

Program EVALPLOT
(Version 2018-1)

by

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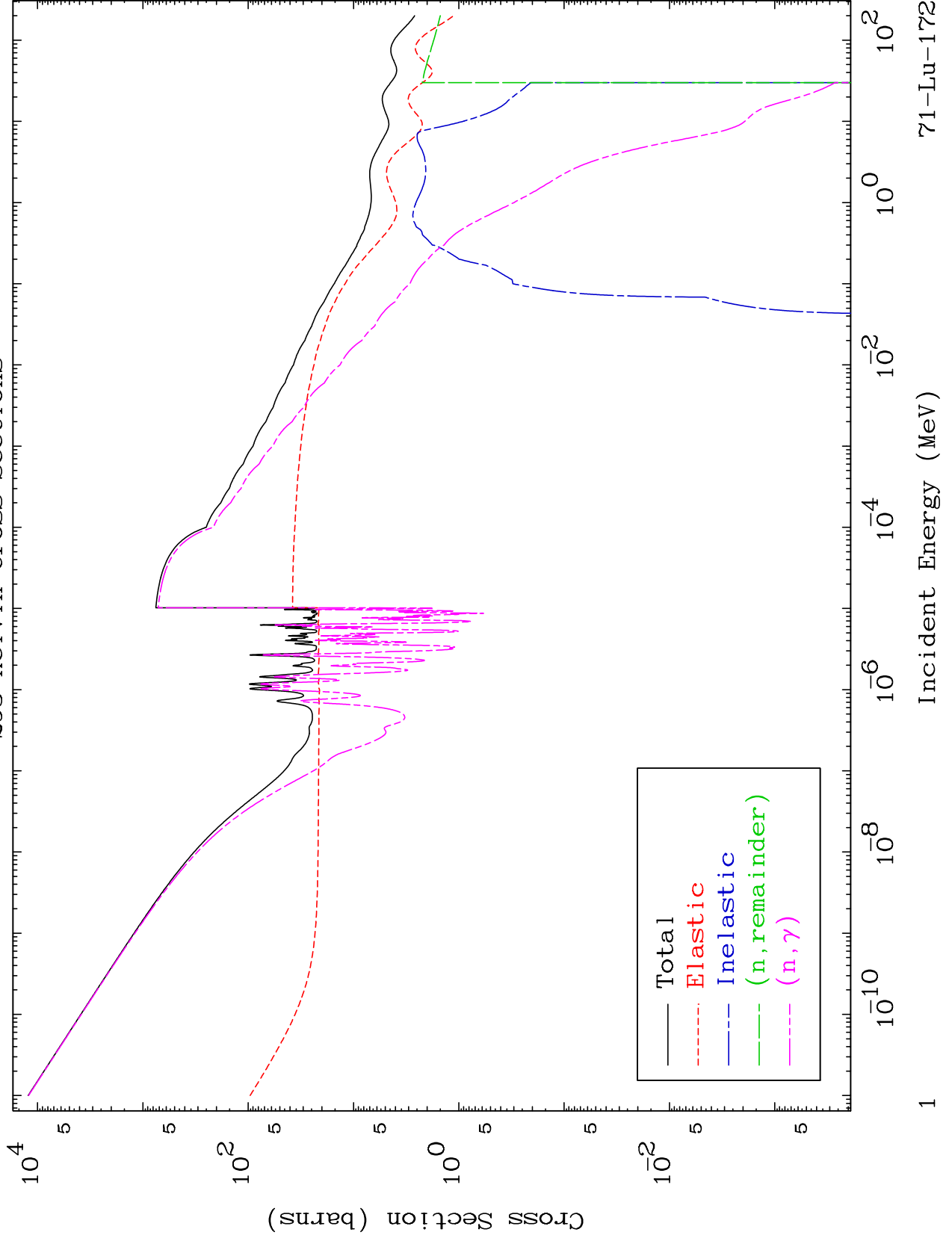
Press Mouse Button to Start

MAT 7116

Major

293 Kelvin Cross Sections

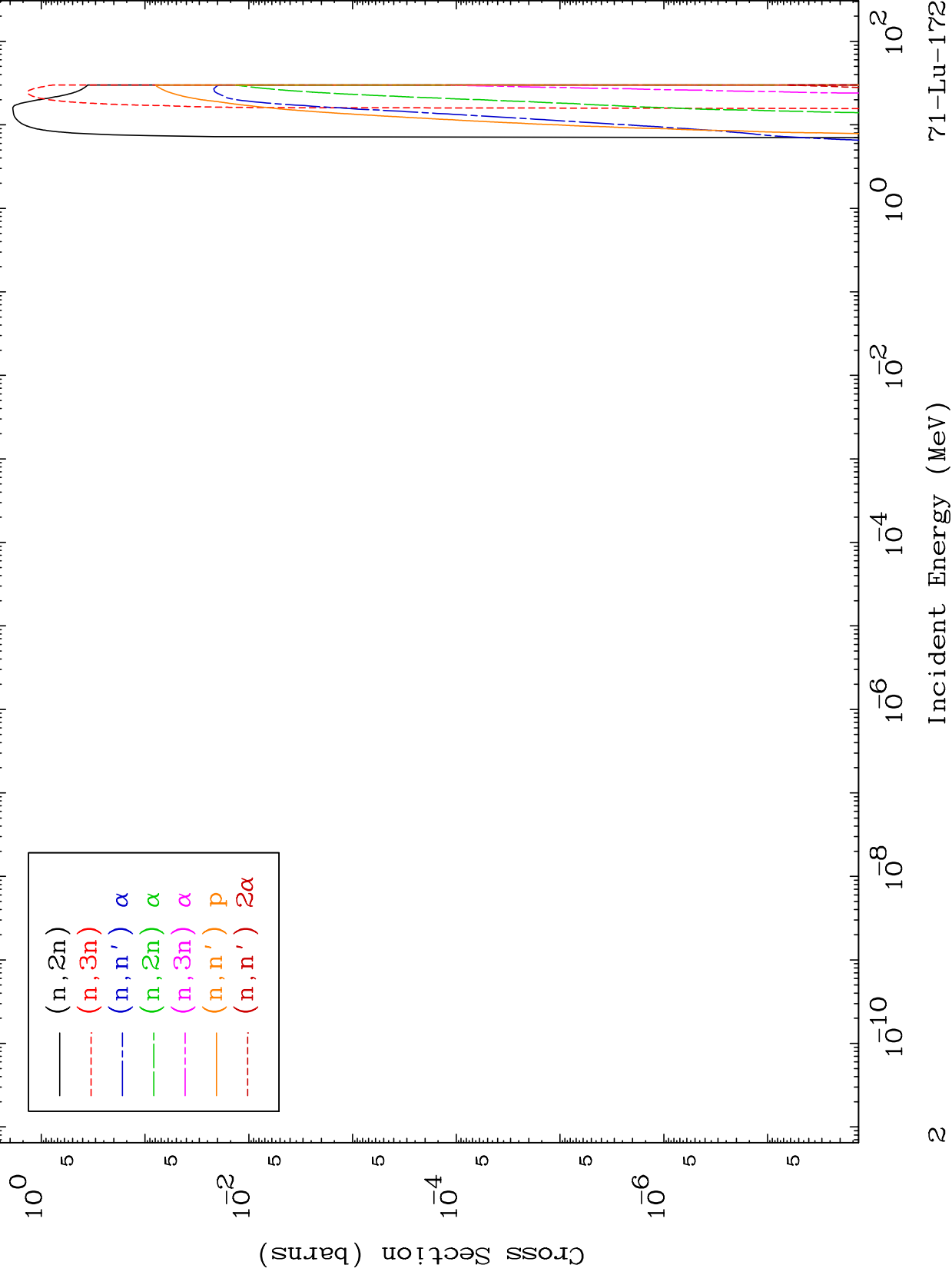
71-Lu-172



MAT 7116

Neutron Production
293 Kelvin Cross Sections

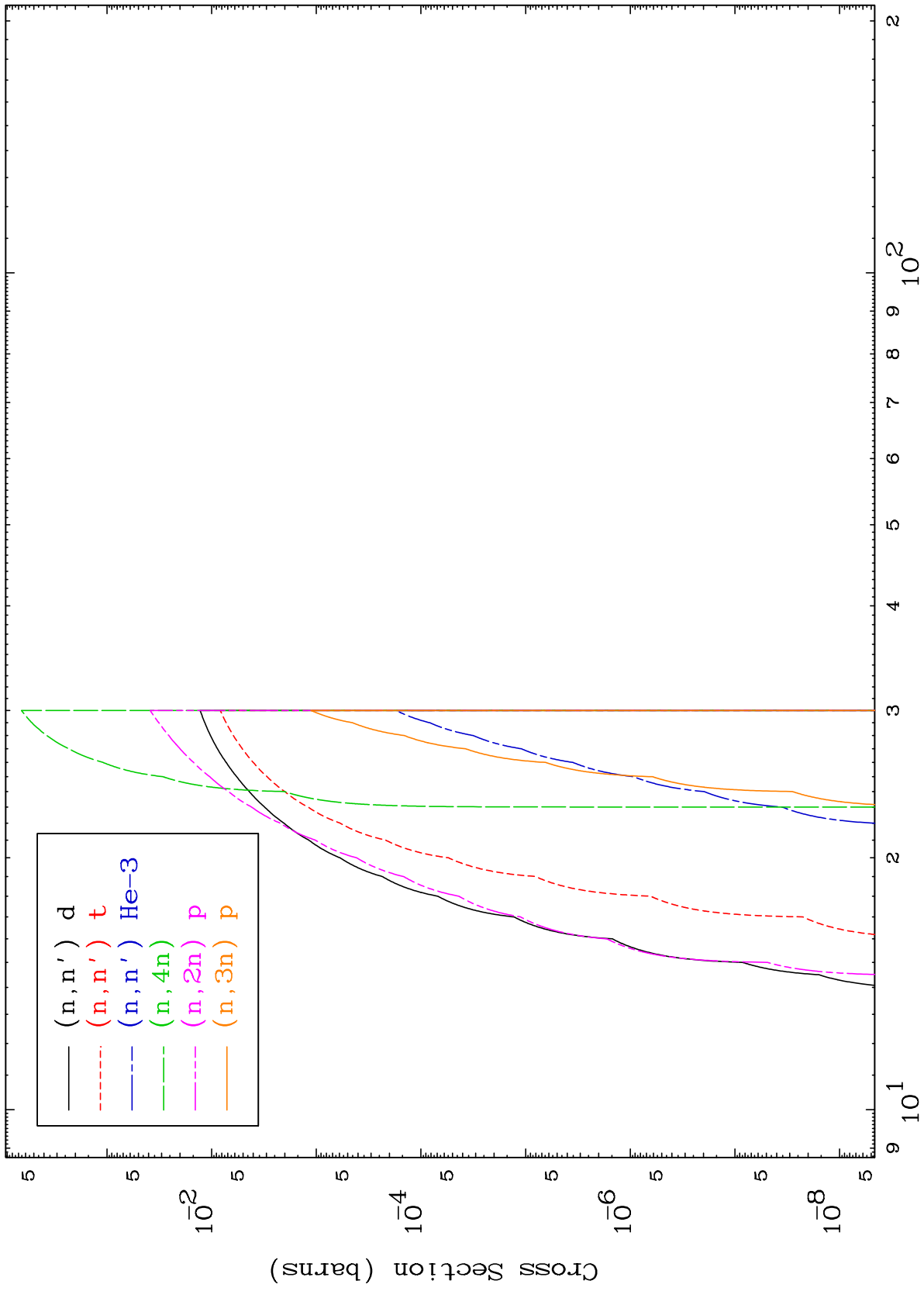
71-Lu-172



MAT 7116

Neutron Production
293 Kelvin Cross Sections

71-Lu-172



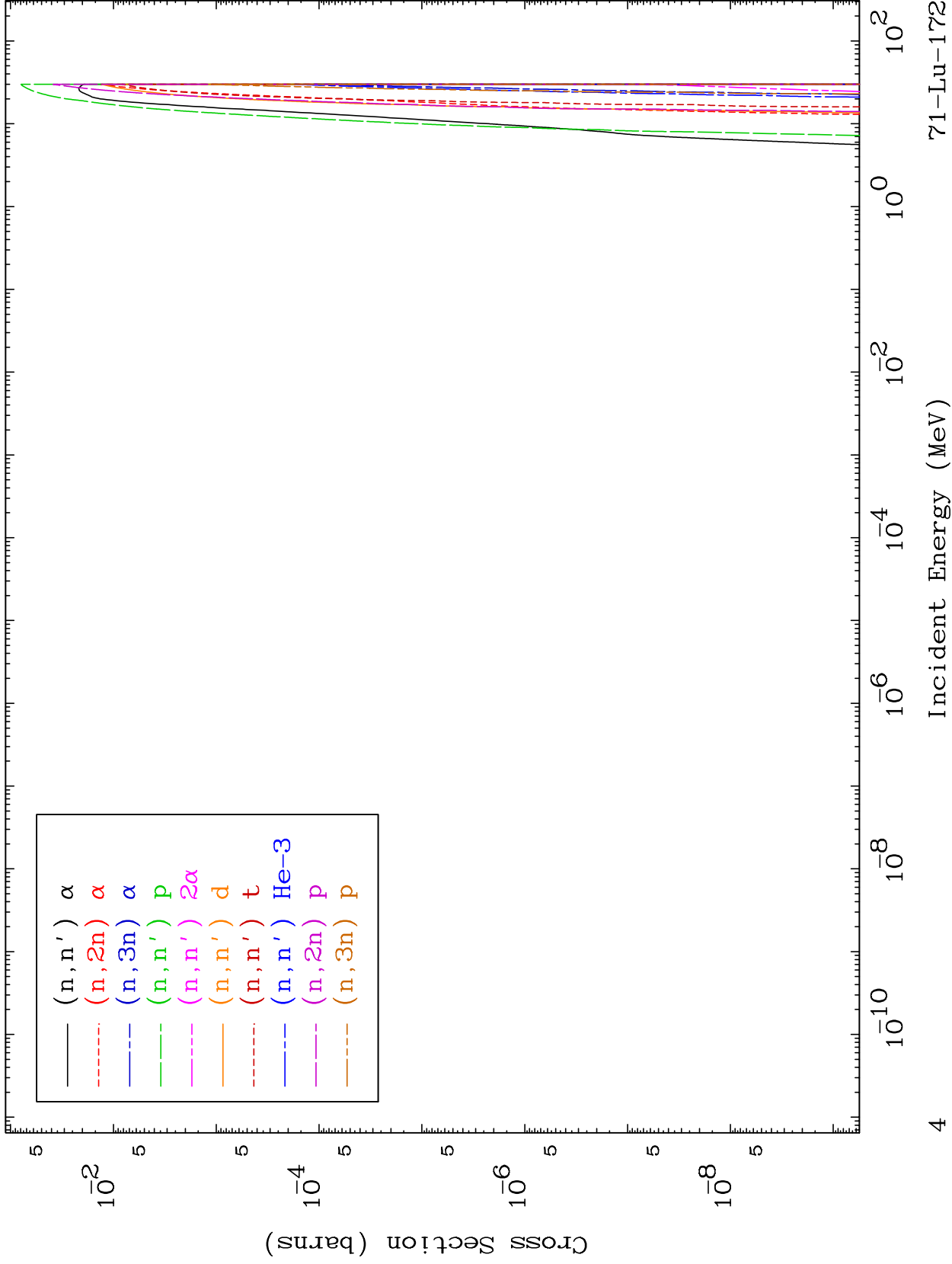
Incident Energy (MeV)

71-Lu-172

MAT 7116

Charged Particle
293 Kelvin Cross Sections

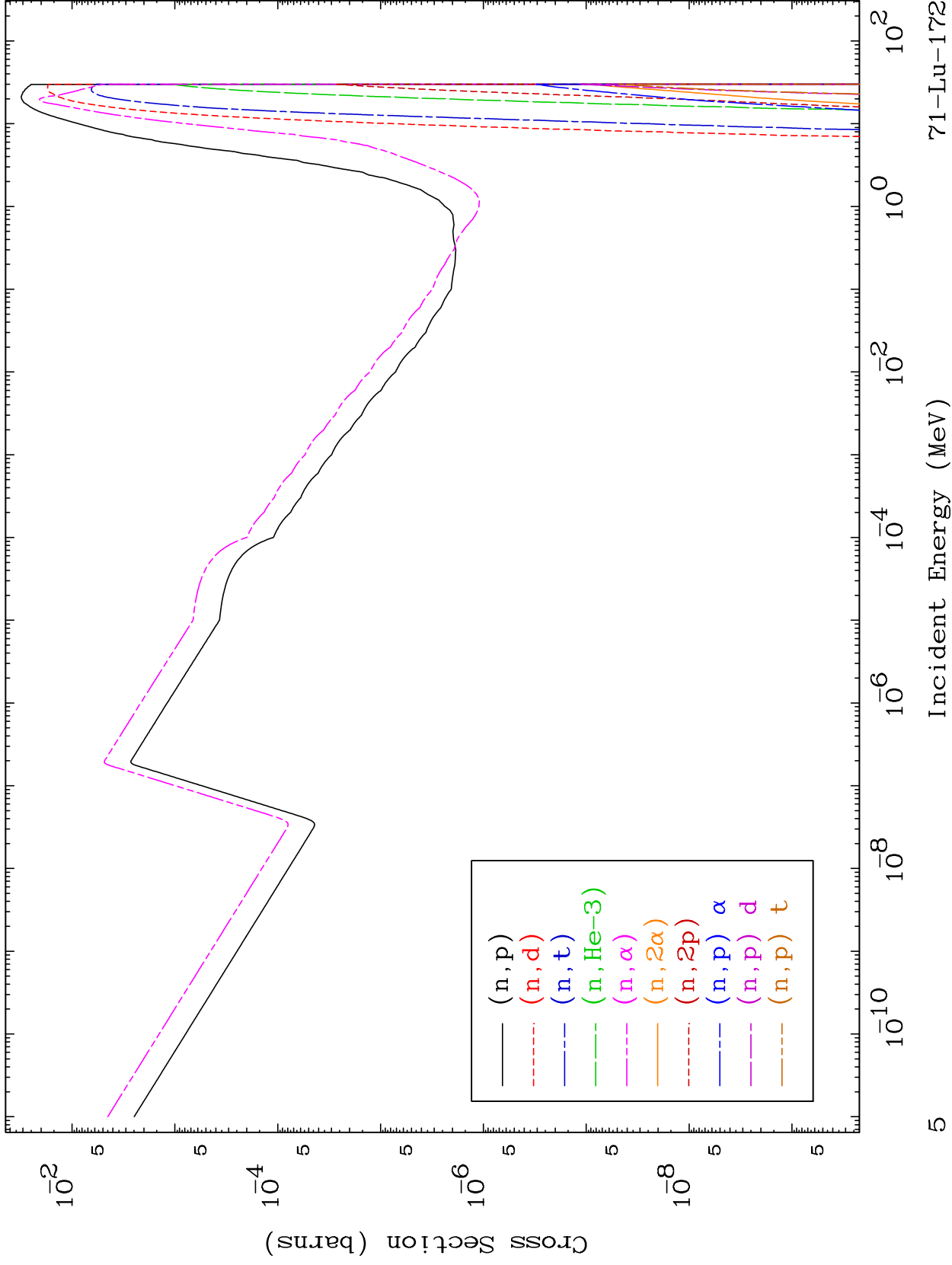
71-Lu-172

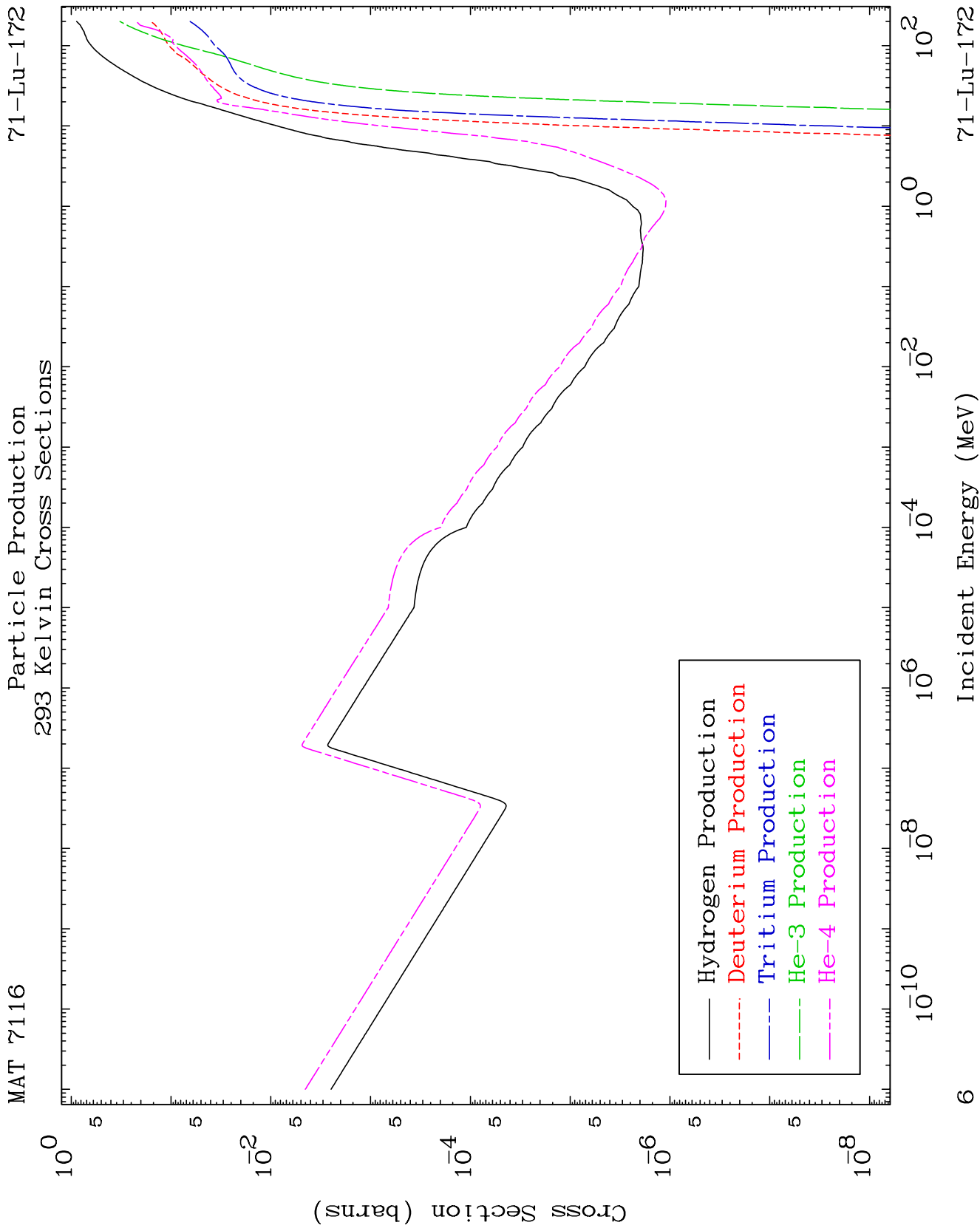


MAT 7116

Charged Particle
293 Kelvin Cross Sections

71-Lu-172



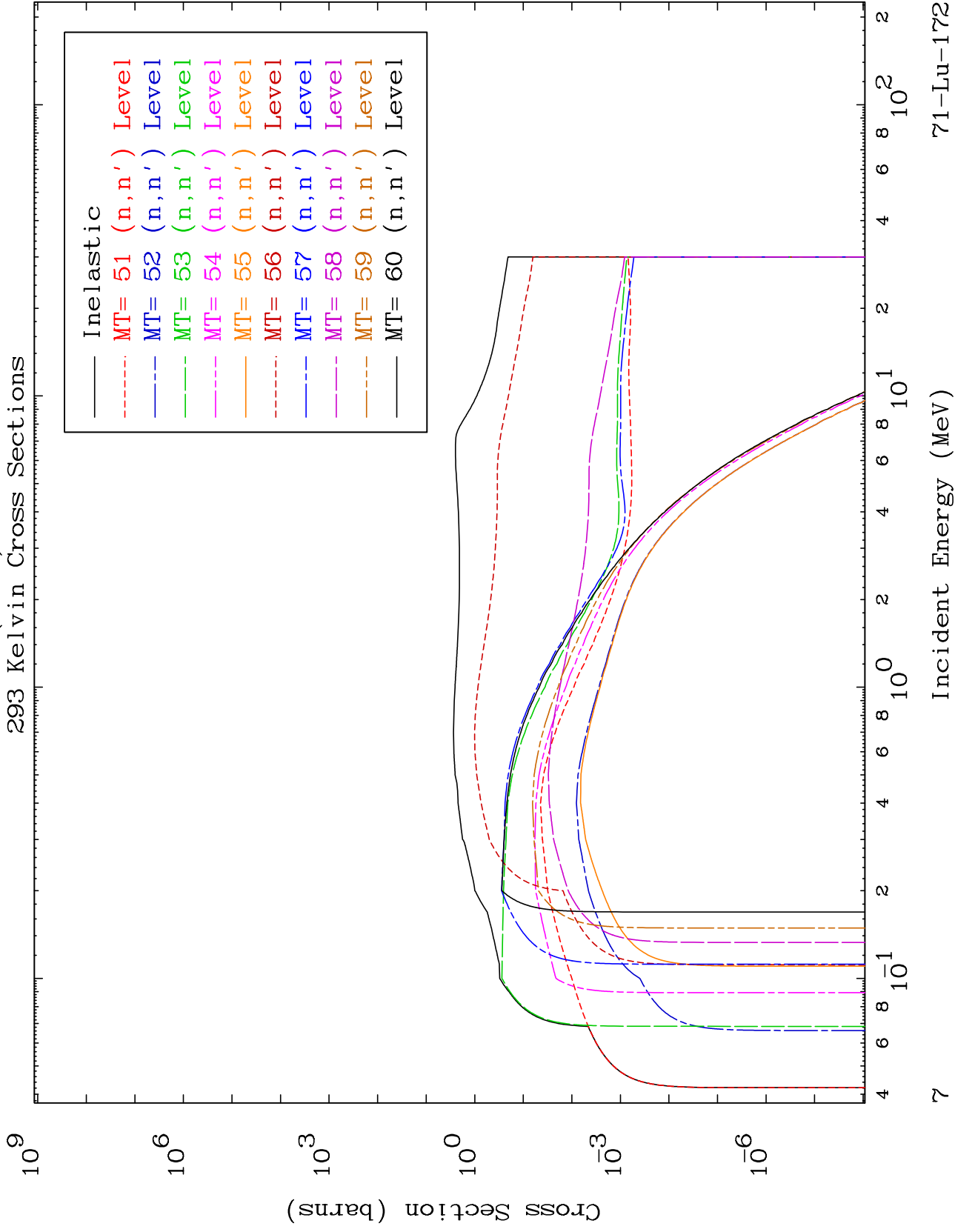


MAT 7116

(n,n') Level

71-Lu-172

293 Kelvin Cross Sections

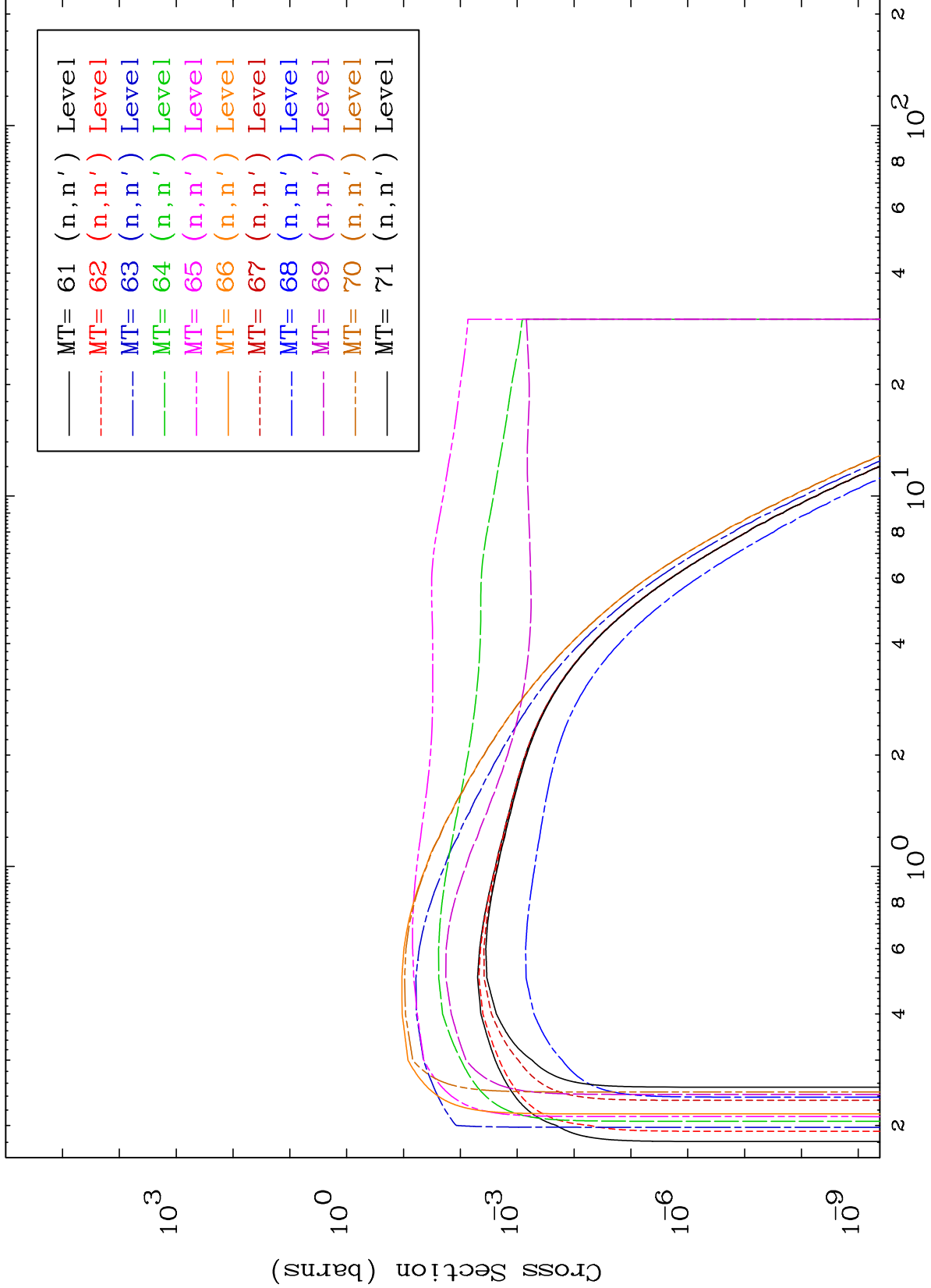


MAT 7116

(n,n') Level

71-Lu-172

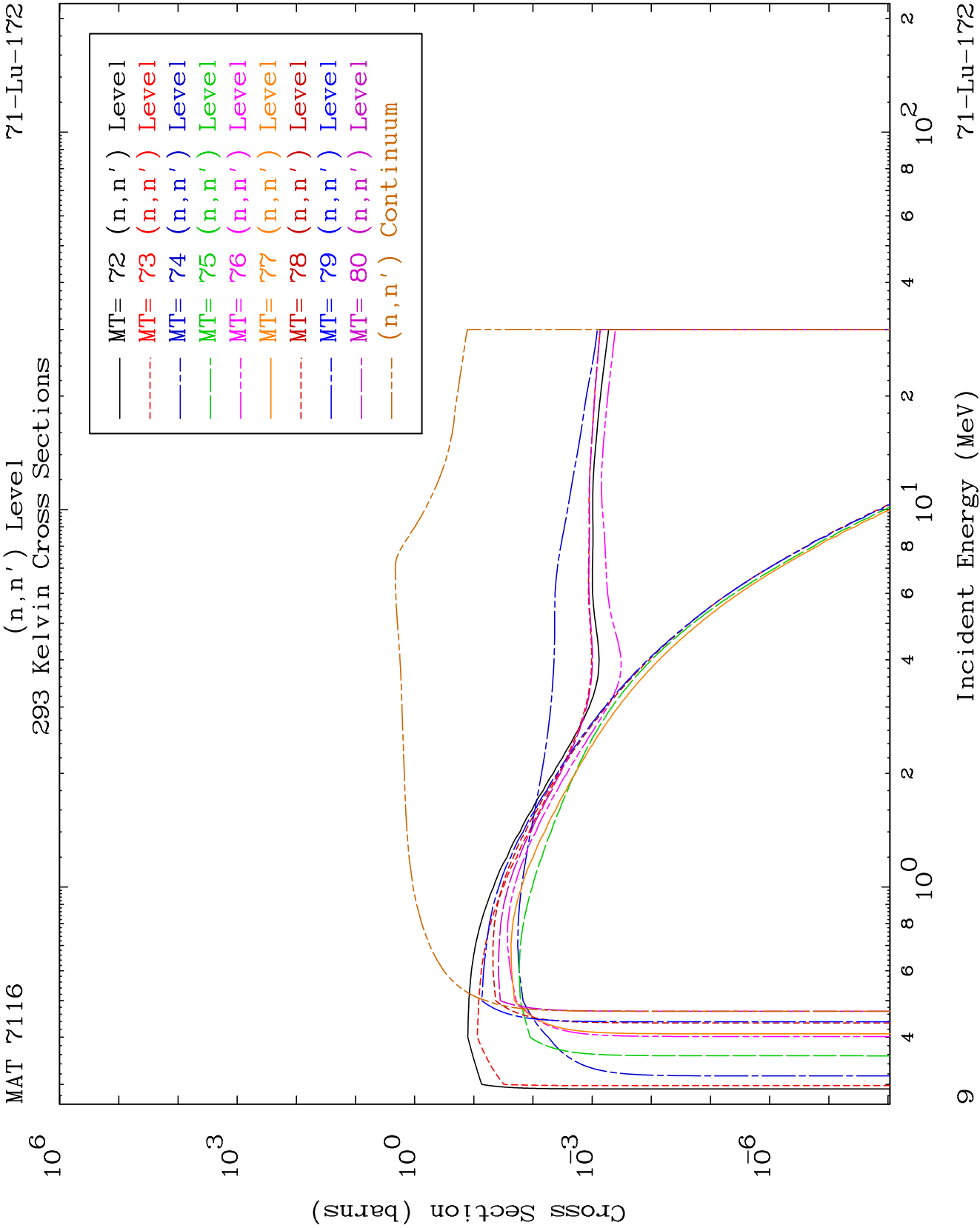
293 Kelvin Cross Sections



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Incident Energy (MeV)

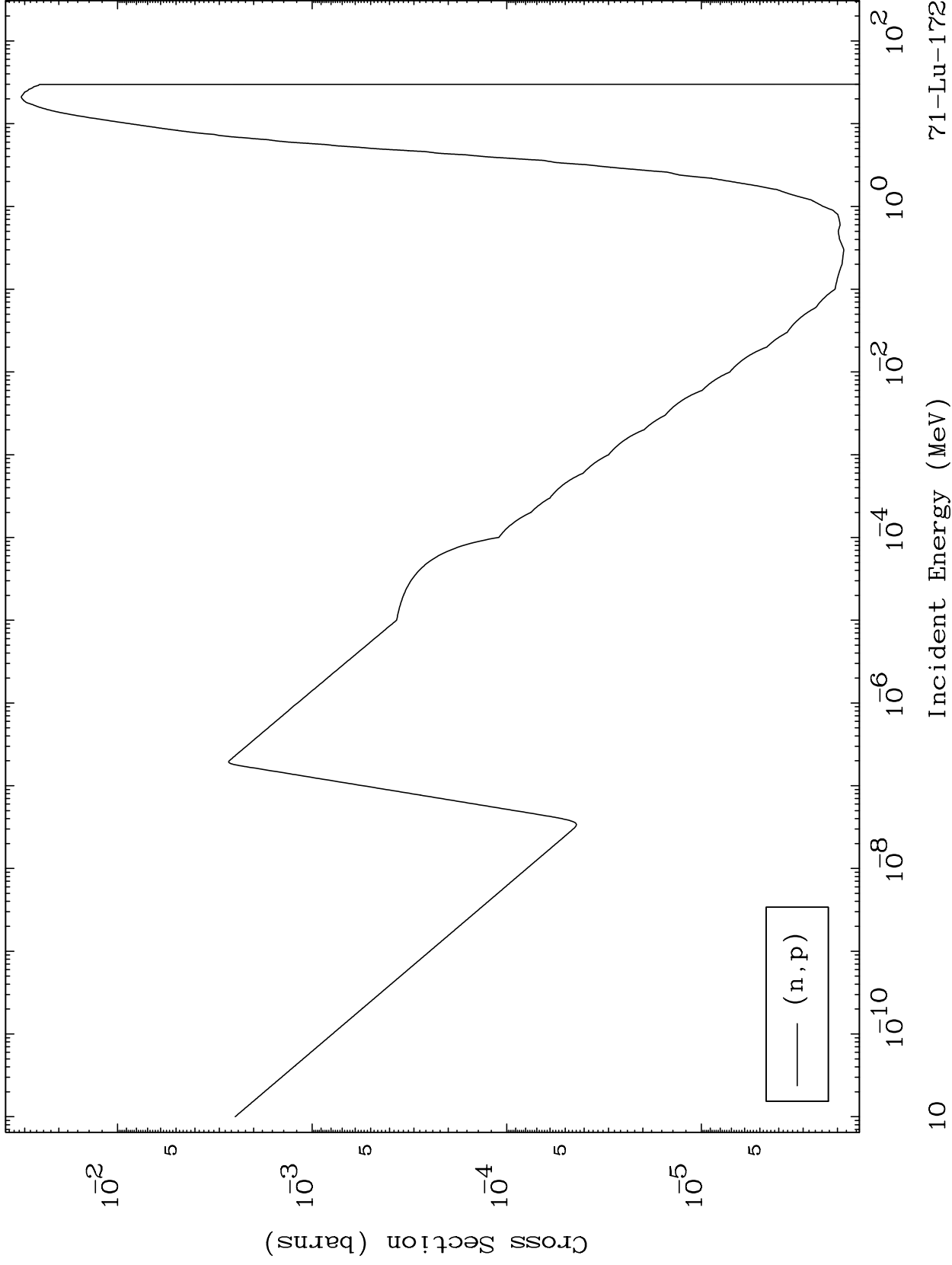
71-Lu-172



MAT 7116

(n,p) Levels
293 Kelvin Cross Sections

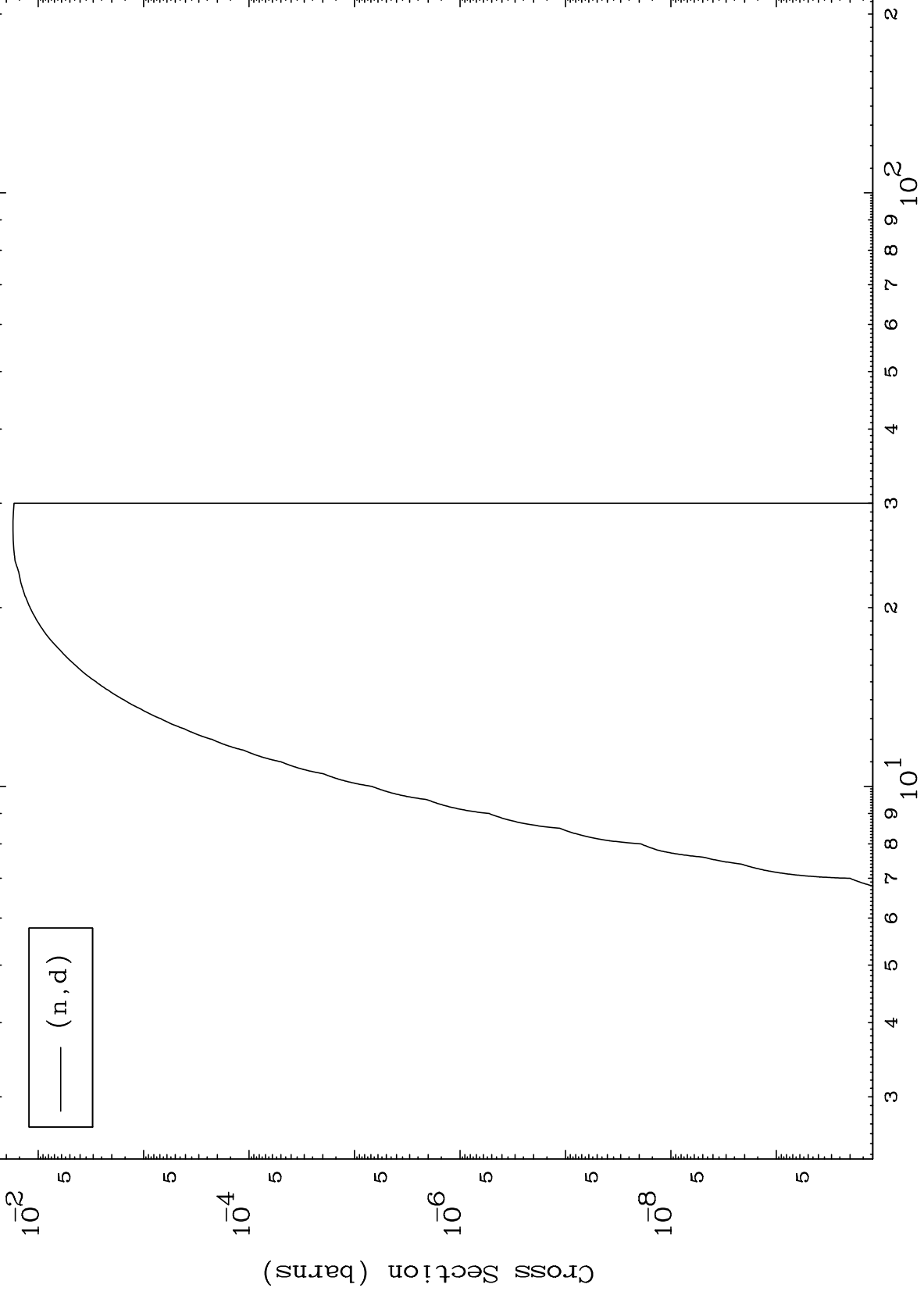
71-Lu-172



MAT 7116

(n,d) Levels
293 Kelvin Cross Sections

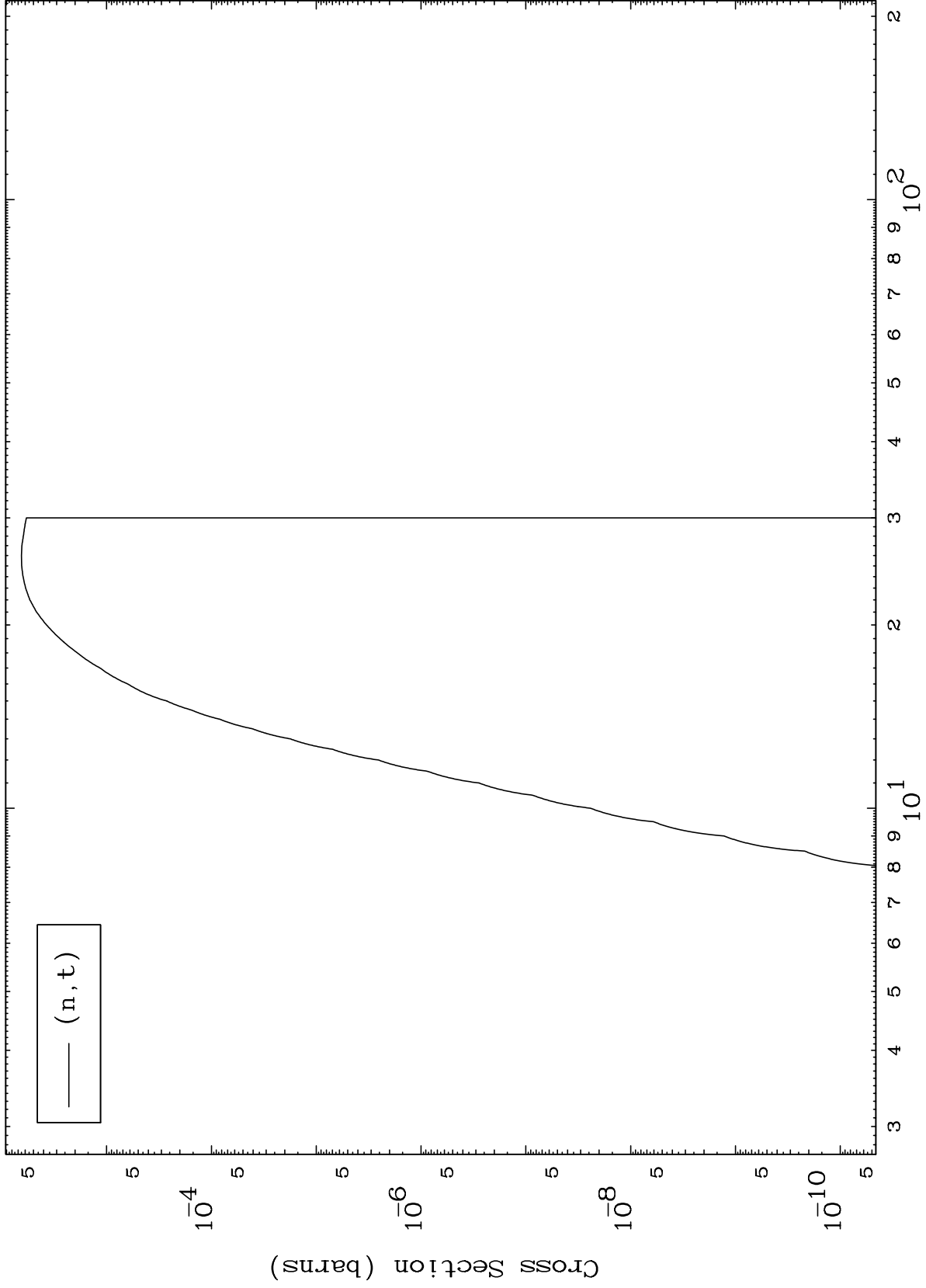
71-Lu-172



MAT 7116

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-172



12

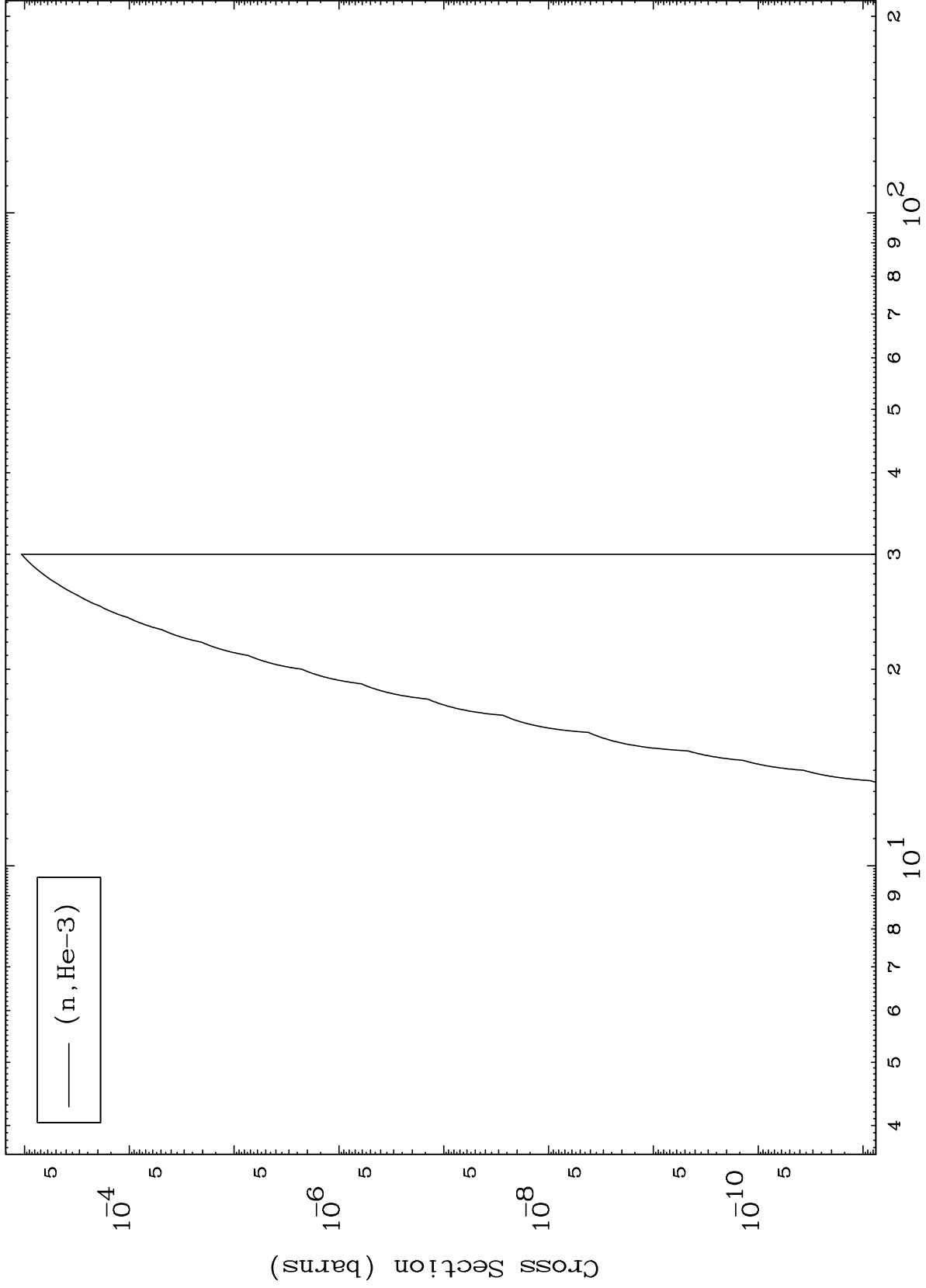
Incident Energy (MeV)

71-Lu-172

MAT 7116

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-172



13

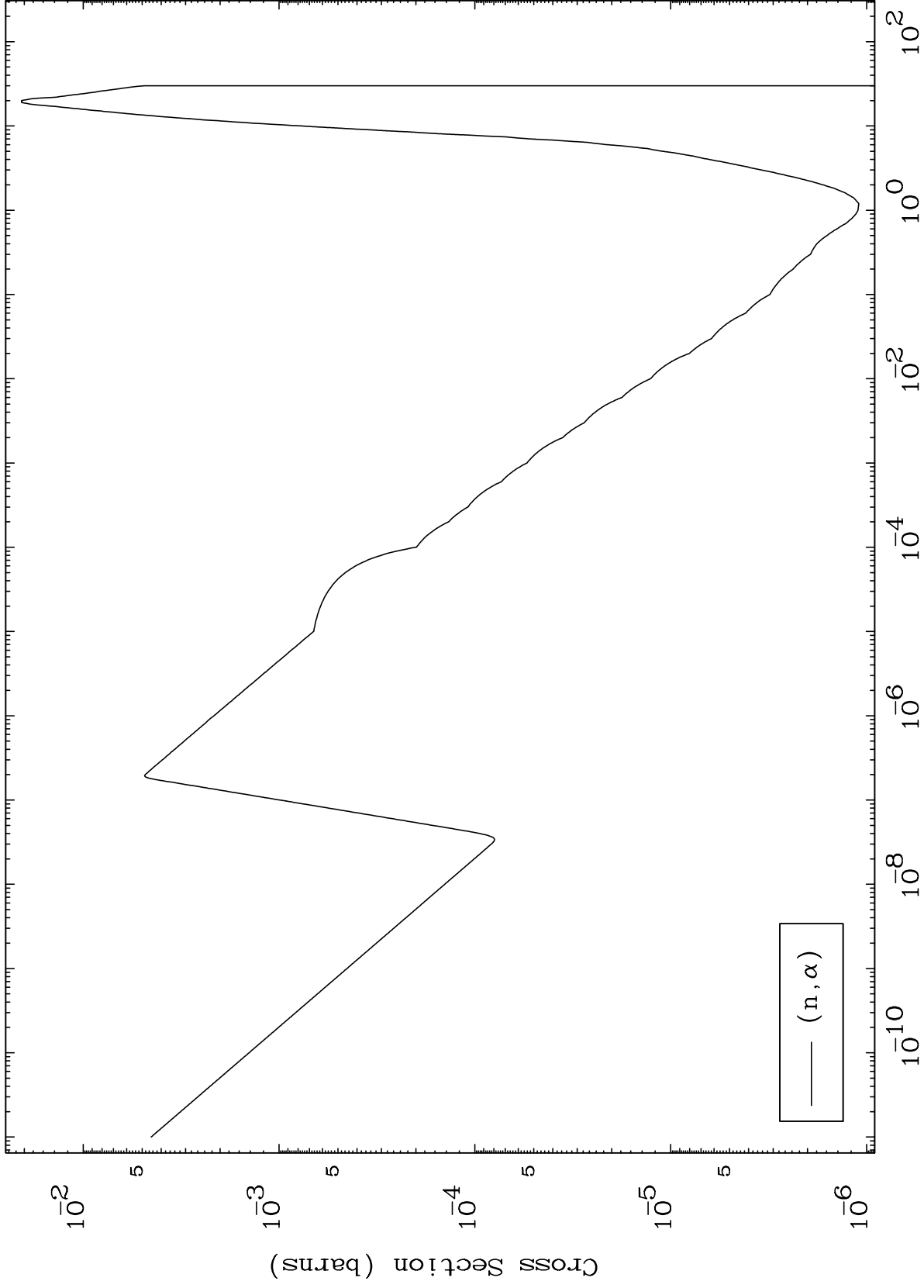
Incident Energy (MeV)

71-Lu-172

MAT 7116

(n,α) Levels
293 Kelvin Cross Sections

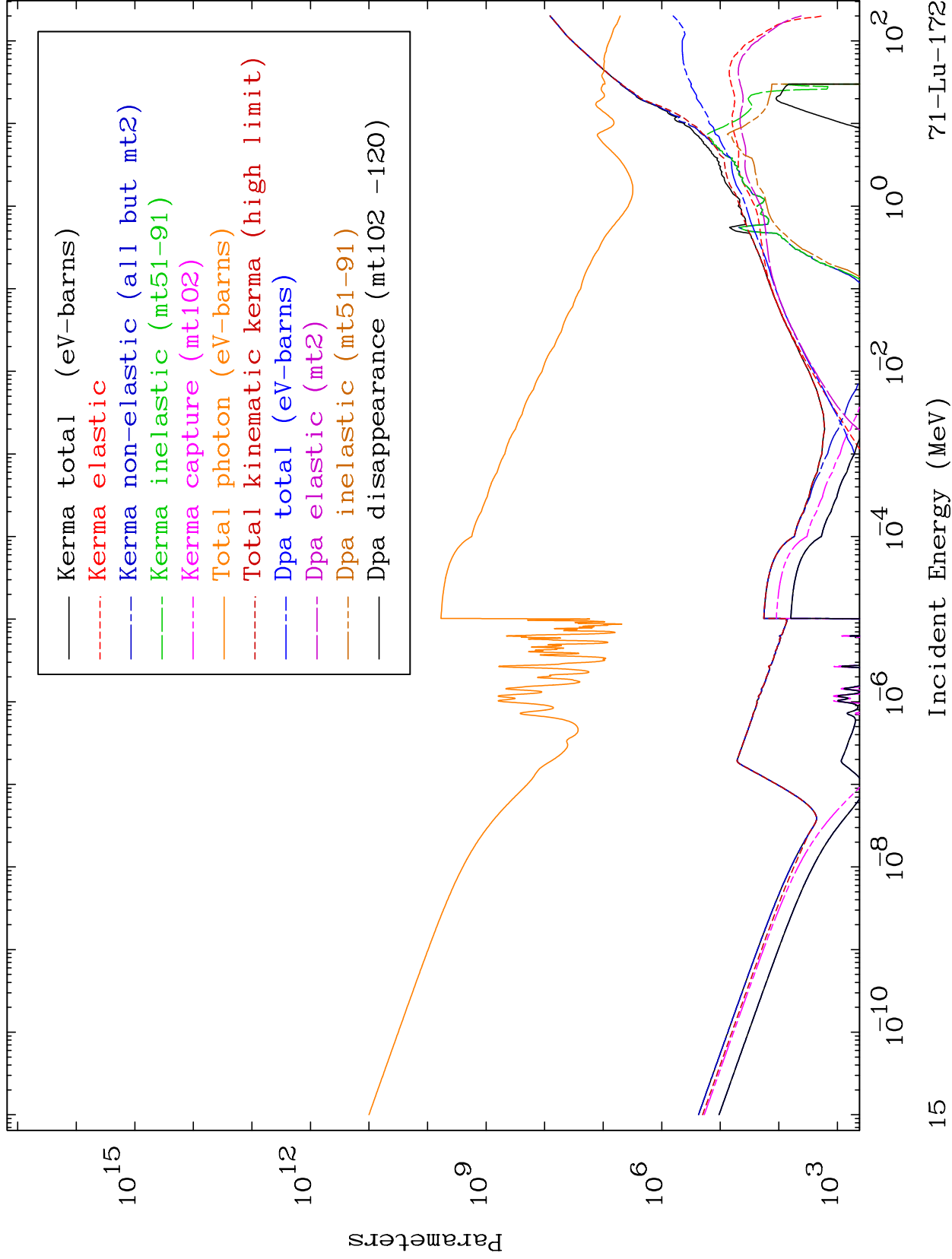
71-Lu-172

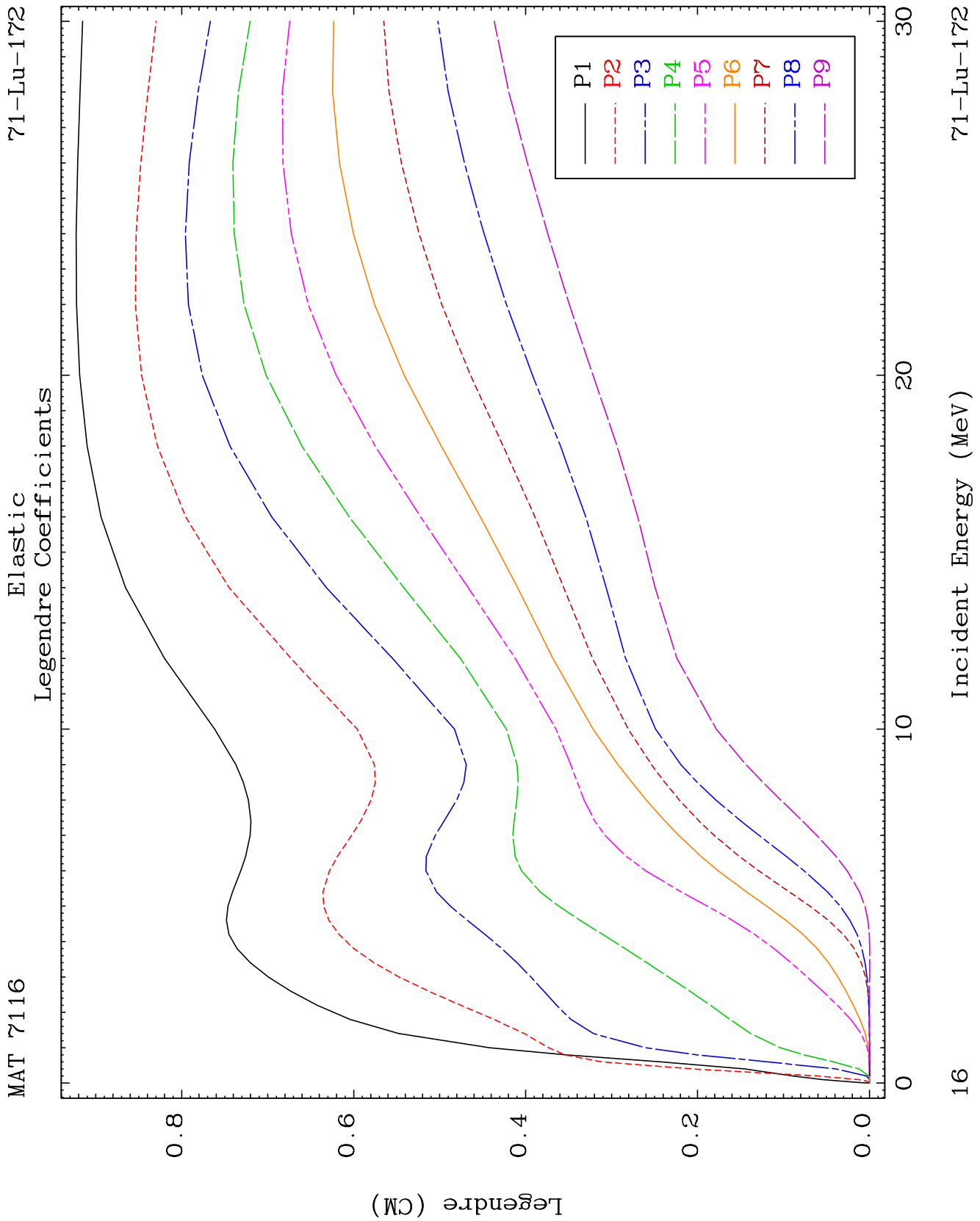


14

Incident Energy (MeV)

71-Lu-172

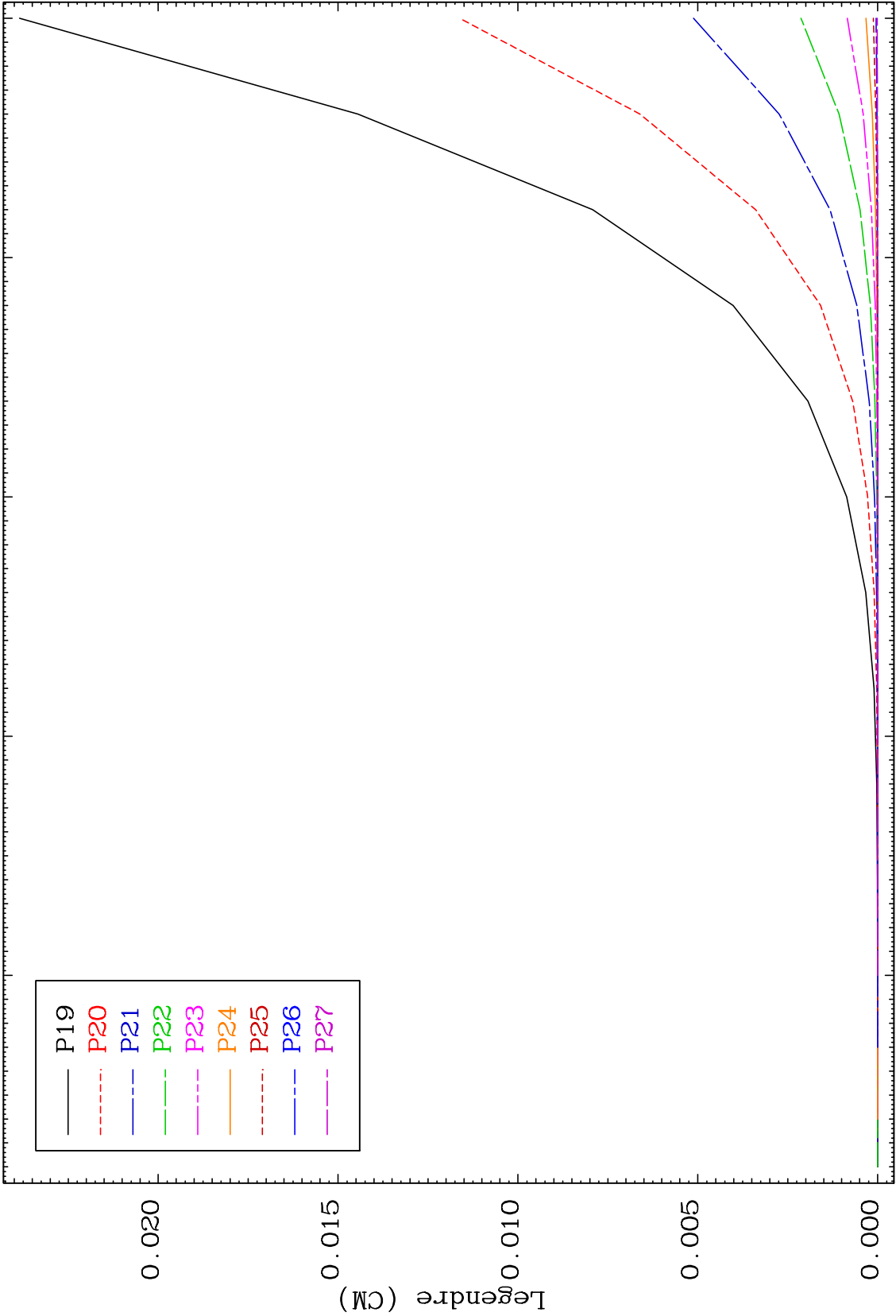




MAT 7116

Elastic Legendre Coefficients

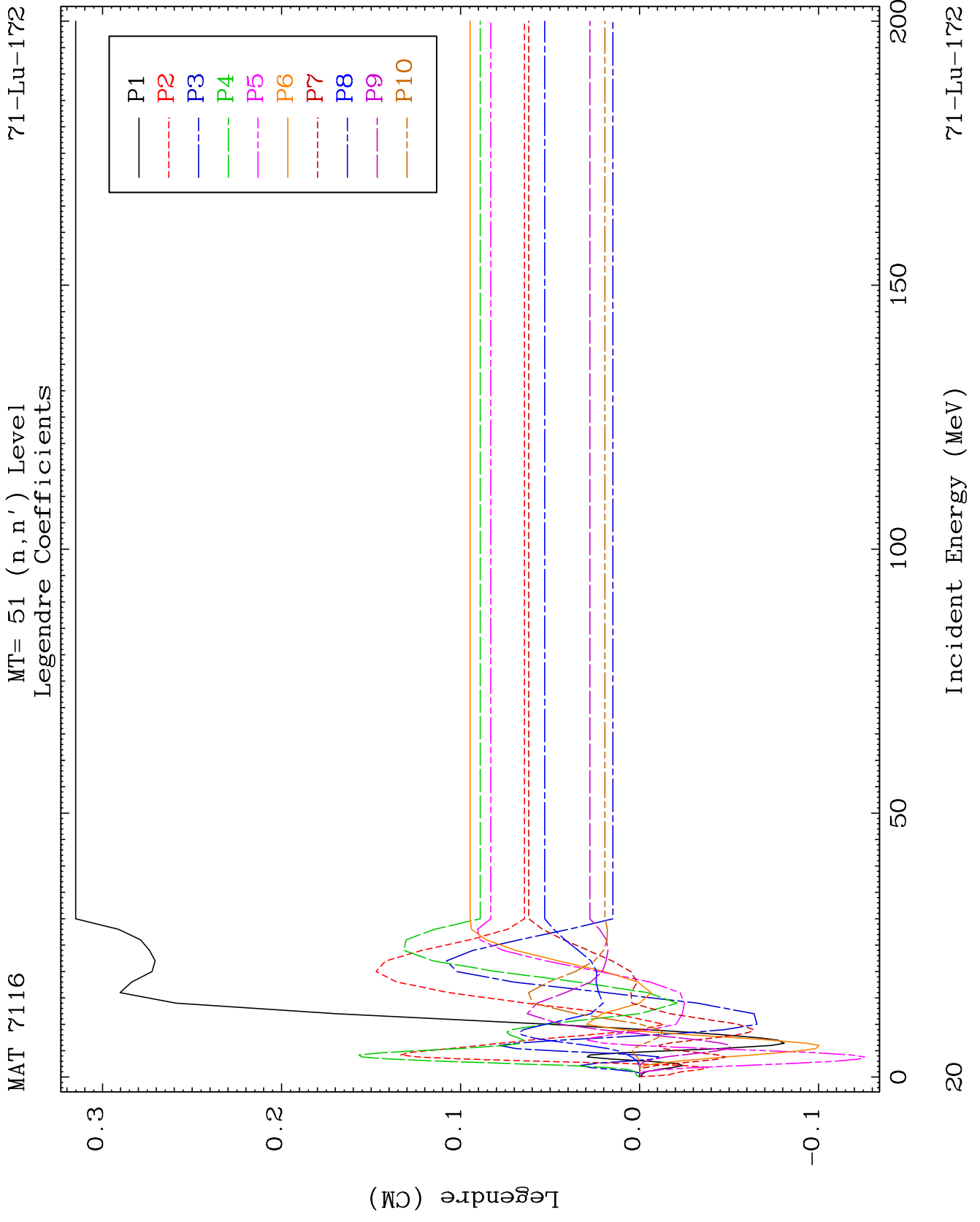
71-Lu-172



18

Incident Energy (MeV)

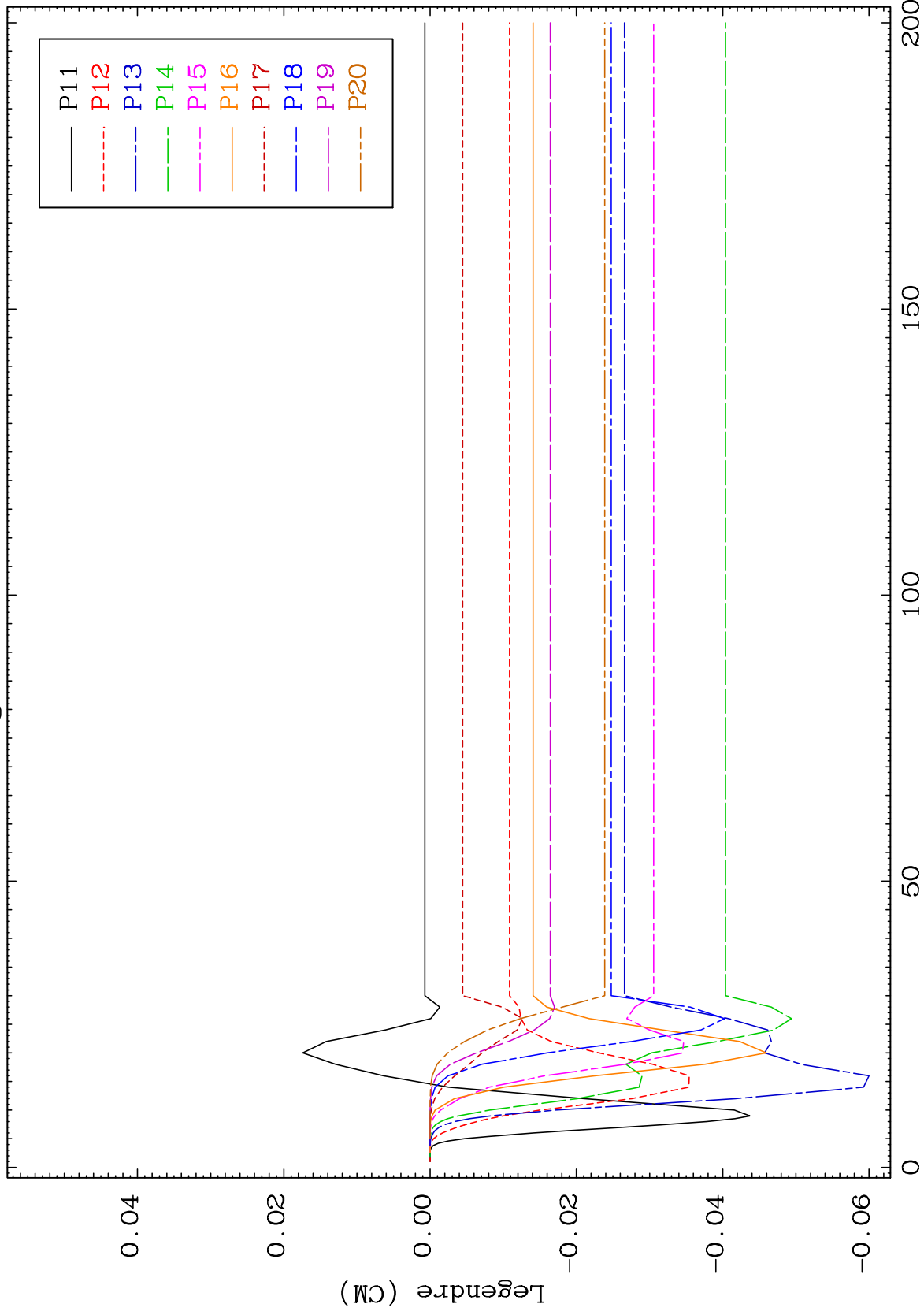
71-Lu-172



MAT 7116

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

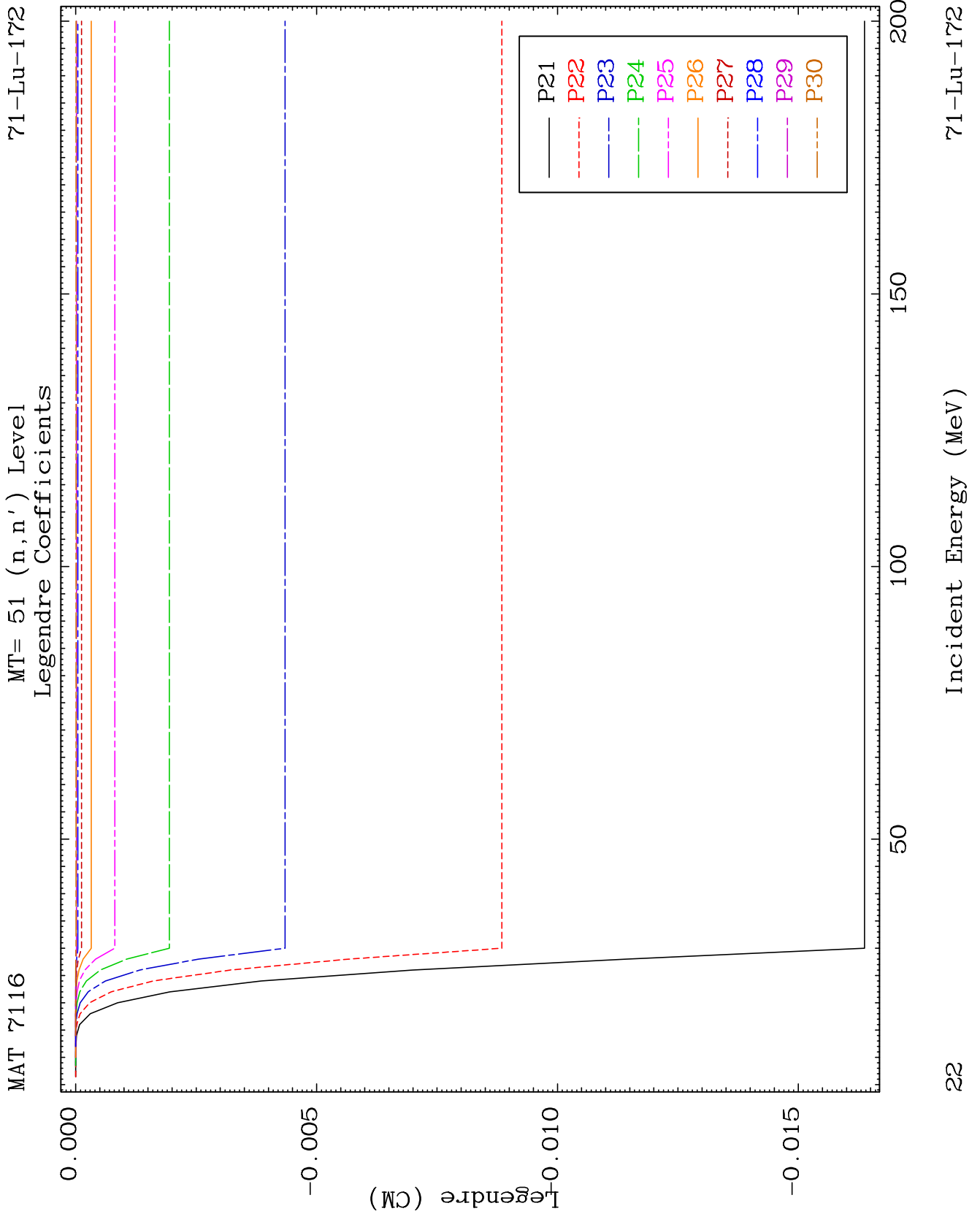
71-Lu-172

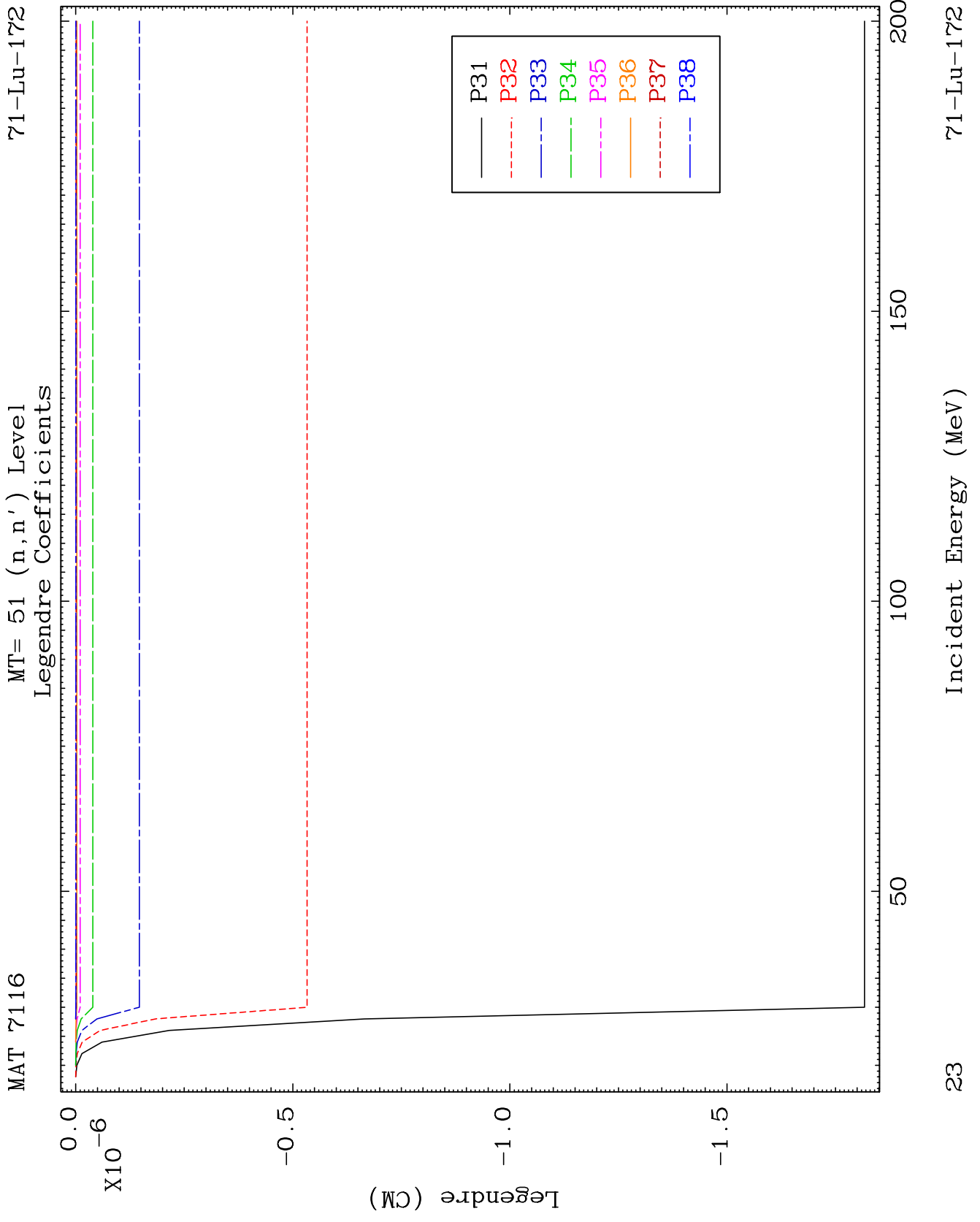


21

Incident Energy (MeV)

71-Lu-172

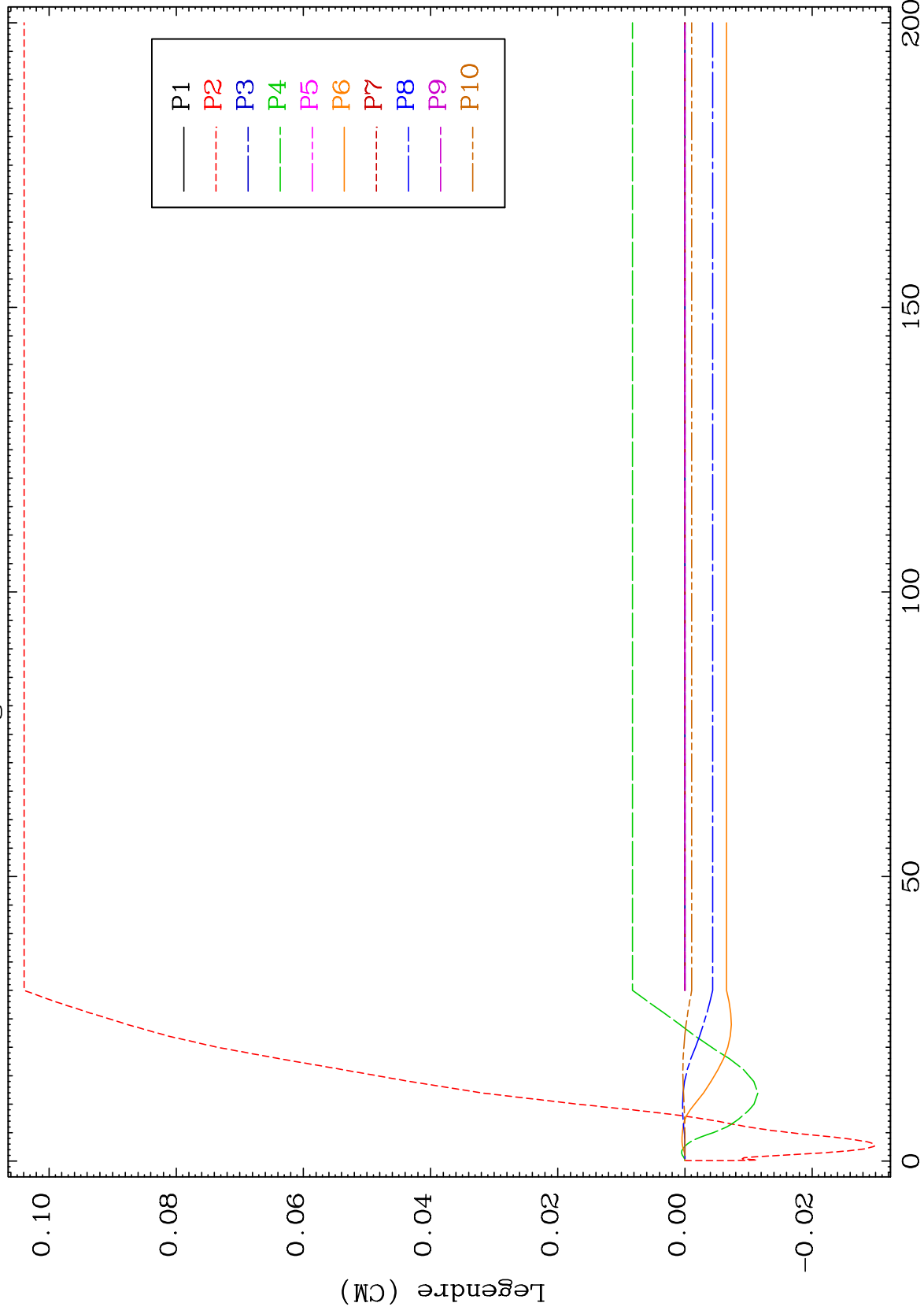




MAT 7116

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

71-Lu-172



24

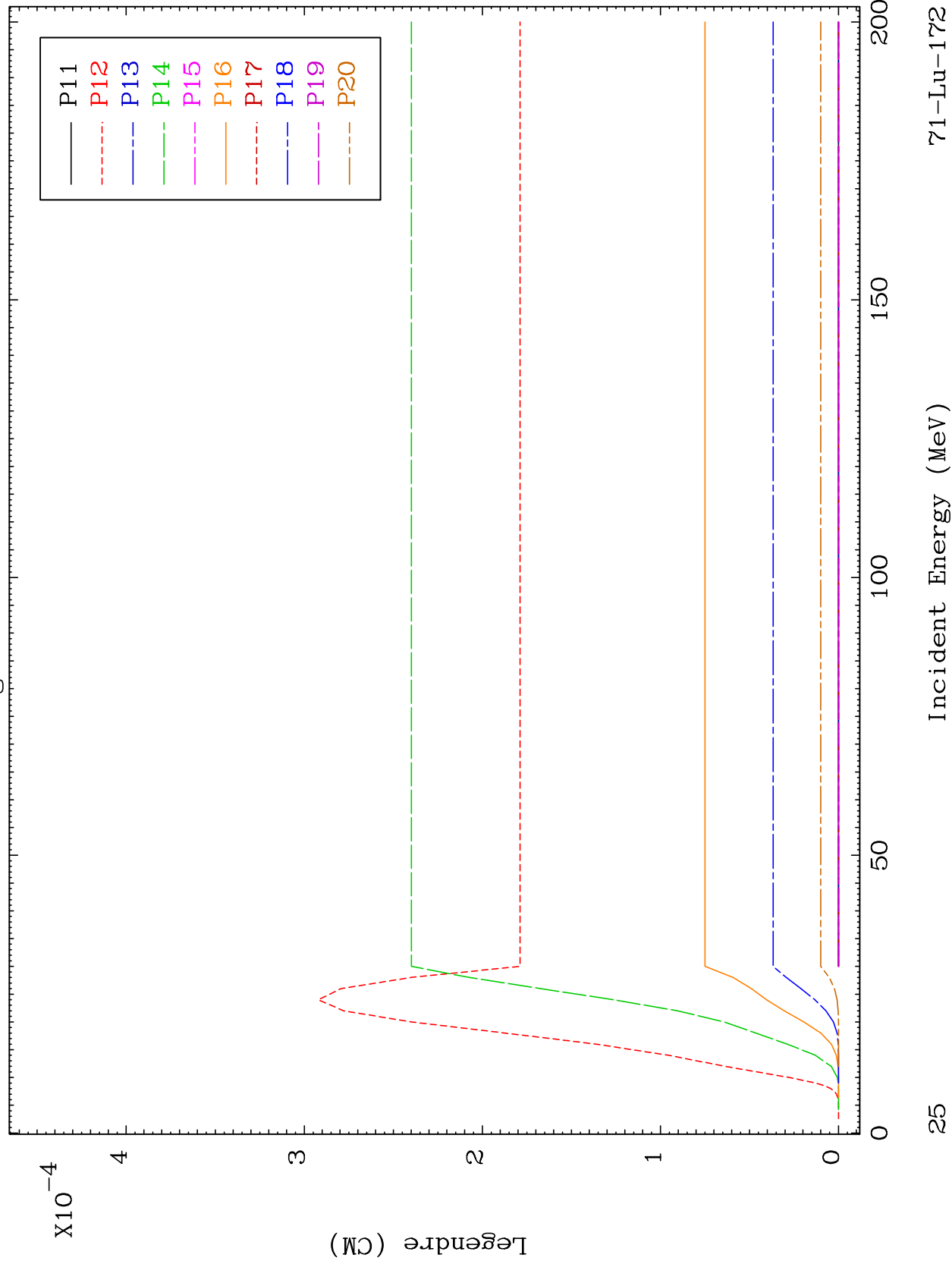
Incident Energy (MeV)

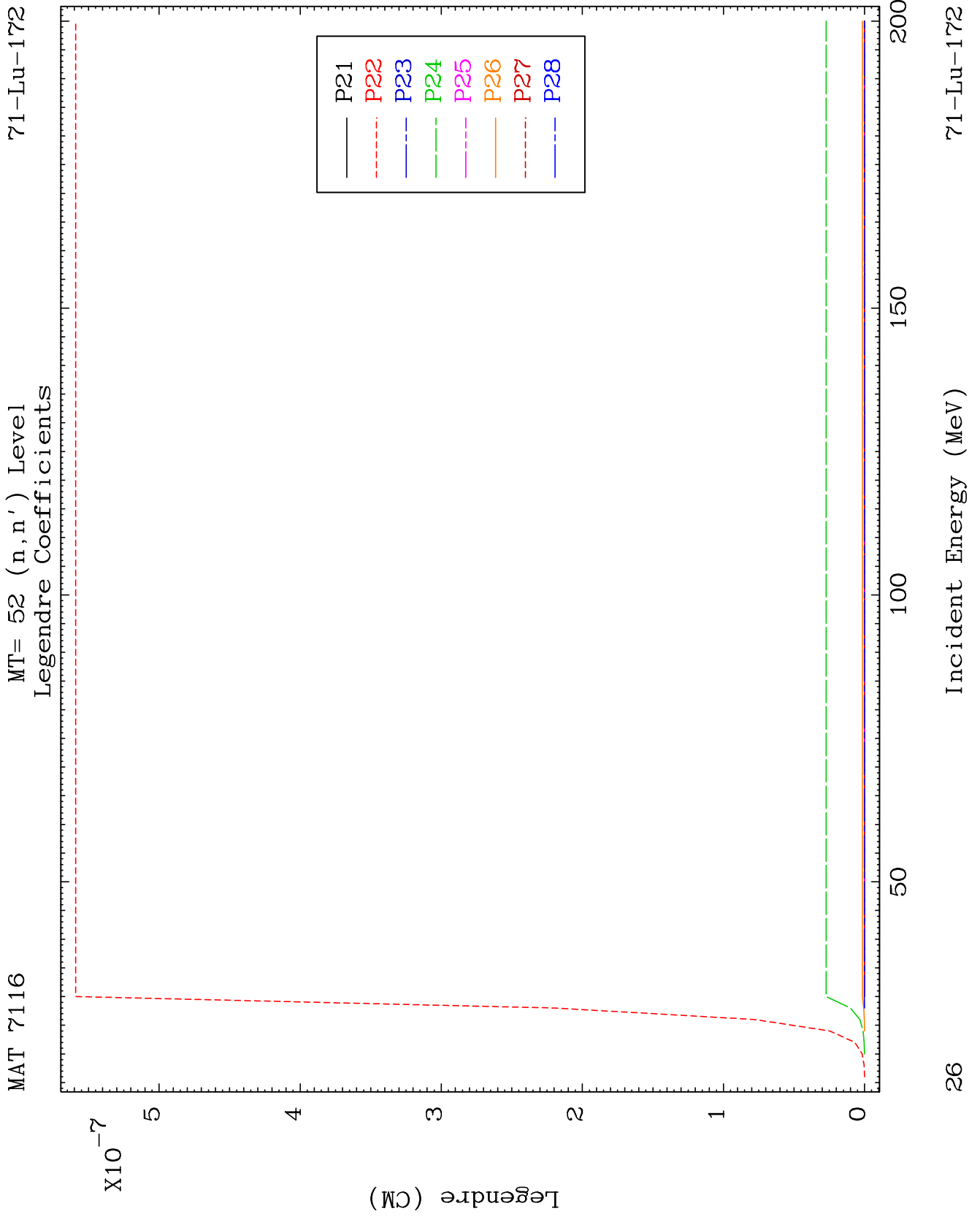
71-Lu-172

MAT 7116

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

71-Lu-172

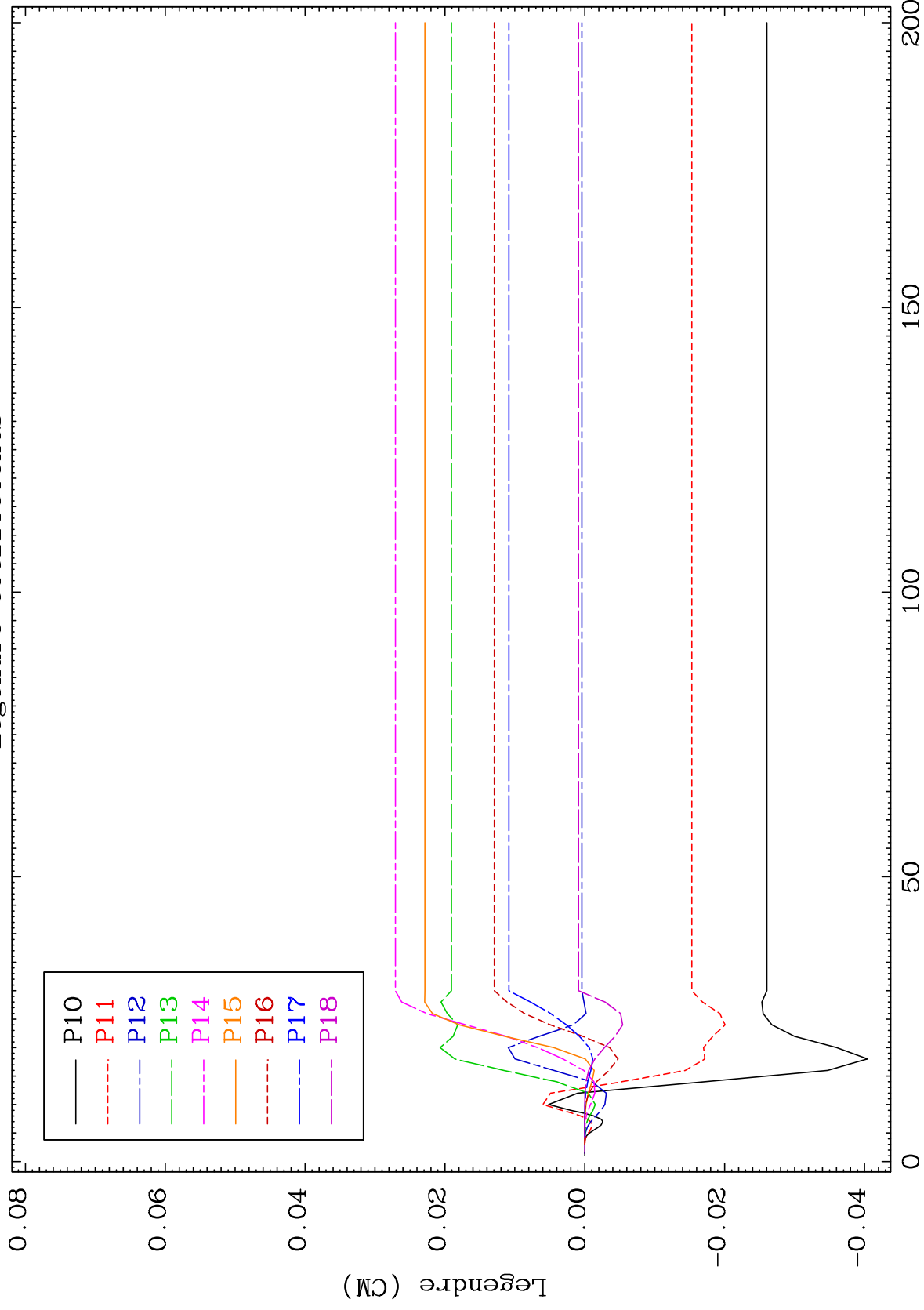




MAT 7116

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

71-Lu-172



28

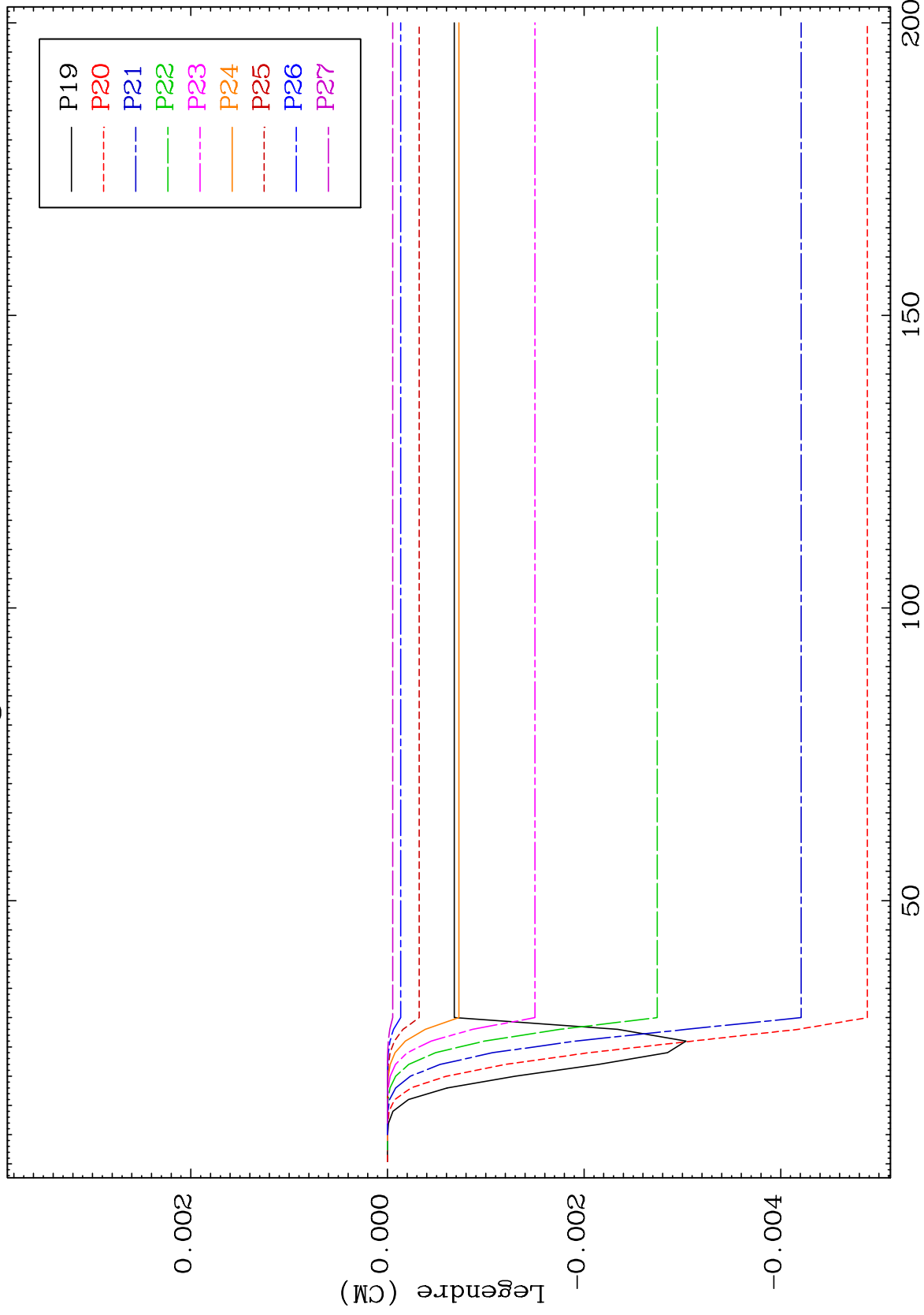
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

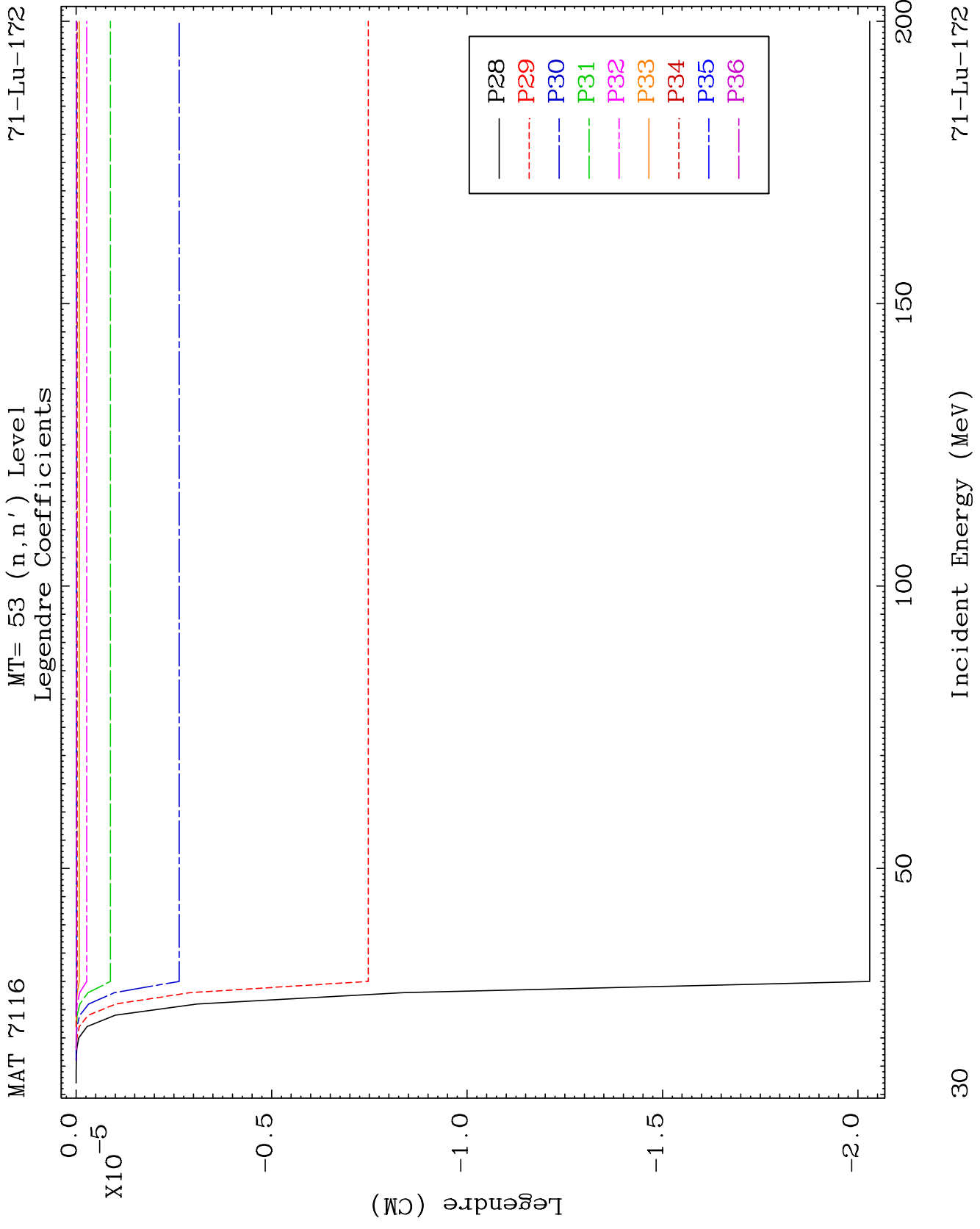
71-Lu-172



29

Incident Energy (MeV)

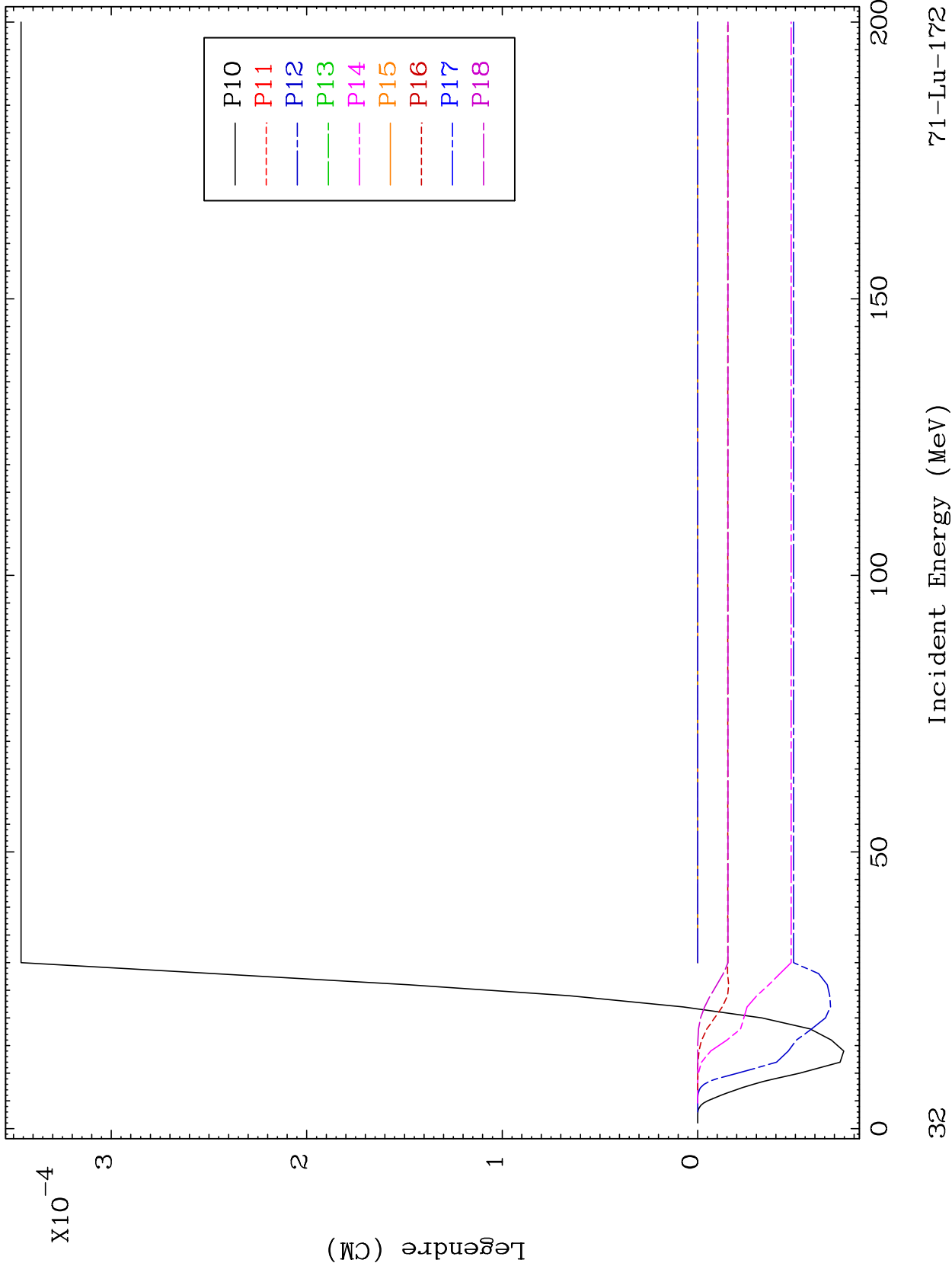
71-Lu-172



MAT 7116

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

71-Lu-172



71-Lu-172

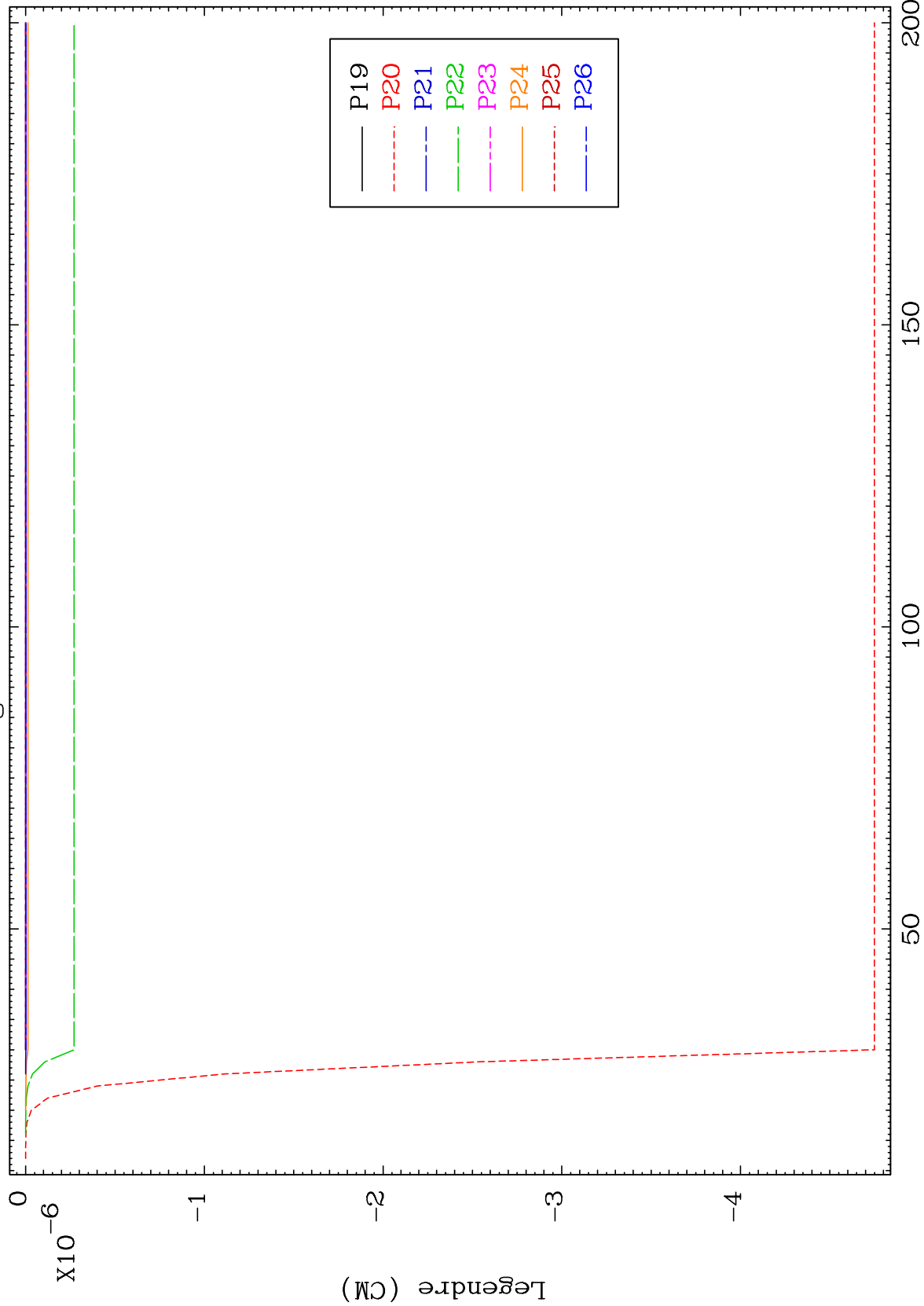
Incident Energy (MeV)

32

MAT 7116

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

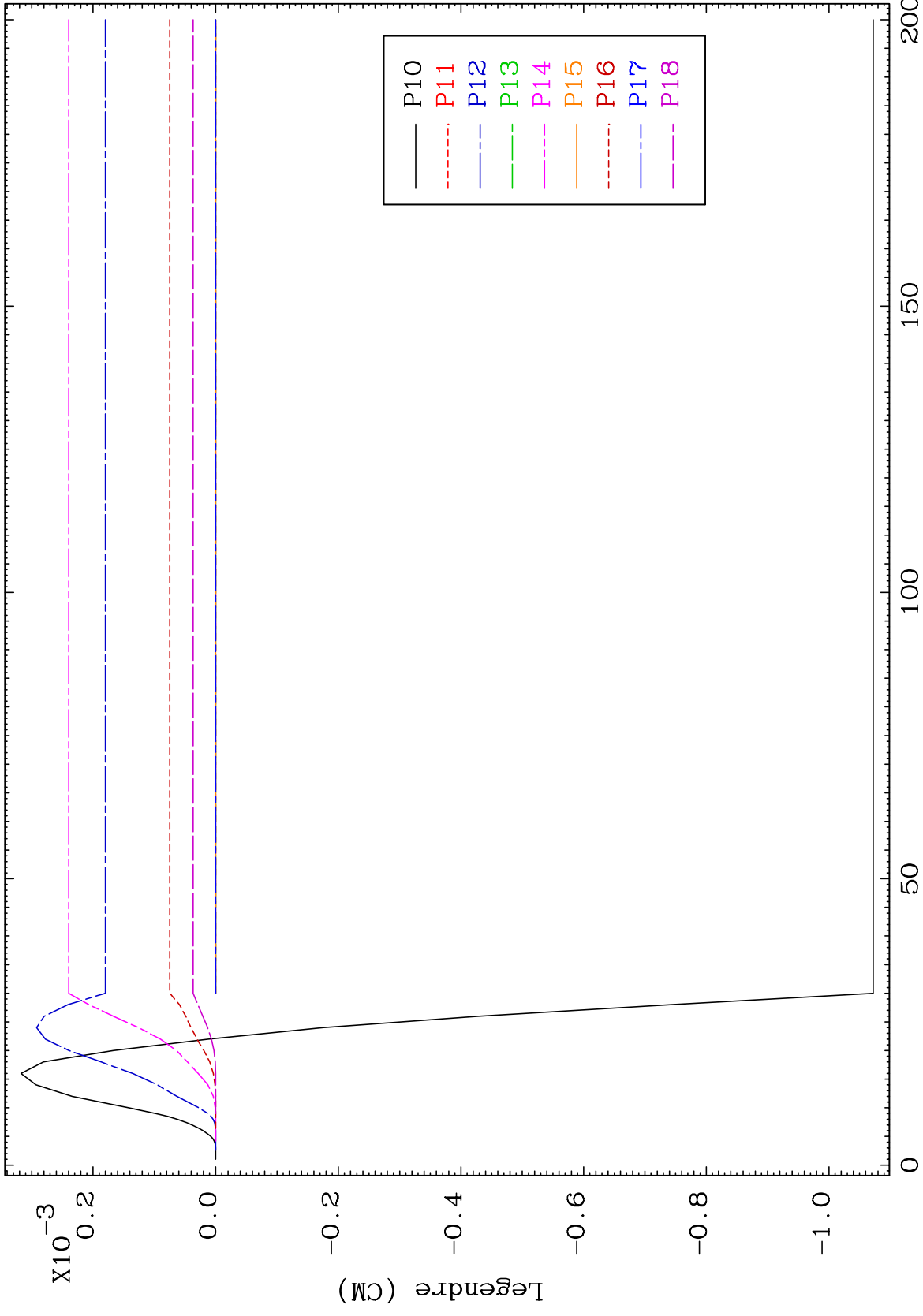
71-Lu-172



MAT 7116

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

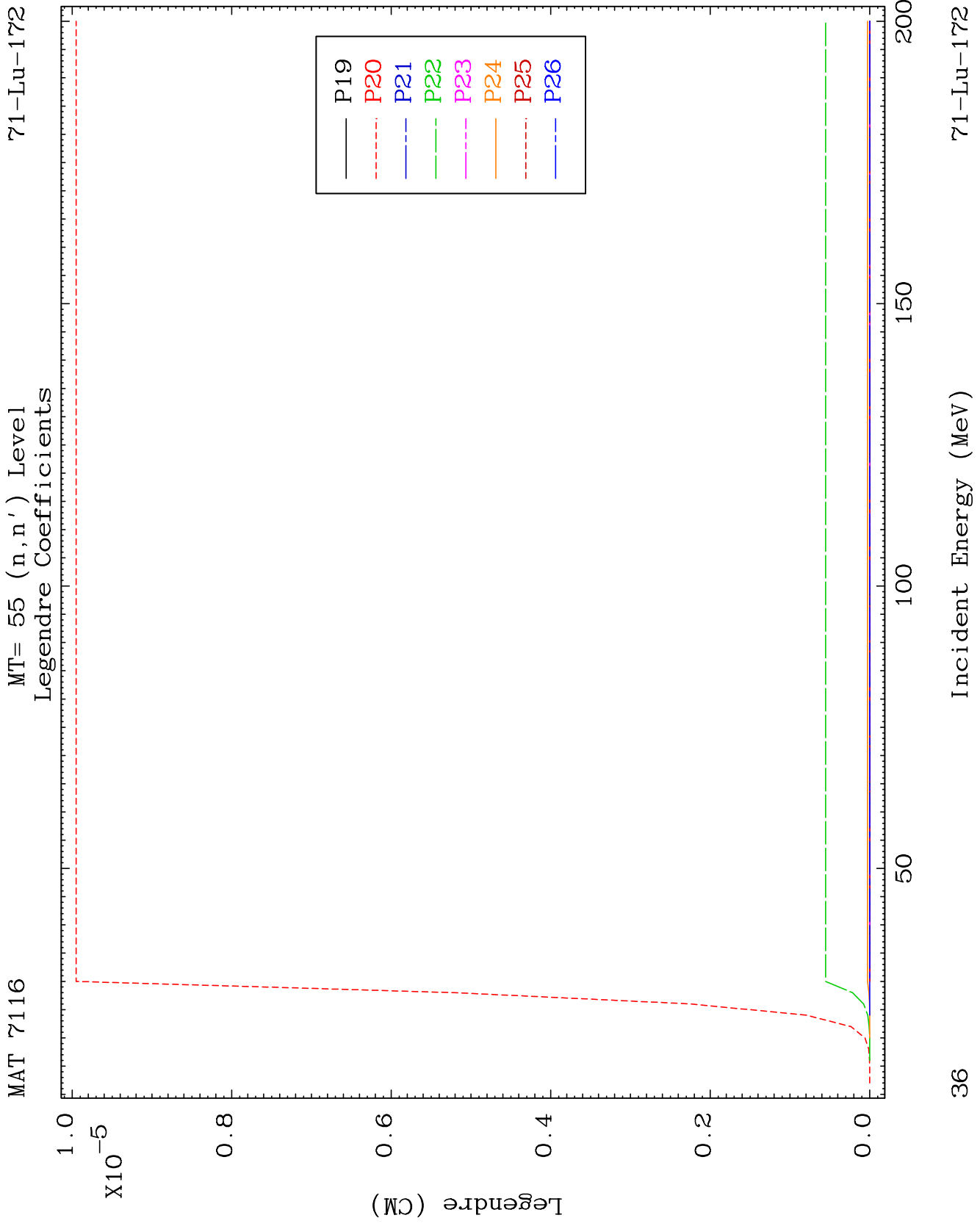
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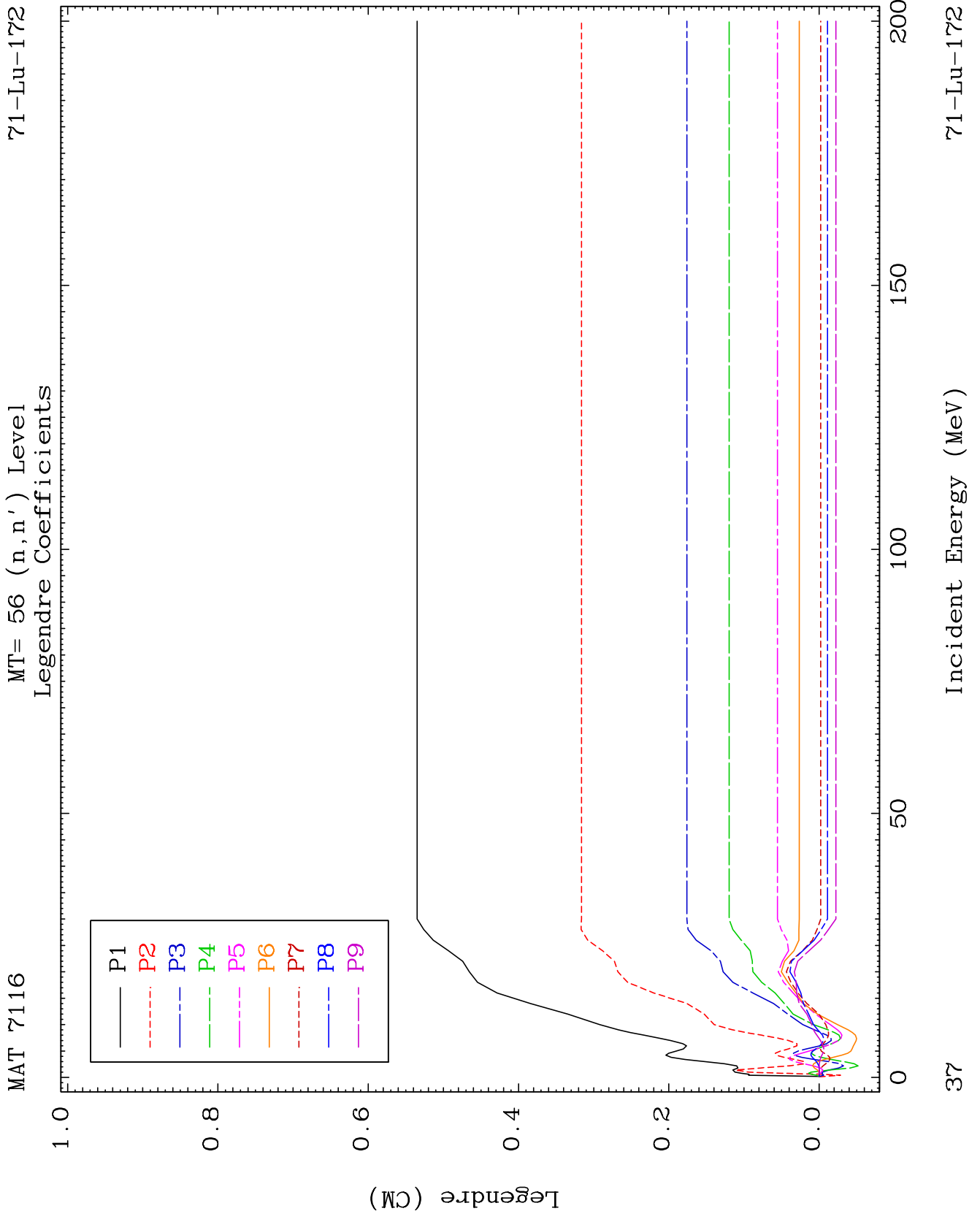


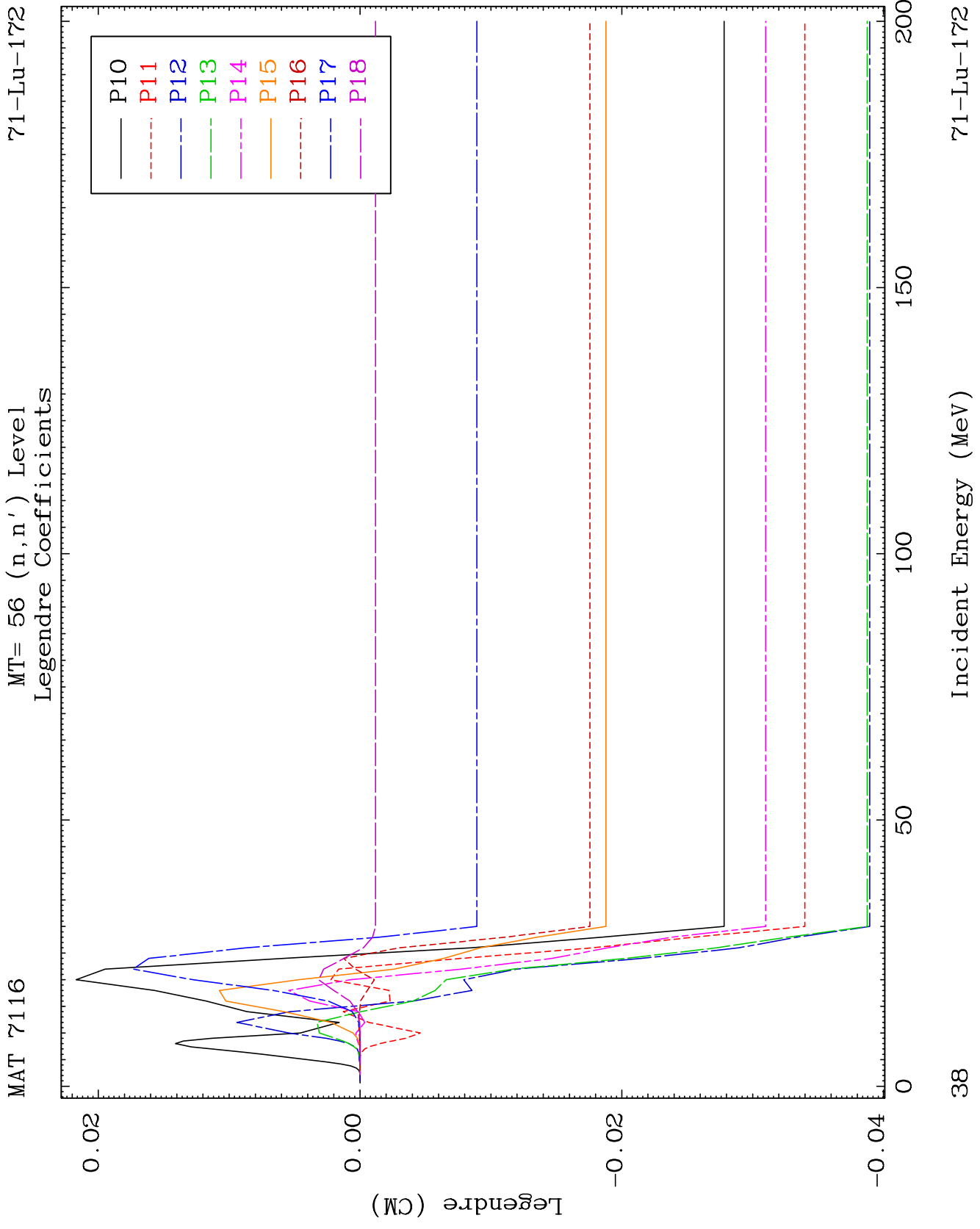
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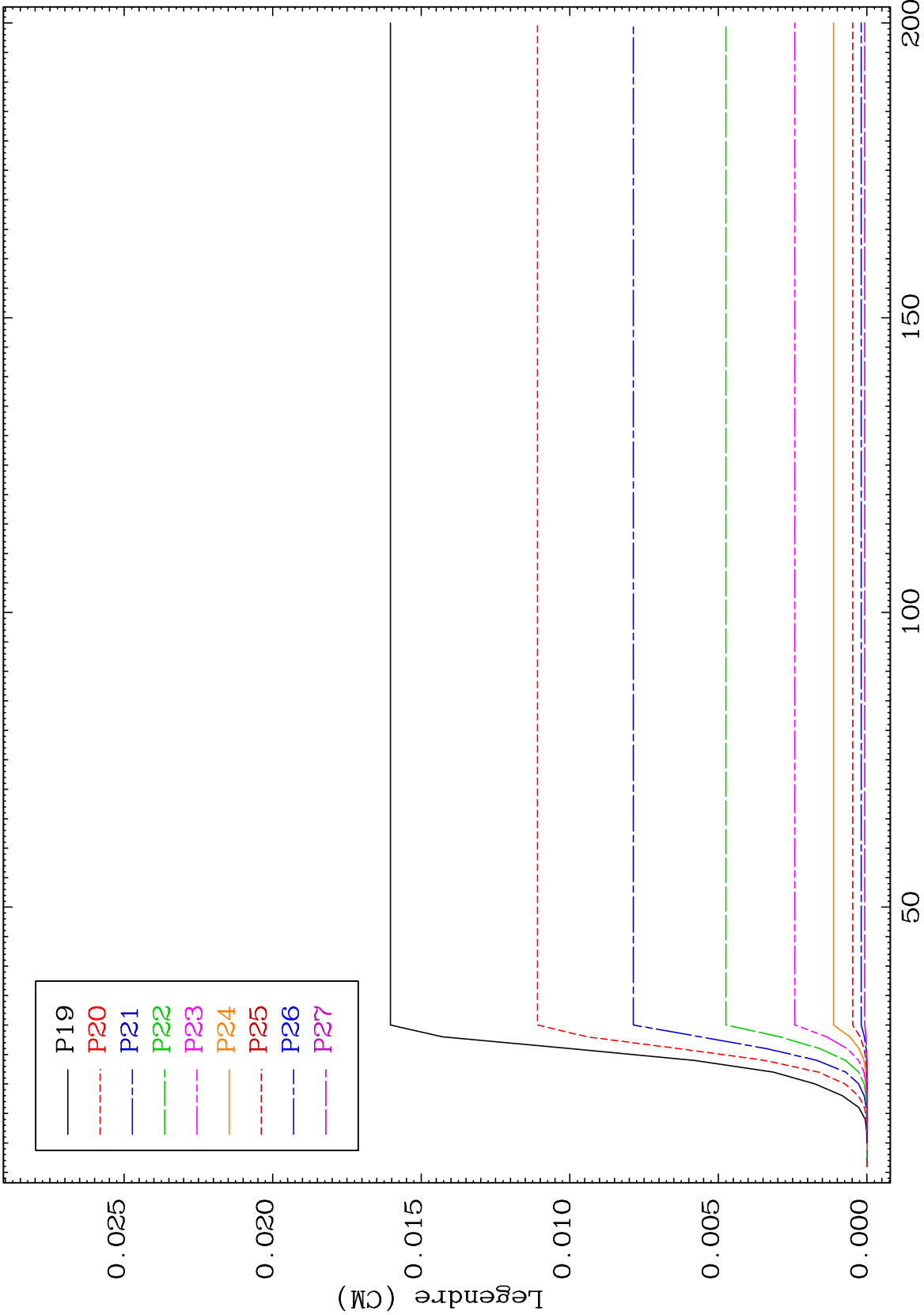
Incident Energy (MeV)

71-Lu-172





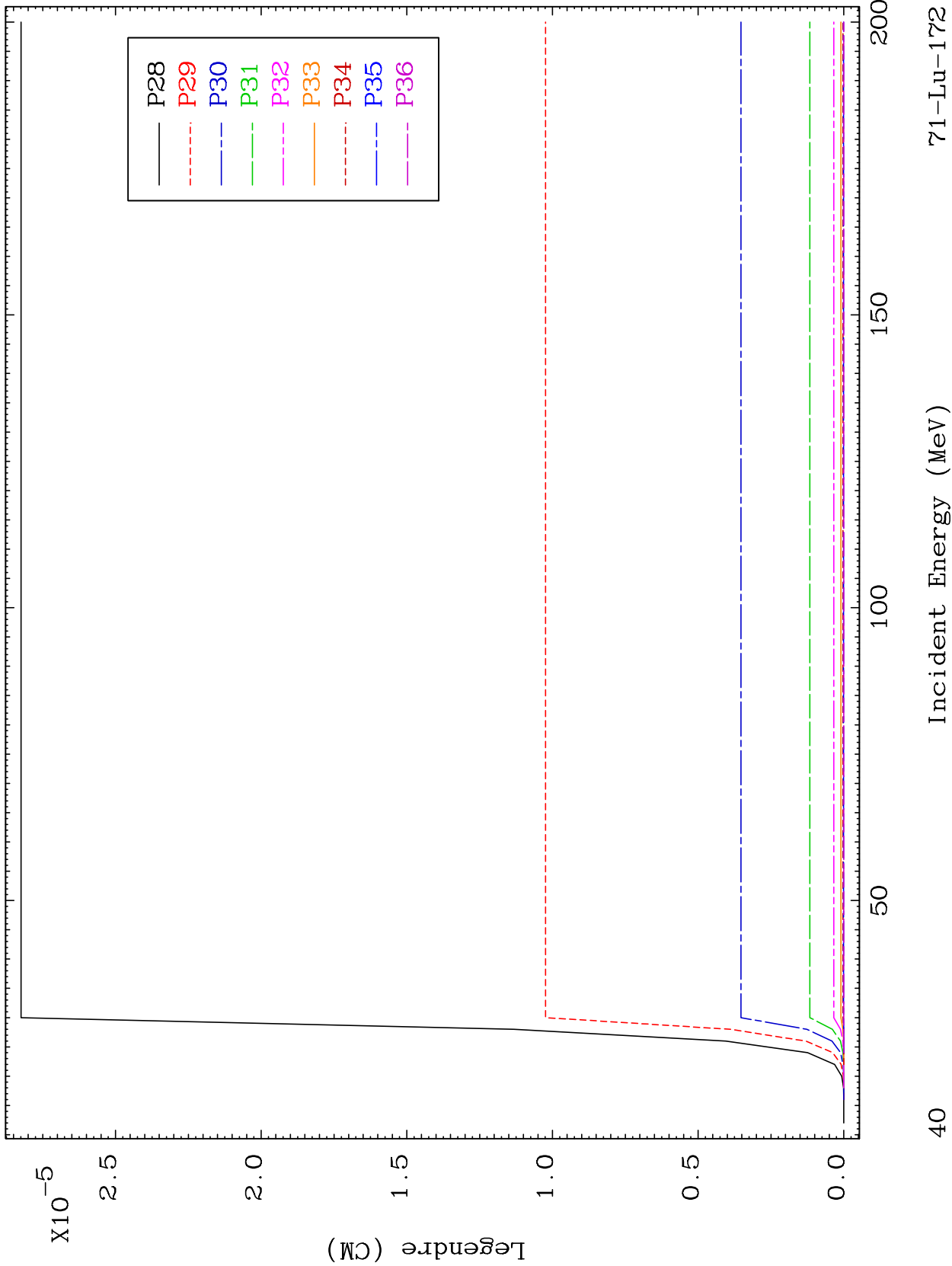




MAT 7116

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

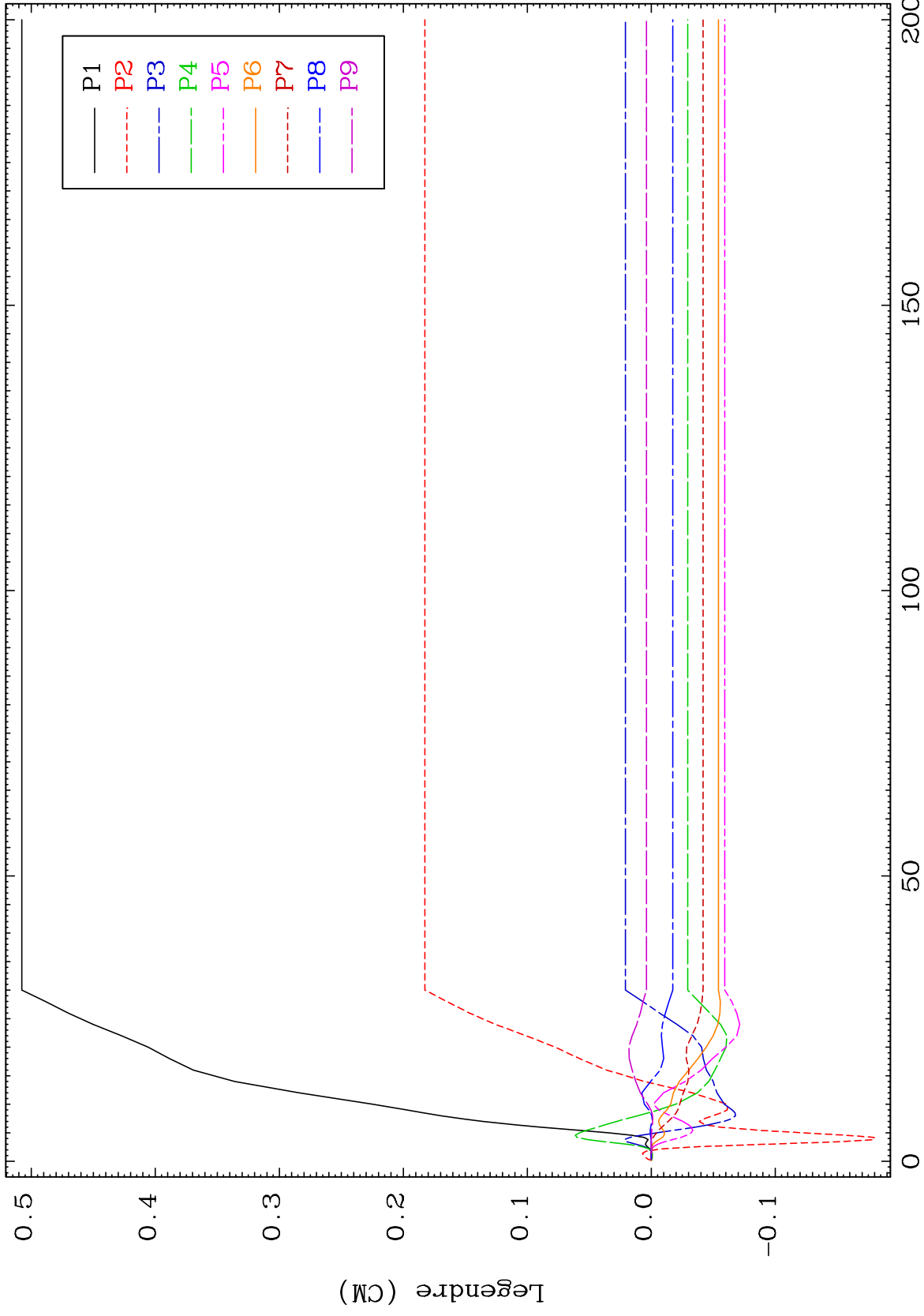
71-Lu-172



MAT 7116

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

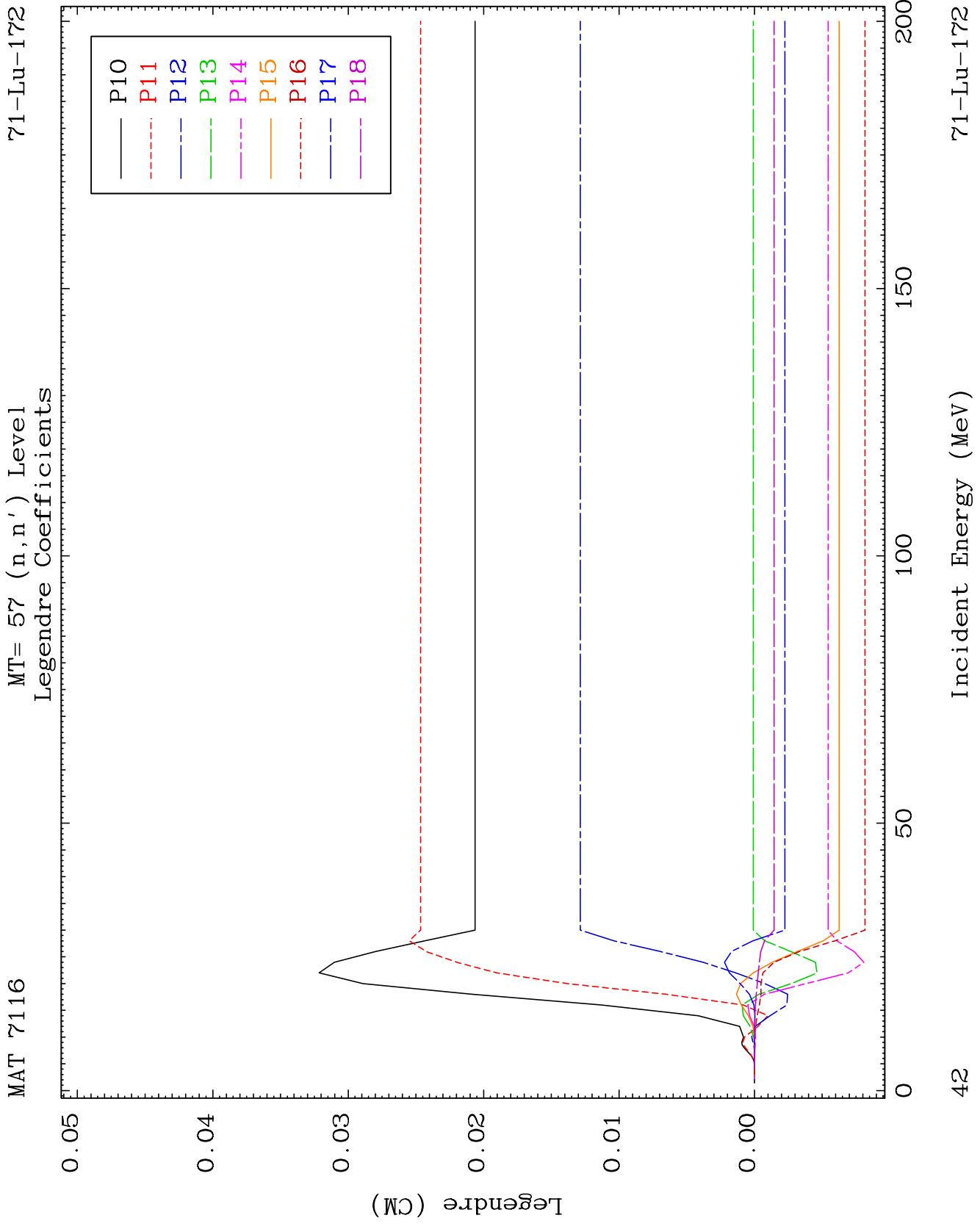
71-Lu-172



41

Incident Energy (MeV)

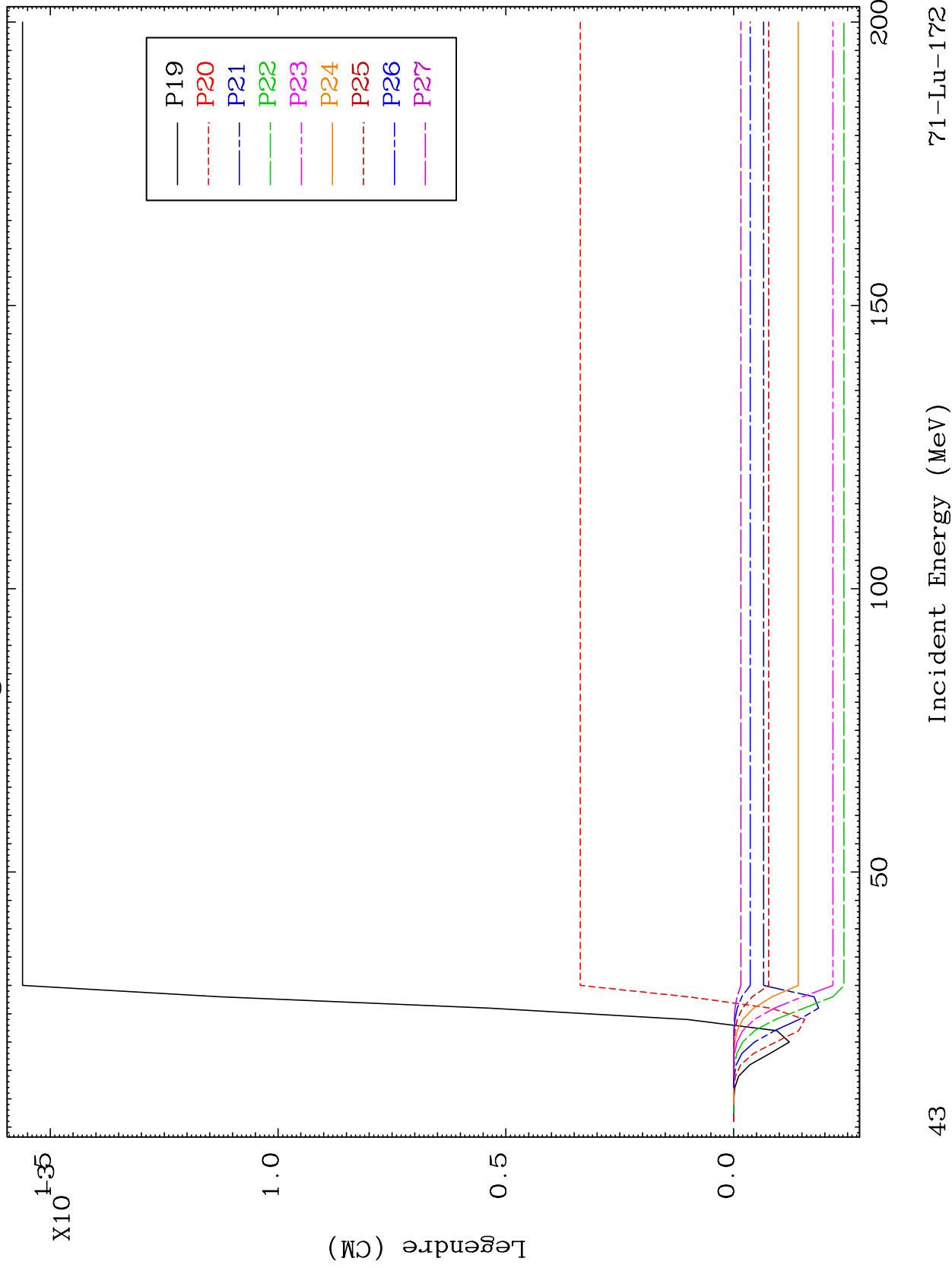
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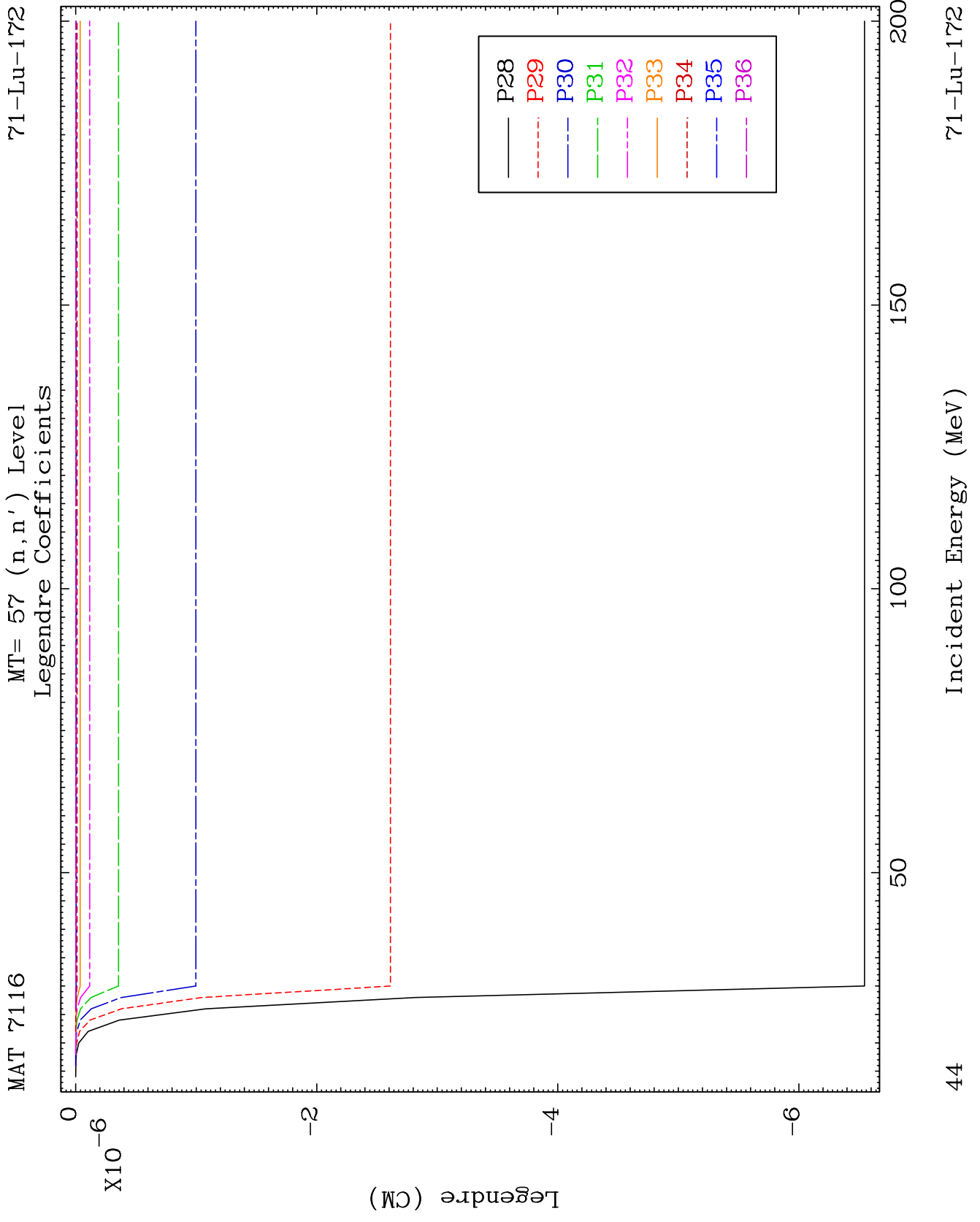


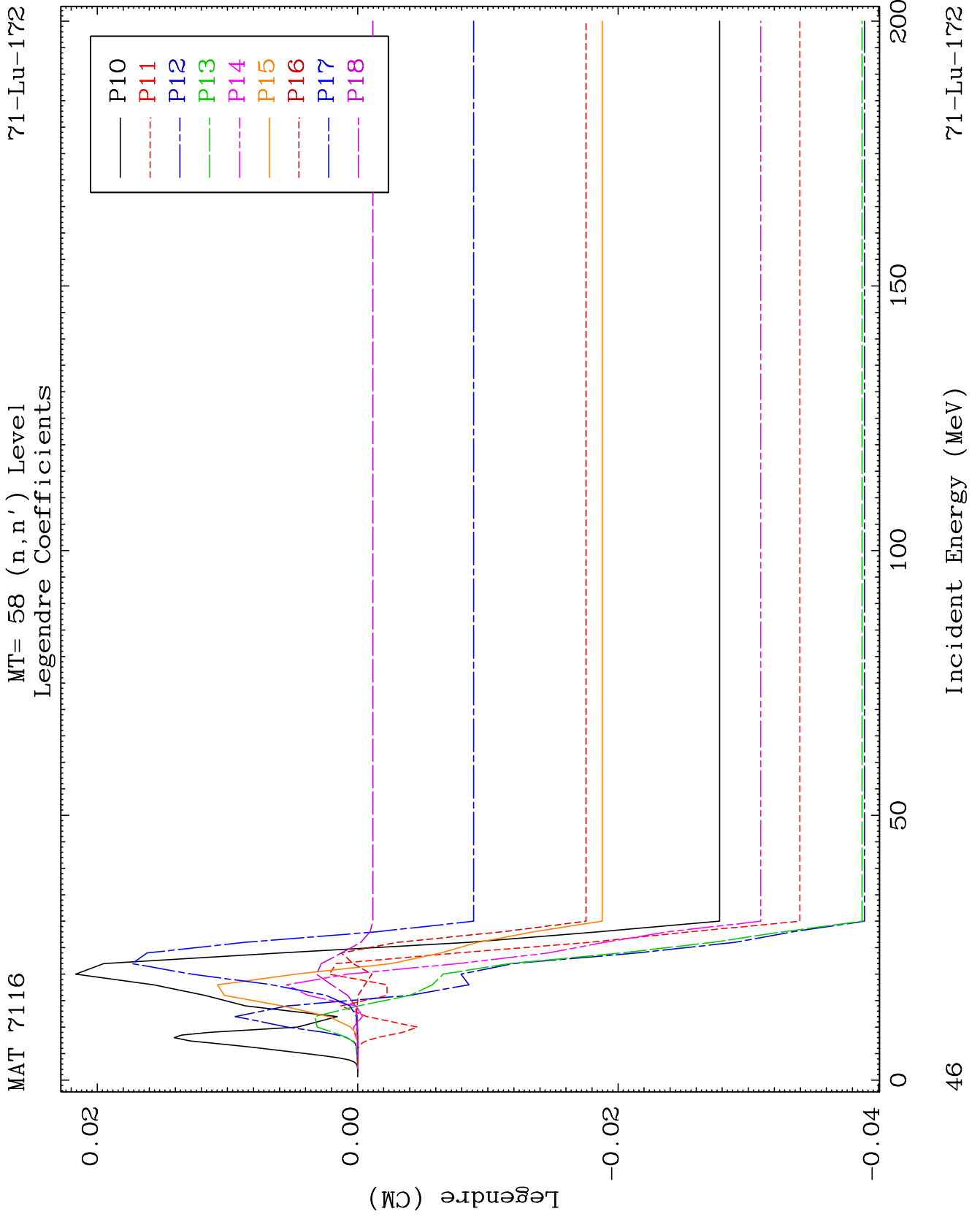
MAT 7116

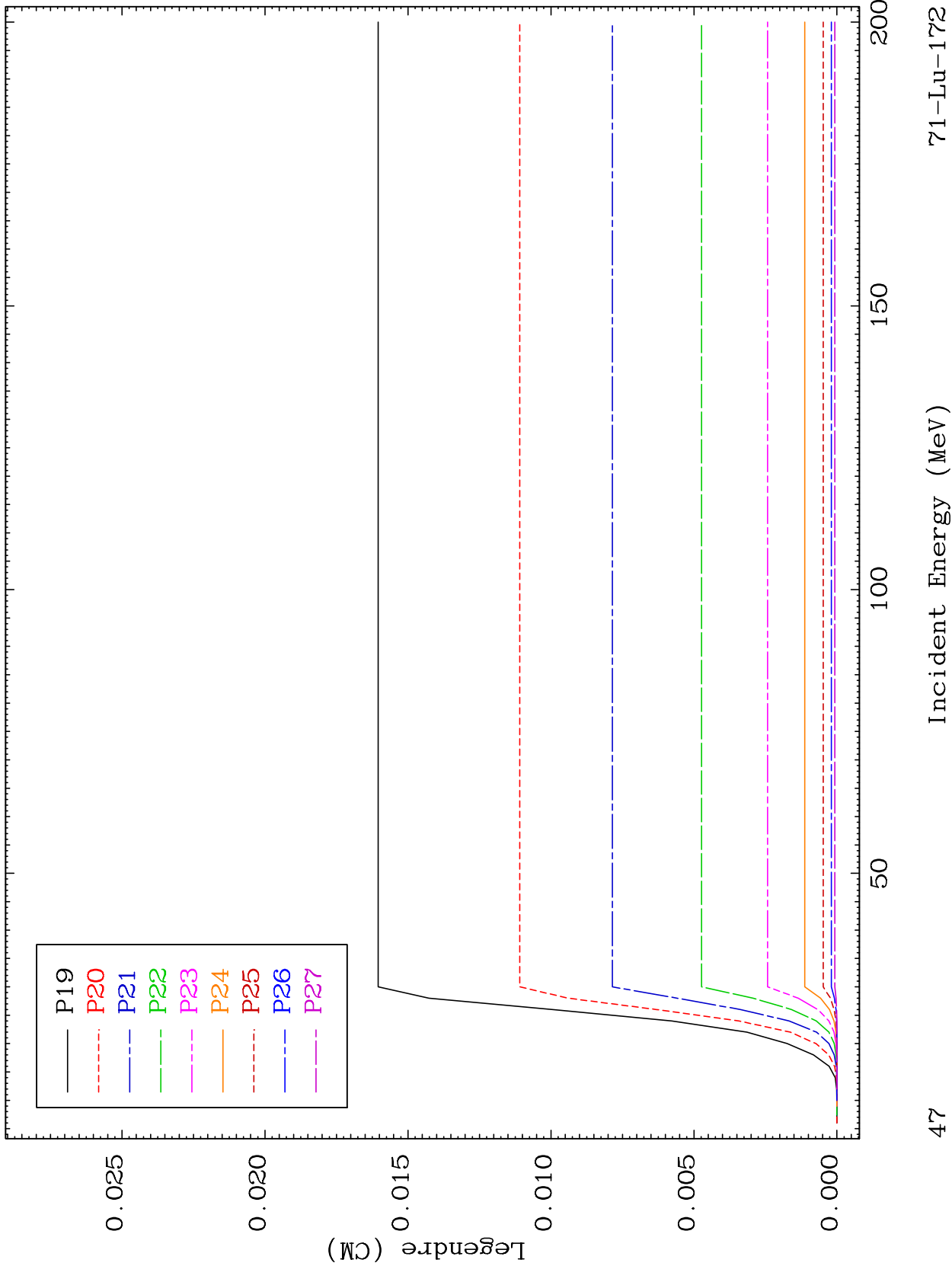
MT= 57 (n,n') Level
Legendre Coefficients

71-Lu-172





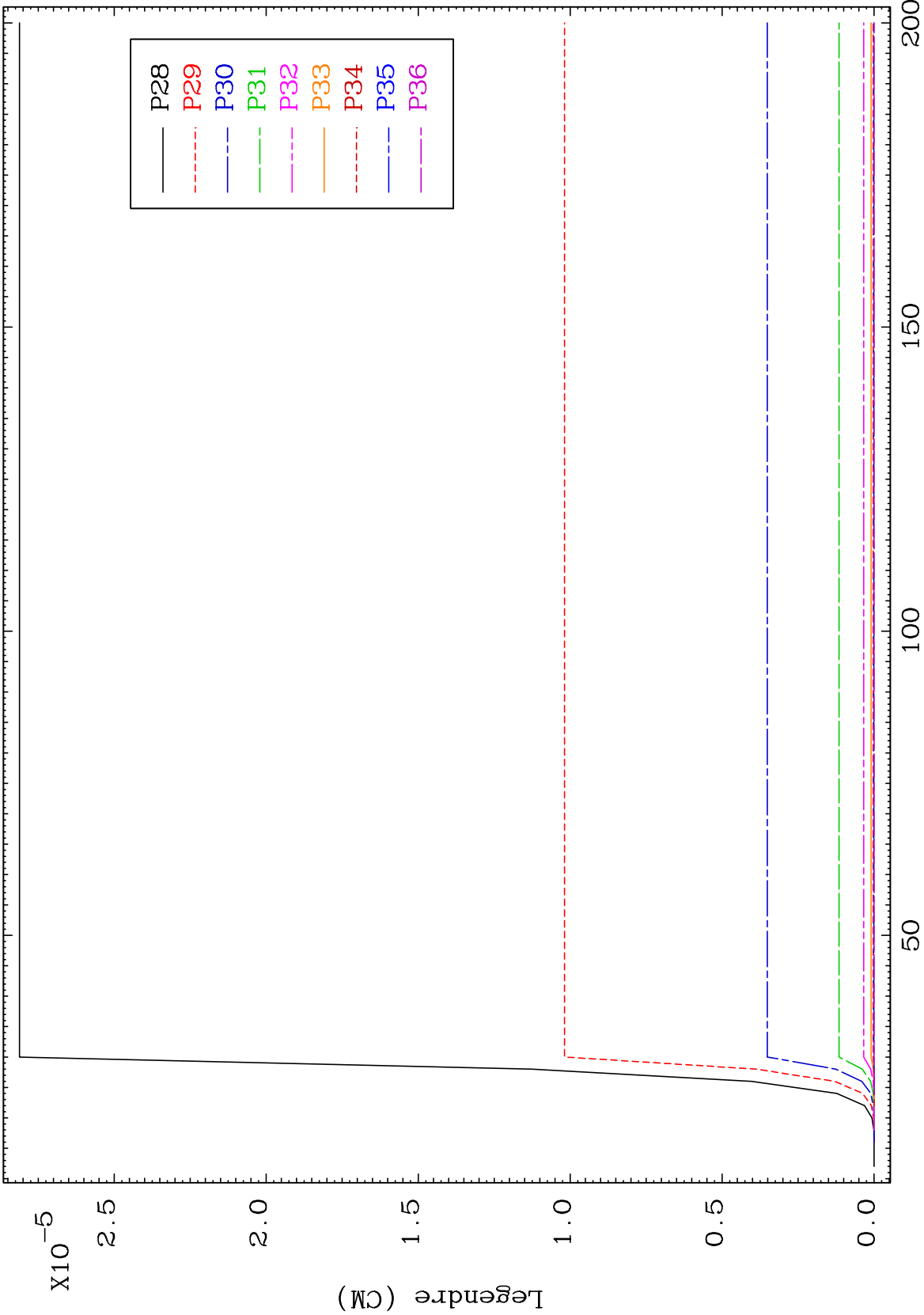




MAT 7116

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

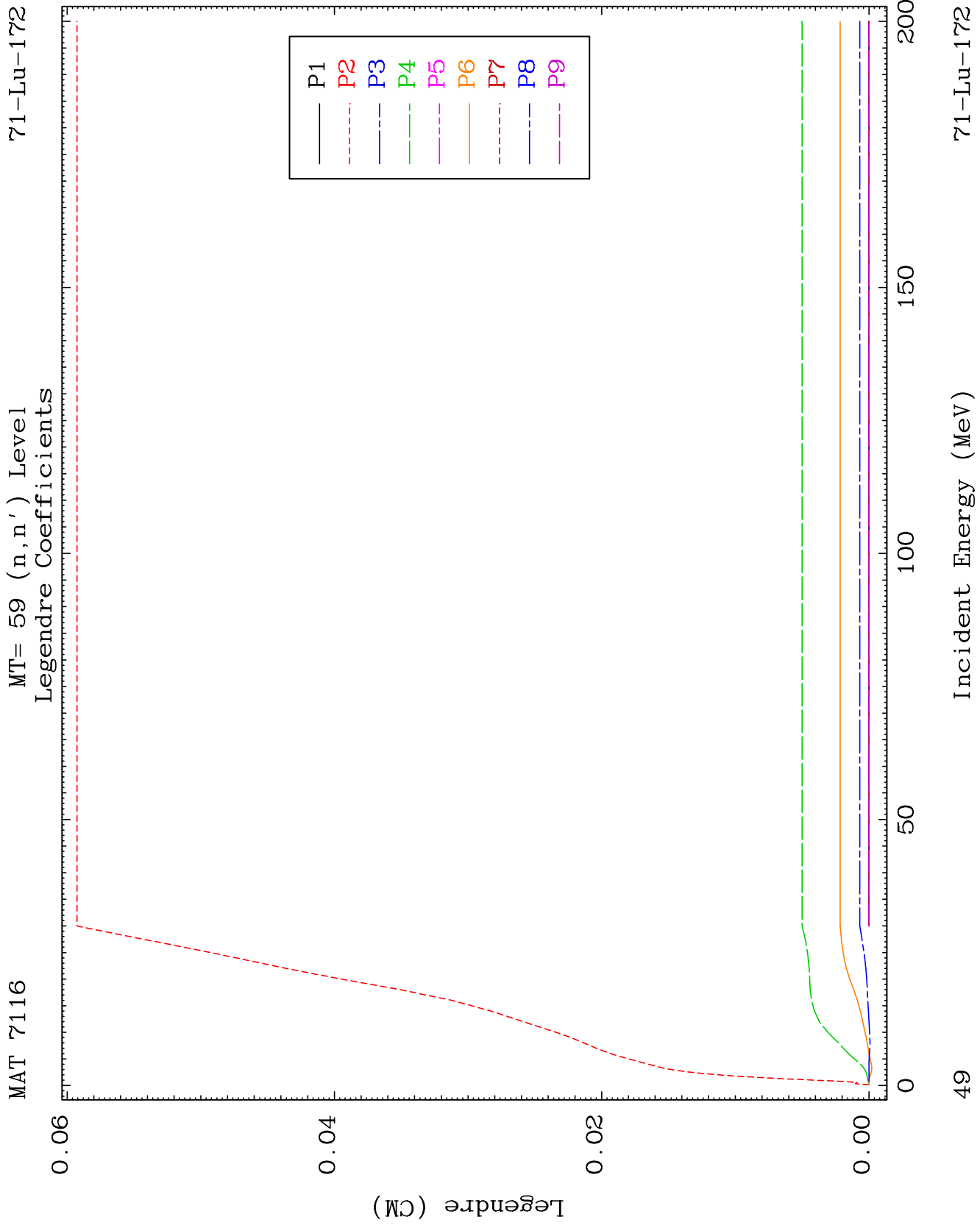
71-Lu-172



48

Incident Energy (MeV)

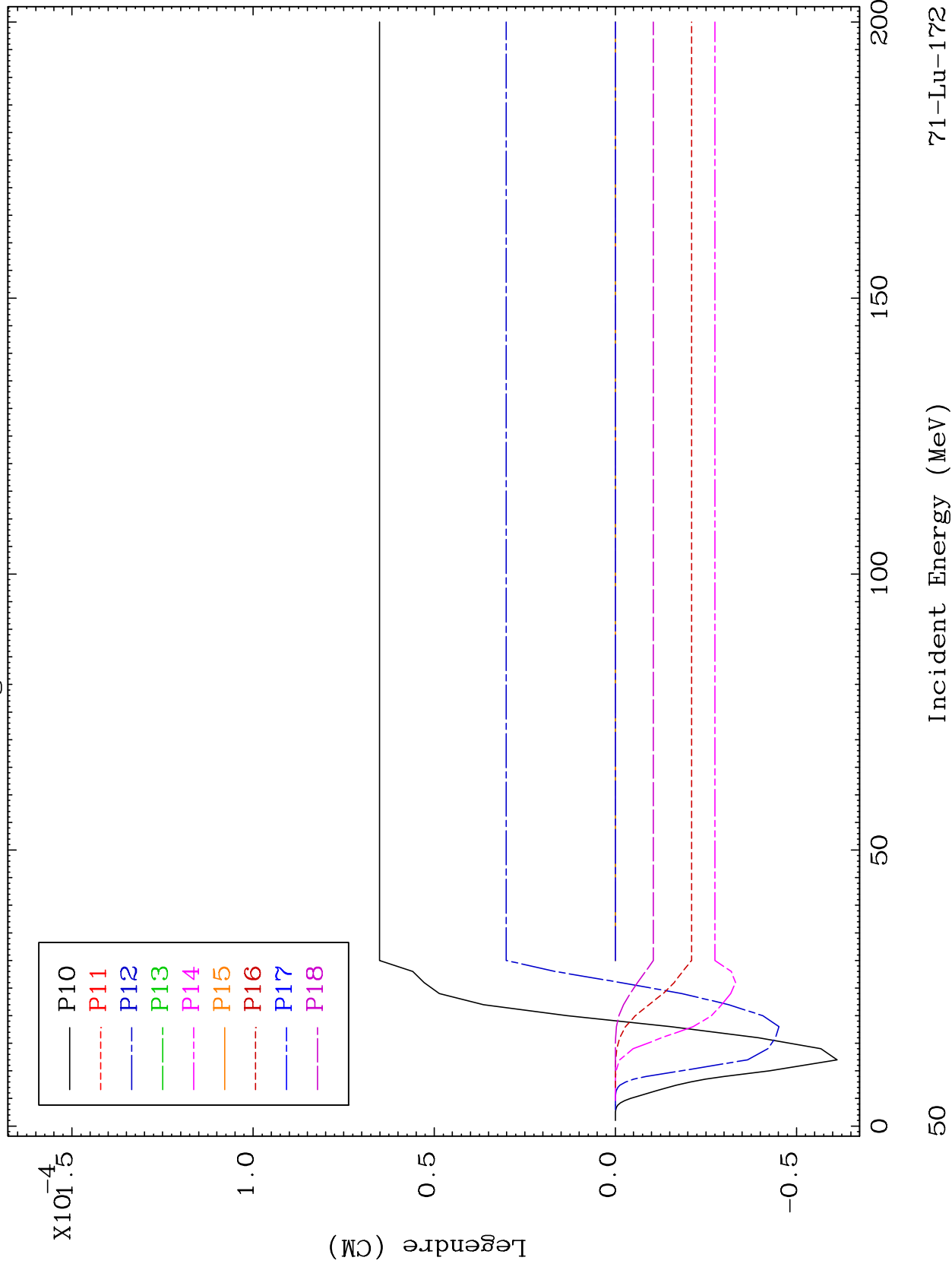
71-Lu-172



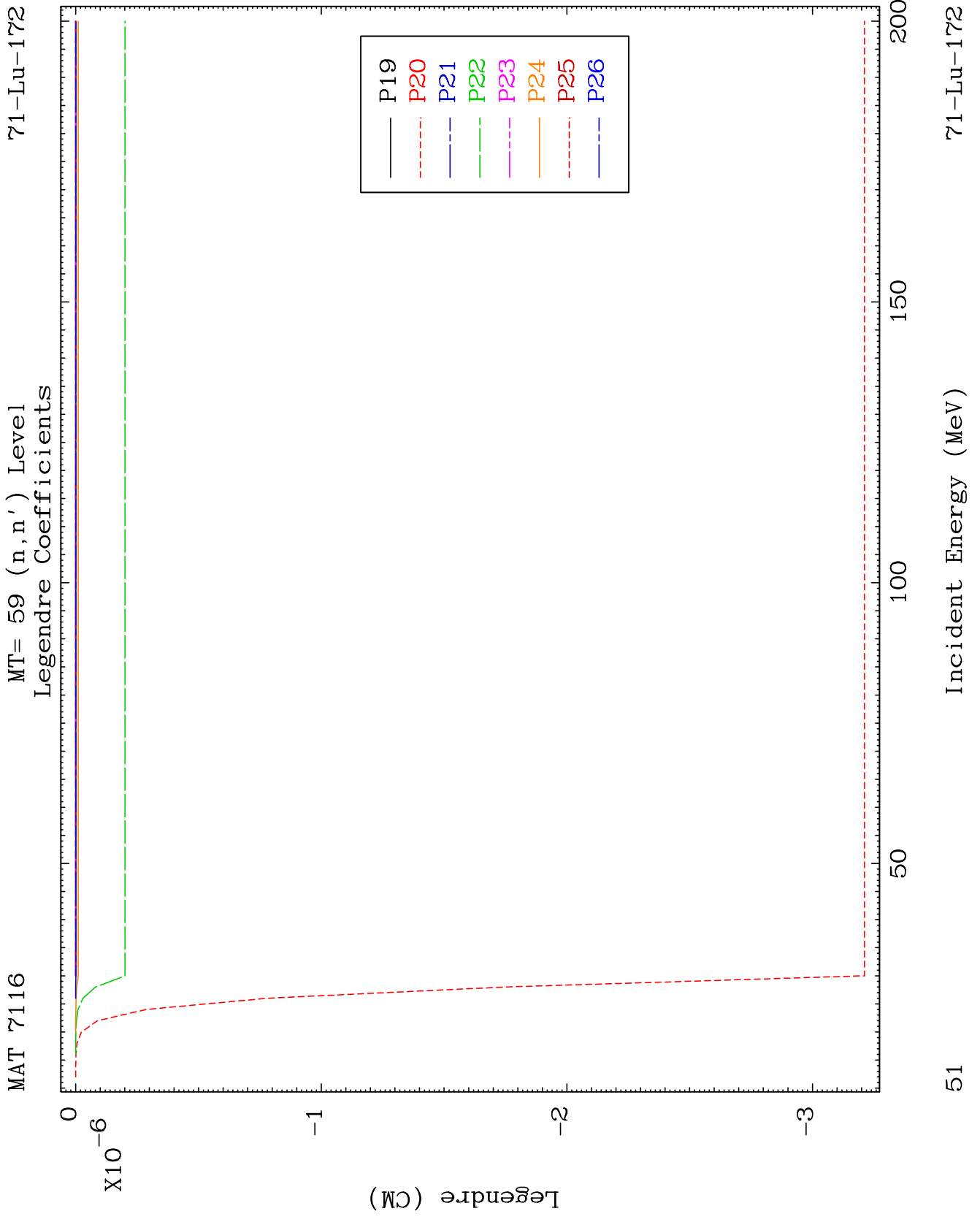
MAT 7116

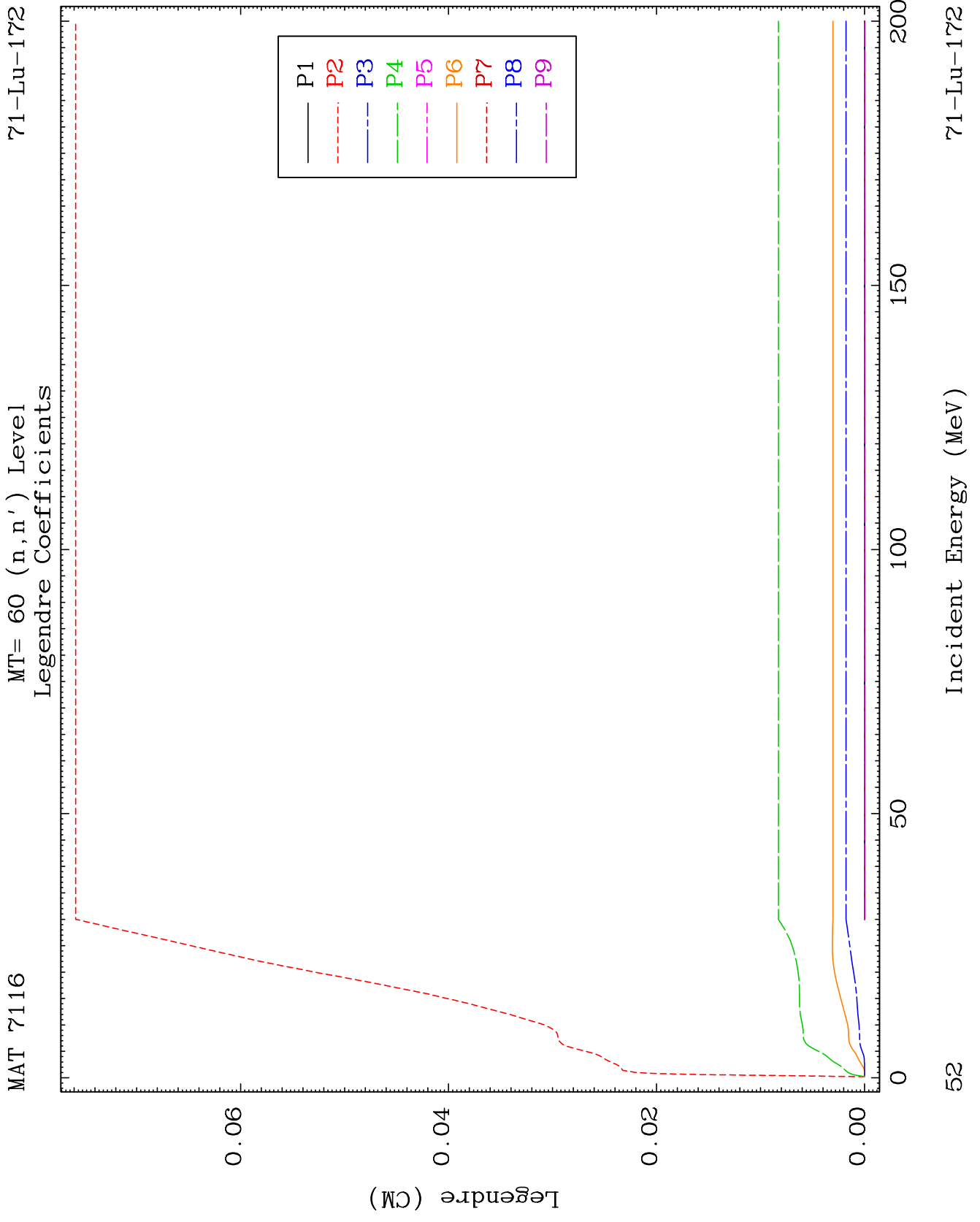
MT= 59 (n,n') Level
Legendre Coefficients

71-Lu-172



71-Lu-172

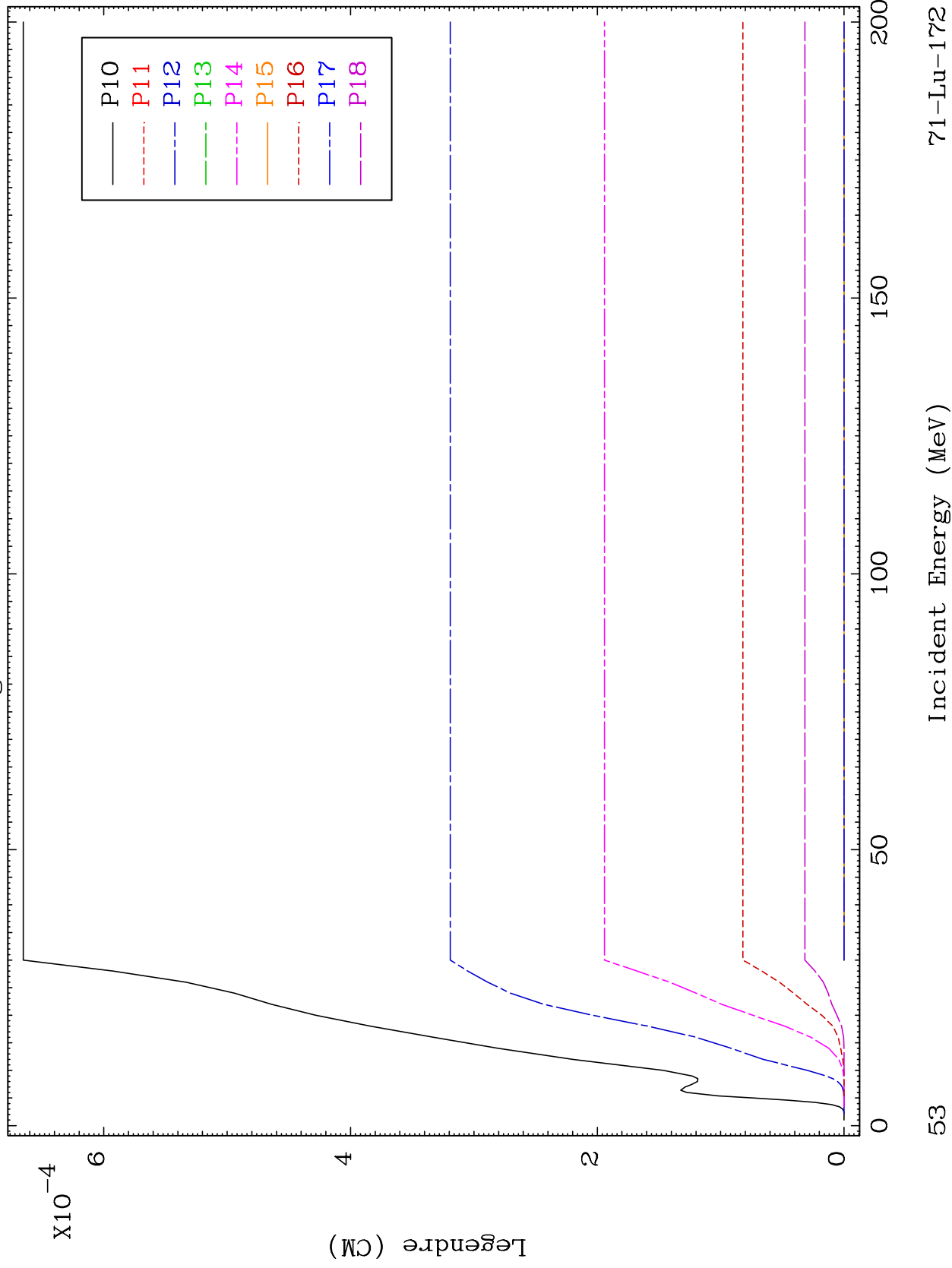


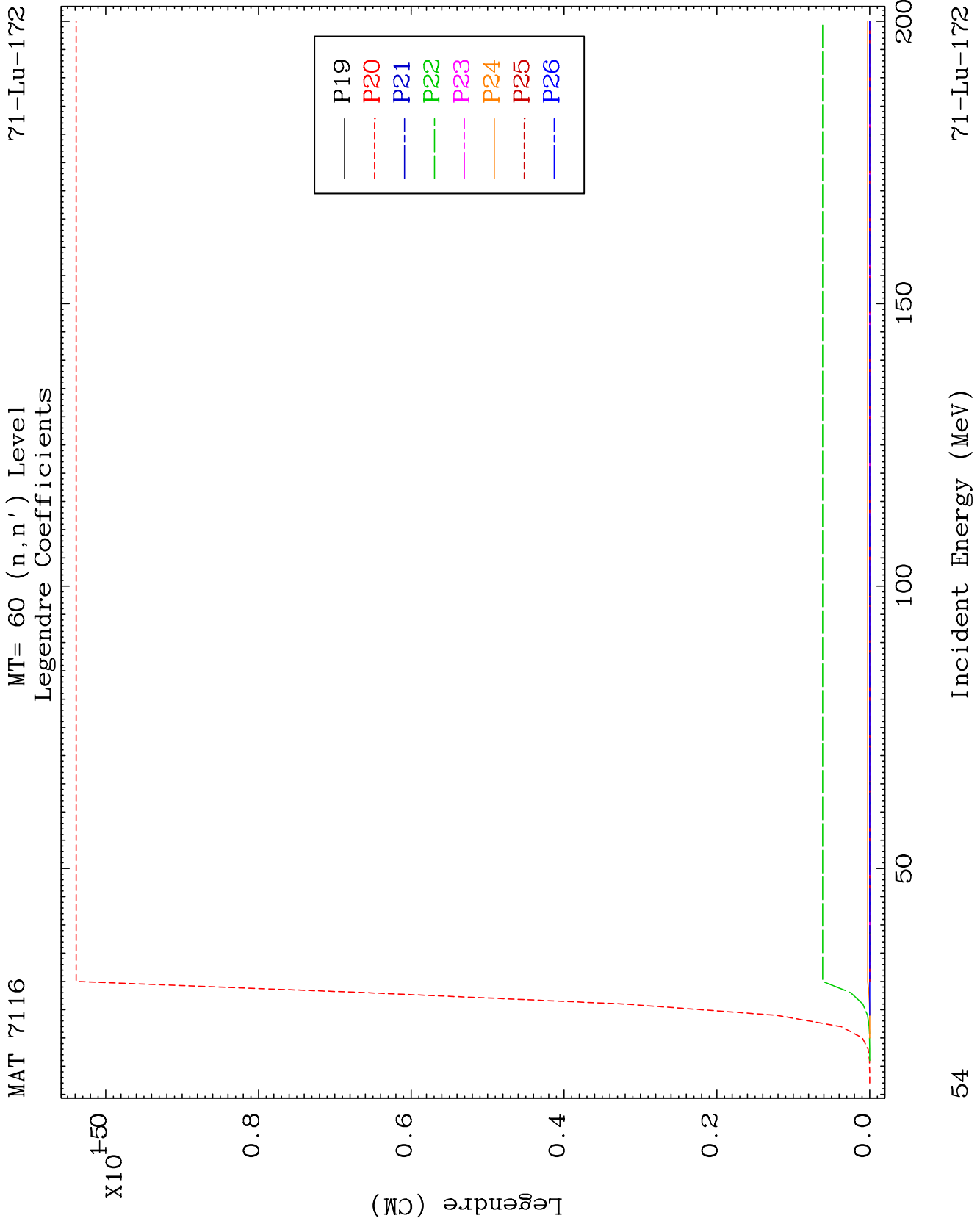


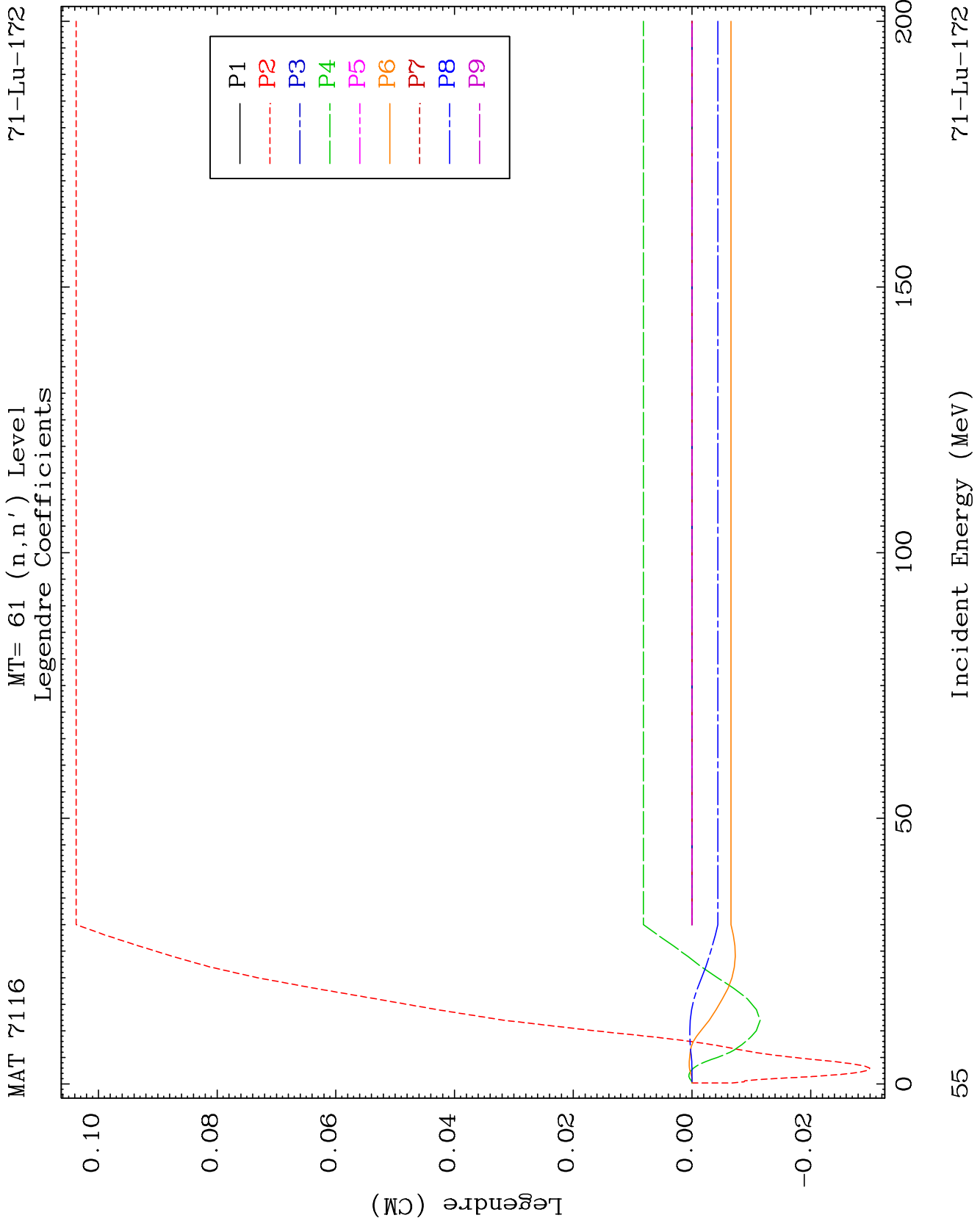
MAT 7116

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

71-Lu-172



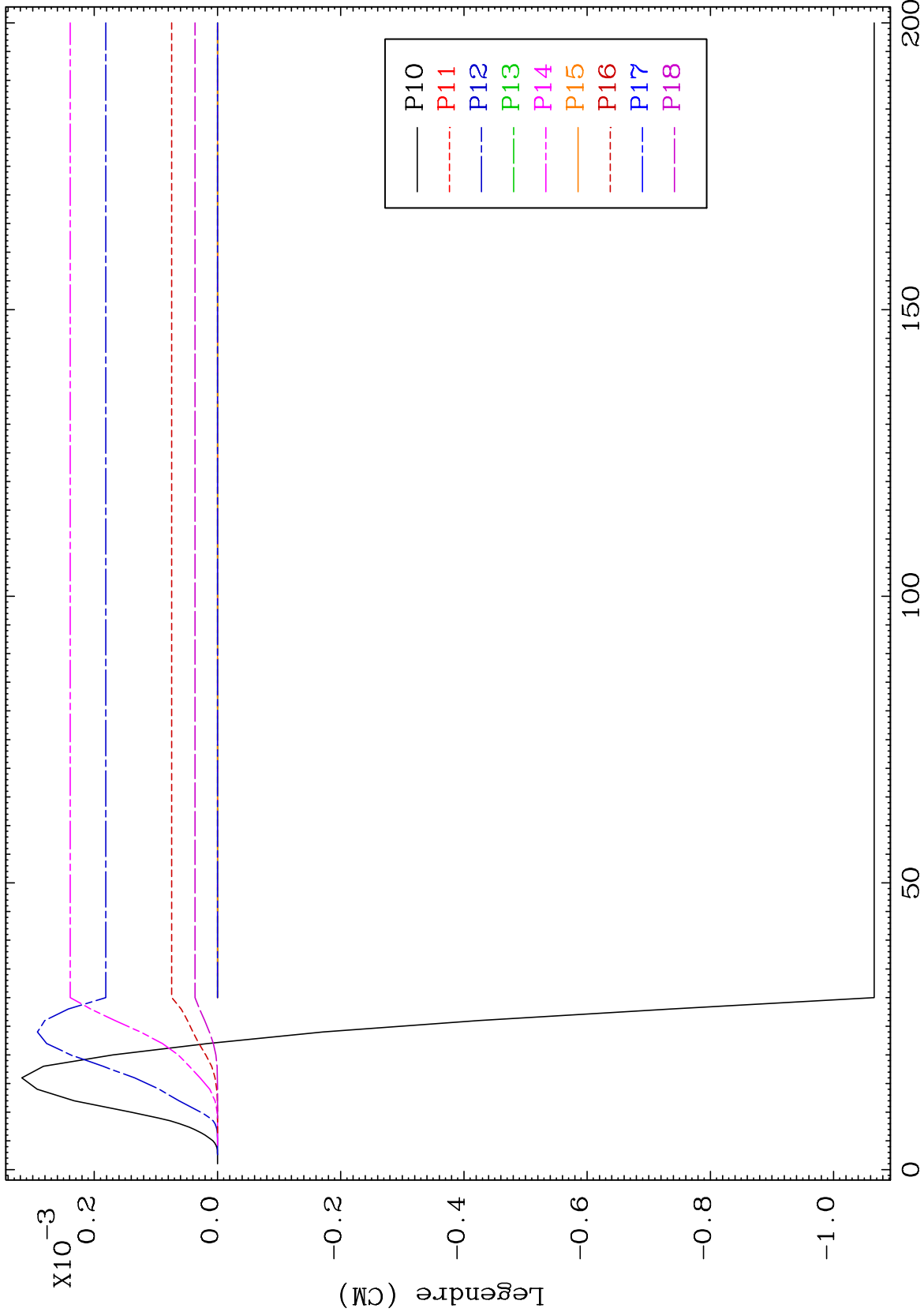




MAT 7116

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

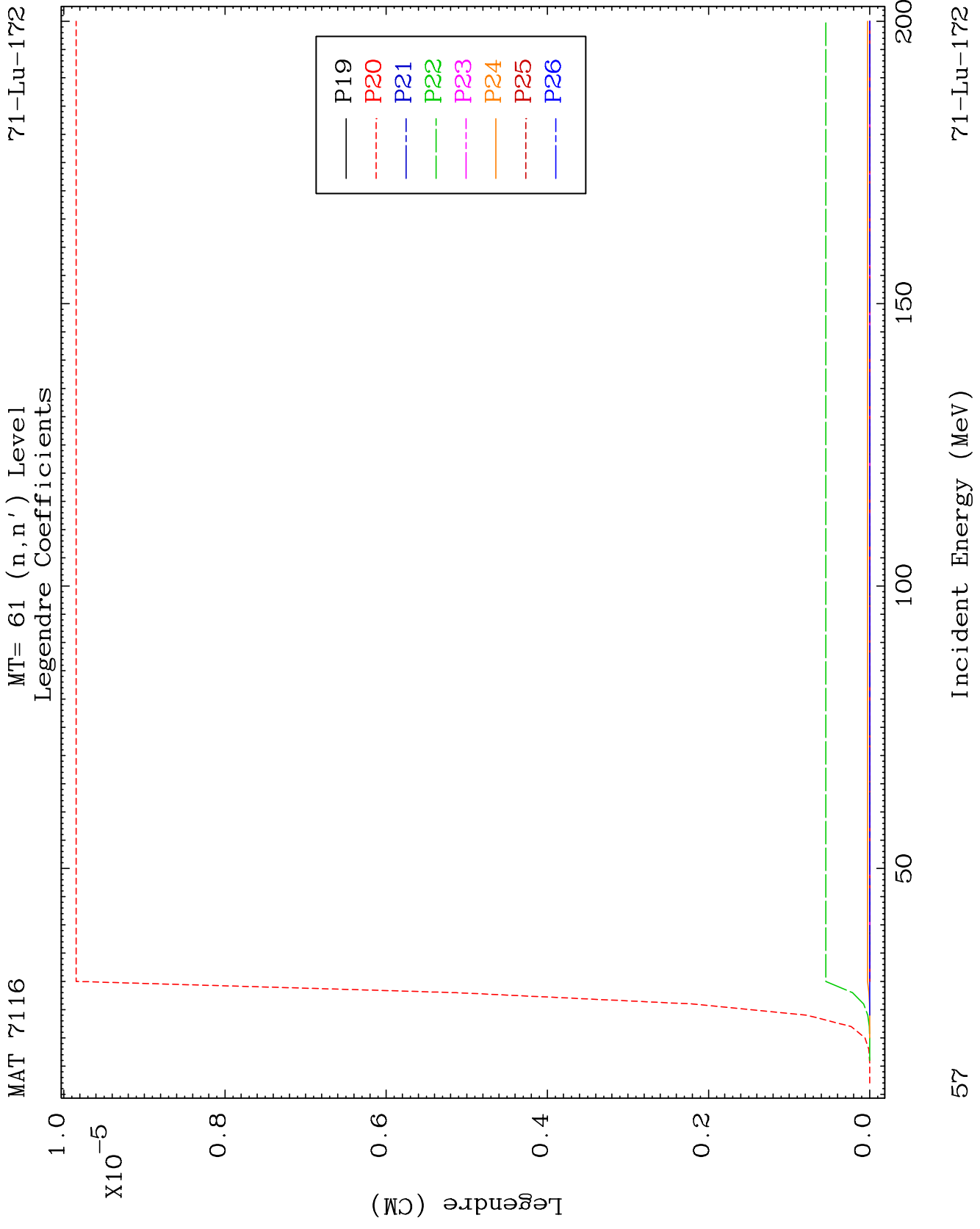
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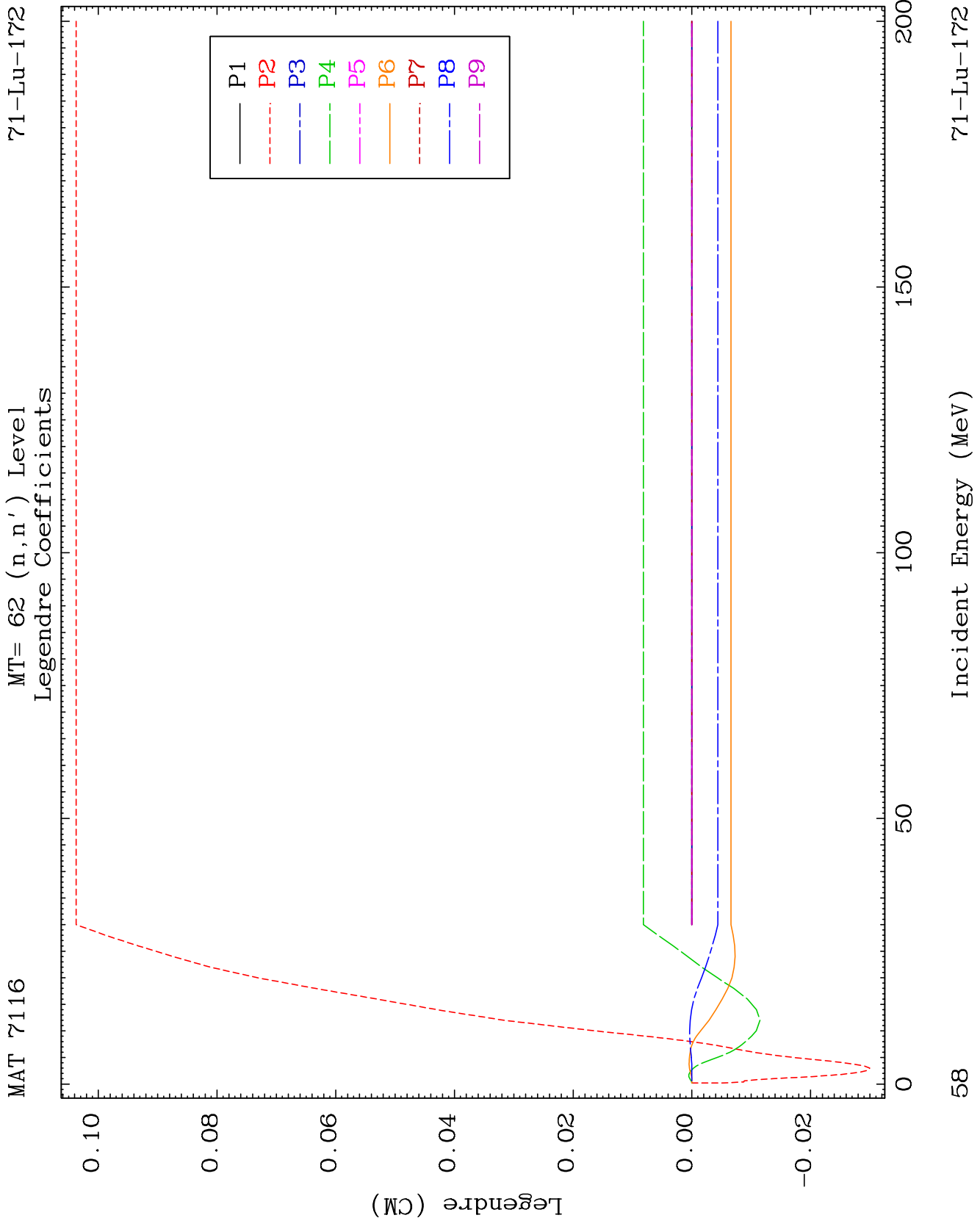


56

Incident Energy (MeV)

71-Lu-172

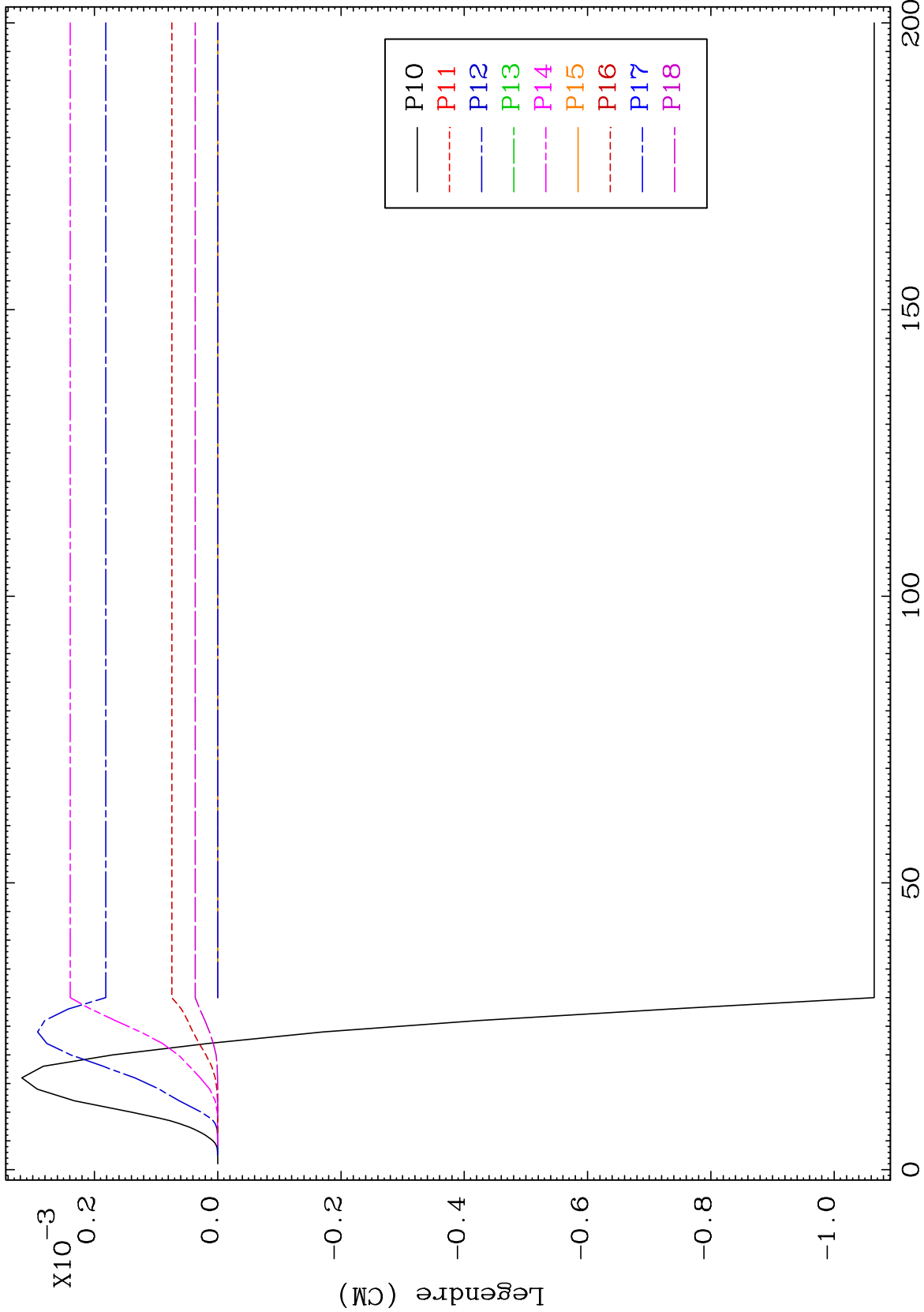




MAT 7116

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

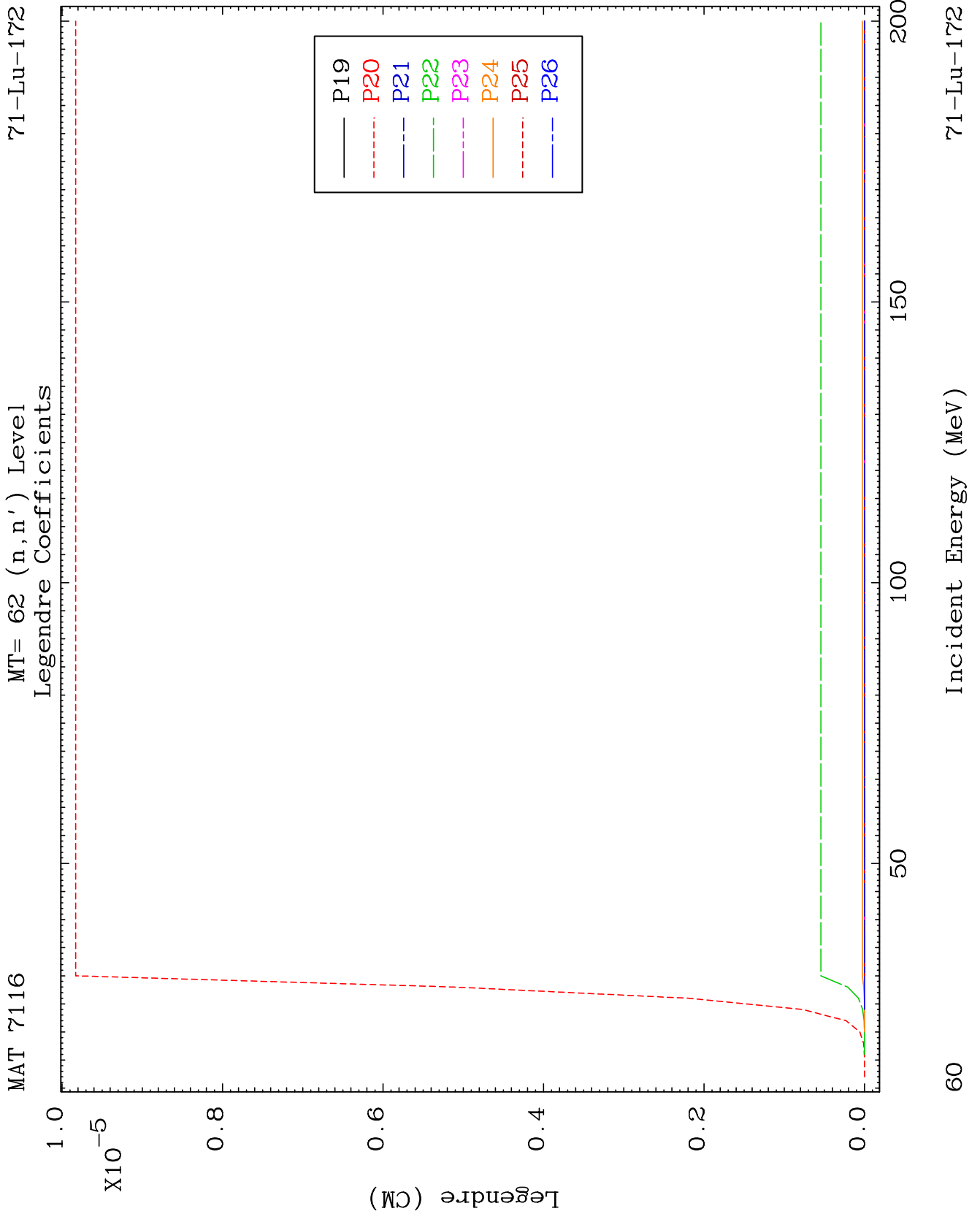
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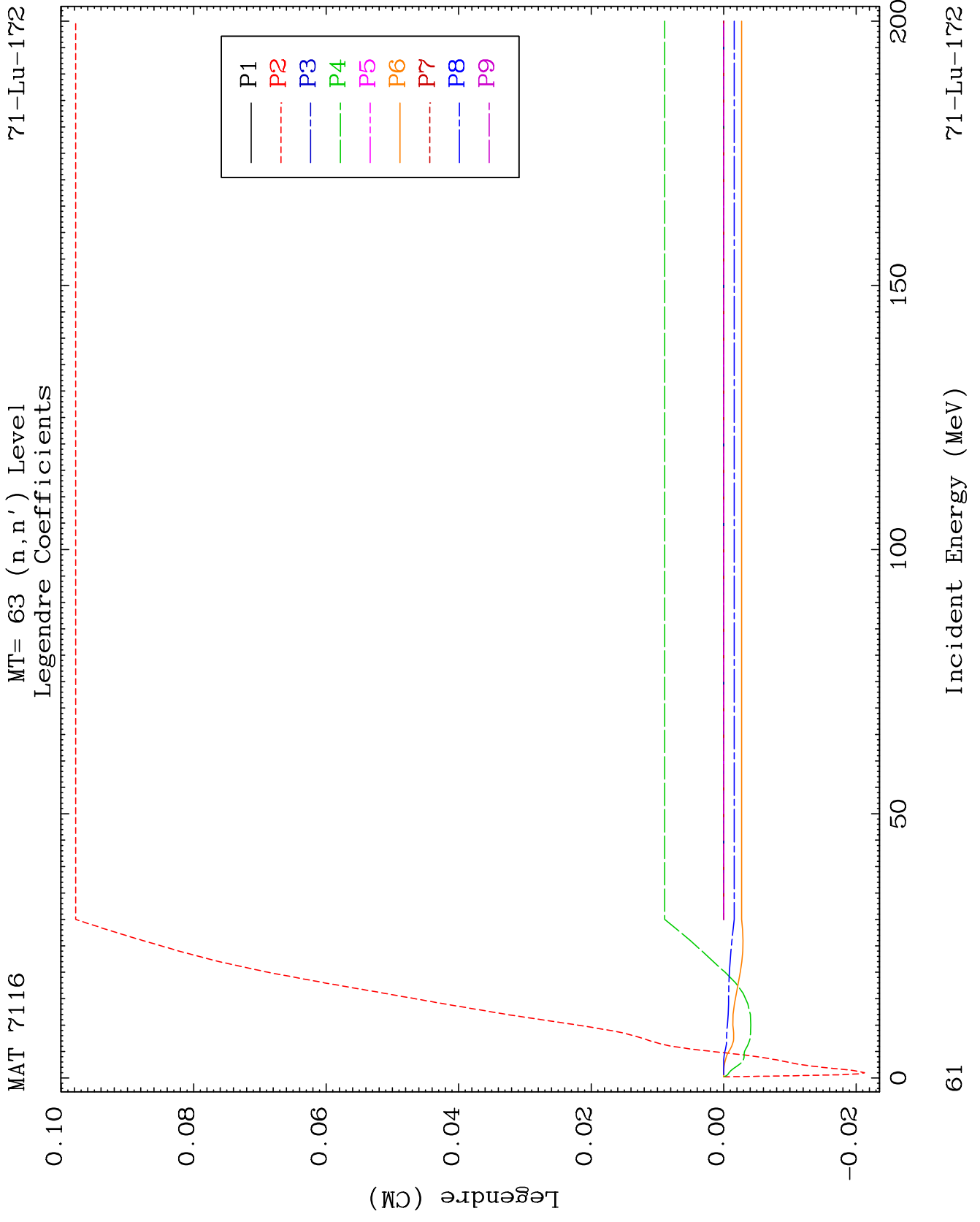


59

Incident Energy (MeV)

71-Lu-172

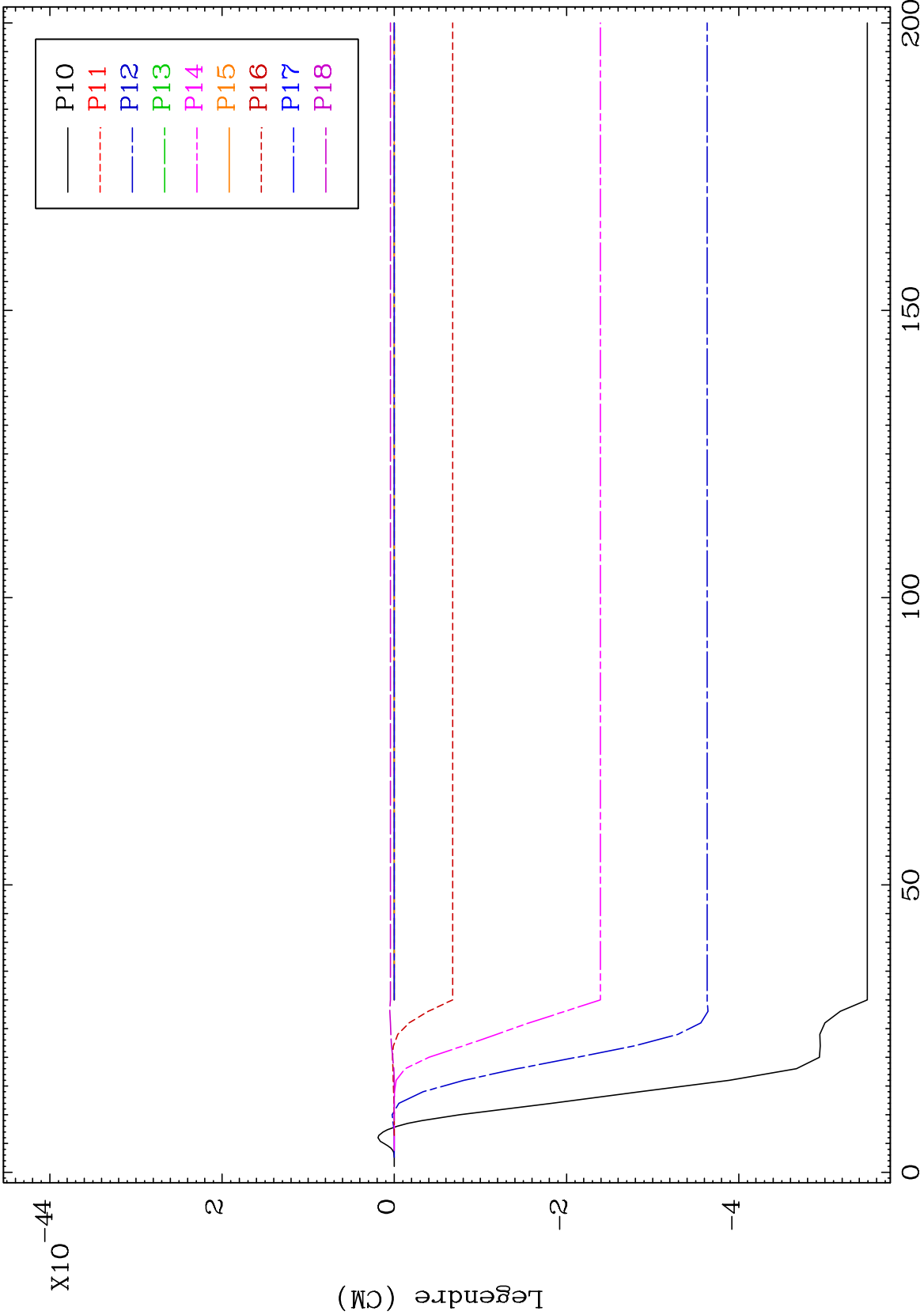




MAT 71116

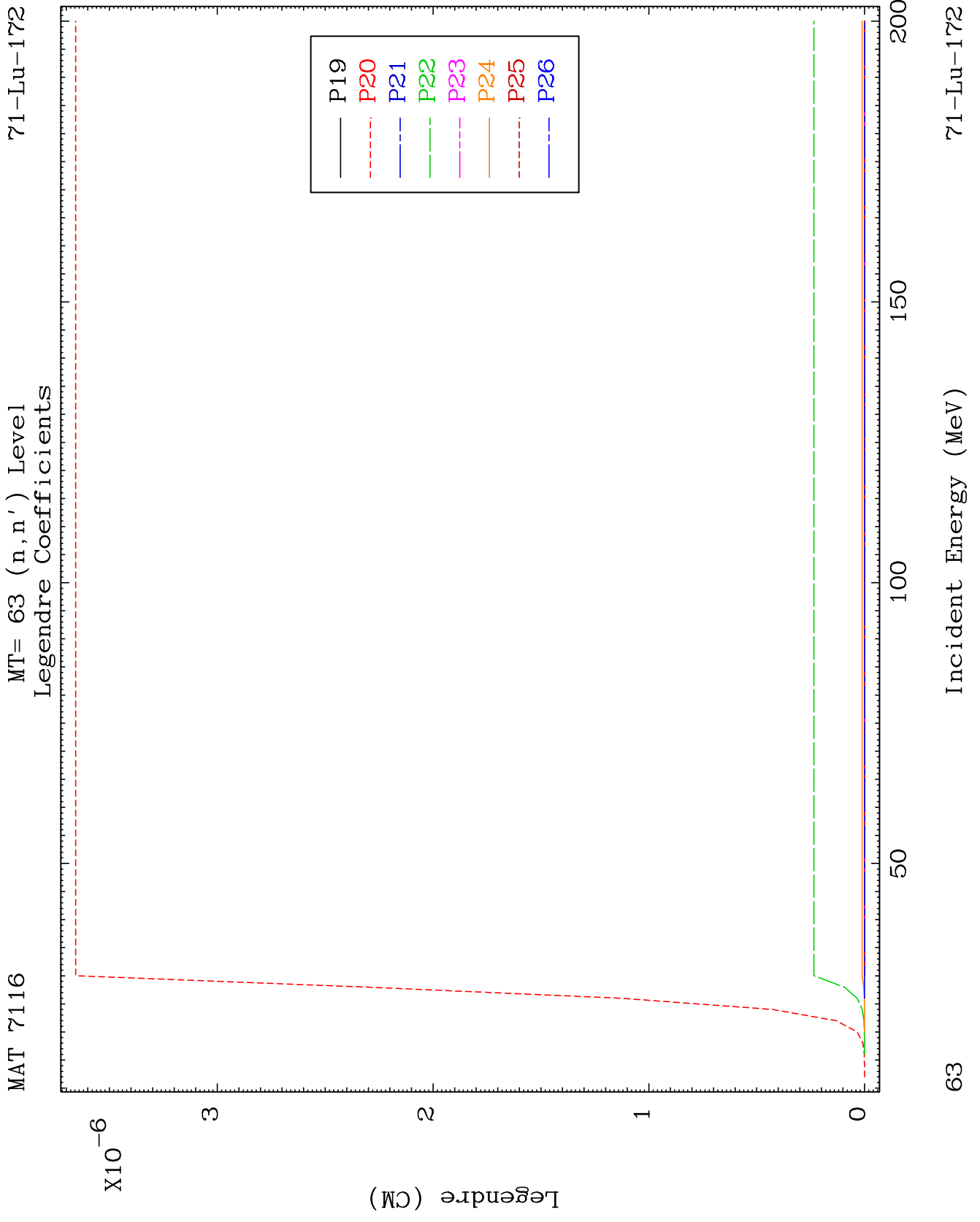
MT= 63 (n,n') Level
Legendre Coefficients

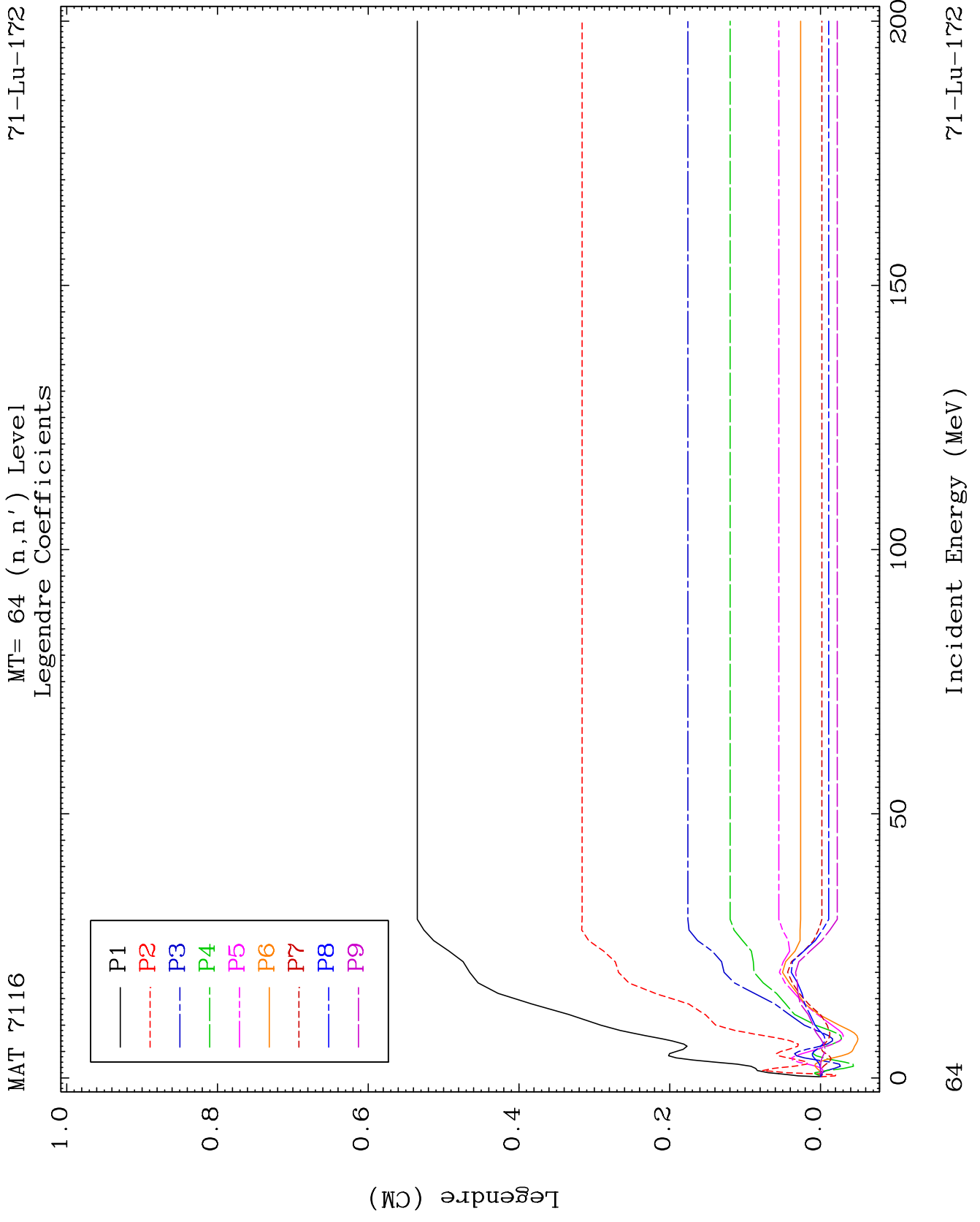
71-Lu-172

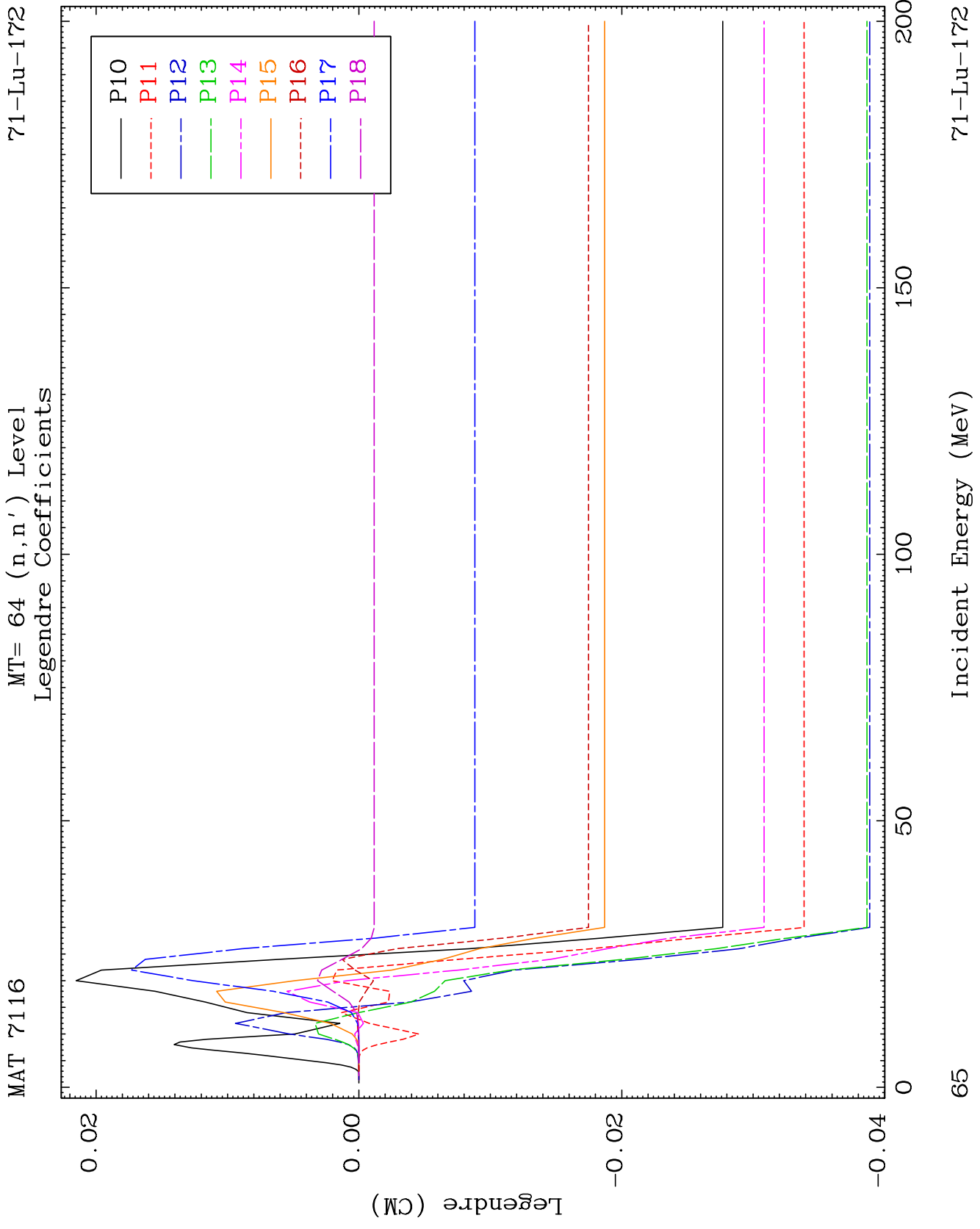


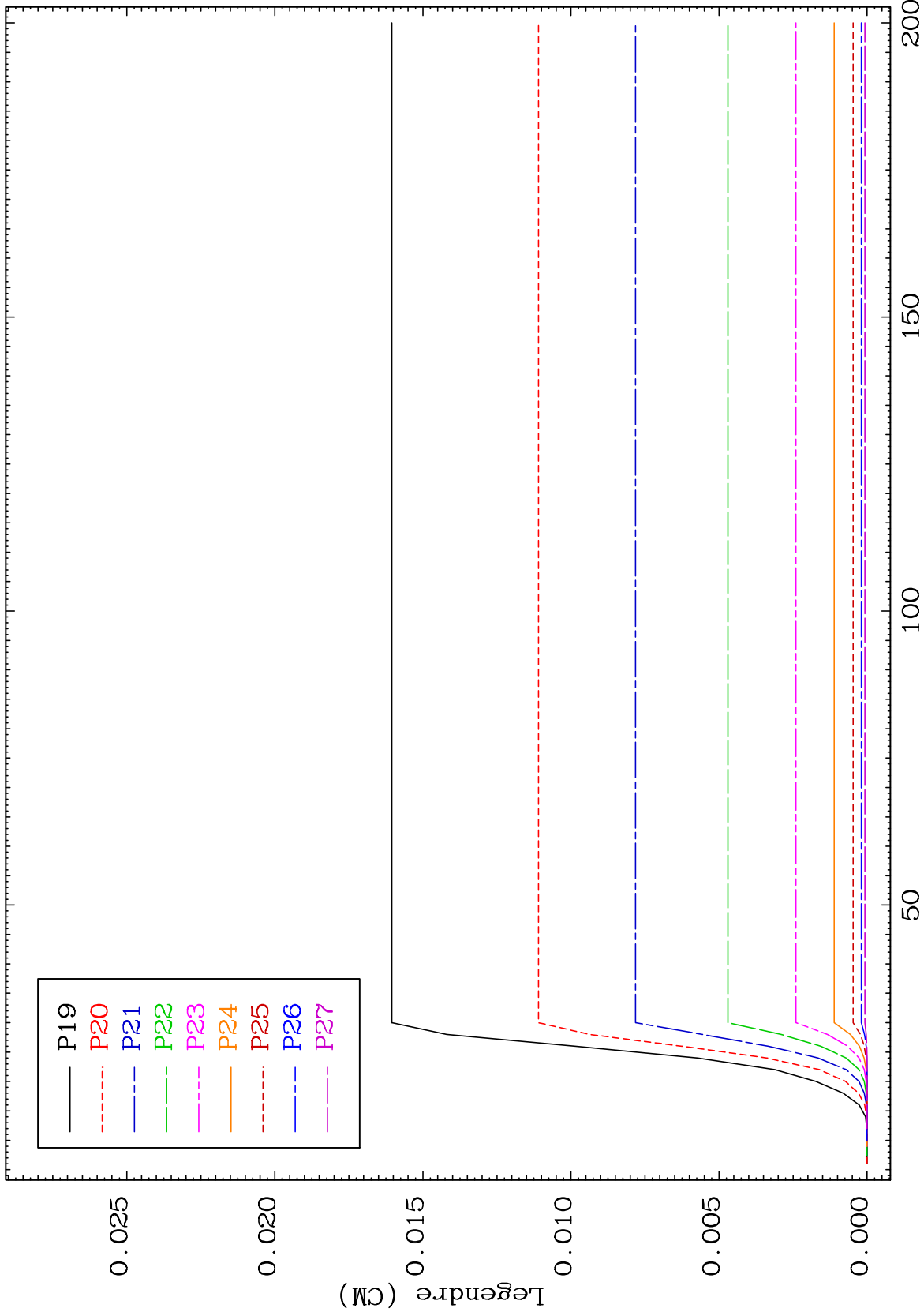
62

71-Lu-172





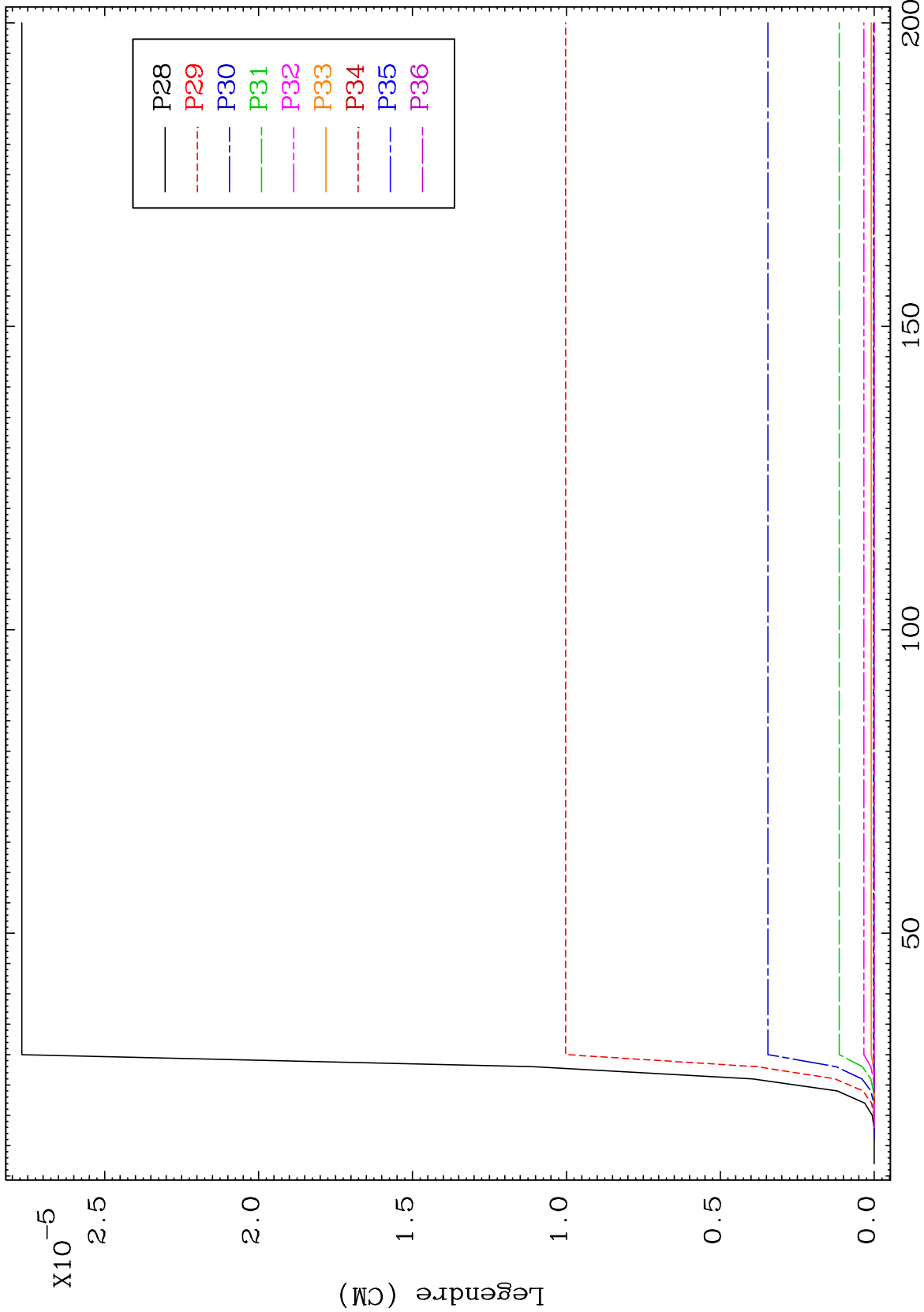




MAT 7116

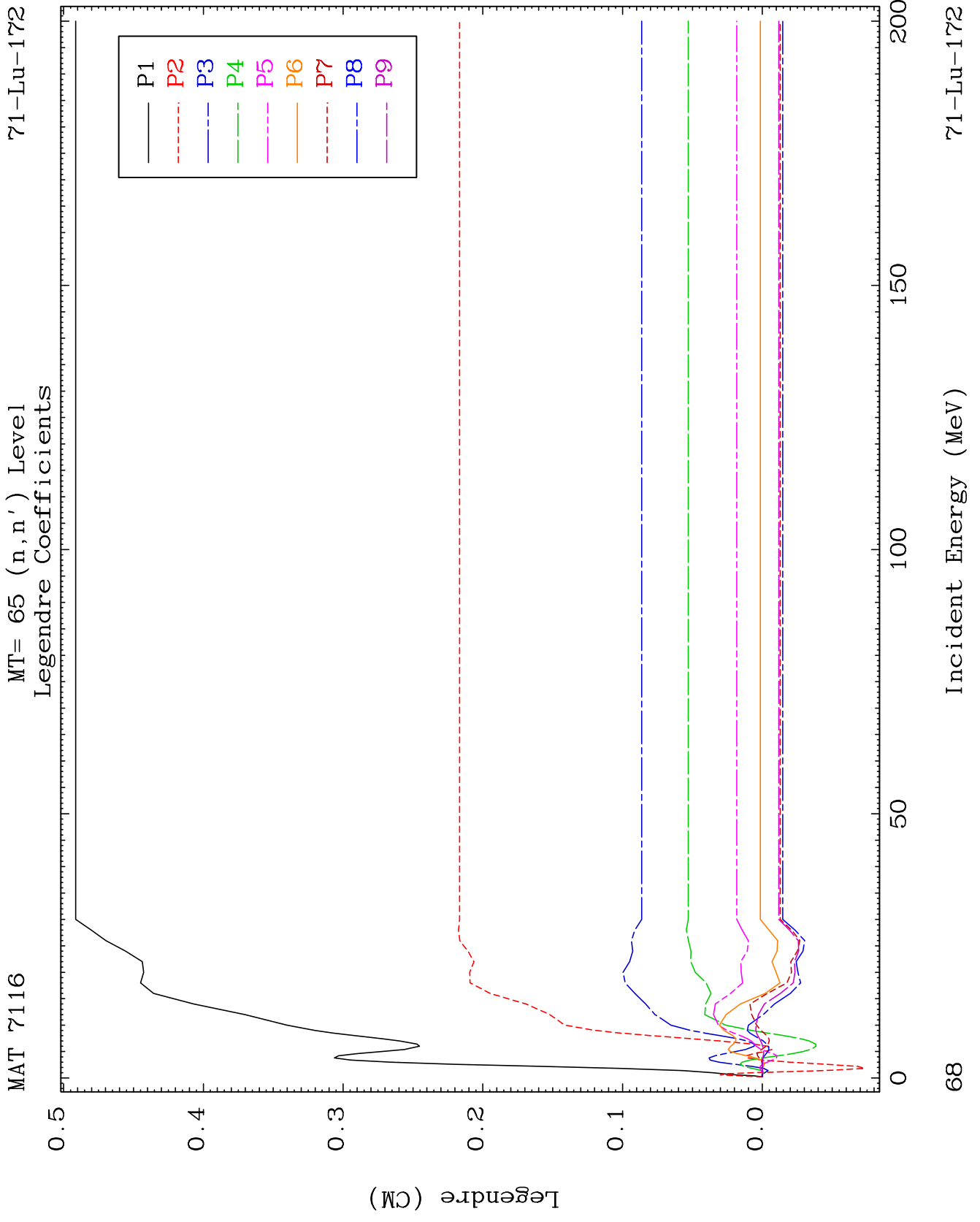
MT= 64 (n,n') Level
Legendre Coefficients

71-Lu-172



67

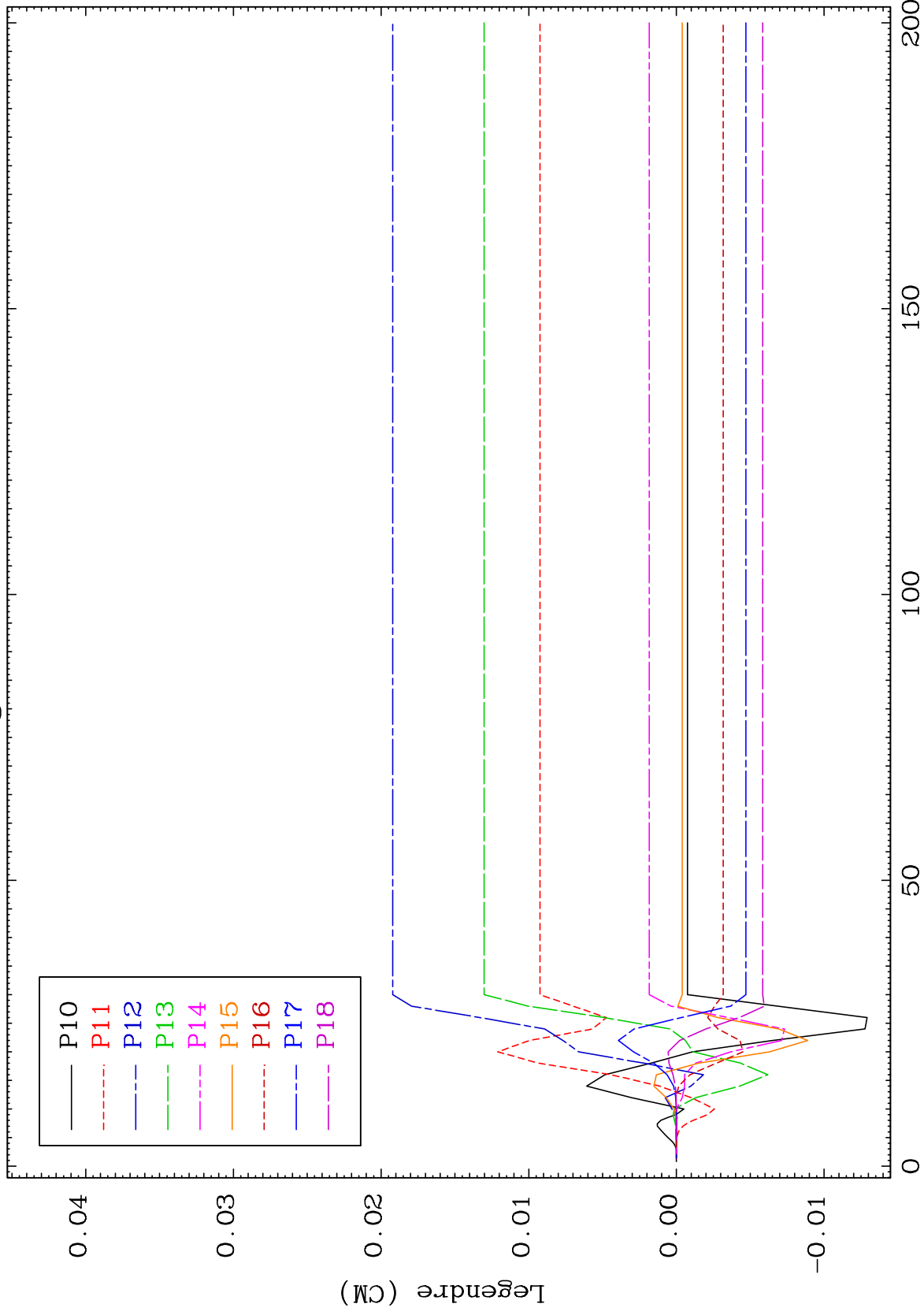
71-Lu-172



MAT 7116

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

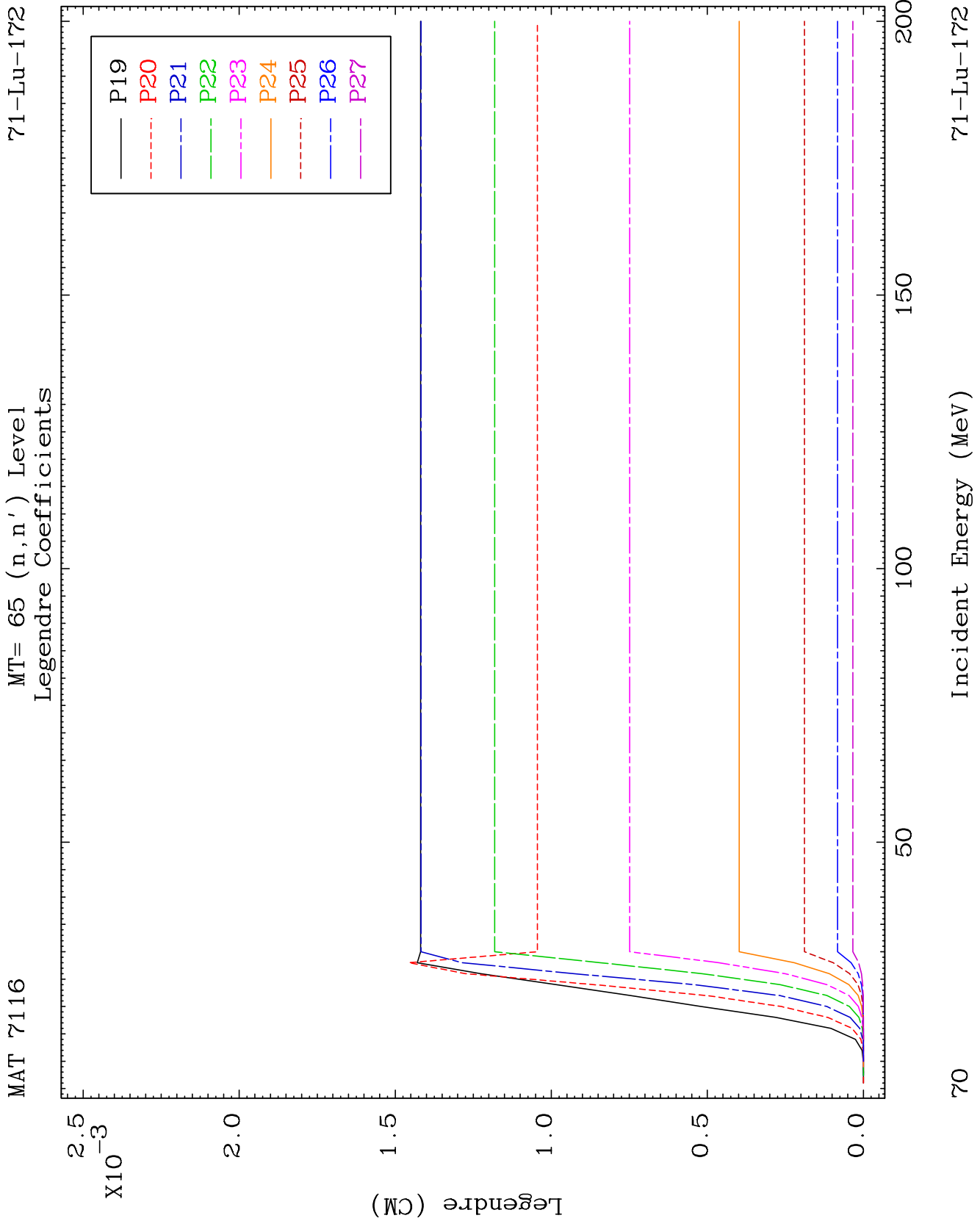
71-Lu-172



69

Incident Energy (MeV)

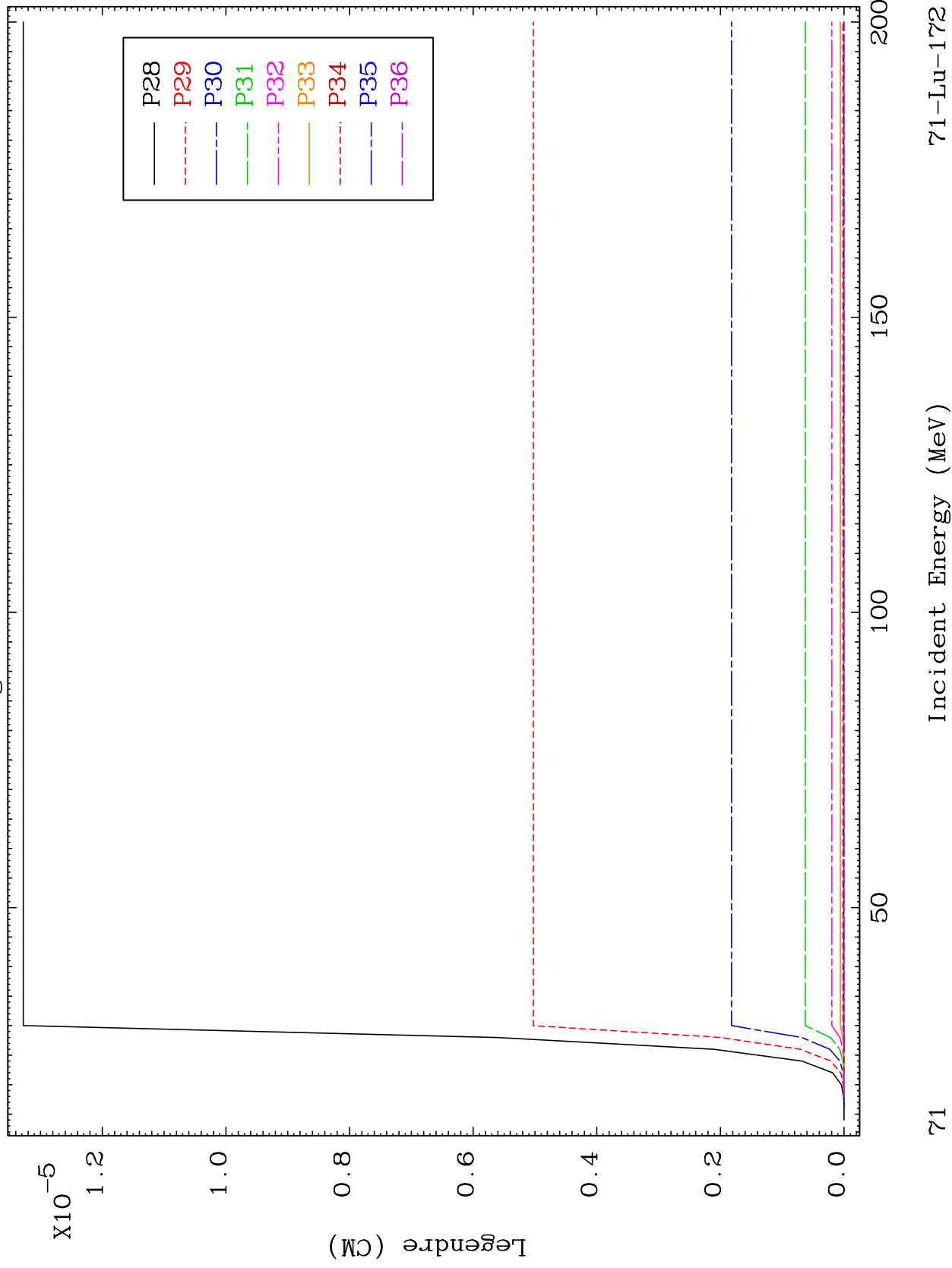
71-Lu-172



MAT 7116

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

71-Lu-172



71

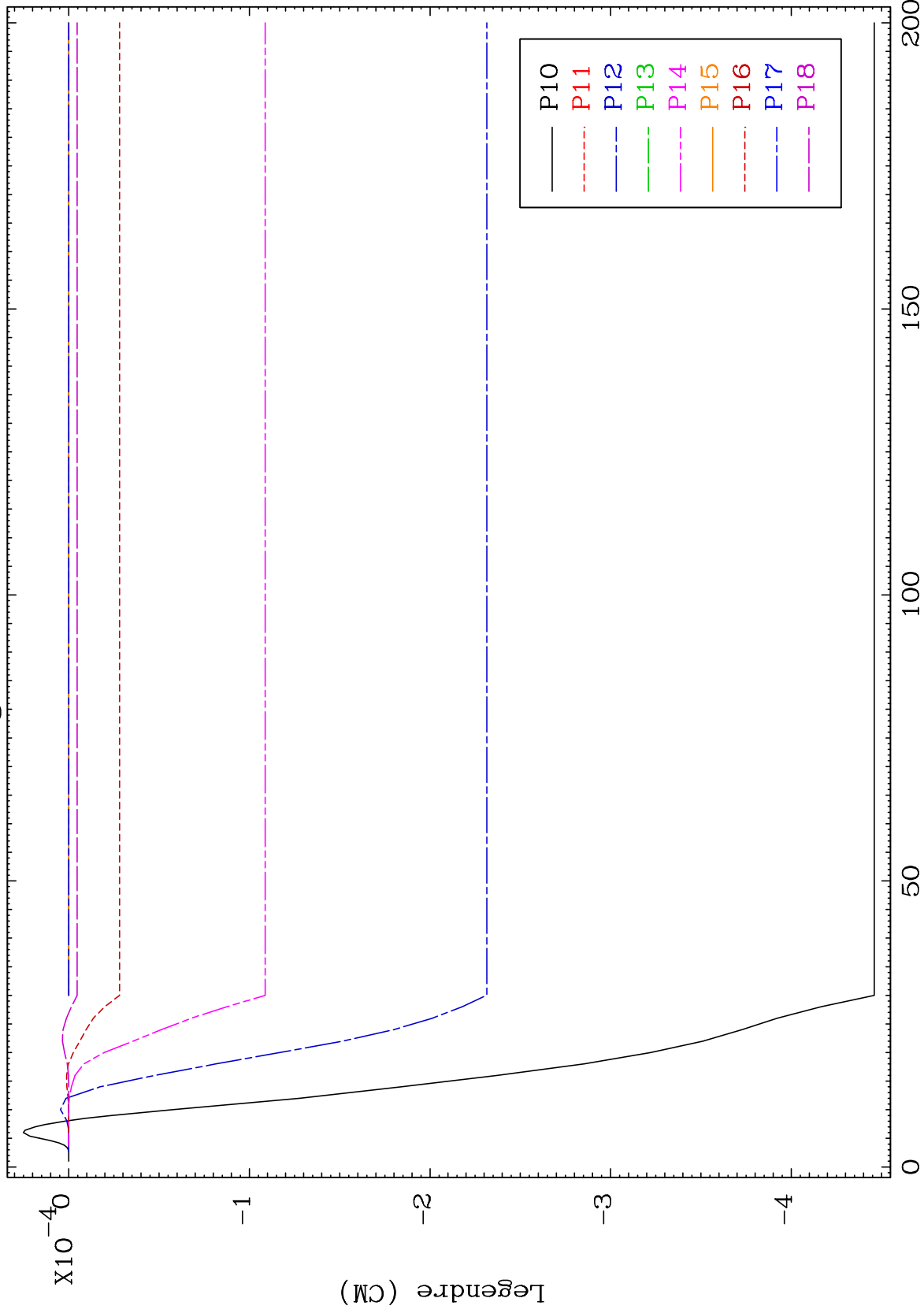
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

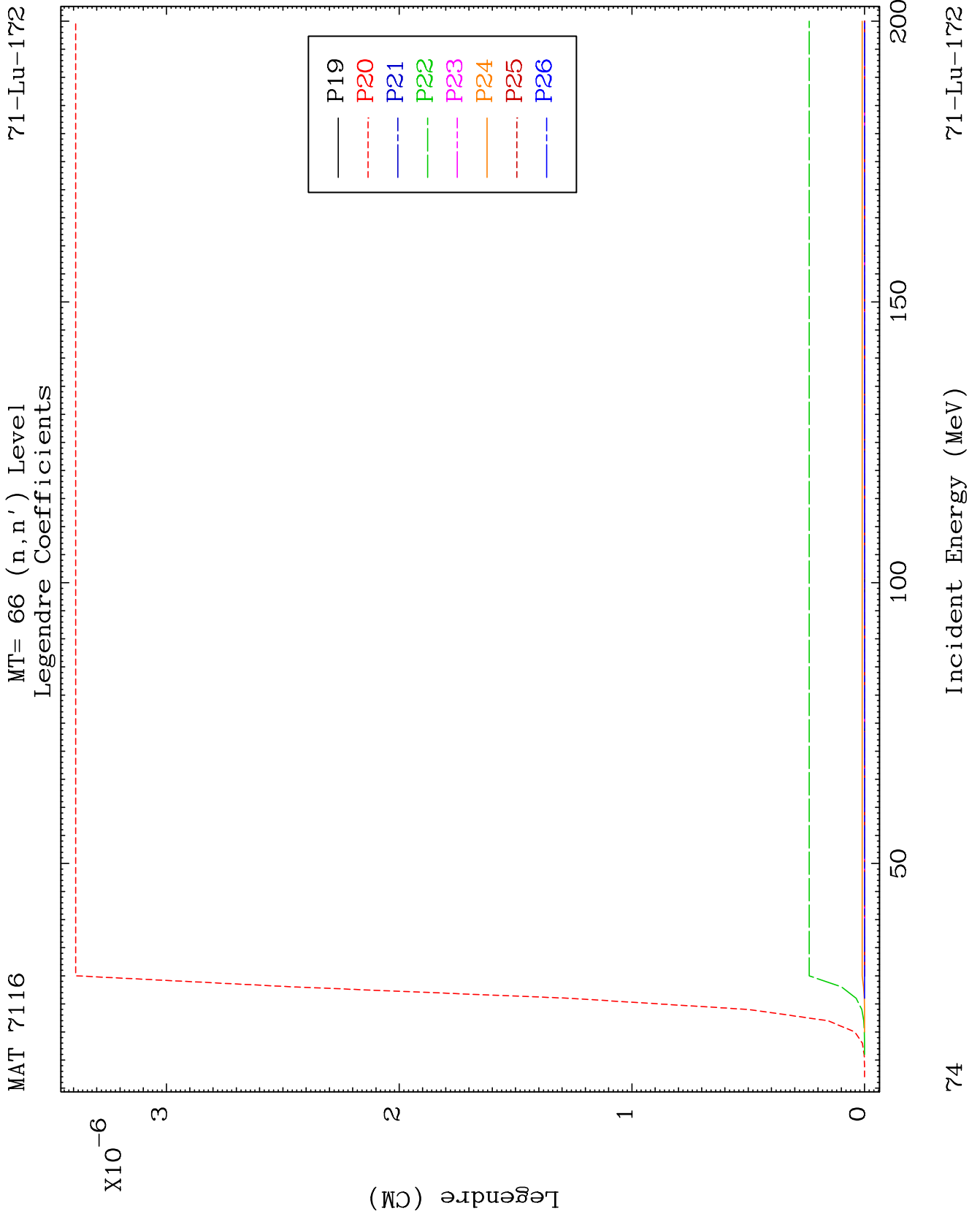
71-Lu-172



73

Incident Energy (MeV)

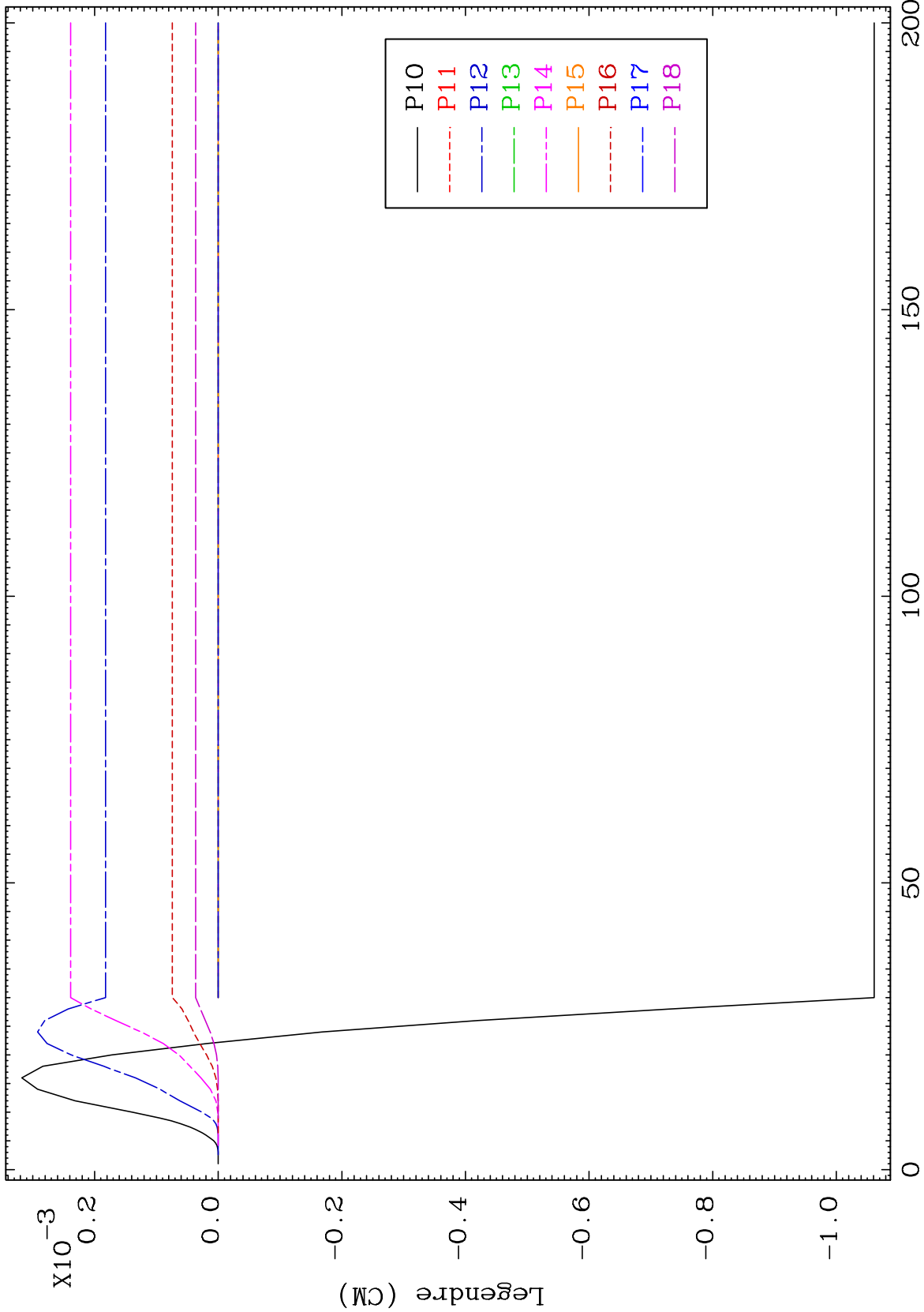
71-Lu-172



MAT 7116

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

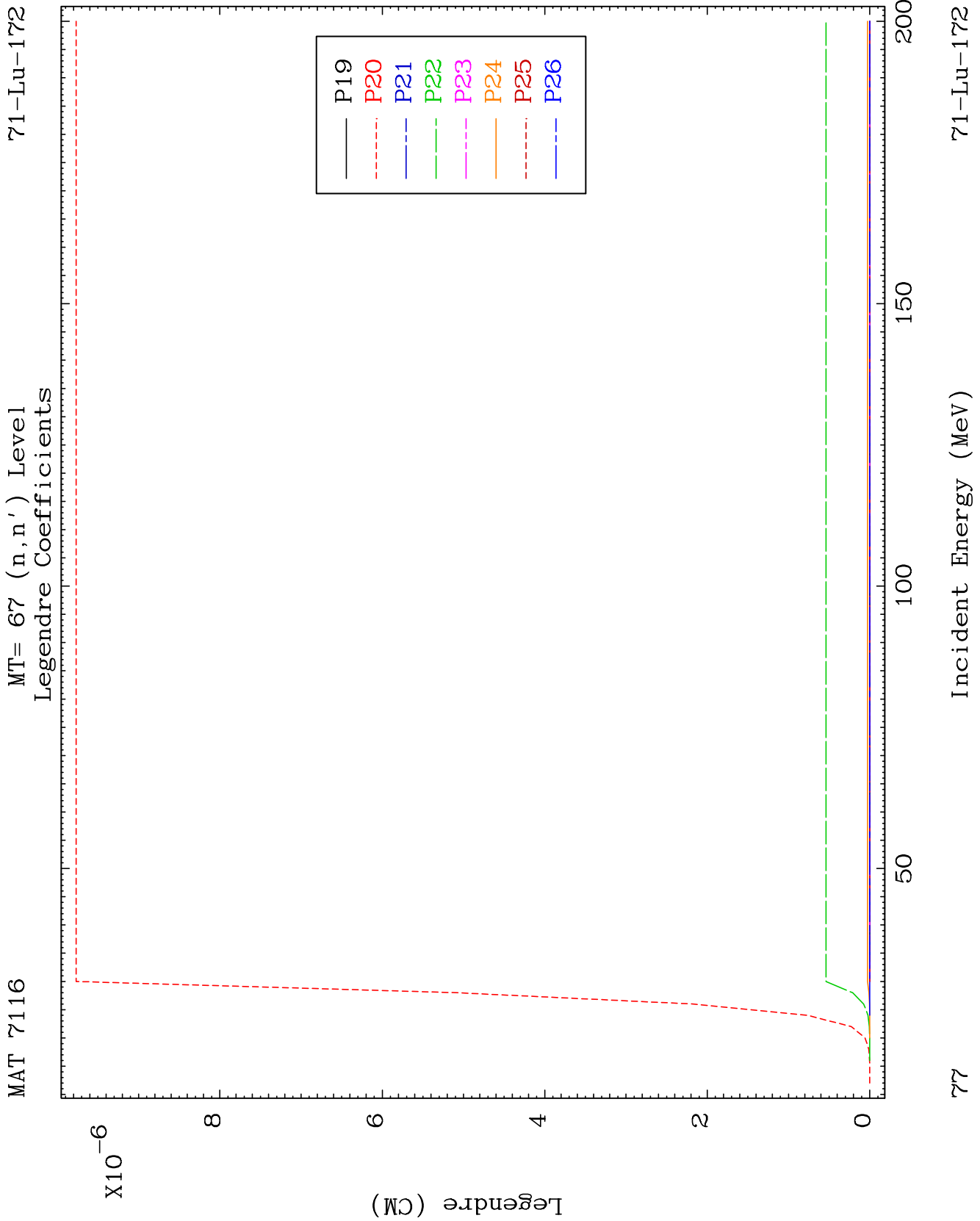
71-Lu-172

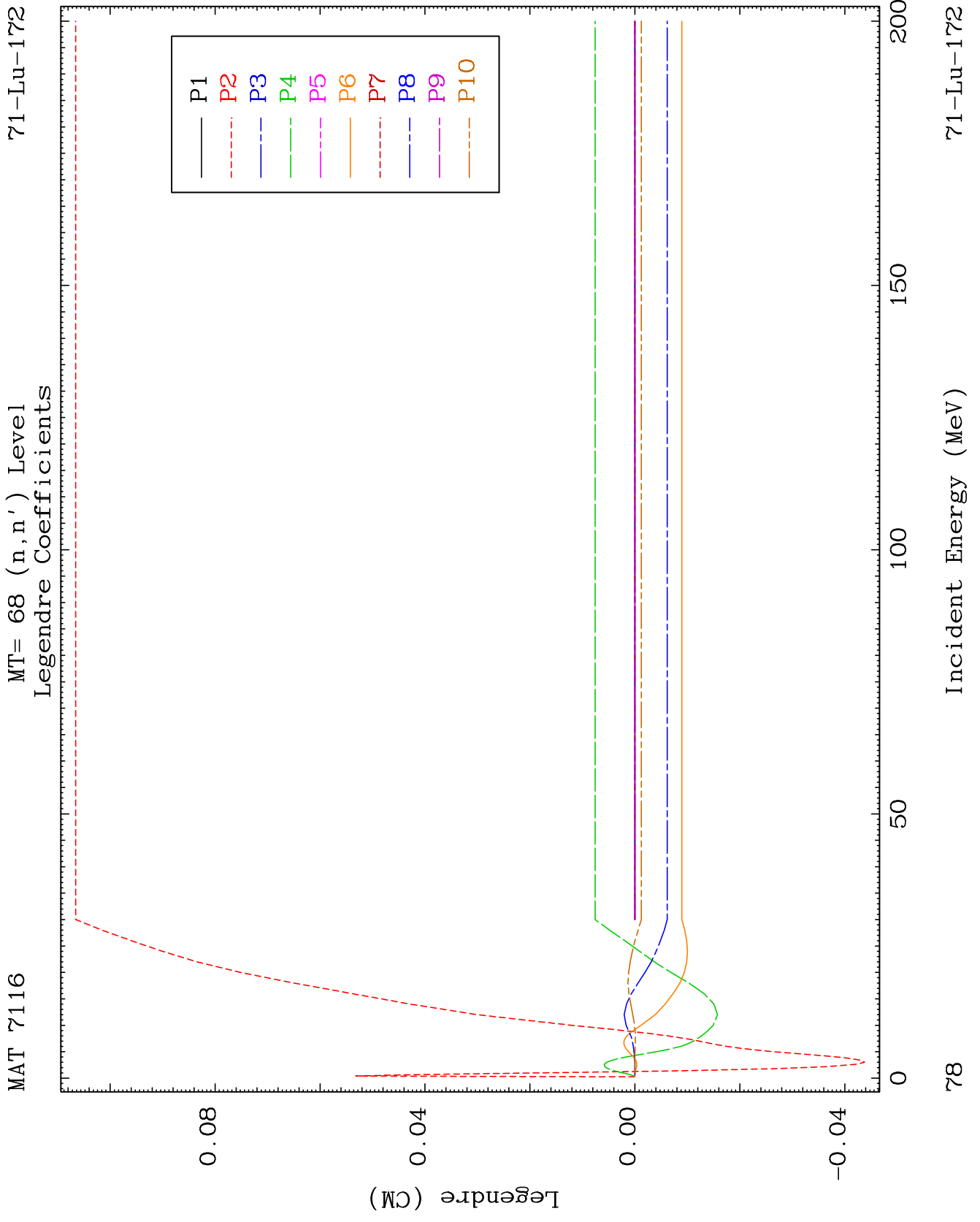


76

Incident Energy (MeV)

71-Lu-172

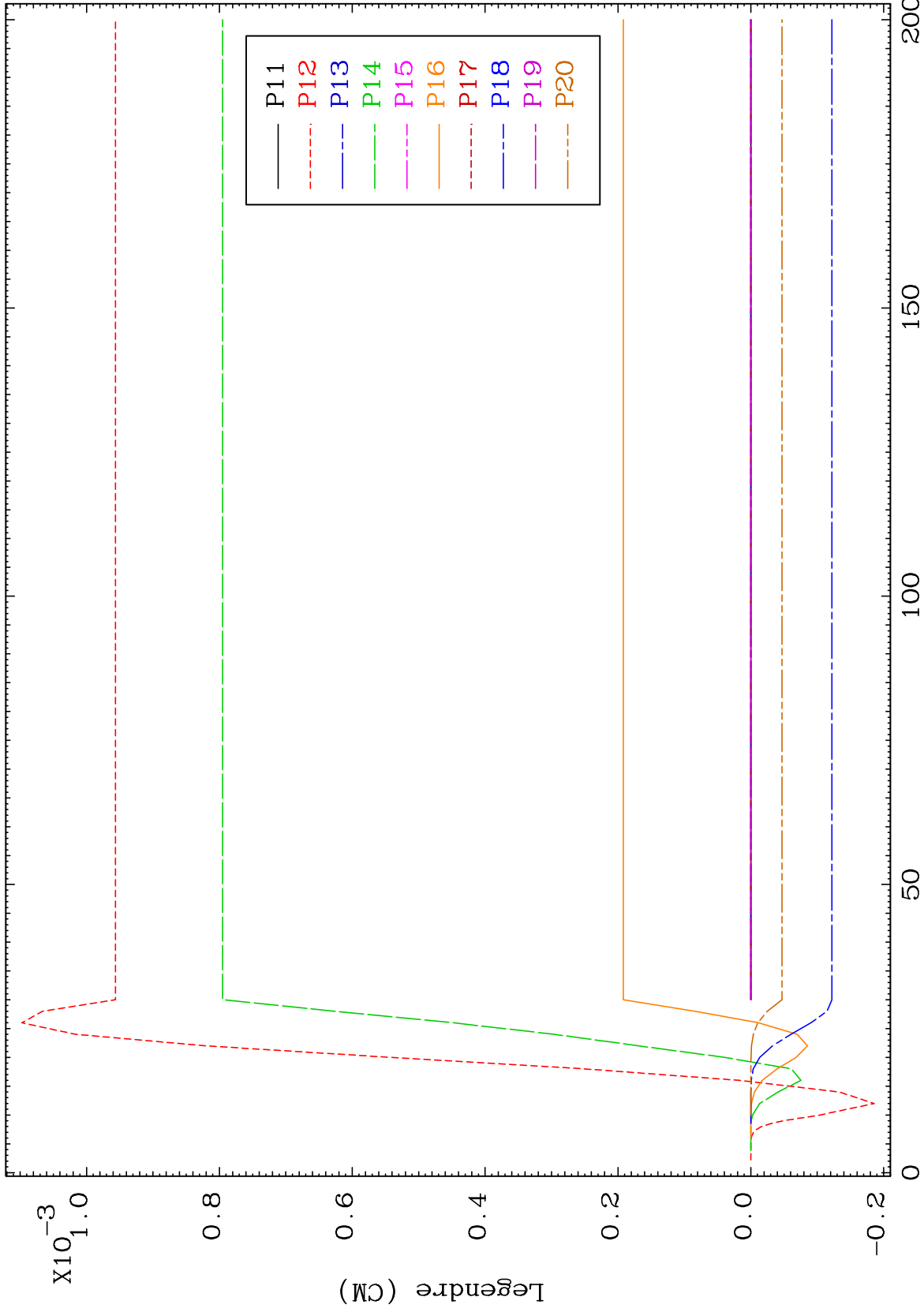




MAT 7116

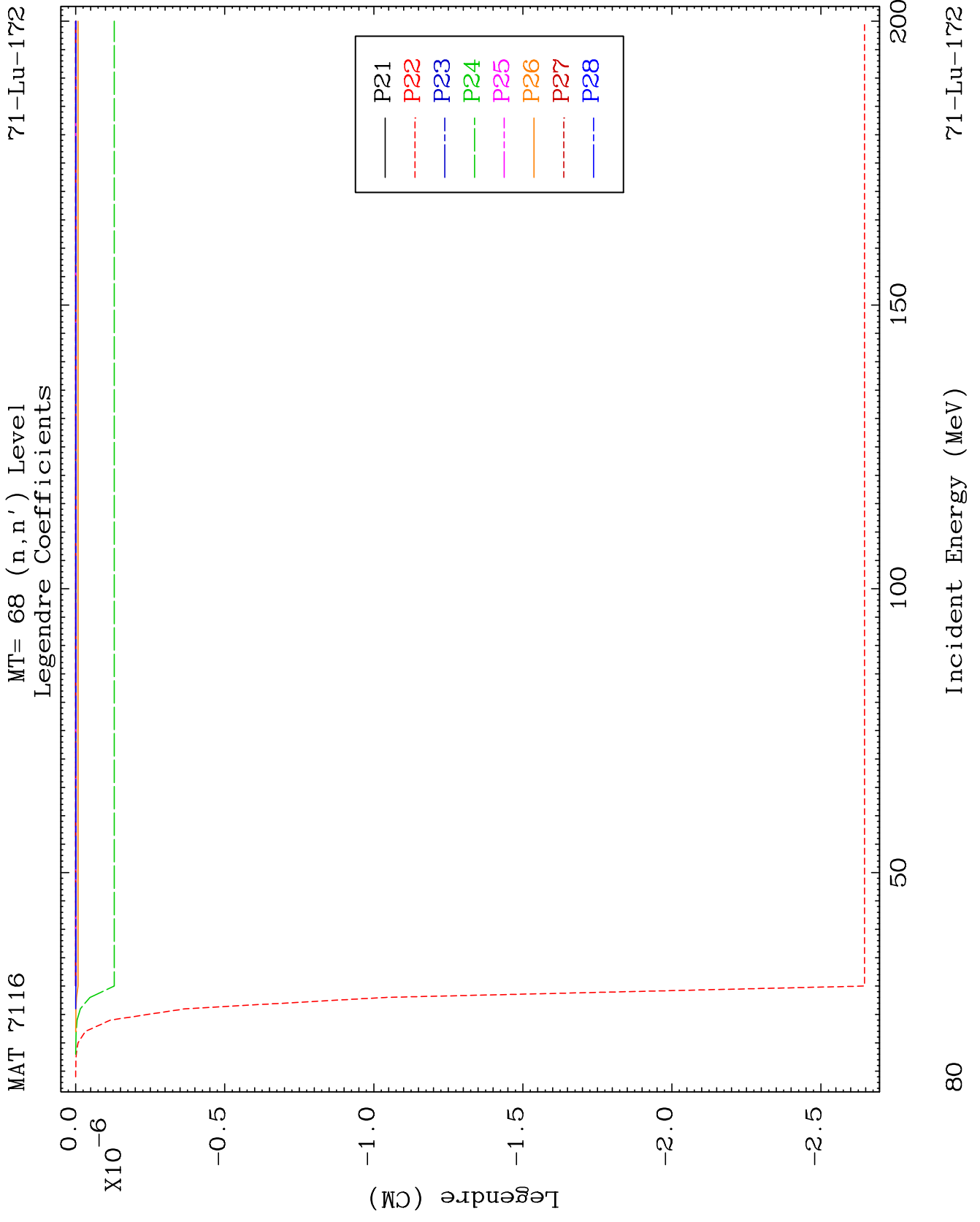
MT= 68 (n,n') Level
Legendre Coefficients

71-Lu-172



79

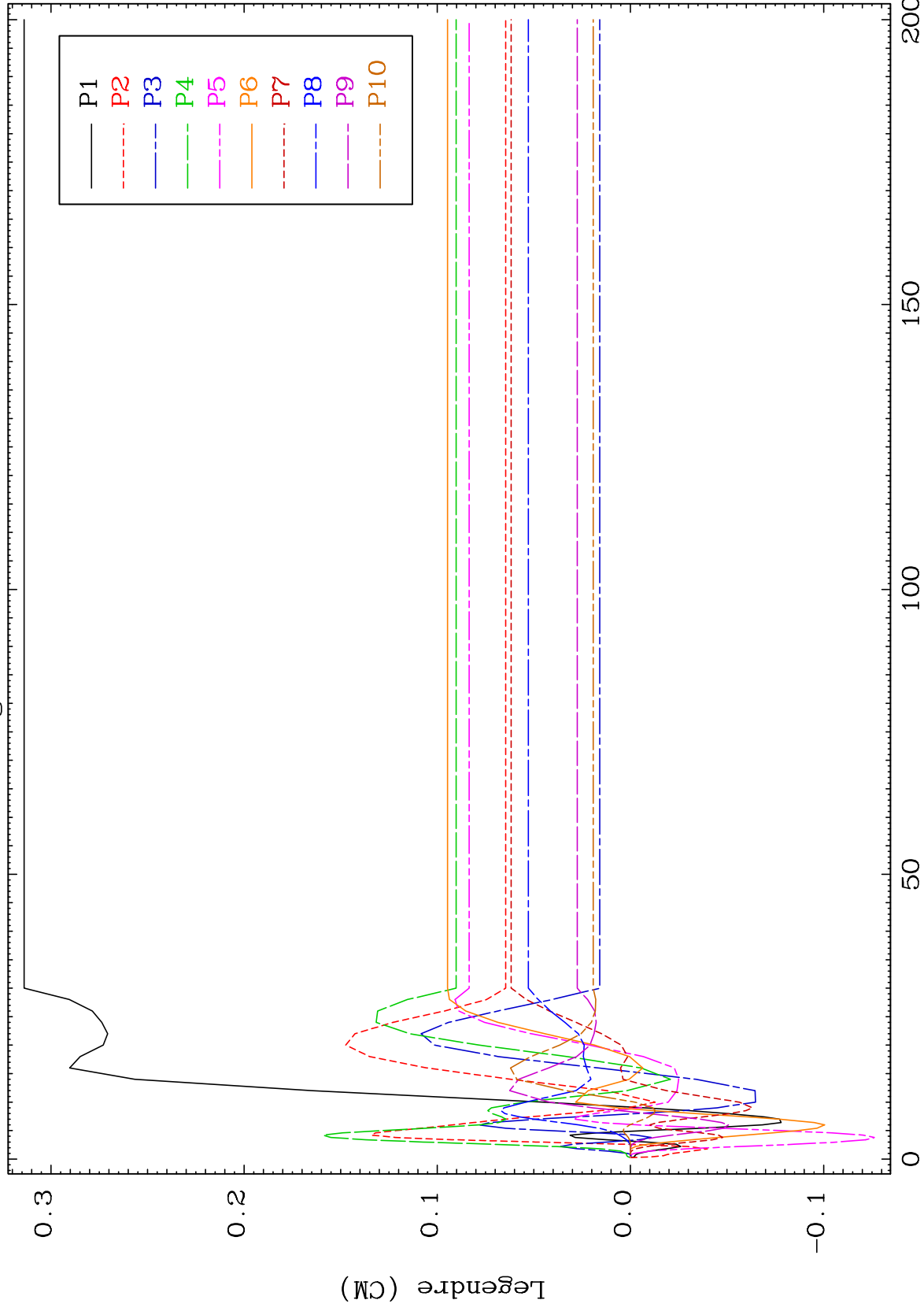
71-Lu-172



MAT 7116

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

71-Lu-172



81

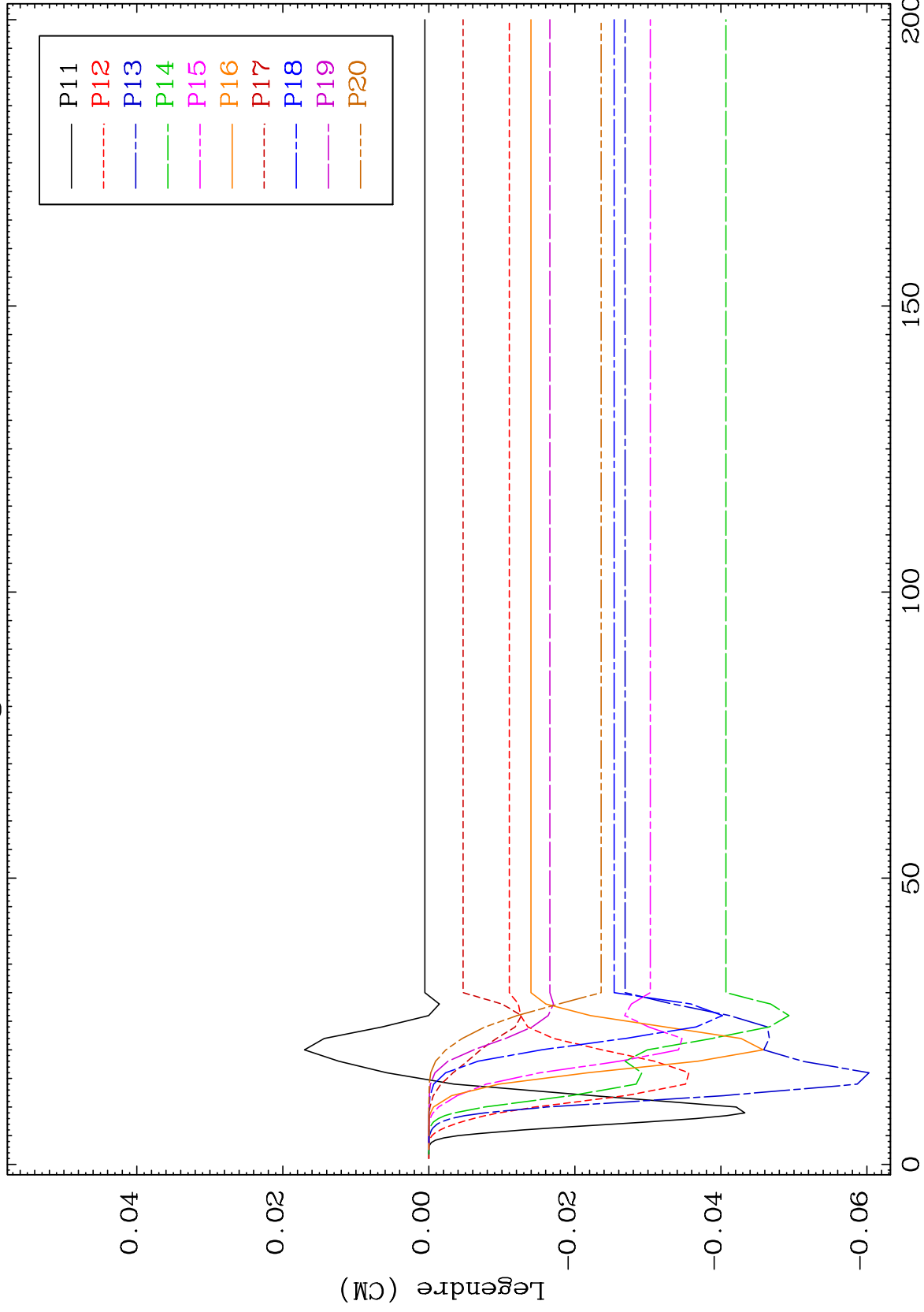
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

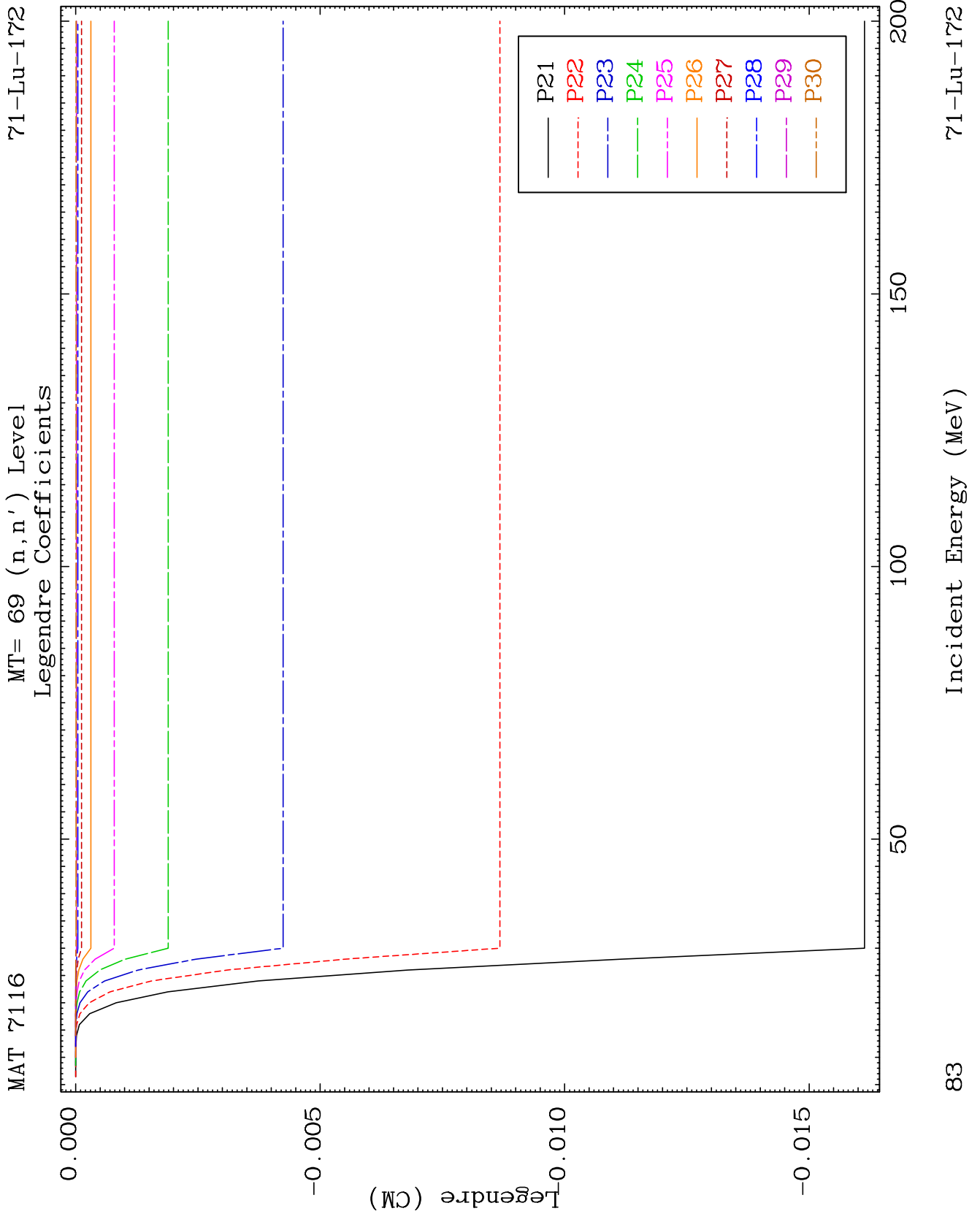
71-Lu-172



82

Incident Energy (MeV)

71-Lu-172

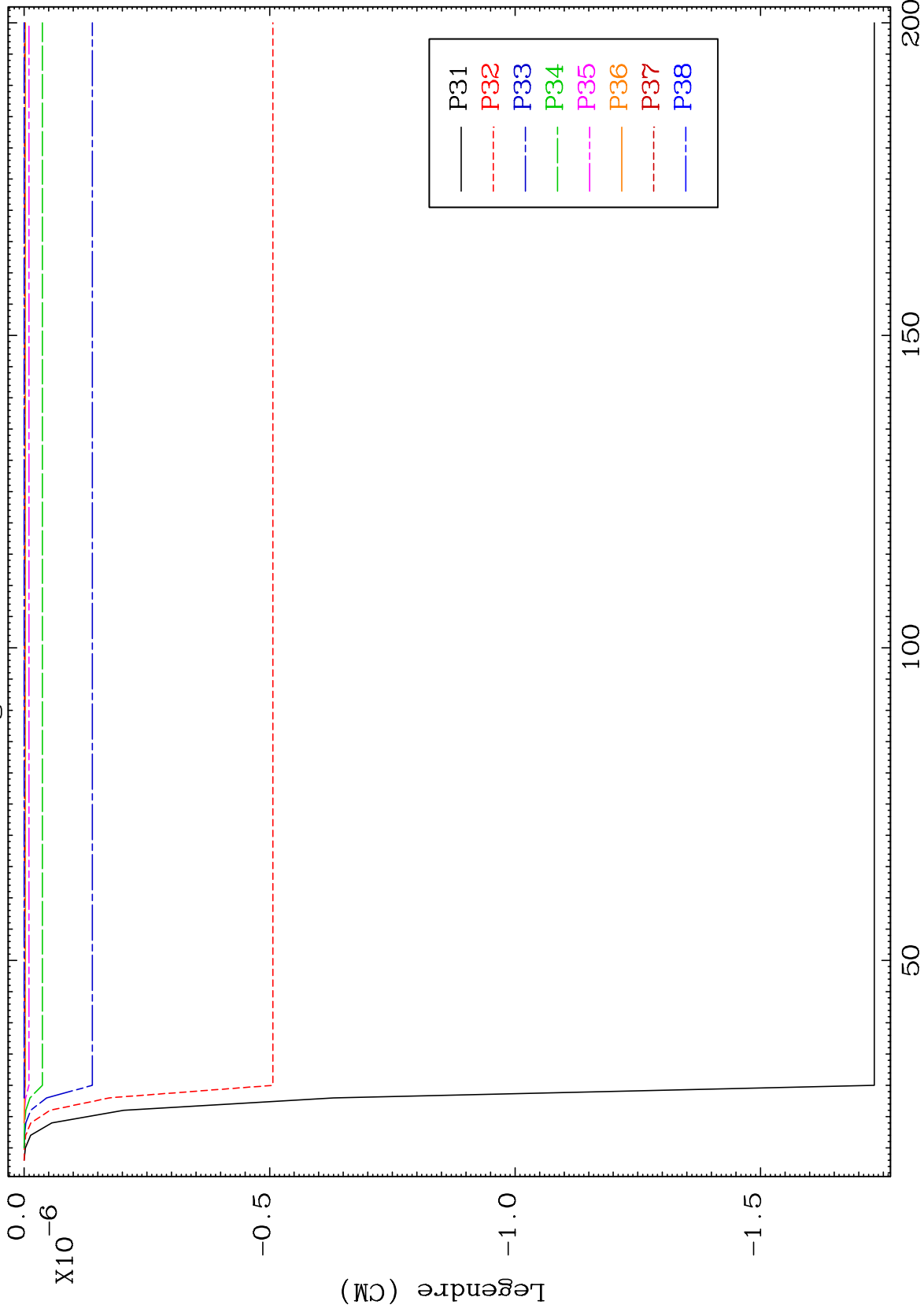


MAT 7116

MT= 69 (n,n') Level

71-Lu-172

Legendre Coefficients



84

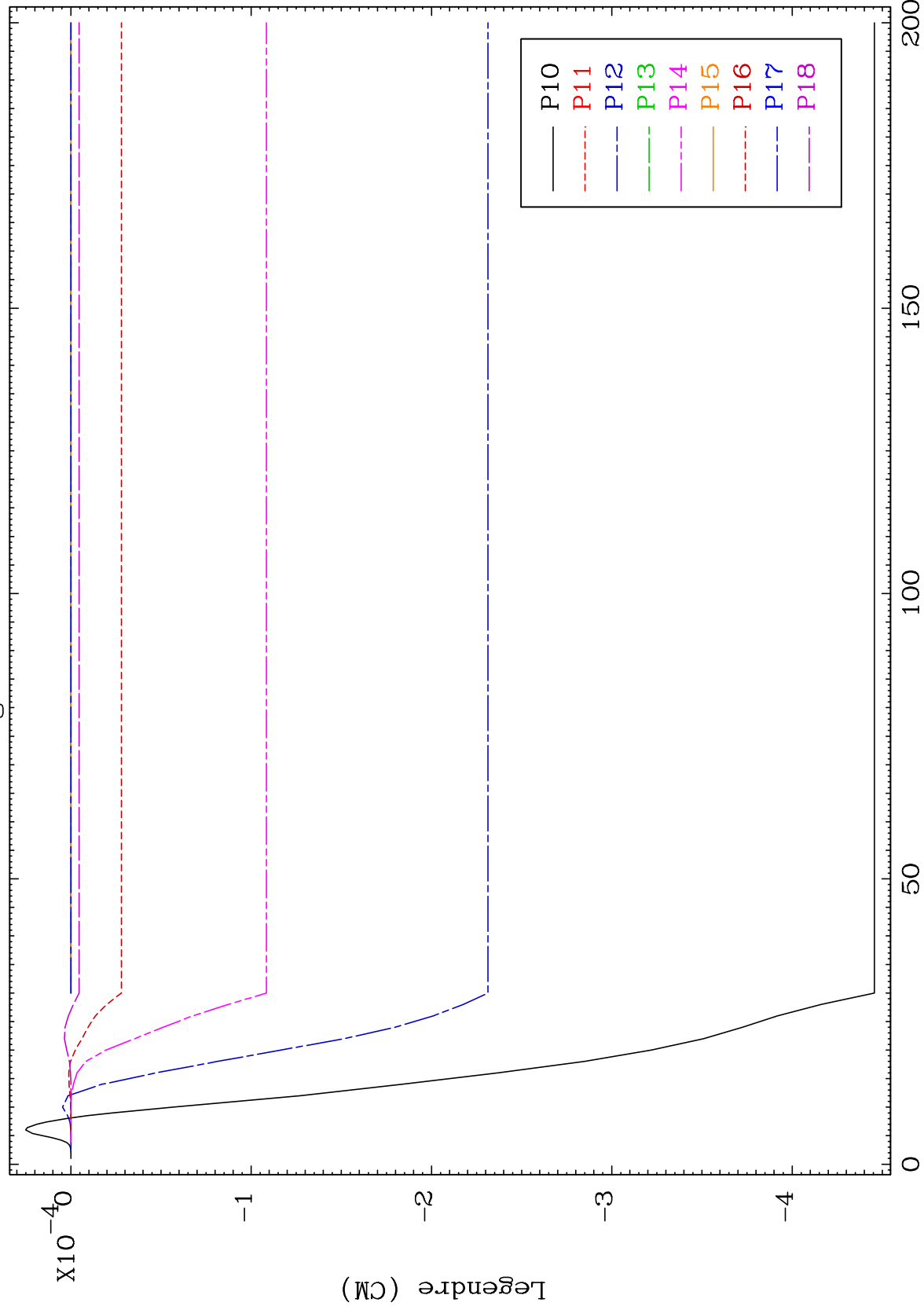
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

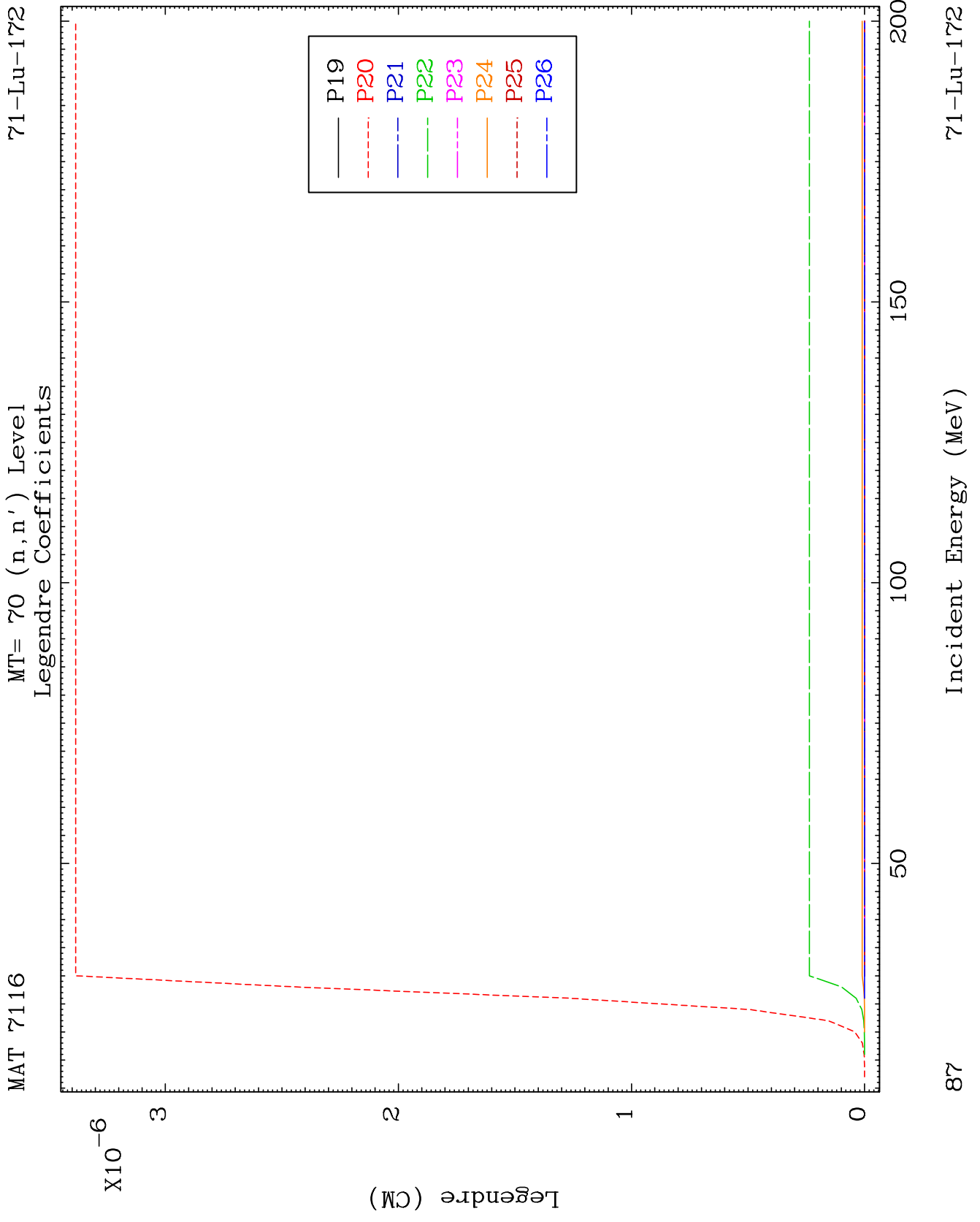
71-Lu-172

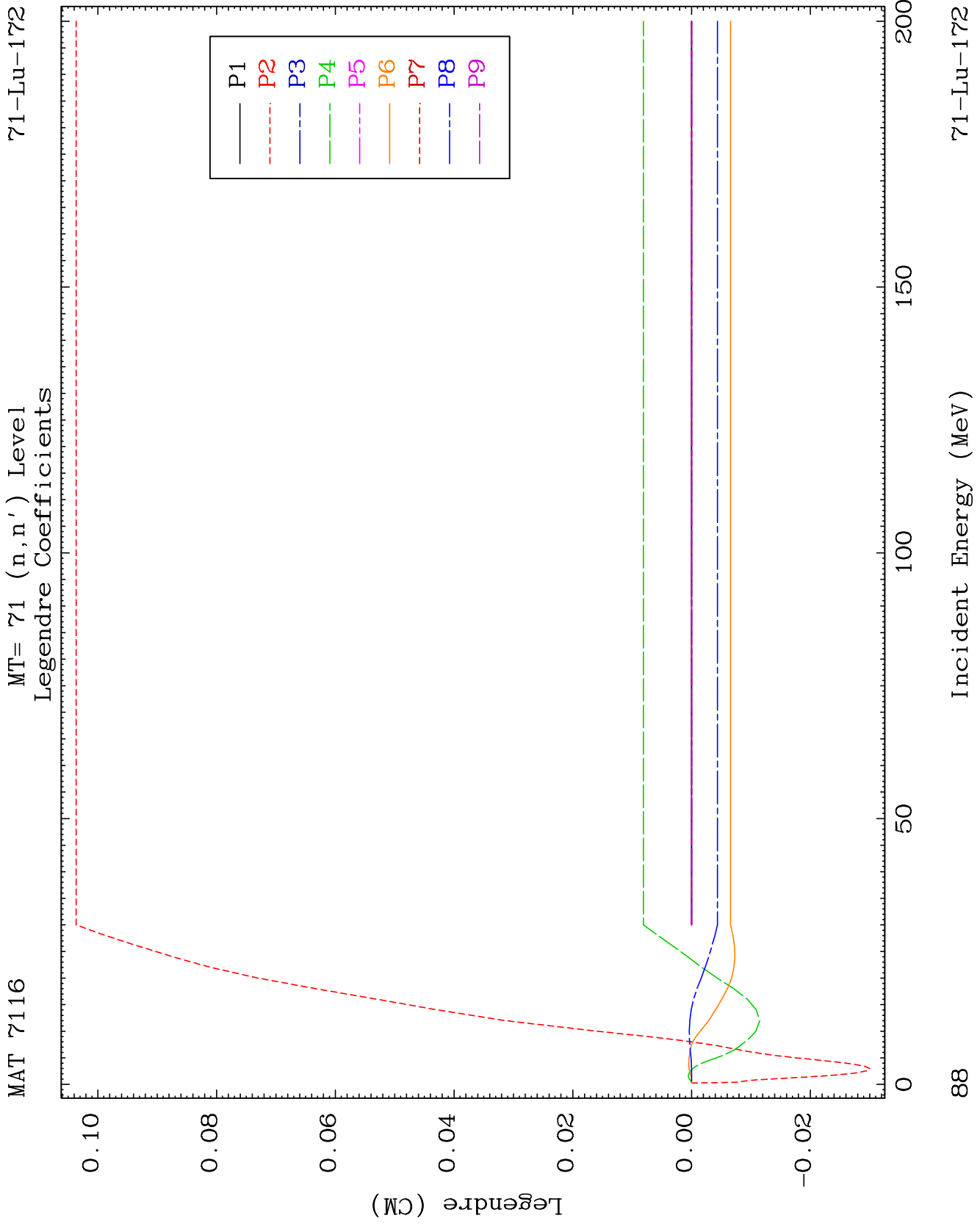


86

Incident Energy (MeV)

71-Lu-172

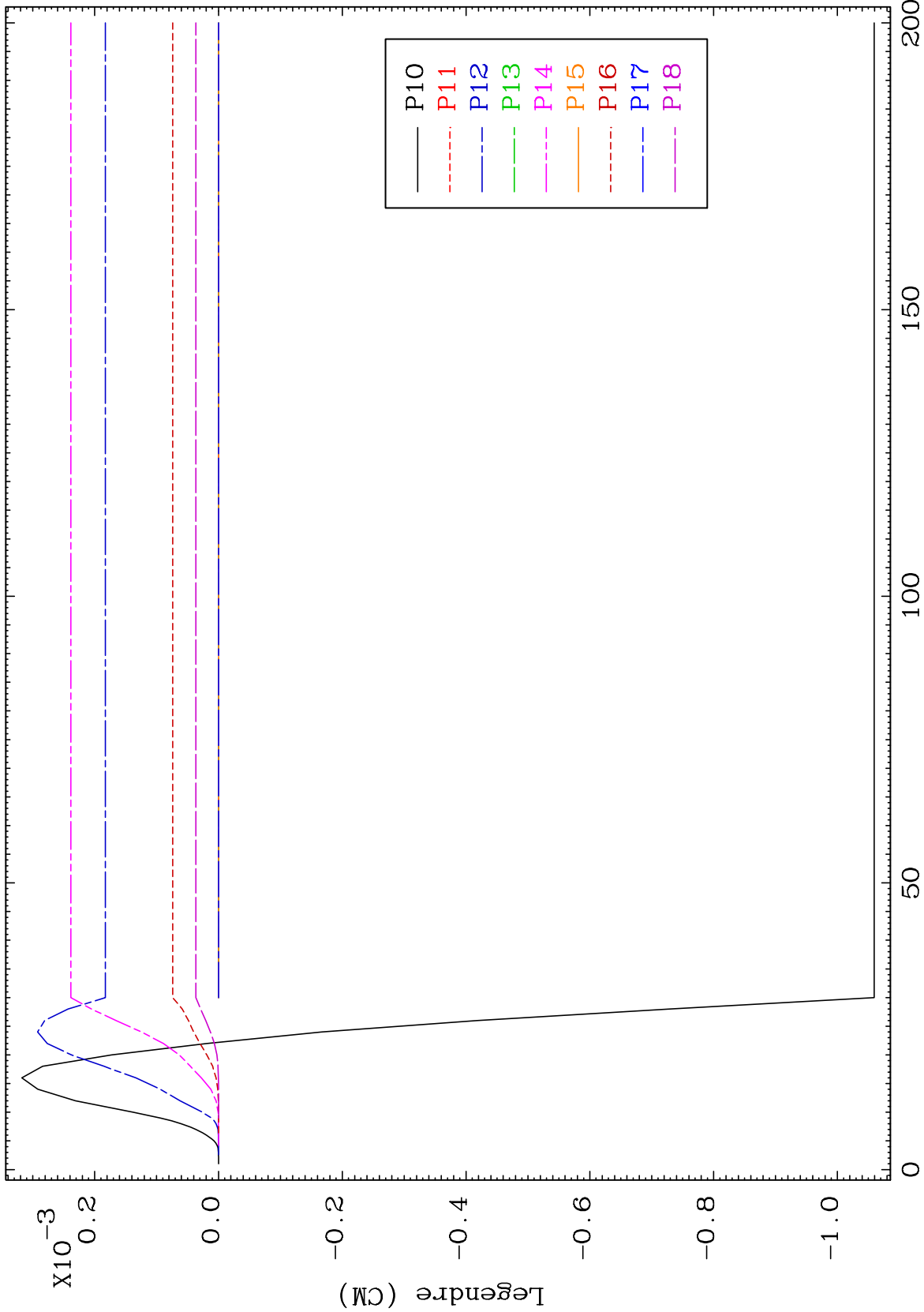




MAT 7116

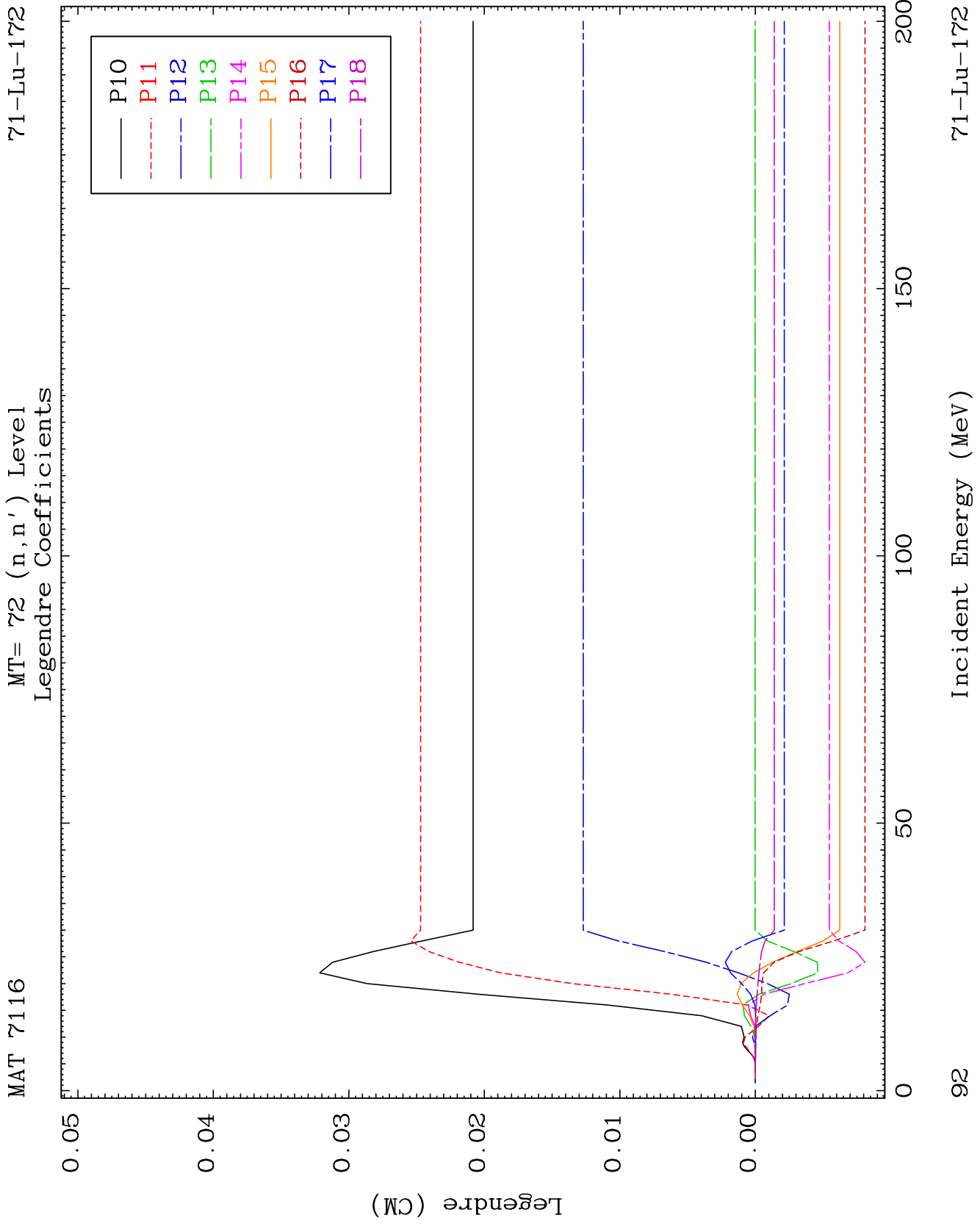
MT= 71 (n,n') Level
Legendre Coefficients

71-Lu-172



89

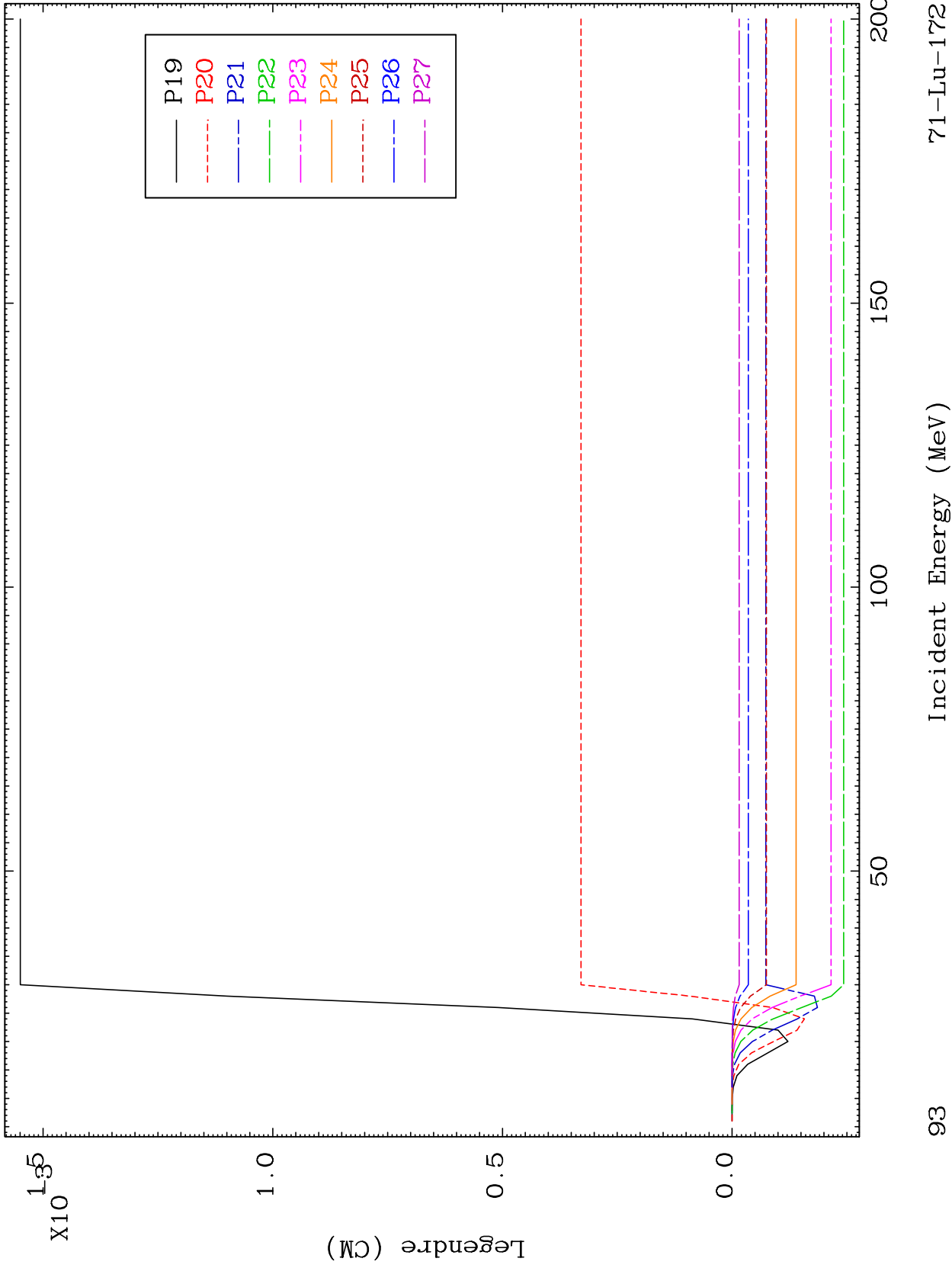
71-Lu-172



MAT 7116

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

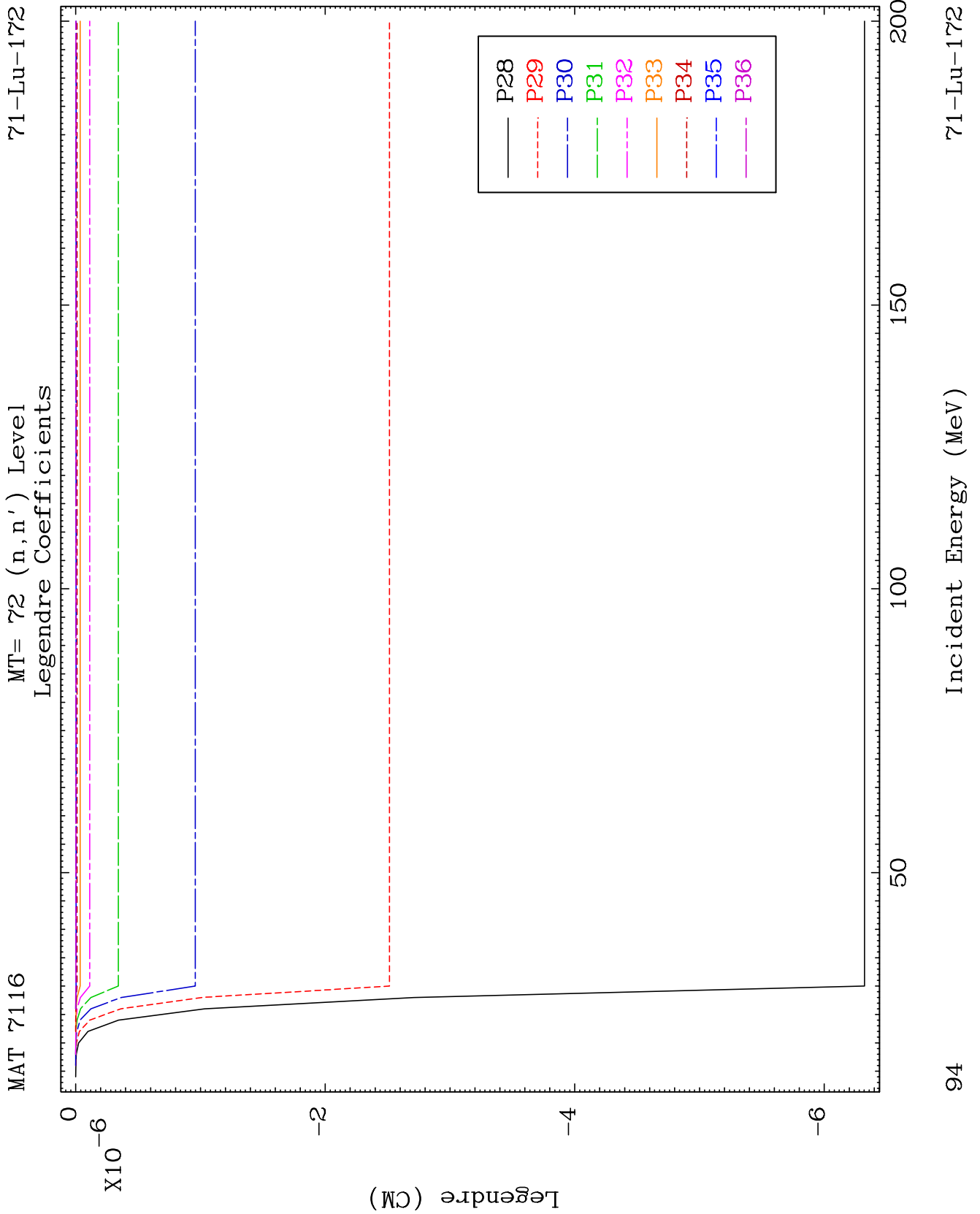
71-Lu-172



93

Incident Energy (MeV)

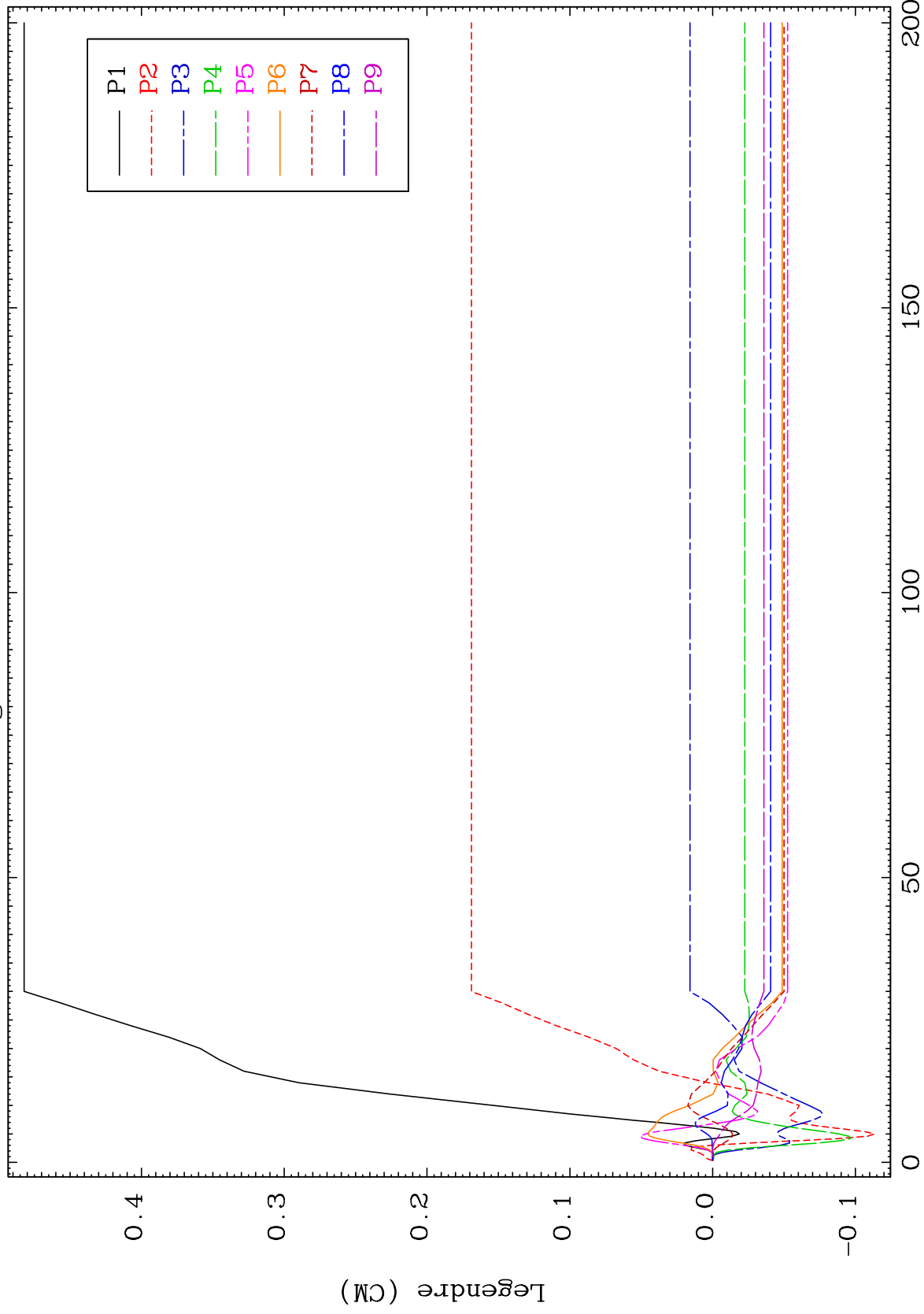
71-Lu-172



MAT 7116

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

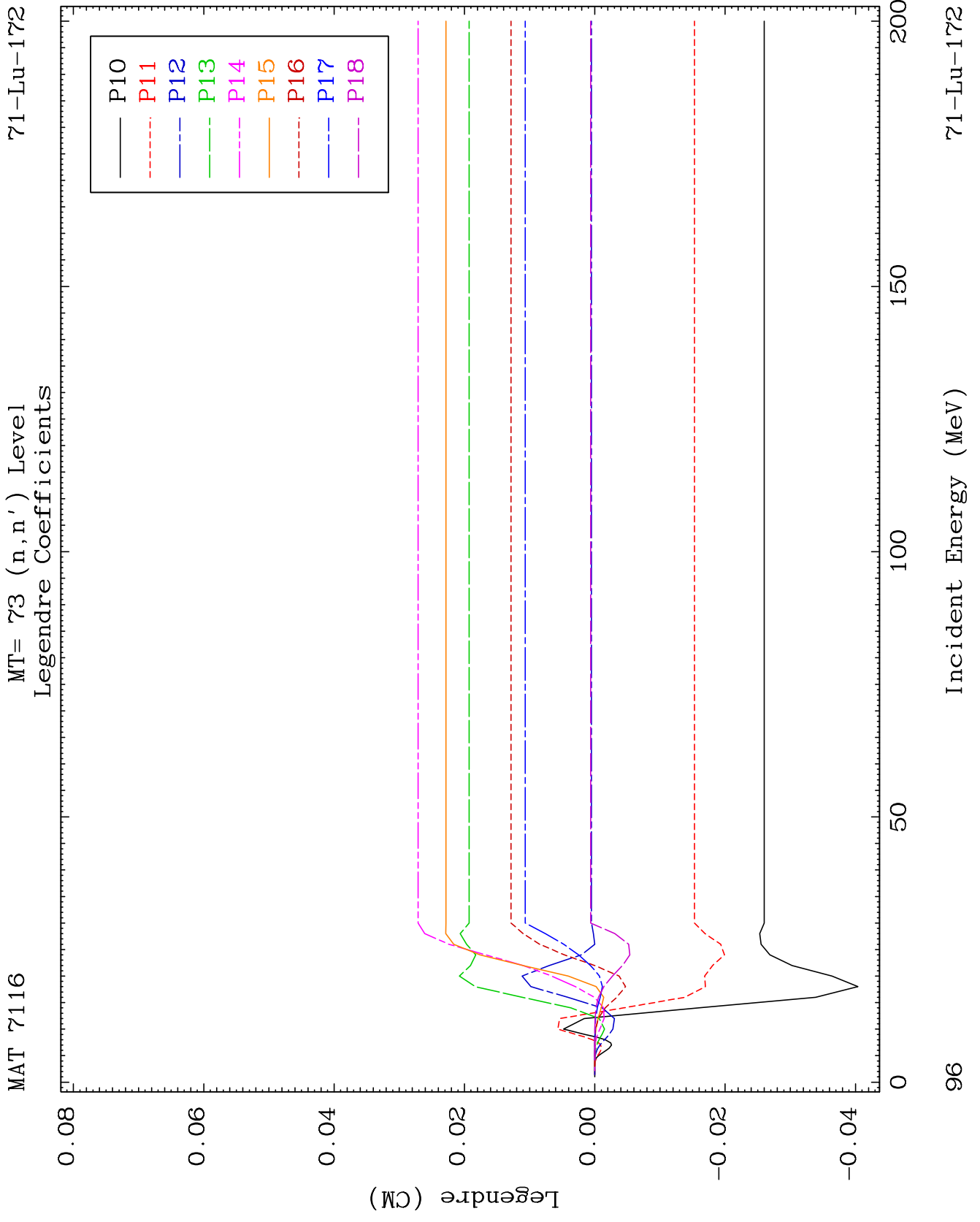
71-Lu-172



95

Incident Energy (MeV)

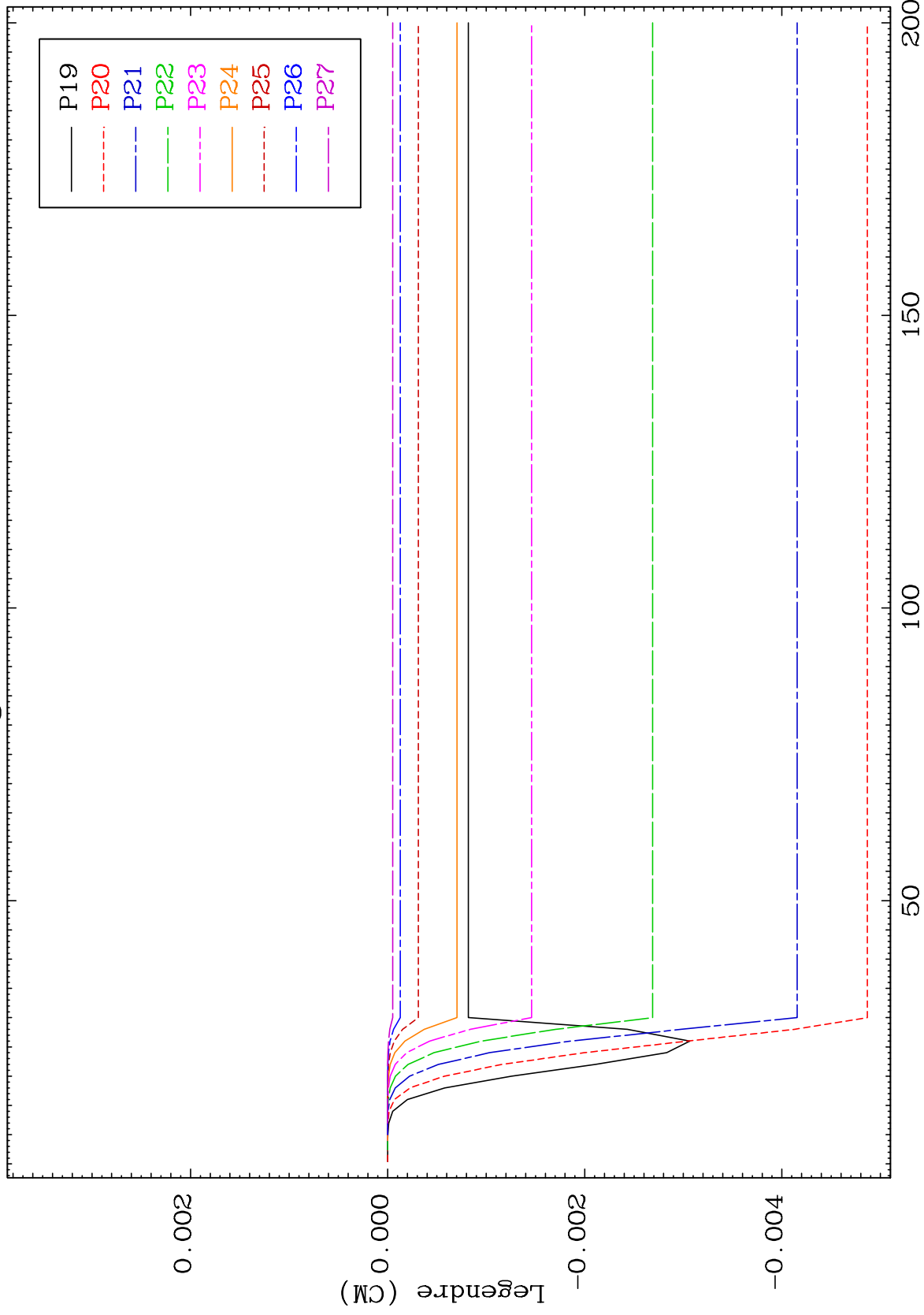
71-Lu-172



MAT 7116

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

71-Lu-172

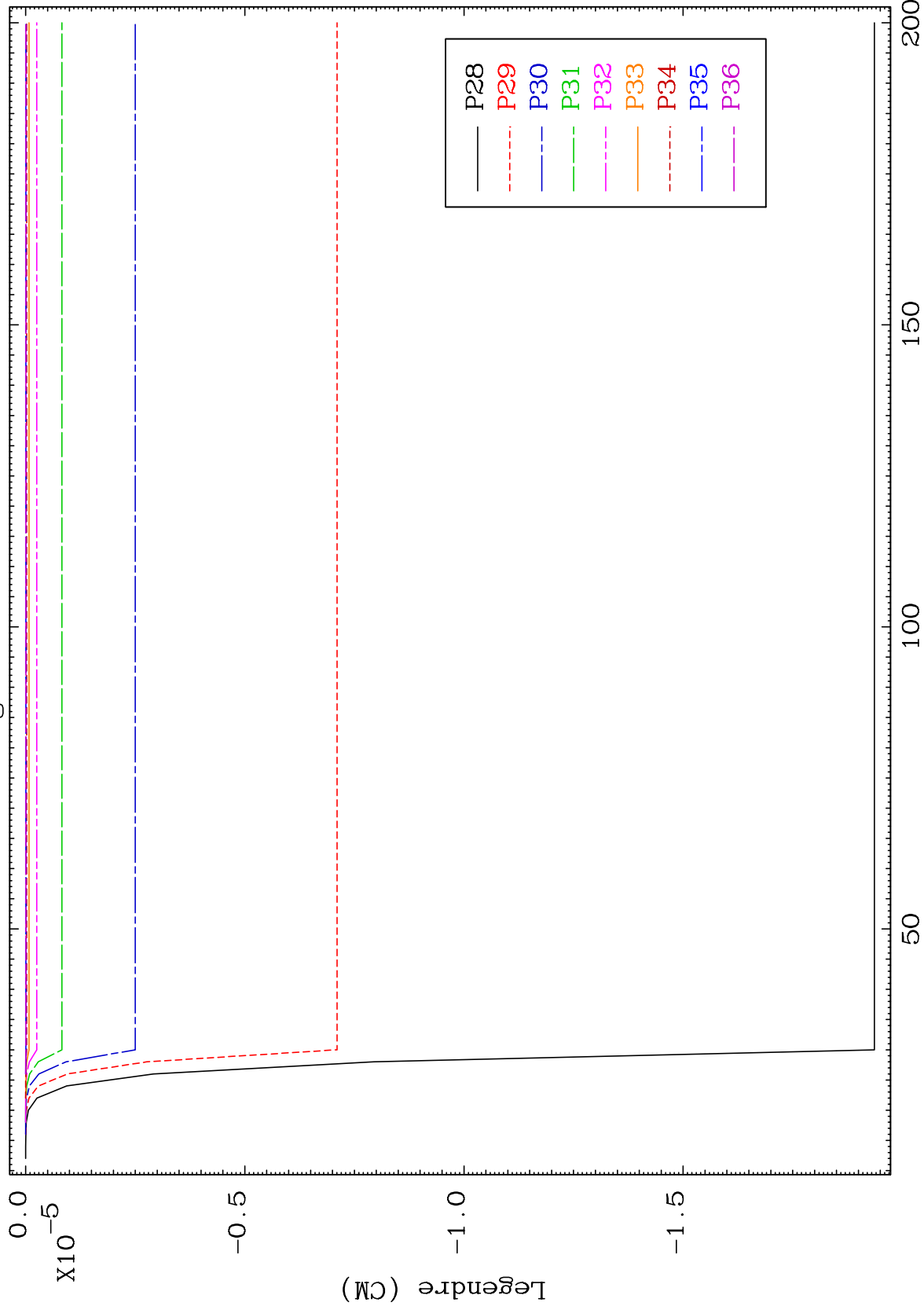


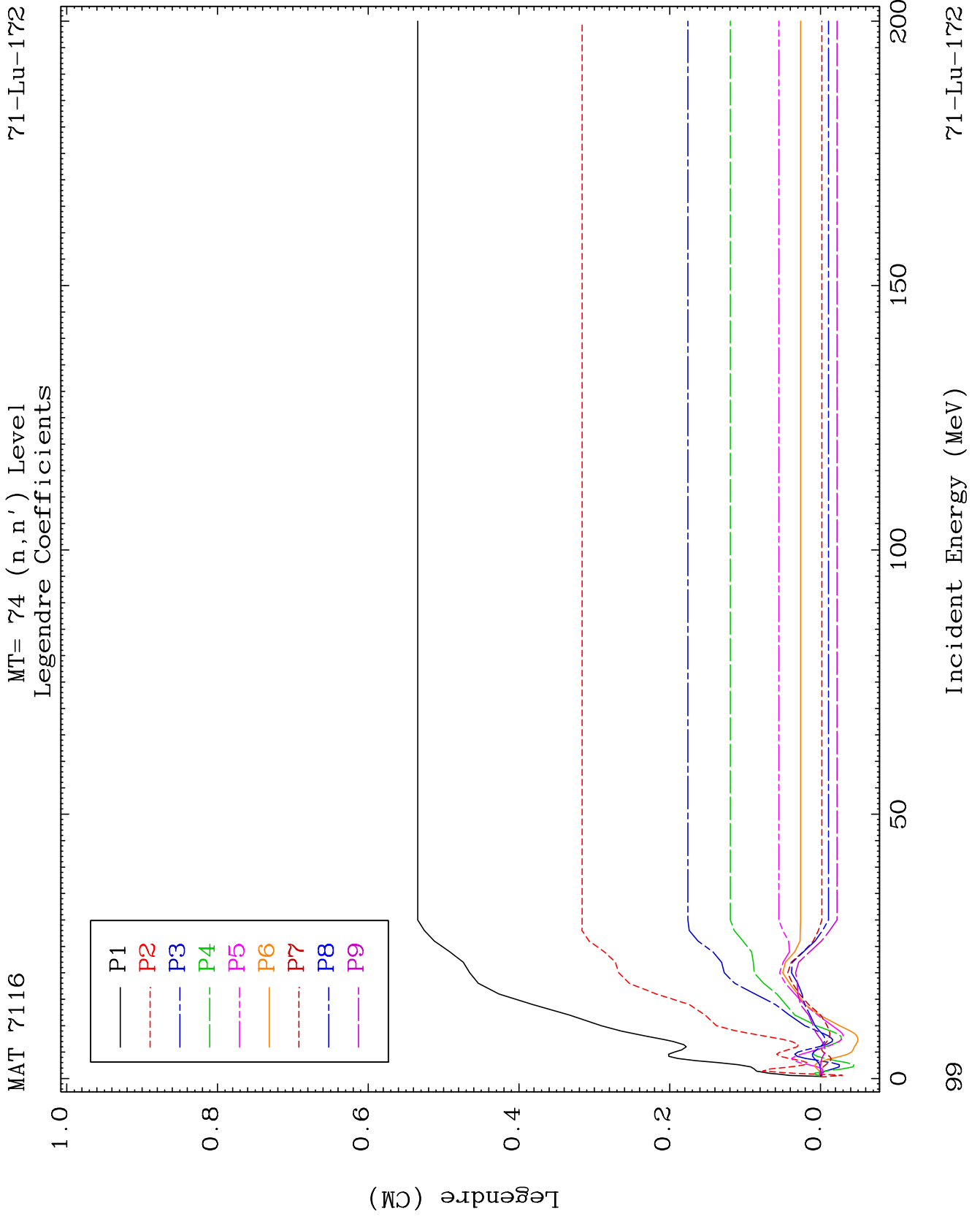
97

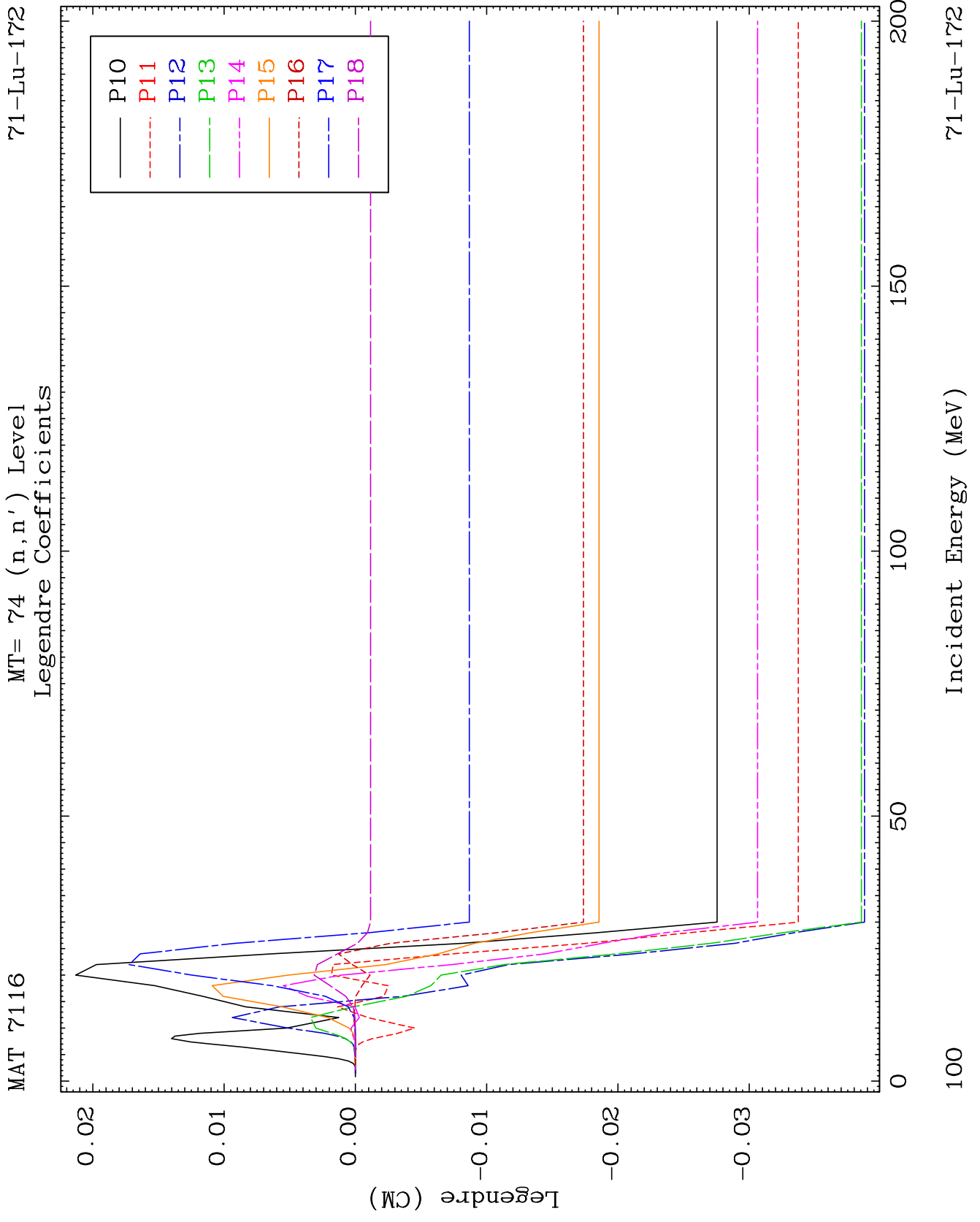
Incident Energy (MeV)

71-Lu-172

Legendre Coefficients



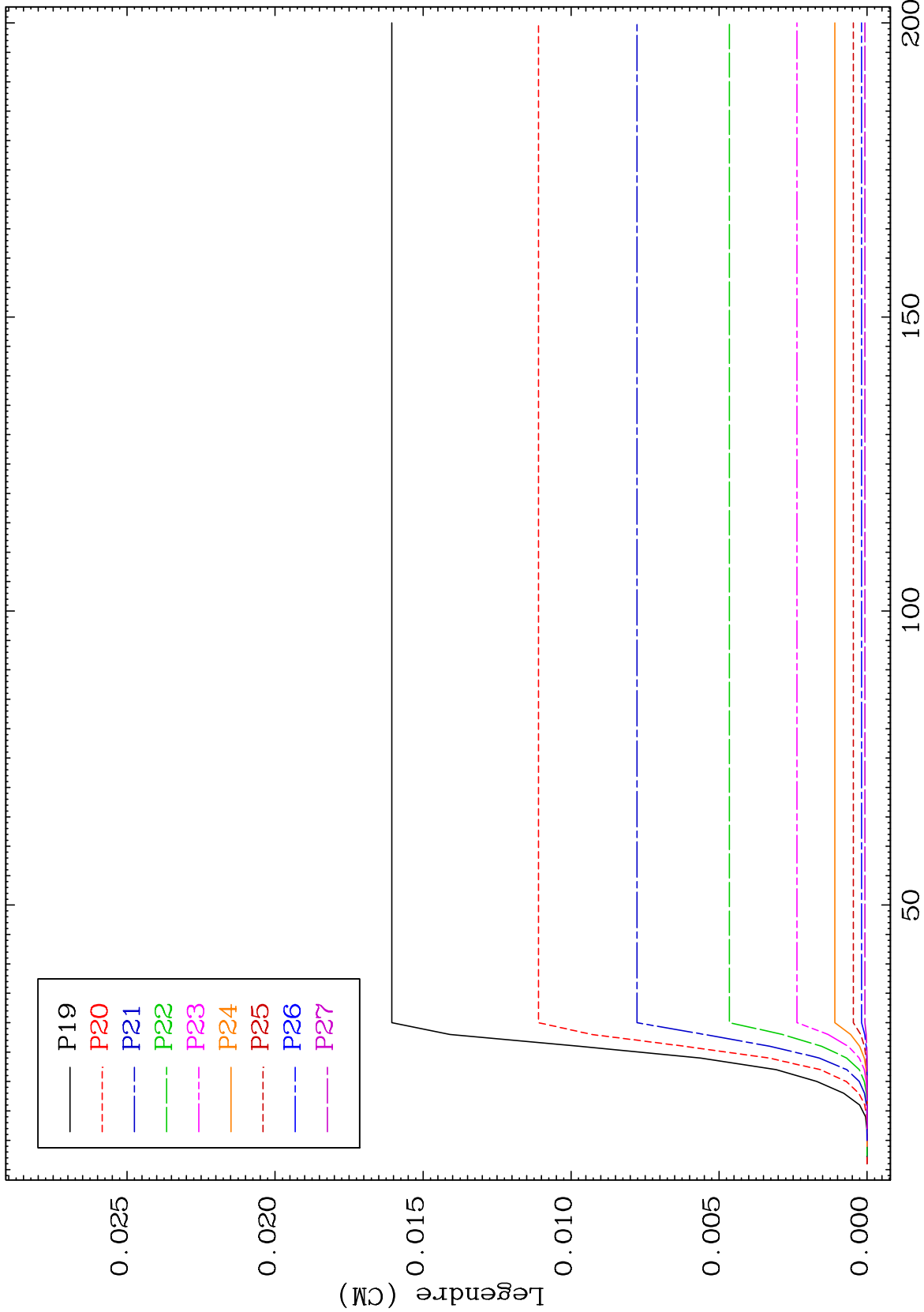




MAT 7116

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

71-Lu-172



101

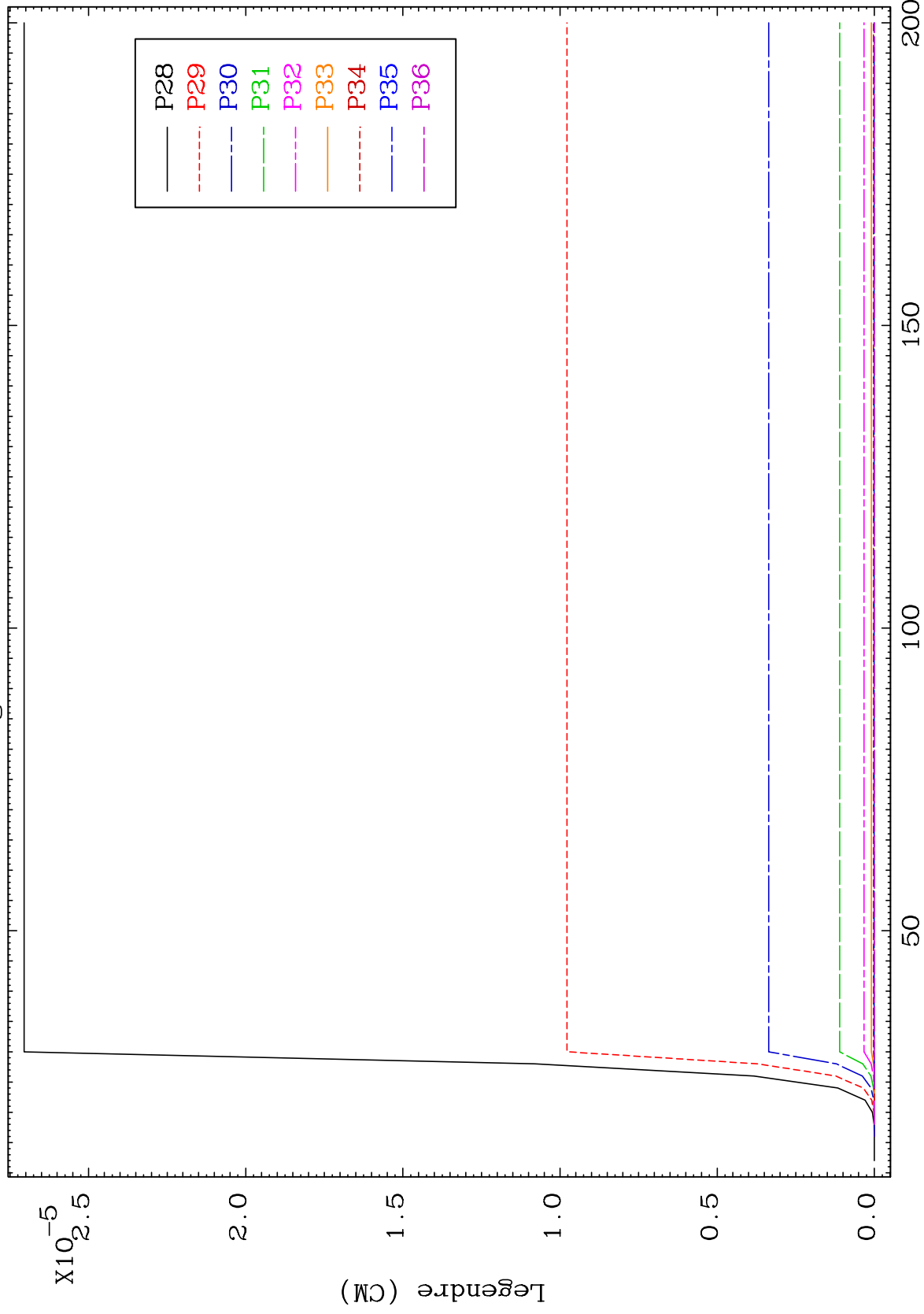
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

71-Lu-172



102

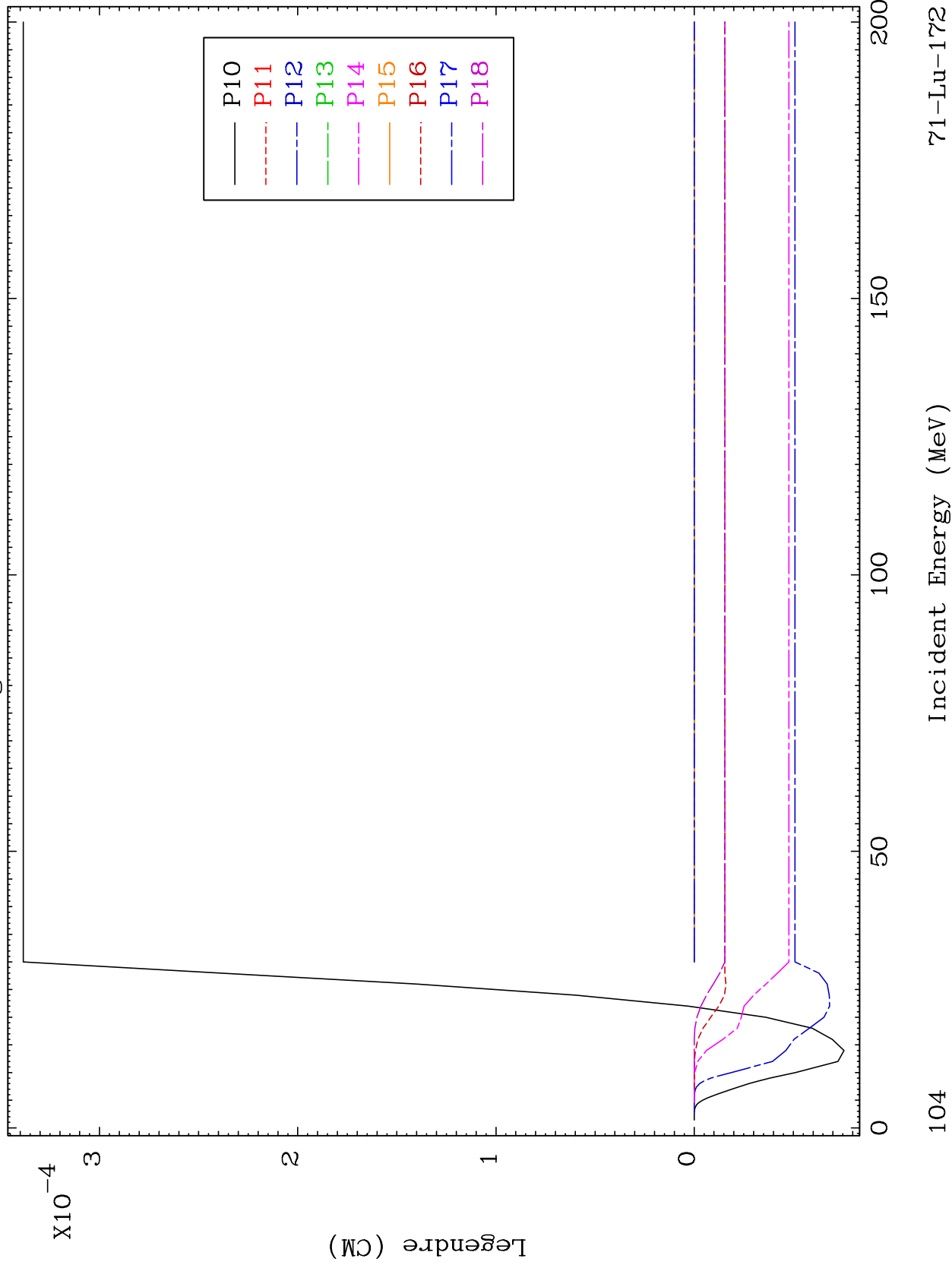
Incident Energy (MeV)

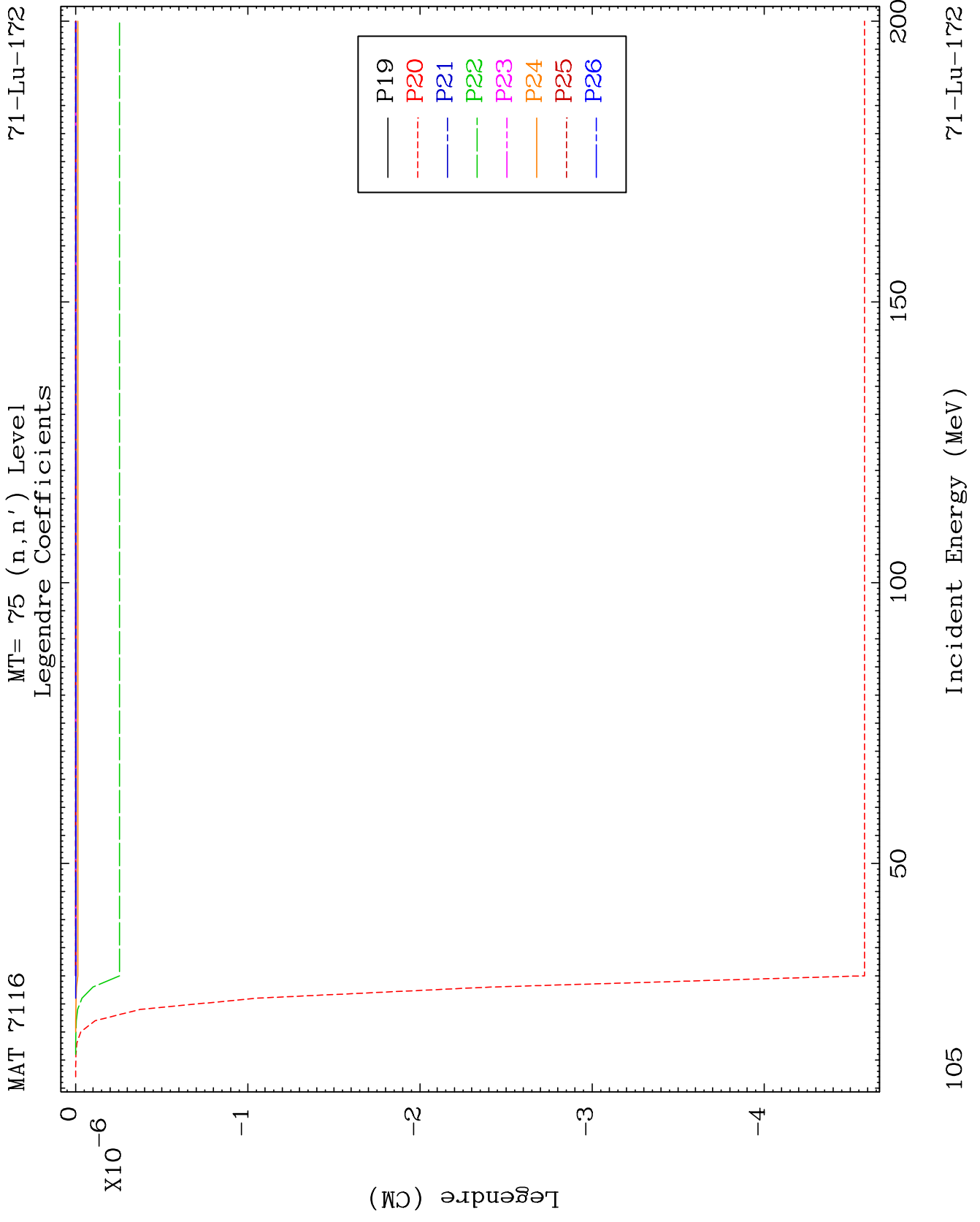
71-Lu-172

MAT 7116

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

71-Lu-172

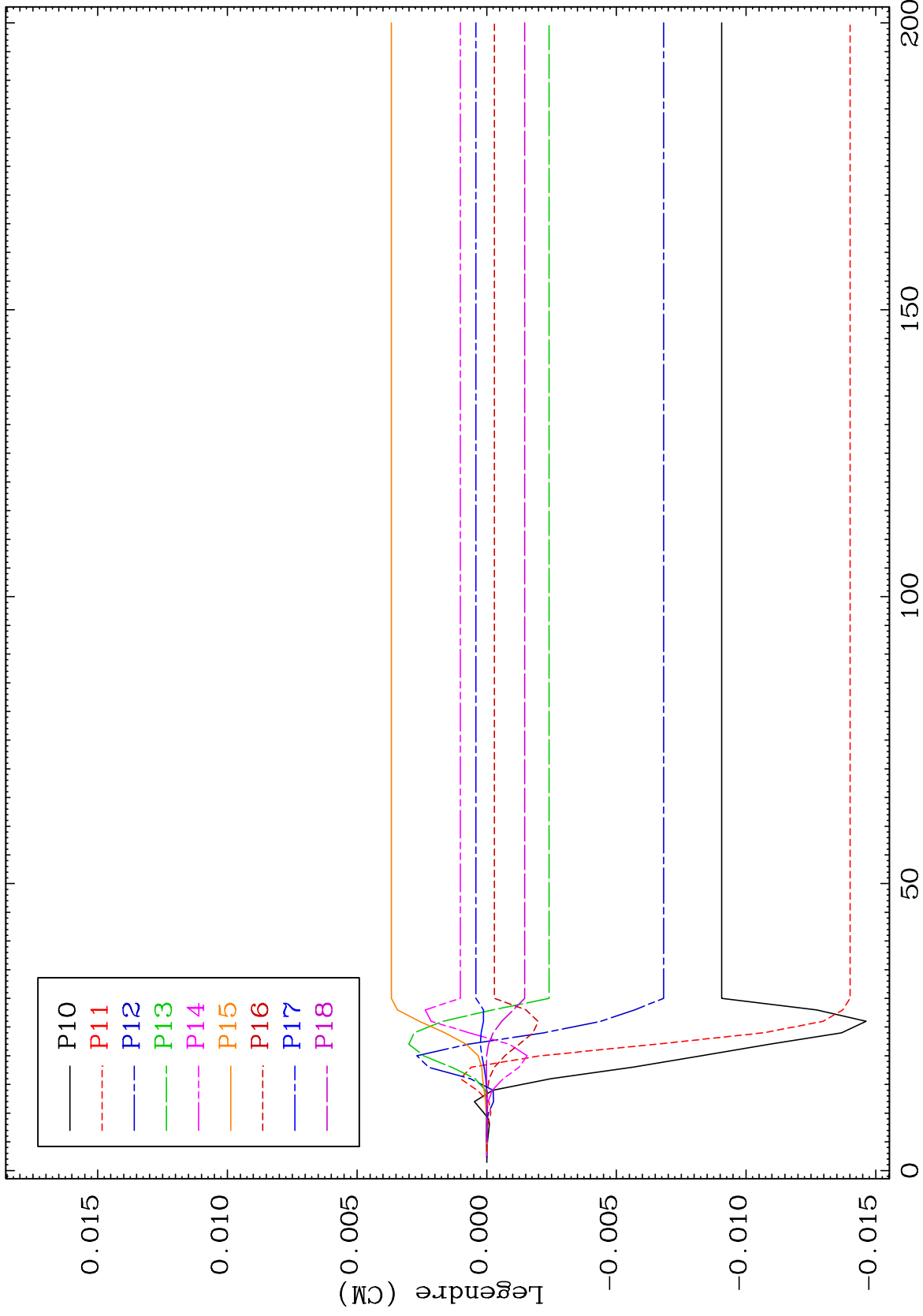




MAT 7116

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

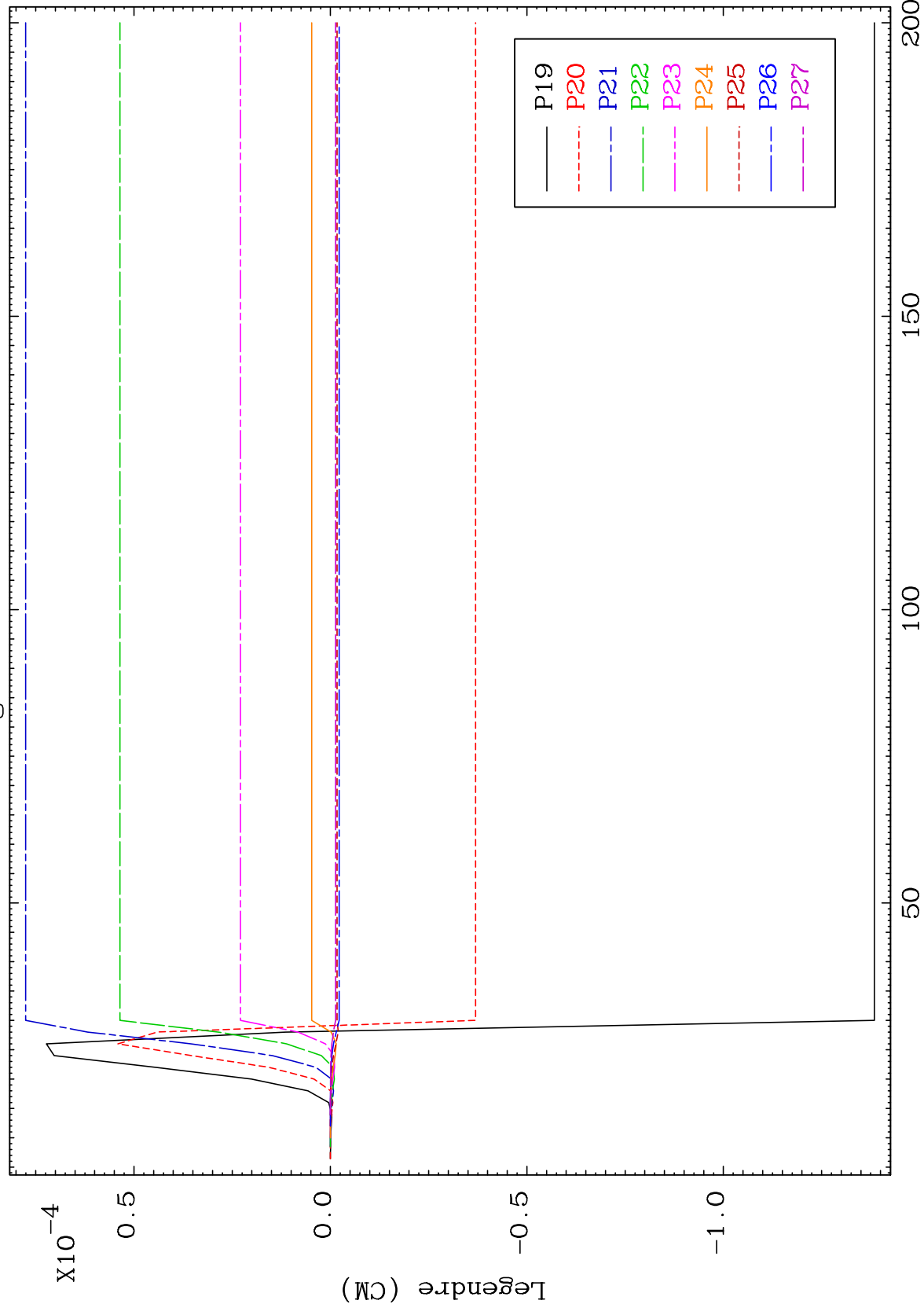
71-Lu-172

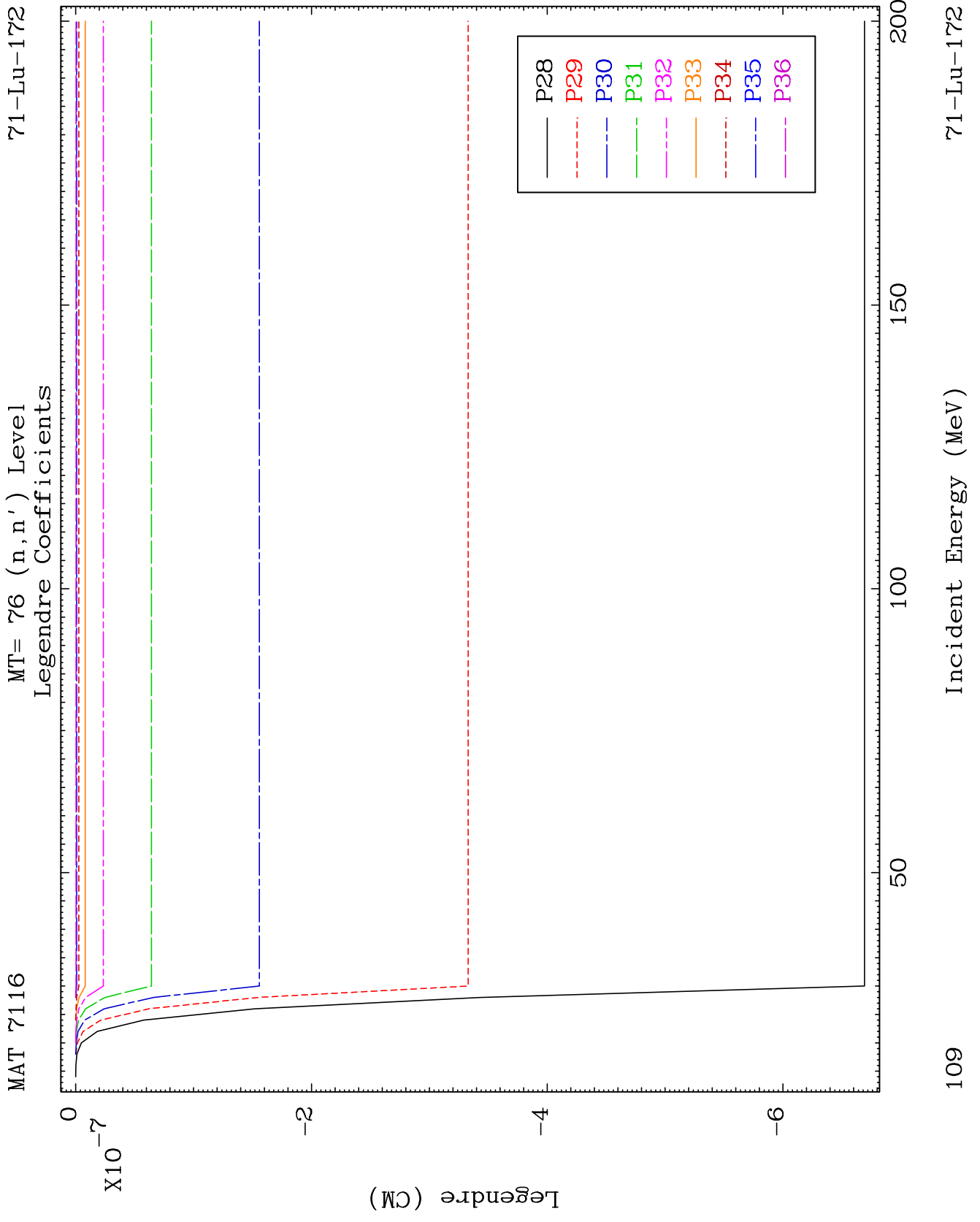


107

Incident Energy (MeV)

71-Lu-172

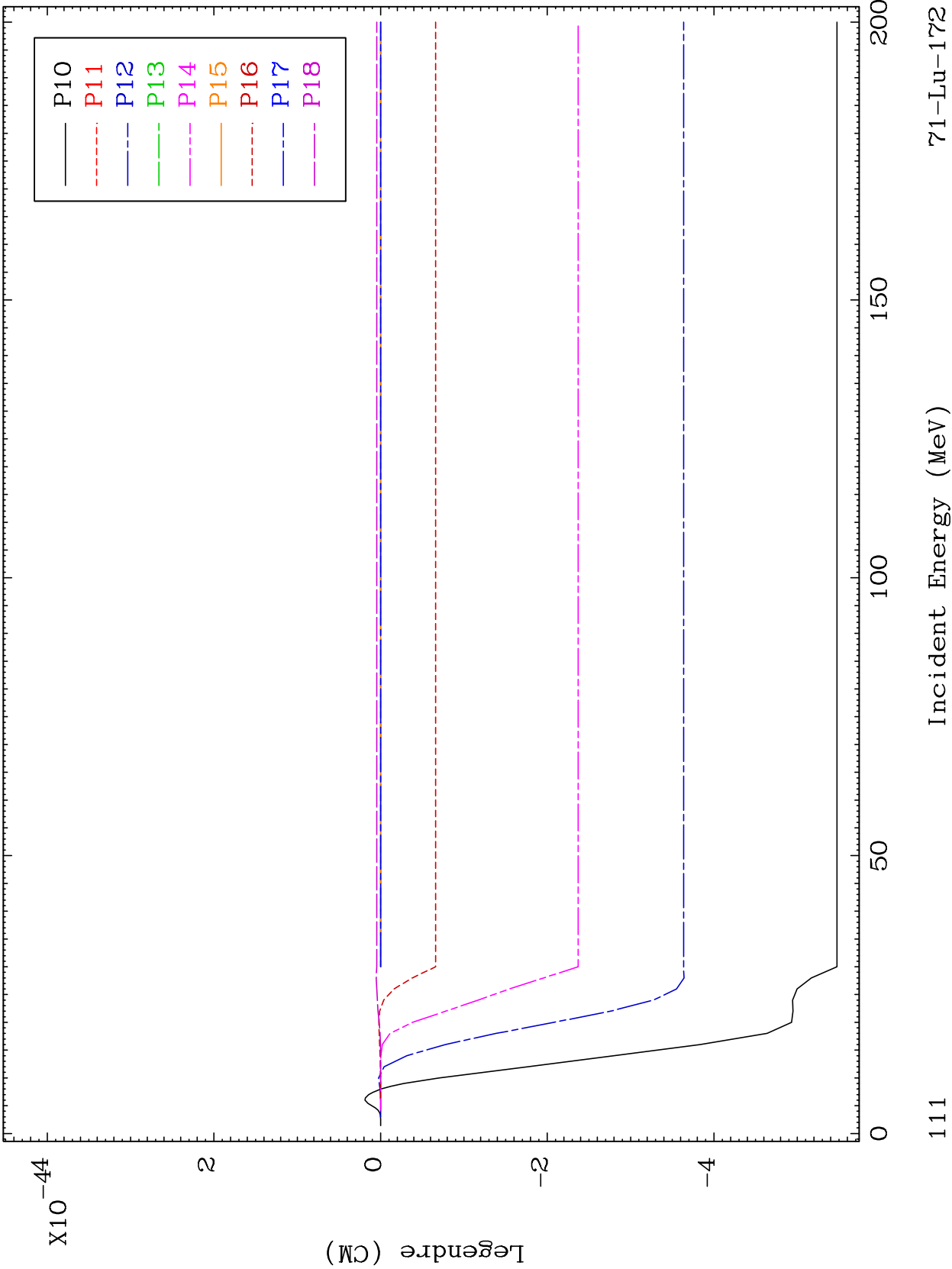


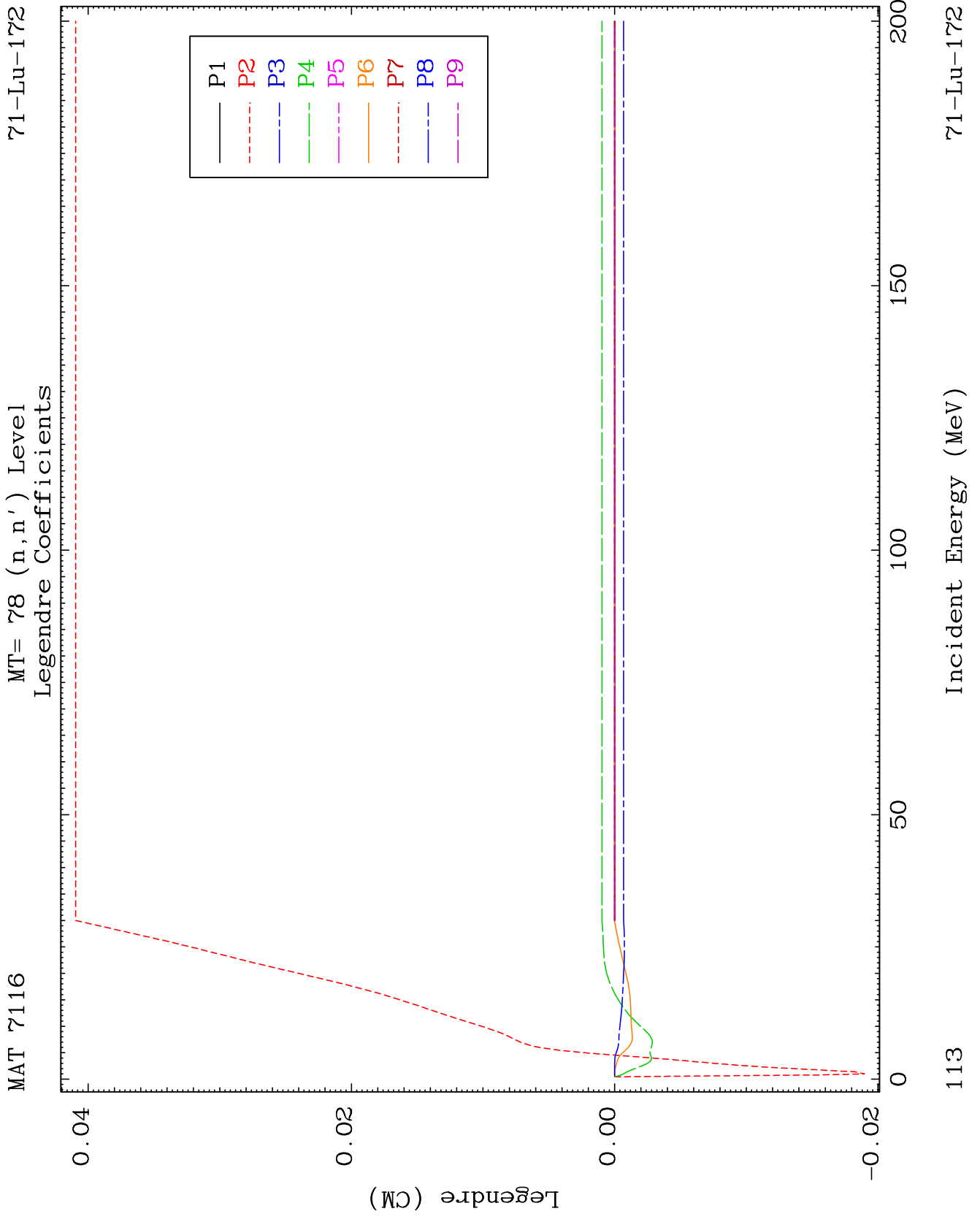


MAT 7116

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

71-Lu-172





71-Lu-172

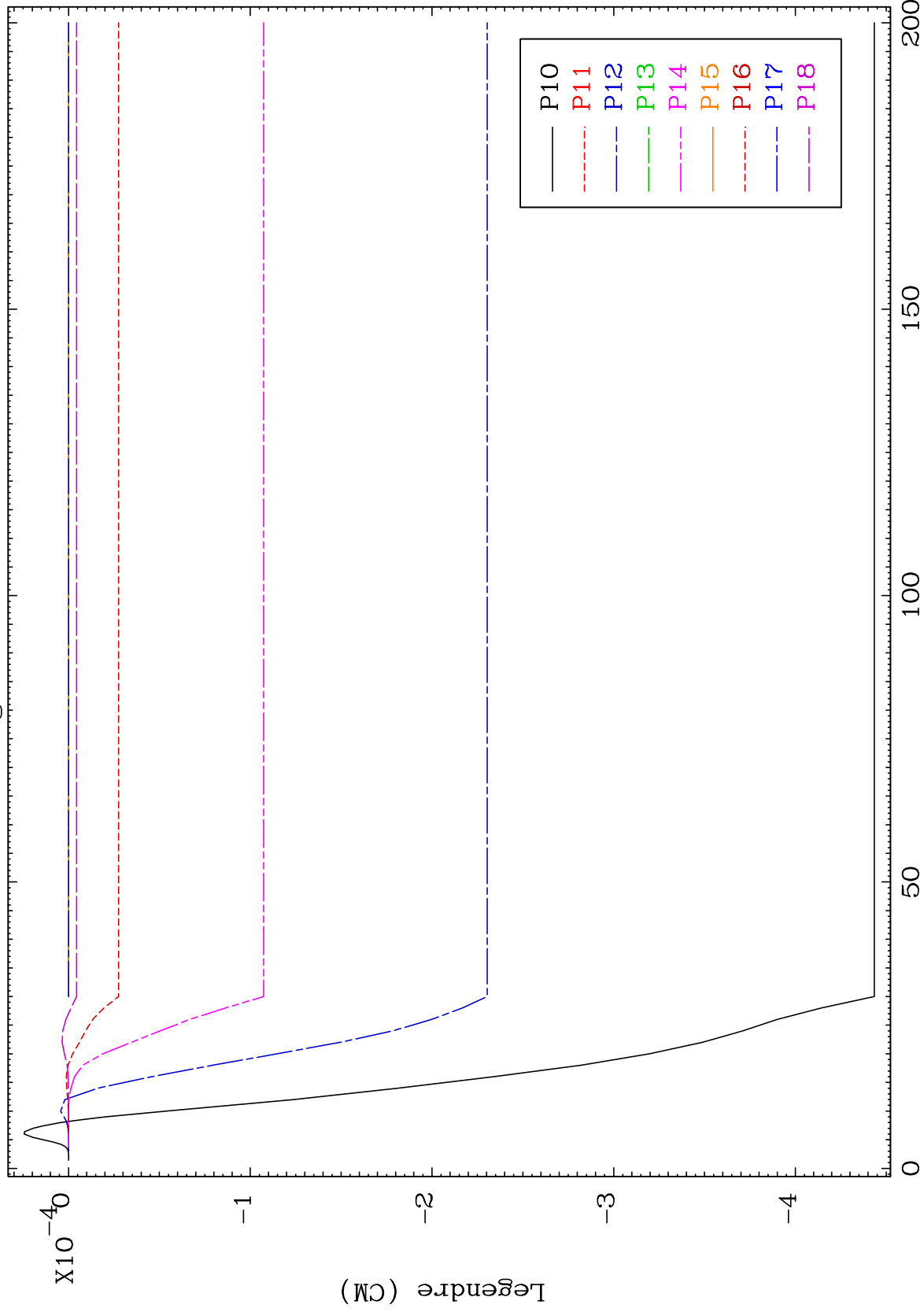
Incident Energy (MeV)

113

MAT 7116

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

71-Lu-172



114

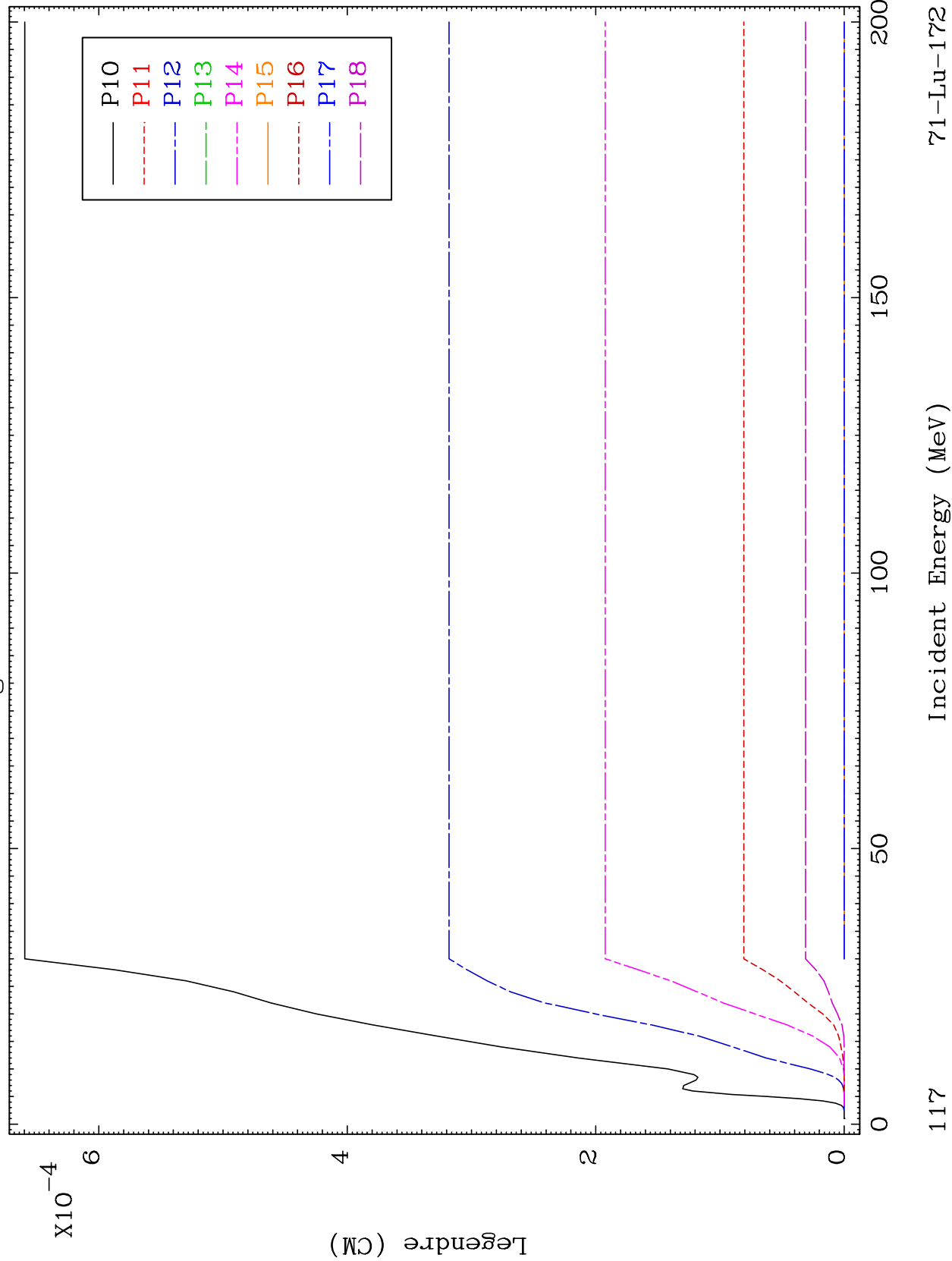
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

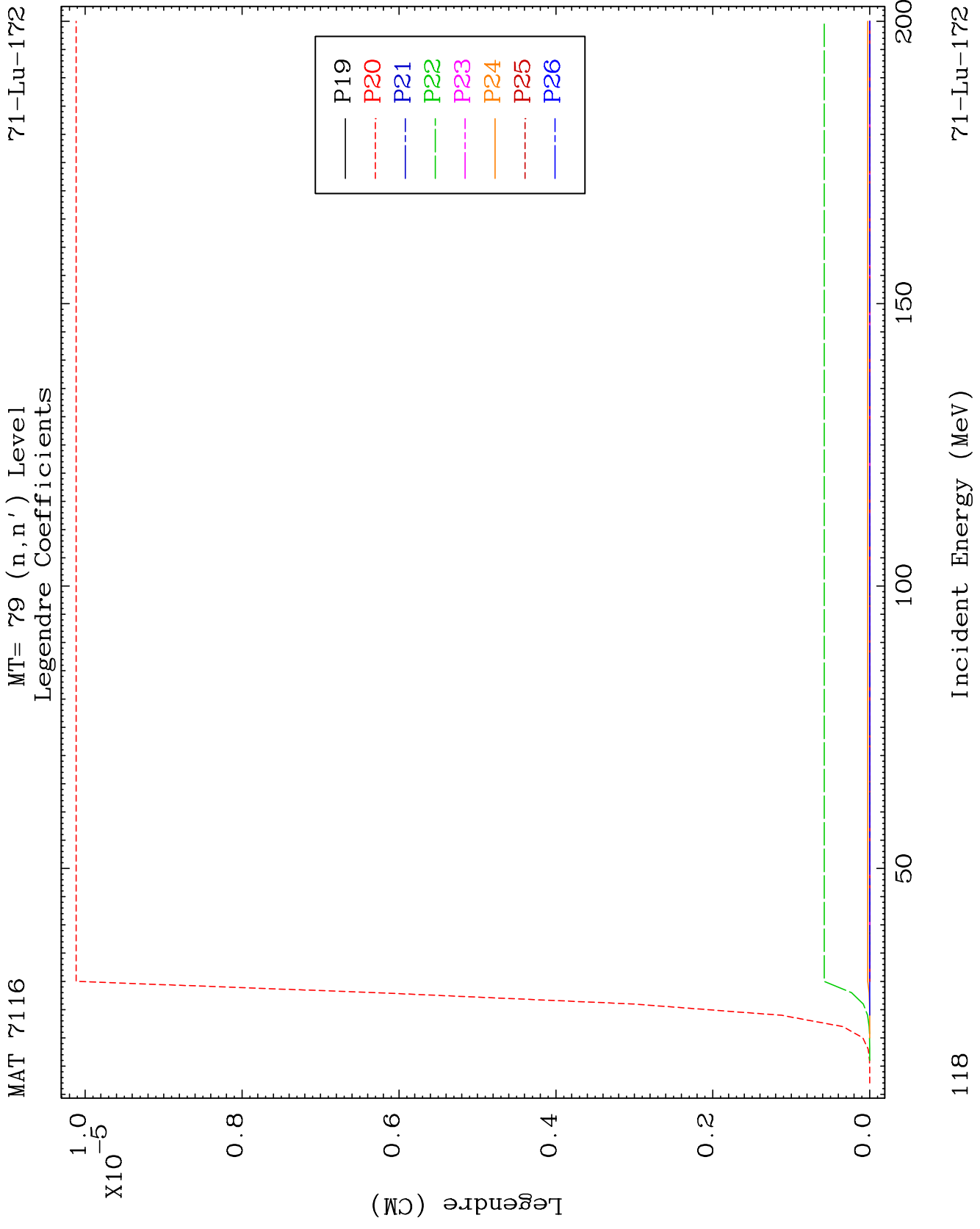
71-Lu-172

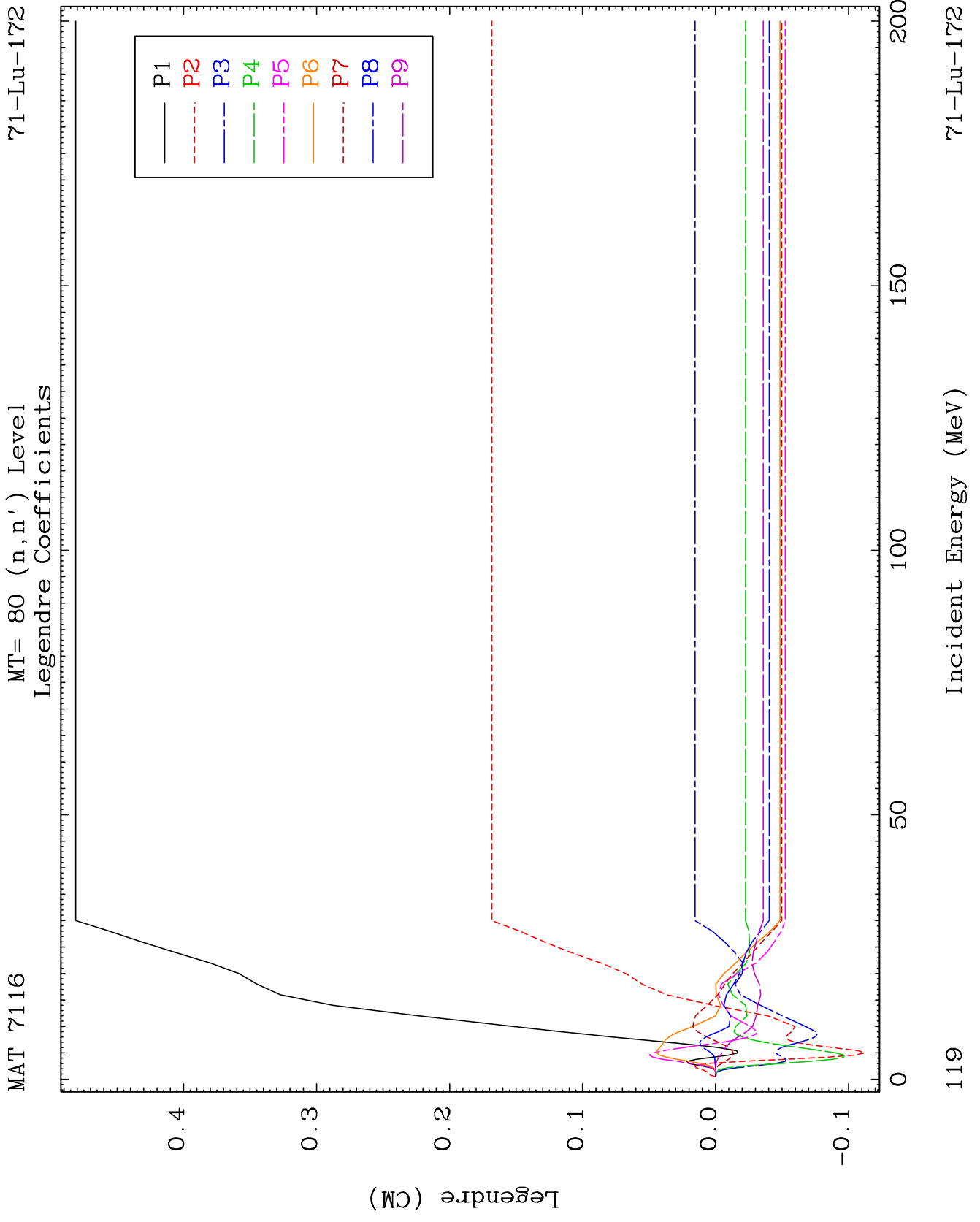


117

Incident Energy (MeV)

71-Lu-172

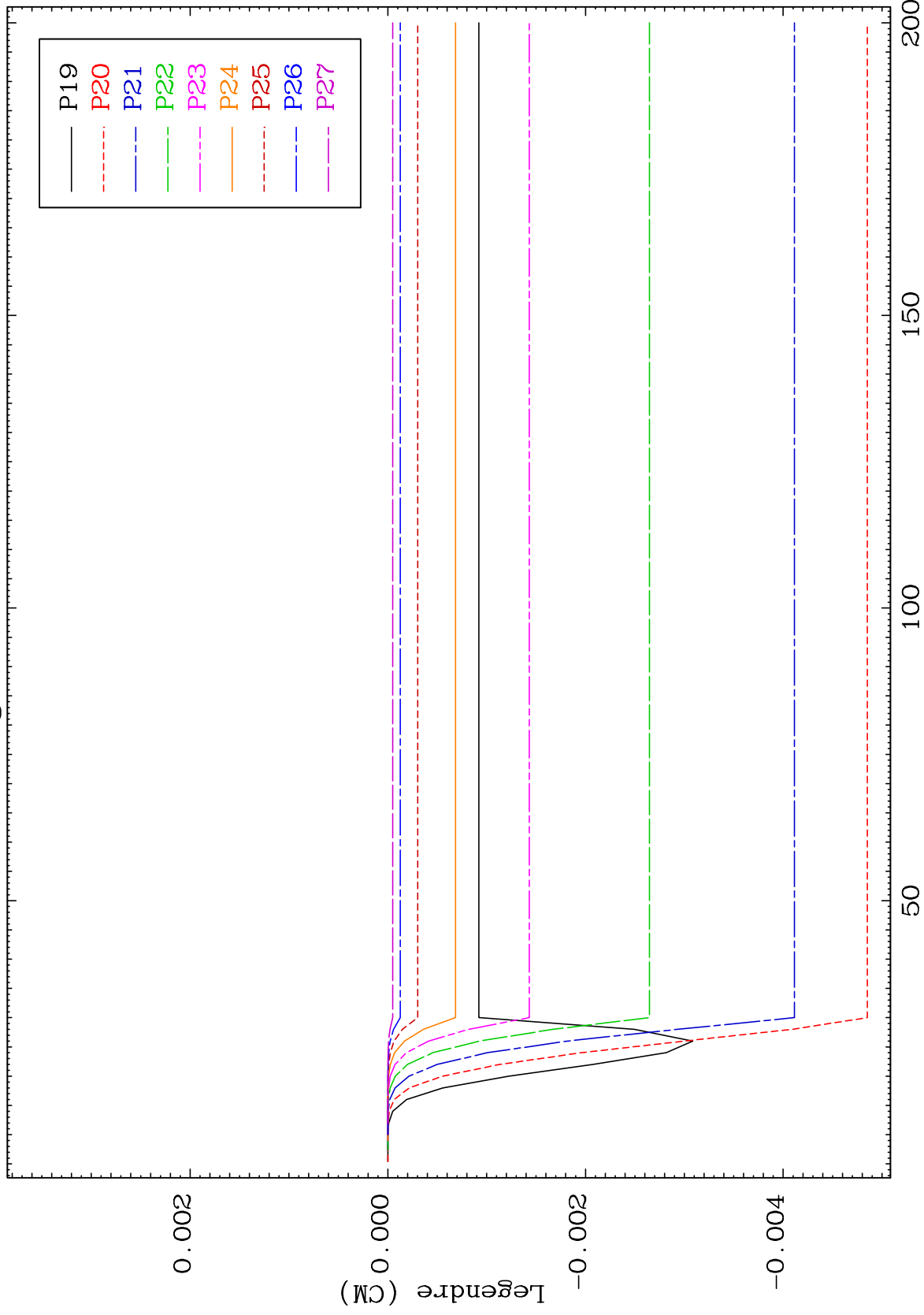




MAT 7116

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

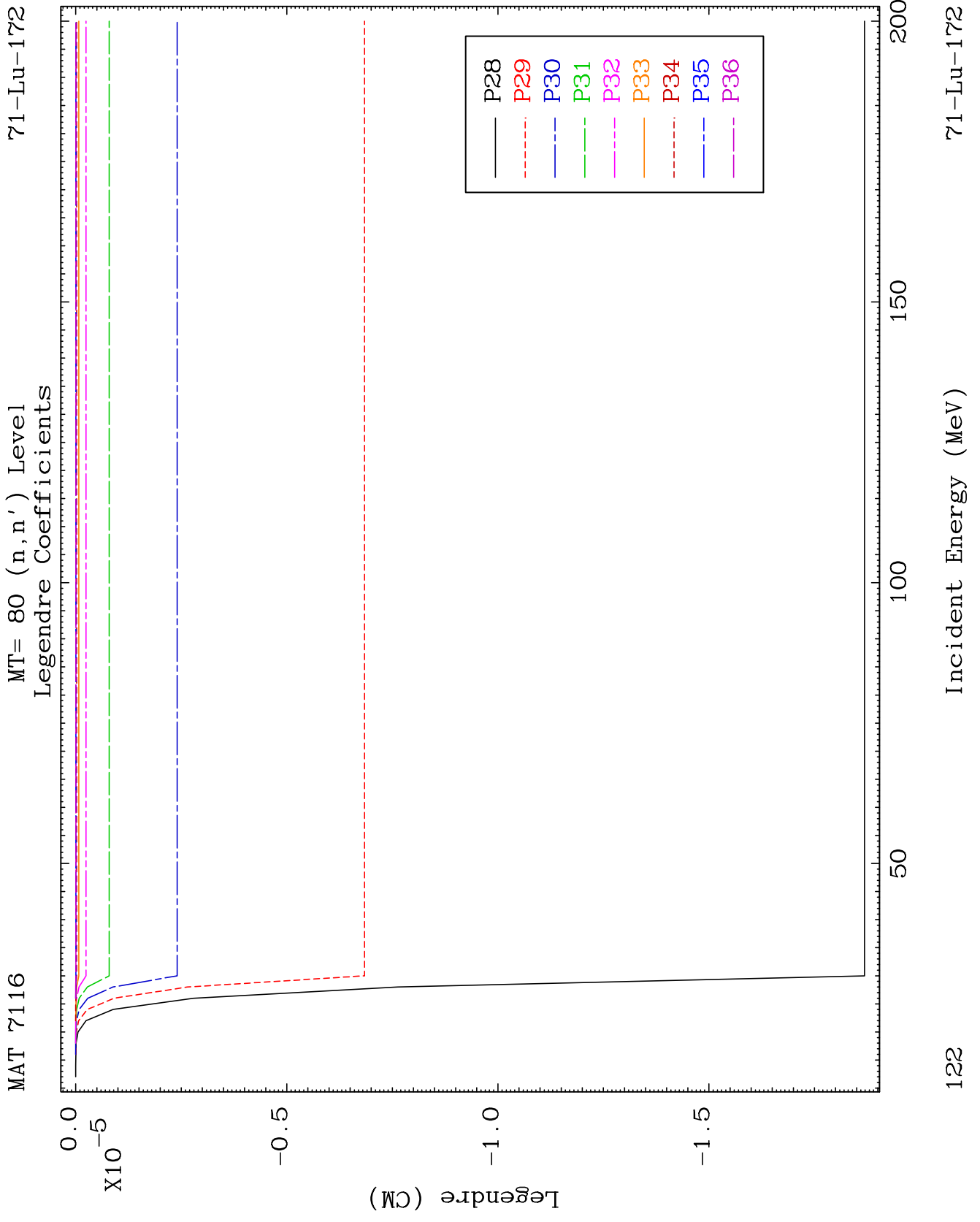
71-Lu-172



121

Incident Energy (MeV)

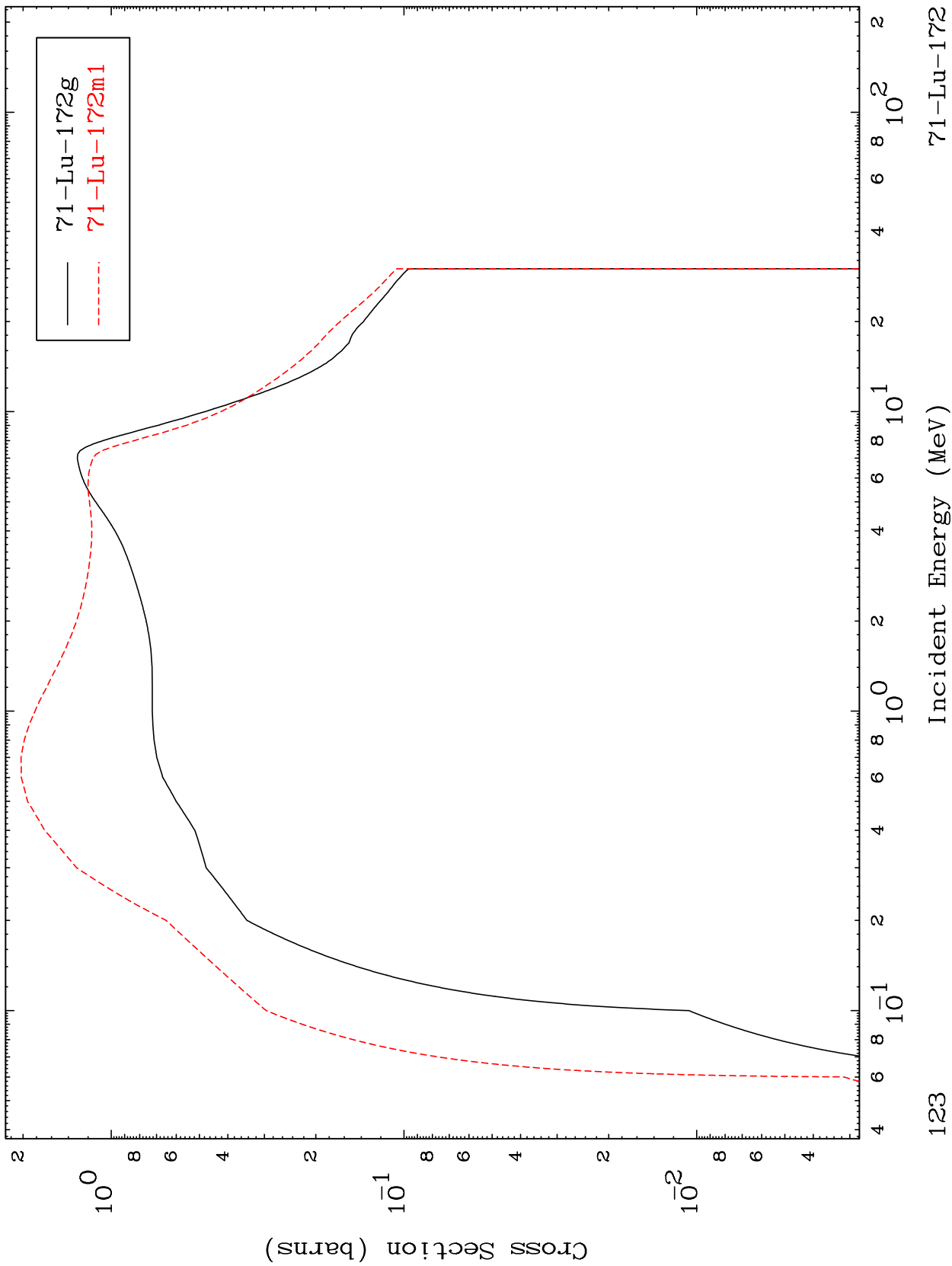
71-Lu-172



MAT 7116

71-Lu-172

Inelastic
Radionuclide Production Cross Section



123

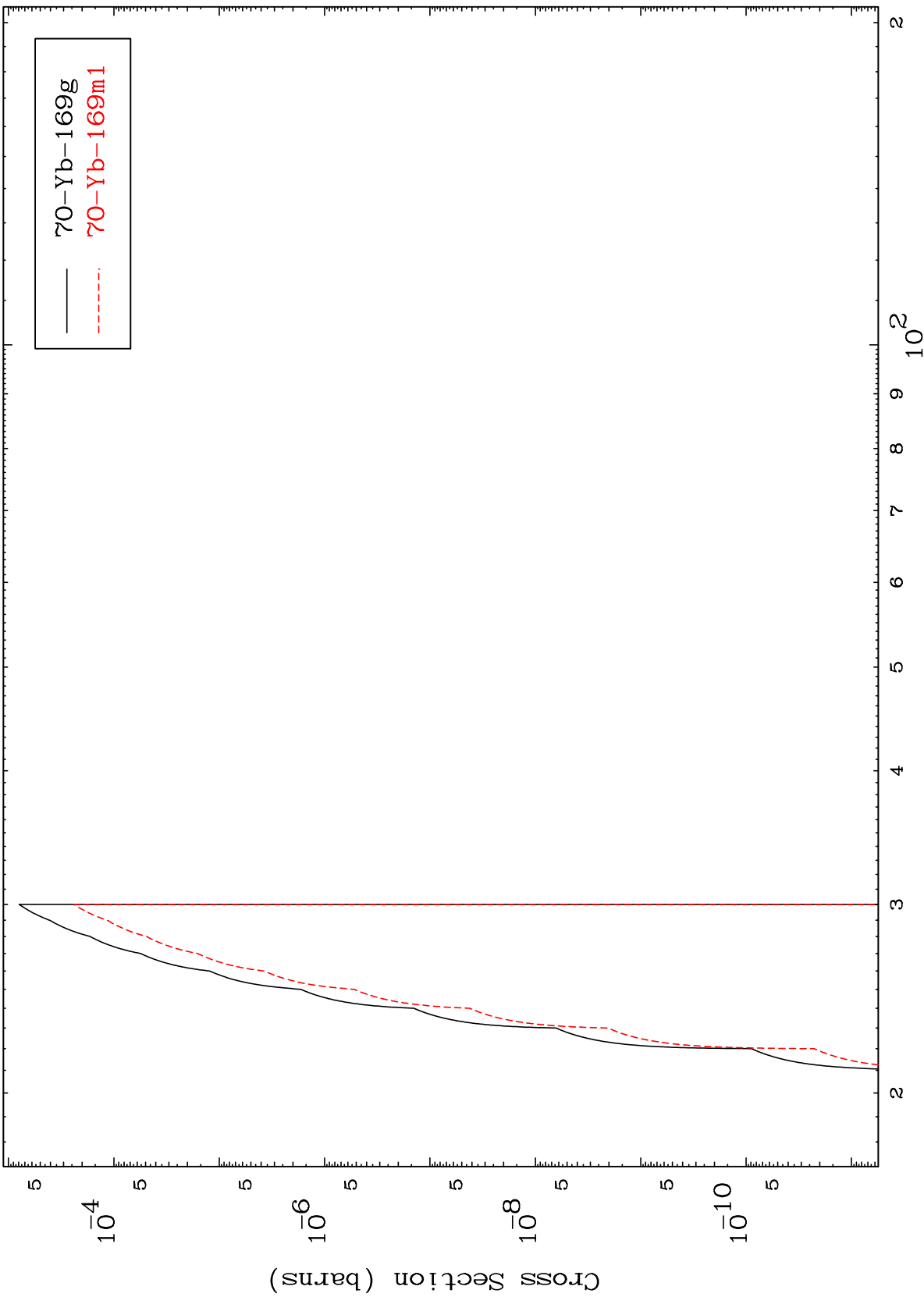
71-Lu-172

MAT 71116

(n,2n) d

71-Lu-172

Radionuclide Production Cross Section



70-Yb-169g
70-Yb-169m1

124

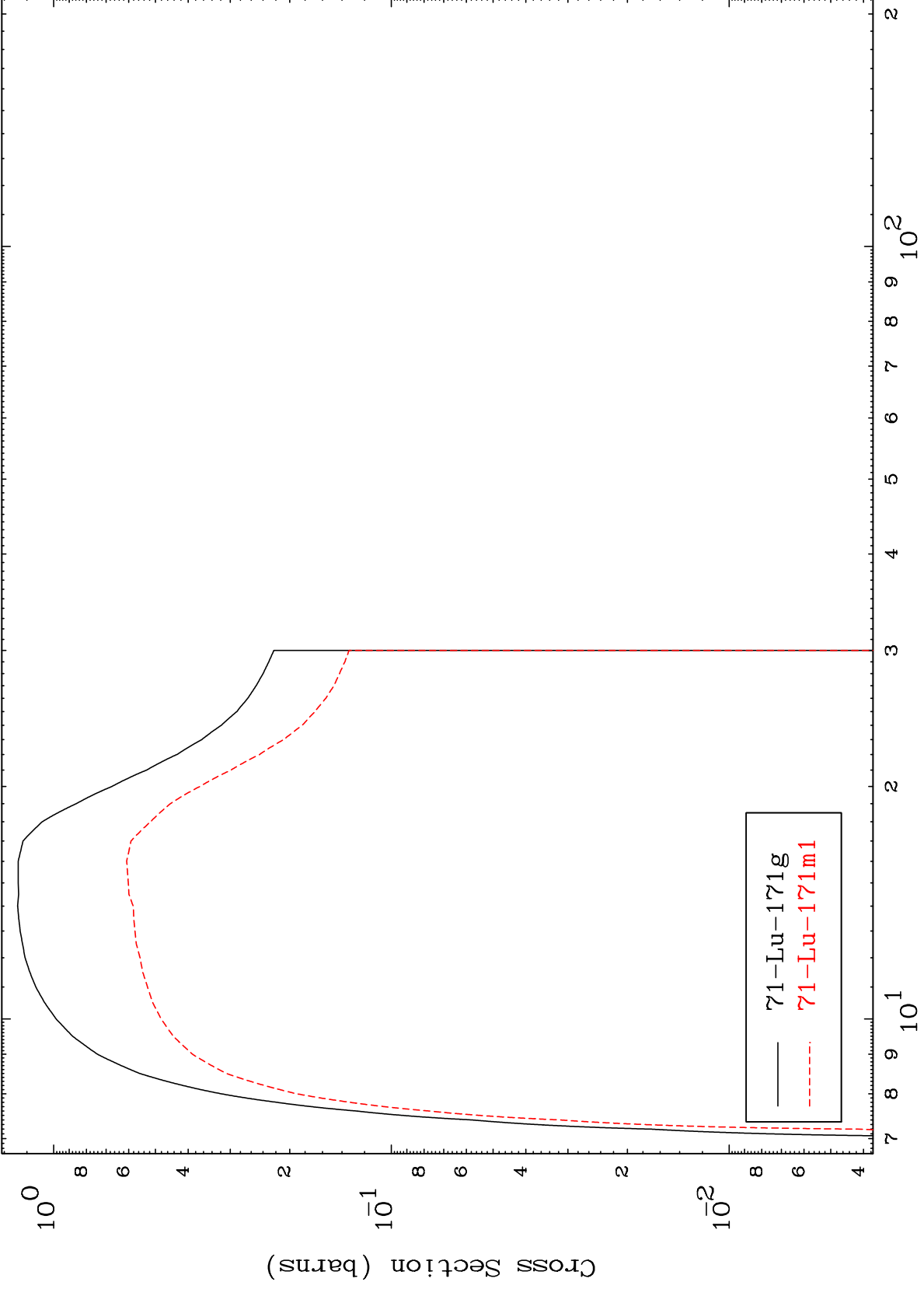
Incident Energy (MeV)

71-Lu-172

MAT 7116

71-Lu-172

(n,2n)
Radionuclide Production Cross Section

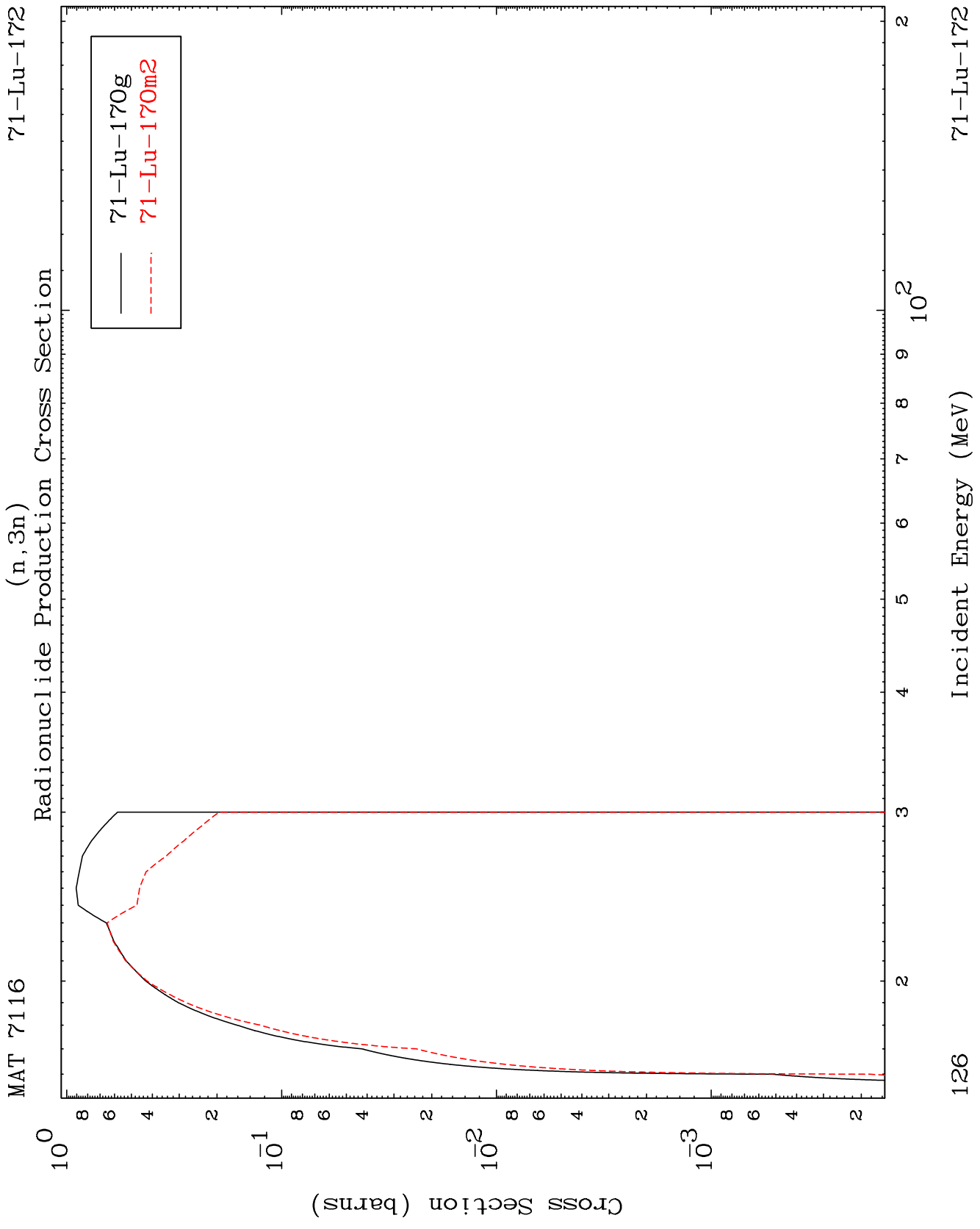


71-Lu-171g
71-Lu-171m1

125

Incident Energy (MeV)

71-Lu-172

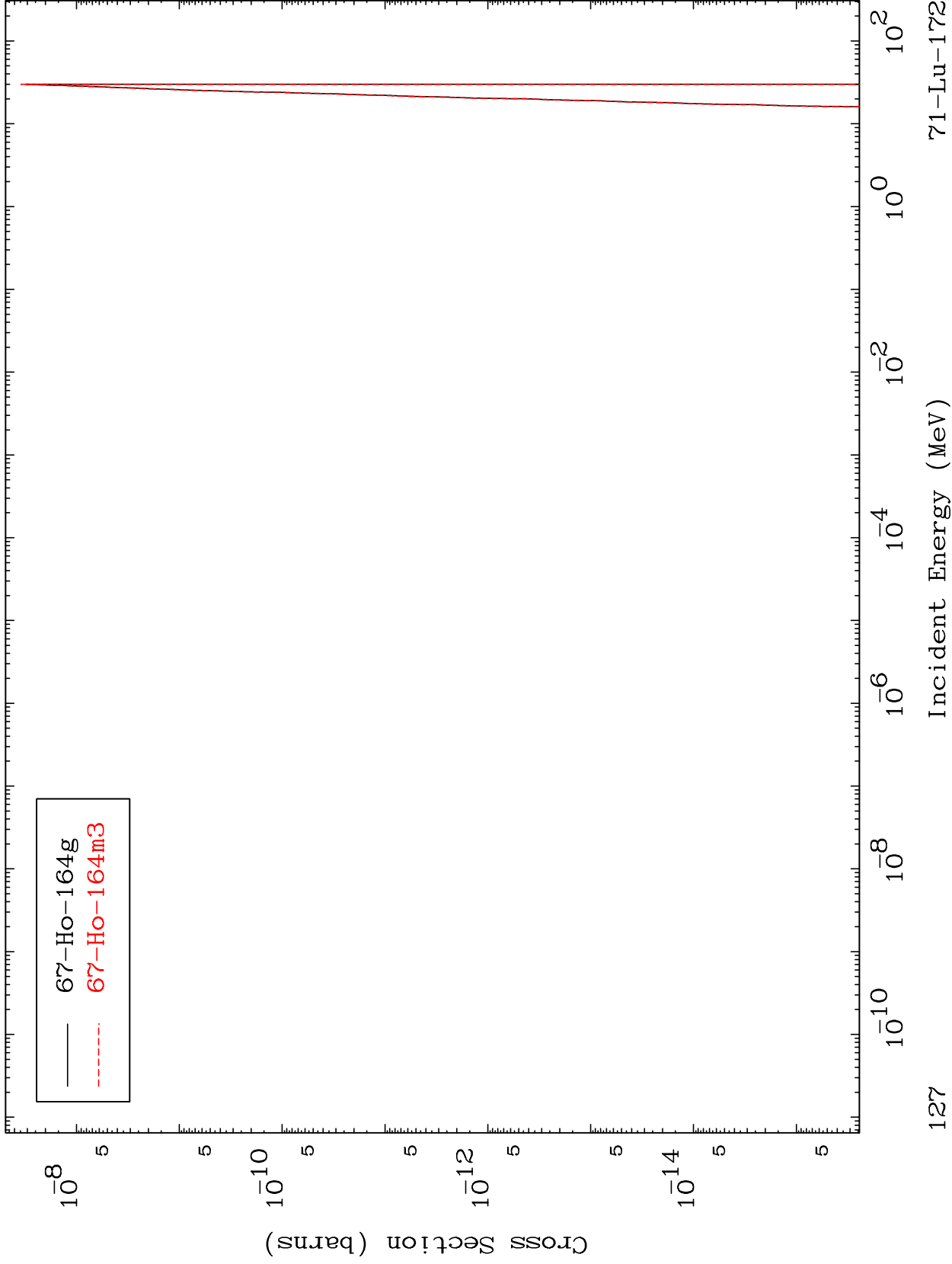


MAT 71116

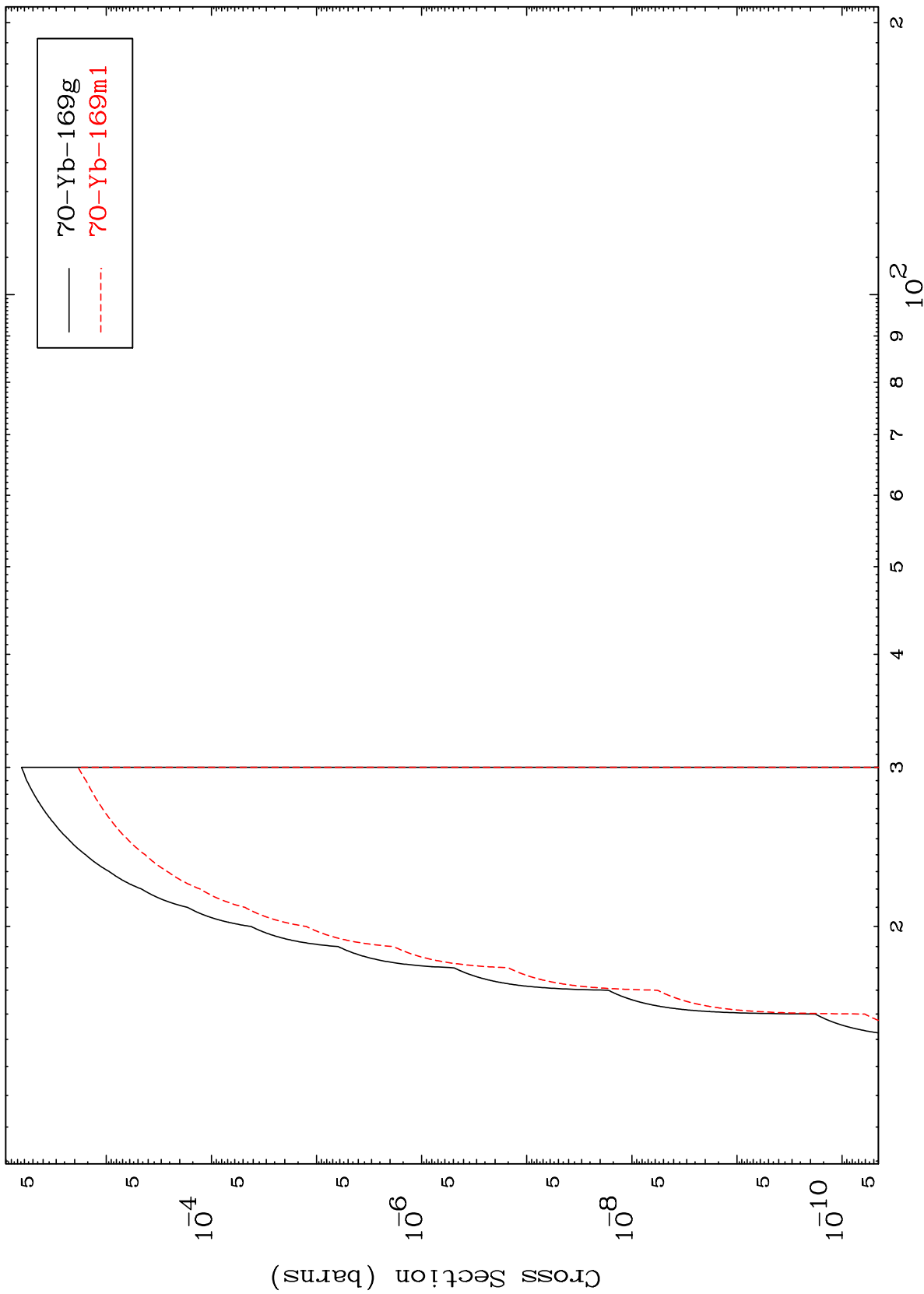
(n,n') 2α

71-Lu-172

Radionuclide Production Cross Section



Radionuclide Production Cross Section

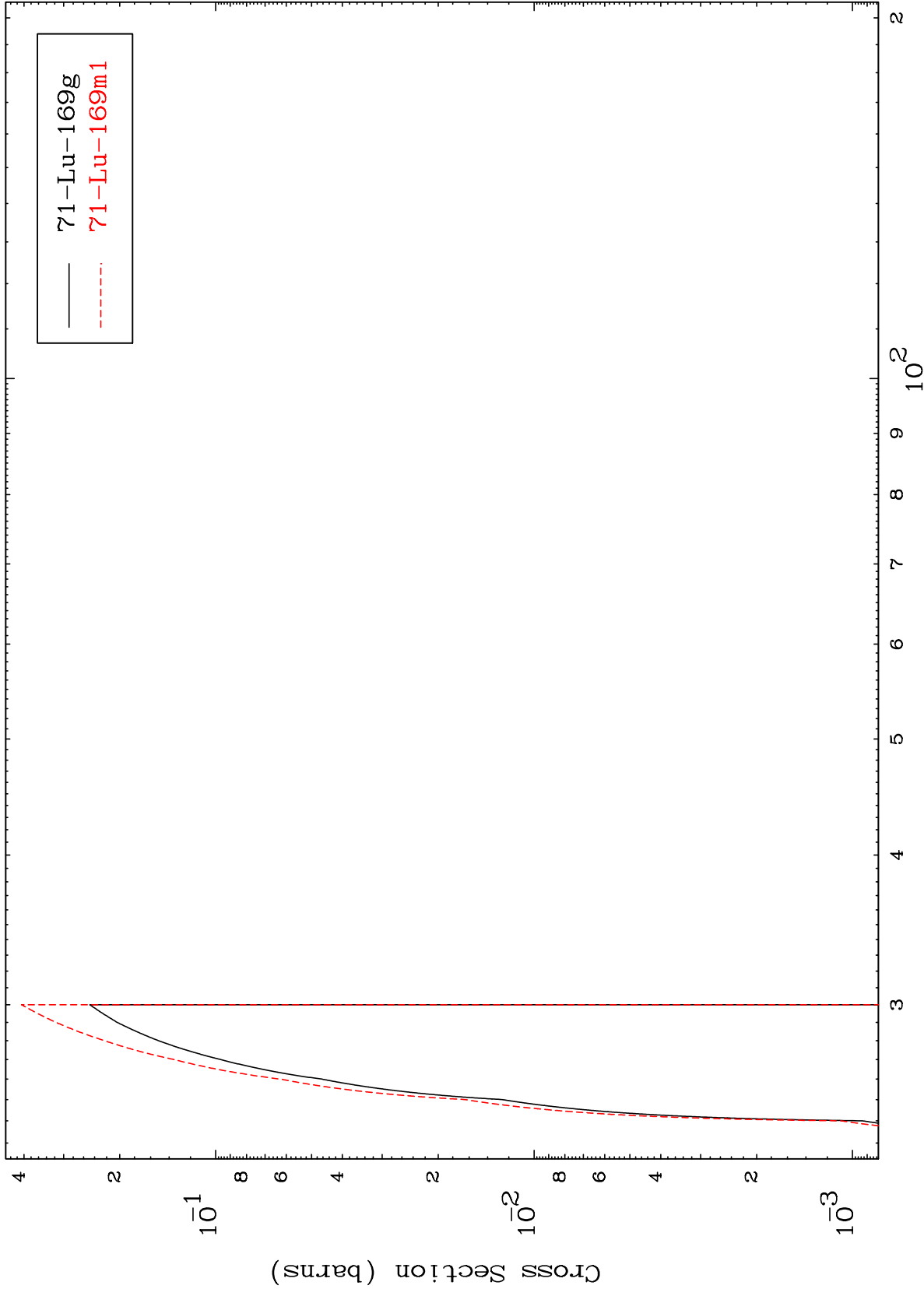


MAT 7116

(n,4n)

71-Lu-172

Radionuclide Production Cross Section



129

Incident Energy (MeV)

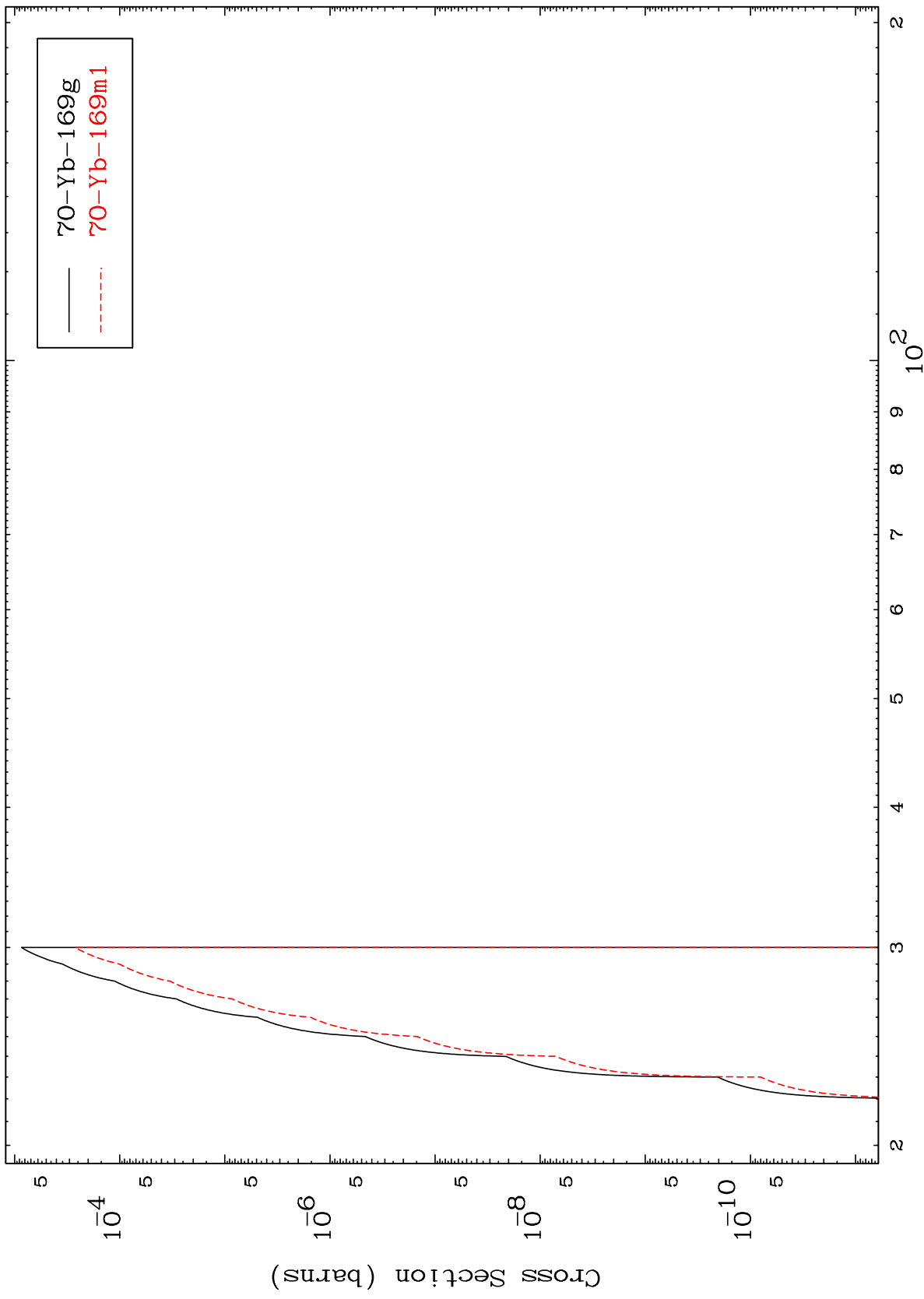
71-Lu-172

MAT 7116

(n,3n) p

71-Lu-172

Radionuclide Production Cross Section



130

Incident Energy (MeV)

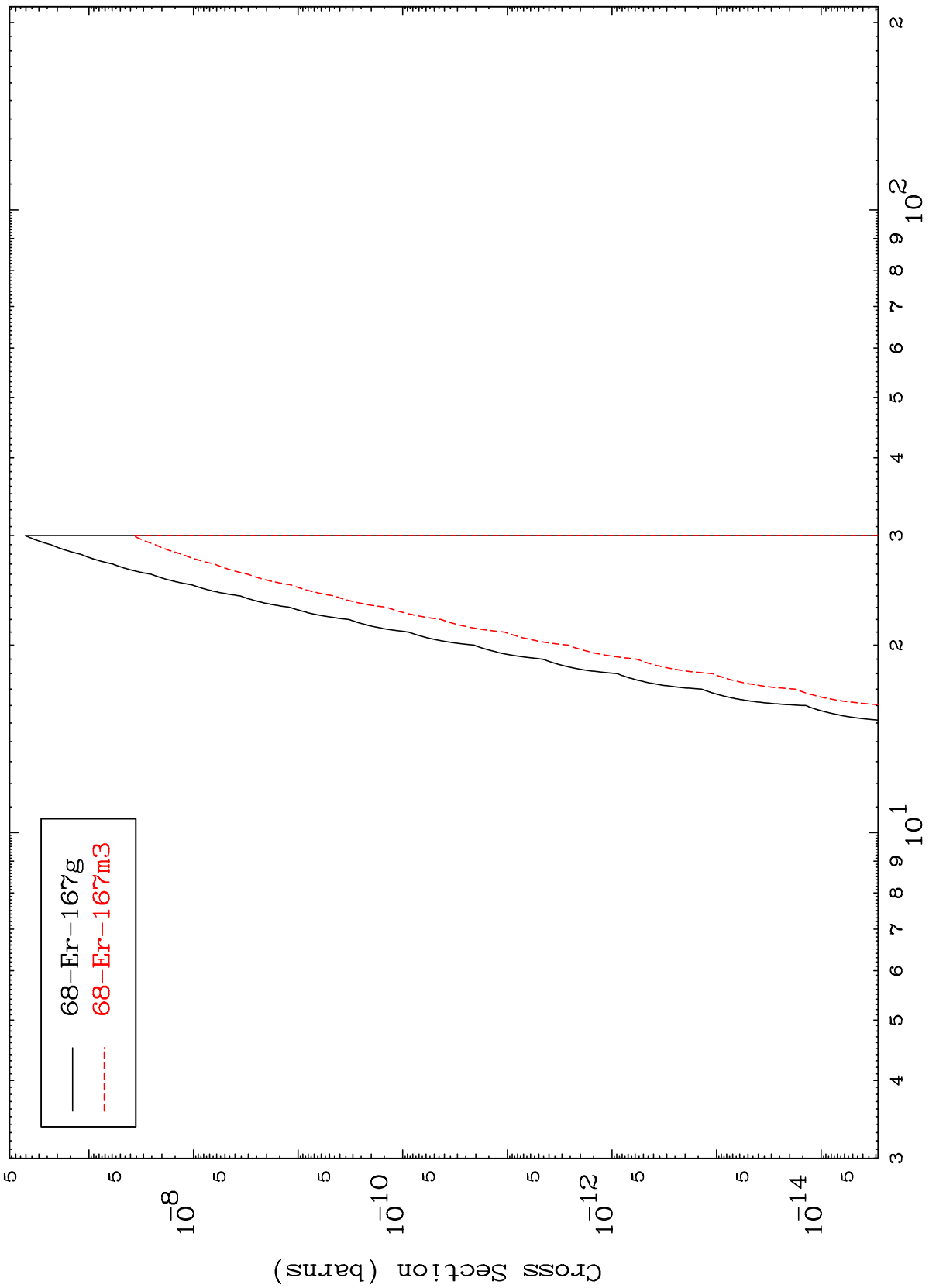
71-Lu-172

MAT 7116

(n,n') p α

71-Lu-172

Radionuclide Production Cross Section



68-Er-167g
68-Er-167m3

131

Incident Energy (MeV)

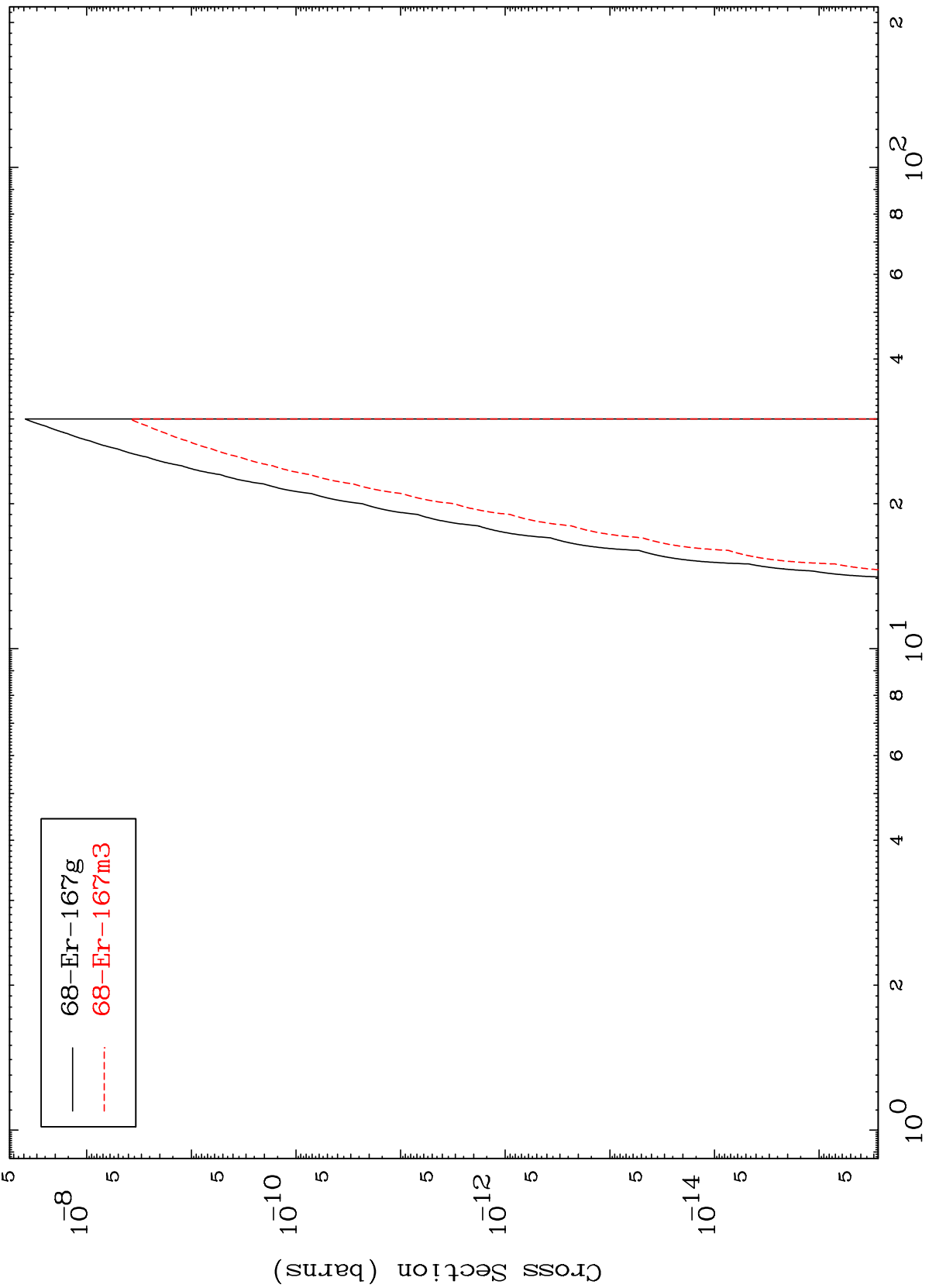
71-Lu-172

MAT 71116

(n,d) α

71-Lu-172

Radionuclide Production Cross Section



132

Incident Energy (MeV)

71-Lu-172