

Program EVALPLOT
(Version 2021-1)

by

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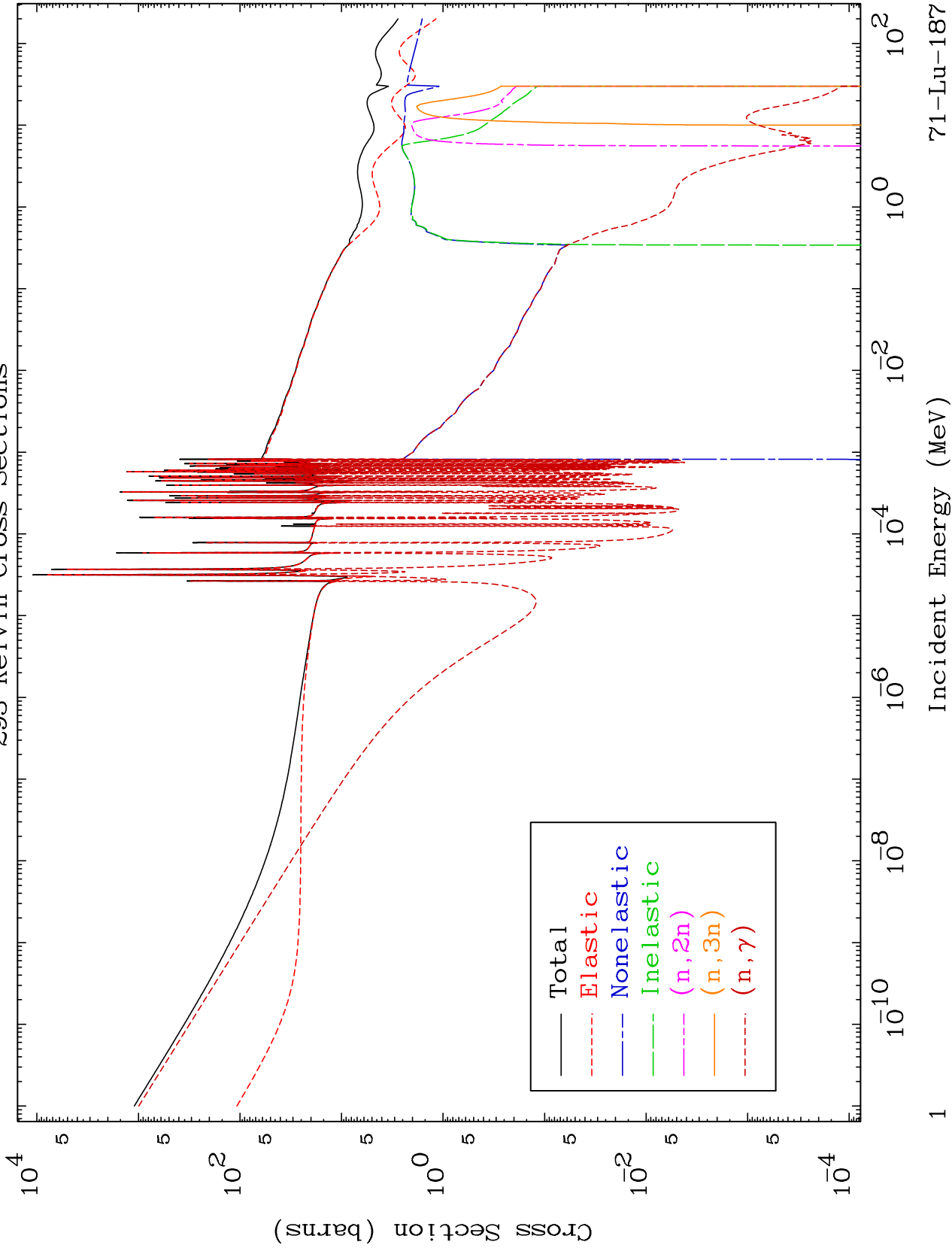
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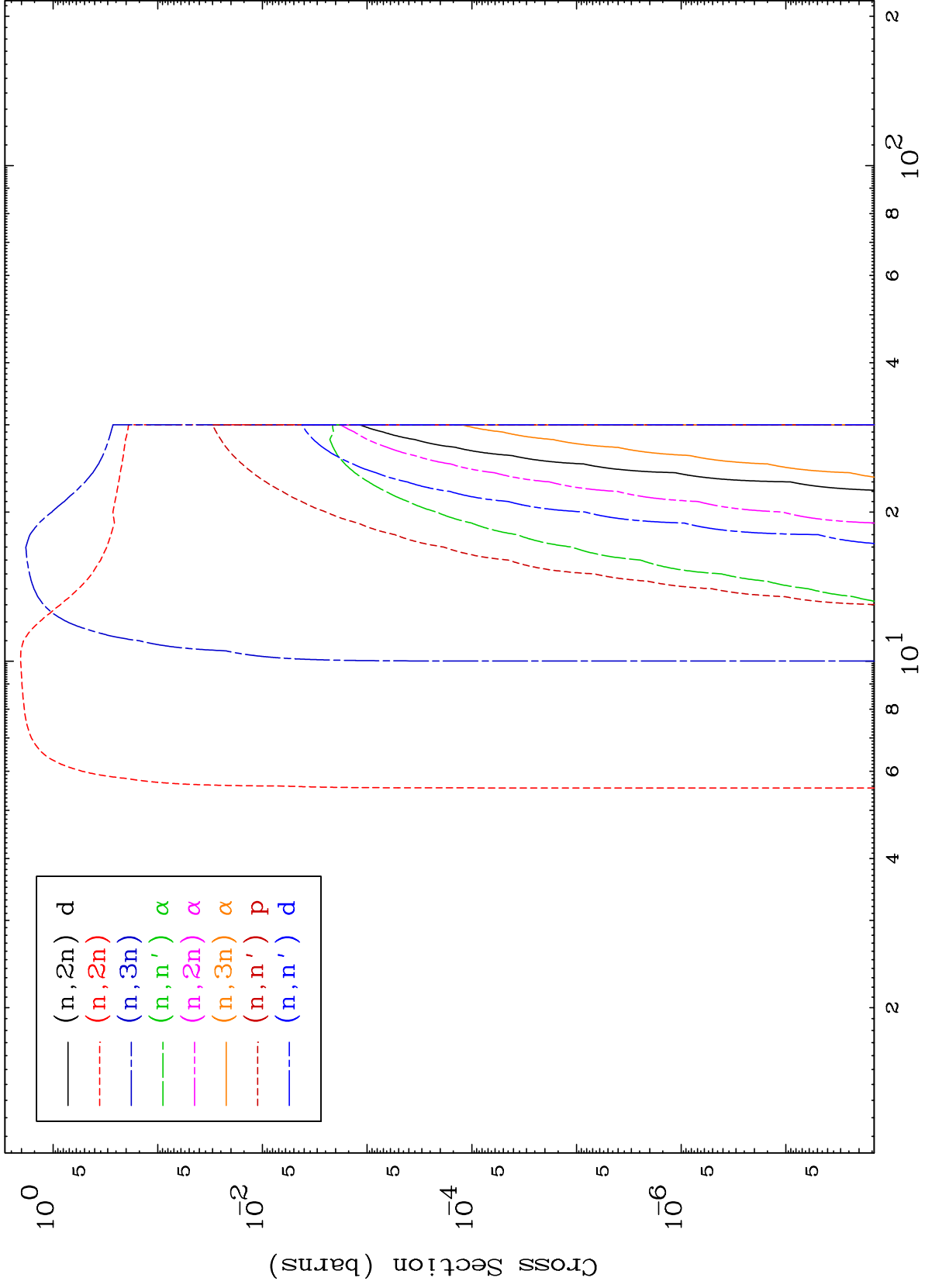
Press Mouse Button to Start

MAT 7161

Neutron Major
293 Kelvin Cross Sections

71-Lu-187

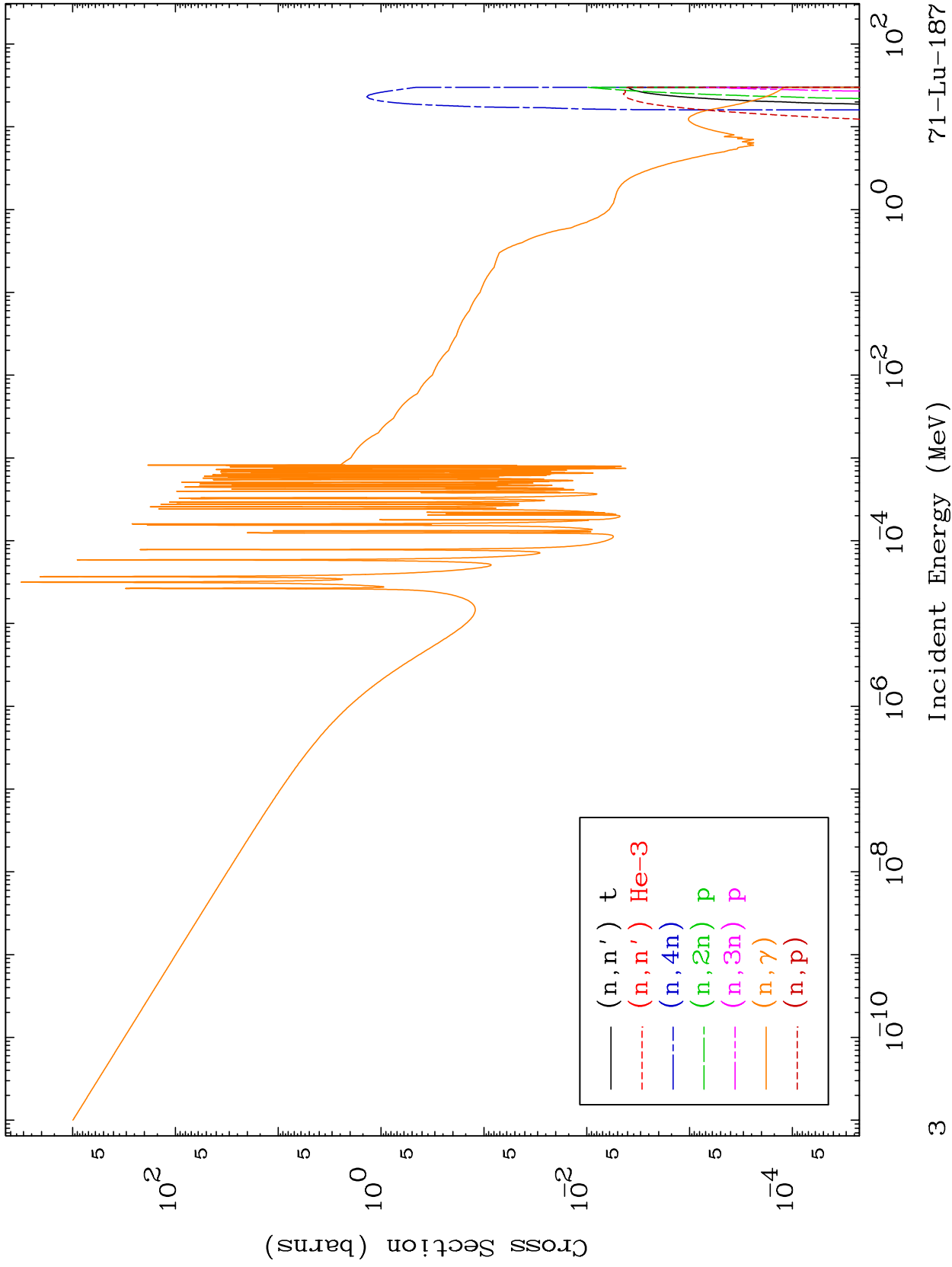




MAT 7161

Neutron Absorption
293 Kelvin Cross Sections

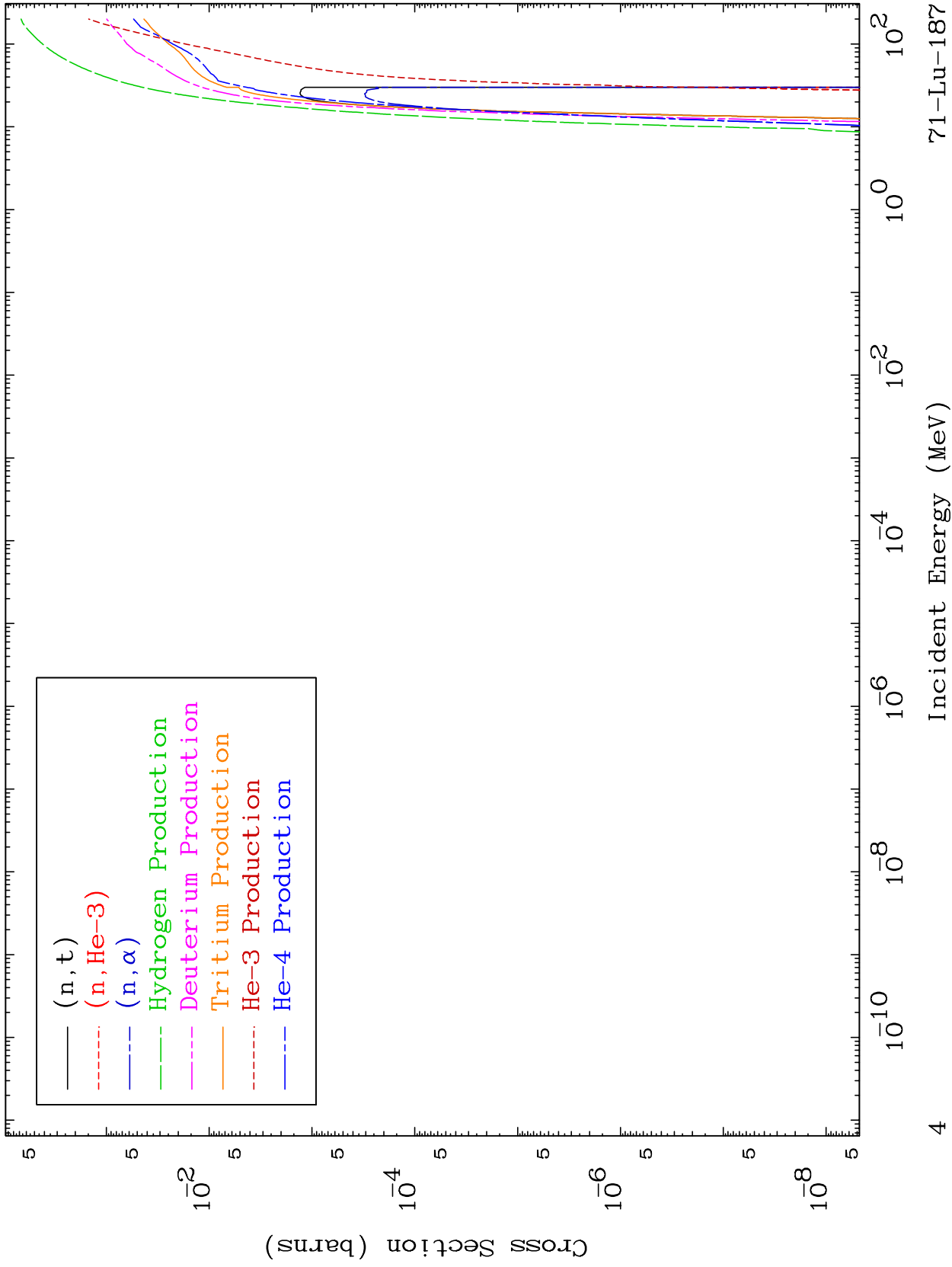
71-Lu-187

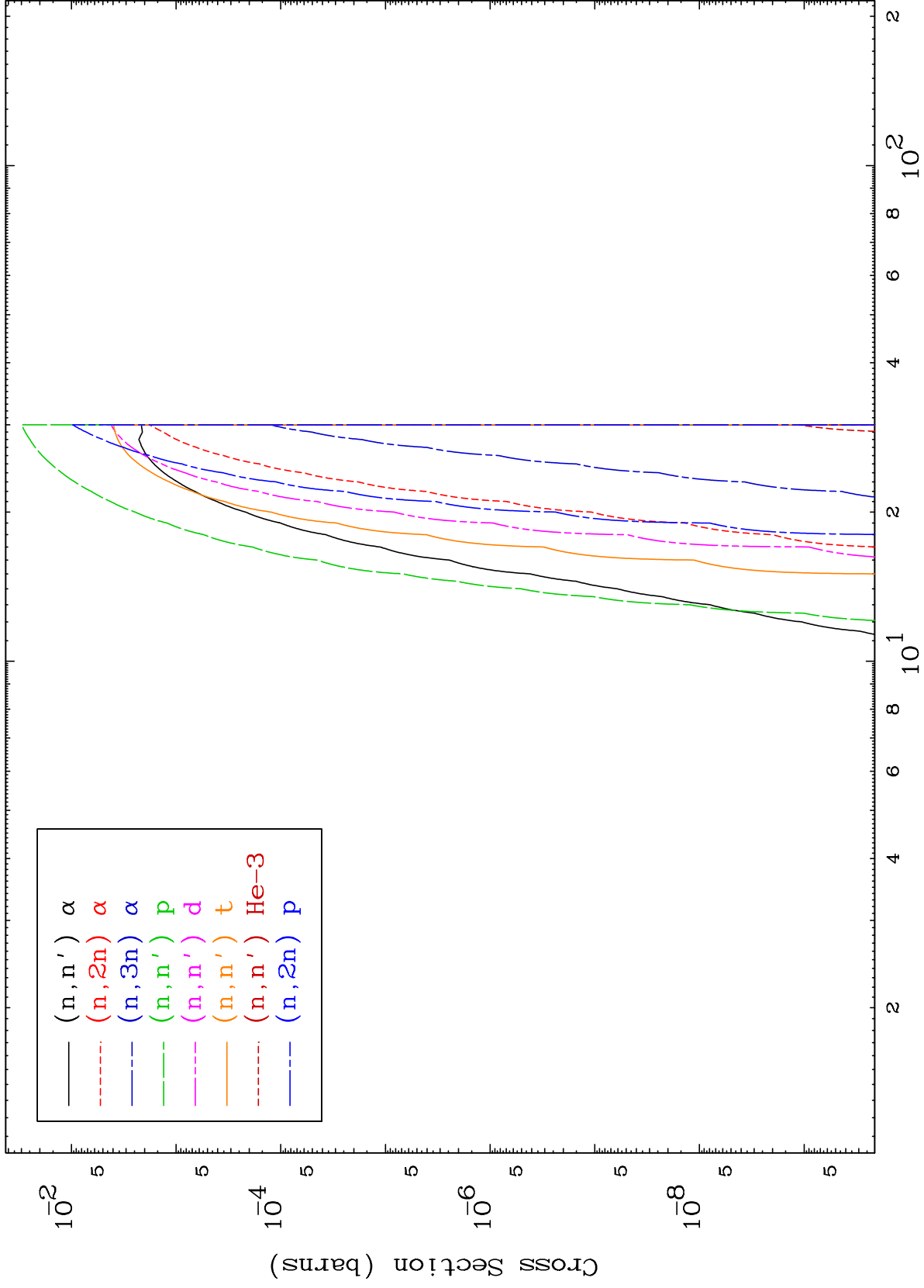


MAT 7161

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-187

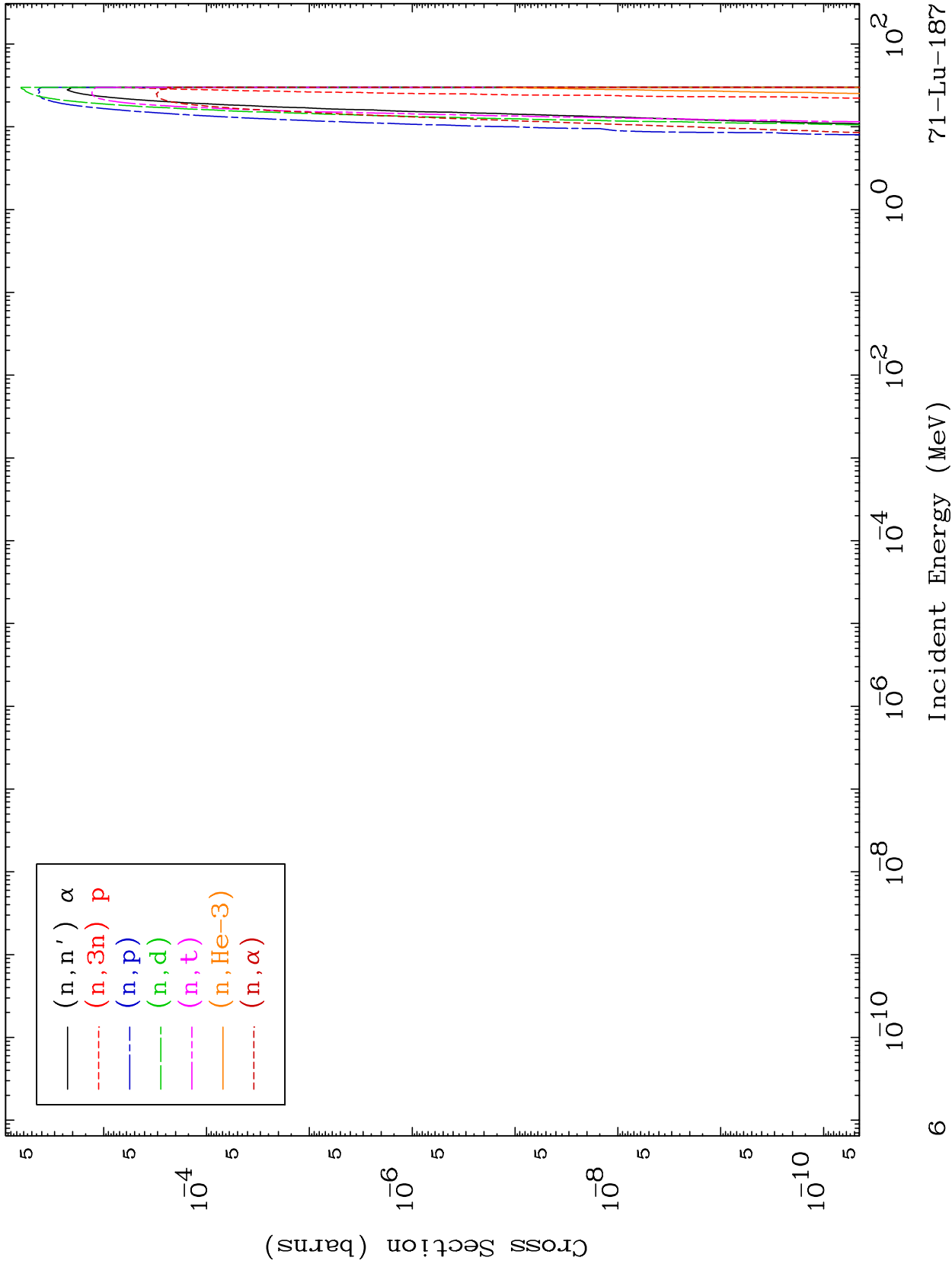




MAT 7161

Charged Particle
293 Kelvin Cross Sections

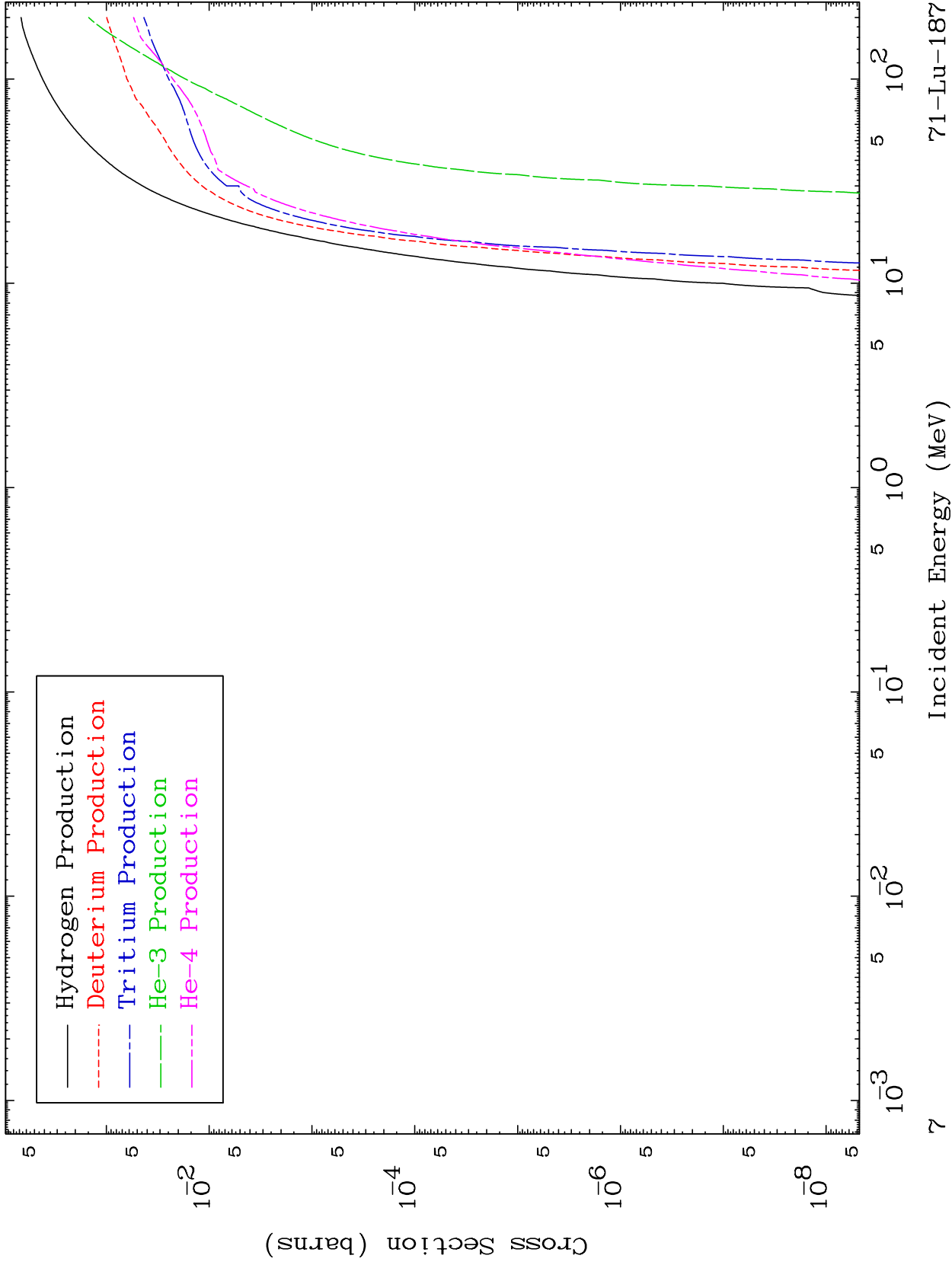
71-Lu-187



MAT 7161

Particle Production
293 Kelvin Cross Sections

71-Lu-187



71-Lu-187

Incident Energy (MeV)

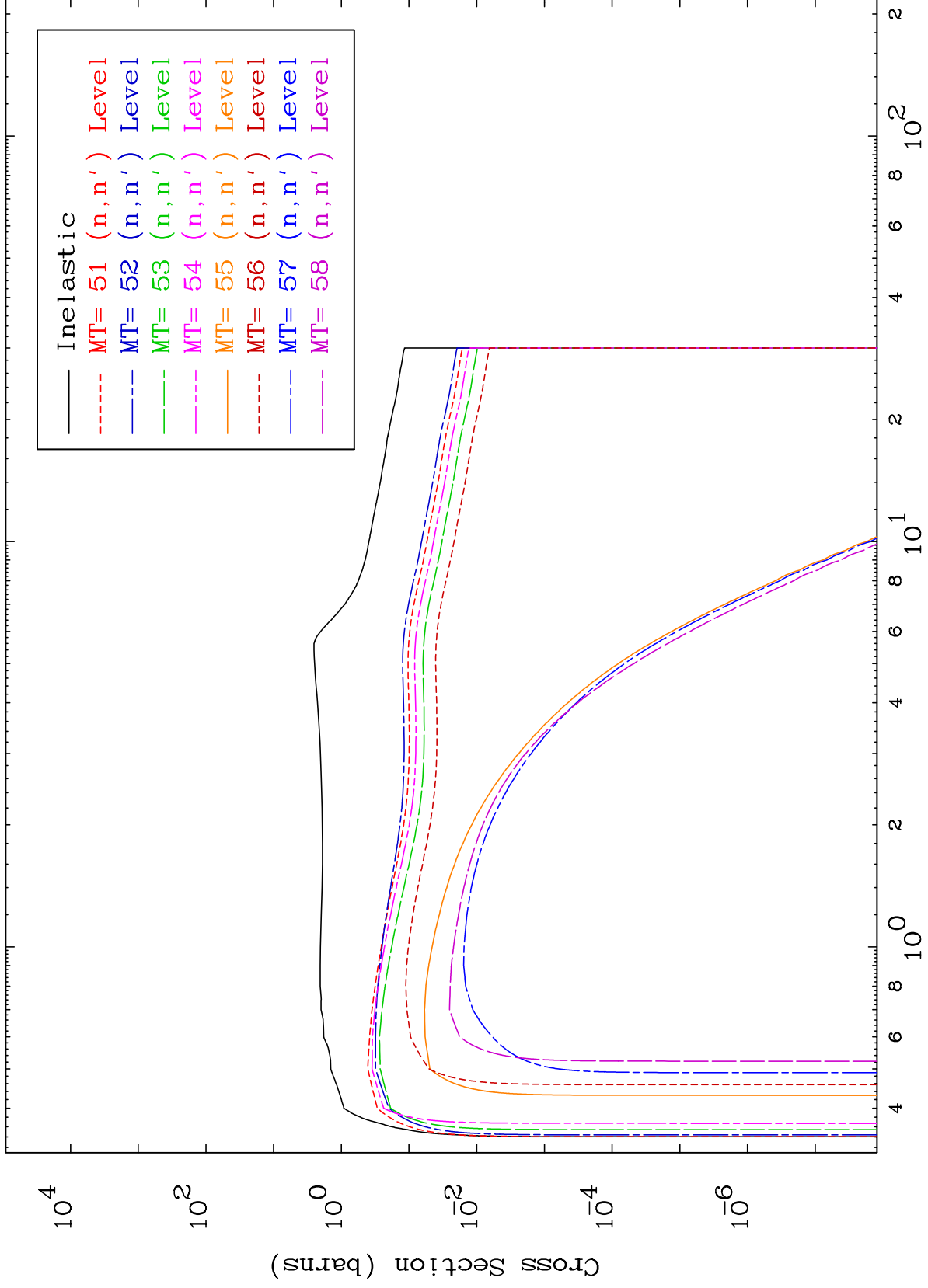
7

MAT 7161

(n,n') Levels

71-Lu-187

293 Kelvin Cross Sections

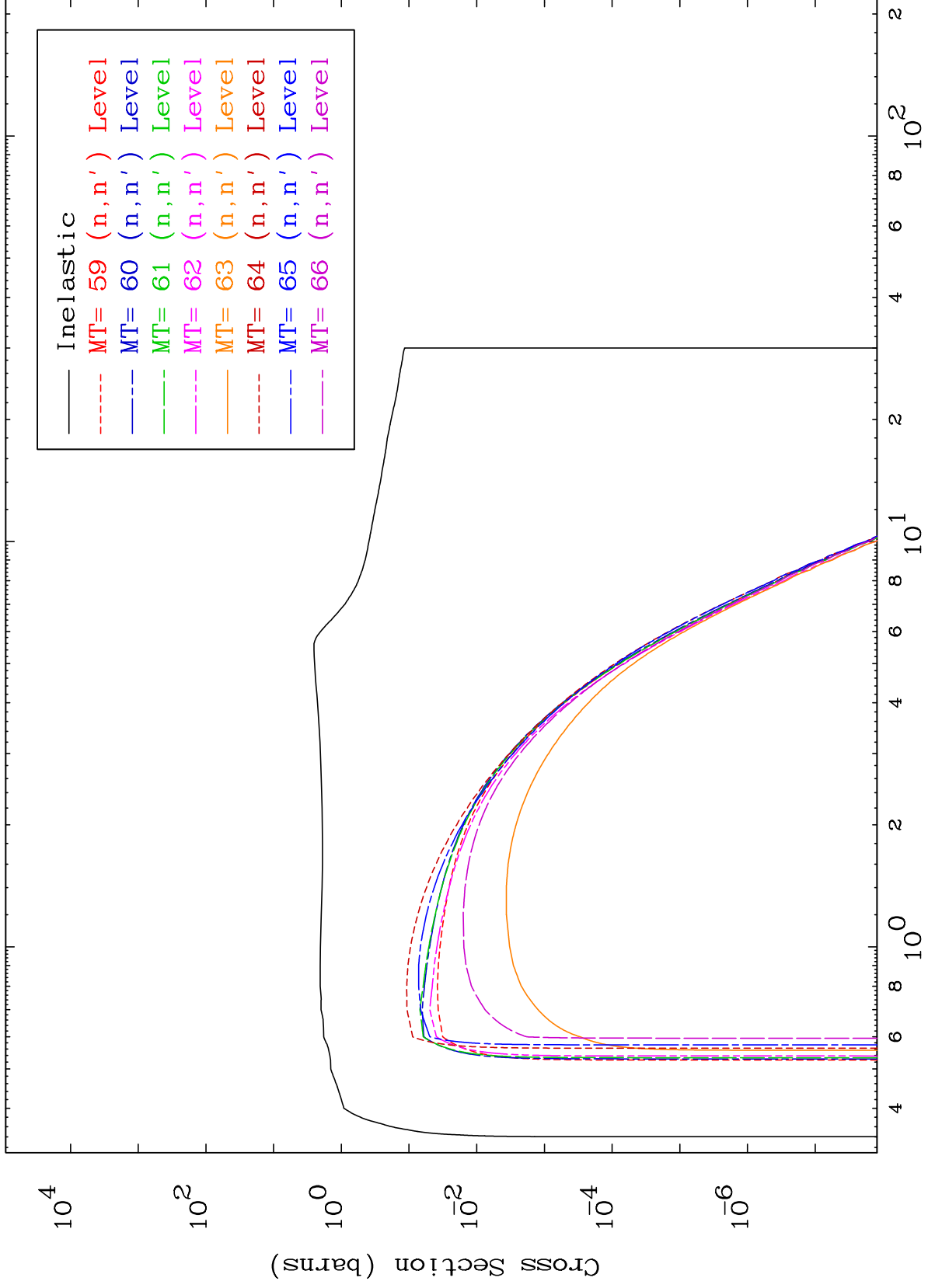


8

Incident Energy (MeV)

71-Lu-187

293 Kelvin Cross Sections

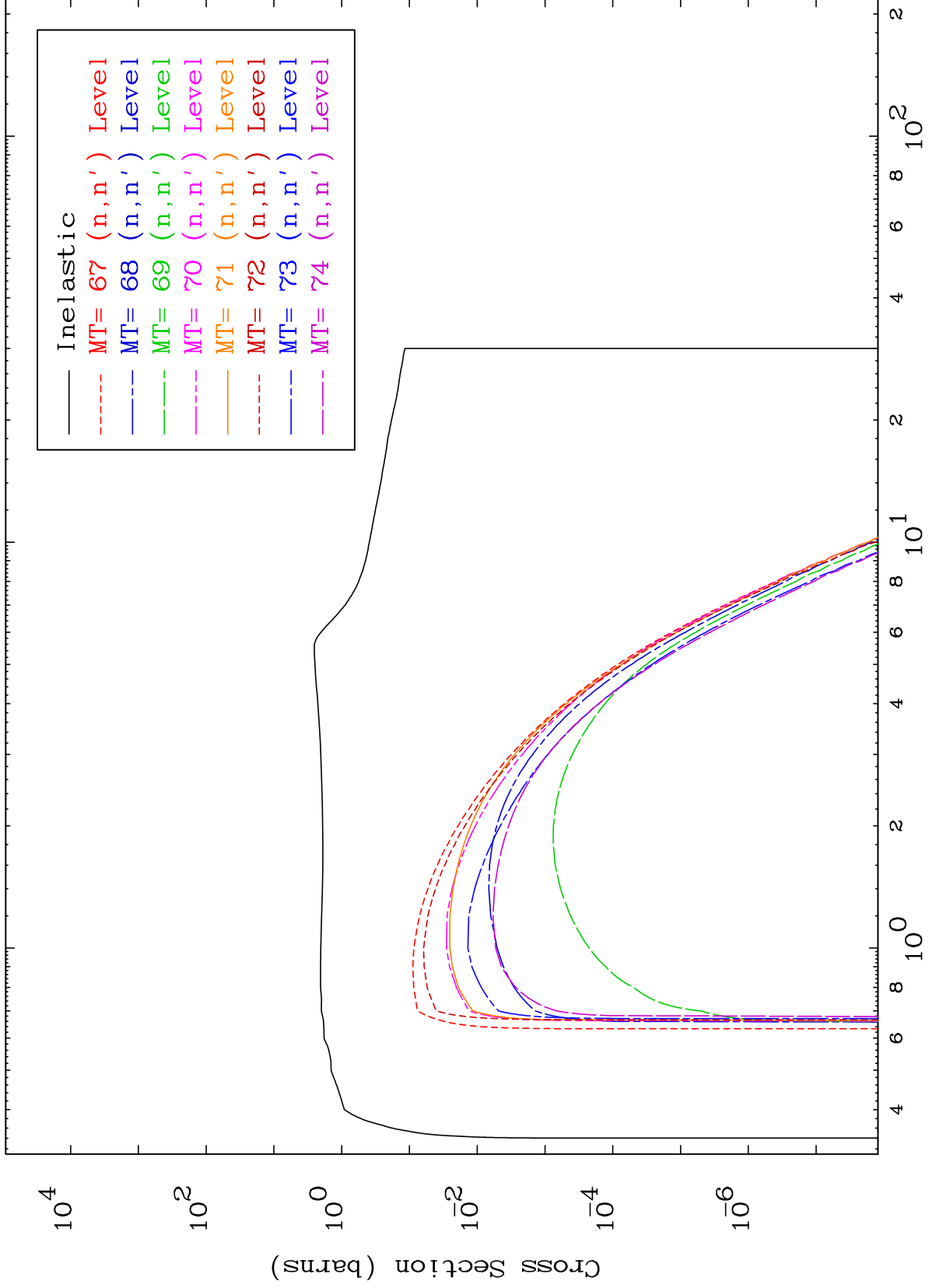


MAT 7161

(n,n') Levels

71-Lu-187

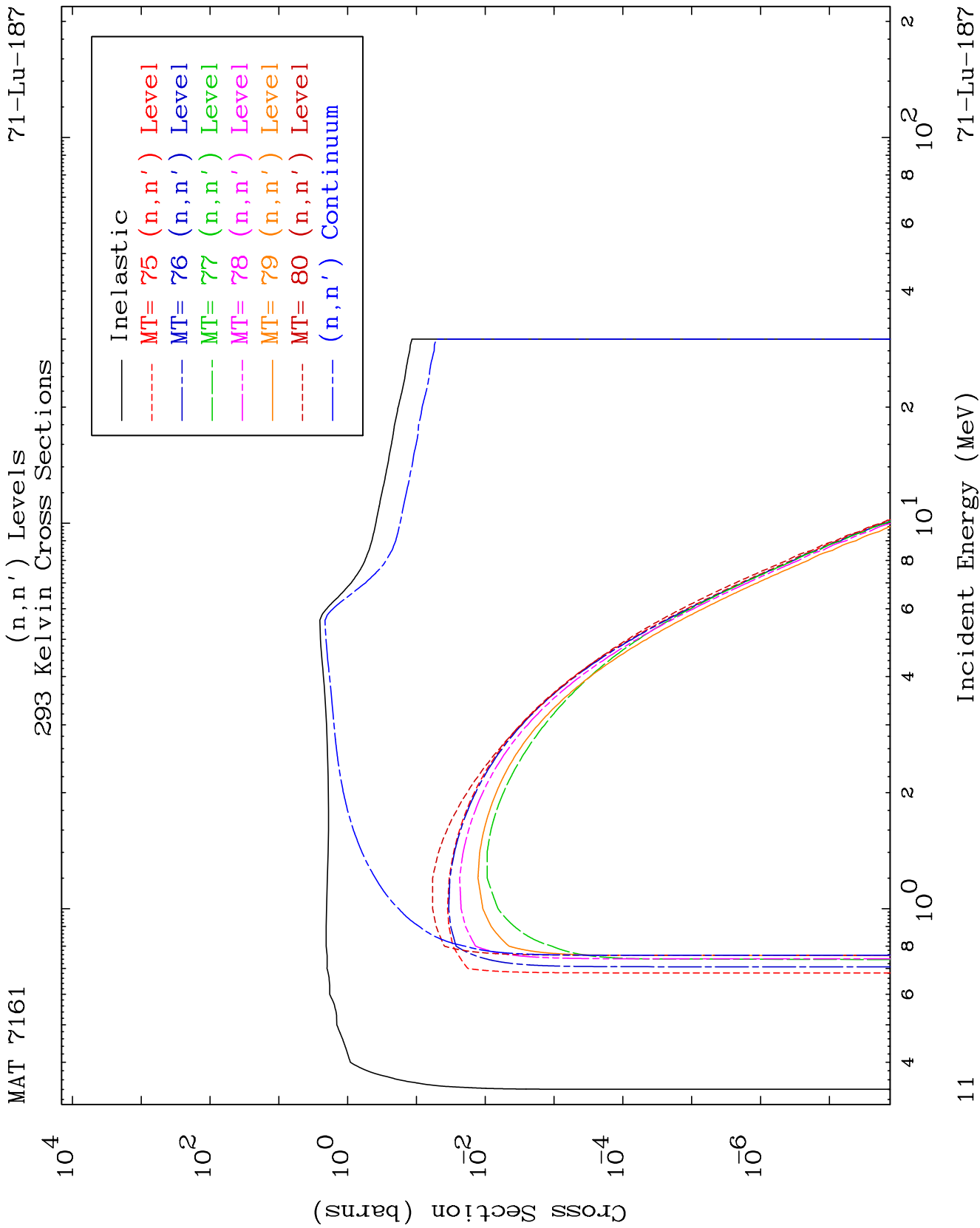
293 Kelvin Cross Sections



10

Incident Energy (MeV)

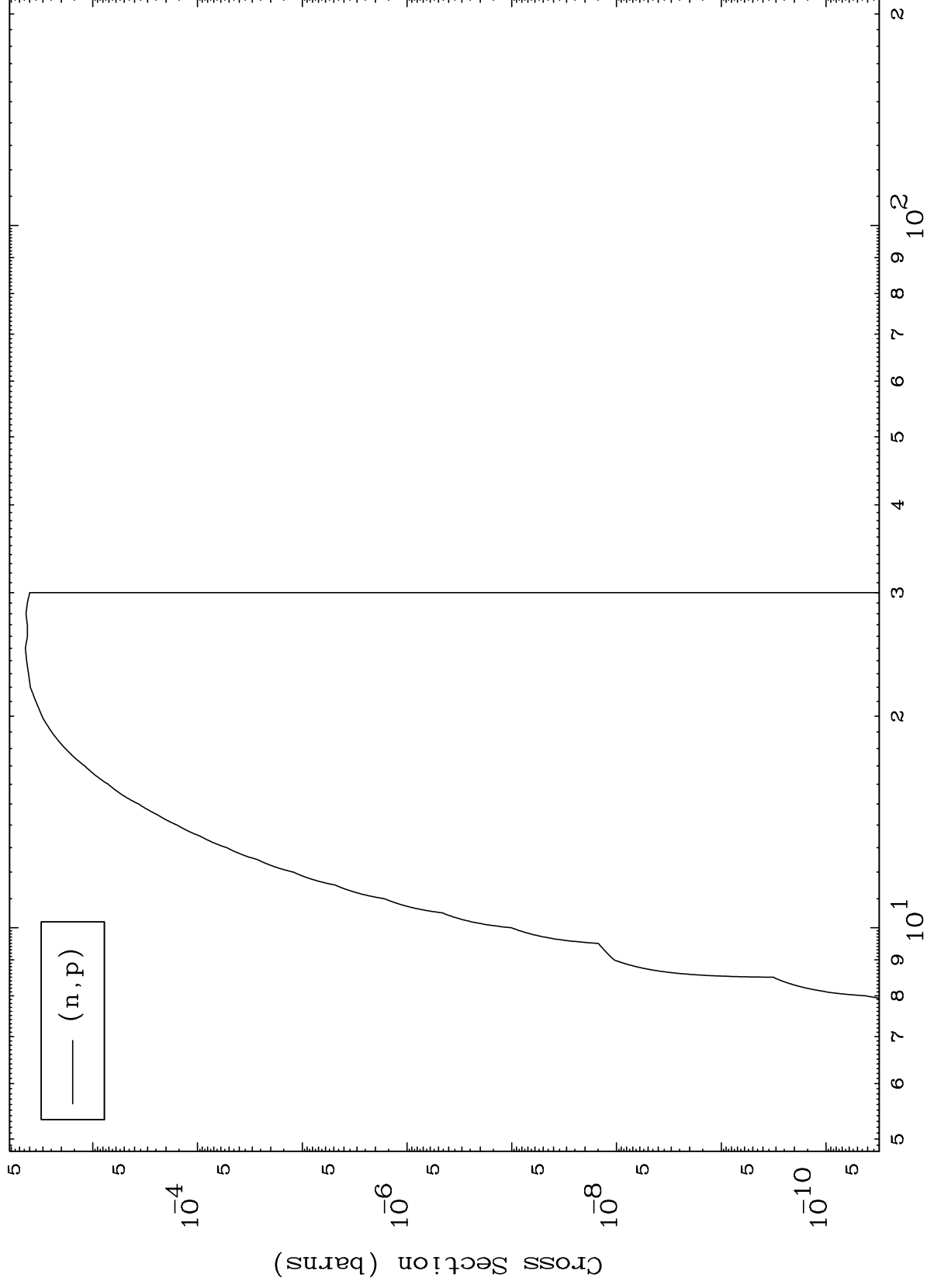
71-Lu-187



MAT 7161

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-187



12

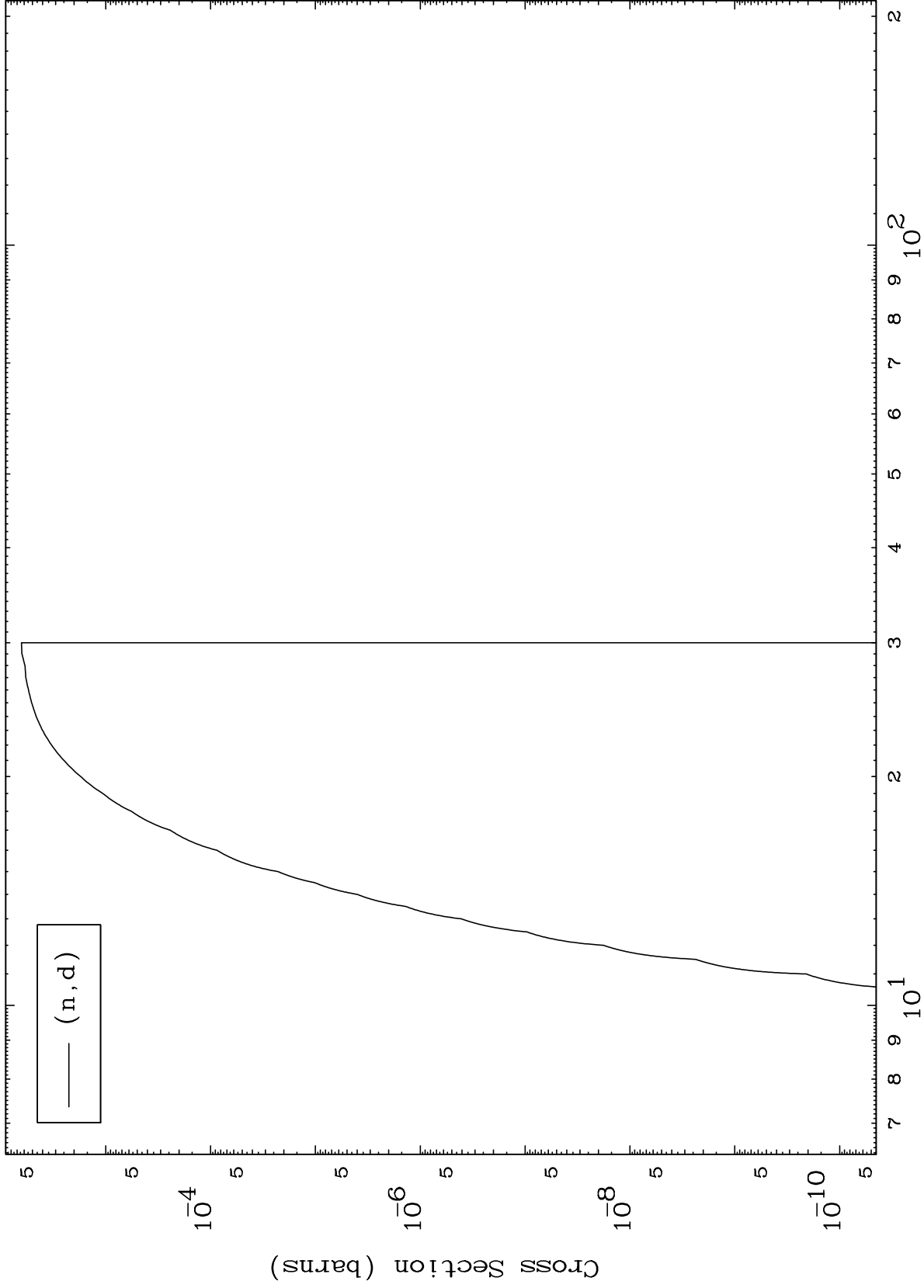
Incident Energy (MeV)

71-Lu-187

MAT 7161

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-187



13

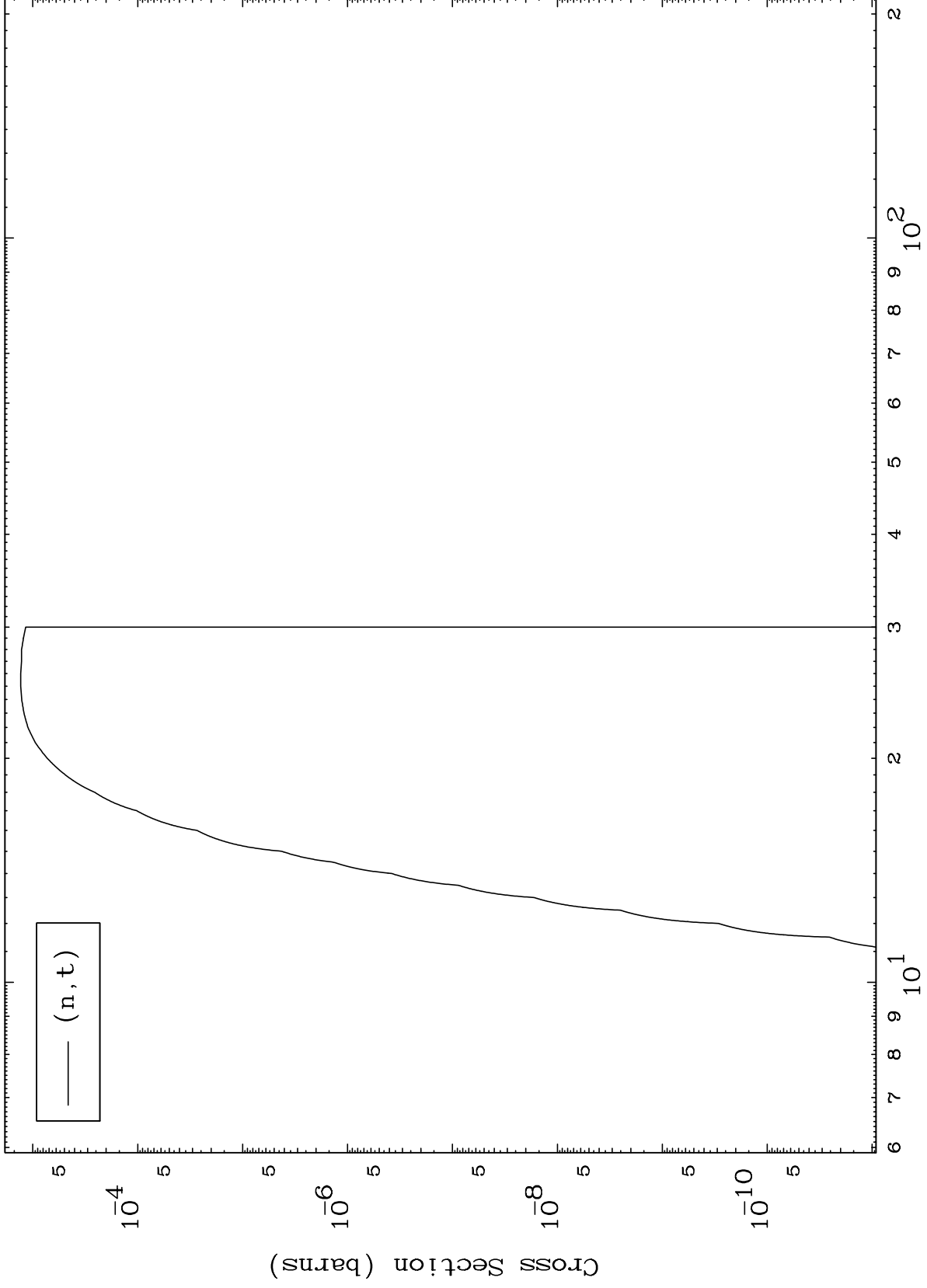
Incident Energy (MeV)

71-Lu-187

MAT 7161

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-187



14

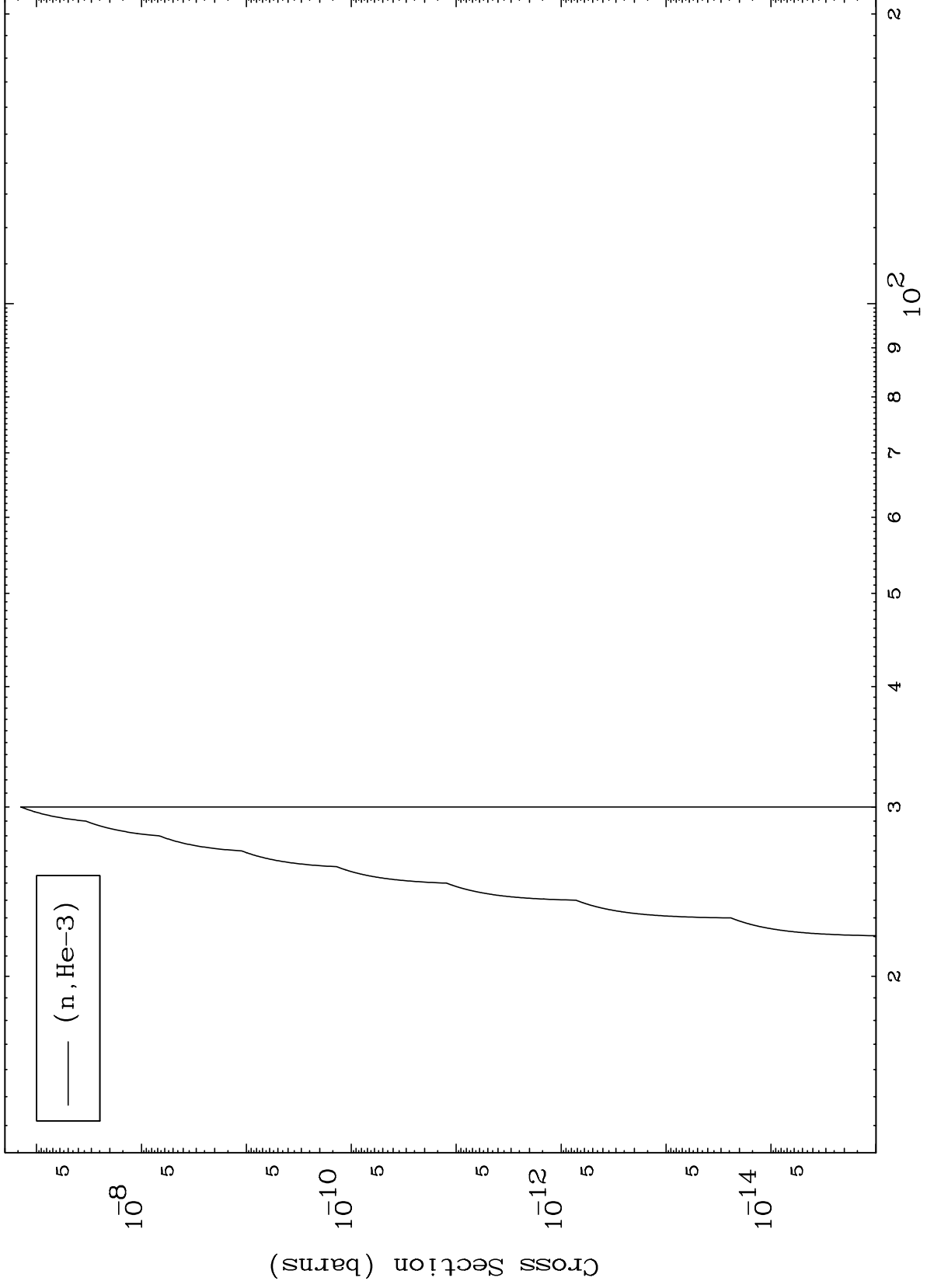
Incident Energy (MeV)

71-Lu-187

MAT 7161

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-187



15

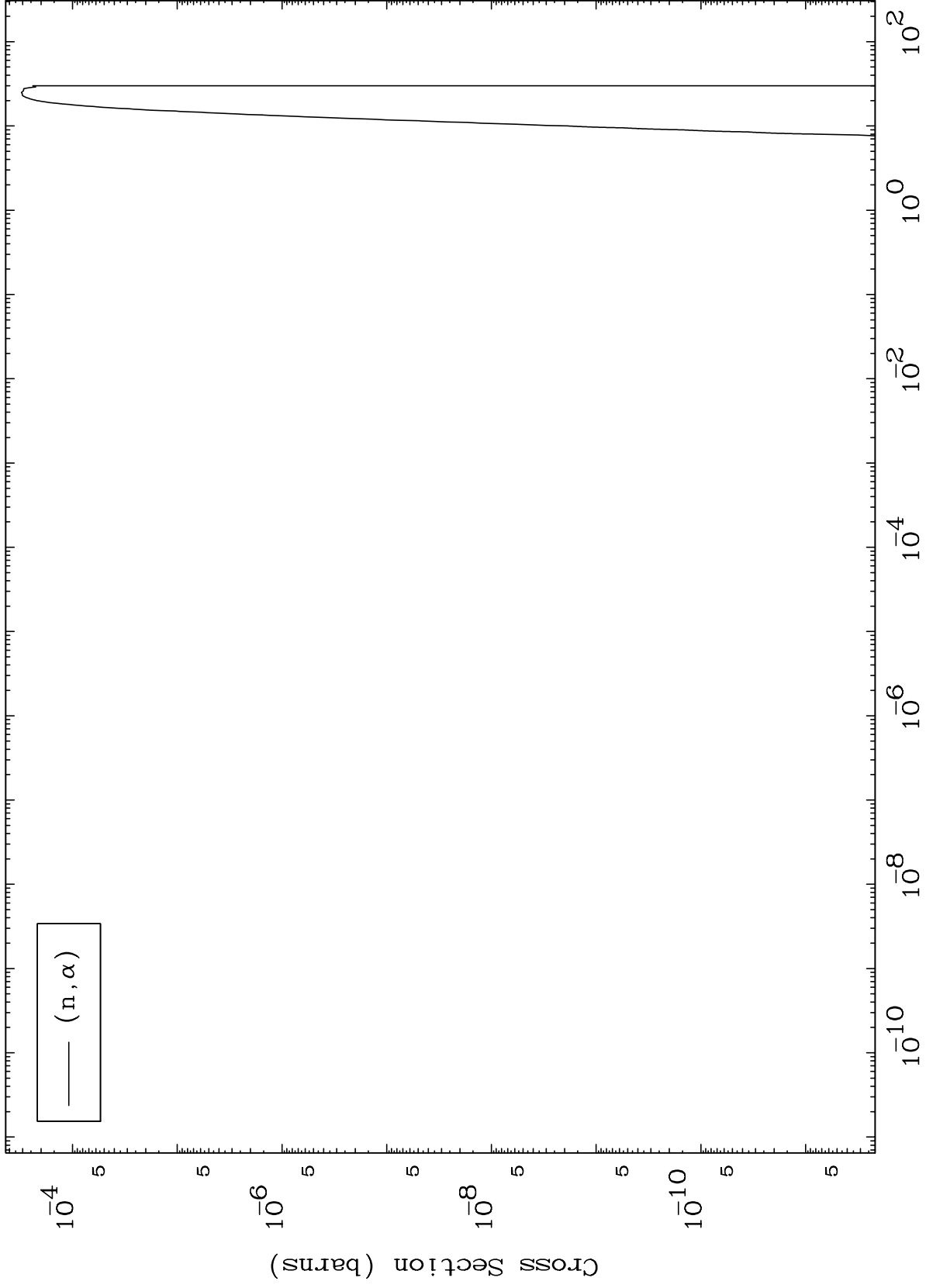
Incident Energy (MeV)

71-Lu-187

MAT 7161

(n, α) Levels
293 Kelvin Cross Sections

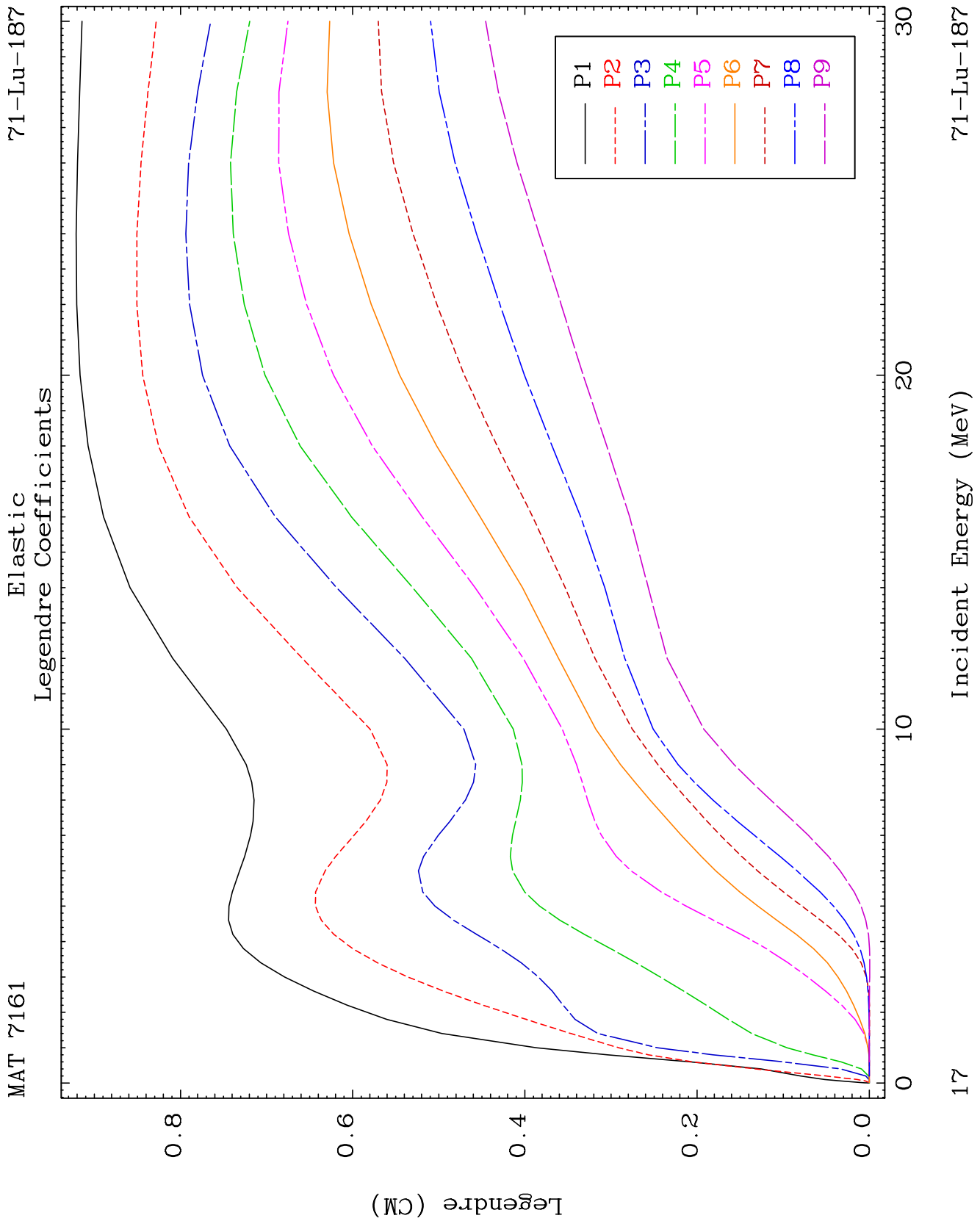
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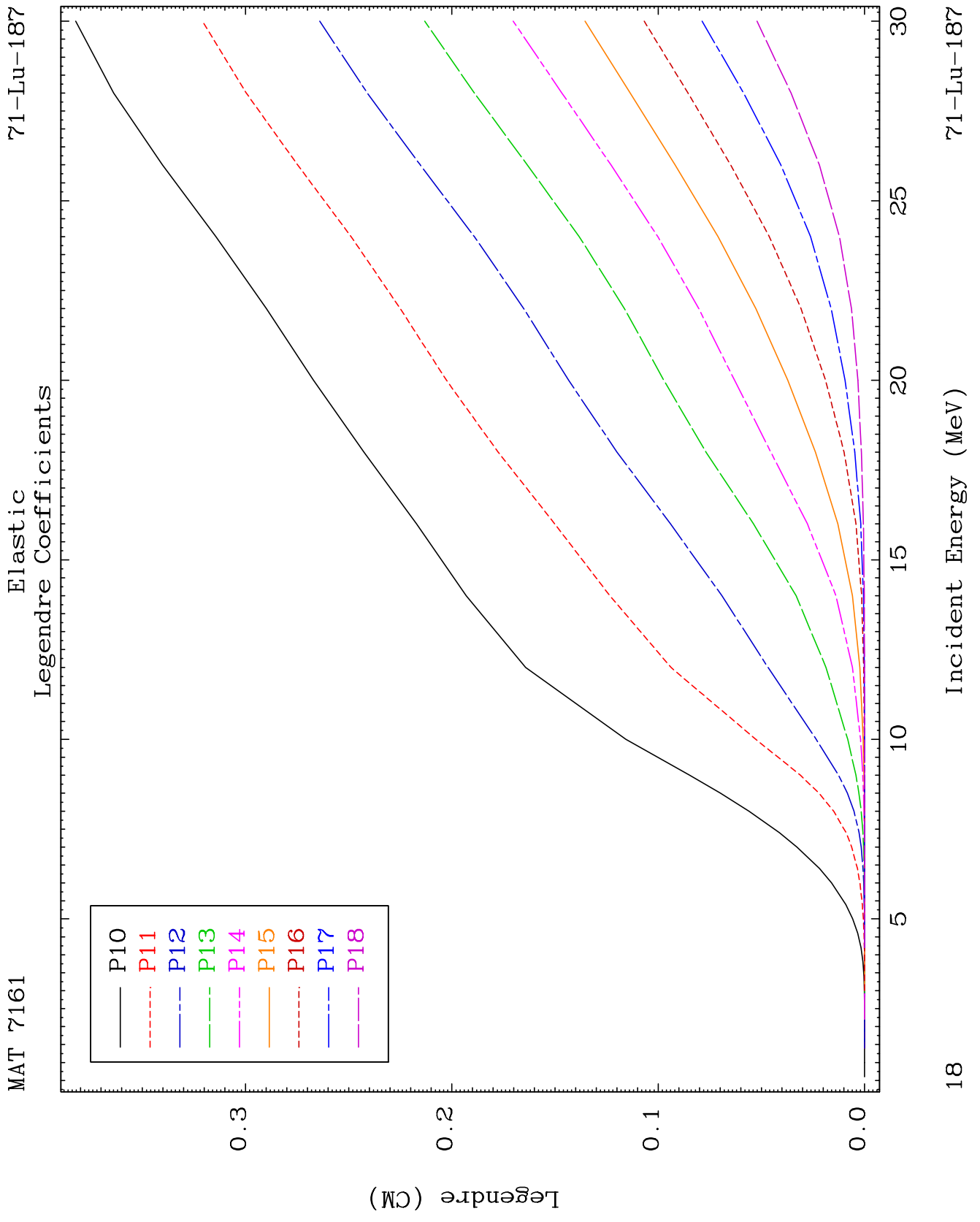


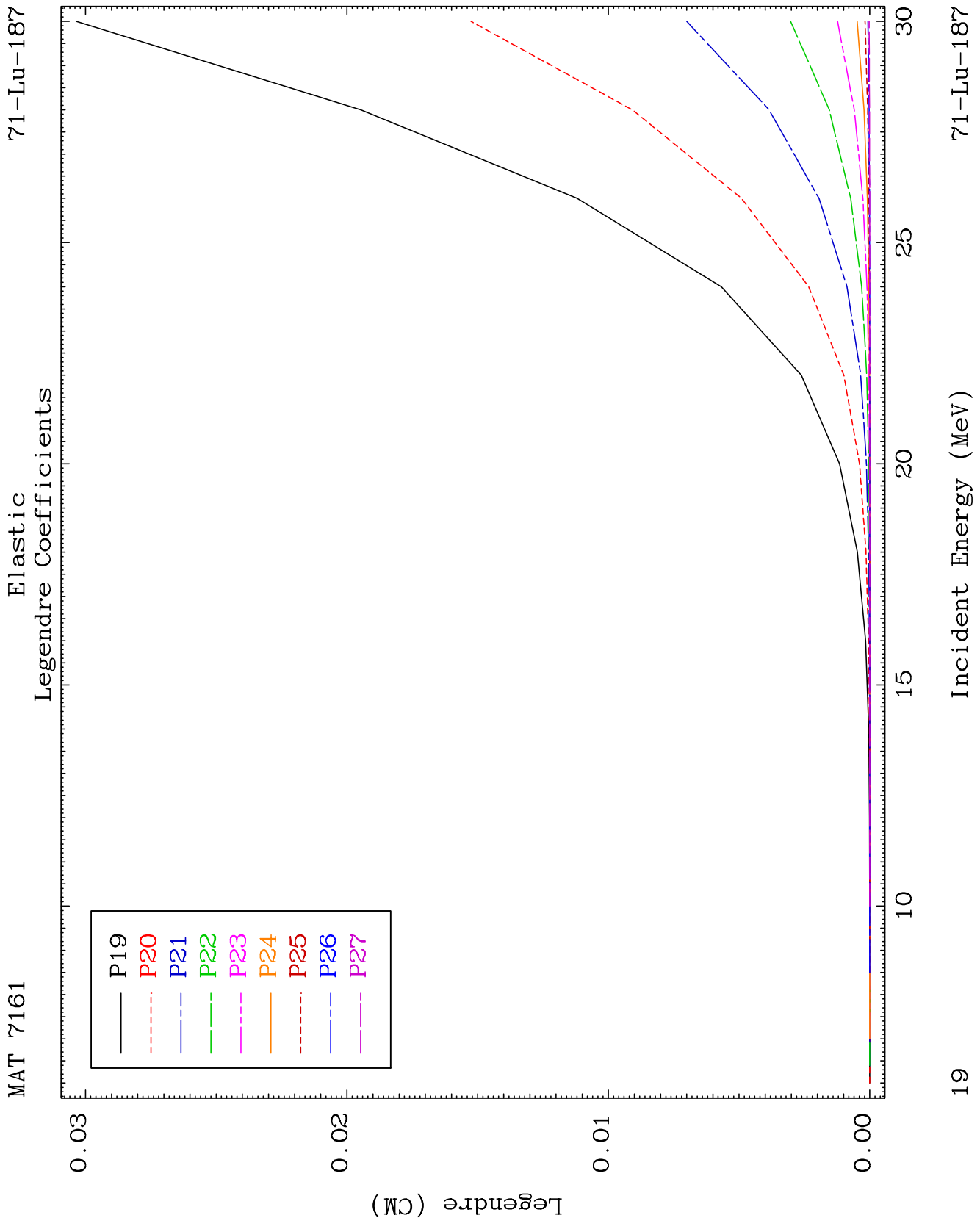
16

Incident Energy (MeV)

71-Lu-187







MAT 7161

Elastic Legendre Coefficients

⁷¹Lu-187

- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

19

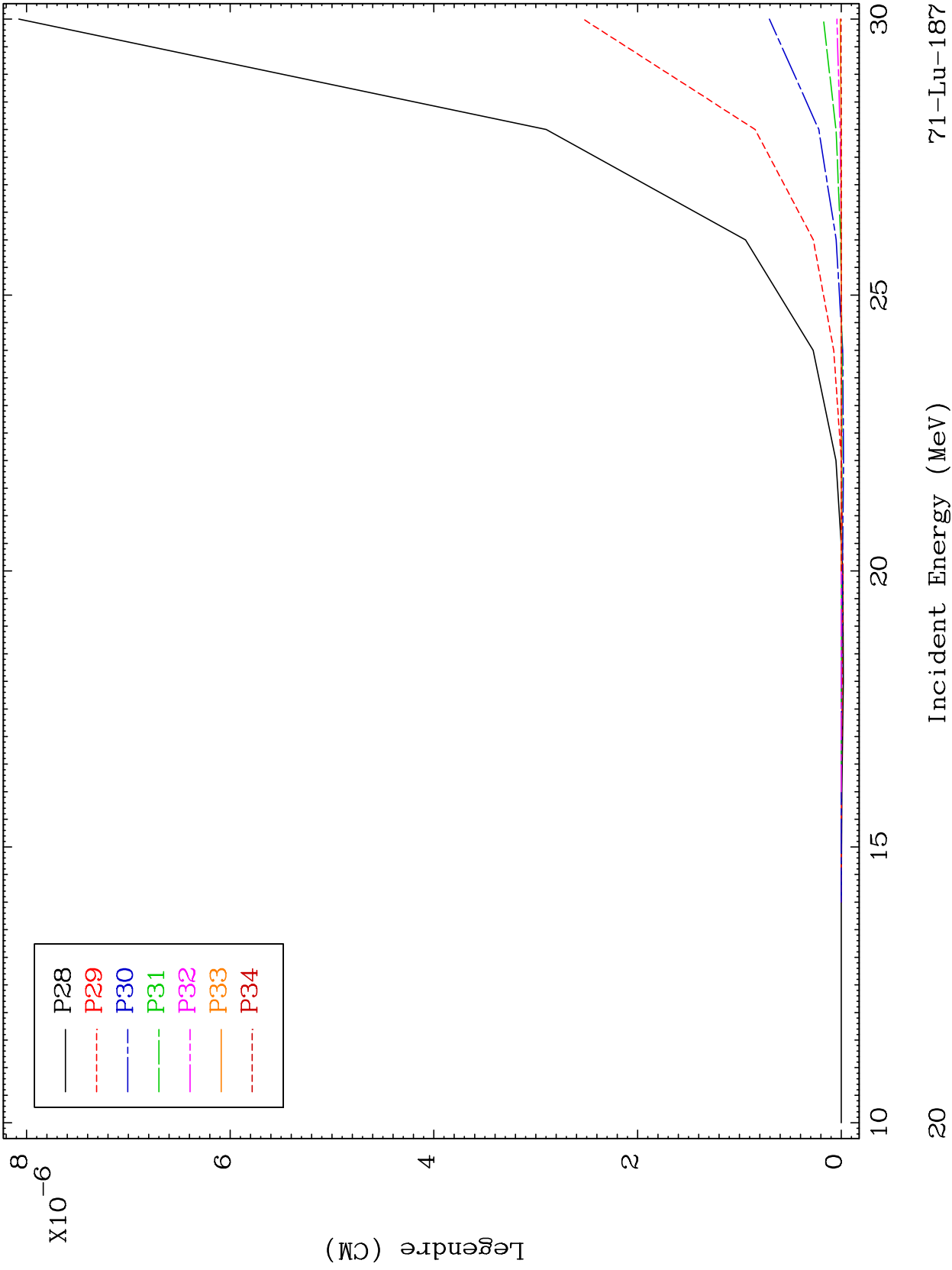
Incident Energy (MeV)

⁷¹Lu-187

MAT 7161

Elastic Legendre Coefficients

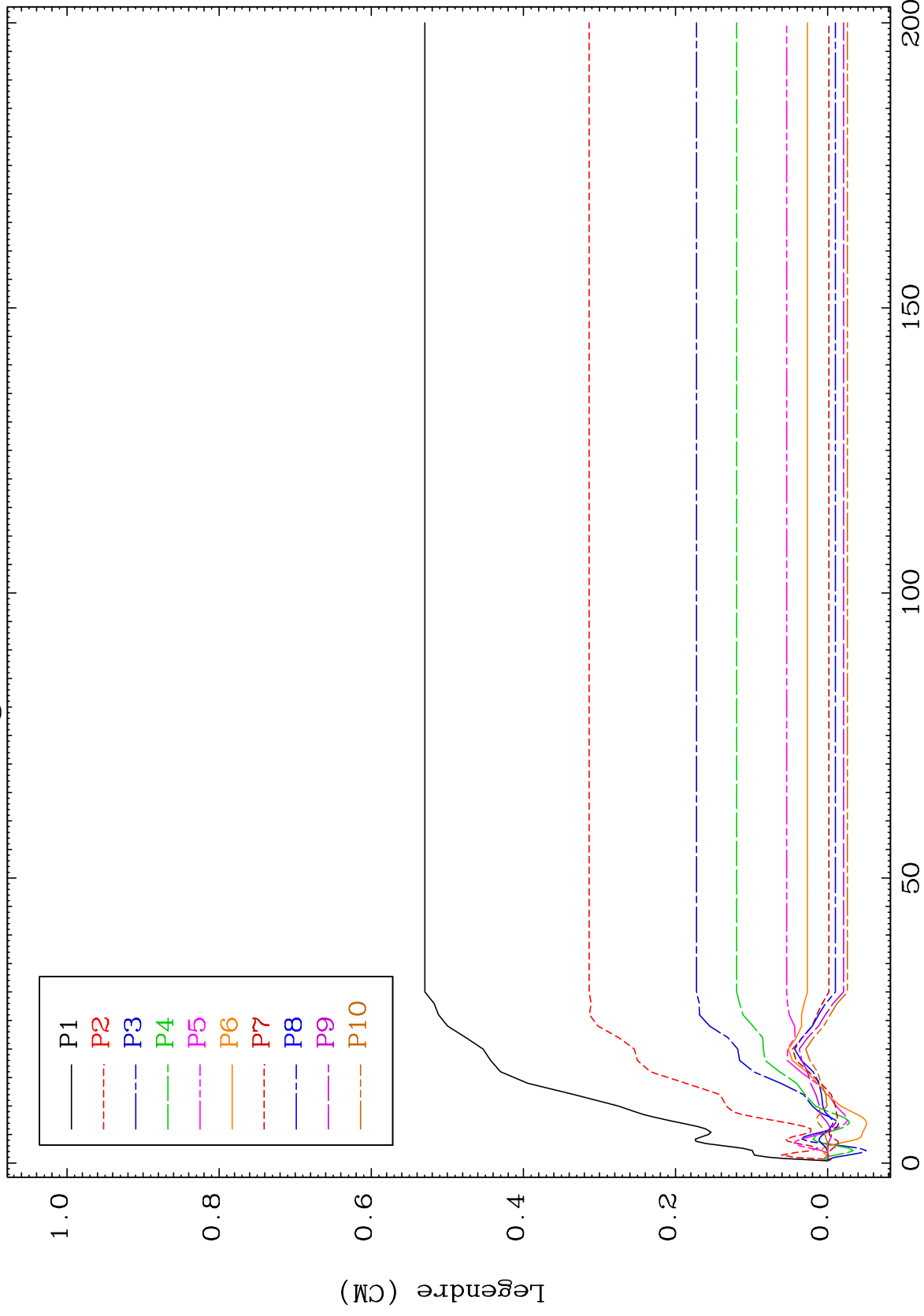
⁷¹Lu-187



MAT 7161

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

71-Lu-187



21

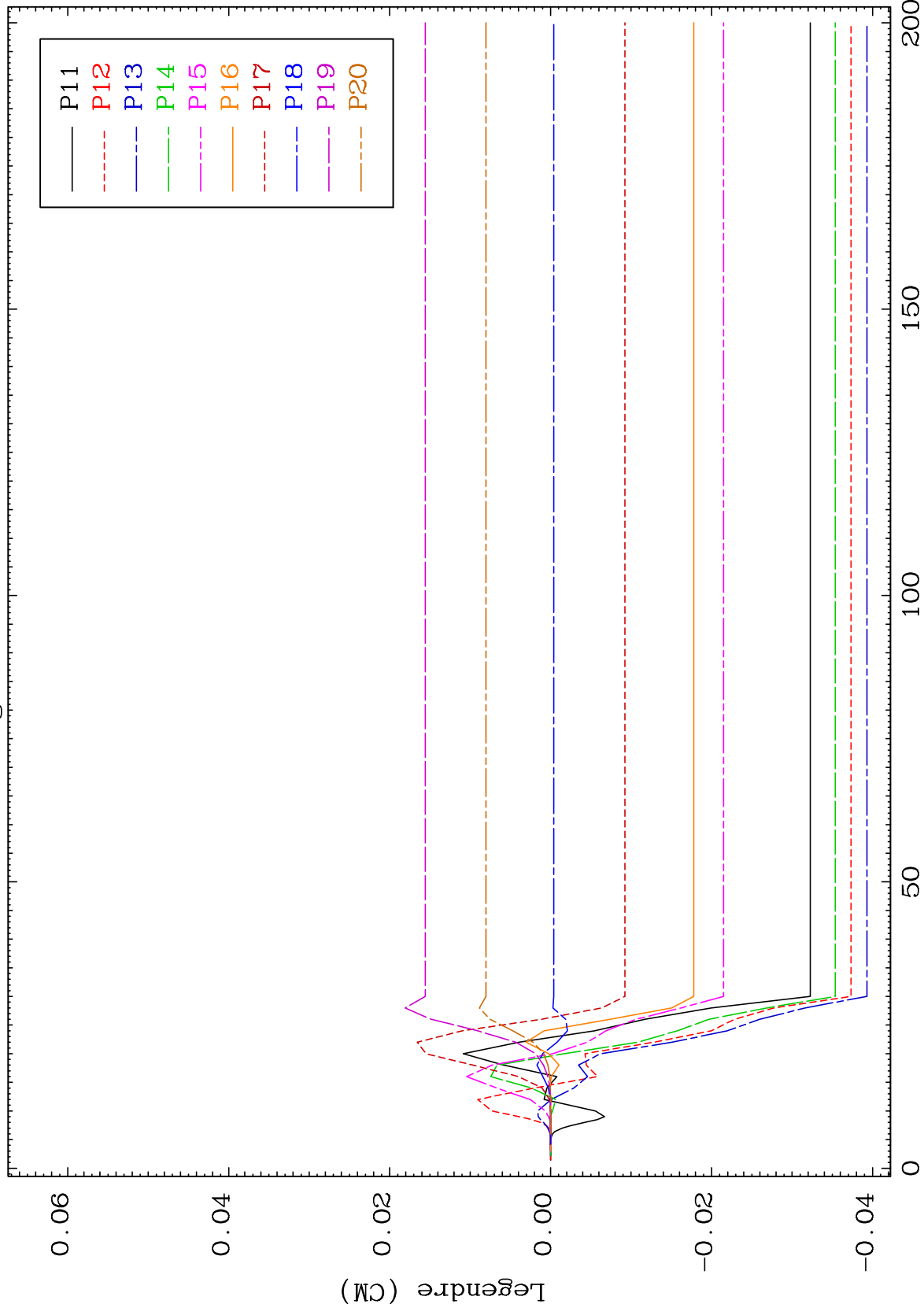
Incident Energy (MeV)

71-Lu-187

MAT 7161

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

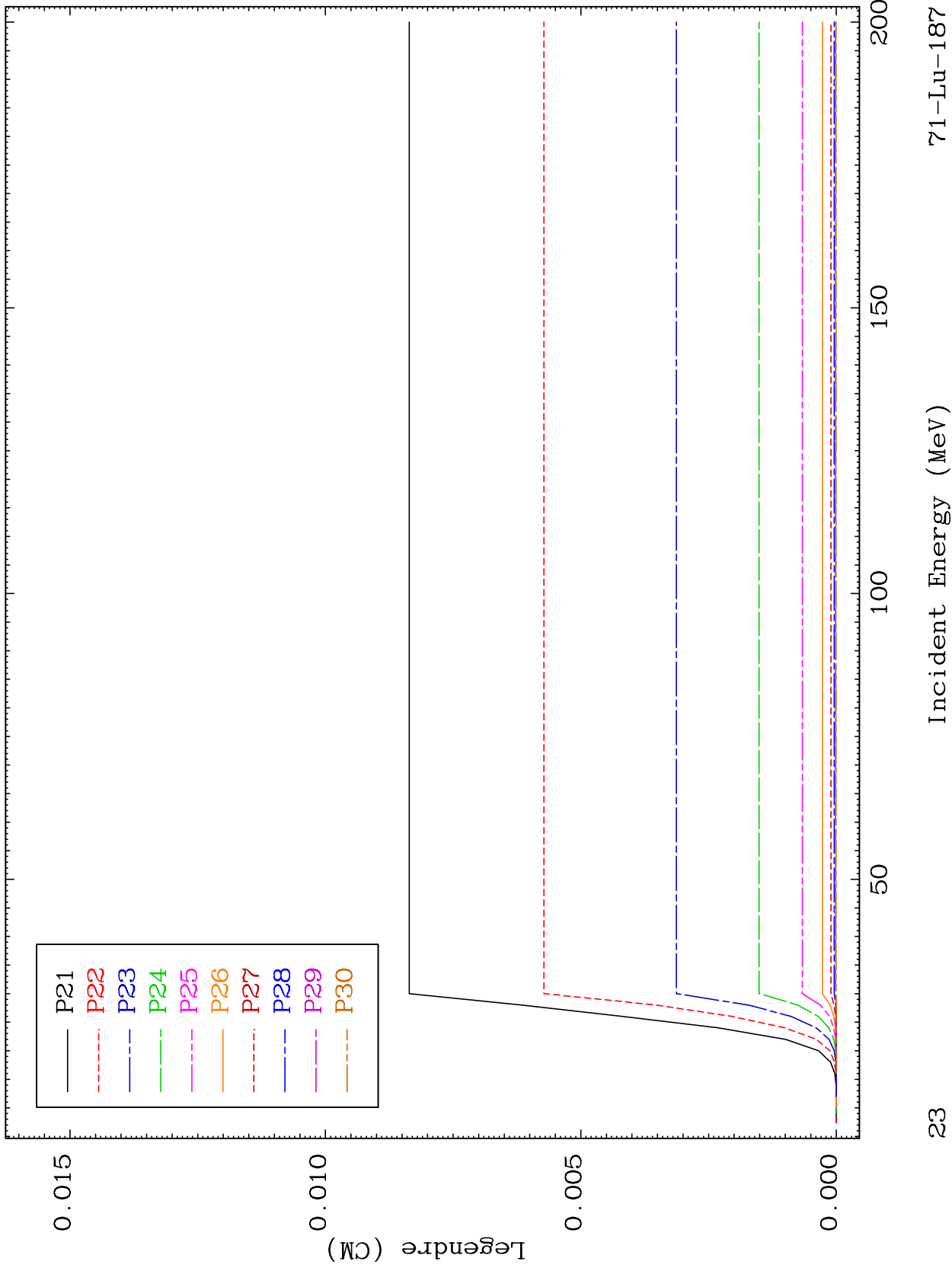
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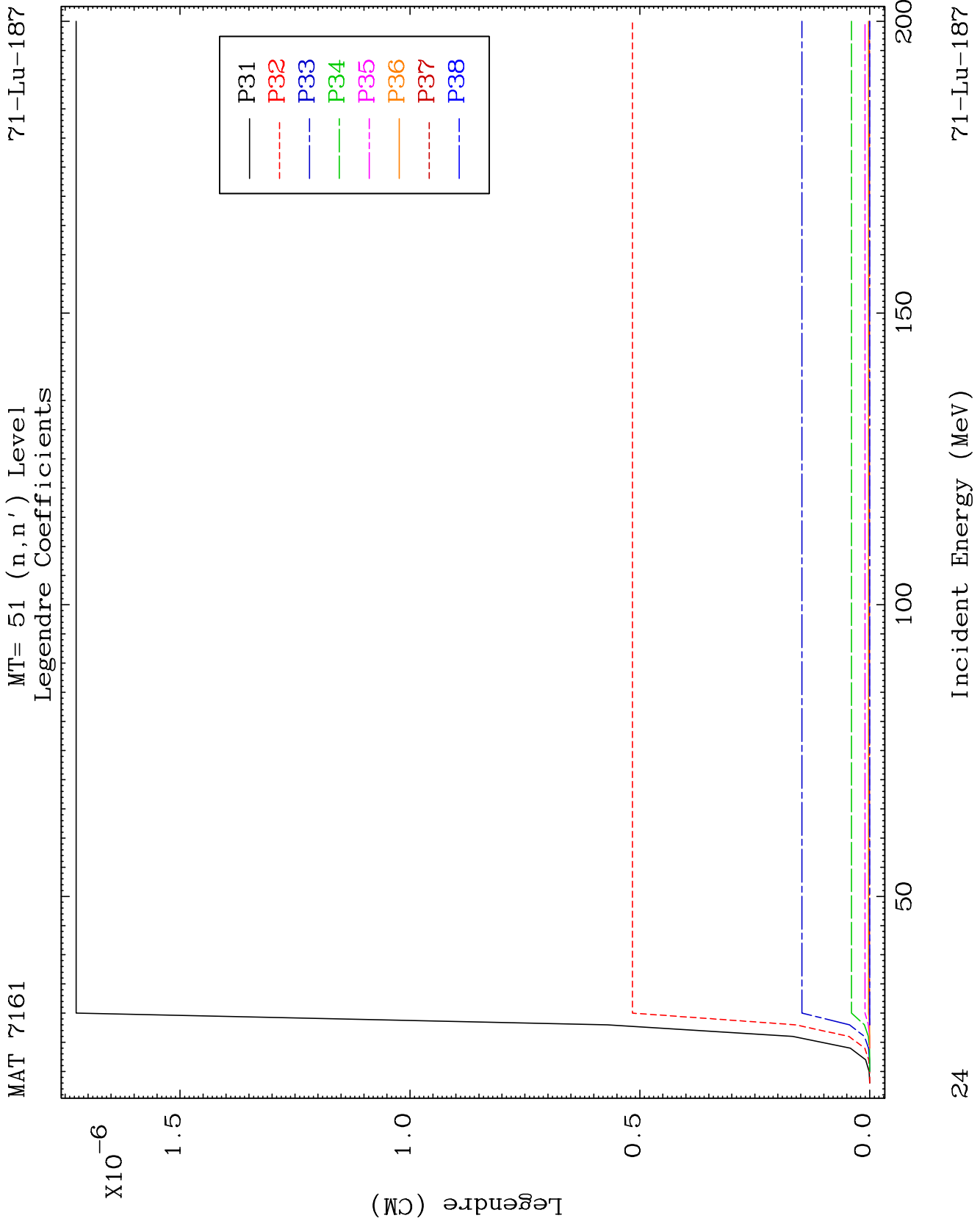


22

Incident Energy (MeV)

71-Lu-187

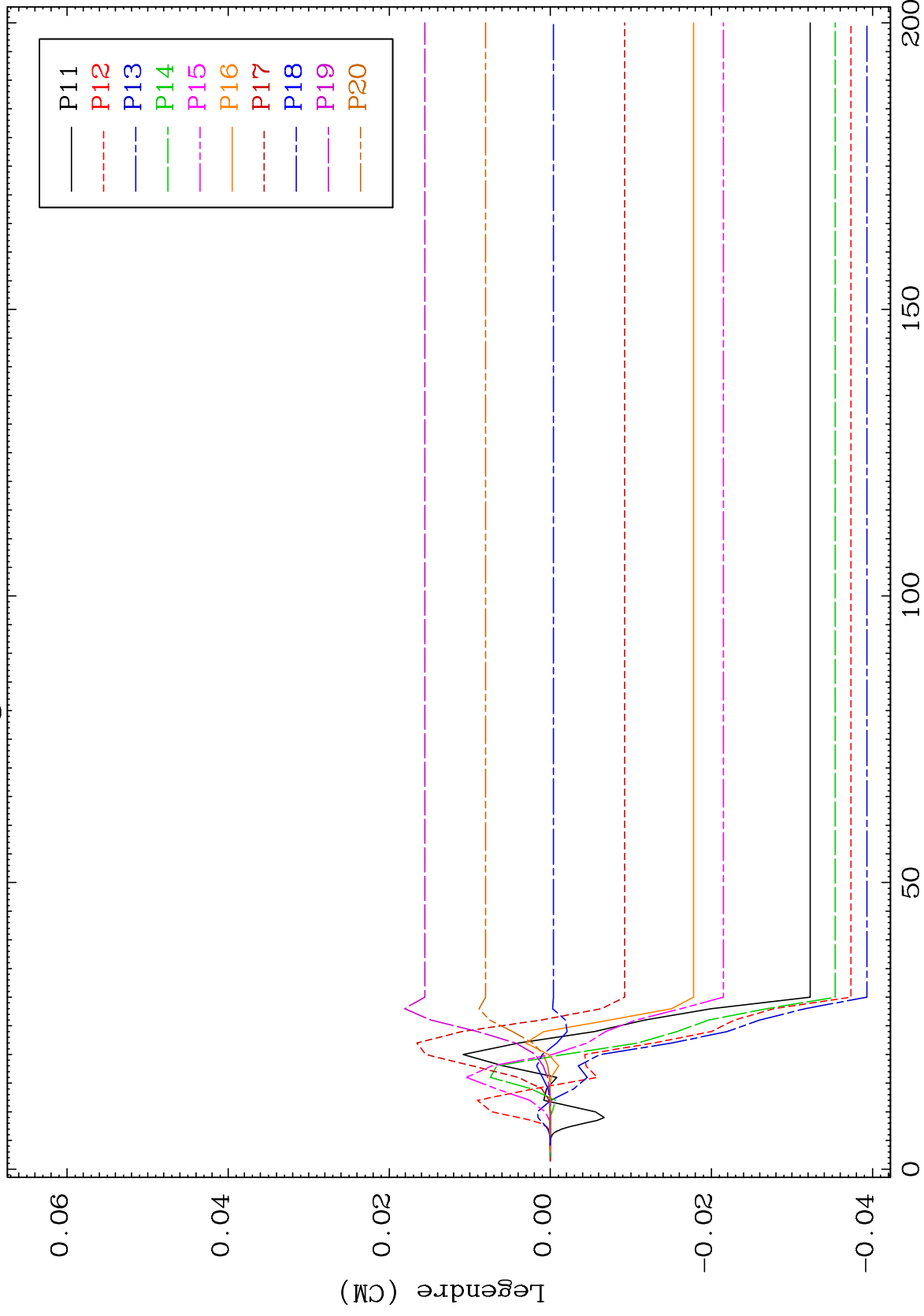




MAT 7161

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

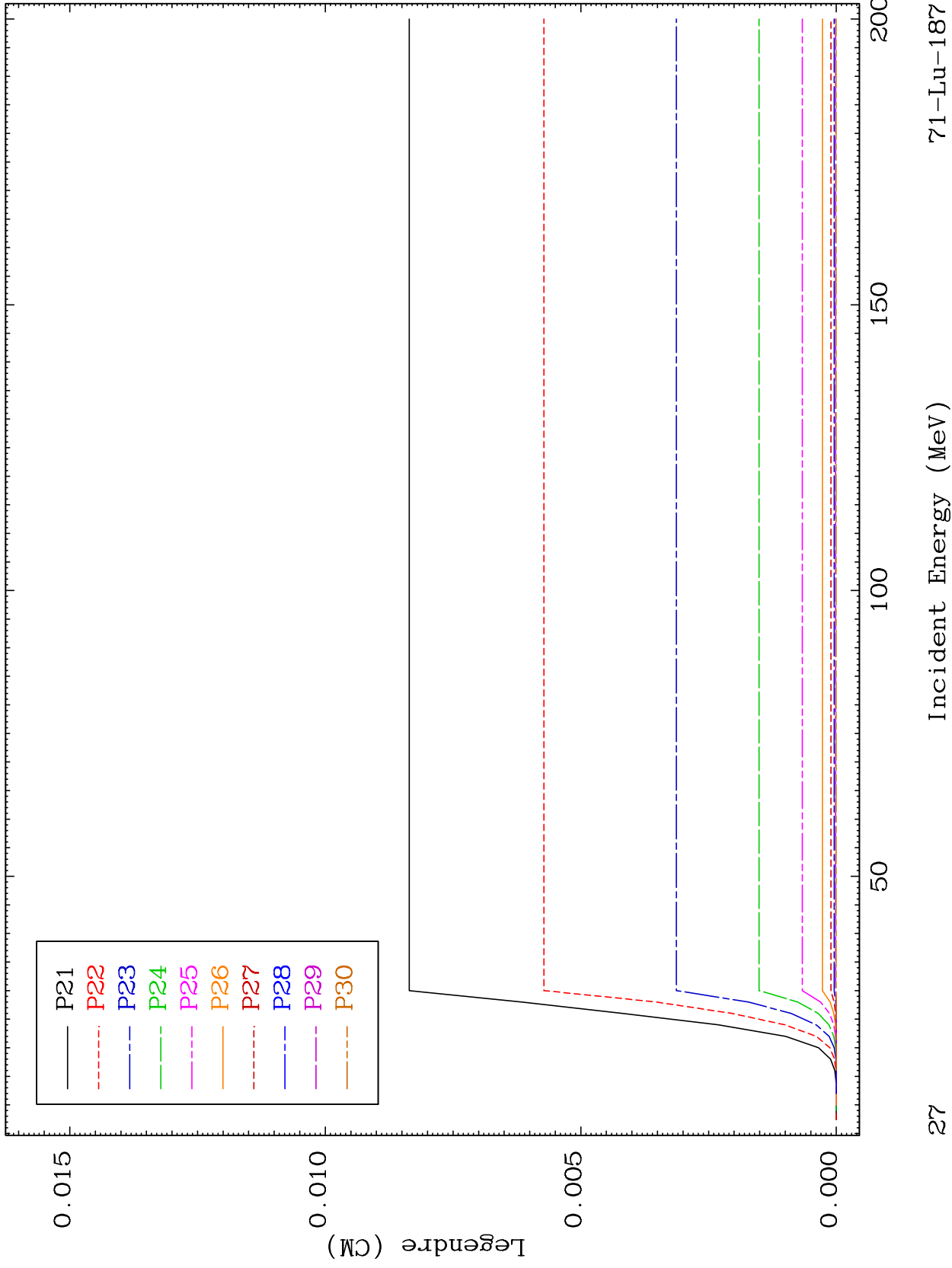
71-Lu-187



26

Incident Energy (MeV)

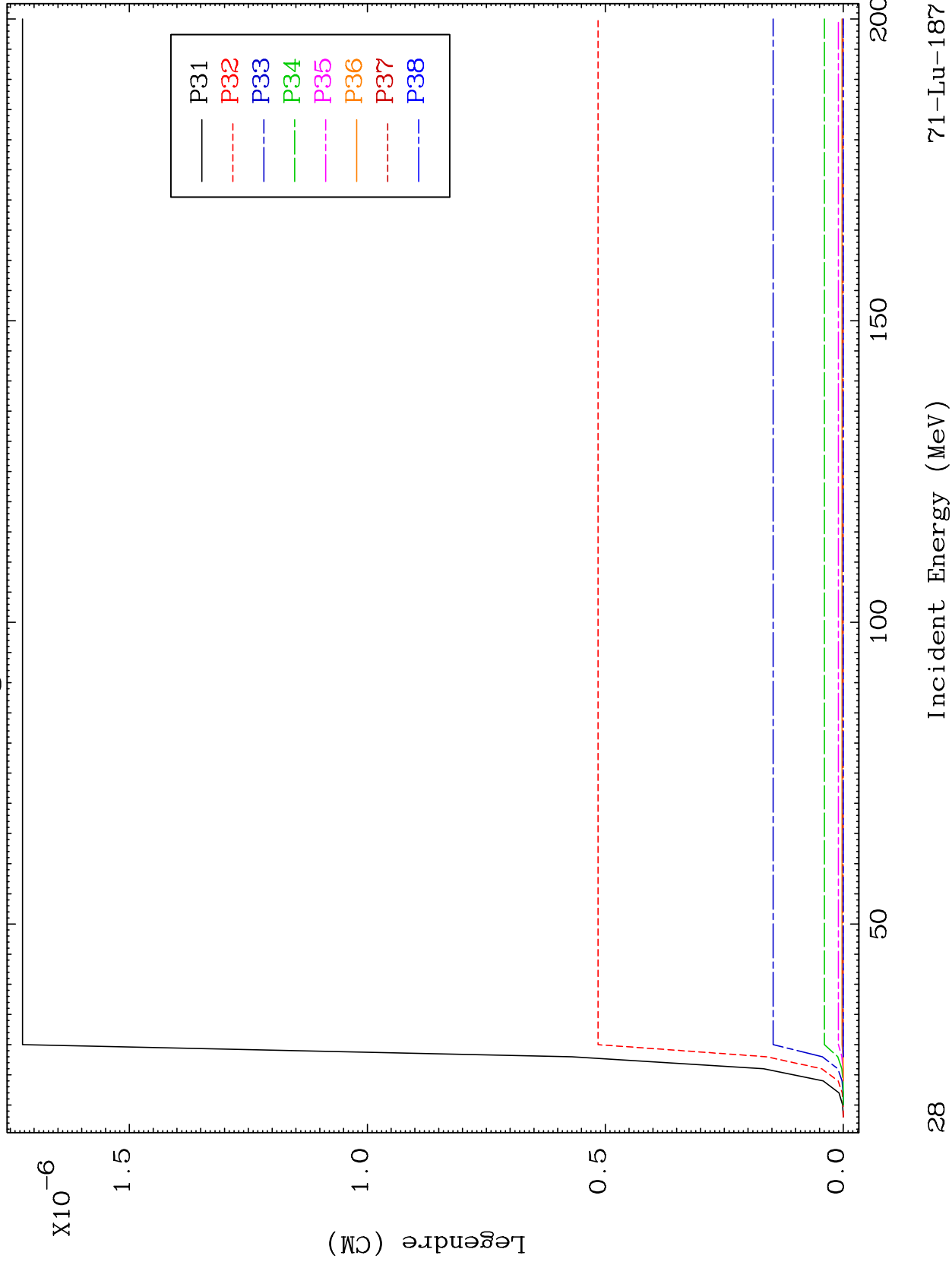
71-Lu-187



MAT 7161

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

71-Lu-187



28

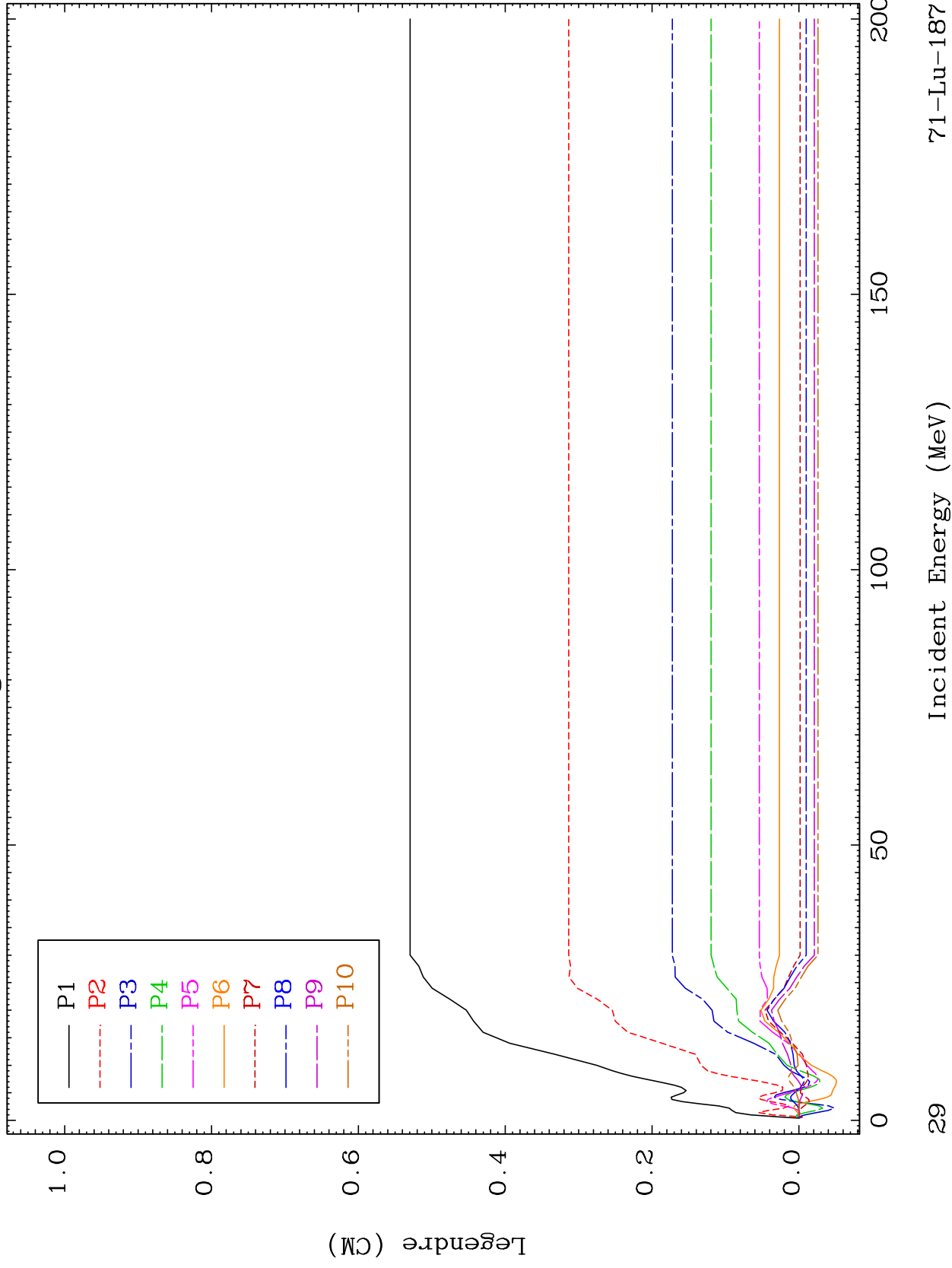
Incident Energy (MeV)

71-Lu-187

MAT 7161

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

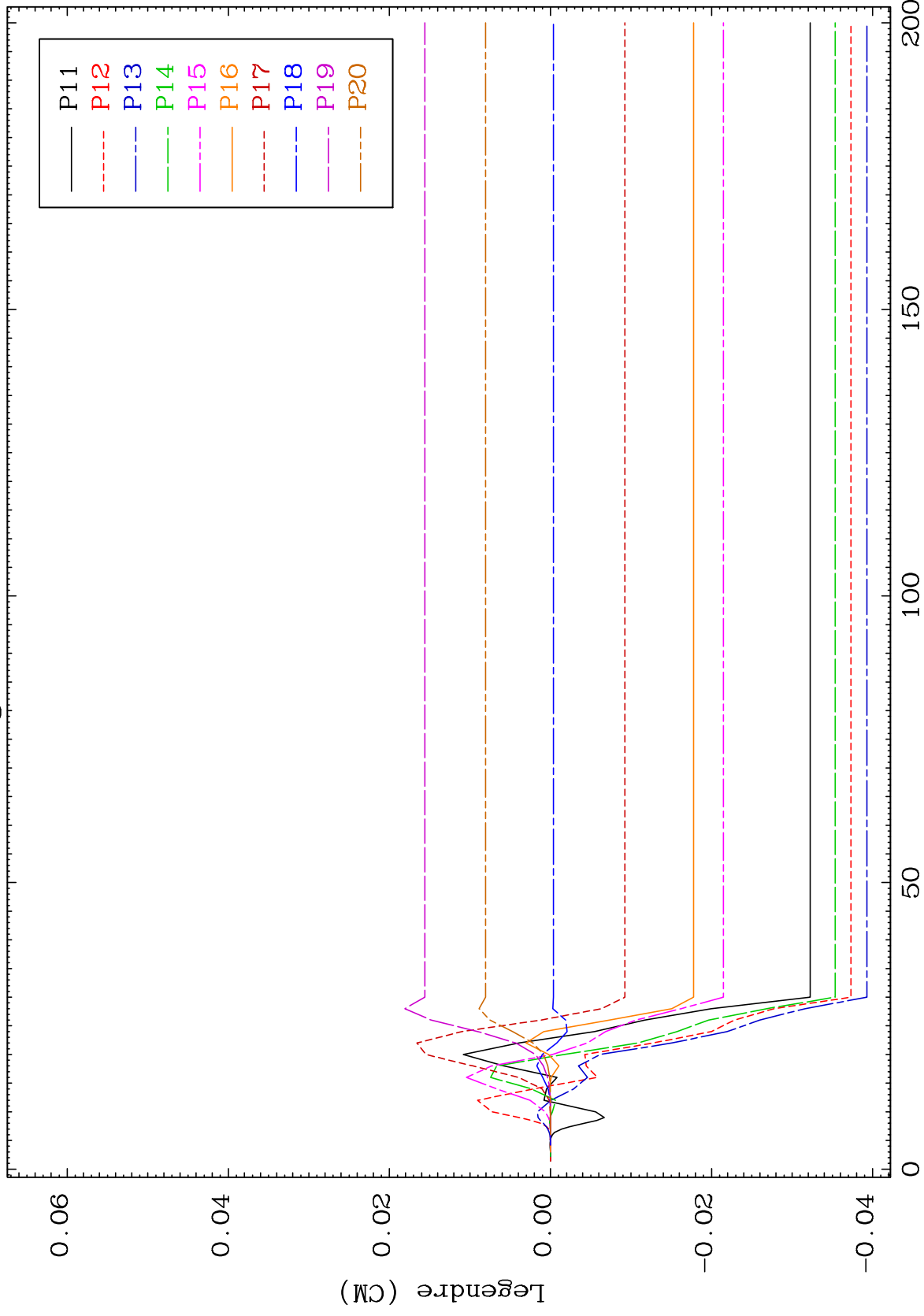
71-Lu-187



MAT 7161

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

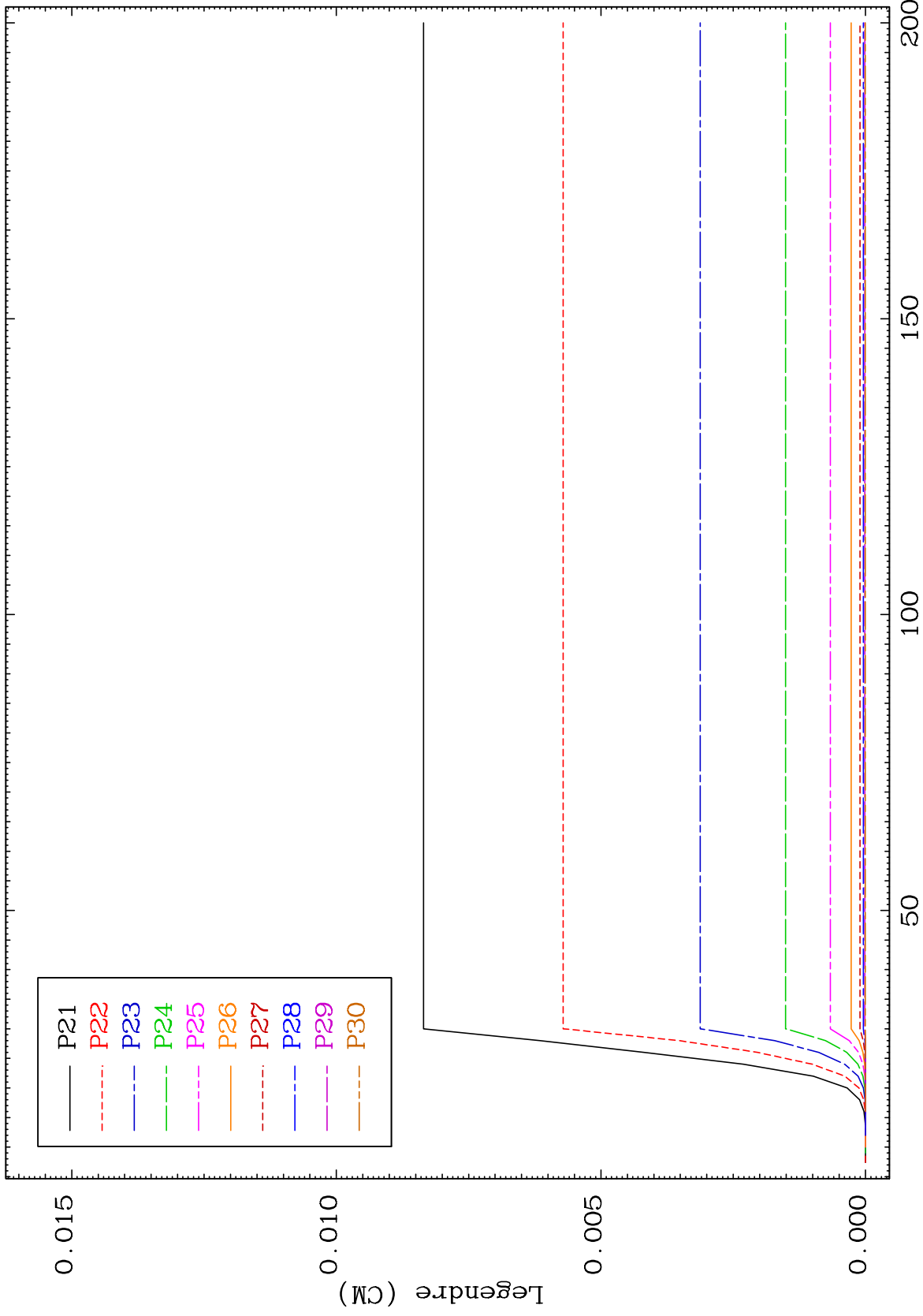
71-Lu-187



71-Lu-187

Incident Energy (MeV)

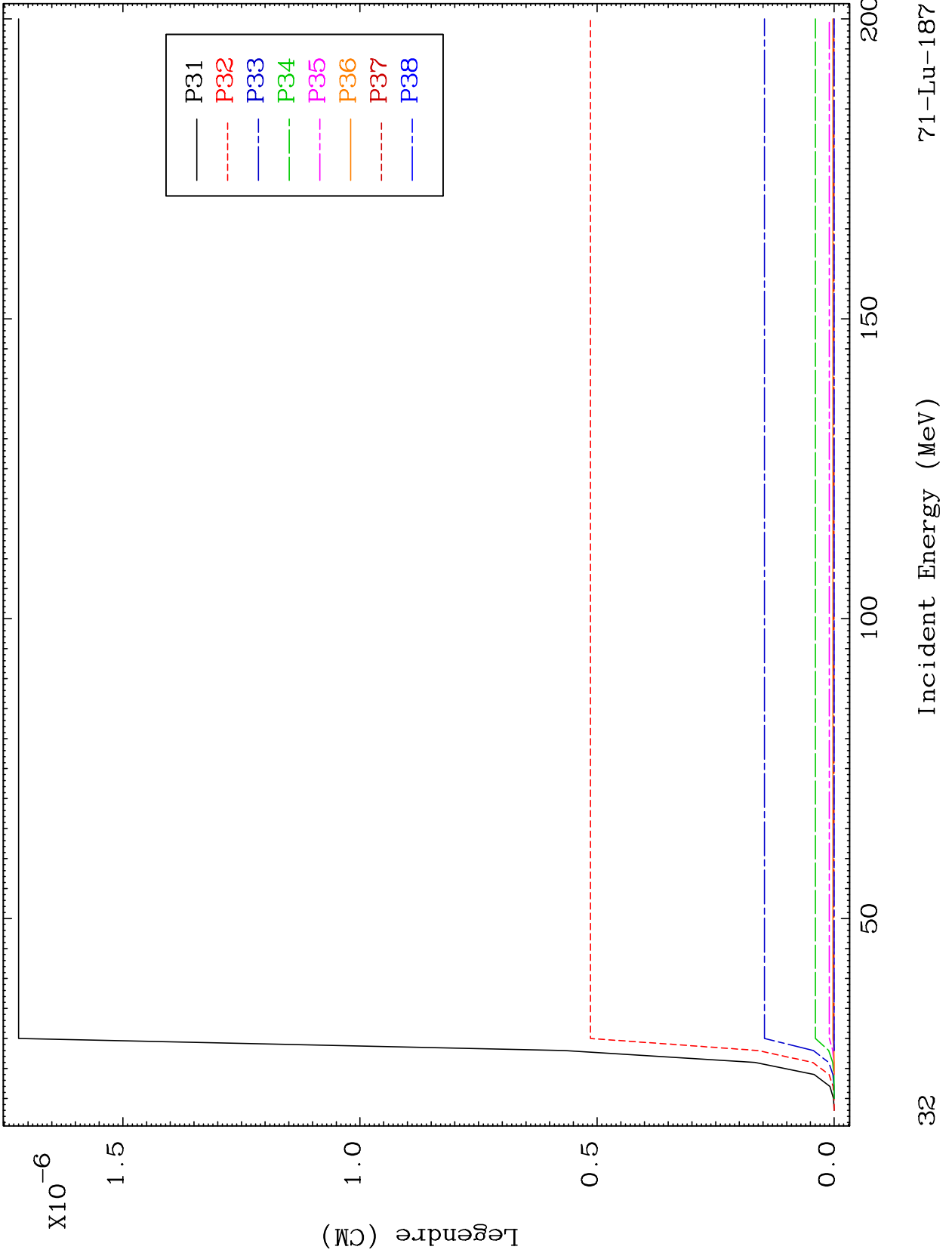
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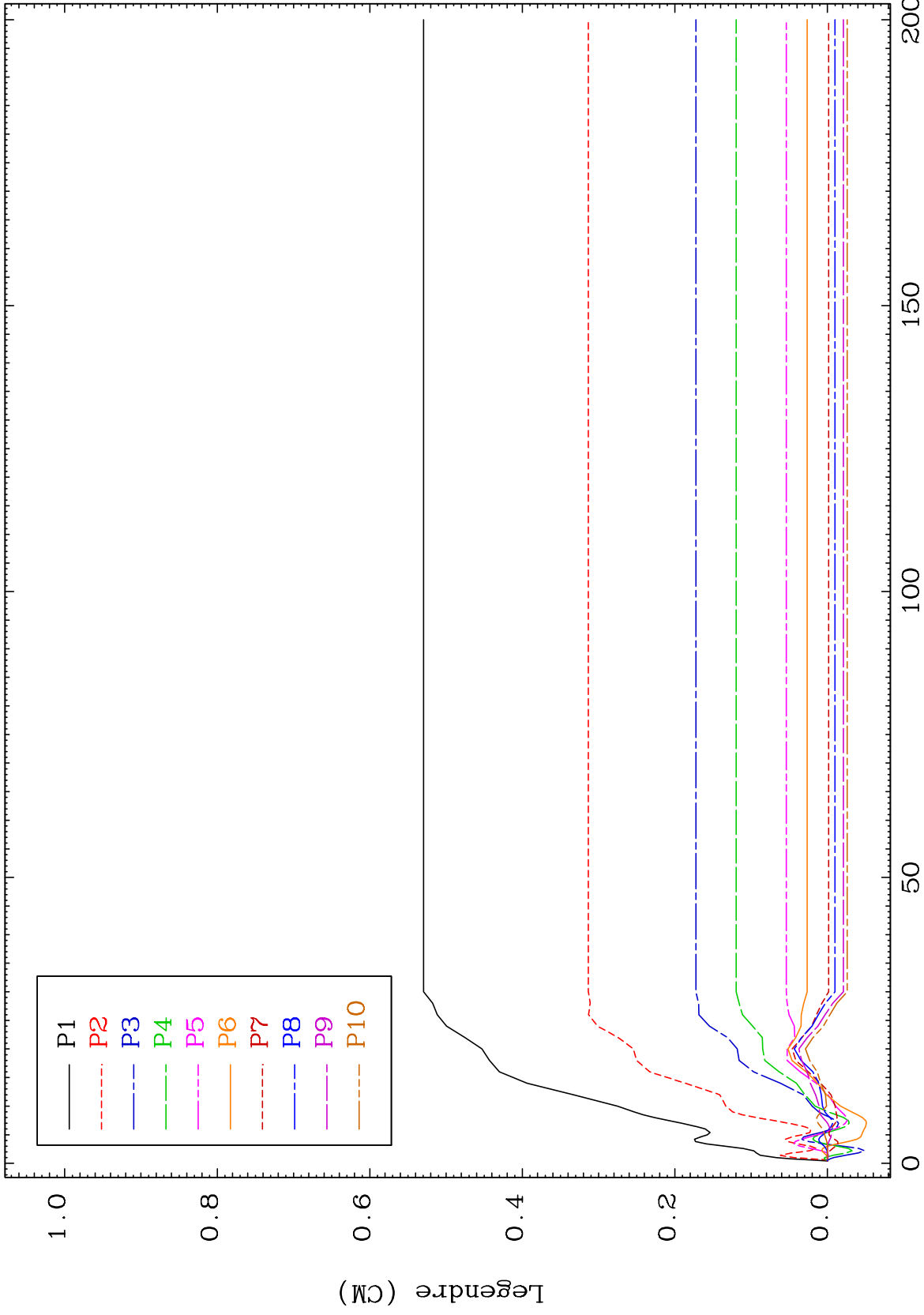


MAT 7161

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

71-Lu-187

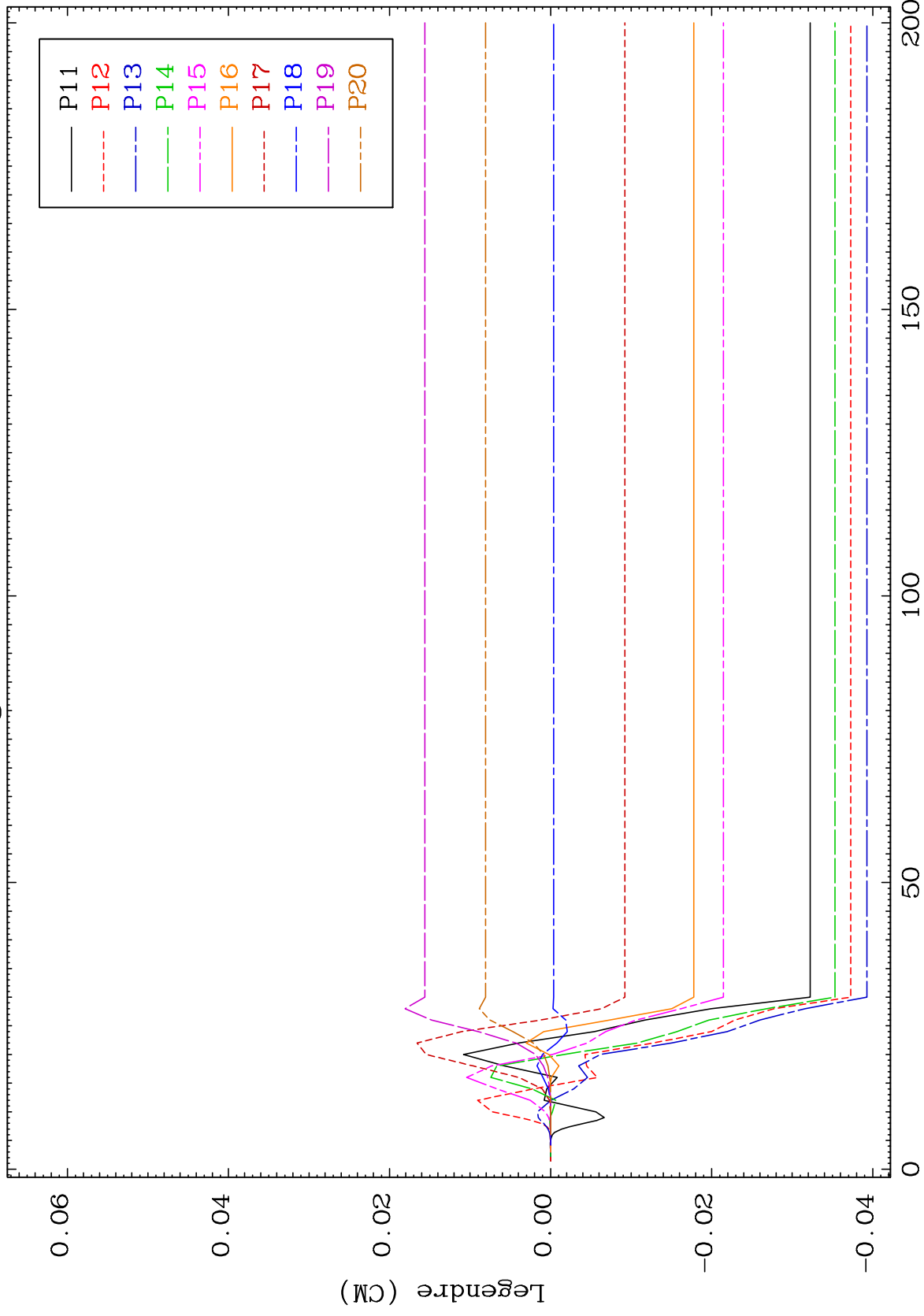




MAT 7161

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

71-Lu-187



34

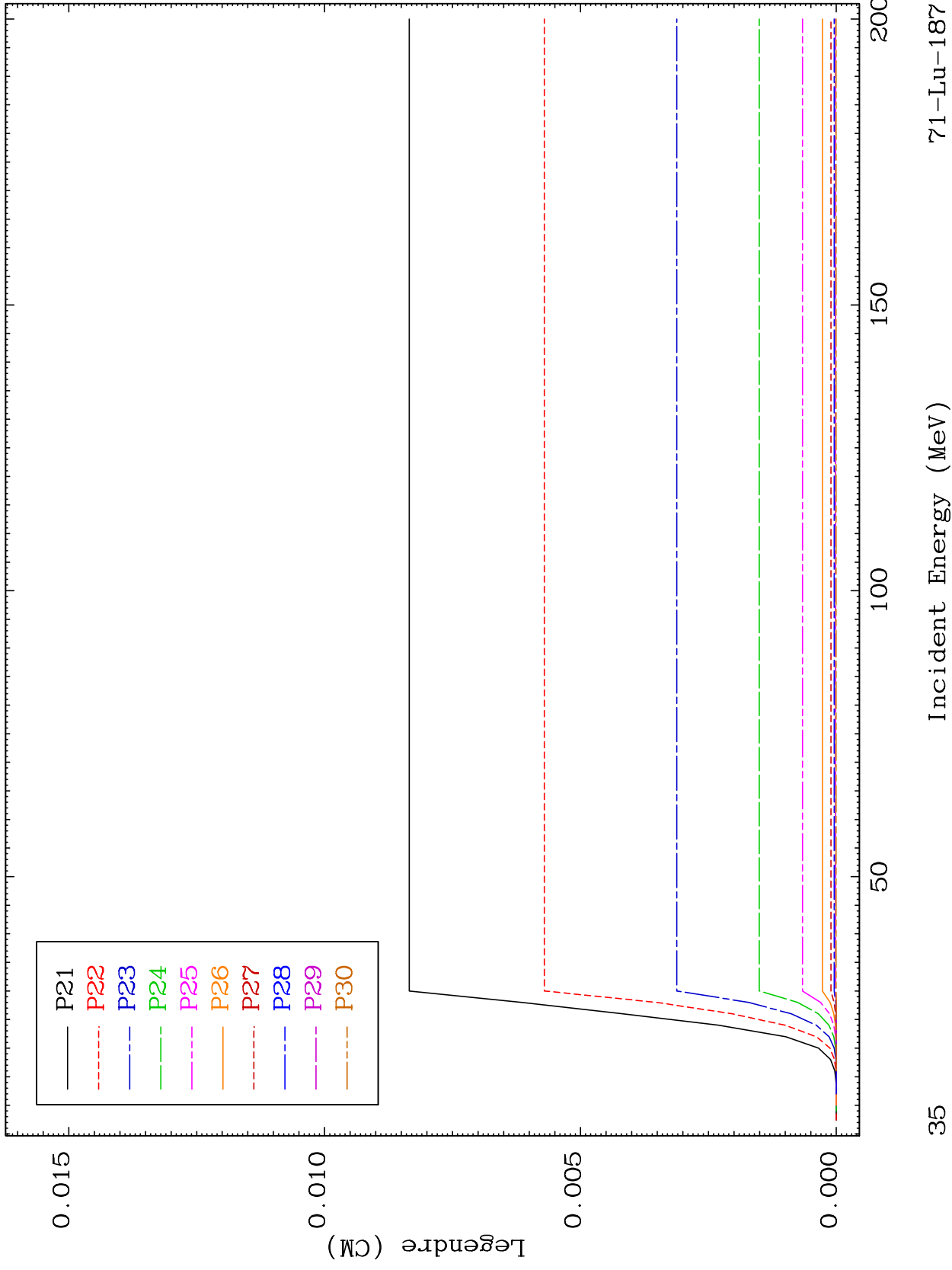
Incident Energy (MeV)

71-Lu-187

MAT 7161

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

71-Lu-187



71-Lu-187

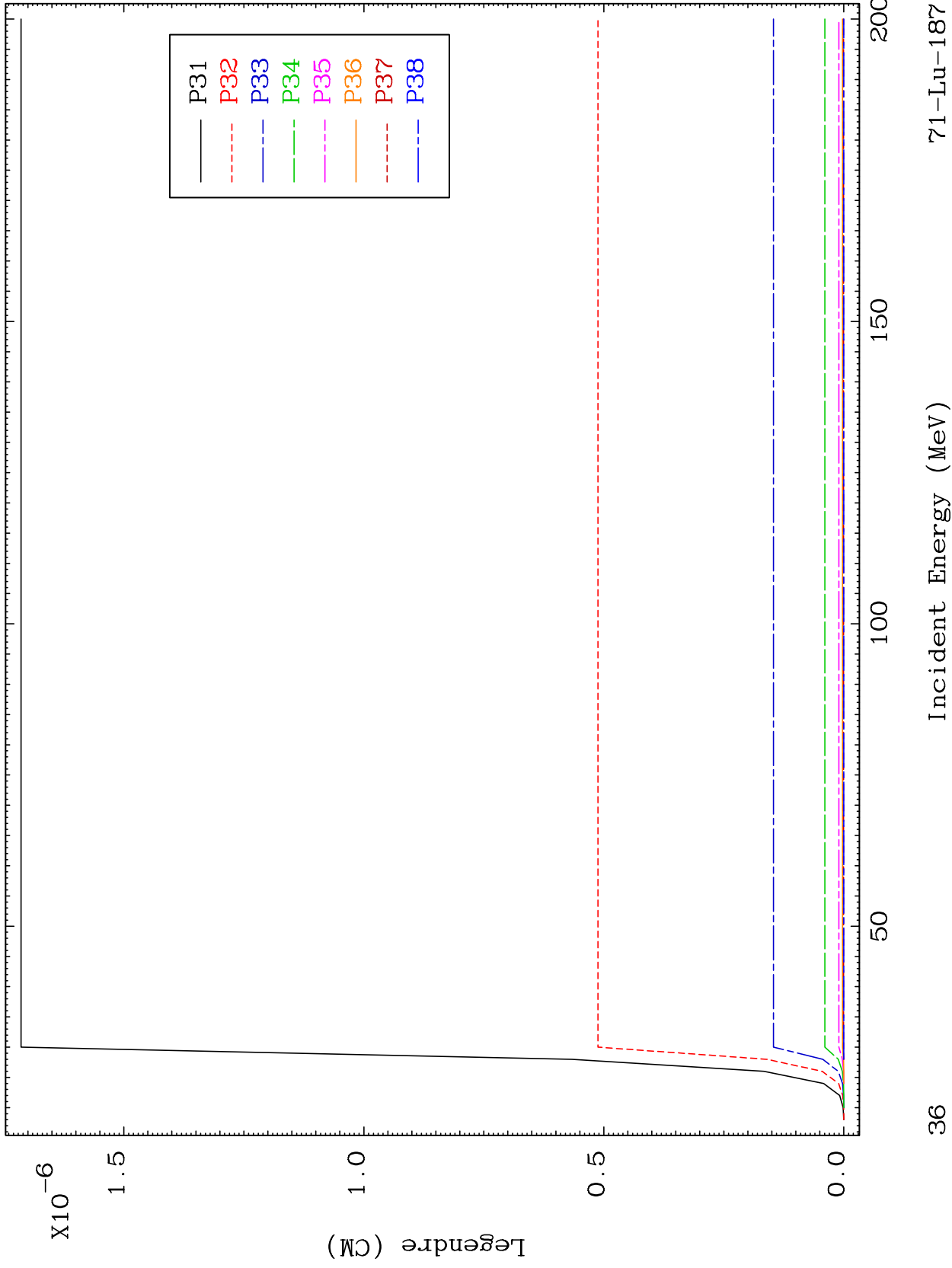
Incident Energy (MeV)

35

MAT 7161

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

71-Lu-187



36

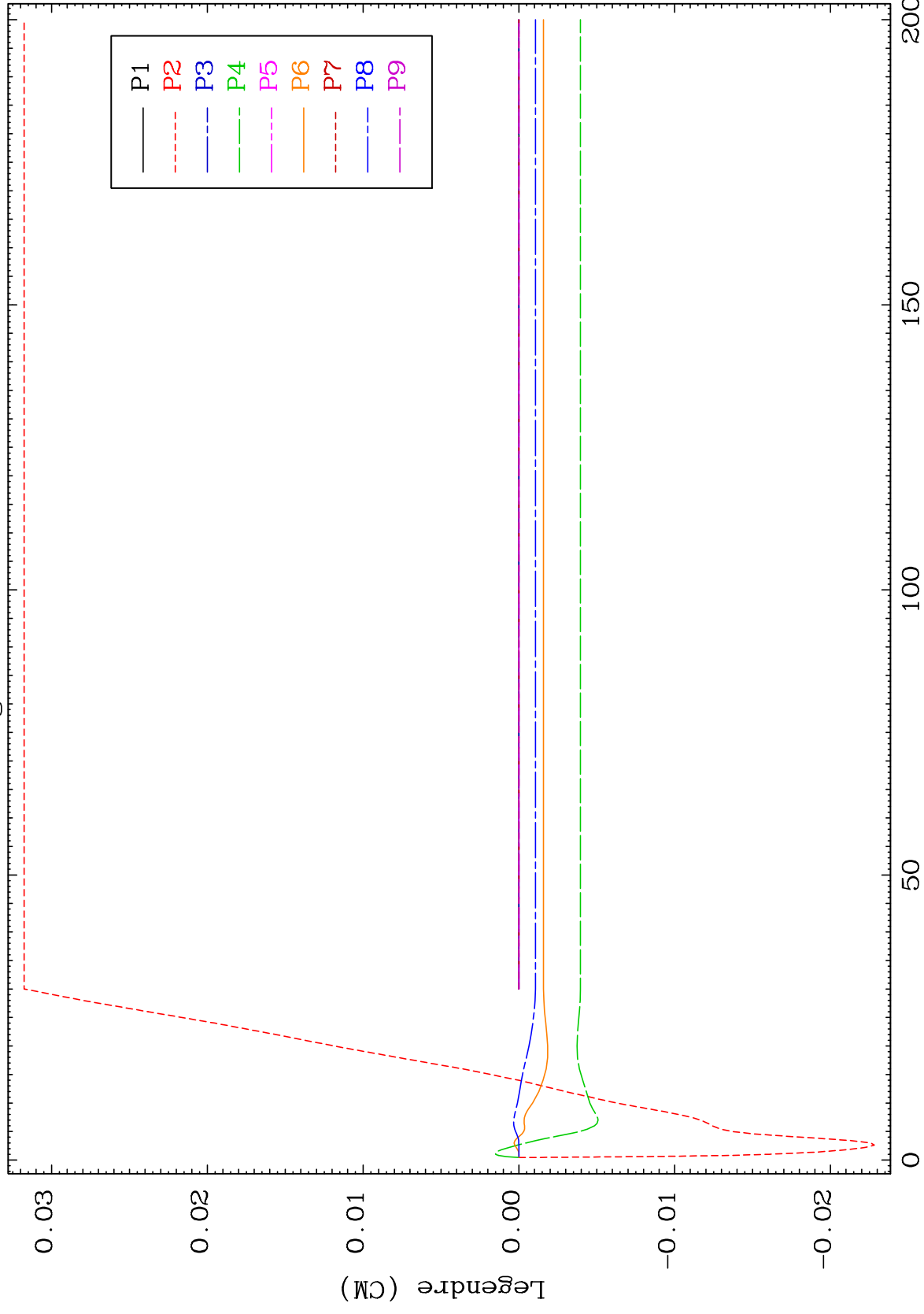
Incident Energy (MeV)

71-Lu-187

MAT 7161

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

71-Lu-187



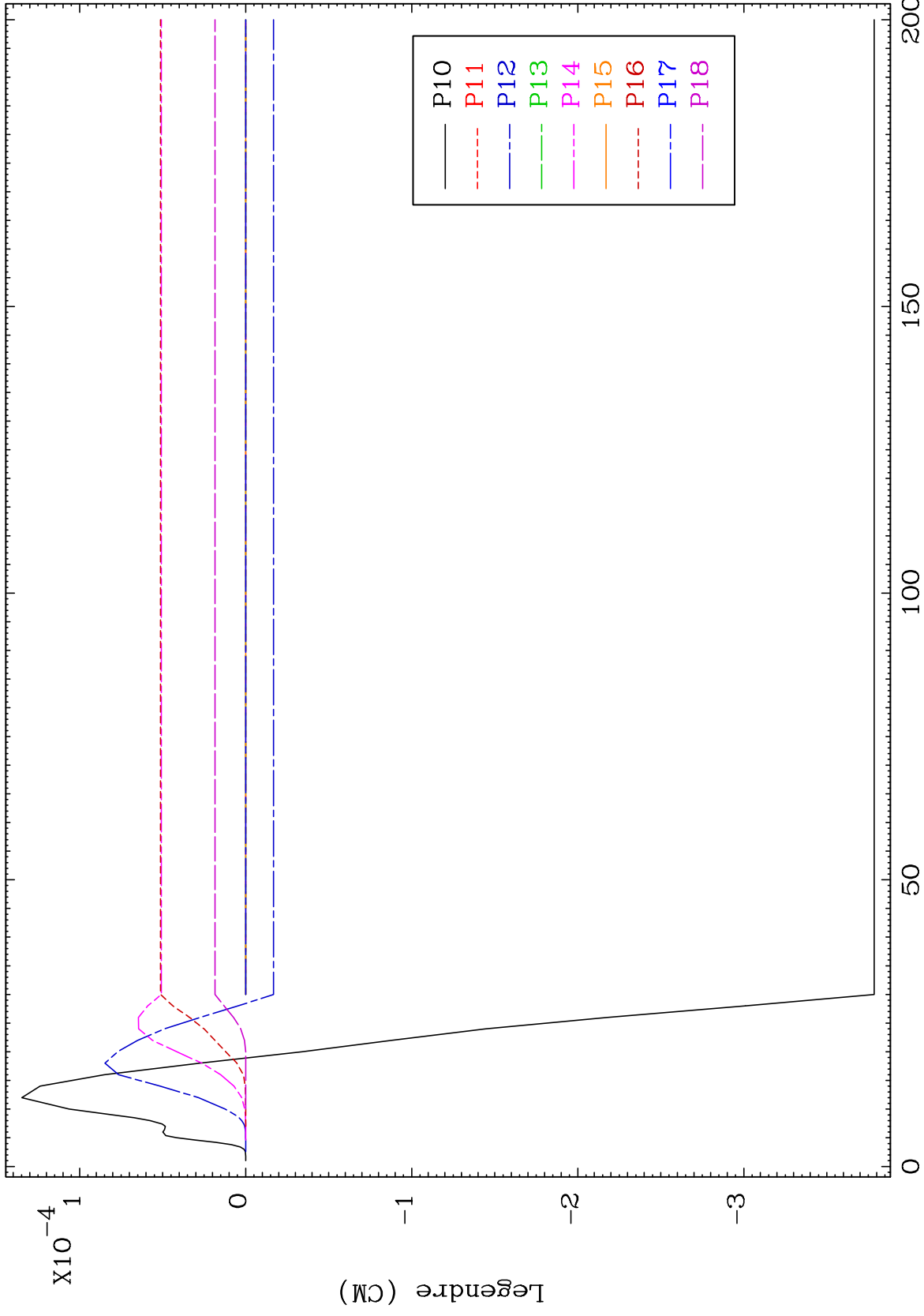
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71-Lu-187

MAT 7161

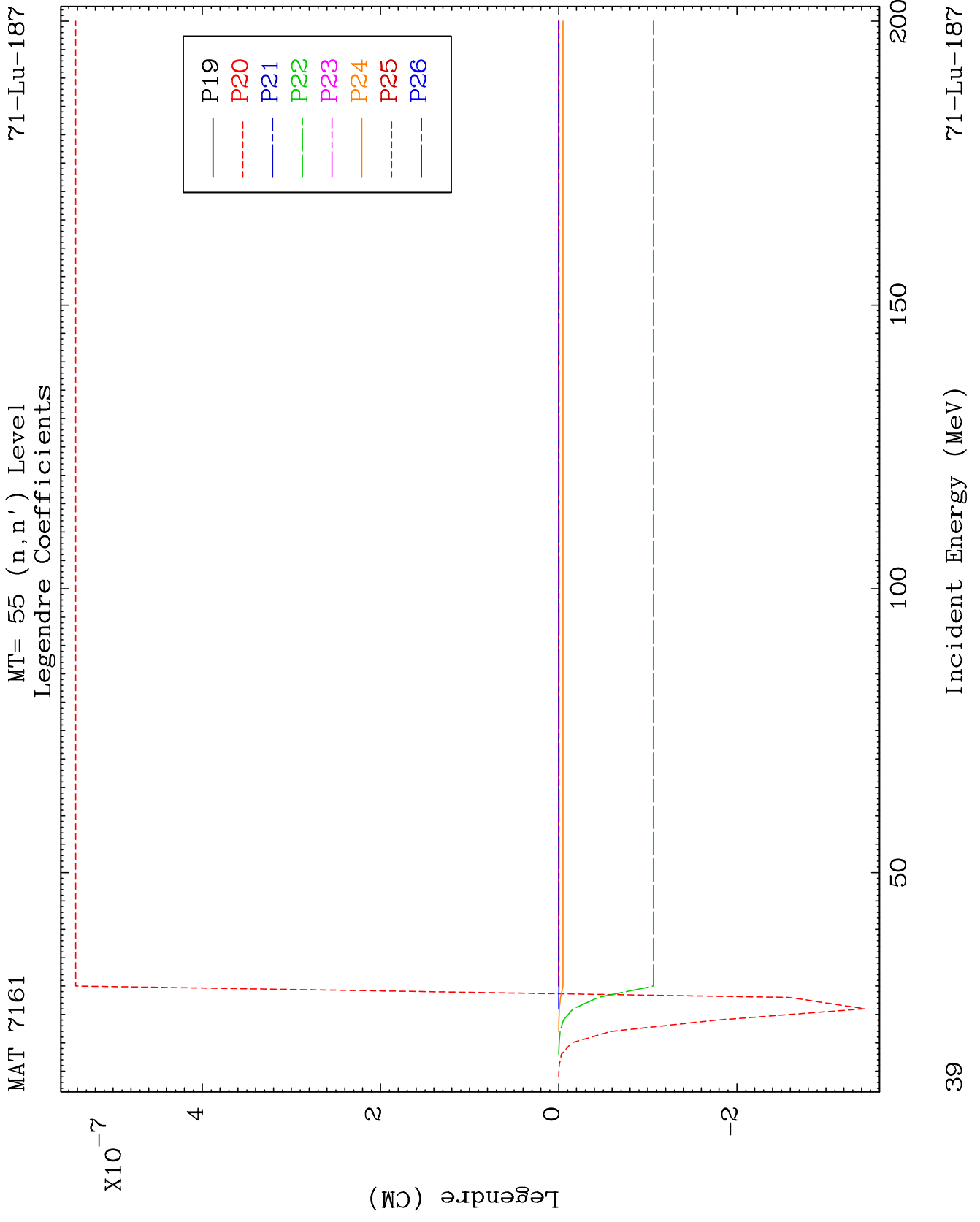
MT= 55 (n,n') Level
Legendre Coefficients

71-Lu-187



38

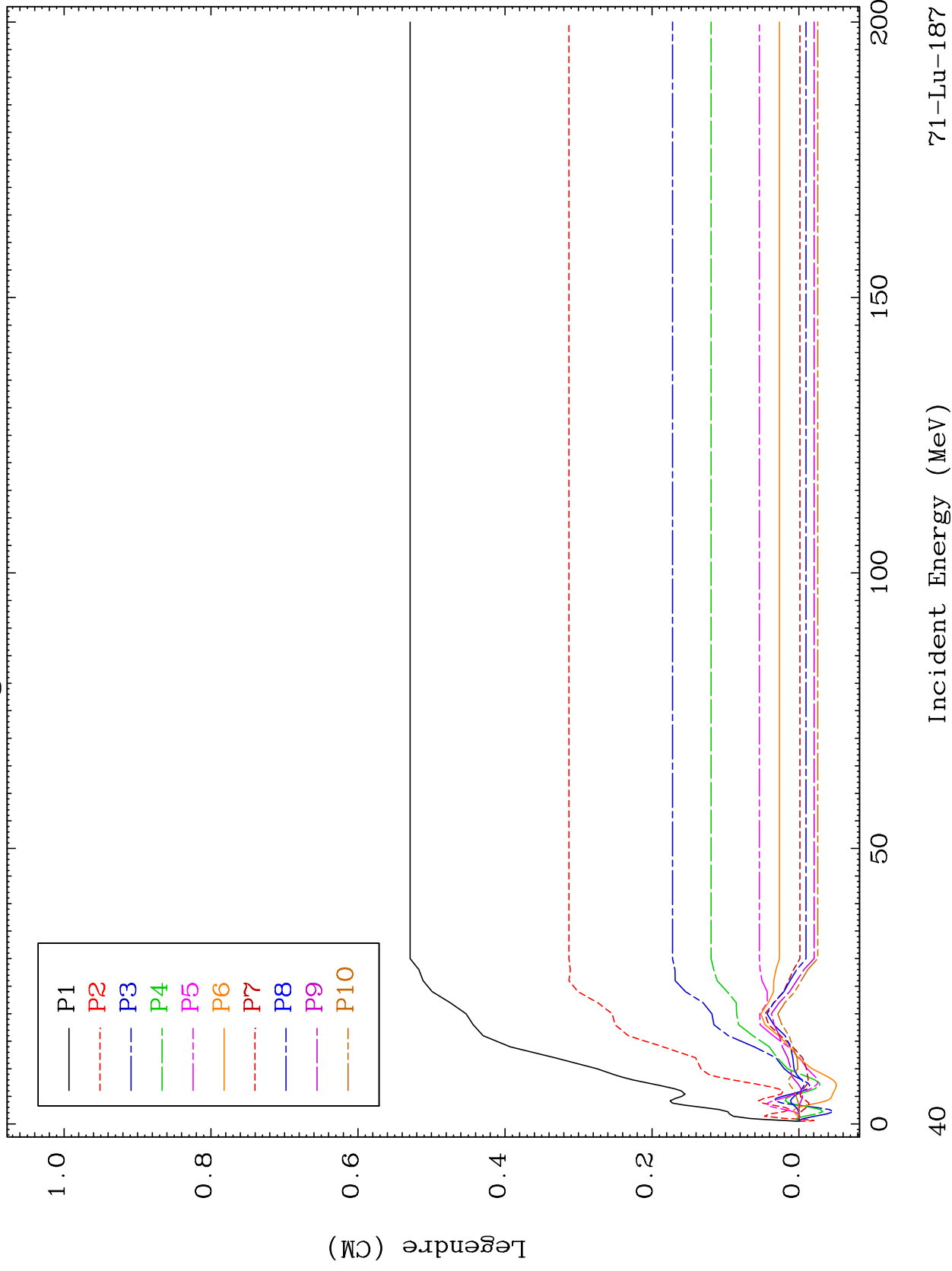
71-Lu-187



MAT 7161

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

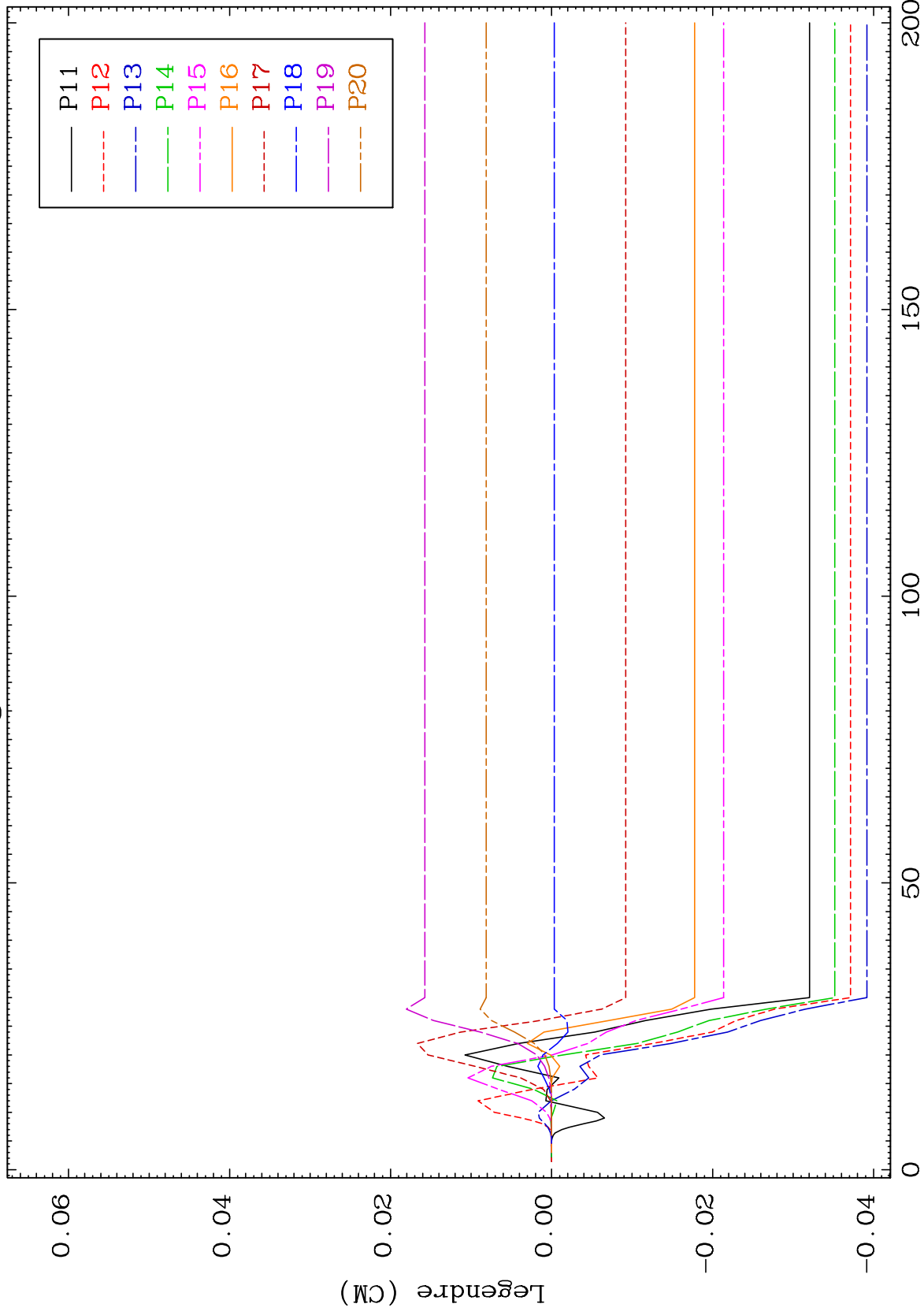
71-Lu-187



MAT 7161

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

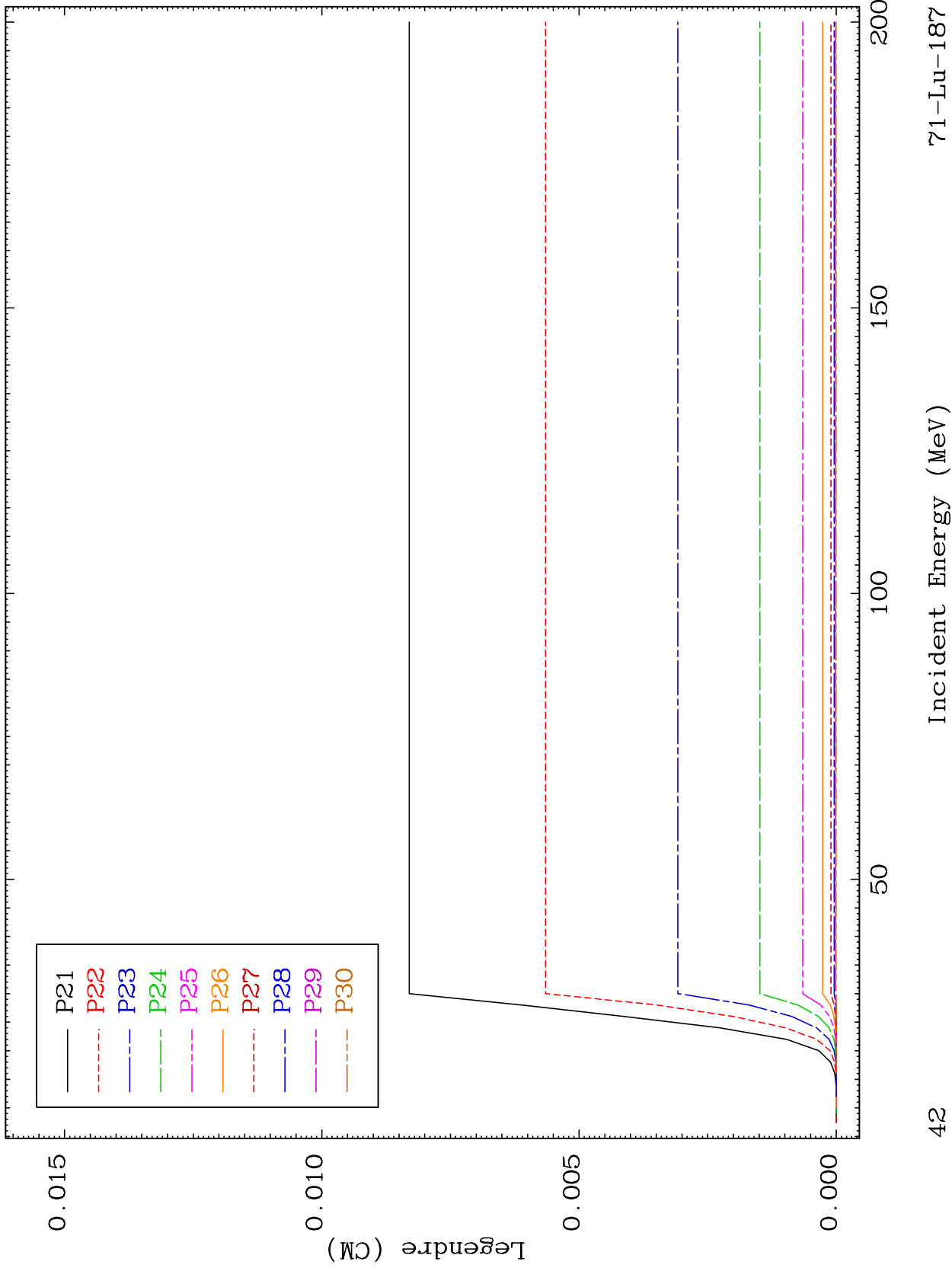
71-Lu-187



41

Incident Energy (MeV)

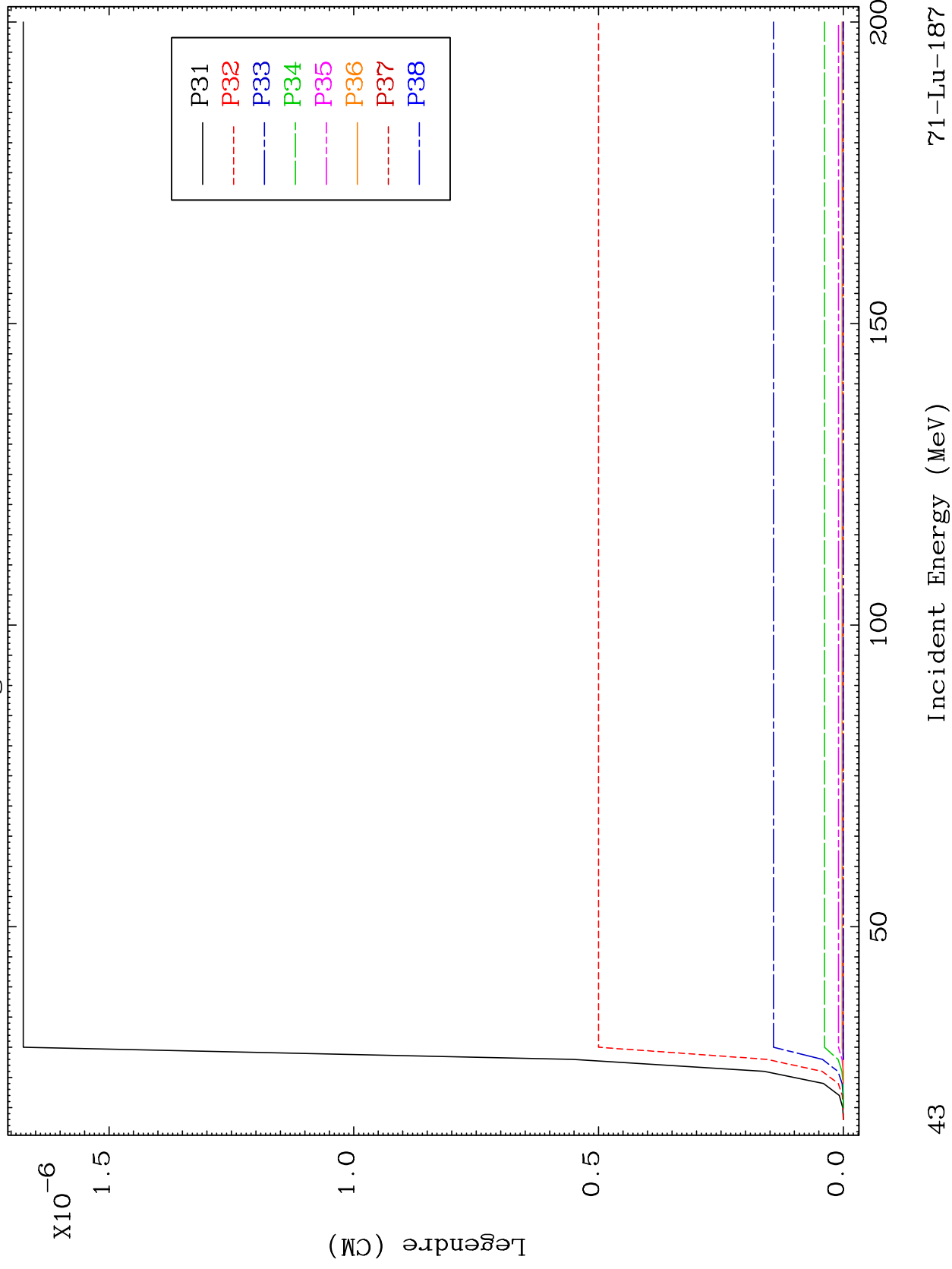
71-Lu-187



MAT 7161

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

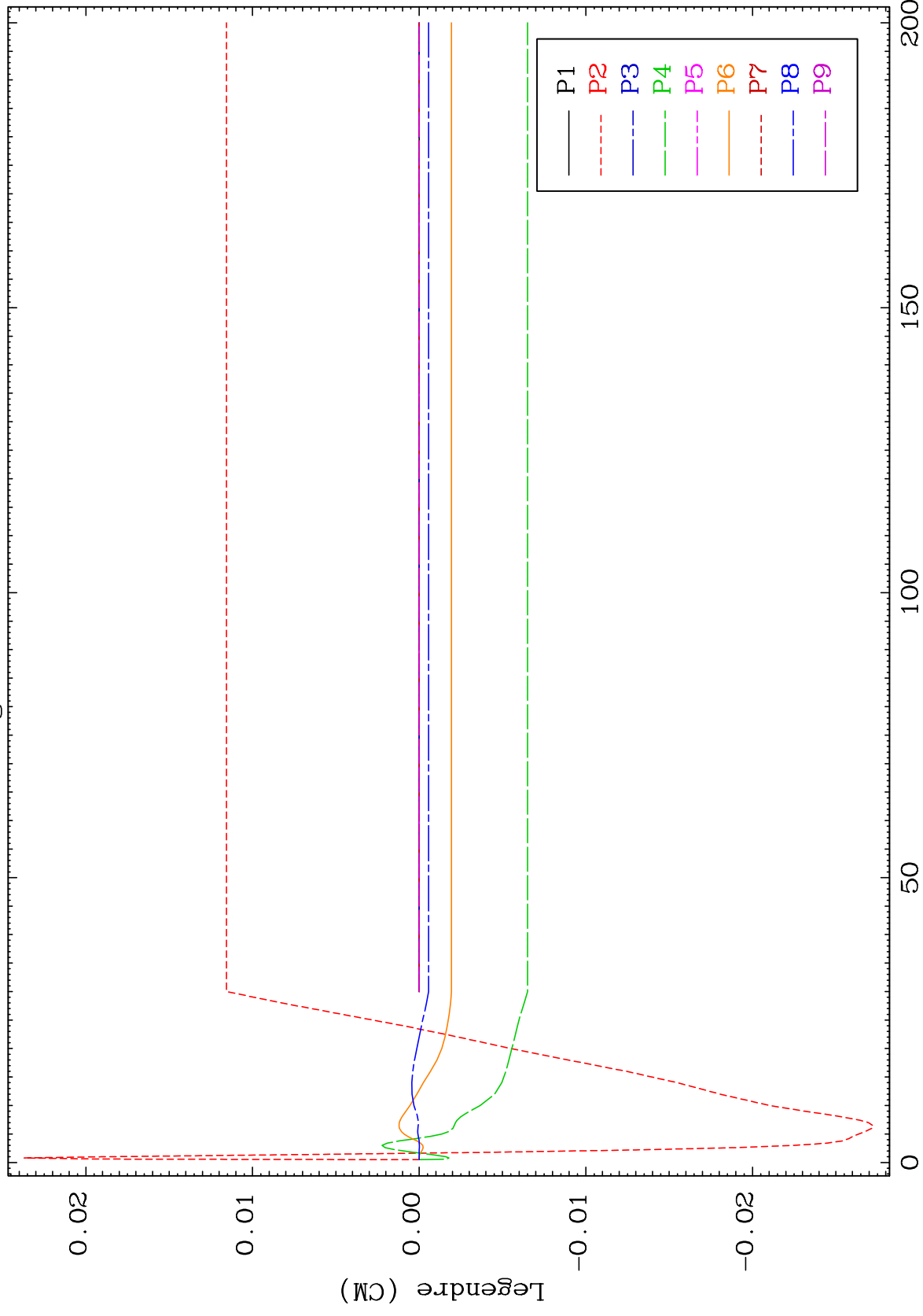
71-Lu-187



MAT 7161

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

71-Lu-187



44

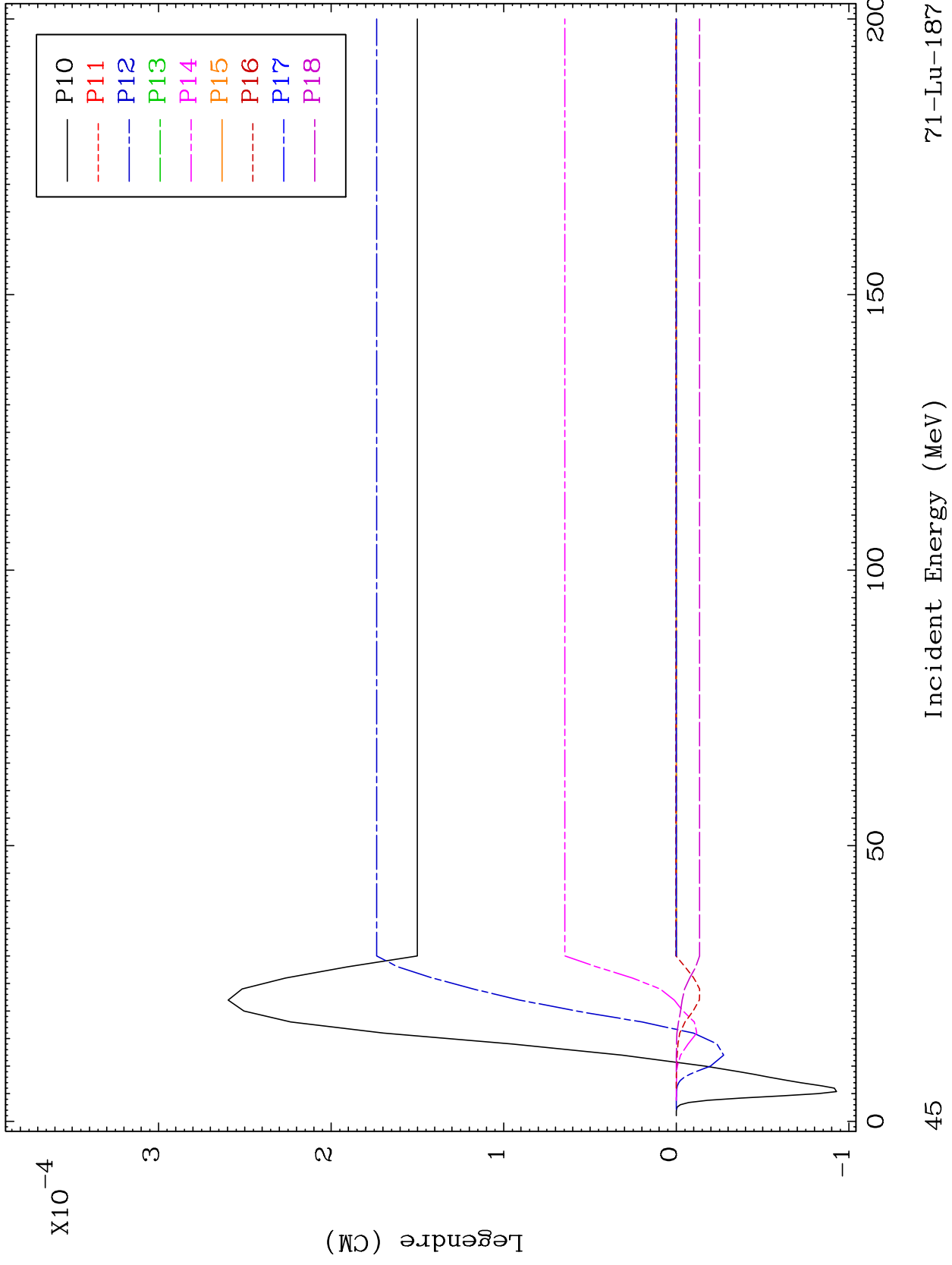
Incident Energy (MeV)

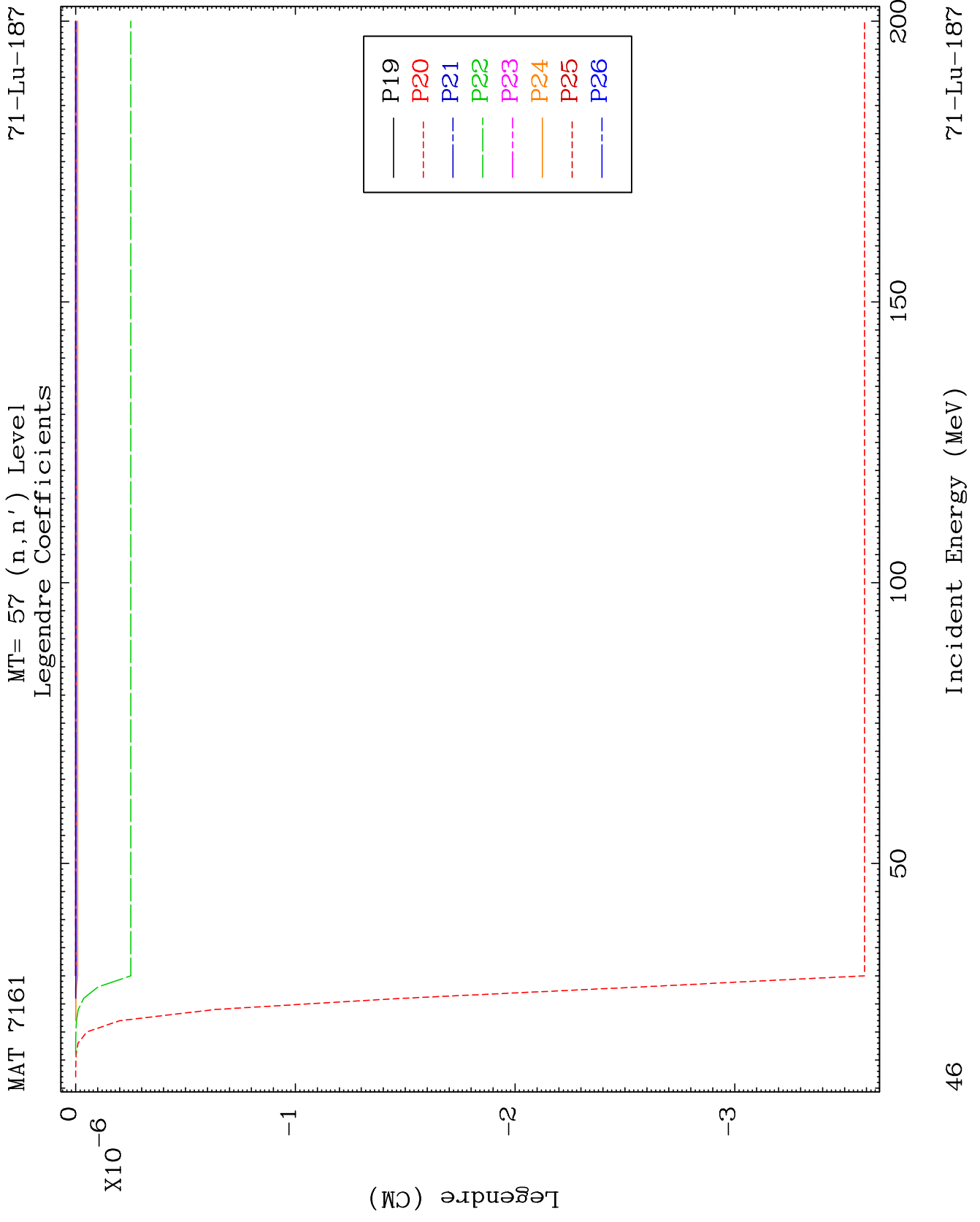
71-Lu-187

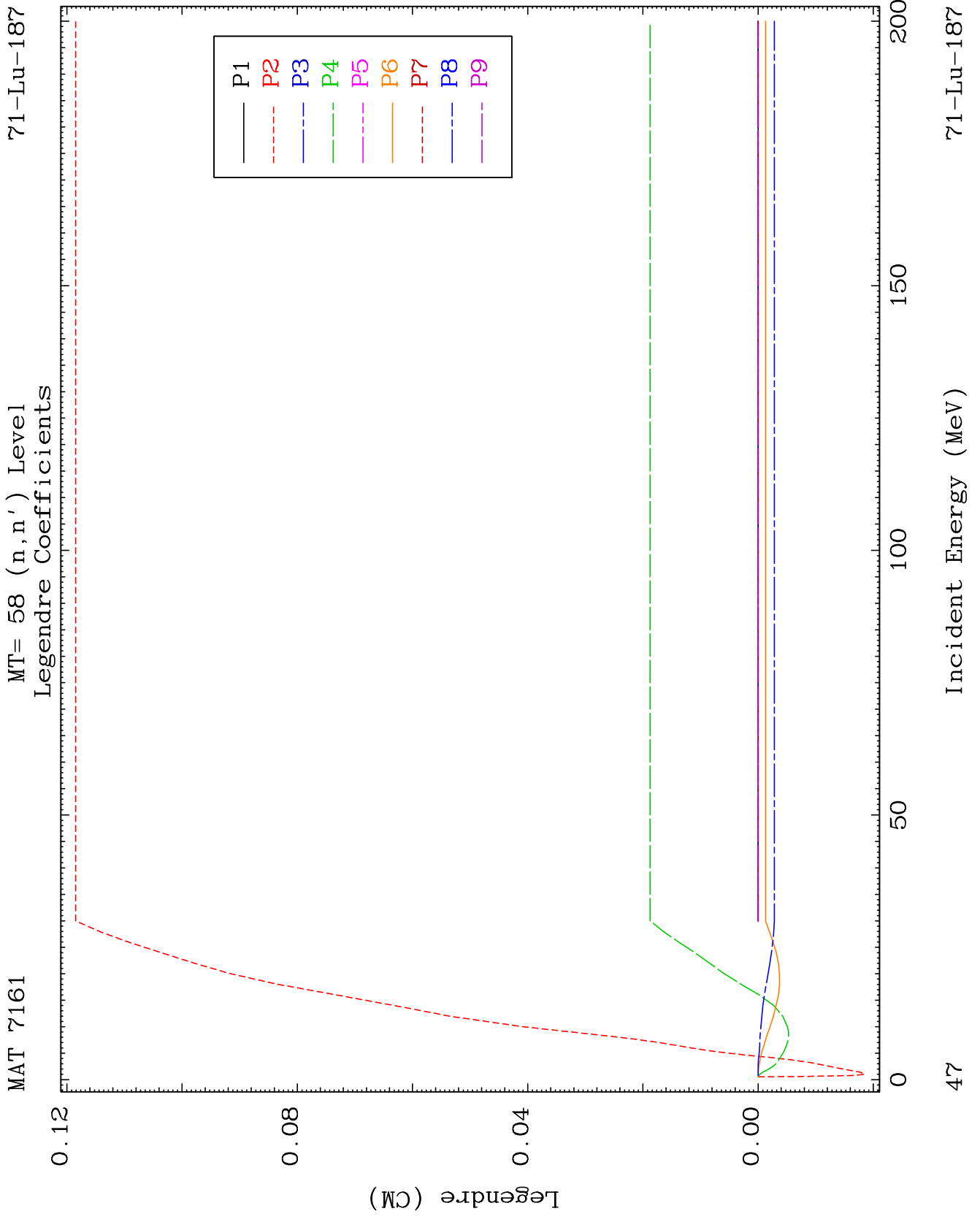
MAT 7161

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

71-Lu-187







71-Lu-187

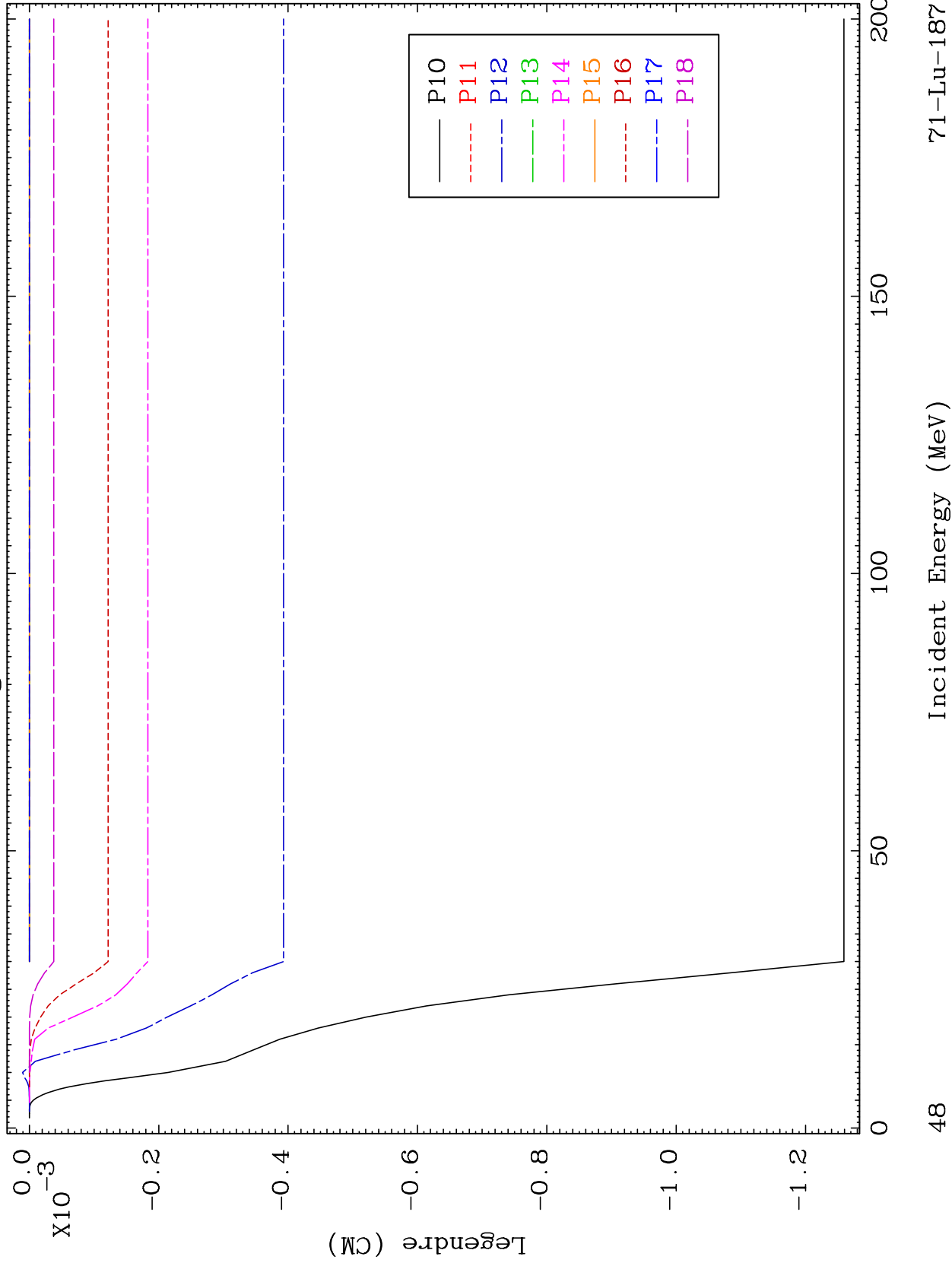
Incident Energy (MeV)

47

MAT 7161

71-Lu-187

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



71-Lu-187

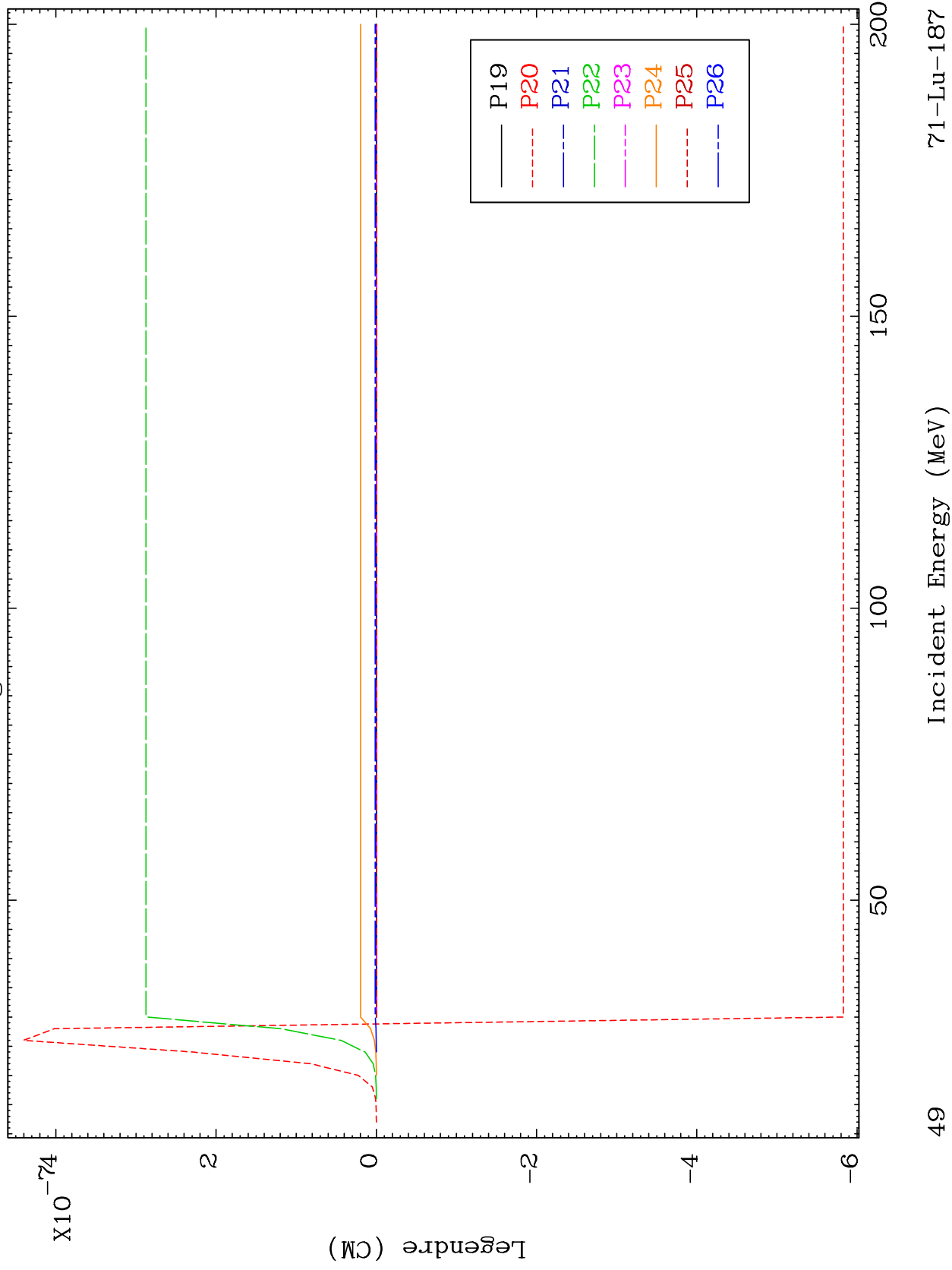
Incident Energy (MeV)

48

MAT 7161

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

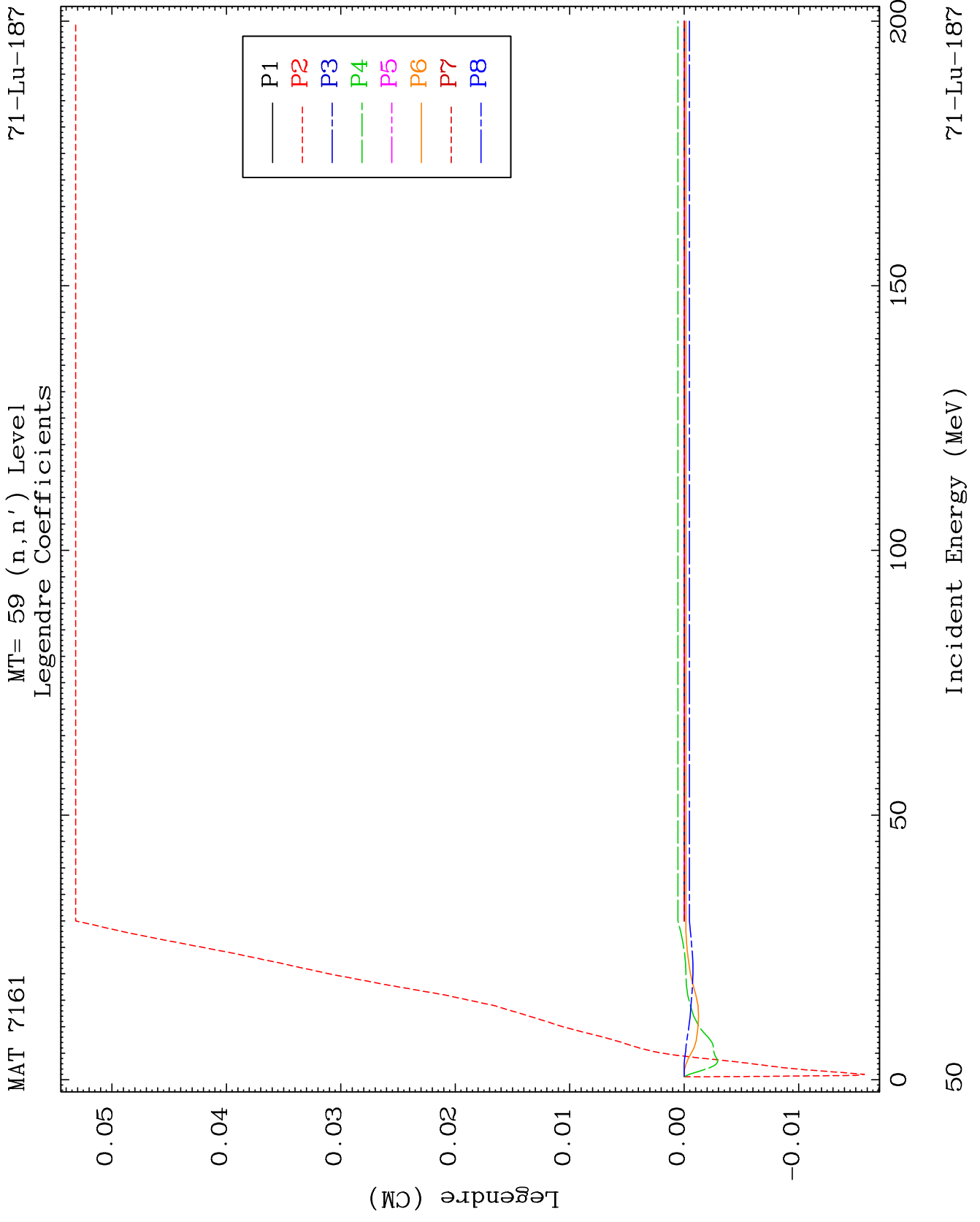
71-Lu-187

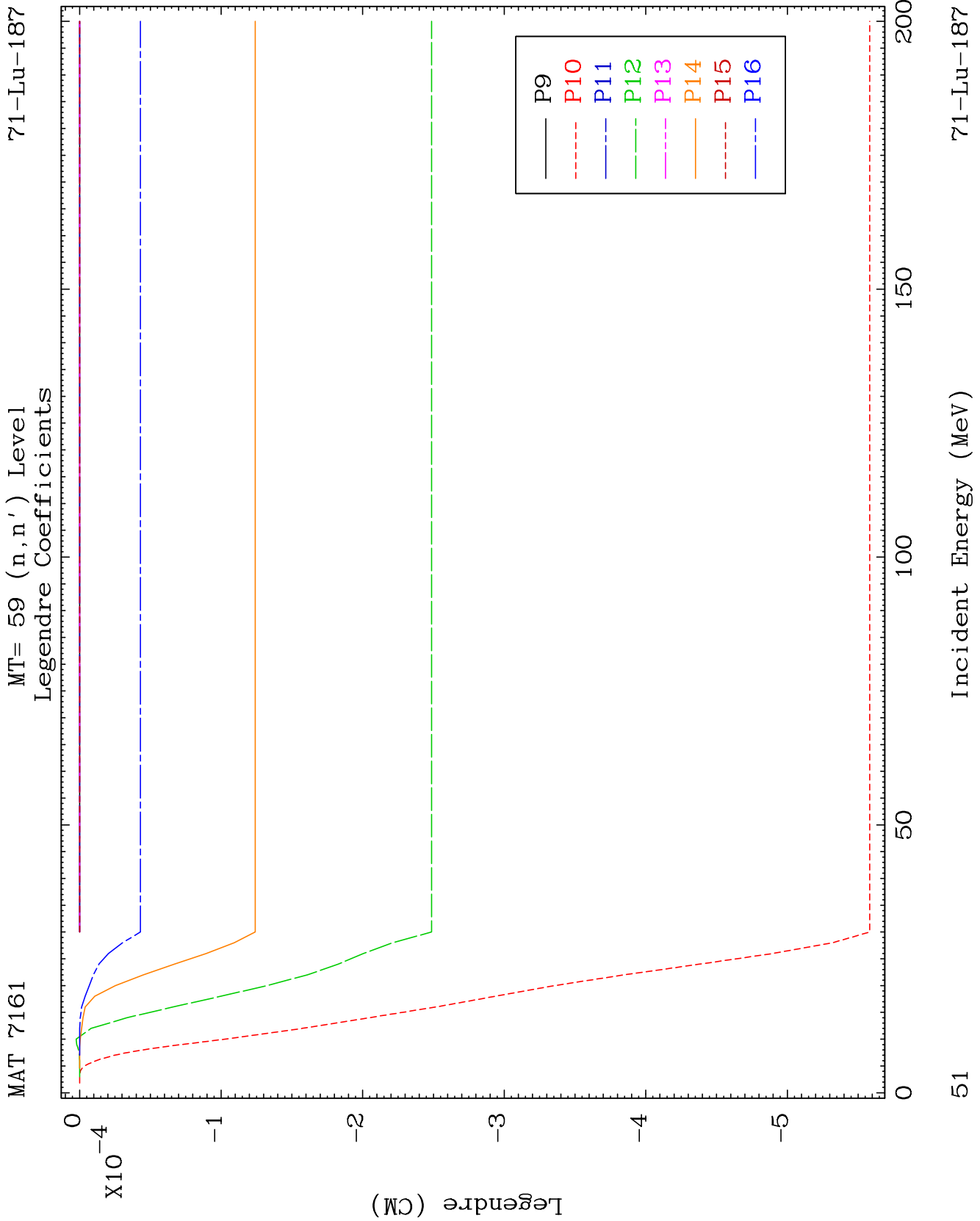


71-Lu-187

Incident Energy (MeV)

49

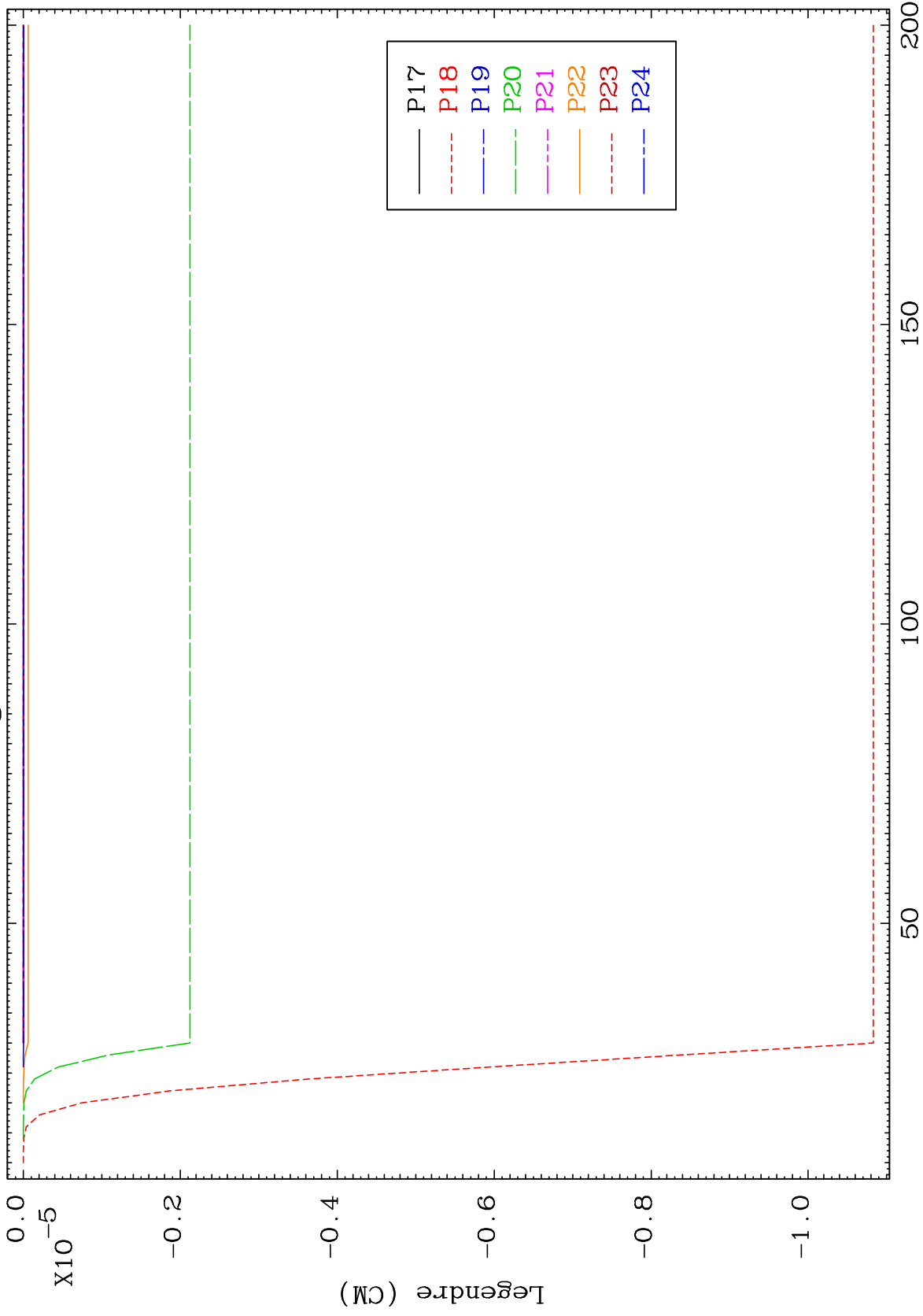




MAT 7161

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

71-Lu-187



52

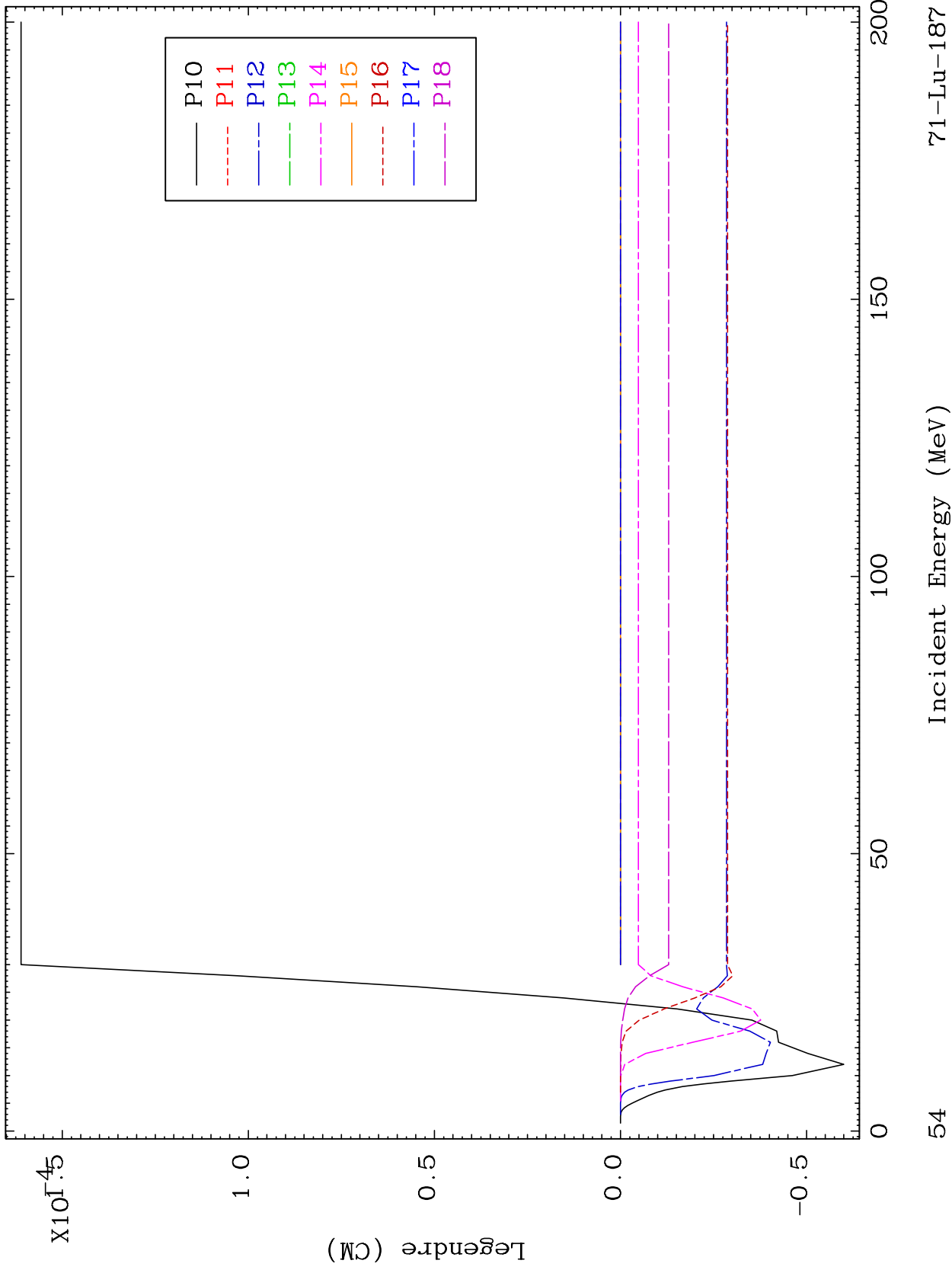
Incident Energy (MeV)

71-Lu-187

MAT 7161

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

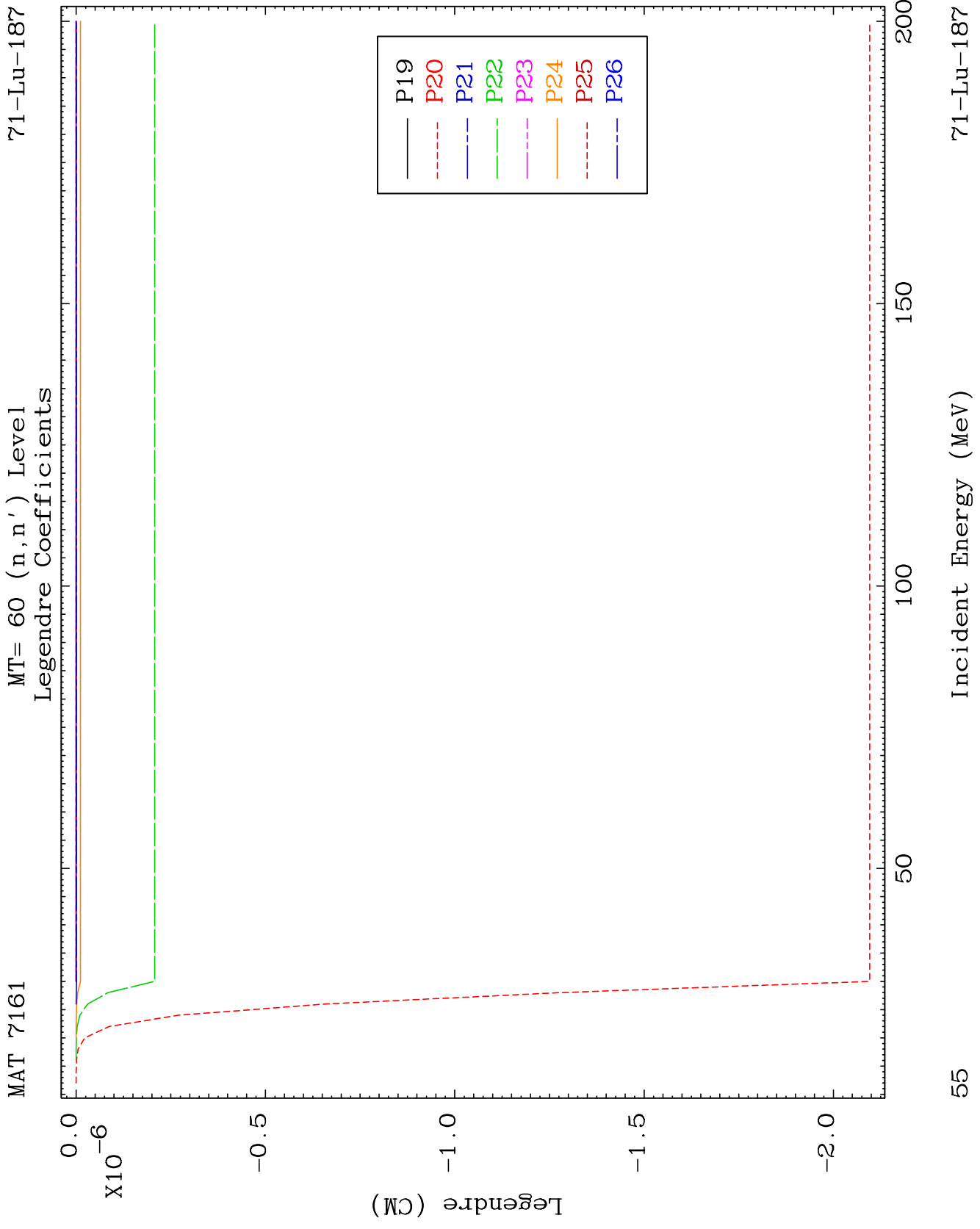
71-Lu-187



54

Incident Energy (MeV)

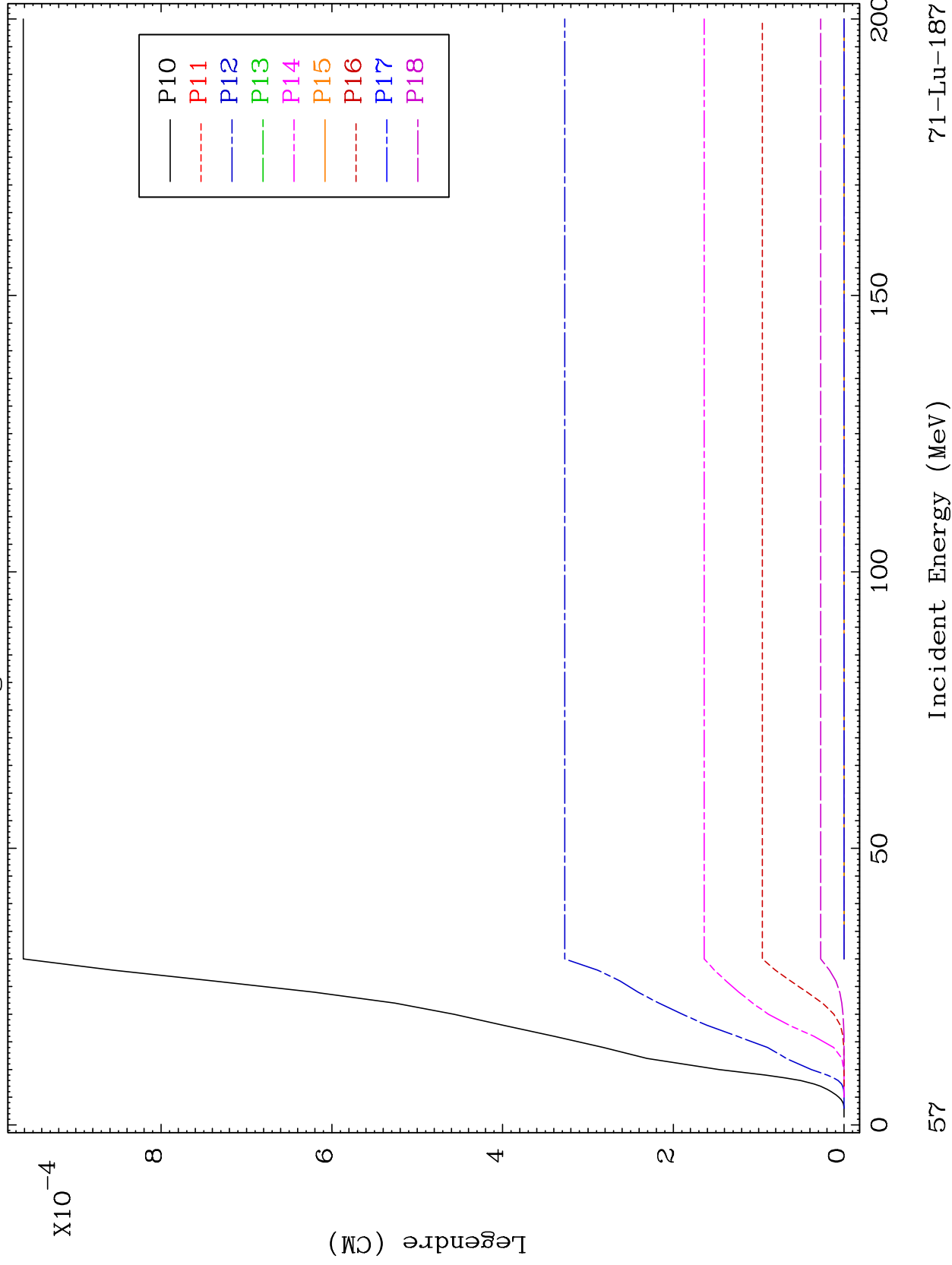
71-Lu-187

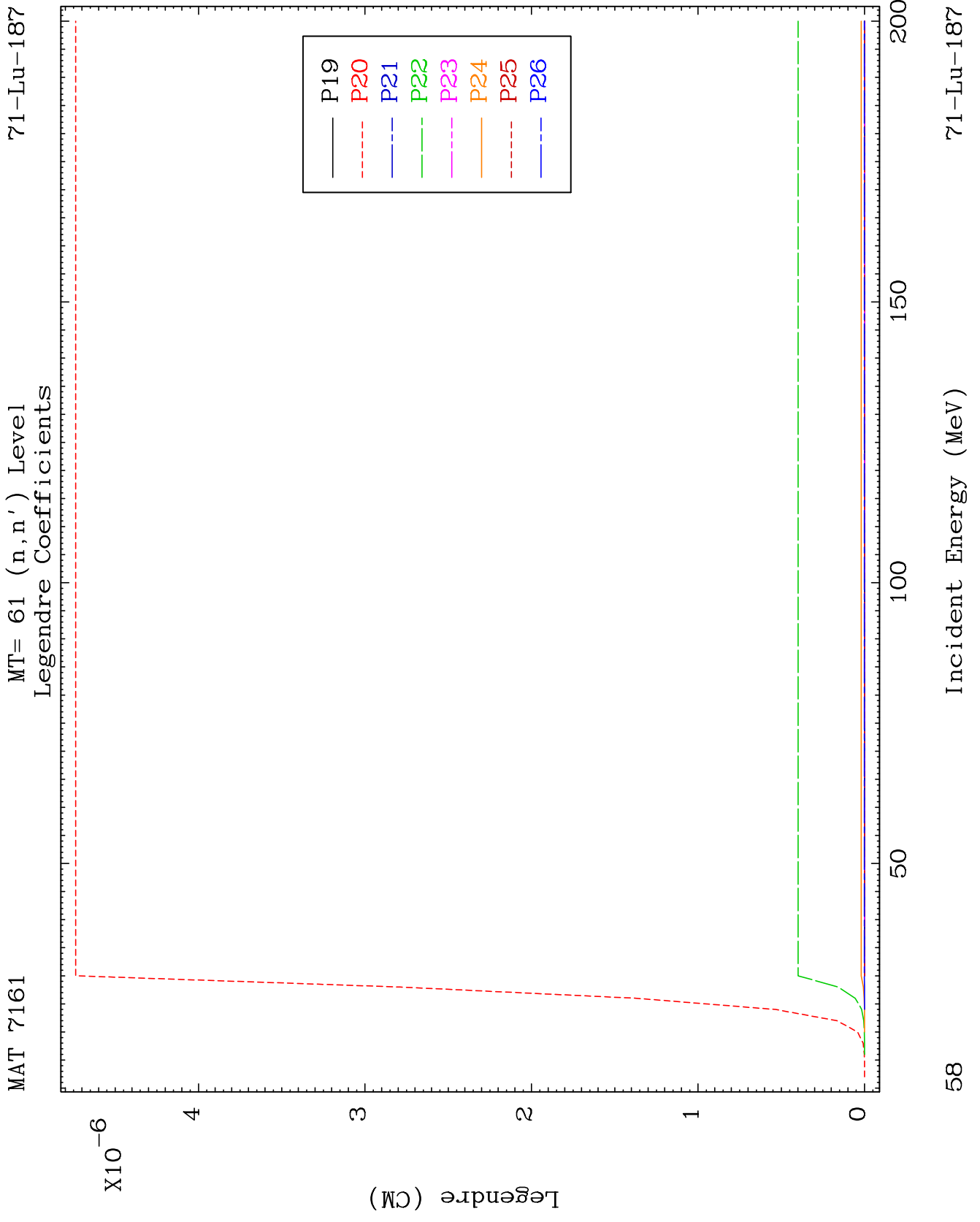


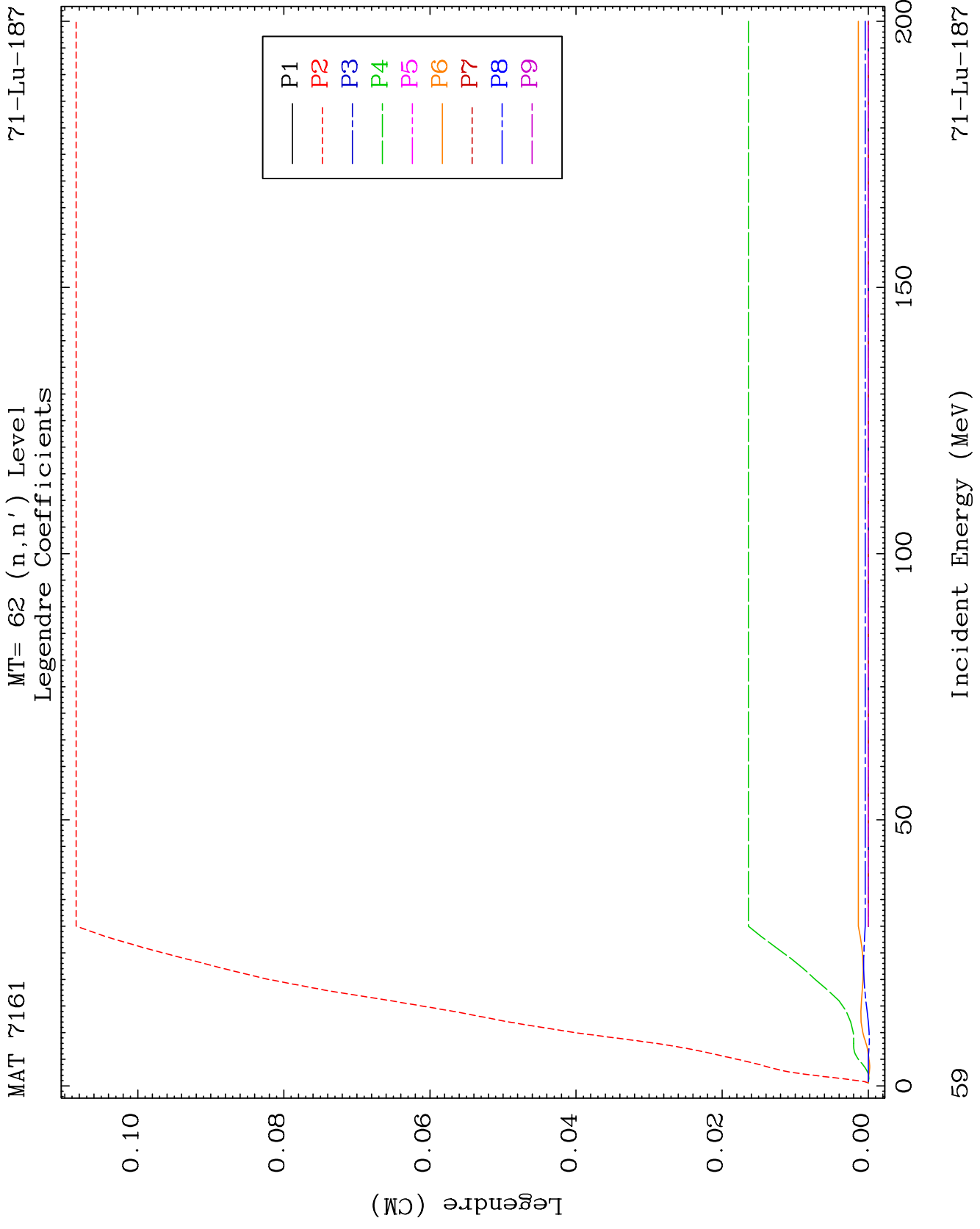
MAT 7161

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

71-Lu-187



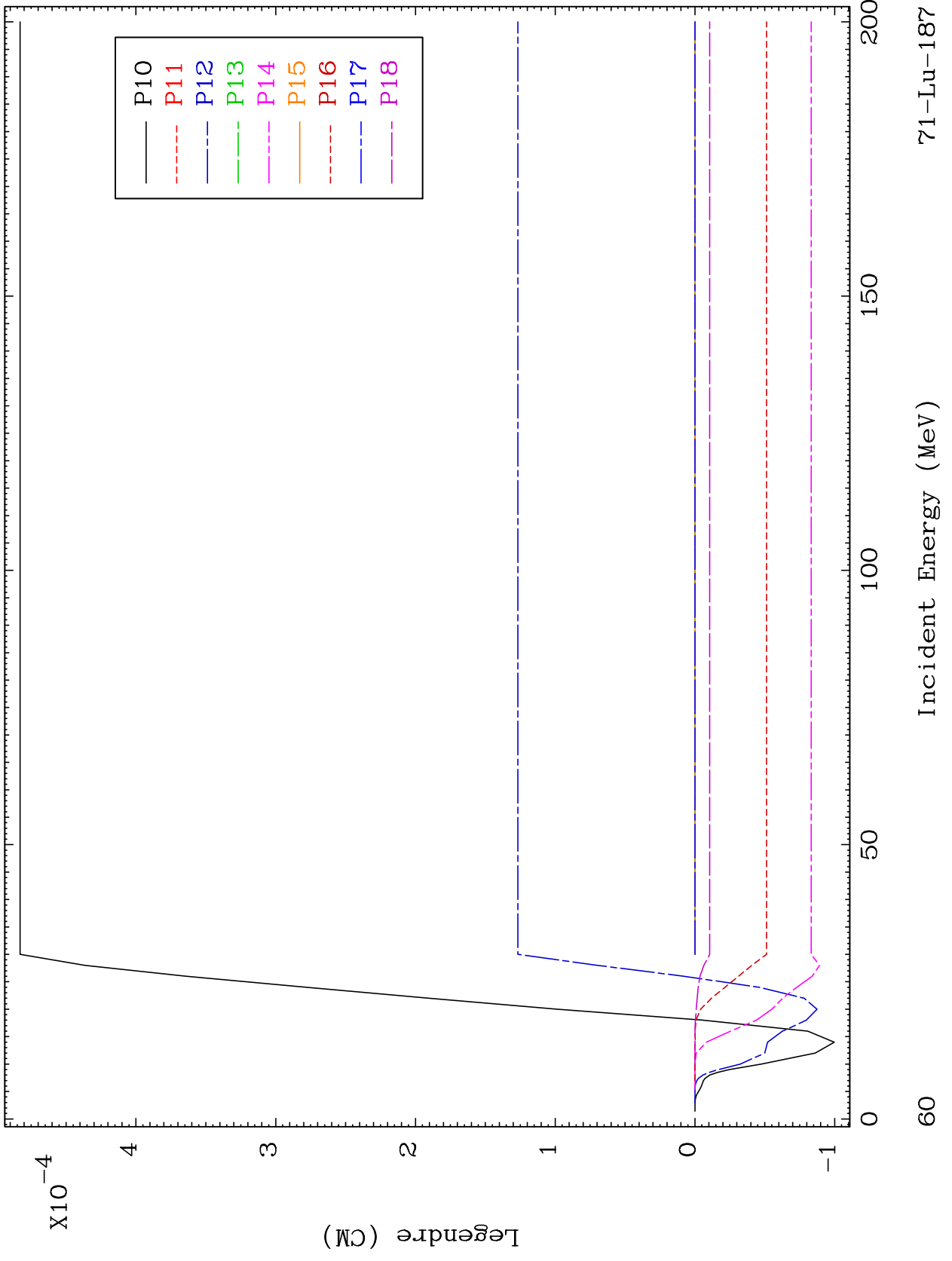


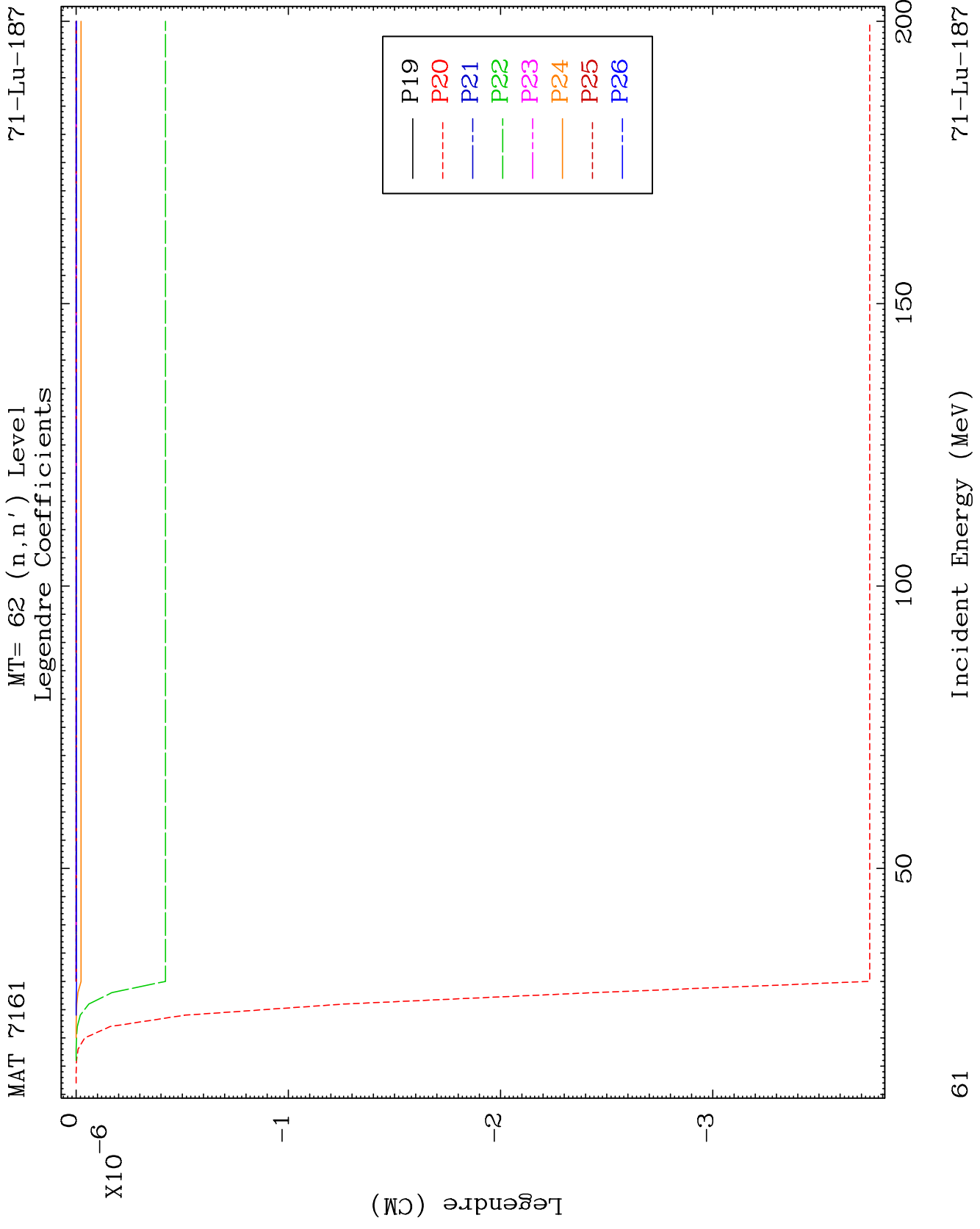


MAT 7161

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

71-Lu-187

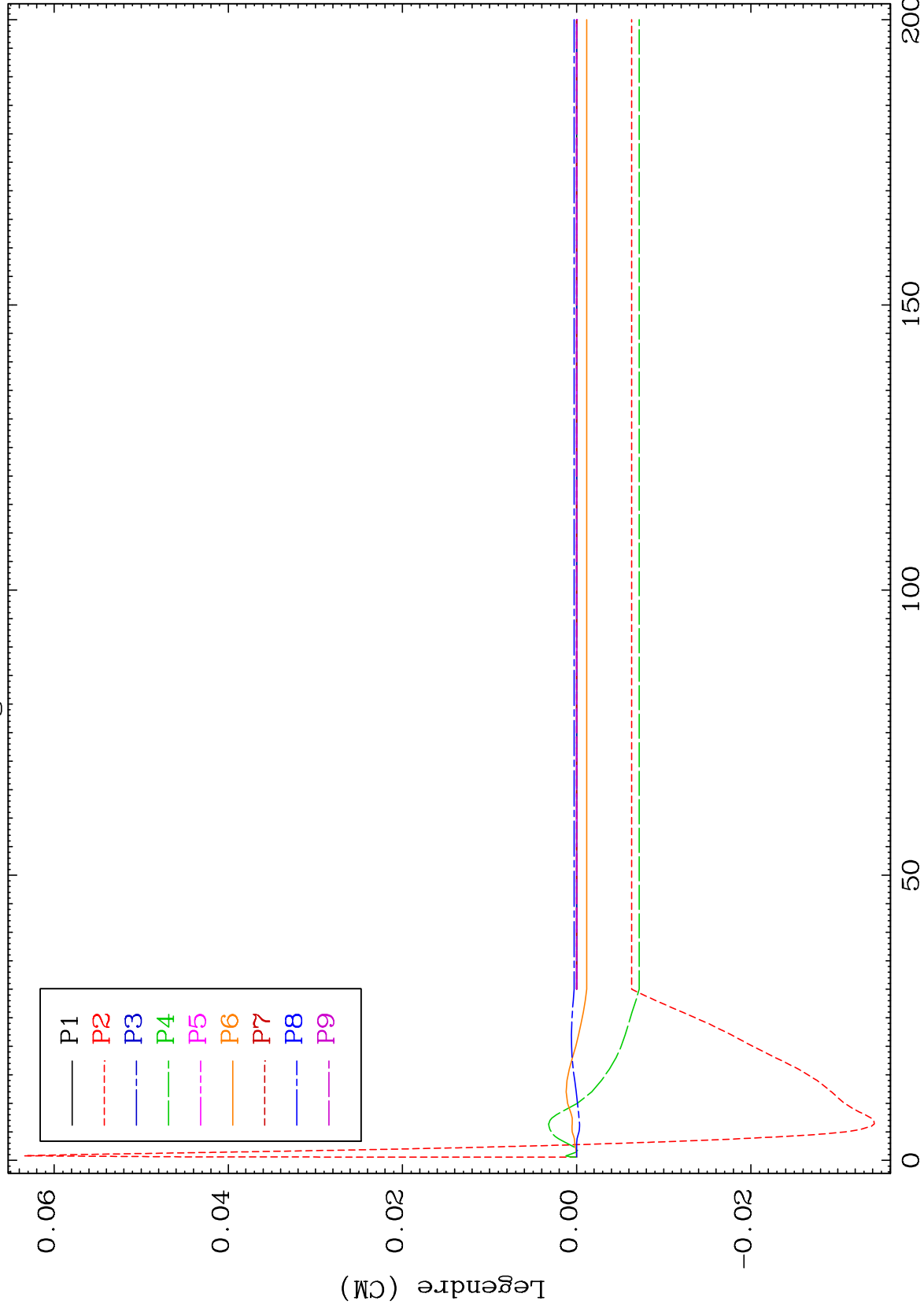




MAT 7161

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

71-Lu-187



62

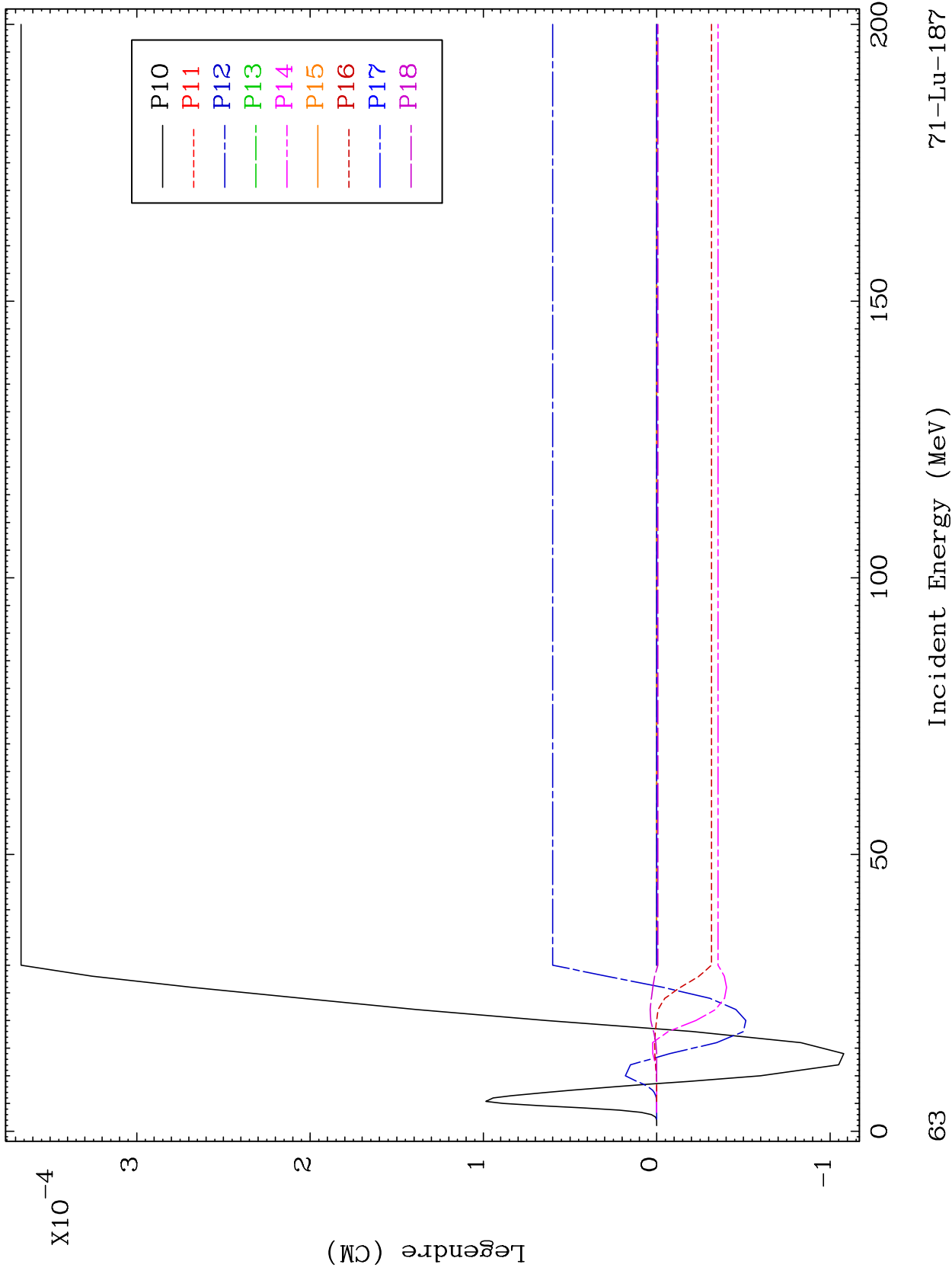
Incident Energy (MeV)

71-Lu-187

MAT 7161

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

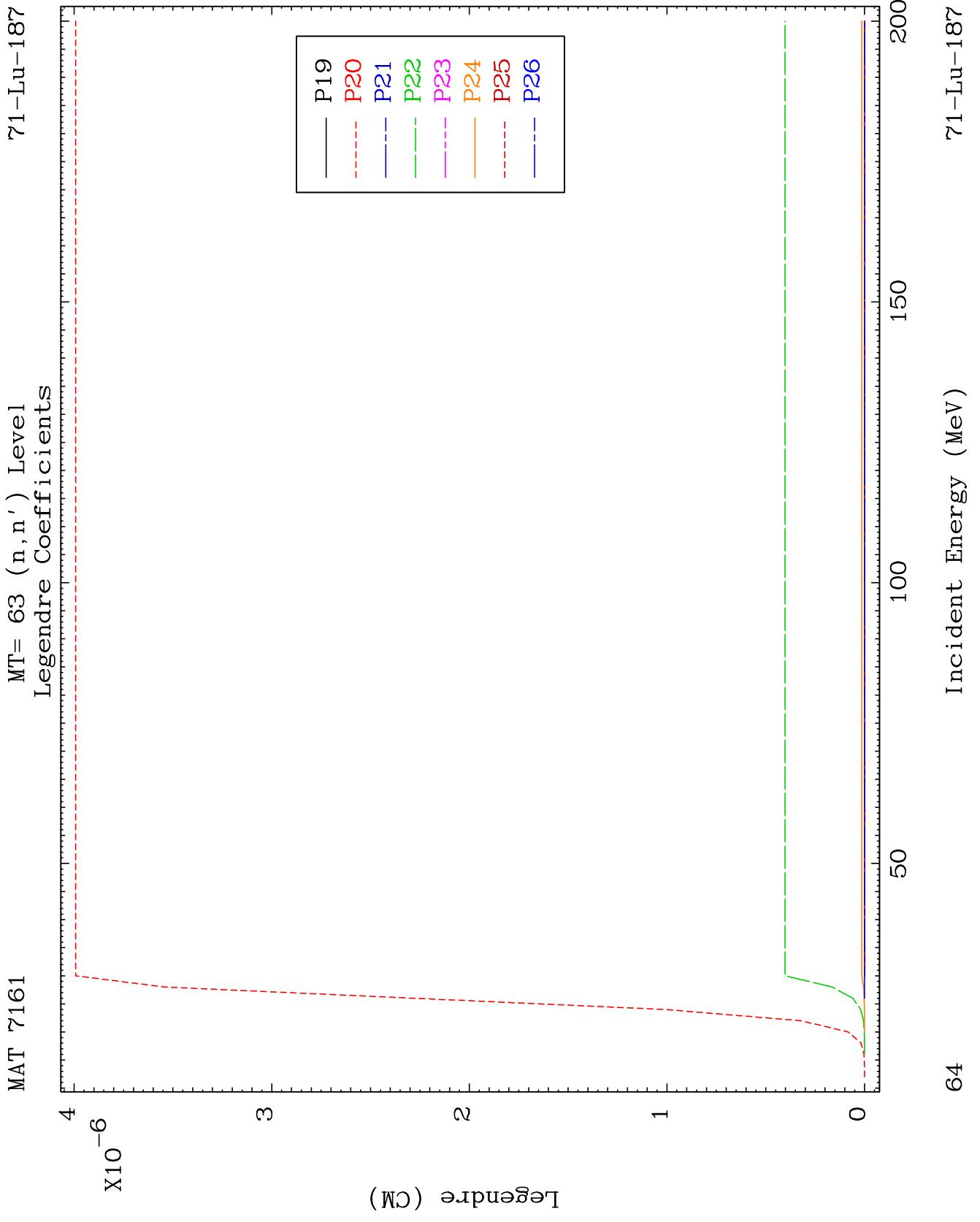
71-Lu-187

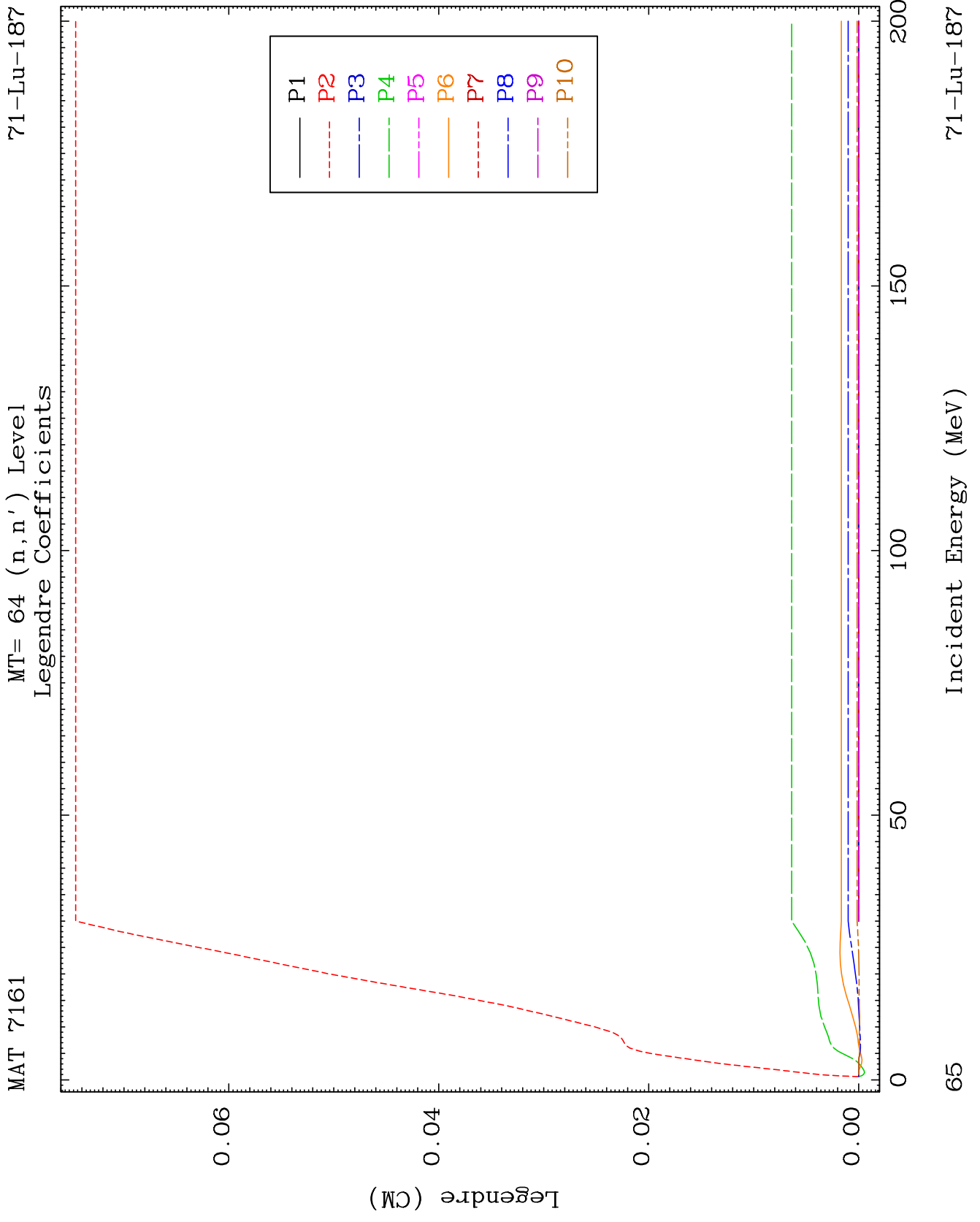


63

Incident Energy (MeV)

71-Lu-187

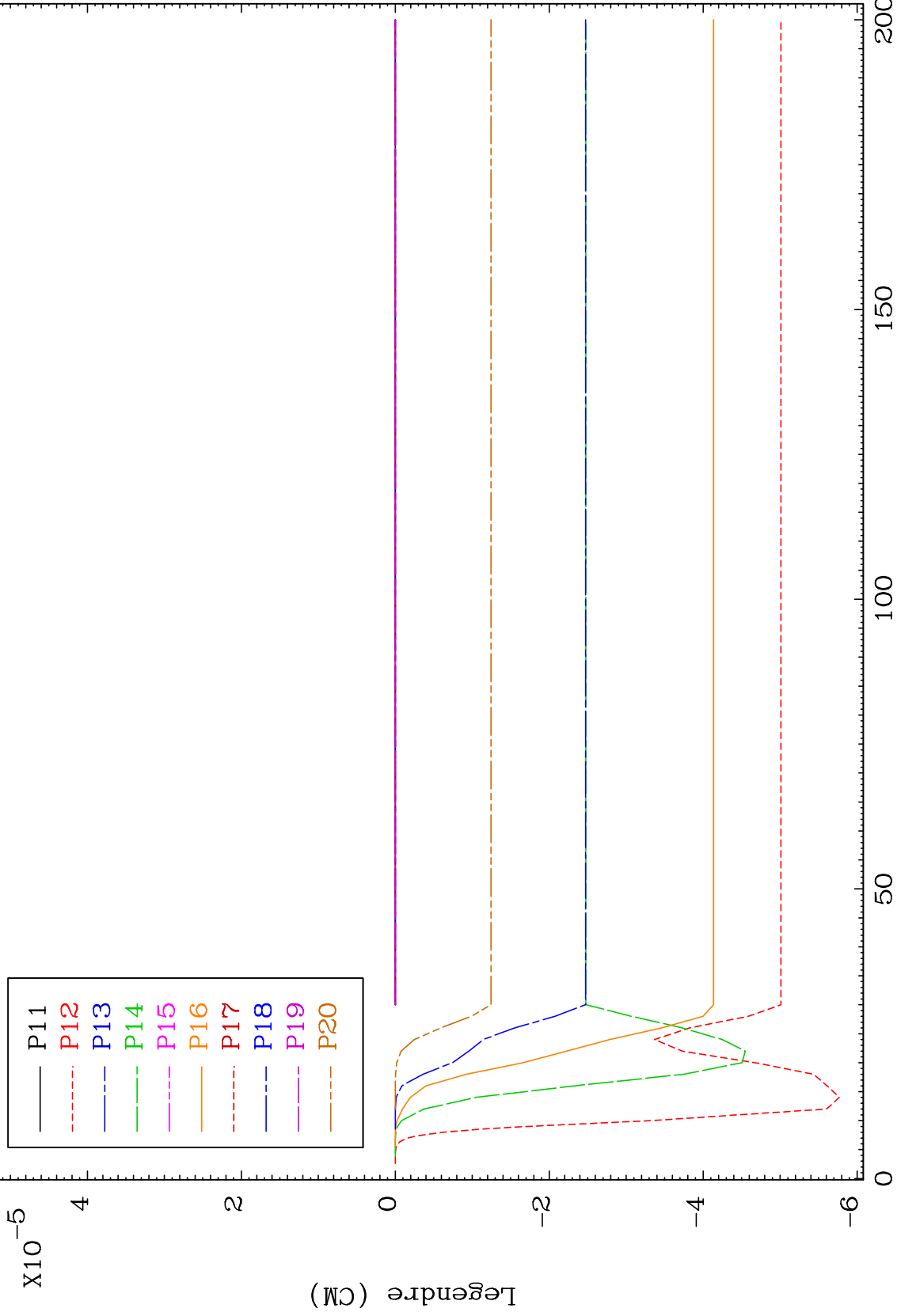
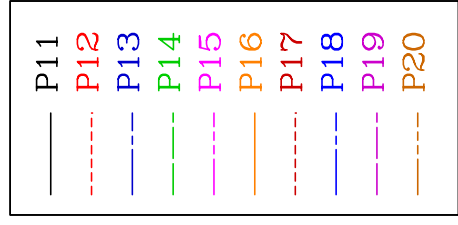




MAT 7161

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

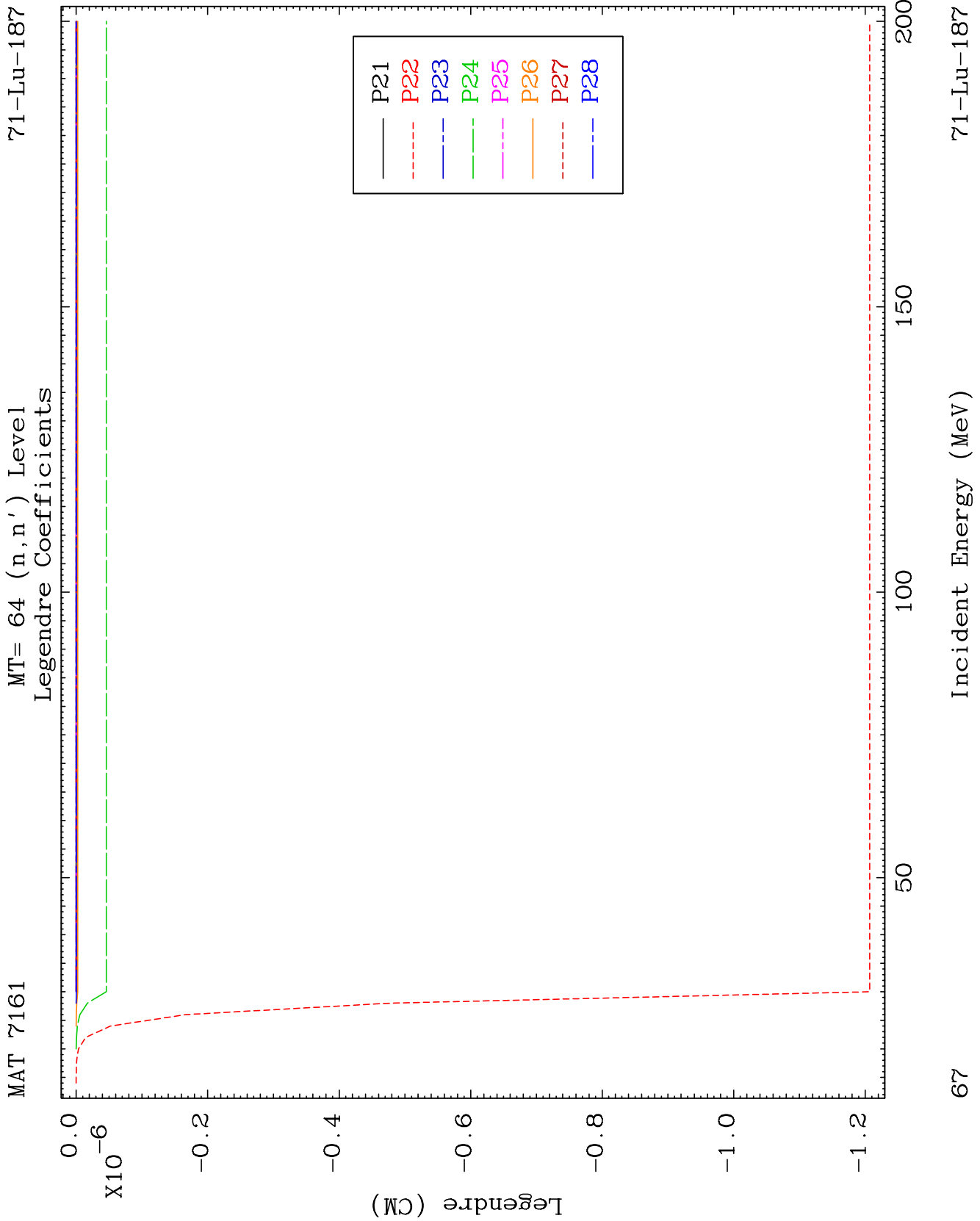
71-Lu-187

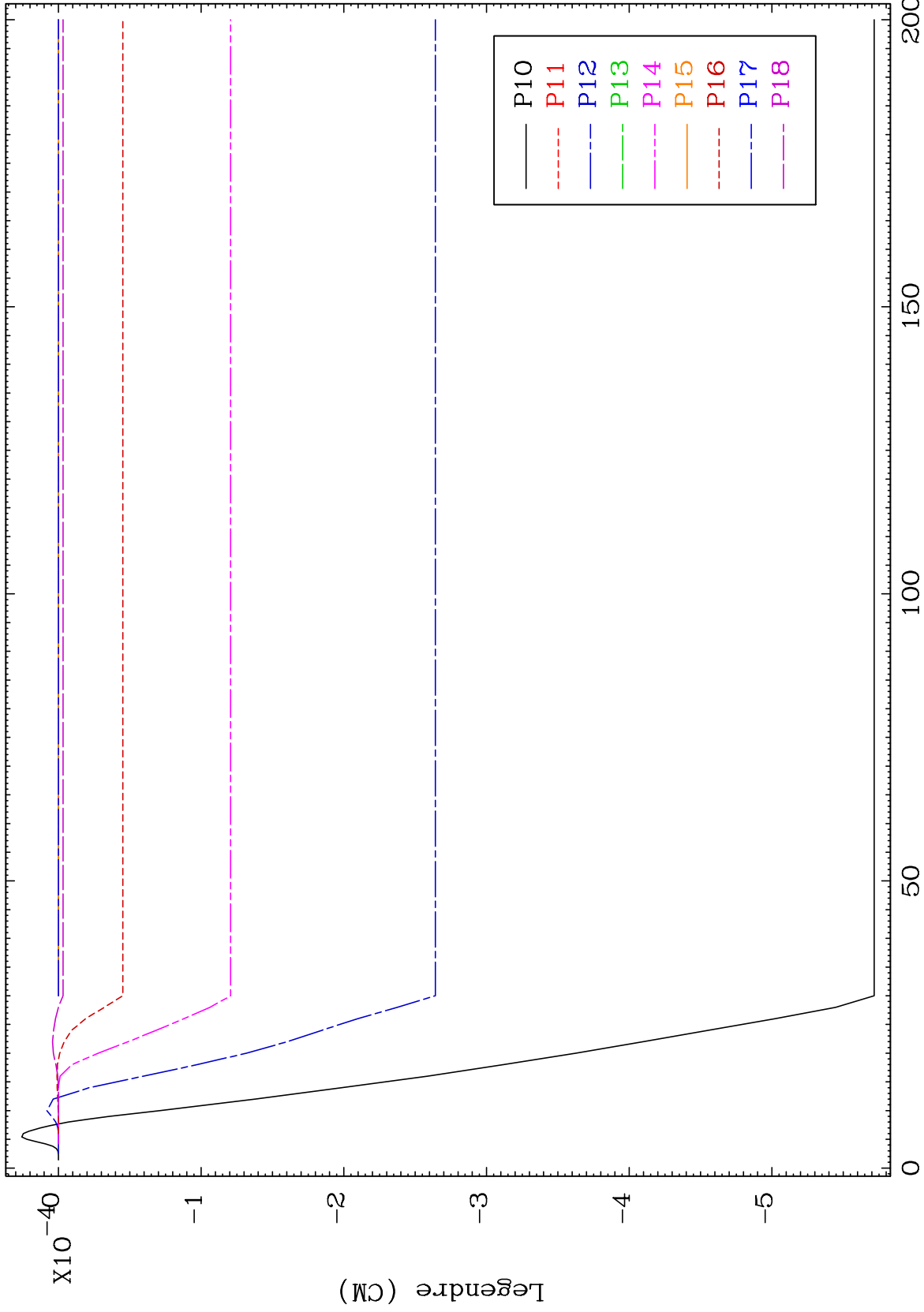


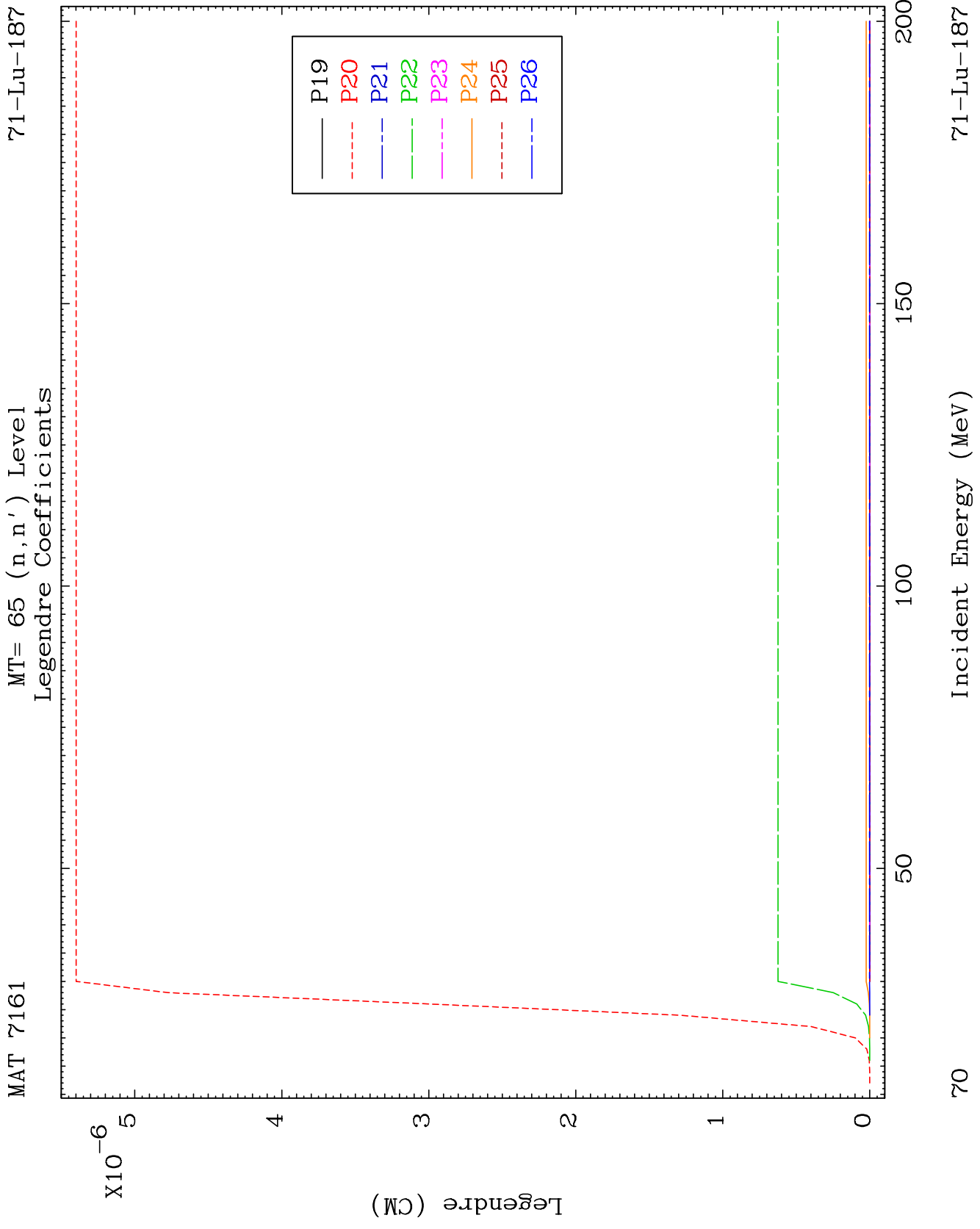
66

Incident Energy (MeV)

71-Lu-187



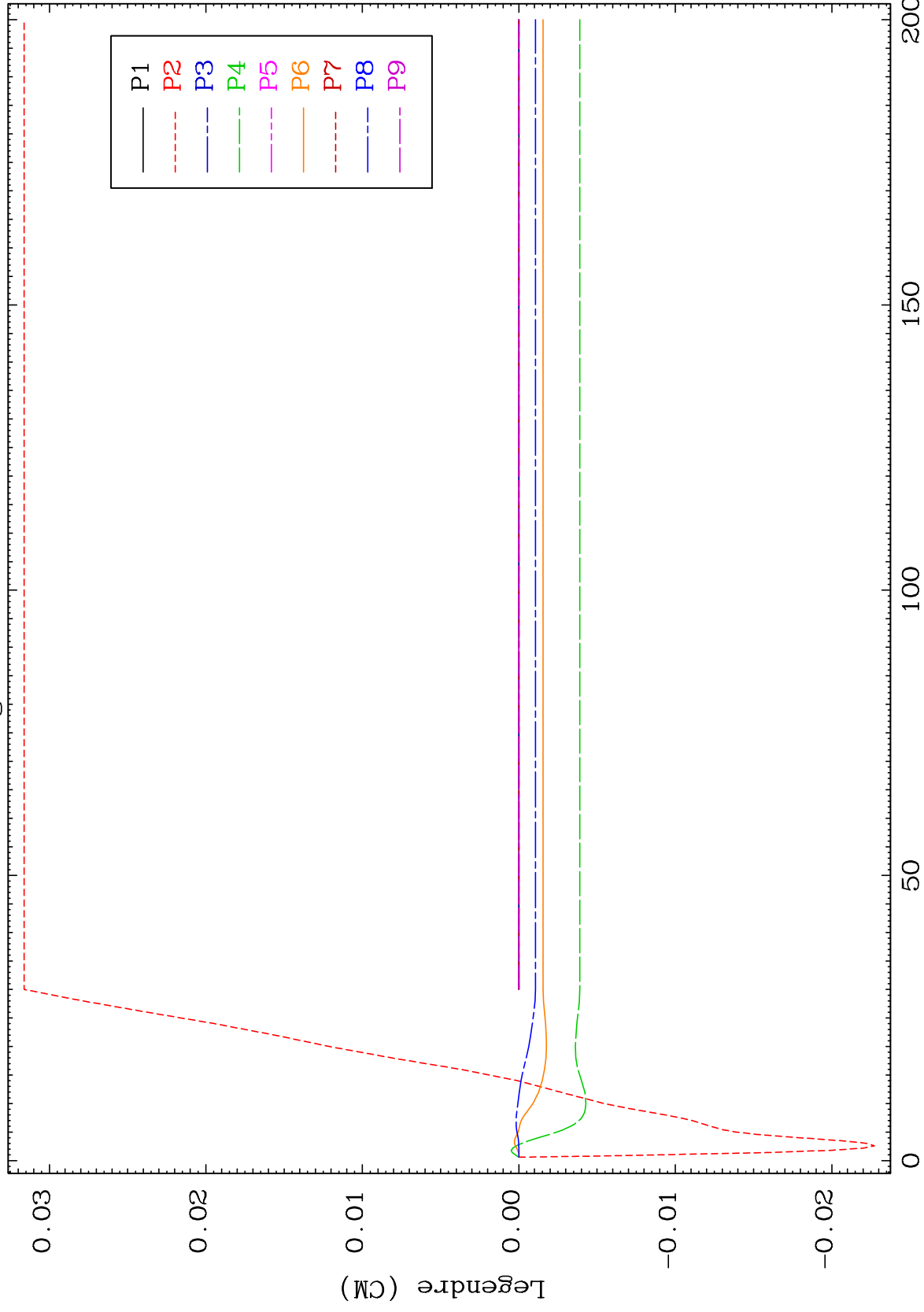




MAT 7161

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

71-Lu-187



71

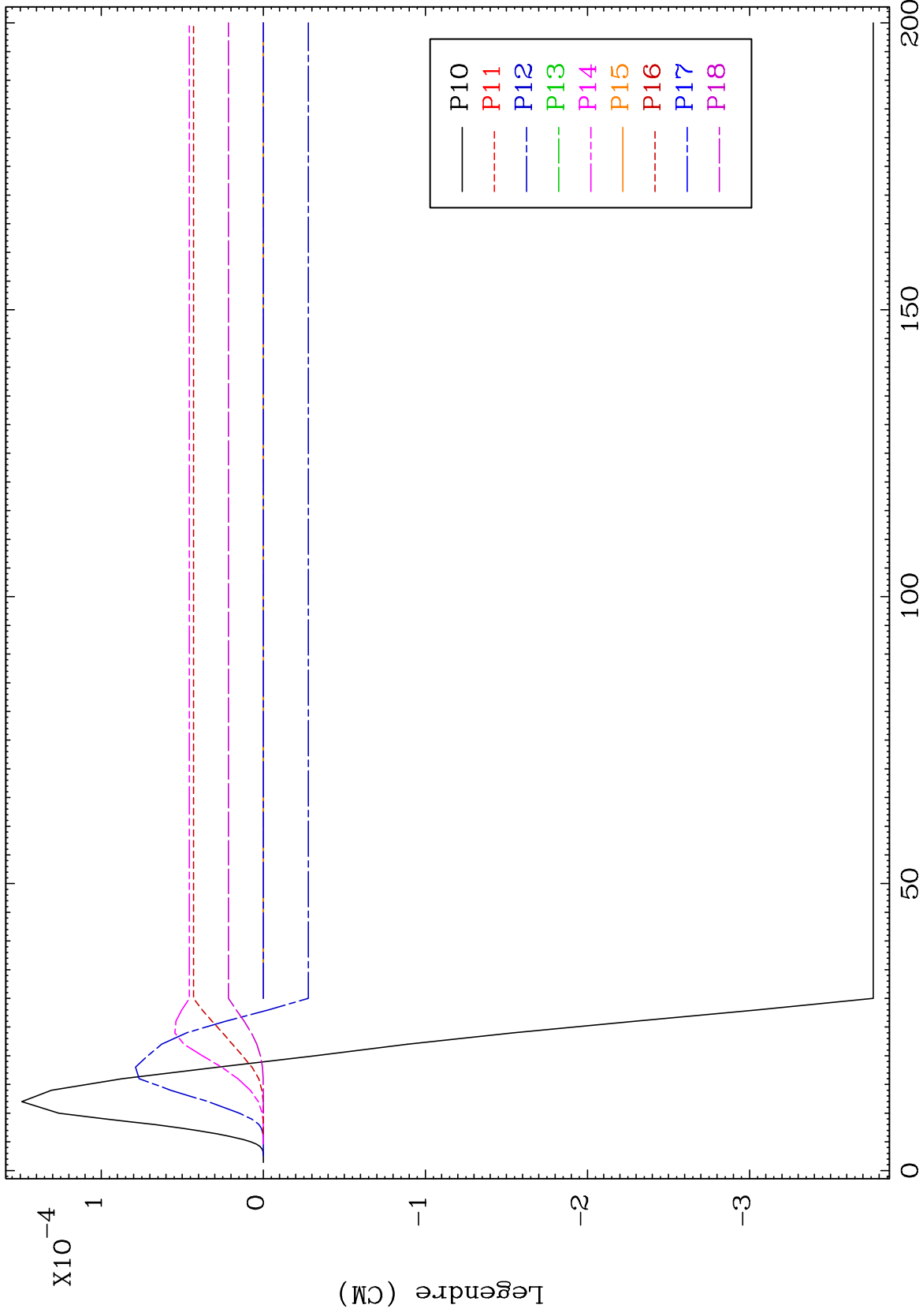
Incident Energy (MeV)

71-Lu-187

MAT 7161

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

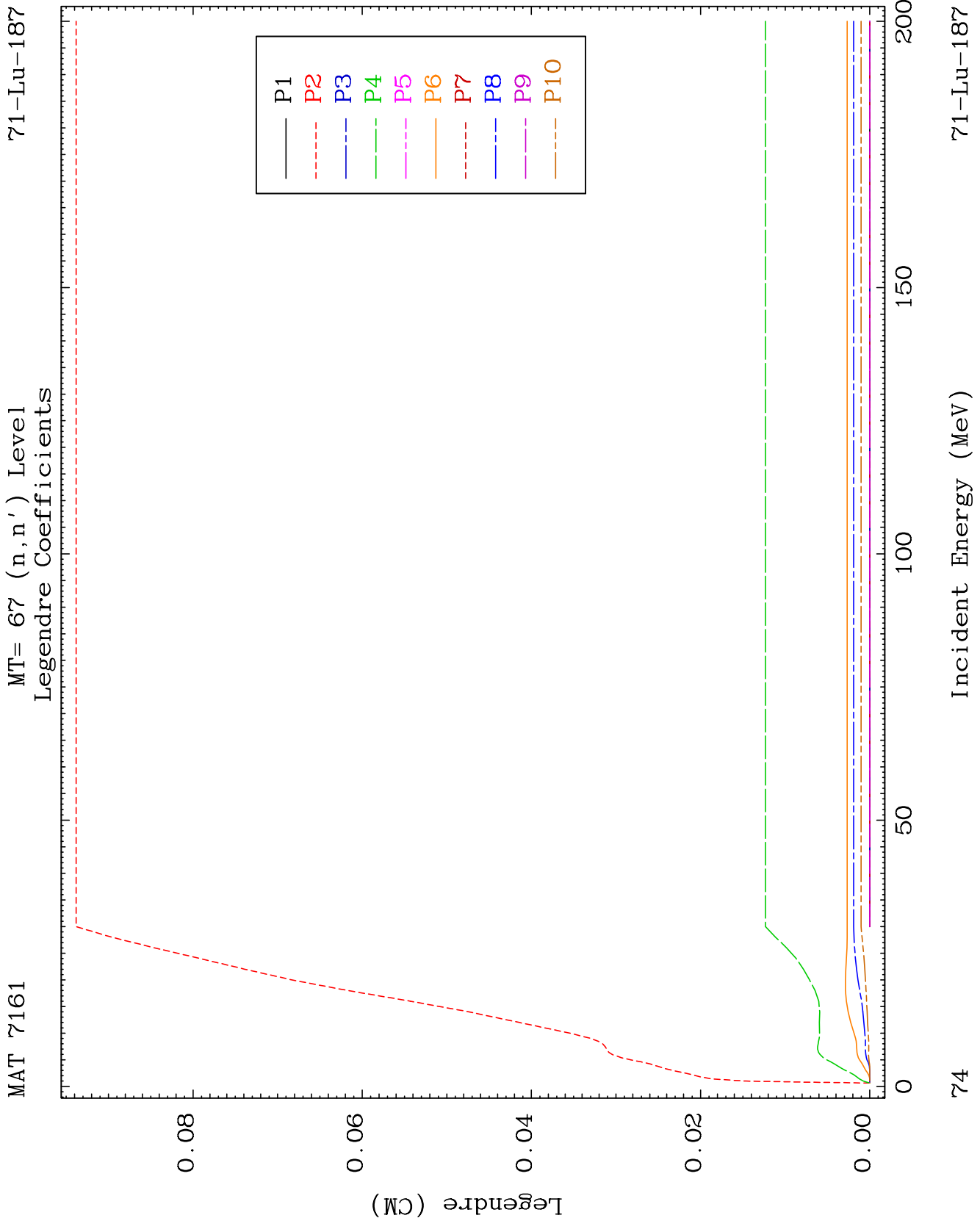
71-Lu-187

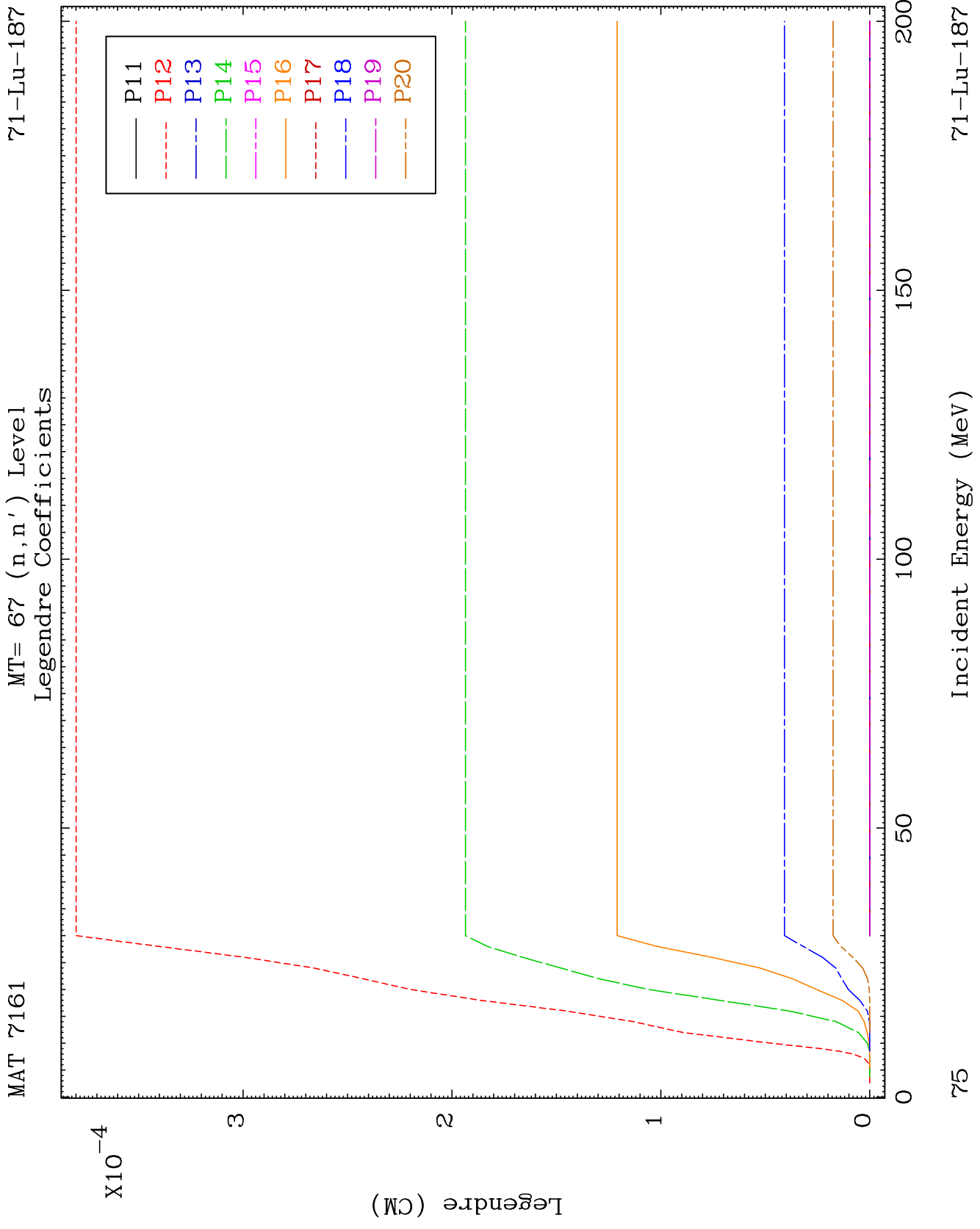


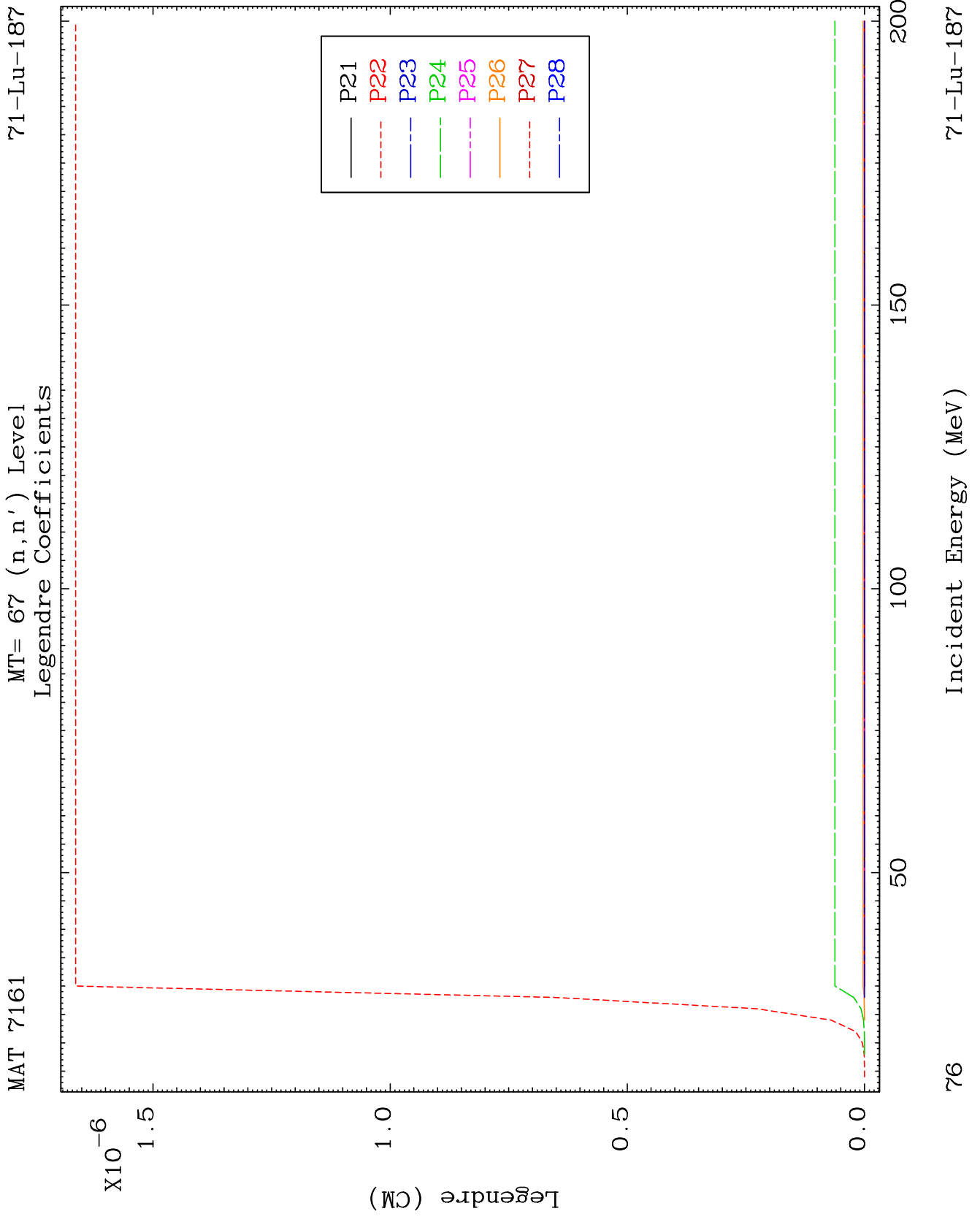
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Incident Energy (MeV)

71-Lu-187



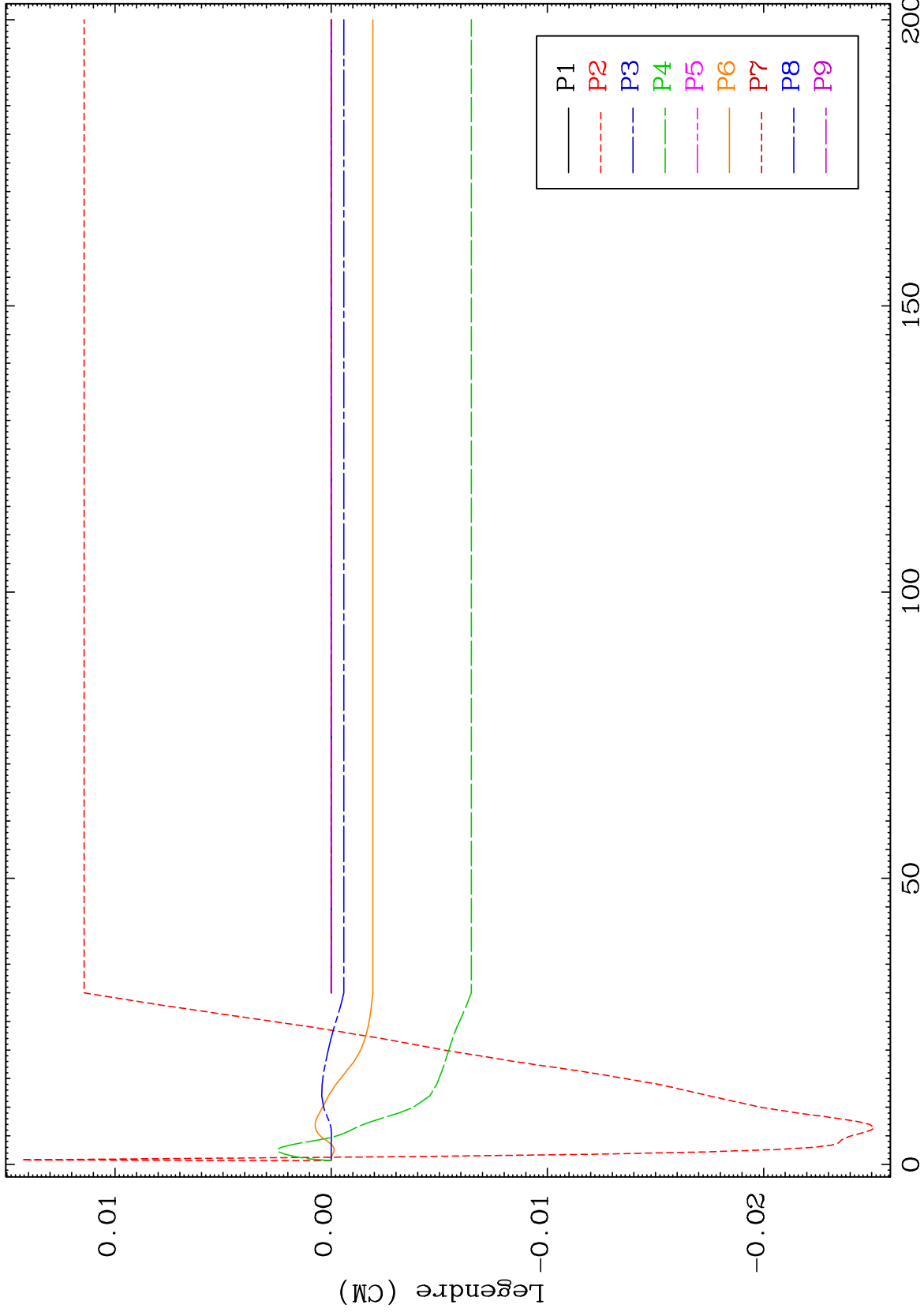




MAT 7161

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

71-Lu-187



77

Incident Energy (MeV)

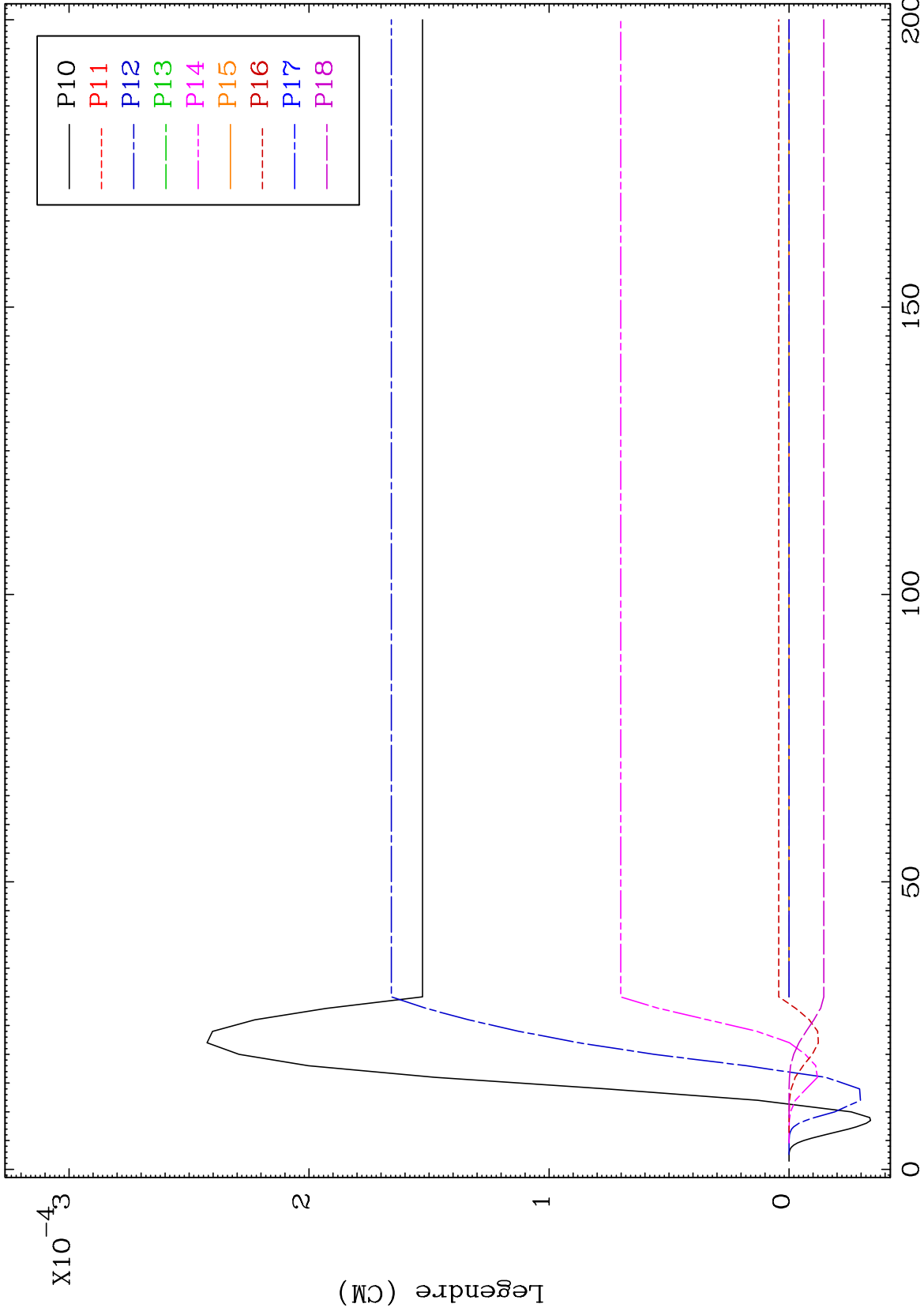
71-Lu-187

MAT 7161

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

71-Lu-187

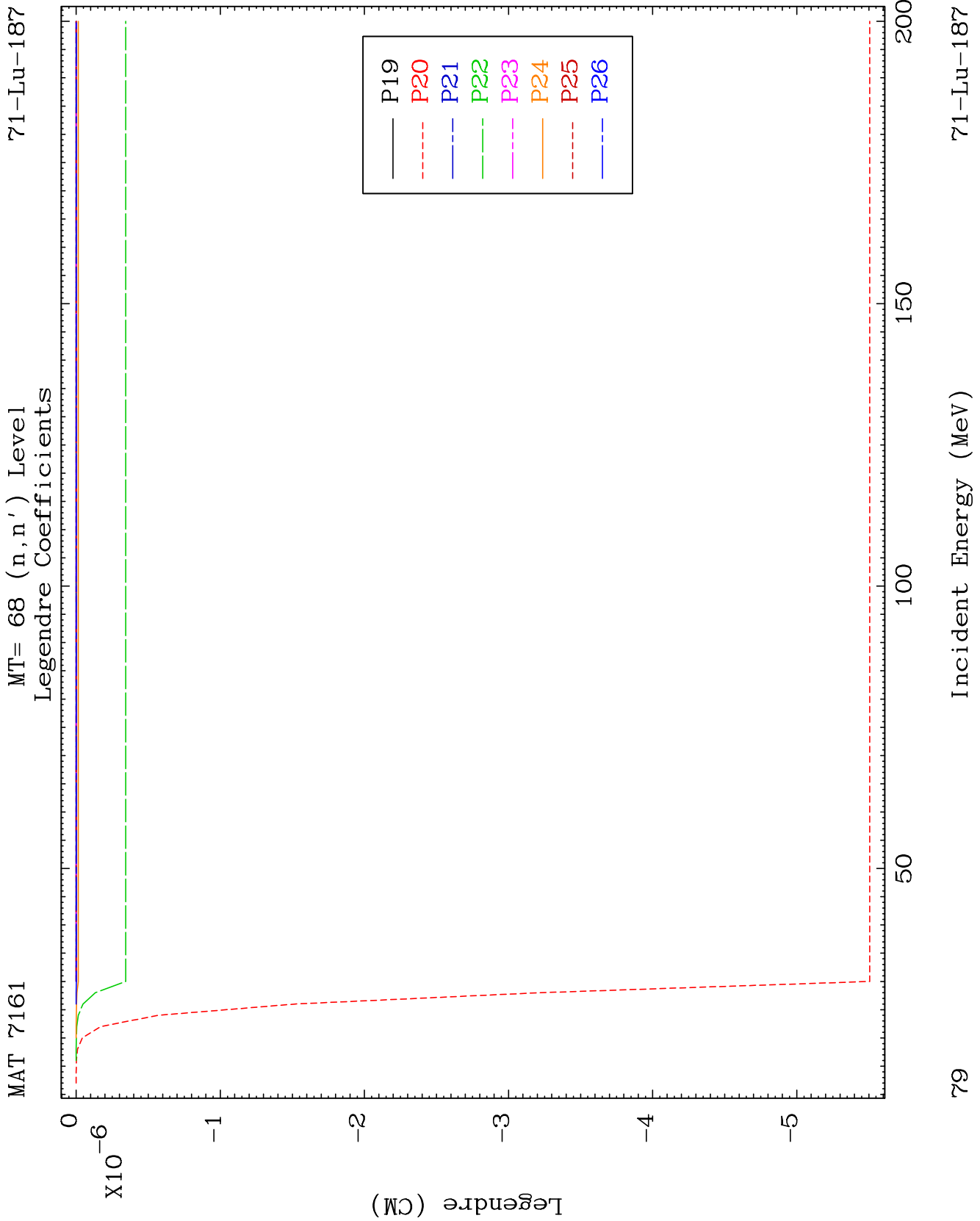
$\times 10^{-4}$



78

Incident Energy (MeV)

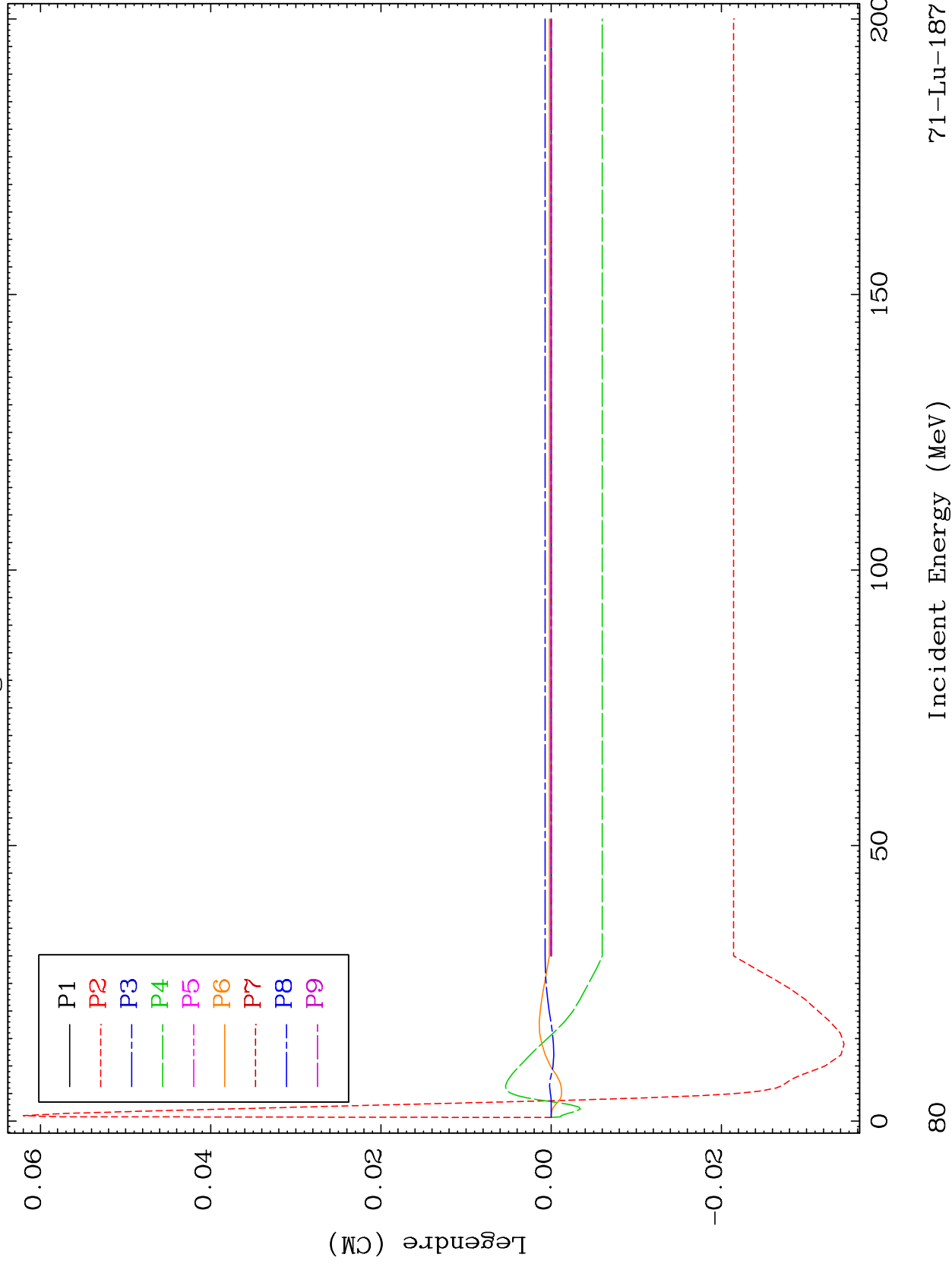
71-Lu-187



MAT 7161

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

71-Lu-187



71-Lu-187

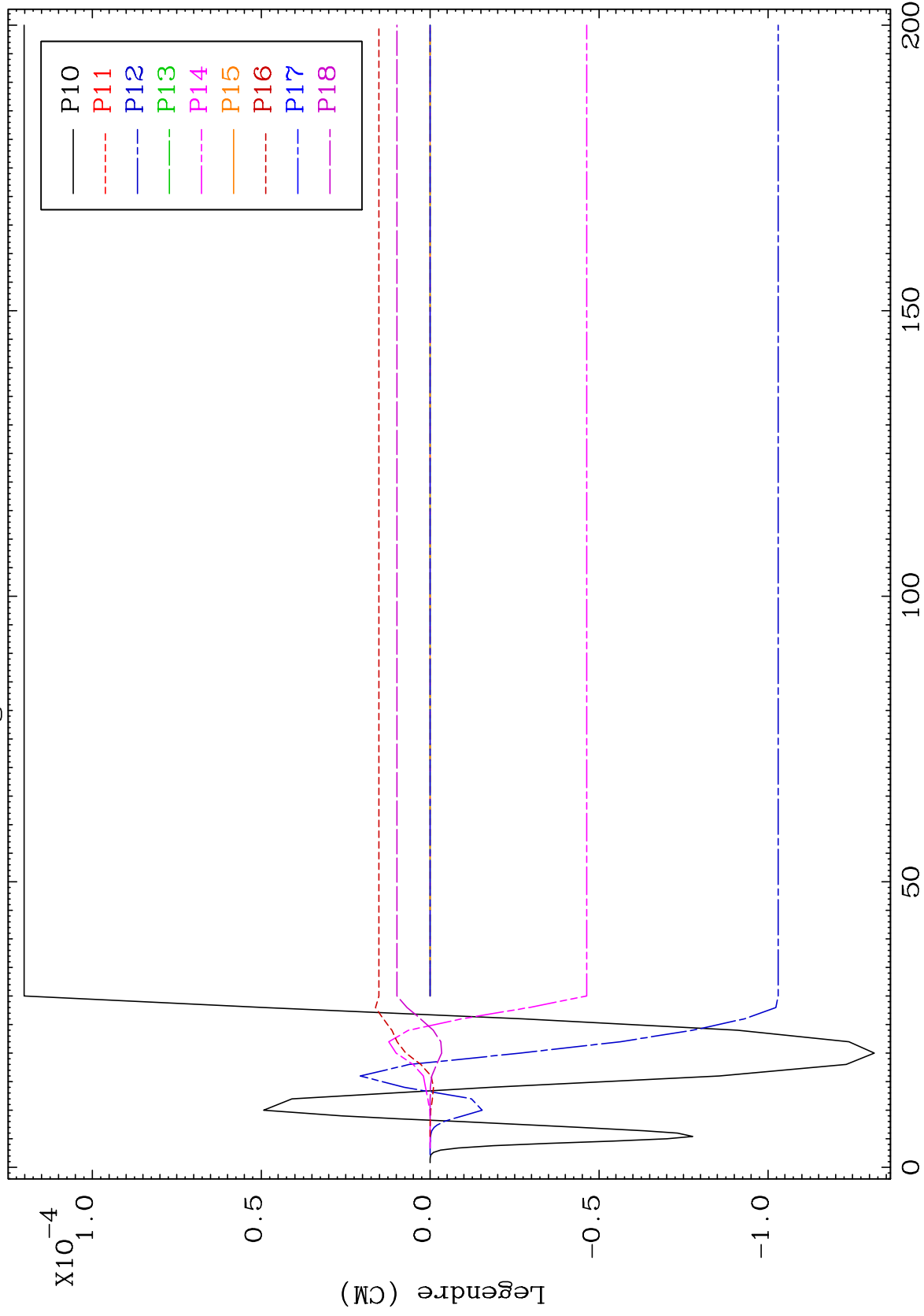
Incident Energy (MeV)

80

MAT 7161

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

71-Lu-187



81

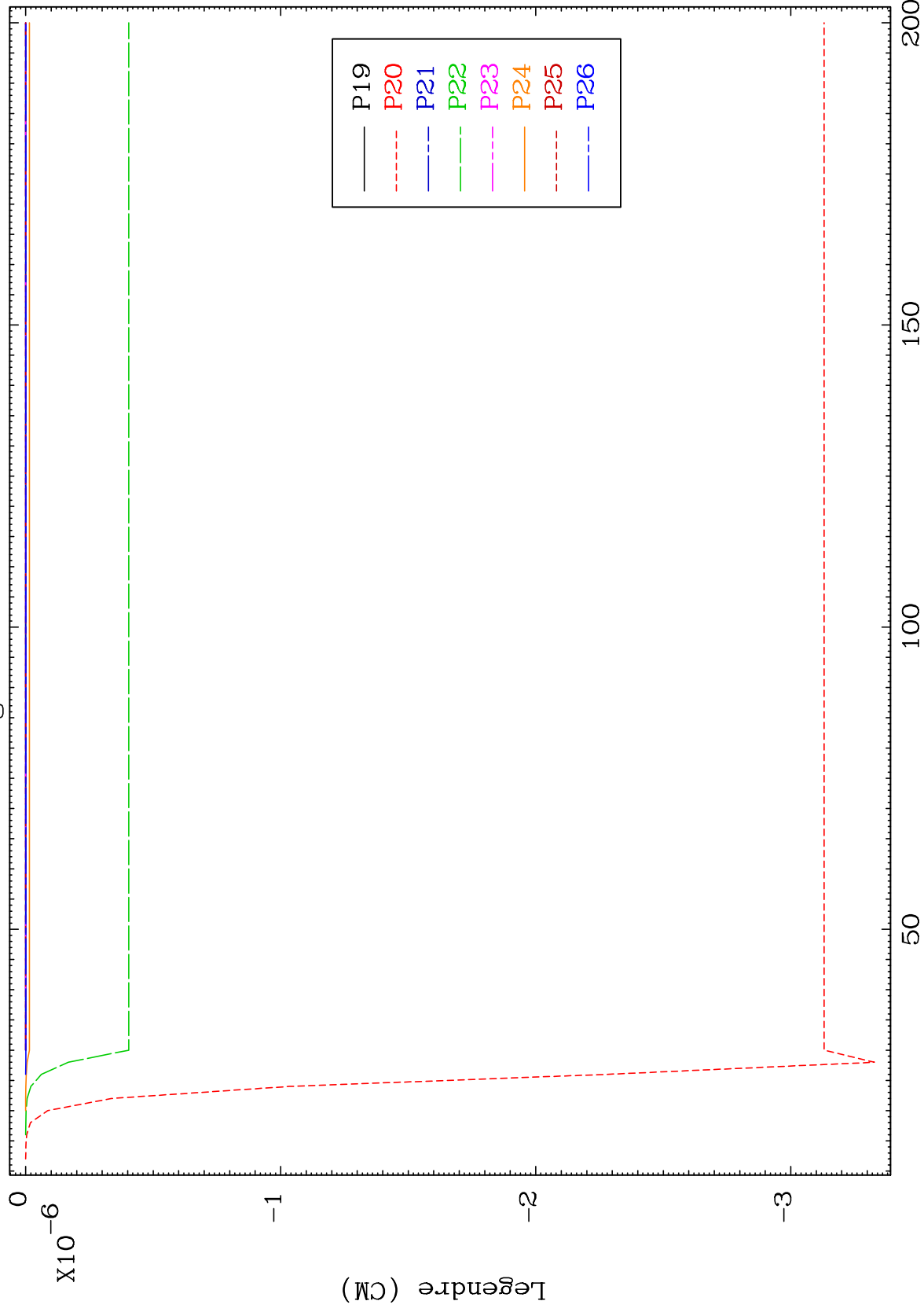
Incident Energy (MeV)

71-Lu-187

MAT 7161

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

71-Lu-187



82

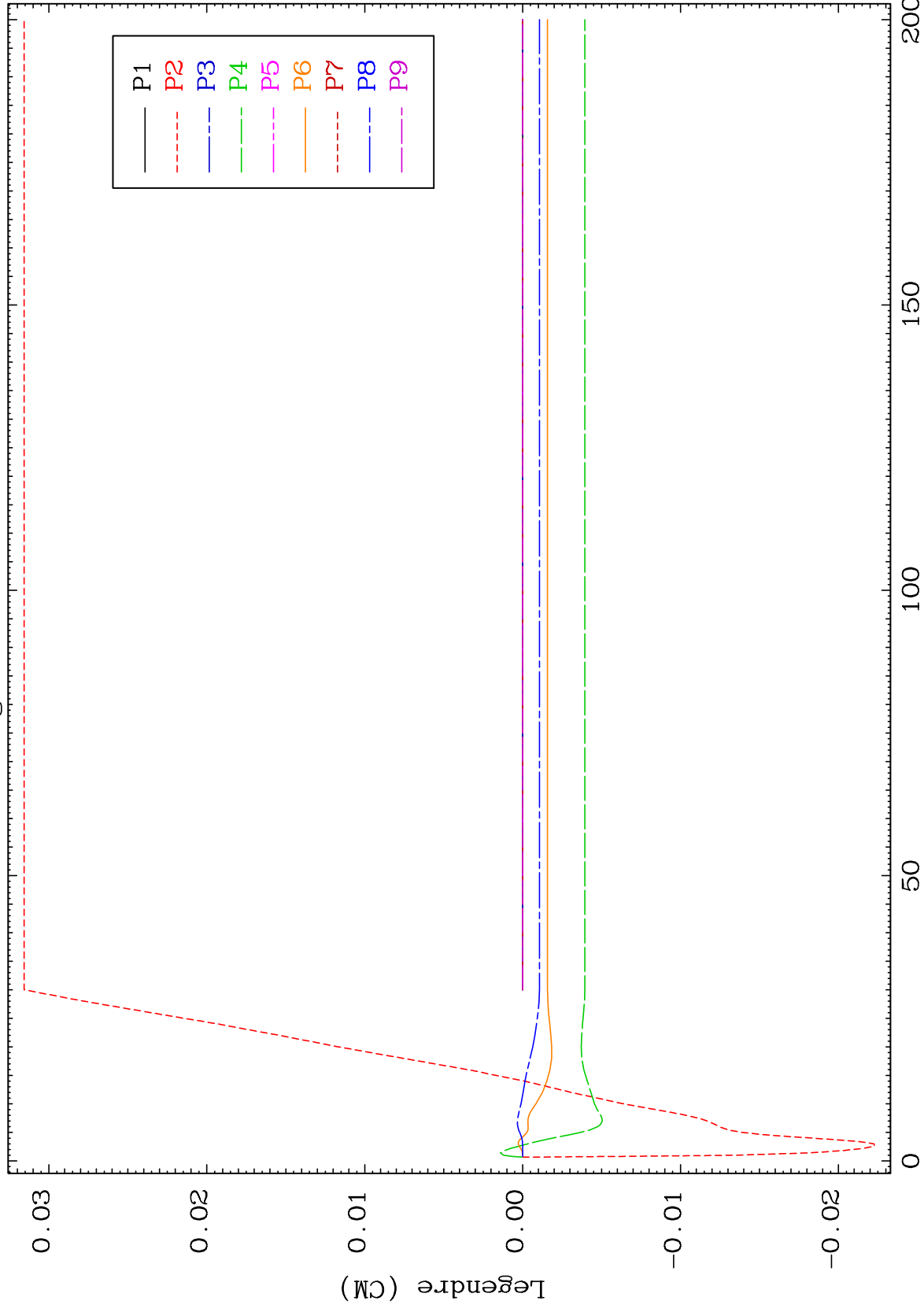
Incident Energy (MeV)

71-Lu-187

MAT 7161

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

71-Lu-187



83

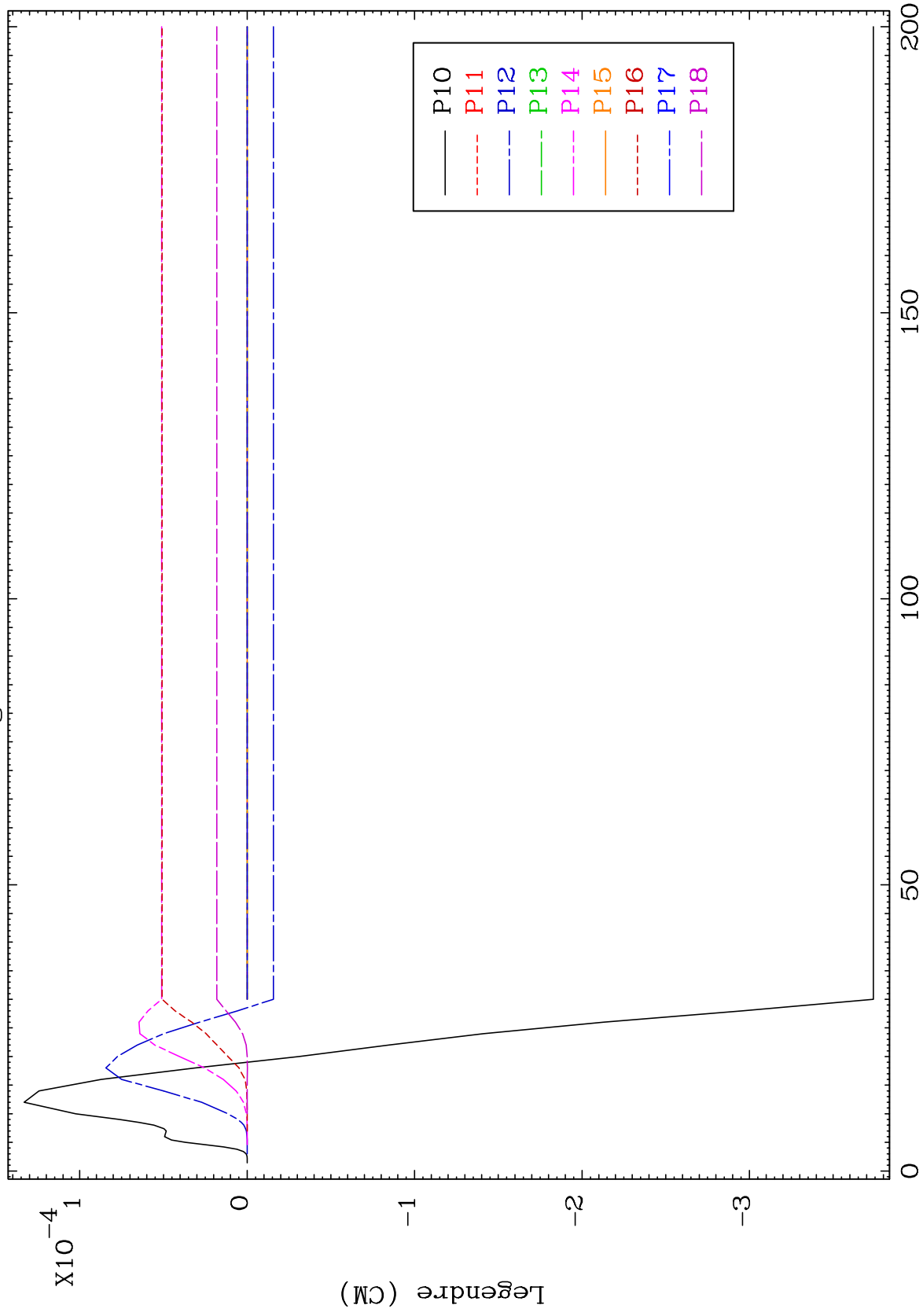
Incident Energy (MeV)

71-Lu-187

MAT 7161

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

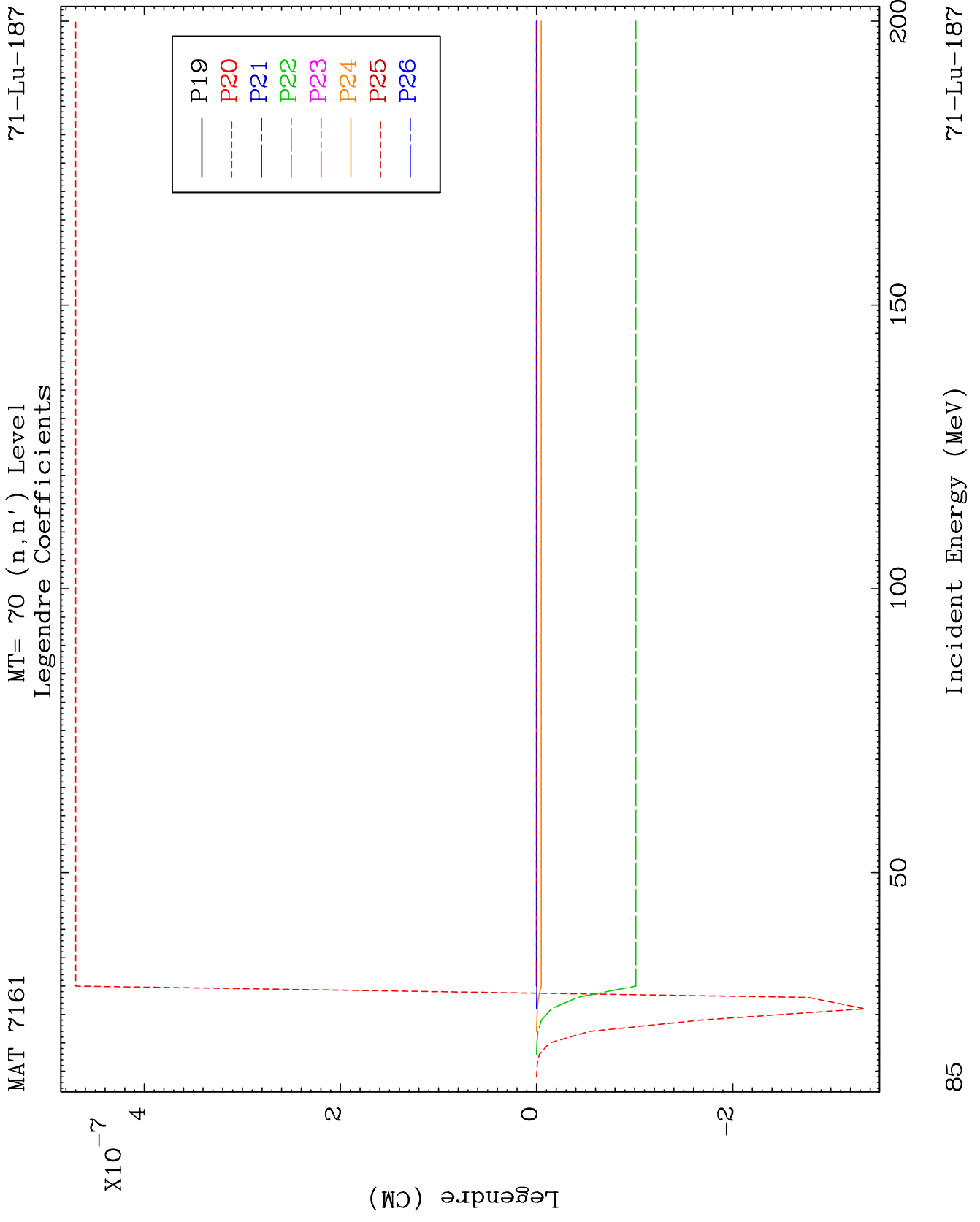
71-Lu-187

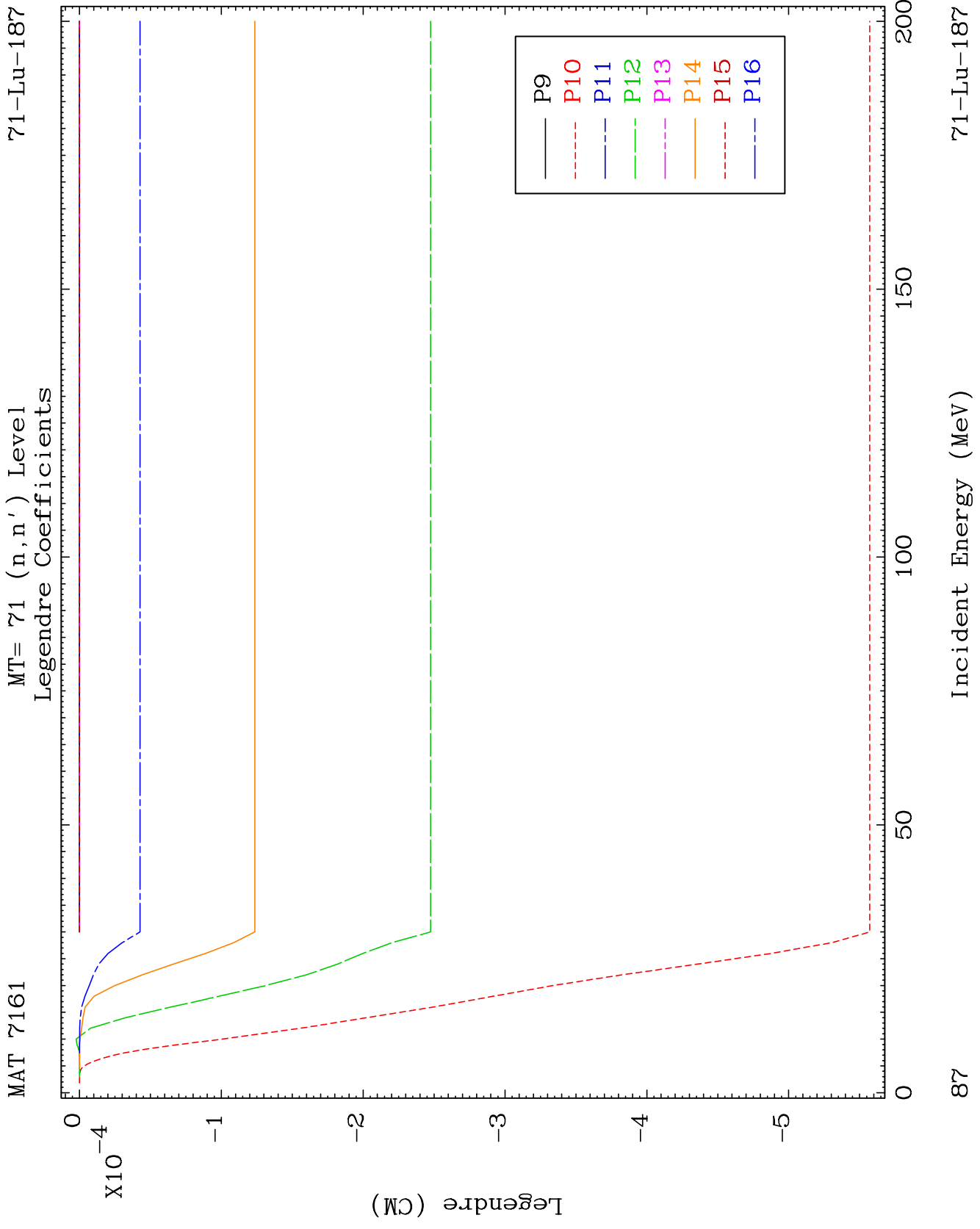


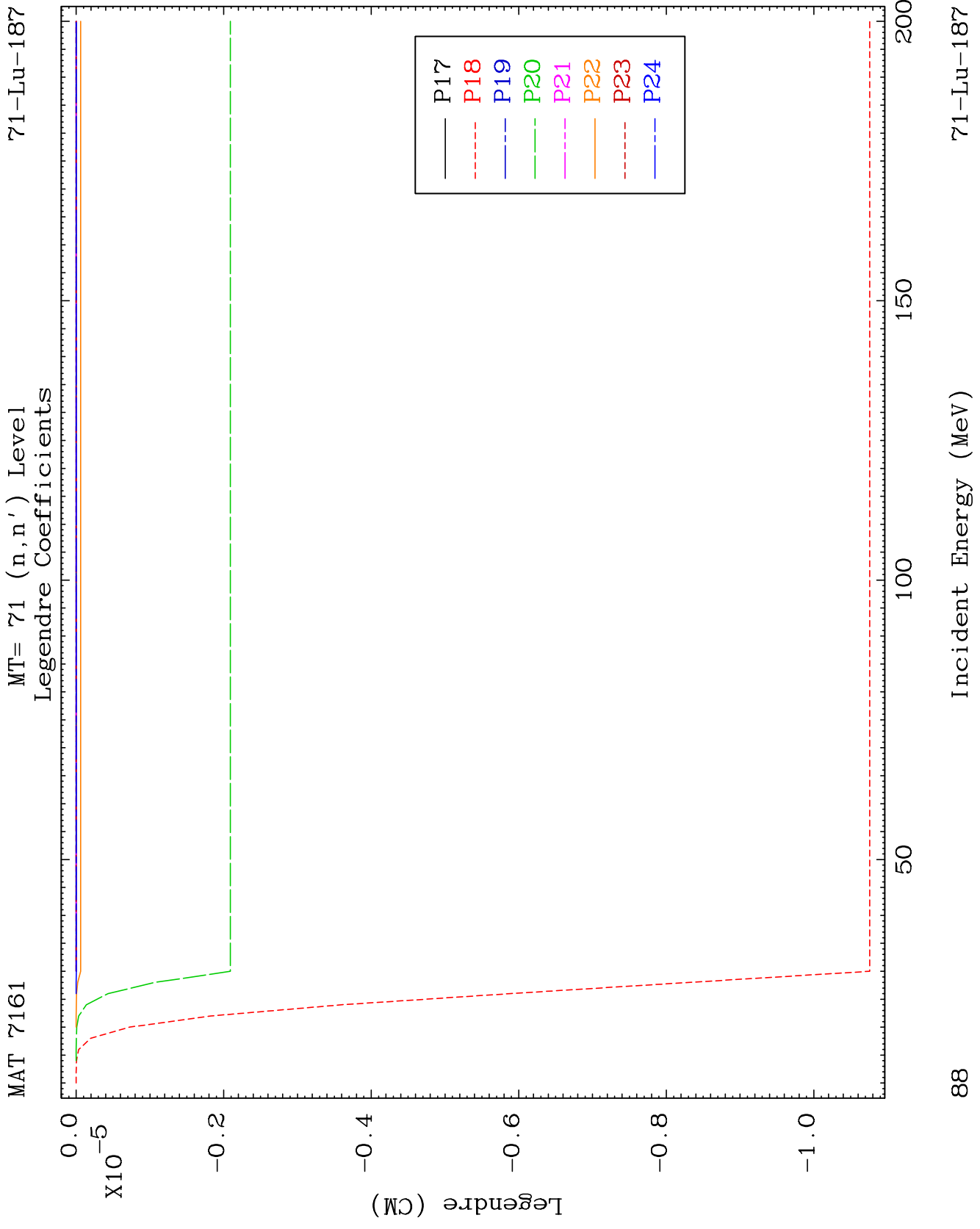
84

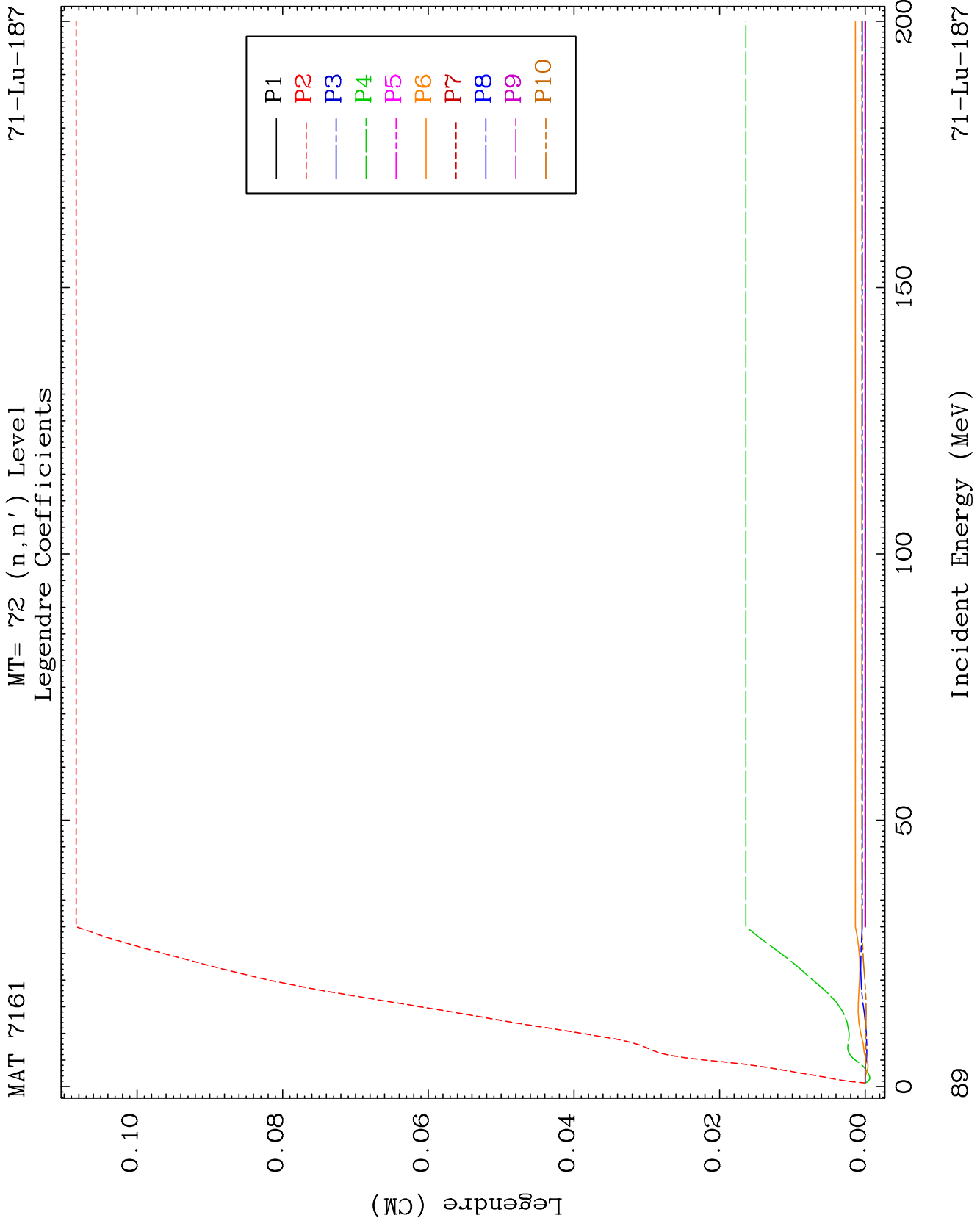
Incident Energy (MeV)

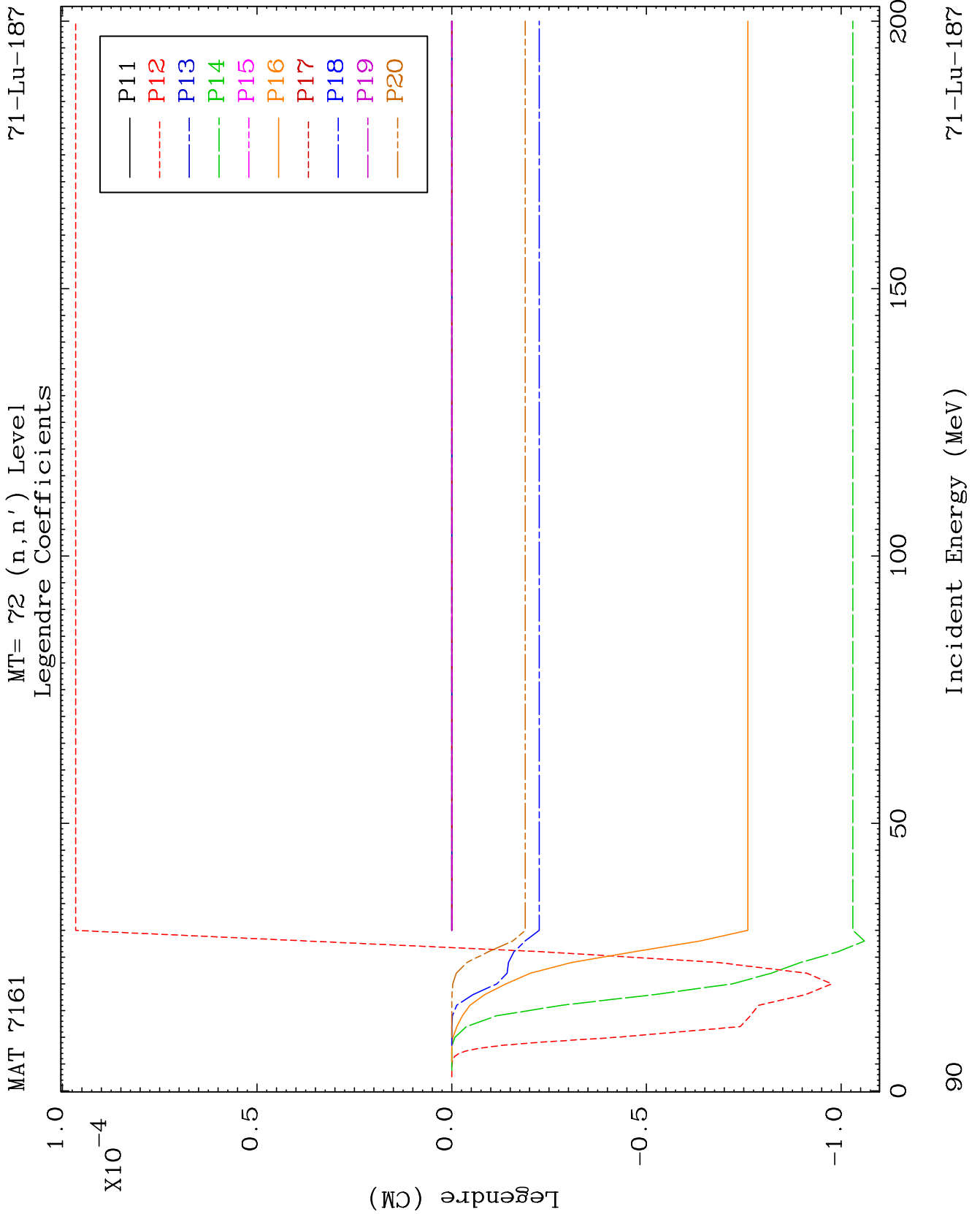
71-Lu-187

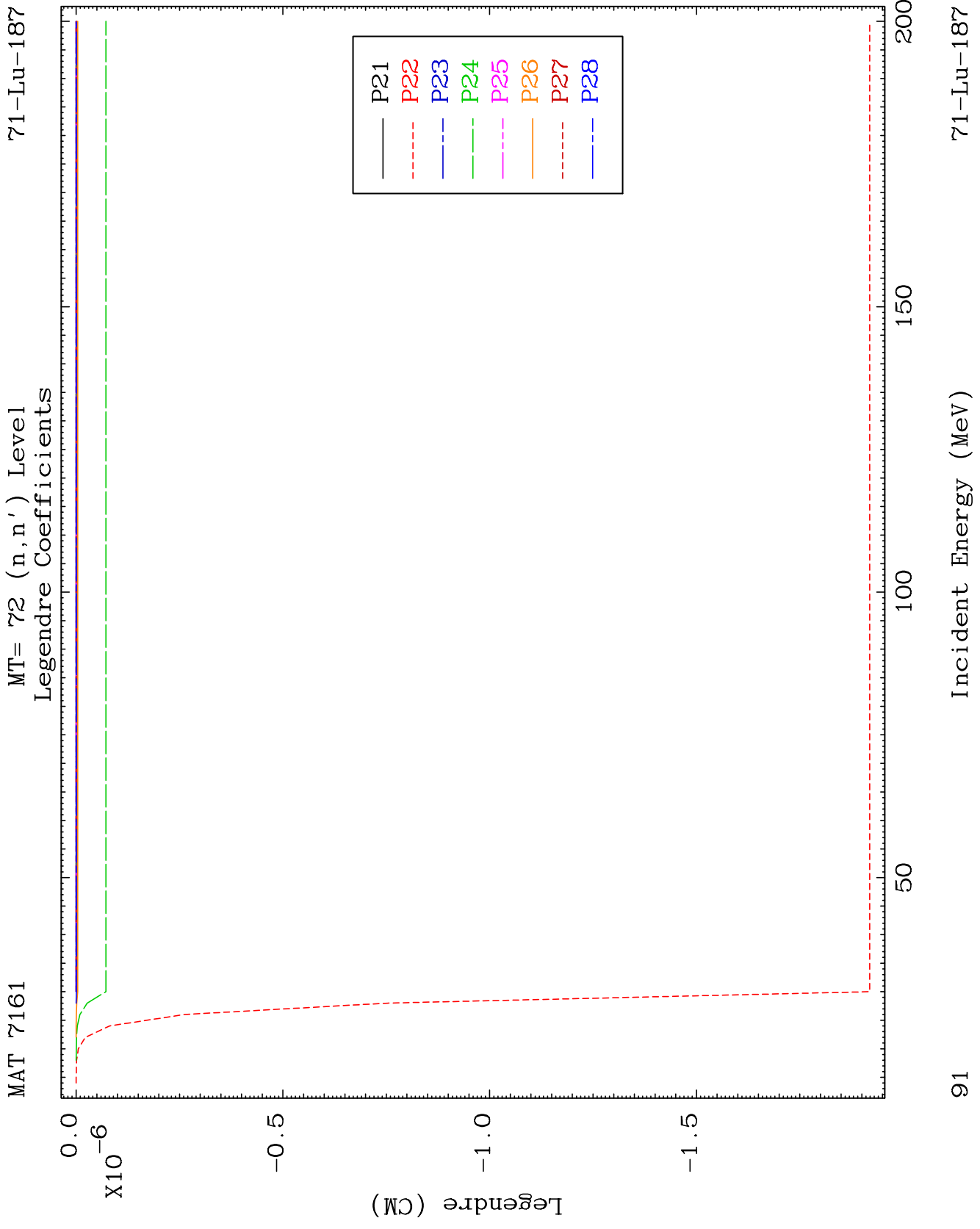


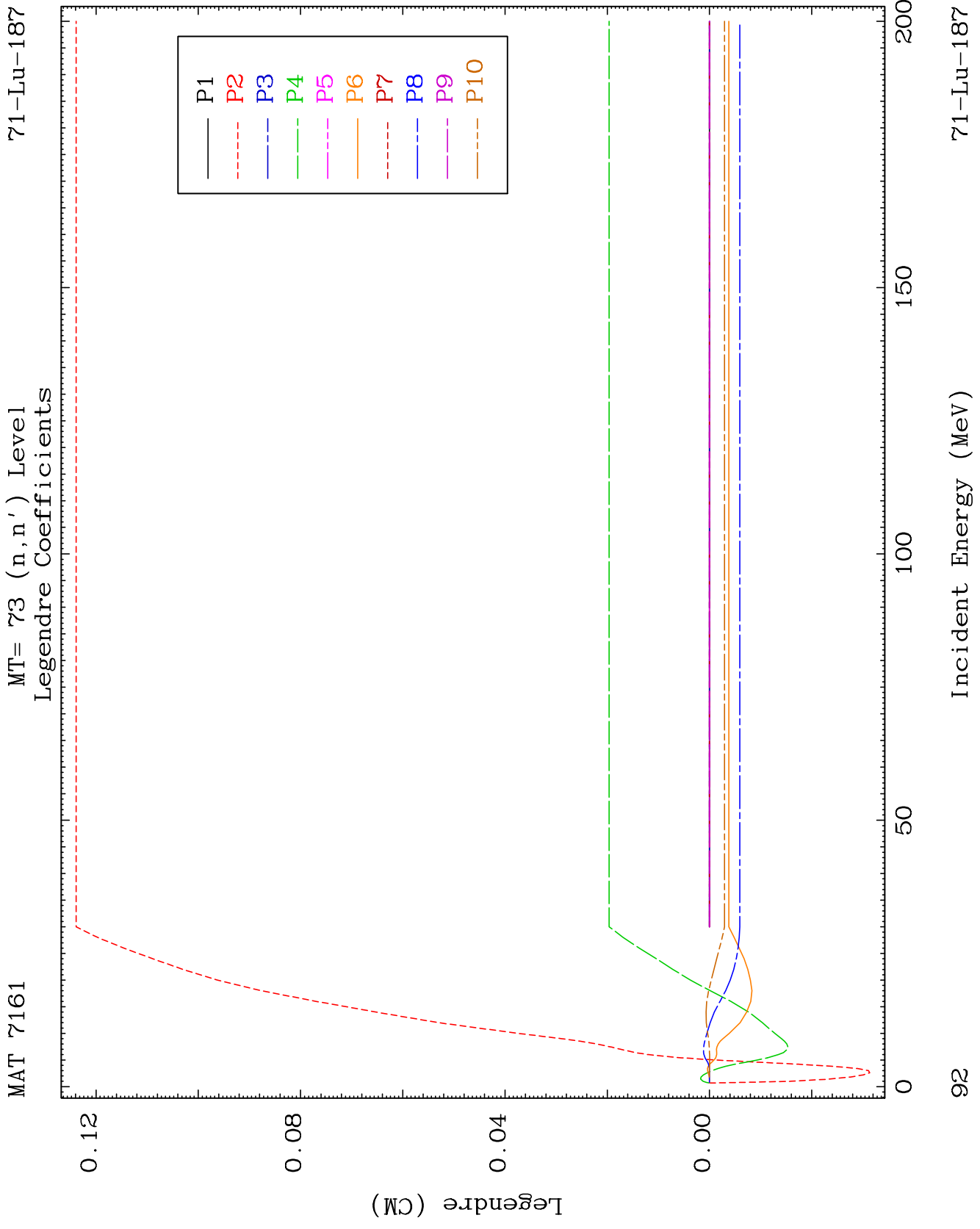








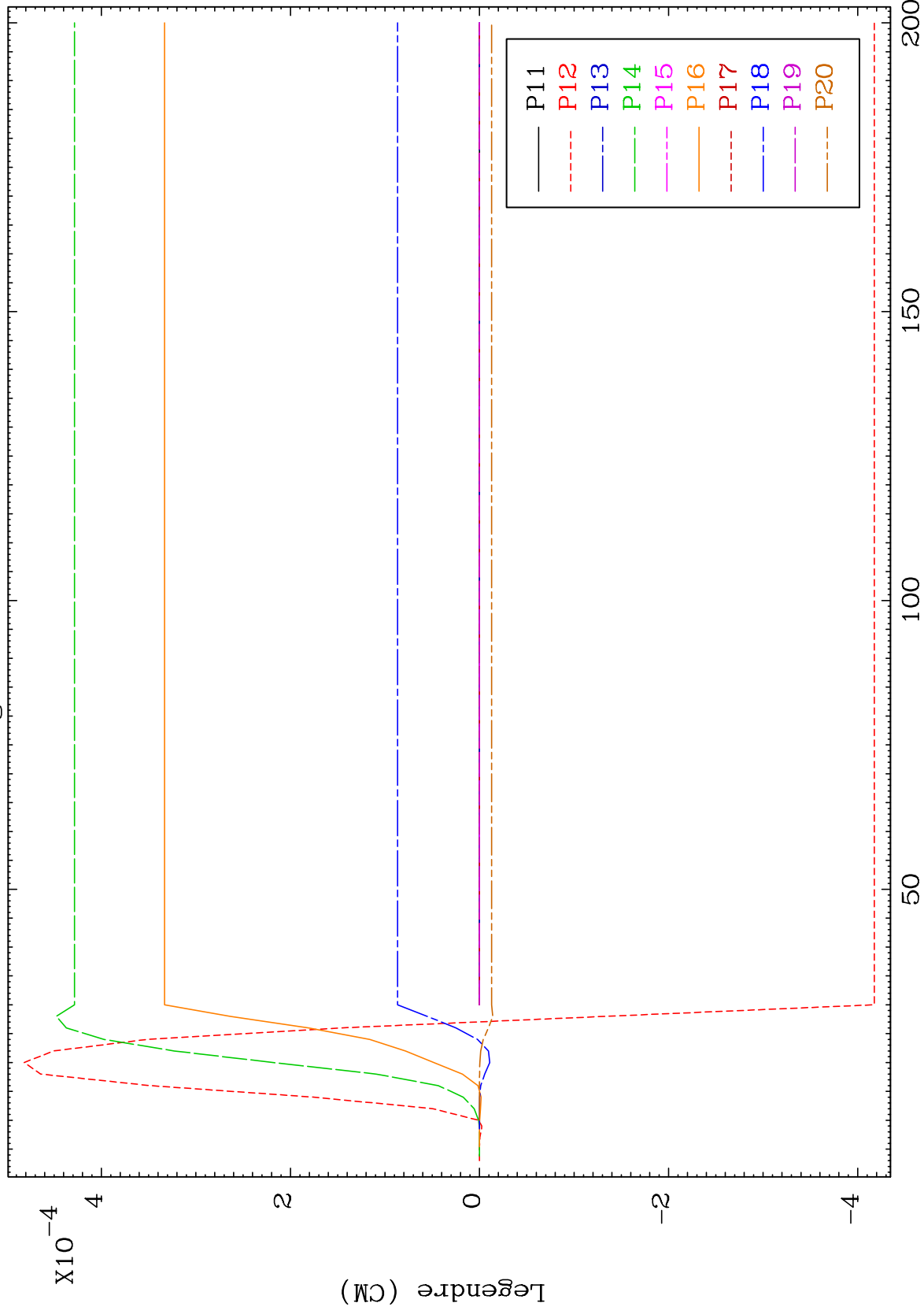




MAT 7161

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

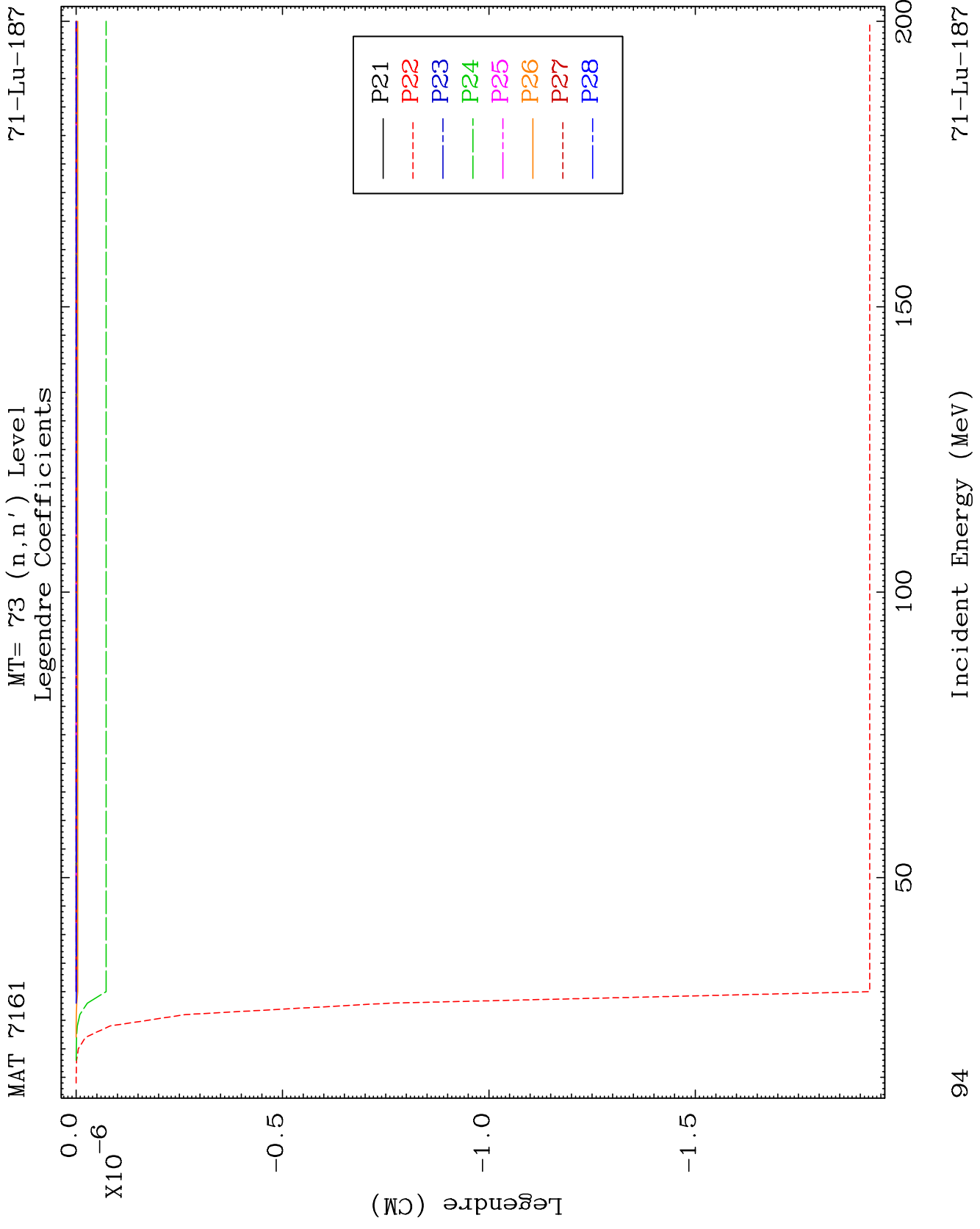
71-Lu-187



93

Incident Energy (MeV)

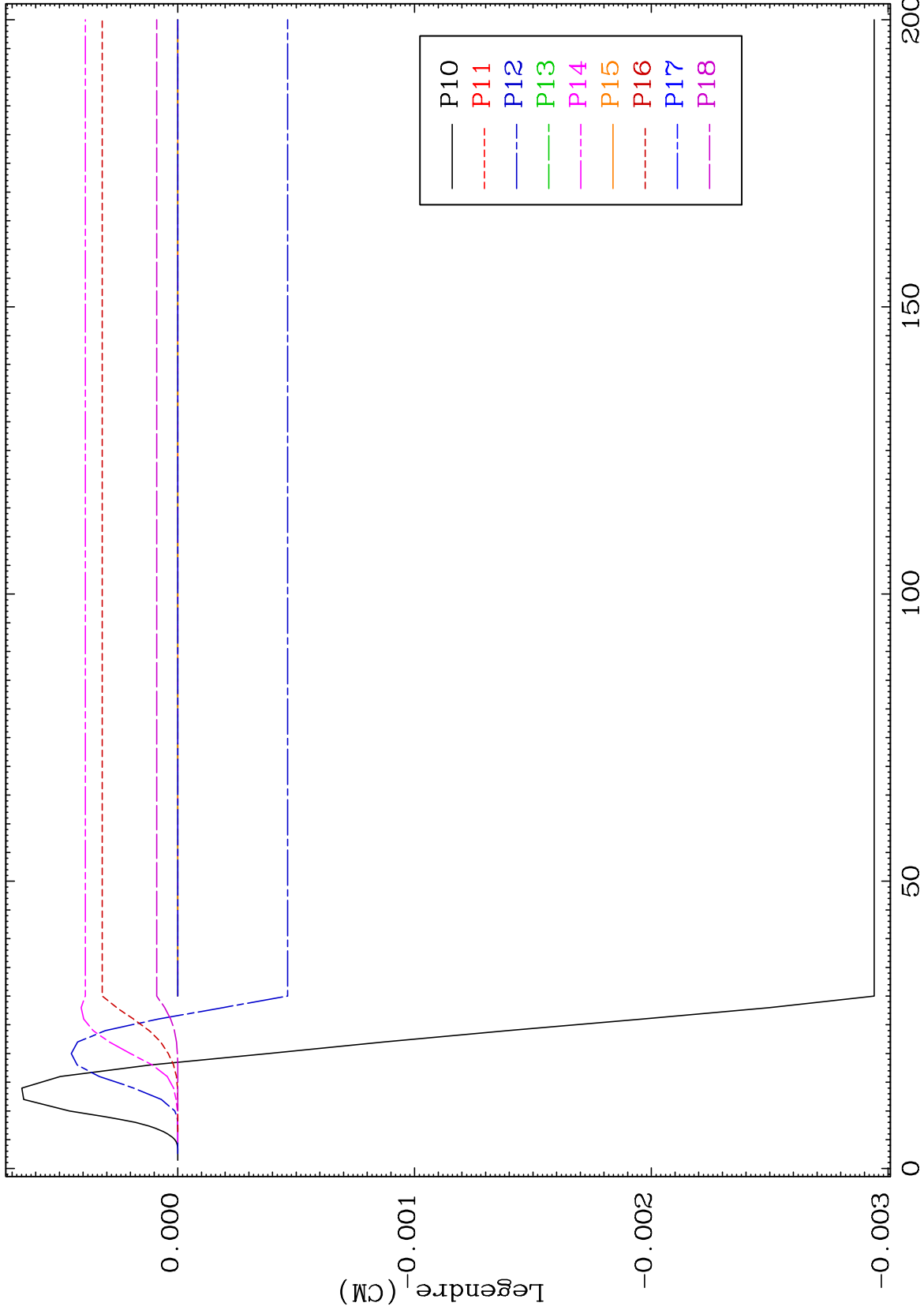
71-Lu-187



MAT 7161

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

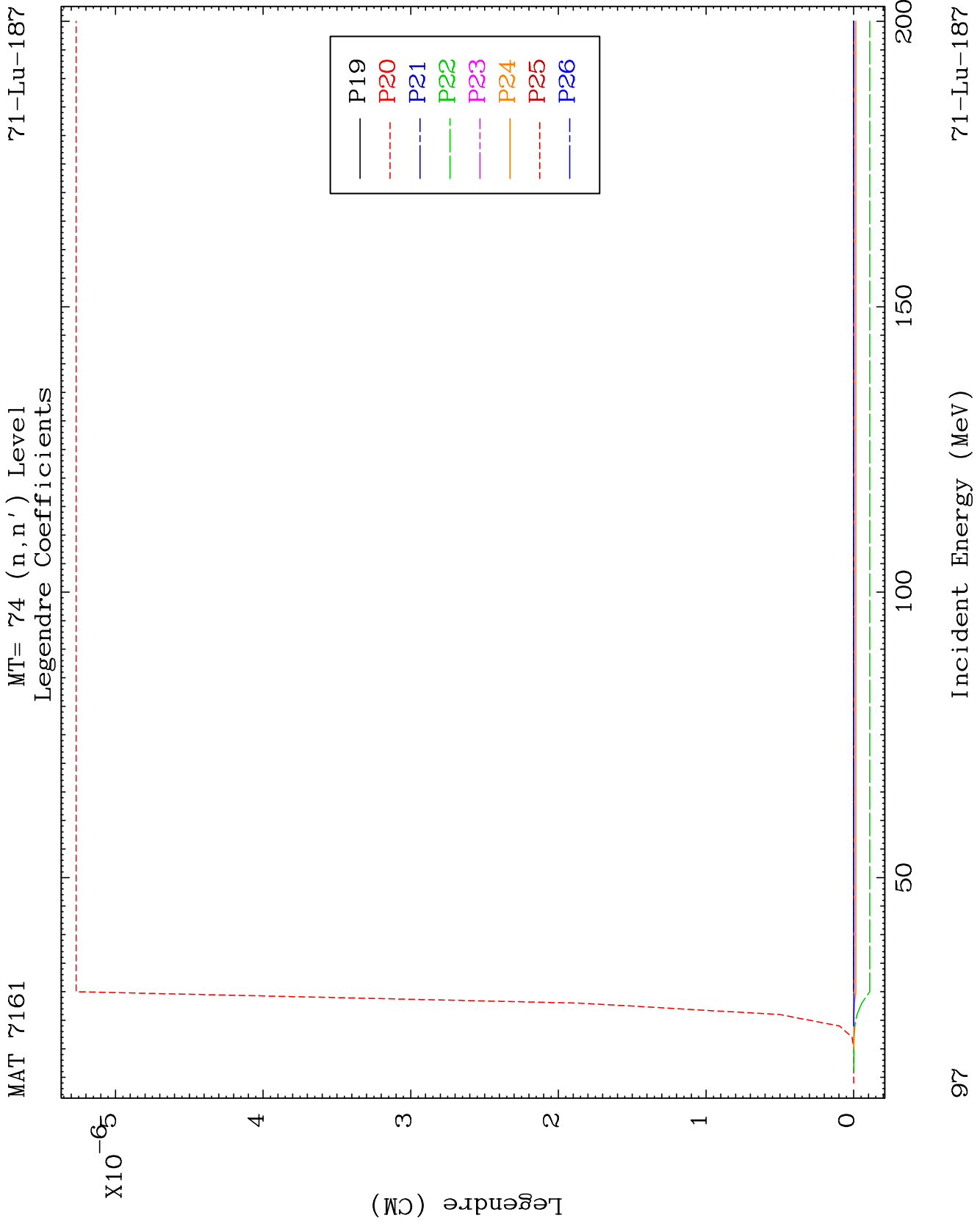
71-Lu-187



96

Incident Energy (MeV)

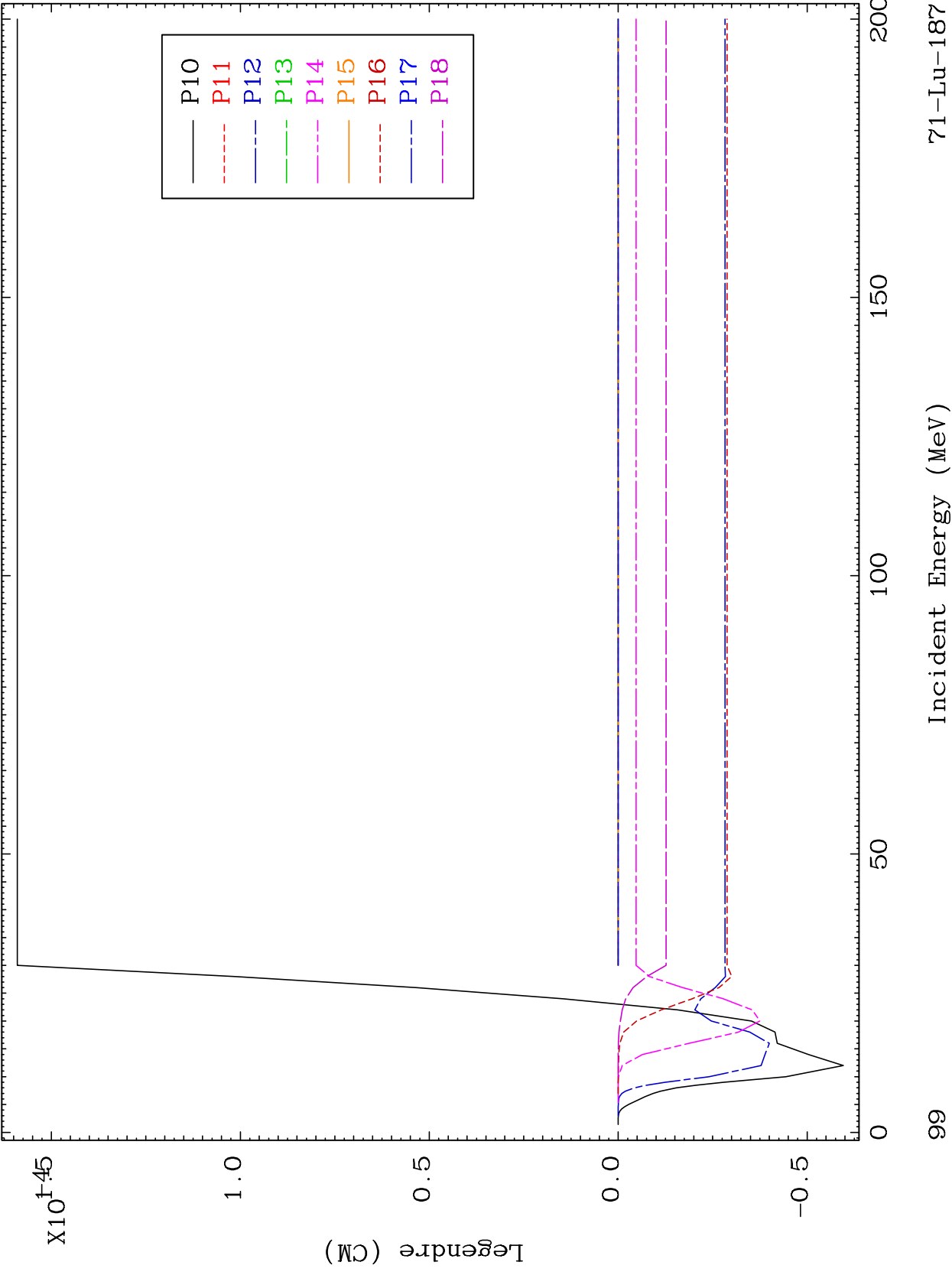
71-Lu-187



MAT 7161

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

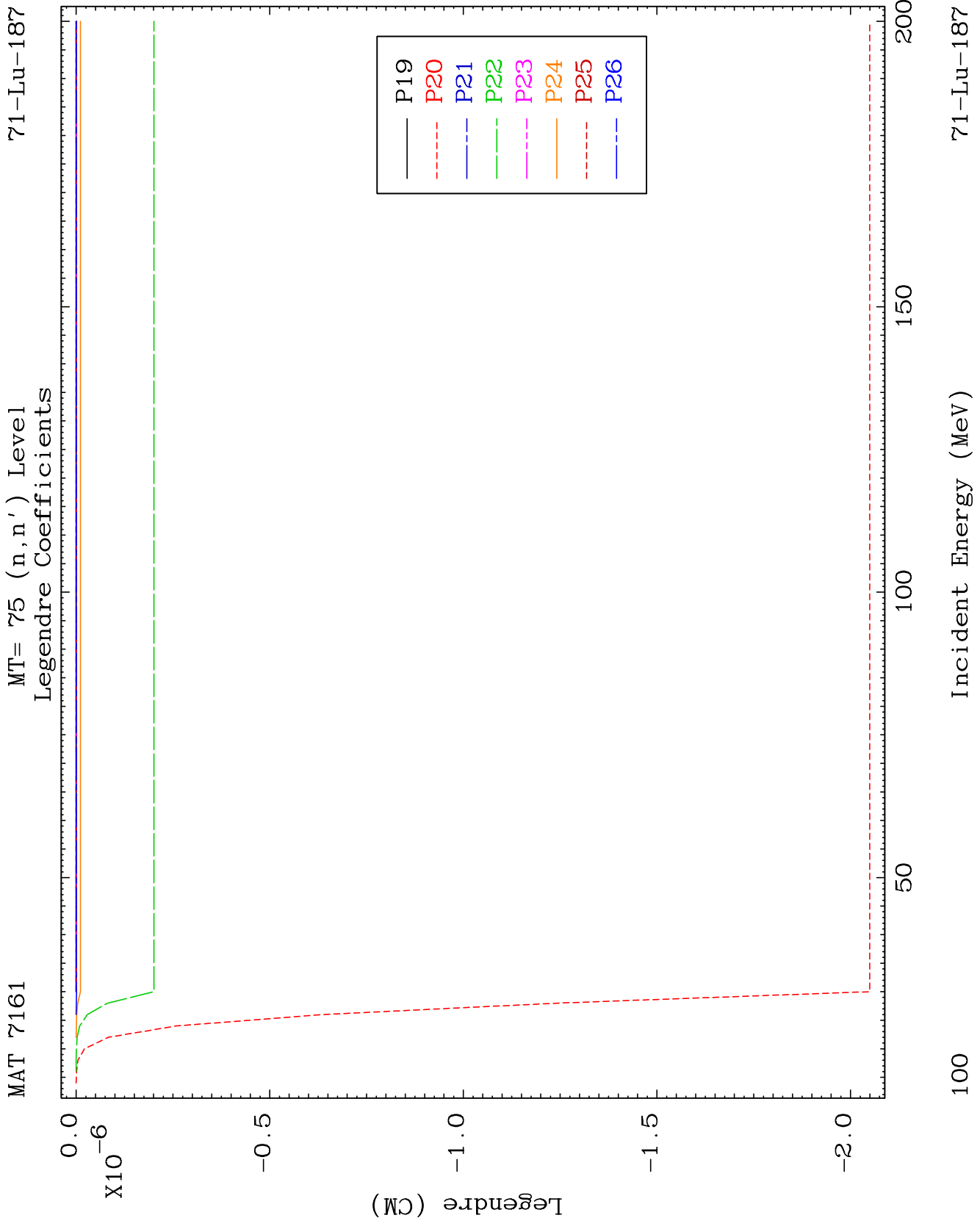
71-Lu-187

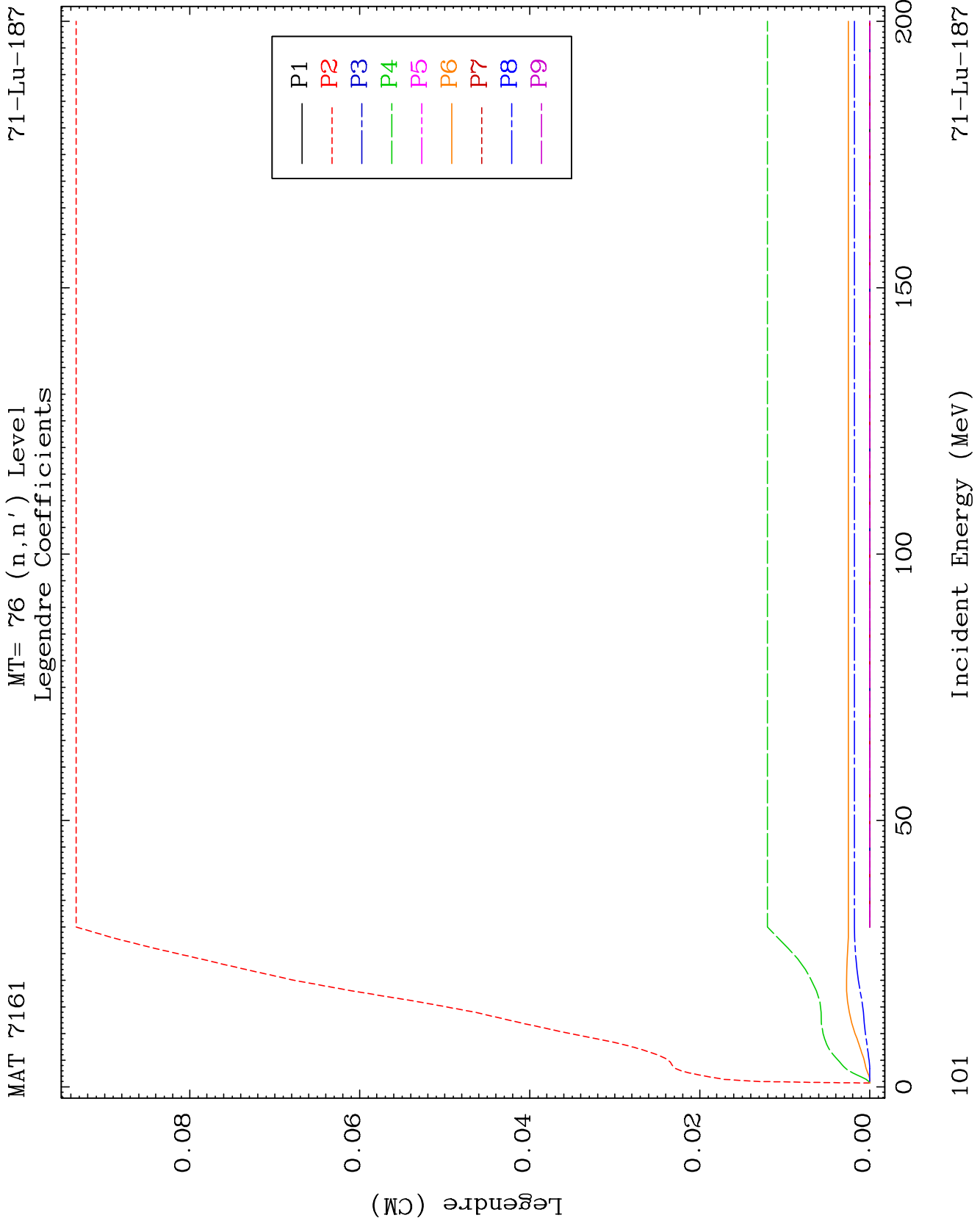


71-Lu-187

Incident Energy (MeV)

99

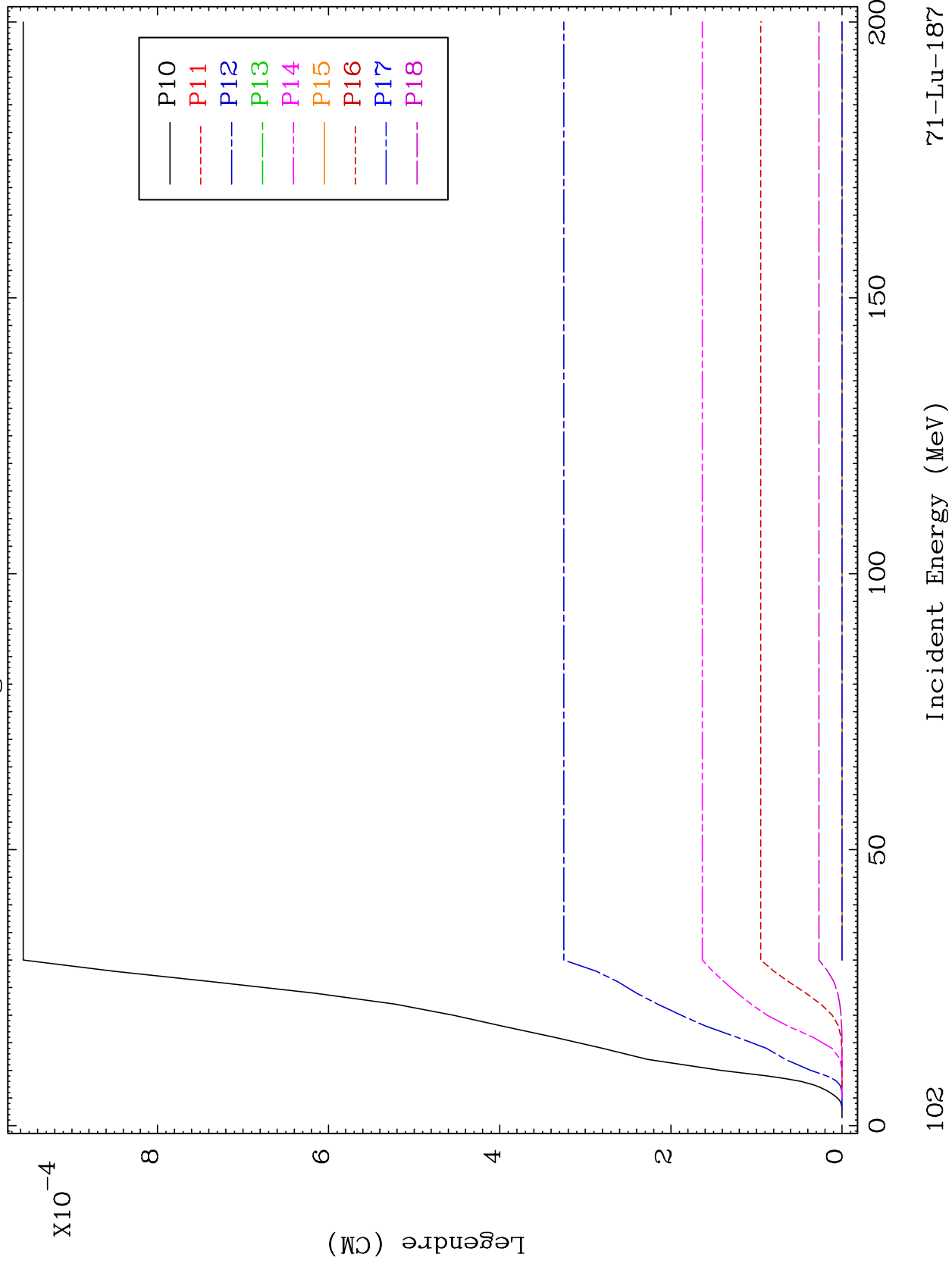




MAT 7161

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

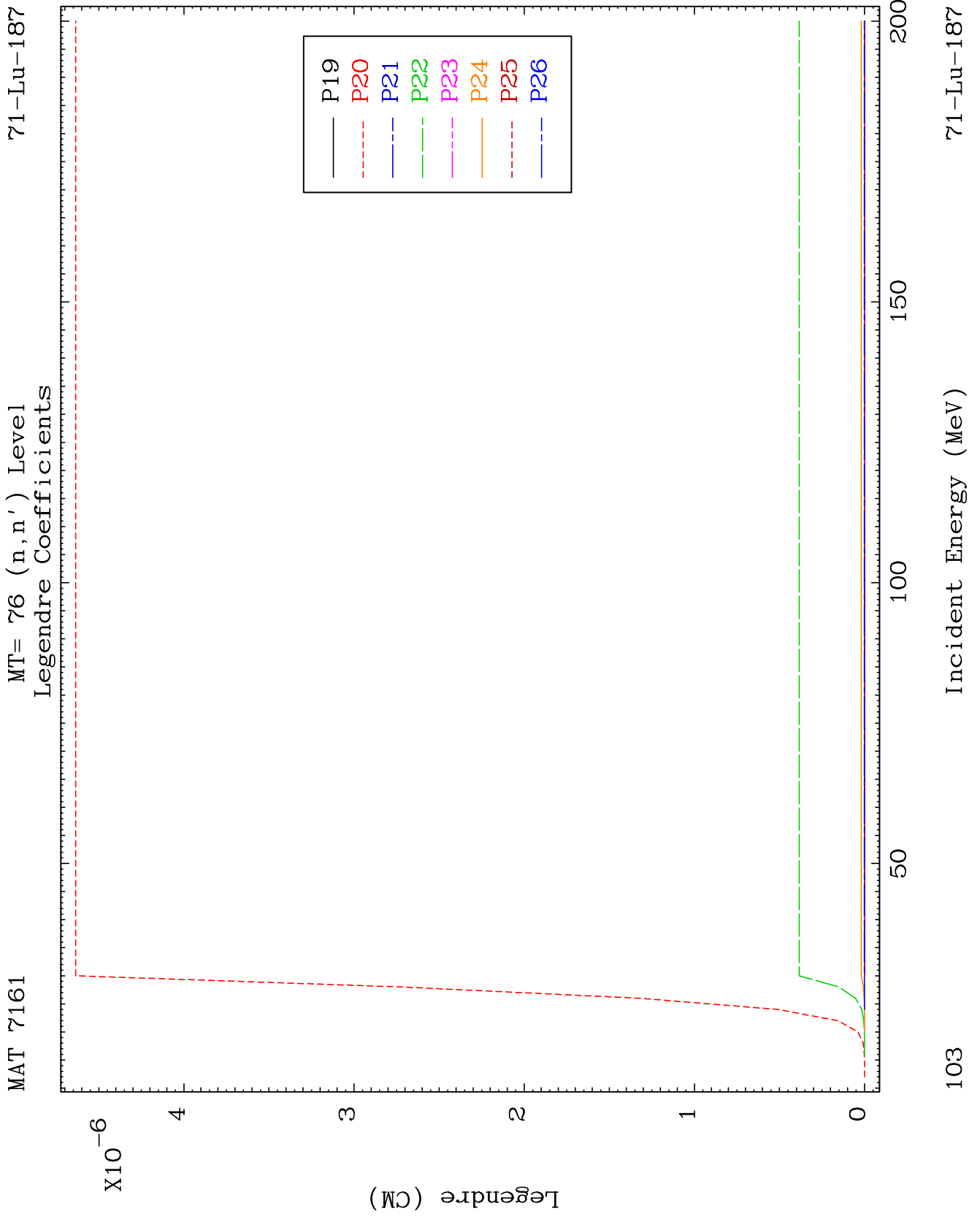
71-Lu-187



71-Lu-187

Incident Energy (MeV)

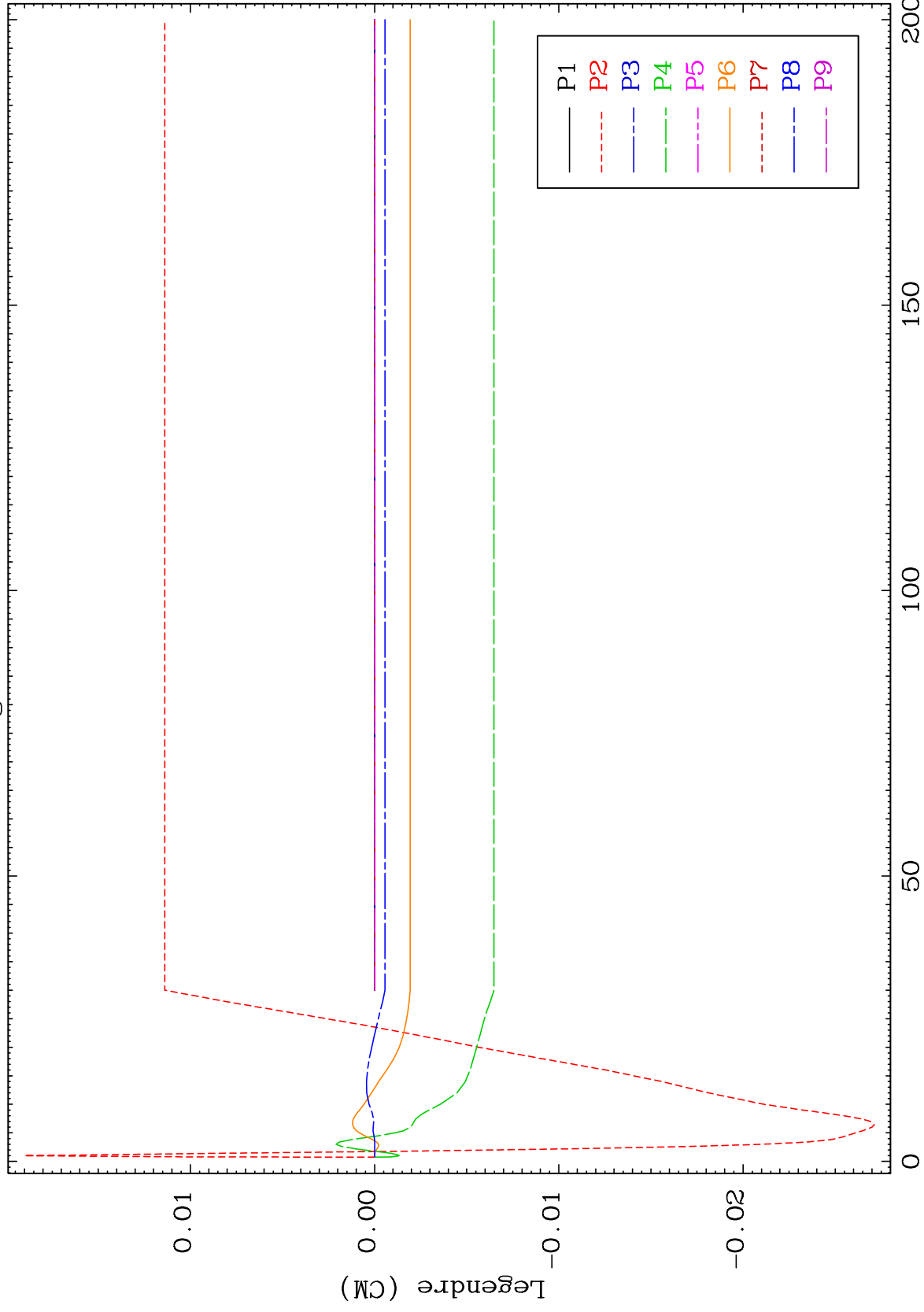
102



MAT 7161

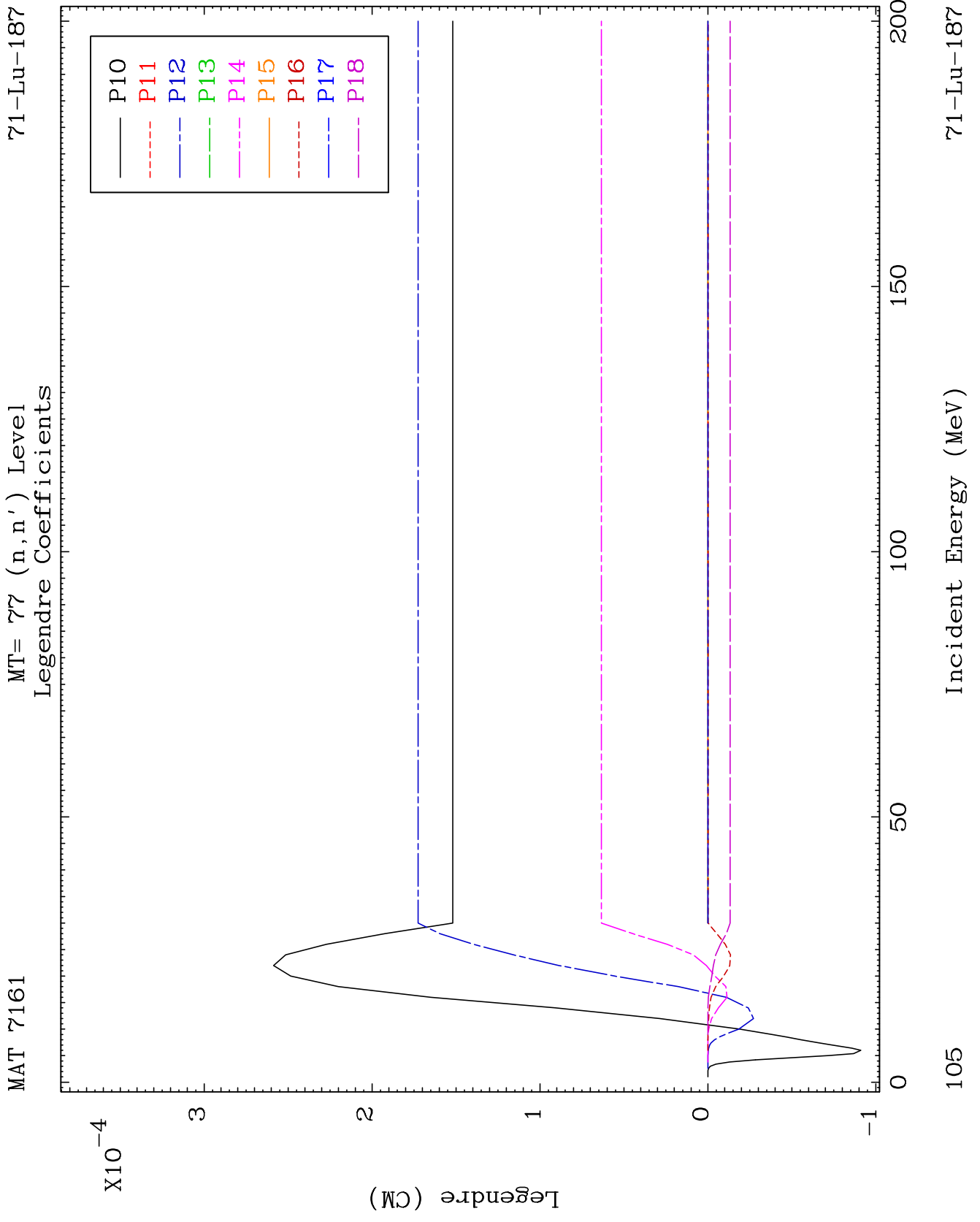
MT= 77 (n,n') Level
Legendre Coefficients

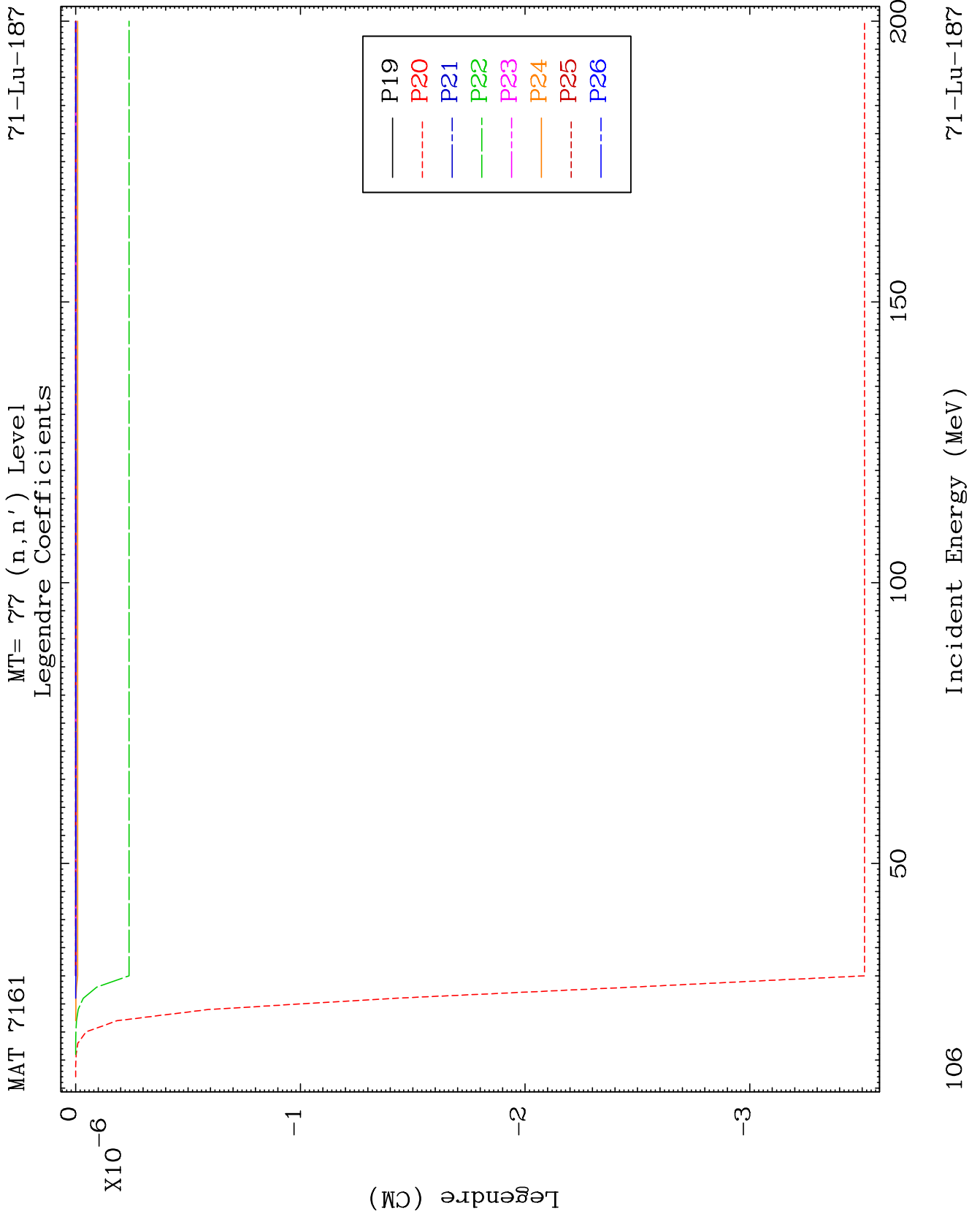
71-Lu-187



104

71-Lu-187

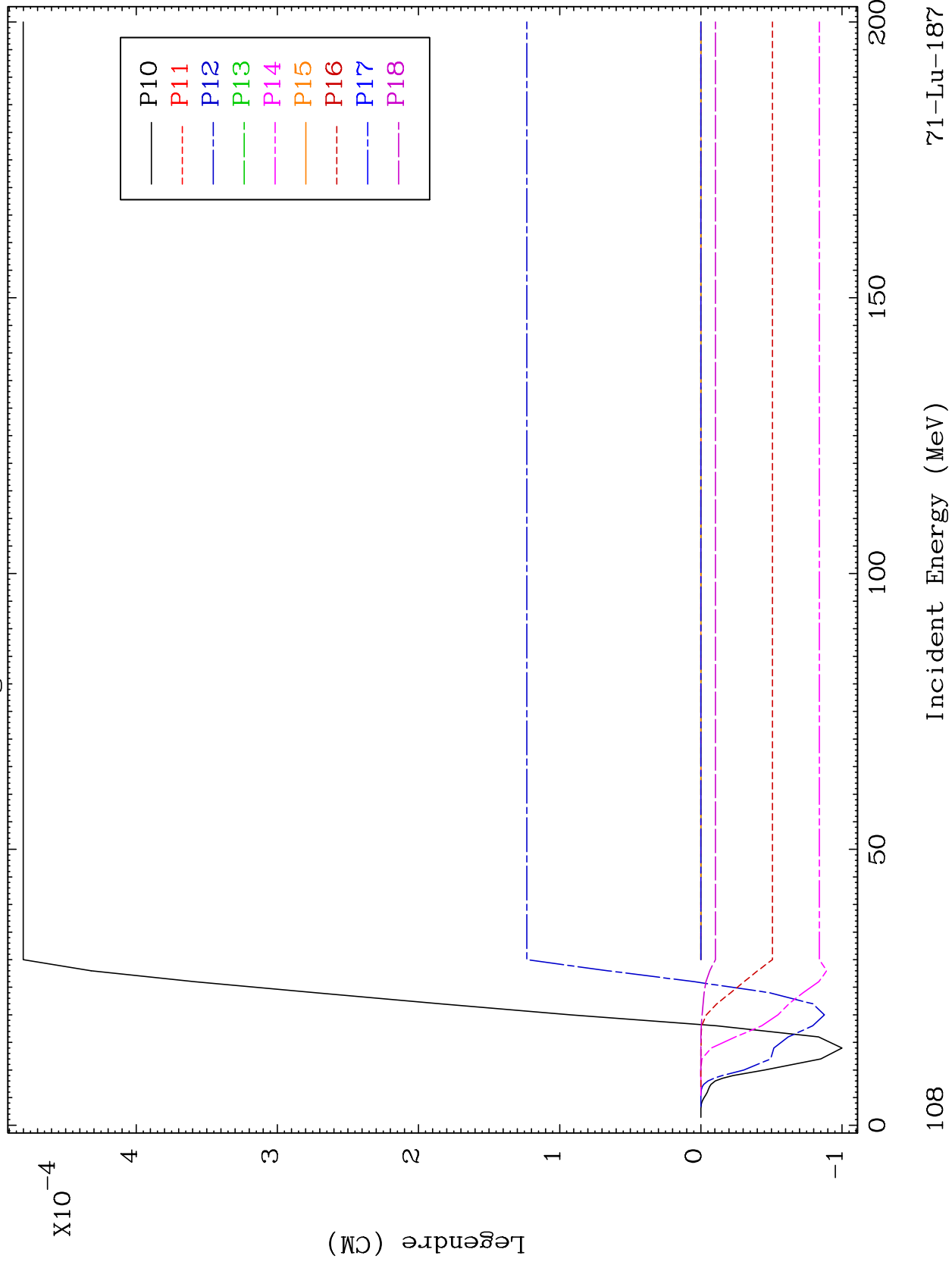




MAT 7161

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

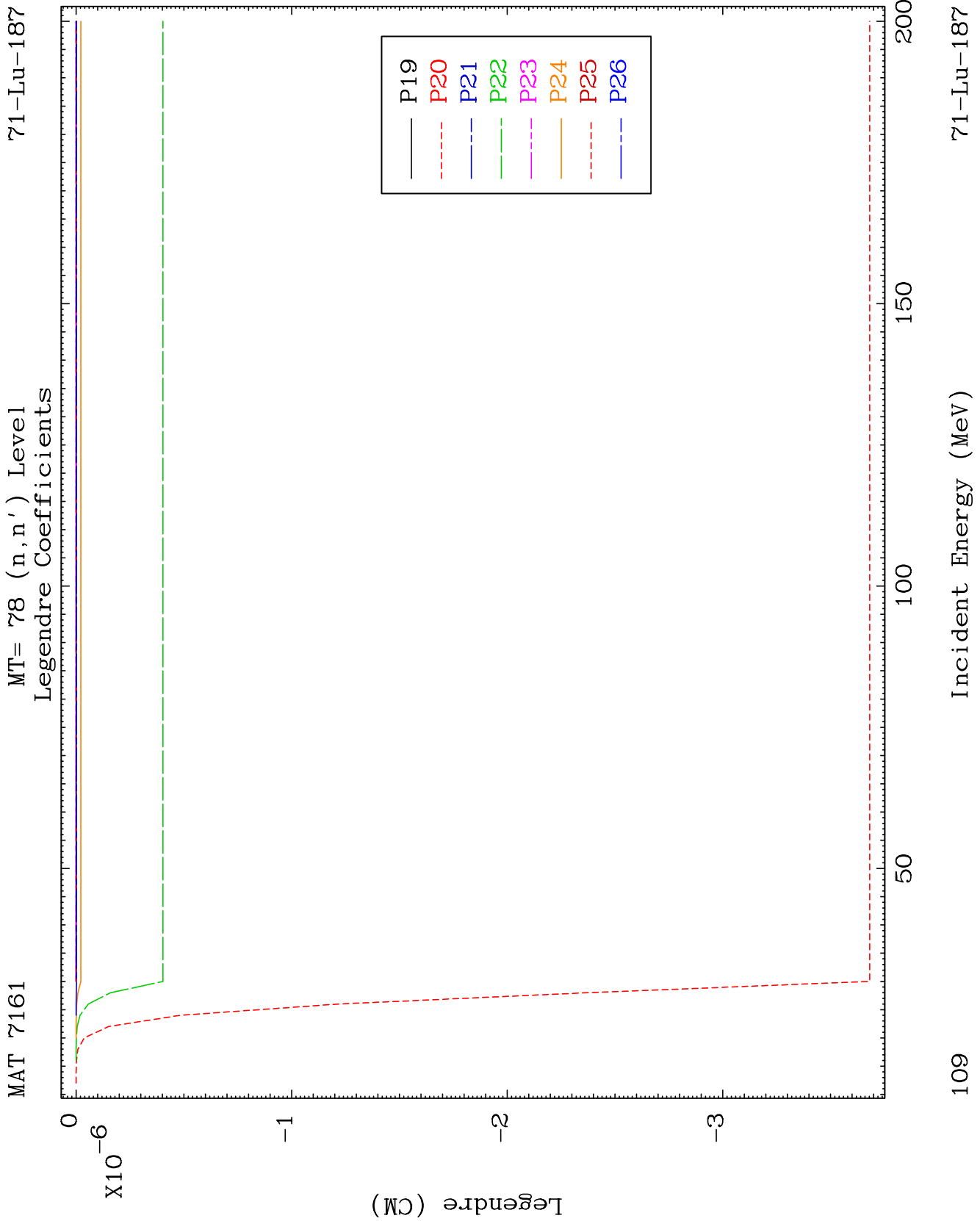
71-Lu-187

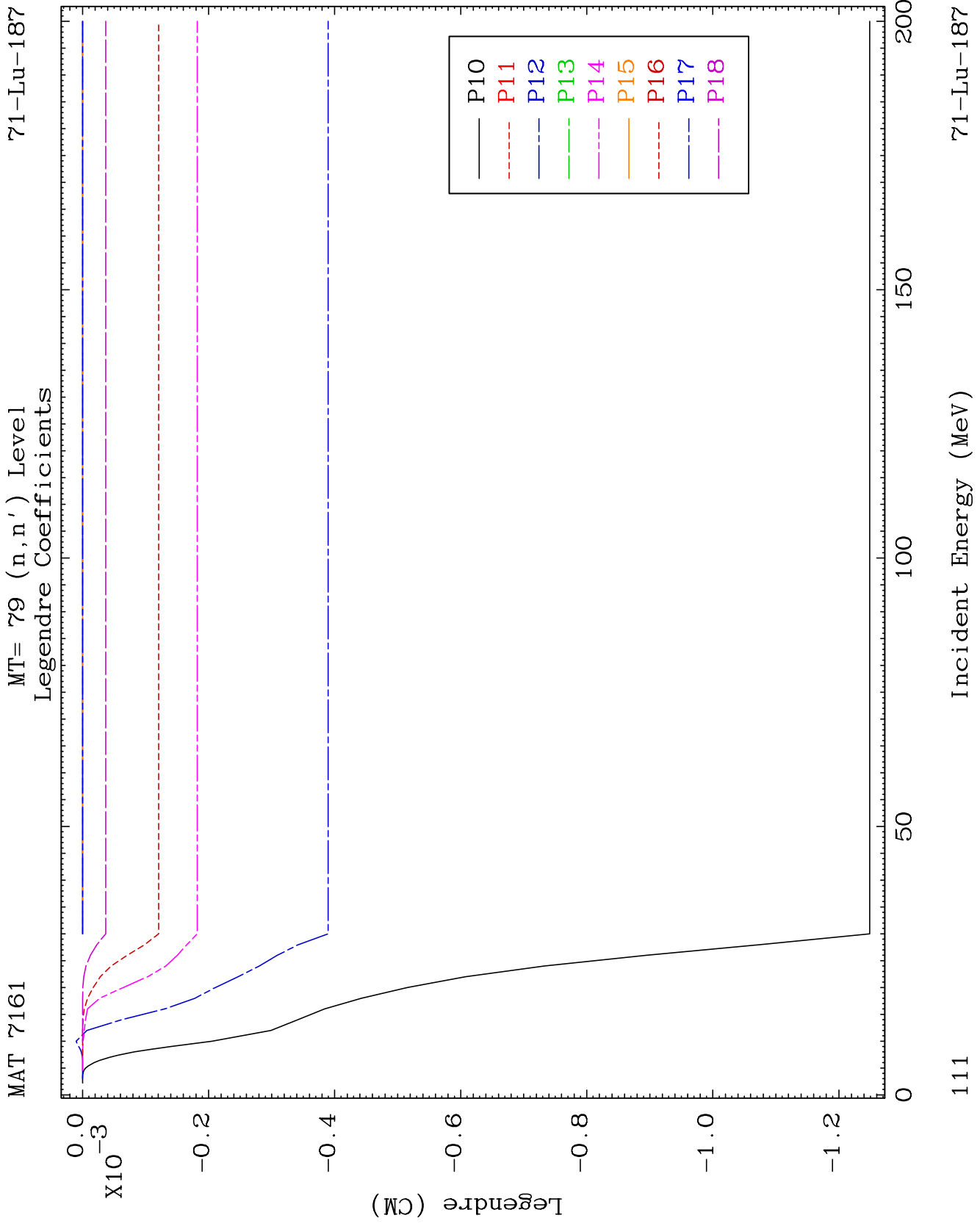


71-Lu-187

Incident Energy (MeV)

108

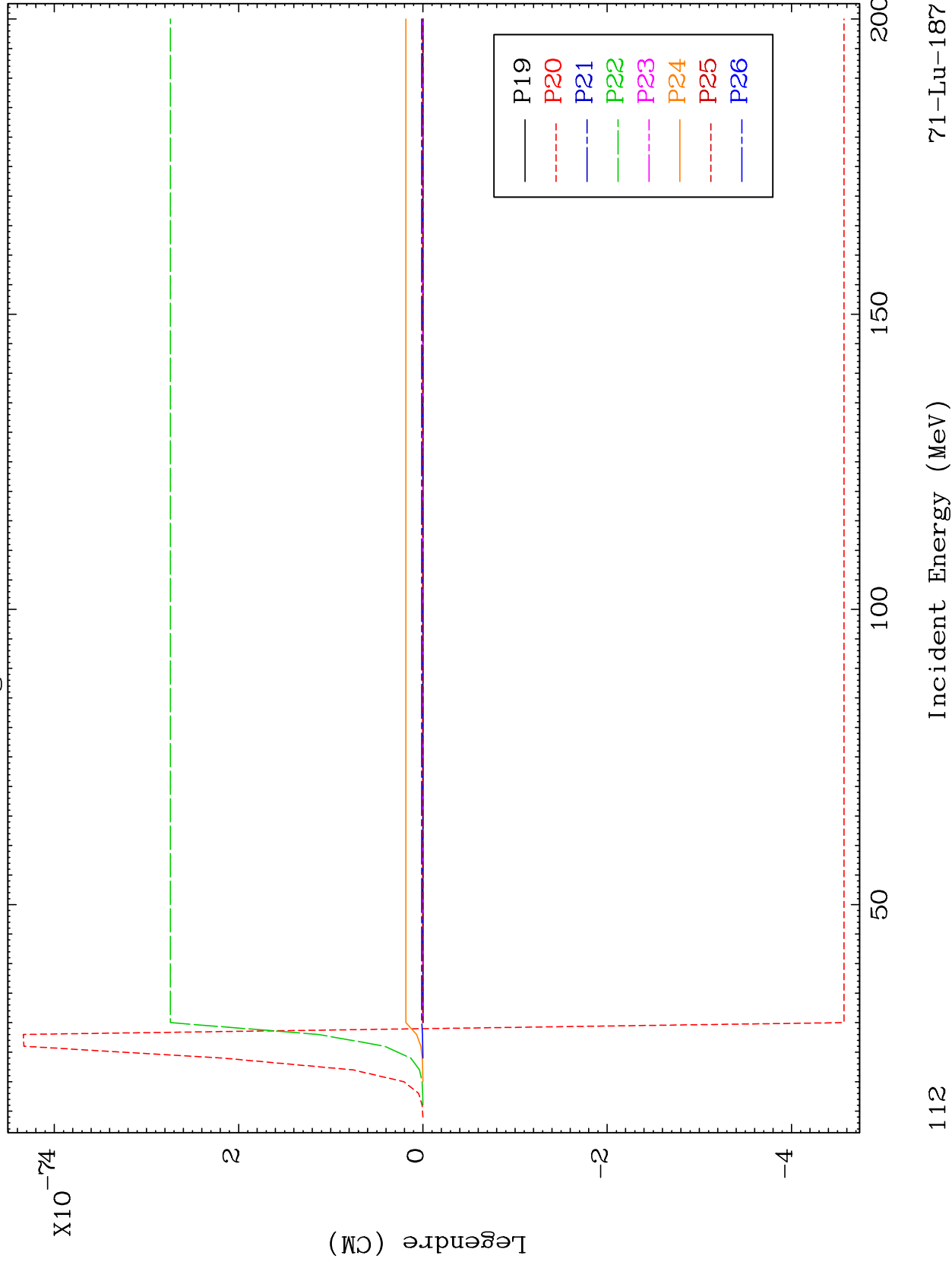


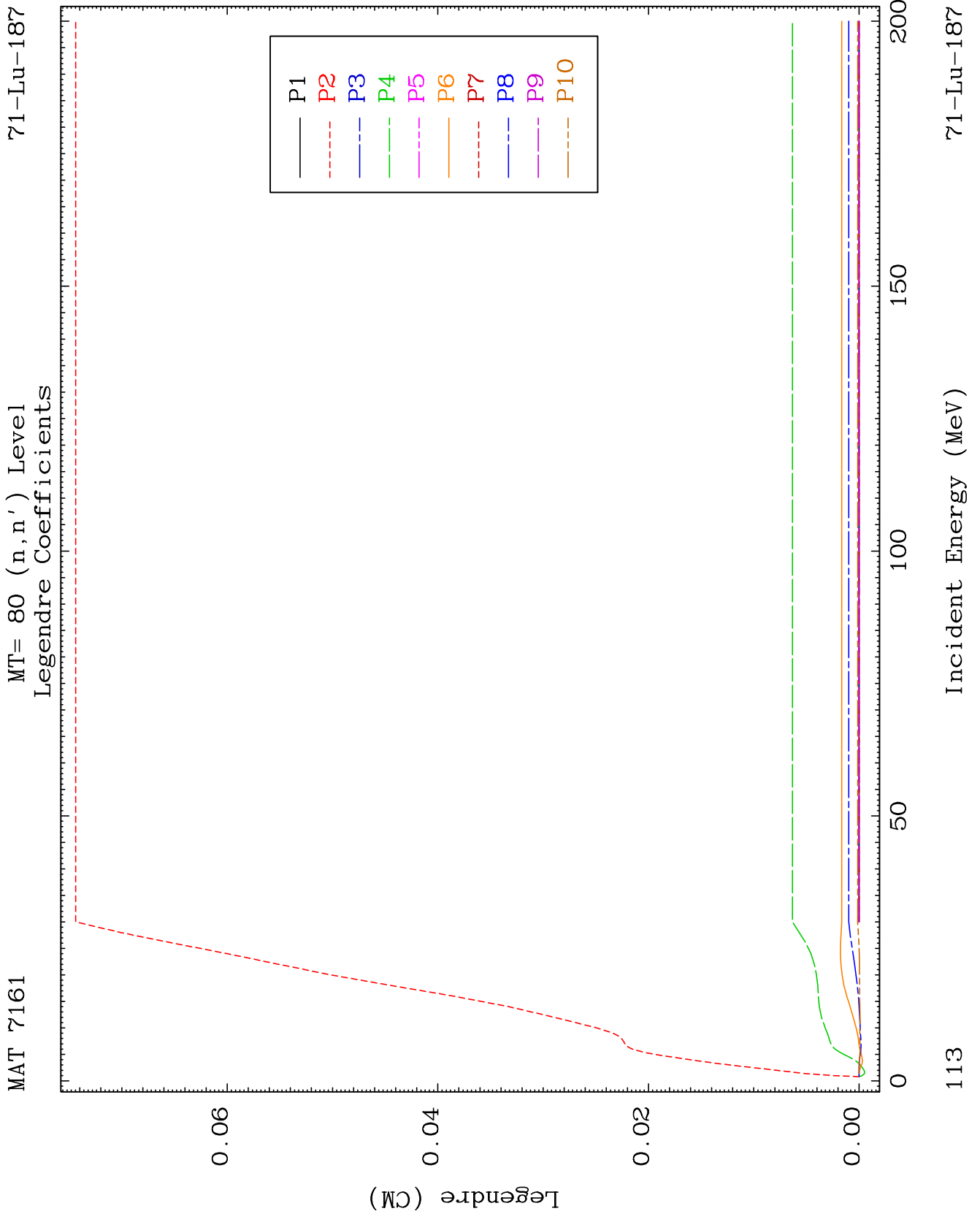


MAT 7161

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

71-Lu-187

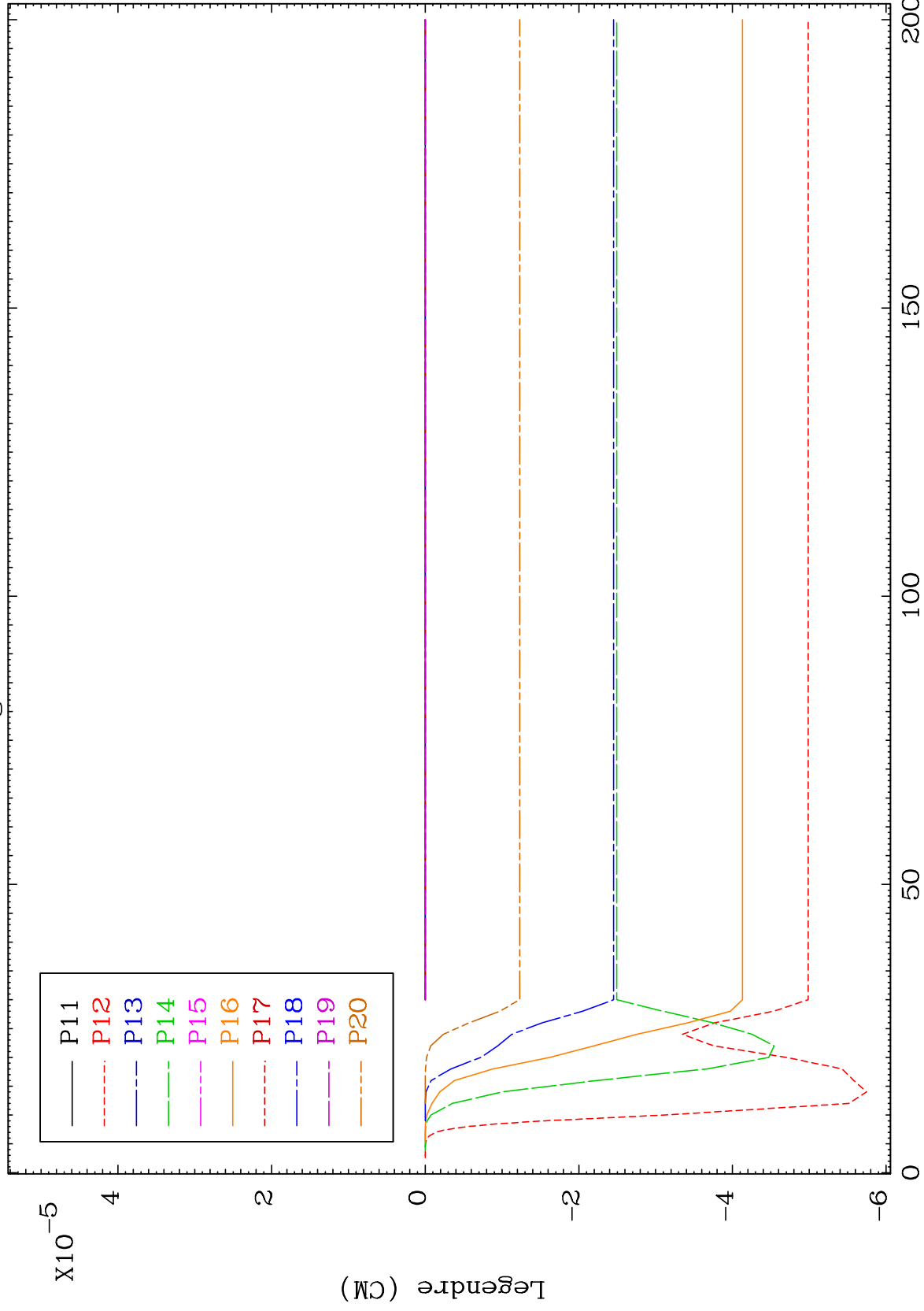




MAT 7161

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

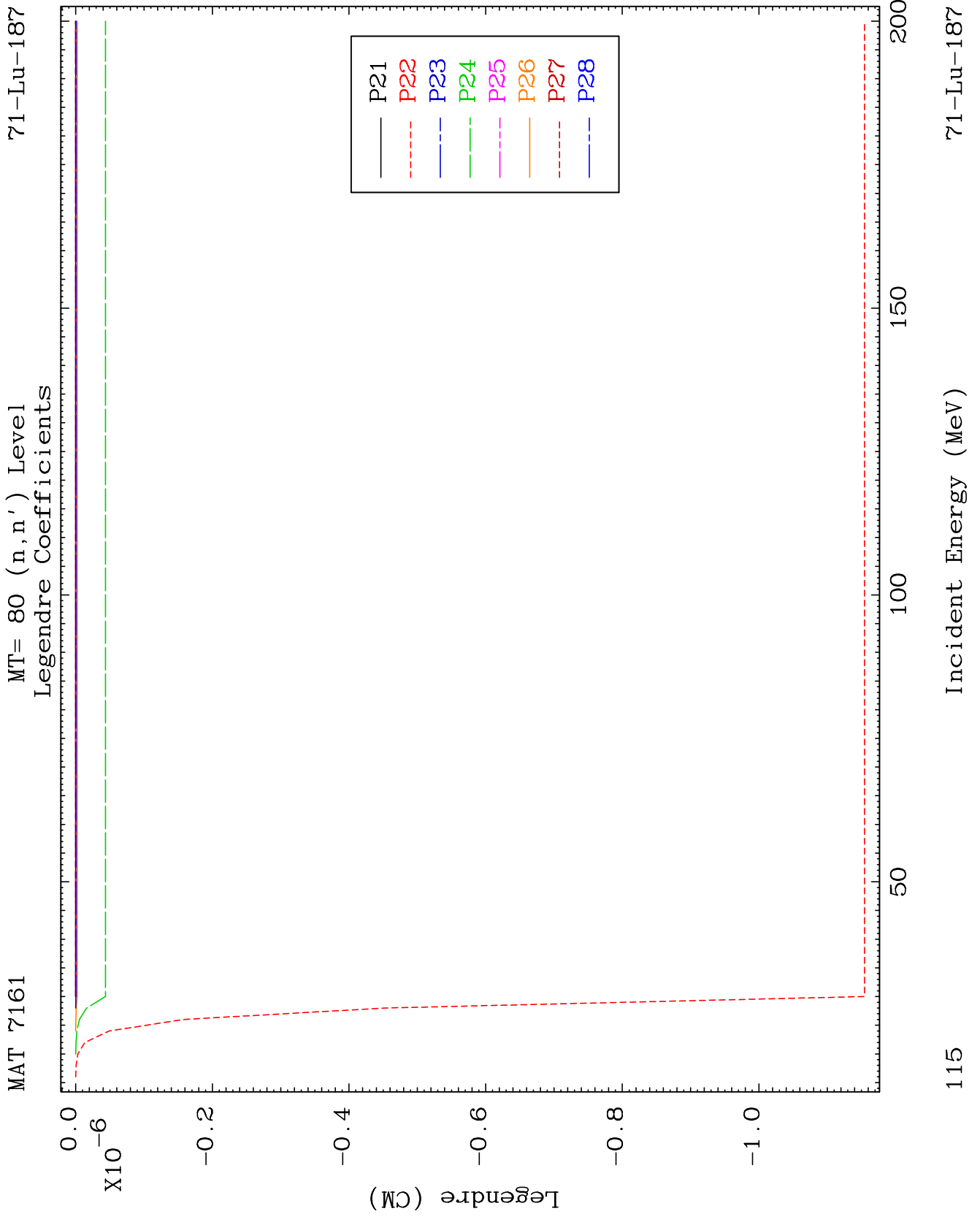
71-Lu-187



114

Incident Energy (MeV)

71-Lu-187



MAT 7161

Fission

71-Lu-187

Radionuclide Production Cross Section

