

Program EVALPLOT
(Version 2018-1)

by

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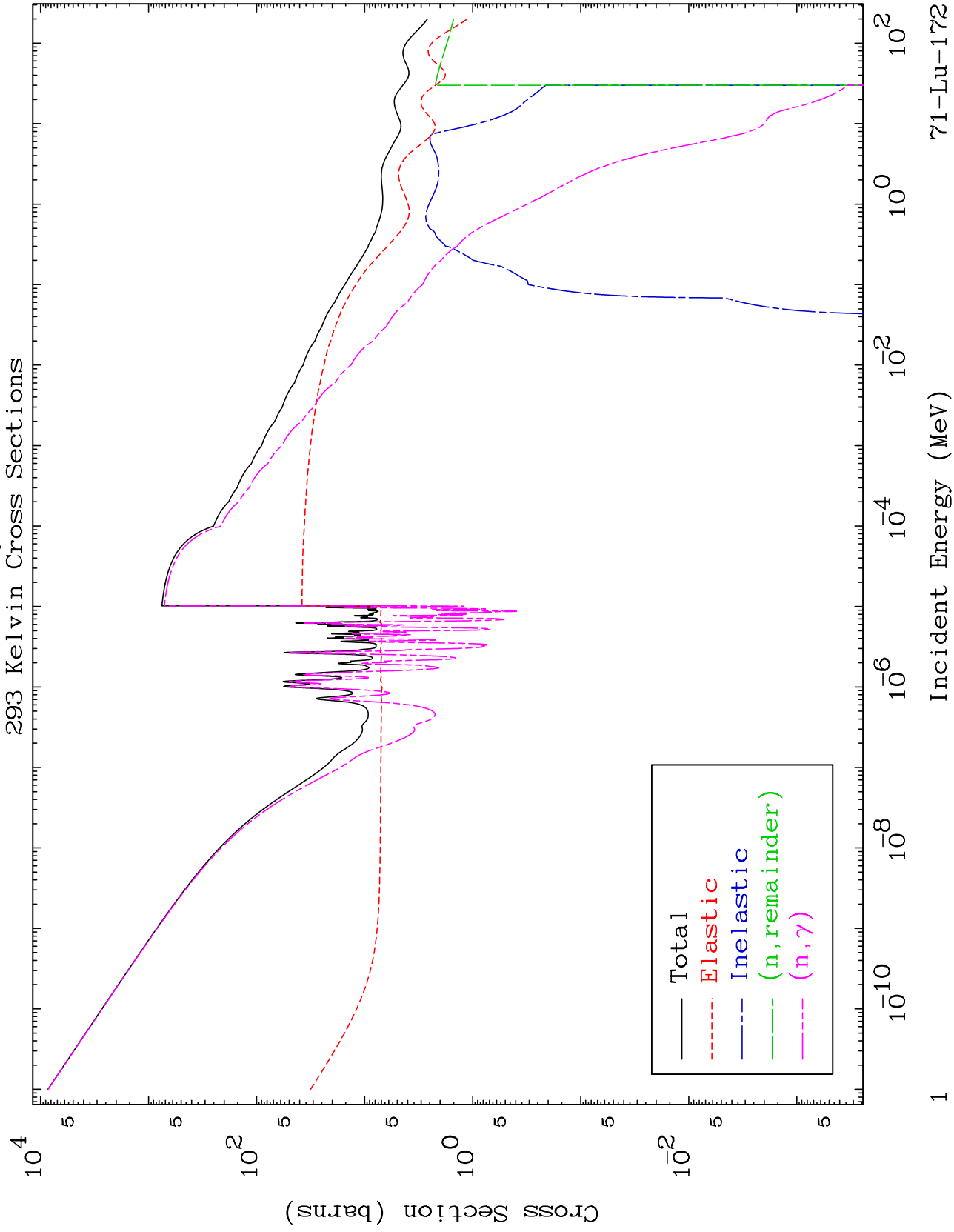
Press Mouse Button to Start

MAT 7116

Major

293 Kelvin Cross Sections

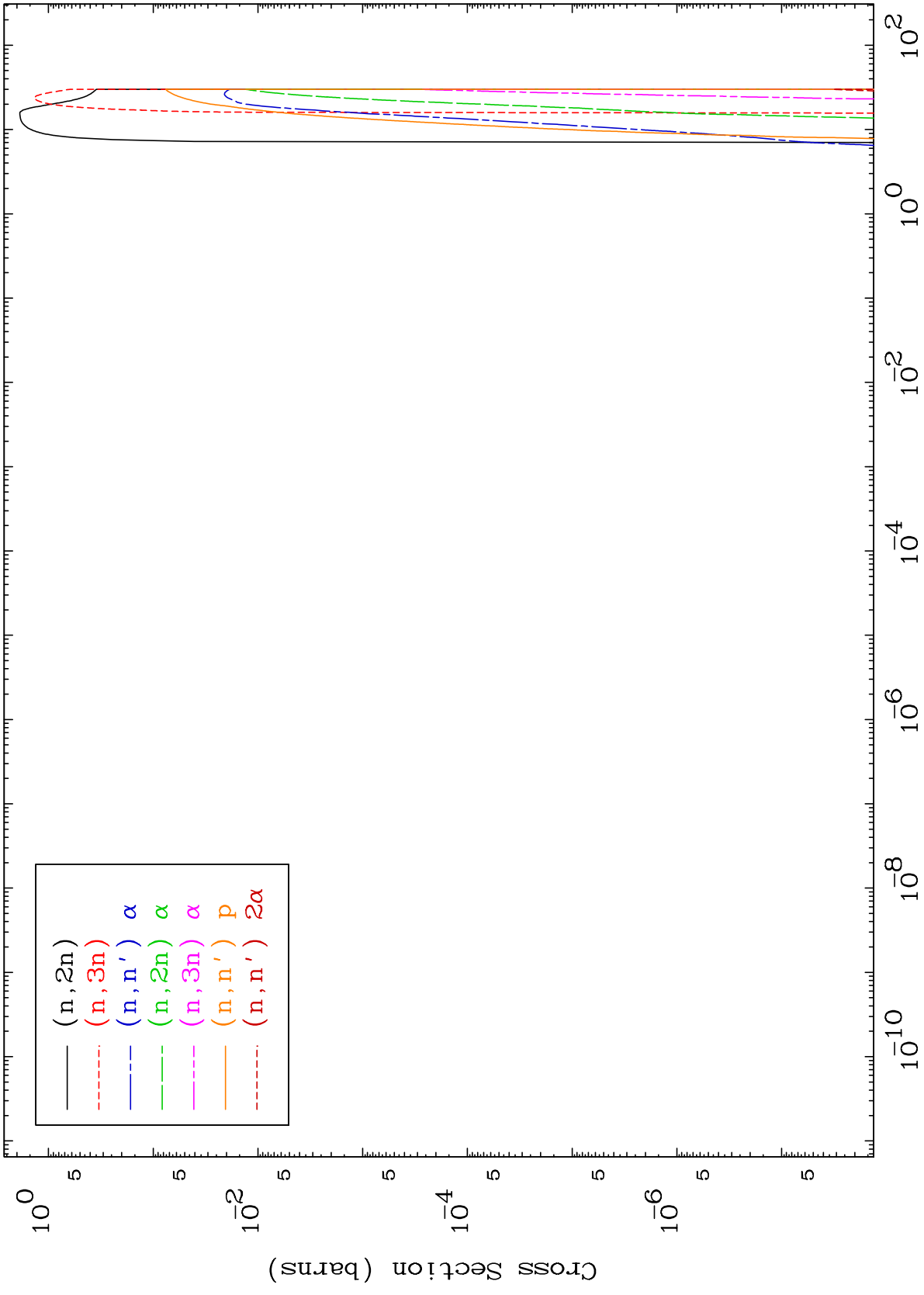
71-Lu-172



MAT 7116

Neutron Production
293 Kelvin Cross Sections

71-Lu-172

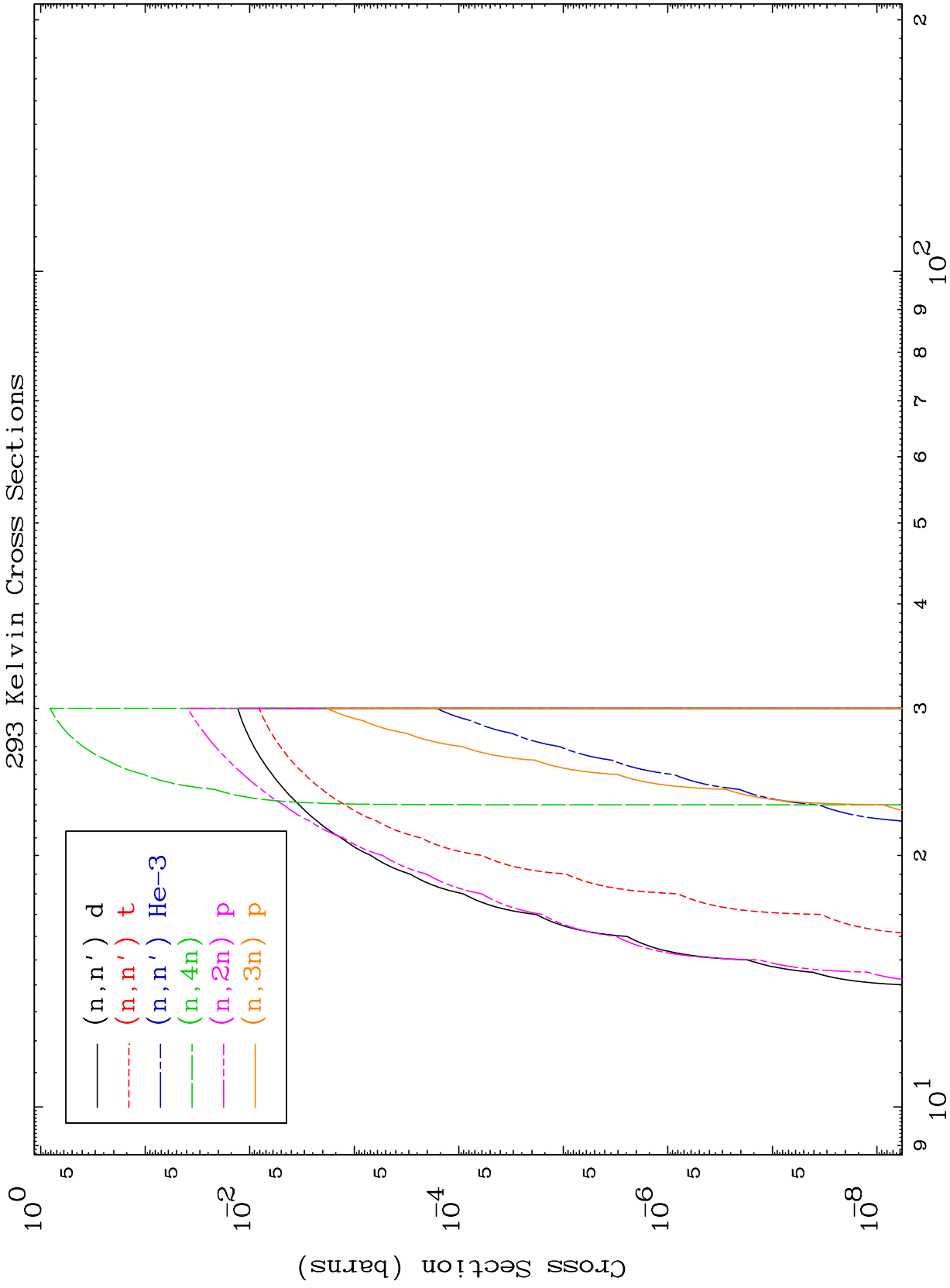


71-Lu-172

MAT 7116

Neutron Production
293 Kelvin Cross Sections

71-Lu-172



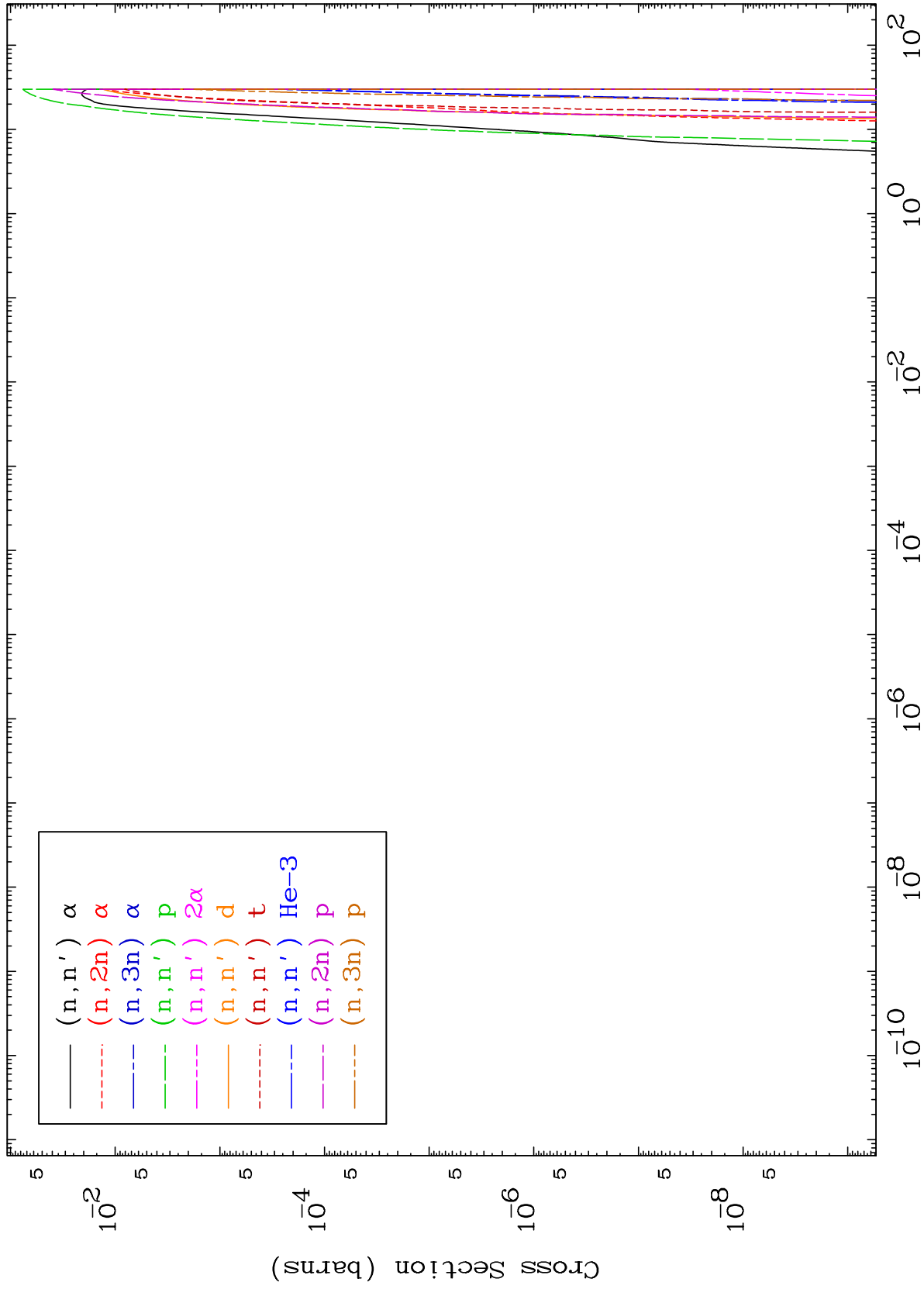
Incident Energy (MeV)

71-Lu-172

MAT 7116

Charged Particle
293 Kelvin Cross Sections

71-Lu-172



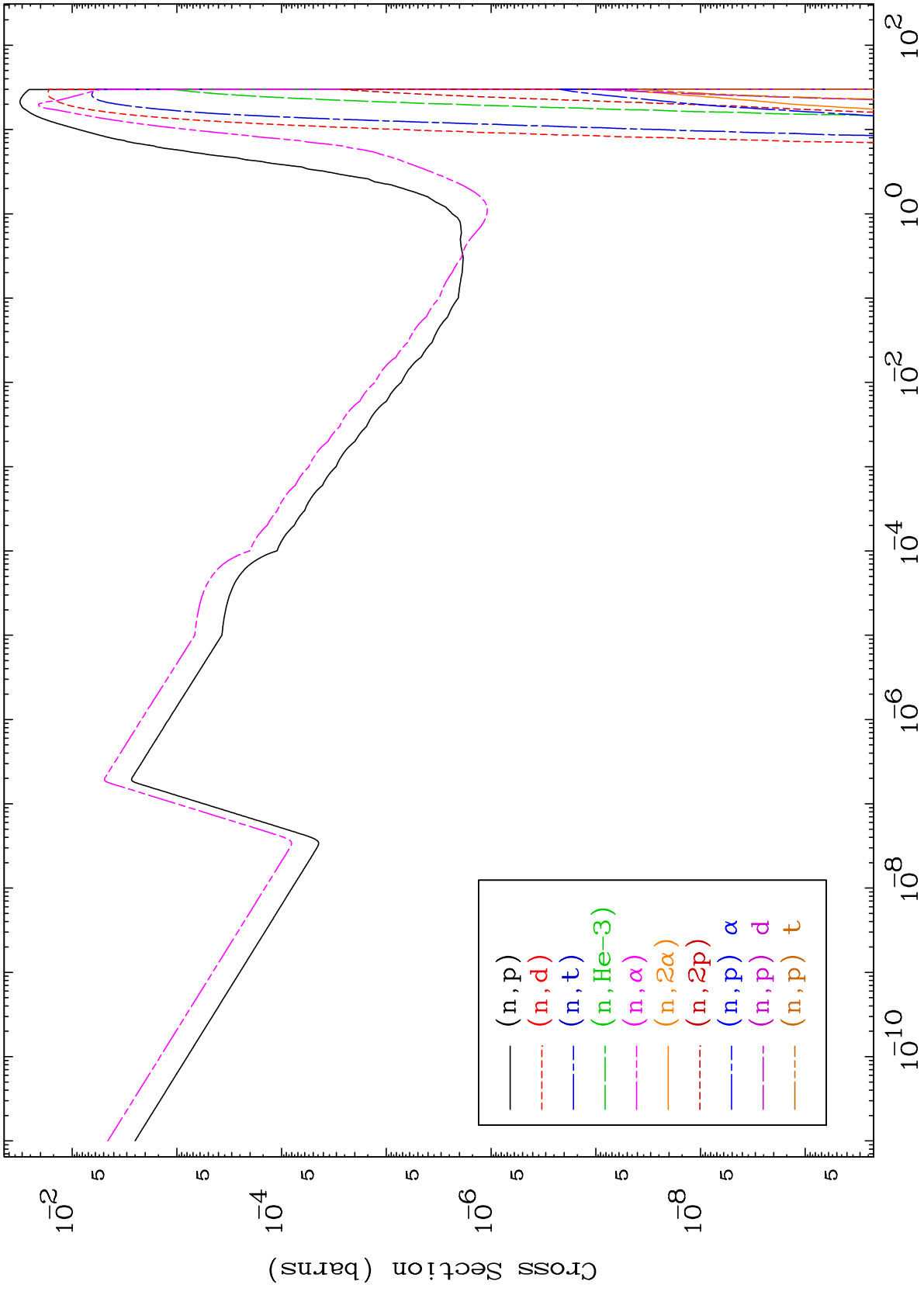
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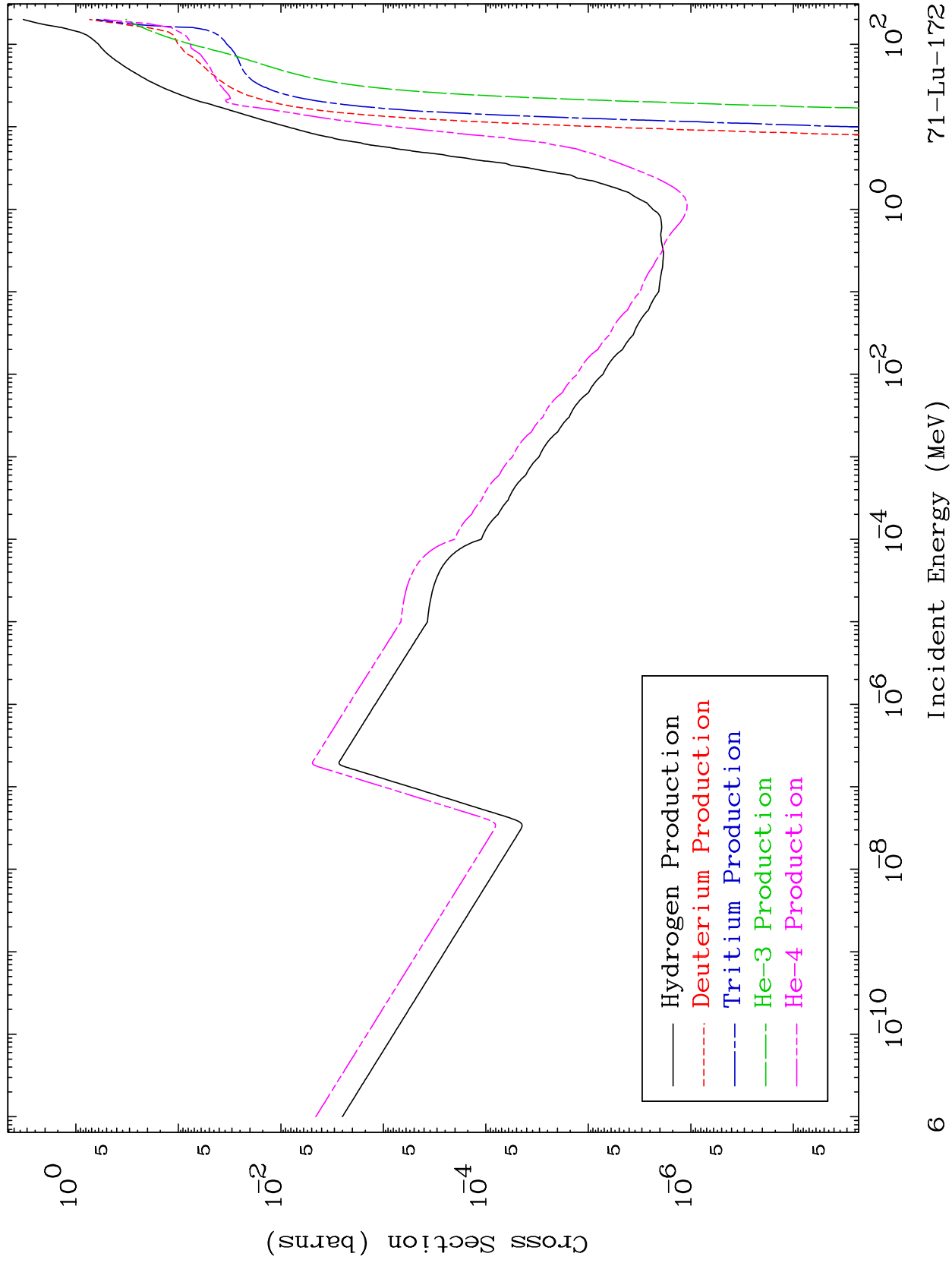
Incident Energy (MeV)

MAT 7116

293 Kelvin Cross Sections

71-Lu-172





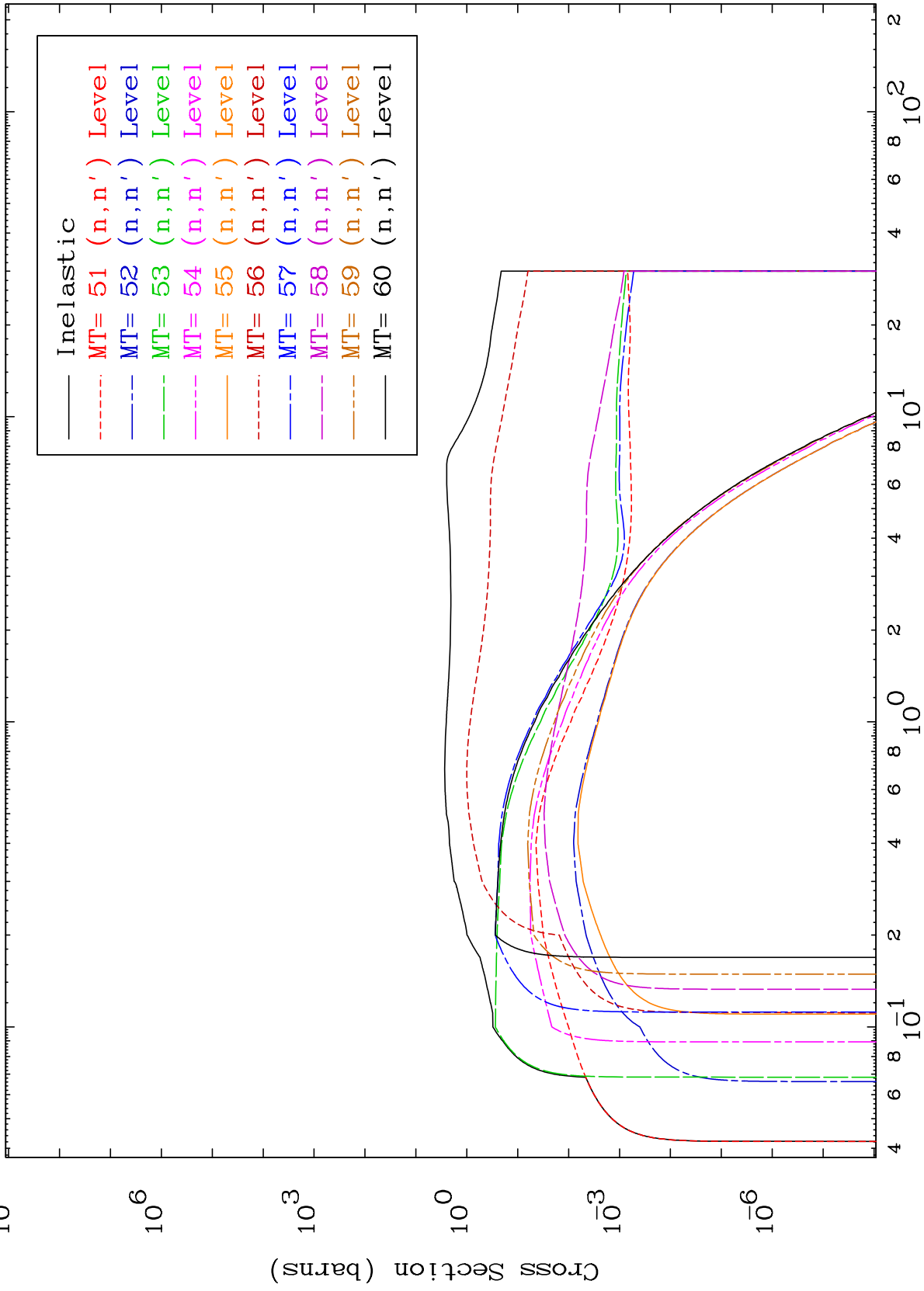
MAT 7116

(n,n') Level

71-Lu-172

293 Kelvin Cross Sections

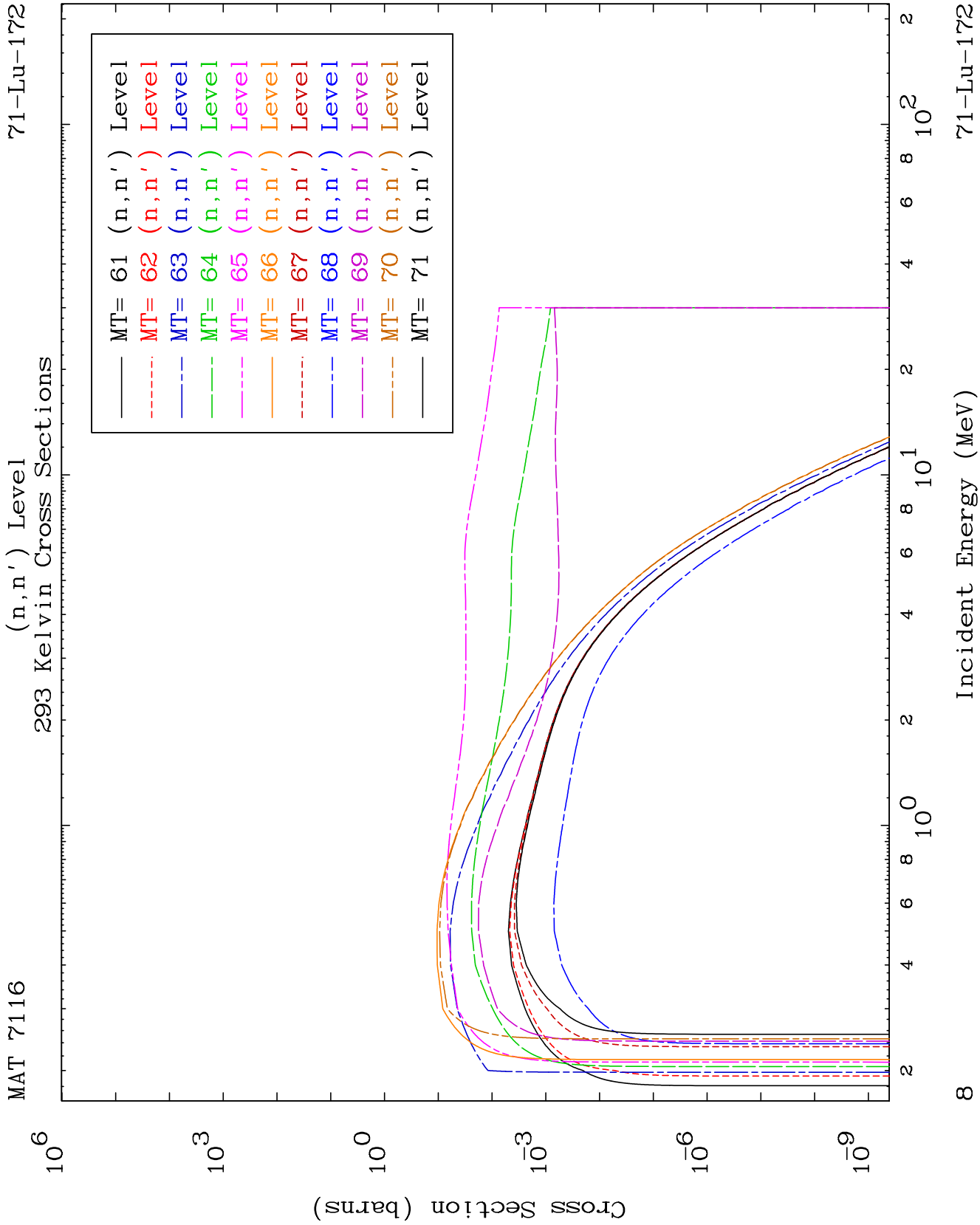
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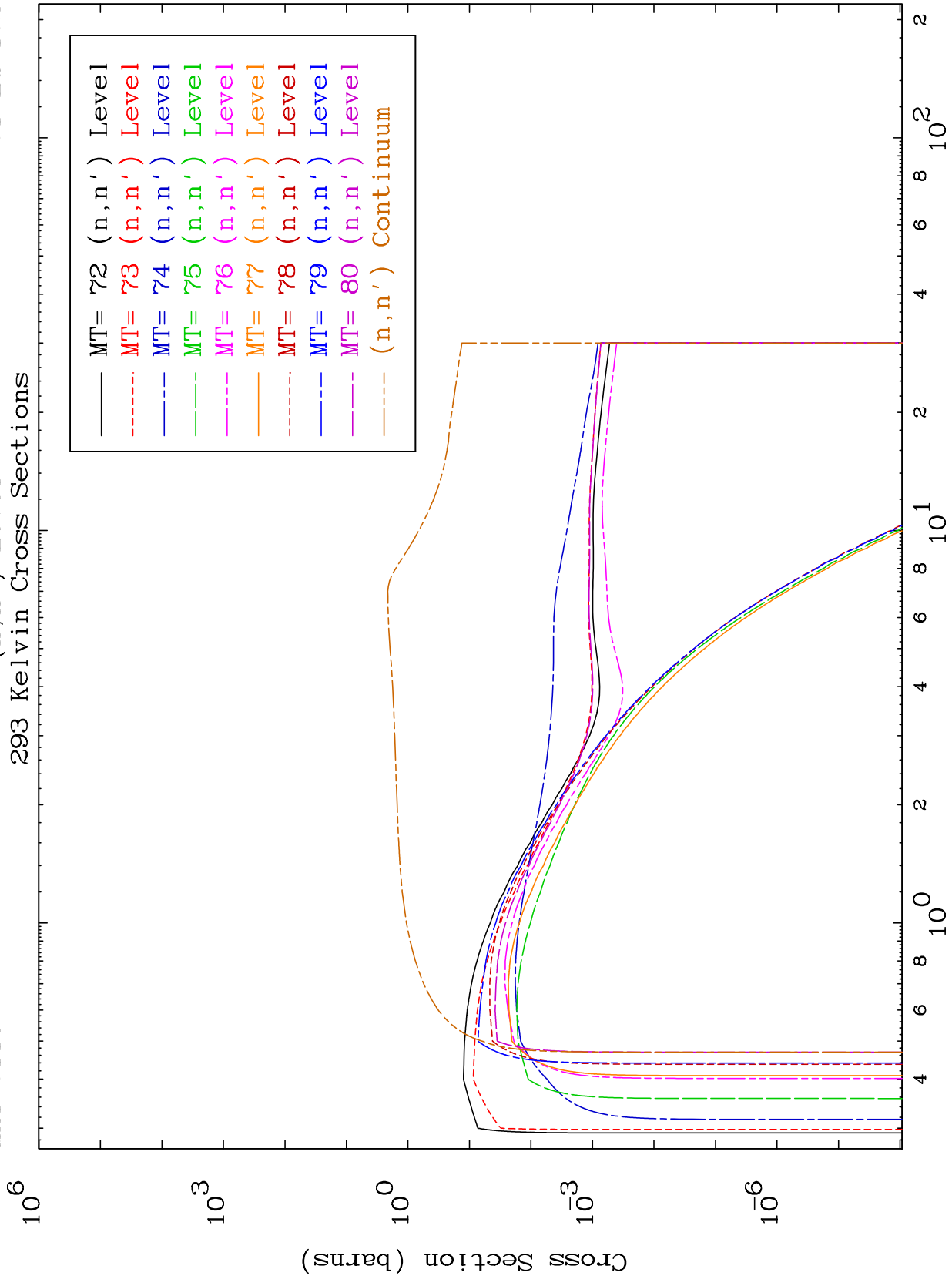


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Incident Energy (MeV)

71-Lu-172

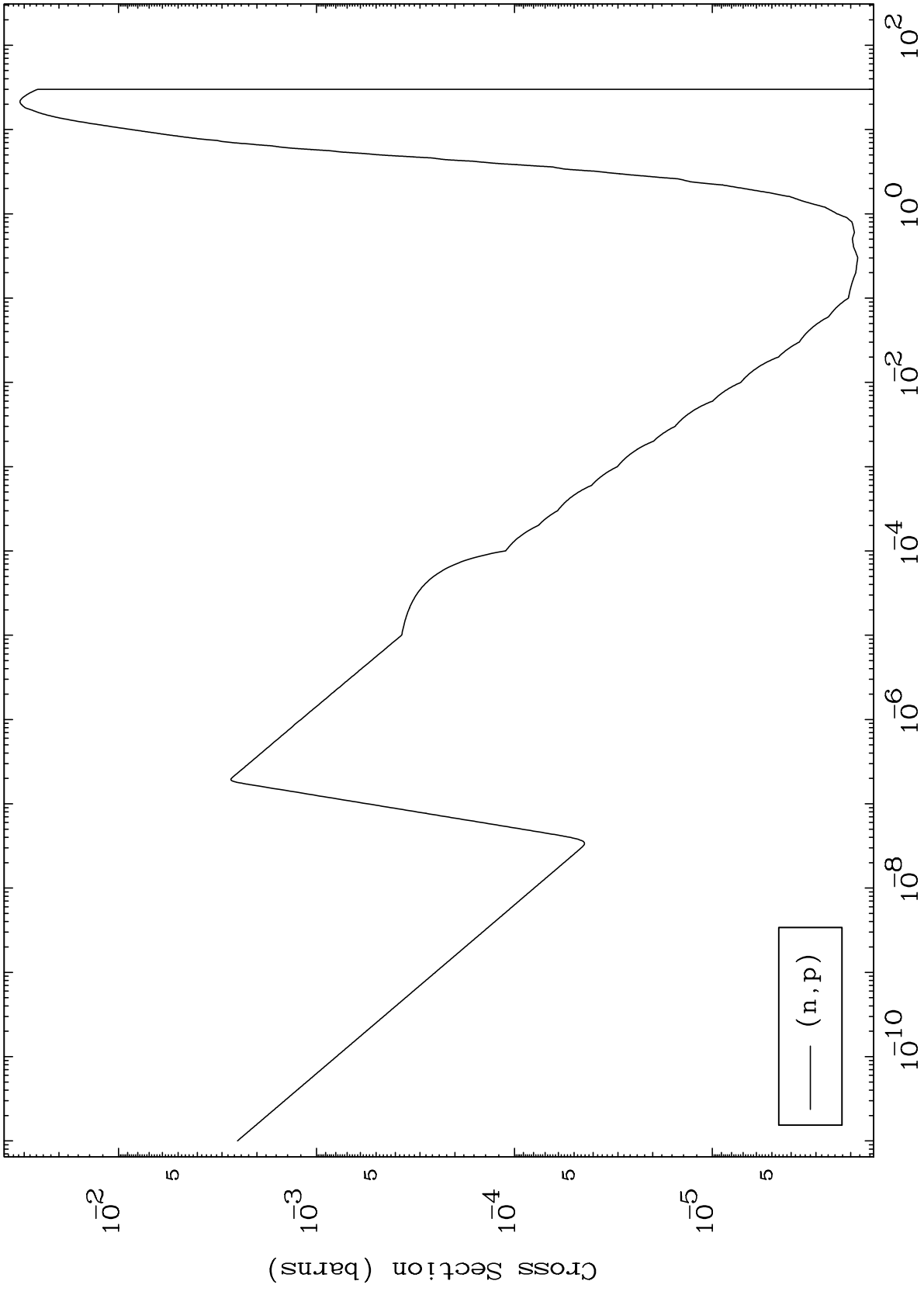




MAT 7116

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-172



10

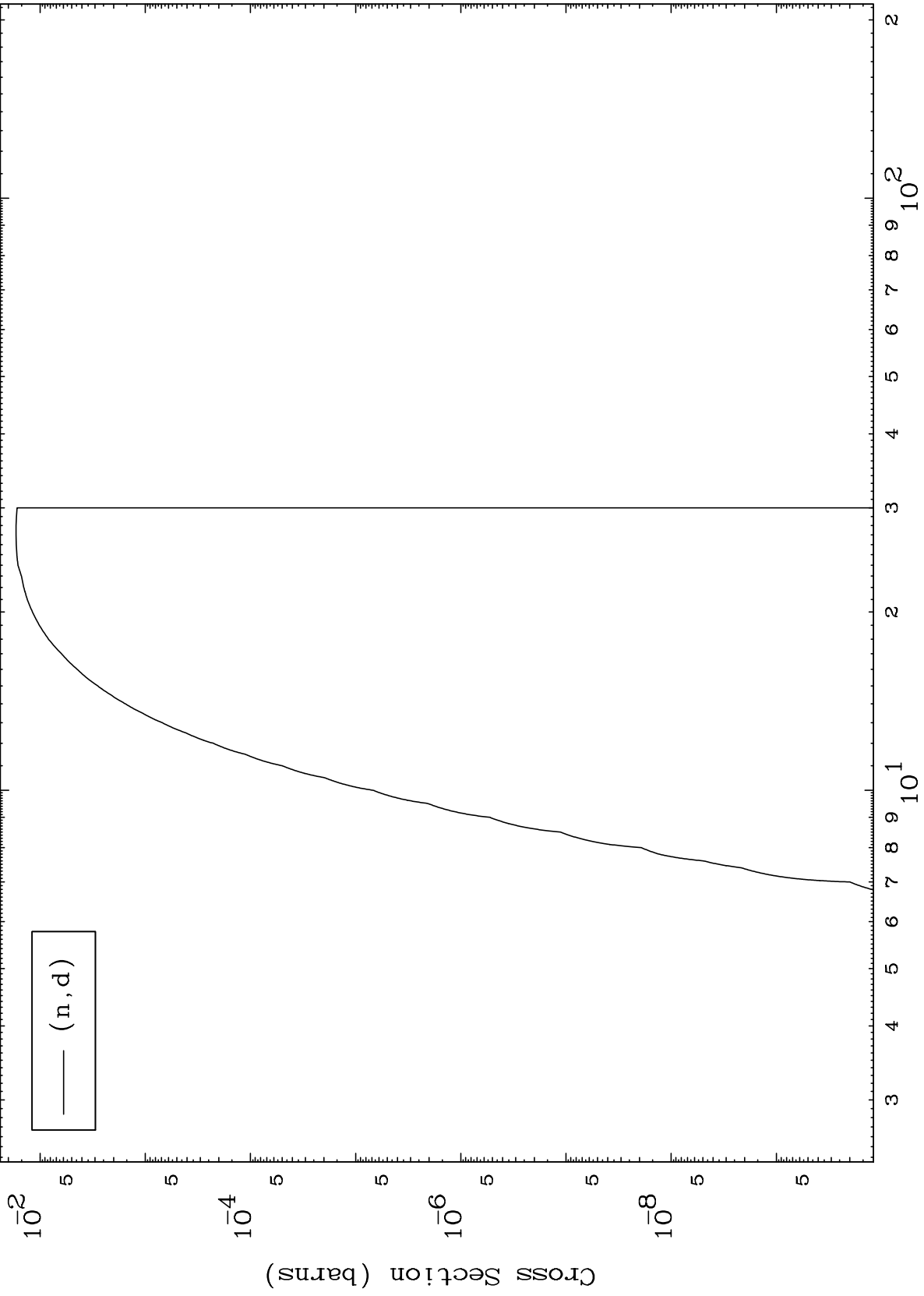
Incident Energy (MeV)

71-Lu-172

MAT 7116

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-172



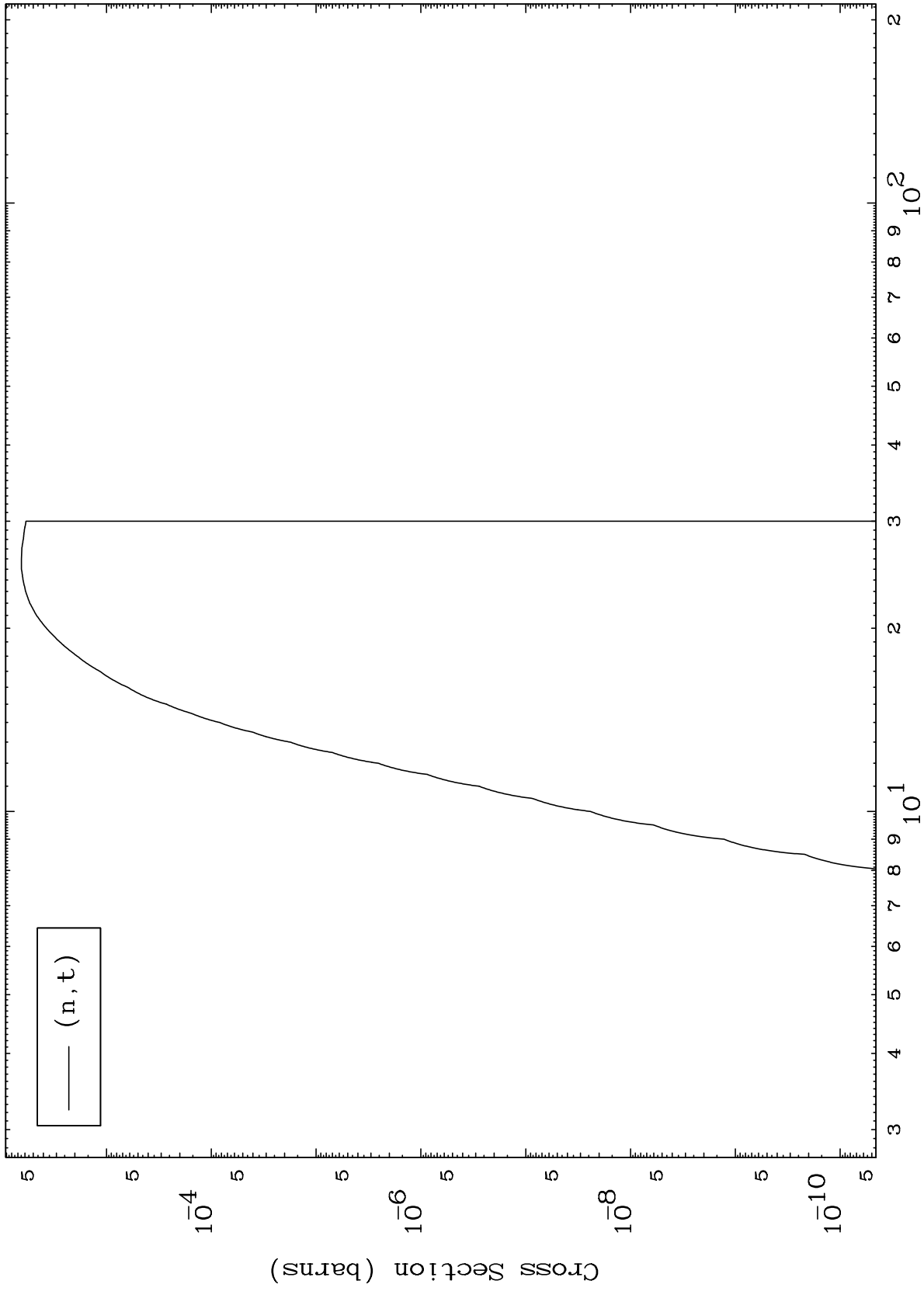
11

71-Lu-172

MAT 7116

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-172



12

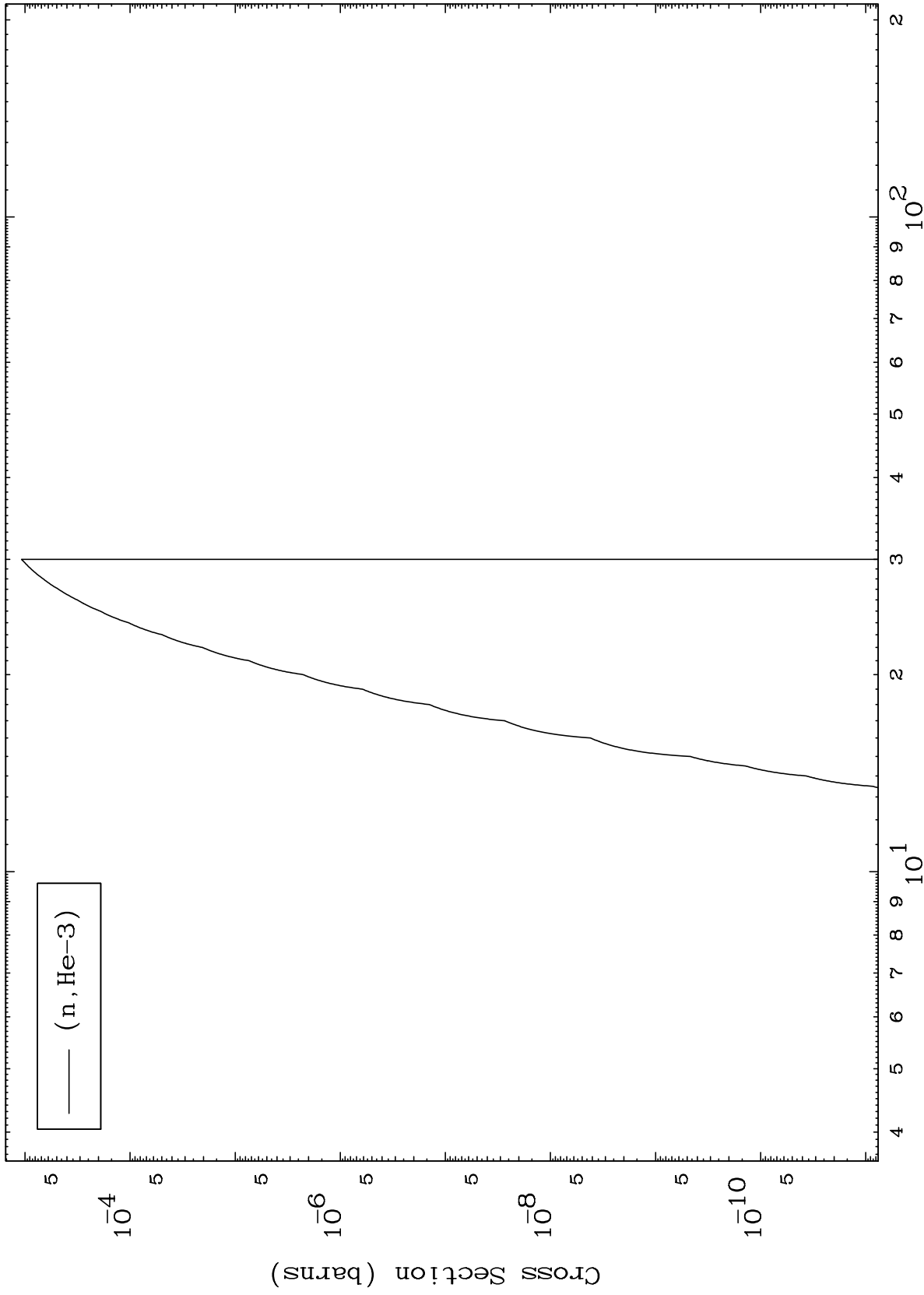
Incident Energy (MeV)

71-Lu-172

MAT 7116

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-172



13

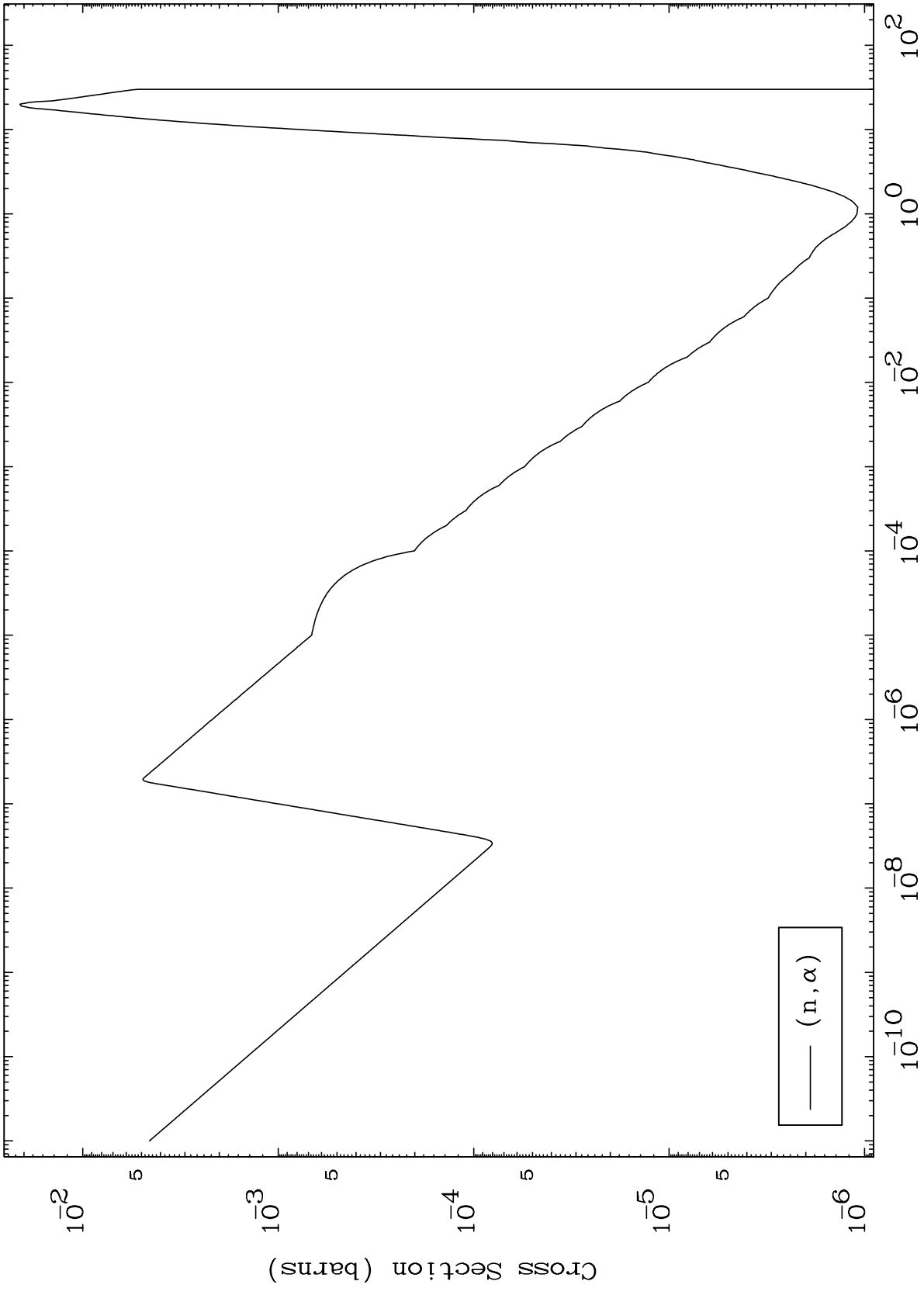
Incident Energy (MeV)

71-Lu-172

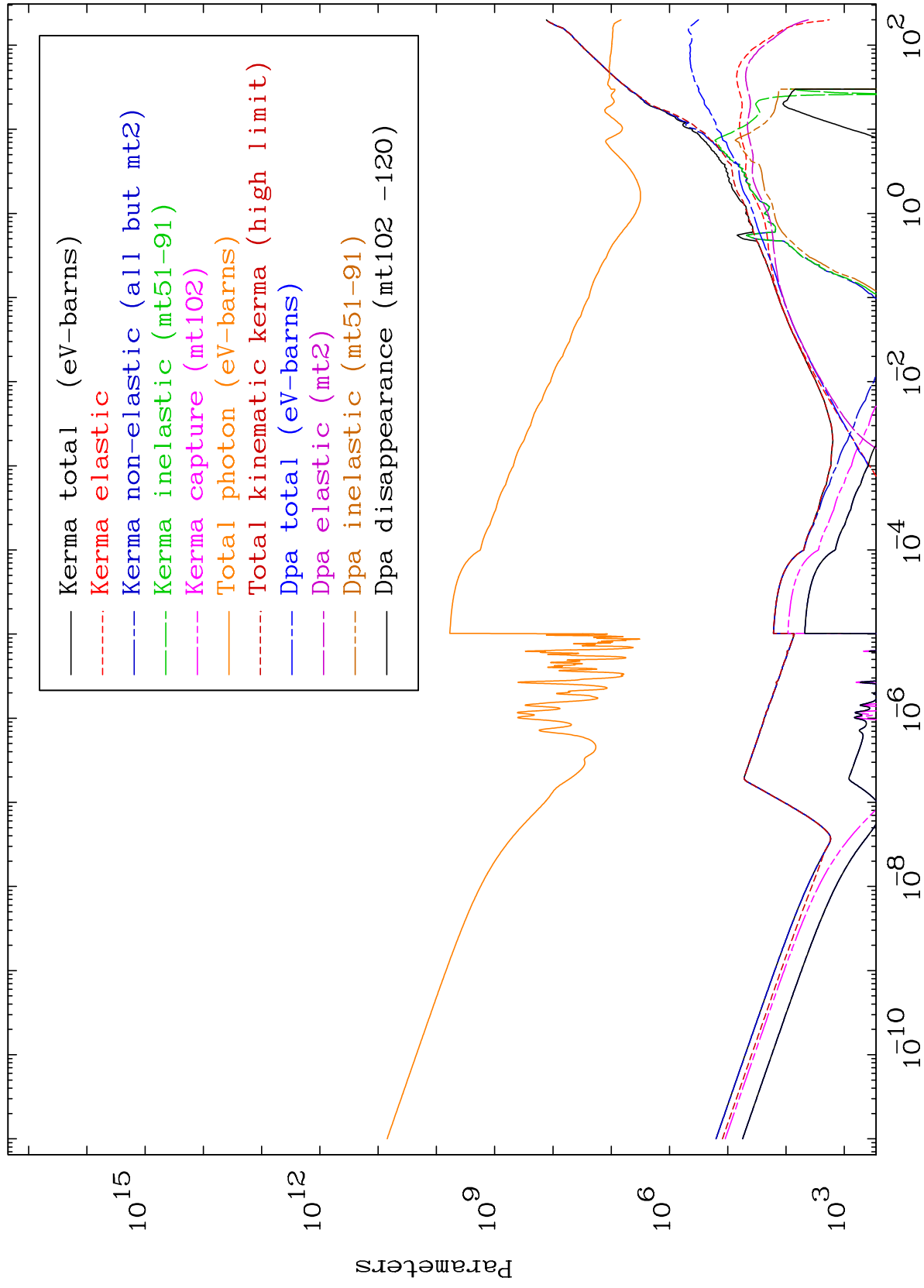
MAT 7116

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-172



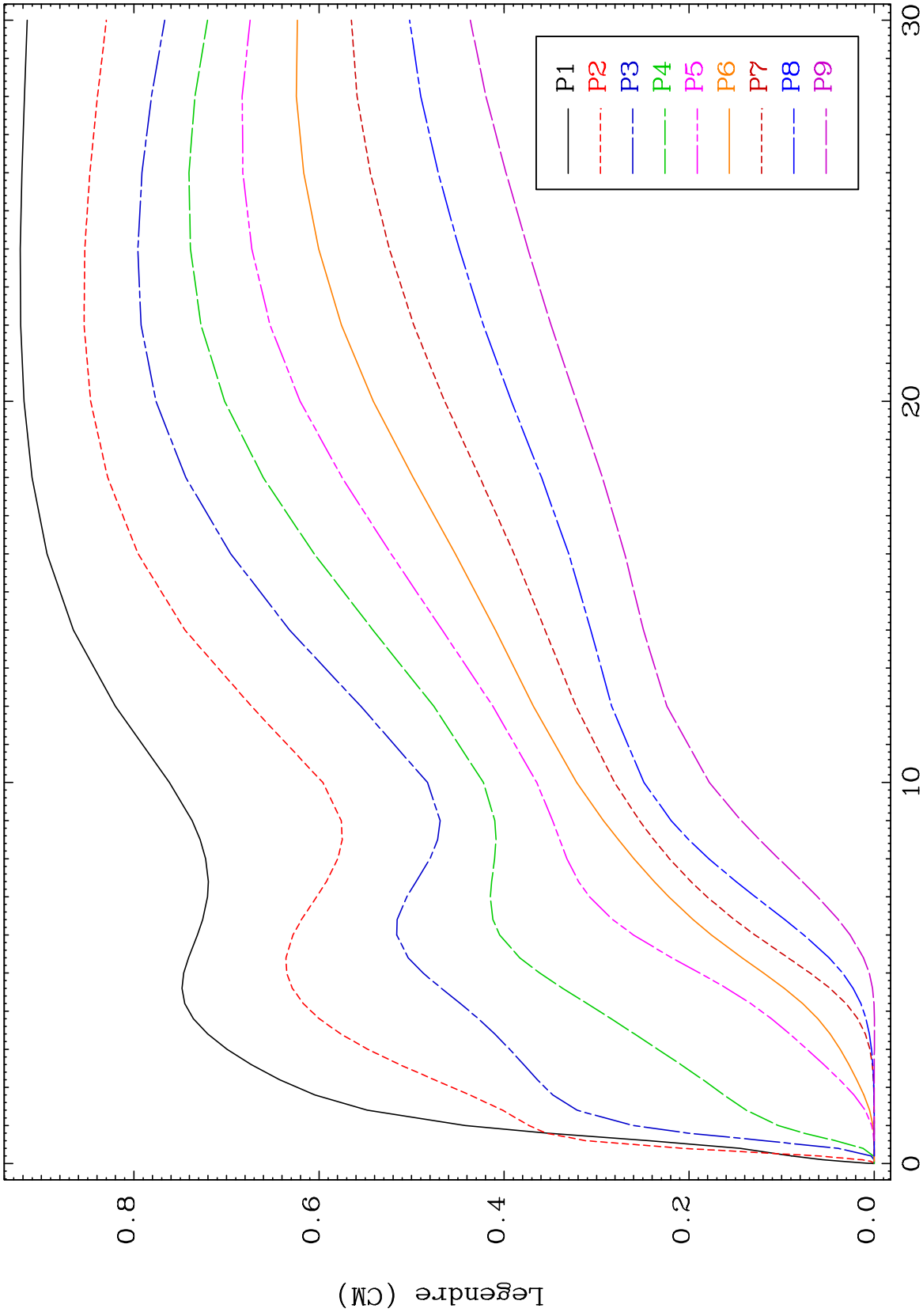
71-Lu-172



MAT 7116

Elastic Legendre Coefficients

71-Lu-172



16

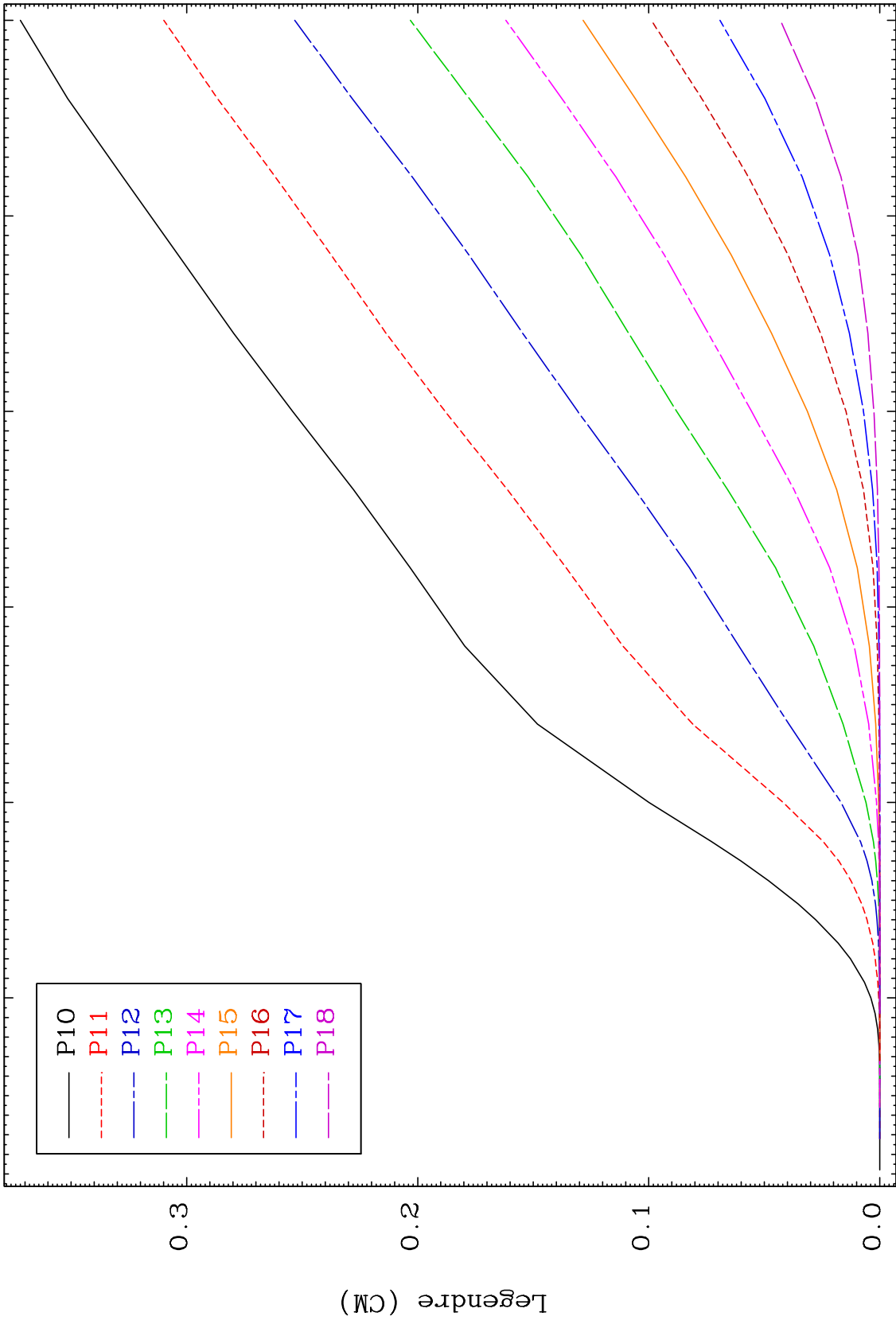
Incident Energy (MeV)

71-Lu-172

MAT 7116

Elastic Legendre Coefficients

71-Lu-172



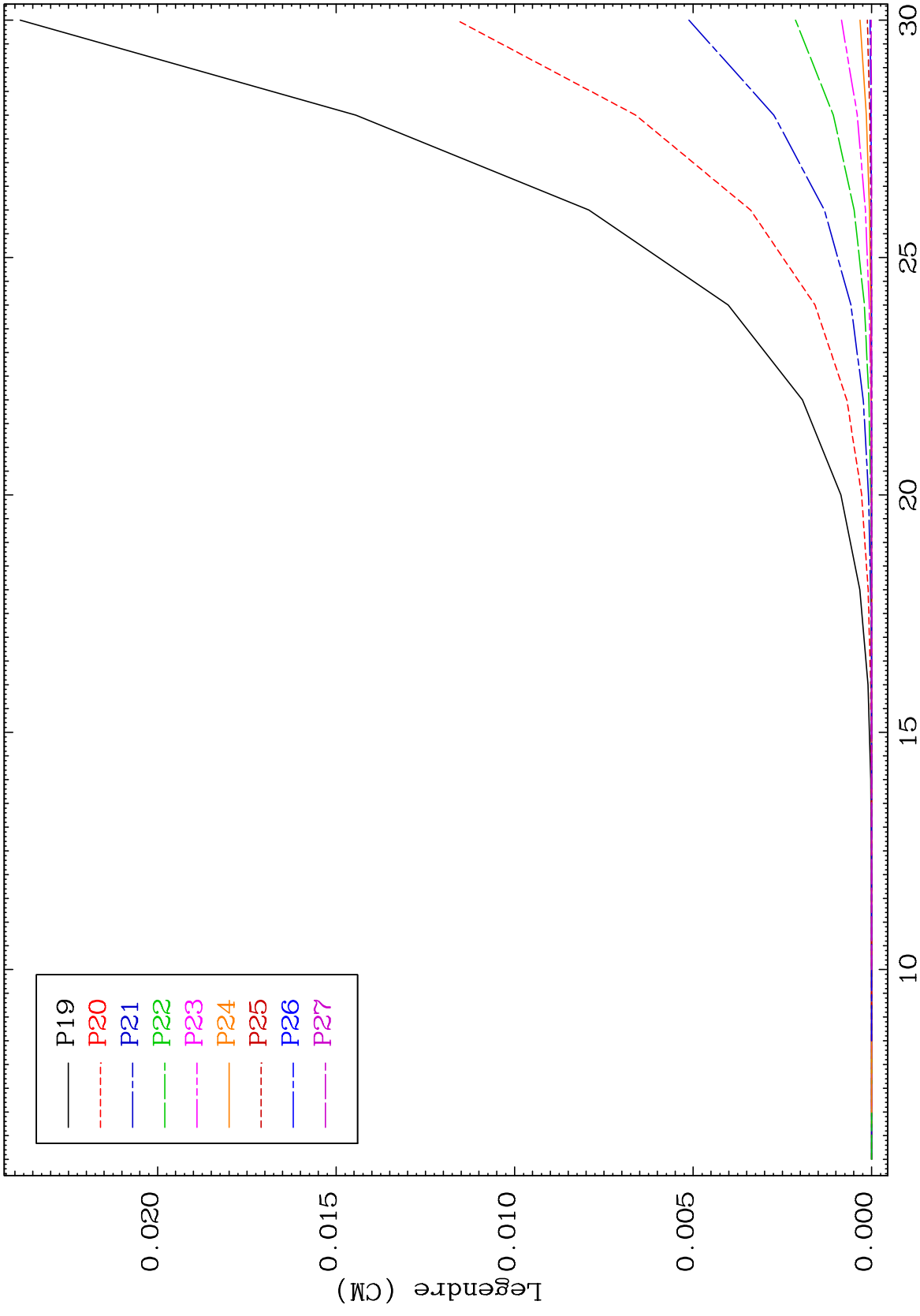
17

71-Lu-172

MAT 7116

Elastic Legendre Coefficients

71-Lu-172



18

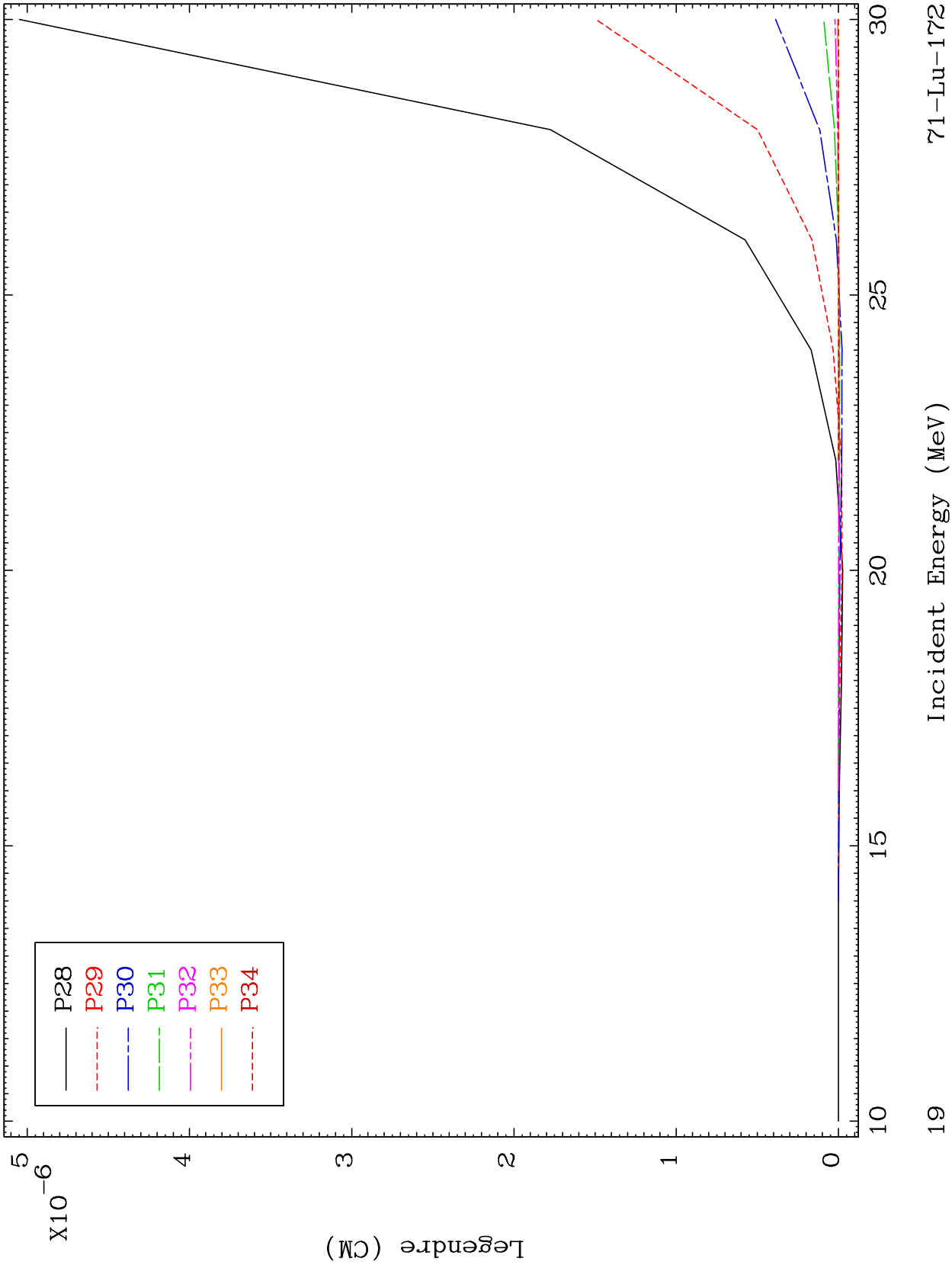
Incident Energy (MeV)

71-Lu-172

MAT 7116

Elastic Legendre Coefficients

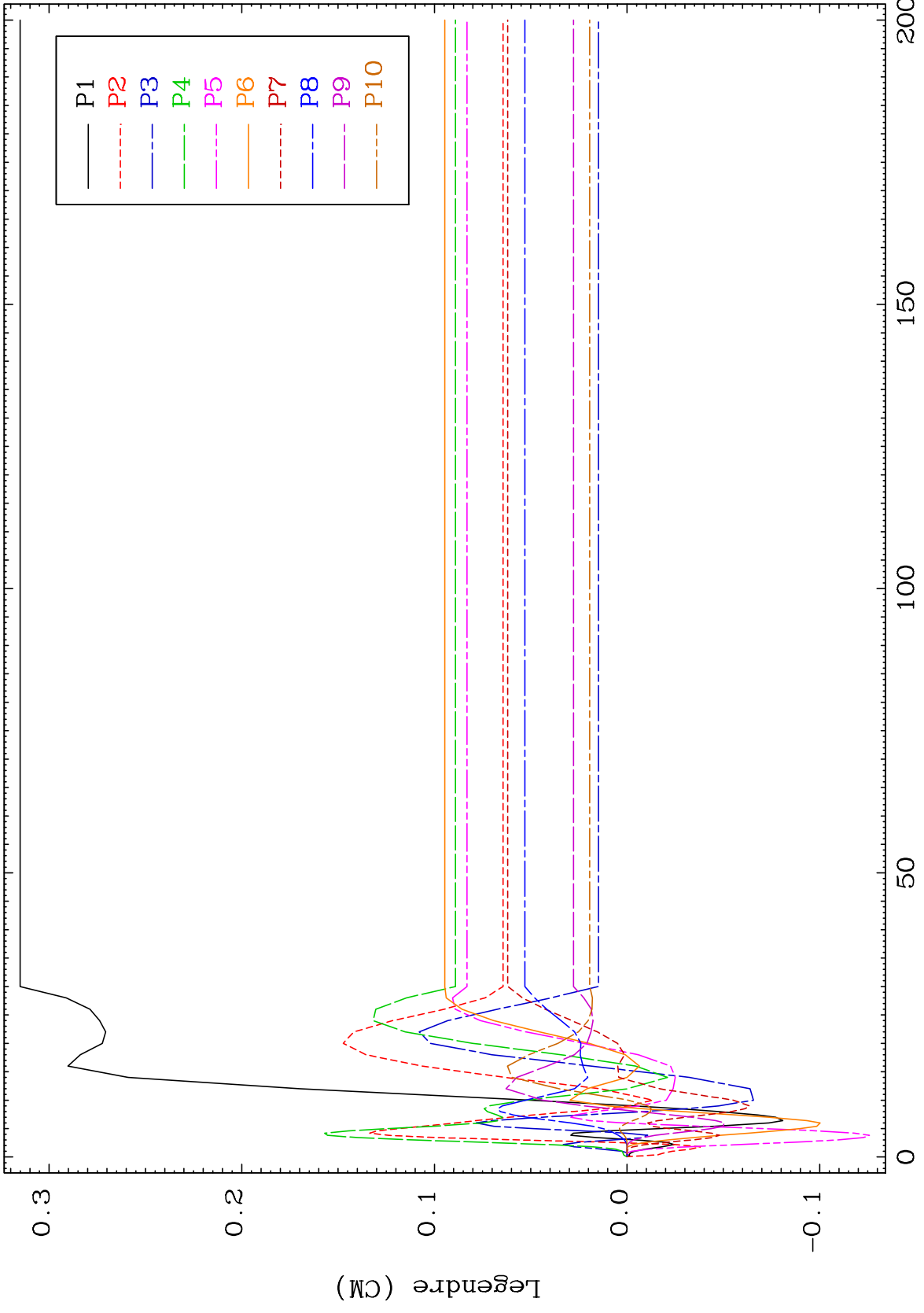
71-Lu-172



MAT 7116

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

71-Lu-172



71-Lu-172

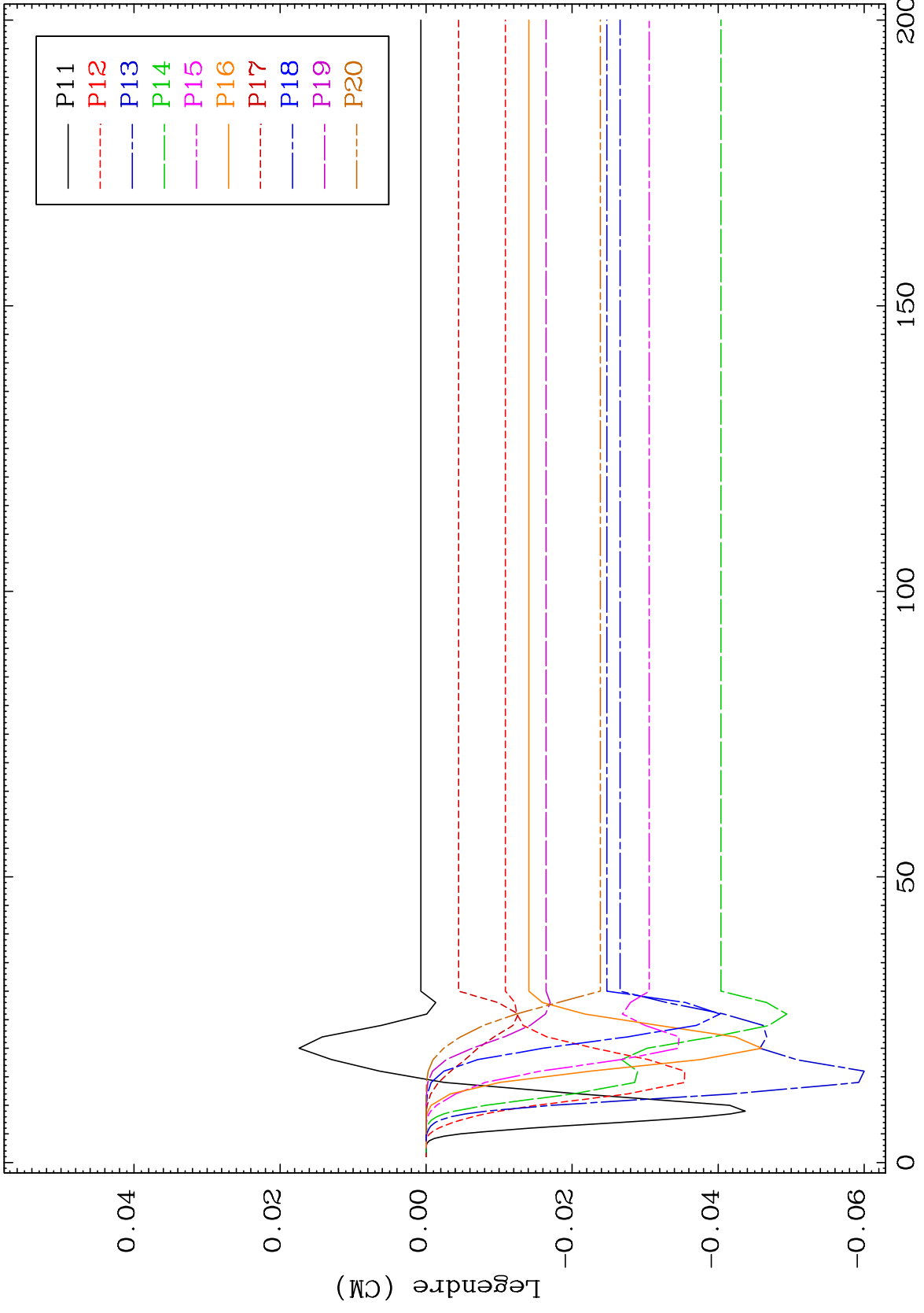
Incident Energy (MeV)

20

MAT 7116

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

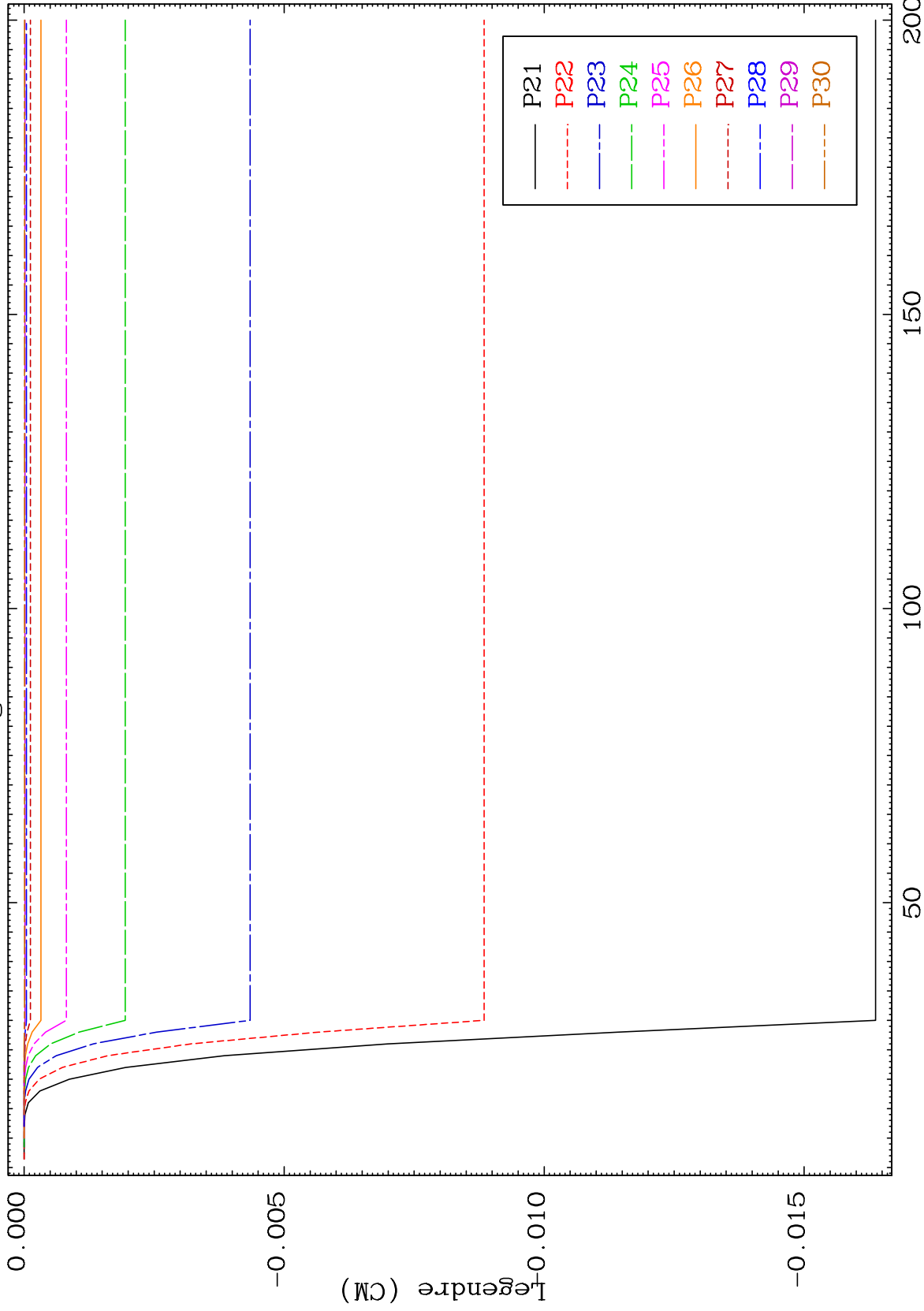
71-Lu-172



21

Incident Energy (MeV)

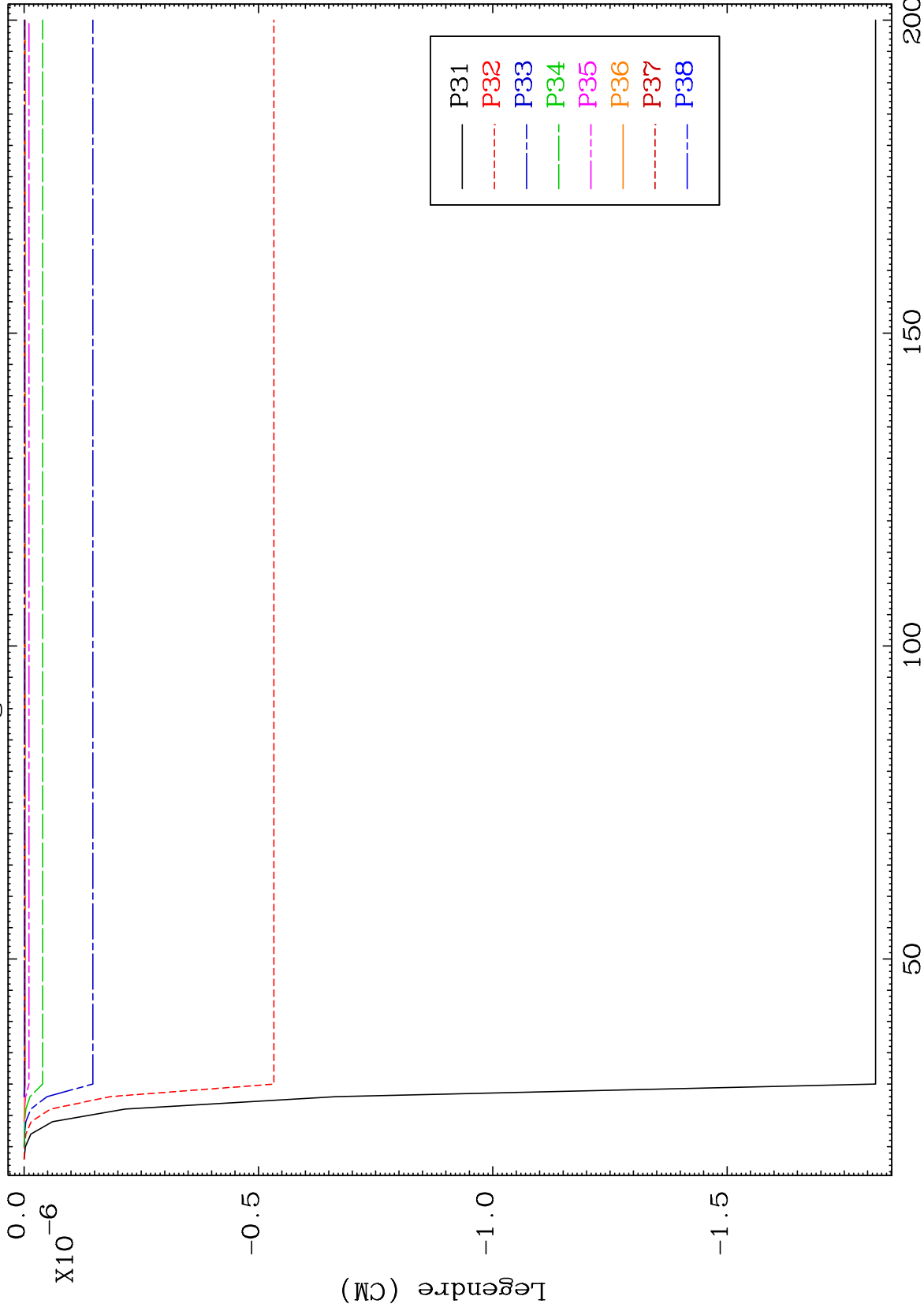
71-Lu-172



MAT 7116

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

71-Lu-172



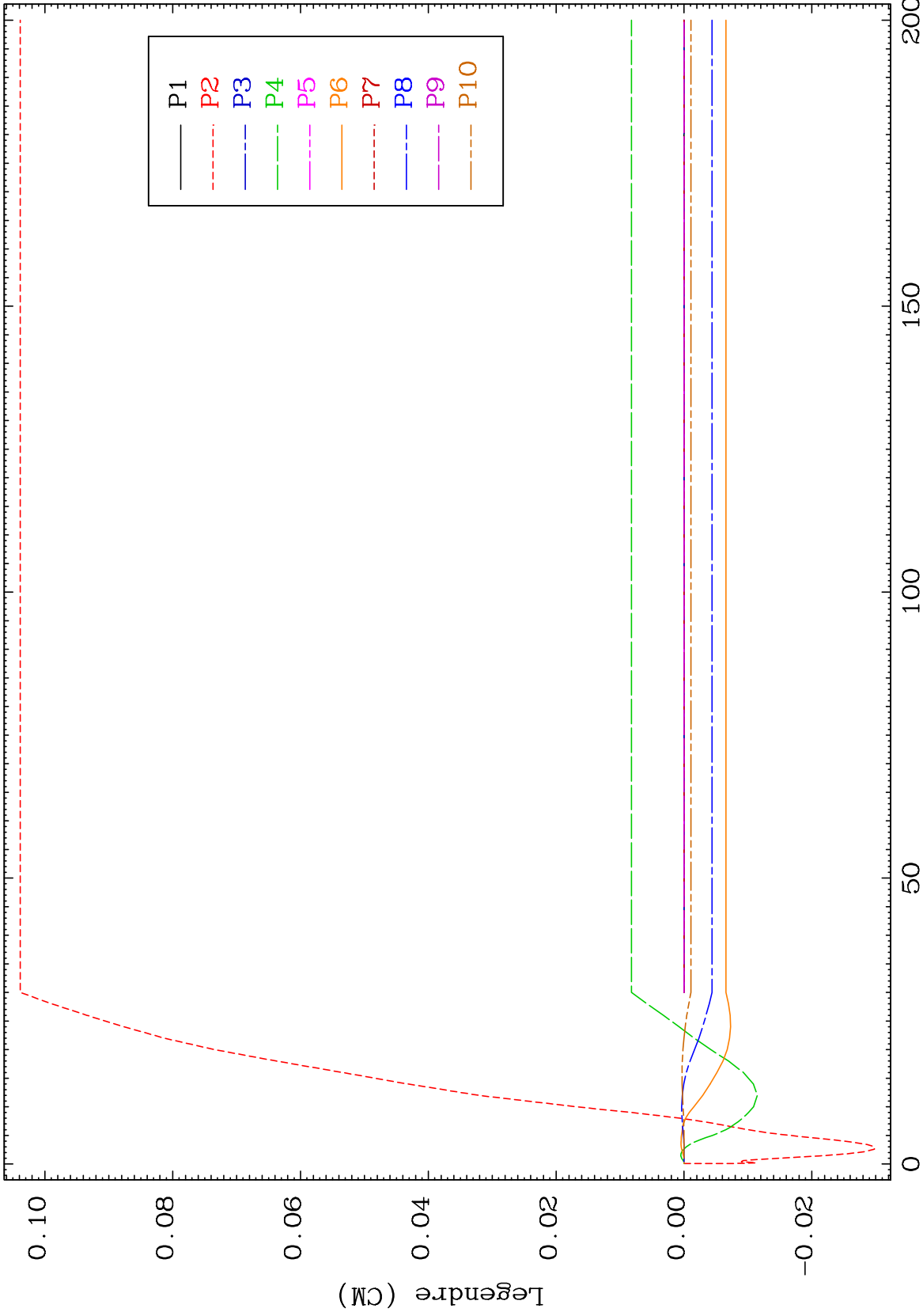
23

71-Lu-172

MAT 7116

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

71-Lu-172



24

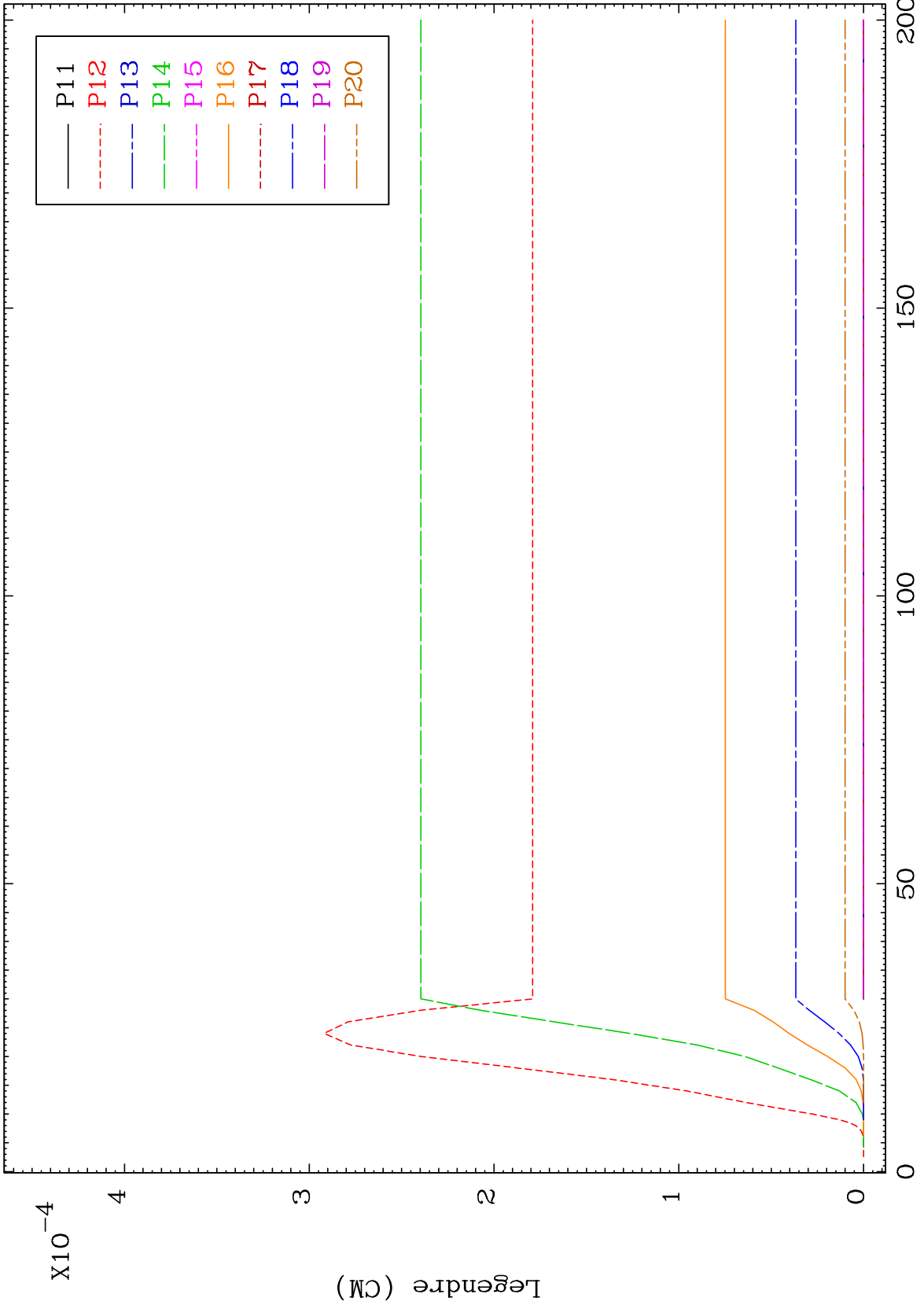
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



25

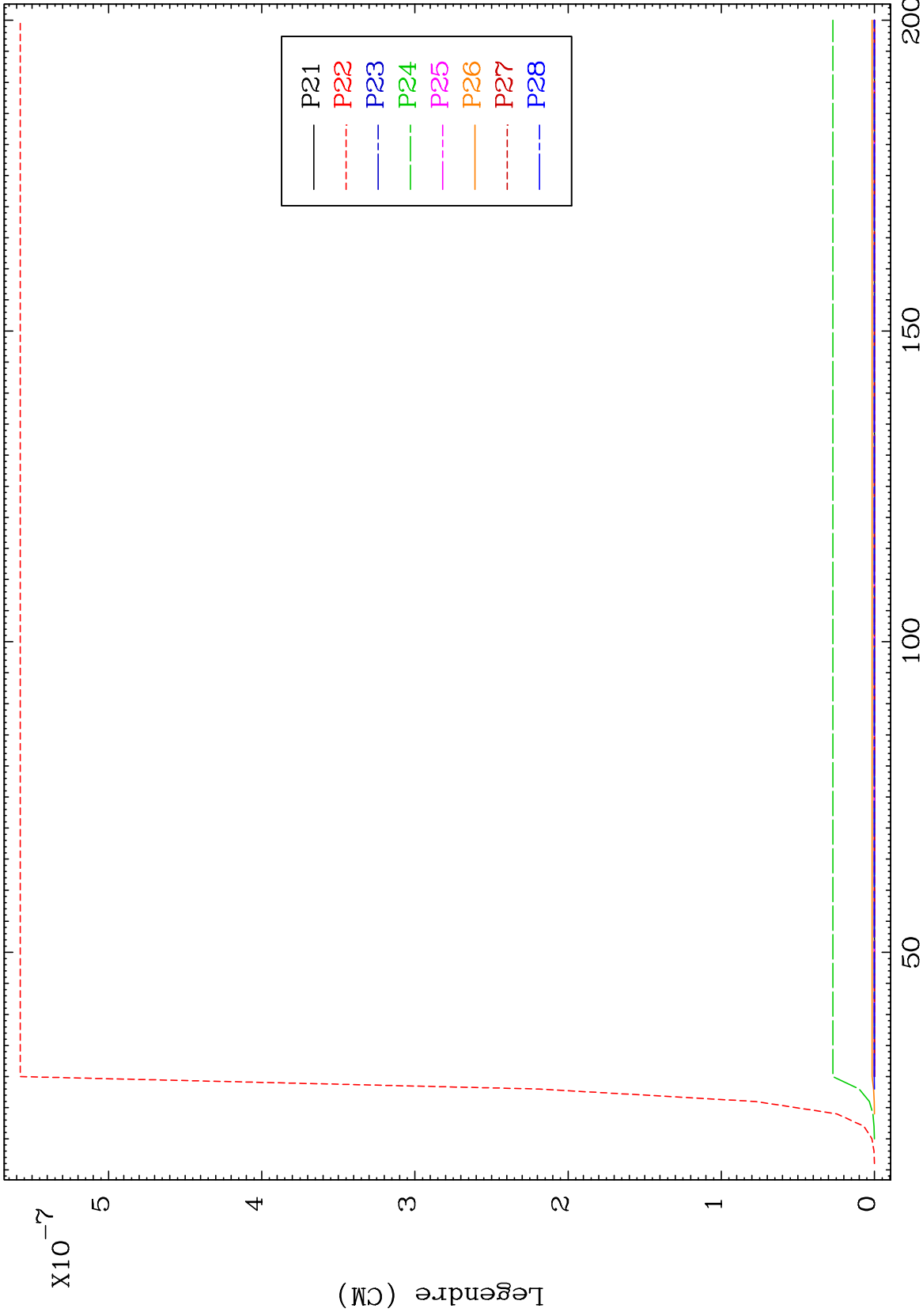
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



26

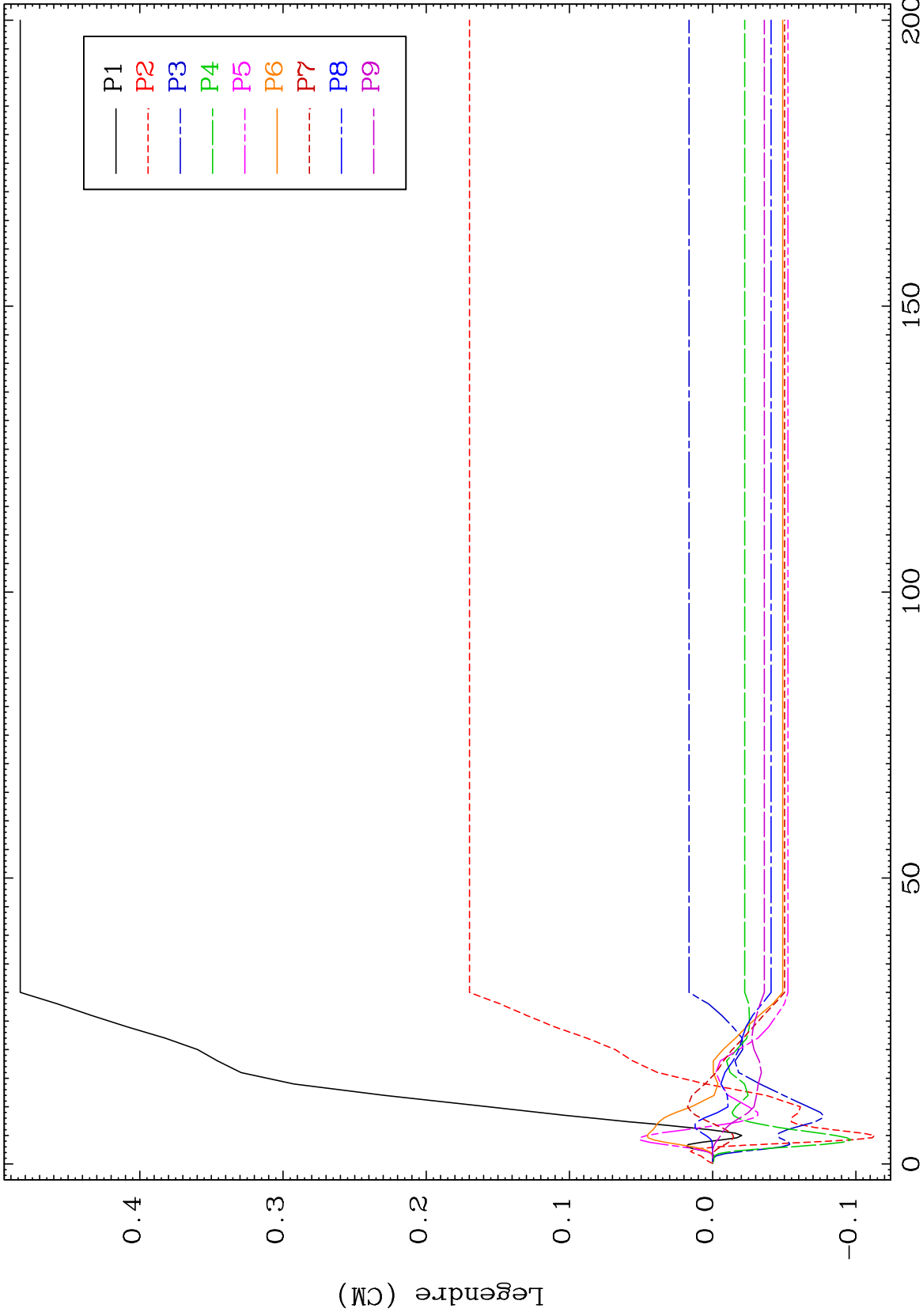
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



27

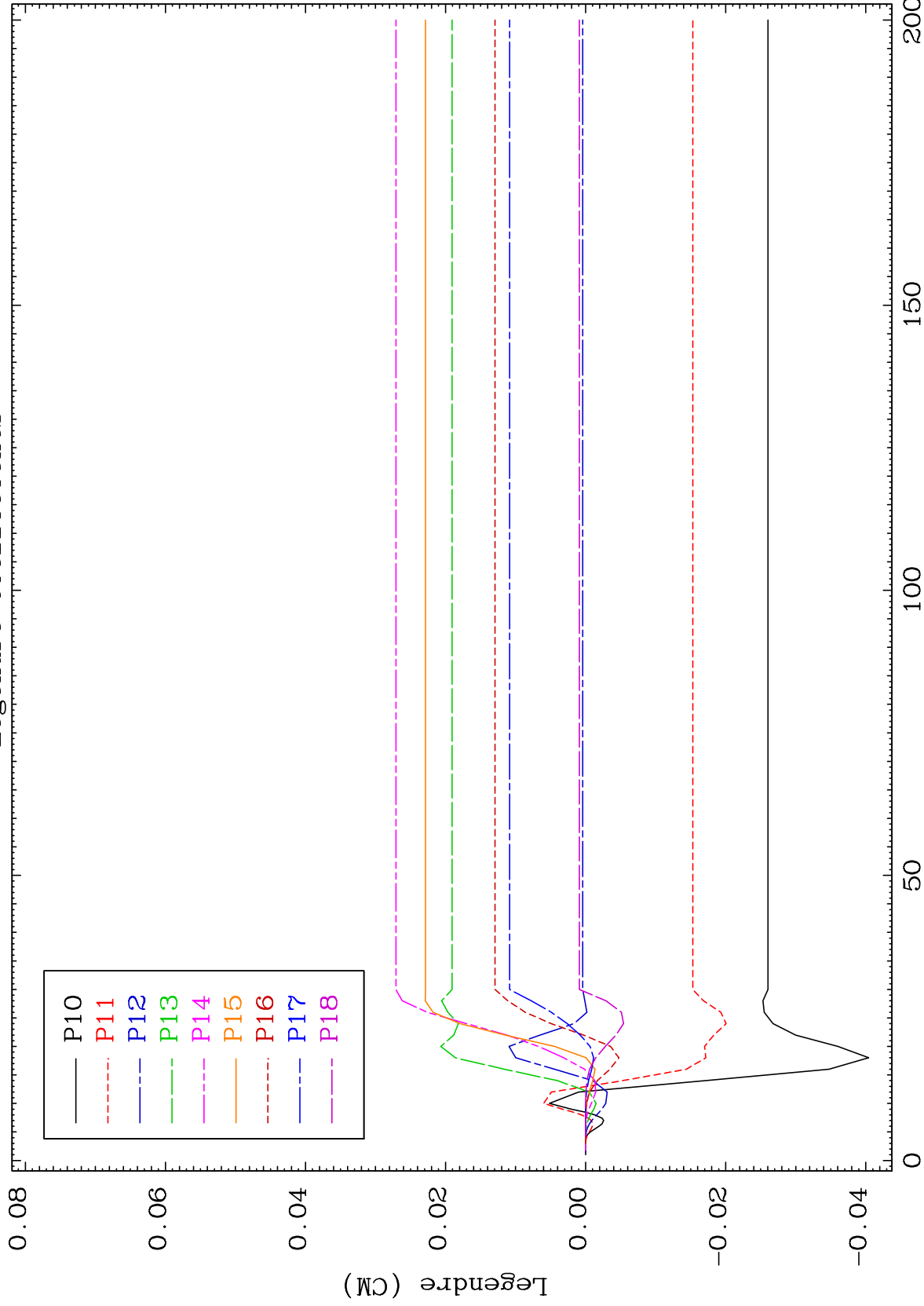
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



28

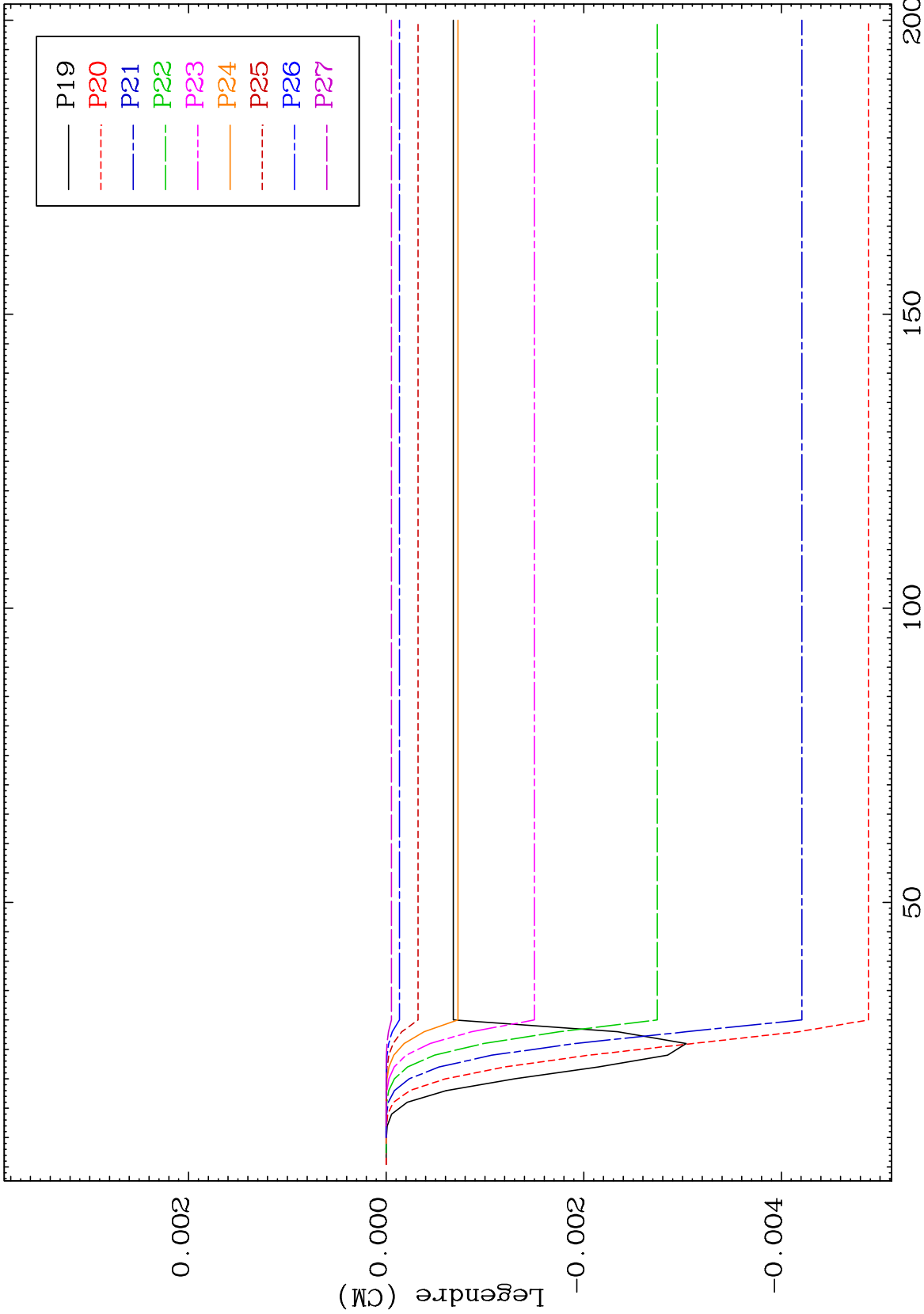
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



29

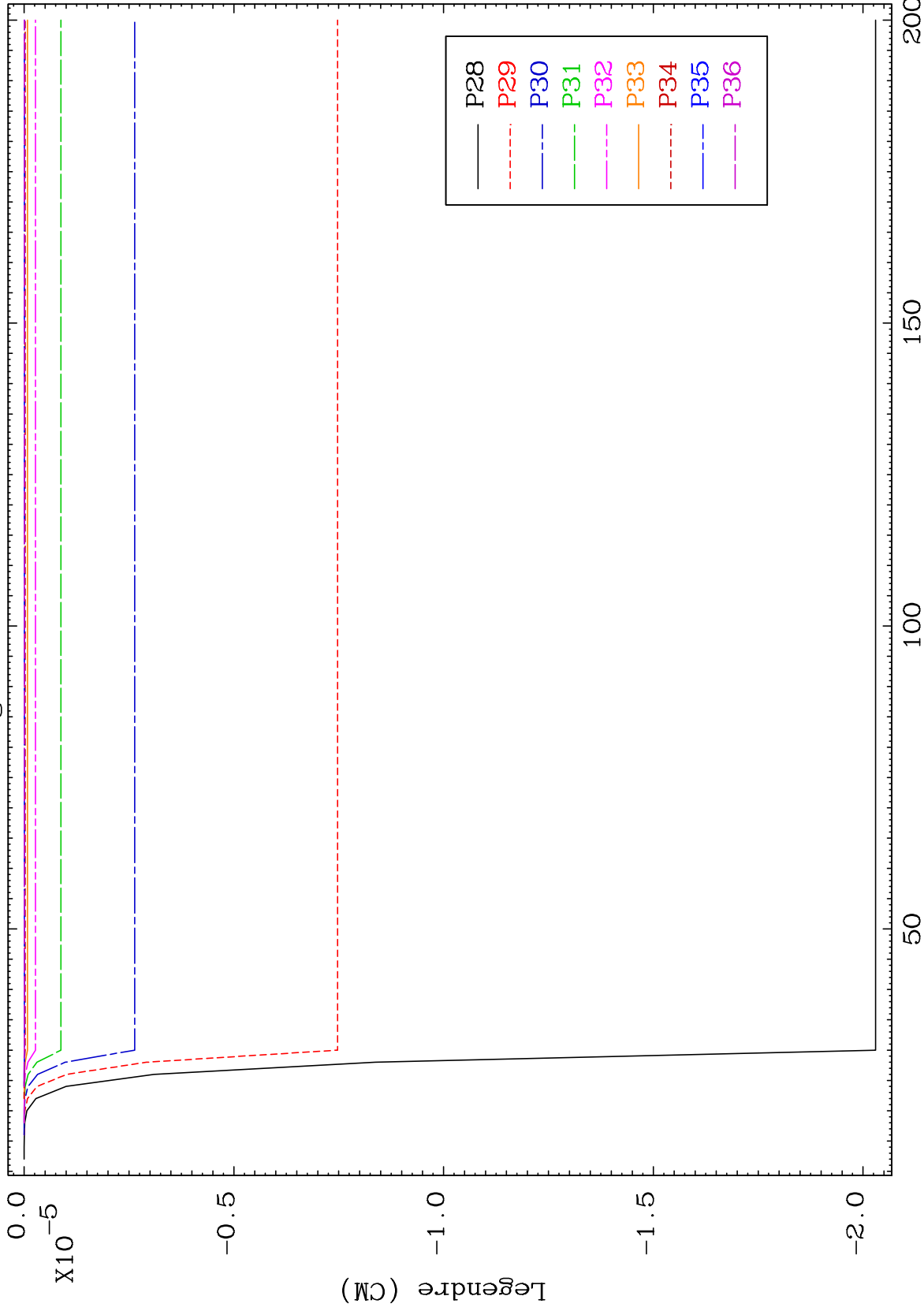
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



71-Lu-172

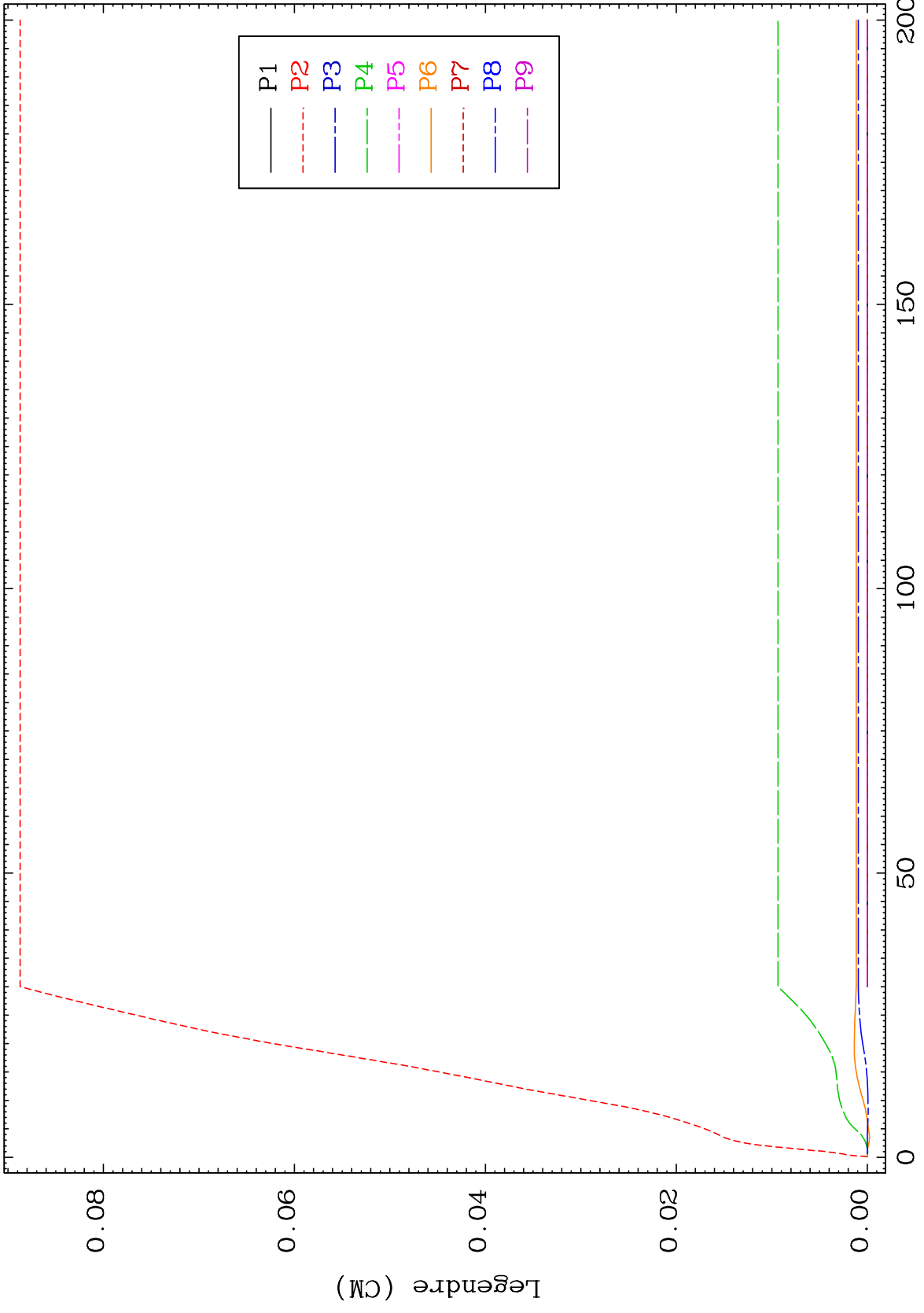
Incident Energy (MeV)

30

MAT 7116

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

71-Lu-172



31

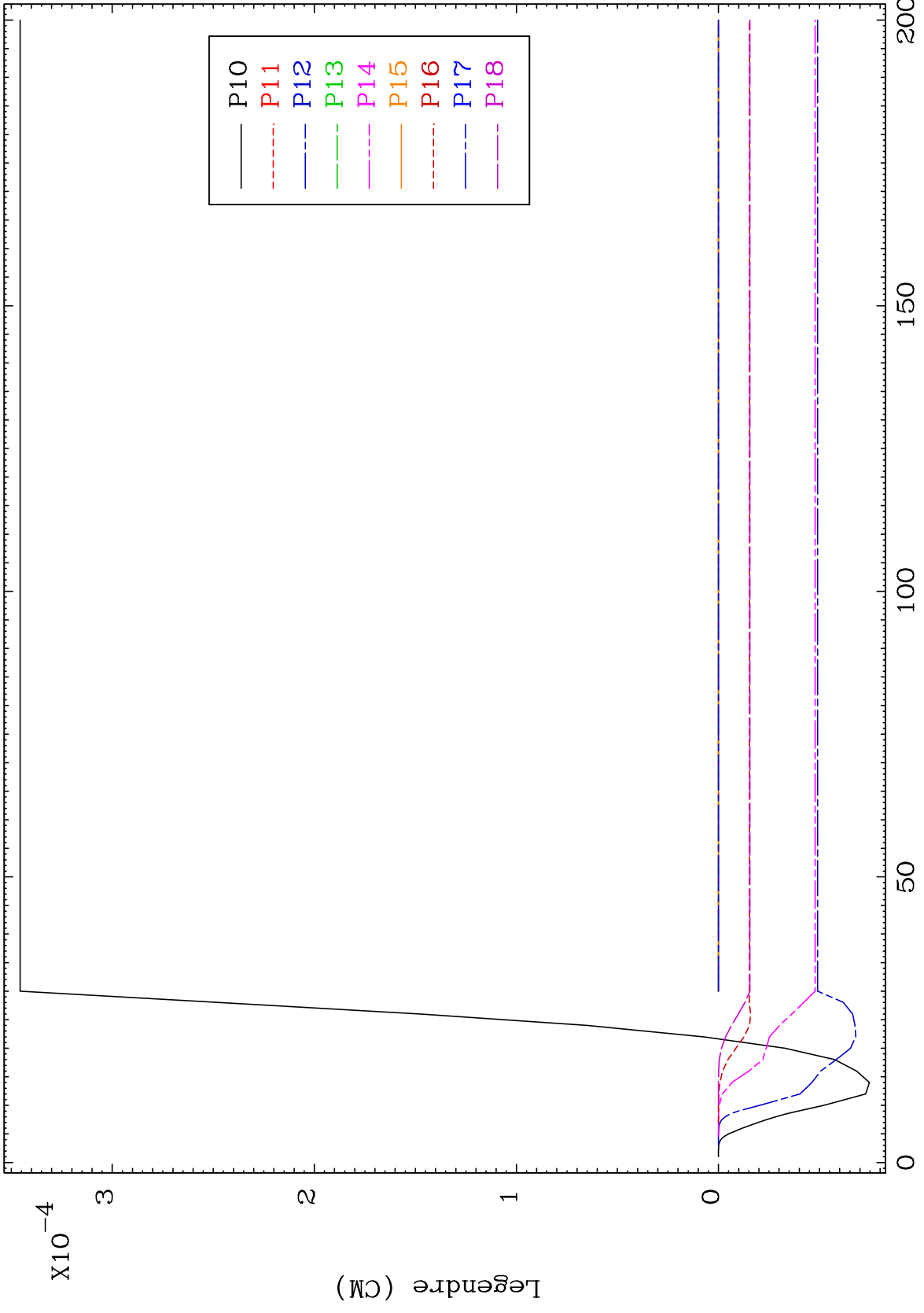
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

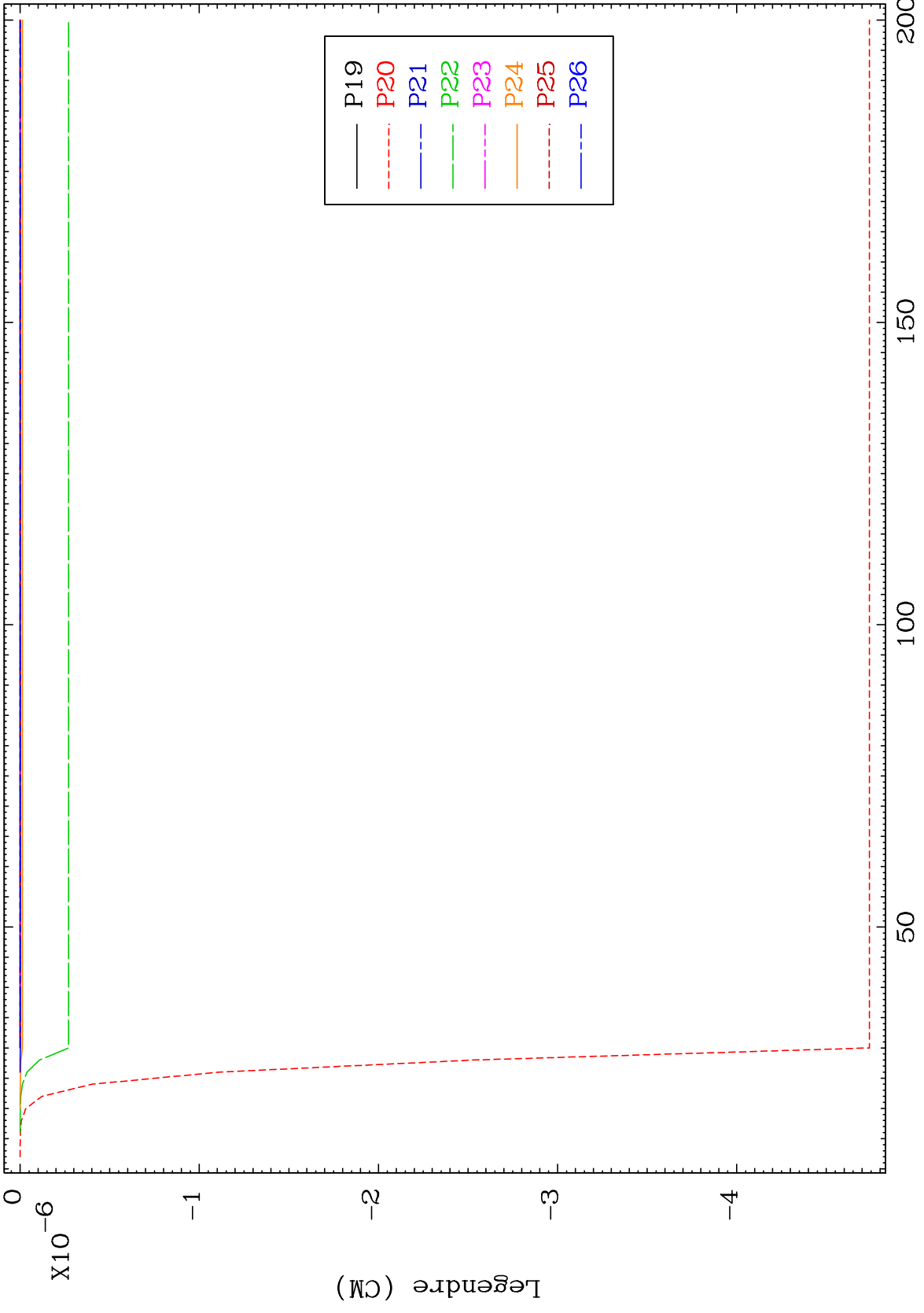
71-Lu-172



32

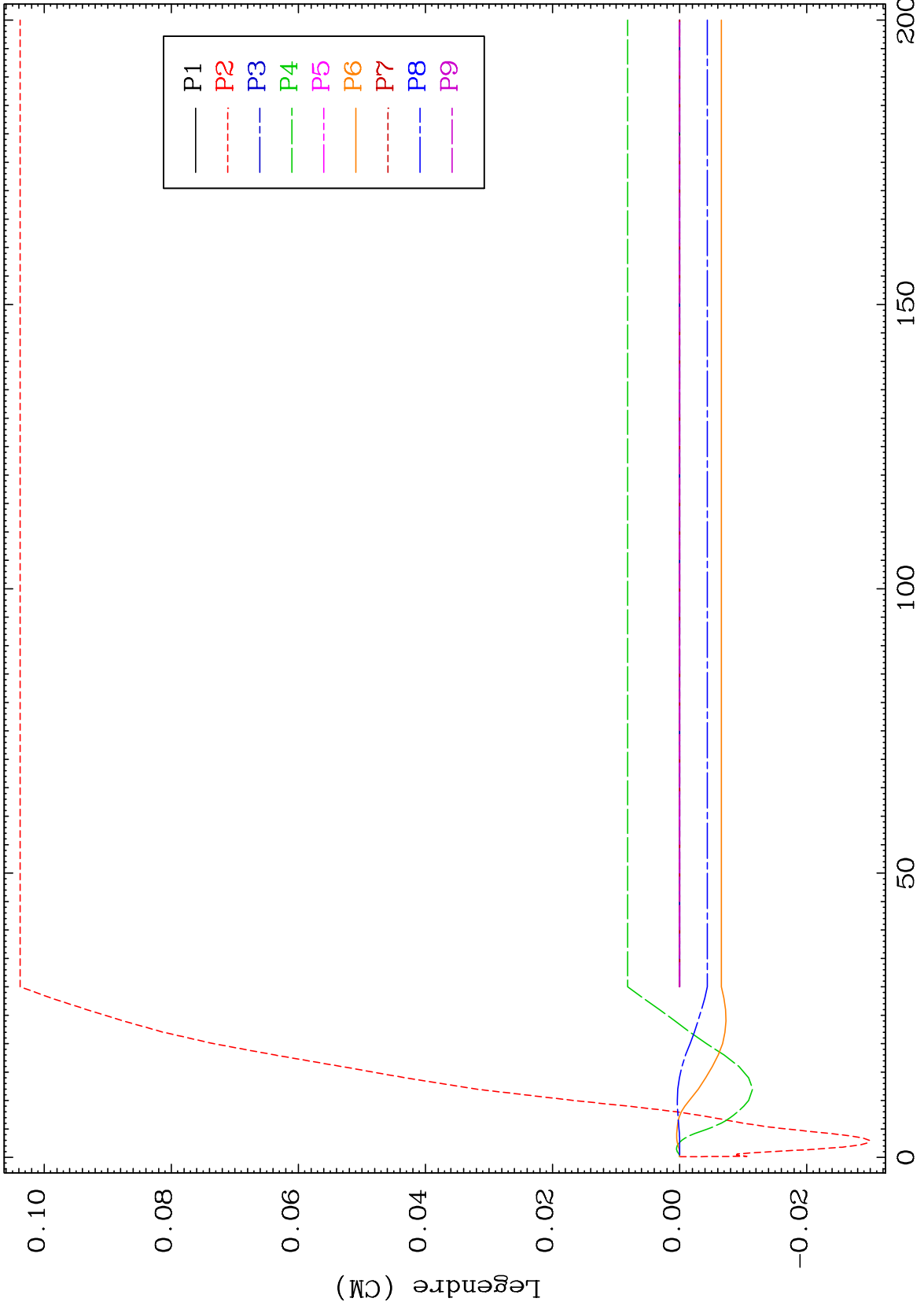
71-Lu-172

MAT 7116 MT= 54 (n,n') Level Legendre Coefficients 71-Lu-172



33 71-Lu-172

MAT 7116 MT= 55 (n,n') Level Legendre Coefficients 71-Lu-172

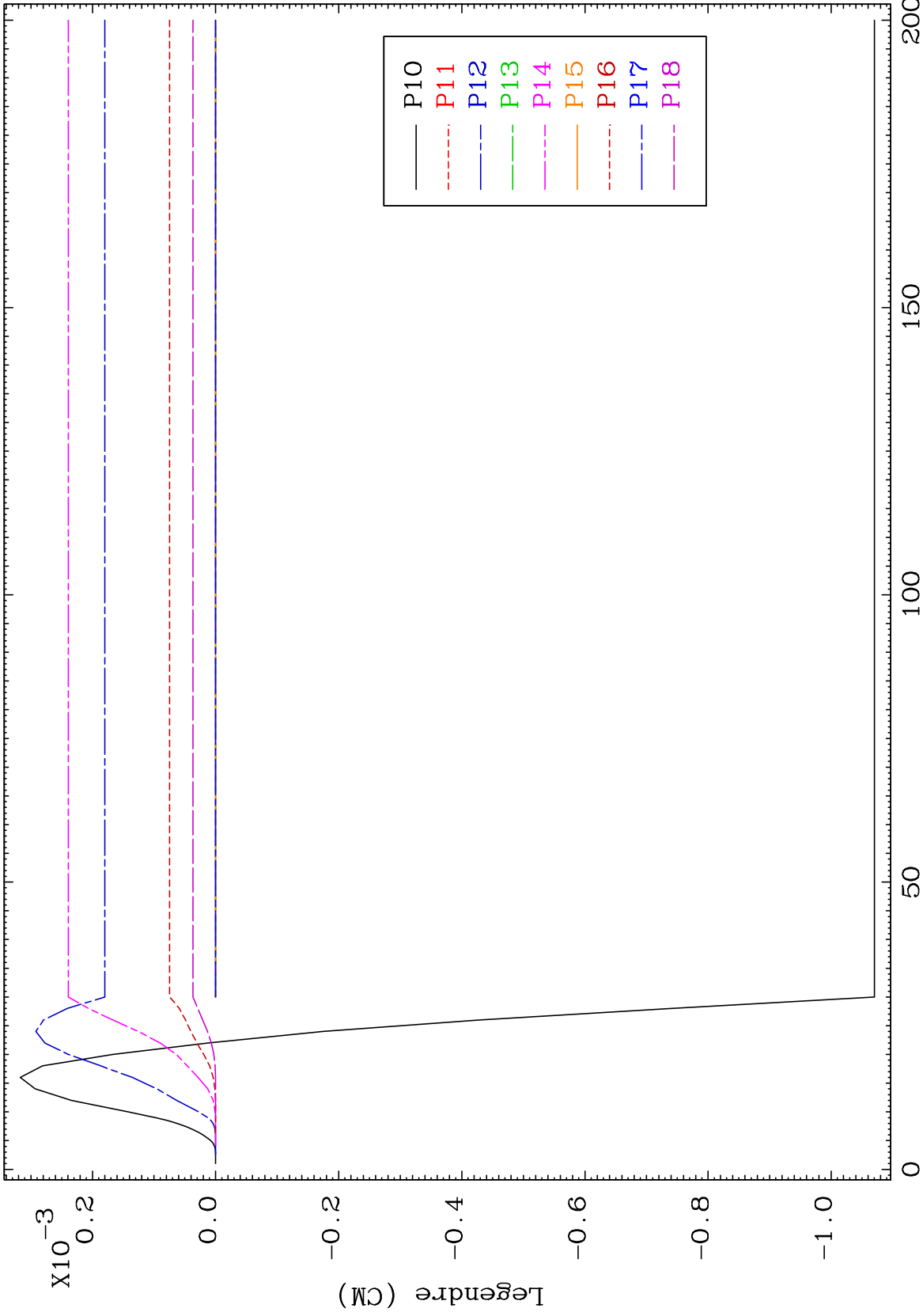


34 71-Lu-172

MAT 7116

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

71-Lu-172

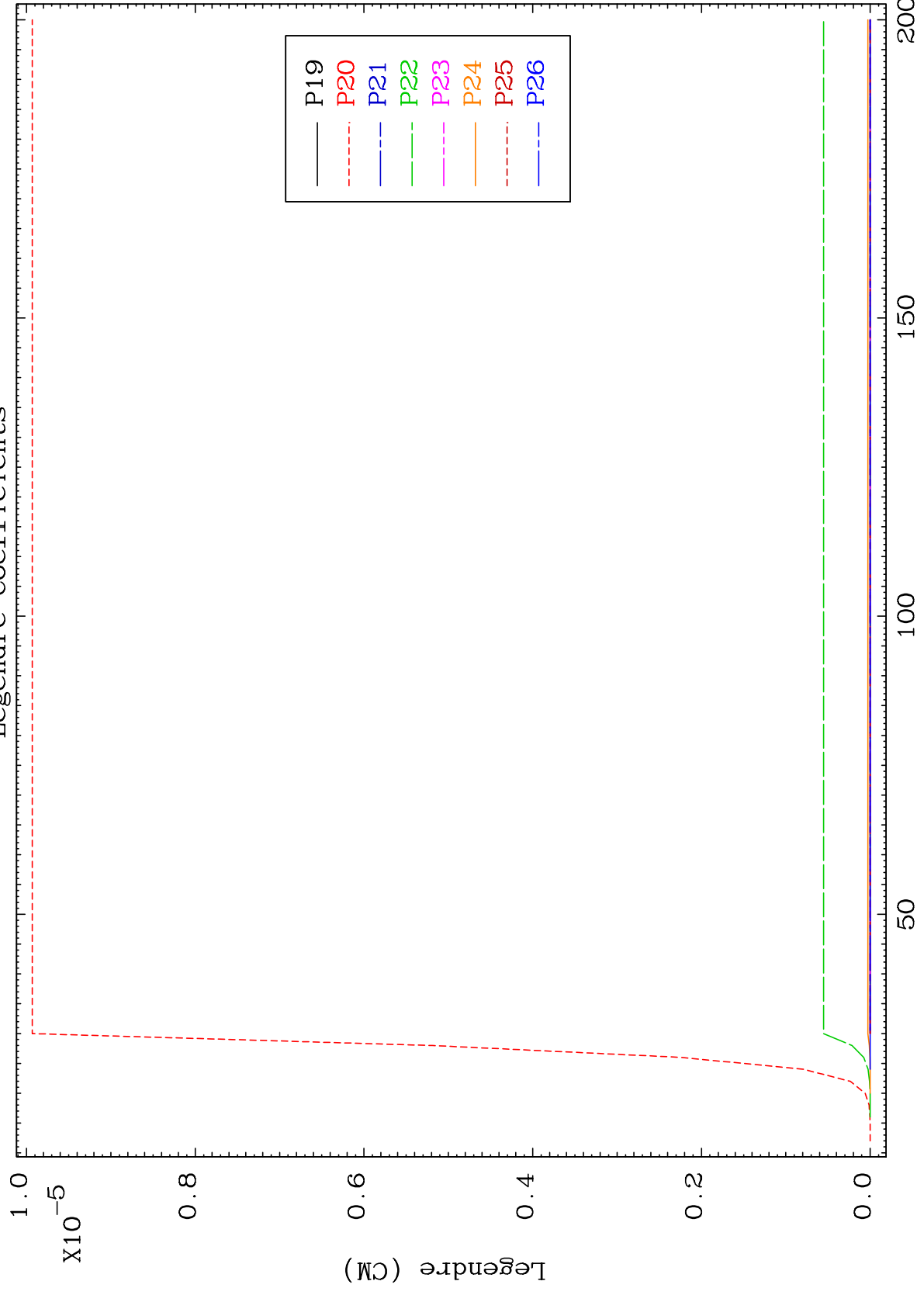


35

Incident Energy (MeV)

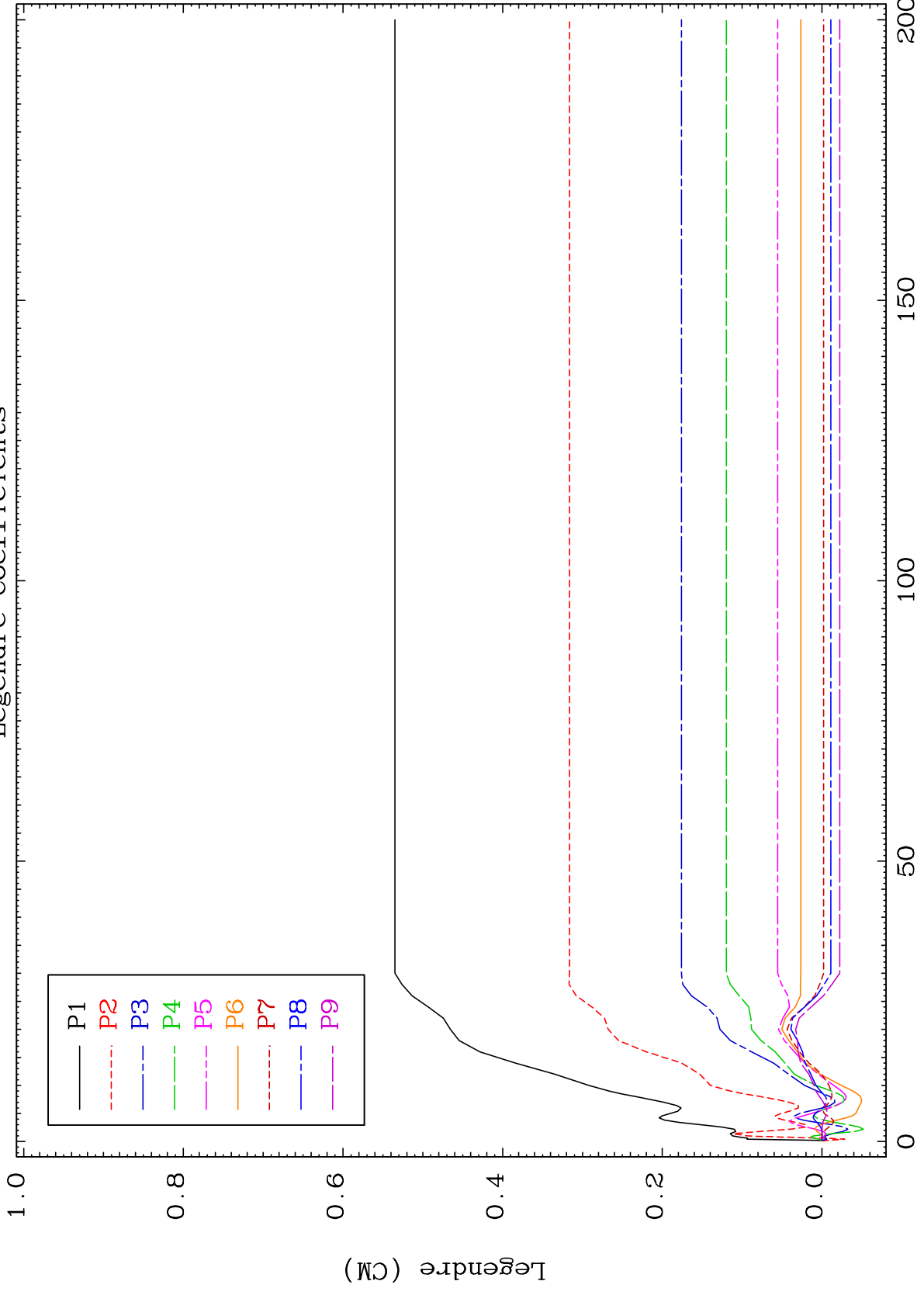
71-Lu-172

MAT 7116 MT= 55 (n,n') Level Legendre Coefficients 71-Lu-172



36 Incident Energy (MeV) 71-Lu-172

MAT 7116 MT= 56 (n,n') Level Legendre Coefficients 71-Lu-172

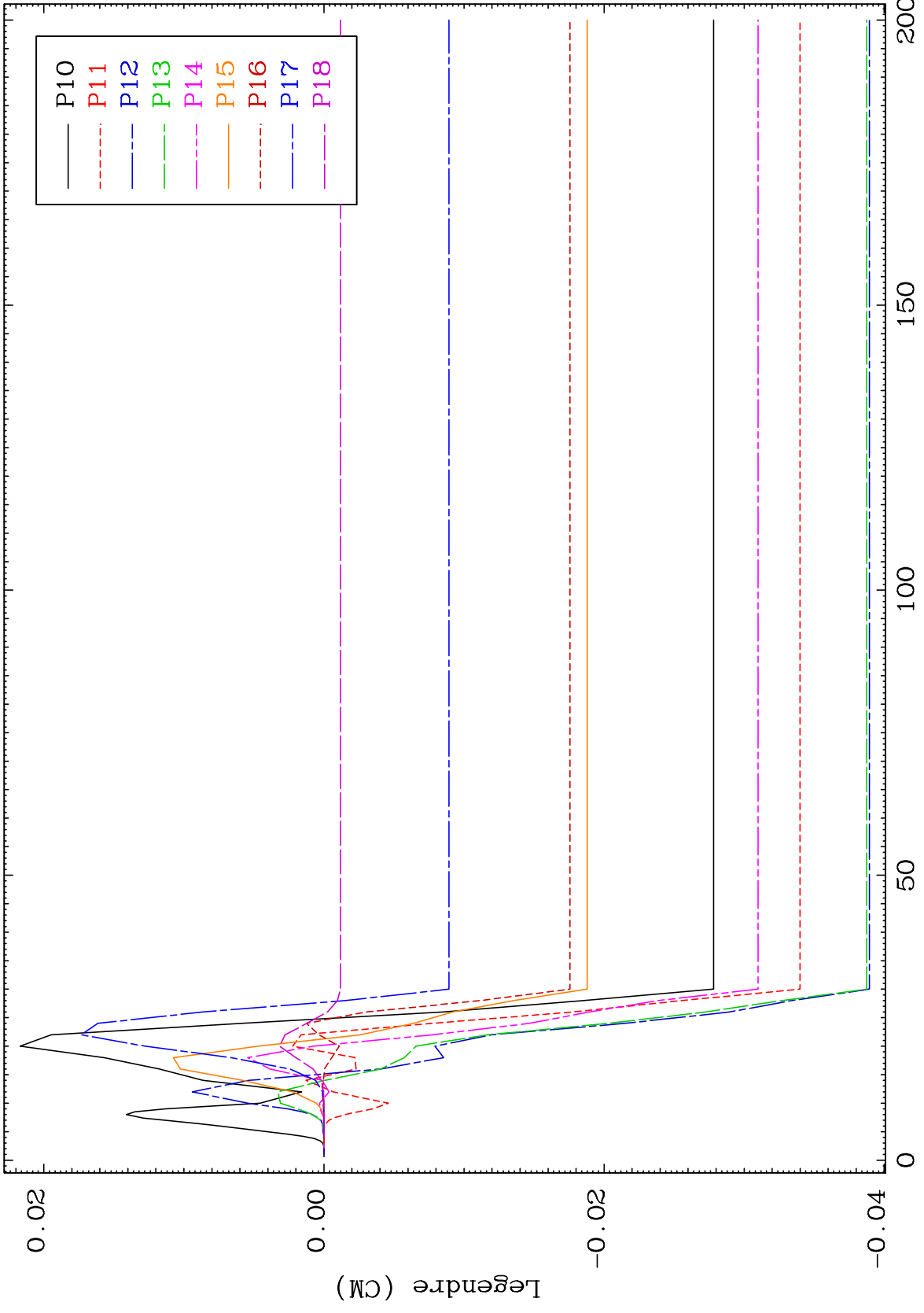


37 Incident Energy (MeV) 71-Lu-172

MAT 7116

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

71-Lu-172



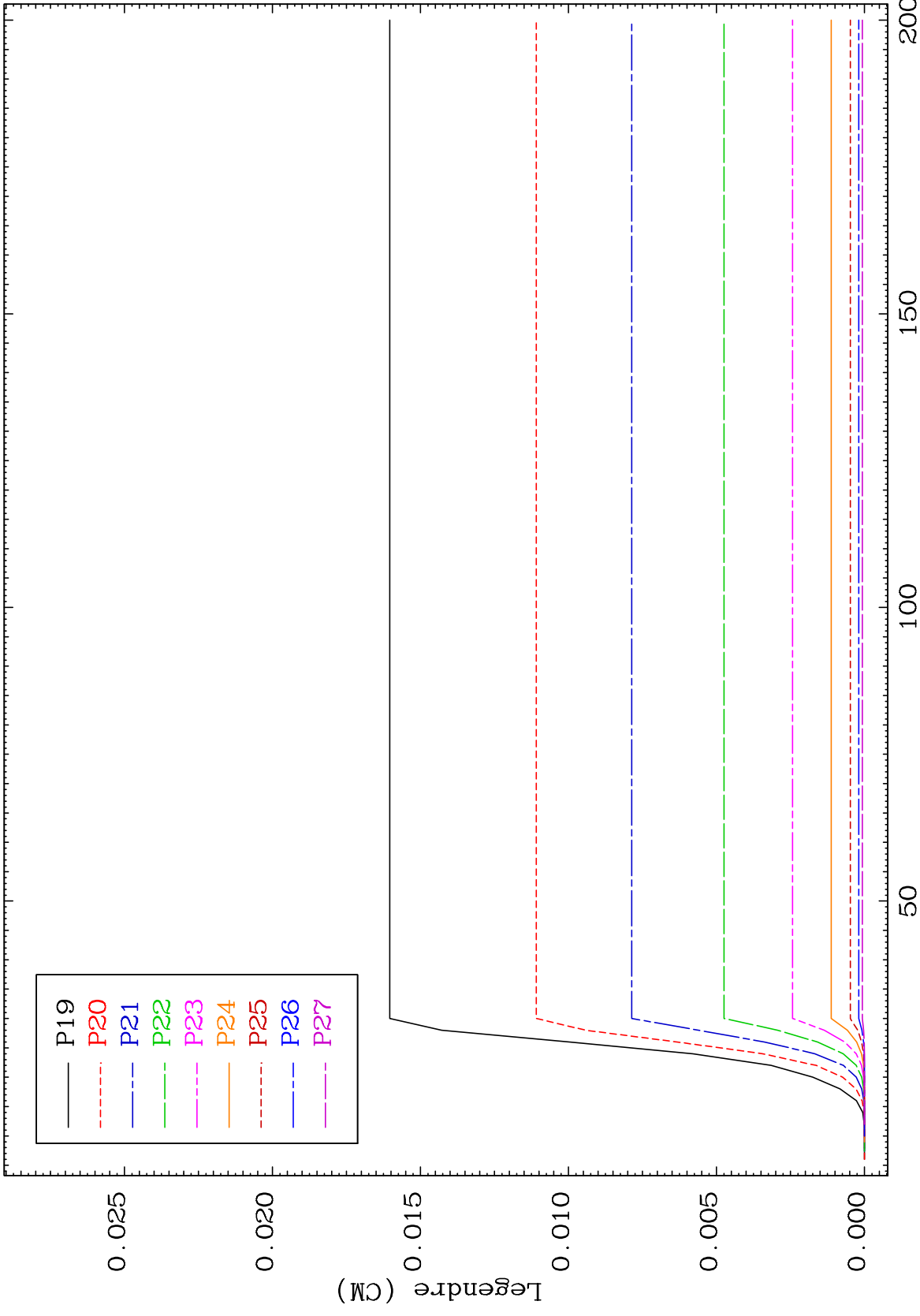
38

71-Lu-172

MAT 7116

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

71-Lu-172



39

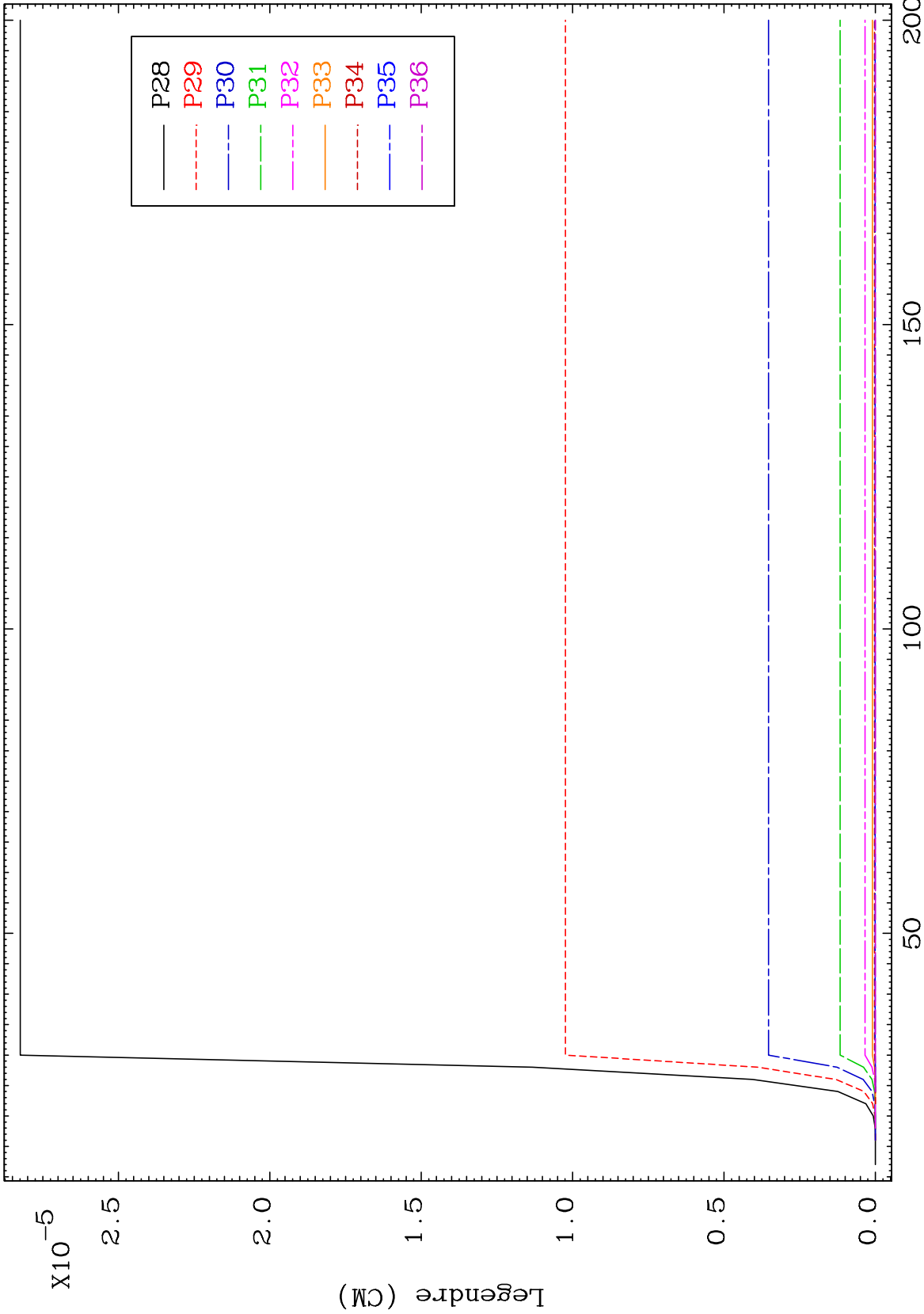
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



40

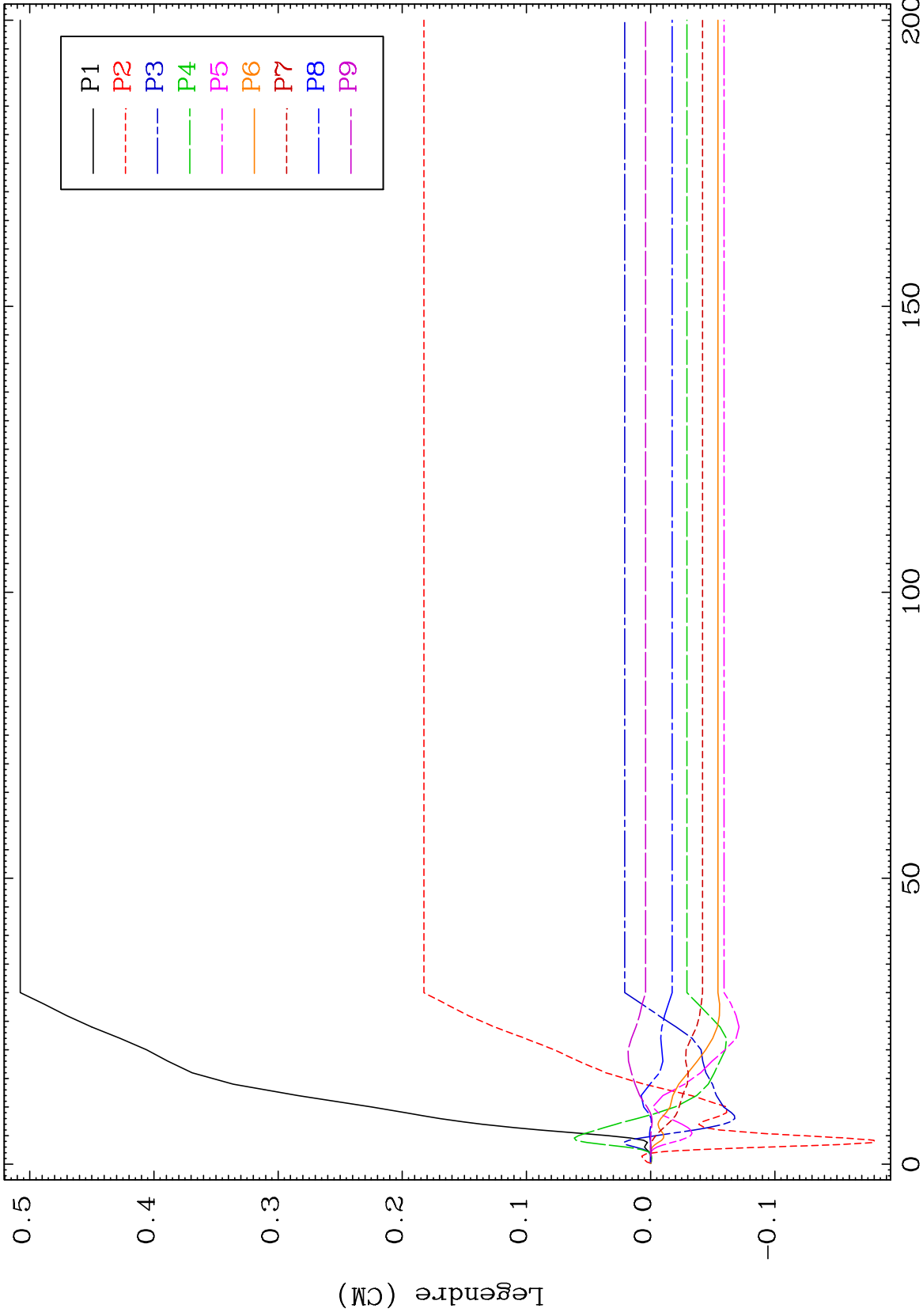
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



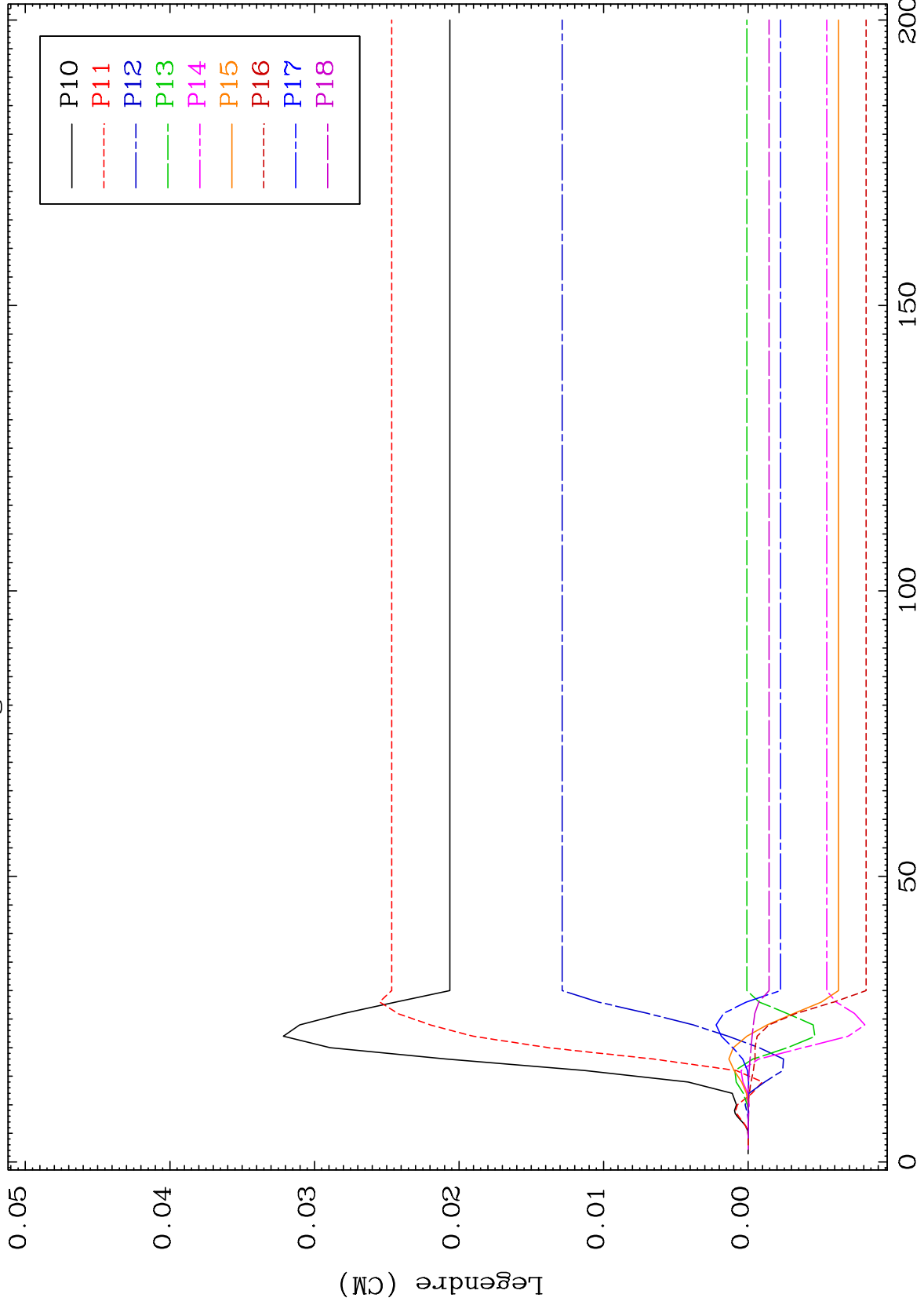
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71-Lu-172

MAT 7116

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

71-Lu-172



42

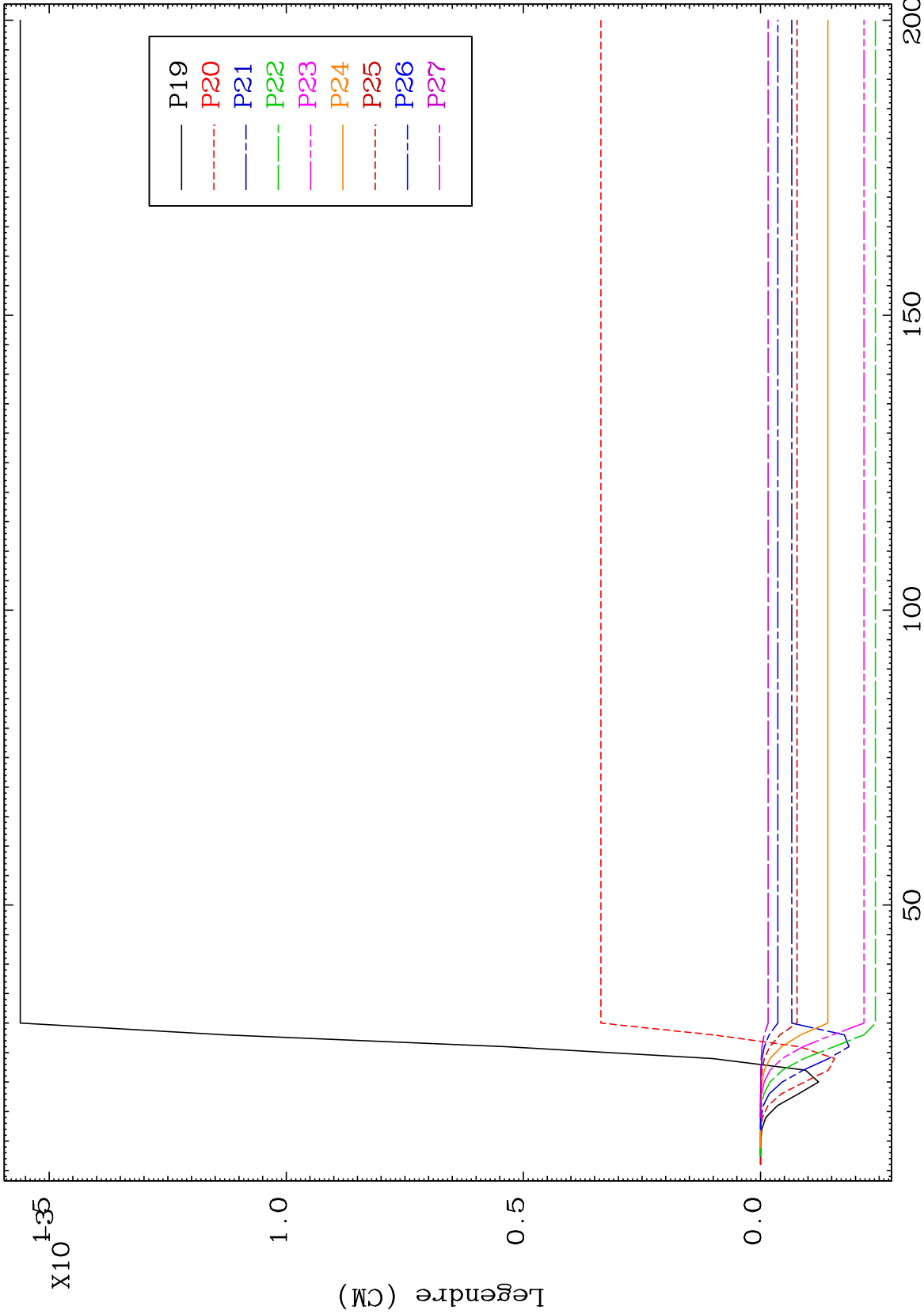
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



43

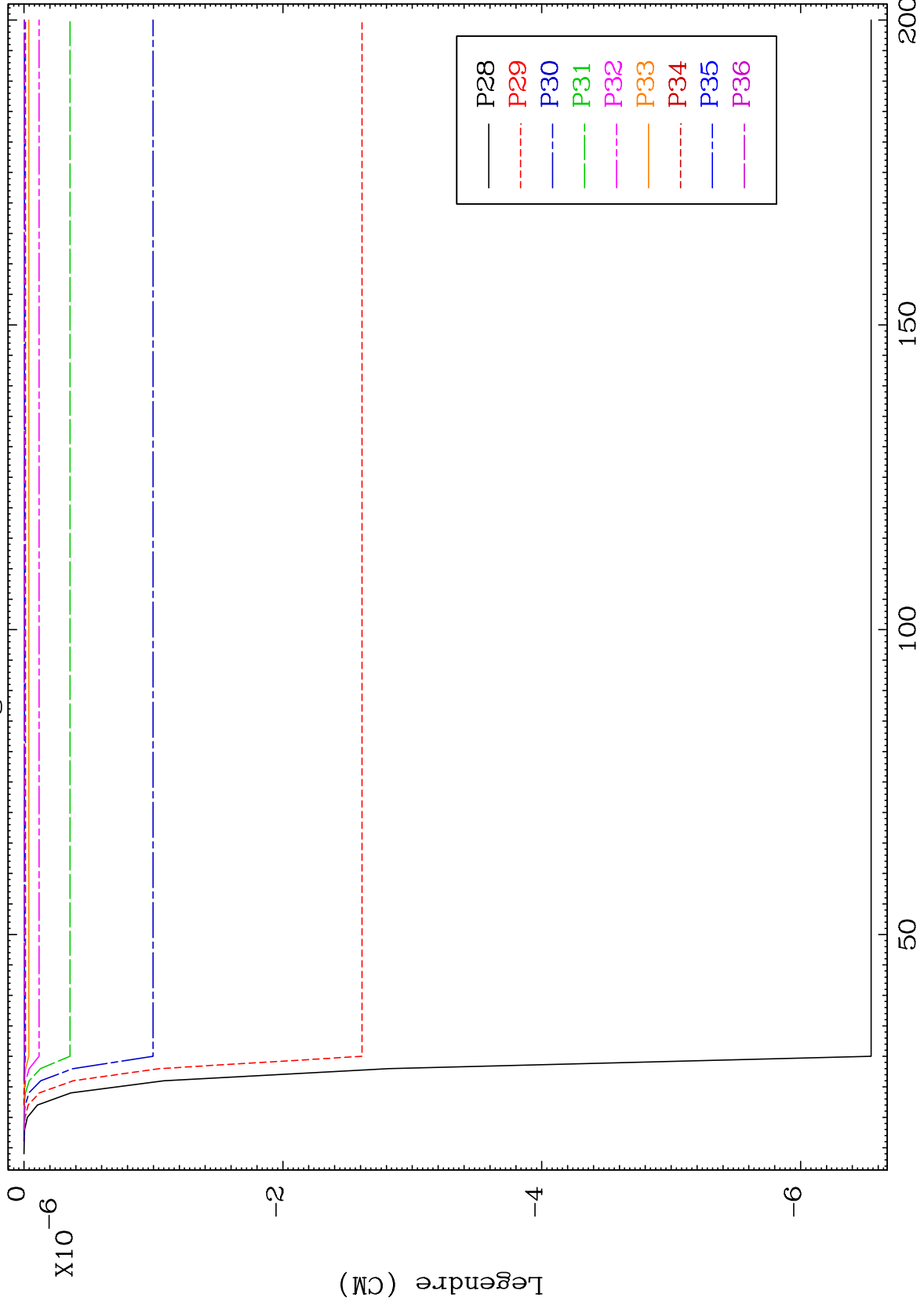
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172

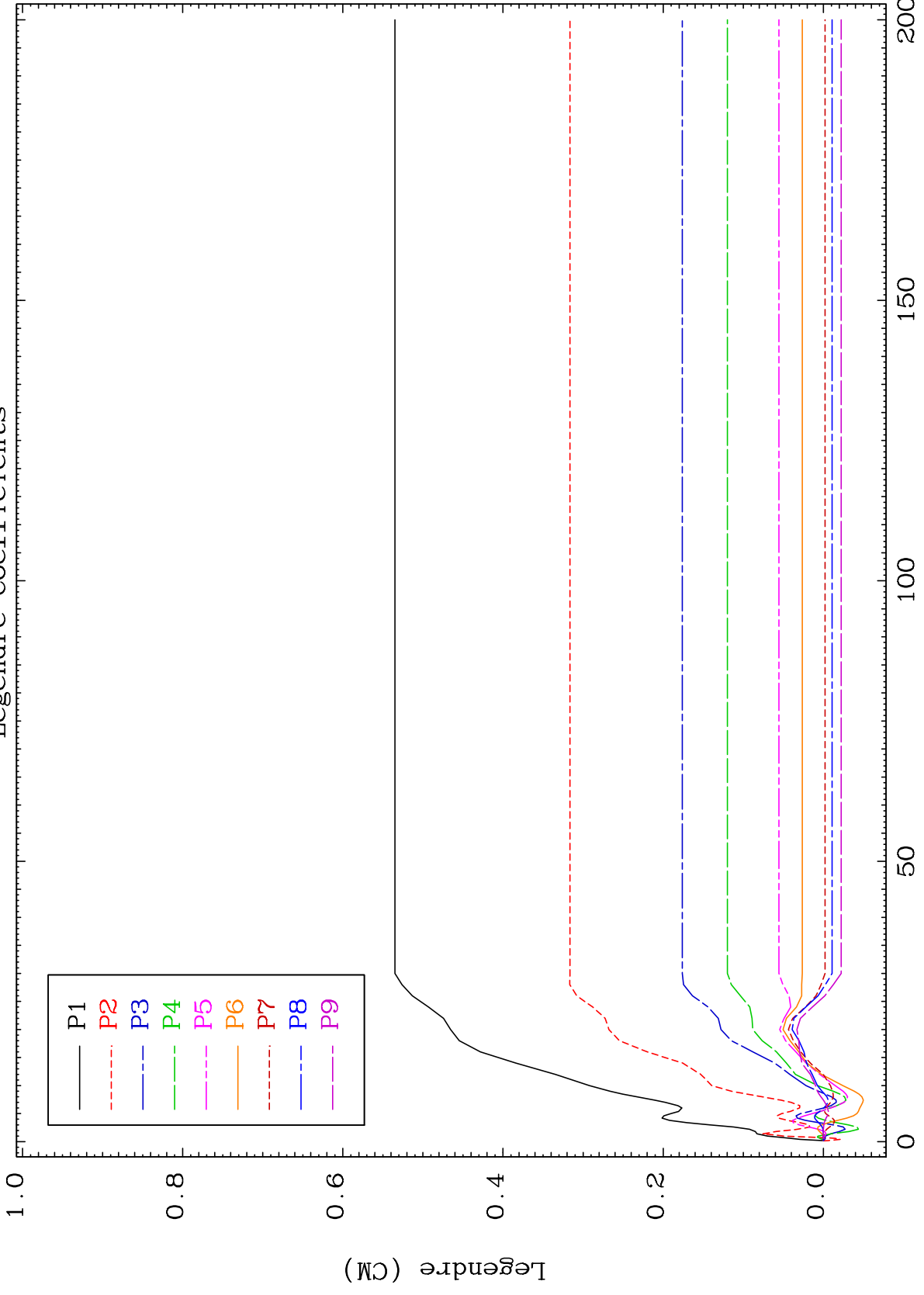


71-Lu-172

Incident Energy (MeV)

44

MAT 7116 MT= 58 (n,n') Level Legendre Coefficients 71-Lu-172

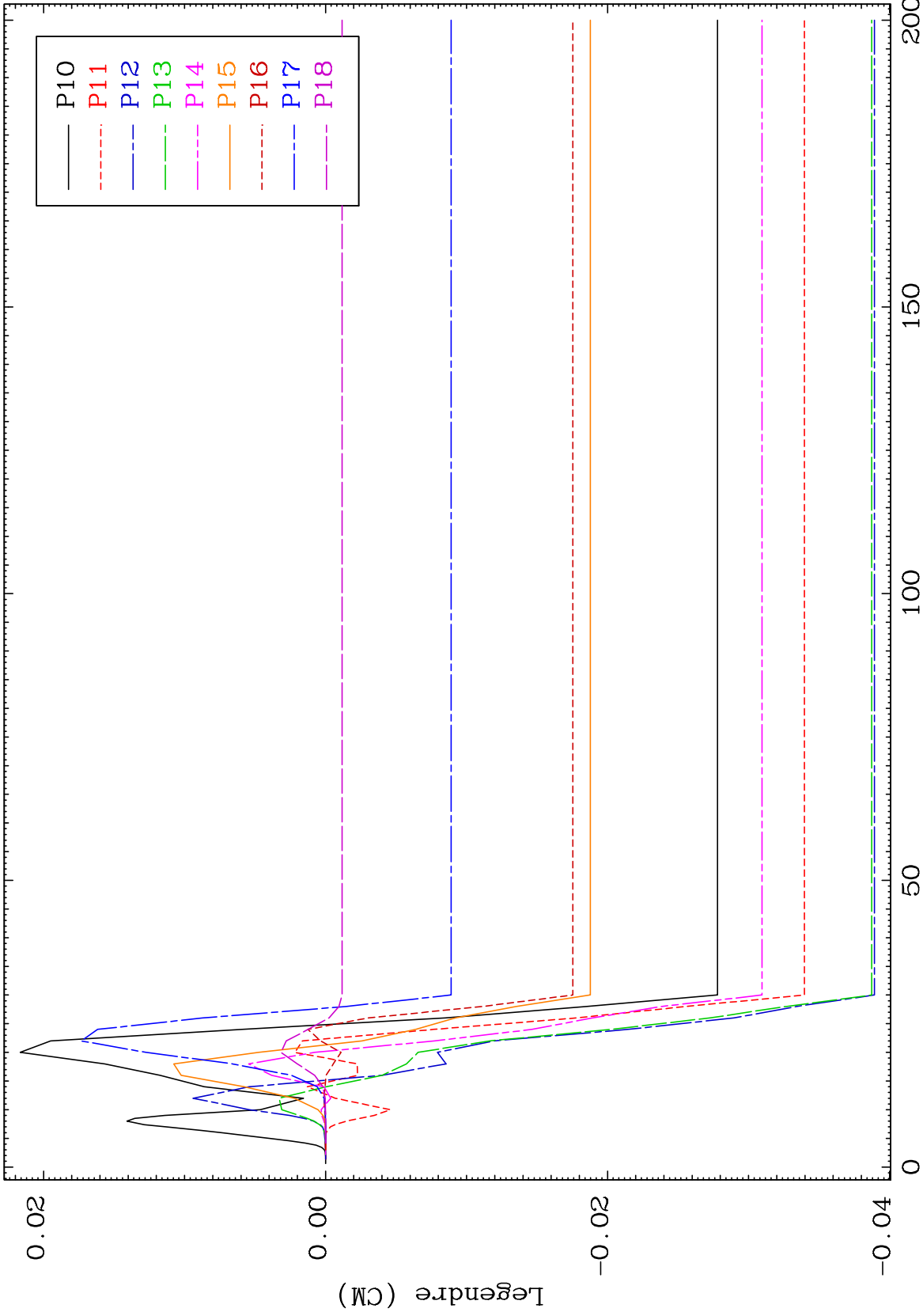


71-Lu-172 Incident Energy (MeV) 45

MAT 7116

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

71-Lu-172



46

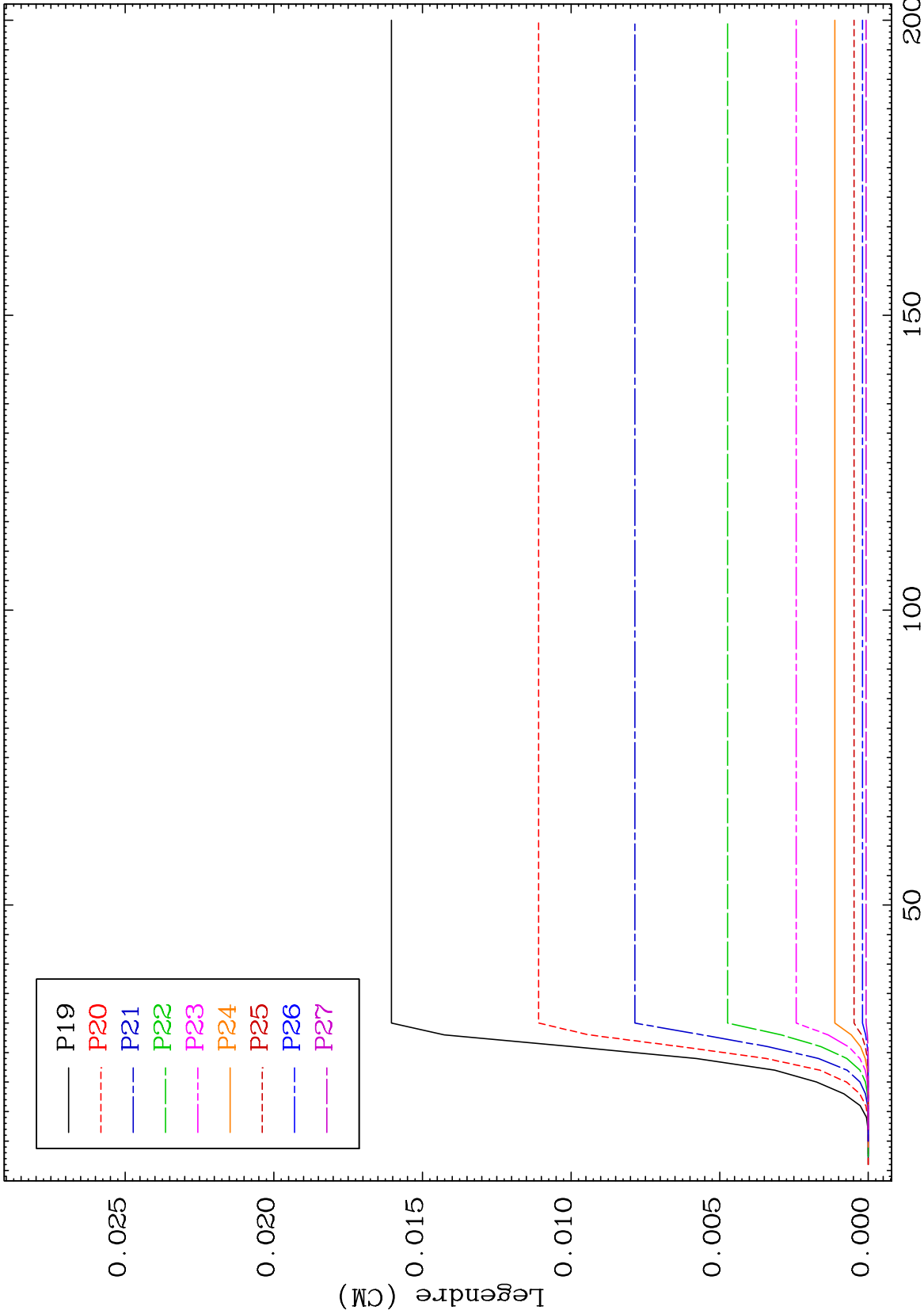
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



47

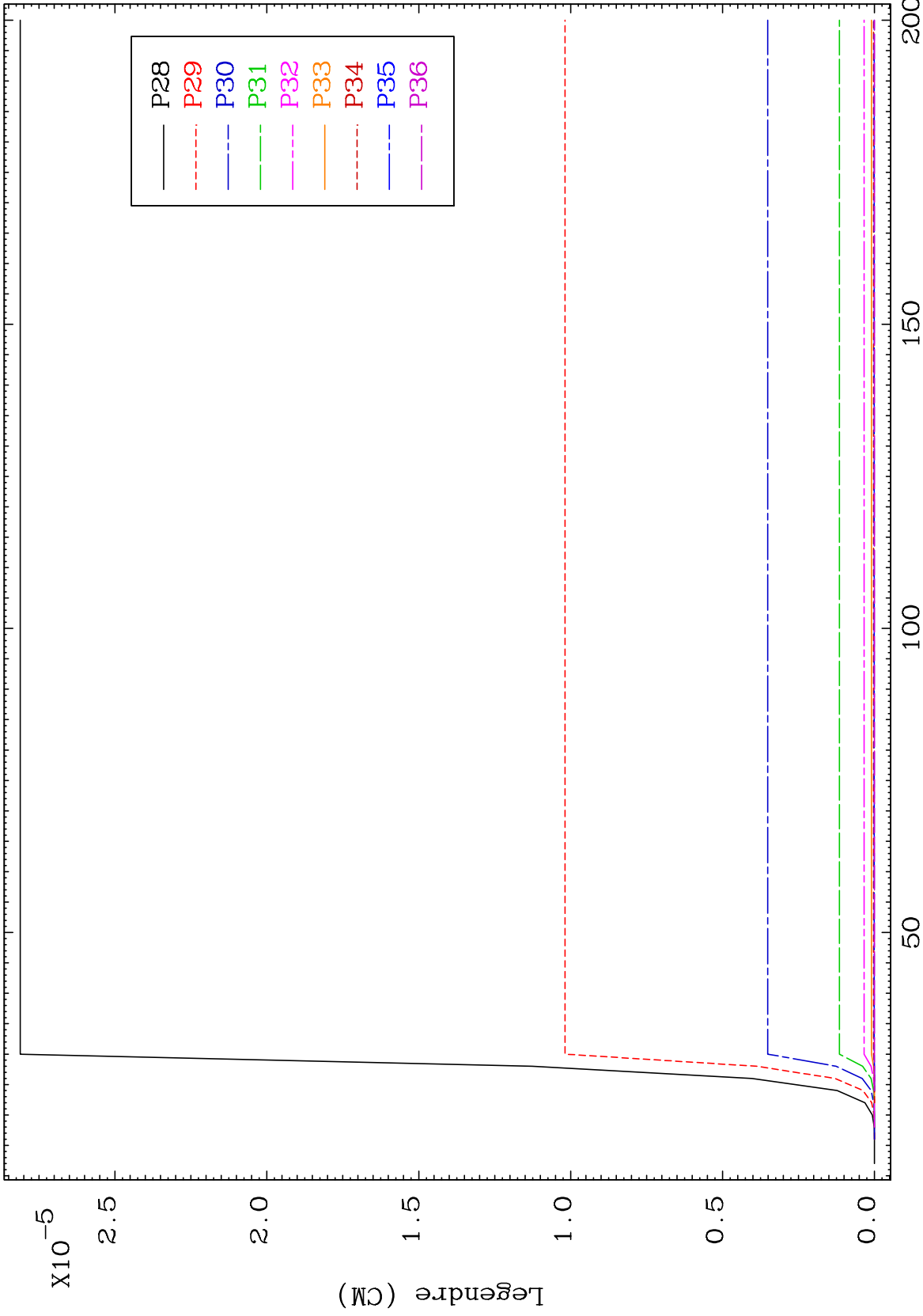
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



48

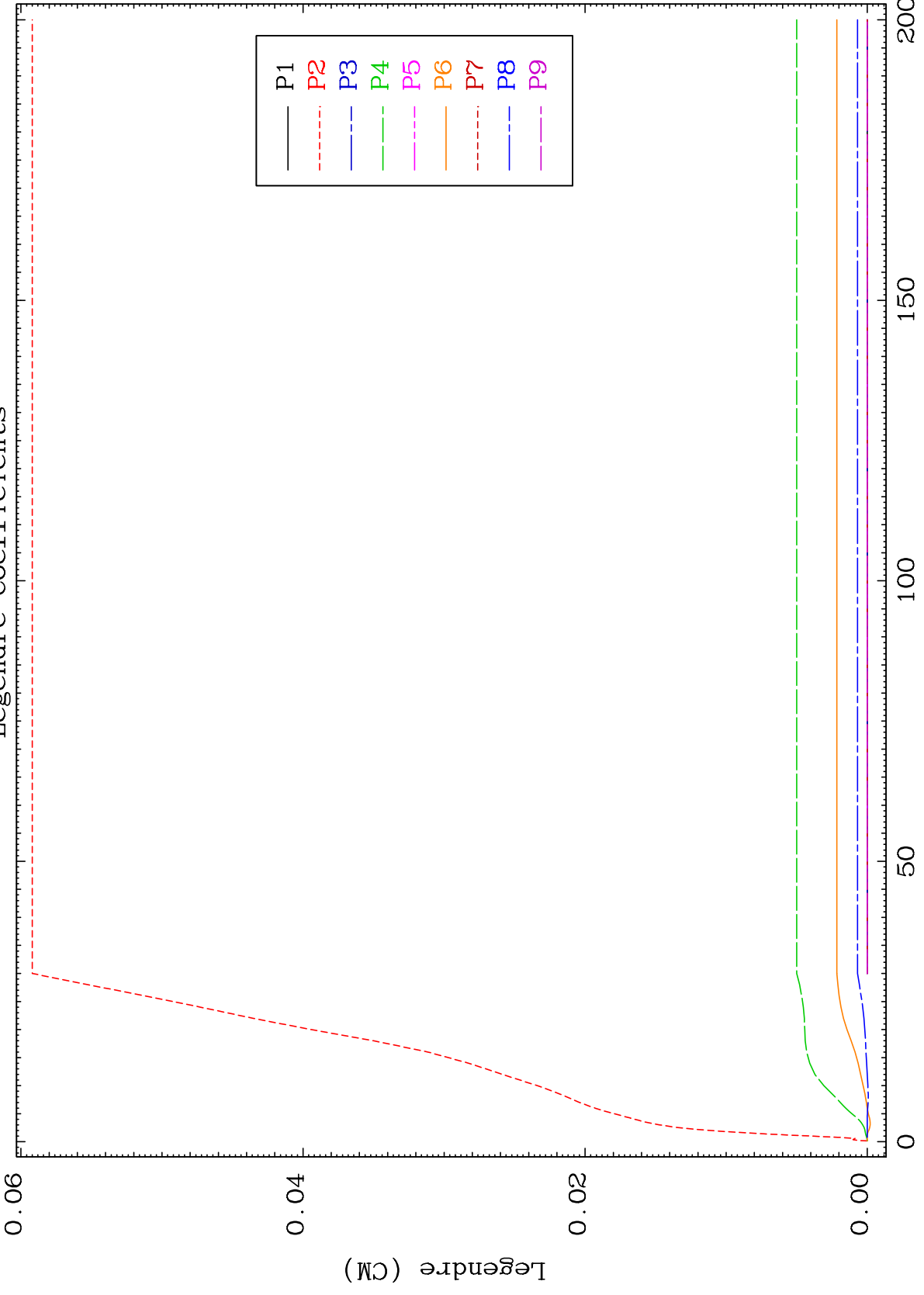
Incident Energy (MeV)

71-Lu-172

MAT 7116 MT= 59 (n,n') Level Legendre Coefficients

71-Lu-172

71-Lu-172

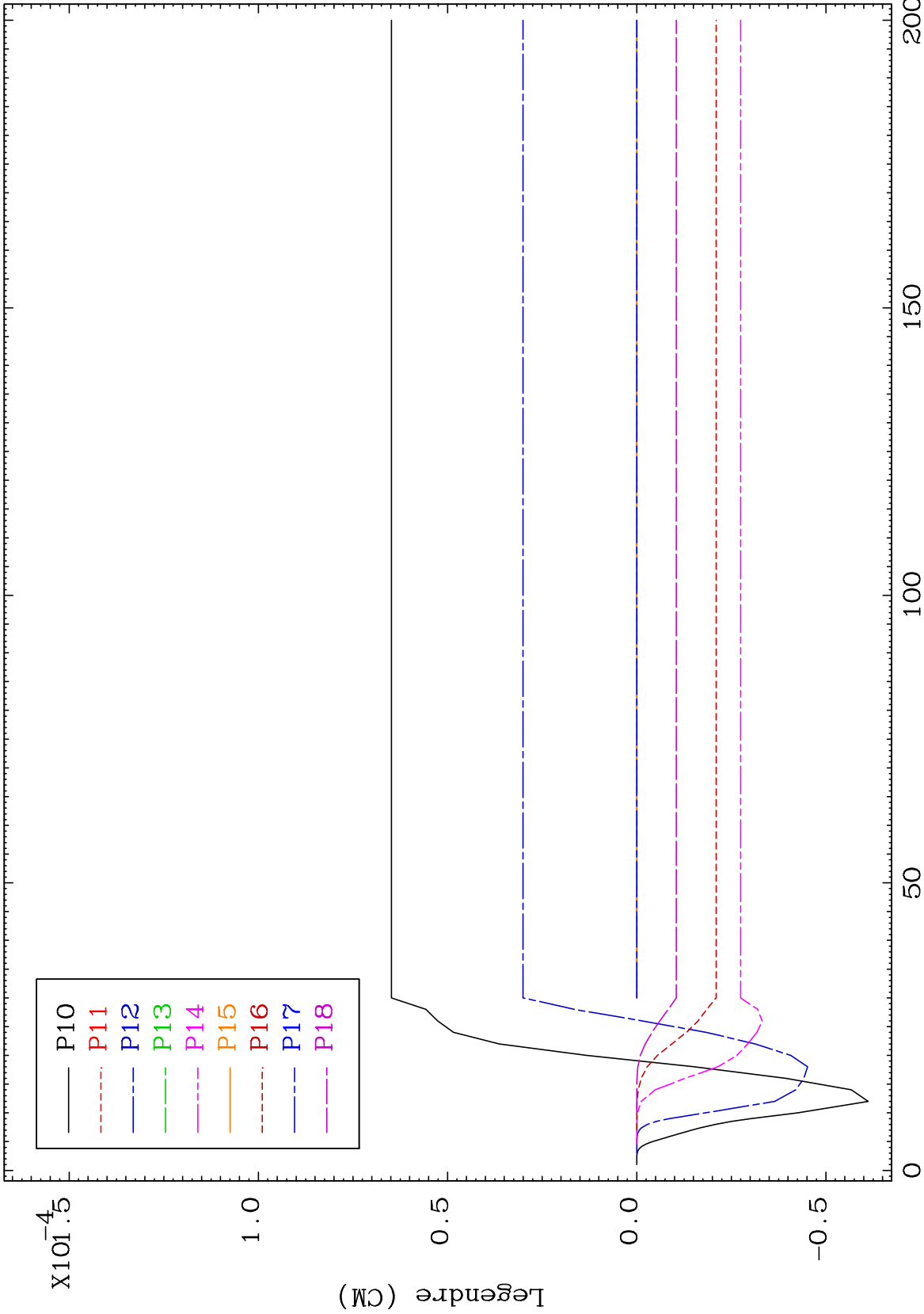


49

MAT 7116

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

71-Lu-172

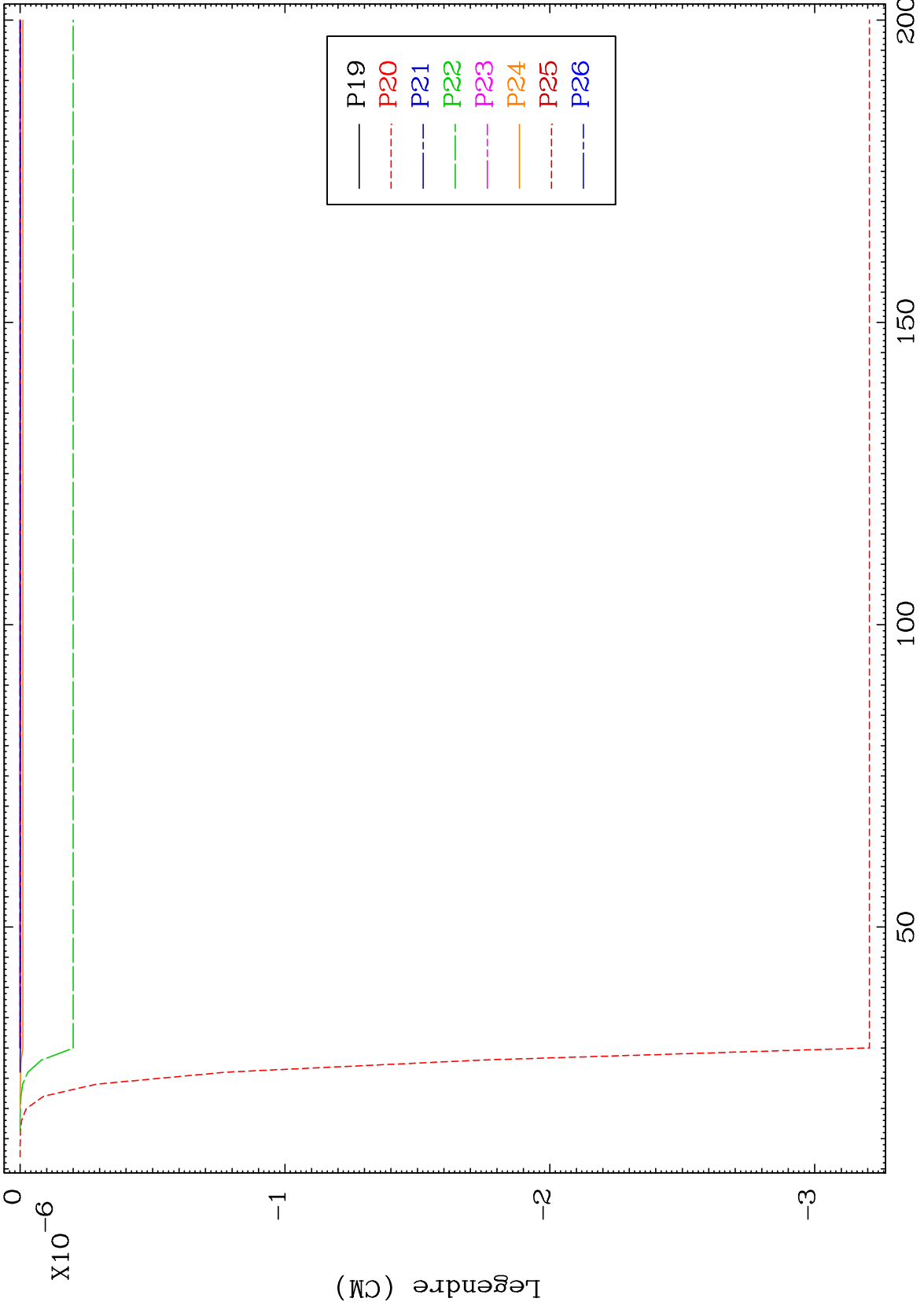


71-Lu-172

Incident Energy (MeV)

50

MAT 7116 MT= 59 (n,n') Level Legendre Coefficients 71-Lu-172

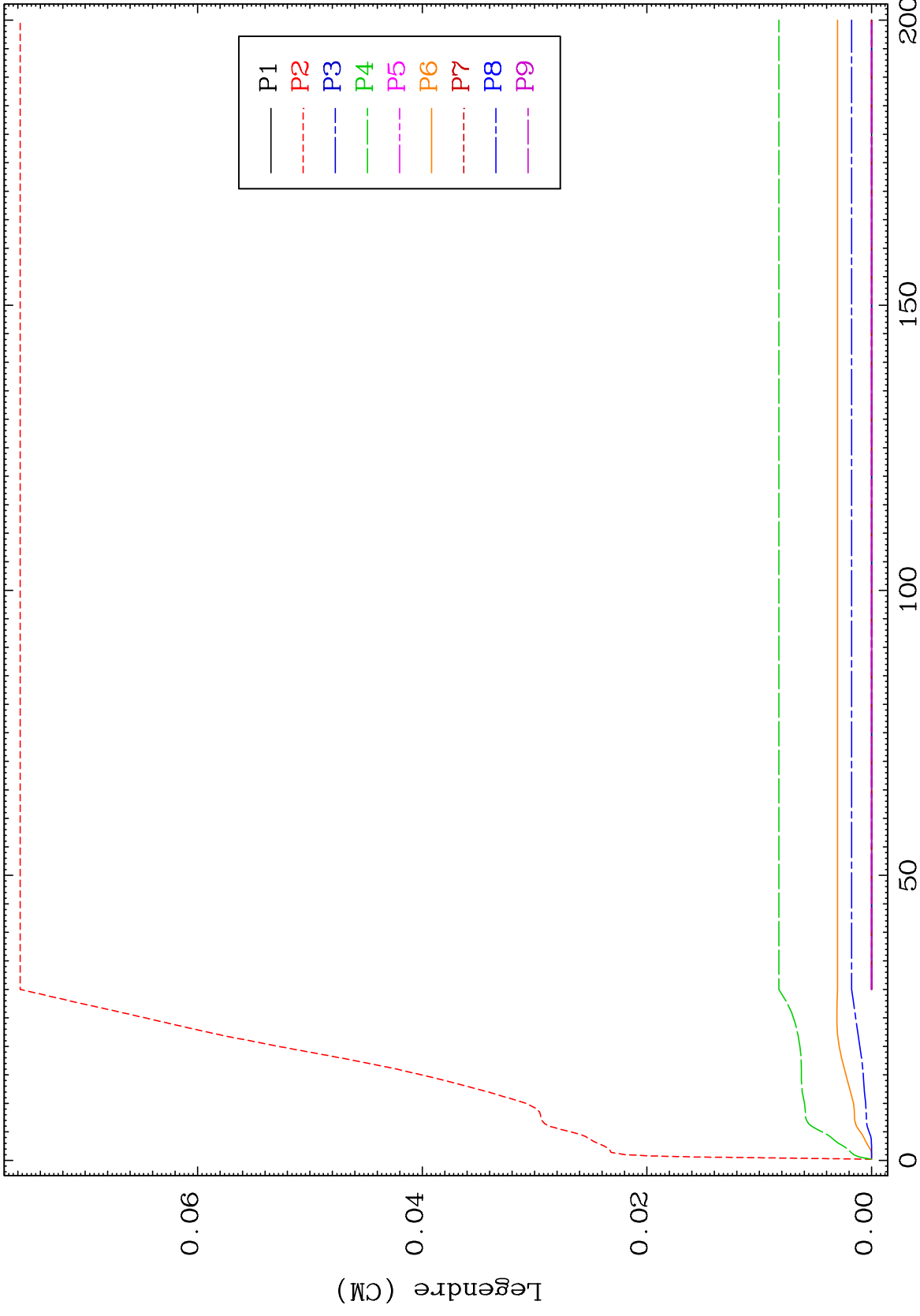


51 71-Lu-172

MAT 7116

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

71-Lu-172



52

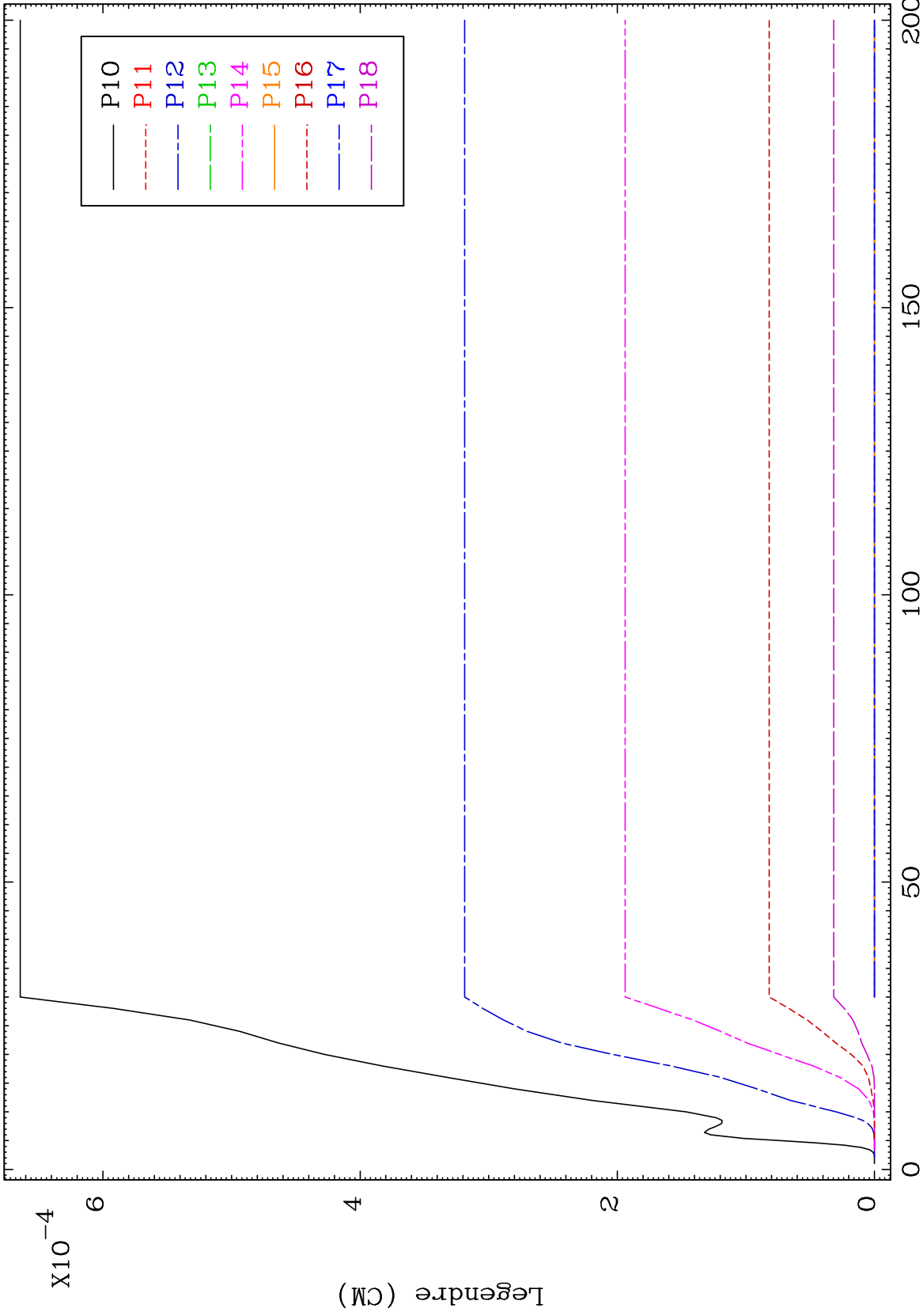
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

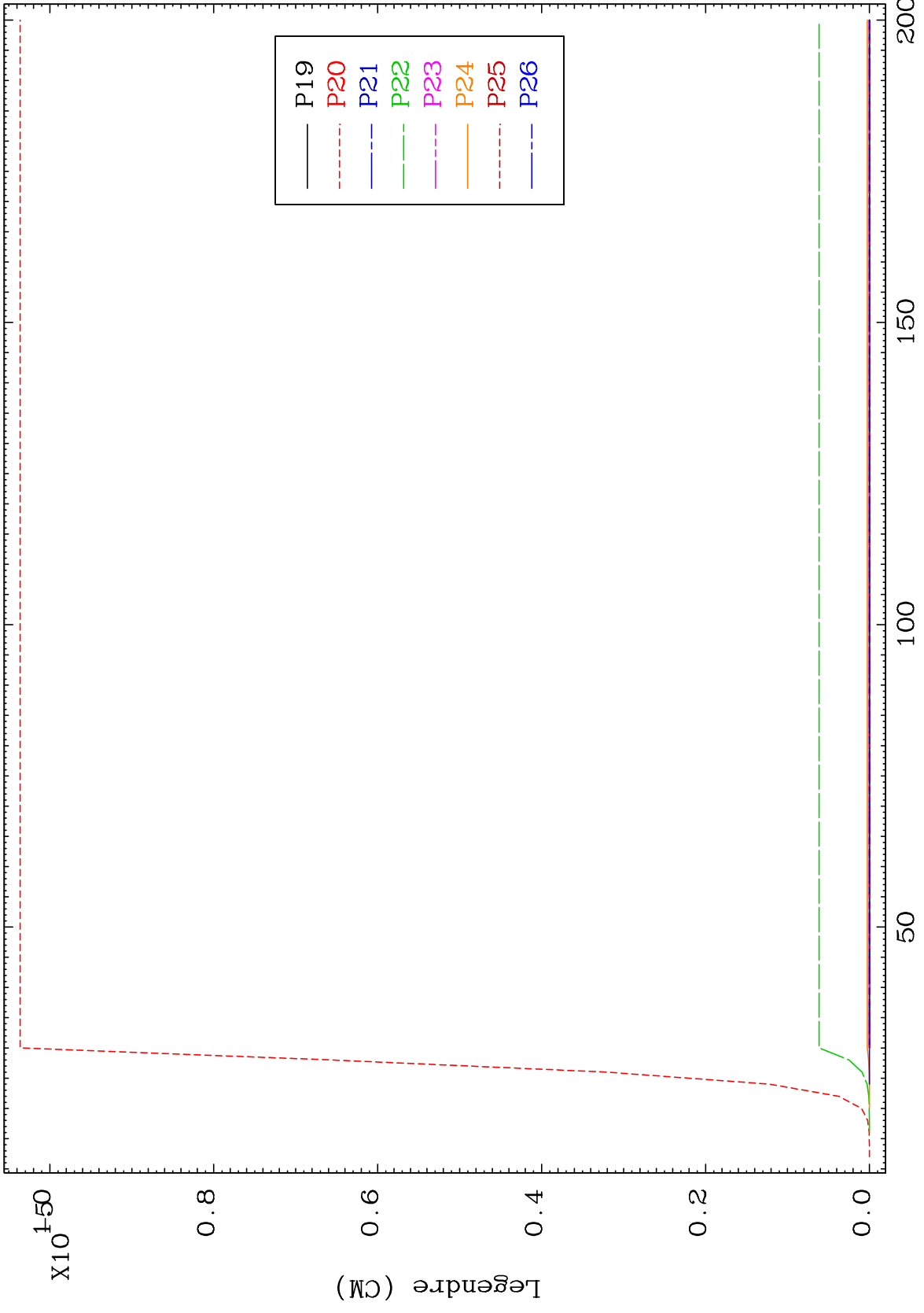
71-Lu-172



53

71-Lu-172

MAT 7116 MT= 60 (n,n') Level Legendre Coefficients 71-Lu-172

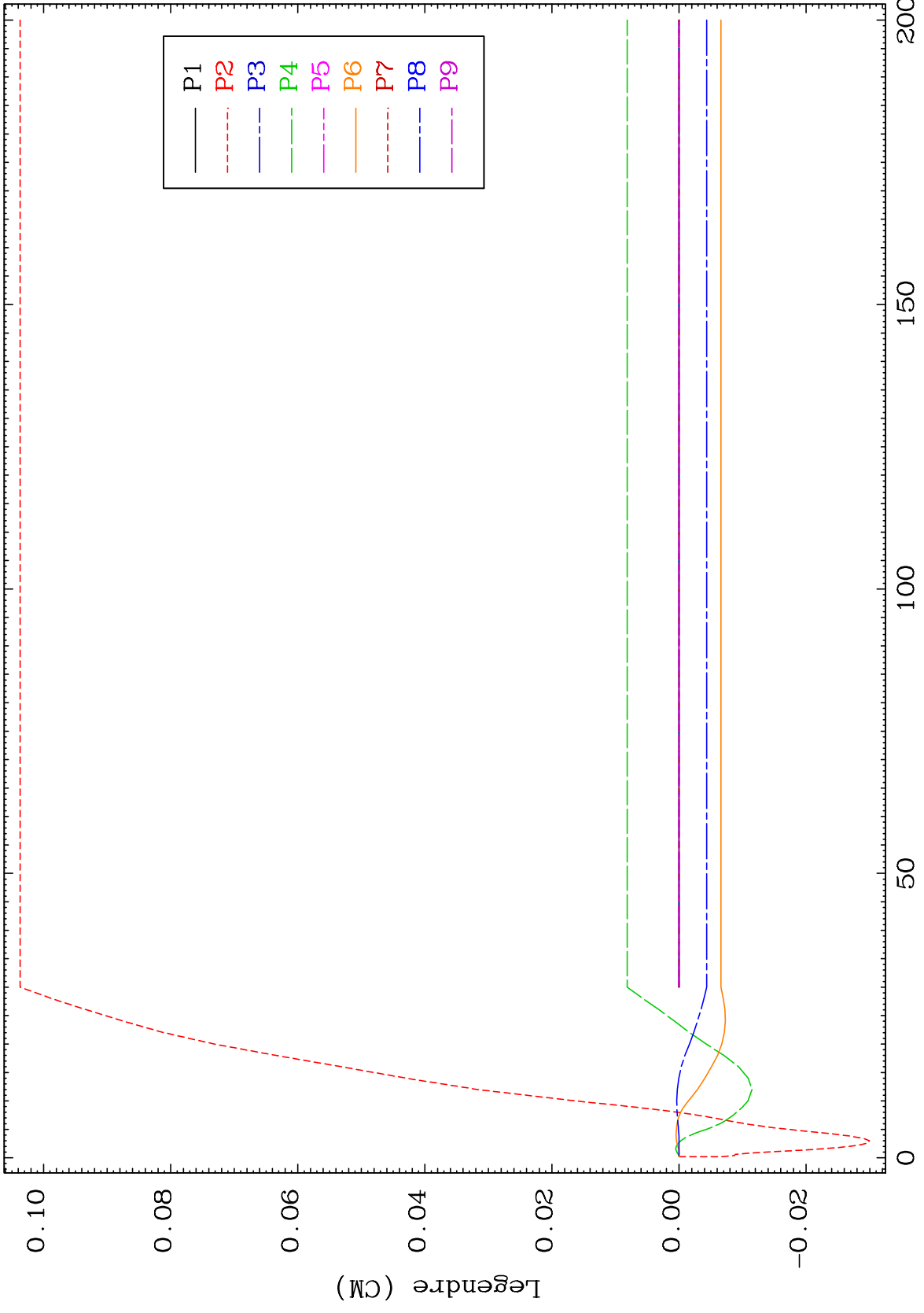


54 71-Lu-172

MAT 7116

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

71-Lu-172



55

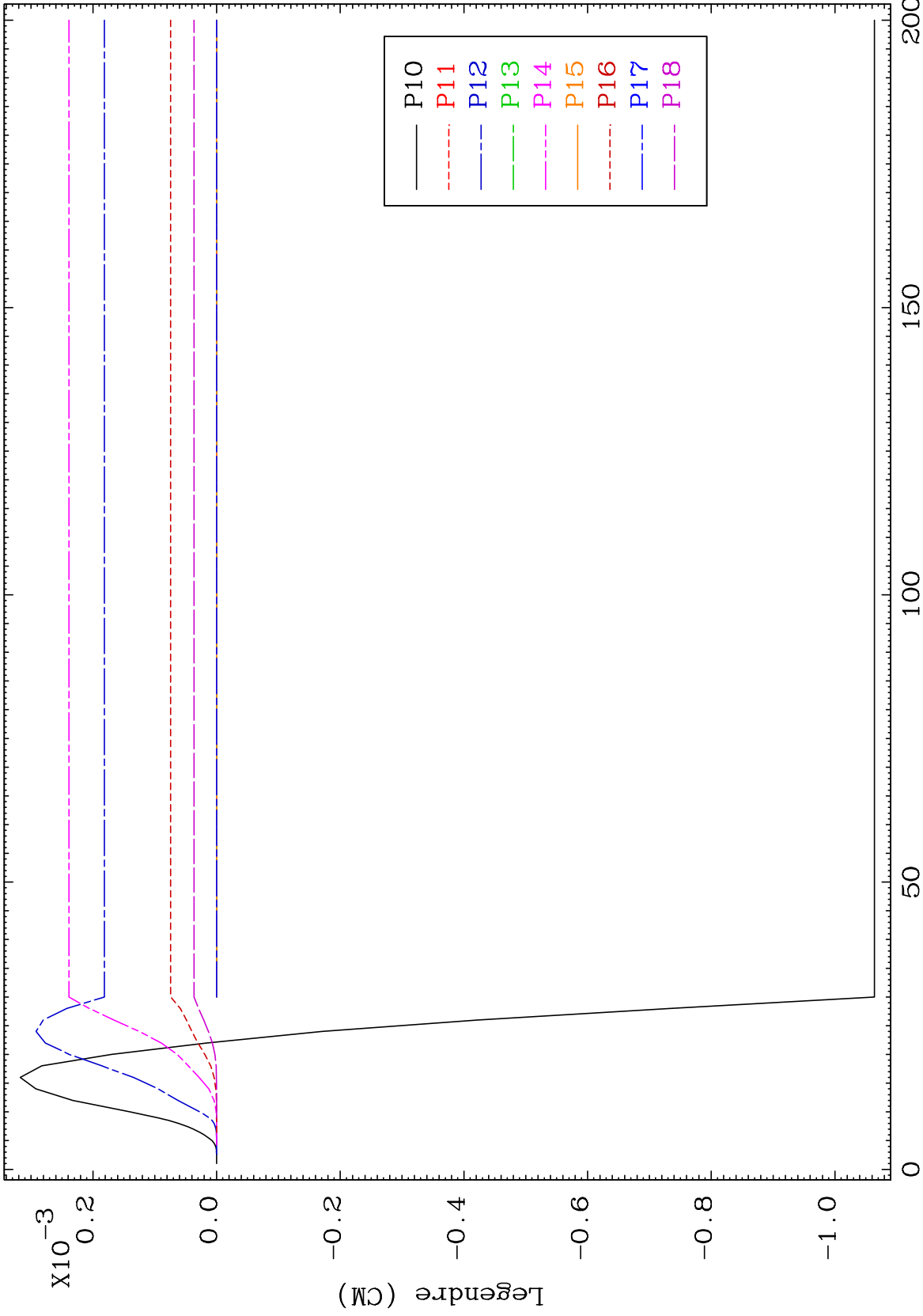
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172

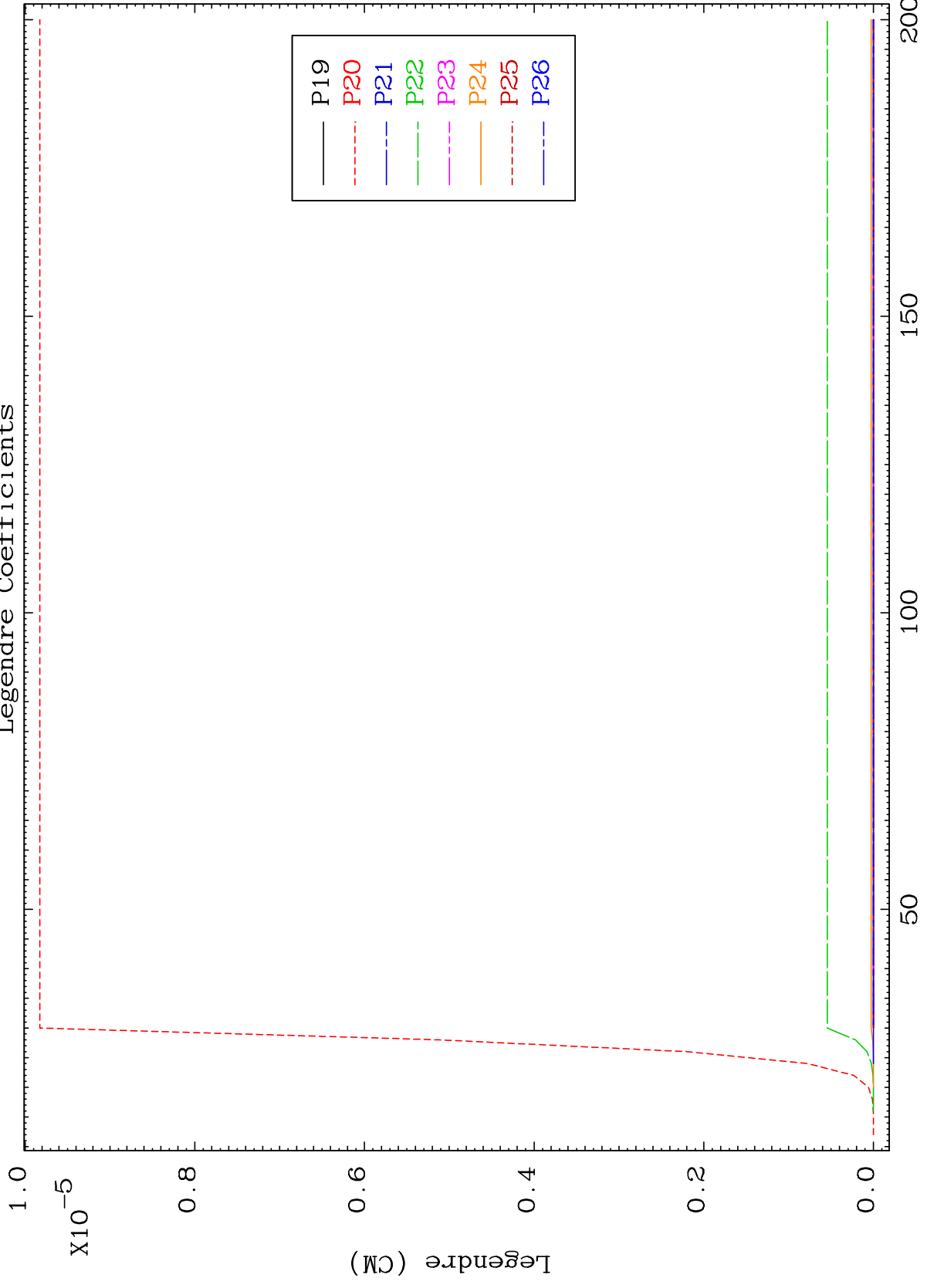


56

Incident Energy (MeV)

71-Lu-172

MAT 7116 MT= 61 (n,n') Level Legendre Coefficients 71-Lu-172

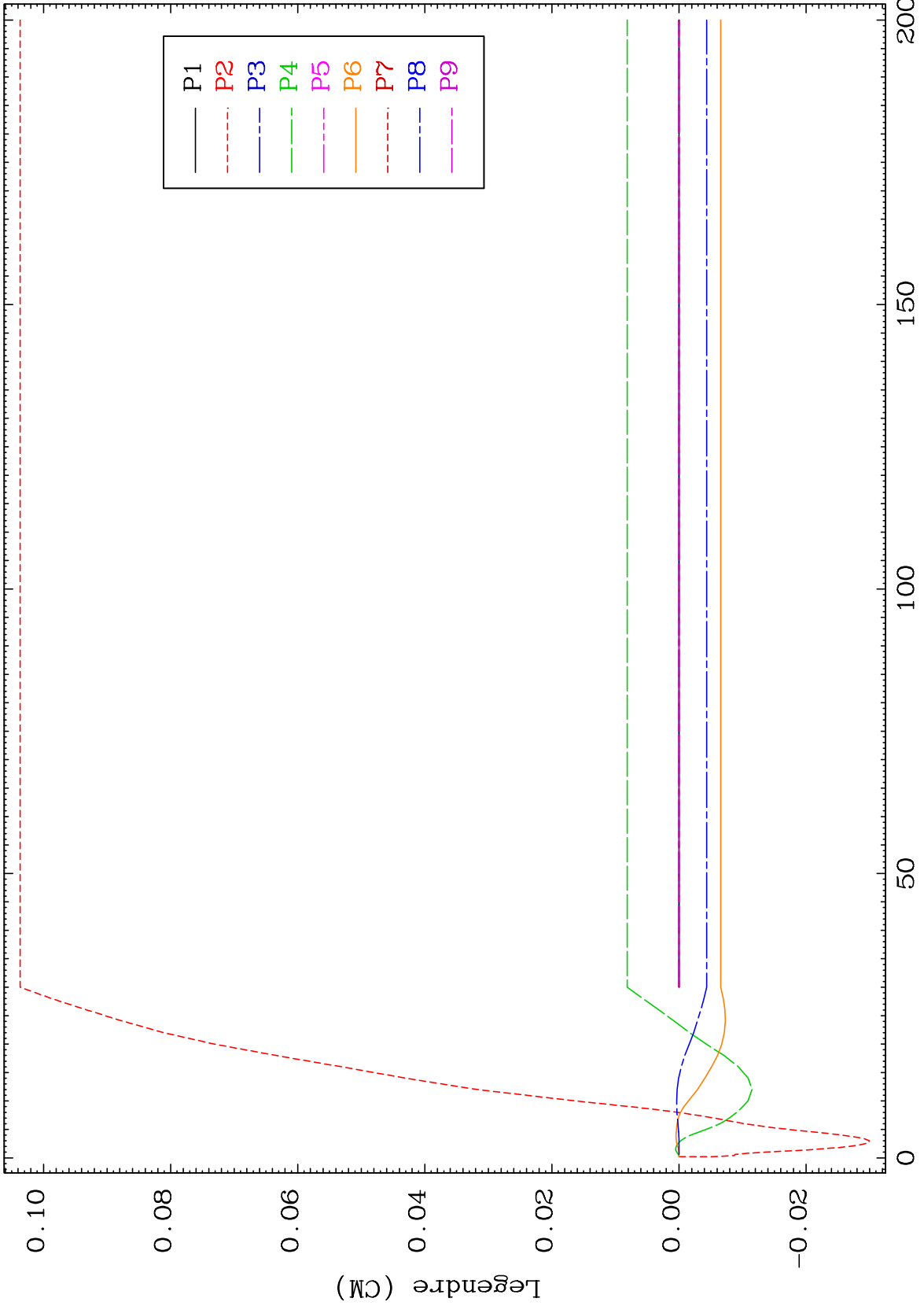


57 Incident Energy (MeV) 71-Lu-172

MAT 7116

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

71-Lu-172



58

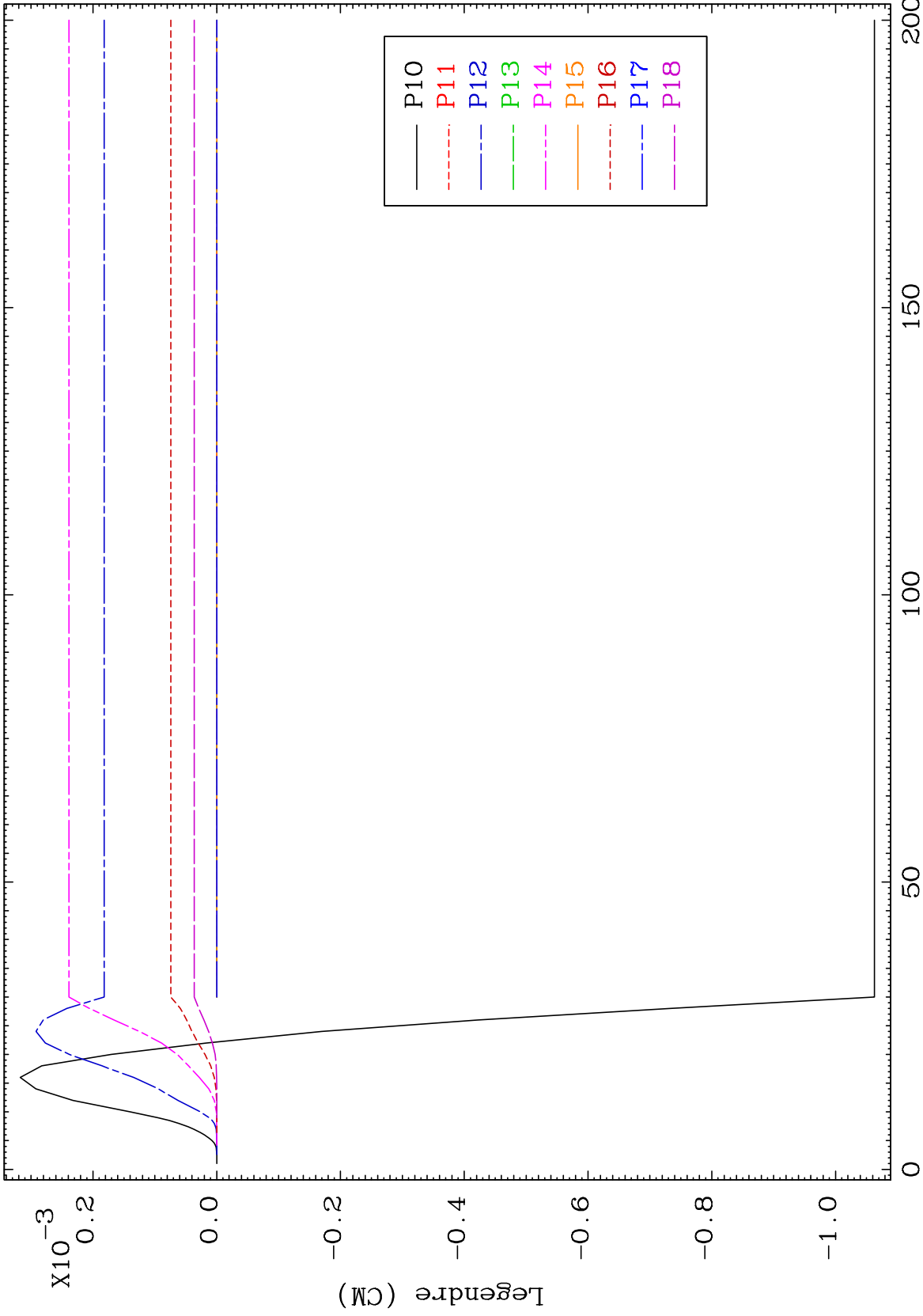
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172

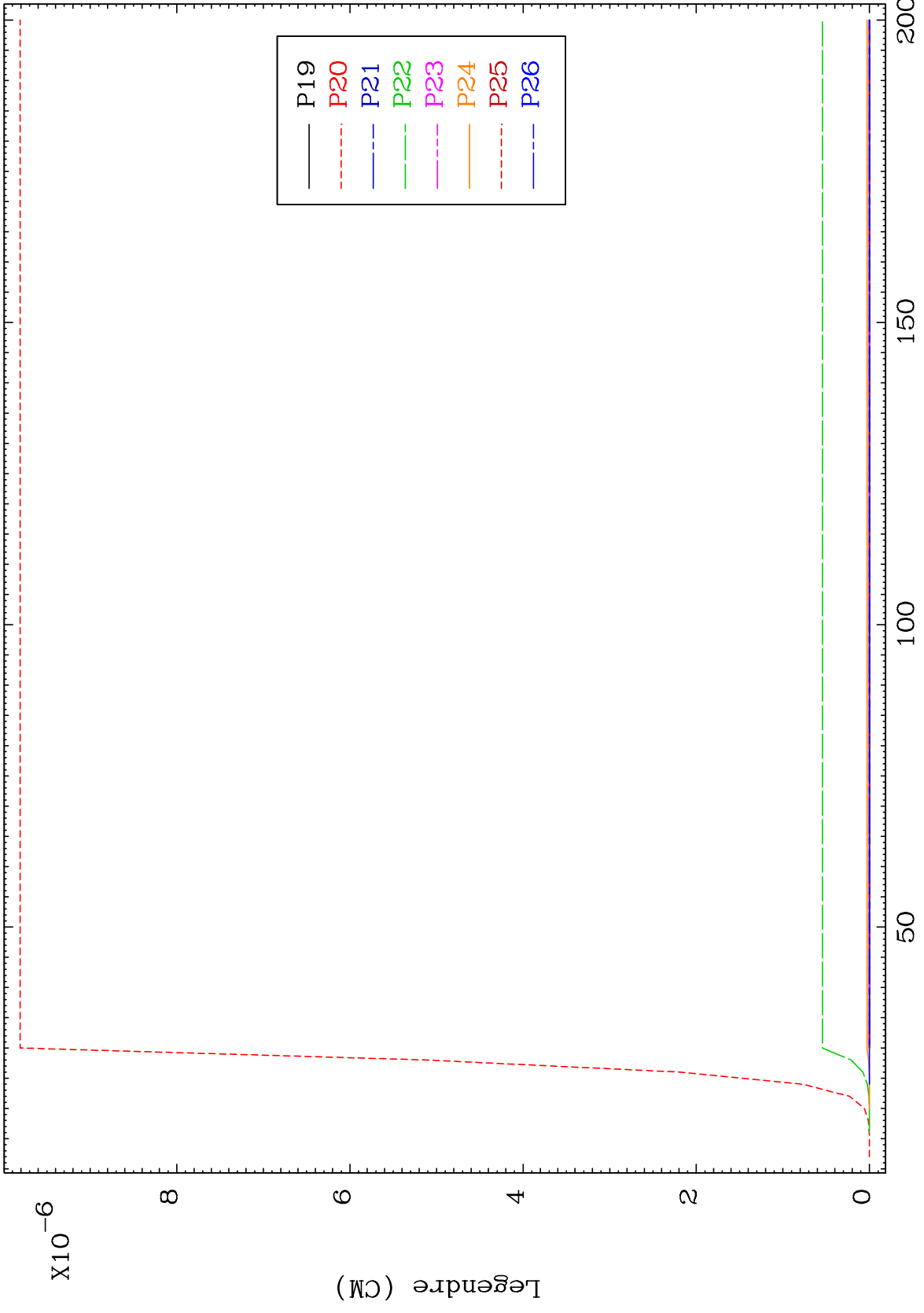


59

Incident Energy (MeV)

71-Lu-172

MAT 7116 MT= 62 (n,n') Level Legendre Coefficients 71-Lu-172

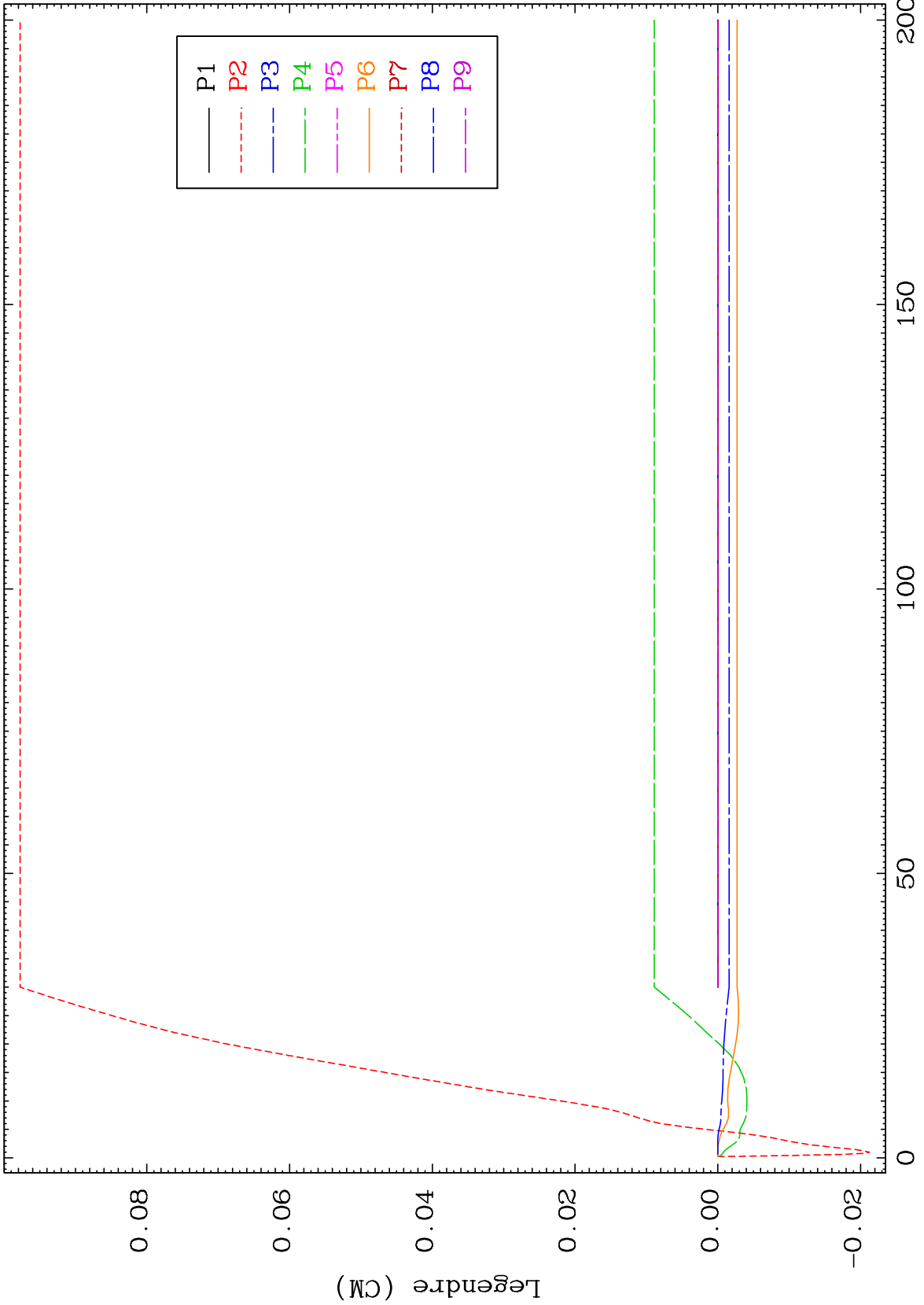


71-Lu-172

MAT 7116

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

71-Lu-172



61

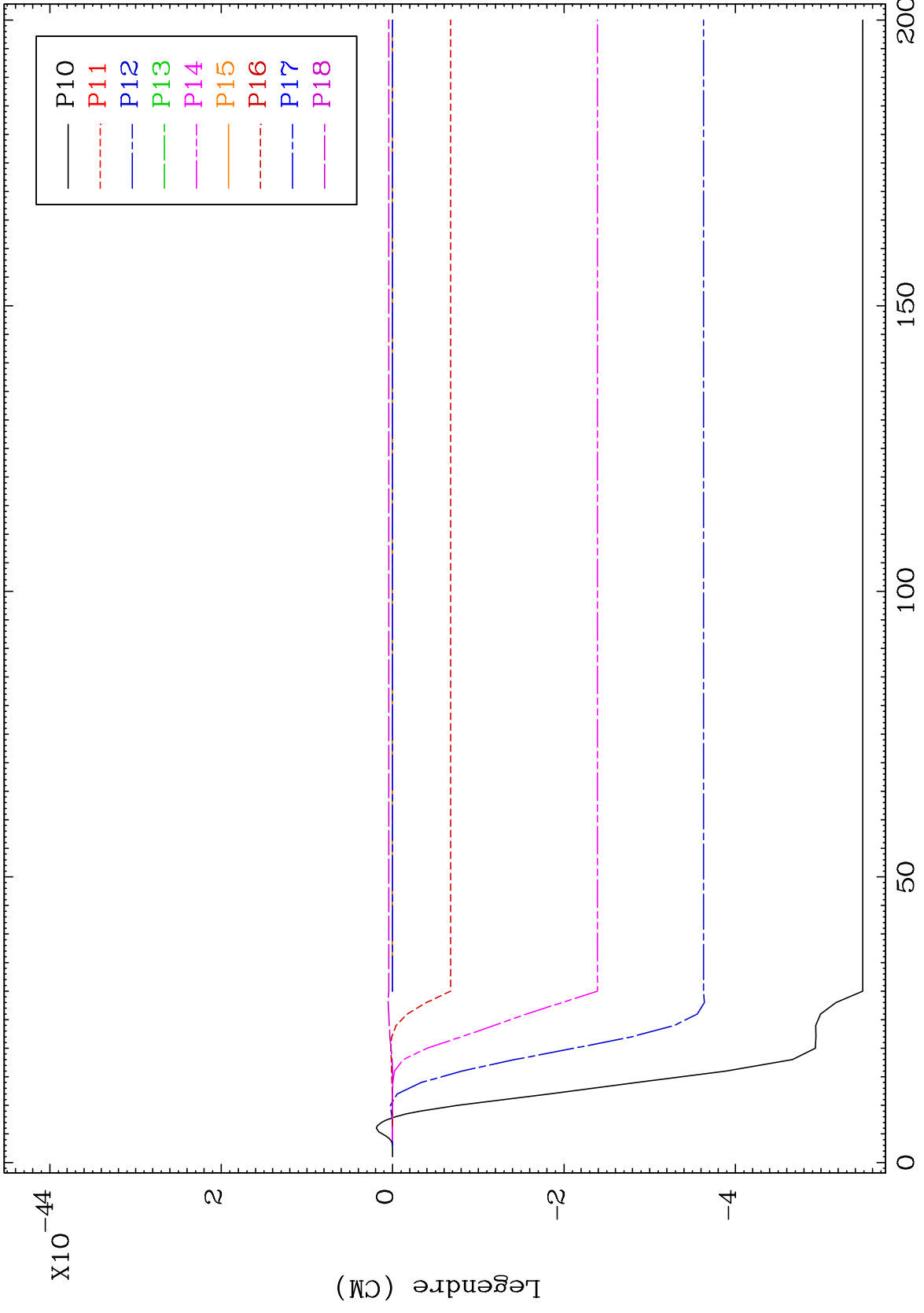
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172

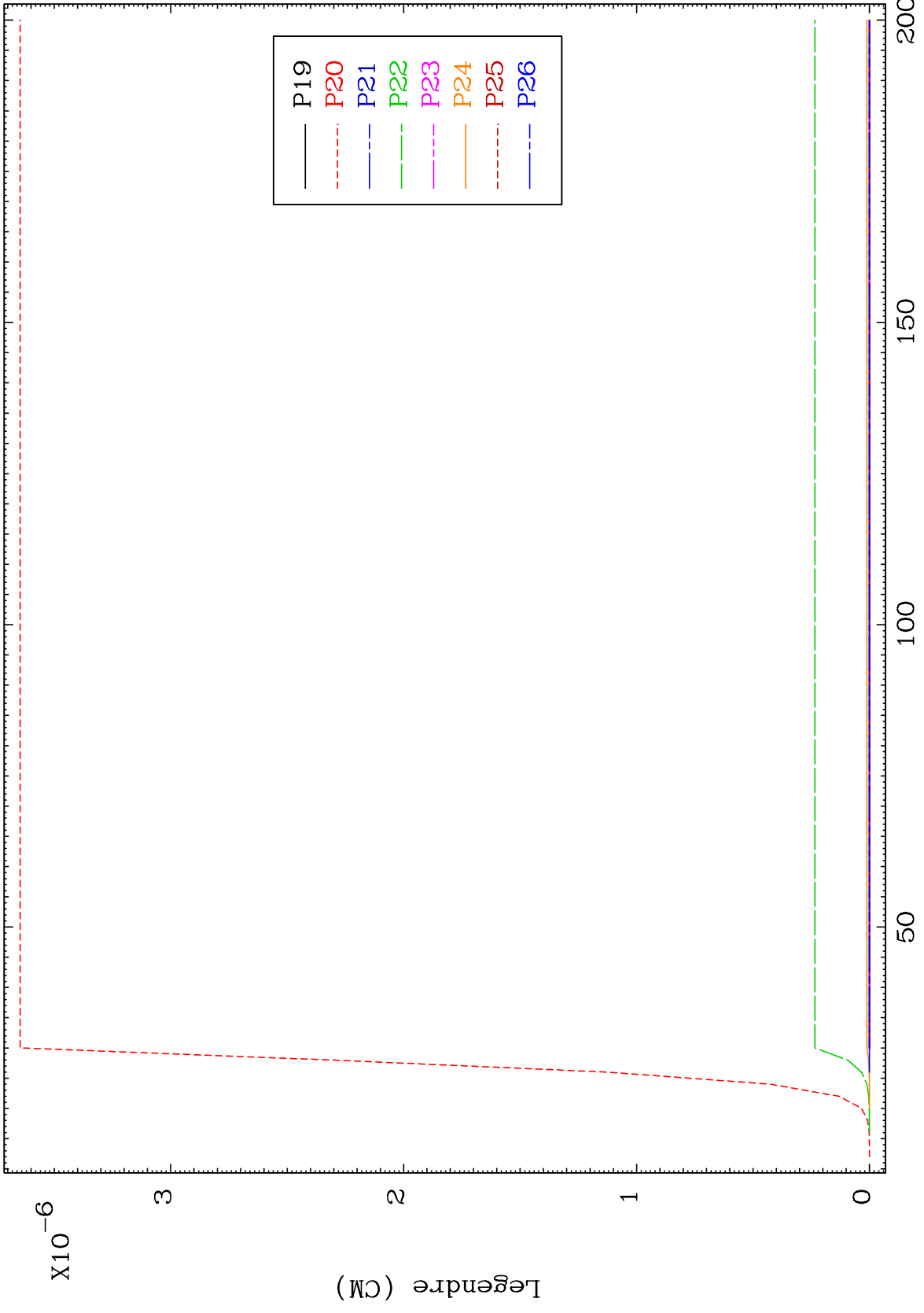


62

Incident Energy (MeV)

71-Lu-172

MAT 7116 MT= 63 (n,n') Level Legendre Coefficients 71-Lu-172

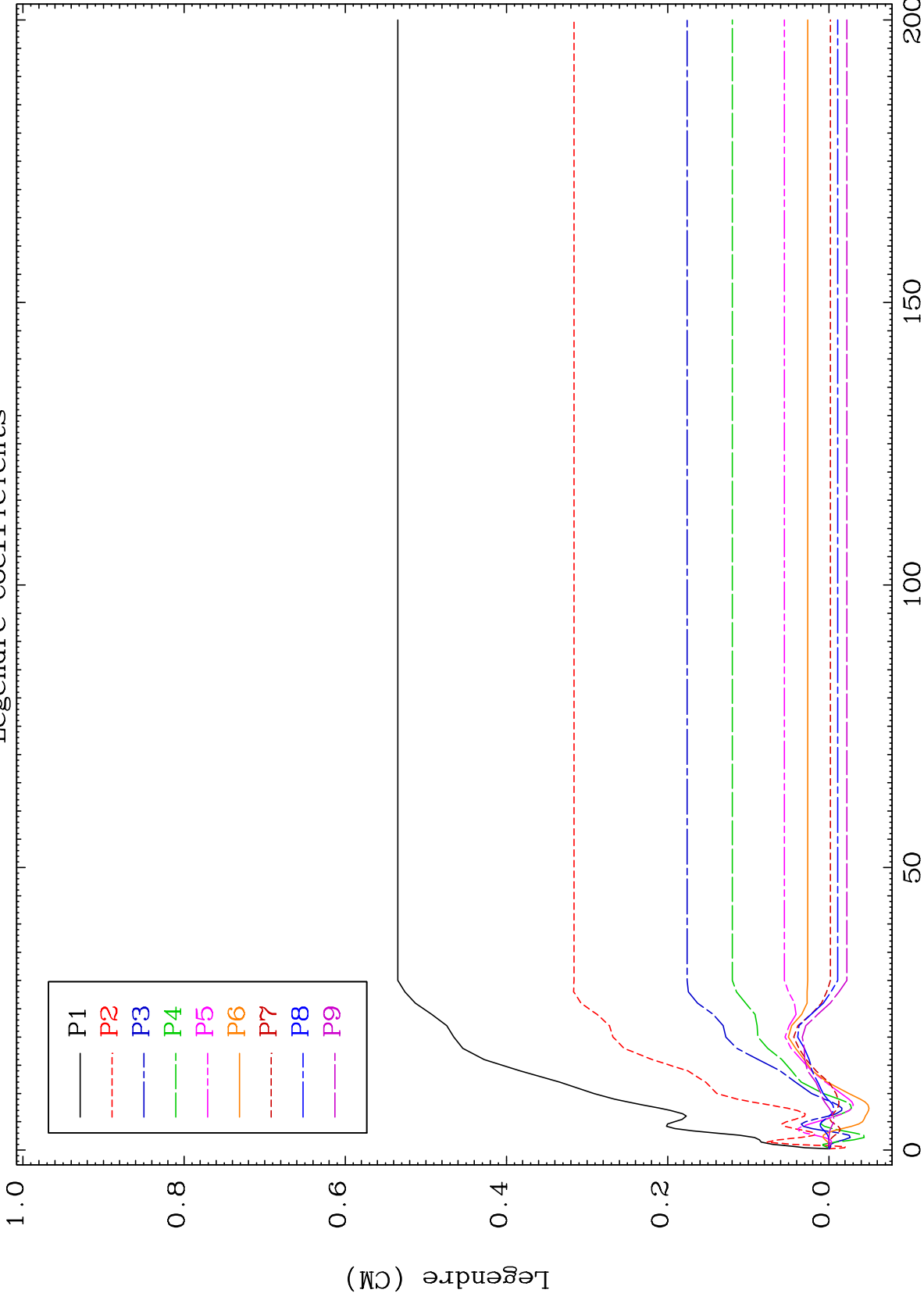


63 Incident Energy (MeV) 71-Lu-172

MAT 7116

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

71-Lu-172



71-Lu-172

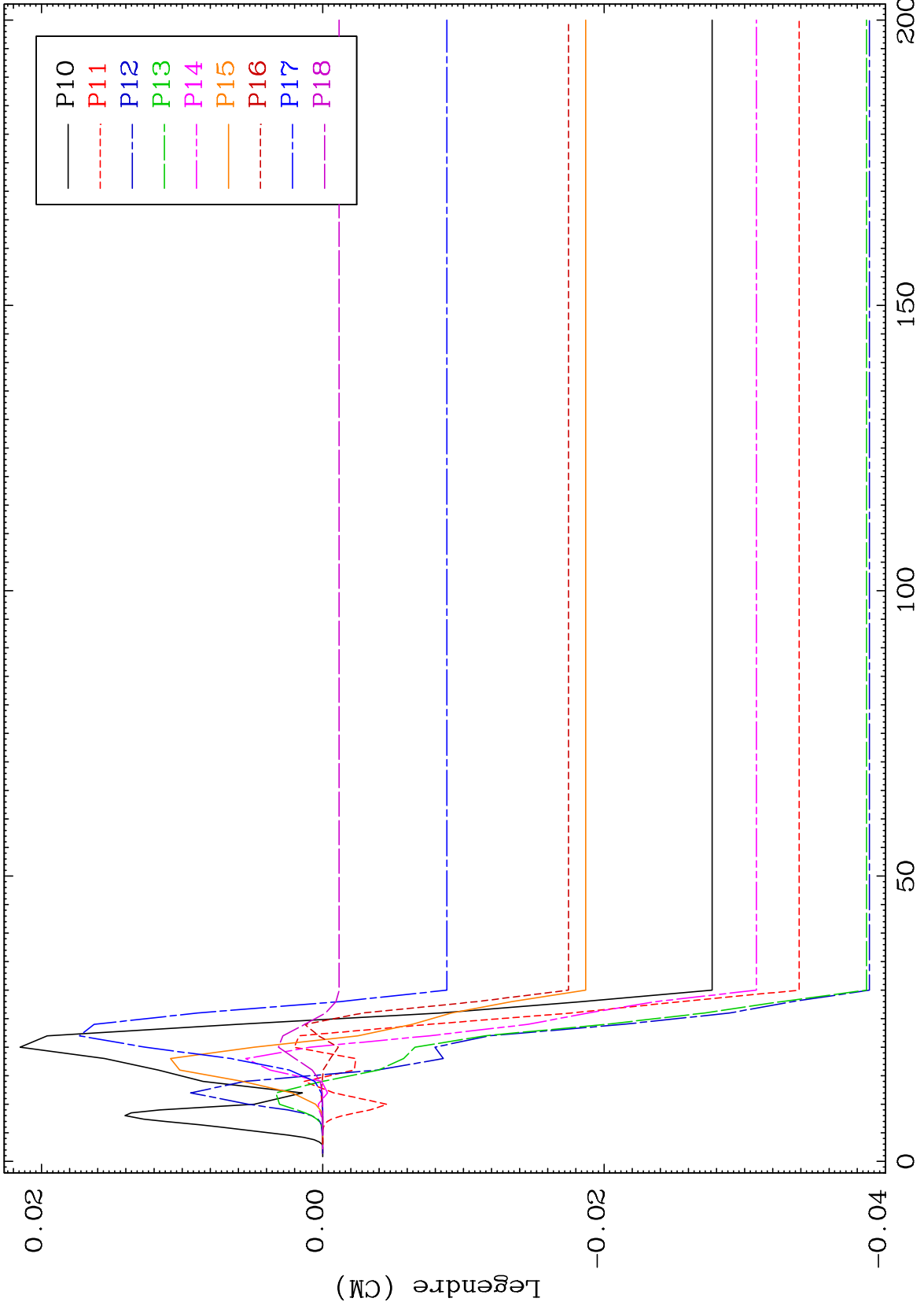
Incident Energy (MeV)

64

MAT 7116

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

71-Lu-172



65

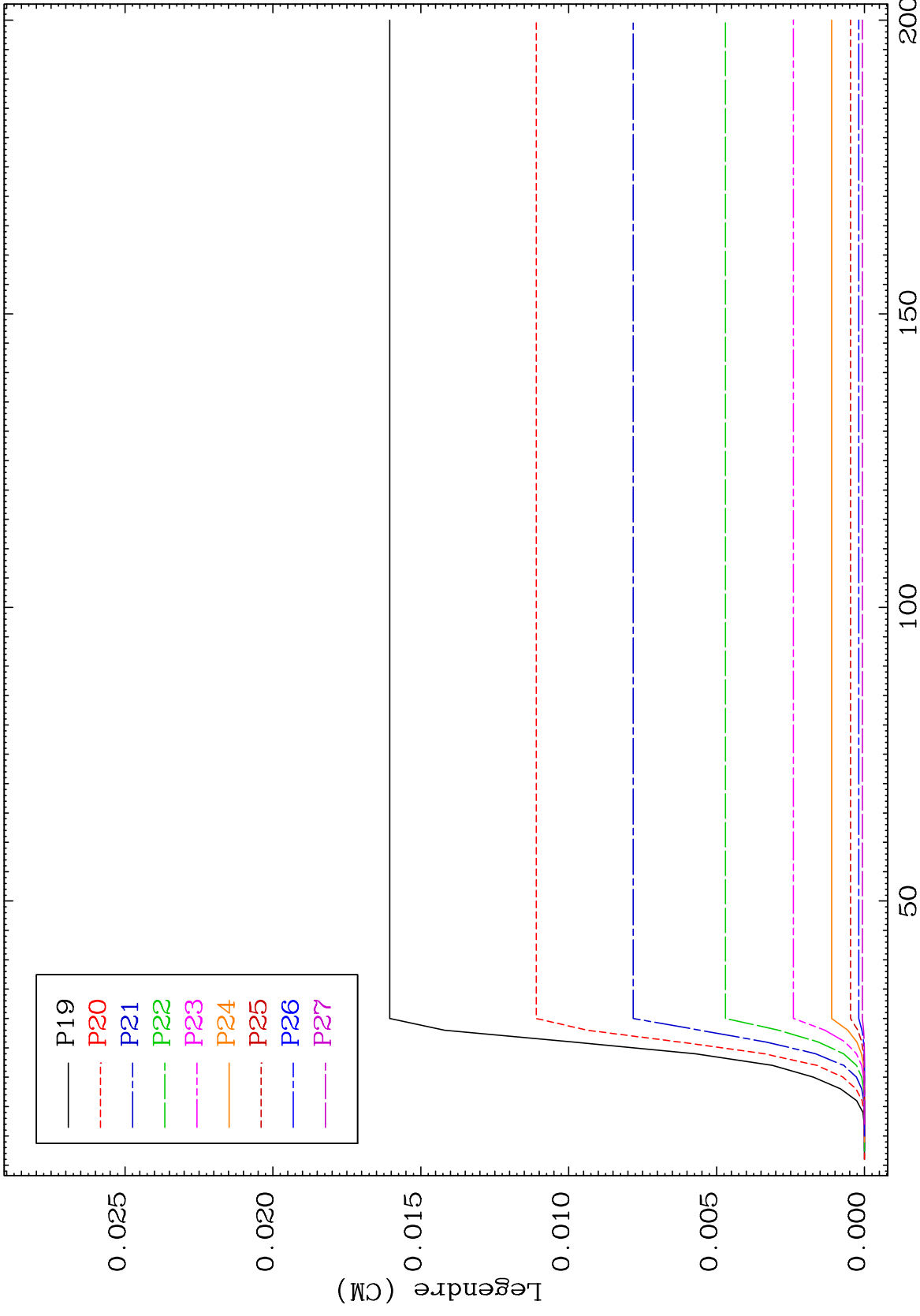
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



66

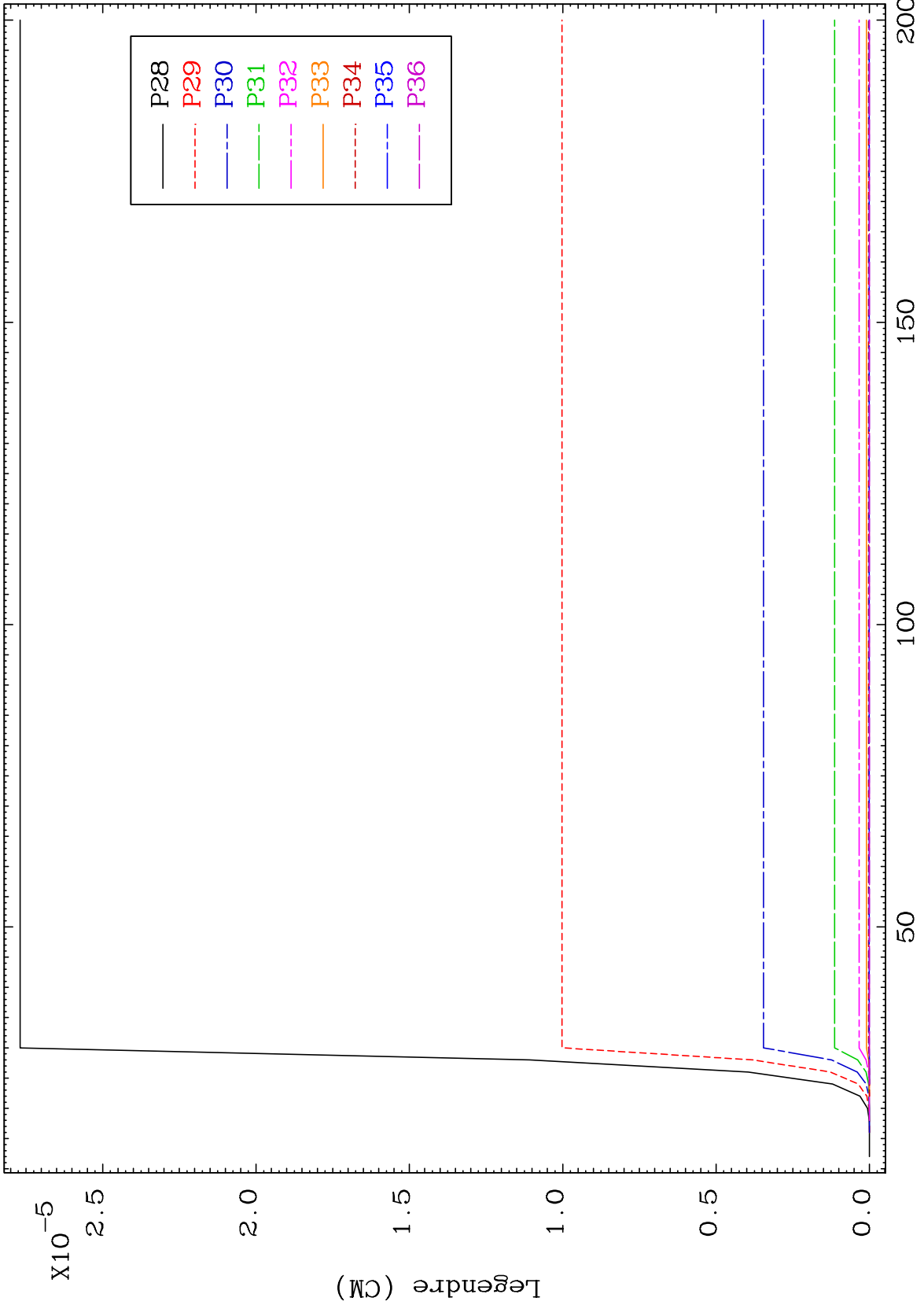
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172

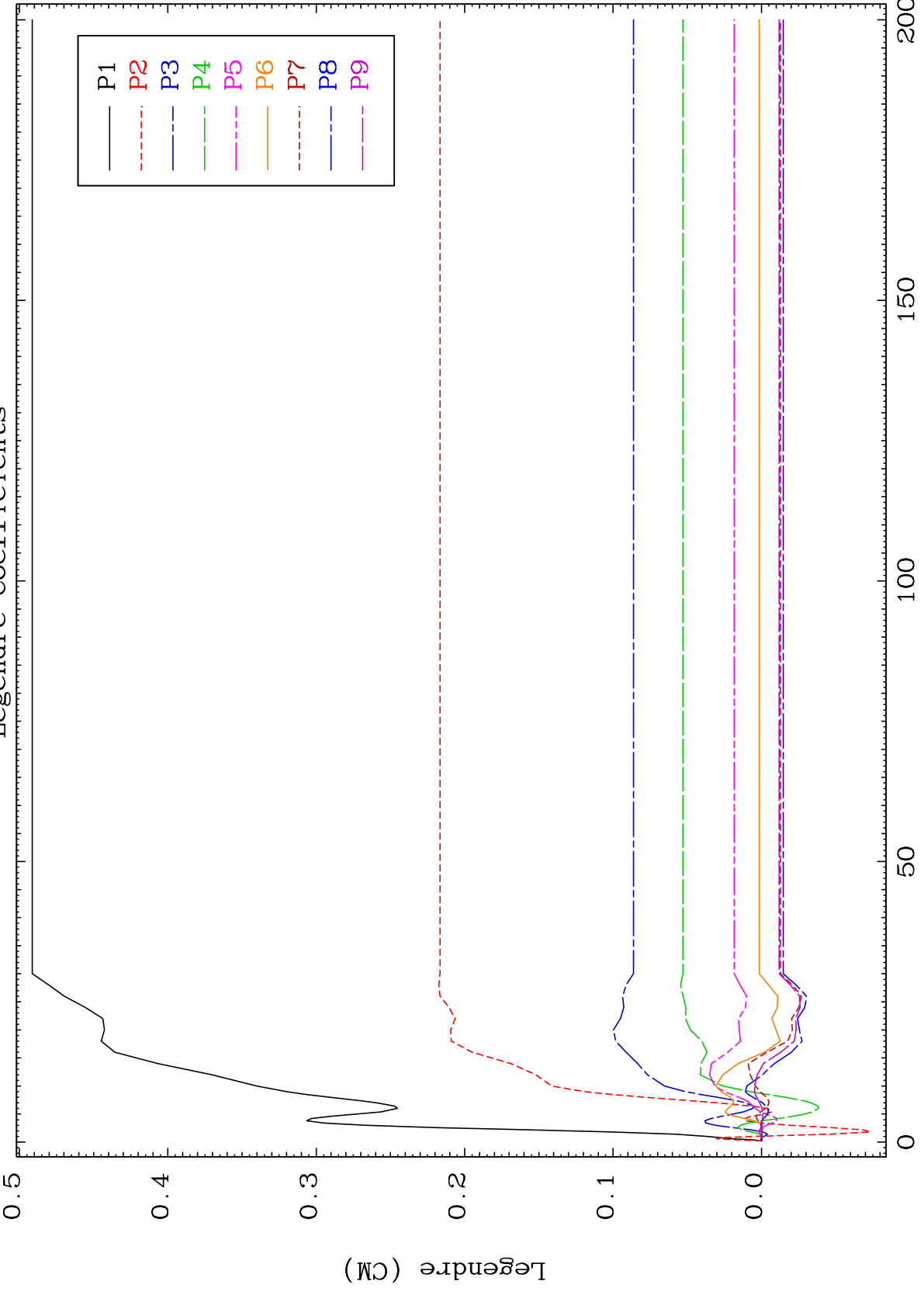


67

Incident Energy (MeV)

71-Lu-172

MAT 7116 MT= 65 (n,n') Level Legendre Coefficients 71-Lu-172

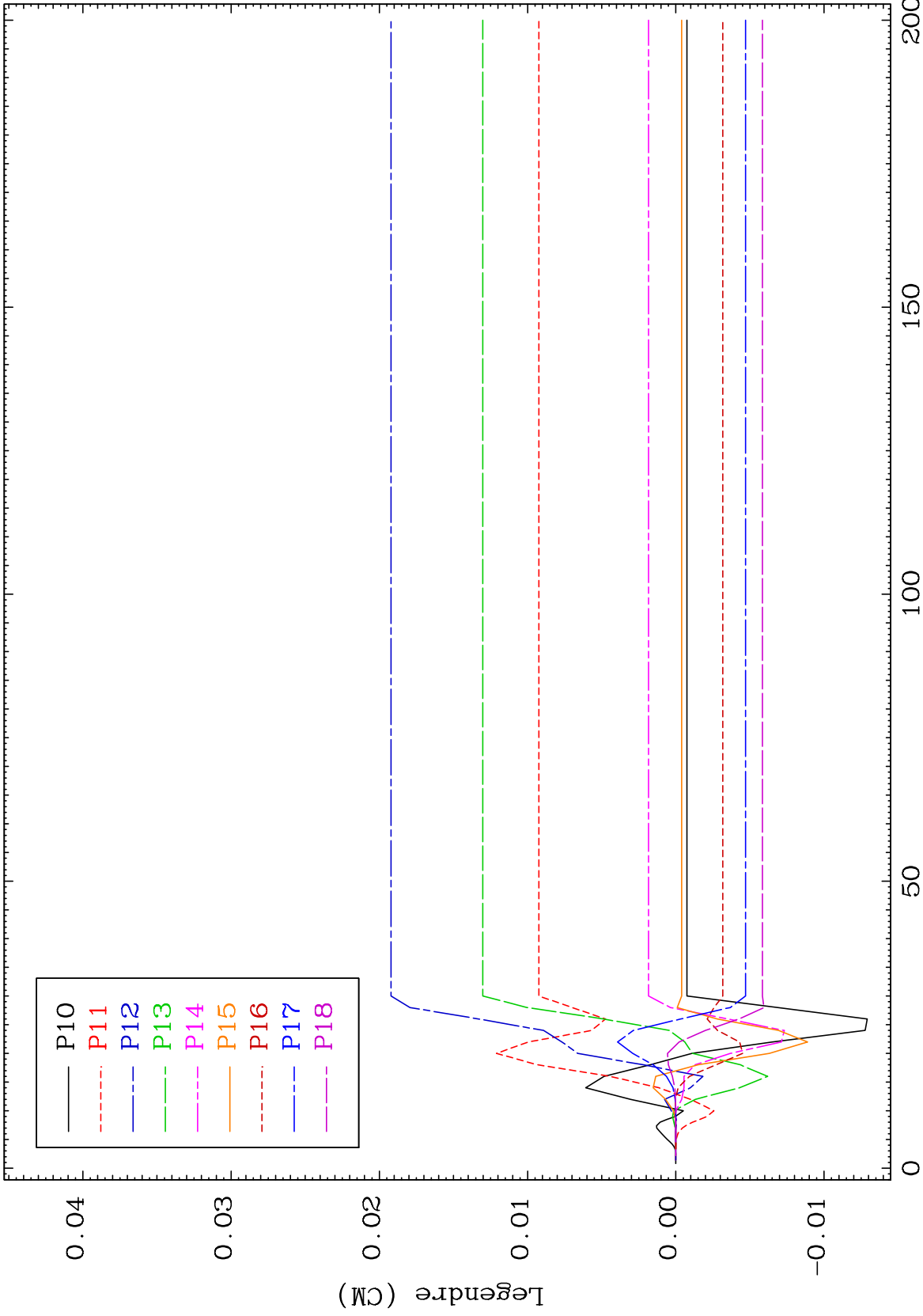


68 71-Lu-172

MAT 7116

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

71-Lu-172



69

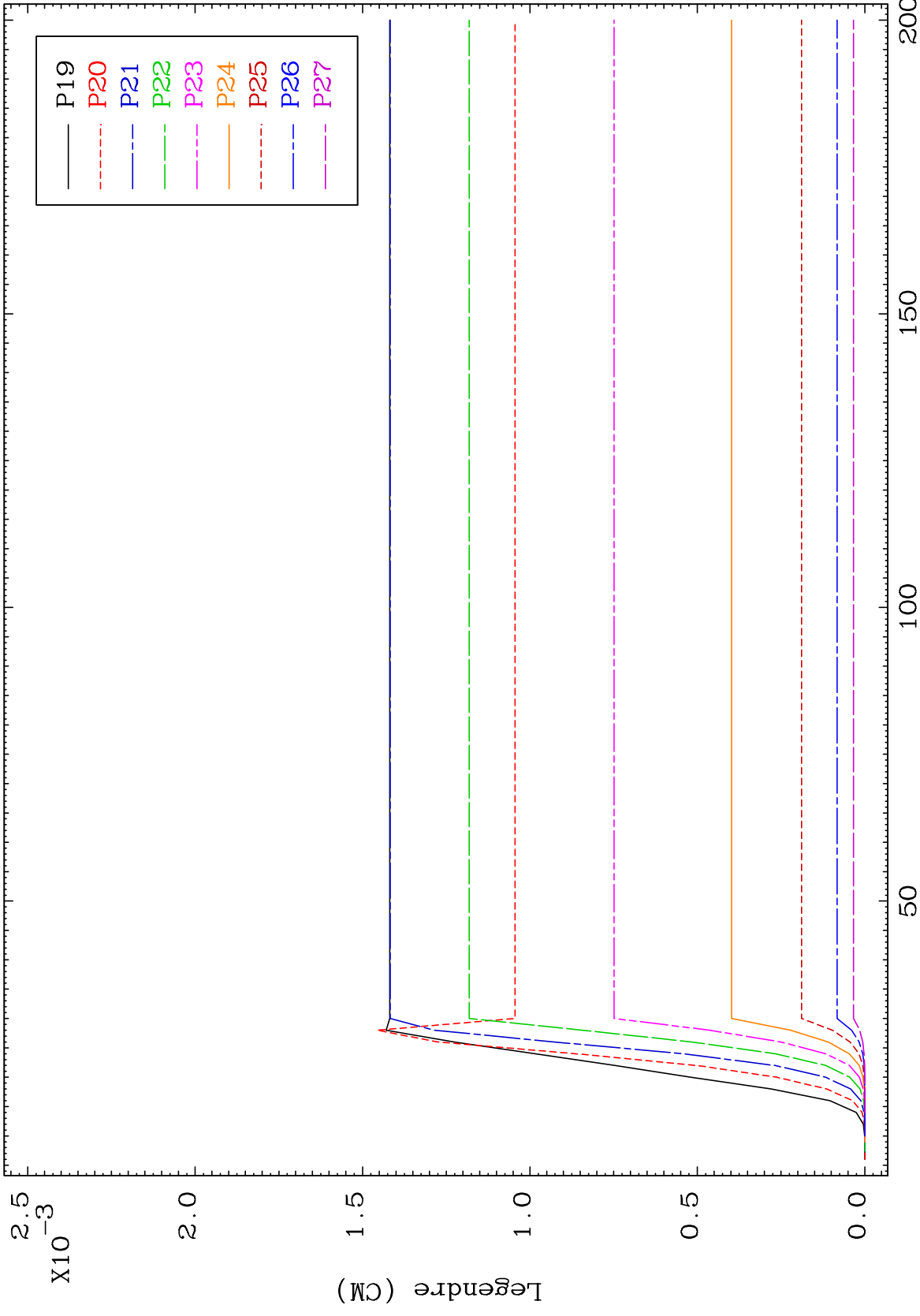
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



70

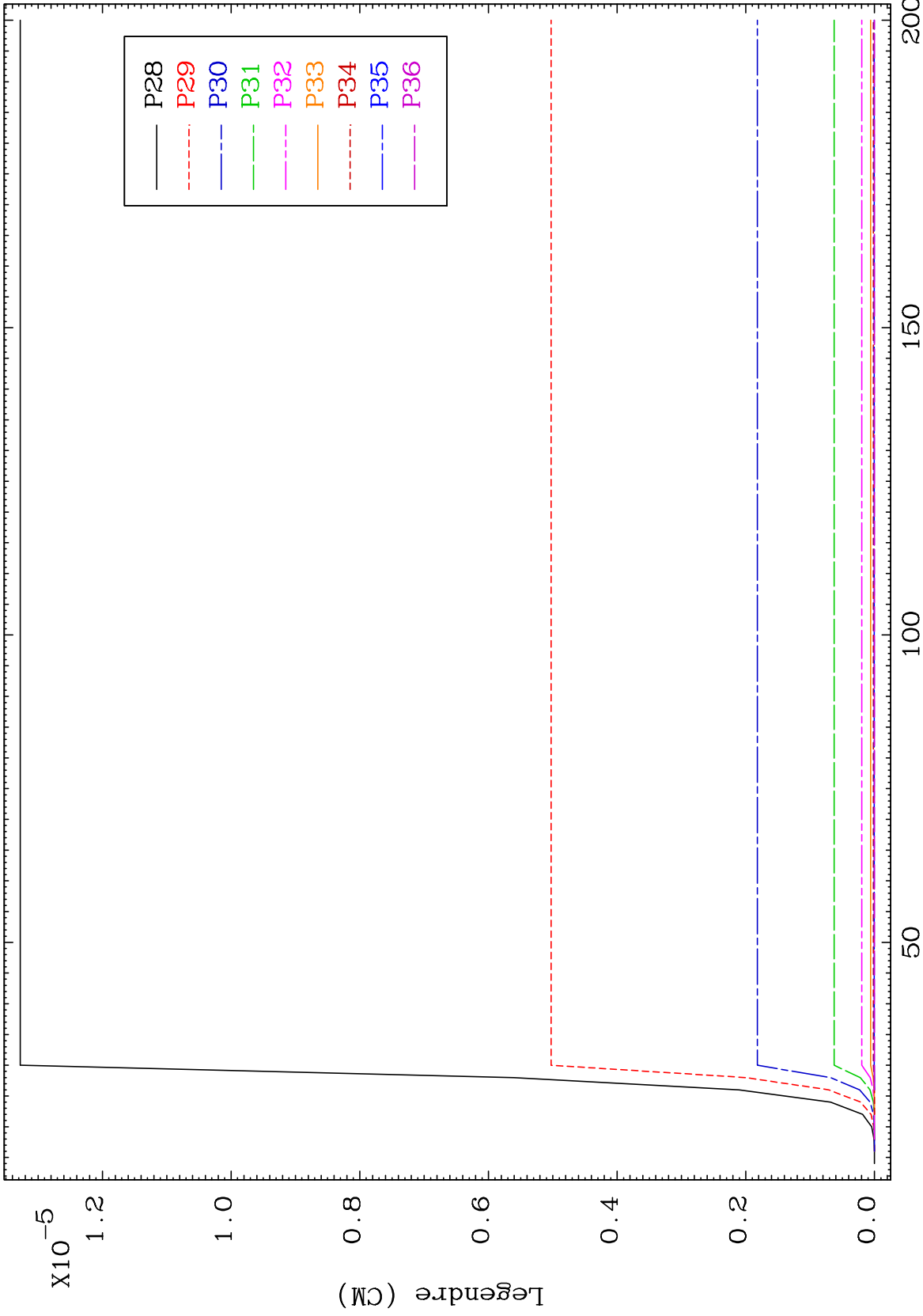
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



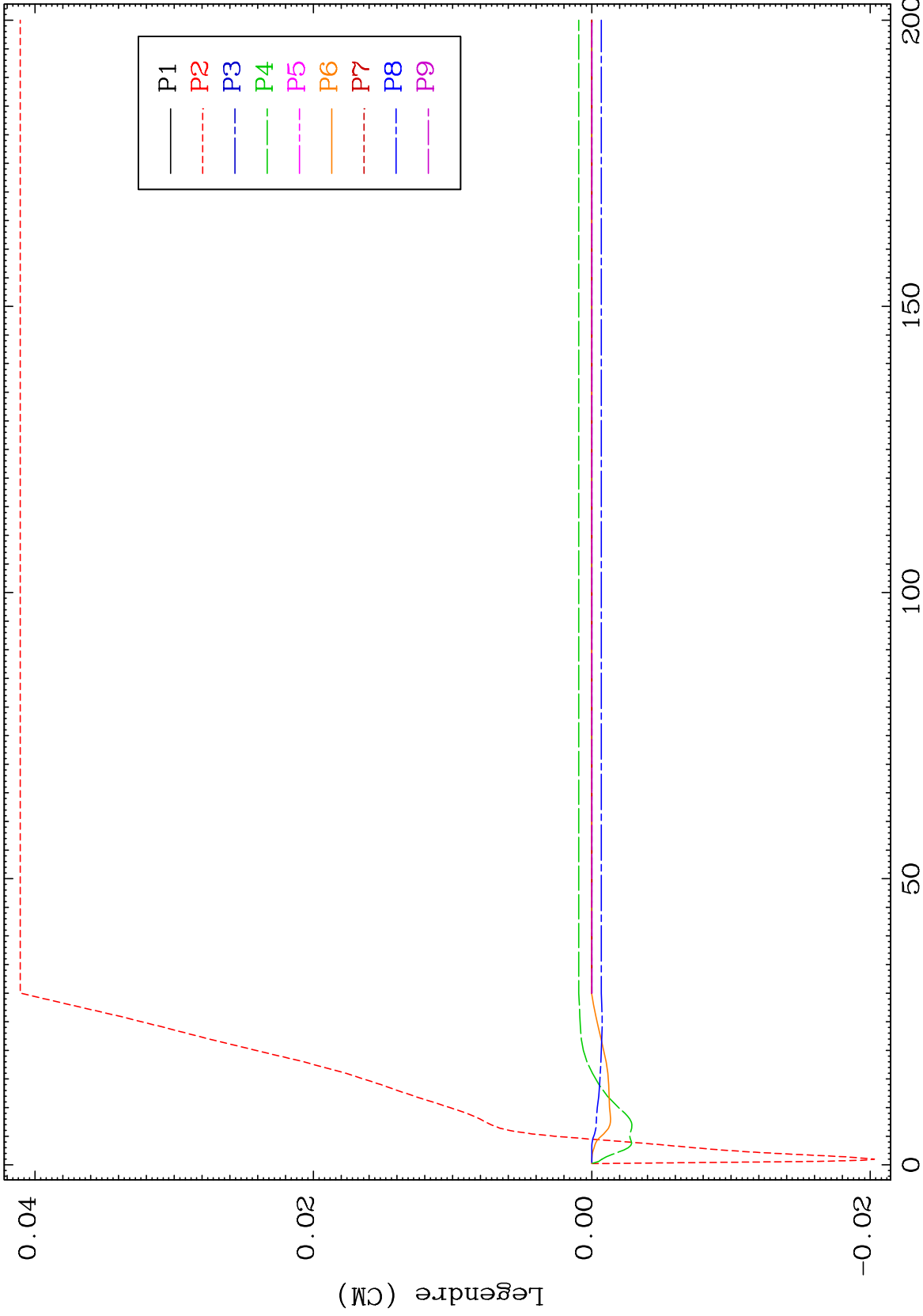
71

71-Lu-172

MAT 7116

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

71-Lu-172



72

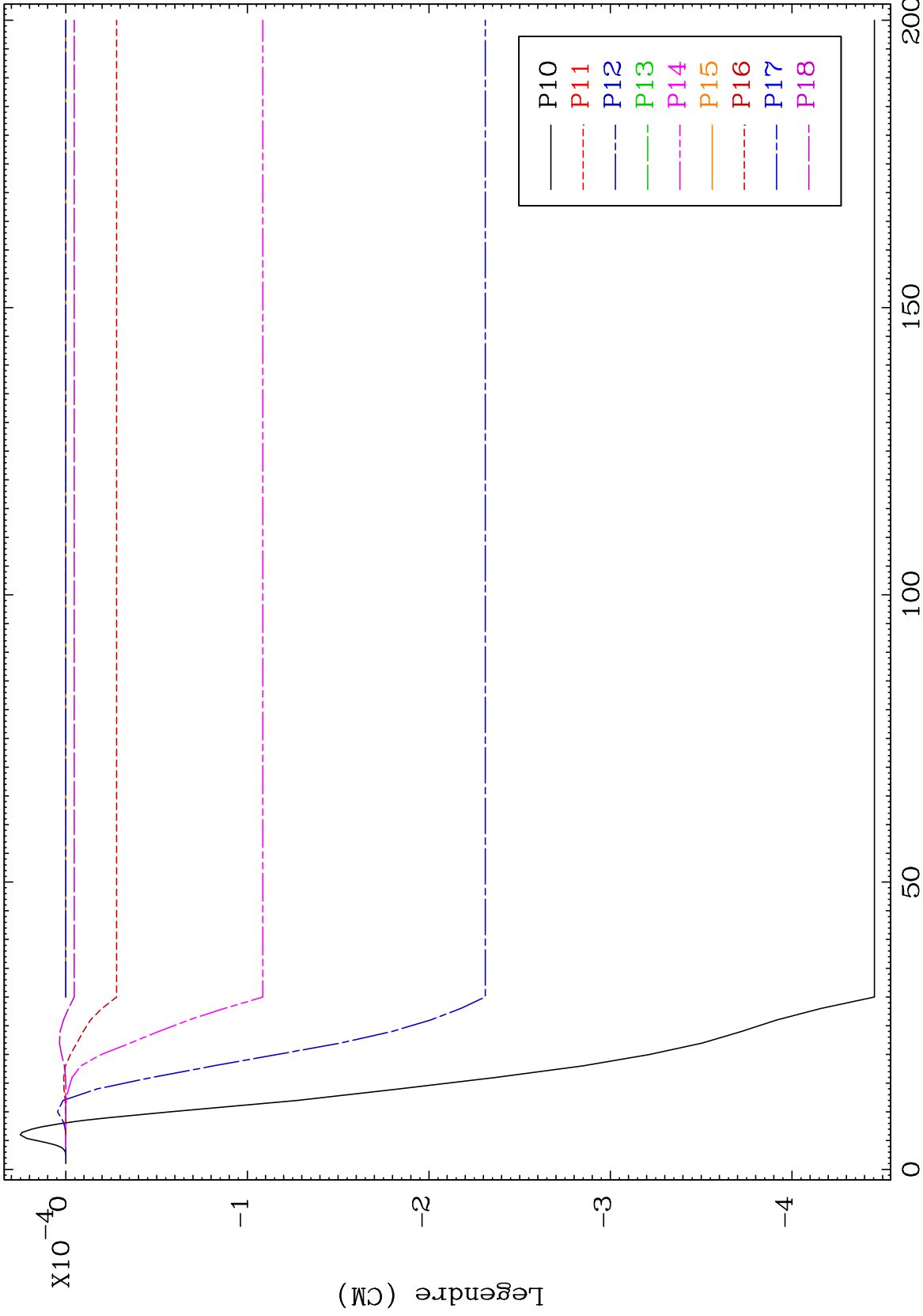
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



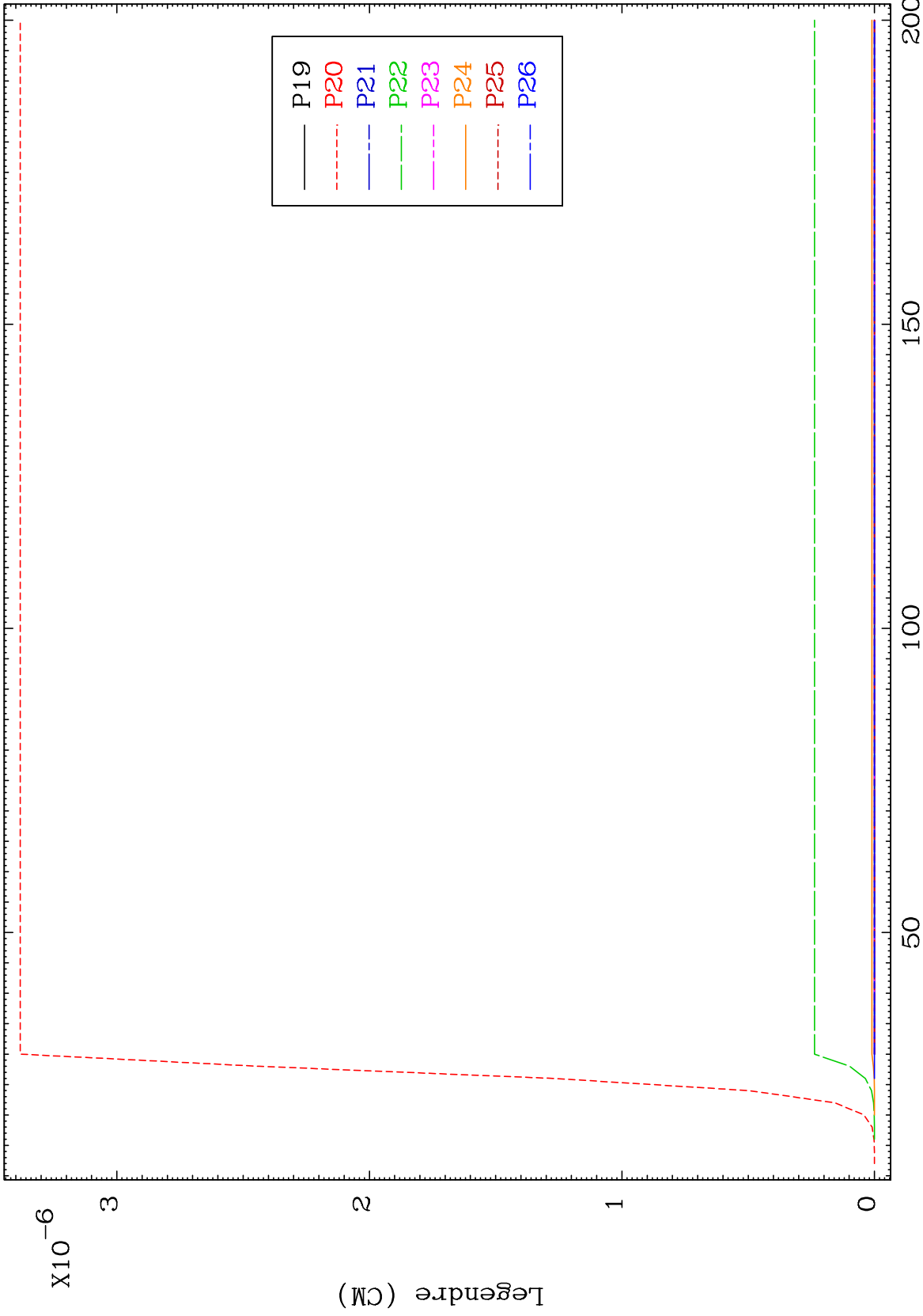
73

71-Lu-172

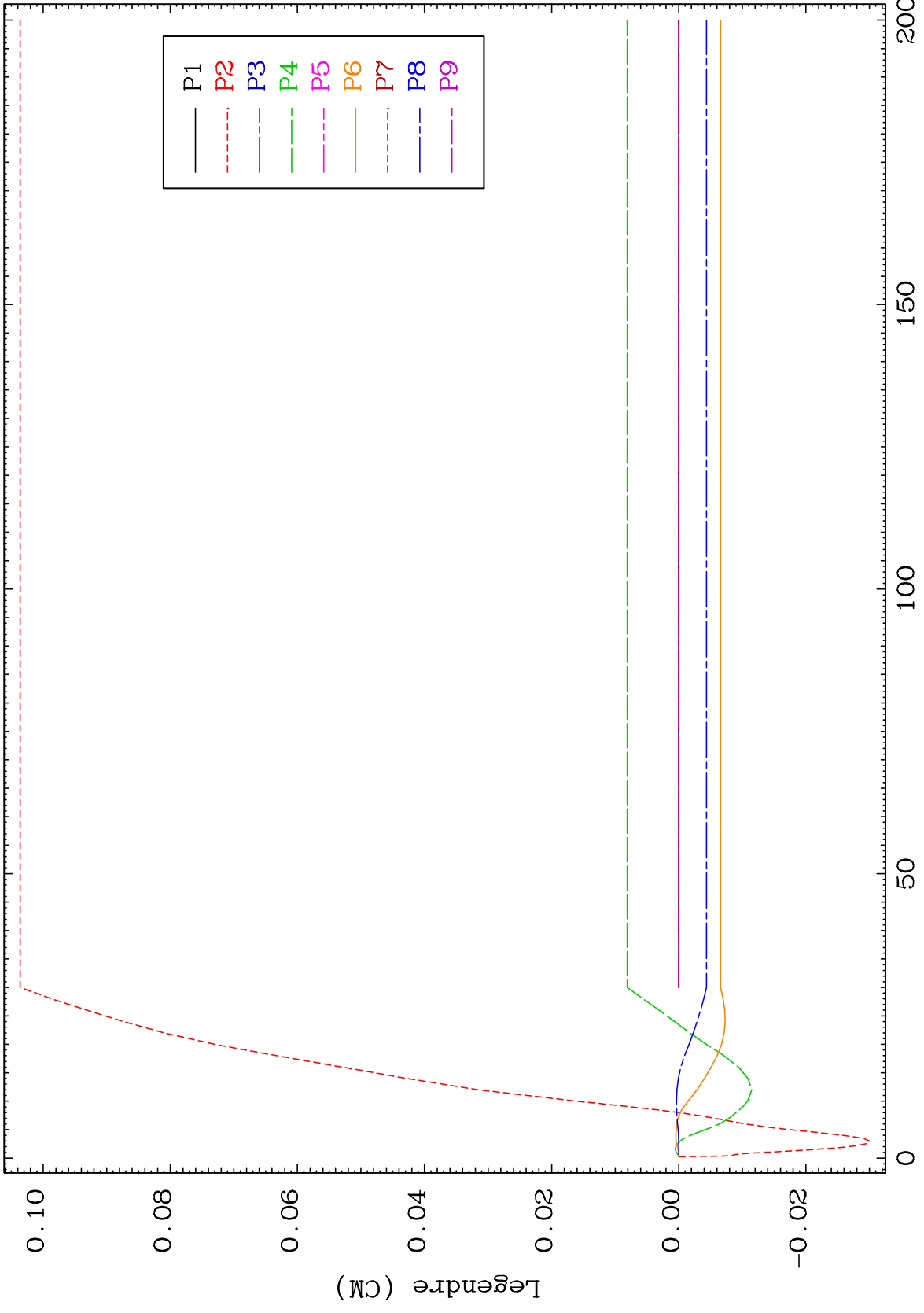
MAT 7116

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

71-Lu-172



MAT 7116 MT= 67 (n,n') Level Legendre Coefficients 71-Lu-172

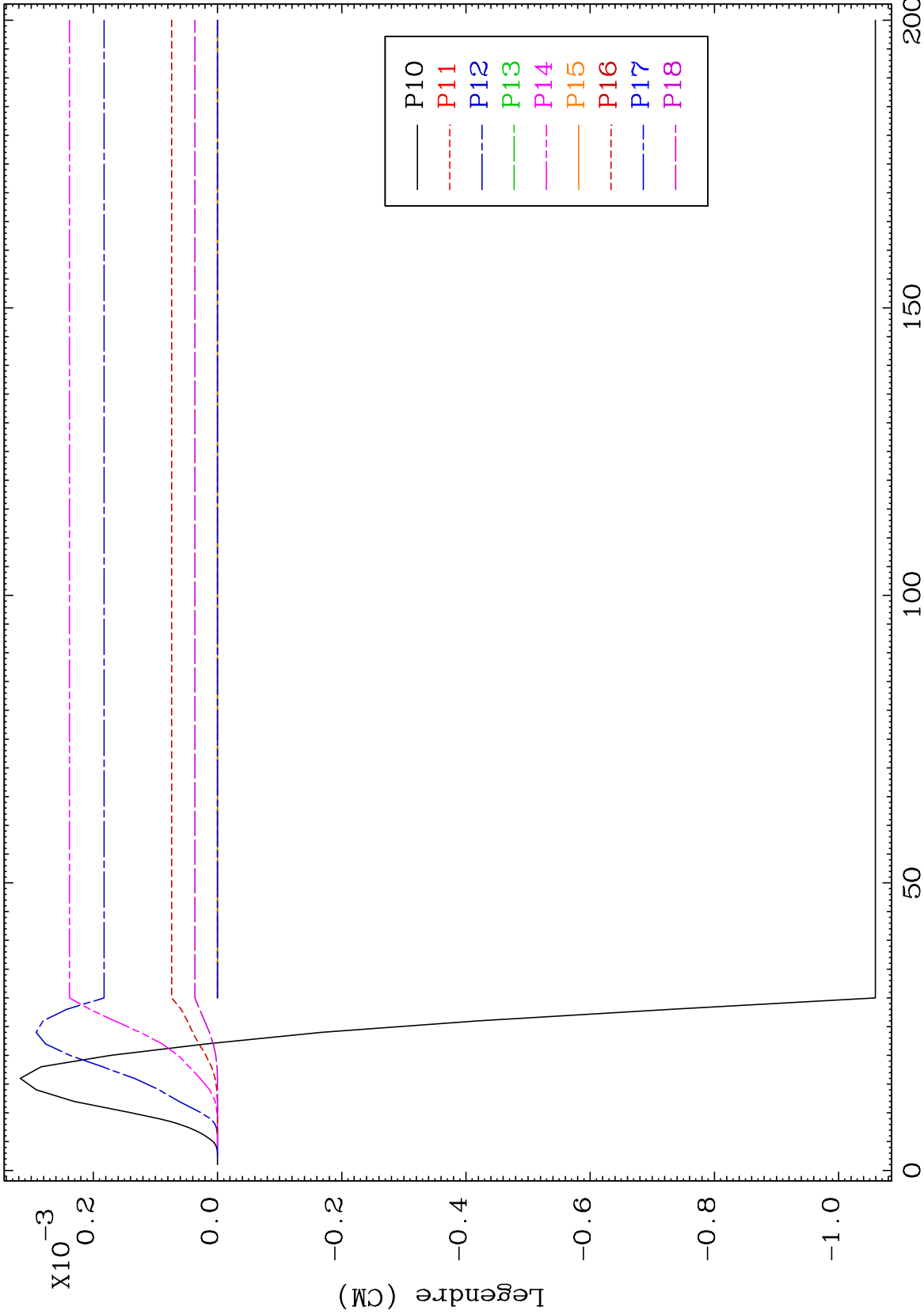


75 Incident Energy (MeV) 71-Lu-172

MAT 7116

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

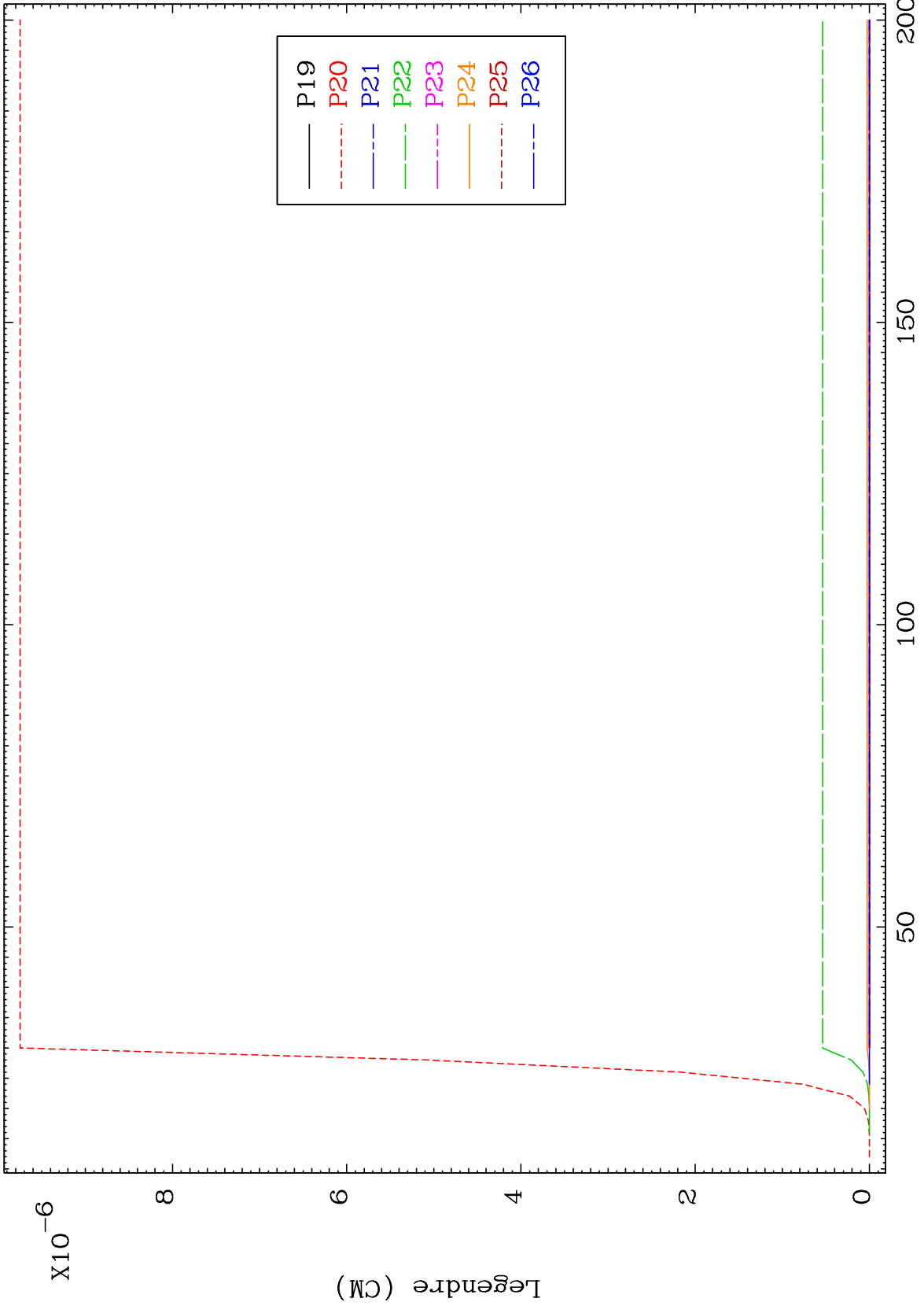
71-Lu-172



76

71-Lu-172

MAT 7116 MT= 67 (n,n') Level Legendre Coefficients 71-Lu-172

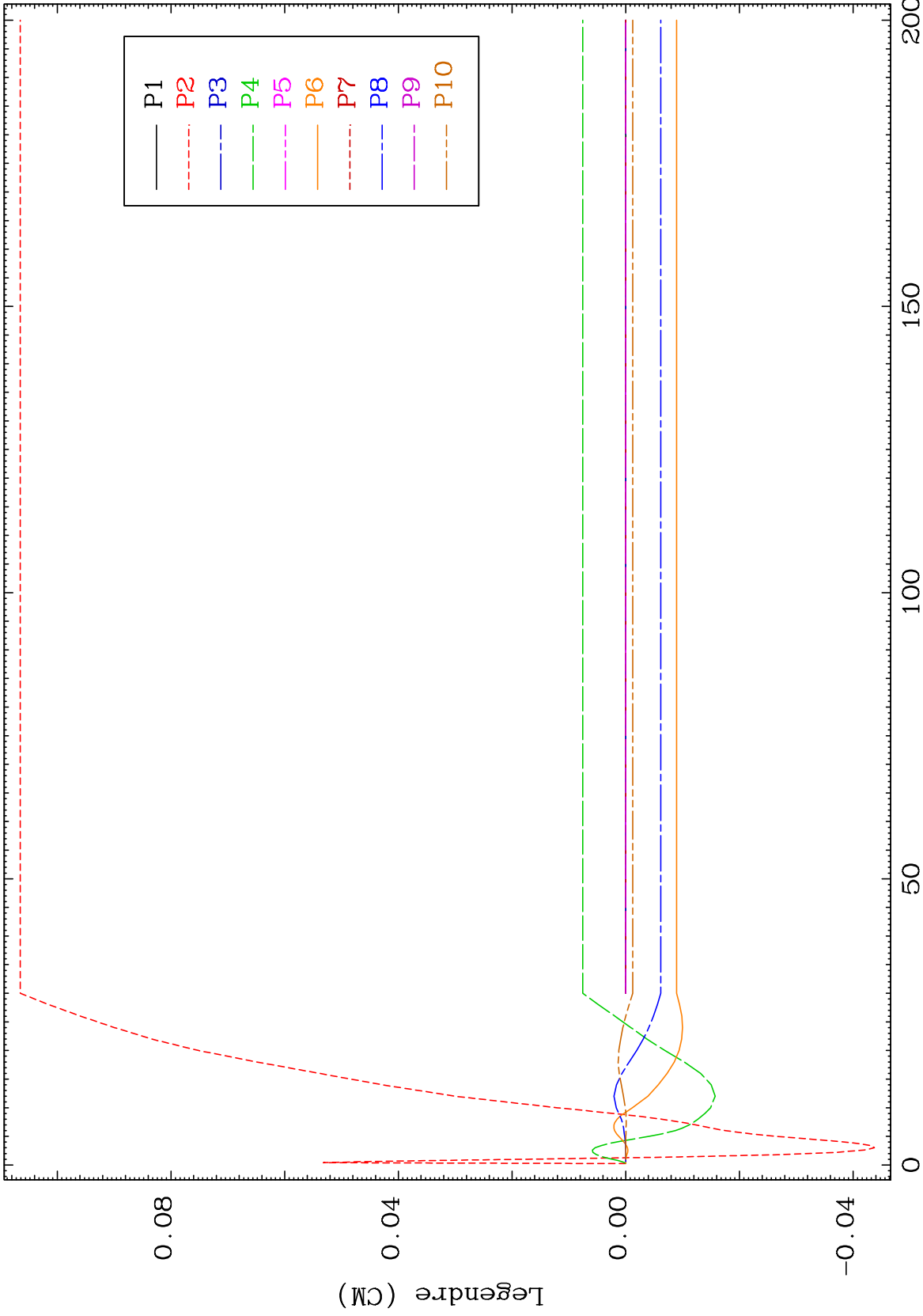


77 71-Lu-172

MAT 7116

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

71-Lu-172

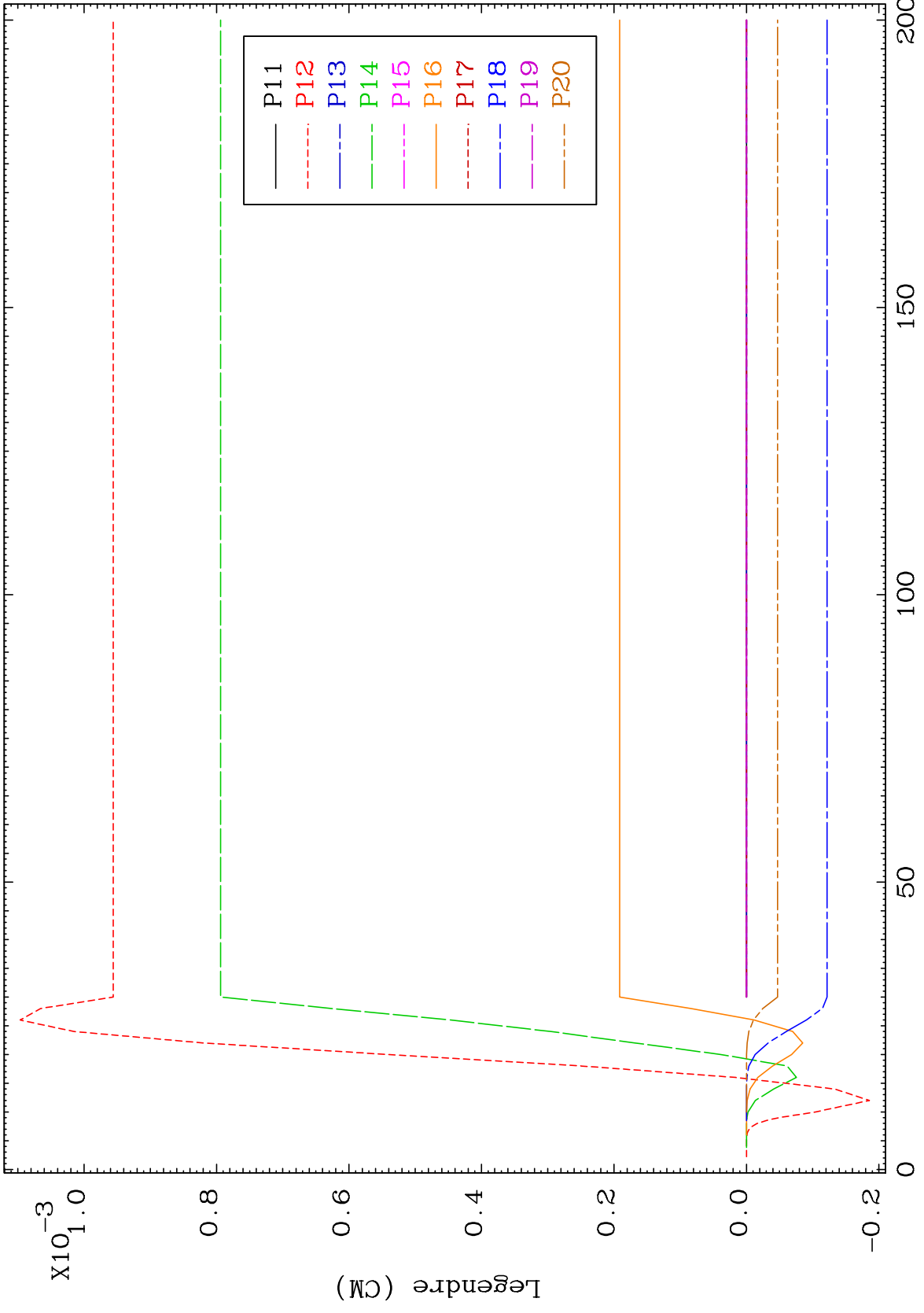


78

Incident Energy (MeV)

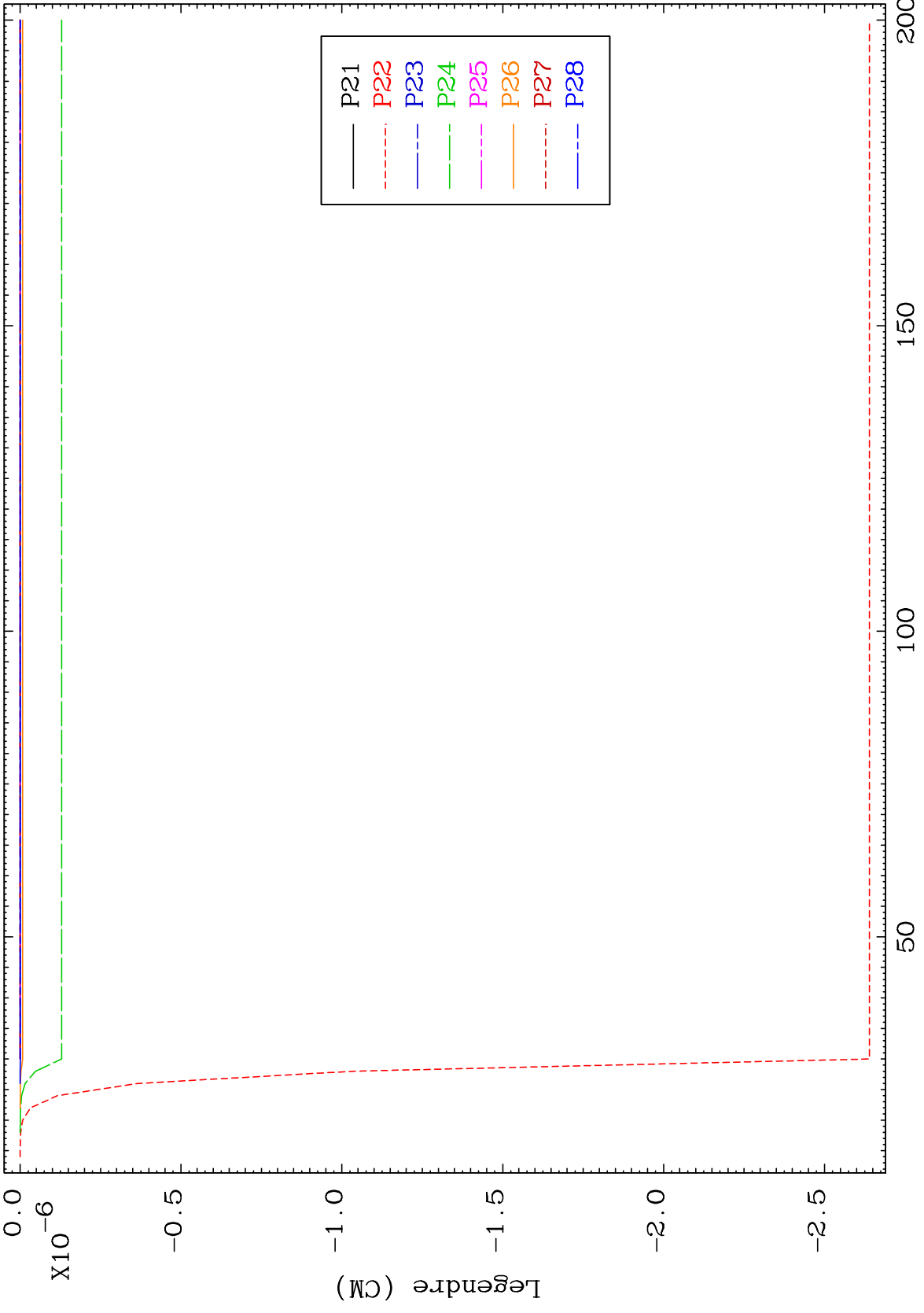
71-Lu-172

MAT 7116 MT= 68 (n,n') Level Legendre Coefficients 71-Lu-172



79 71-Lu-172

MAT 7116 MT= 68 (n, n') Level Legendre Coefficients 71-Lu-172

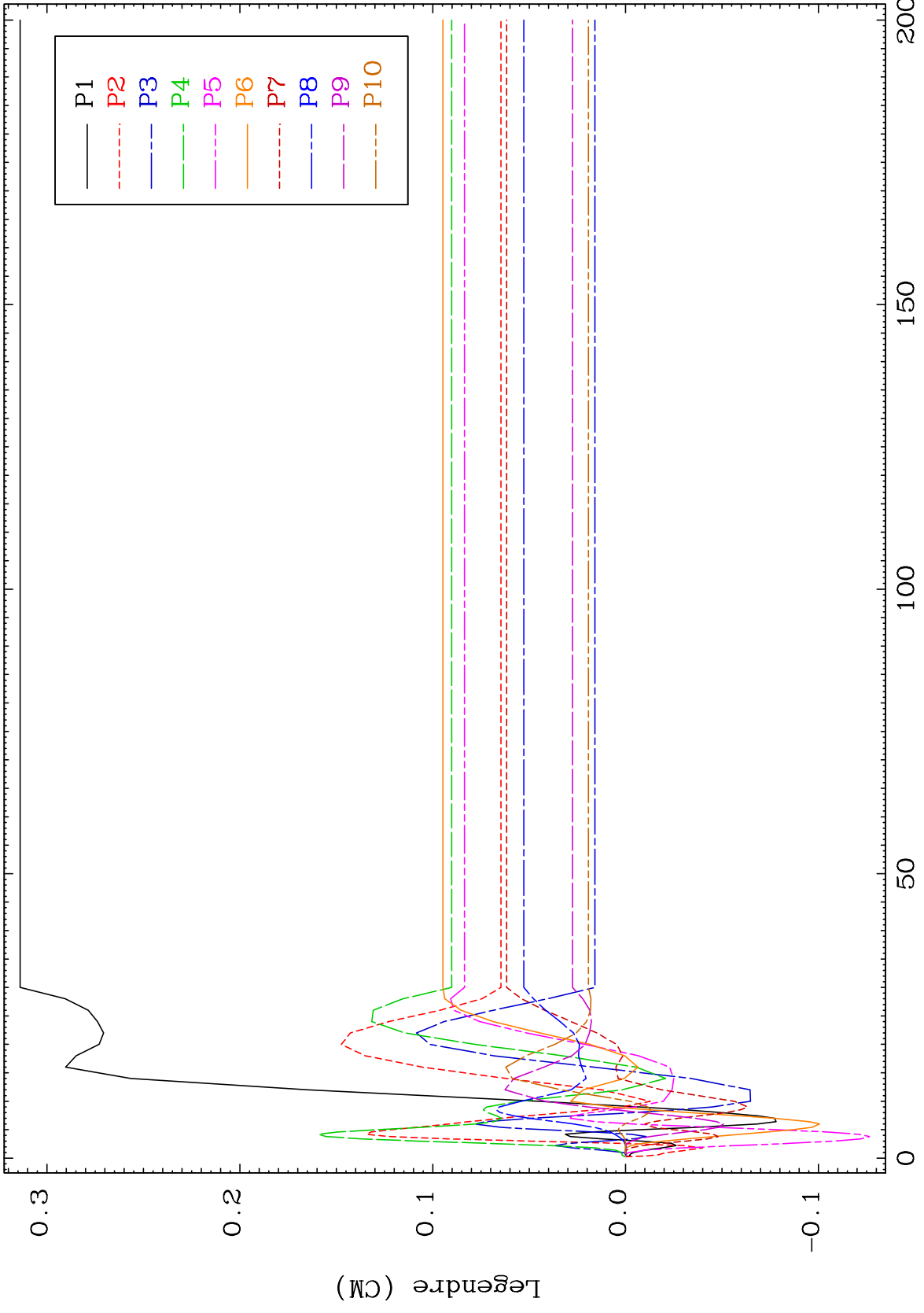


80 Incident Energy (MeV) 71-Lu-172

MAT 7116

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

71-Lu-172



81

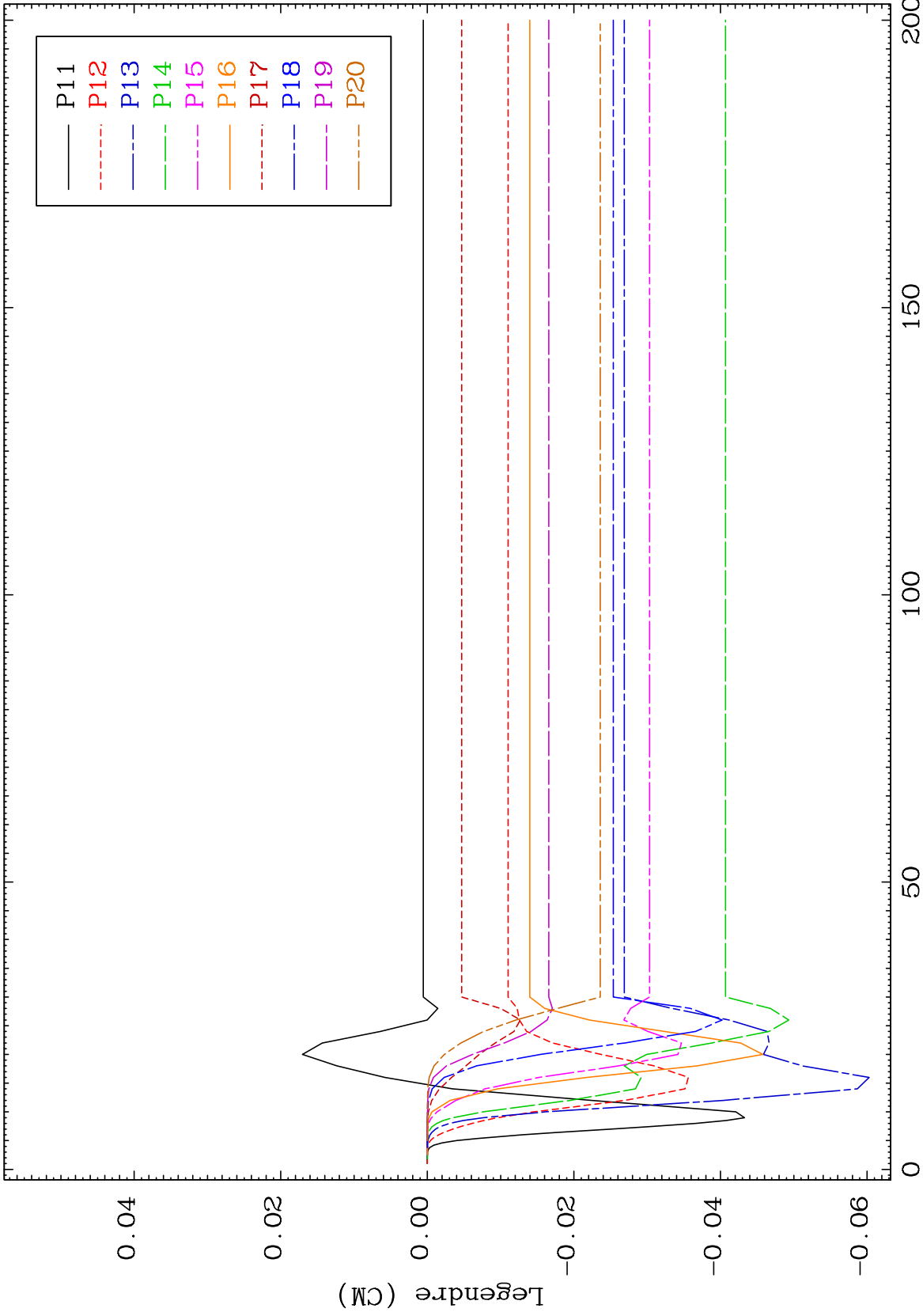
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

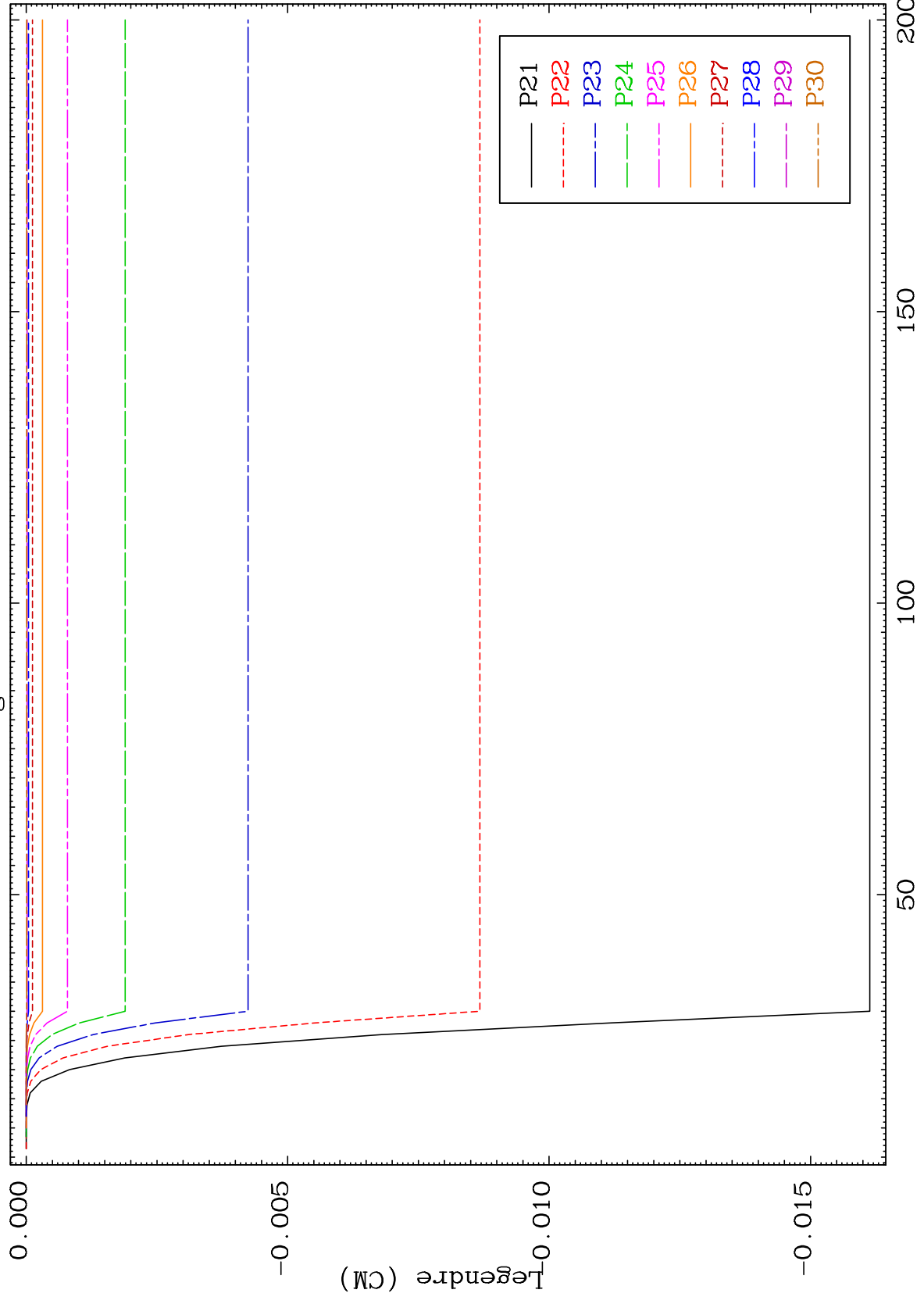
71-Lu-172



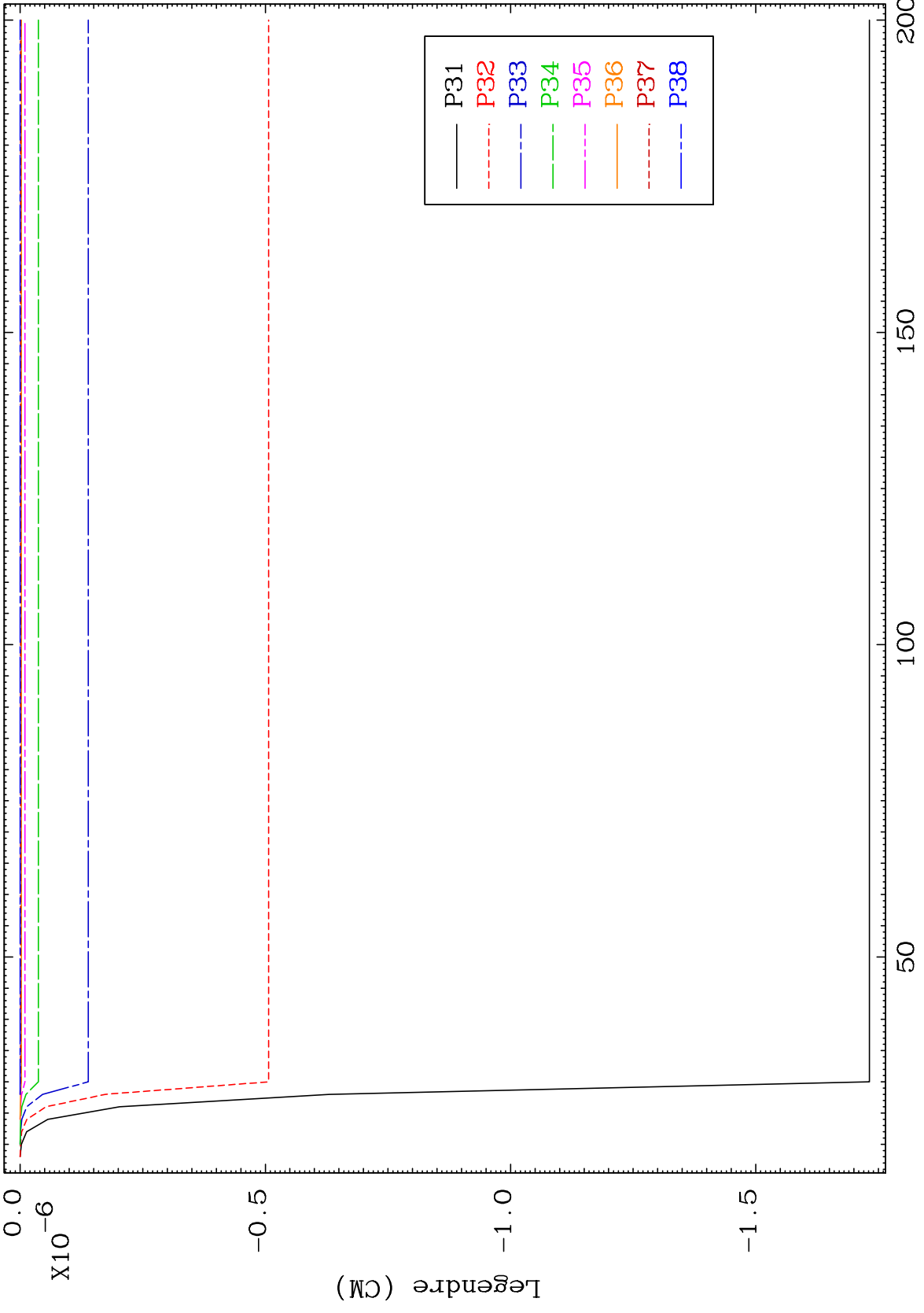
82

Incident Energy (MeV)

71-Lu-172

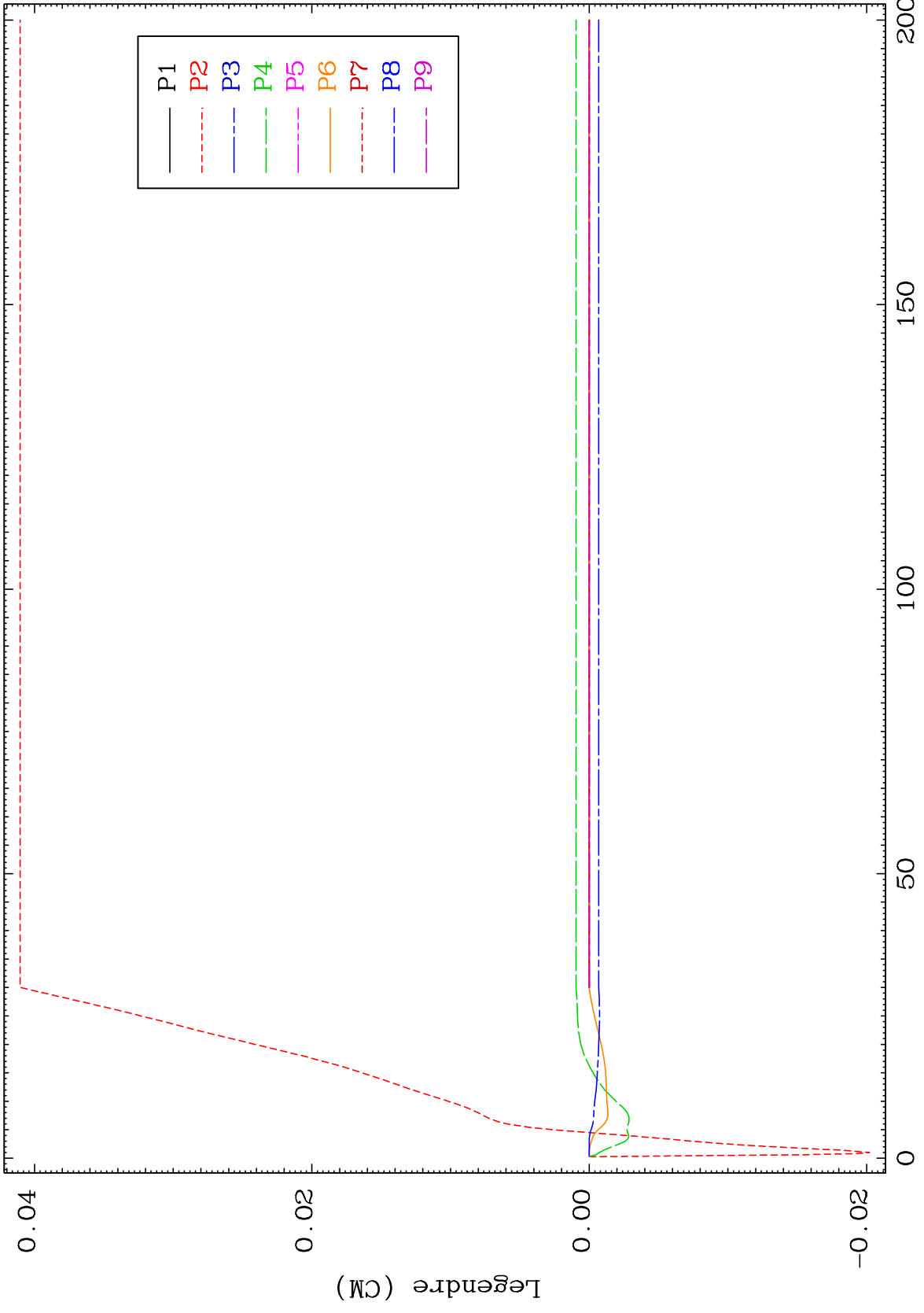


MAT 7116 MT= 69 (n,n') Level Legendre Coefficients 71-Lu-172



84 71-Lu-172

MAT 7116 MT= 70 (n,n') Level Legendre Coefficients 71-Lu-172

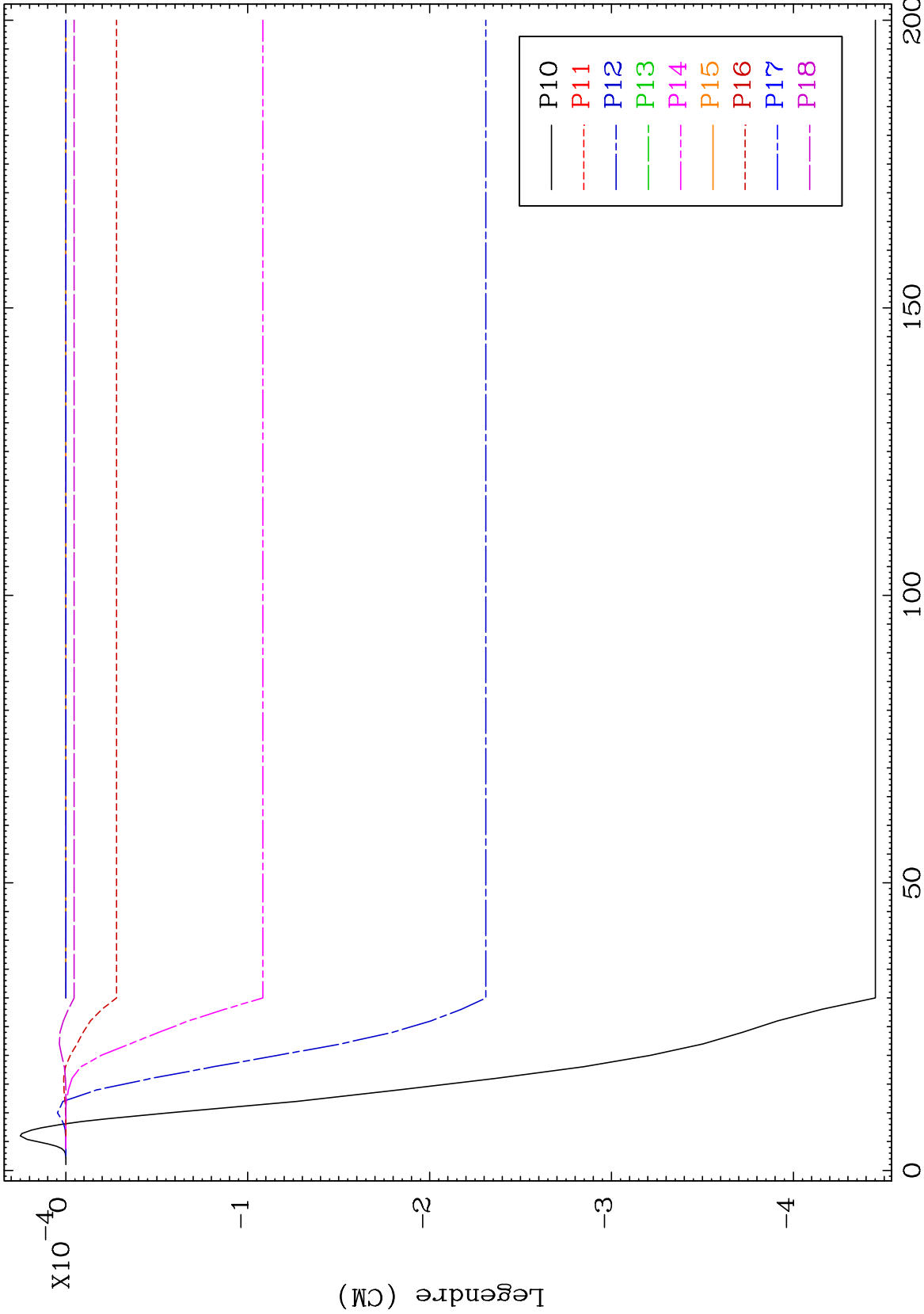


85 Incident Energy (MeV) 71-Lu-172

MAT 7116

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

71-Lu-172

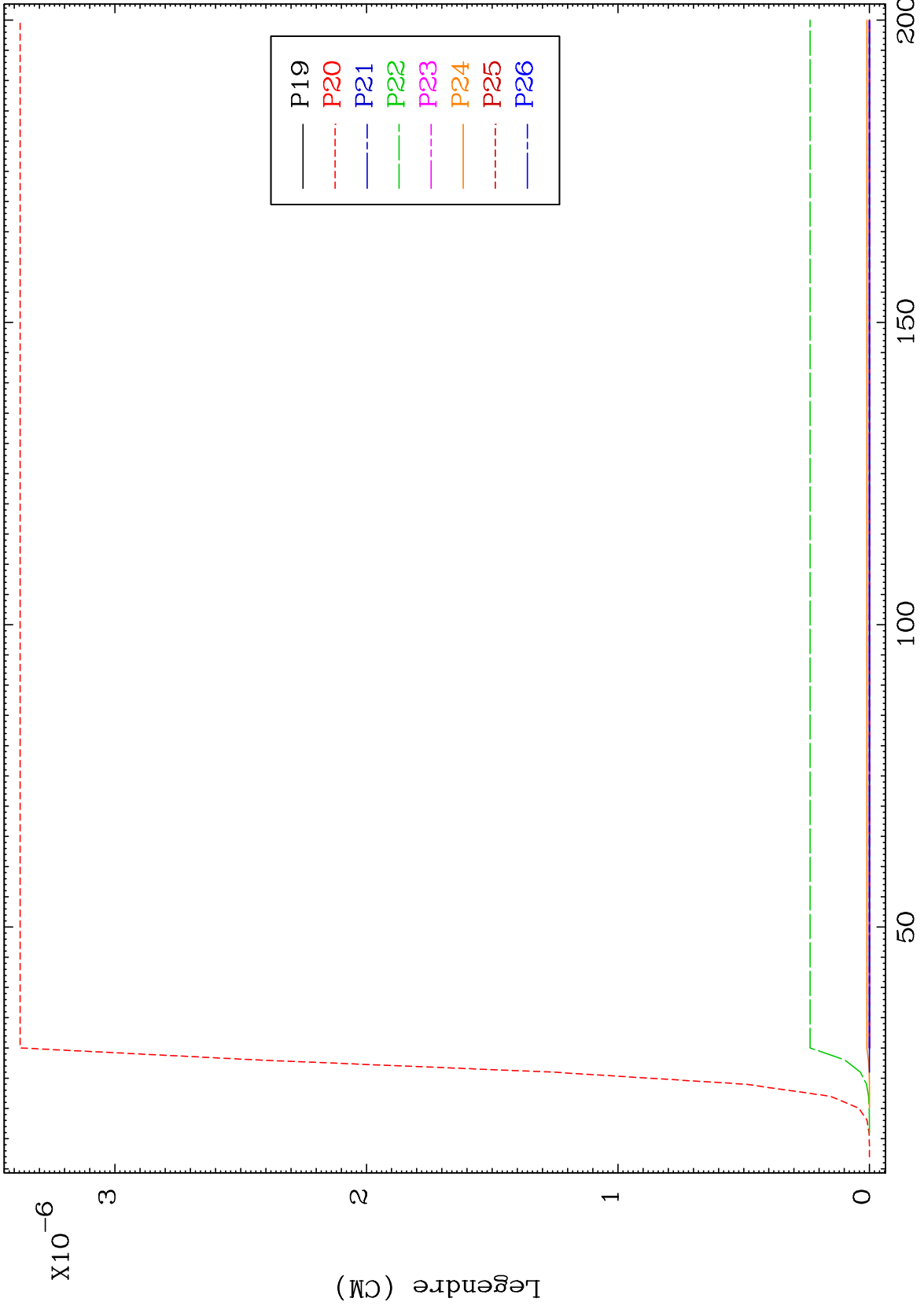


86

Incident Energy (MeV)

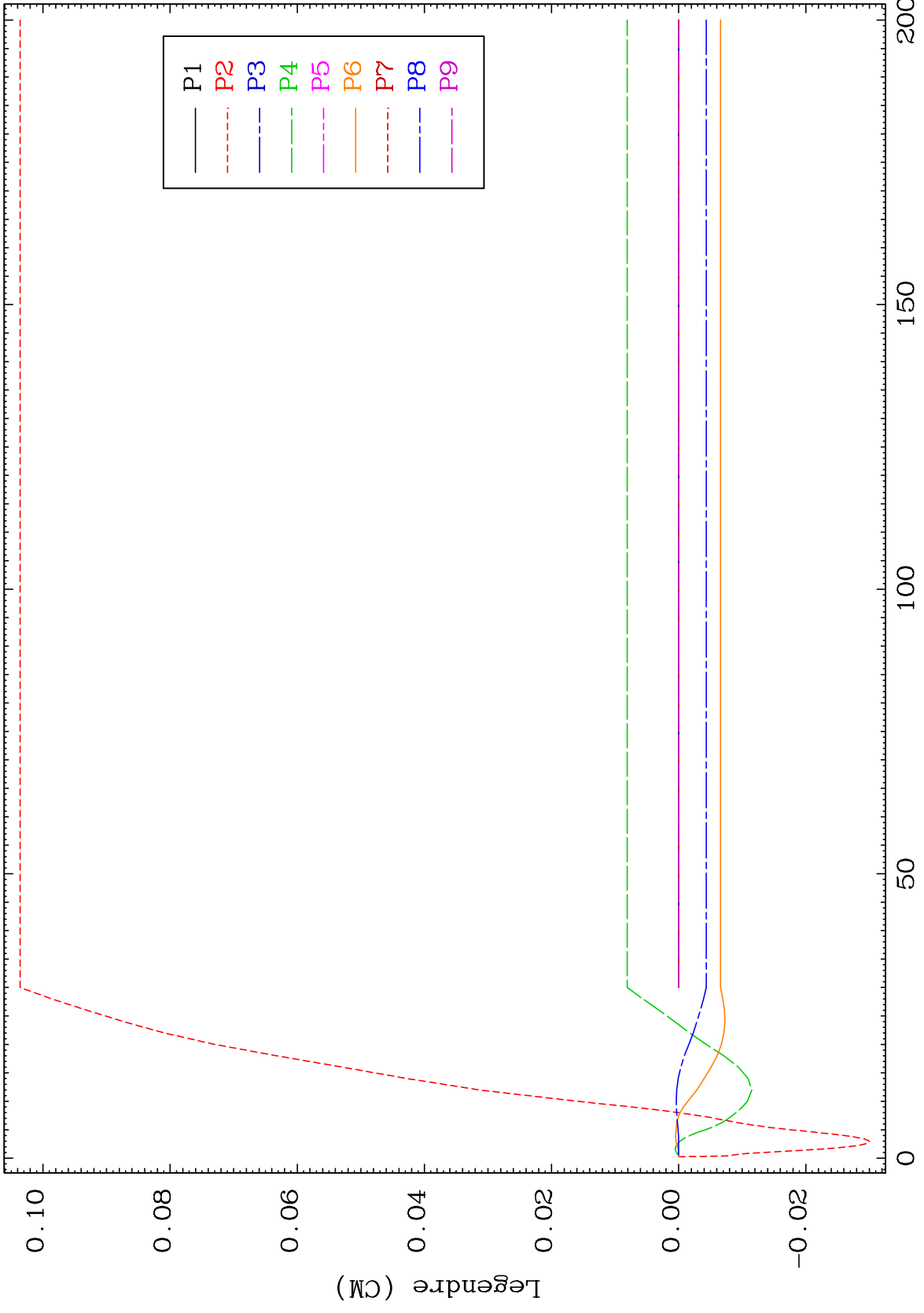
71-Lu-172

MAT 7116 MT= 70 (n,n') Level Legendre Coefficients 71-Lu-172



87 Incident Energy (MeV) 71-Lu-172

MAT 7116 MT= 71 (n,n') Level Legendre Coefficients 71-Lu-172

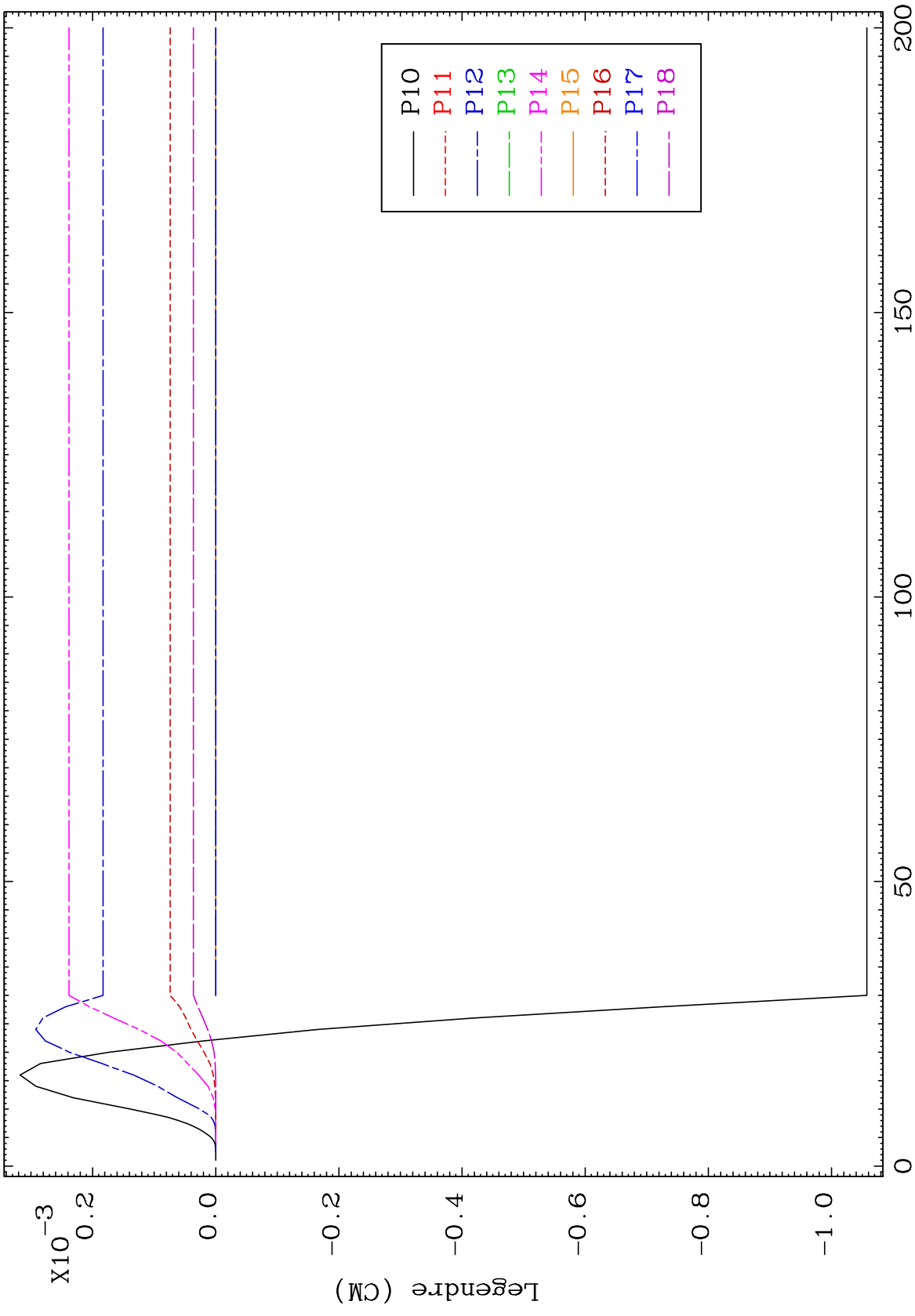


88 71-Lu-172

MAT 7116

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

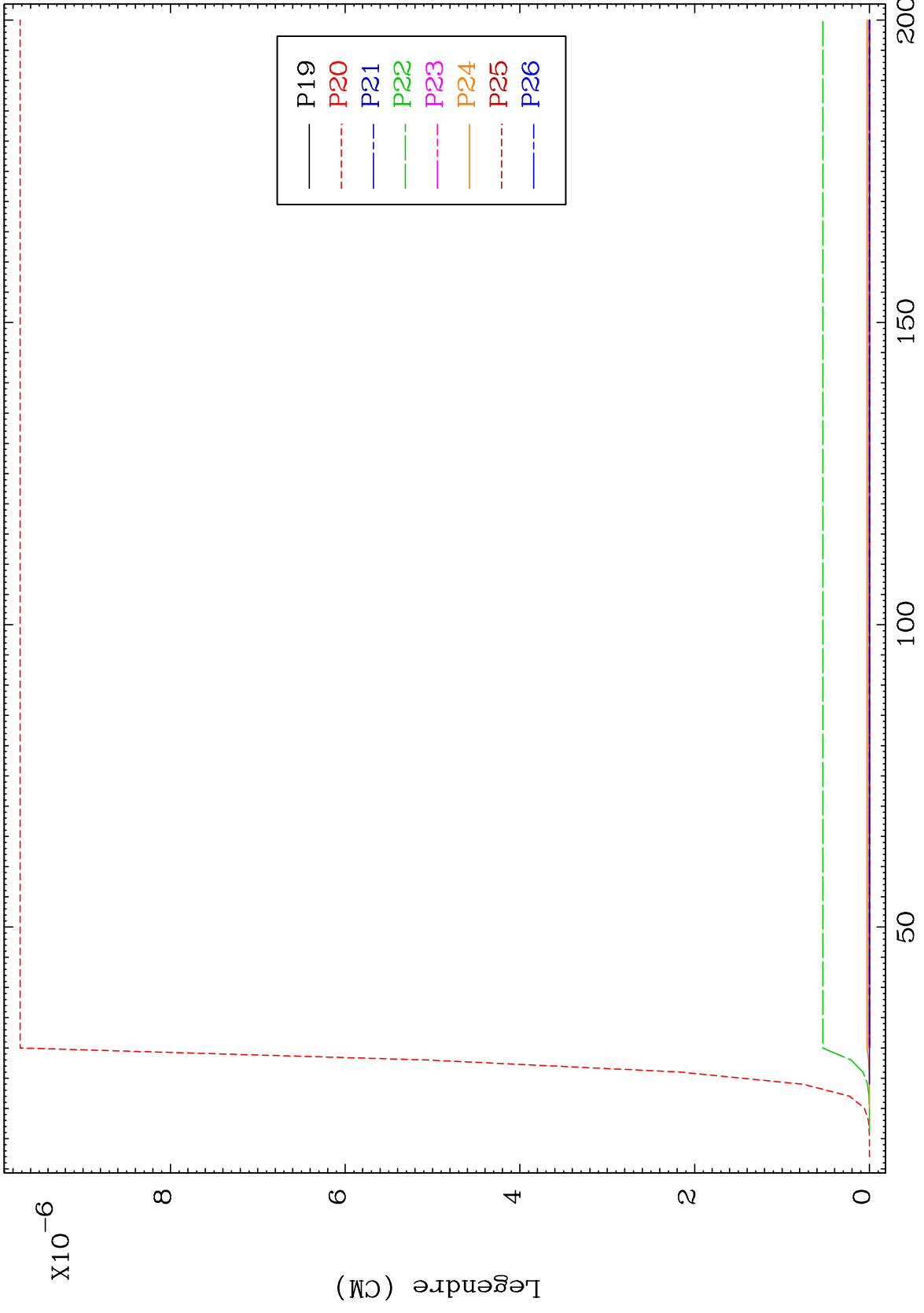
71-Lu-172



89

71-Lu-172

MAT 7116 MT= 71 (n,n') Level Legendre Coefficients 71-Lu-172

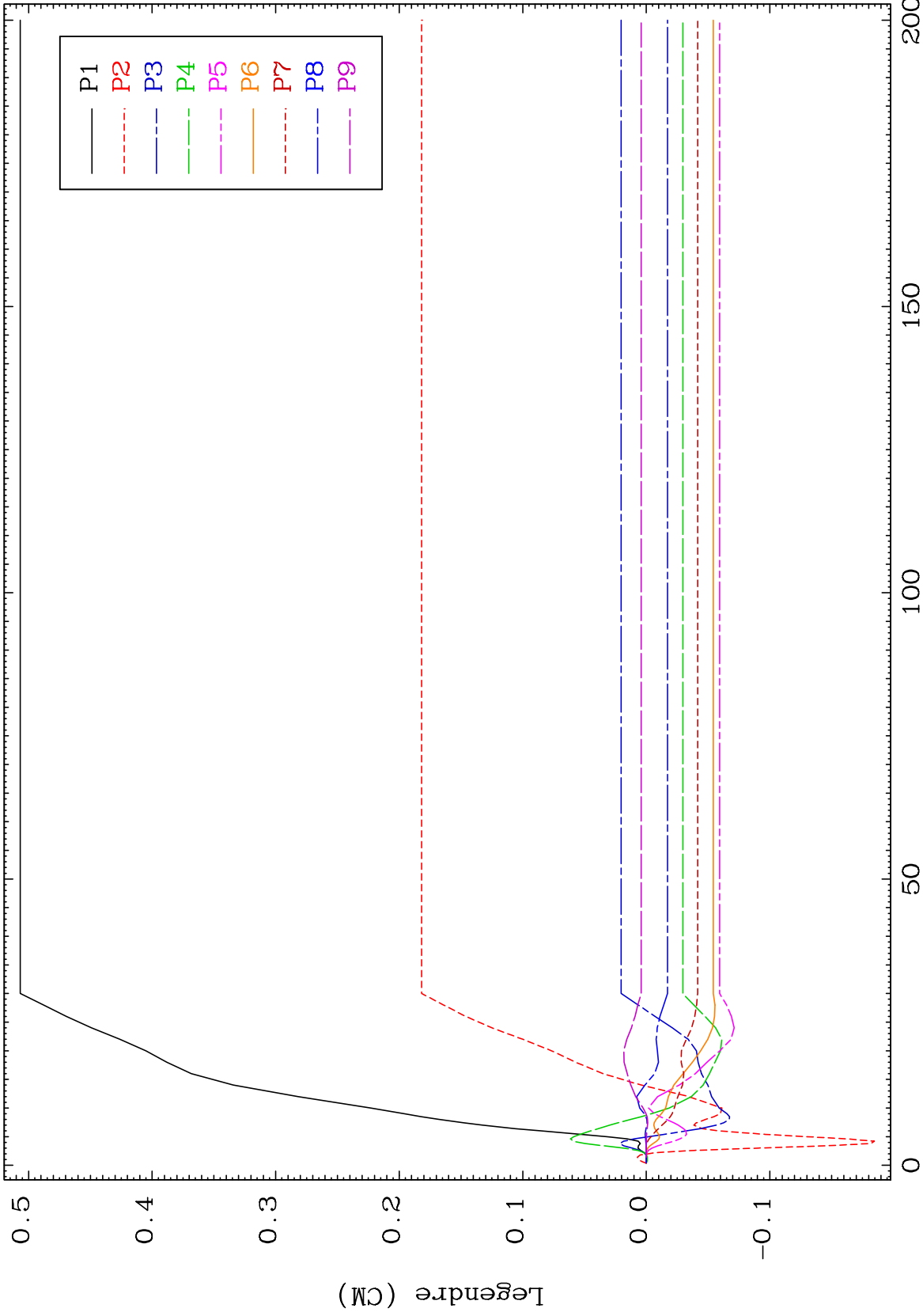


71-Lu-172

MAT 7116

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

71-Lu-172



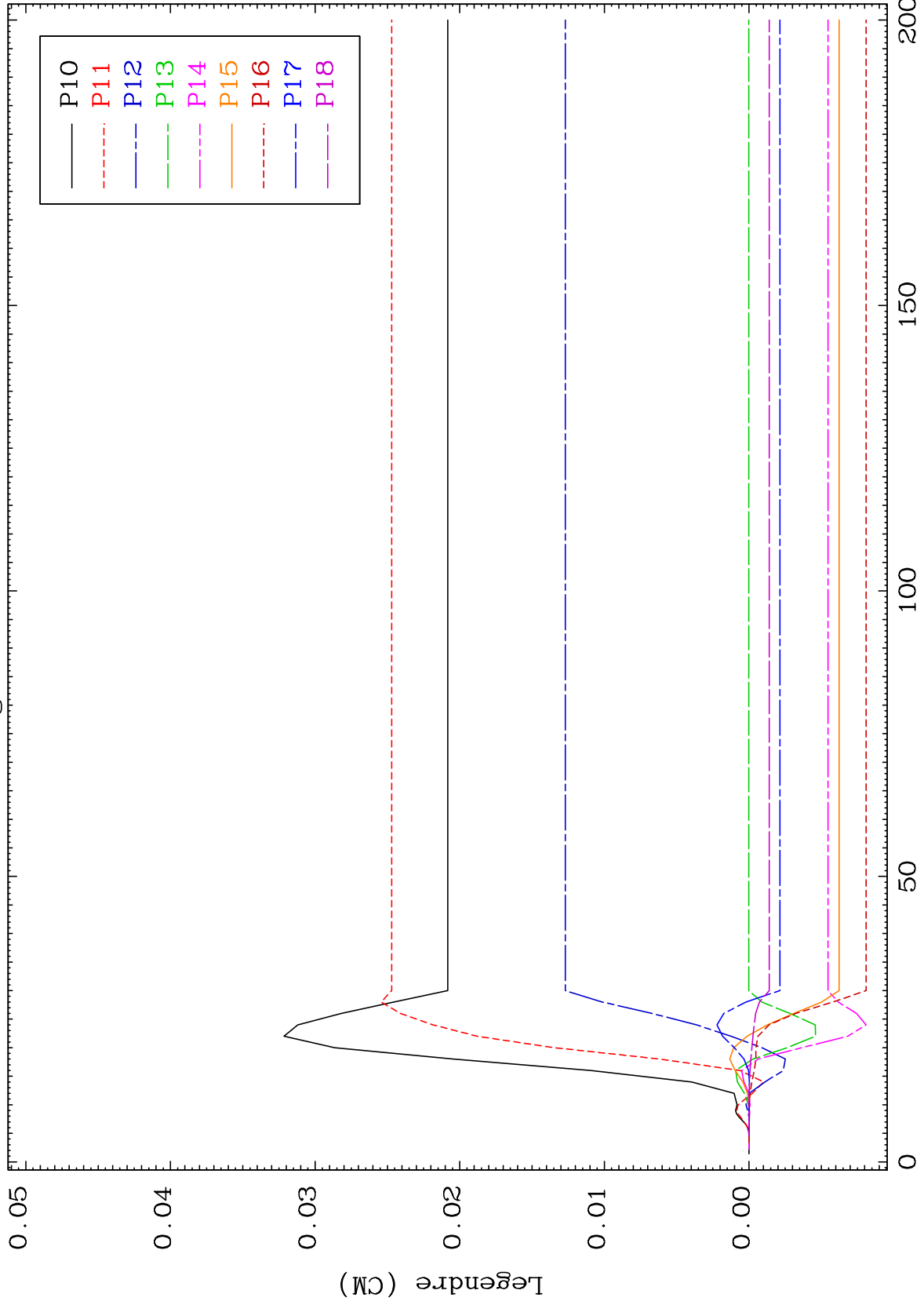
91

71-Lu-172

MAT 7116

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

71-Lu-172



92

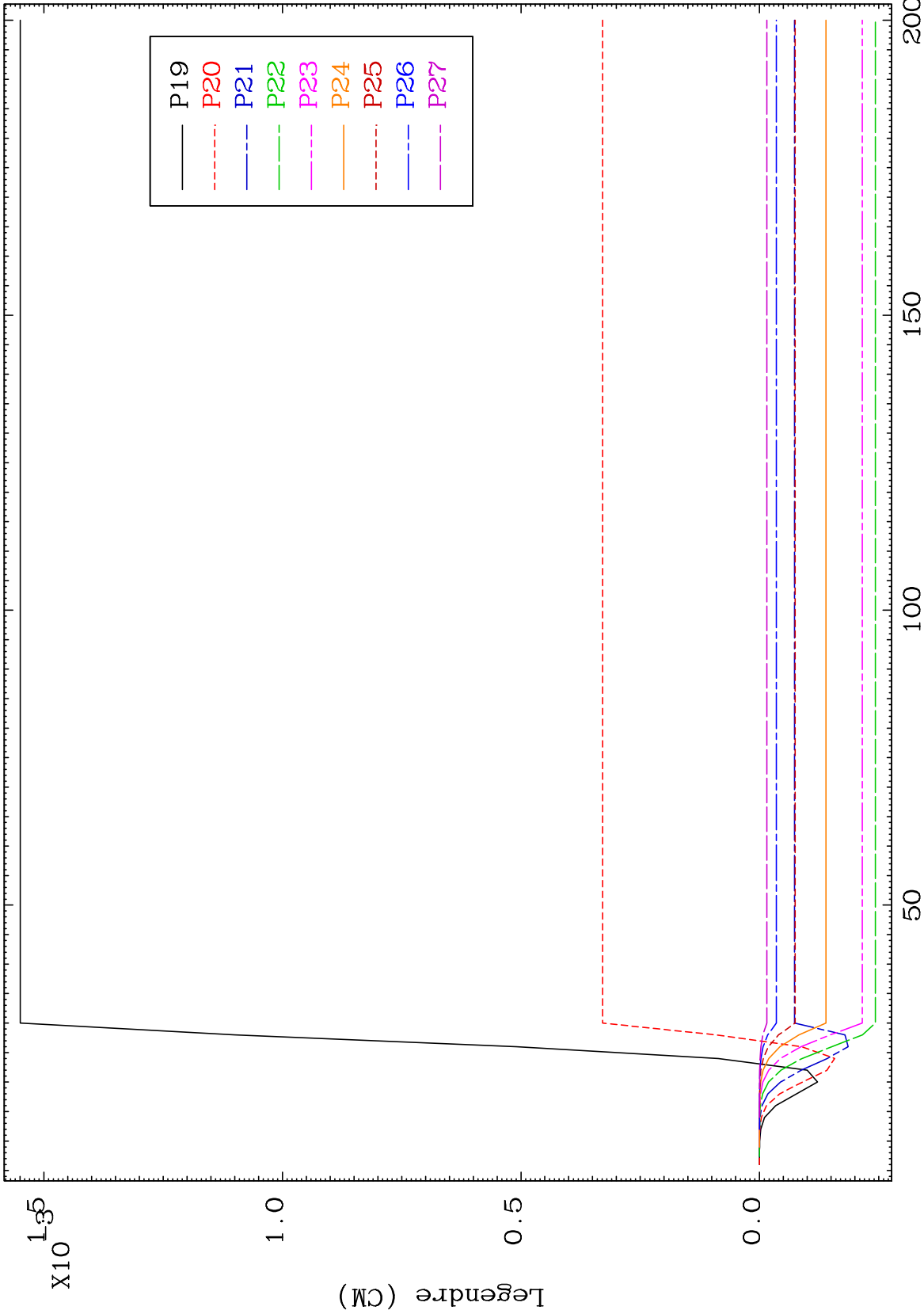
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



93

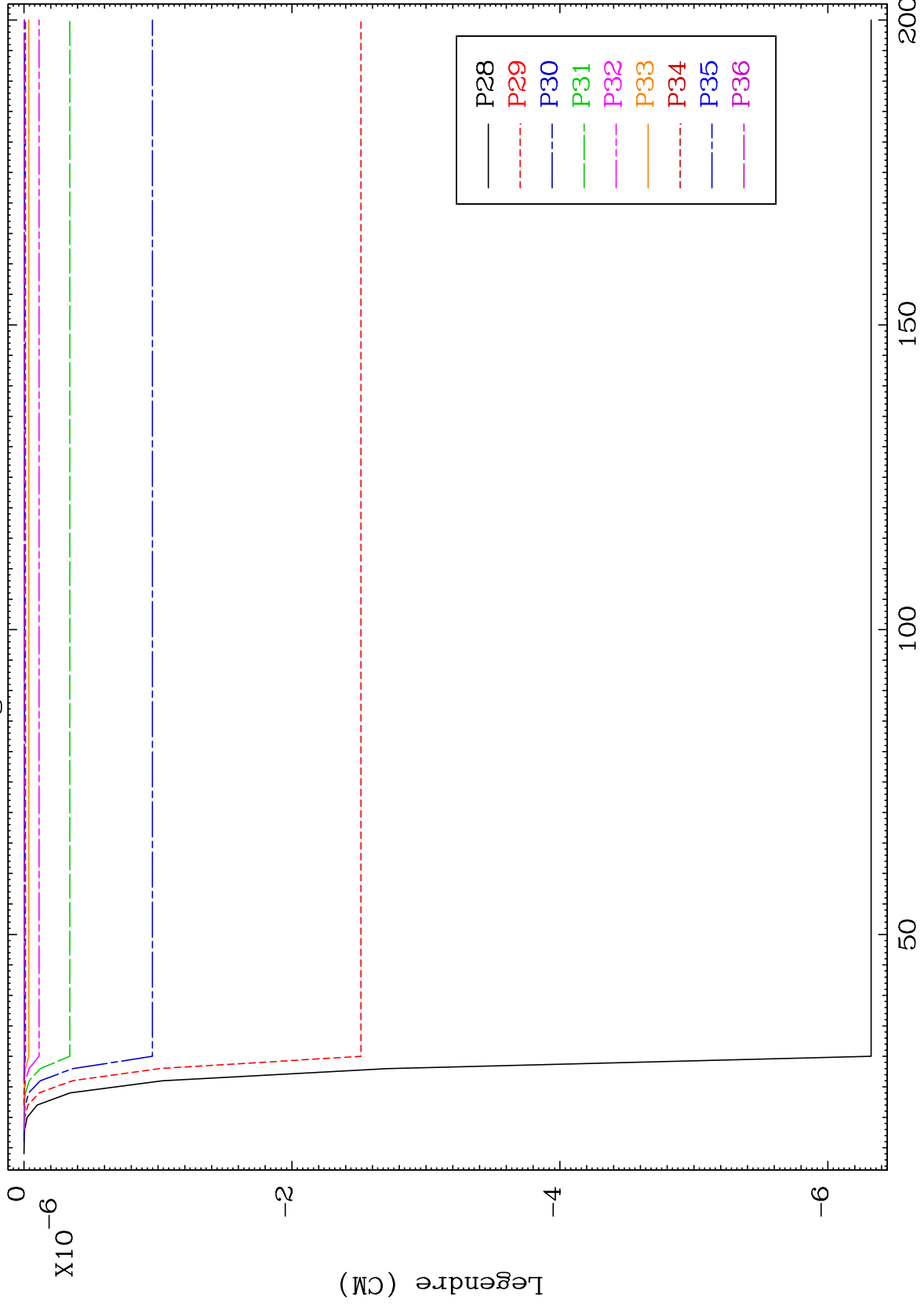
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



94

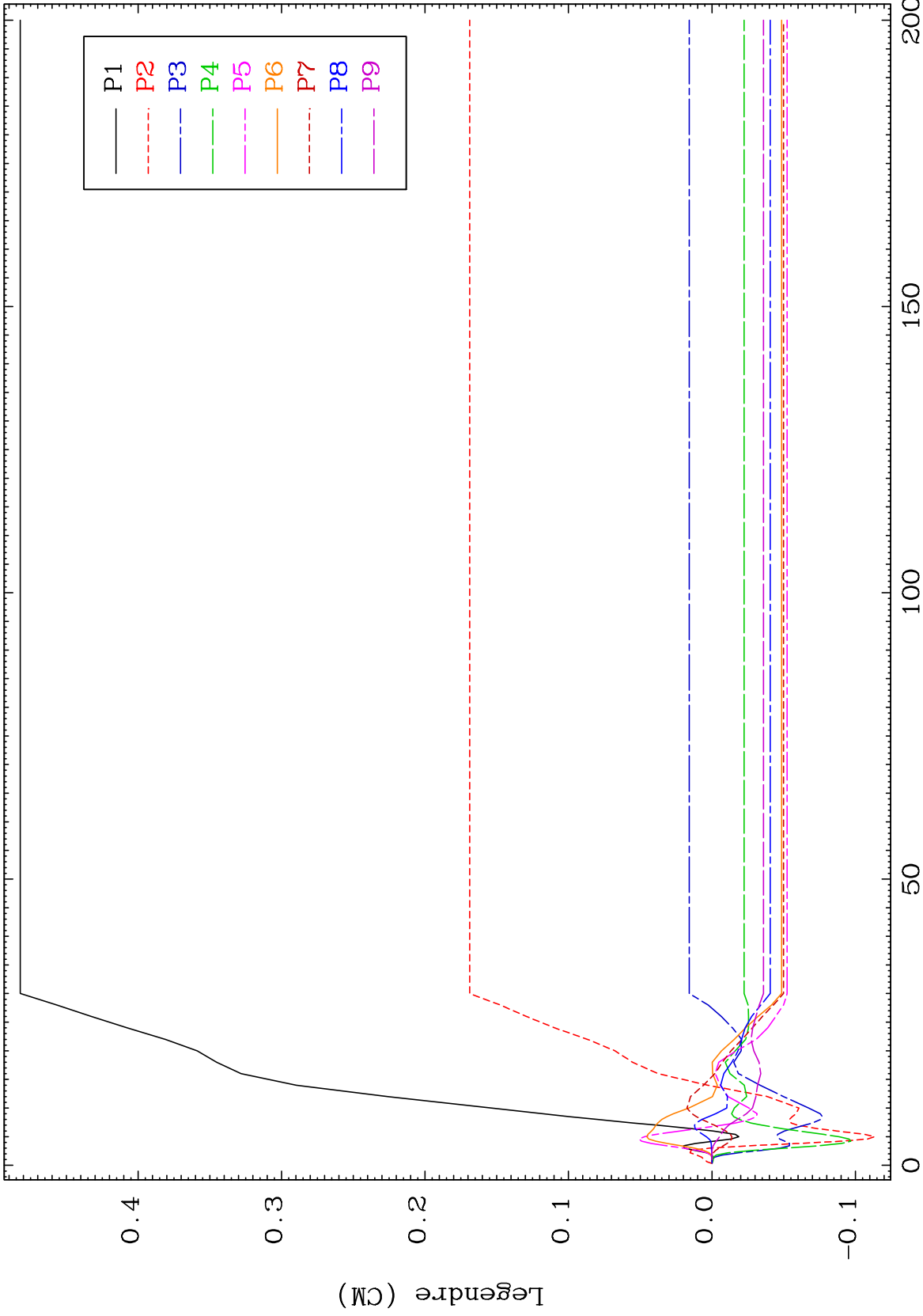
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



95

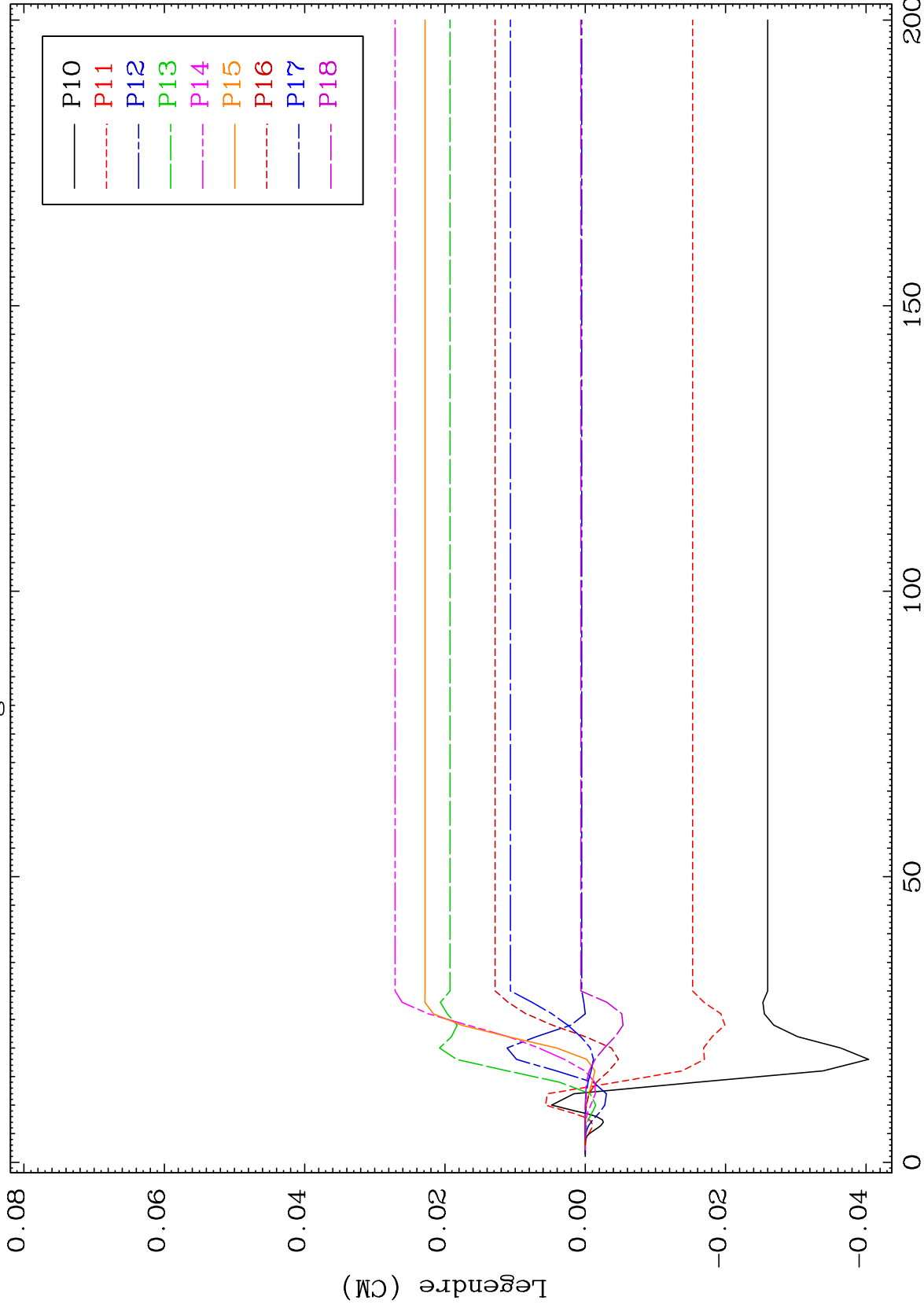
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



96

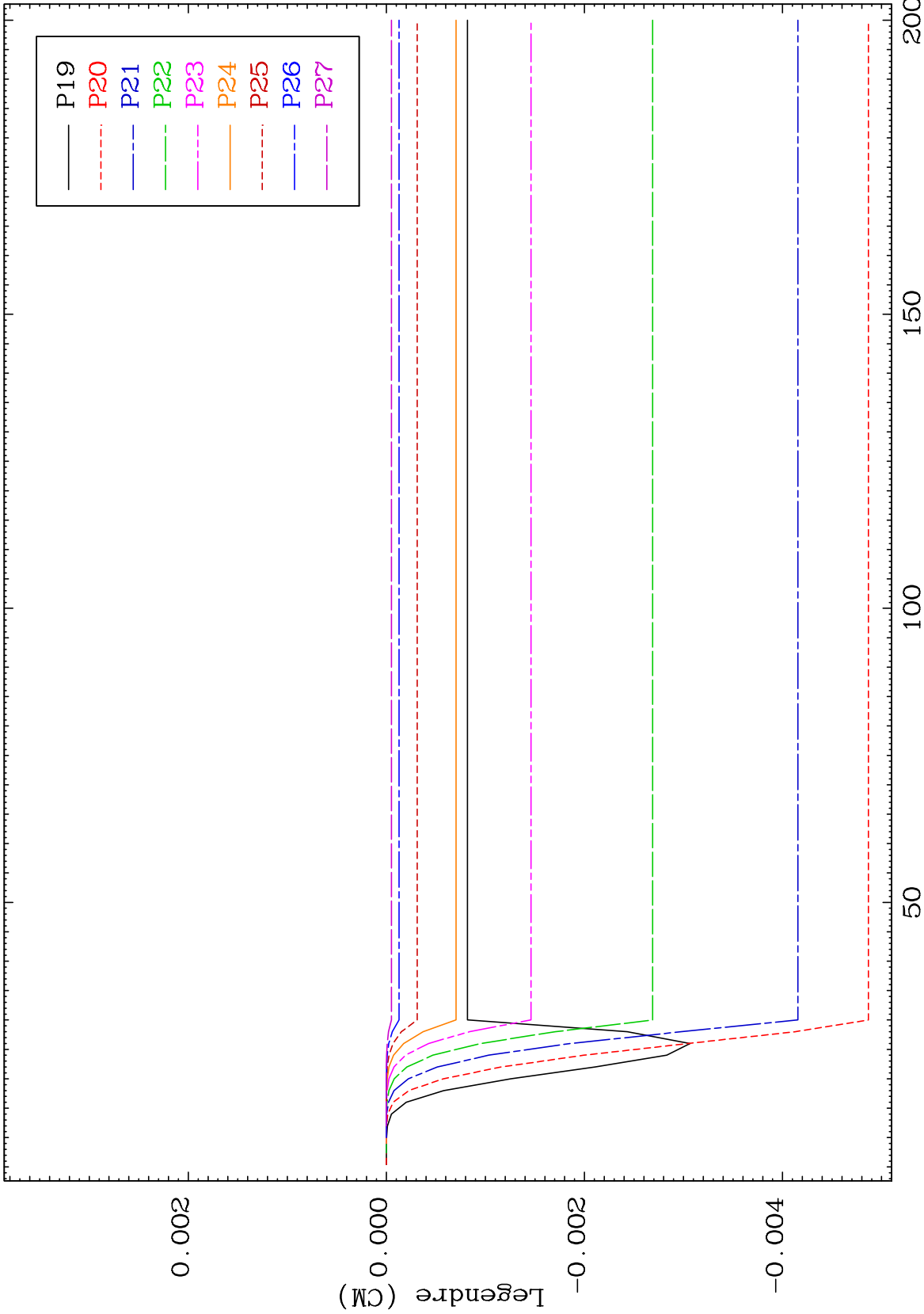
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



97

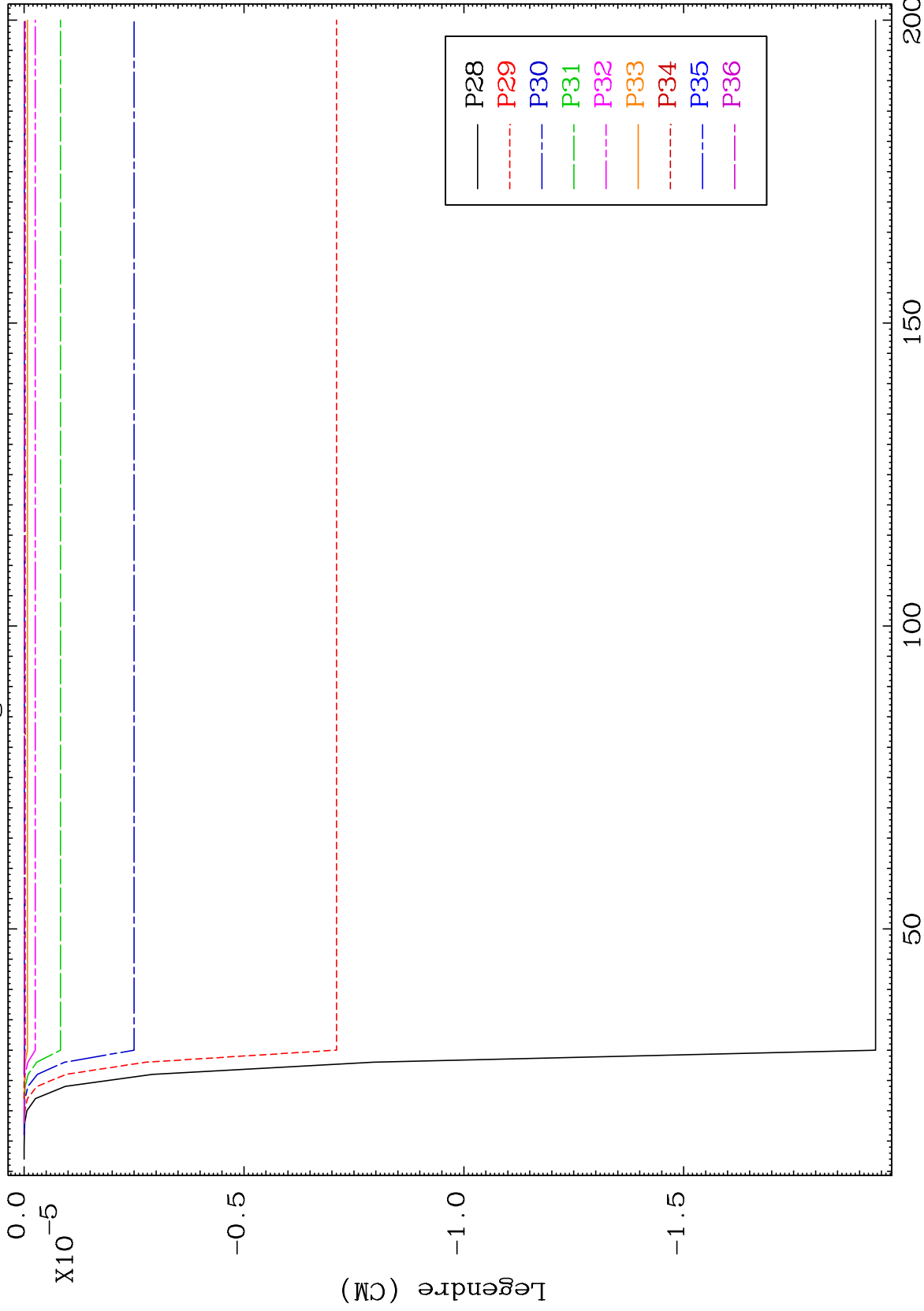
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172

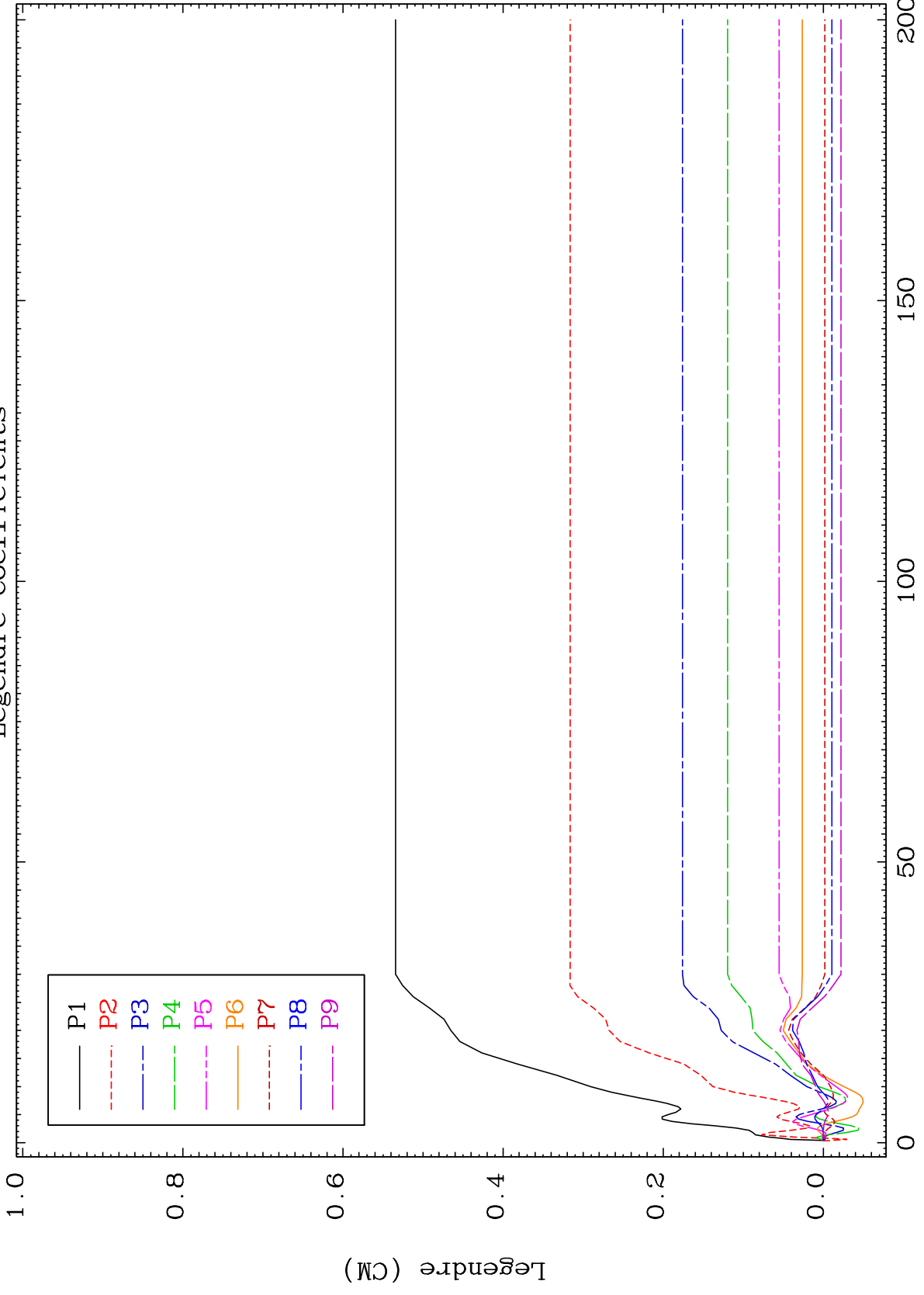


71-Lu-172

Incident Energy (MeV)

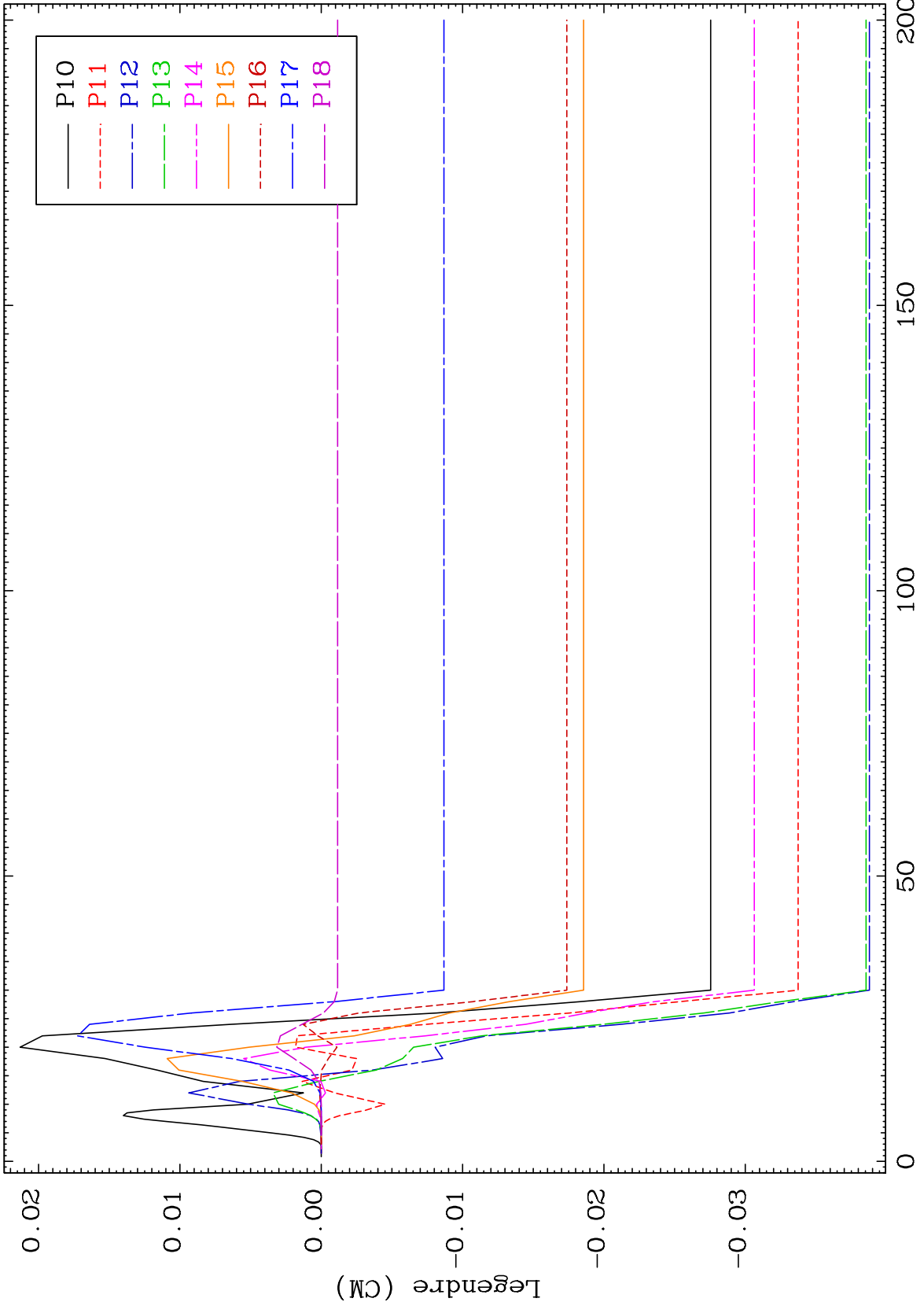
98

MAT 7116 MT= 74 (n,n') Level Legendre Coefficients 71-Lu-172



99 71-Lu-172

MAT 7116 MT= 74 (n,n') Level Legendre Coefficients 71-Lu-172

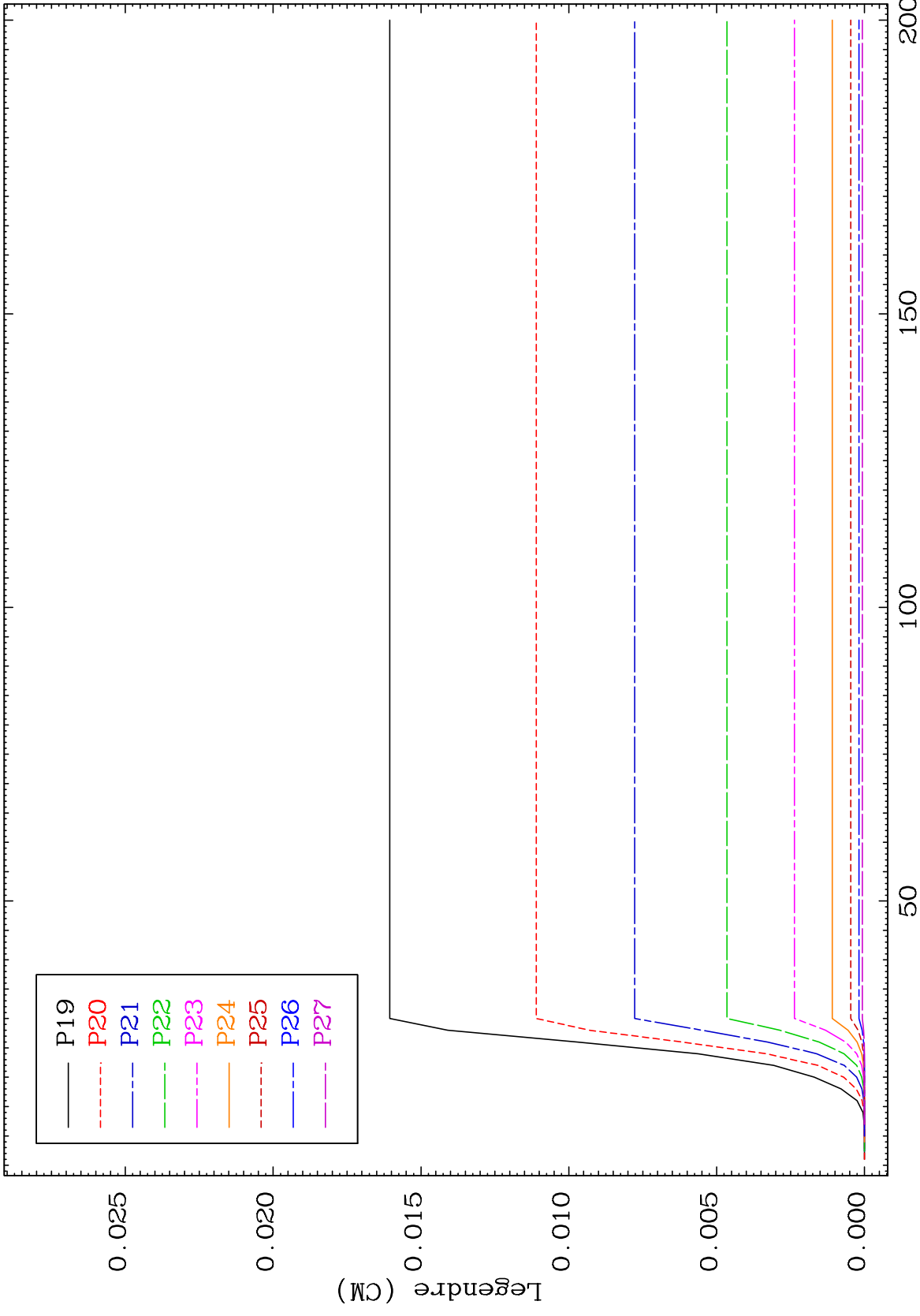


100 50 100 150 200 71-Lu-172

MAT 7116

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

71-Lu-172



101

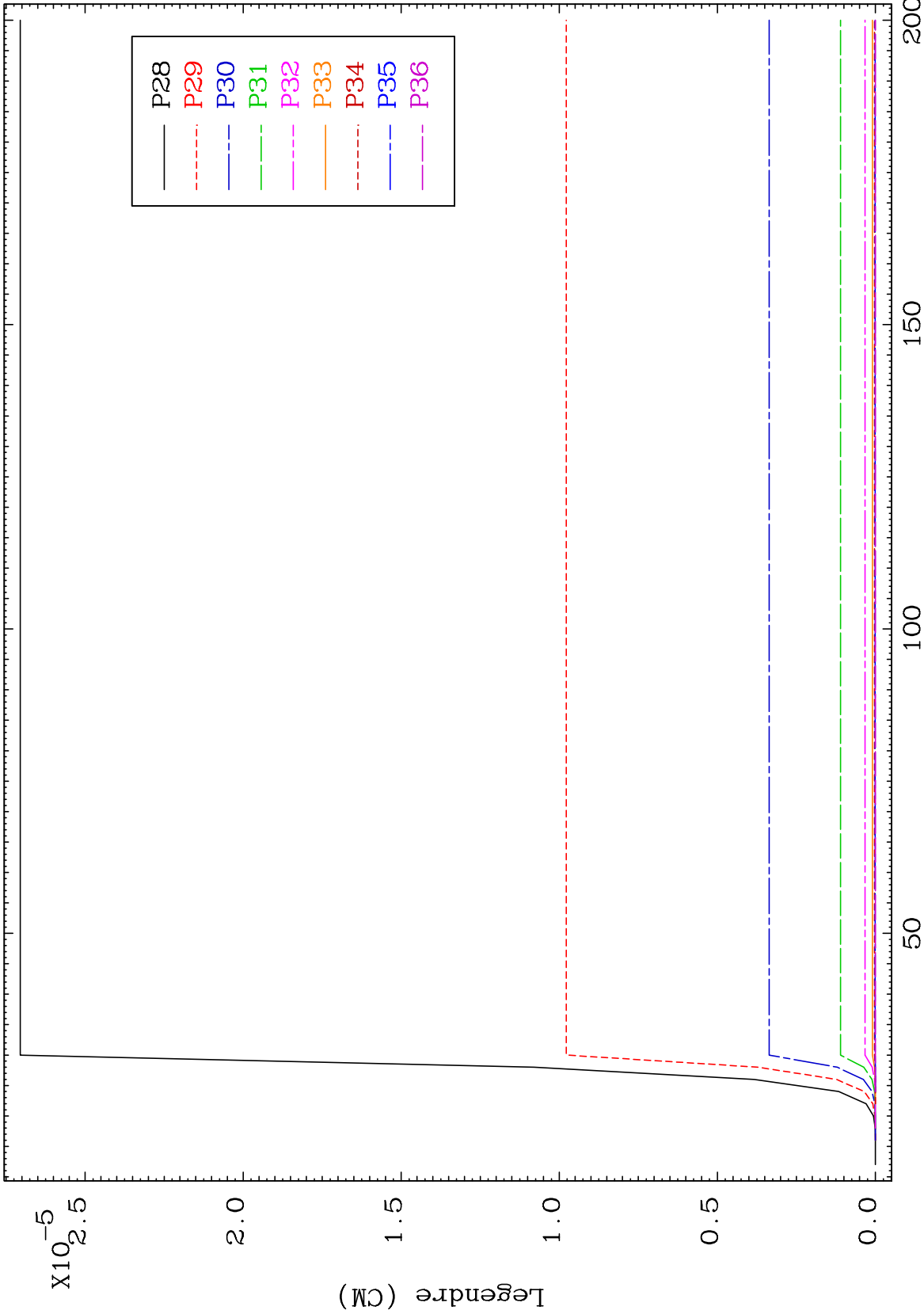
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172

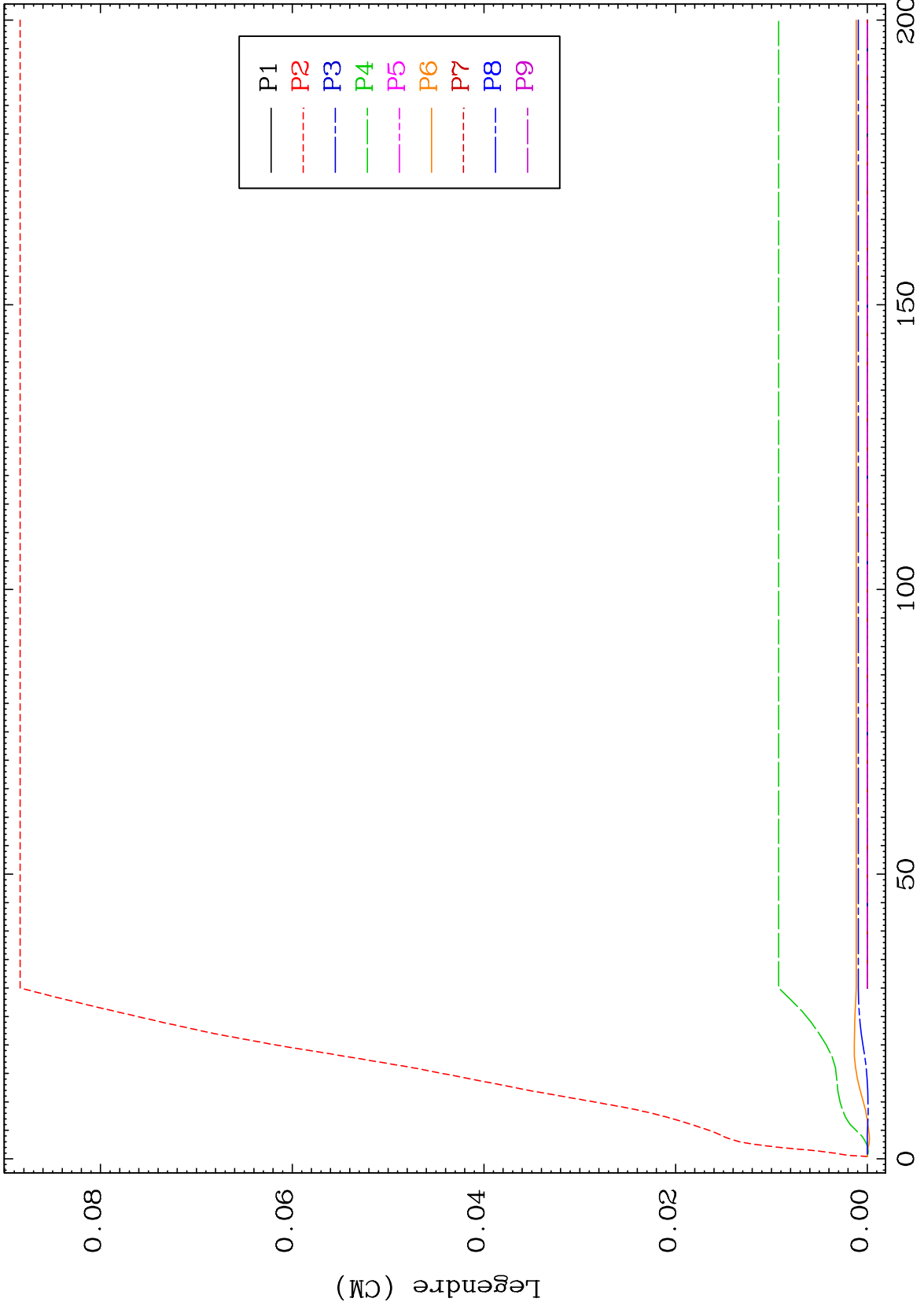


102

Incident Energy (MeV)

71-Lu-172

MAT 7116 MT= 75 (n,n') Level Legendre Coefficients 71-Lu-172

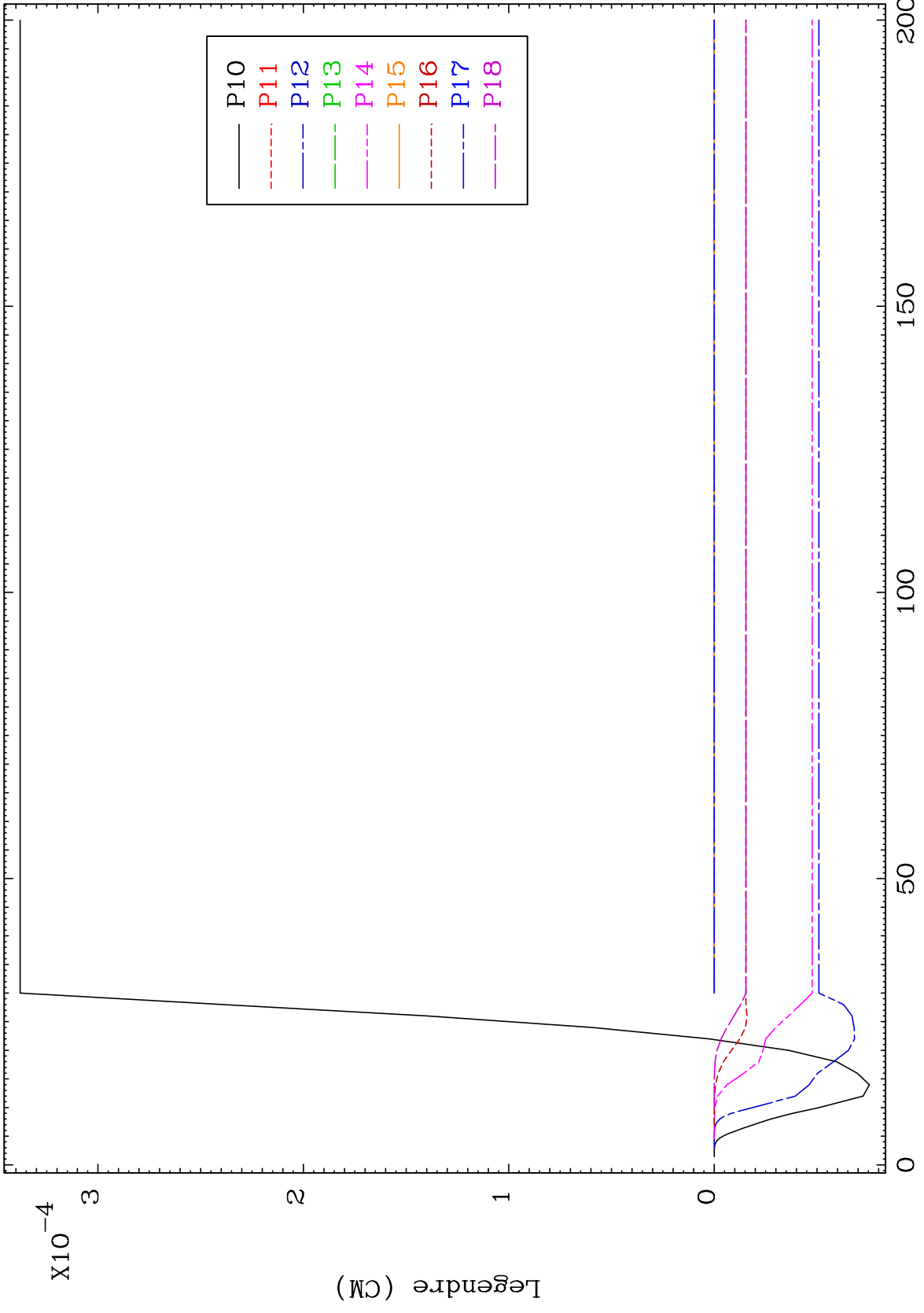


103 71-Lu-172

MAT 7116

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

71-Lu-172

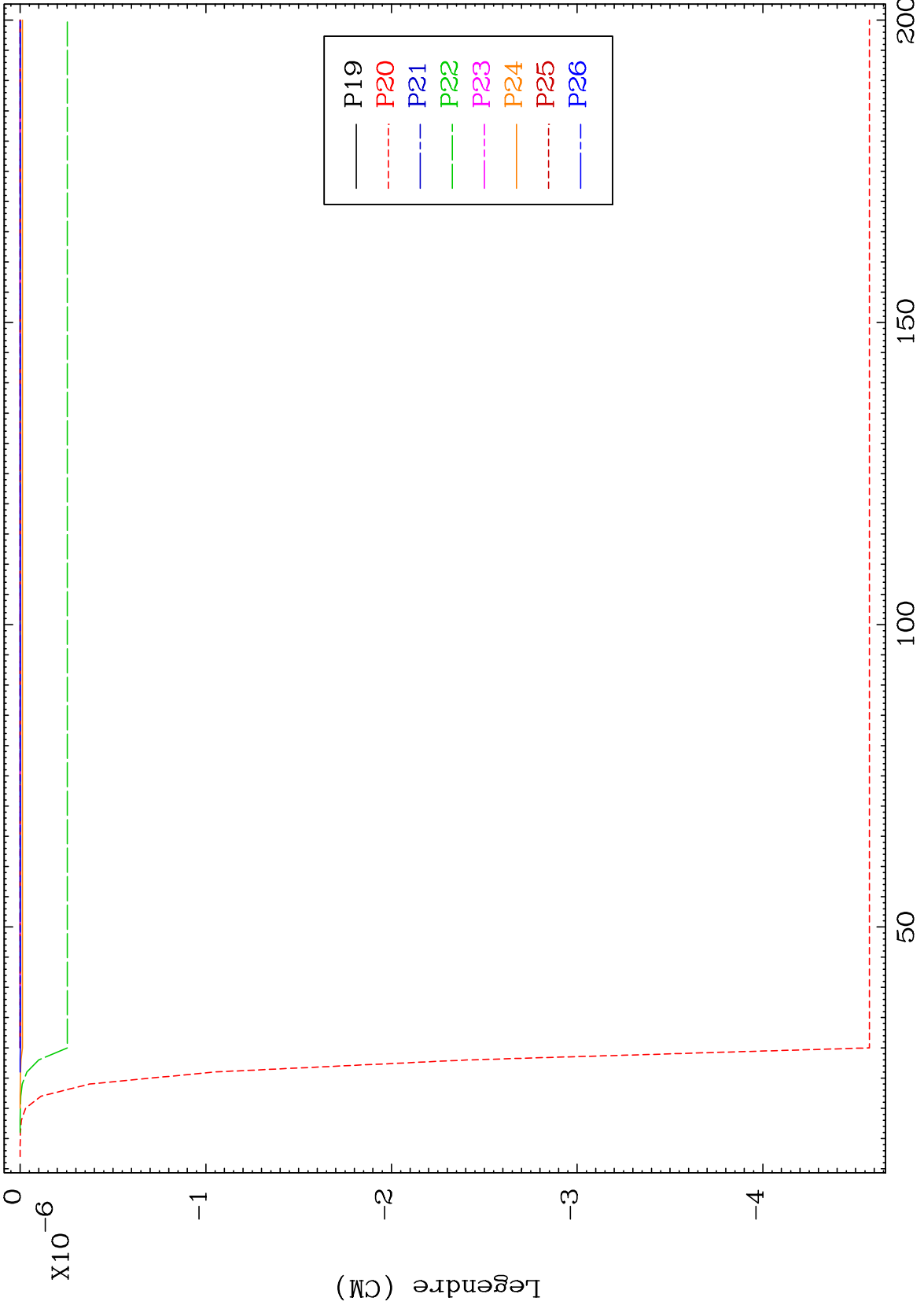


104

Incident Energy (MeV)

71-Lu-172

MAT 7116 MT= 75 (n,n') Level Legendre Coefficients 71-Lu-172

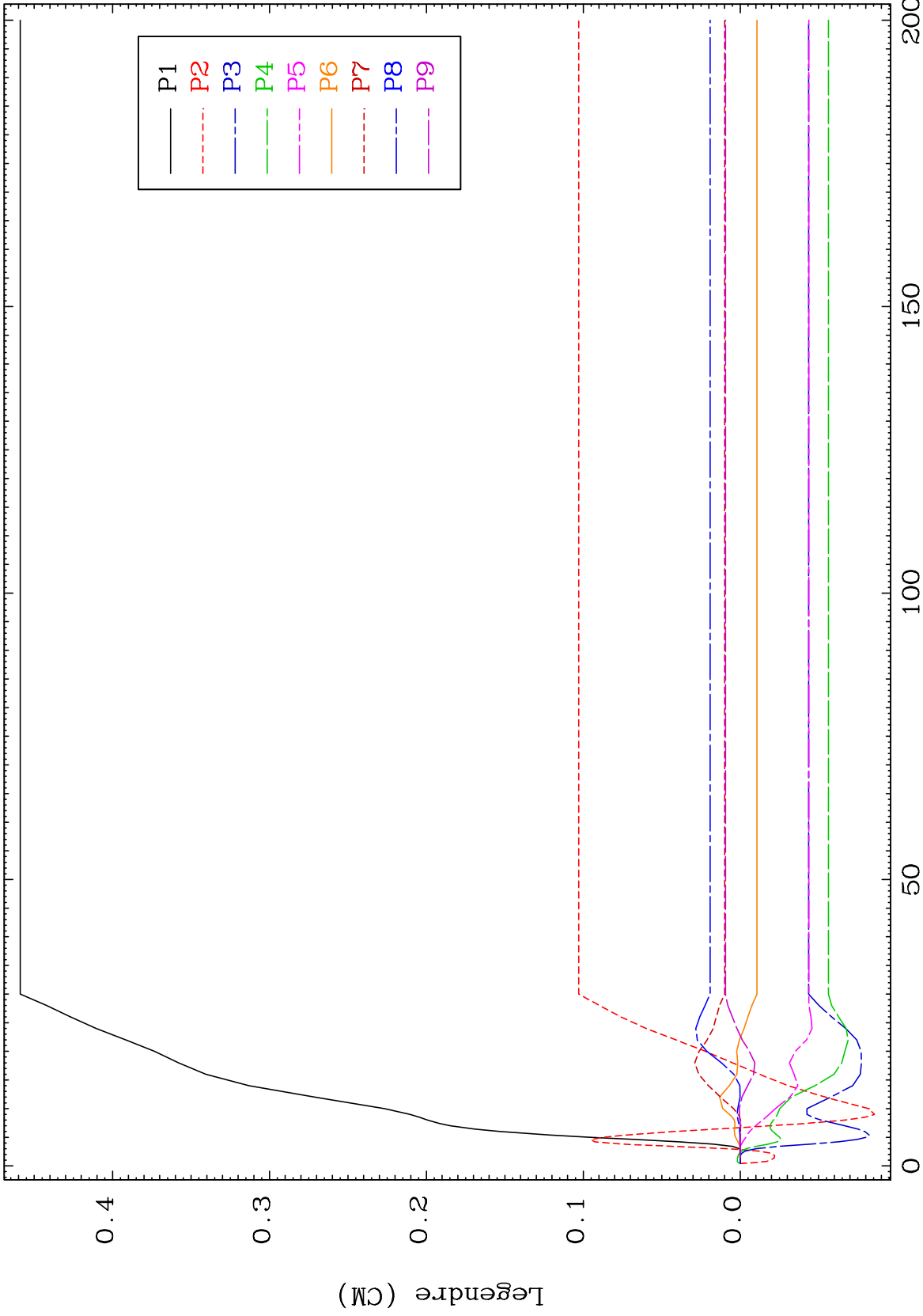


105 Incident Energy (MeV) 71-Lu-172

MAT 7116

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

71-Lu-172



106

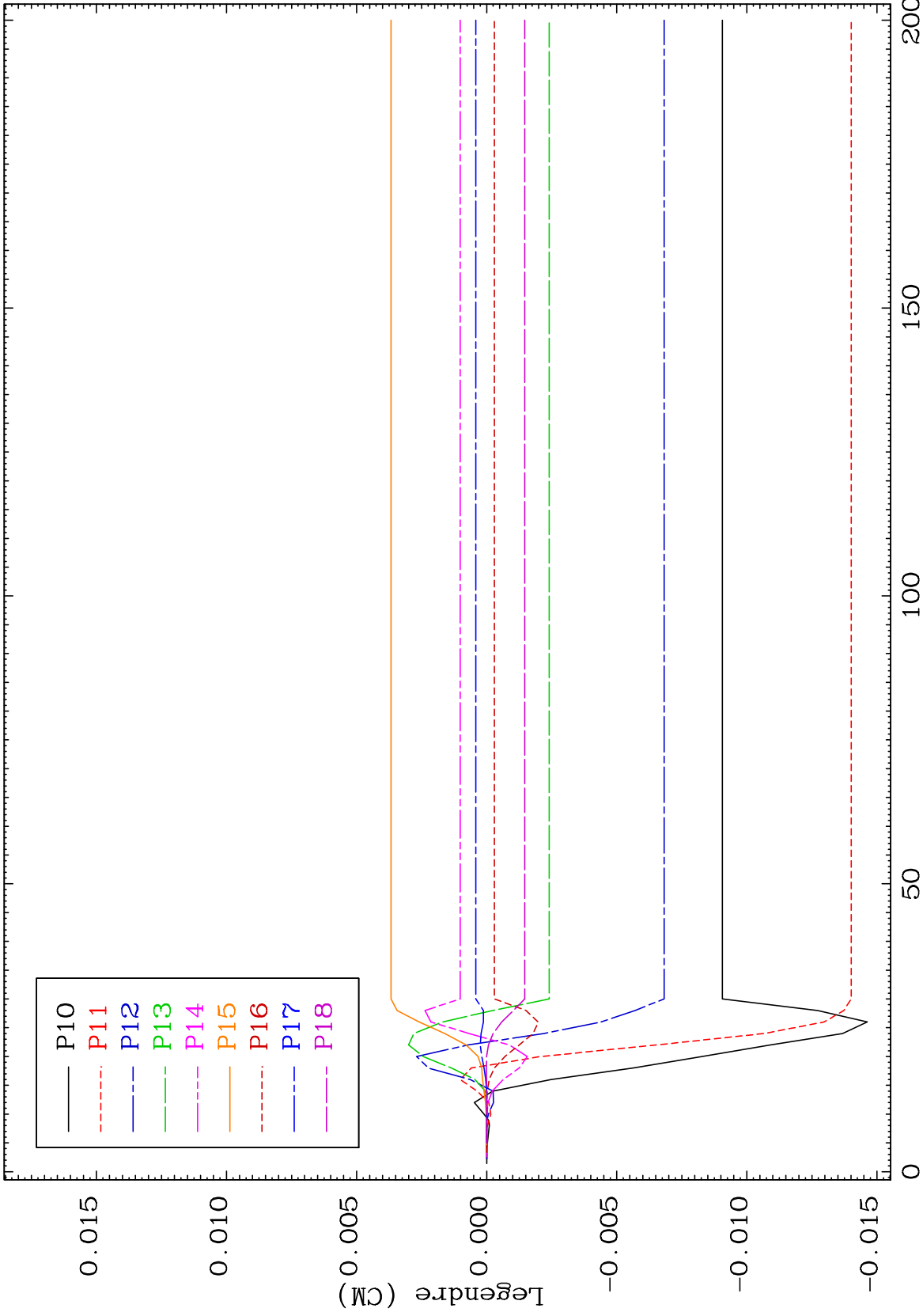
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



107

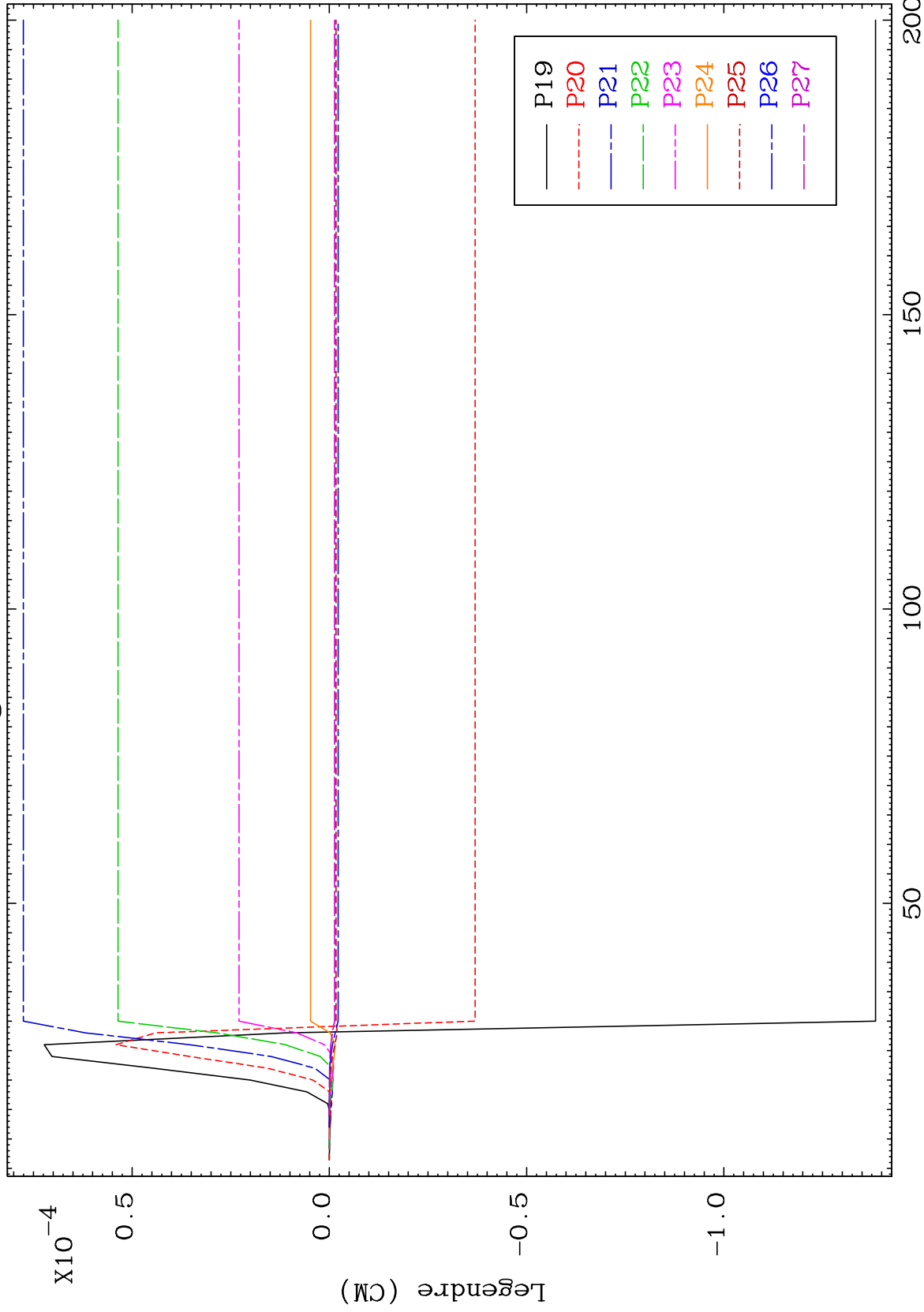
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

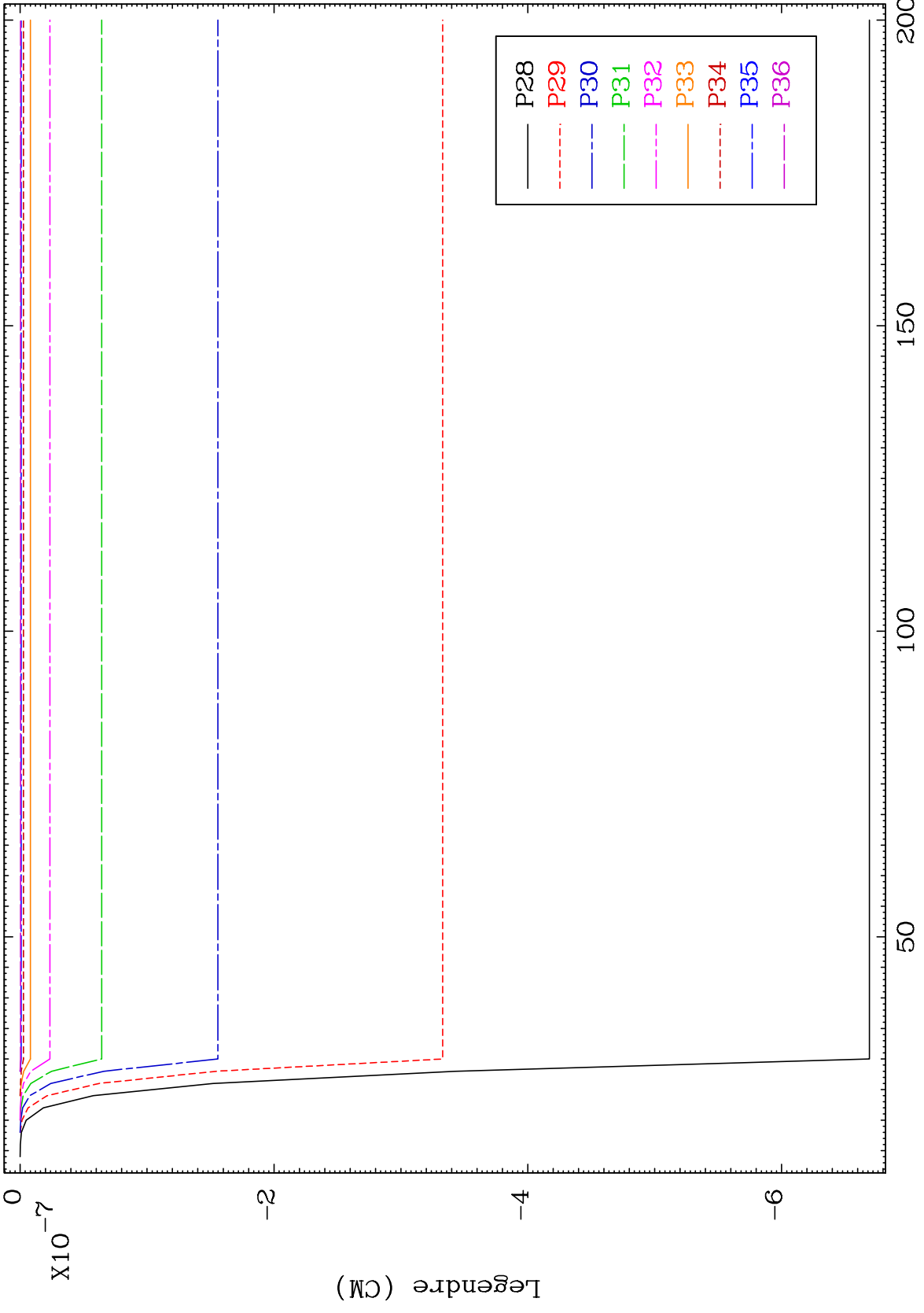
71-Lu-172



108

71-Lu-172

MAT 7116 MT= 76 (n,n') Level Legendre Coefficients 71-Lu-172

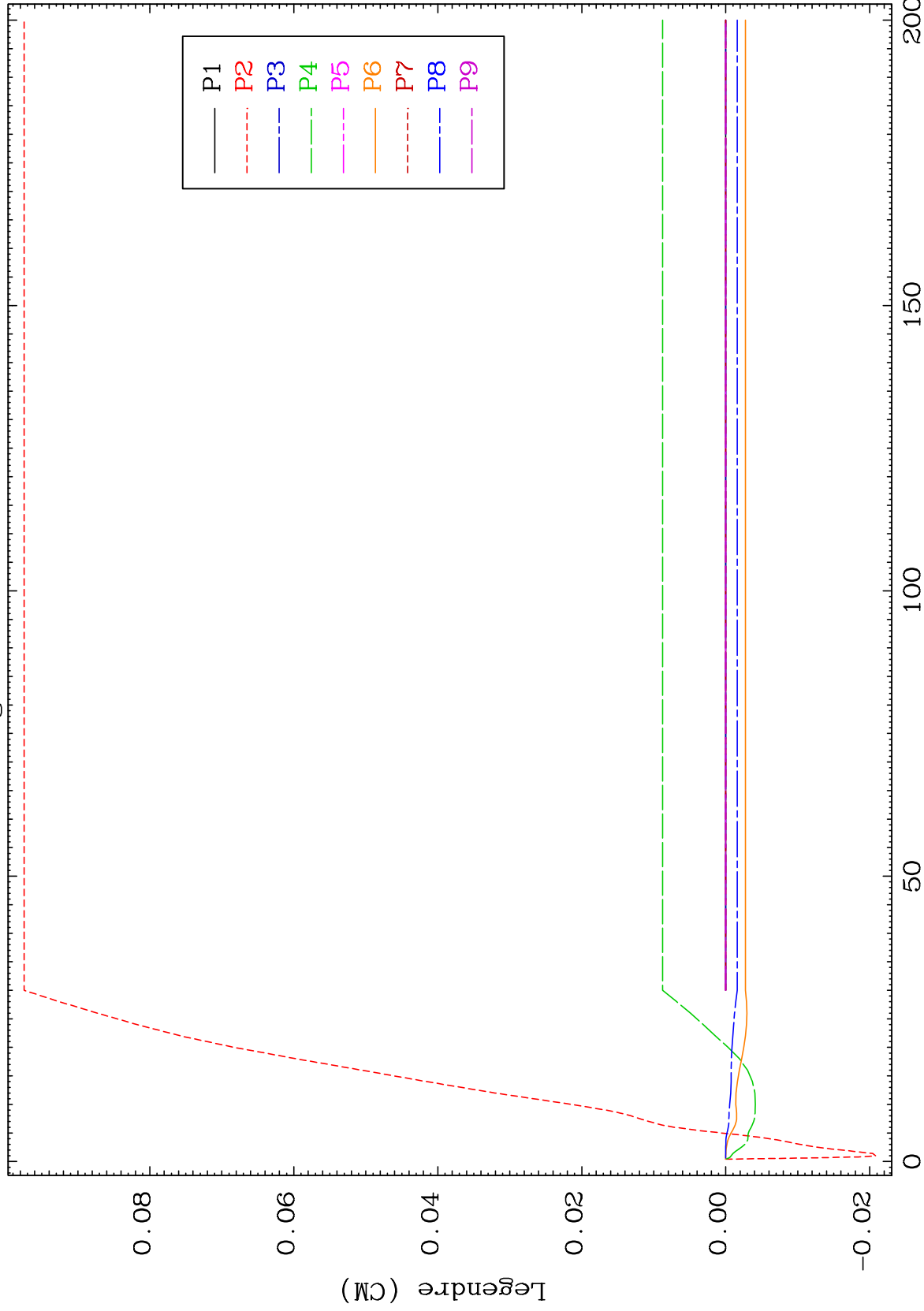


109 71-Lu-172

MAT 7116

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

71-Lu-172



71-Lu-172

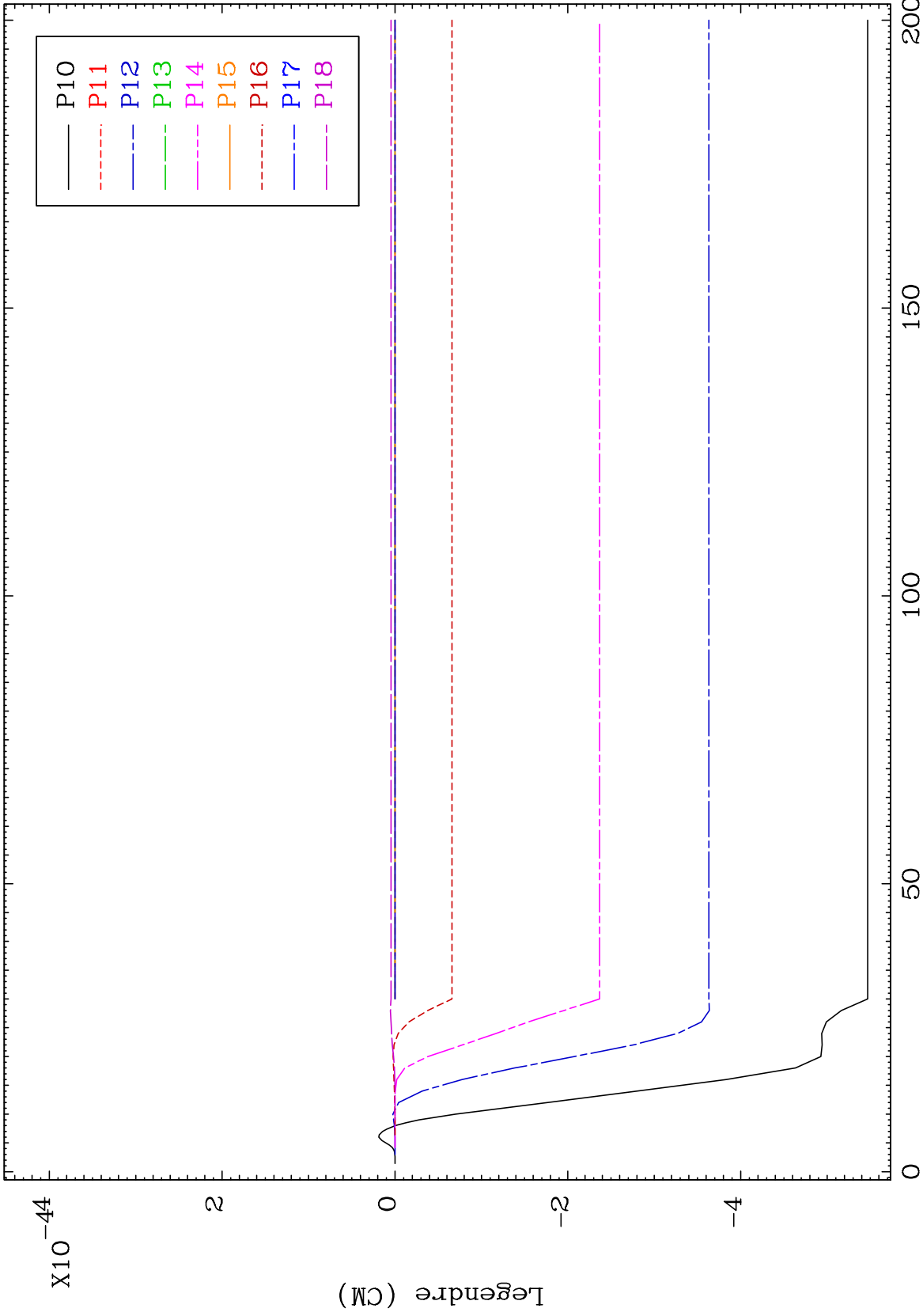
Incident Energy (MeV)

110

MAT 7116

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

71-Lu-172

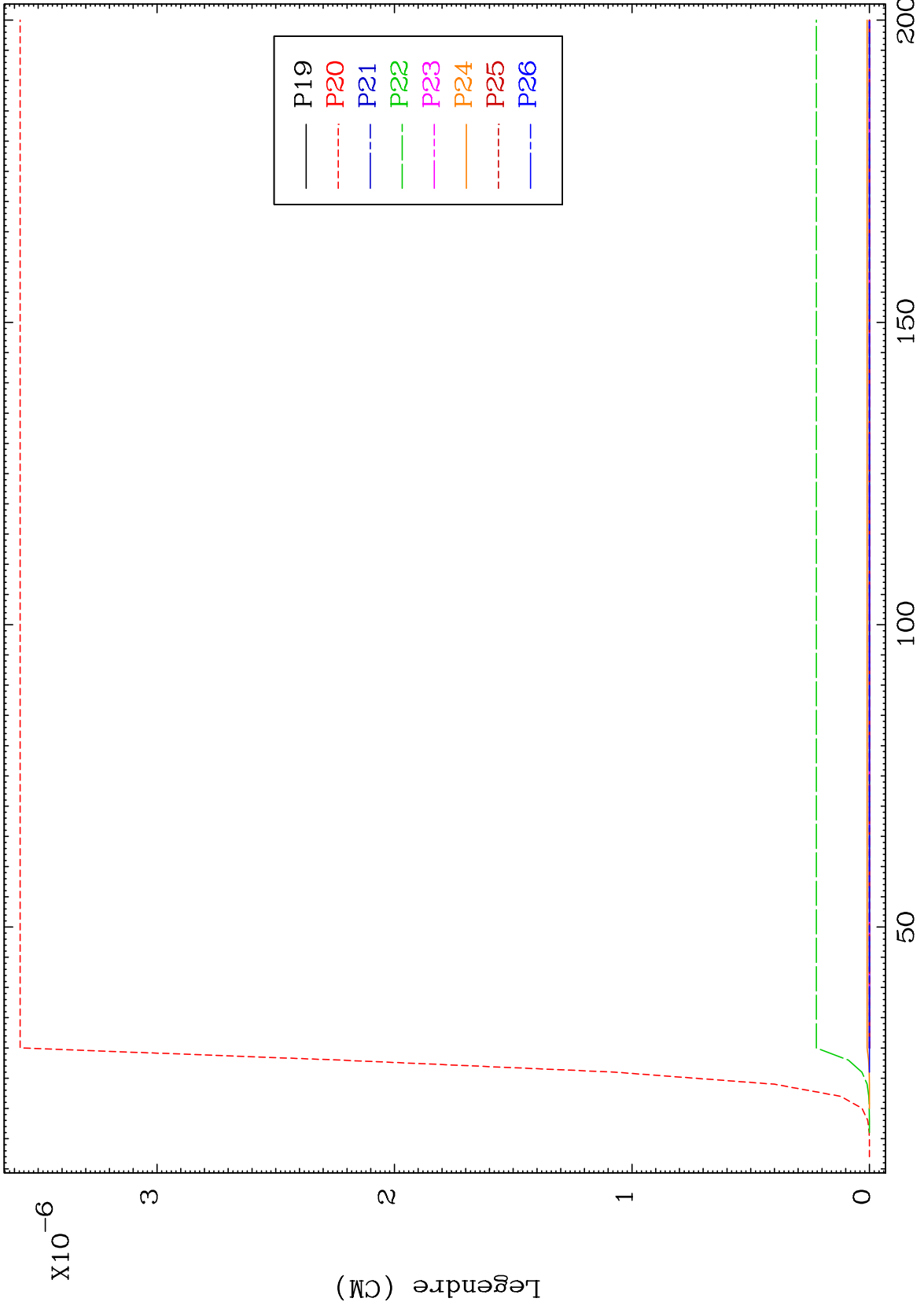


111

Incident Energy (MeV)

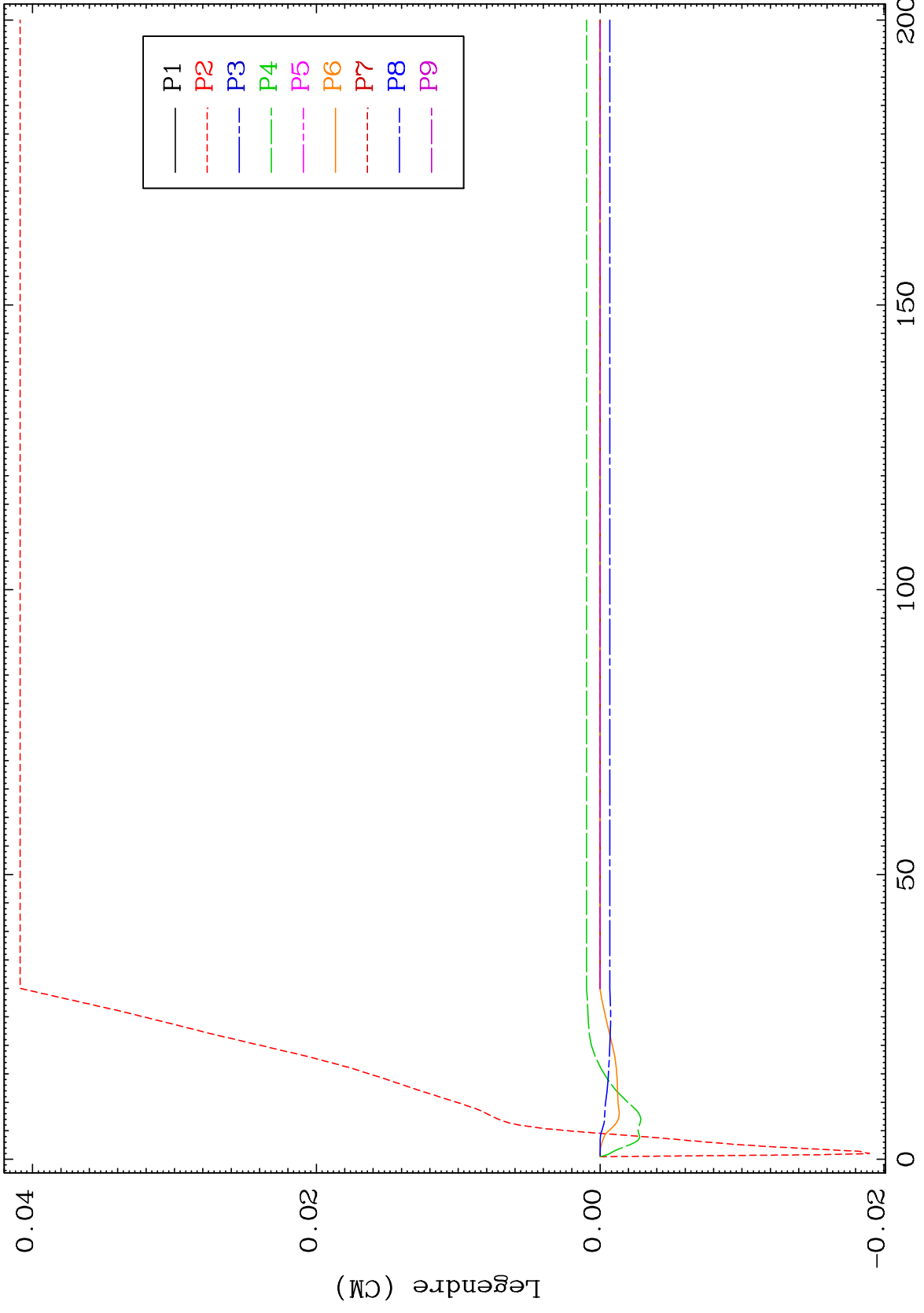
71-Lu-172

MAT 7116 MT= 77 (n,n') Level Legendre Coefficients 71-Lu-172



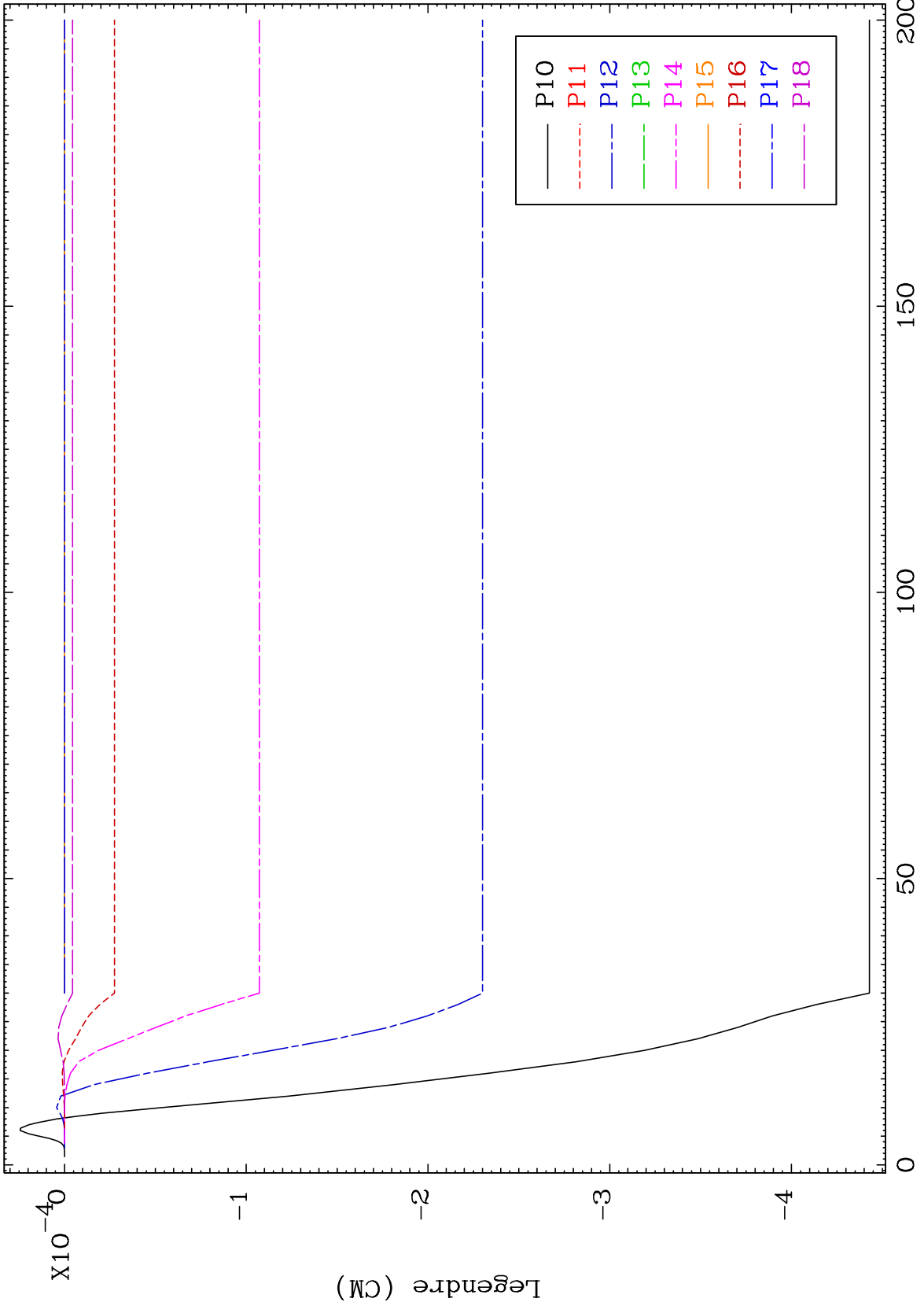
112 Incident Energy (MeV) 71-Lu-172

MAT 7116 MT= 78 (n,n') Level Legendre Coefficients 71-Lu-172



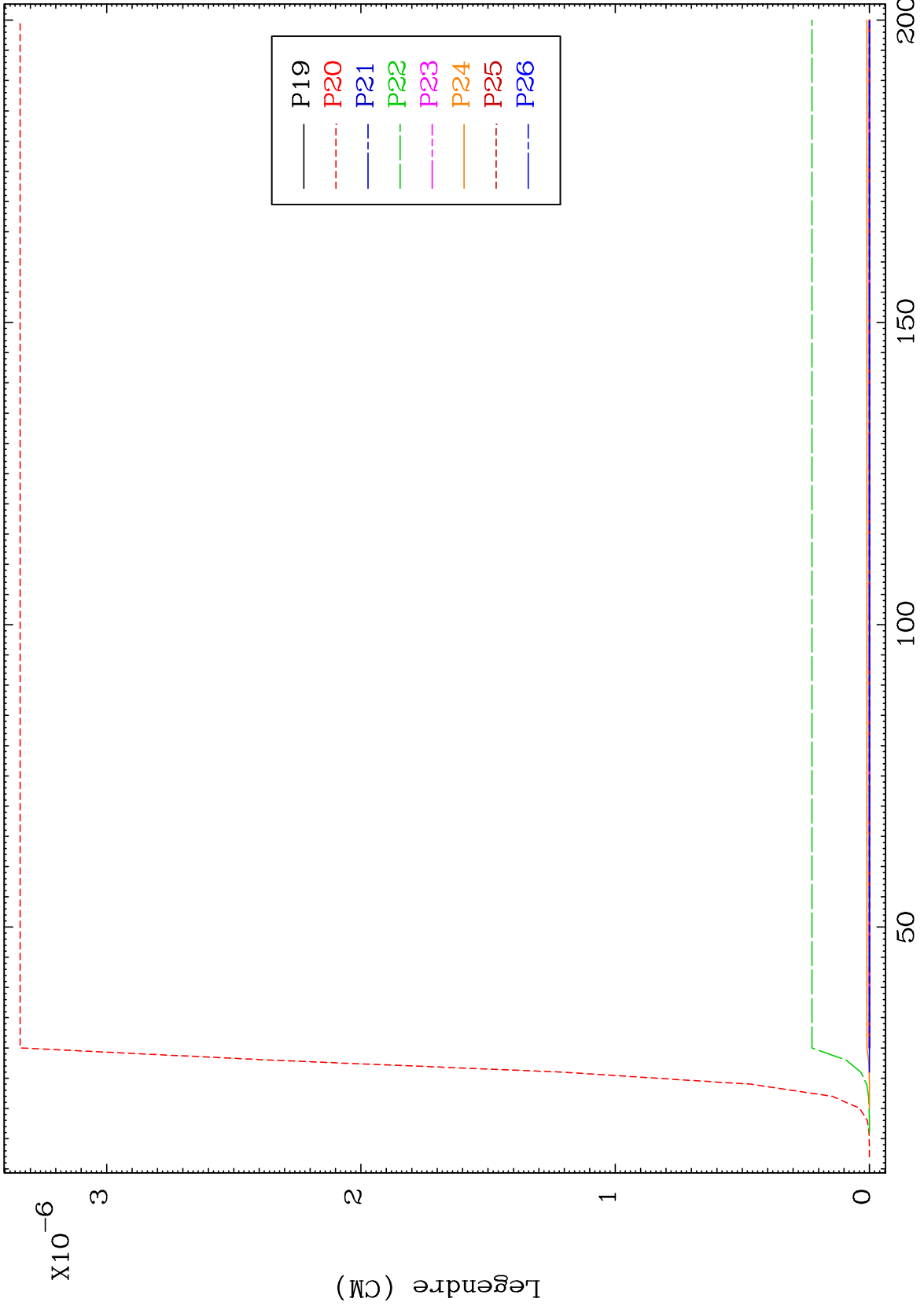
113 71-Lu-172

MAT 7116 MT= 78 (n,n') Level Legendre Coefficients 71-Lu-172



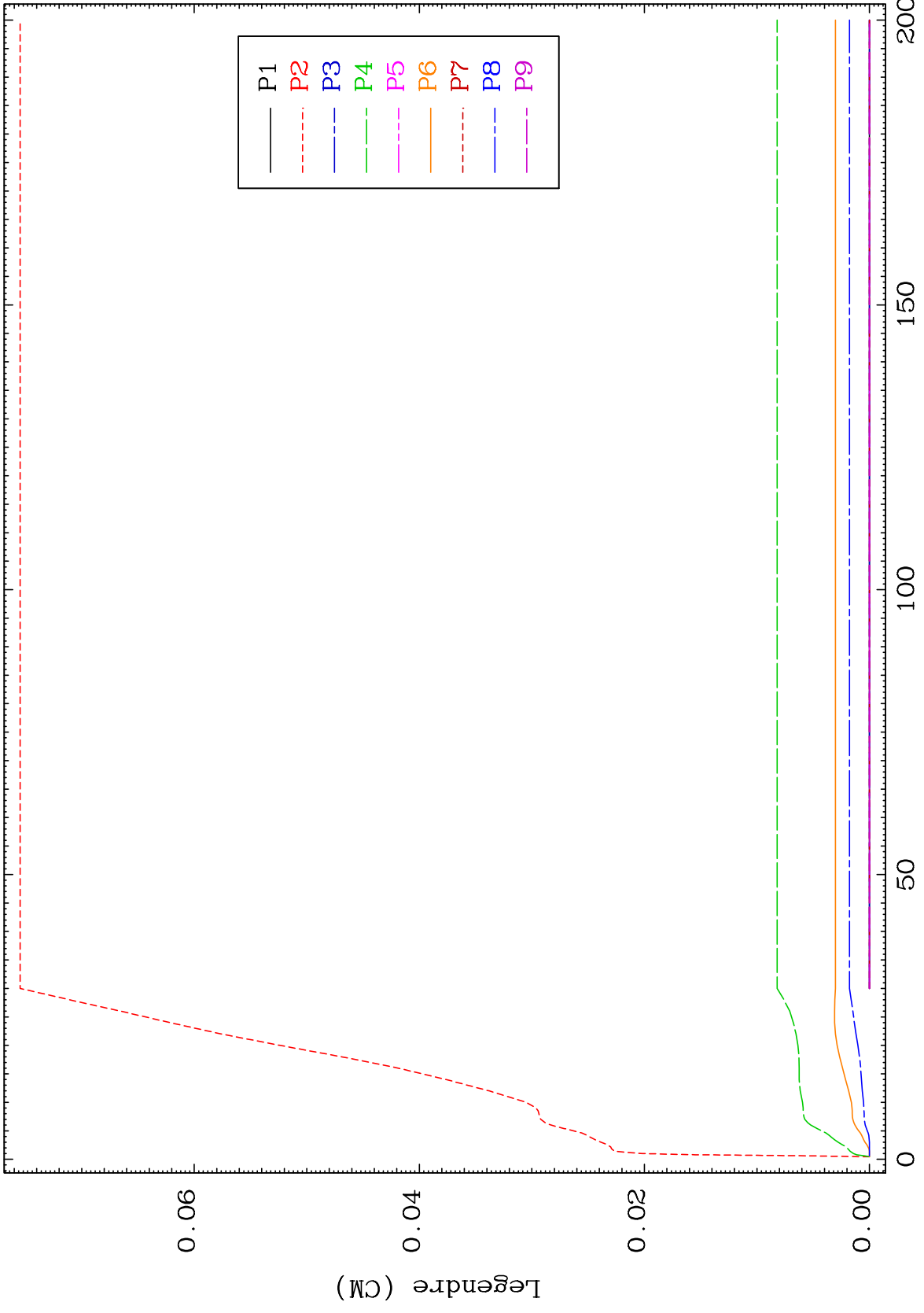
114 71-Lu-172

MAT 7116 MT= 78 (n,n') Level Legendre Coefficients 71-Lu-172



71-Lu-172

MAT 7116 MT= 79 (n,n') Level Legendre Coefficients 71-Lu-172

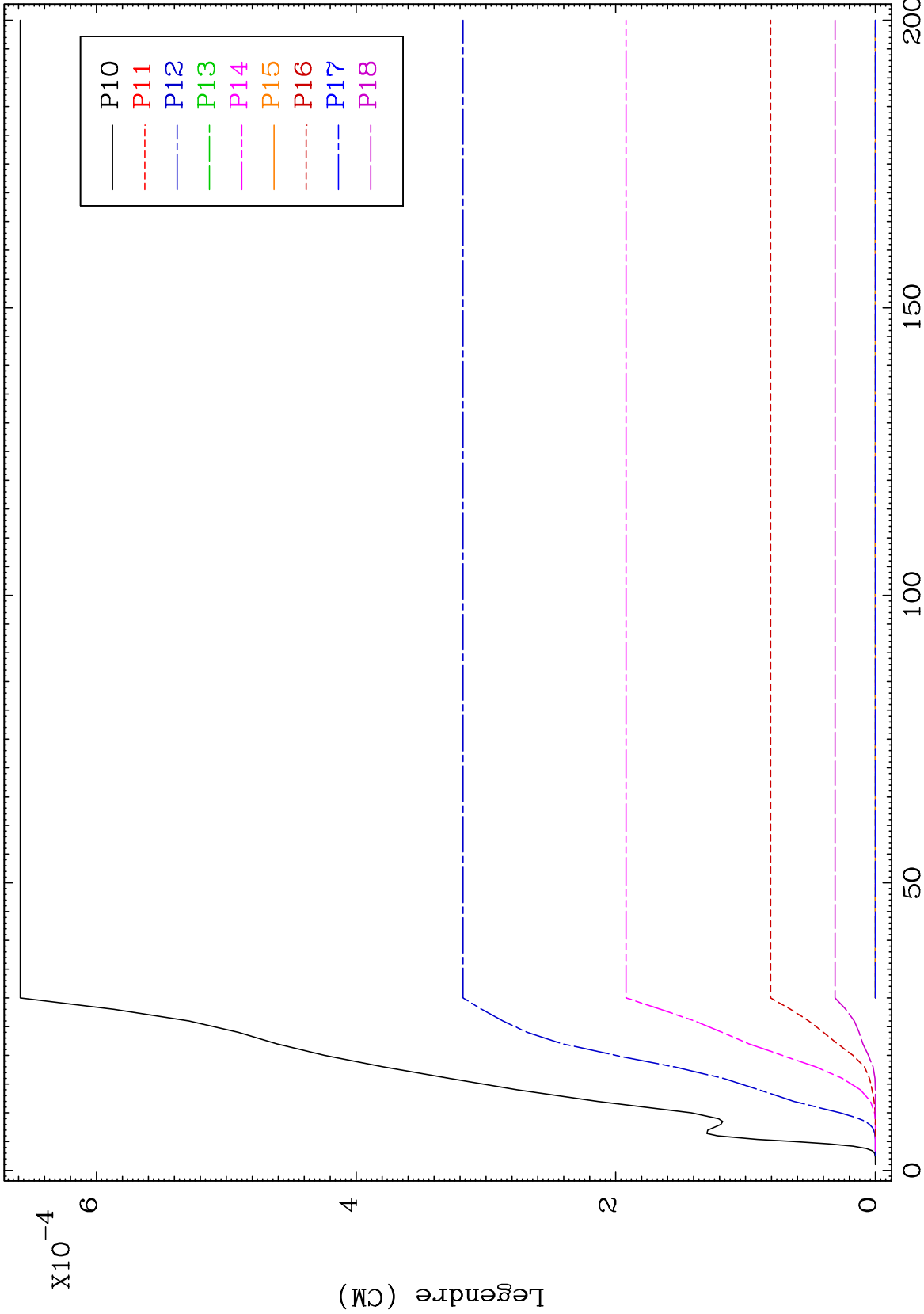


116 71-Lu-172

MAT 7116

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

71-Lu-172

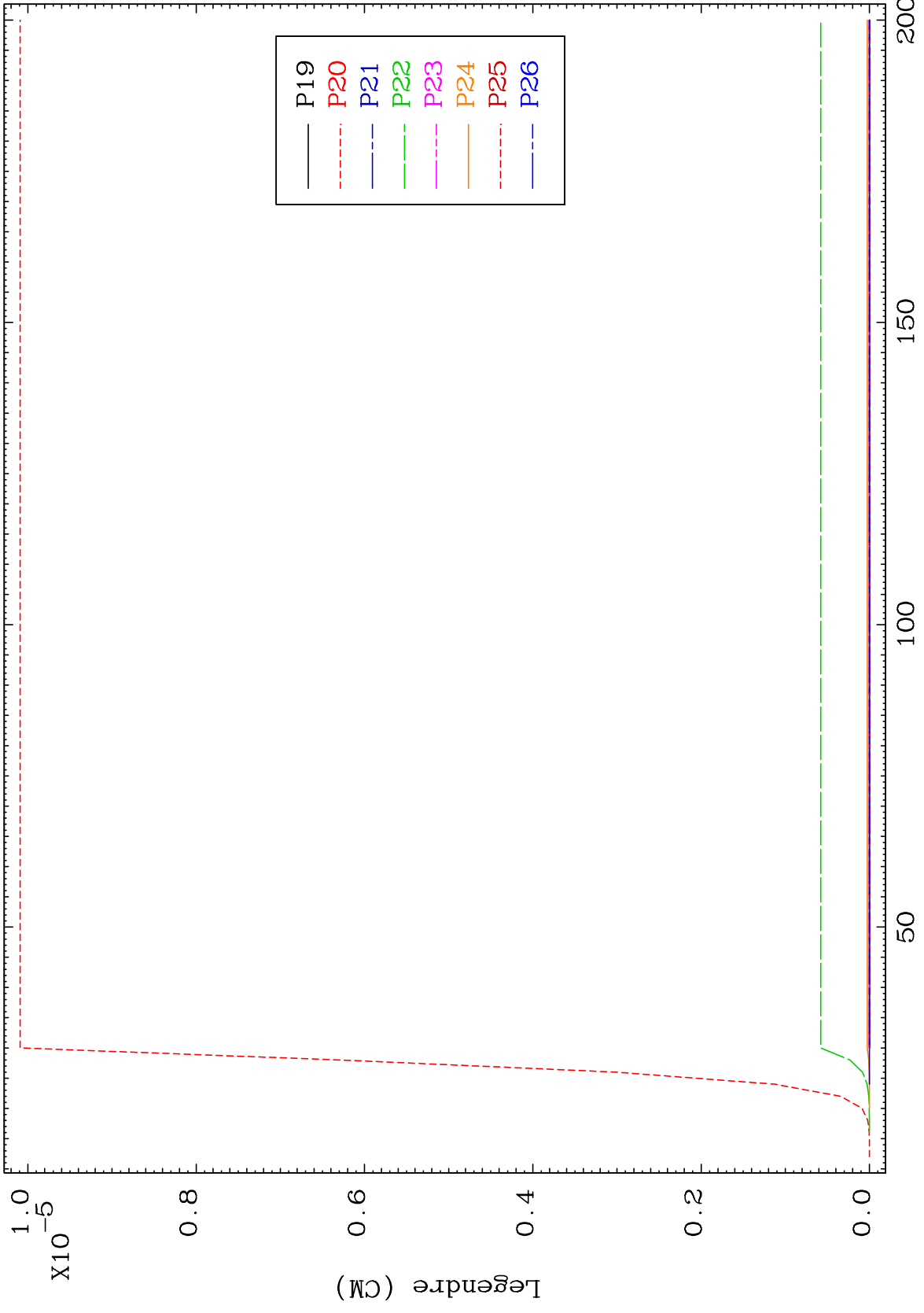


117

Incident Energy (MeV)

71-Lu-172

MAT 7116 MT= 79 (n,n') Level Legendre Coefficients 71-Lu-172

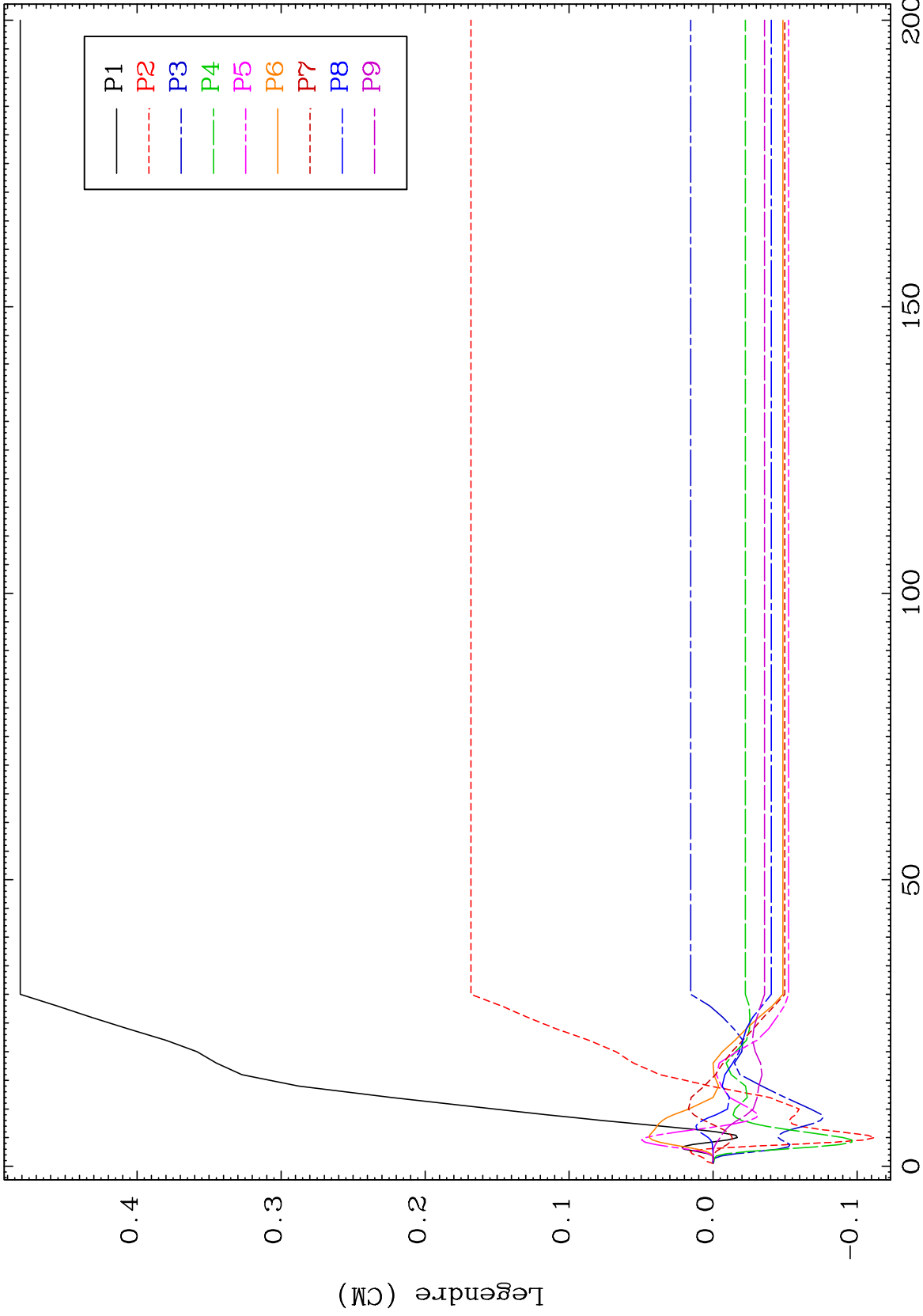


118 71-Lu-172

MAT 7116

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

71-Lu-172



71-Lu-172

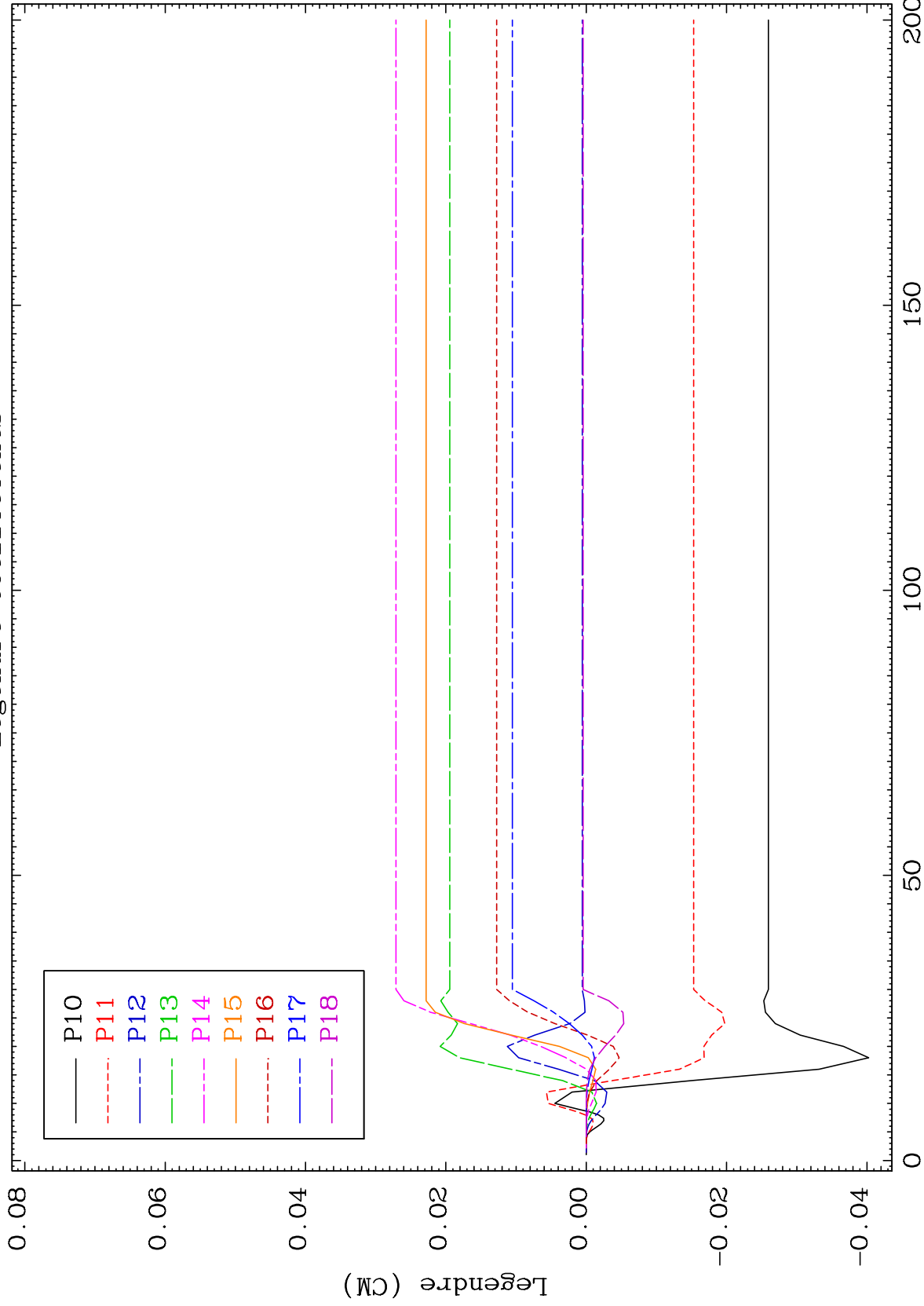
Incident Energy (MeV)

119

MAT 7116

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

71-Lu-172



120

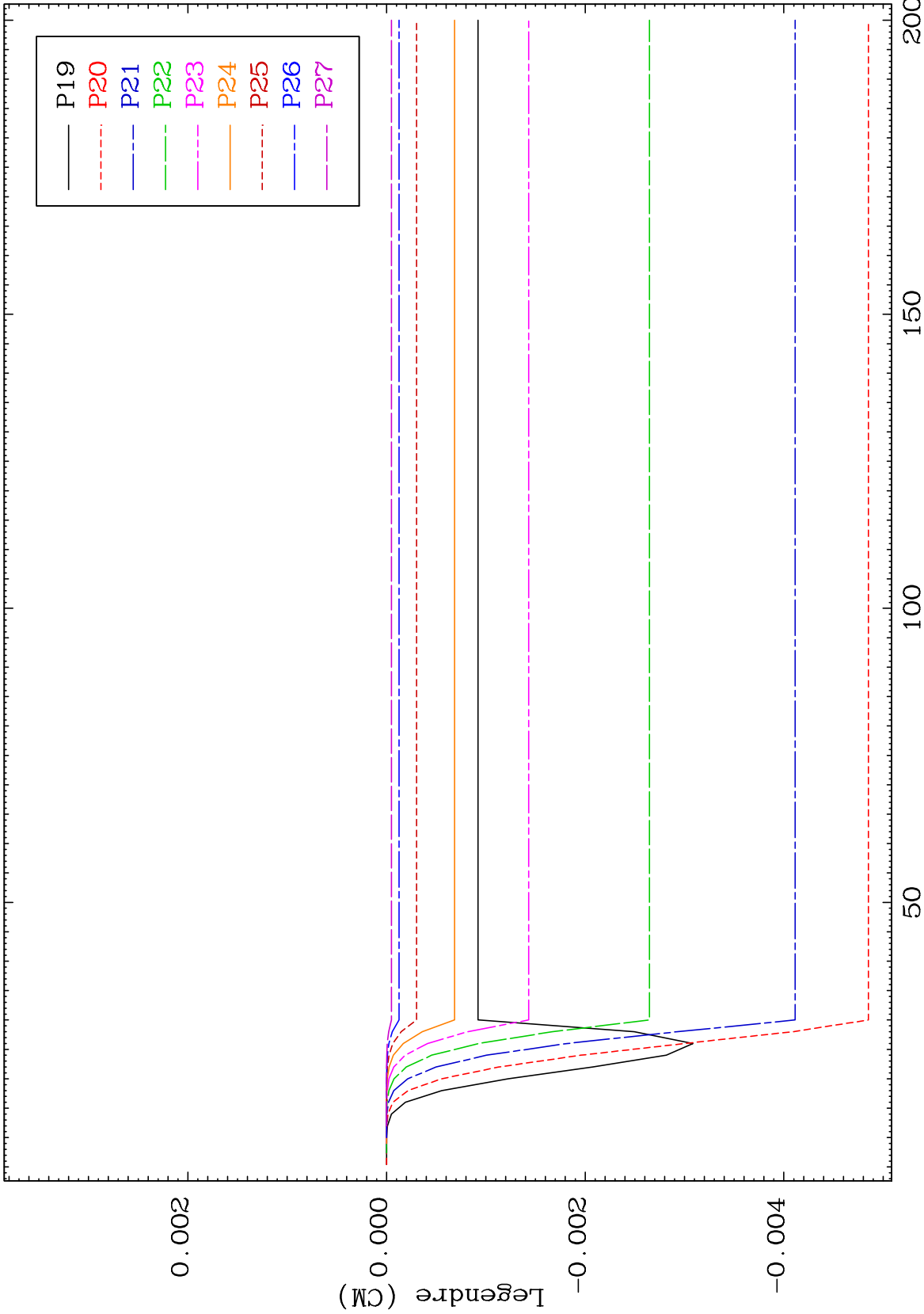
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



121

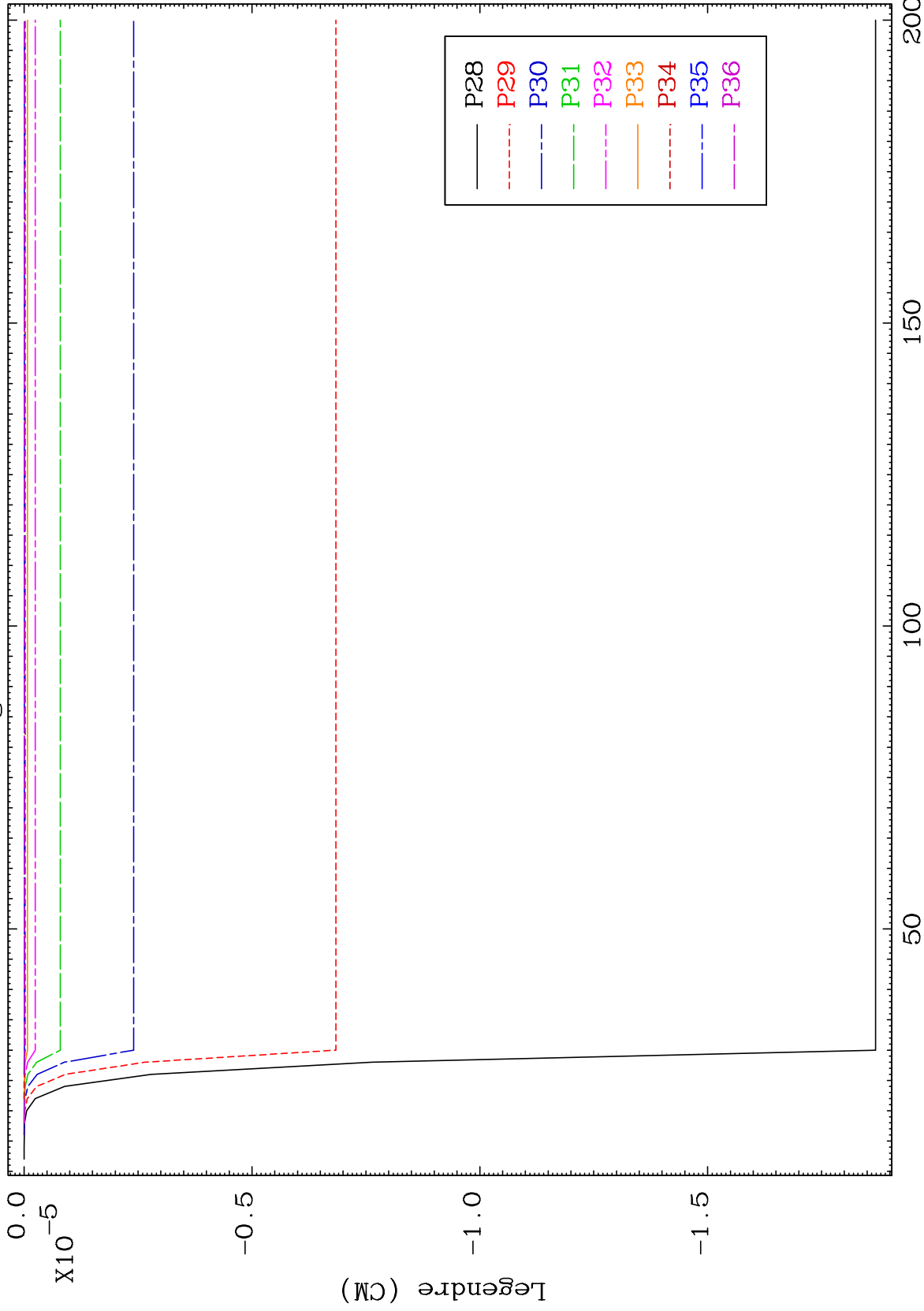
Incident Energy (MeV)

71-Lu-172

71-Lu-172

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

MAT 7116



71-Lu-172

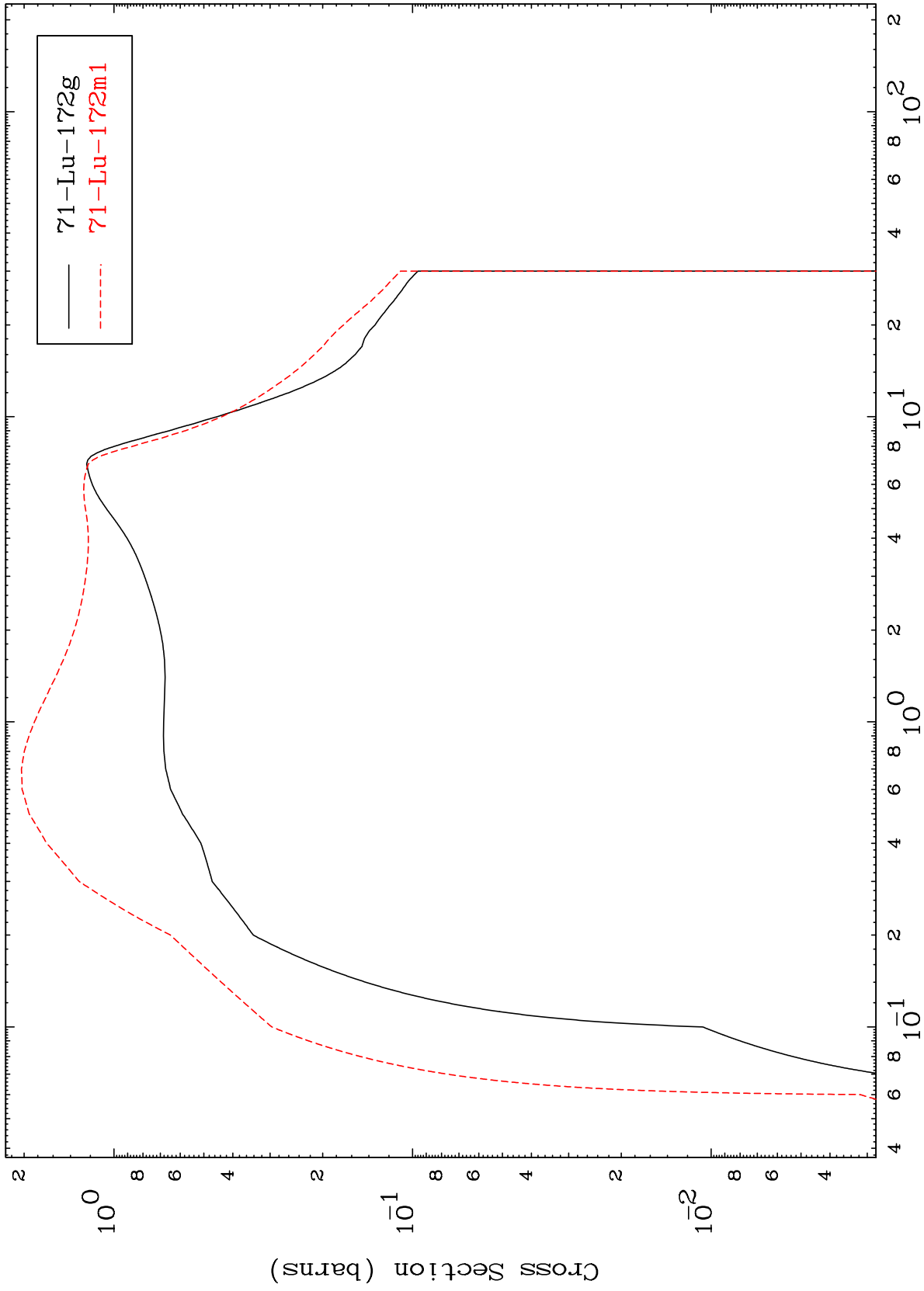
Incident Energy (MeV)

122

MAT 7116

71-Lu-172

Inelastic
Radionuclide Production Cross Section



123

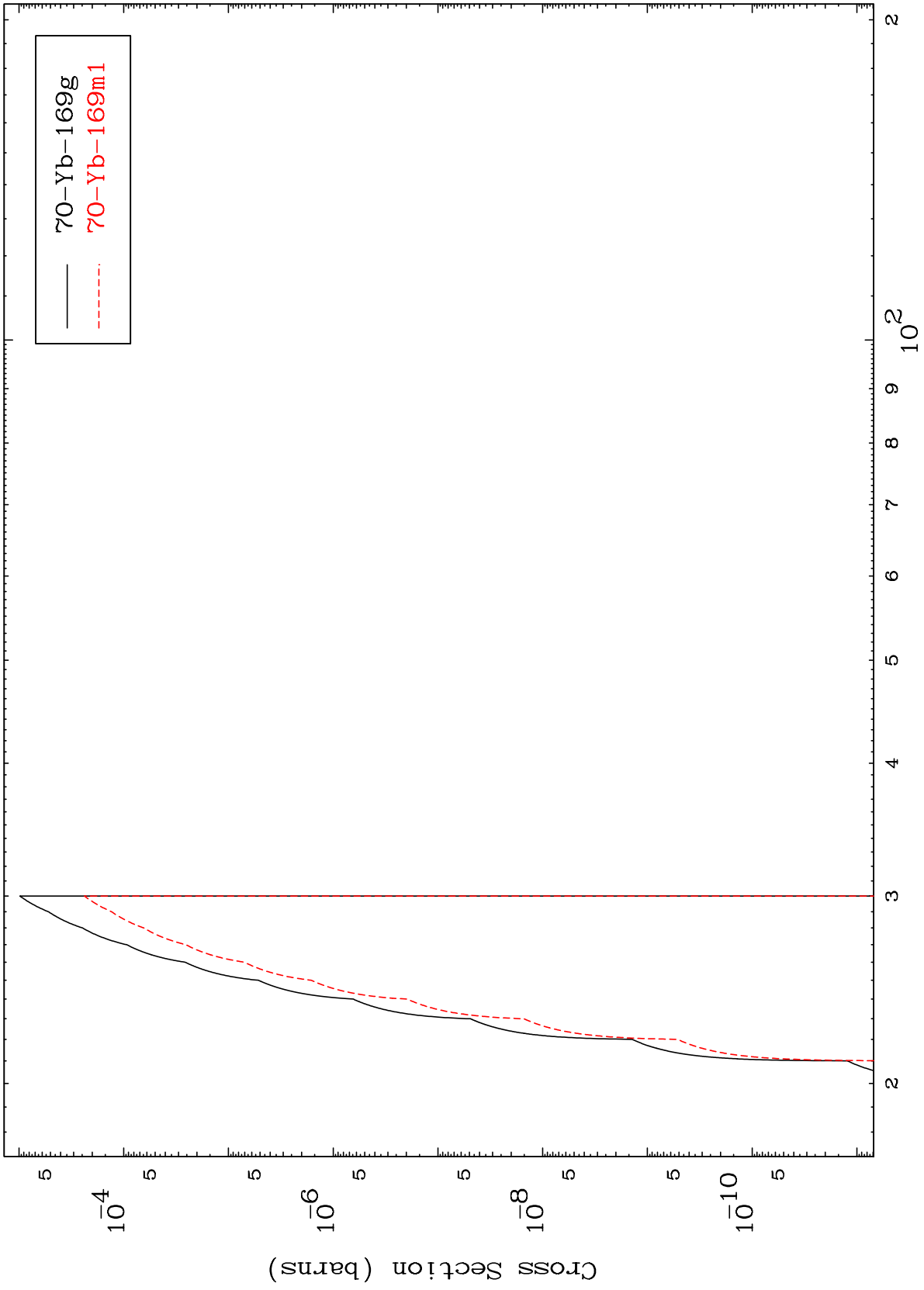
71-Lu-172

MAT 7116

(n,2n) d

71-Lu-172

Radionuclide Production Cross Section



124

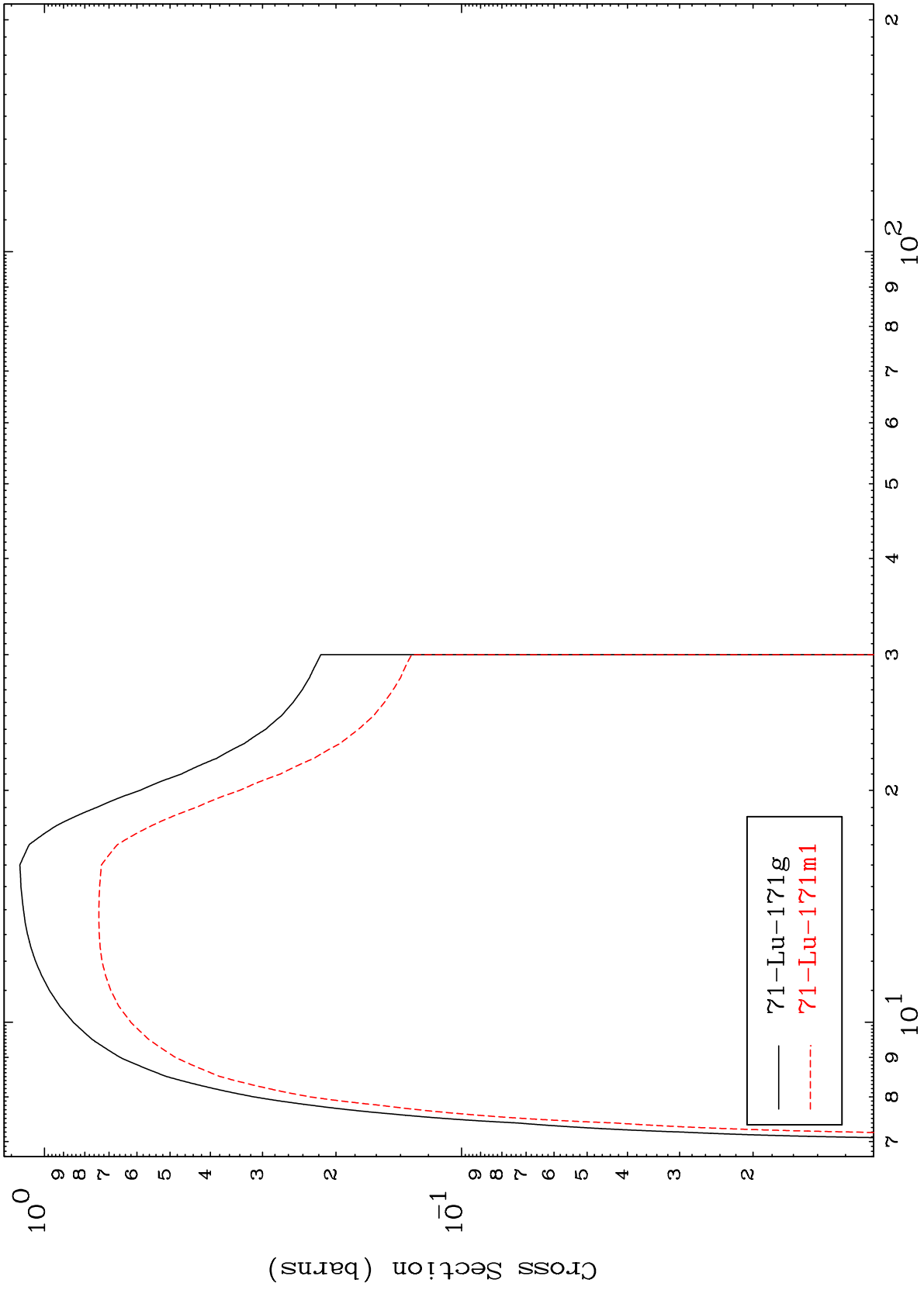
Incident Energy (MeV)

71-Lu-172

MAT 7116

71-Lu-172

Radionuclide Production Cross Section
(n,2n)



125

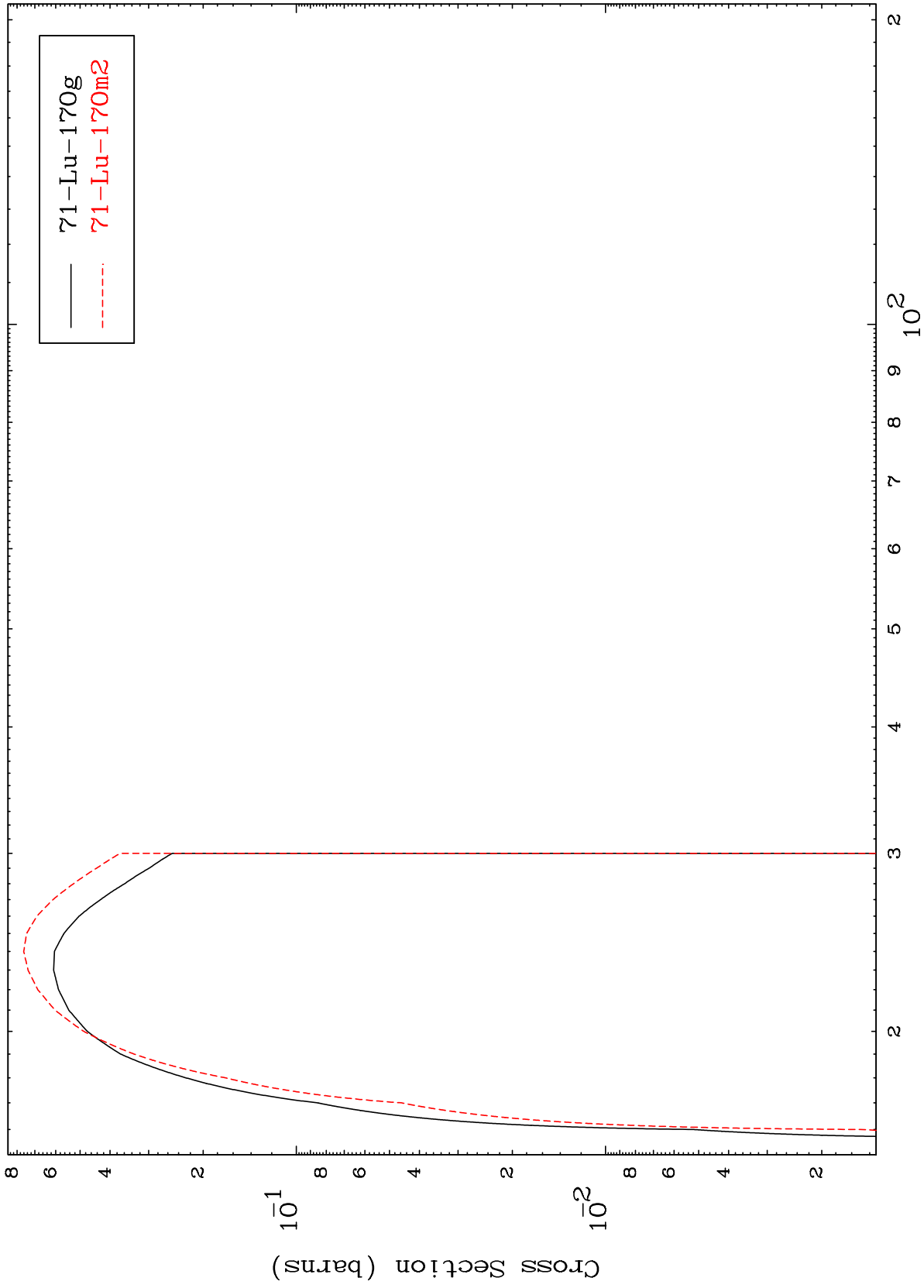
Incident Energy (MeV)

71-Lu-172

MAT 7116

71-Lu-172

(n,3n)
Radionuclide Production Cross Section



126

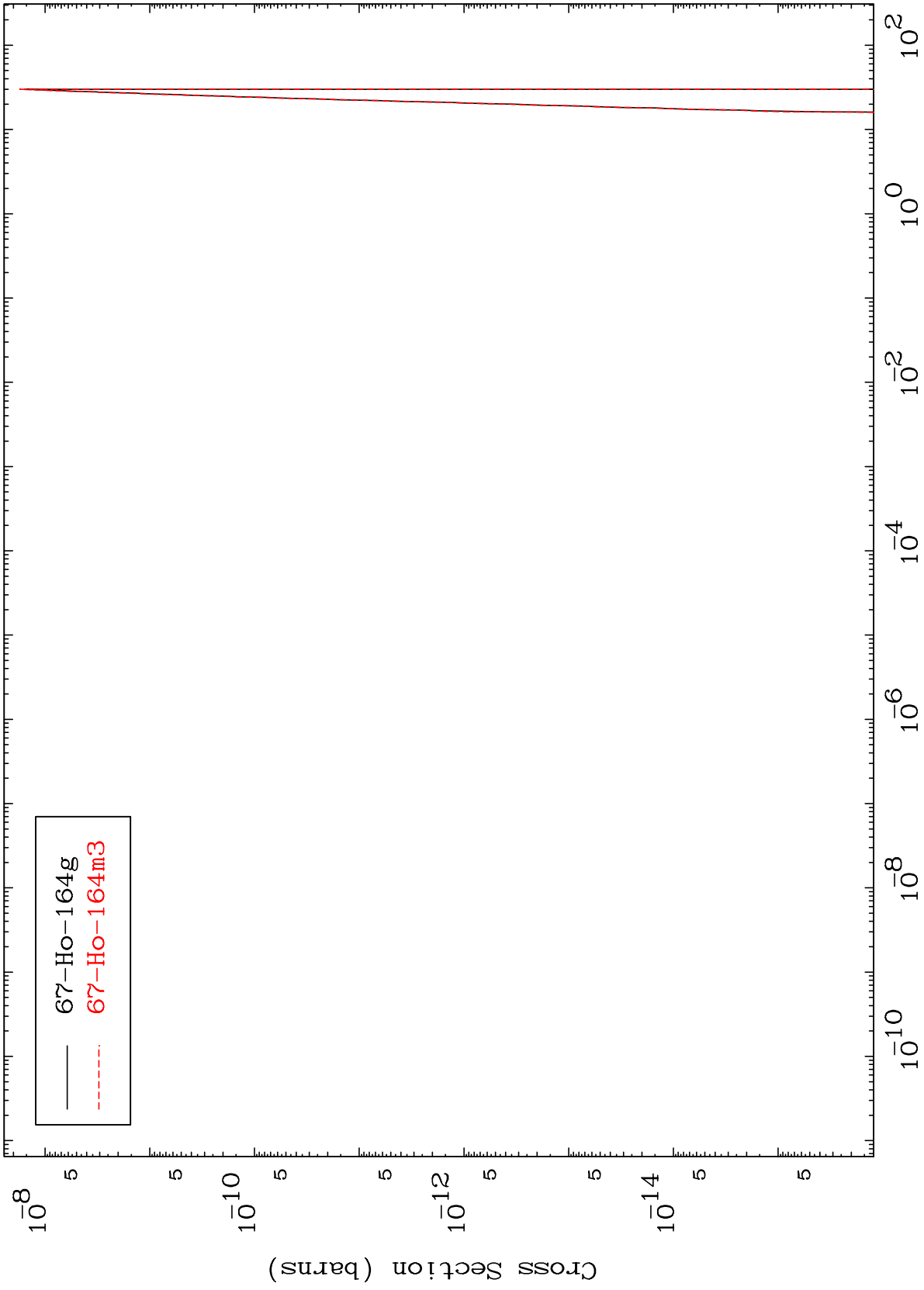
71-Lu-172

MAT 7116

(n,n') 2 α

71-Lu-172

Radionuclide Production Cross Section



127

Incident Energy (MeV)

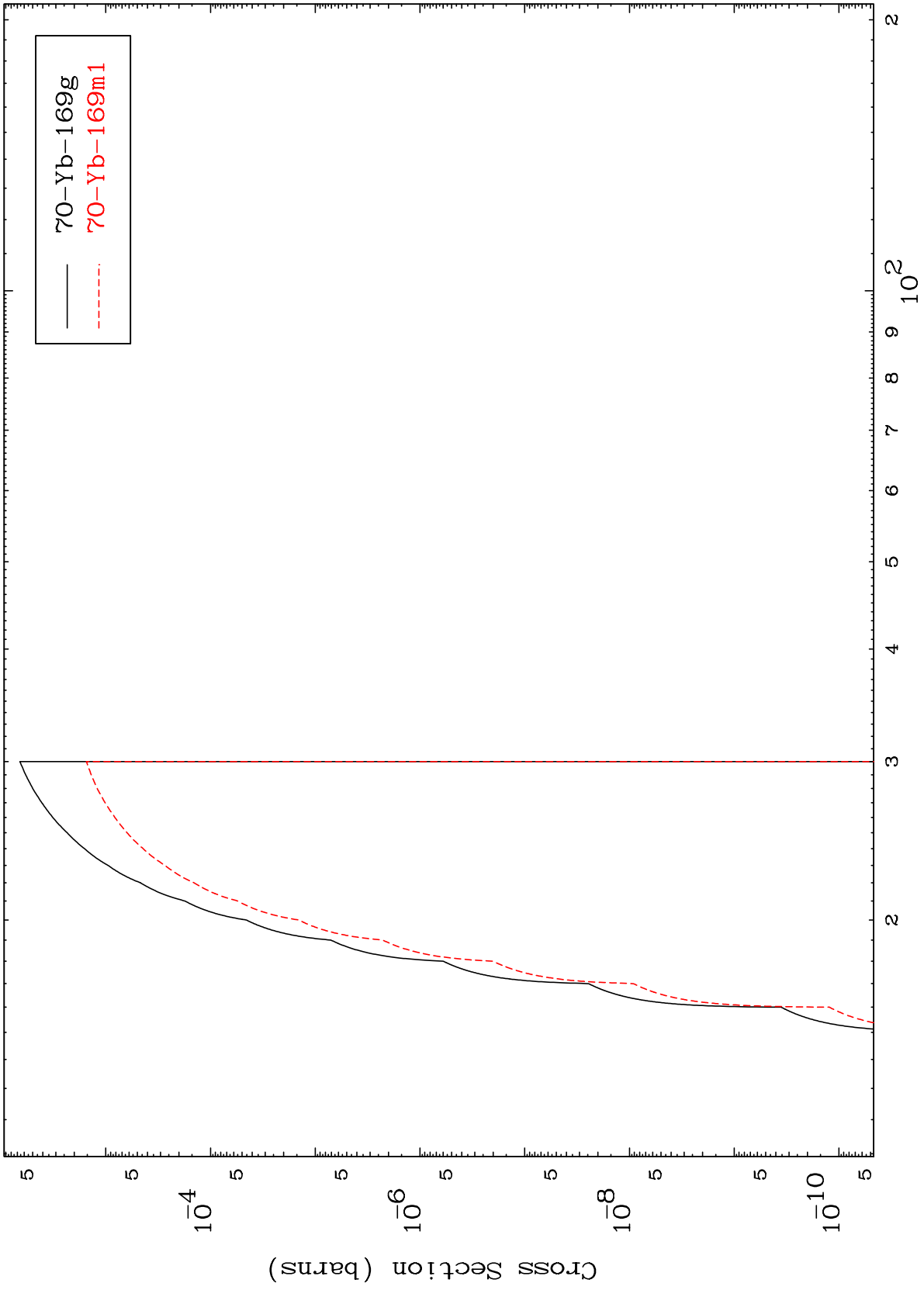
71-Lu-172

MAT 7116

(n,n') t

71-Lu-172

Radionuclide Production Cross Section



128

Incident Energy (MeV)

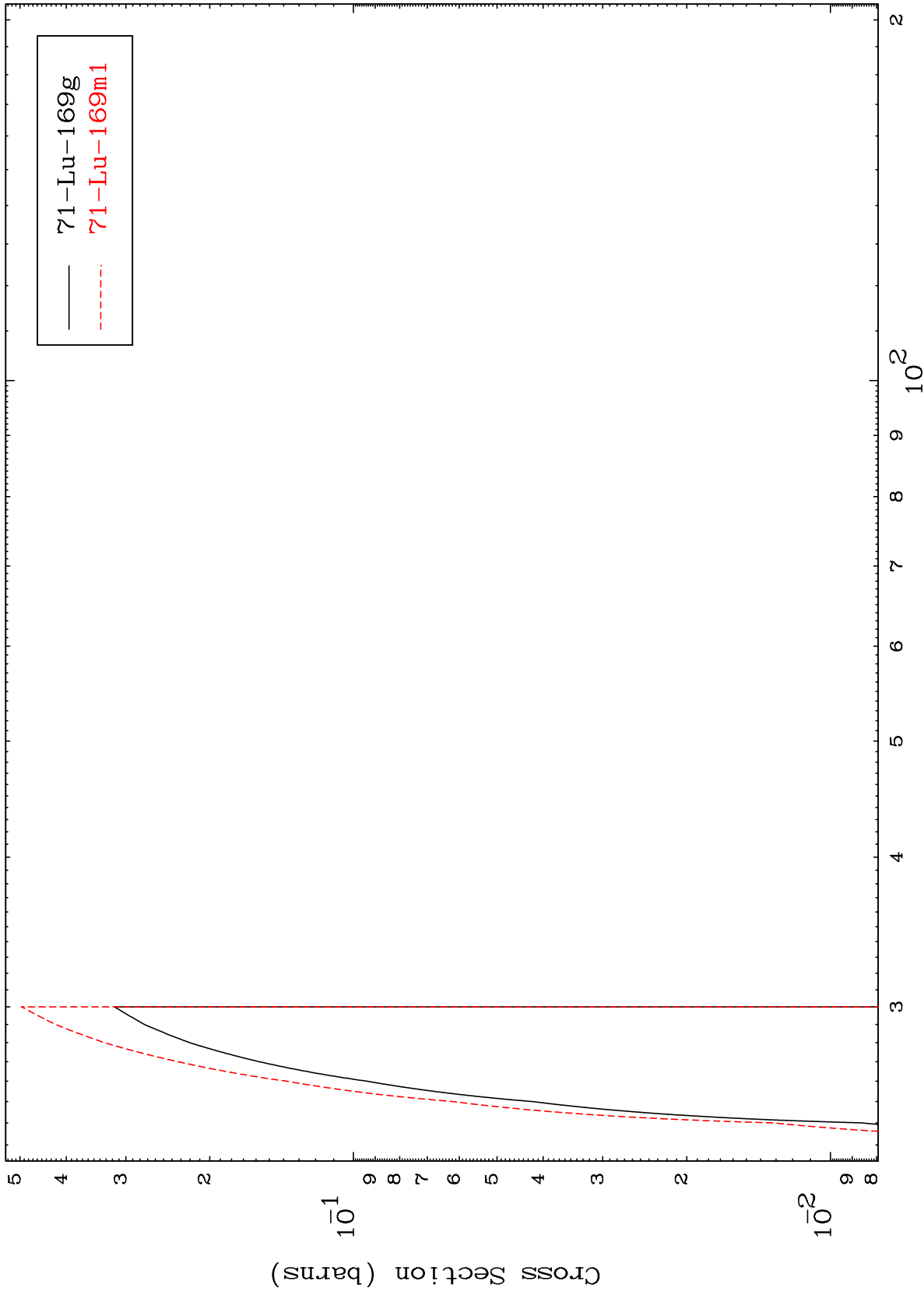
71-Lu-172

MAT 7116

(n,4n)

⁷¹Lu-172

Radionuclide Production Cross Section



129

Incident Energy (MeV)

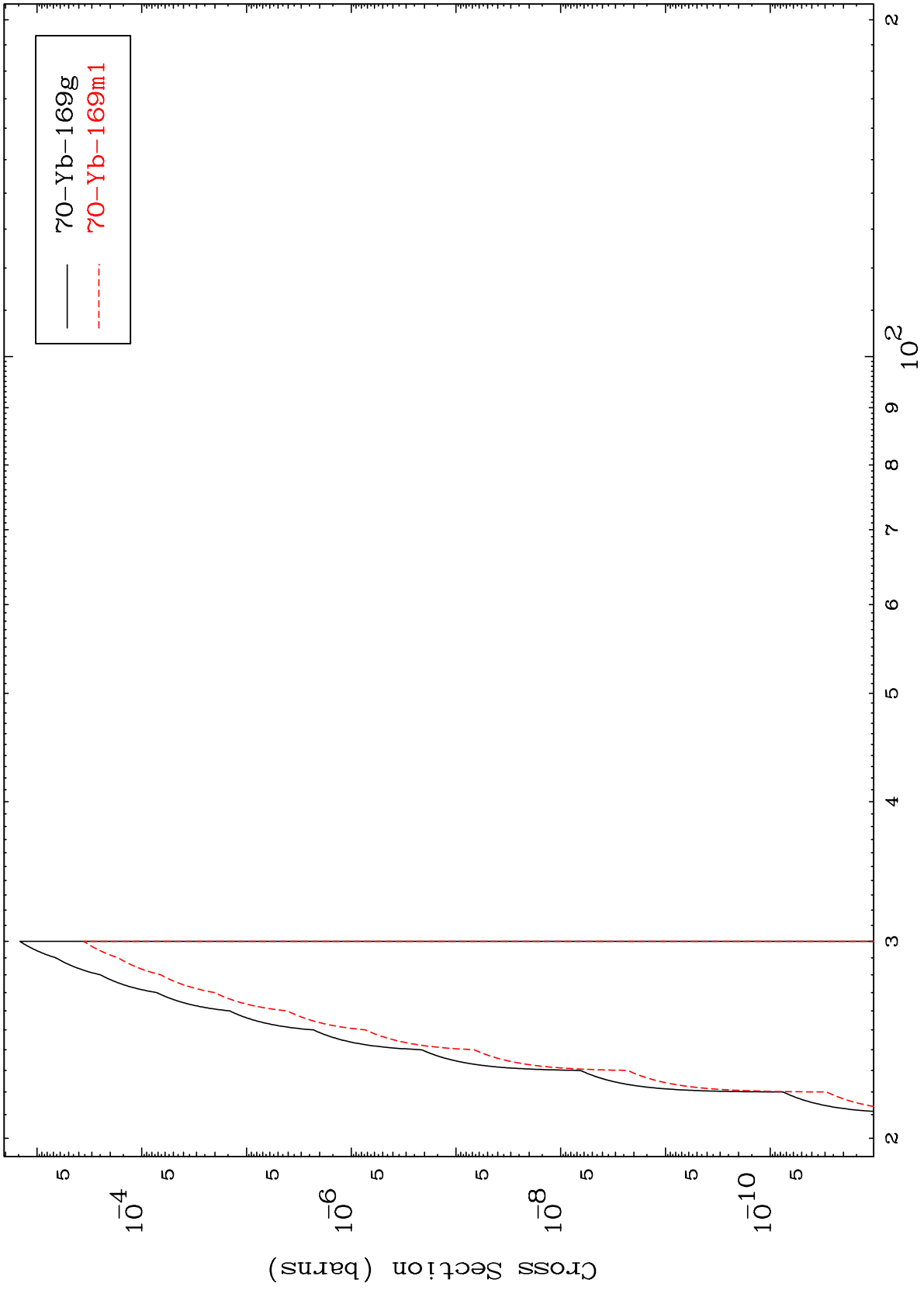
⁷¹Lu-172

MAT 7116

(n,3n) p

71-Lu-172

Radionuclide Production Cross Section



130

Incident Energy (MeV)

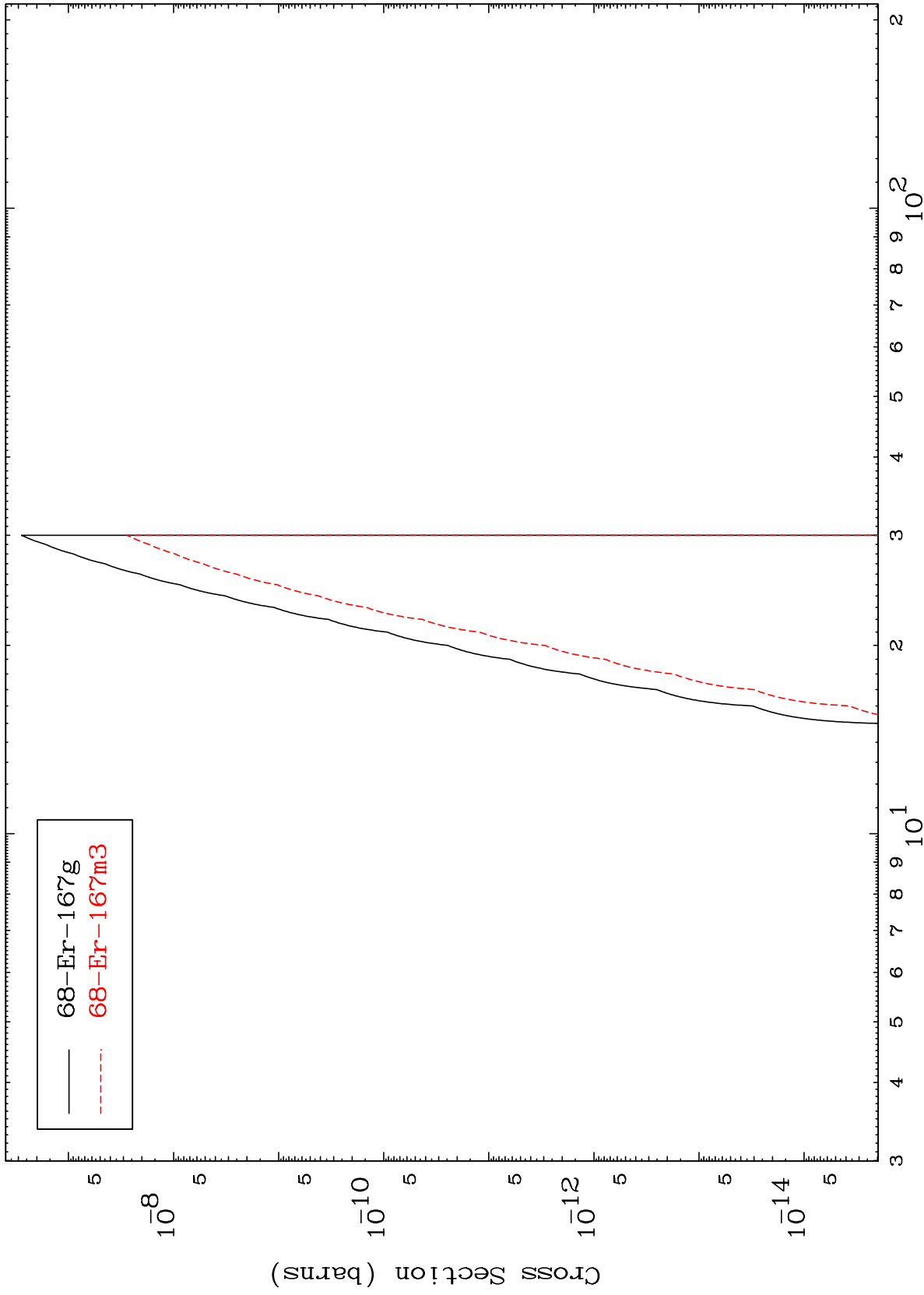
71-Lu-172

MAT 7116

(n,n') p α

71-Lu-172

Radionuclide Production Cross Section



131

Incident Energy (MeV)

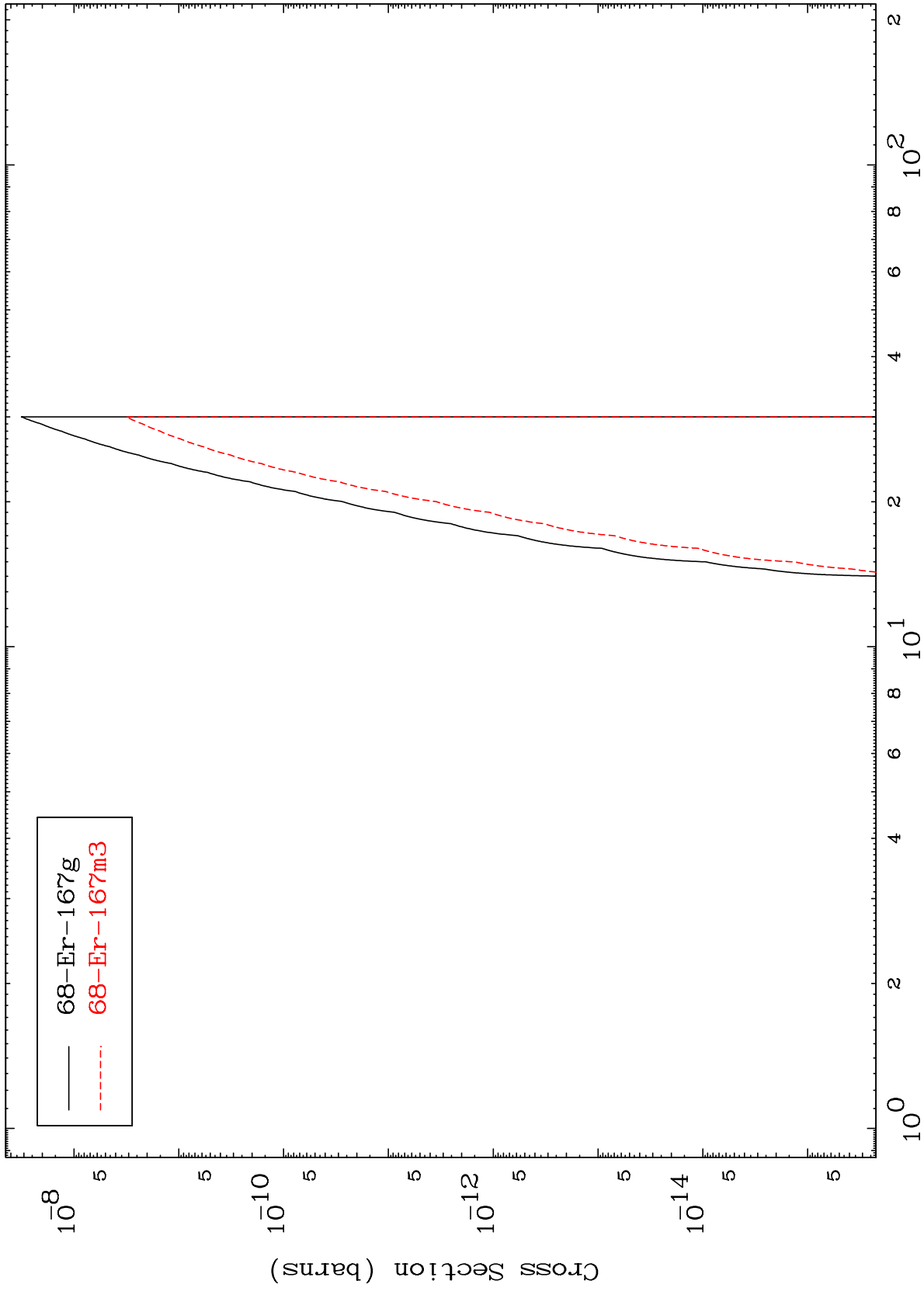
71-Lu-172

MAT 7116

(n,d) α

71-Lu-172

Radionuclide Production Cross Section



132

Incident Energy (MeV)

71-Lu-172