

Program EVALPLOT  
(Version 2018-1)

by

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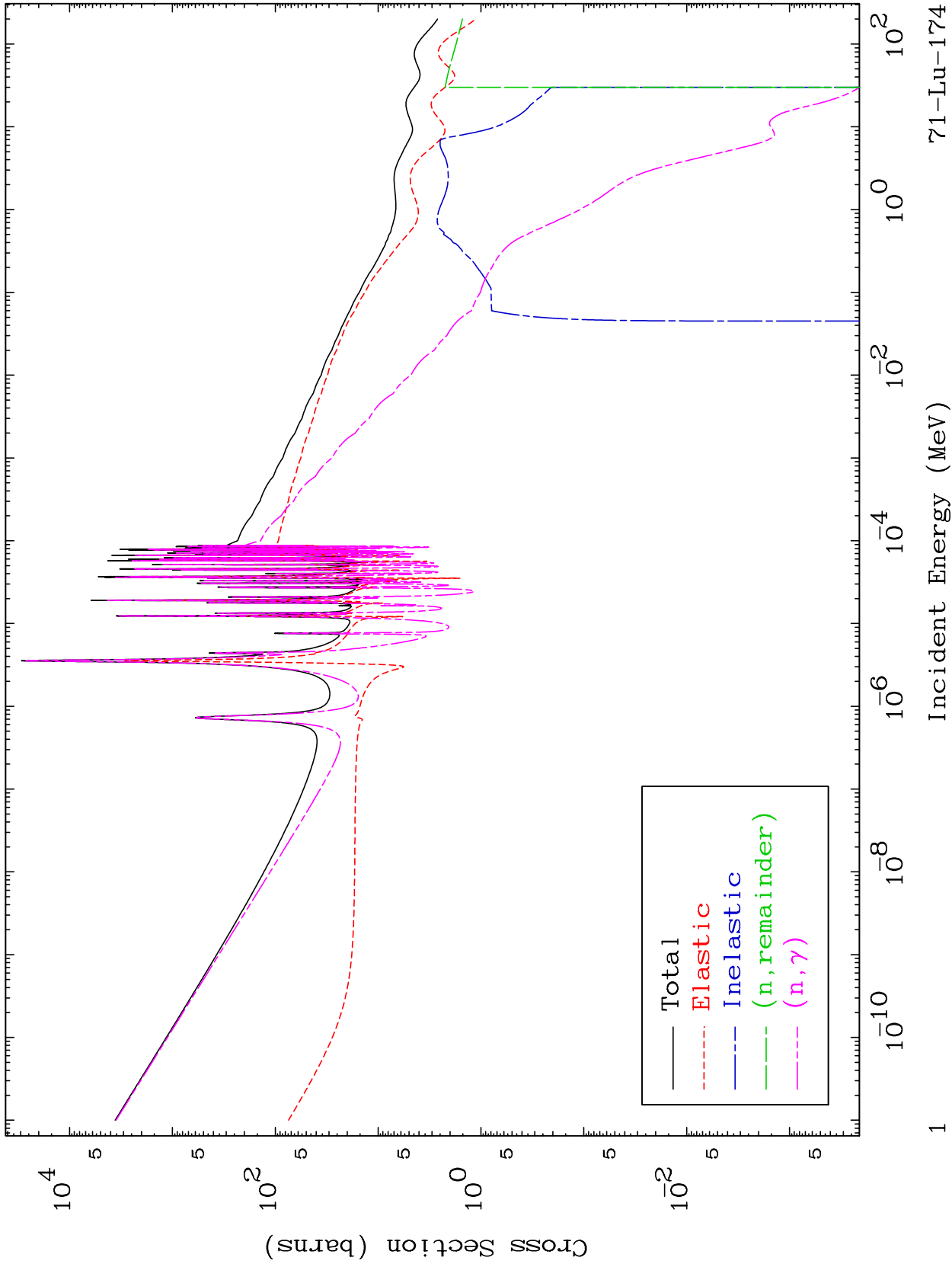
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Press Mouse Button to Start

MAT 7122

Major  
293 Kelvin Cross Sections

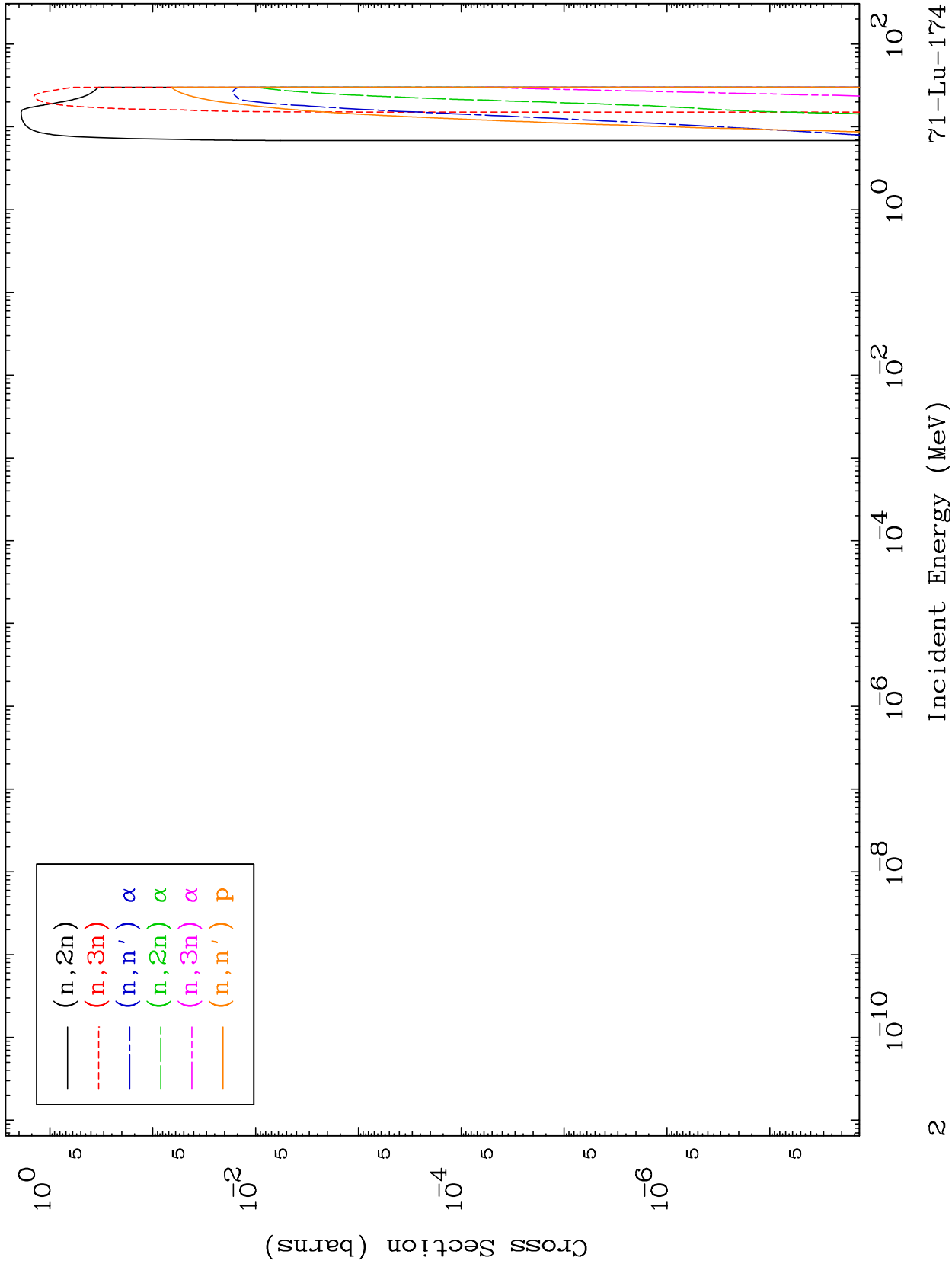
71-Lu-174

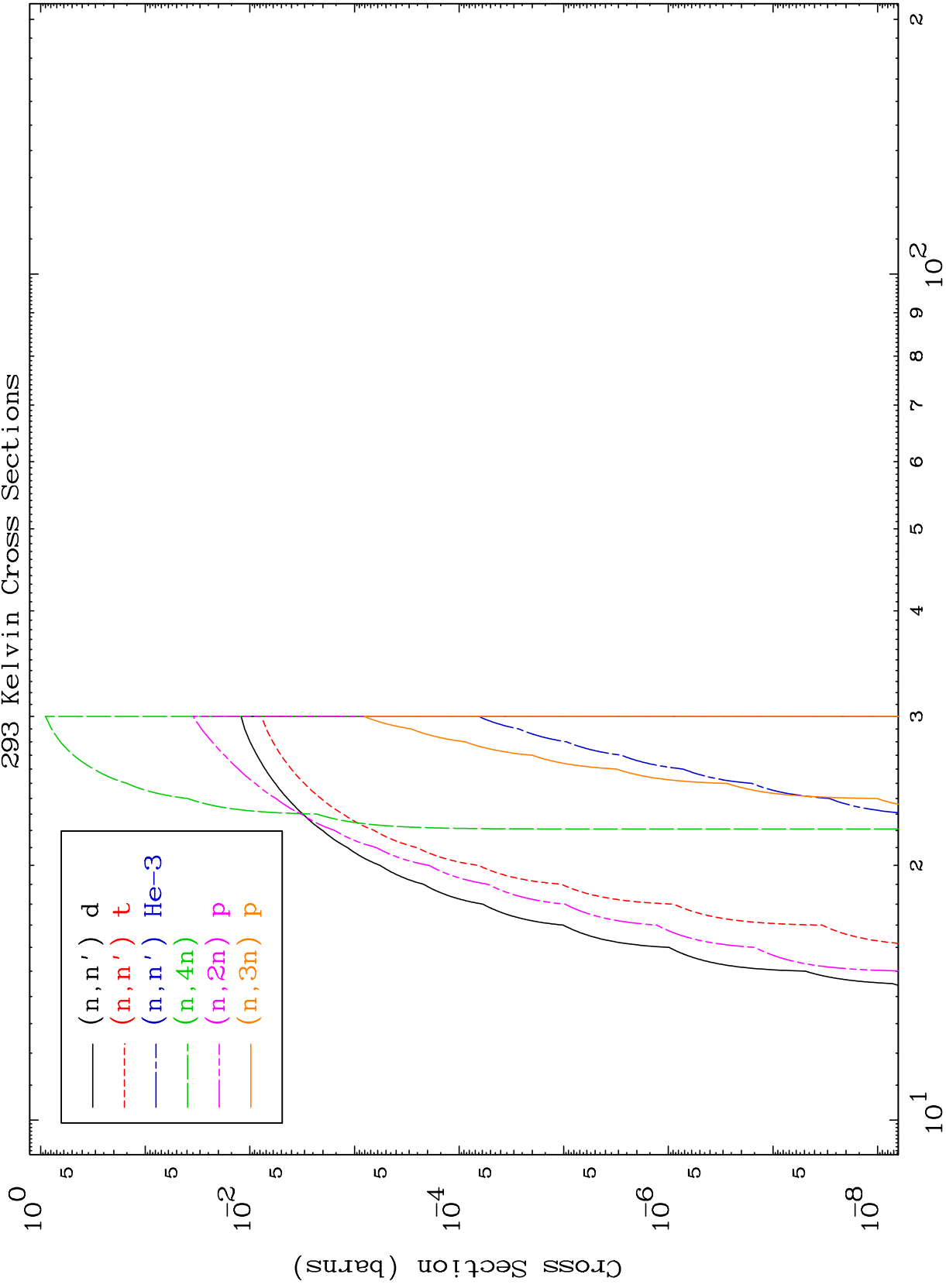


MAT 7122

Neutron Production  
293 Kelvin Cross Sections

71-Lu-174

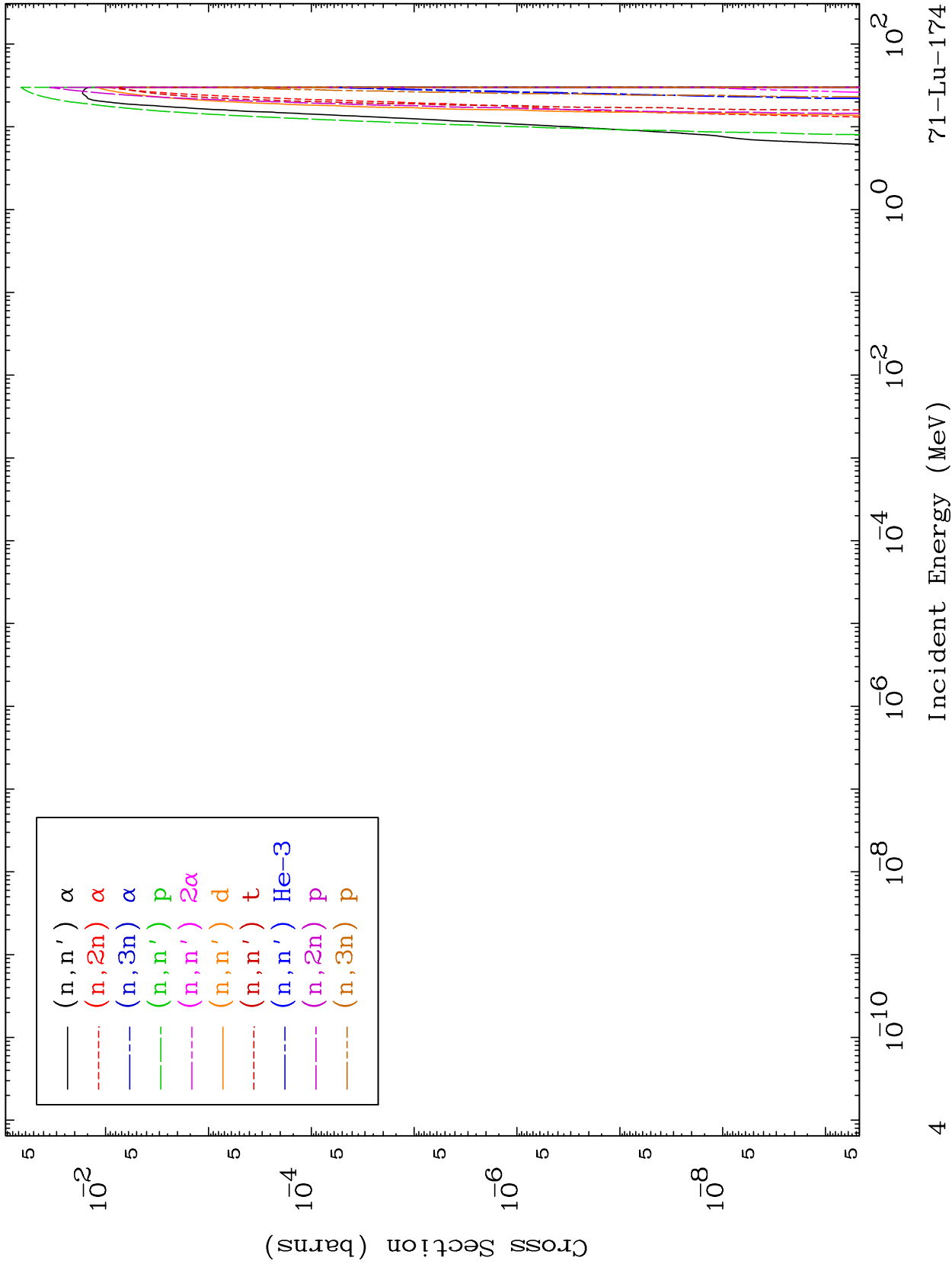




MAT 7122

Charged Particle  
293 Kelvin Cross Sections

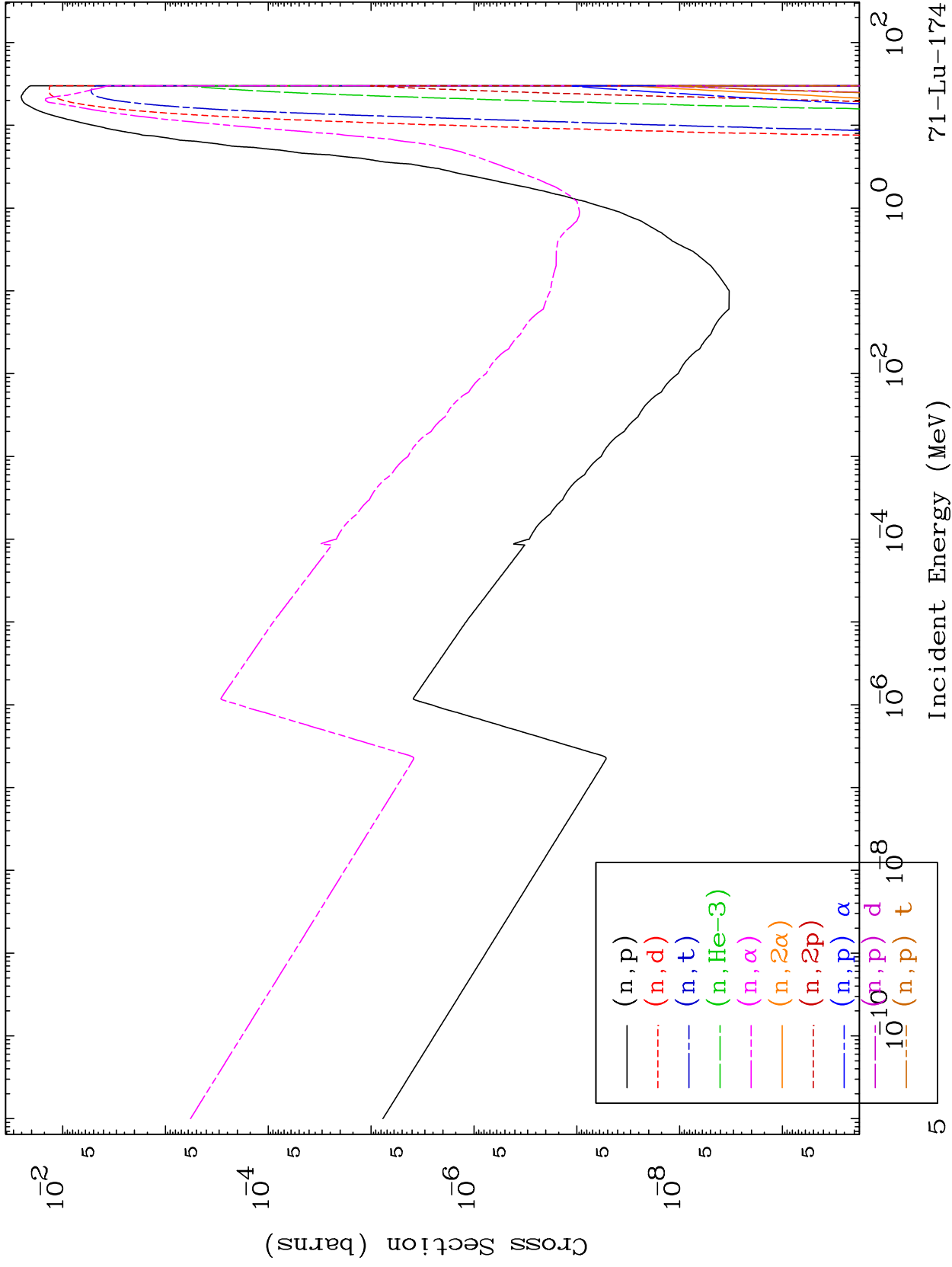
71-Lu-174



MAT 7122

Charged Particle  
293 Kelvin Cross Sections

71-Lu-174

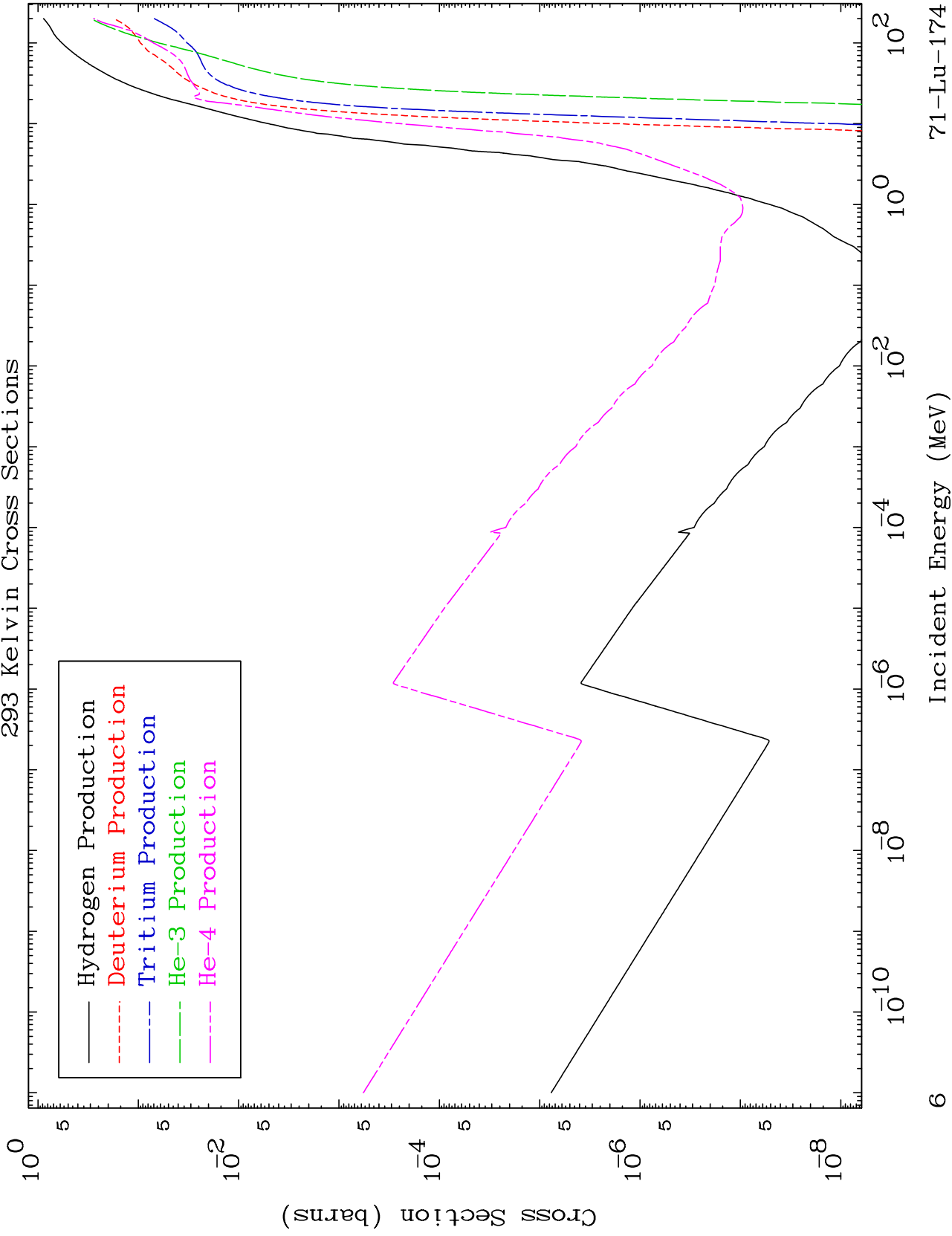


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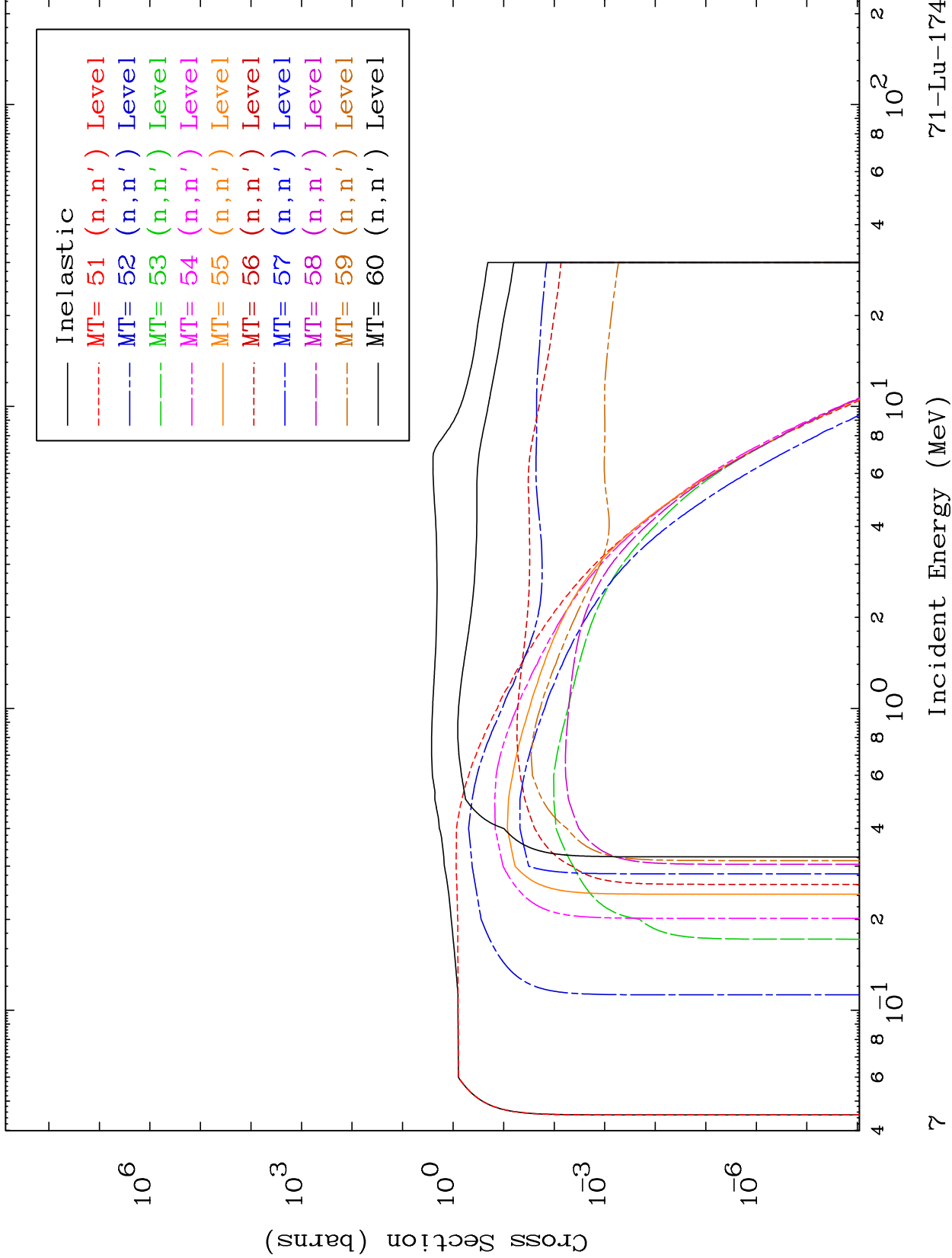
MAT 7122

Particle Production  
293 Kelvin Cross Sections

71-Lu-174



293 Kelvin Cross Sections



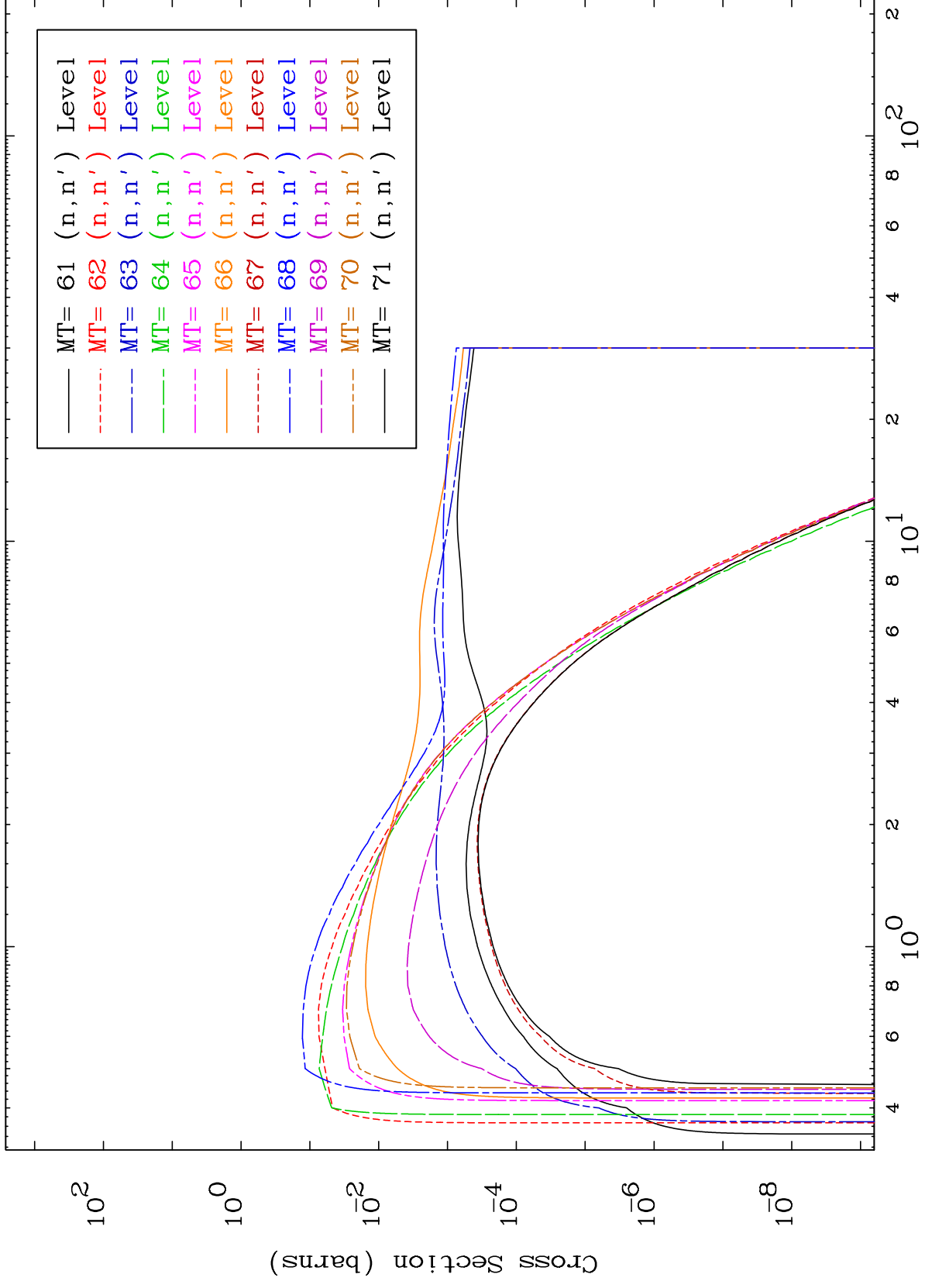


MAT 7122

(n,n') Level

71-Lu-174

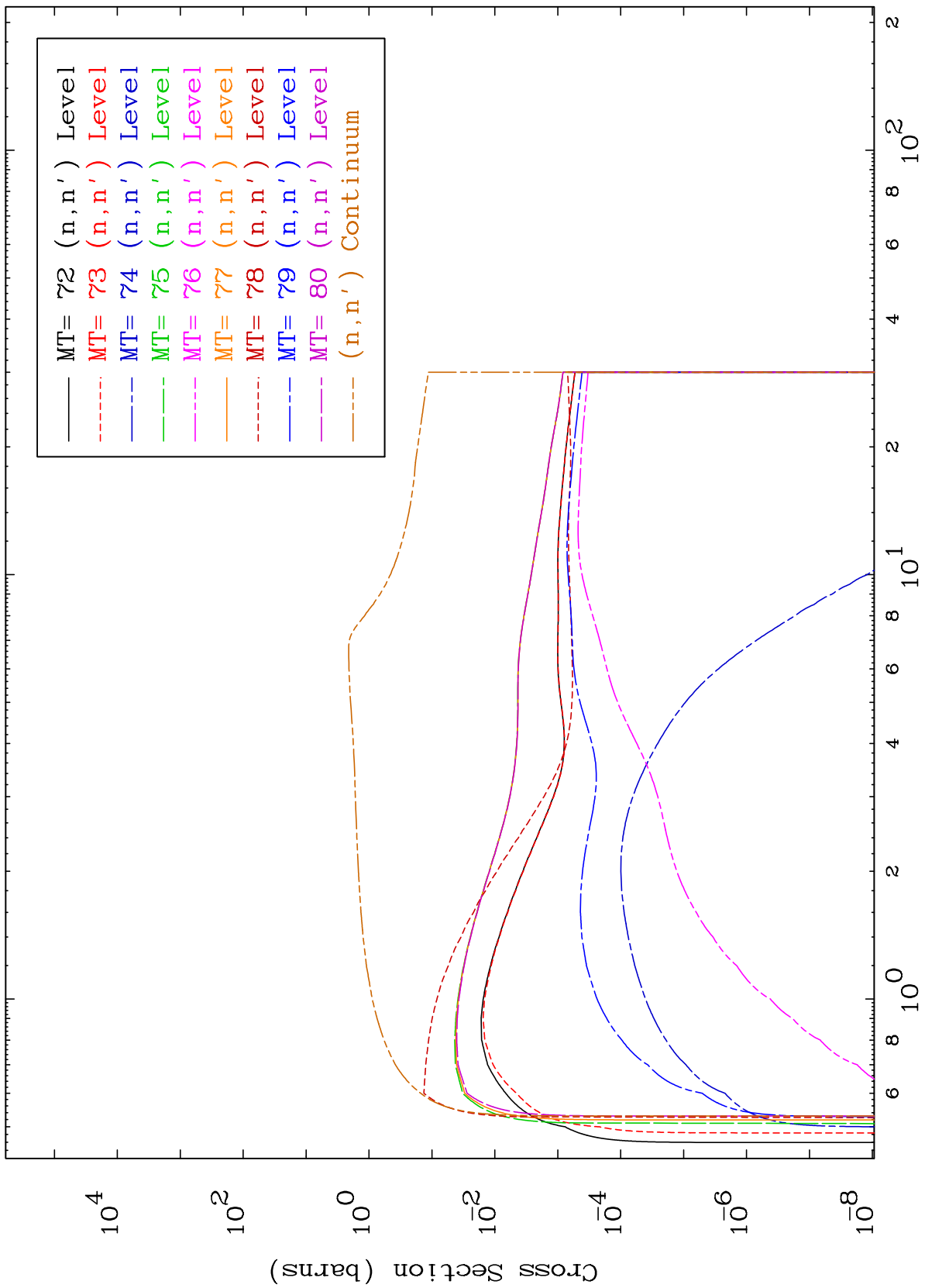
293 Kelvin Cross Sections



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Incident Energy (MeV)

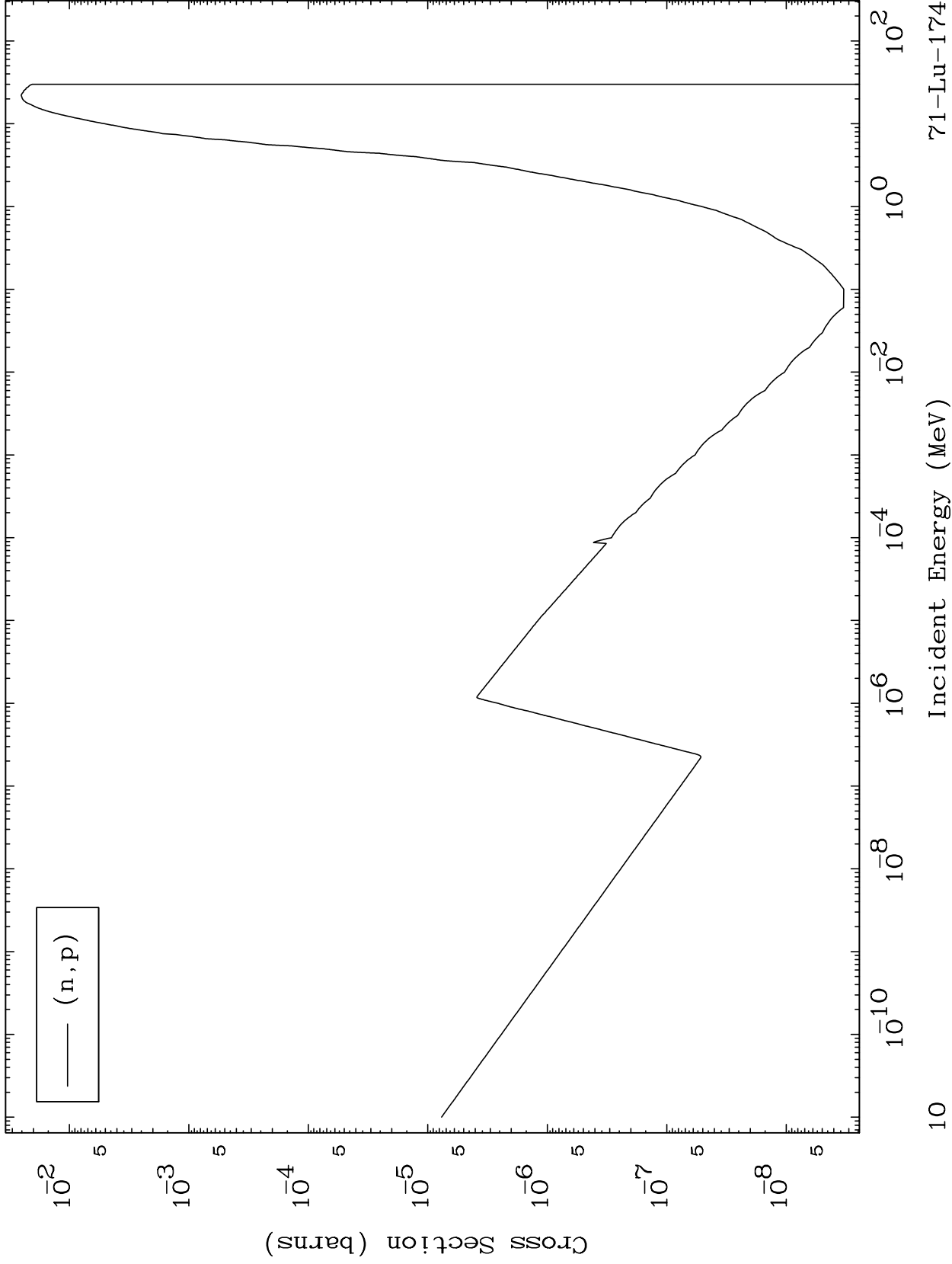
71-Lu-174



MAT 7122

(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-174



10

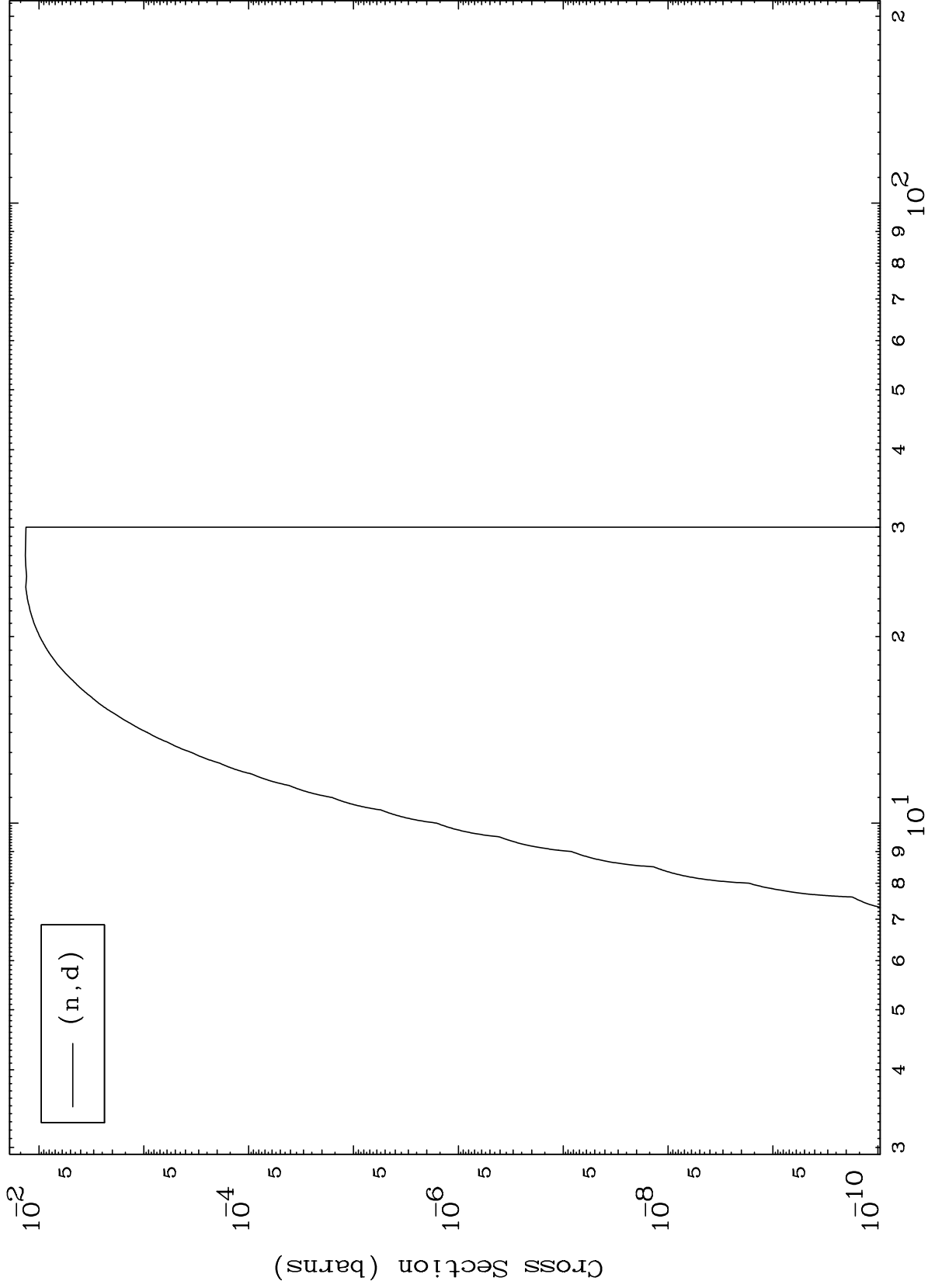
Incident Energy (MeV)

71-Lu-174

MAT 7122

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-174



11

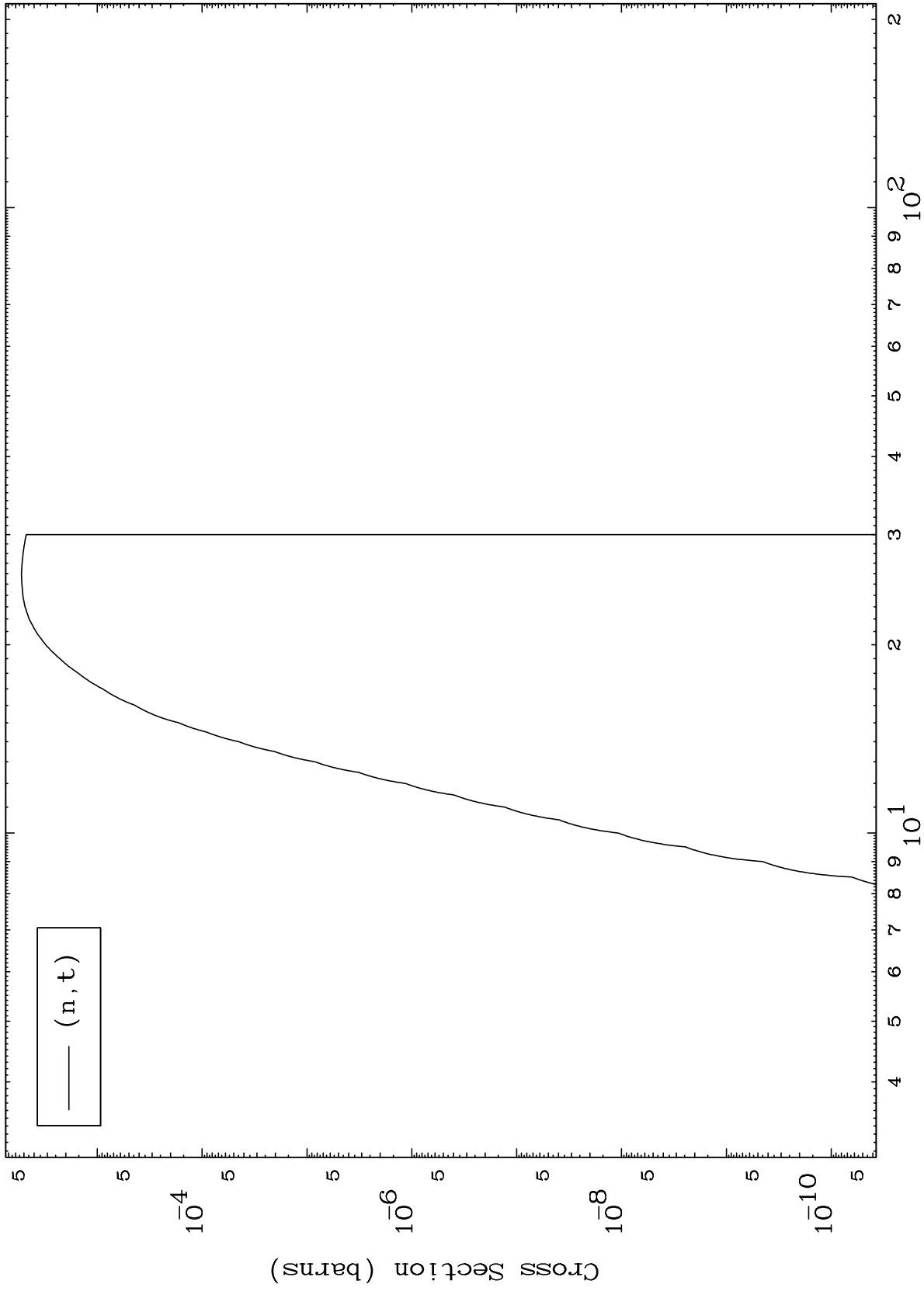
Incident Energy (MeV)

71-Lu-174

MAT 7122

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-174



12

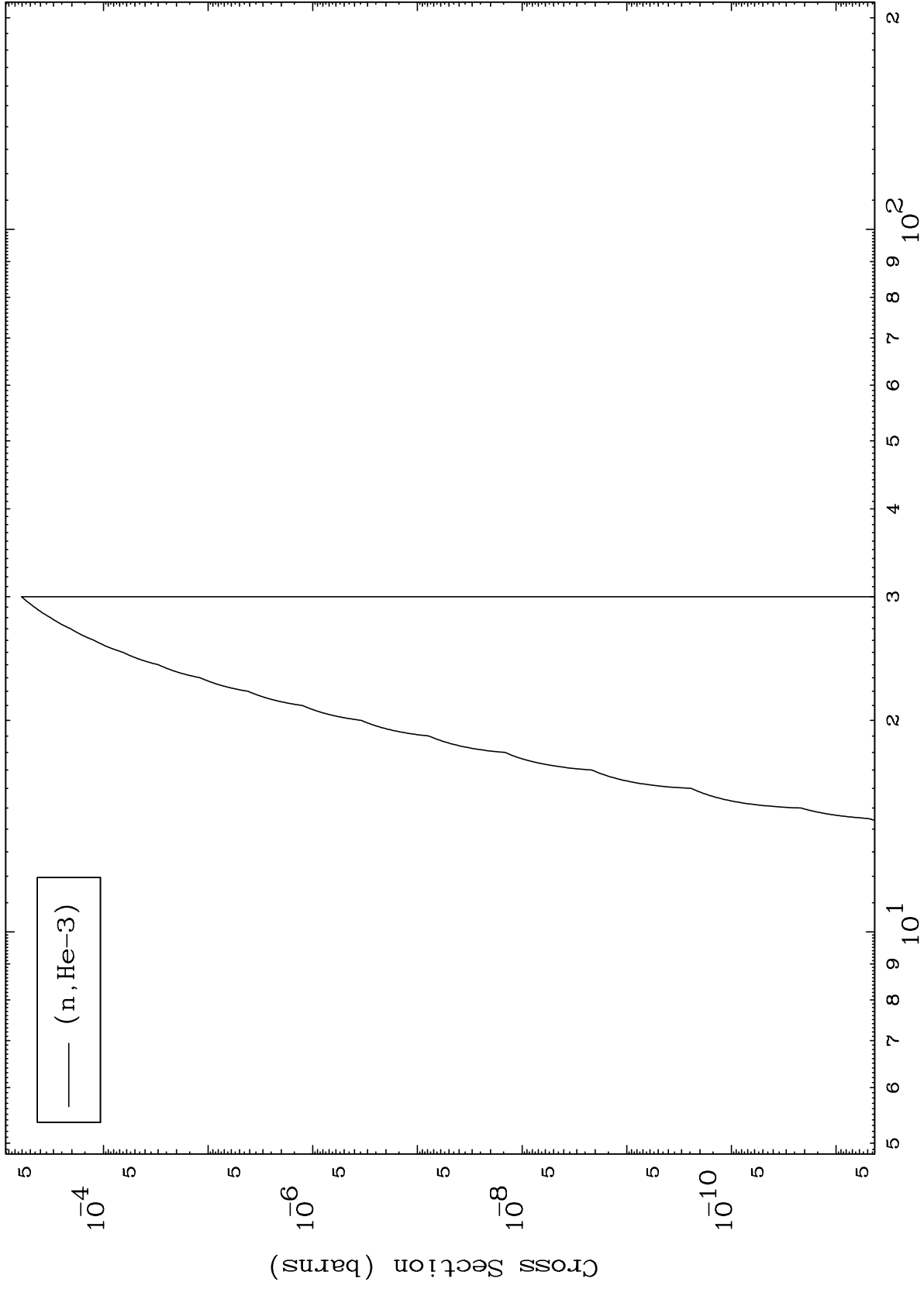
Incident Energy (MeV)

71-Lu-174

MAT 7122

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-174



13

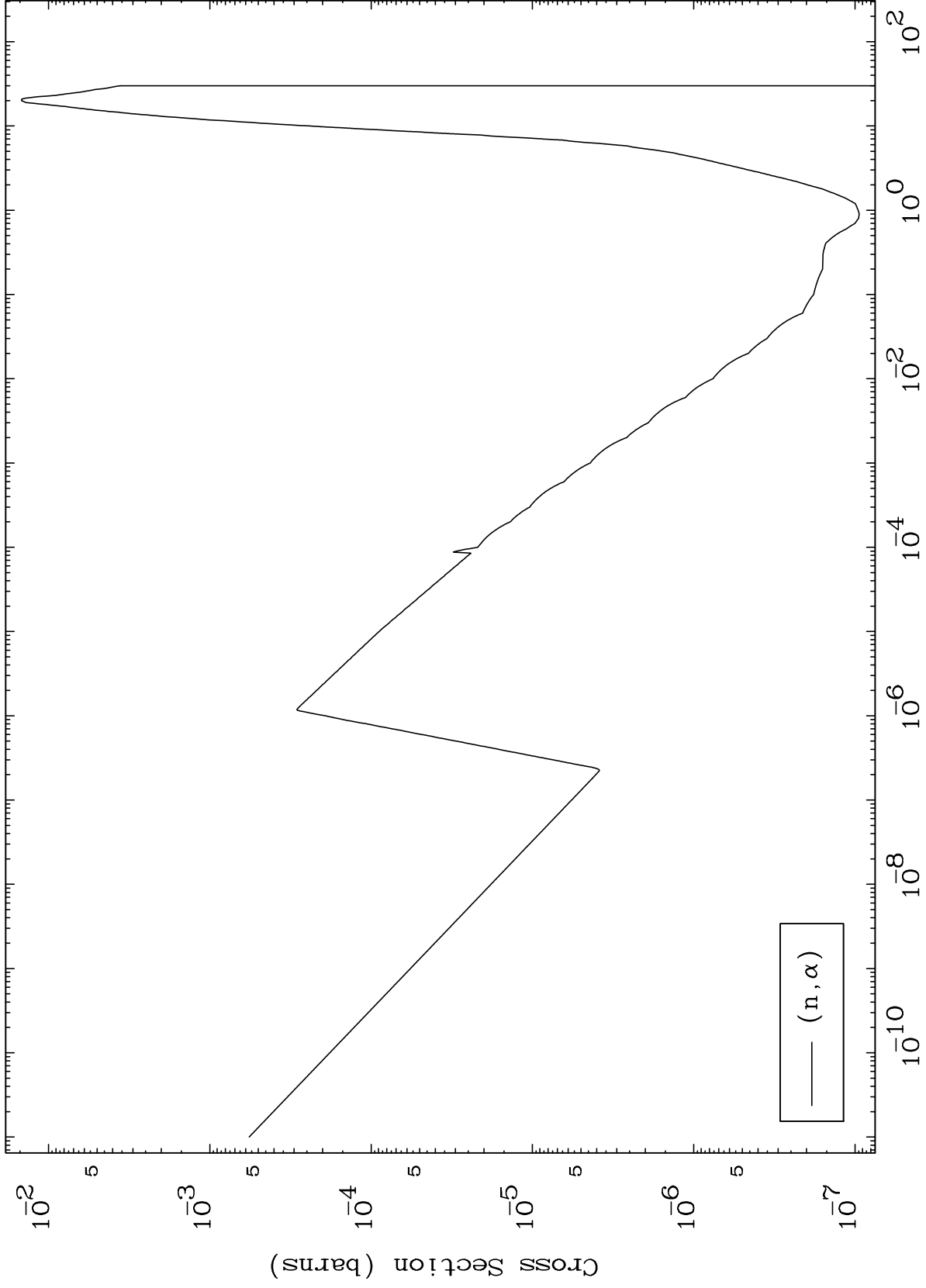
Incident Energy (MeV)

71-Lu-174

MAT 7122

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

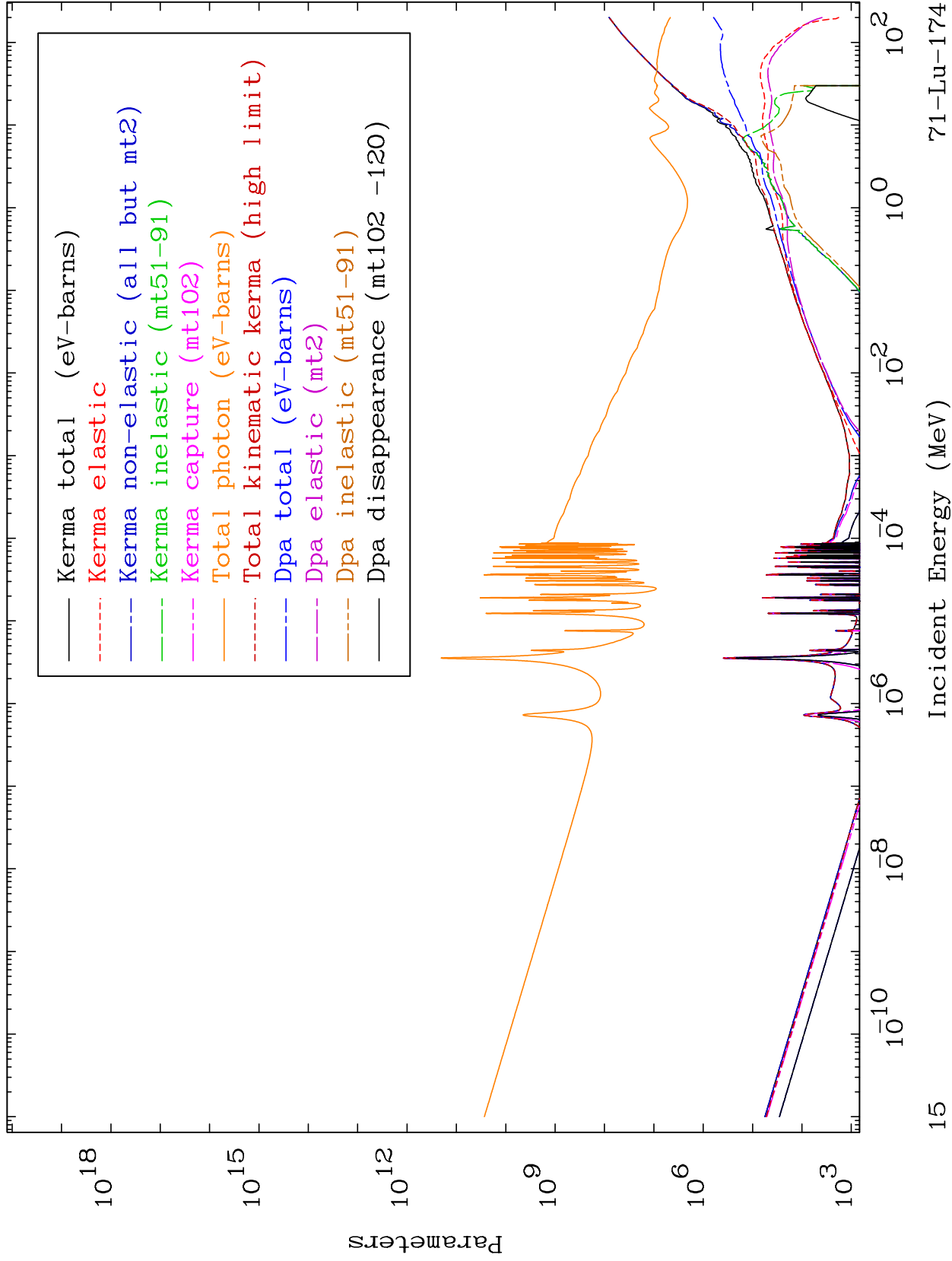
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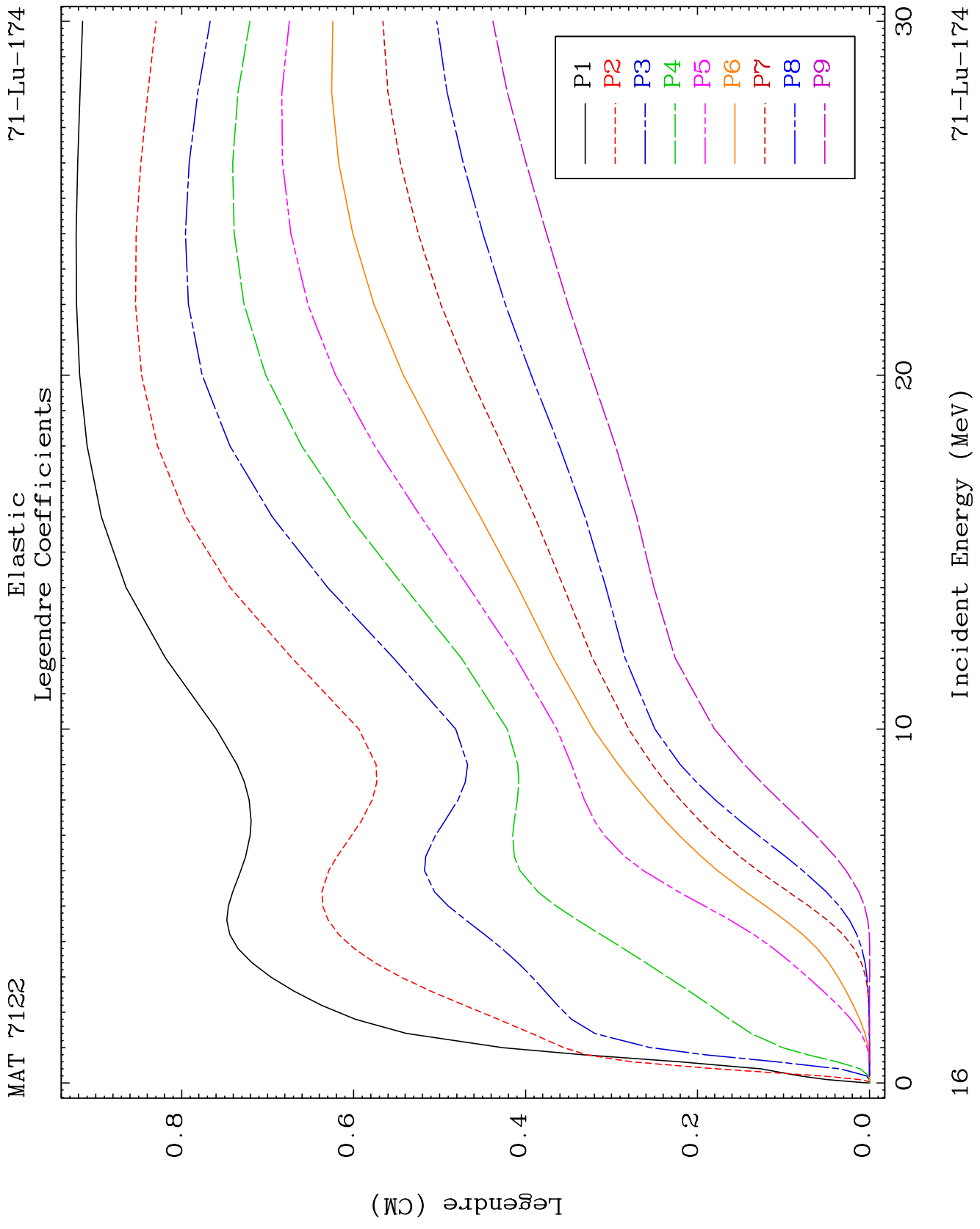
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Incident Energy (MeV)

71-Lu-174



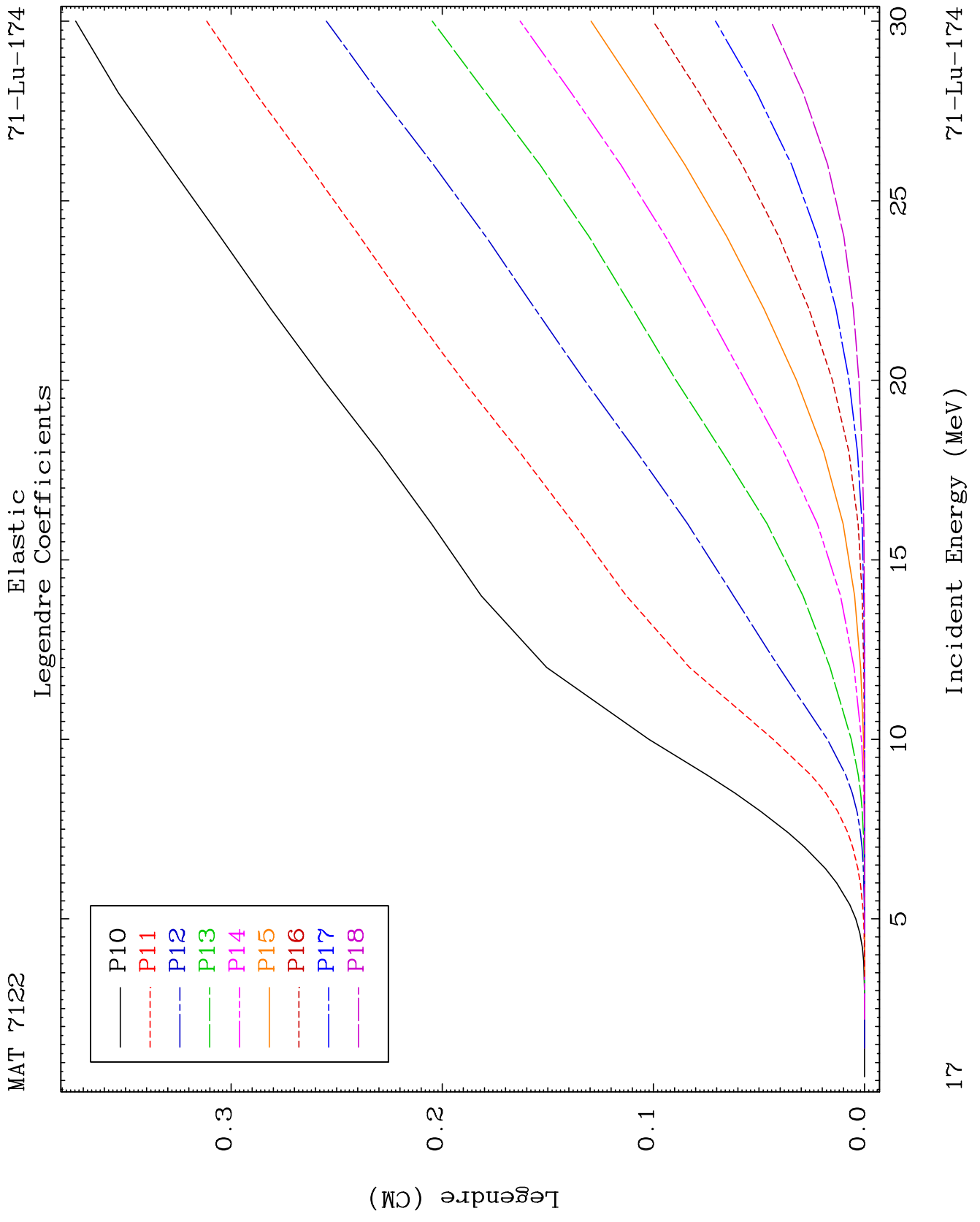




71-Lu-174

Incident Energy (MeV)

16

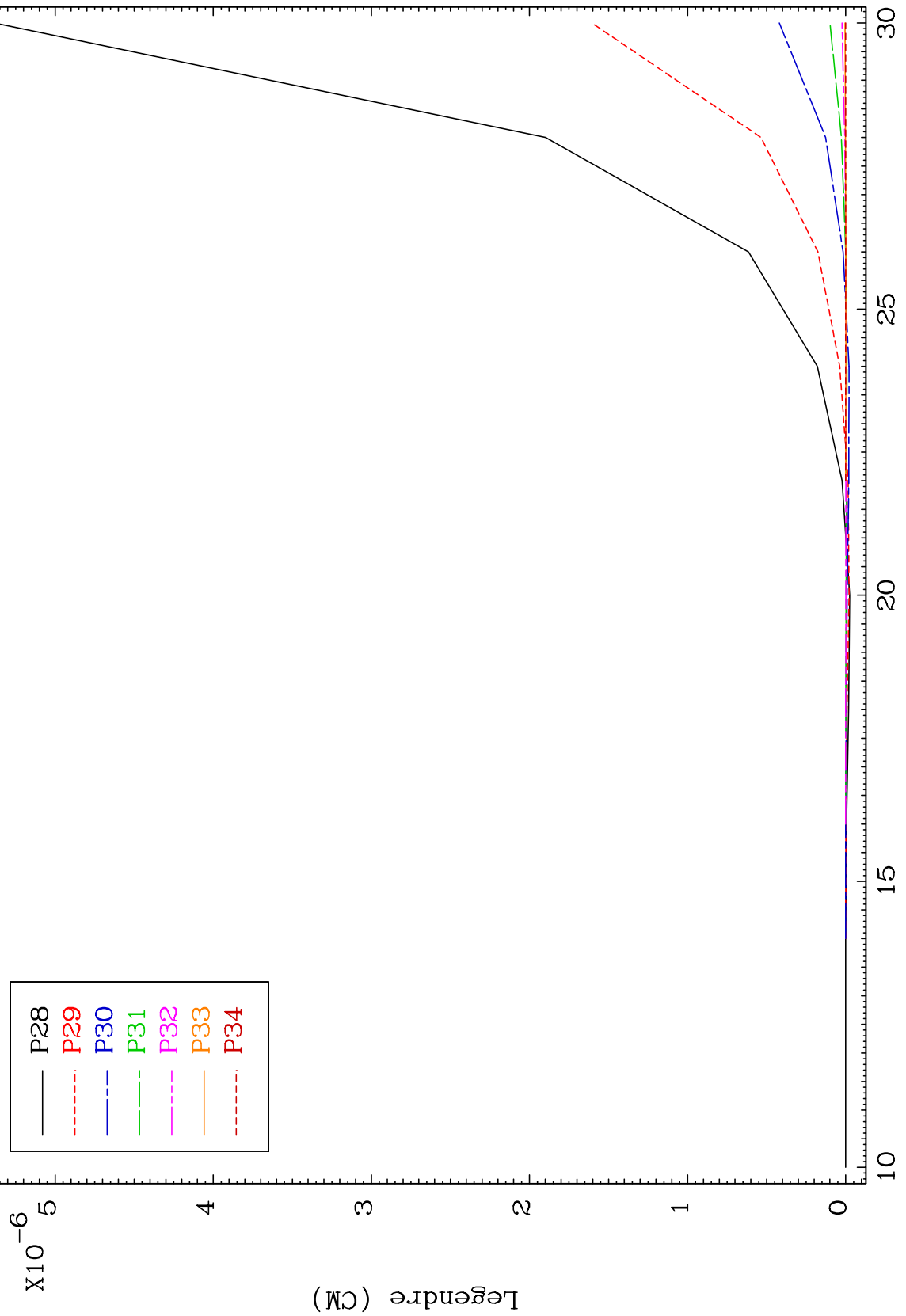
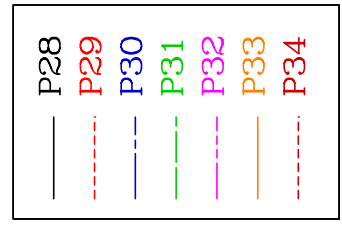




MAT 7122

Elastic Legendre Coefficients

71-Lu-174

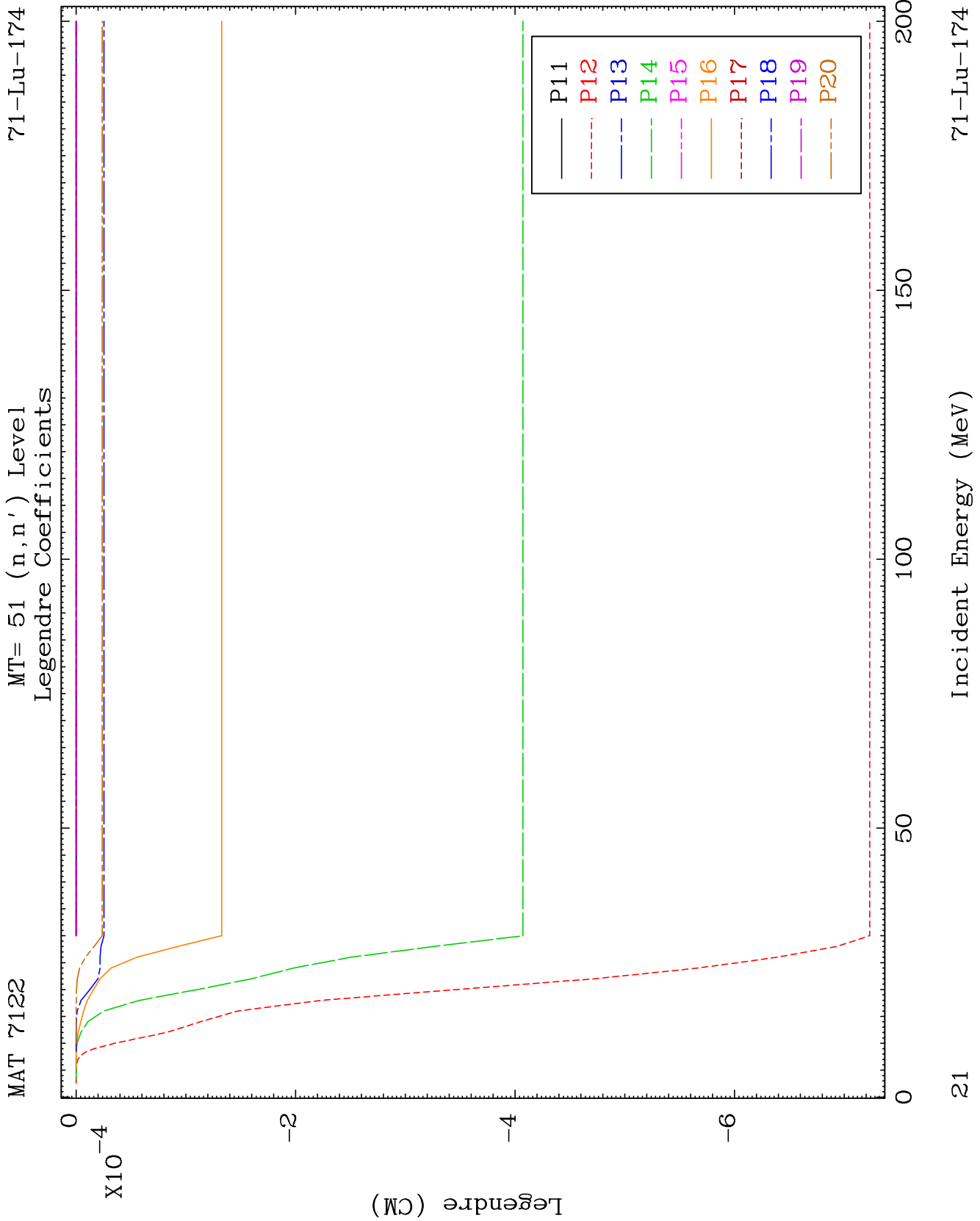


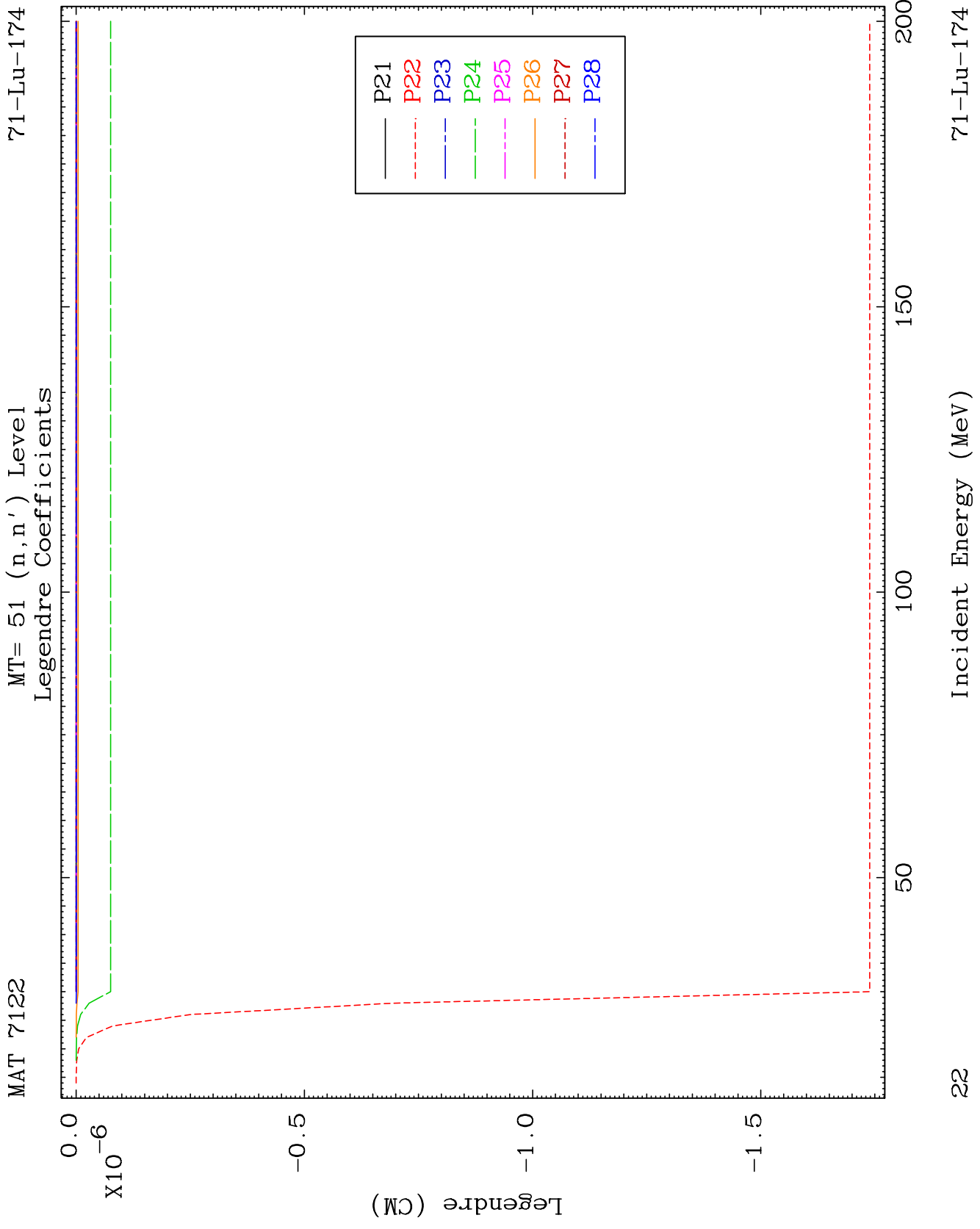
19

Incident Energy (MeV)

71-Lu-174



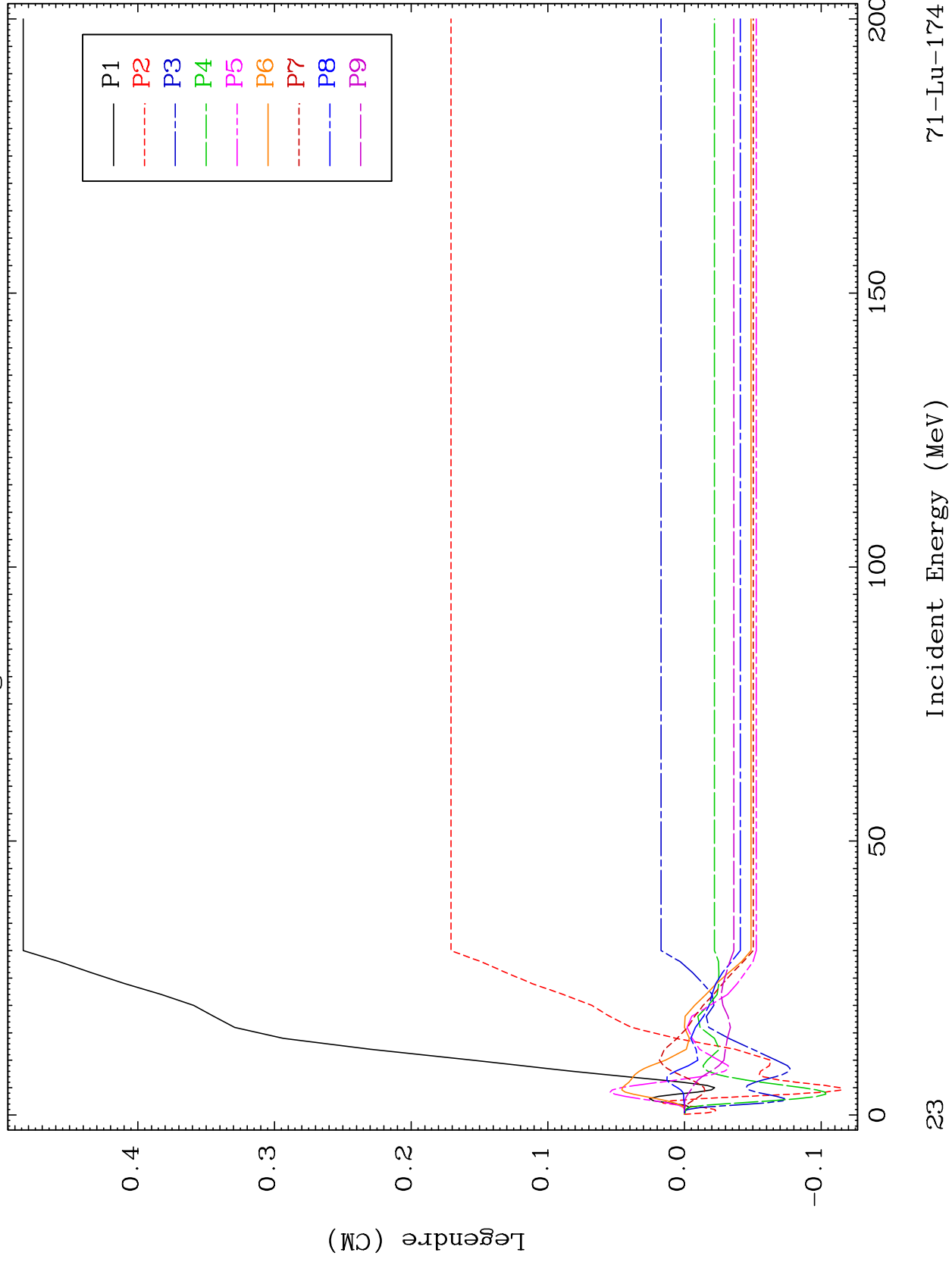




MAT 7122

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

71-Lu-174



71-Lu-174

Incident Energy (MeV)

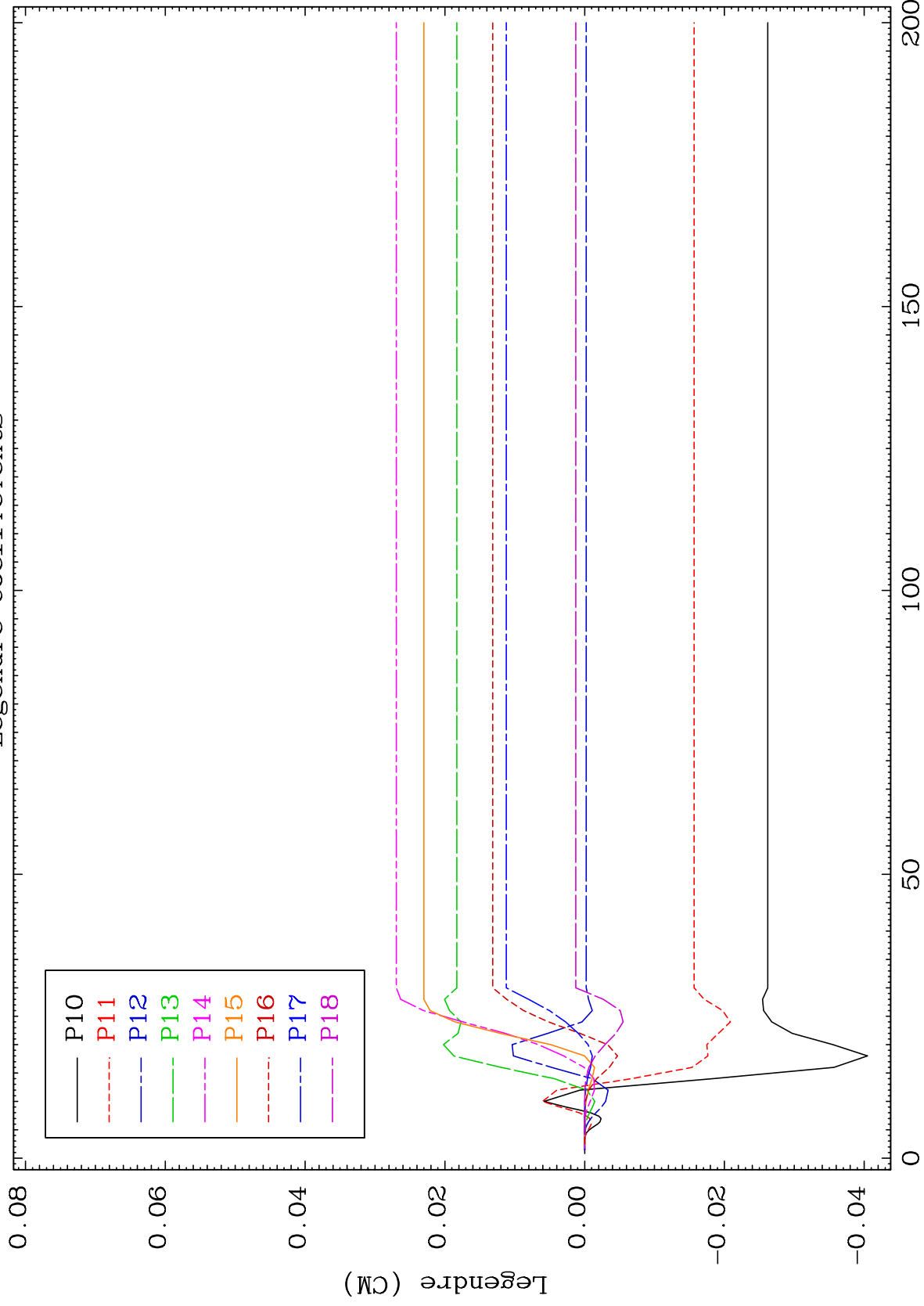
23



MAT 71222

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

71-Lu-174



24

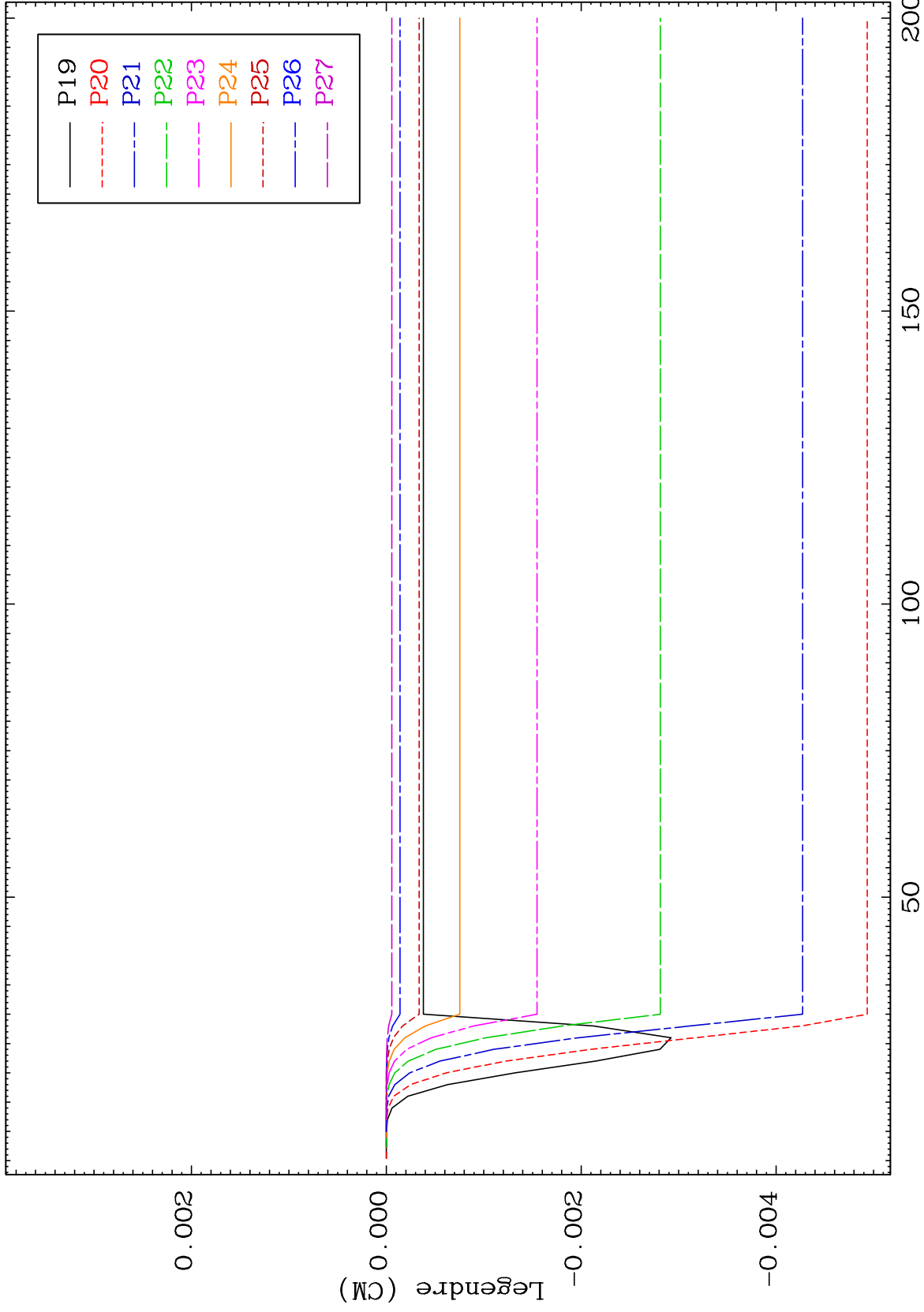
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

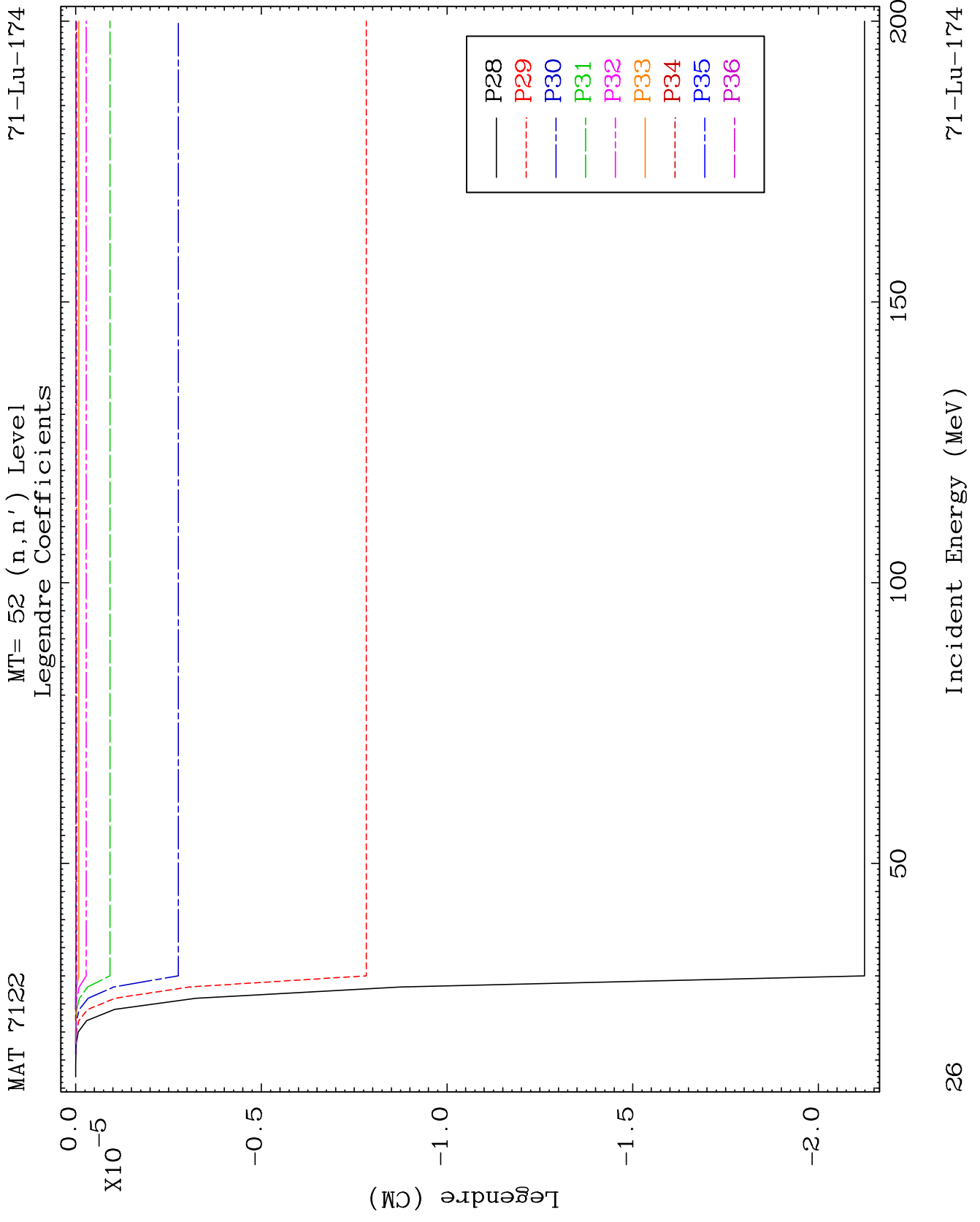
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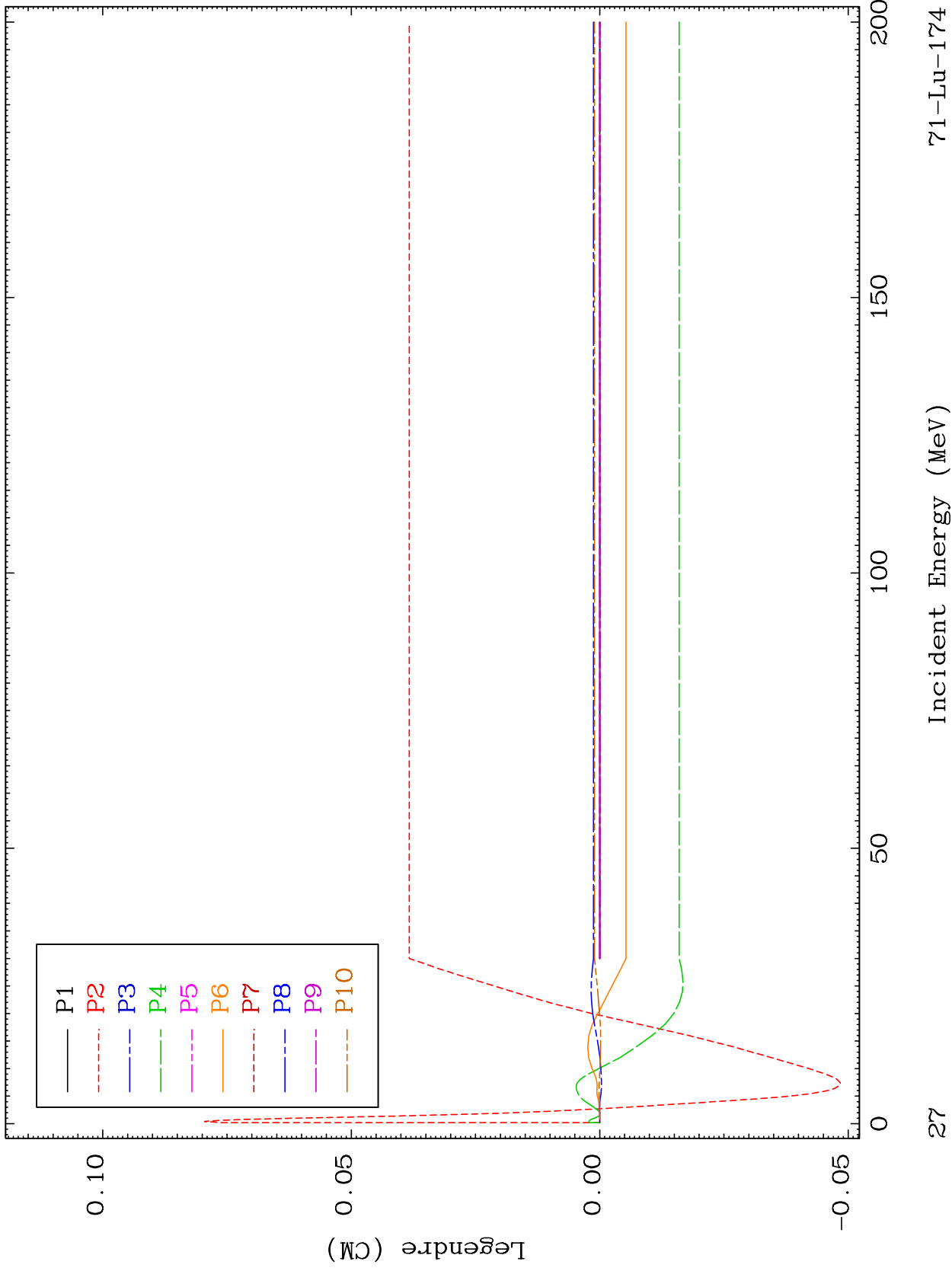


25

Incident Energy (MeV)

71-Lu-174

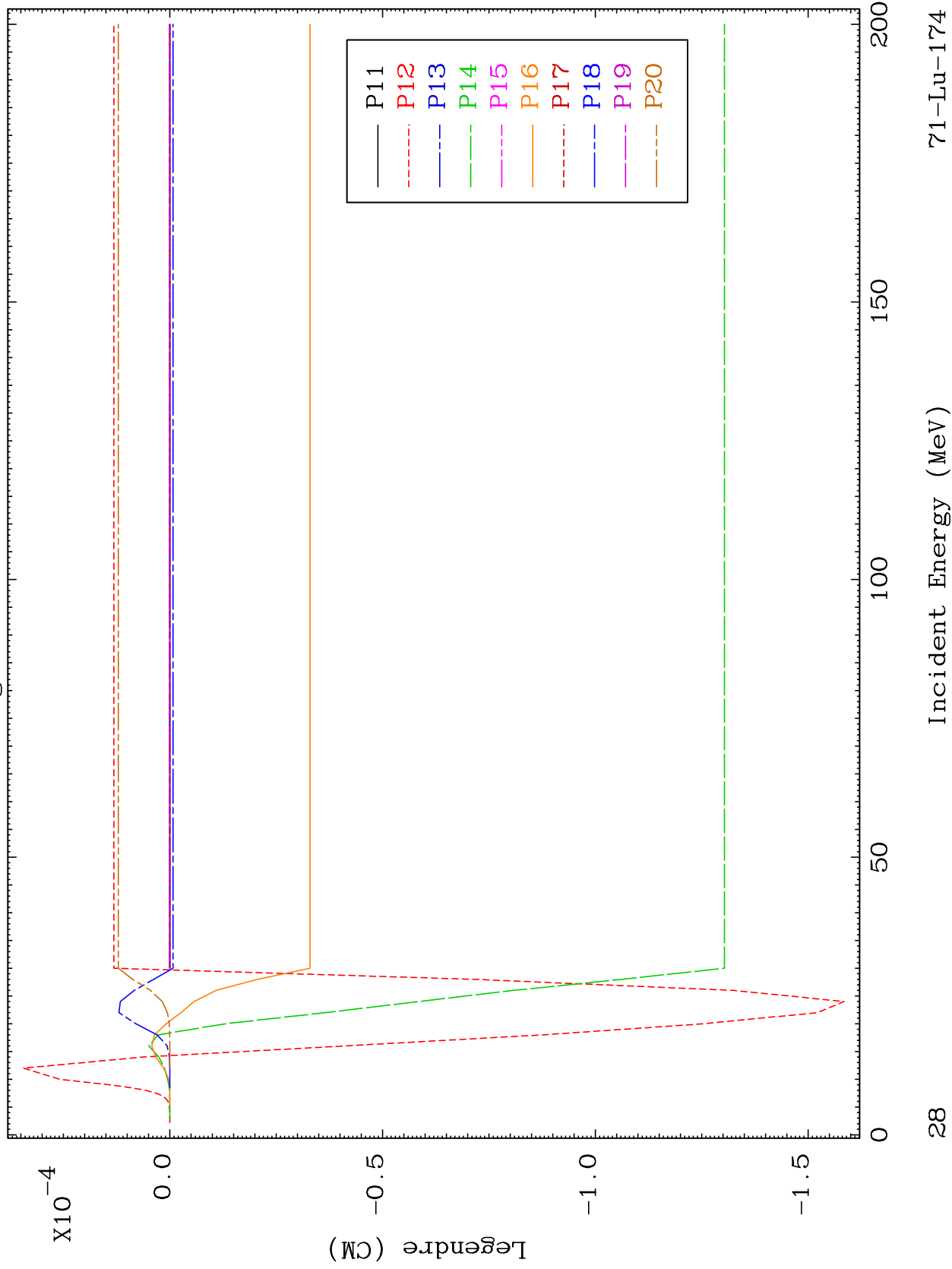




MAT 7122

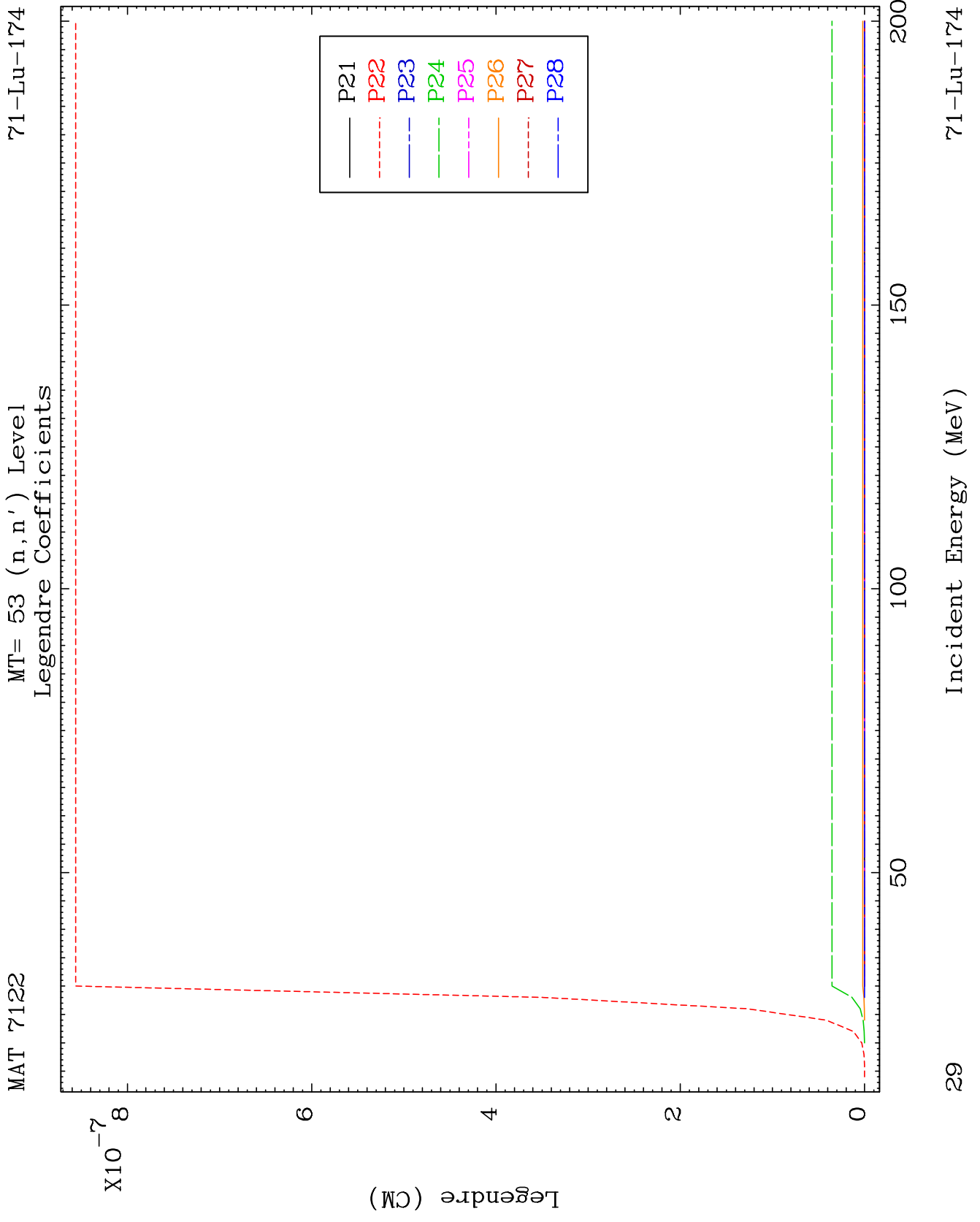
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Legendre Coefficients

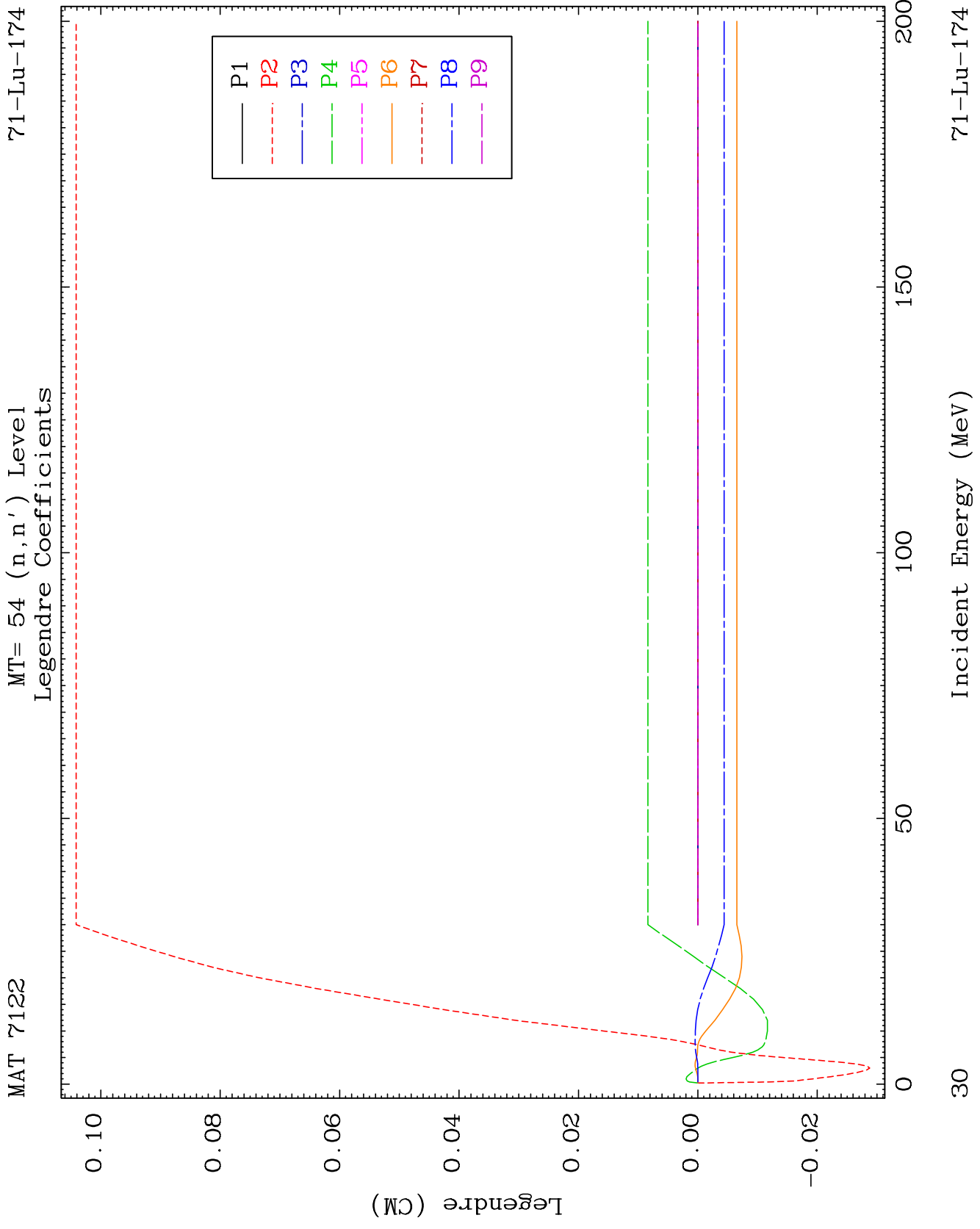
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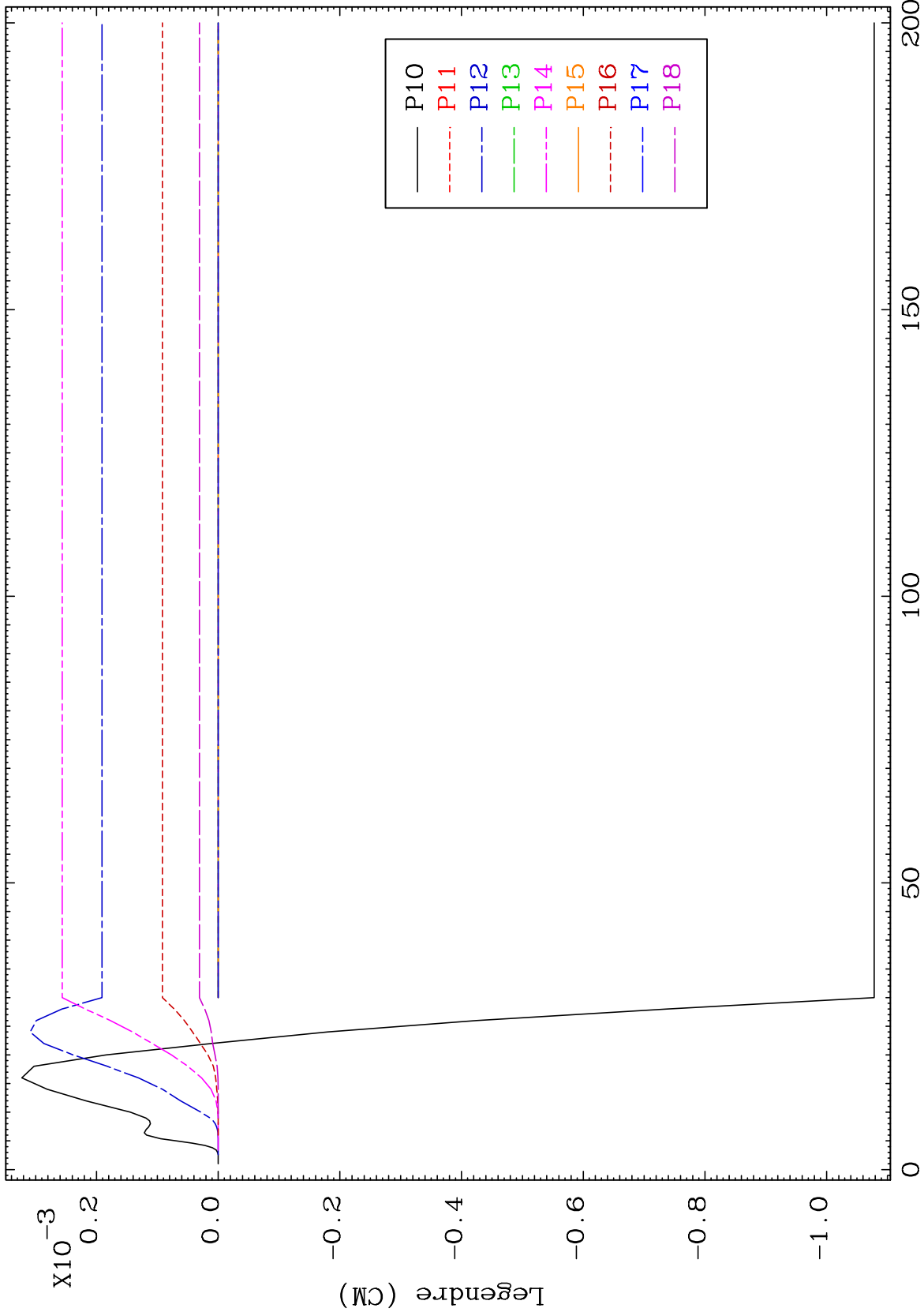


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71-Lu-174

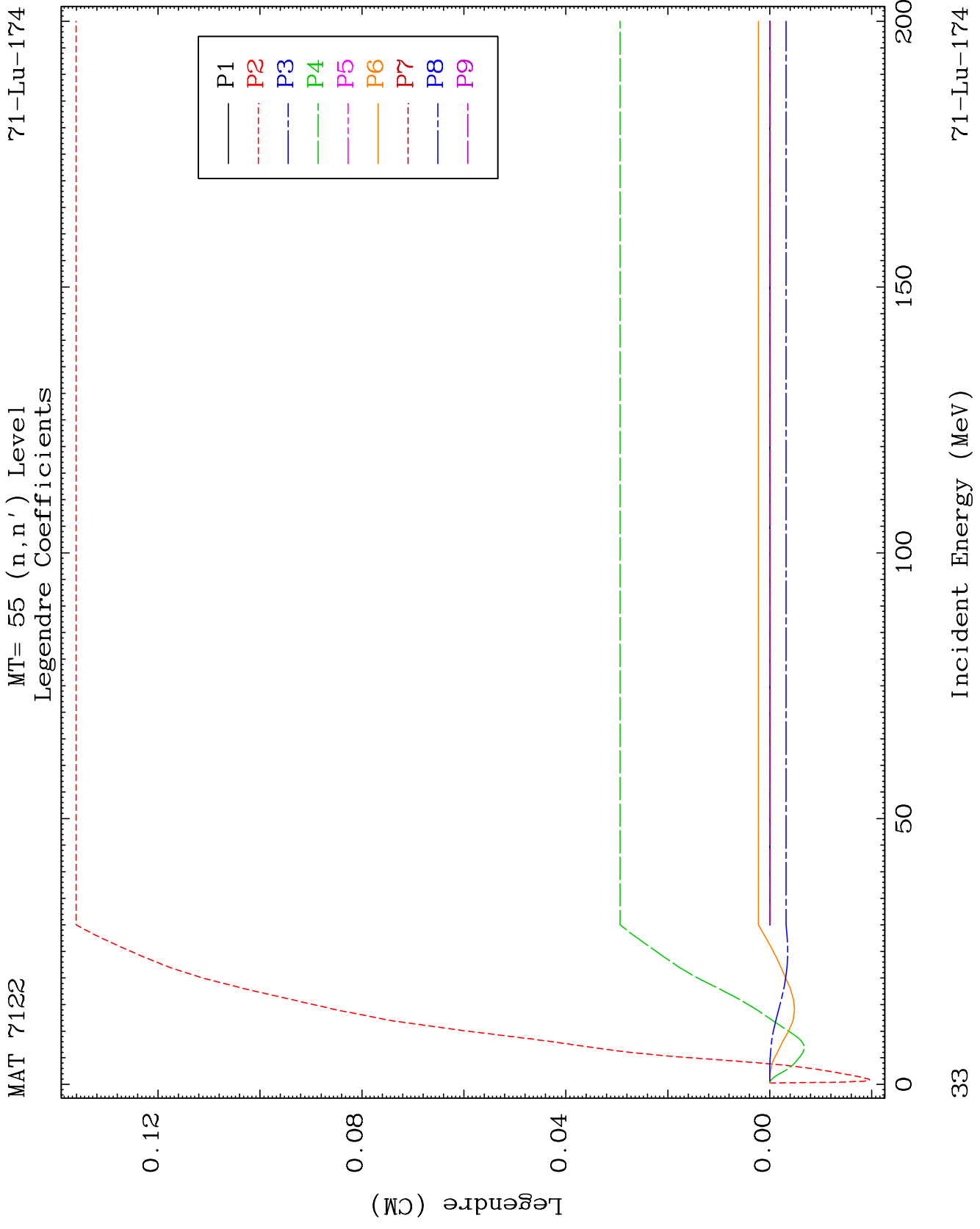


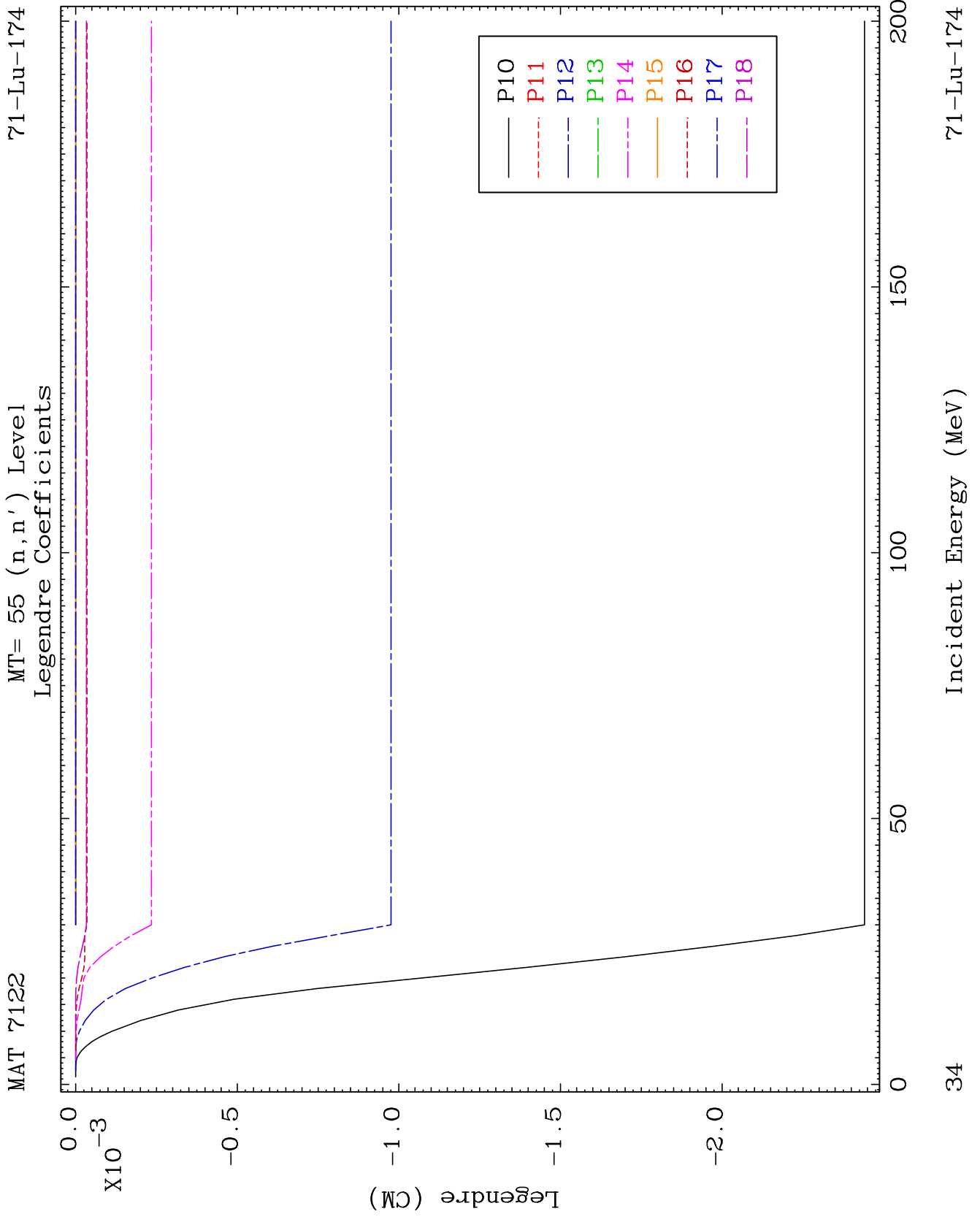


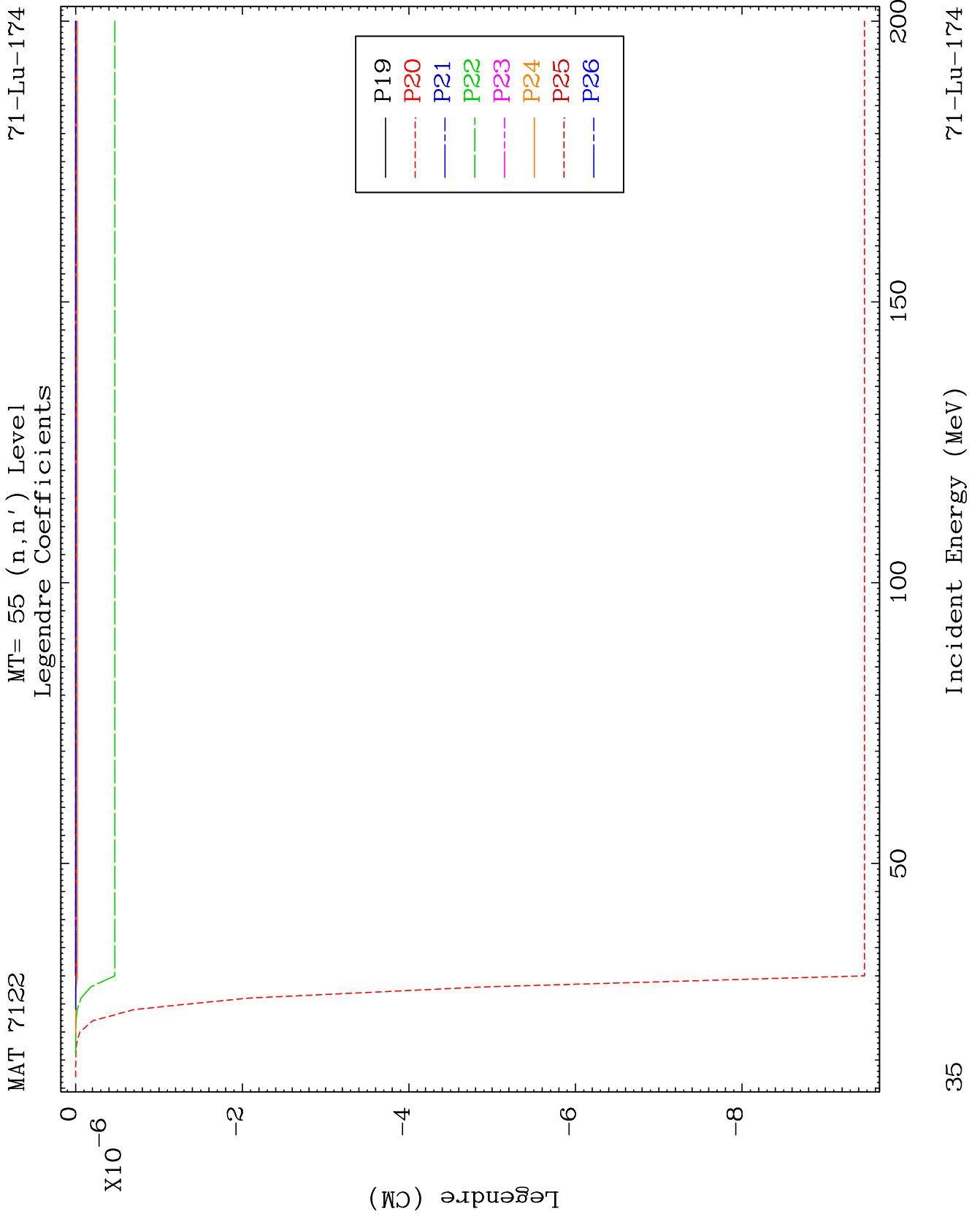


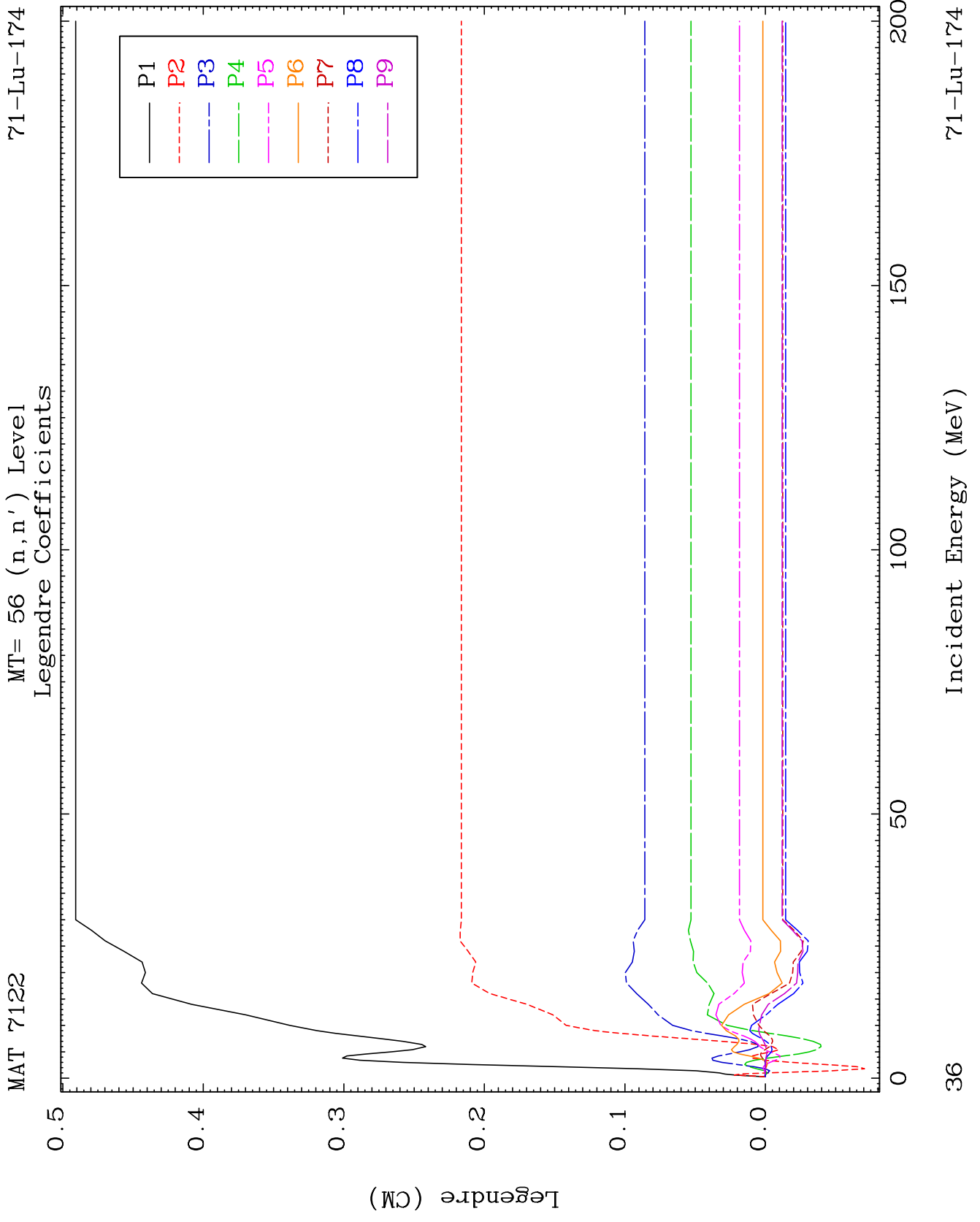








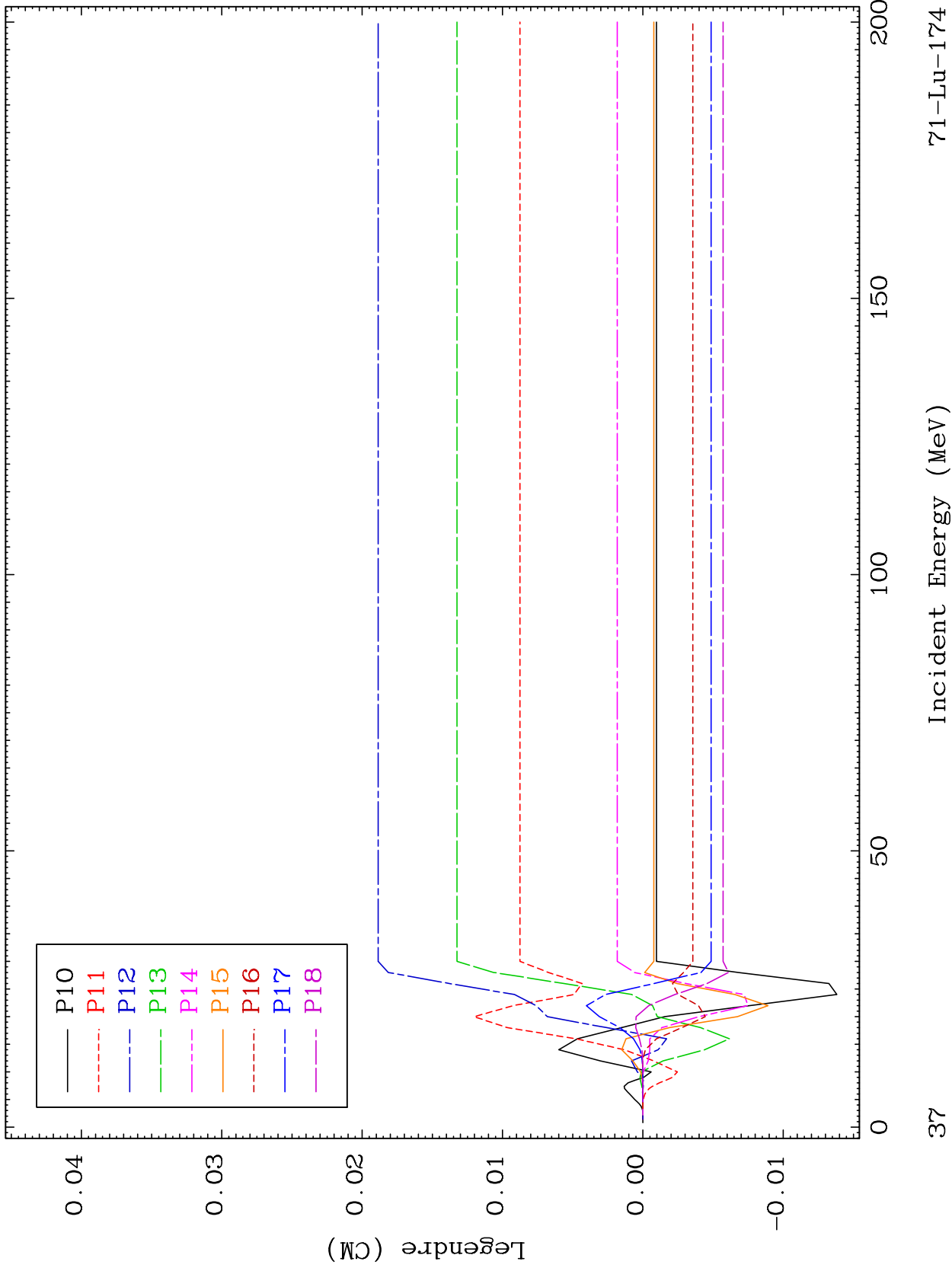




MAT 71222

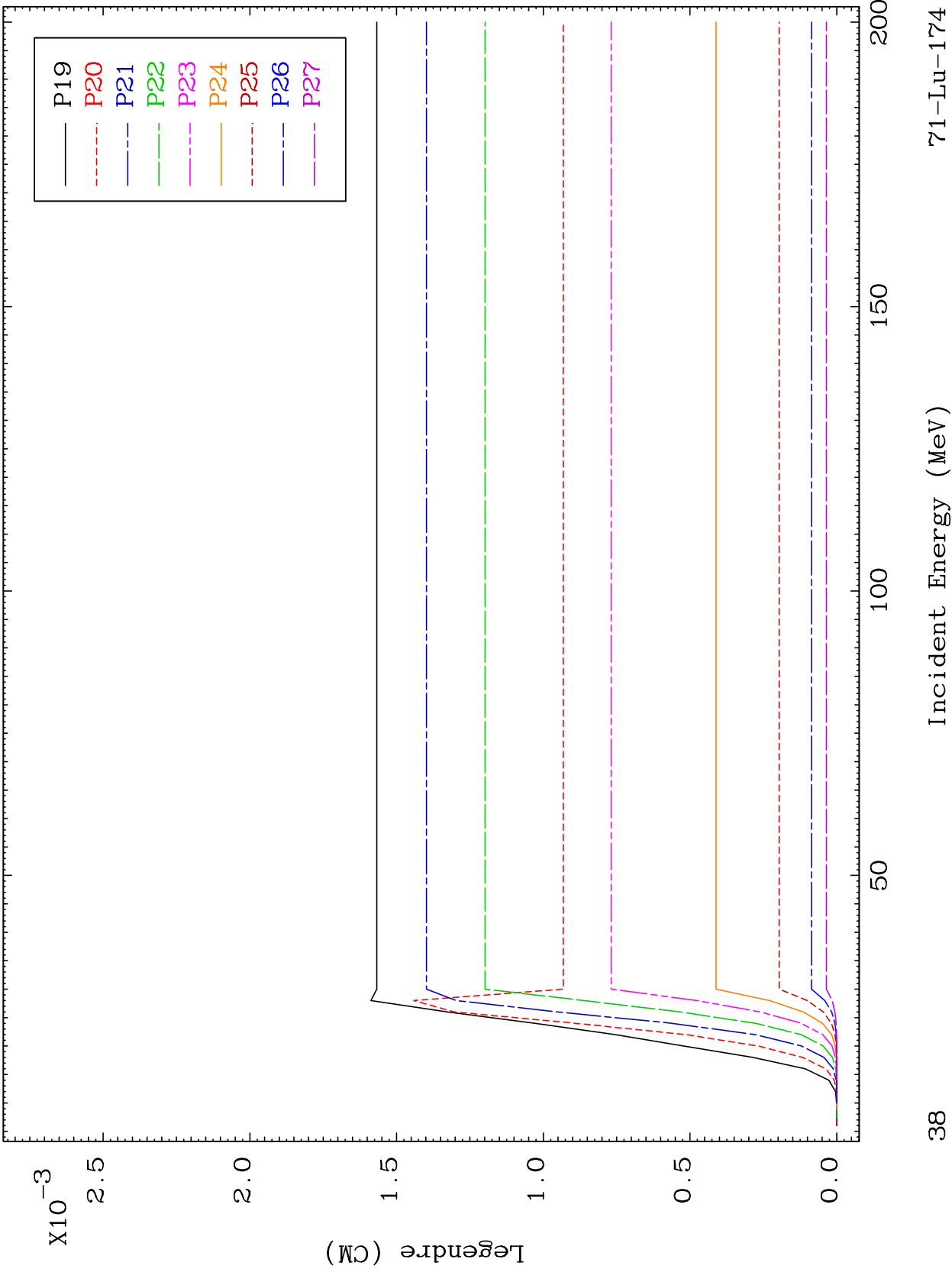
MT= 56 (n,n') Level  
Legendre Coefficients

71-Lu-174



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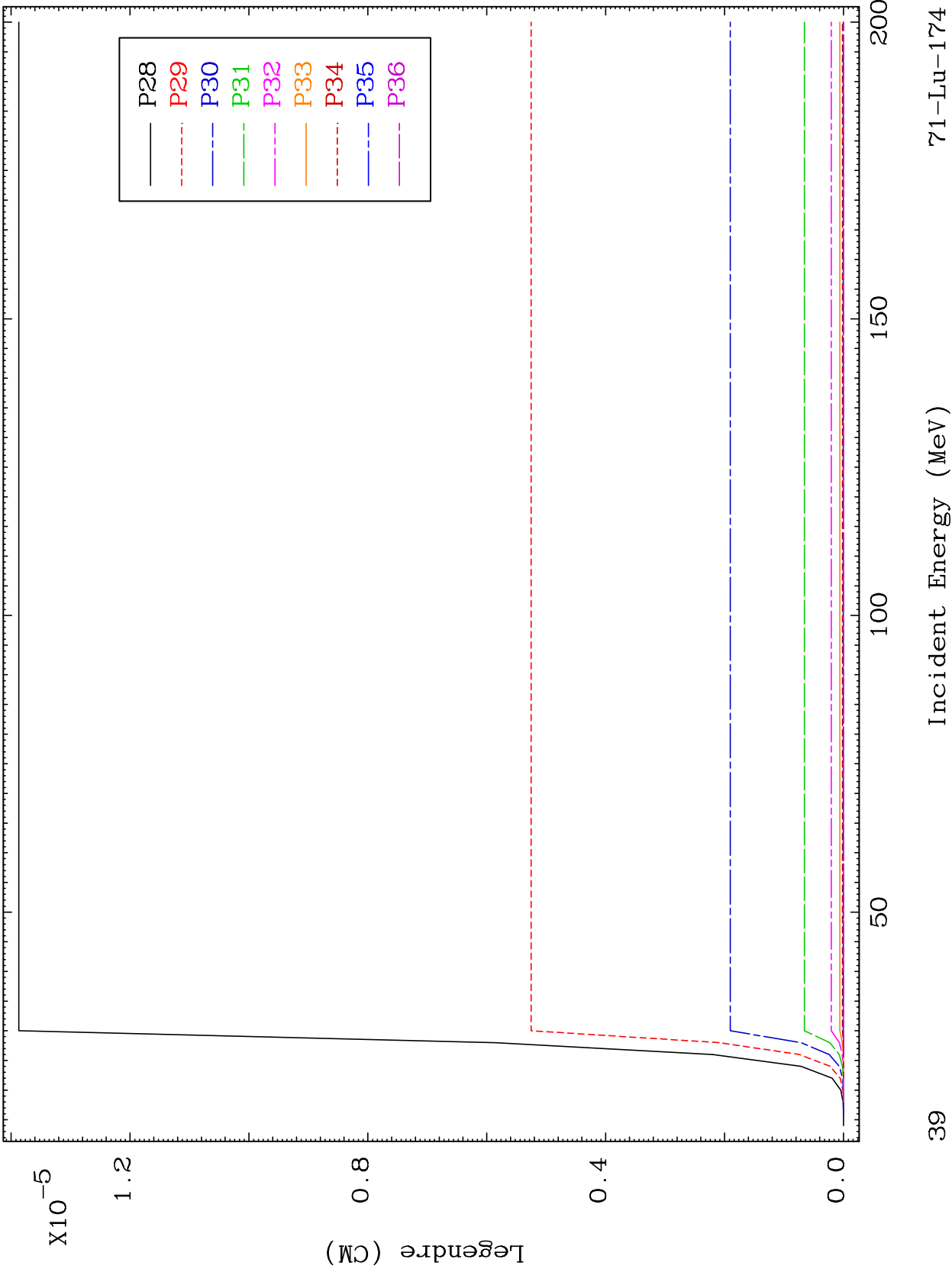
71-Lu-174



MAT 7122

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

71-Lu-174

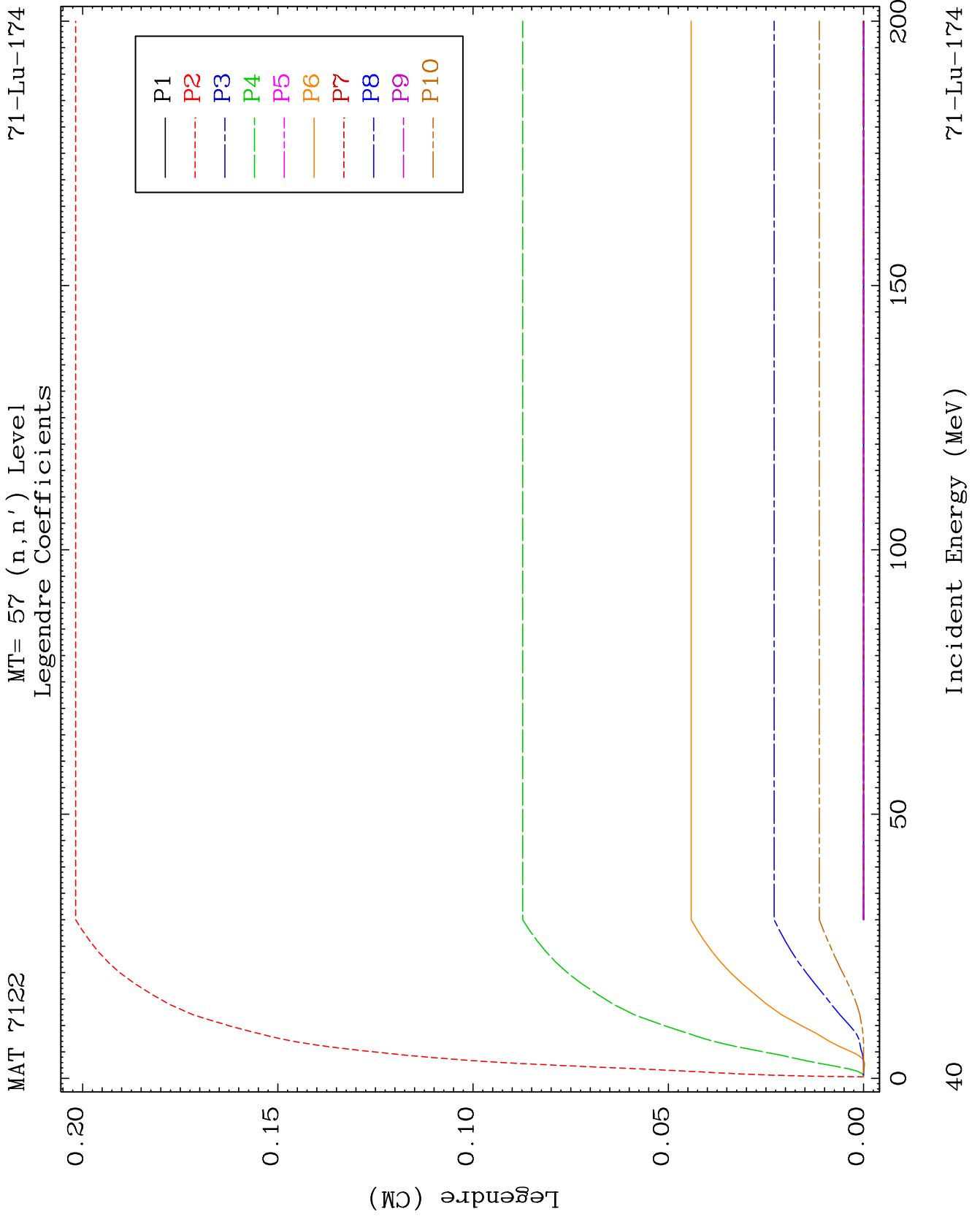


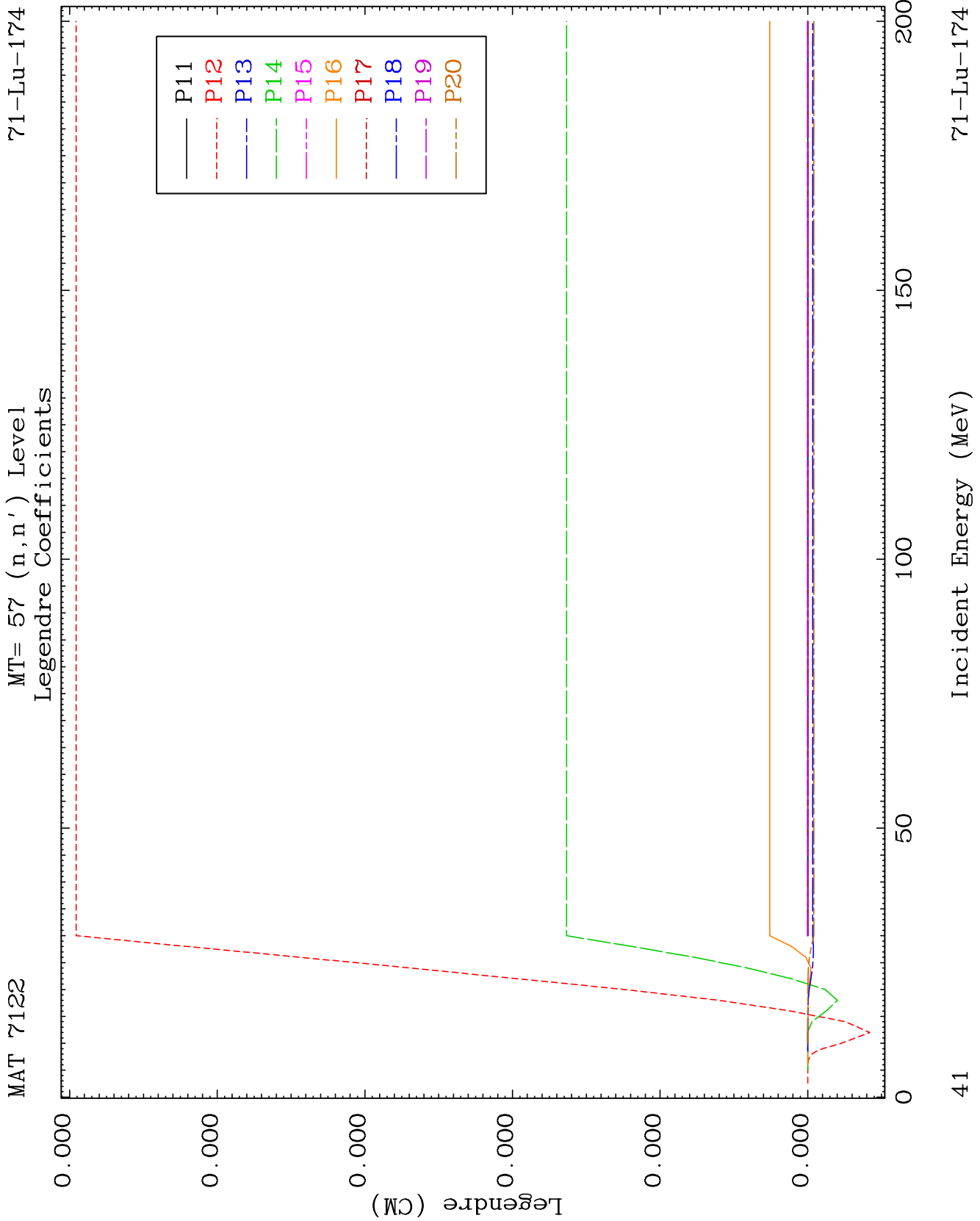
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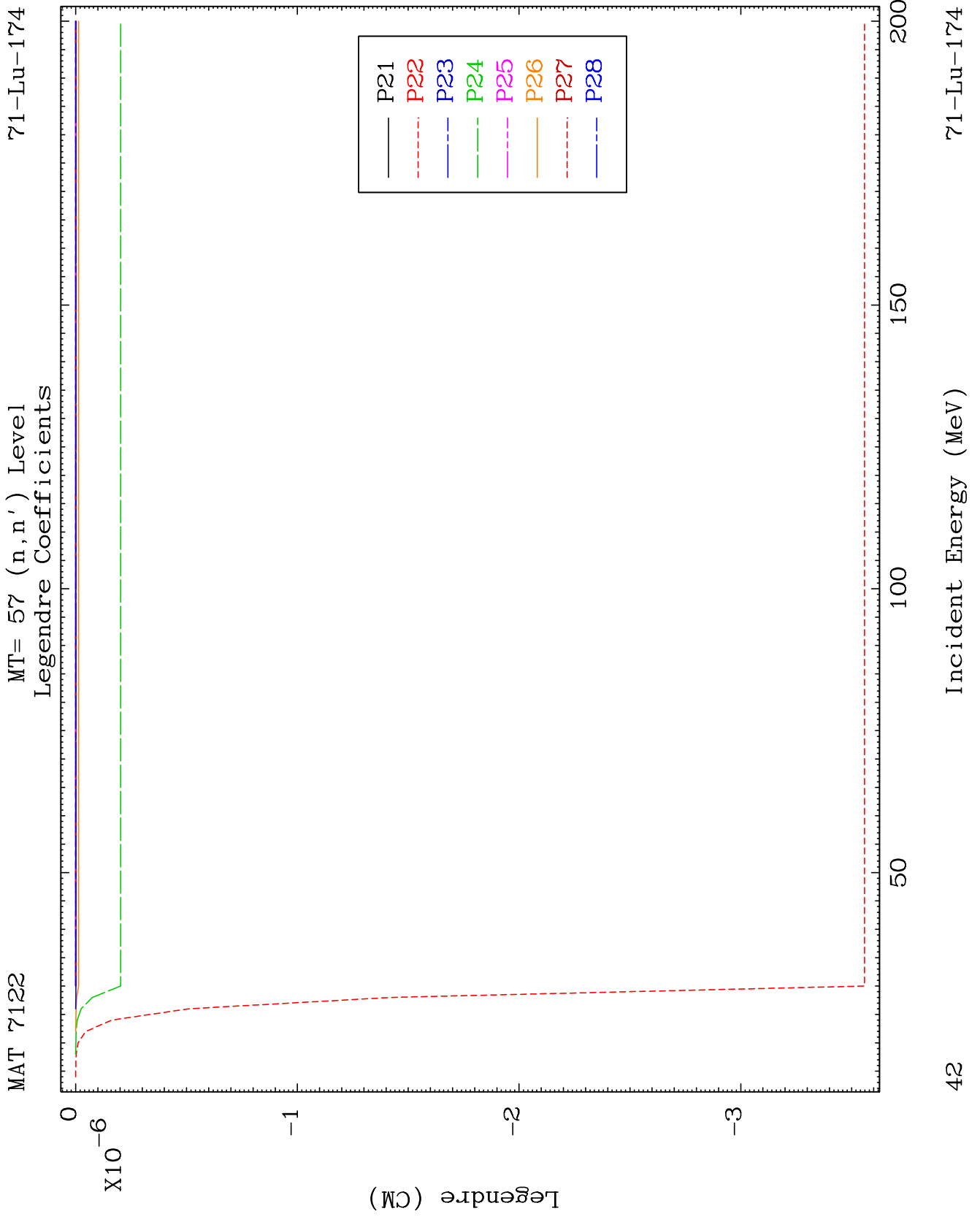
Incident Energy (MeV)

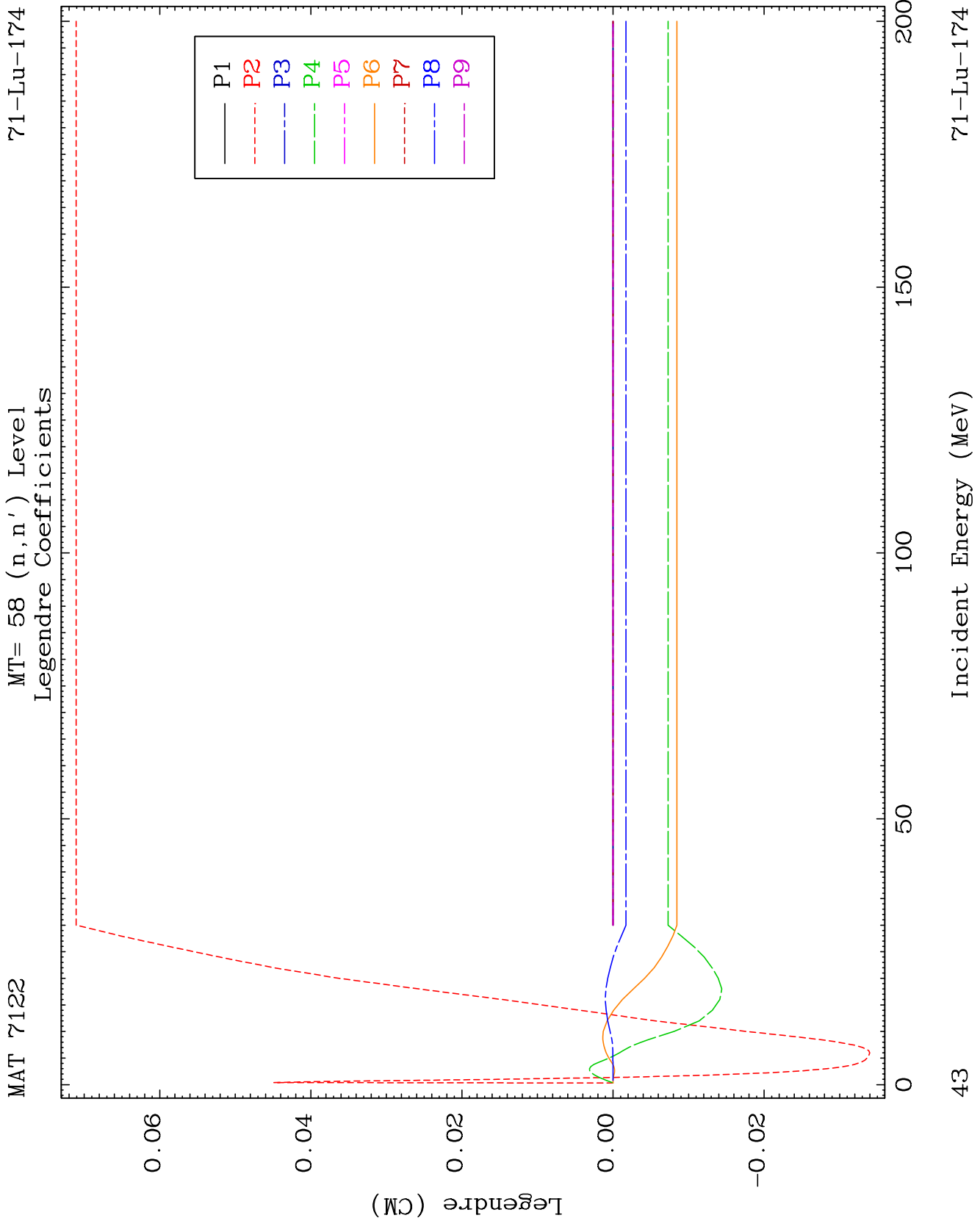
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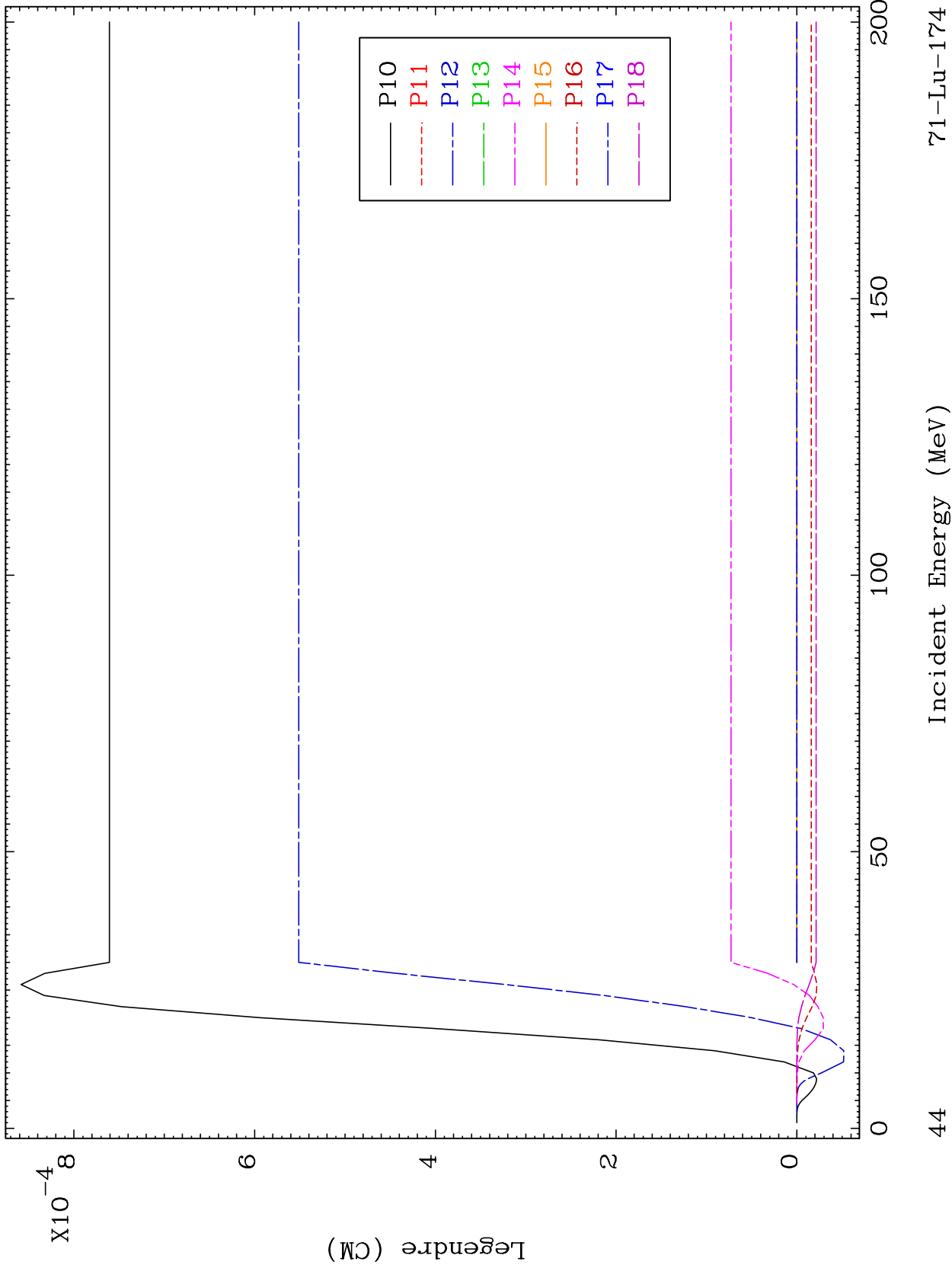




MAT 7122

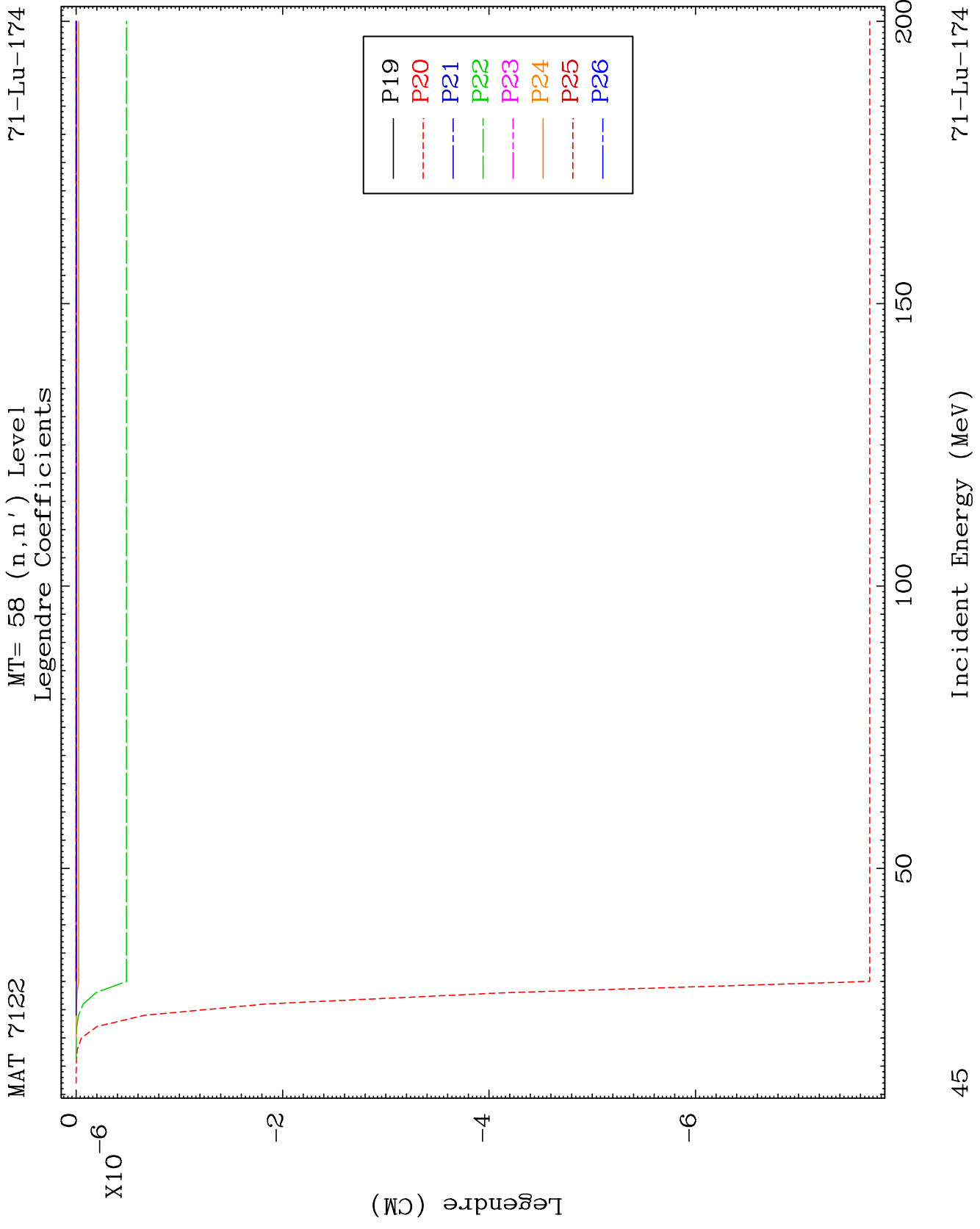
MT= 58 (n,n') Level  
Legendre Coefficients

71-Lu-174

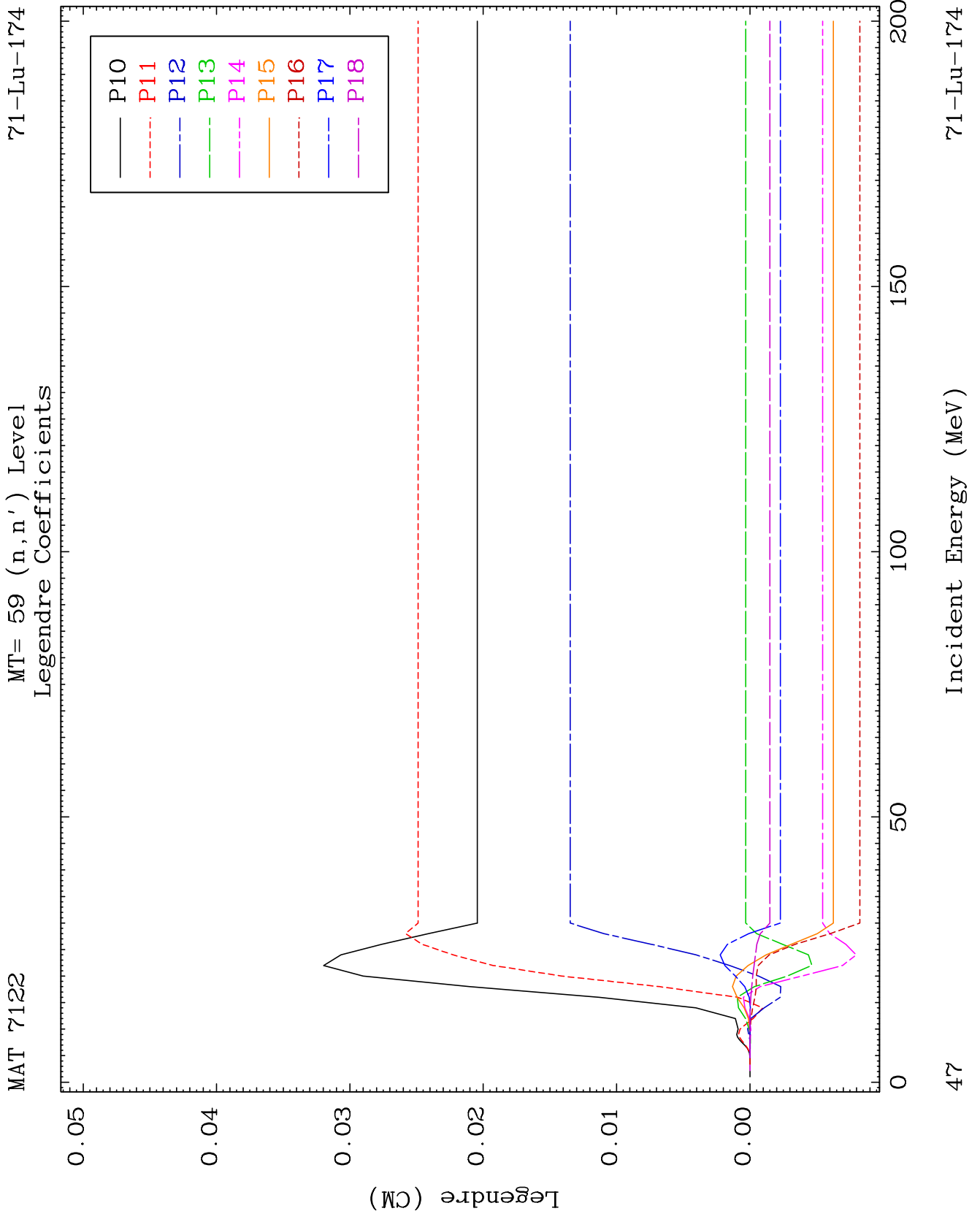


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71-Lu-174





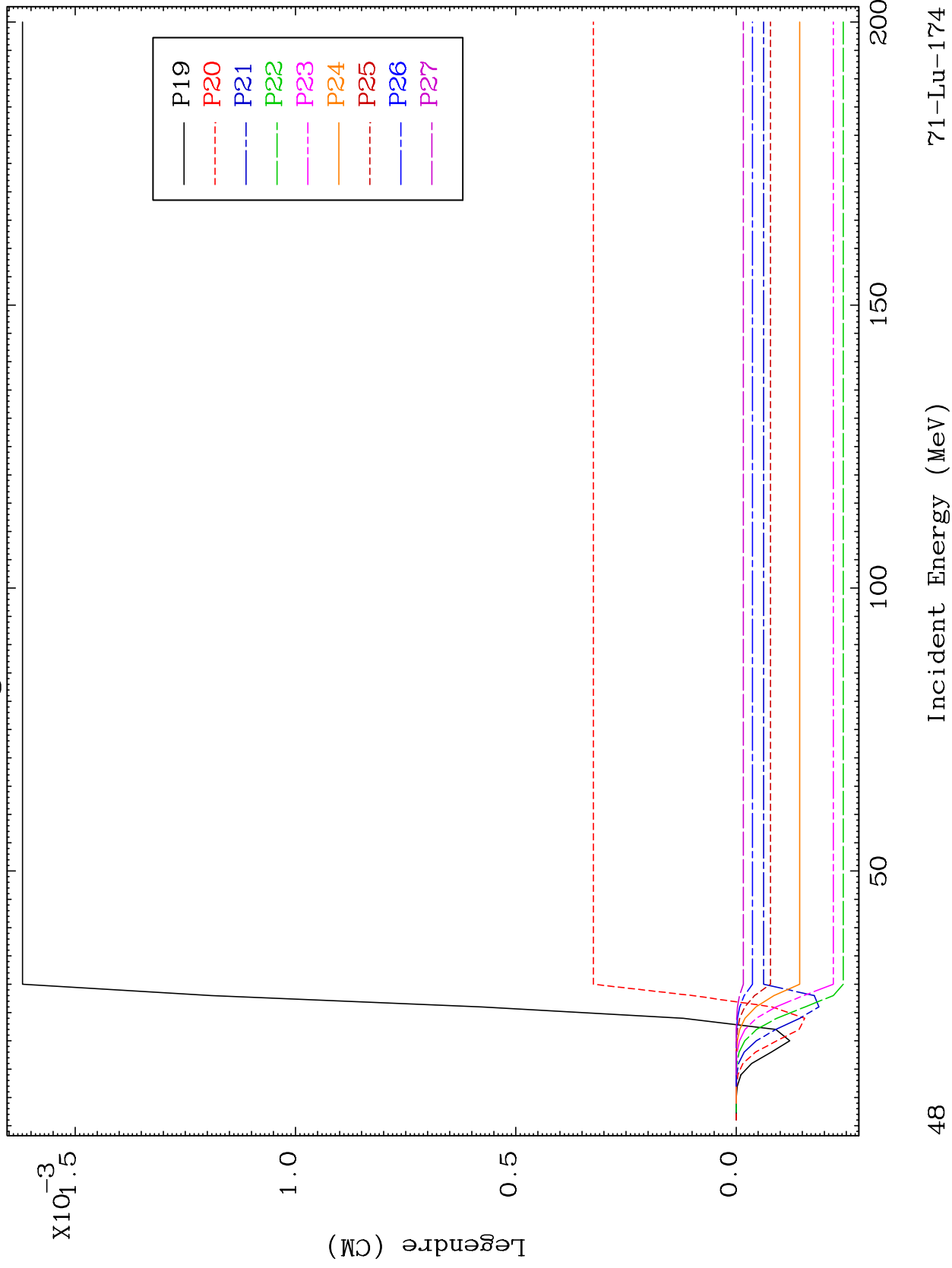




MAT 7122

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

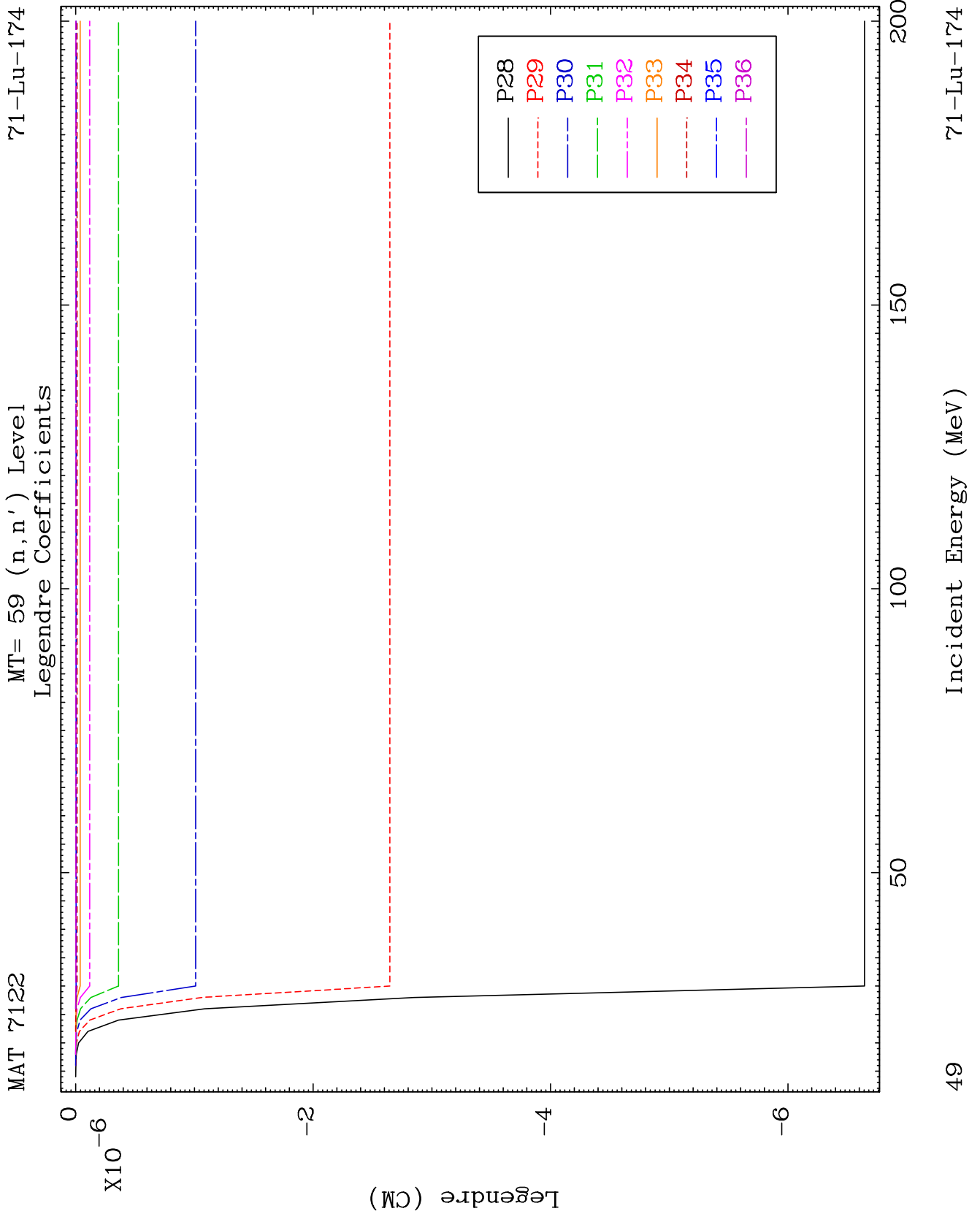
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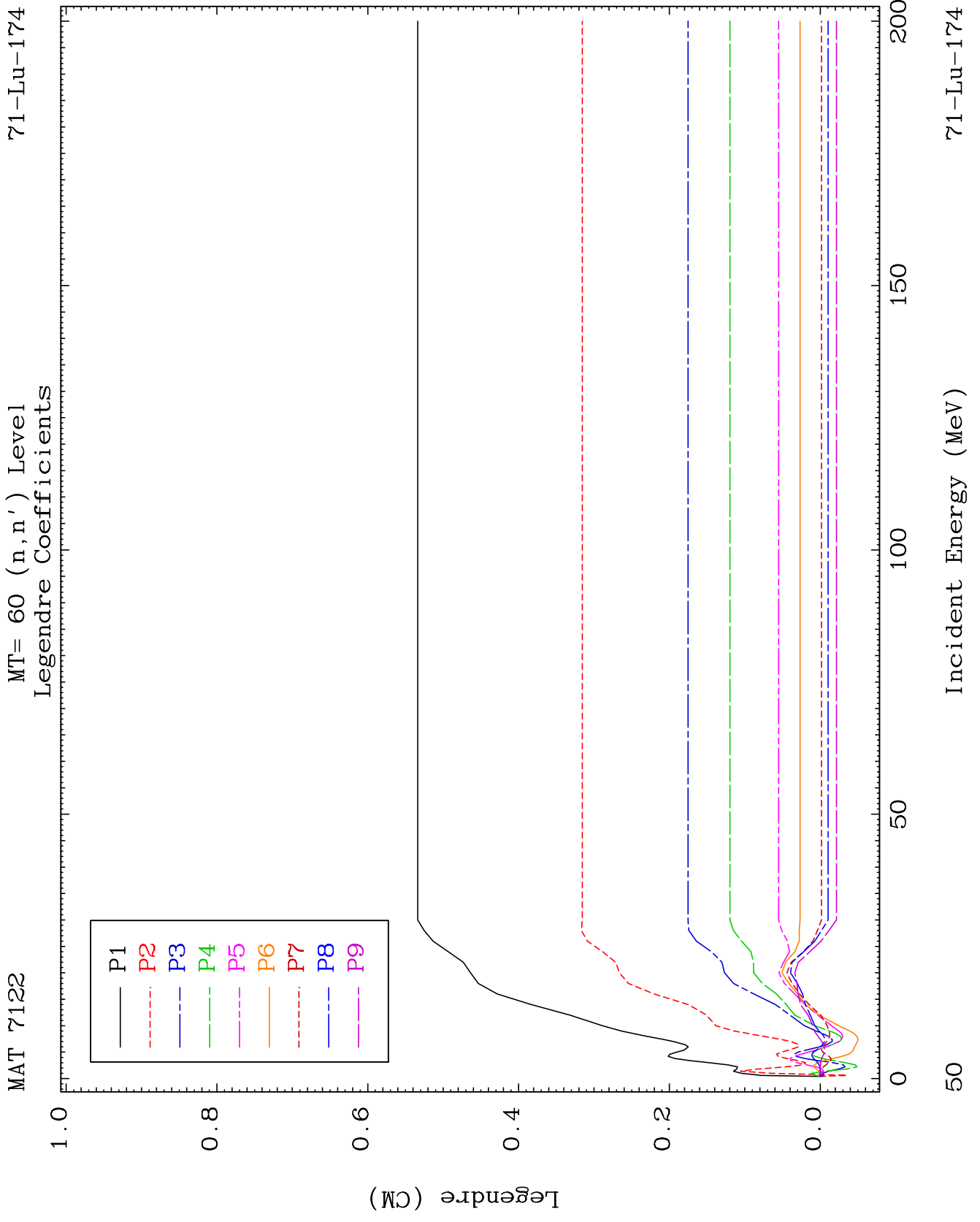


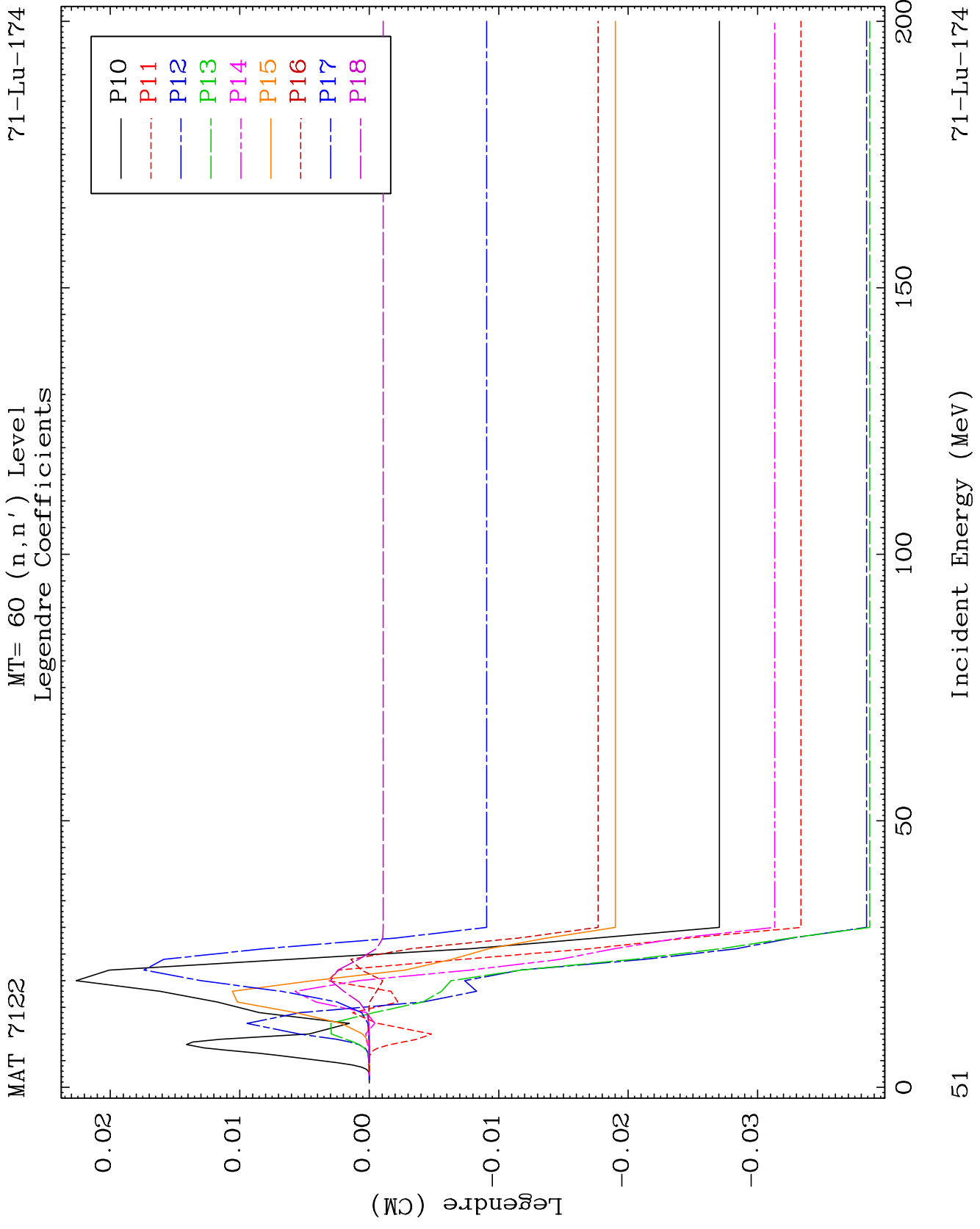
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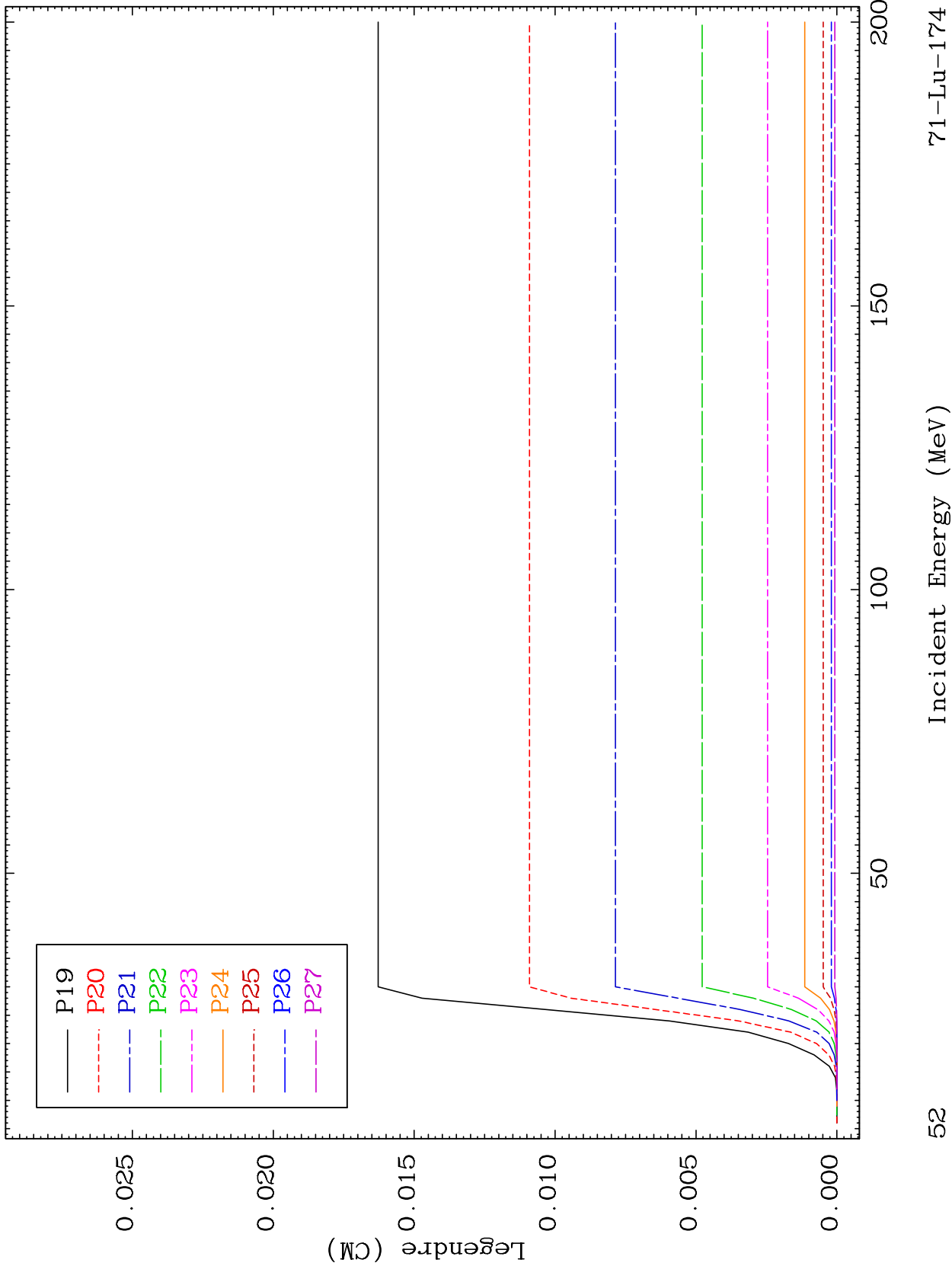
Incident Energy (MeV)

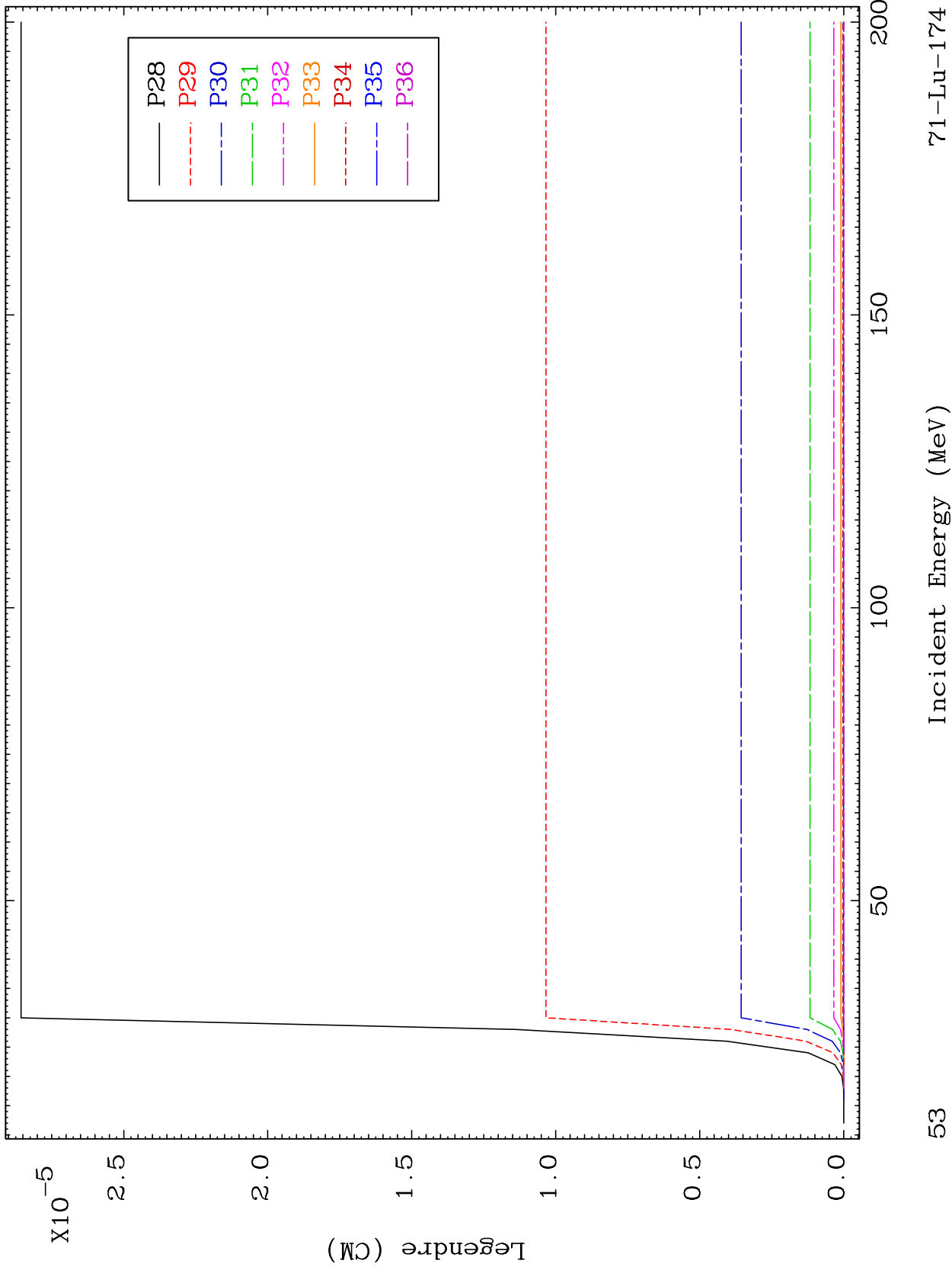
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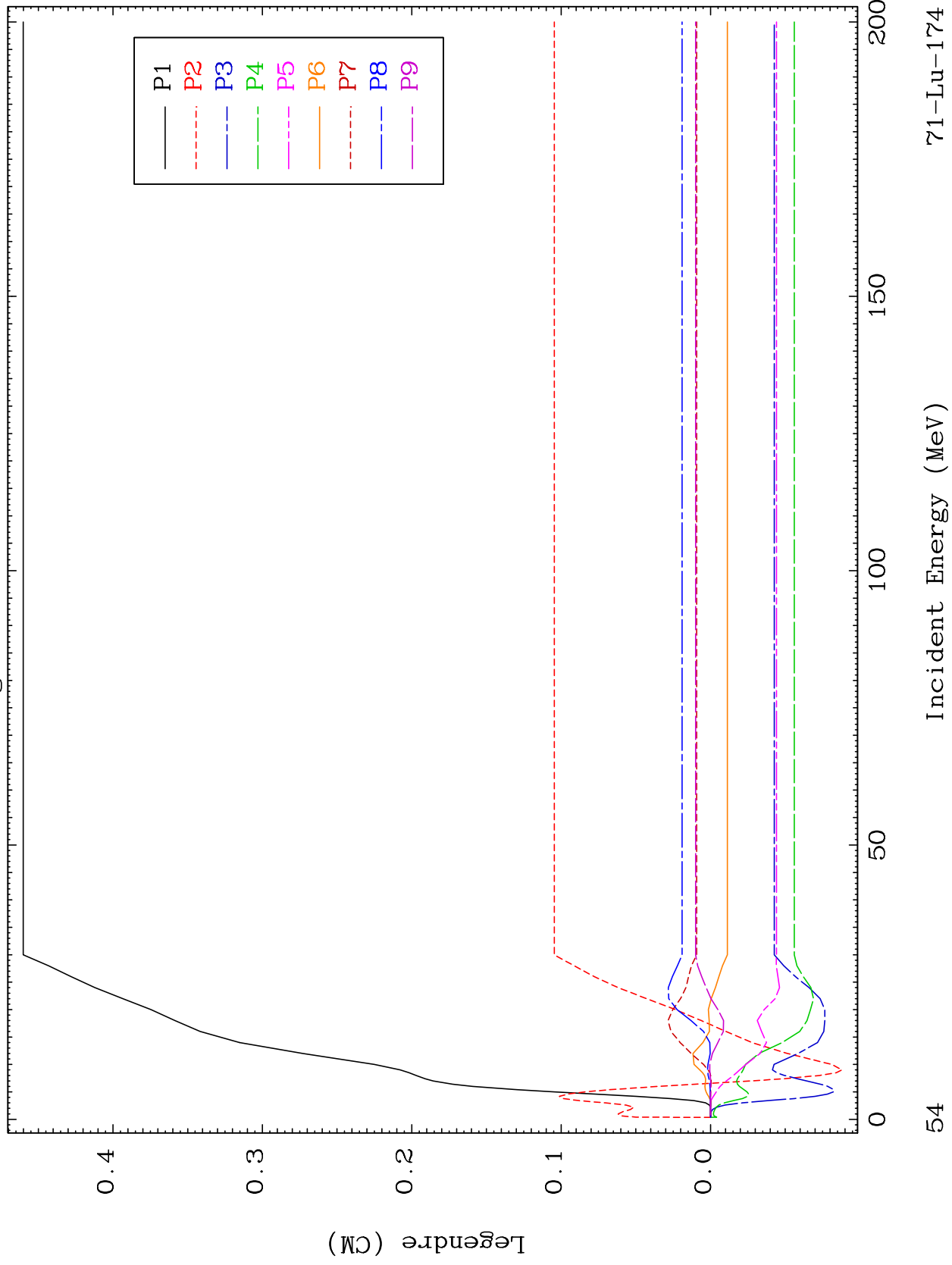




MAT 7122

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

71-Lu-174



71-Lu-174

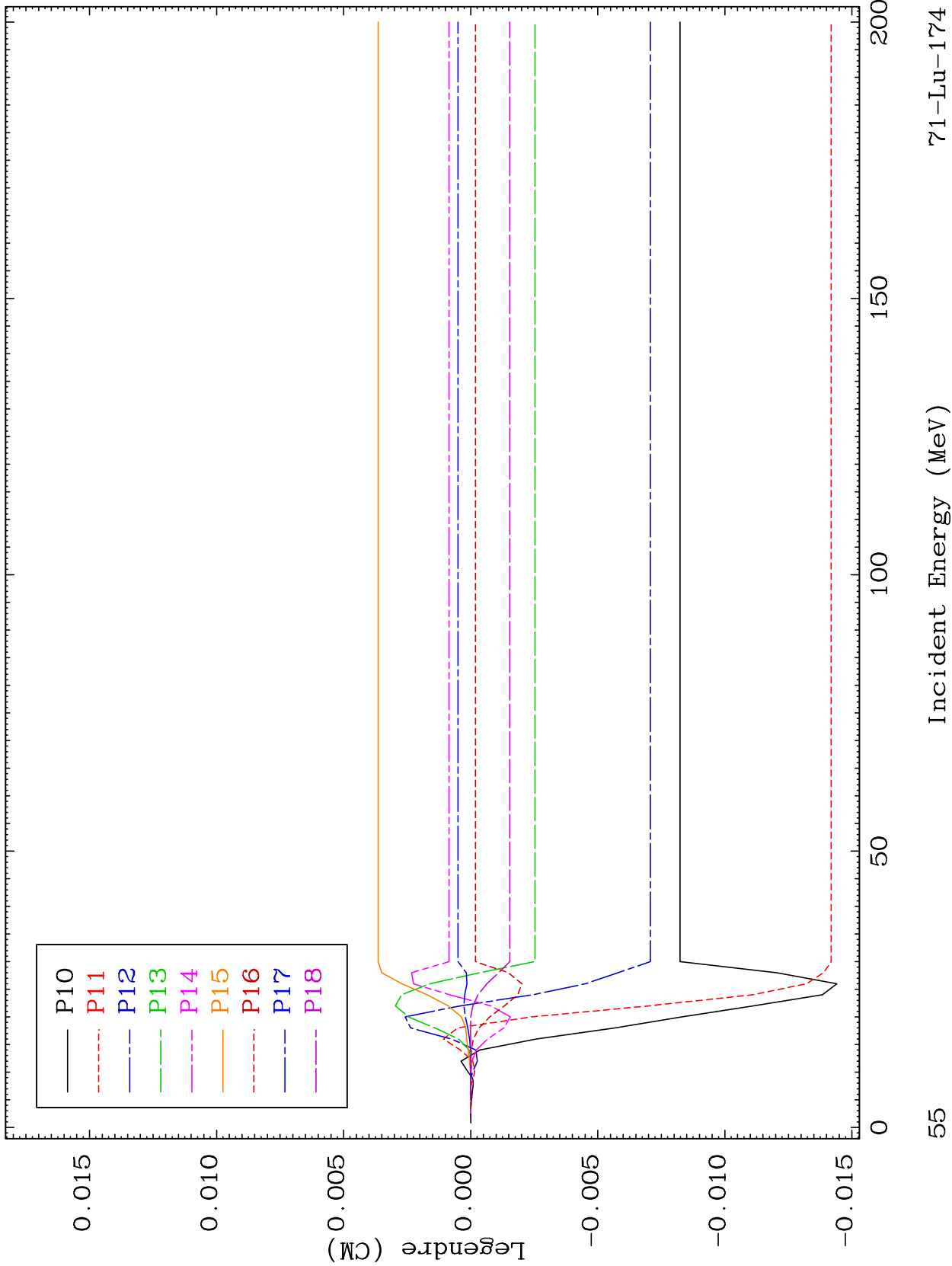
Incident Energy (MeV)

54

MAT 7122

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

71-Lu-174

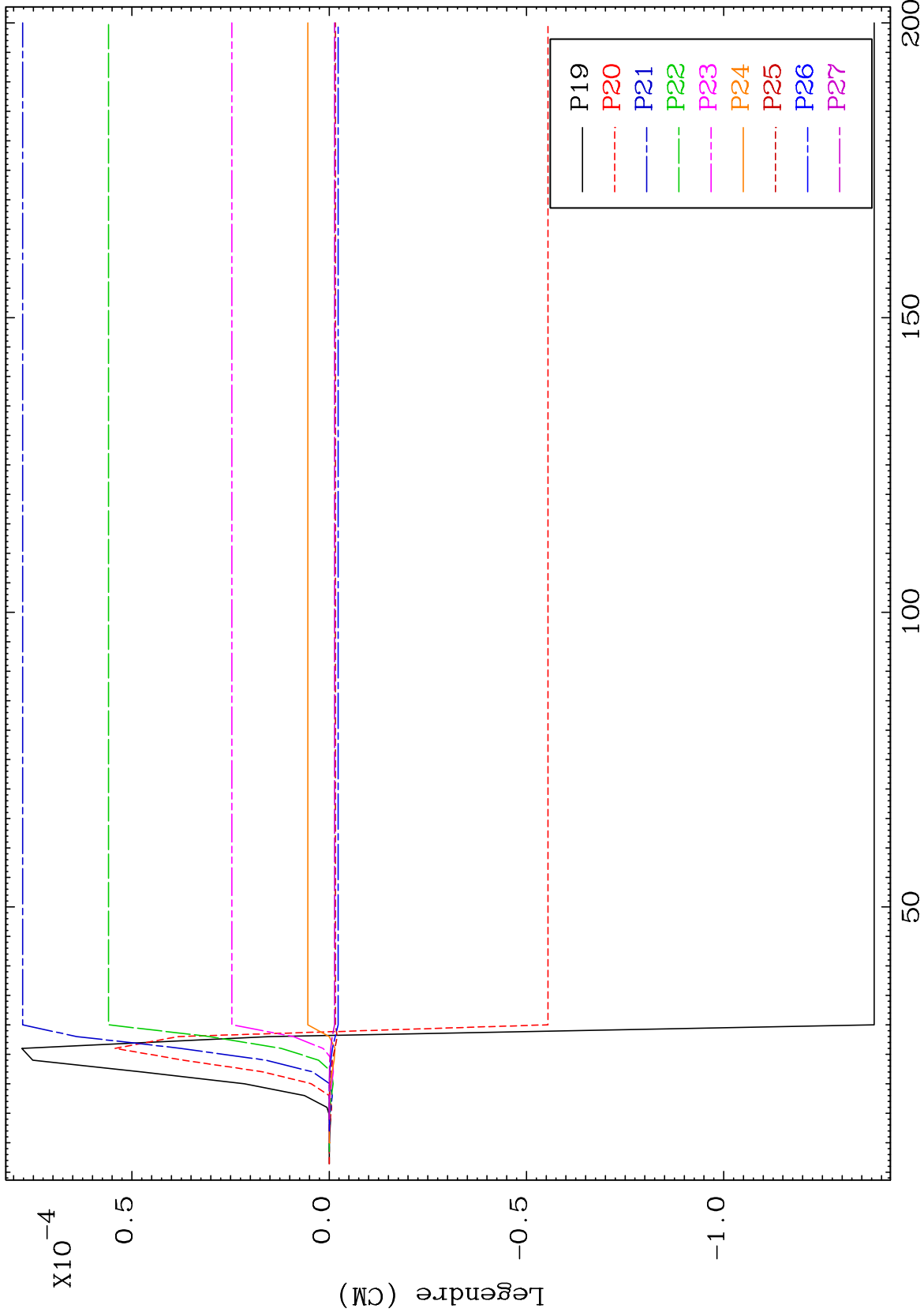


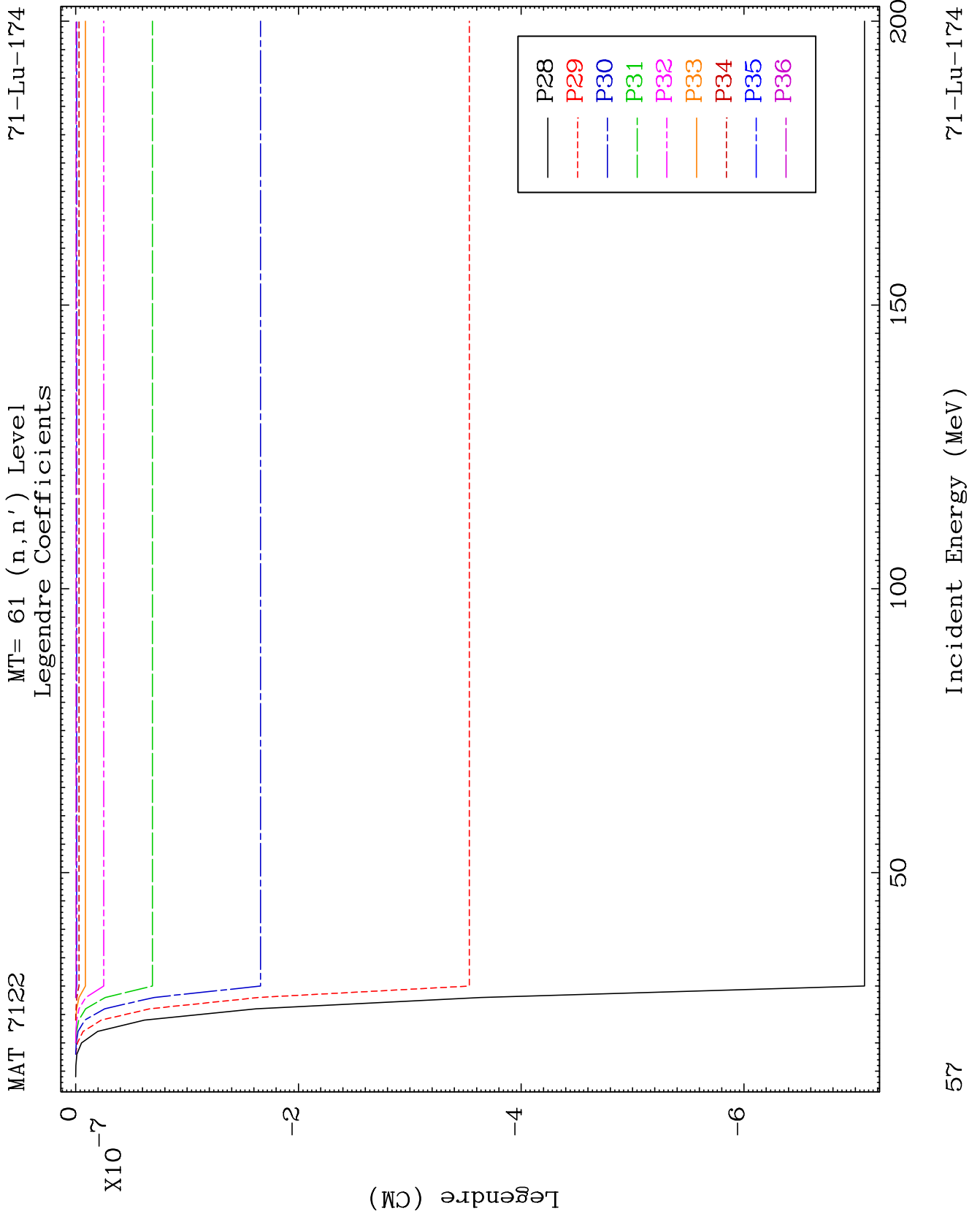
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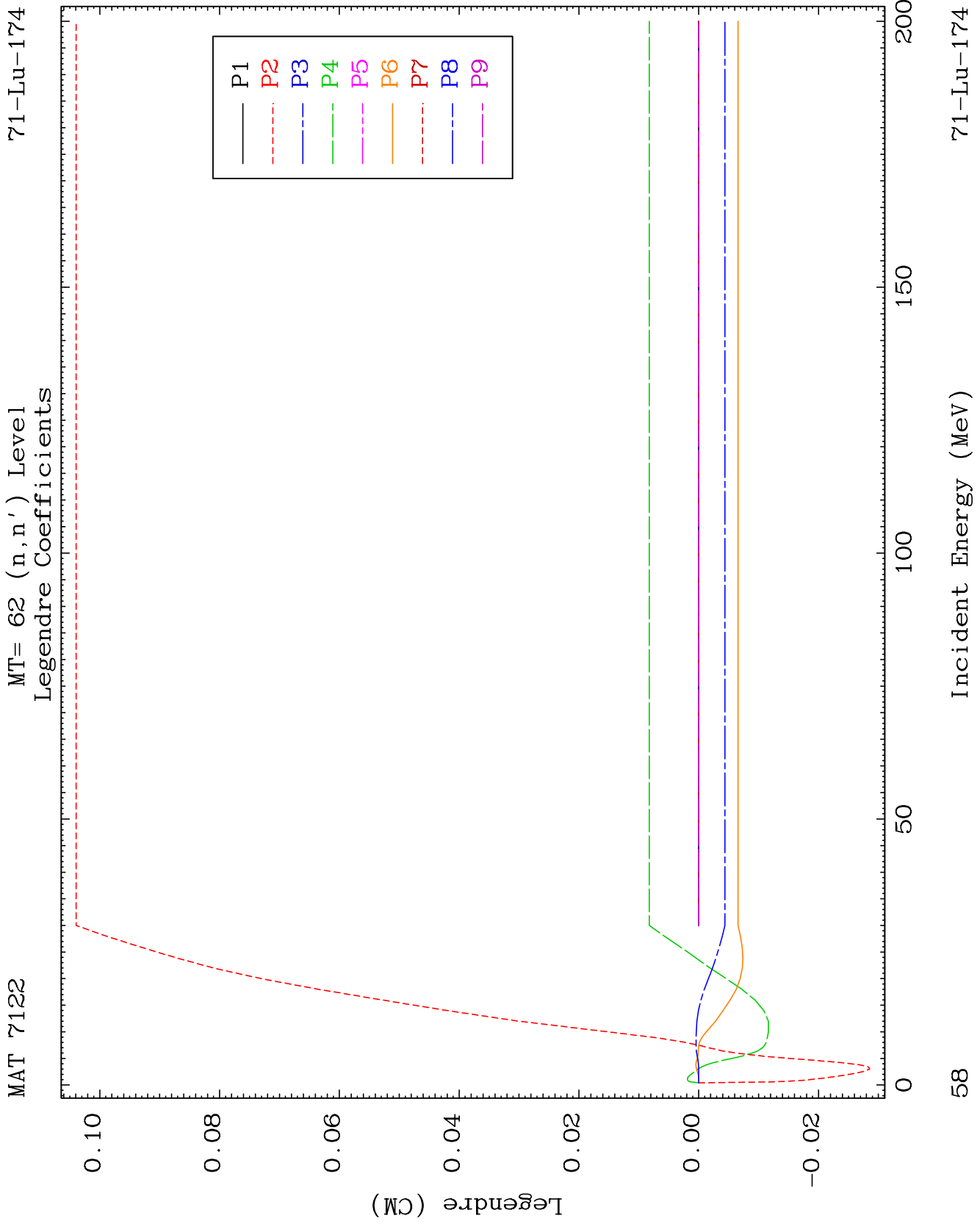
Incident Energy (MeV)

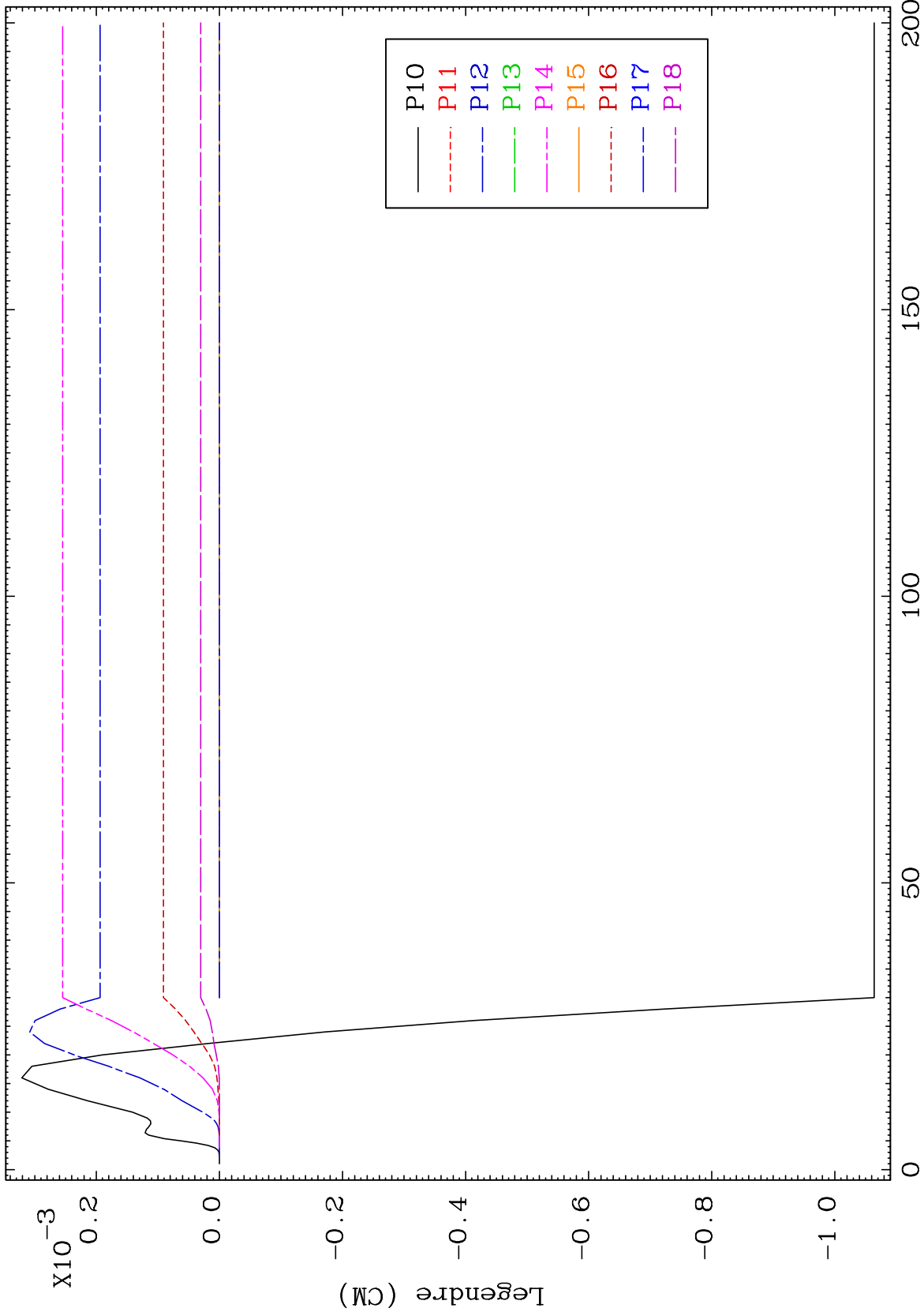
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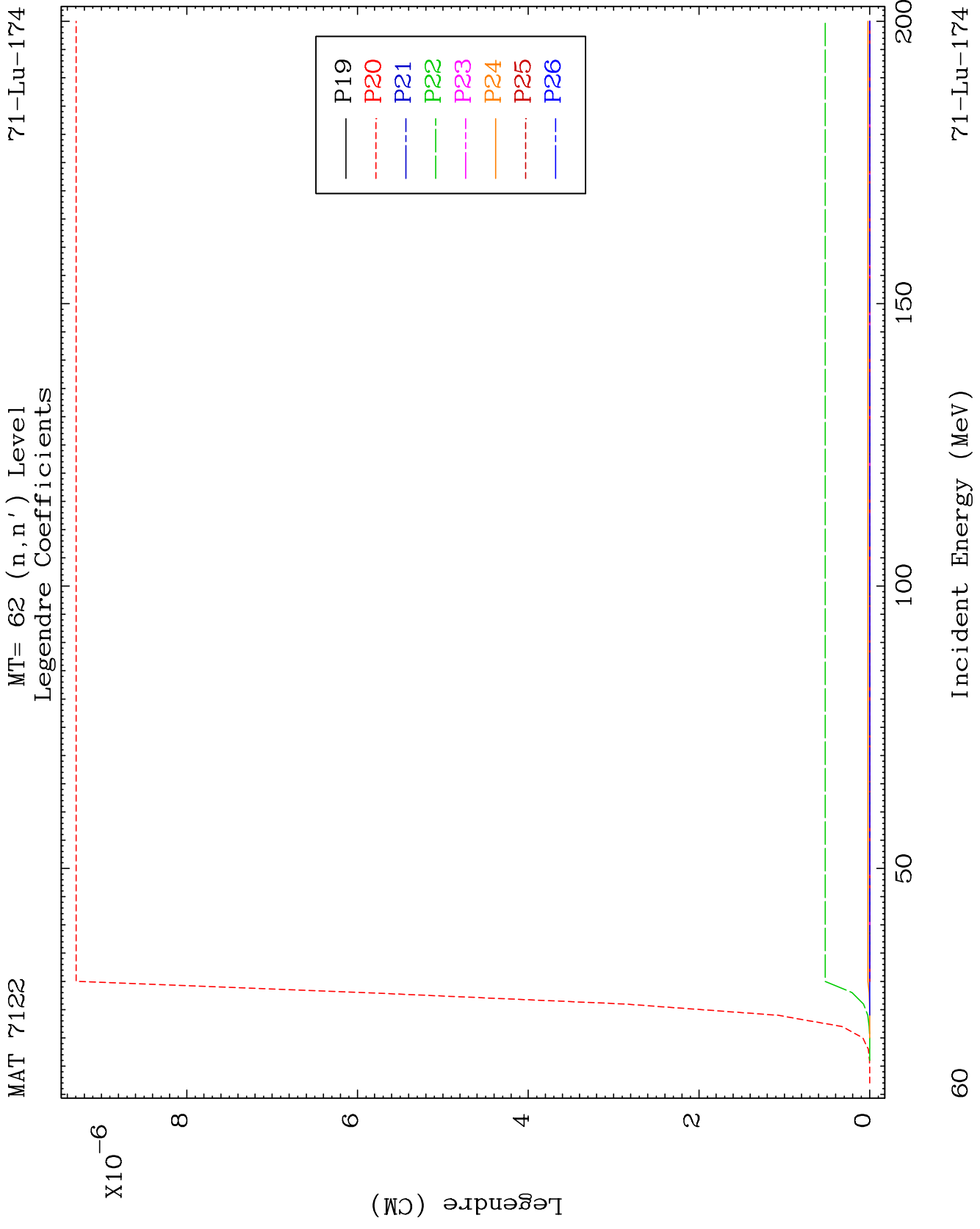








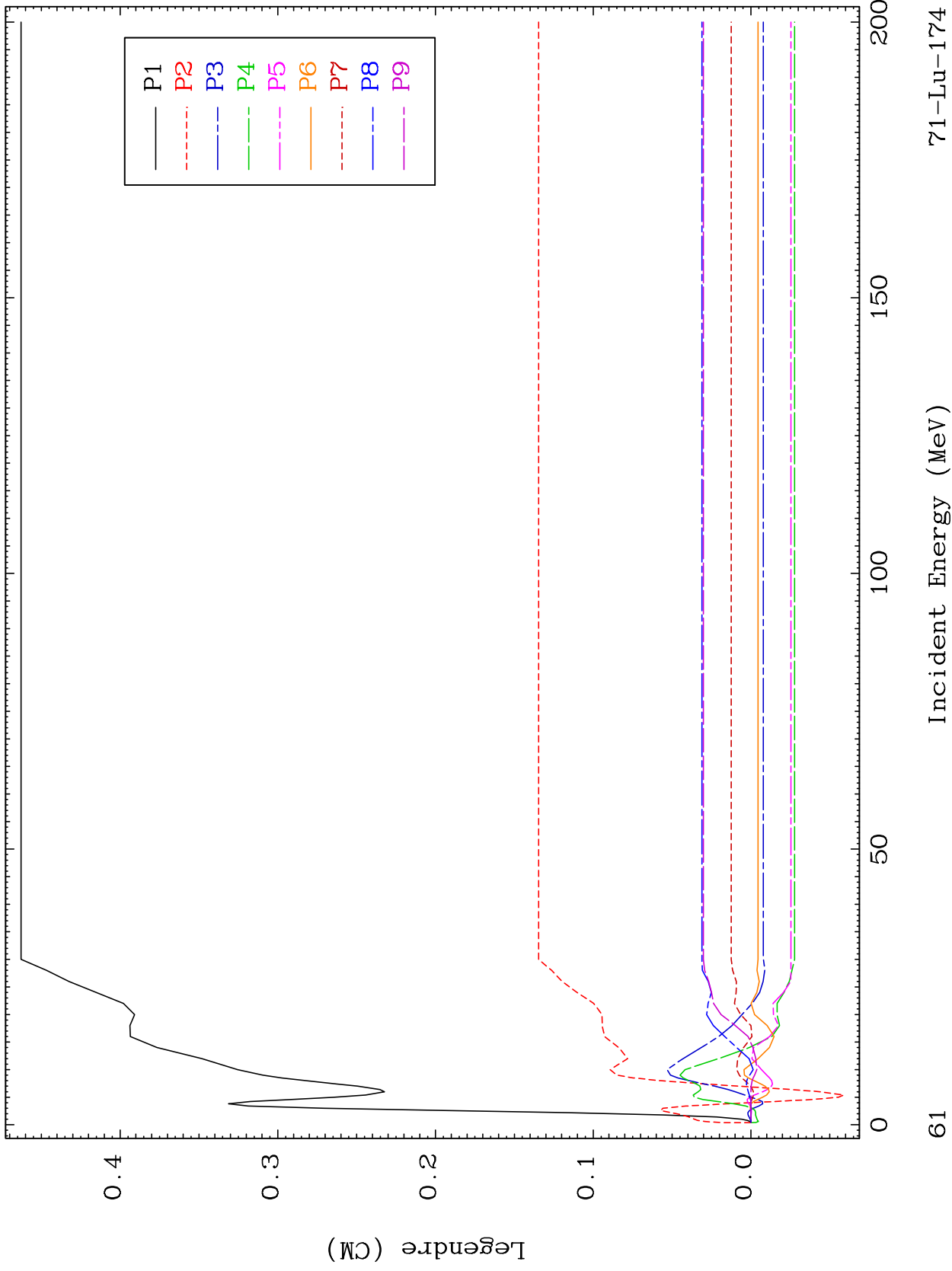




MAT 7122

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

71-Lu-174



61

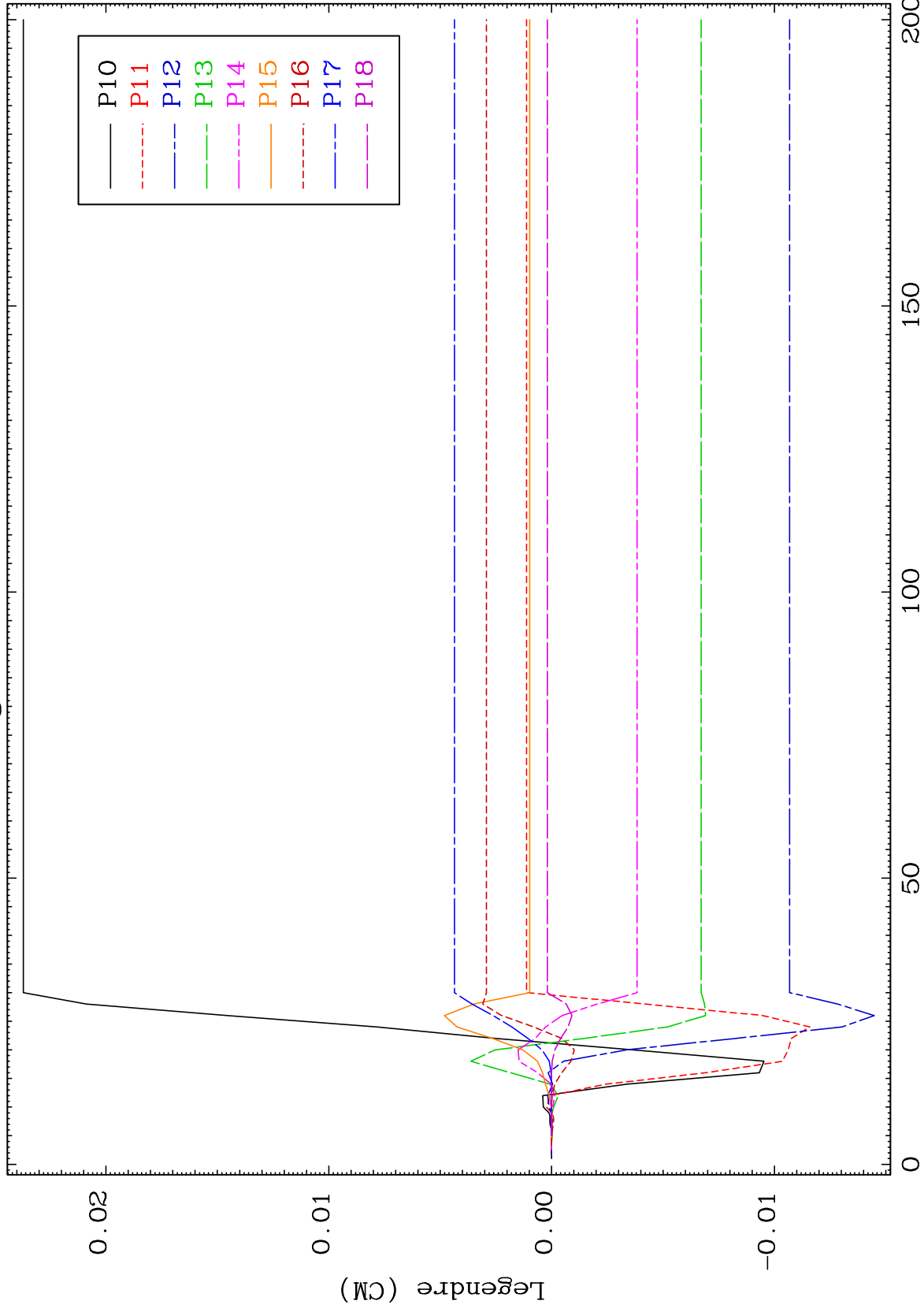
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



62

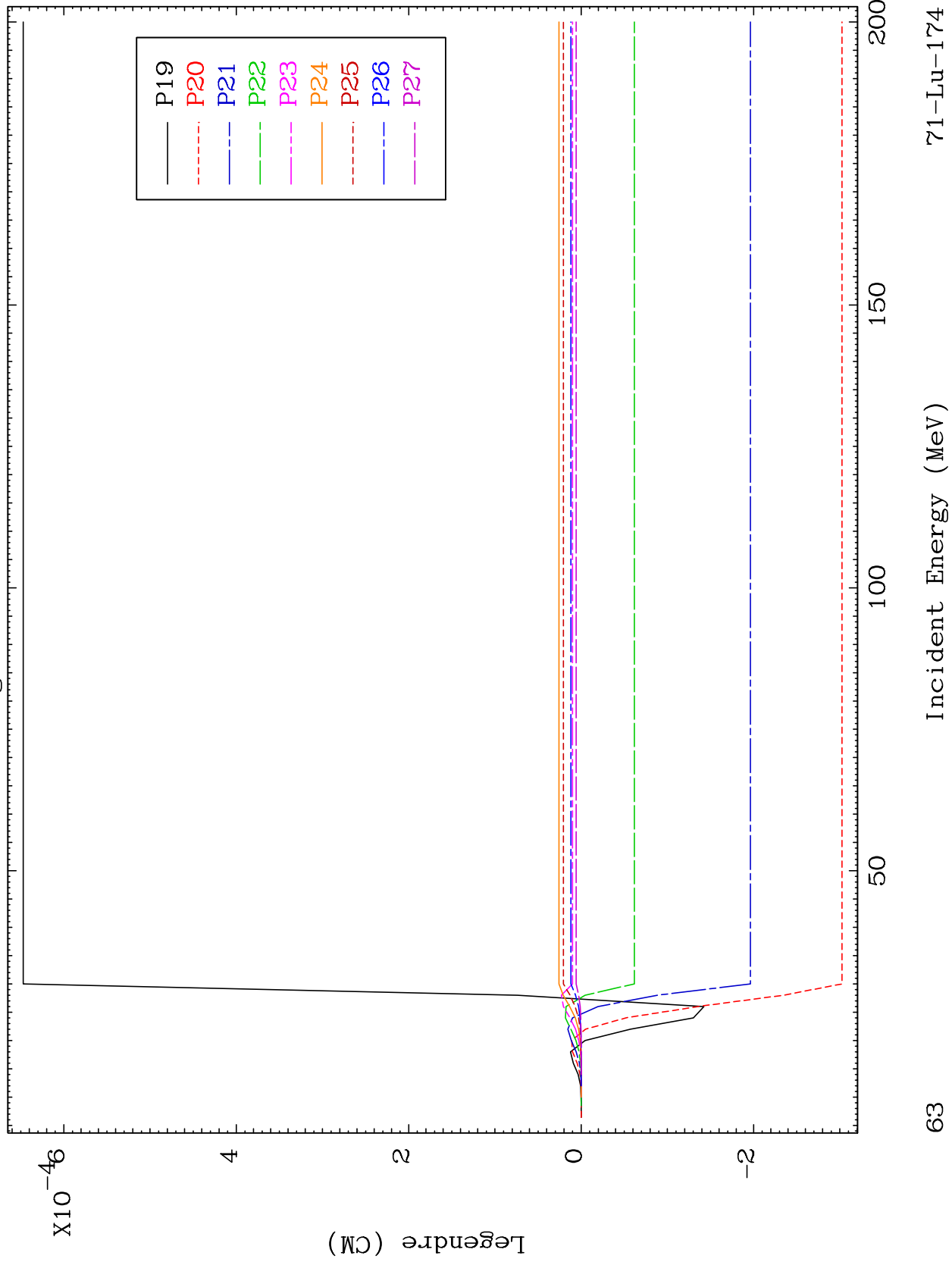
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



63

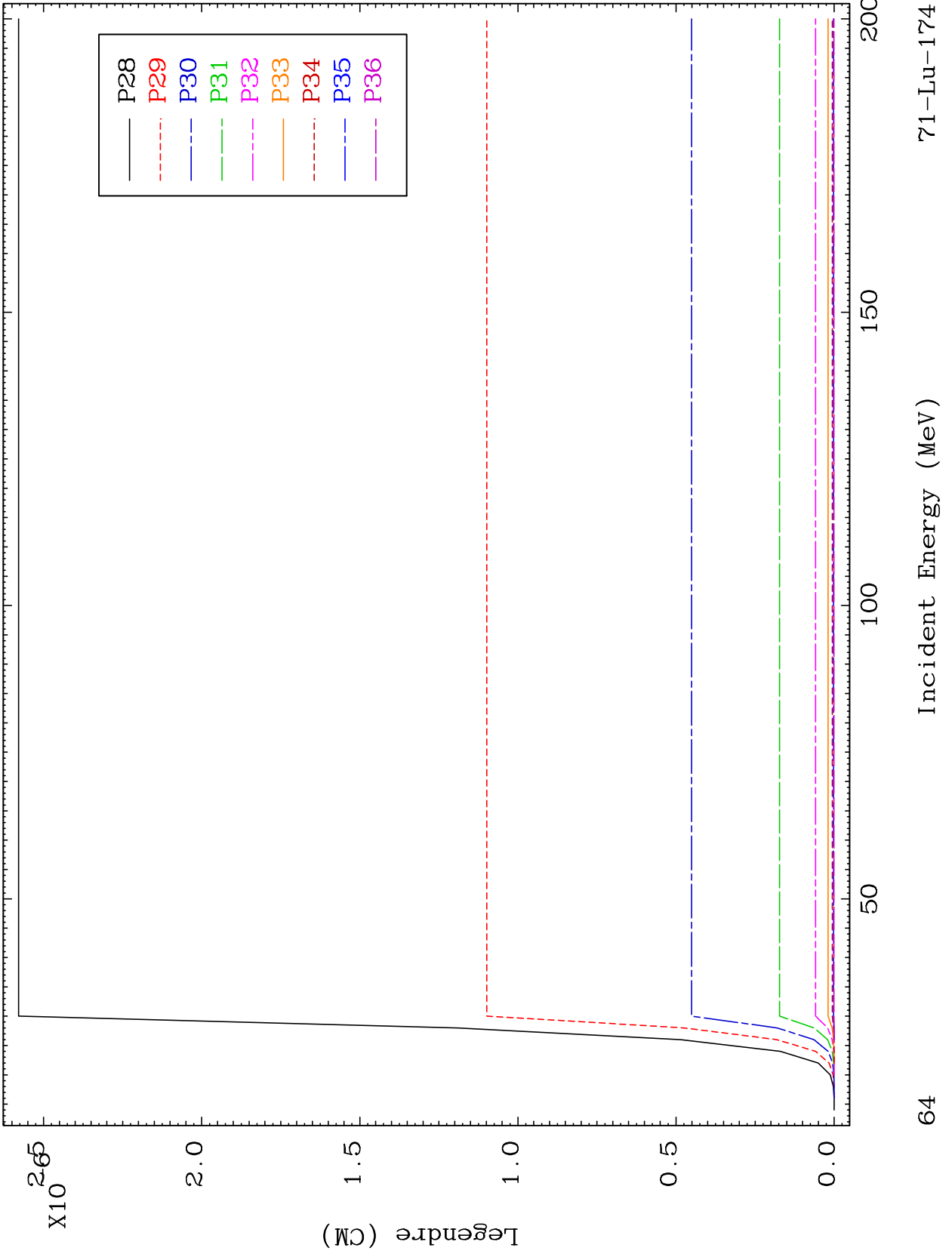
71-Lu-174



MAT 7122

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

71-Lu-174

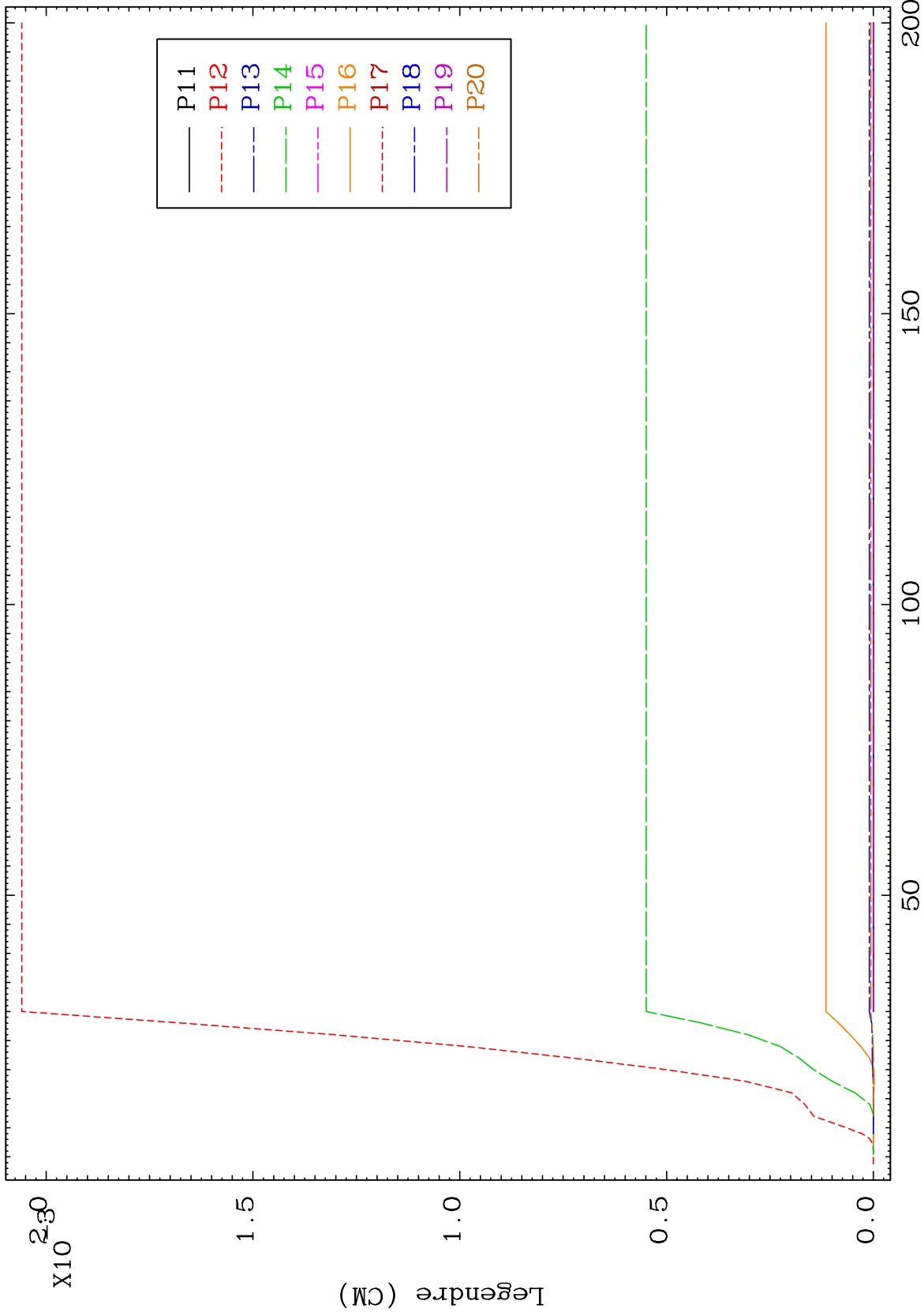


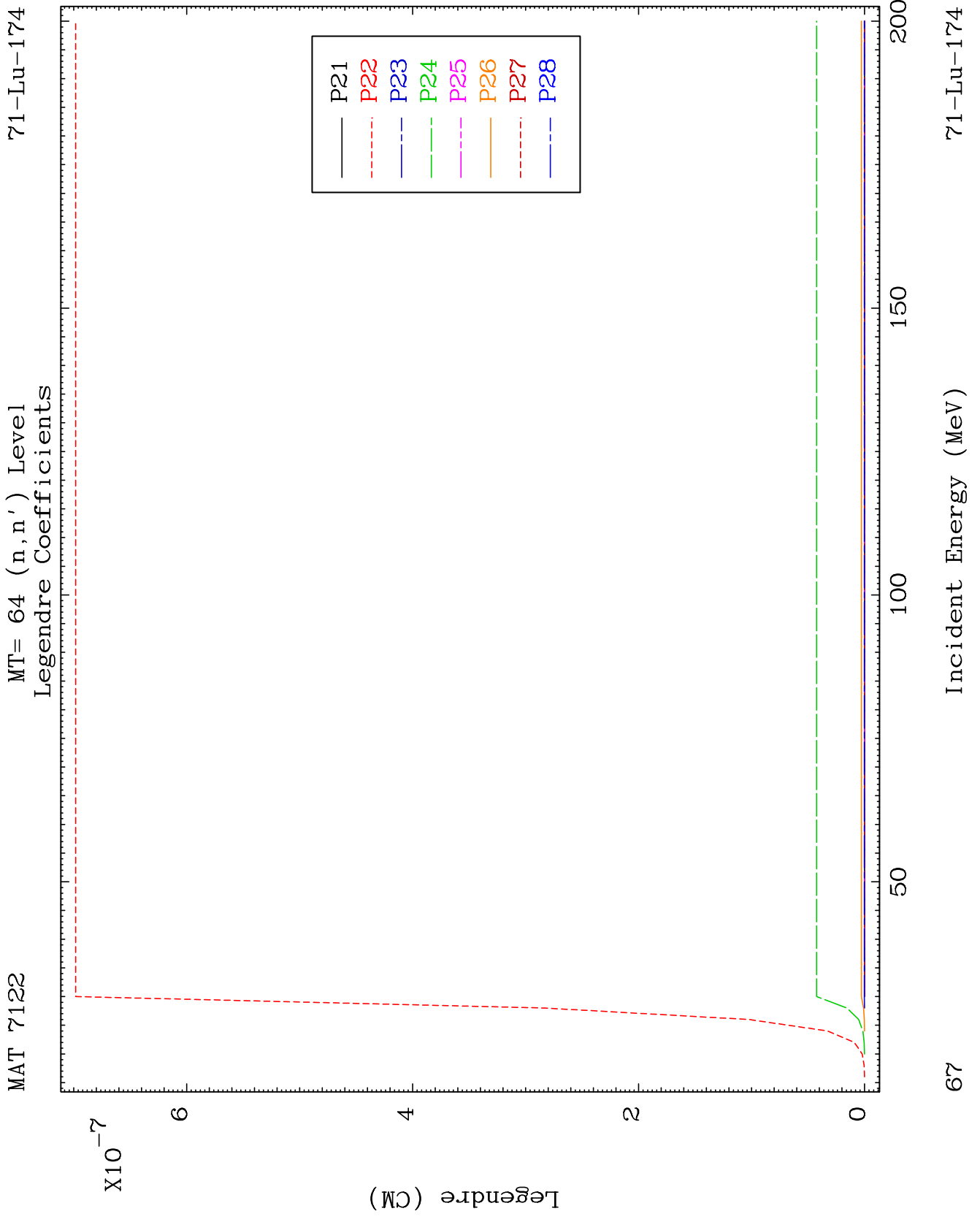
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Incident Energy (MeV)

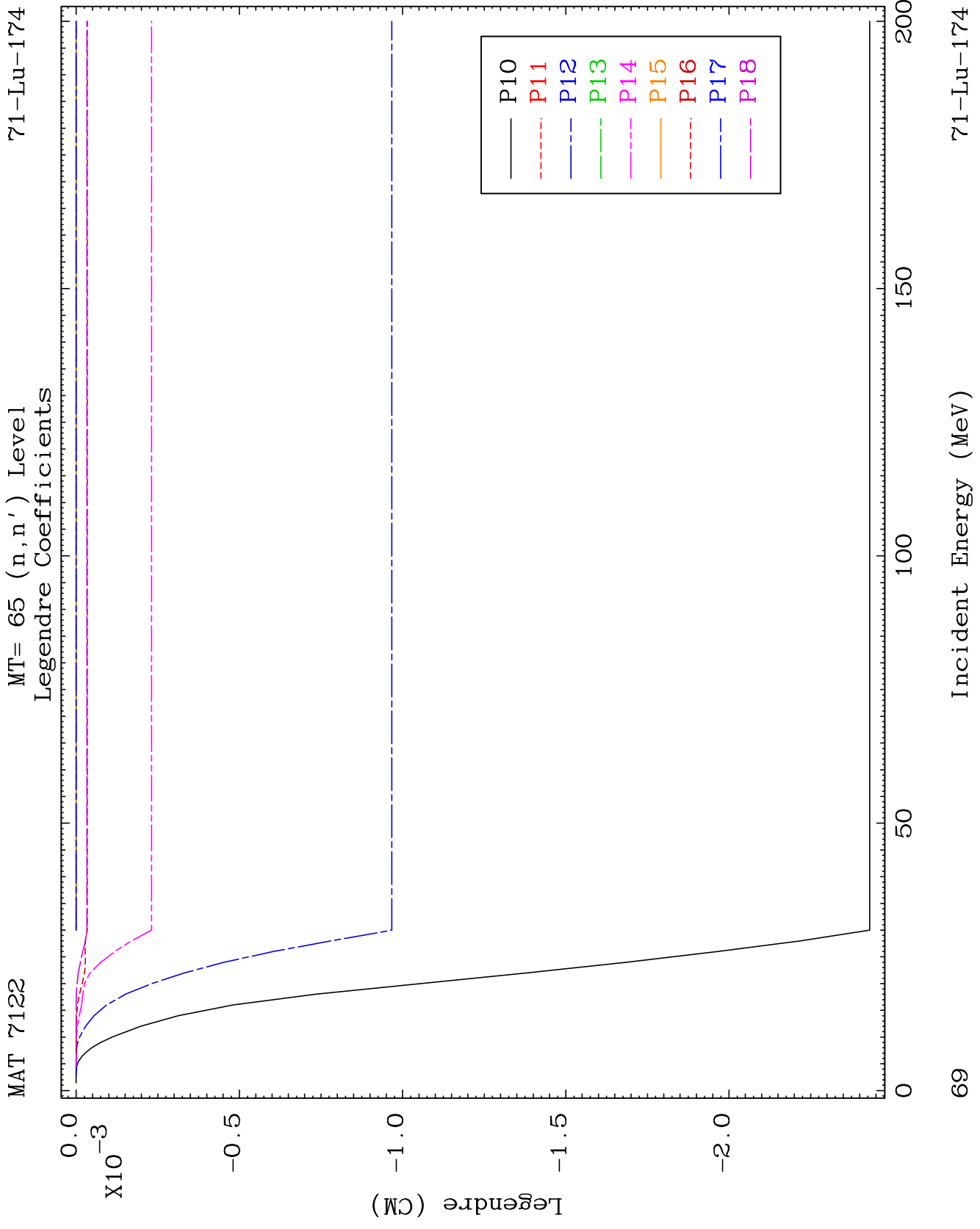
71-Lu-174













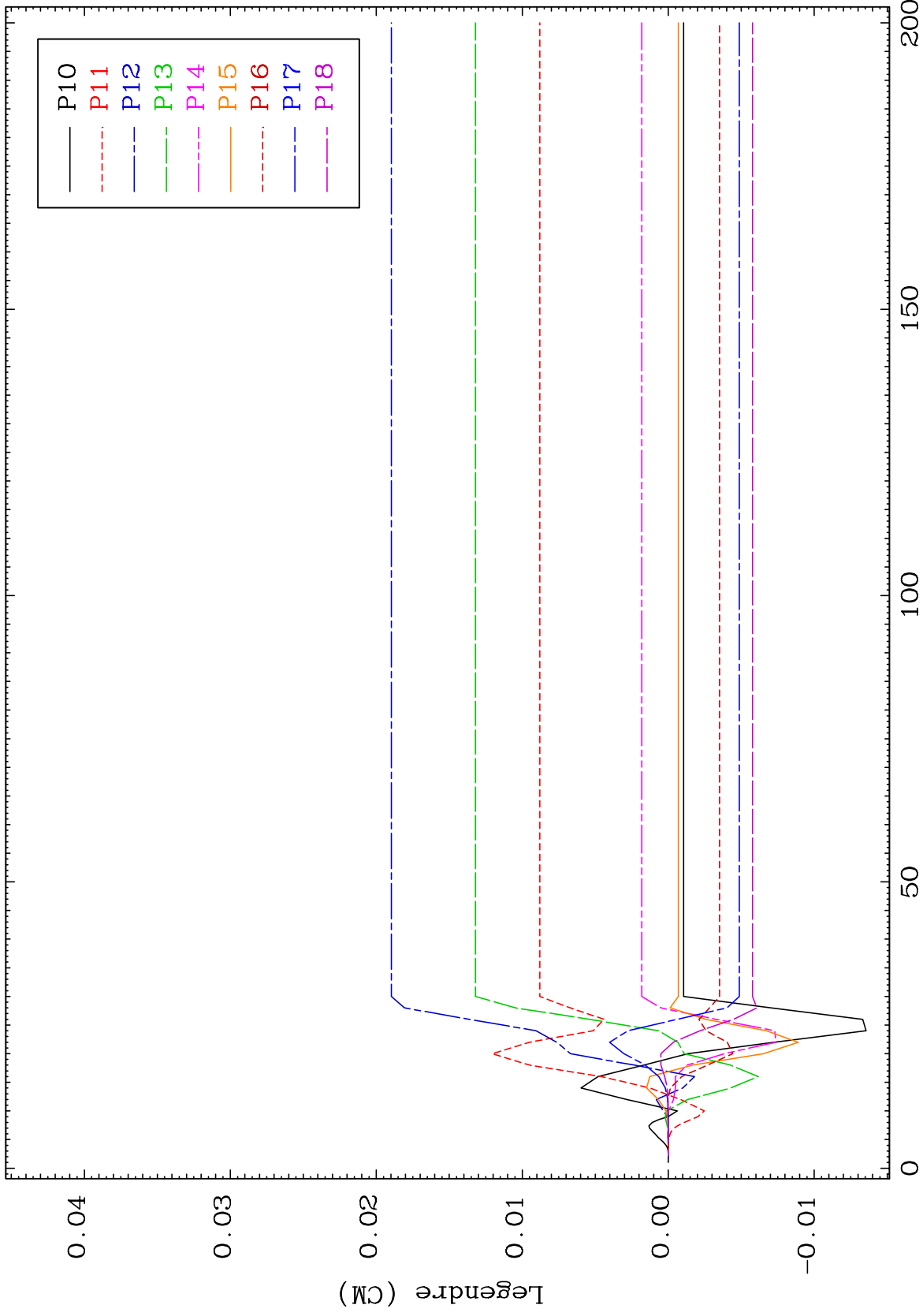




MAT 7122

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

71-Lu-174



72

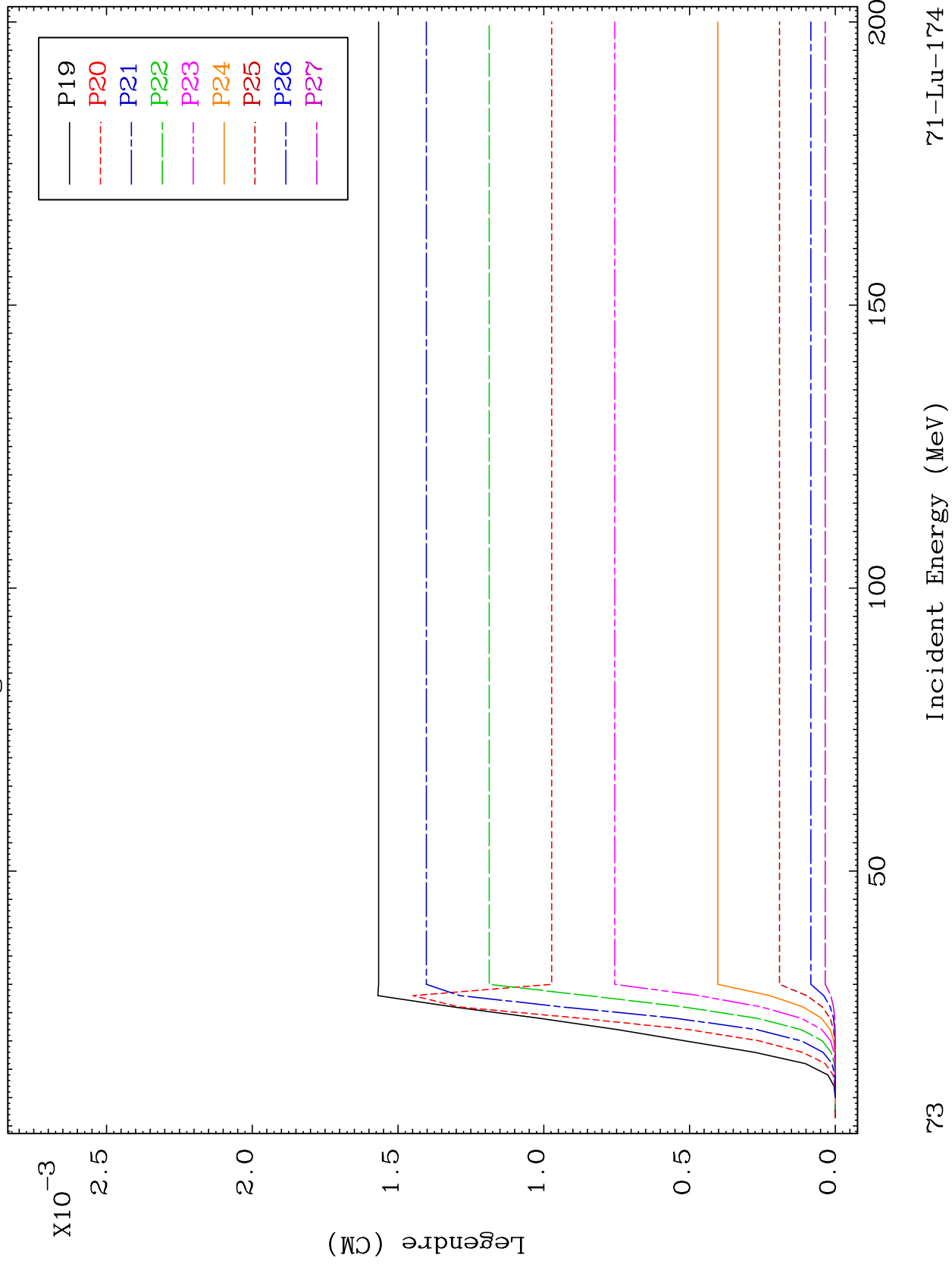
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

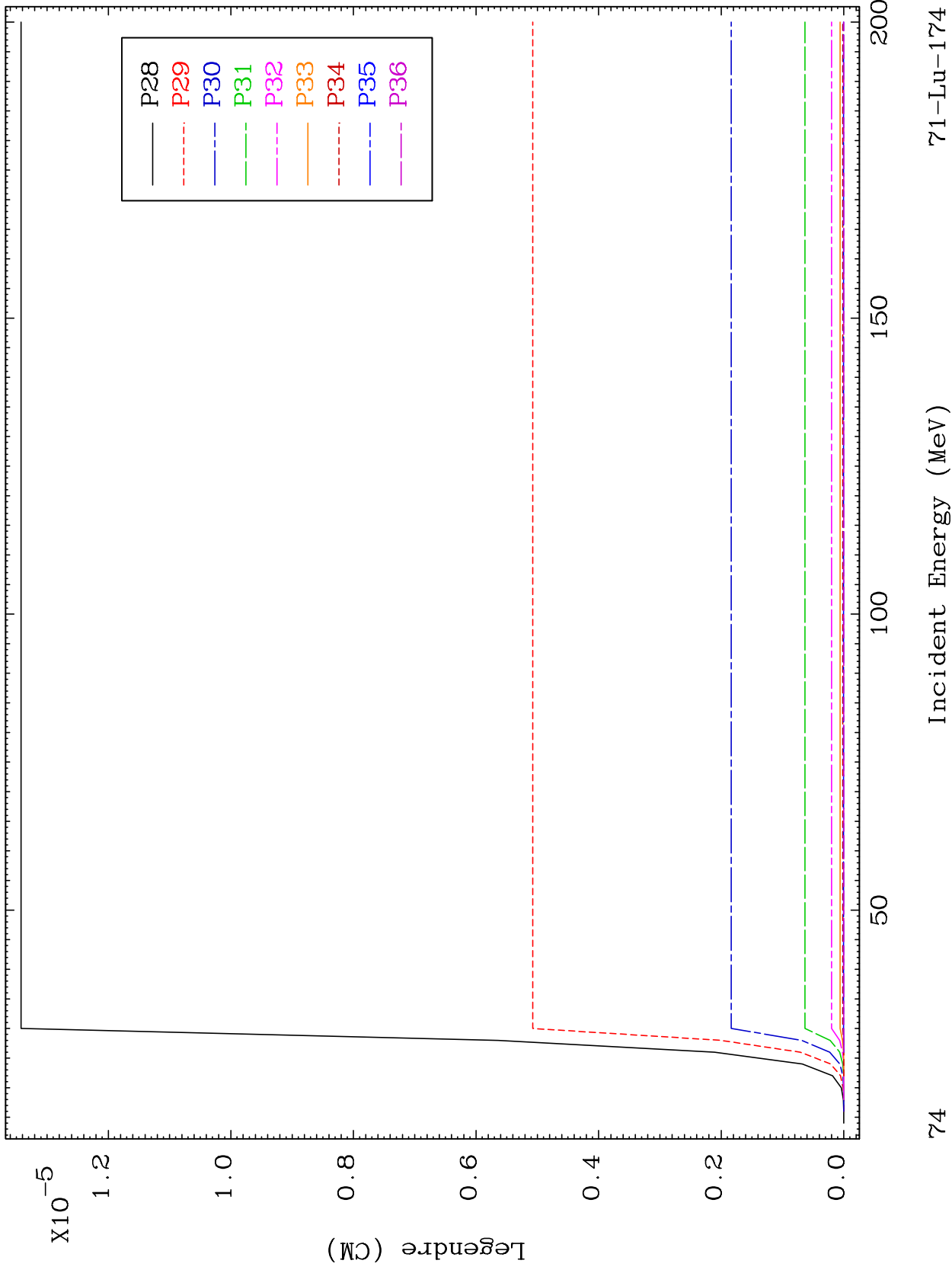
71-Lu-174



MAT 7122

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

71-Lu-174



74

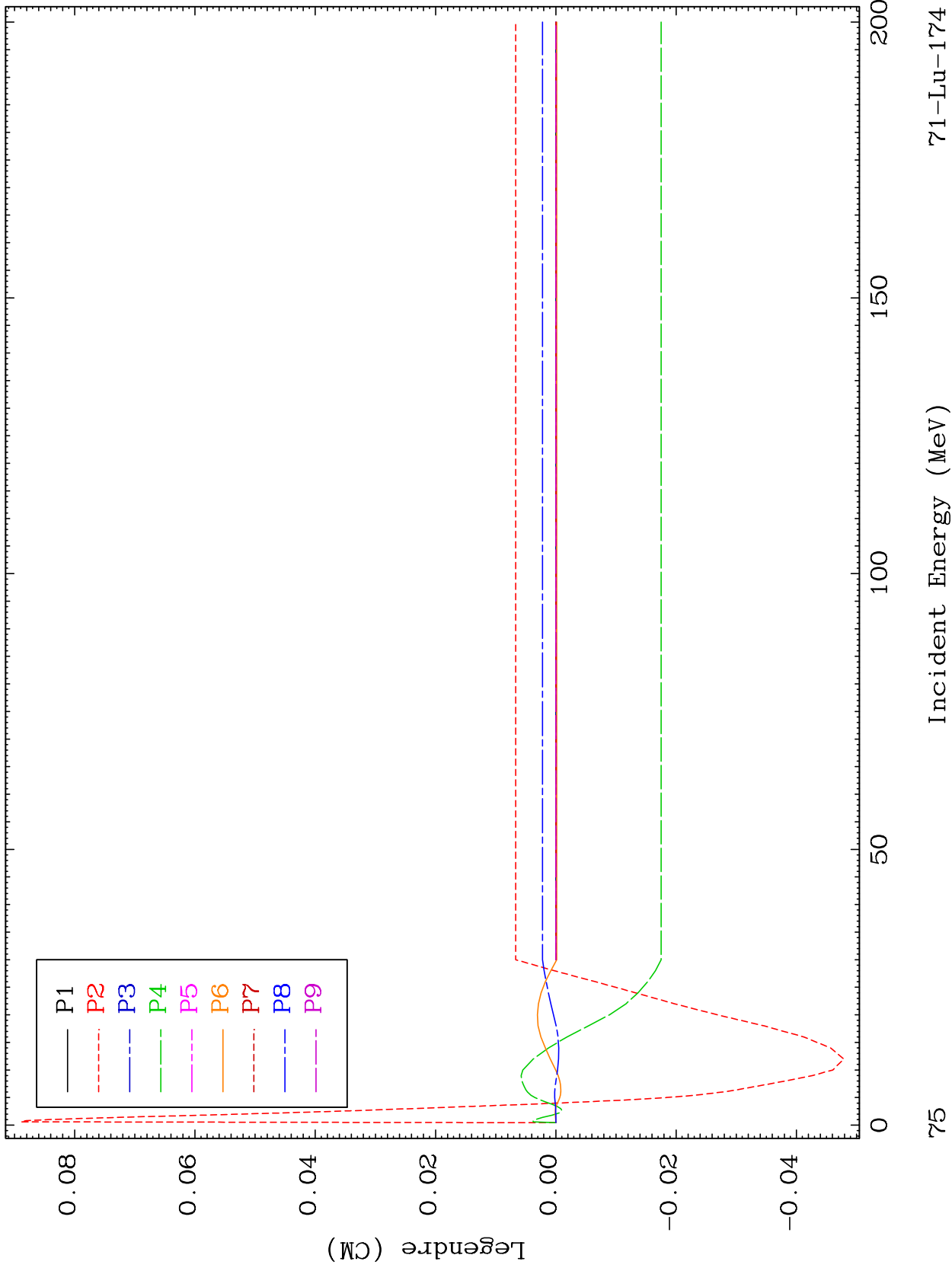
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



71-Lu-174

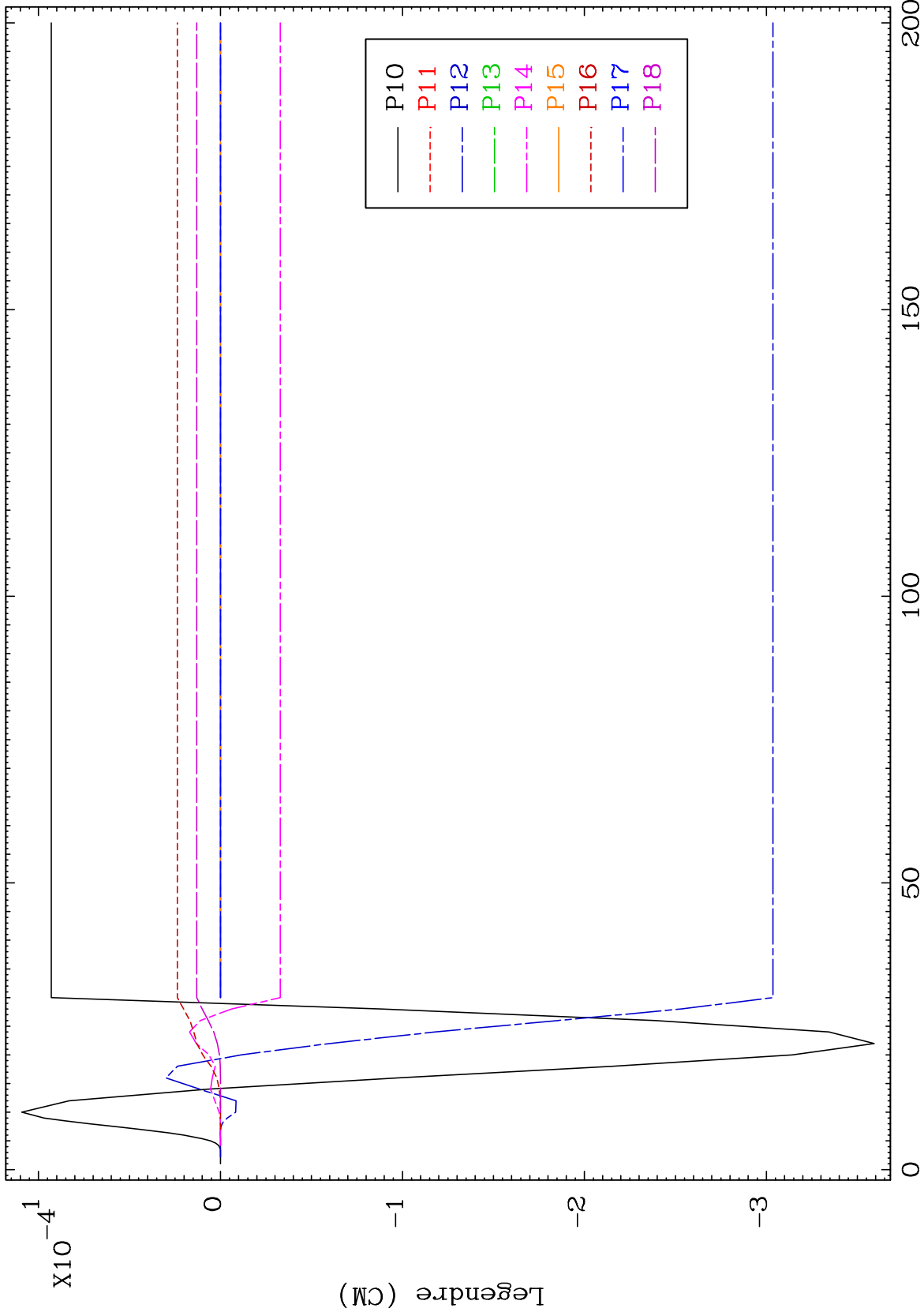
Incident Energy (MeV)

75

MAT 7122

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

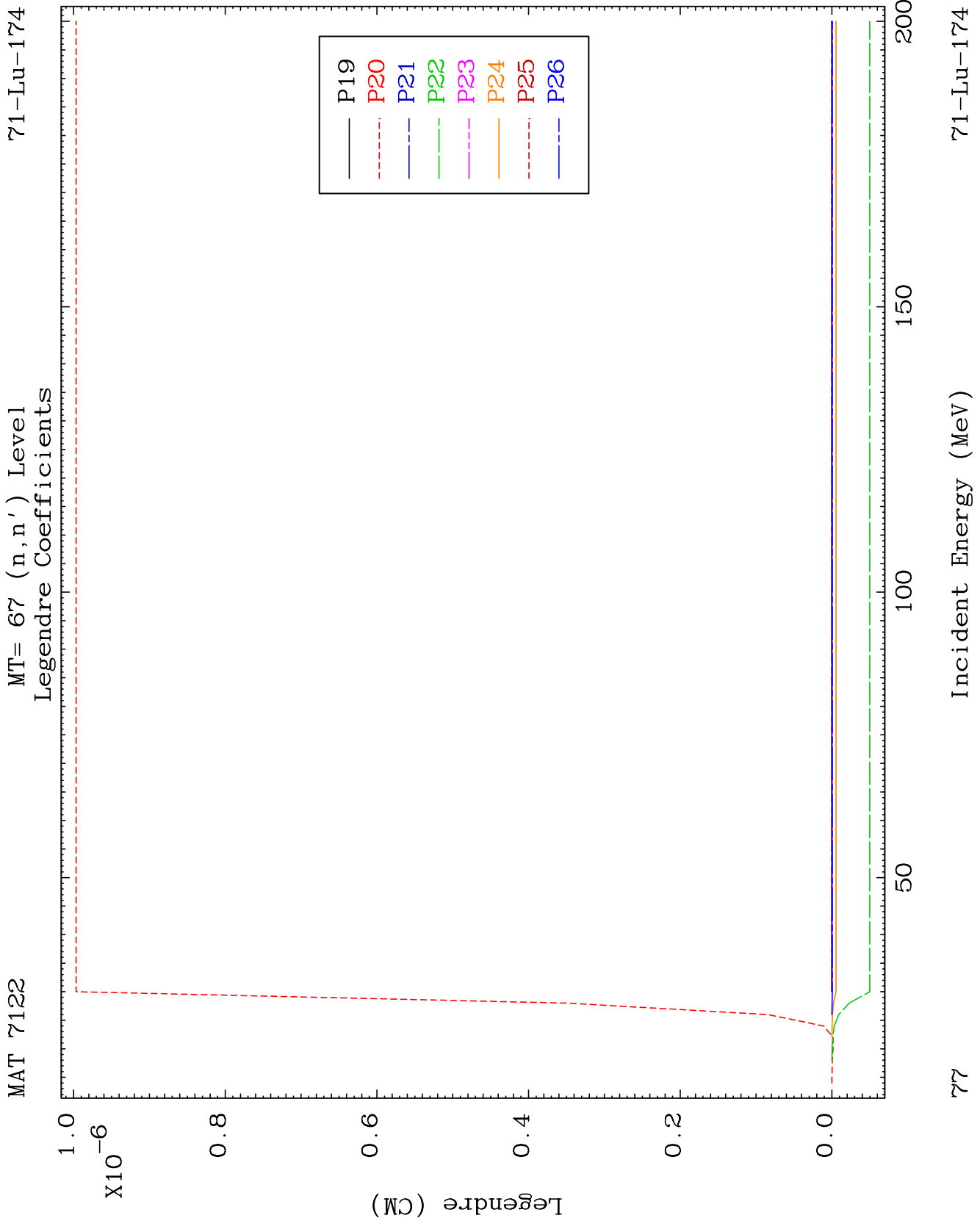
71-Lu-174



76

Incident Energy (MeV)

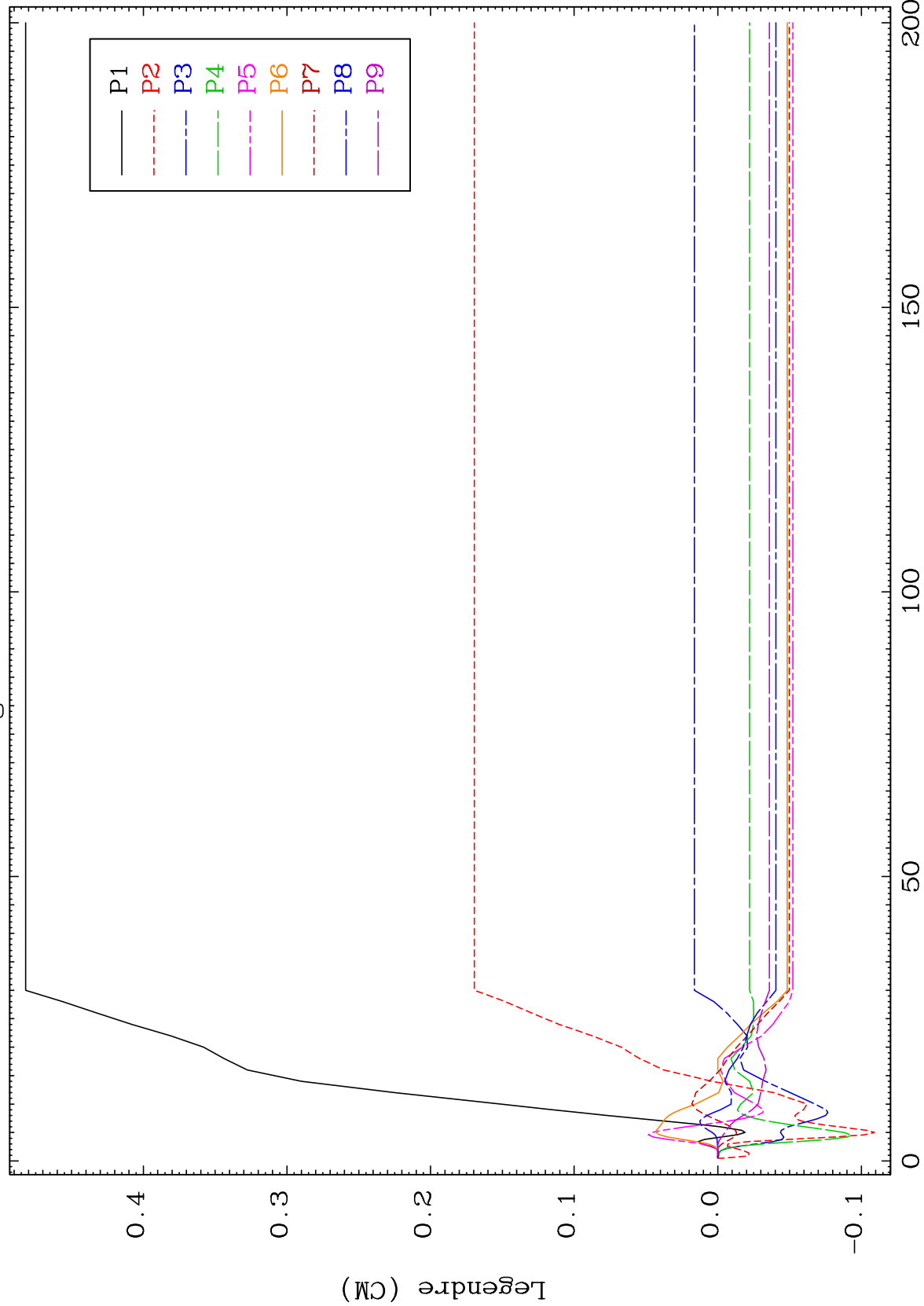
71-Lu-174



MAT 7122

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

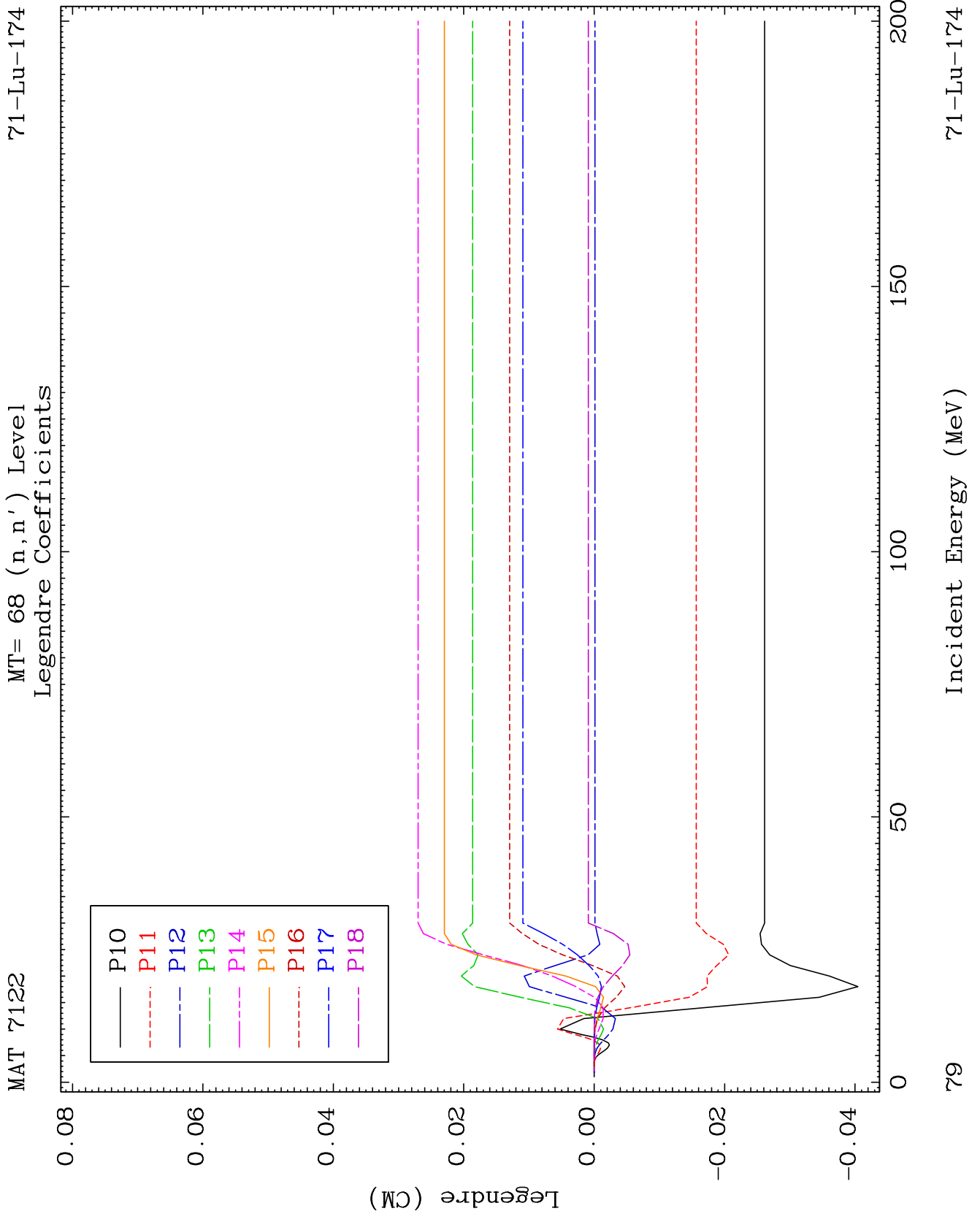
71-Lu-174



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Incident Energy (MeV)

71-Lu-174

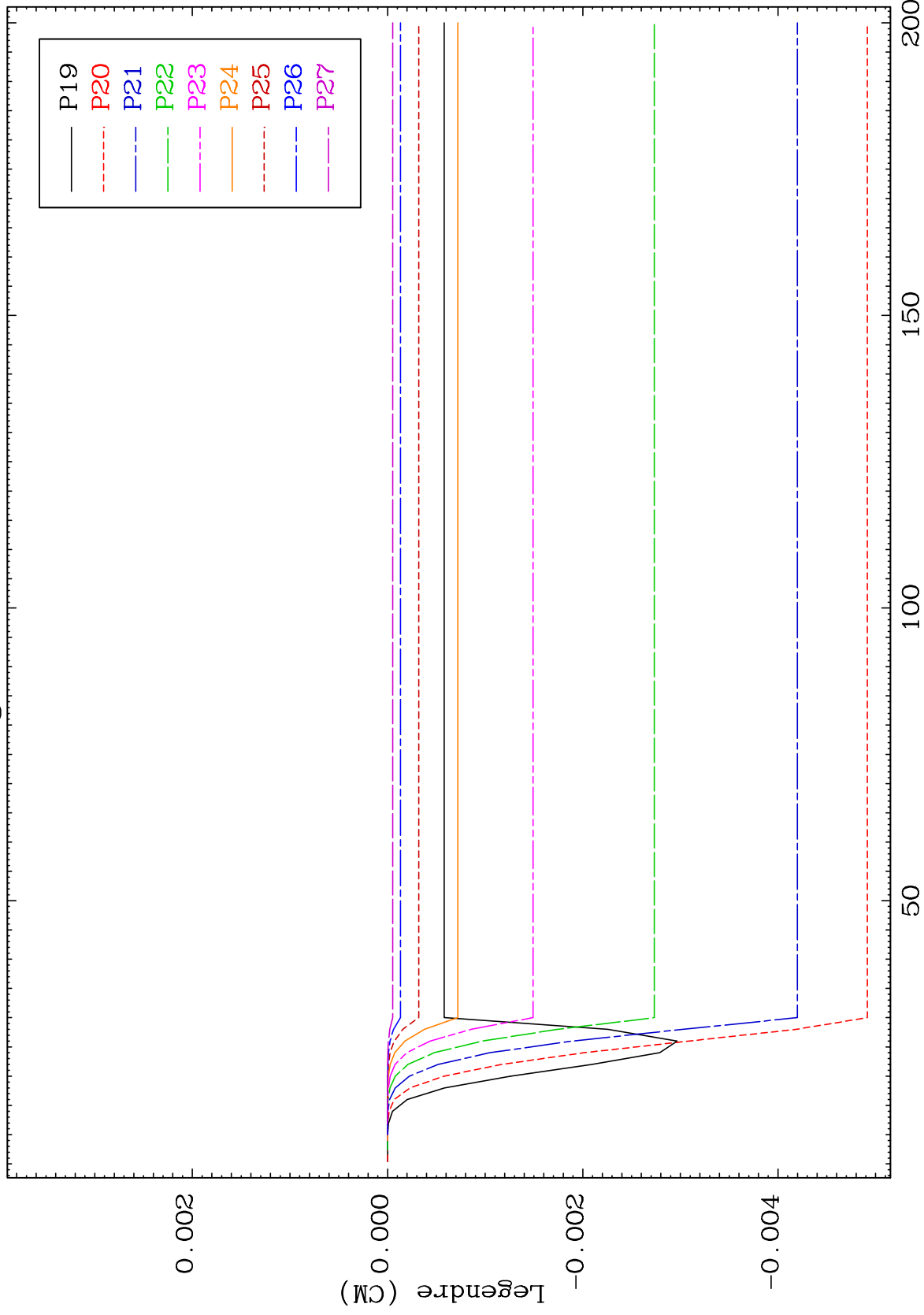




MAT 7122

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

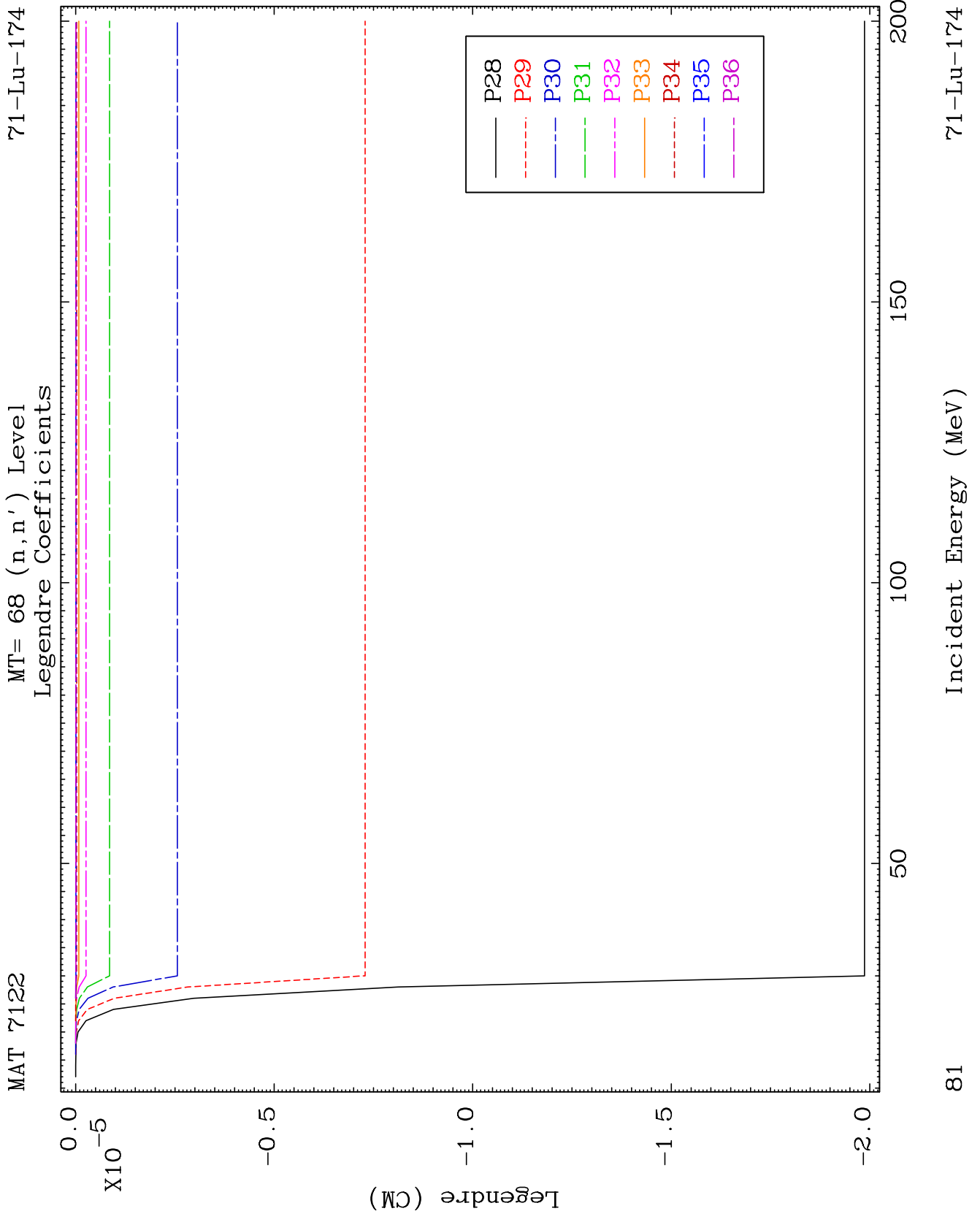
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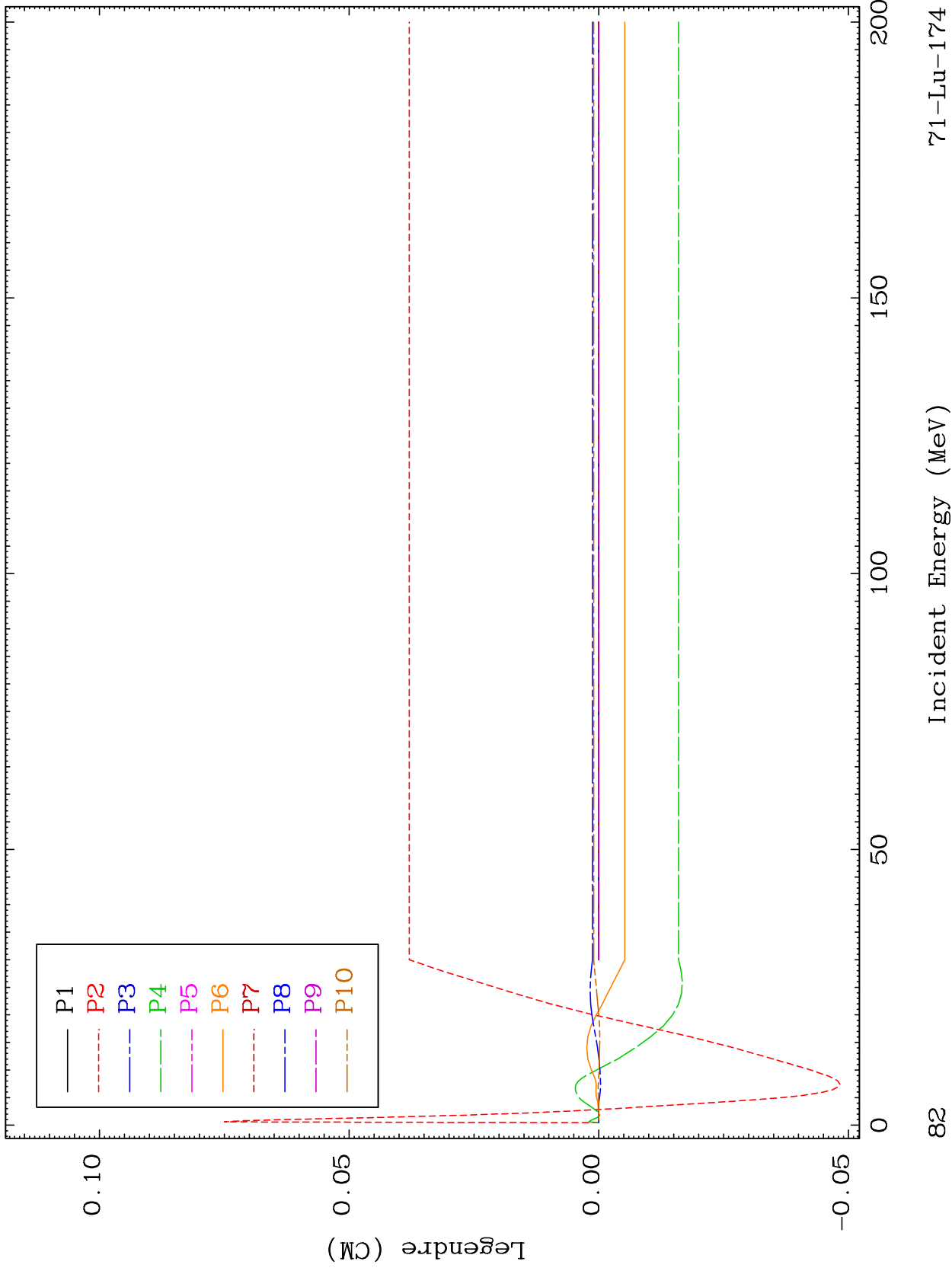


80

Incident Energy (MeV)

71-Lu-174

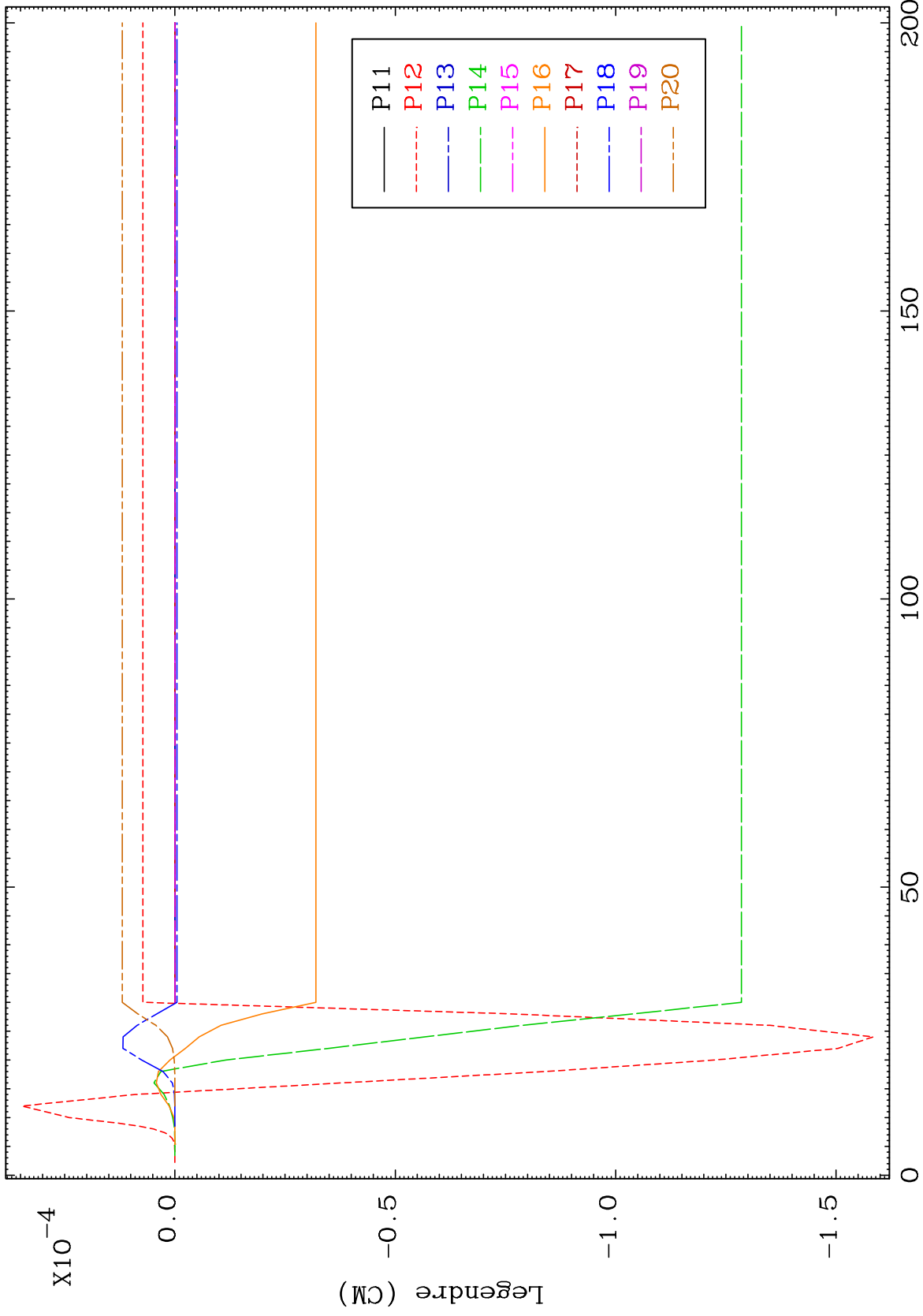




MAT 7122

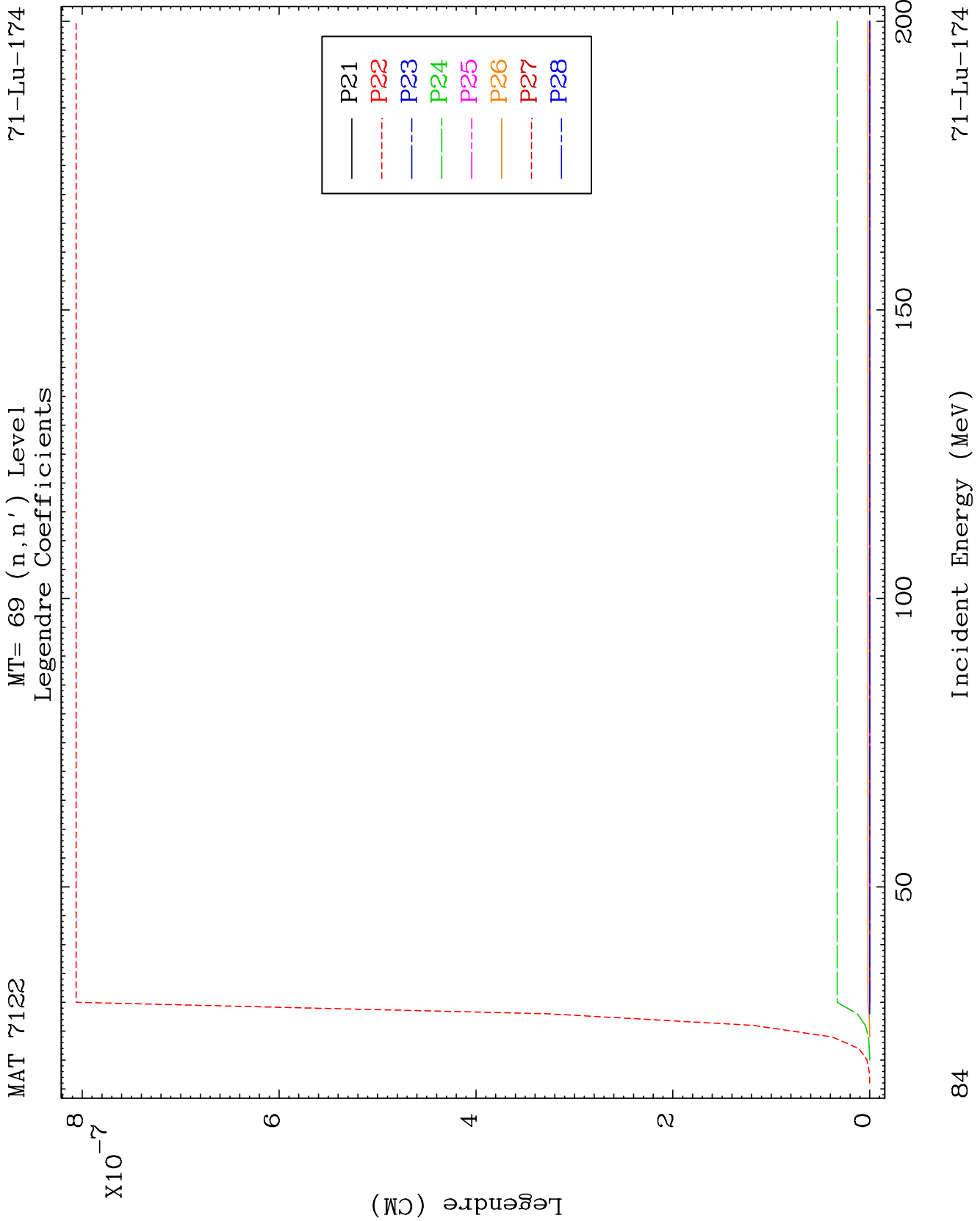
MT= 69 (n,n') Level  
Legendre Coefficients

71-Lu-174

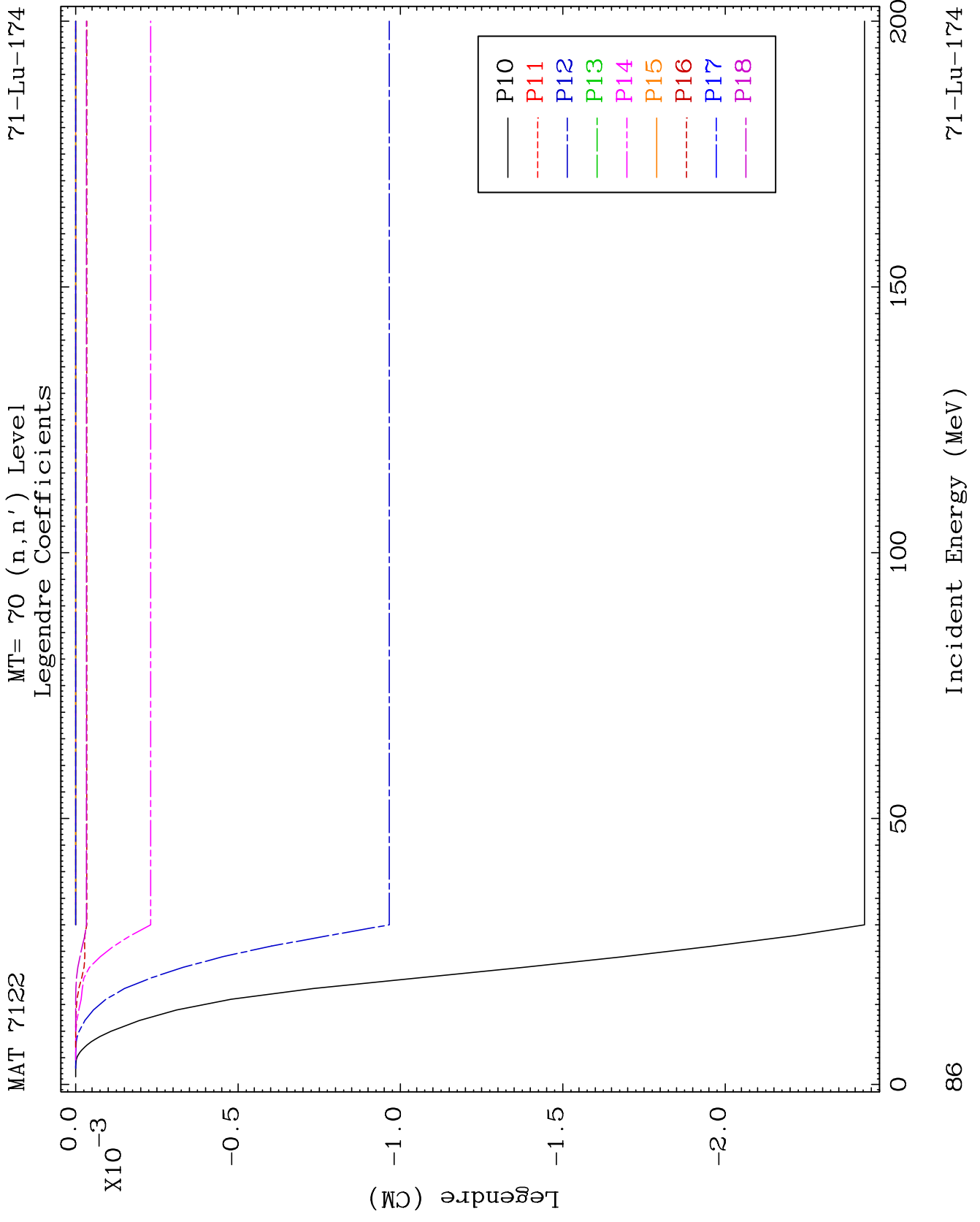


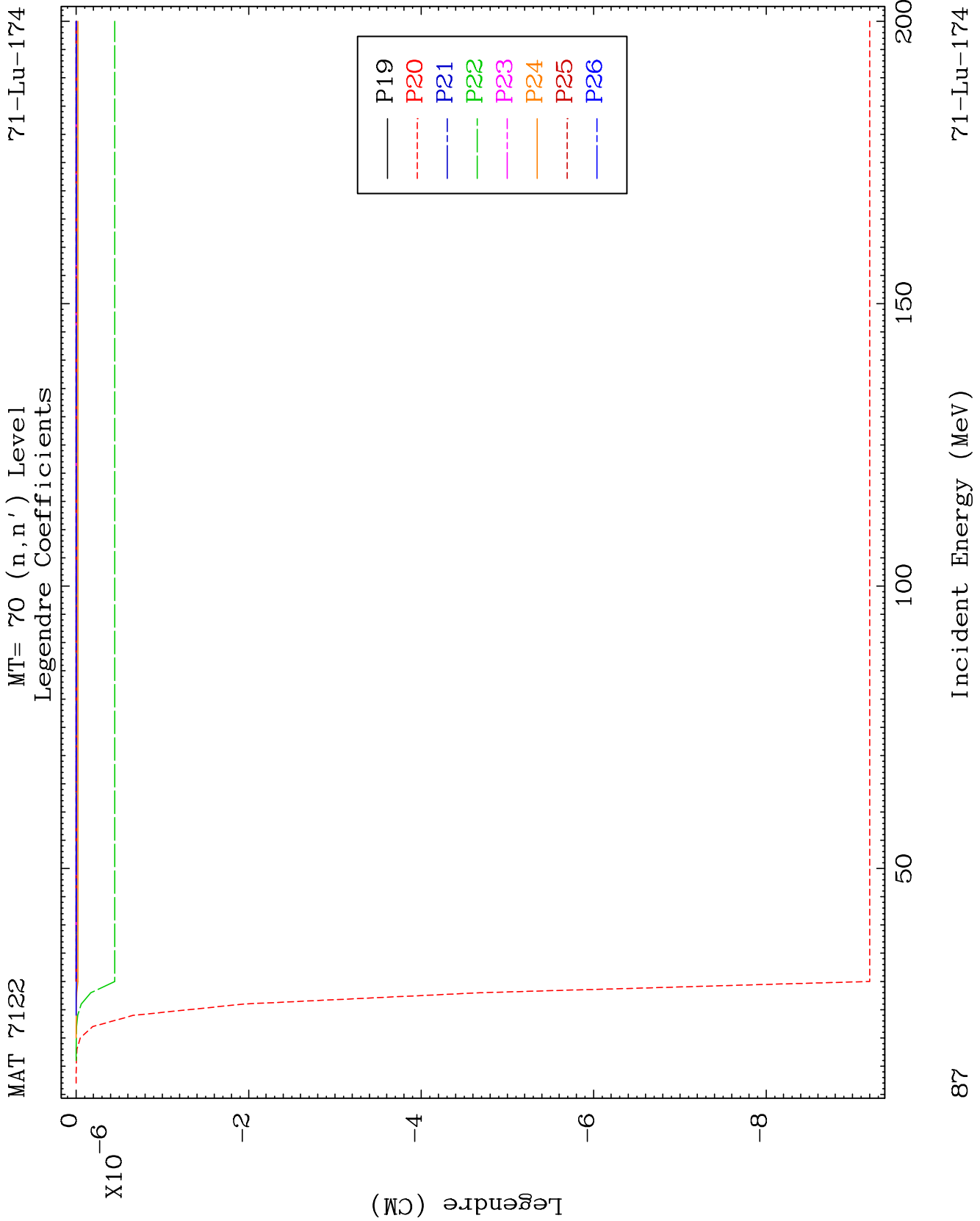
83

71-Lu-174









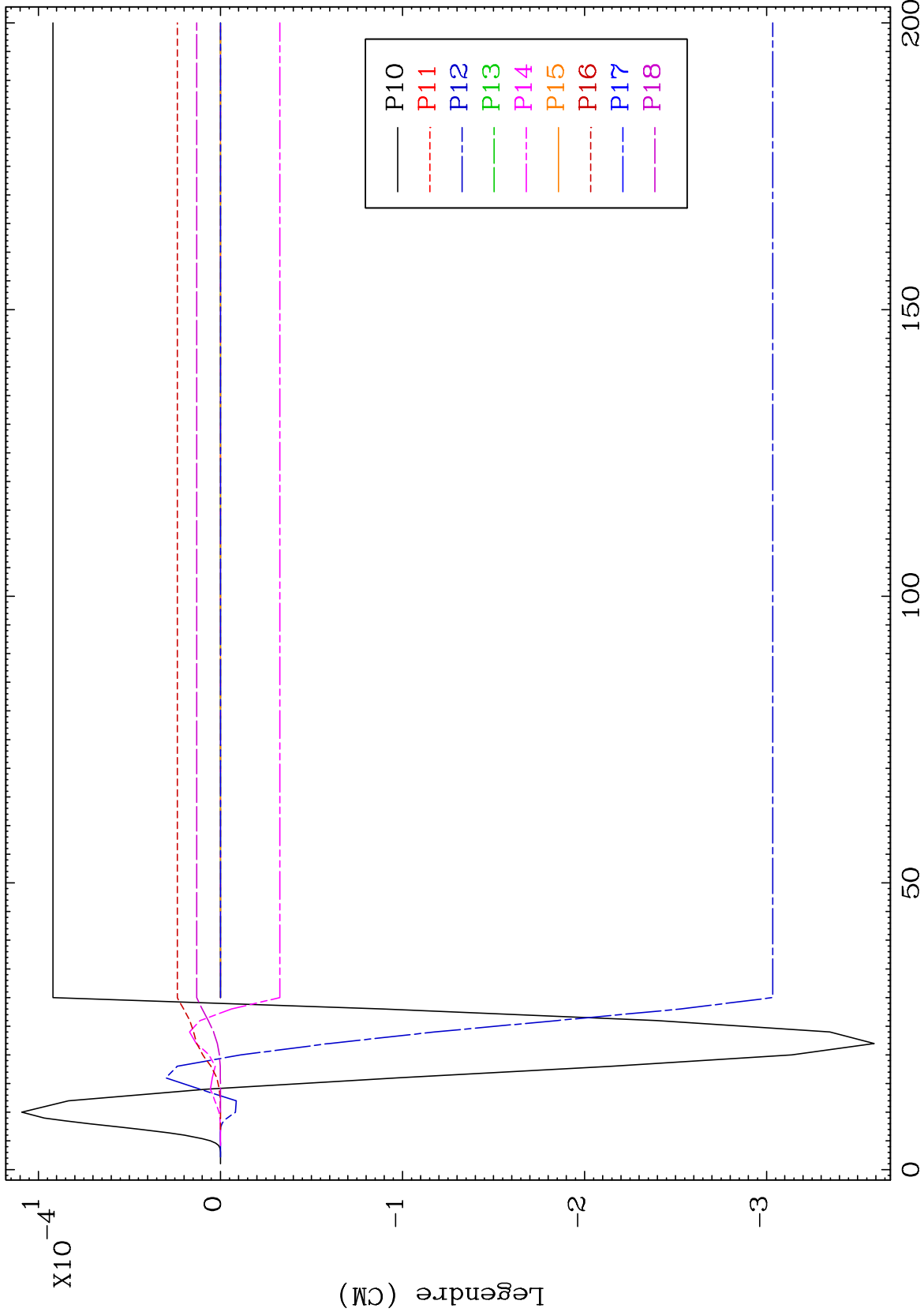




MAT 7122

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

71-Lu-174



89

Incident Energy (MeV)

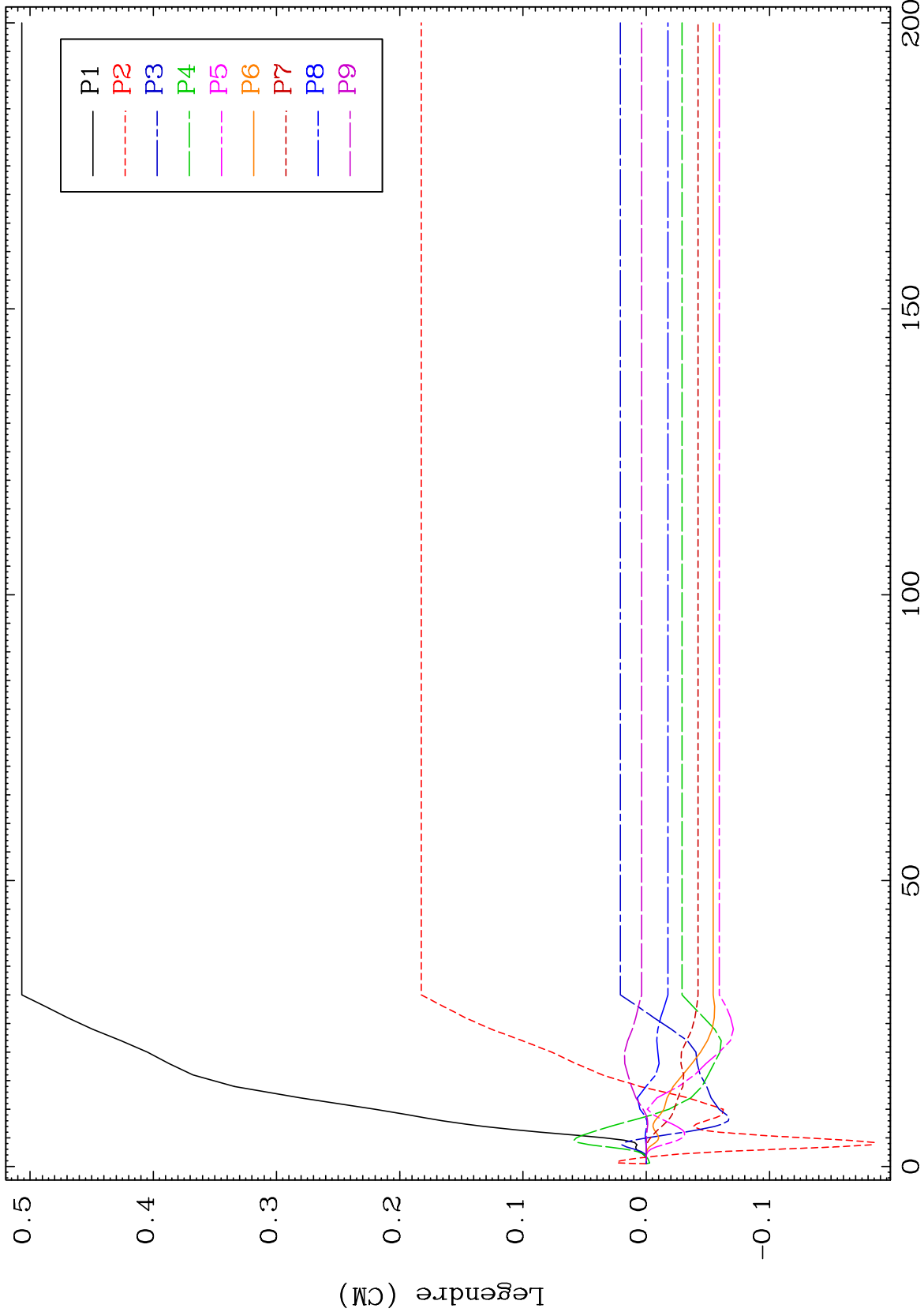
71-Lu-174



MAT 7122

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

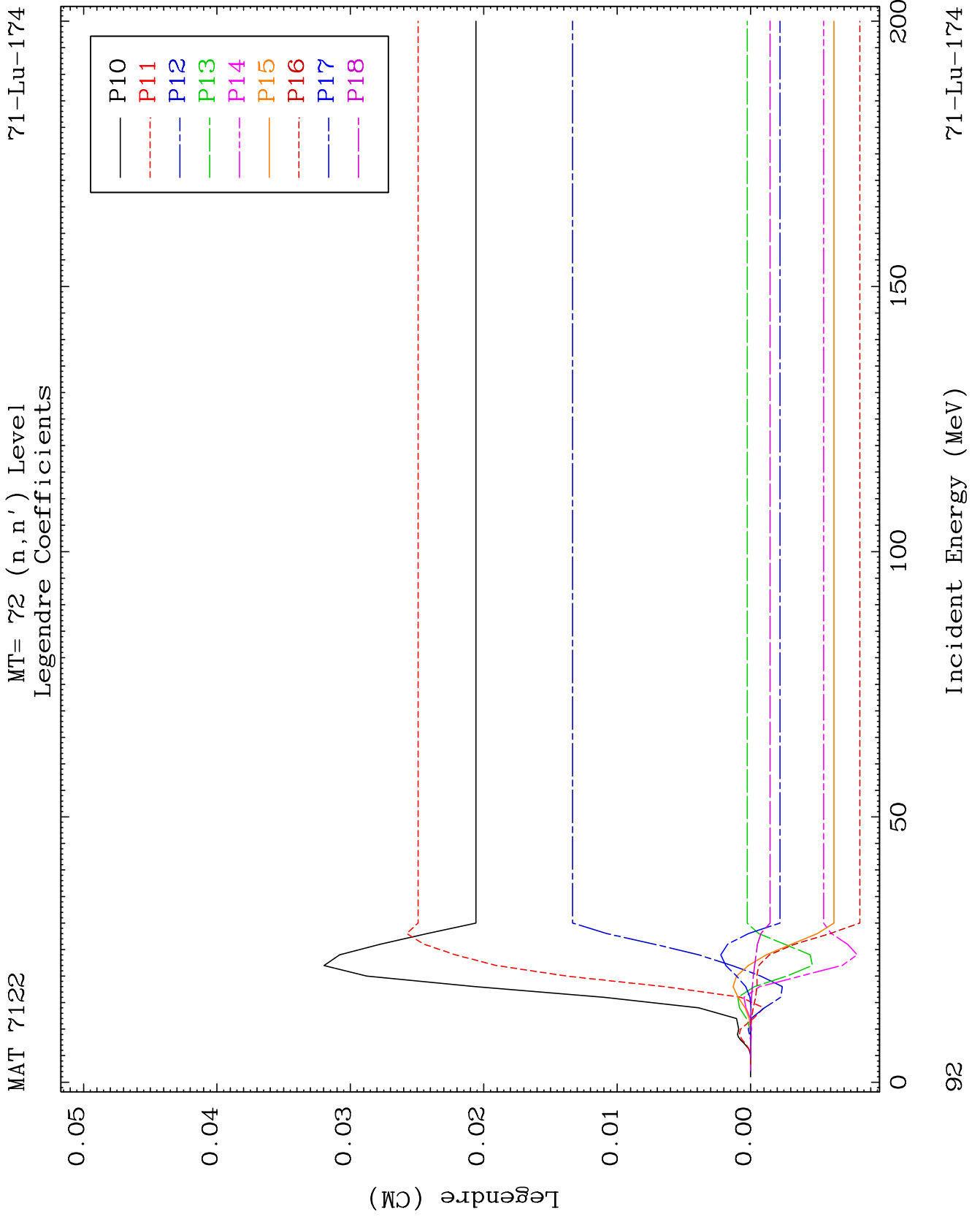
71-Lu-174



91

Incident Energy (MeV)

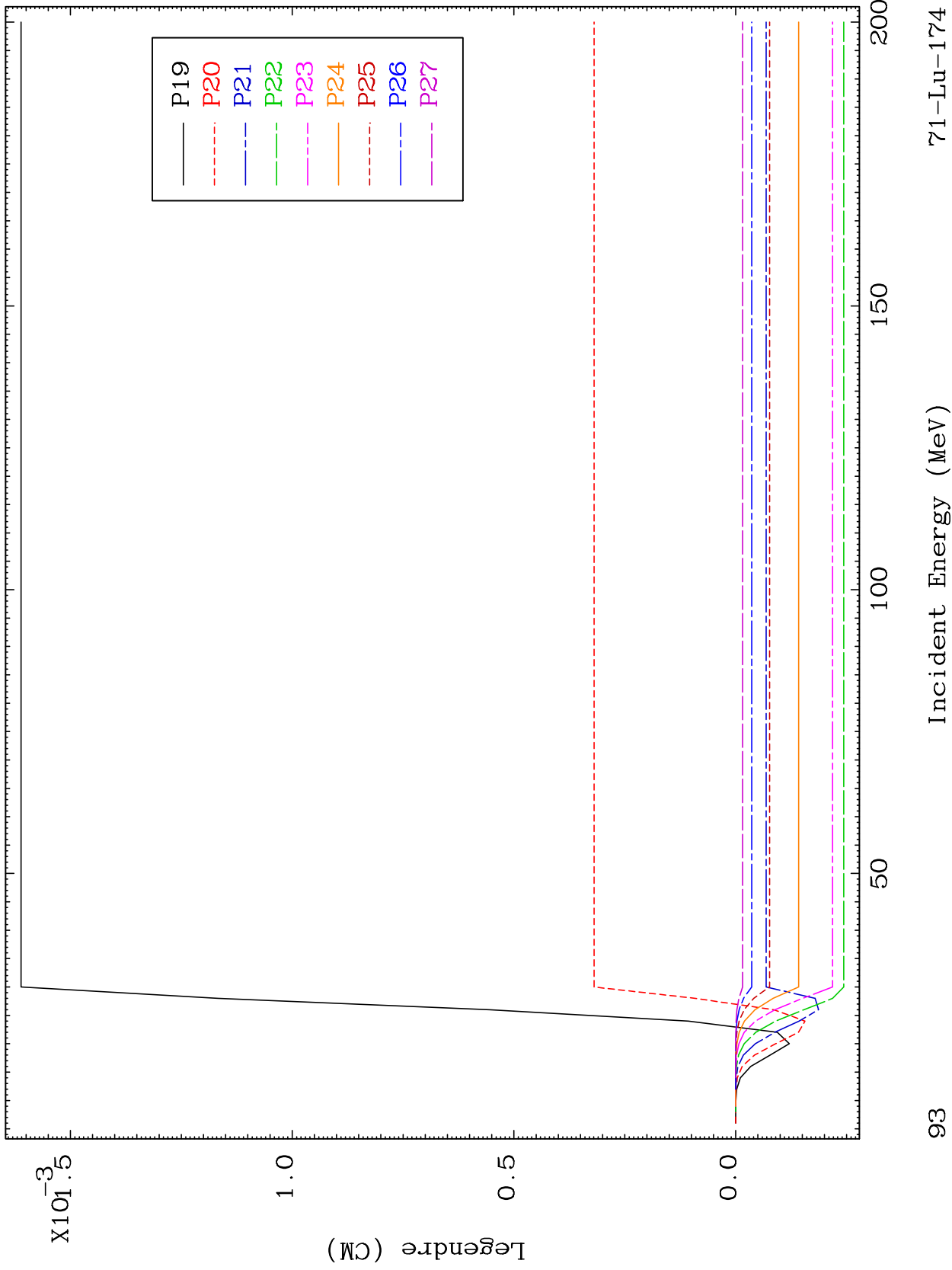
71-Lu-174



MAT 7122

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

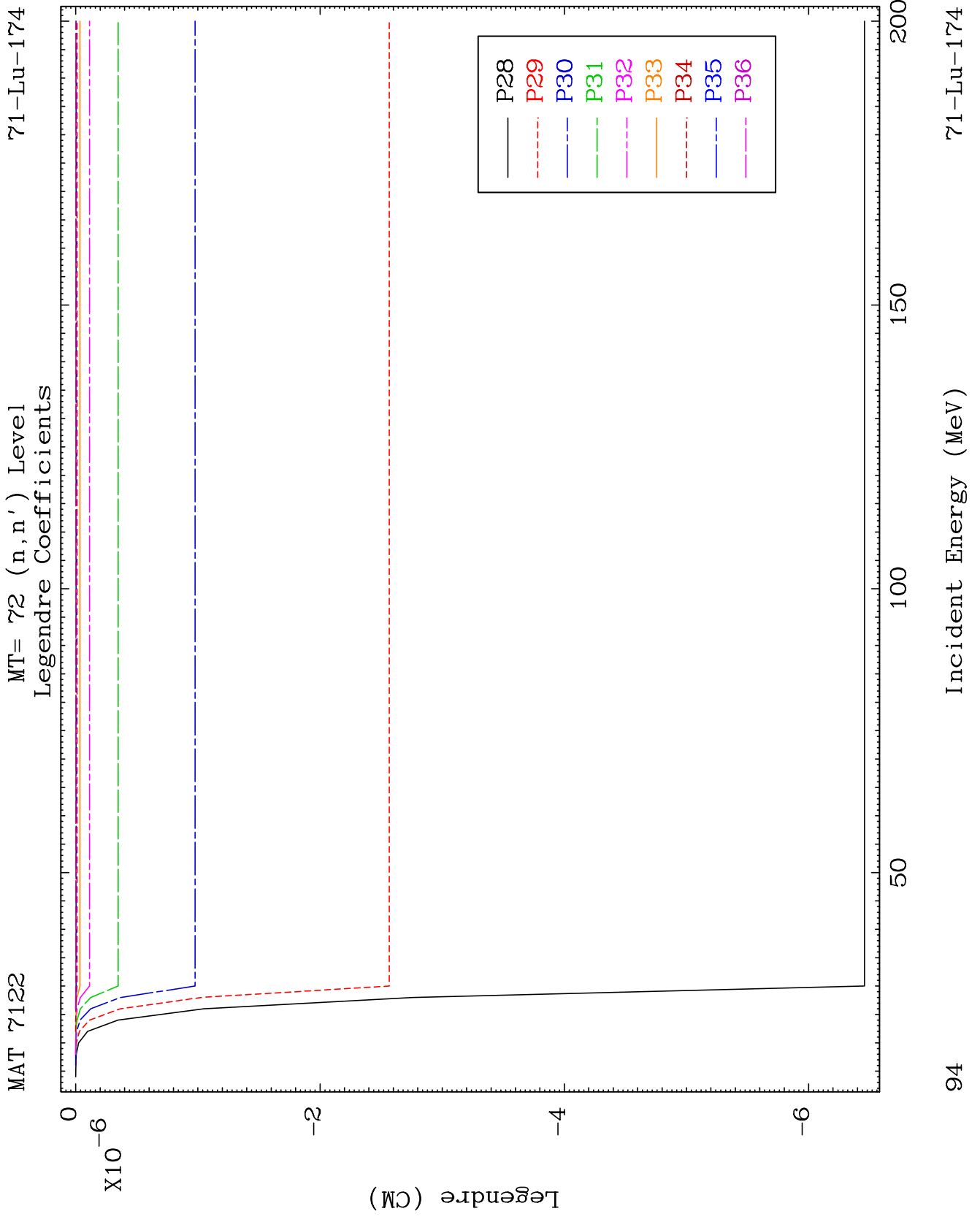
71-Lu-174



93

Incident Energy (MeV)

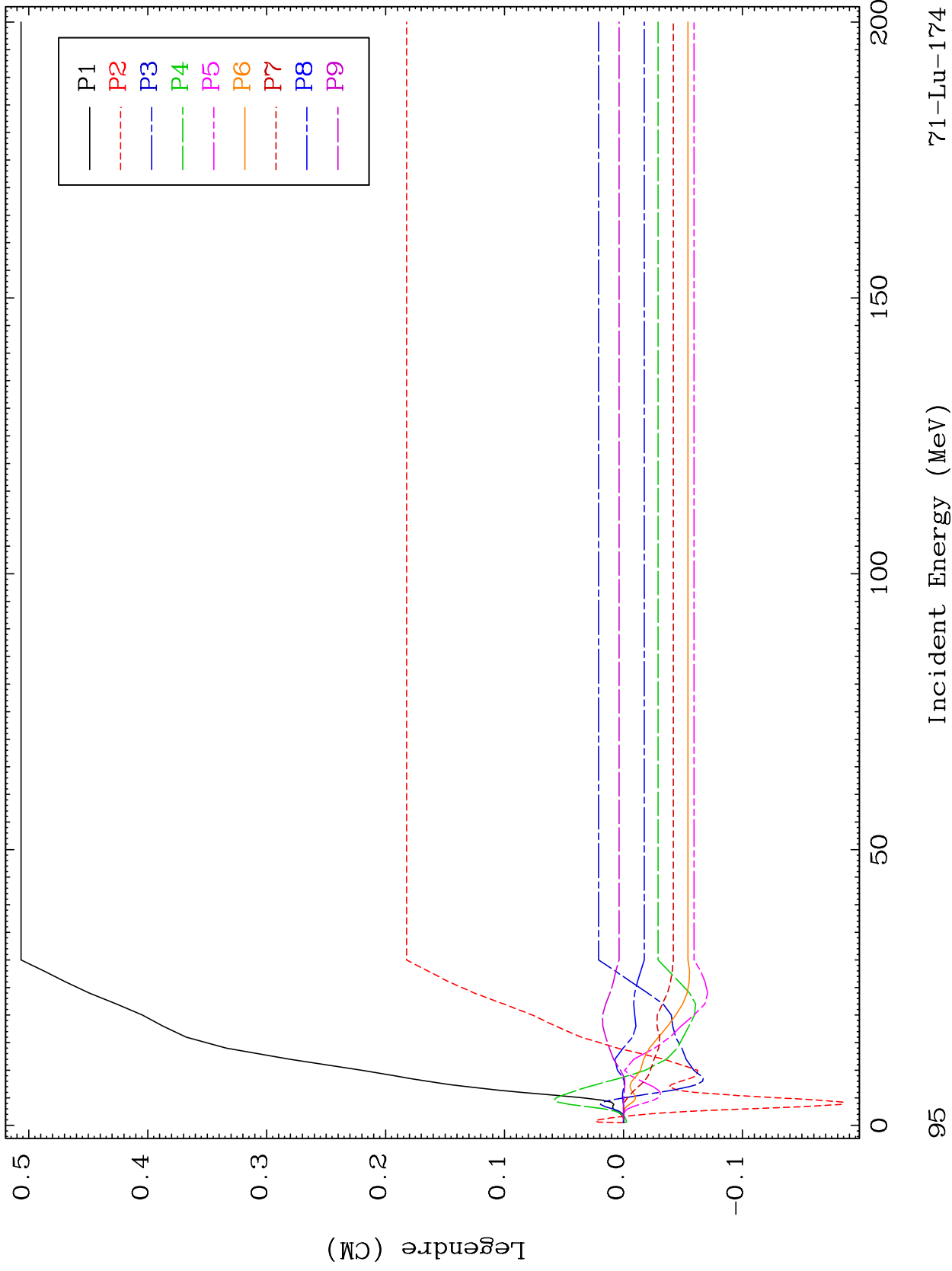
71-Lu-174



MAT 7122

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

71-Lu-174

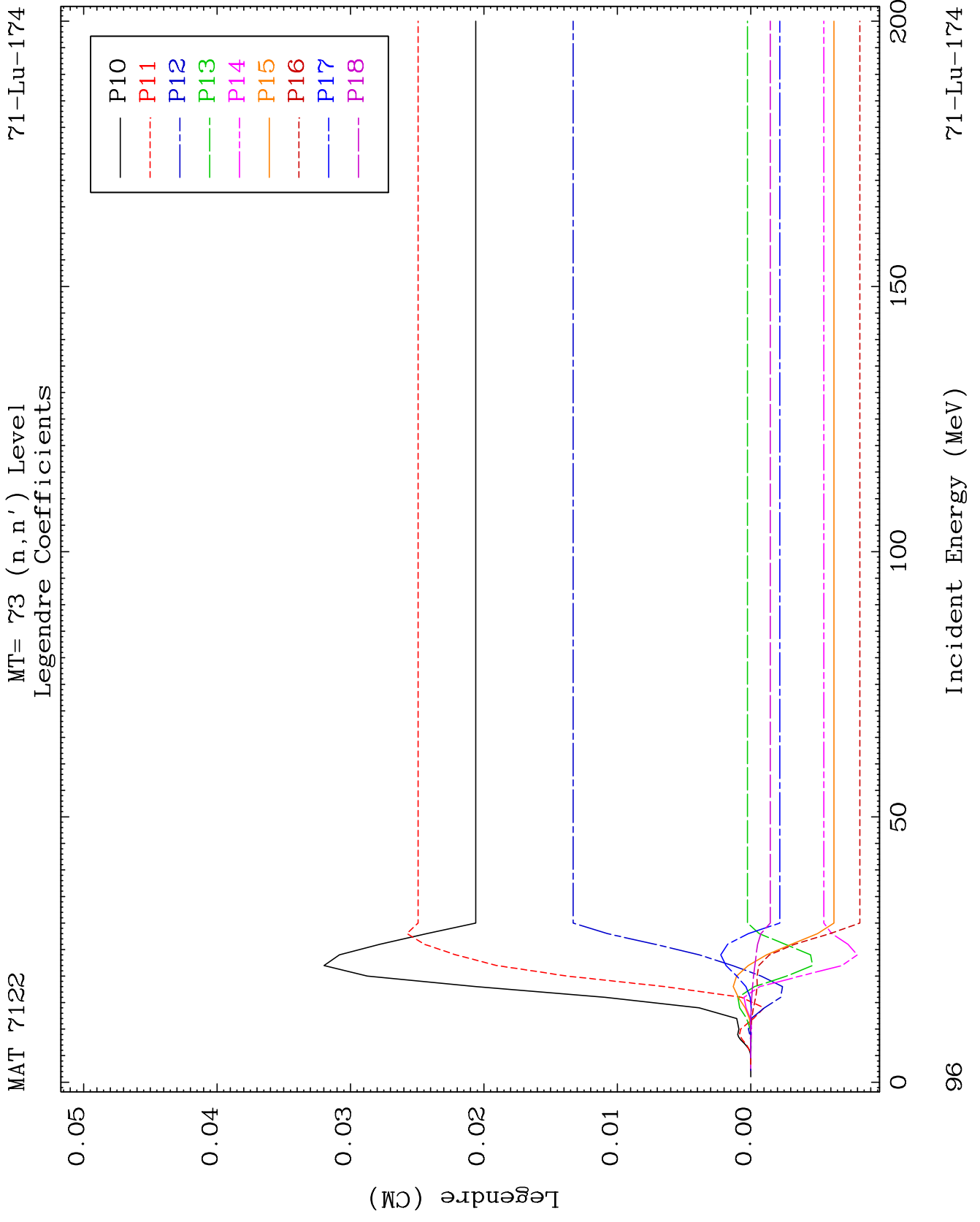


71-Lu-174

Incident Energy (MeV)

95

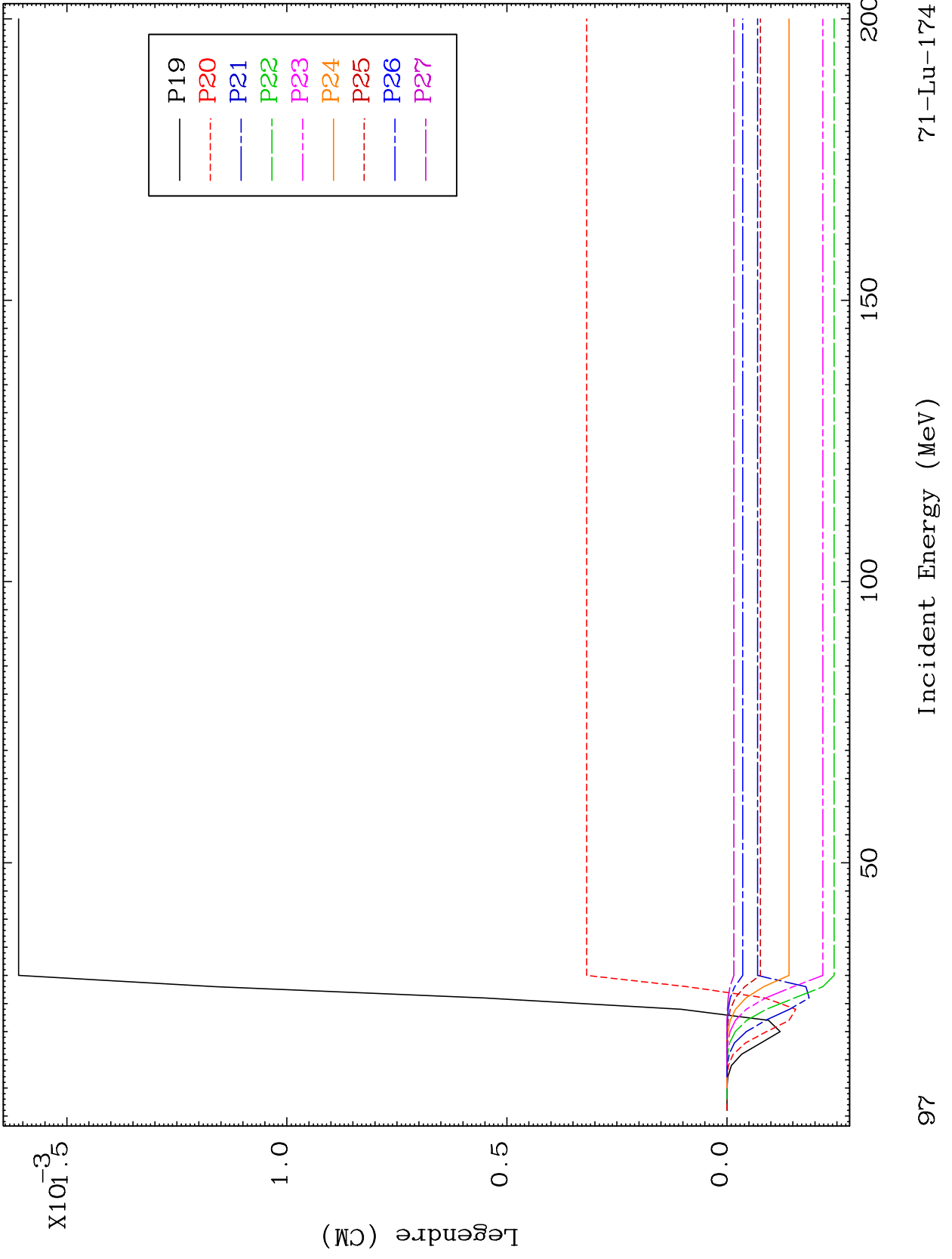




MAT 7122

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

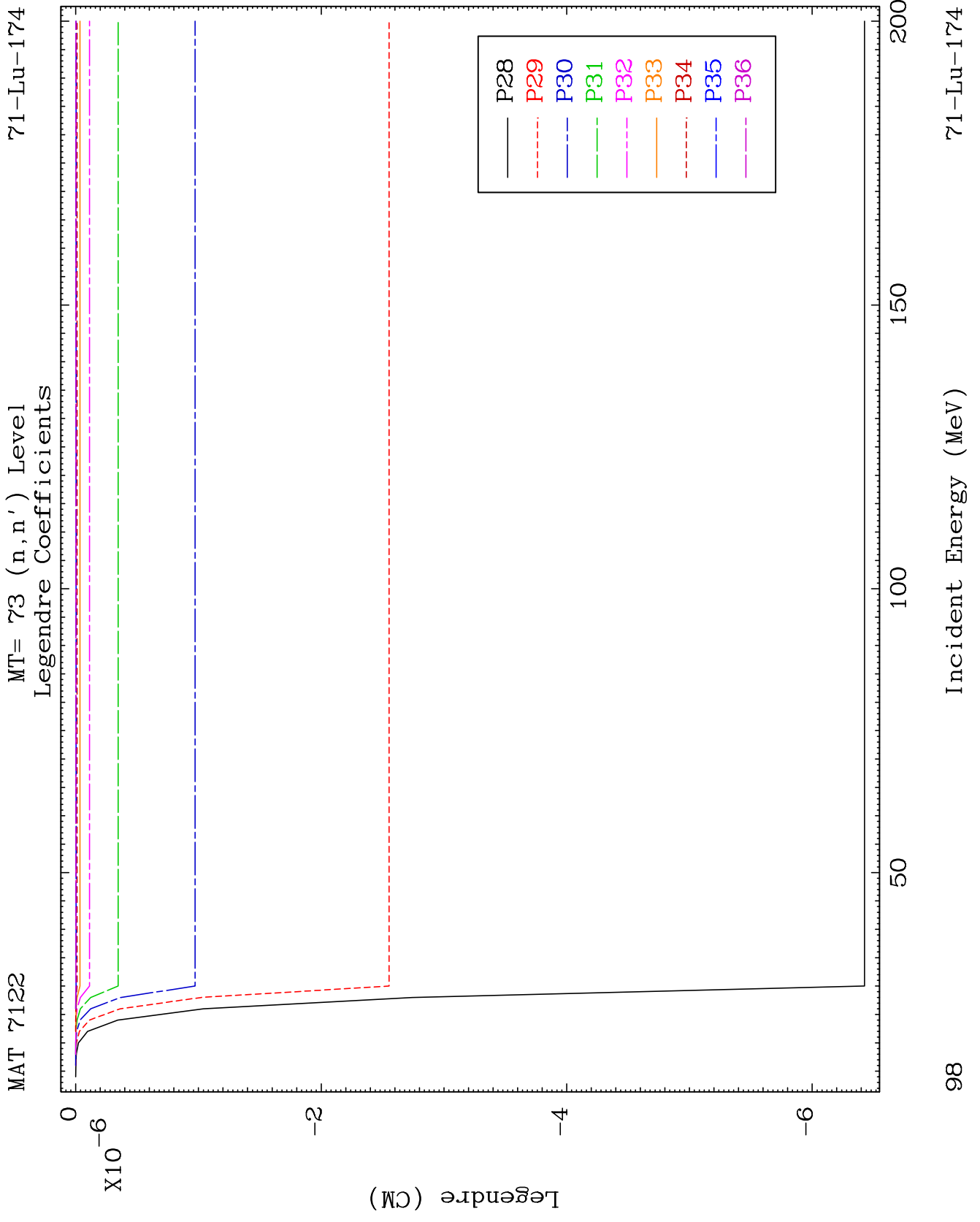
71-Lu-174



97

Incident Energy (MeV)

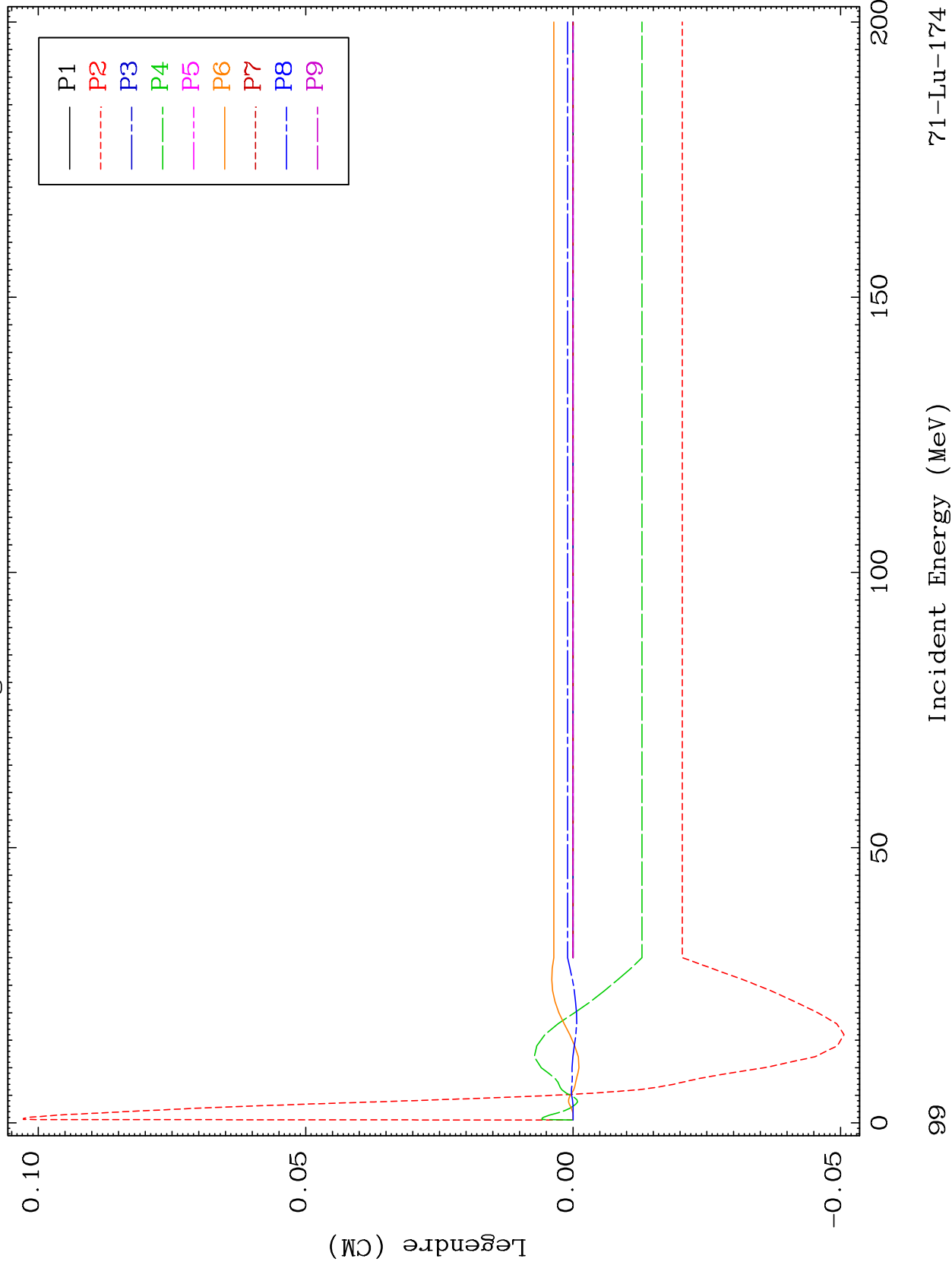
71-Lu-174



MAT 7122

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

71-Lu-174



99

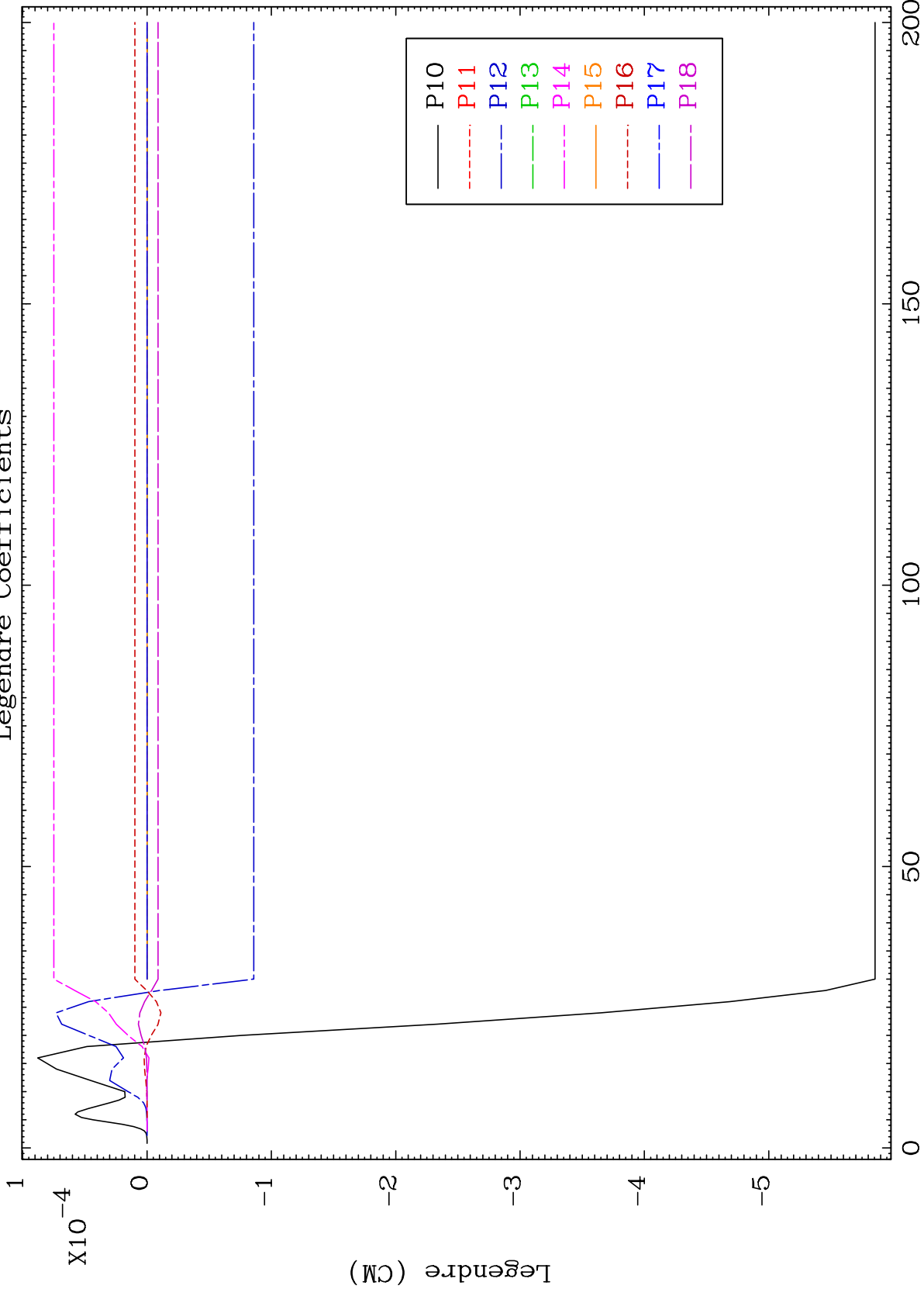
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174

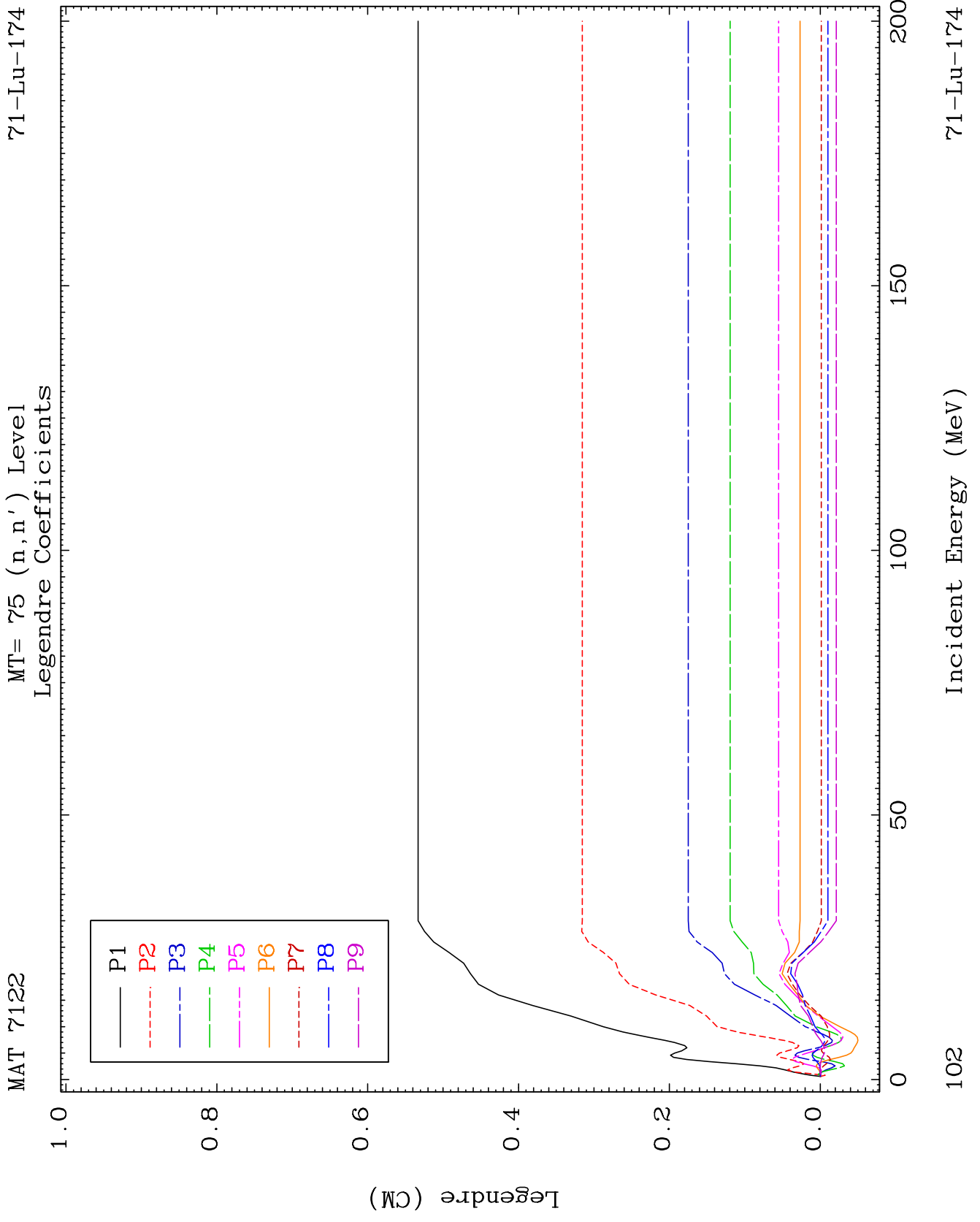


100

Incident Energy (MeV)

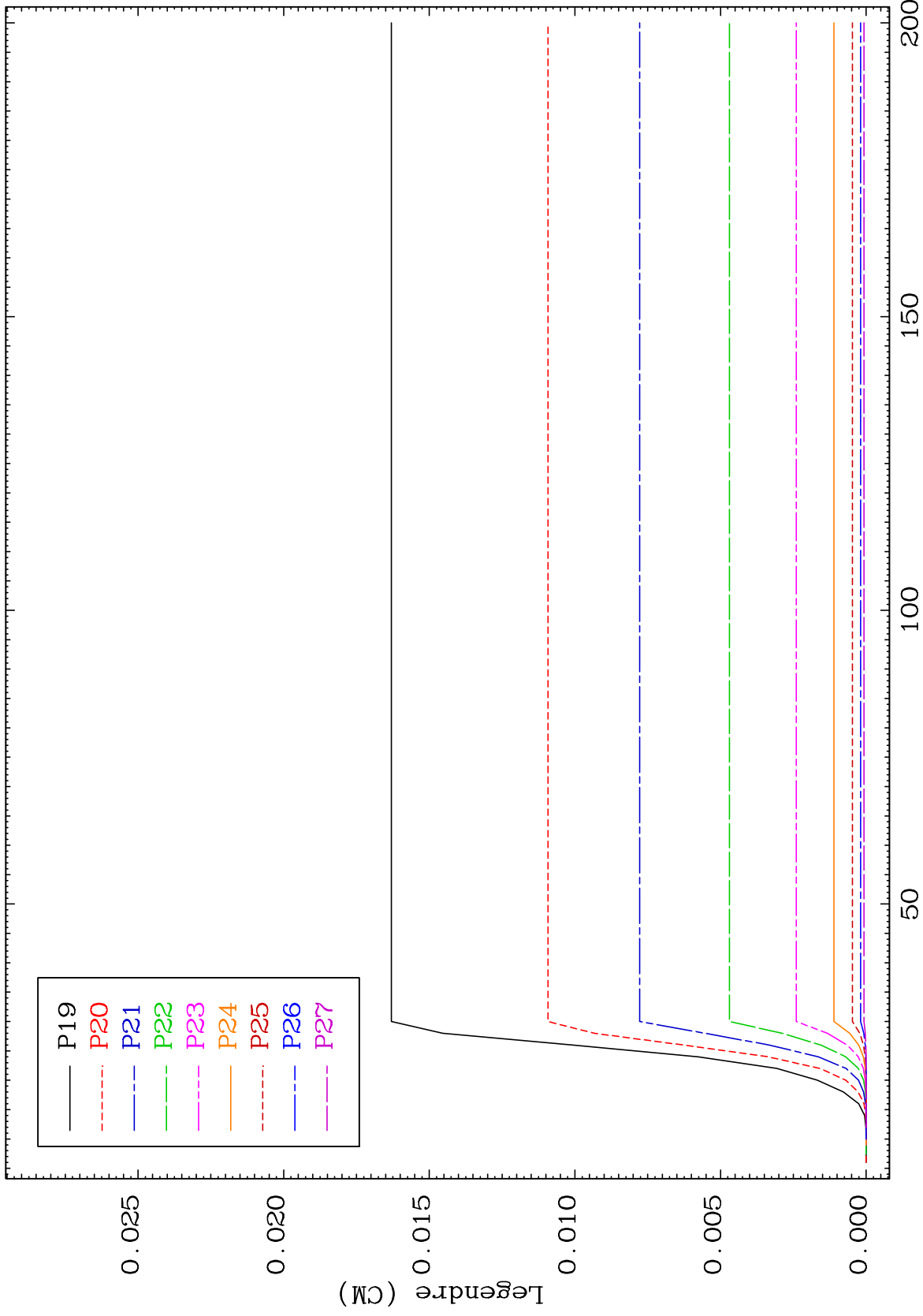
71-Lu-174







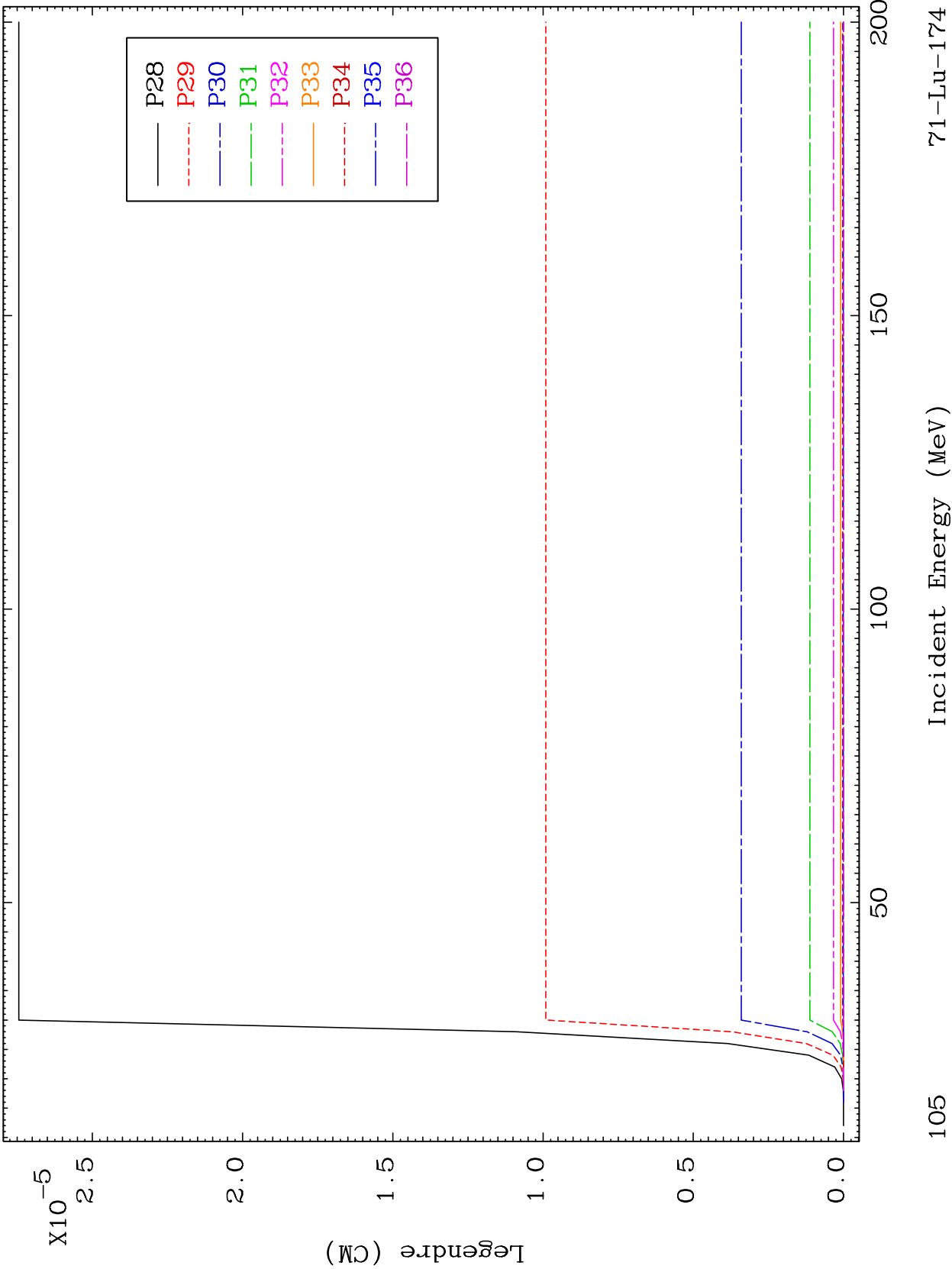




MAT 7122

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

71-Lu-174



71-Lu-174

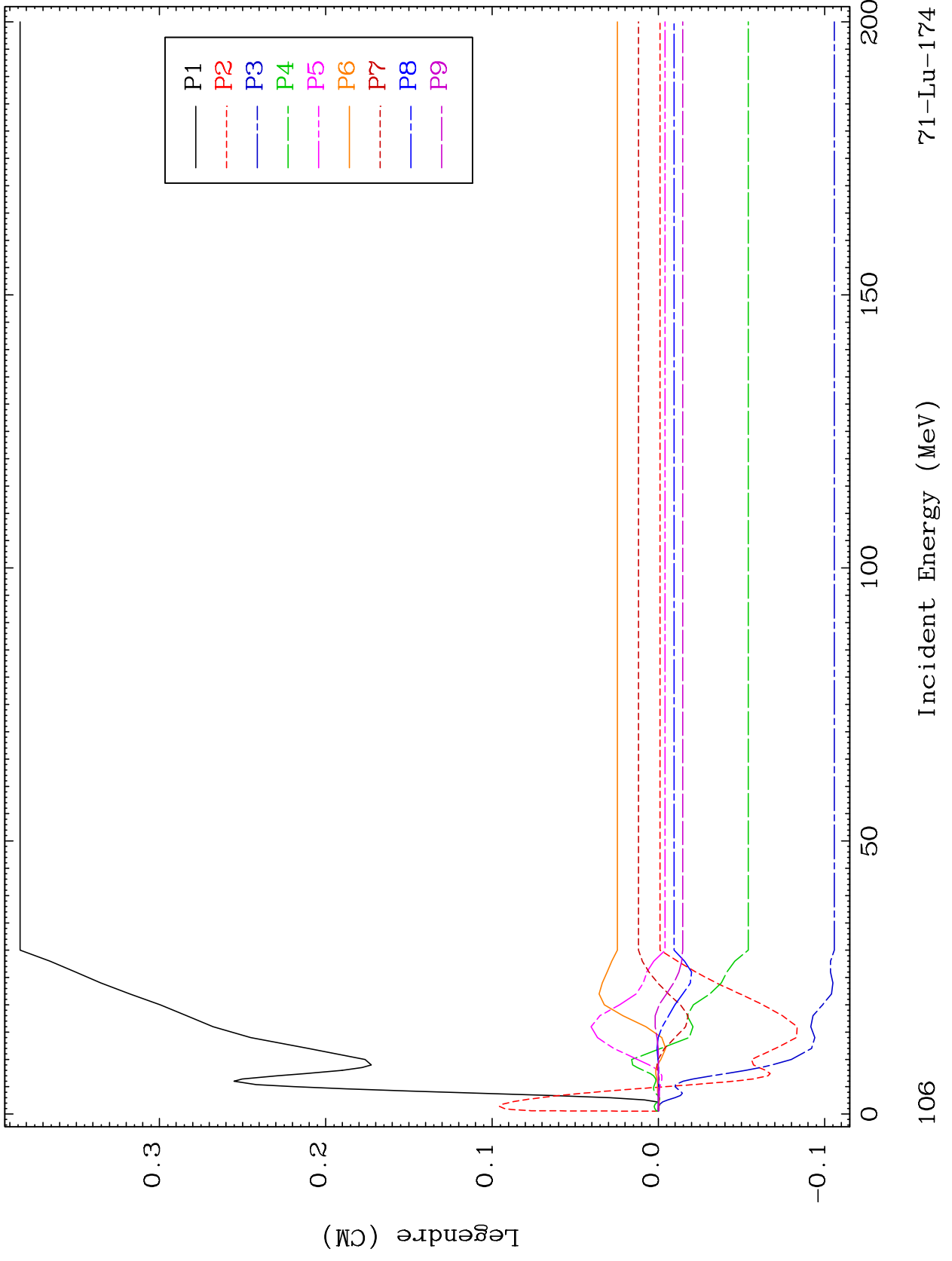
Incident Energy (MeV)

105

MAT 7122

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

71-Lu-174



71-Lu-174

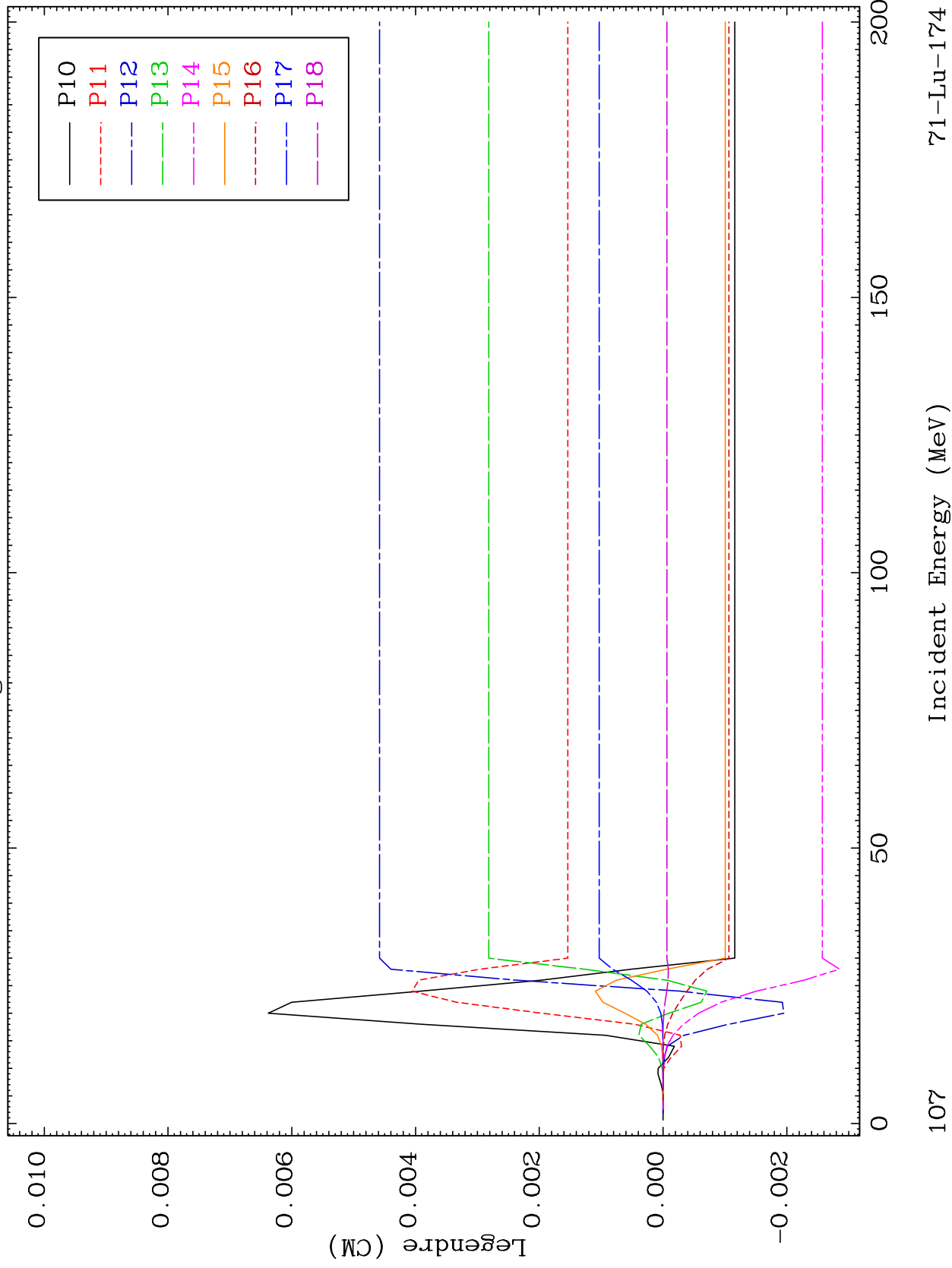
Incident Energy (MeV)

106

MAT 7122

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

71-Lu-174



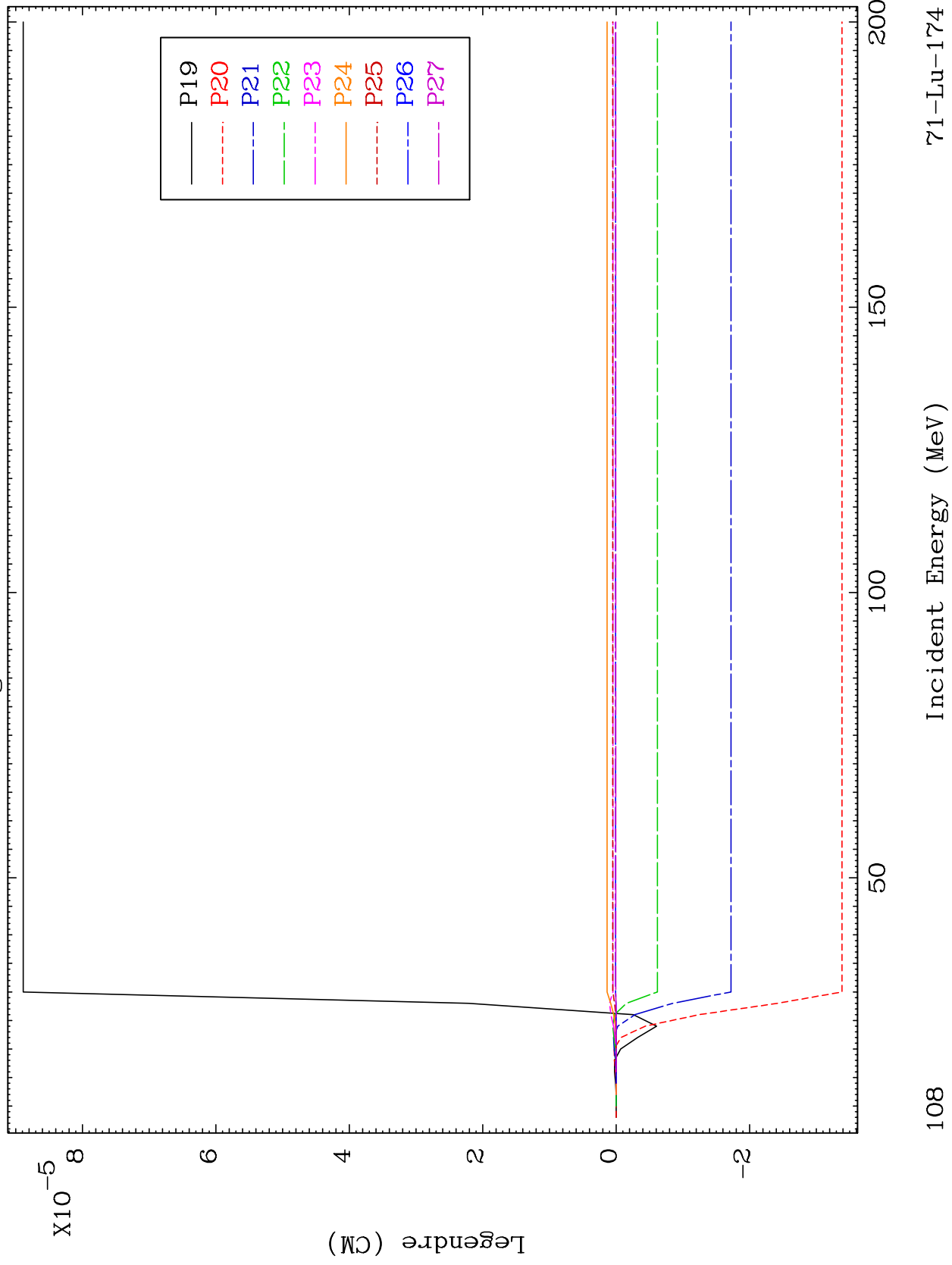
107

71-Lu-174

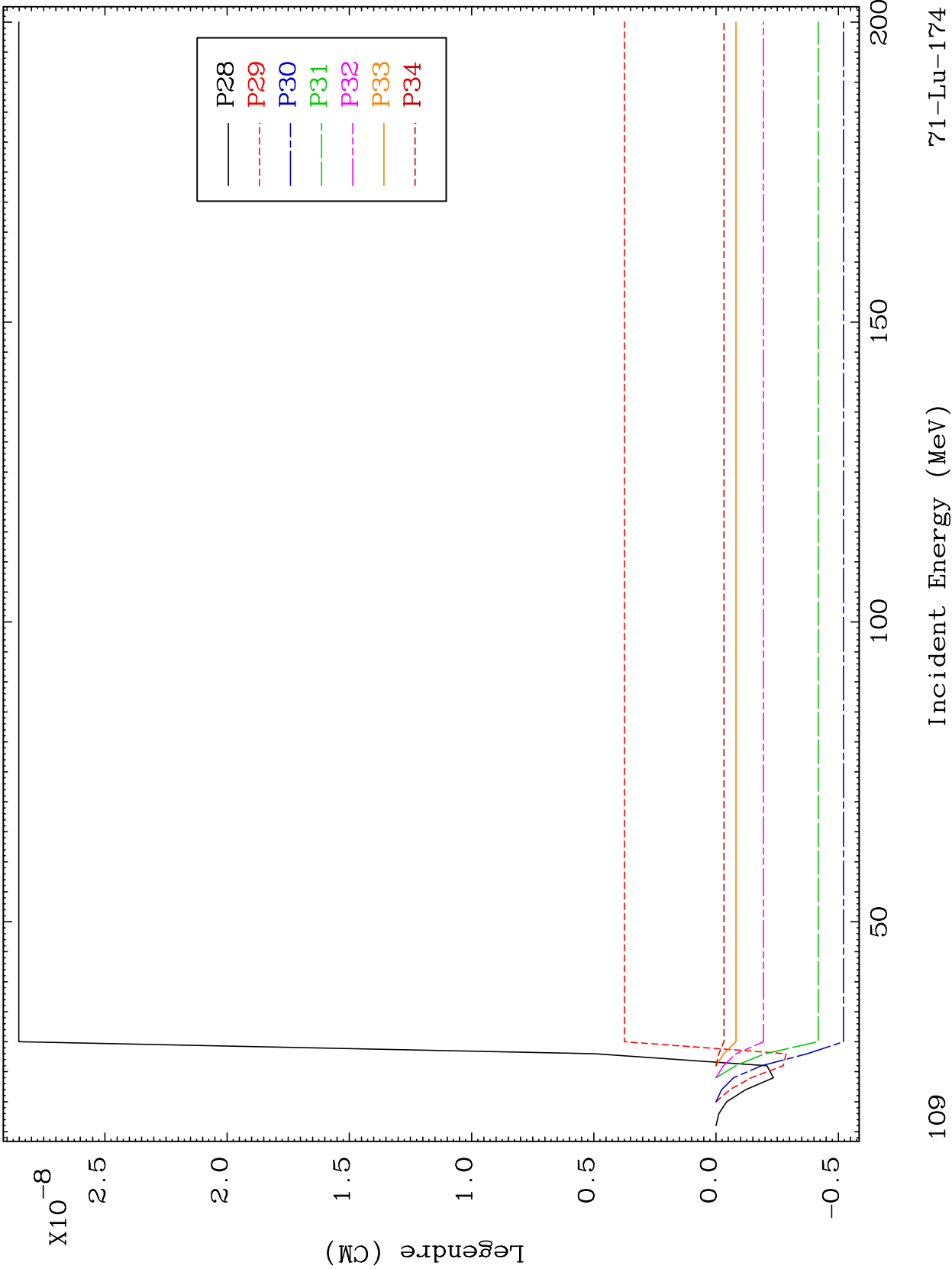
MAT 7122

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

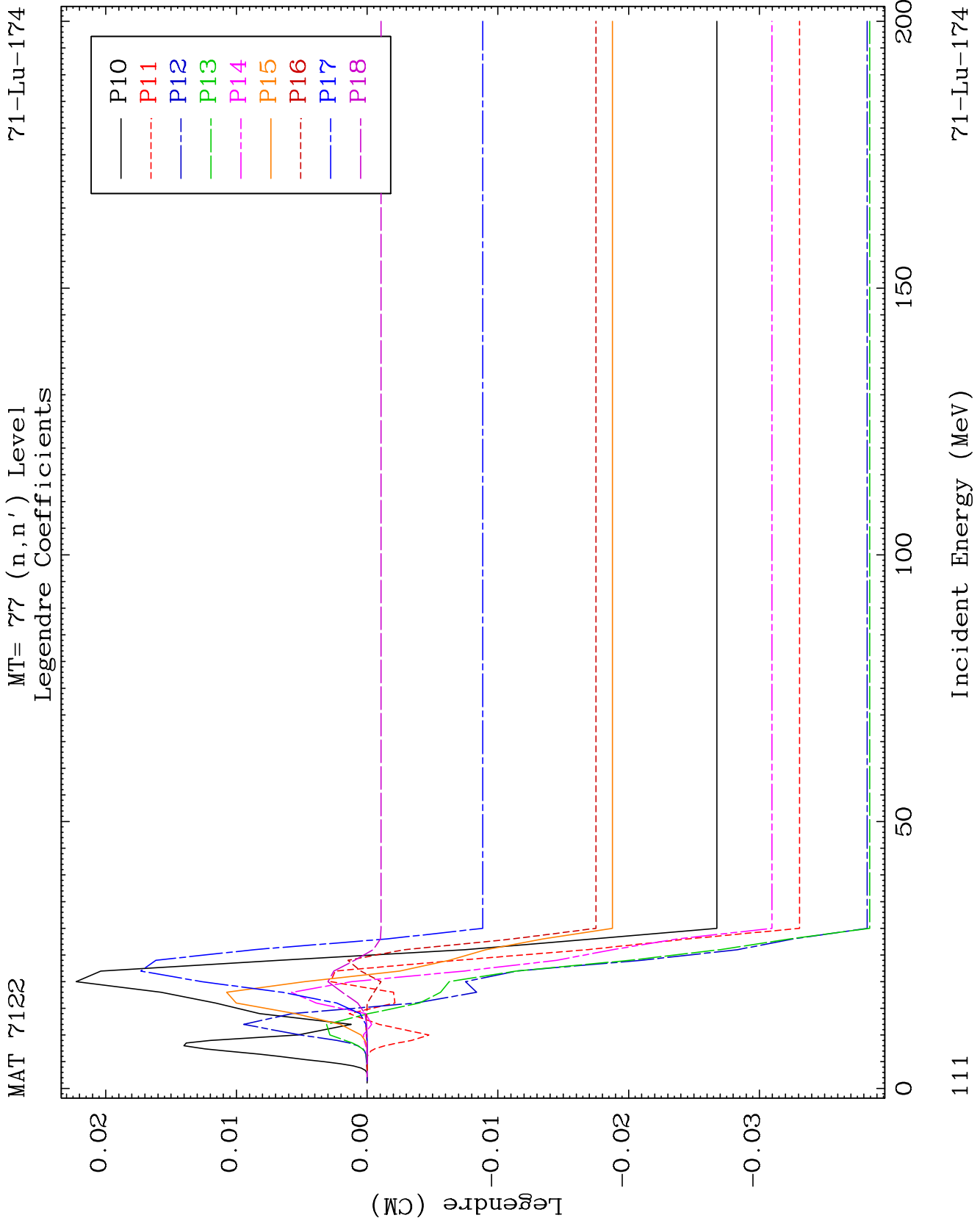
71-Lu-174



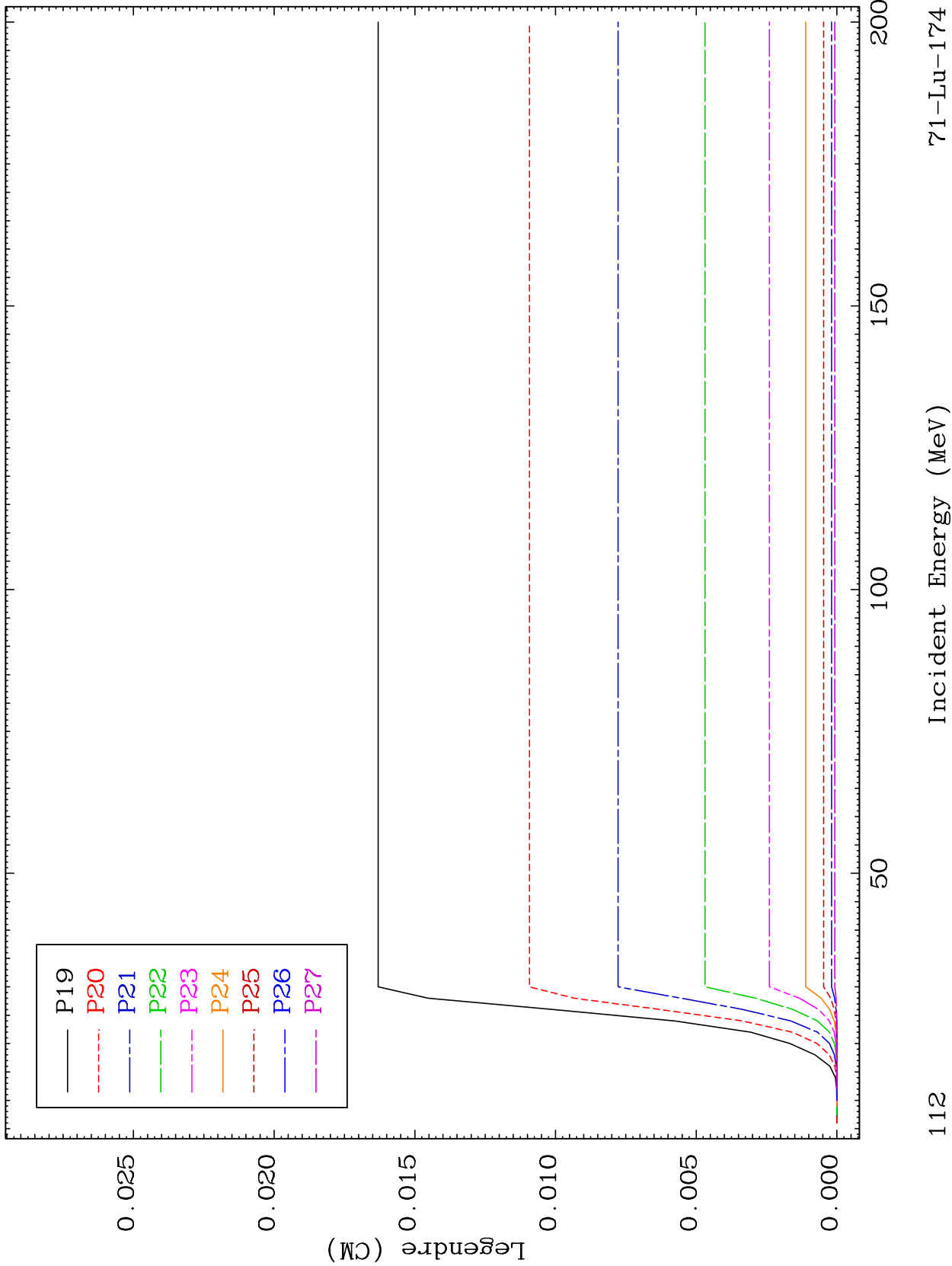
108

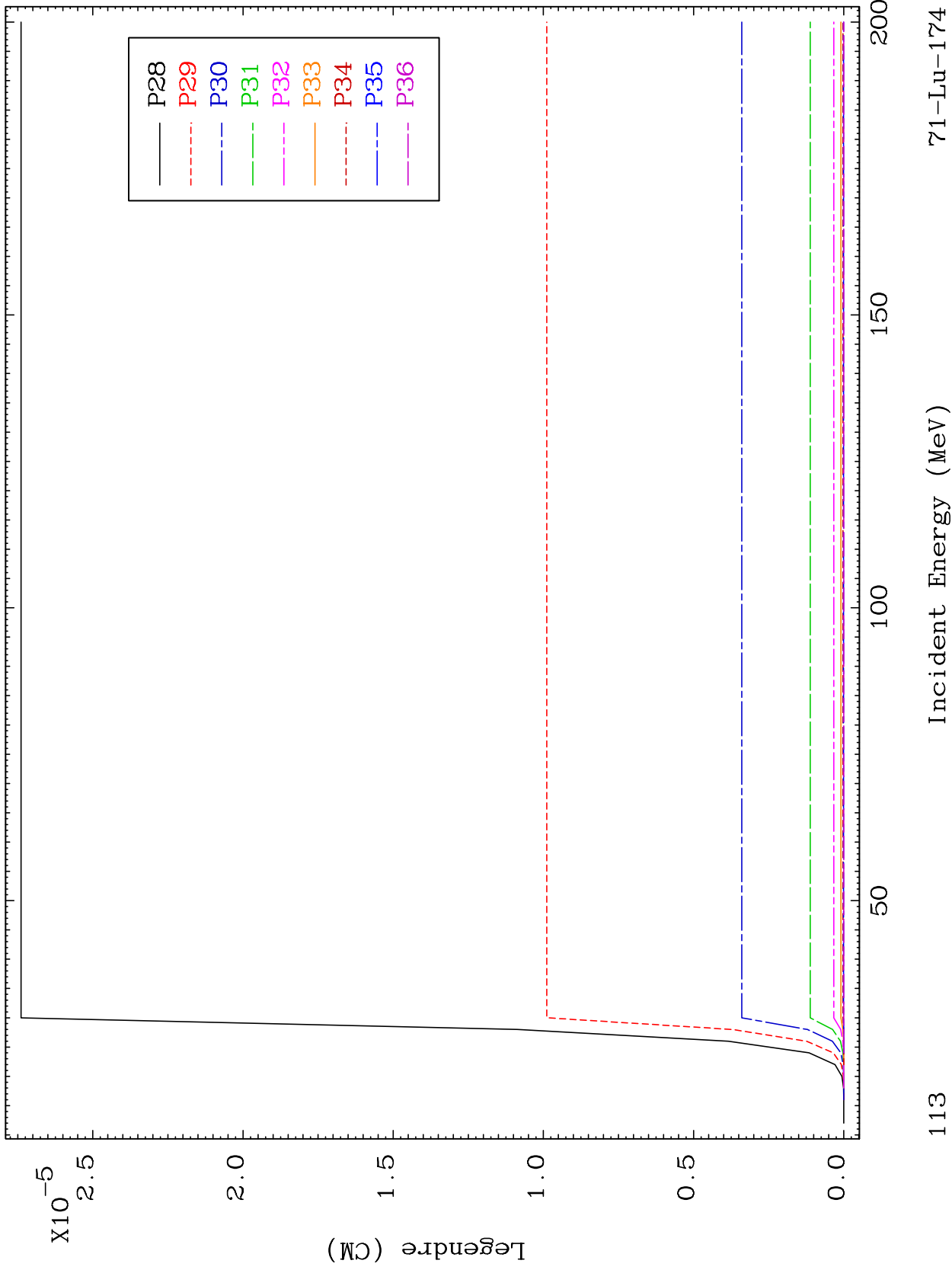








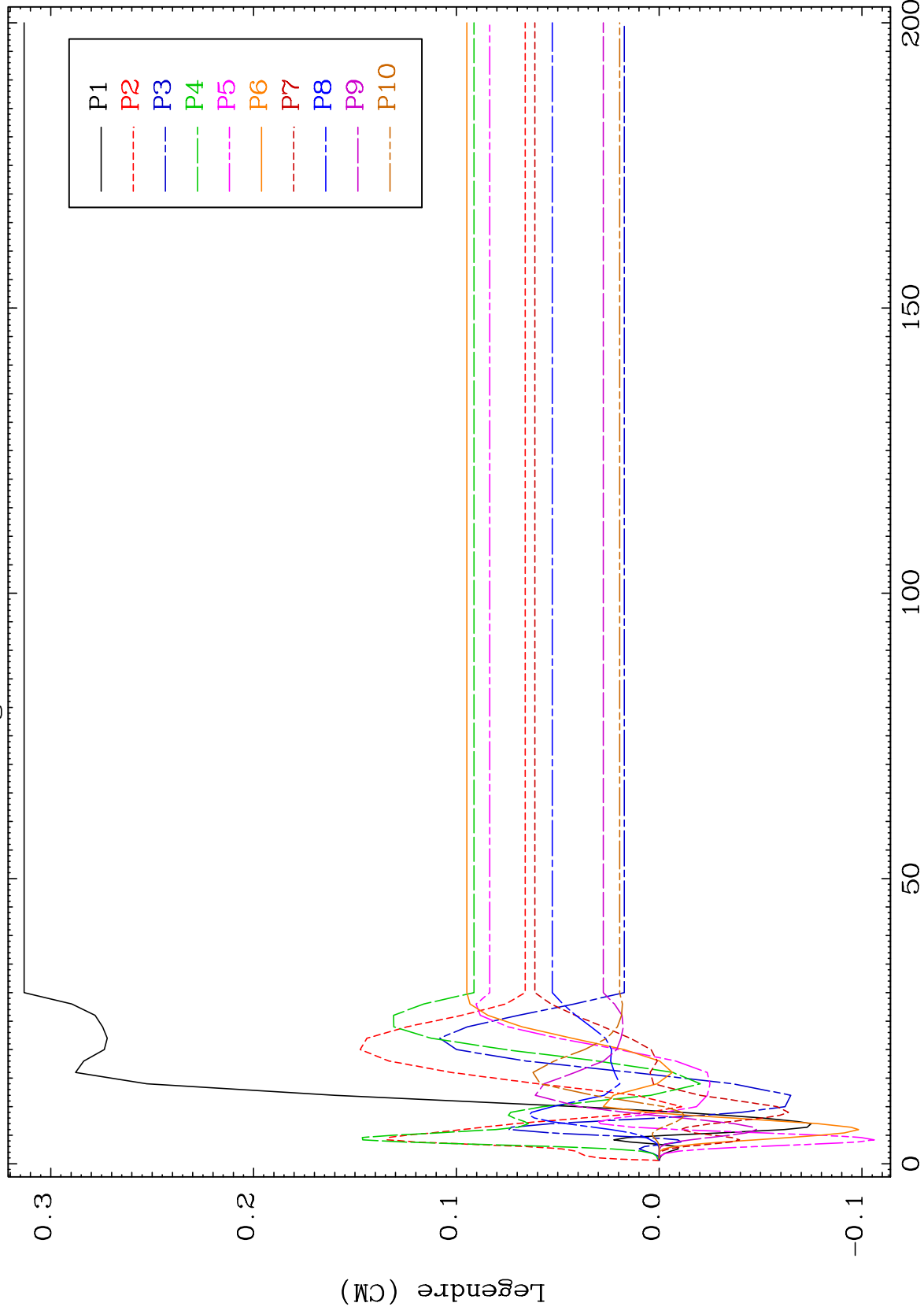




MAT 7122

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

71-Lu-174



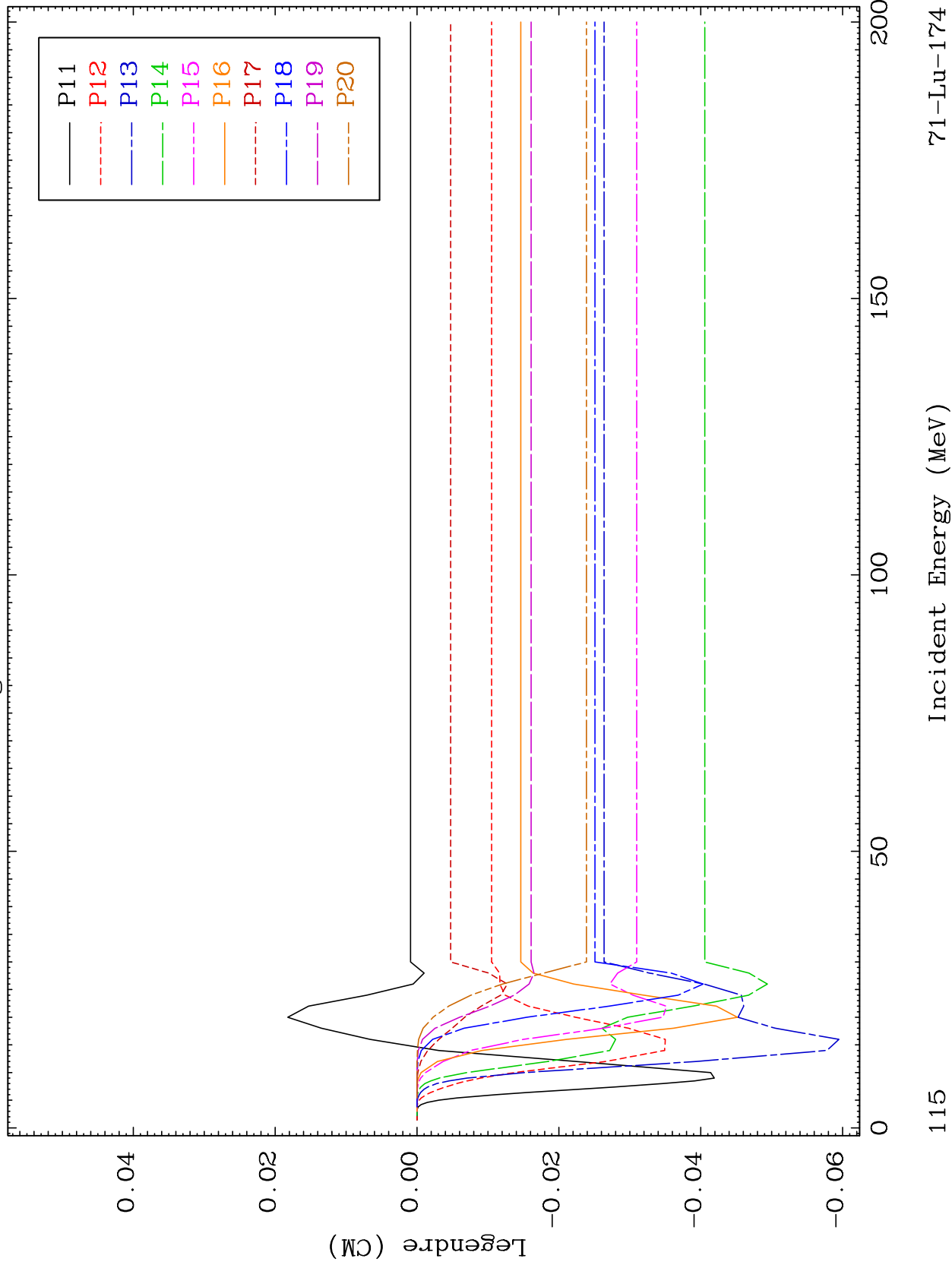
114

71-Lu-174

MAT 7122

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

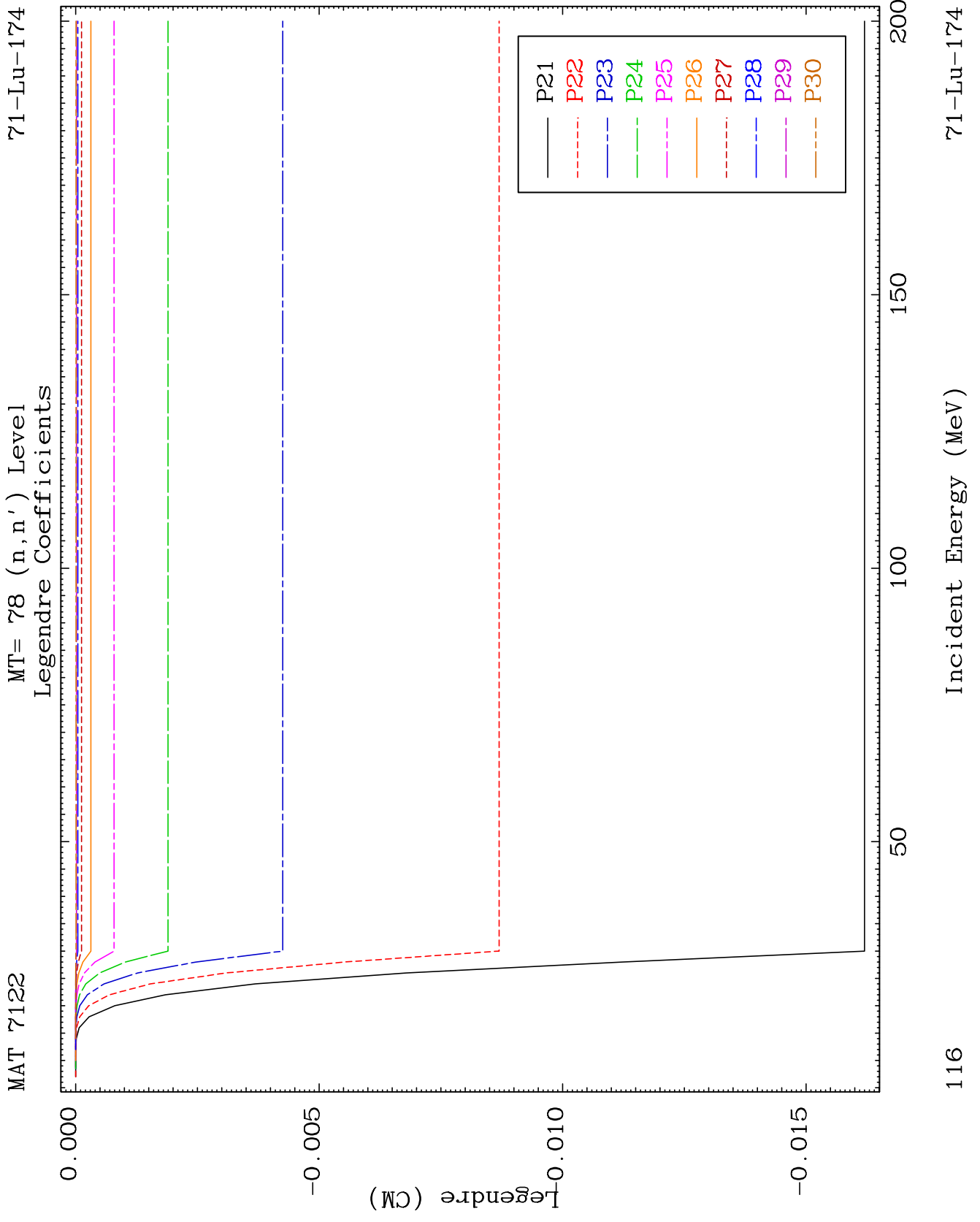
71-Lu-174

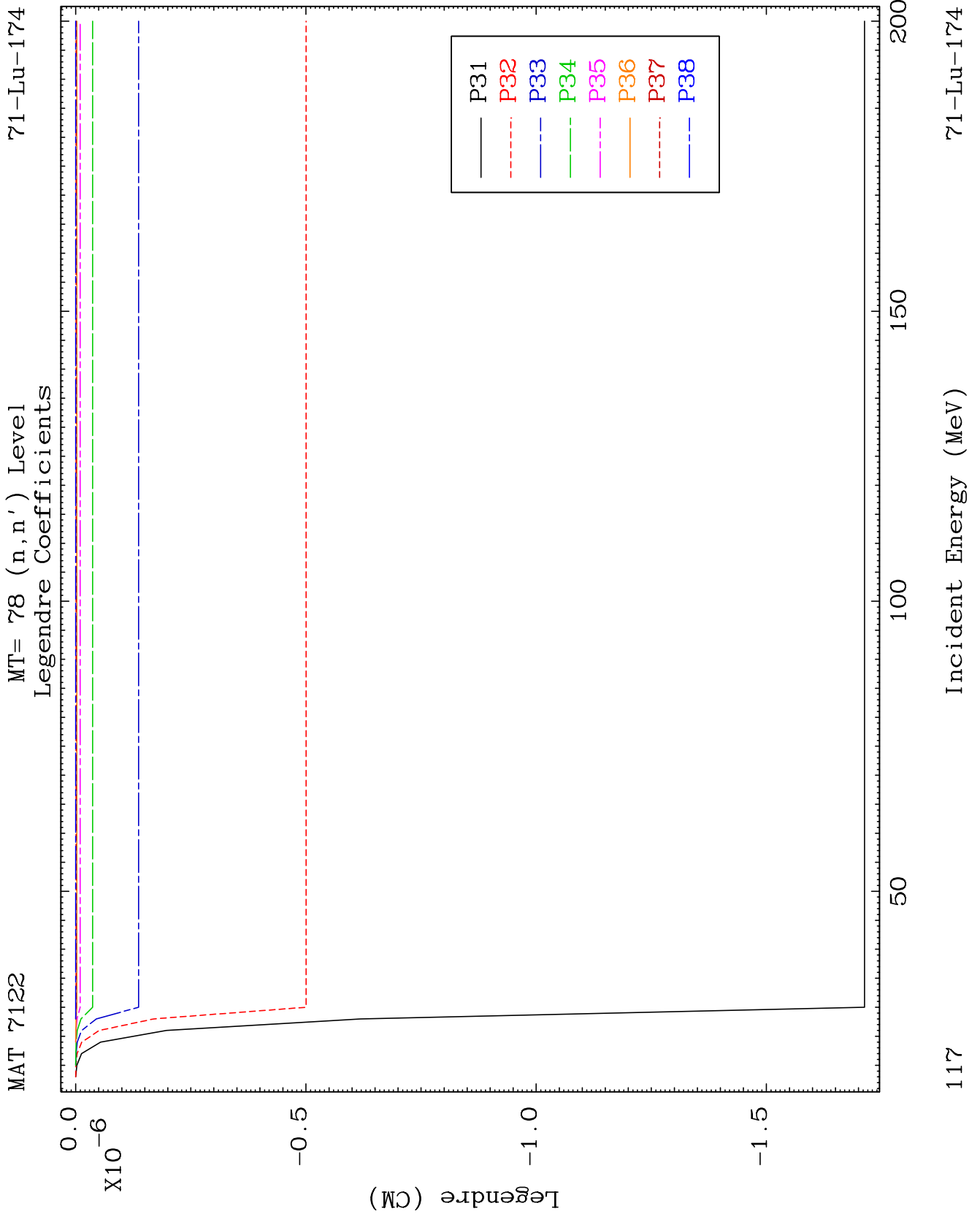


71-Lu-174

Incident Energy (MeV)

115

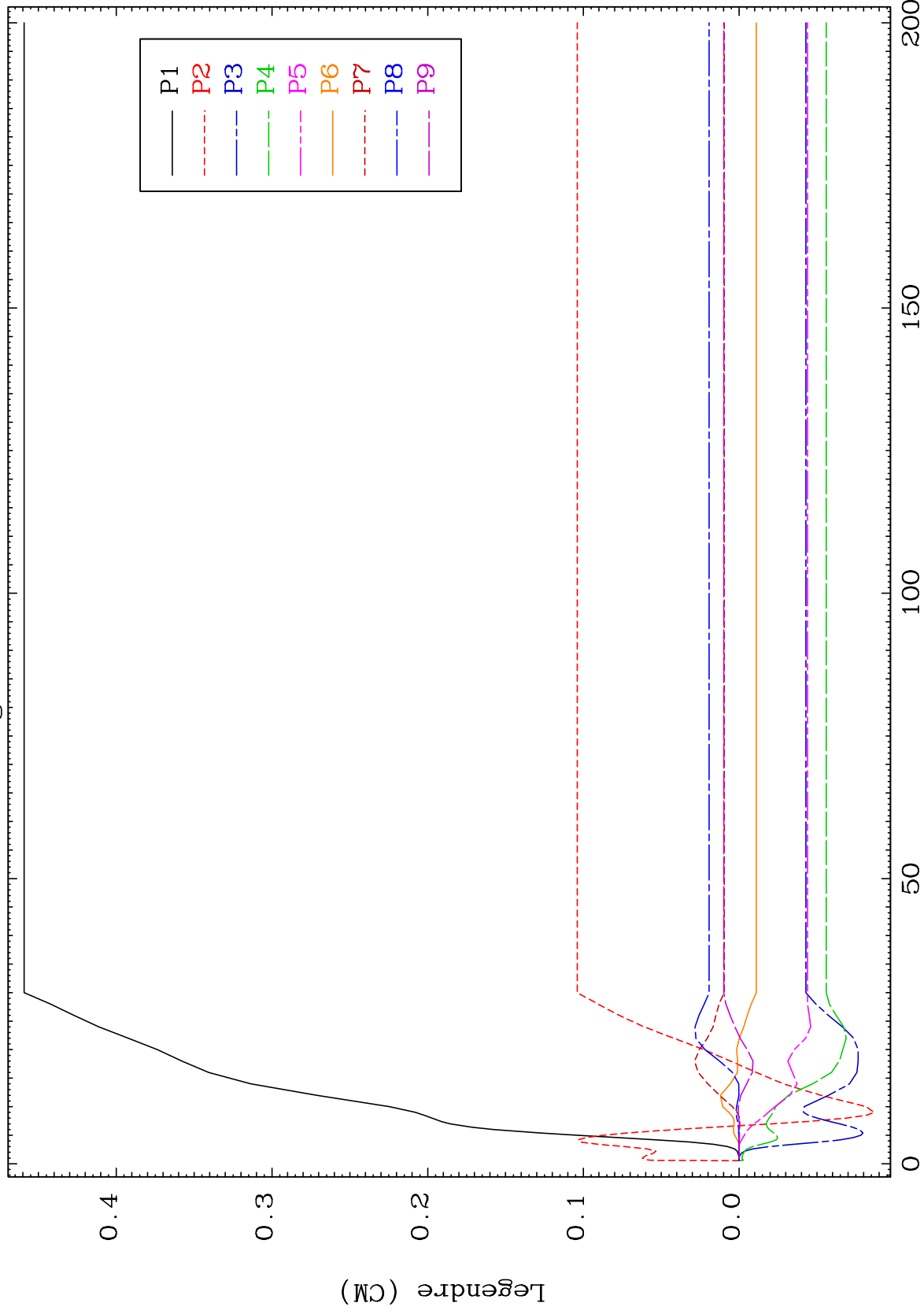




MAT 7122

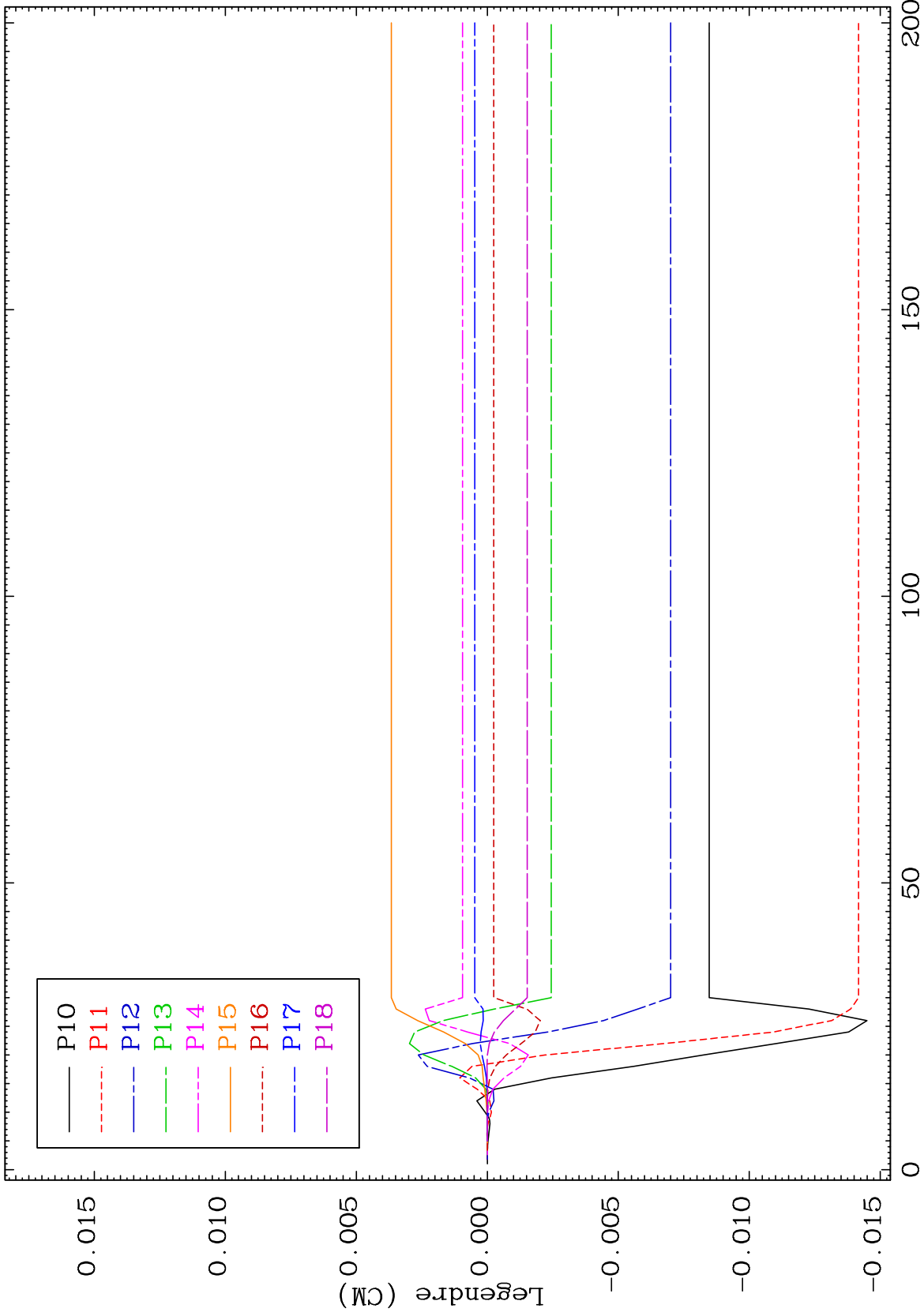
MT= 79 (n,n') Level  
Legendre Coefficients

71-Lu-174



118

71-Lu-174

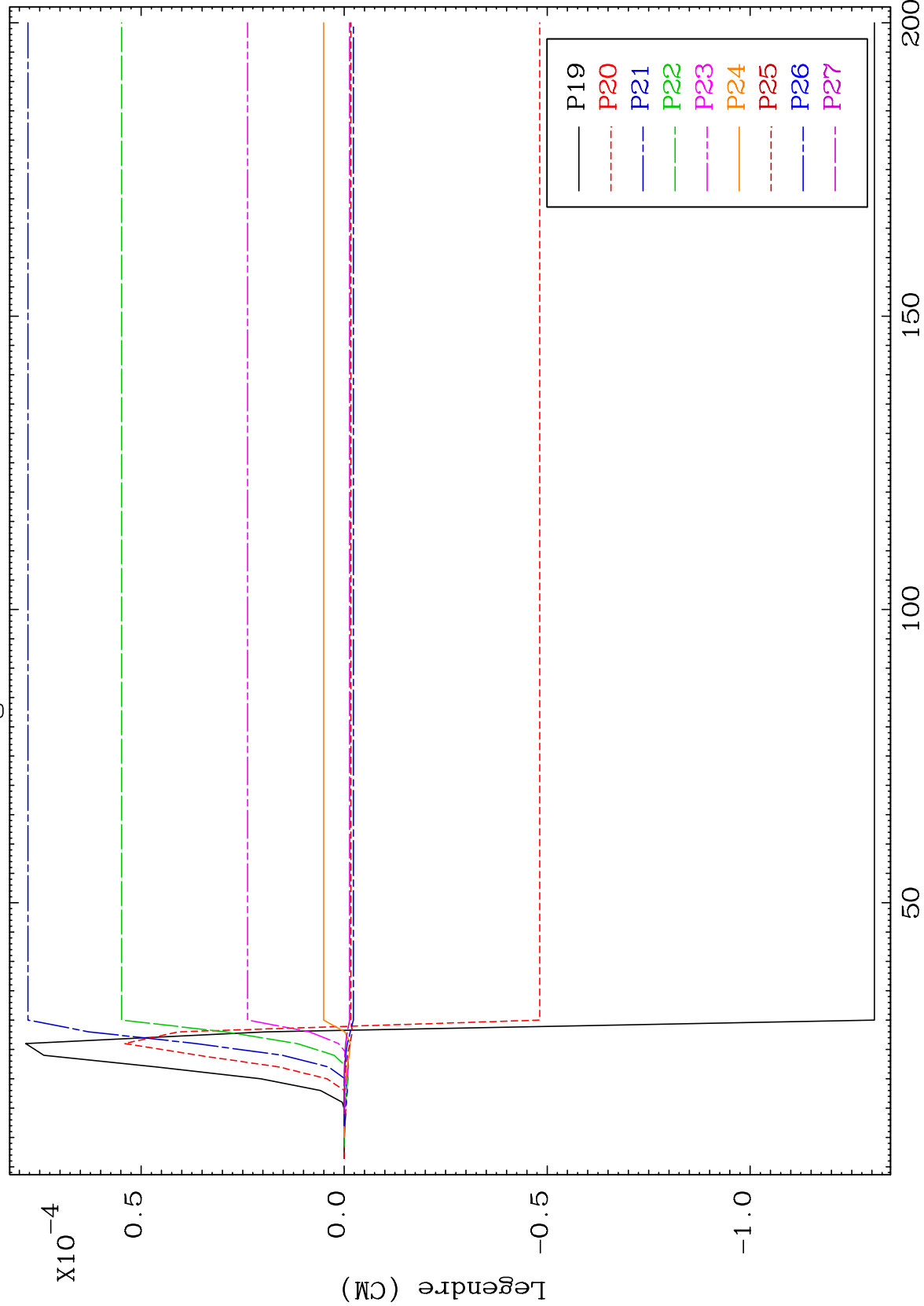




MAT 7122

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

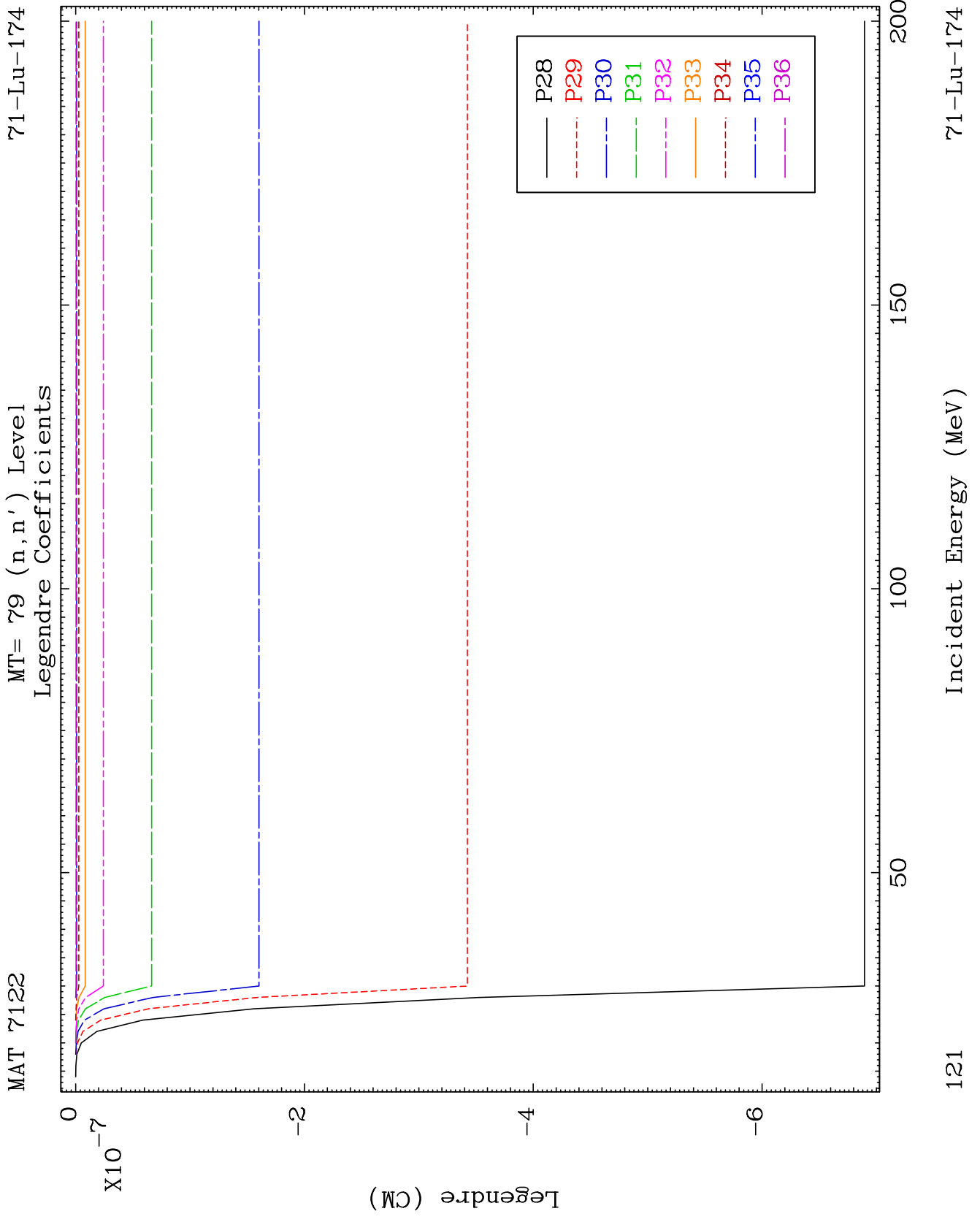
71-Lu-174

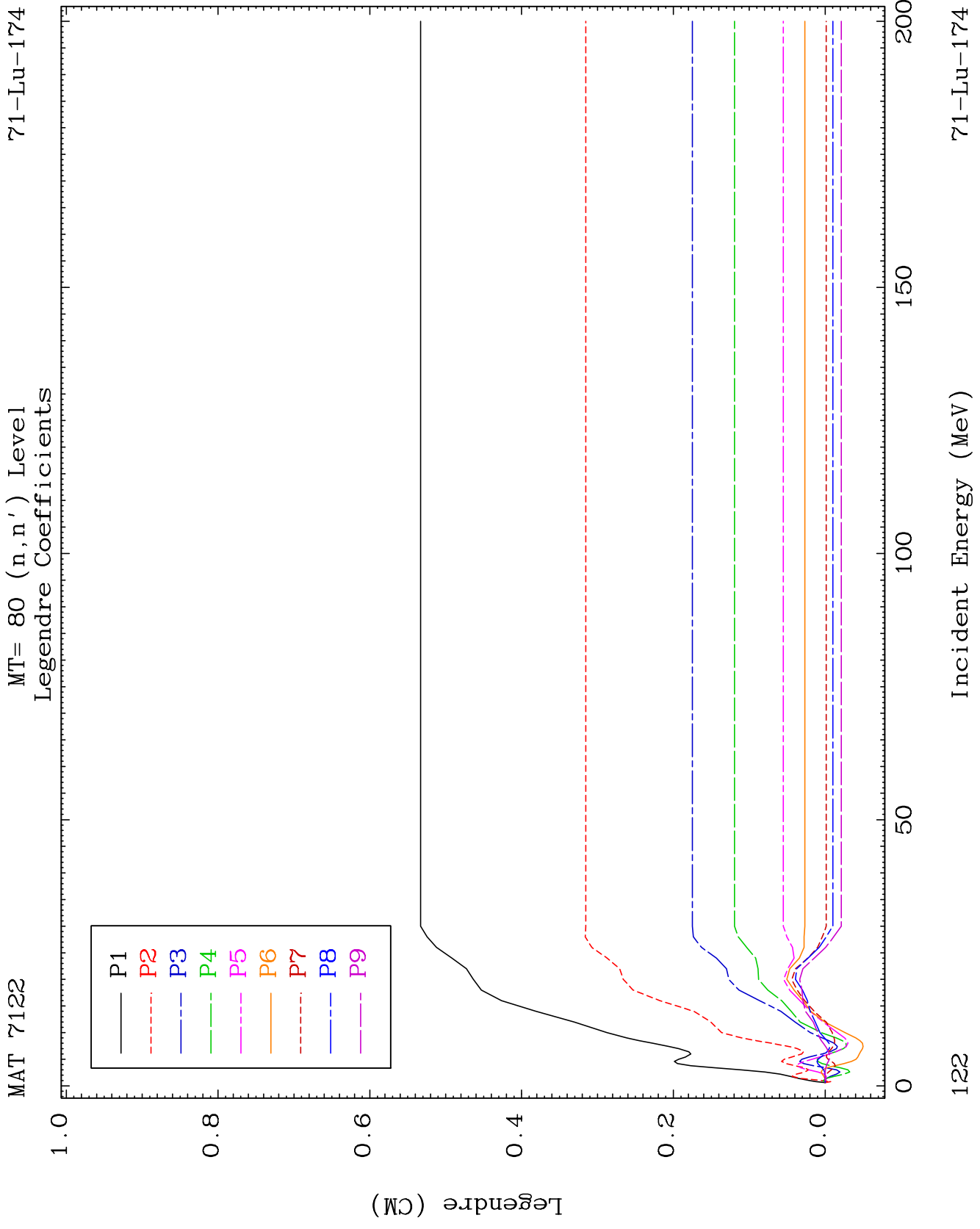


120

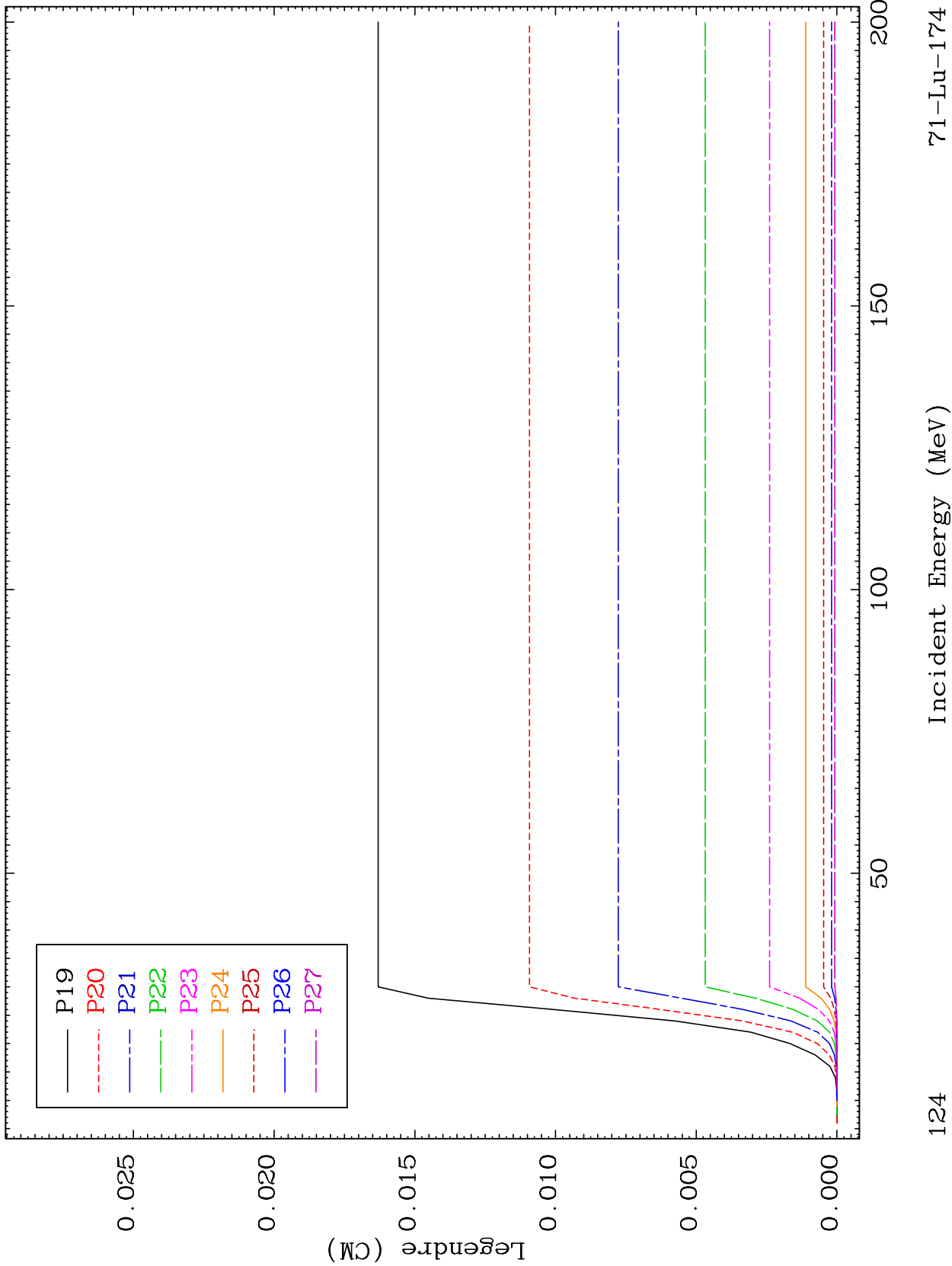
Incident Energy (MeV)

71-Lu-174





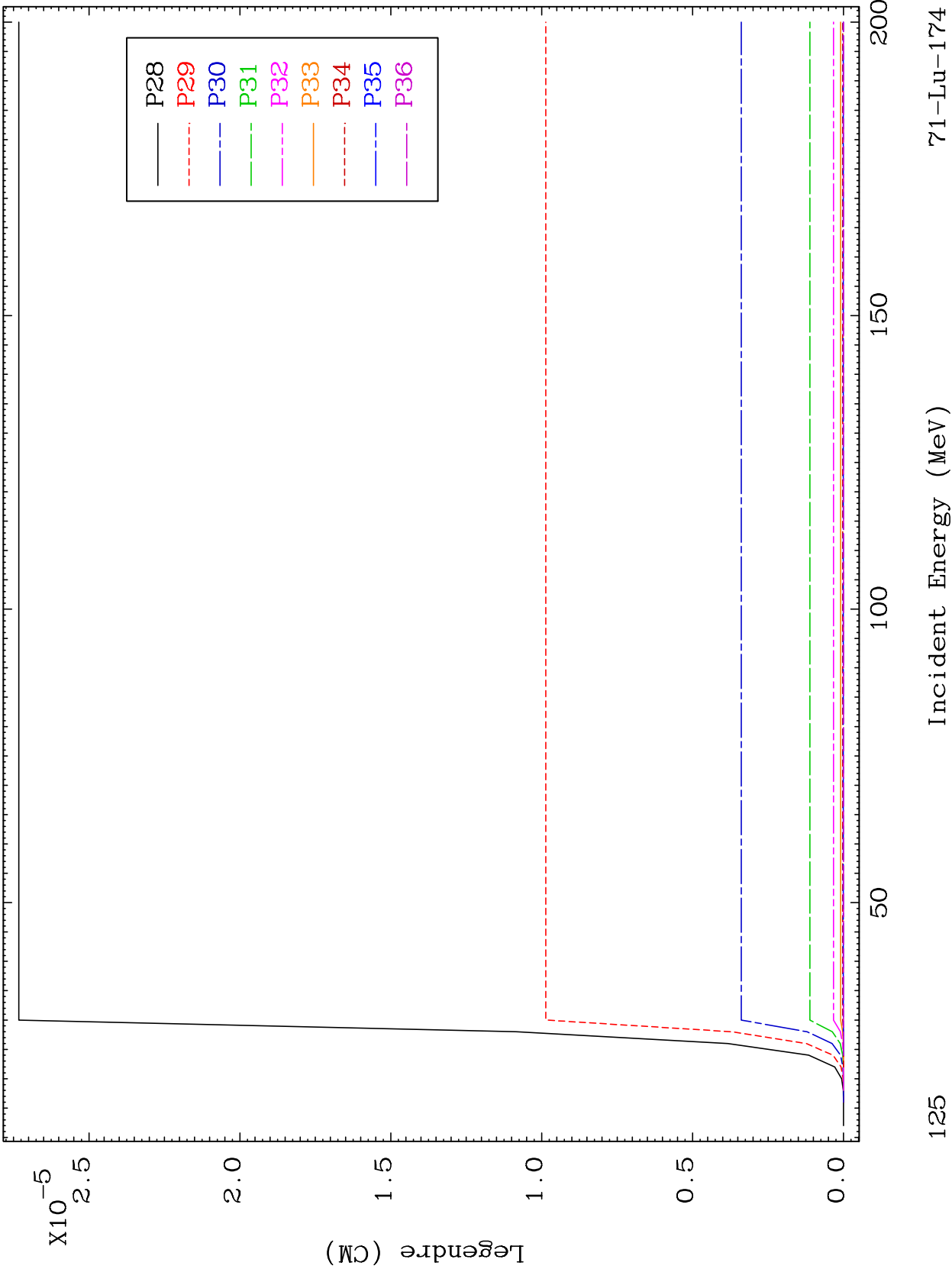




MAT 7122

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

71-Lu-174



125

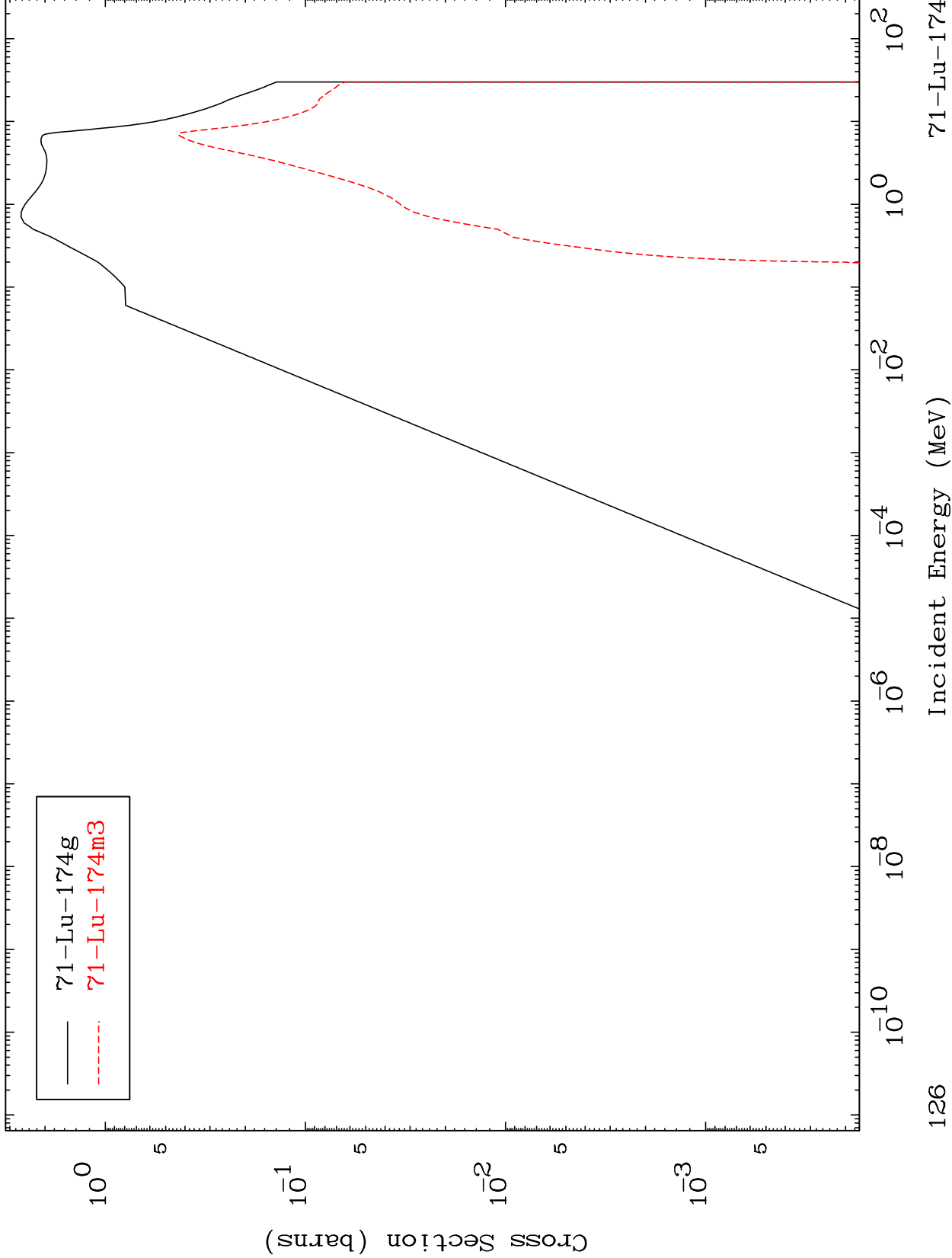
Incident Energy (MeV)

71-Lu-174

MAT 7122

Inelastic  
Radionuclide Production Cross Section

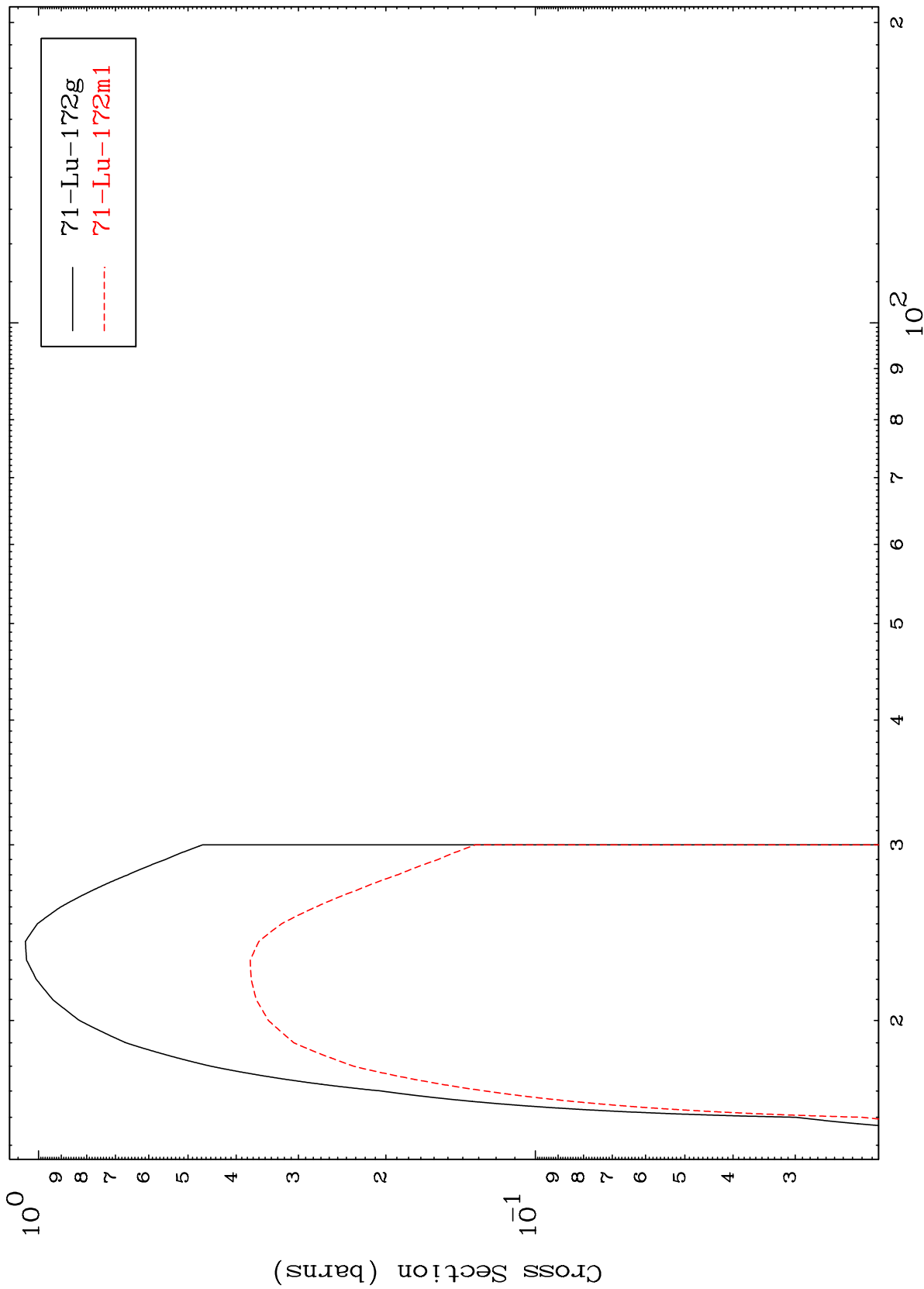
<sup>71</sup>Lu-174



MAT 7122

71-Lu-174

(n,3n)  
Radionuclide Production Cross Section



71-Lu-172g  
71-Lu-172m1

127

Incident Energy (MeV)

71-Lu-174

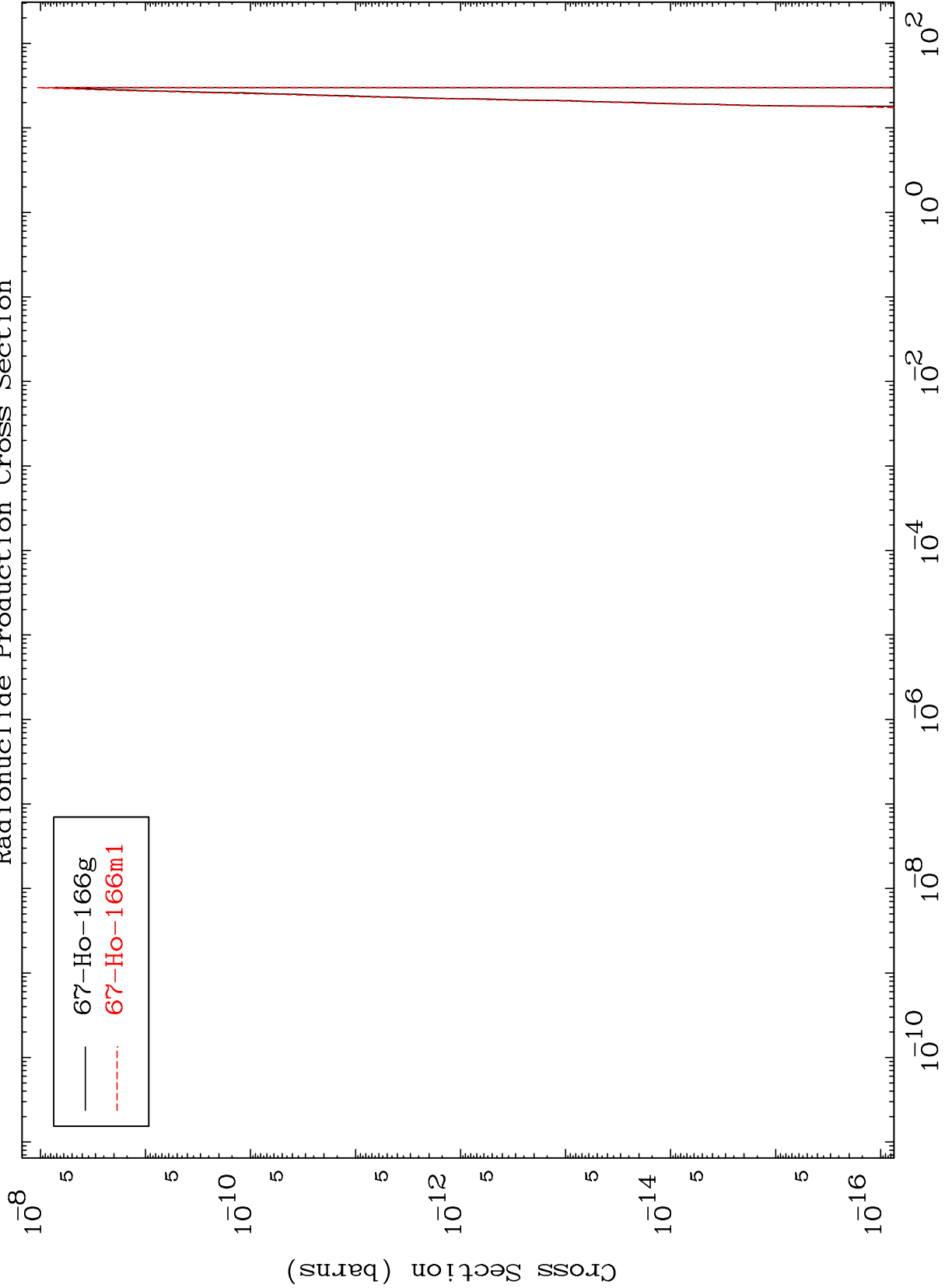


MAT 7122

(n,n') 2α

71-Lu-174

Radionuclide Production Cross Section



128

Incident Energy (MeV)

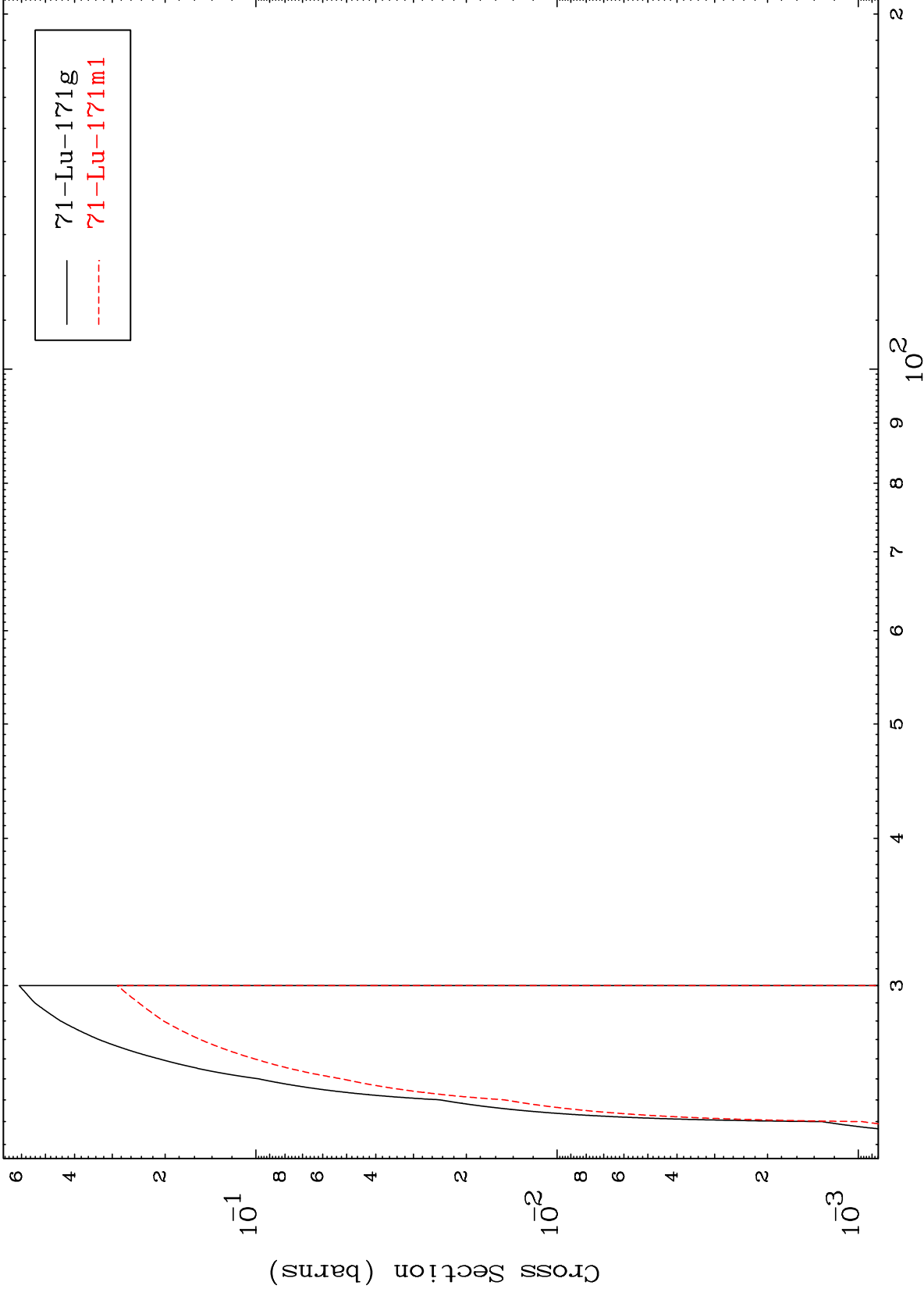
71-Lu-174

MAT 7122

(n,4n)

71-Lu-174

Radionuclide Production Cross Section



71-Lu-171g  
71-Lu-171m1

129

Incident Energy (MeV)

71-Lu-174