

Program EVALPLOT
(Version 2021-1)

by

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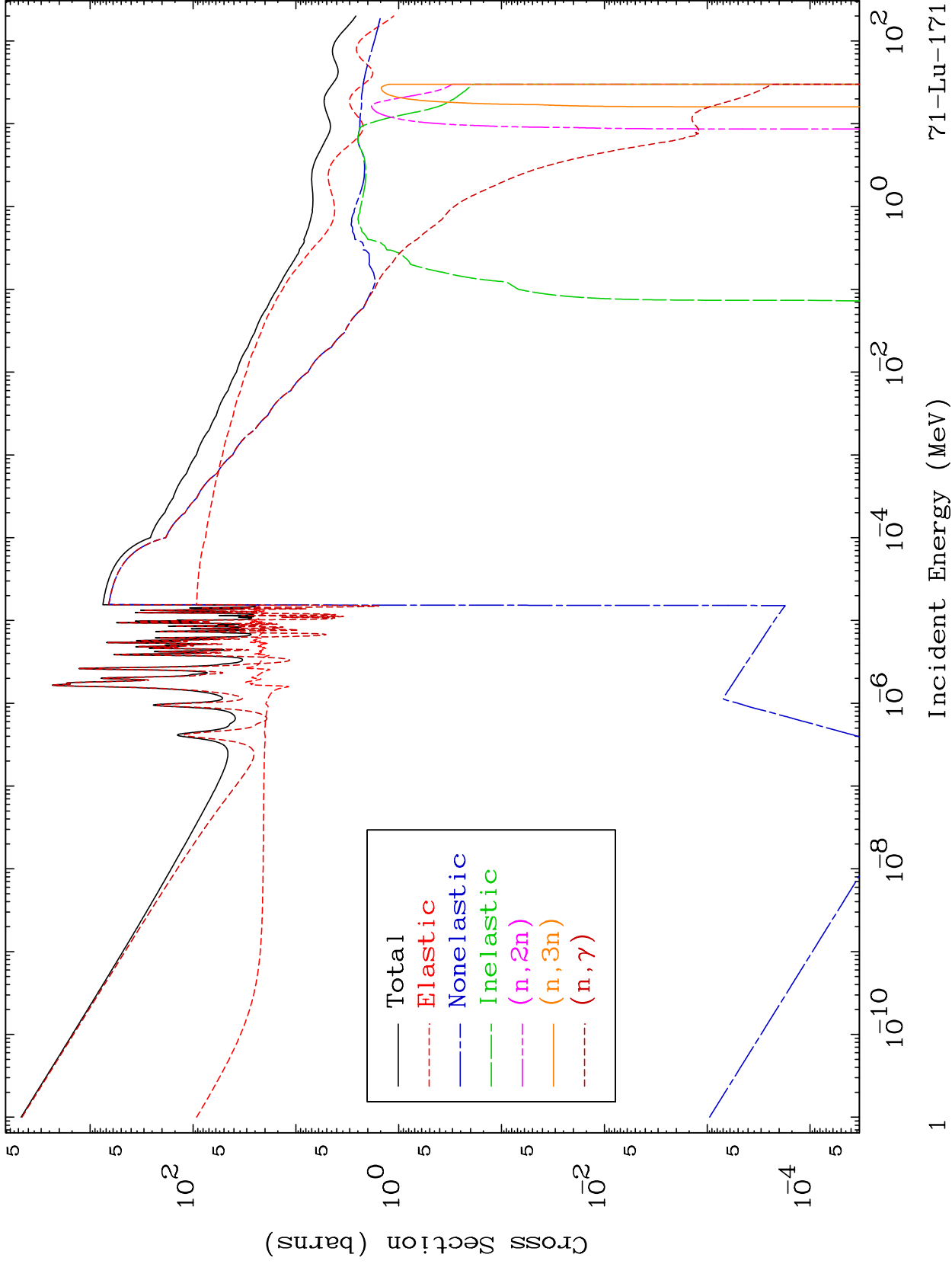
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Press Mouse Button to Start

MAT 7113

Neutron Major
293 Kelvin Cross Sections

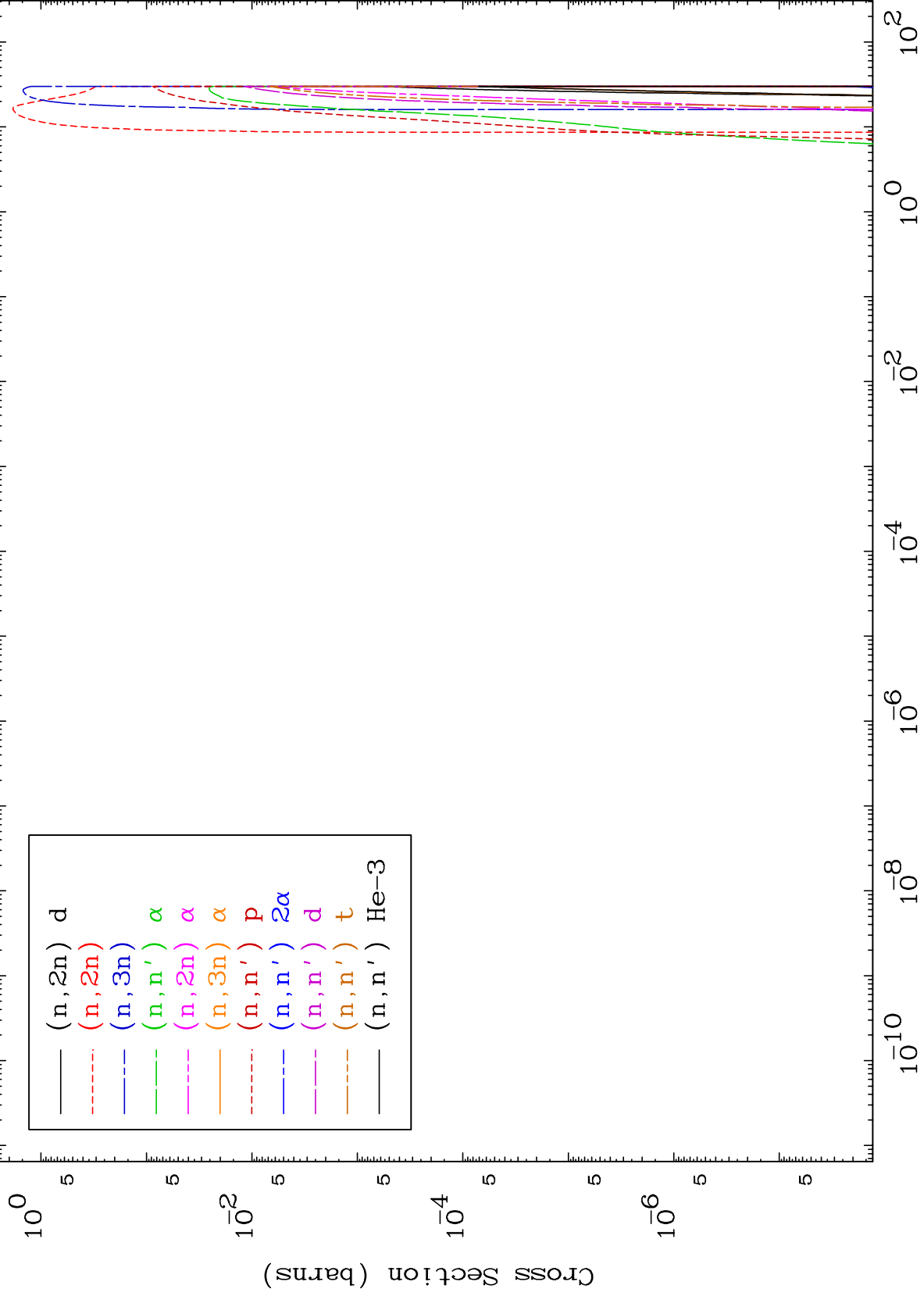
71-Lu-171



MAT 7113

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-171



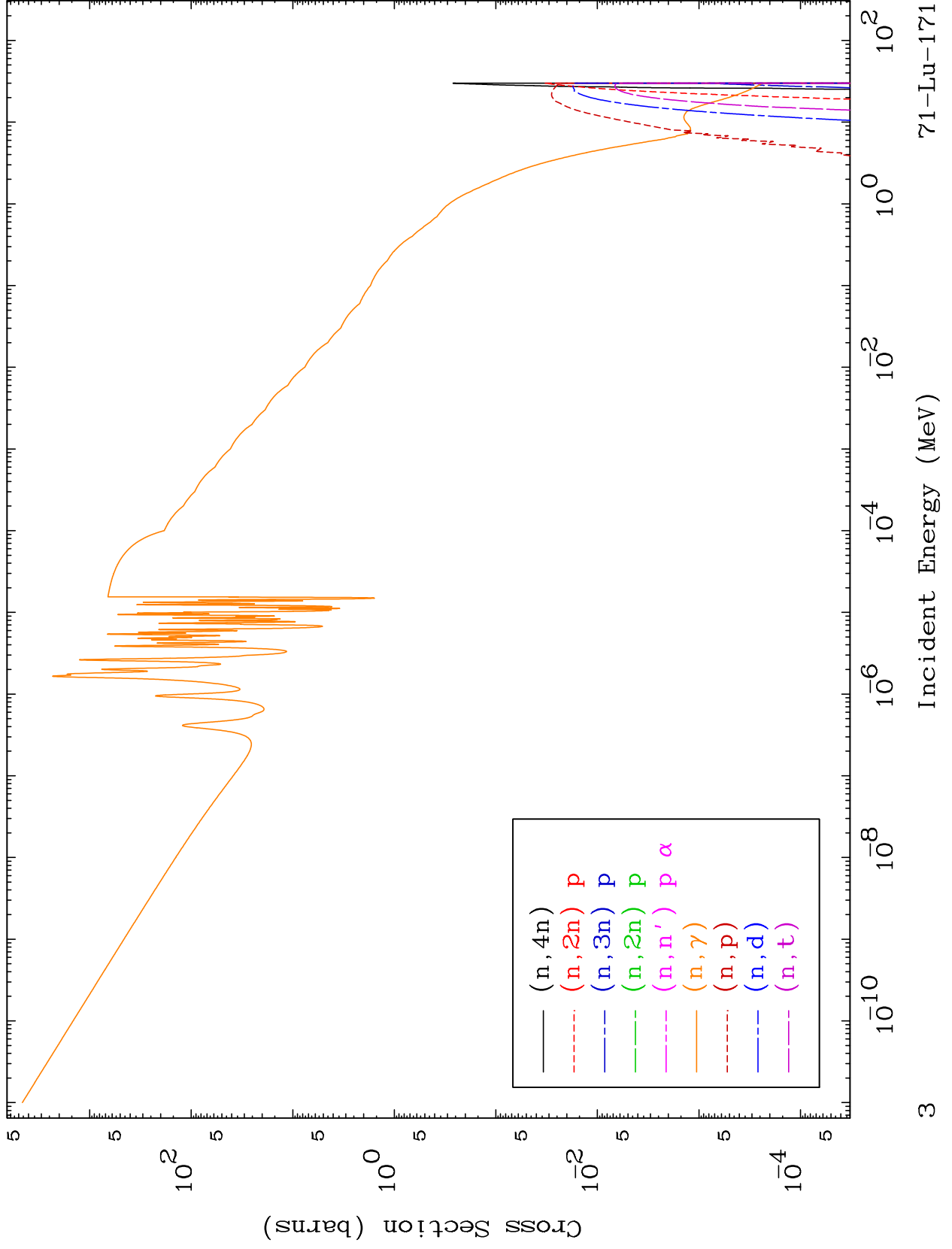
71-Lu-171

Incident Energy (MeV)

MAT 7113

Neutron Absorption
293 Kelvin Cross Sections

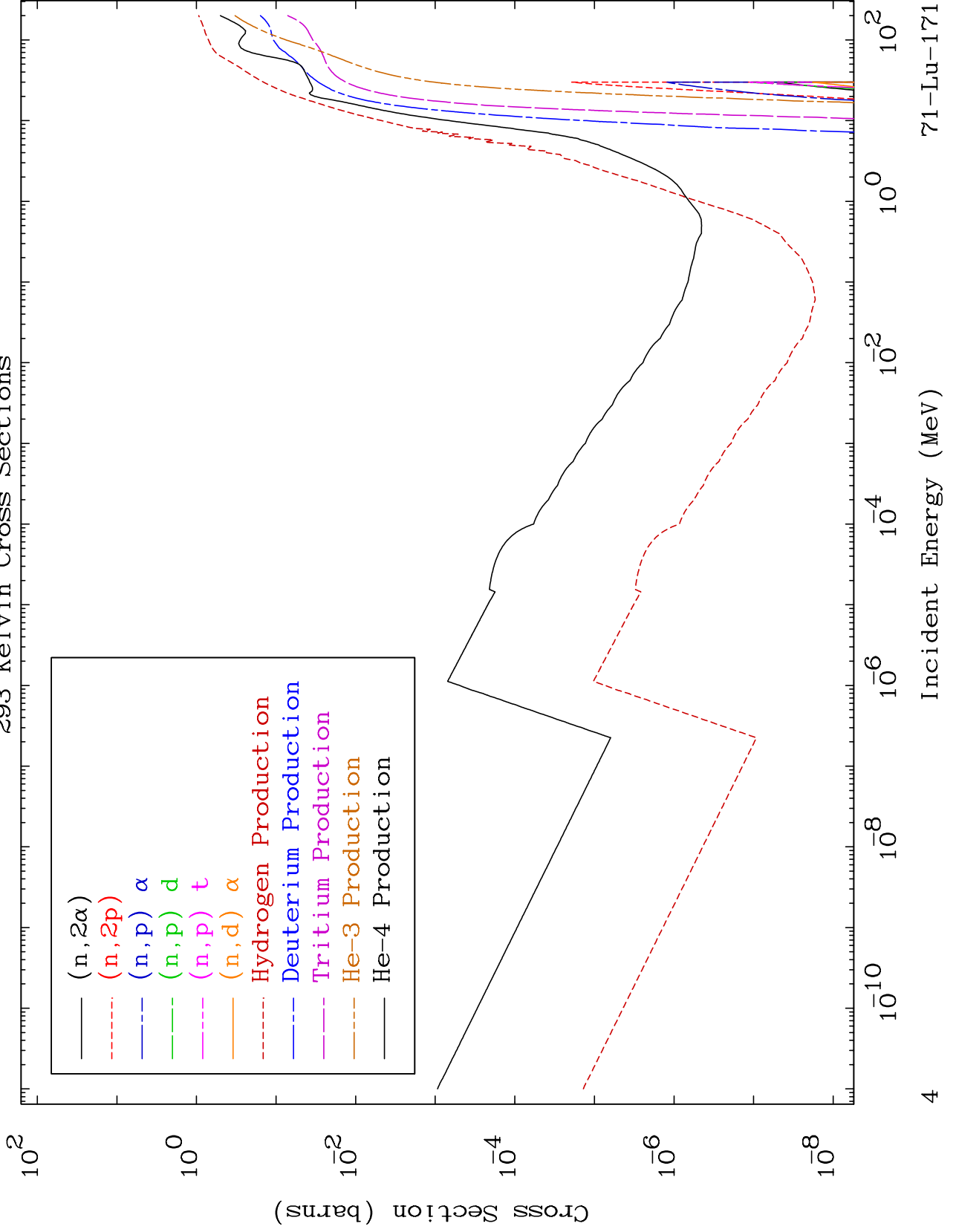
71-Lu-171



MAT 7113

Neutron Absorption
293 Kelvin Cross Sections

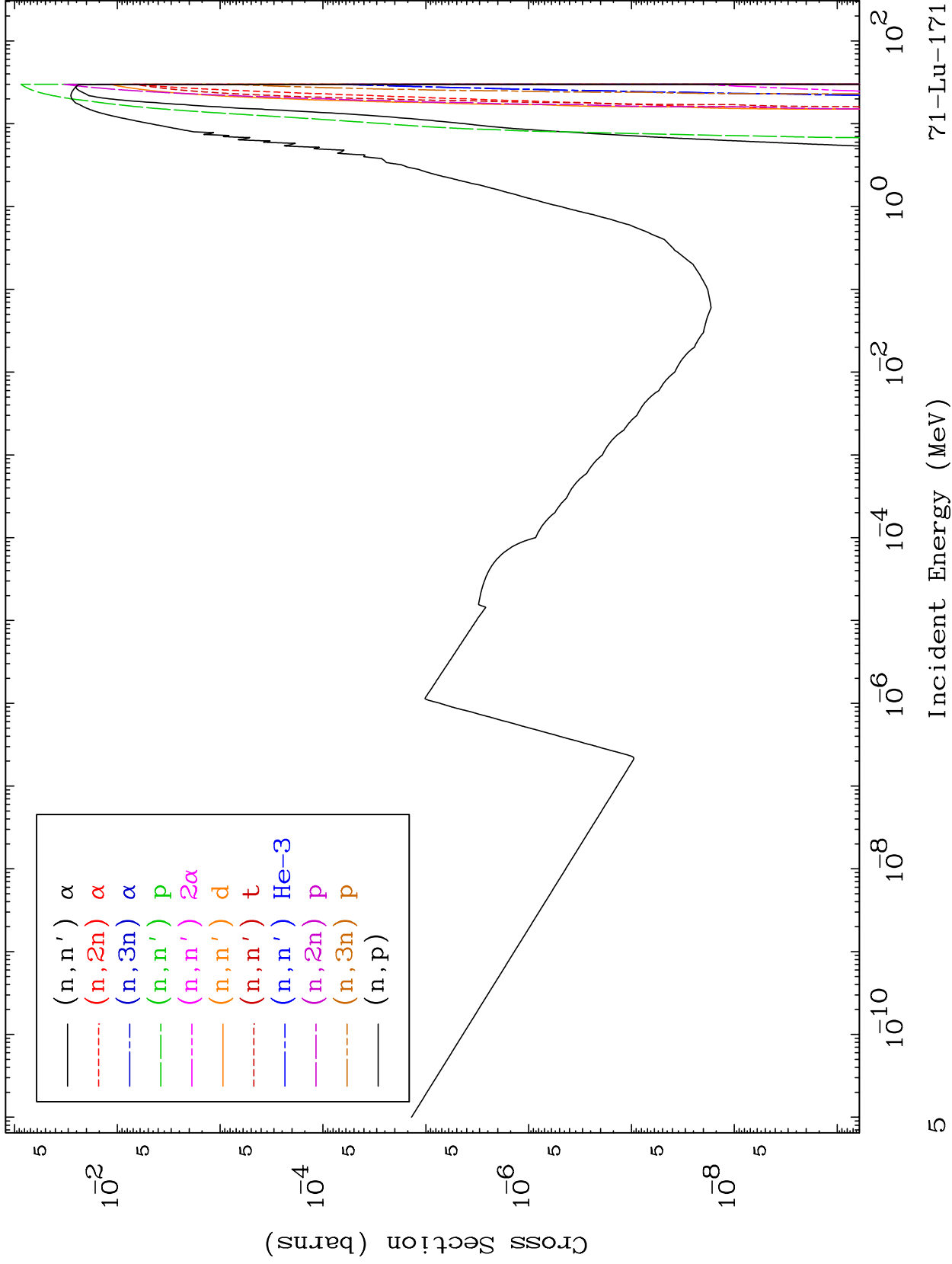
71-Lu-171



MAT 7113

Charged Particle
293 Kelvin Cross Sections

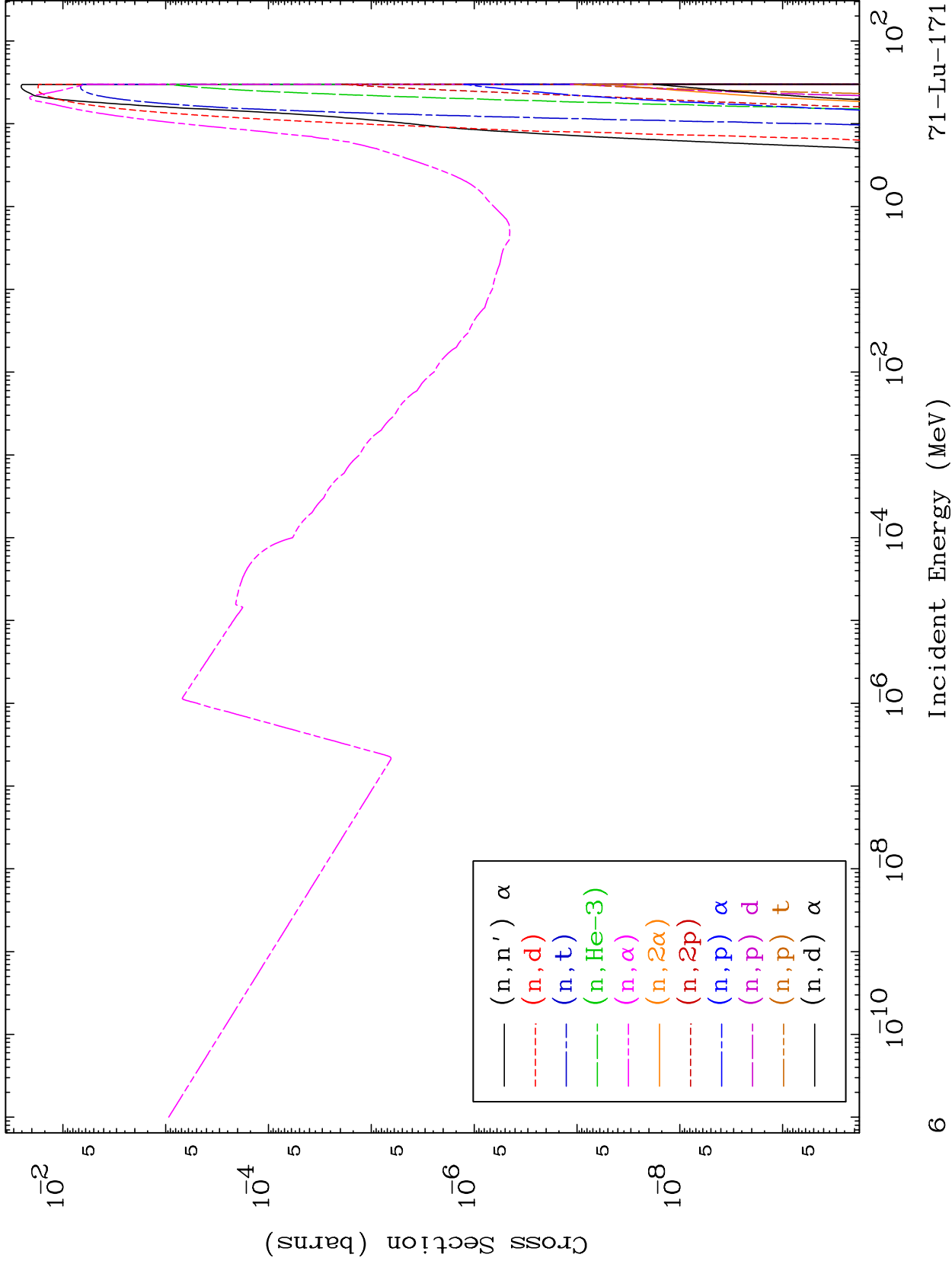
71-Lu-171



MAT 7113

Charged Particle
293 Kelvin Cross Sections

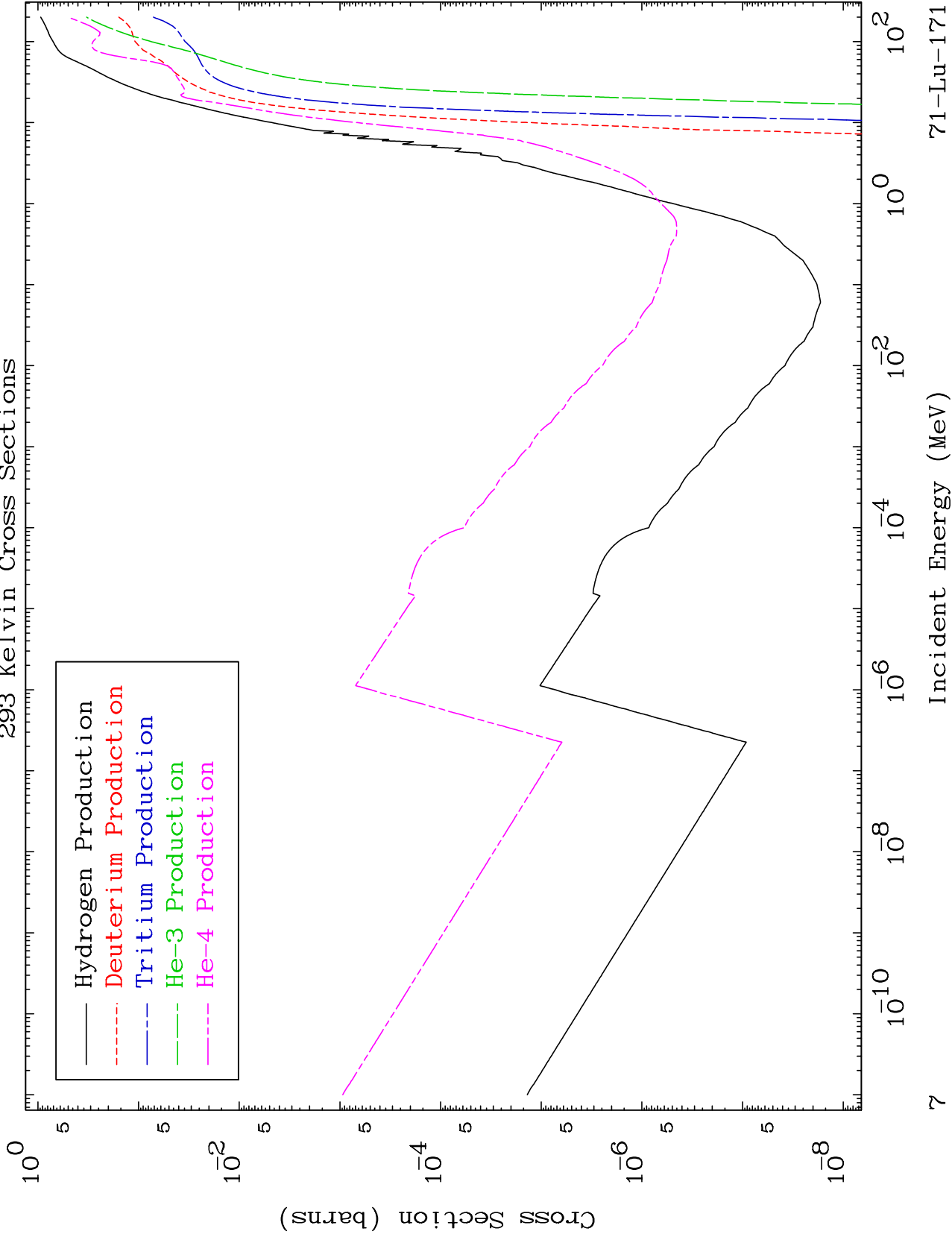
71-Lu-171



MAT 7113

Particle Production
293 Kelvin Cross Sections

71-Lu-171

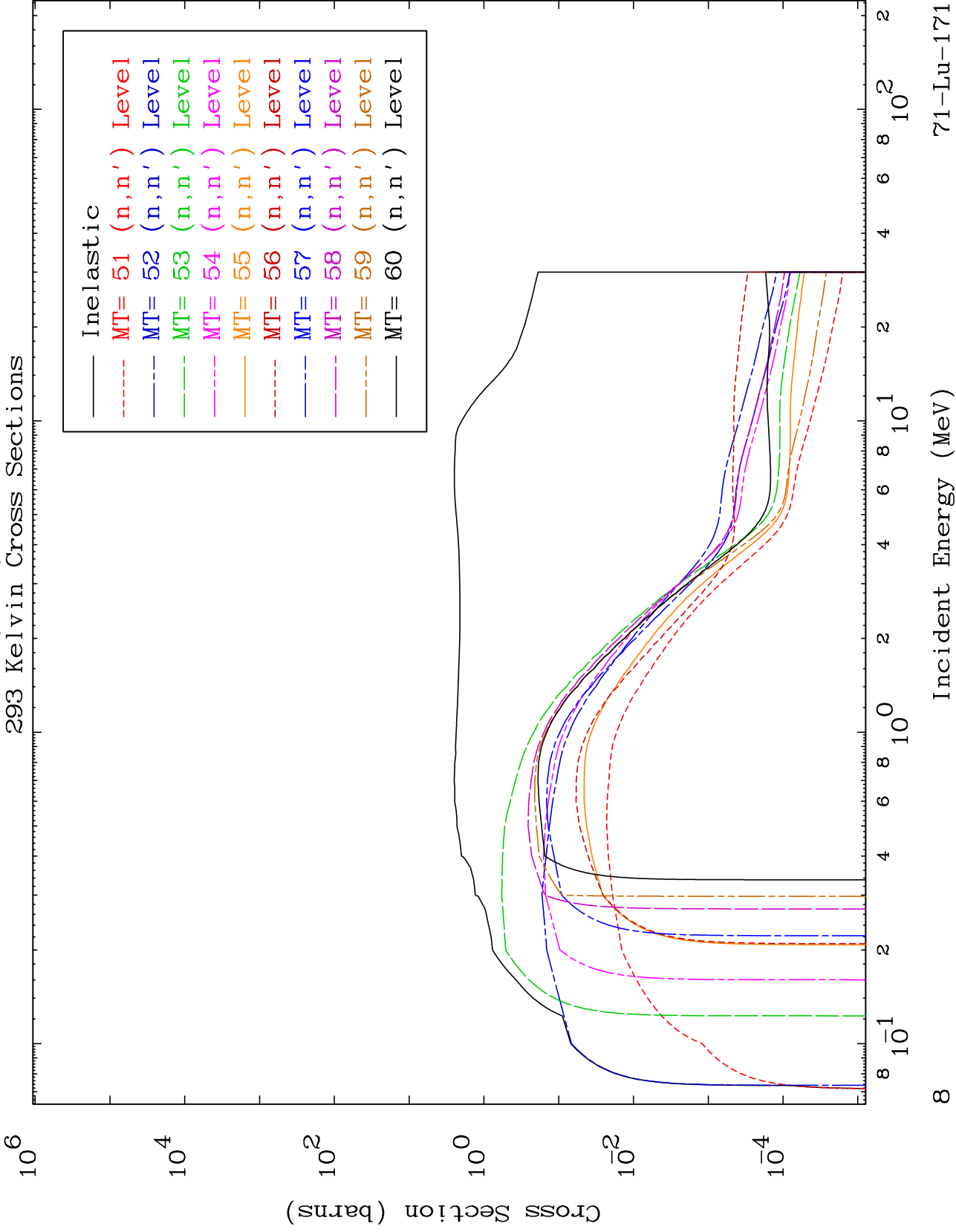


MAT 7113

(n,n') Levels

71-Lu-171

293 Kelvin Cross Sections

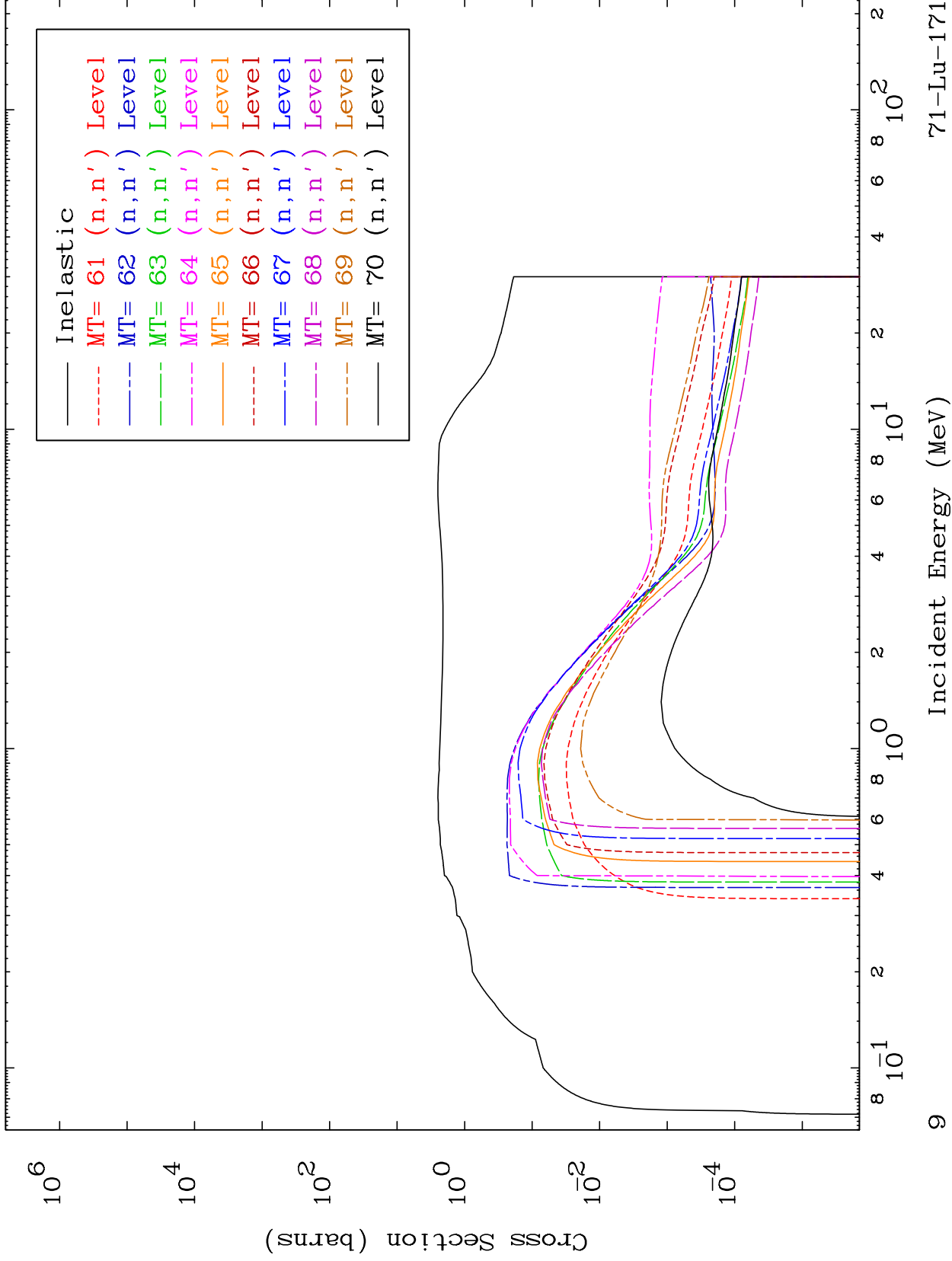


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Incident Energy (MeV)

71-Lu-171

293 Kelvin Cross Sections

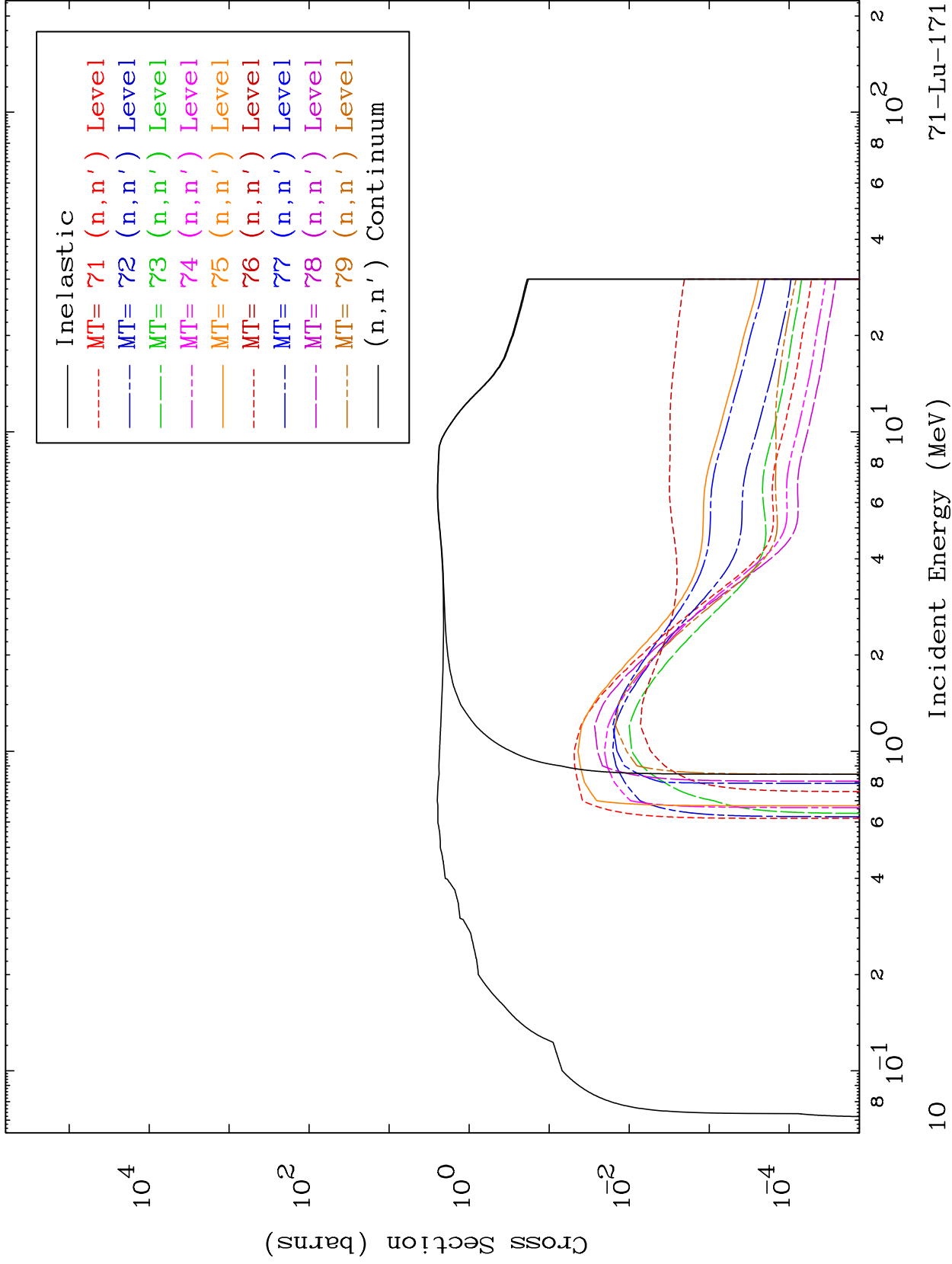


MAT 7113

(n,n') Levels

71-Lu-171

293 Kelvin Cross Sections



10

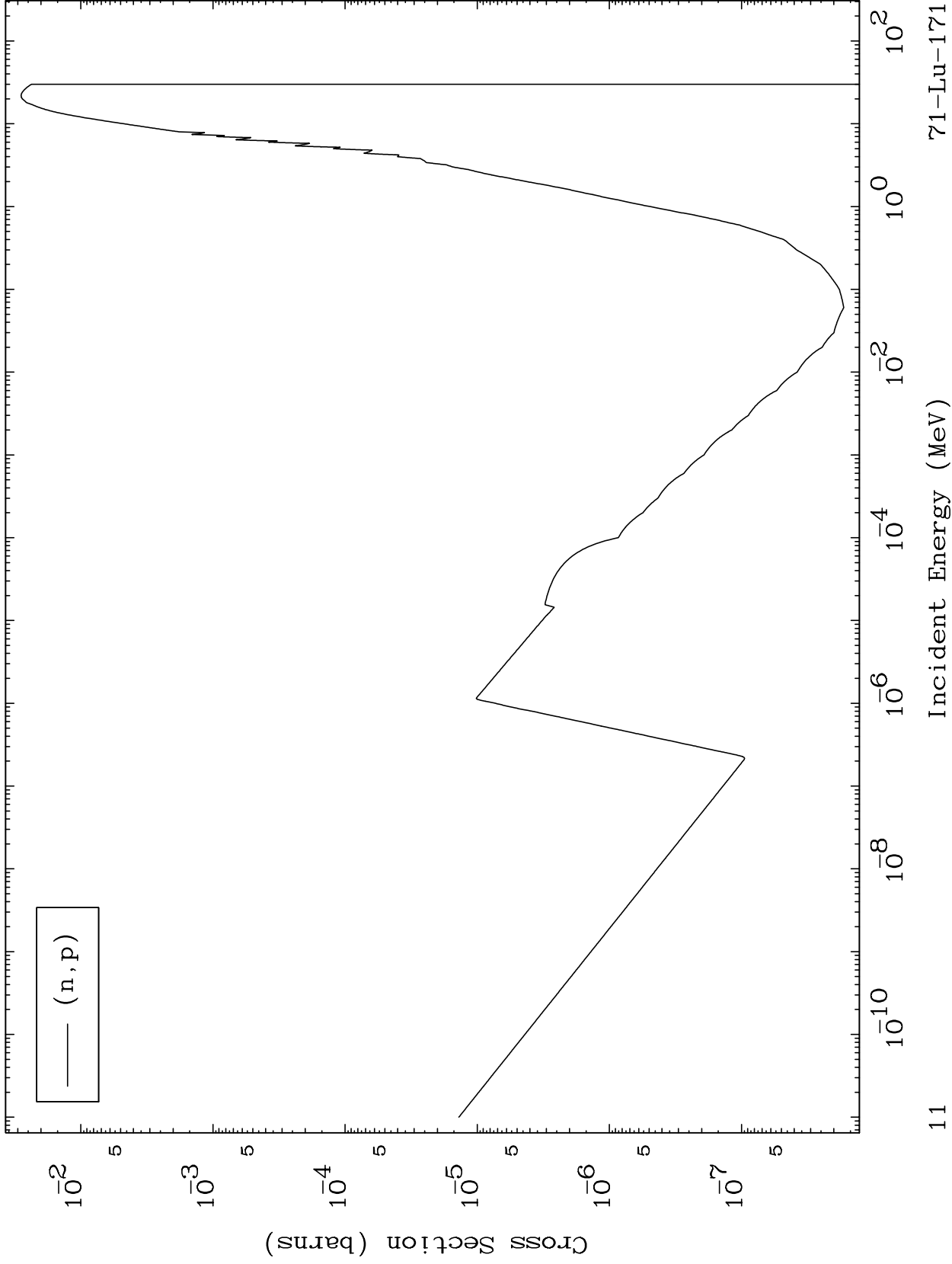
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,p) Levels
293 Kelvin Cross Sections

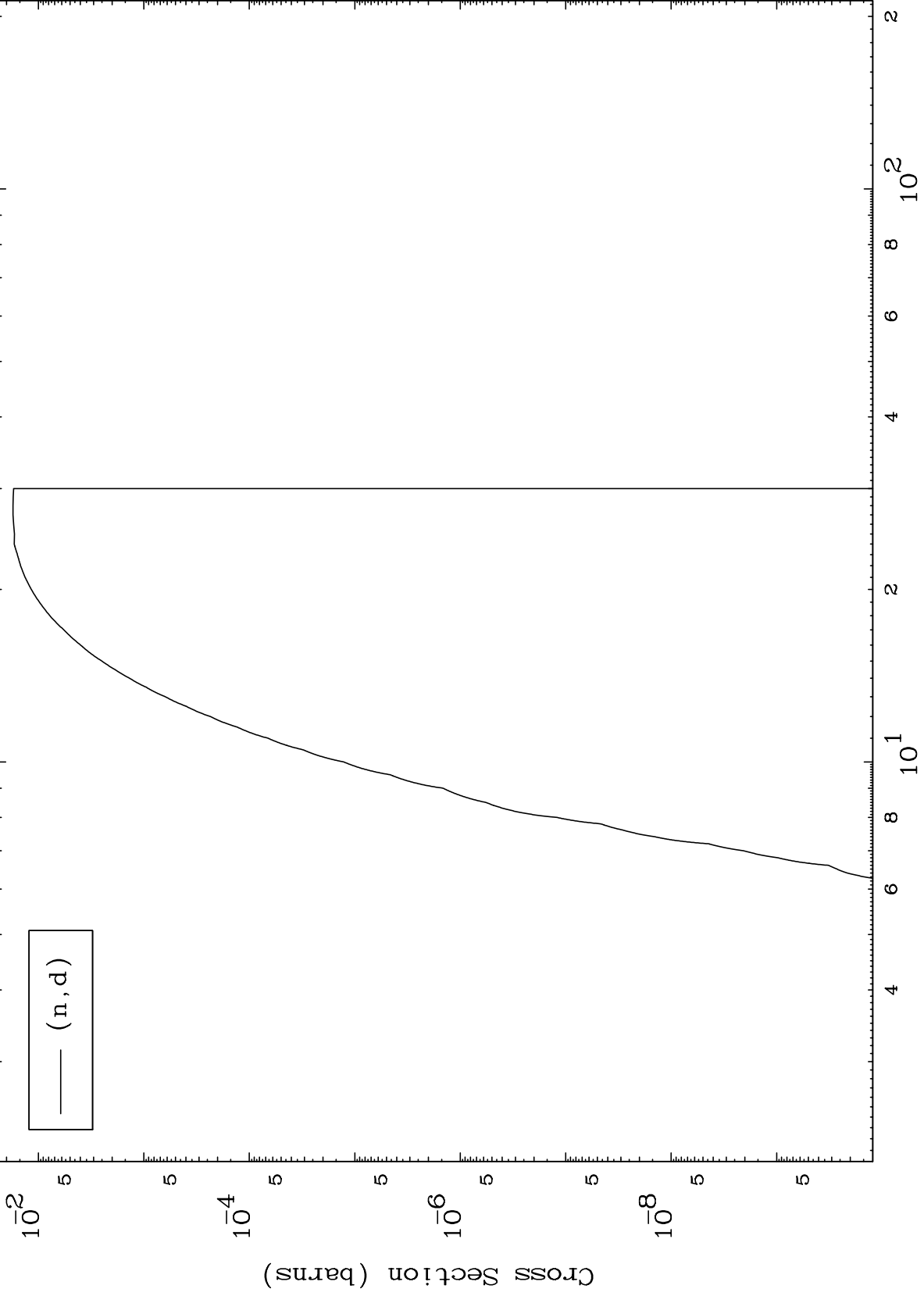
71-Lu-171



MAT 7113

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-171



12

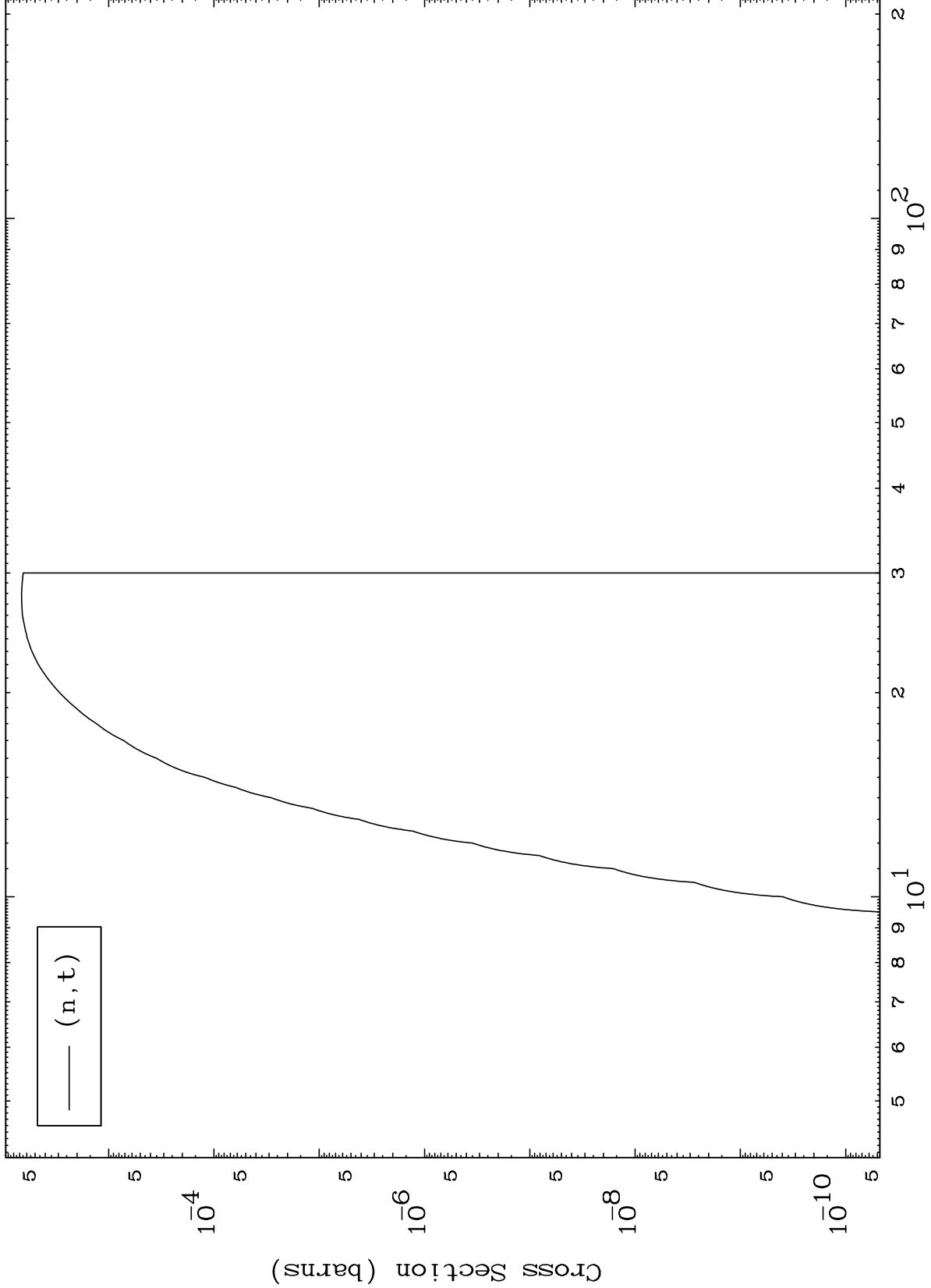
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-171



13

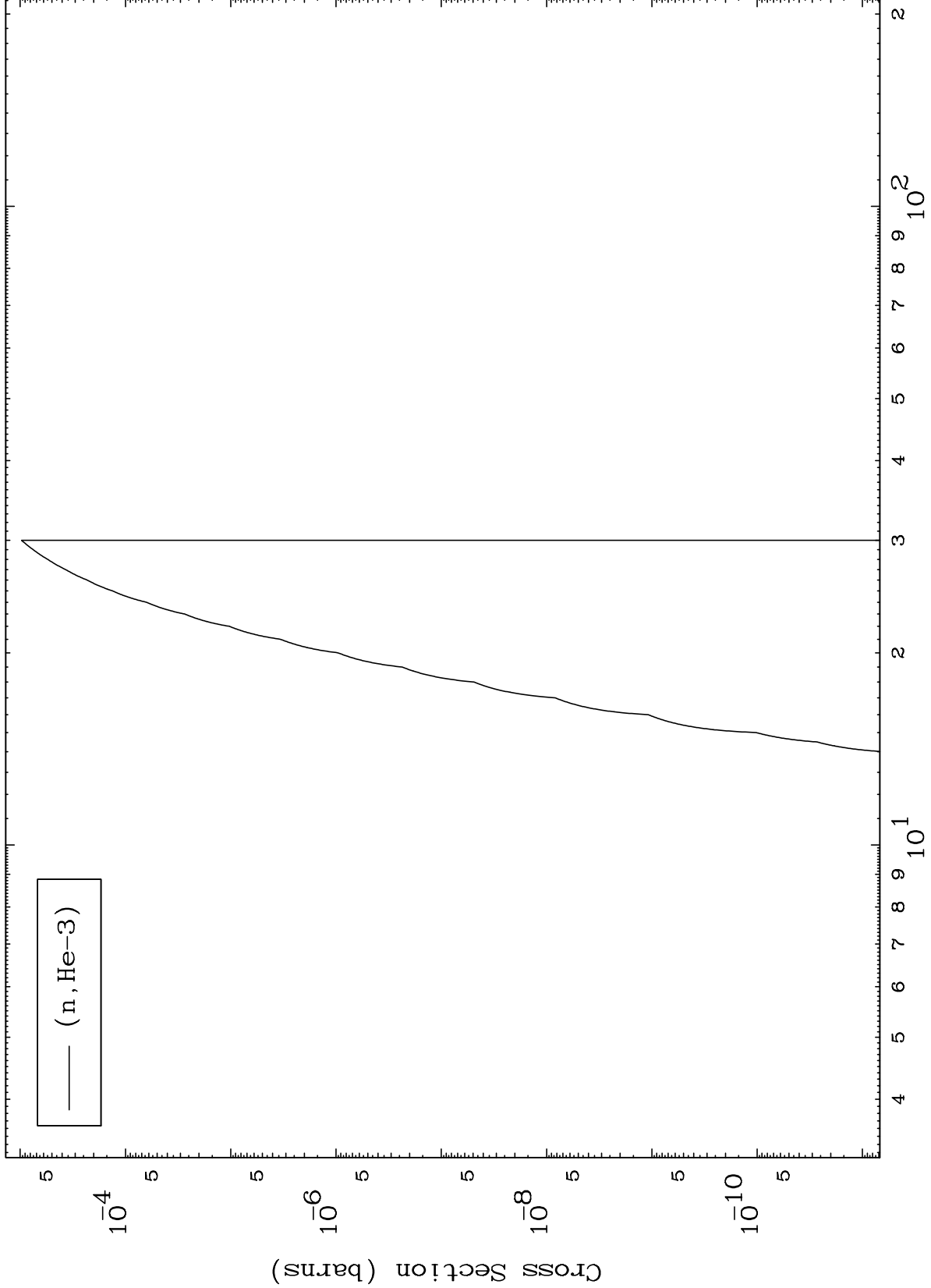
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-171



14

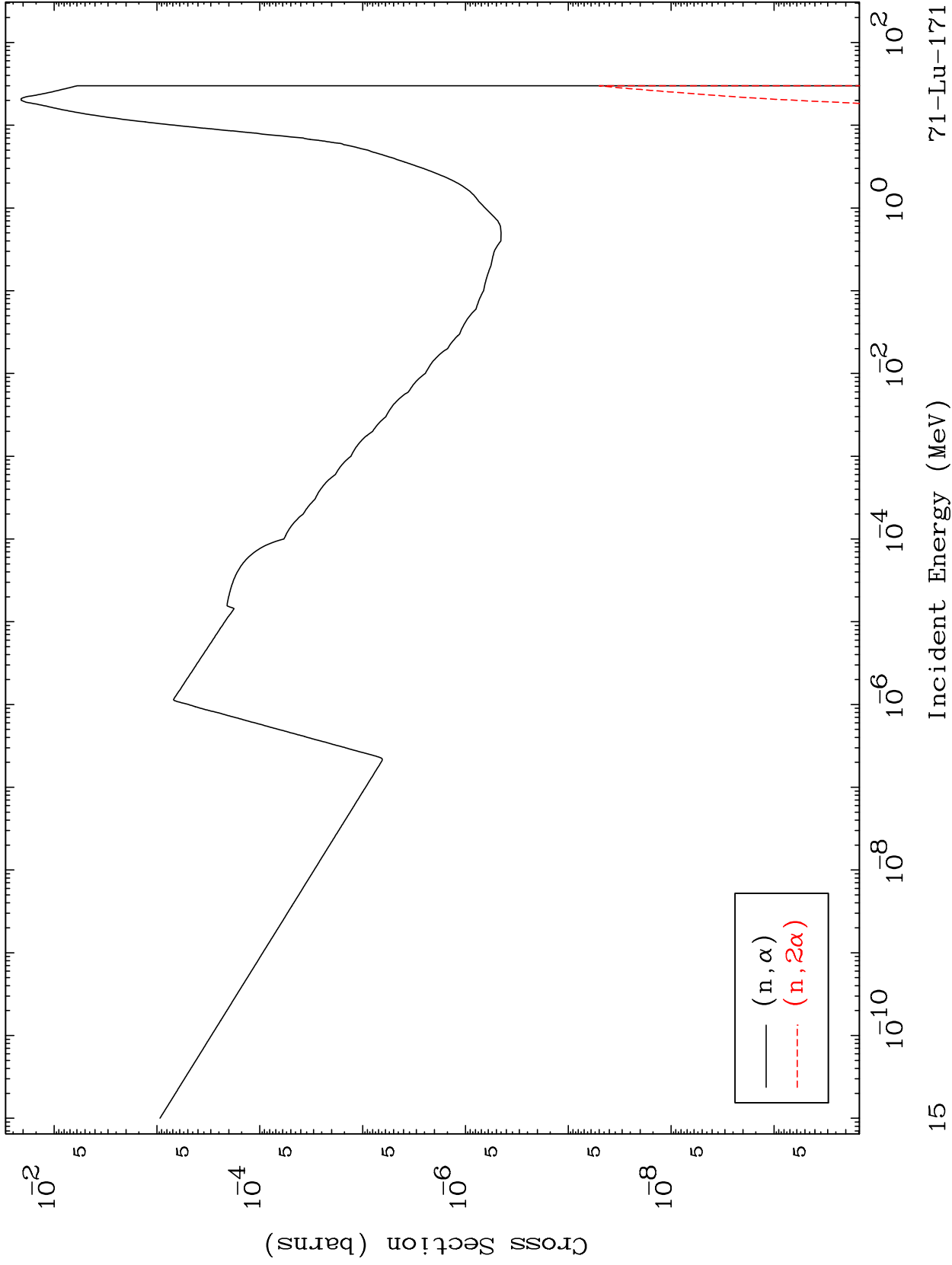
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,α) Levels
293 Kelvin Cross Sections

71-Lu-171



15

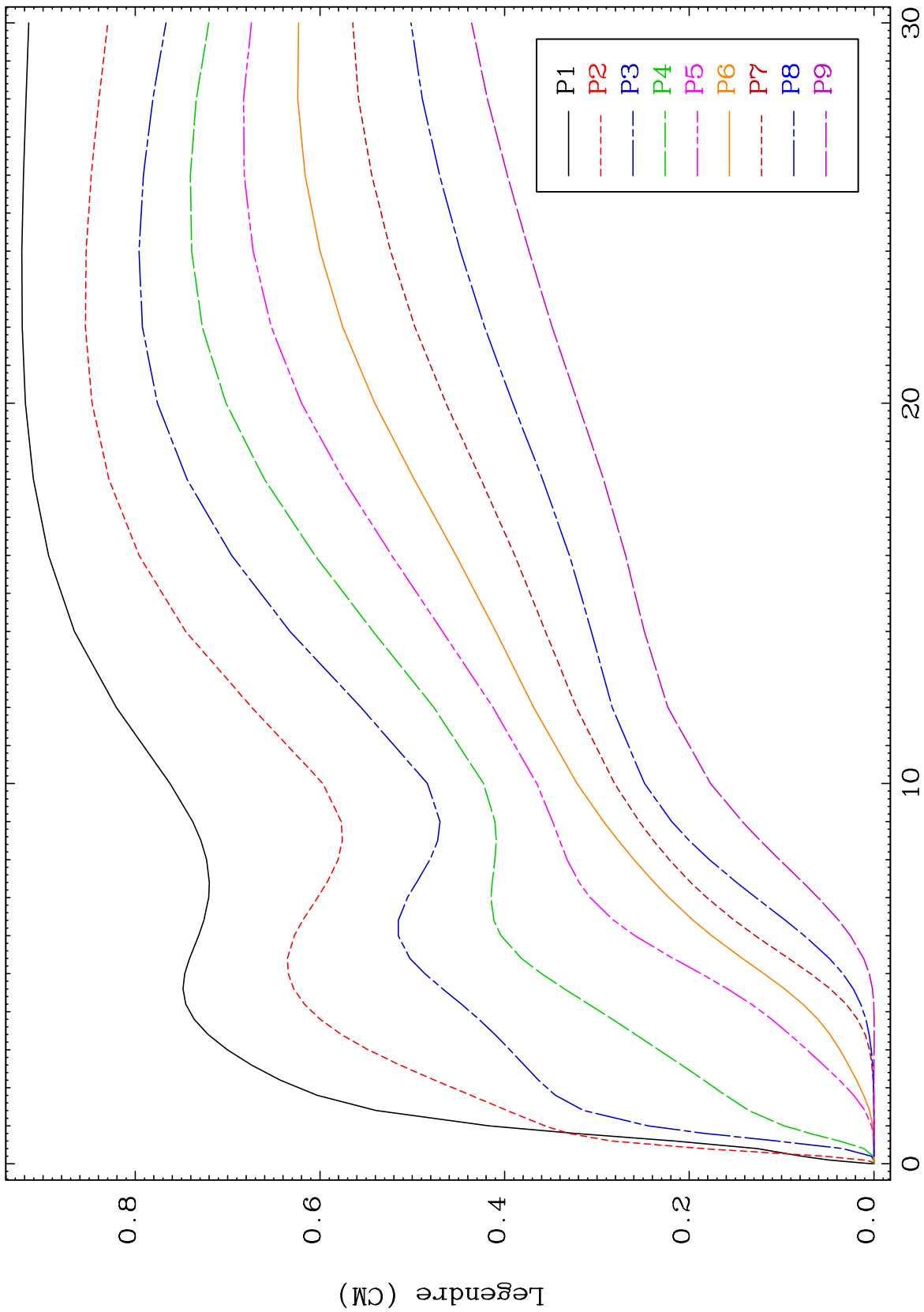
Incident Energy (MeV)

71-Lu-171

MAT 7113

71-Lu-171

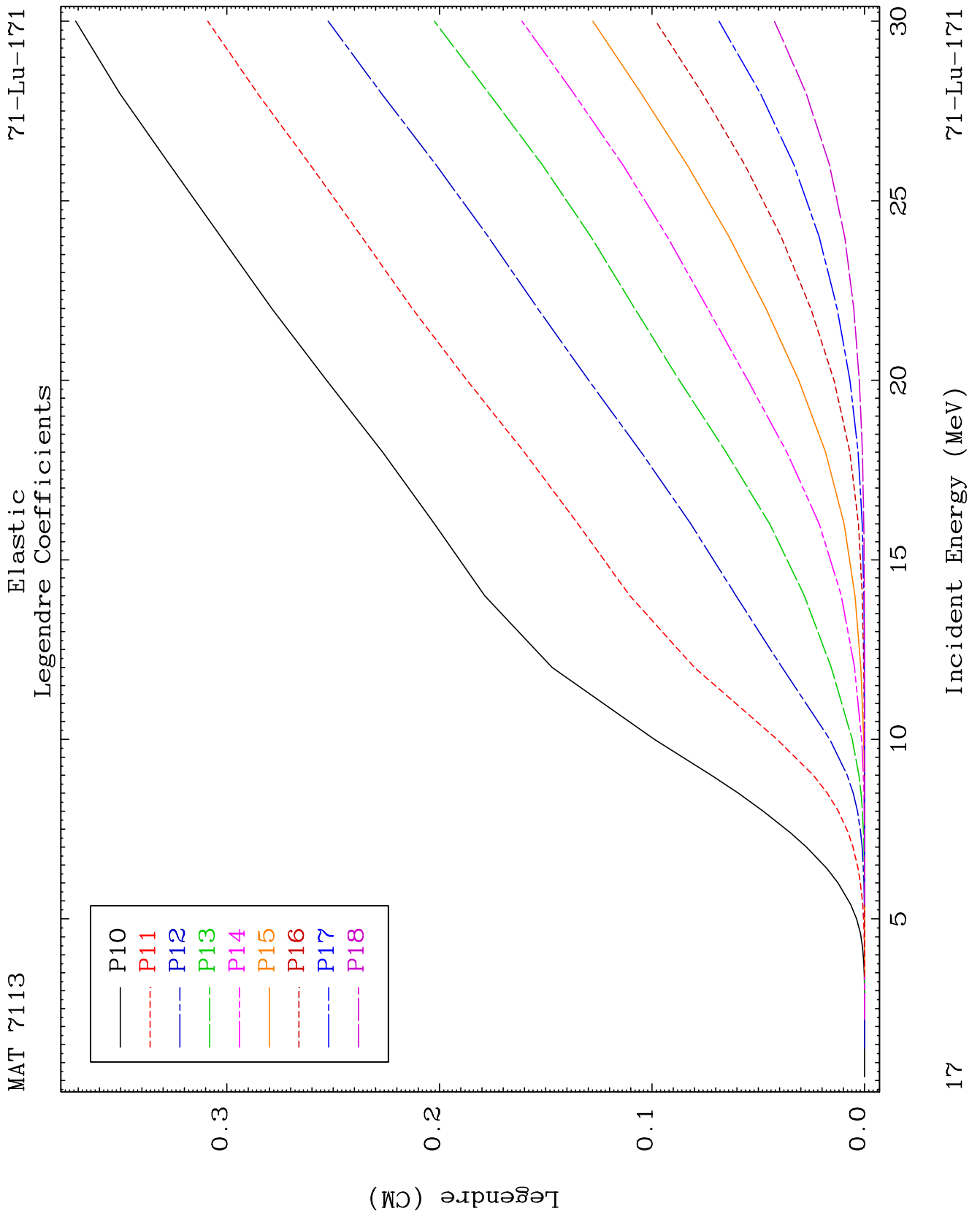
Elastic Legendre Coefficients



71-Lu-171

Incident Energy (MeV)

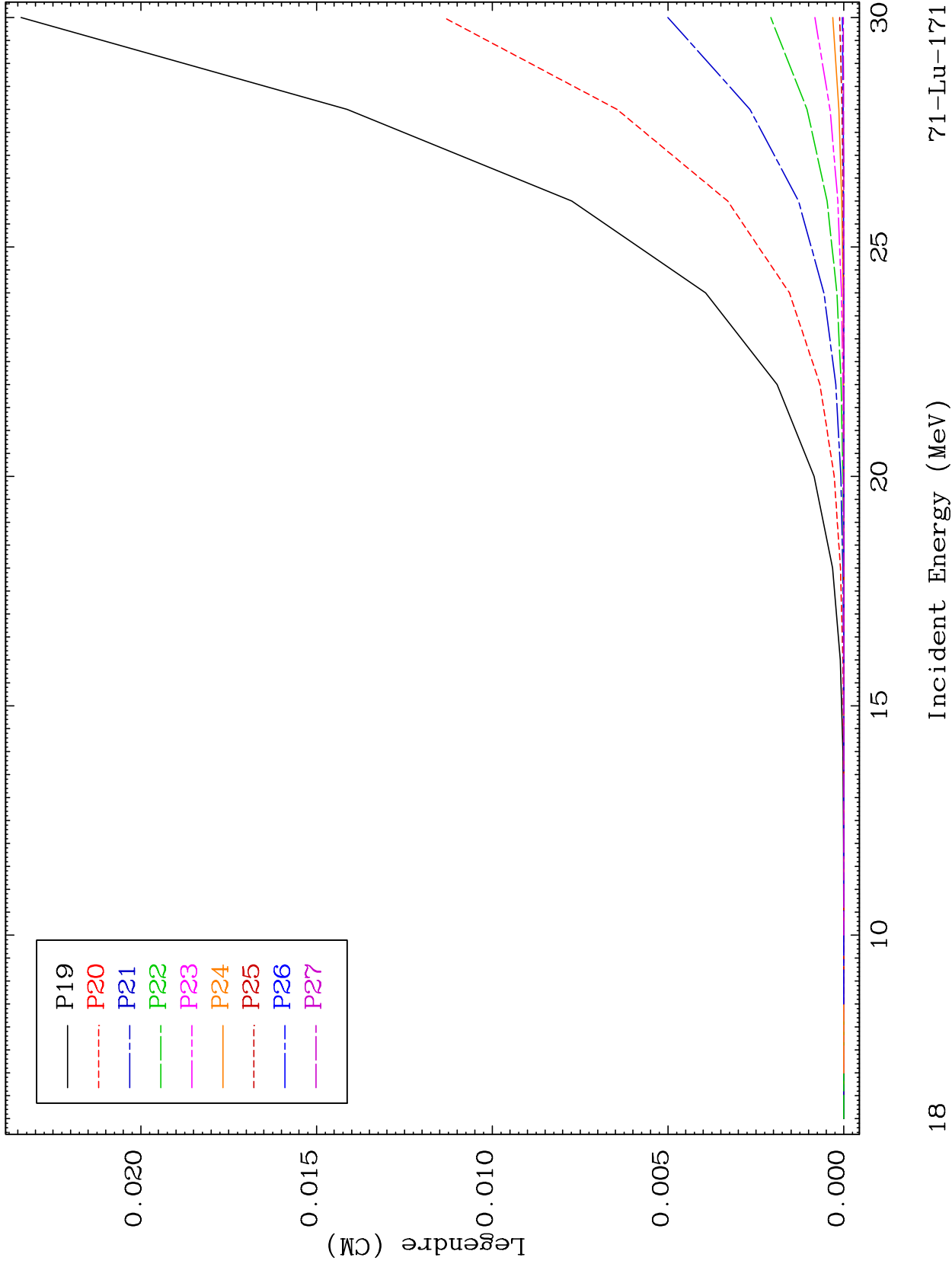
16



MAT 7113

Elastic Legendre Coefficients

71-Lu-171



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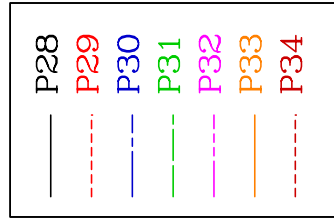
Incident Energy (MeV)

71-Lu-171

MAT 7113

Elastic
Legendre Coefficients

71-Lu-171

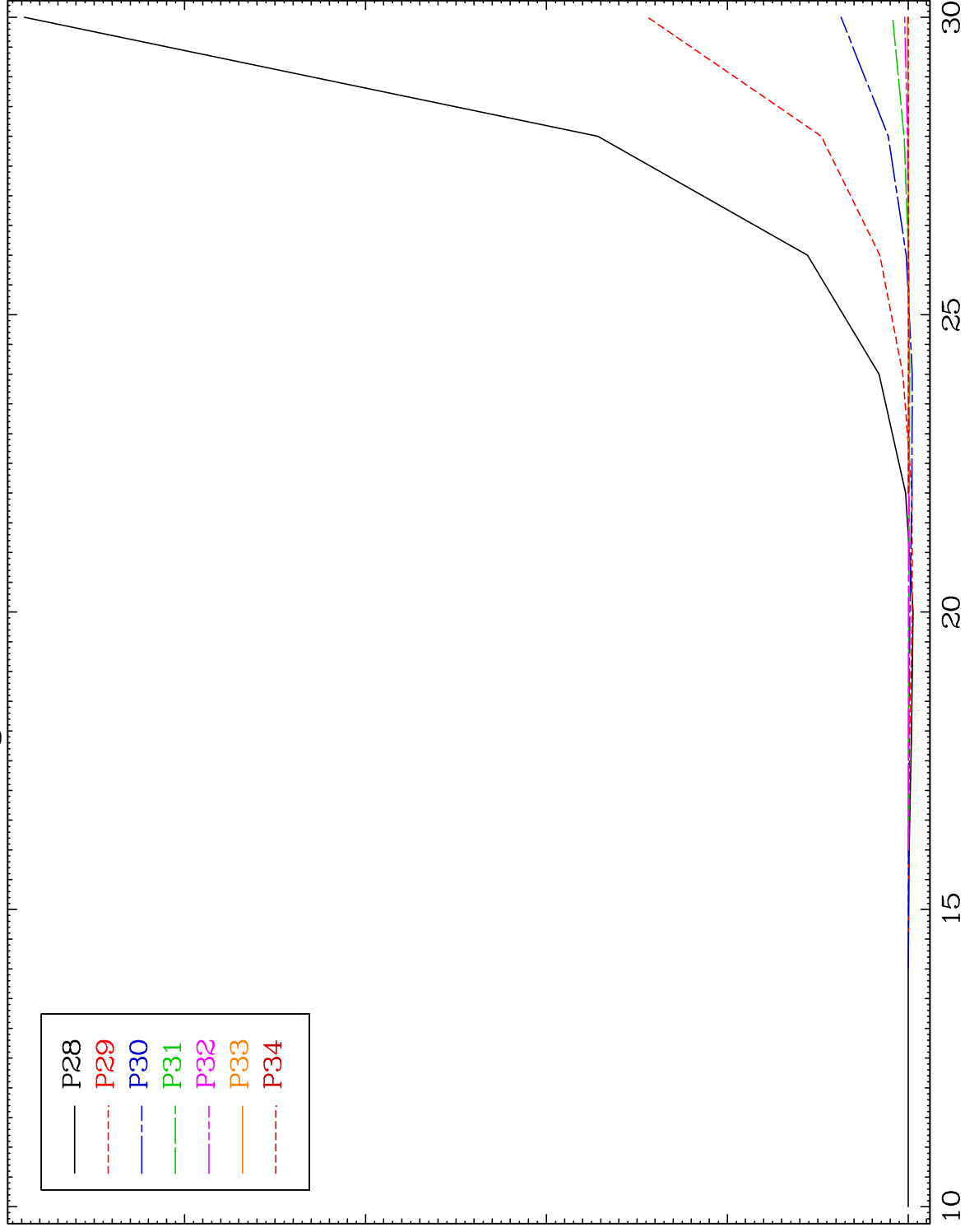


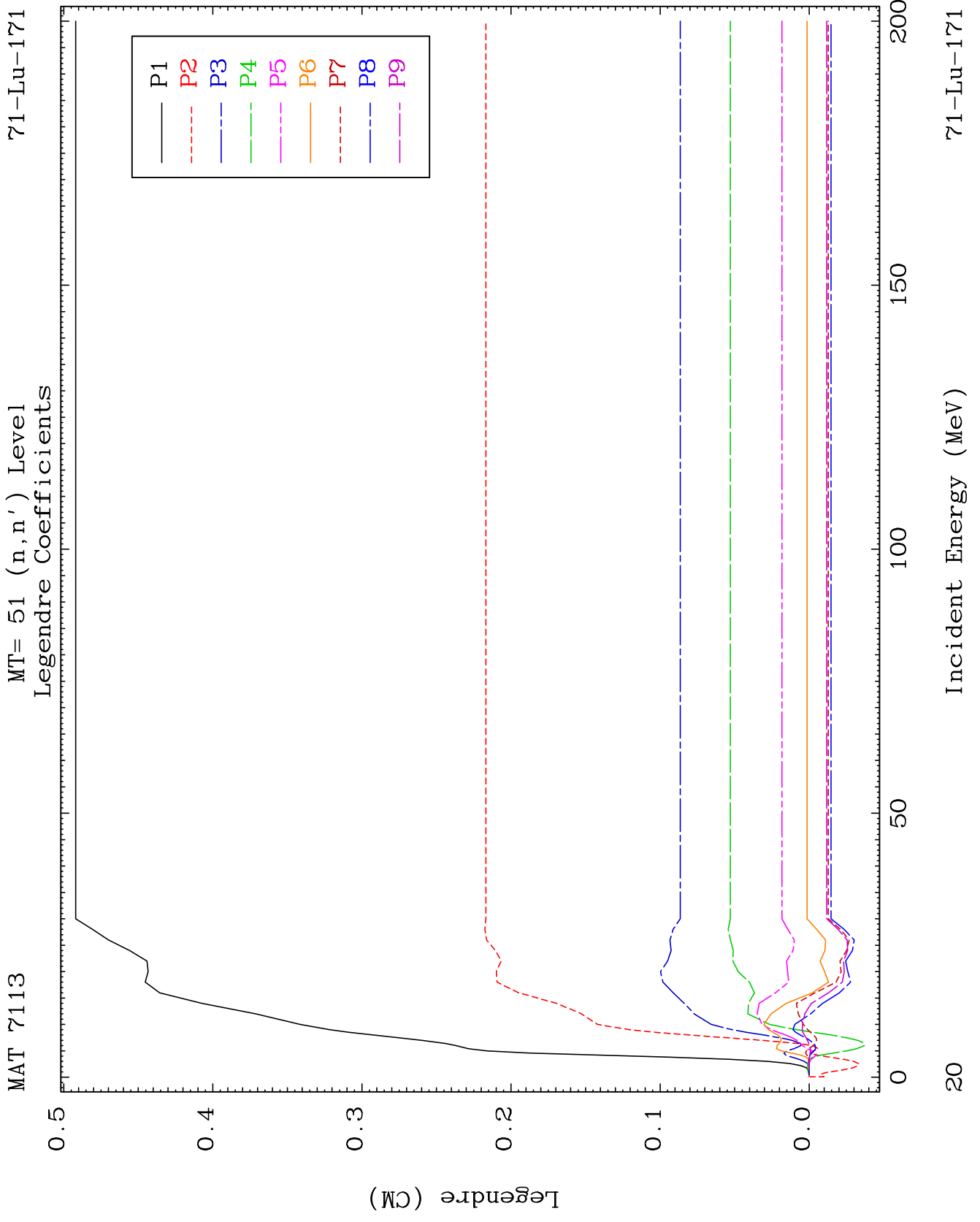
$\times 10^{-6}$

Legendre (CM)

Incident Energy (MeV)

71-Lu-171

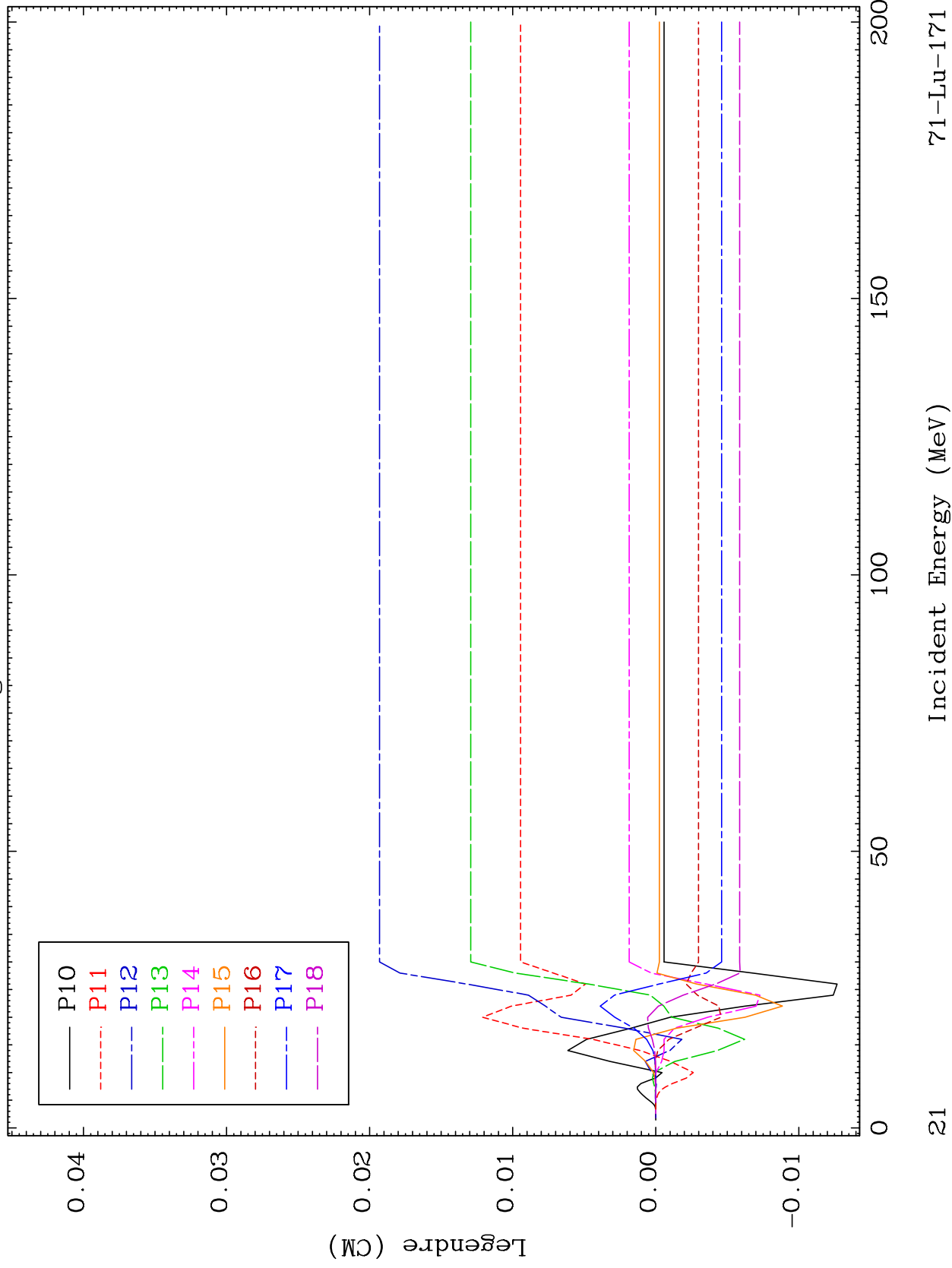




MAT 7113

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

71-Lu-171



21

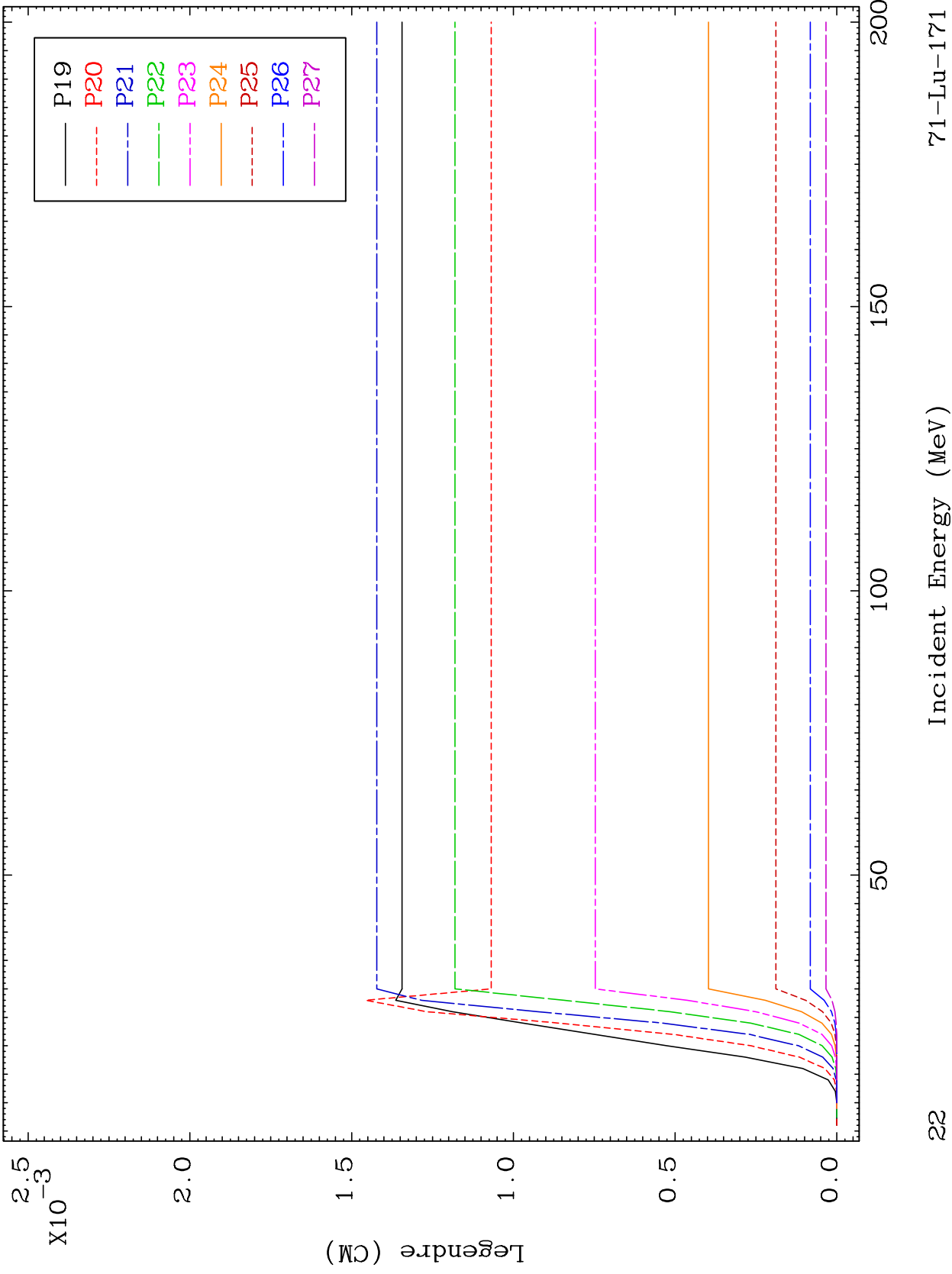
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



22

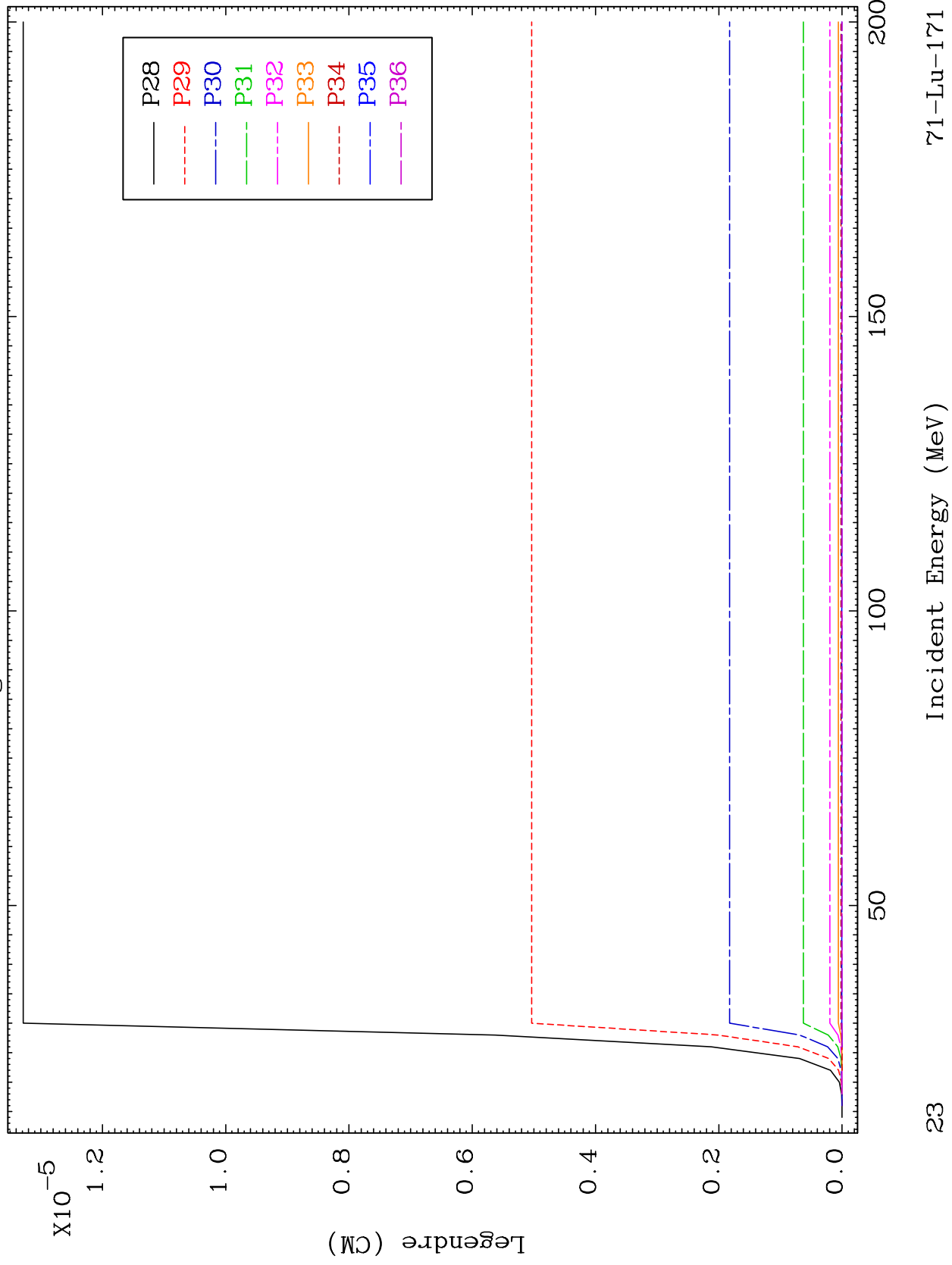
Incident Energy (MeV)

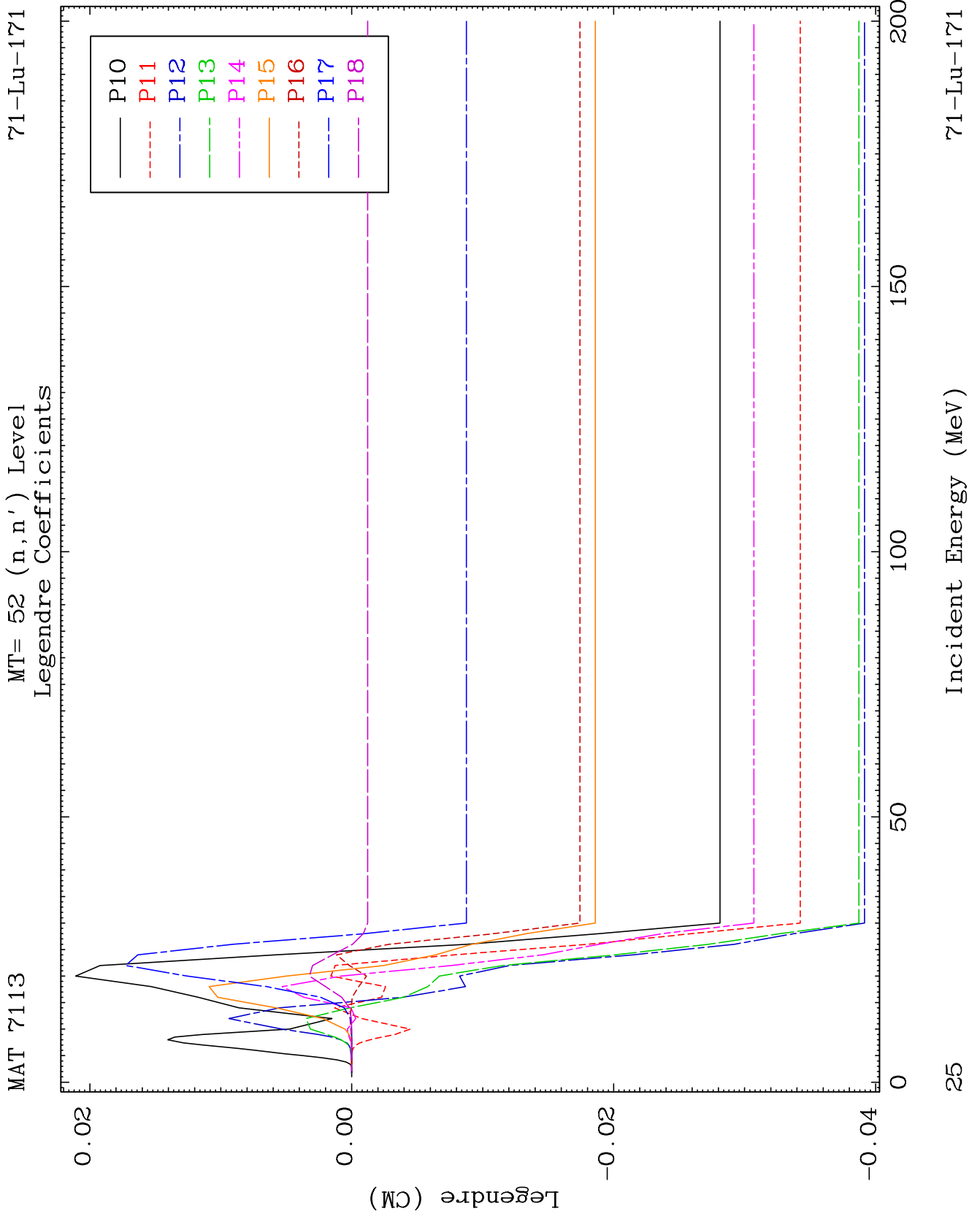
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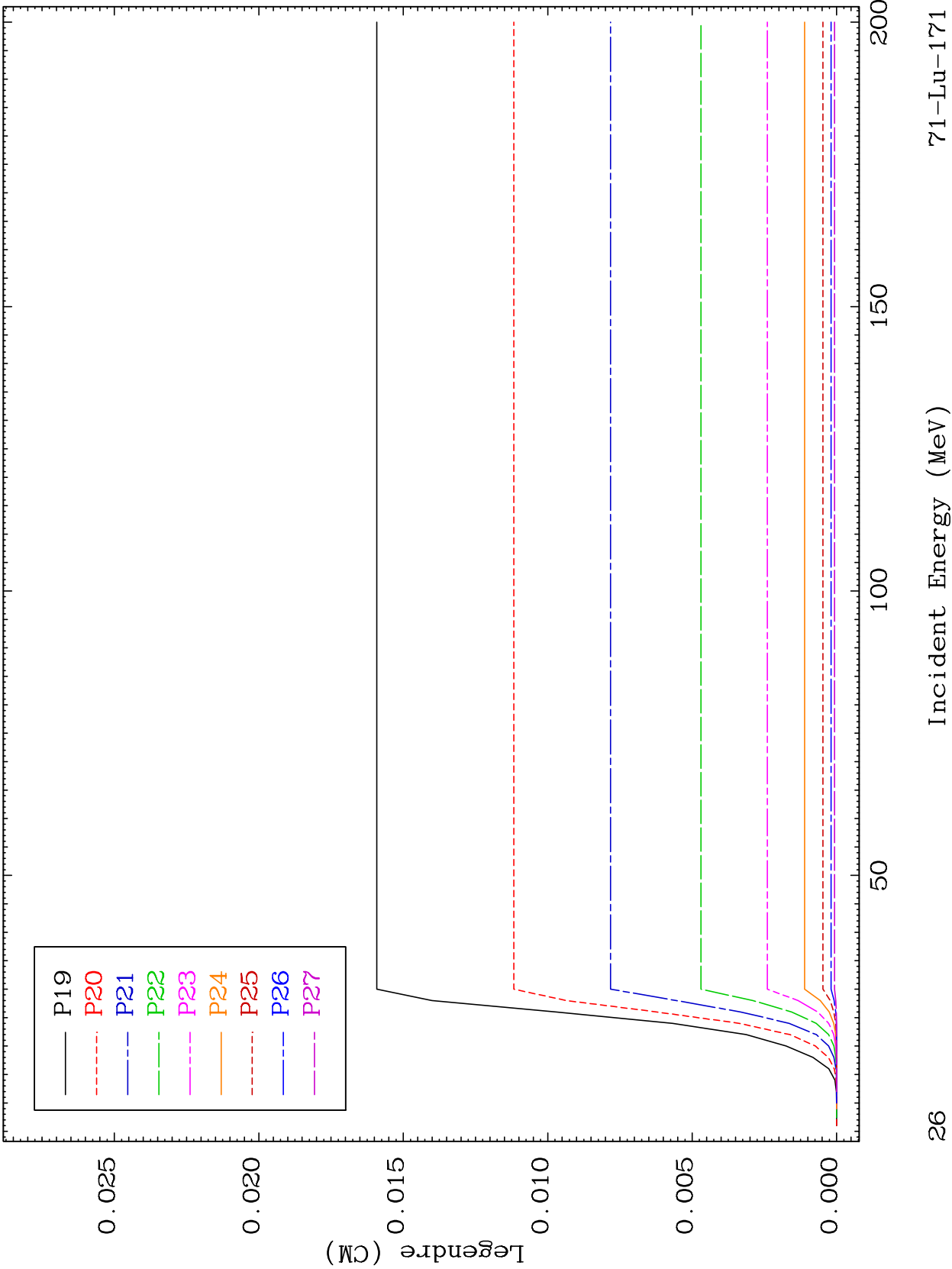
MAT 7113

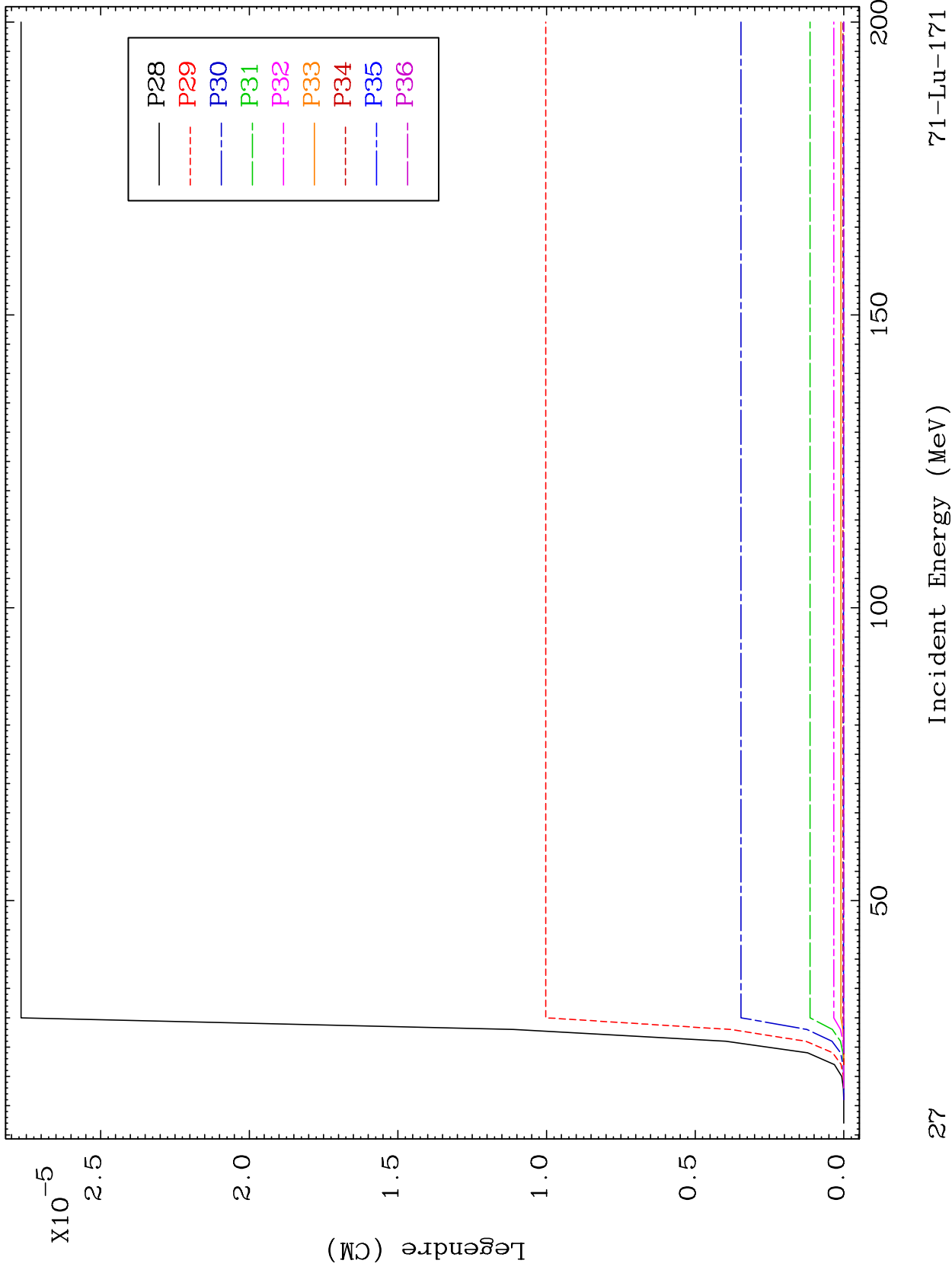
MT= 51 (n,n') Level
Legendre Coefficients

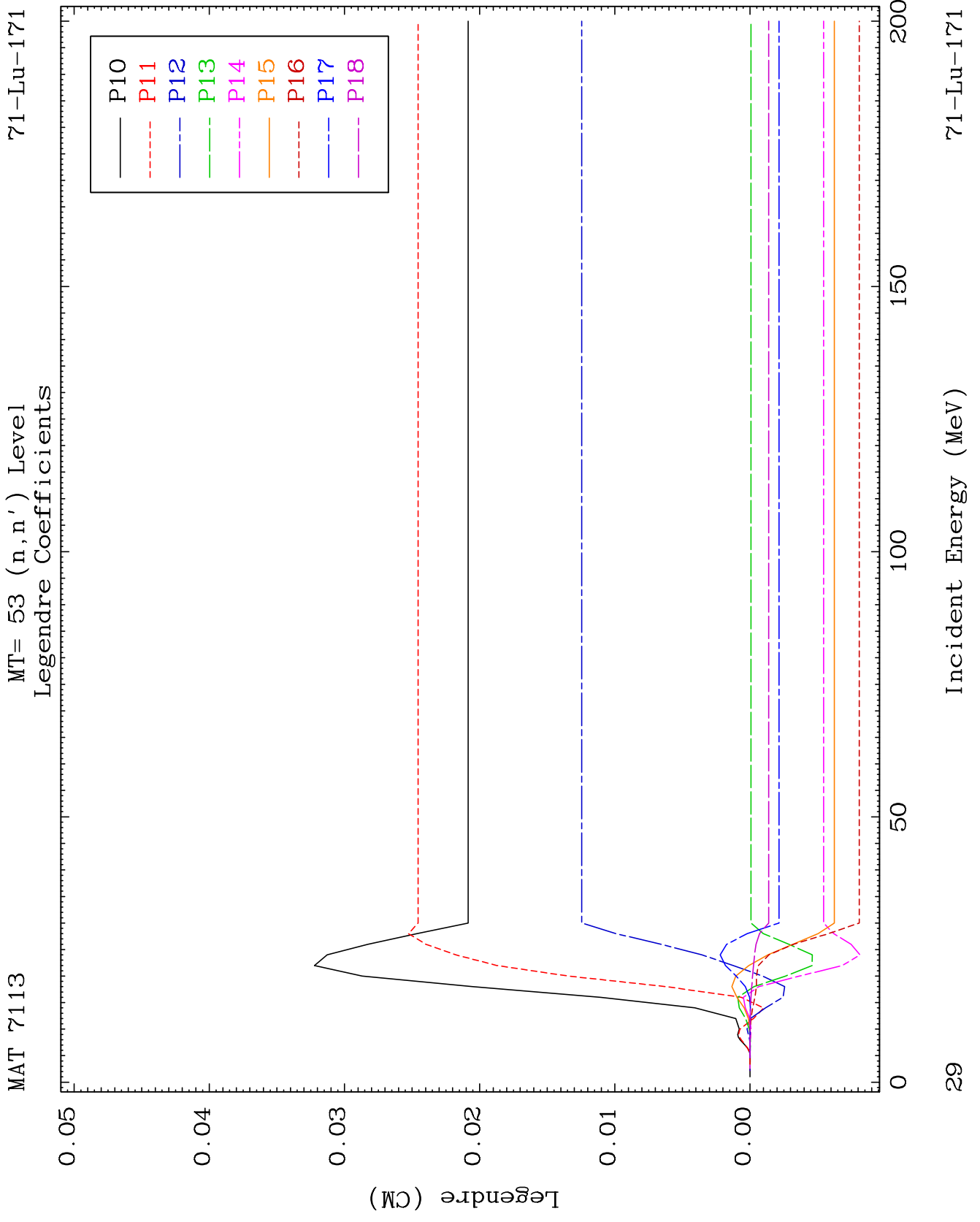
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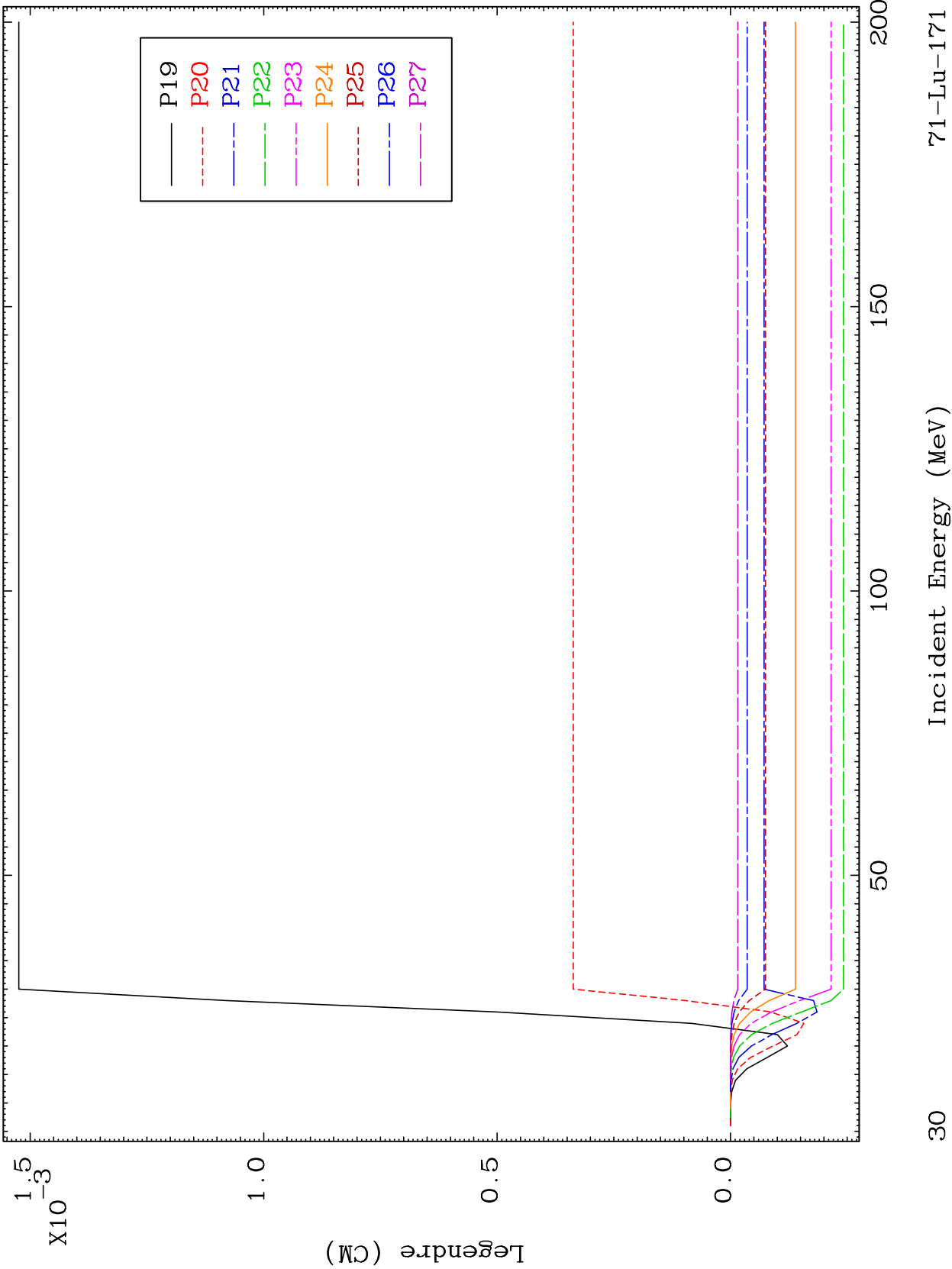




MAT 7113

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

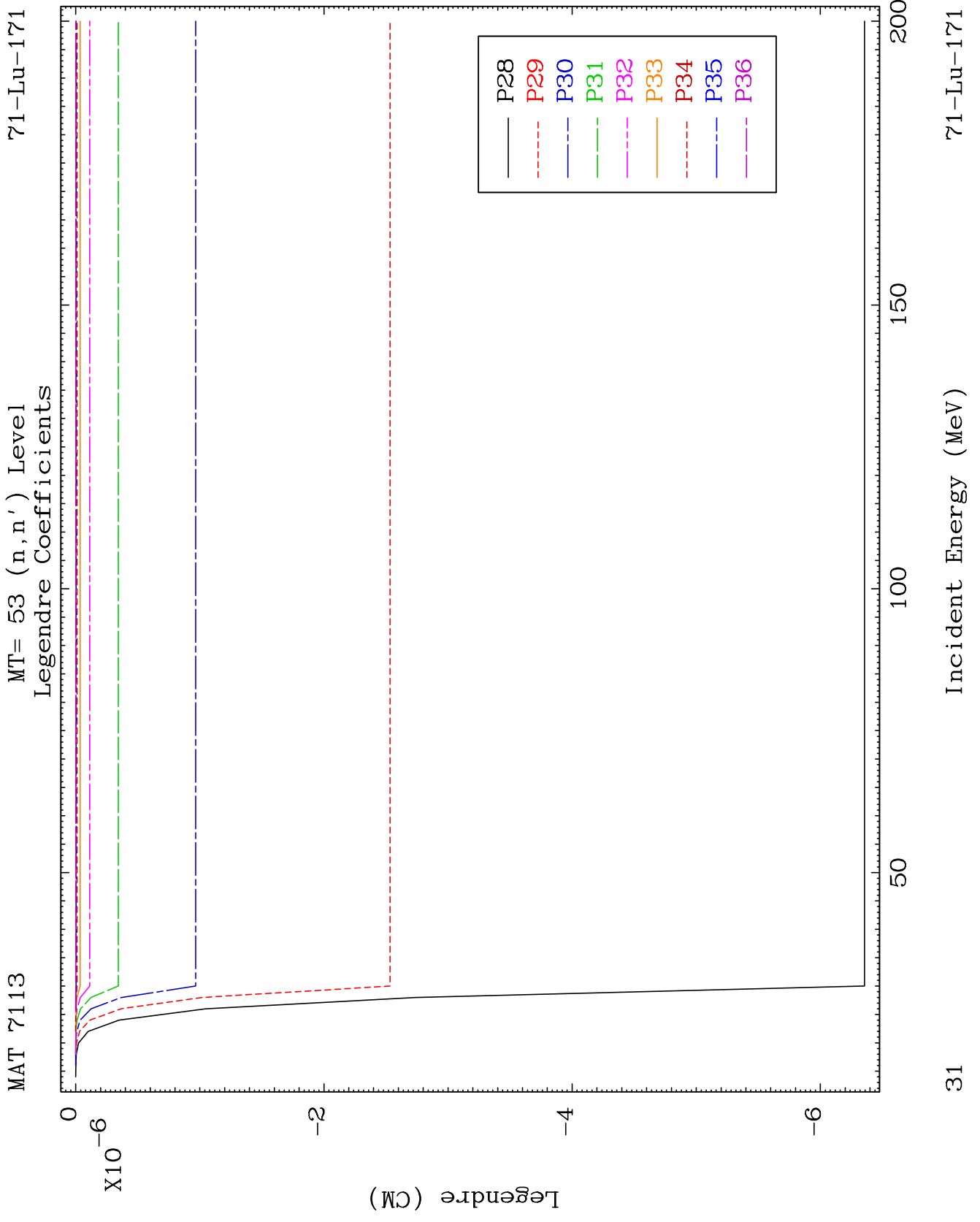
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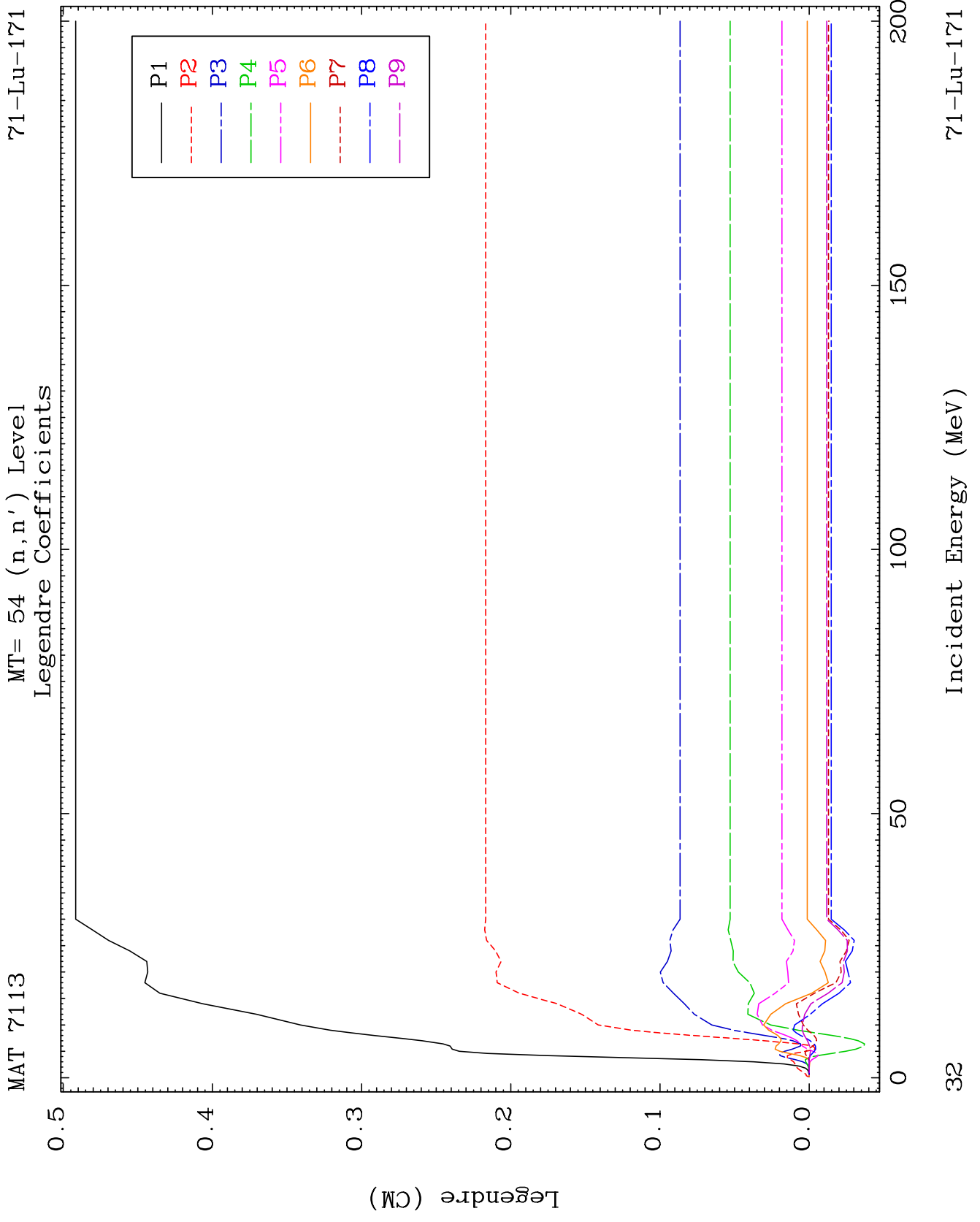


30

Incident Energy (MeV)

71-Lu-171

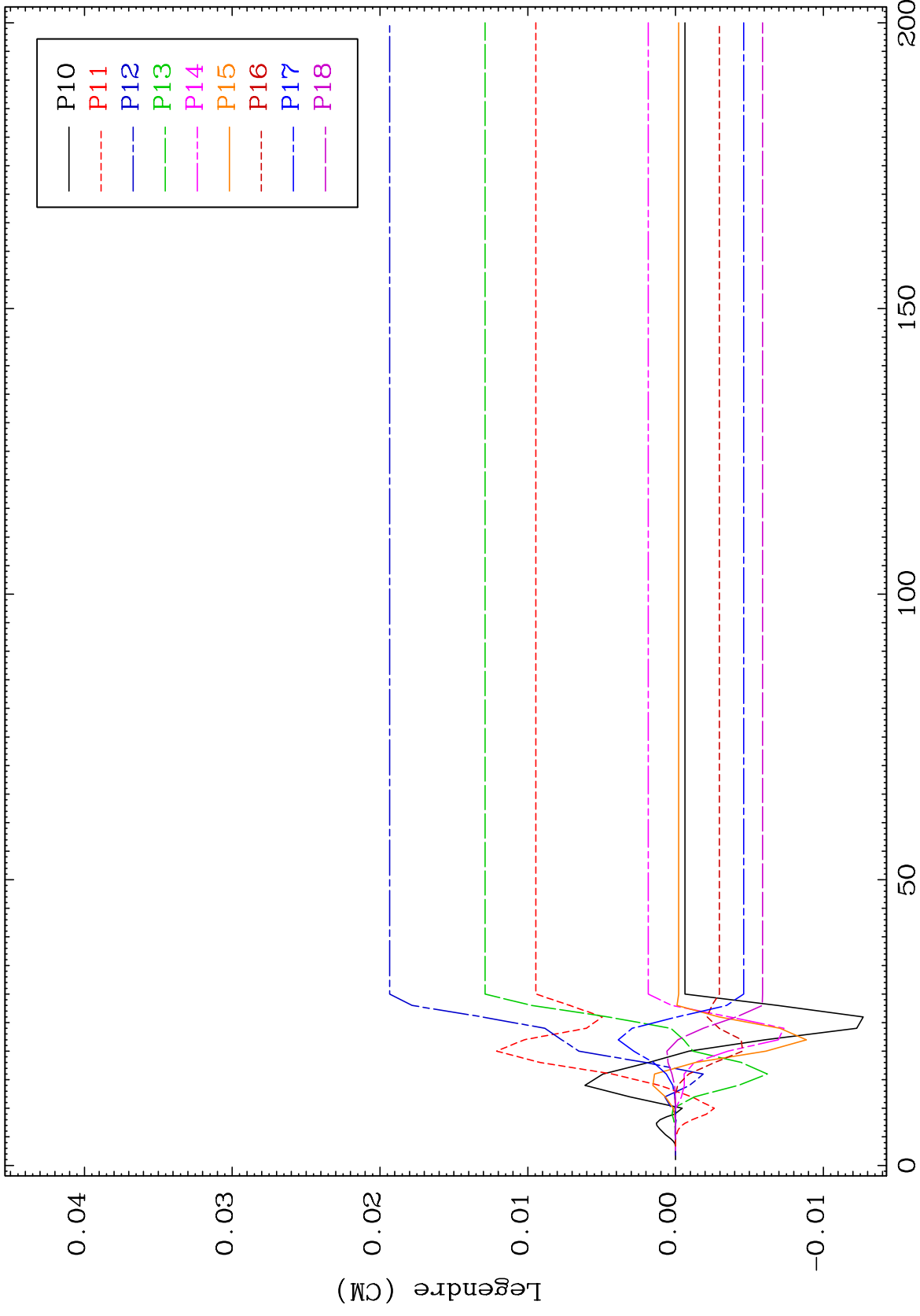




MAT 7113

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

71-Lu-171



33

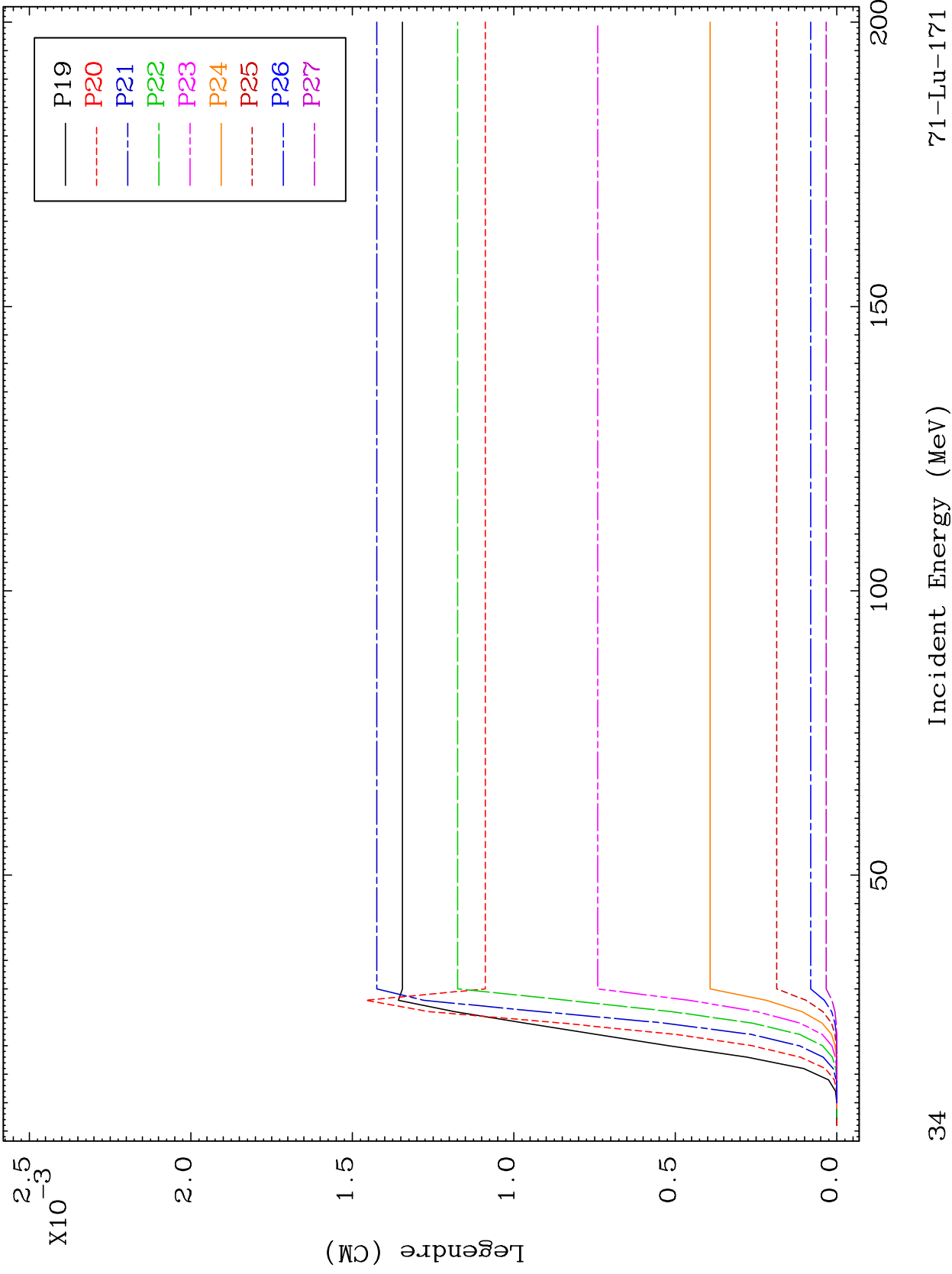
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



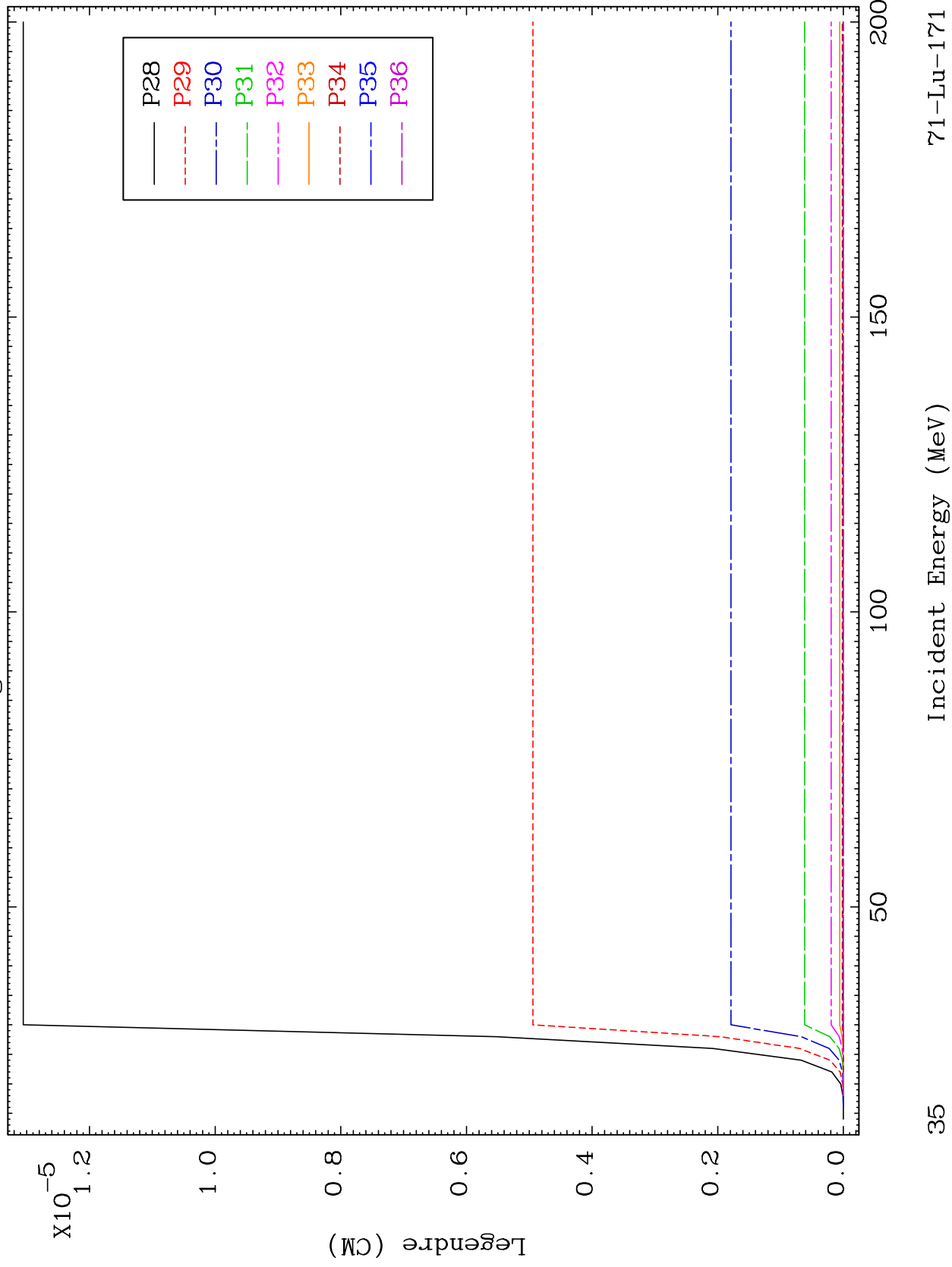
34

71-Lu-171

MAT 7113

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

71-Lu-171



35

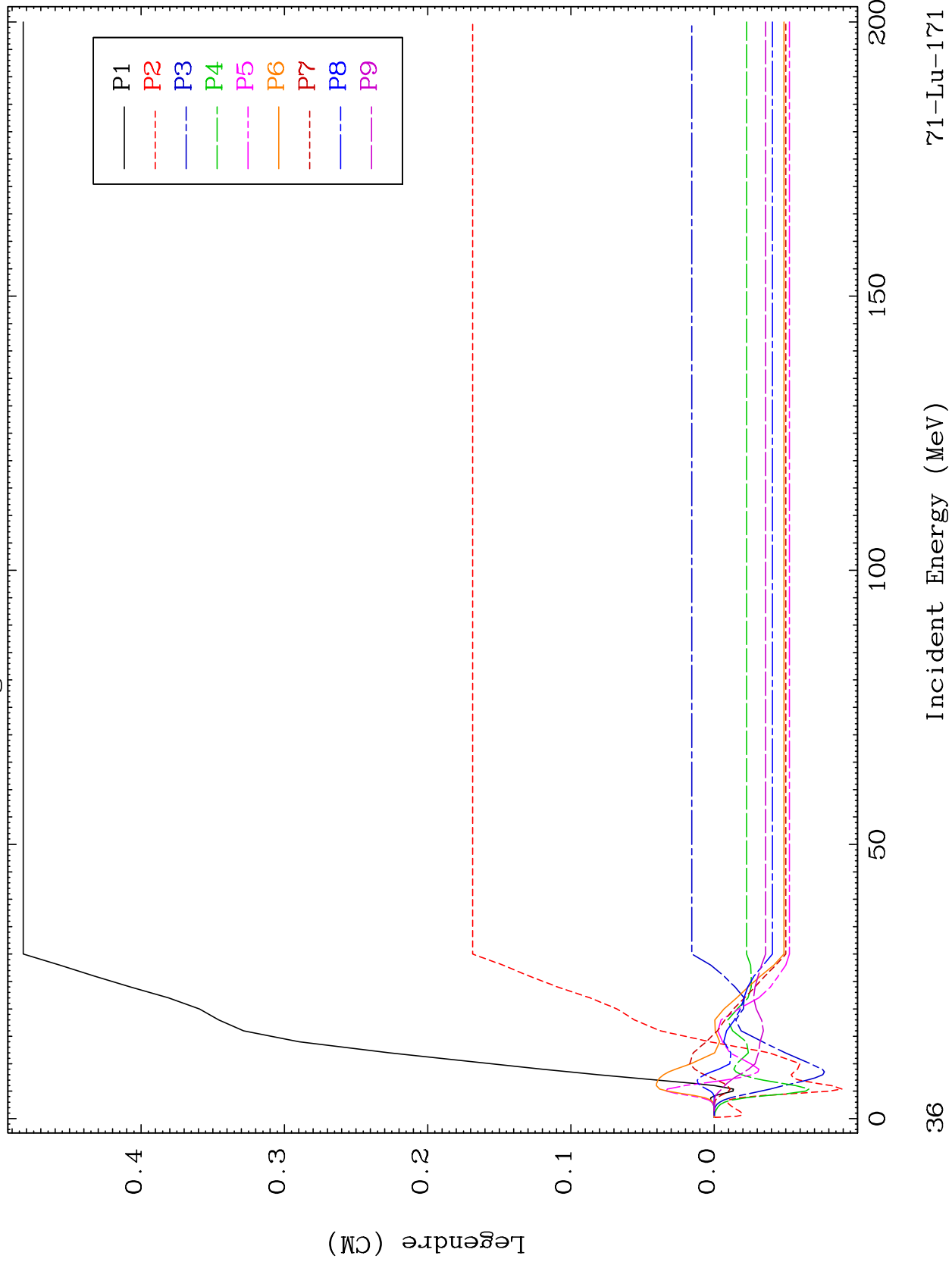
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



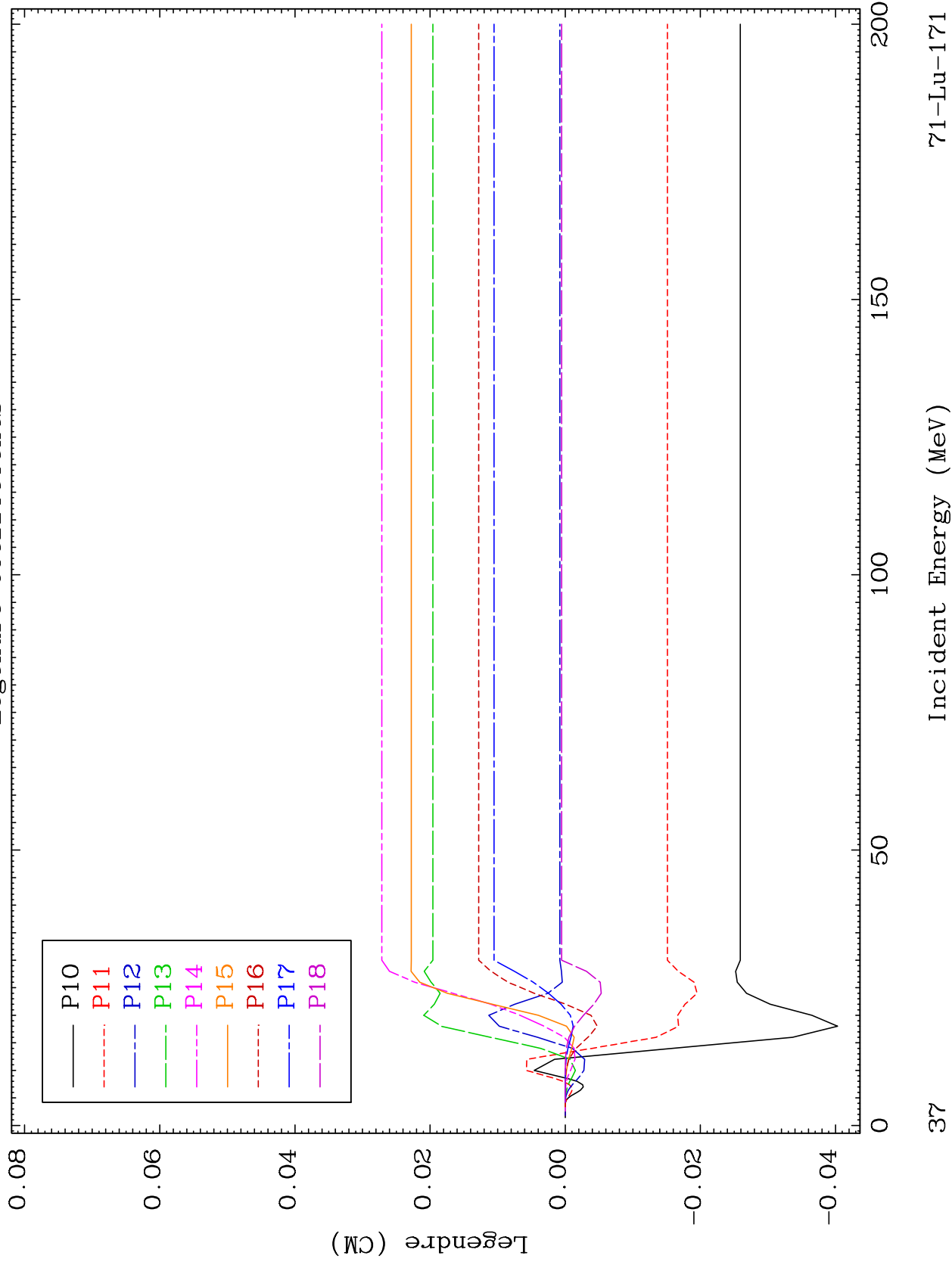
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71-Lu-171

MAT 7113

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

71-Lu-171



37

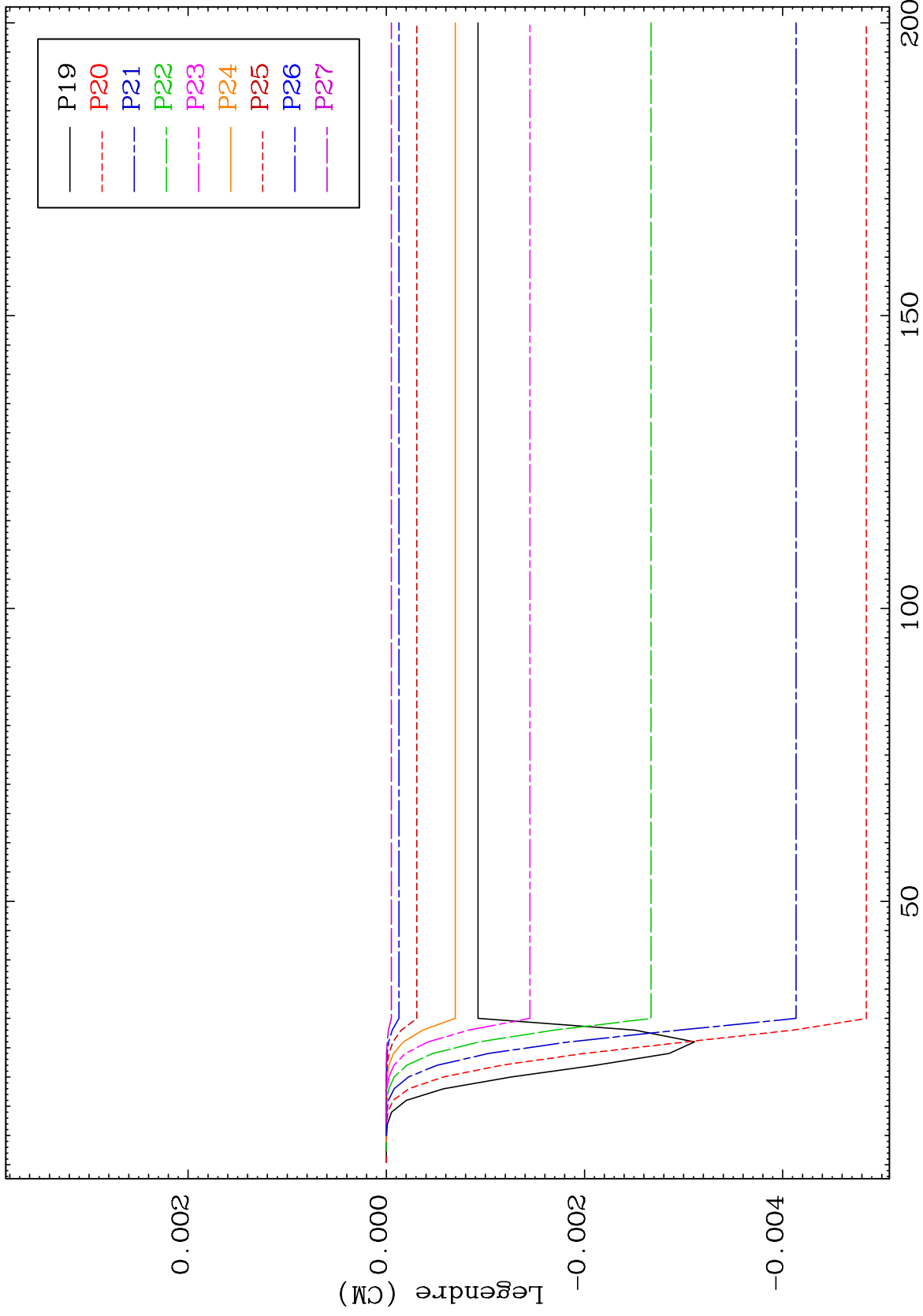
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

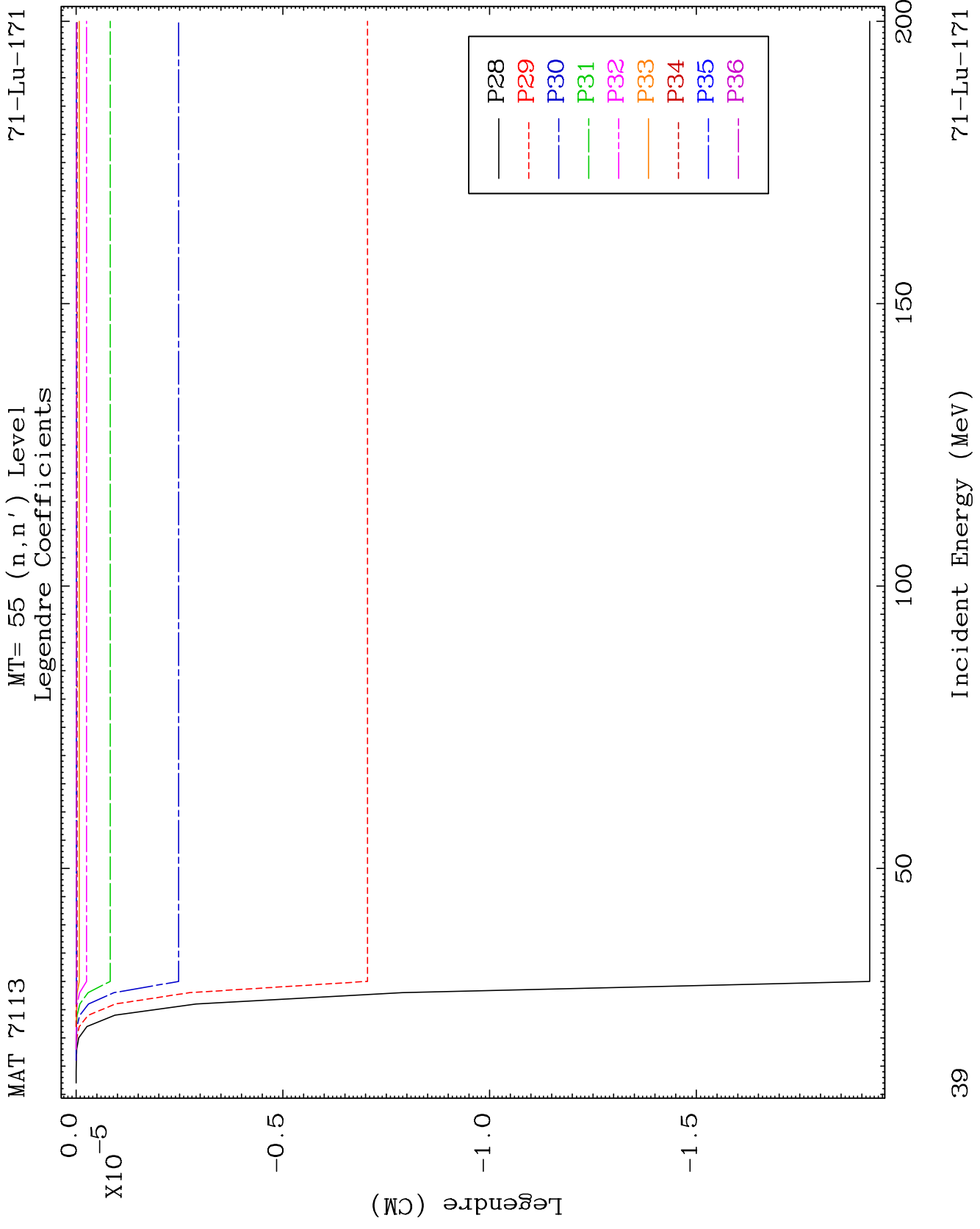
71-Lu-171



38

Incident Energy (MeV)

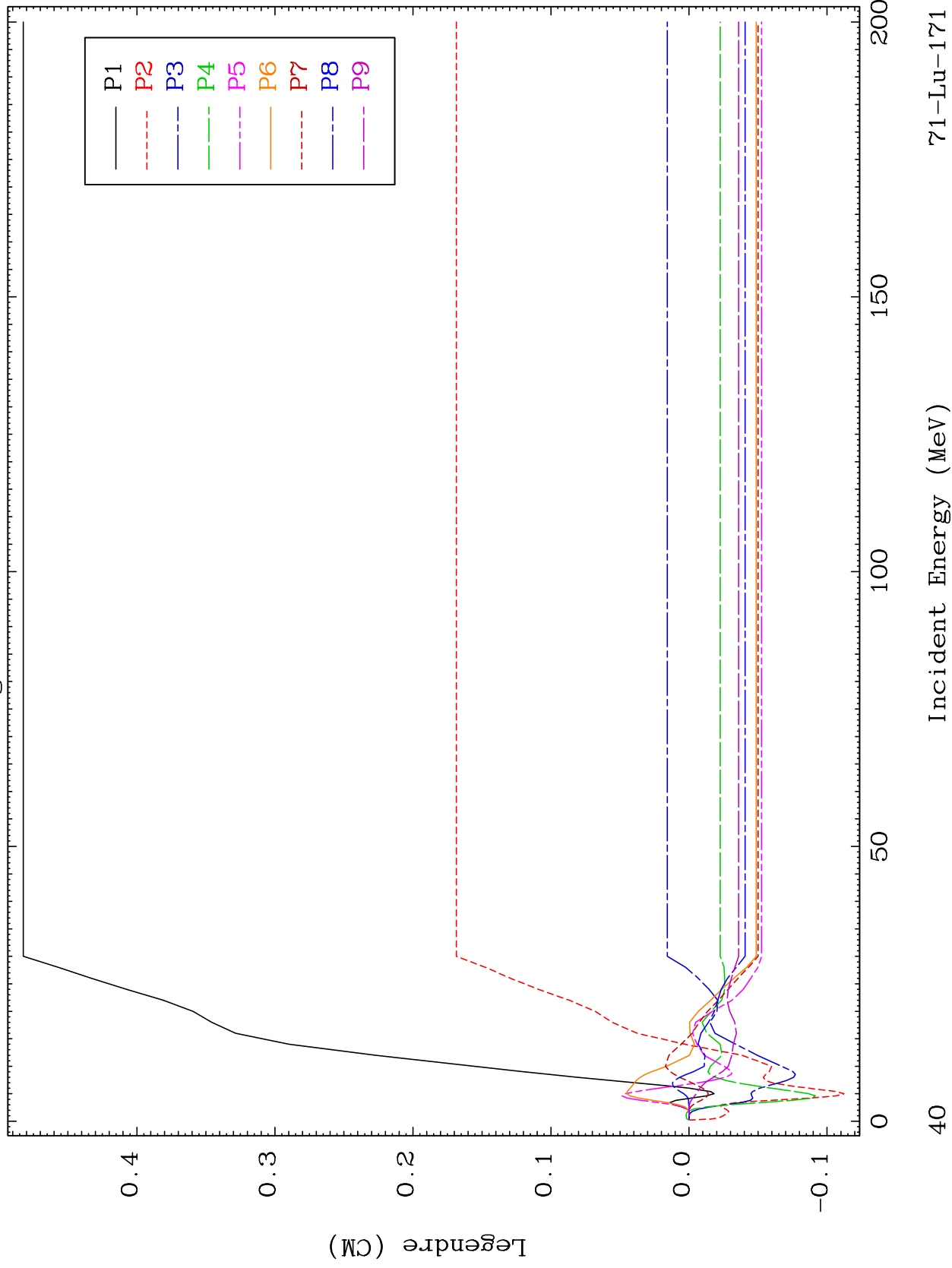
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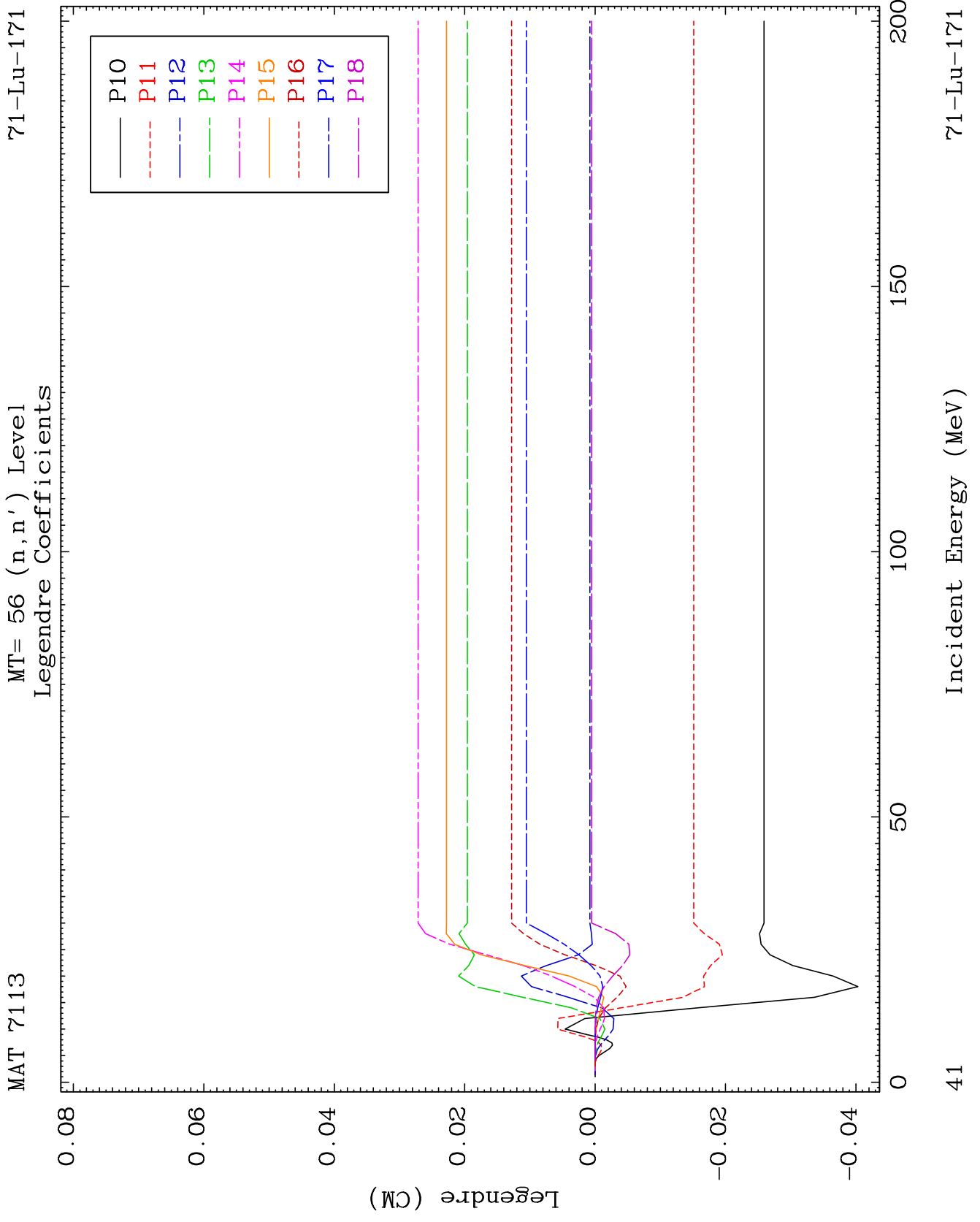


MAT 7113

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

71-Lu-171

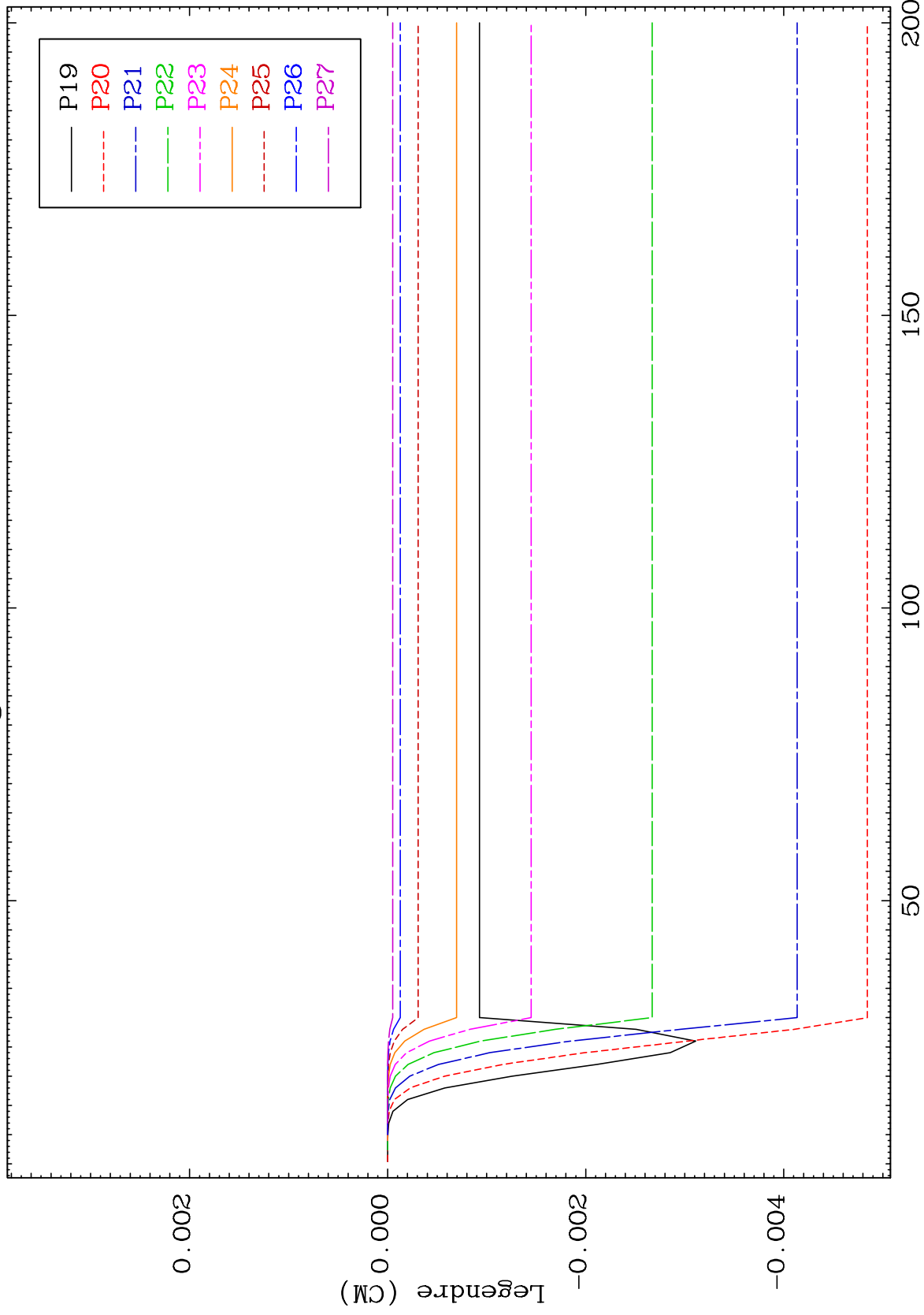




MAT 7113

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

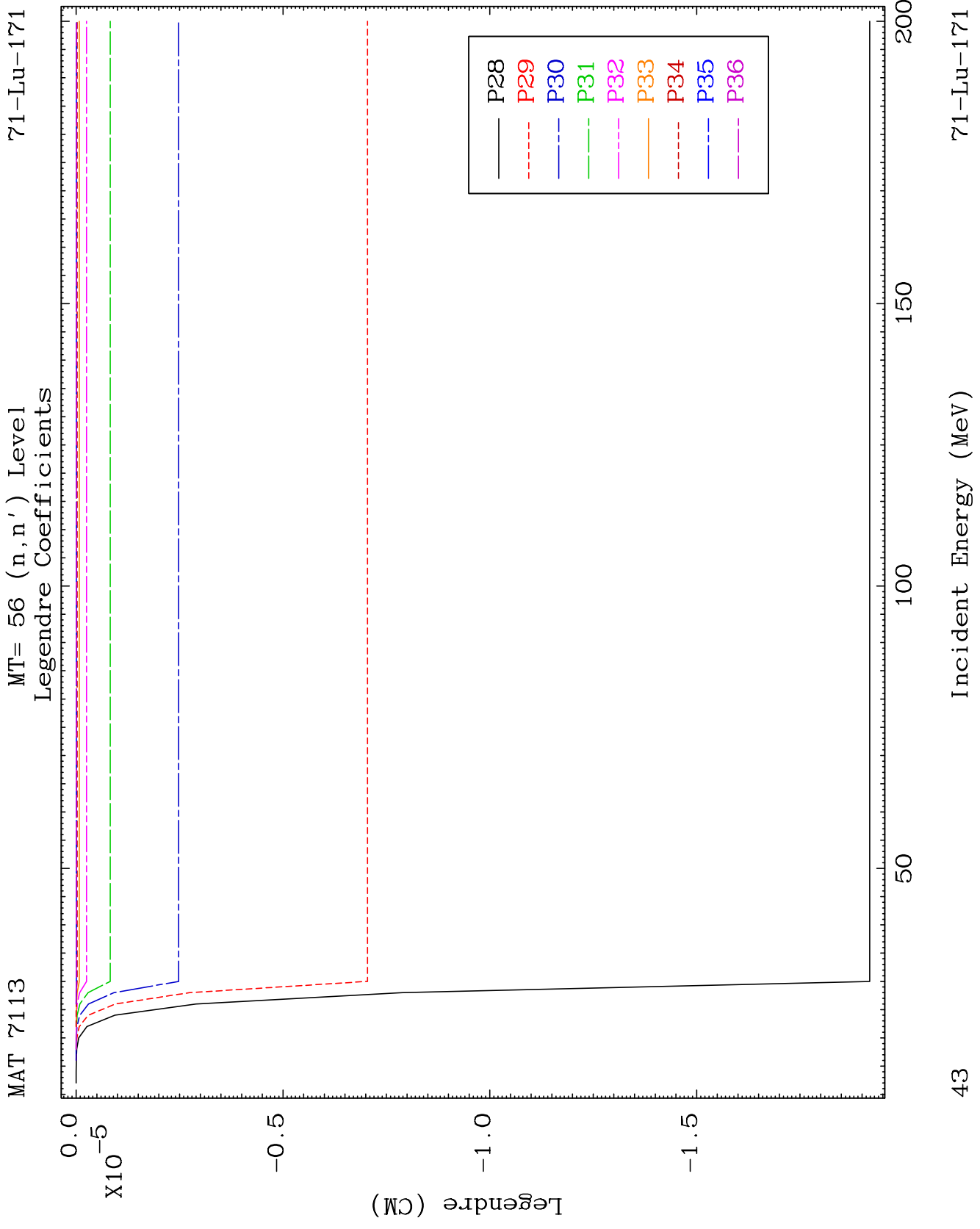
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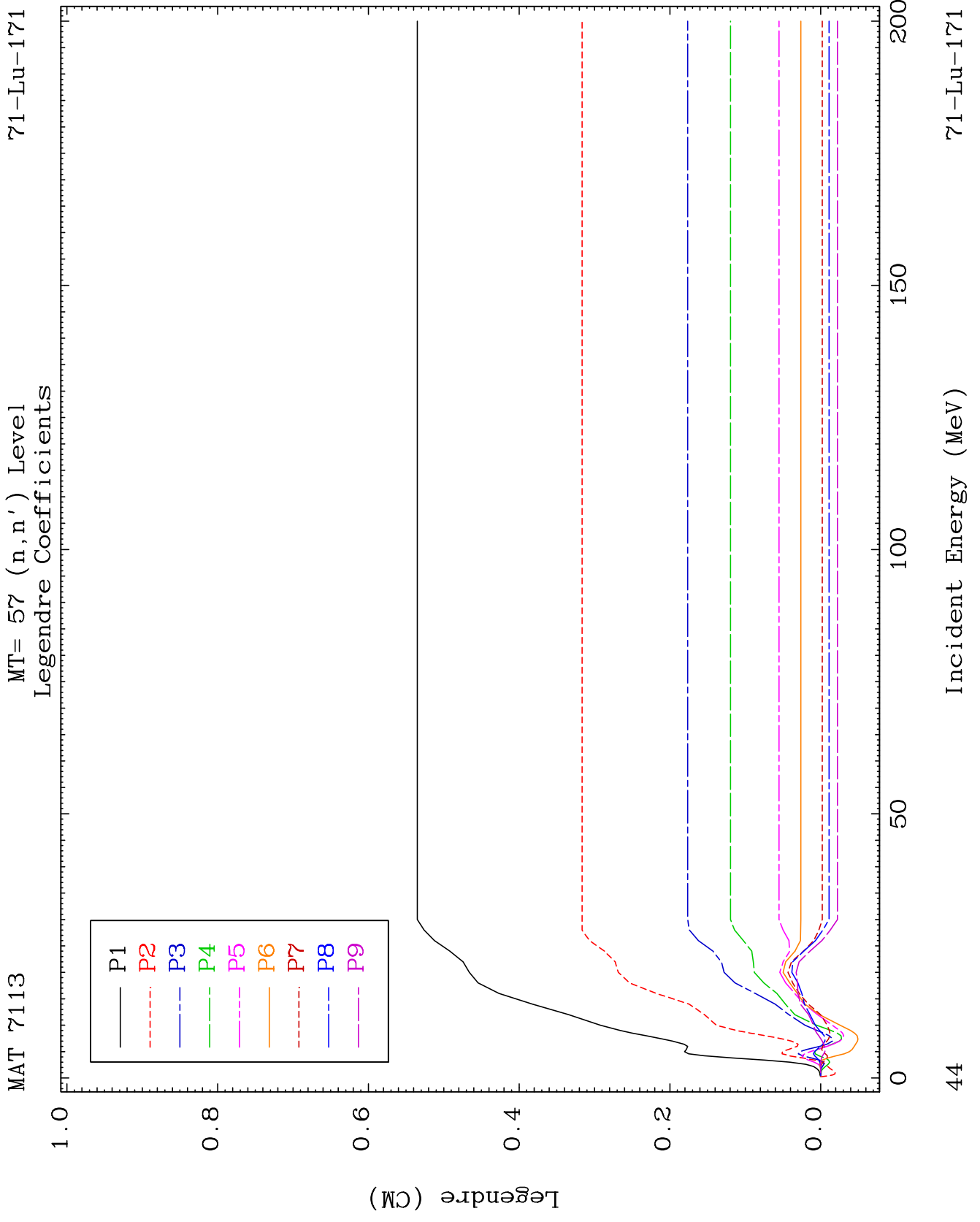


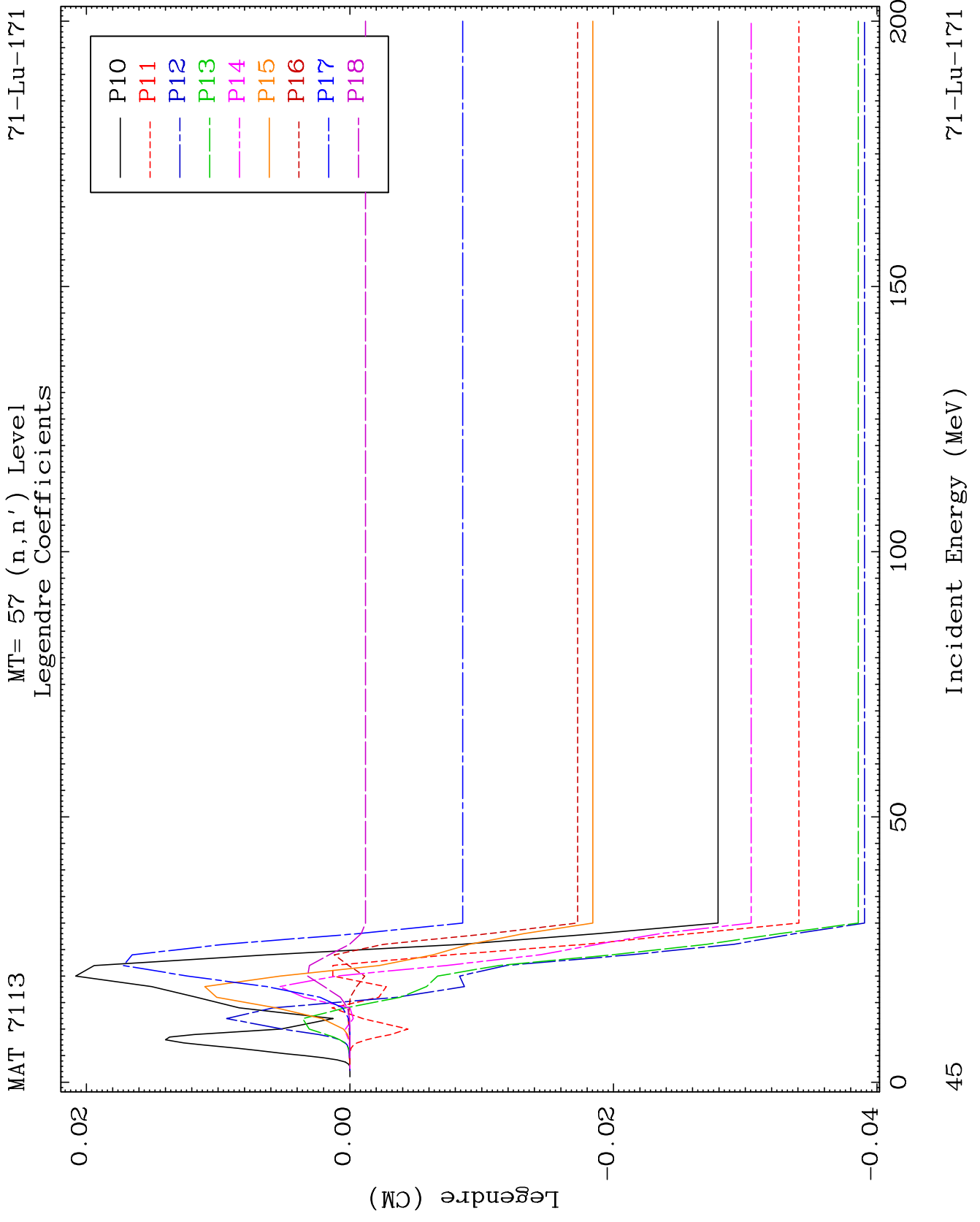
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Incident Energy (MeV)

71-Lu-171



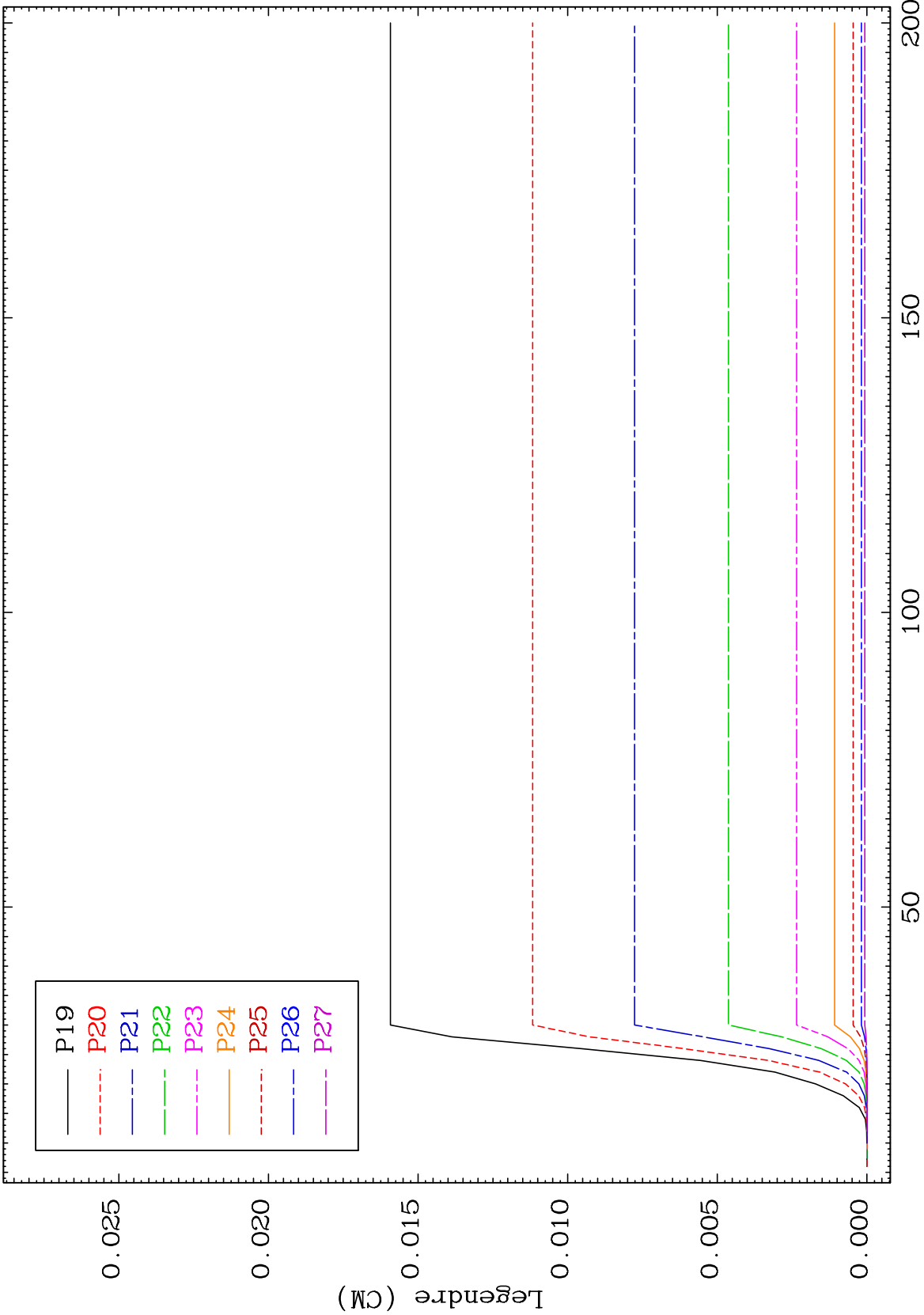




MAT 7113

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

71-Lu-171



46

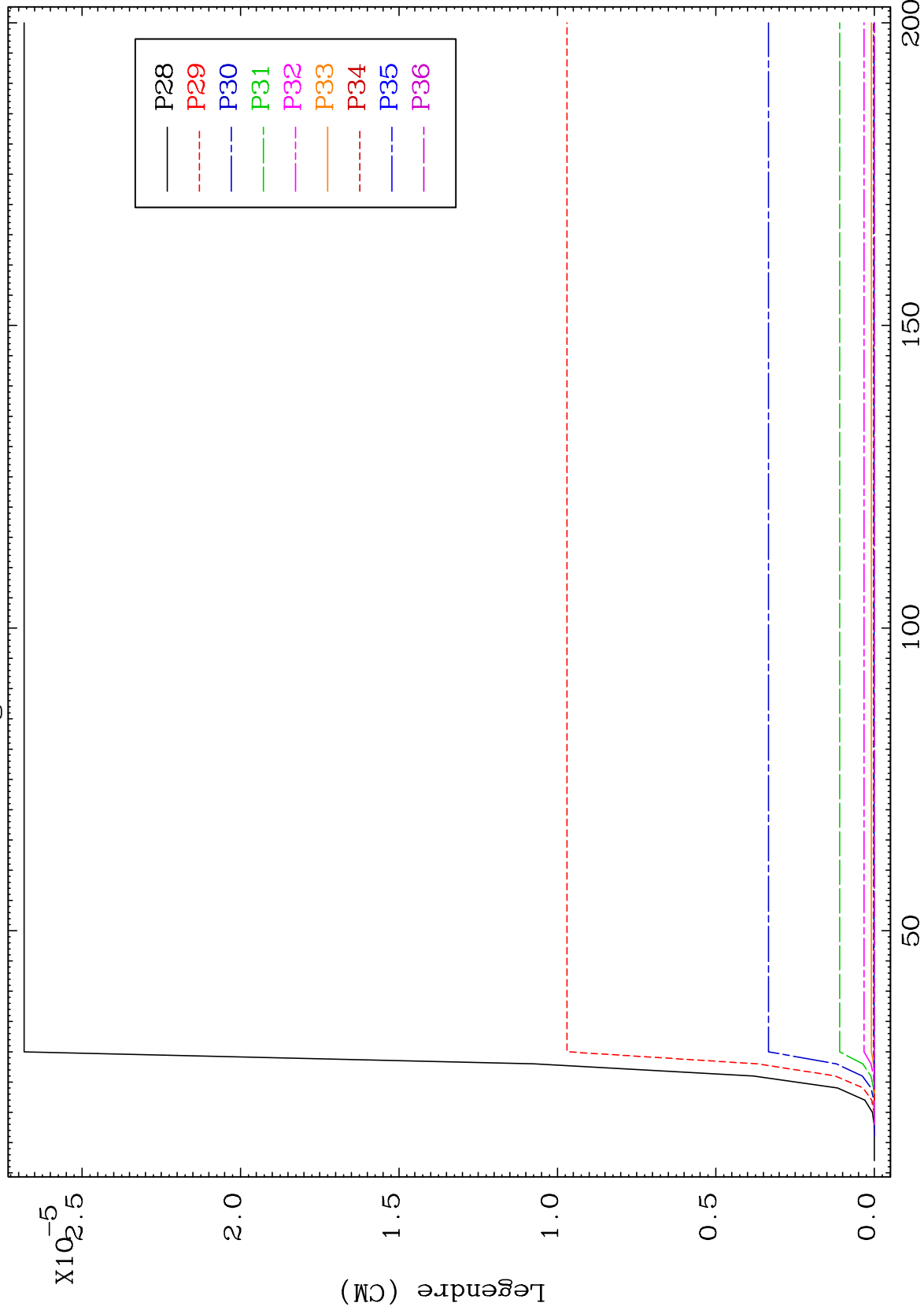
Incident Energy (MeV)

71-Lu-171

MAT 7113

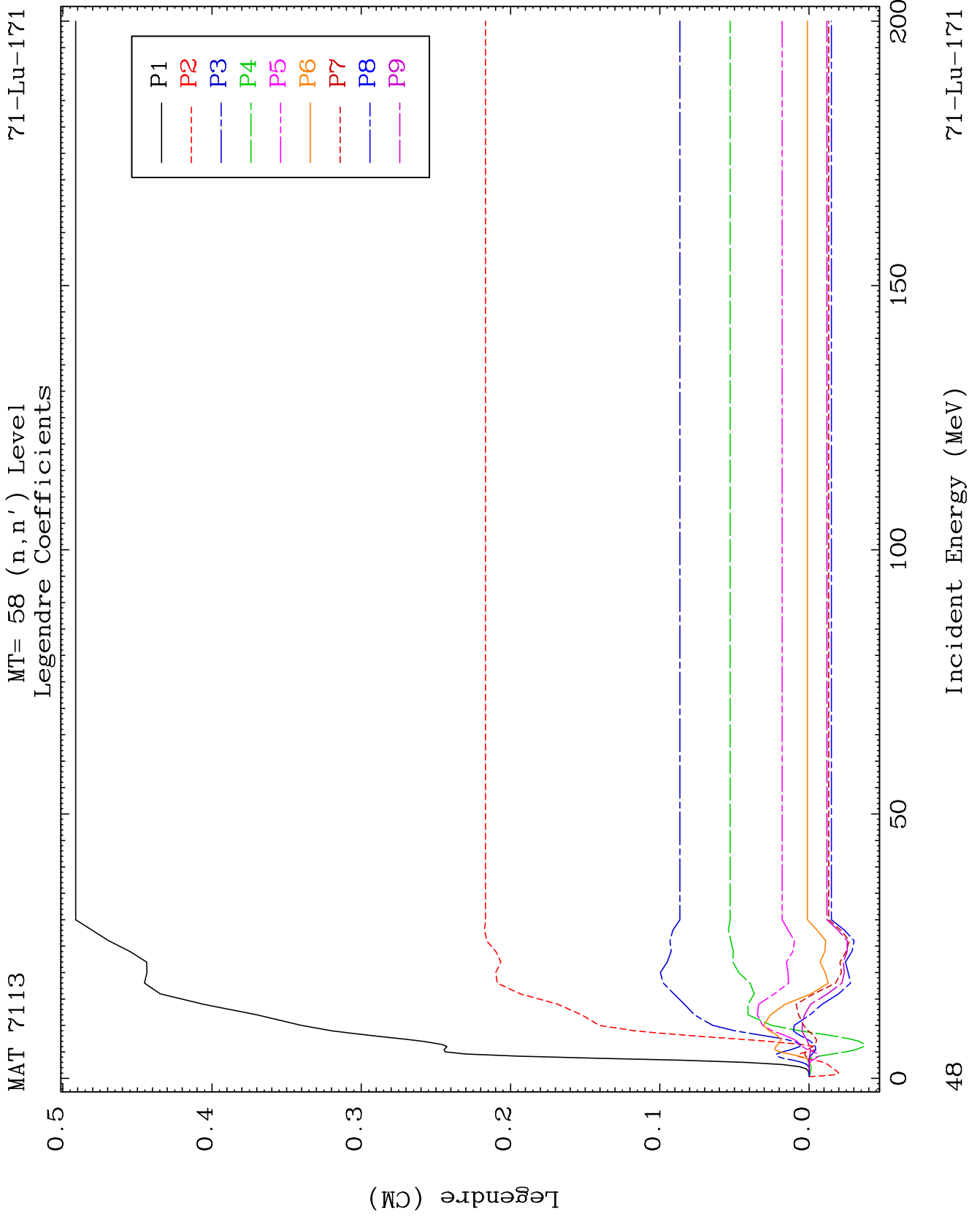
MT= 57 (n,n') Level
Legendre Coefficients

71-Lu-171



47

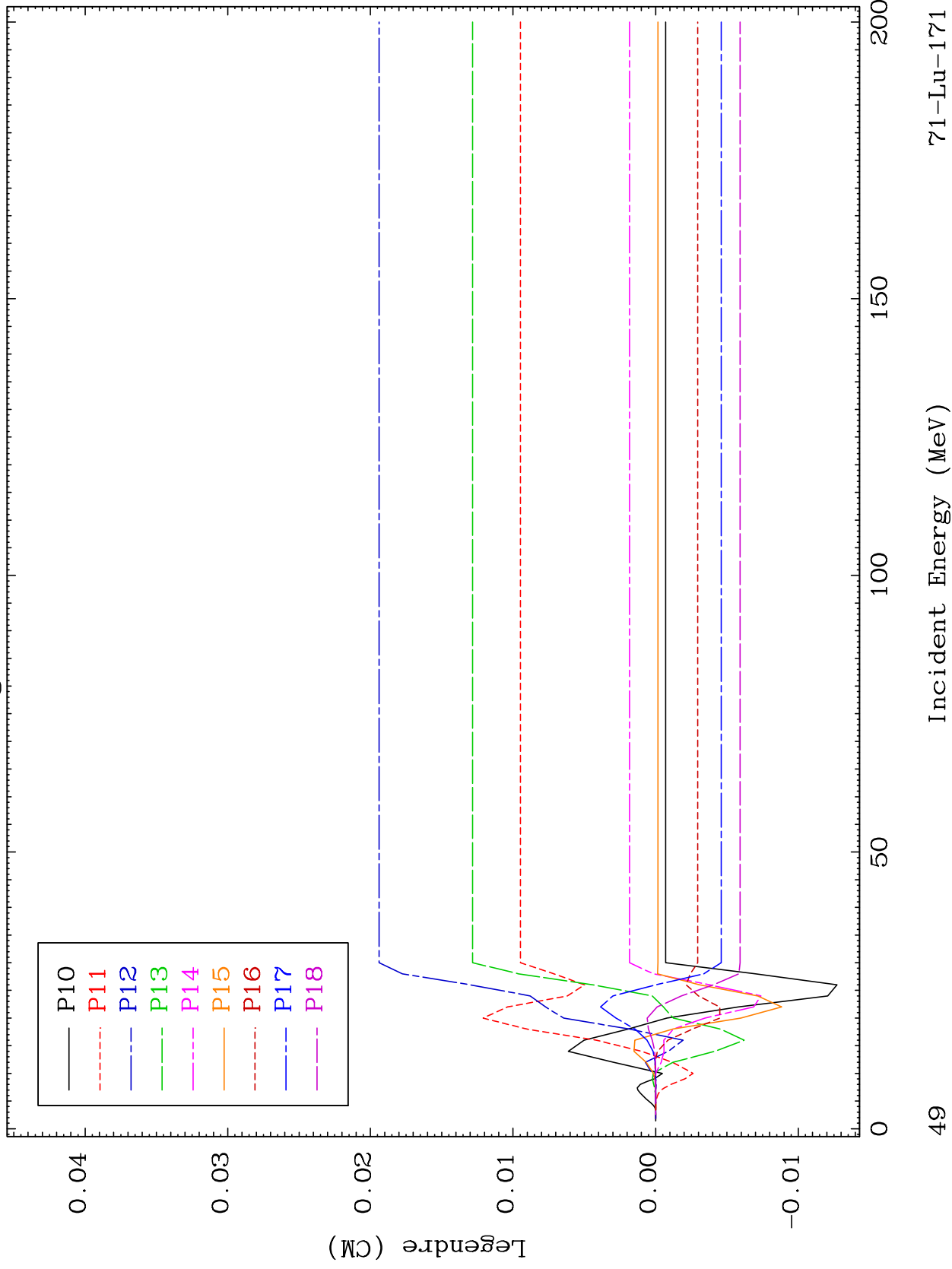
71-Lu-171



MAT 7113

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

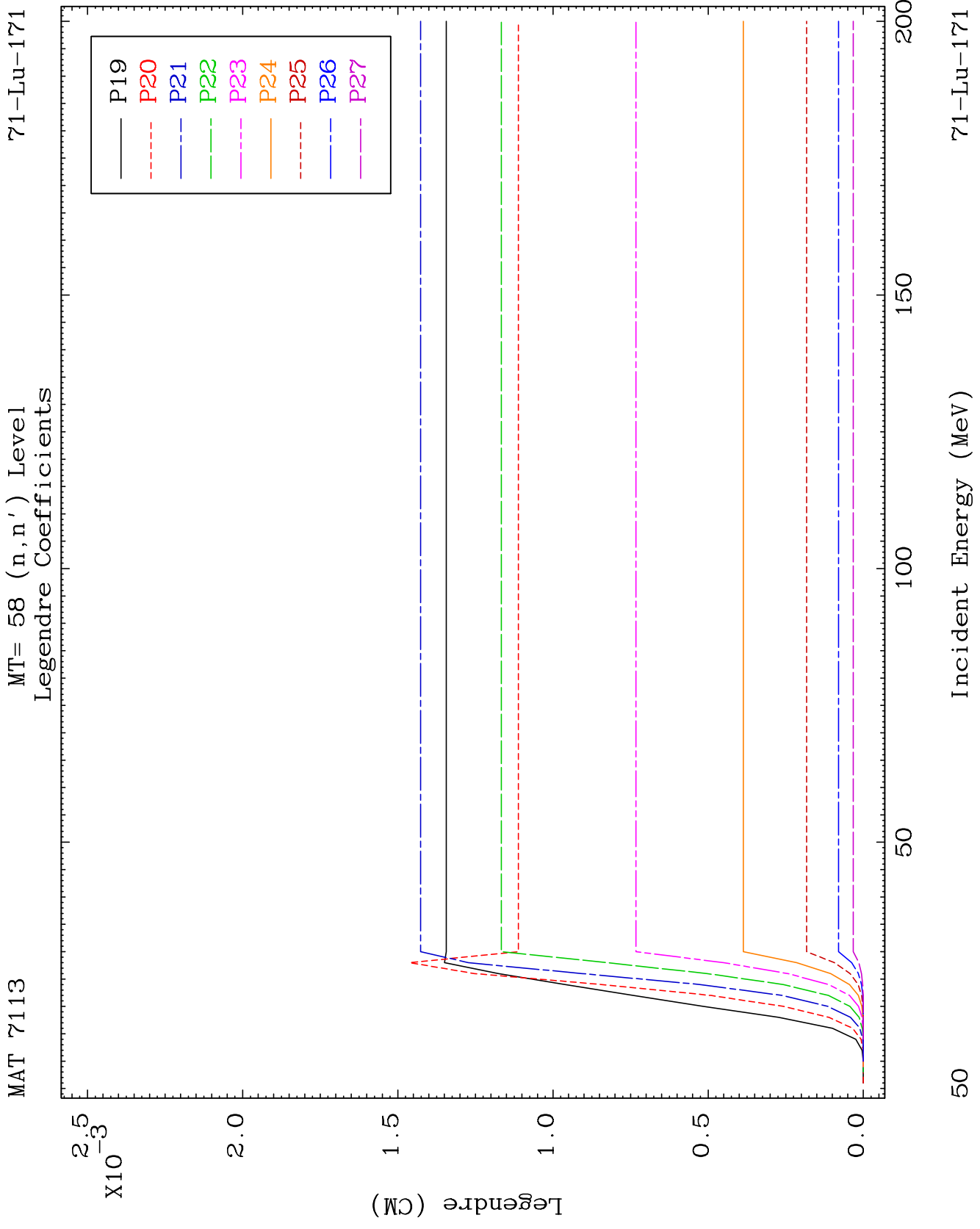
71-Lu-171



49

Incident Energy (MeV)

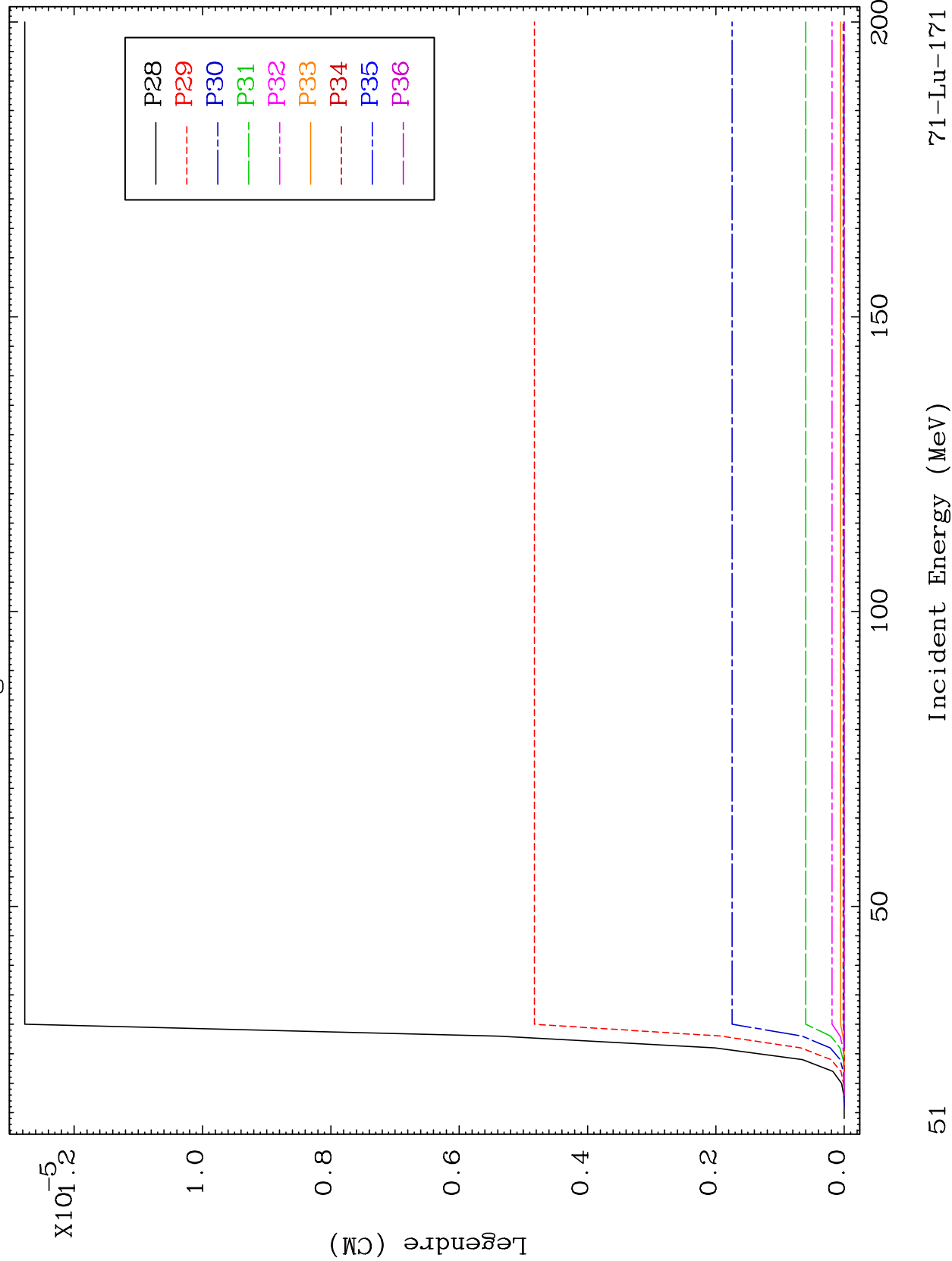
71-Lu-171



MAT 7113

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

71-Lu-171



51

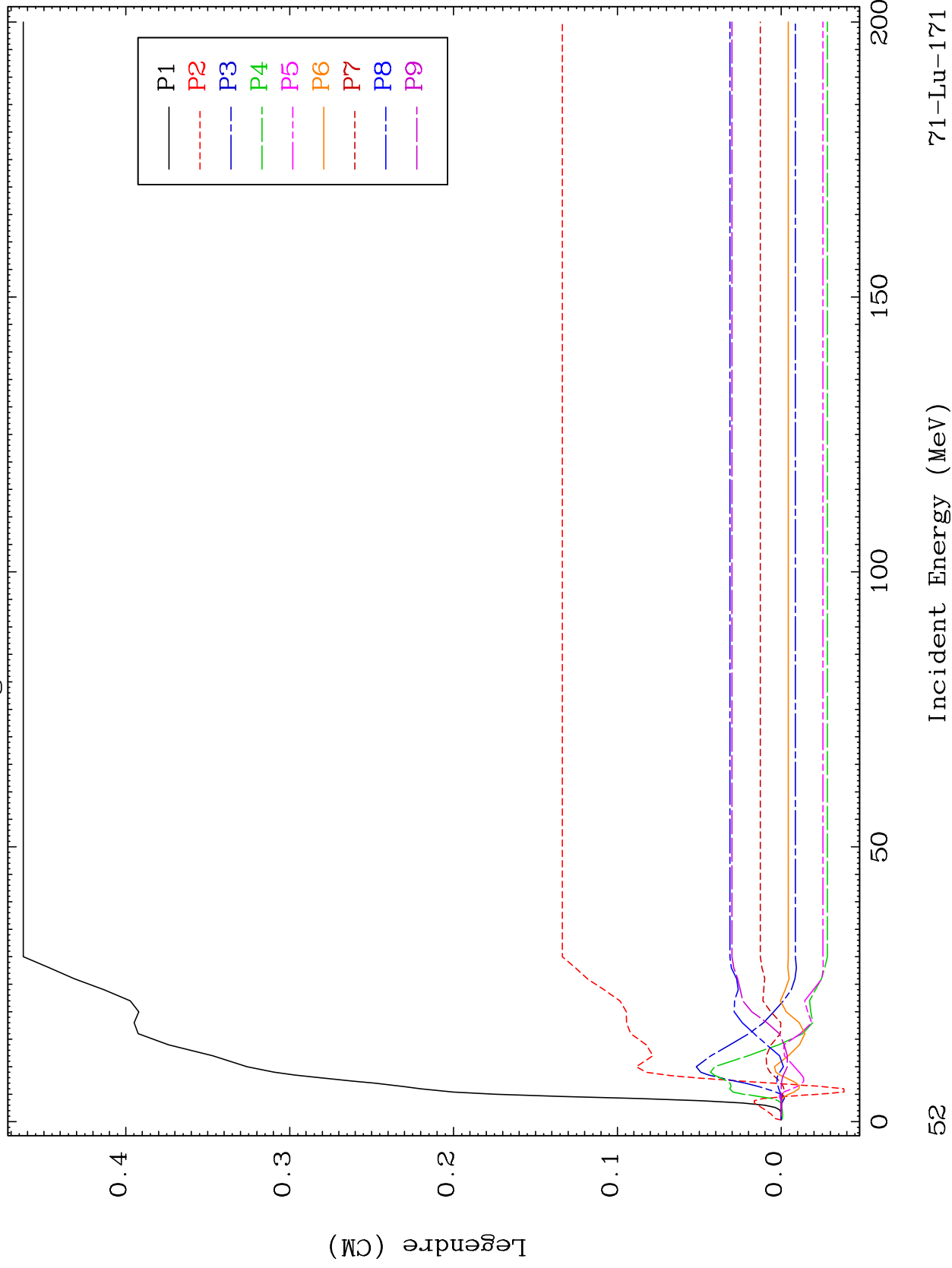
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

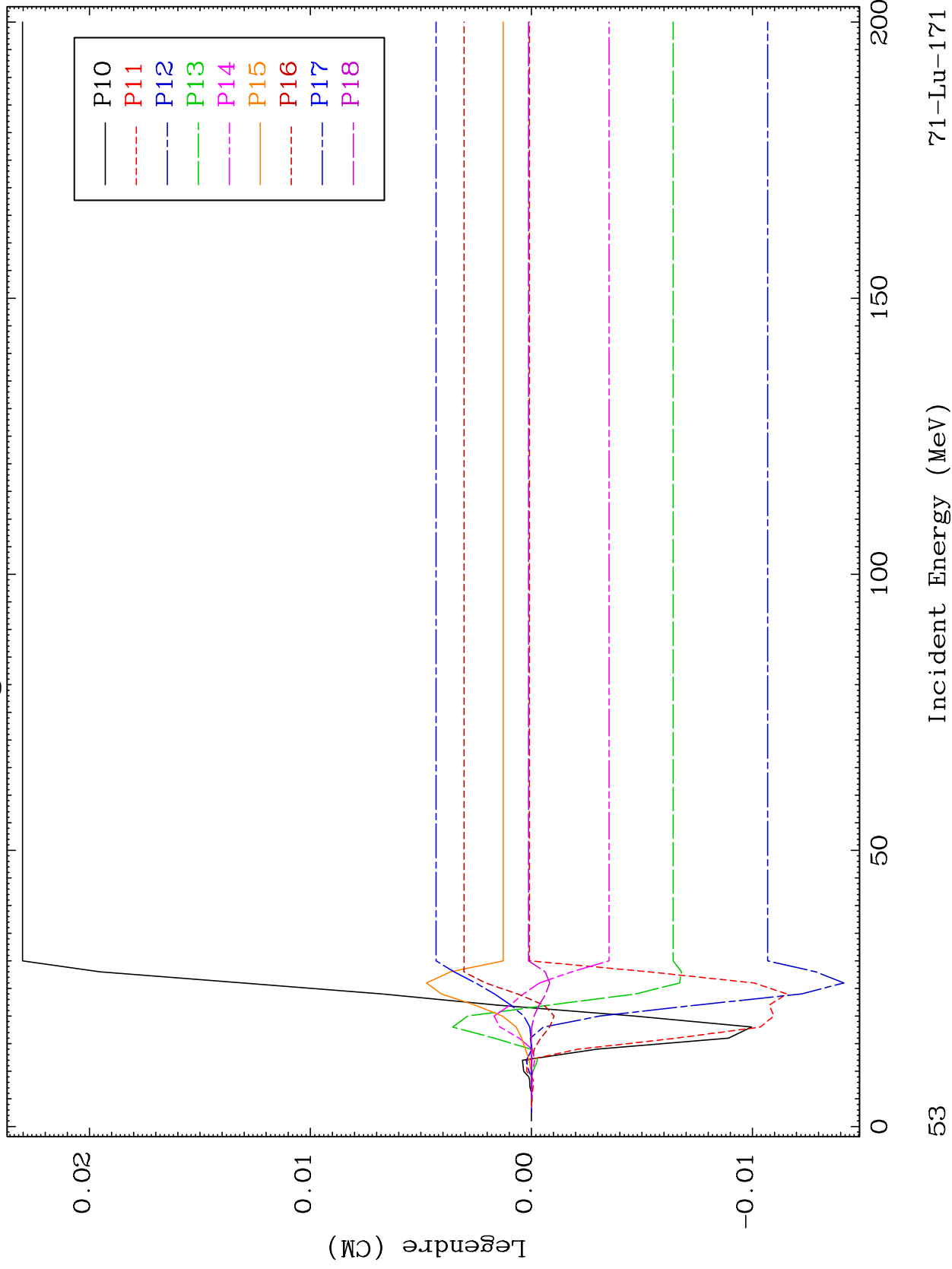
Incident Energy (MeV)

52

MAT 7113

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

71-Lu-171



71-Lu-171

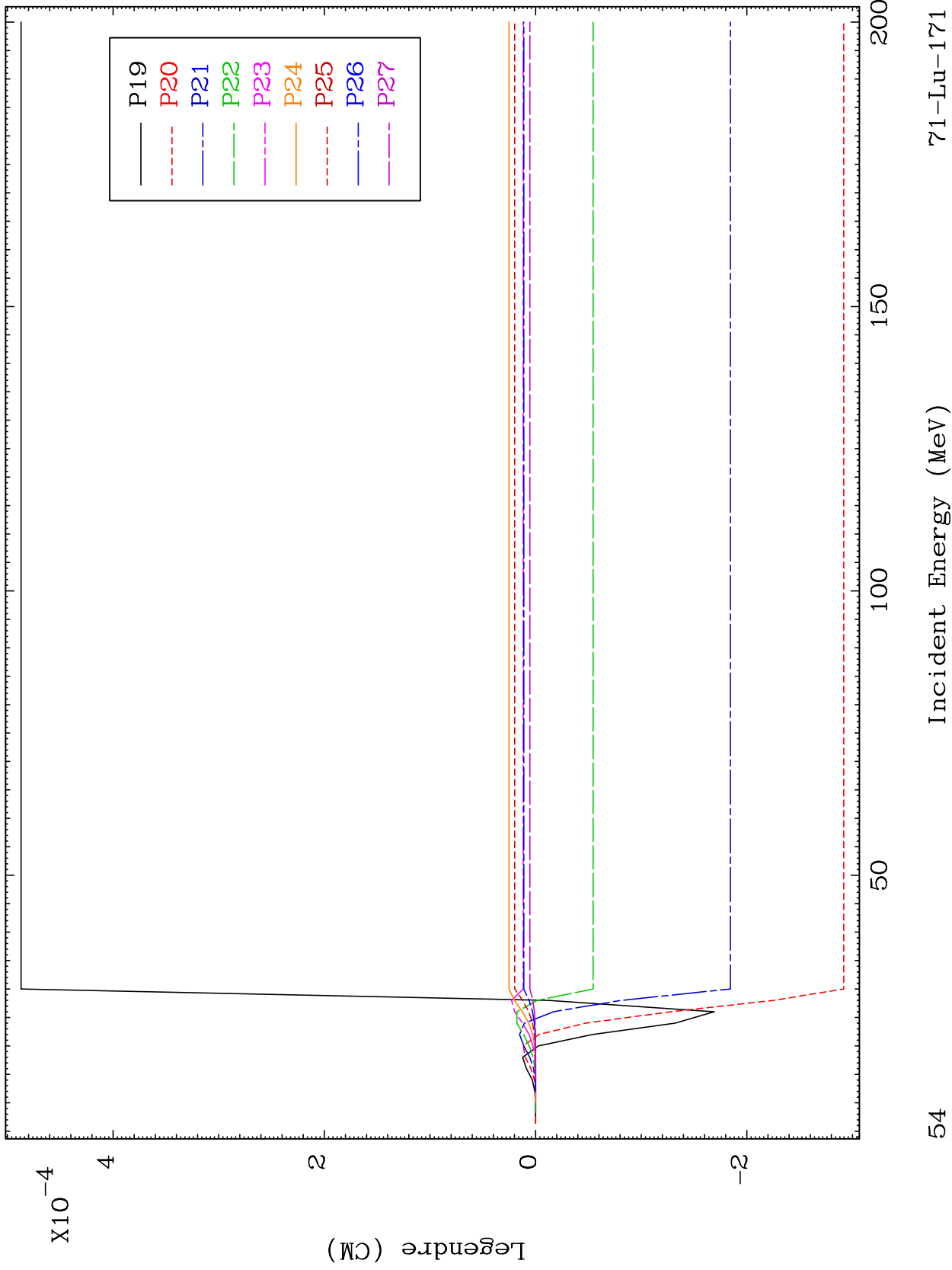
Incident Energy (MeV)

53

MAT 7113

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

71-Lu-171



54

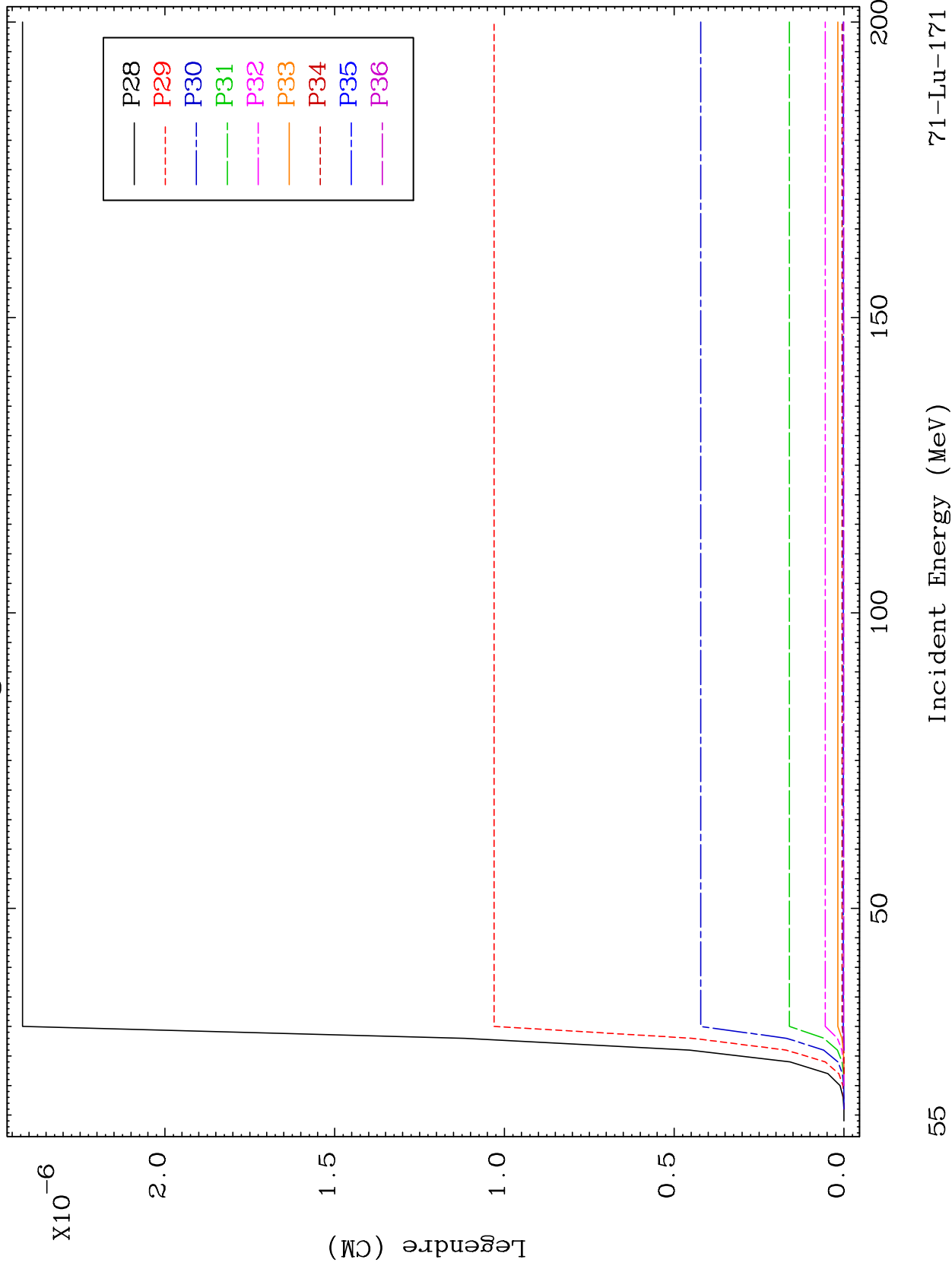
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

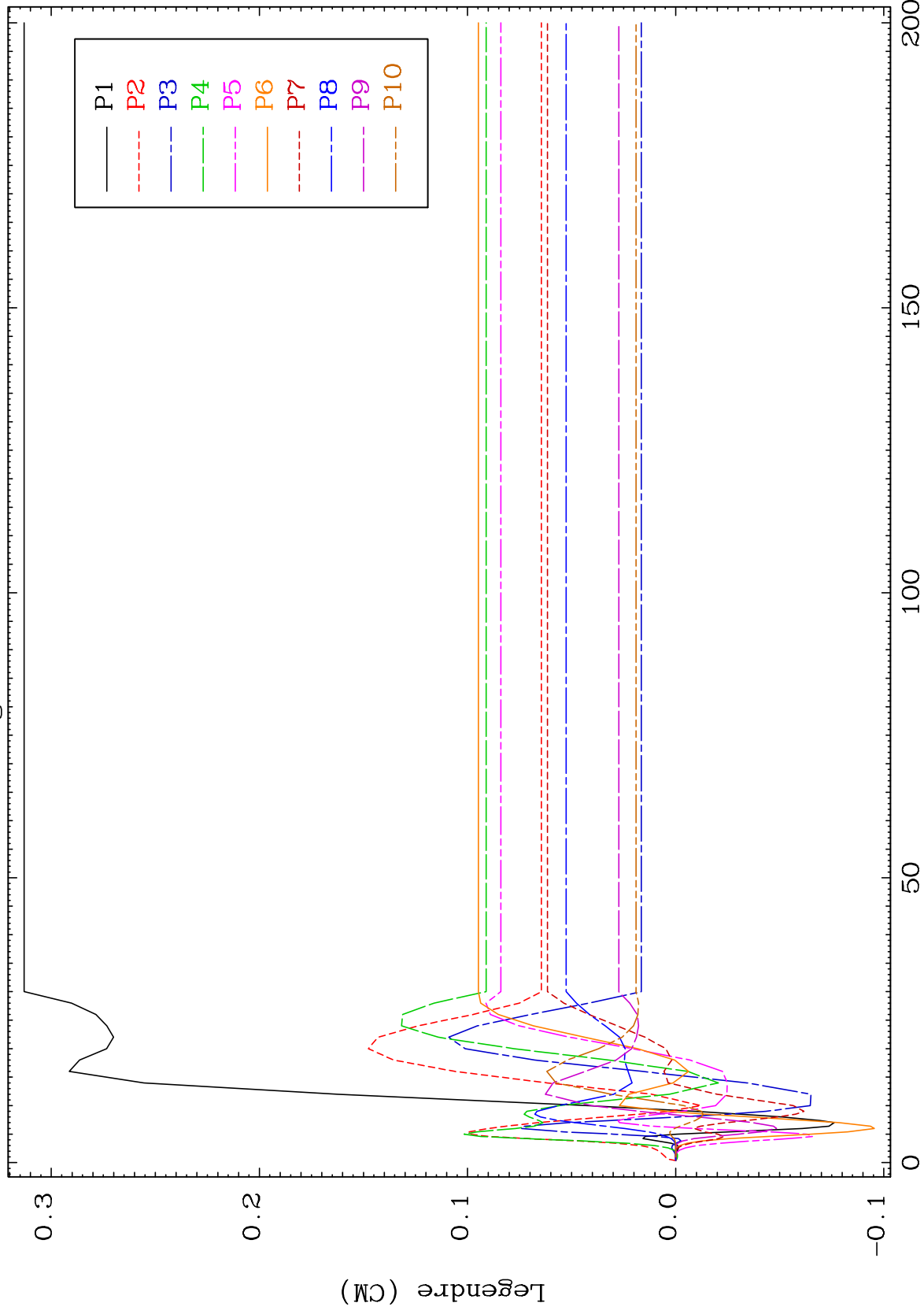
71-Lu-171



MAT 7113

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

71-Lu-171



56

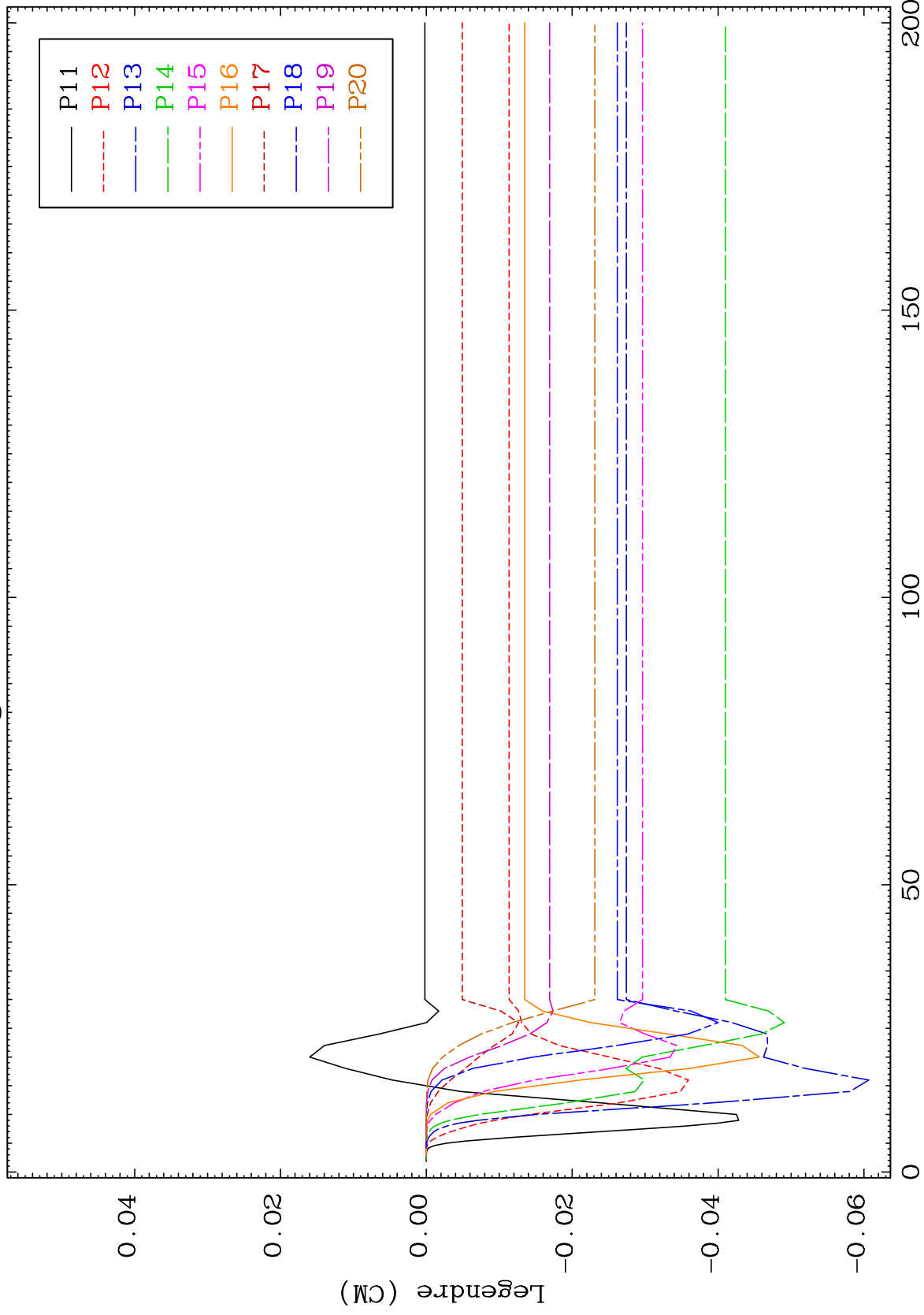
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

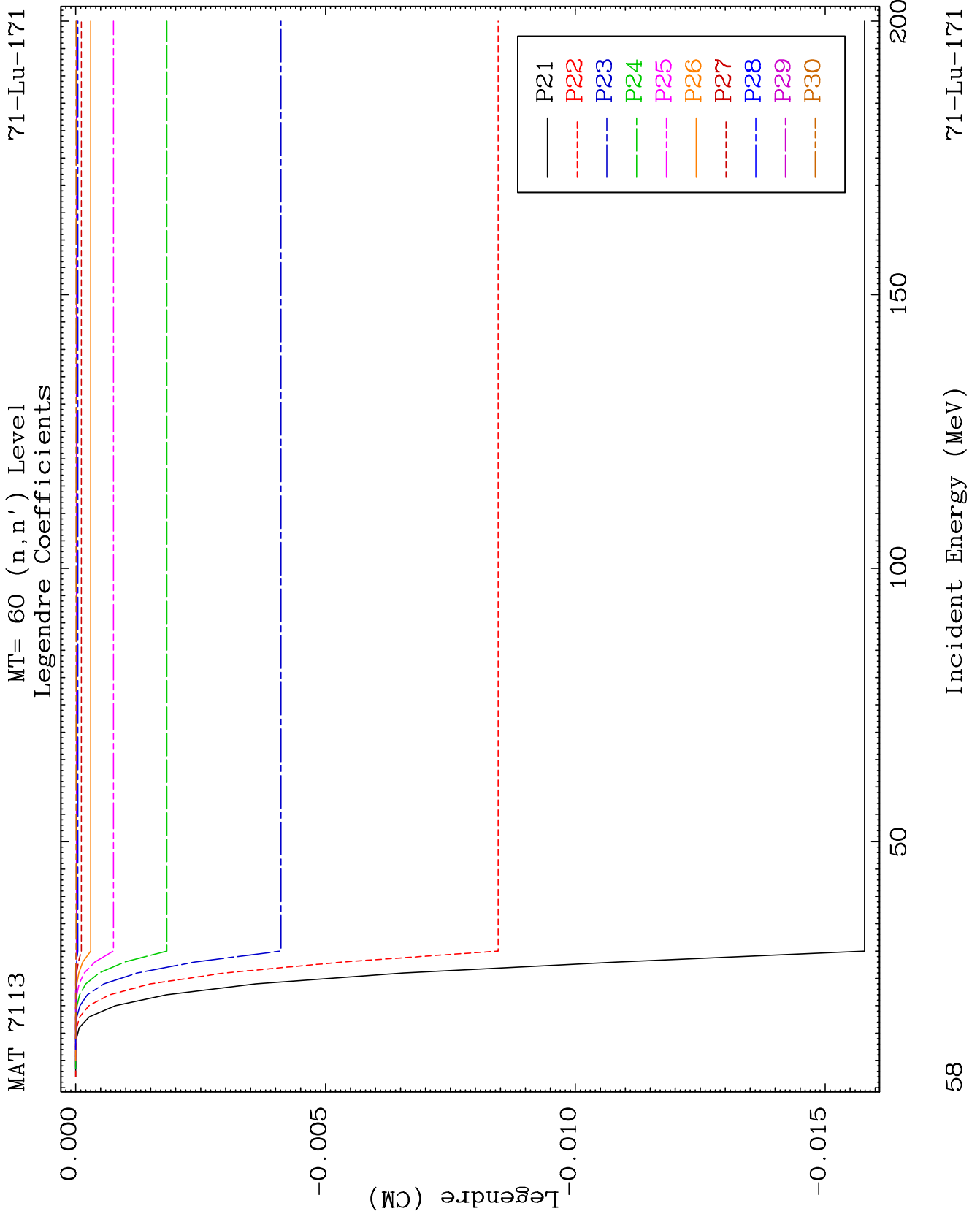
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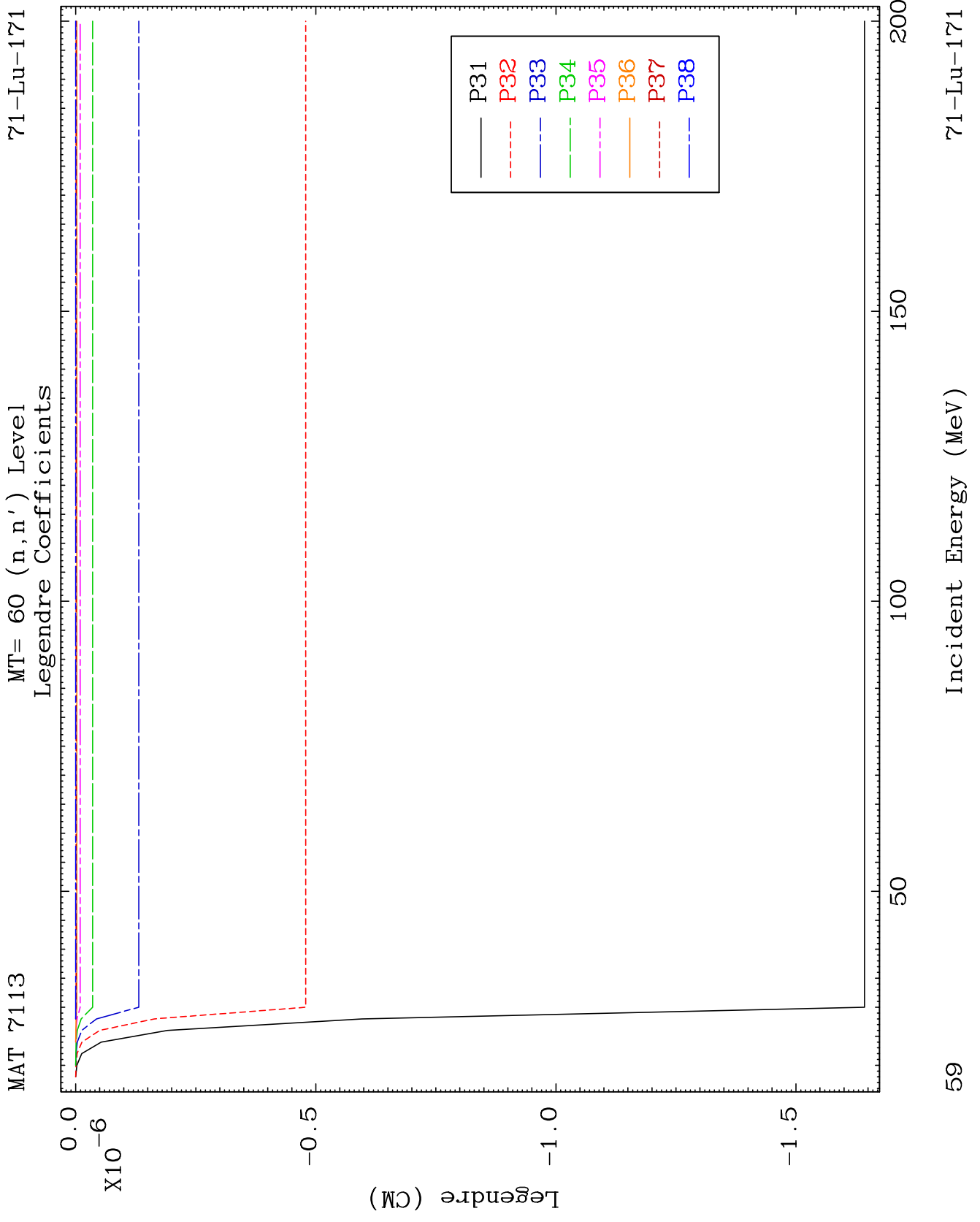


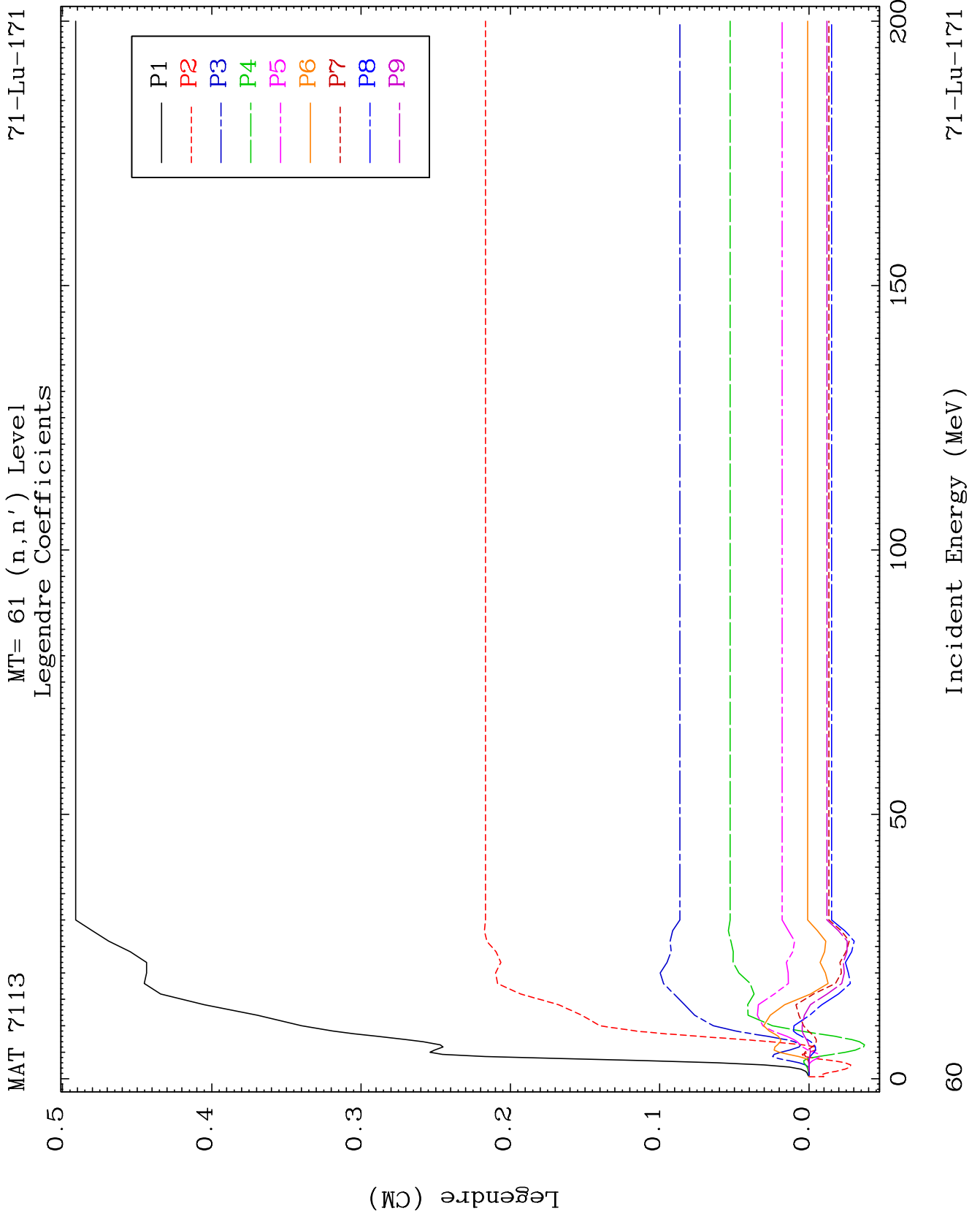
57

Incident Energy (MeV)

71-Lu-171



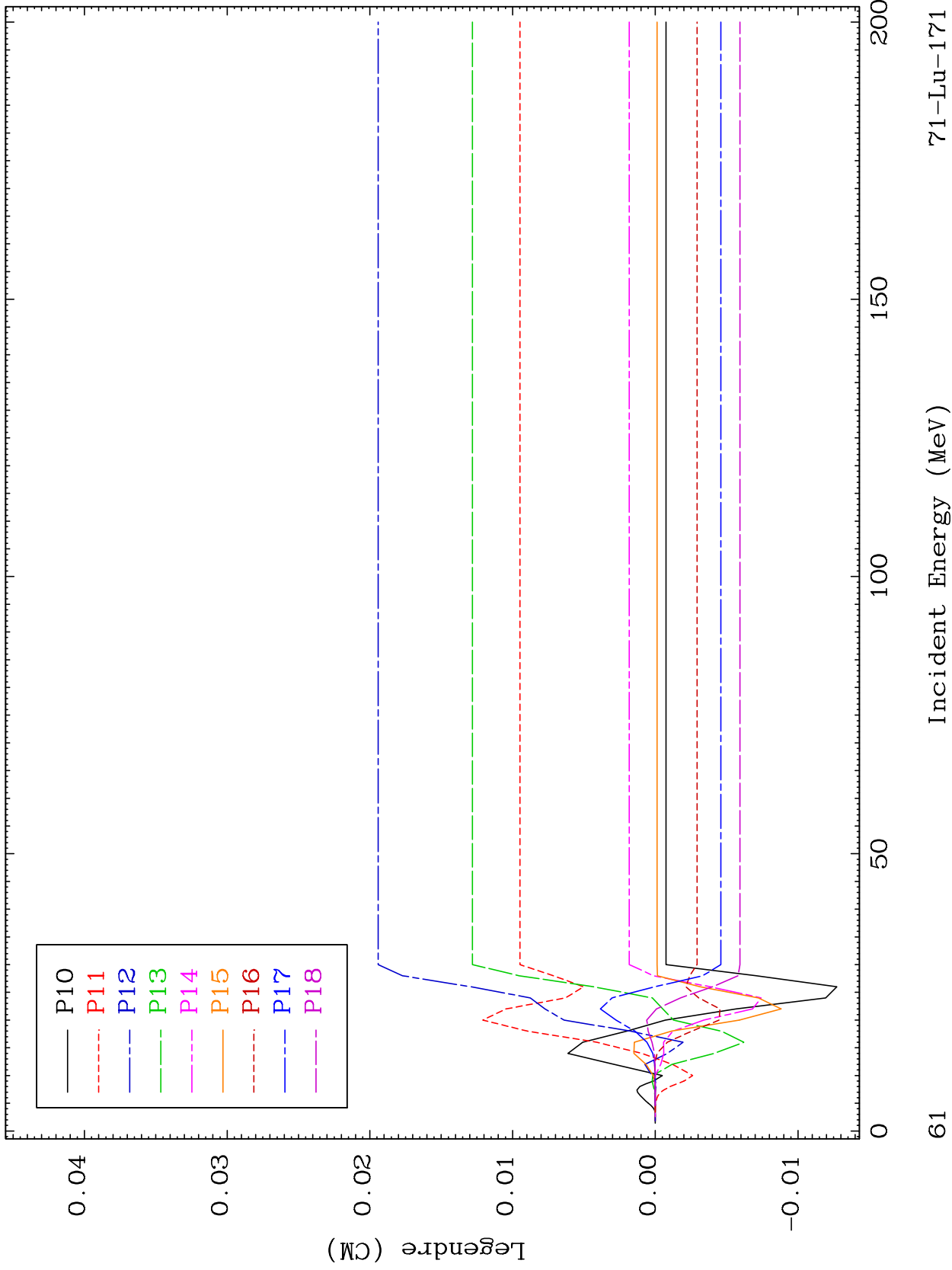




MAT 7113

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

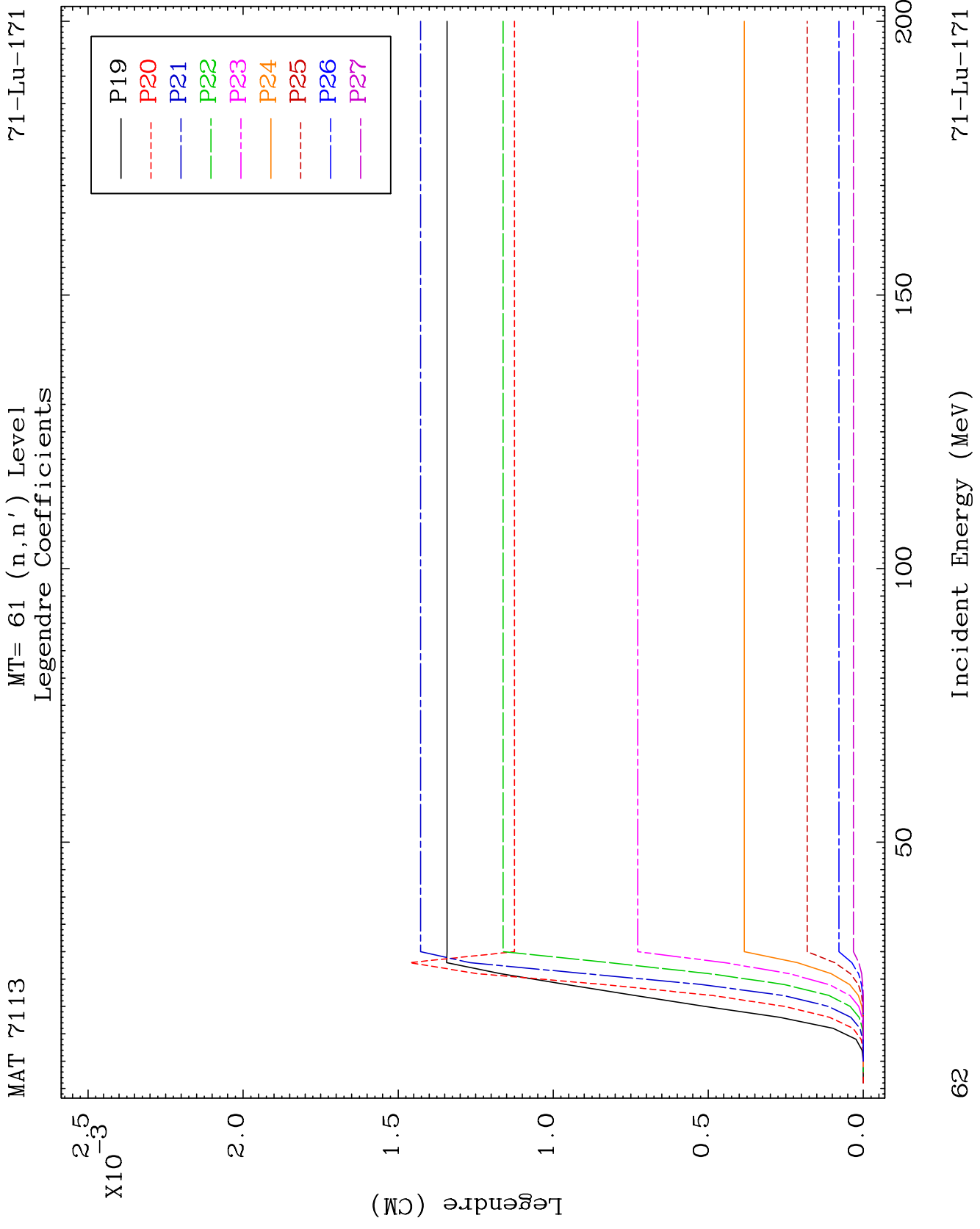
71-Lu-171



61

Incident Energy (MeV)

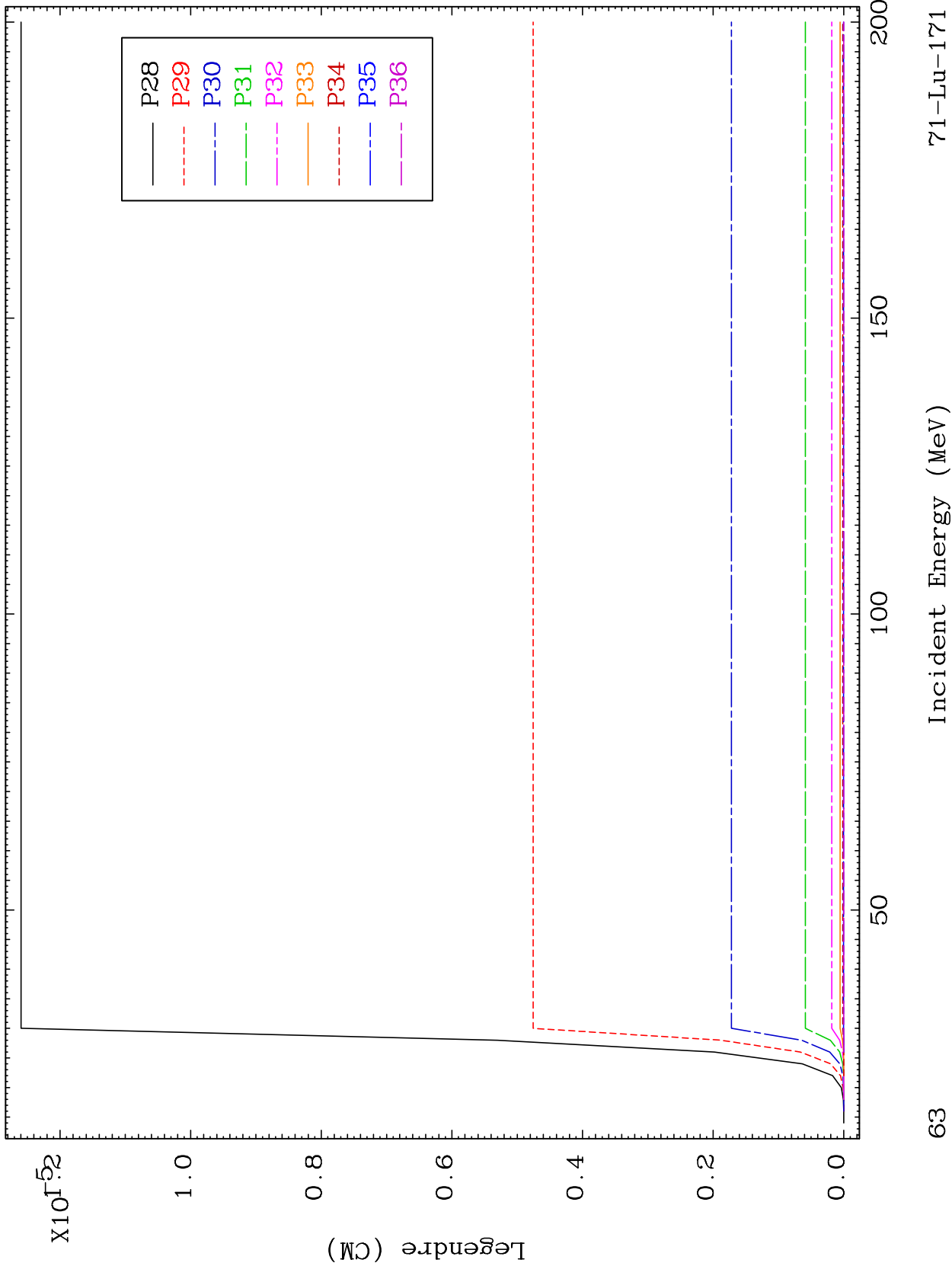
71-Lu-171



MAT 7113

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

71-Lu-171



63

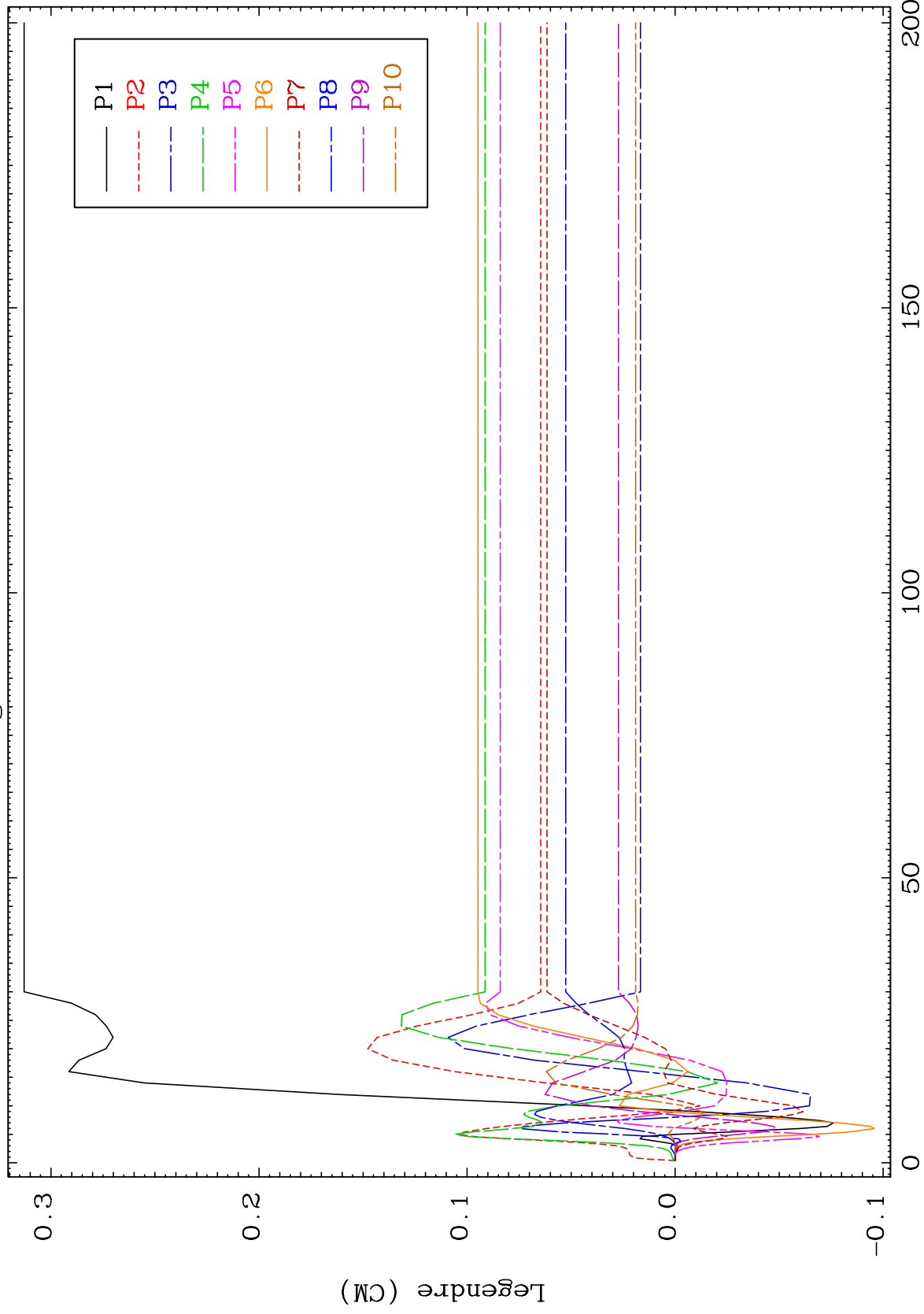
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

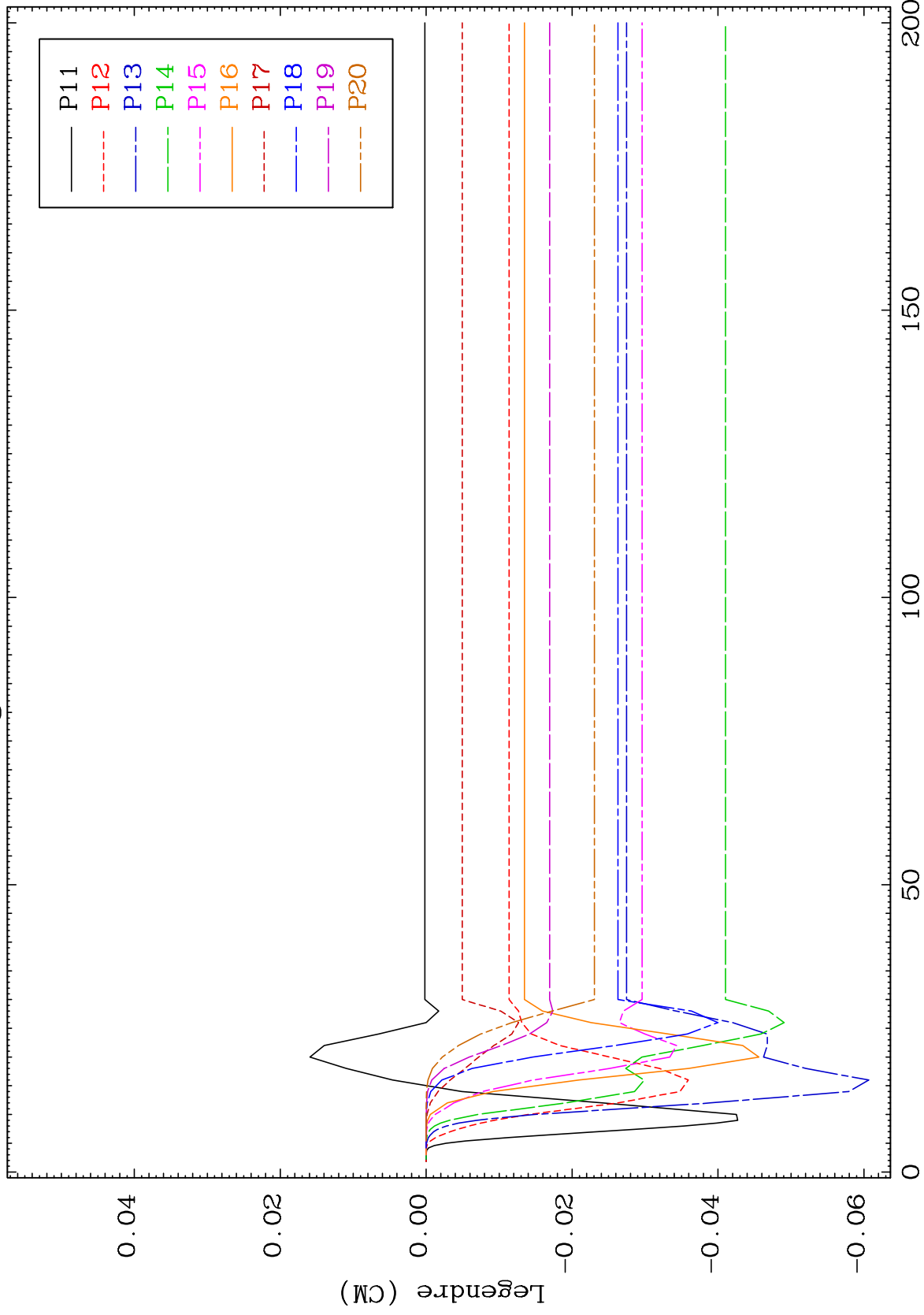
Incident Energy (MeV)

64

MAT 7113

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

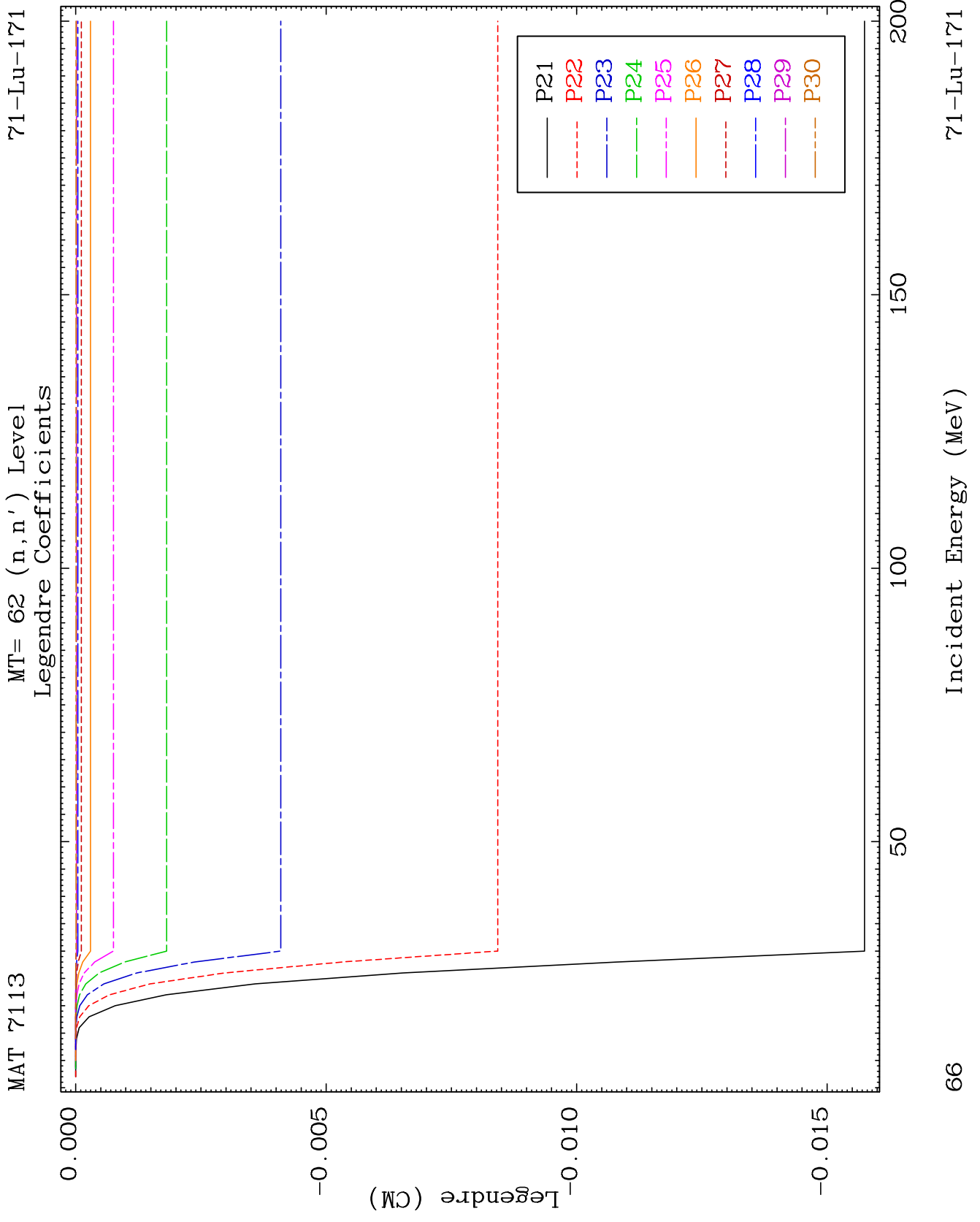
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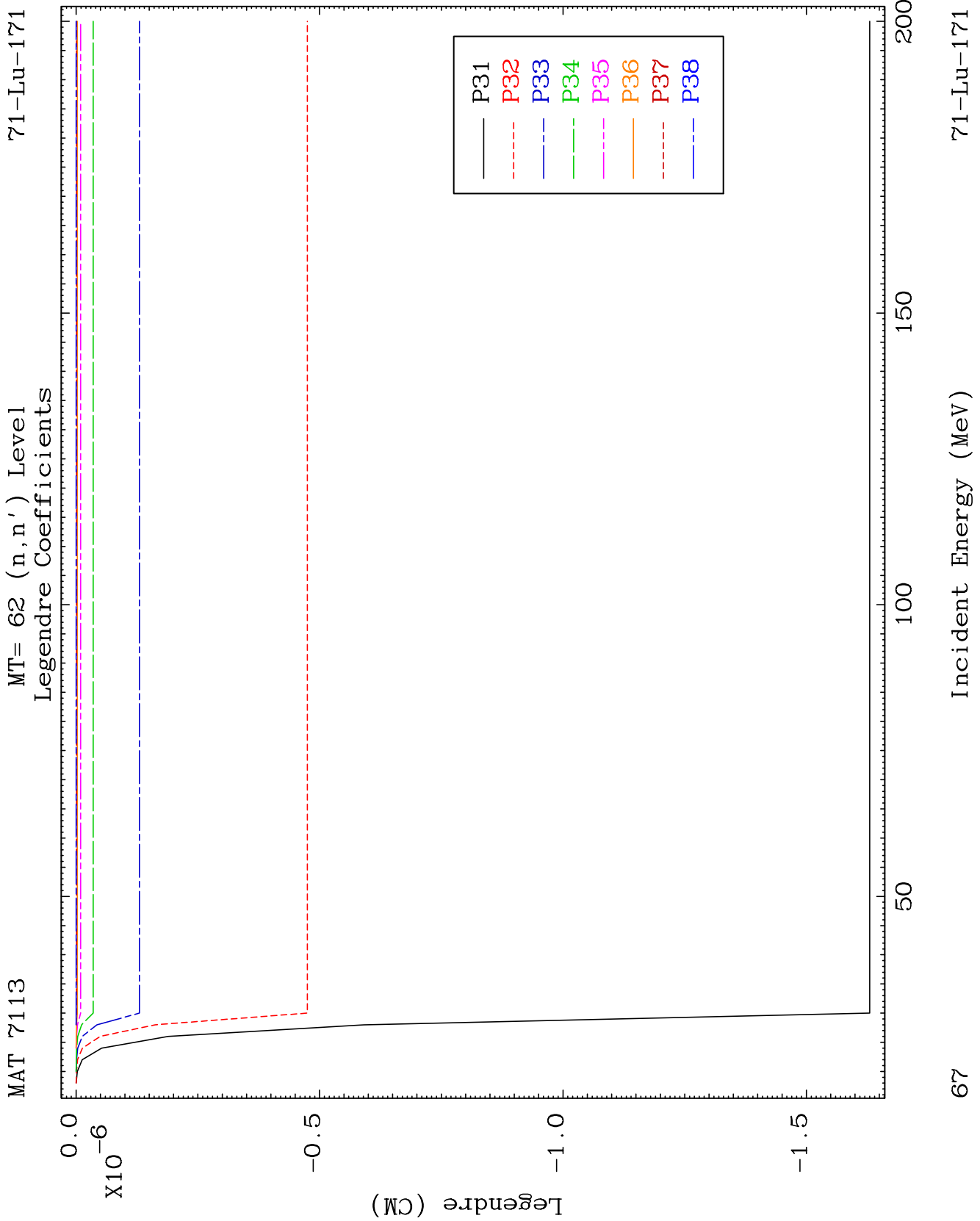


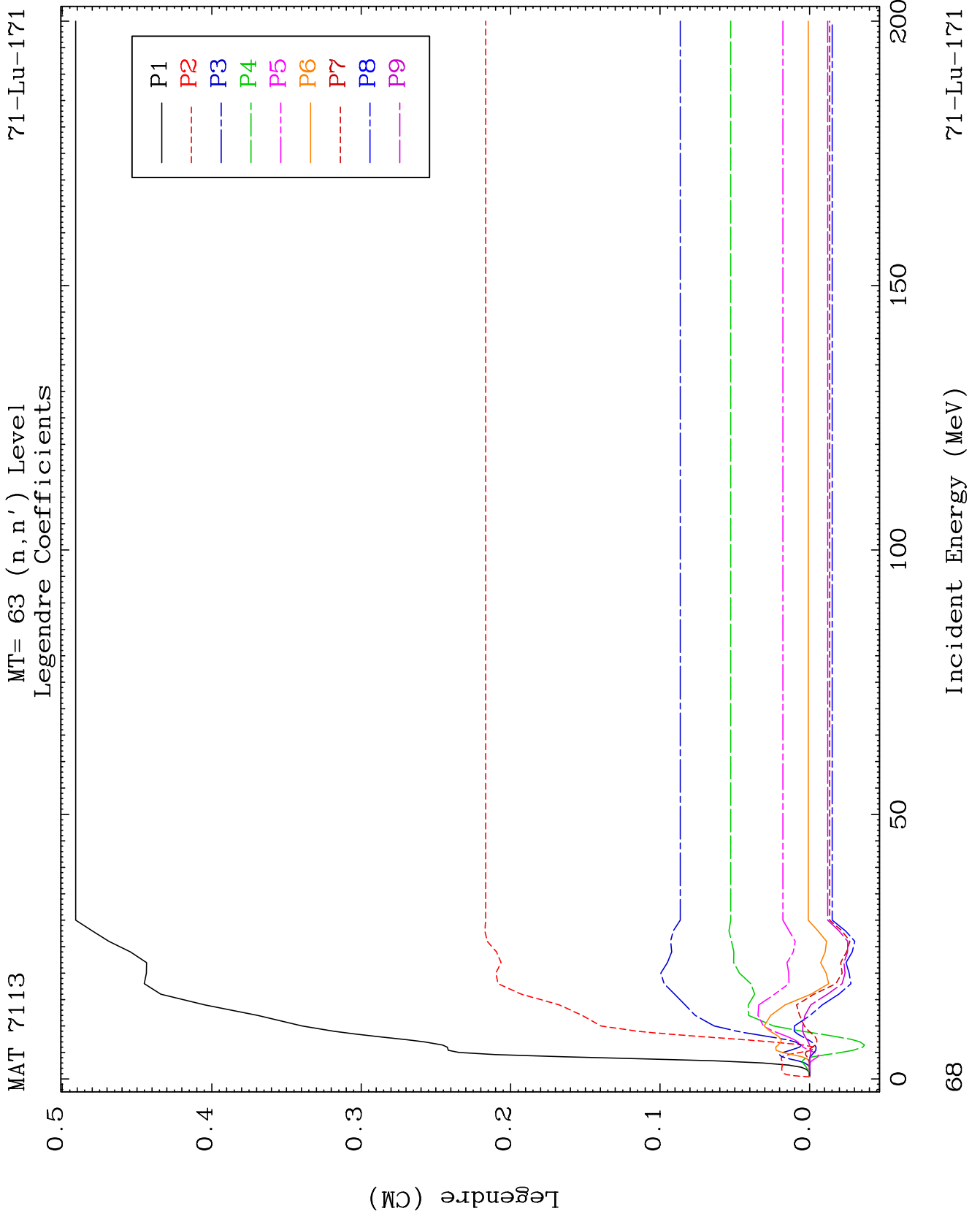
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Incident Energy (MeV)

71-Lu-171



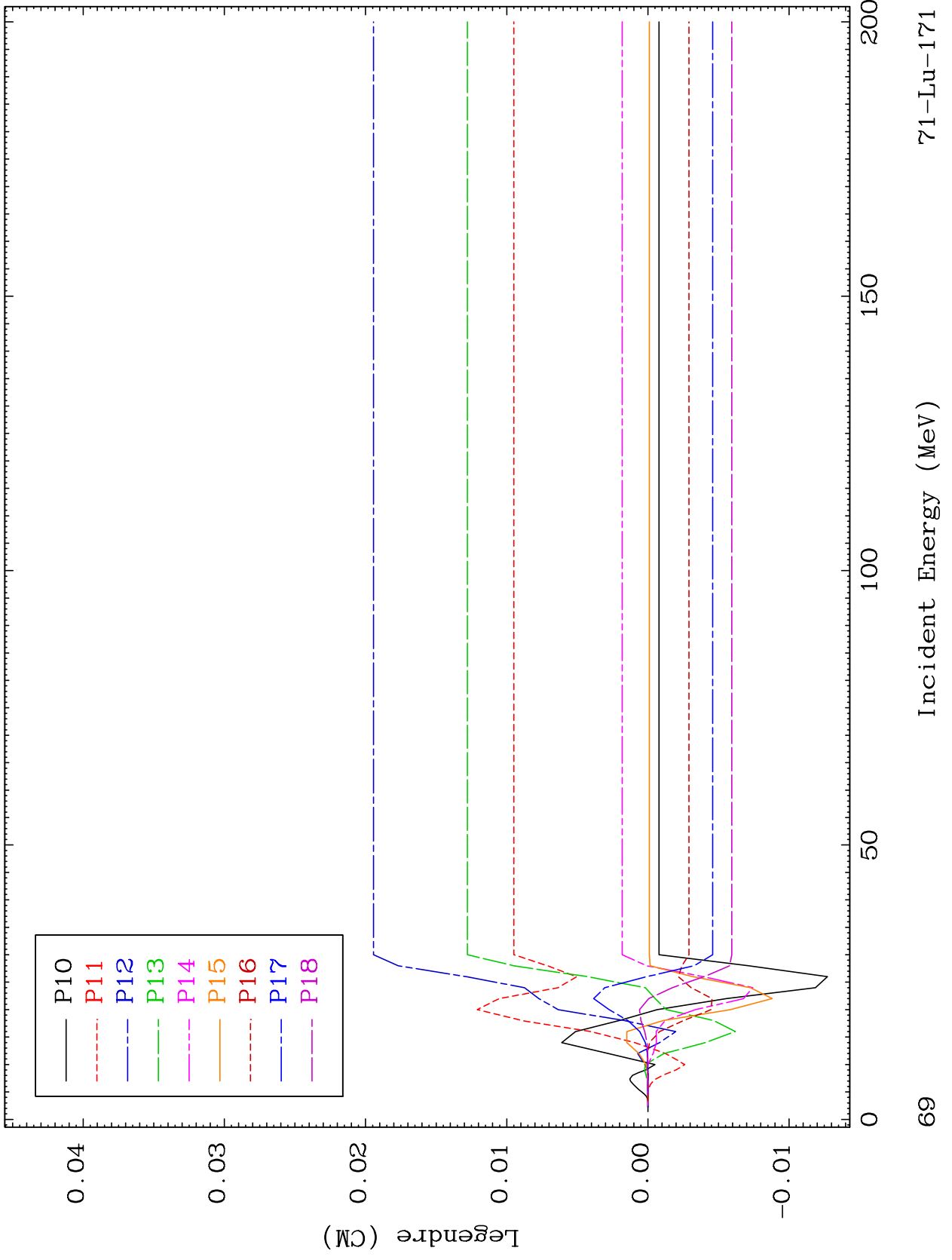




MAT 7113

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

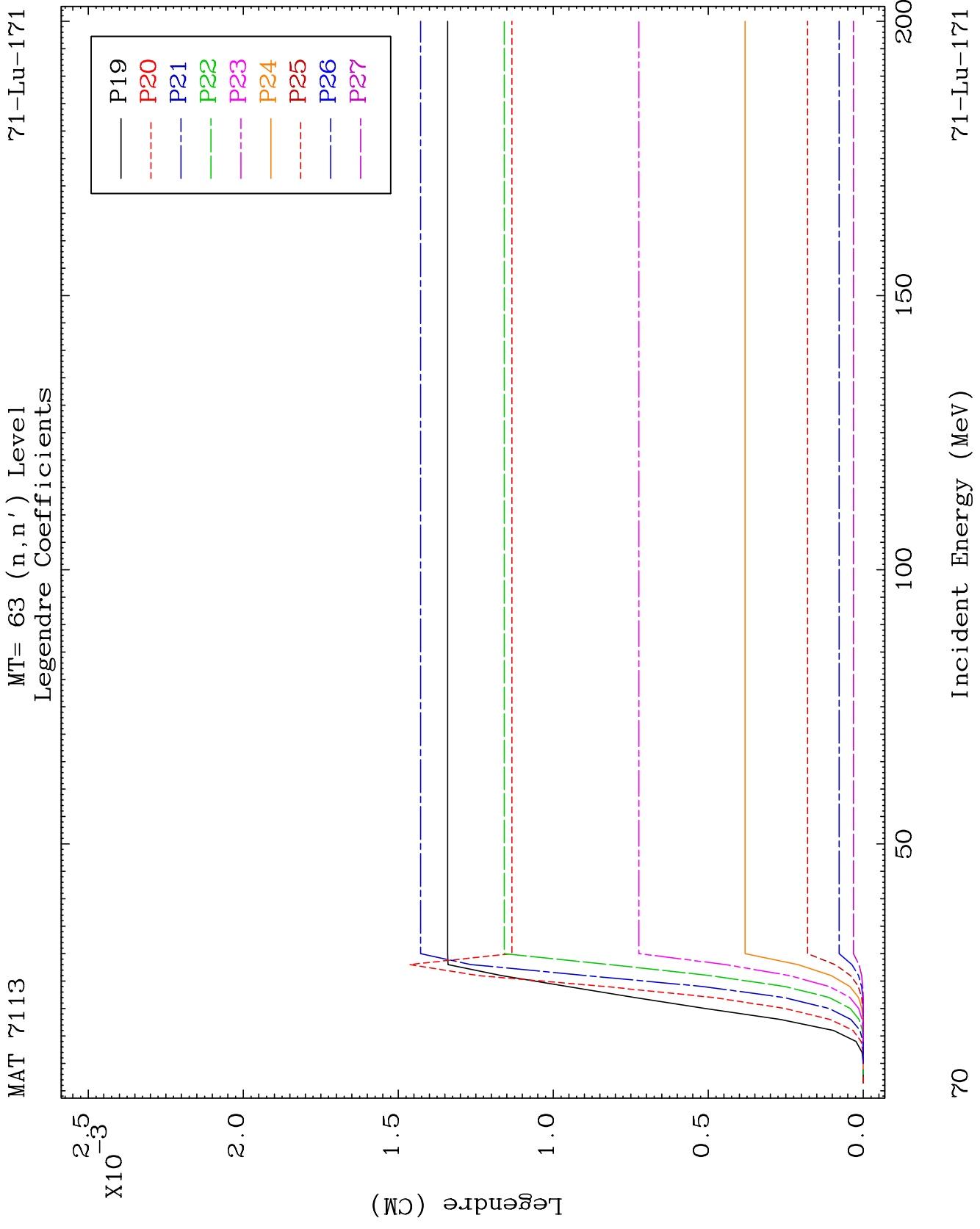
71-Lu-171



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Incident Energy (MeV)

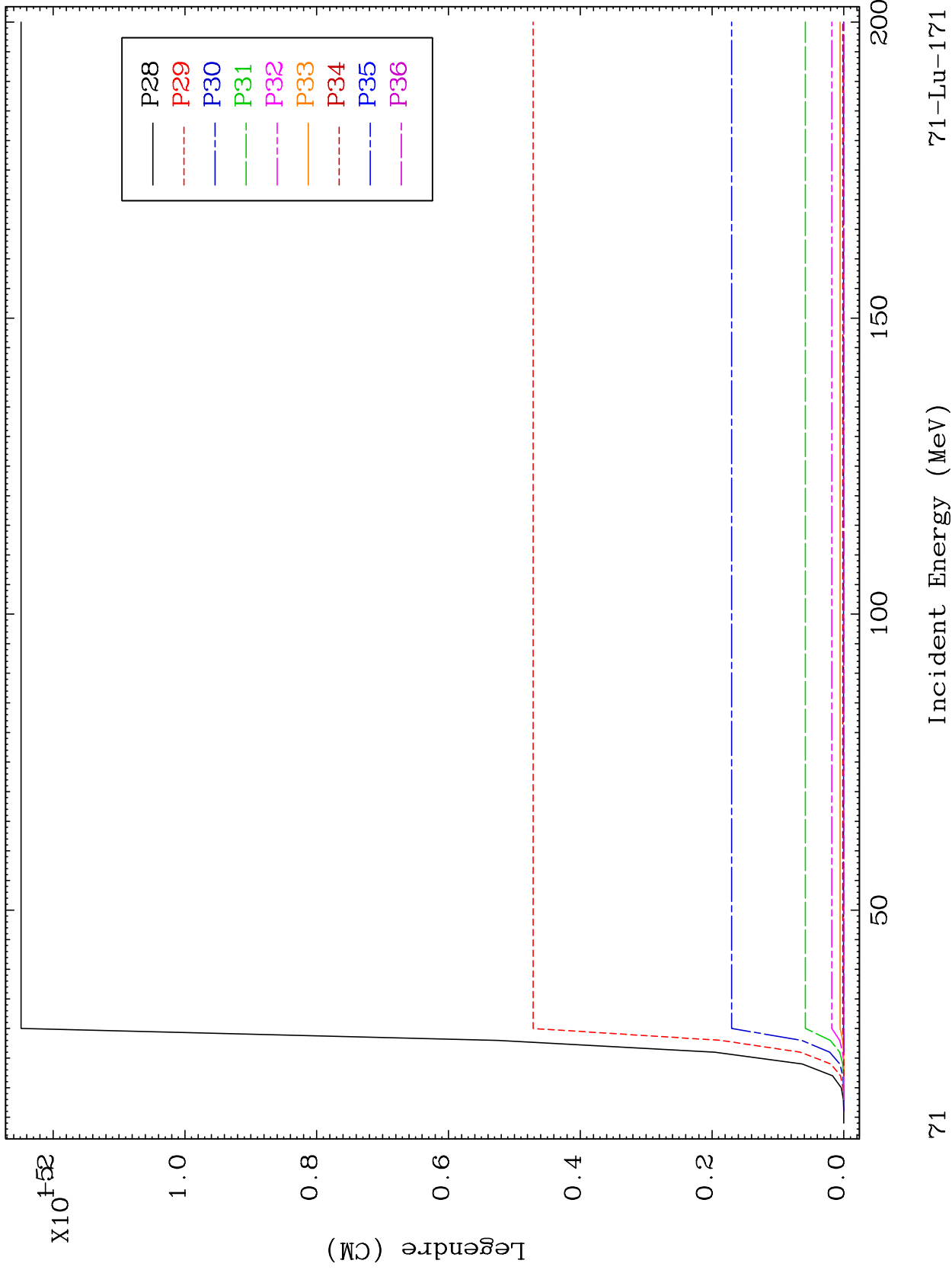
71-Lu-171



MAT 7113

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

71-Lu-171

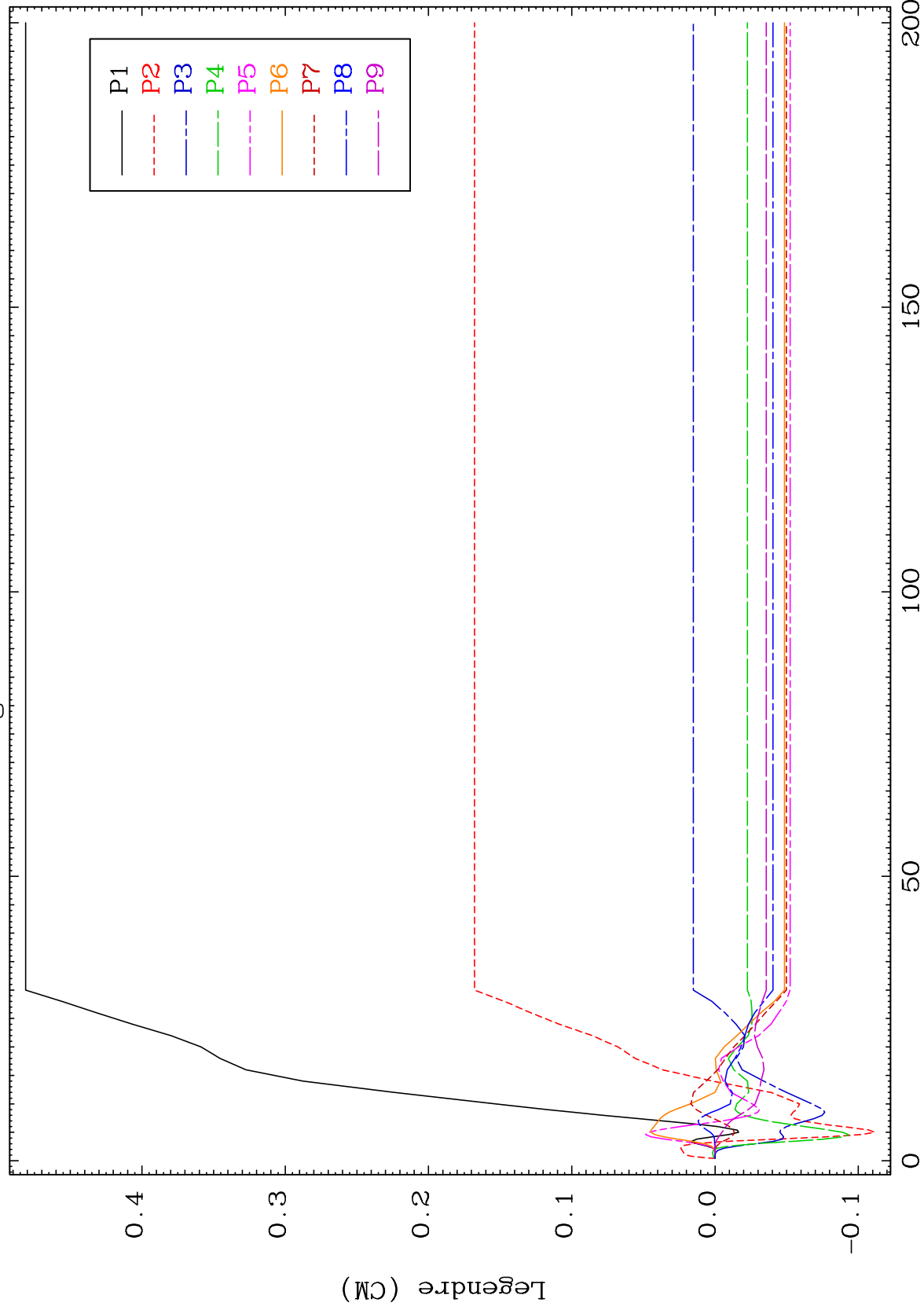


71

MAT 7113

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

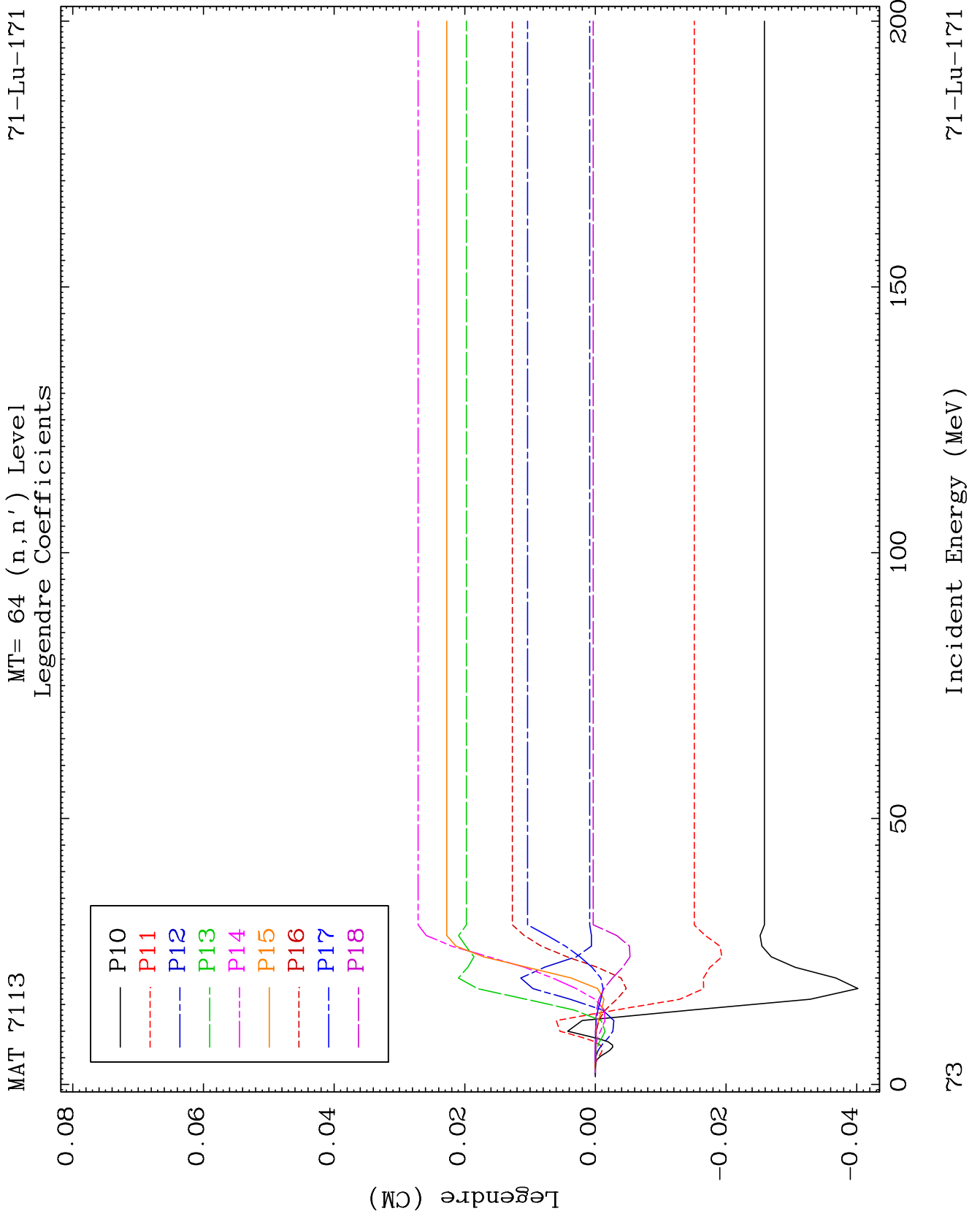
71-Lu-171



71-Lu-171

Incident Energy (MeV)

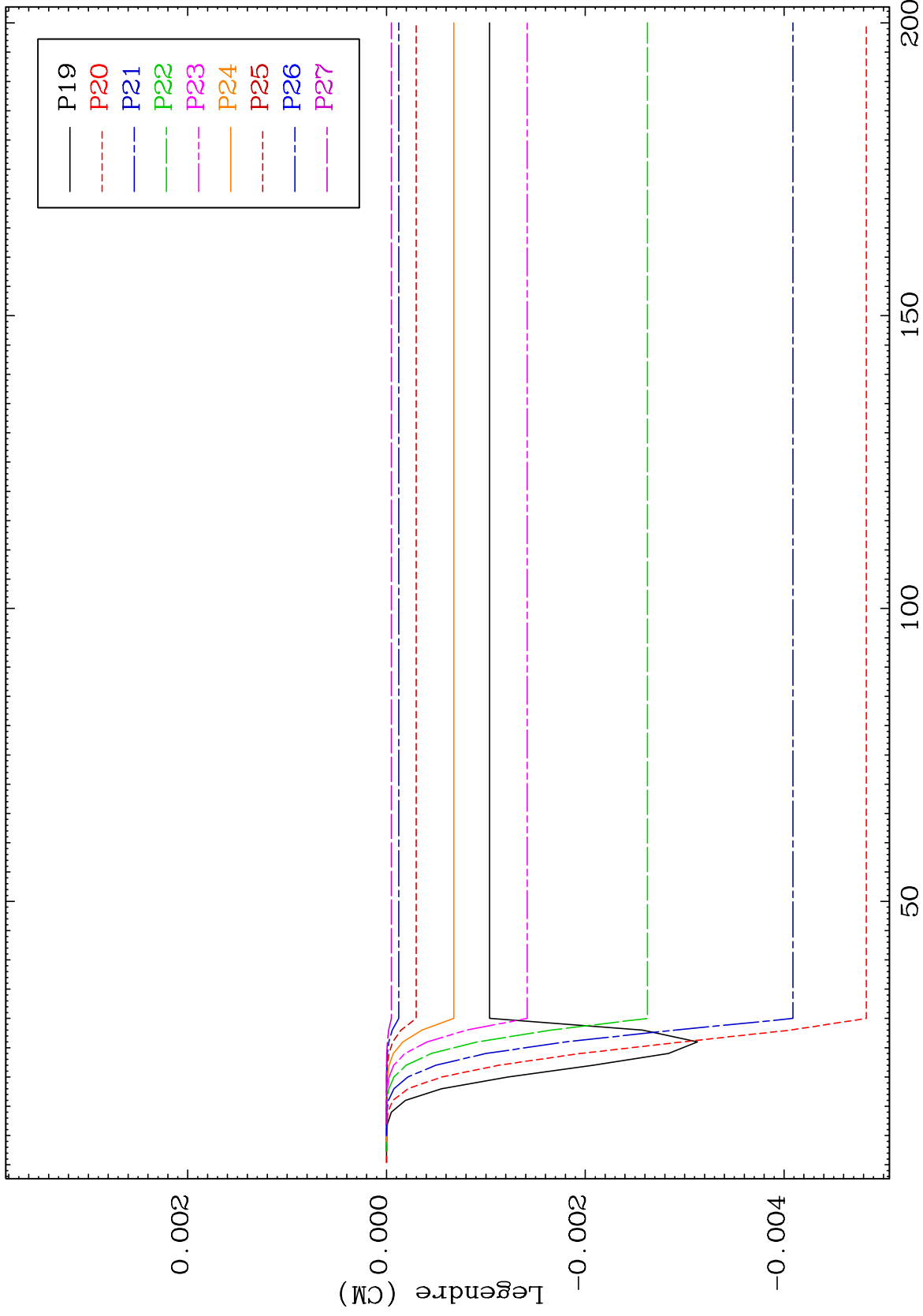
72



MAT 7113

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

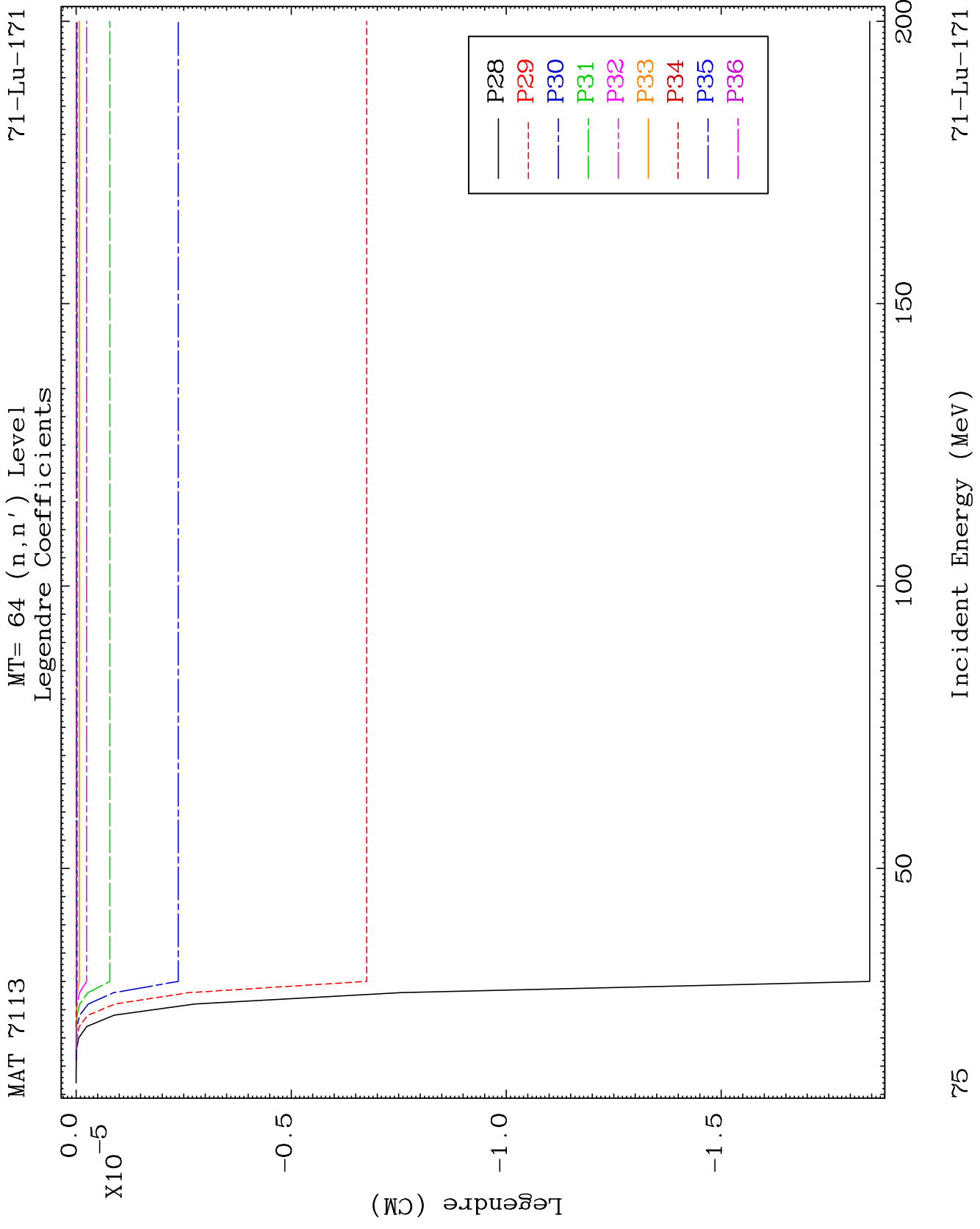
71-Lu-171



74

Incident Energy (MeV)

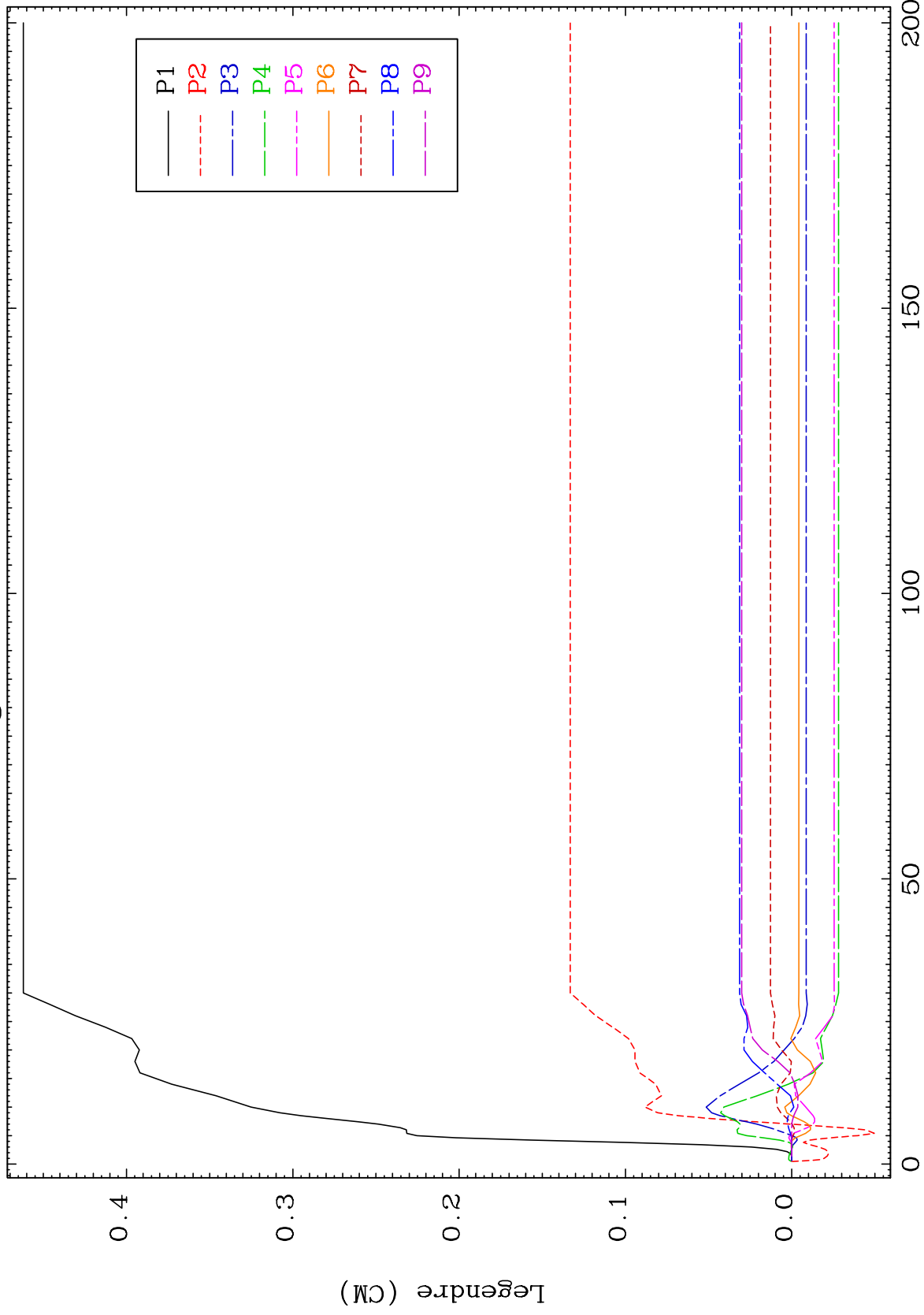
71-Lu-171



MAT 7113

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

71-Lu-171



76

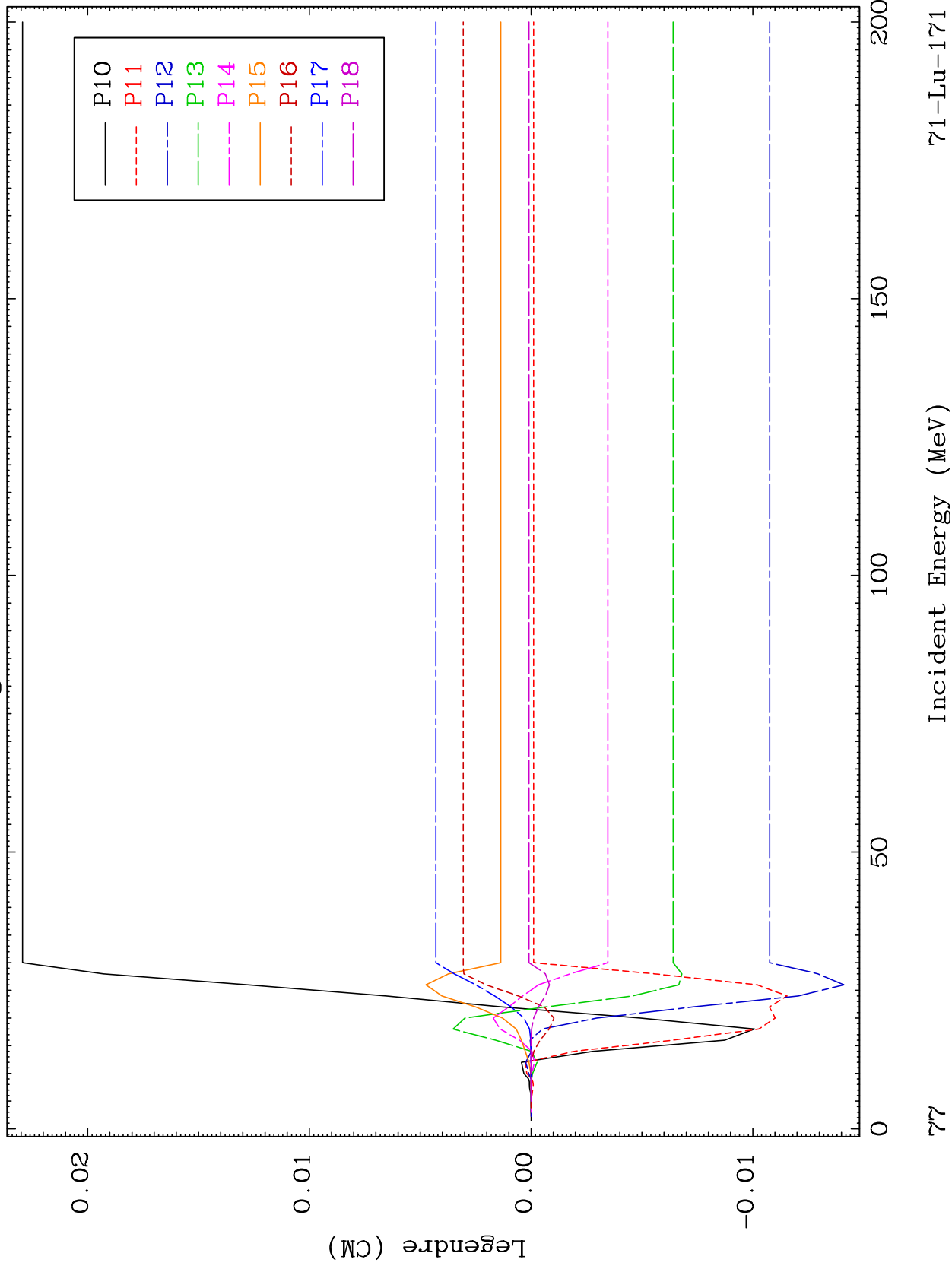
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

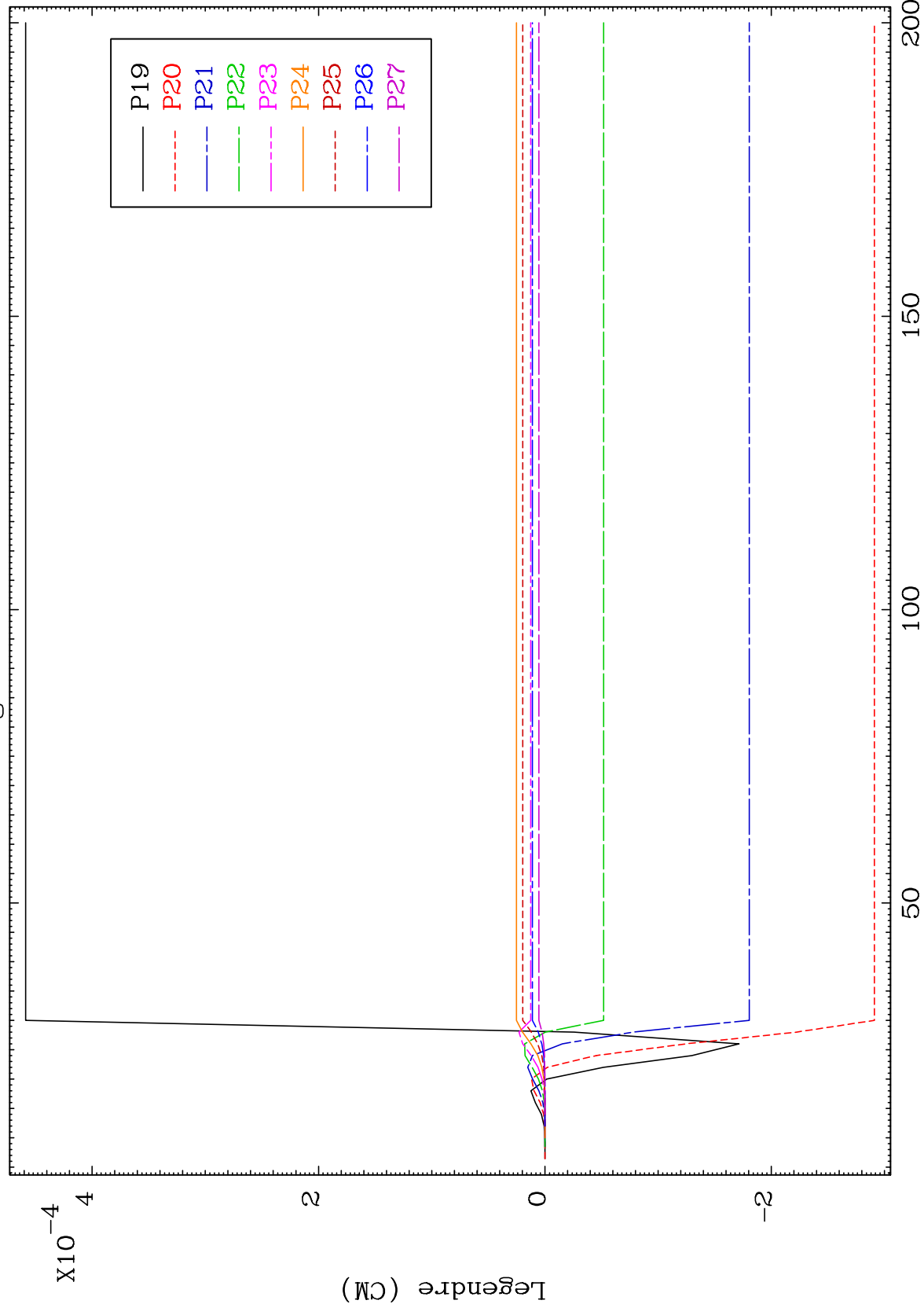
Incident Energy (MeV)

77

MAT 7113

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

71-Lu-171



78

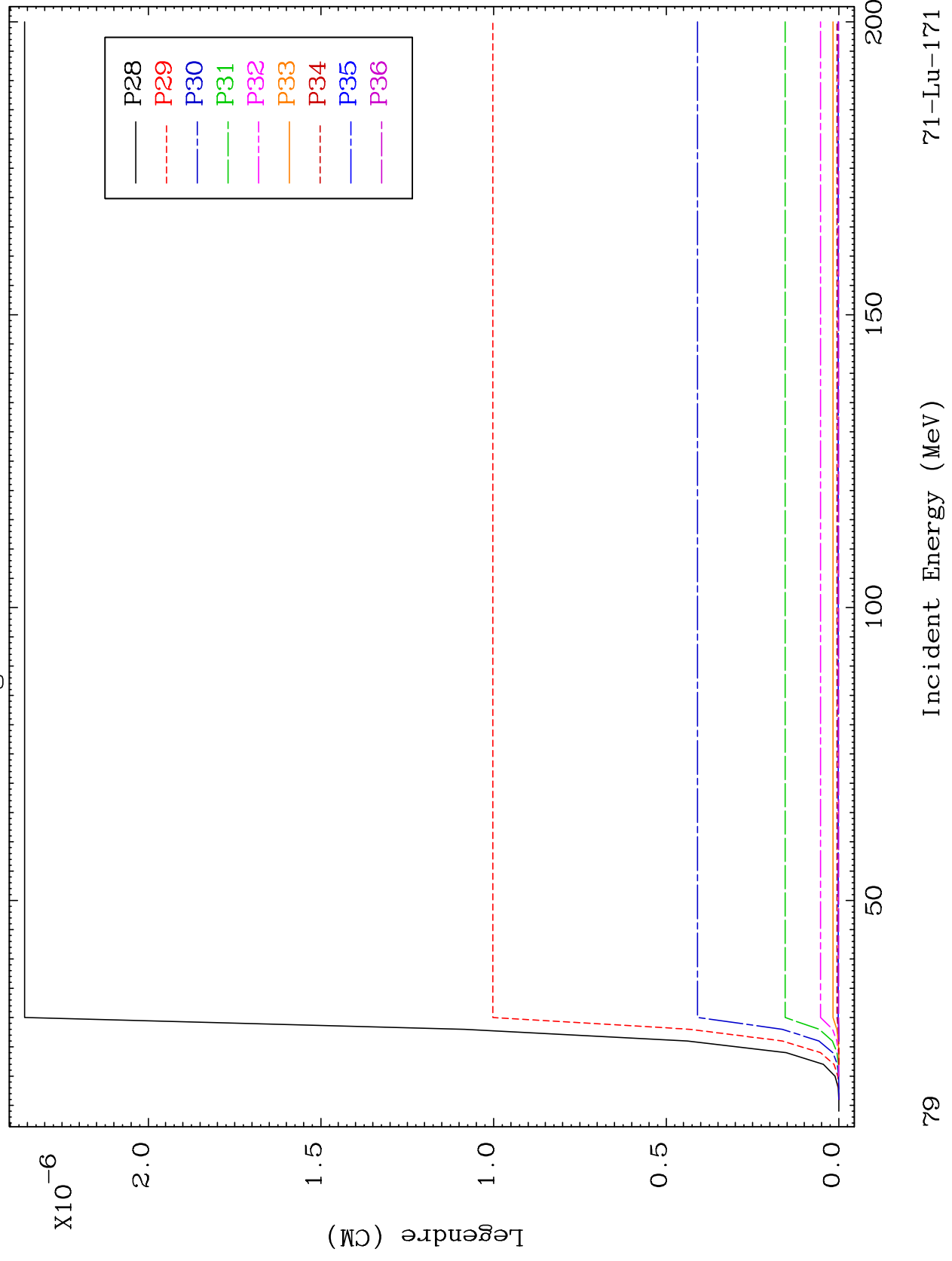
71-Lu-171

71-Lu-171

MAT 7113

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

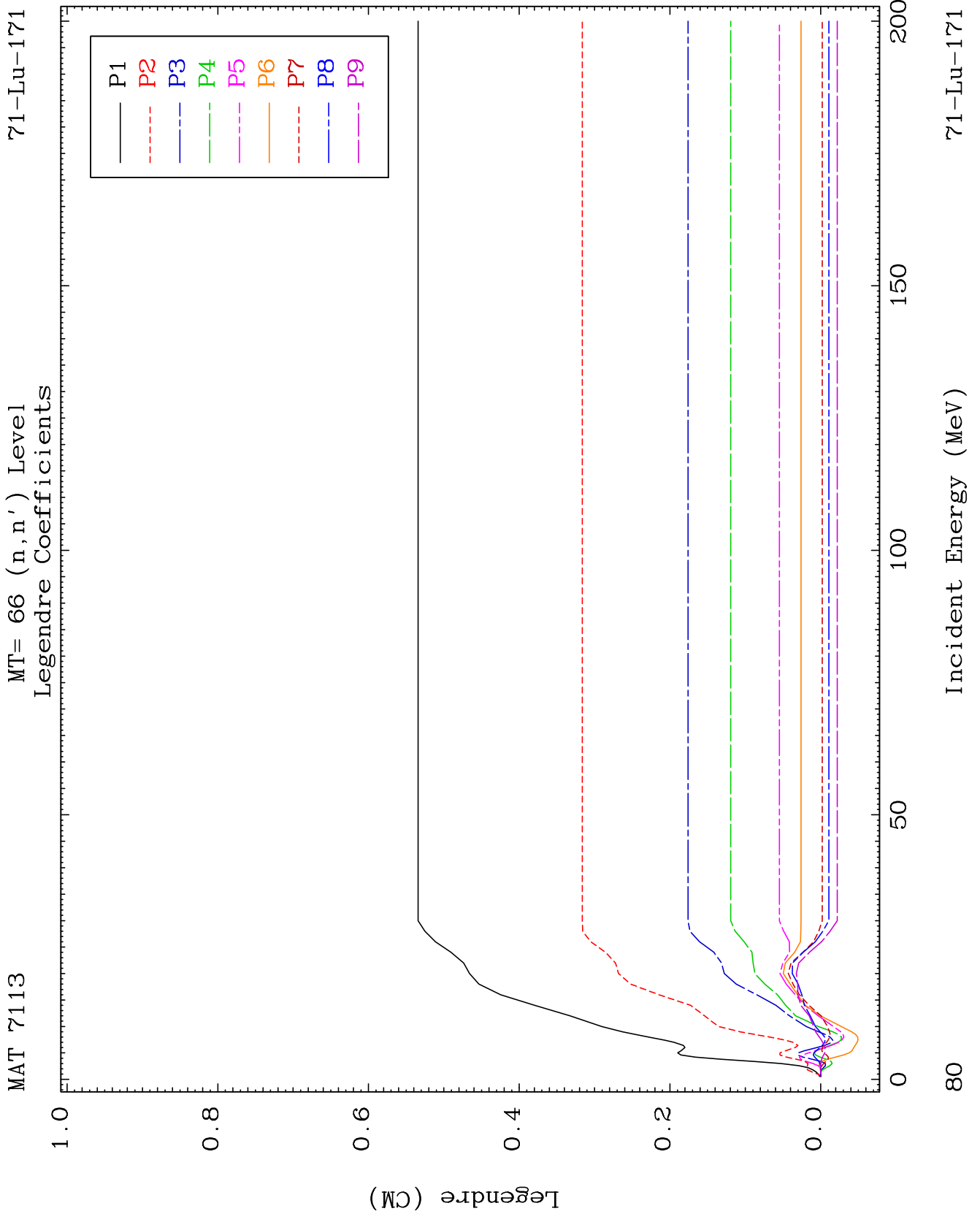
71-Lu-171

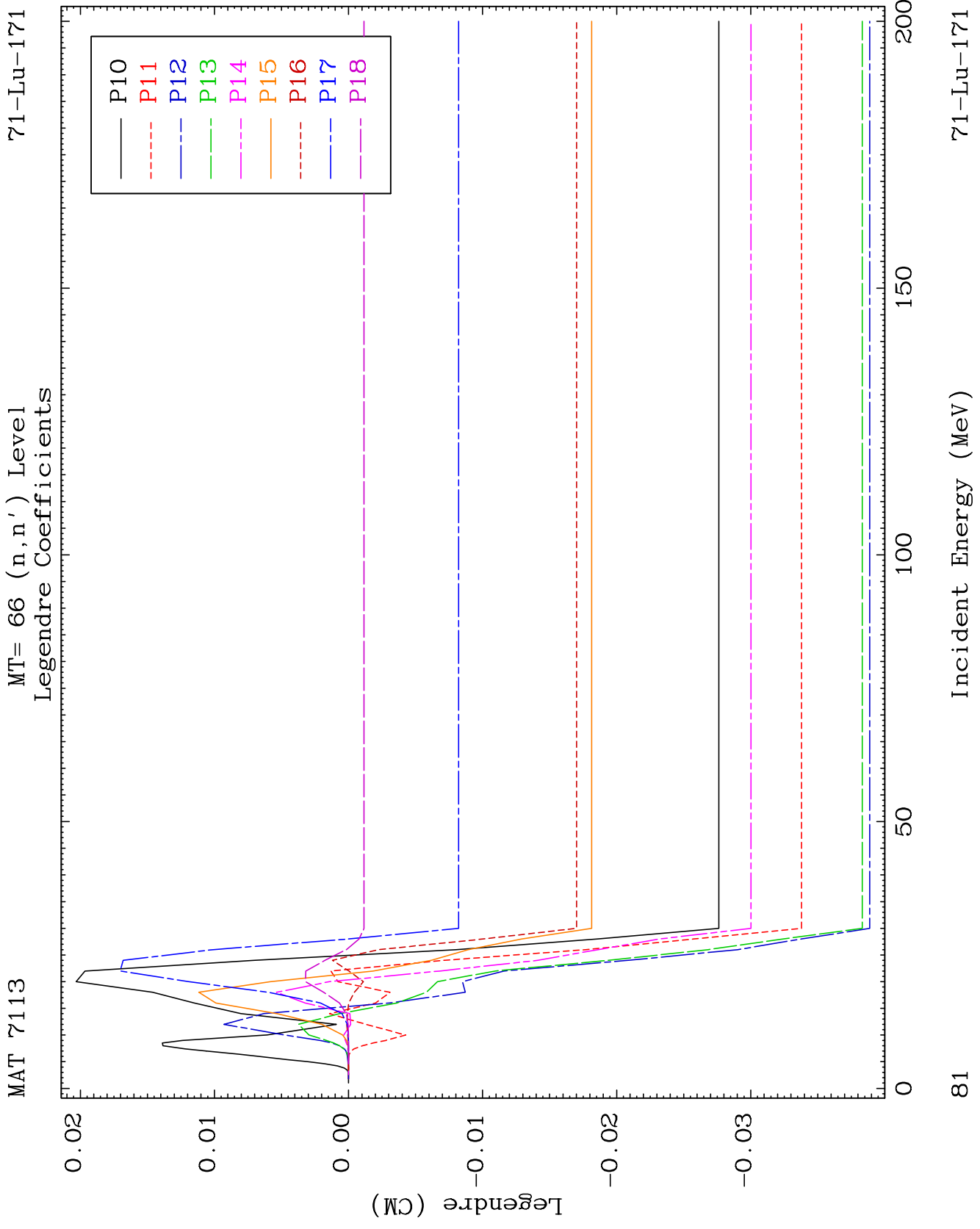


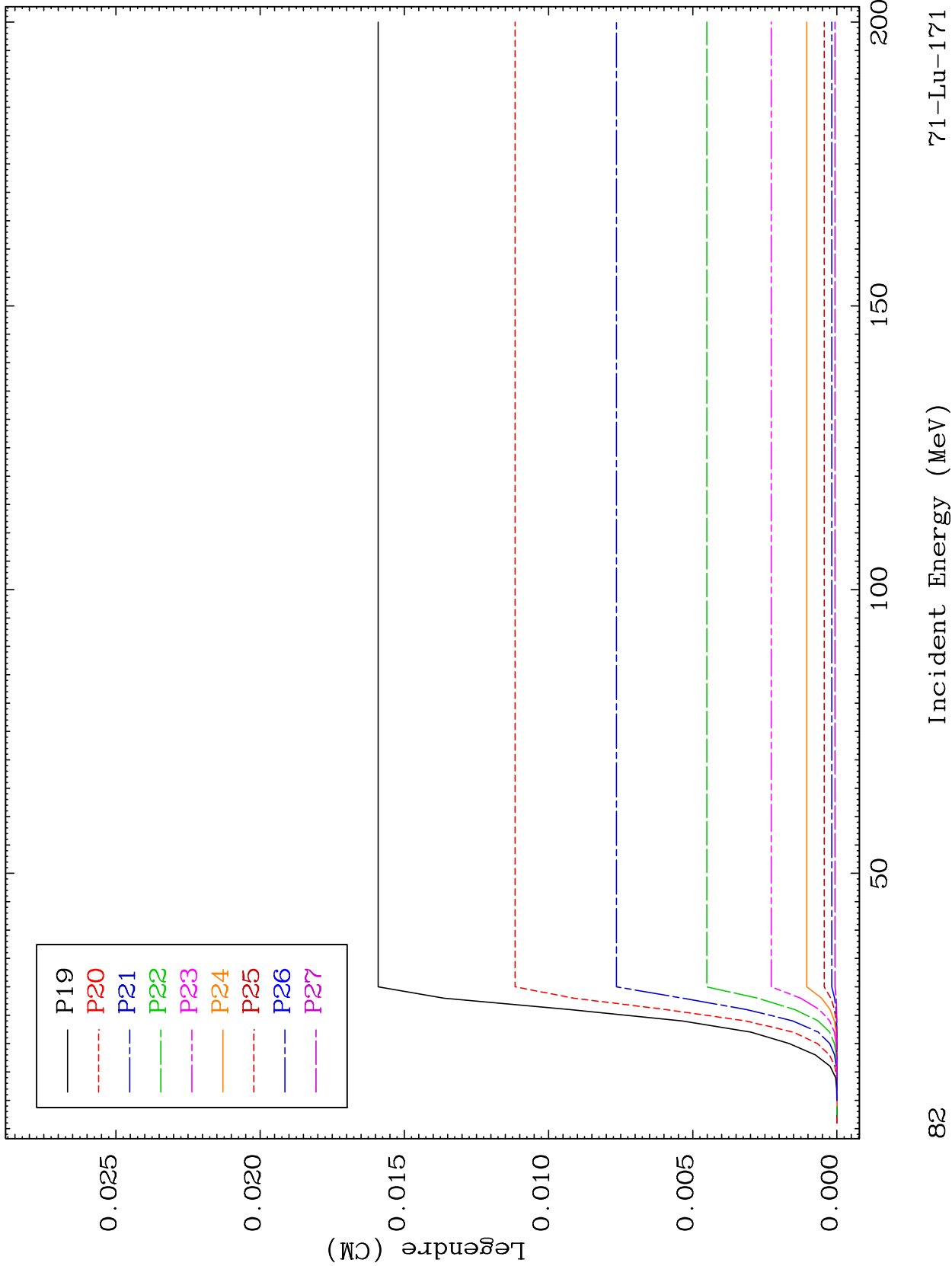
79

Incident Energy (MeV)

71-Lu-171



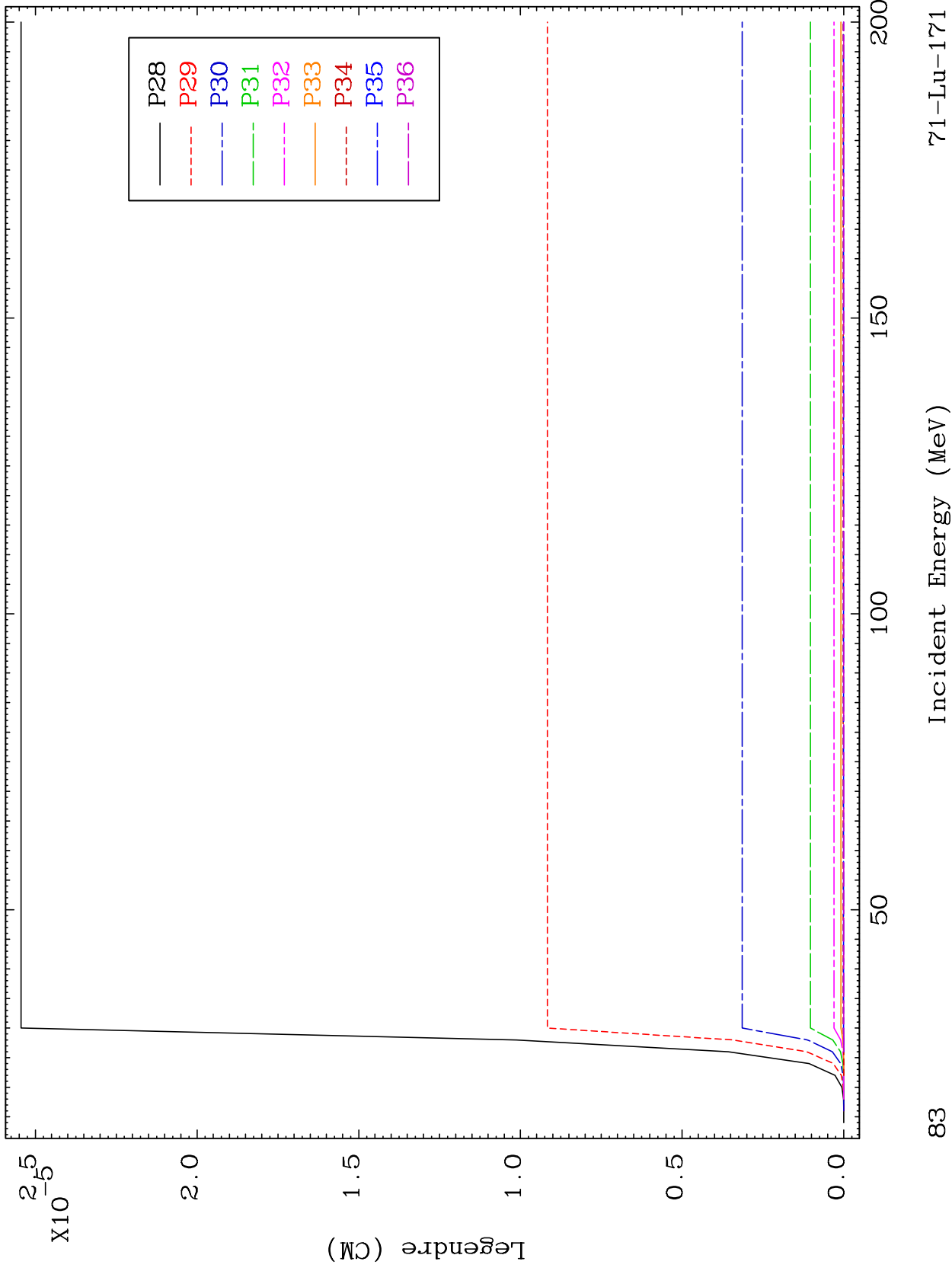


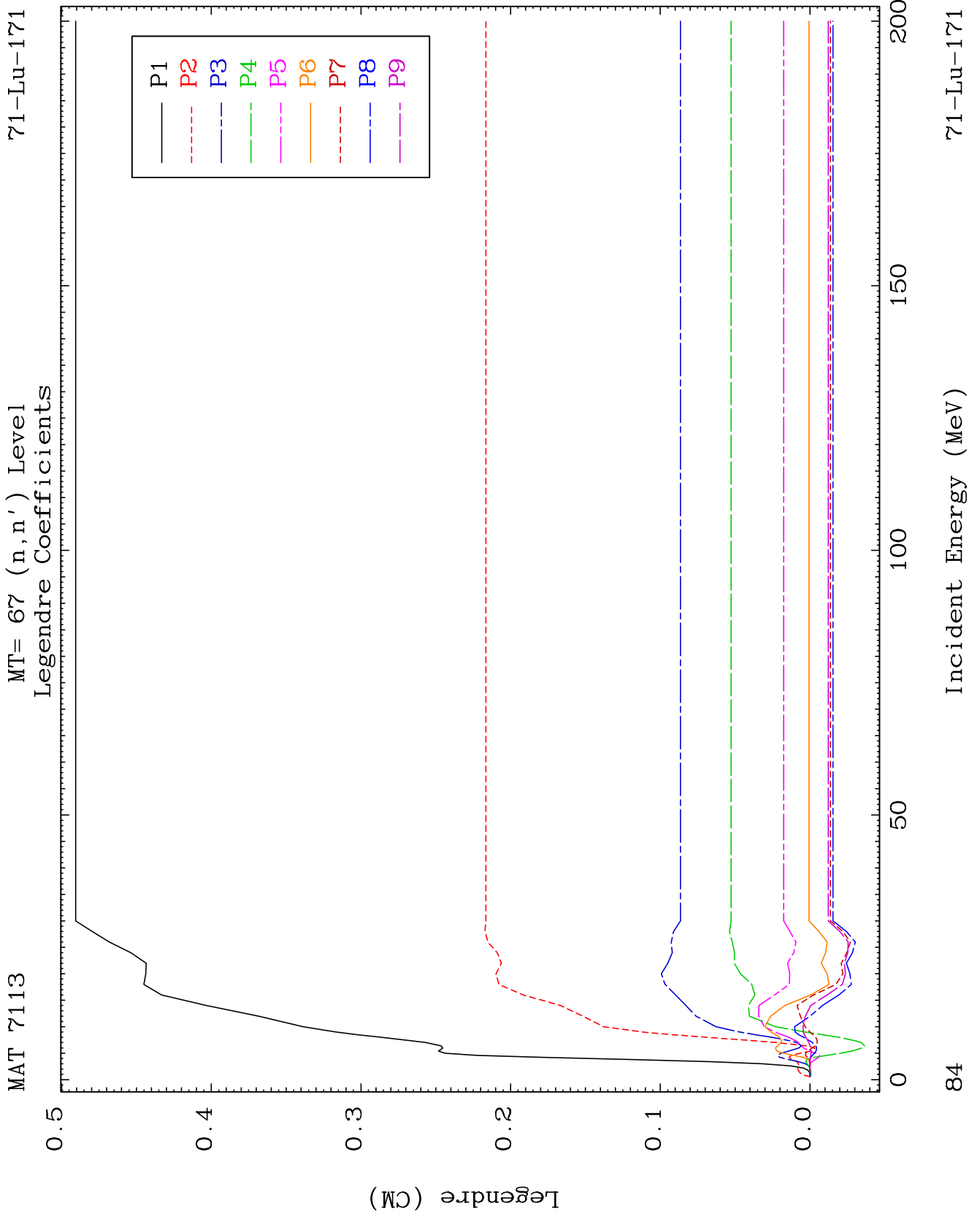


MAT 7113

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

71-Lu-171

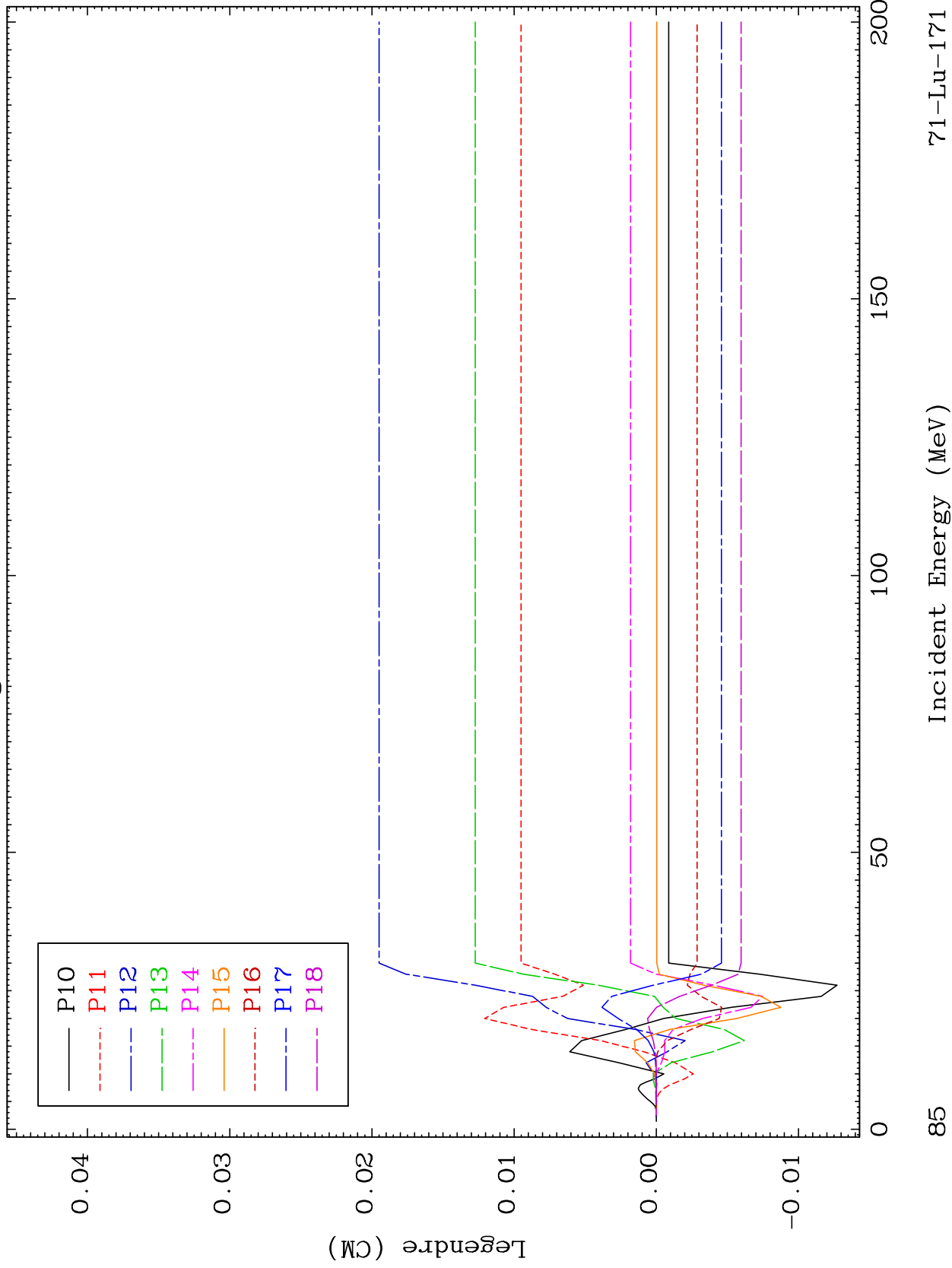




MAT 7113

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

71-Lu-171



71-Lu-171

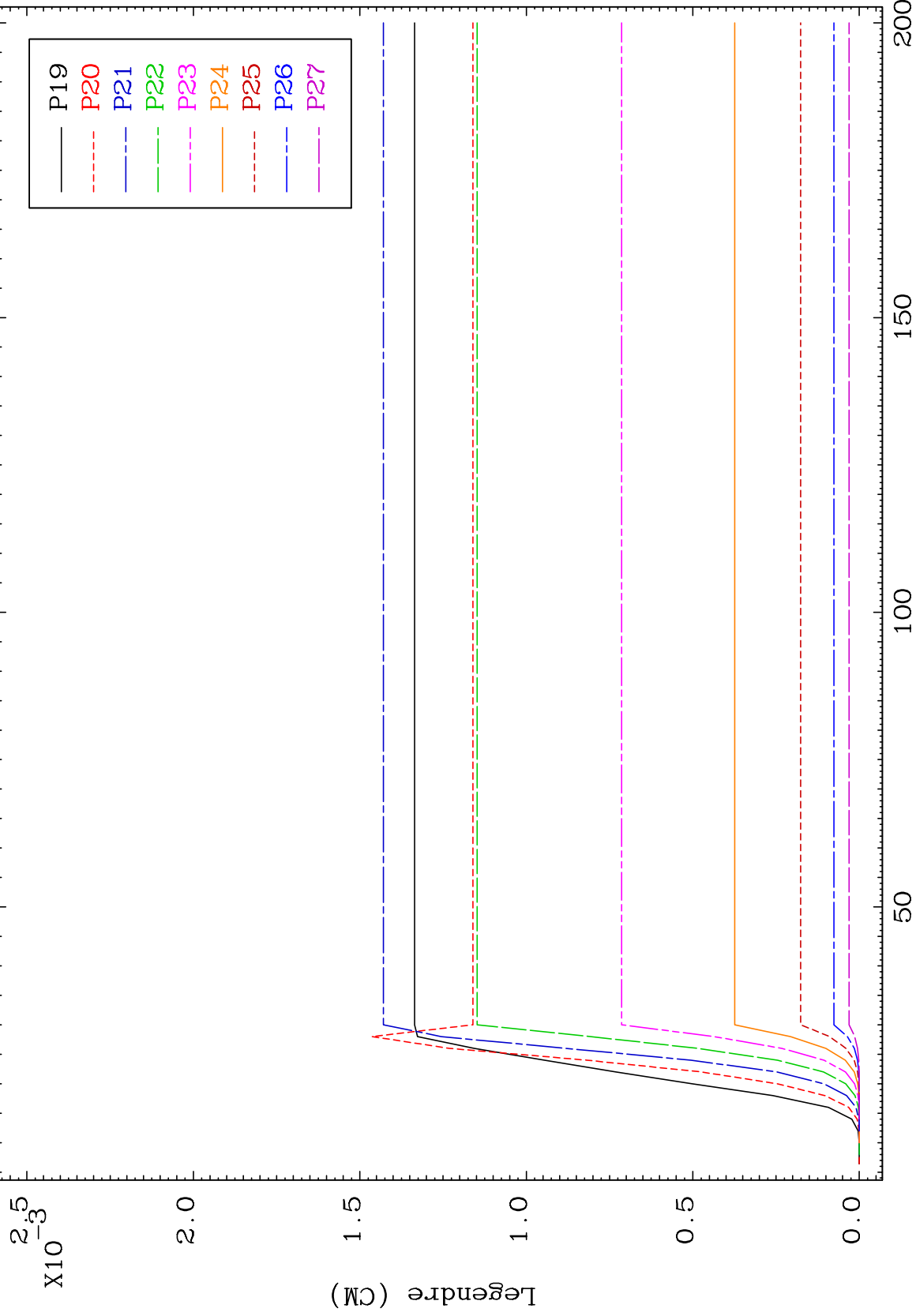
Incident Energy (MeV)

85

MAT 7113

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

71-Lu-171



86

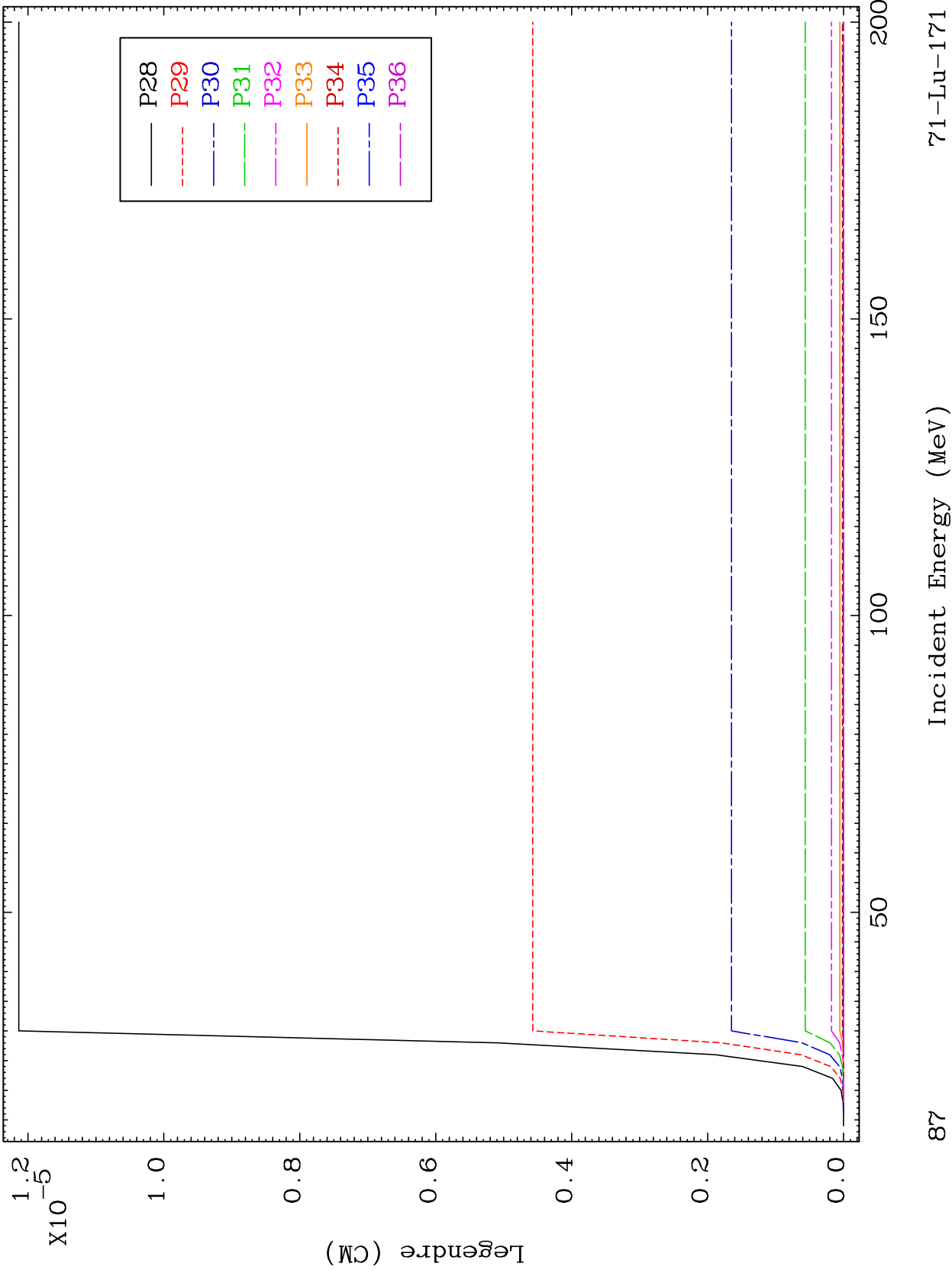
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



87

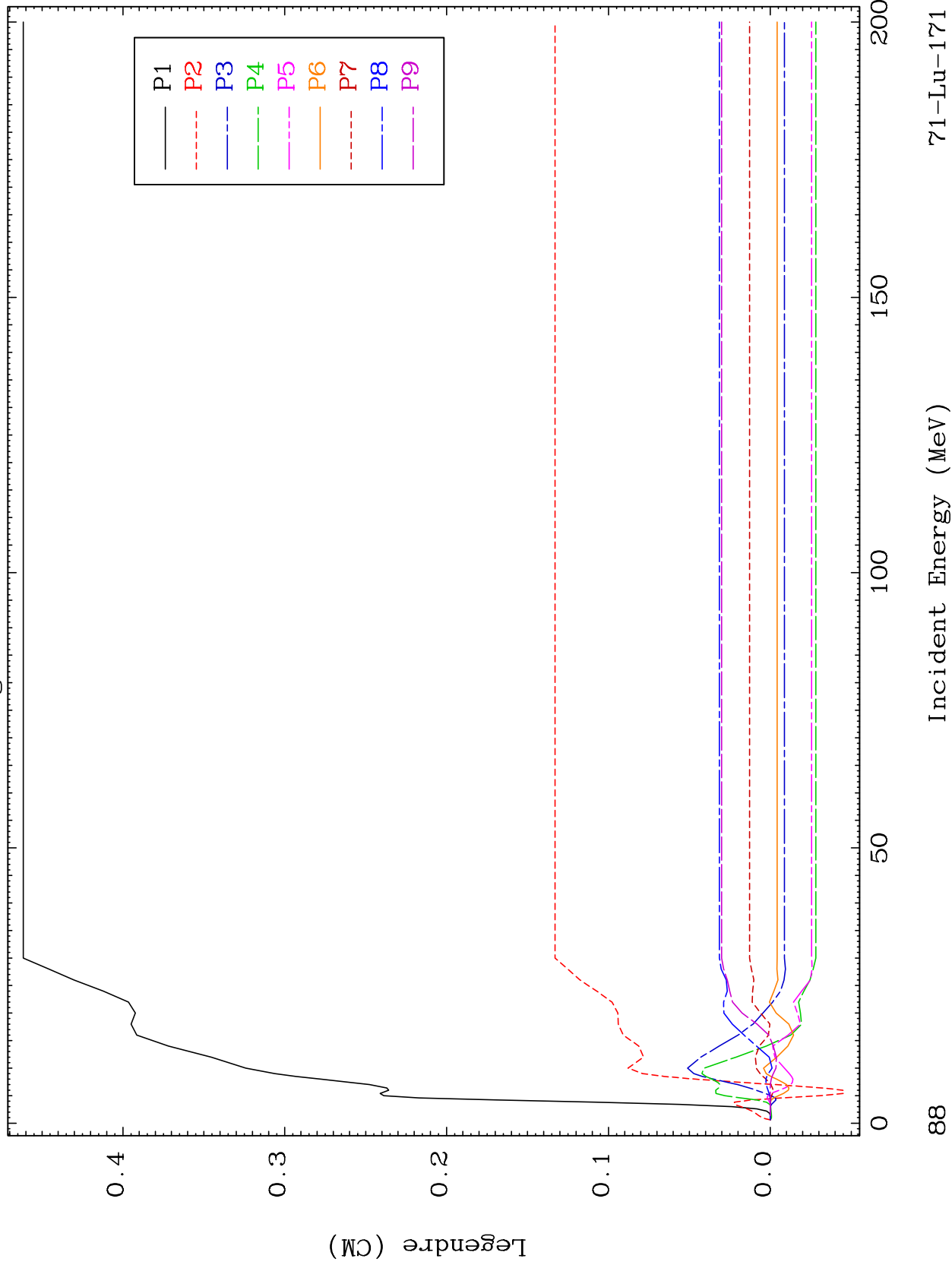
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

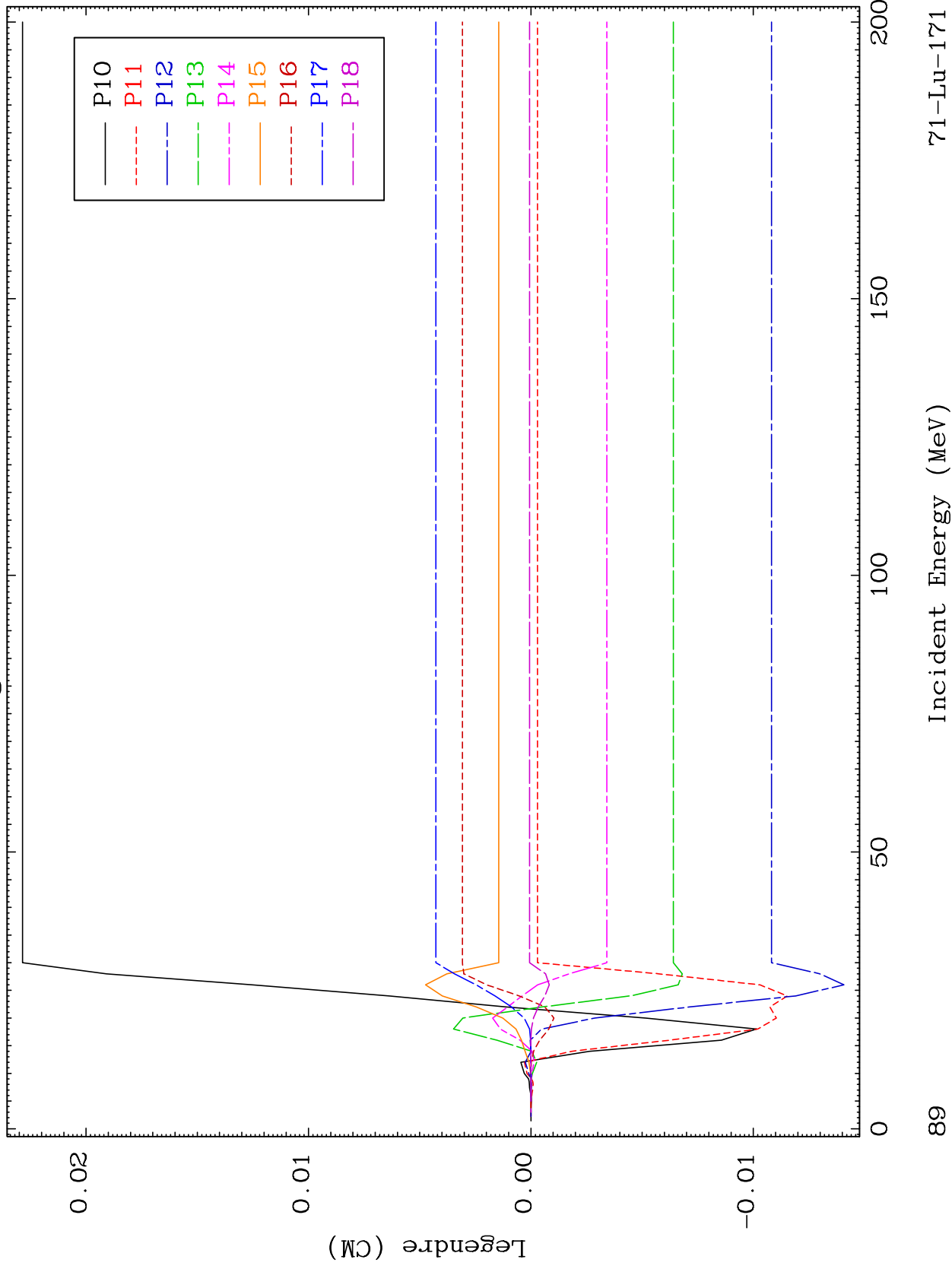
Incident Energy (MeV)

88

MAT 7113

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

71-Lu-171



71-Lu-171

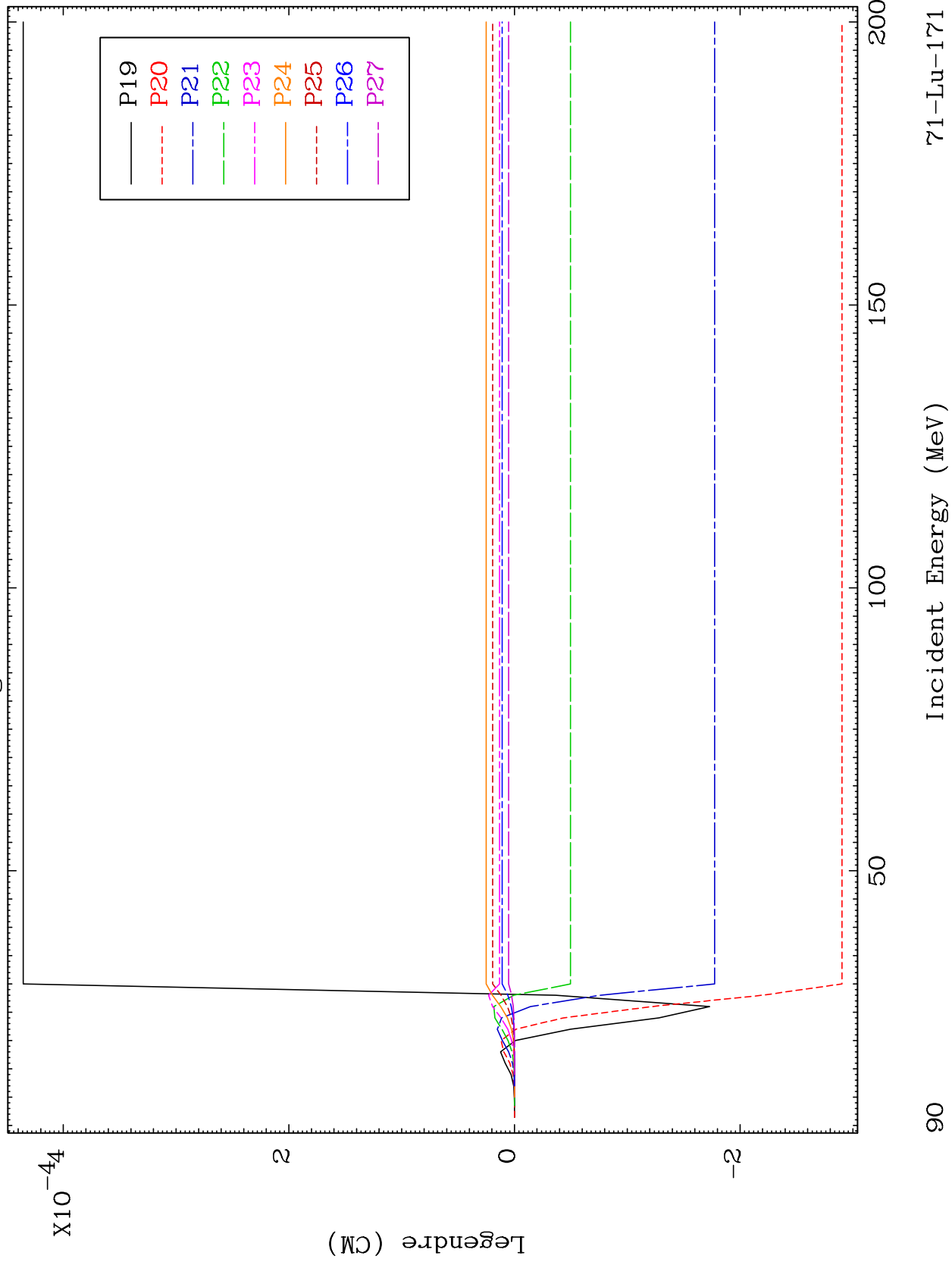
Incident Energy (MeV)

89

MAT 7113

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

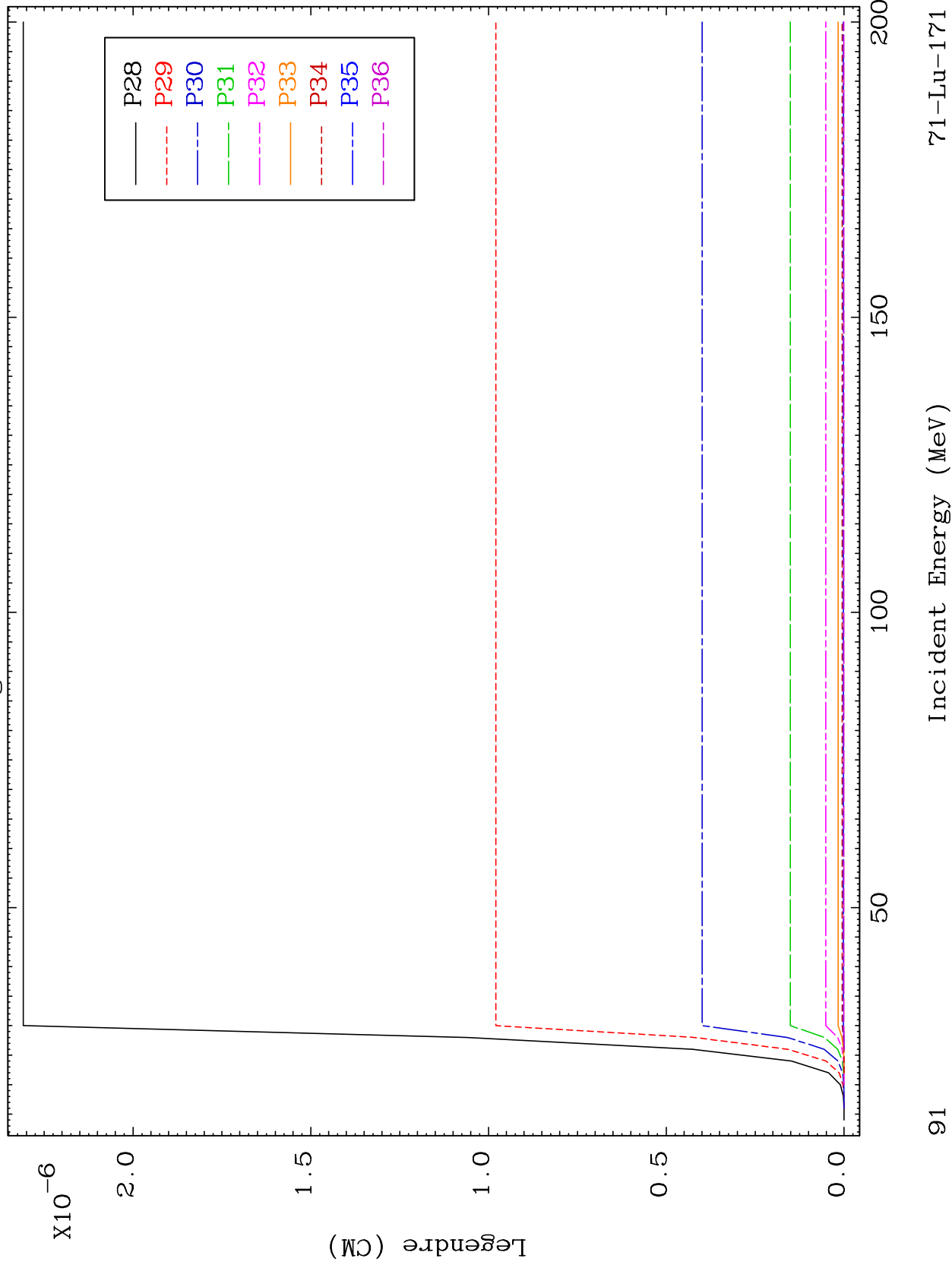
71-Lu-171



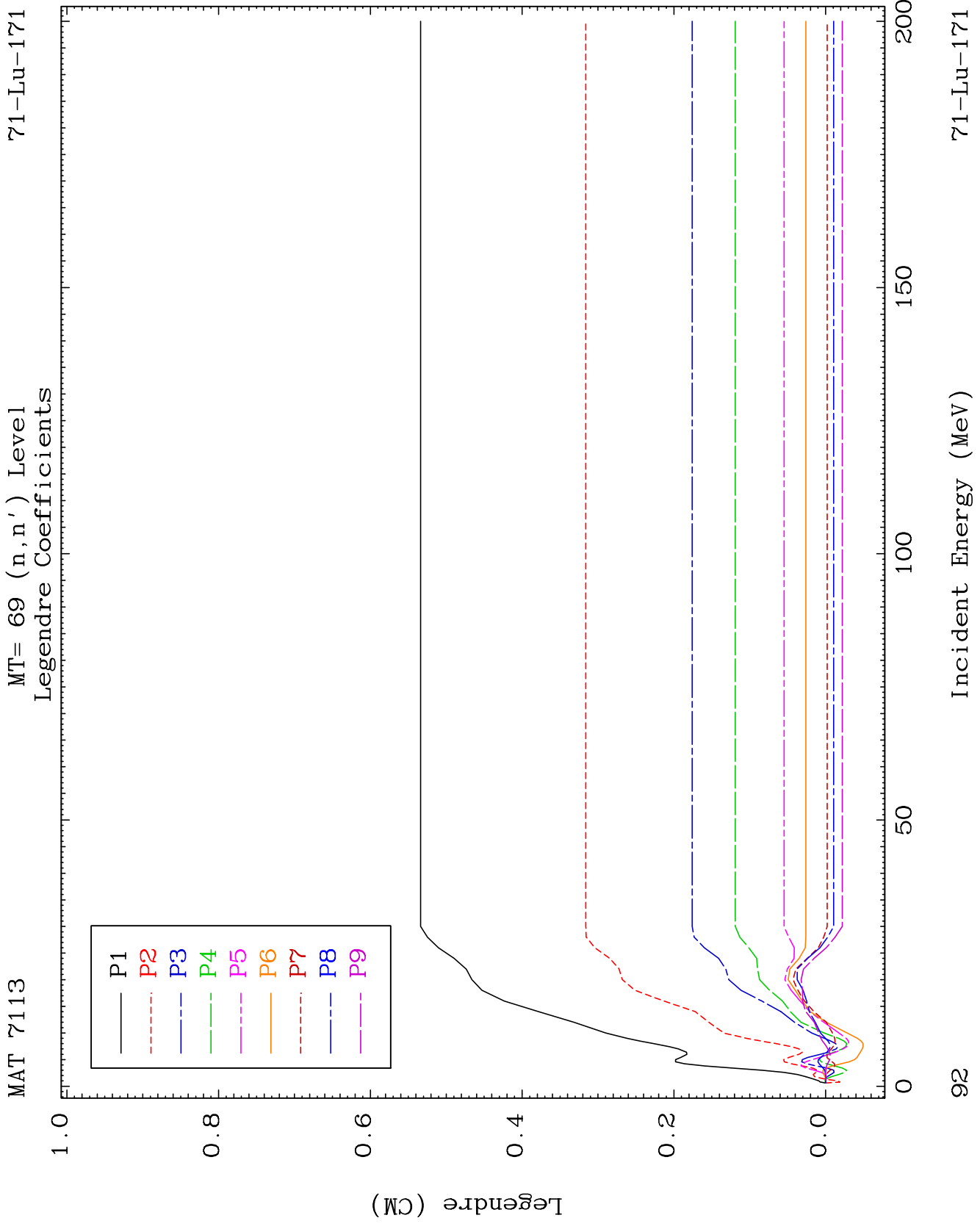
MAT 7113

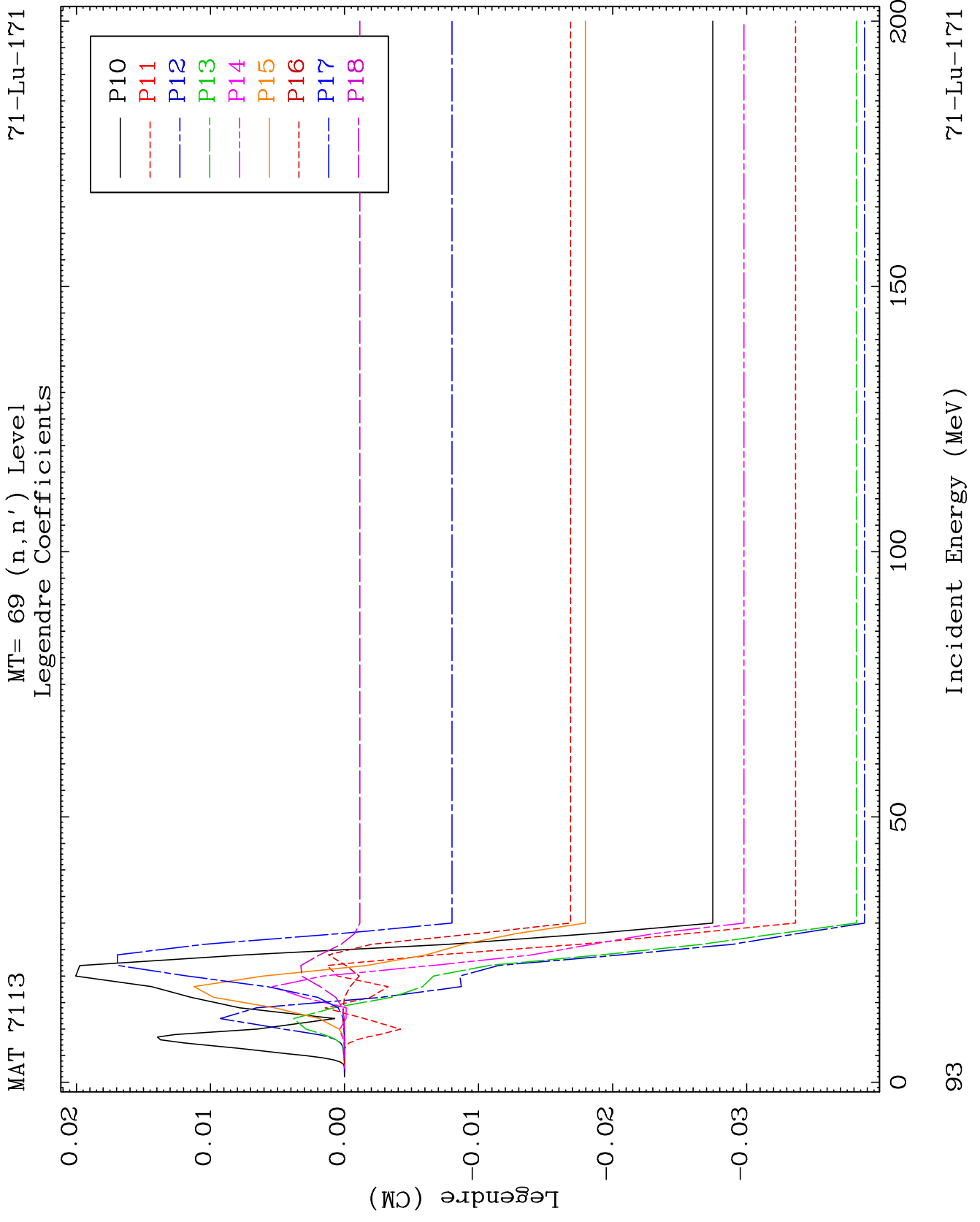
MT= 68 (n,n') Level
Legendre Coefficients

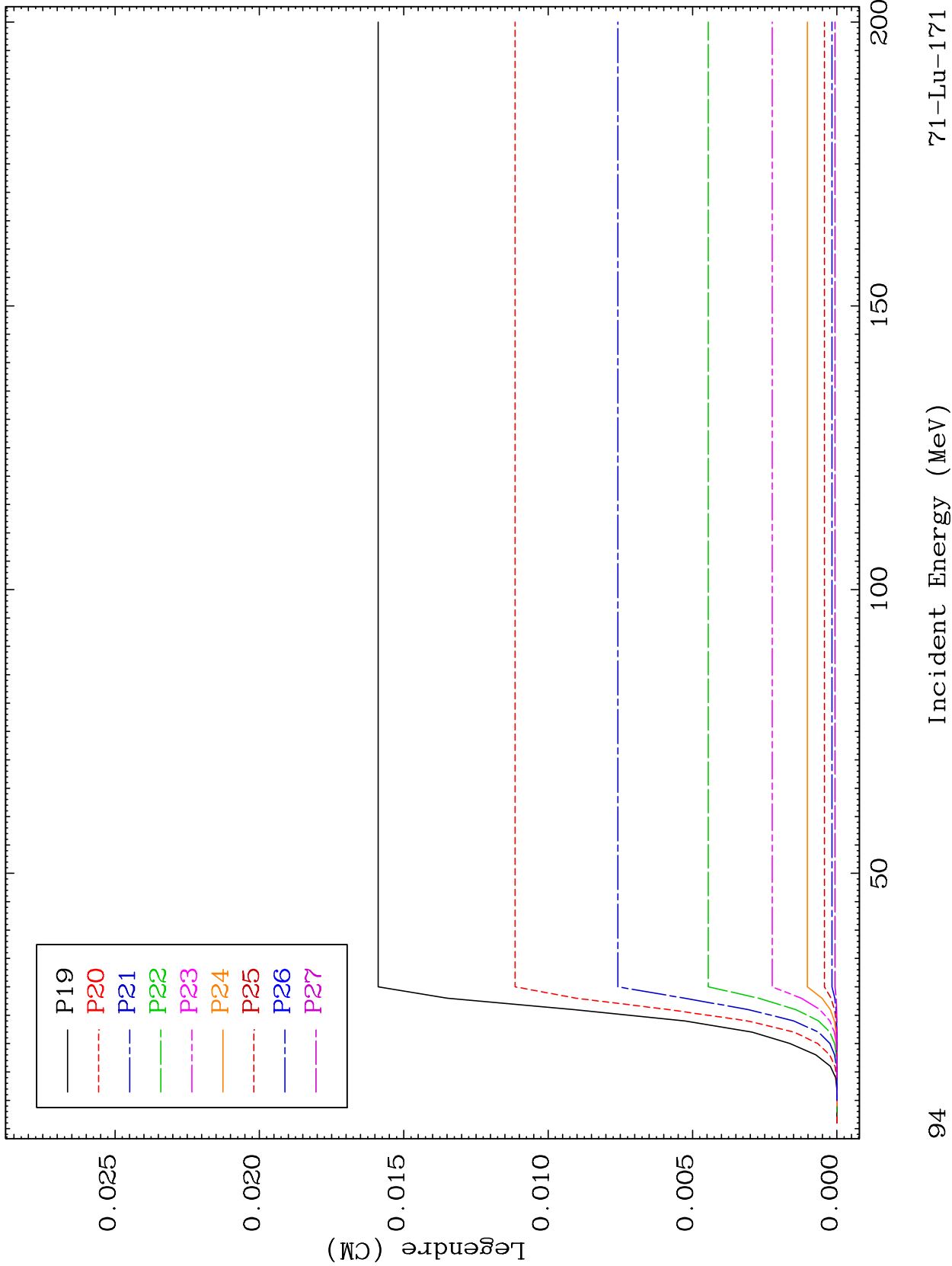
71-Lu-171

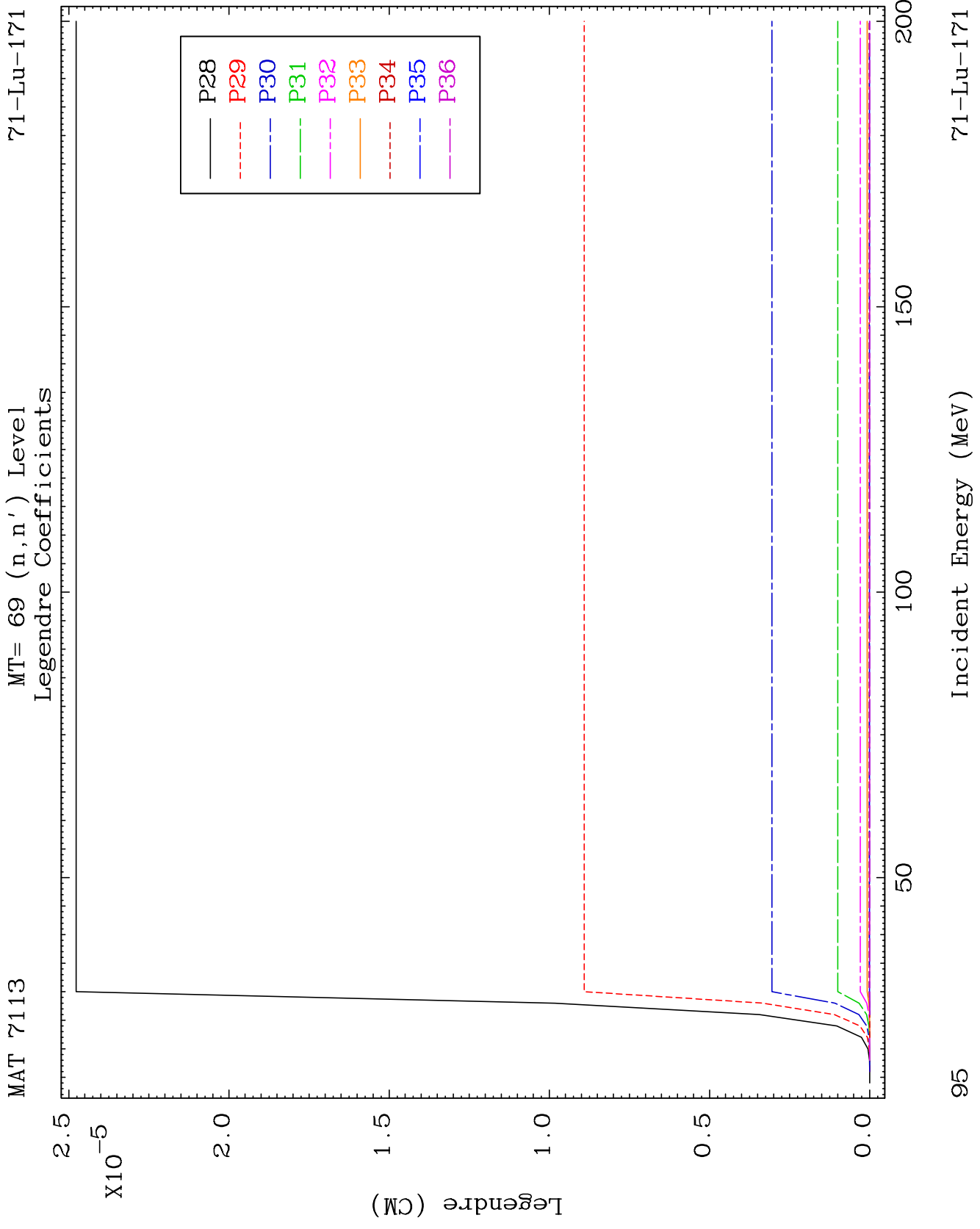


91





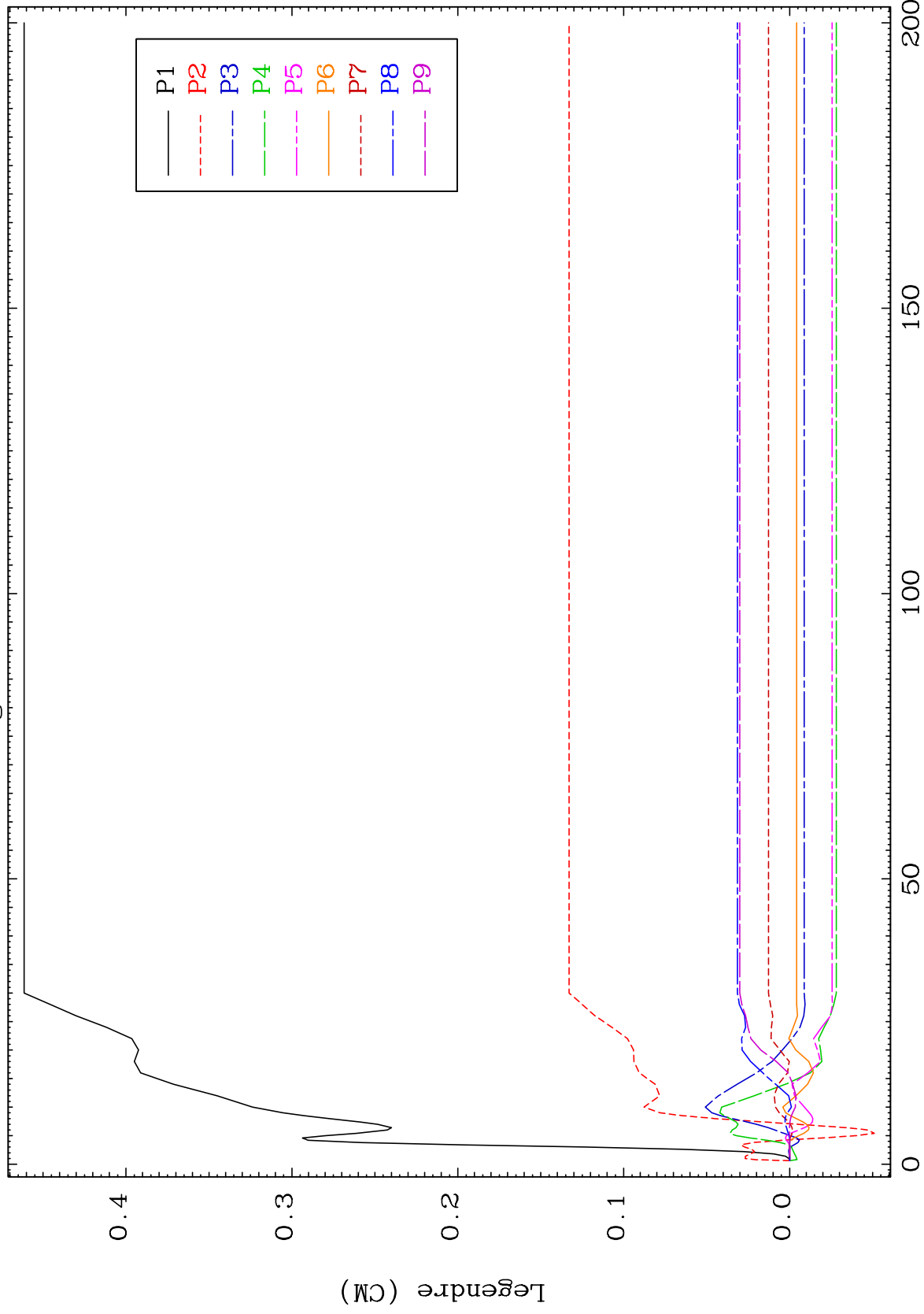




MAT 7113

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

71-Lu-171



96

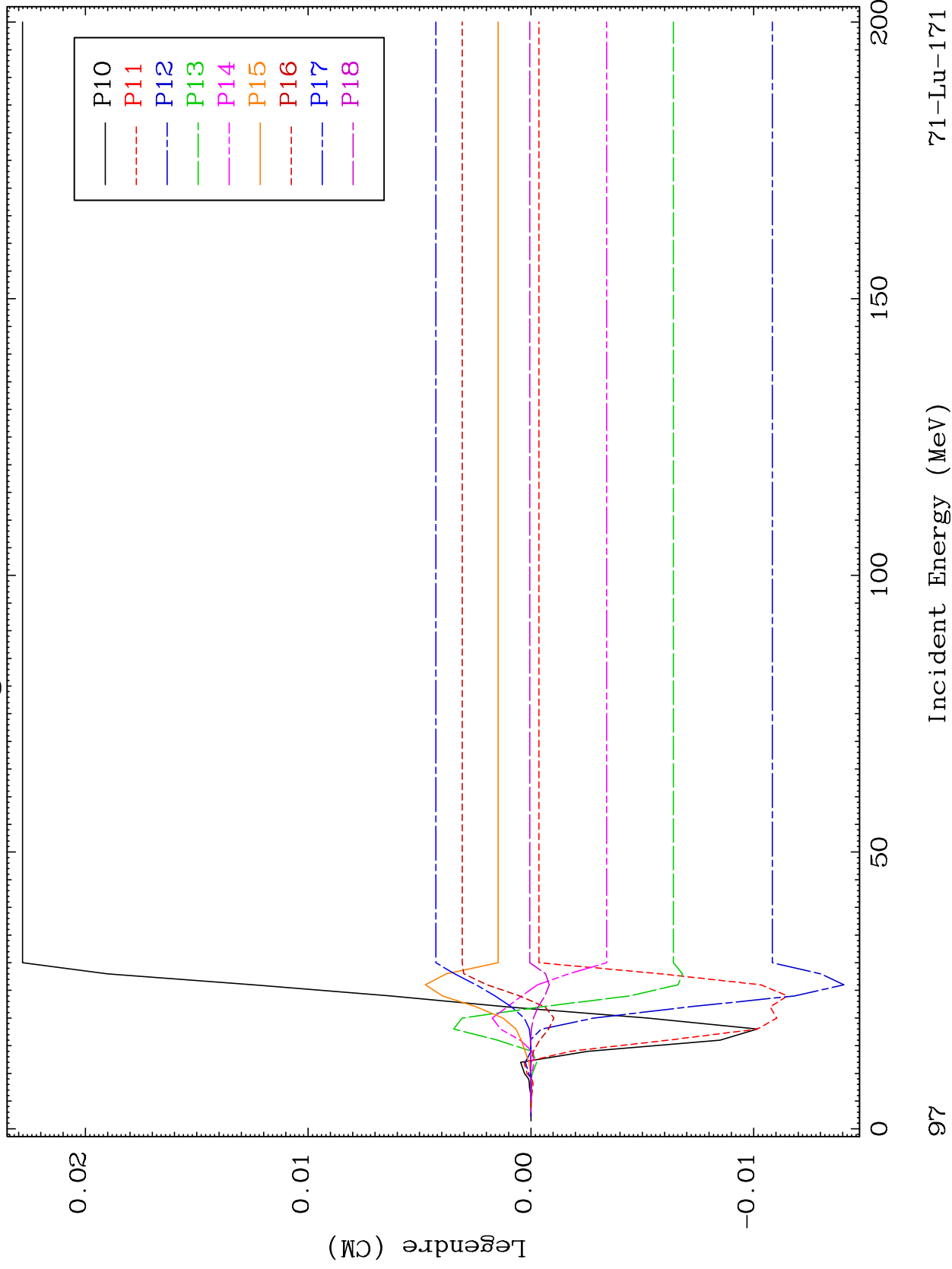
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



97

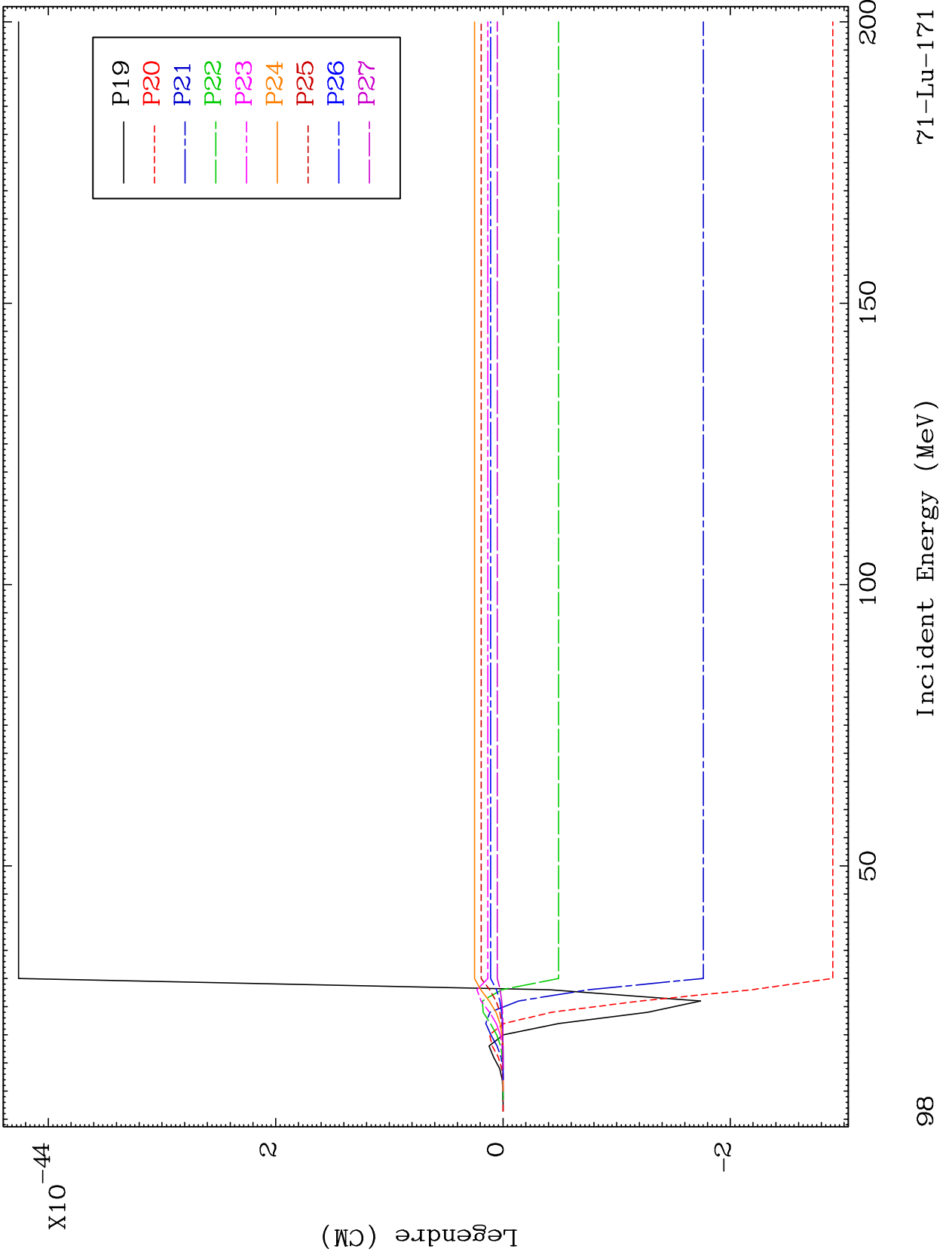
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



98

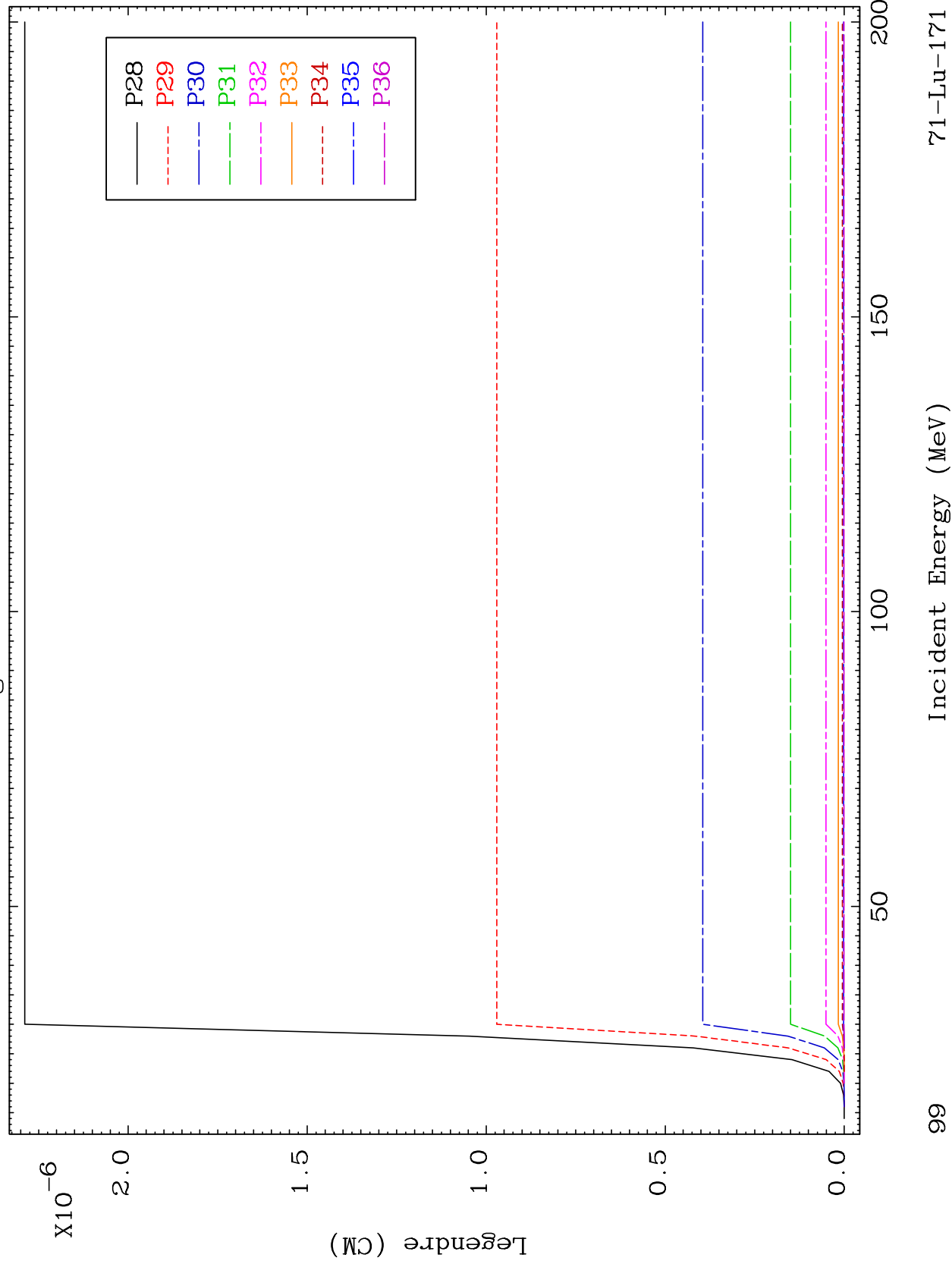
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



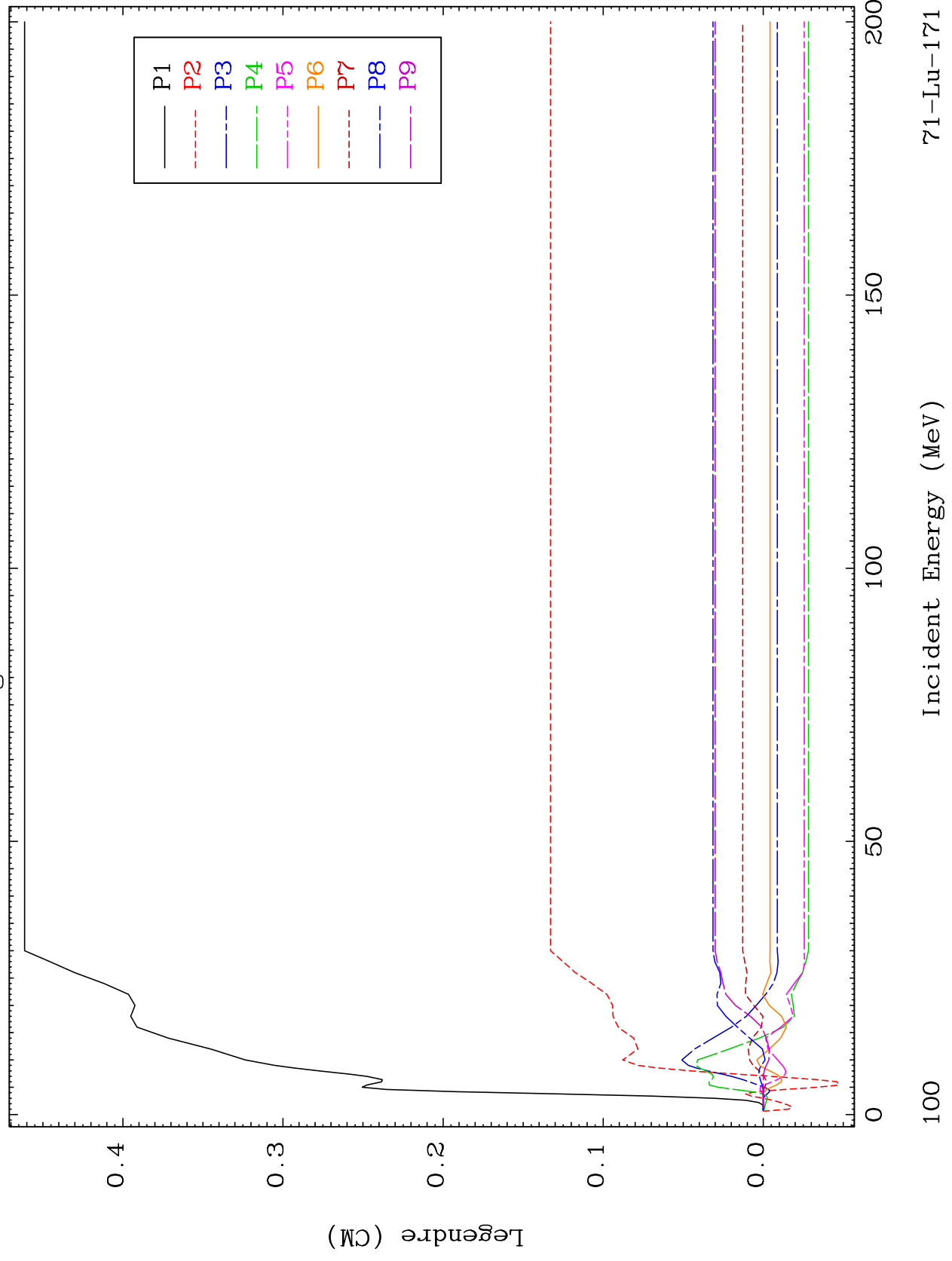
99

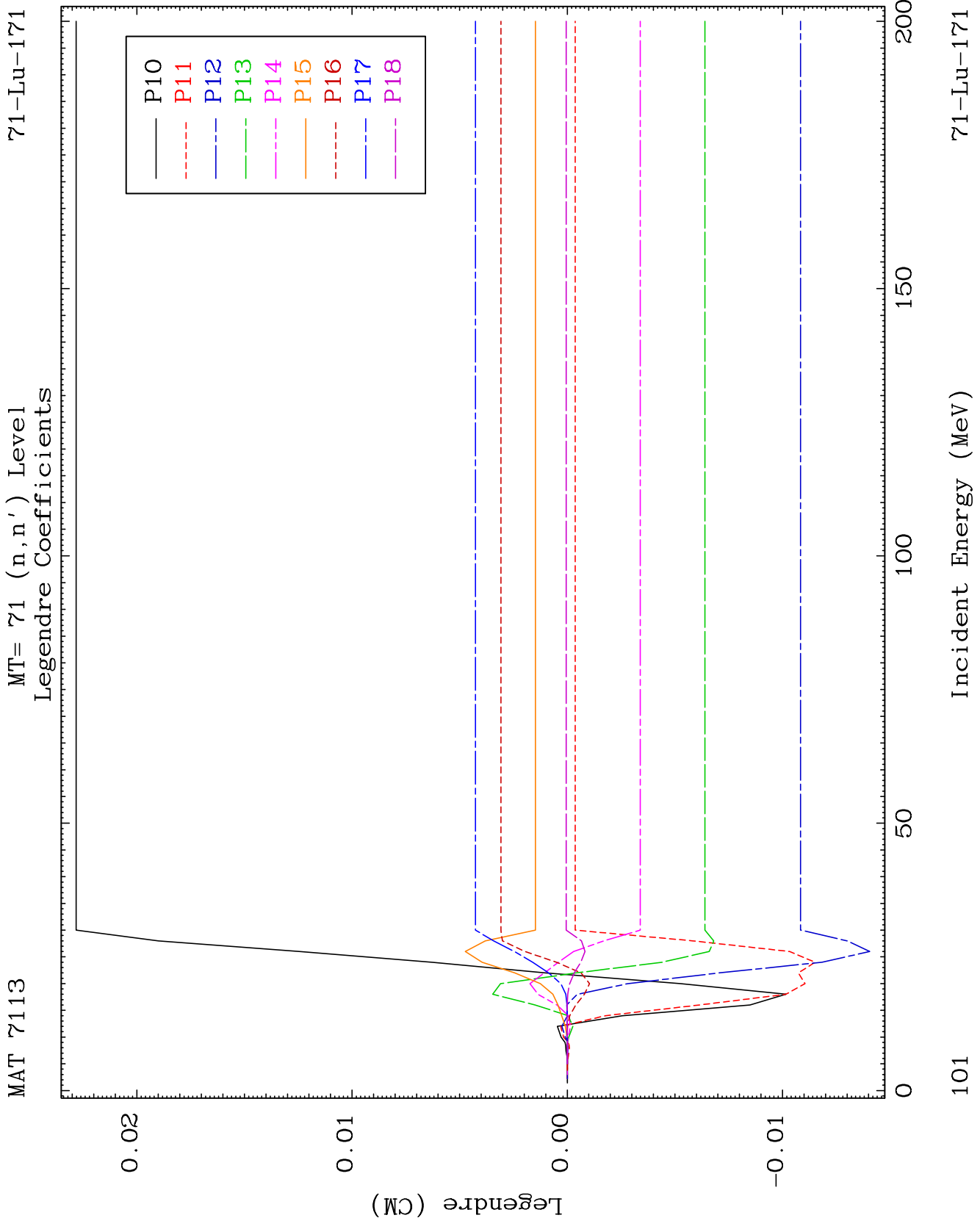
71-Lu-171

MAT 7113

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

71-Lu-171

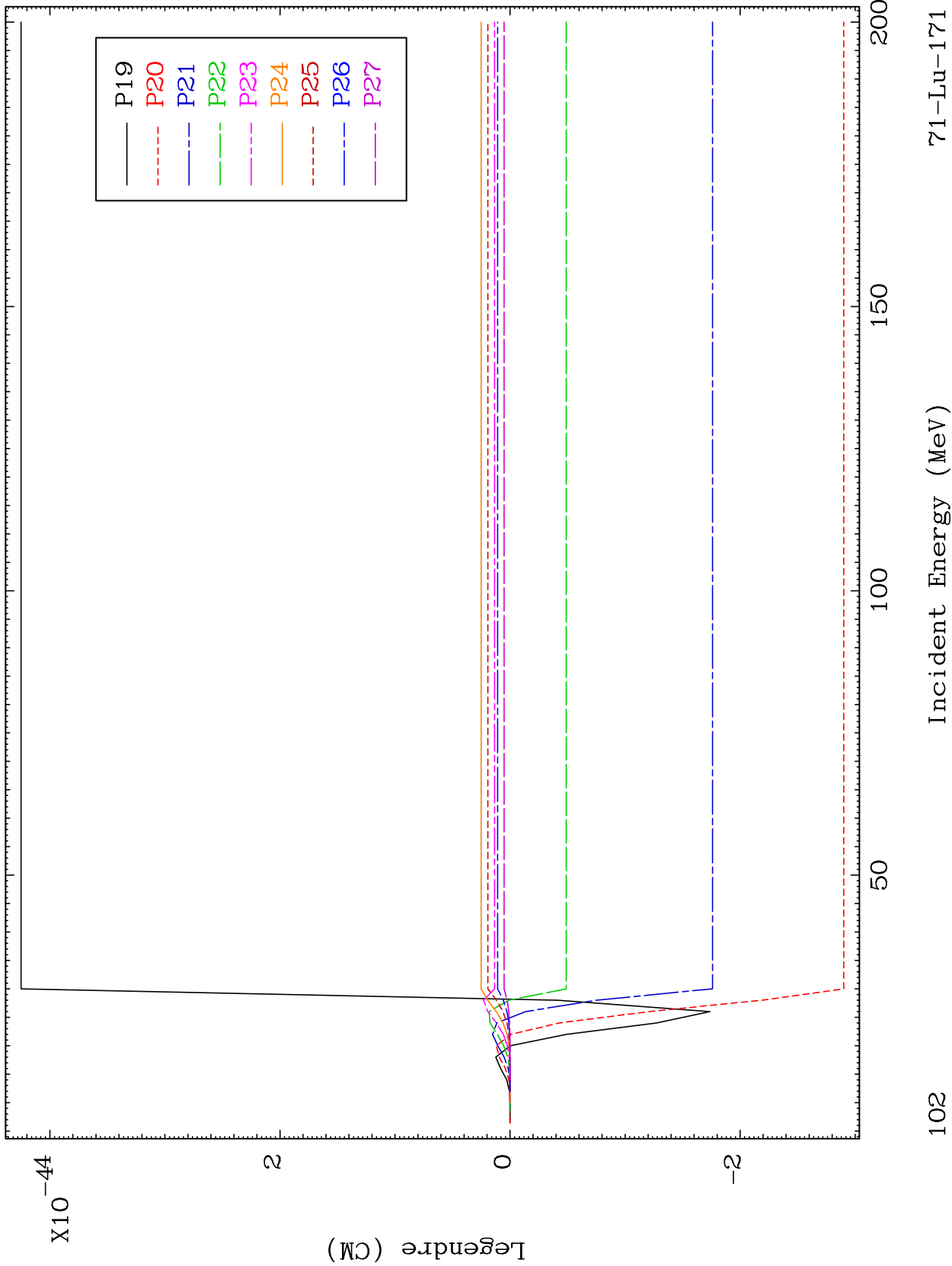




MAT 7113

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

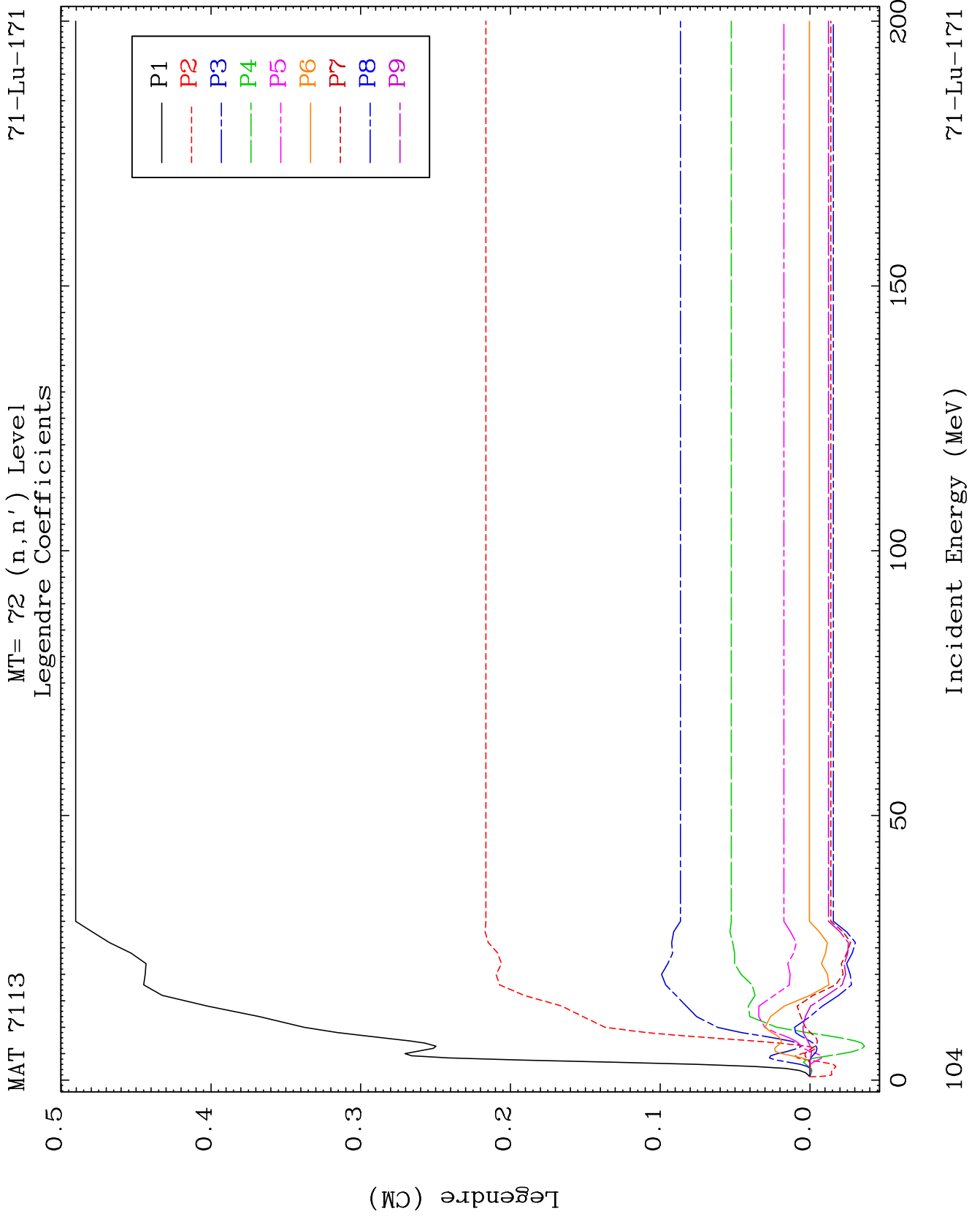
71-Lu-171



102

Incident Energy (MeV)

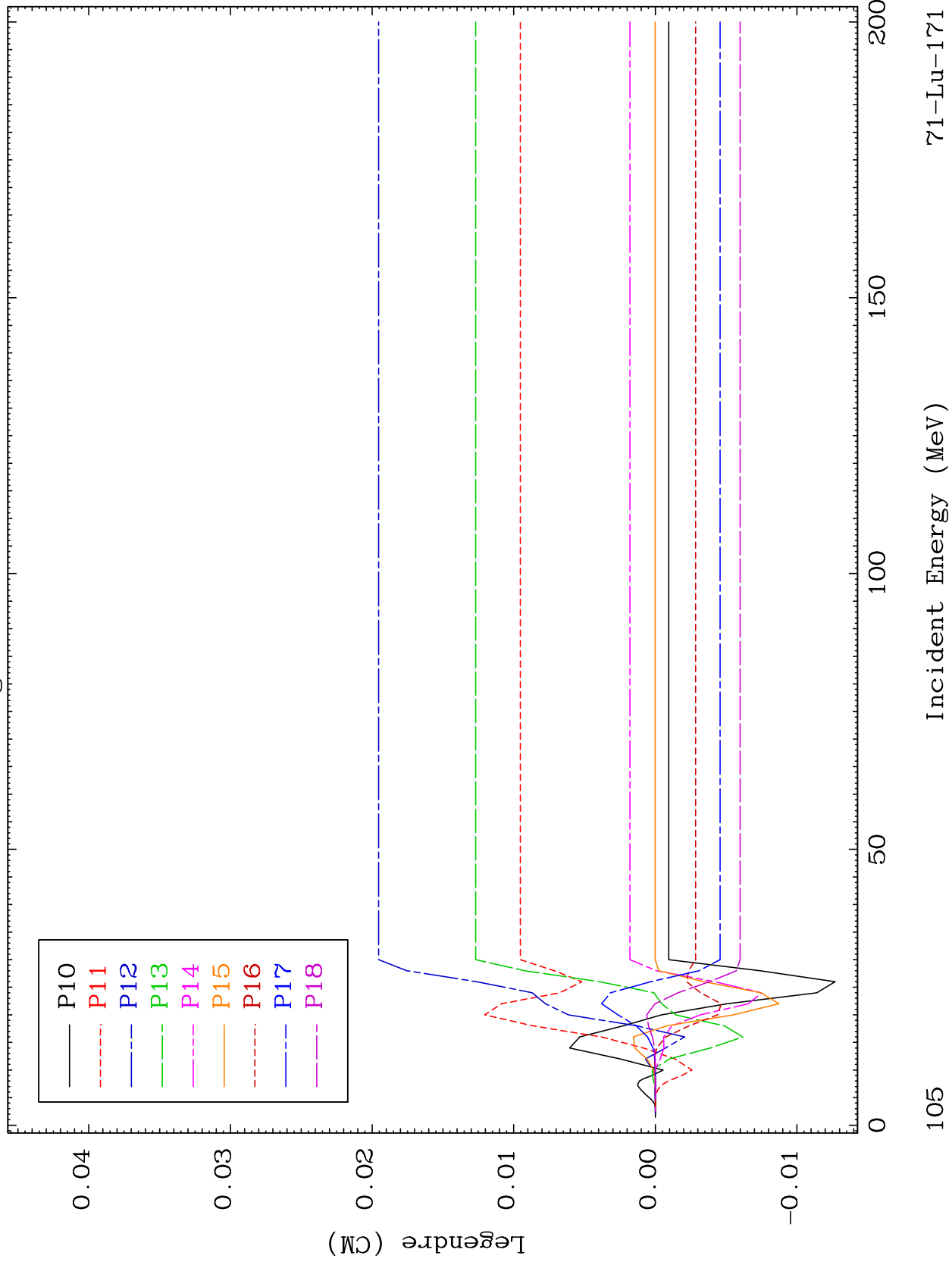
71-Lu-171

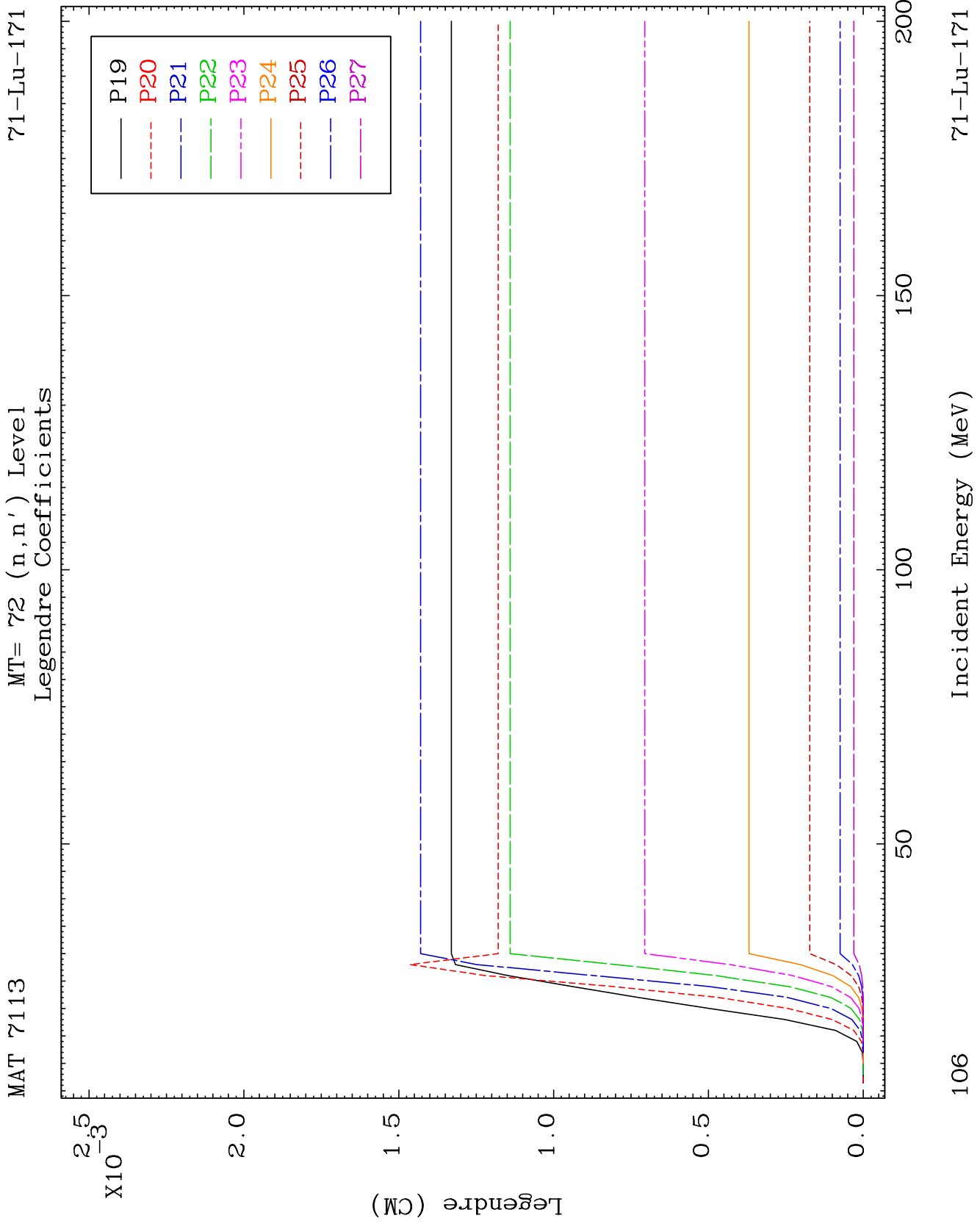


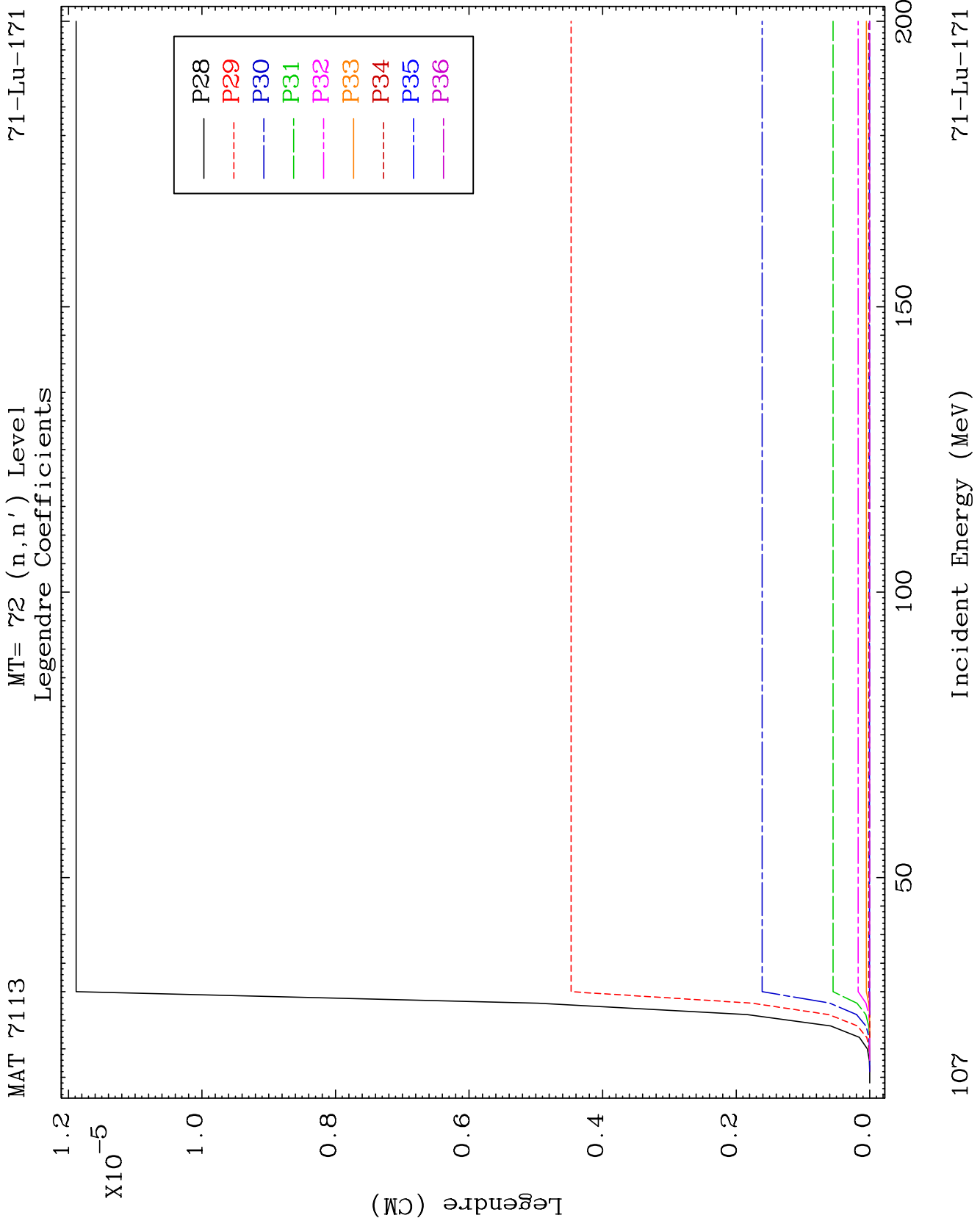
MAT 7113

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

71-Lu-171



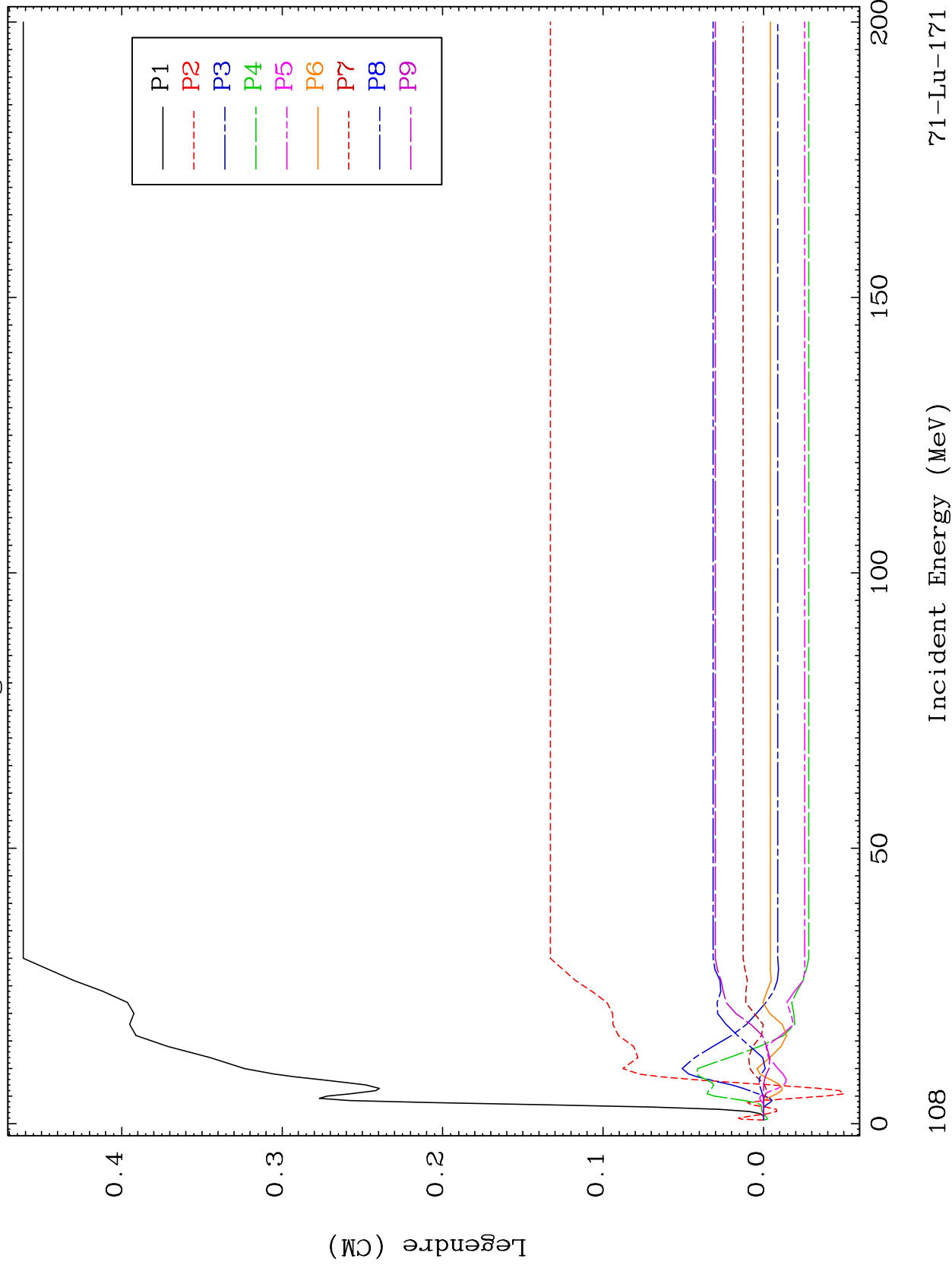




MAT 7113

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

71-Lu-171



71-Lu-171

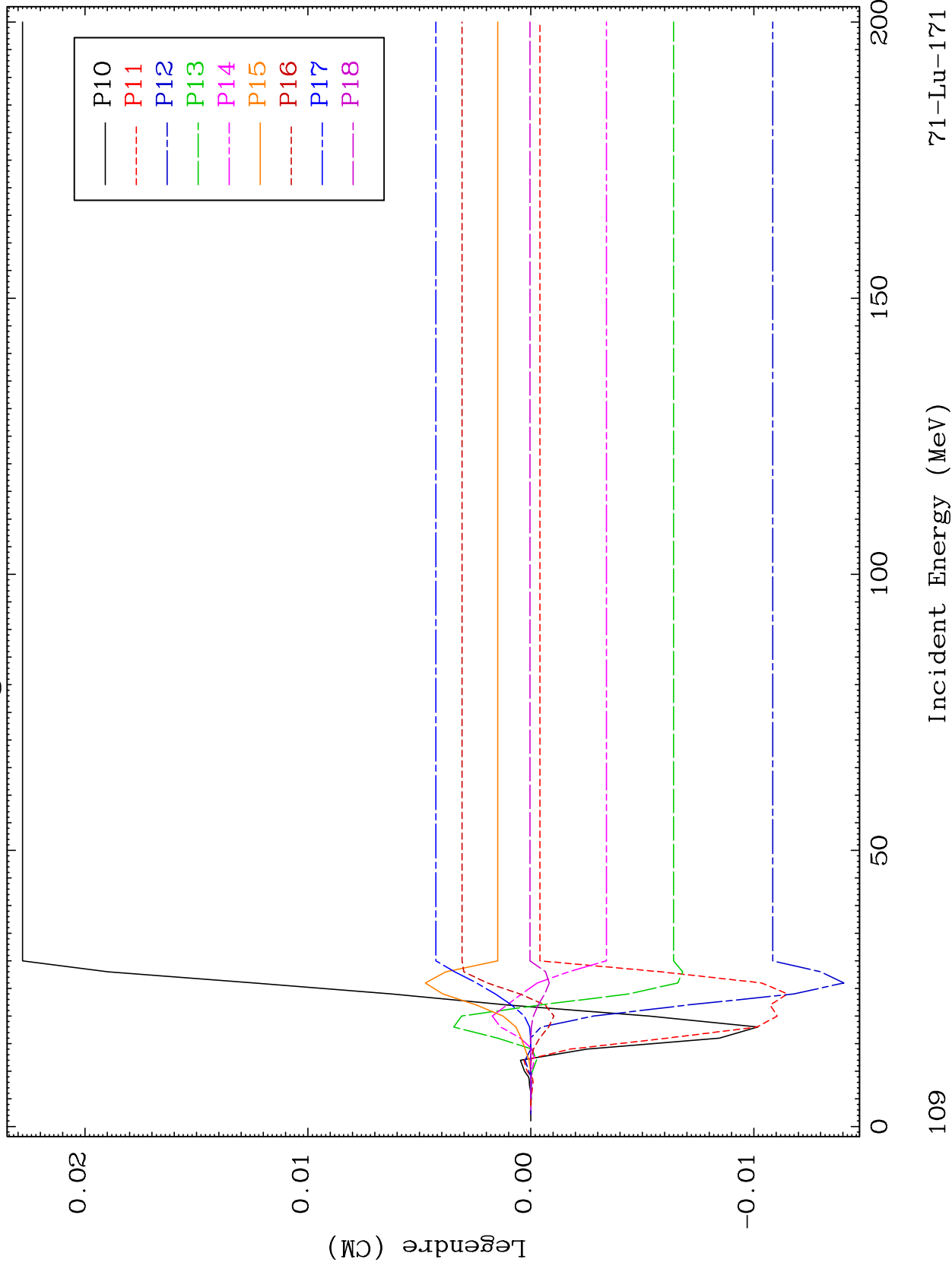
Incident Energy (MeV)

108

MAT 7113

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

71-Lu-171



109

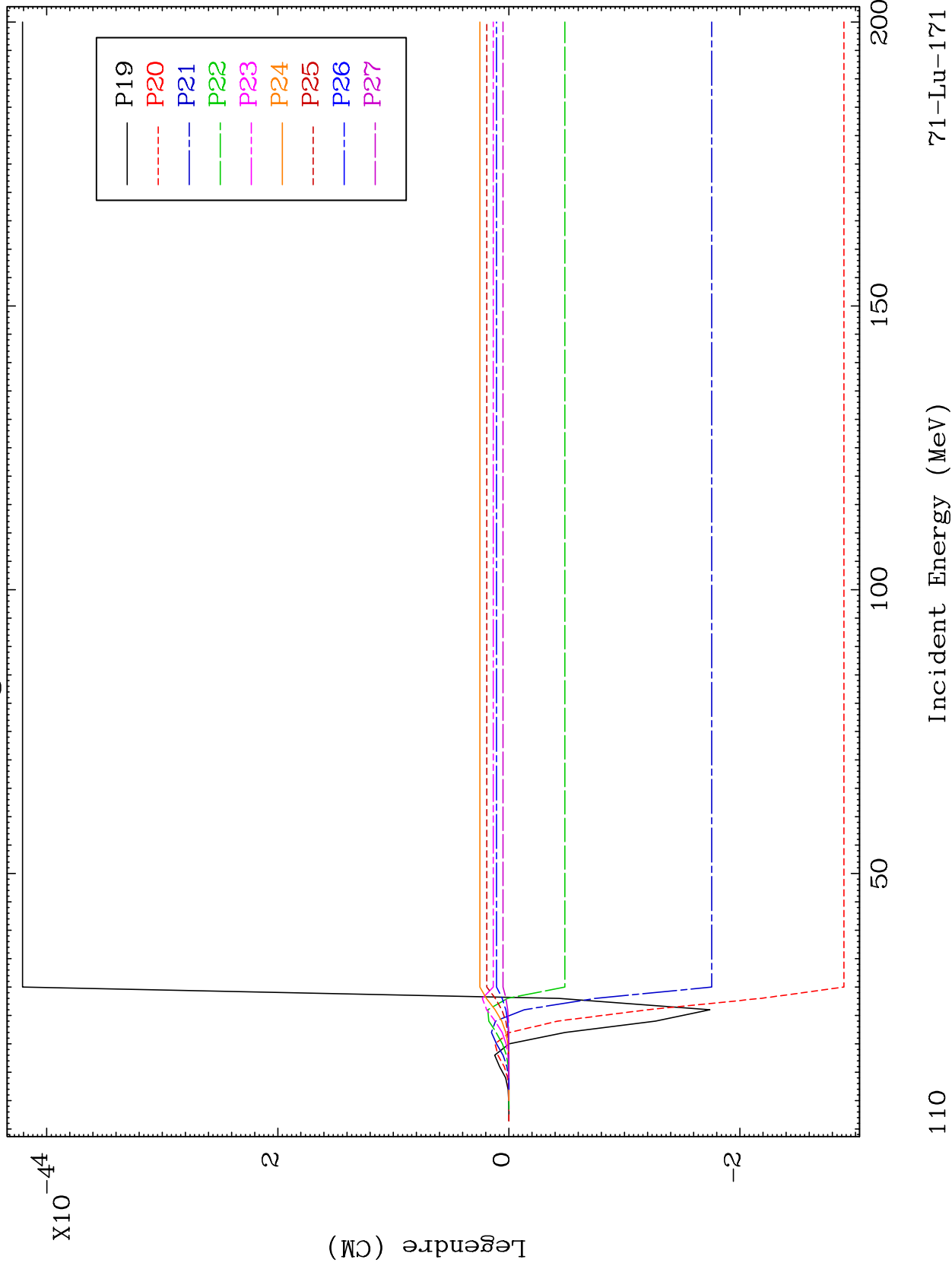
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



110

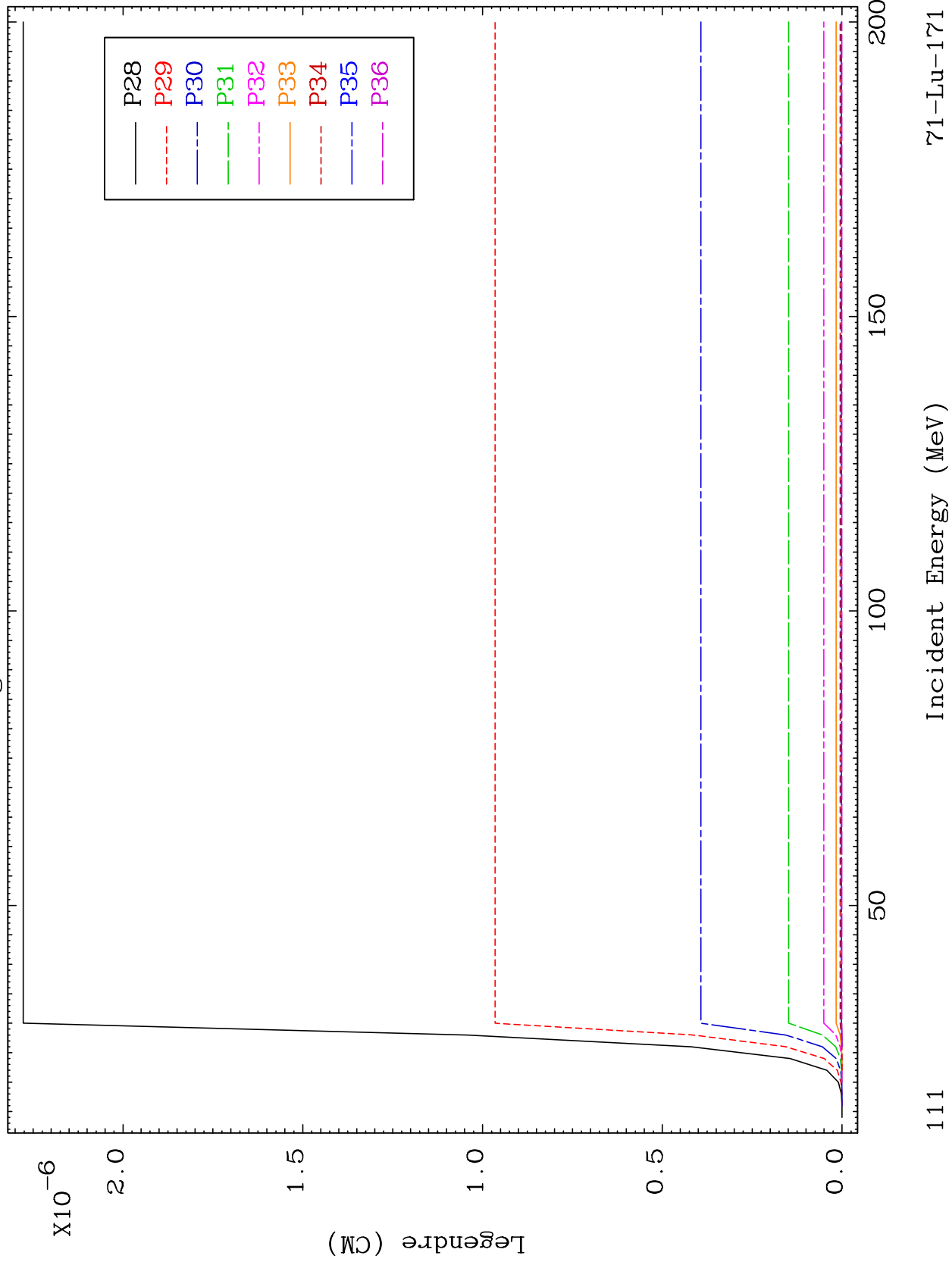
Incident Energy (MeV)

71-Lu-171

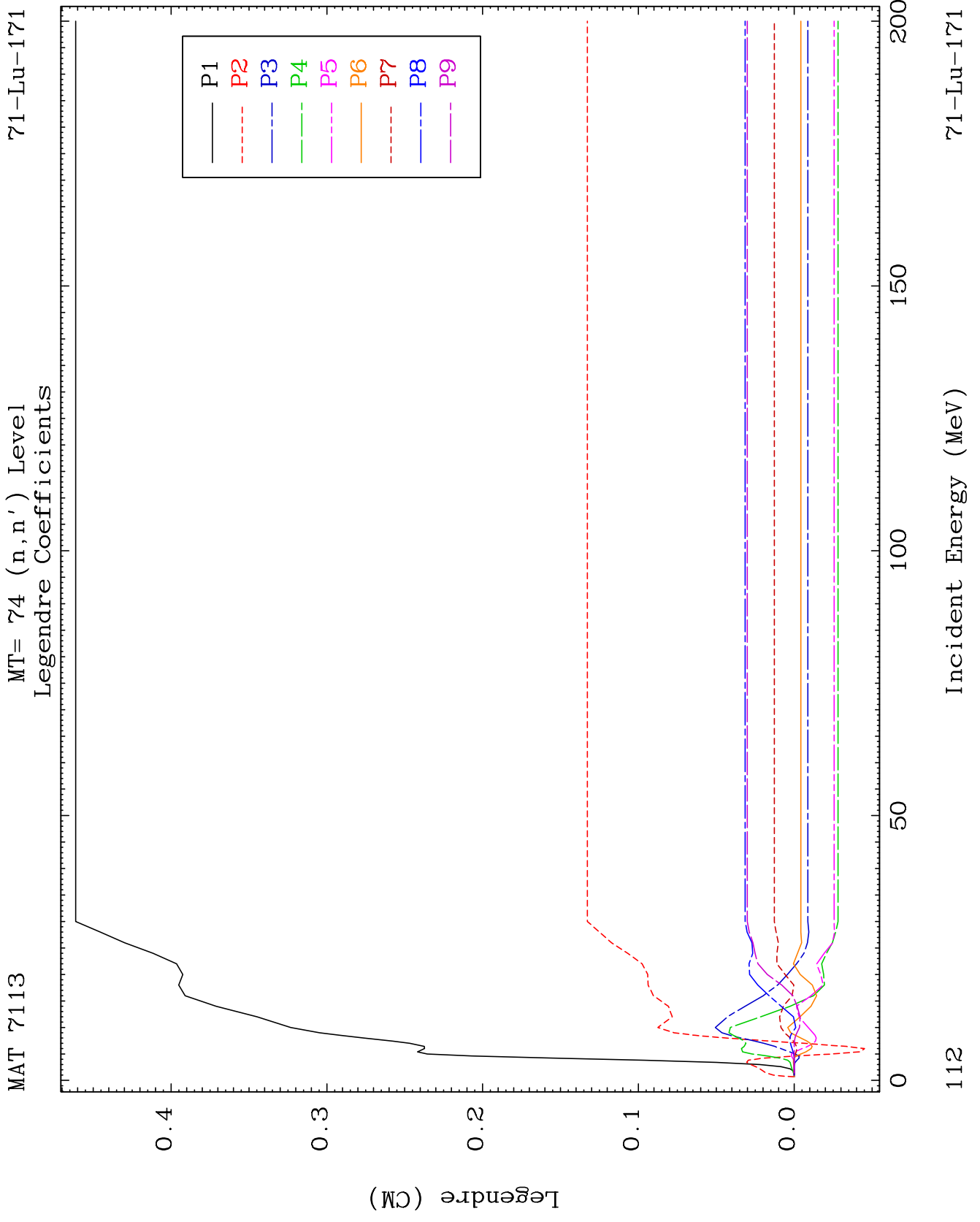
MAT 7113

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

71-Lu-171



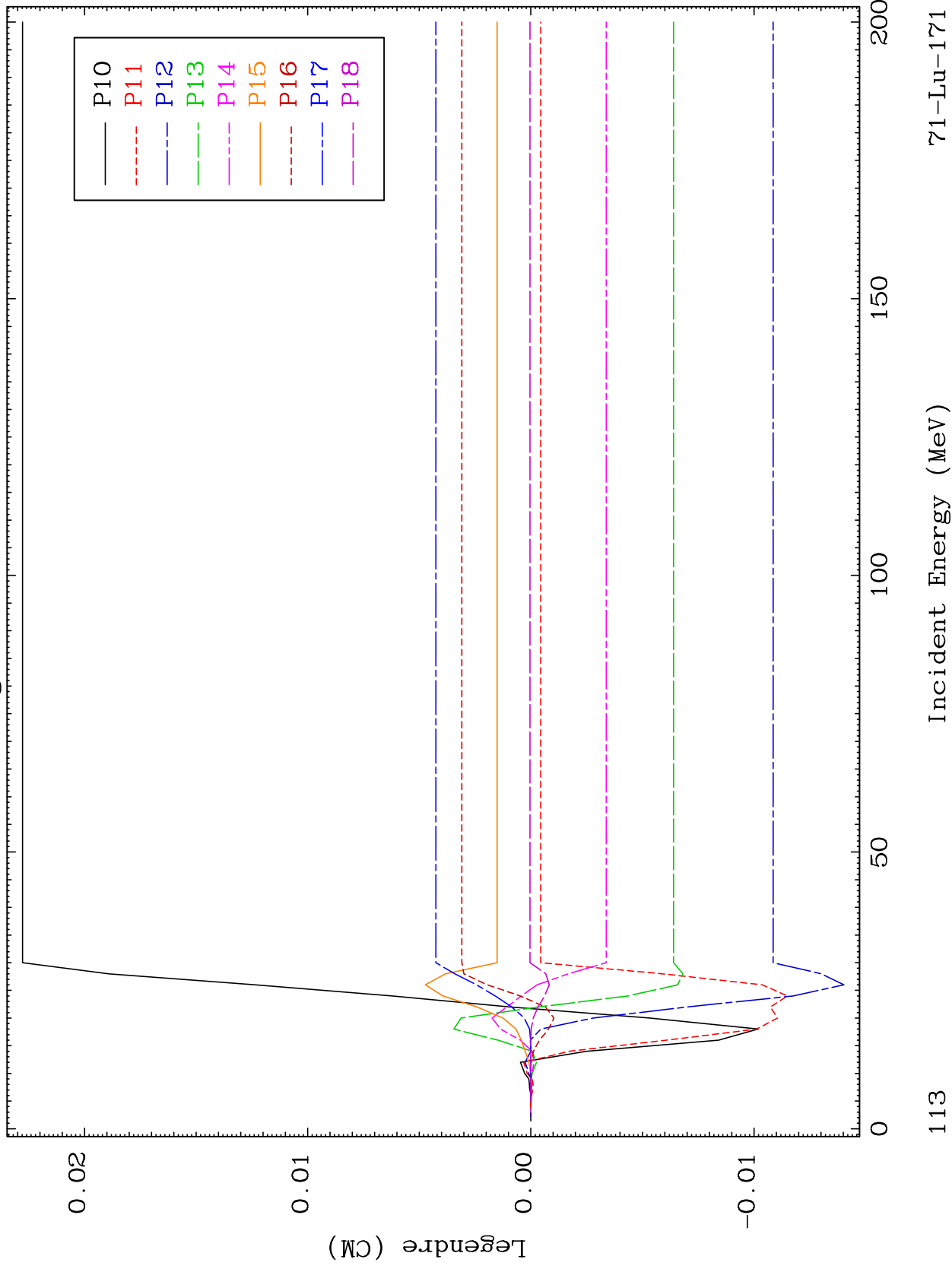
111



MAT 7113

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

71-Lu-171



113

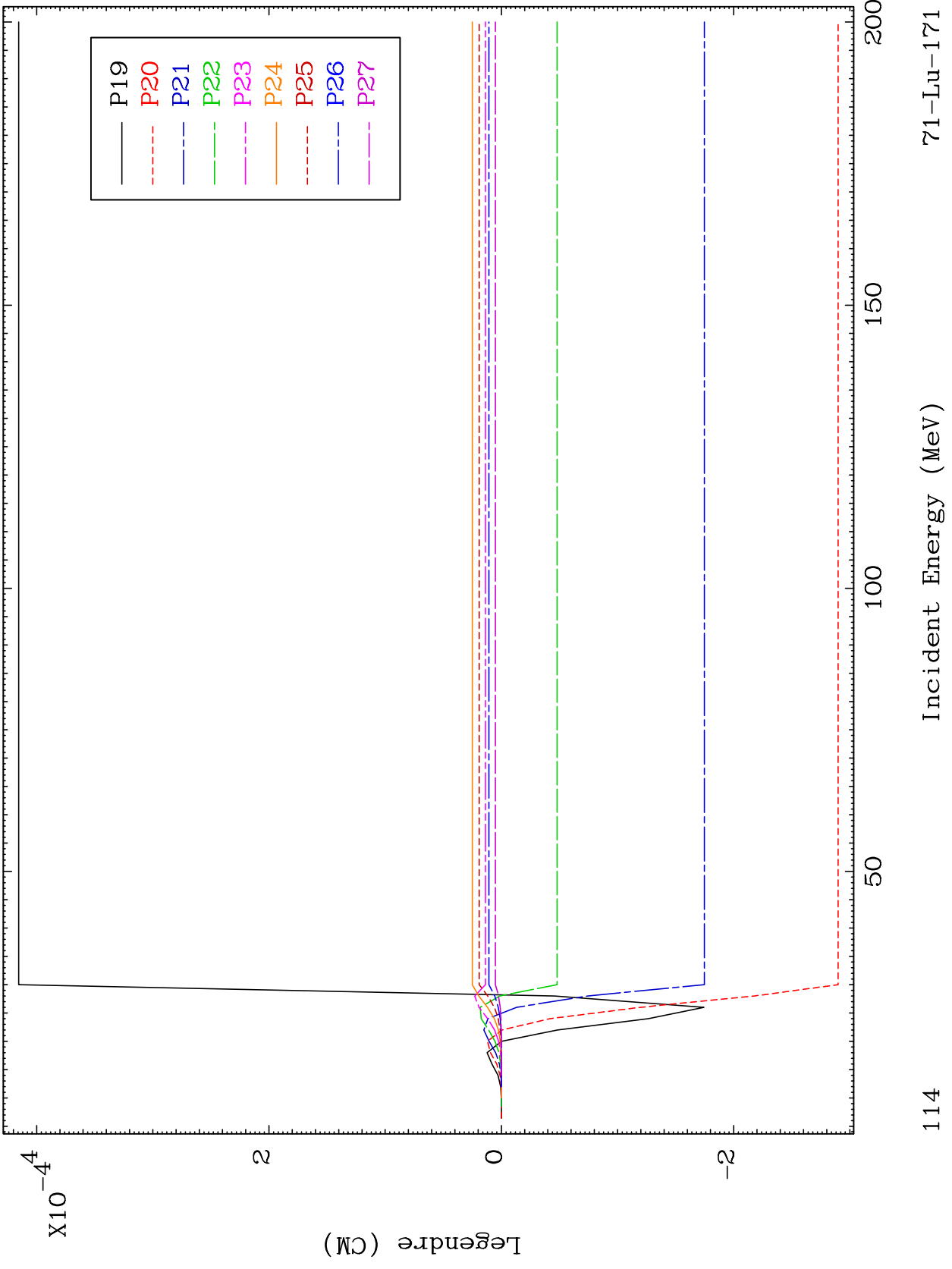
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171

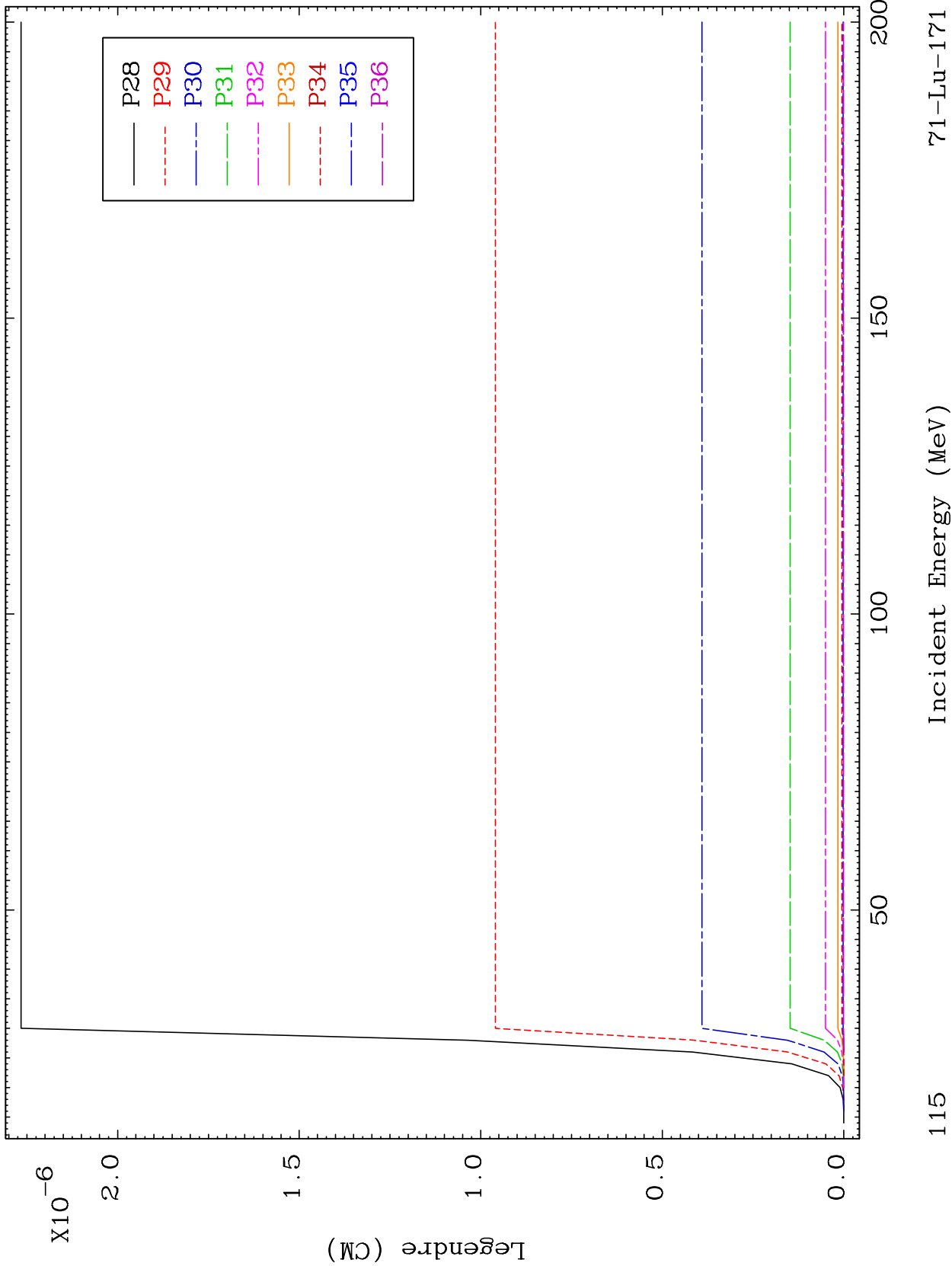


114

MAT 7113

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

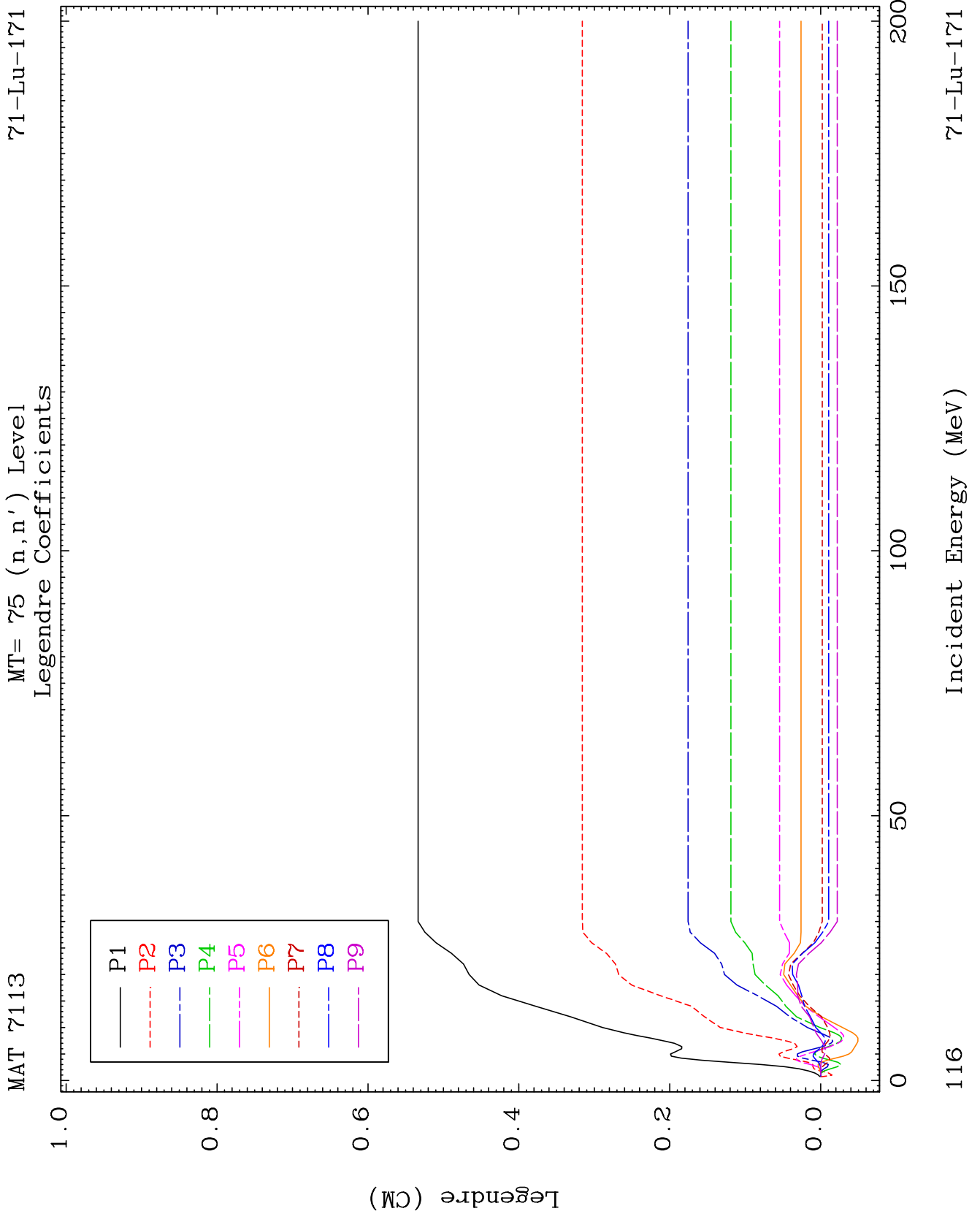
71-Lu-171

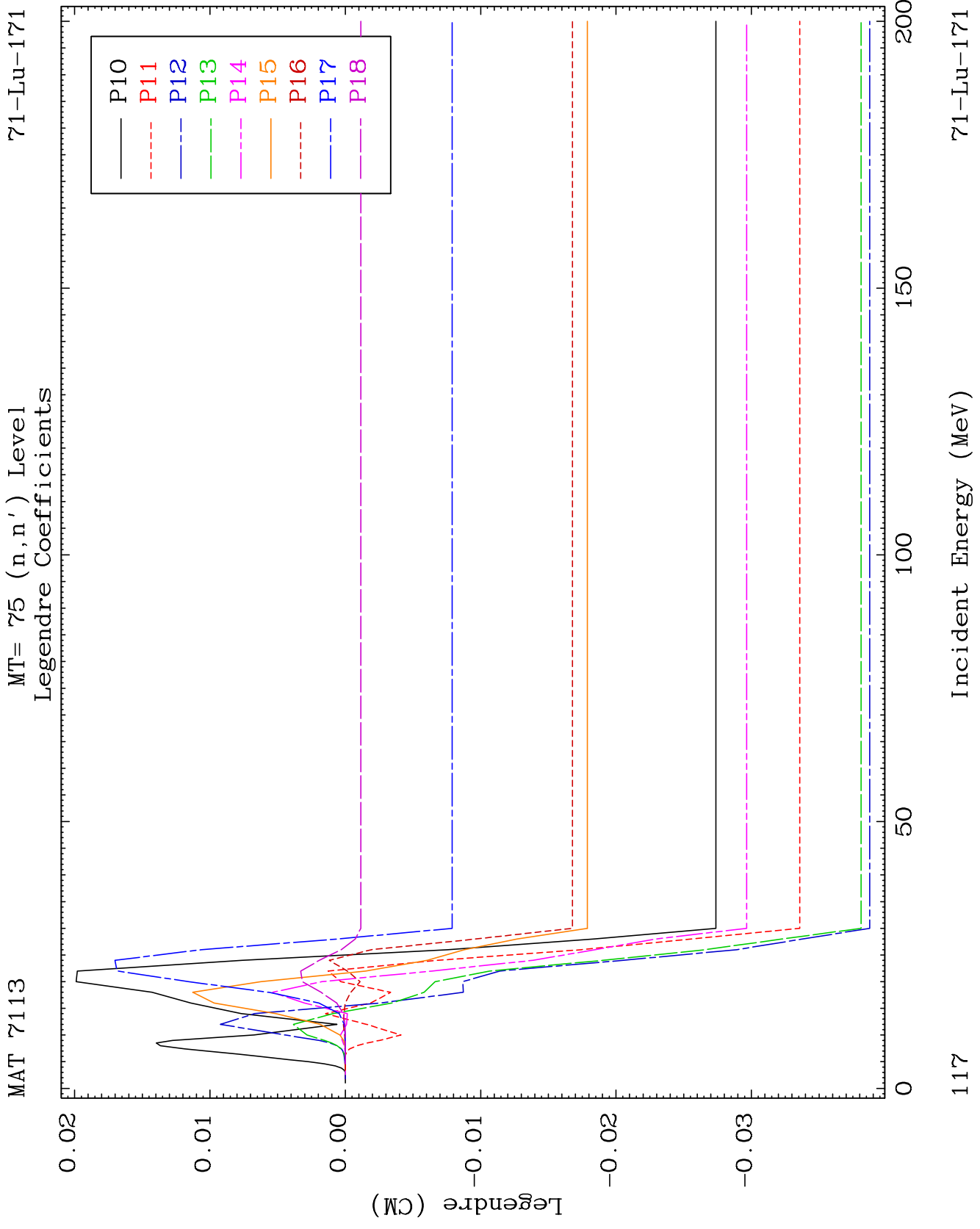


115

Incident Energy (MeV)

71-Lu-171

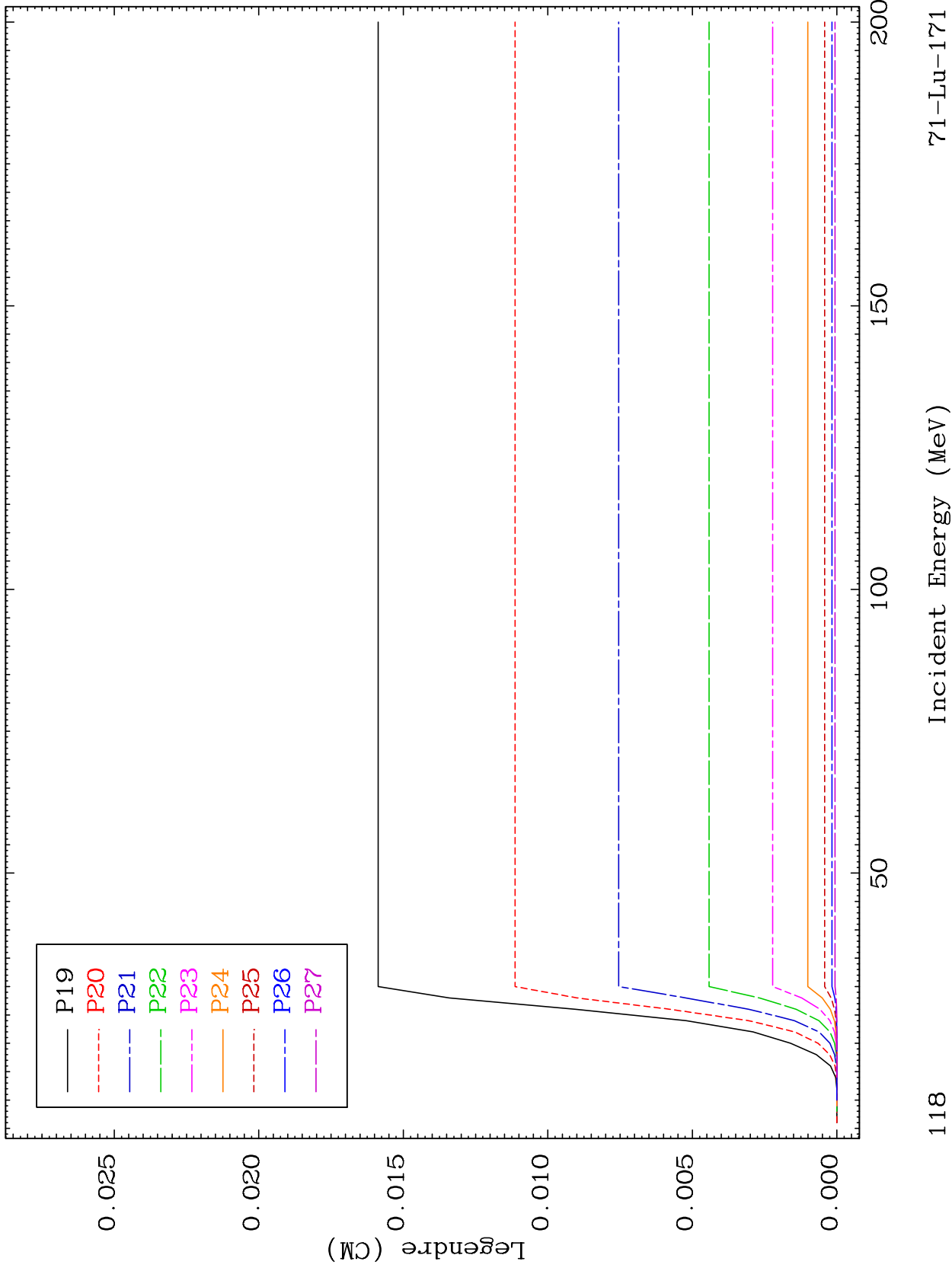




MAT 7113

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

71-Lu-171



118

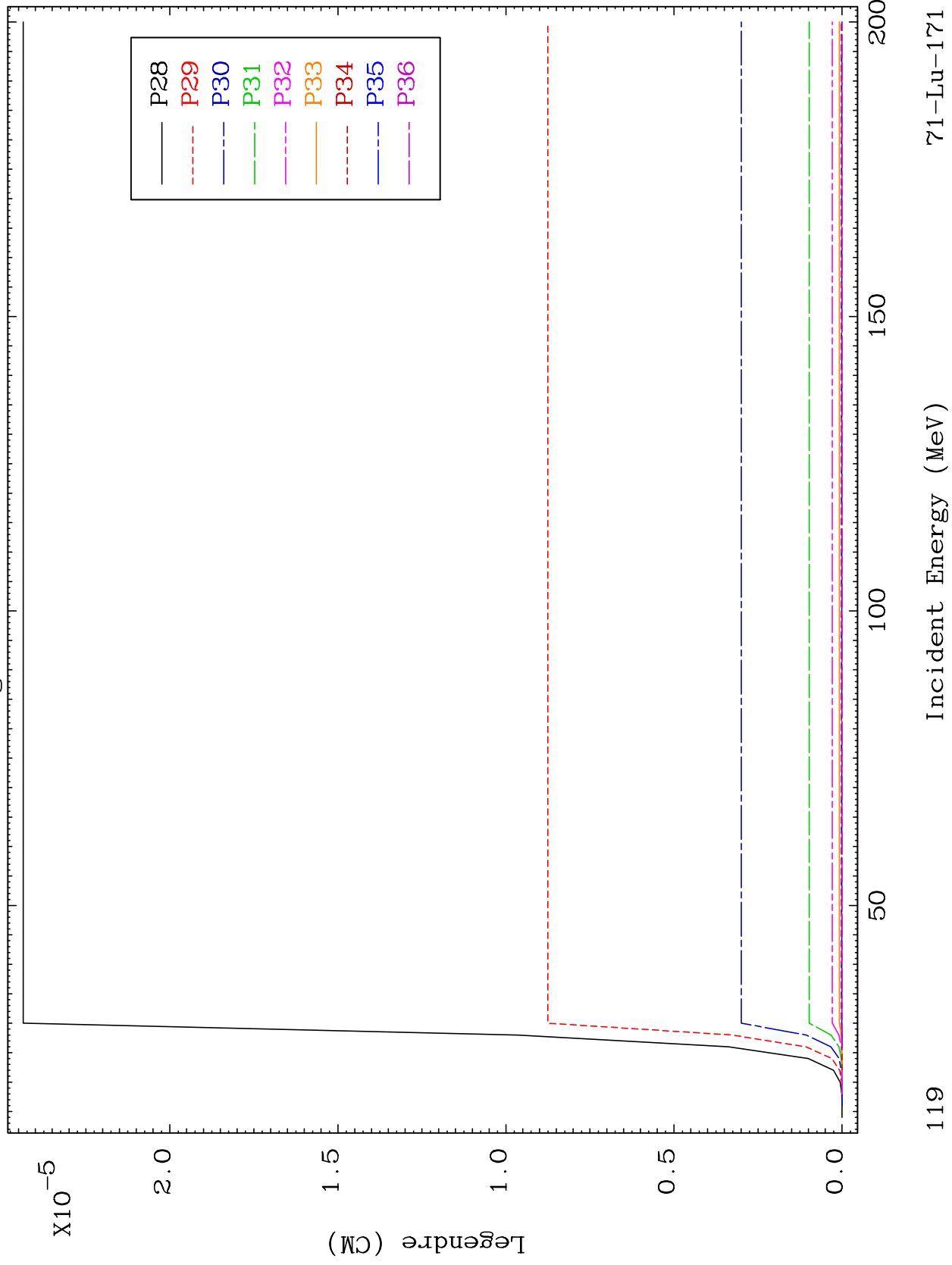
Incident Energy (MeV)

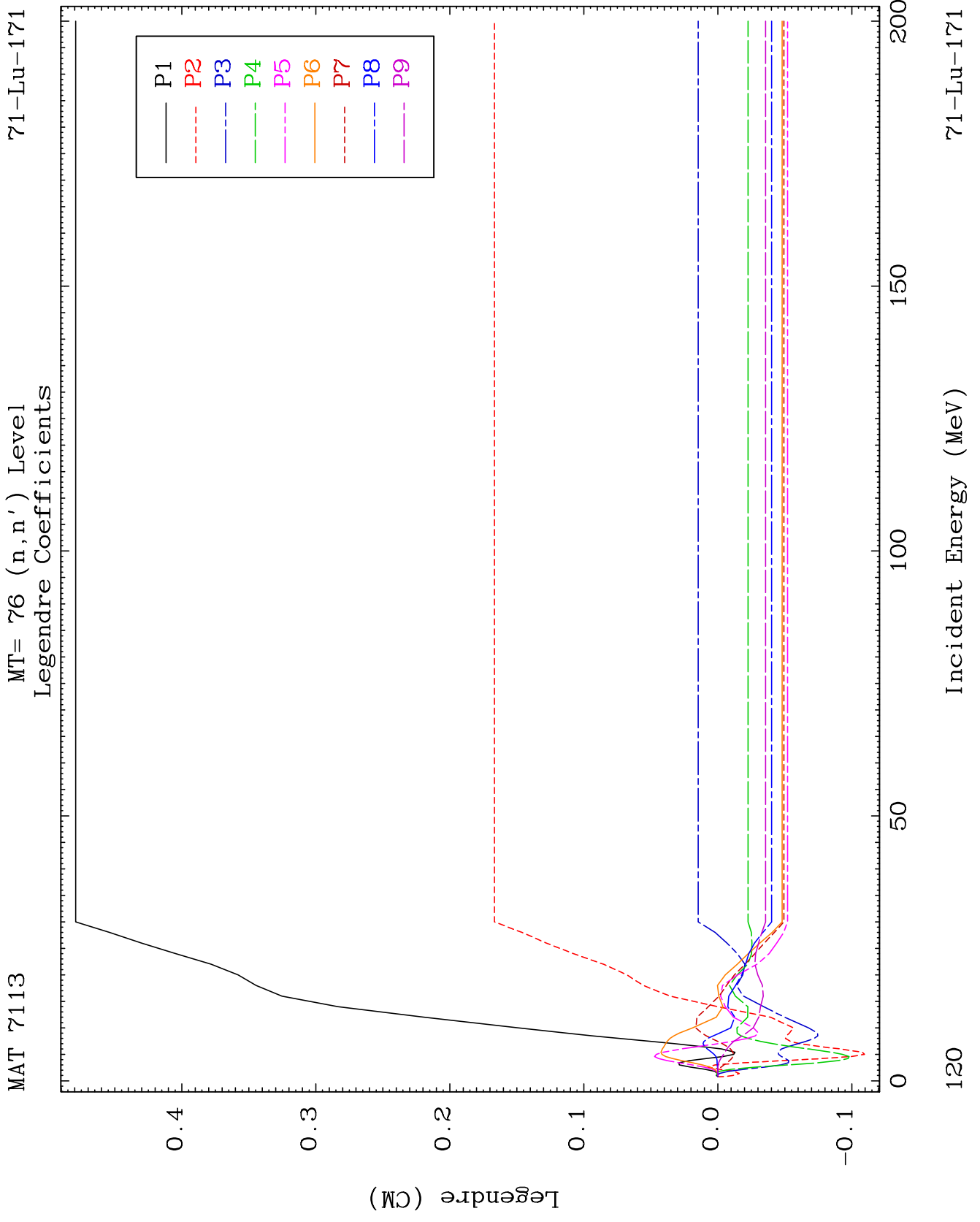
71-Lu-171

MAT 7113

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

71-Lu-171

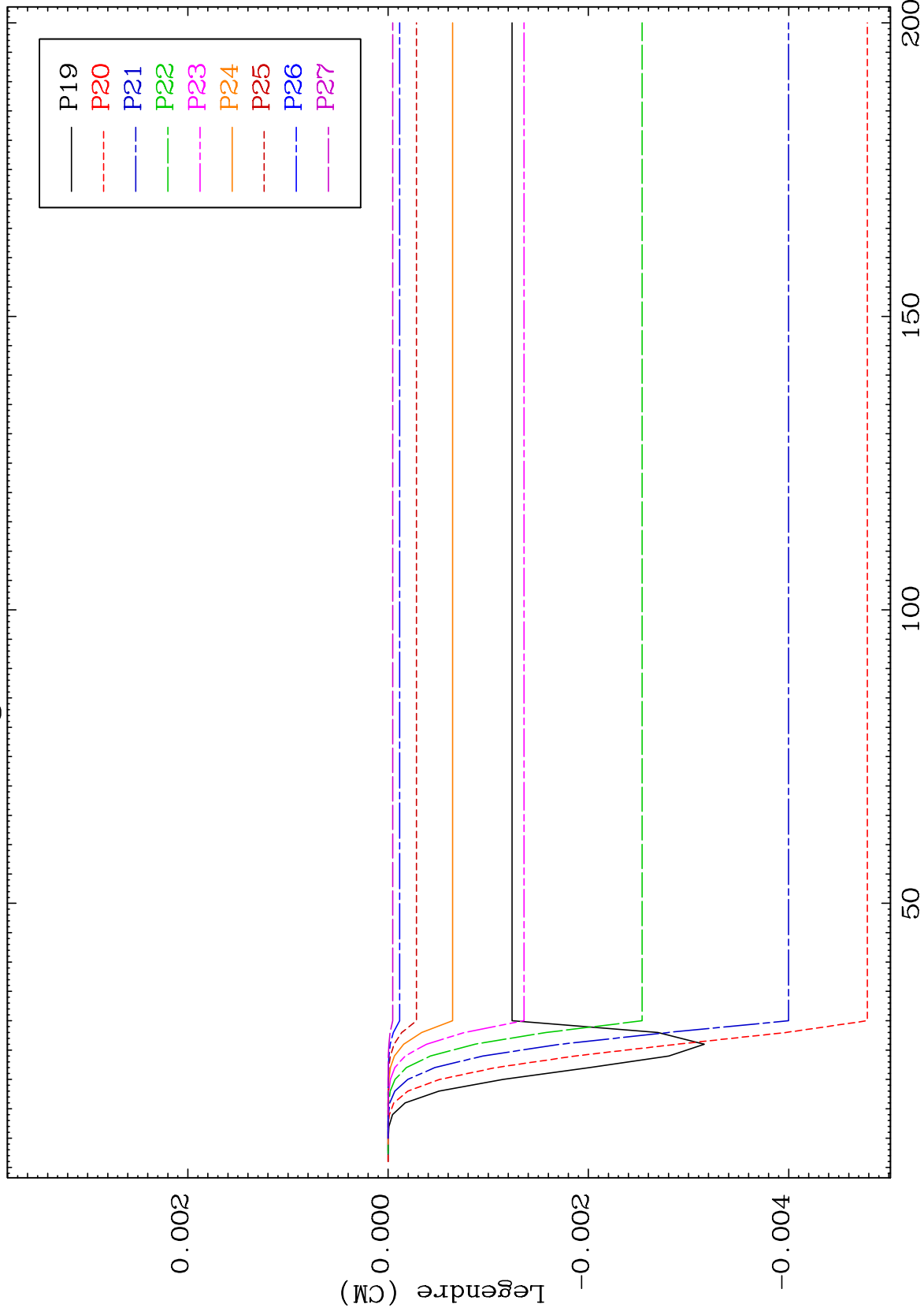




MAT 7113

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

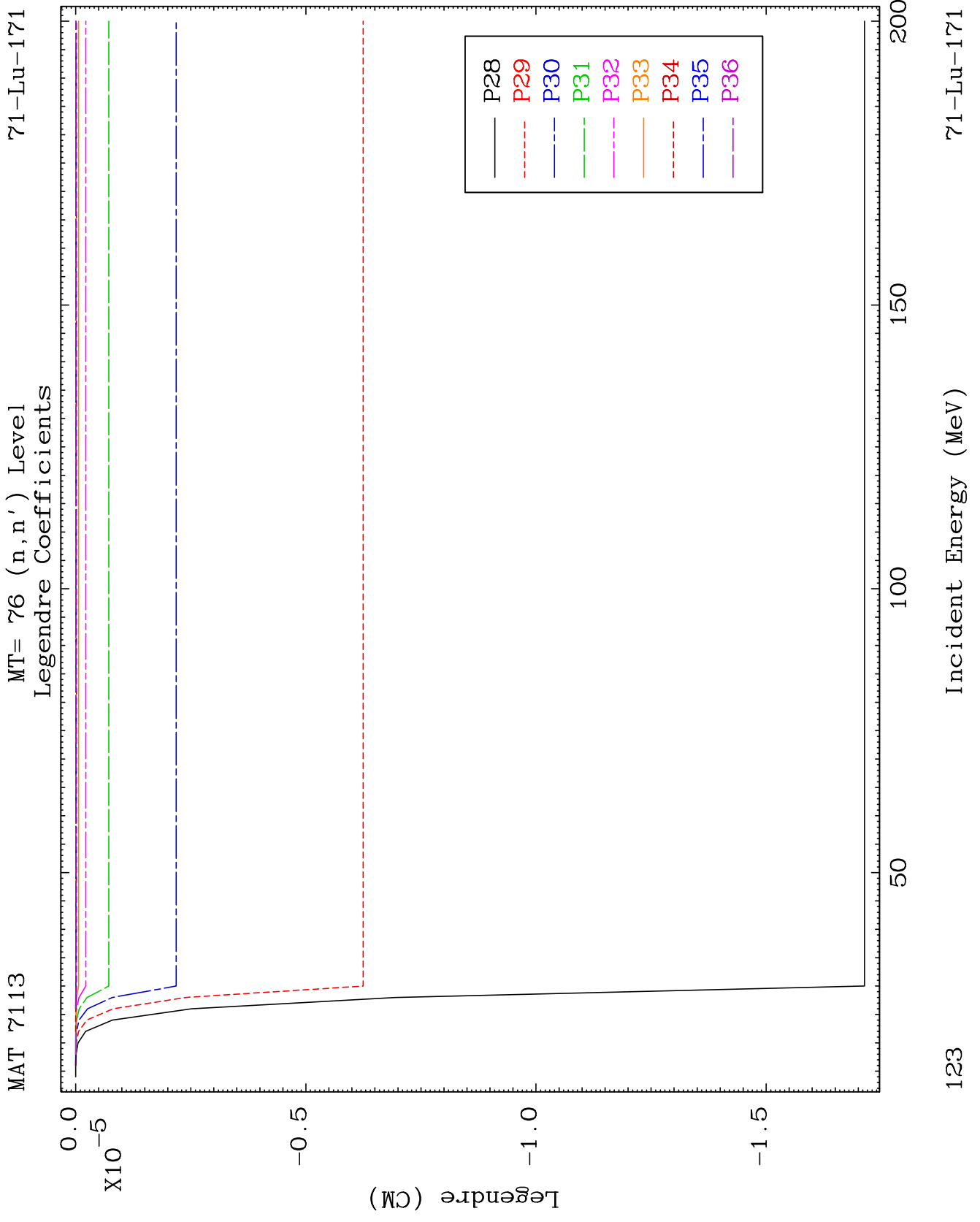
71-Lu-171

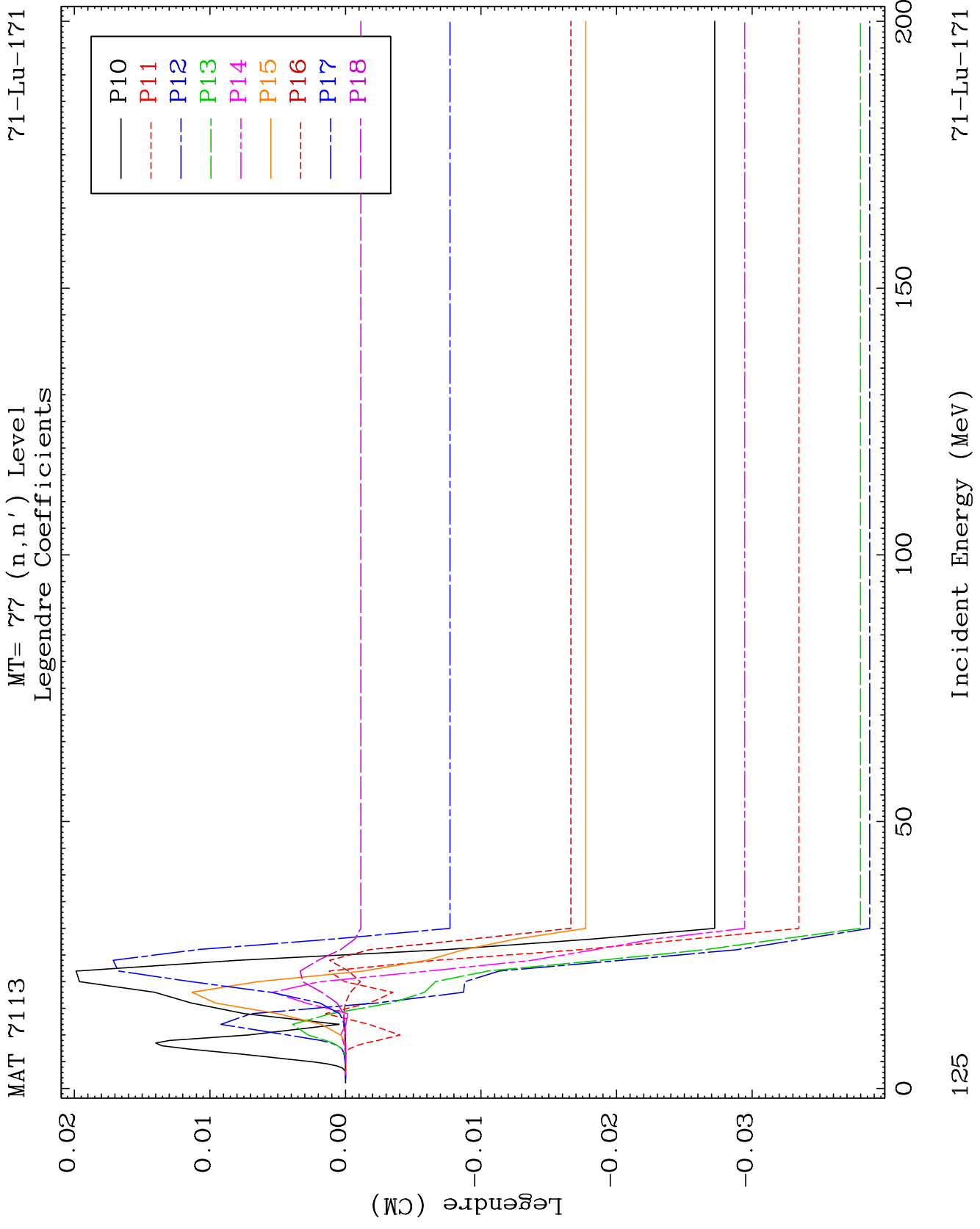


122

Incident Energy (MeV)

71-Lu-171

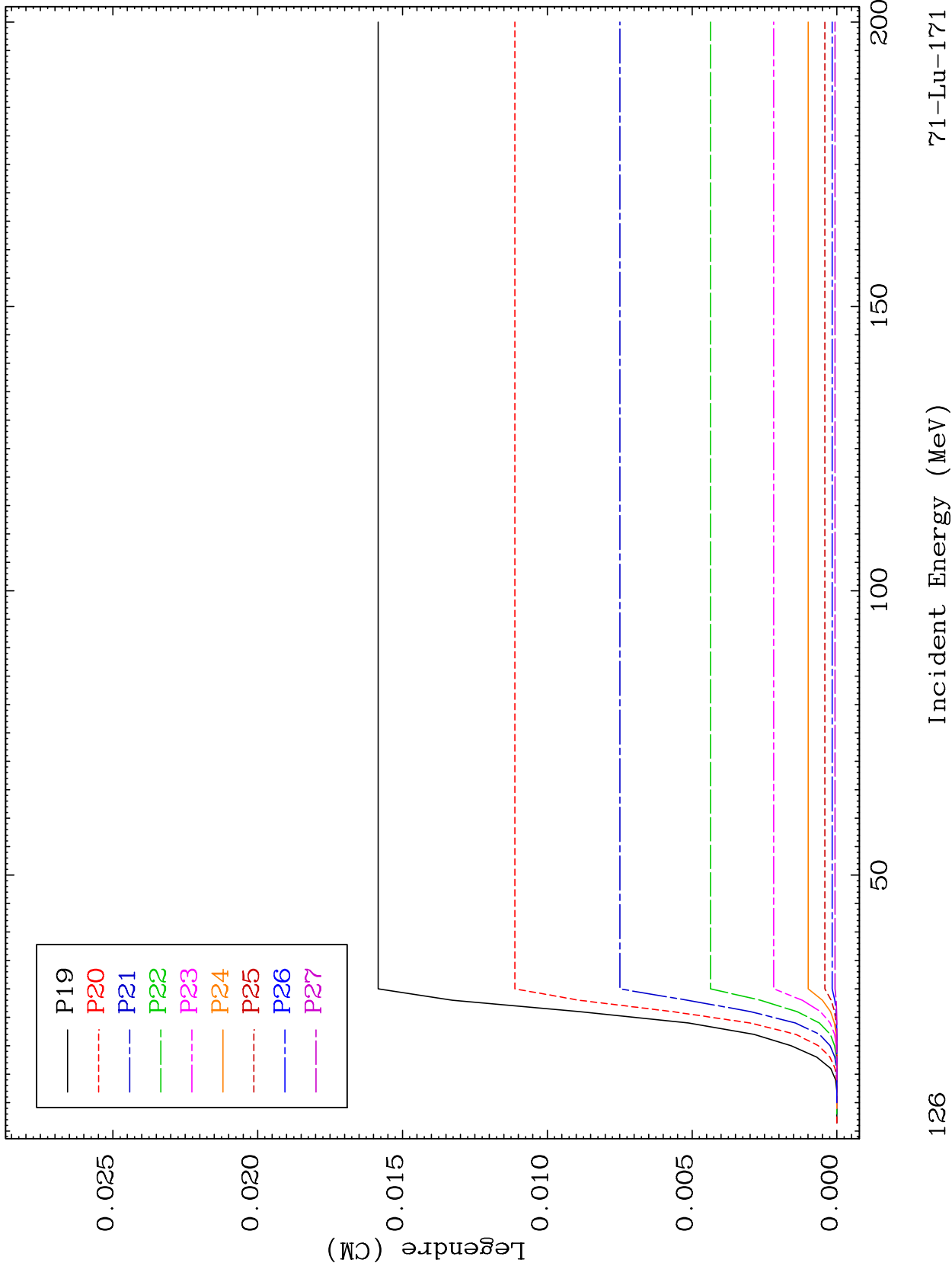




MAT 7113

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

71-Lu-171



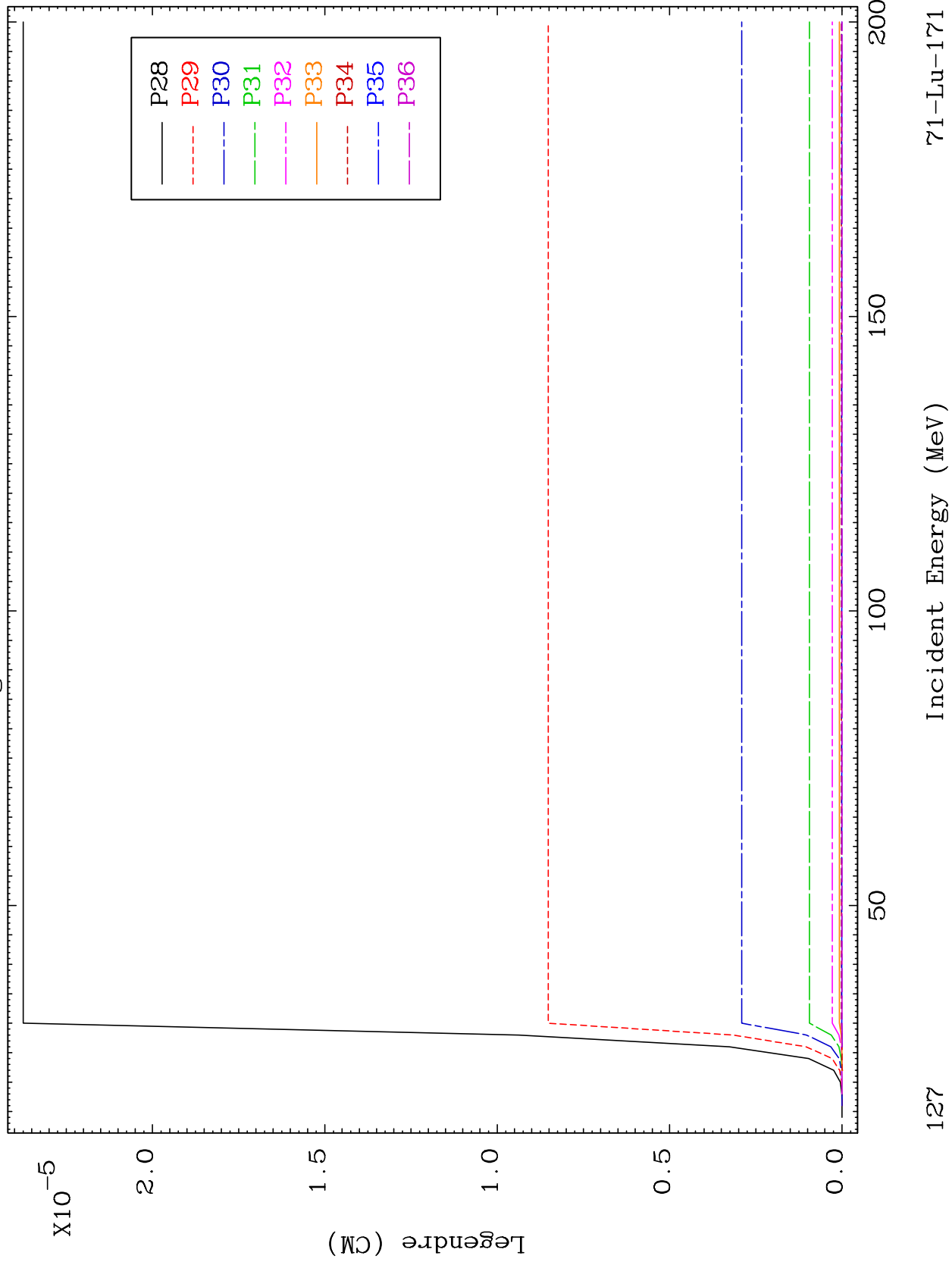
126

71-Lu-171

MAT 7113

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

71-Lu-171



127

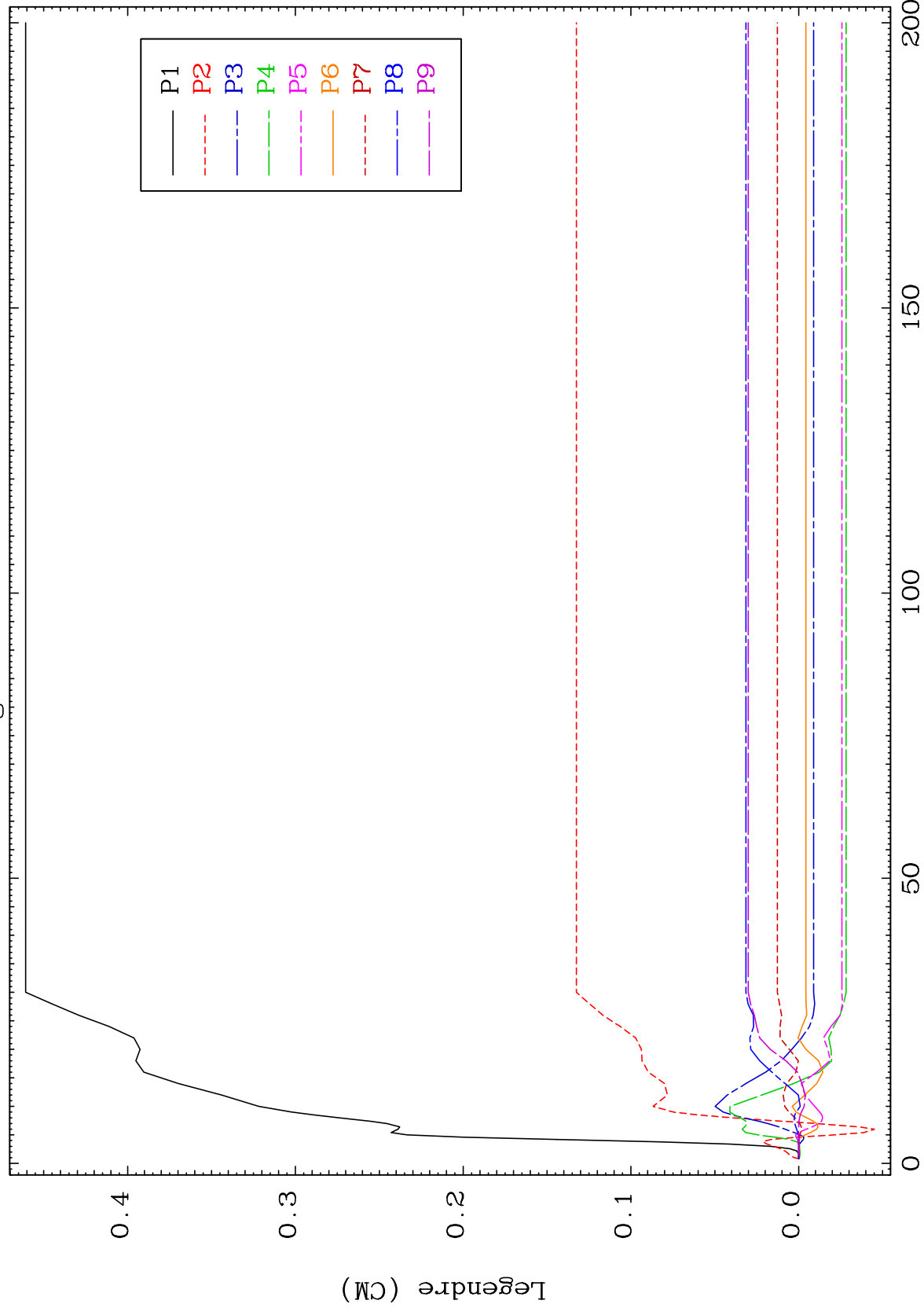
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



128

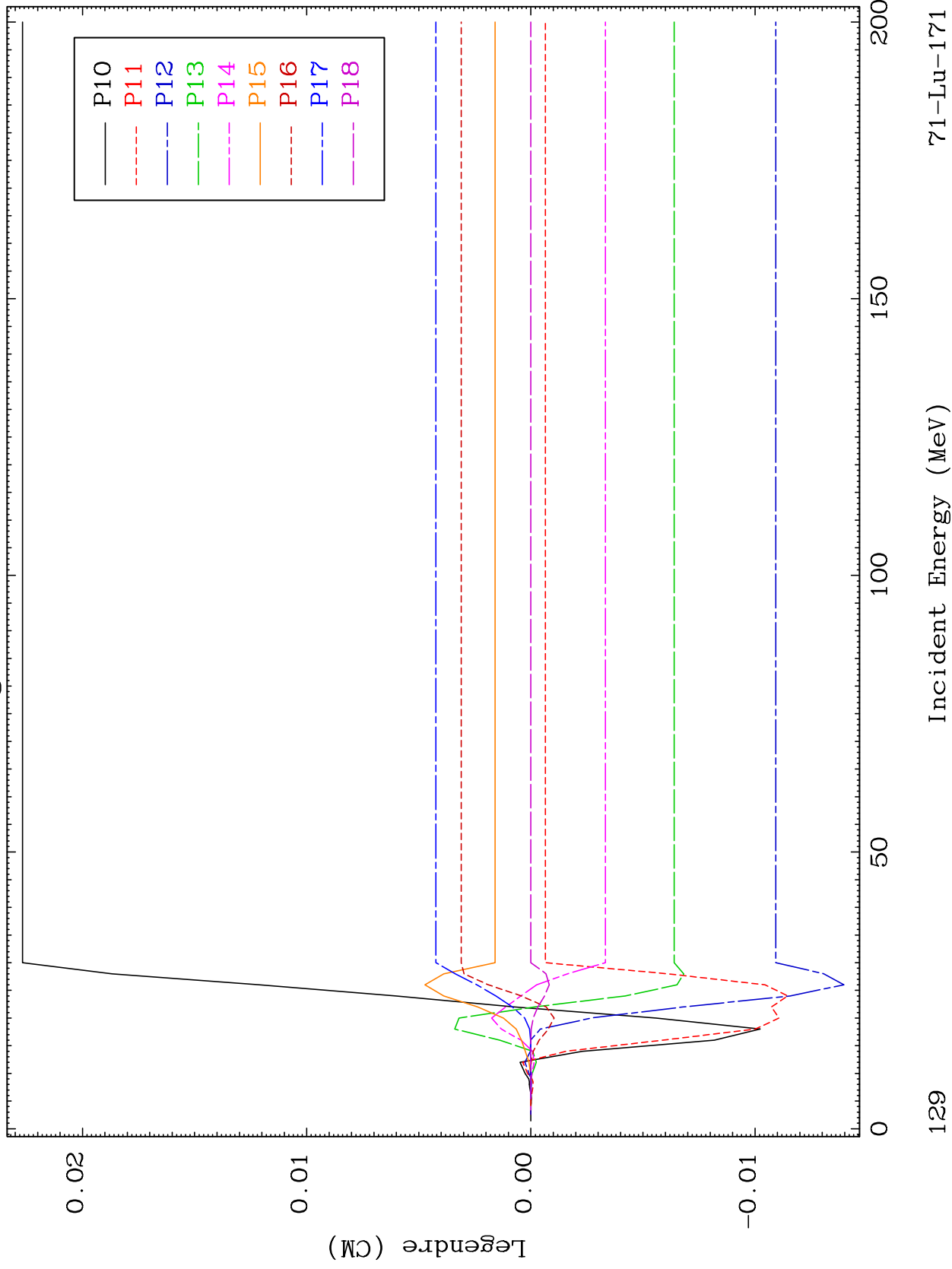
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

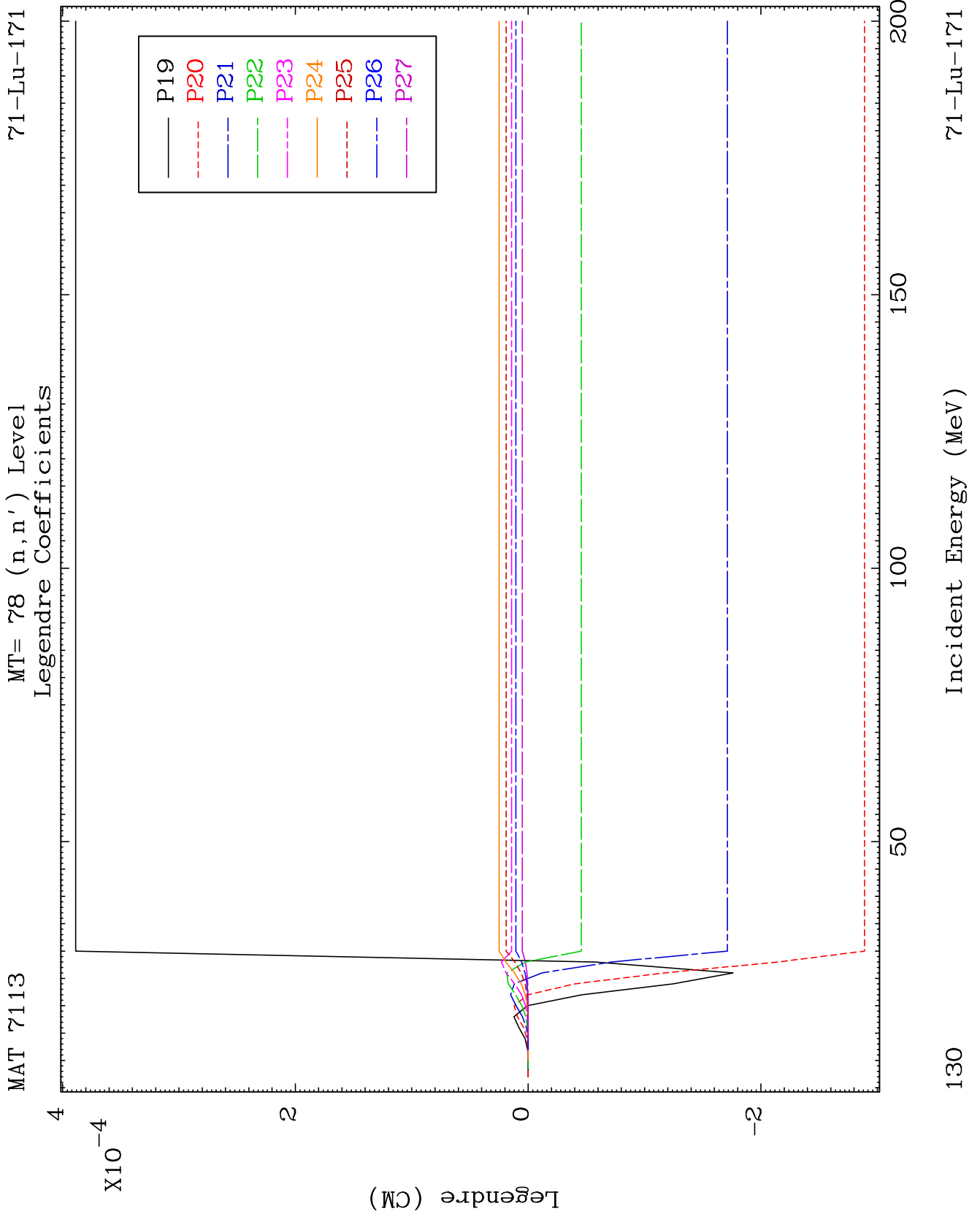
71-Lu-171

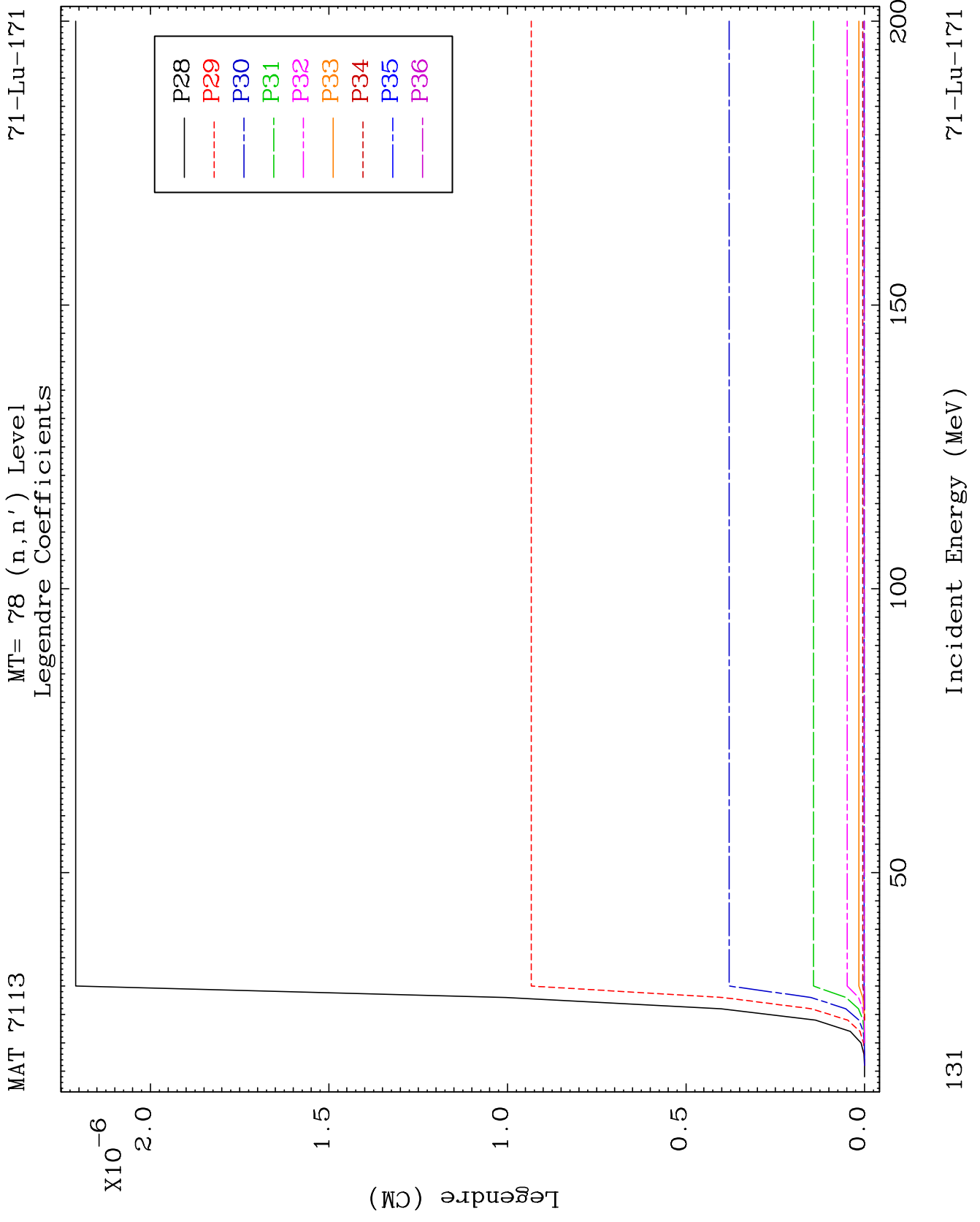


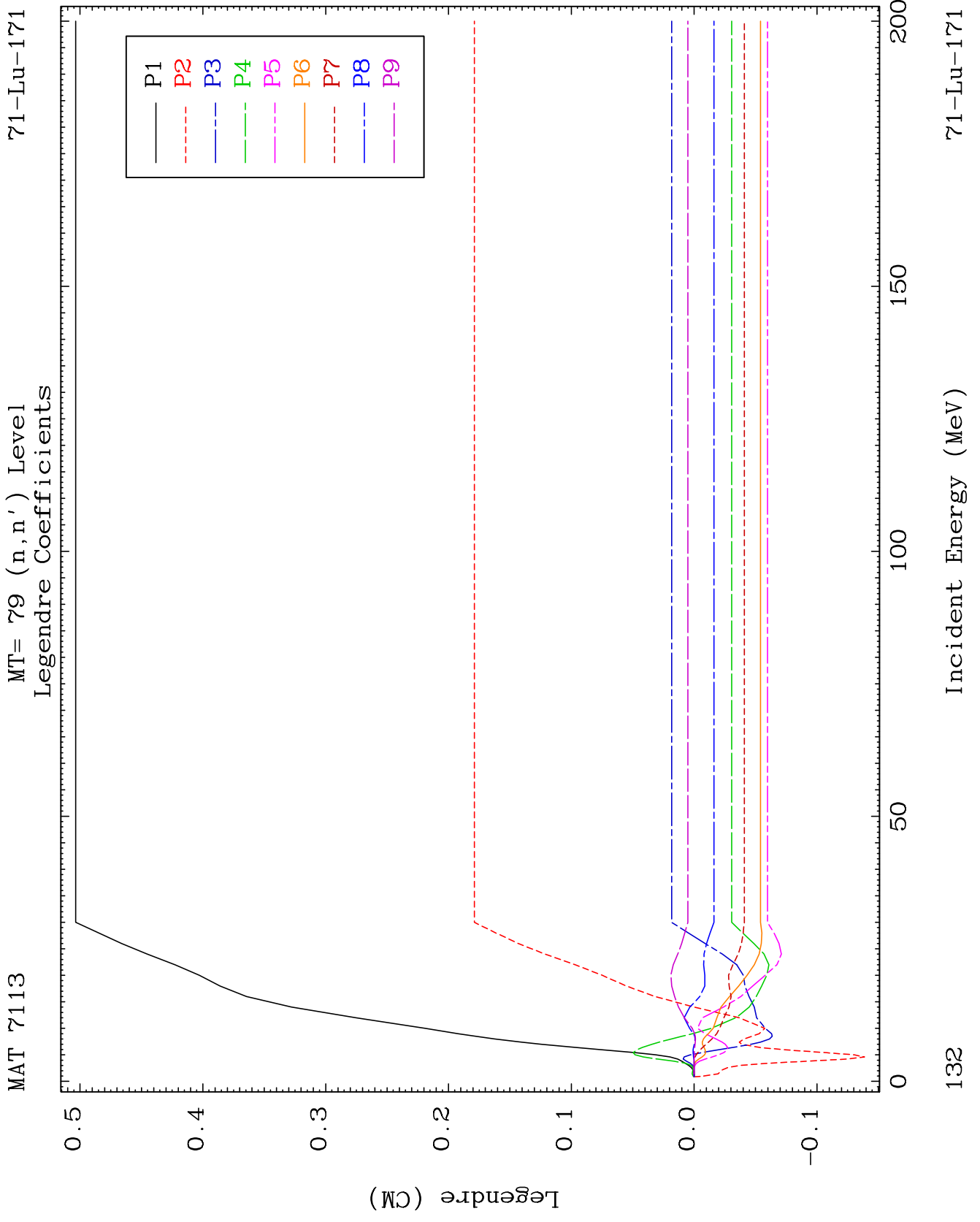
129

Incident Energy (MeV)

71-Lu-171



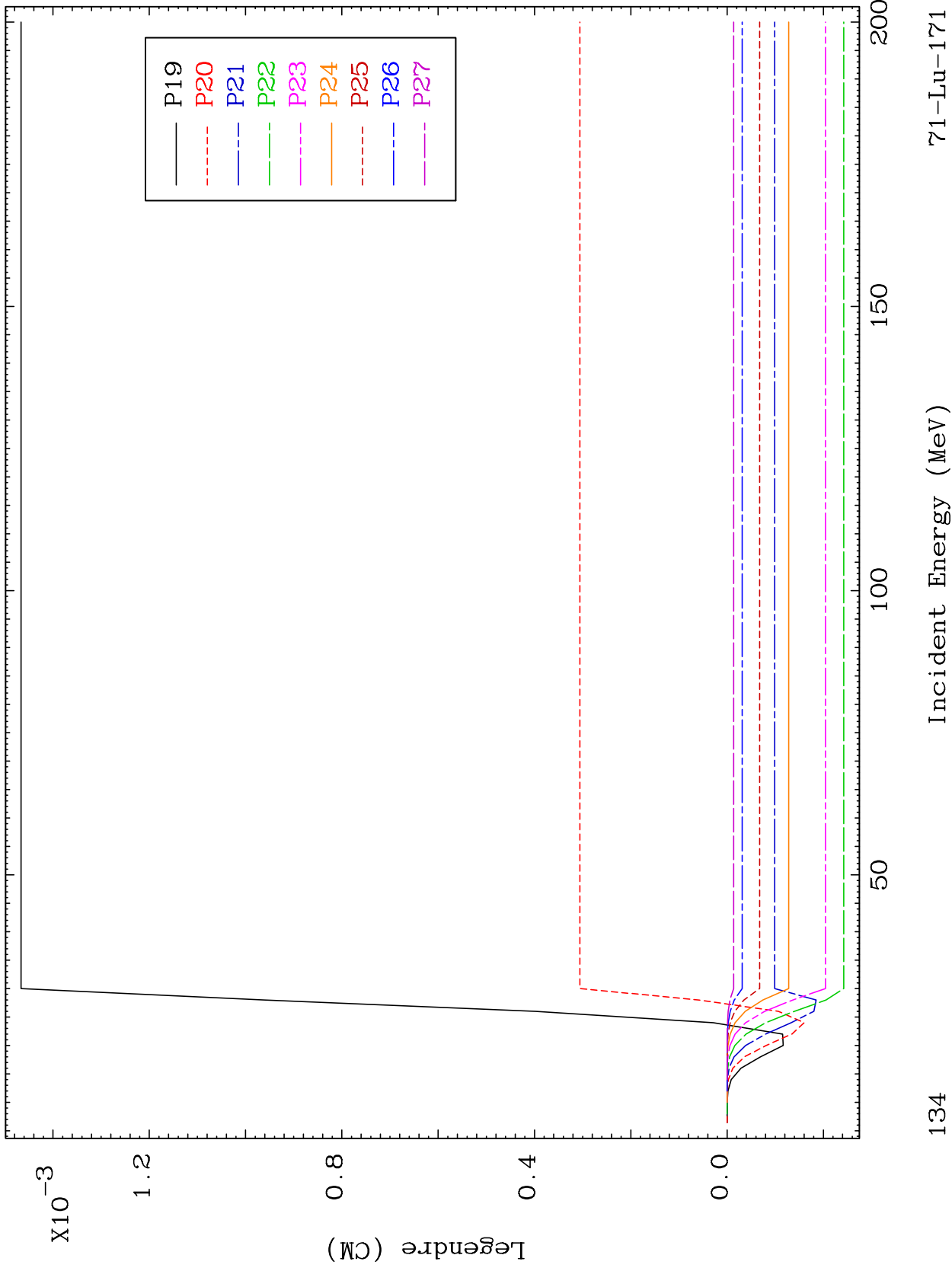




MAT 7113

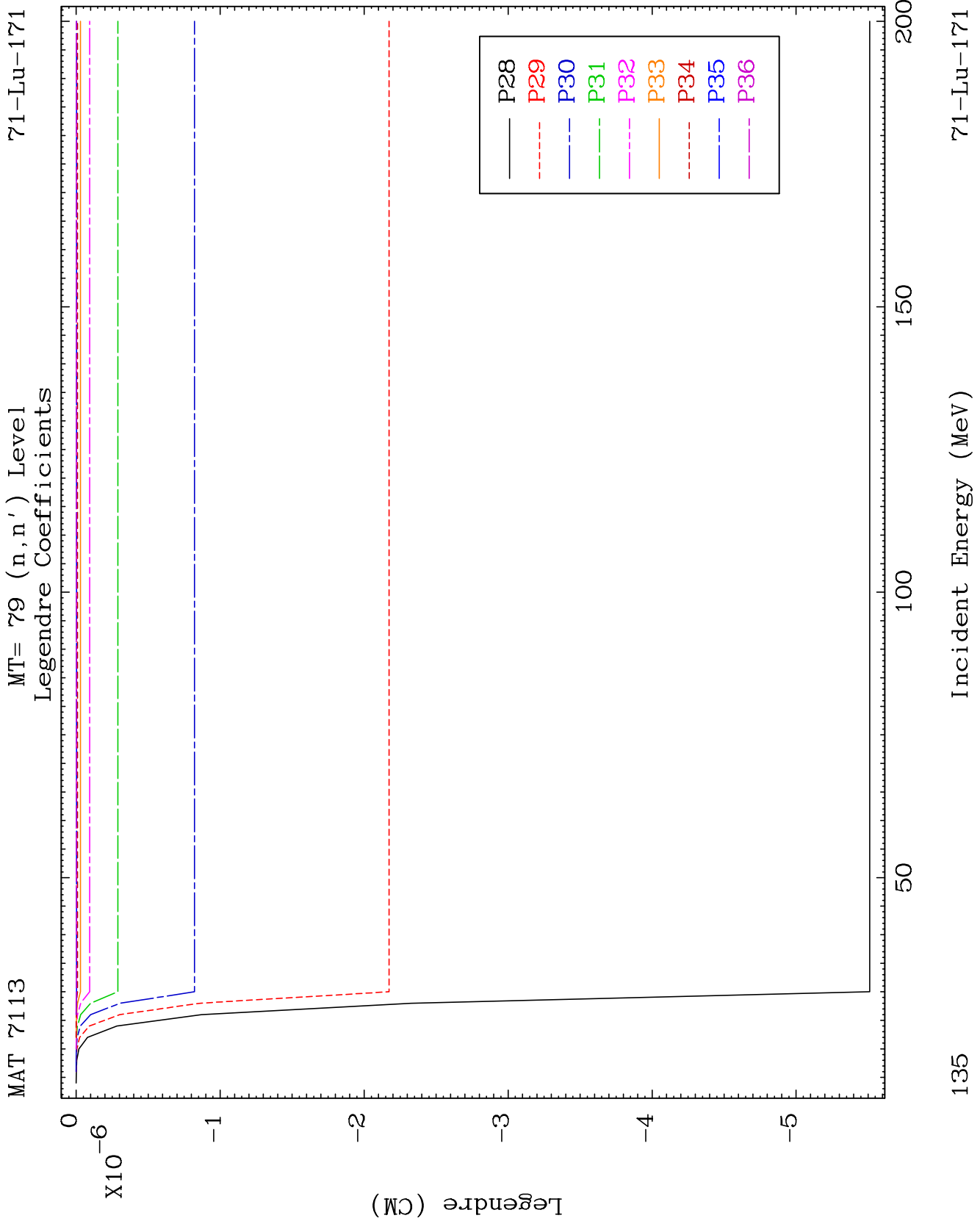
MT= 79 (n,n') Level
Legendre Coefficients

71-Lu-171



134

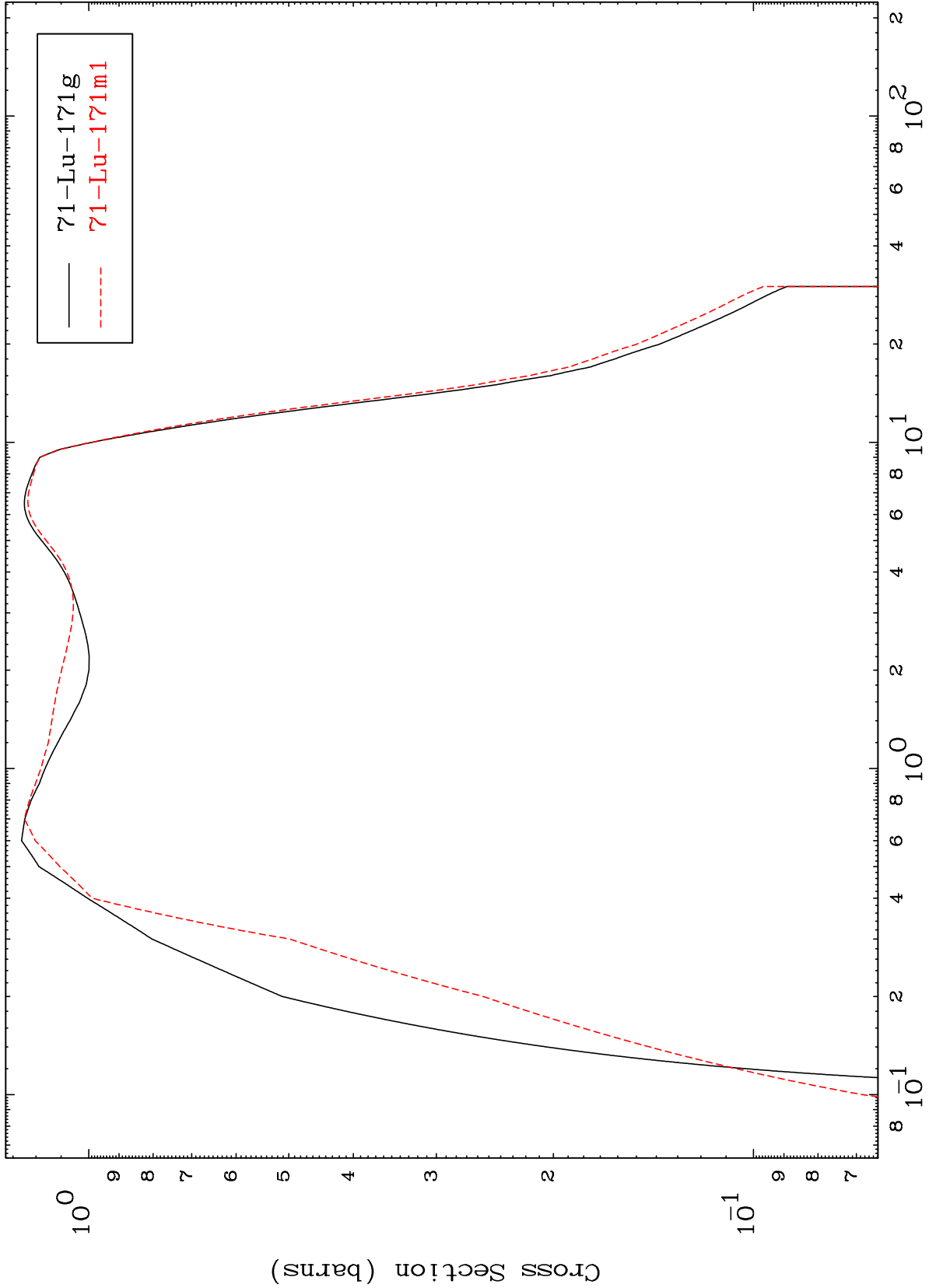
71-Lu-171



MAT 7113

71-Lu-171

Inelastic
Radionuclide Production Cross Section



136

Incident Energy (MeV)

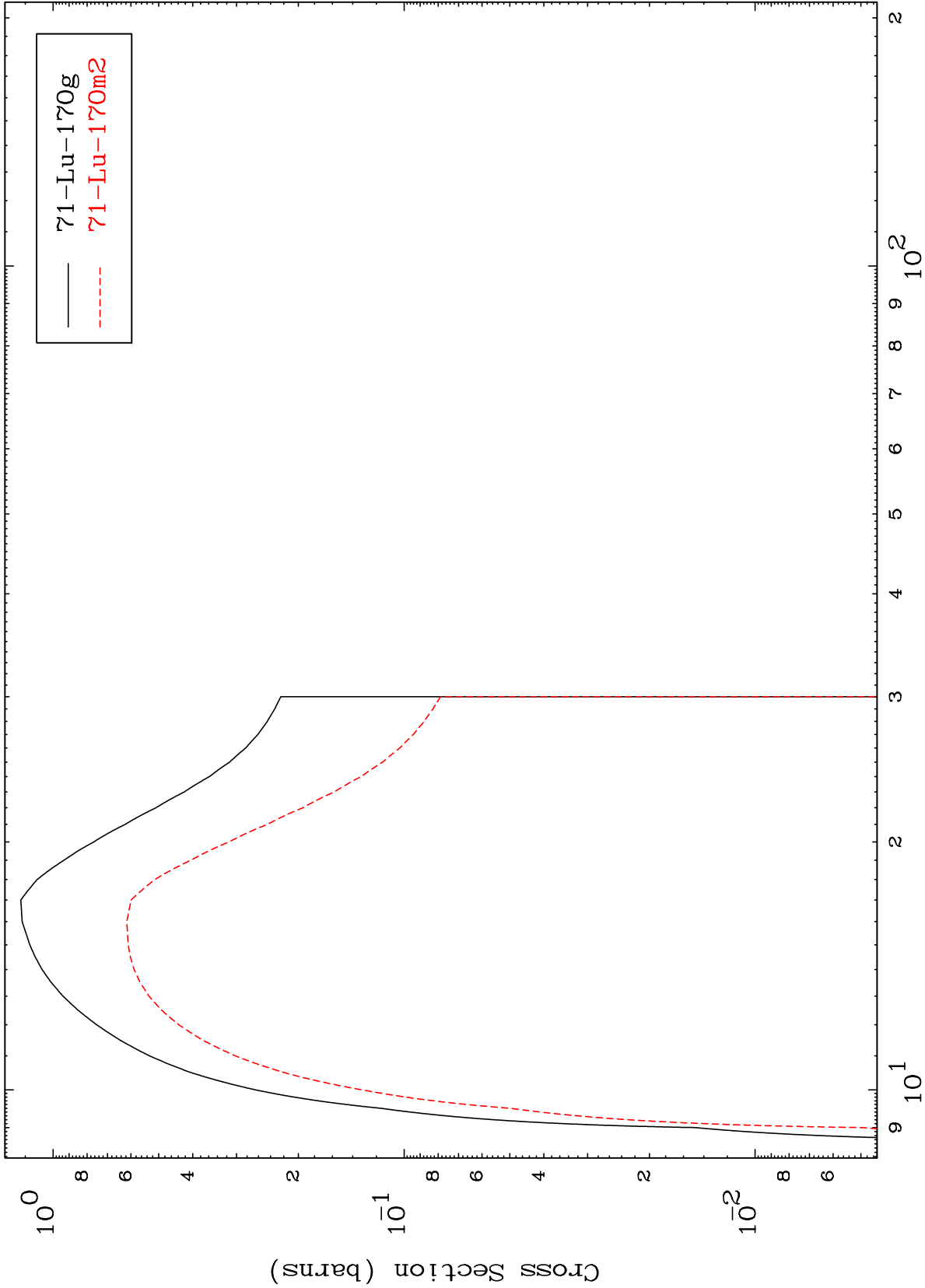
71-Lu-171

MAT 7113

71-Lu-171

(n,2n)

Radionuclide Production Cross Section



137

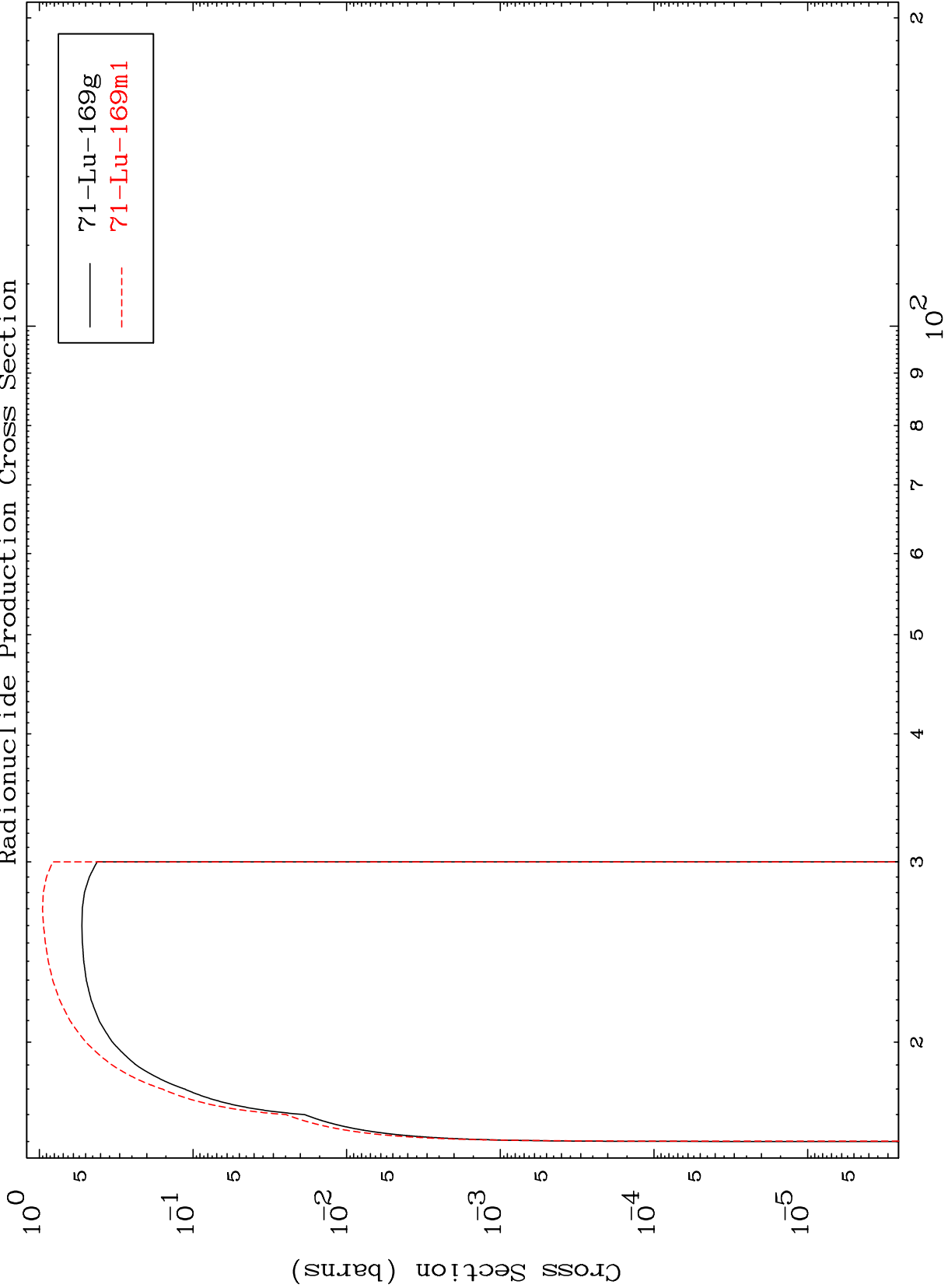
Incident Energy (MeV)

71-Lu-171

MAT 7113

71-Lu-171

(n,3n)
Radionuclide Production Cross Section



138

Incident Energy (MeV)

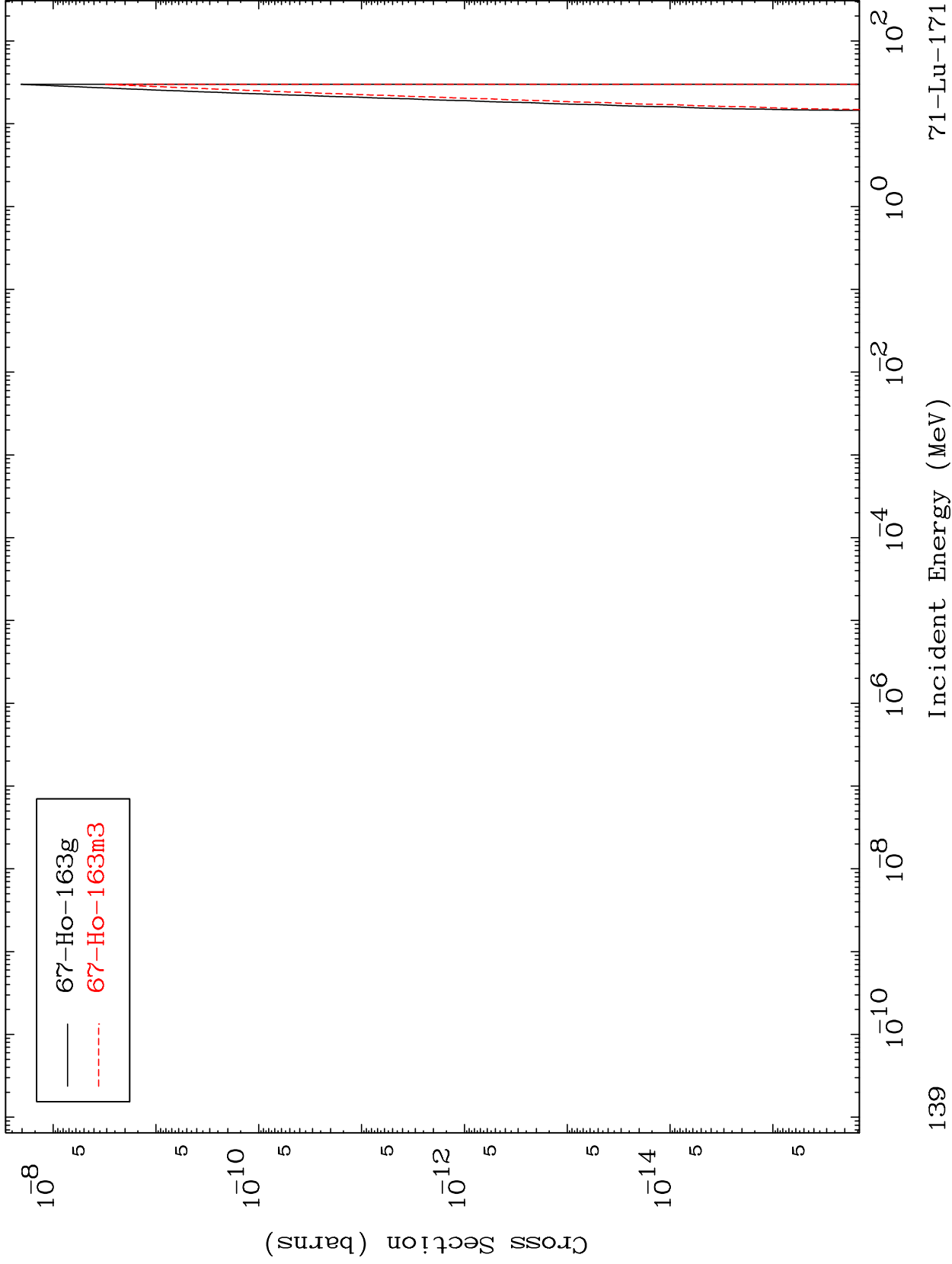
71-Lu-171

MAT 7113

(n,n') 2α

71-Lu-171

Radionuclide Production Cross Section



139

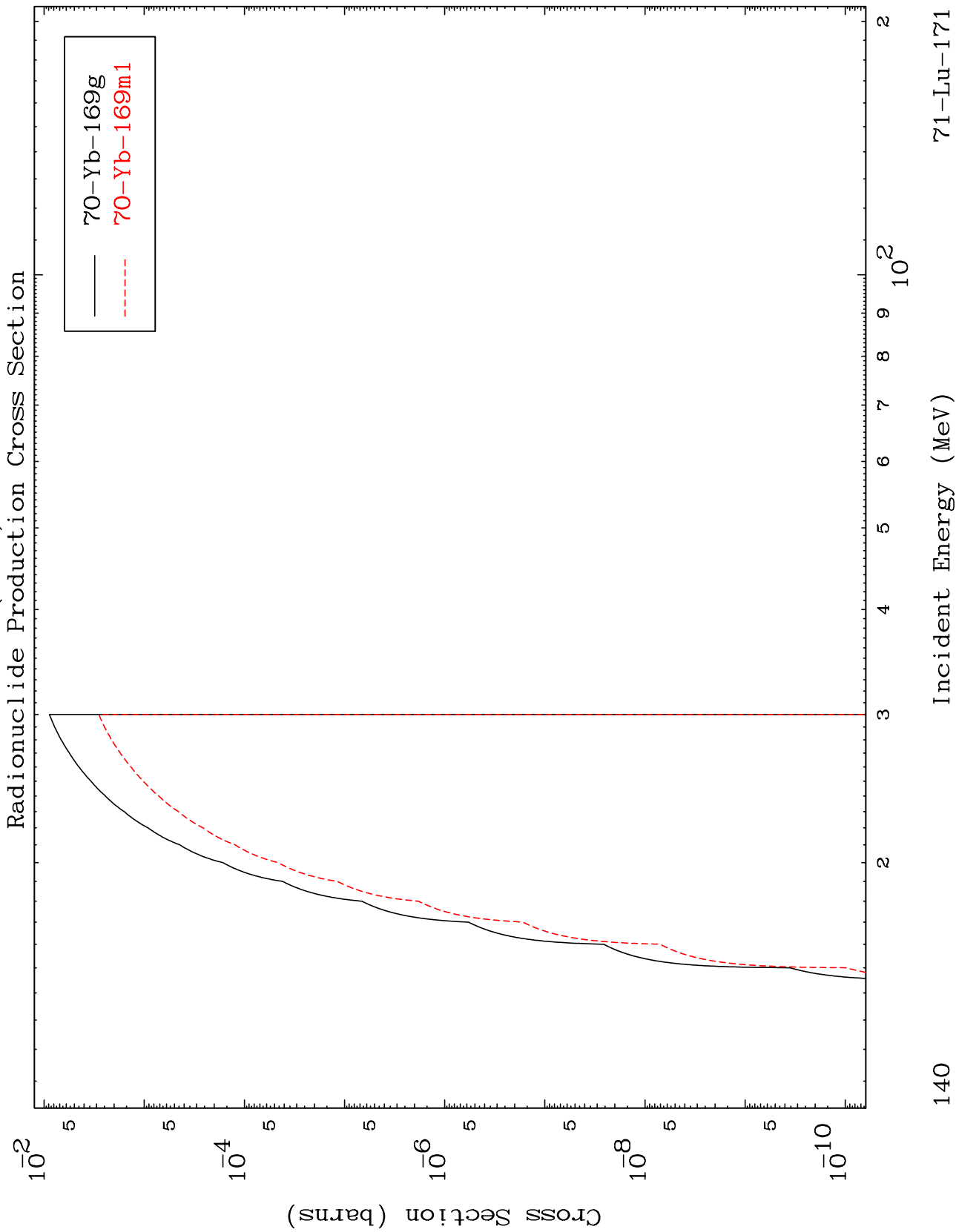
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,n') d

71-Lu-171



140

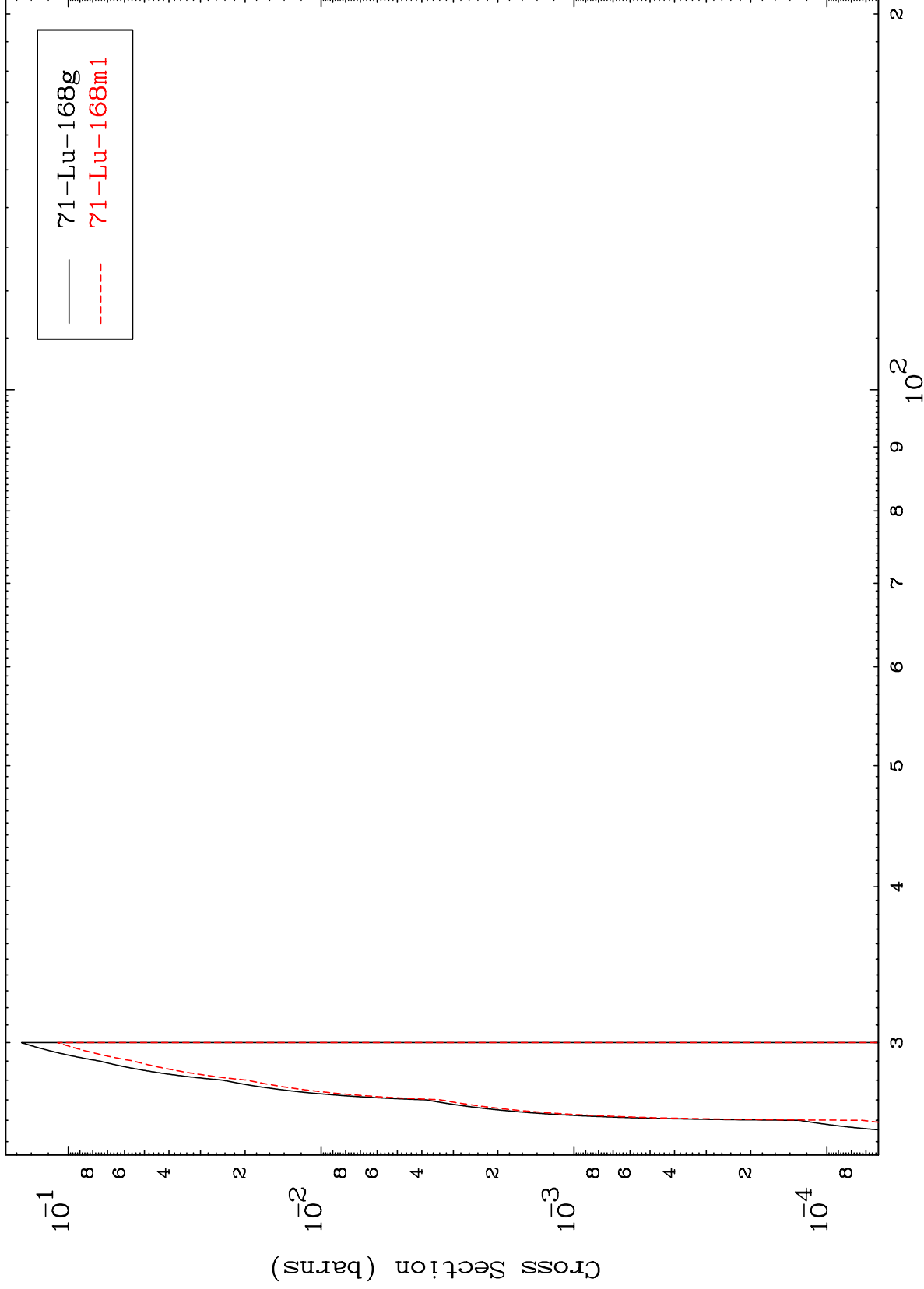
71-Lu-171

MAT 7113

(n,4n)

71-Lu-171

Radionuclide Production Cross Section



141

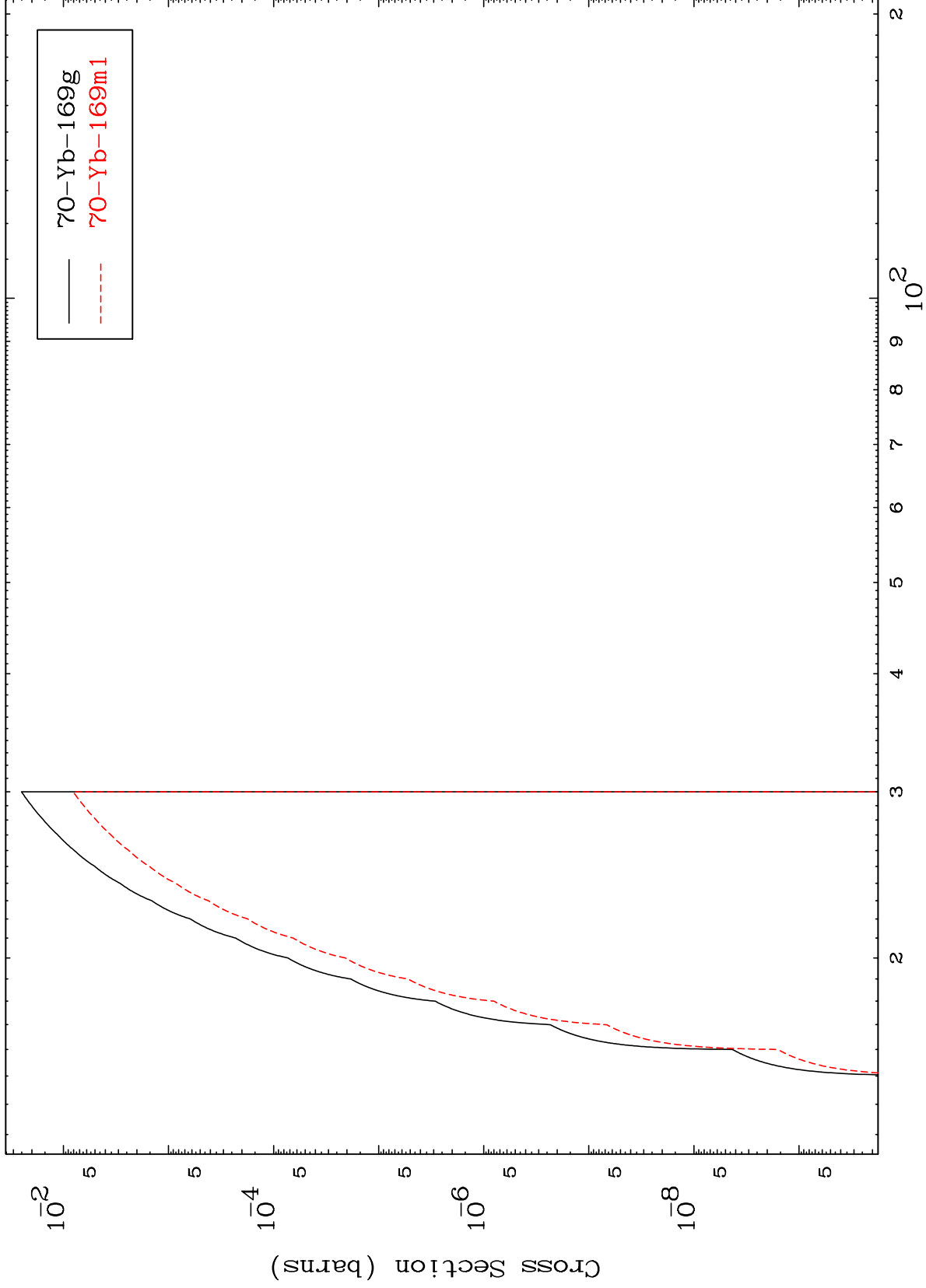
Incident Energy (MeV)

71-Lu-171

MAT 7113

71-Lu-171

(n,2n) p
Radionuclide Production Cross Section



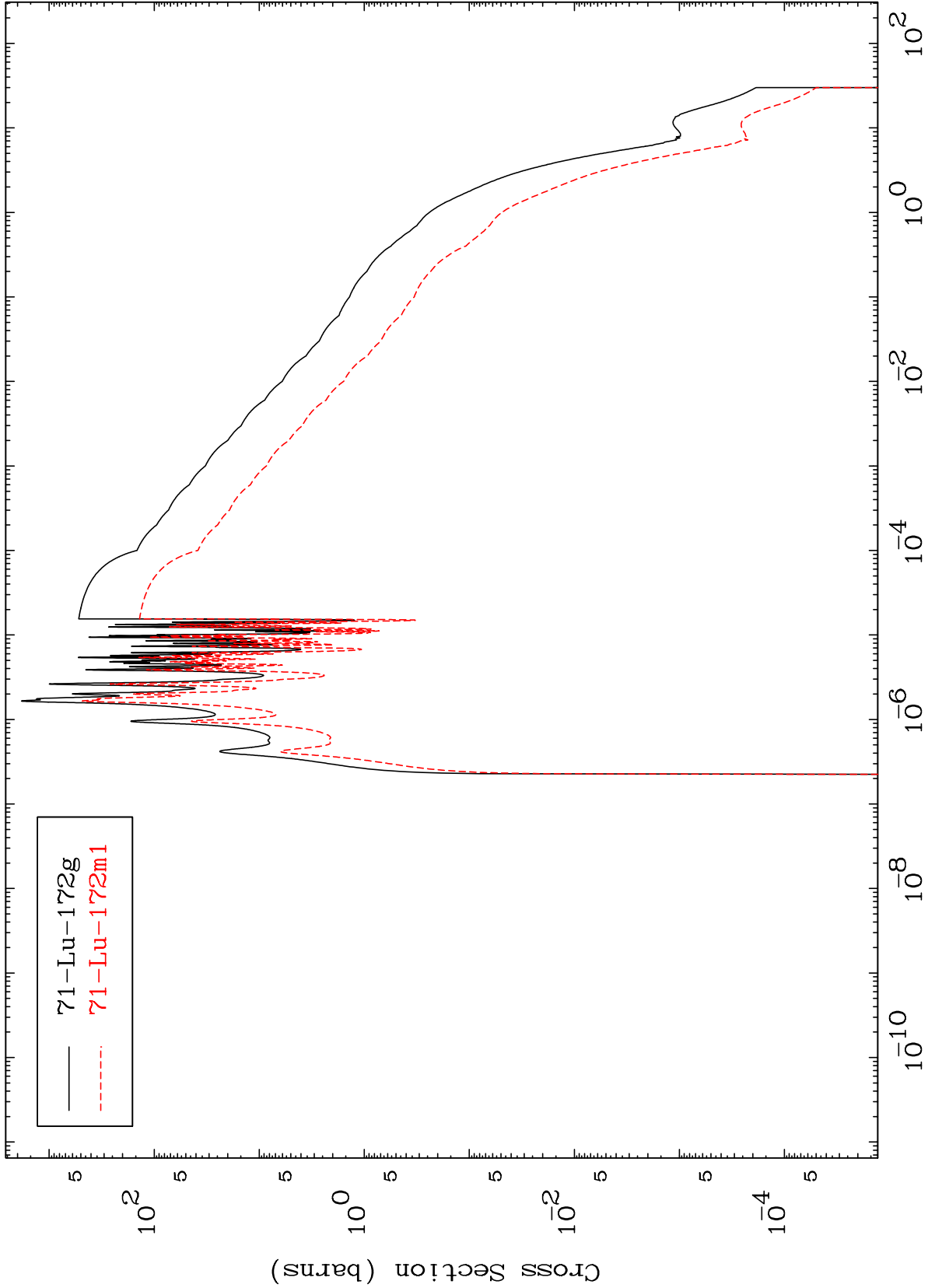
142

71-Lu-171

MAT 7113

⁷¹Lu-171

Radionuclide Production Cross Section (n,γ)



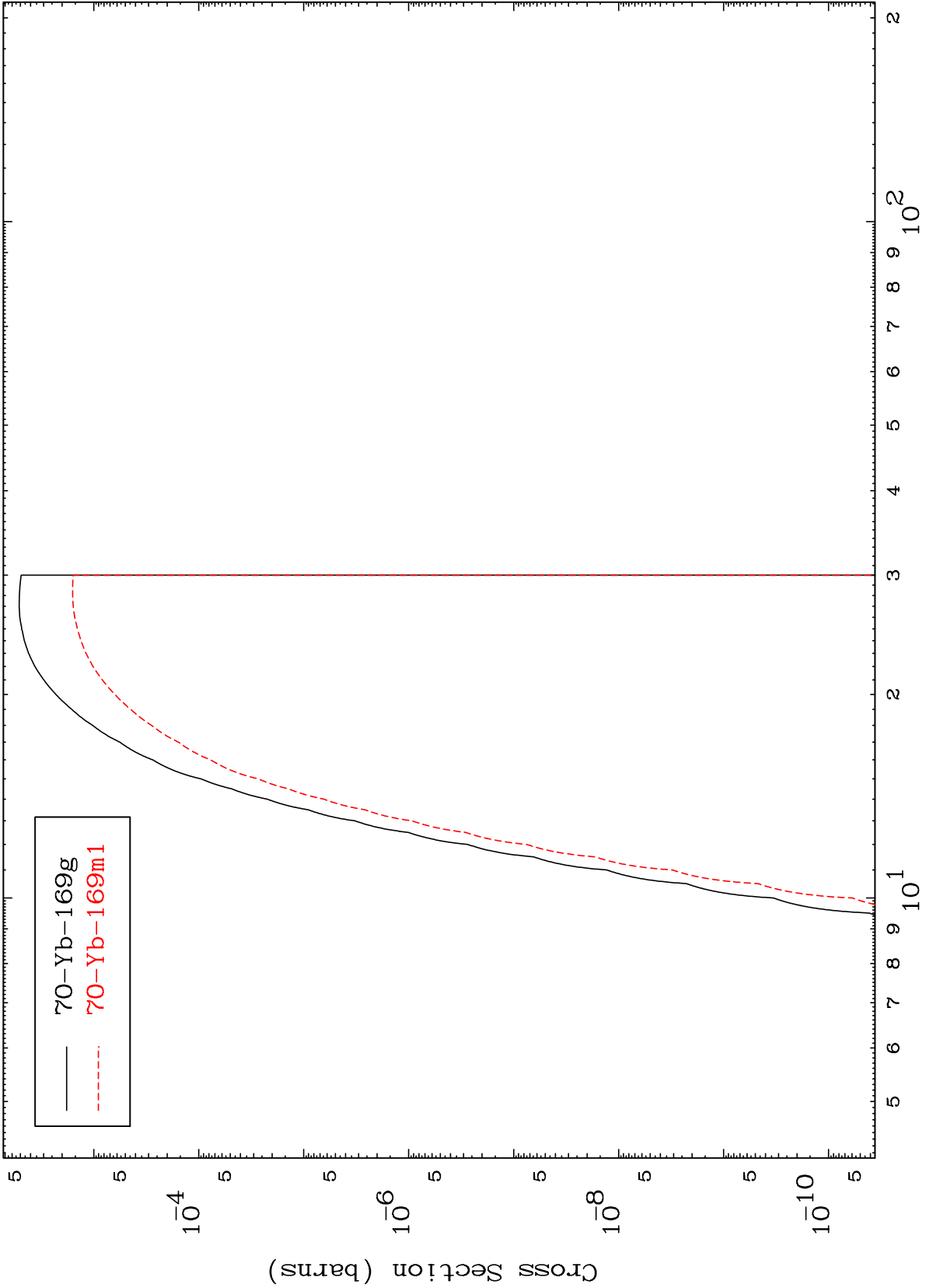
143

⁷¹Lu-171

MAT 7113

71-Lu-171

Radionuclide Production Cross Section



144

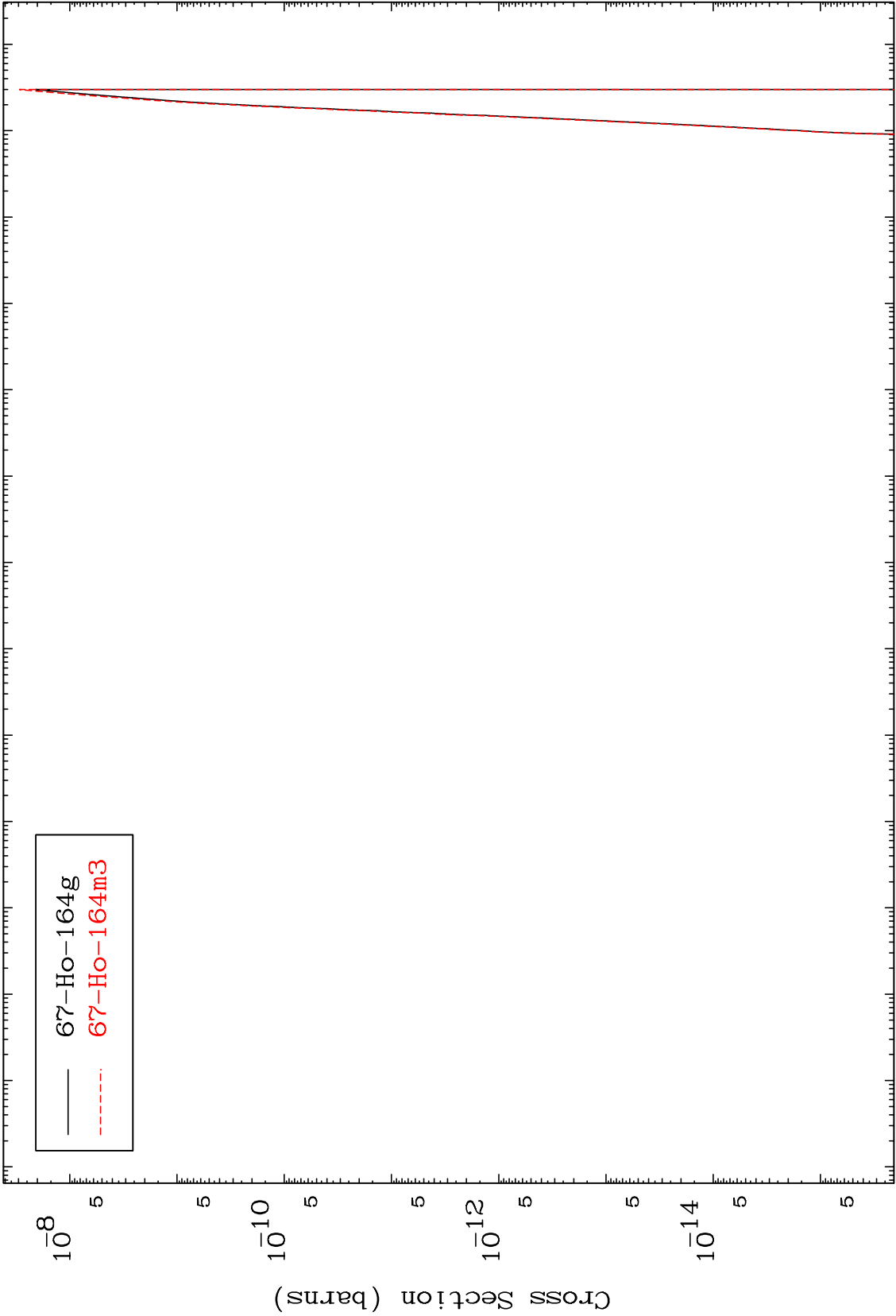
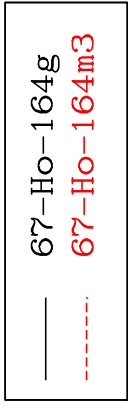
71-Lu-171

MAT 7113

(n,2α)

71-Lu-171

Radionuclide Production Cross Section



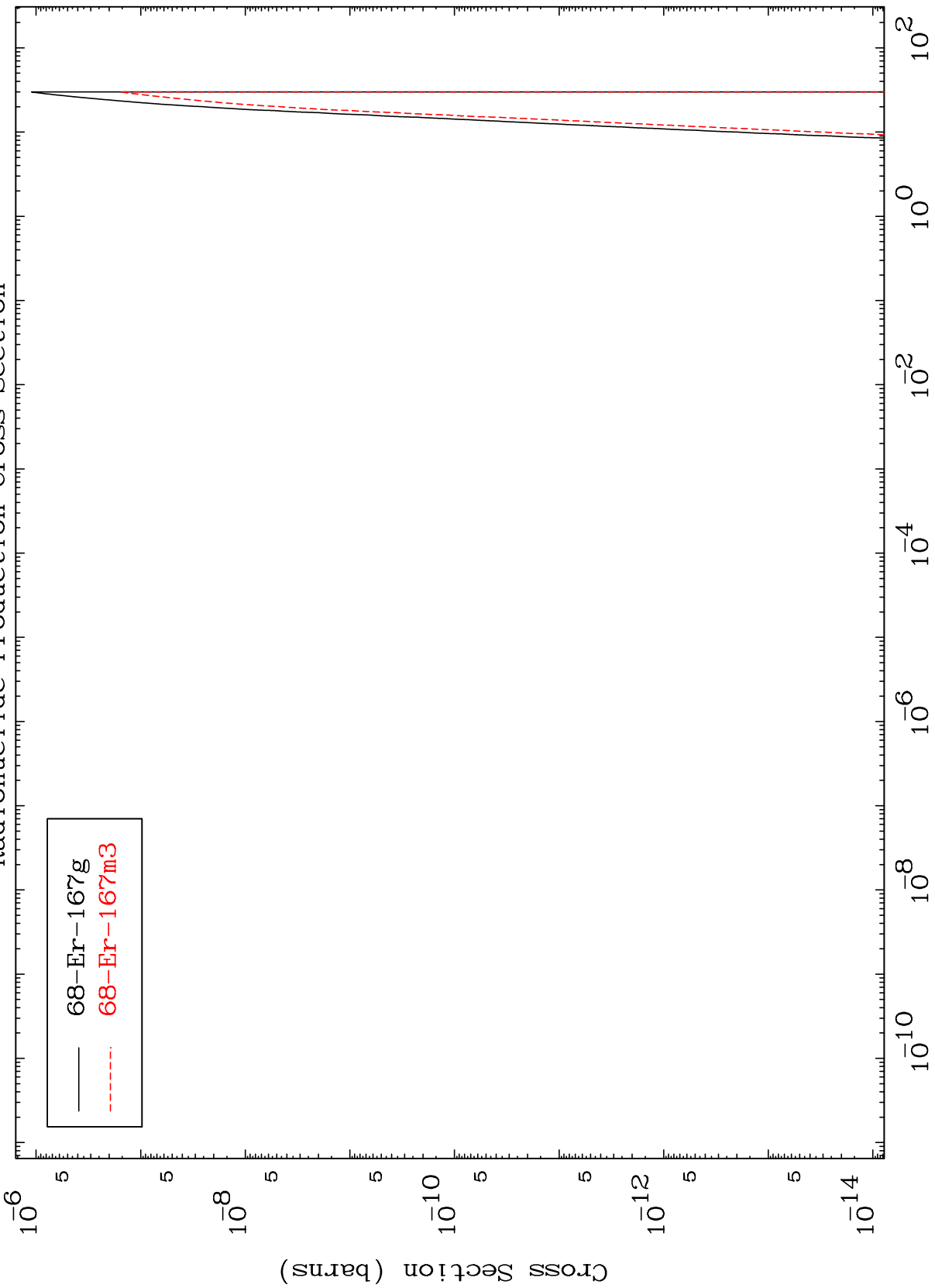
71-Lu-171

MAT 7113

(n,p) α

71-Lu-171

Radionuclide Production Cross Section



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