

Program EVALPLOT  
(Version 2018-1)

by

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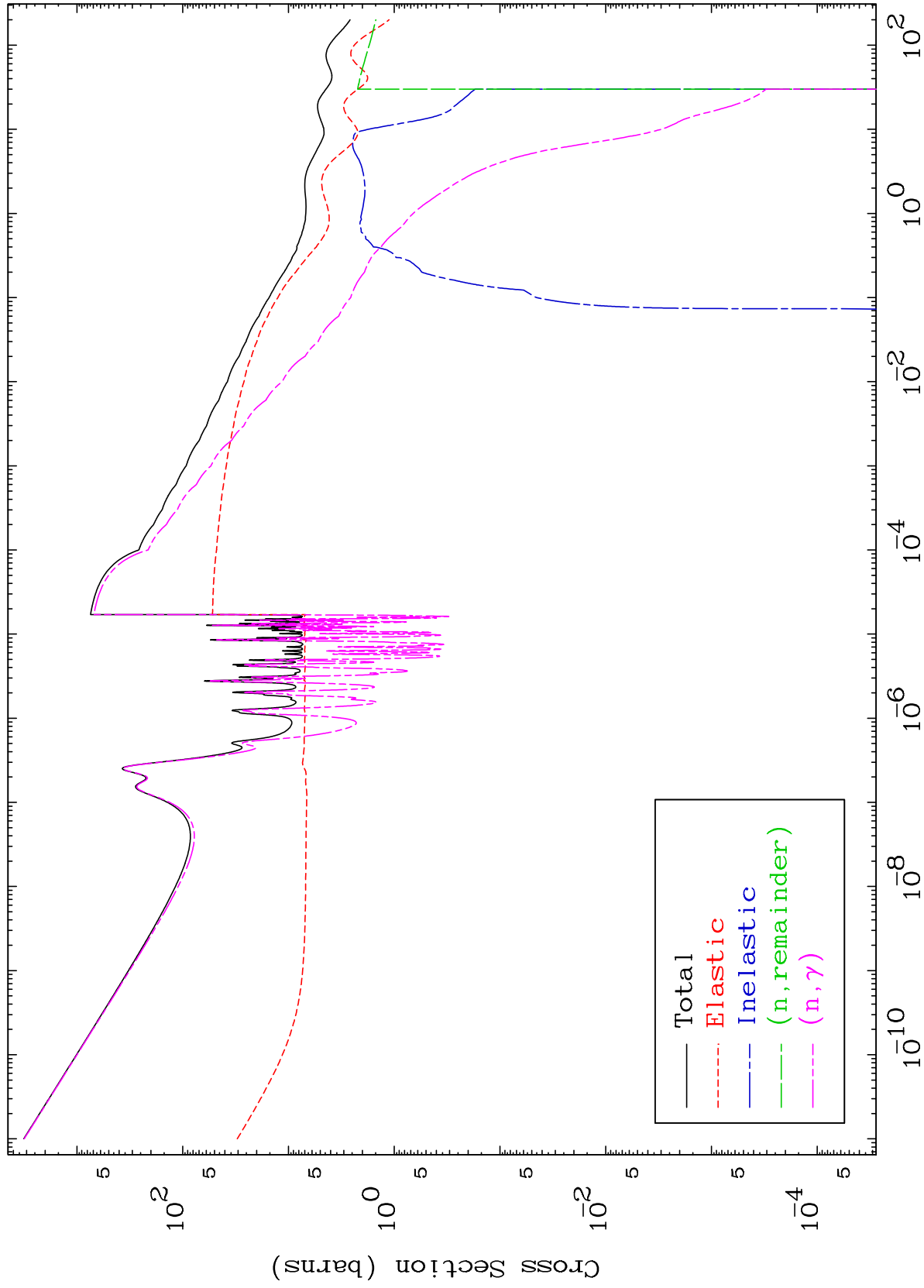
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7113

Major  
293 Kelvin Cross Sections

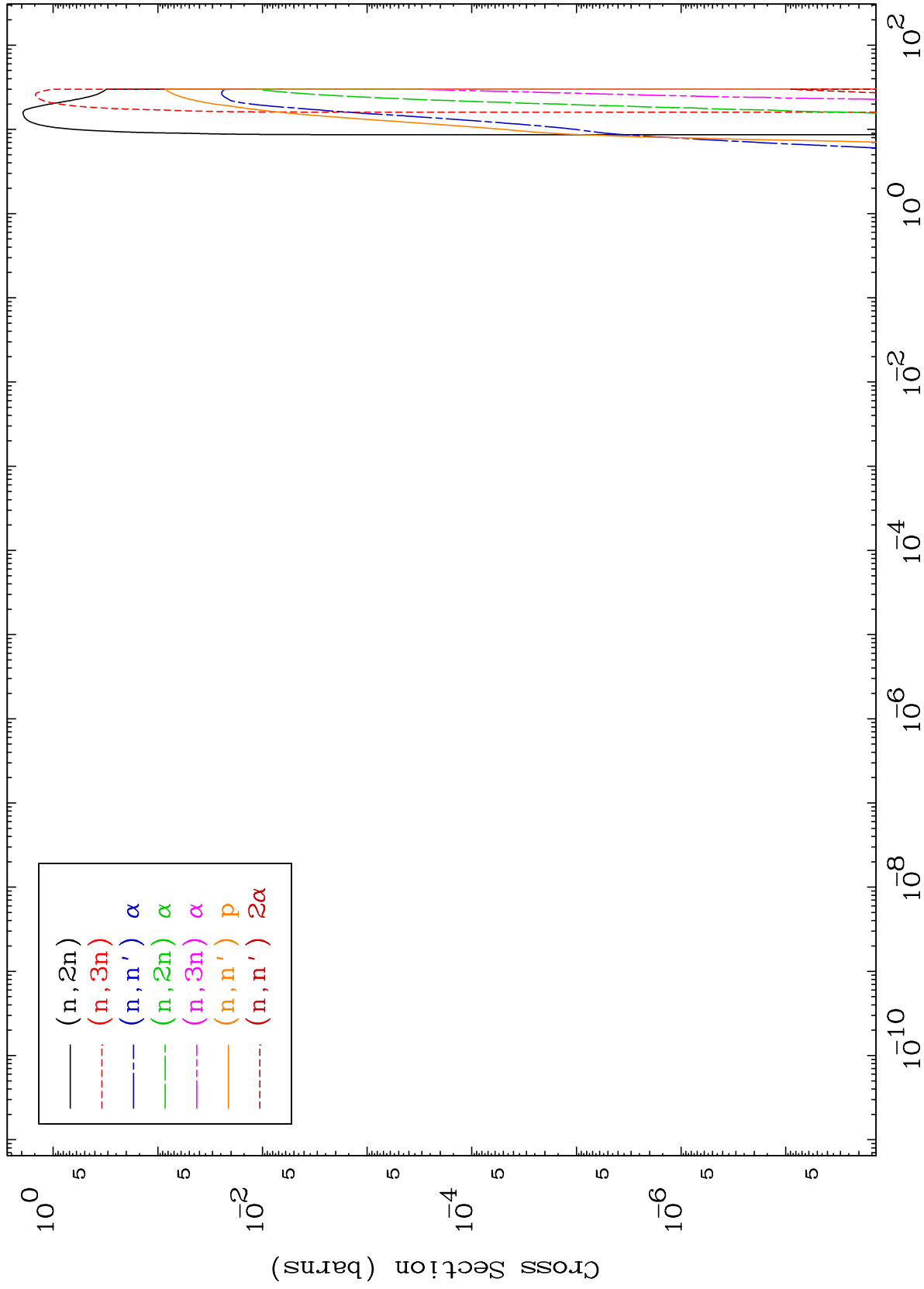
71-Lu-171



MAT 7113

Neutron Production  
293 Kelvin Cross Sections

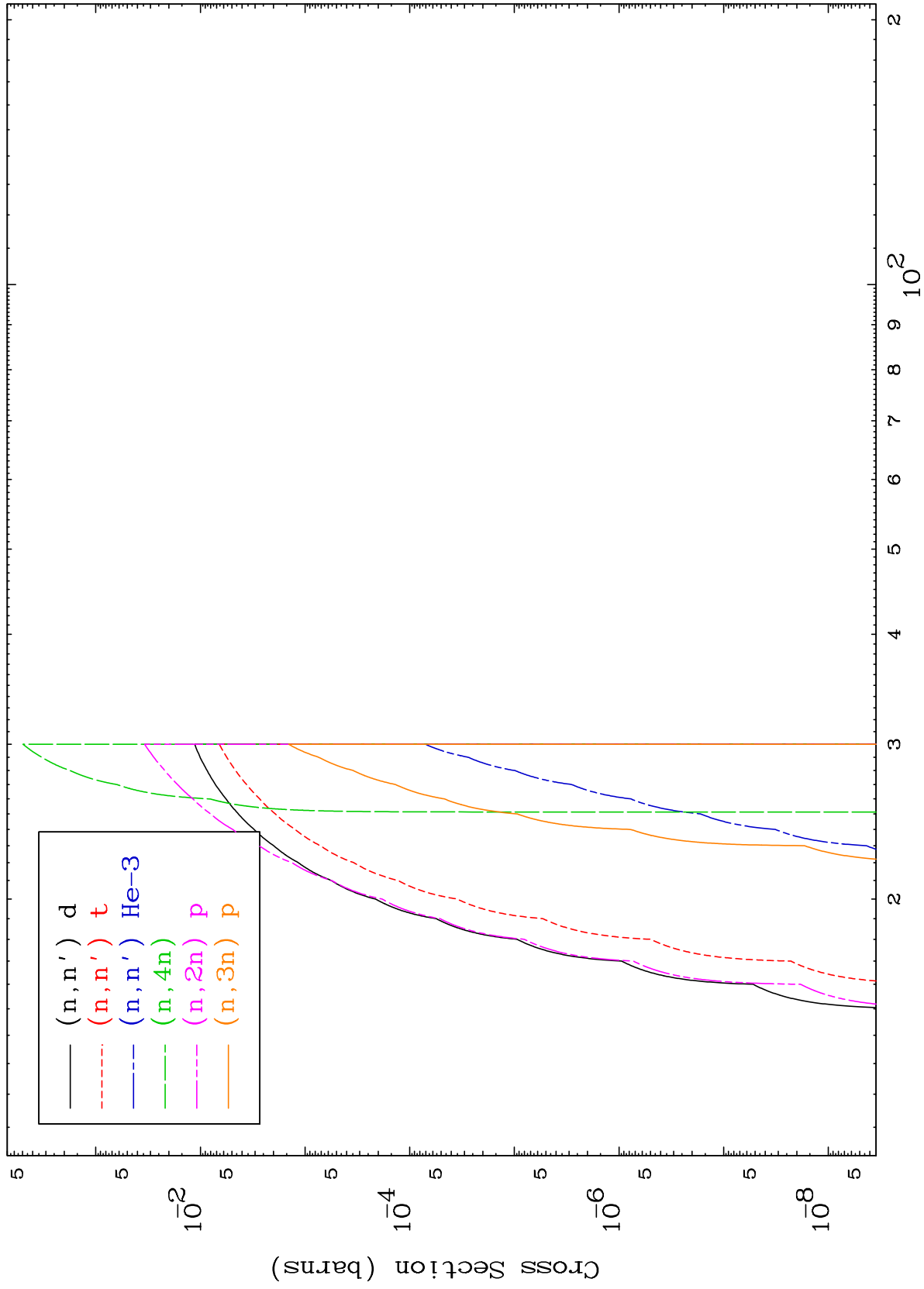
71-Lu-171



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Incident Energy (MeV)

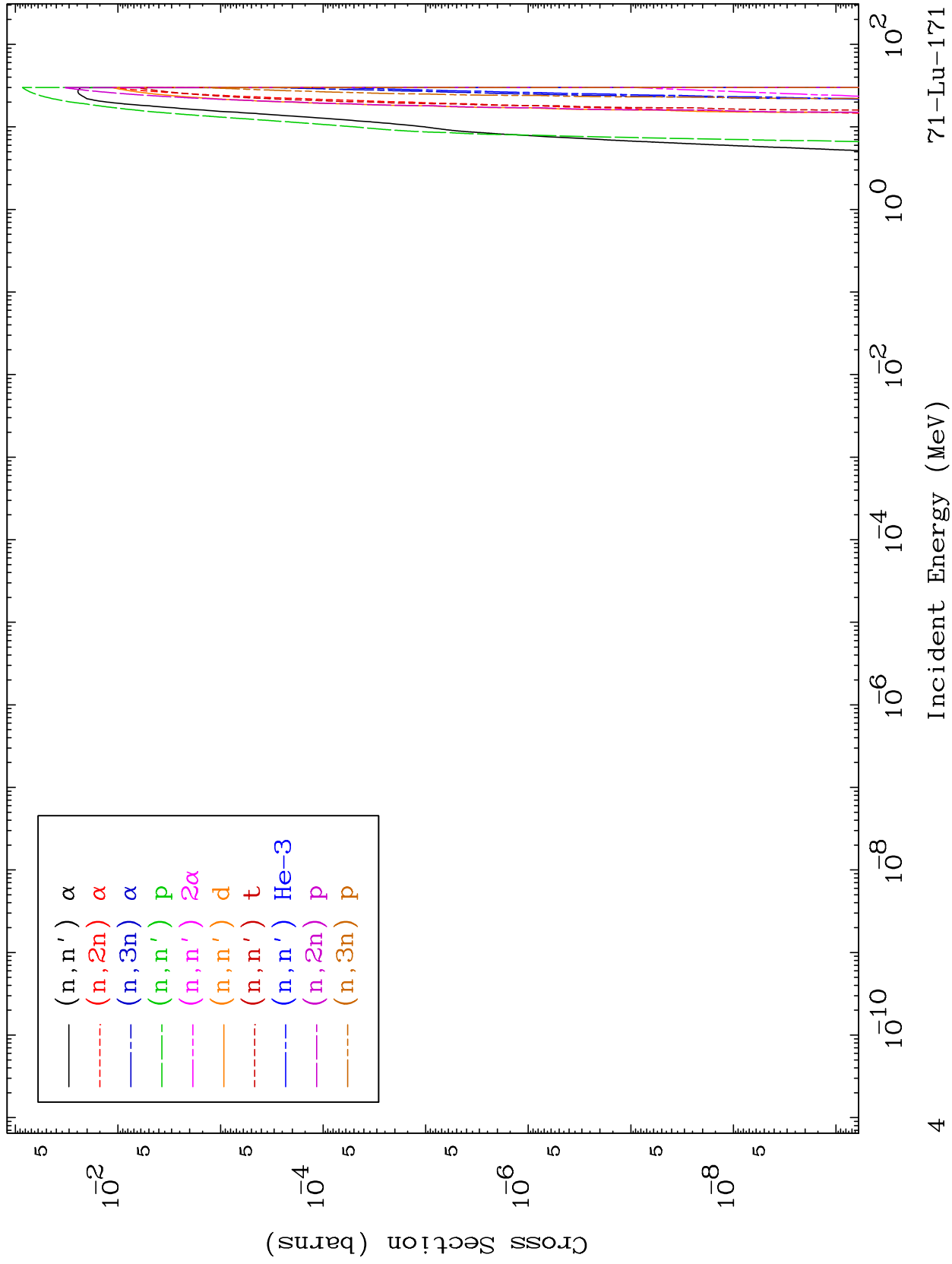
71-Lu-171



MAT 7113

293 Charged Particle  
Kelvin Cross Sections

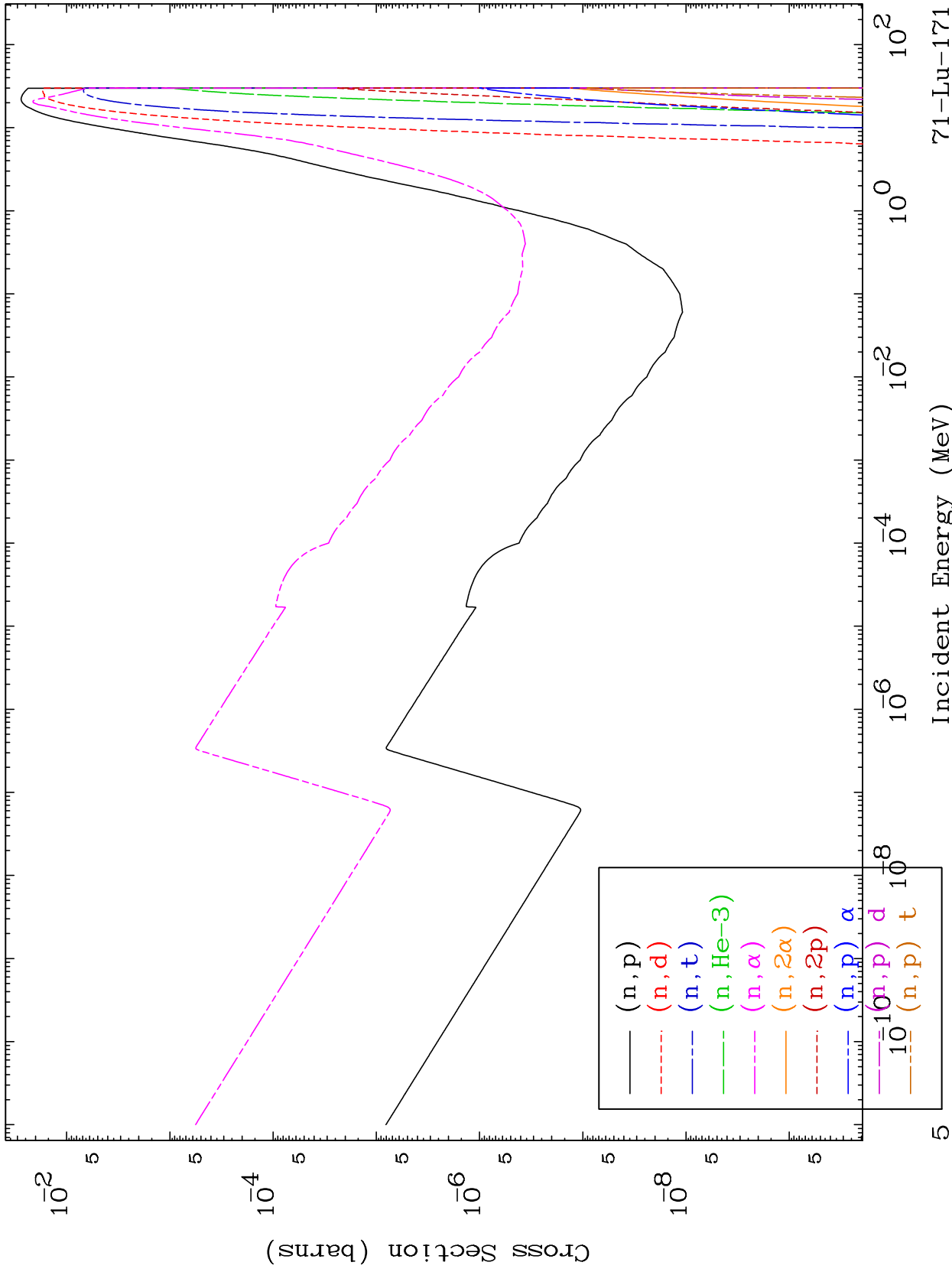
71-Lu-171

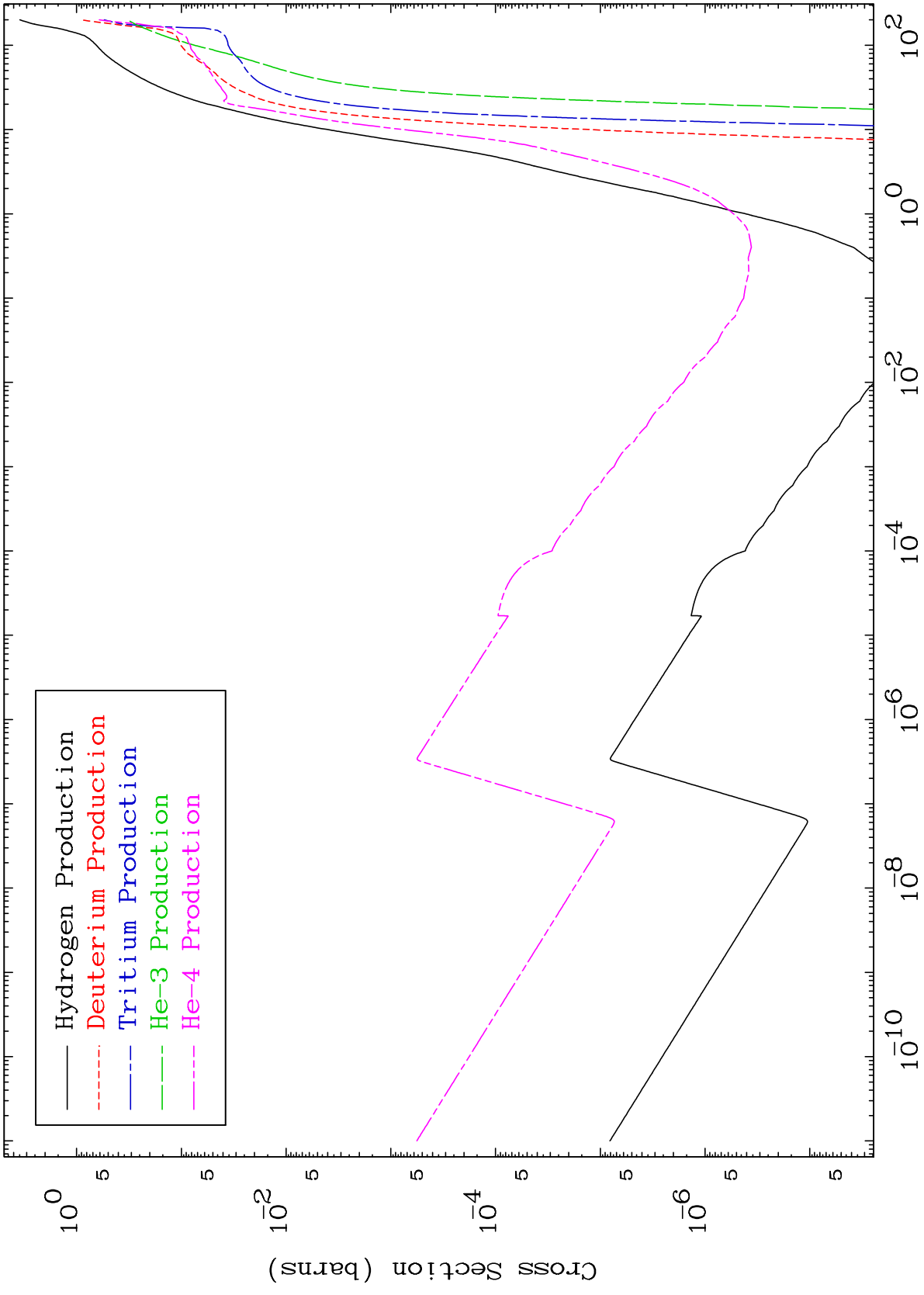


MAT 7113

293 Kelvin Cross Sections

71-Lu-171

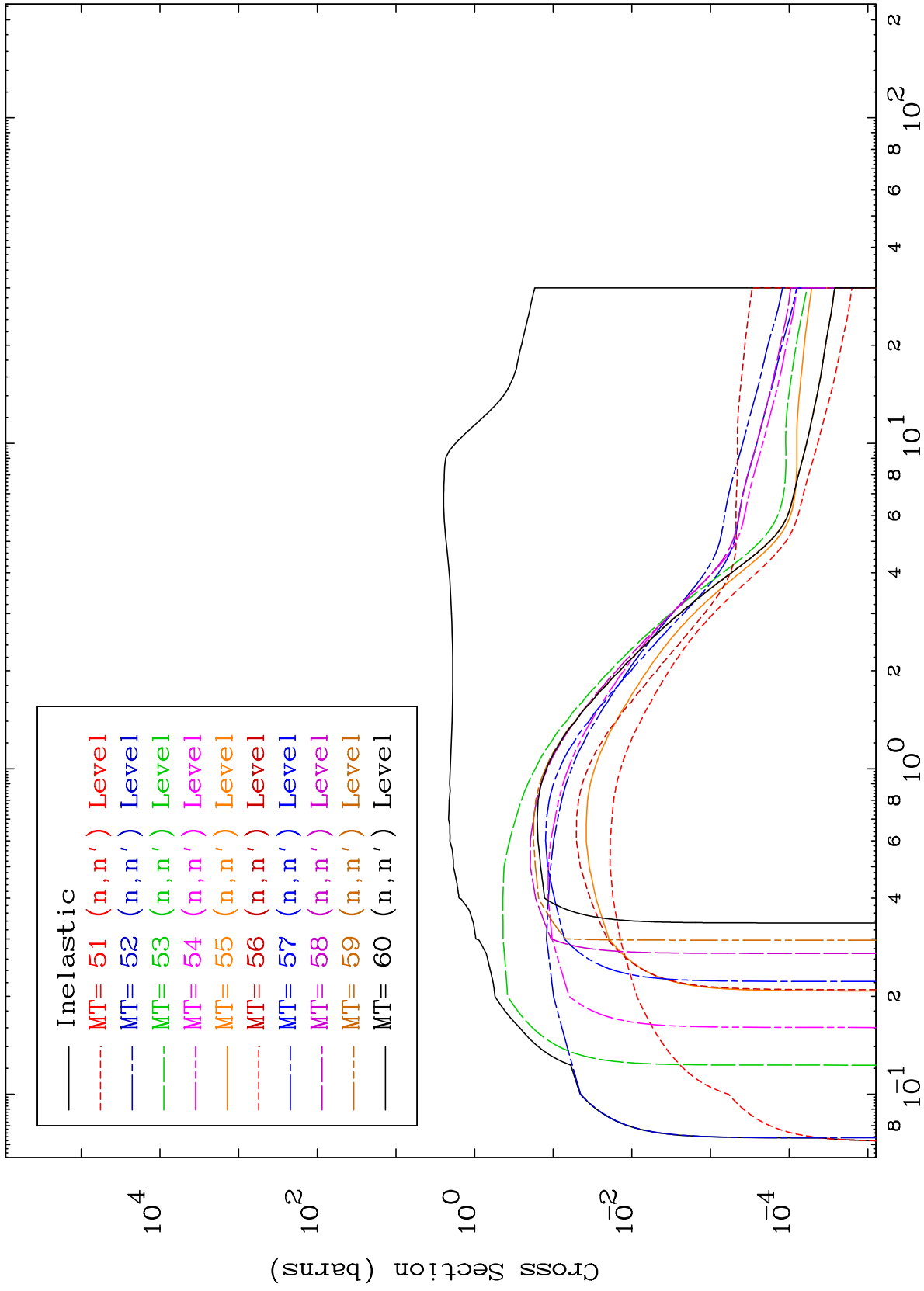




MAT 7113

293 Kelvin Cross Sections

71-Lu-171



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Incident Energy (MeV)

71-Lu-171

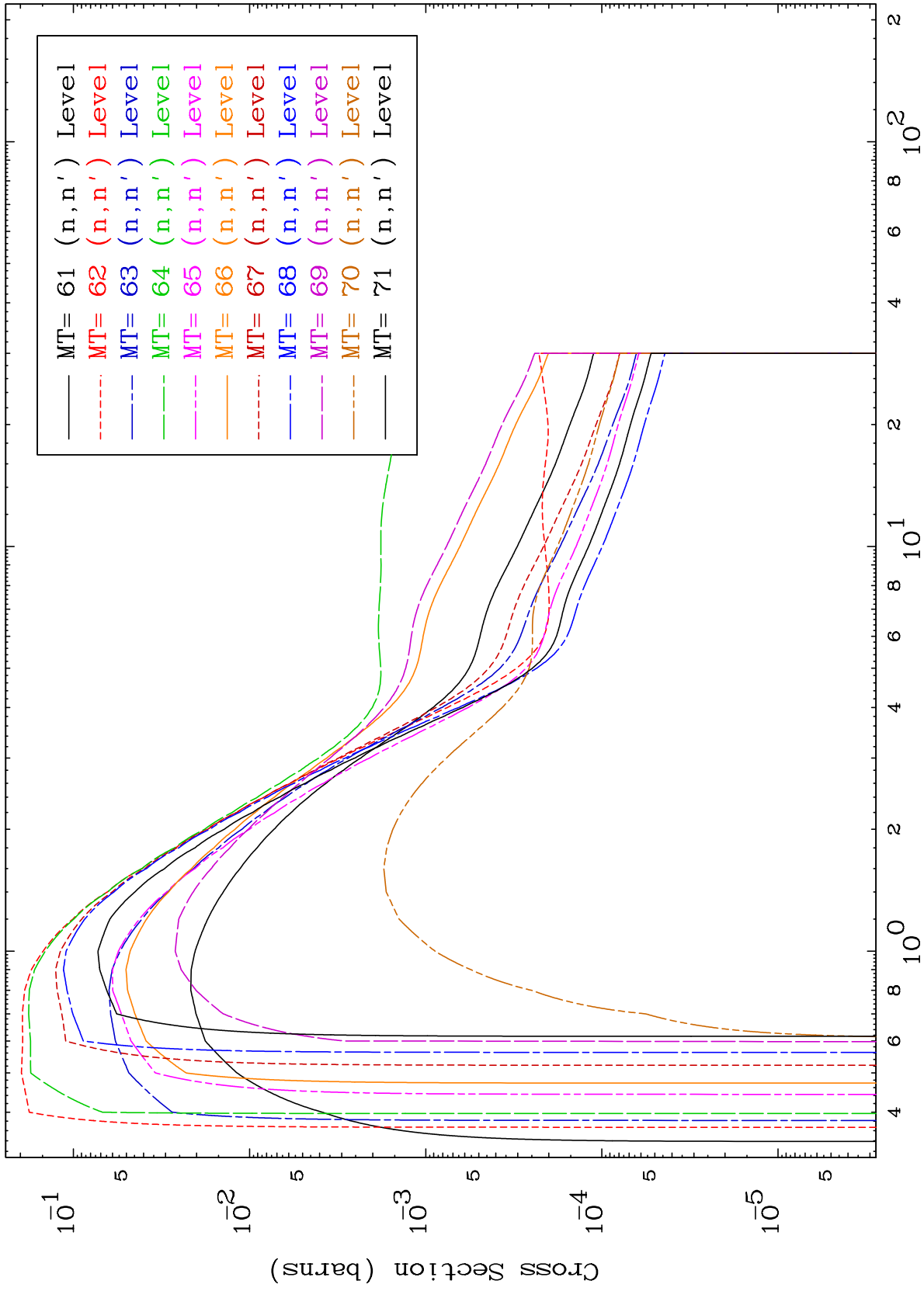


MAT 7113

(n,n') Level

71-Lu-171

293 Kelvin Cross Sections



8

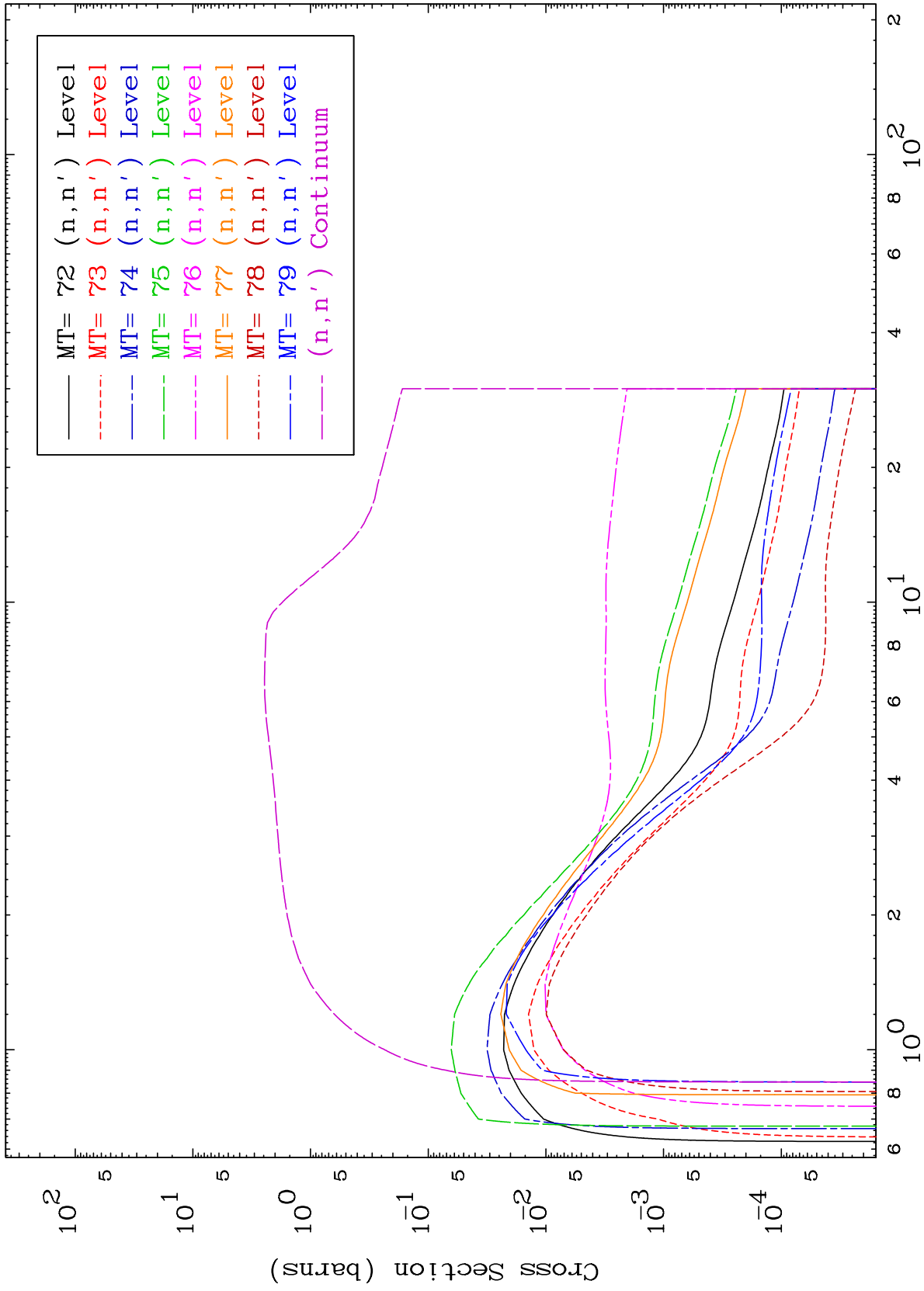
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,n') Level  
293 Kelvin Cross Sections

71-Lu-171



9

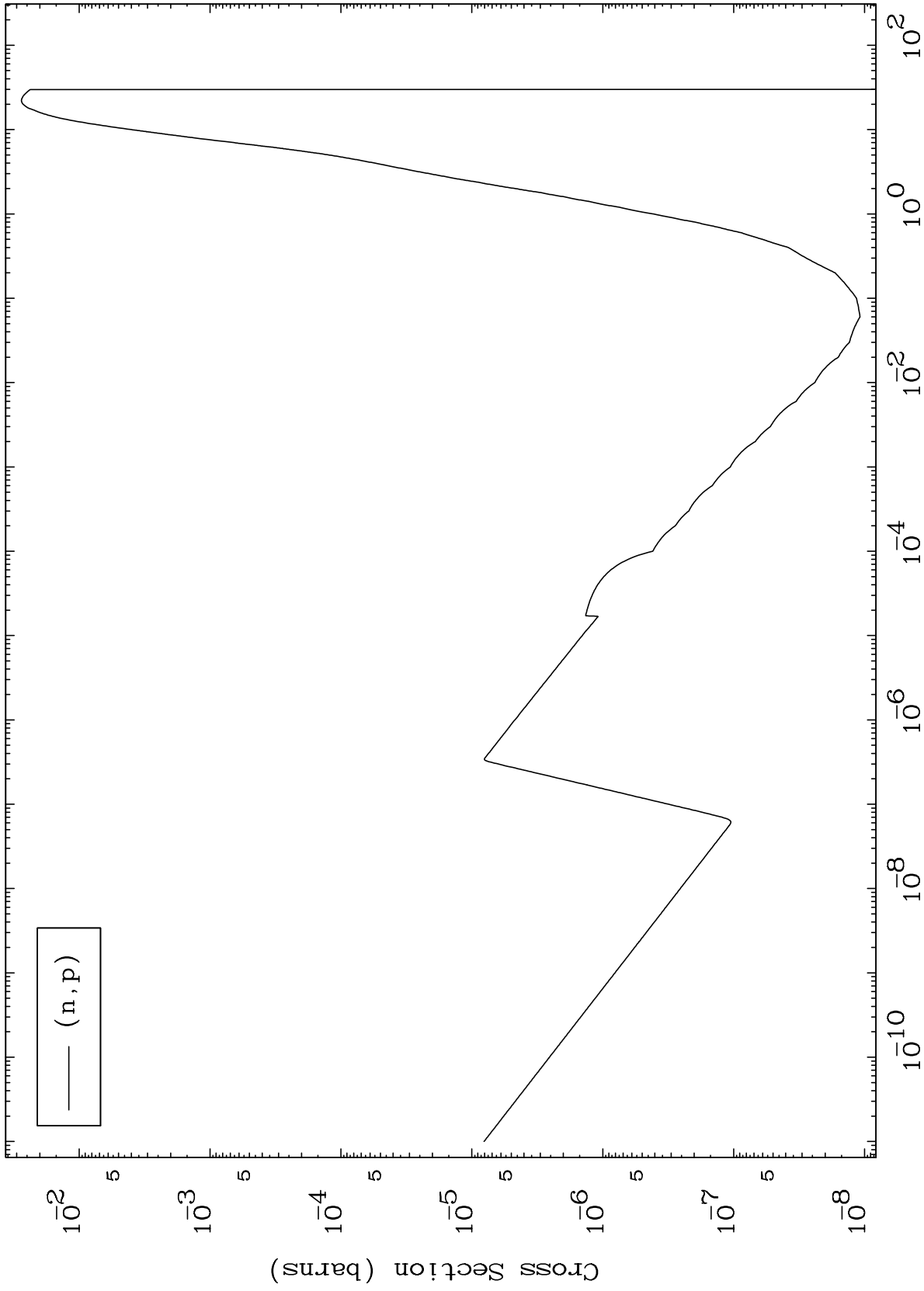
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-171



10

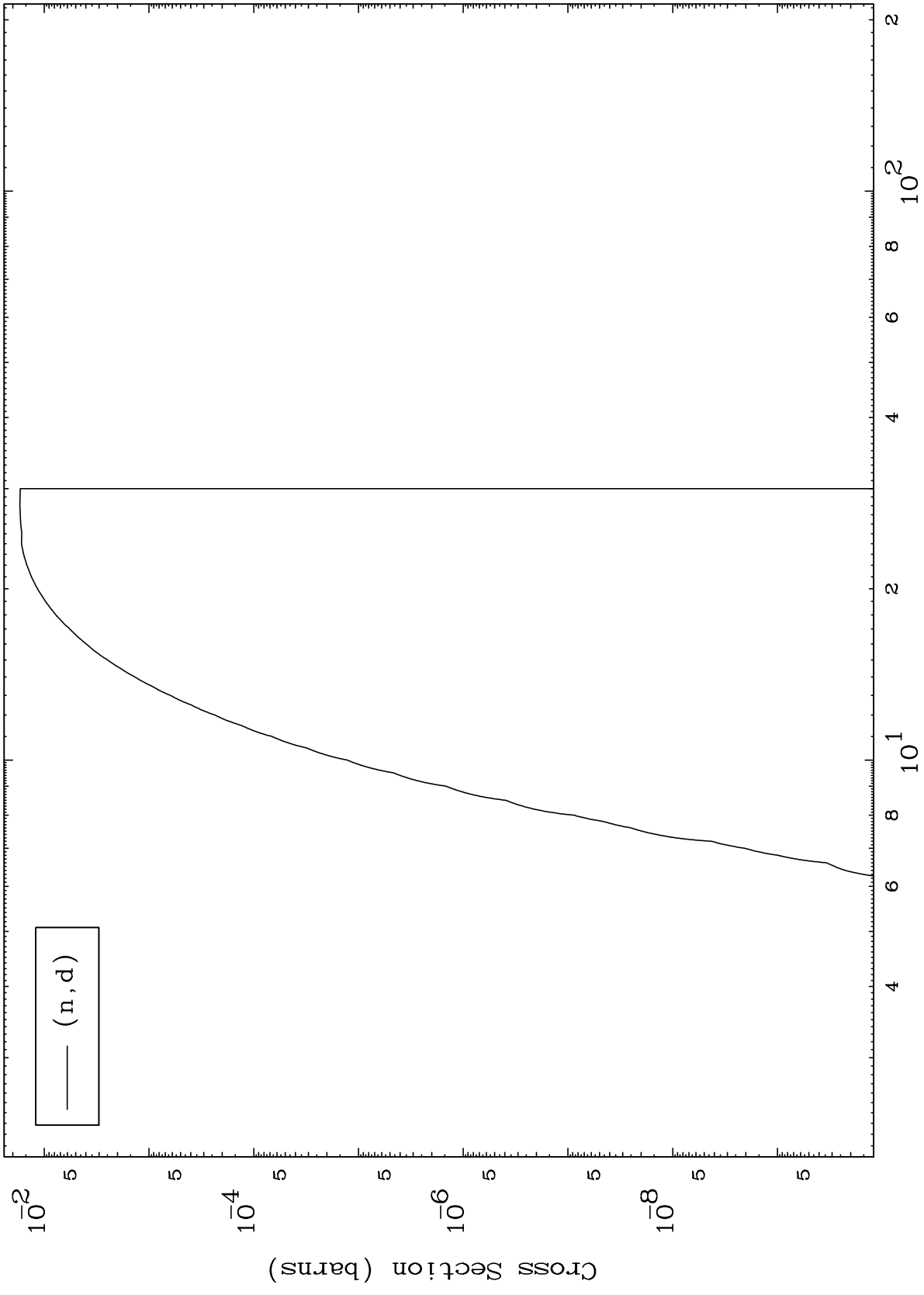
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,d) Levels  
293 Kelvin Cross Sections

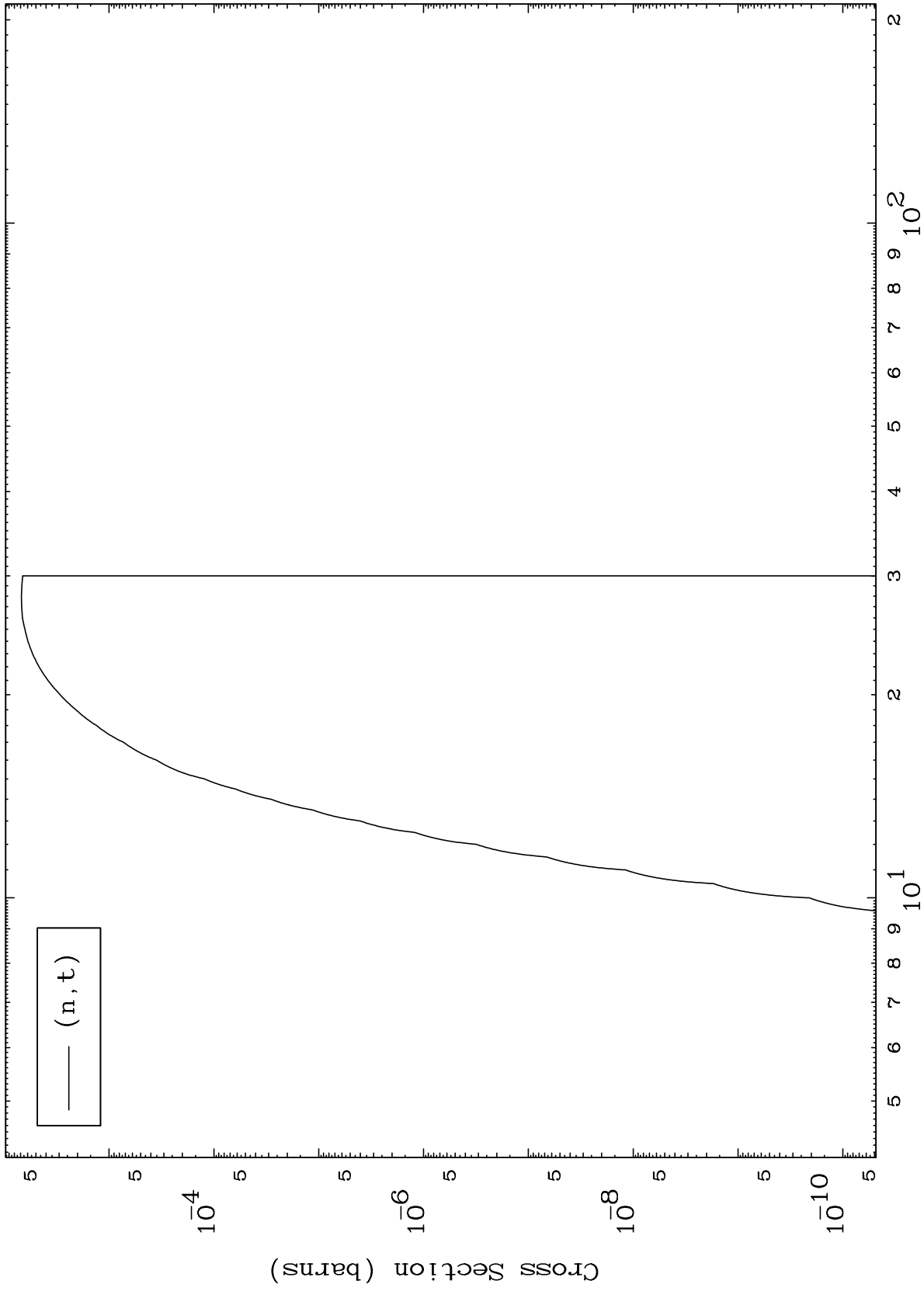
71-Lu-171



MAT 7113

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-171



12

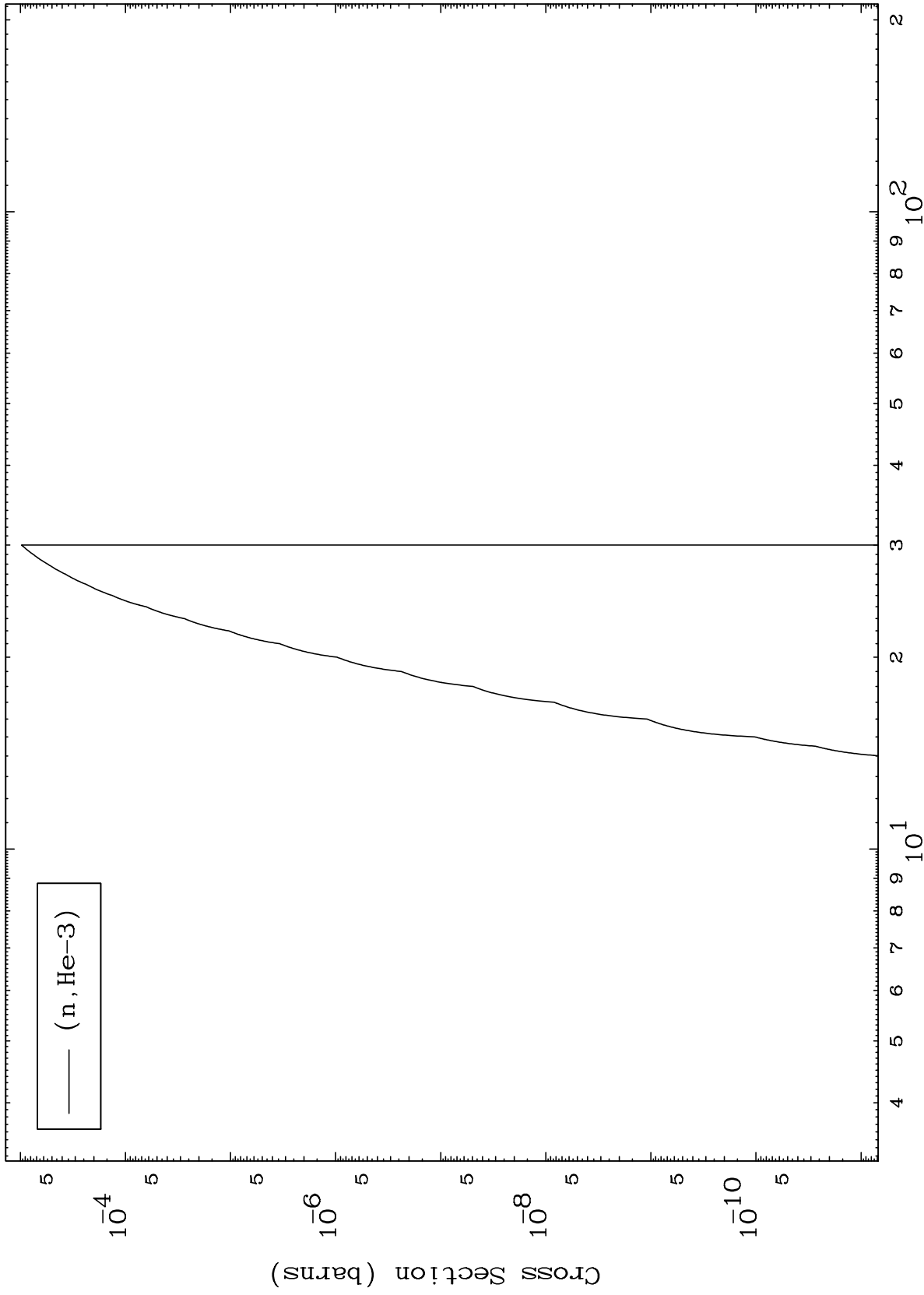
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-171



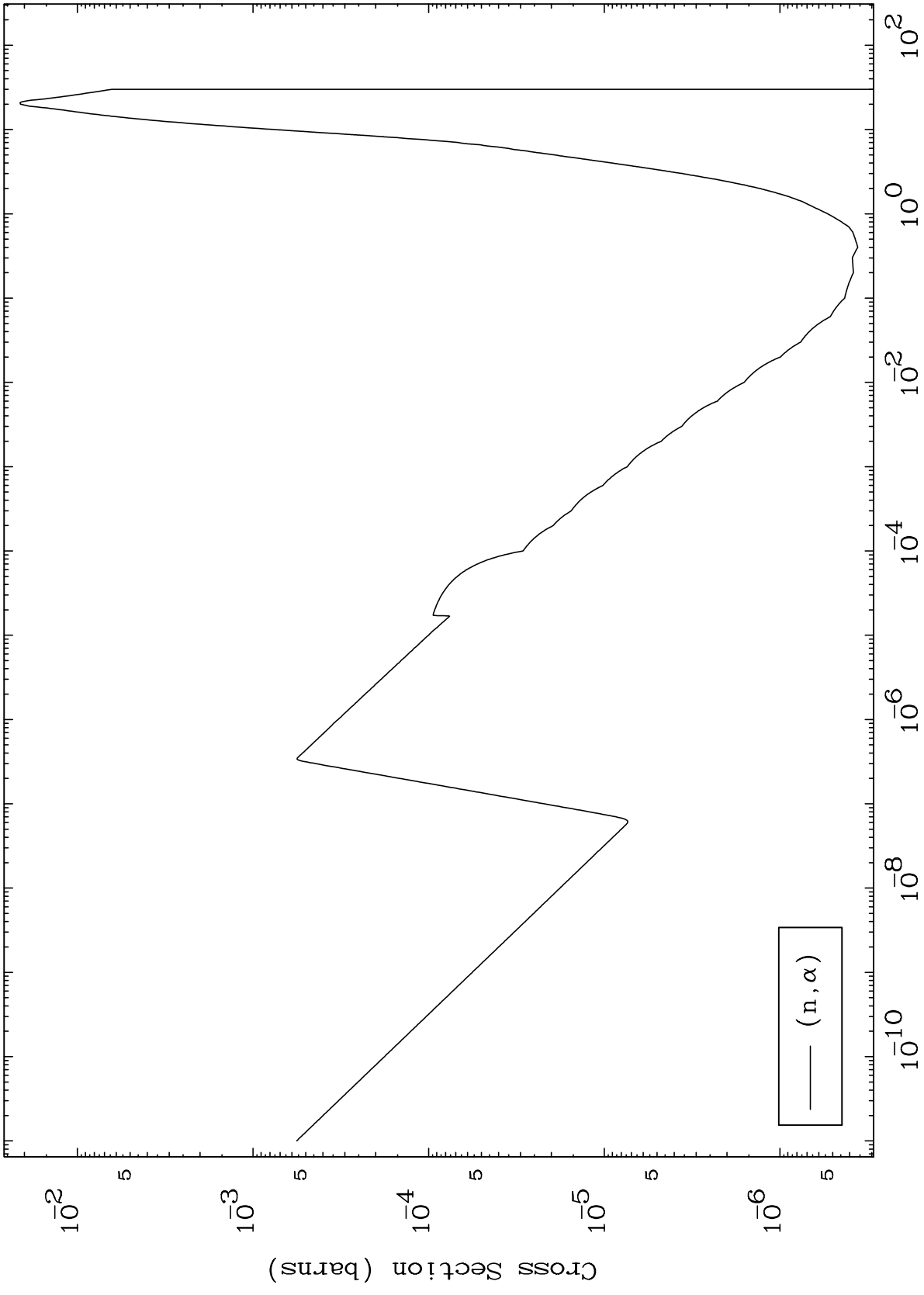
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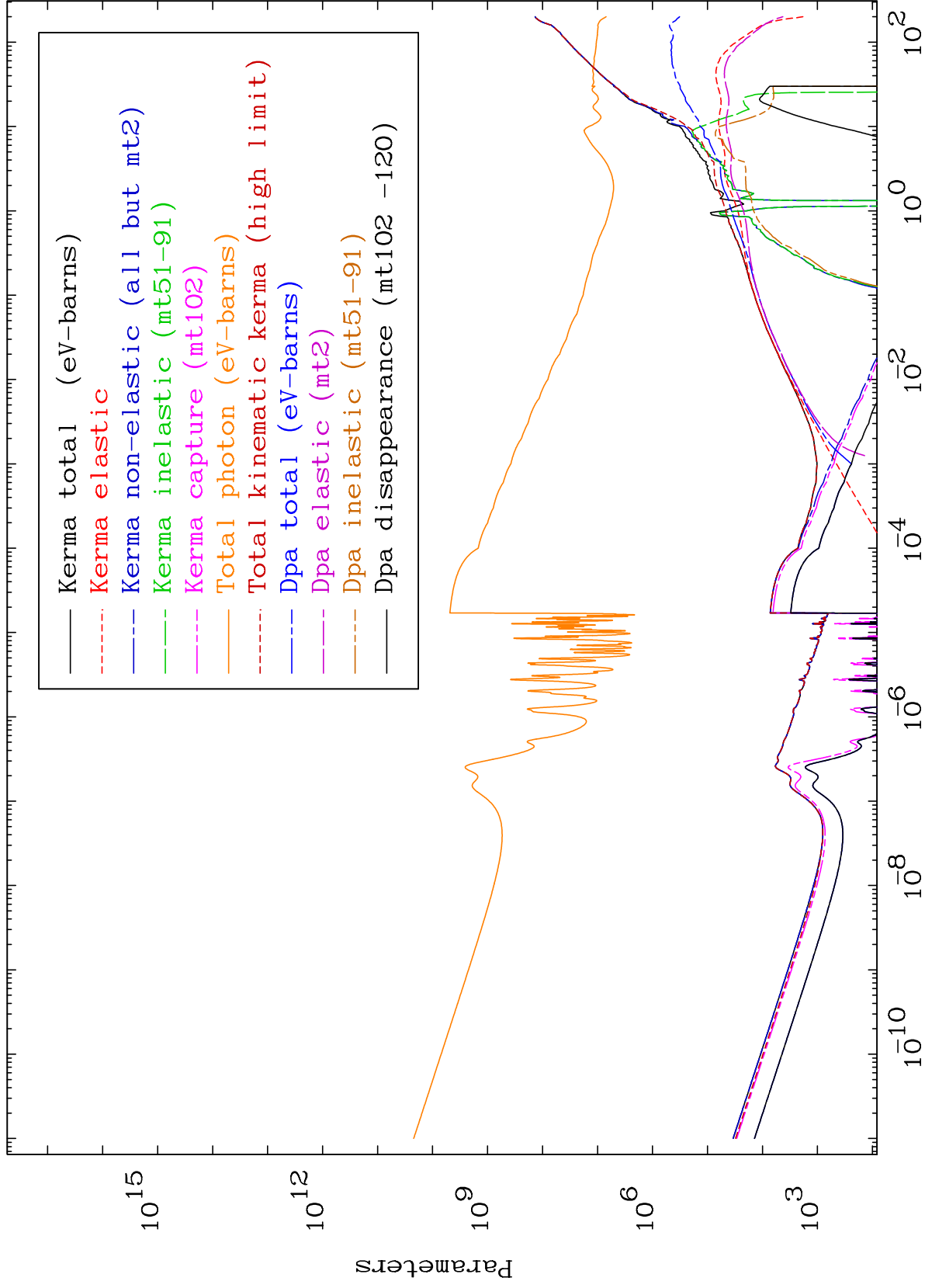
MAT 7113

(n,α) Levels  
293 Kelvin Cross Sections

71-Lu-171



71-Lu-171

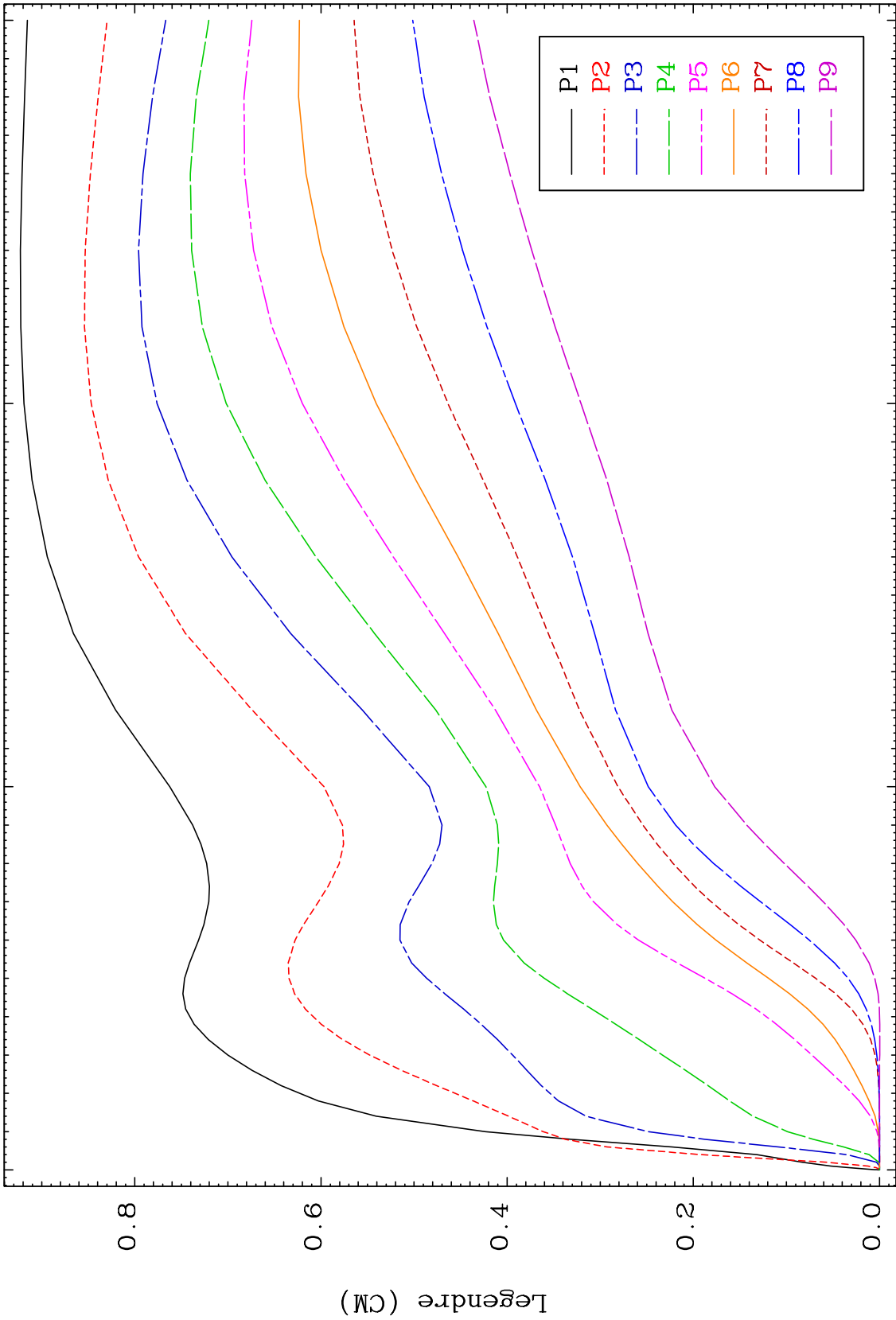




MAT 7113

71-Lu-171

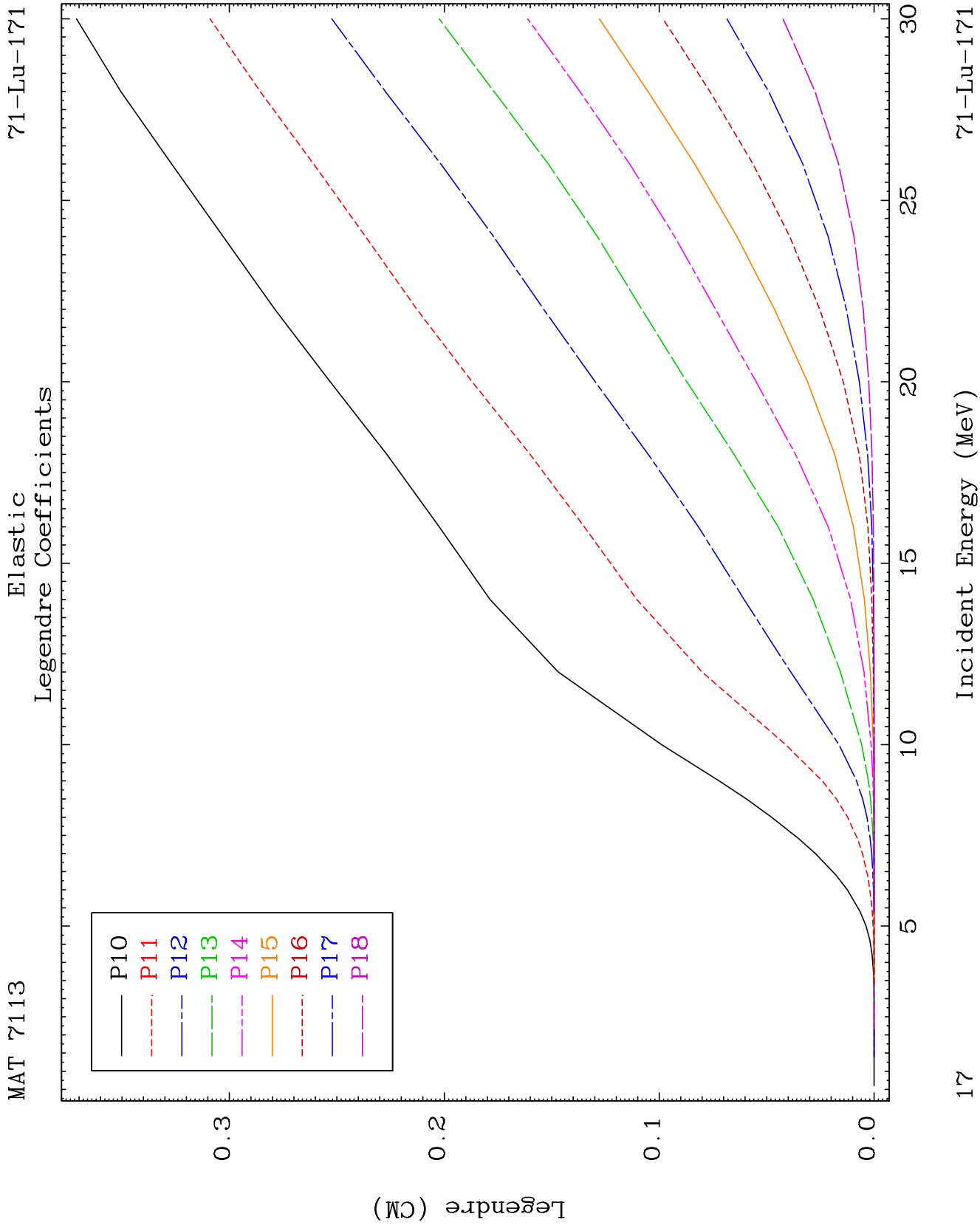
Elastic Legendre Coefficients



71-Lu-171

Incident Energy (MeV)

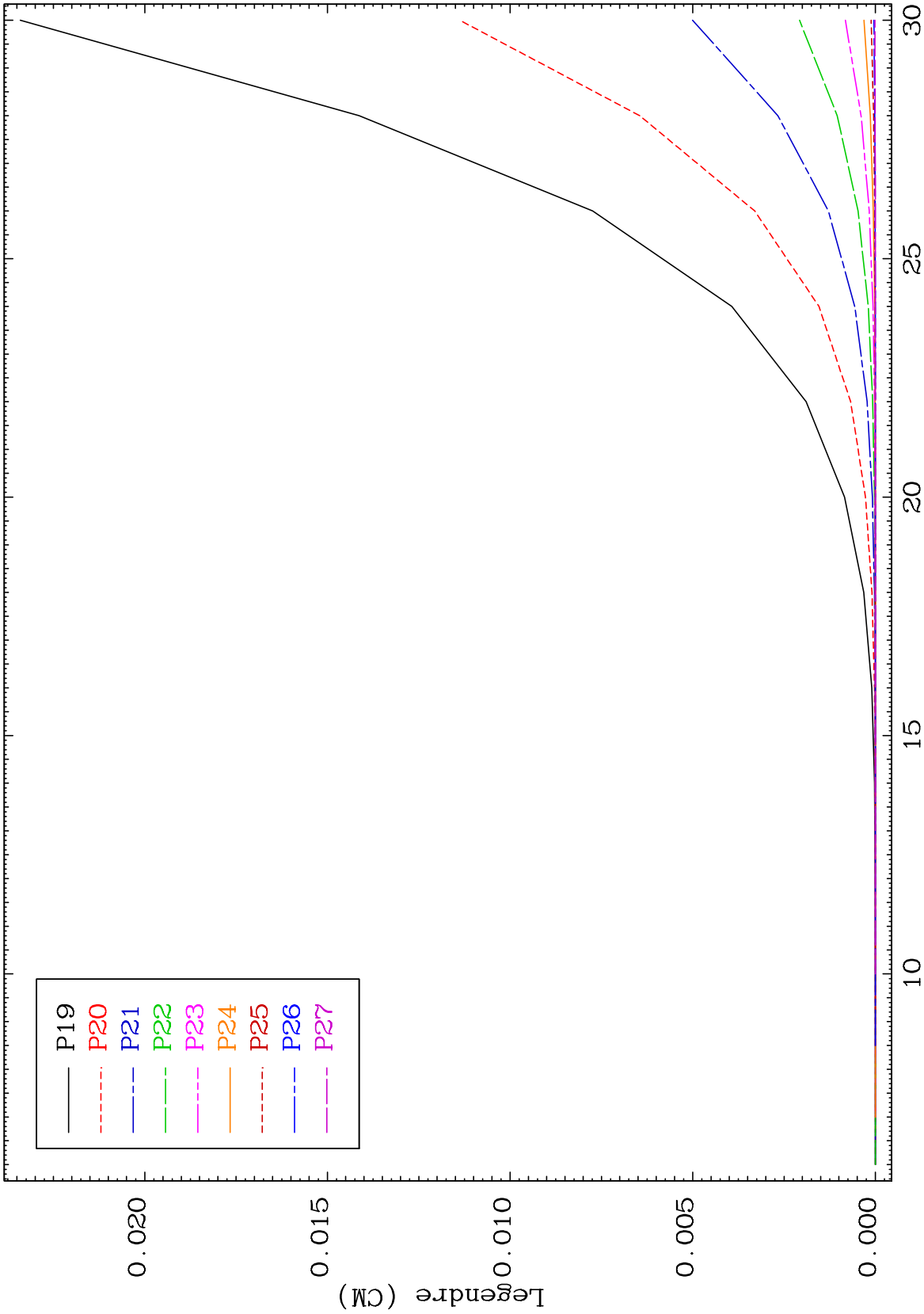
16



MAT 7113

### Elastic Legendre Coefficients

71-Lu-171



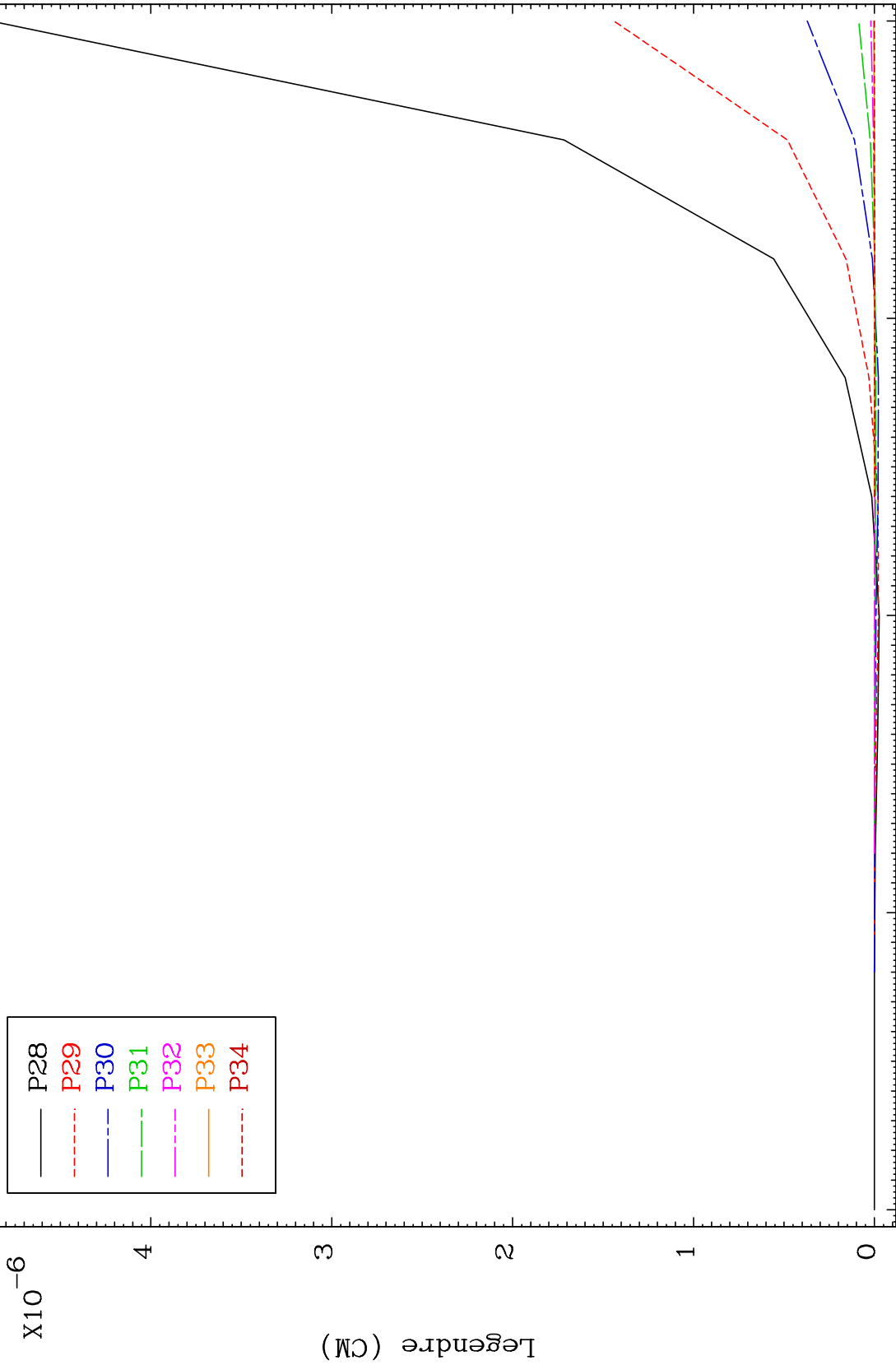
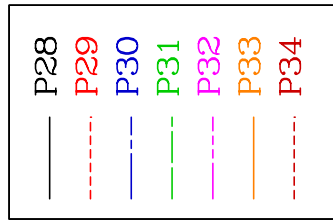
18

71-Lu-171

MAT 7113

Elastic Legendre Coefficients

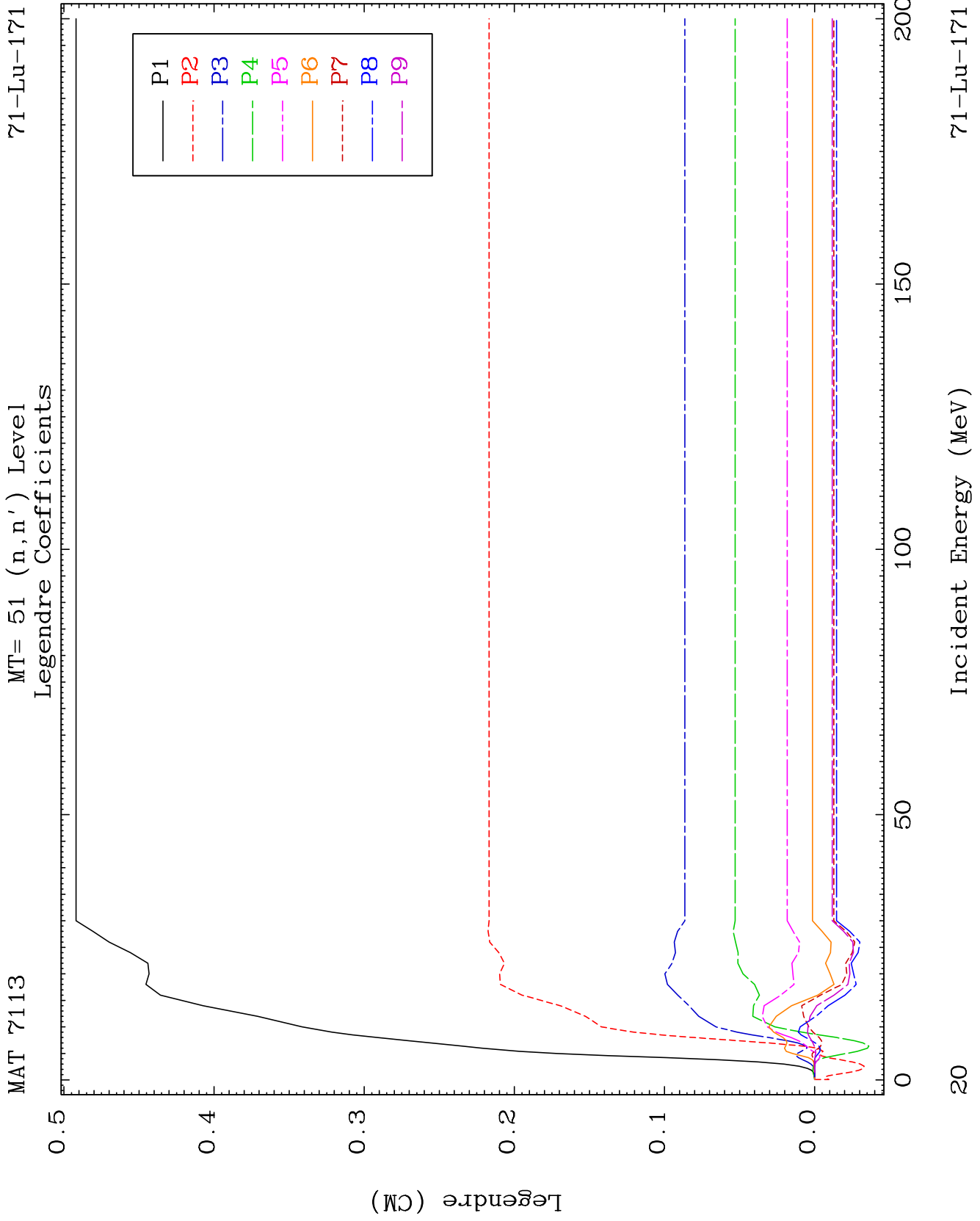
71-Lu-171



19

Incident Energy (MeV)

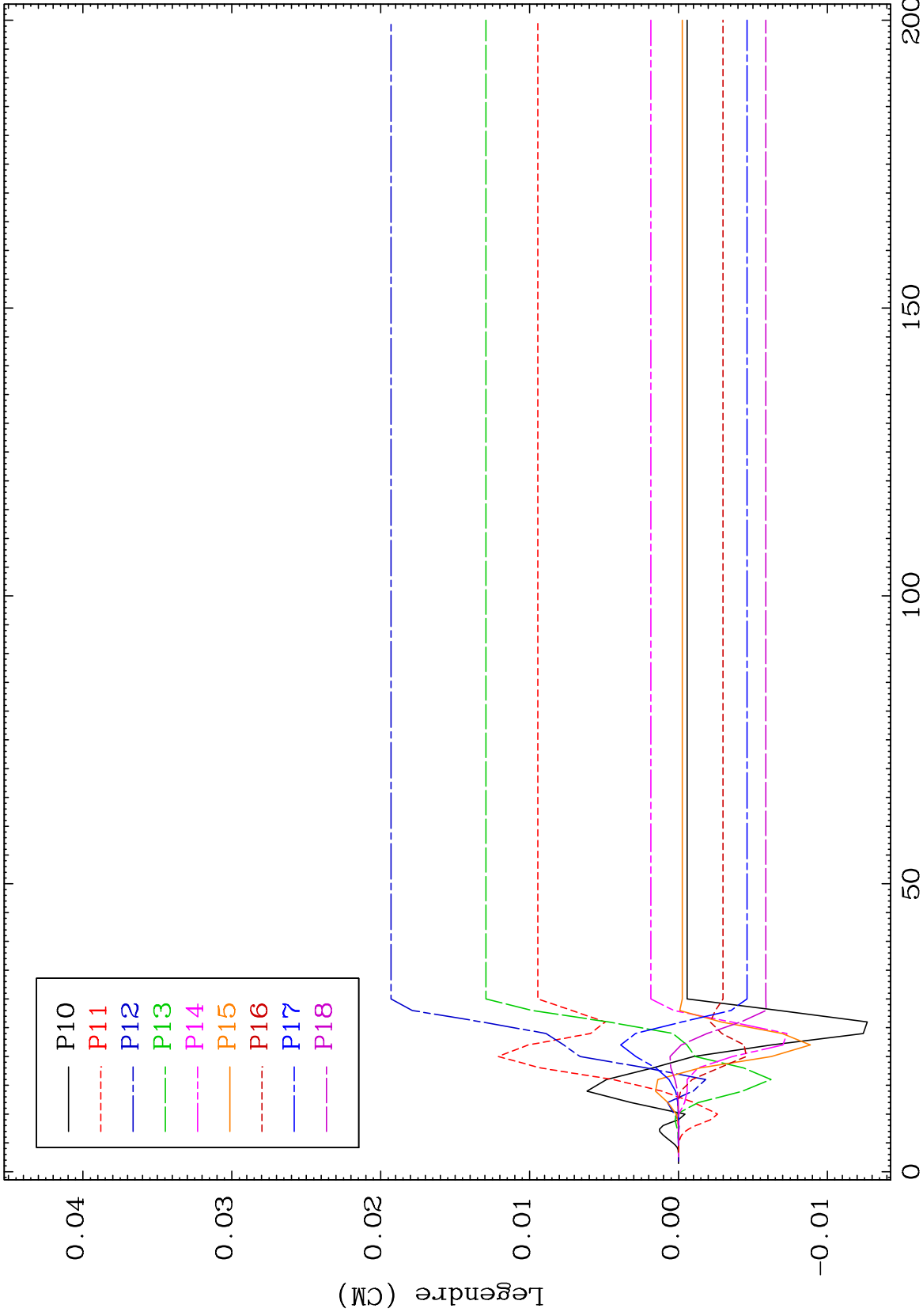
71-Lu-171



MAT 7113

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

71-Lu-171

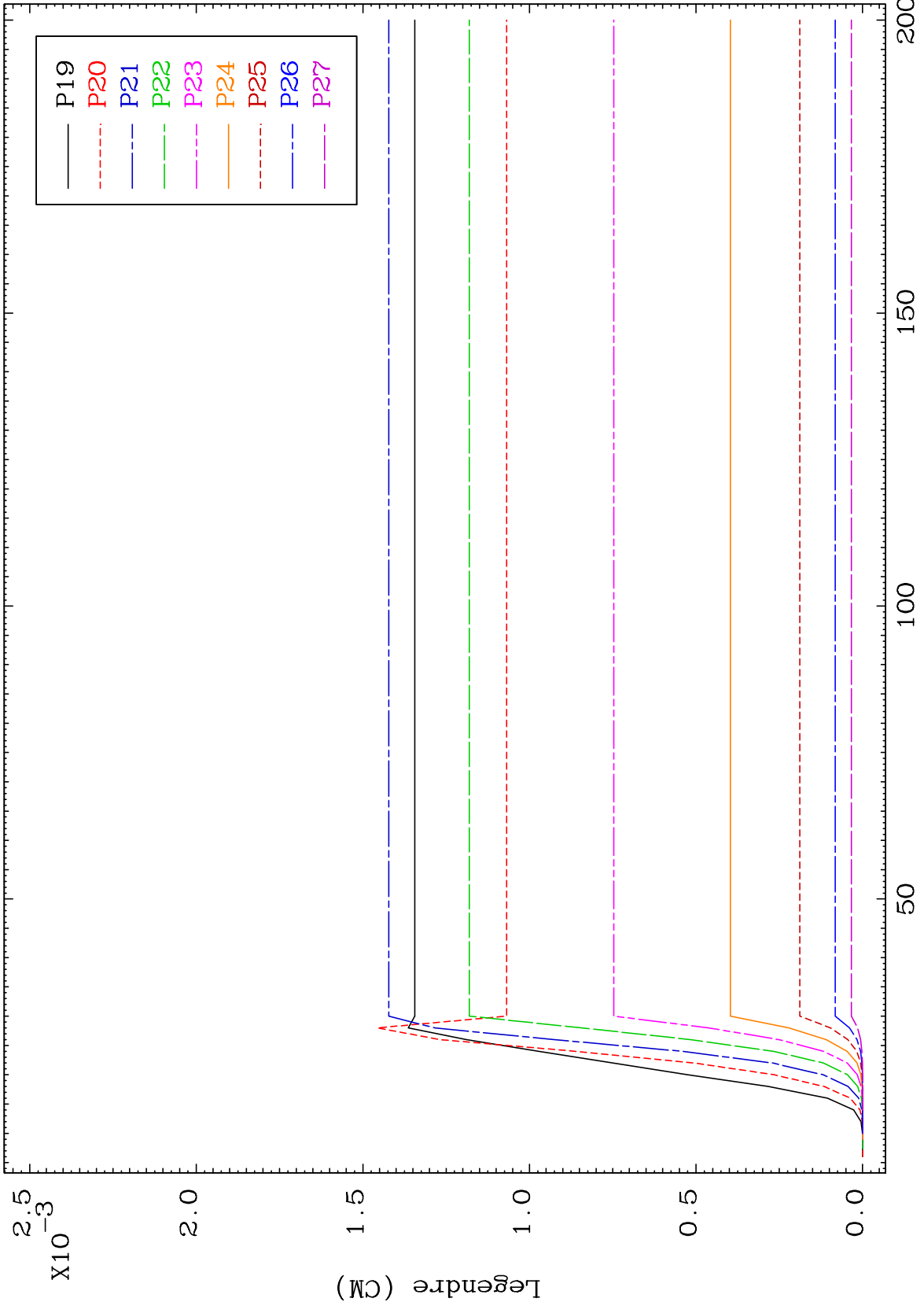


21

Incident Energy (MeV)

71-Lu-171

MAT 7113 MT= 51 (n,n') Level Legendre Coefficients 71-Lu-171

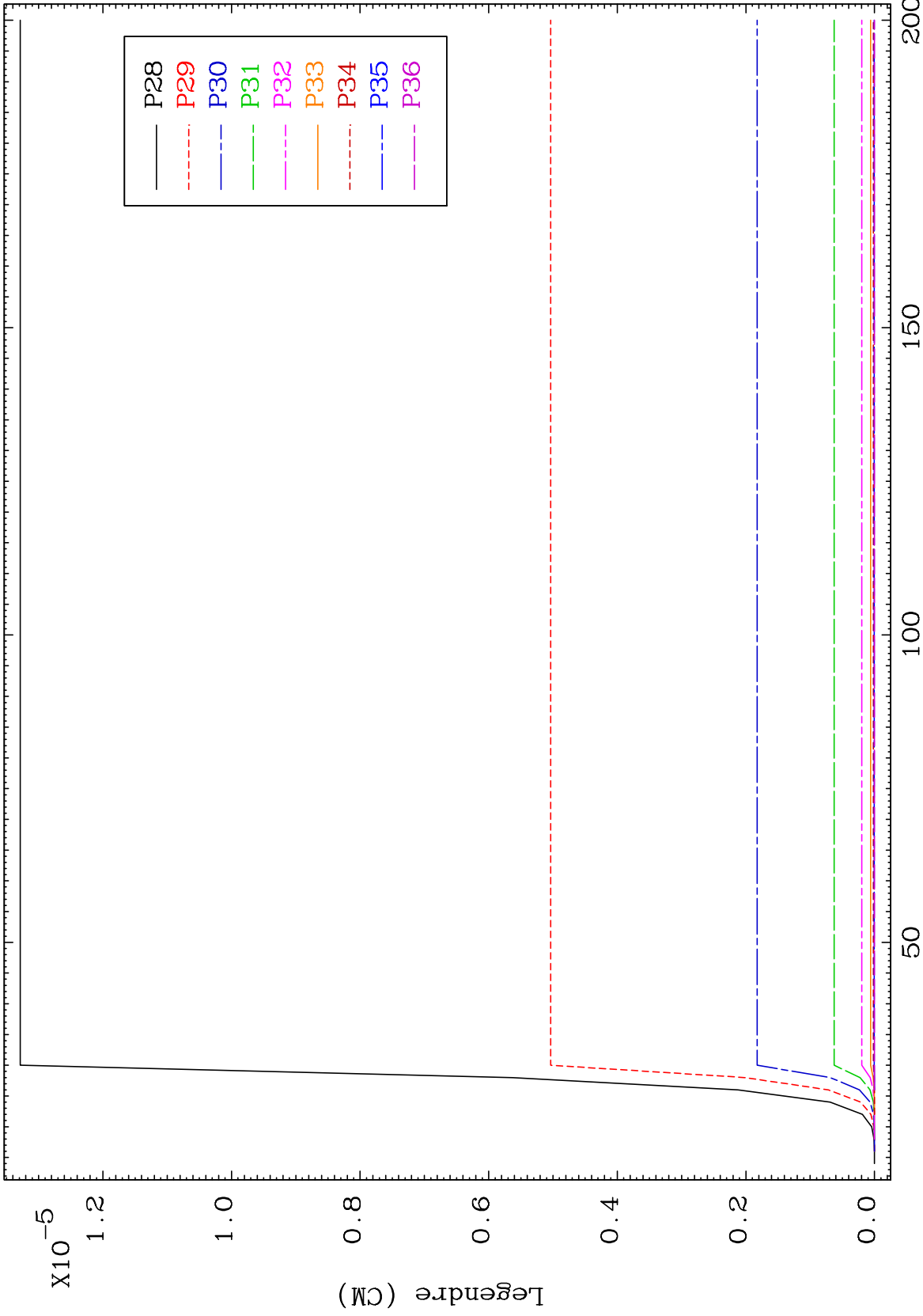


22 Incident Energy (MeV) 71-Lu-171

MAT 7113

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

71-Lu-171



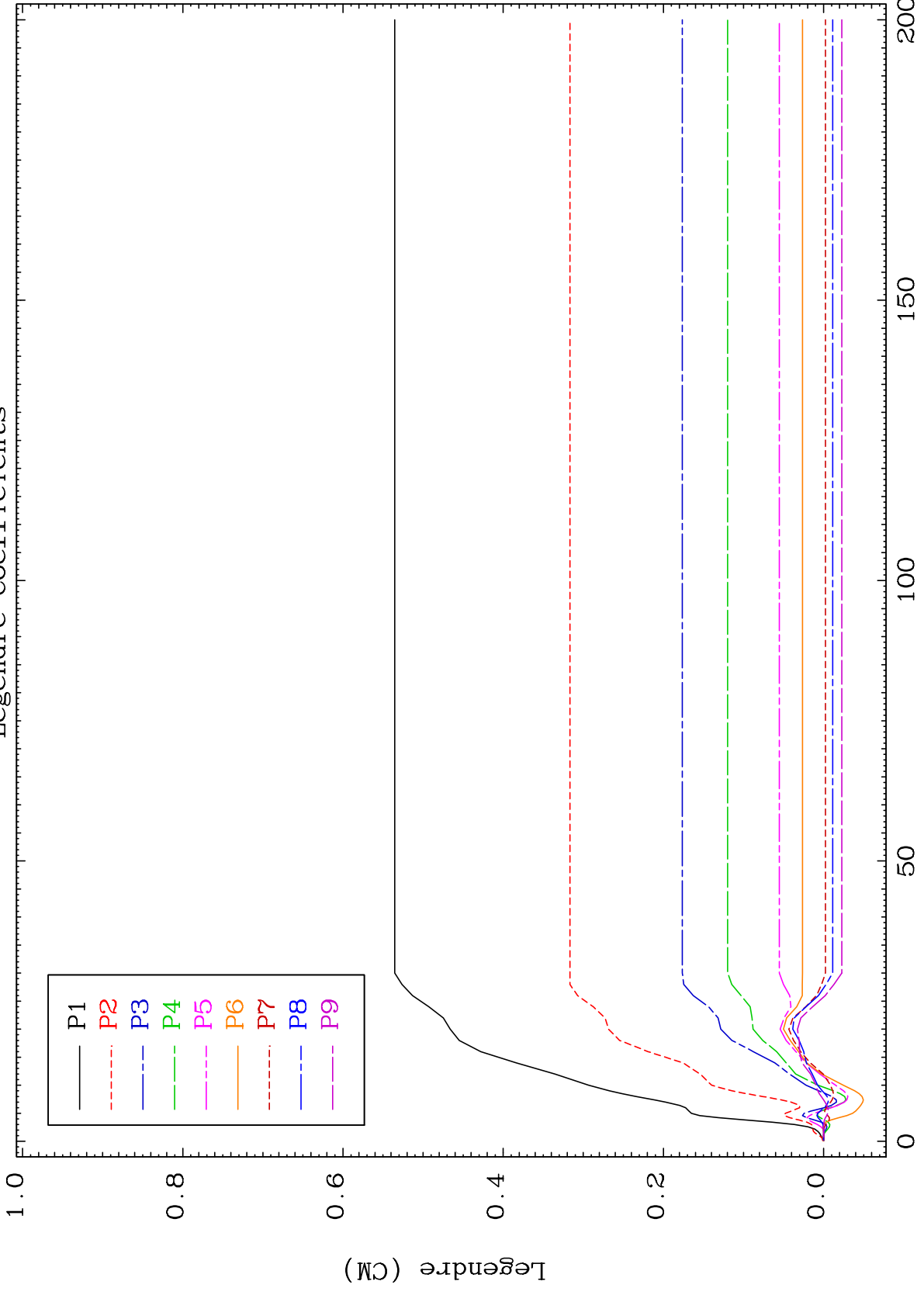
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Incident Energy (MeV)

71-Lu-171

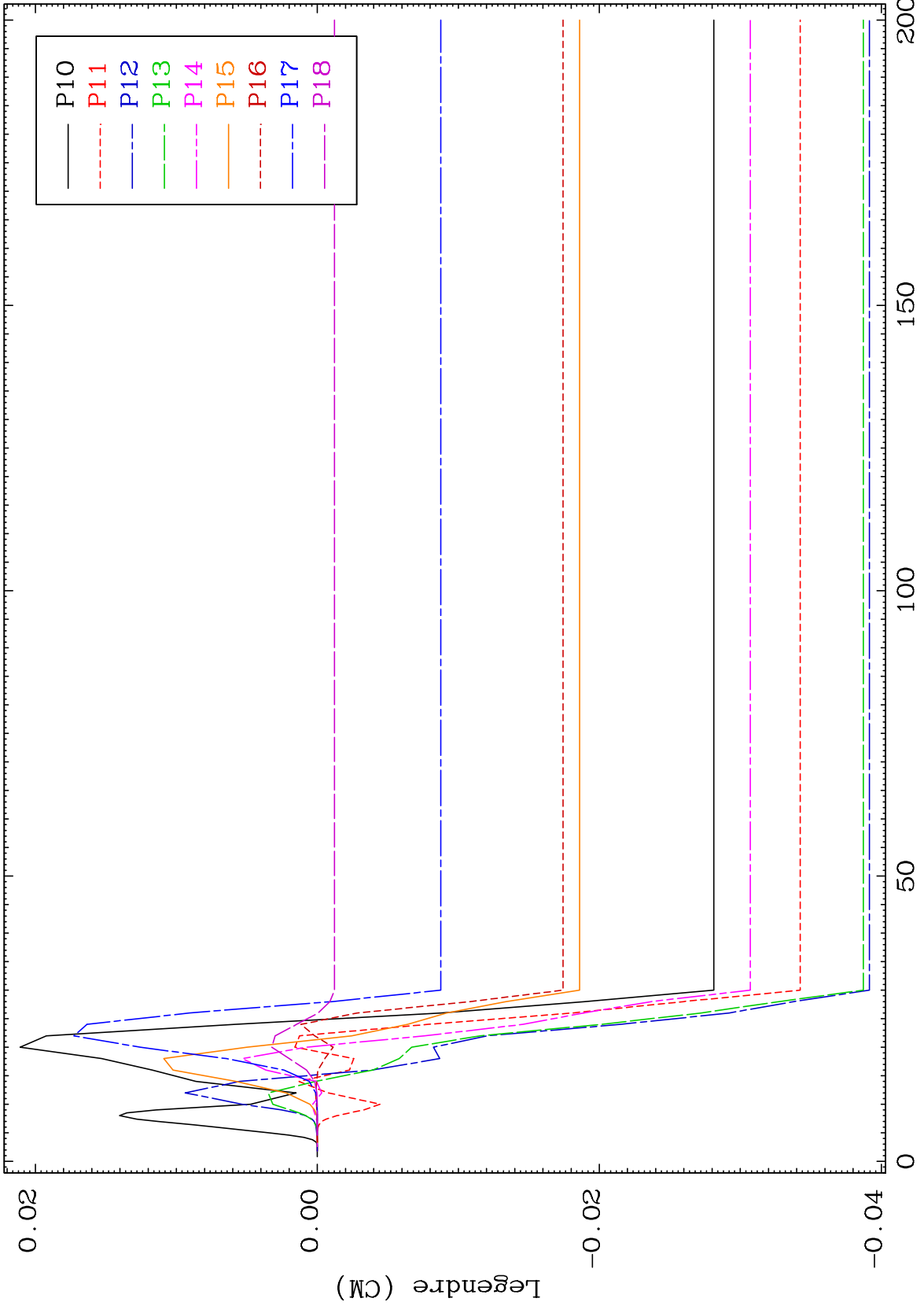


MAT 7113 MT= 52 (n,n') Level Legendre Coefficients 71-Lu-171



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MAT 7113 MT= 52 (n,n') Level Legendre Coefficients 71-Lu-171

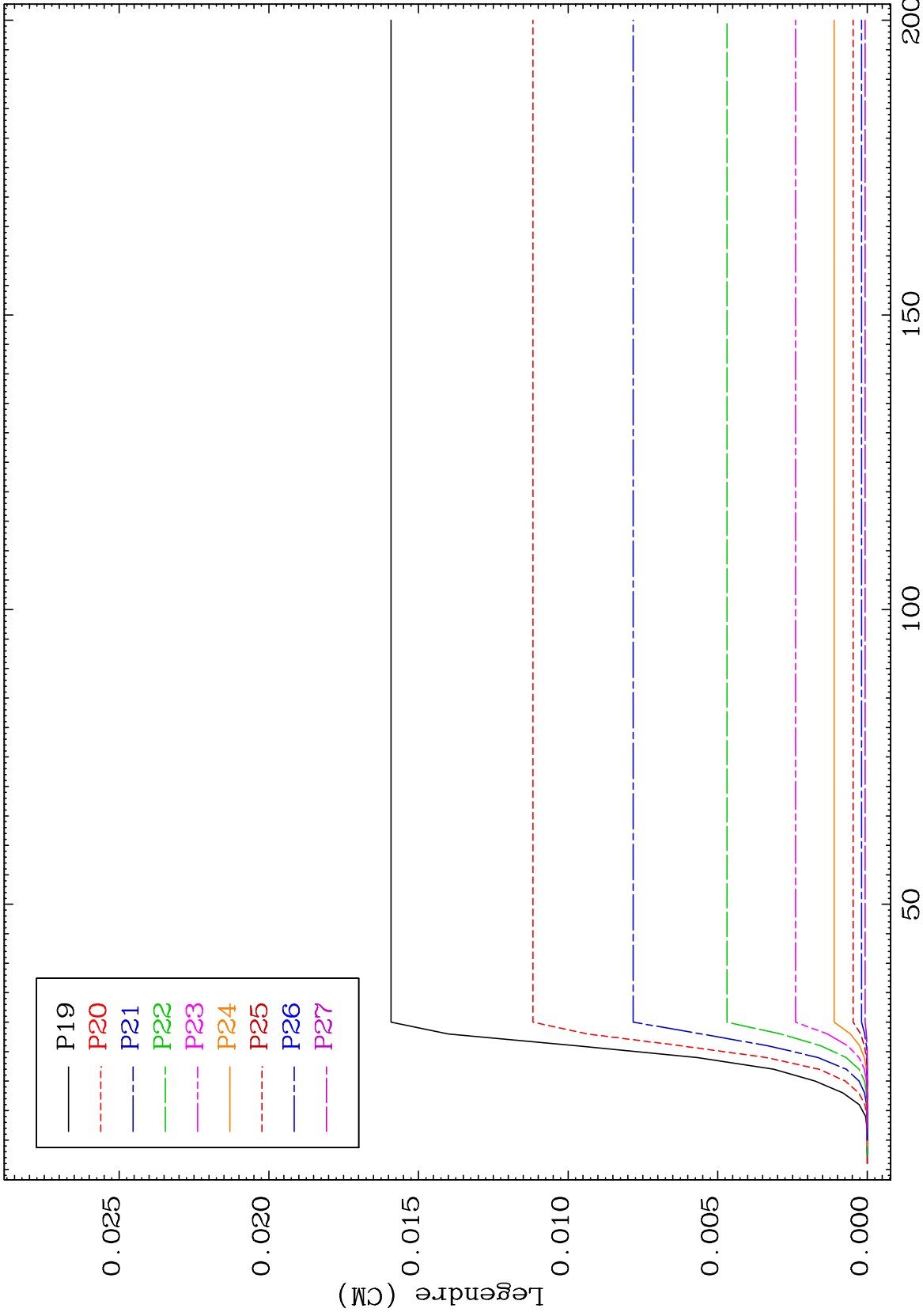


71-Lu-171

MAT 7113

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

71-Lu-171



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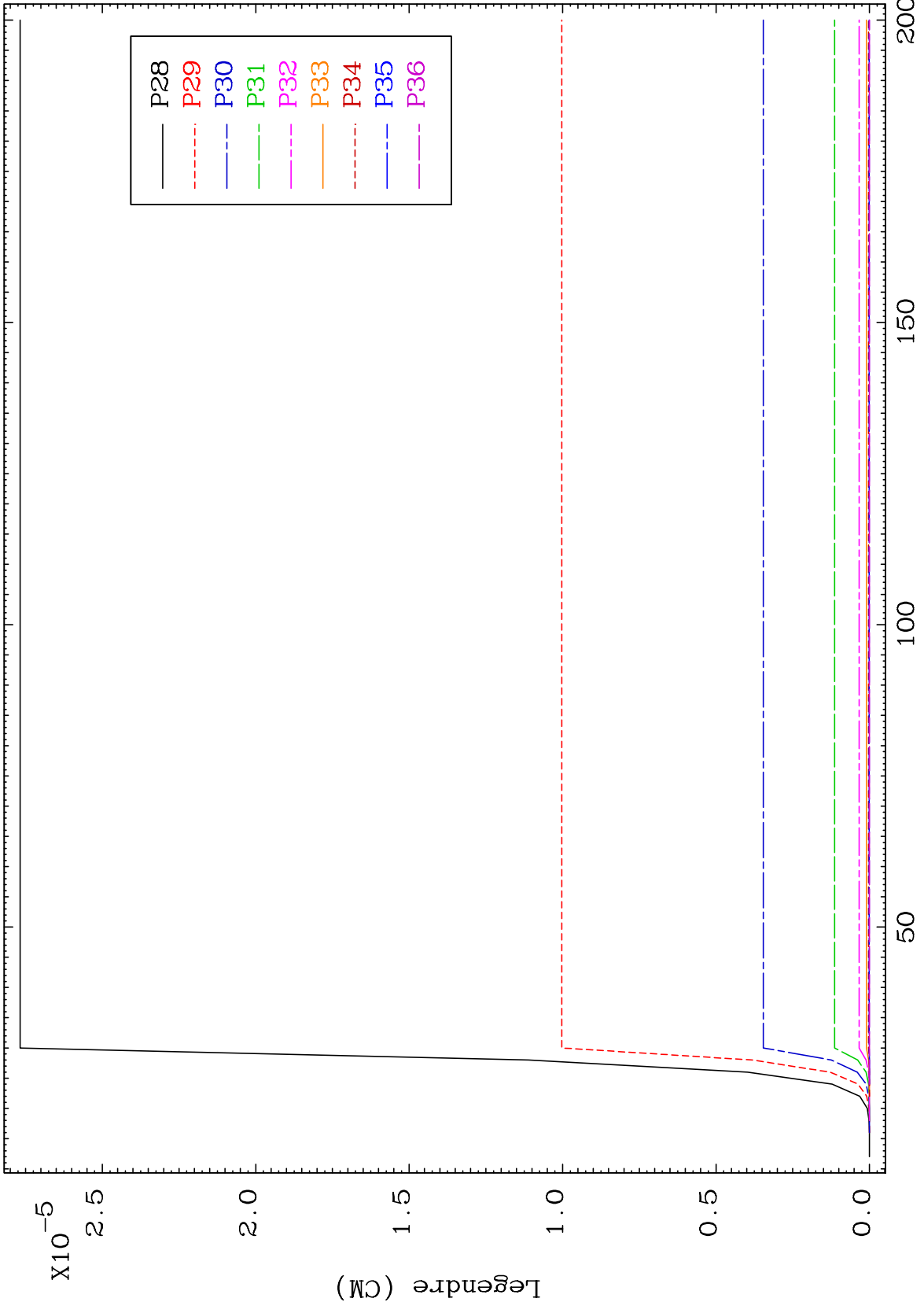
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



27

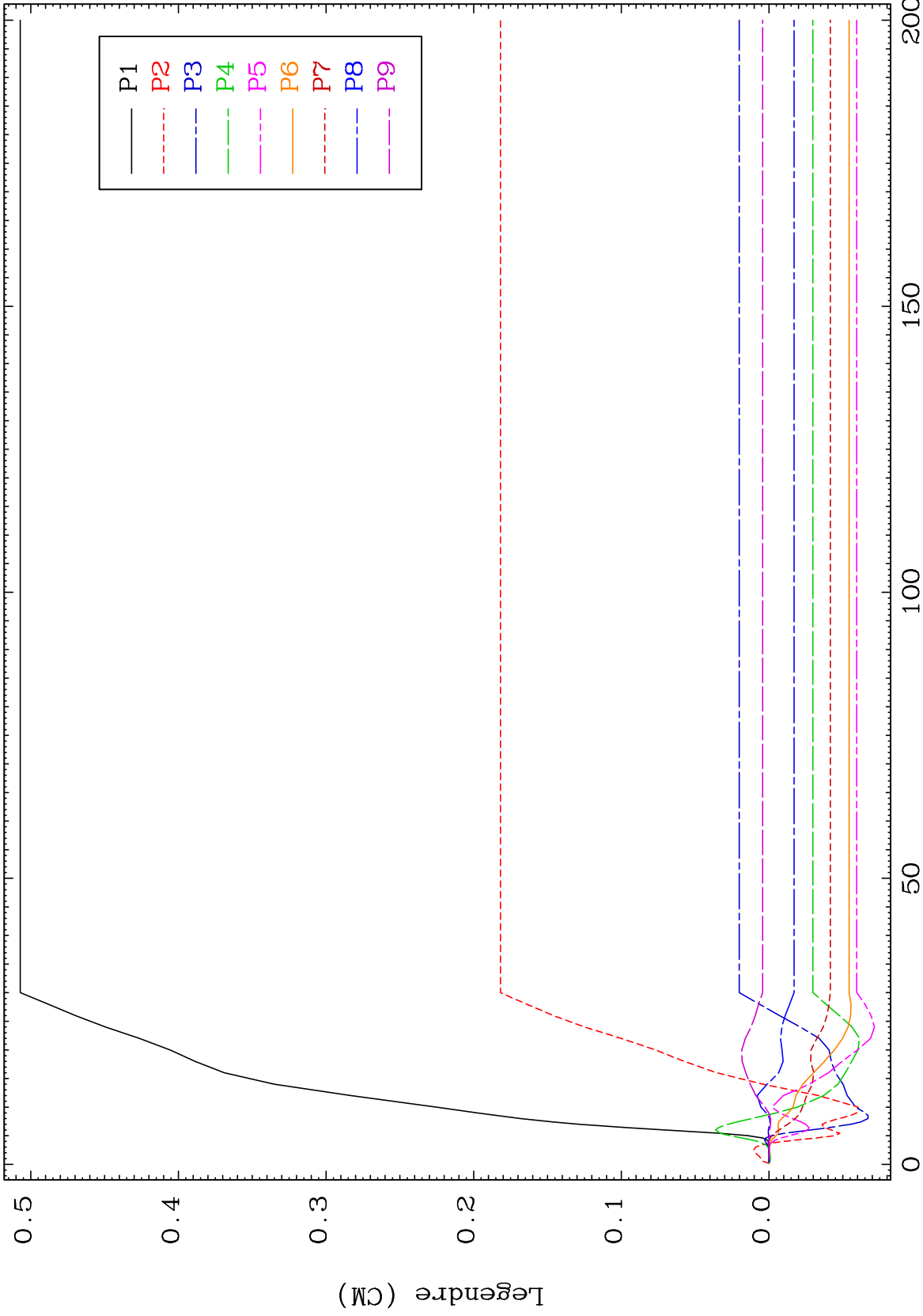
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



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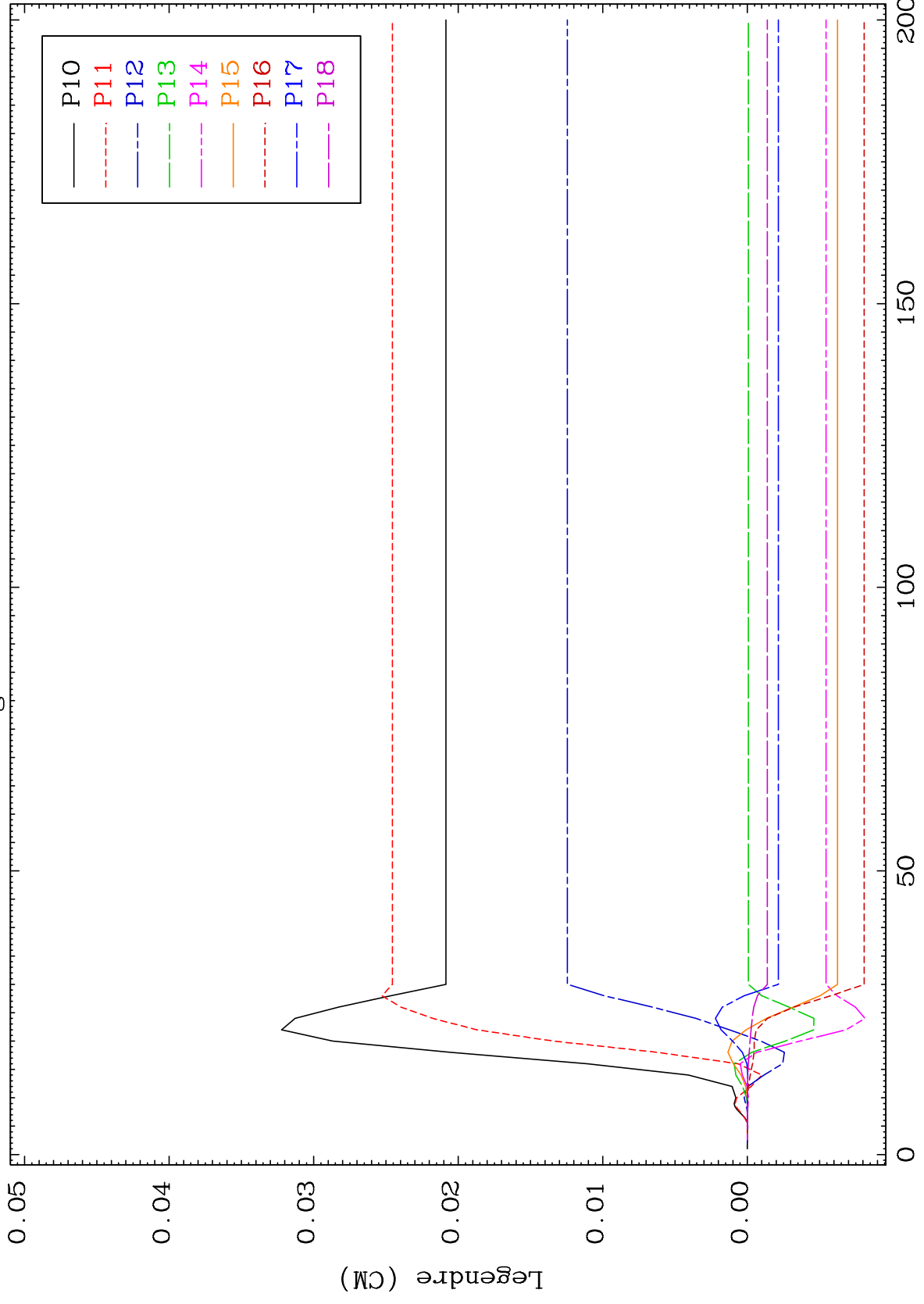
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



29

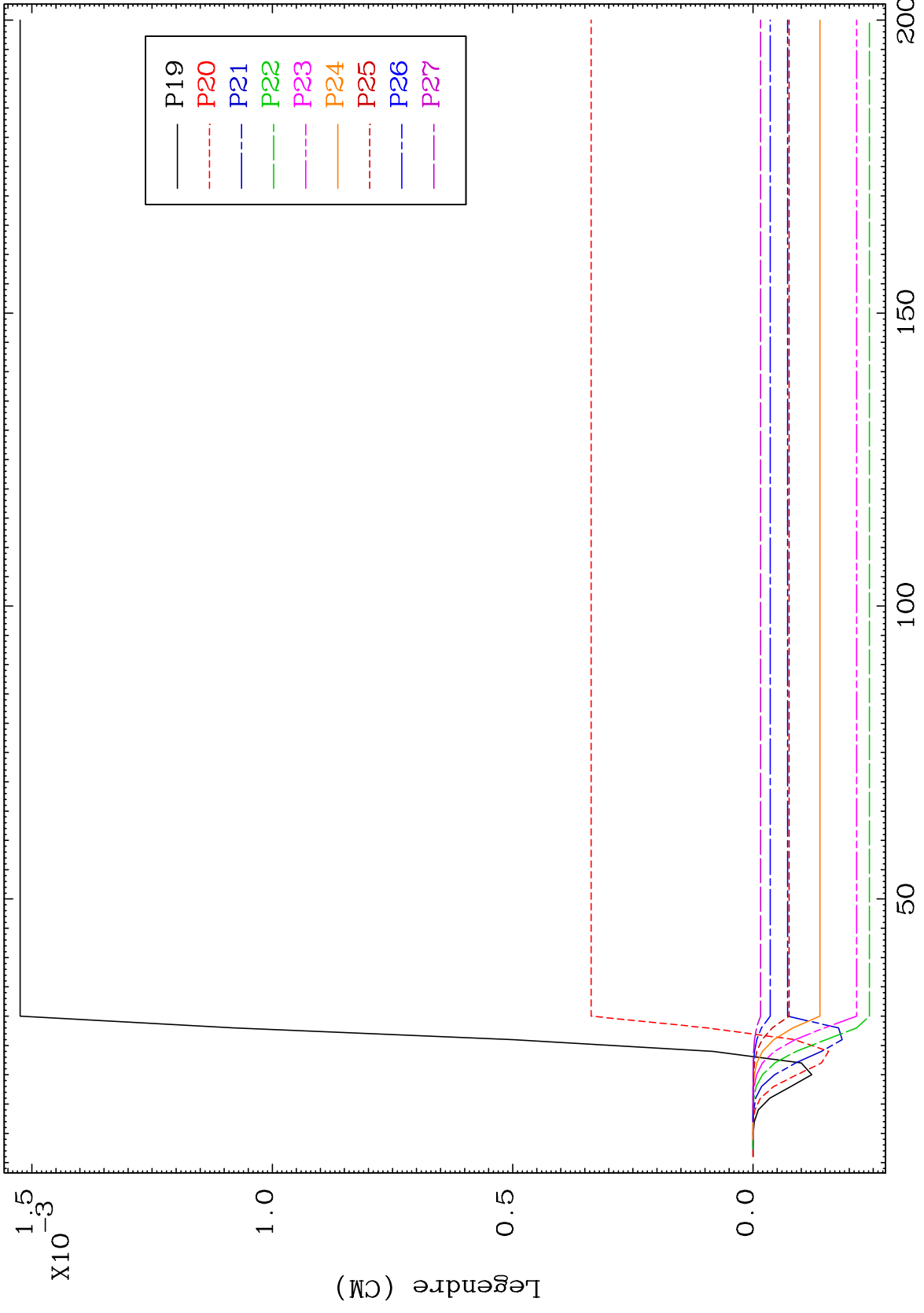
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171

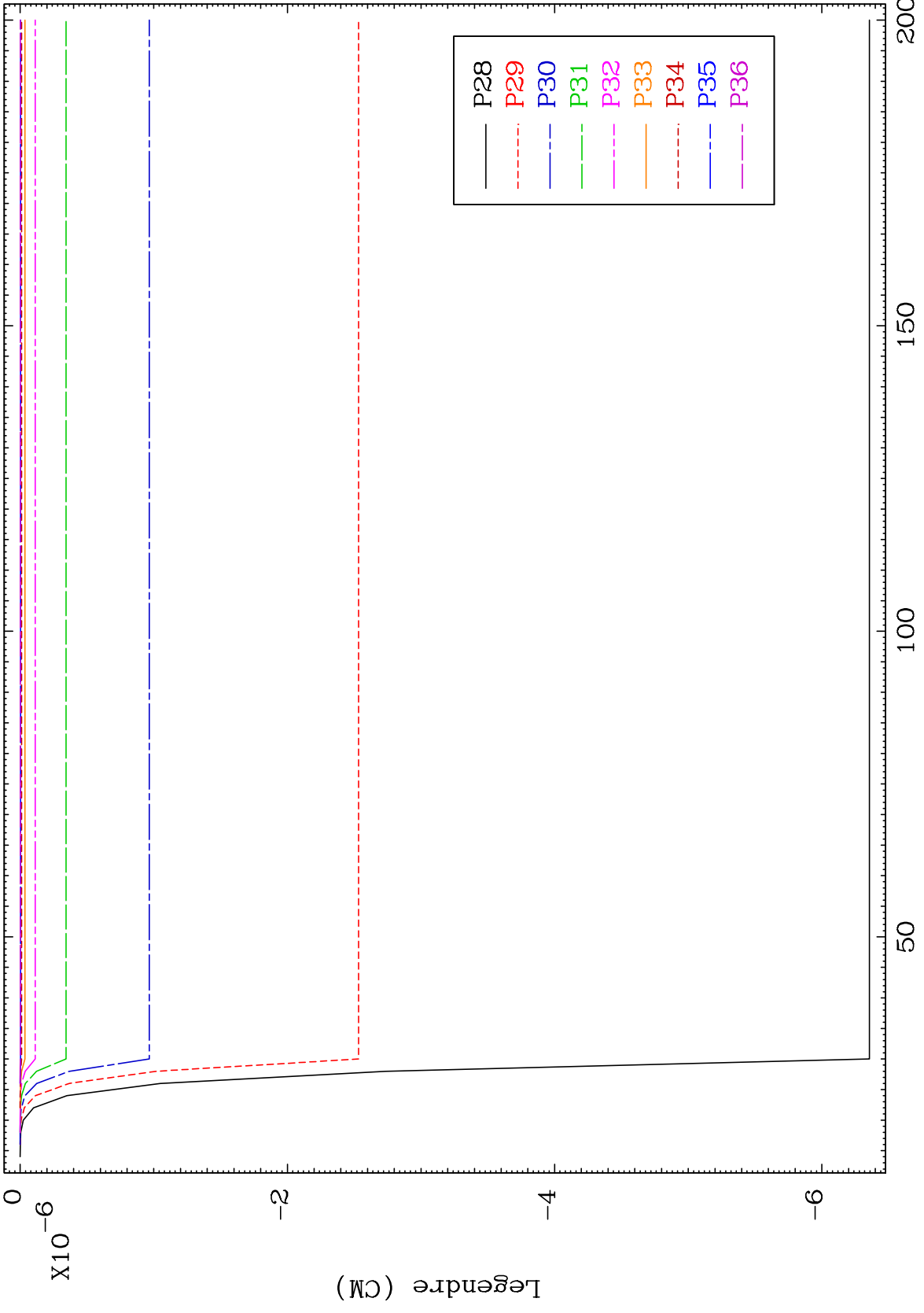


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Incident Energy (MeV)

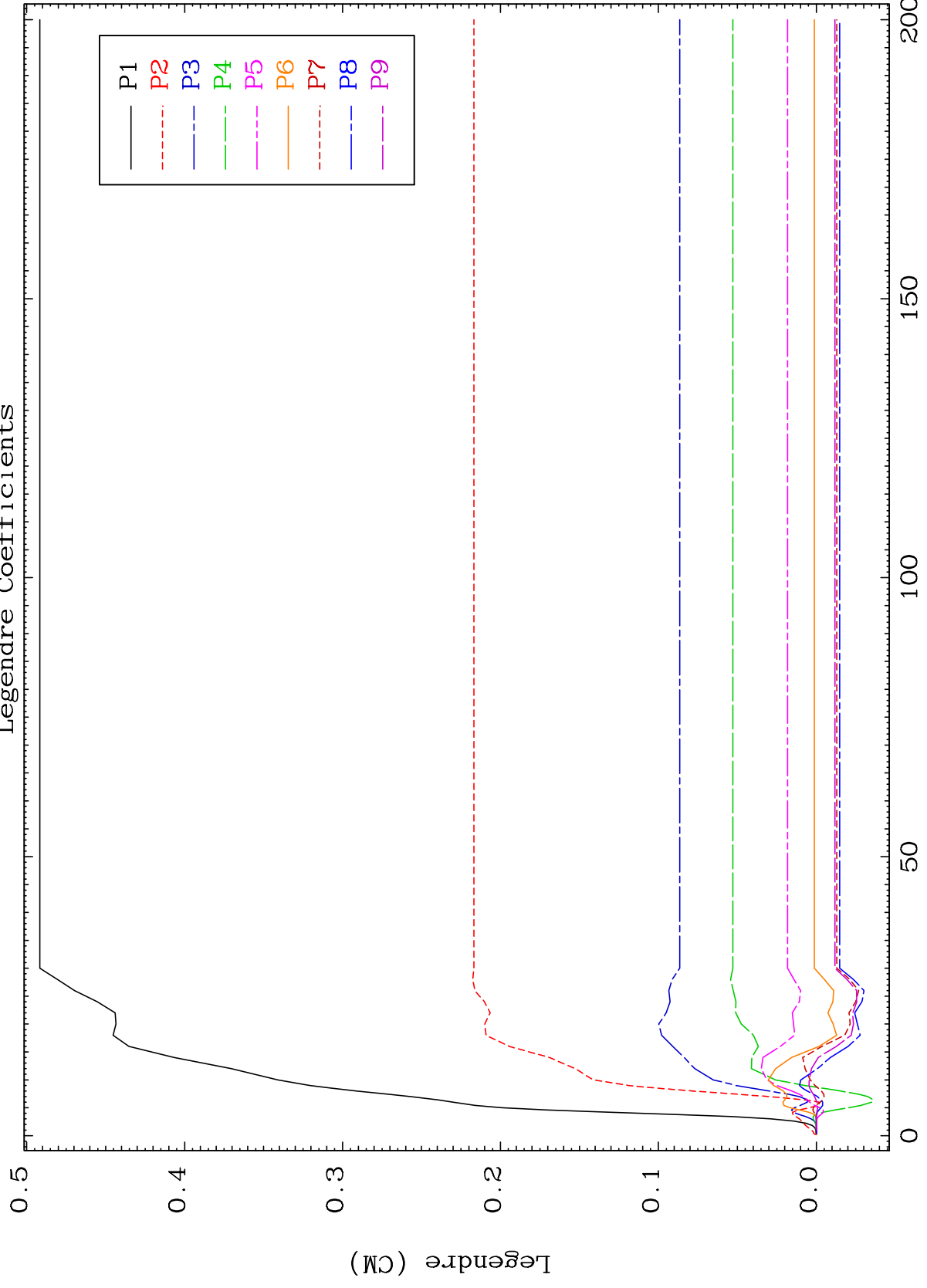
71-Lu-171

Legendre Coefficients





MAT 7113 MT= 54 (n,n') Level Legendre Coefficients 71-Lu-171

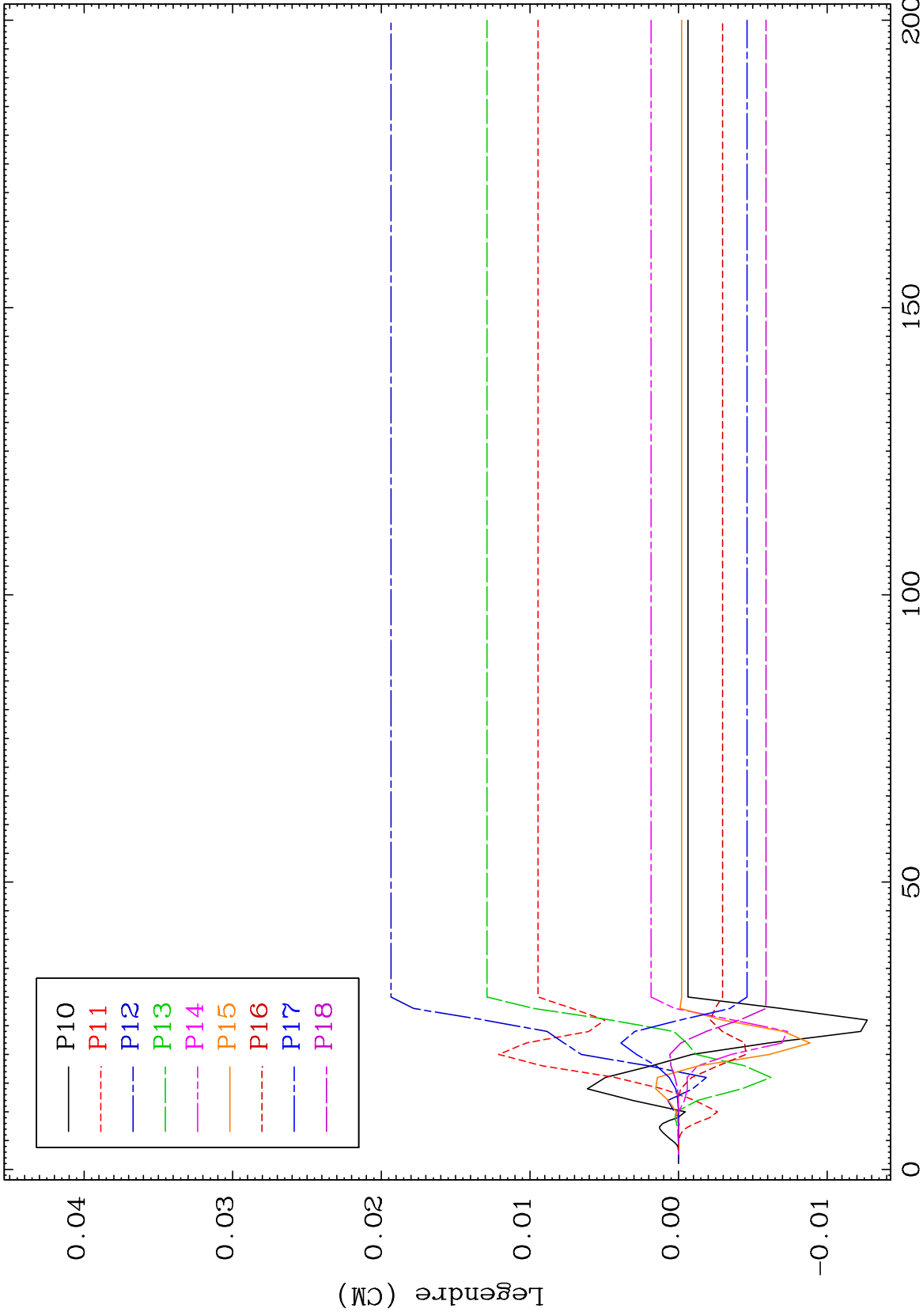


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MAT 7113

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

71-Lu-171



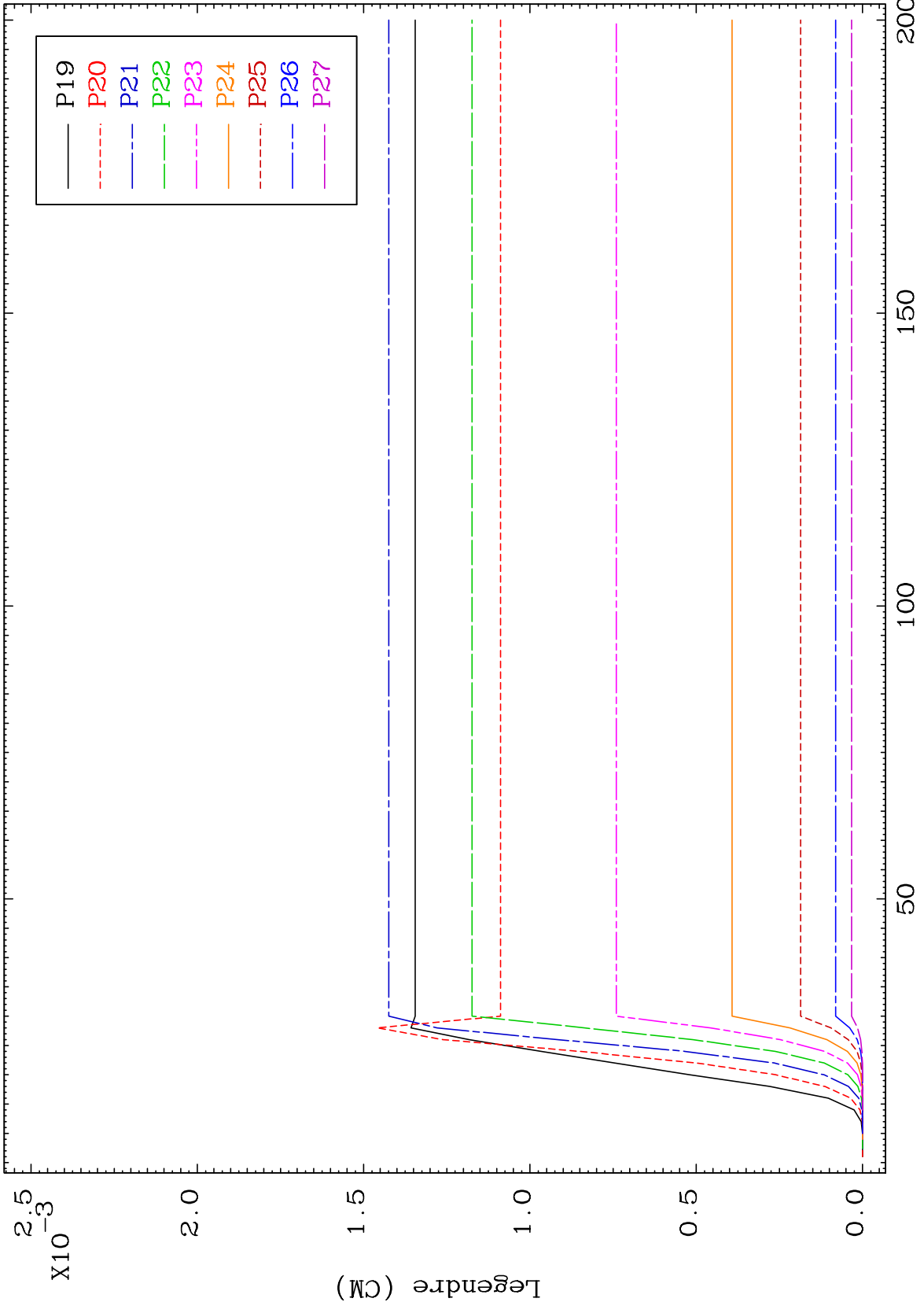
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71-Lu-171

MAT 7113

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

71-Lu-171



34

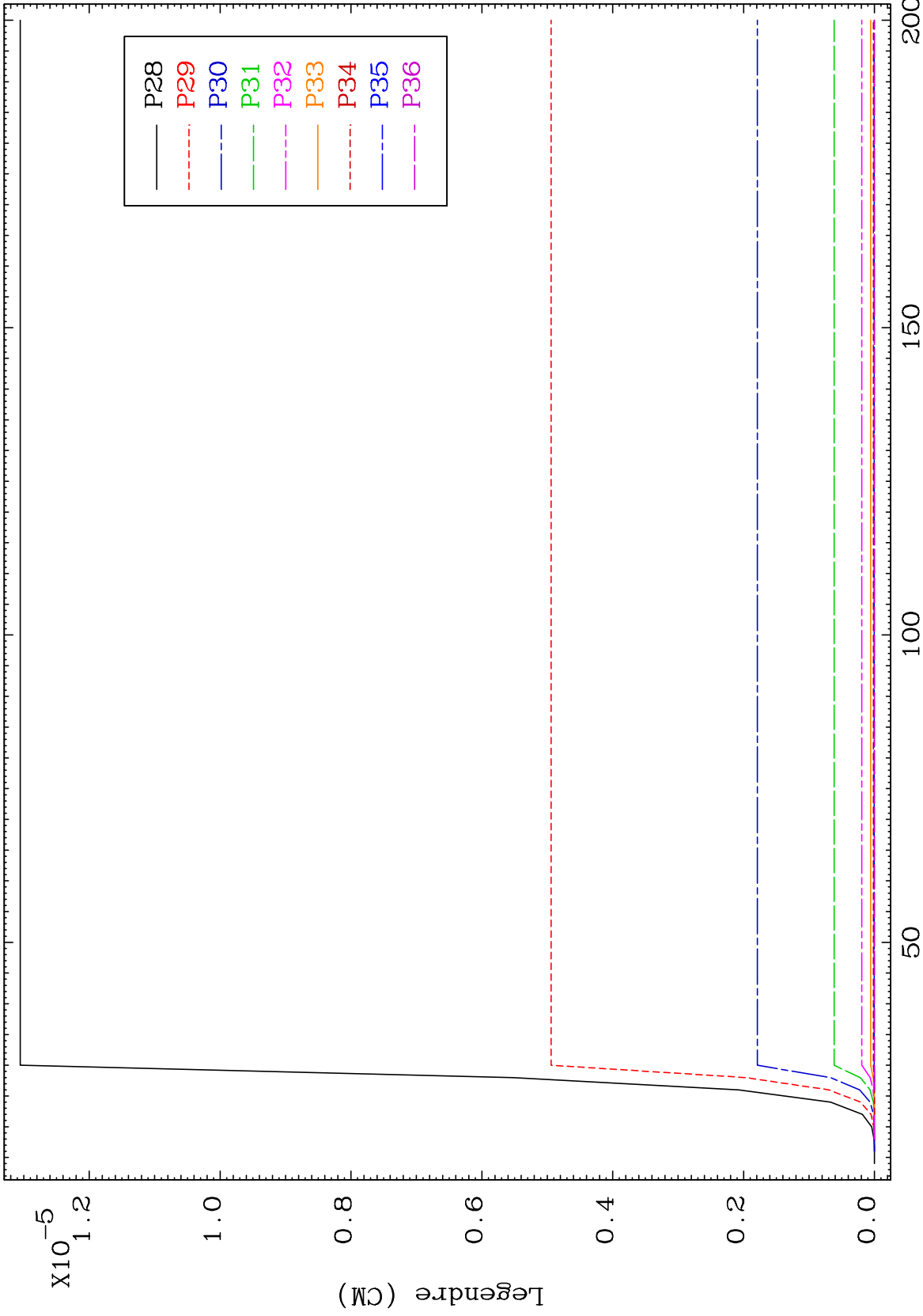
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



35

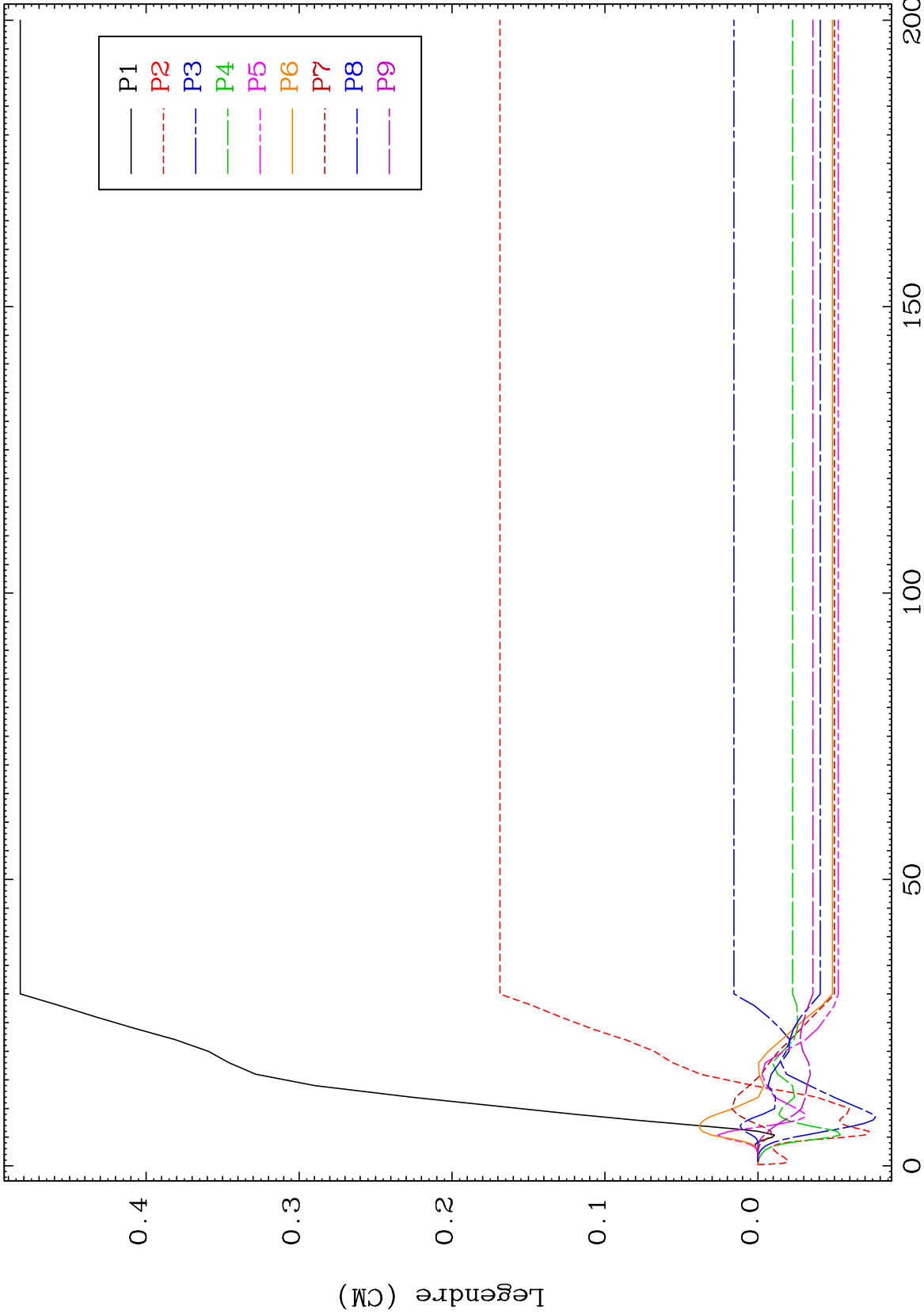
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



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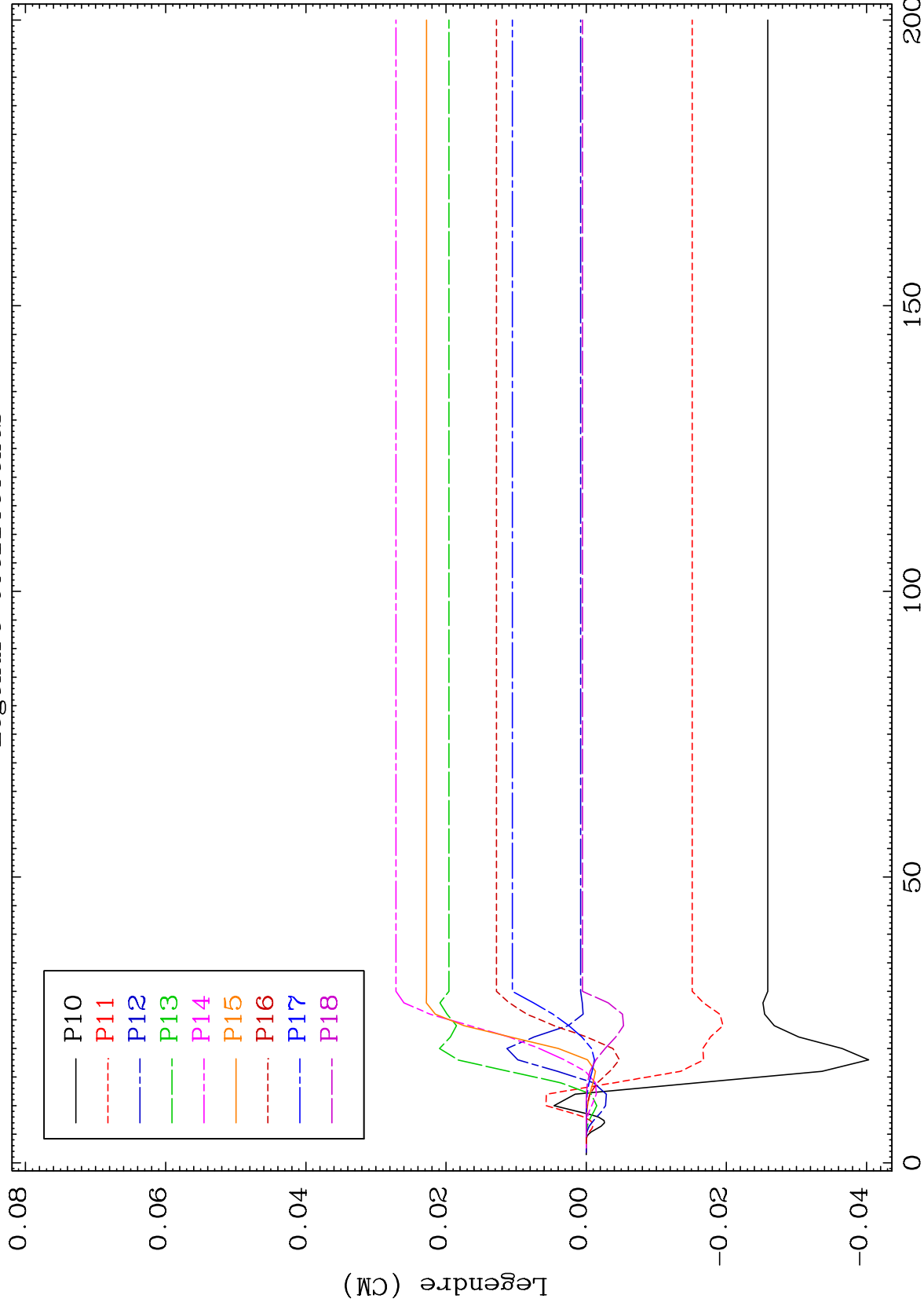
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



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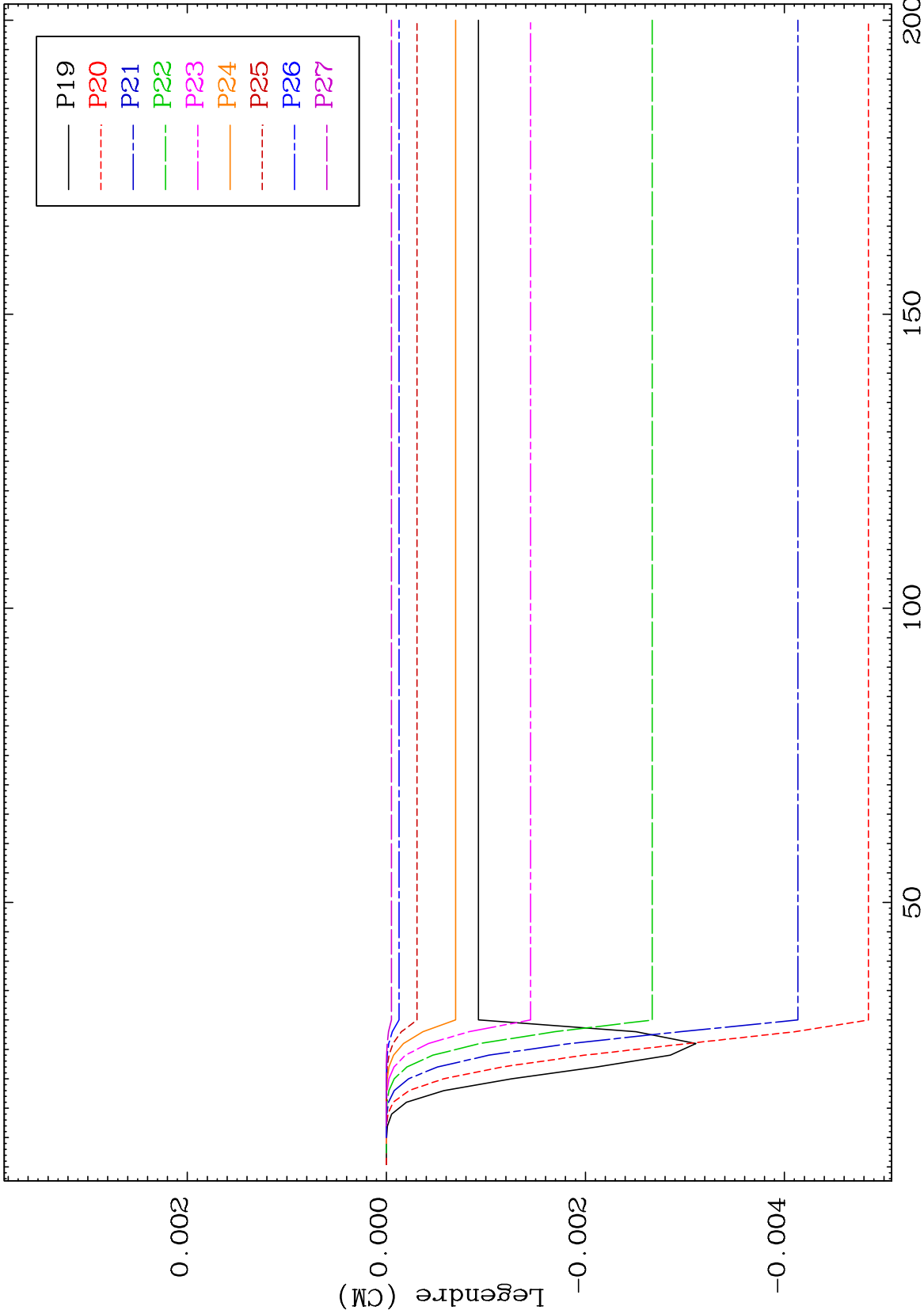
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



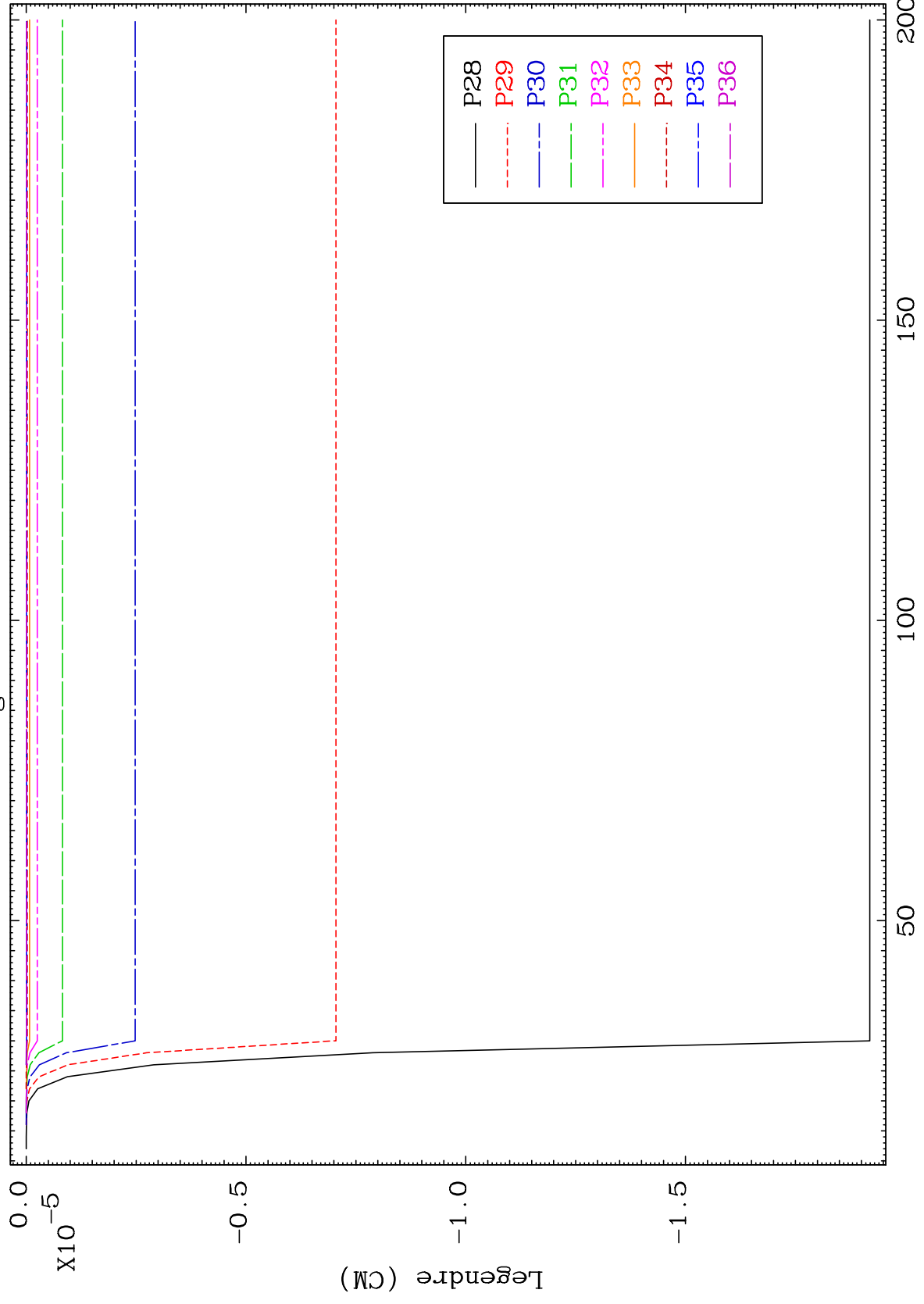
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71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

Incident Energy (MeV)

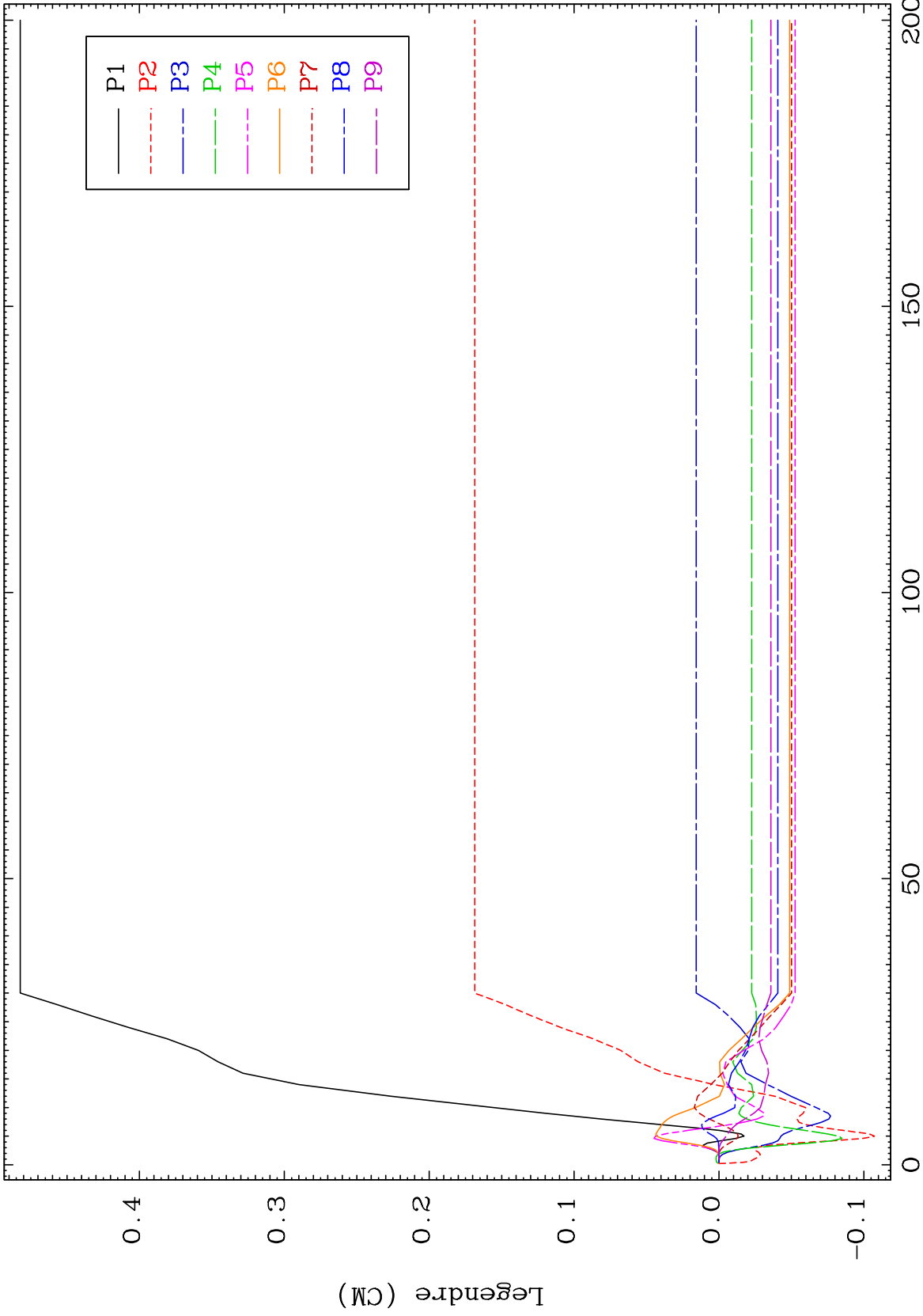
39



MAT 7113

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

71-Lu-171



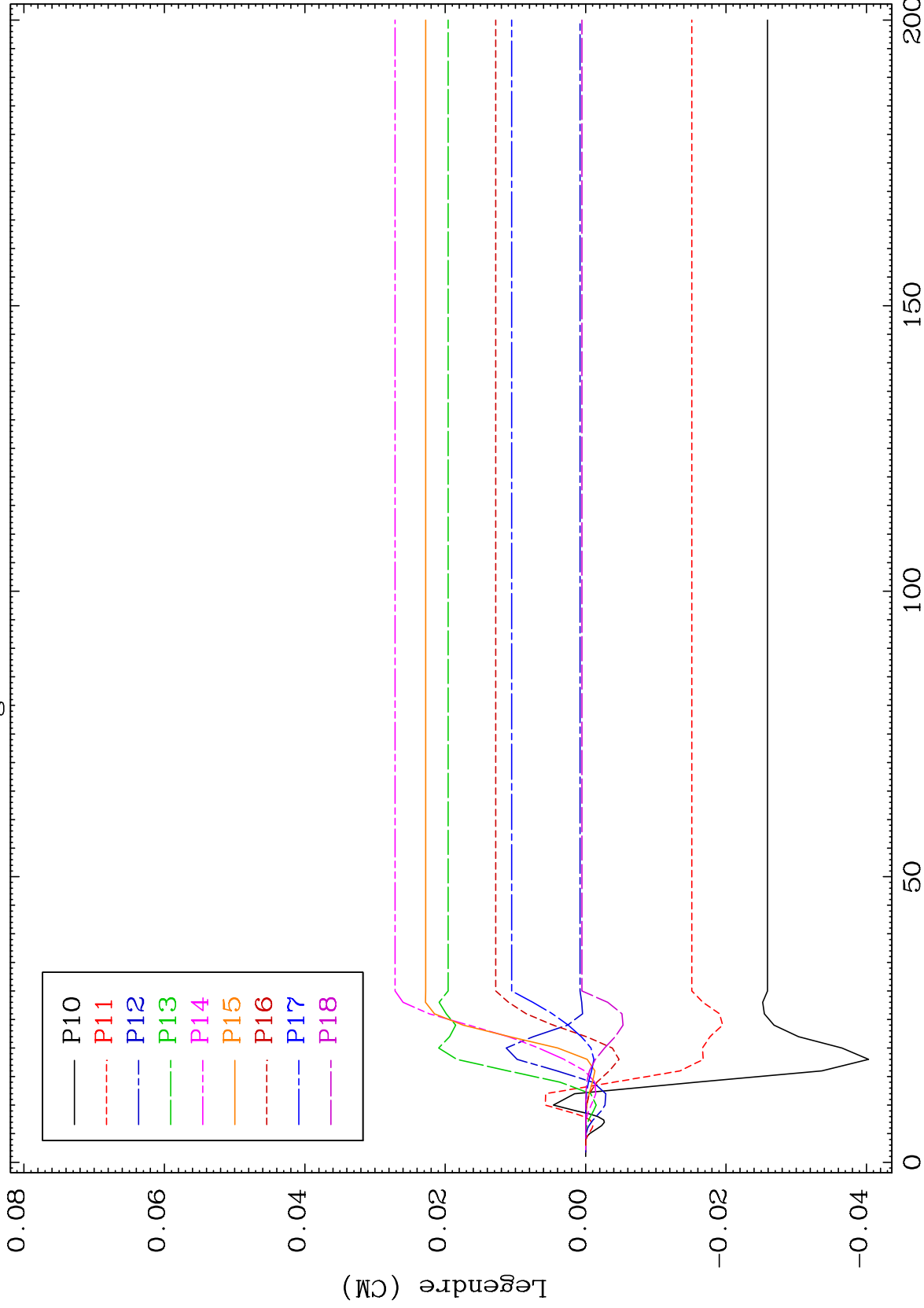
71-Lu-171

Incident Energy (MeV)

MAT 7113

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

71-Lu-171



41

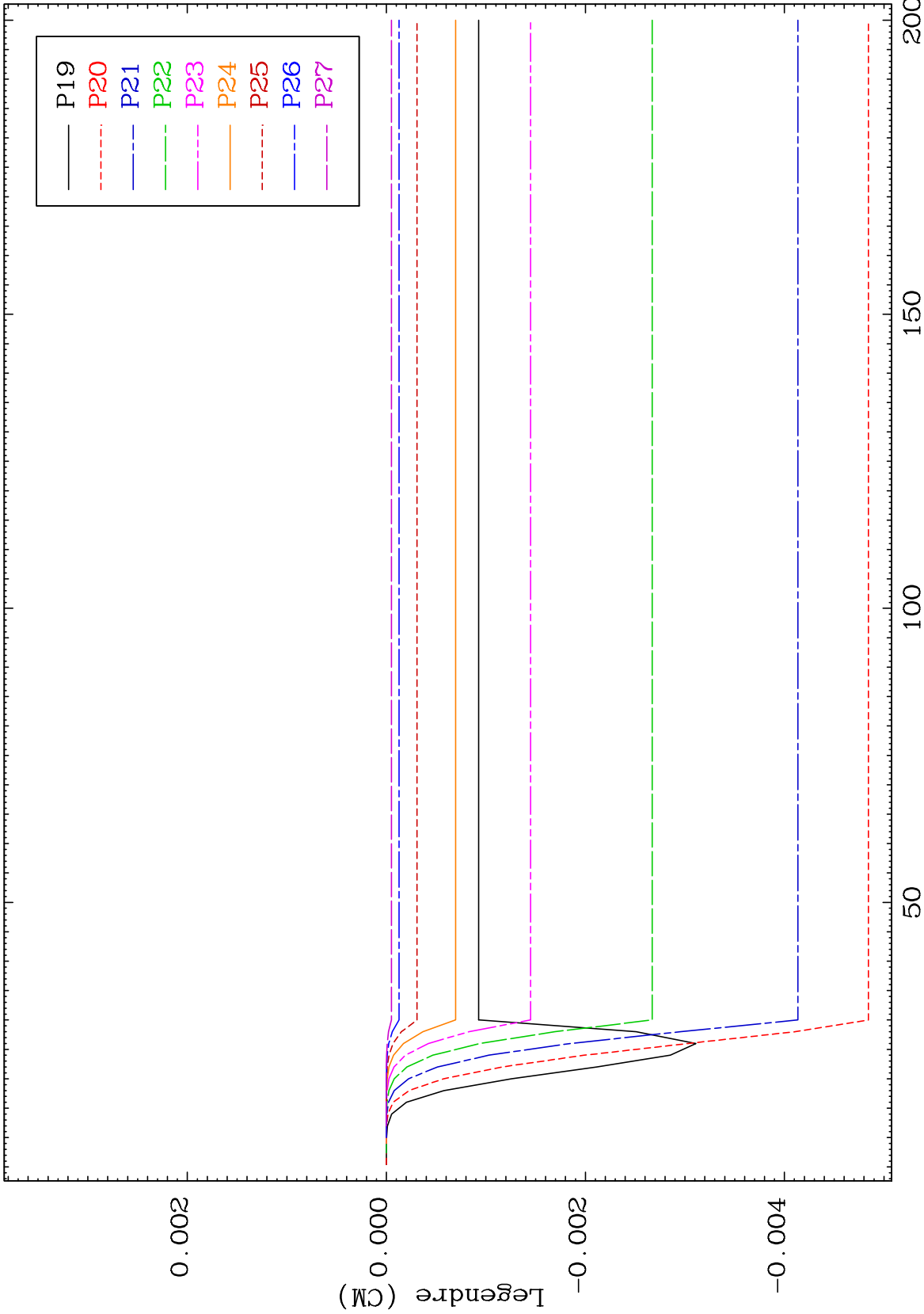
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171

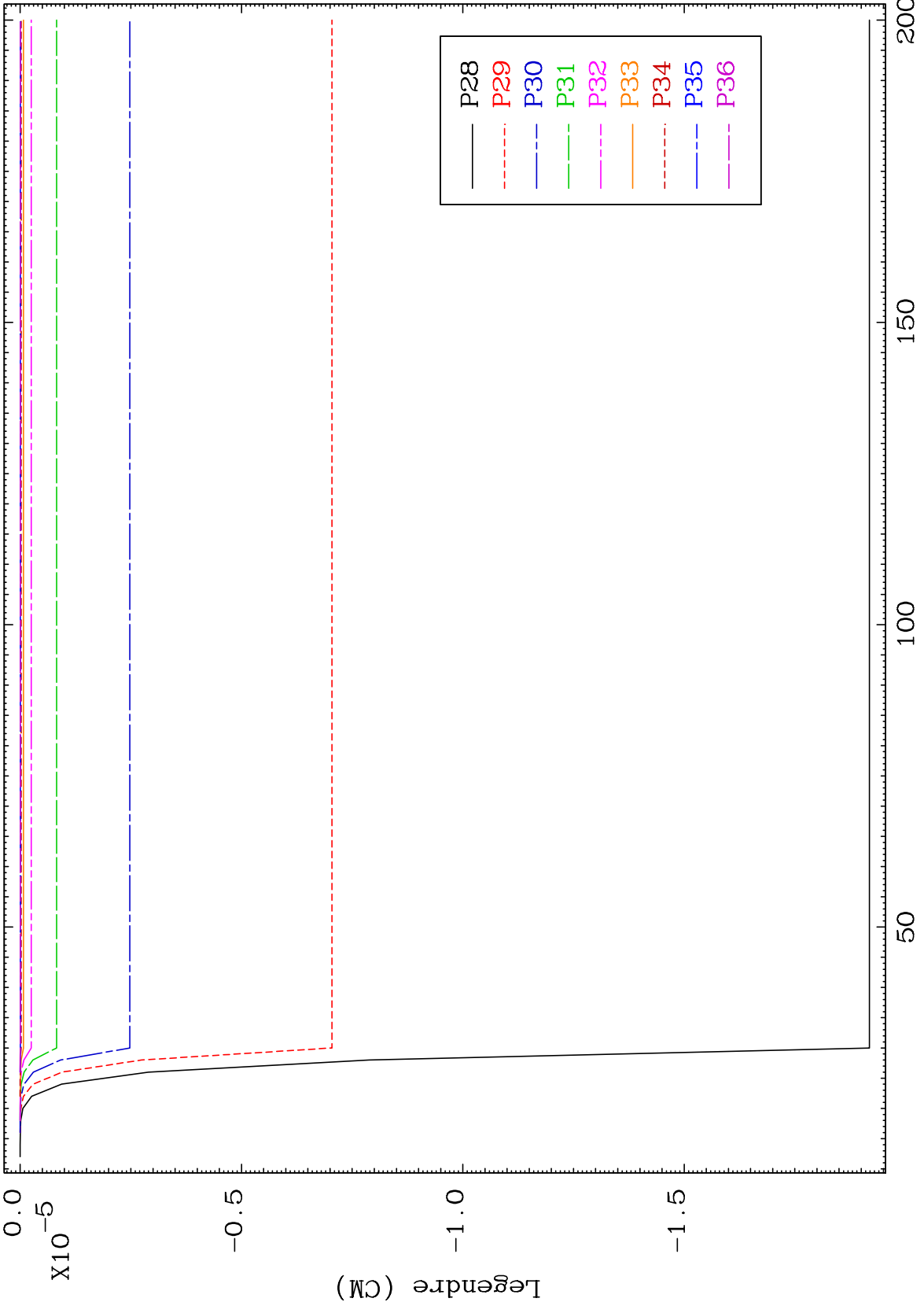


42

Incident Energy (MeV)

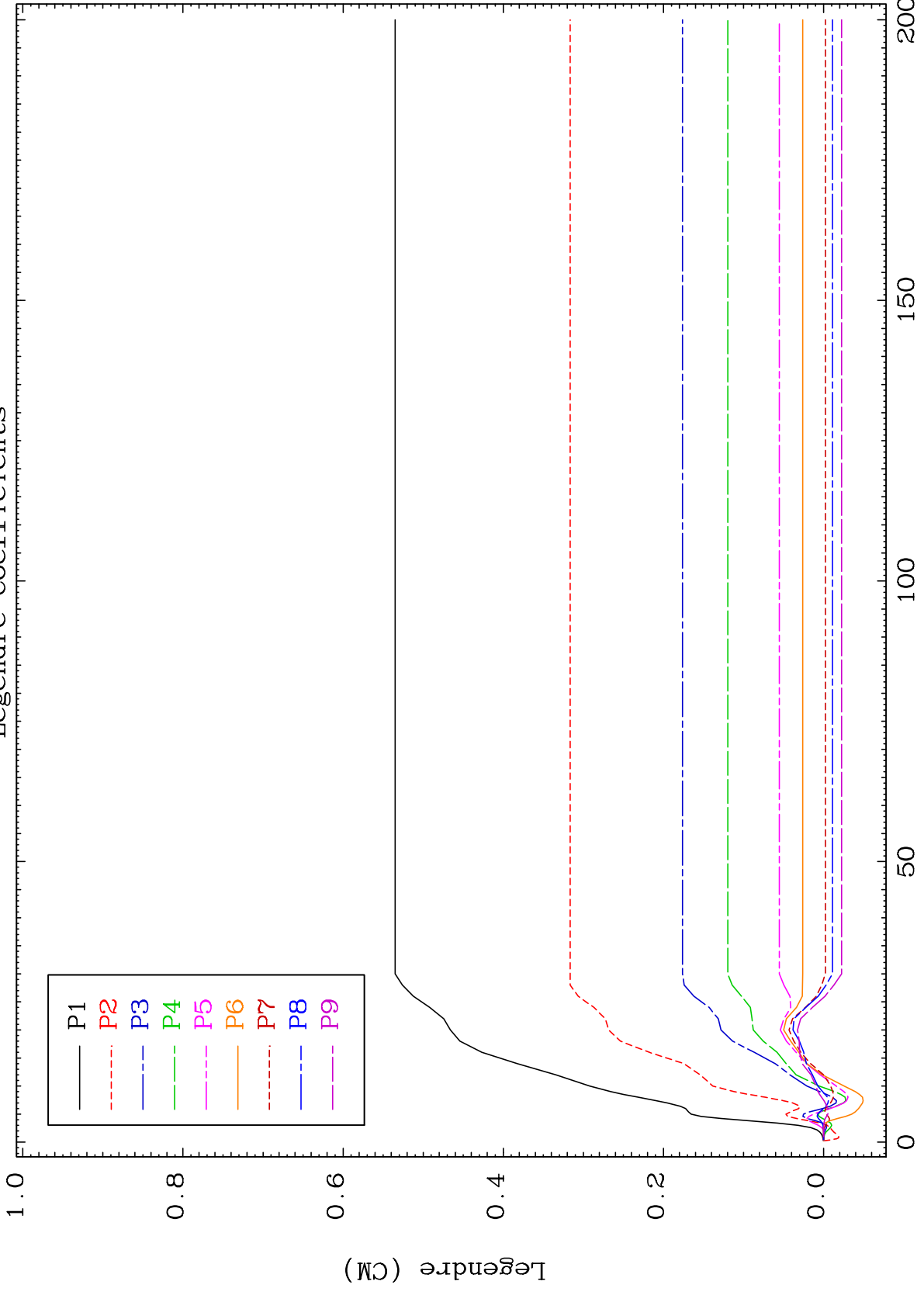
71-Lu-171

MAT 7113 MT= 56 (n,n') Level Legendre Coefficients 71-Lu-171

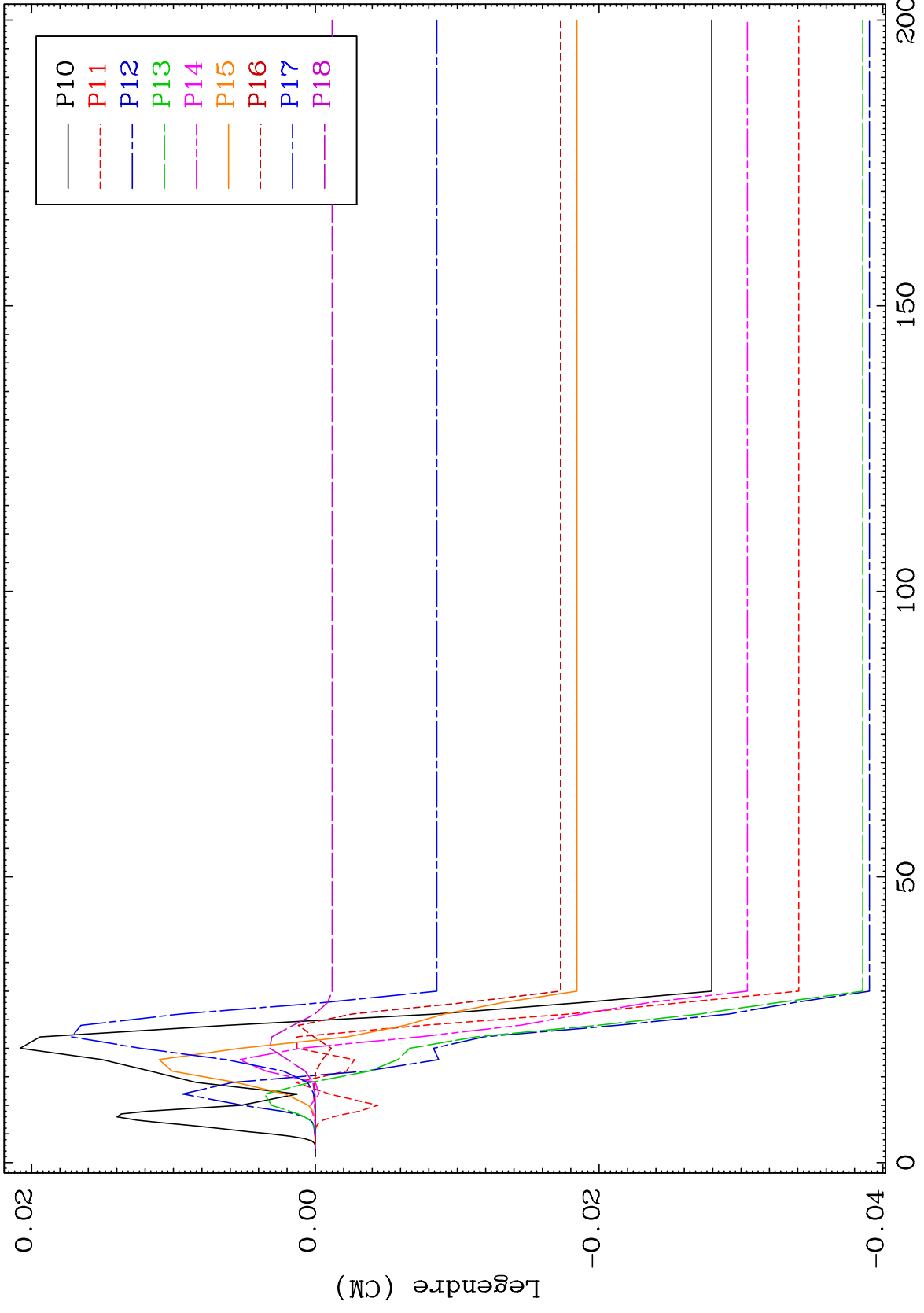


43 Incident Energy (MeV) 71-Lu-171

MAT 7113 MT= 57 (n,n') Level Legendre Coefficients 71-Lu-171



MAT 7113 MT= 57 (n,n') Level Legendre Coefficients 71-Lu-171

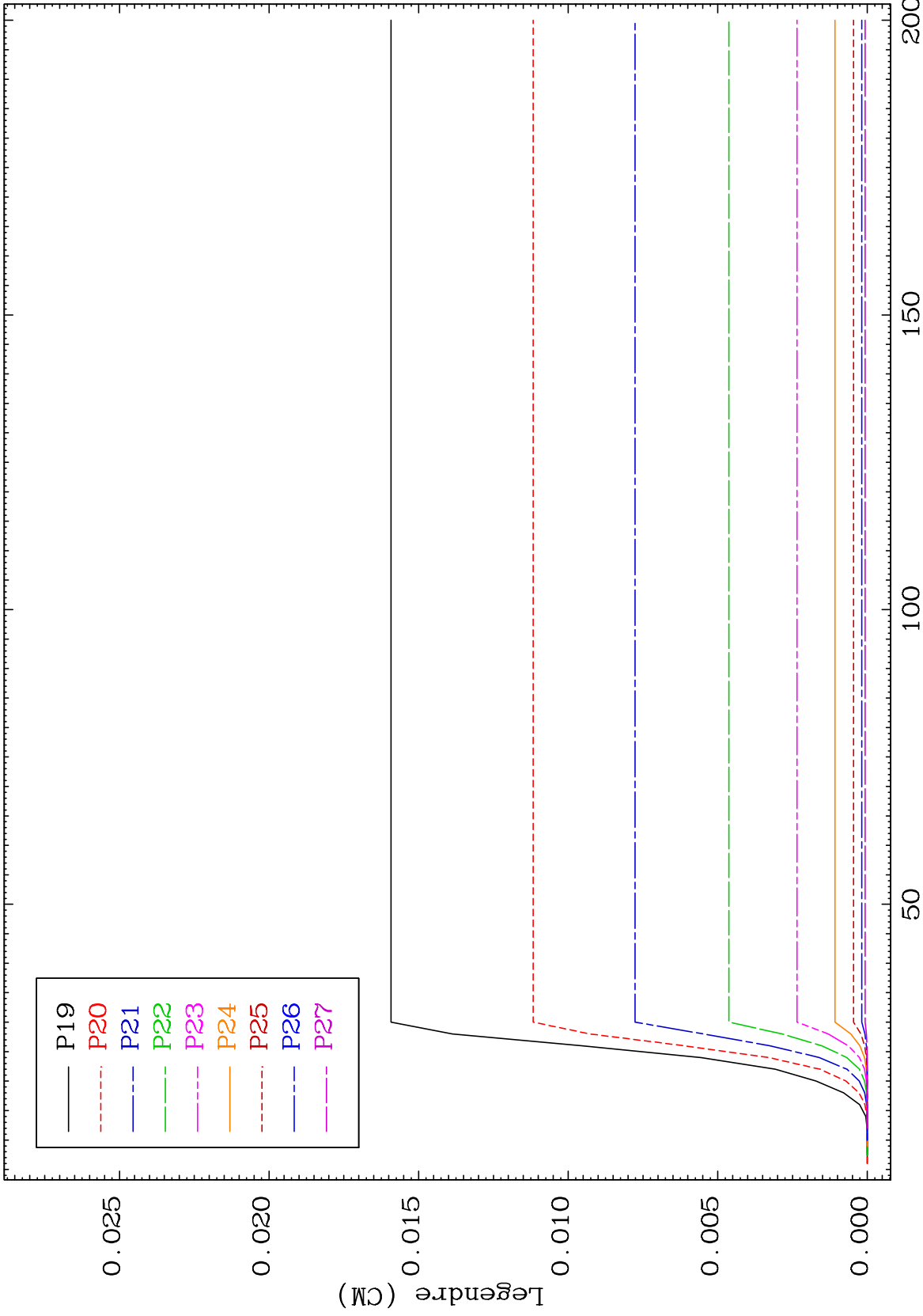


71-Lu-171

MAT 7113

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

71-Lu-171



46

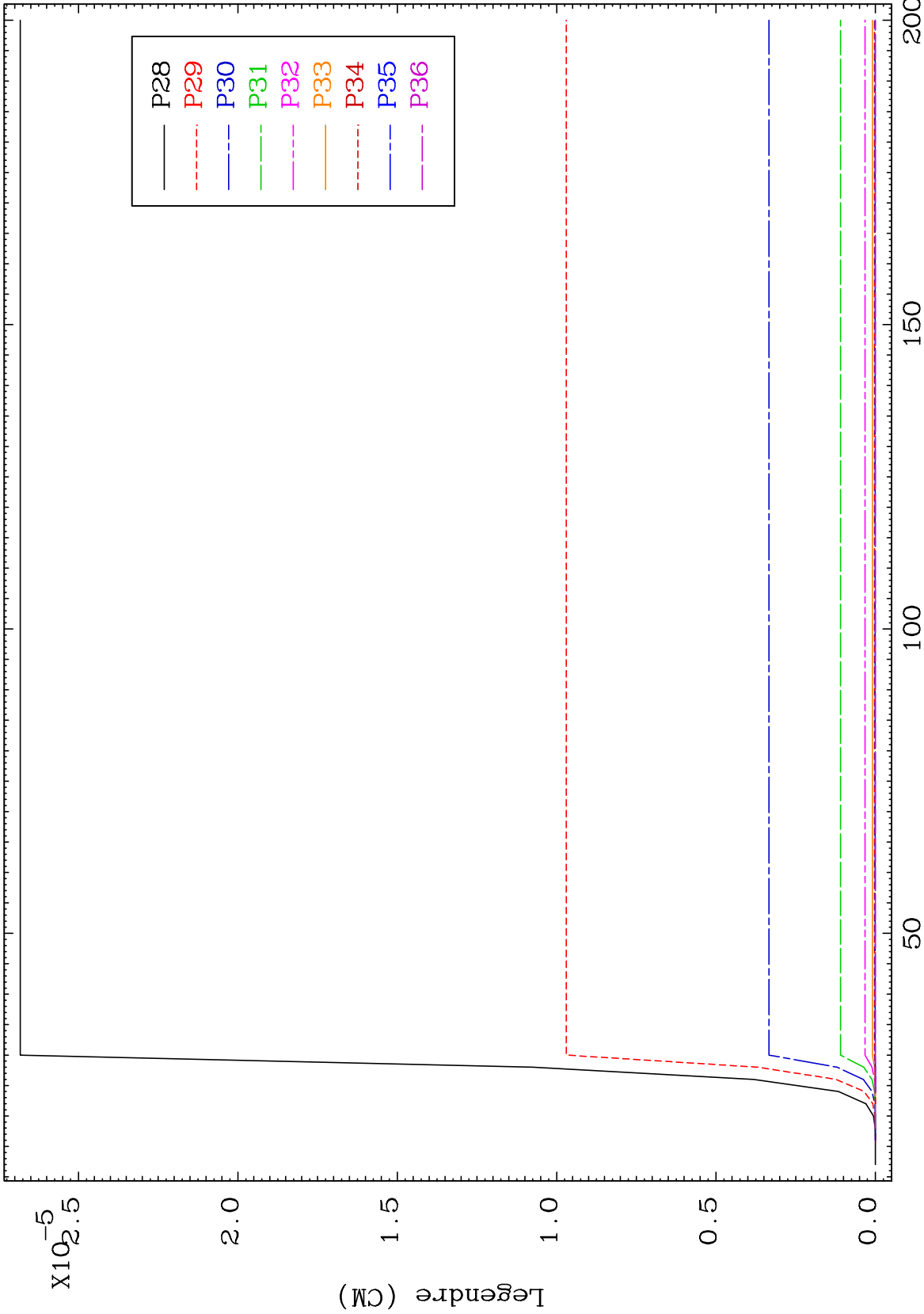
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171

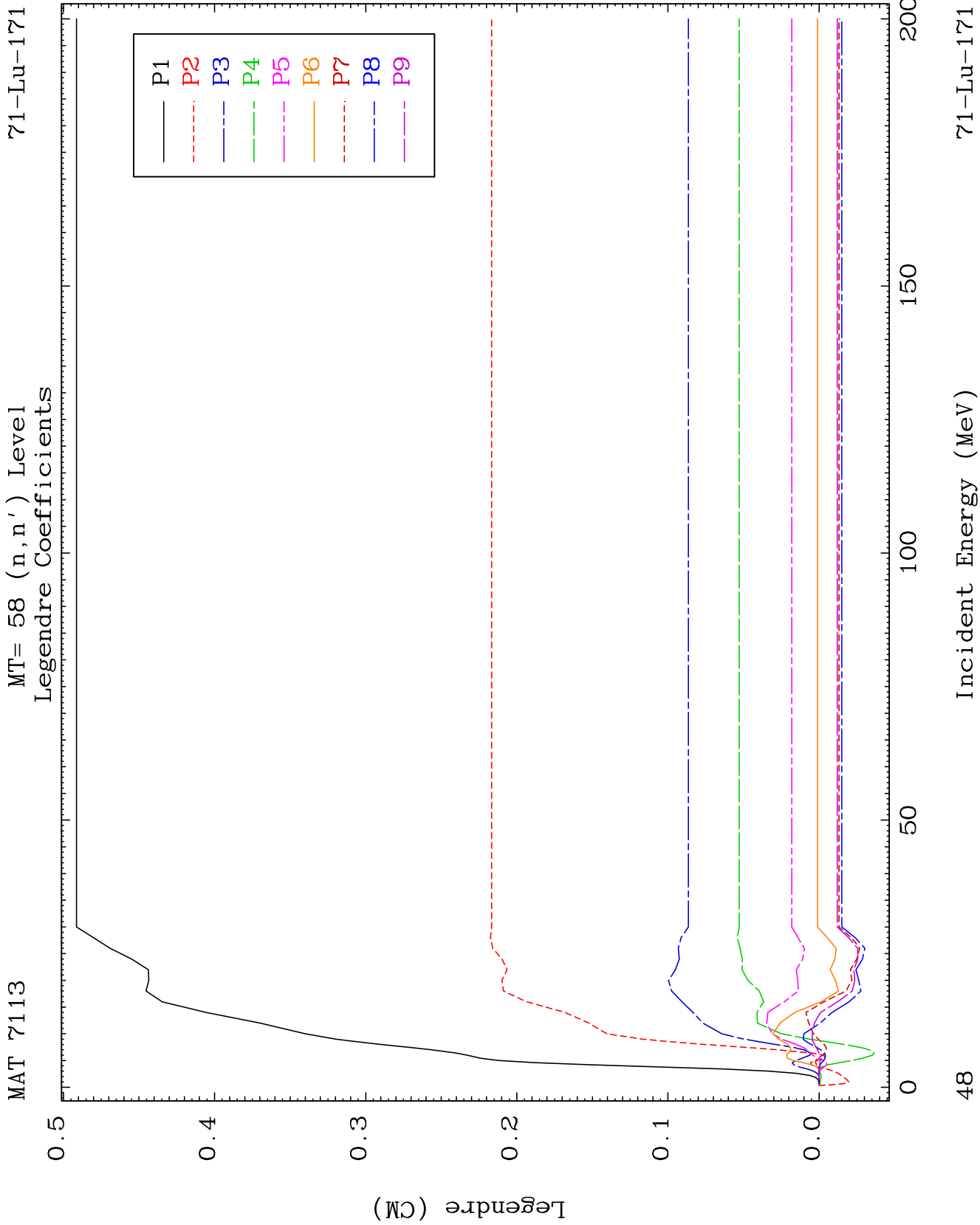


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Incident Energy (MeV)

71-Lu-171

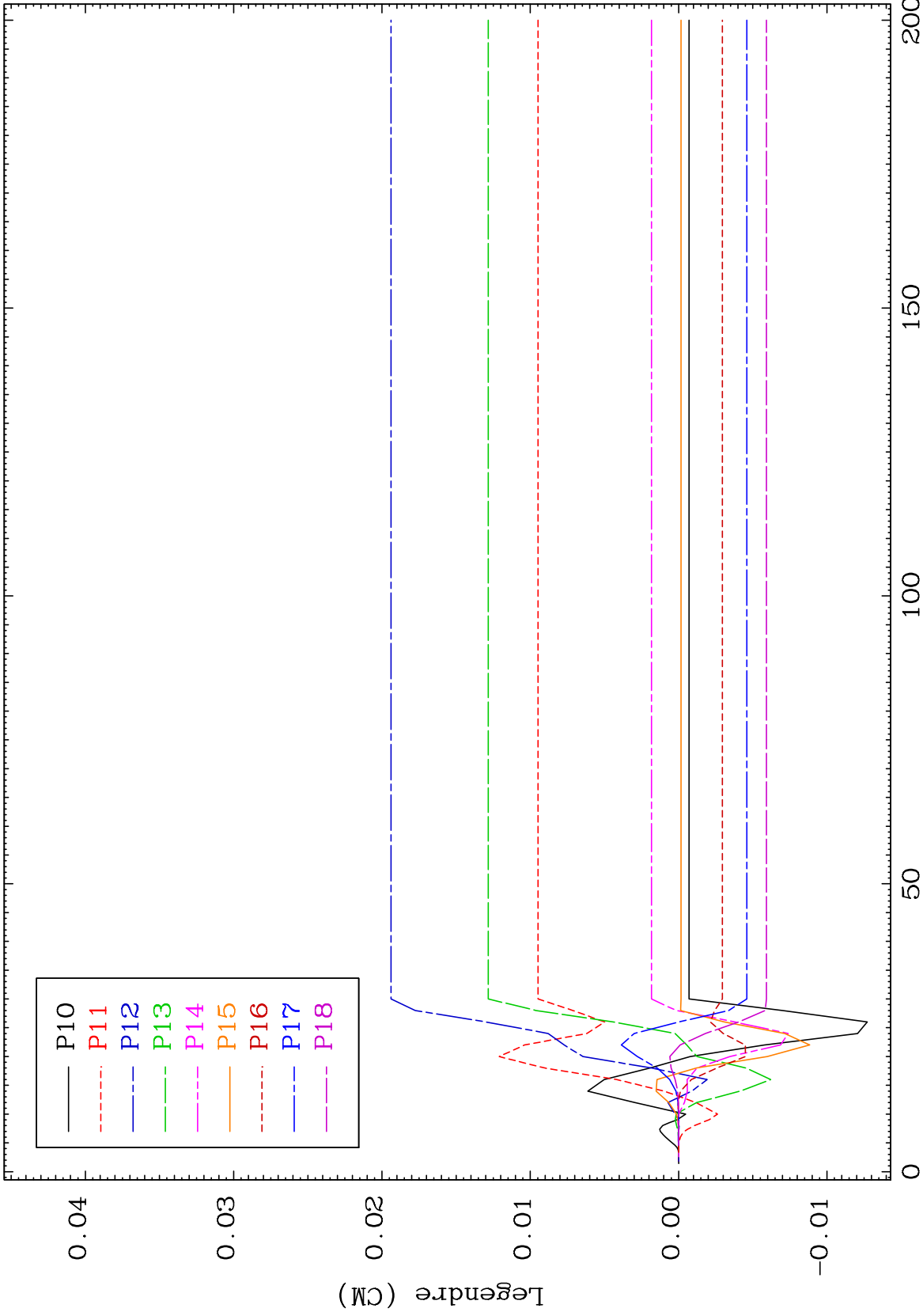




MAT 7113

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

71-Lu-171



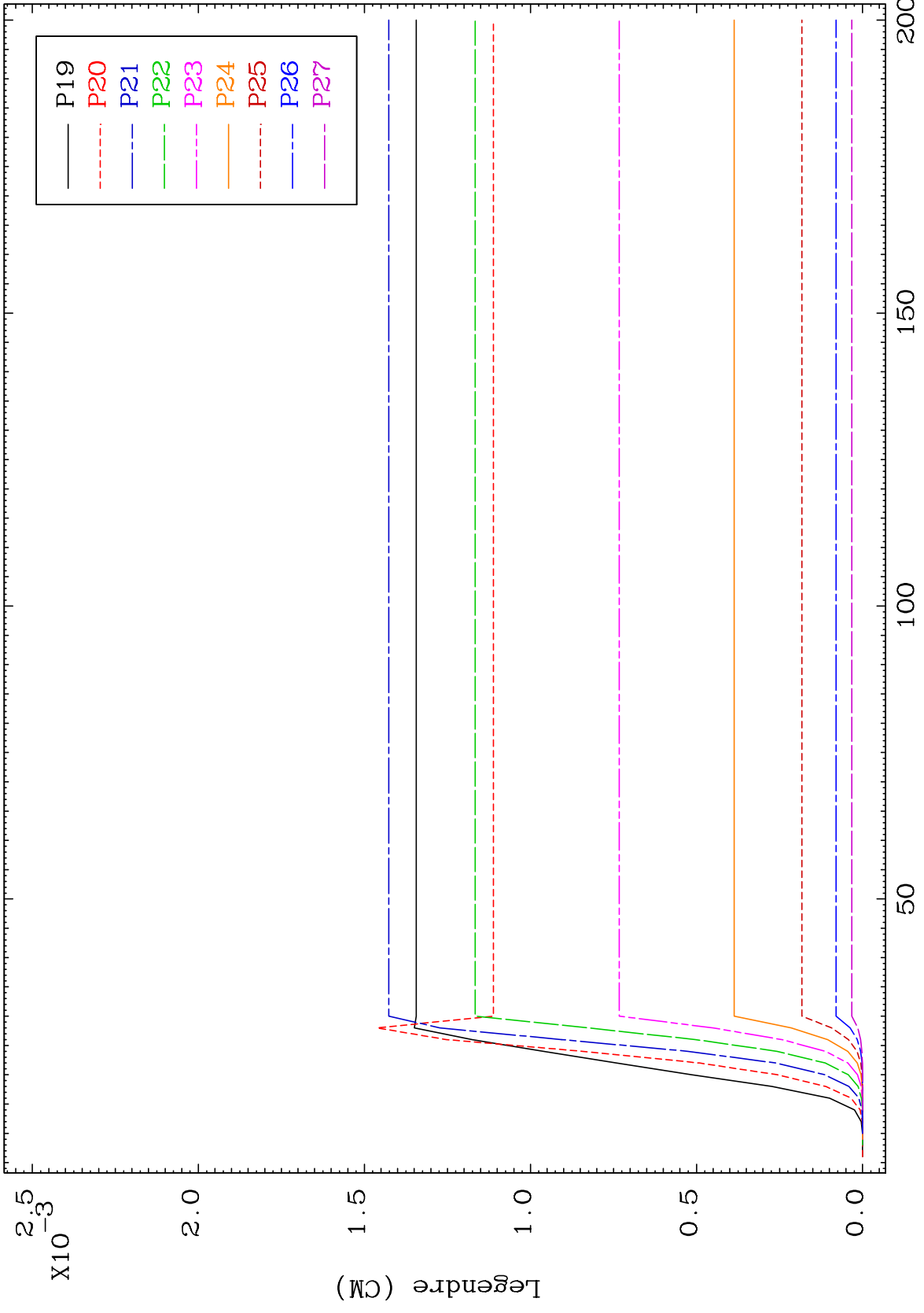
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71-Lu-171

MAT 7113

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

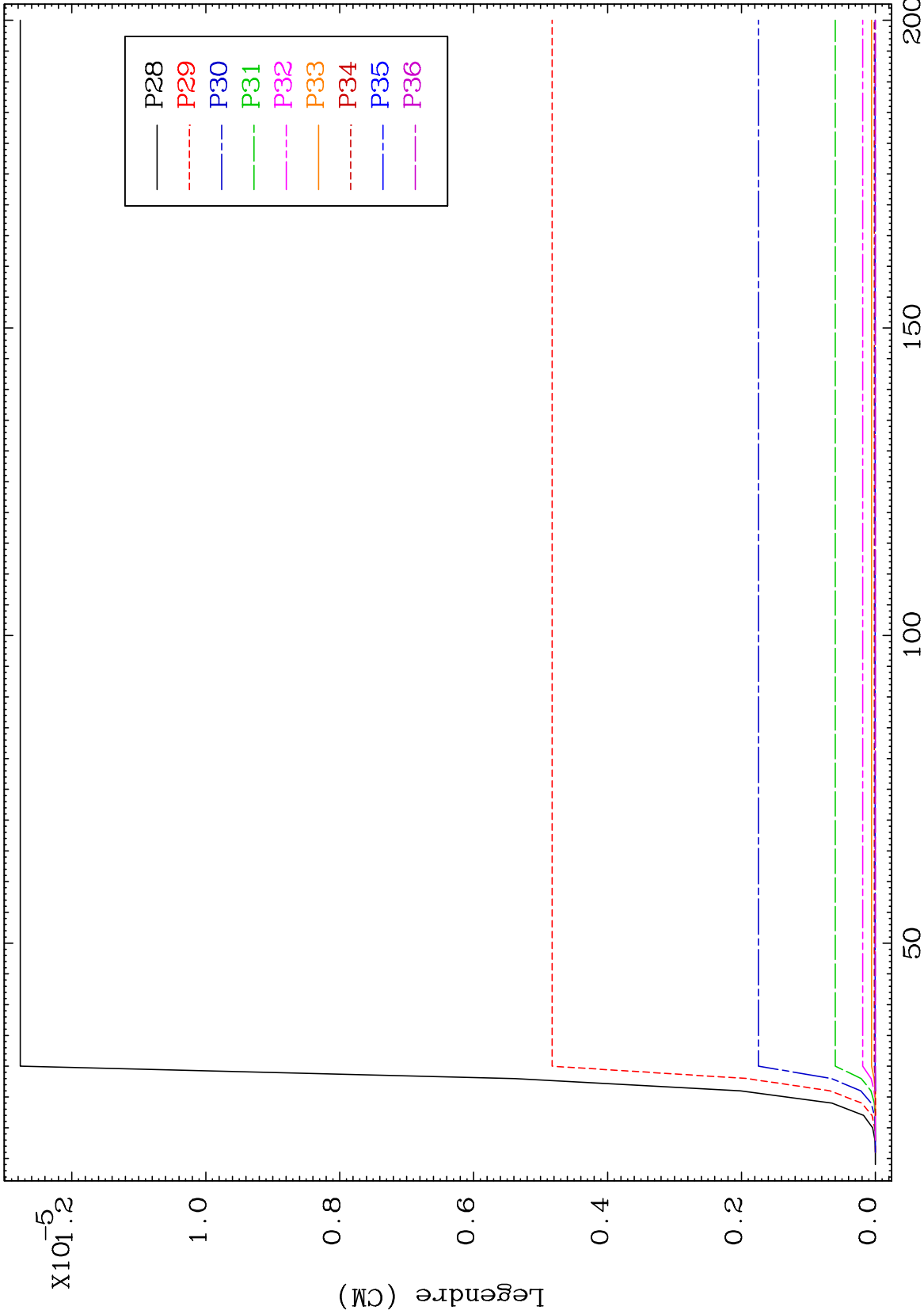
71-Lu-171



71-Lu-171

Incident Energy (MeV)

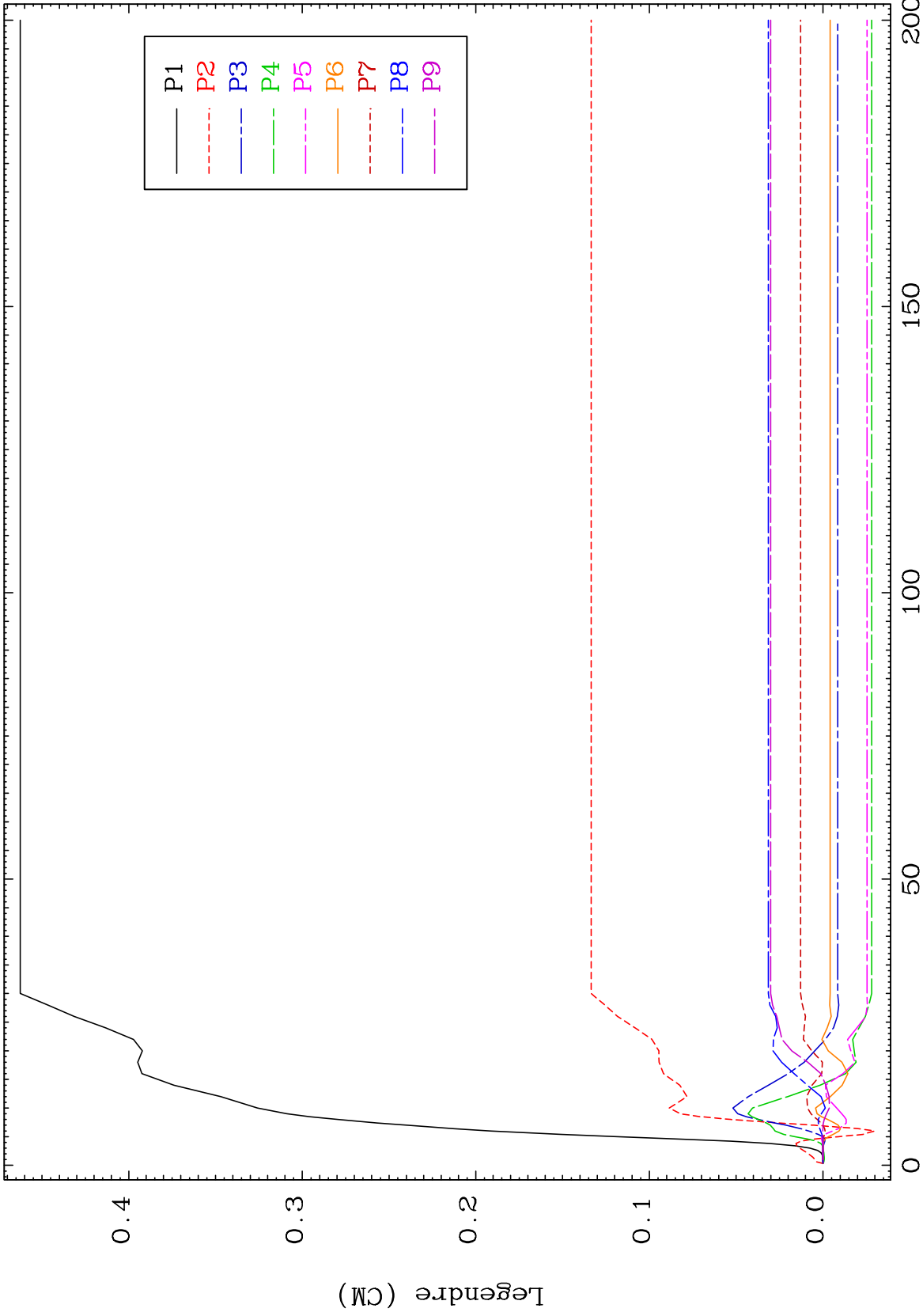
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MAT 7113

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

71-Lu-171



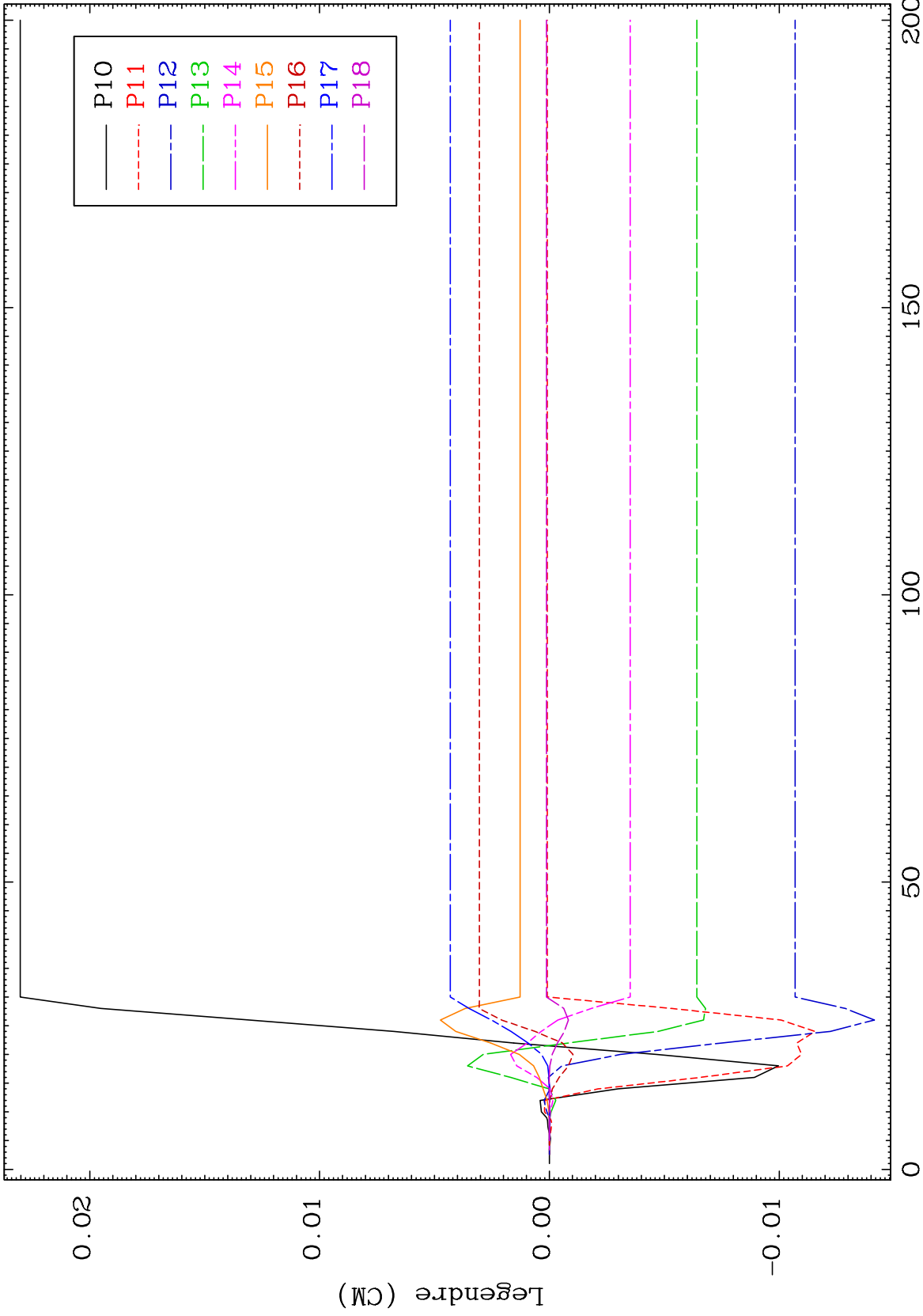
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71-Lu-171

MAT 7113

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

71-Lu-171



53

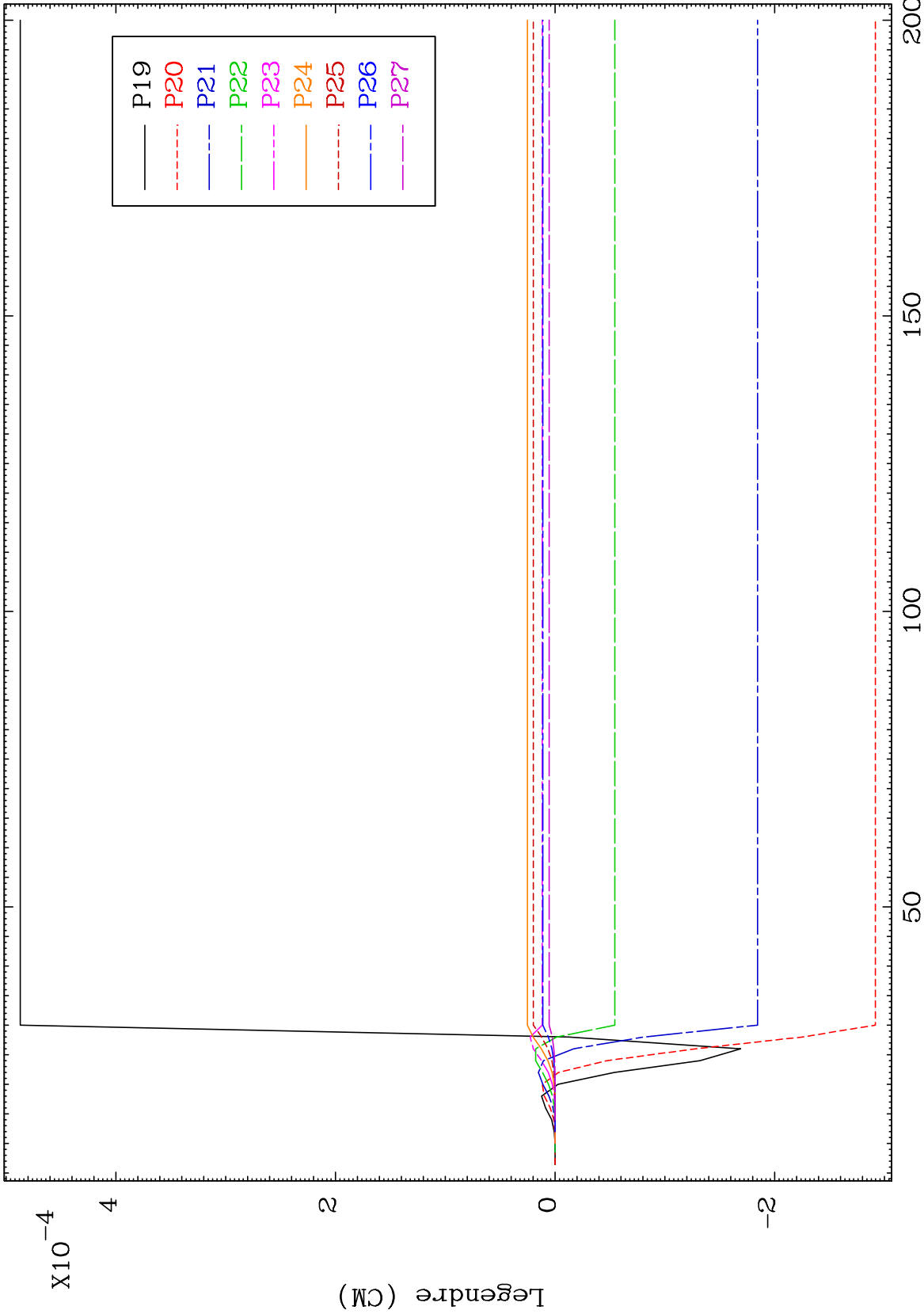
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



54

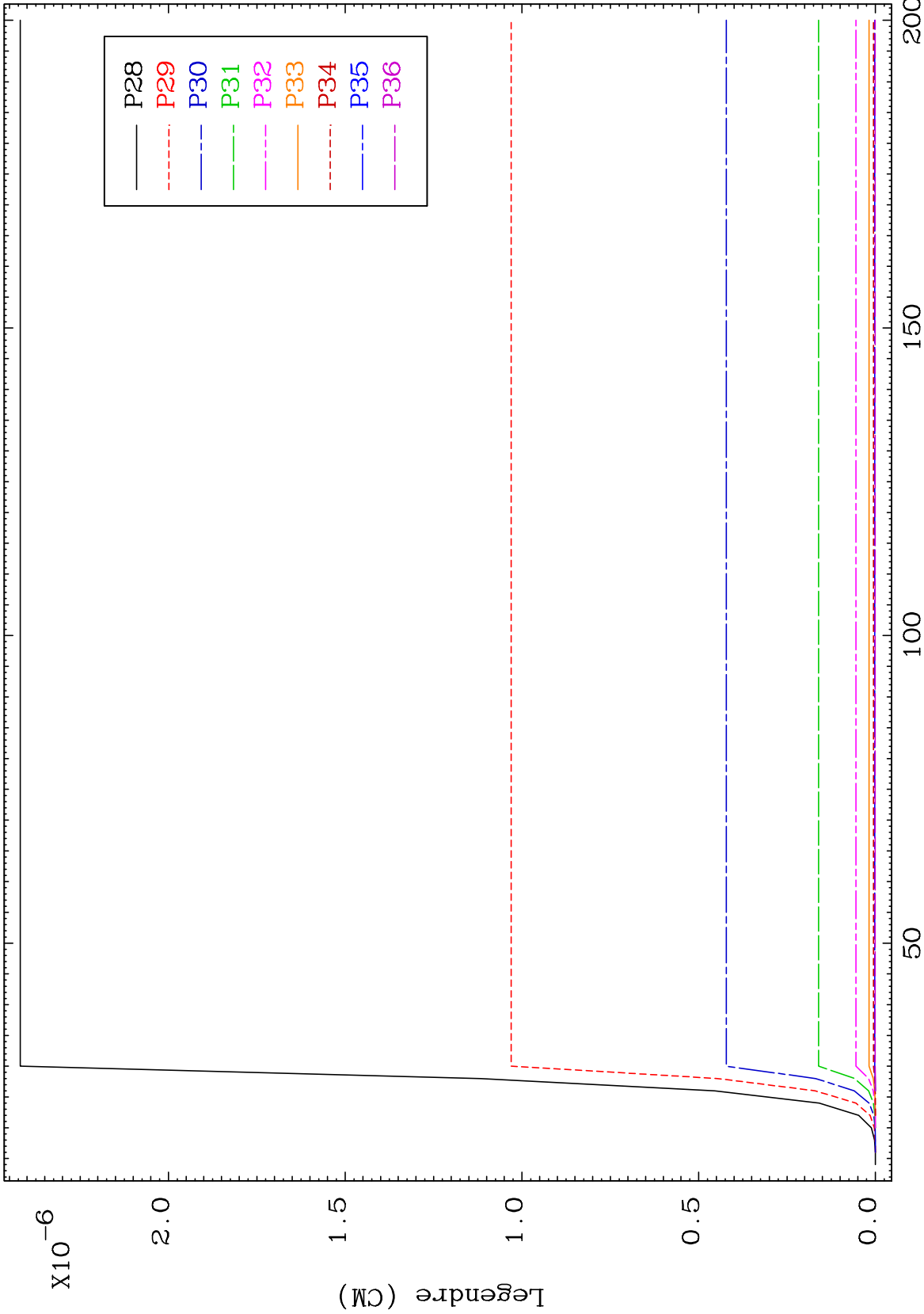
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



55

Incident Energy (MeV)

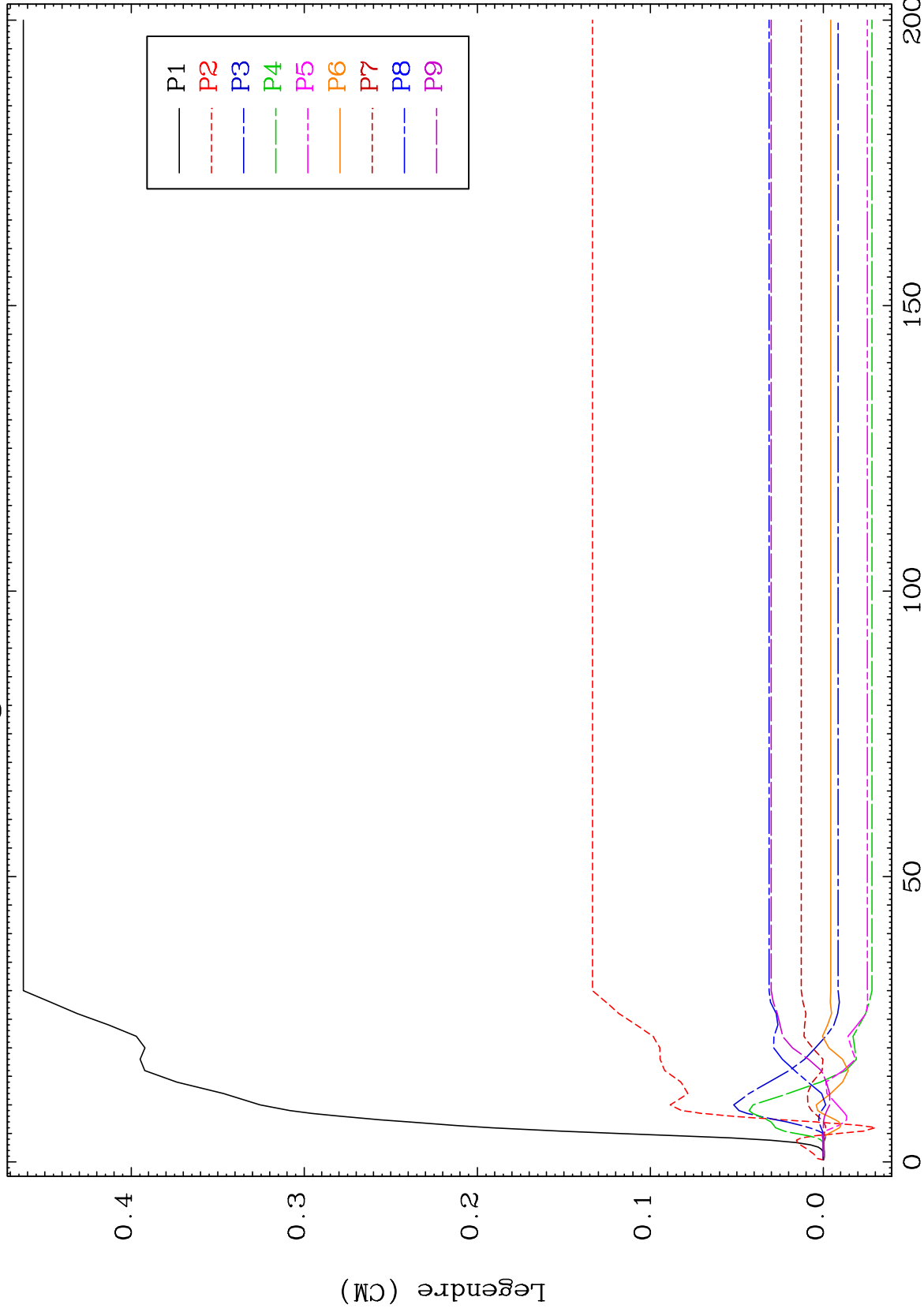
71-Lu-171



MAT 7113

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

71-Lu-171



56

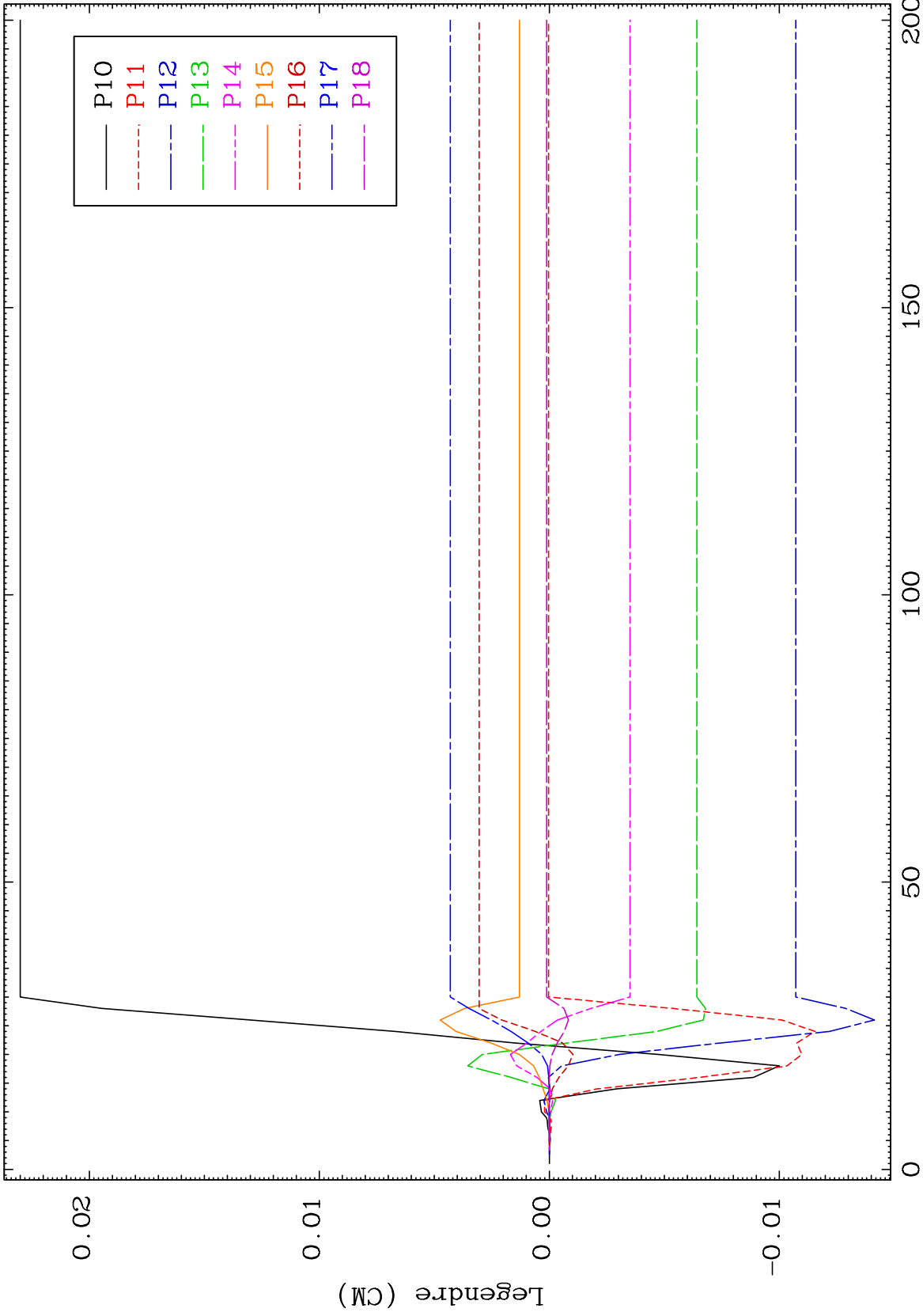
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



57

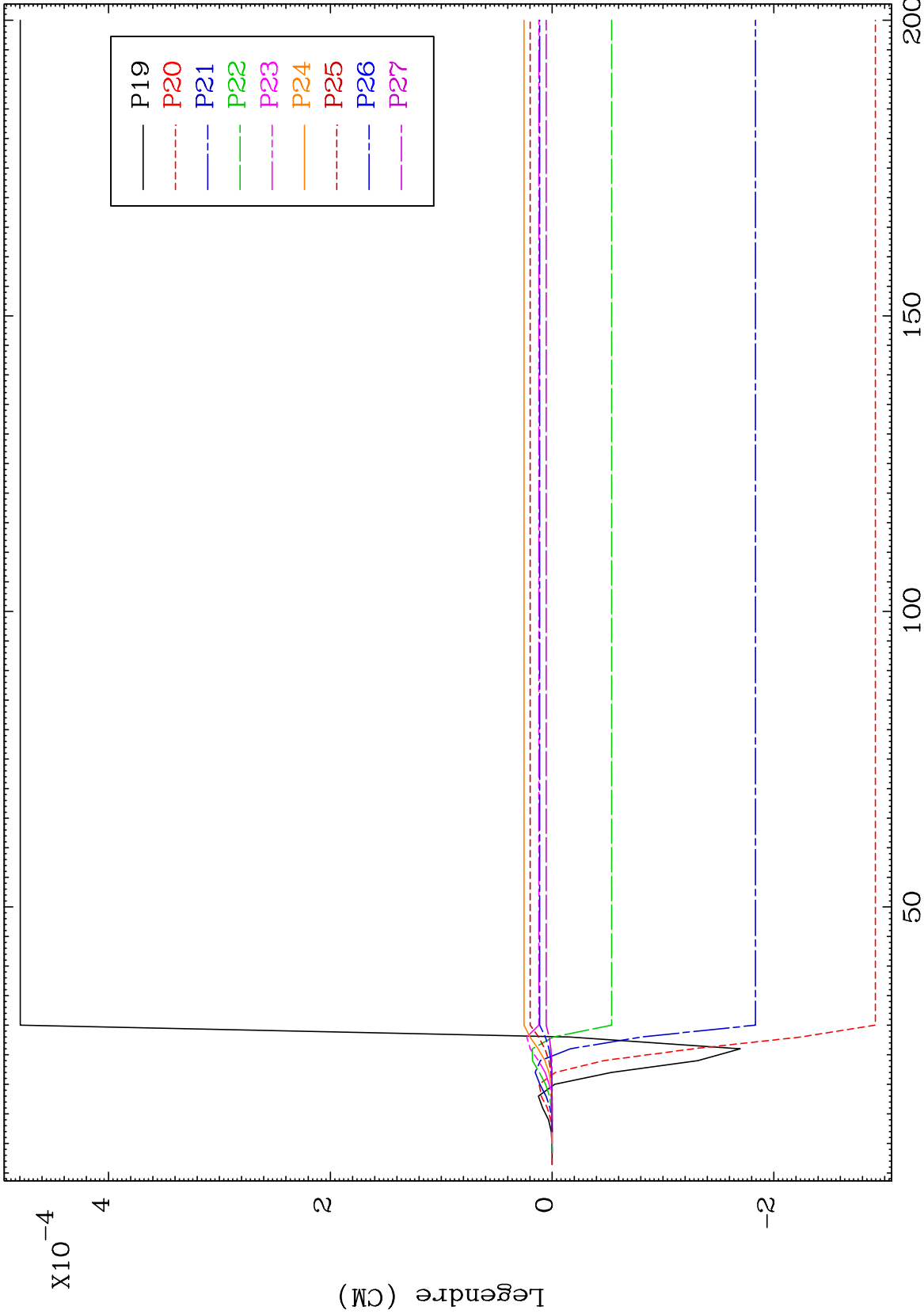
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



58

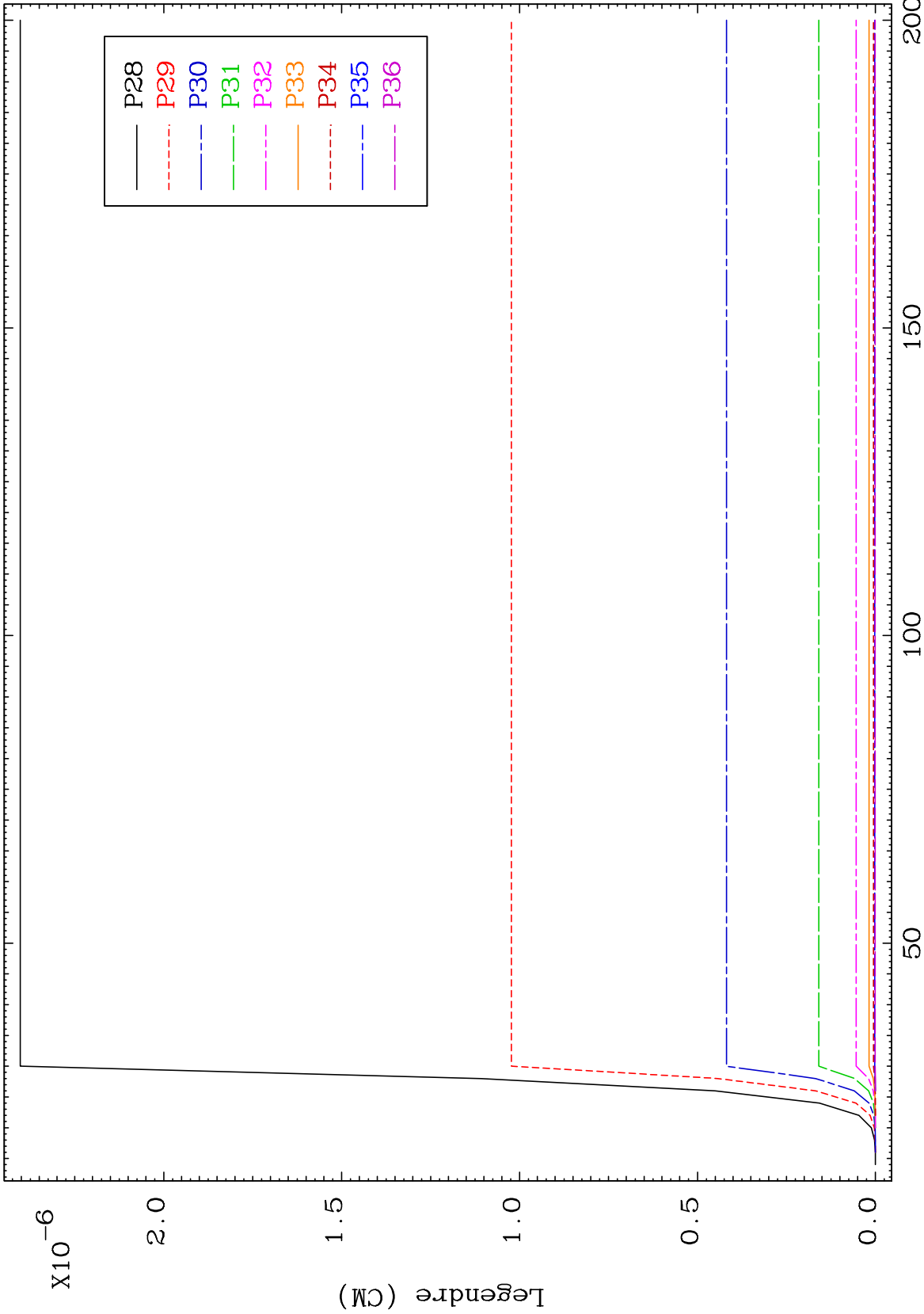
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



59

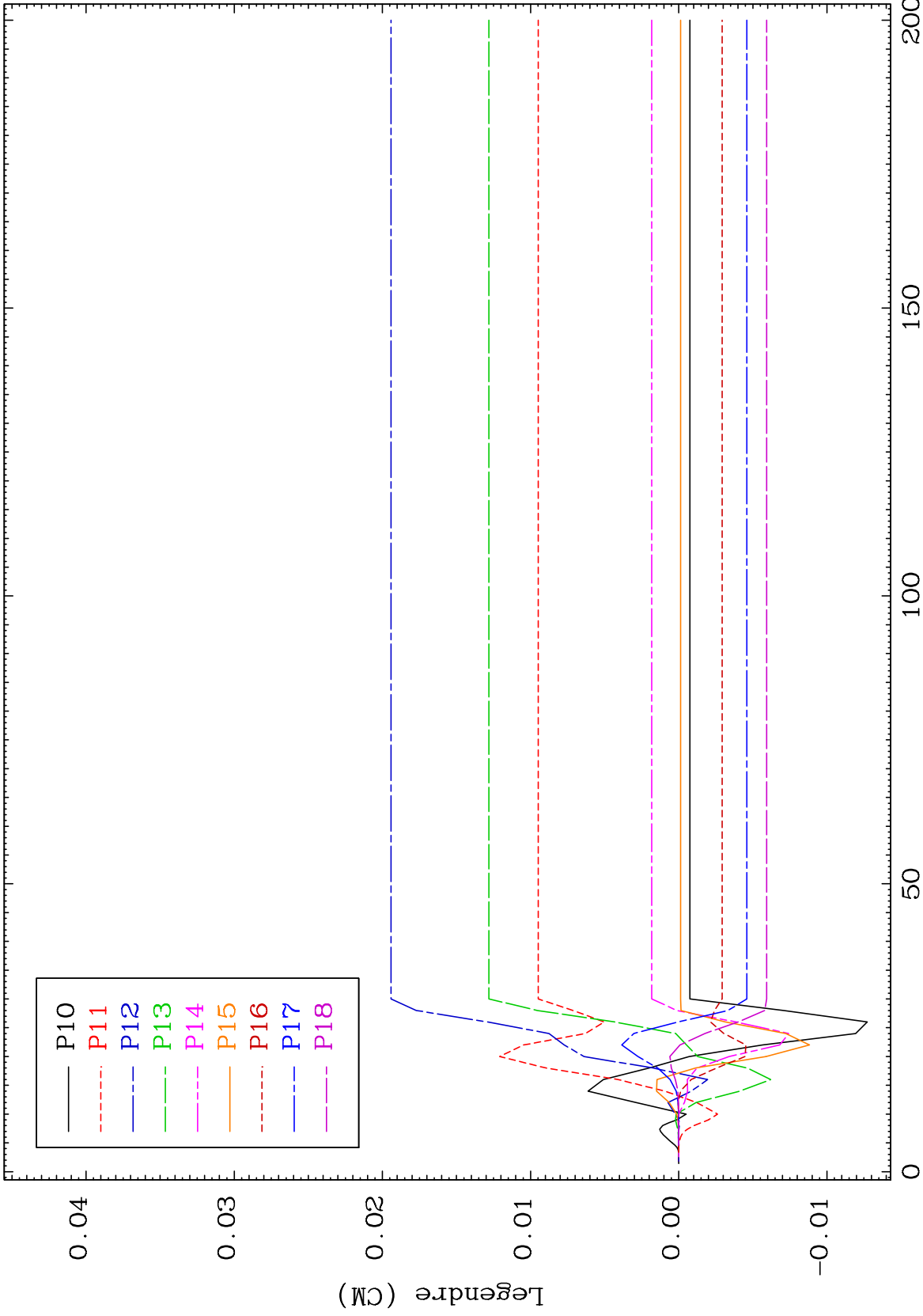
71-Lu-171



MAT 7113

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

71-Lu-171



61

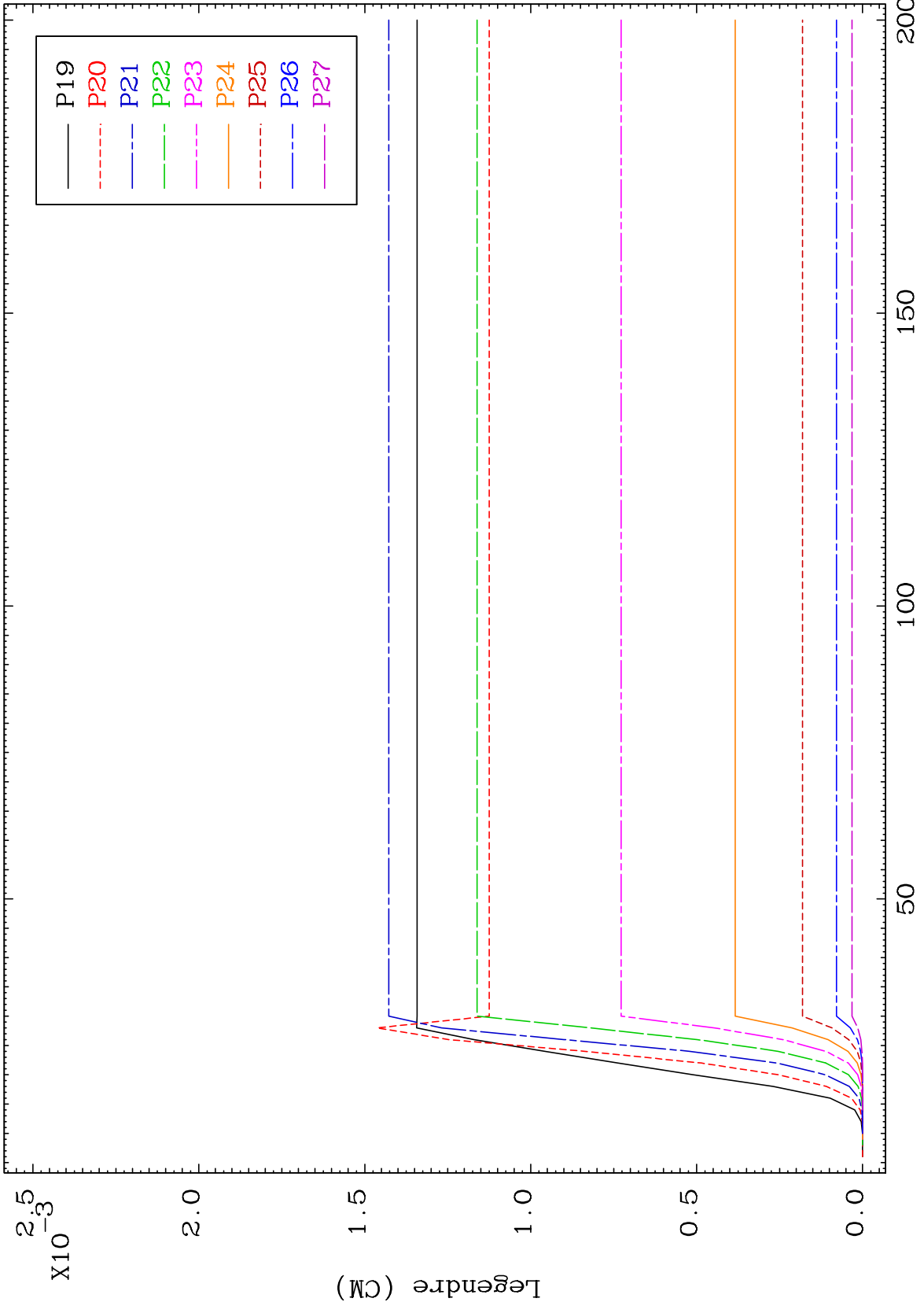
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



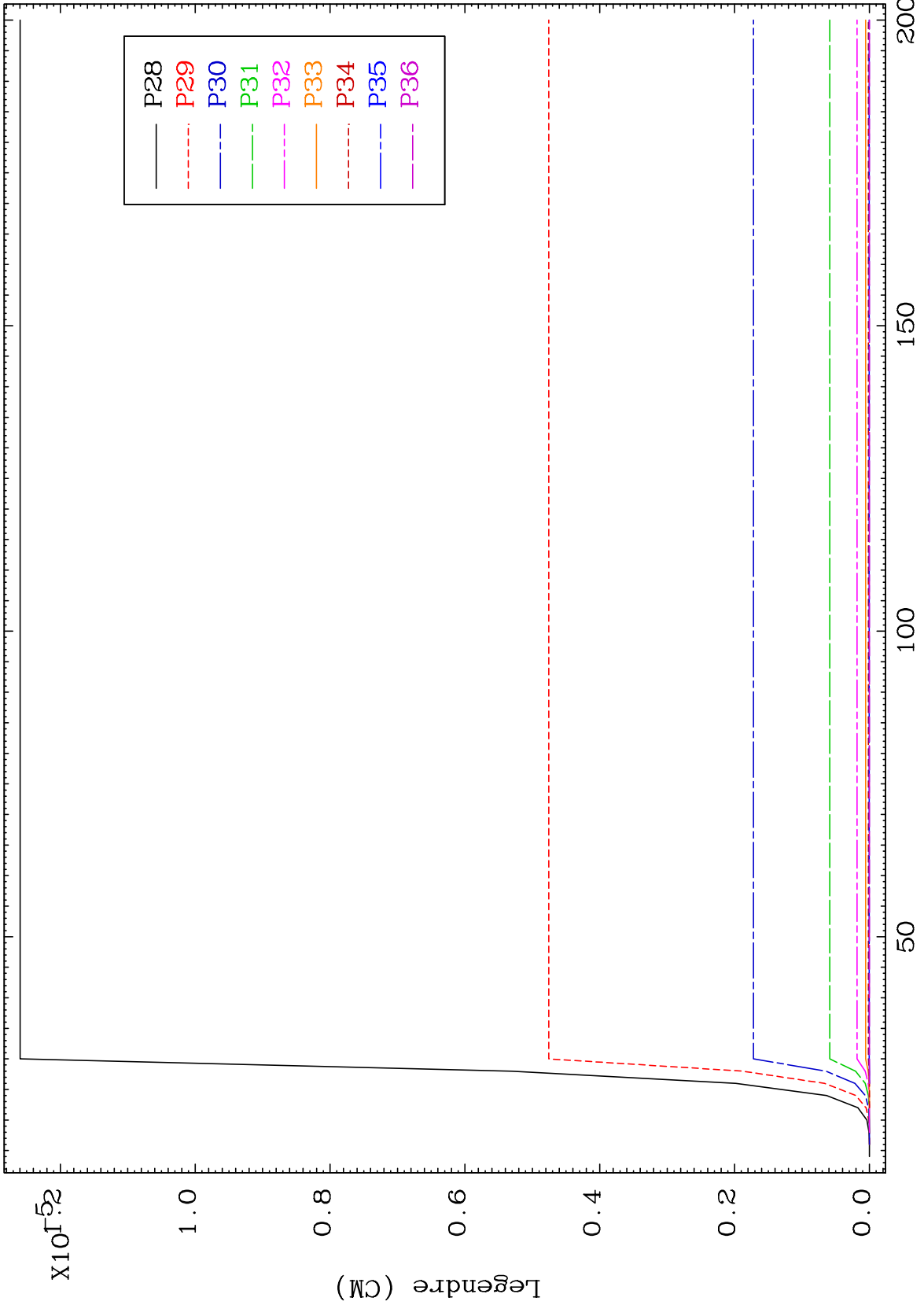
62

71-Lu-171

MAT 7113

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

71-Lu-171



63

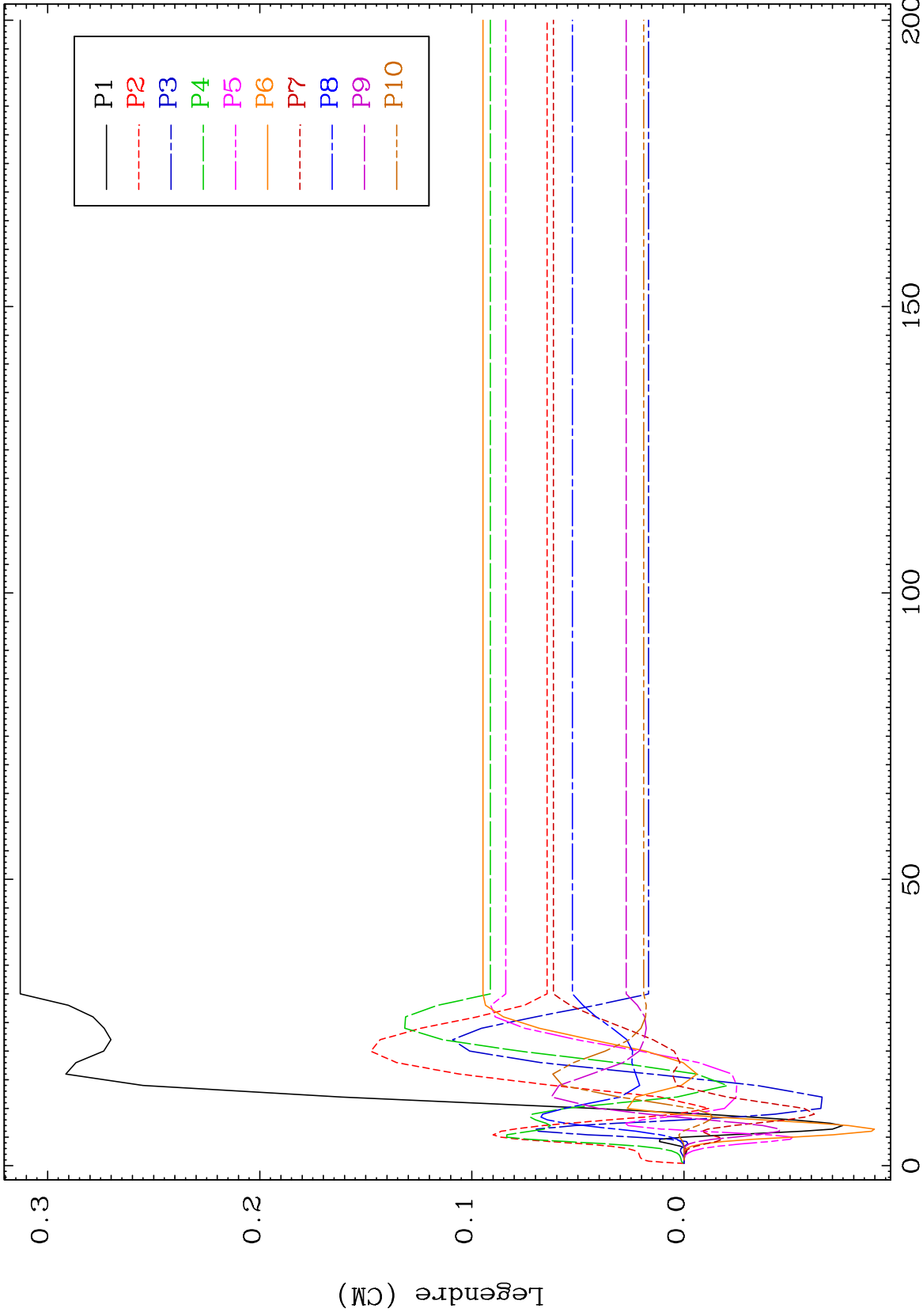
71-Lu-171



MAT 7113

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

71-Lu-171



64

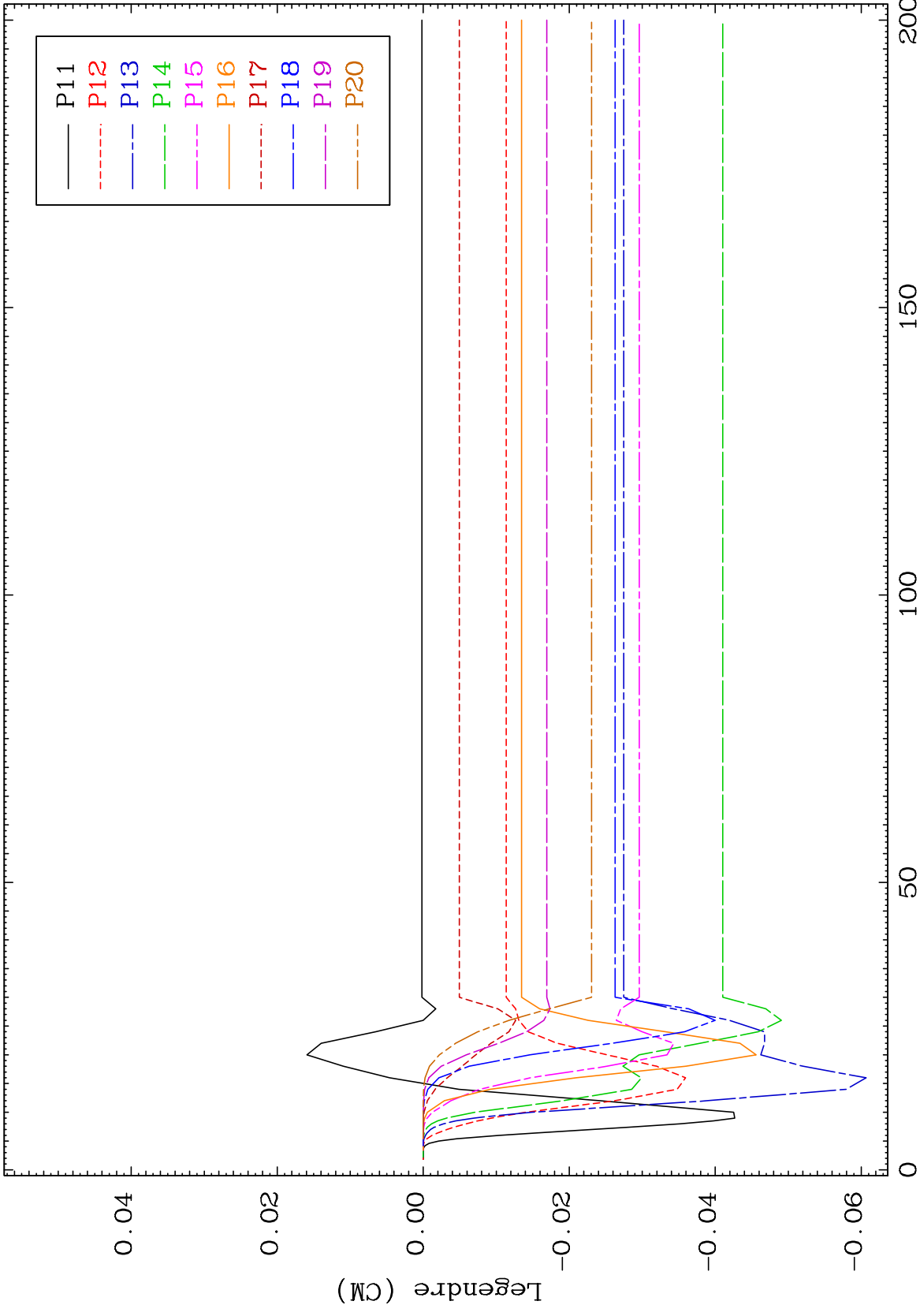
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171

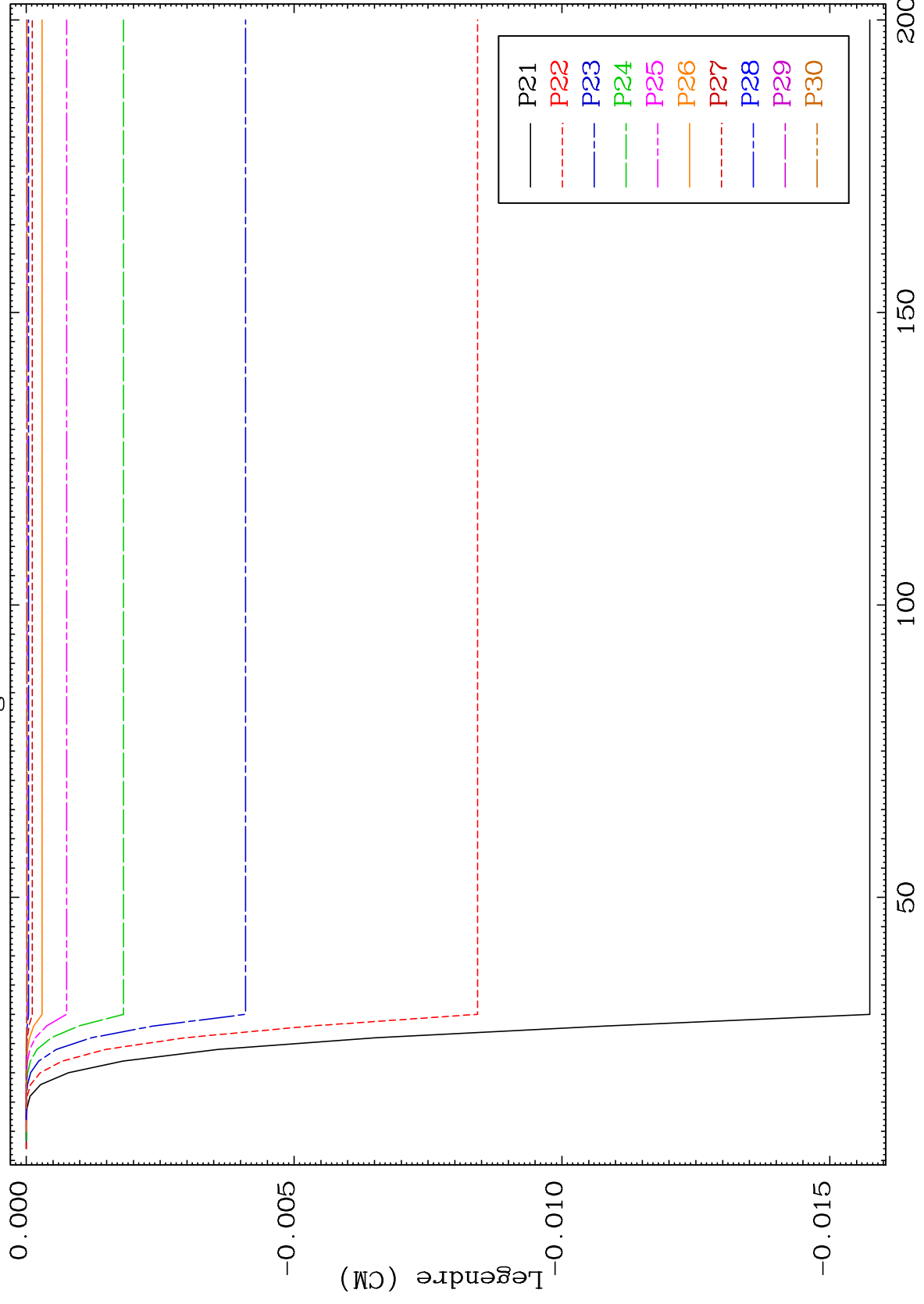


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Incident Energy (MeV)

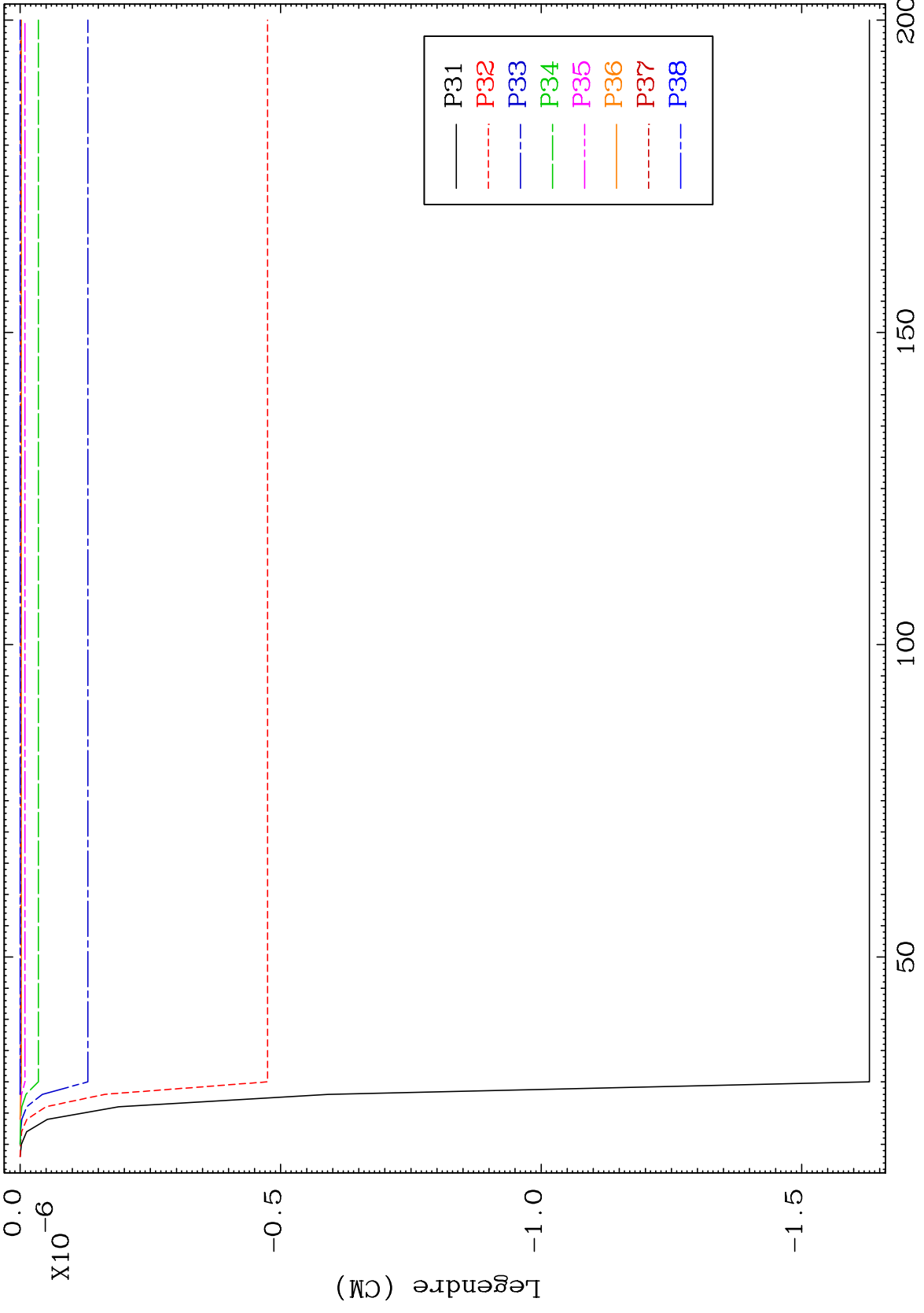
71-Lu-171

MAT 7113 MT= 62 (n,n') Level Legendre Coefficients 71-Lu-171



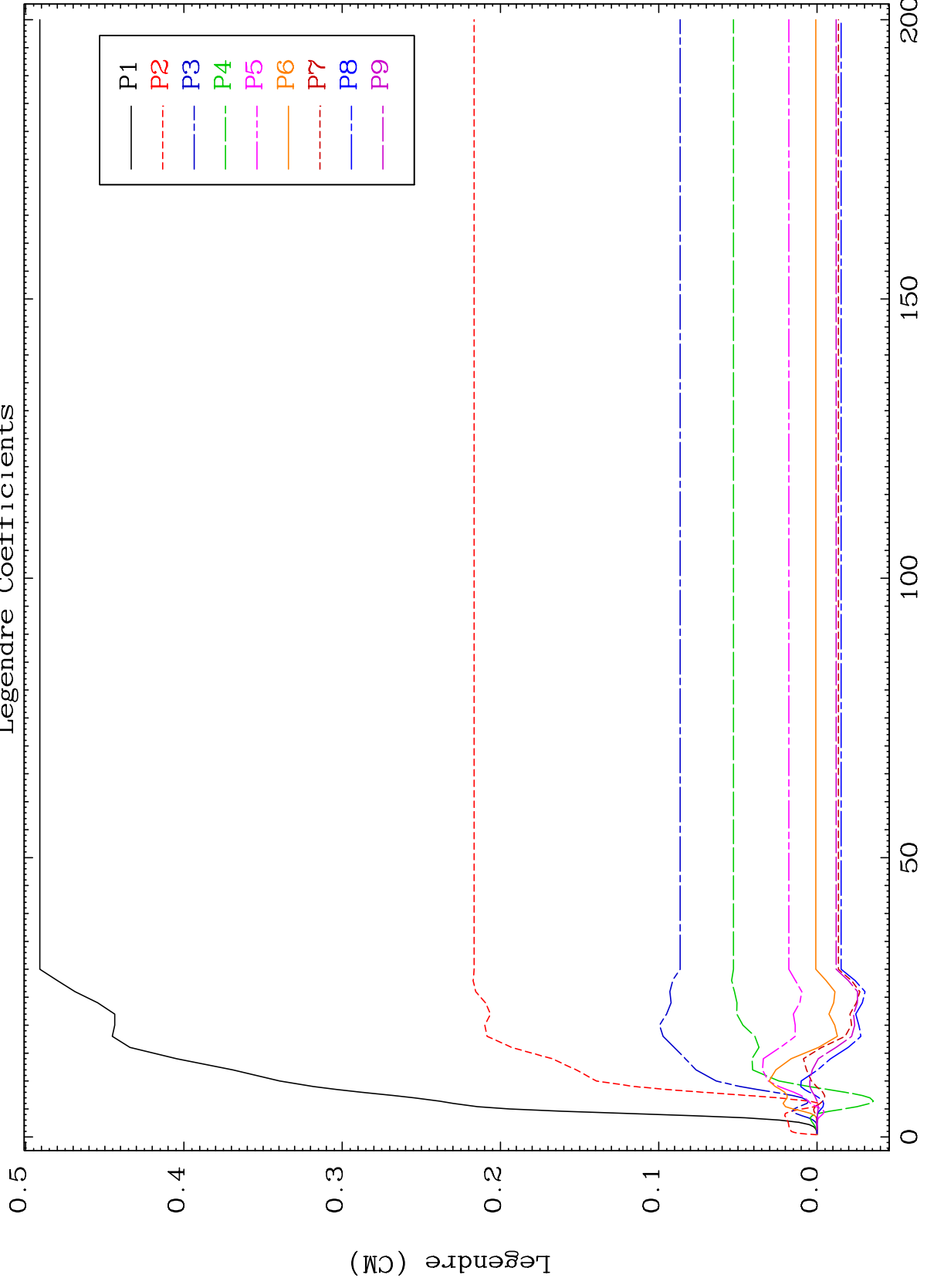
66 71-Lu-171

MAT 7113 MT= 62 (n,n') Level Legendre Coefficients 71-Lu-171



67 71-Lu-171

MAT 7113 MT= 63 (n,n') Level Legendre Coefficients 71-Lu-171

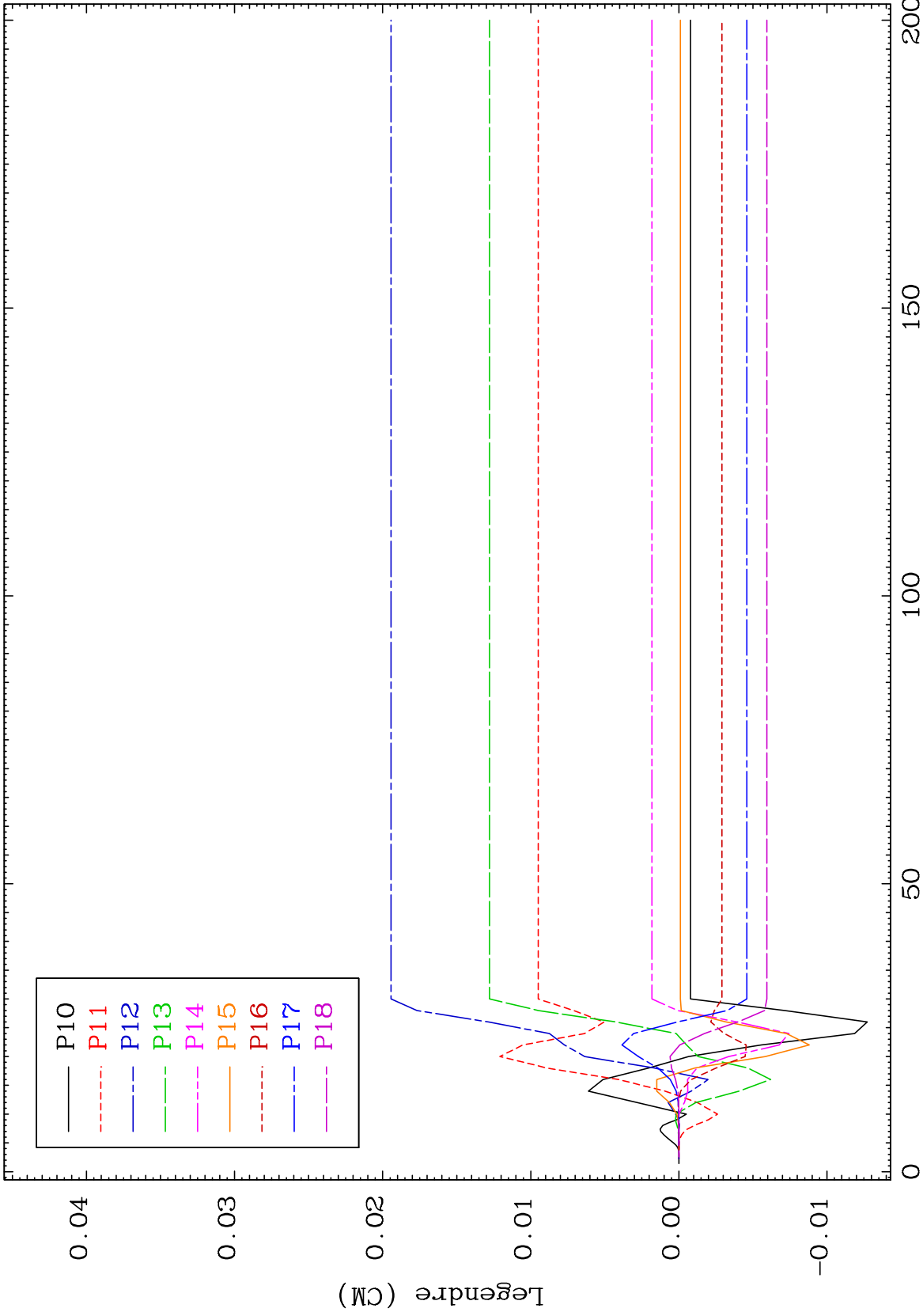


68 71-Lu-171

MAT 7113

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

71-Lu-171



69

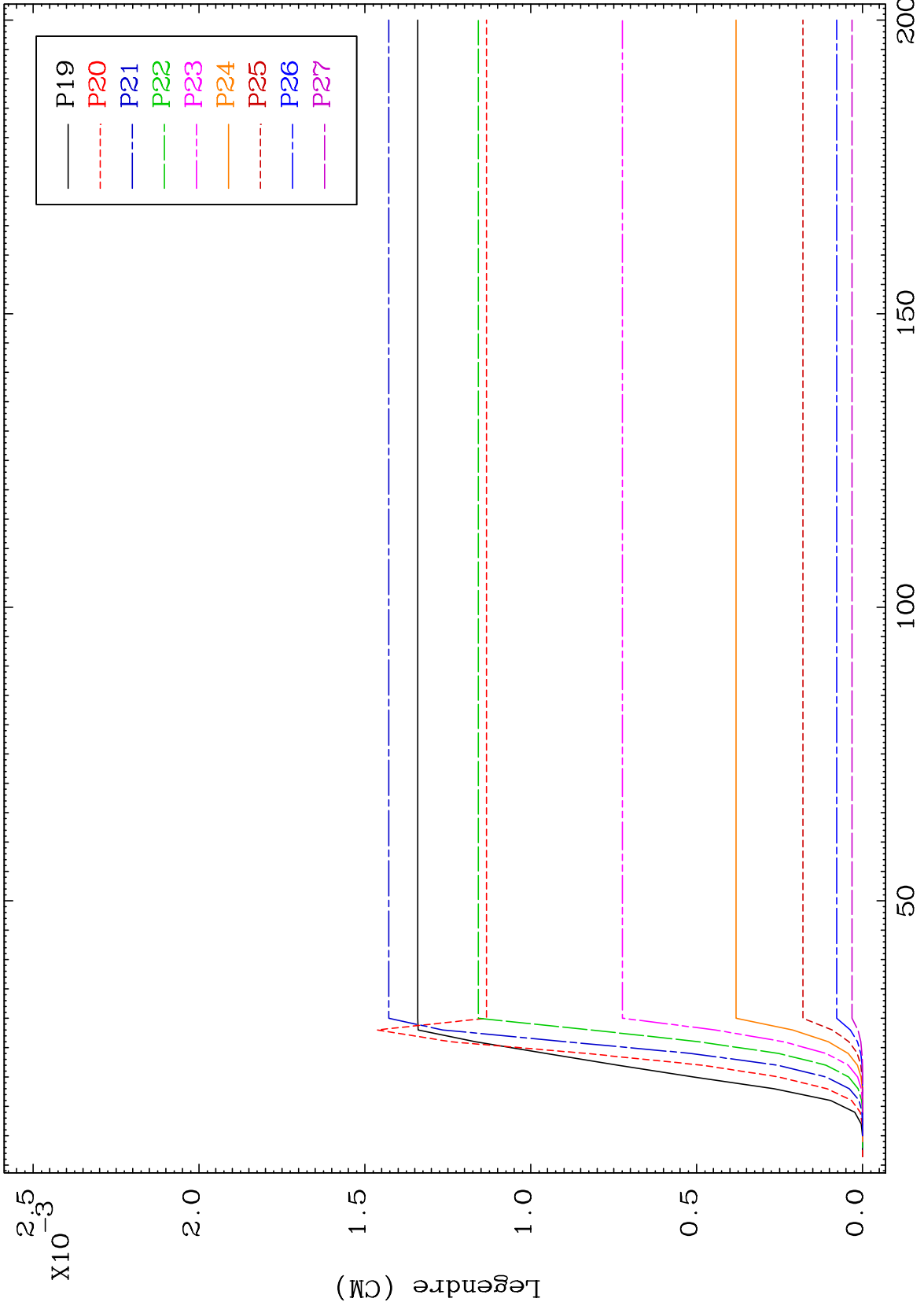
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



70

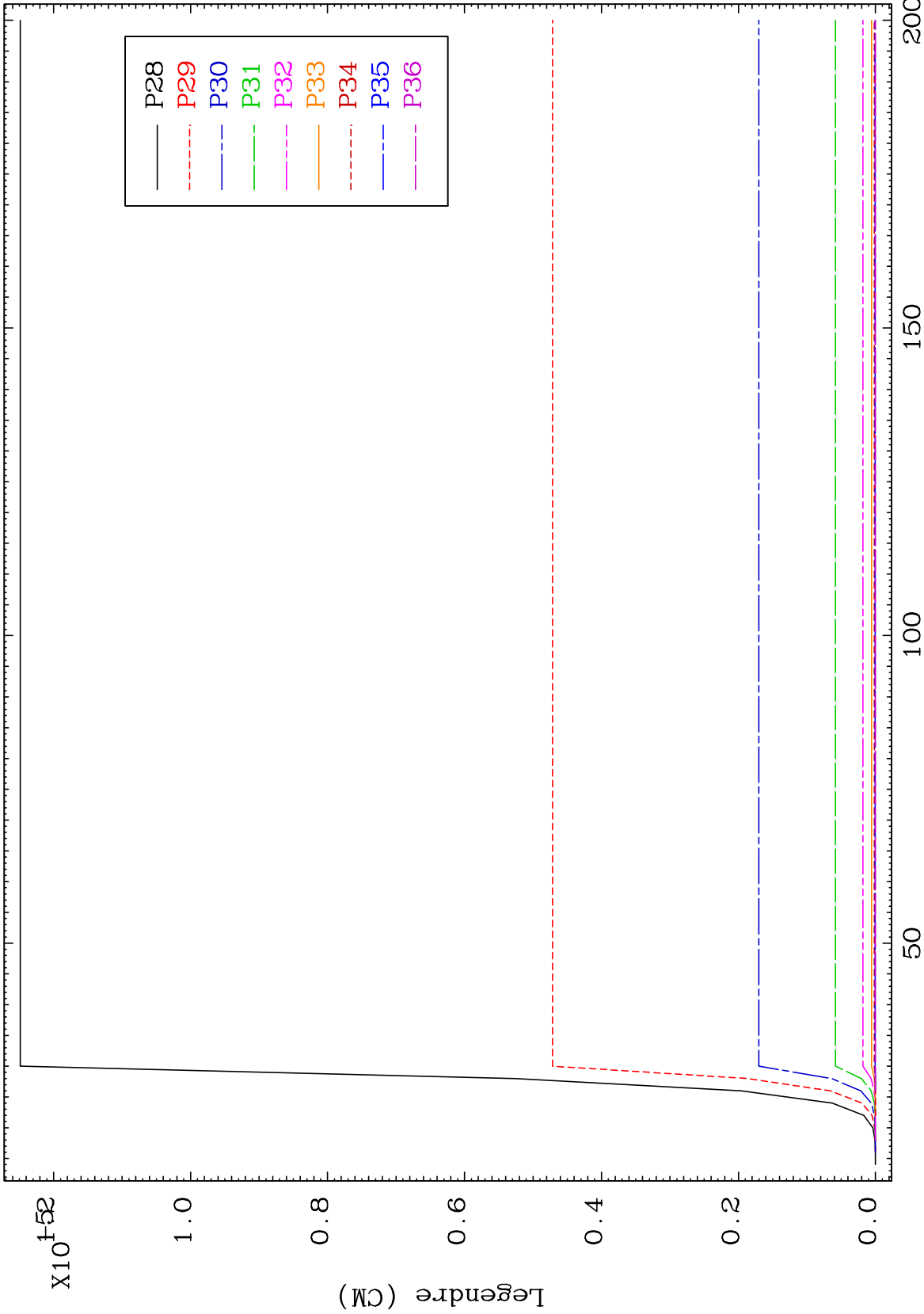
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



71

Incident Energy (MeV)

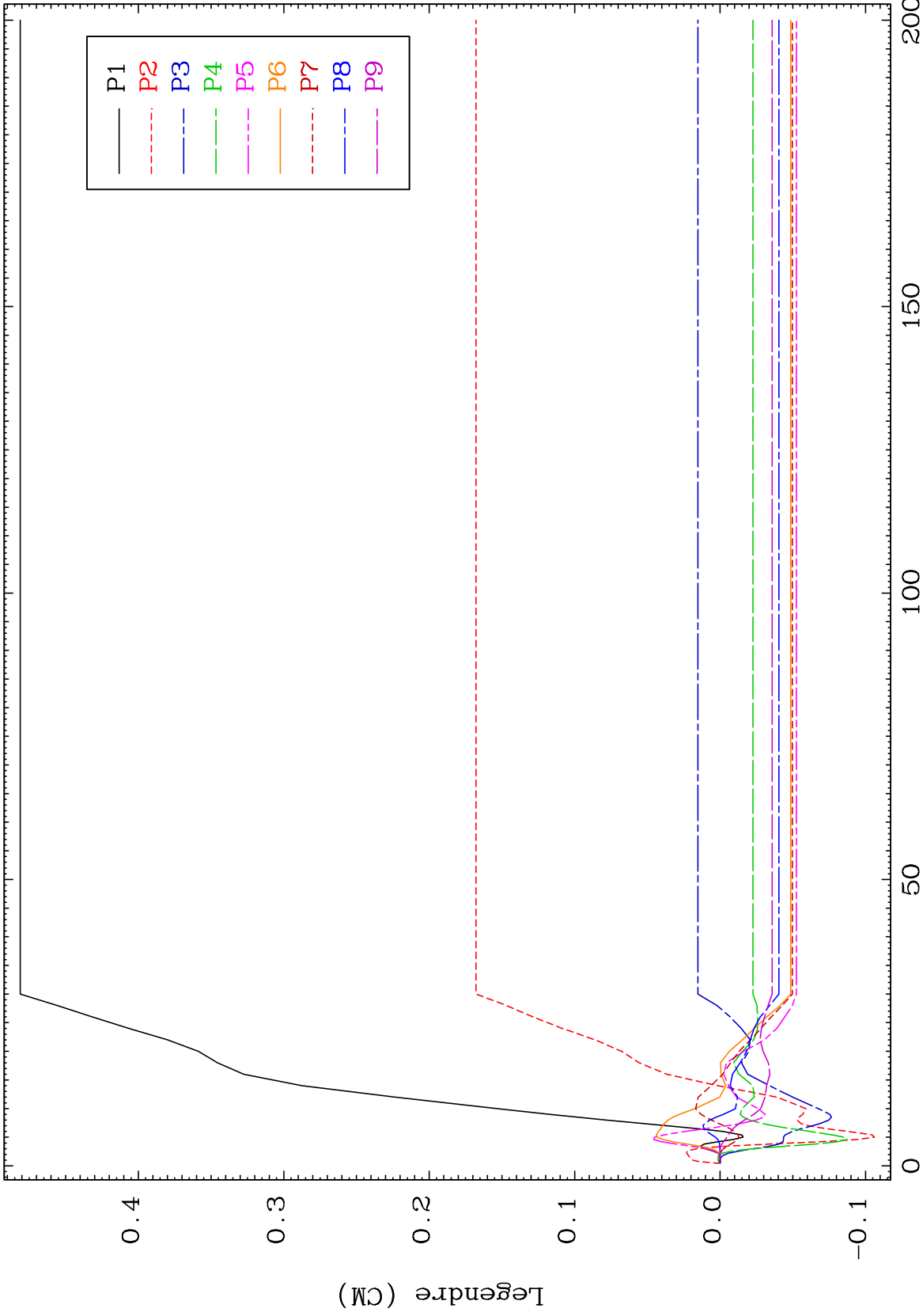
71-Lu-171



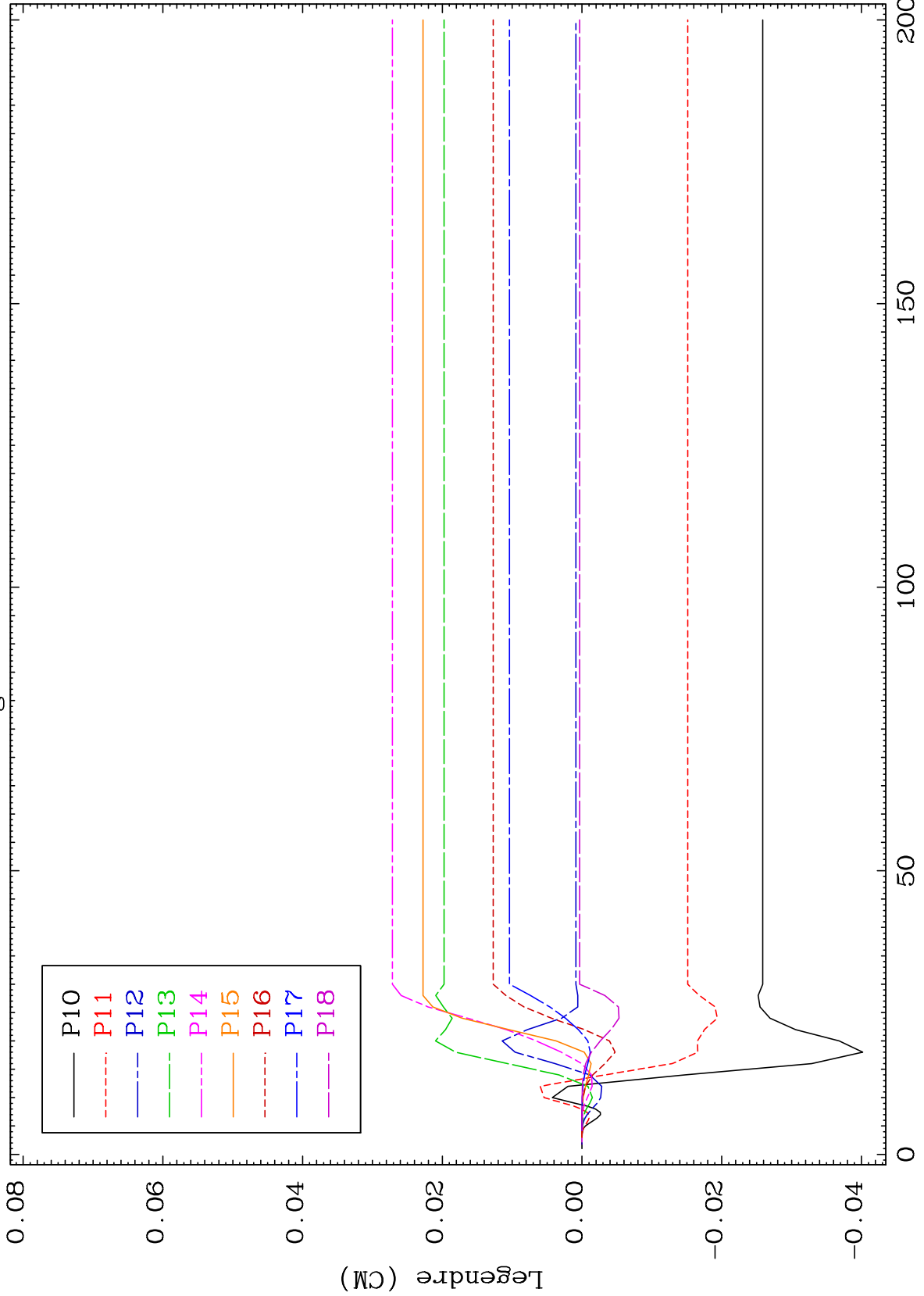
MAT 7113

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

71-Lu-171



MAT 7113 MT= 64 (n,n') Level Legendre Coefficients 71-Lu-171



71-Lu-171

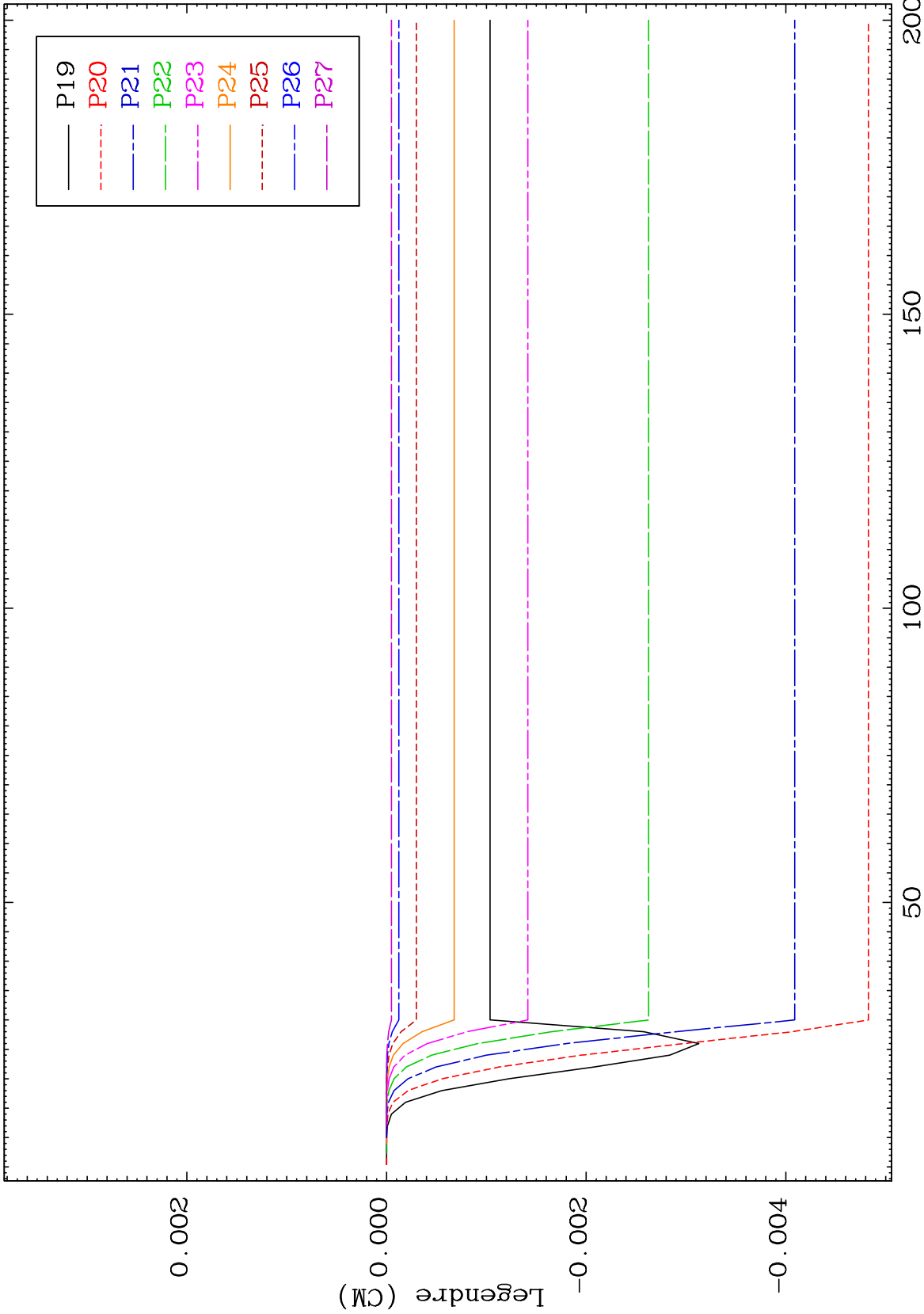
Incident Energy (MeV)

73

MAT 7113

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

71-Lu-171



74

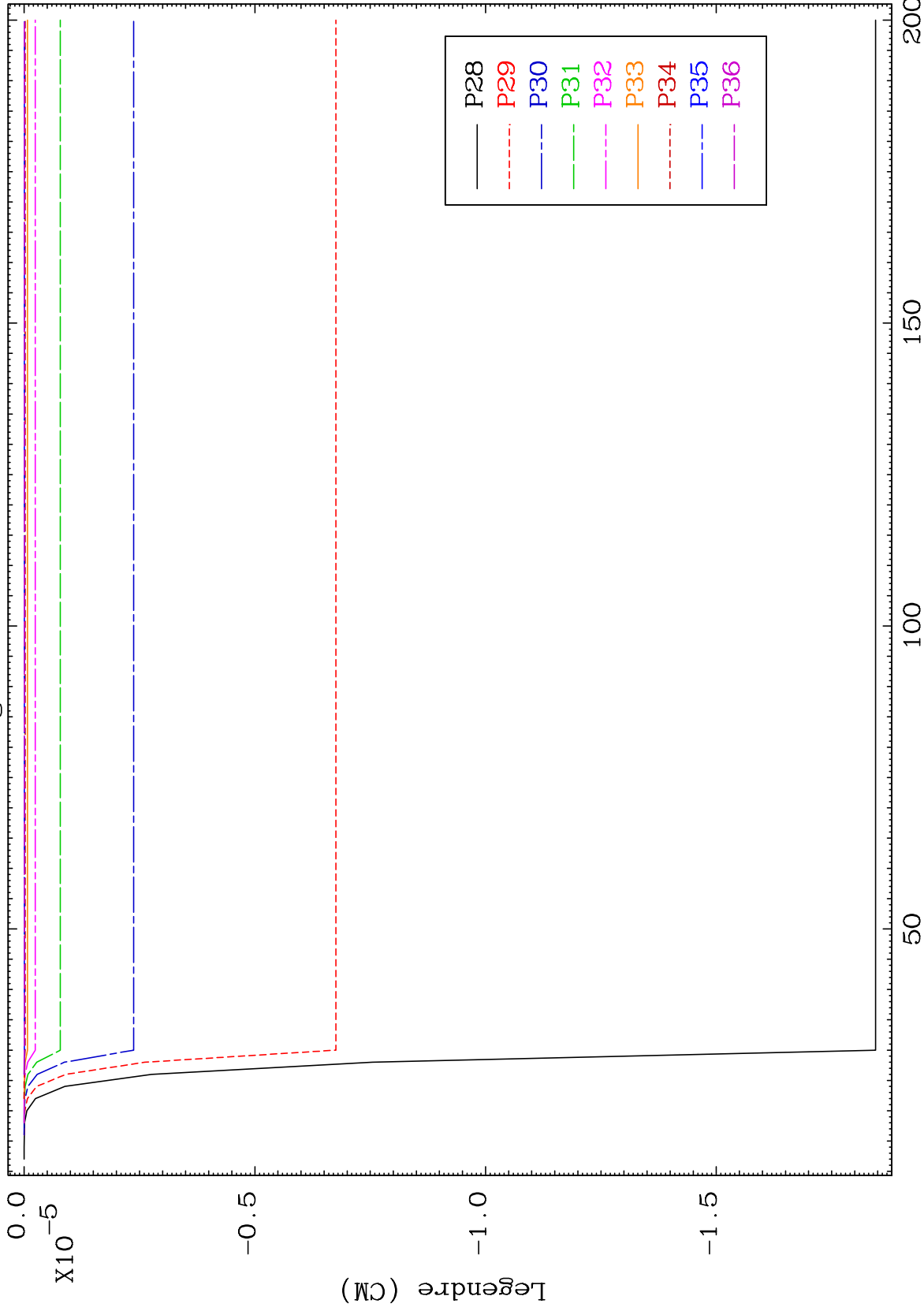
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



75

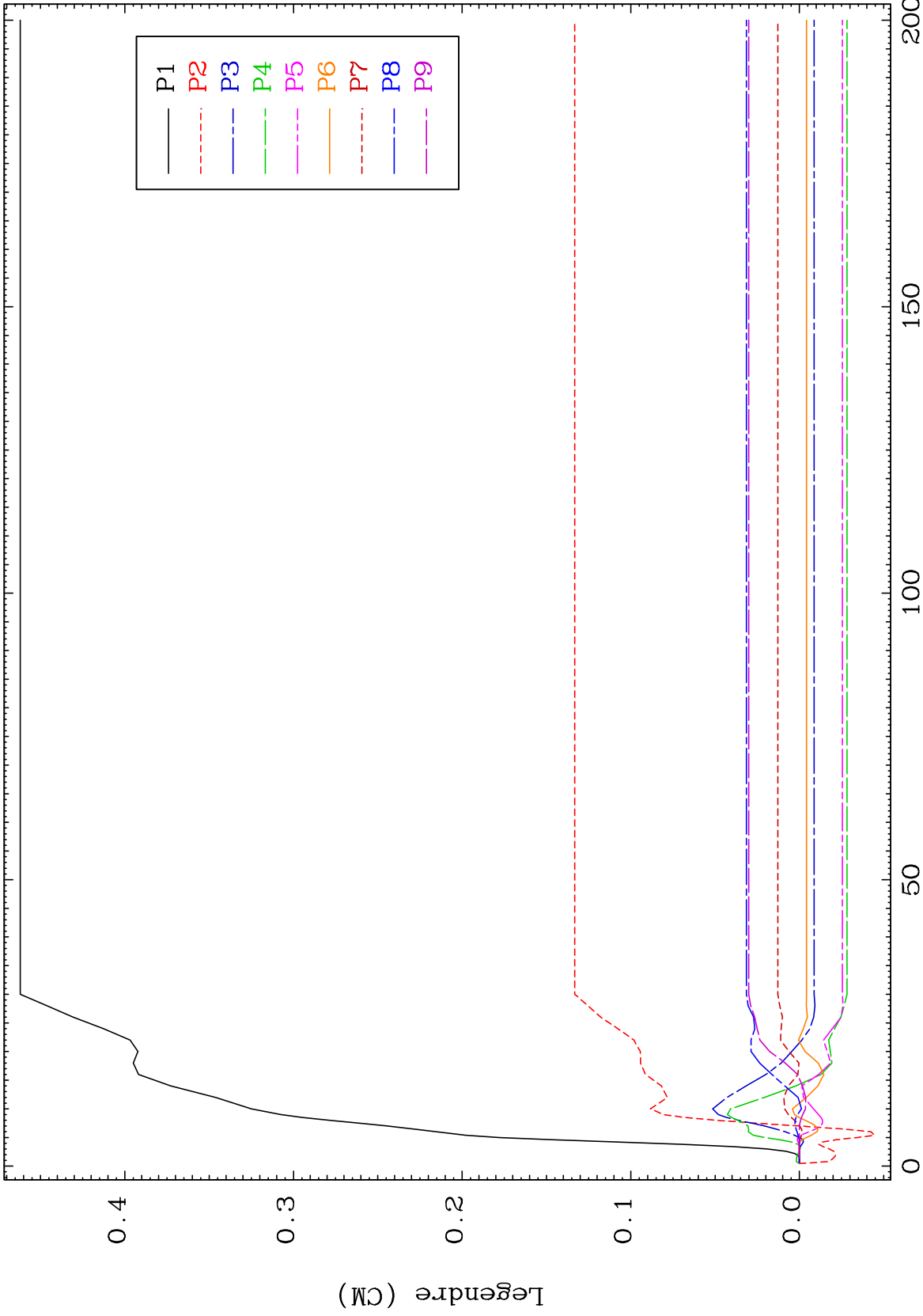
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



76

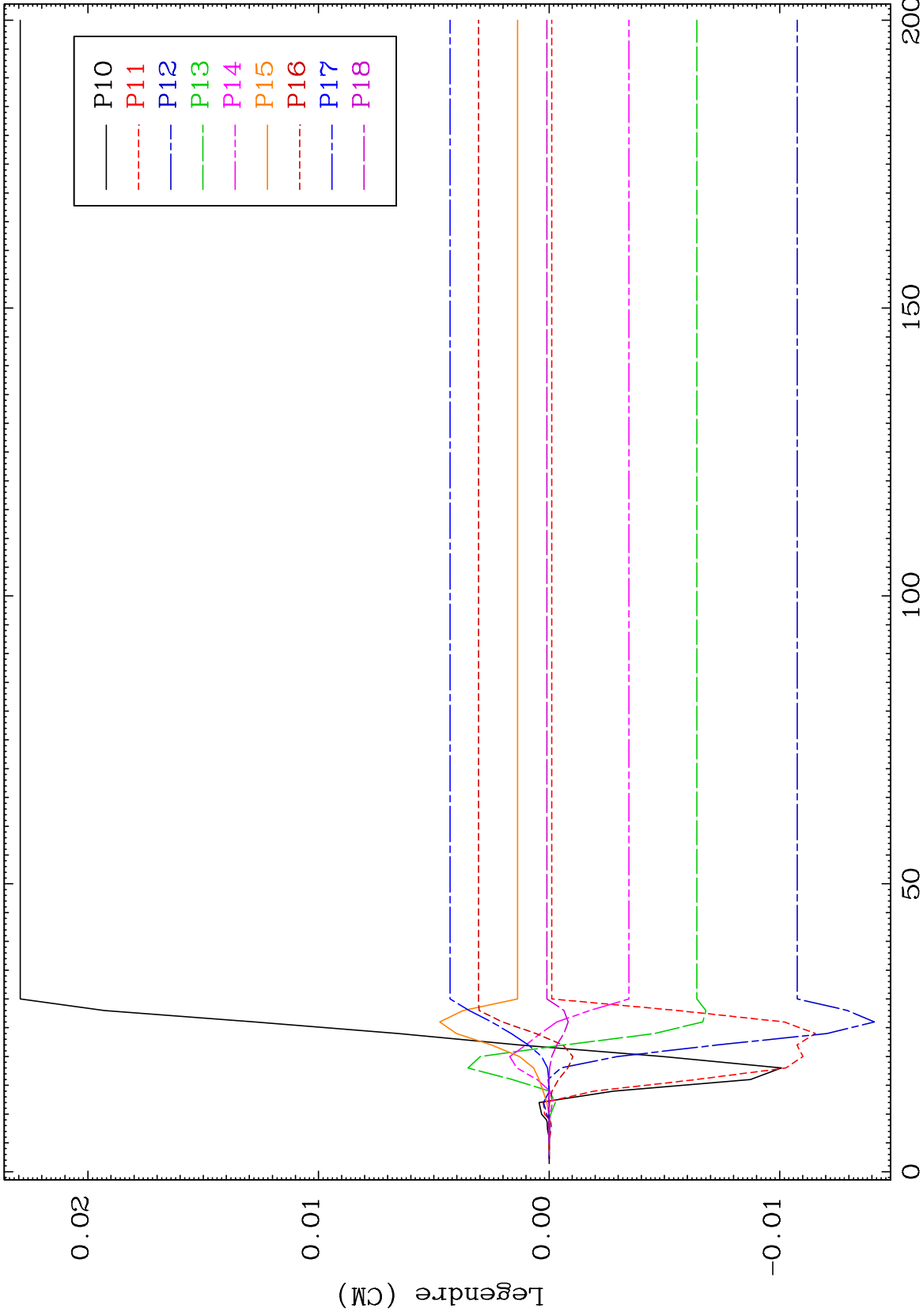
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



77

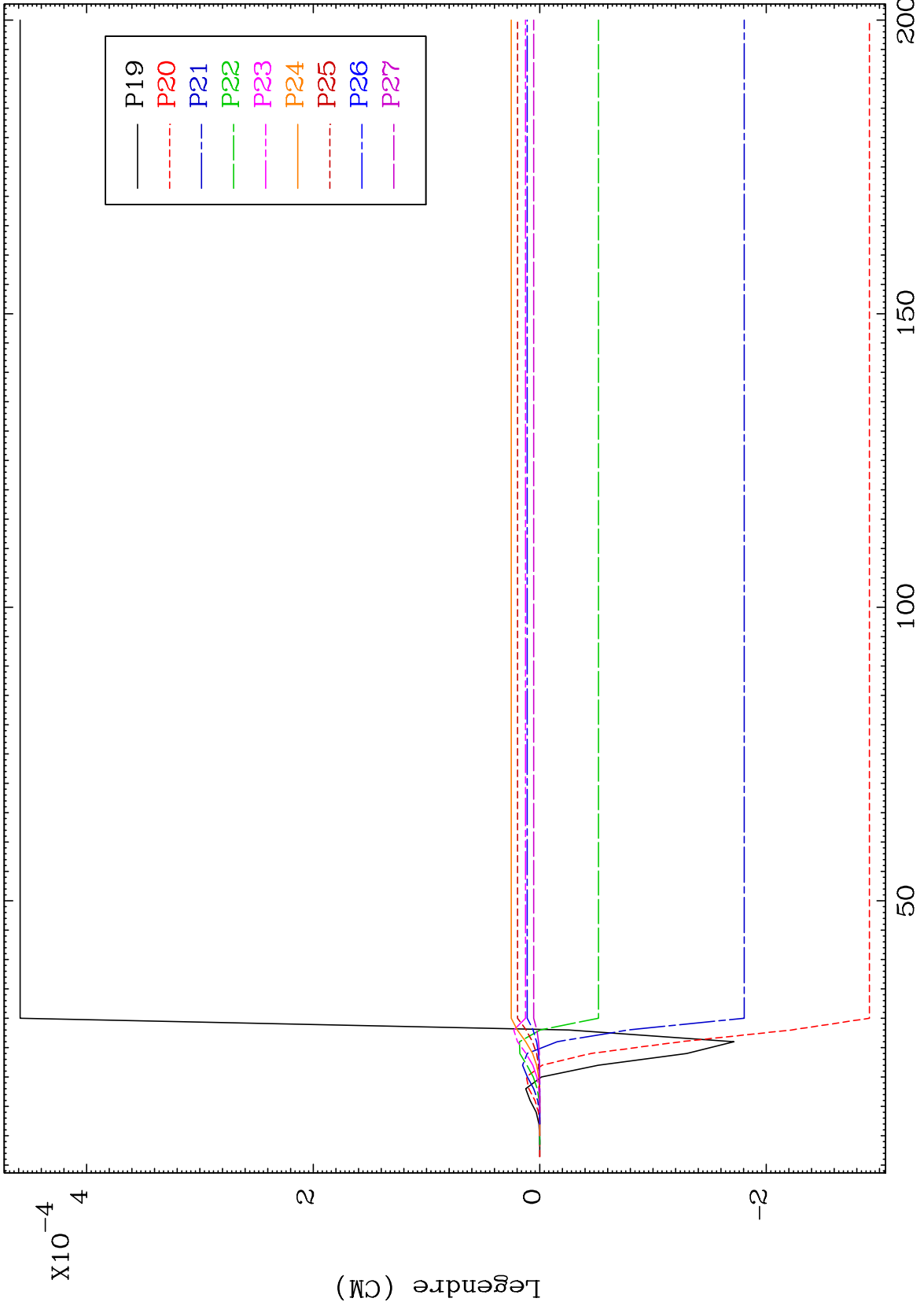
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



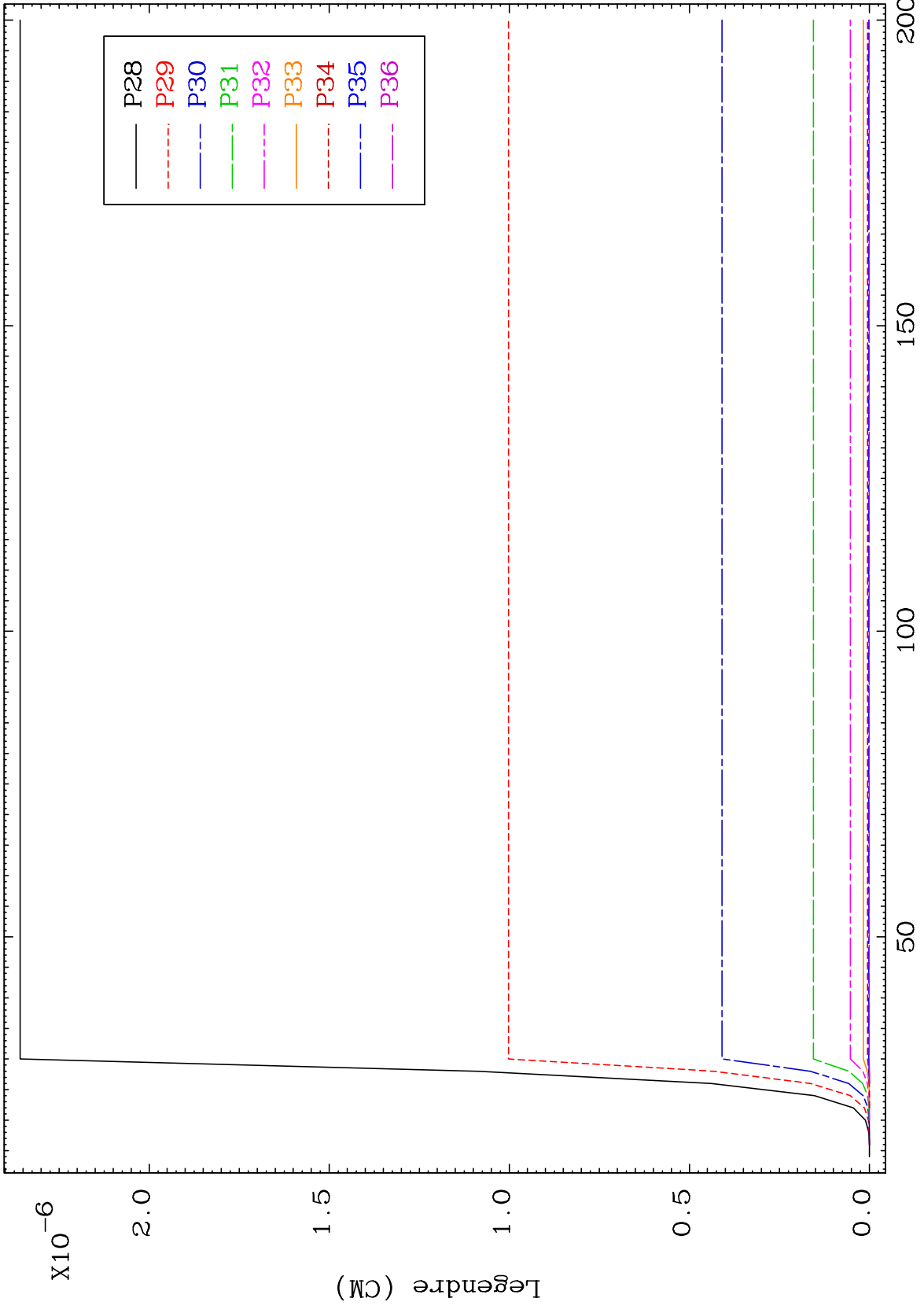
78

71-Lu-171

MAT 7113

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

71-Lu-171



79

71-Lu-171

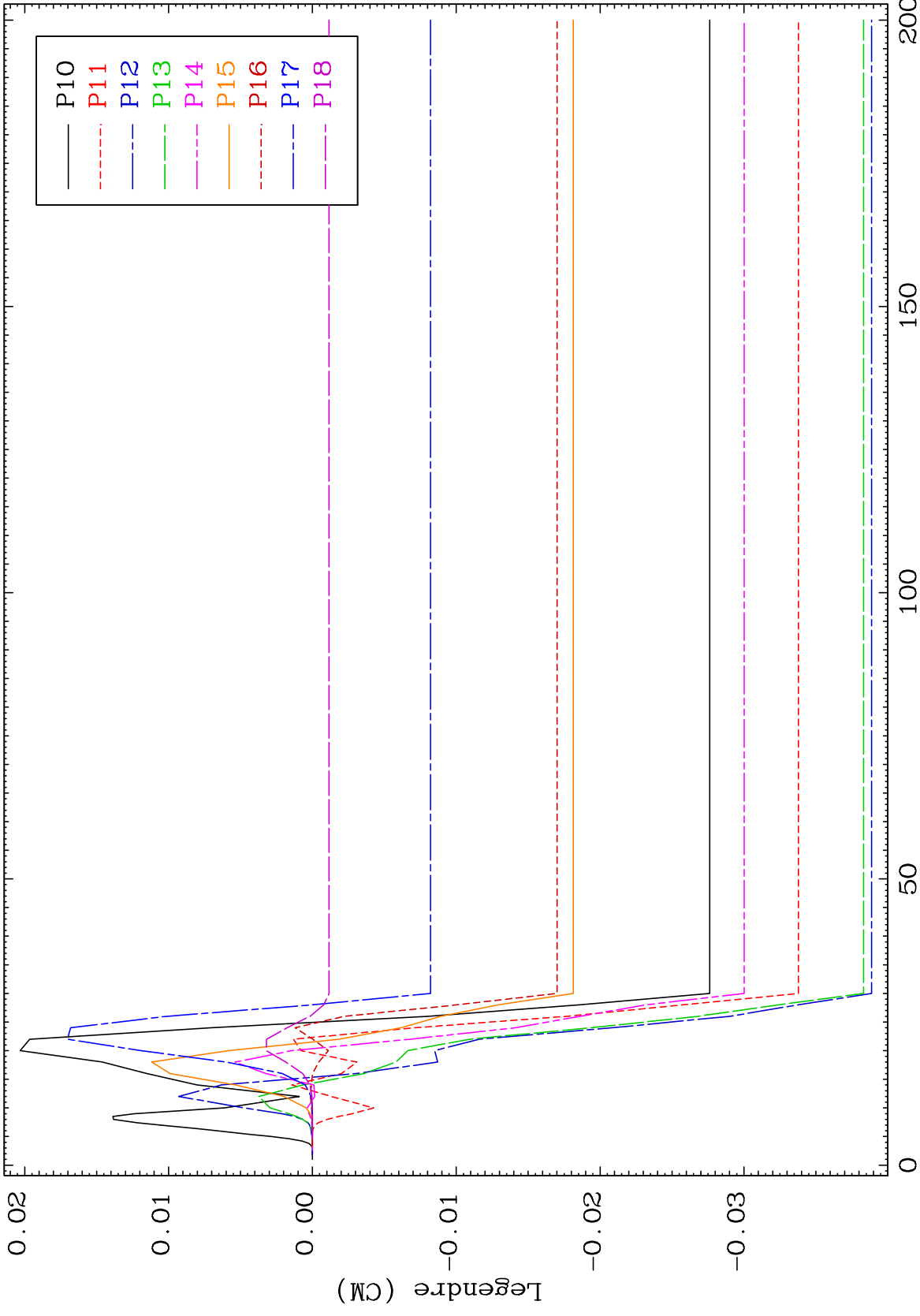




MAT 7113

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

71-Lu-171



81

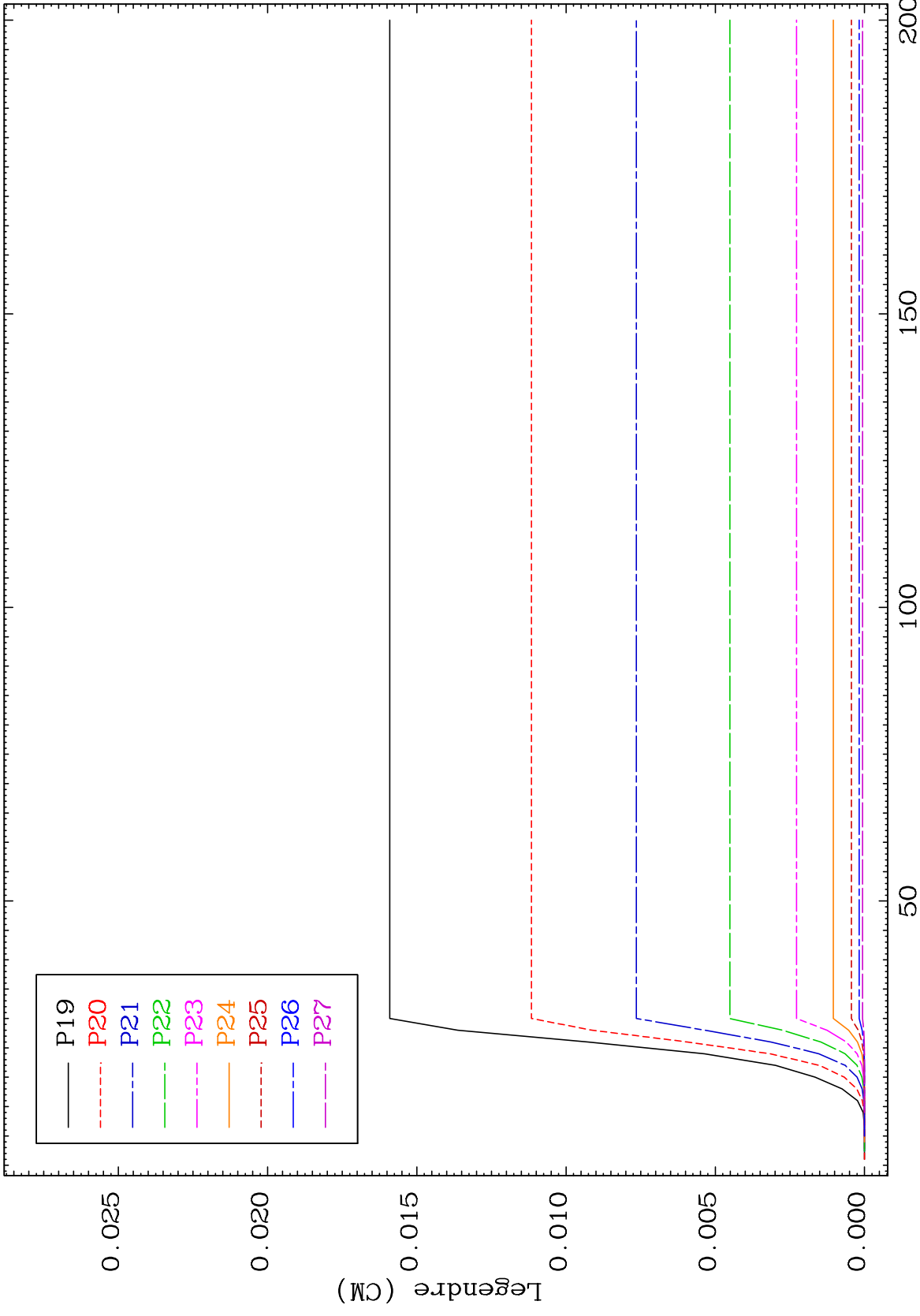
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



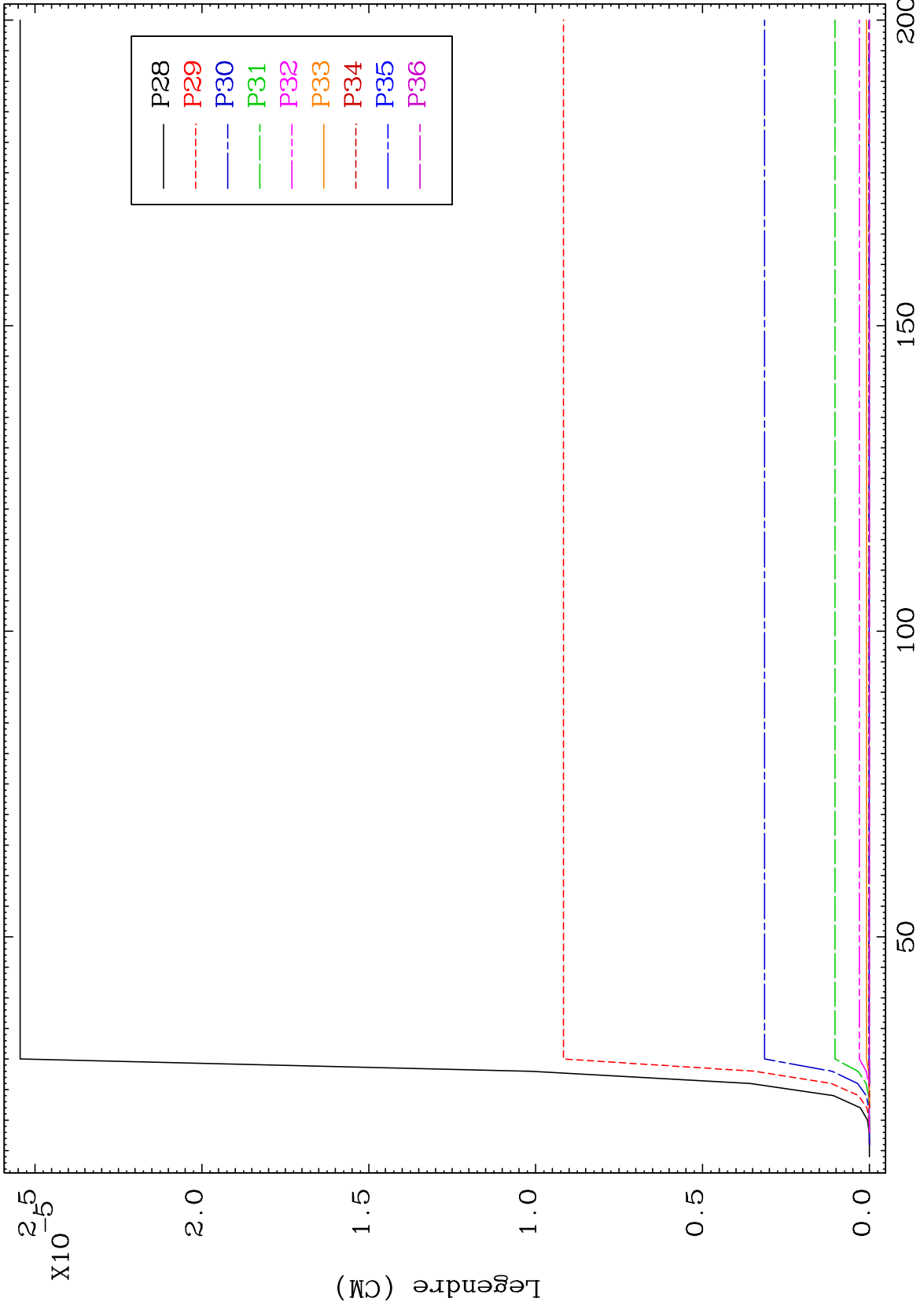
82

71-Lu-171

MAT 7113

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

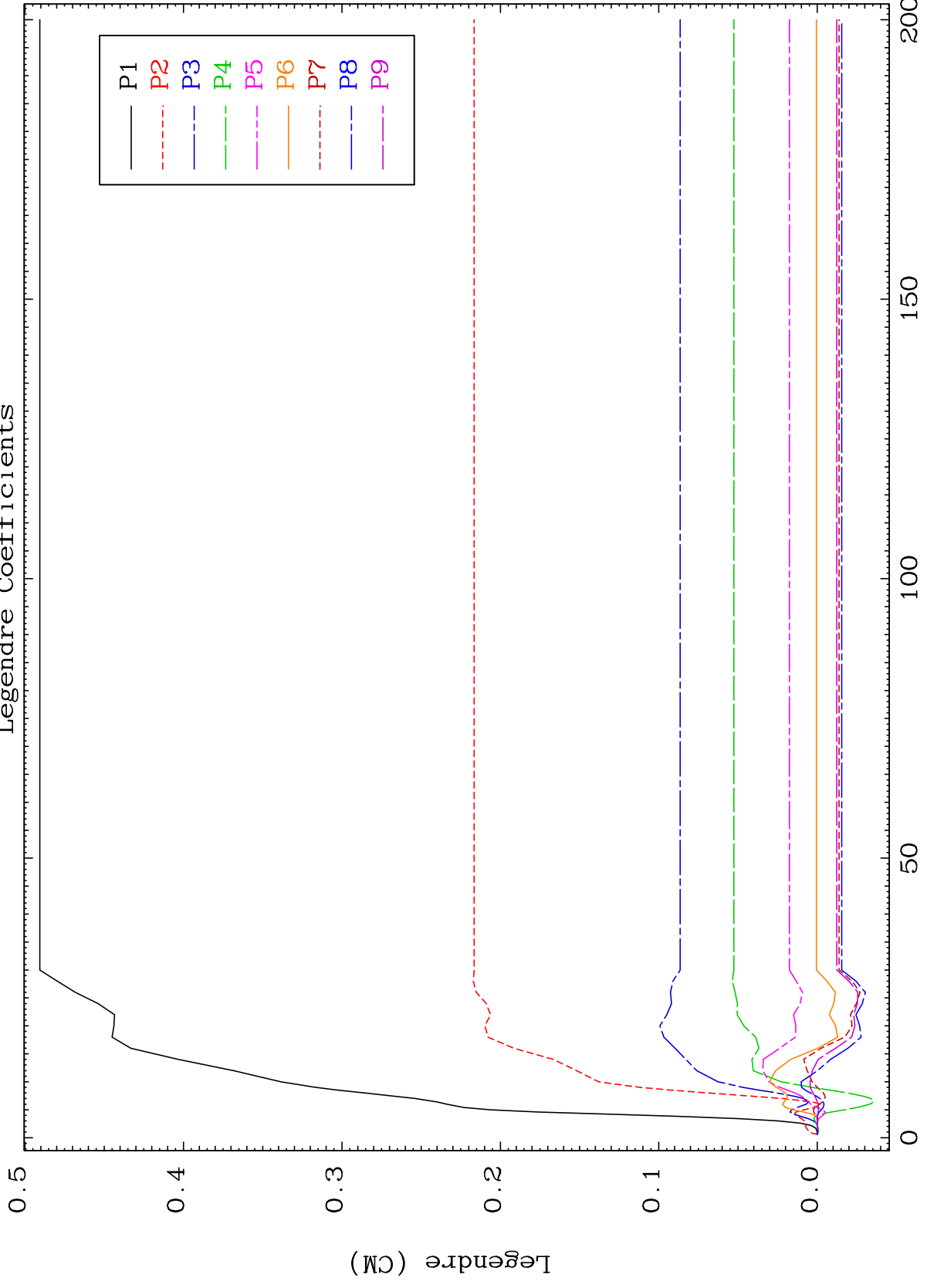
71-Lu-171



83

71-Lu-171

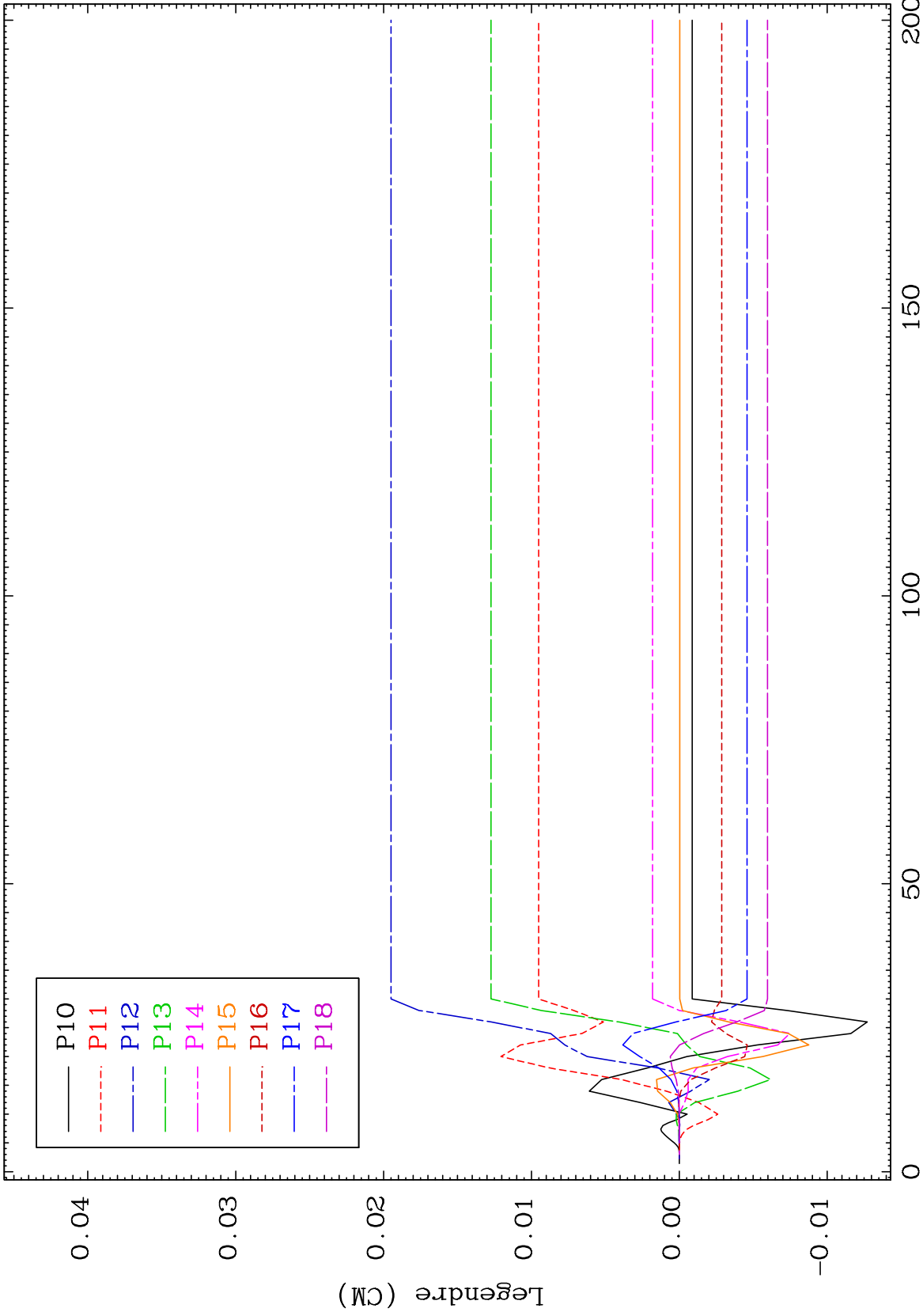
MAT 7113 MT= 67 (n,n') Level Legendre Coefficients 71-Lu-171



MAT 7113

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

71-Lu-171



85

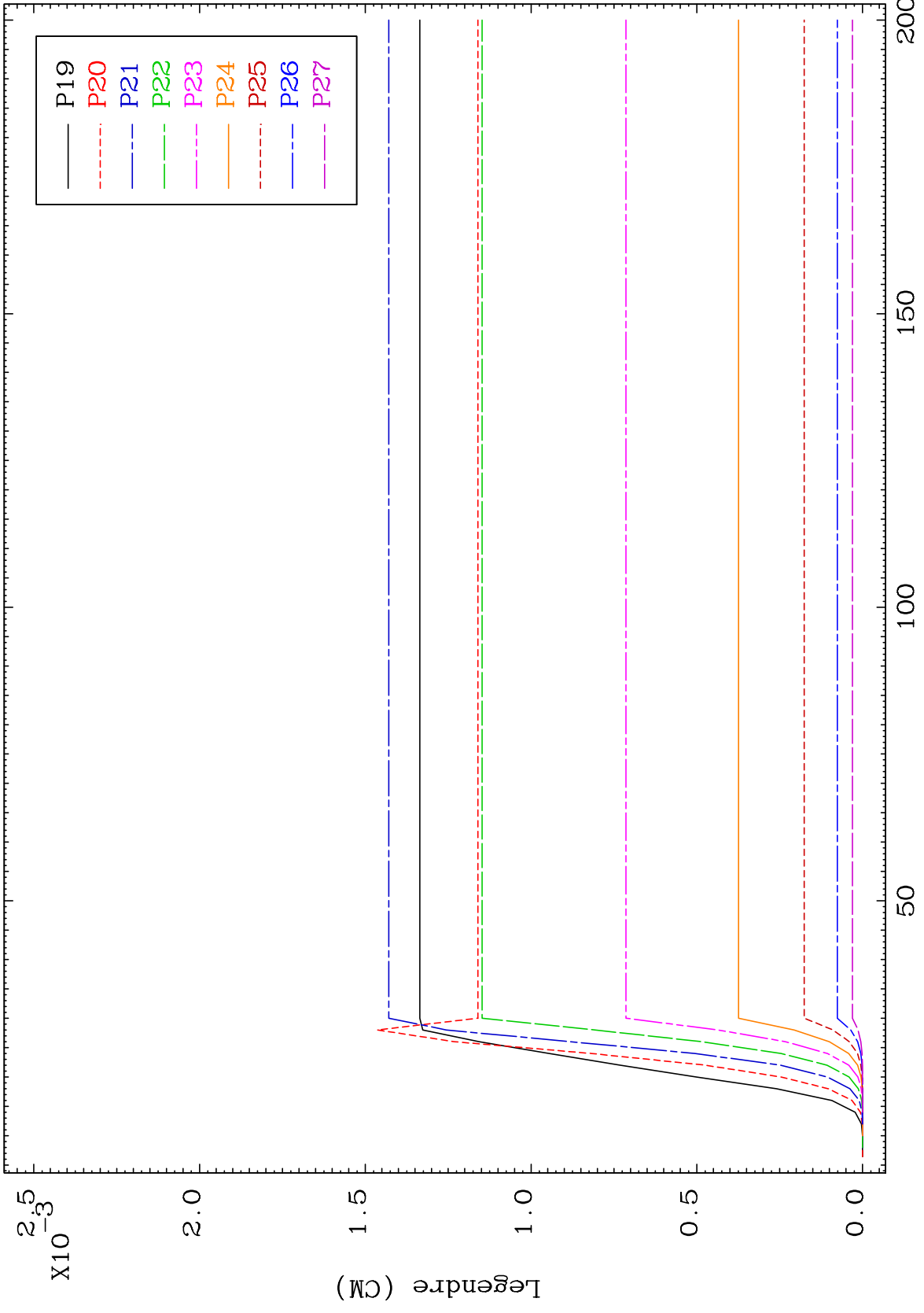
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



86

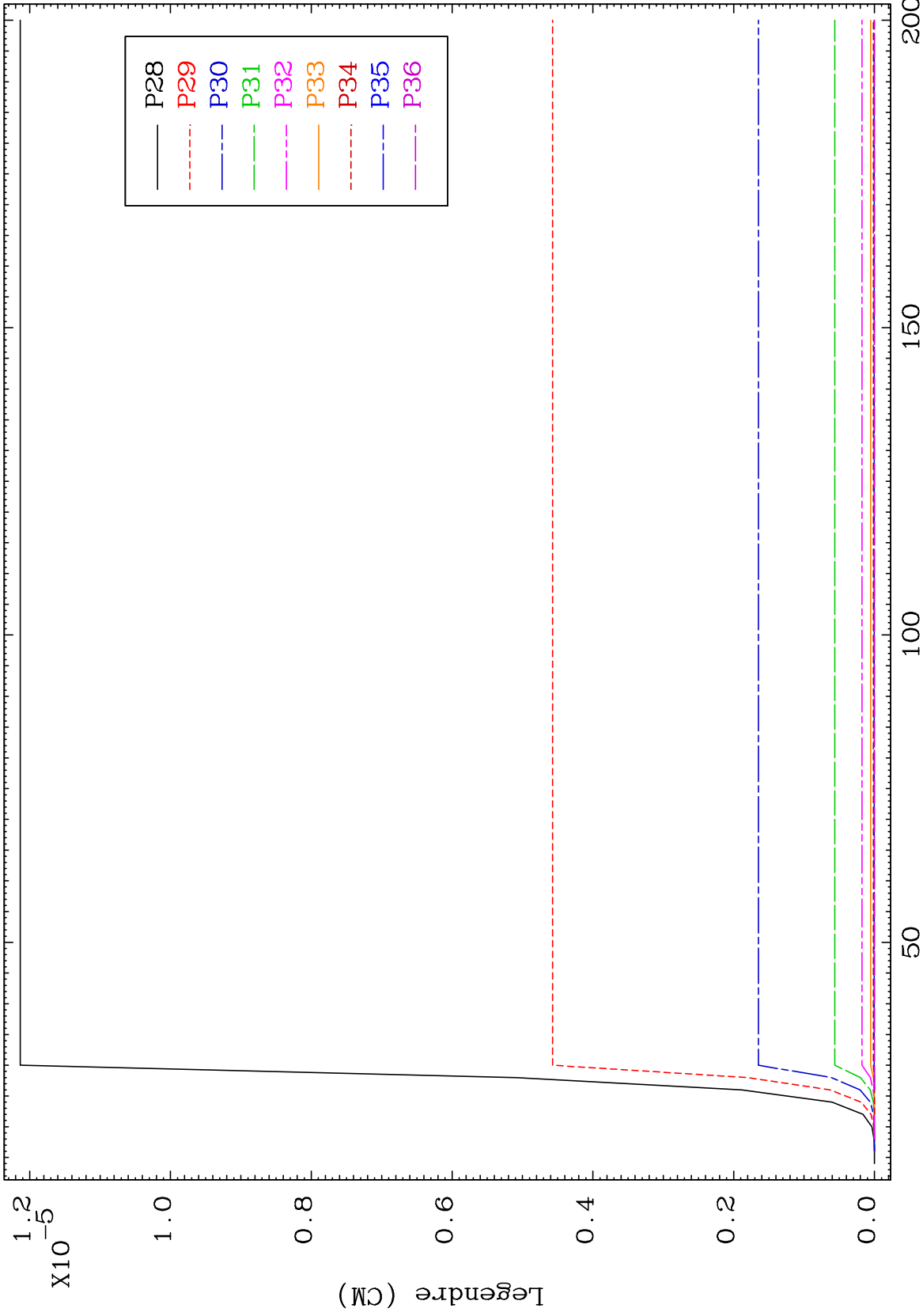
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



87

Incident Energy (MeV)

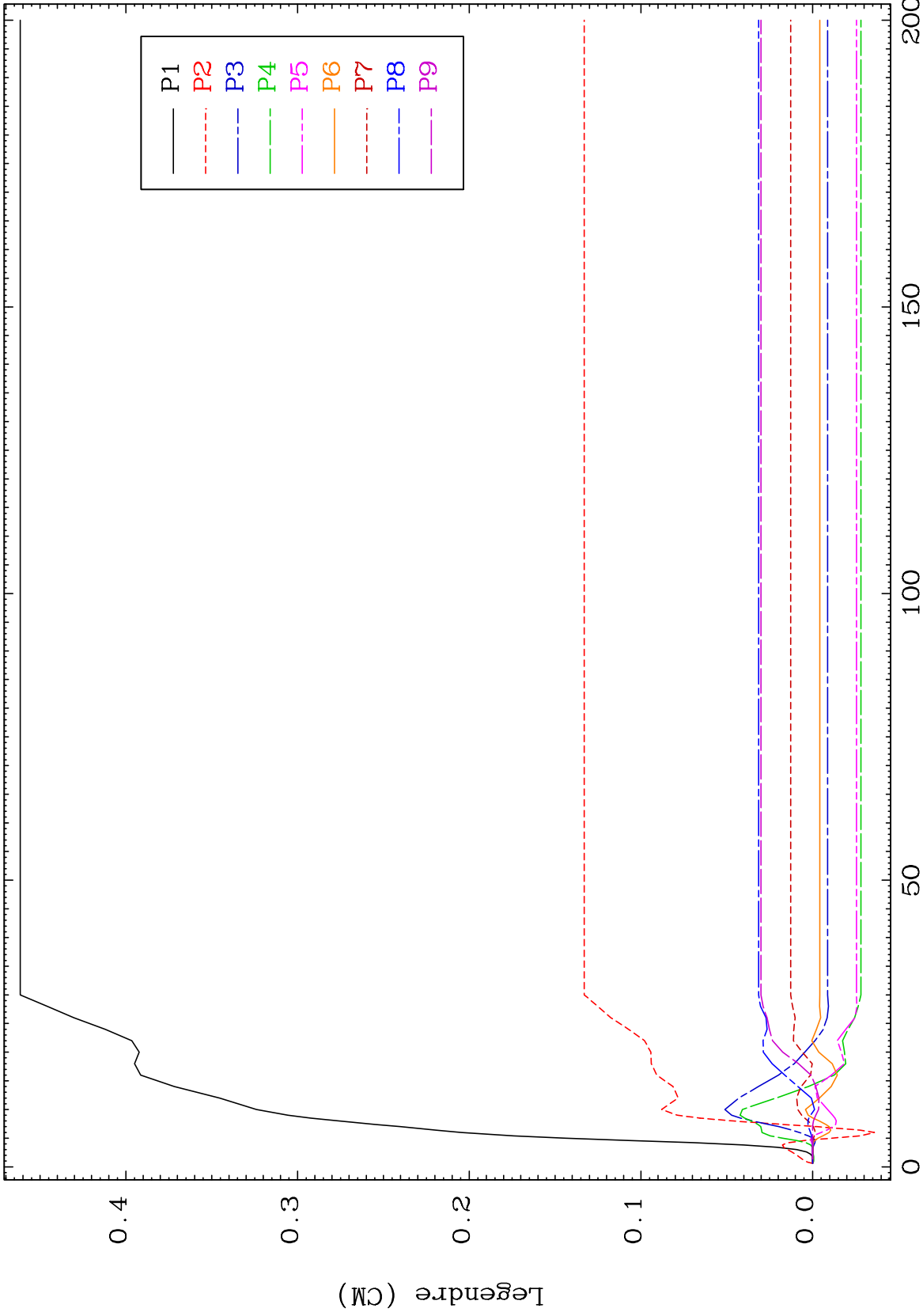
71-Lu-171



MAT 7113

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

71-Lu-171



88

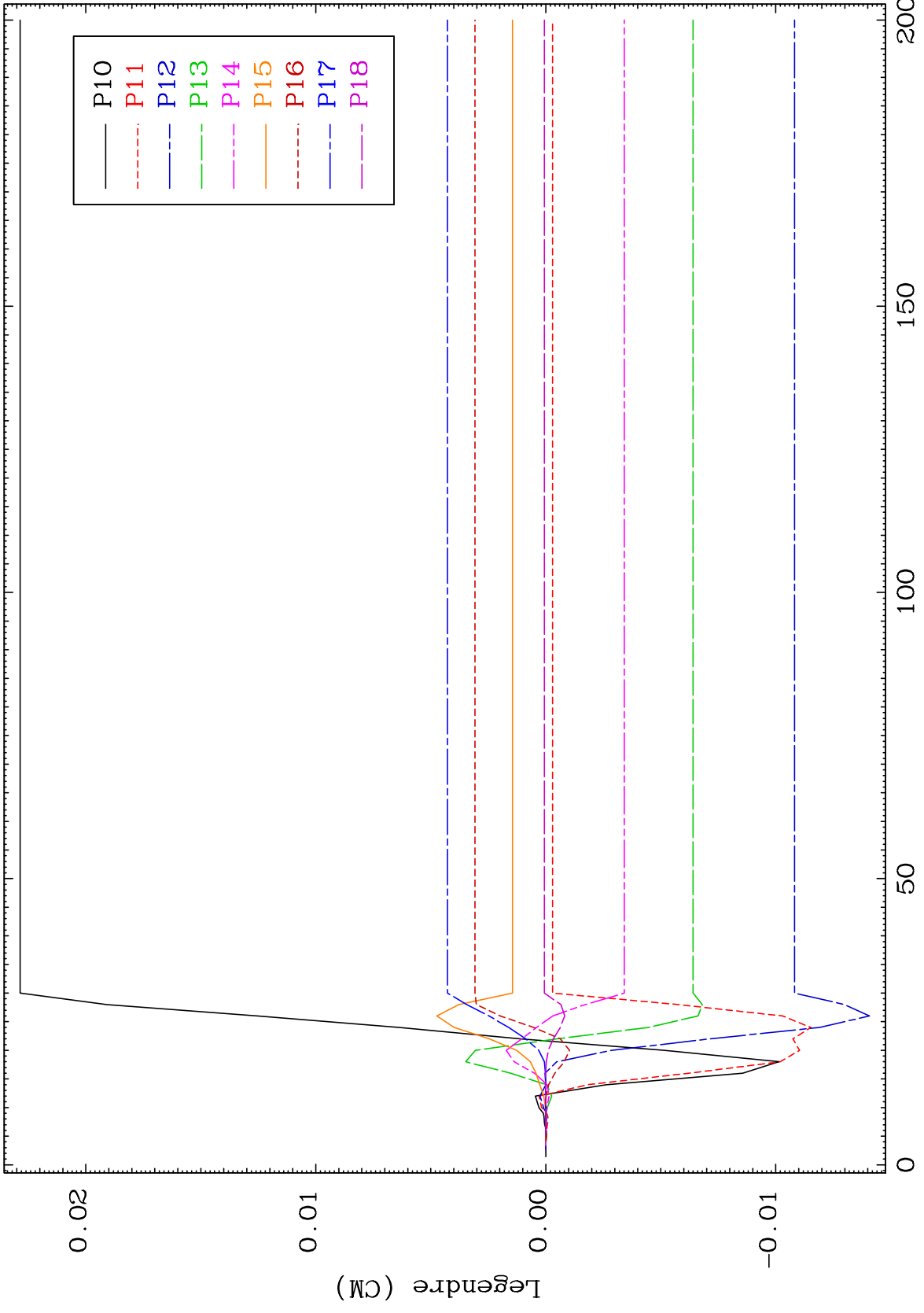
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



89

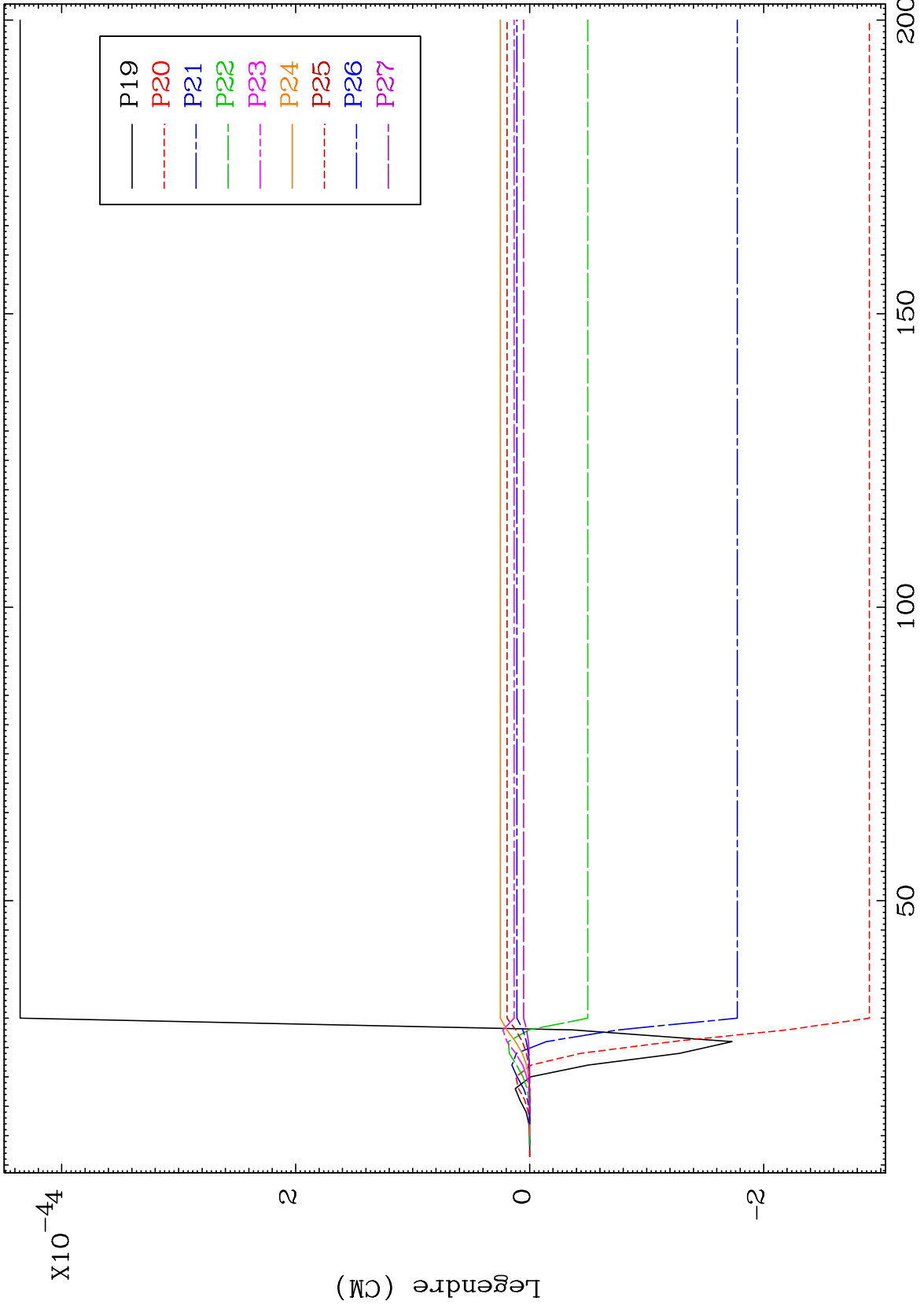
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



90

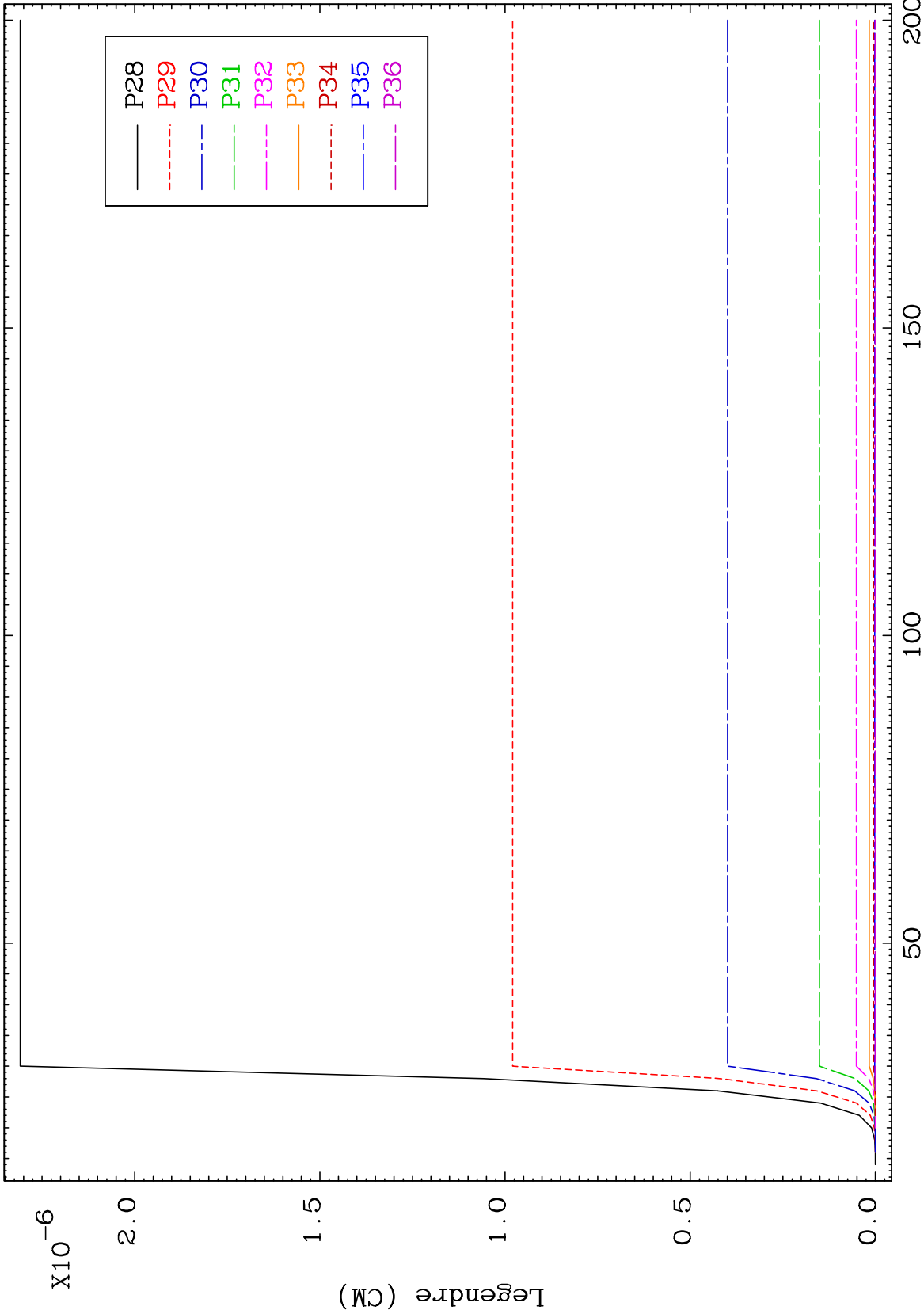
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

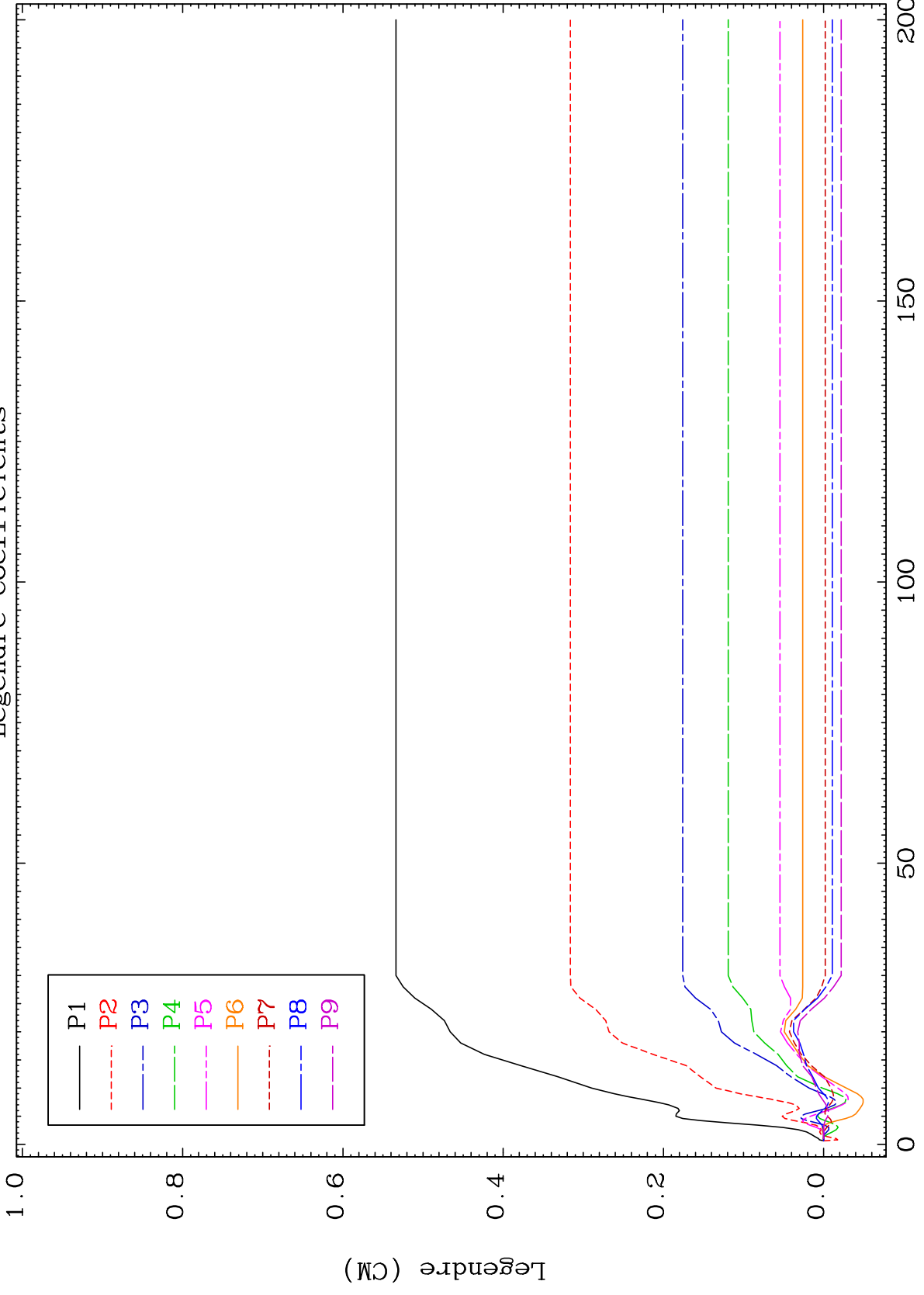
71-Lu-171



91

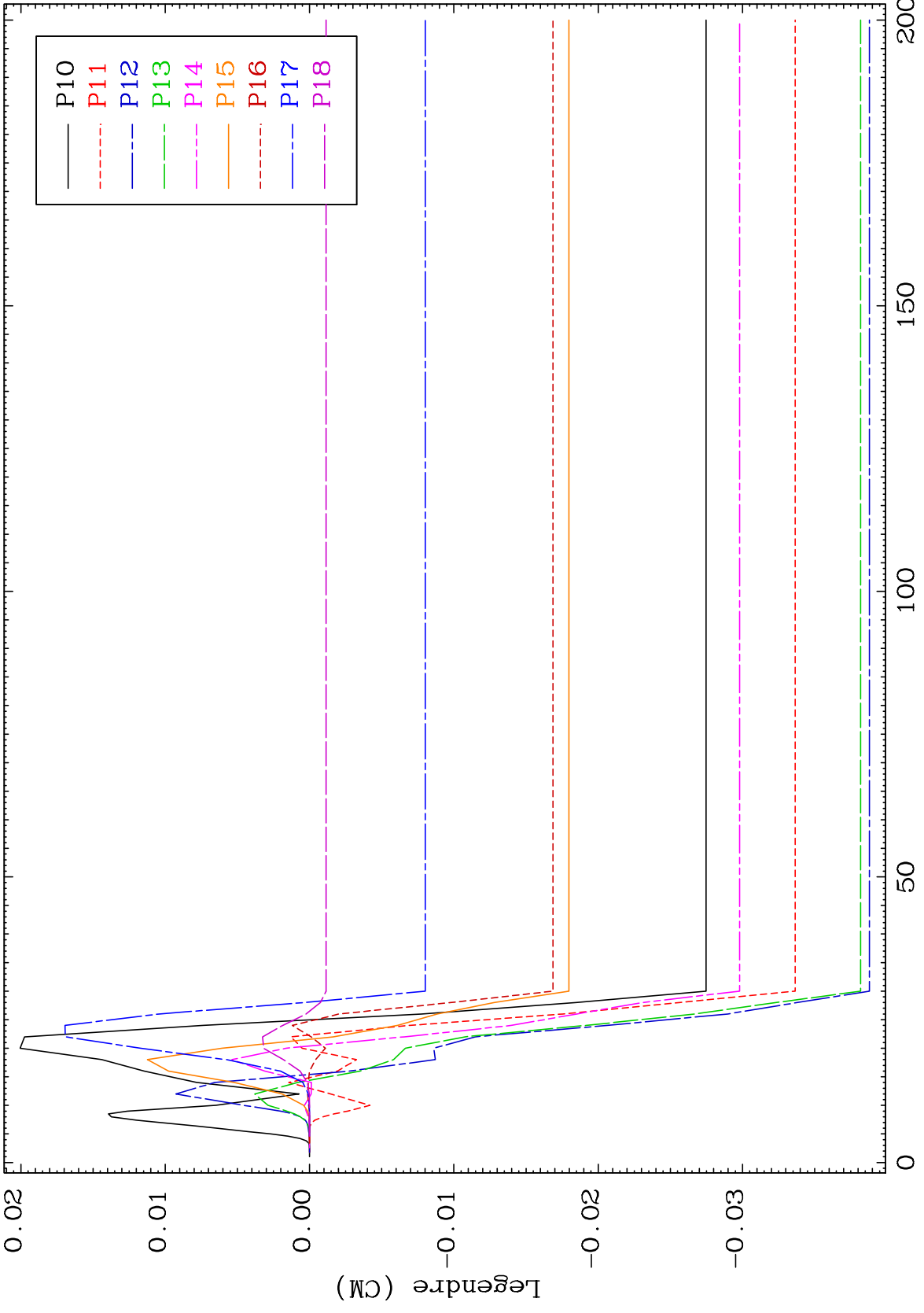
71-Lu-171

MAT 7113 MT= 69 (n,n') Level Legendre Coefficients 71-Lu-171



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MAT 7113 MT= 69 (n,n') Level Legendre Coefficients 71-Lu-171

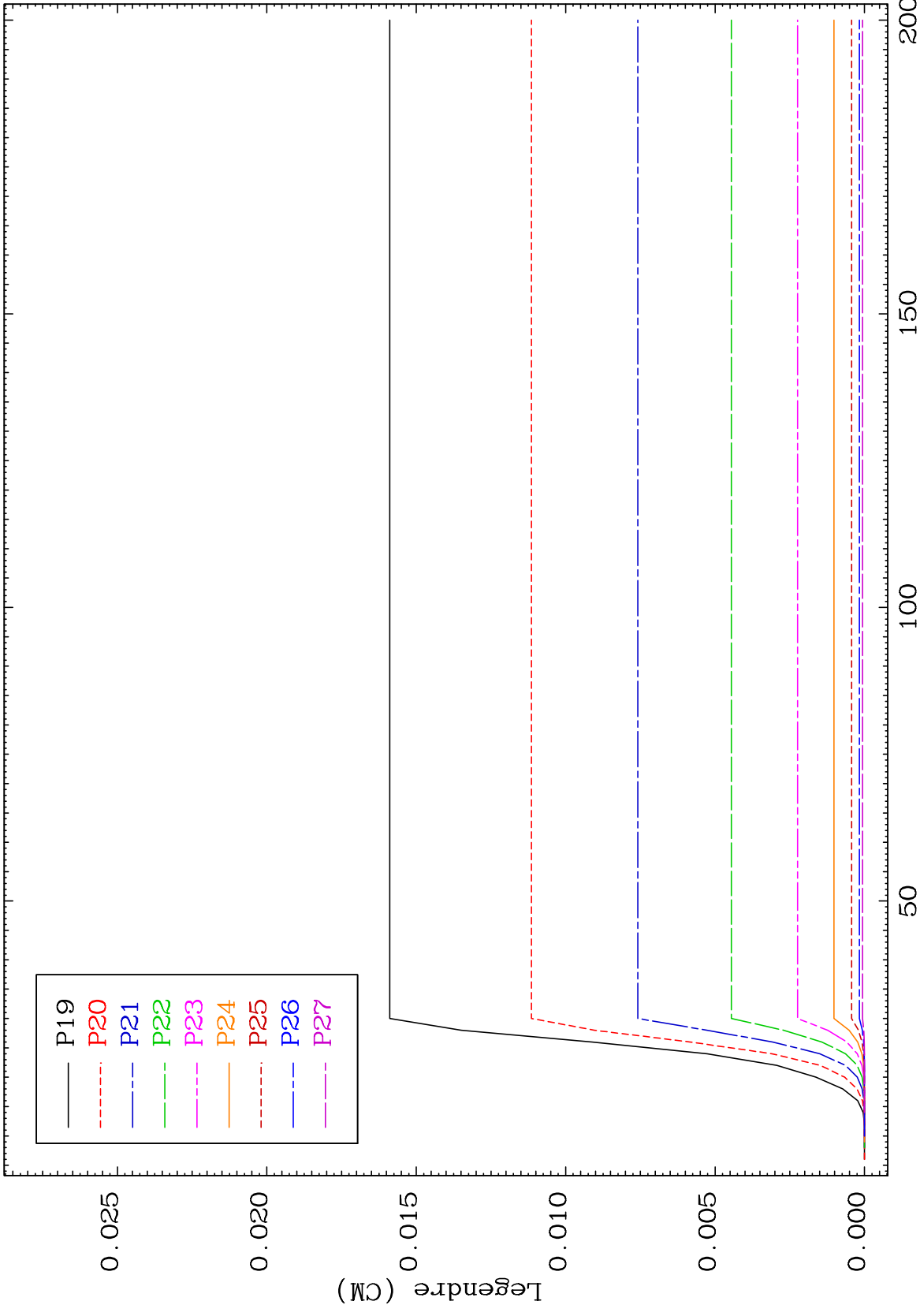


93 71-Lu-171

MAT 7113

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

71-Lu-171

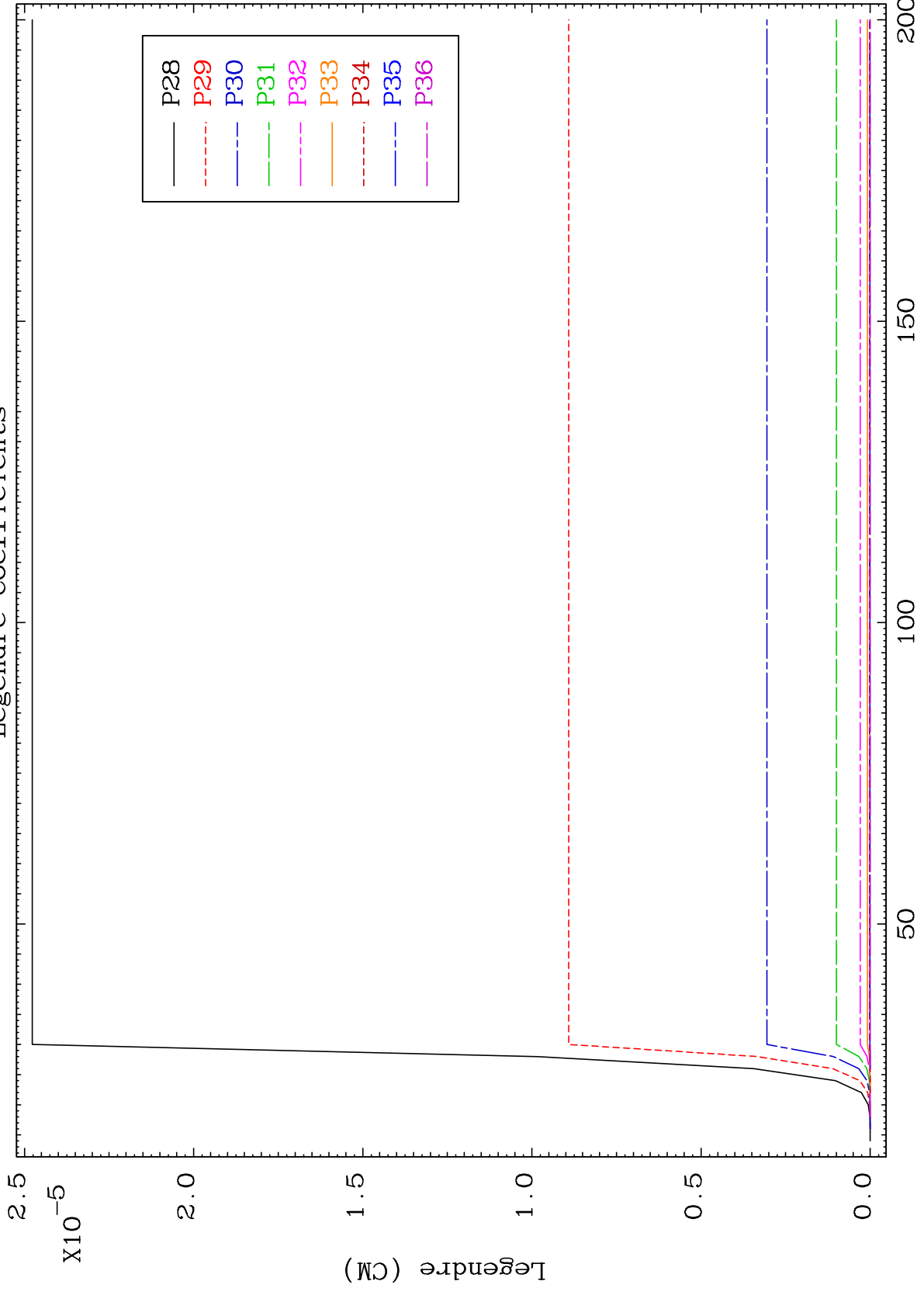


94

Incident Energy (MeV)

71-Lu-171

MAT 7113 MT= 69 (n,n') Level Legendre Coefficients 71-Lu-171



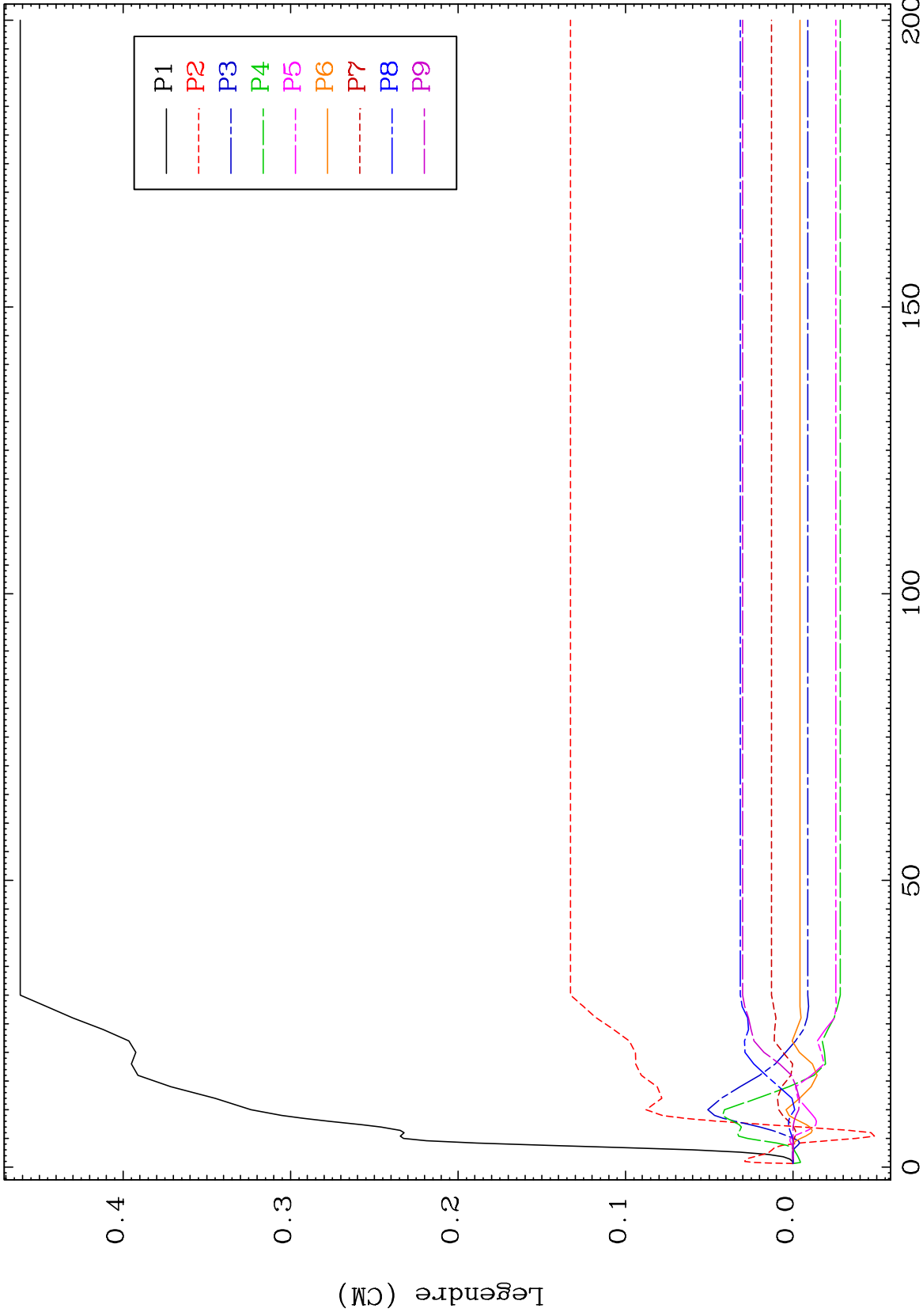
95 50 100 150 200 Incident Energy (MeV) 71-Lu-171



MAT 7113

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

71-Lu-171



96

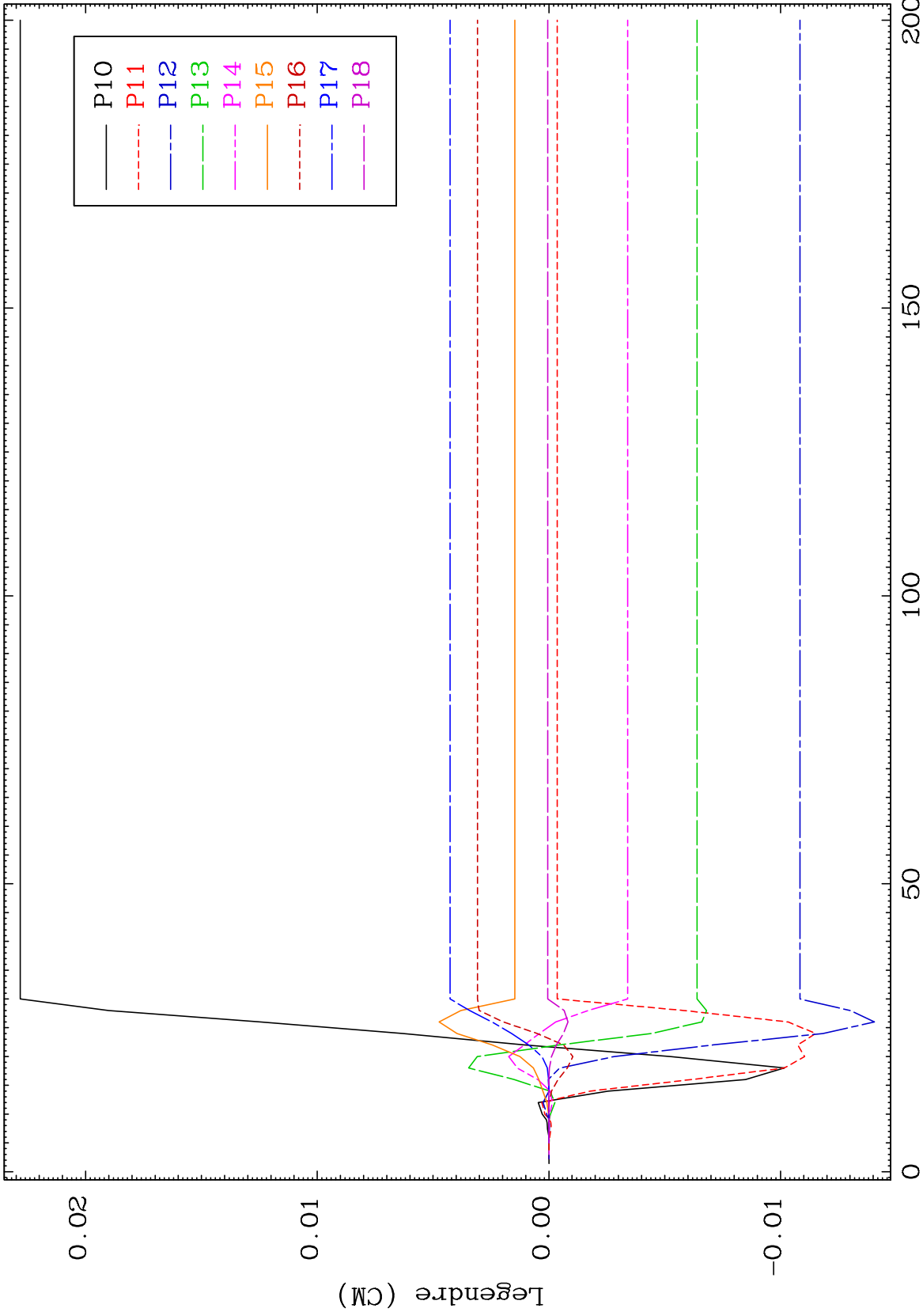
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



97

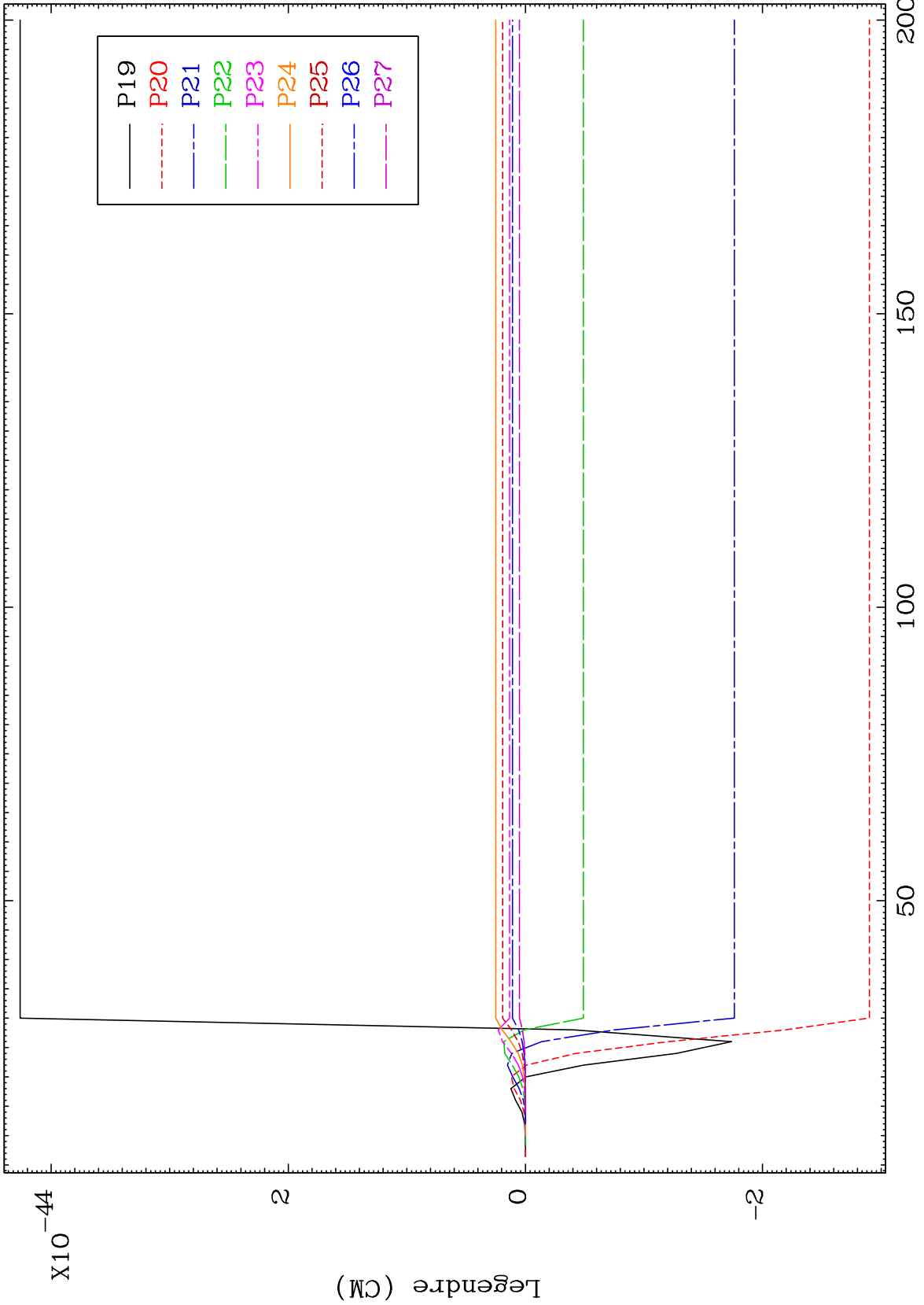
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



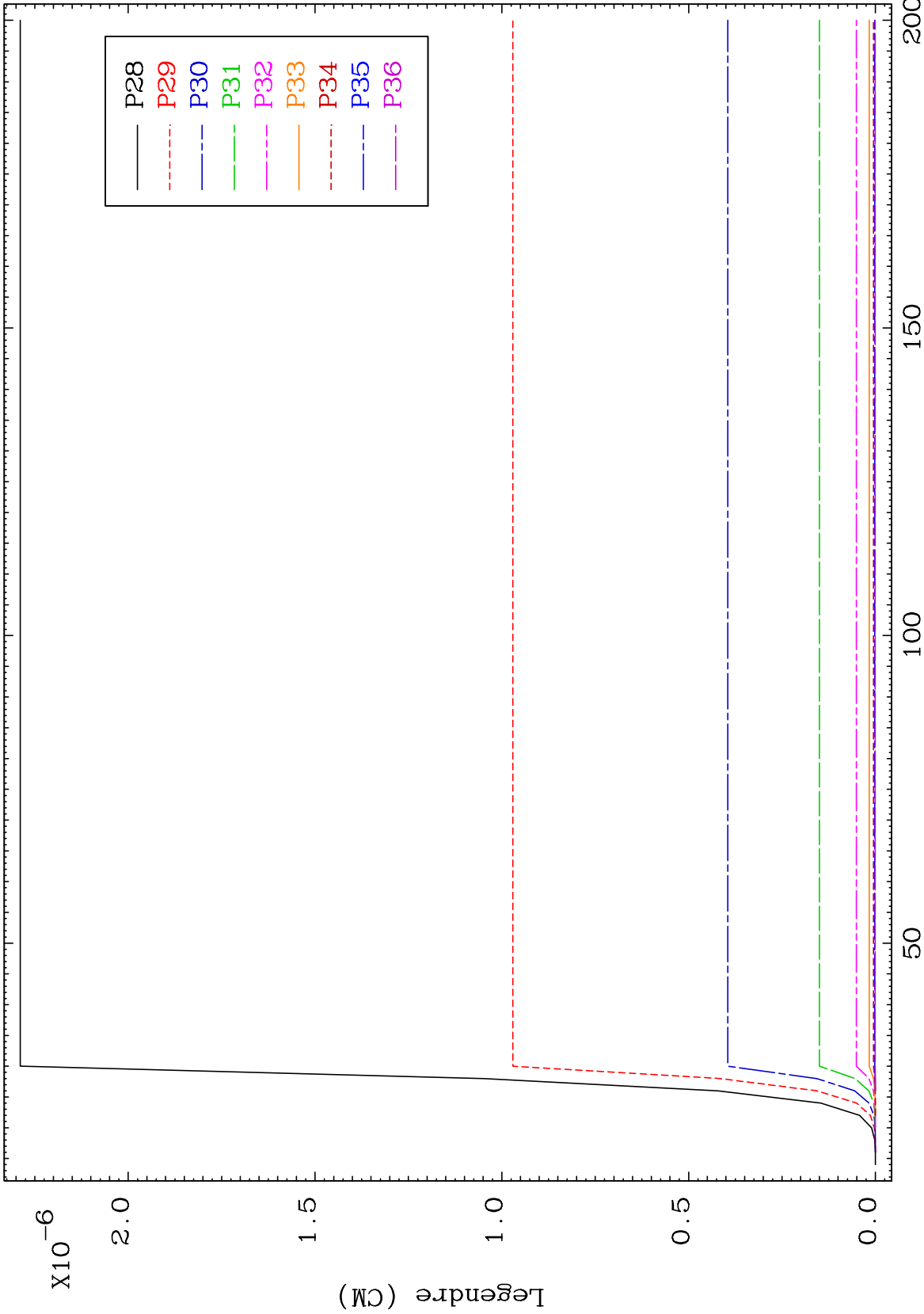
98

71-Lu-171

MAT 7113

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

71-Lu-171



99

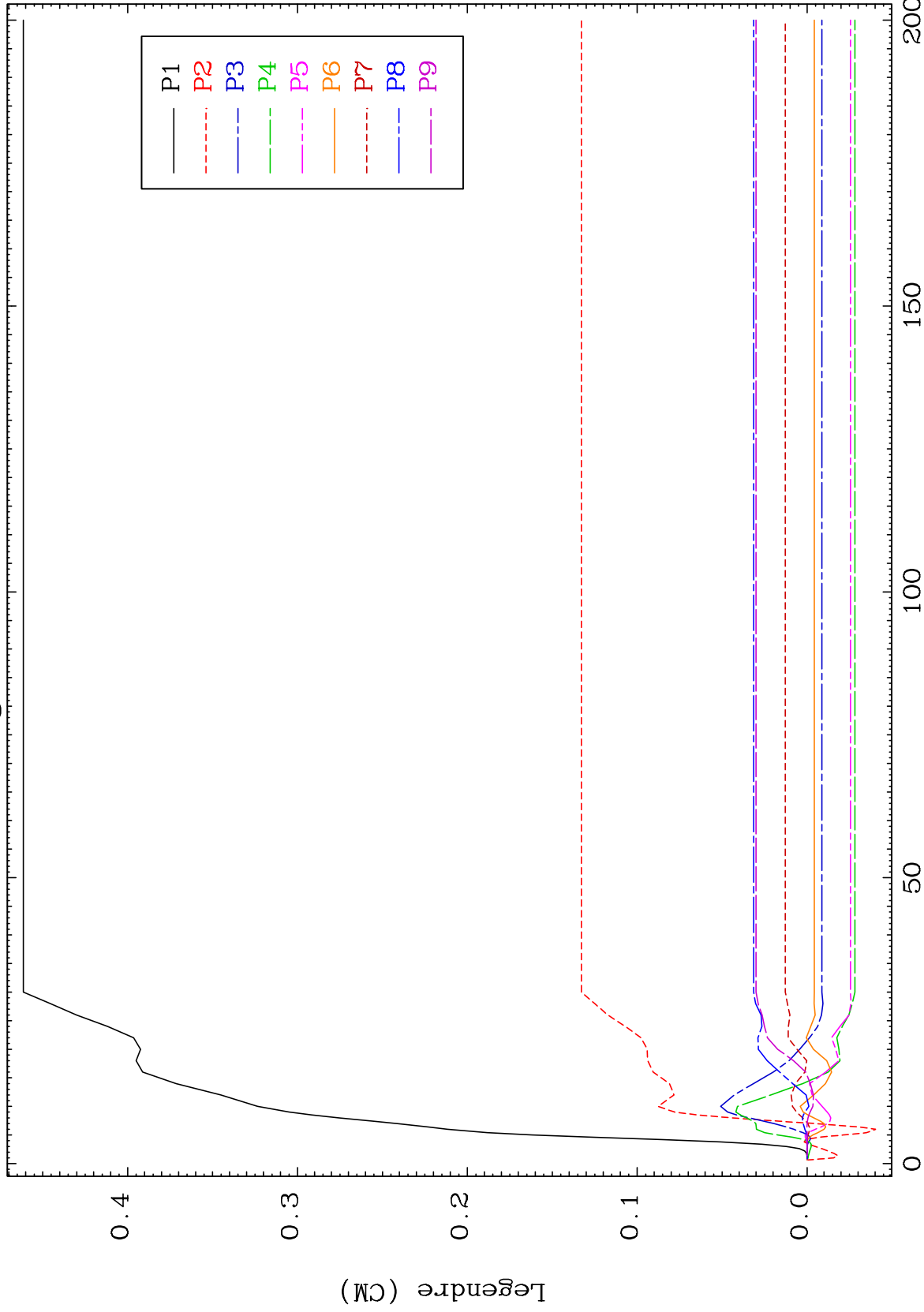
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

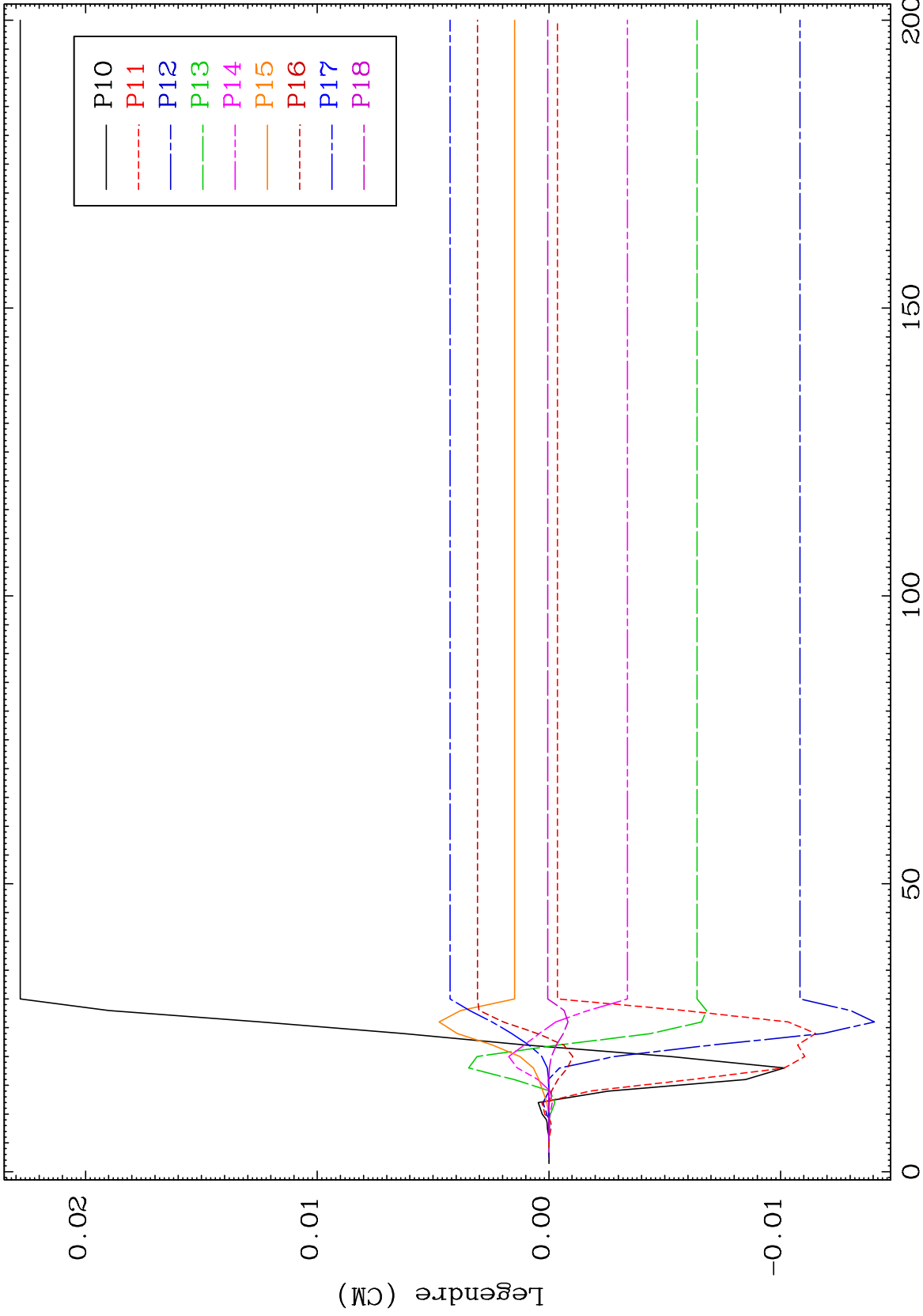
Incident Energy (MeV)

100

MAT 7113

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

71-Lu-171



101

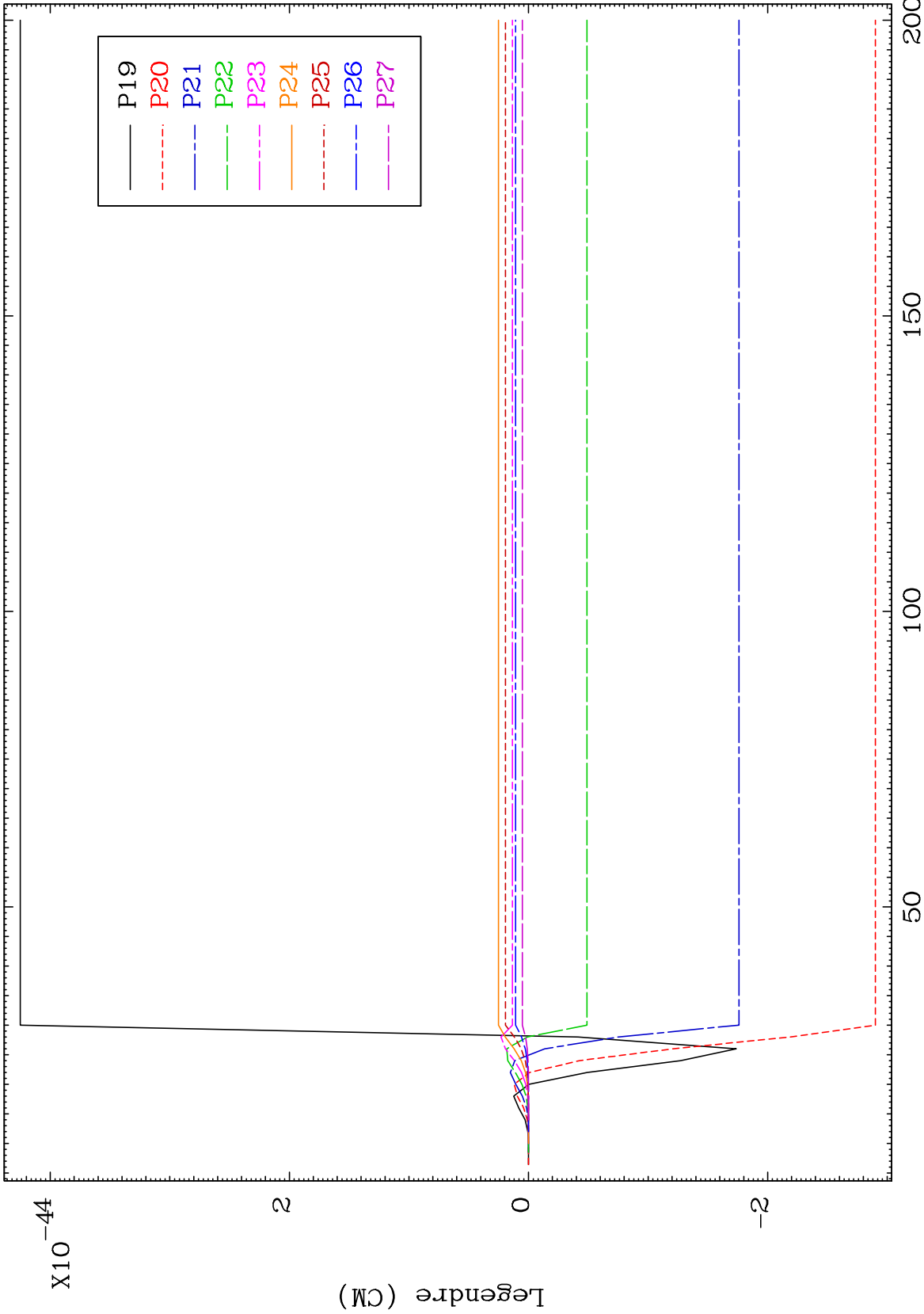
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



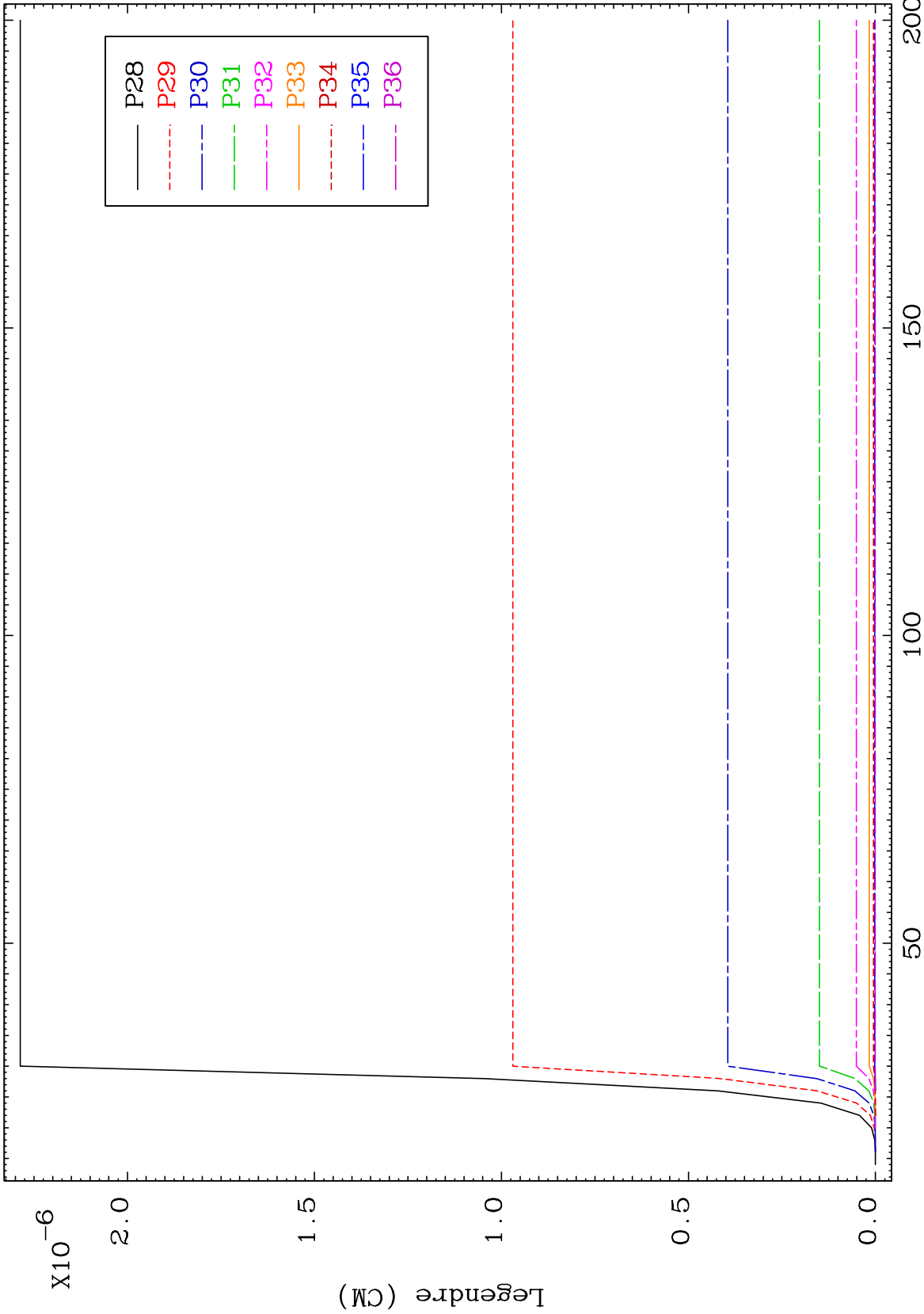
102

71-Lu-171

MAT 7113

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

71-Lu-171

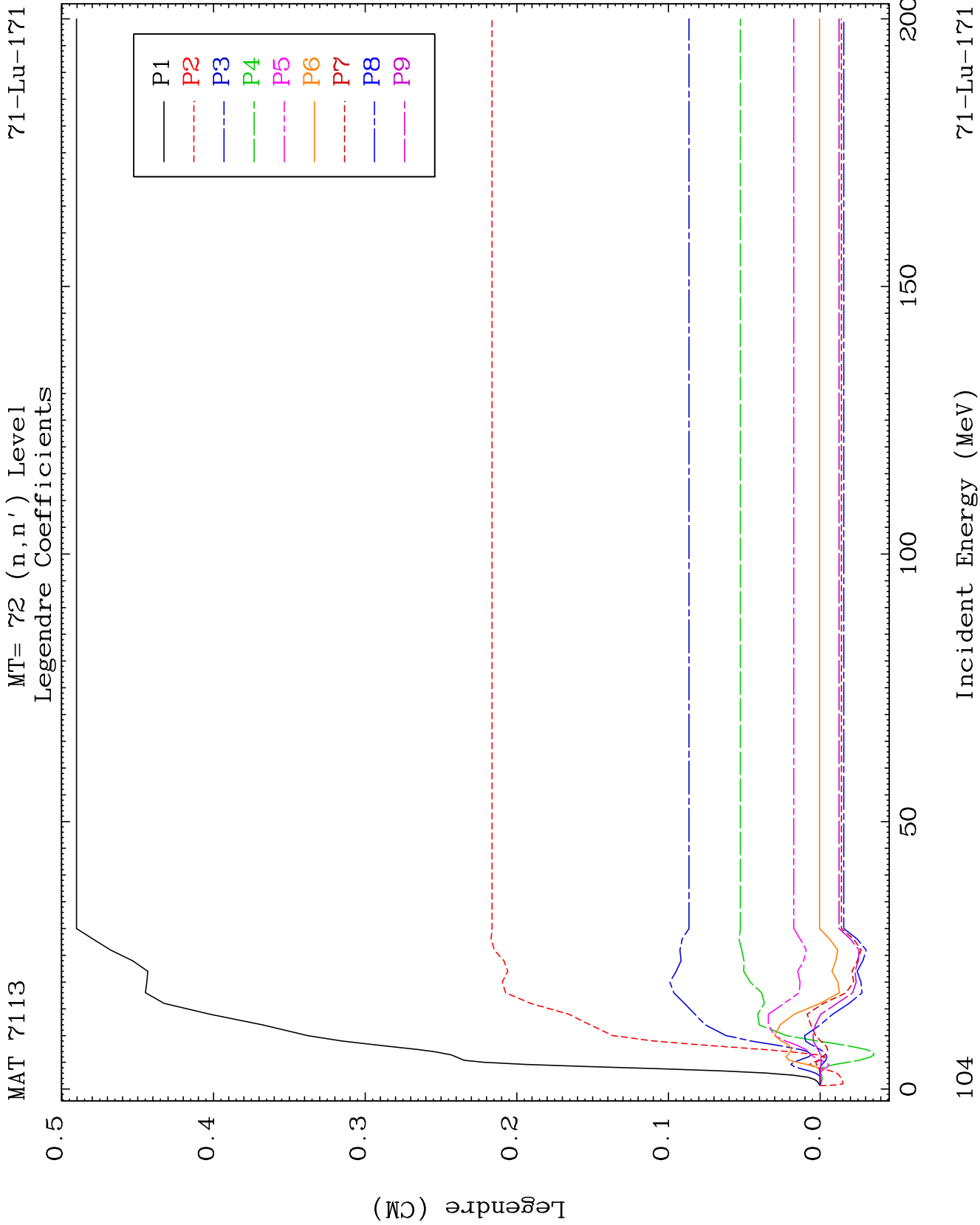


103

Incident Energy (MeV)

71-Lu-171

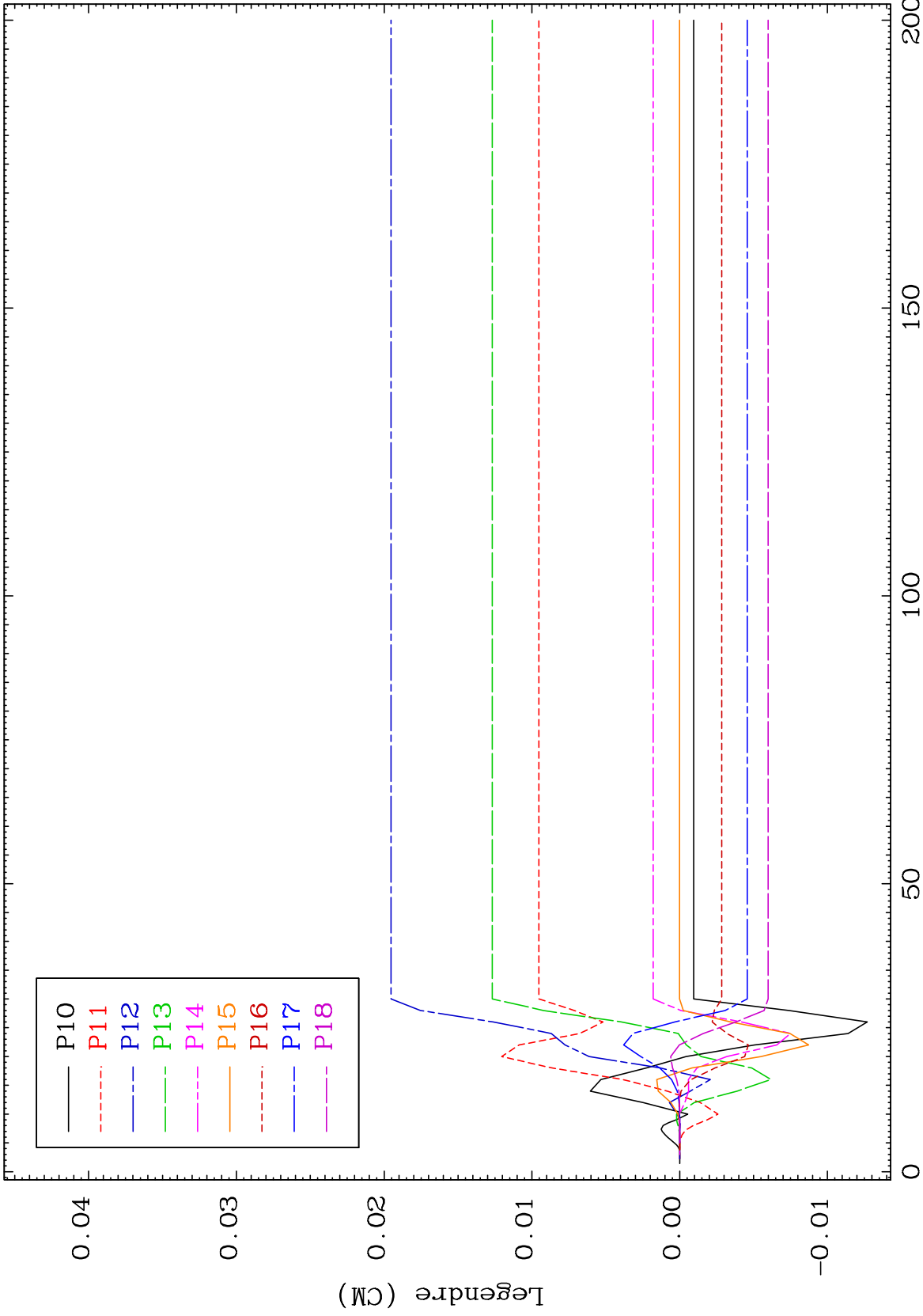




MAT 7113

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

71-Lu-171



105

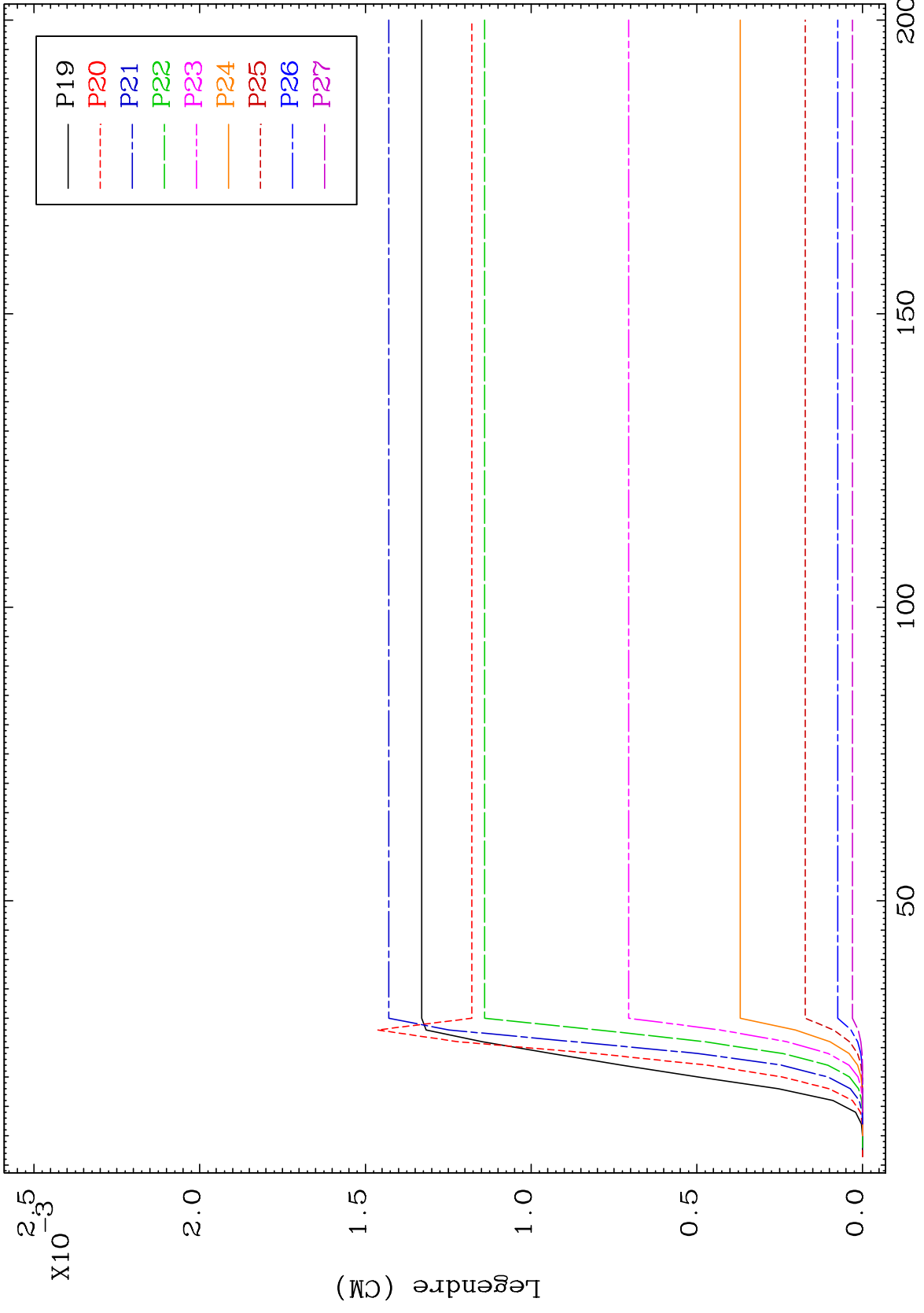
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



106

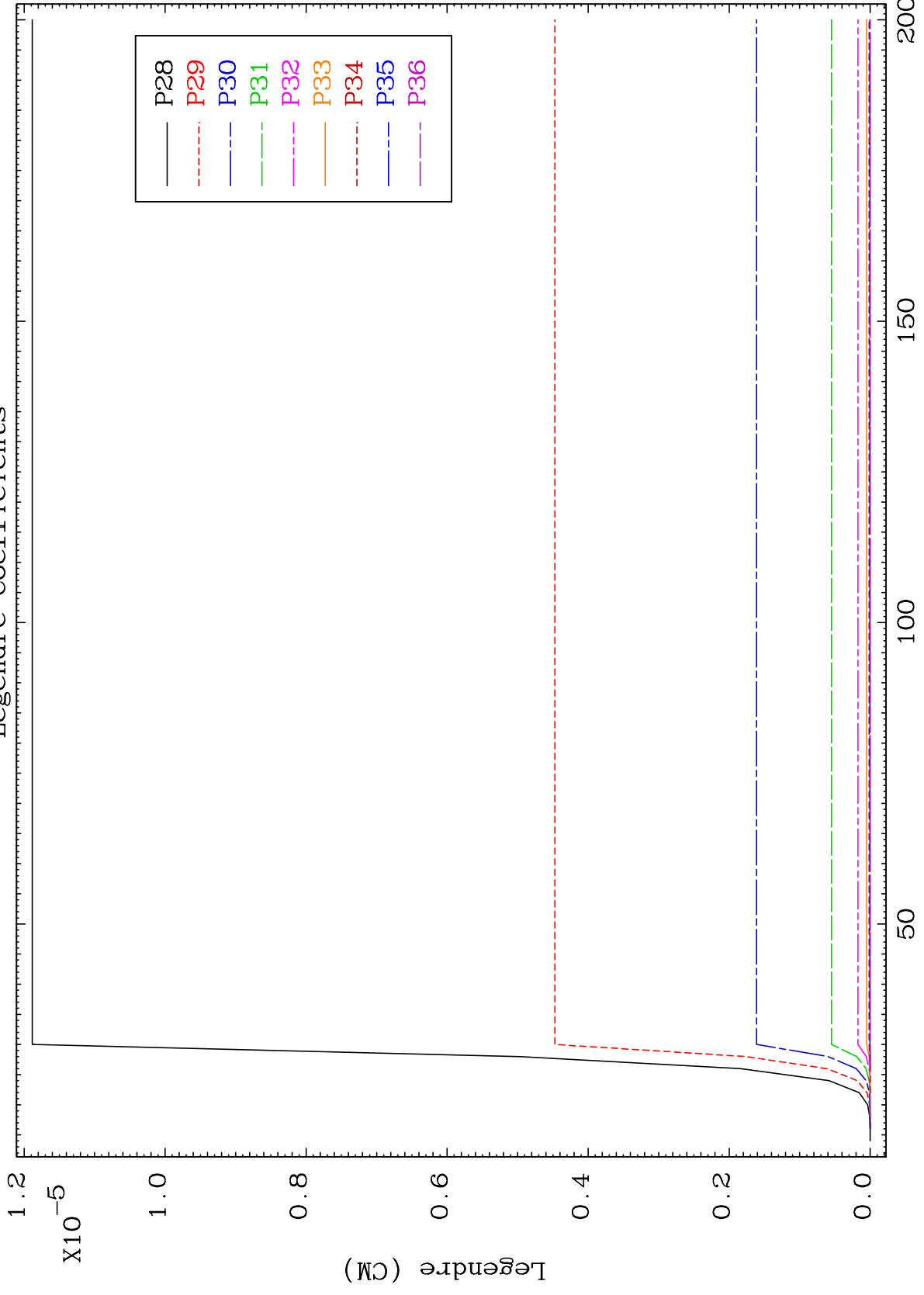
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

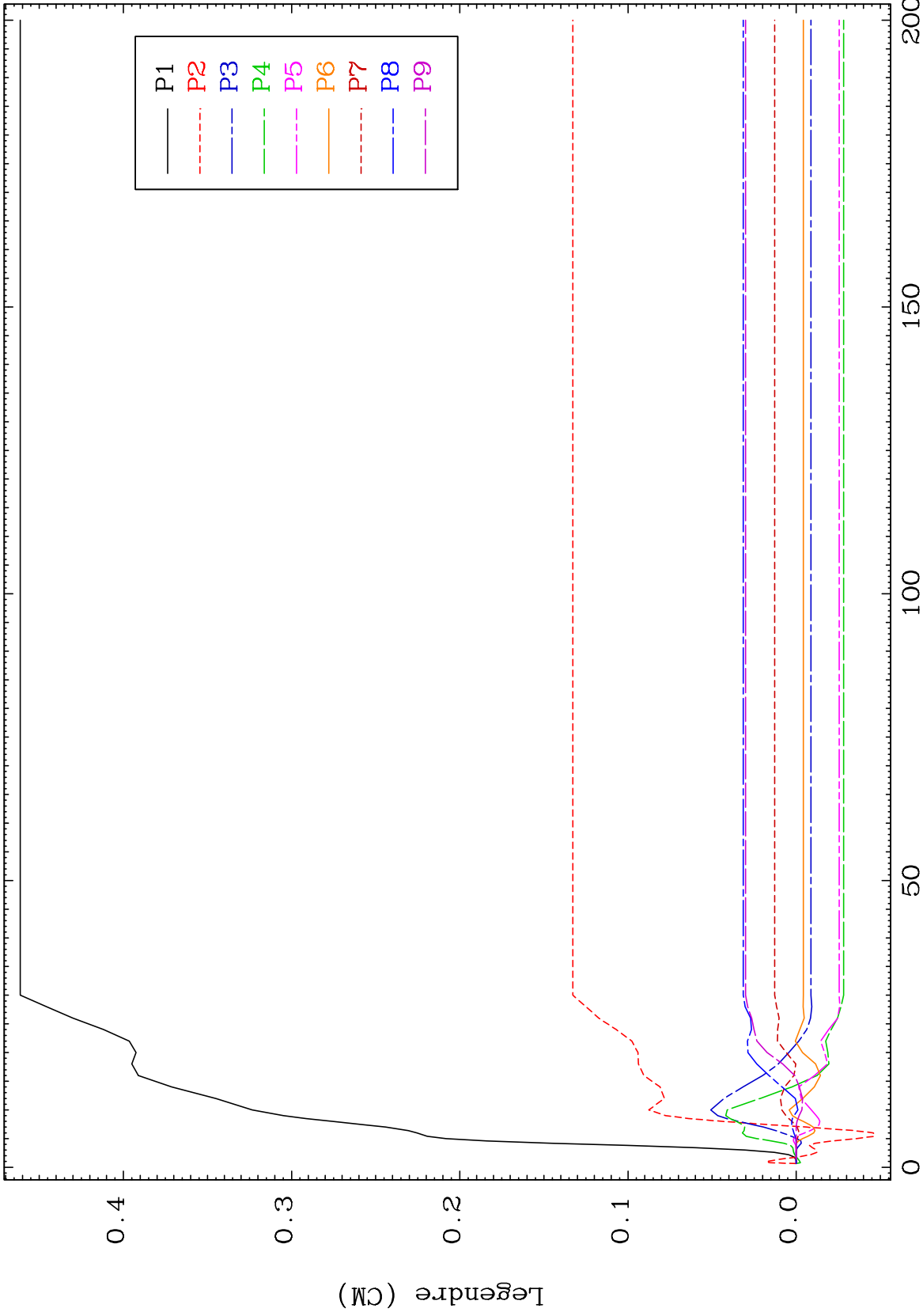
Incident Energy (MeV)

107

MAT 7113

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

71-Lu-171



71-Lu-171

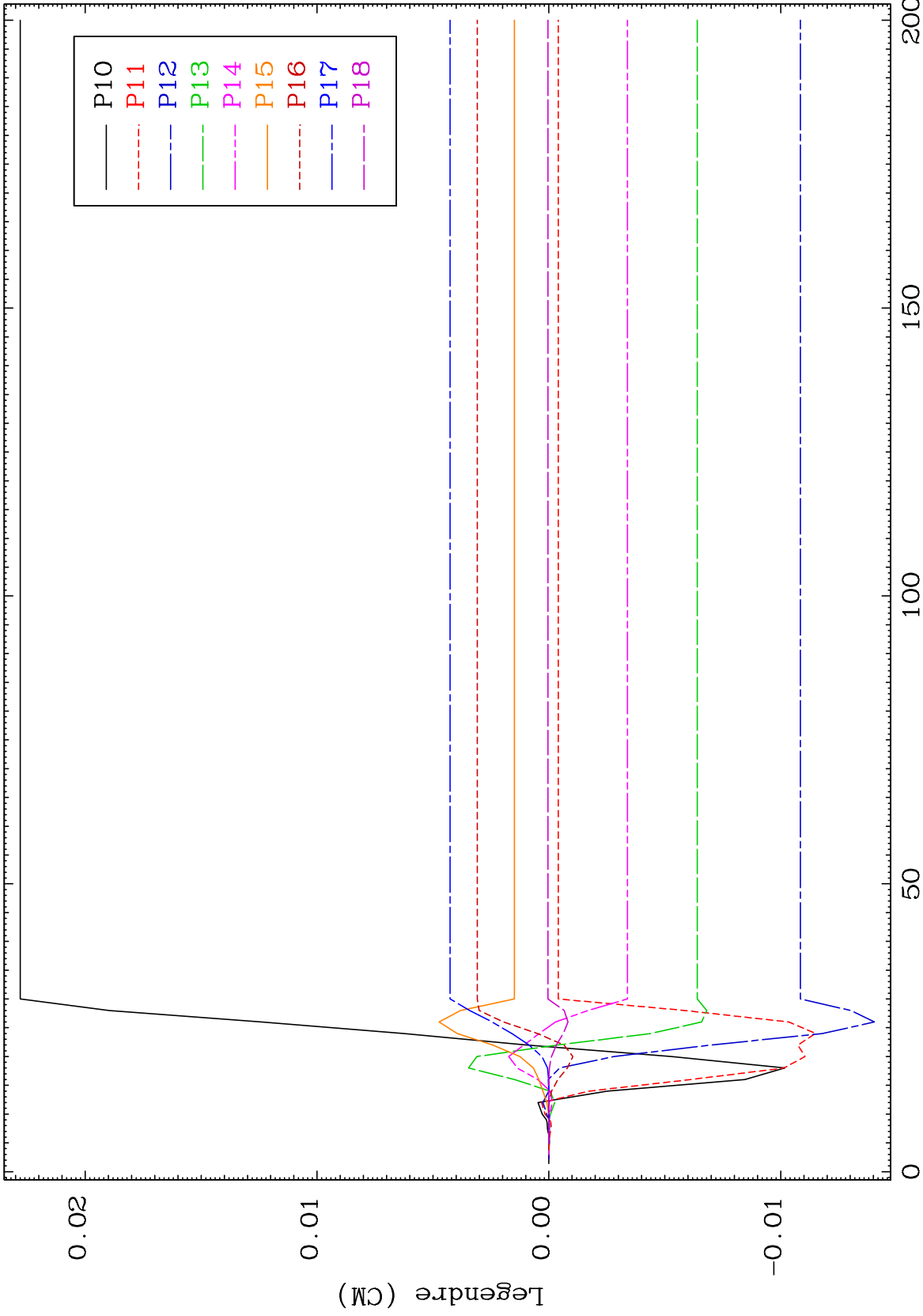
Incident Energy (MeV)

108

MAT 7113

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

71-Lu-171



109

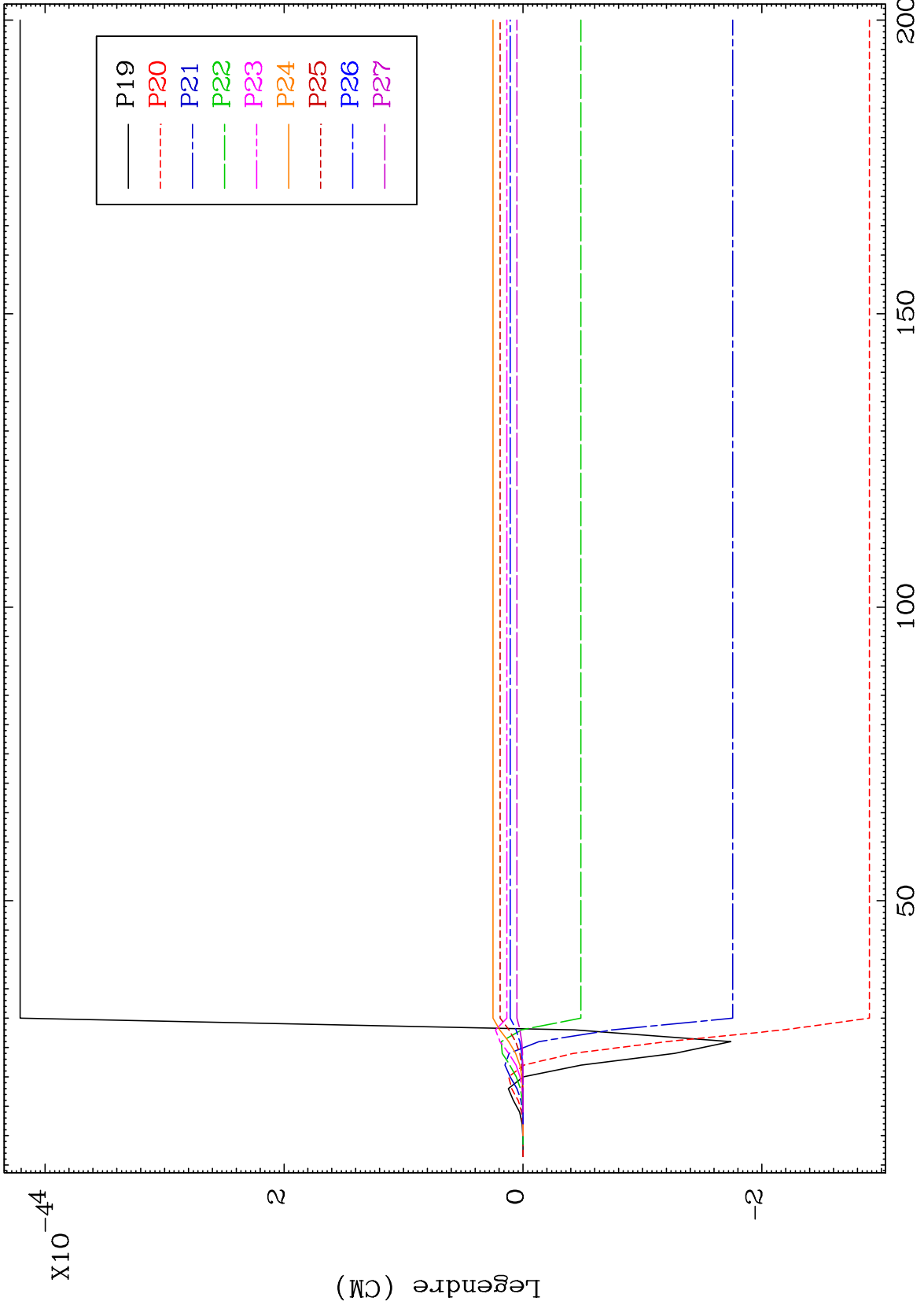
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



110

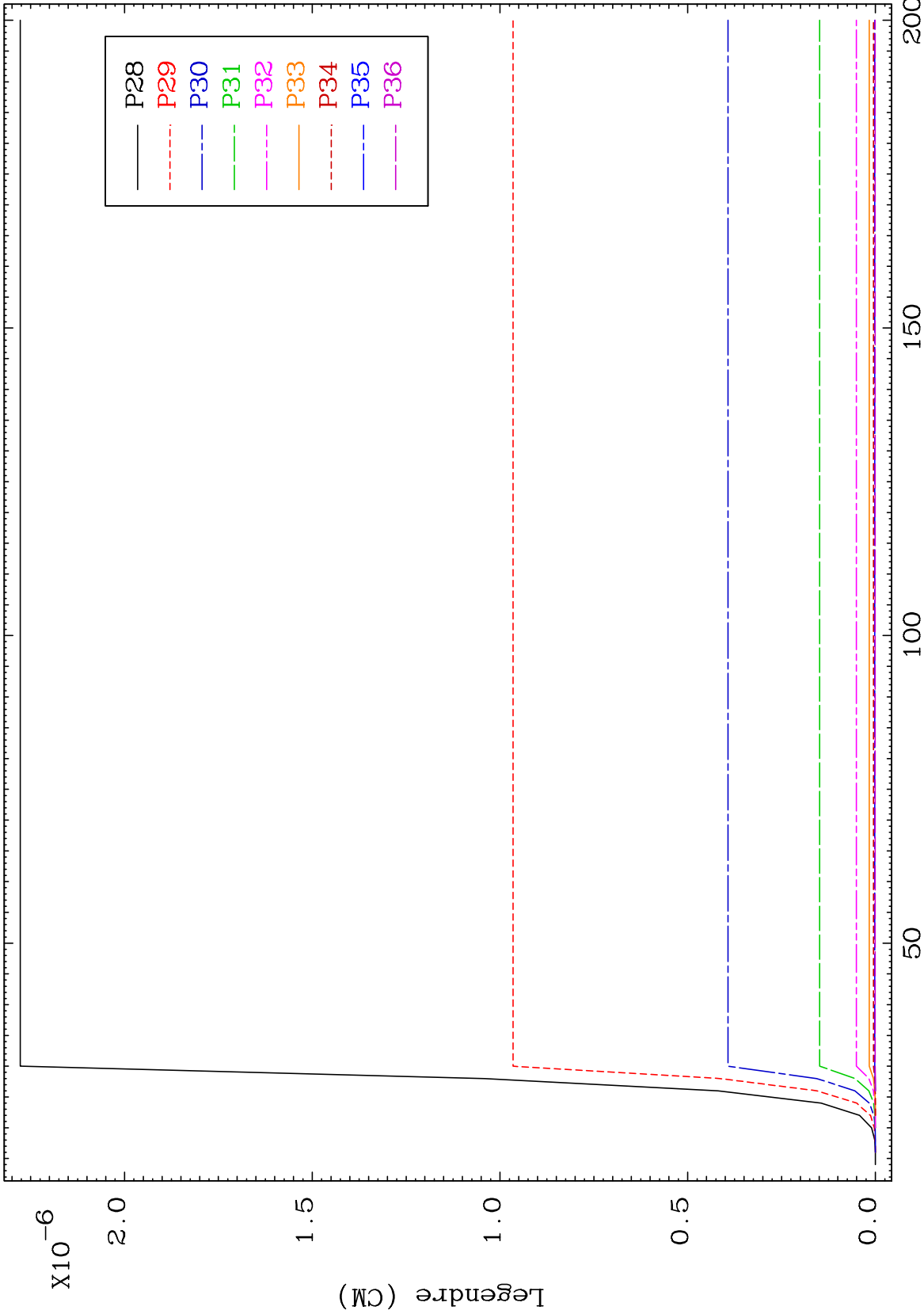
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



111

Incident Energy (MeV)

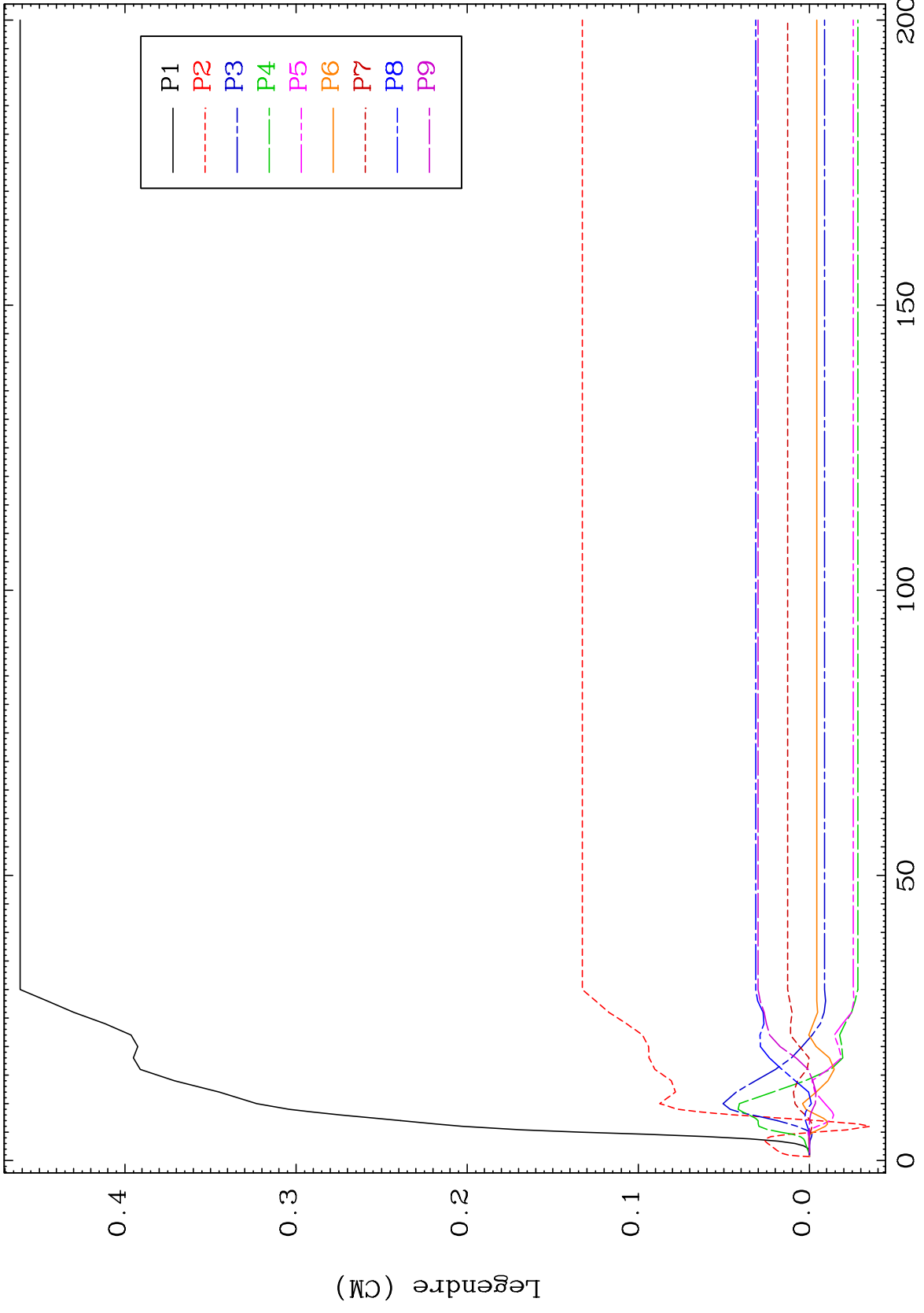
71-Lu-171



MAT 7113

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

71-Lu-171



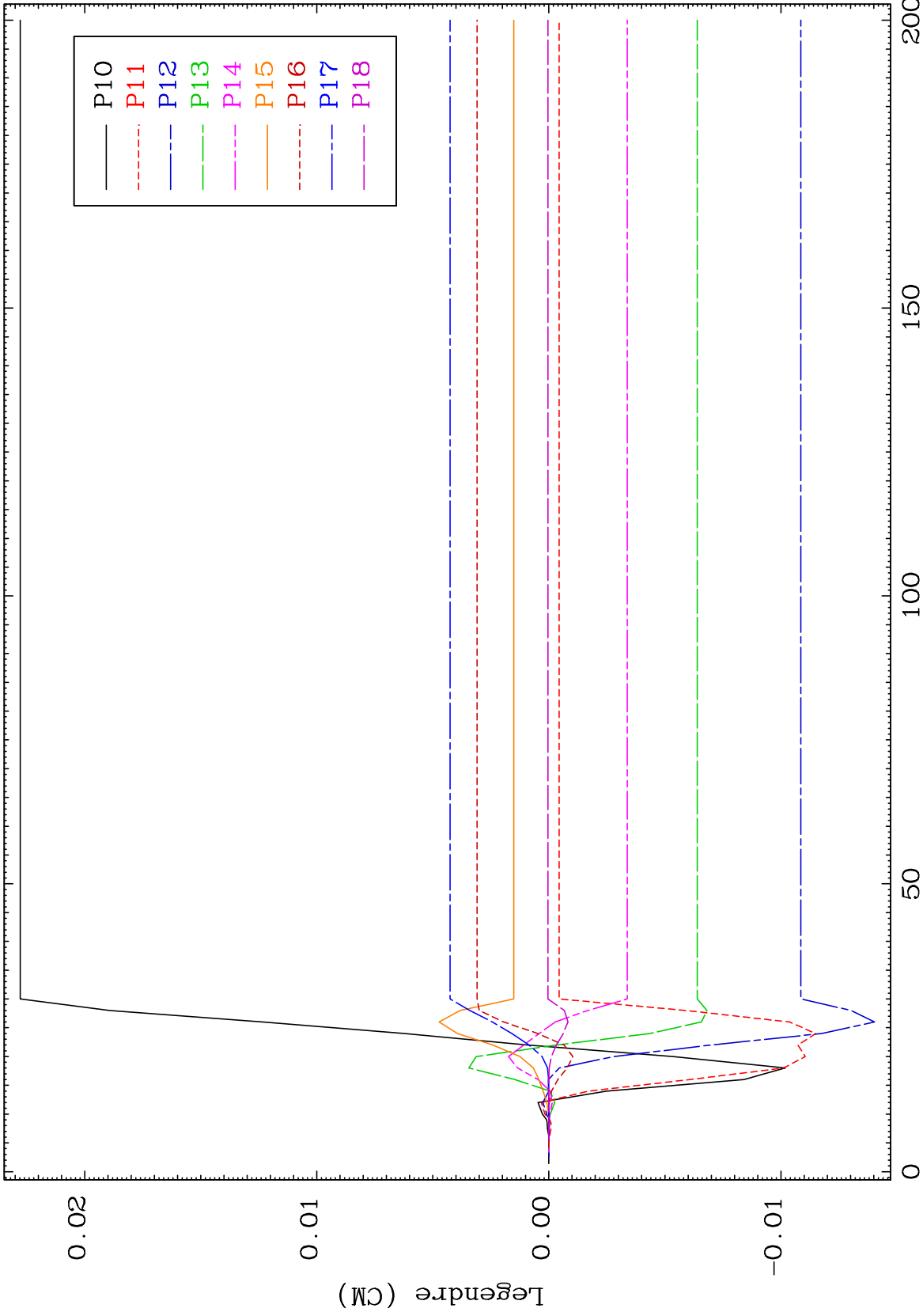
112

71-Lu-171

MAT 7113

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

71-Lu-171



113

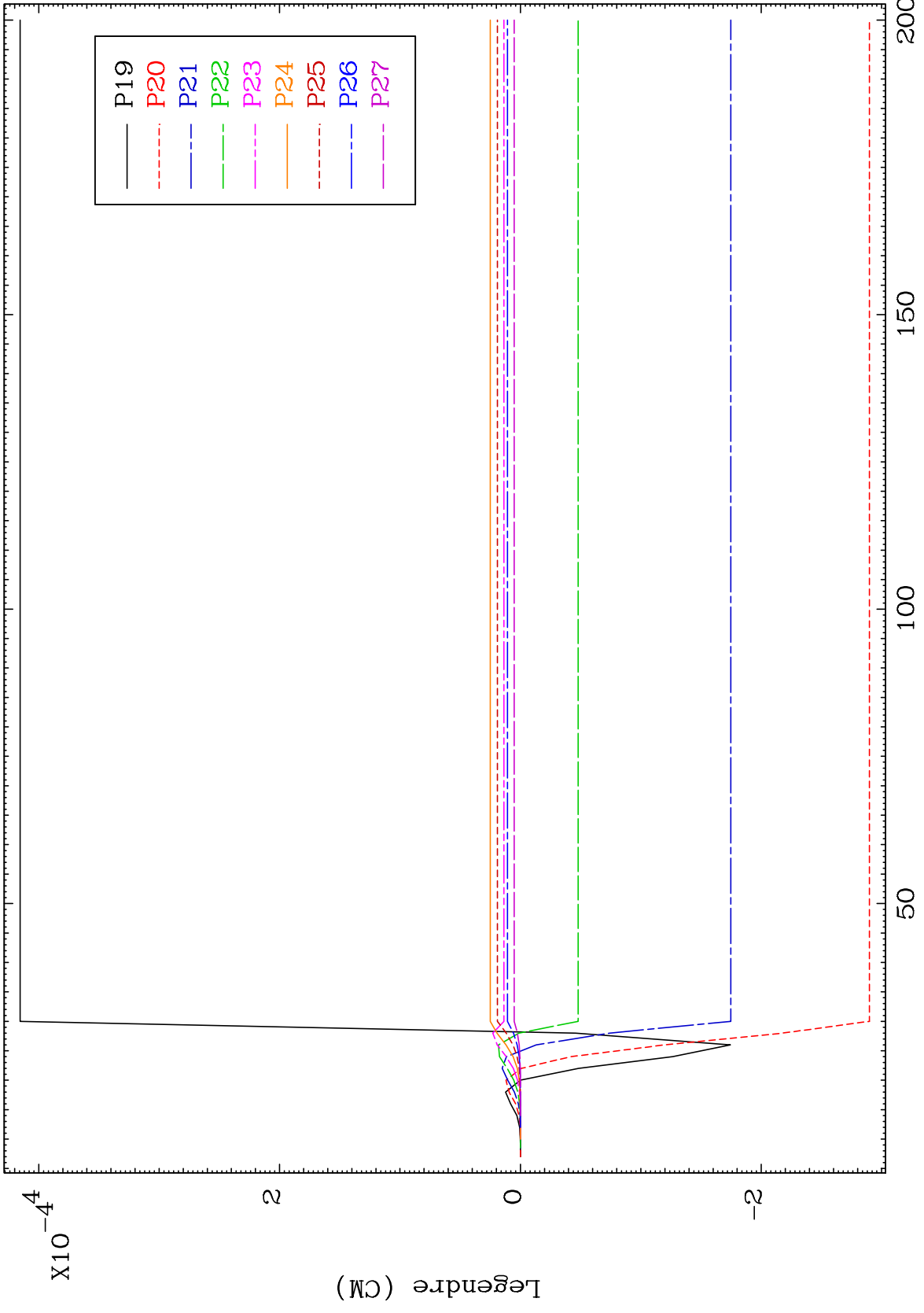
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



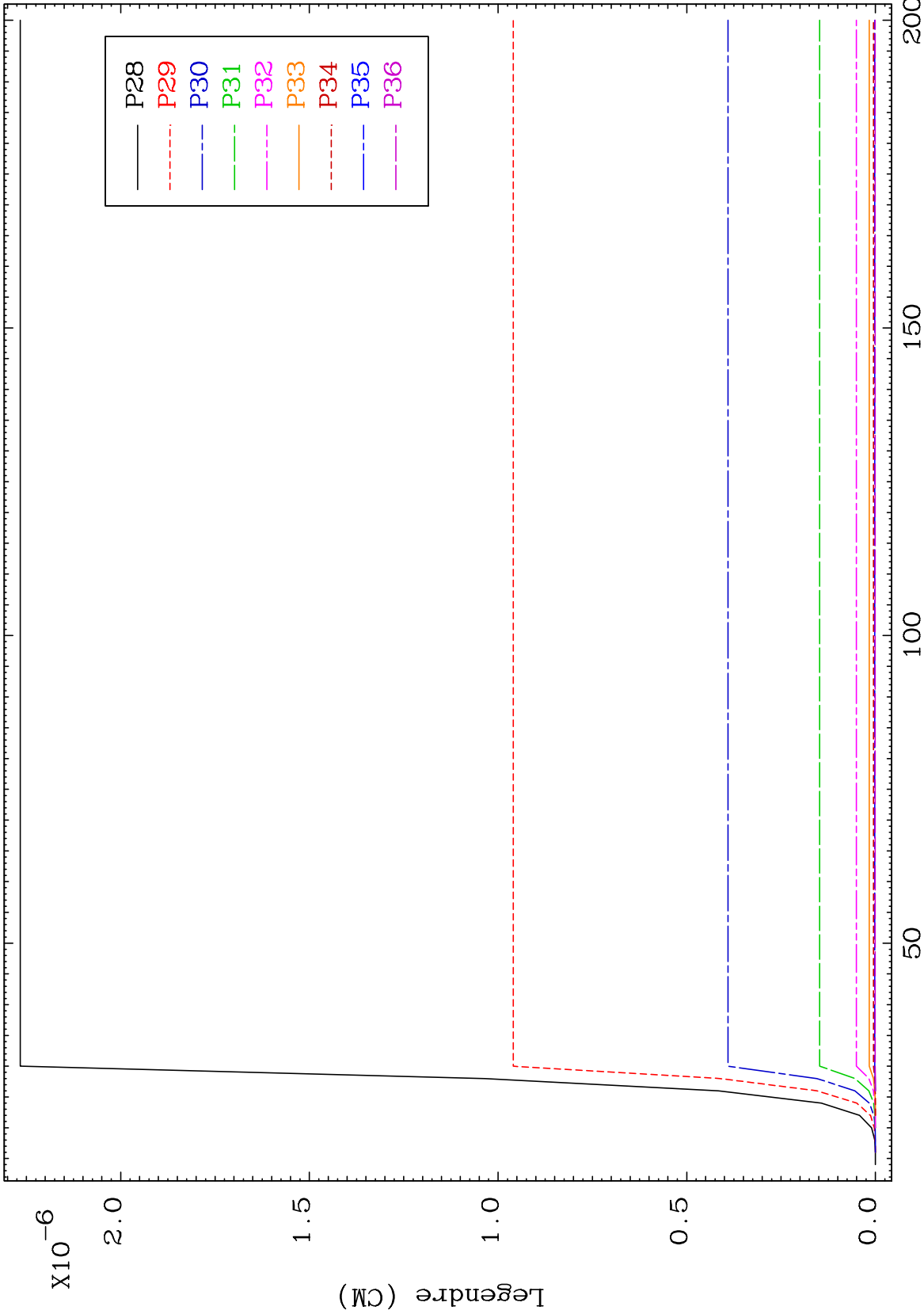
114

71-Lu-171

MAT 7113

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

71-Lu-171

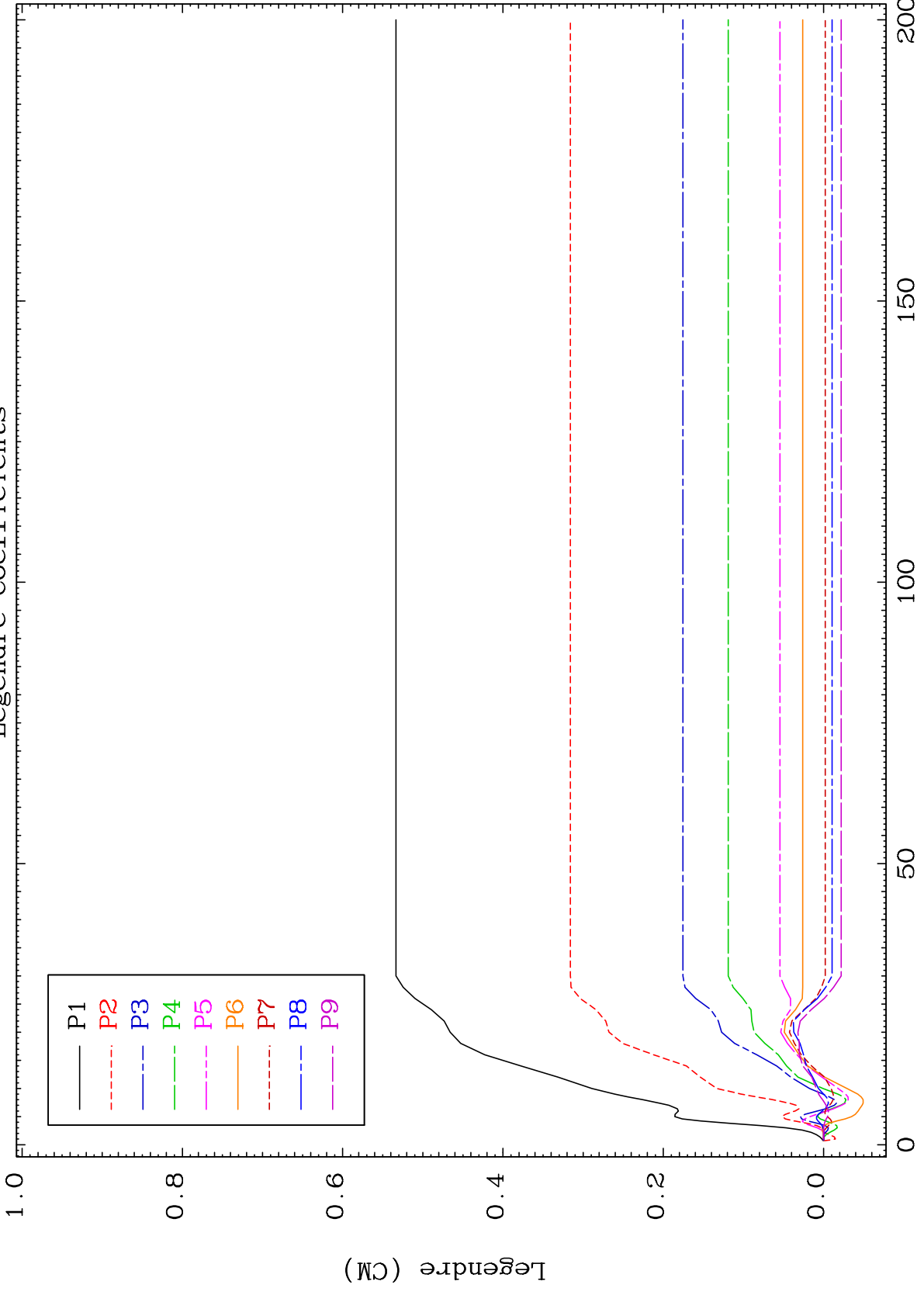


115

Incident Energy (MeV)

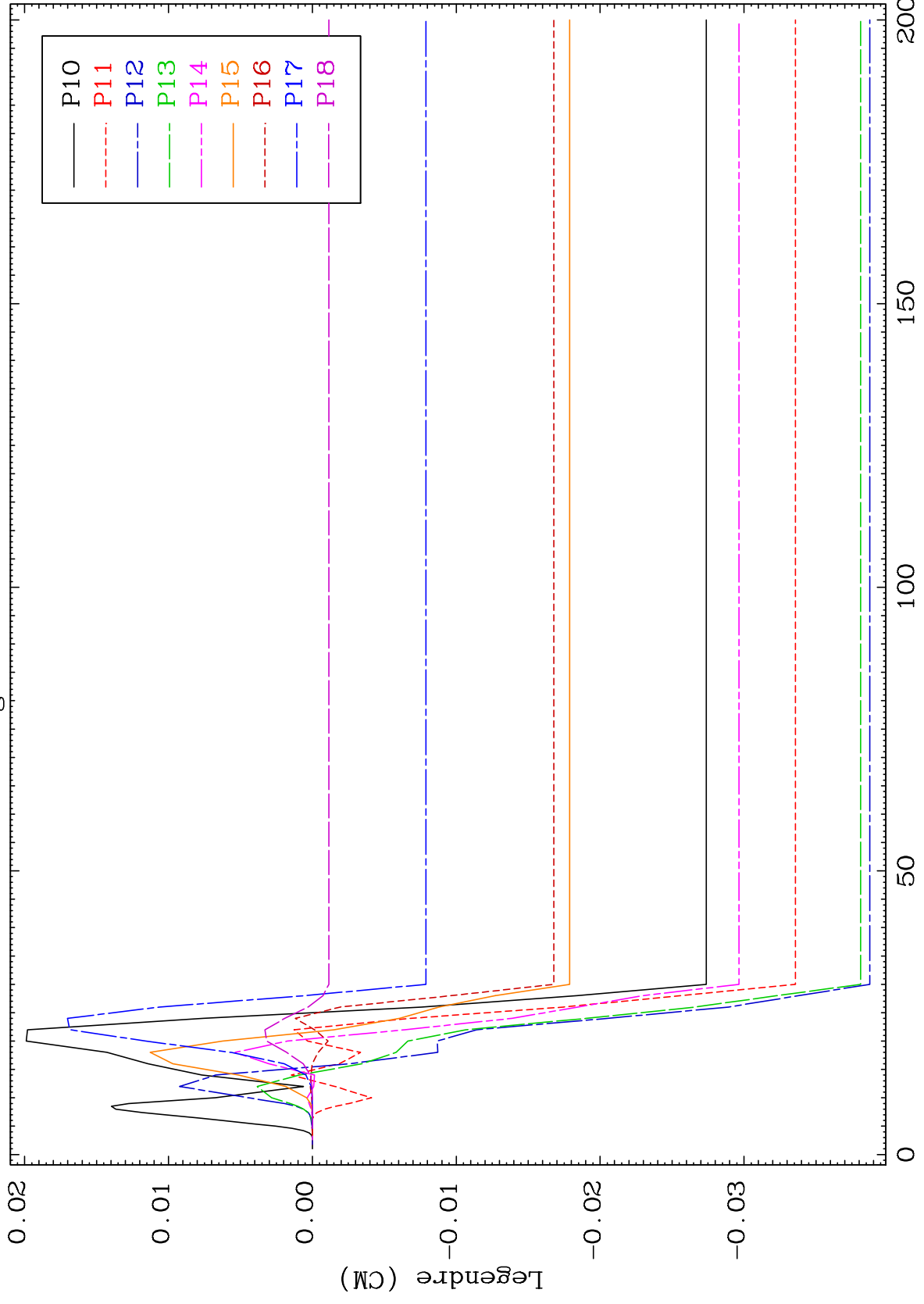
71-Lu-171

MAT 7113 MT= 75 (n,n') Level Legendre Coefficients 71-Lu-171



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MAT 7113 MT= 75 (n,n') Level Legendre Coefficients 71-Lu-171

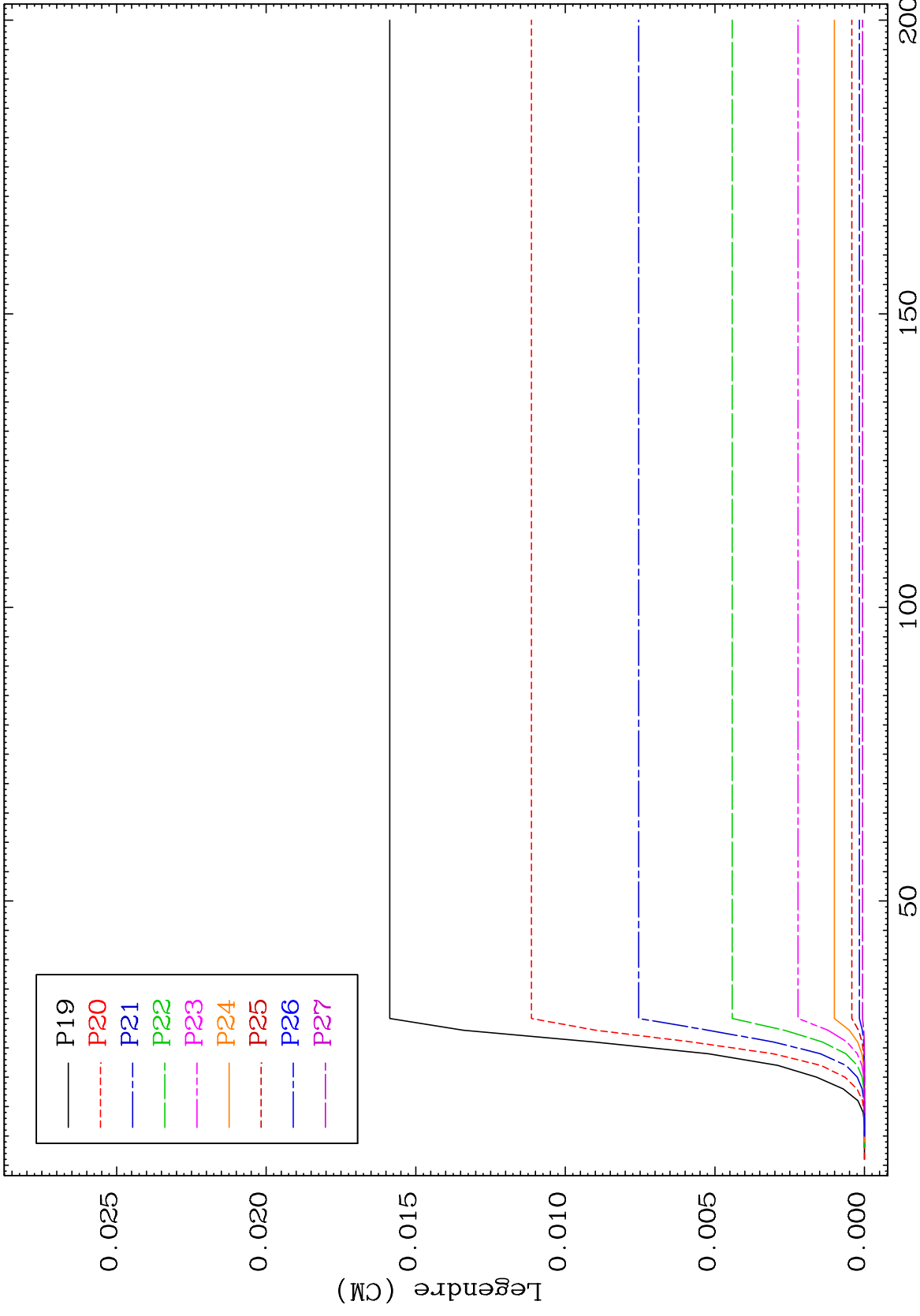


117 71-Lu-171

MAT 7113

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

71-Lu-171



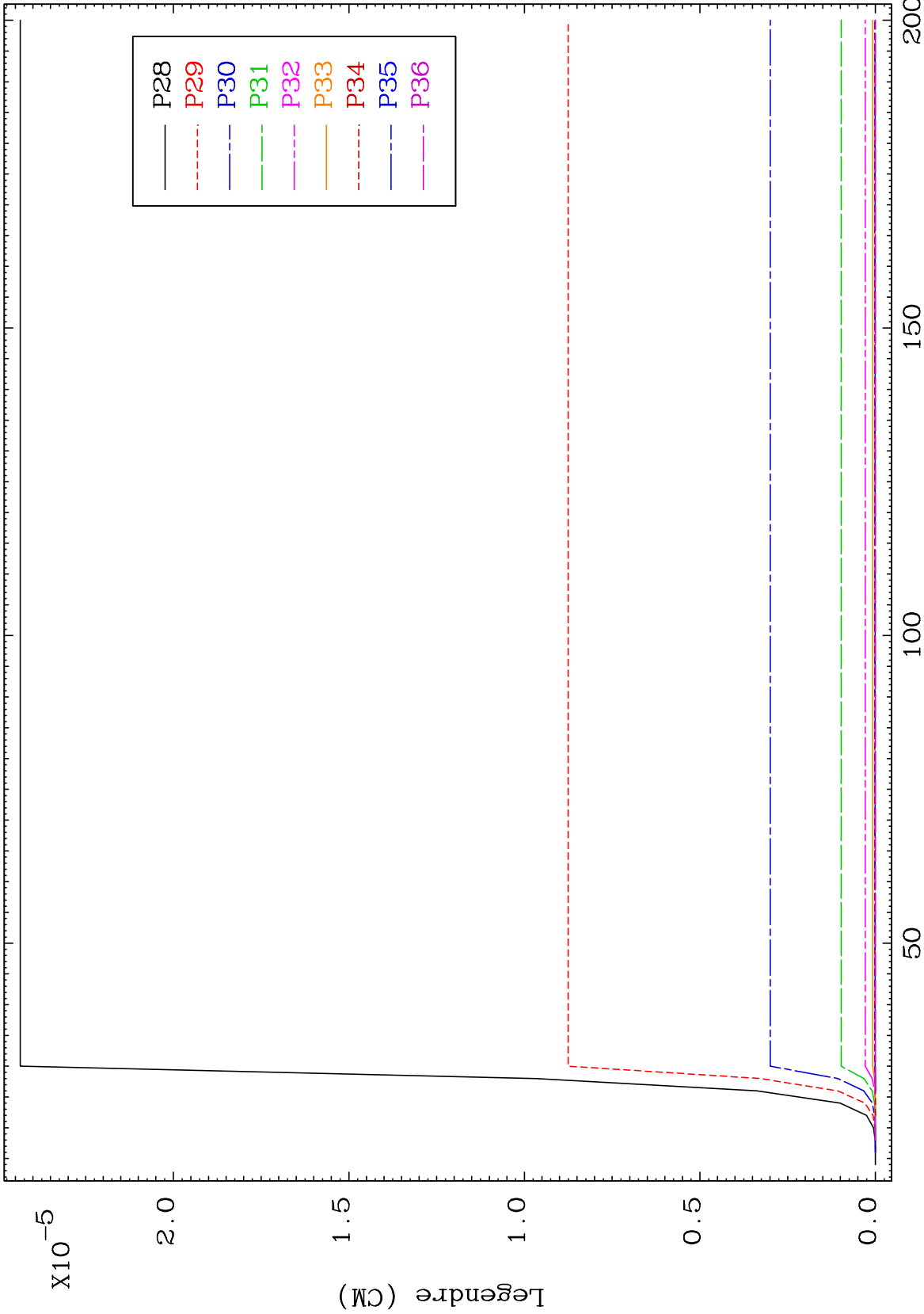
118

71-Lu-171

MAT 7113

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

71-Lu-171



119

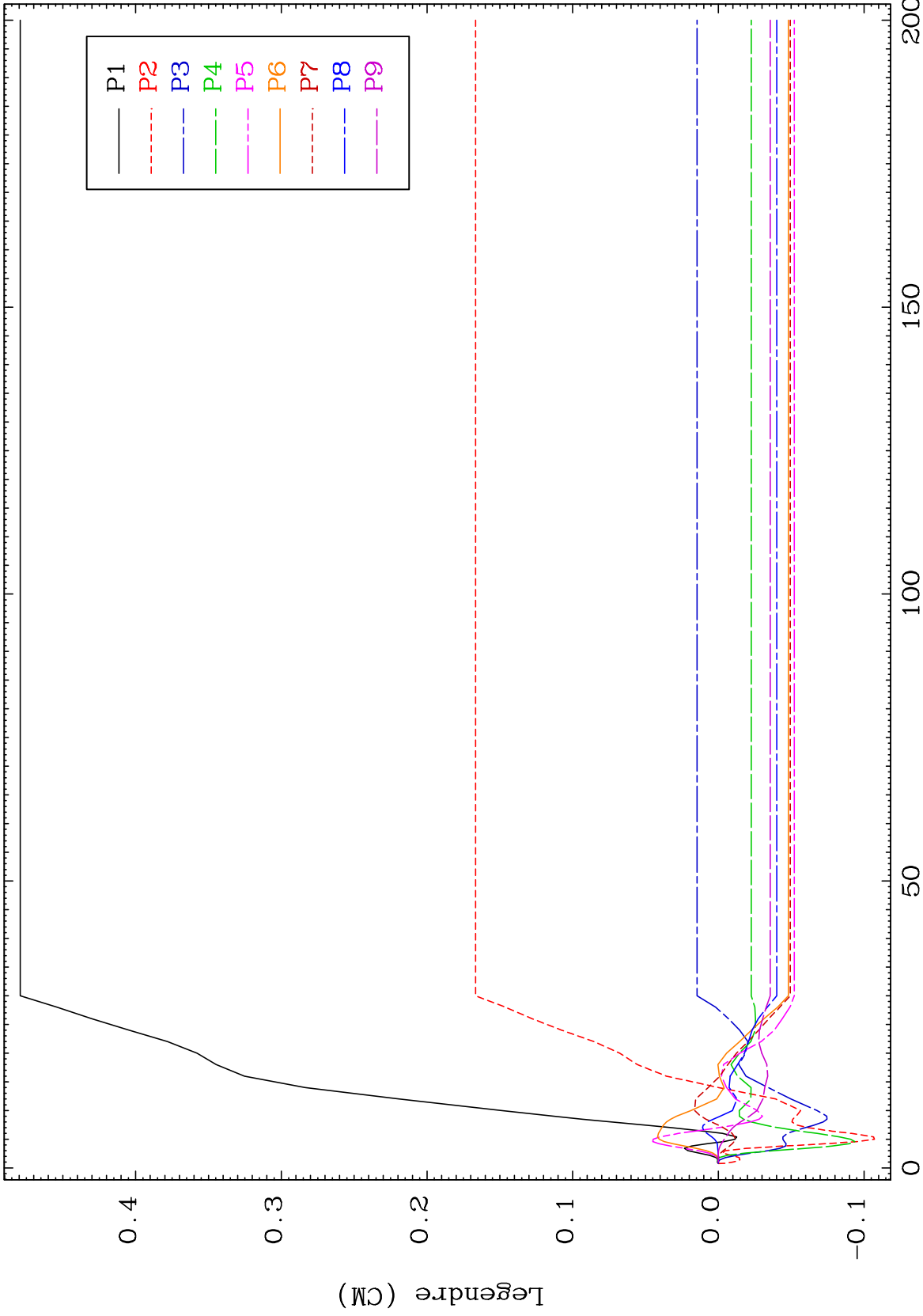
71-Lu-171



MAT 7113

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

71-Lu-171

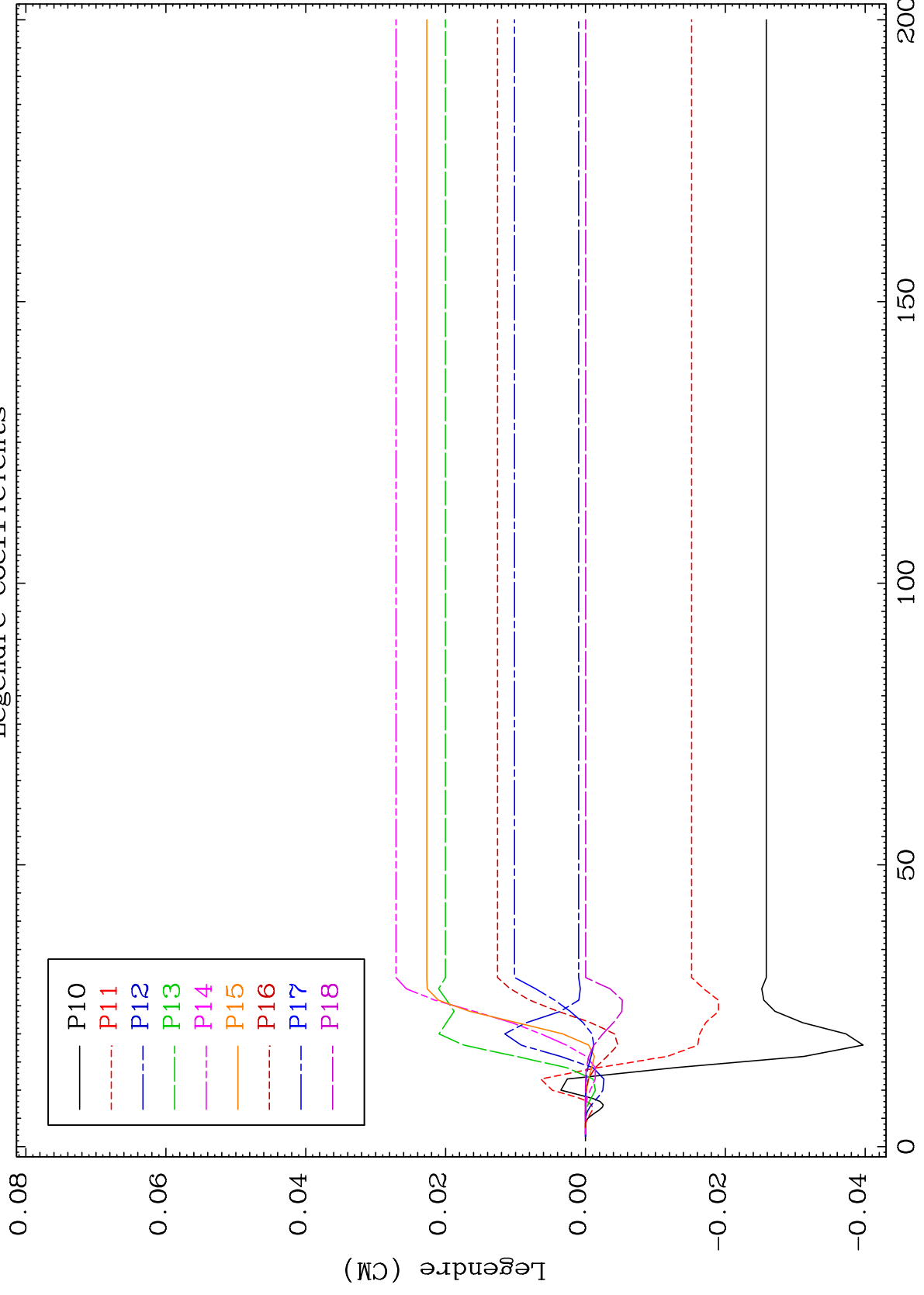


71-Lu-171

Incident Energy (MeV)

120

MAT 7113 MT= 76 (n,n') Level Legendre Coefficients 71-Lu-171



71-Lu-171

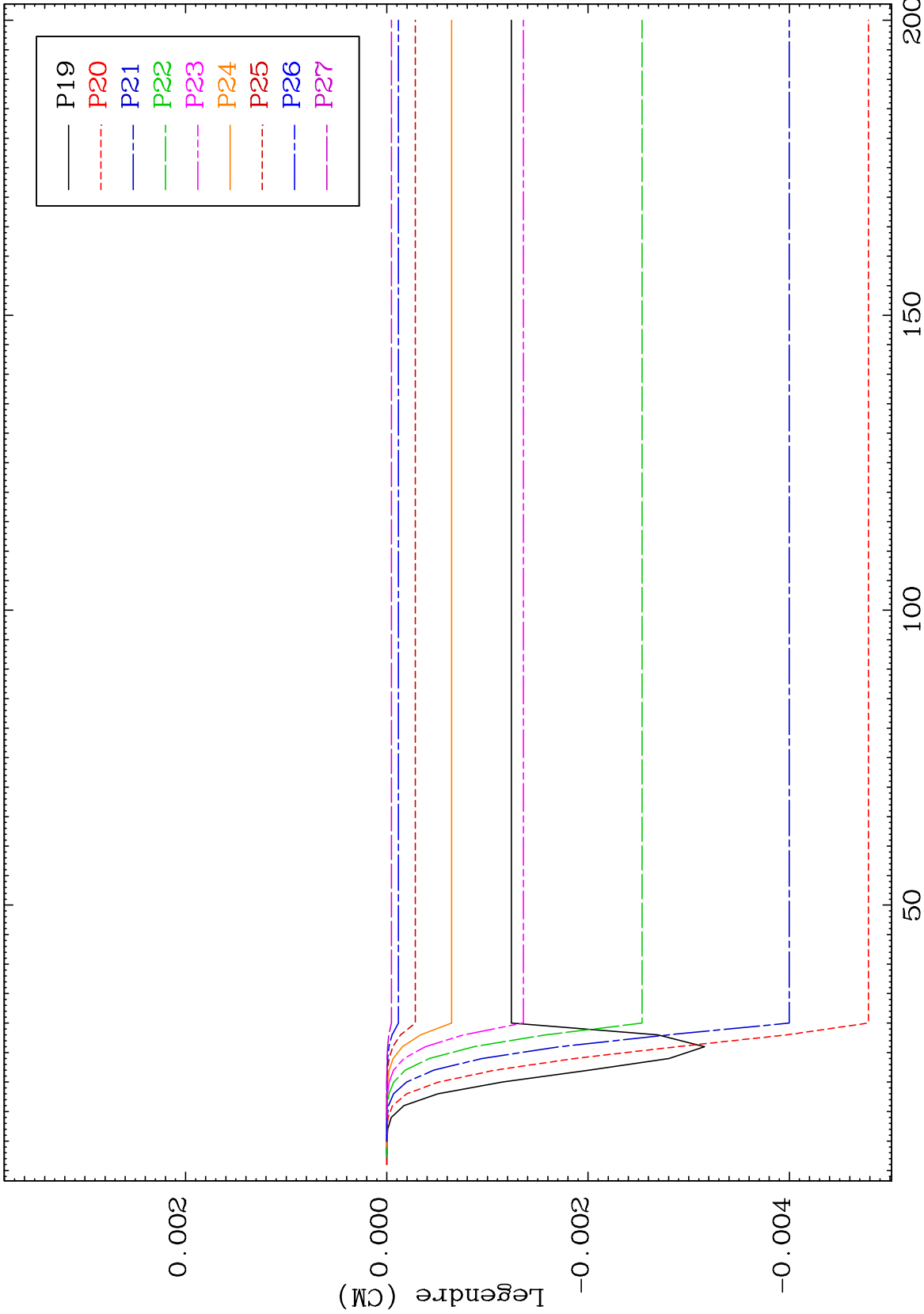
Incident Energy (MeV)

121

MAT 7113

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

71-Lu-171

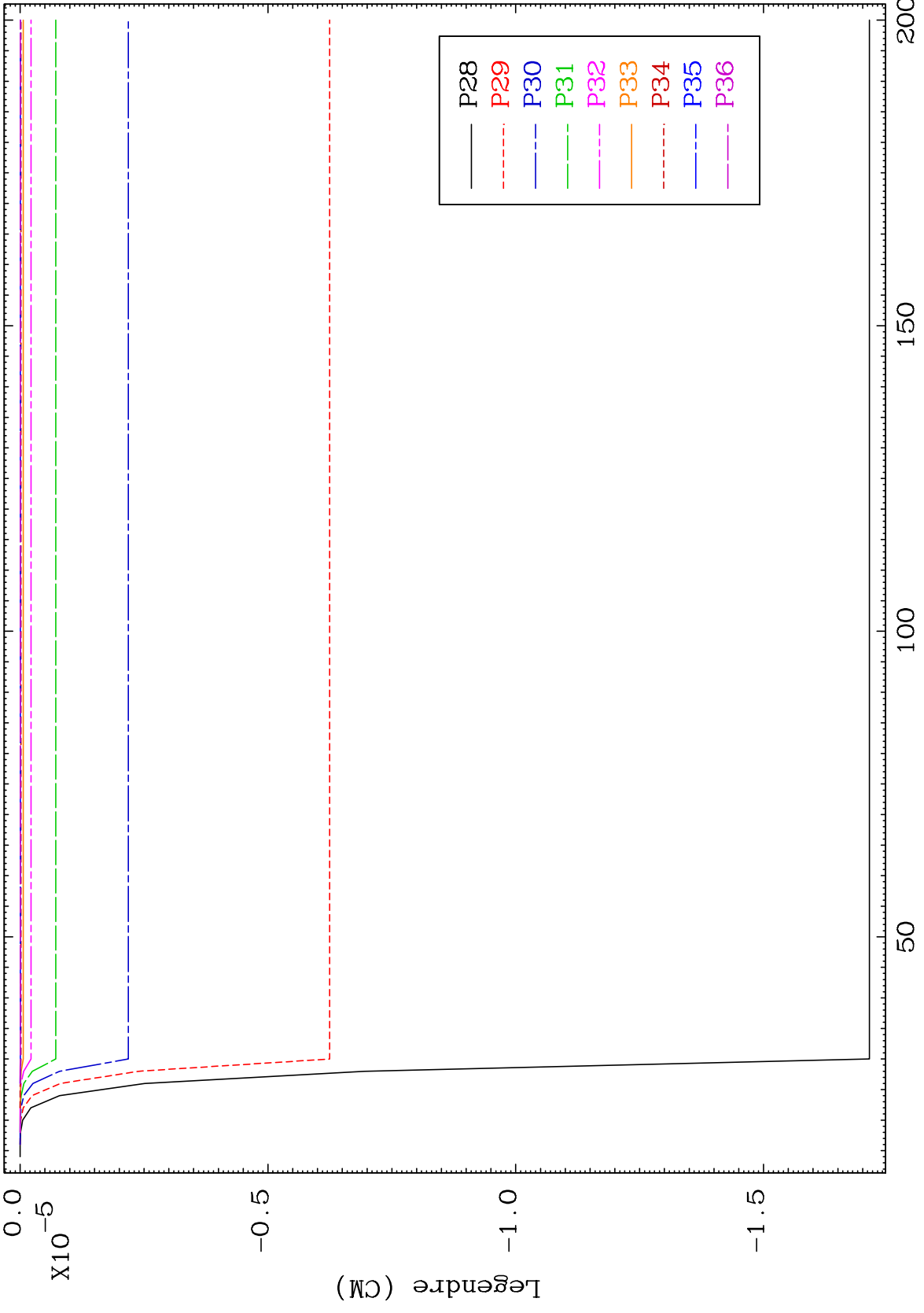


122

Incident Energy (MeV)

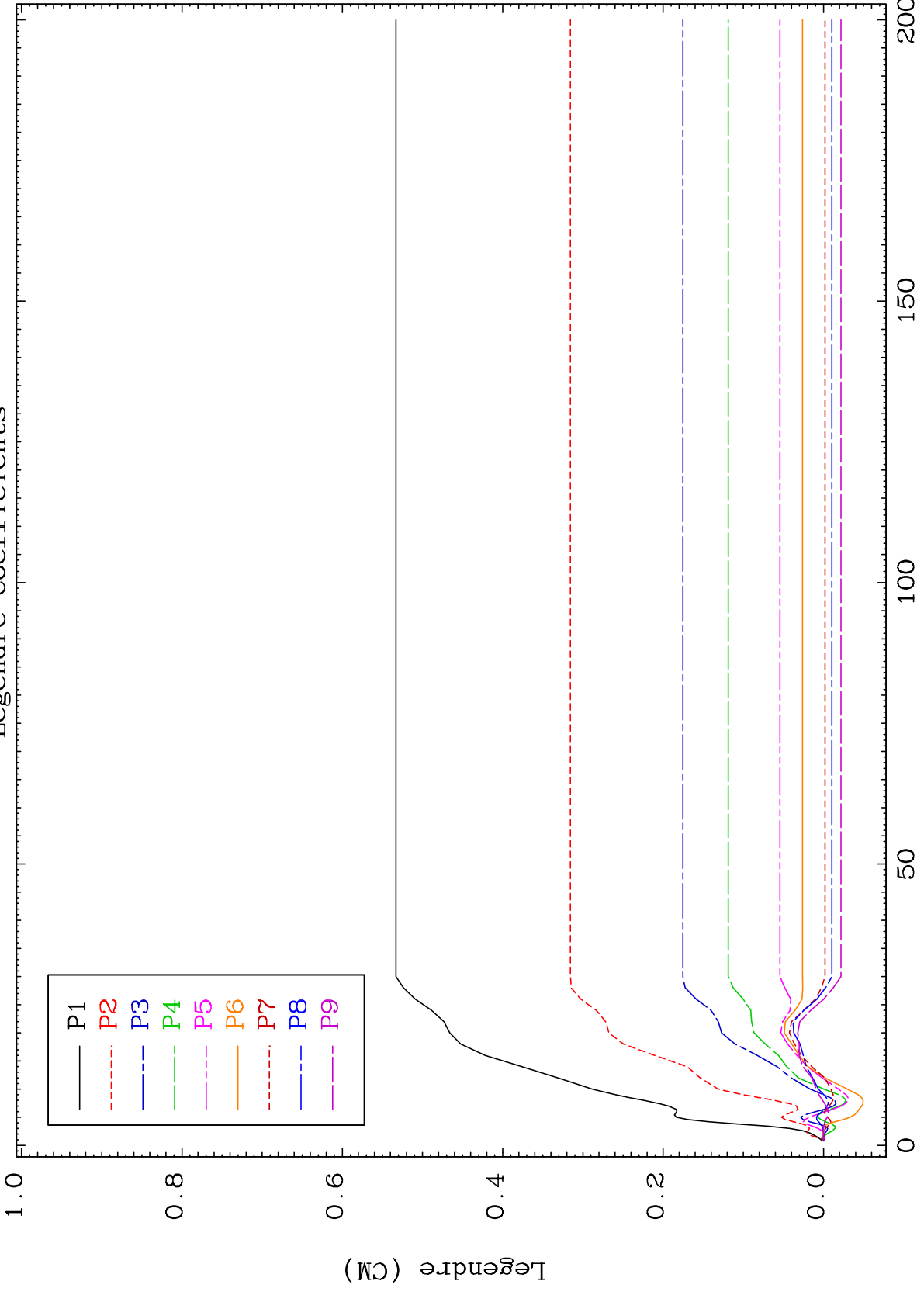
71-Lu-171

MAT 7113 MT= 76 (n,n') Level Legendre Coefficients 71-Lu-171



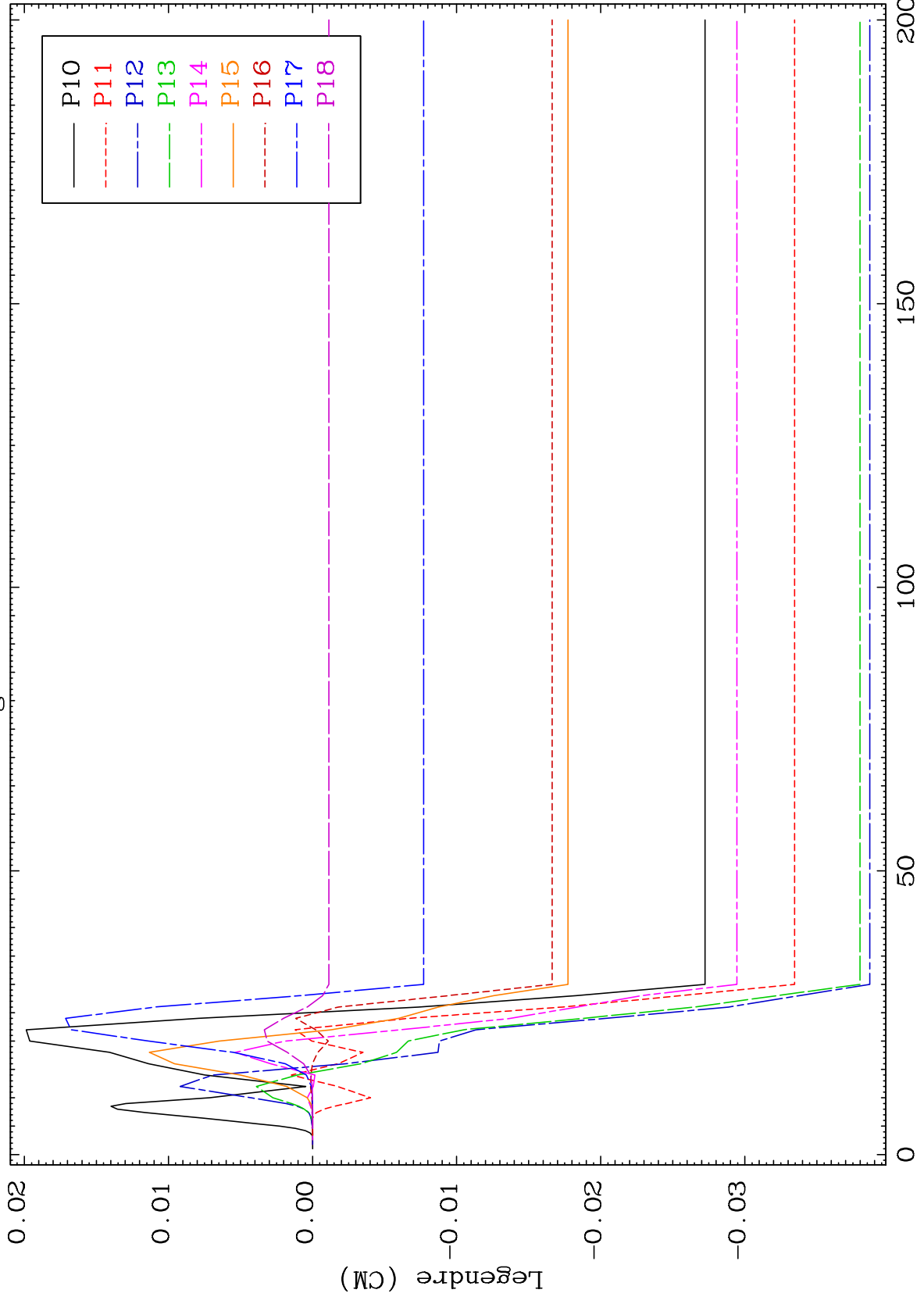
123 71-Lu-171

MAT 7113 MT= 77 (n,n') Level Legendre Coefficients 71-Lu-171



124 71-Lu-171

MAT 7113 MT= 77 (n,n') Level Legendre Coefficients 71-Lu-171

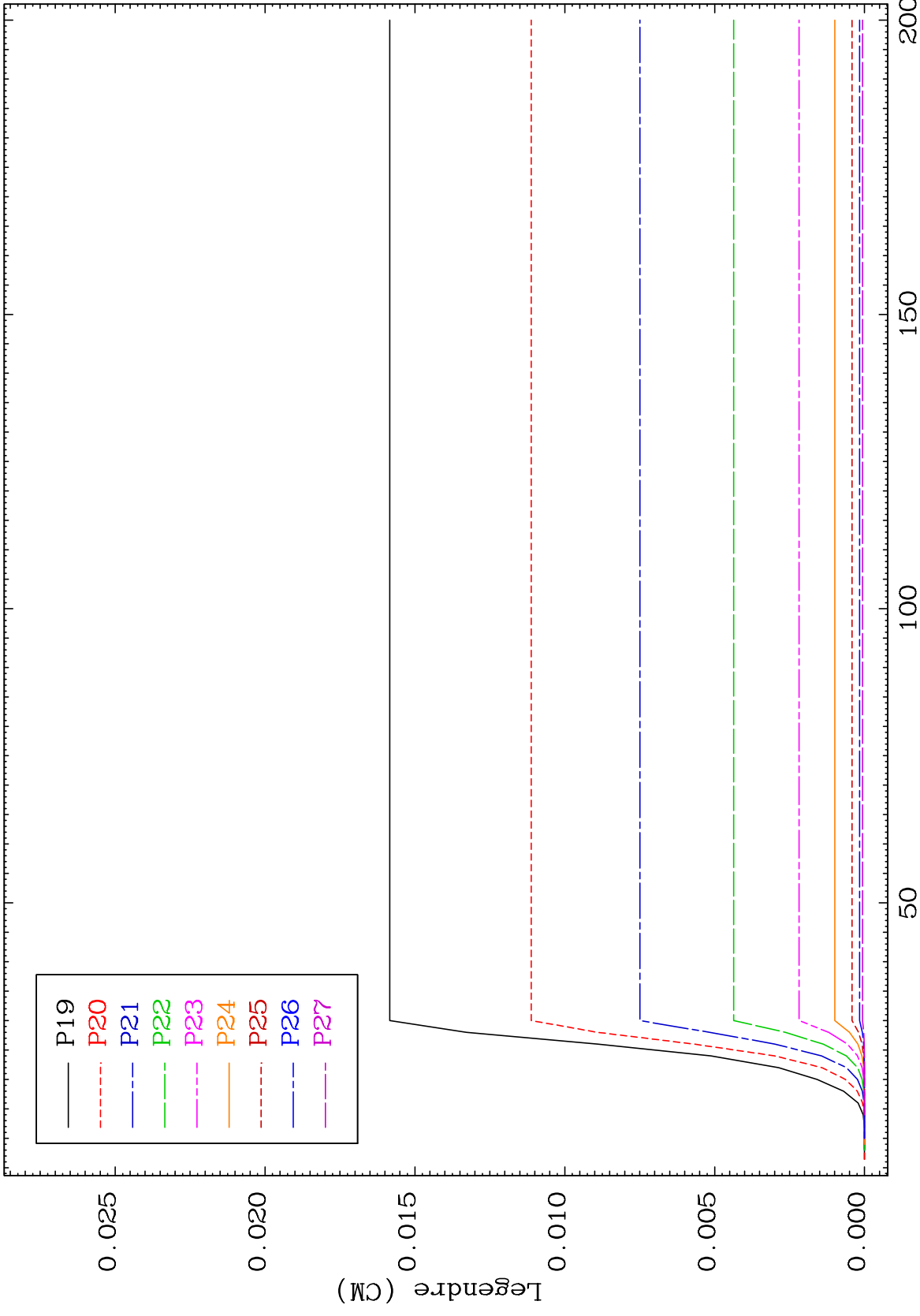


125 71-Lu-171

MAT 7113

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

71-Lu-171



126

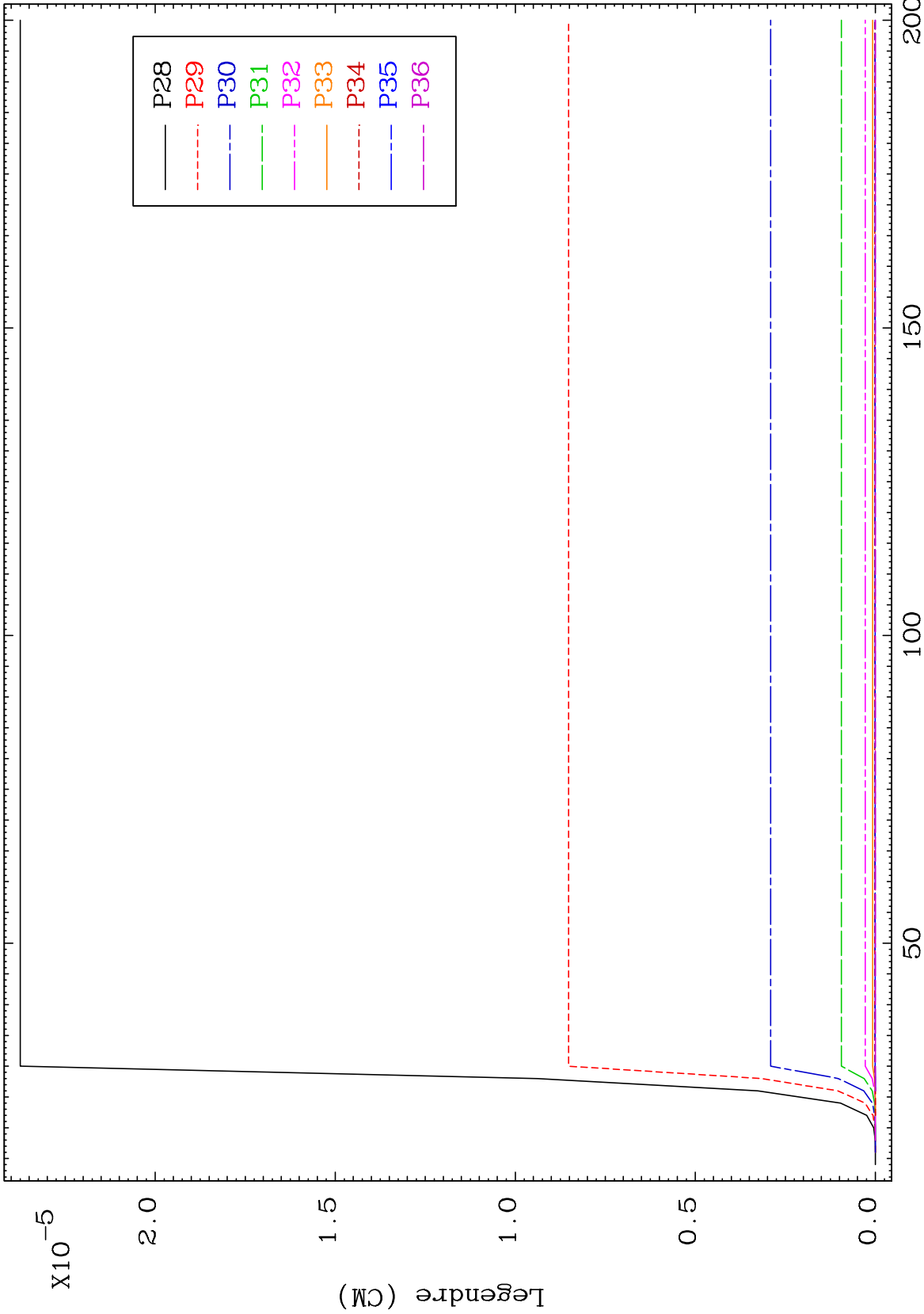
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



127

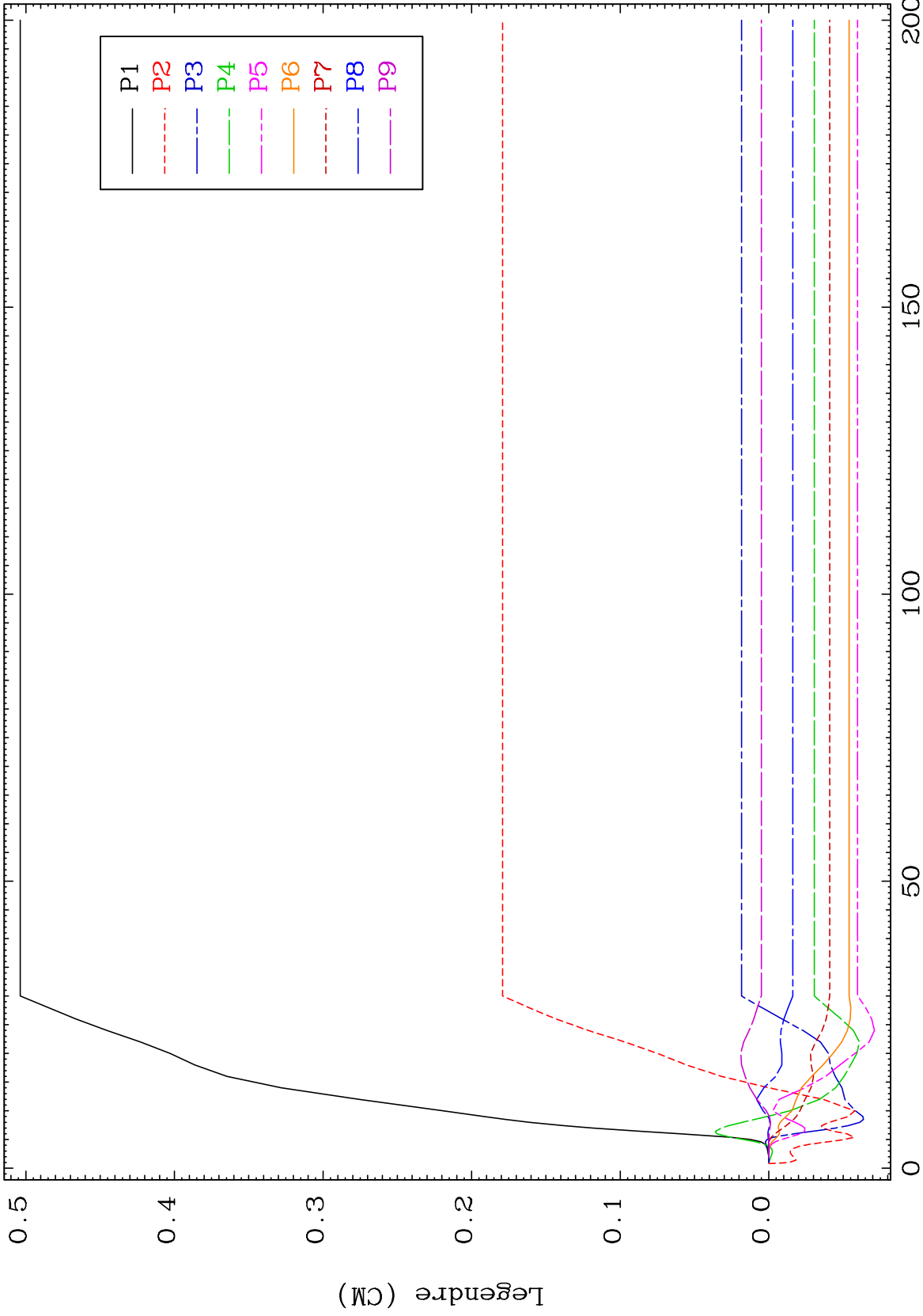
71-Lu-171



MAT 7113

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

71-Lu-171



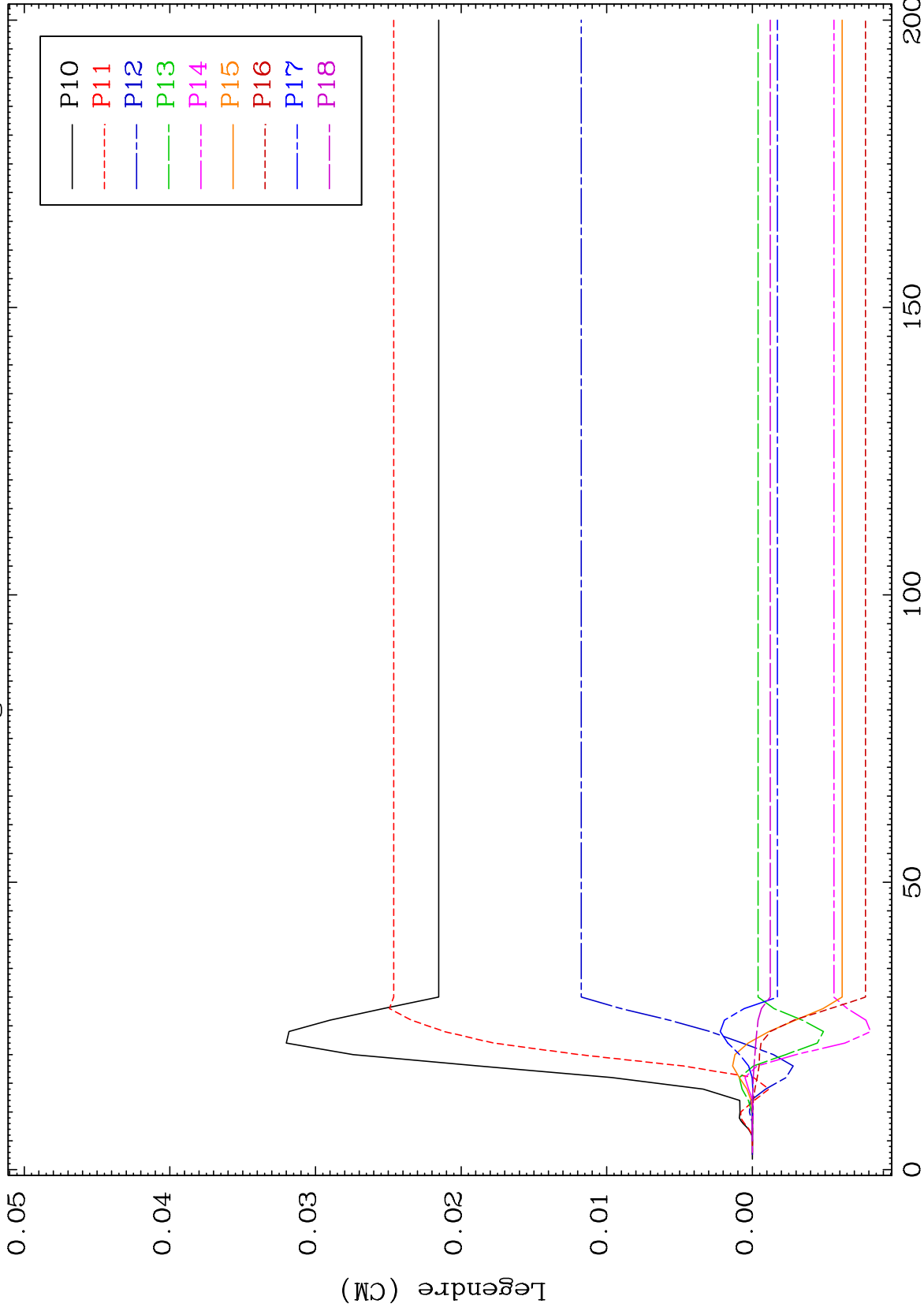
128

71-Lu-171

MAT 7113

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

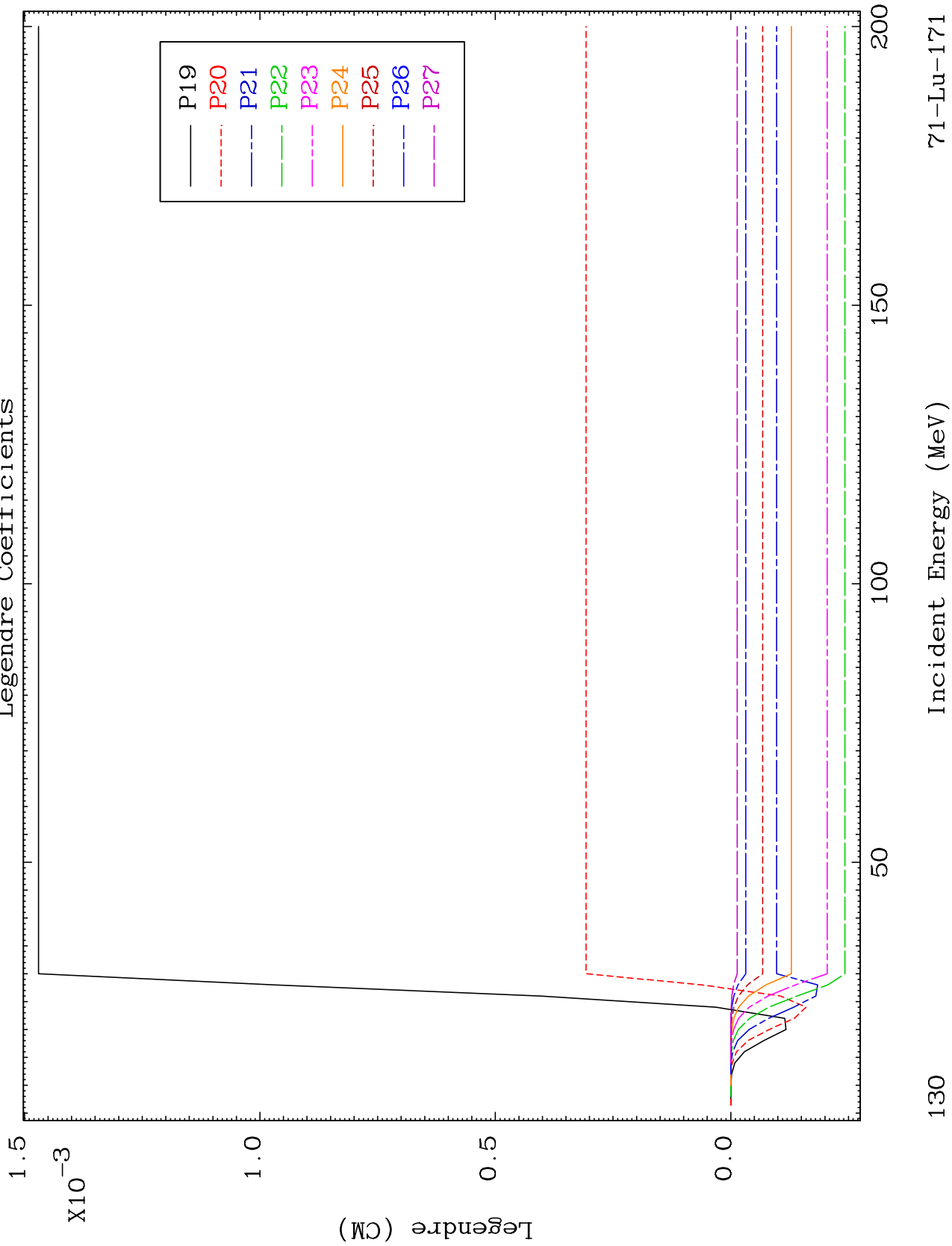
71-Lu-171



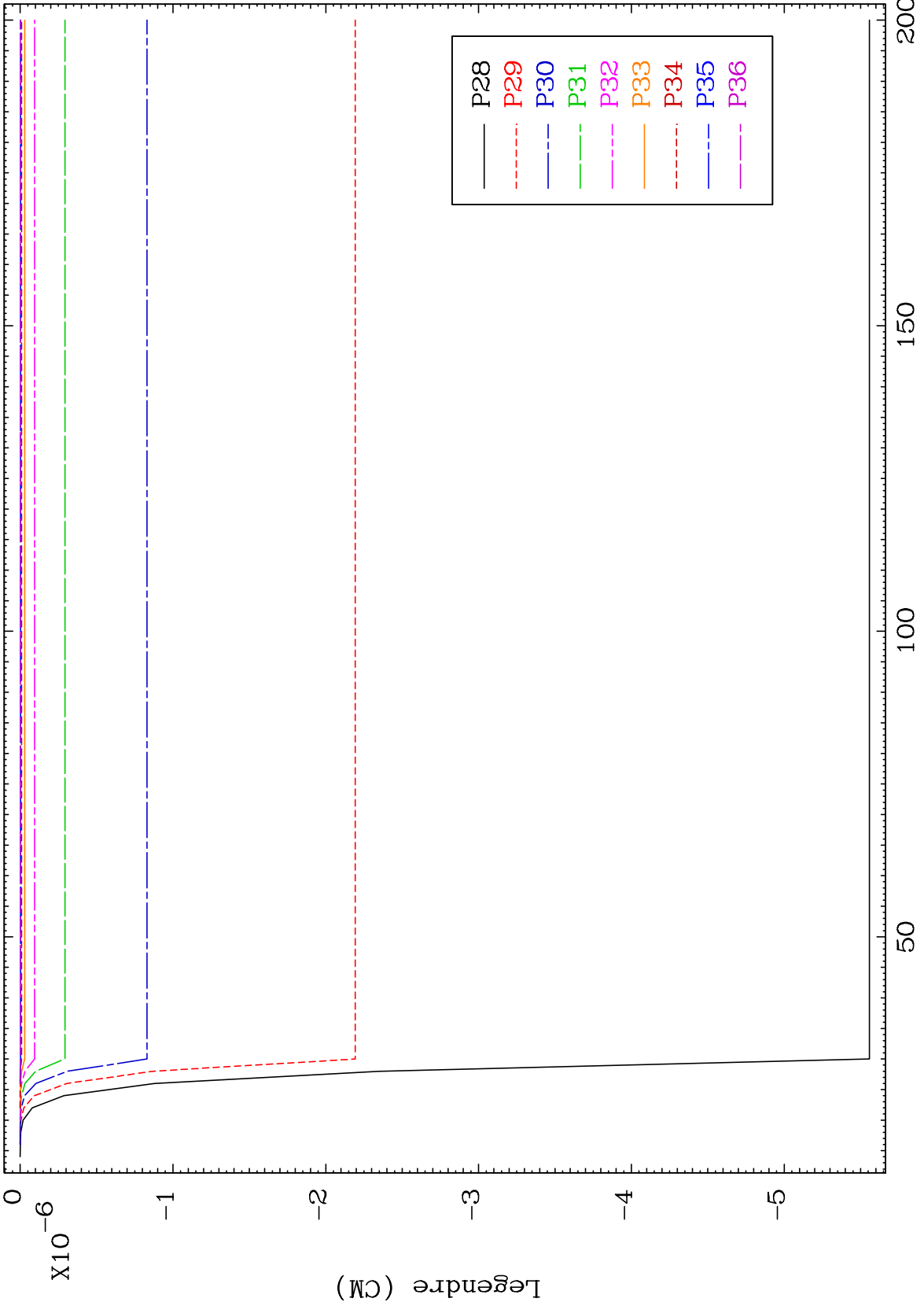
129

71-Lu-171

MAT 7113 MT= 78 (n,n') Level Legendre Coefficients 71-Lu-171



MAT 7113 MT= 78 (n,n') Level Legendre Coefficients 71-Lu-171

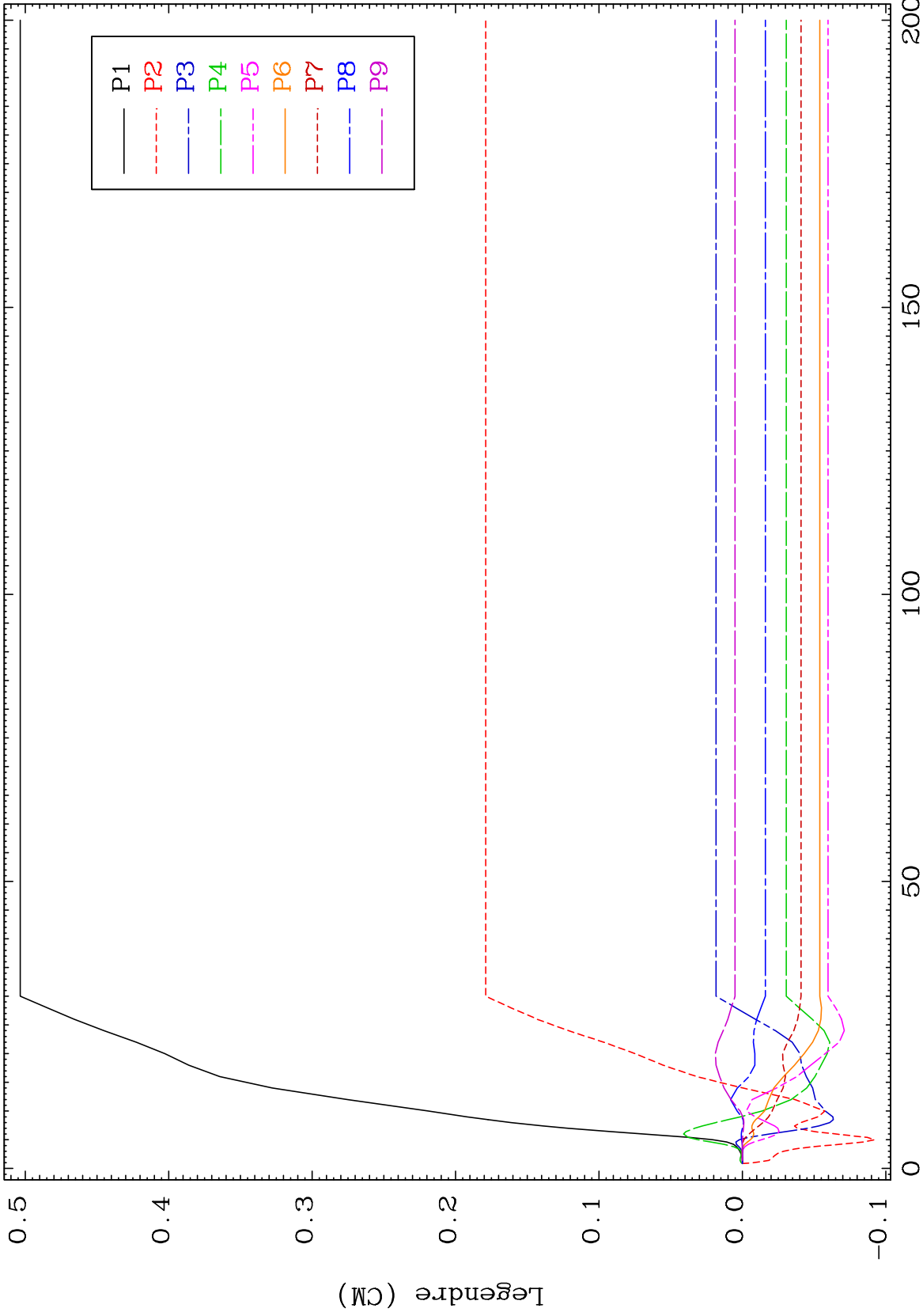


131 71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

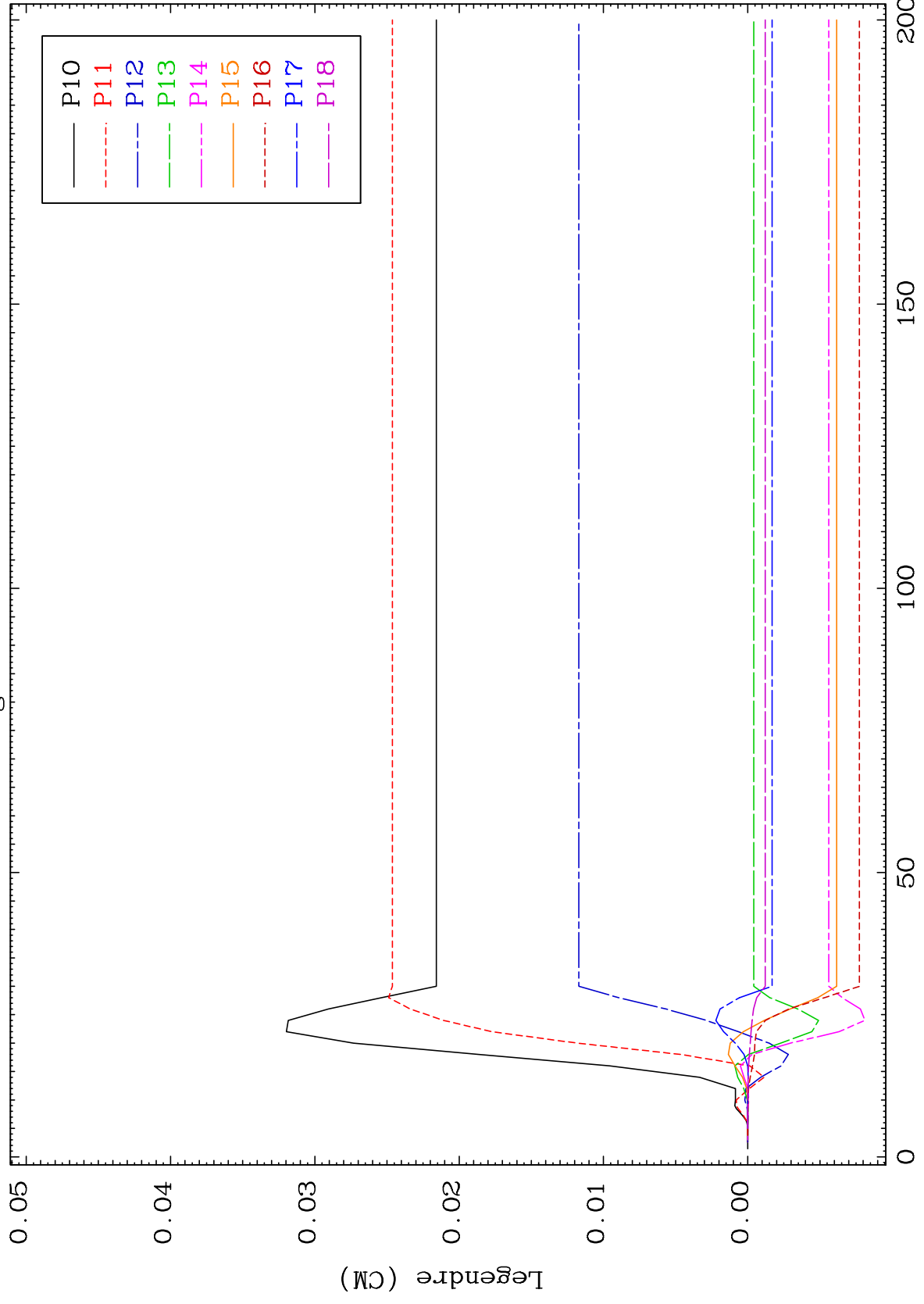
Incident Energy (MeV)

132

MAT 7113

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

71-Lu-171



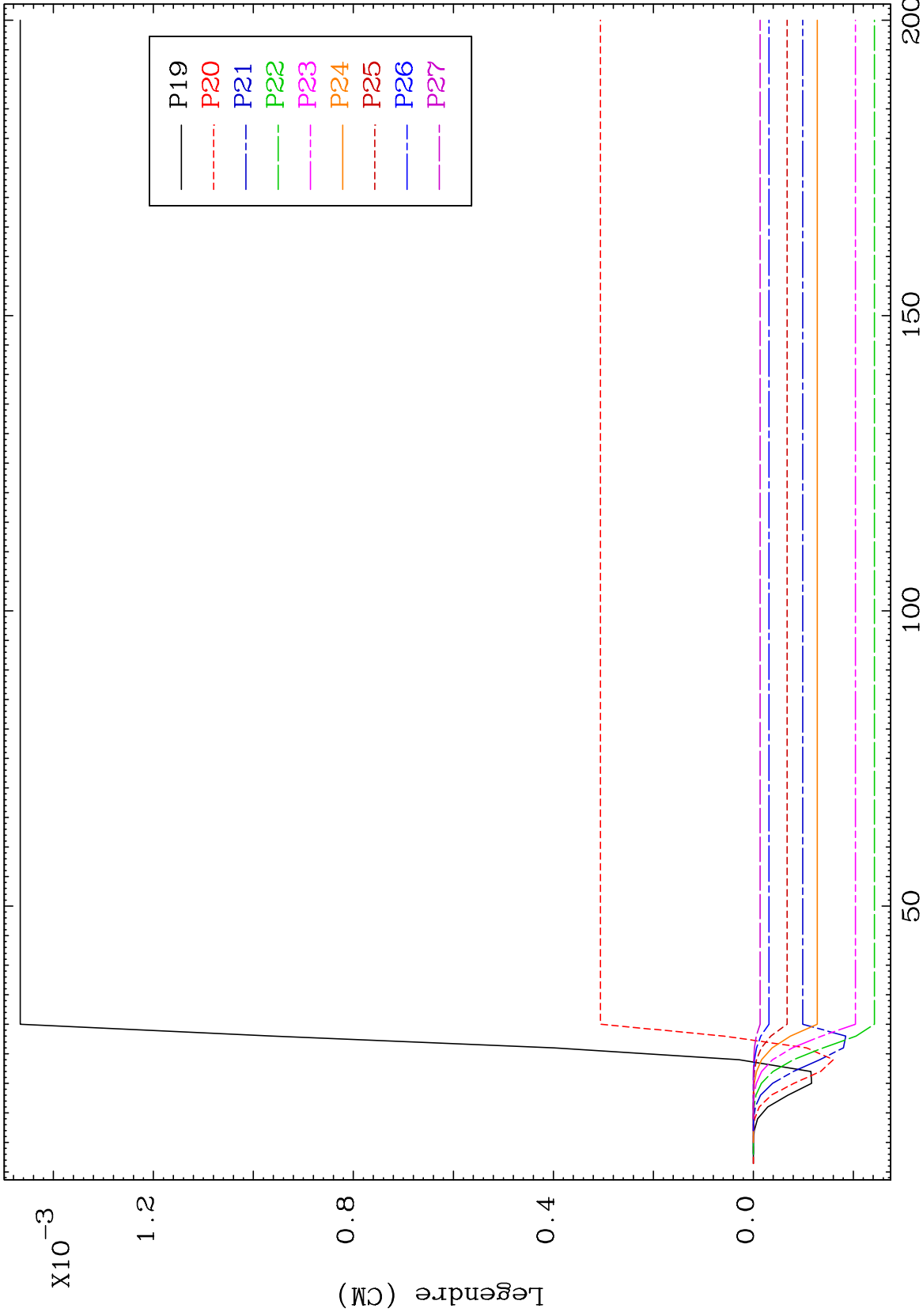
133

71-Lu-171

MAT 7113

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

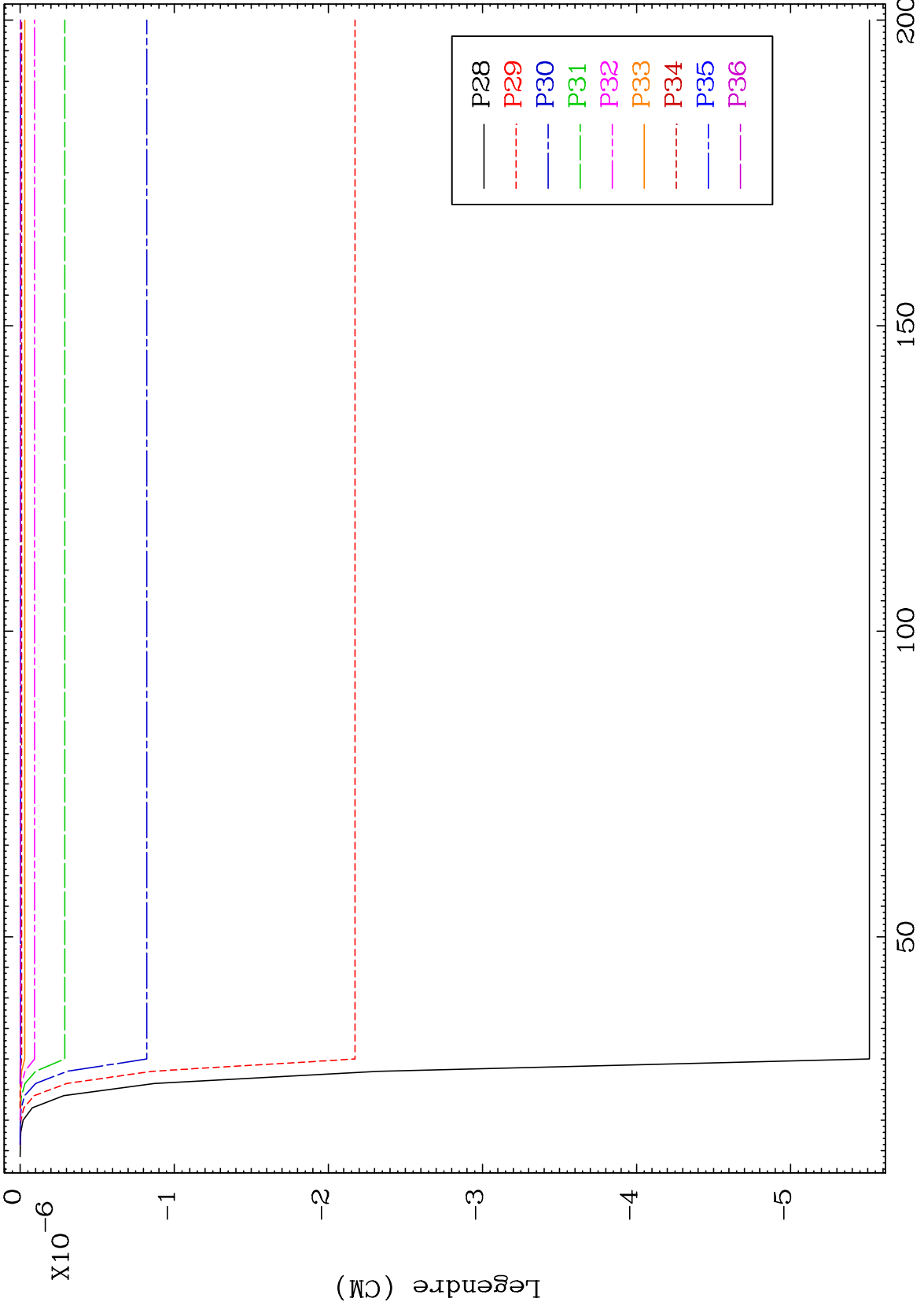
71-Lu-171



134

71-Lu-171

MAT 7113 MT= 79 (n,n') Level Legendre Coefficients 71-Lu-171



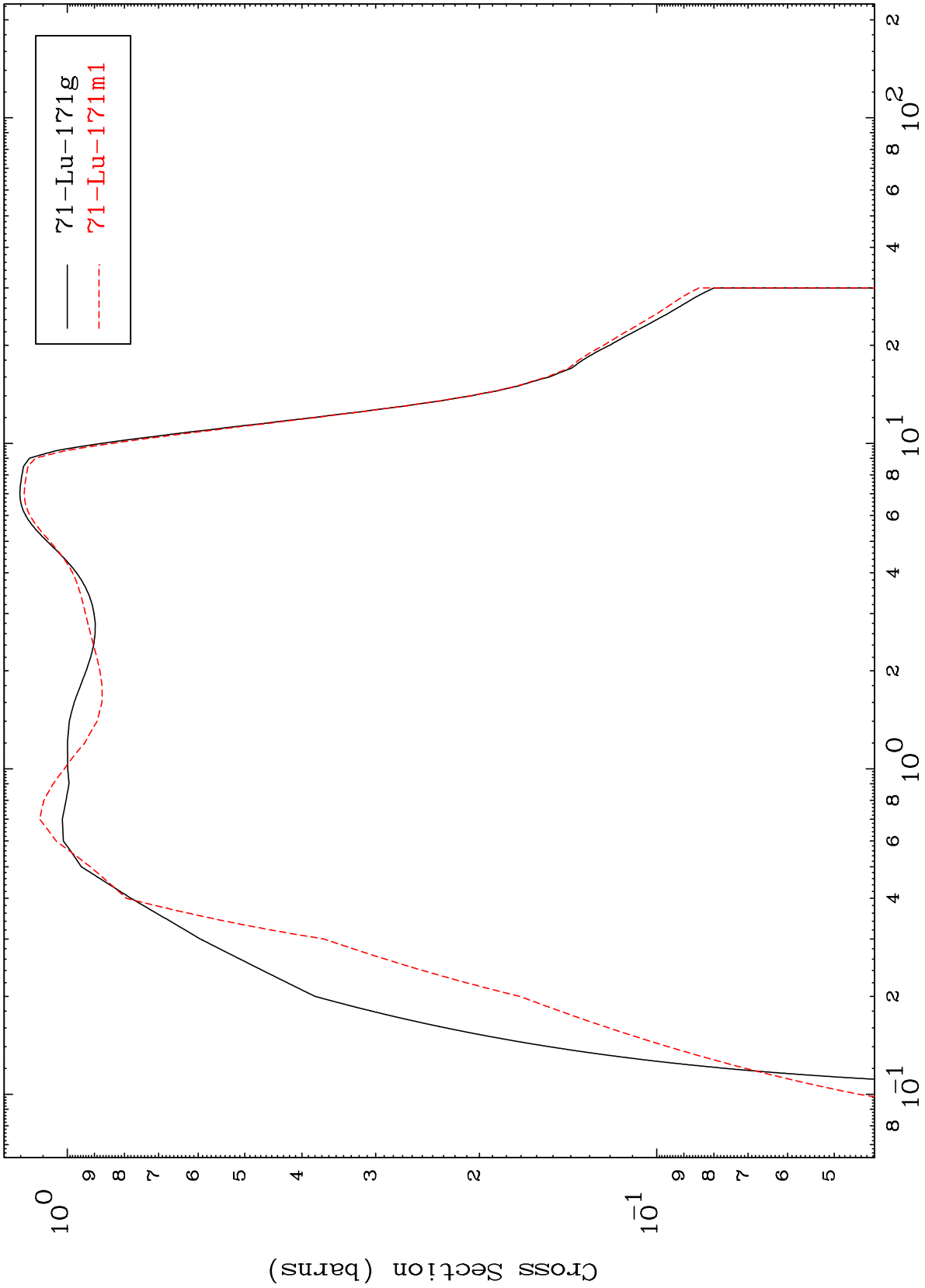
135 71-Lu-171



MAT 7113

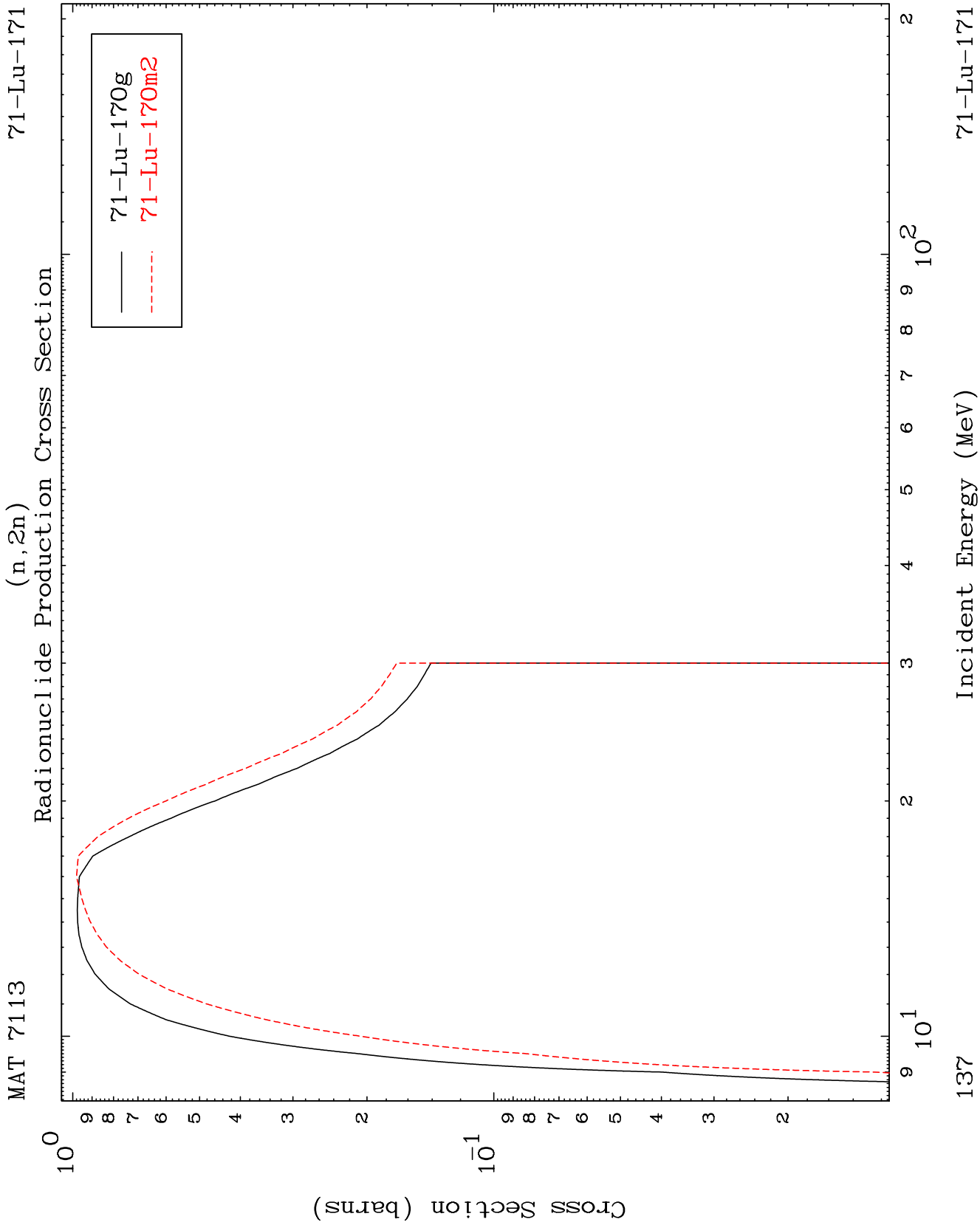
71-Lu-171

Inelastic  
Radionuclide Production Cross Section



136

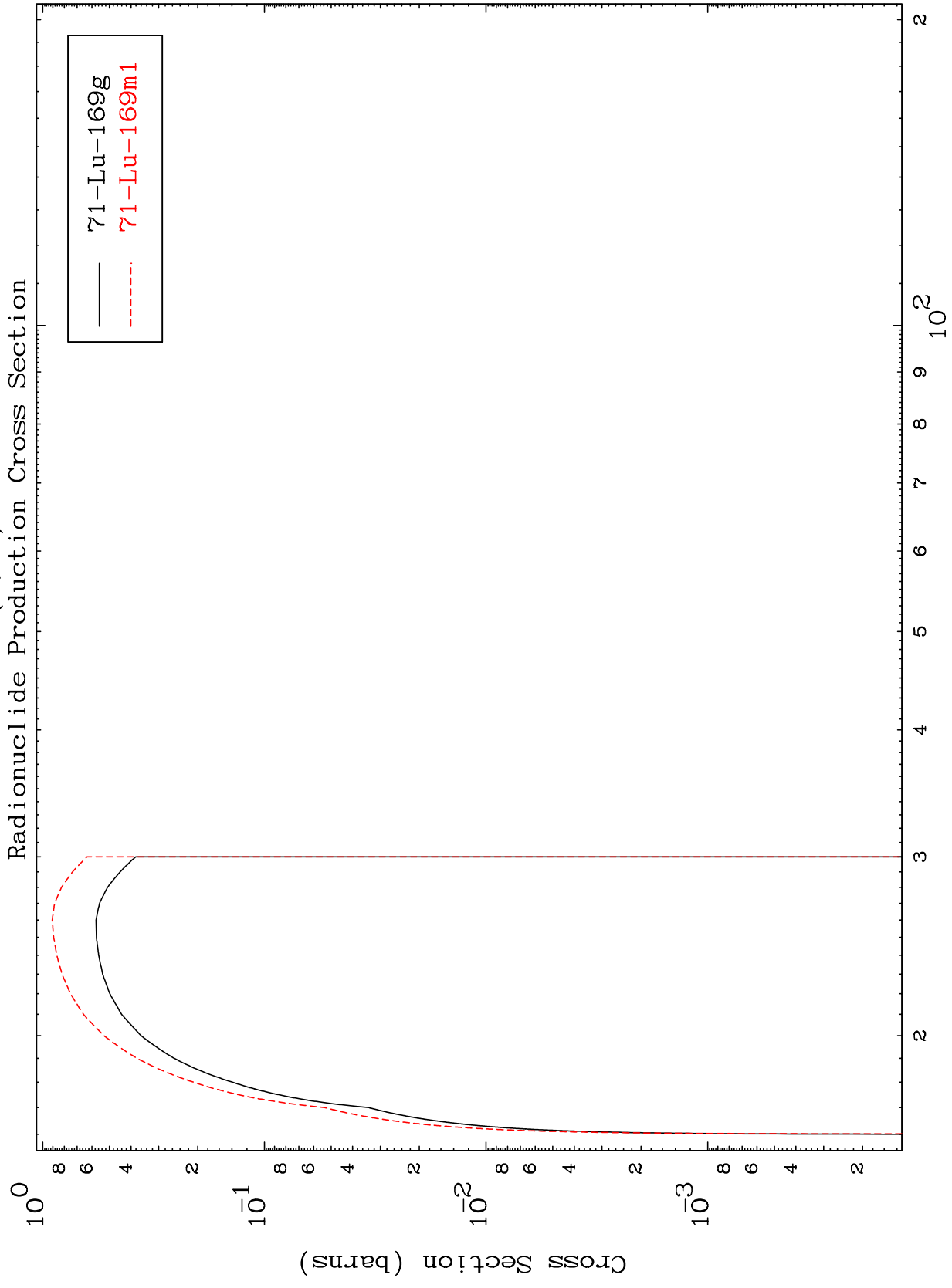
71-Lu-171



MAT 7113

(n,3n)

<sup>71</sup>Lu-171



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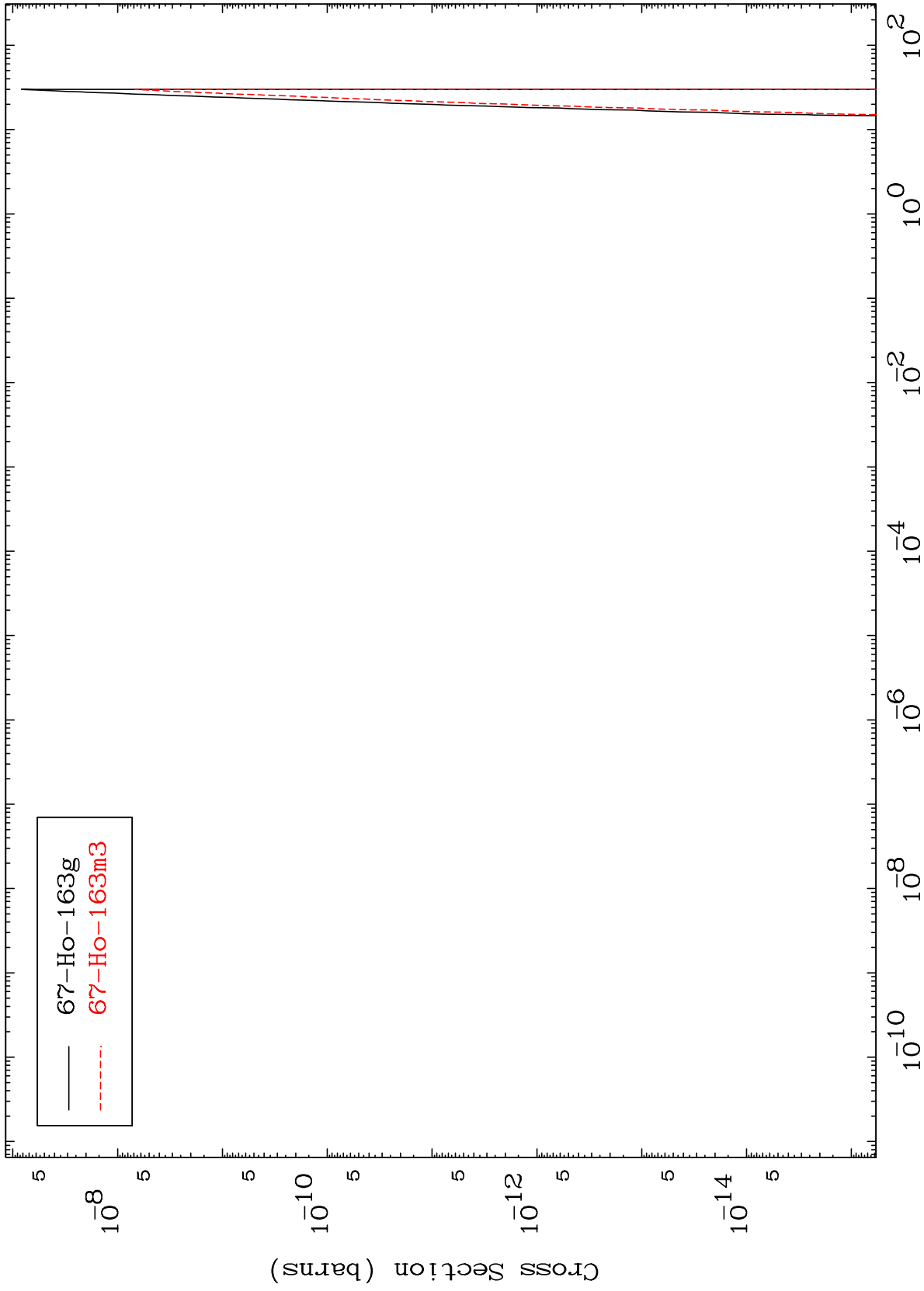
<sup>71</sup>Lu-171

MAT 7113

(n,n') 2 $\alpha$

71-Lu-171

Radionuclide Production Cross Section



139

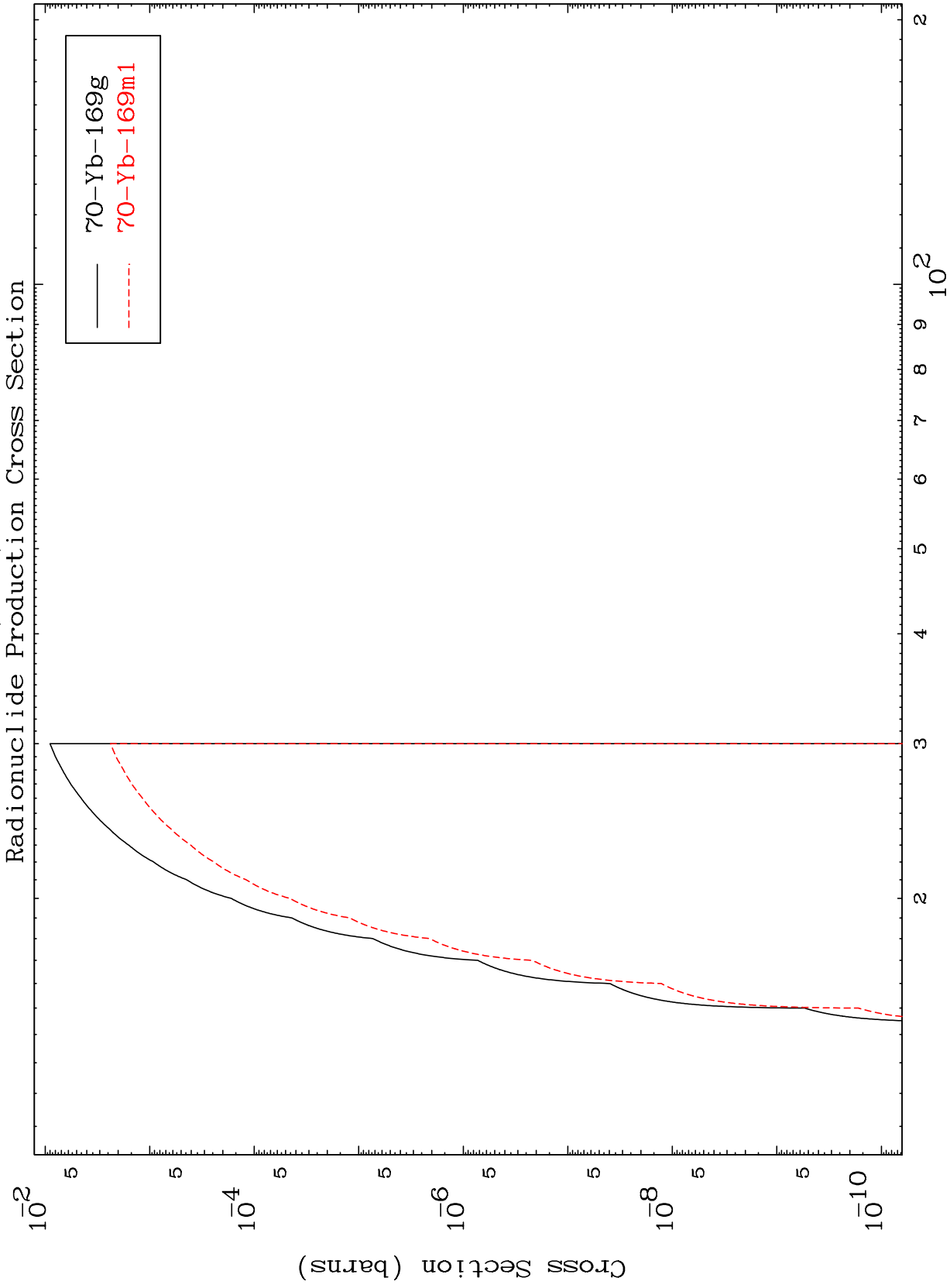
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n, n') d

71-Lu-171



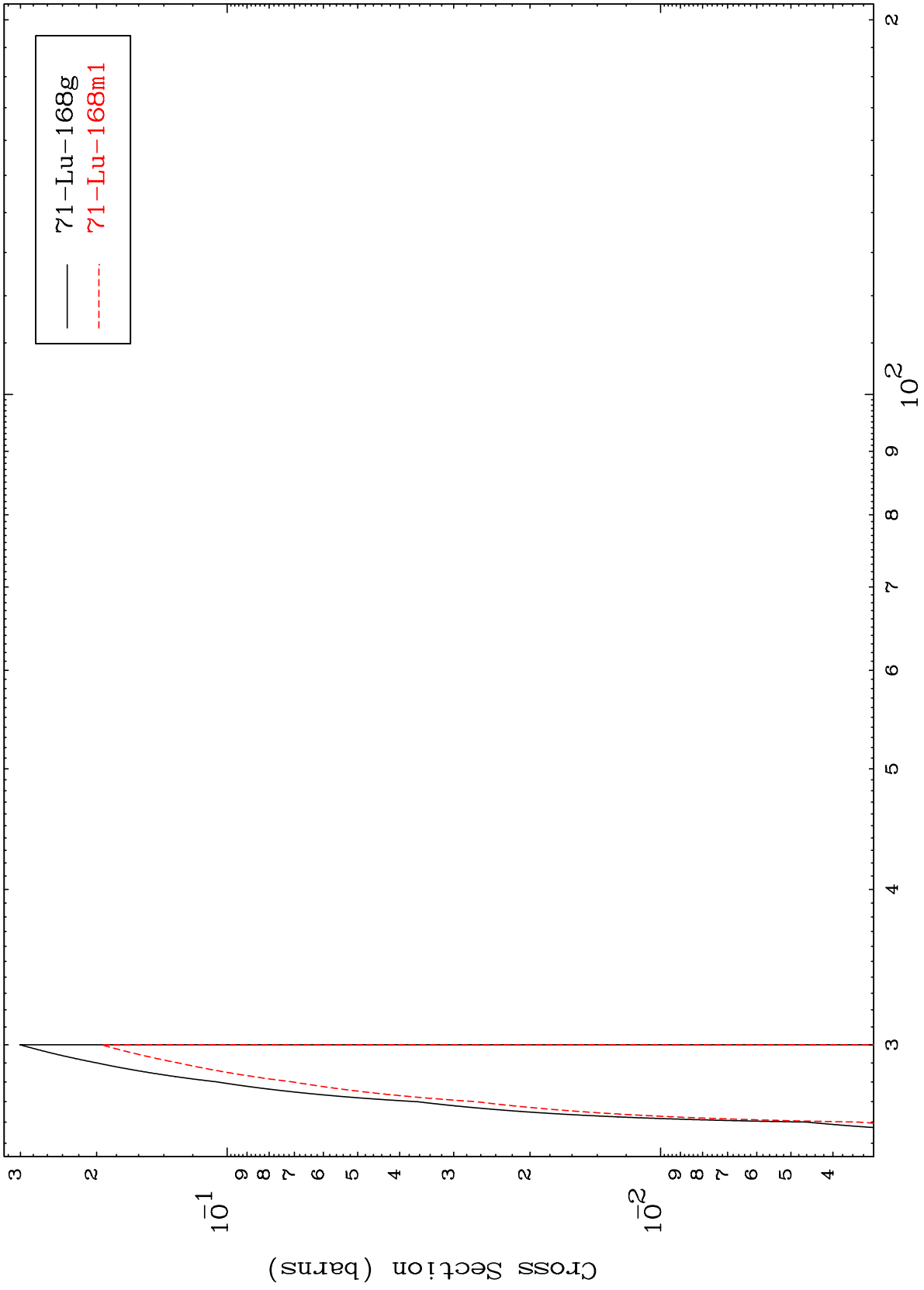
140

71-Lu-171

MAT 7113

<sup>71</sup>Lu-171

(n,4n)  
Radionuclide Production Cross Section



141

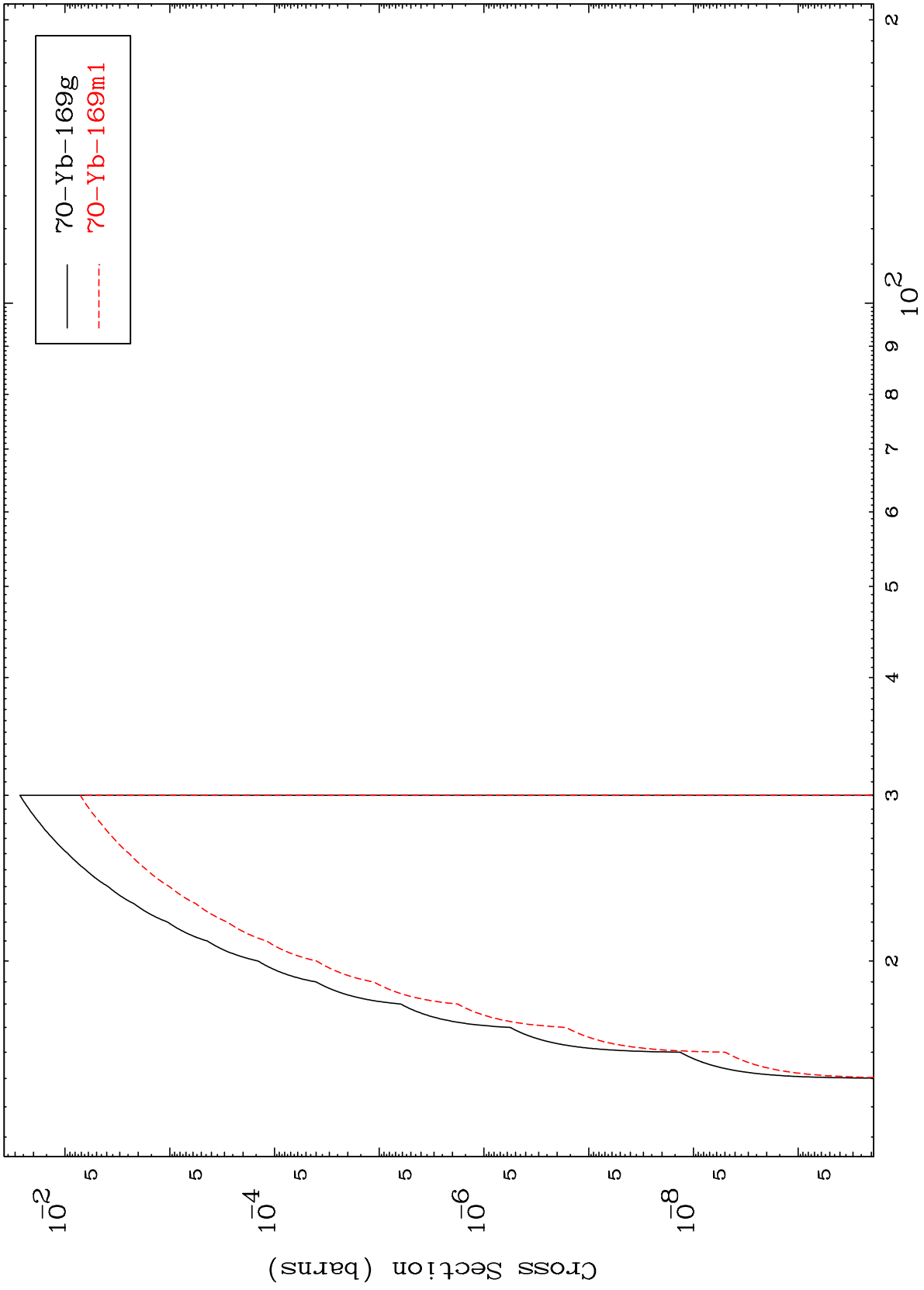
<sup>71</sup>Lu-171

MAT 7113

(n,2n) p

71-Lu-171

Radionuclide Production Cross Section



142

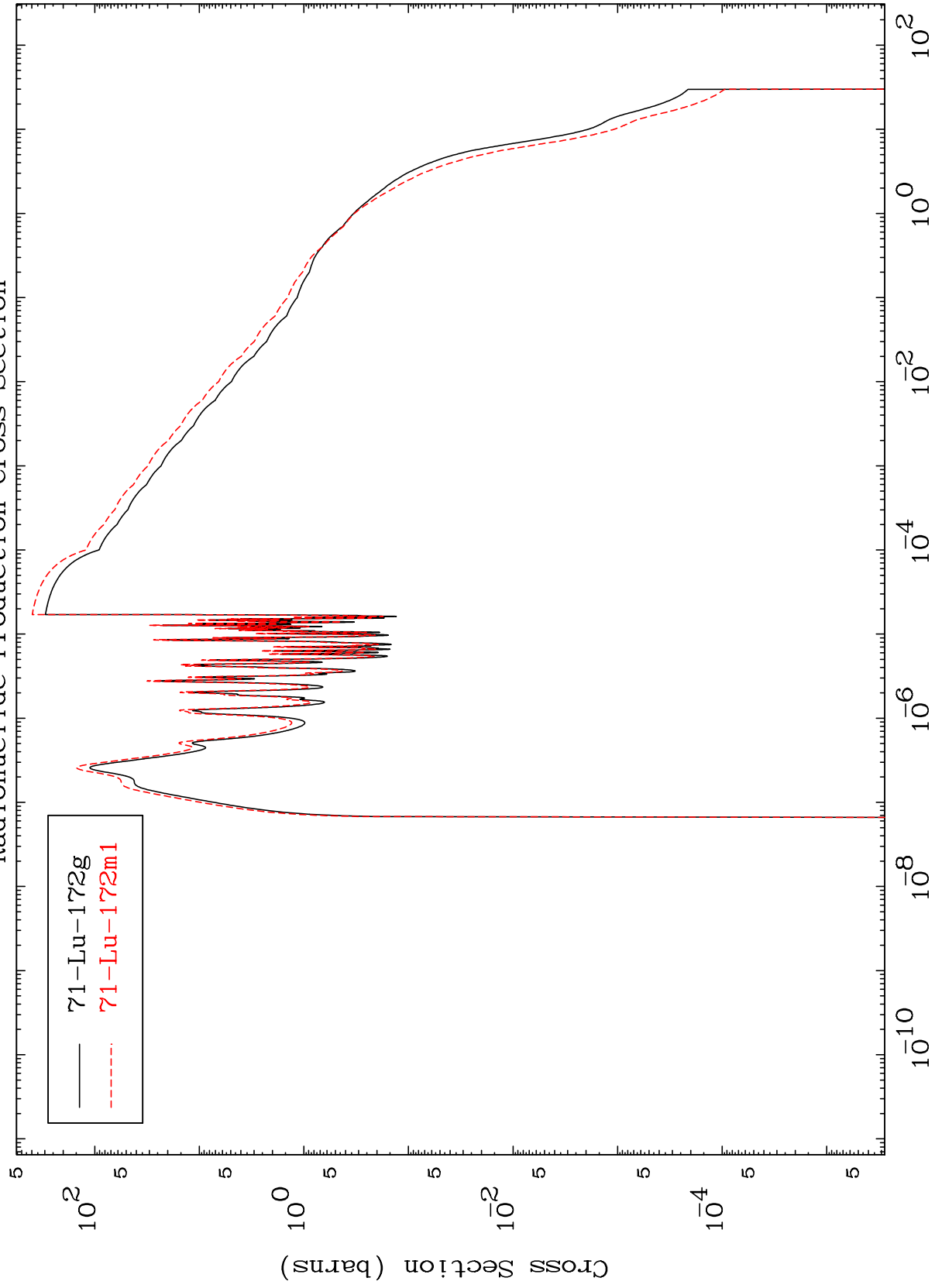
Incident Energy (MeV)

71-Lu-171

MAT 7113

71-Lu-171

Radionuclide Production Cross Section (n,γ)



143

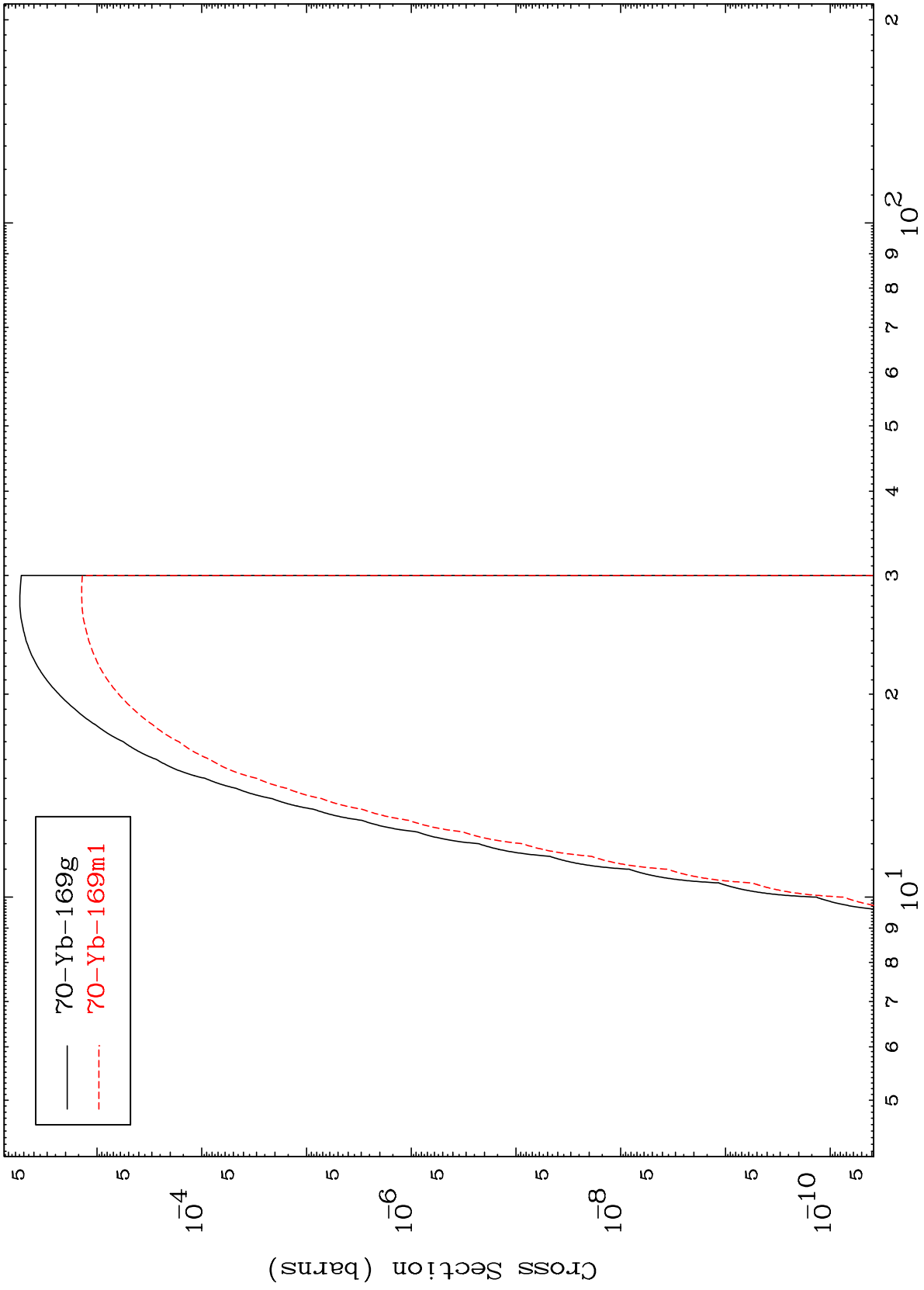
71-Lu-171



MAT 7113

71-Lu-171

Radionuclide Production Cross Section



144

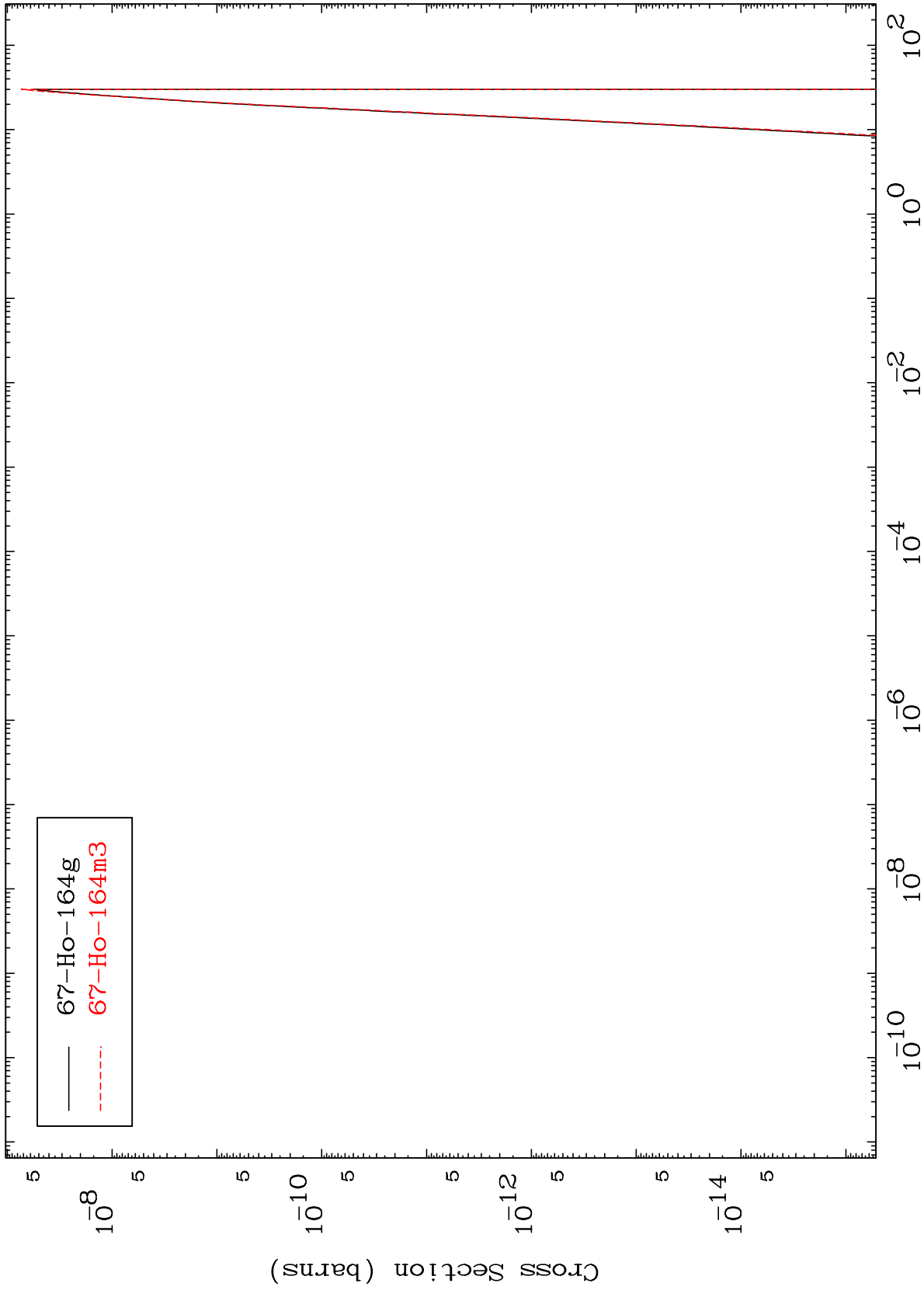
71-Lu-171

MAT 7113

(n,2α)

71-Lu-171

Radionuclide Production Cross Section



145

Incident Energy (MeV)

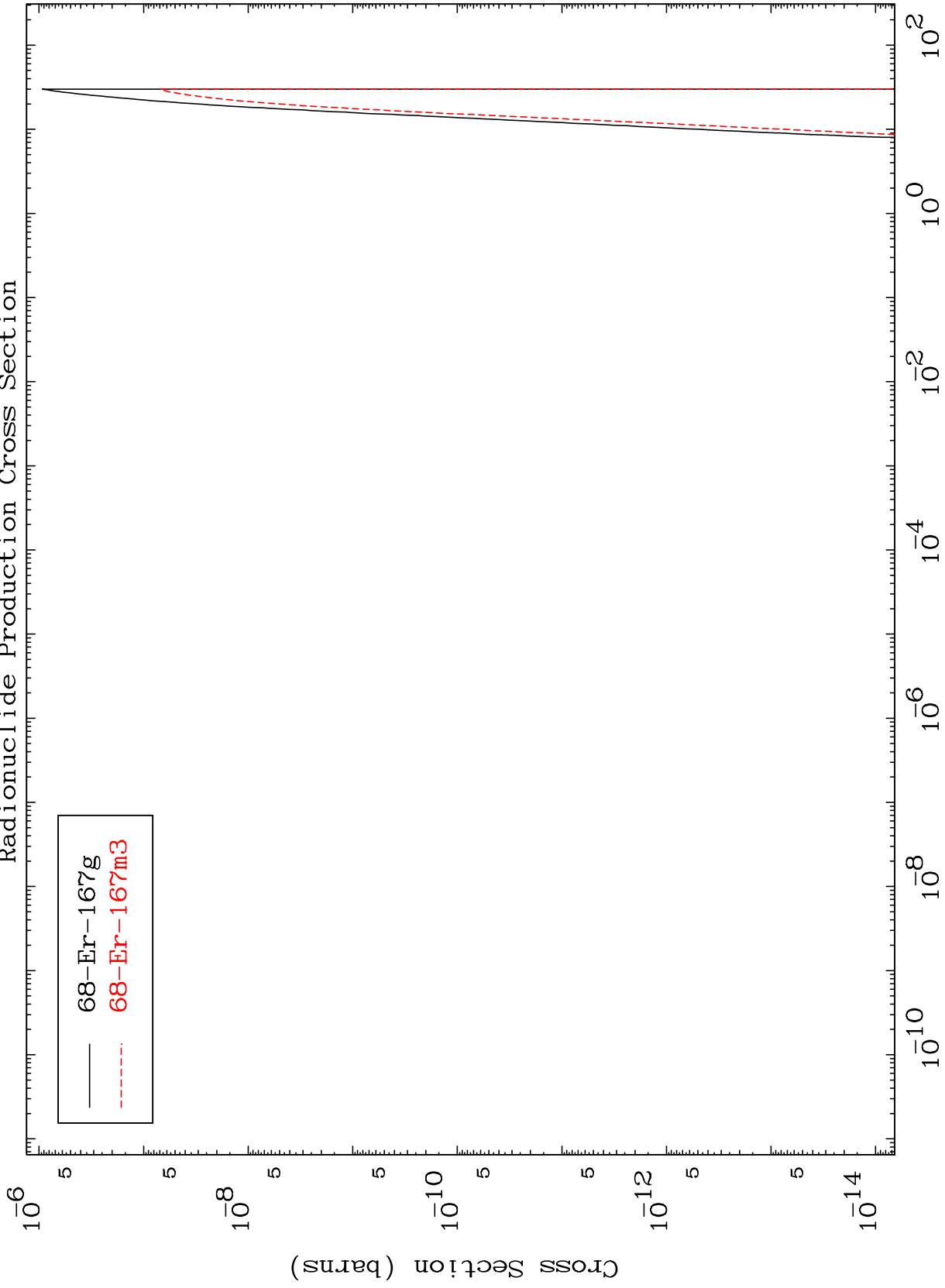
71-Lu-171

MAT 7113

(n,p)  $\alpha$

<sup>71</sup>Lu-171

Radionuclide Production Cross Section



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Incident Energy (MeV)

<sup>71</sup>Lu-171