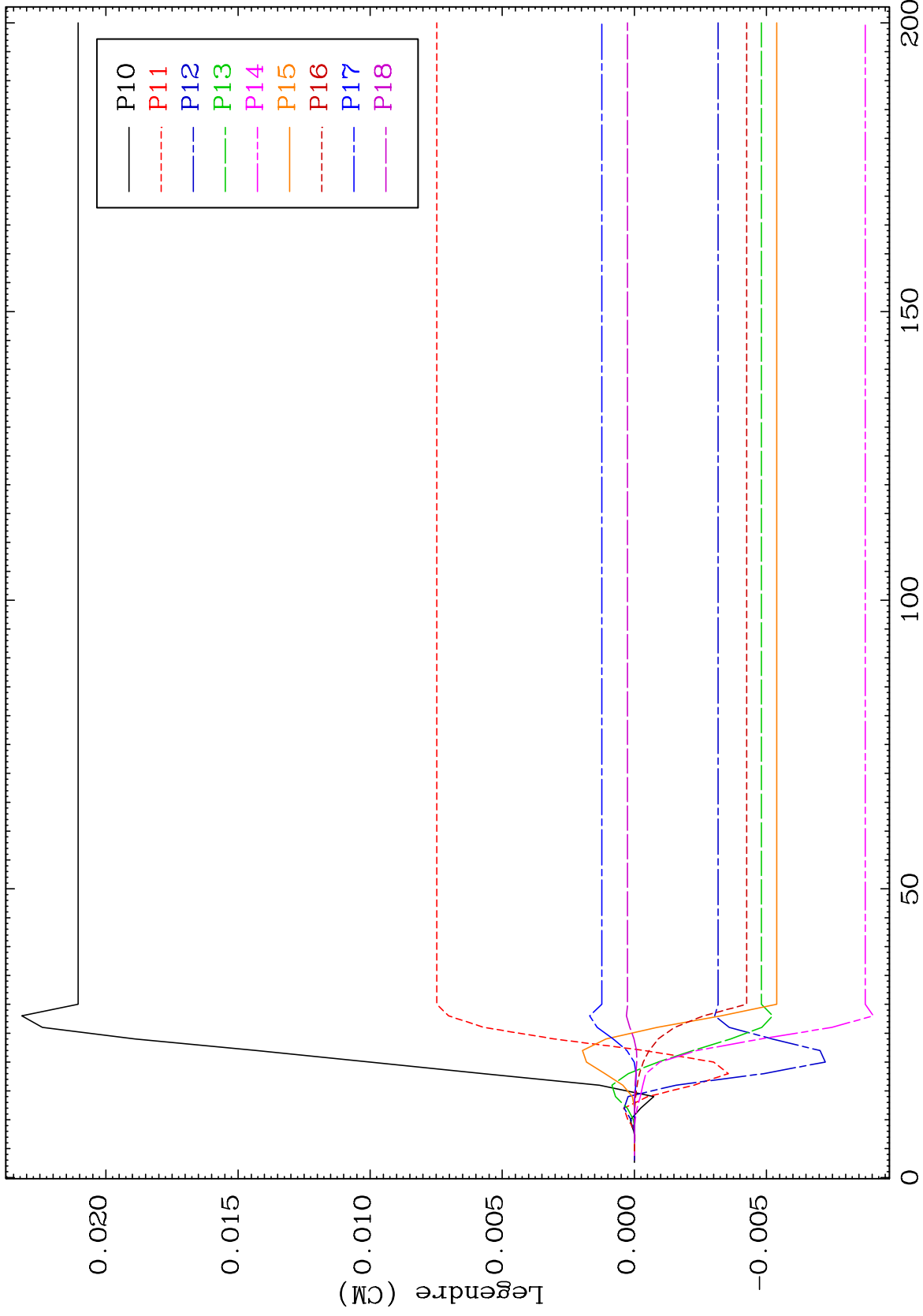




MAT 6037

2.069 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



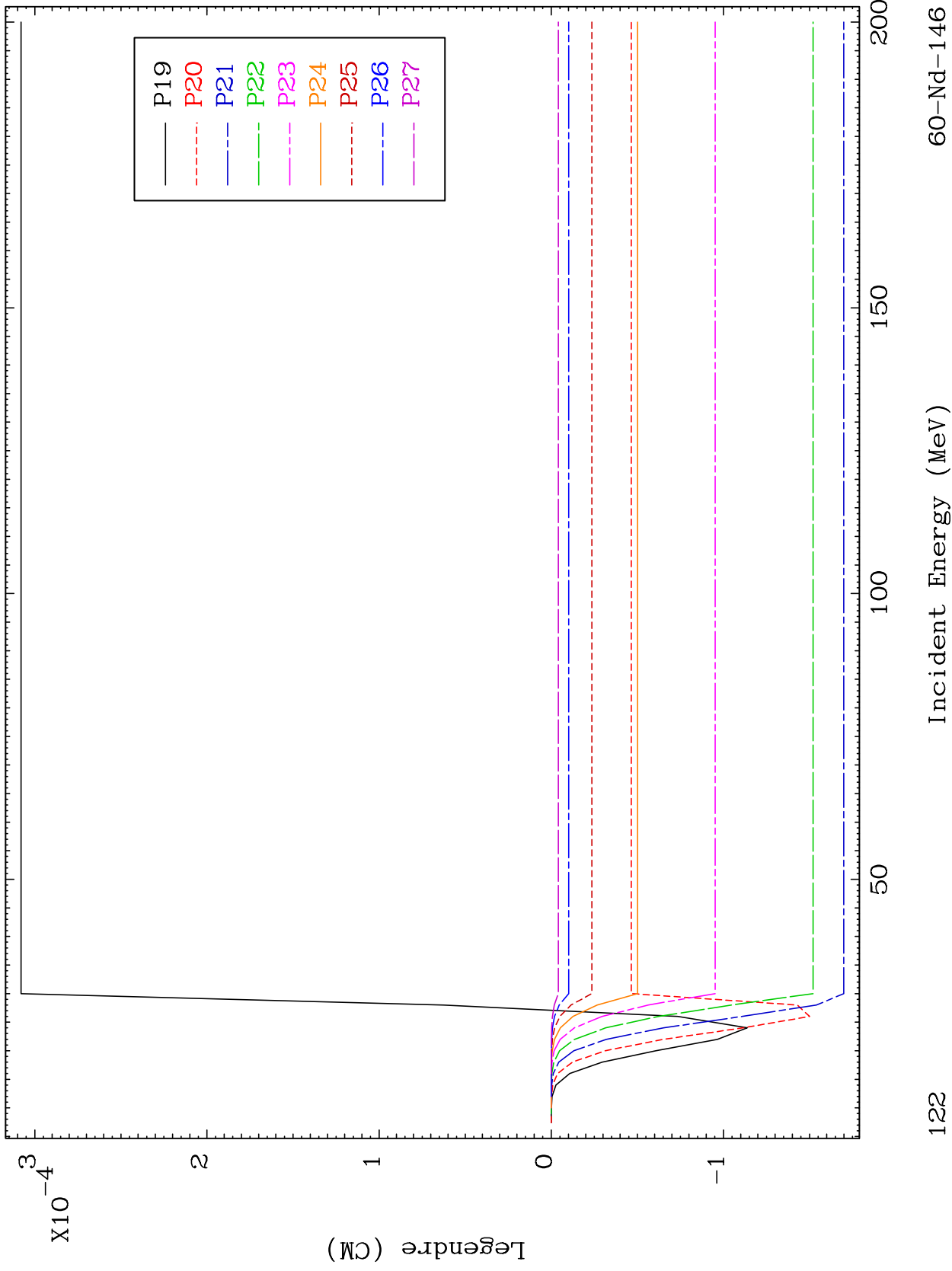
121

60-Nd-146

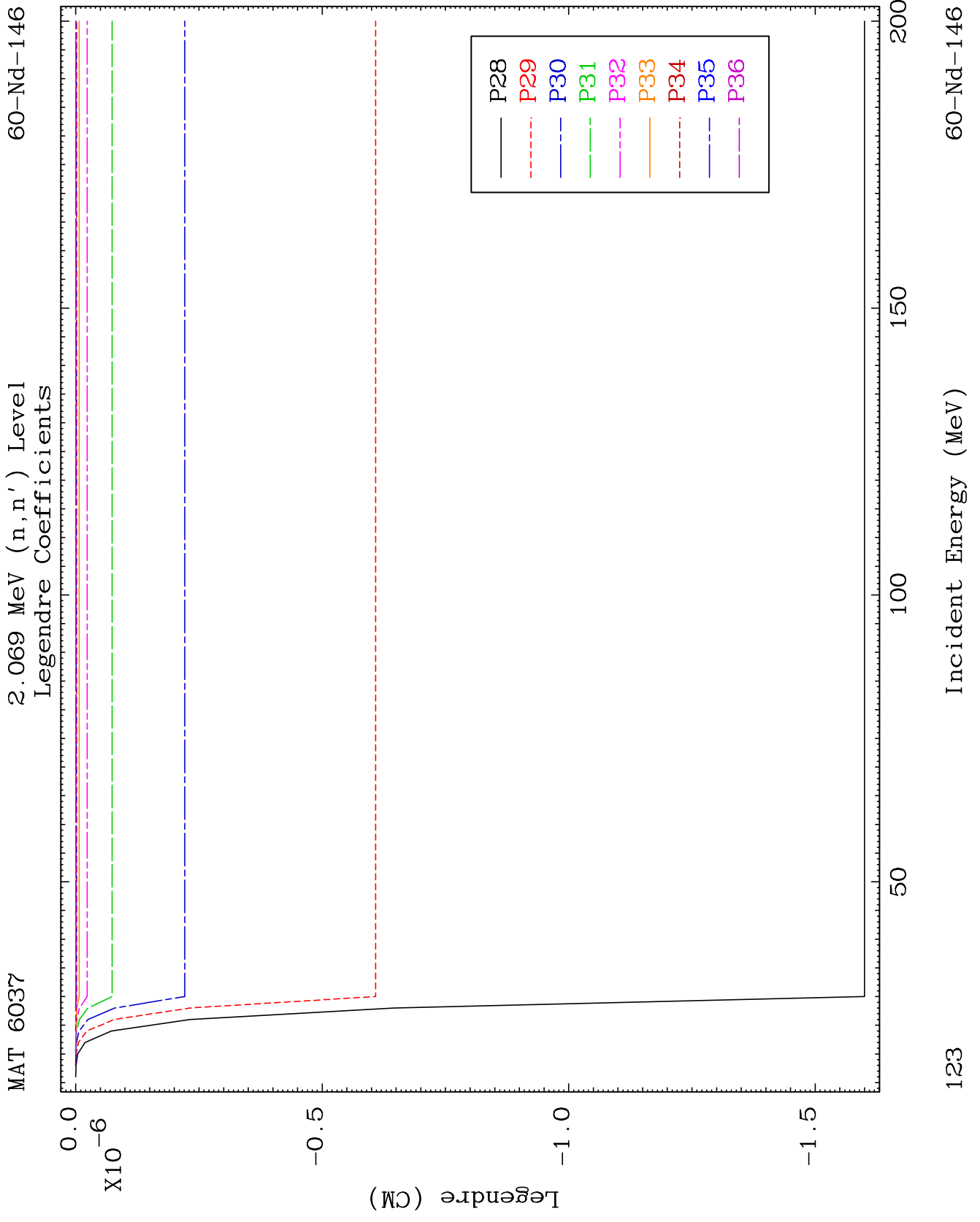
MAT 6037

2.069 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



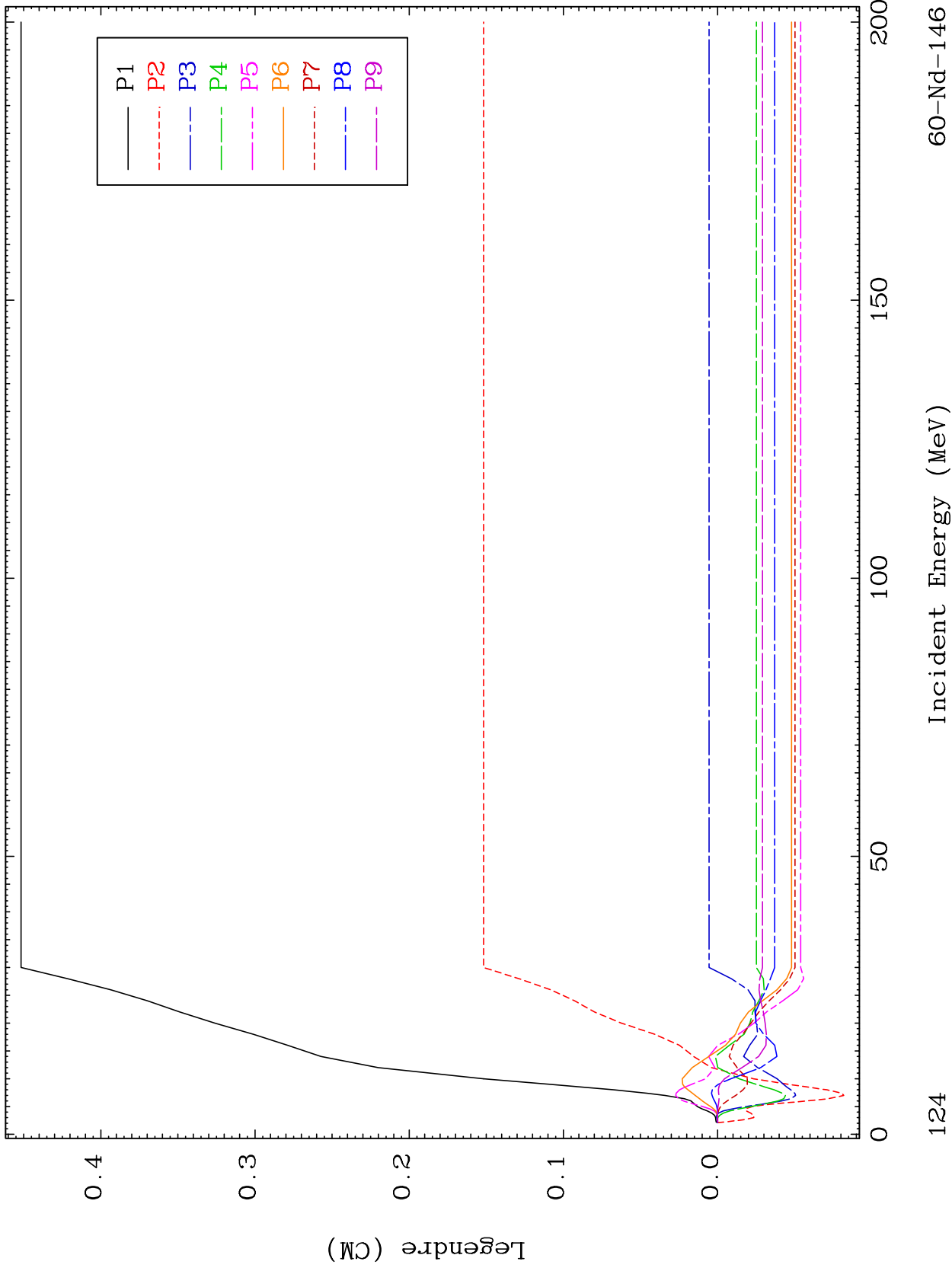
122



MAT 6037

2.073 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



60-Nd-146

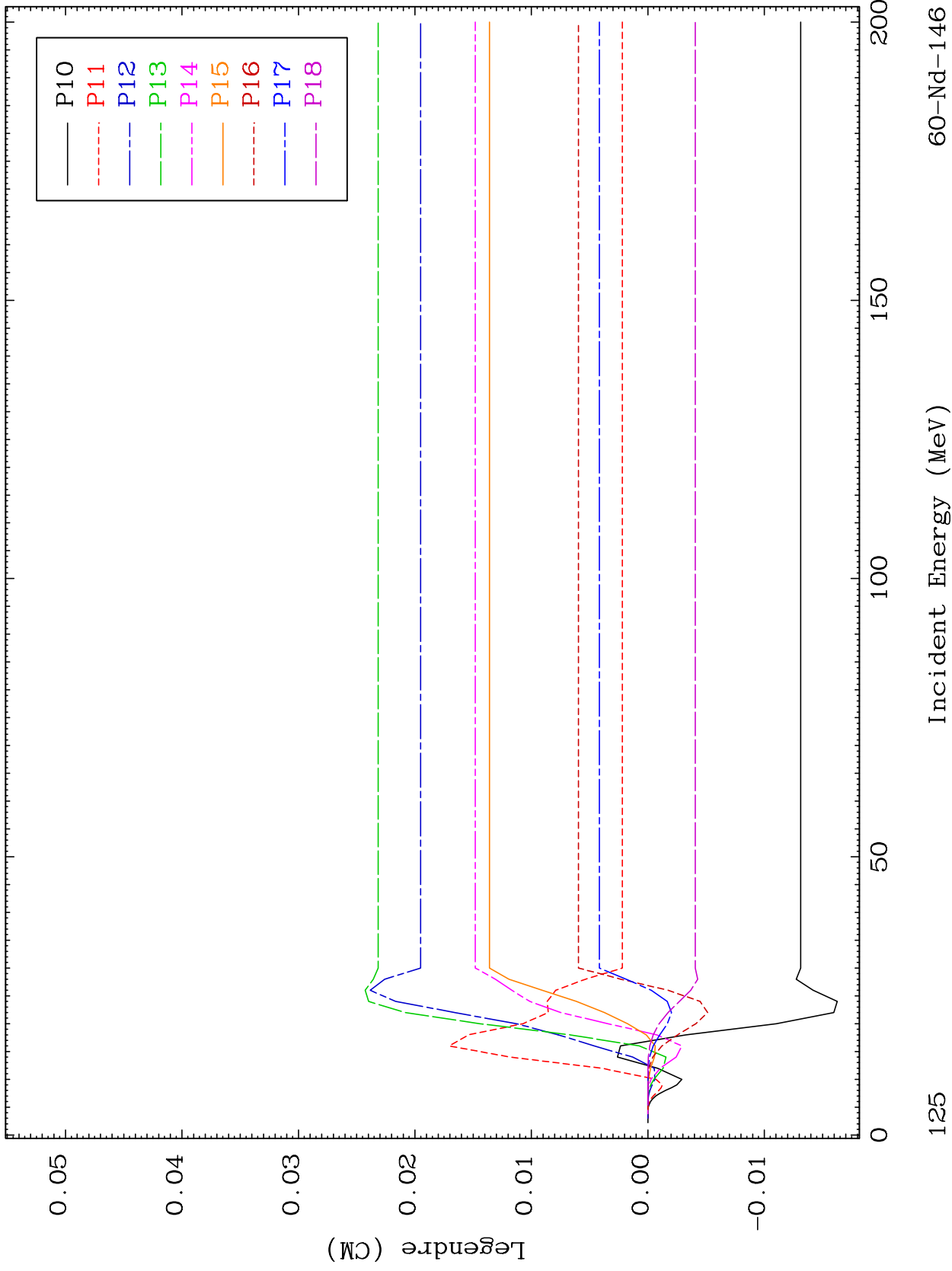
Incident Energy (MeV)

124

MAT 6037

2.073 MeV (n,n') Level
Legendre Coefficients

60-Nd-146



60-Nd-146

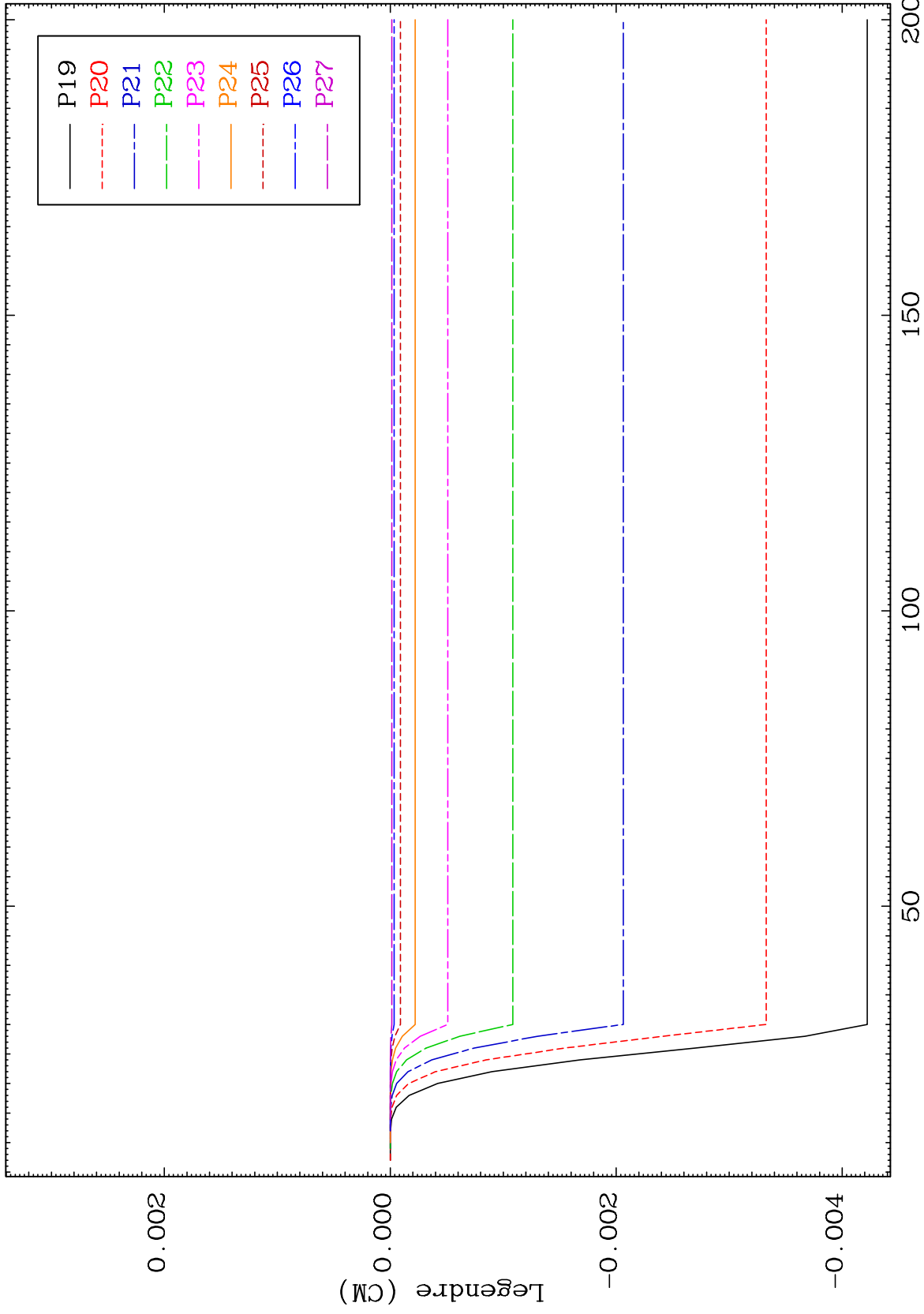
Incident Energy (MeV)

125

MAT 6037

2.073 MeV (n,n') Level
Legendre Coefficients

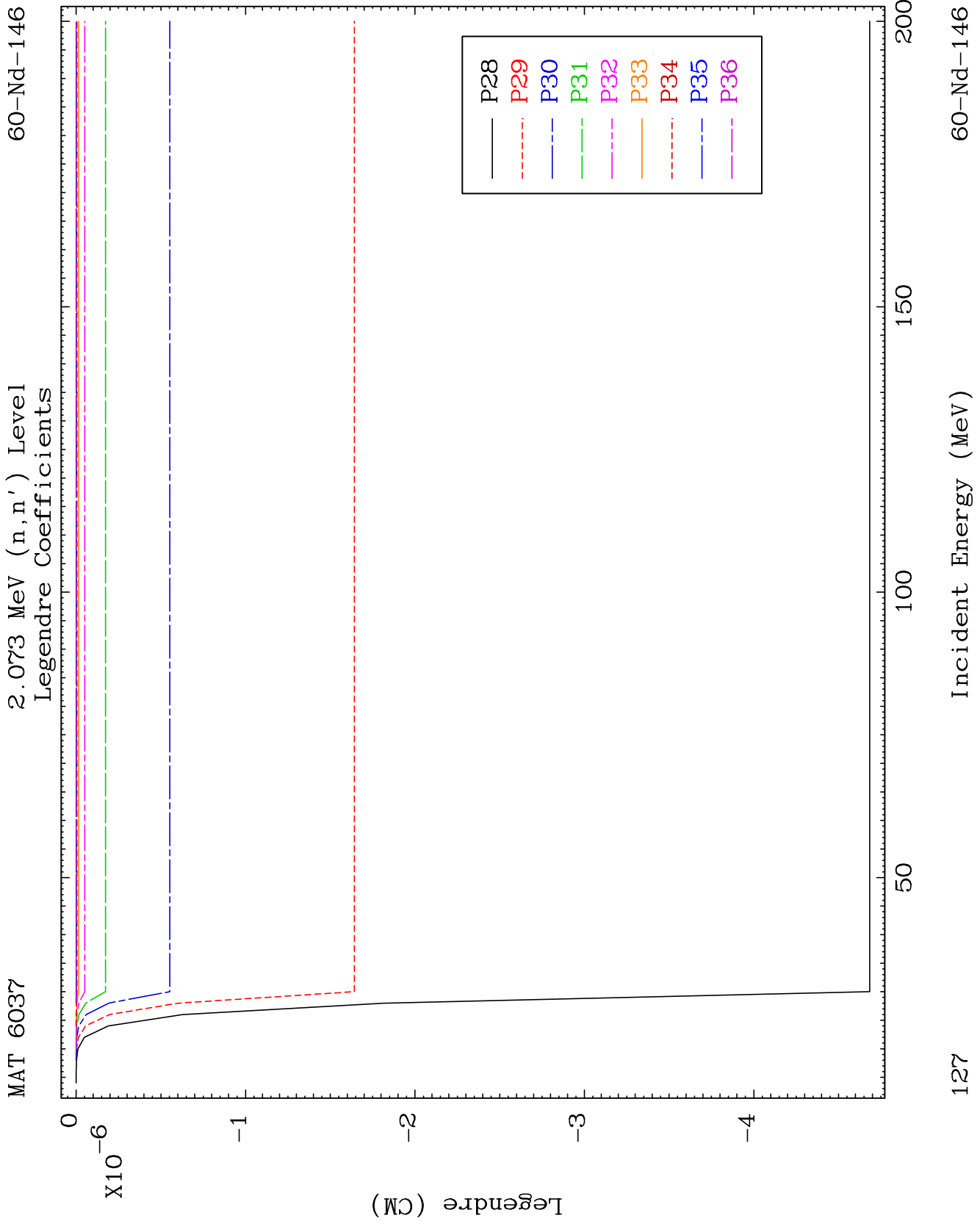
60-Nd-146

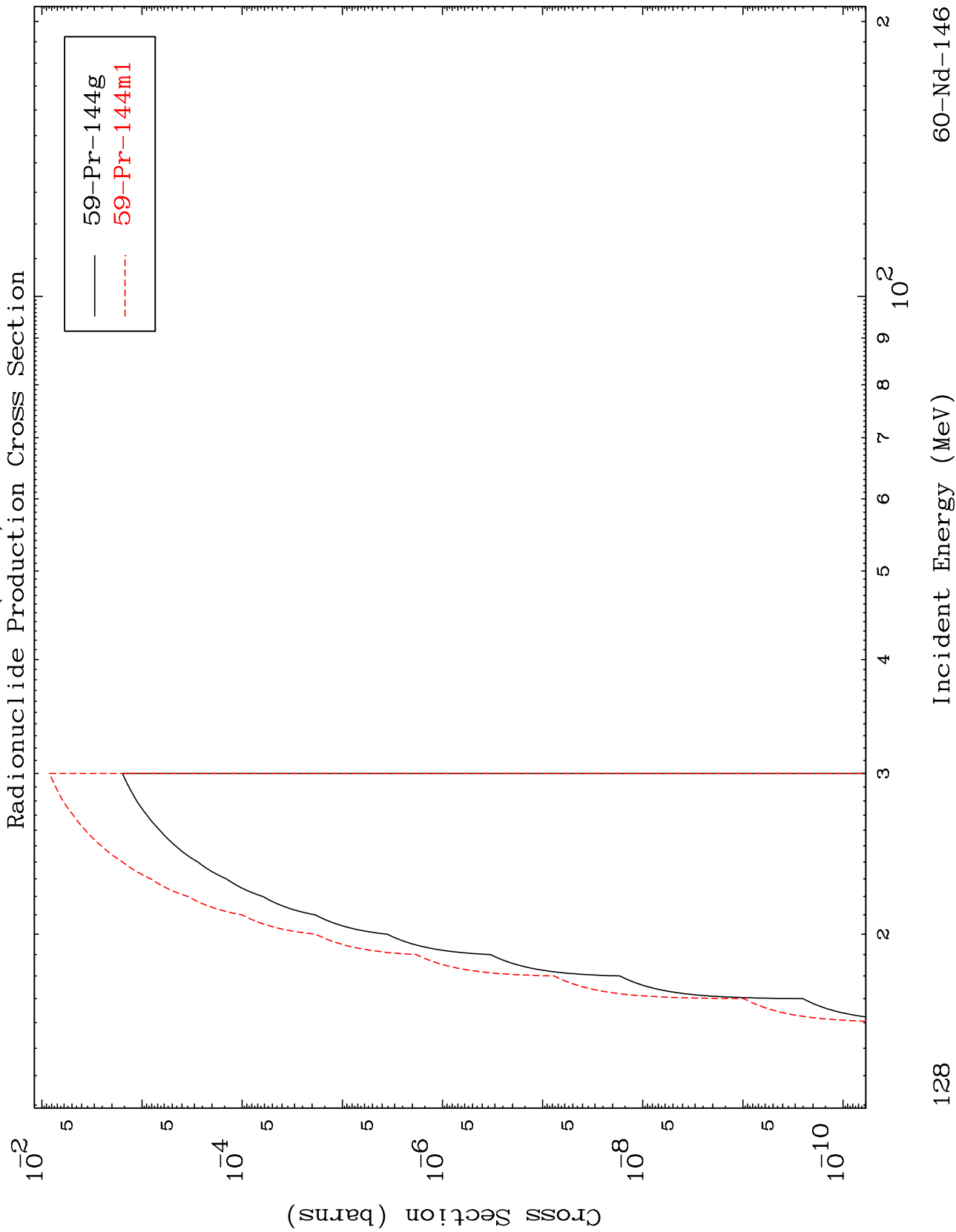


126

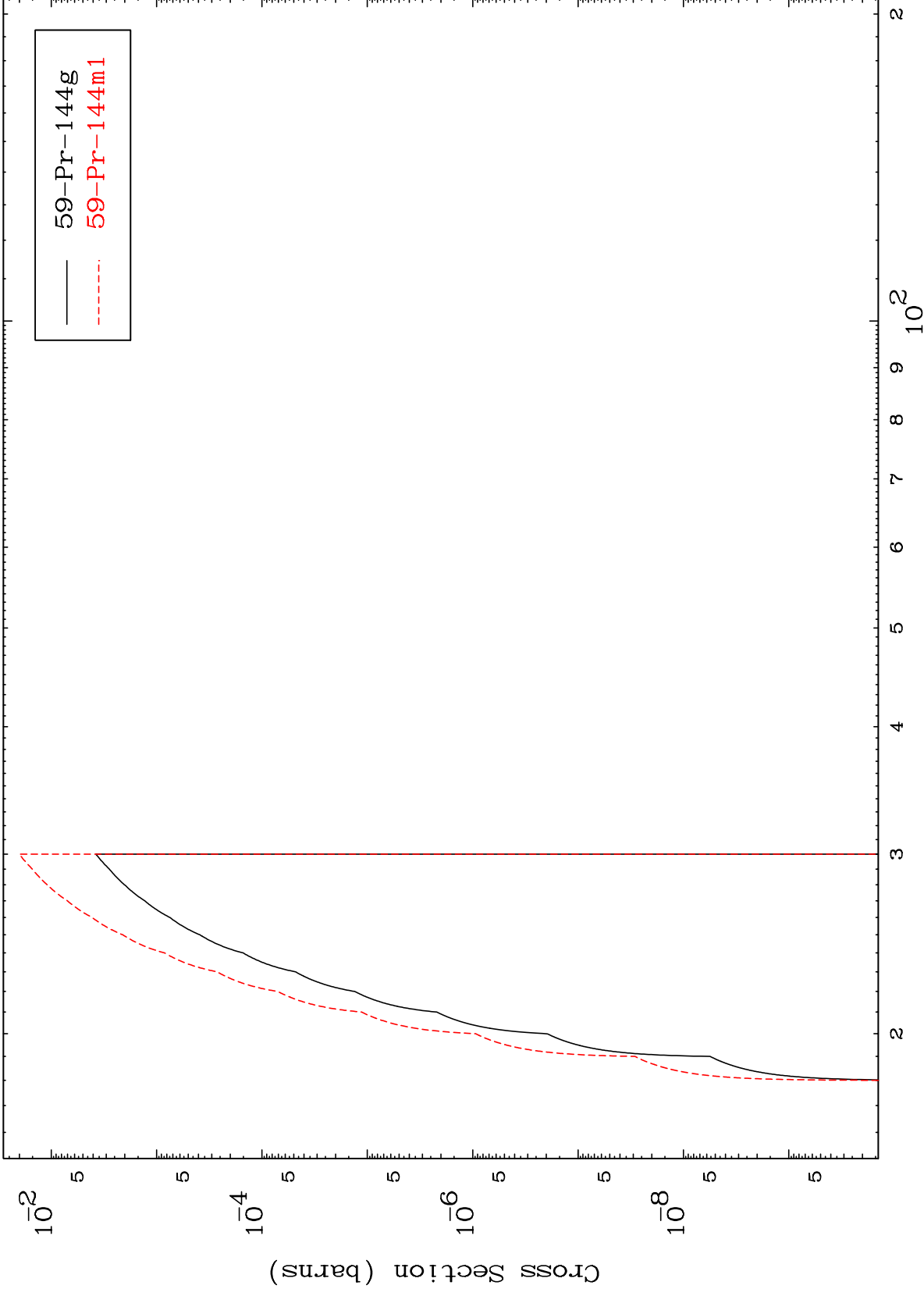
Incident Energy (MeV)

60-Nd-146





Radionuclide Production Cross Section



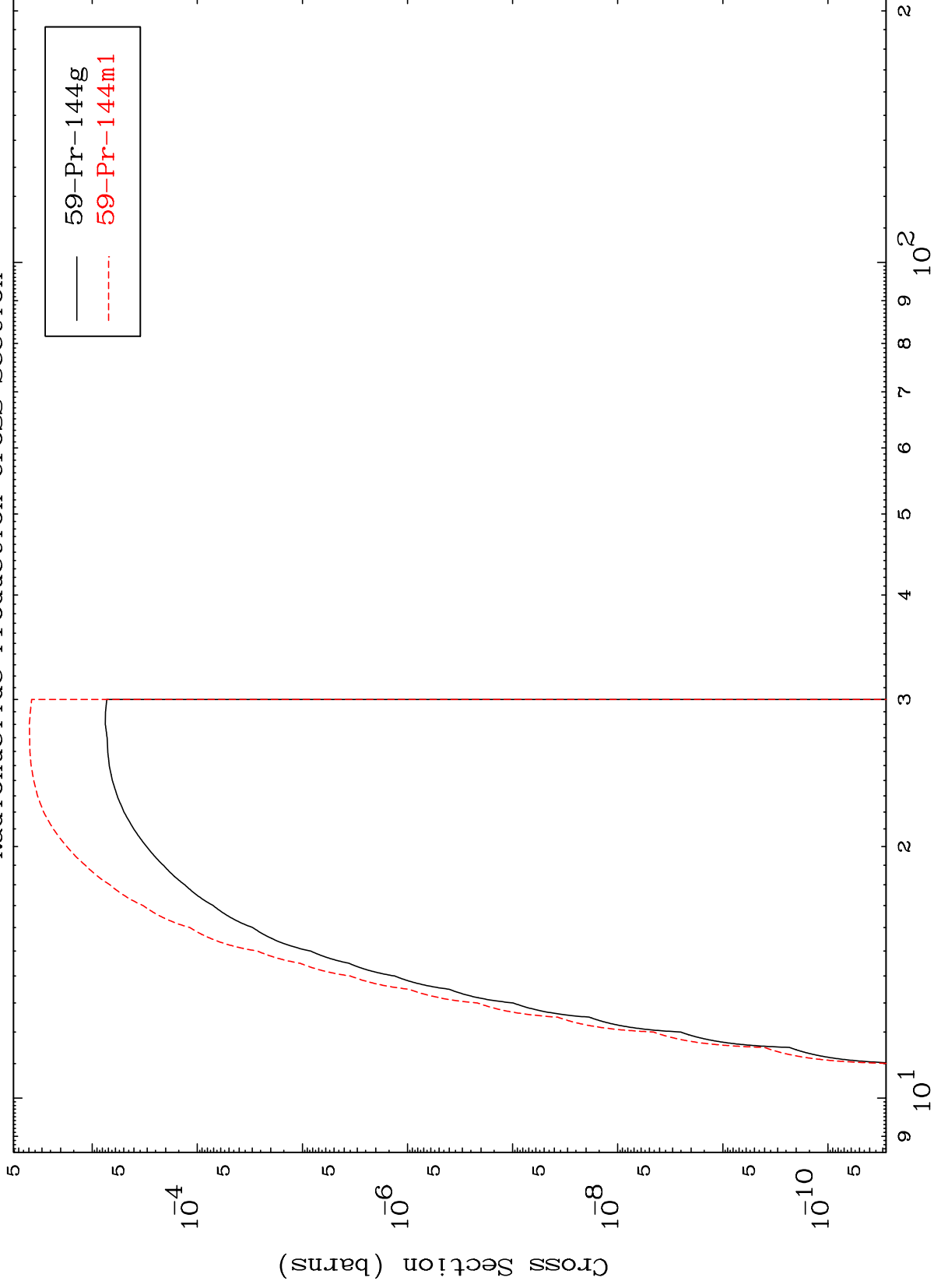
59-Pr-144g
59-Pr-144m1

MAT 6037

(n, t)

60-Nd-146

Radionuclide Production Cross Section



Incident Energy (MeV)

60-Nd-146

130