

Program EVALPLOT
(Version 2018-1)

by

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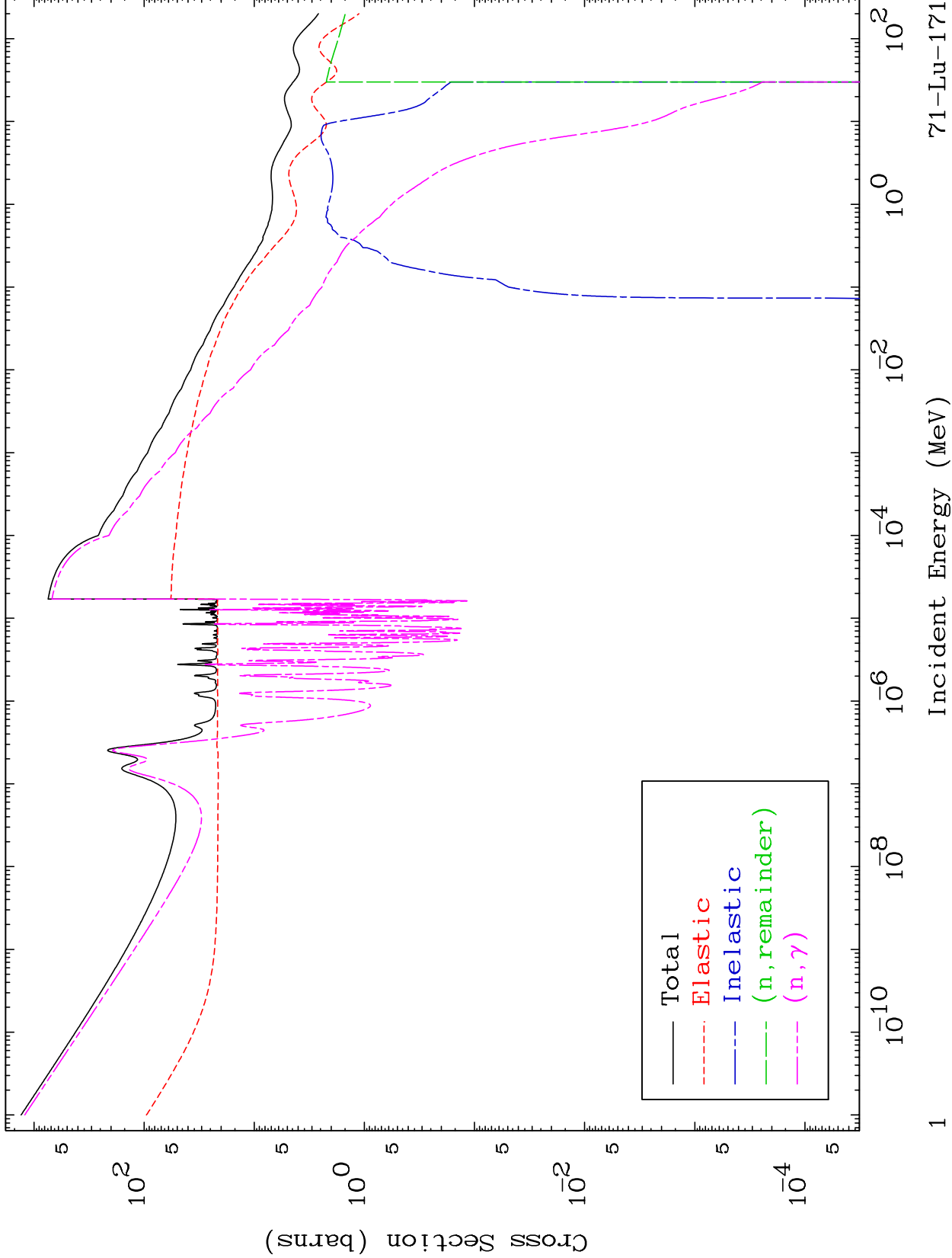
Press Mouse Button to Start

MAT 7113

Major

293 Kelvin Cross Sections

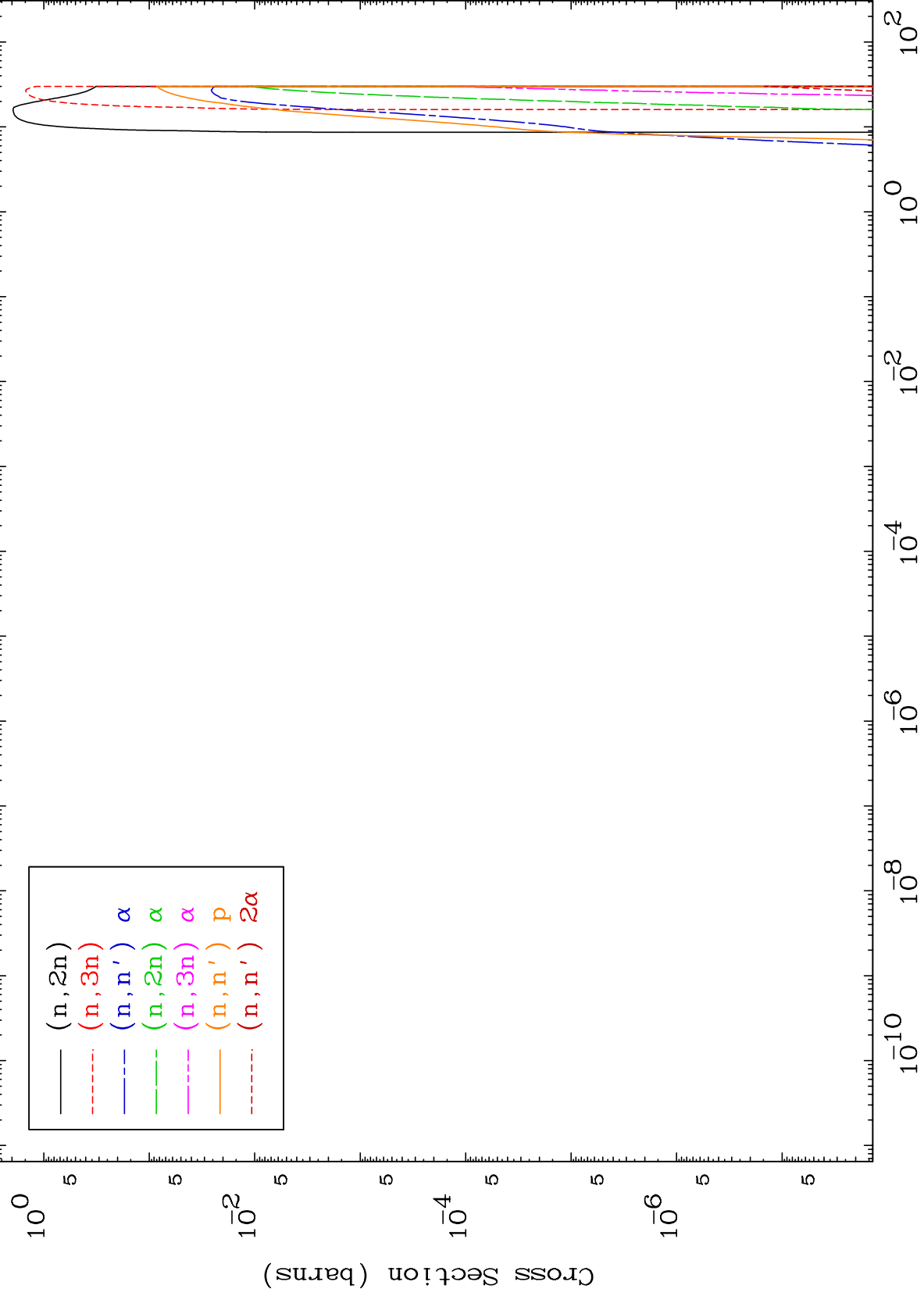
71-Lu-171



MAT 7113

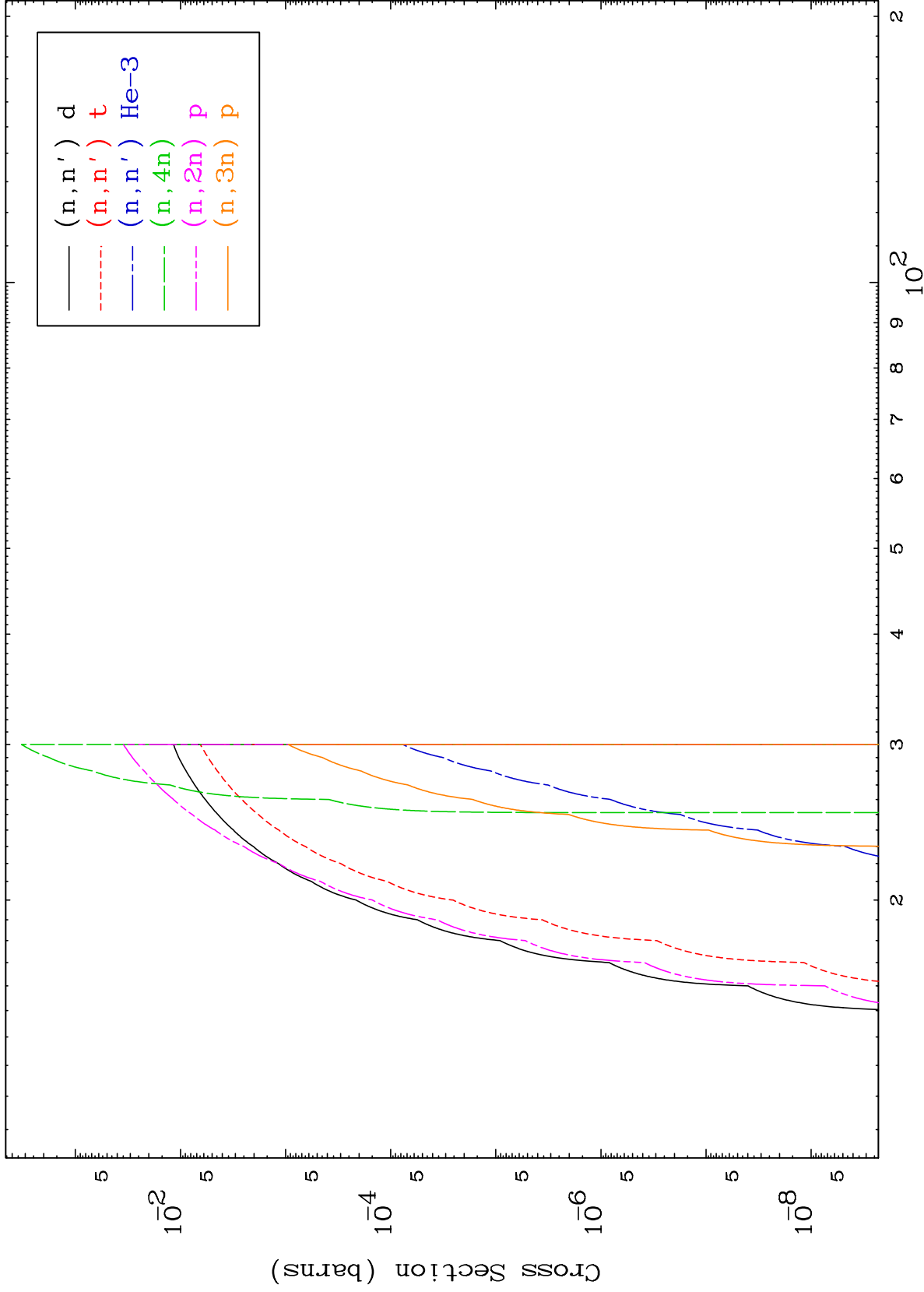
Neutron Production
293 Kelvin Cross Sections

71-Lu-171



71-Lu-171

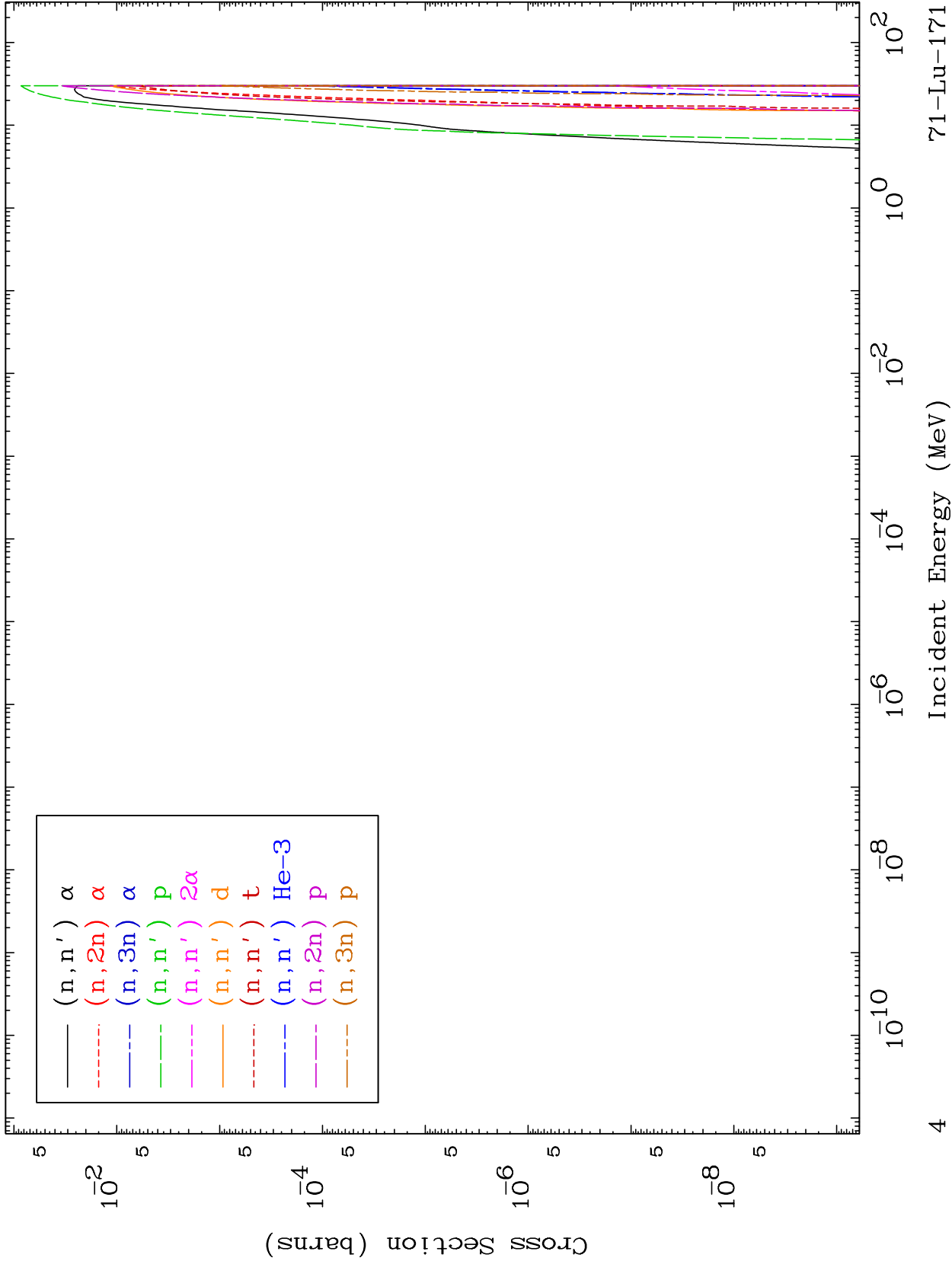
Incident Energy (MeV)



MAT 7113

Charged Particle
293 Kelvin Cross Sections

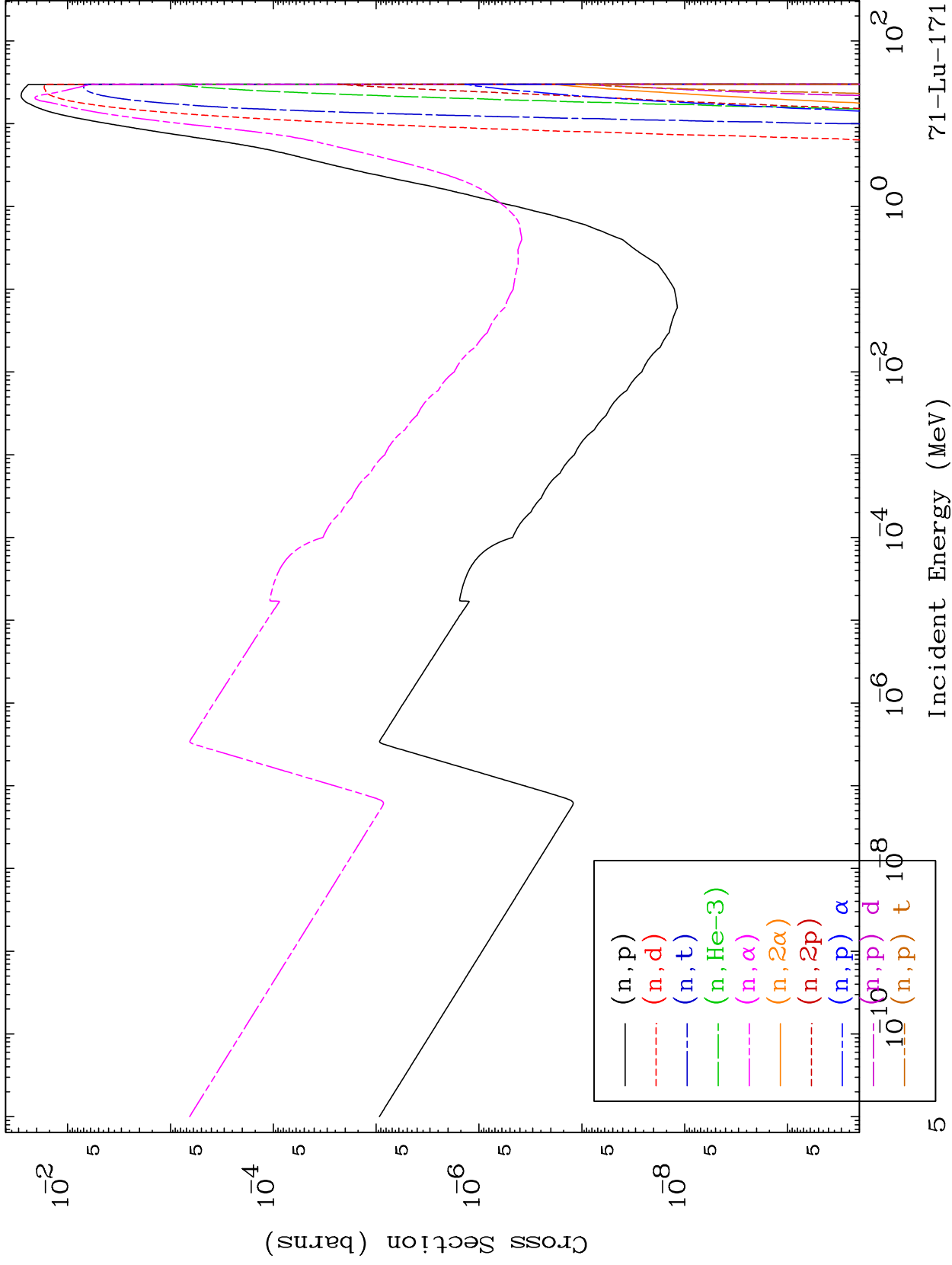
71-Lu-171



MAT 7113

Charged Particle
293 Kelvin Cross Sections

71-Lu-171

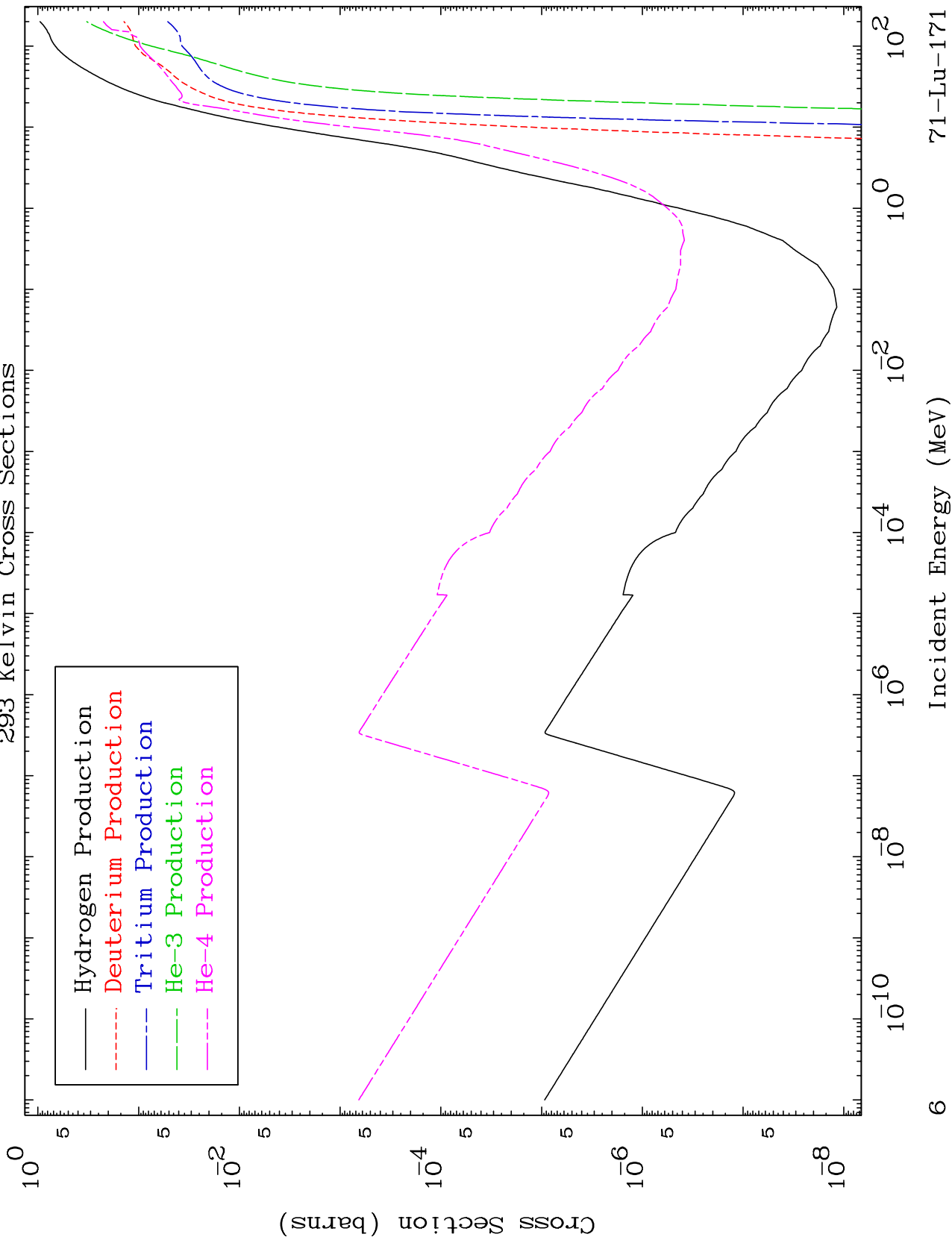


71-Lu-171

MAT 7113

Particle Production
293 Kelvin Cross Sections

71-Lu-171

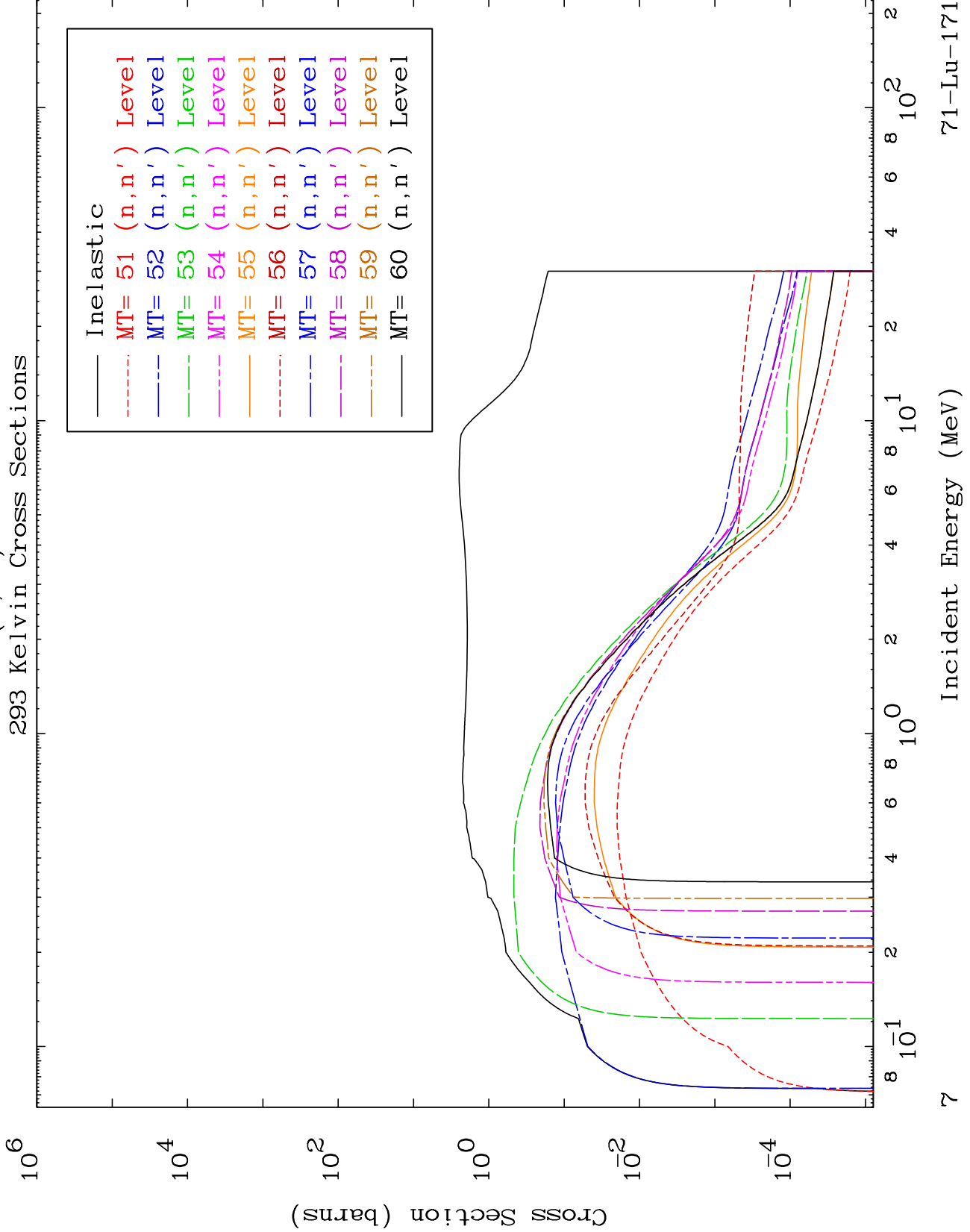


MAT 7113

(n,n') Level

293 Kelvin Cross Sections

71-Lu-171

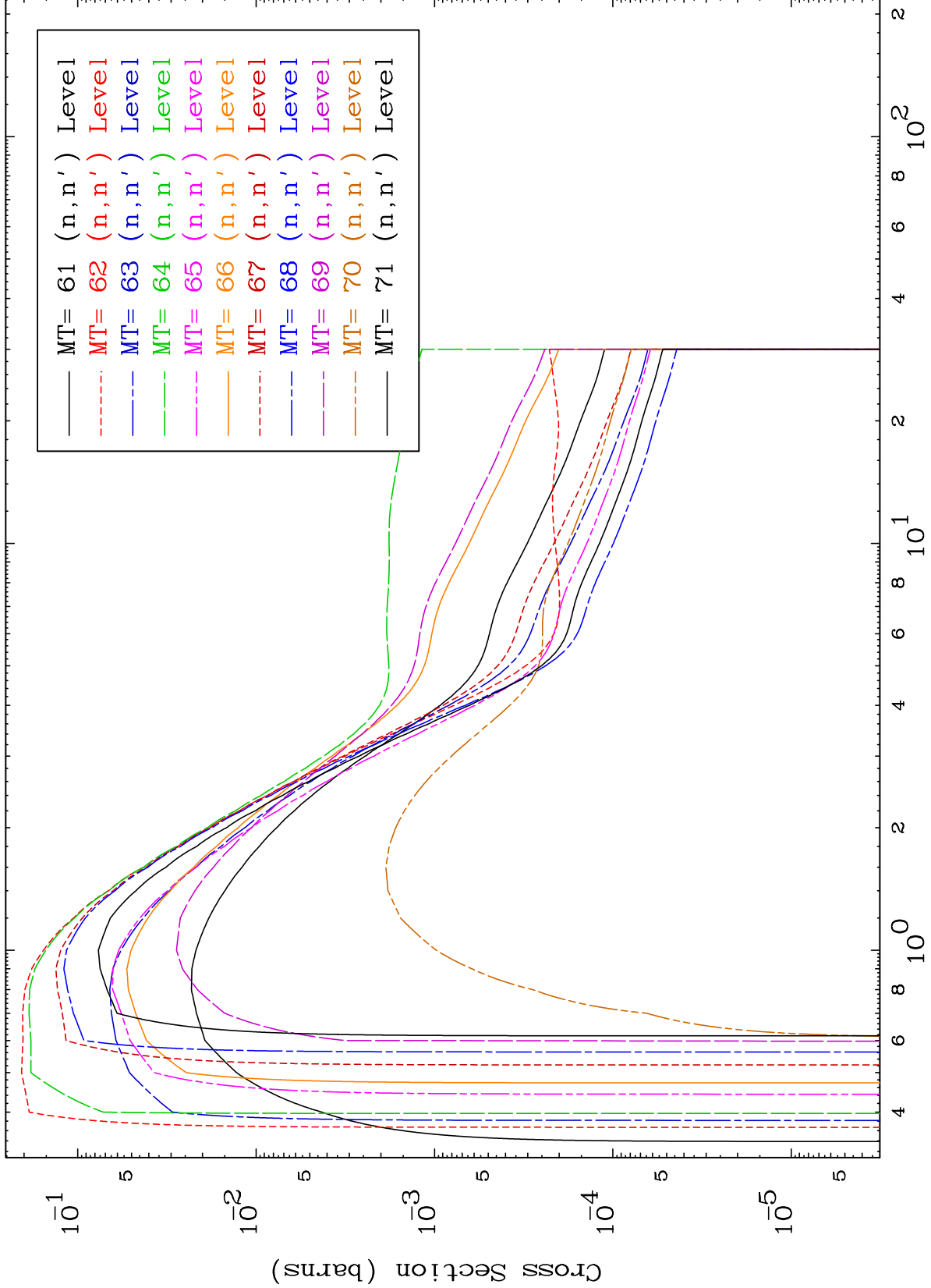


MAT 7113

(n,n') Level

71-Lu-171

293 Kelvin Cross Sections

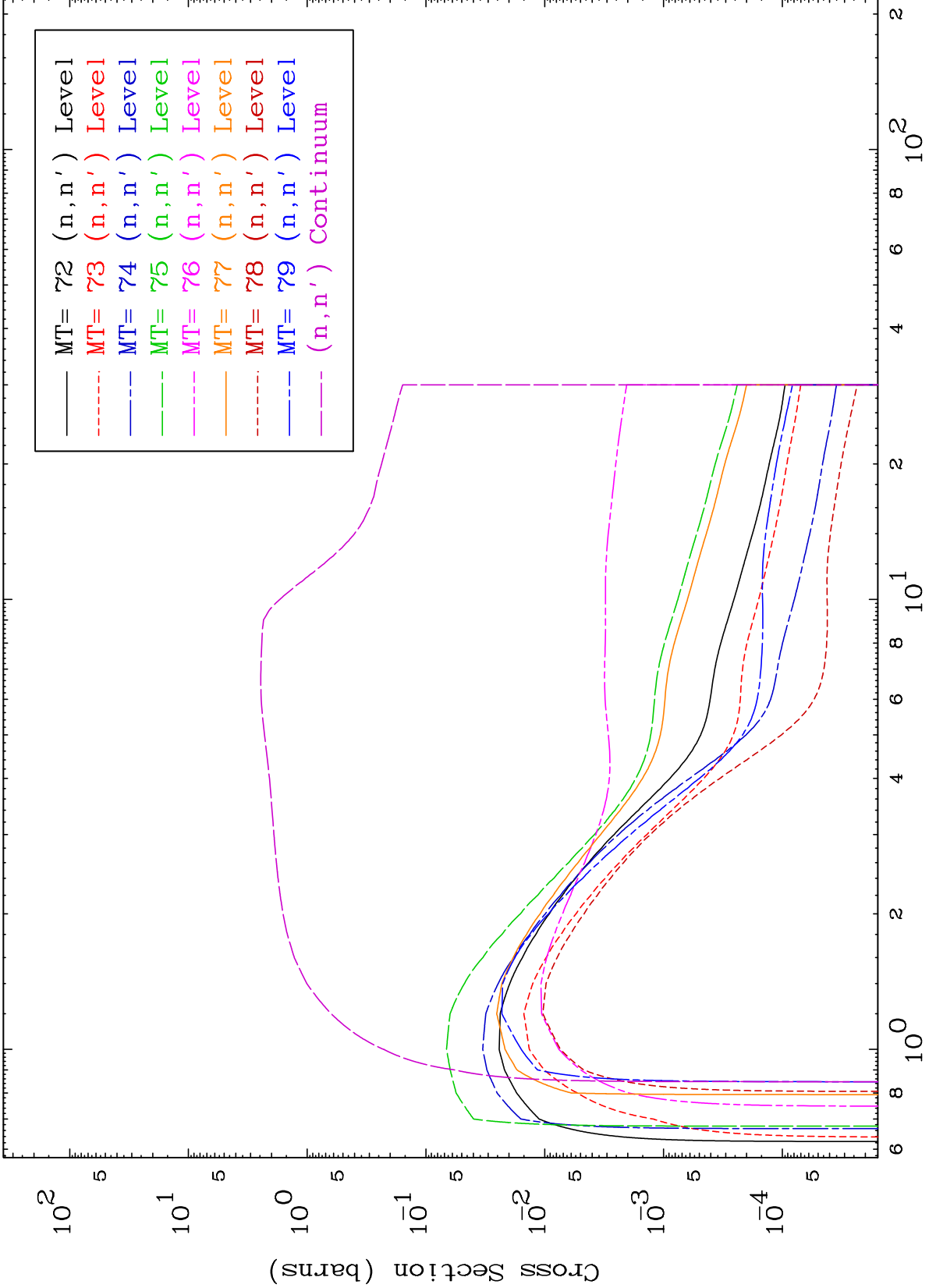


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Incident Energy (MeV)

71-Lu-171

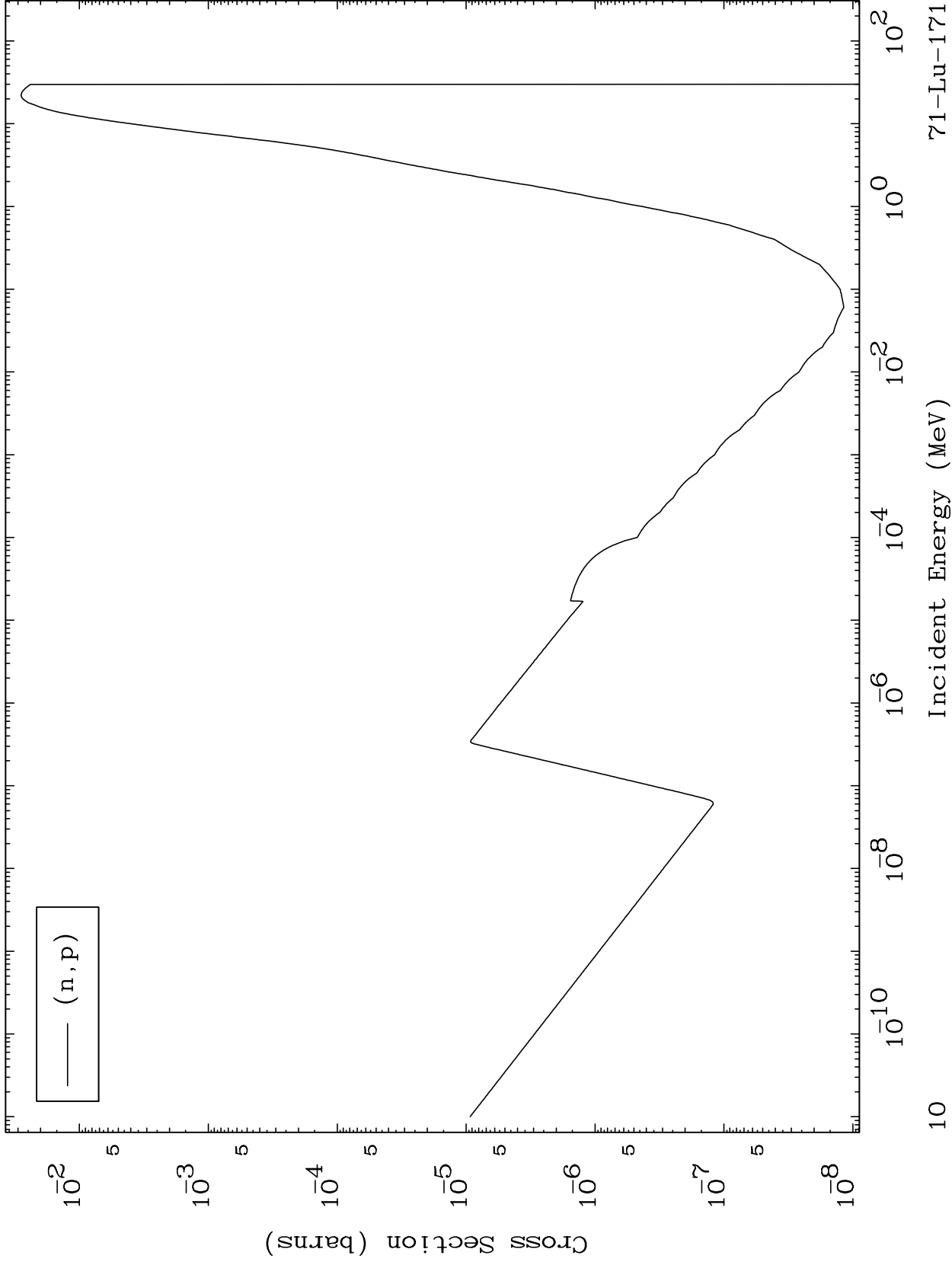
293 Kelvin Cross Sections



MAT 7113

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-171



10

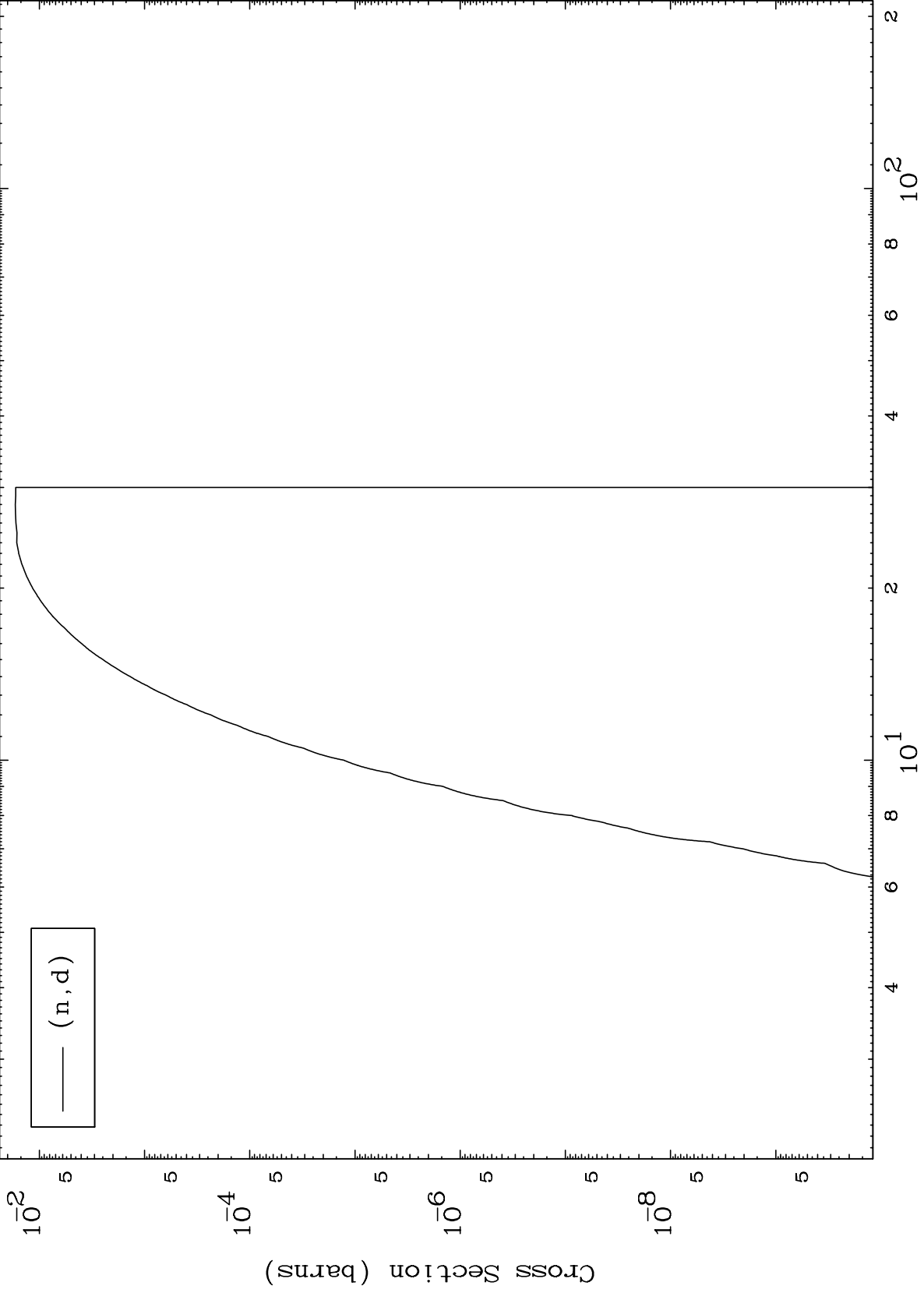
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-171



11

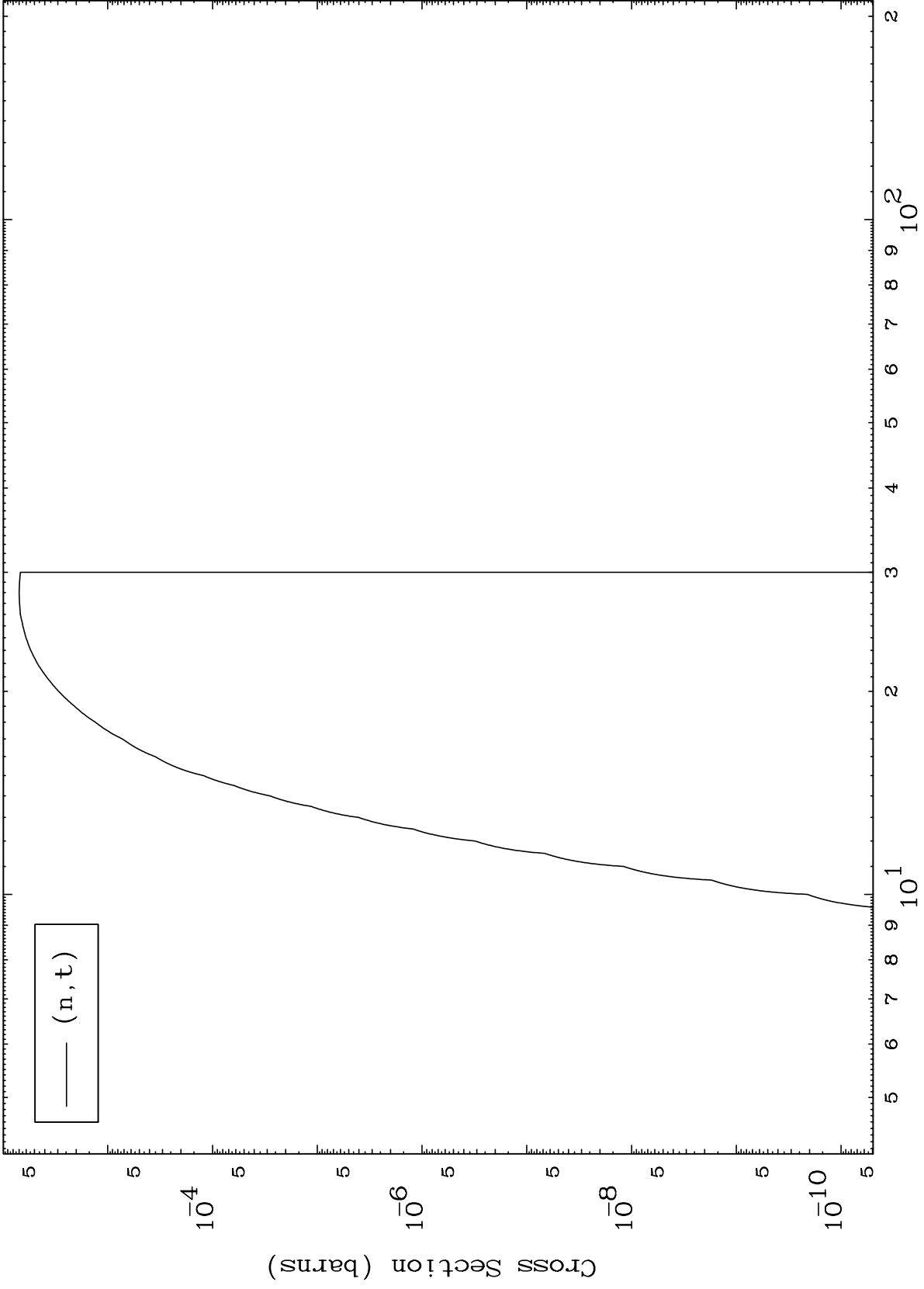
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-171



(n,t)

12

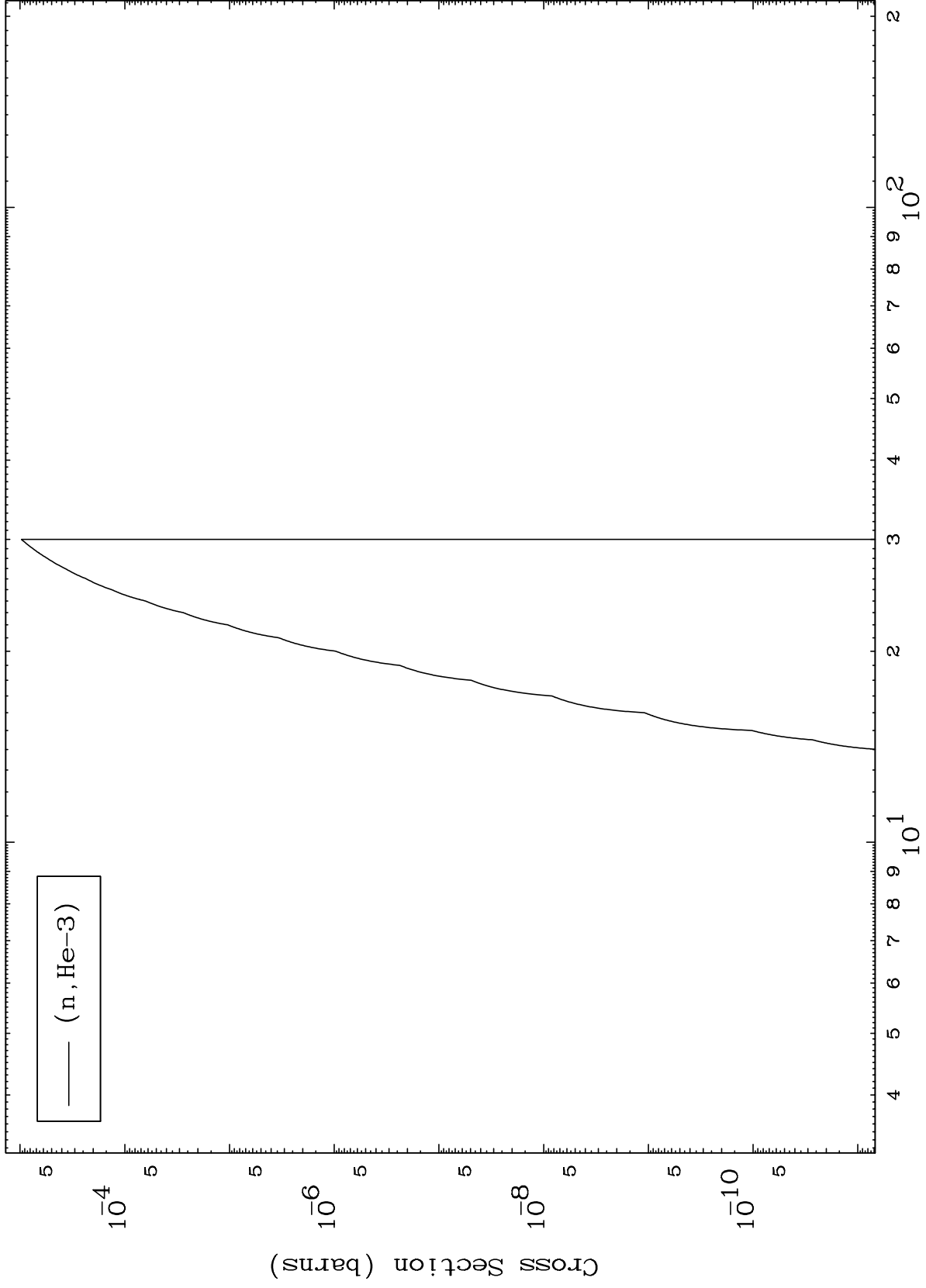
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-171



13

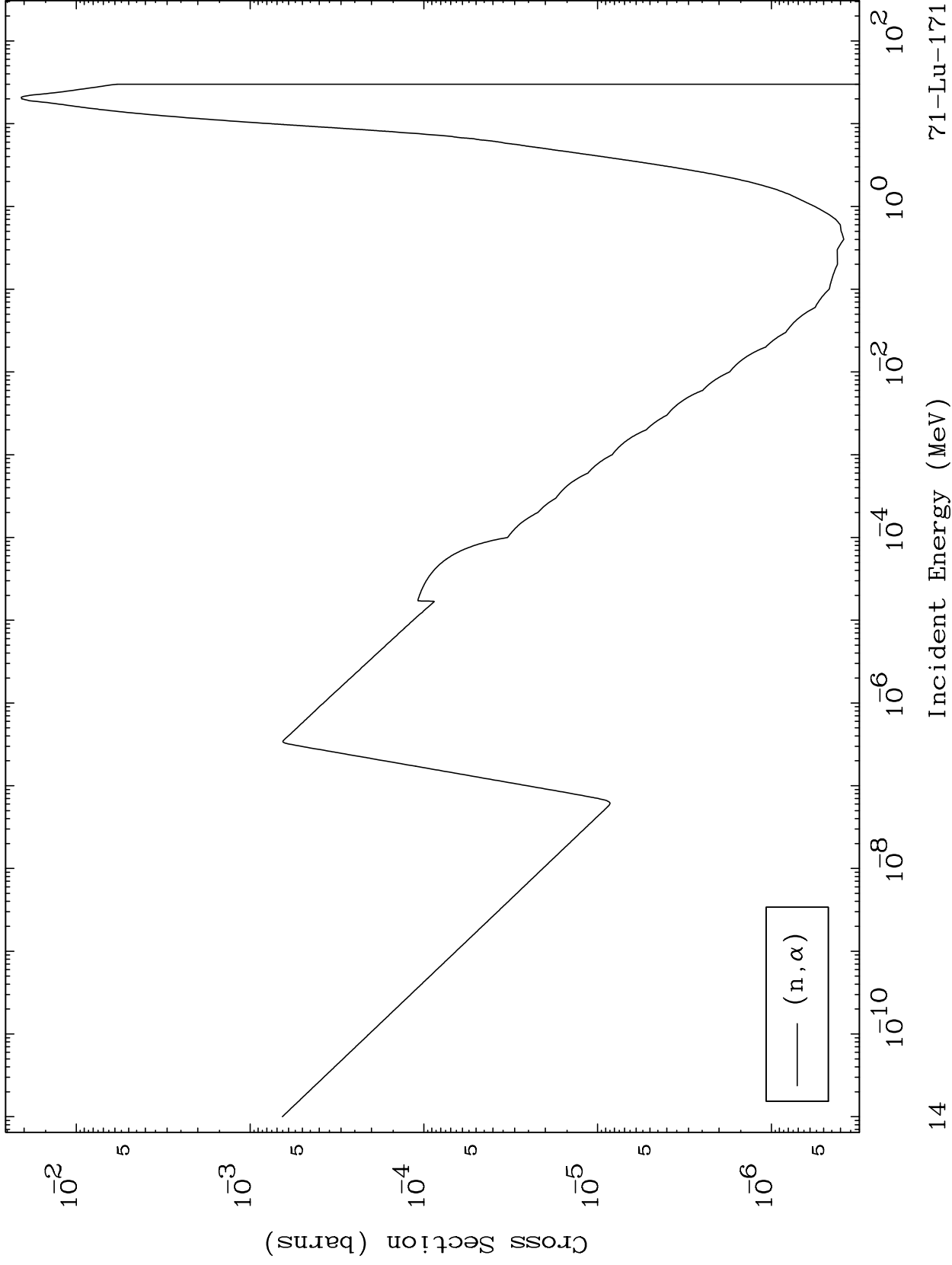
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n, α) Levels
293 Kelvin Cross Sections

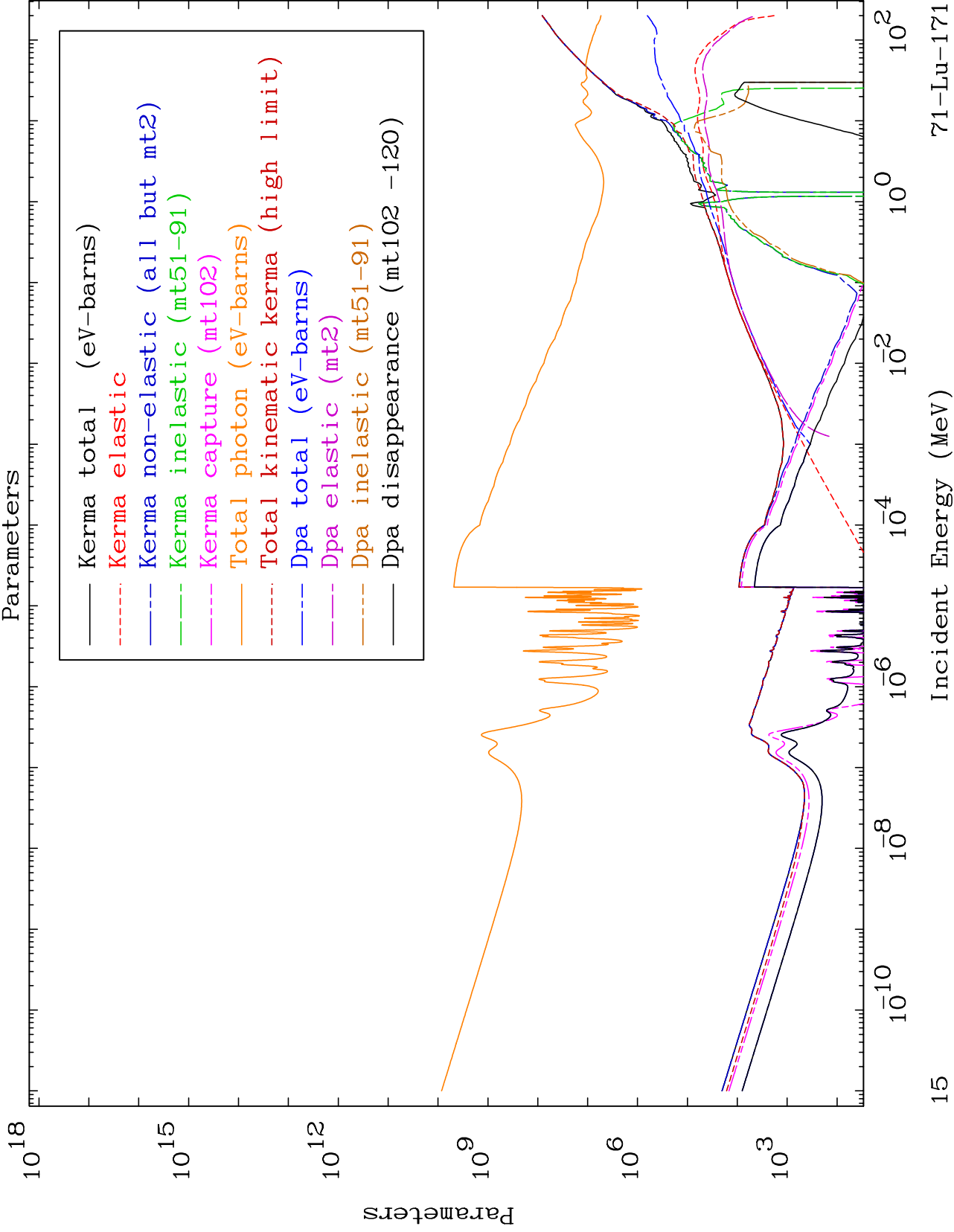
71-Lu-171



14

Incident Energy (MeV)

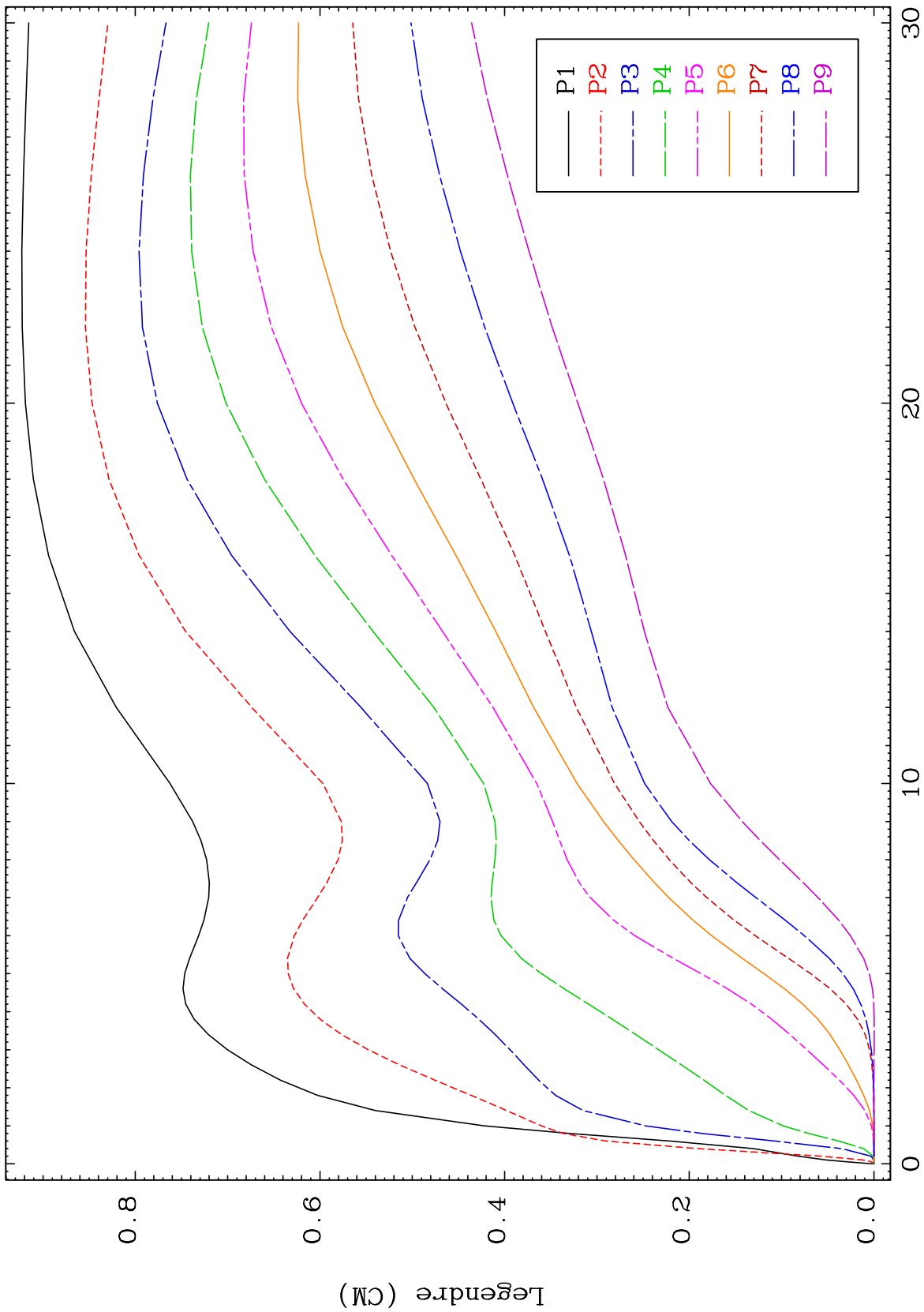
71-Lu-171



MAT 7113

71-Lu-171

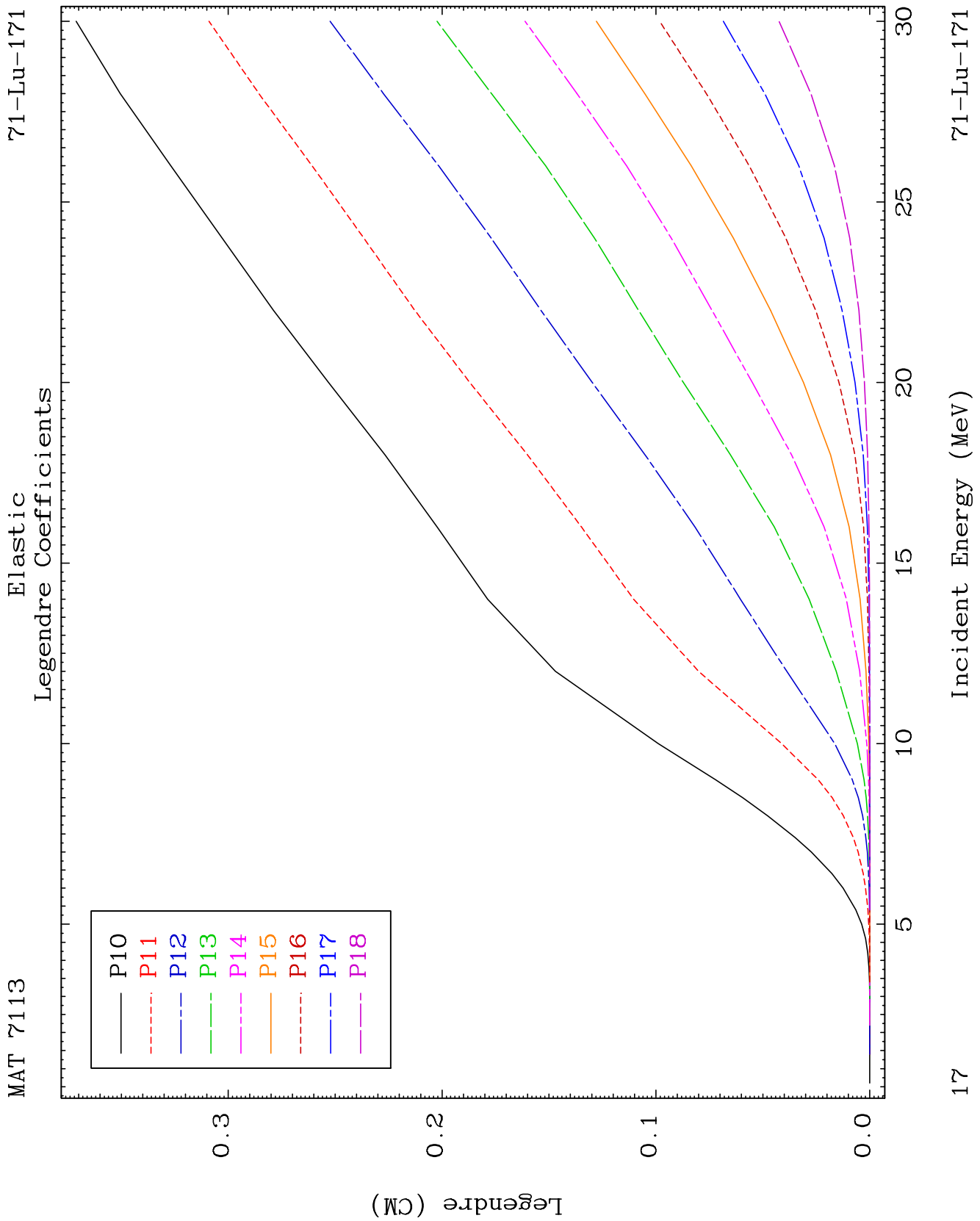
Elastic Legendre Coefficients



16

Incident Energy (MeV)

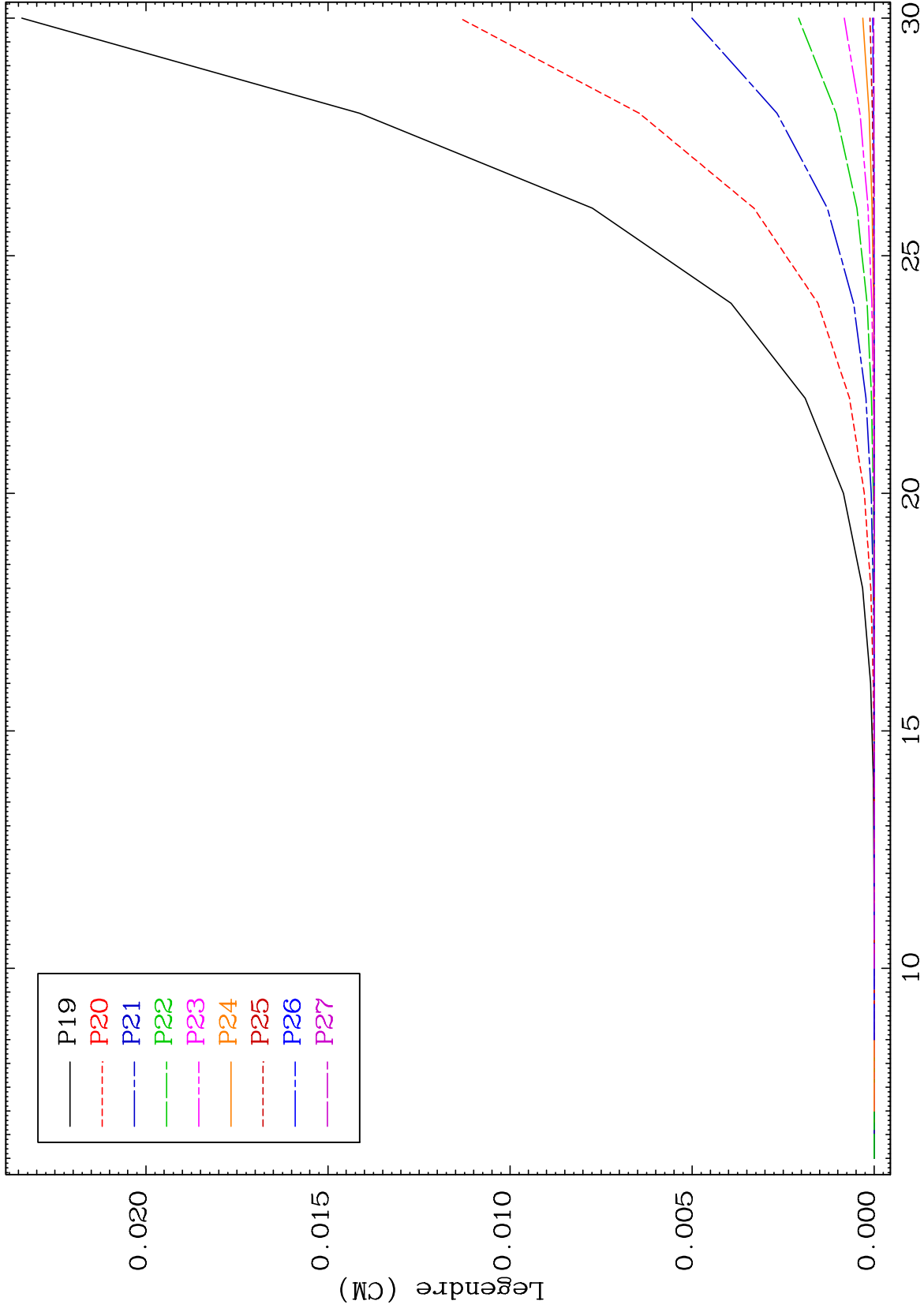
71-Lu-171



MAT 7113

Elastic Legendre Coefficients

71-Lu-171



18

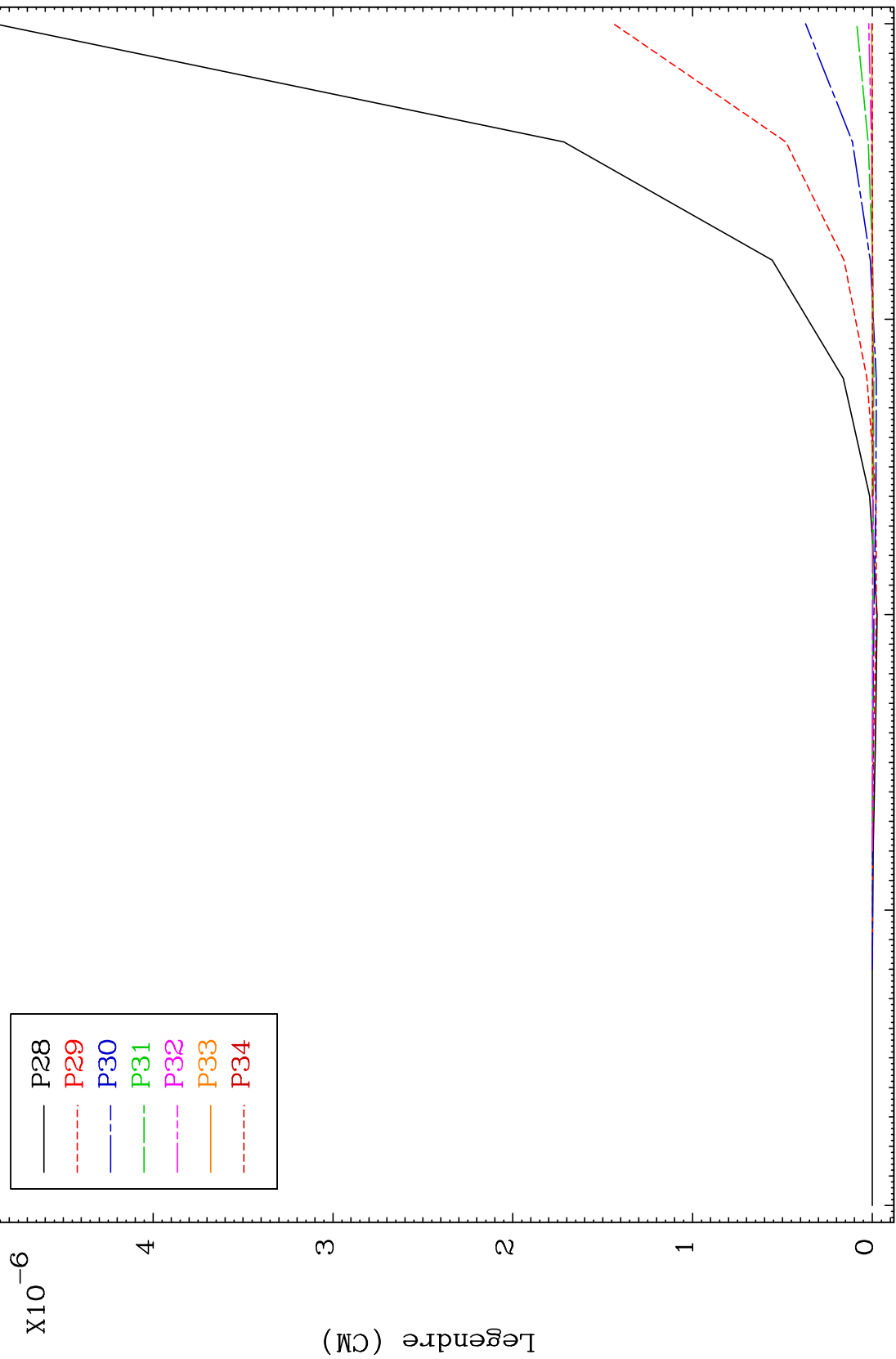
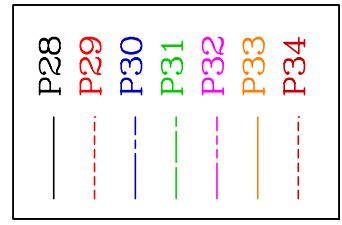
Incident Energy (MeV)

71-Lu-171

MAT 7113

Elastic Legendre Coefficients

71-Lu-171



19

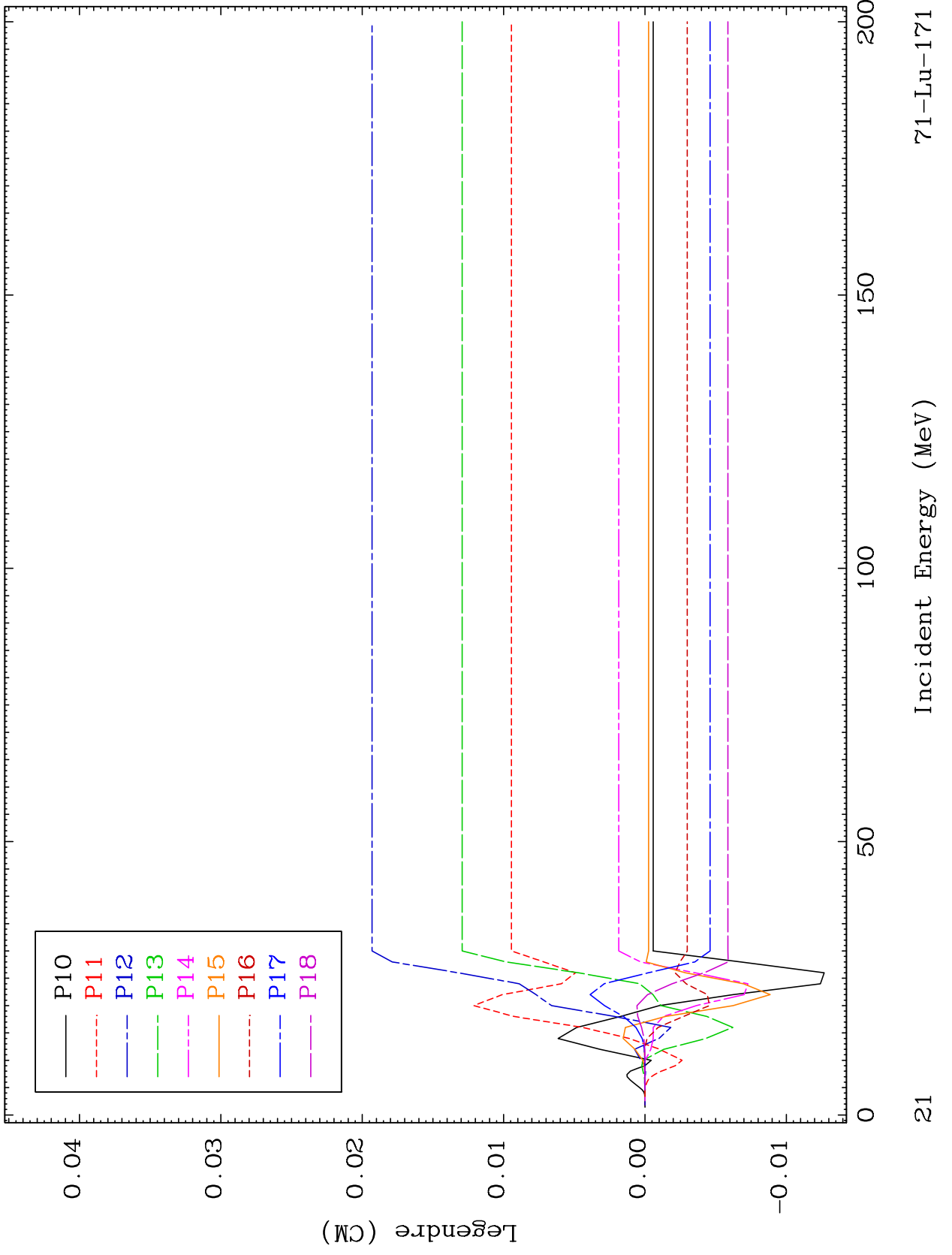
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



21

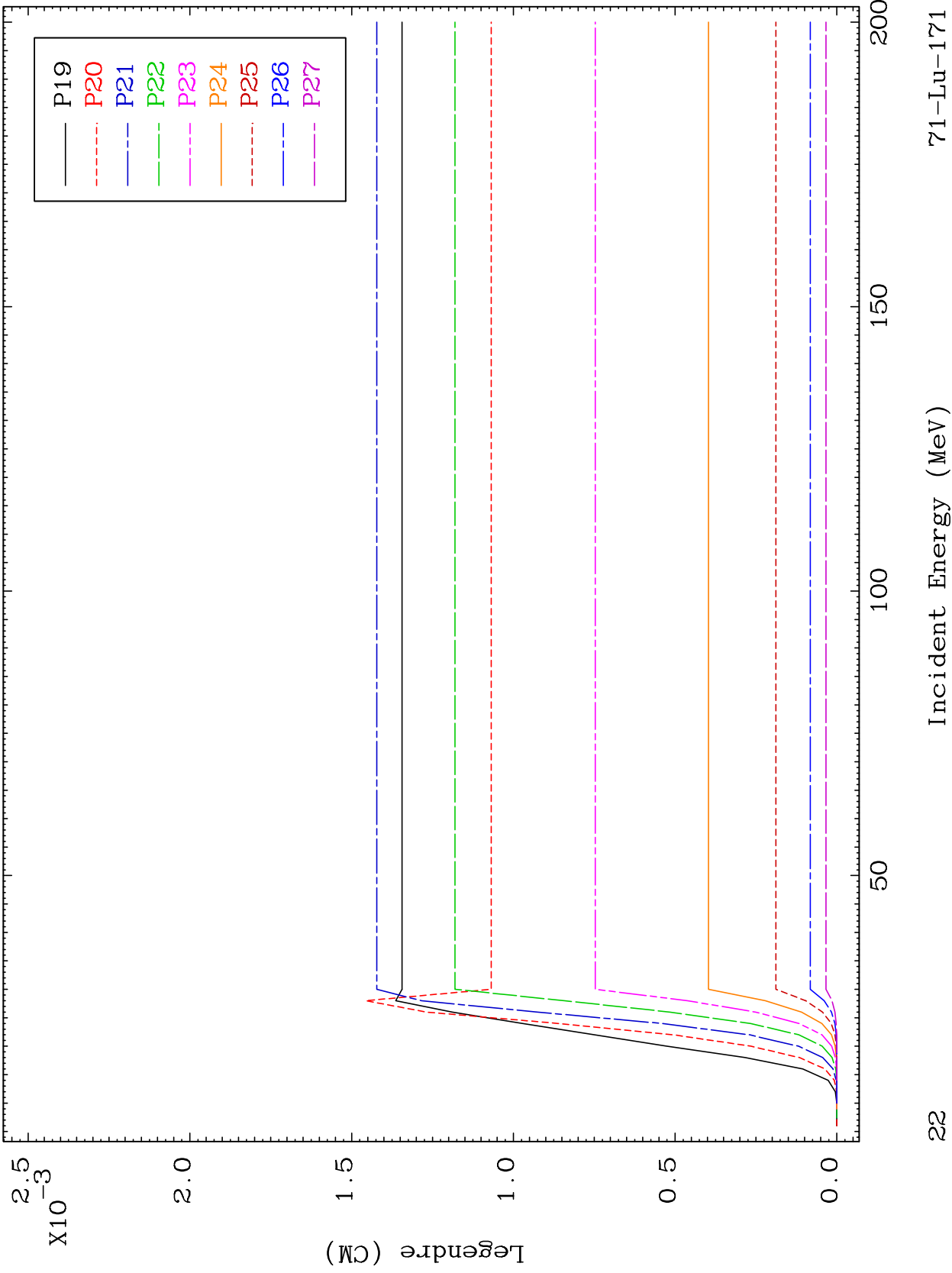
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



22

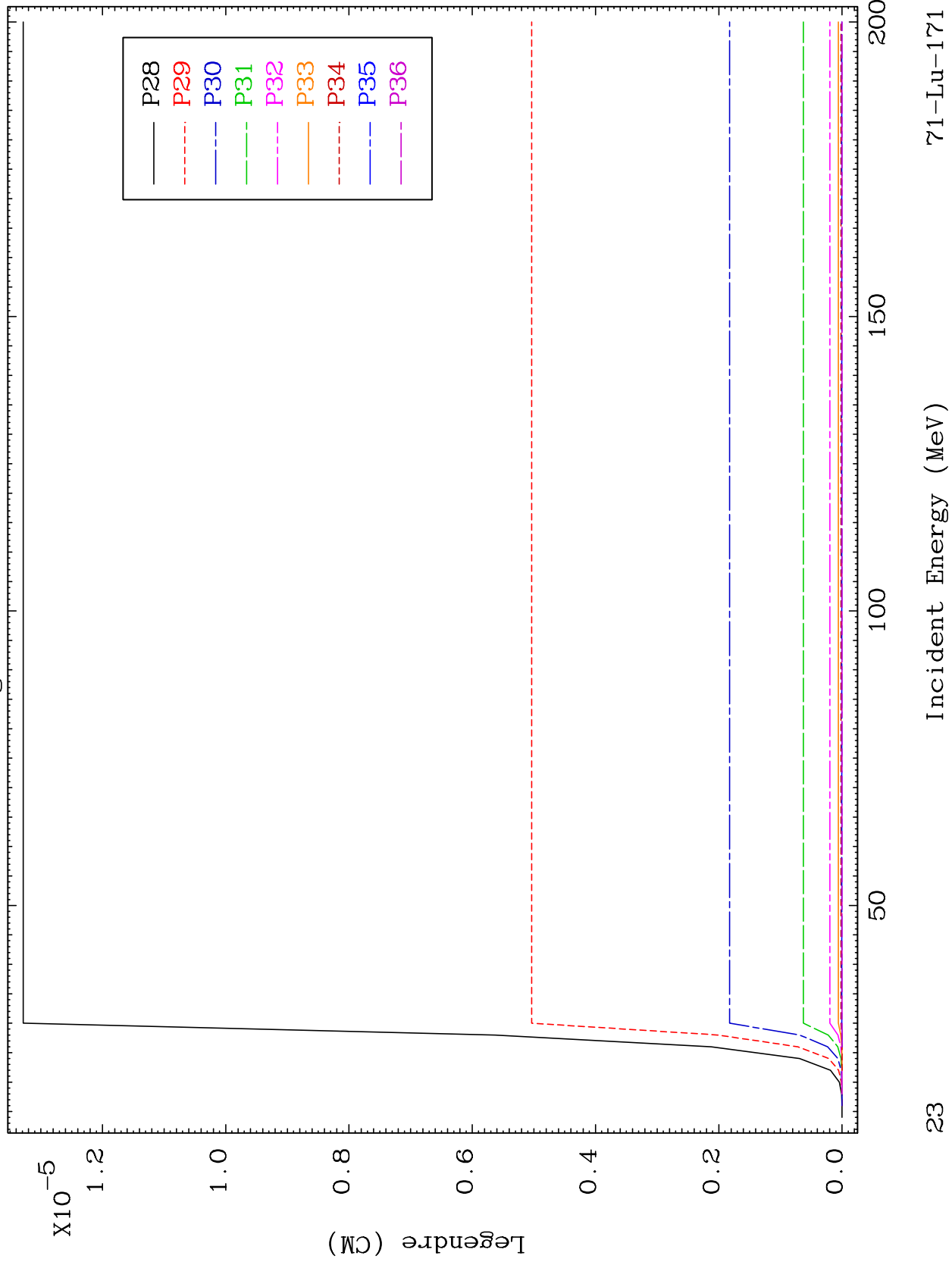
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

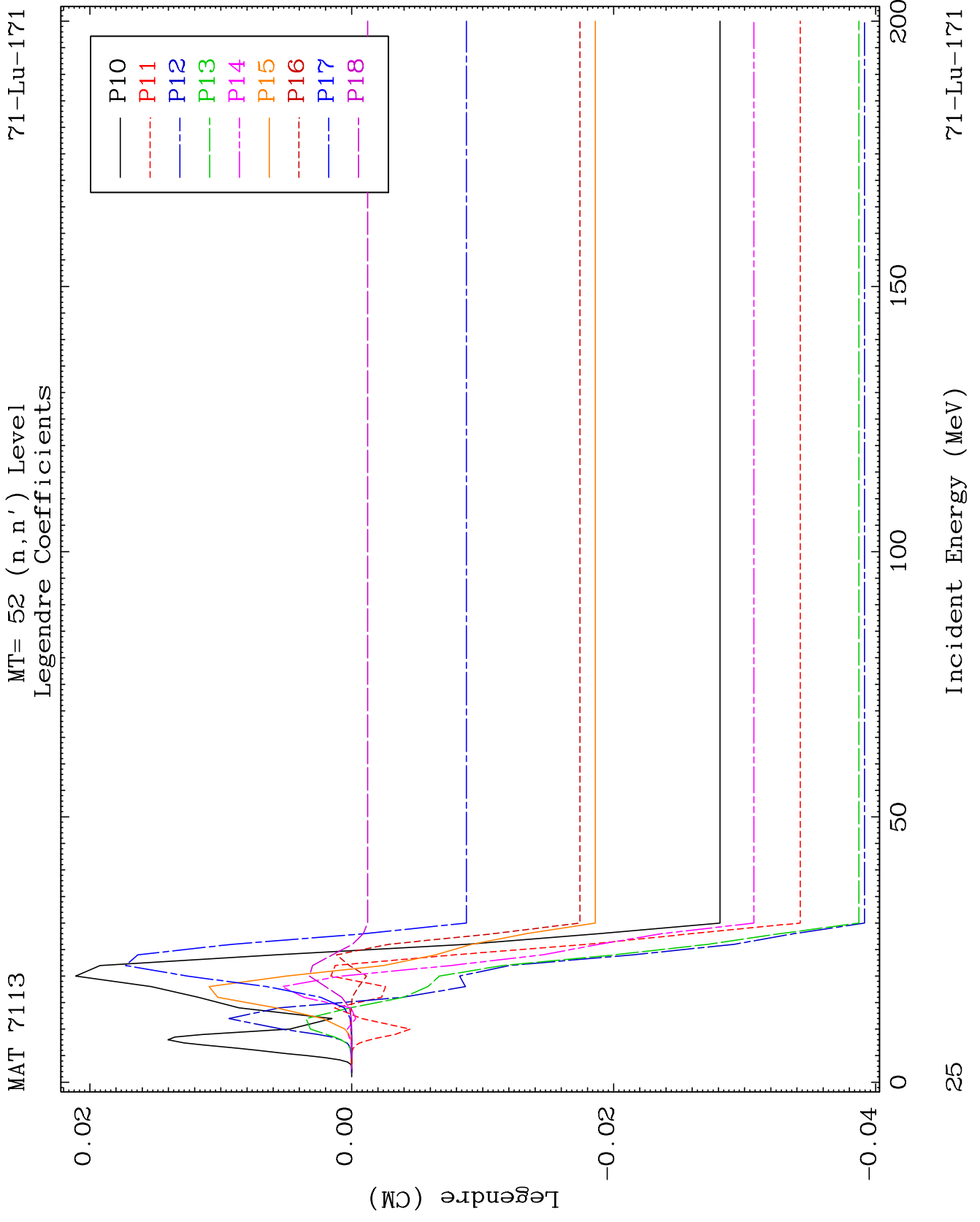
71-Lu-171

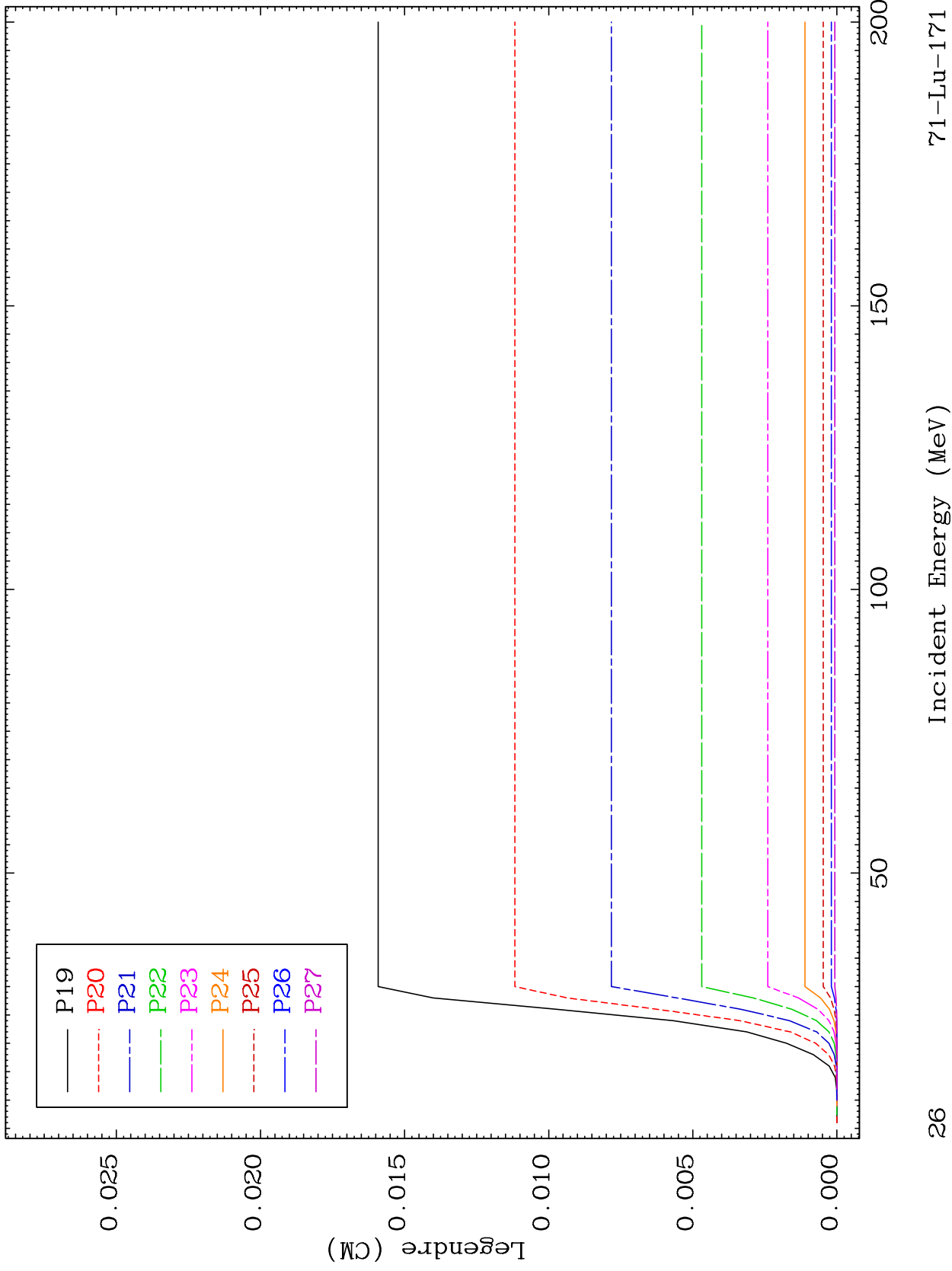


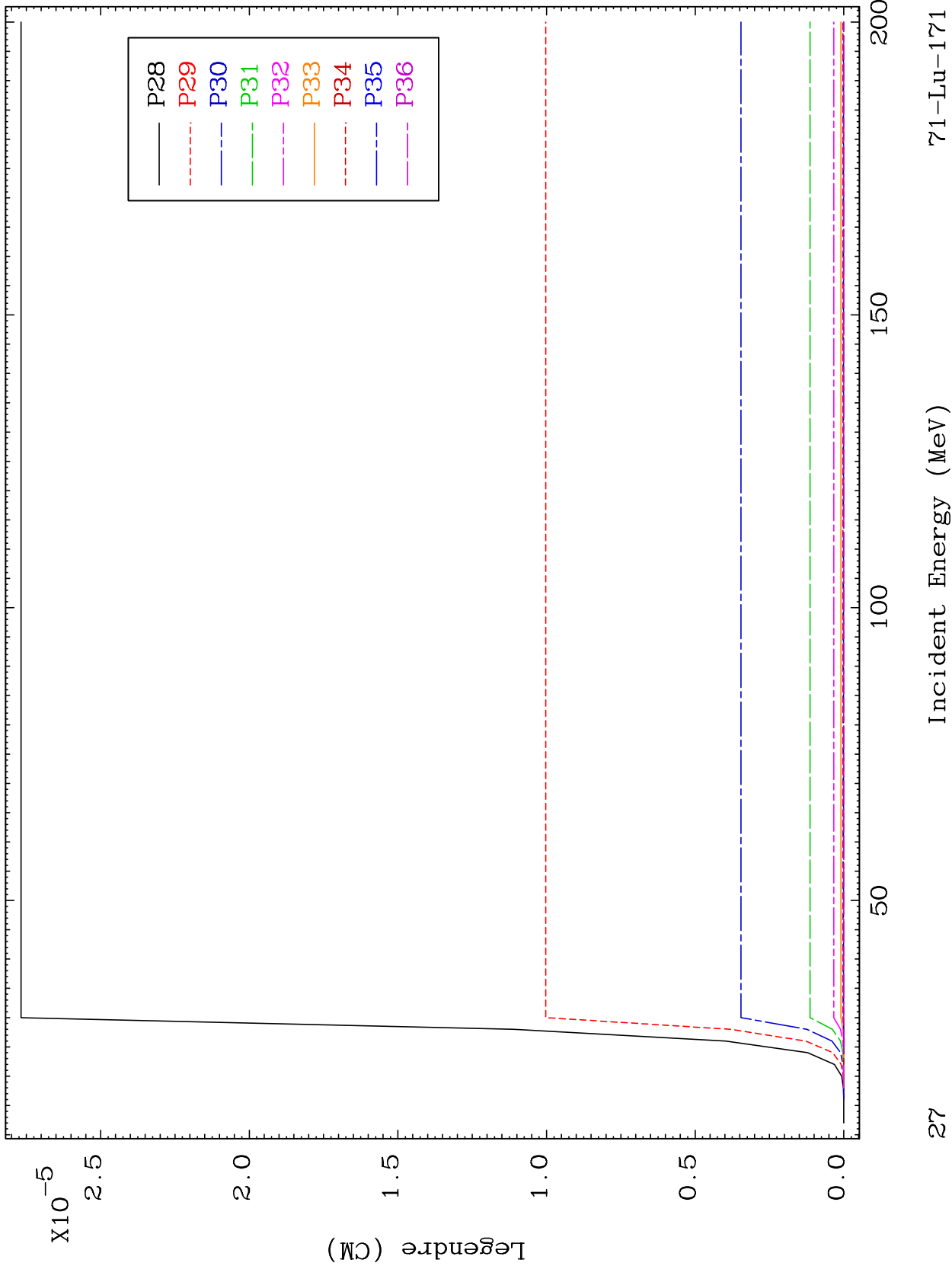
23

Incident Energy (MeV)

71-Lu-171



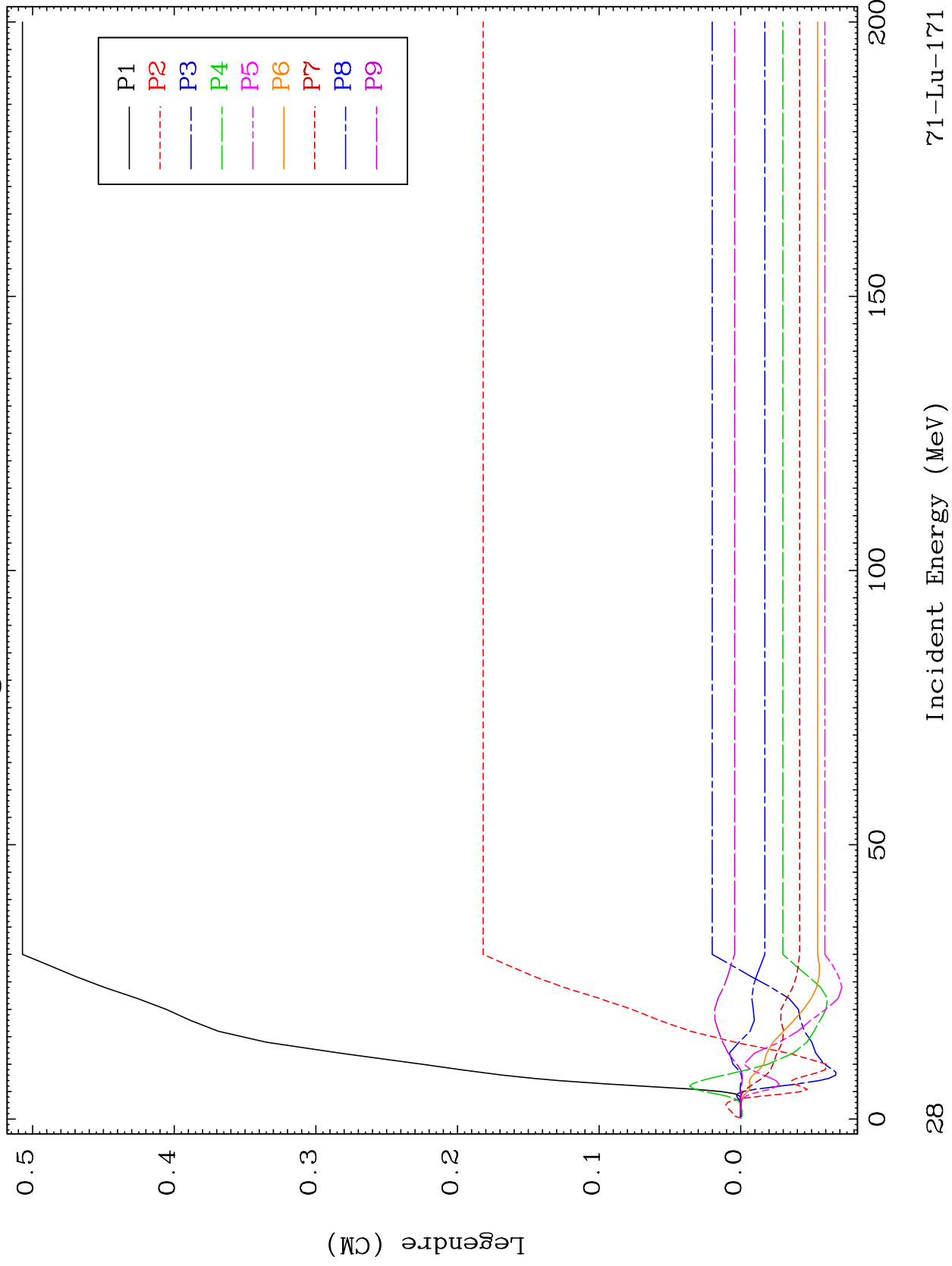




MAT 7113

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

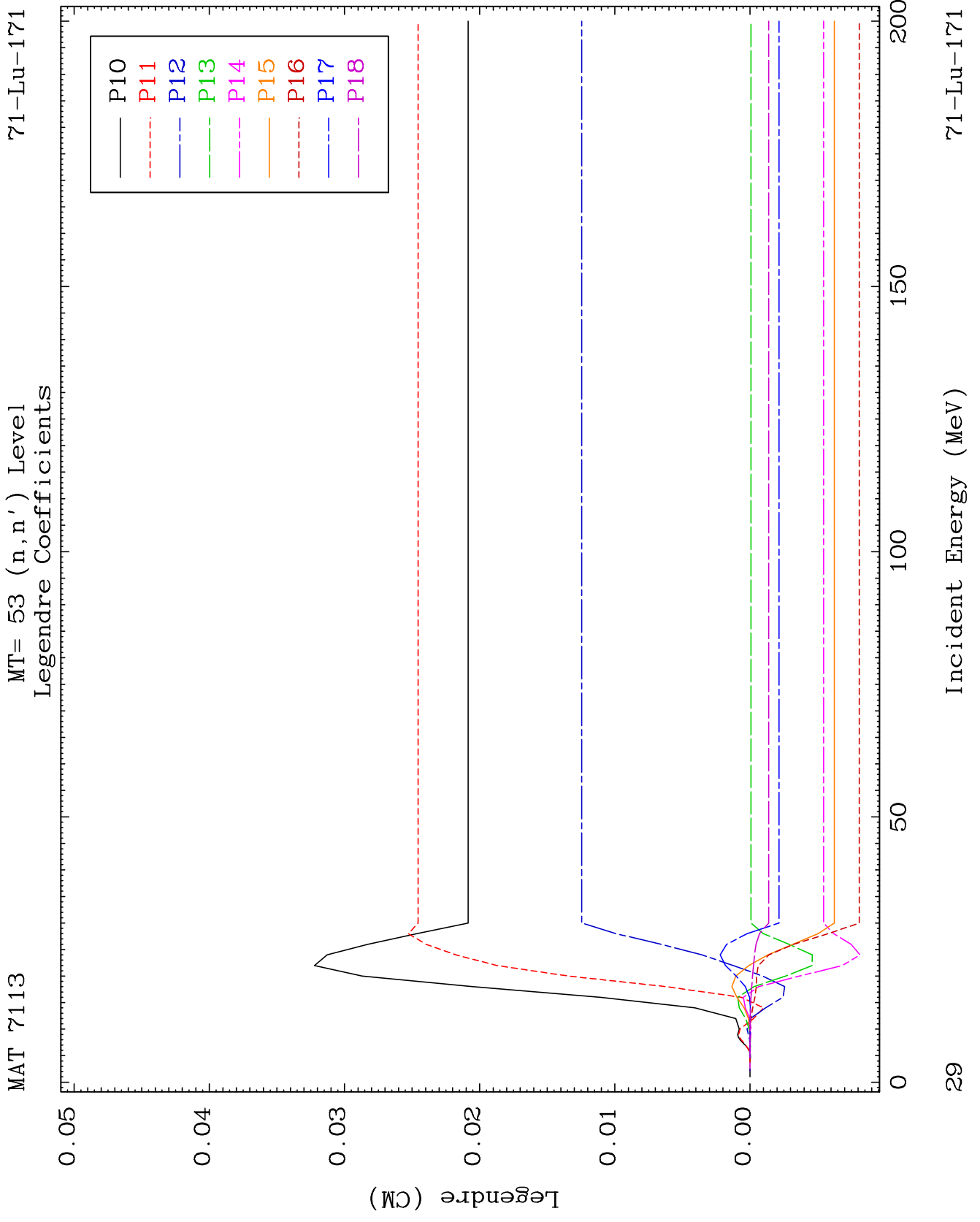
71-Lu-171



71-Lu-171

Incident Energy (MeV)

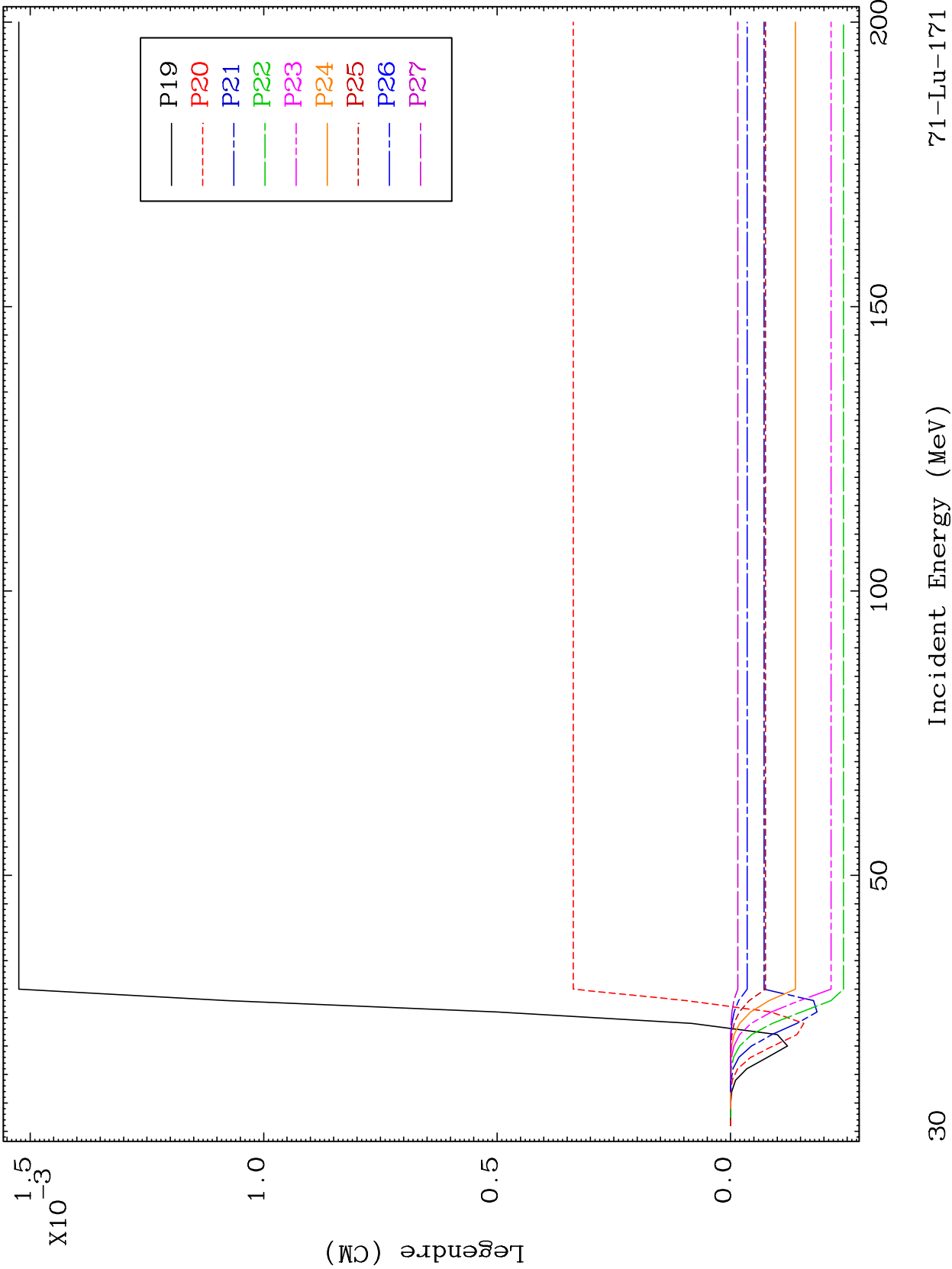
28



MAT 7113

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

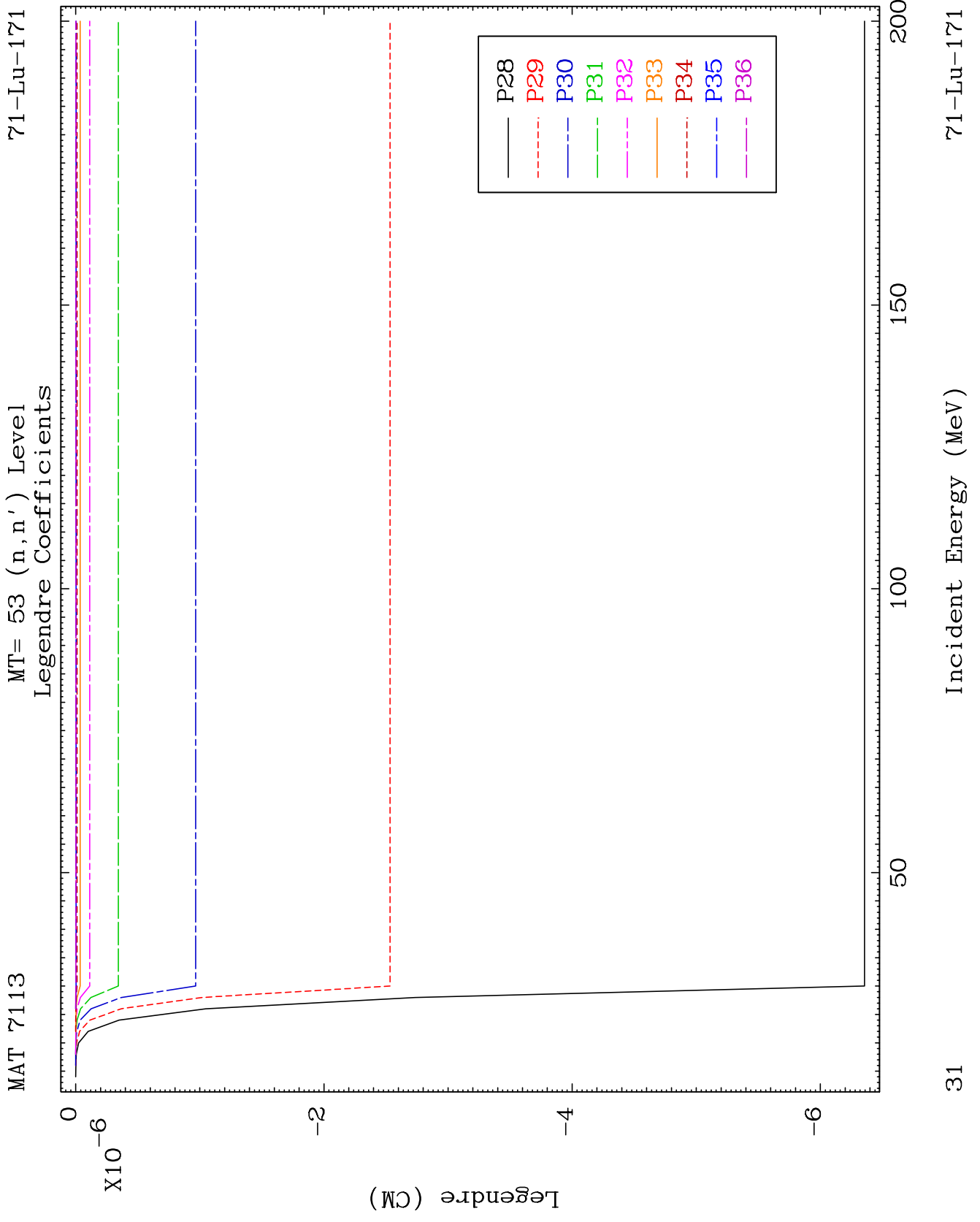
71-Lu-171

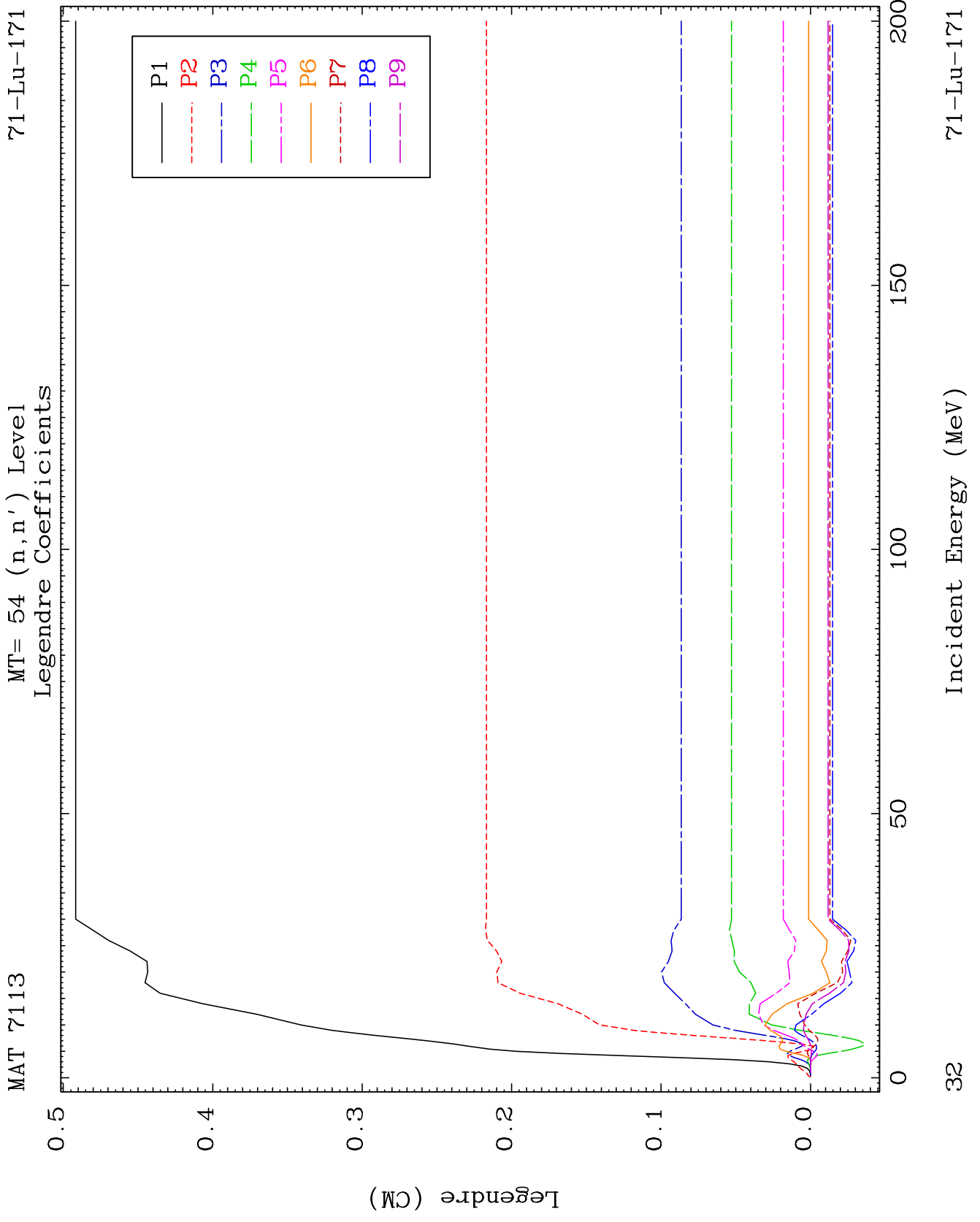


30

Incident Energy (MeV)

71-Lu-171

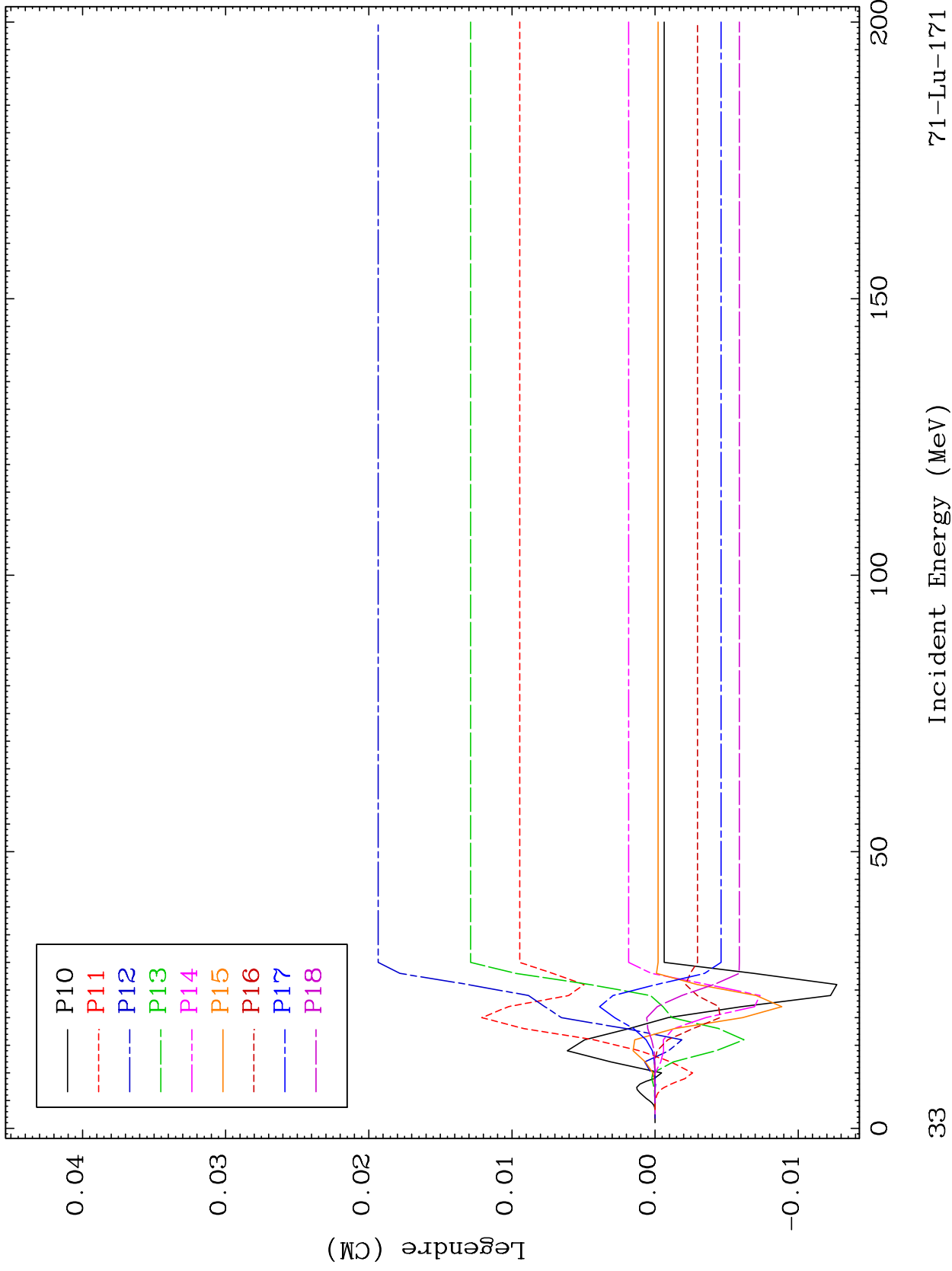




MAT 7113

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

71-Lu-171



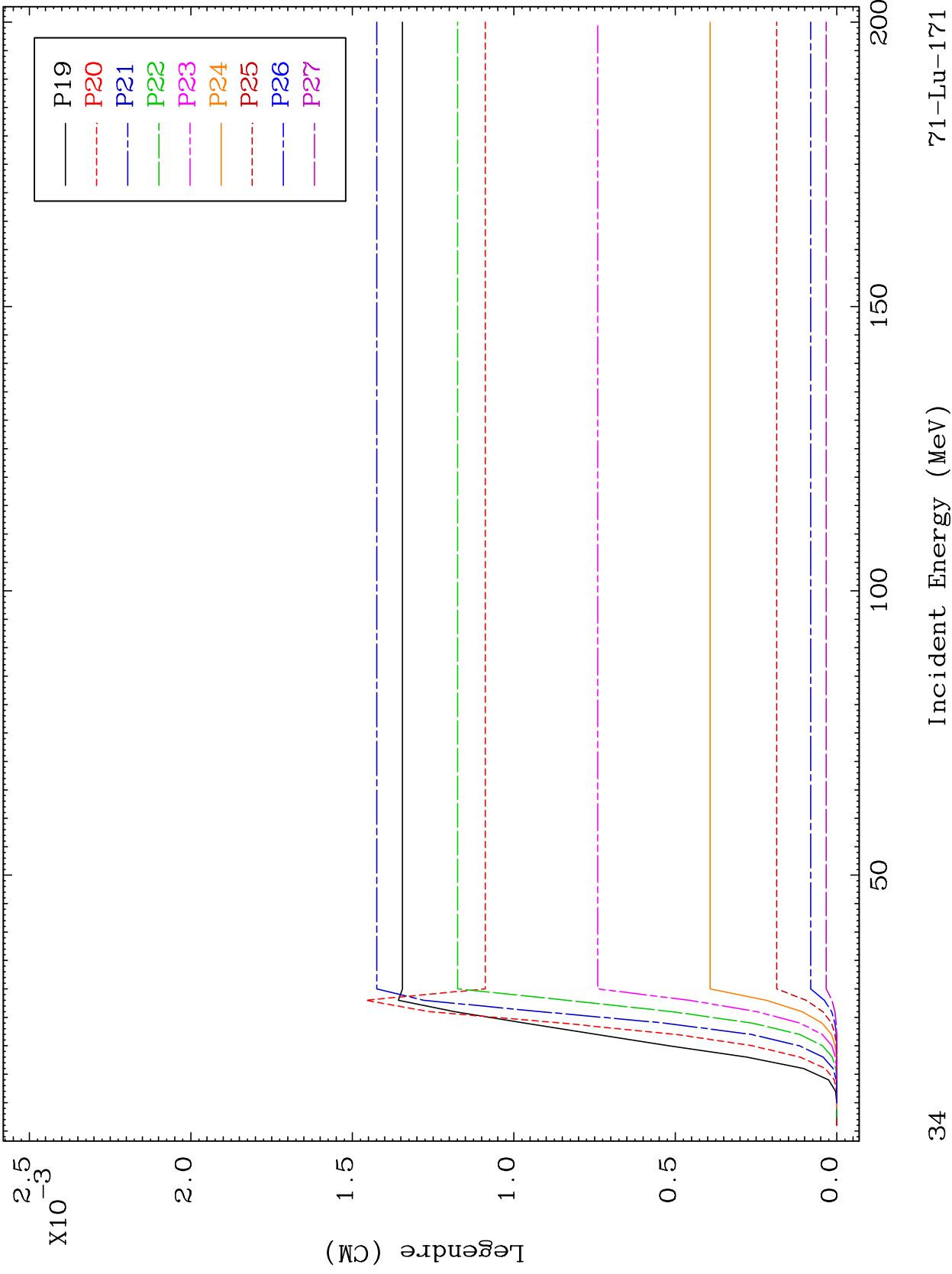
33

71-Lu-171

MAT 7113

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

71-Lu-171



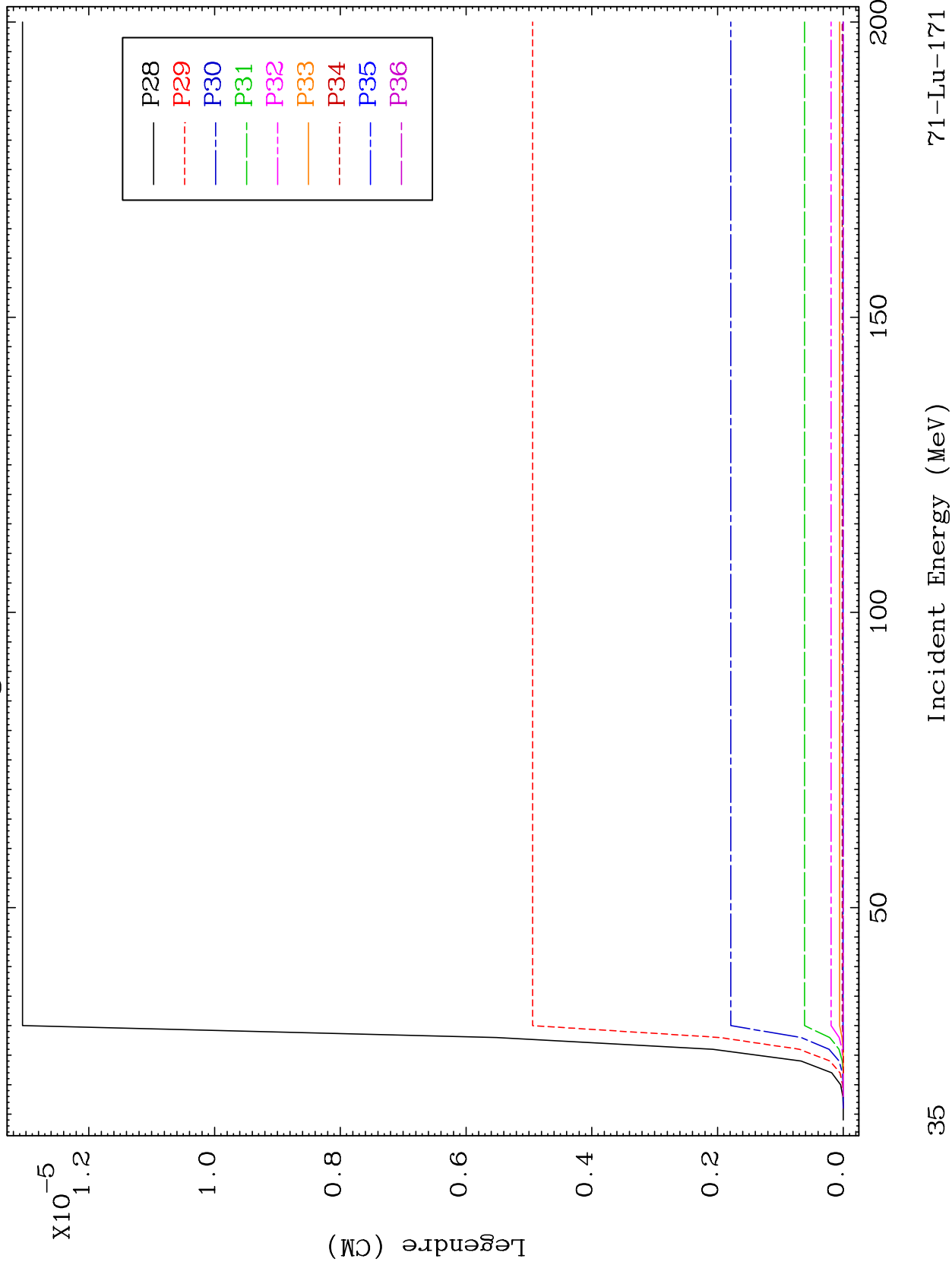
34

71-Lu-171

MAT 7113

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

71-Lu-171



35

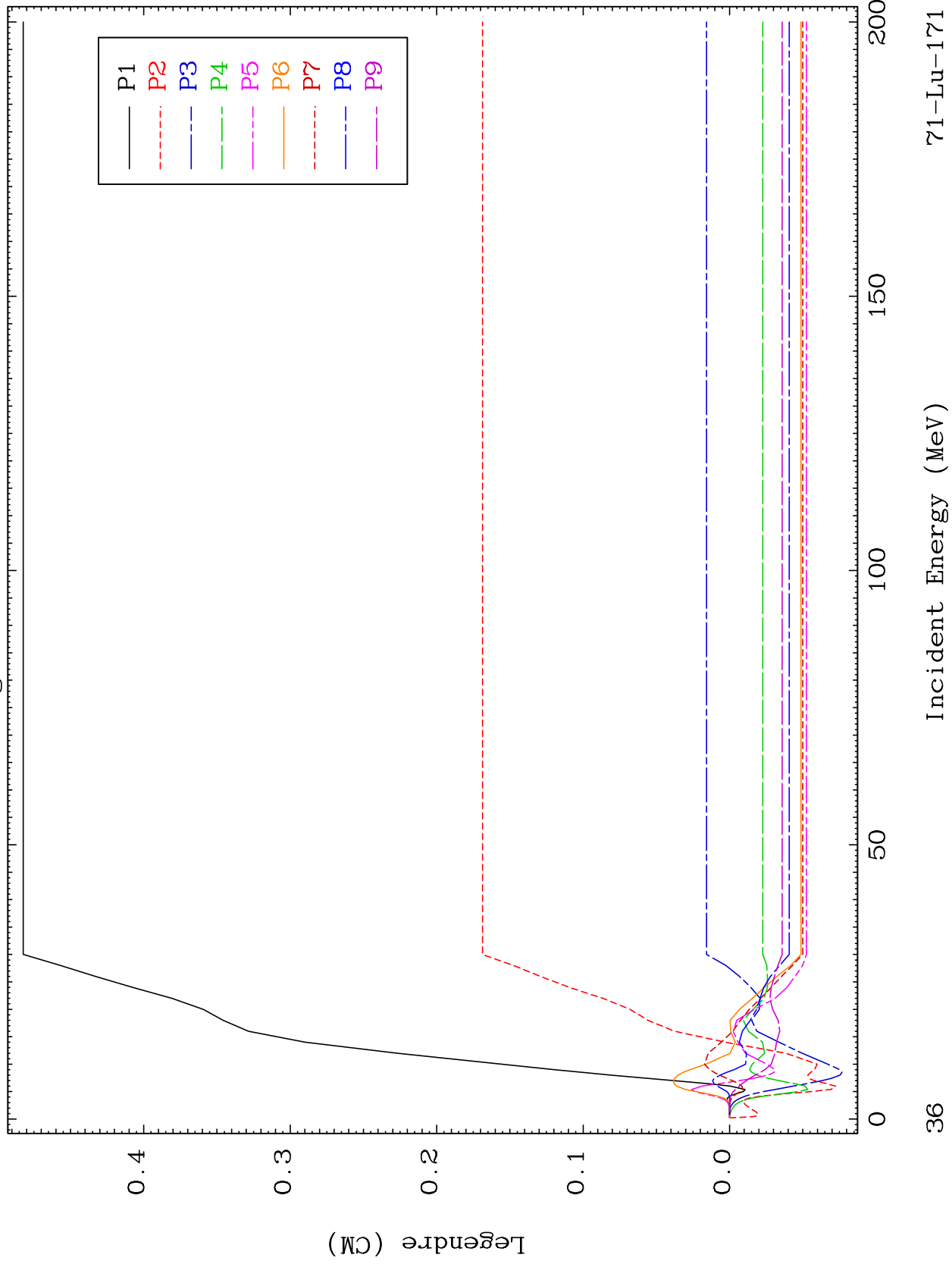
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



36

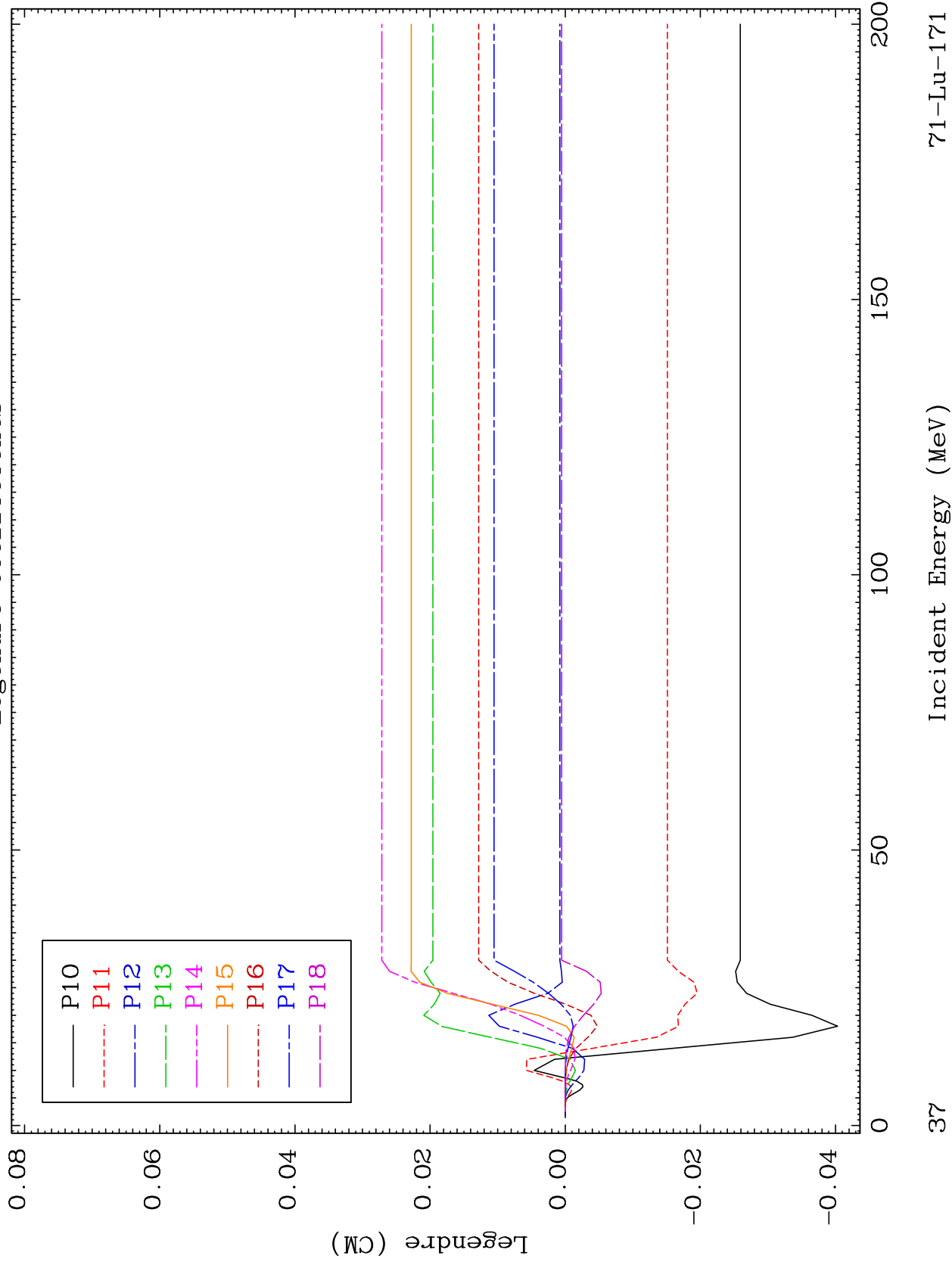
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



37

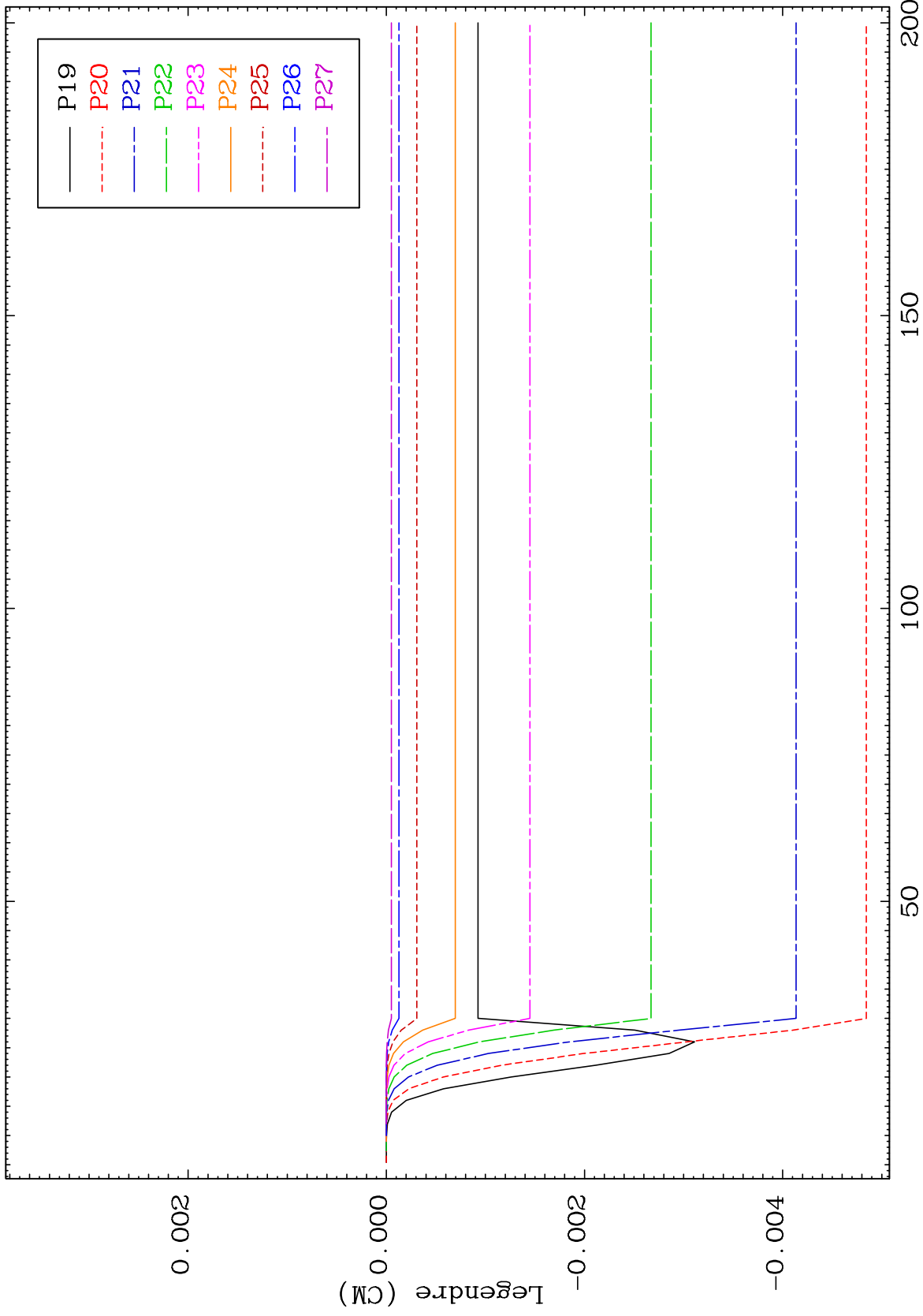
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

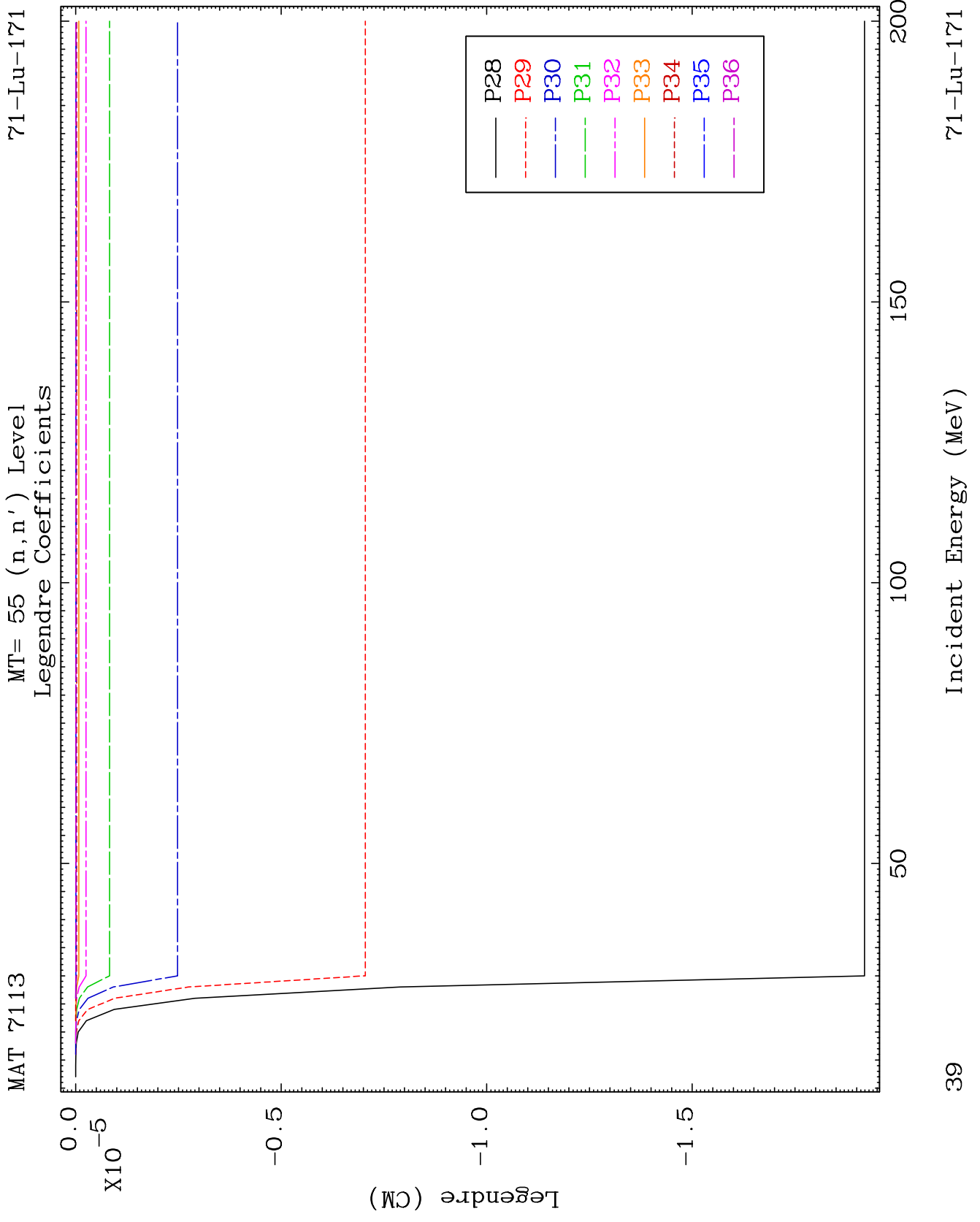
71-Lu-171



38

Incident Energy (MeV)

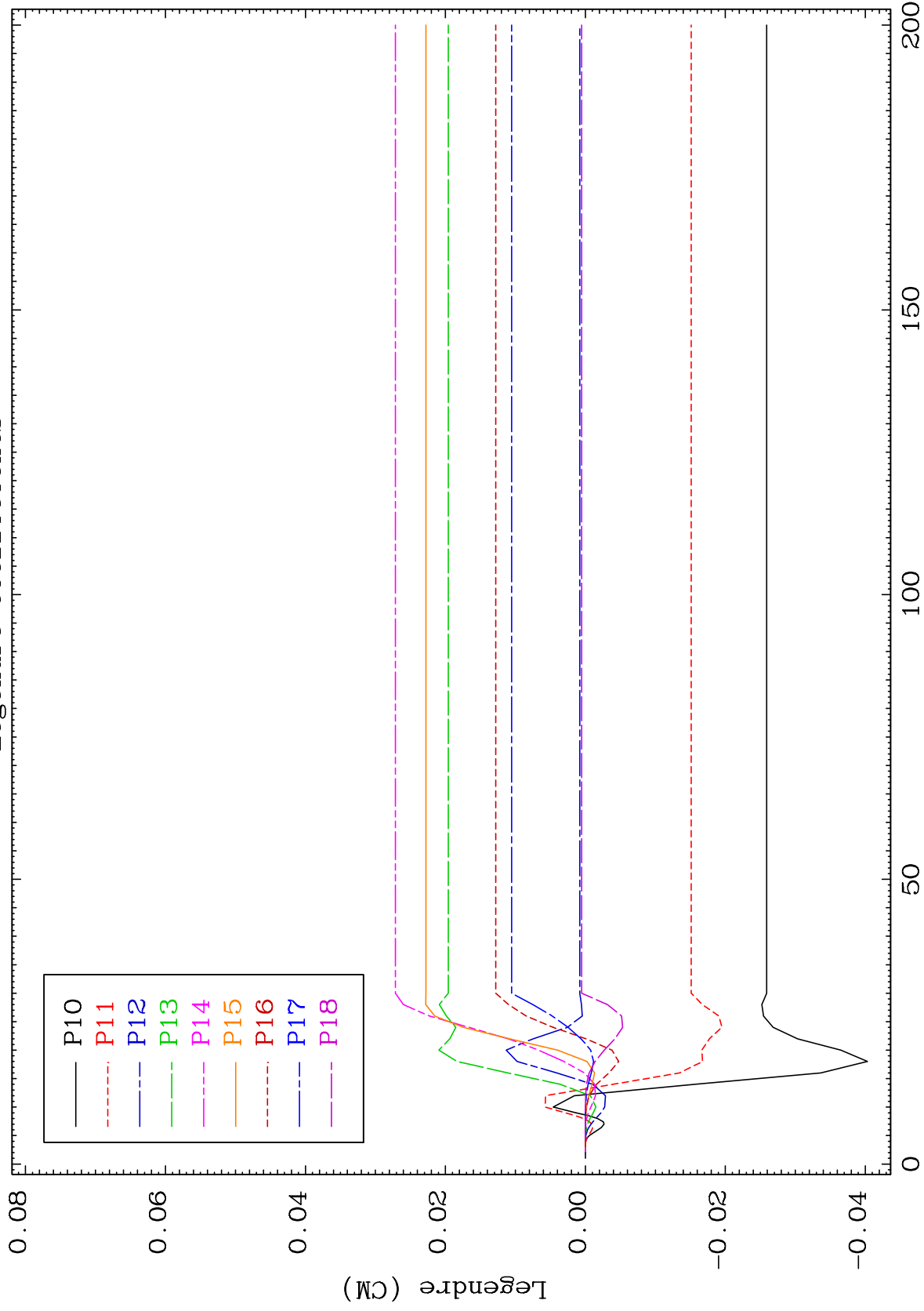
71-Lu-171



MAT 7113

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

71-Lu-171



41

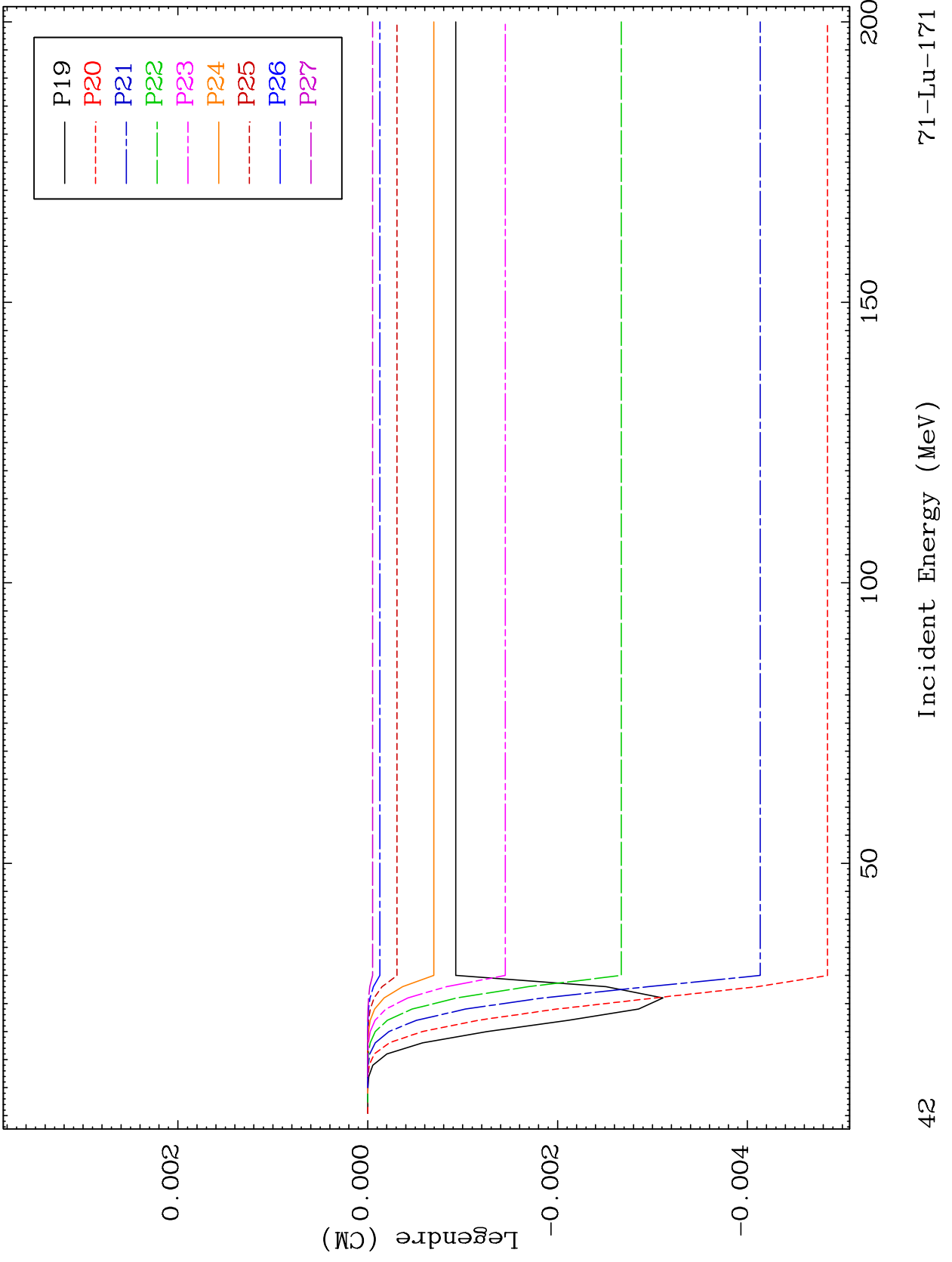
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

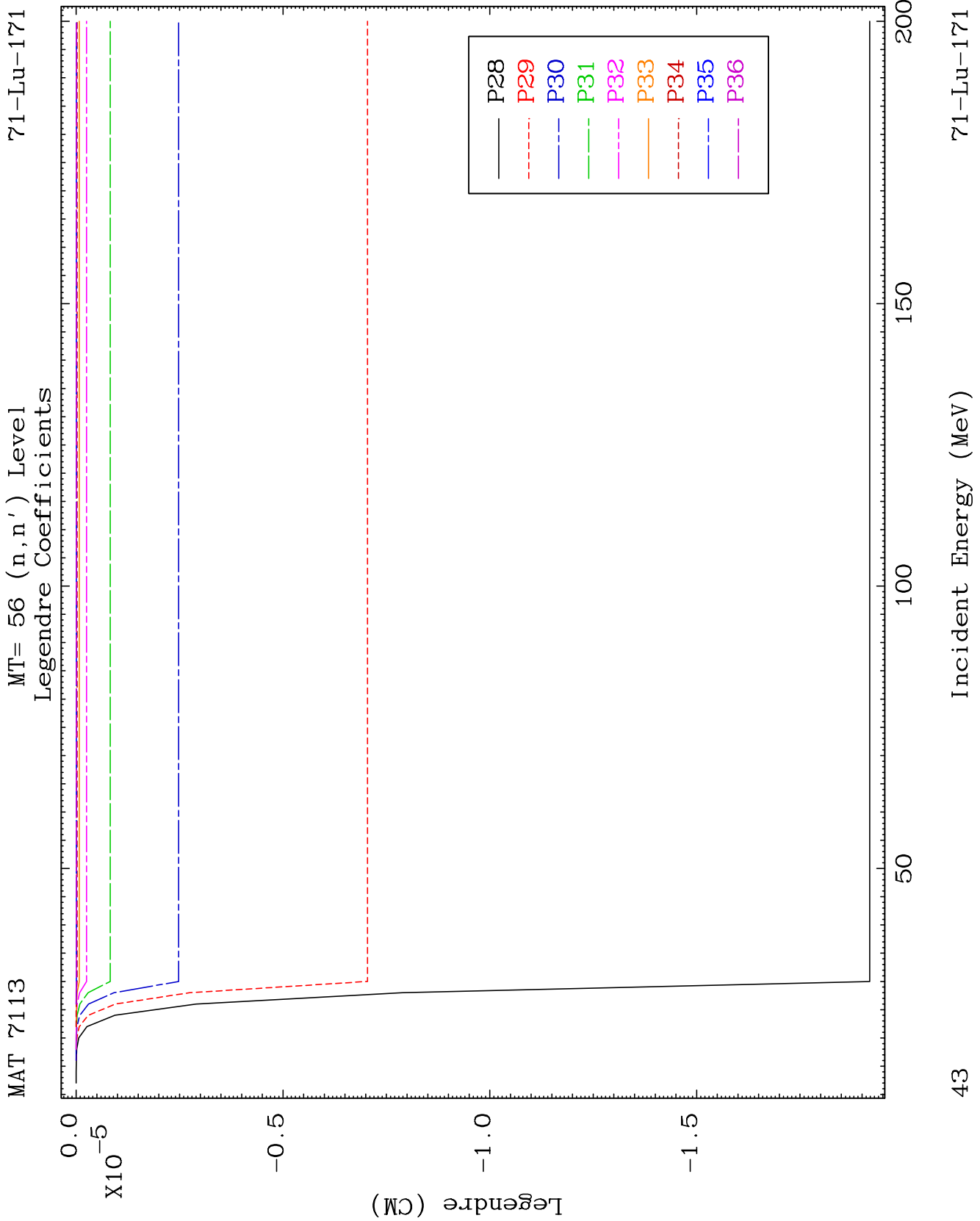
71-Lu-171

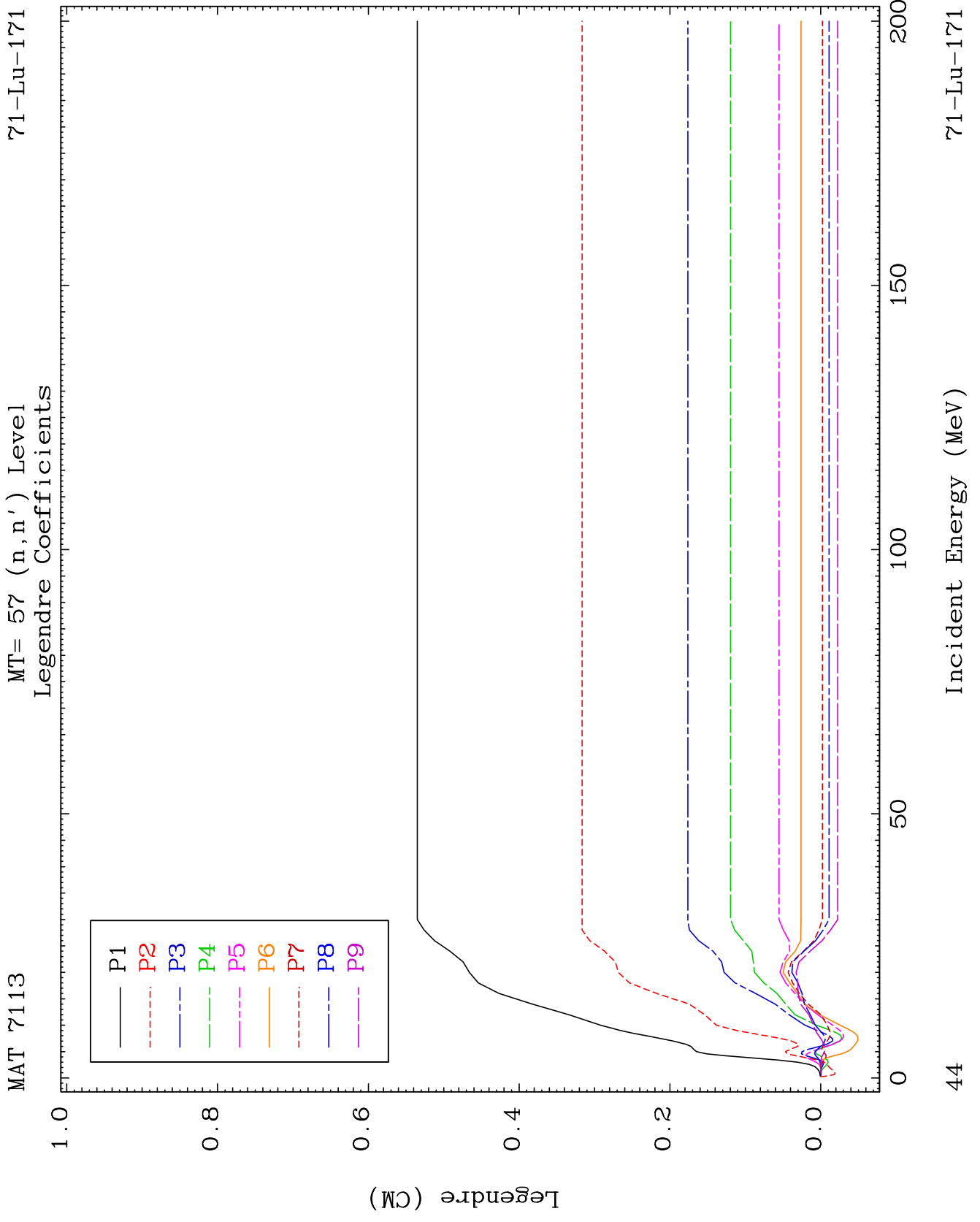


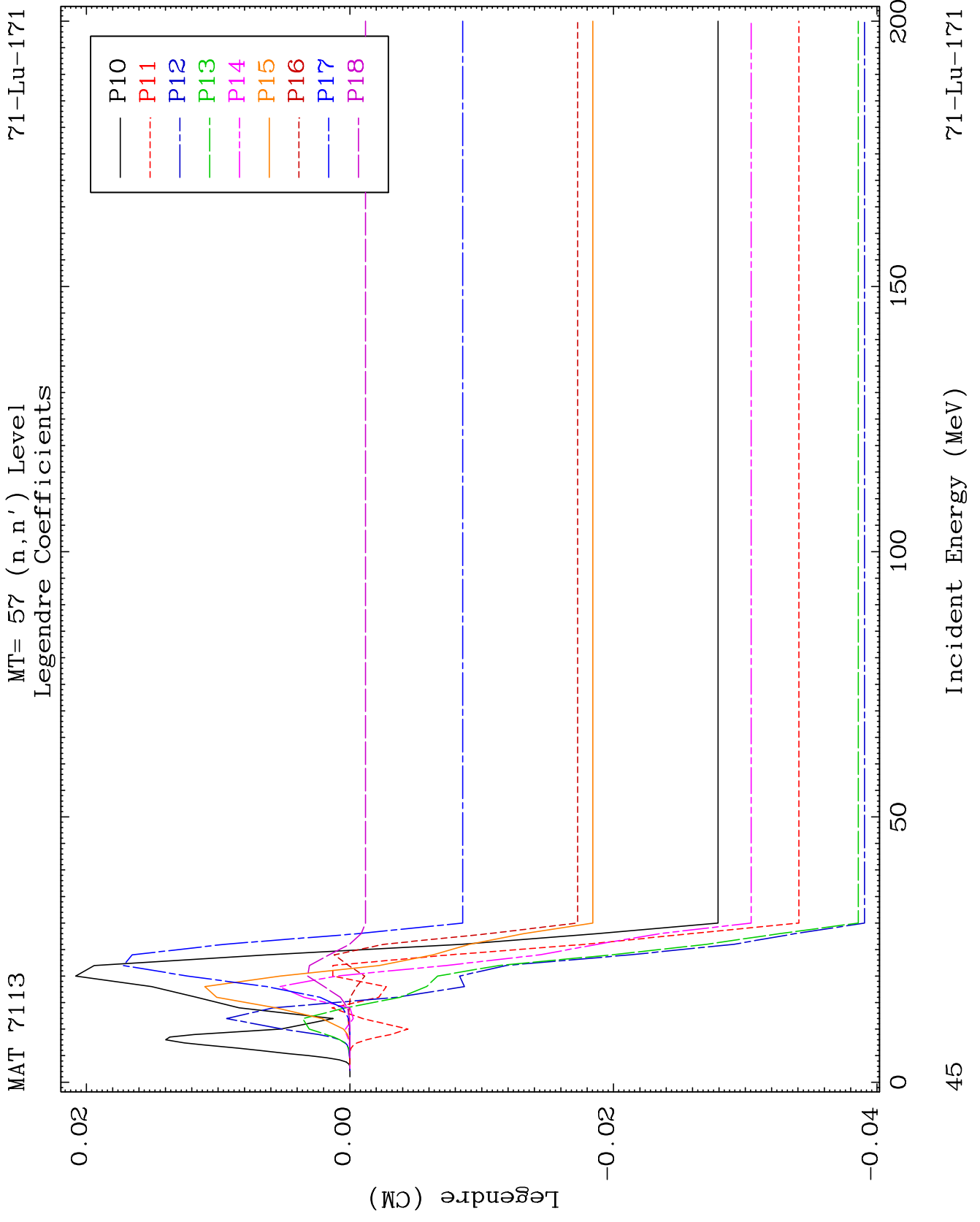
42

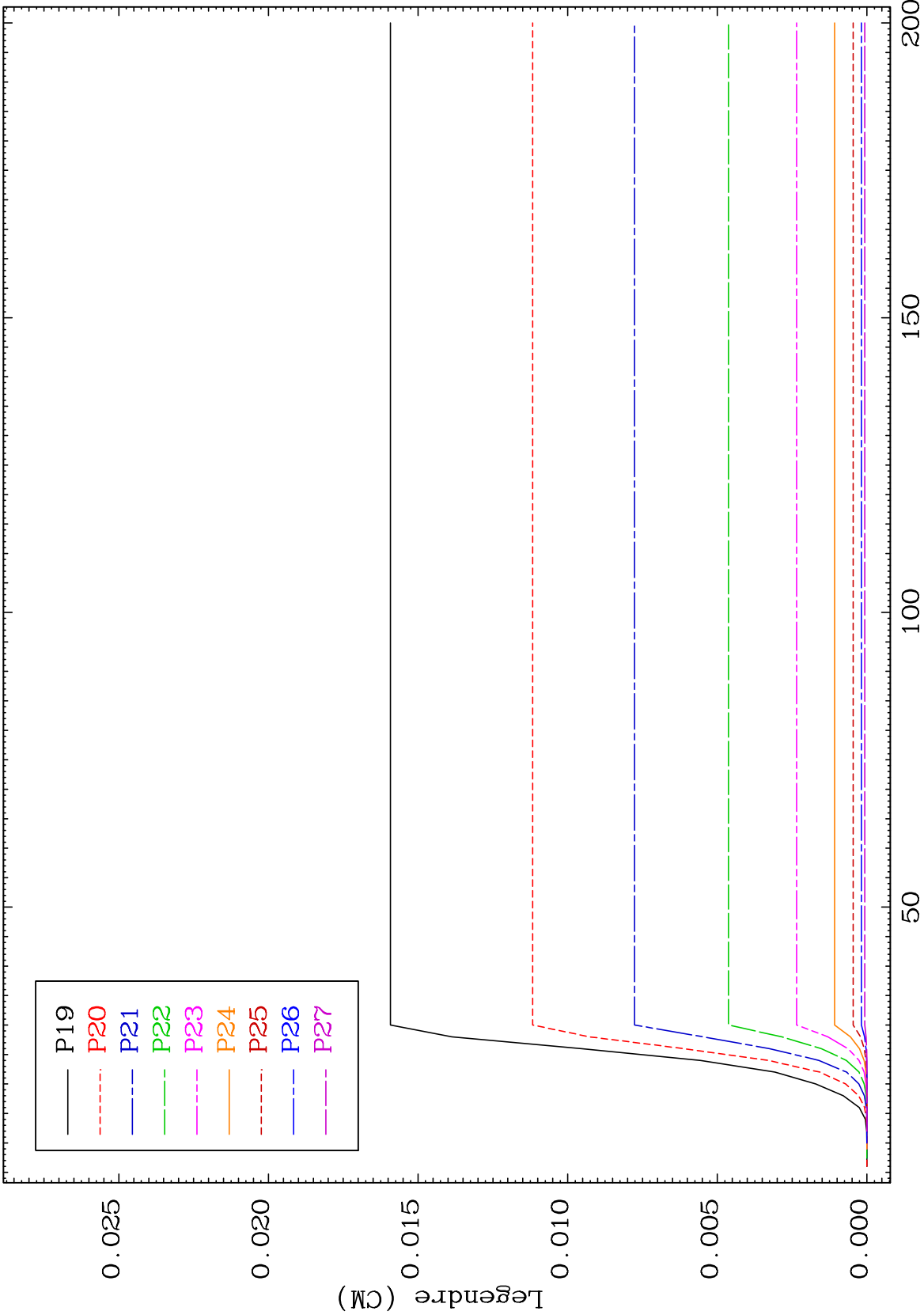
Incident Energy (MeV)

71-Lu-171





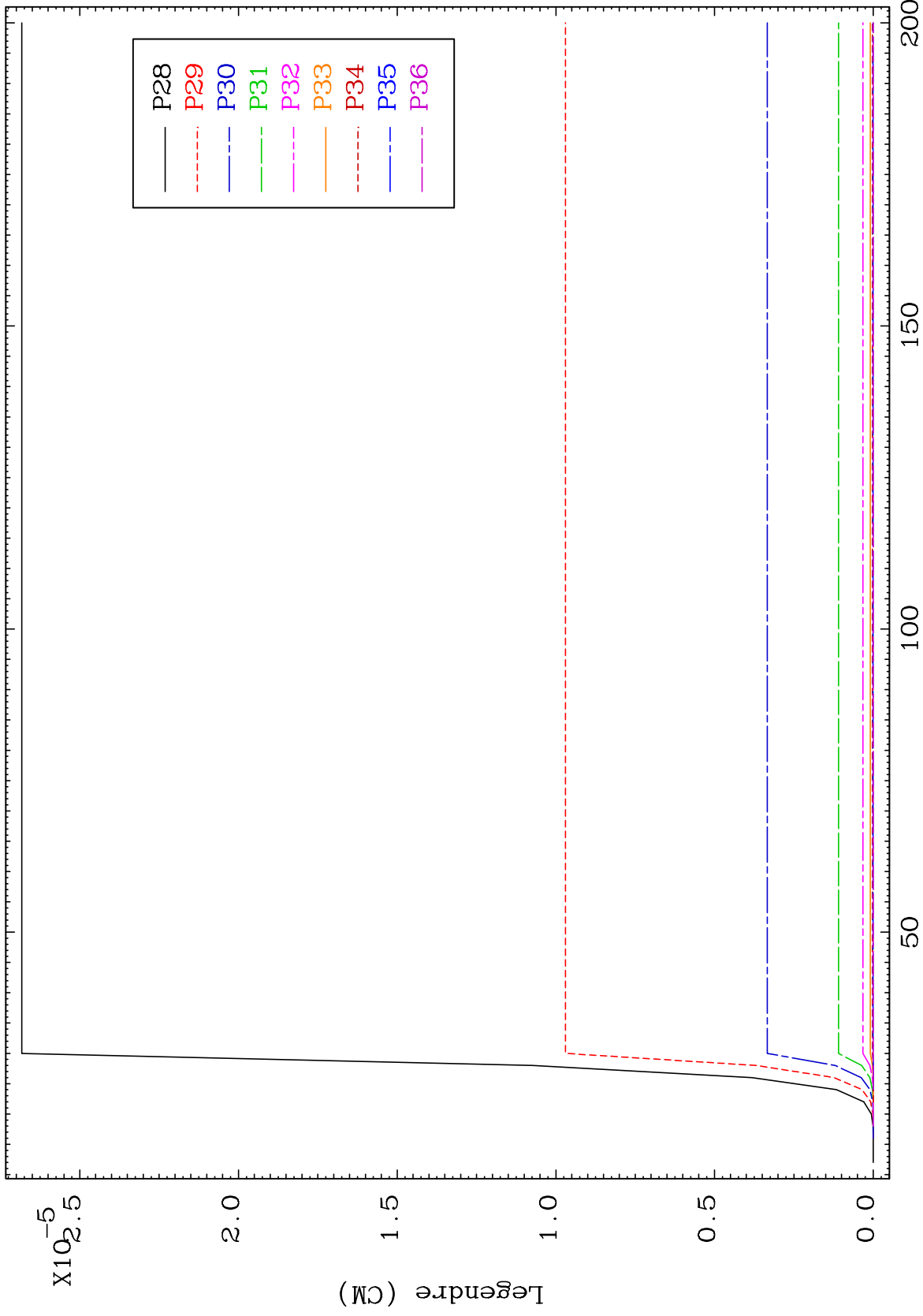




MAT 7113

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

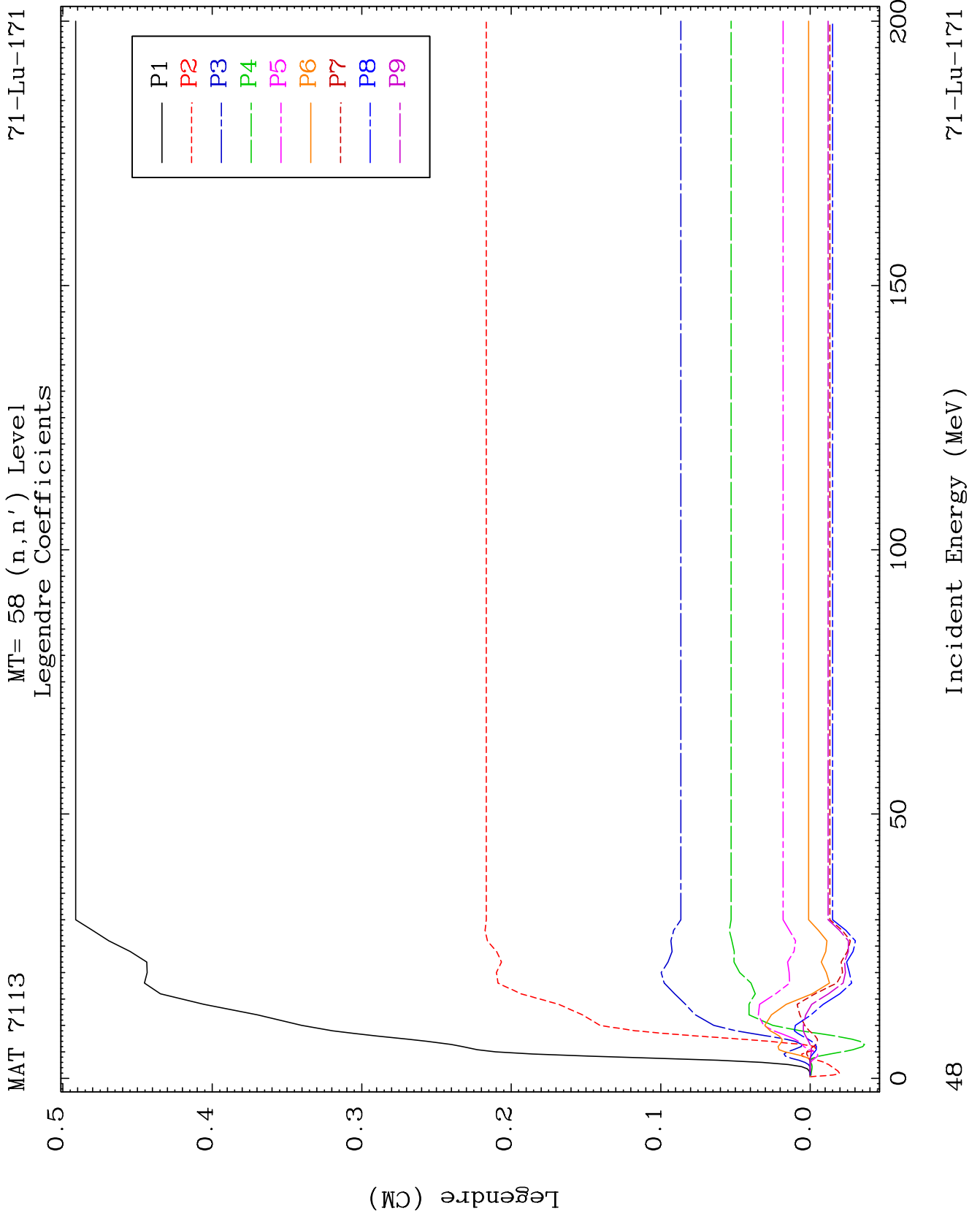
71-Lu-171



47

Incident Energy (MeV)

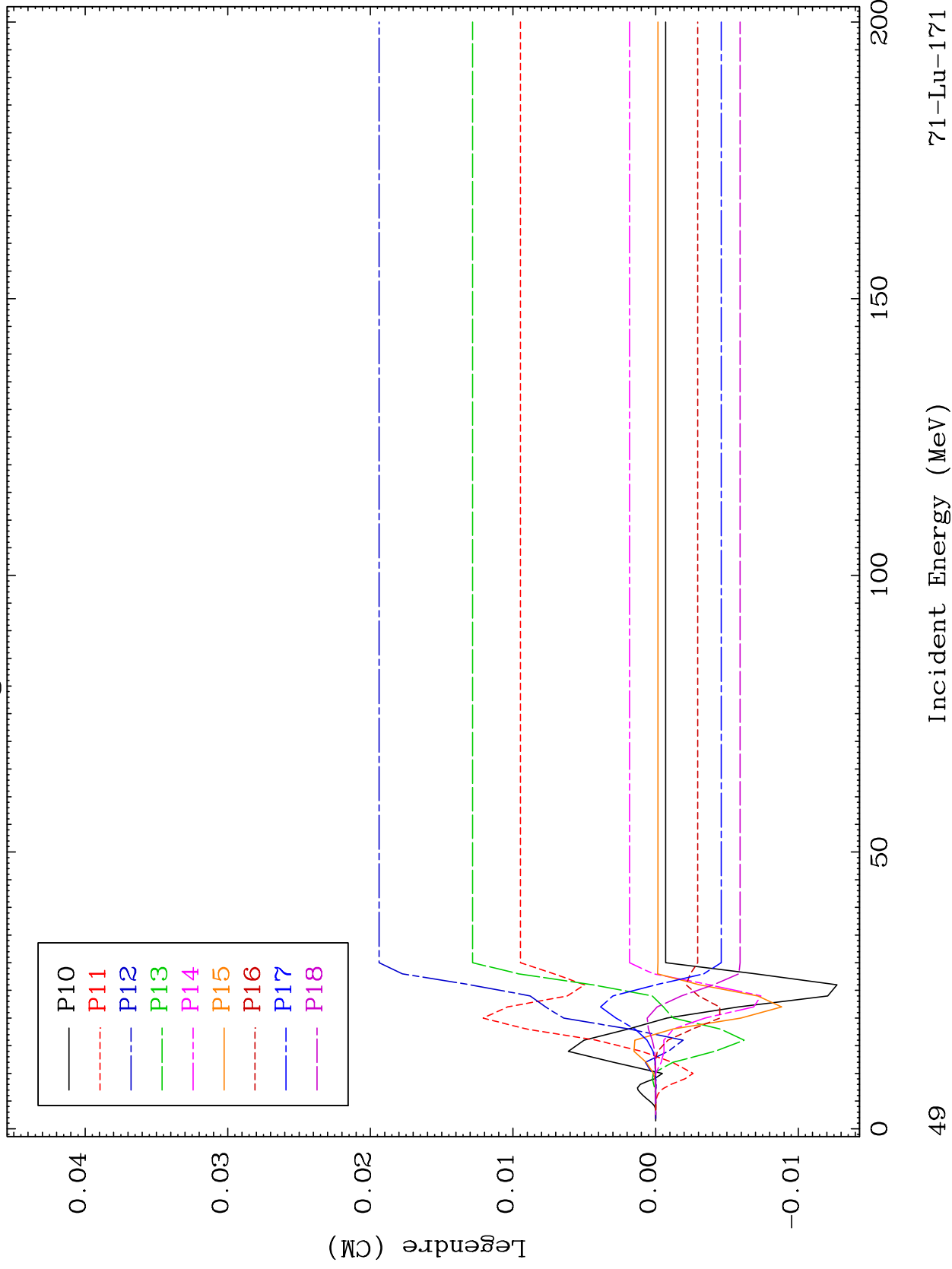
71-Lu-171



MAT 7113

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

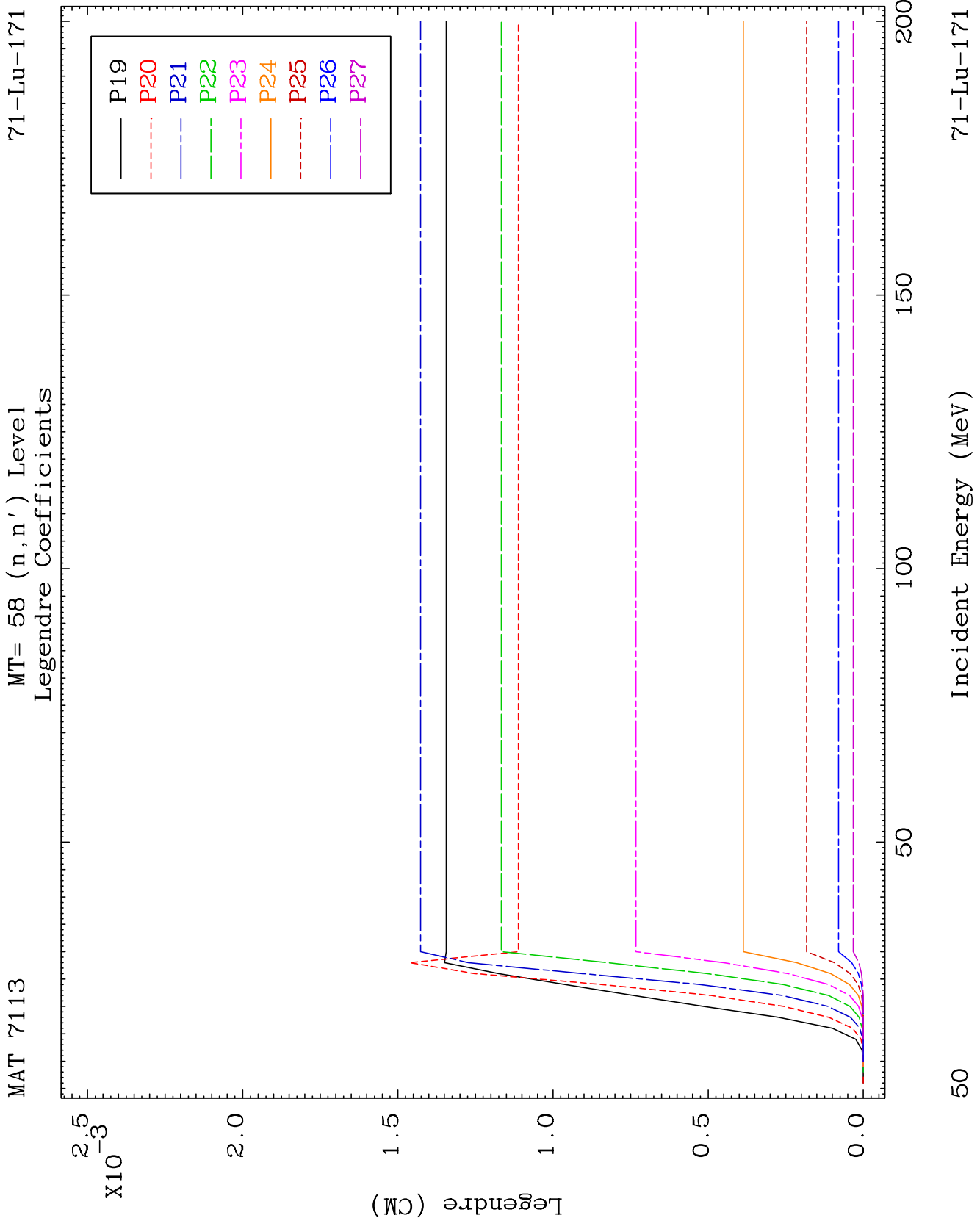
71-Lu-171



49

Incident Energy (MeV)

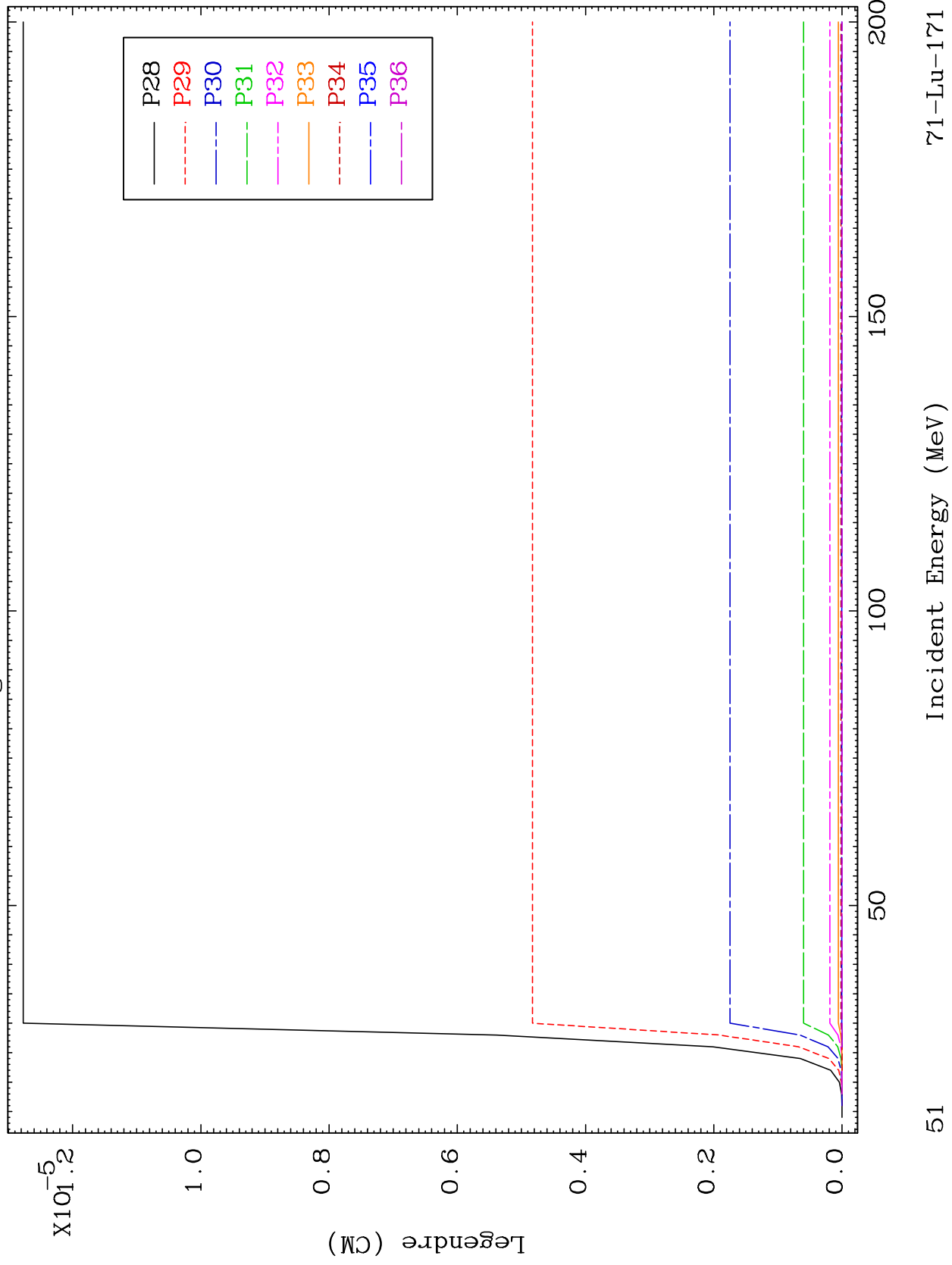
71-Lu-171



MAT 7113

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

71-Lu-171



51

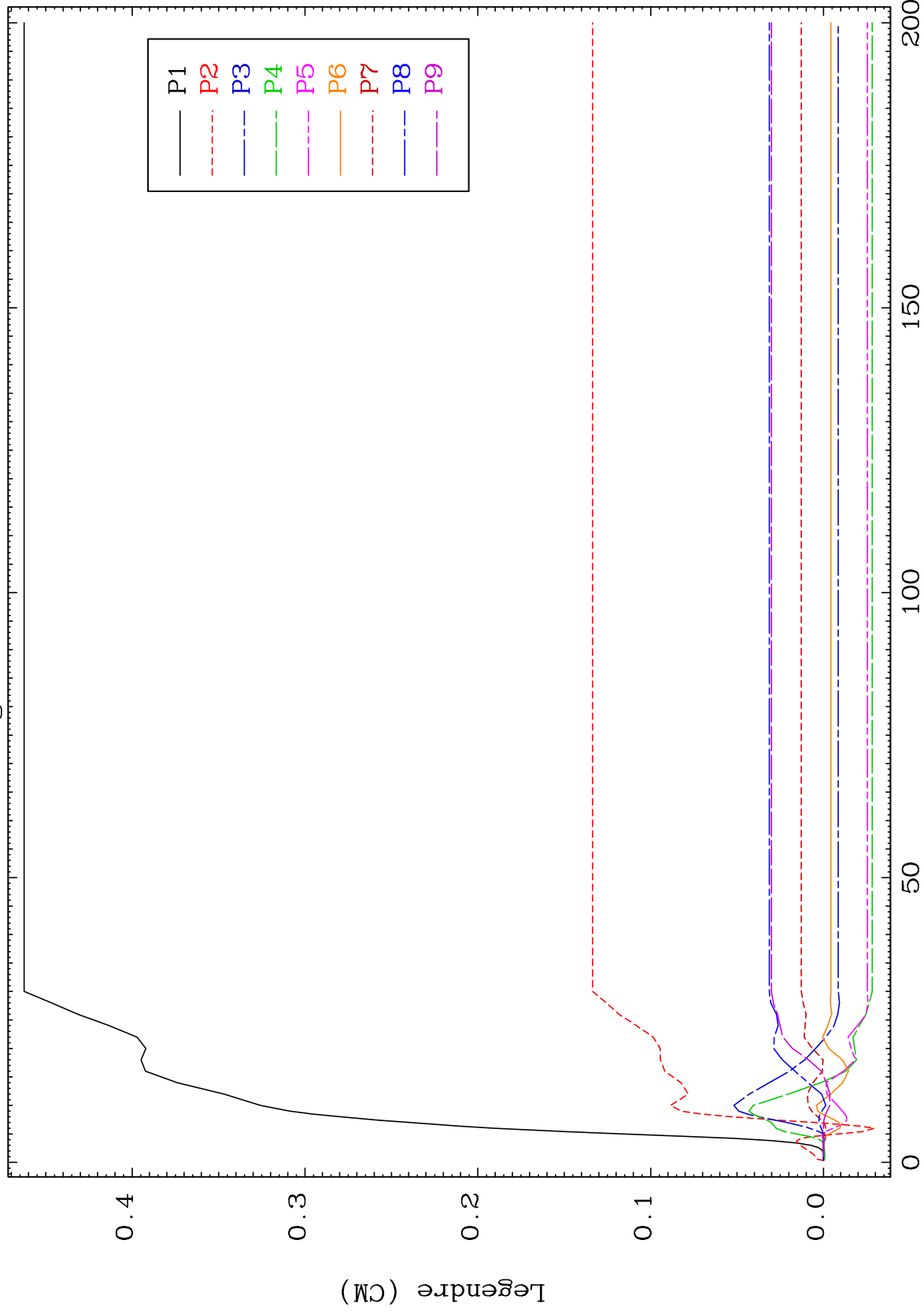
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



52

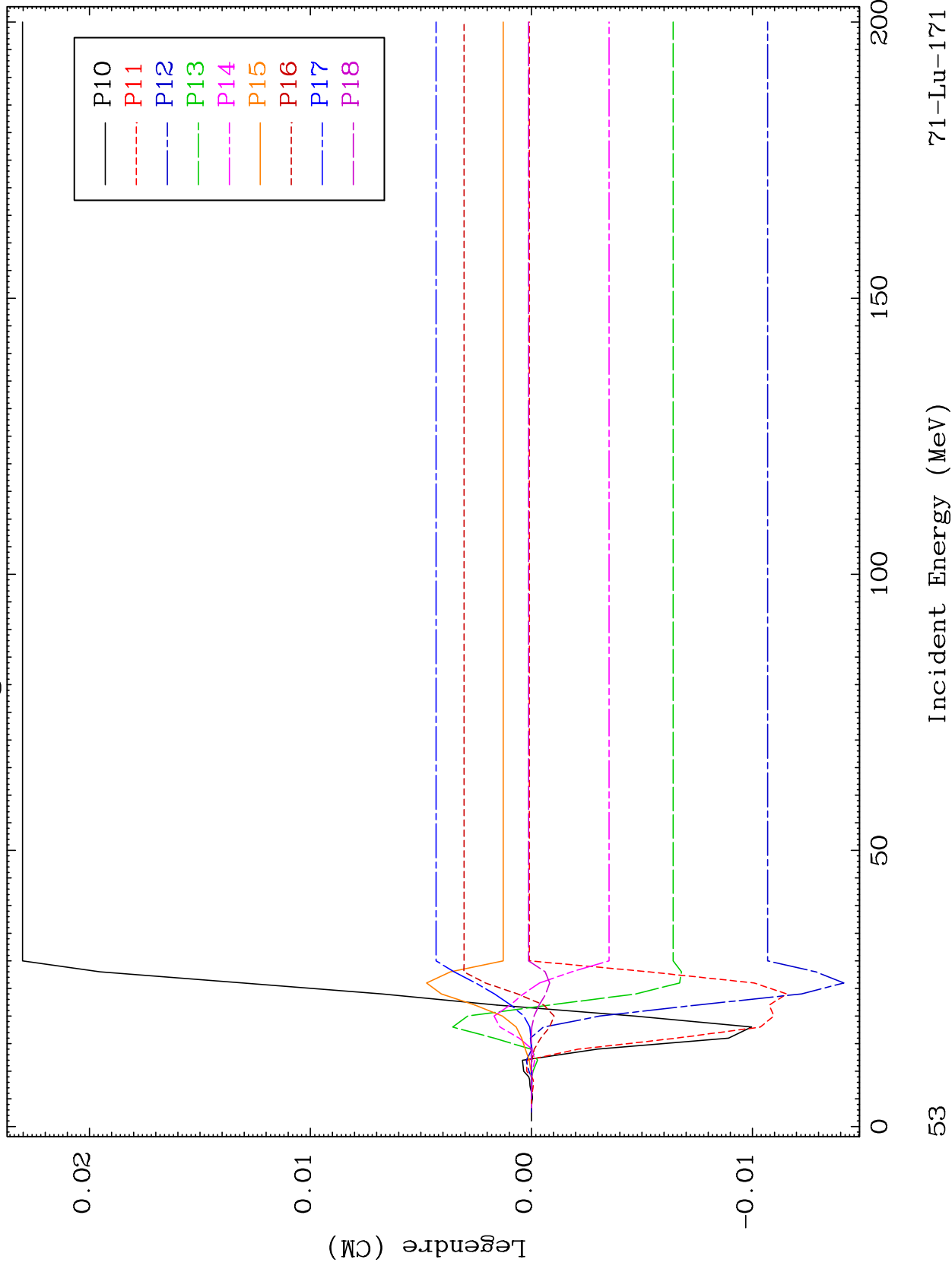
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



53

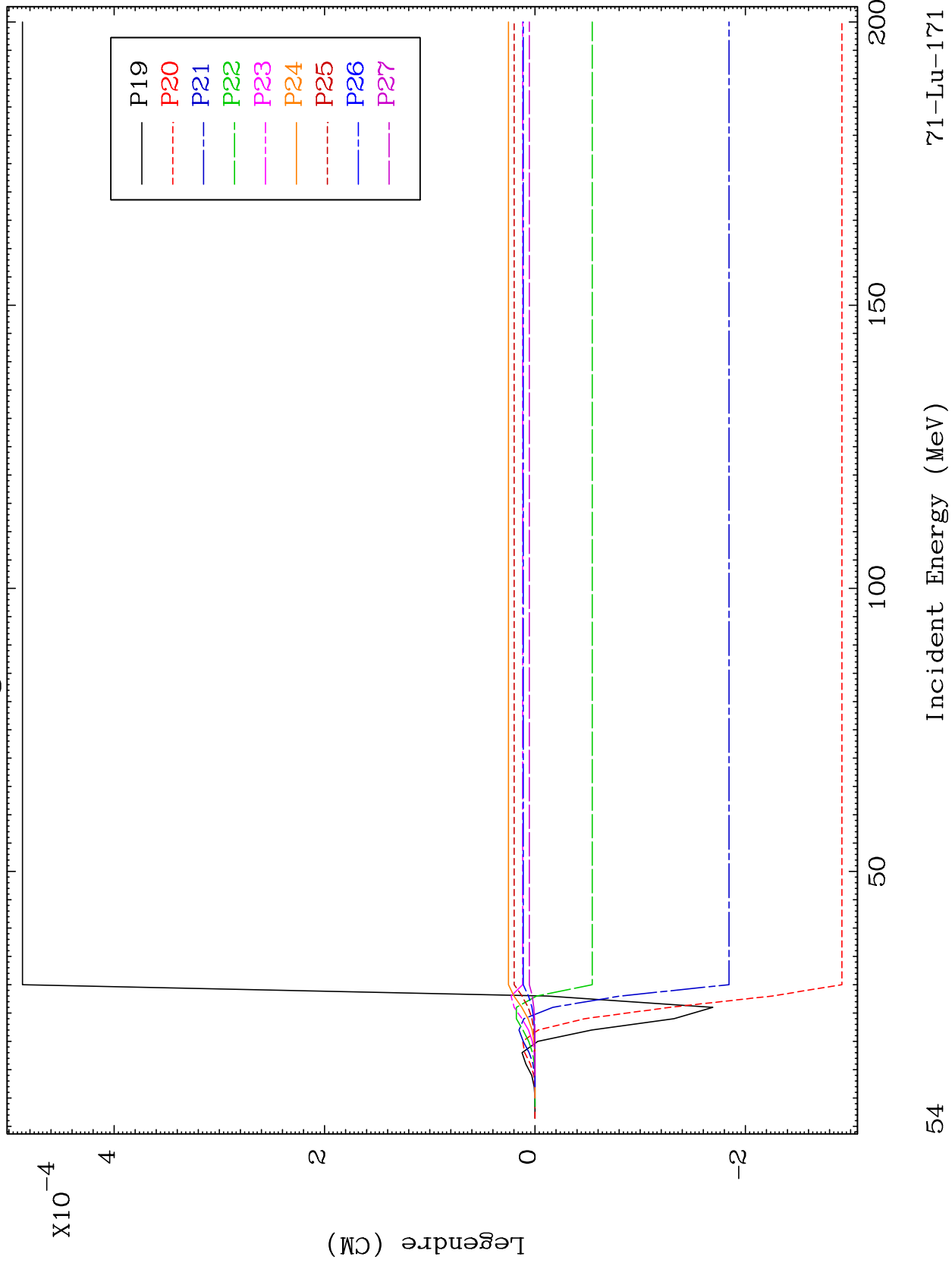
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



54

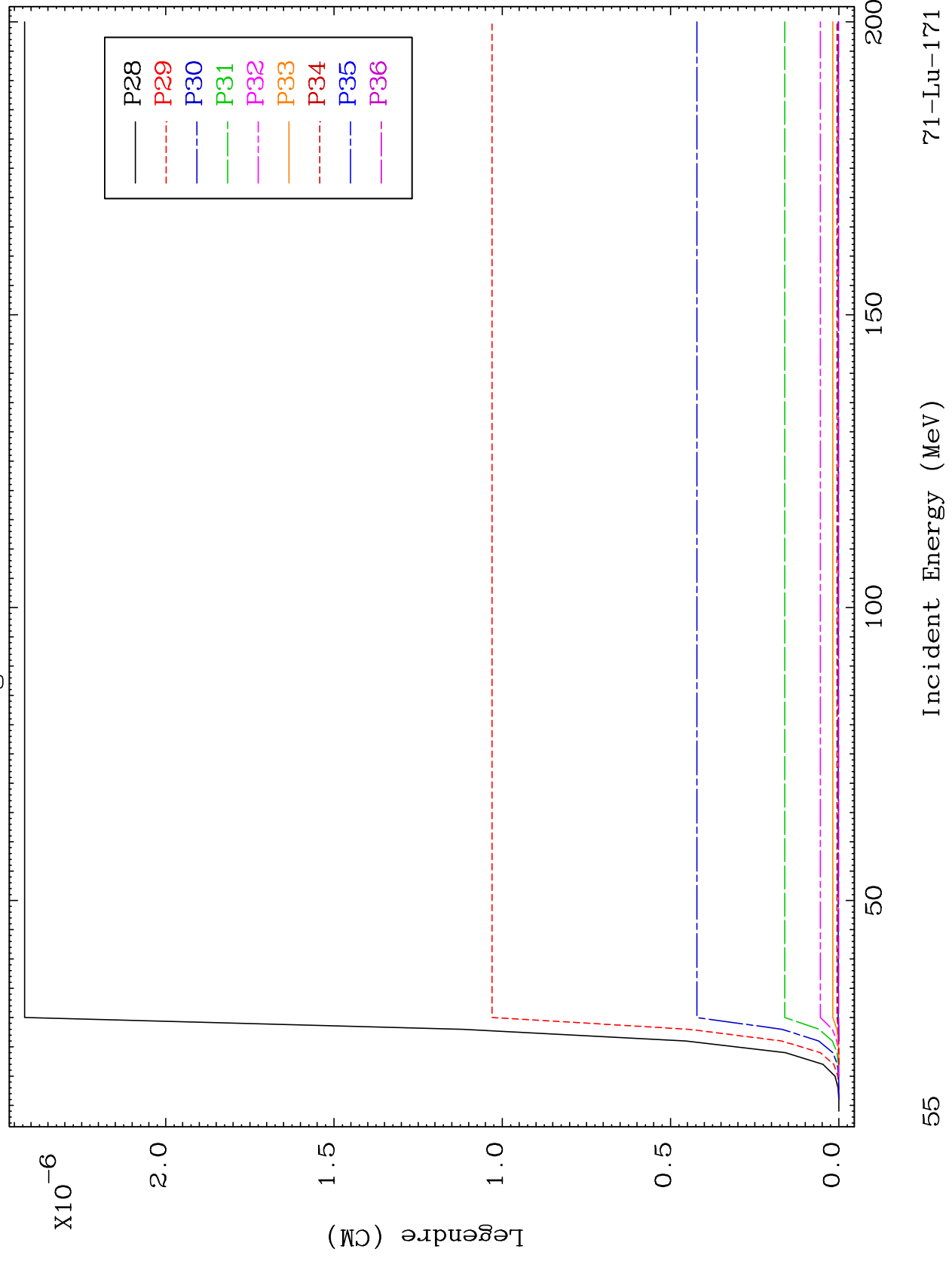
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

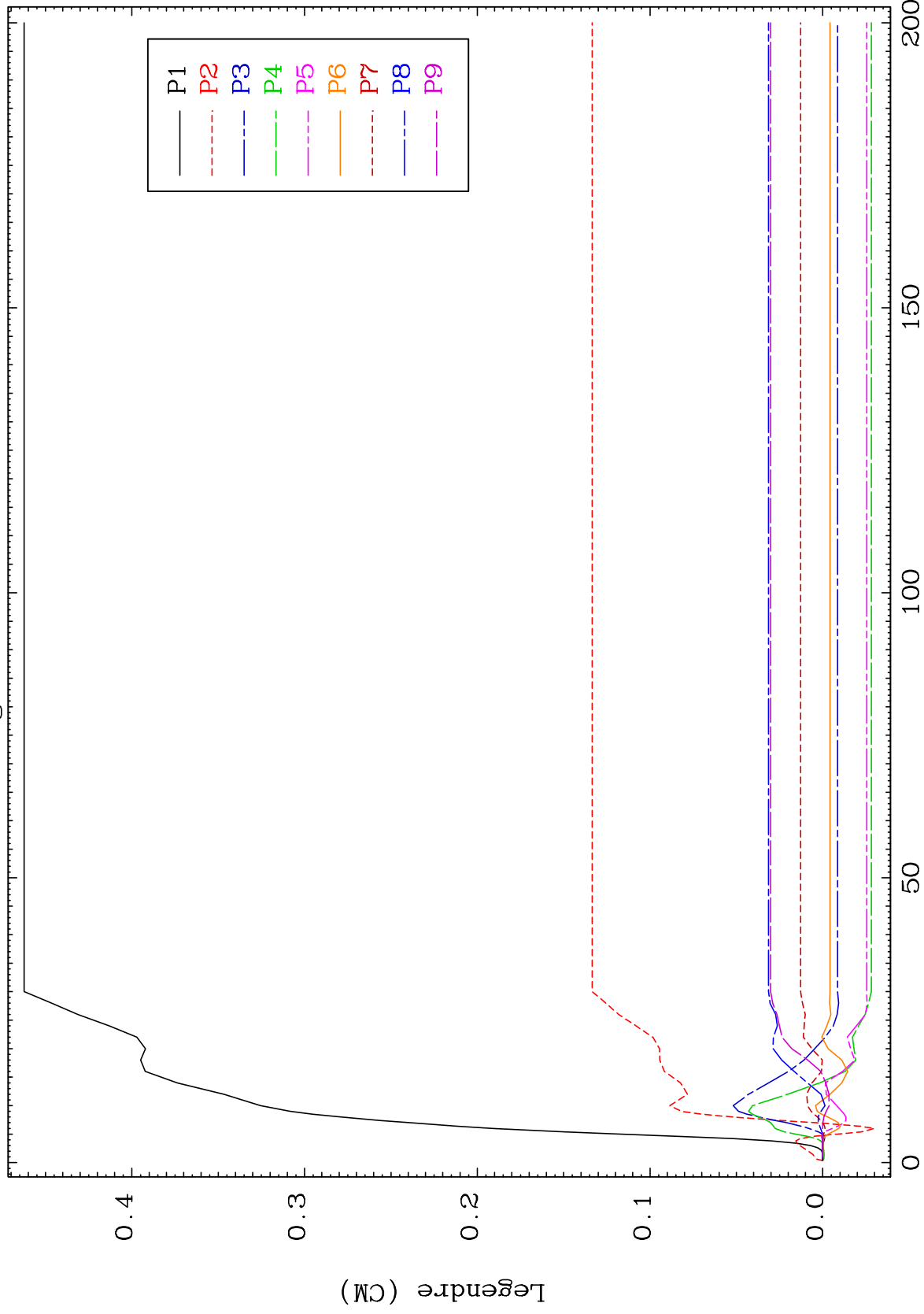
71-Lu-171



MAT 7113

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

71-Lu-171



56

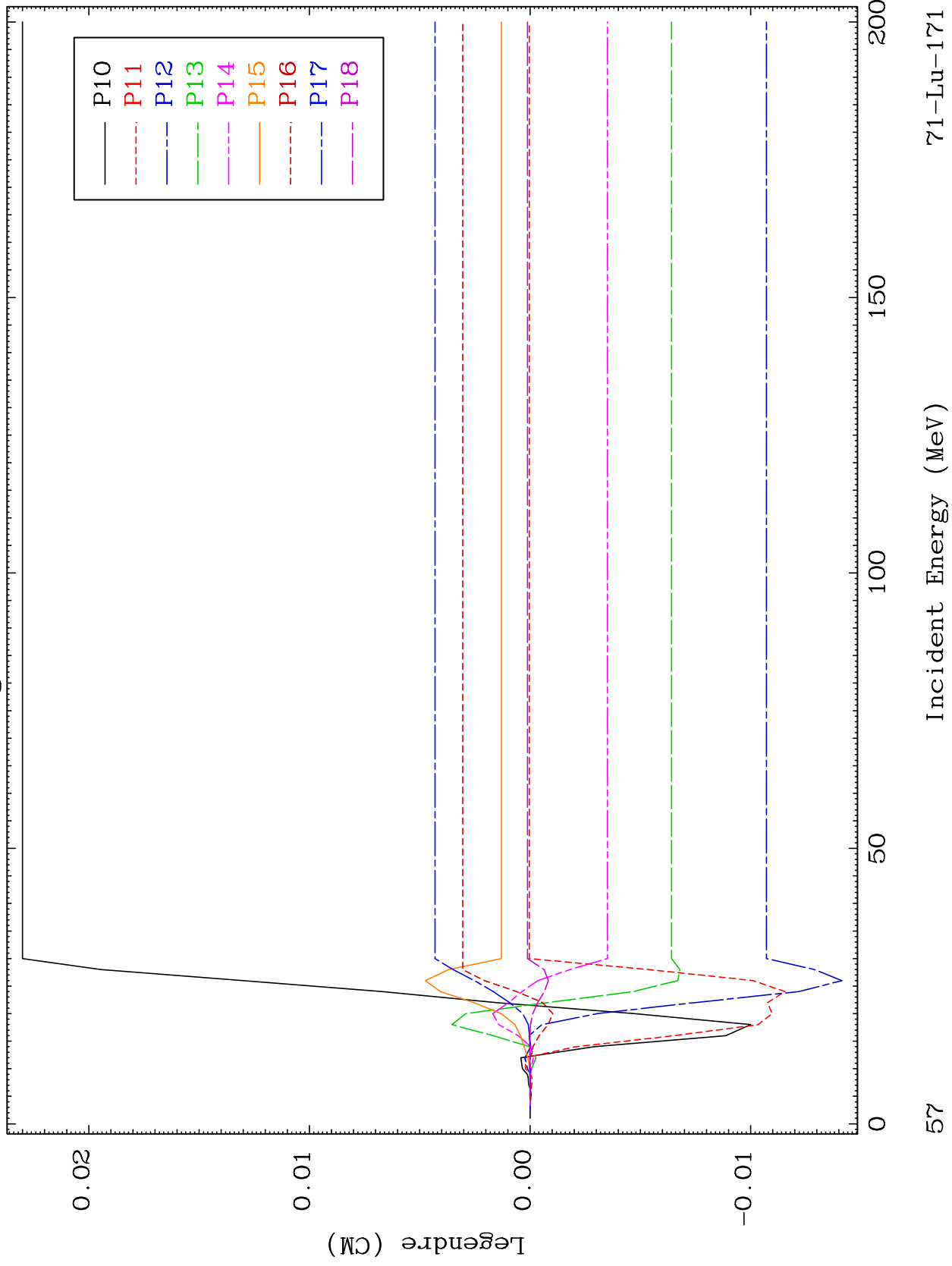
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

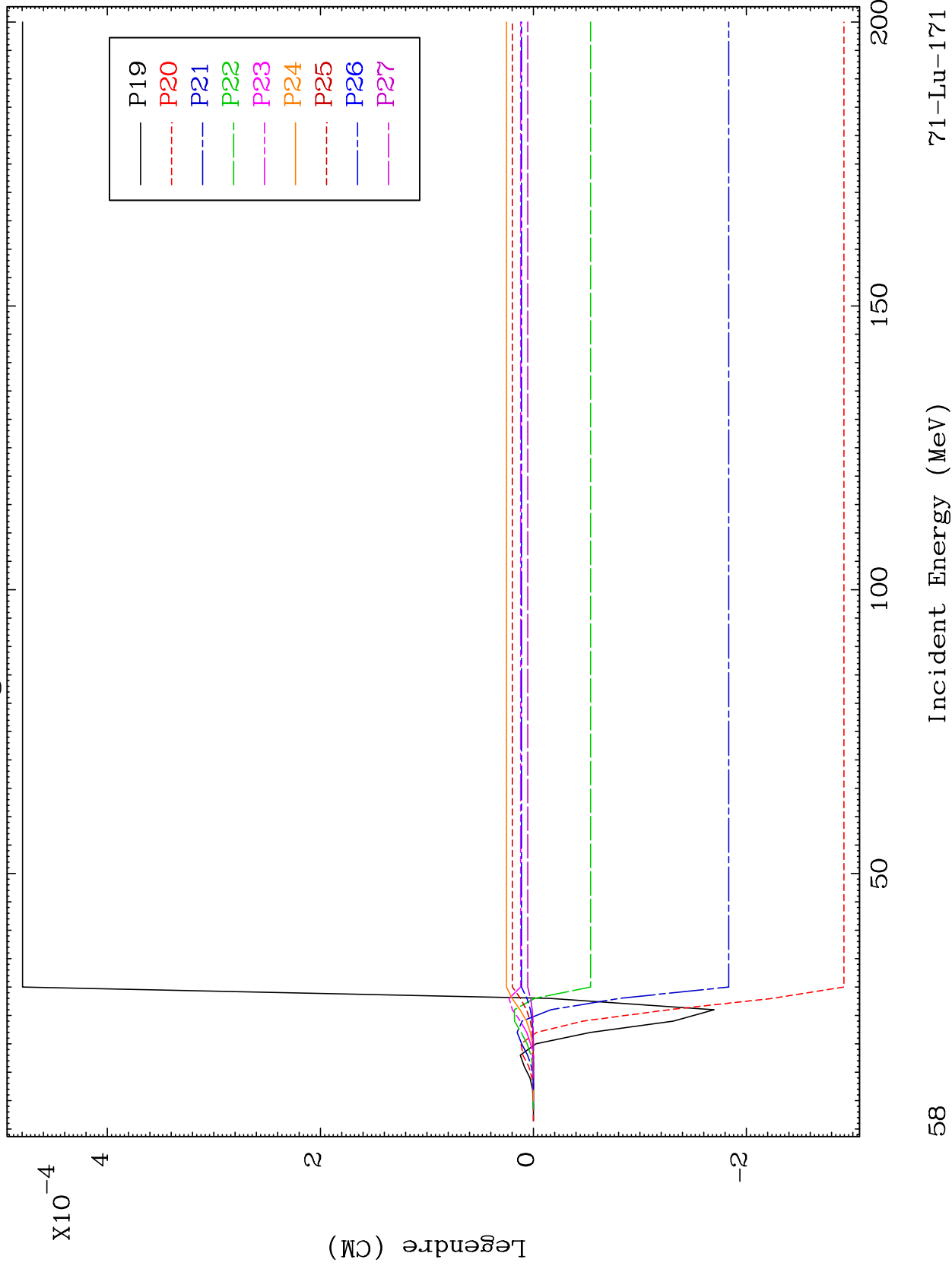
Incident Energy (MeV)

57

MAT 7113

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

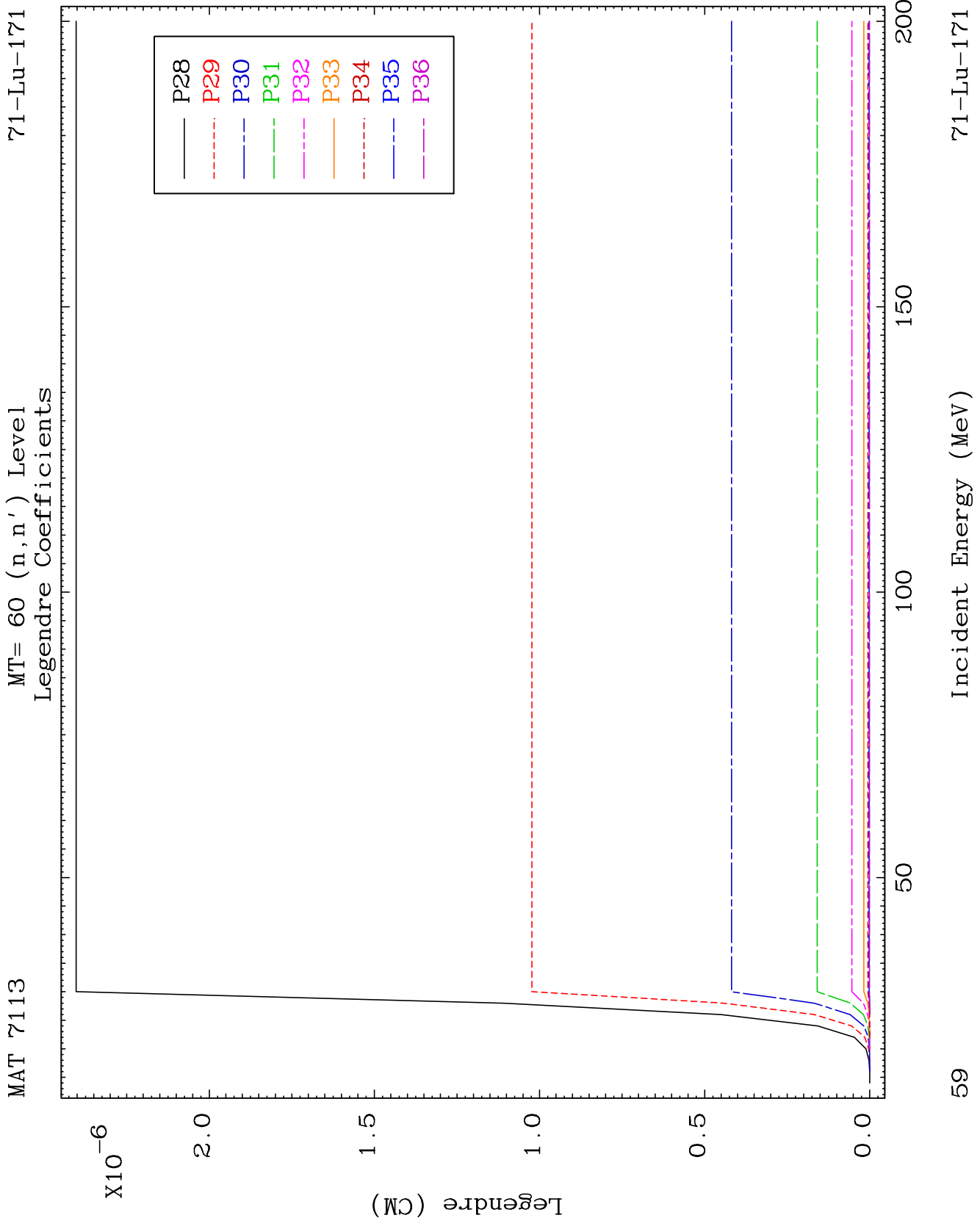
71-Lu-171

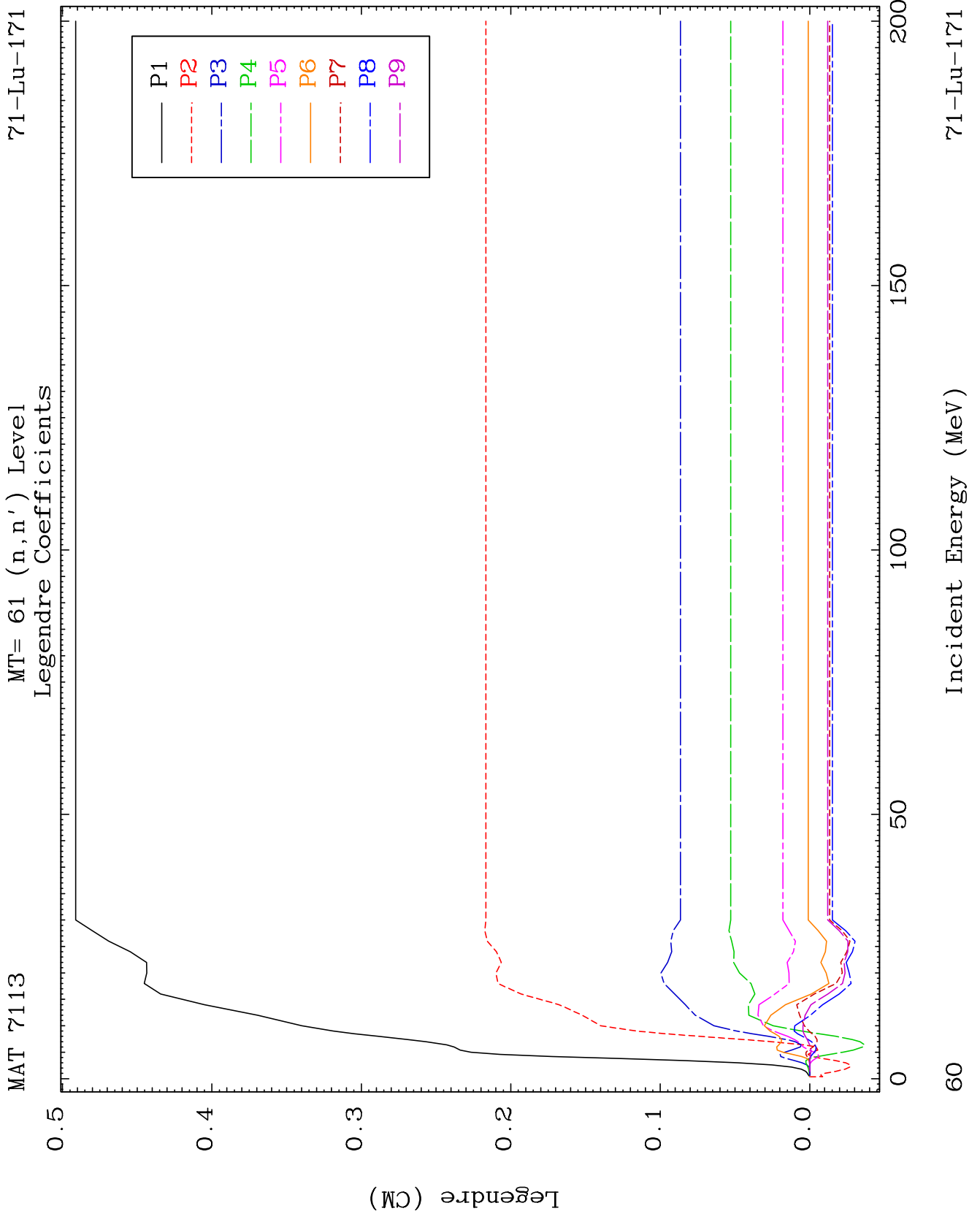


58

Incident Energy (MeV)

71-Lu-171

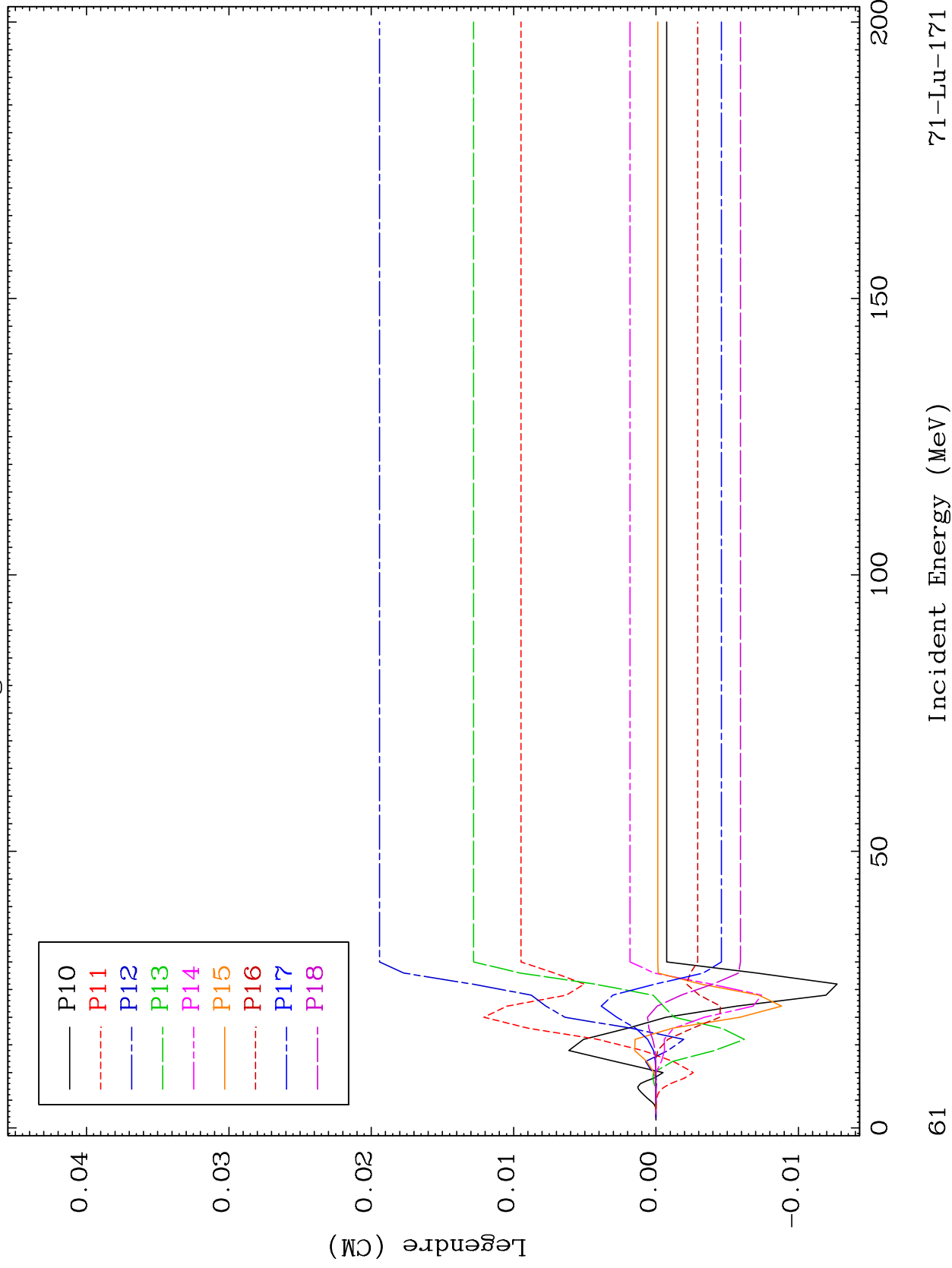




MAT 7113

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

71-Lu-171



71-Lu-171

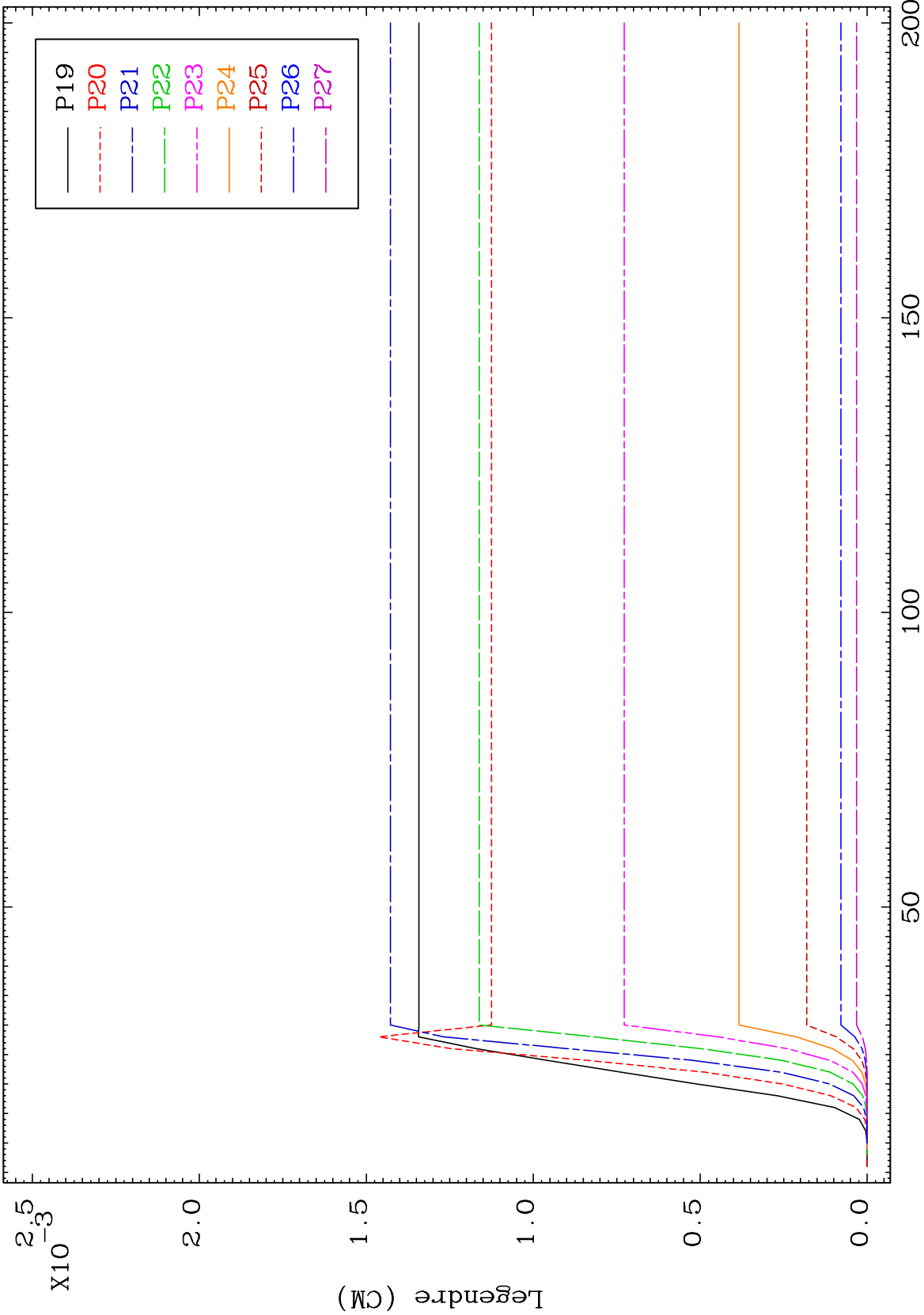
Incident Energy (MeV)

61

MAT 7113

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

71-Lu-171



62

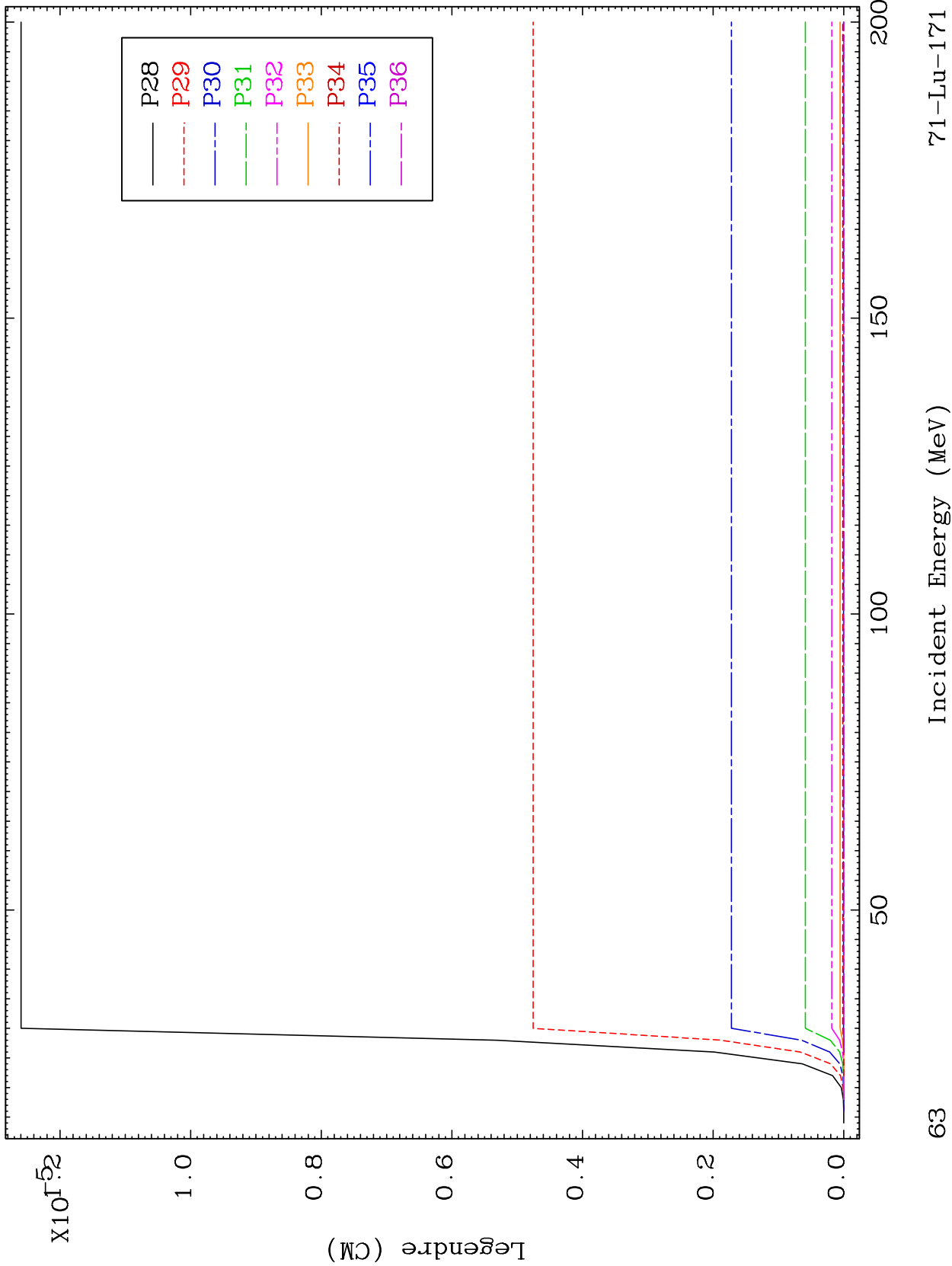
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



63

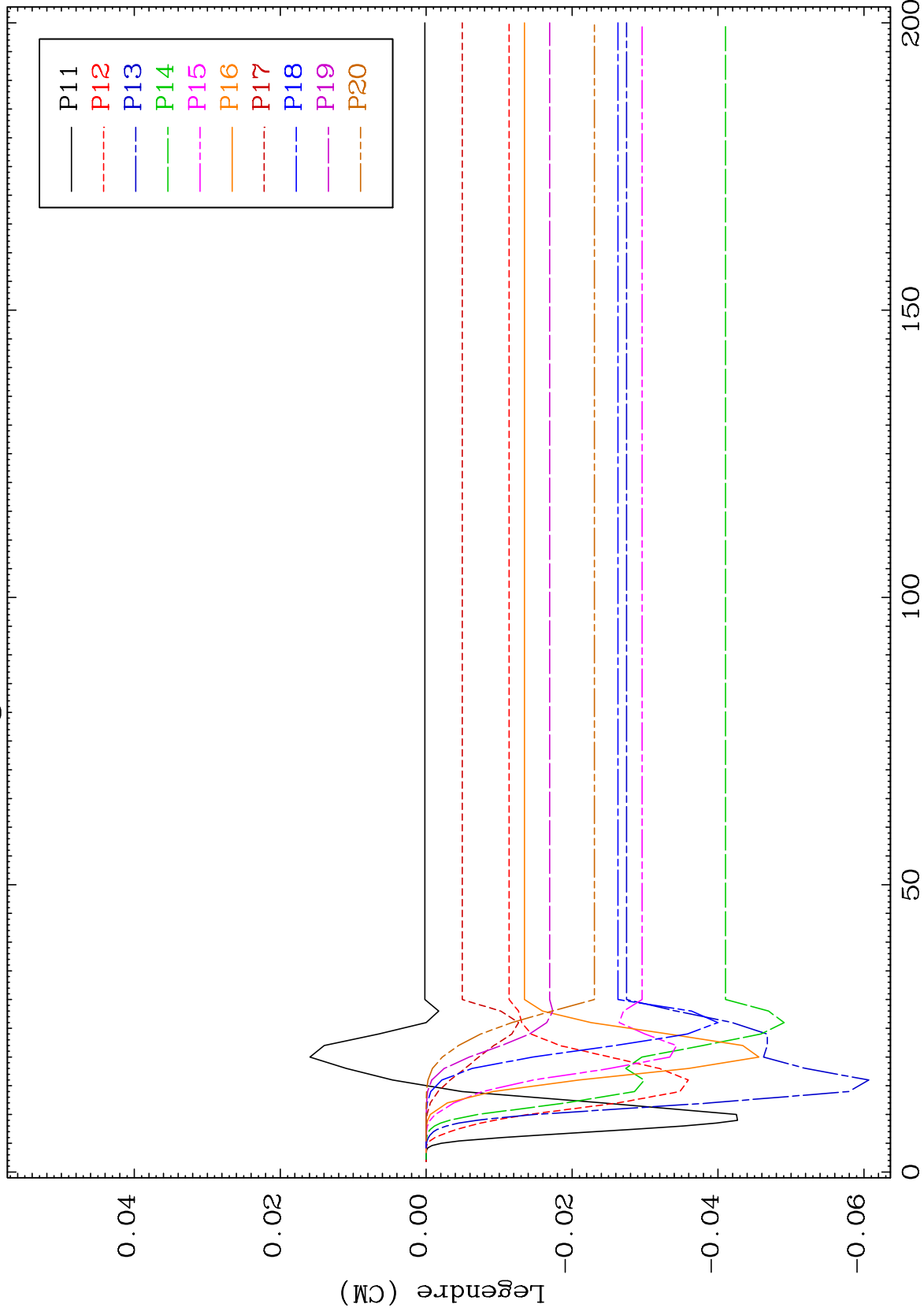
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

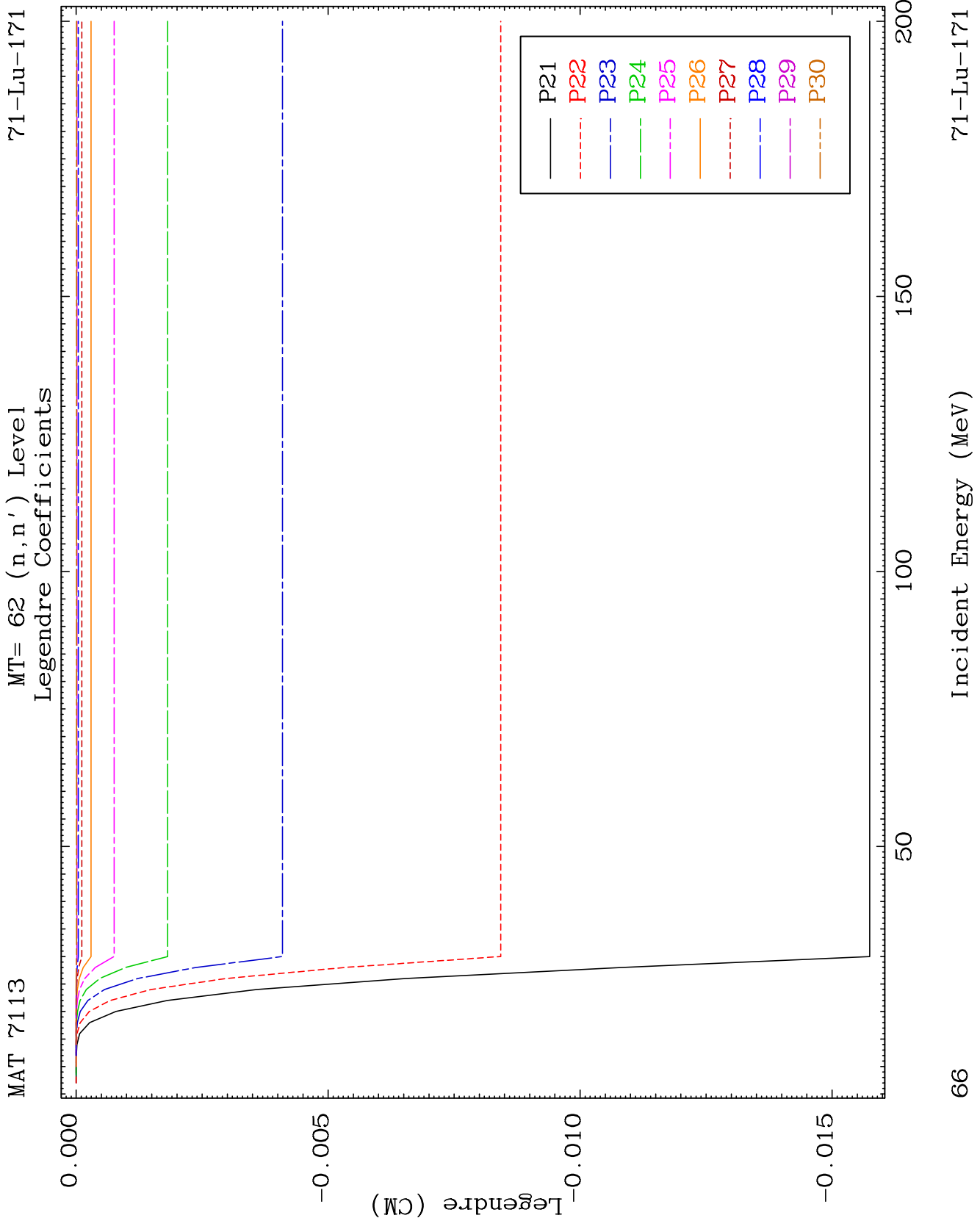
71-Lu-171

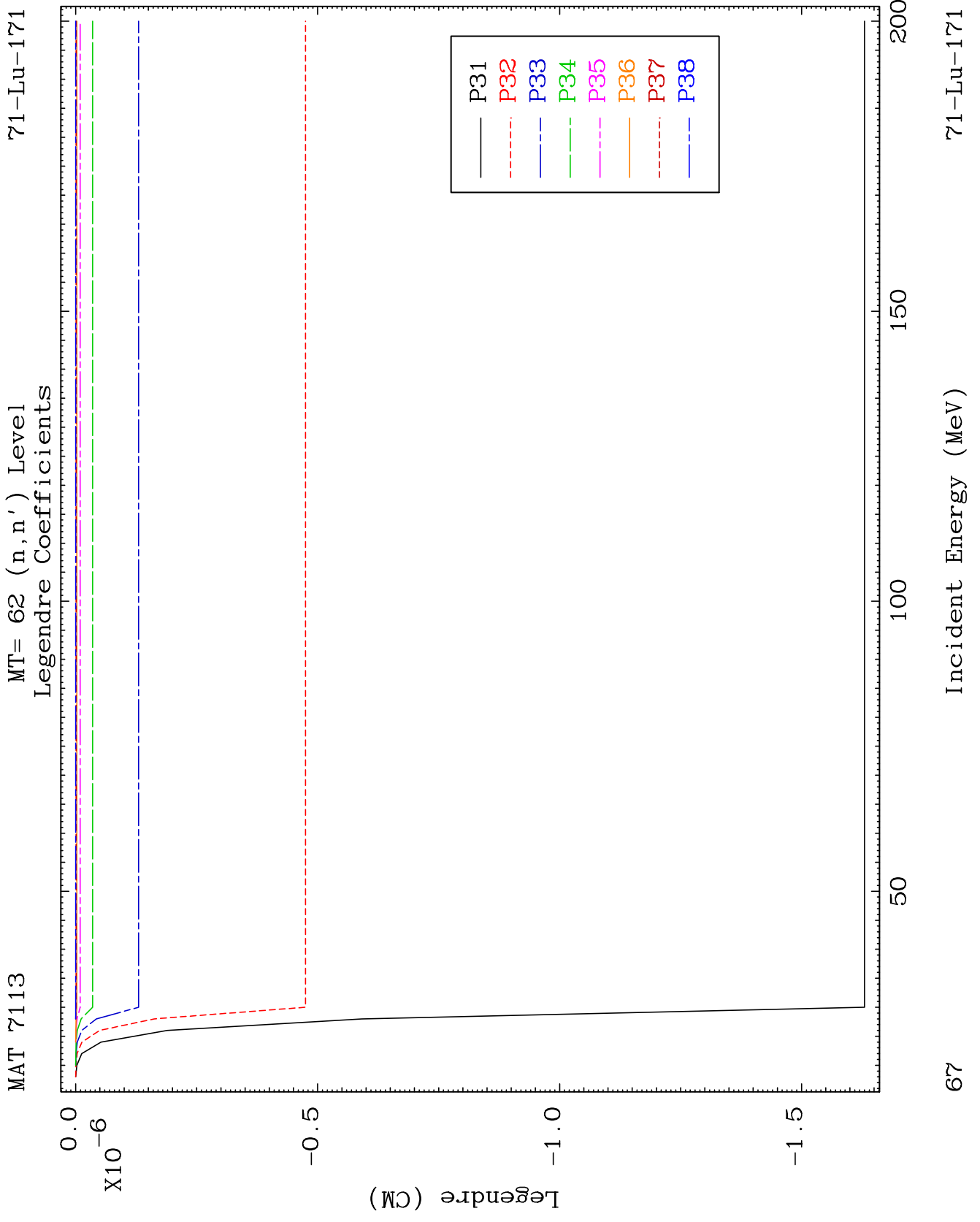


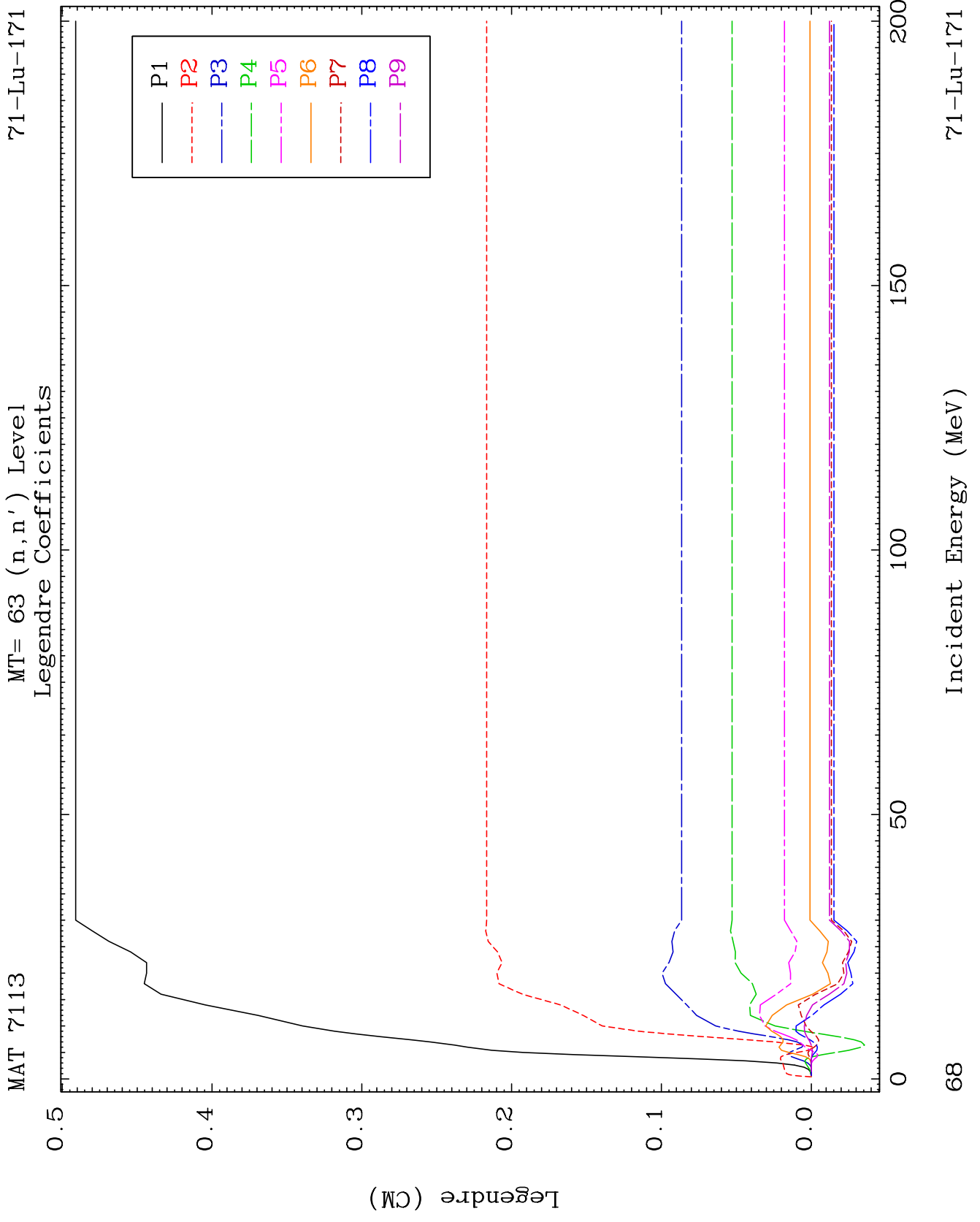
65

Incident Energy (MeV)

71-Lu-171



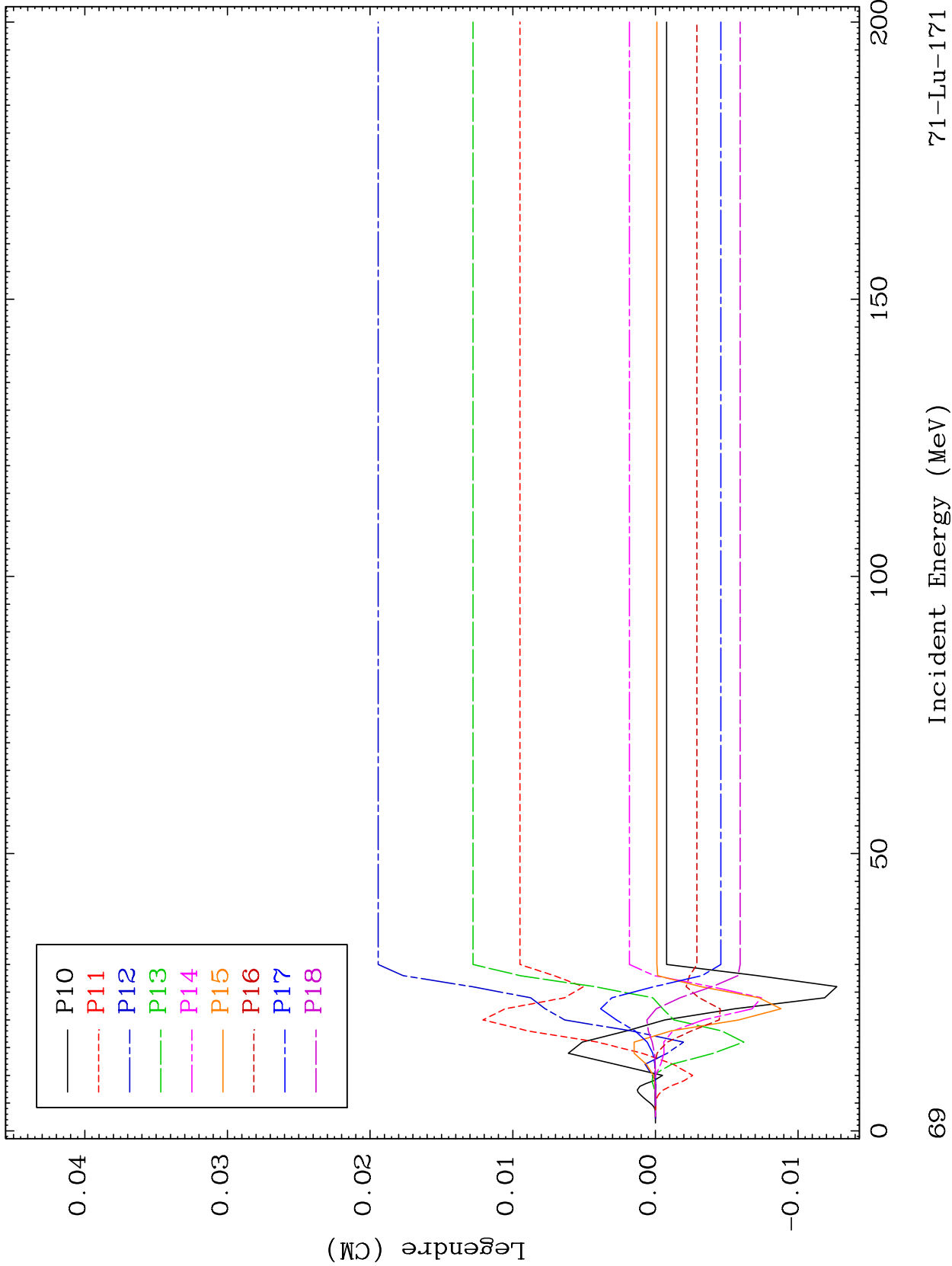




MAT 7113

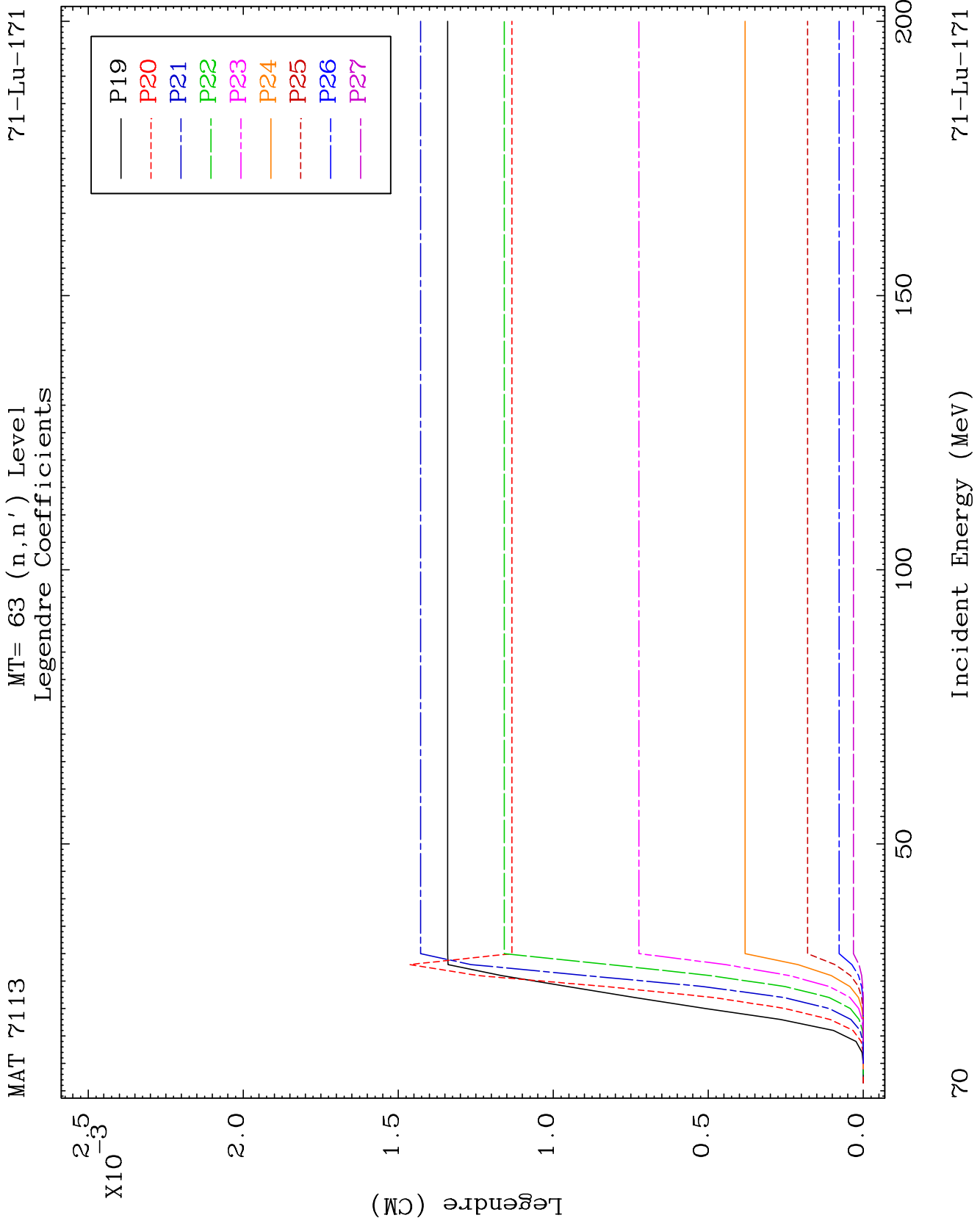
MT= 63 (n,n') Level
Legendre Coefficients

71-Lu-171



69

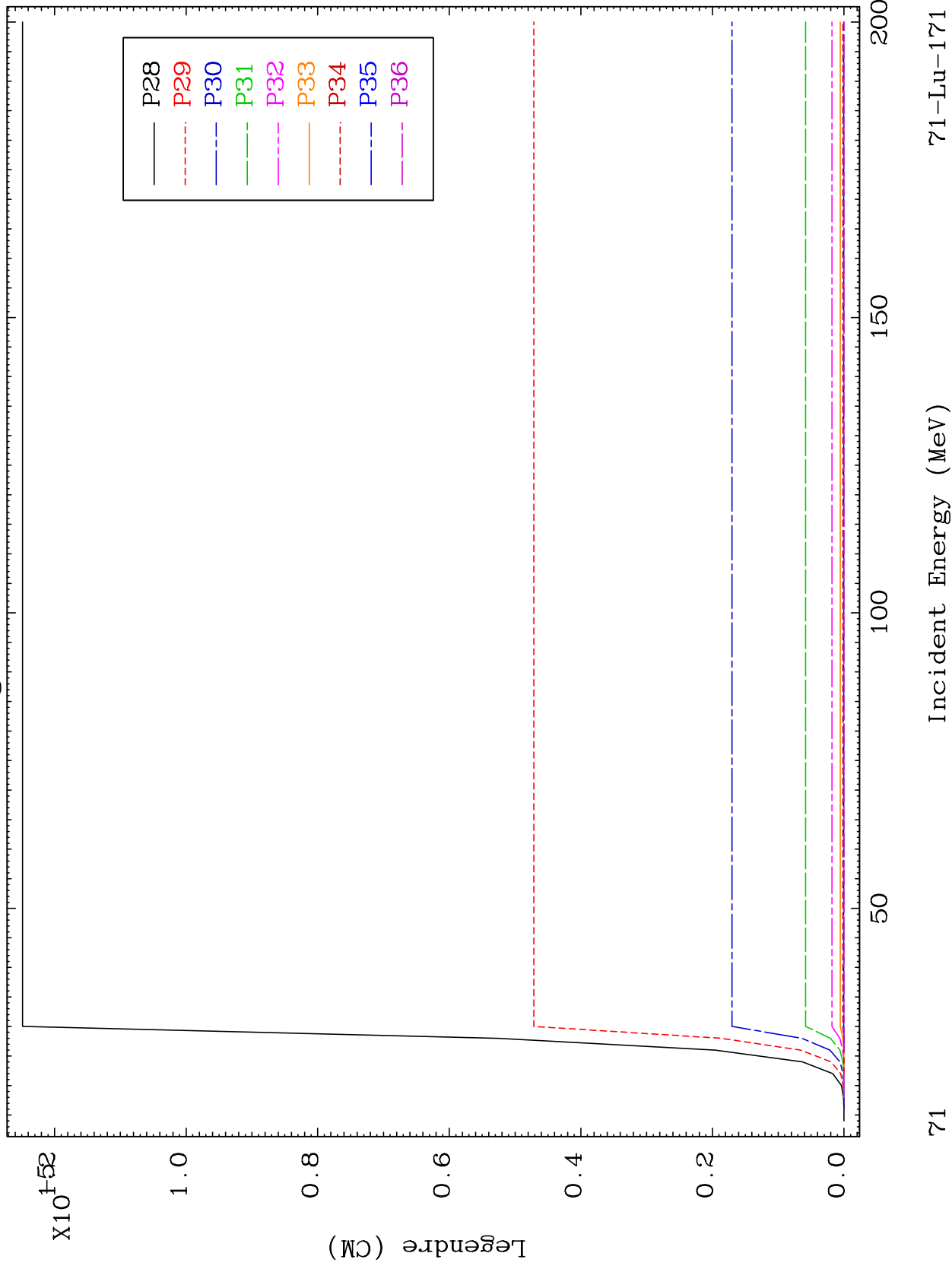
71-Lu-171



MAT 7113

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

71-Lu-171

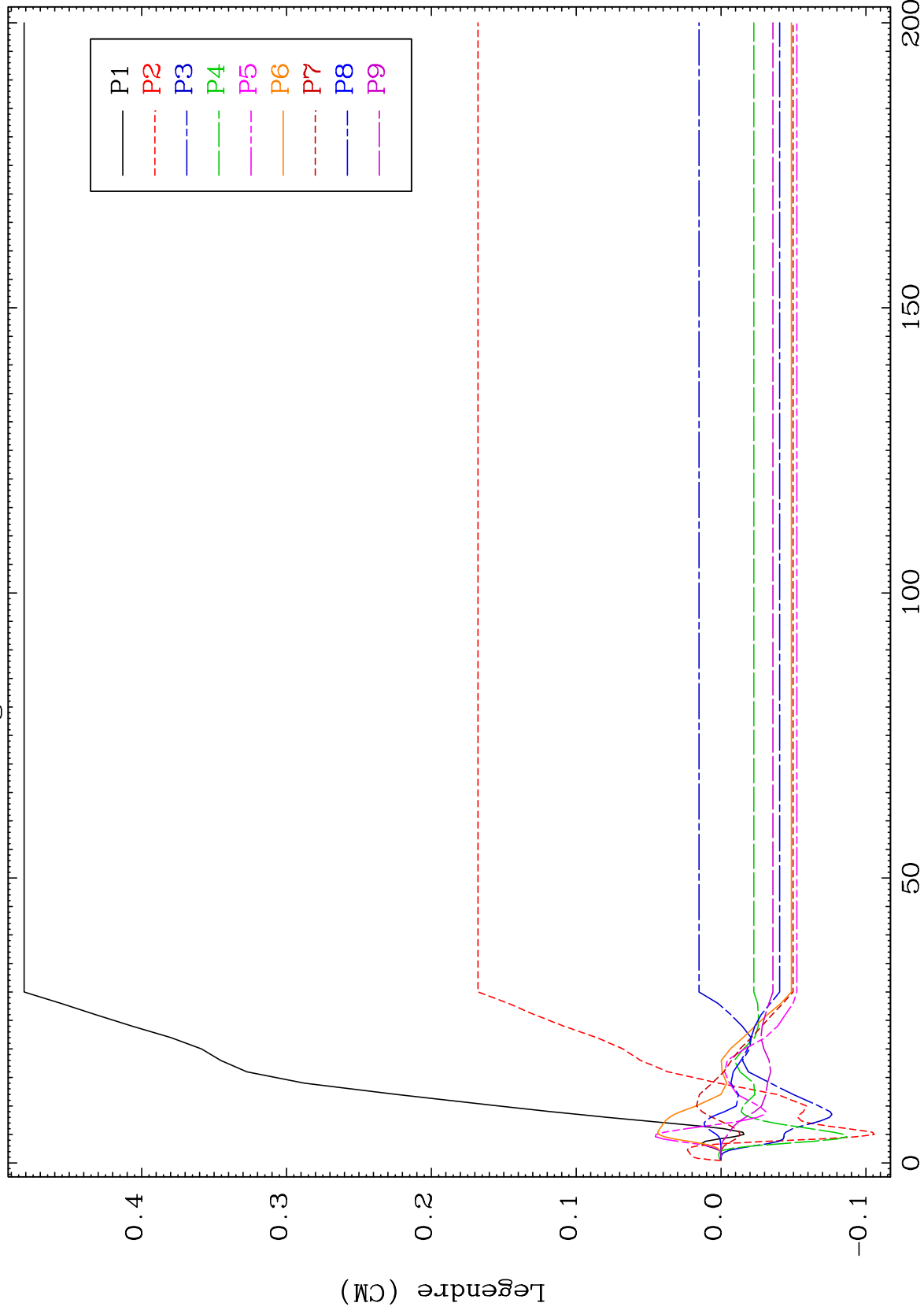


71

MAT 7113

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

71-Lu-171



72

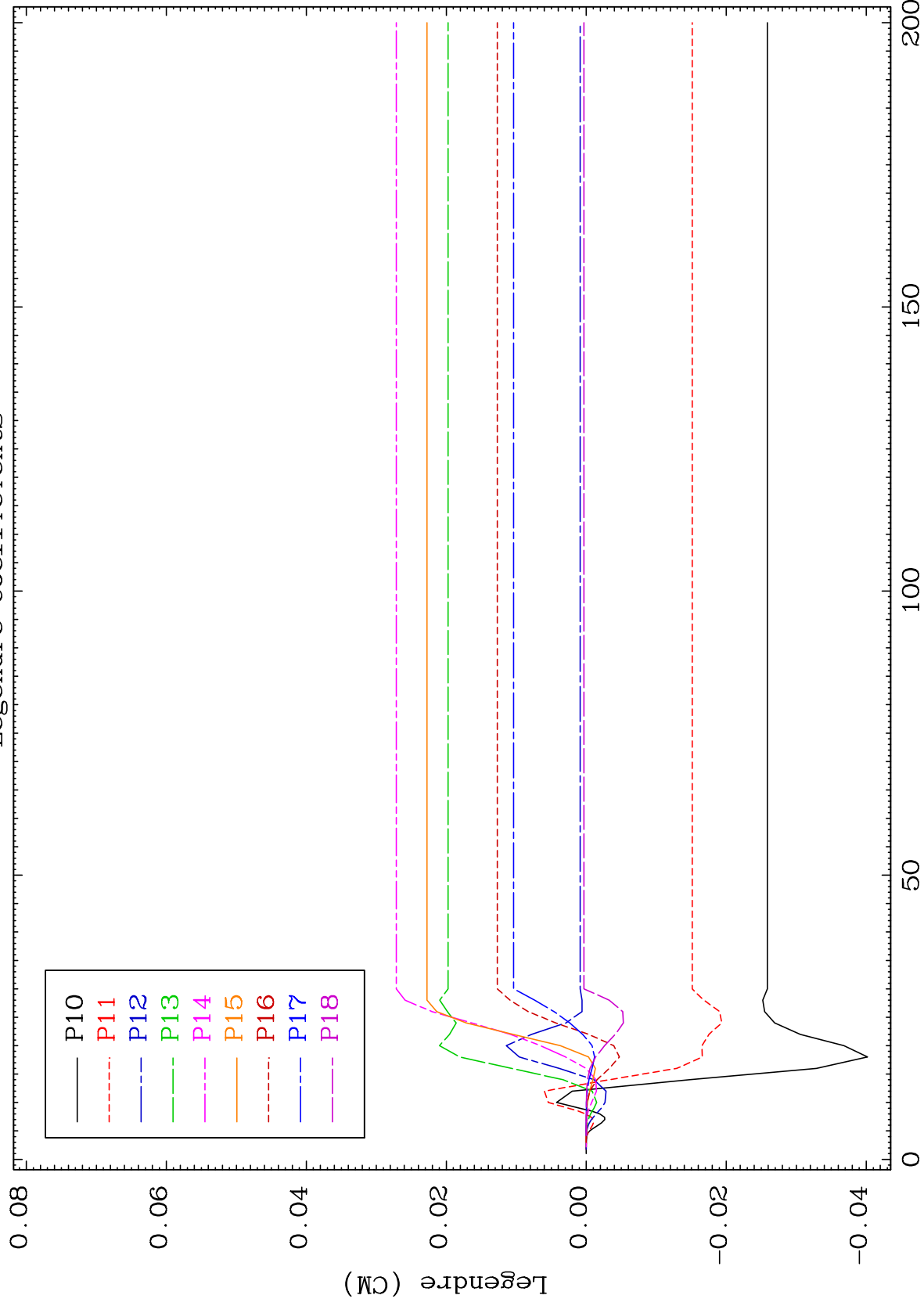
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



73

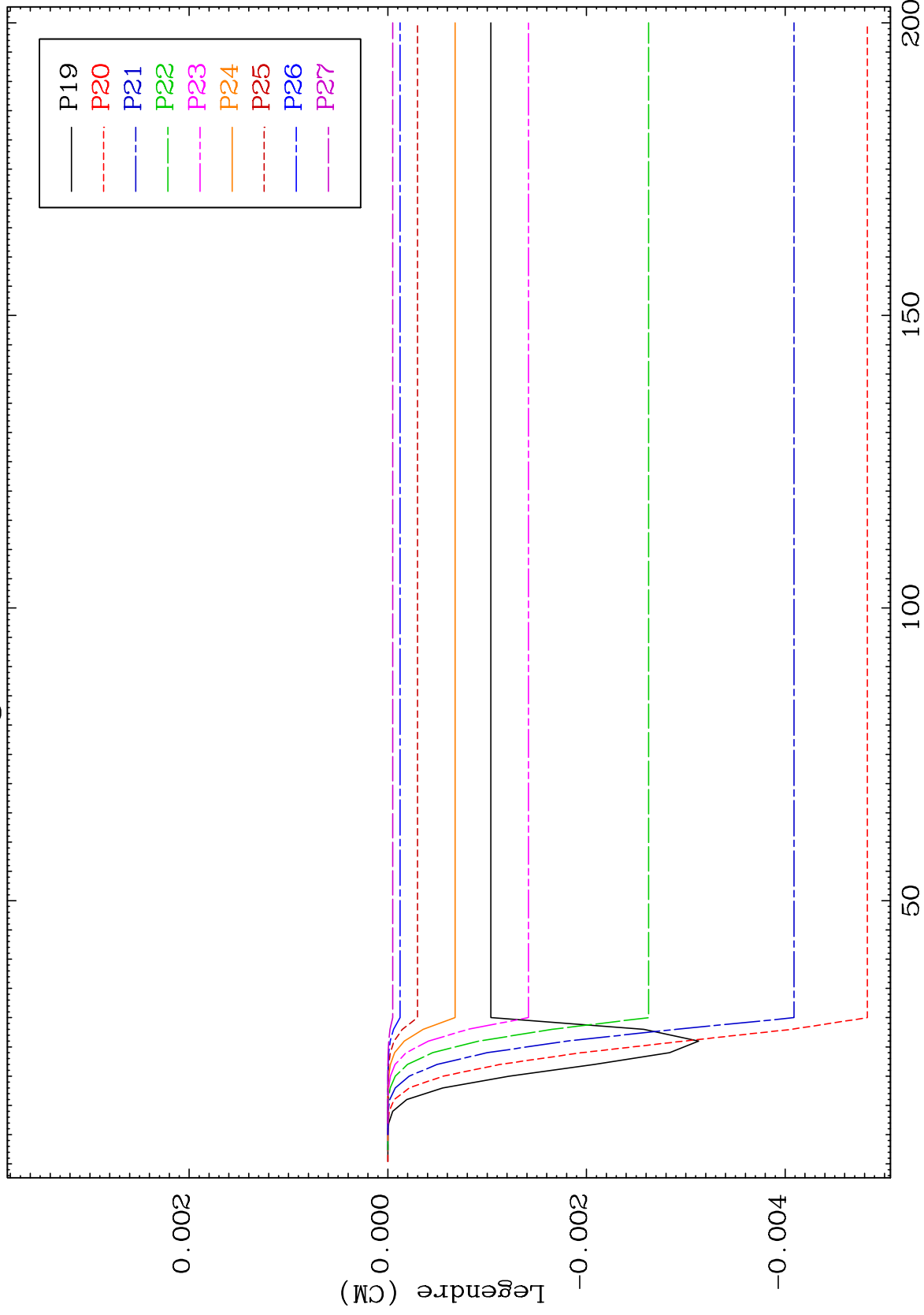
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

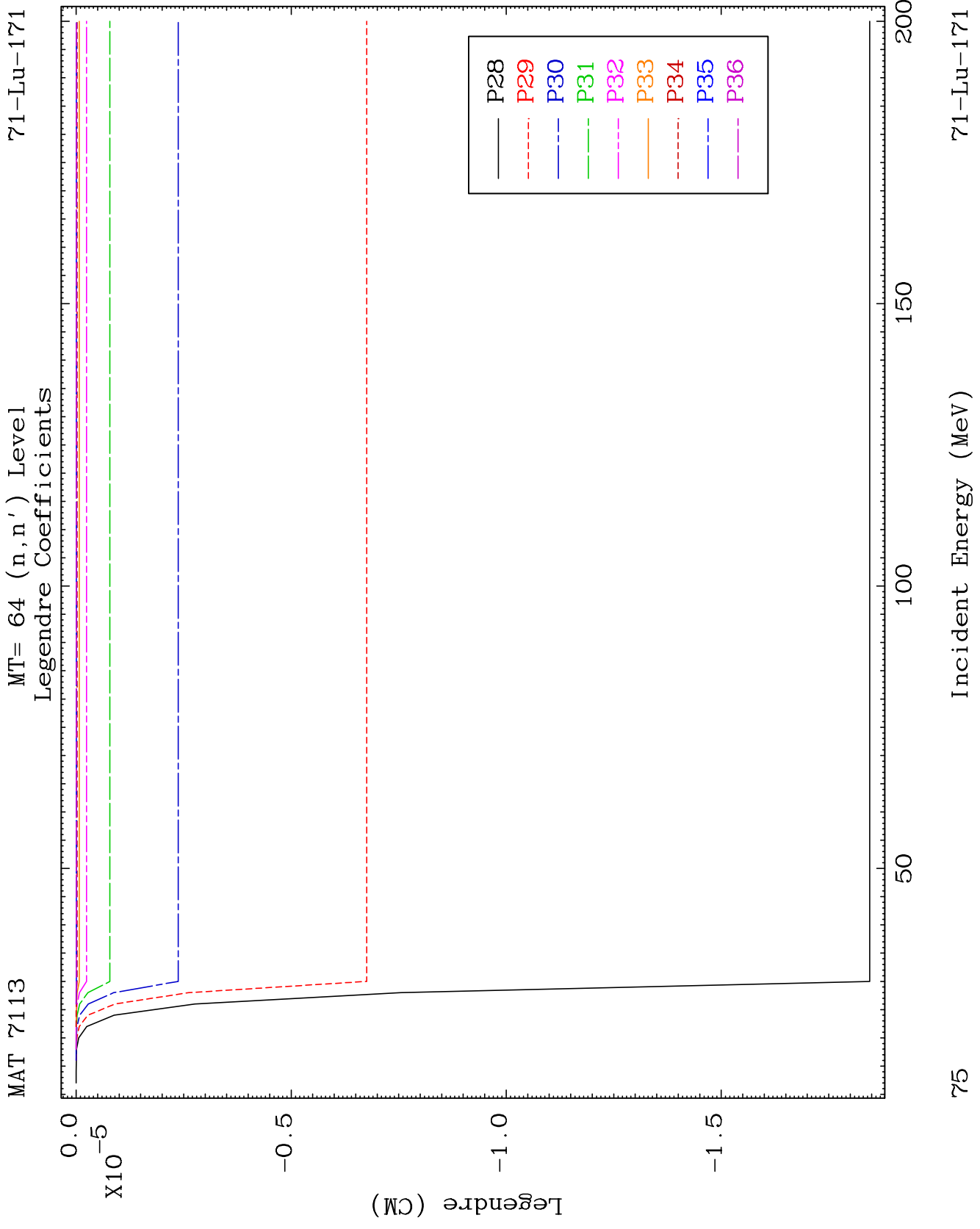
71-Lu-171



74

Incident Energy (MeV)

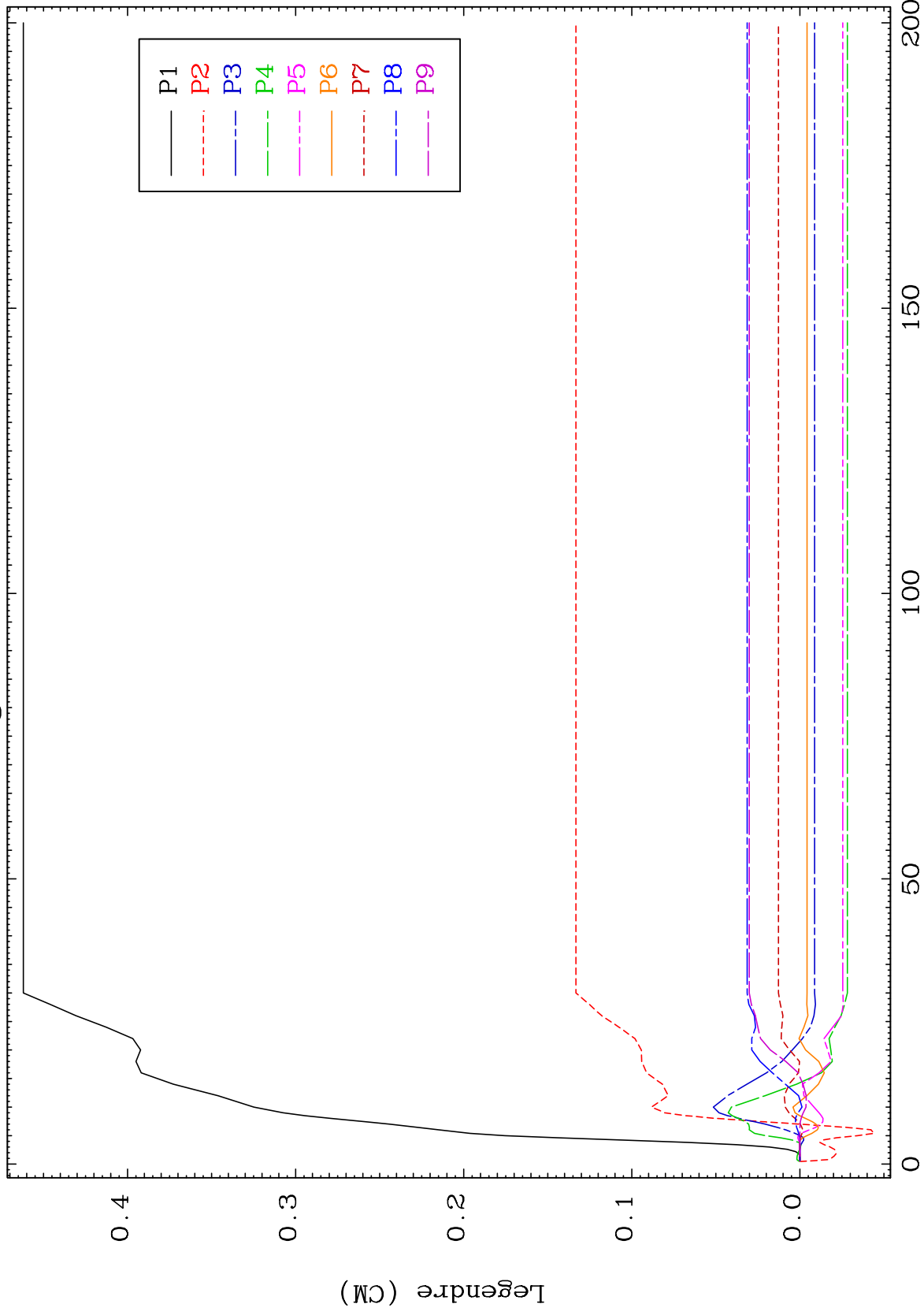
71-Lu-171



MAT 7113

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

71-Lu-171



76

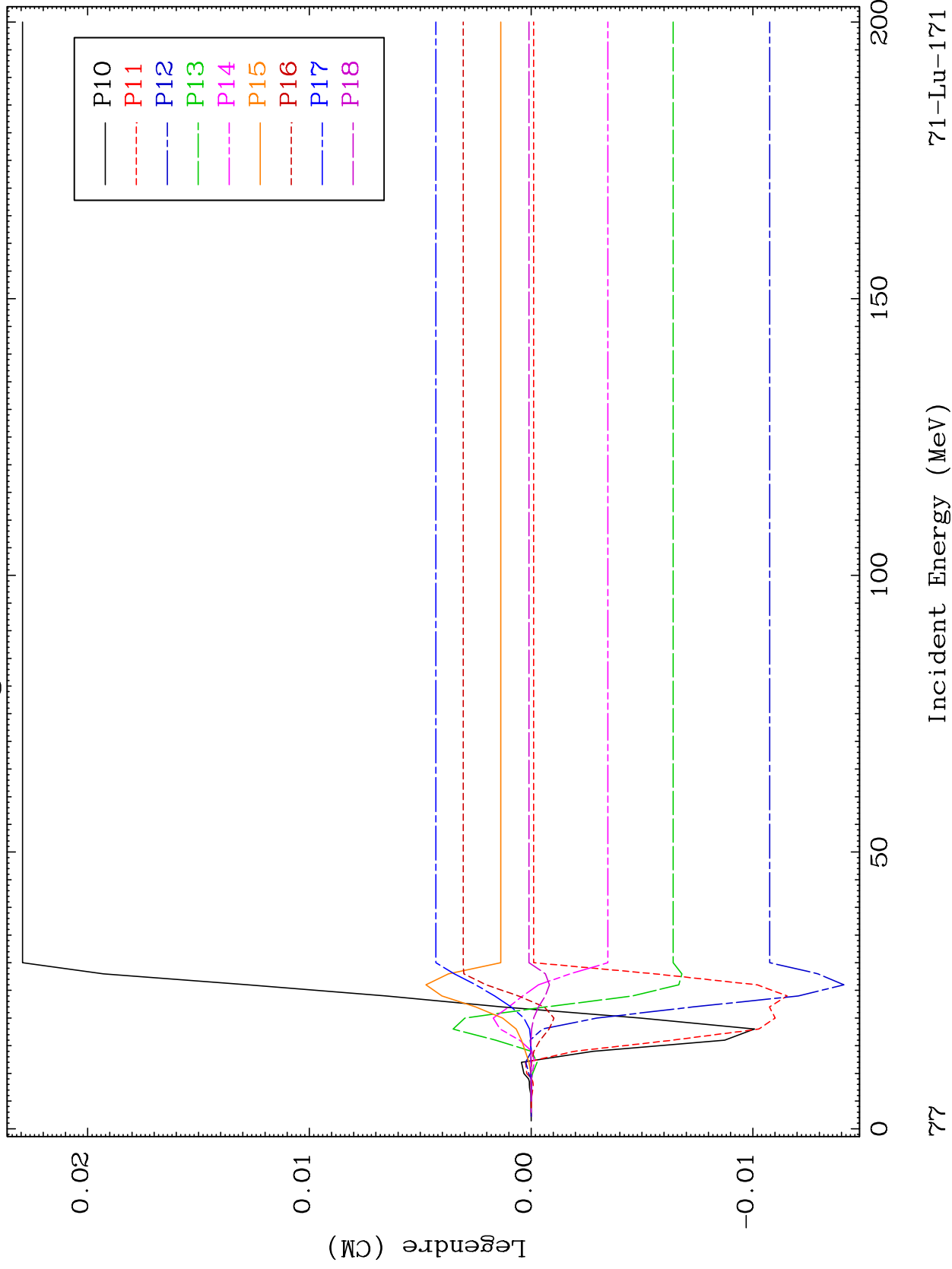
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

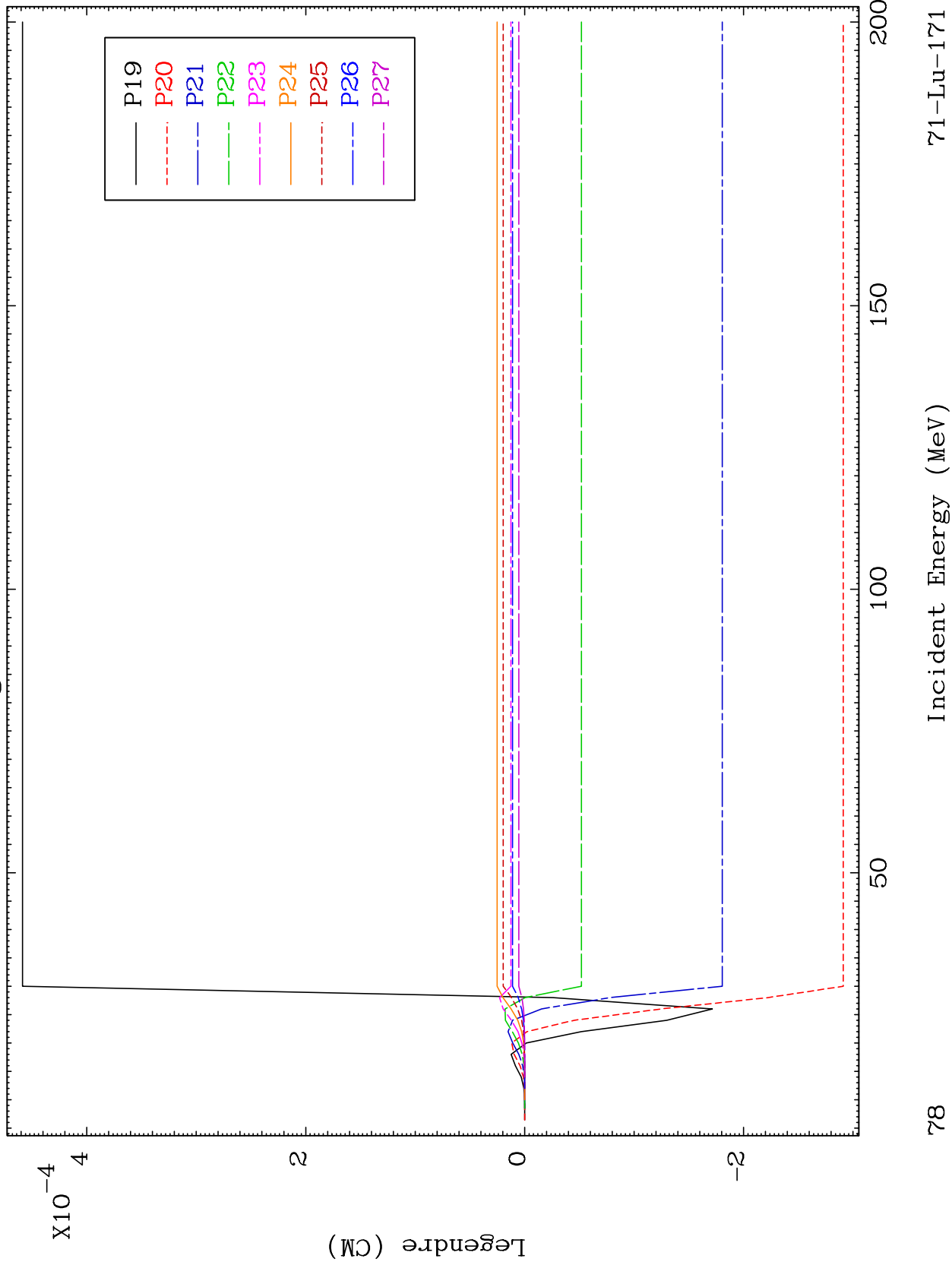
Incident Energy (MeV)

77

MAT 7113

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

71-Lu-171

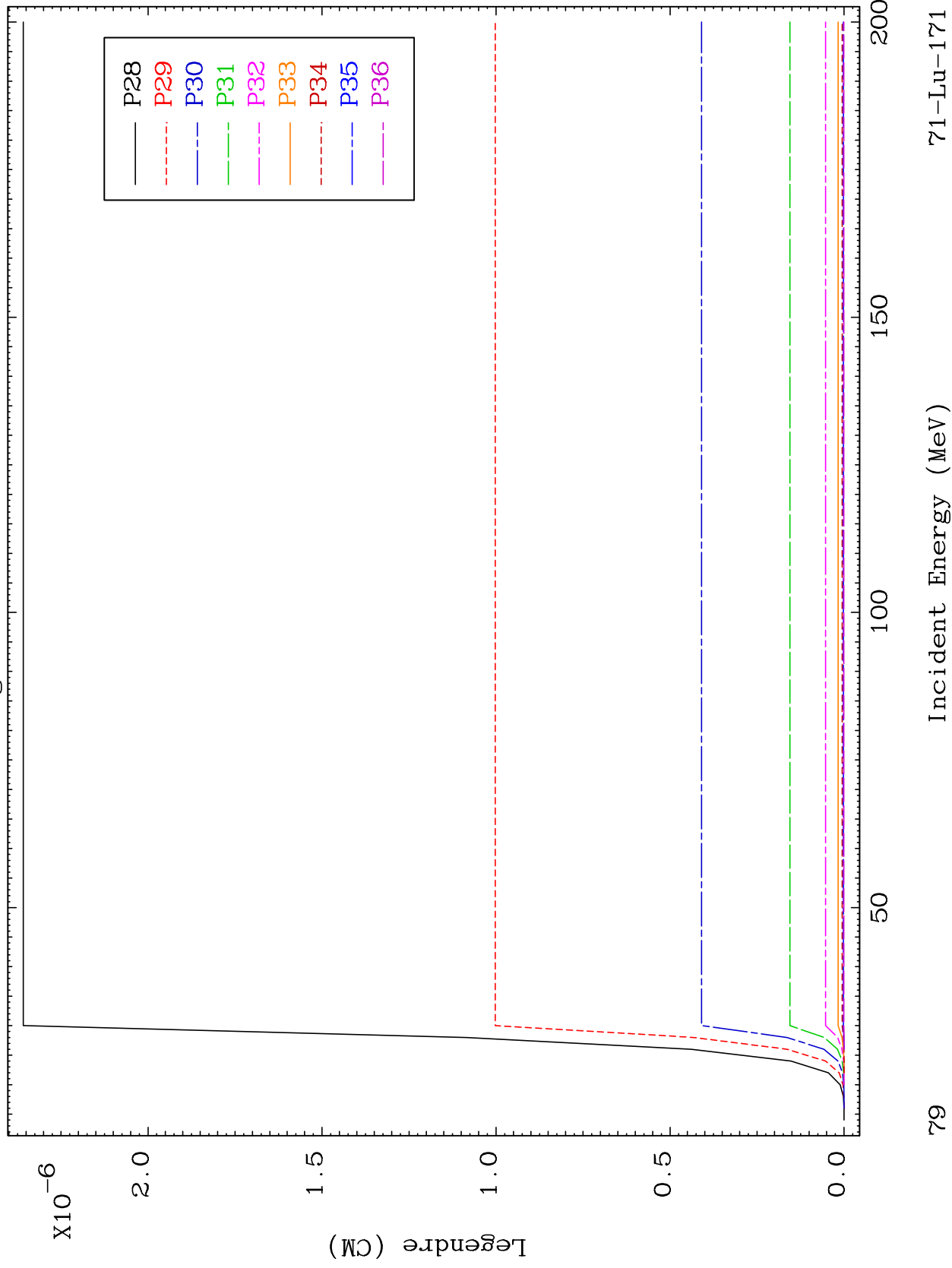


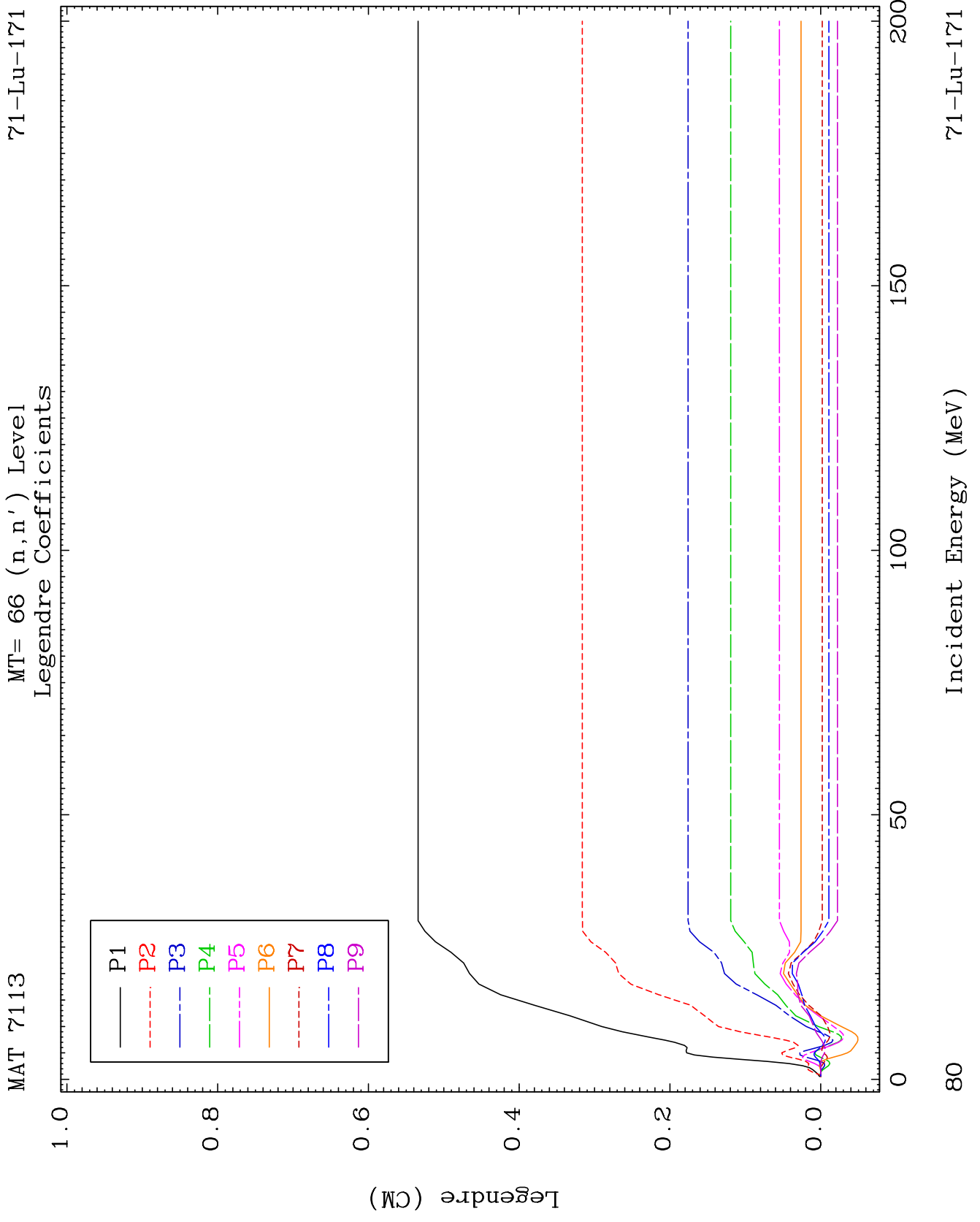
78

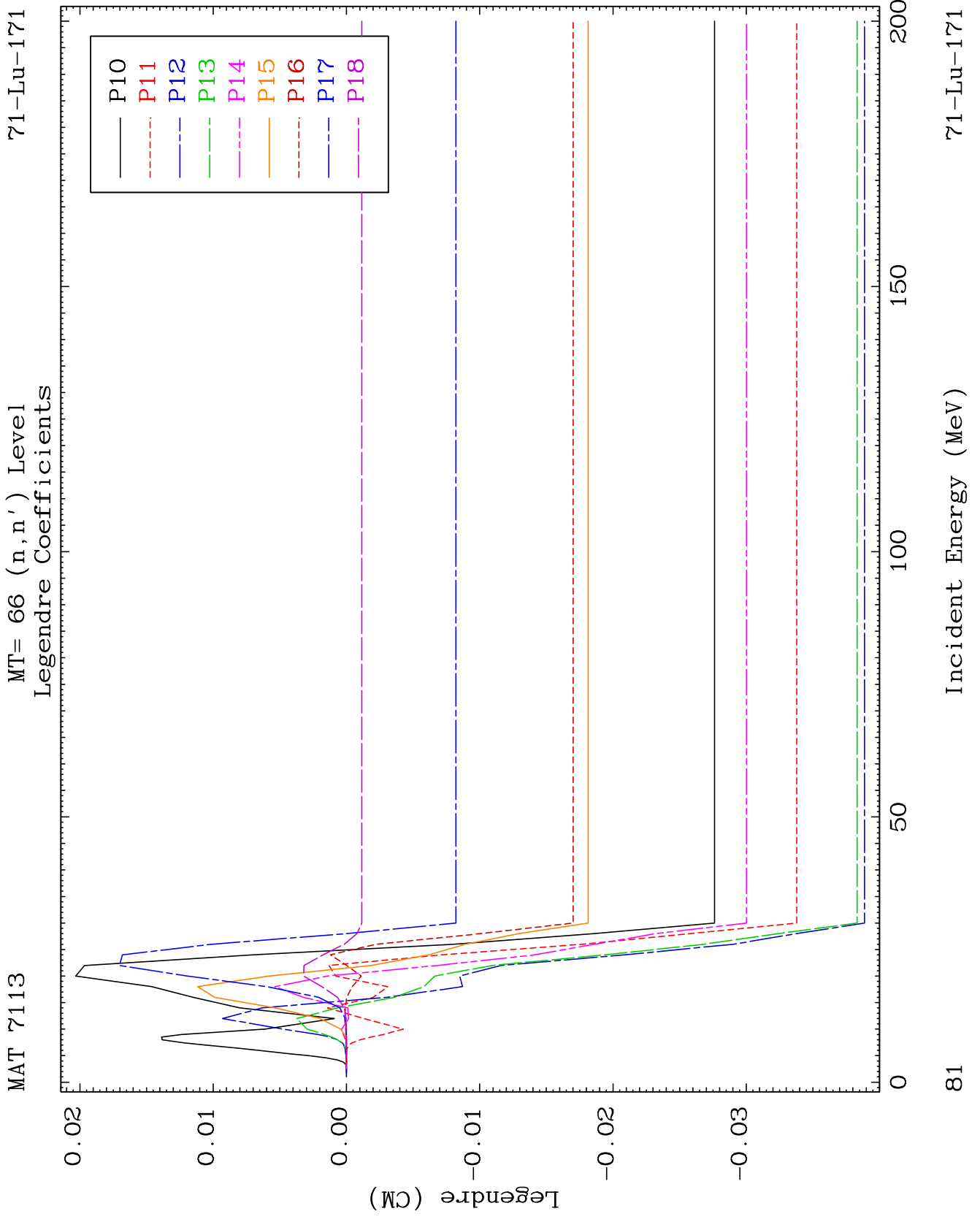
MAT 7113

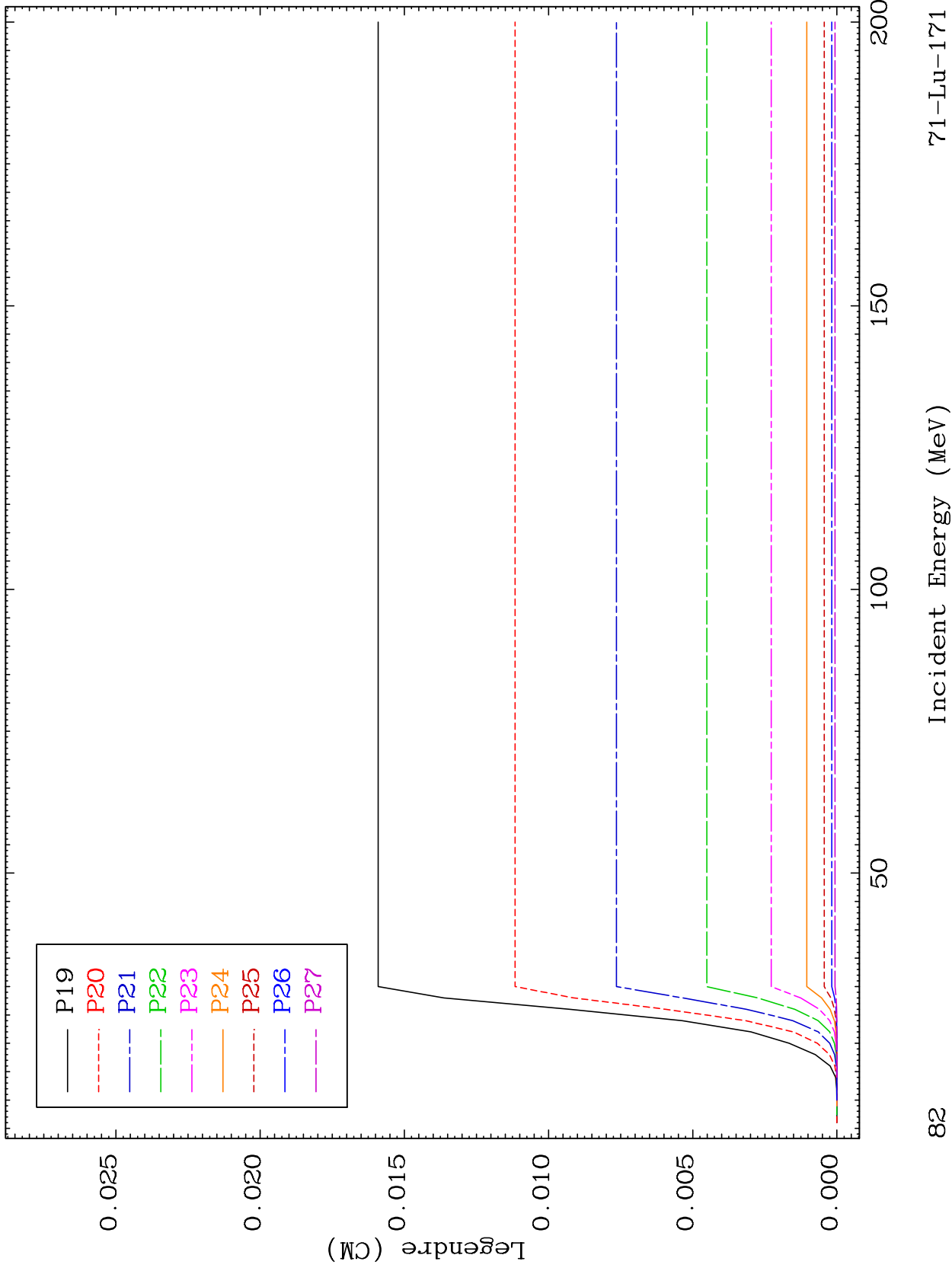
MT= 65 (n,n') Level
Legendre Coefficients

71-Lu-171





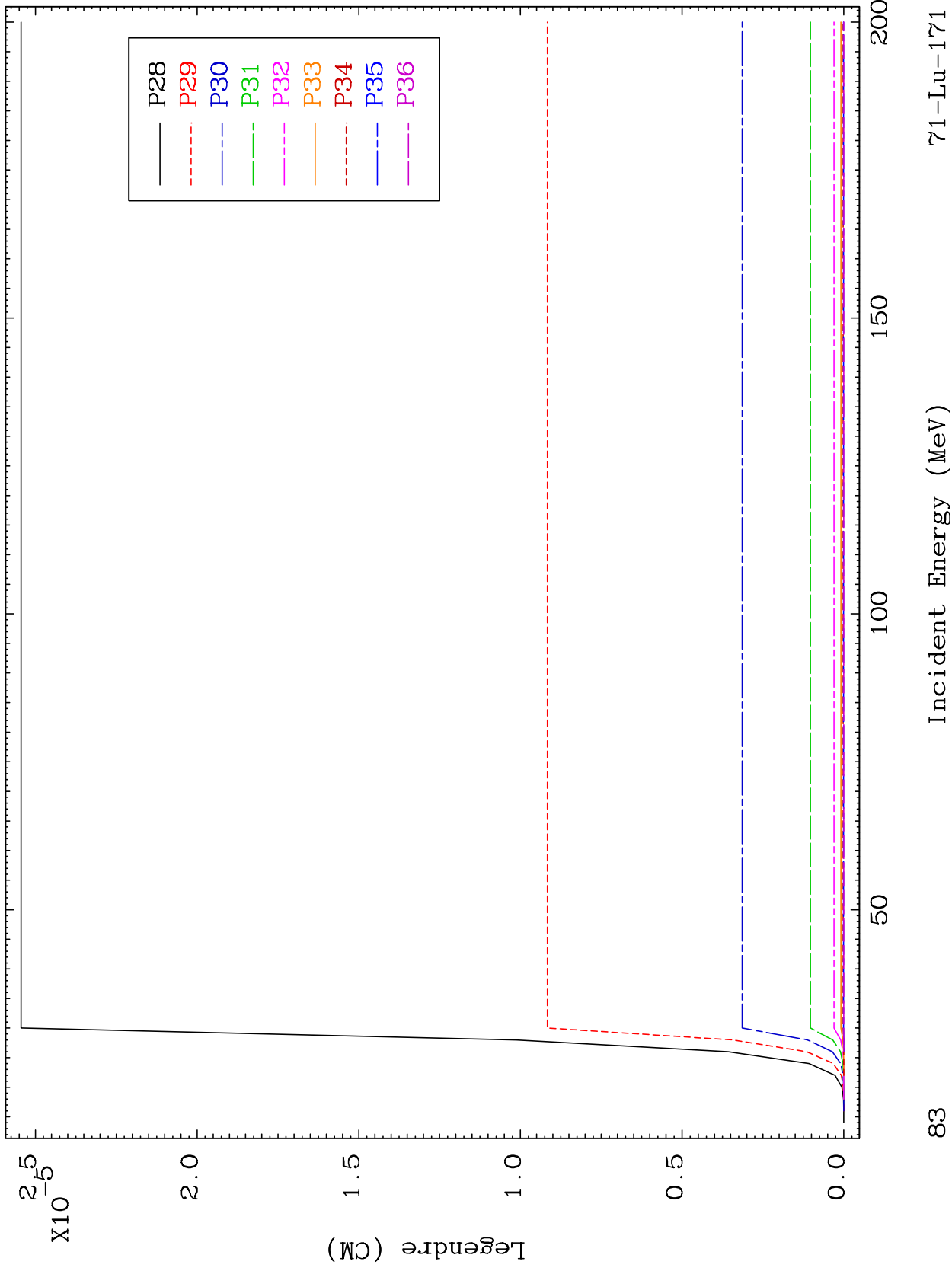




MAT 7113

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

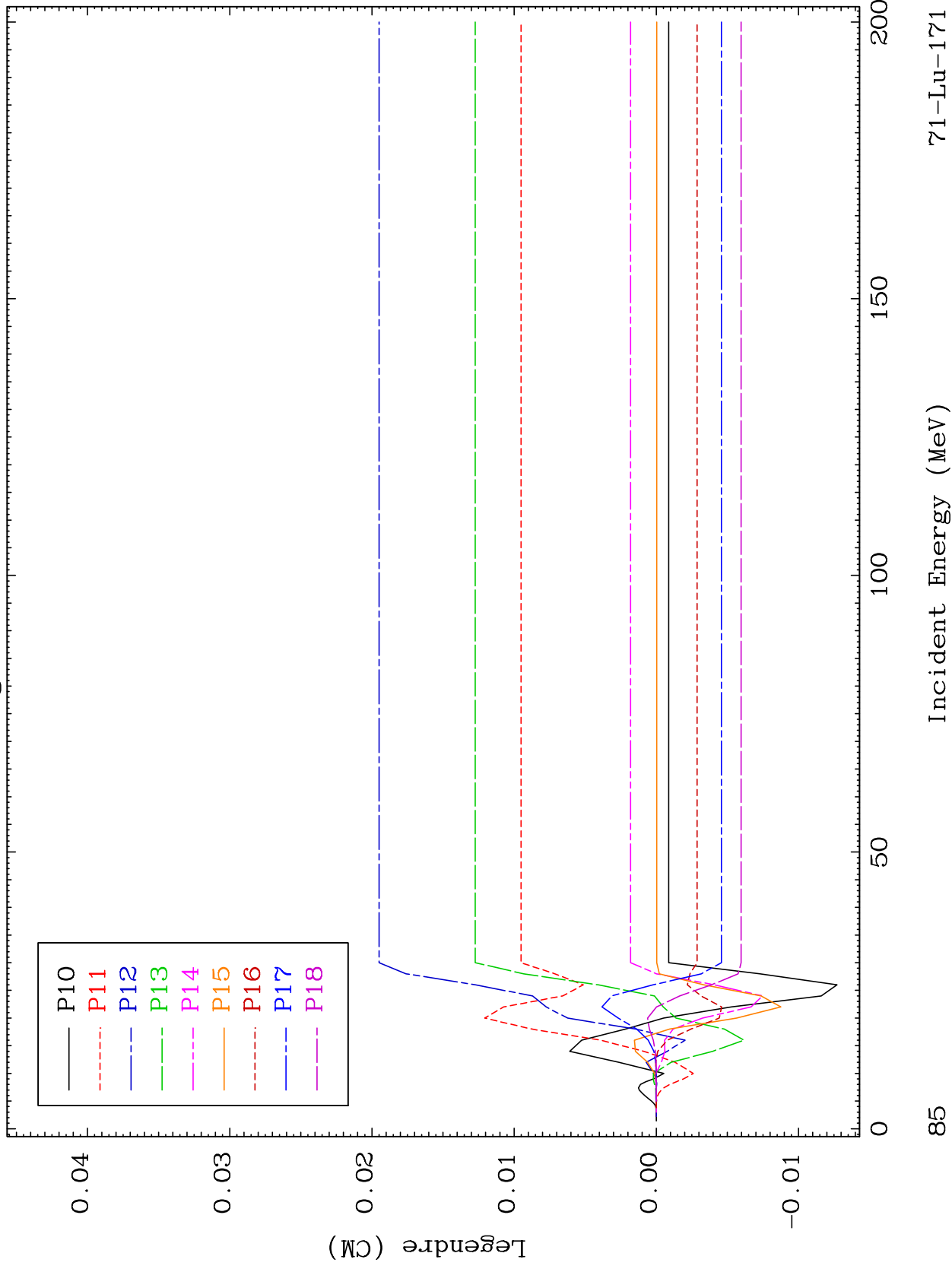
71-Lu-171



MAT 7113

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

71-Lu-171



71-Lu-171

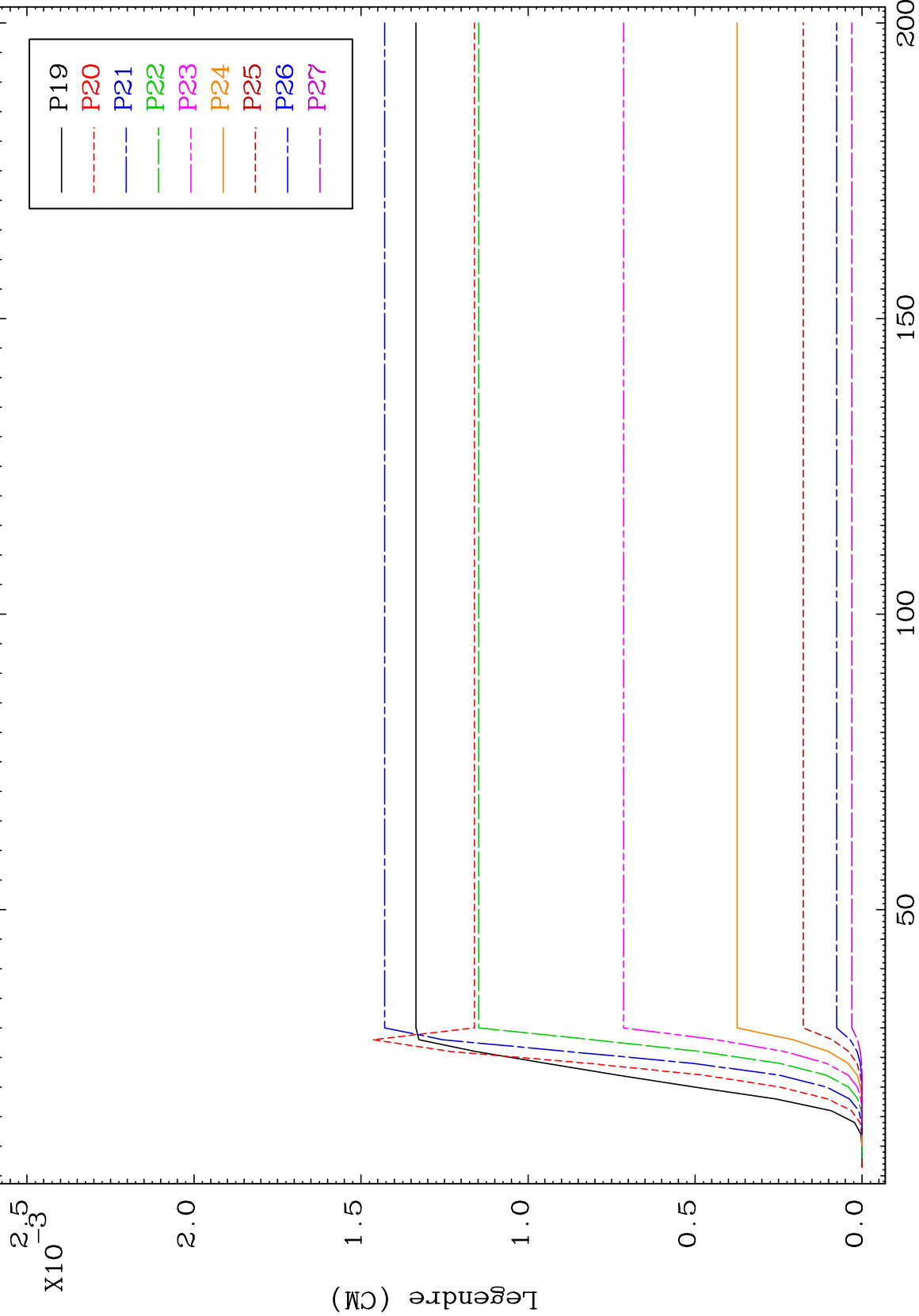
Incident Energy (MeV)

85

MAT 7113

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

71-Lu-171



86

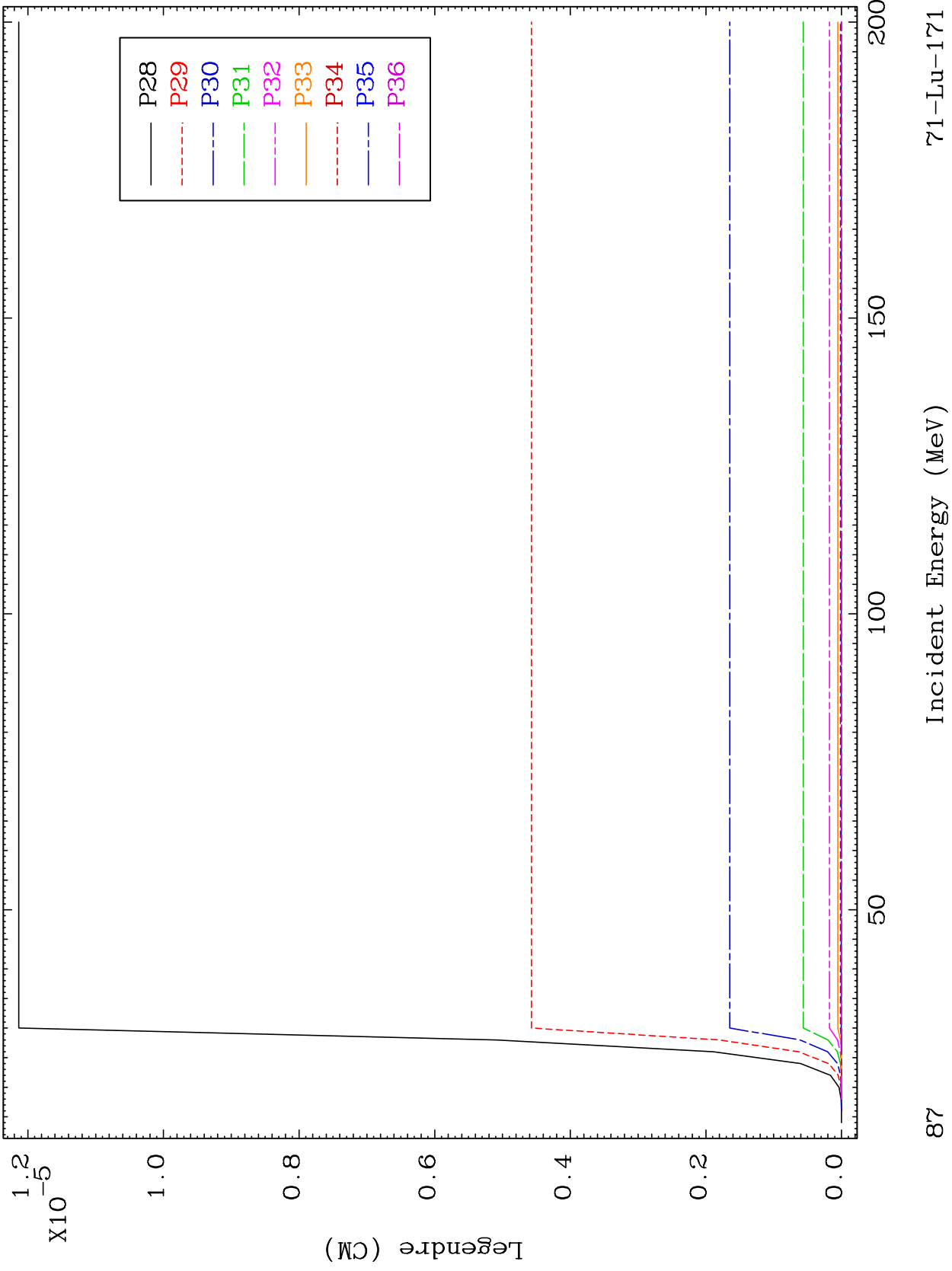
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



87

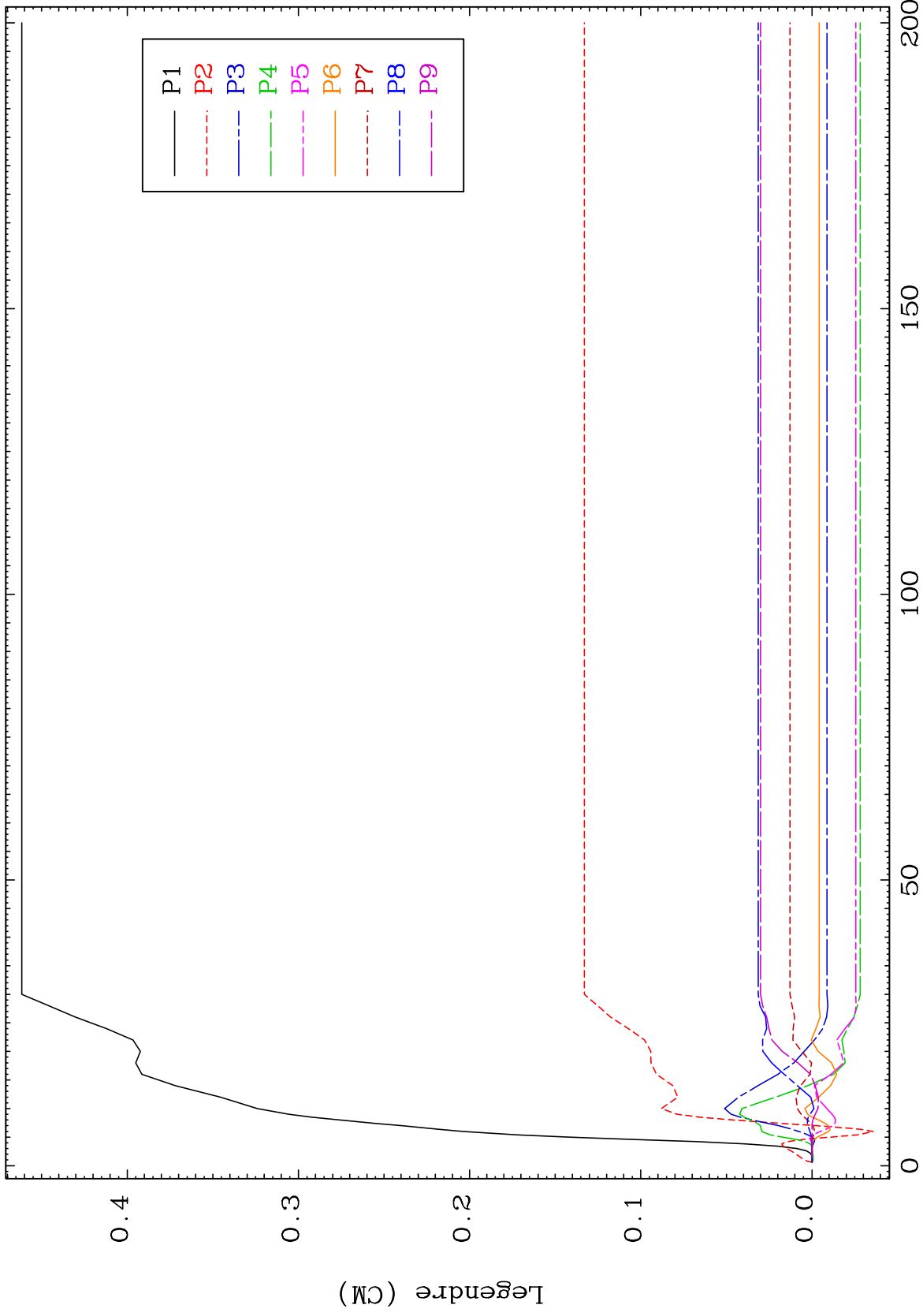
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



88

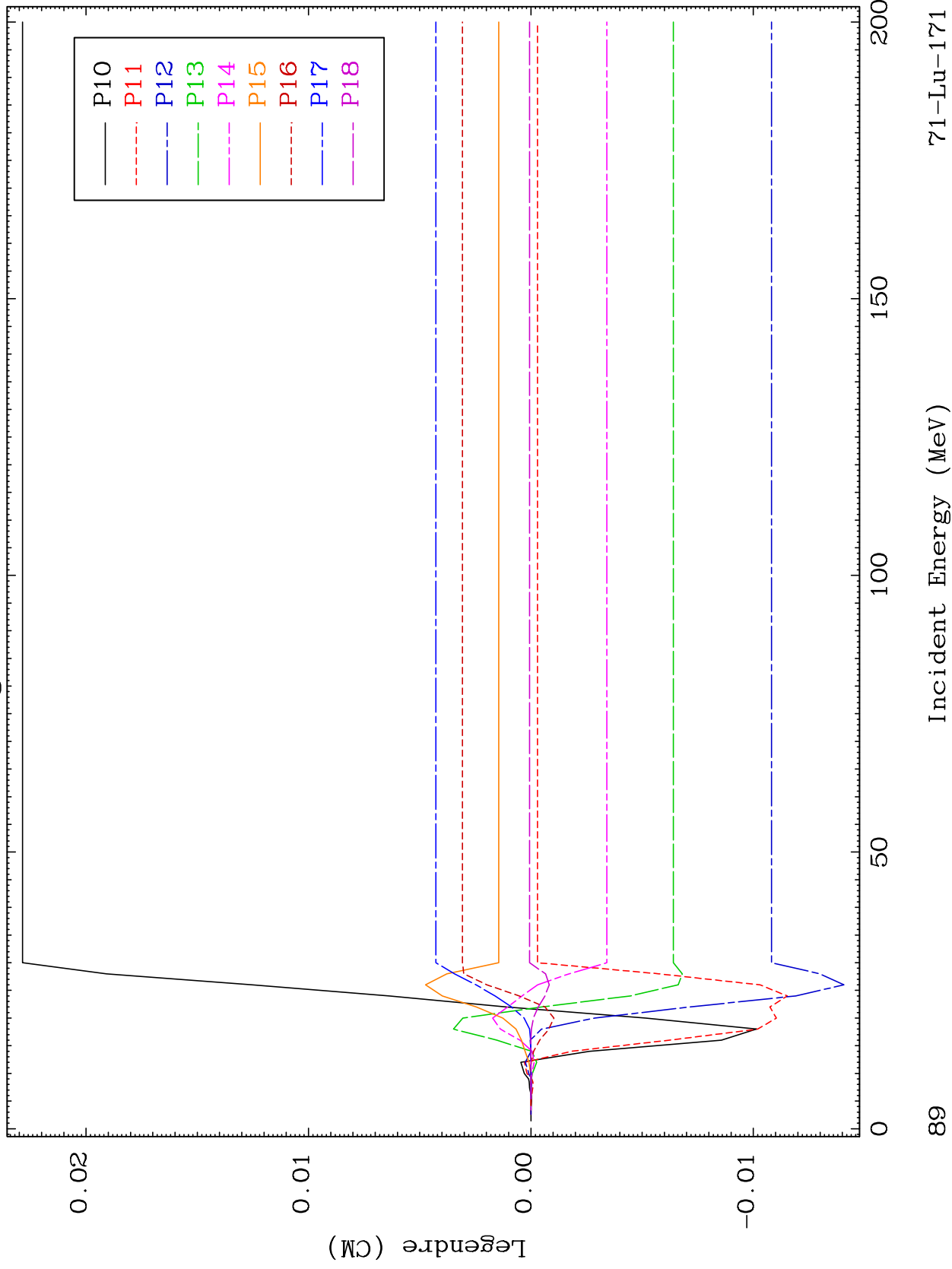
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

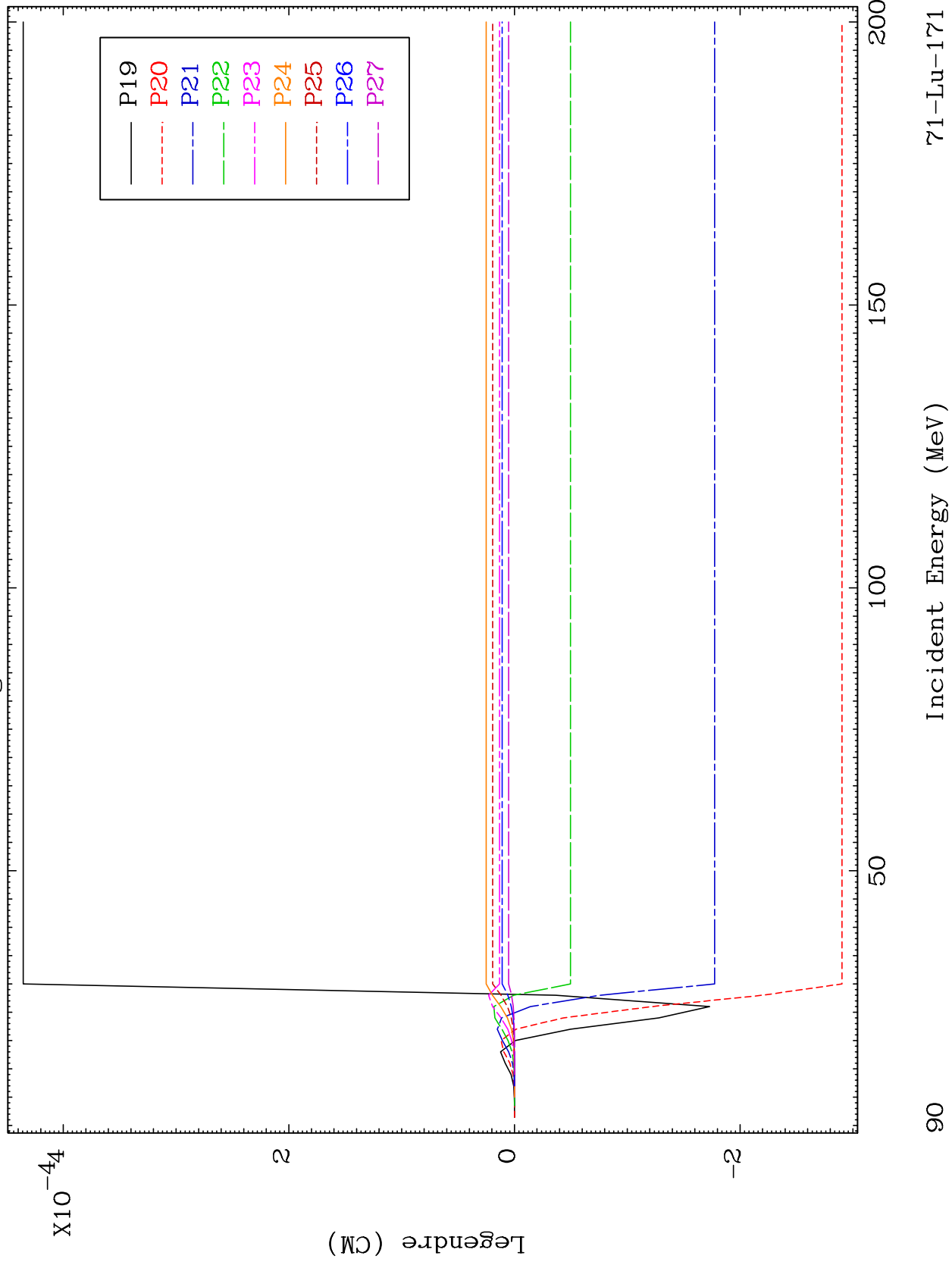
Incident Energy (MeV)

89

MAT 7113

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

71-Lu-171



90

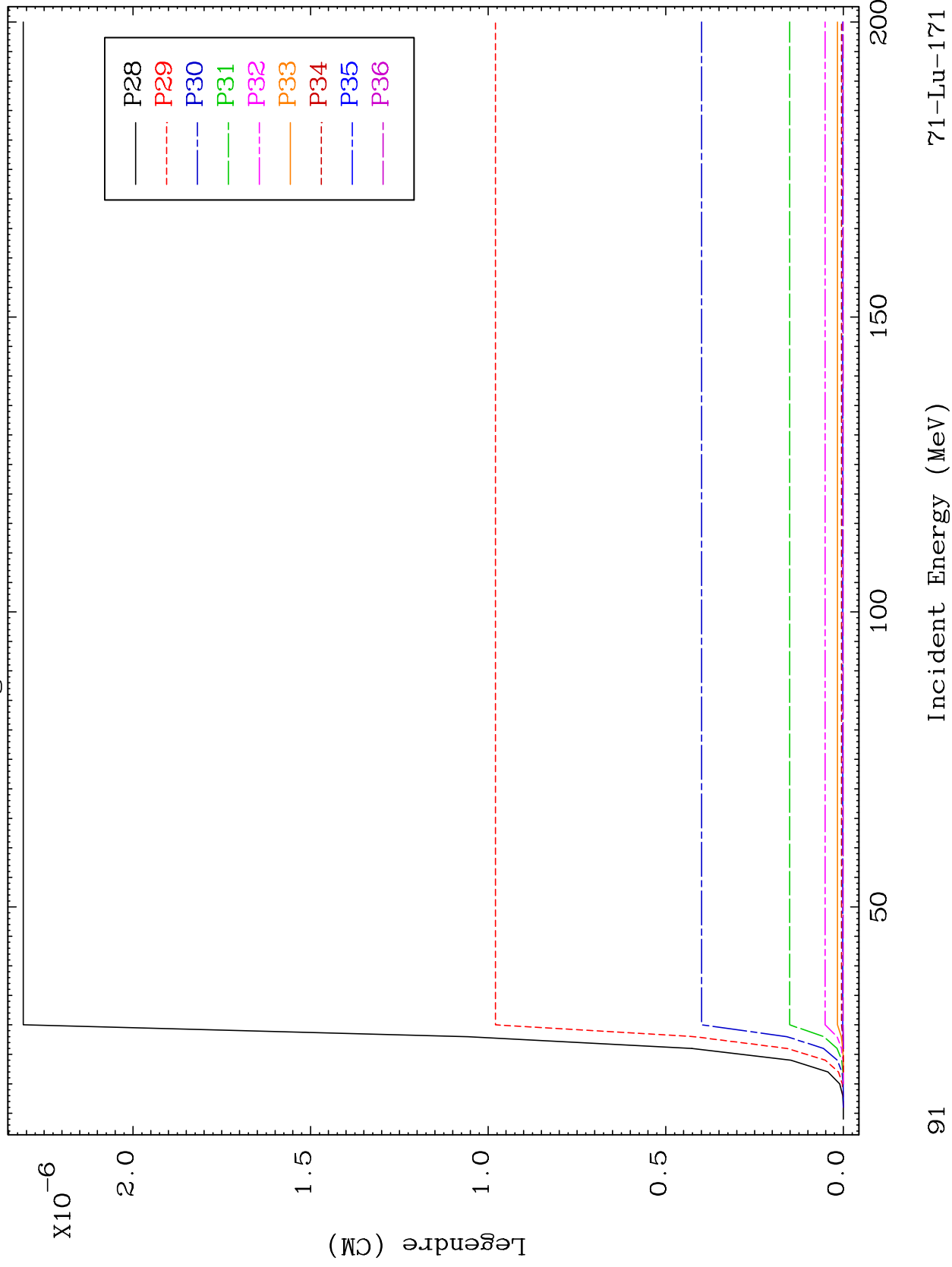
Incident Energy (MeV)

71-Lu-171

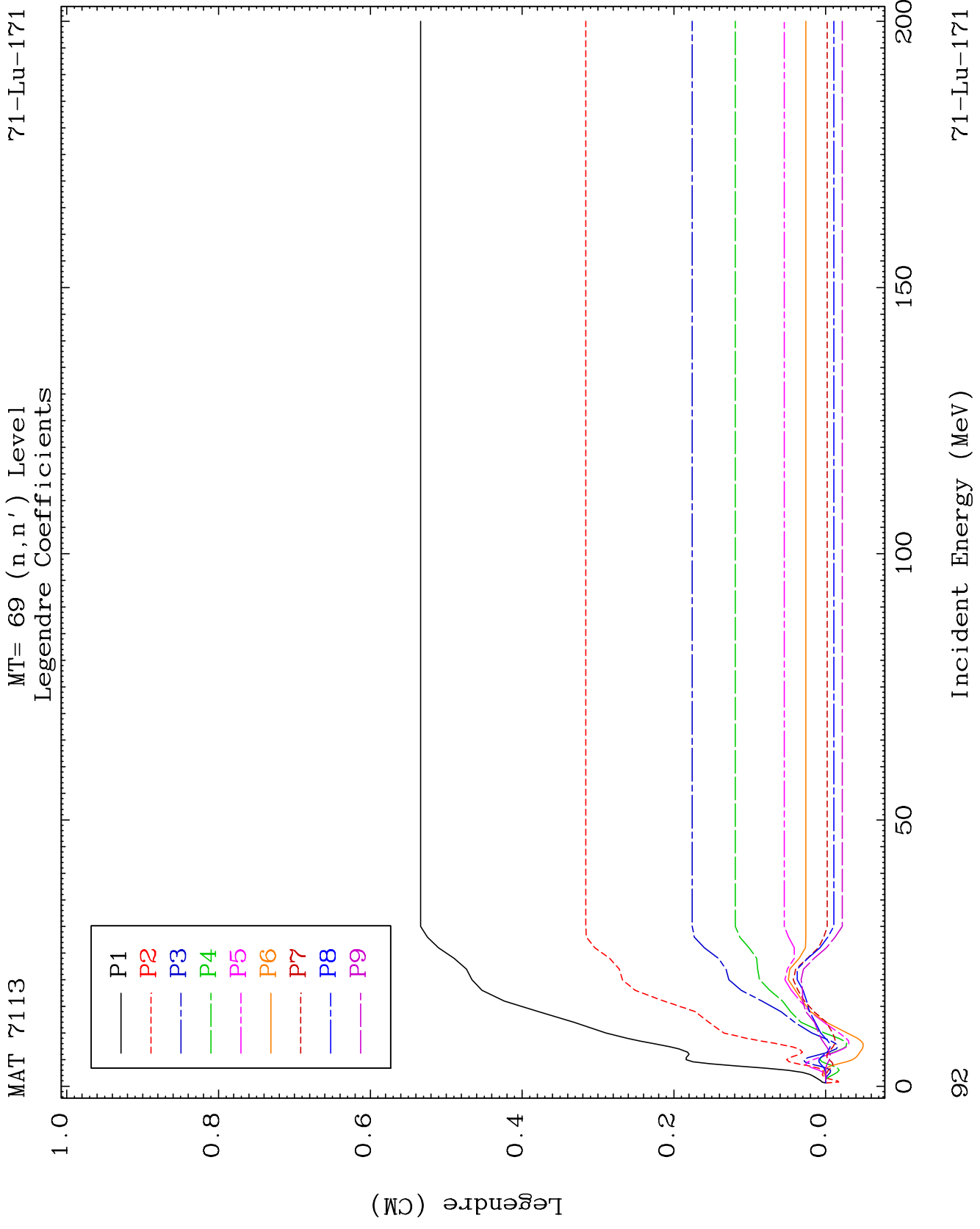
MAT 7113

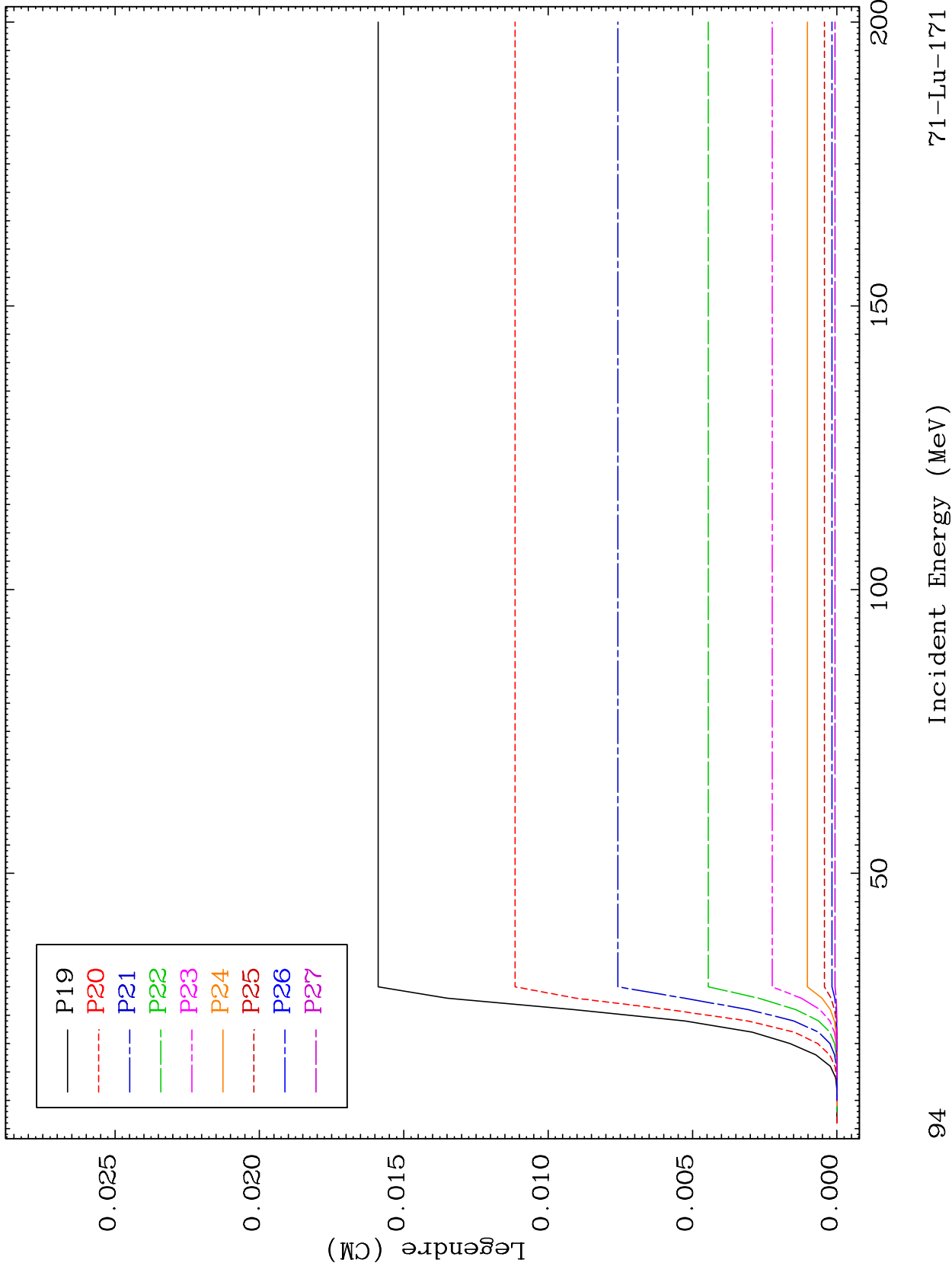
MT= 68 (n,n') Level
Legendre Coefficients

71-Lu-171



91

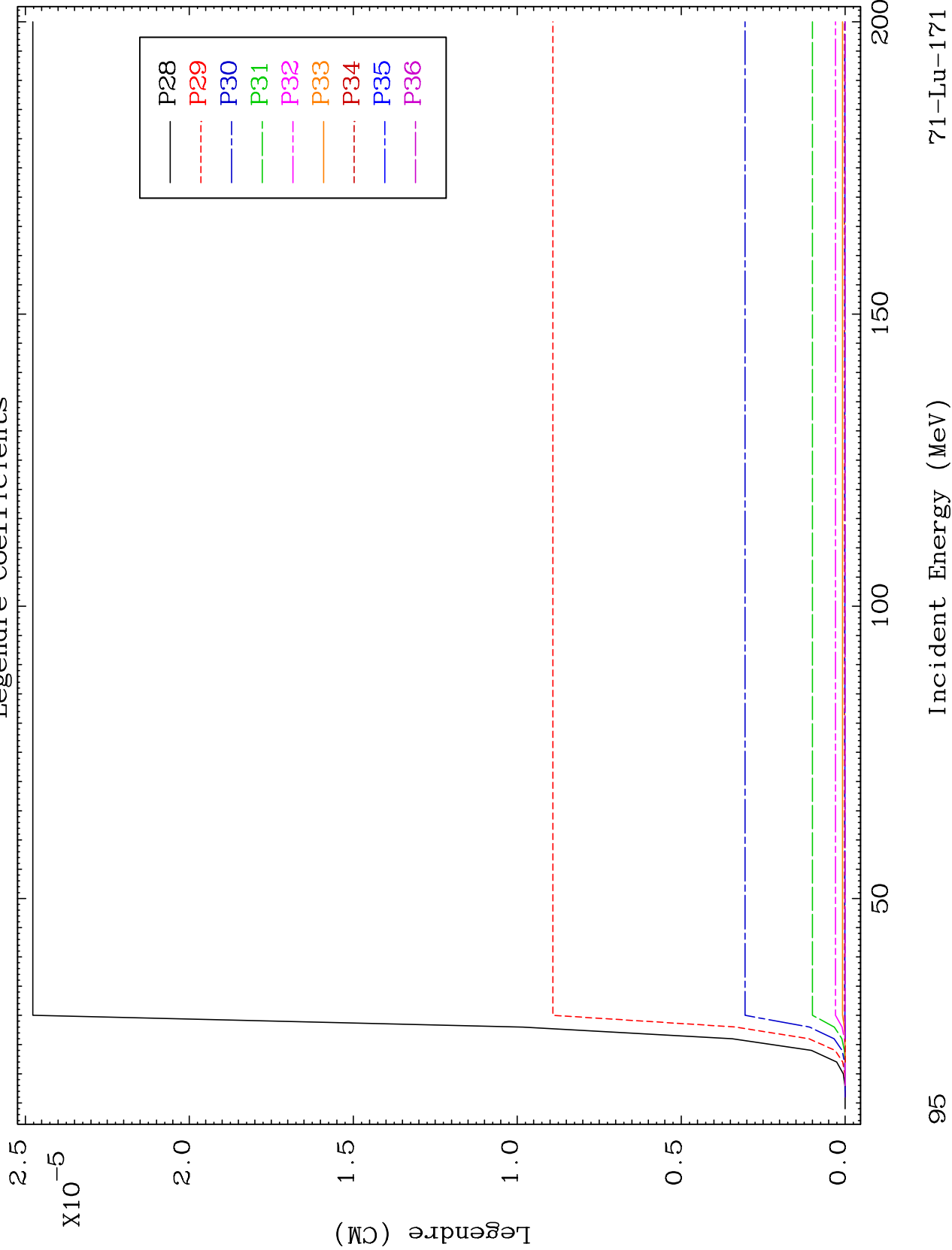




MAT 7113

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

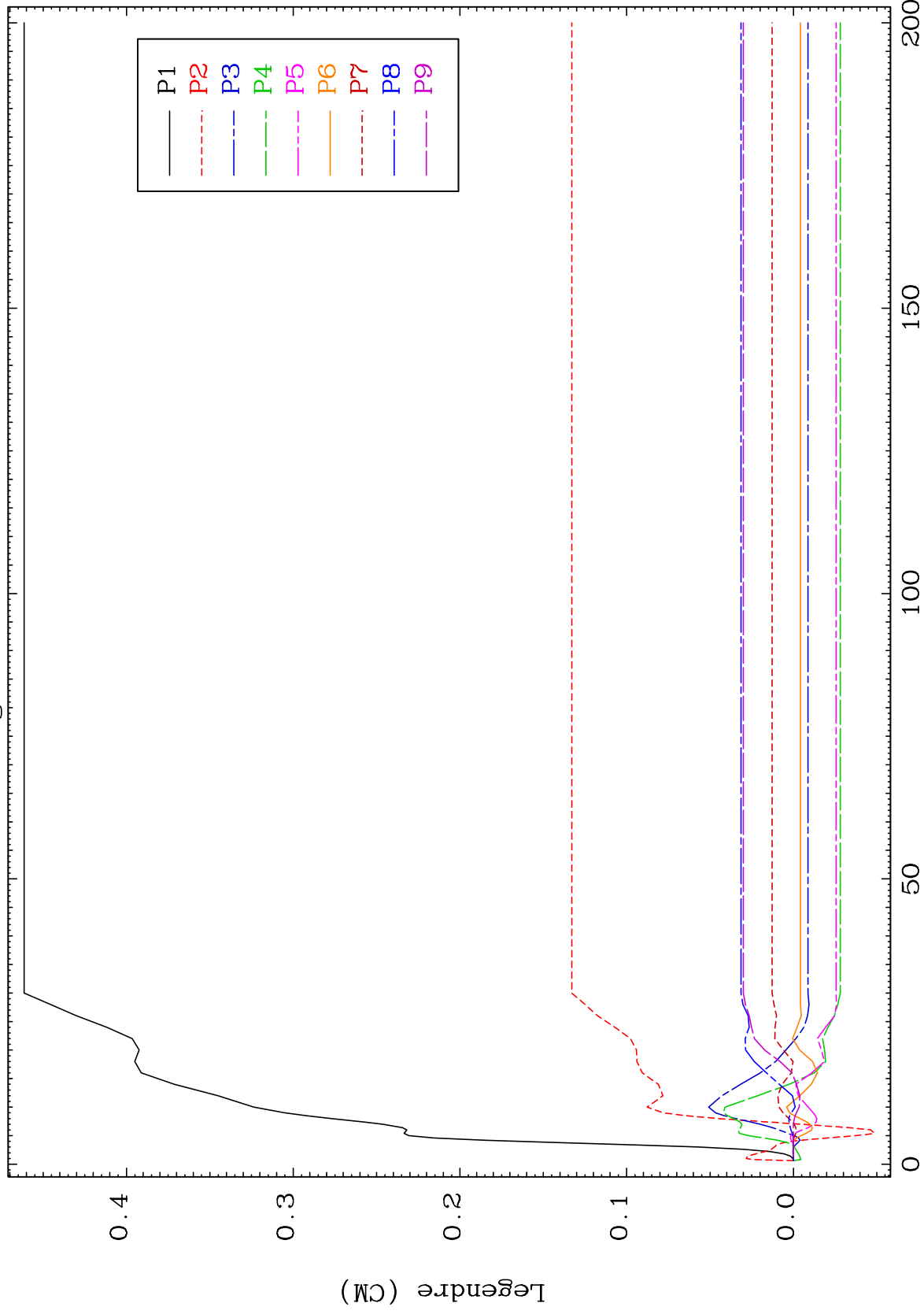
71-Lu-171



MAT 7113

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

71-Lu-171



96

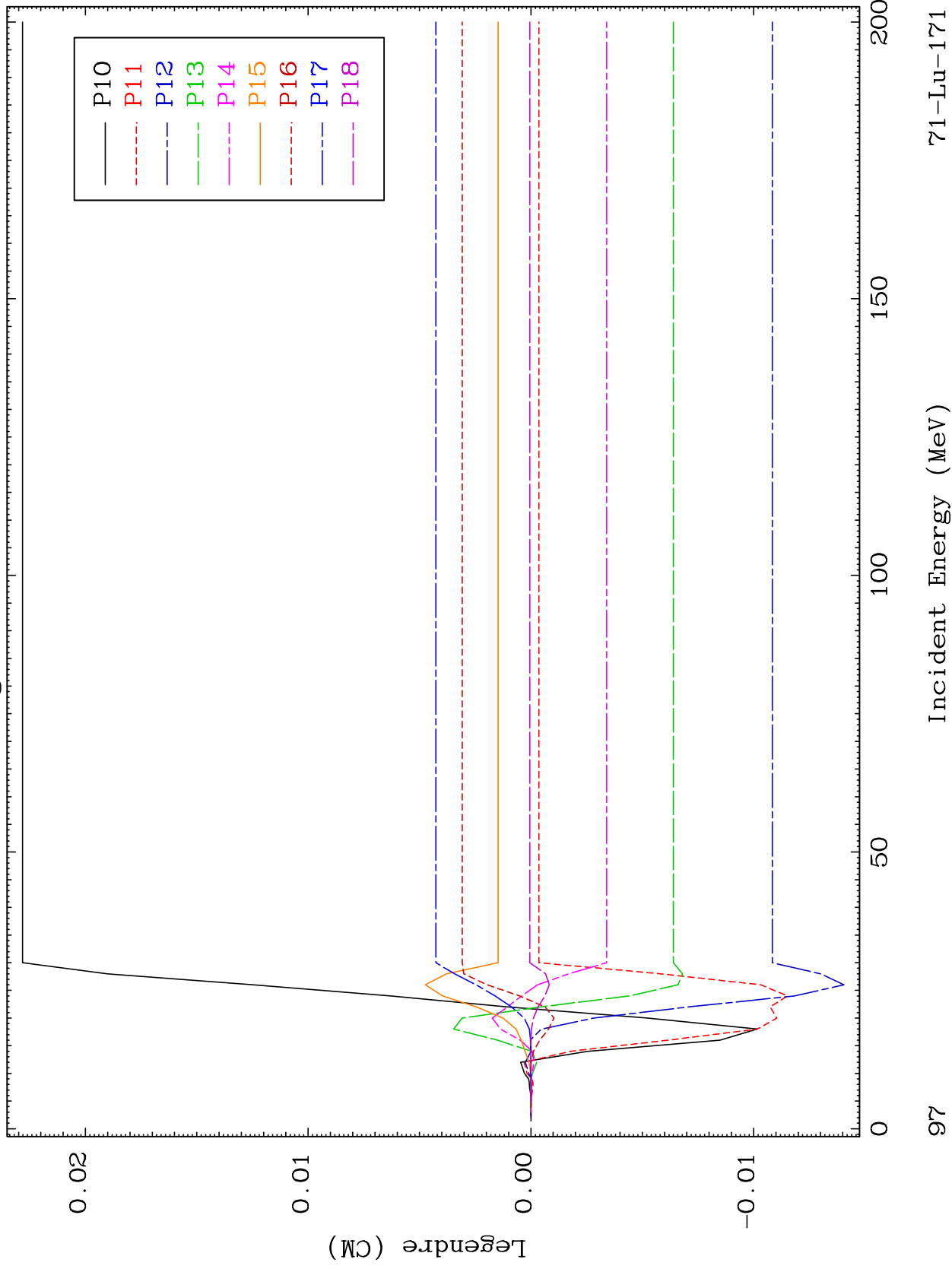
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



97

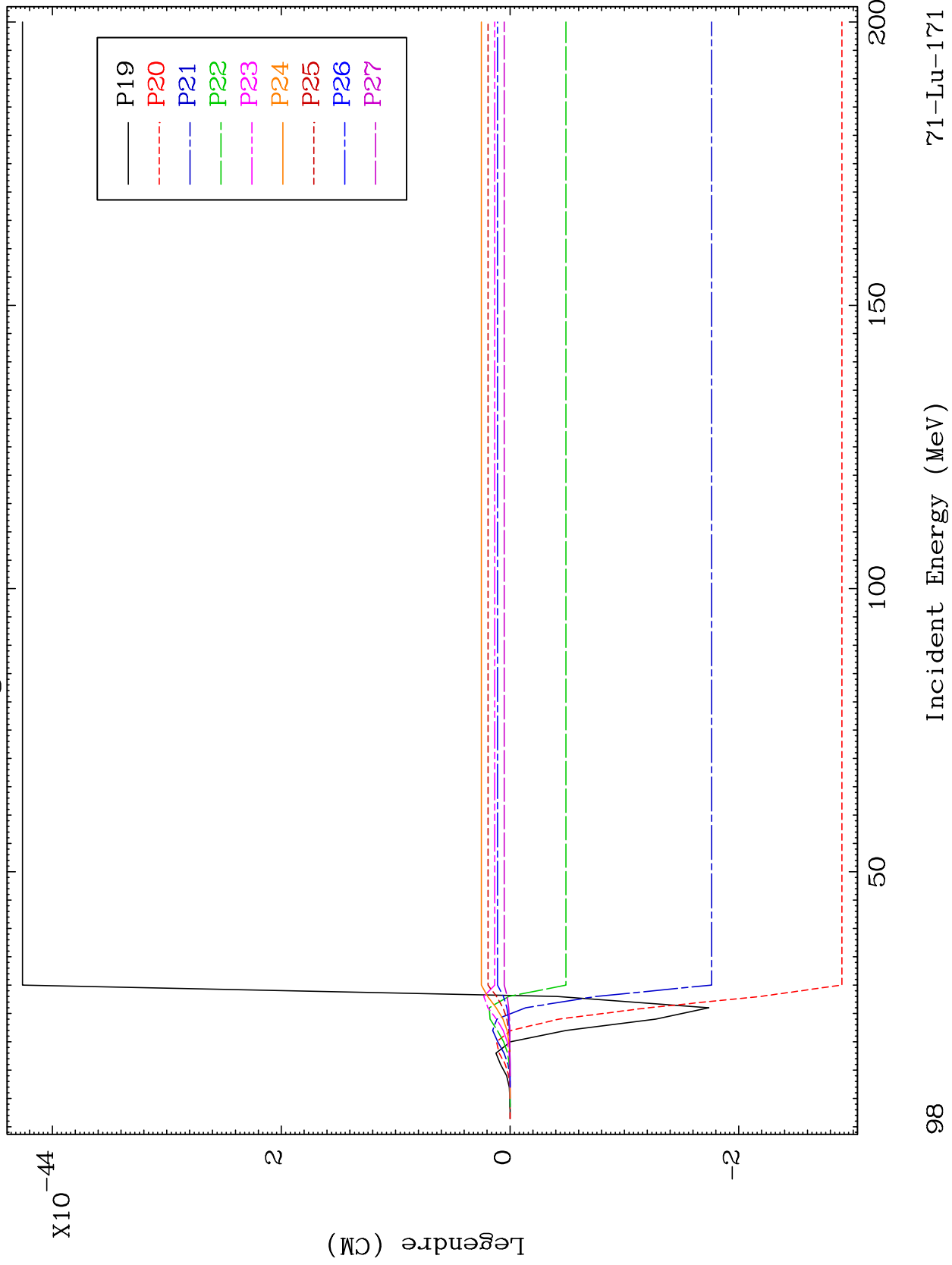
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

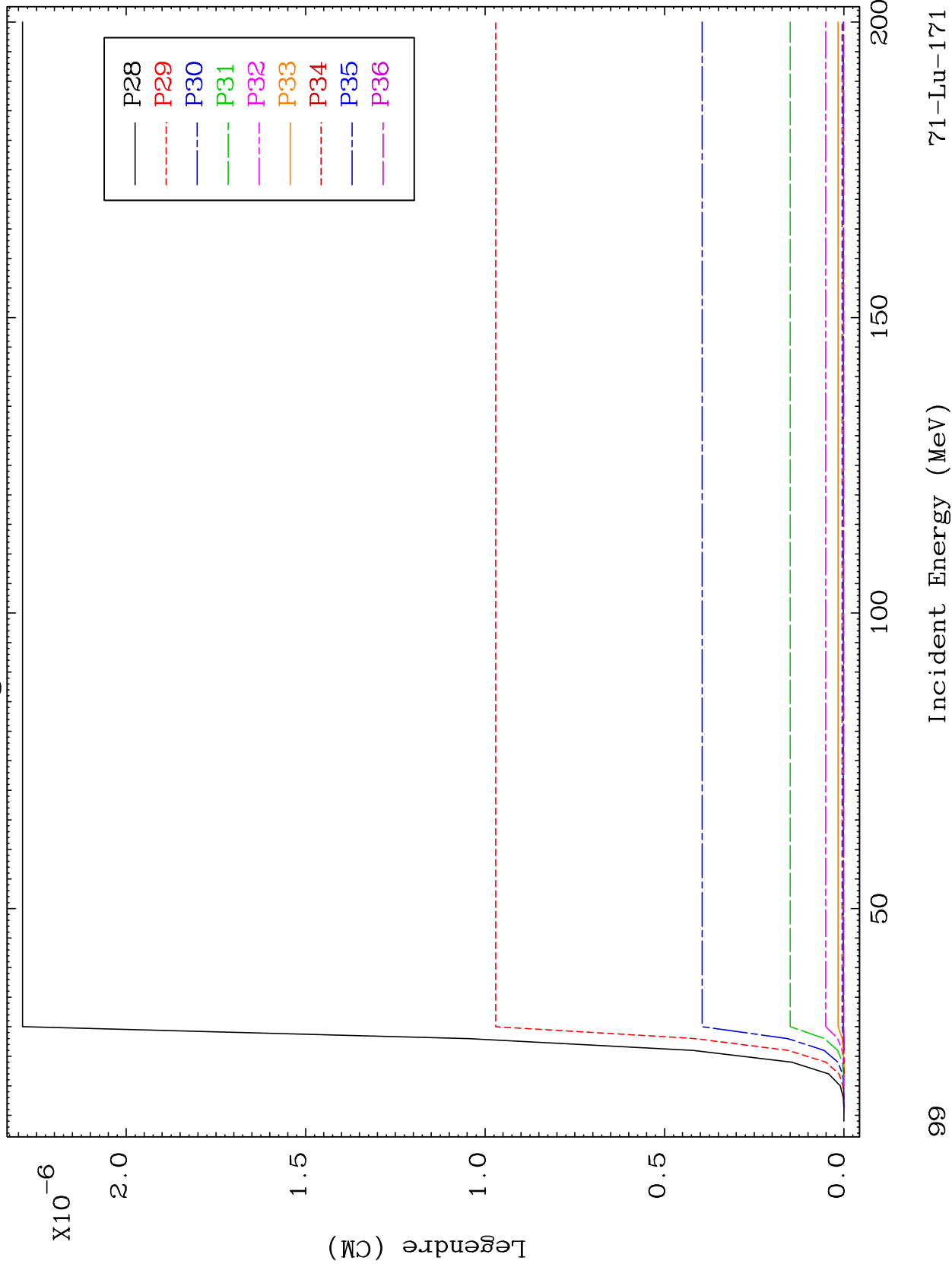
71-Lu-171



MAT 7113

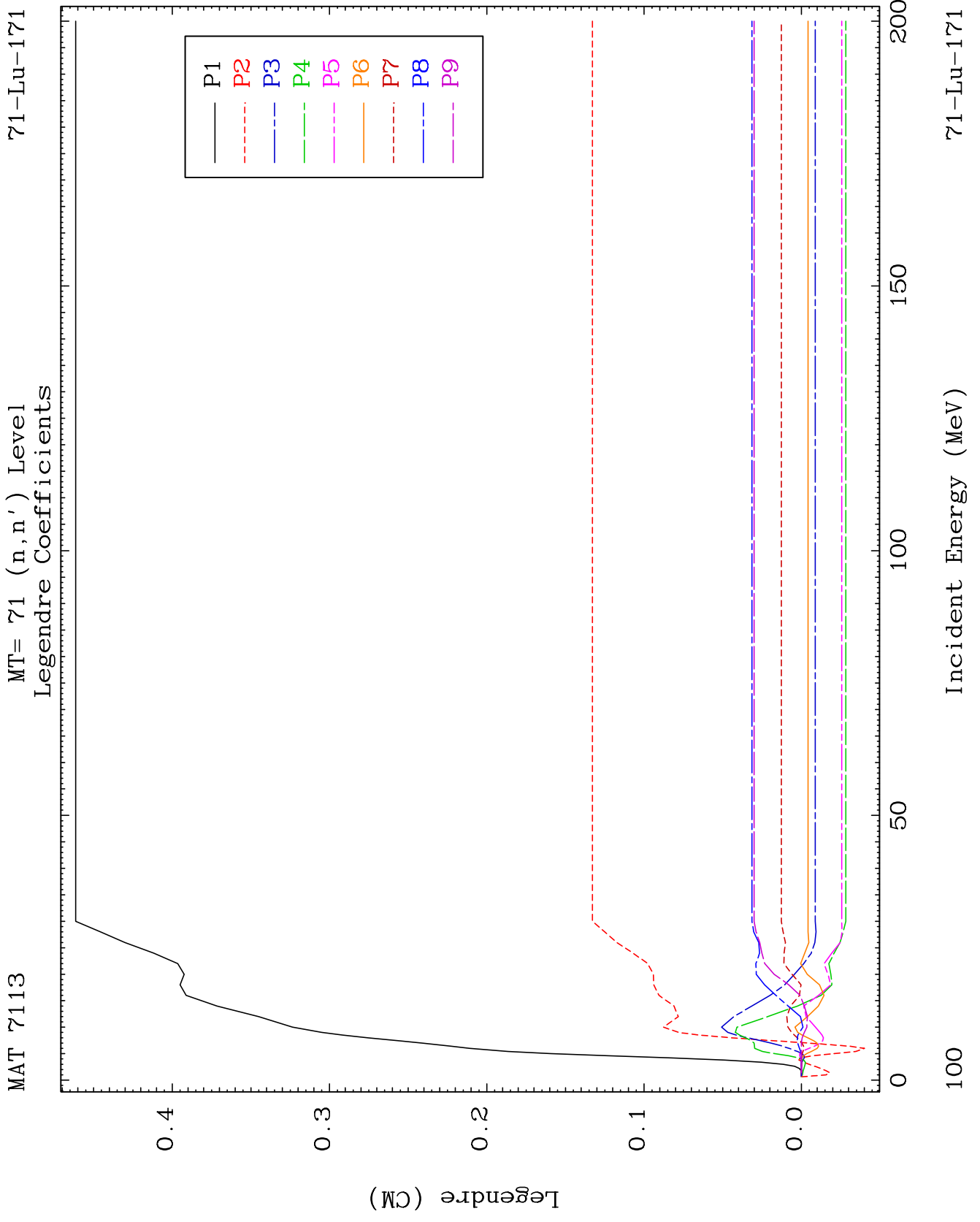
MT= 70 (n,n') Level
Legendre Coefficients

71-Lu-171



99

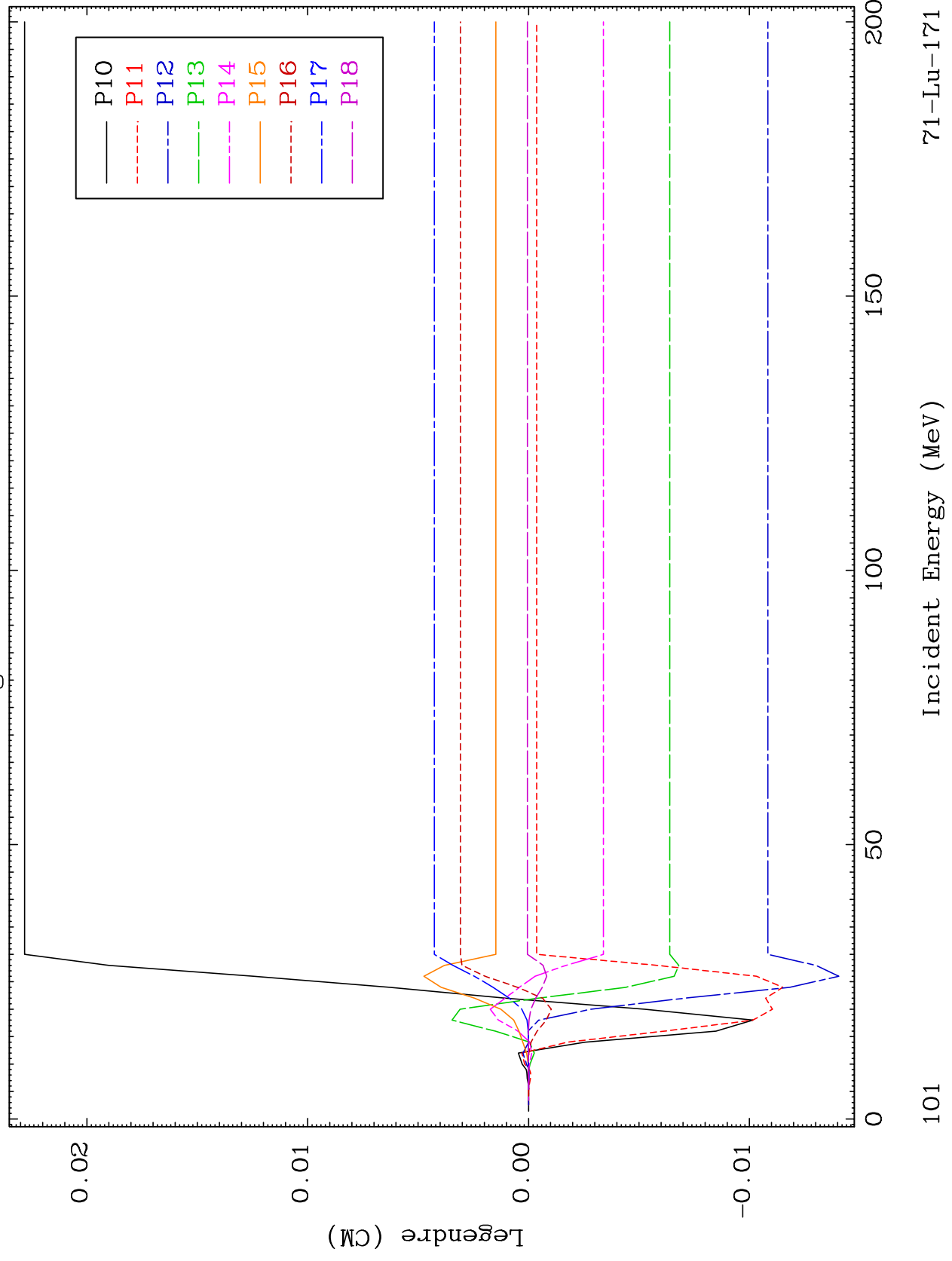
71-Lu-171



MAT 7113

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

71-Lu-171



71-Lu-171

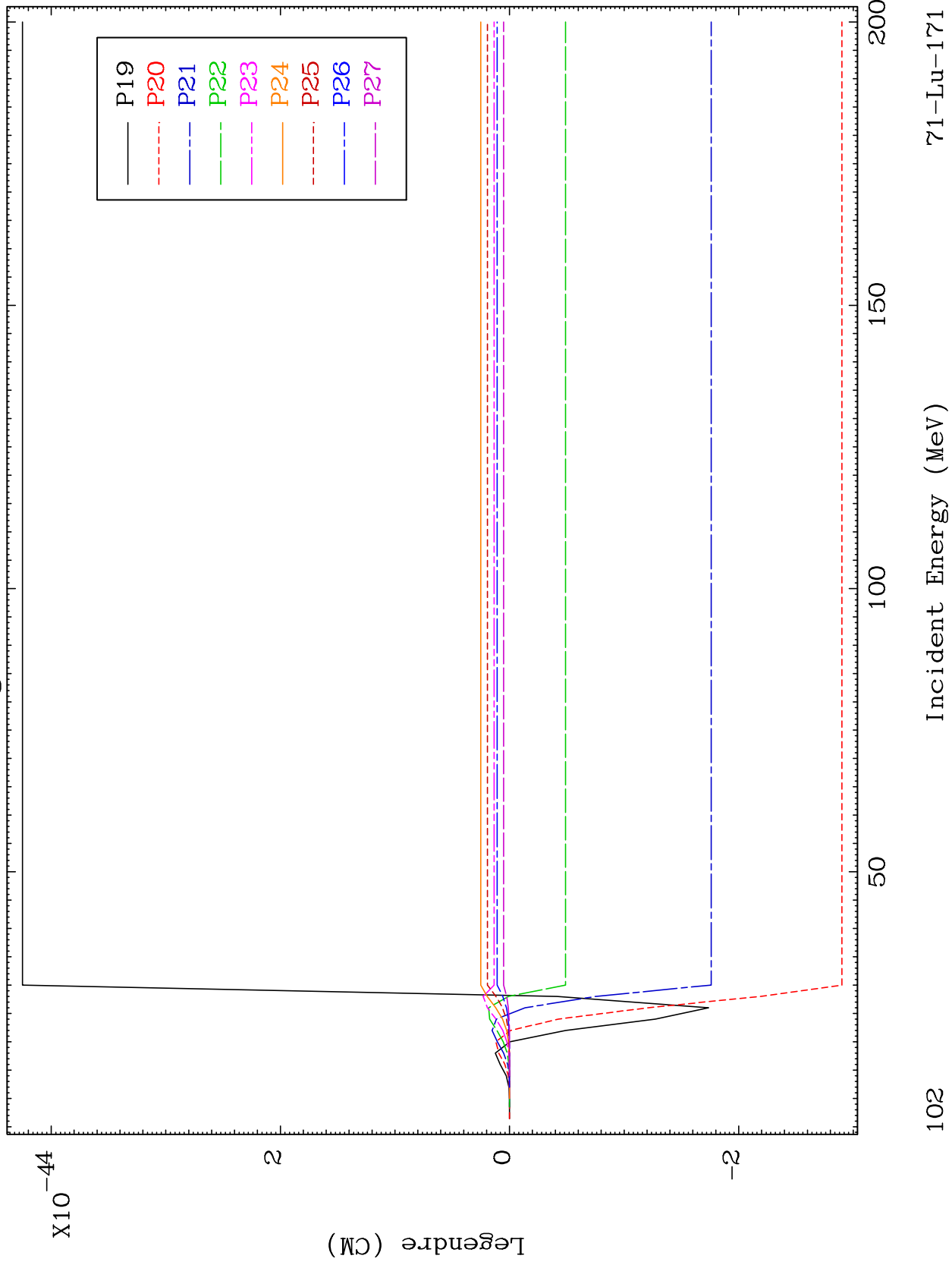
Incident Energy (MeV)

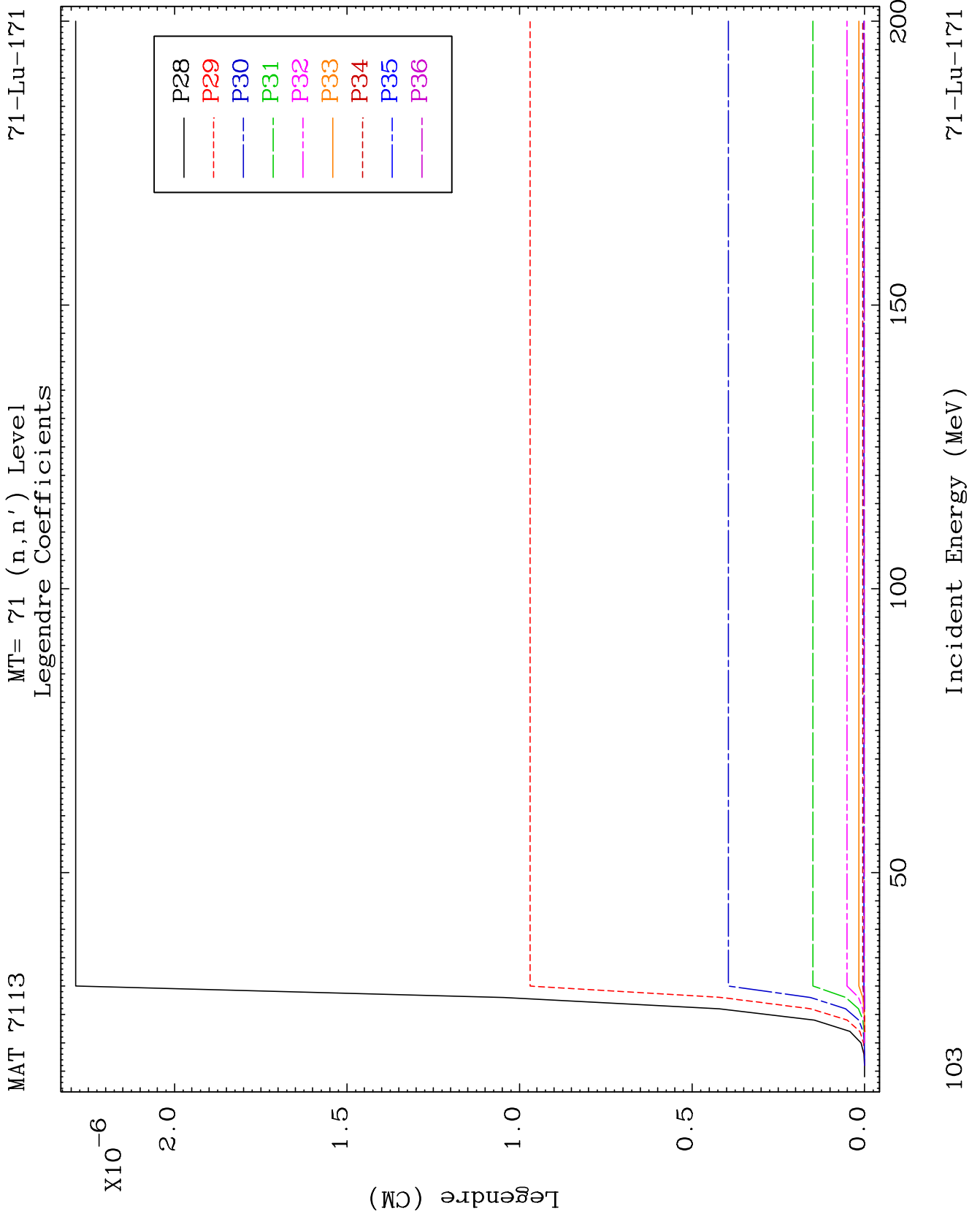
101

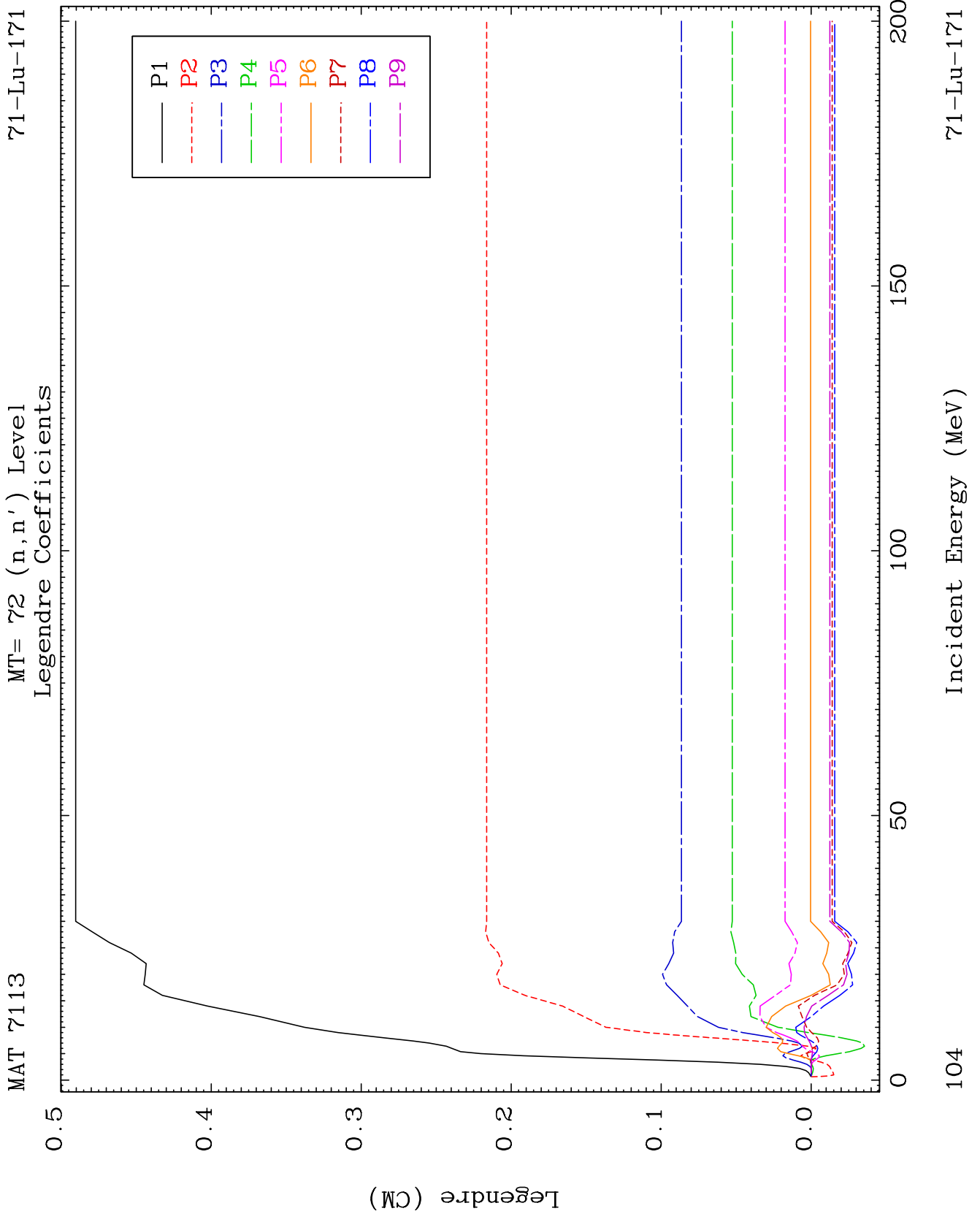
MAT 7113

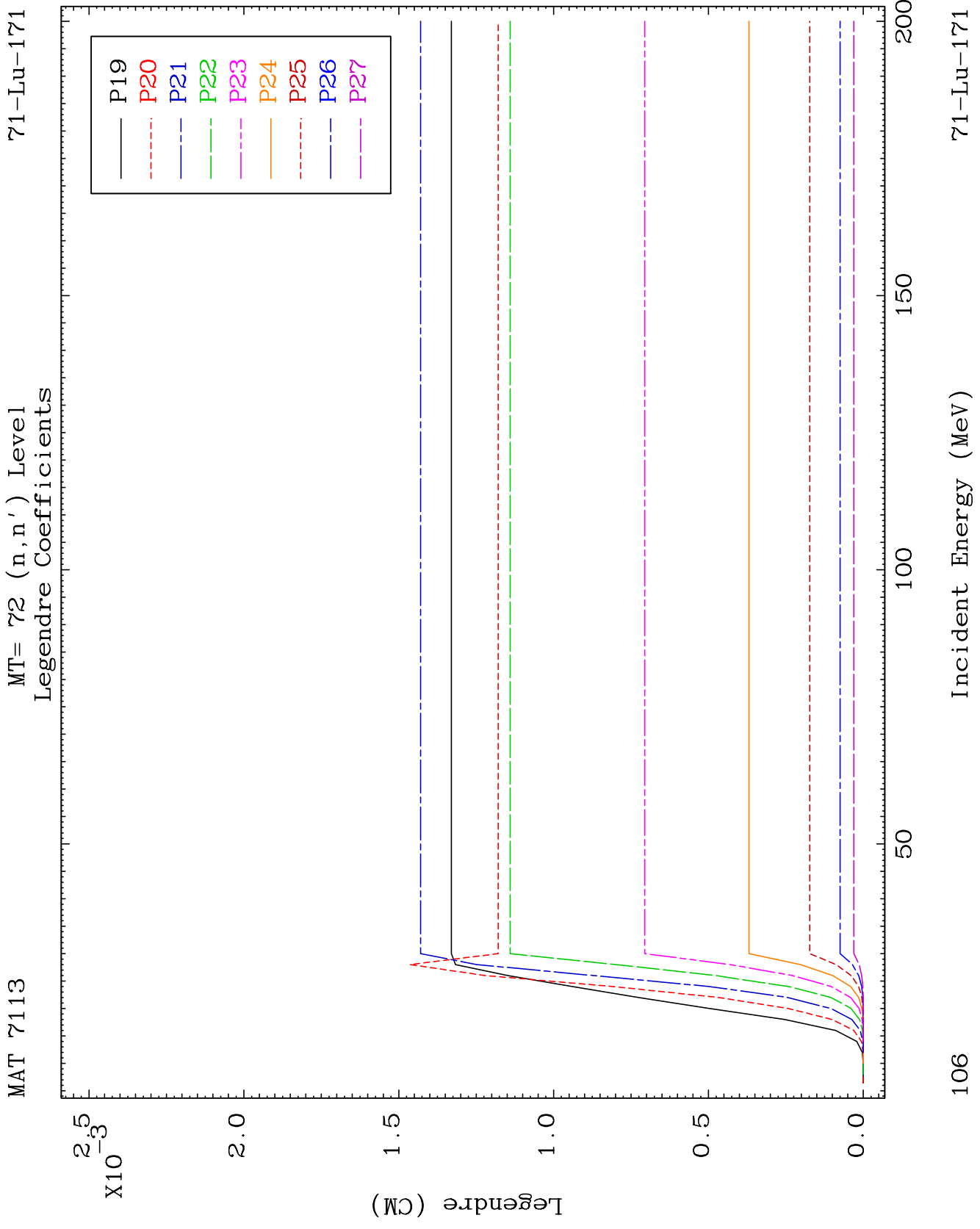
MT= 71 (n,n') Level
Legendre Coefficients

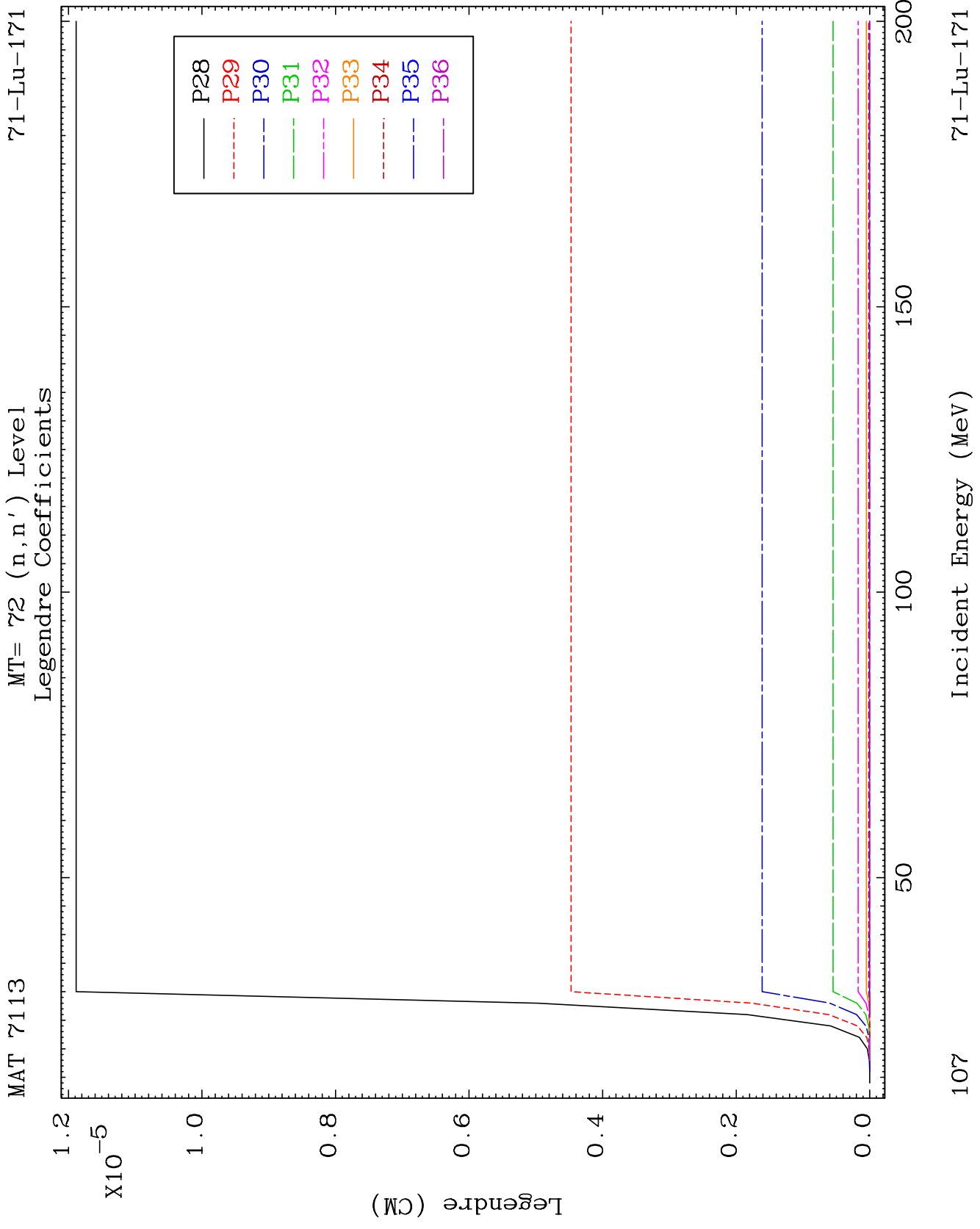
71-Lu-171

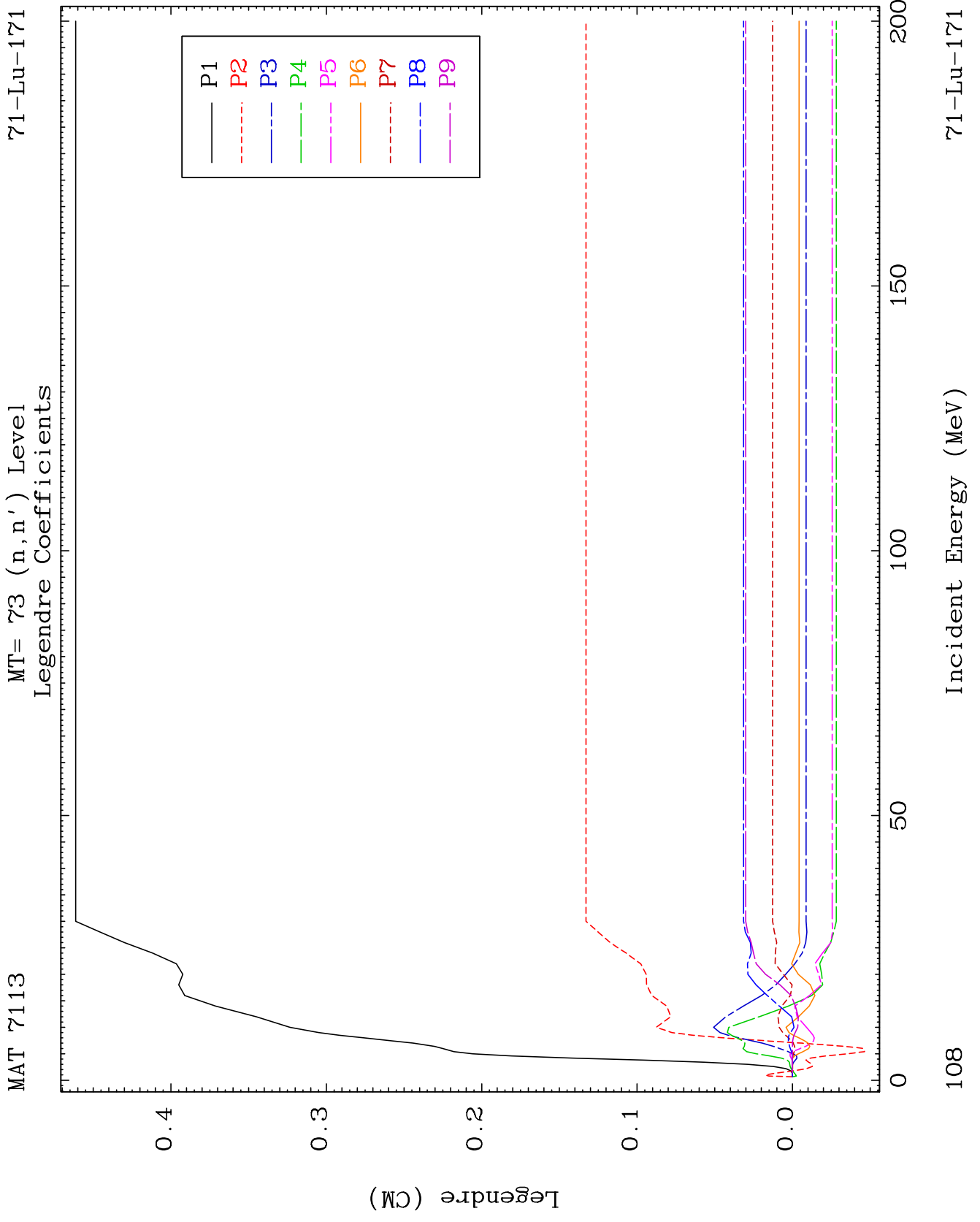








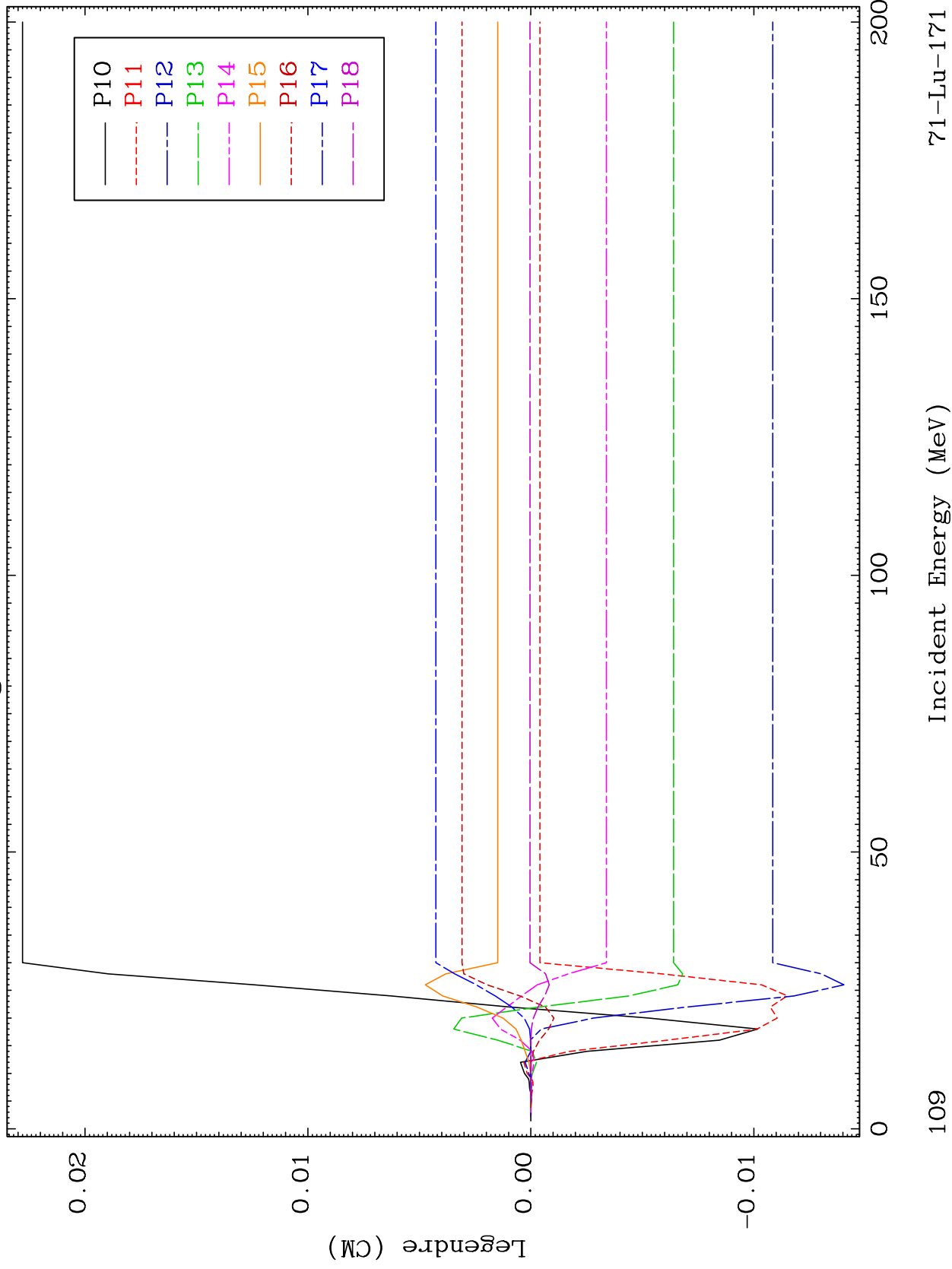




MAT 7113

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

71-Lu-171



71-Lu-171

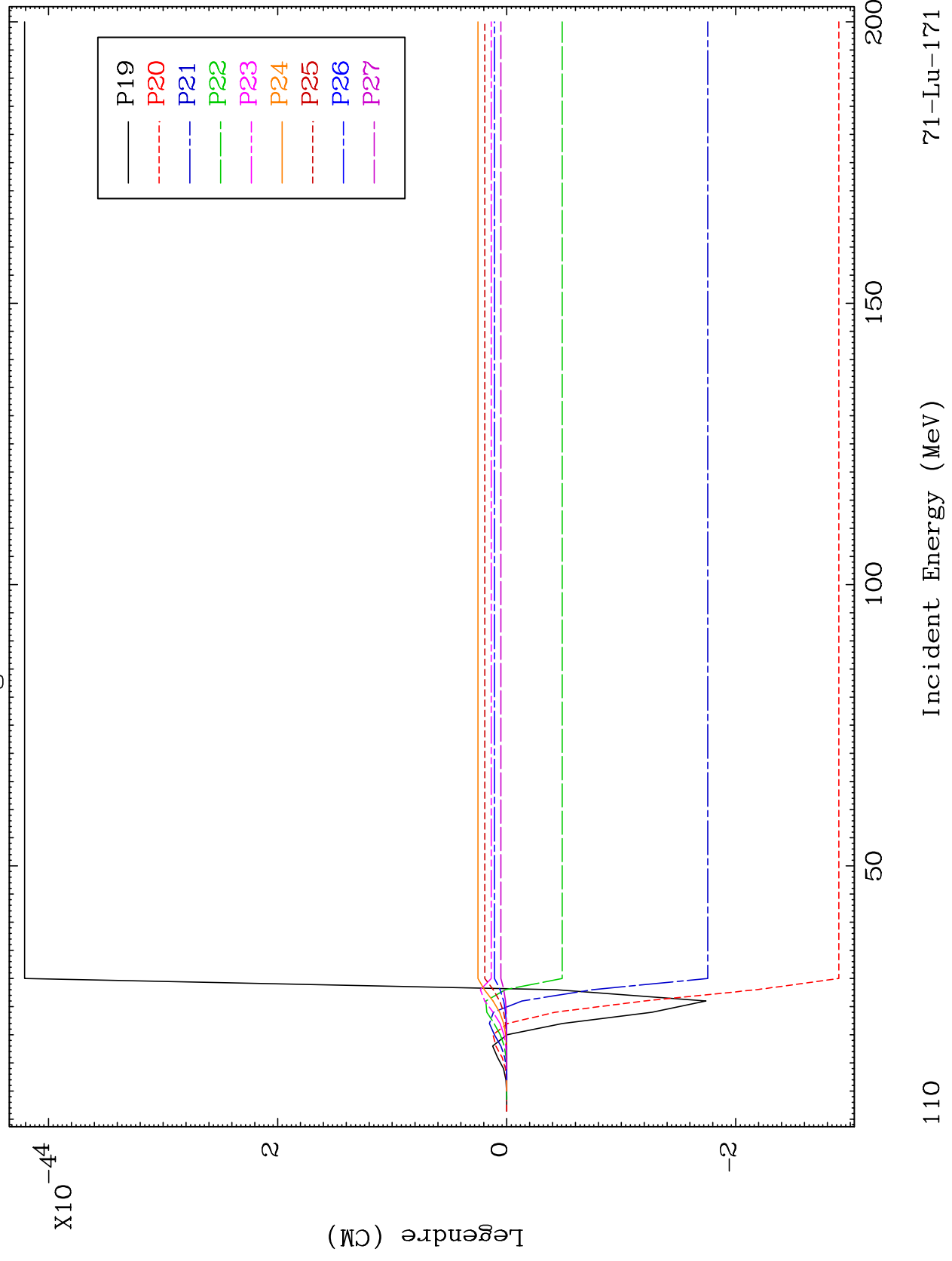
Incident Energy (MeV)

109

MAT 7113

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

71-Lu-171



110

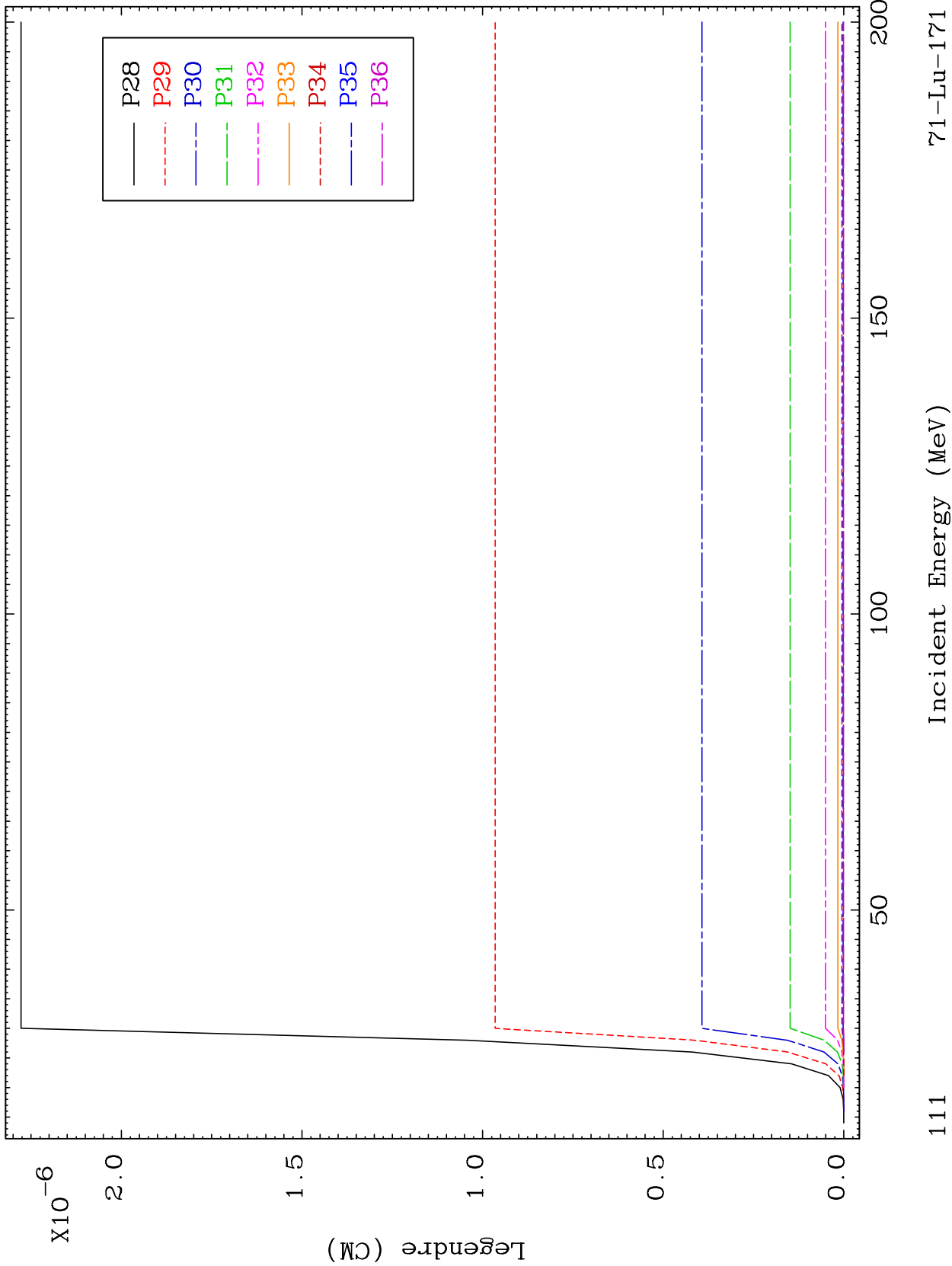
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



111

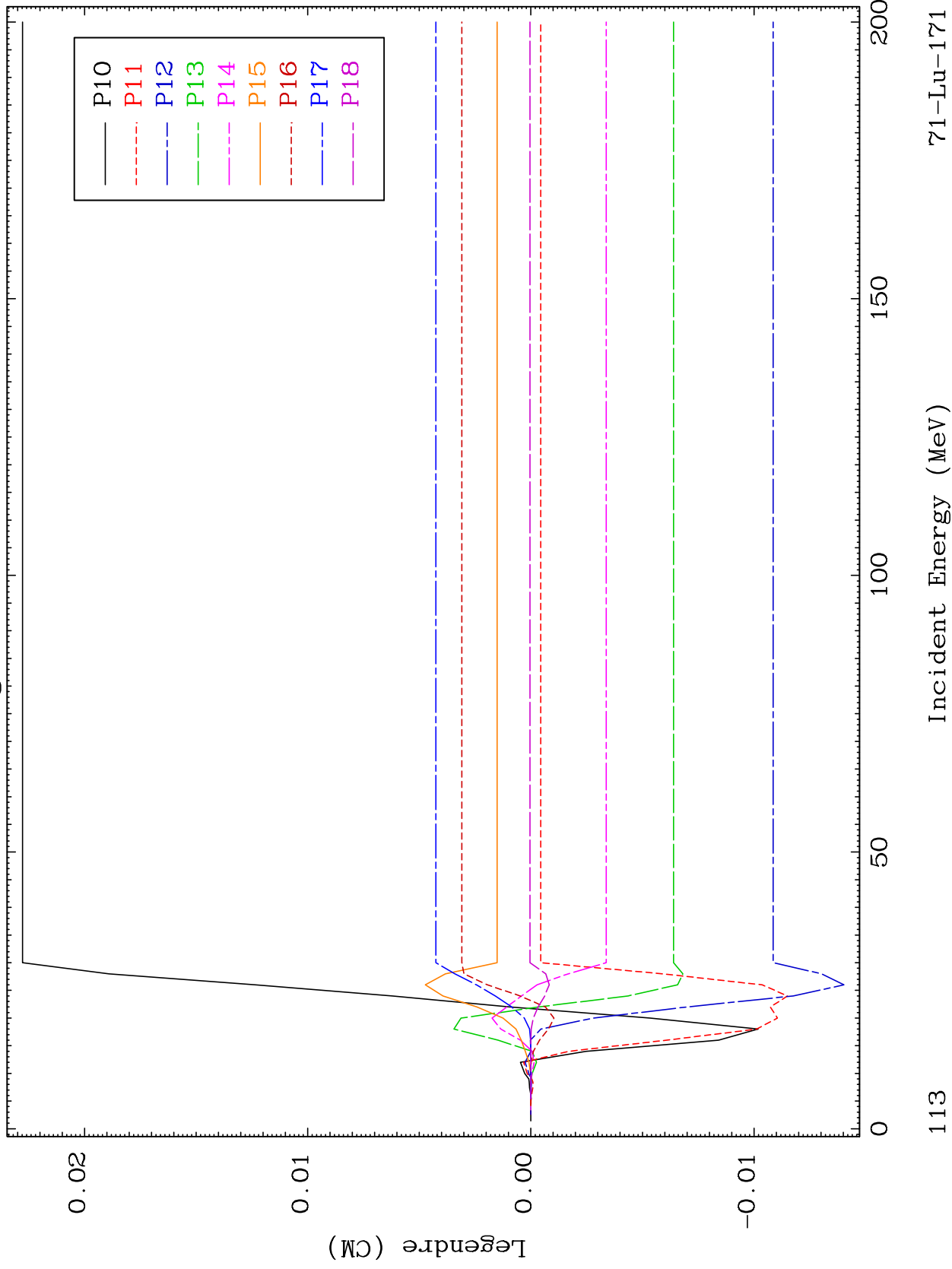
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



113

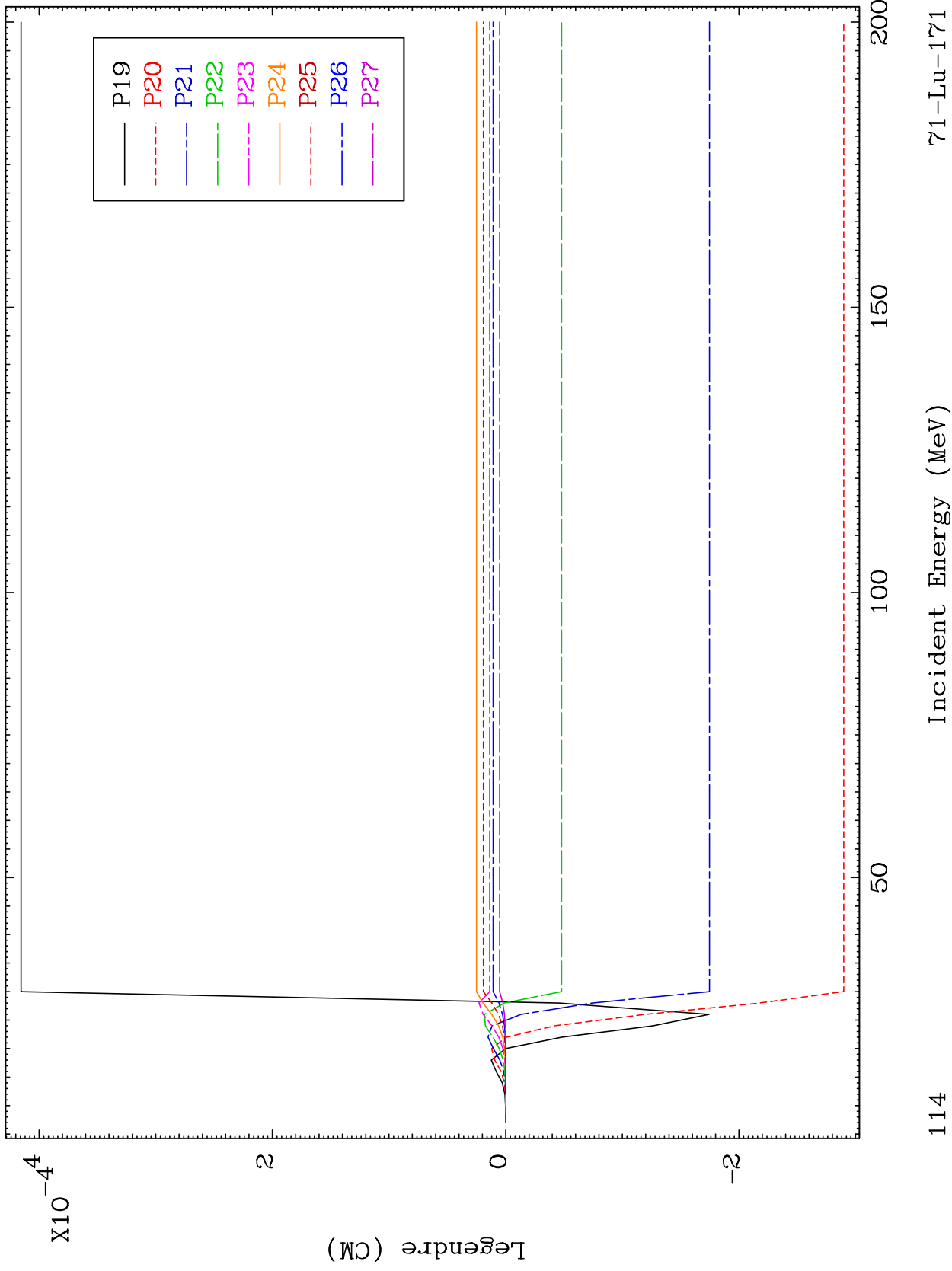
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



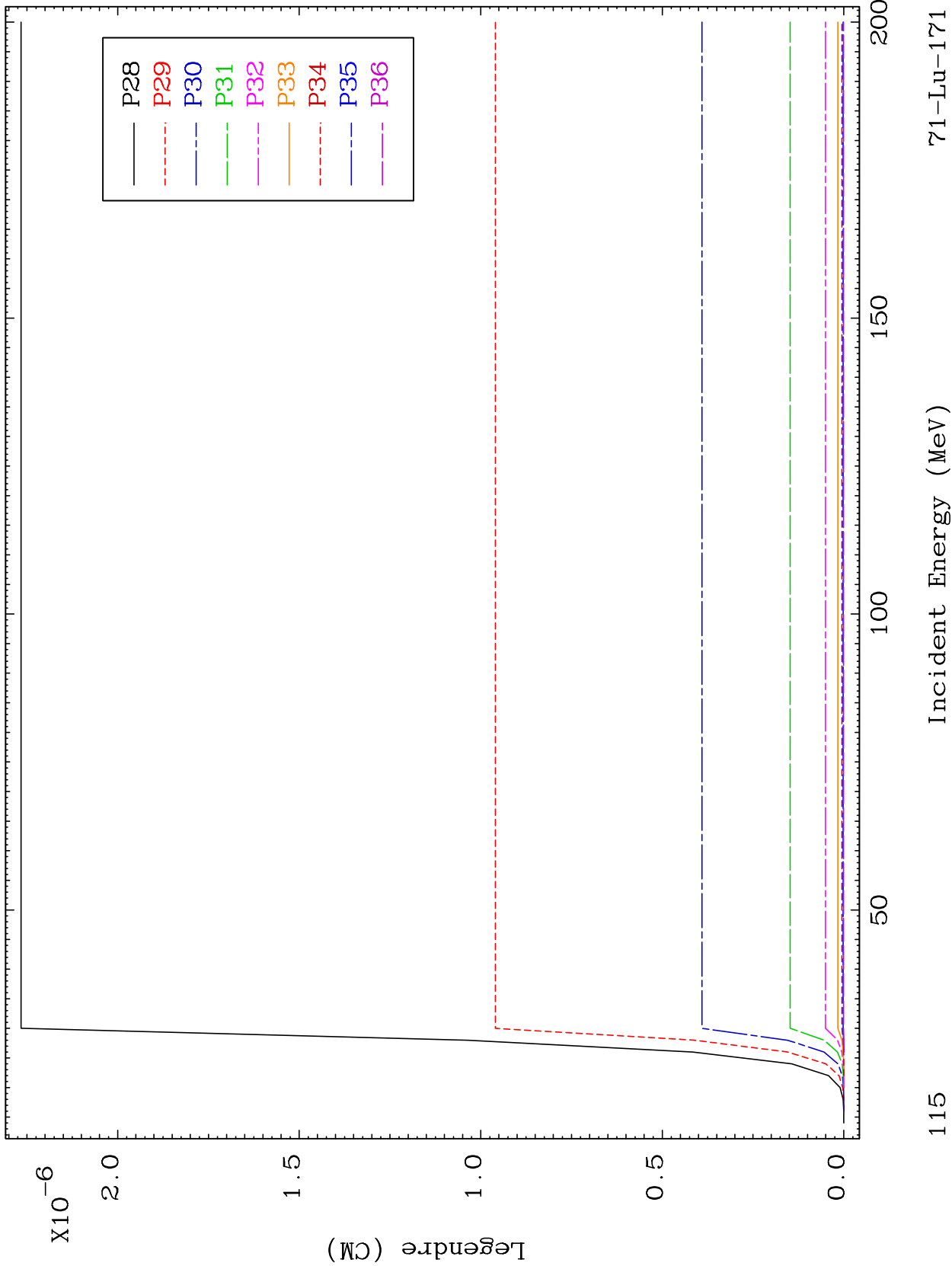
114

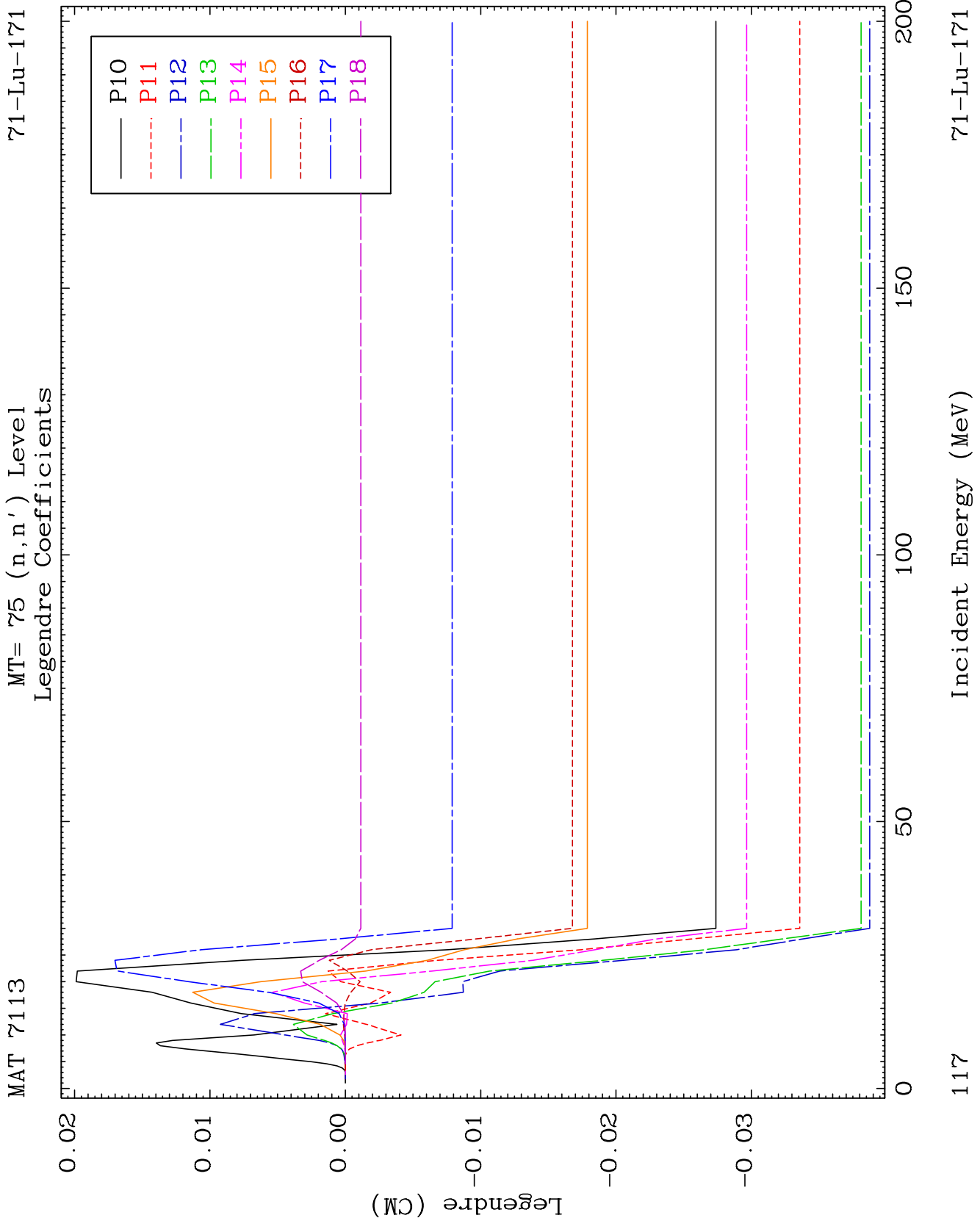
71-Lu-171

MAT 7113

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

71-Lu-171

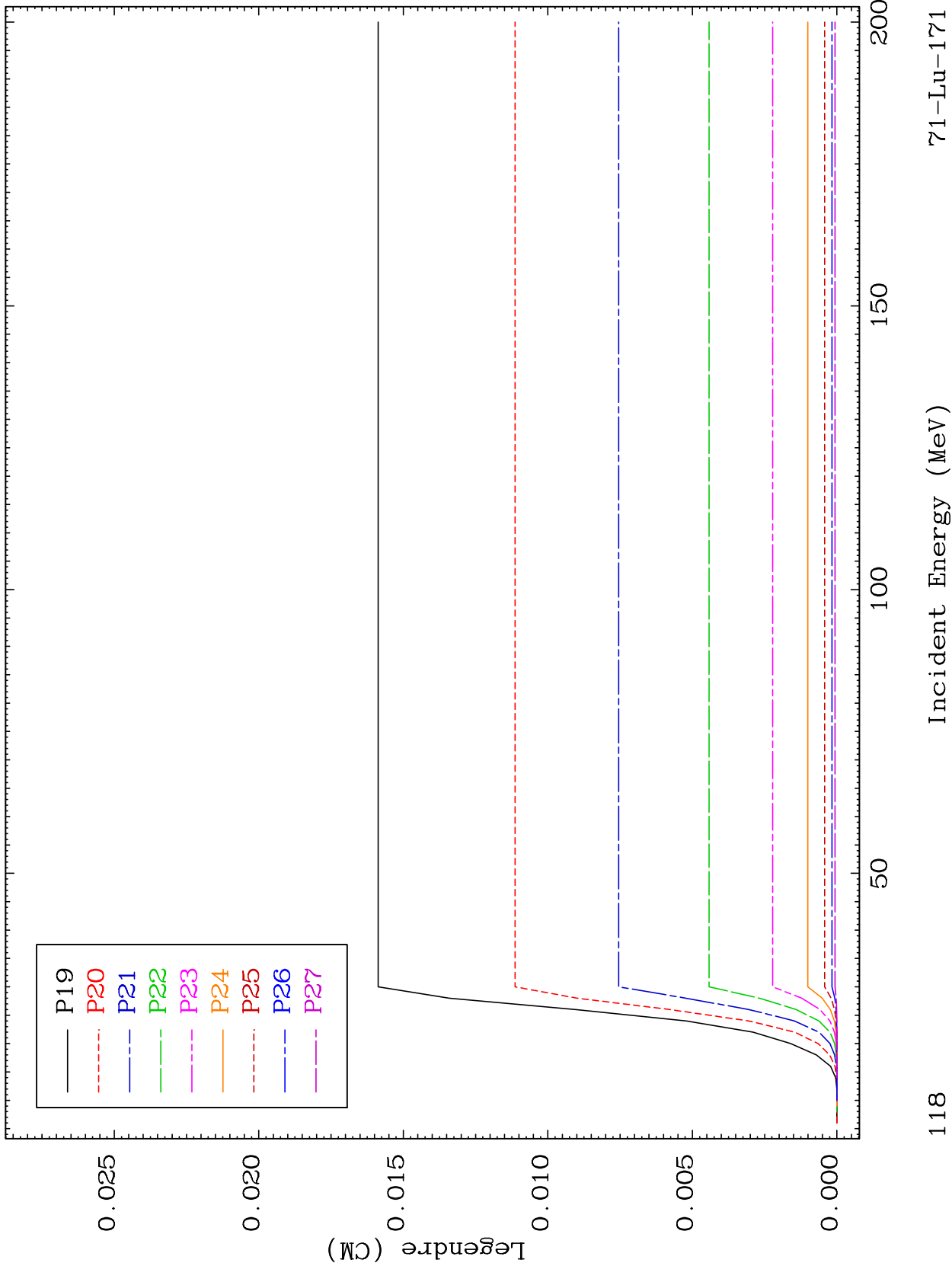




MAT 7113

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

71-Lu-171



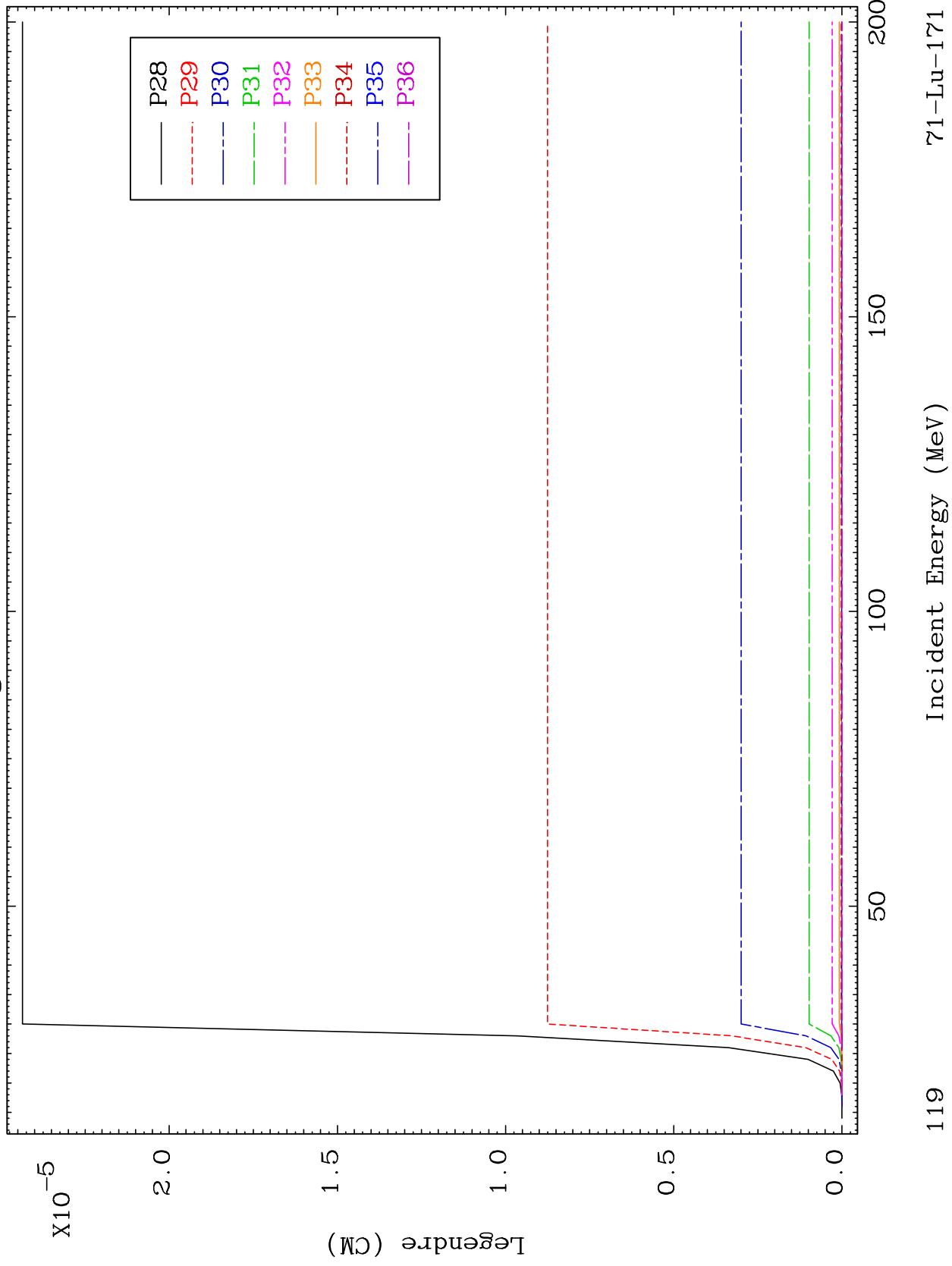
118

71-Lu-171

MAT 7113

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

71-Lu-171

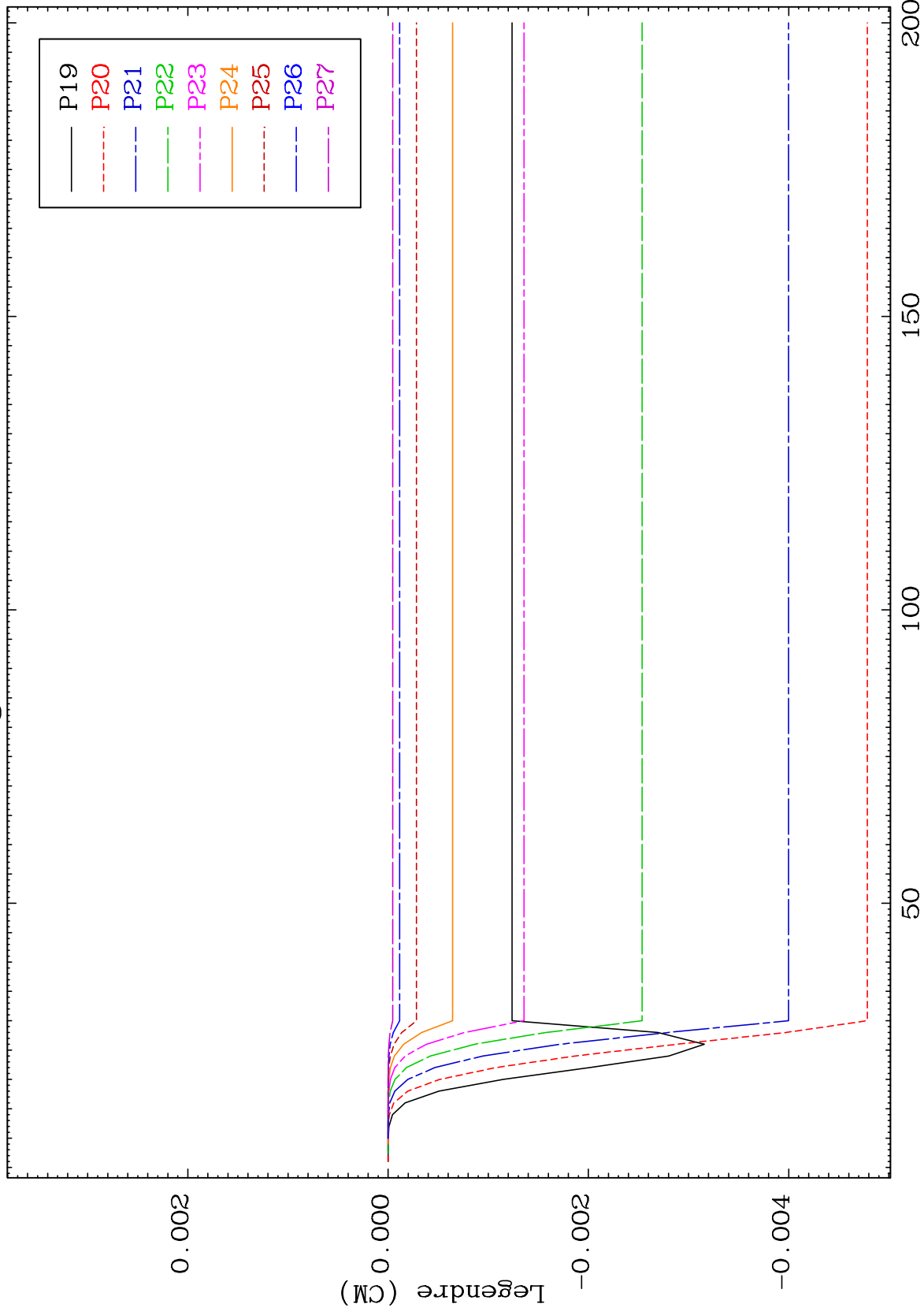


119

MAT 7113

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

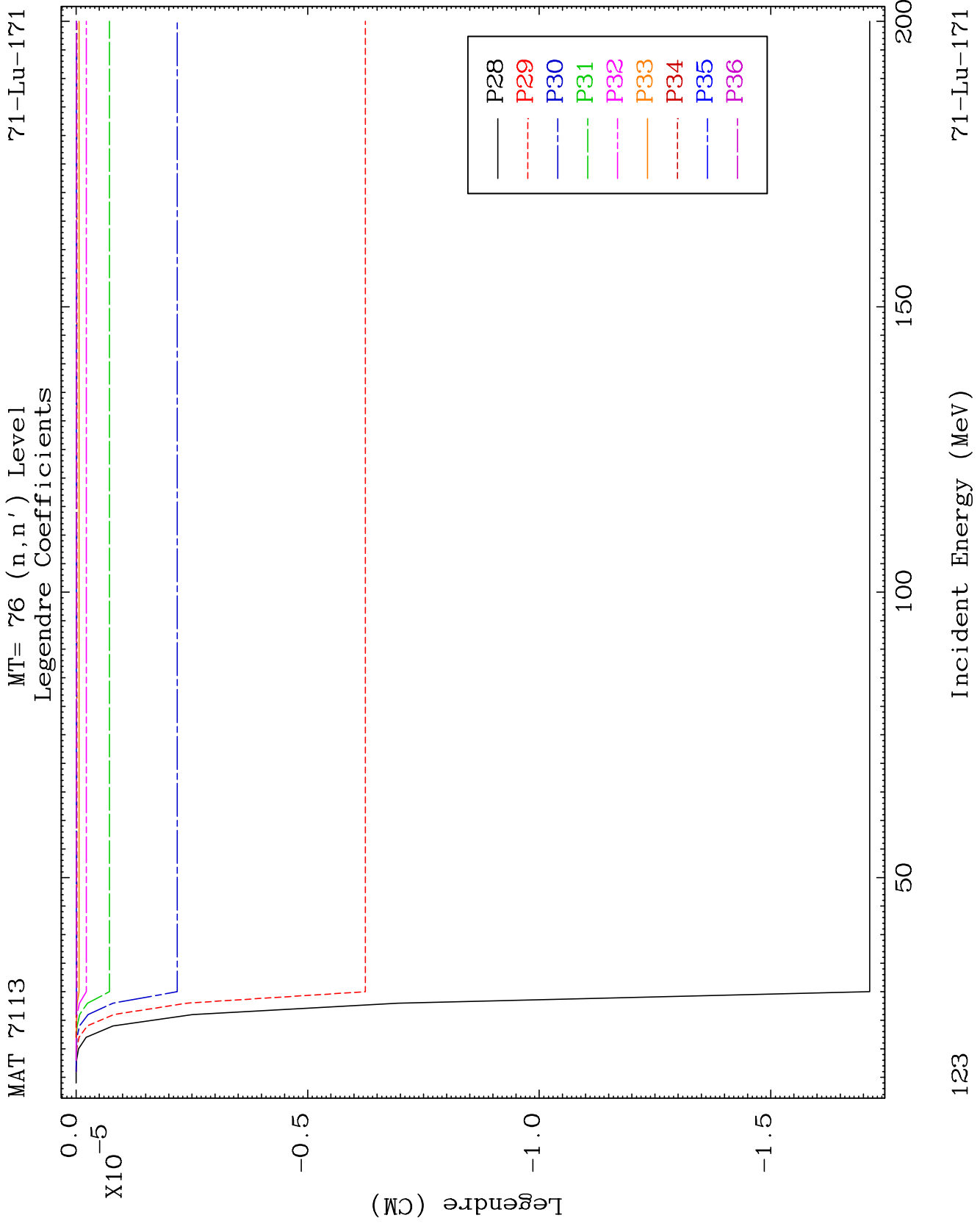
71-Lu-171

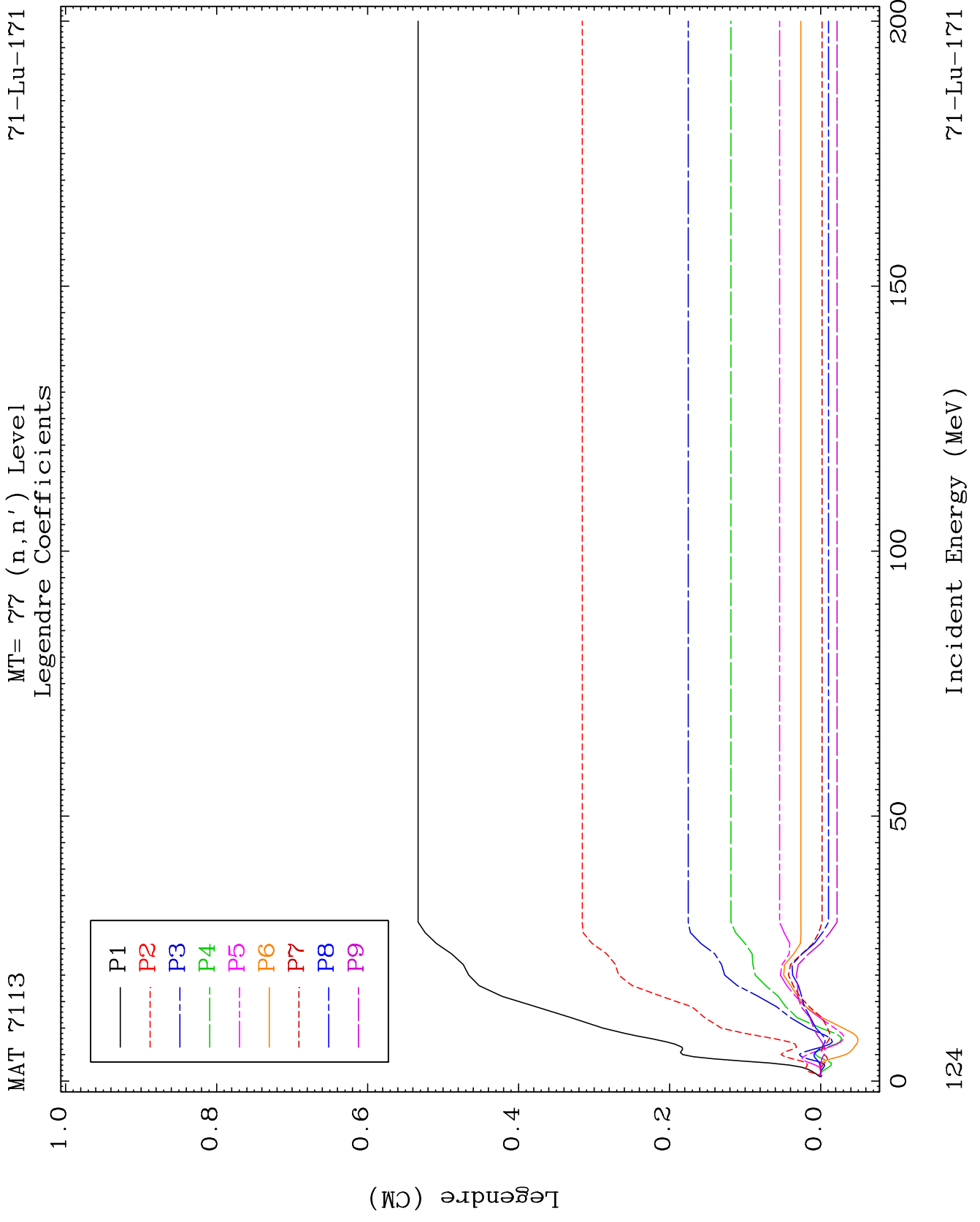


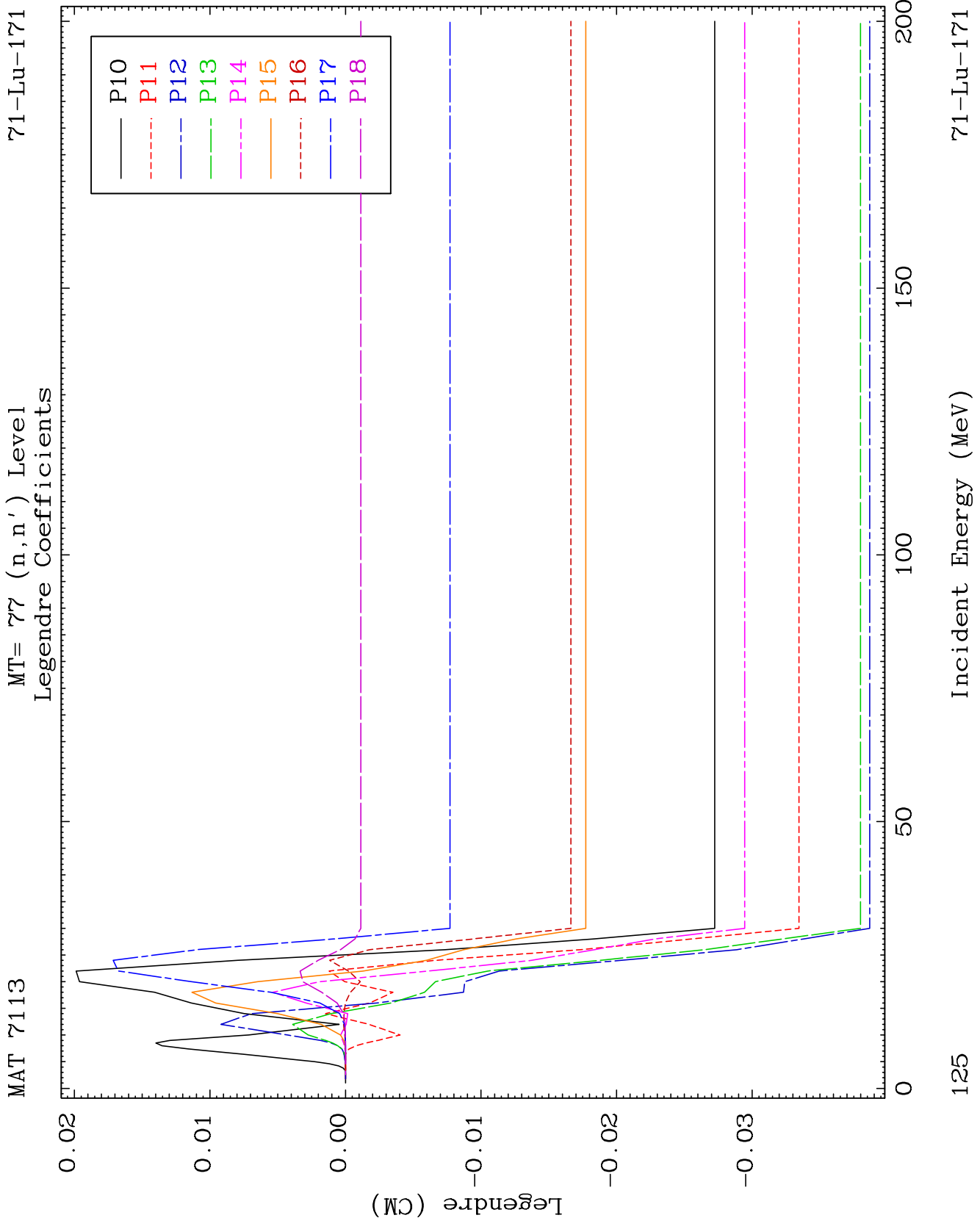
122

Incident Energy (MeV)

71-Lu-171



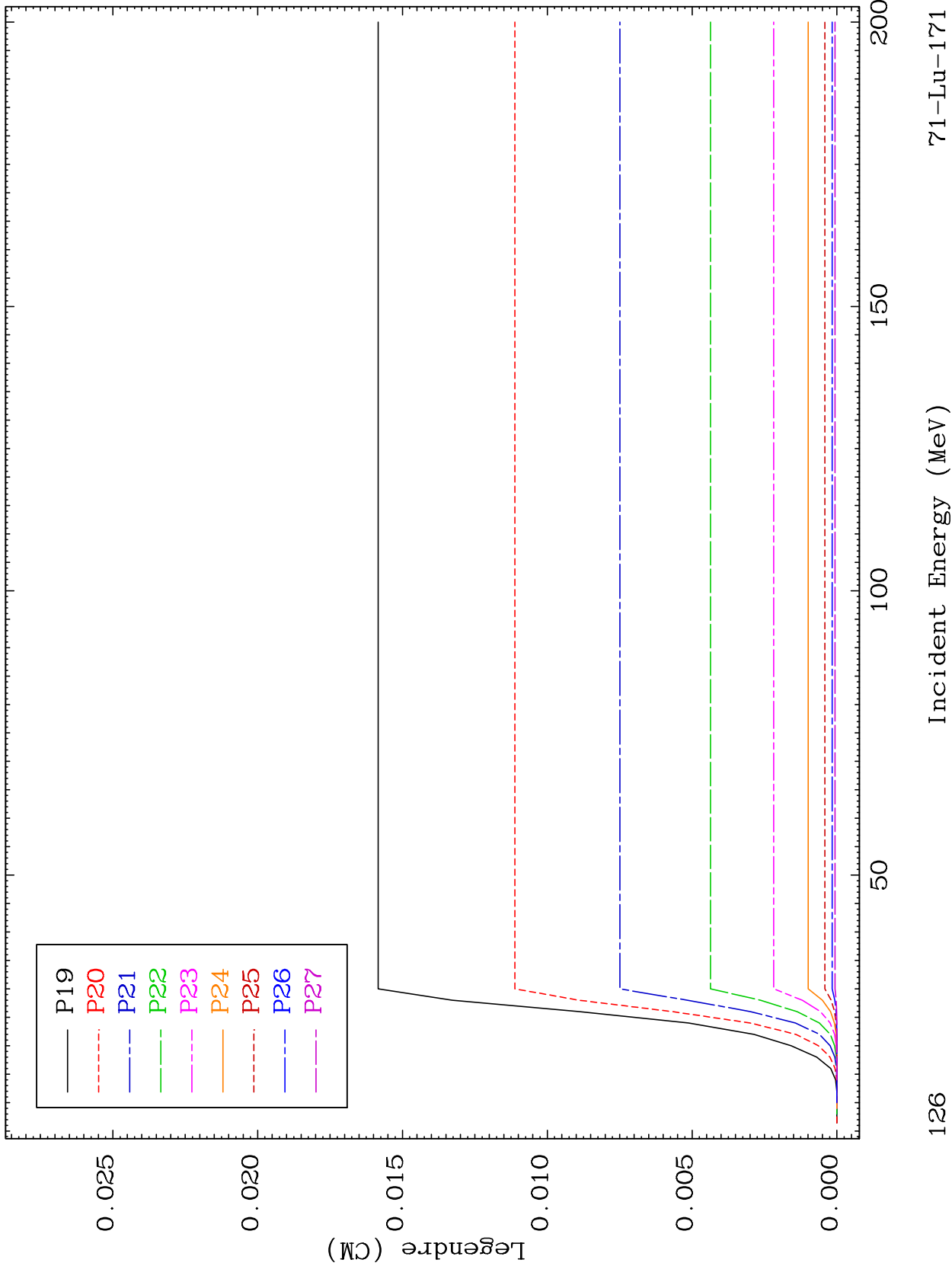




MAT 7113

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

71-Lu-171



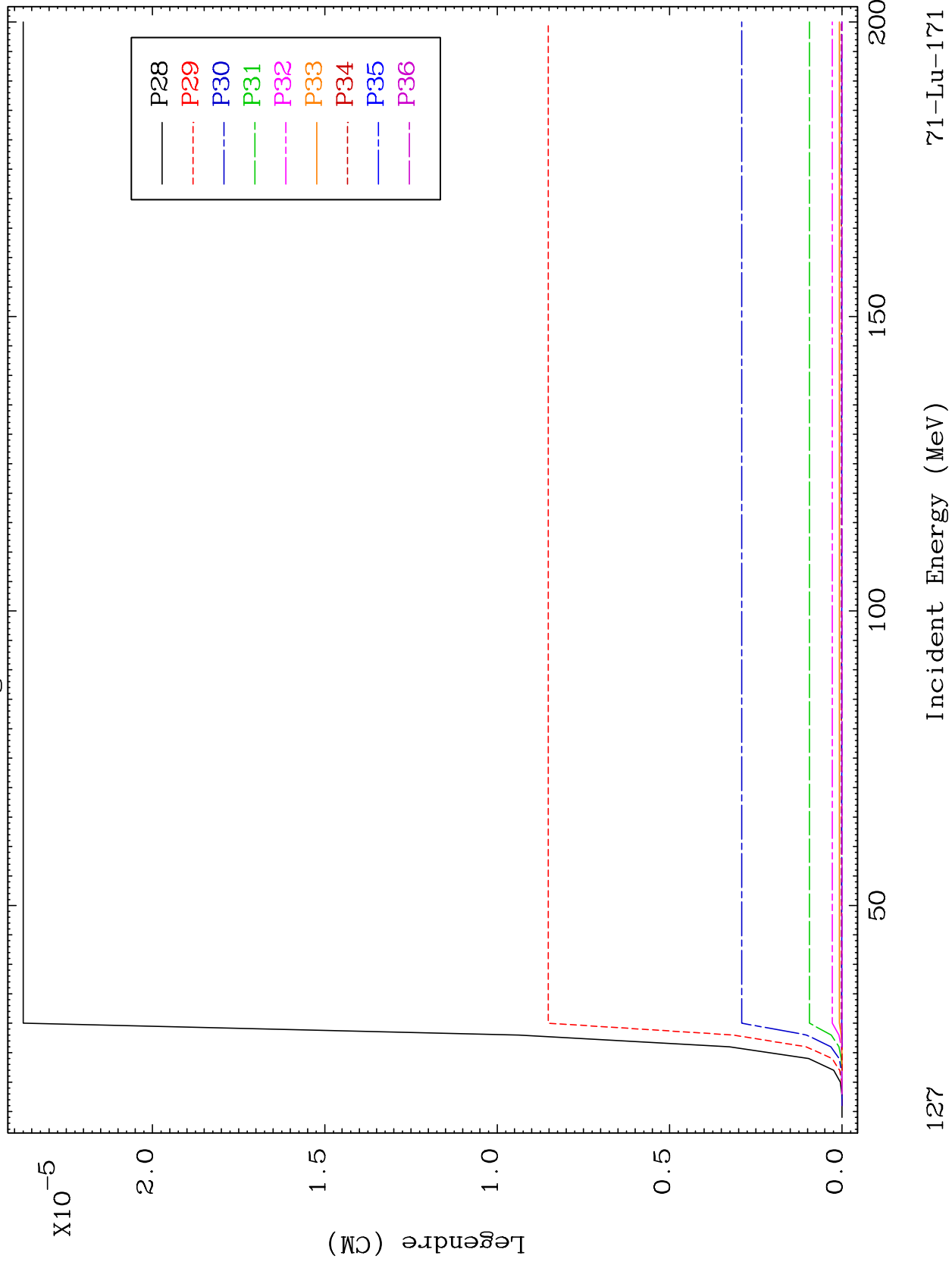
126

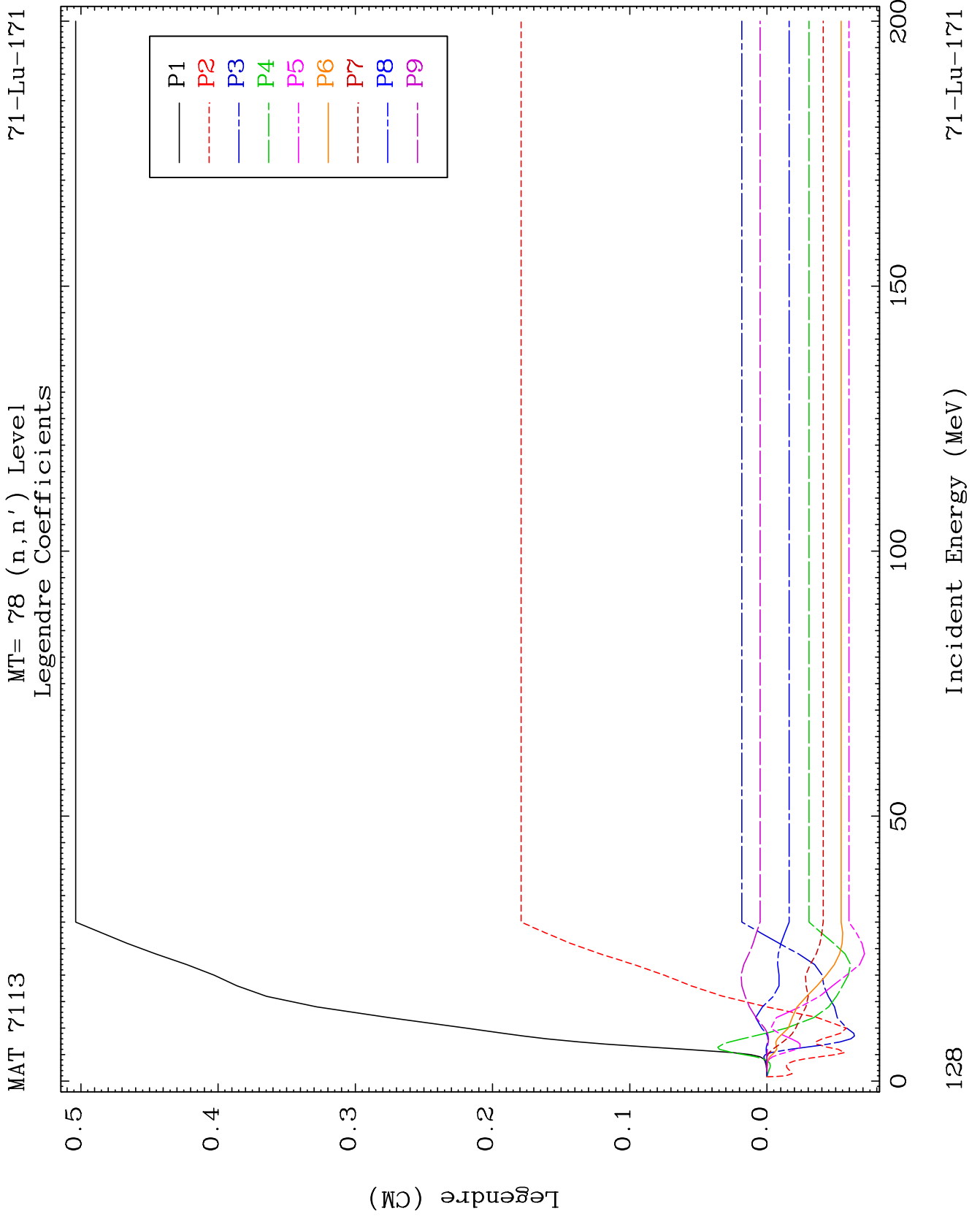
71-Lu-171

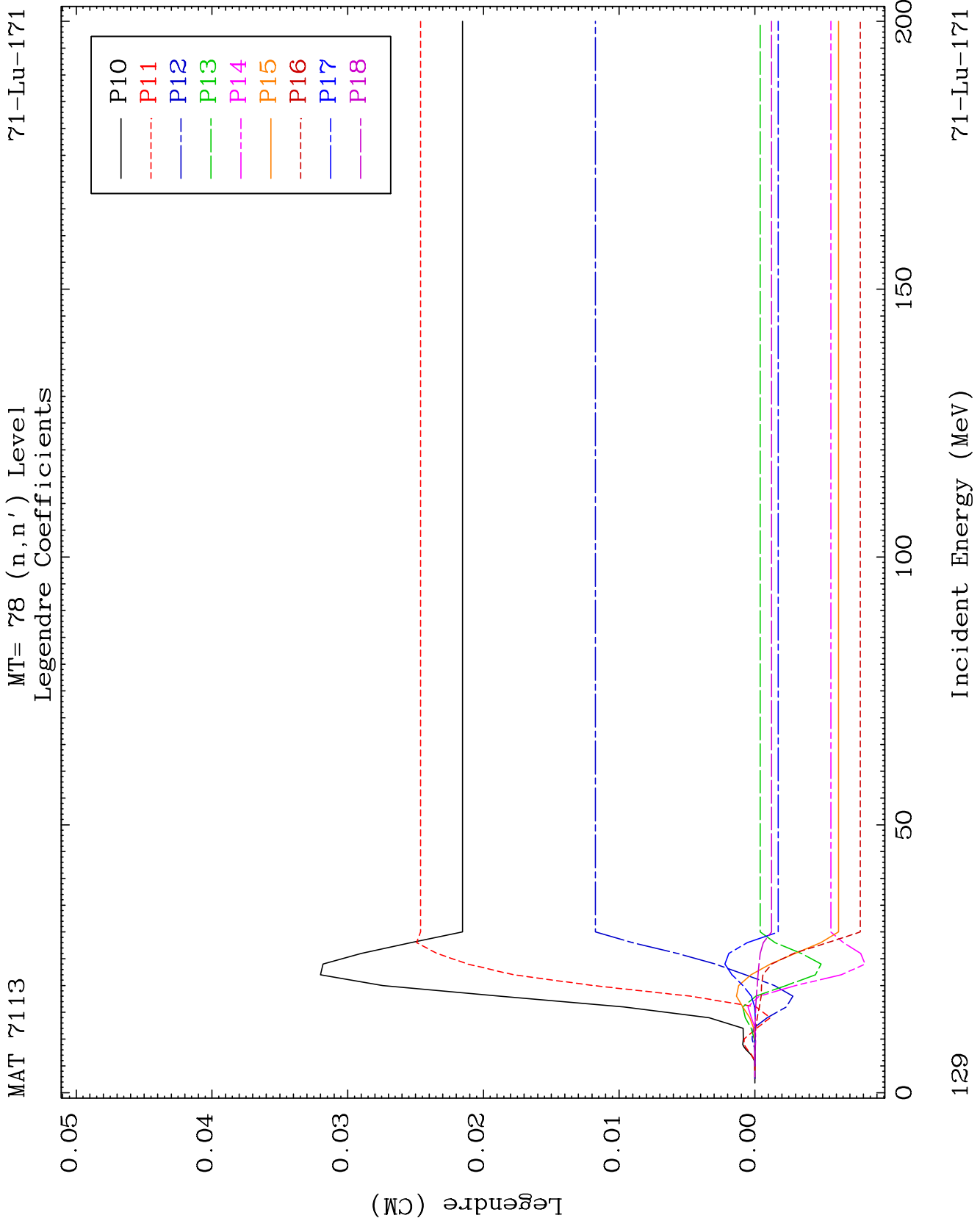
MAT 7113

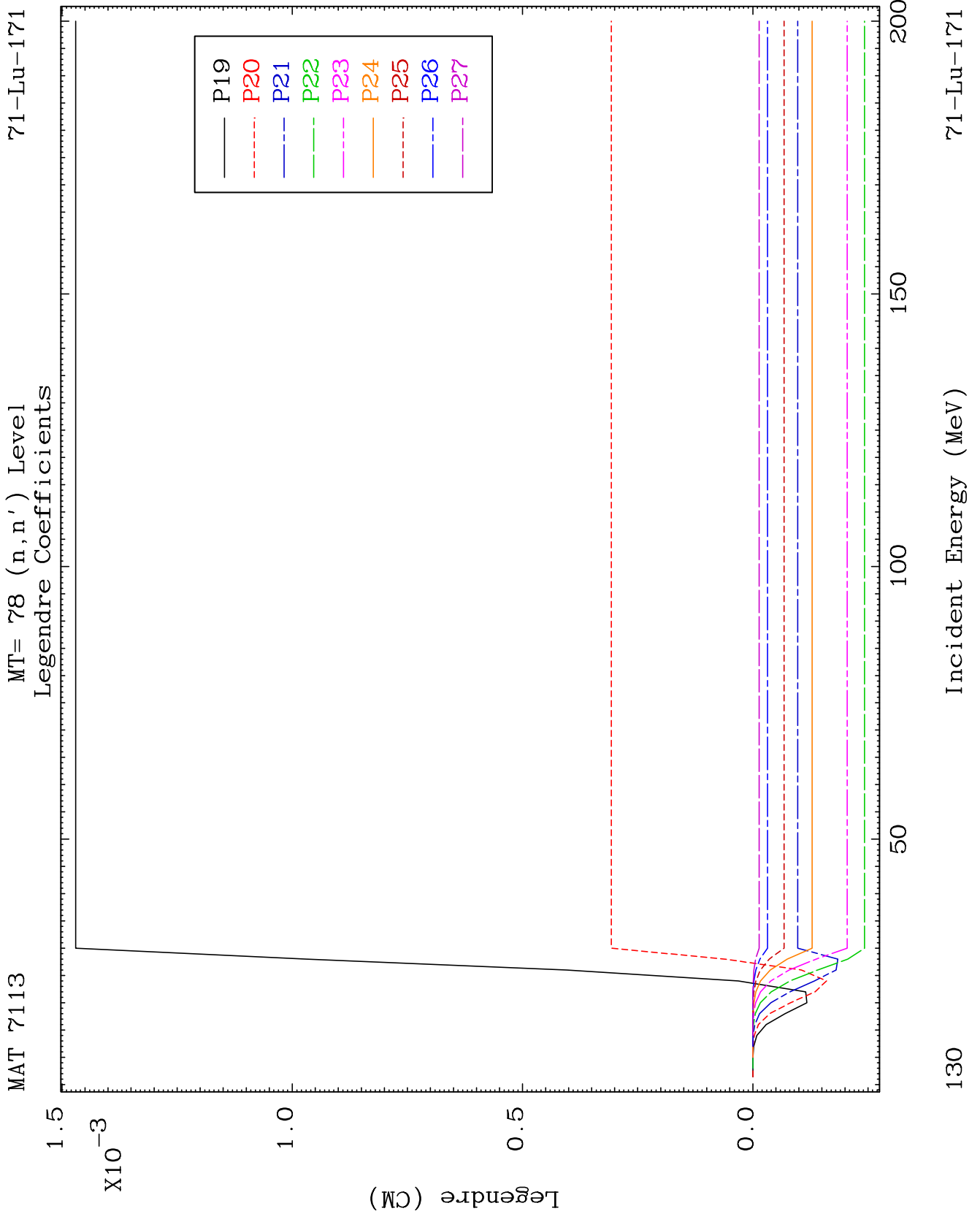
MT= 77 (n,n') Level
Legendre Coefficients

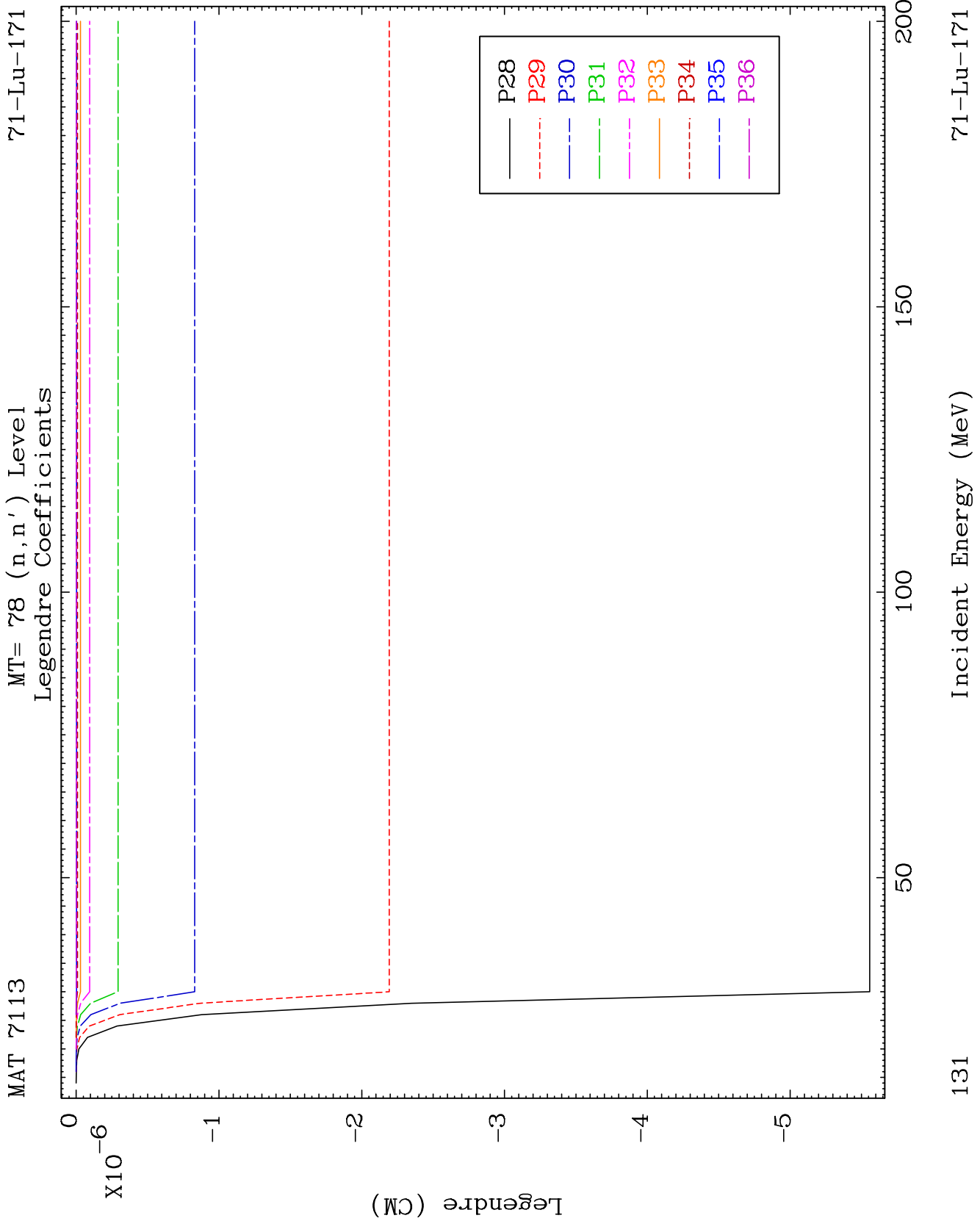
71-Lu-171

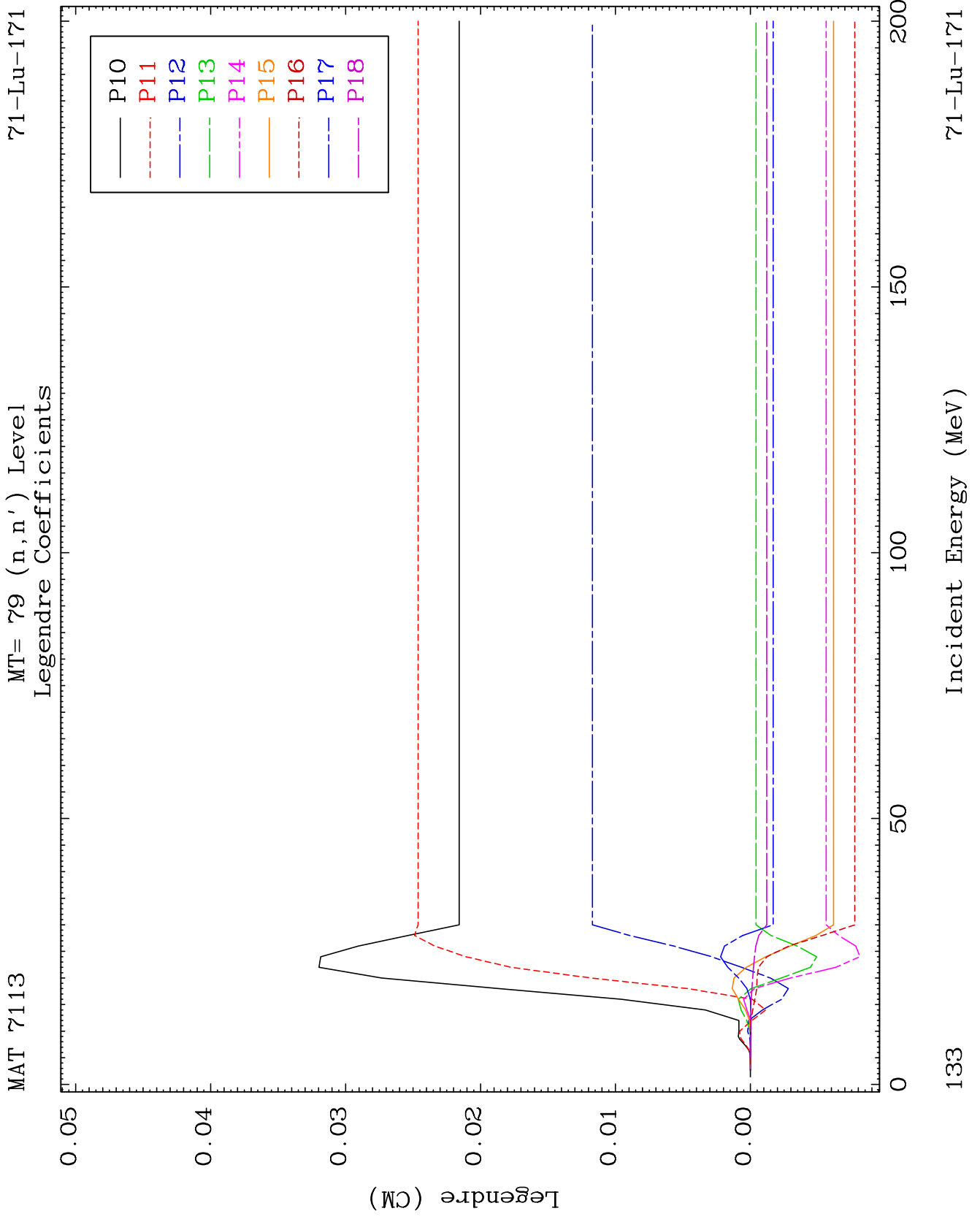








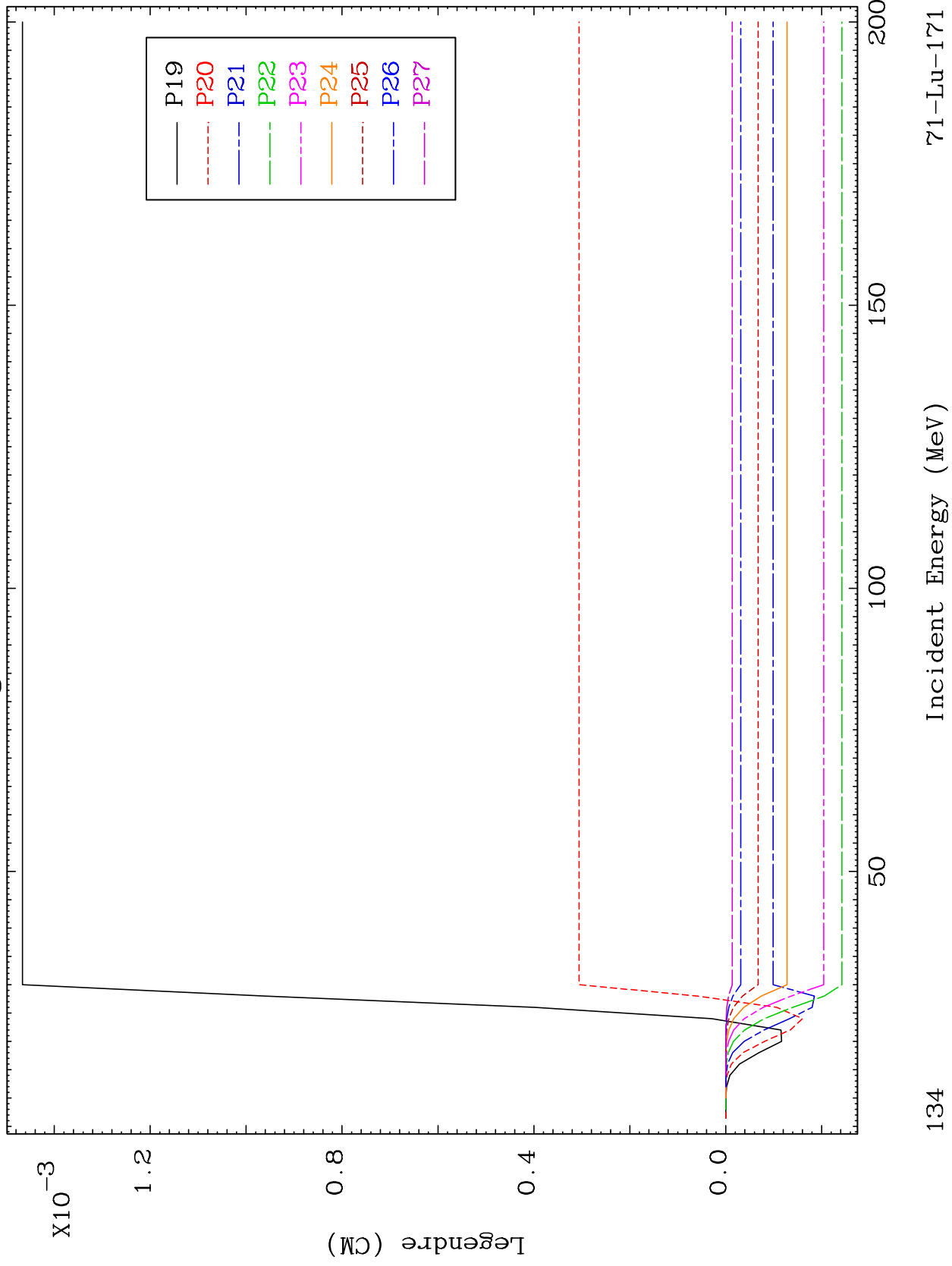




MAT 7113

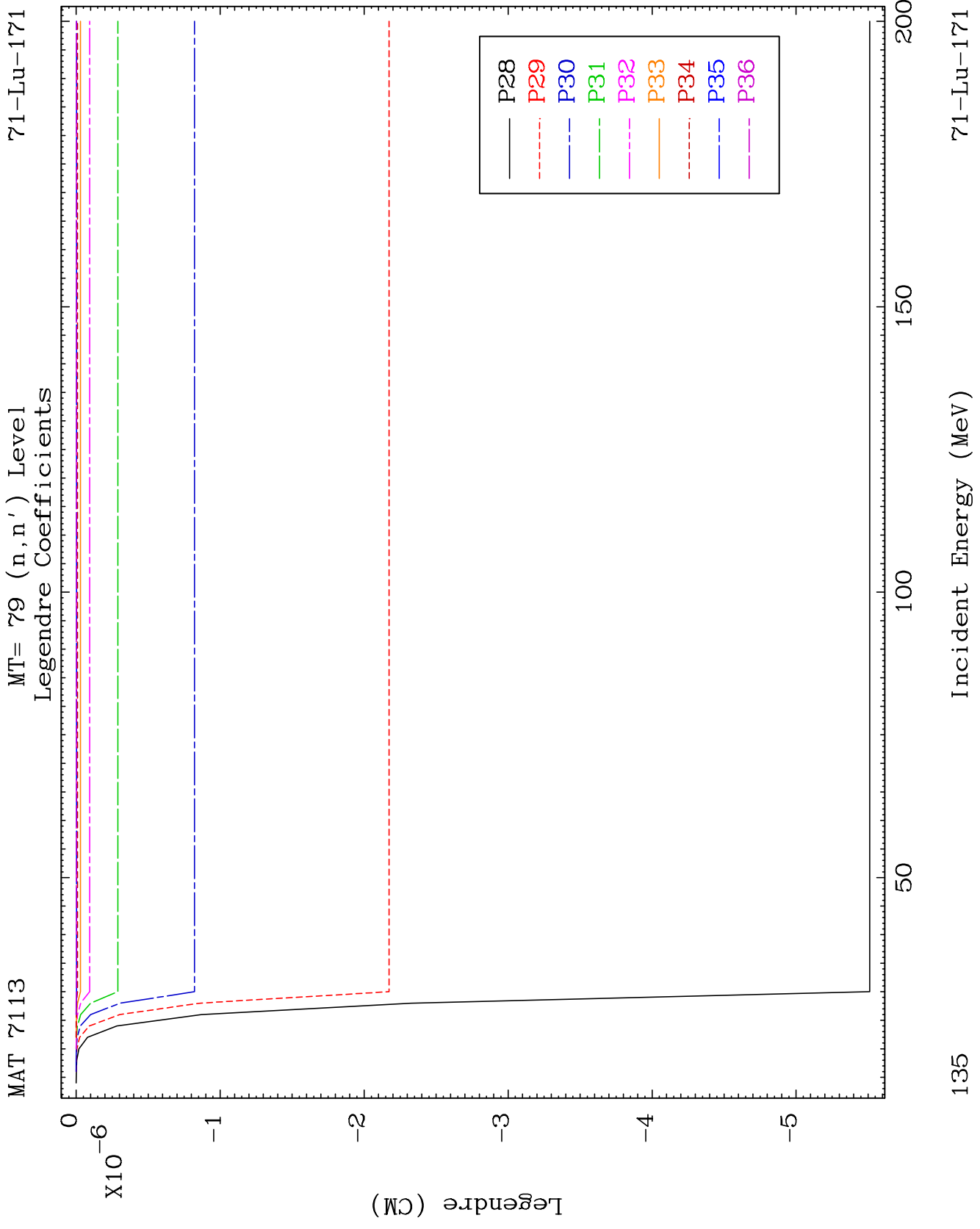
MT= 79 (n,n') Level
Legendre Coefficients

71-Lu-171



134

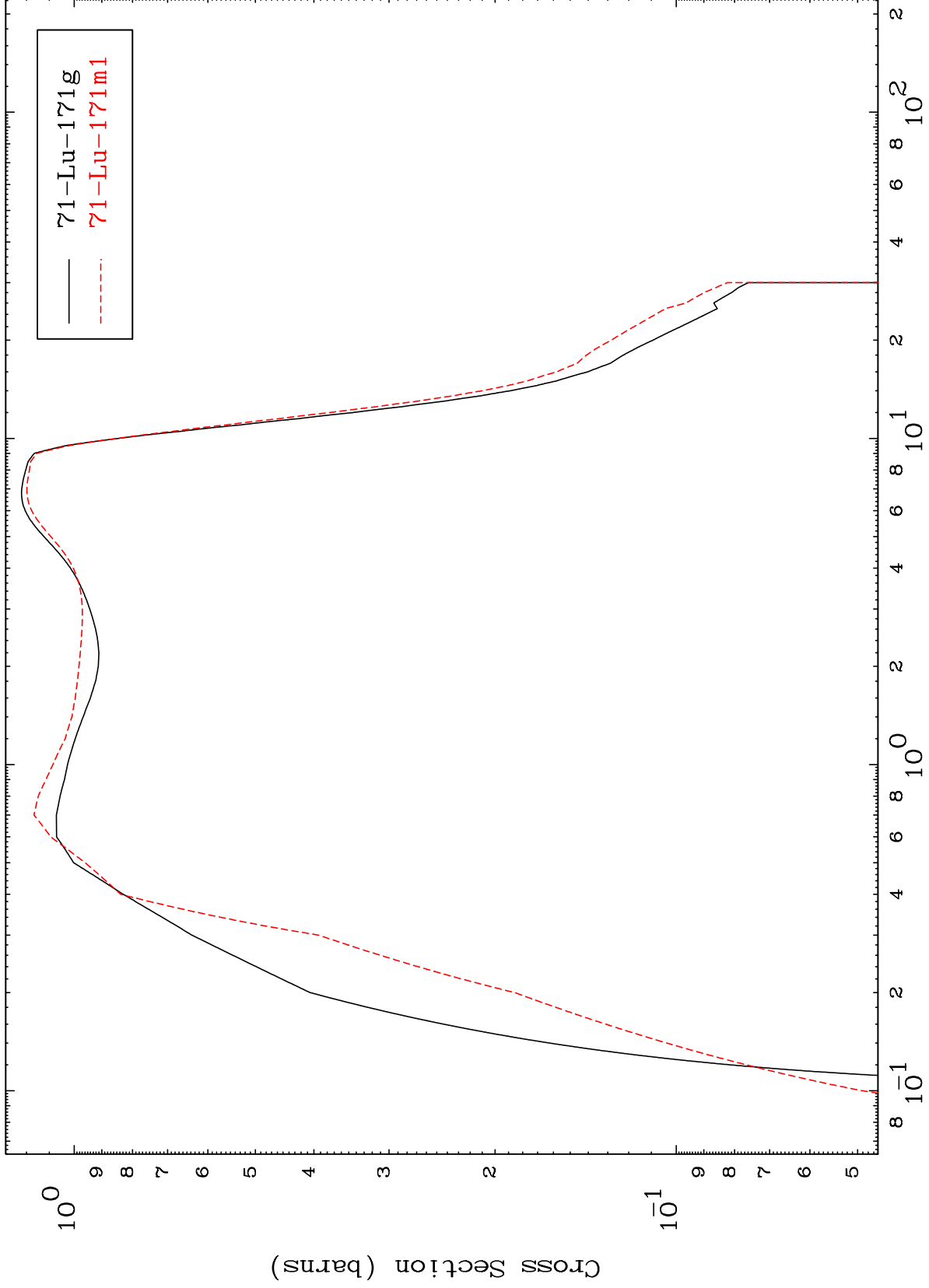
71-Lu-171



MAT 7113

71-Lu-171

Inelastic
Radionuclide Production Cross Section



136

Incident Energy (MeV)

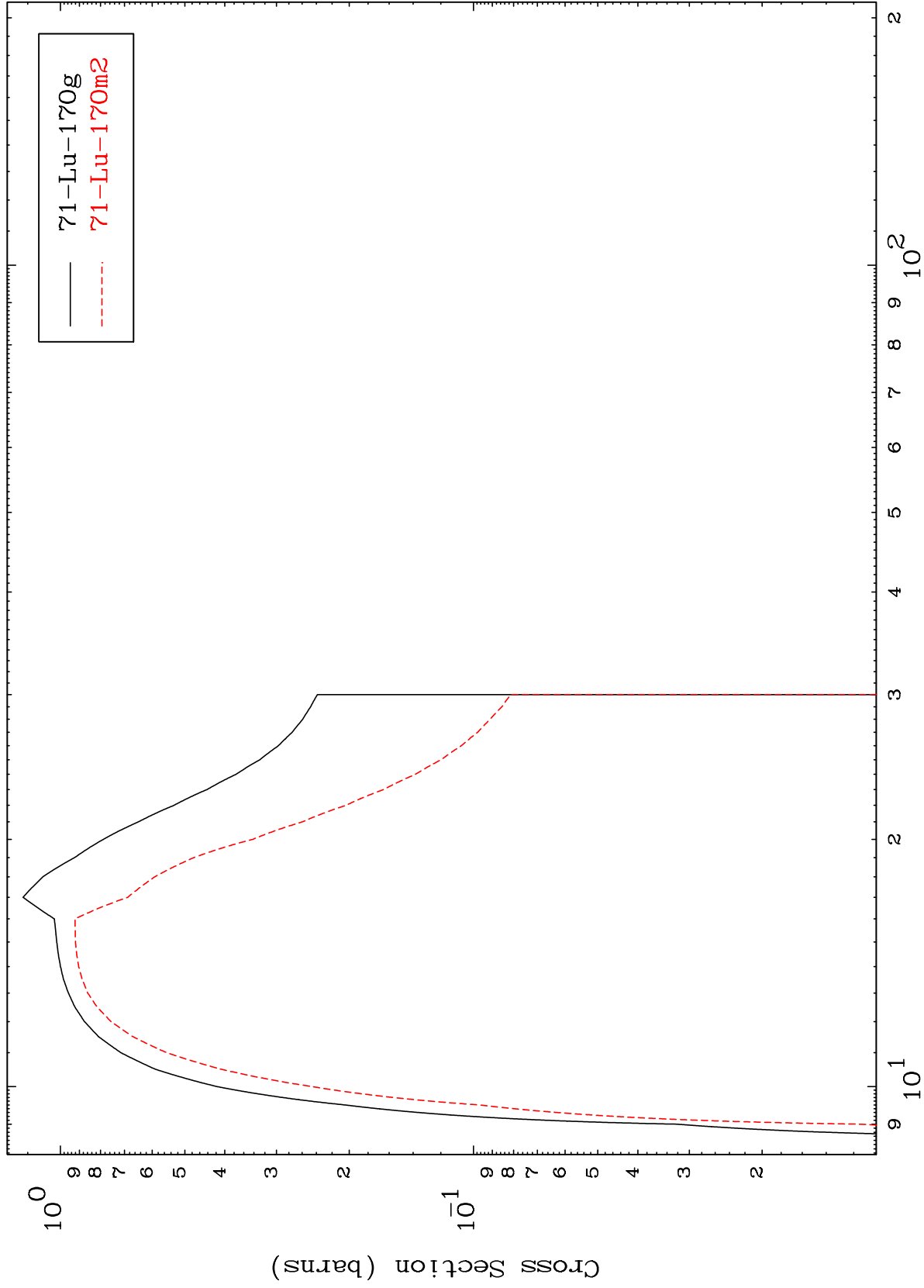
71-Lu-171

MAT 7113

(n,2n)

71-Lu-171

Radionuclide Production Cross Section



137

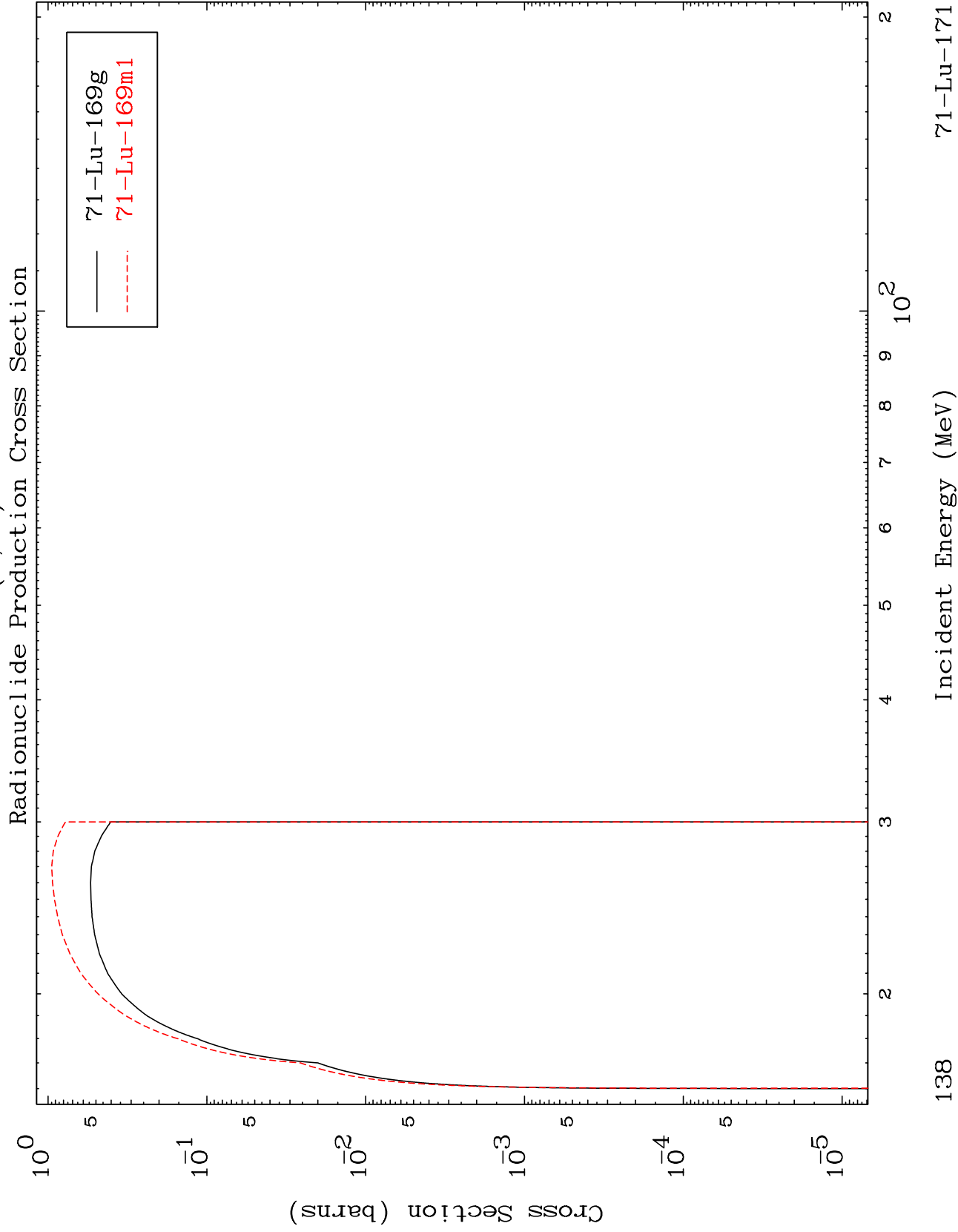
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,3n)

71-Lu-171



138

Incident Energy (MeV)

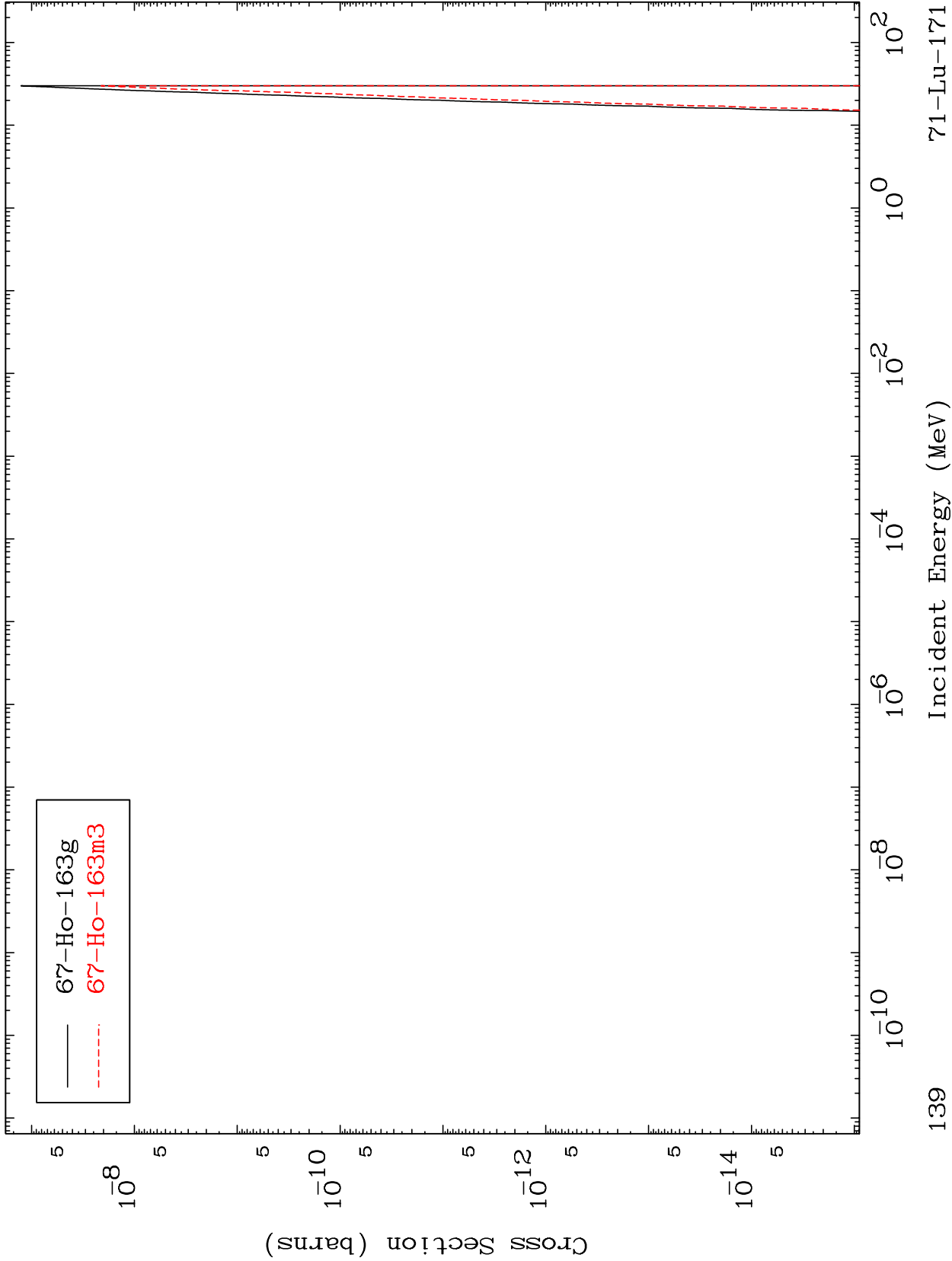
71-Lu-171

MAT 7113

(n,n') 2α

71-Lu-171

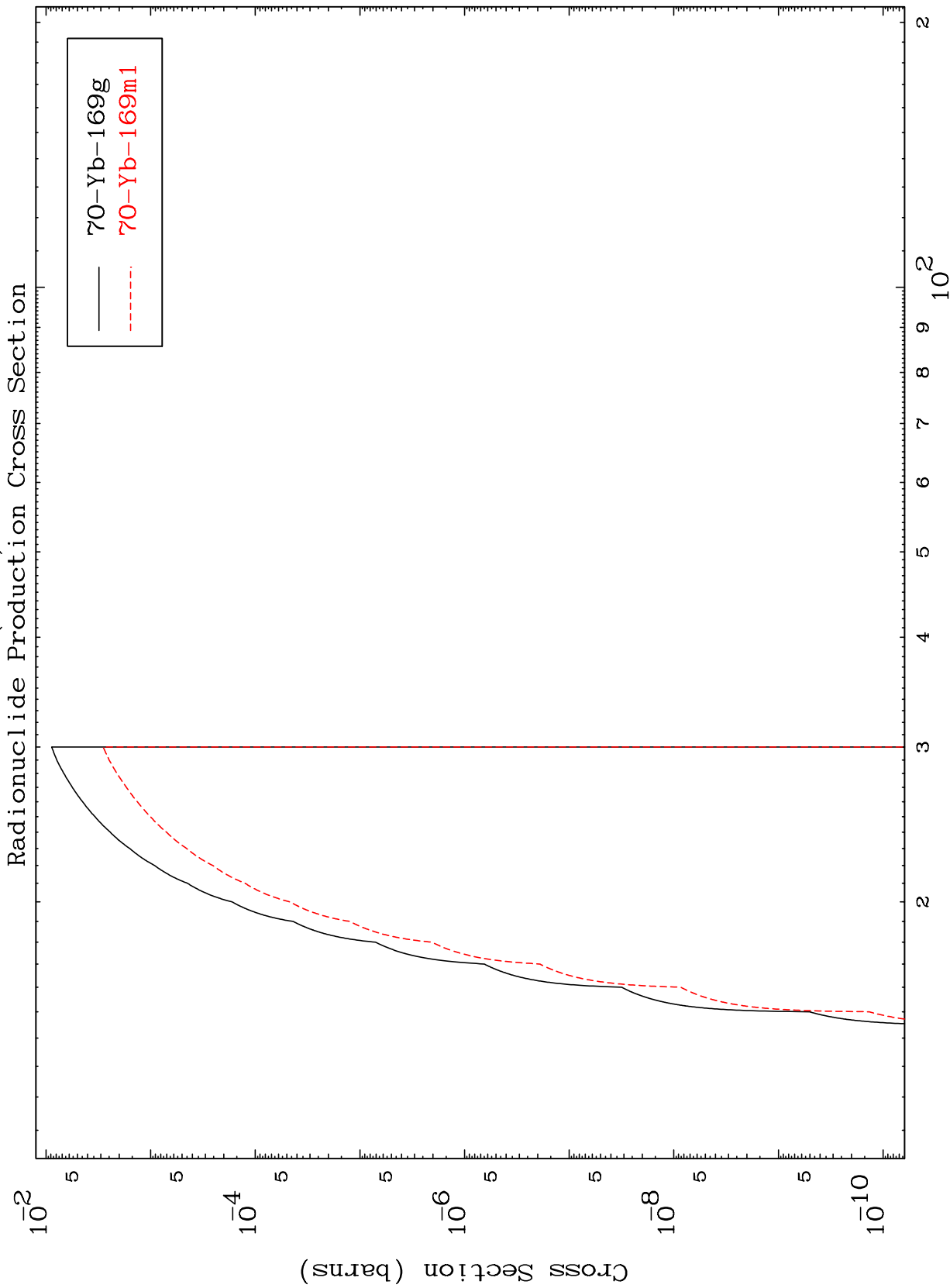
Radionuclide Production Cross Section



MAT 7113

(n,n') d

71-Lu-171



140

Incident Energy (MeV)

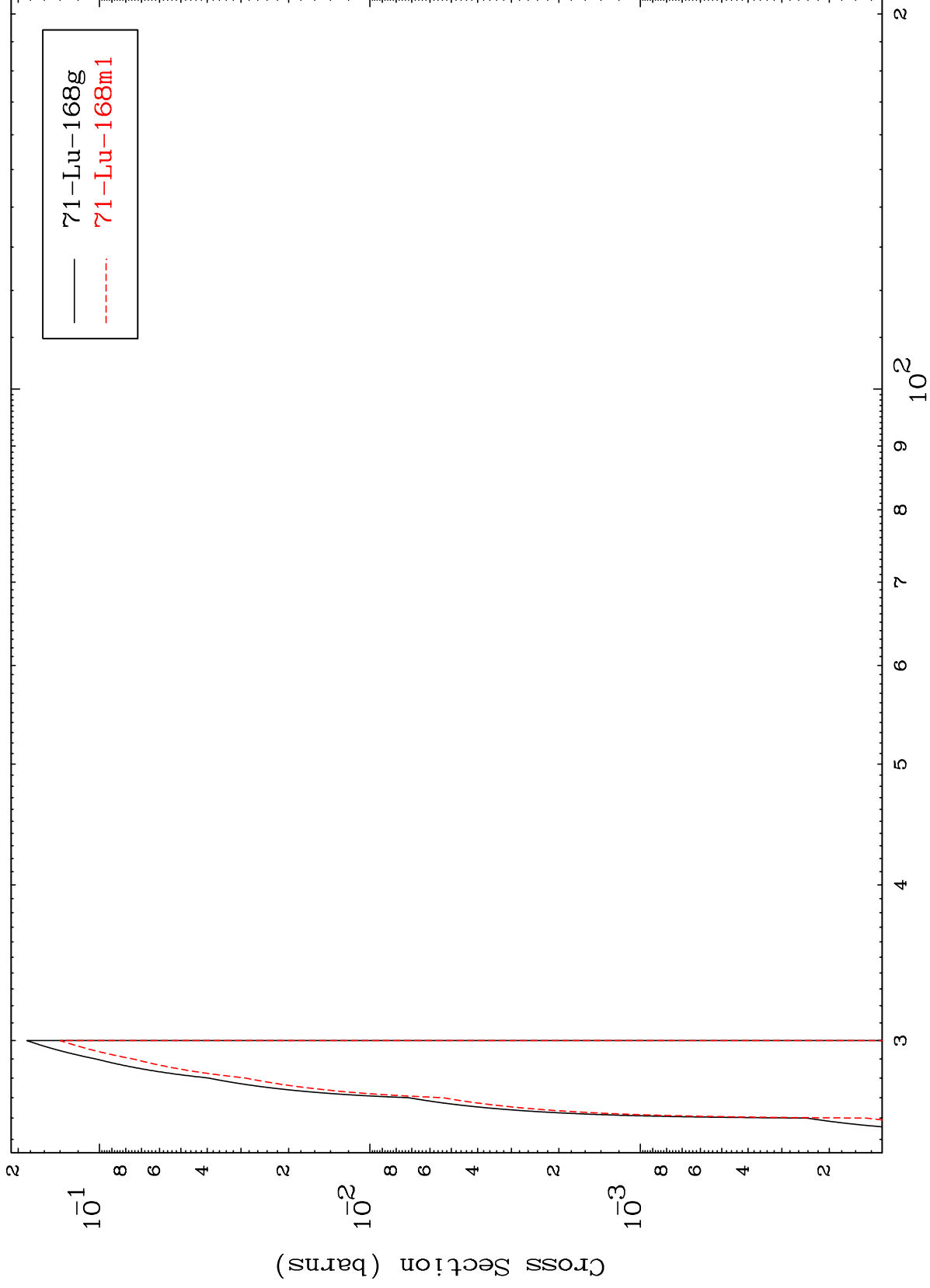
71-Lu-171

MAT 7113

(n,4n)

71-Lu-171

Radionuclide Production Cross Section

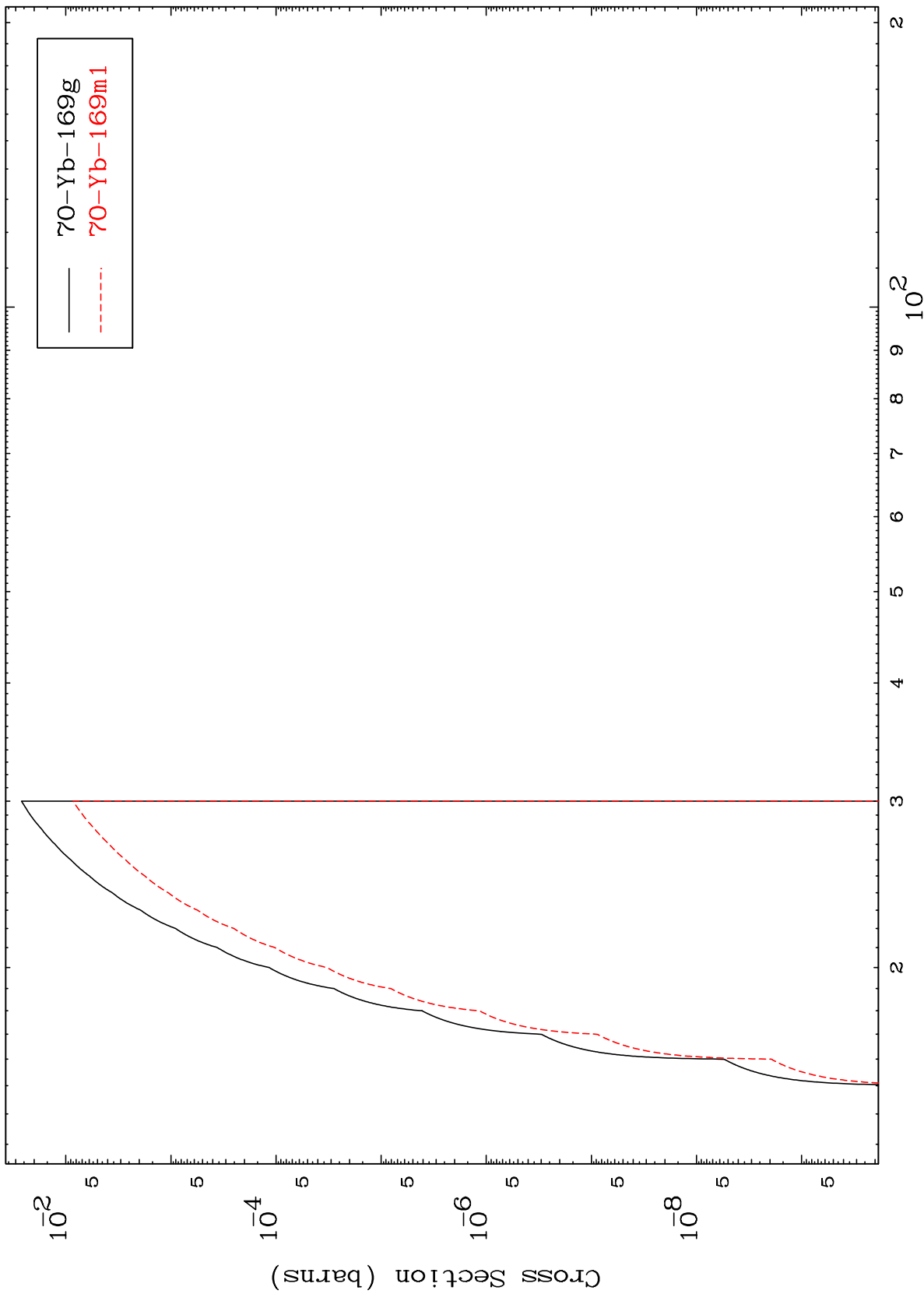


141

Incident Energy (MeV)

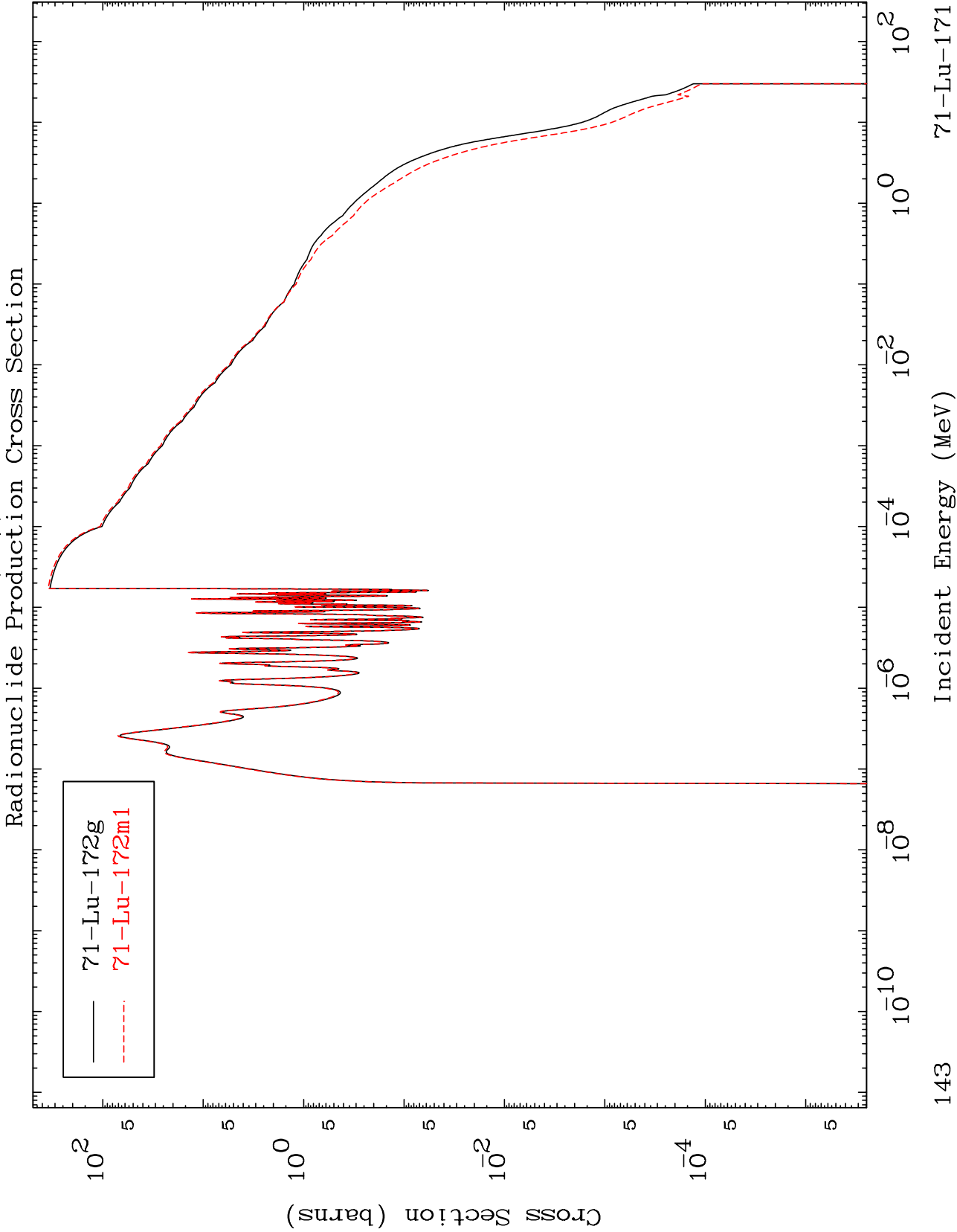
71-Lu-171

Radionuclide Production Cross Section



MAT 7113

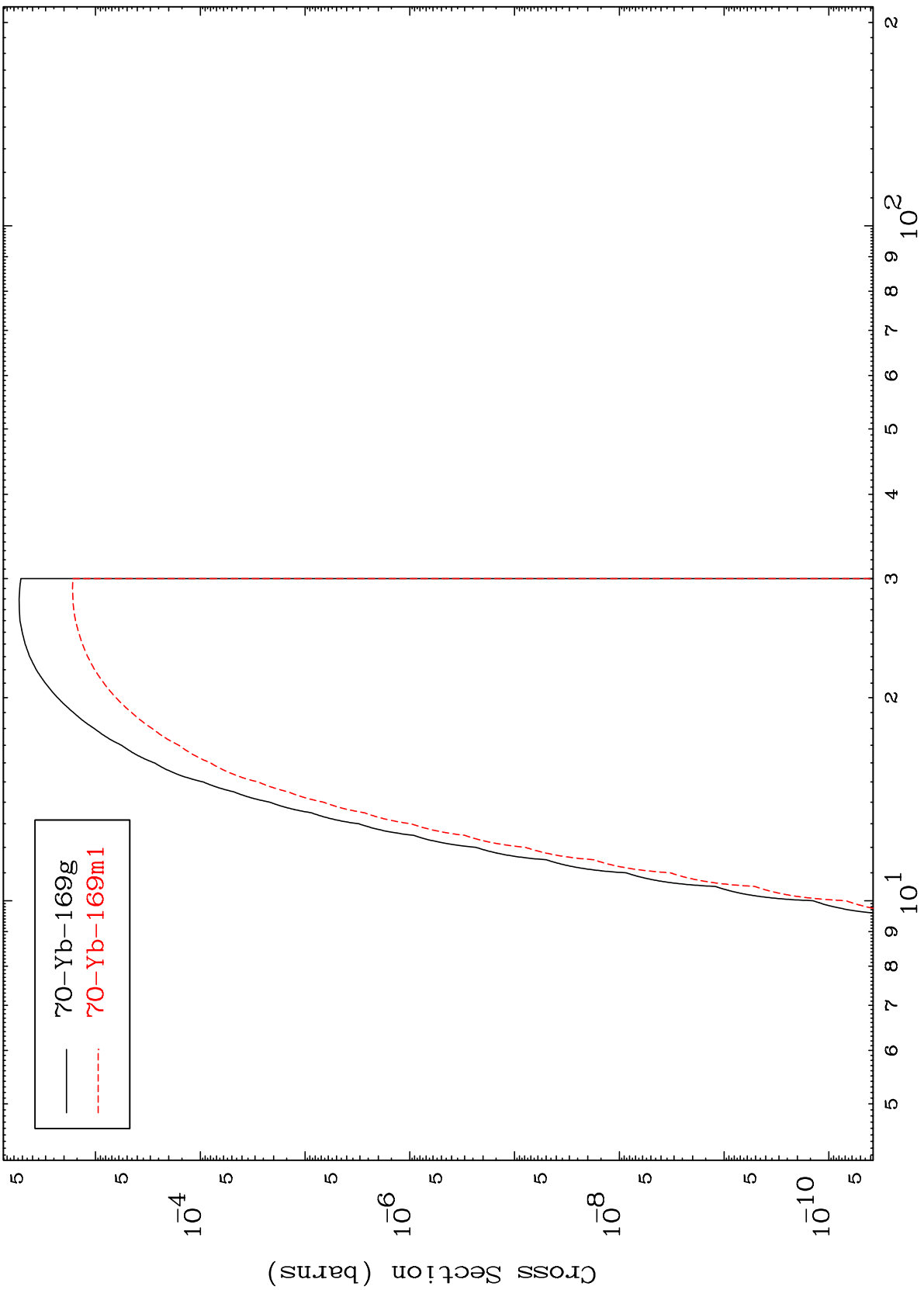
⁷¹Lu-171



MAT 7113

71-Lu-171

Radionuclide Production Cross Section



144

Incident Energy (MeV)

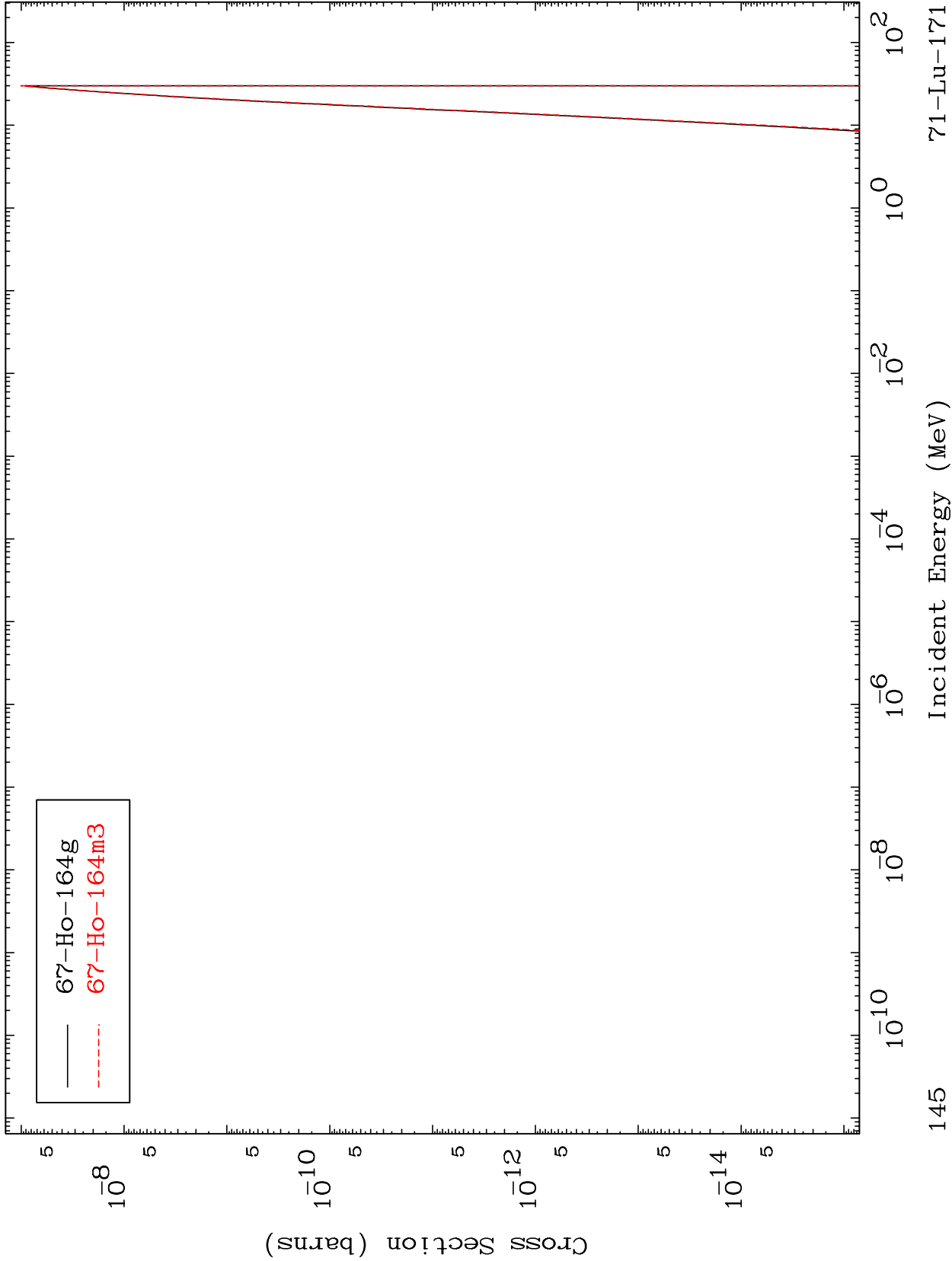
71-Lu-171

MAT 7113

(n,2α)

71-Lu-171

Radionuclide Production Cross Section

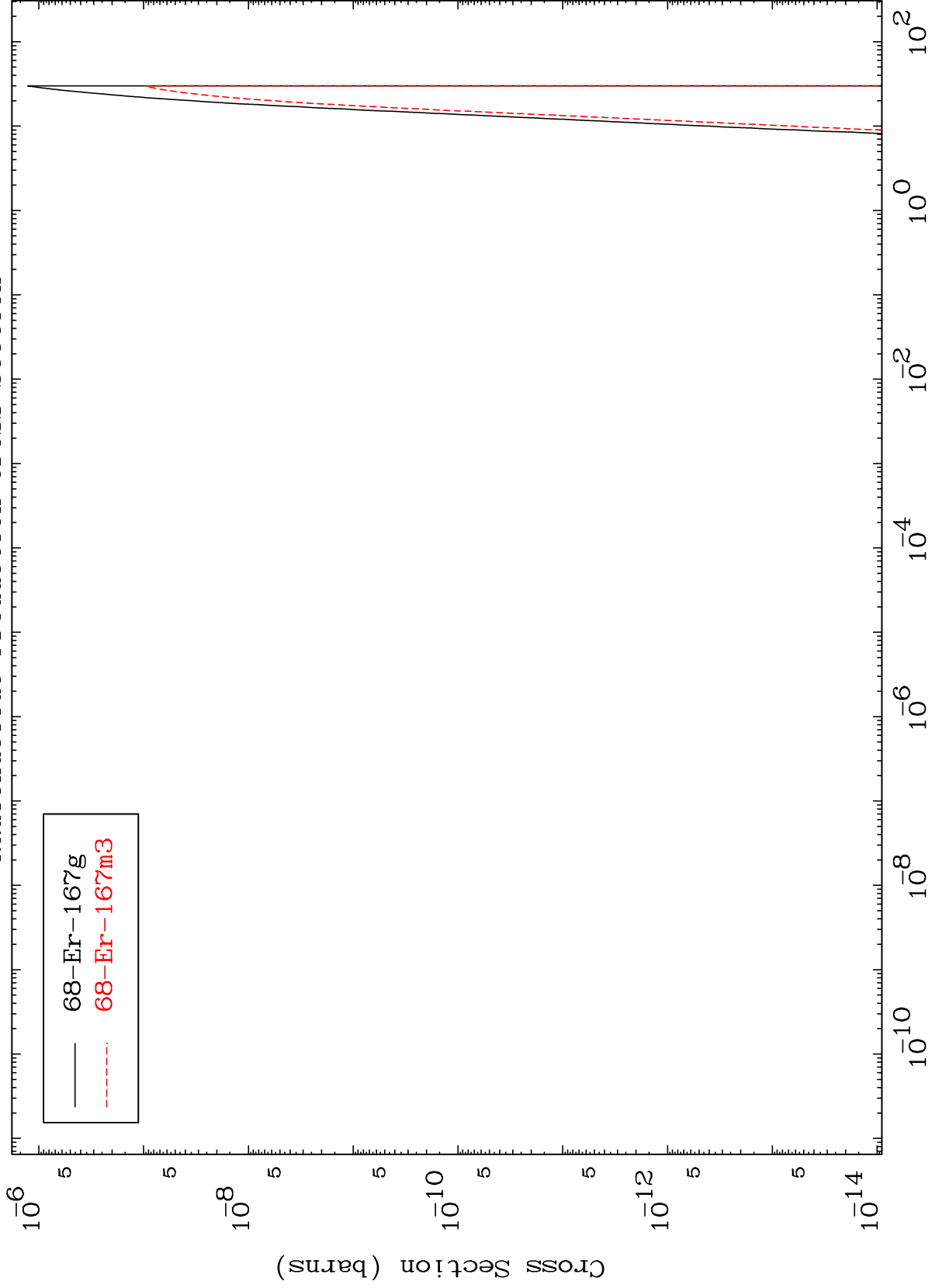


MAT 7113

(n,p) α

71-Lu-171

Radionuclide Production Cross Section



146

Incident Energy (MeV)

71-Lu-171