

Program EVALPLOT
(Version 2021-1)

by

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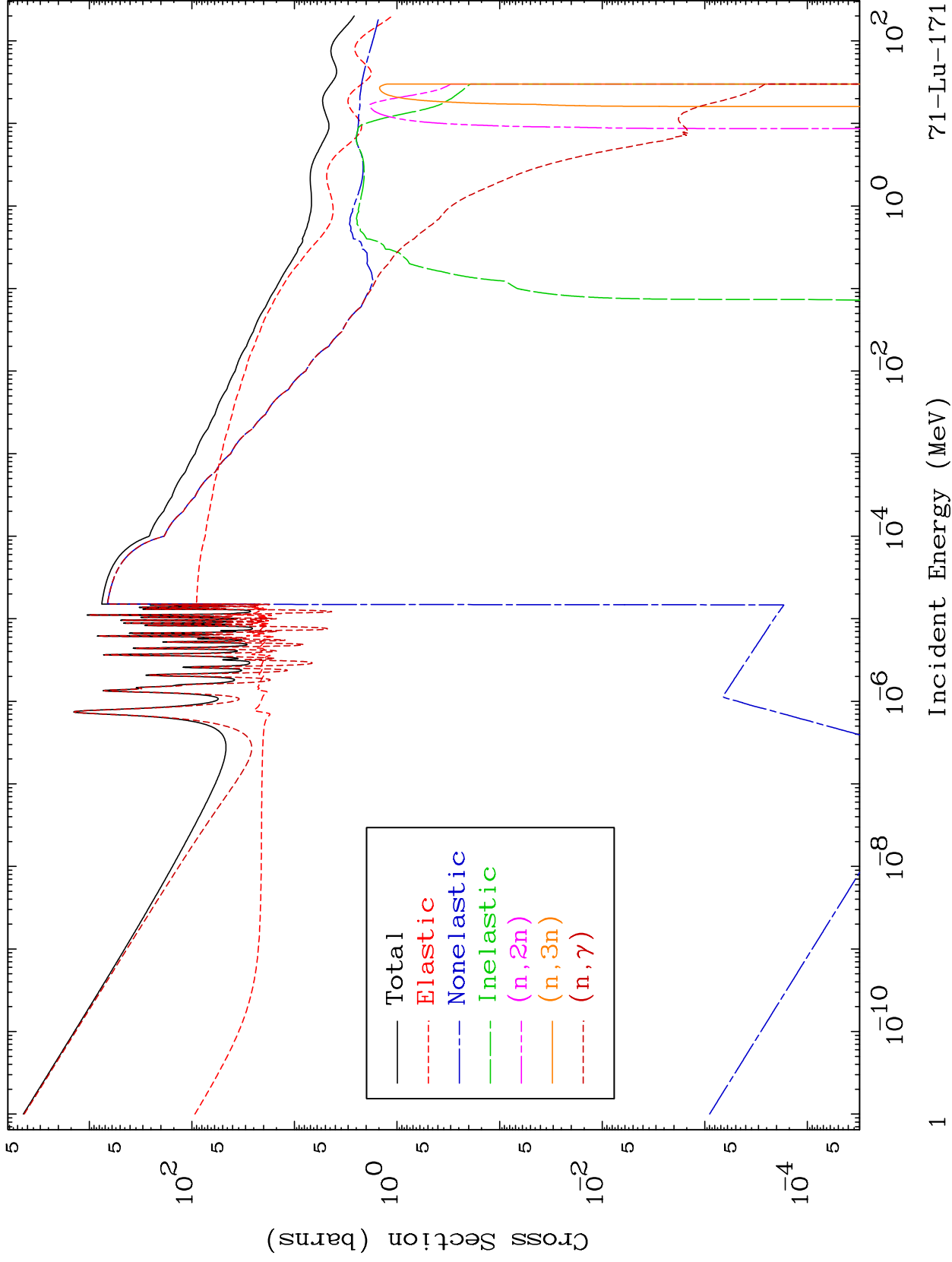
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7113

Neutron Major
293 Kelvin Cross Sections

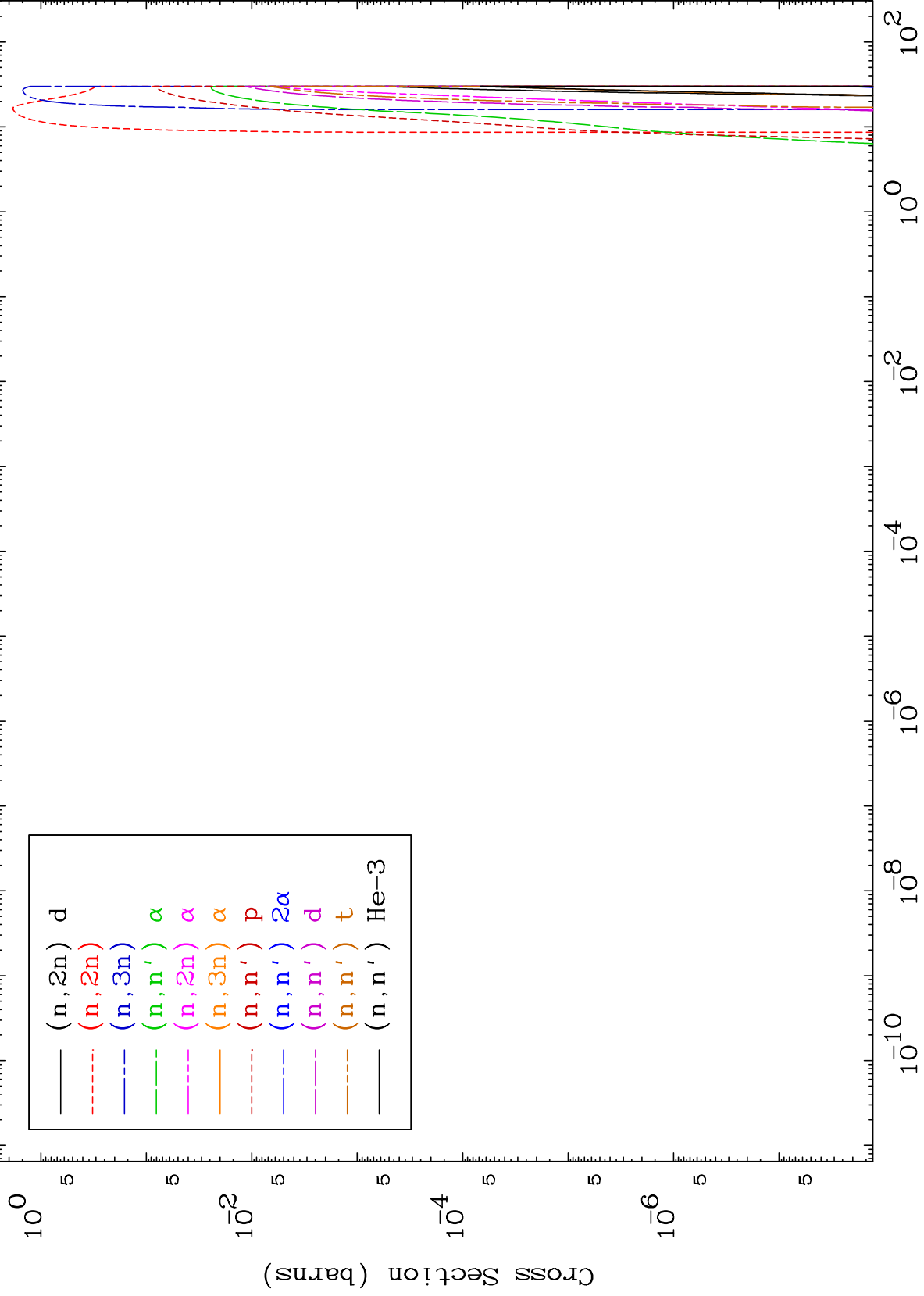
71-Lu-171



MAT 7113

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-171



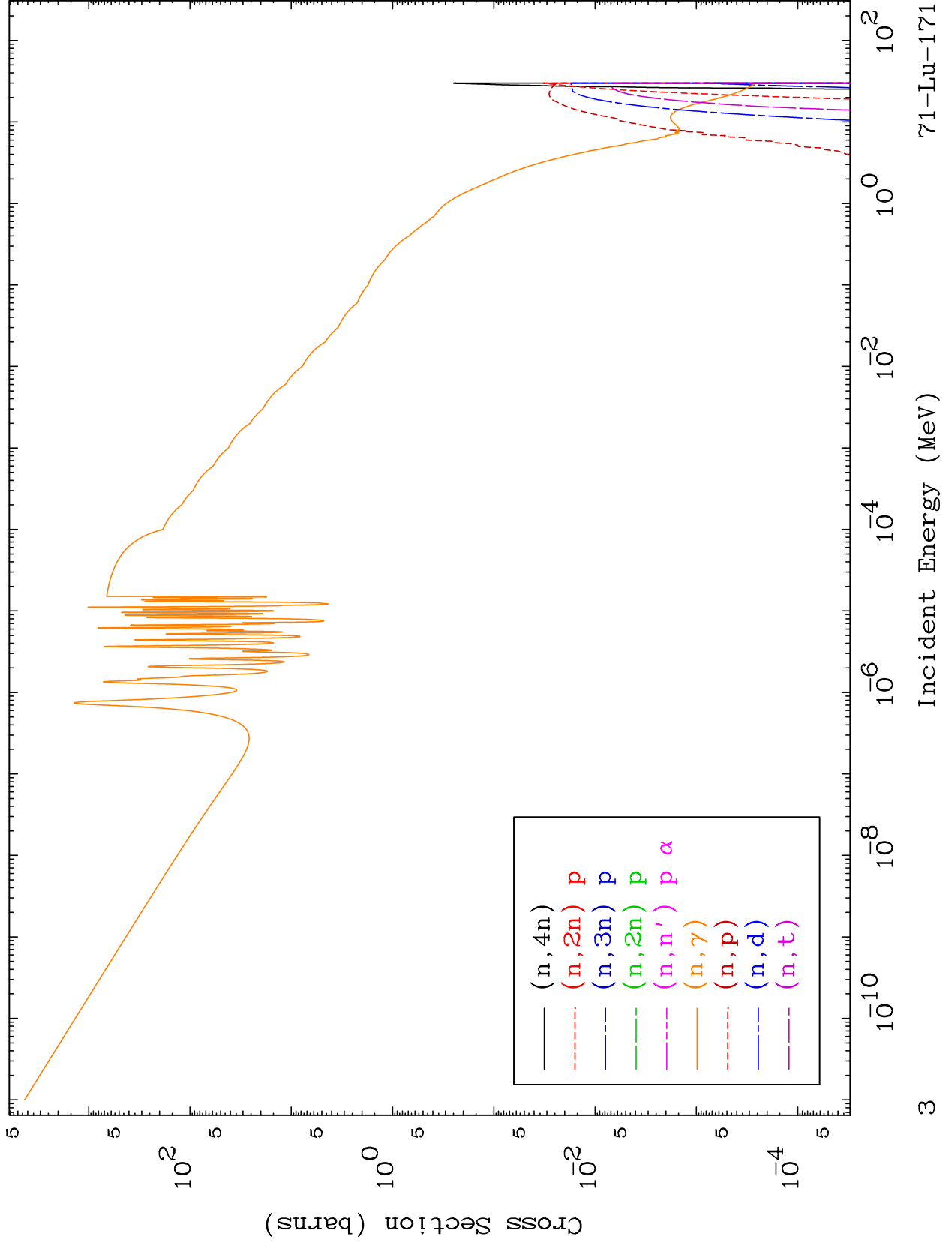
71-Lu-171

Incident Energy (MeV)

MAT 7113

Neutron Absorption
293 Kelvin Cross Sections

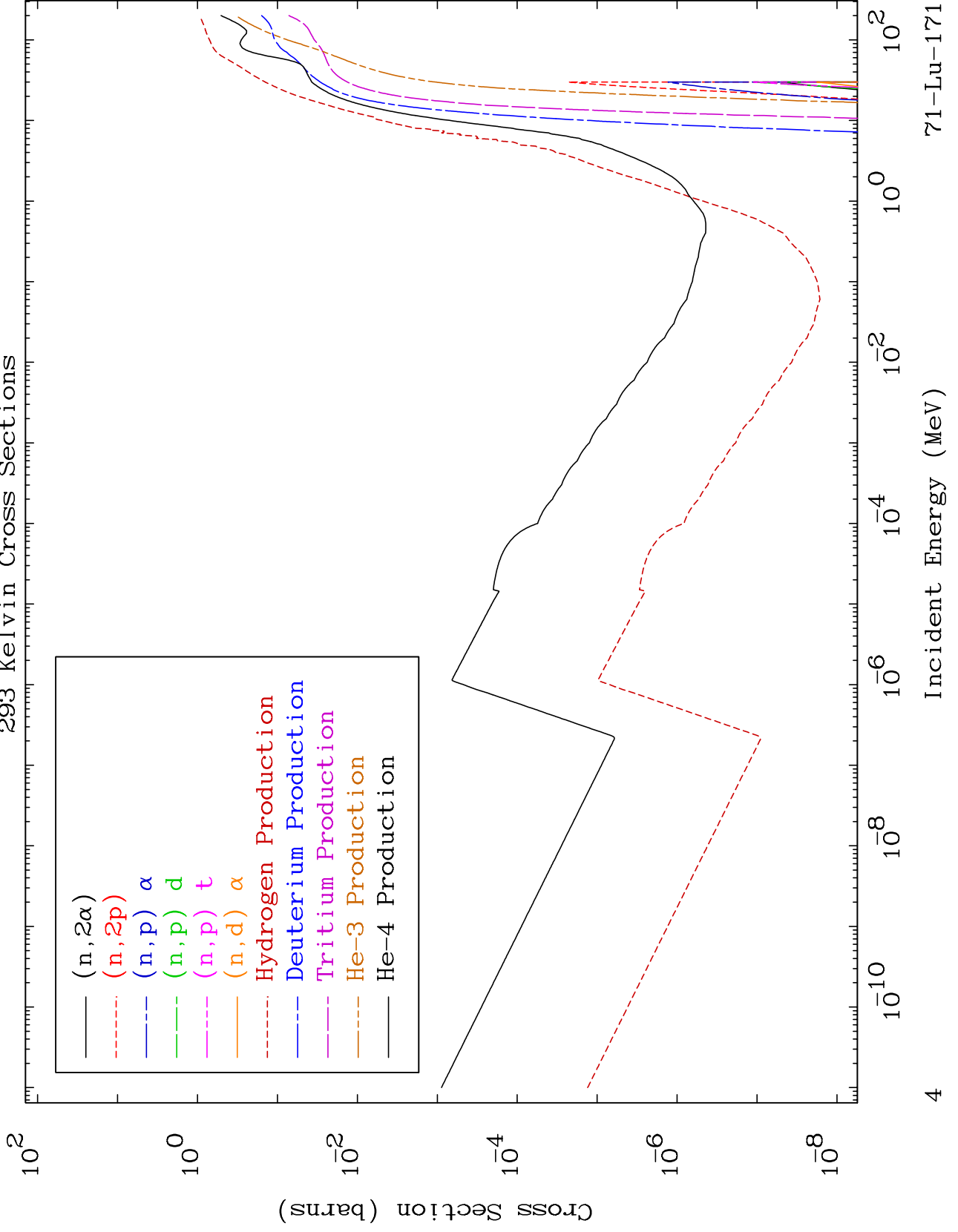
71-Lu-171



MAT 7113

Neutron Absorption
293 Kelvin Cross Sections

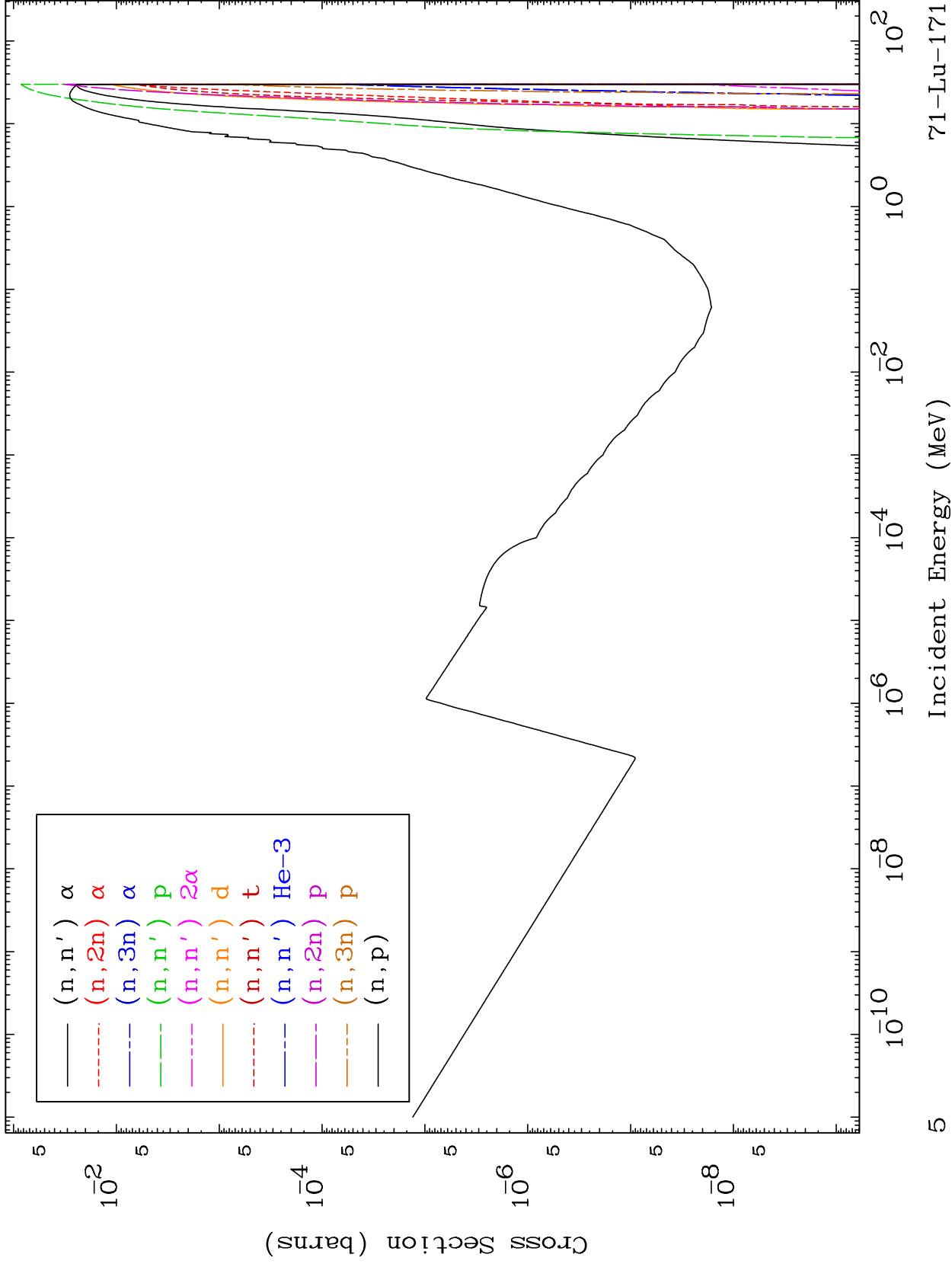
71-Lu-171



MAT 7113

Charged Particle
293 Kelvin Cross Sections

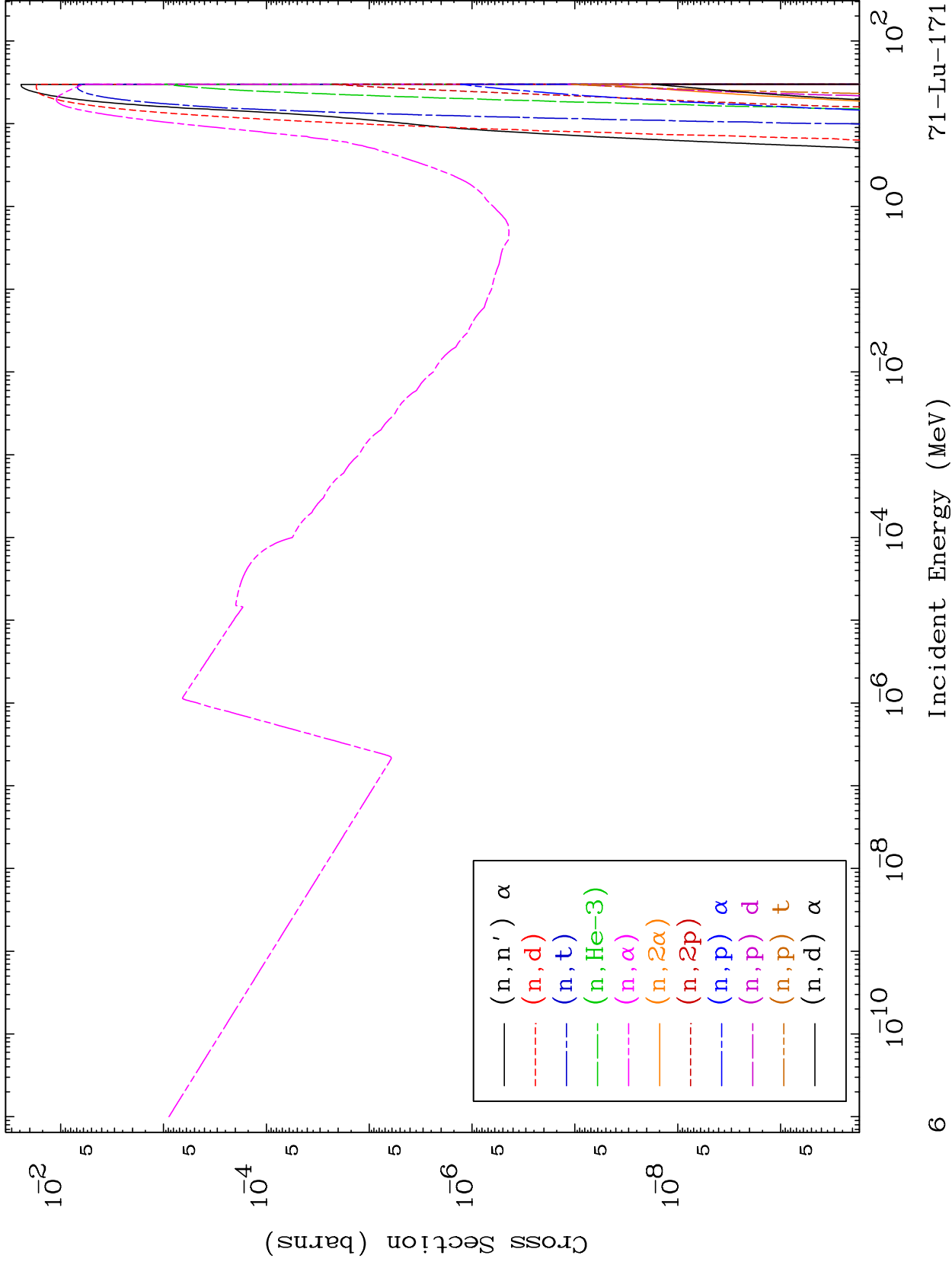
71-Lu-171



MAT 7113

Charged Particle
293 Kelvin Cross Sections

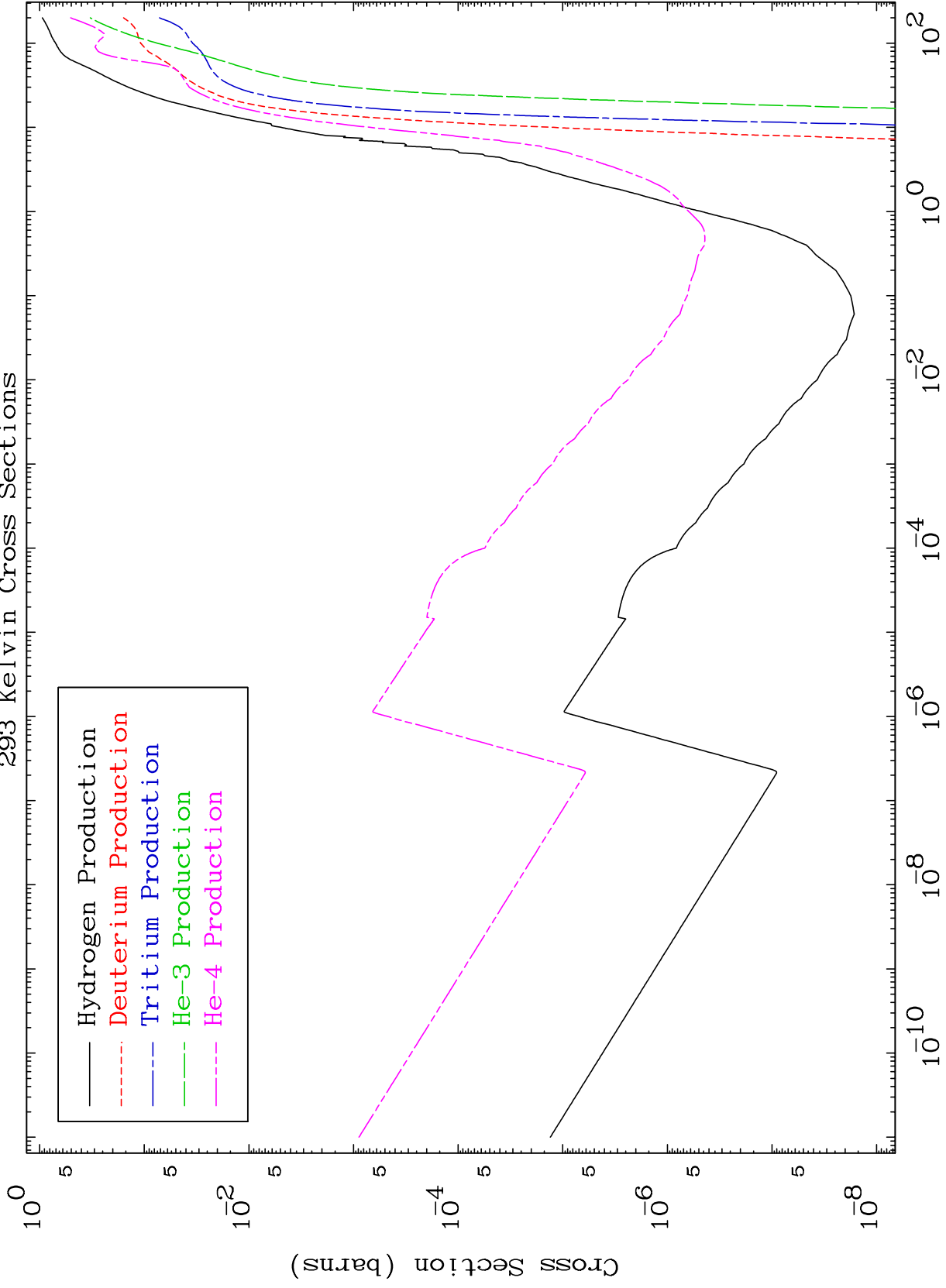
71-Lu-171



MAT 7113

Particle Production
293 Kelvin Cross Sections

71-Lu-171

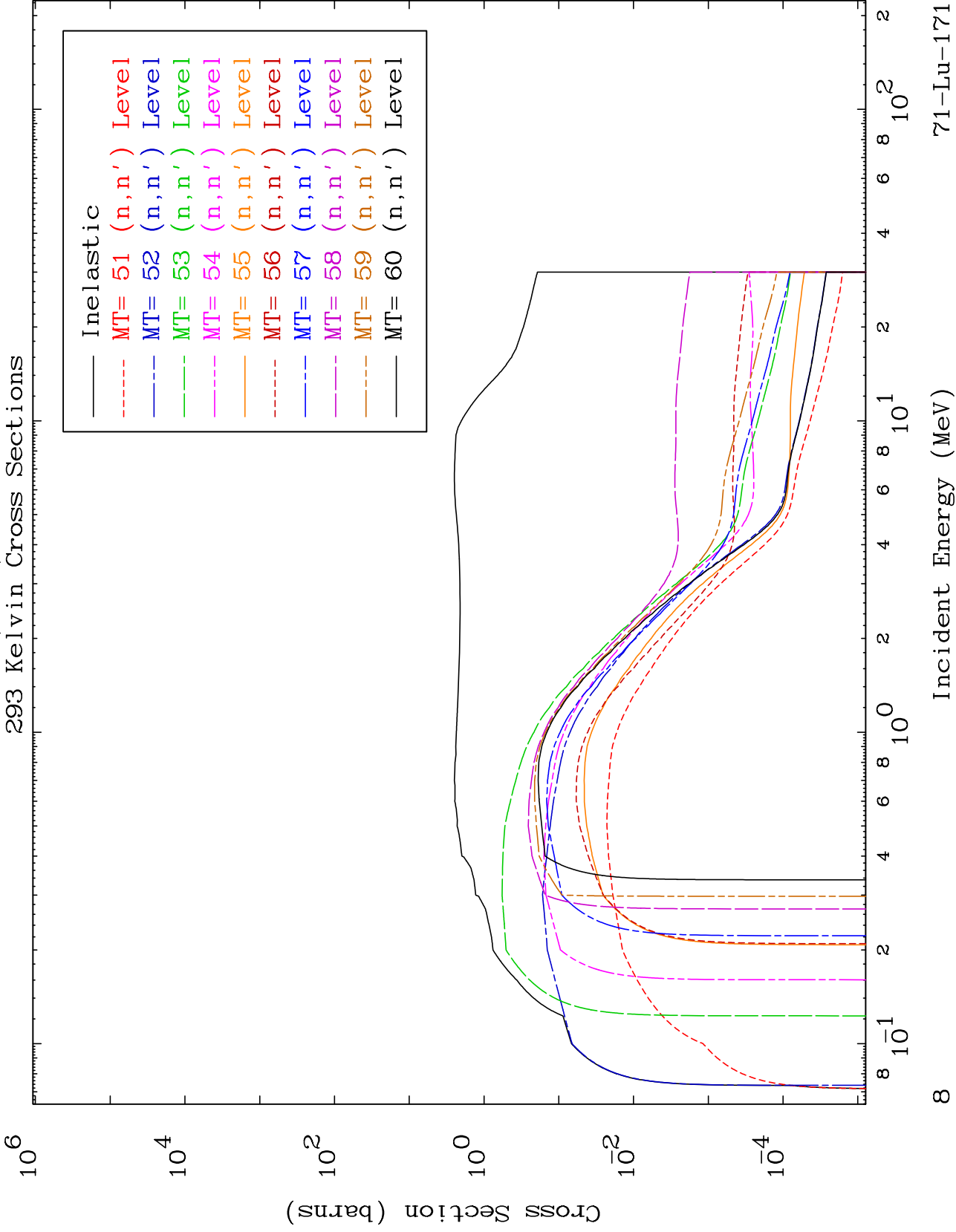


MAT 7113

(n,n') Levels

71-Lu-171

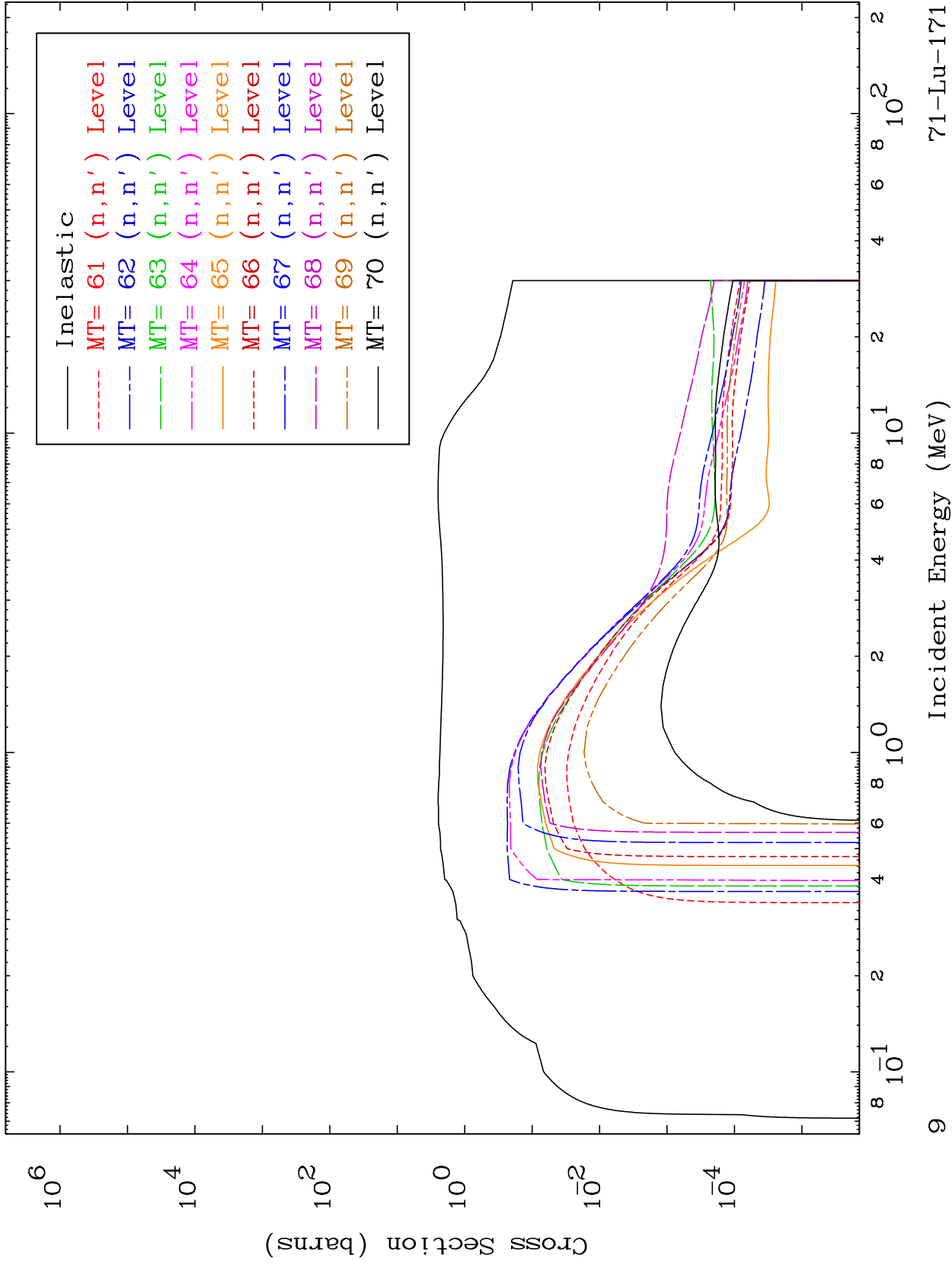
293 Kelvin Cross Sections



8

Incident Energy (MeV)

71-Lu-171

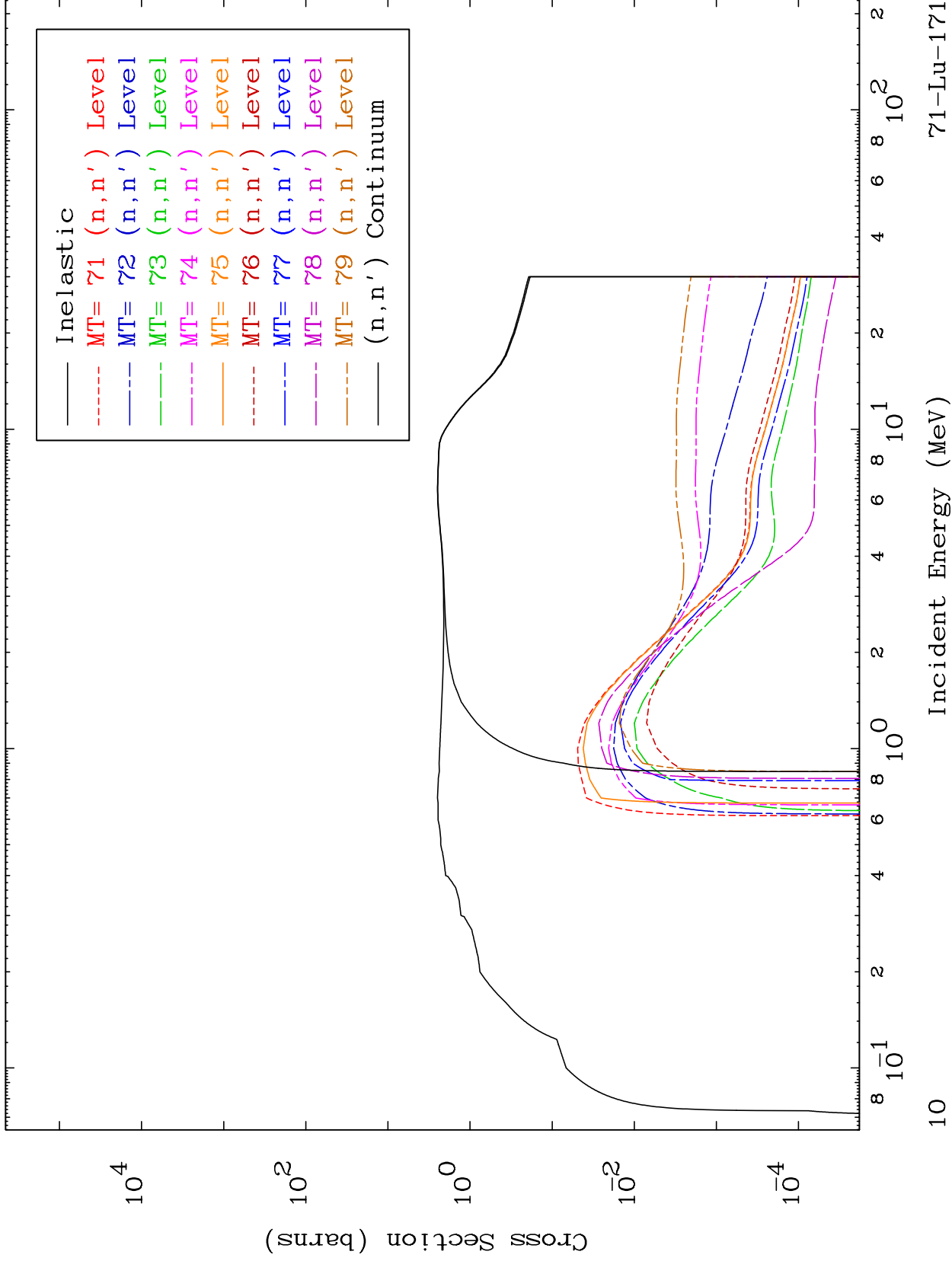


MAT 7113

(n,n') Levels

71-Lu-171

293 Kelvin Cross Sections



71-Lu-171

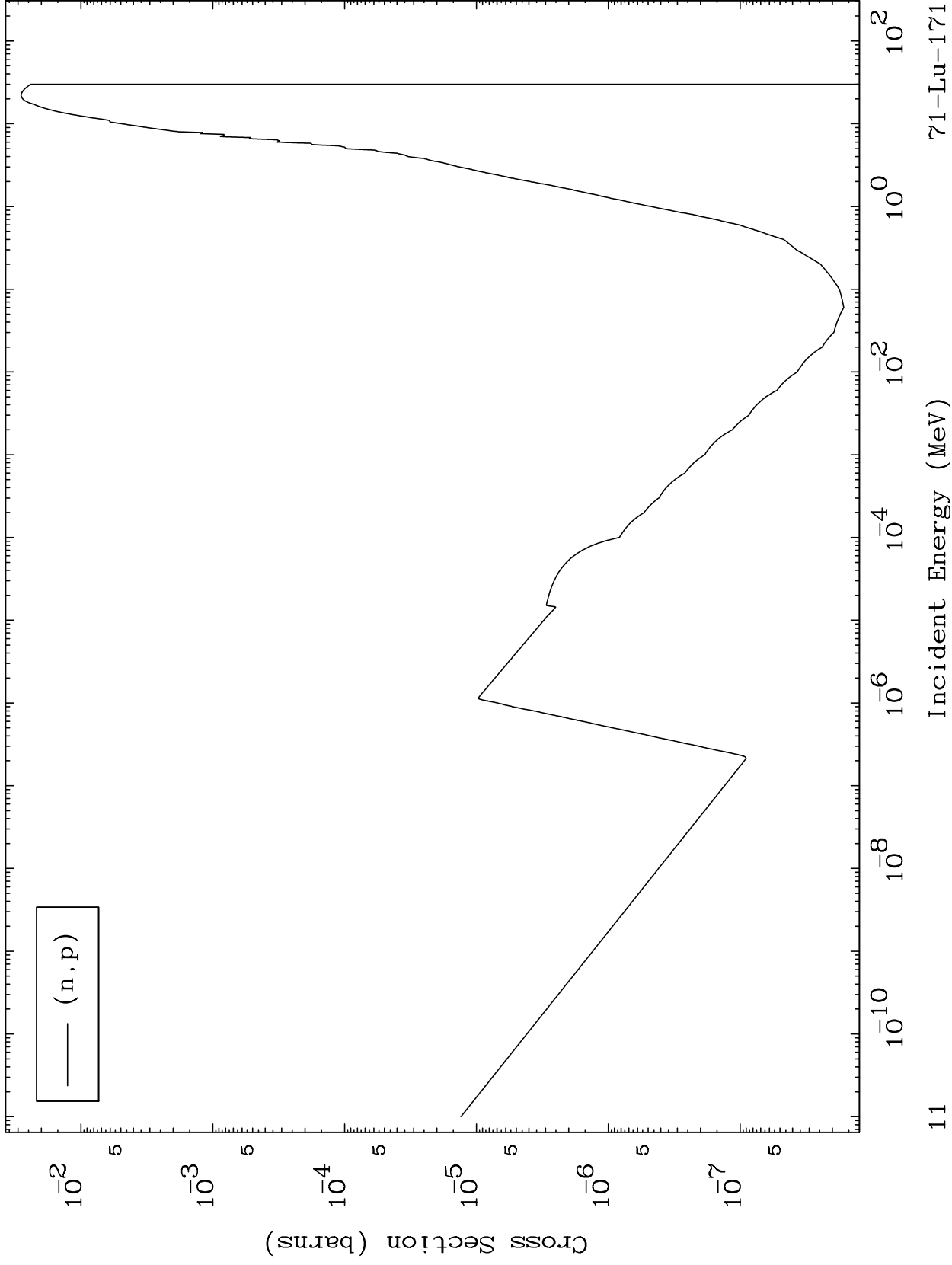
Incident Energy (MeV)

10

MAT 7113

(n,p) Levels
293 Kelvin Cross Sections

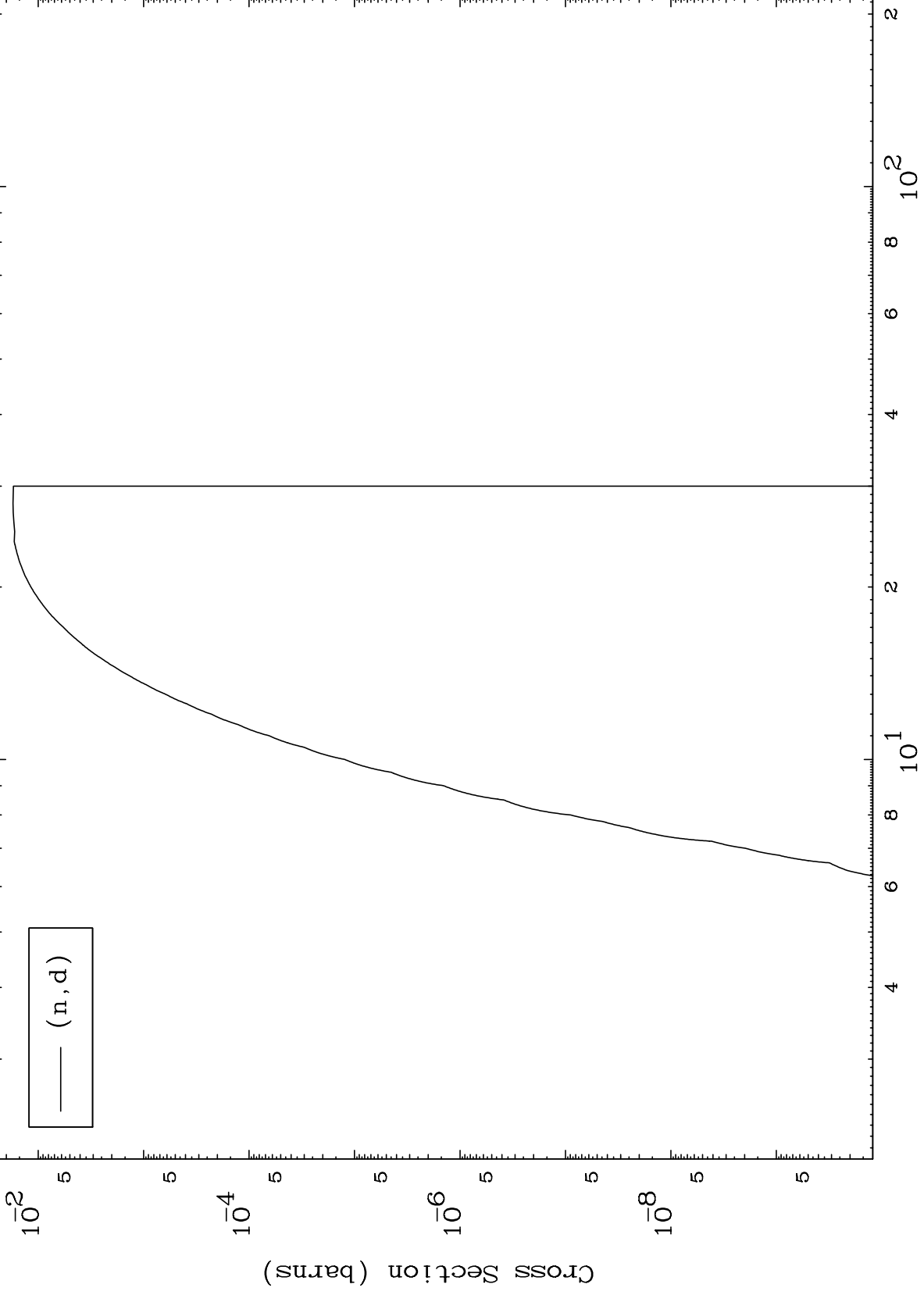
71-Lu-171



MAT 7113

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-171



12

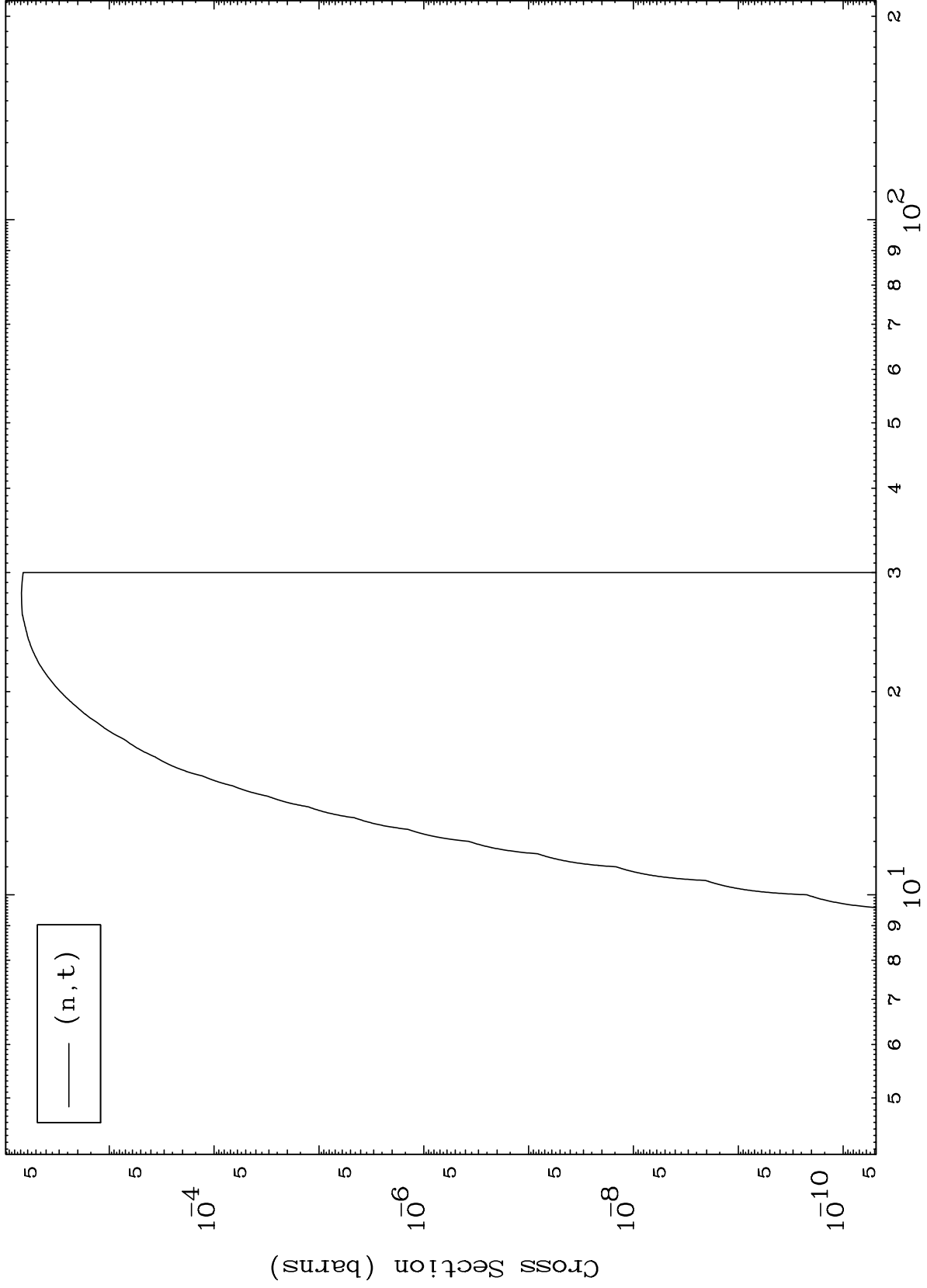
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-171



13

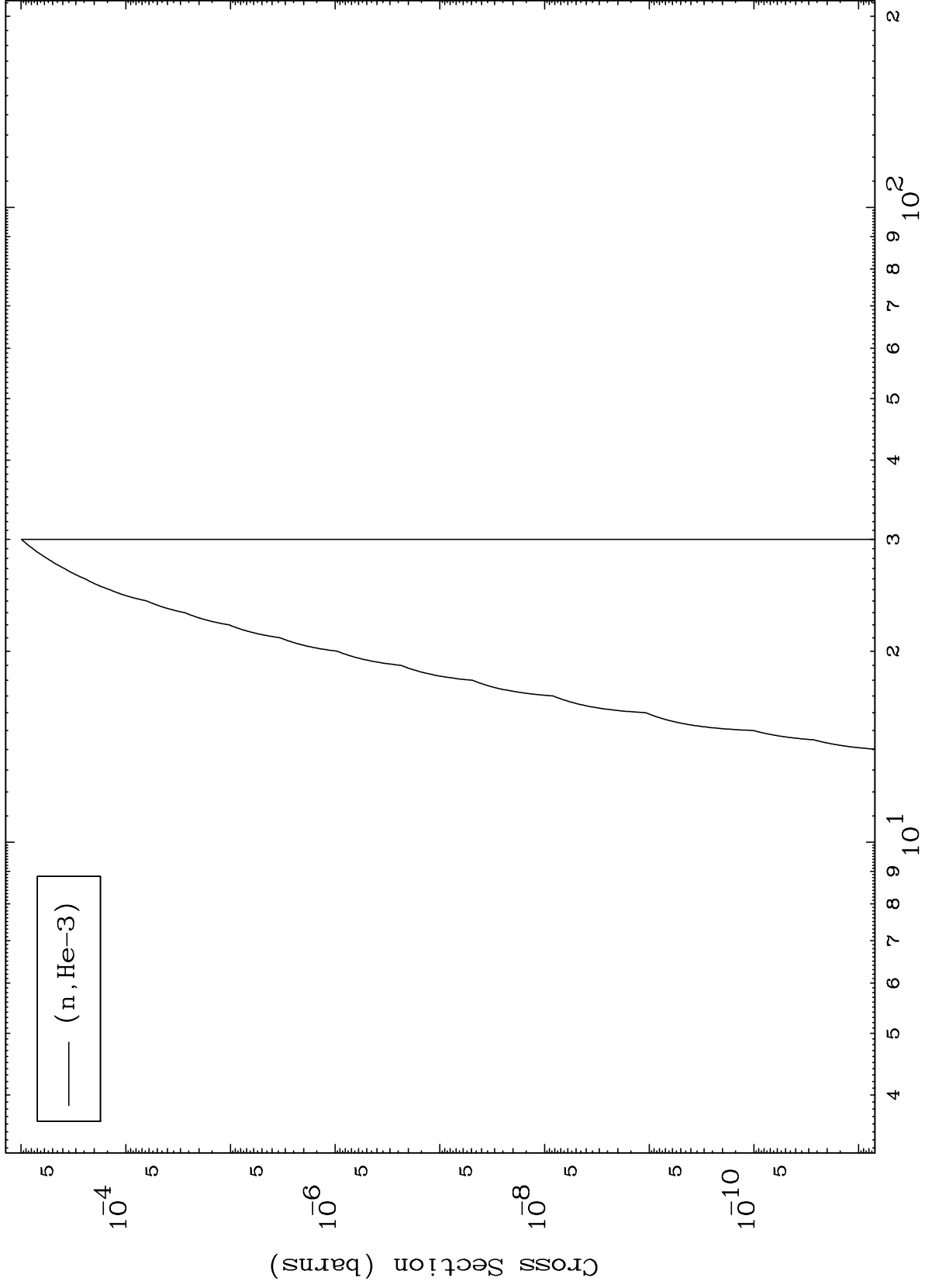
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,He3) Levels
293 Kelvin Cross Sections

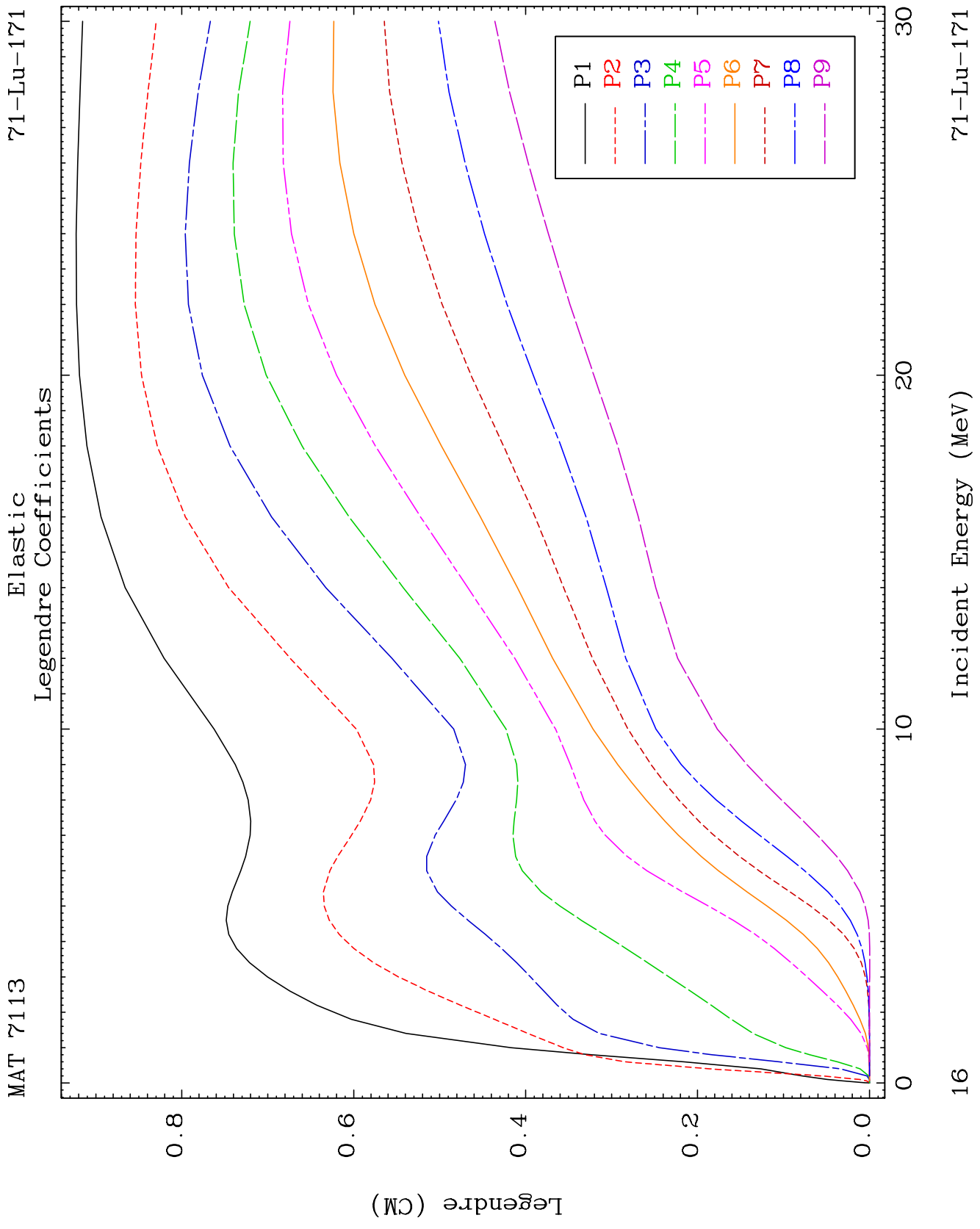
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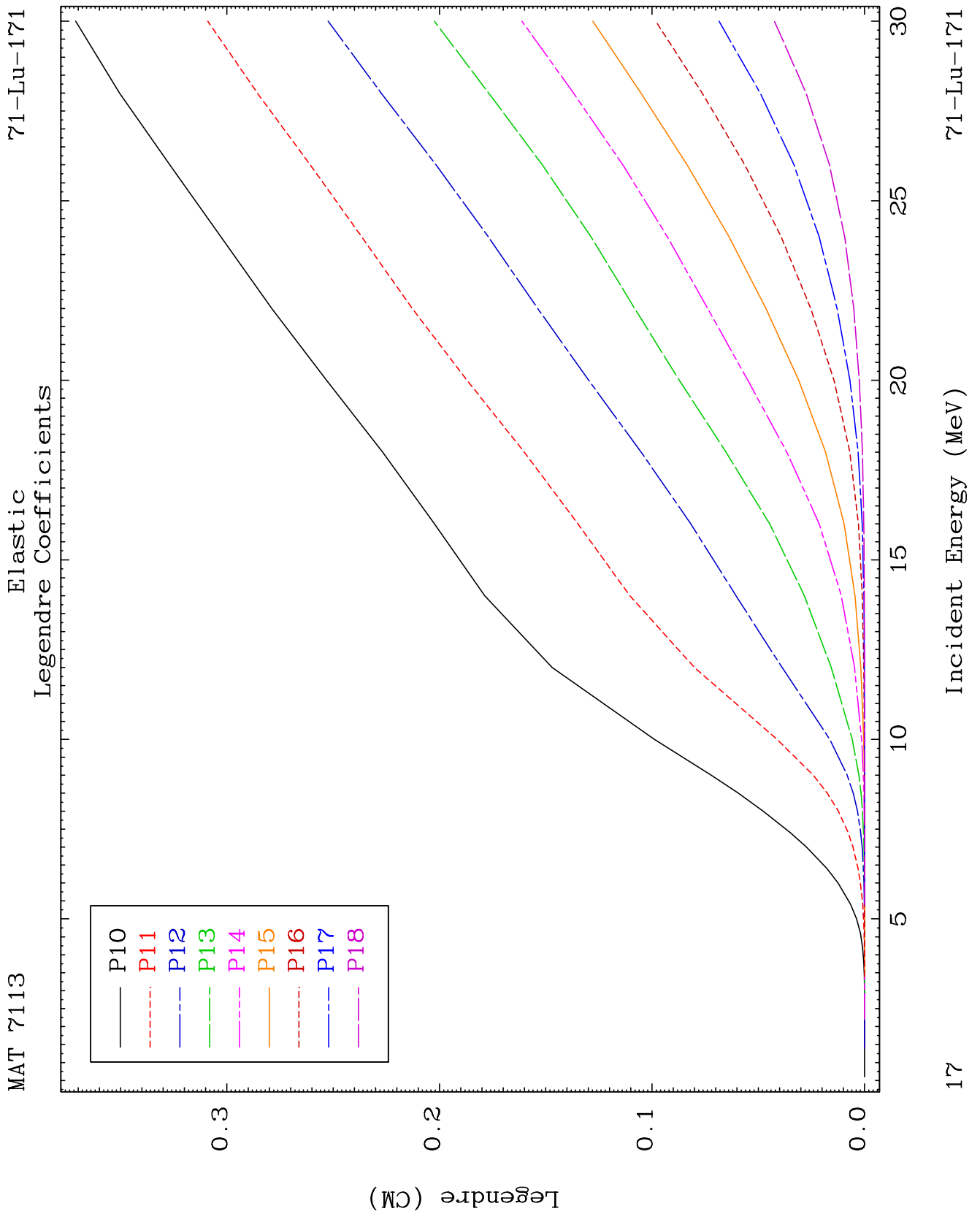


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Incident Energy (MeV)

71-Lu-171

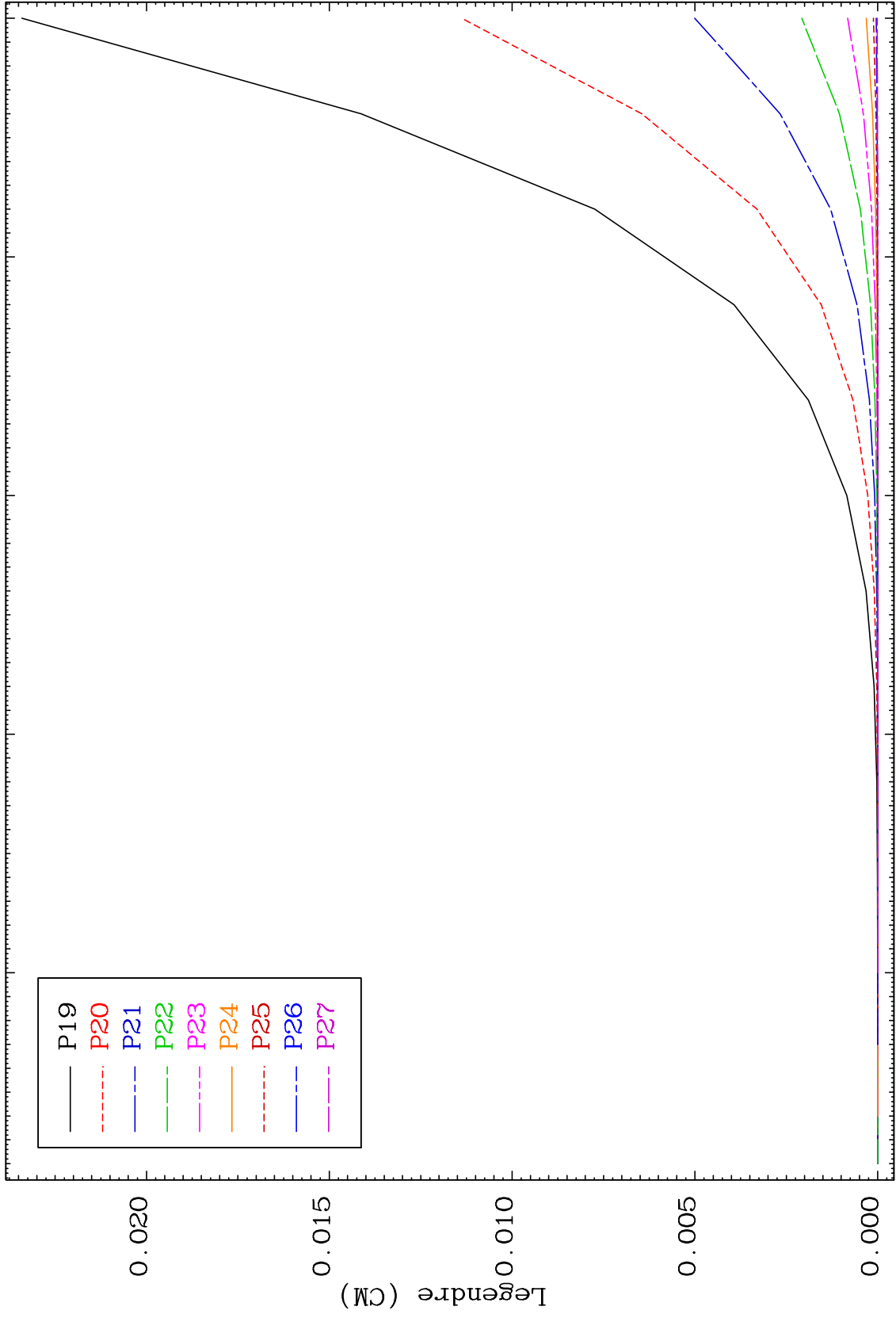




MAT 7113

Elastic Legendre Coefficients

71-Lu-171



18

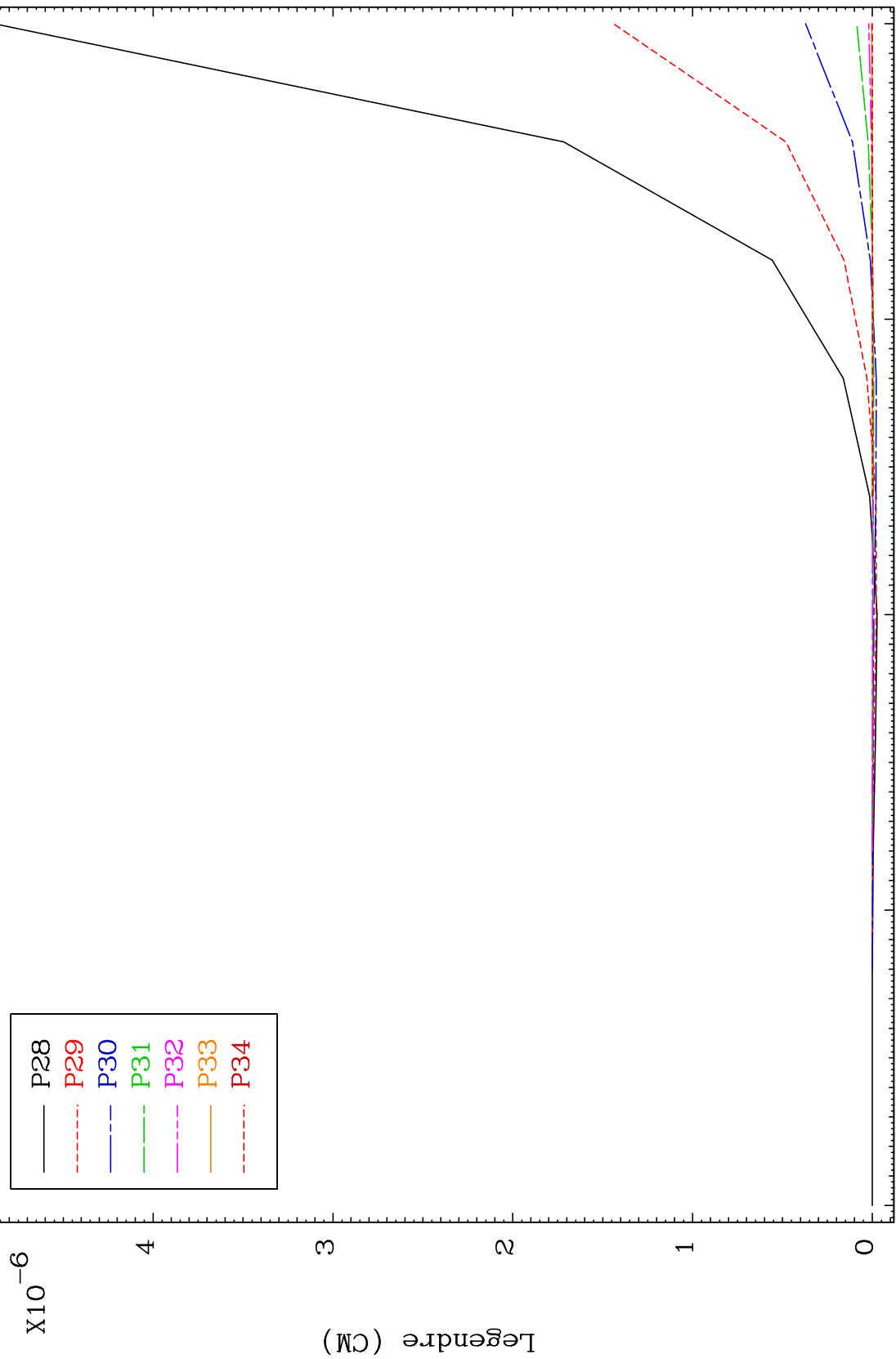
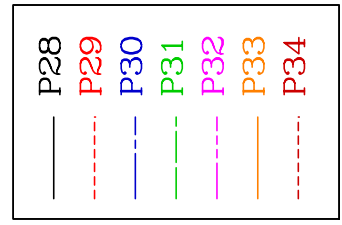
Incident Energy (MeV)

71-Lu-171

MAT 7113

Elastic Legendre Coefficients

71-Lu-171



71-Lu-171

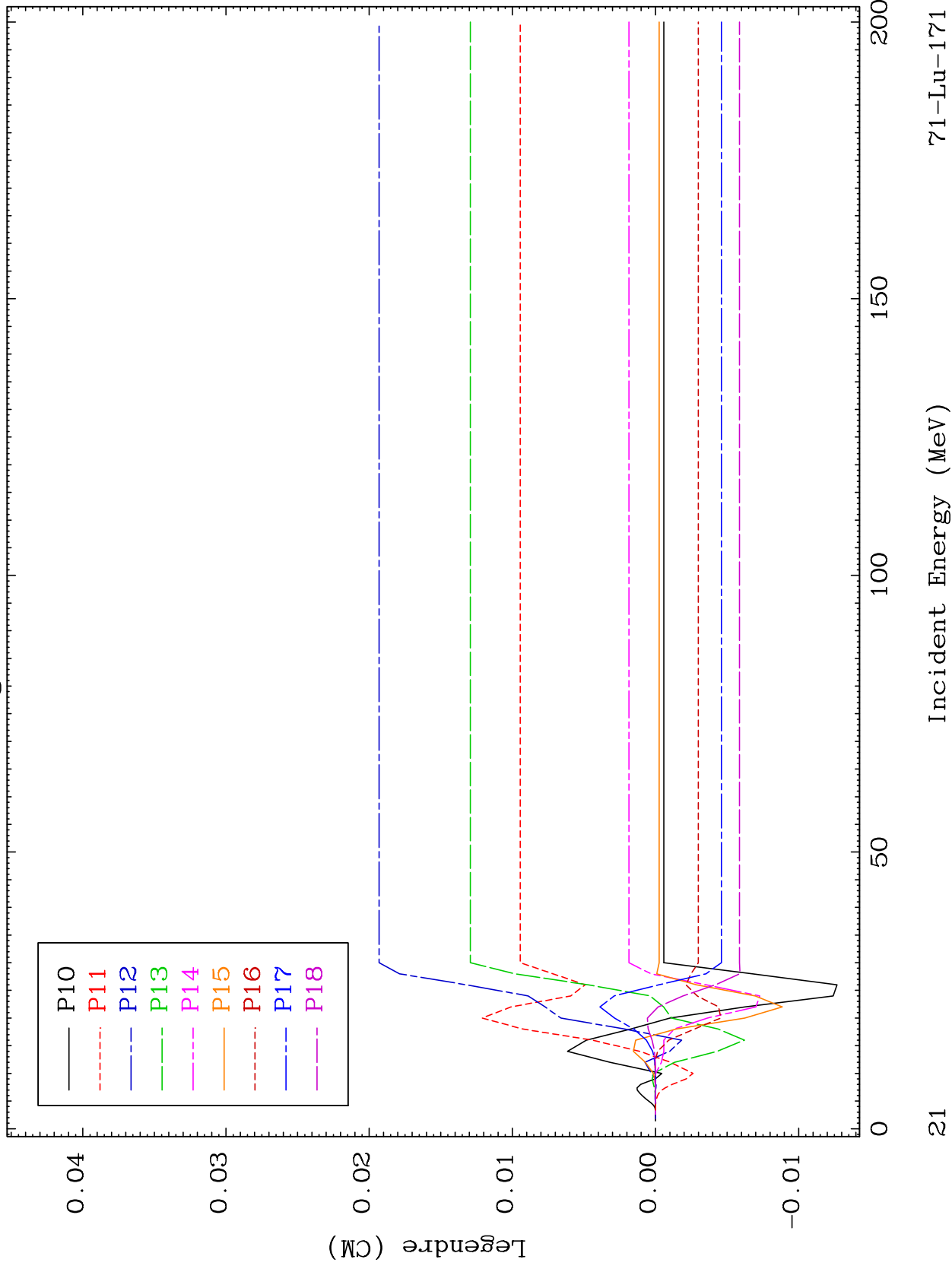
Incident Energy (MeV)

19

MAT 7113

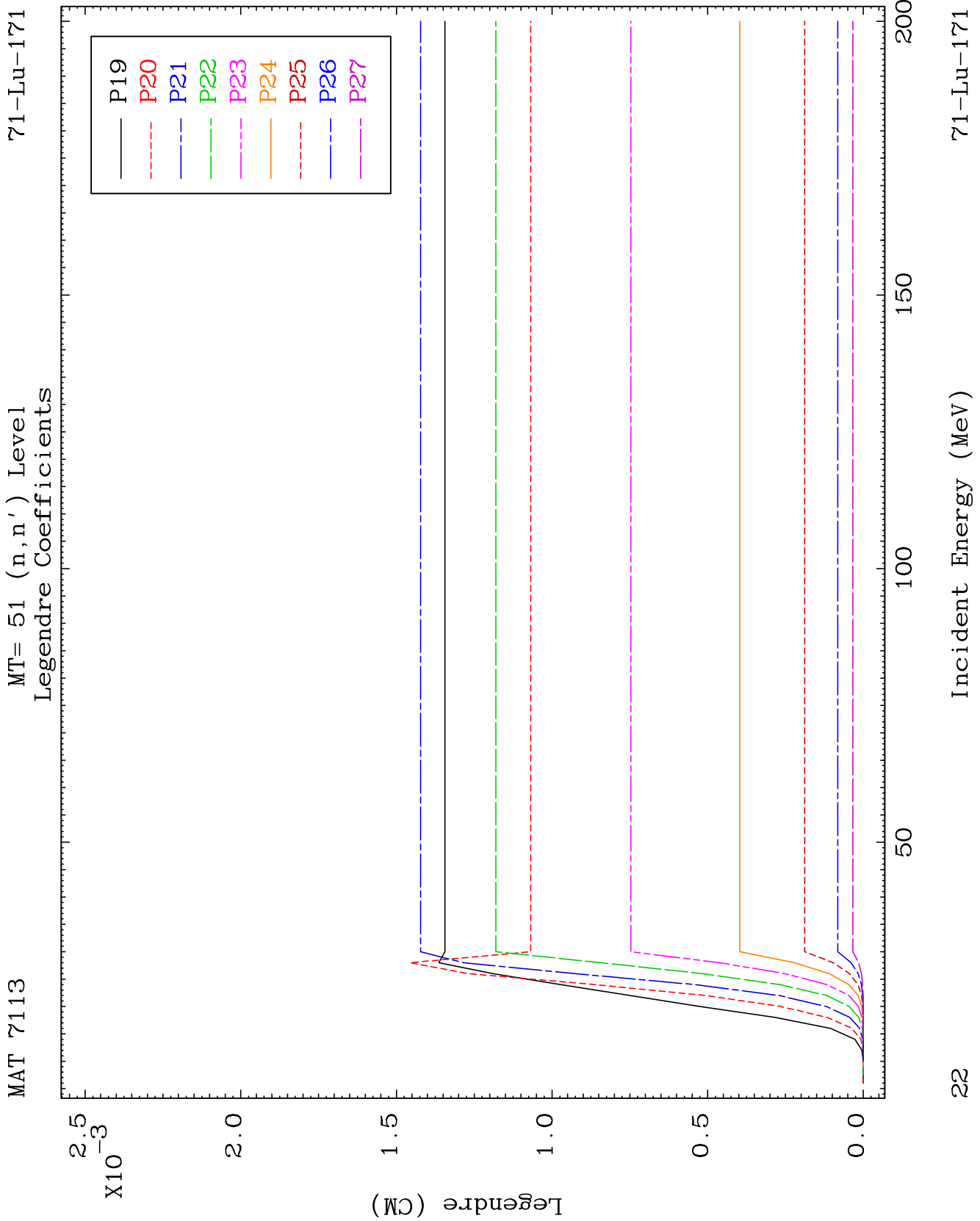
MT= 51 (n,n') Level
Legendre Coefficients

71-Lu-171



21

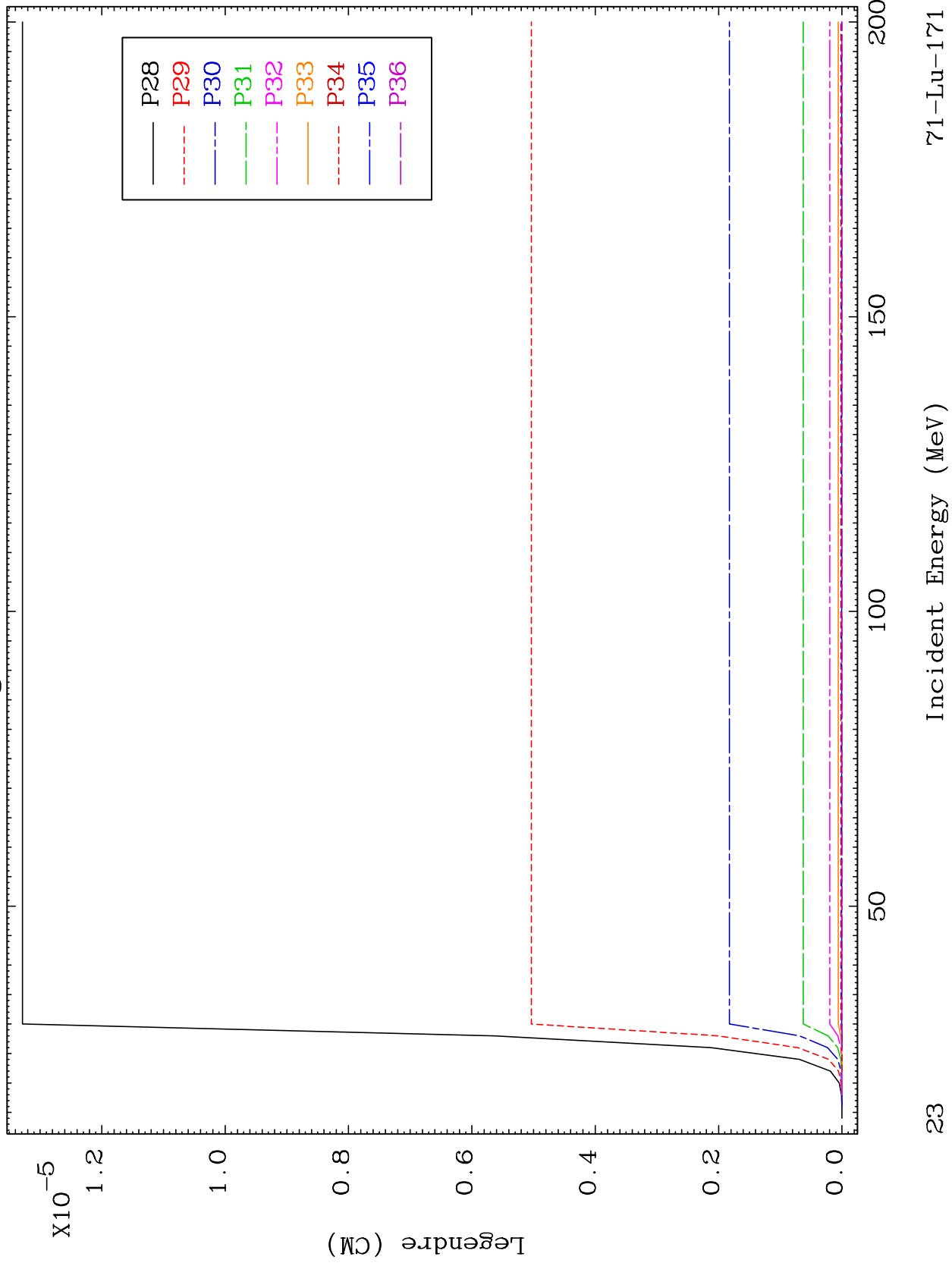
71-Lu-171



MAT 7113

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

71-Lu-171



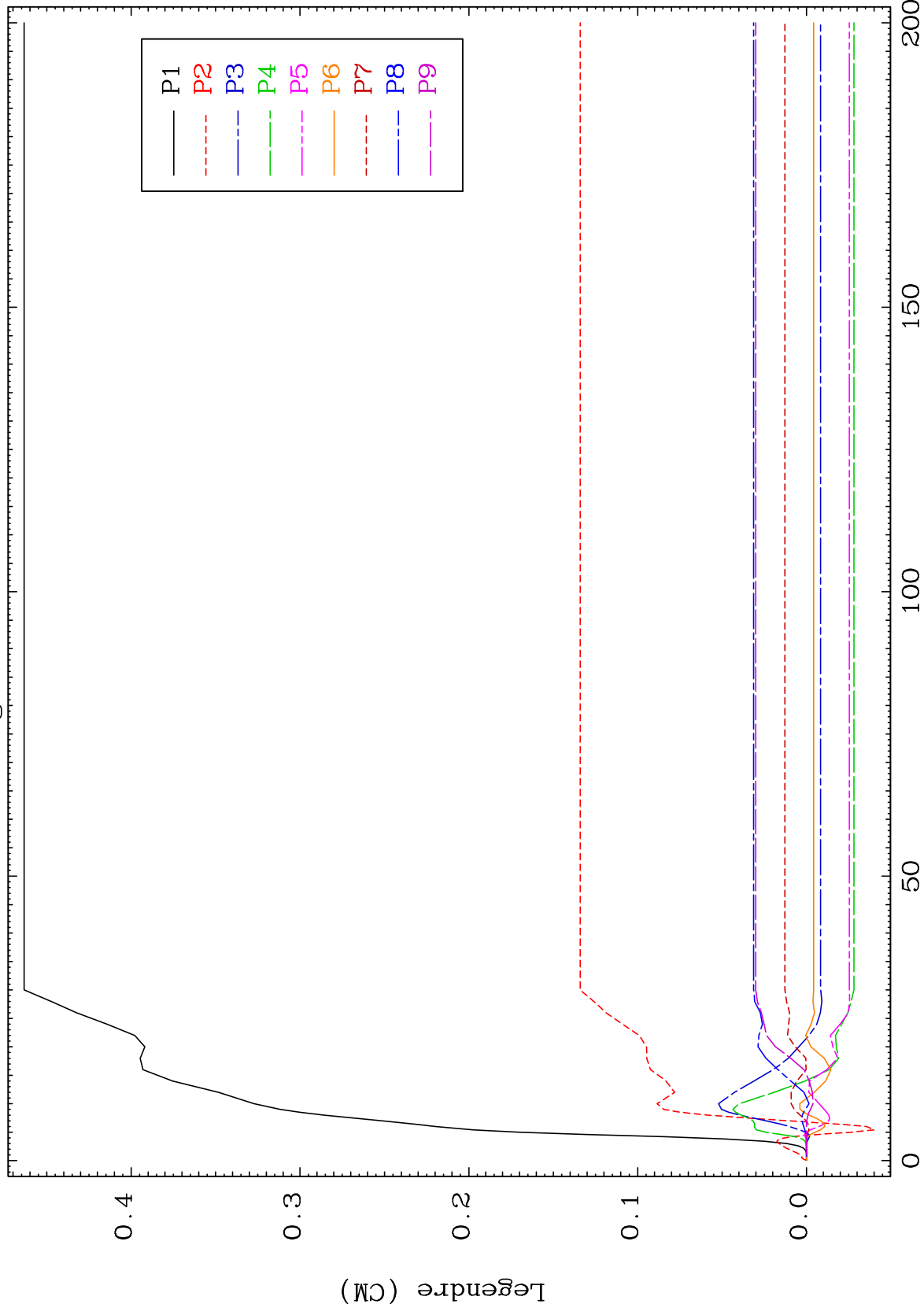
23

71-Lu-171

MAT 7113

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

71-Lu-171



24

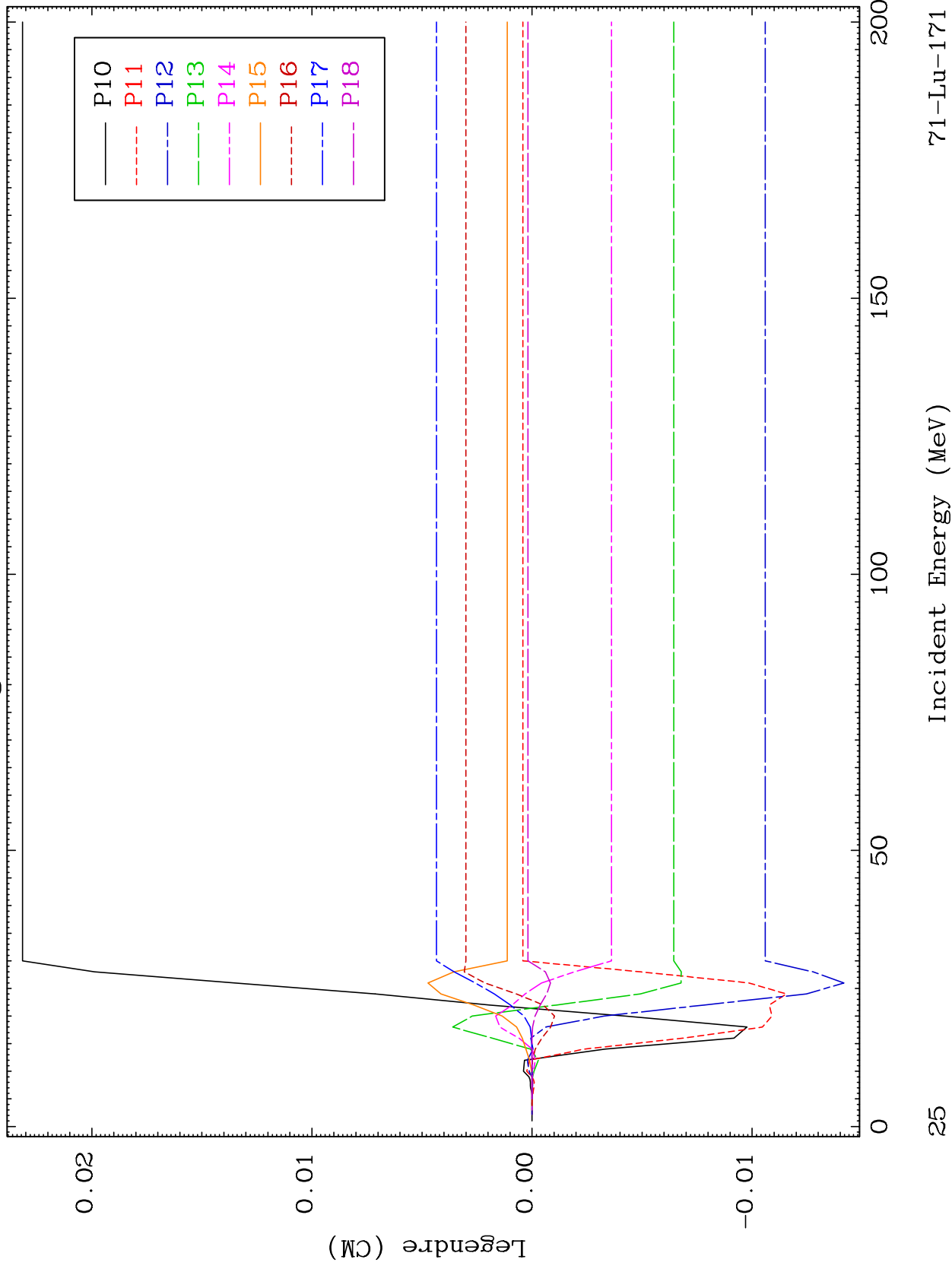
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

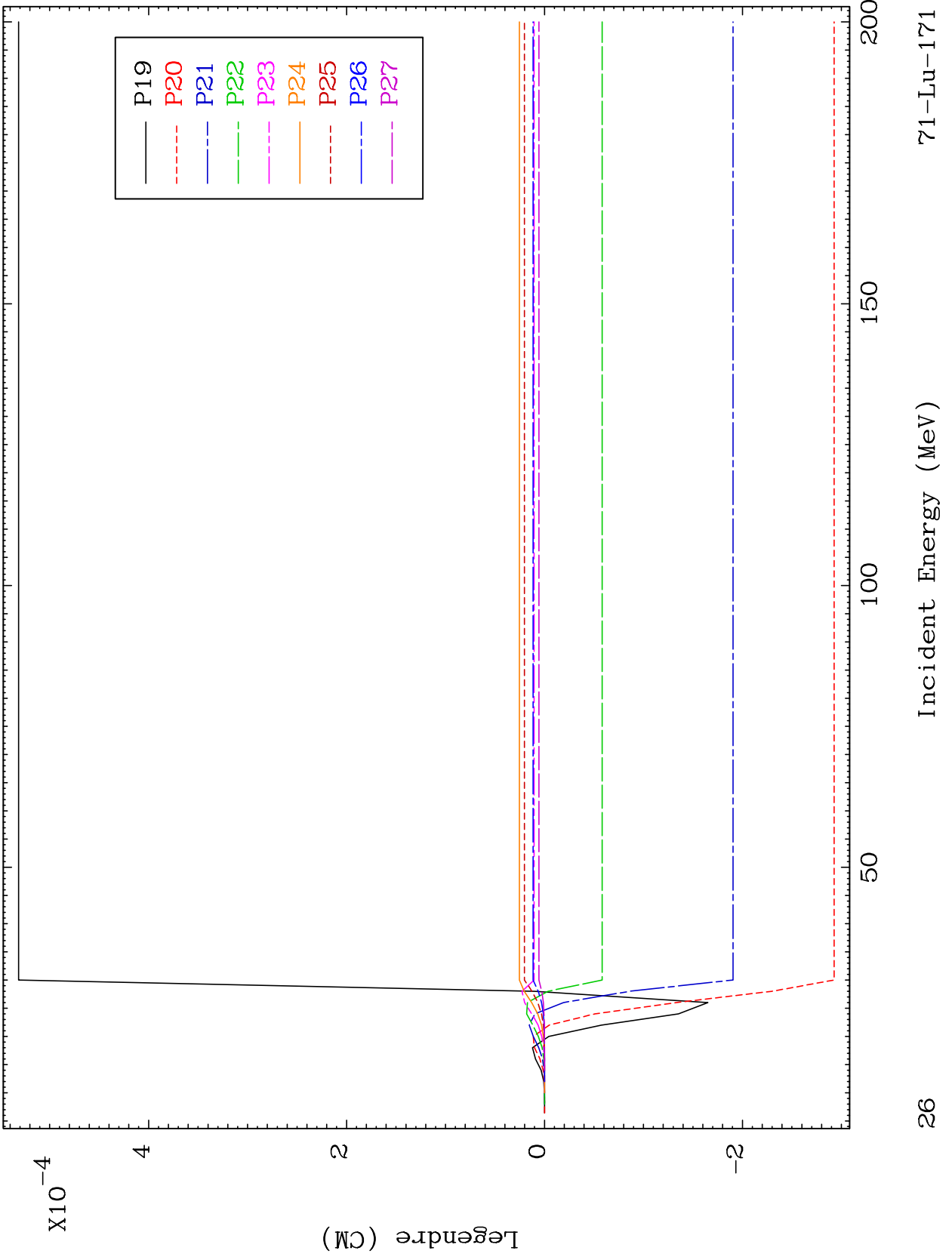
Incident Energy (MeV)

25

MAT 7113

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

71-Lu-171



26

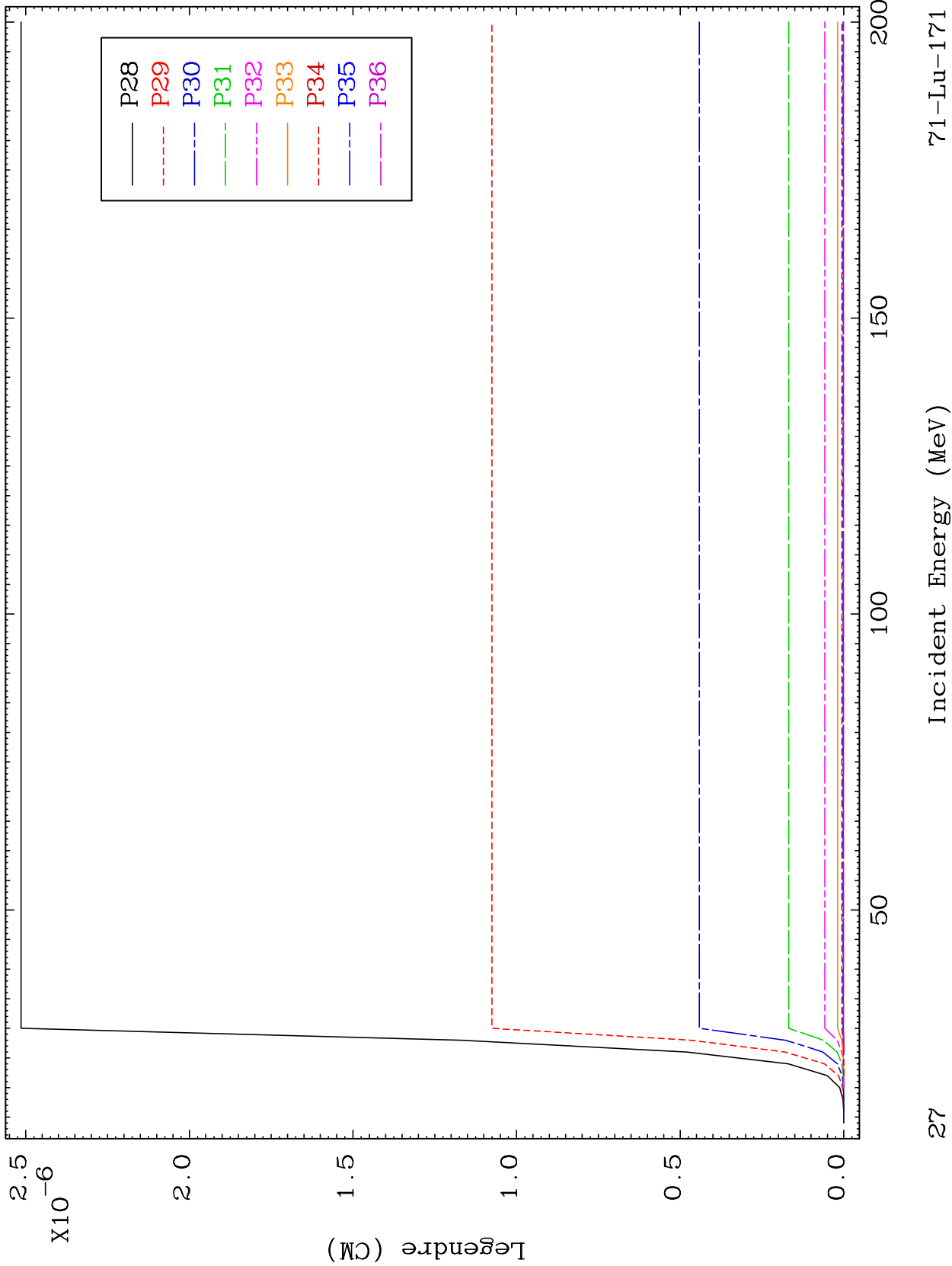
Incident Energy (MeV)

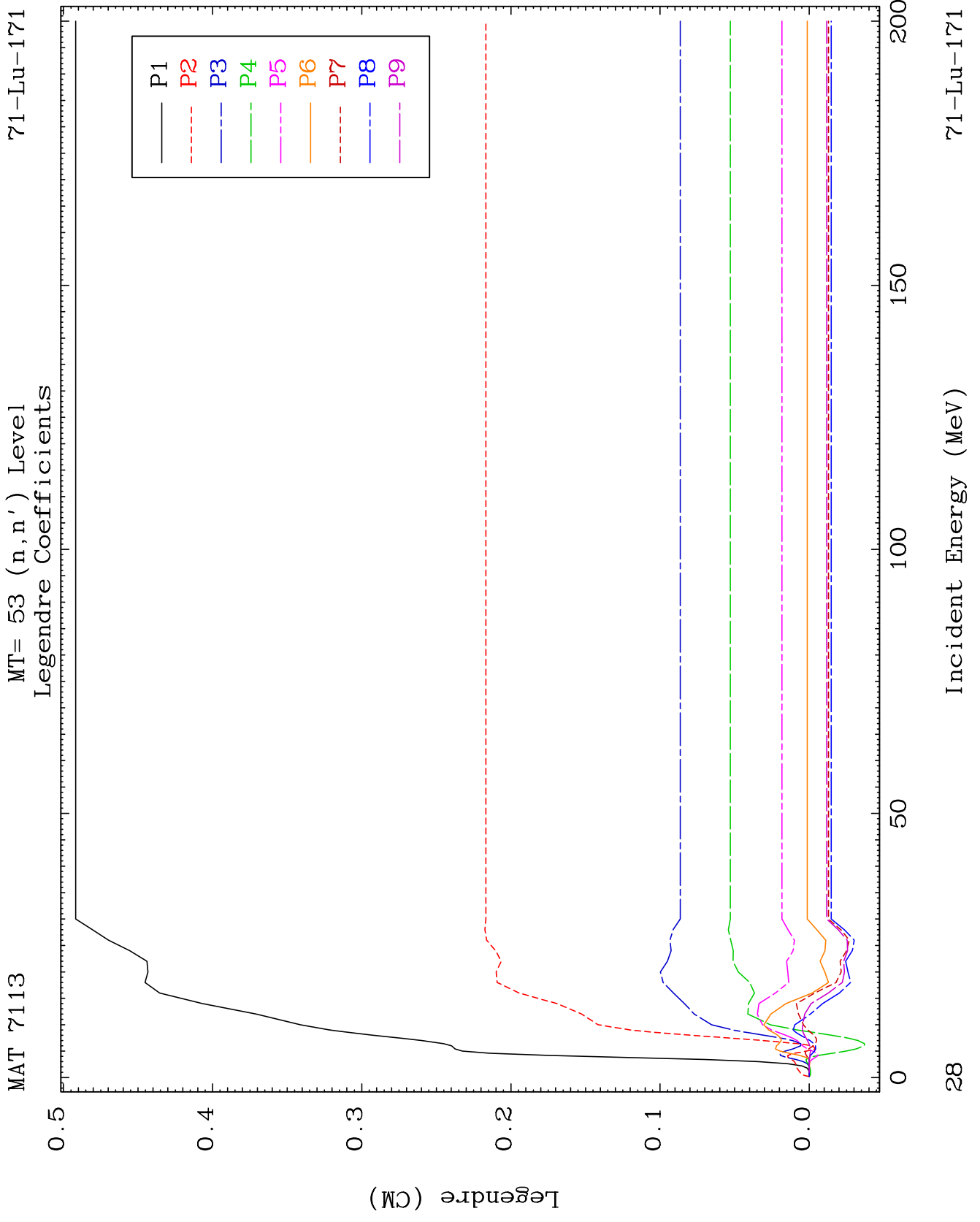
71-Lu-171

MAT 7113

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

71-Lu-171

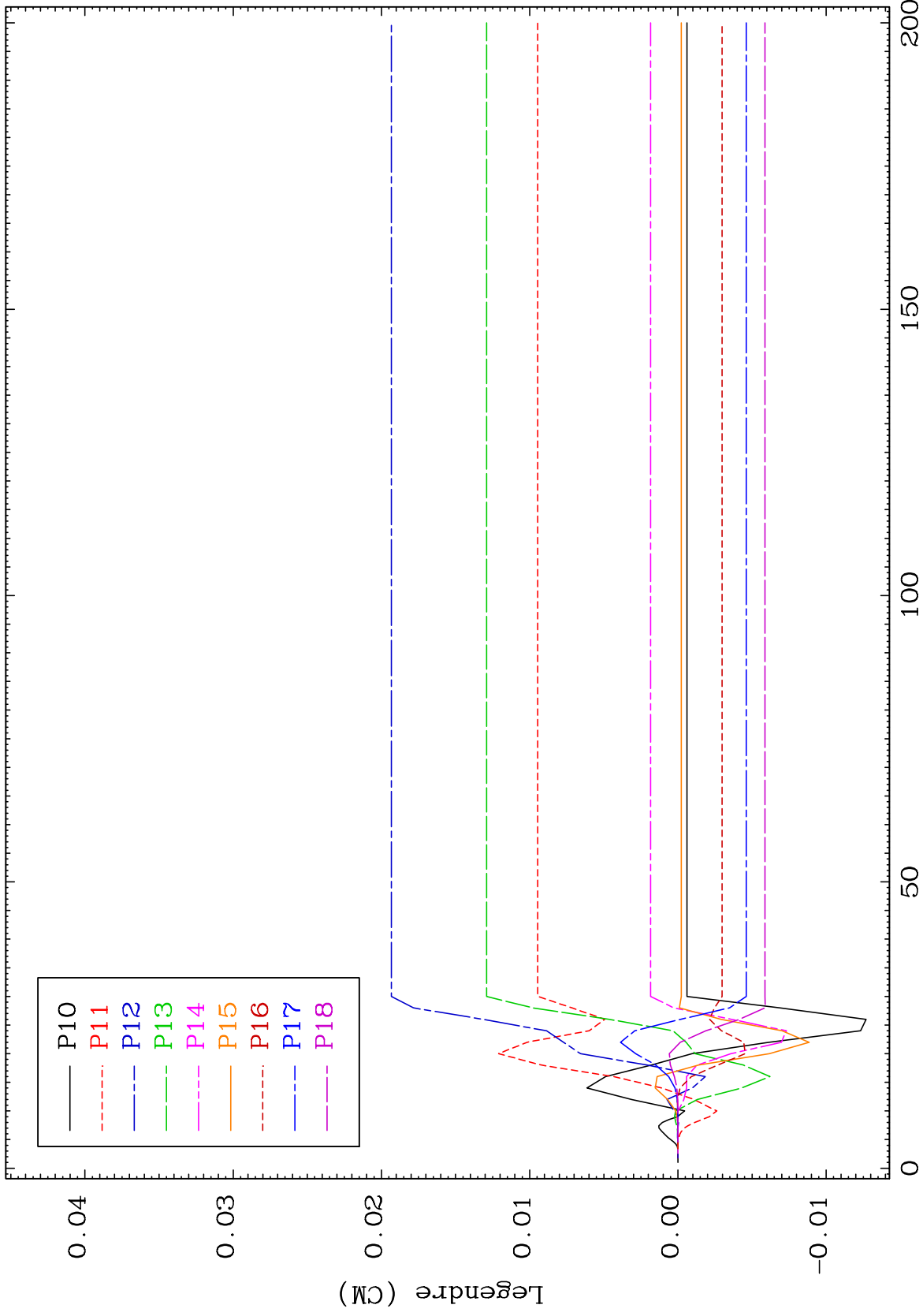


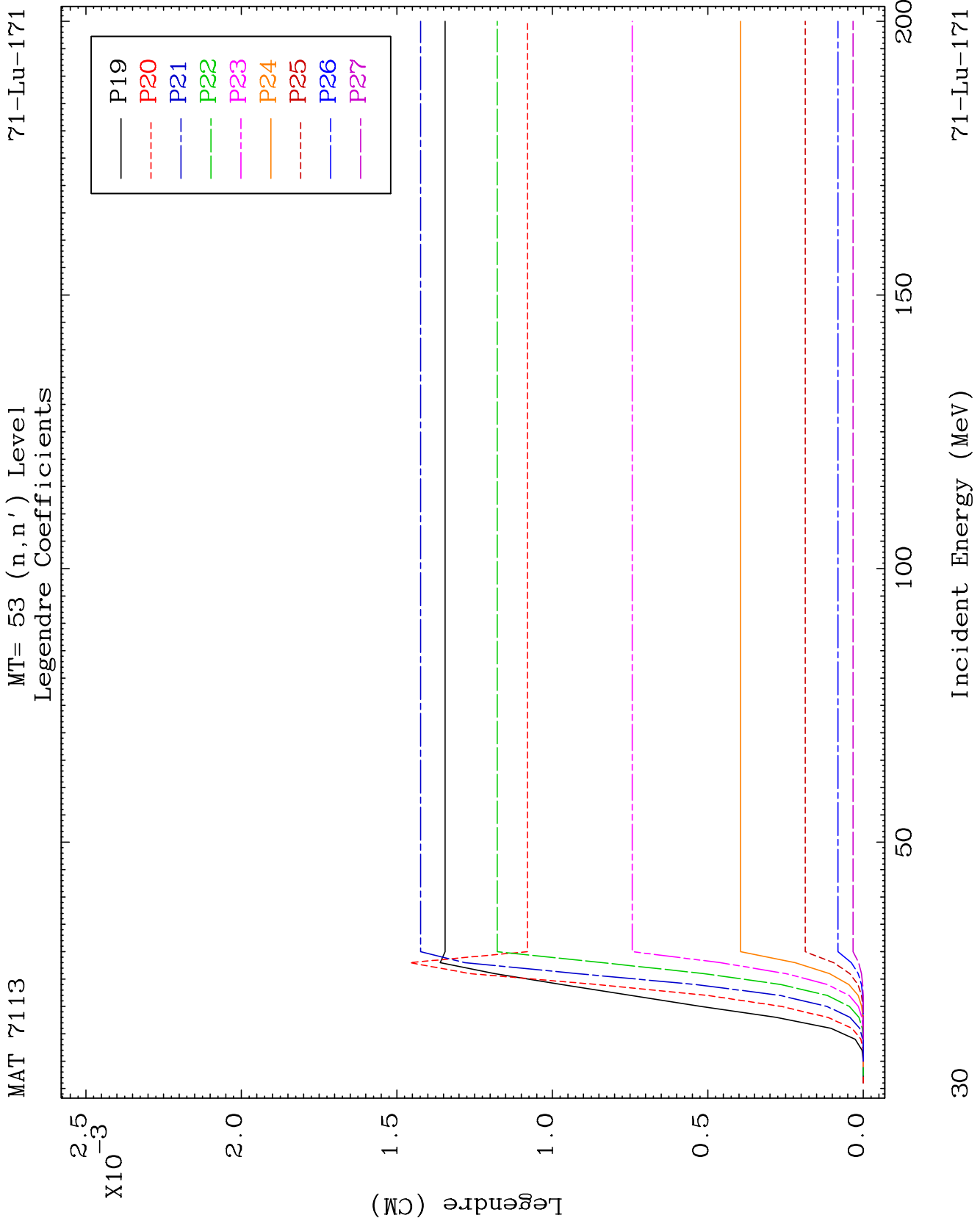


MAT 7113

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

71-Lu-171

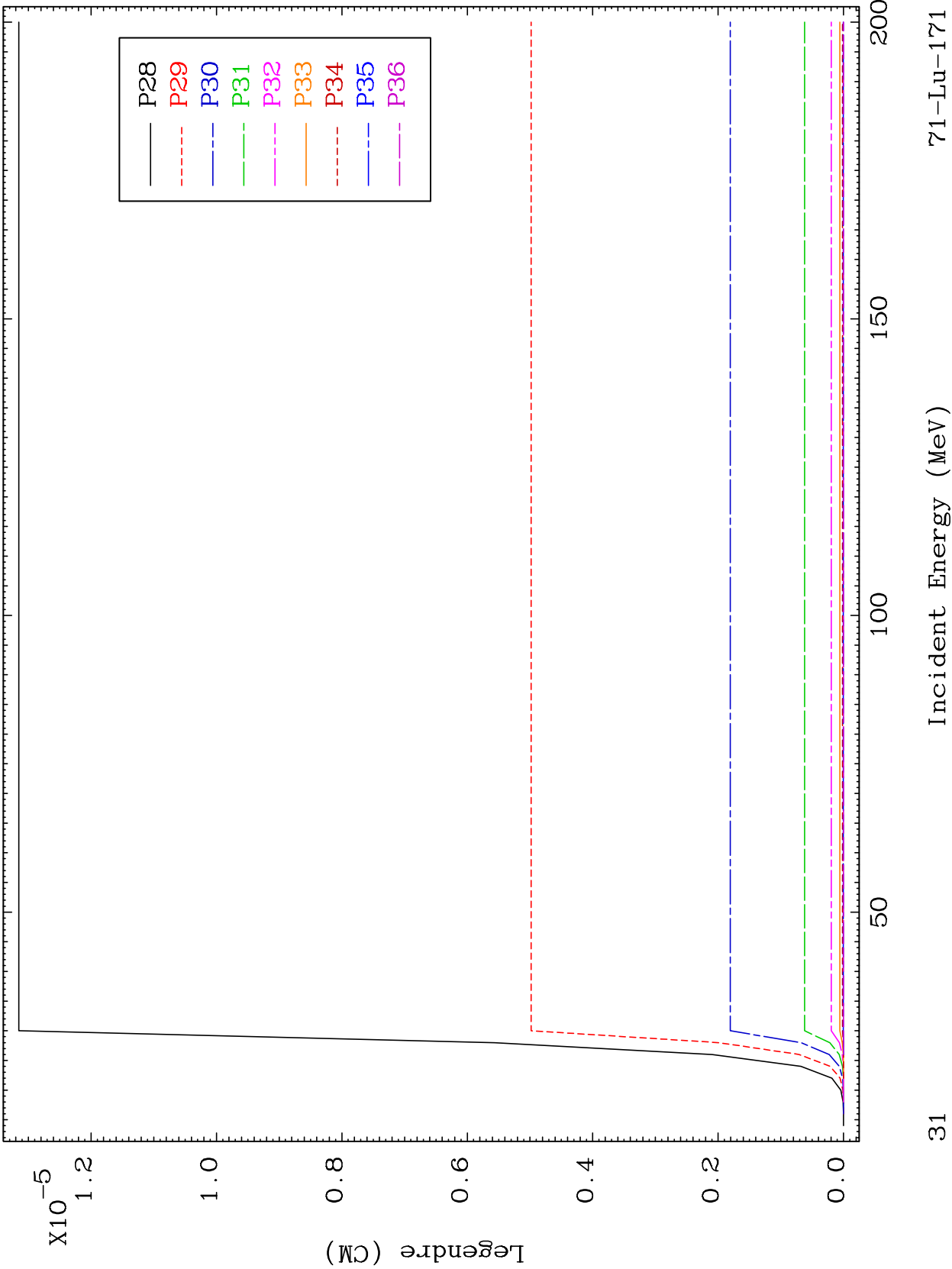




MAT 7113

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

71-Lu-171



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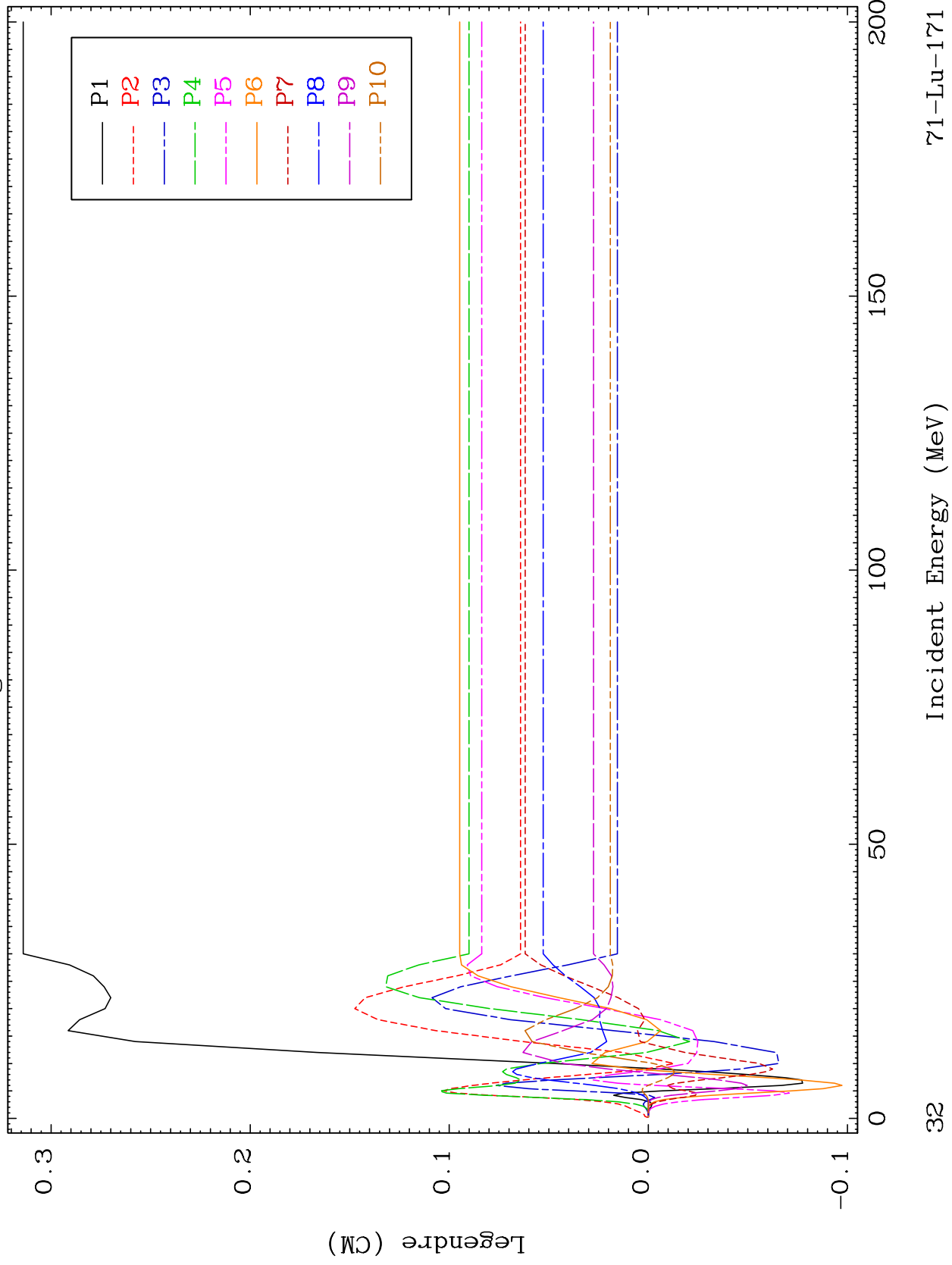
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

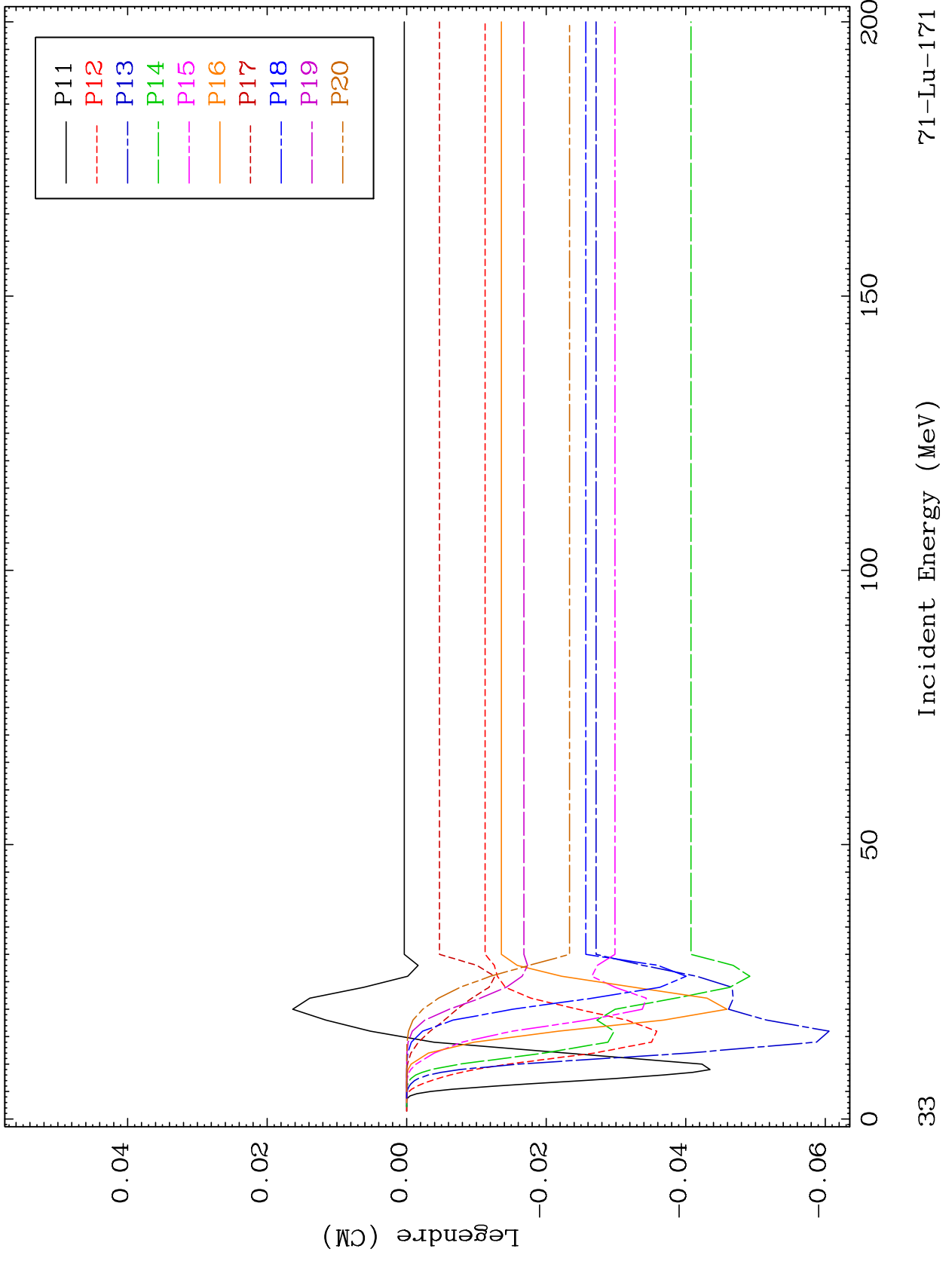
Incident Energy (MeV)

32

MAT 7113

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

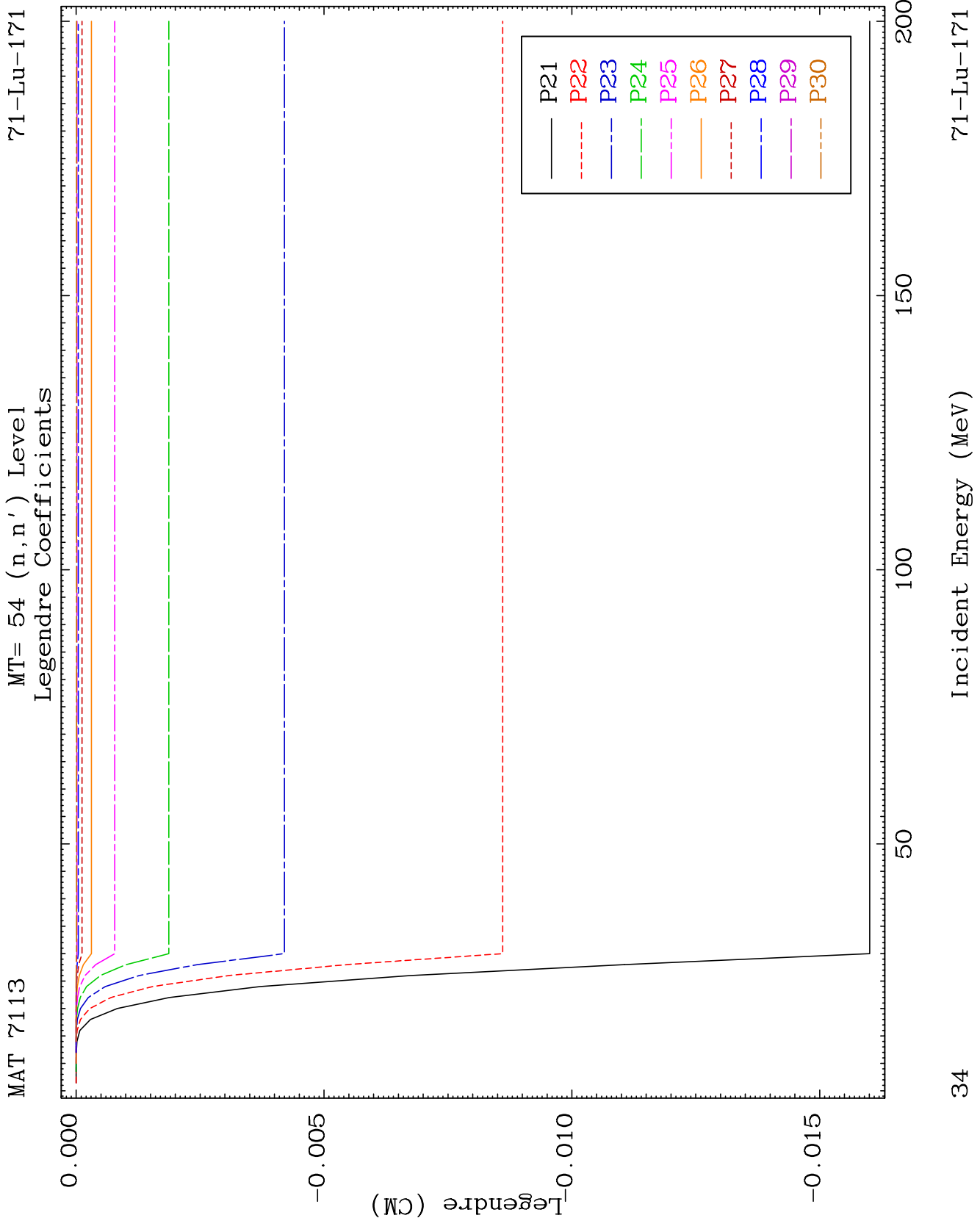
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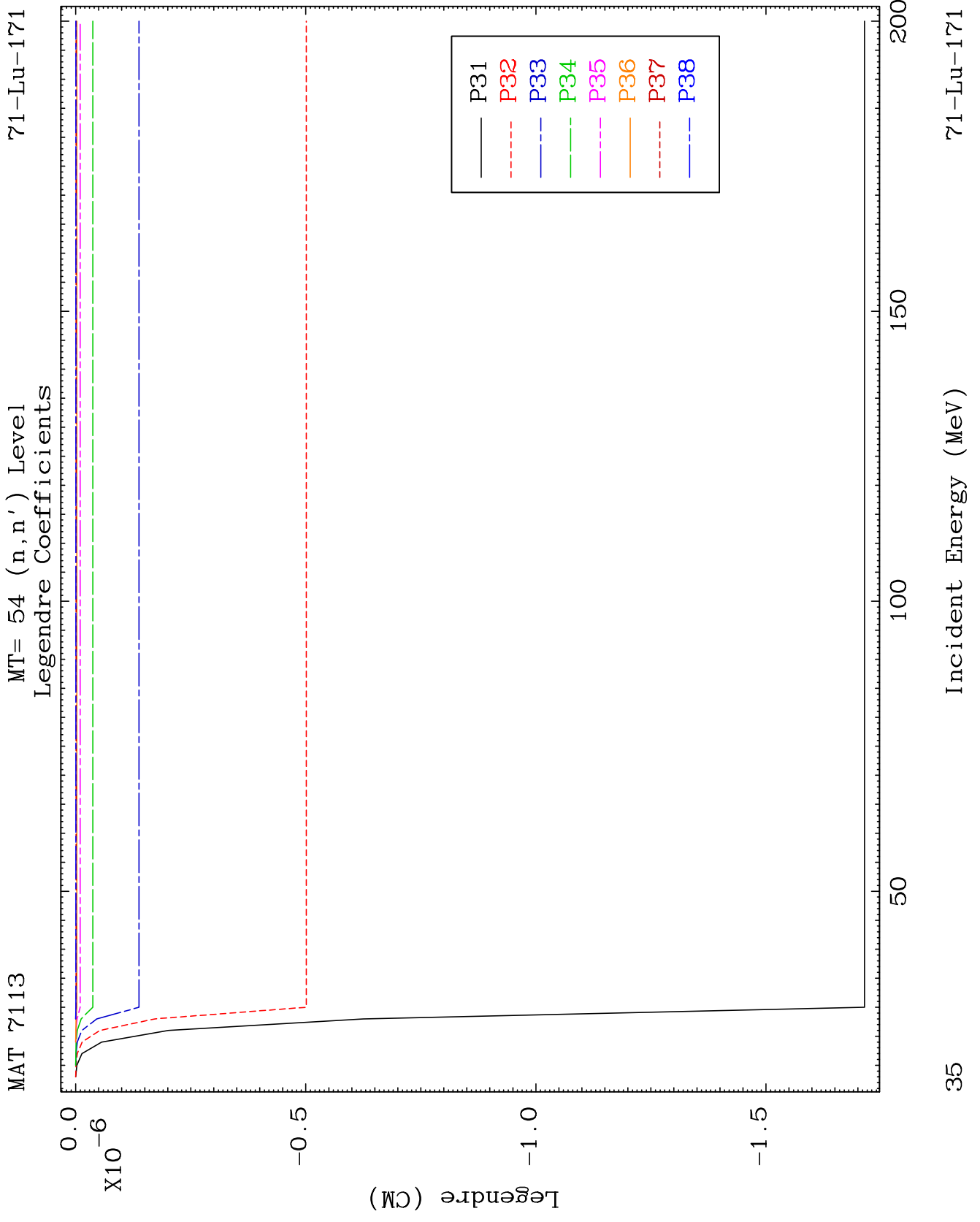


33

Incident Energy (MeV)

71-Lu-171

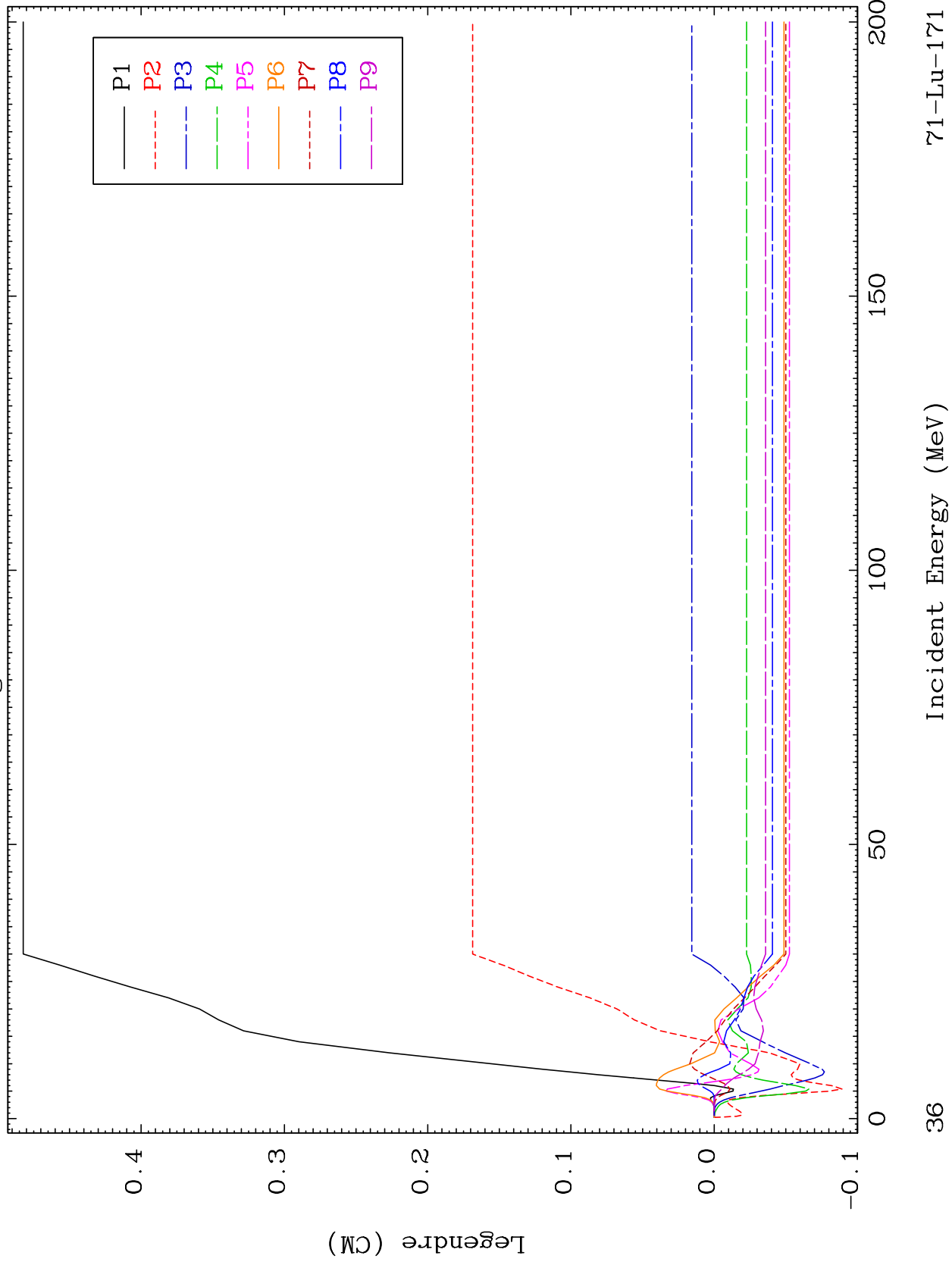




MAT 7113

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

71-Lu-171



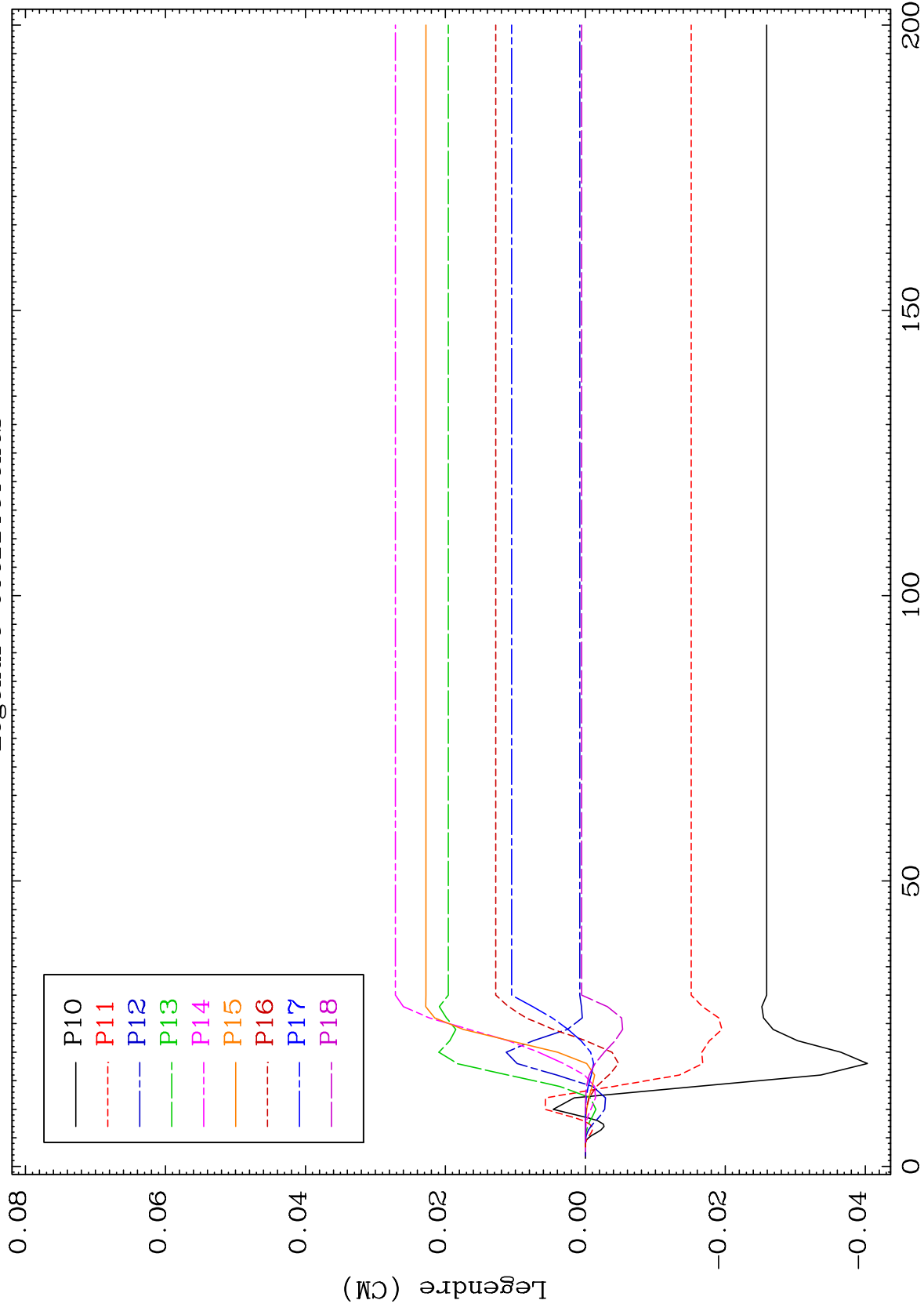
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71-Lu-171

MAT 7113

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

71-Lu-171



37

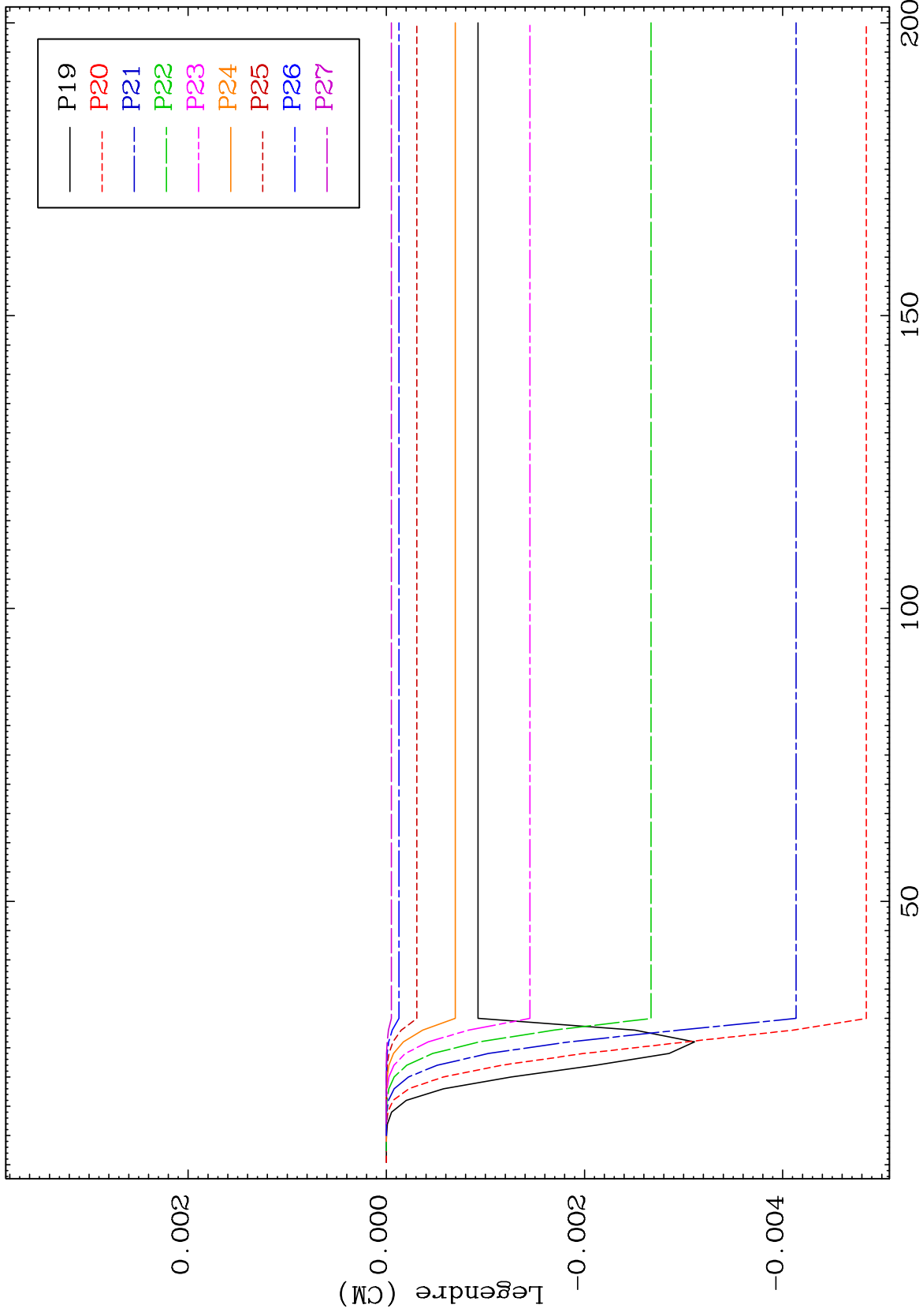
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

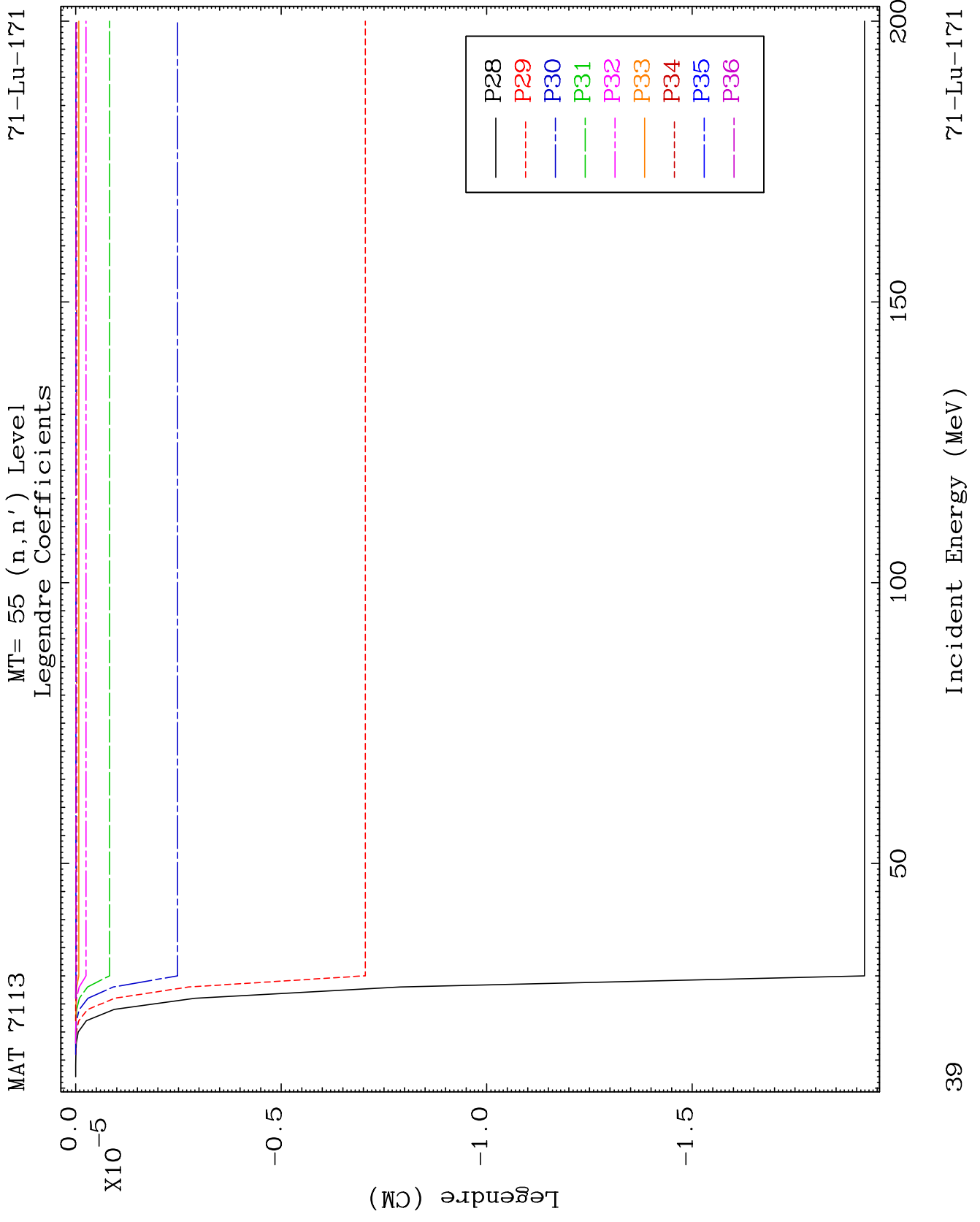
71-Lu-171



38

Incident Energy (MeV)

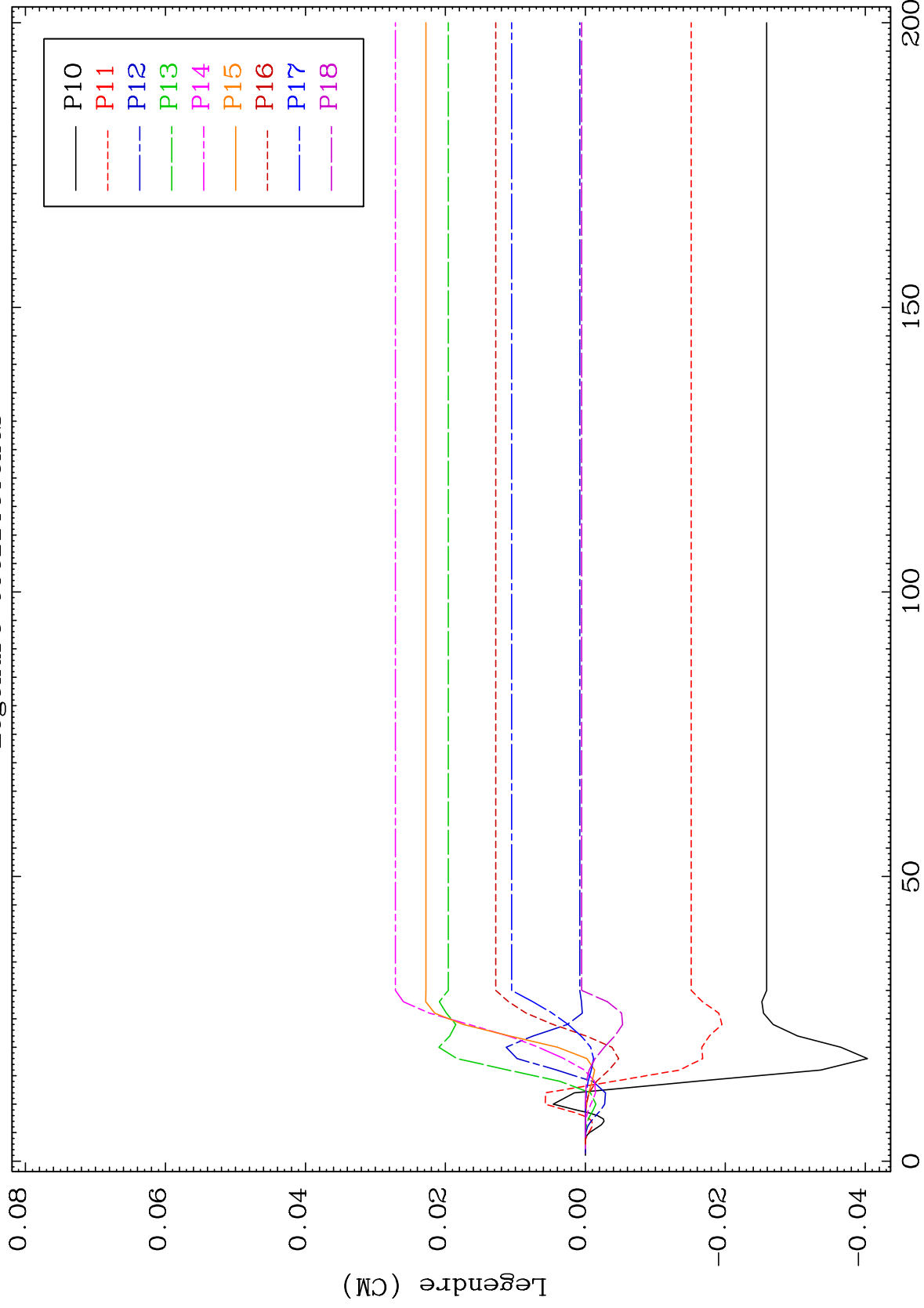
71-Lu-171



MAT 7113

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

71-Lu-171



41

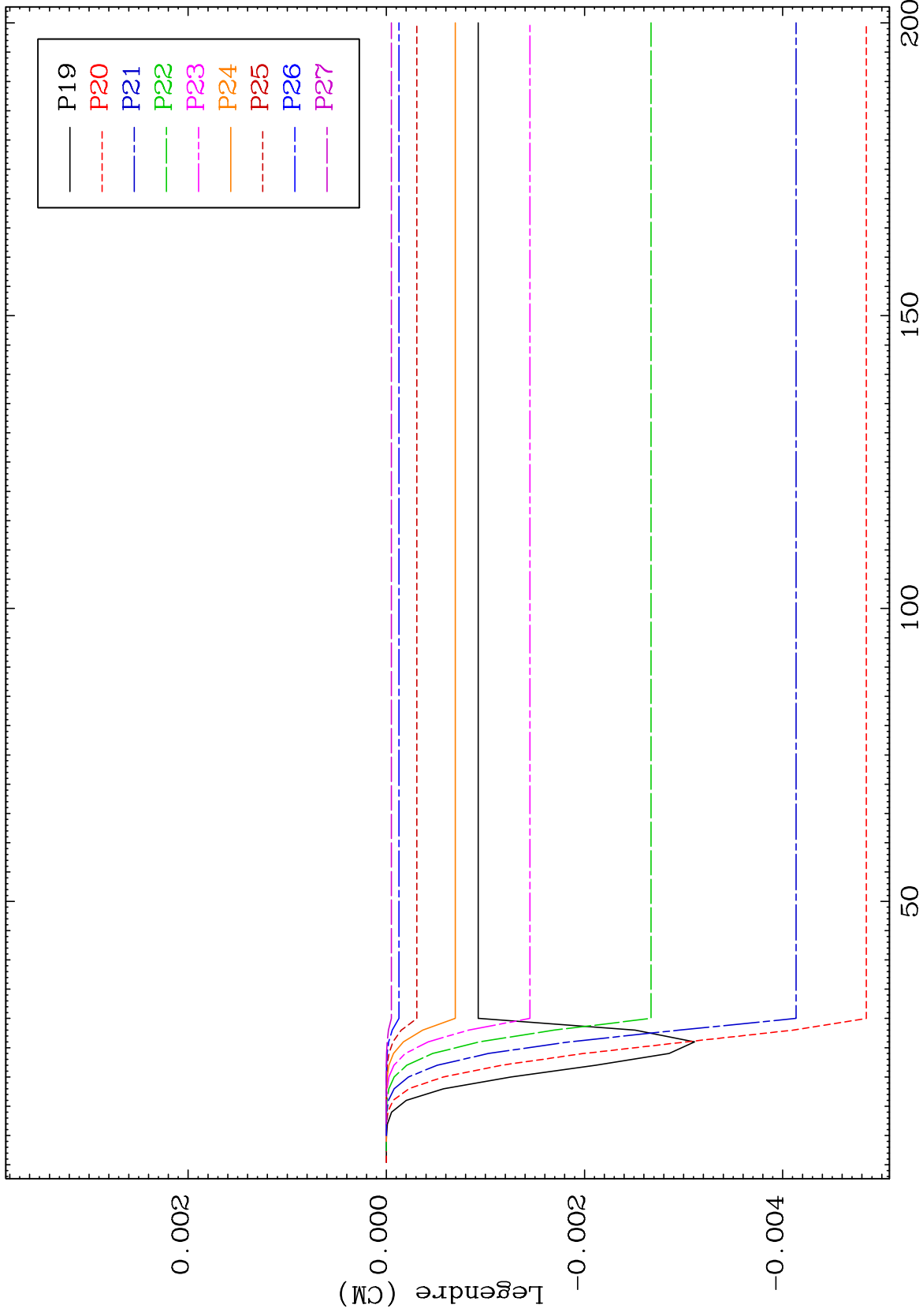
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

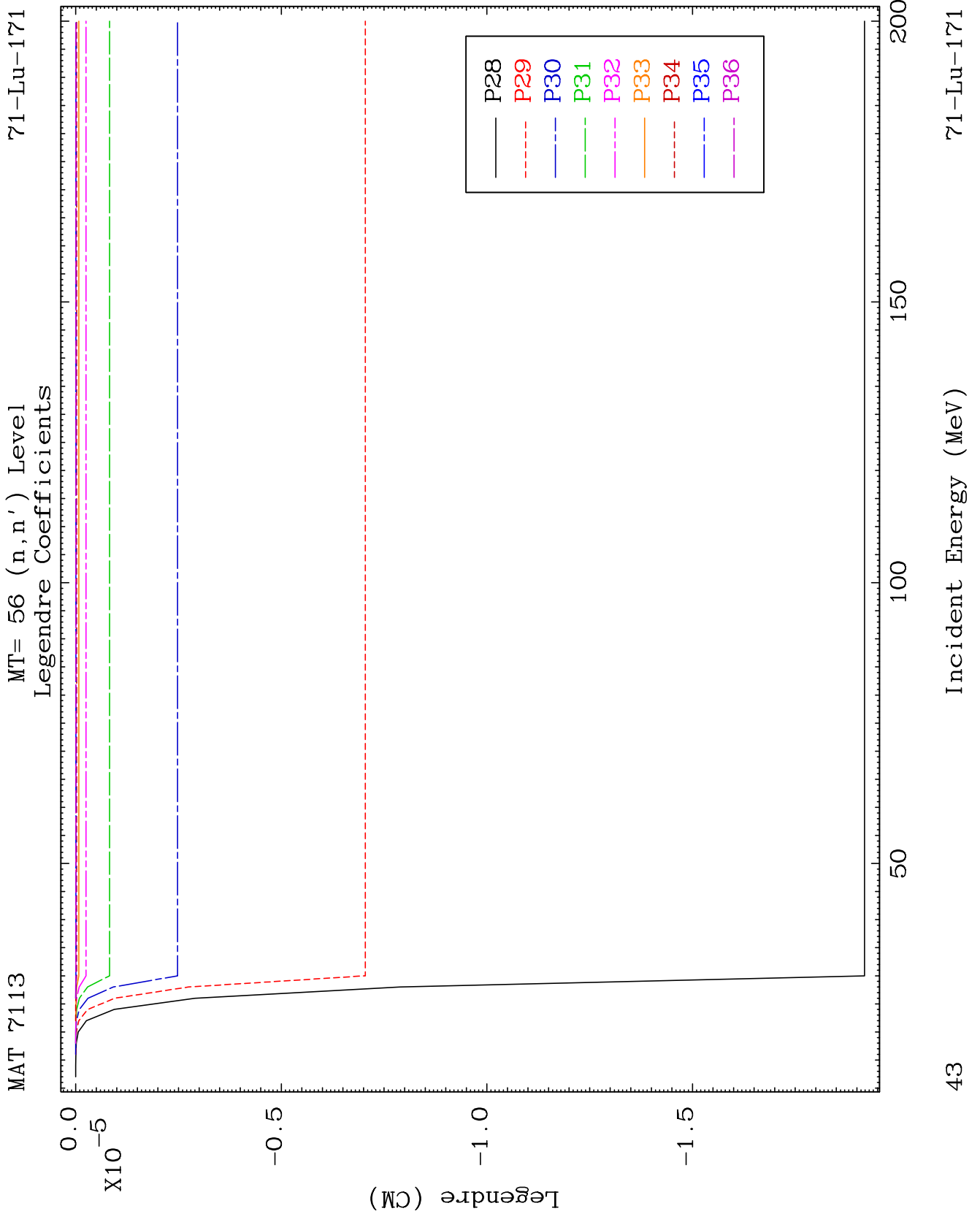
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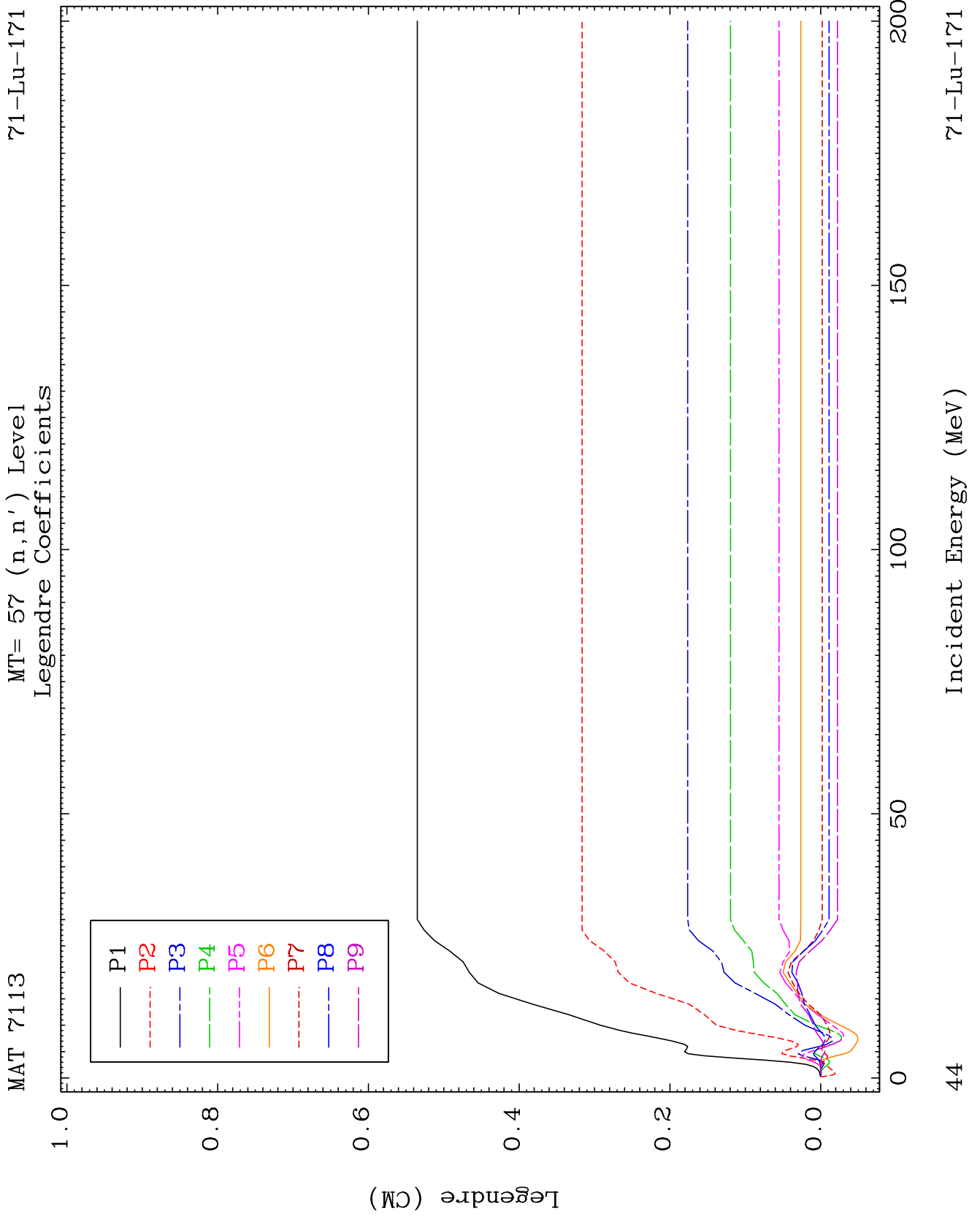


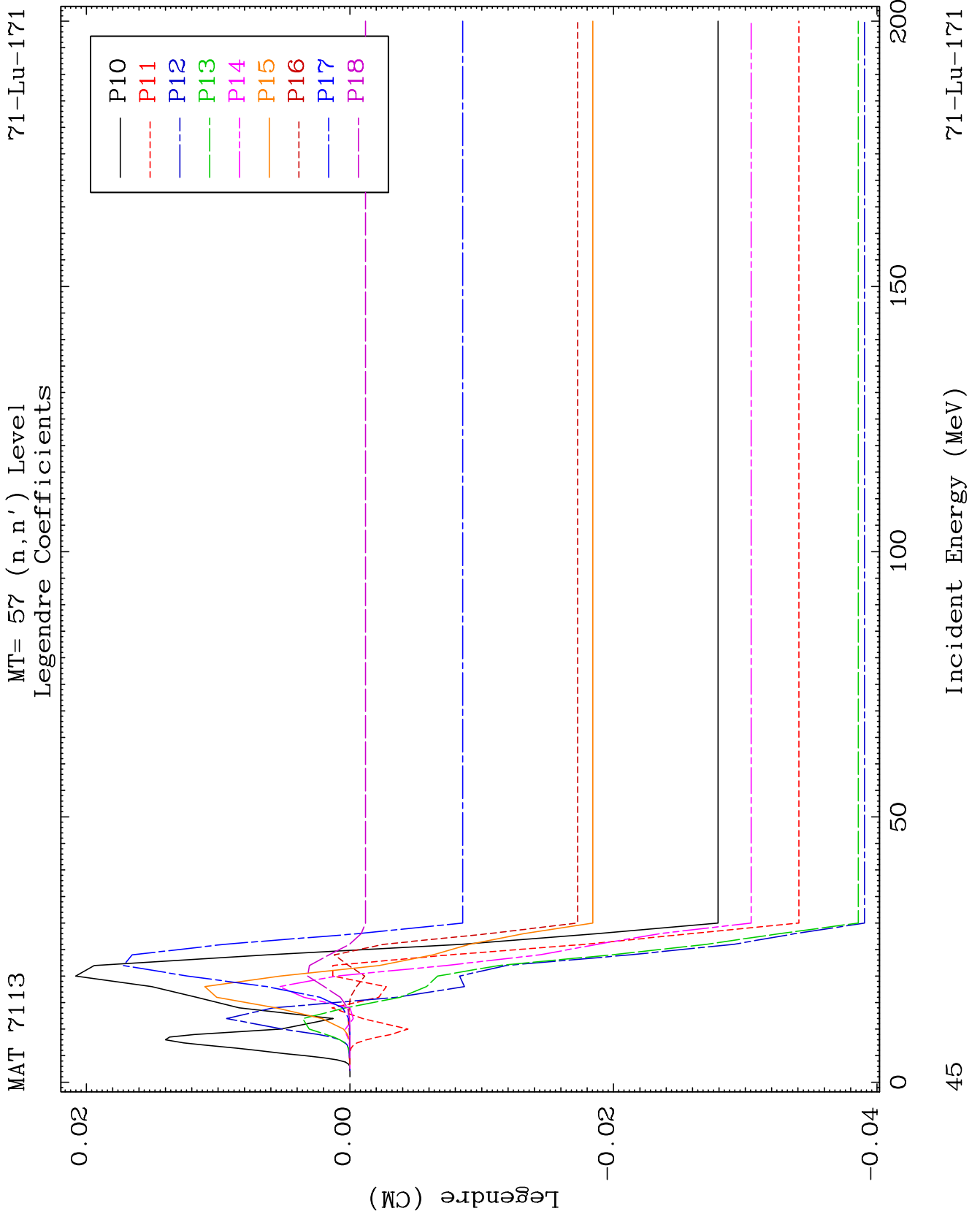
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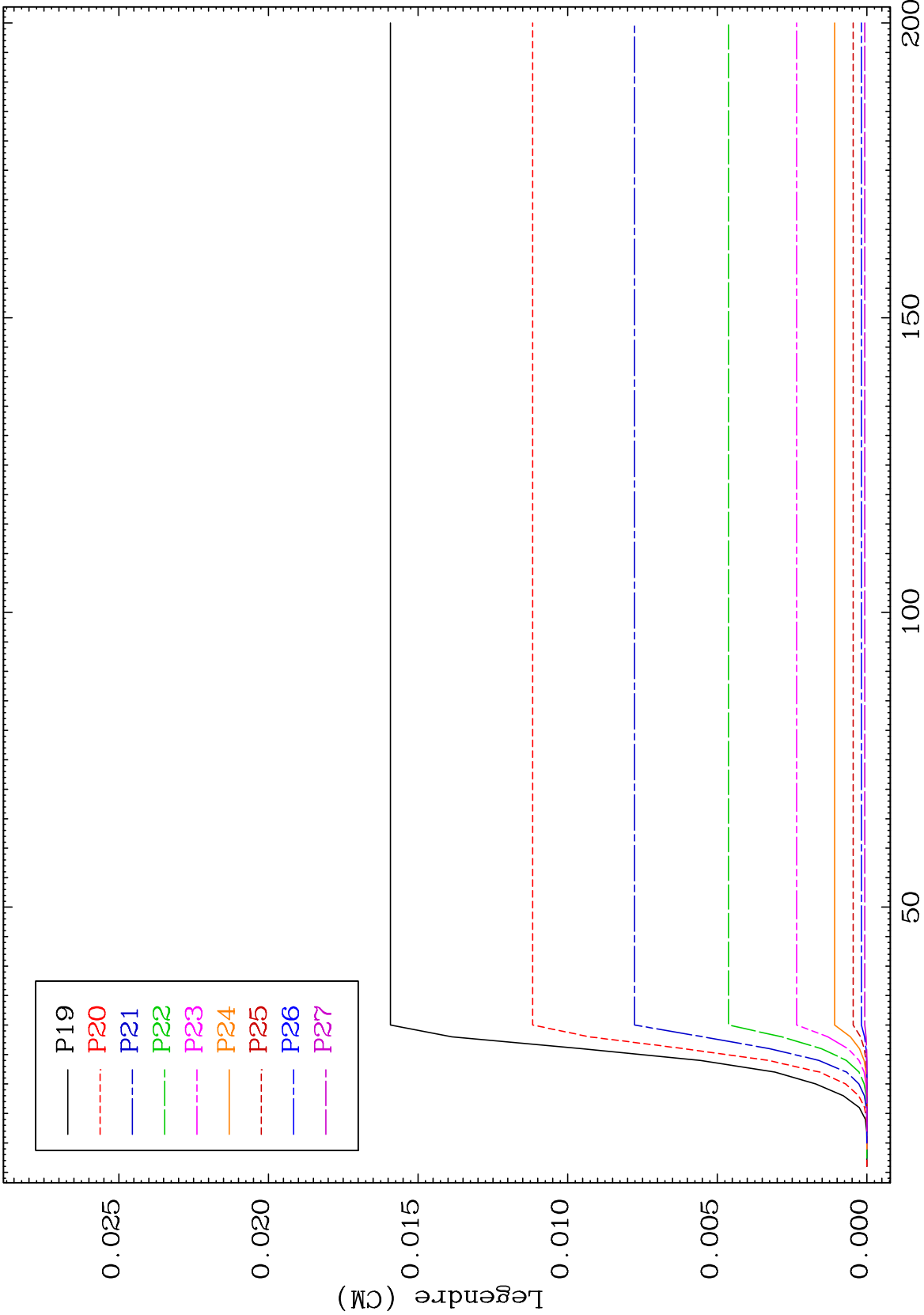
Incident Energy (MeV)

71-Lu-171





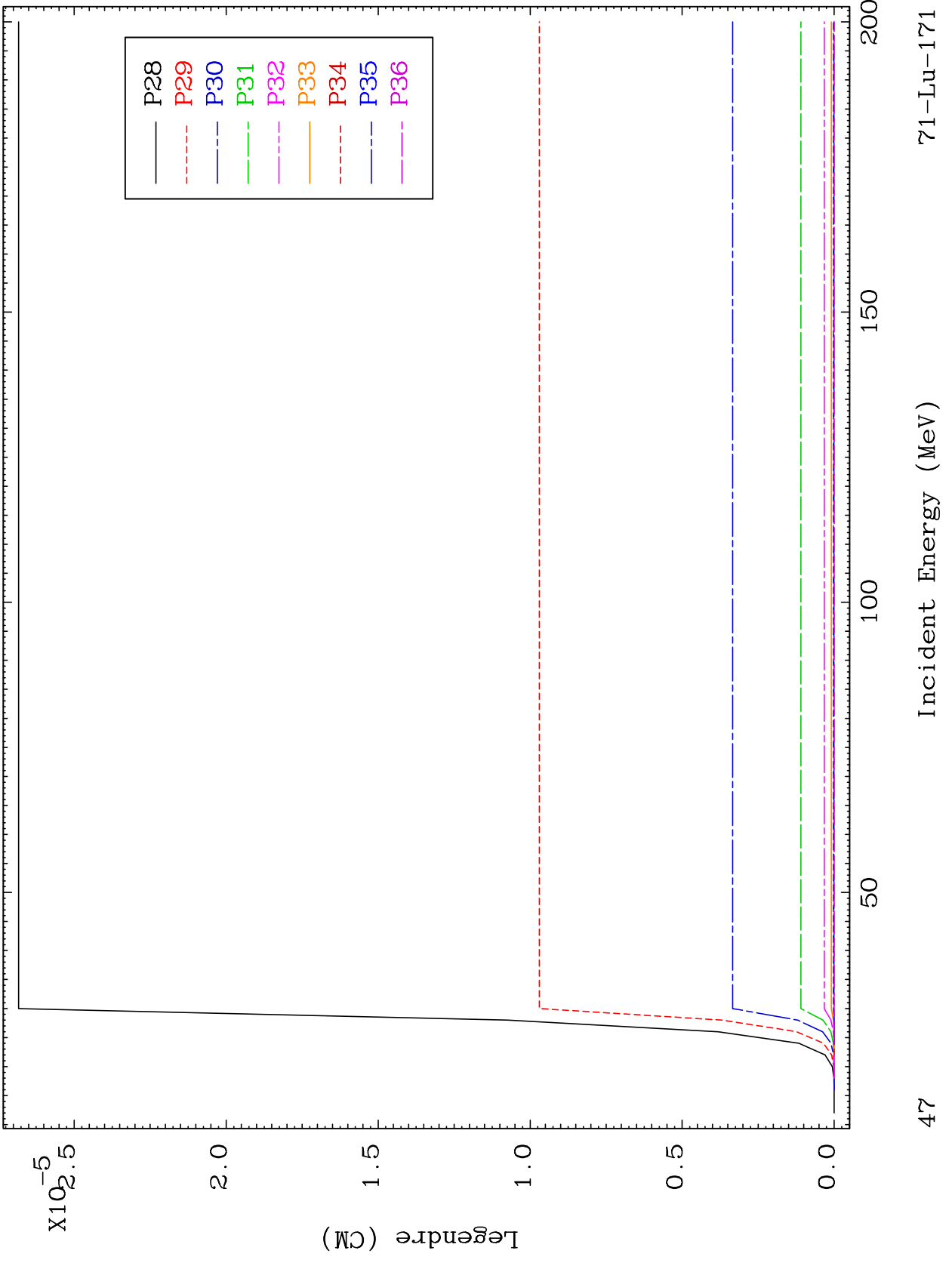




MAT 7113

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

71-Lu-171



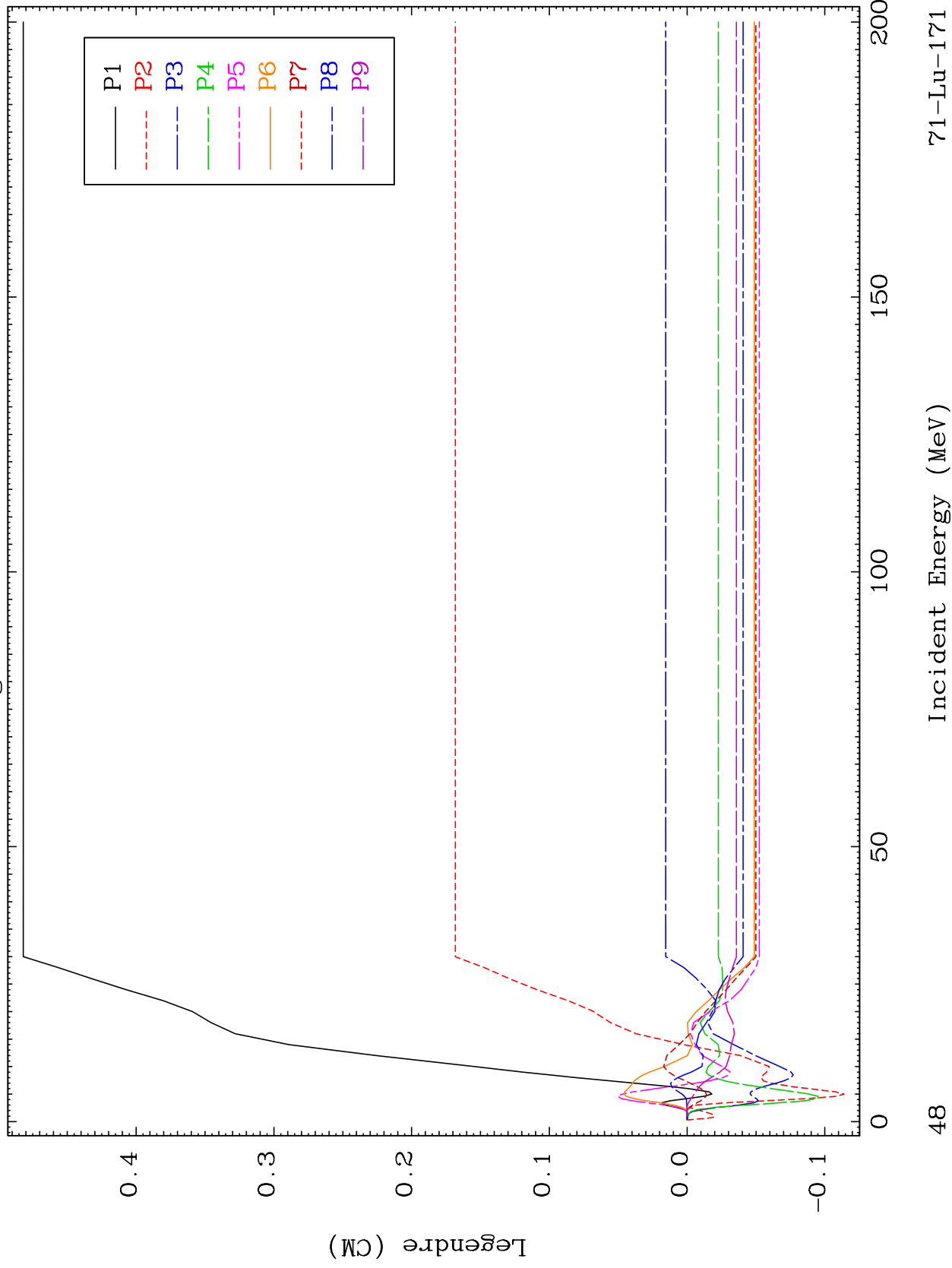
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71-Lu-171

MAT 7113

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

71-Lu-171



48

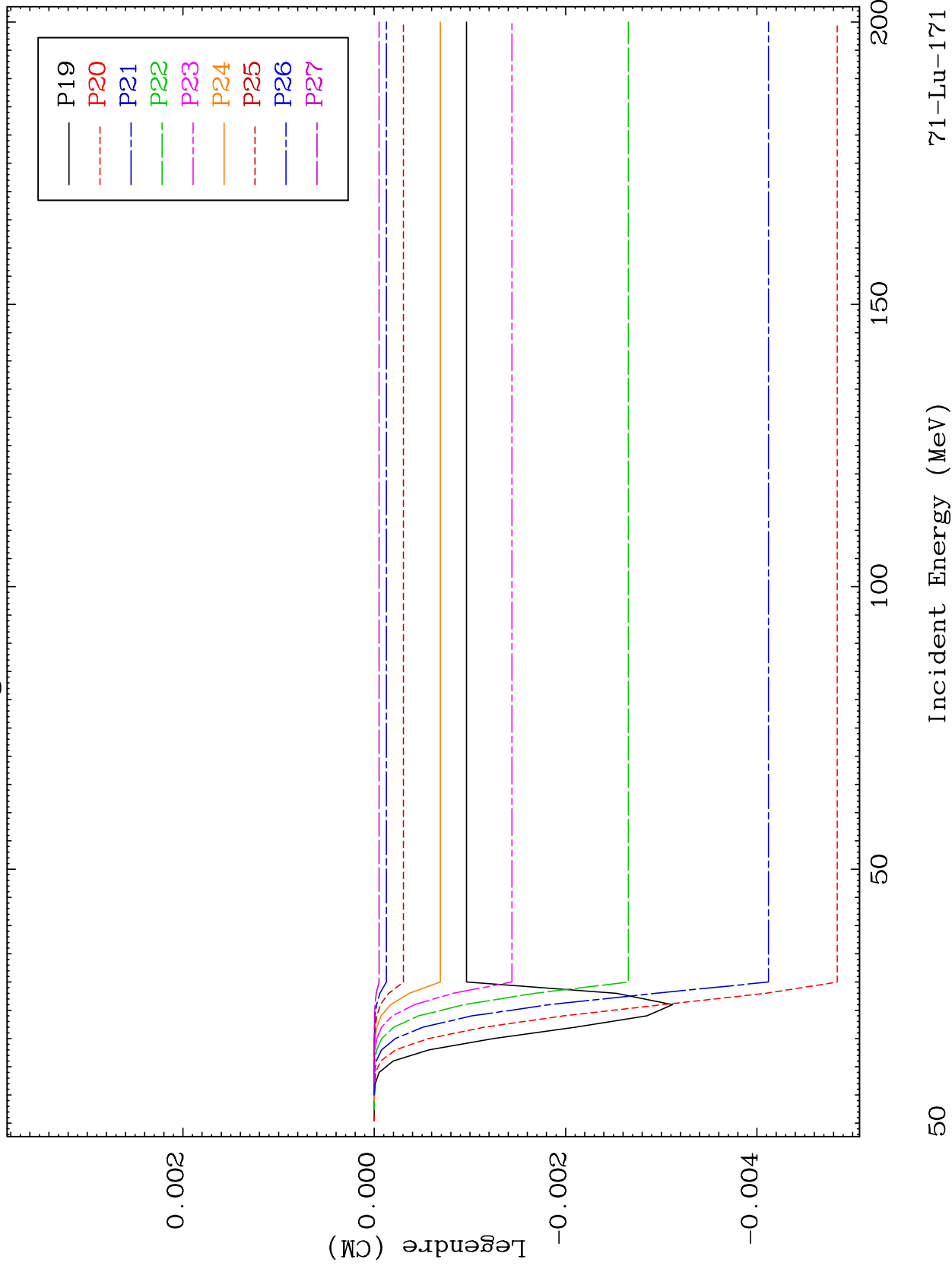
Incident Energy (MeV)

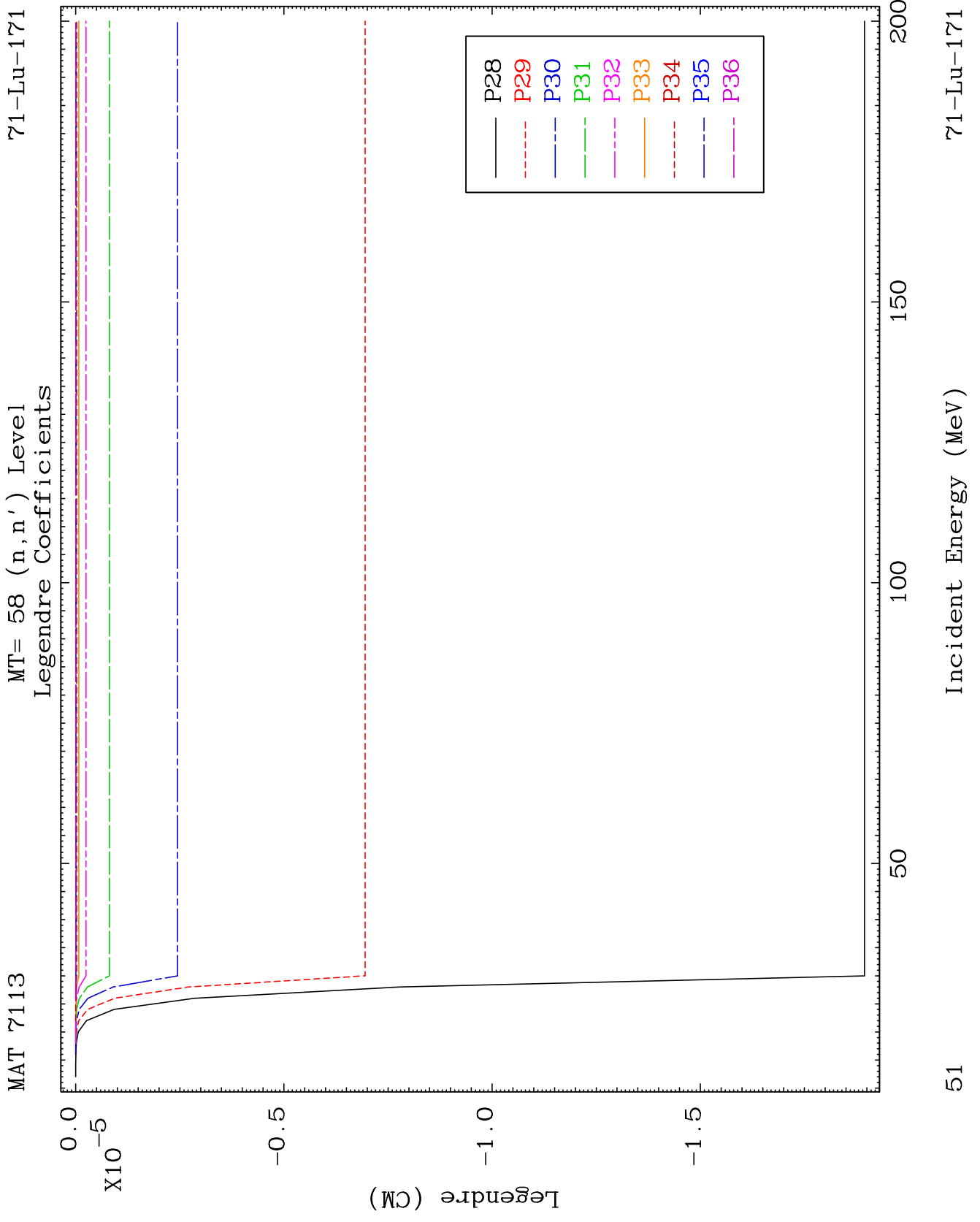
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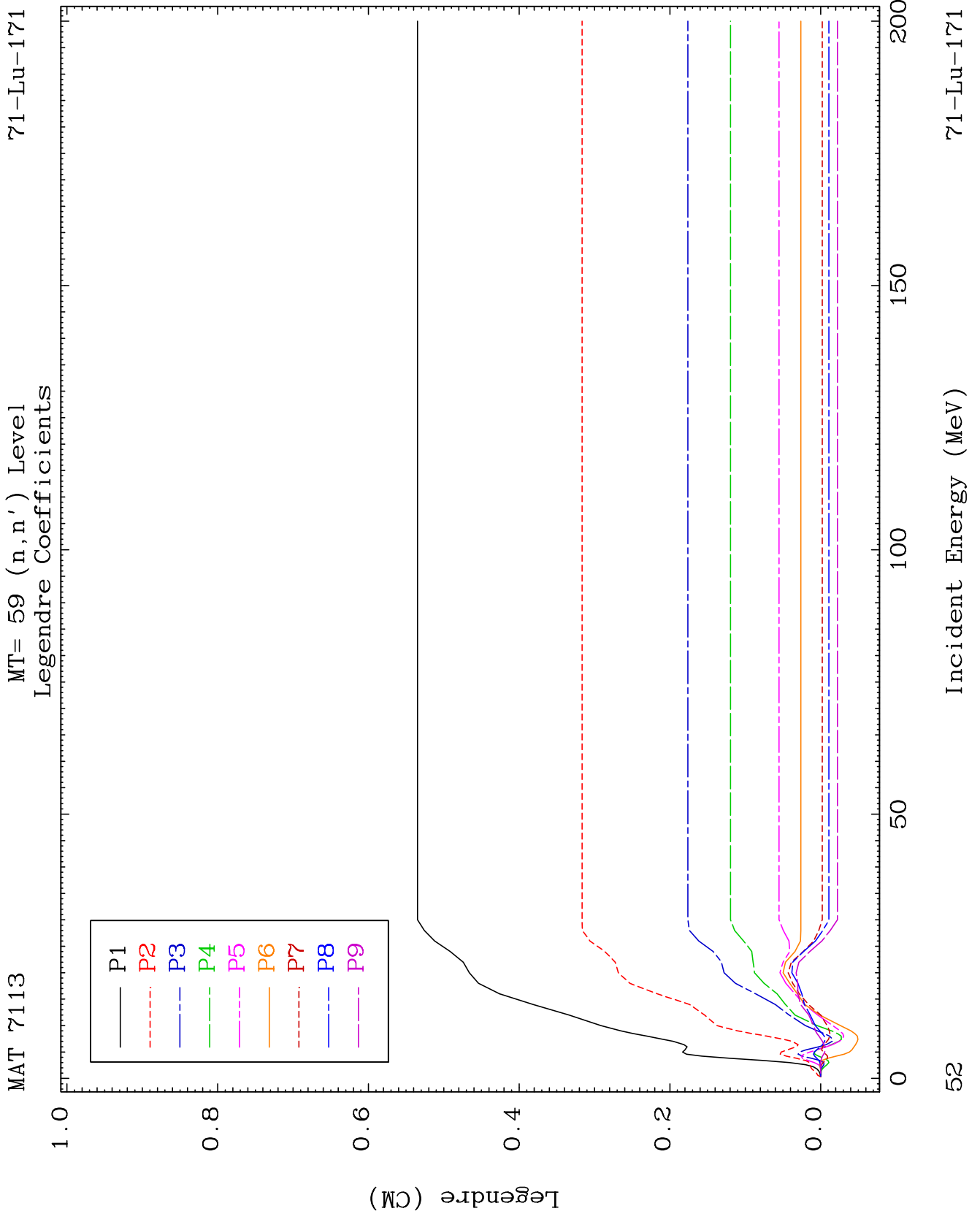
MAT 7113

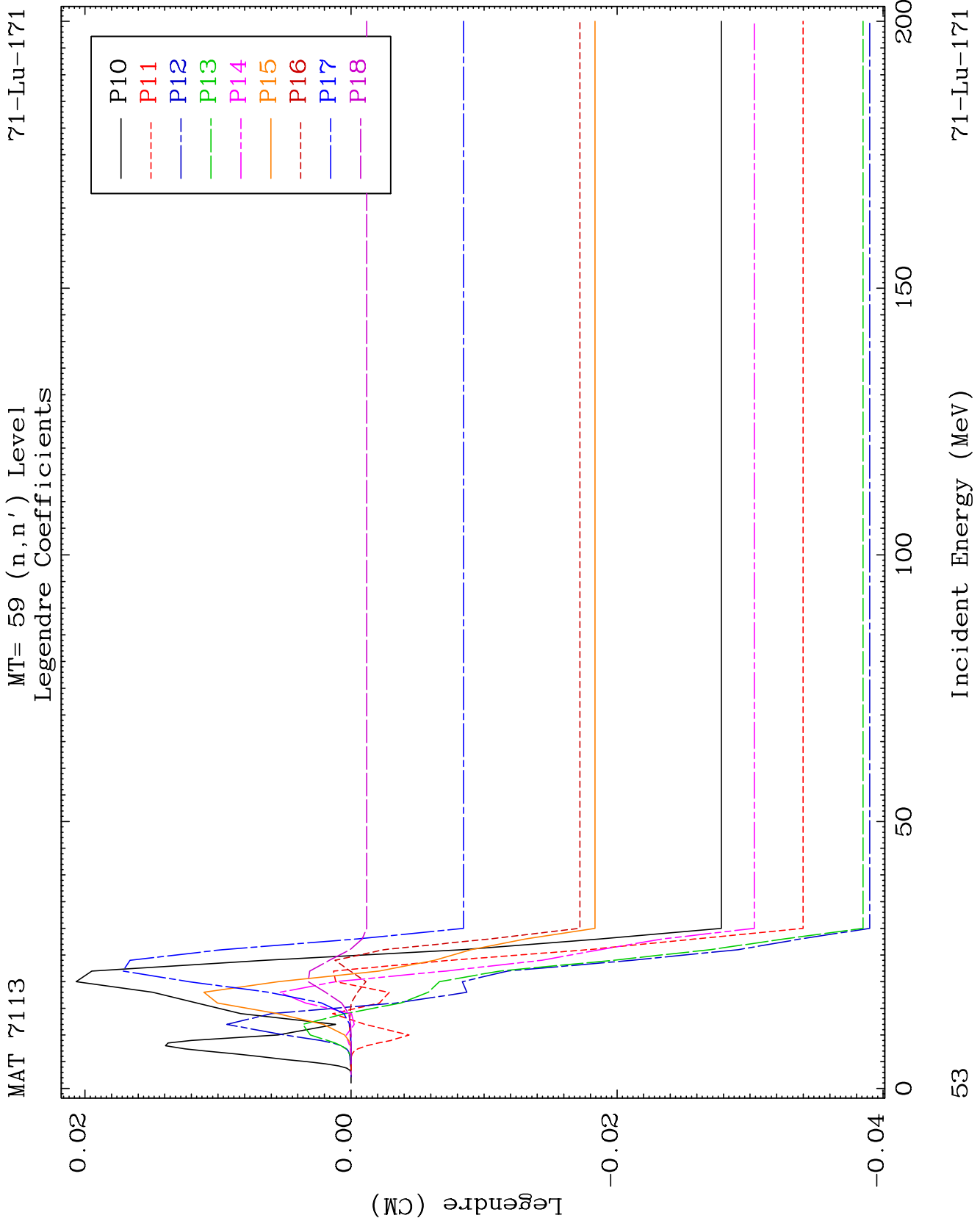
MT= 58 (n,n') Level
Legendre Coefficients

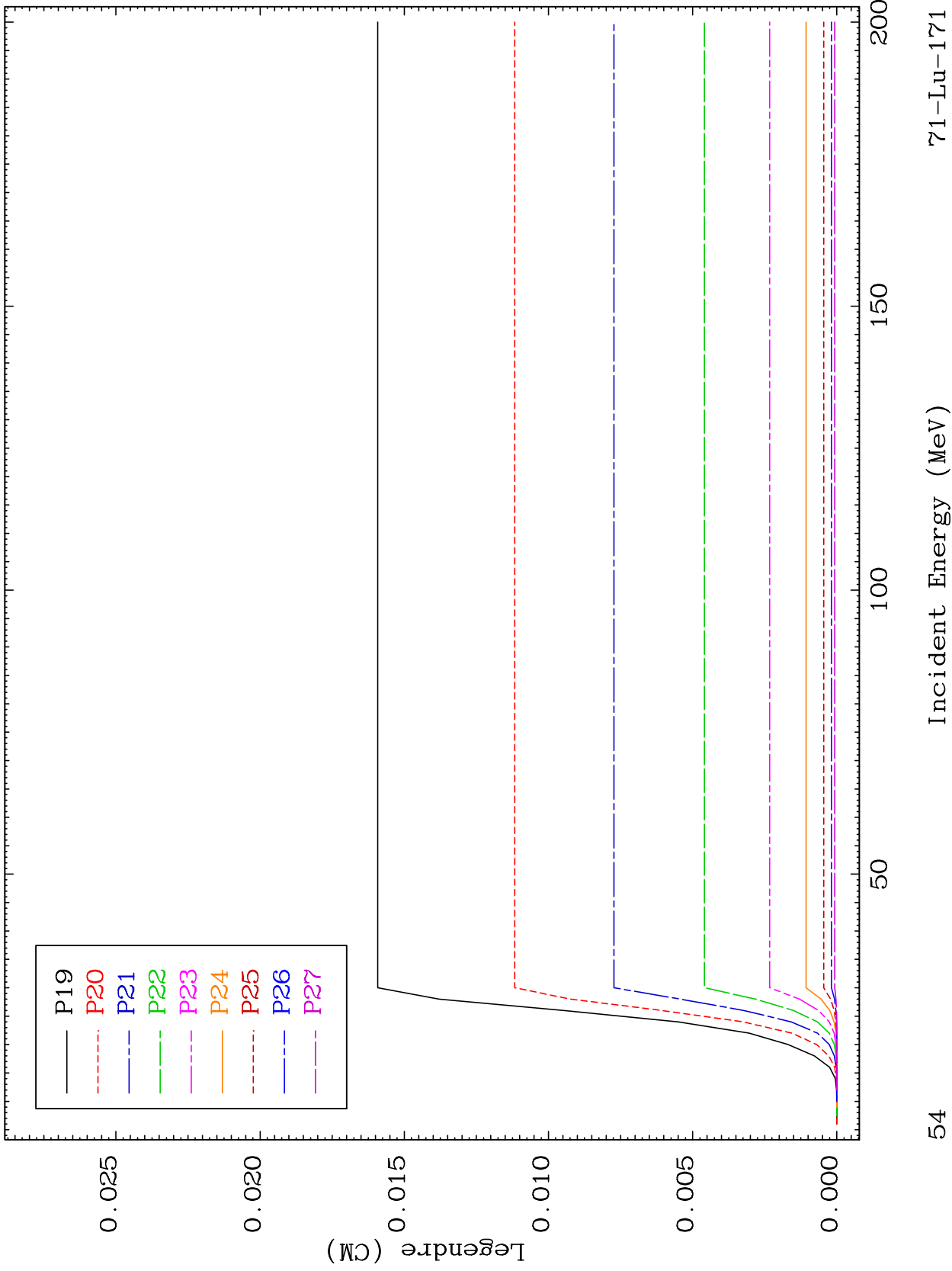
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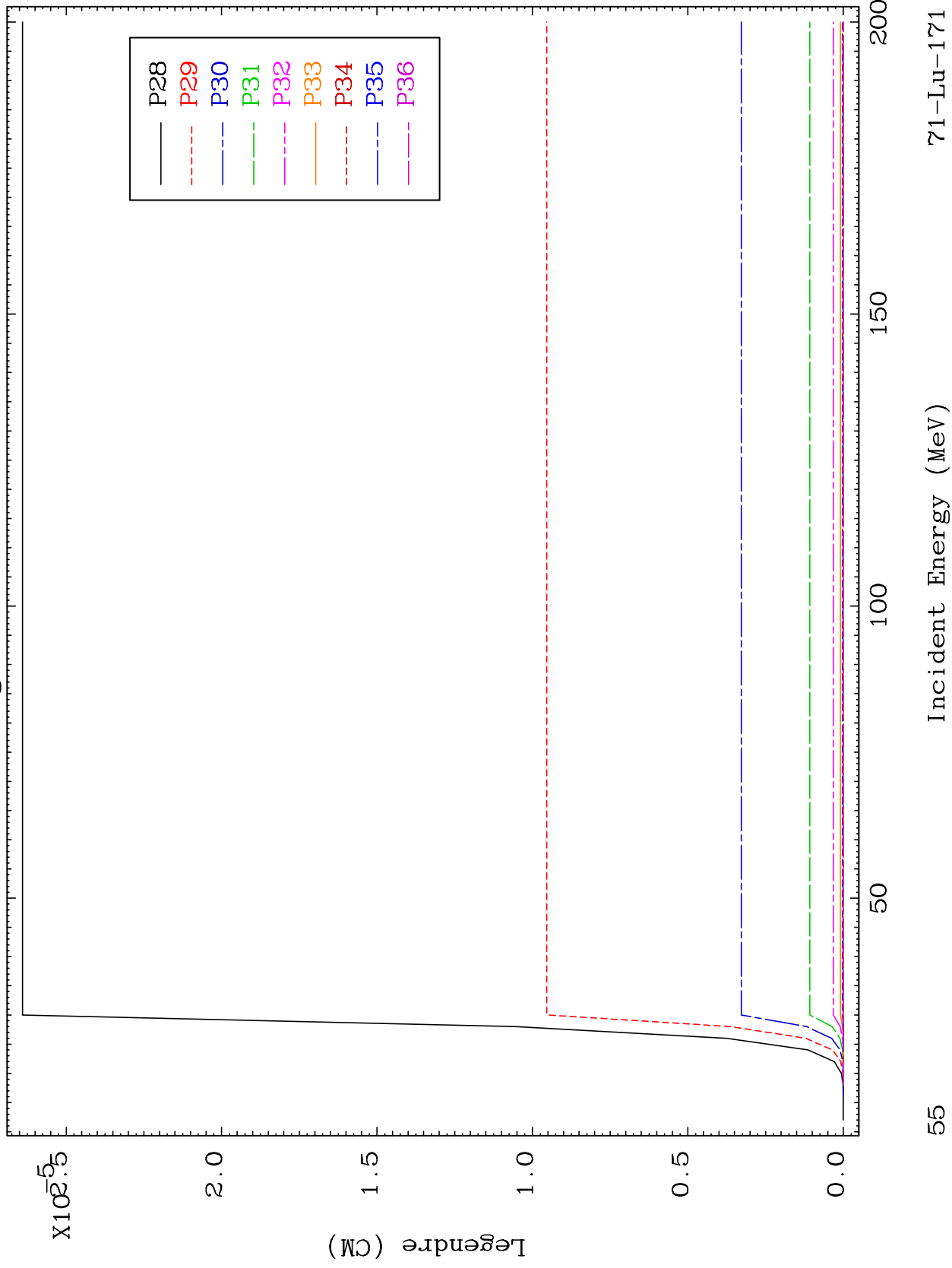




MAT 7113

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

71-Lu-171



55

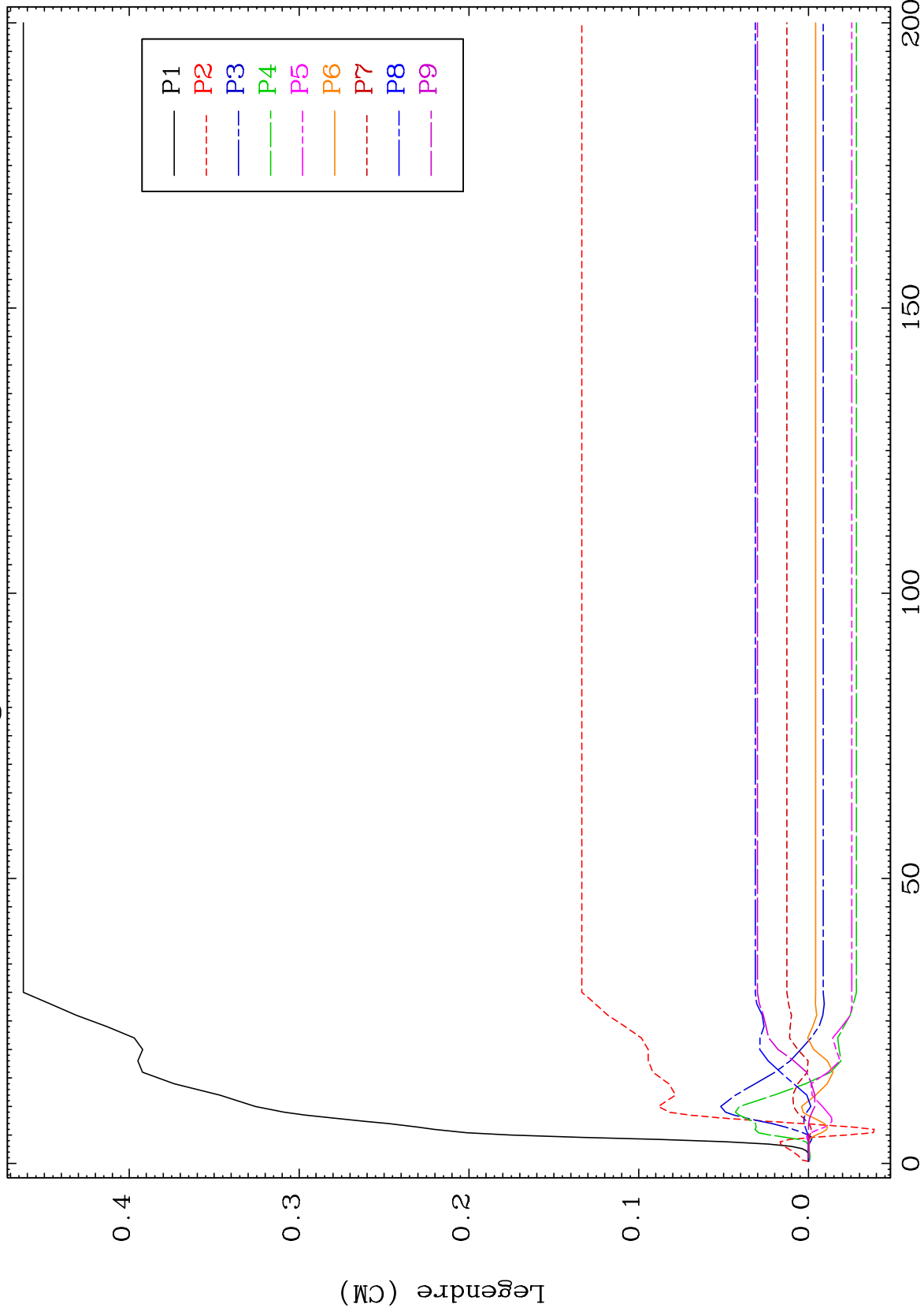
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

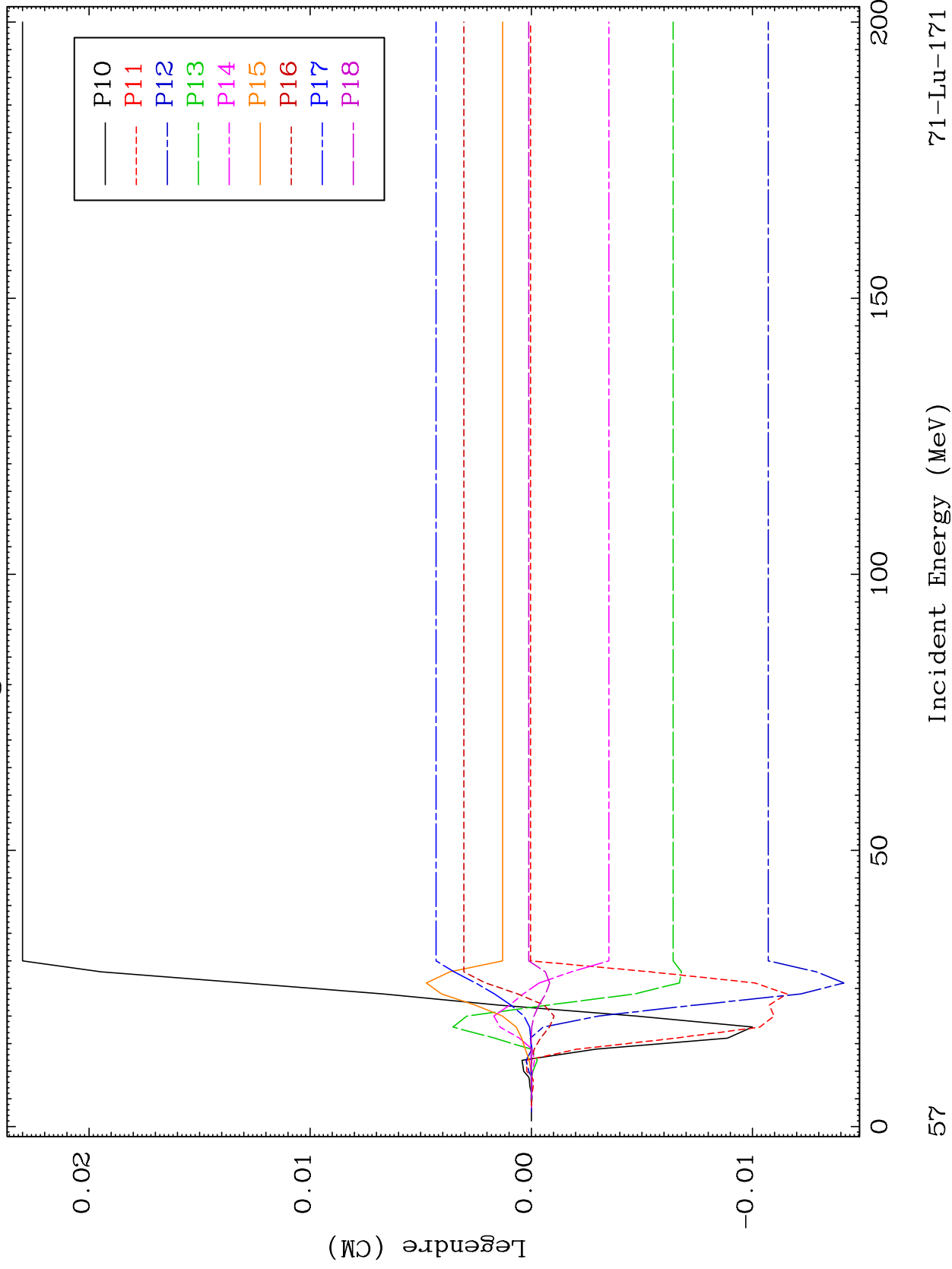
Incident Energy (MeV)

56

MAT 7113

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

71-Lu-171



71-Lu-171

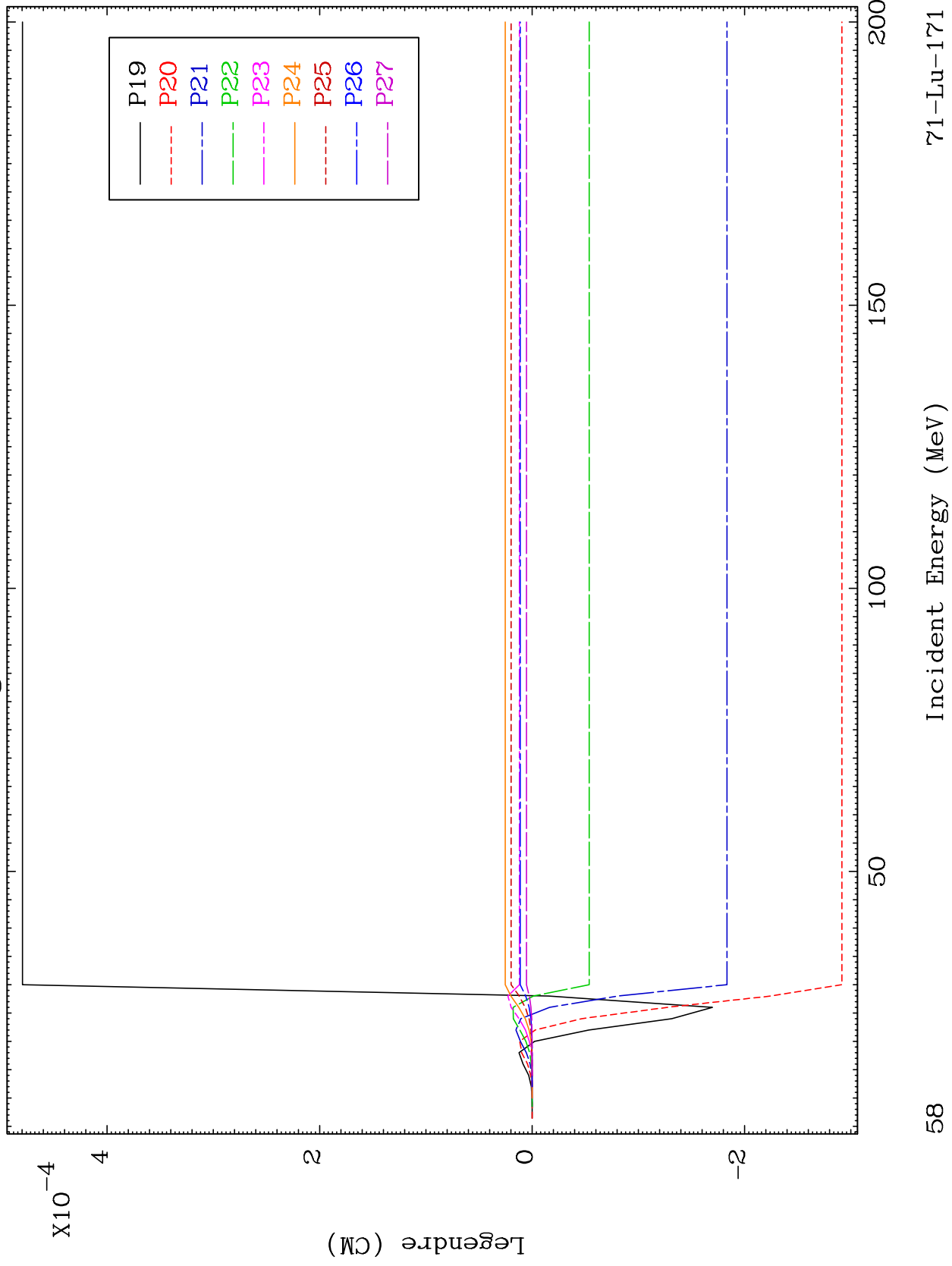
Incident Energy (MeV)

57

MAT 7113

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

71-Lu-171



58

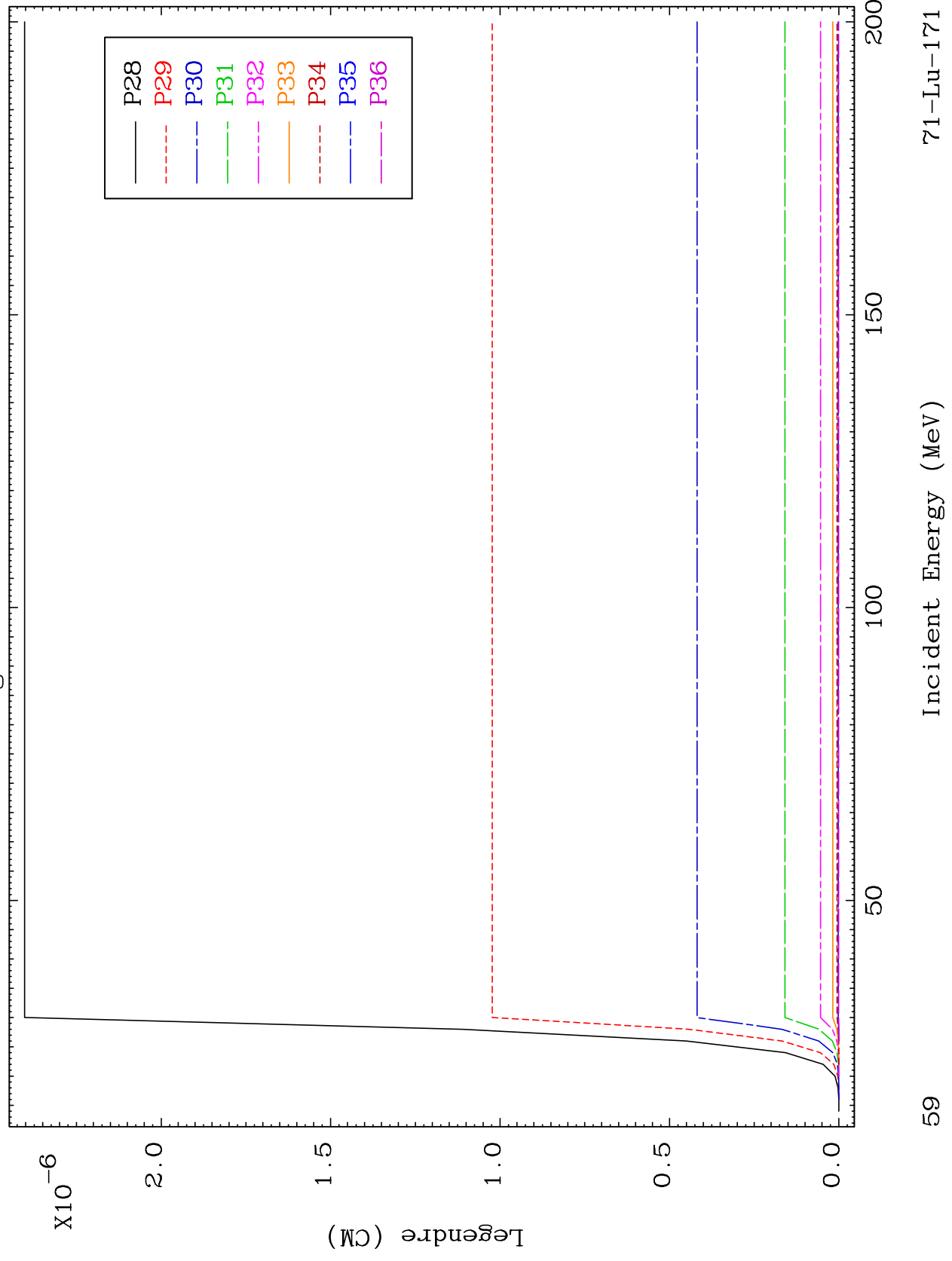
Incident Energy (MeV)

71-Lu-171

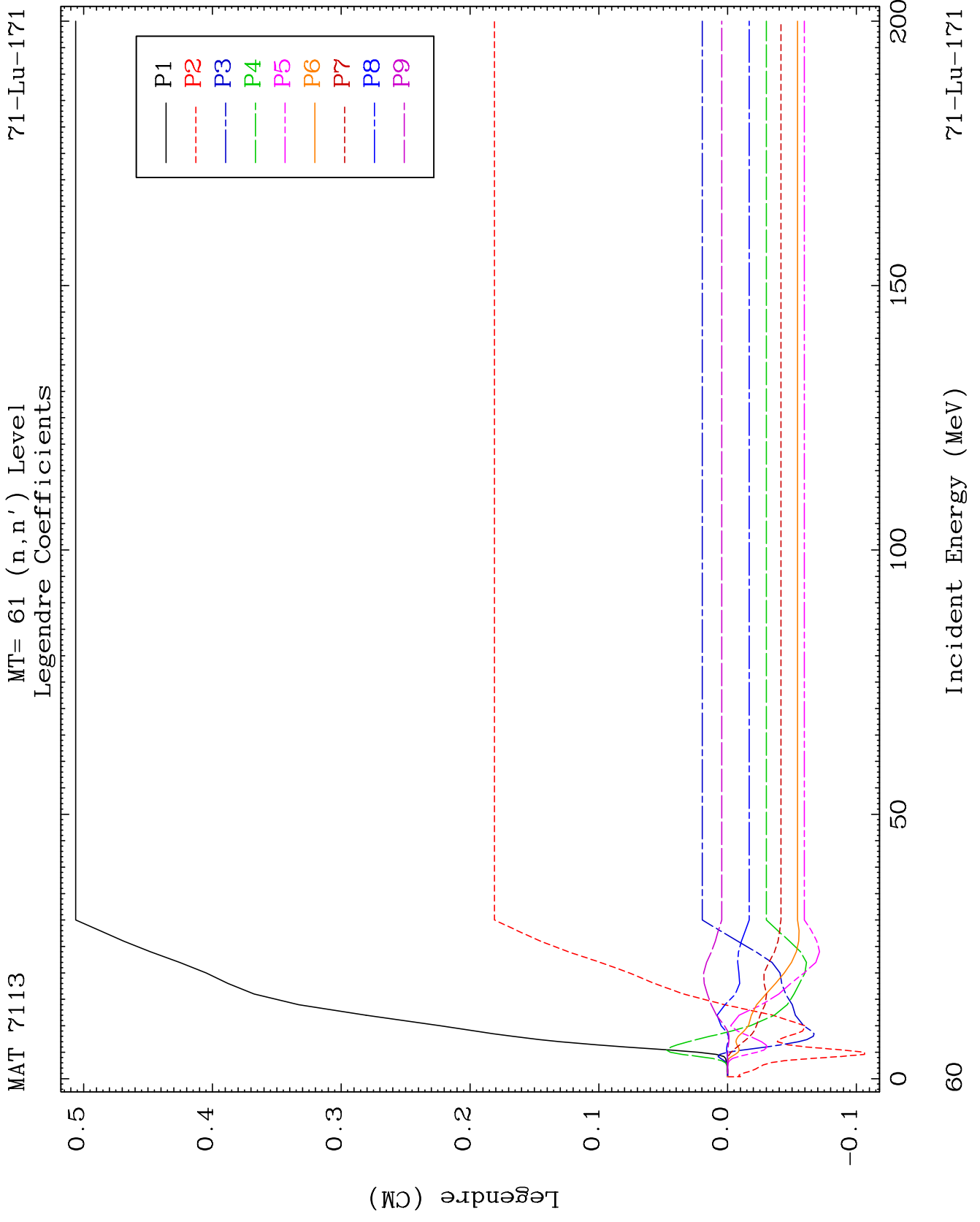
MAT 7113

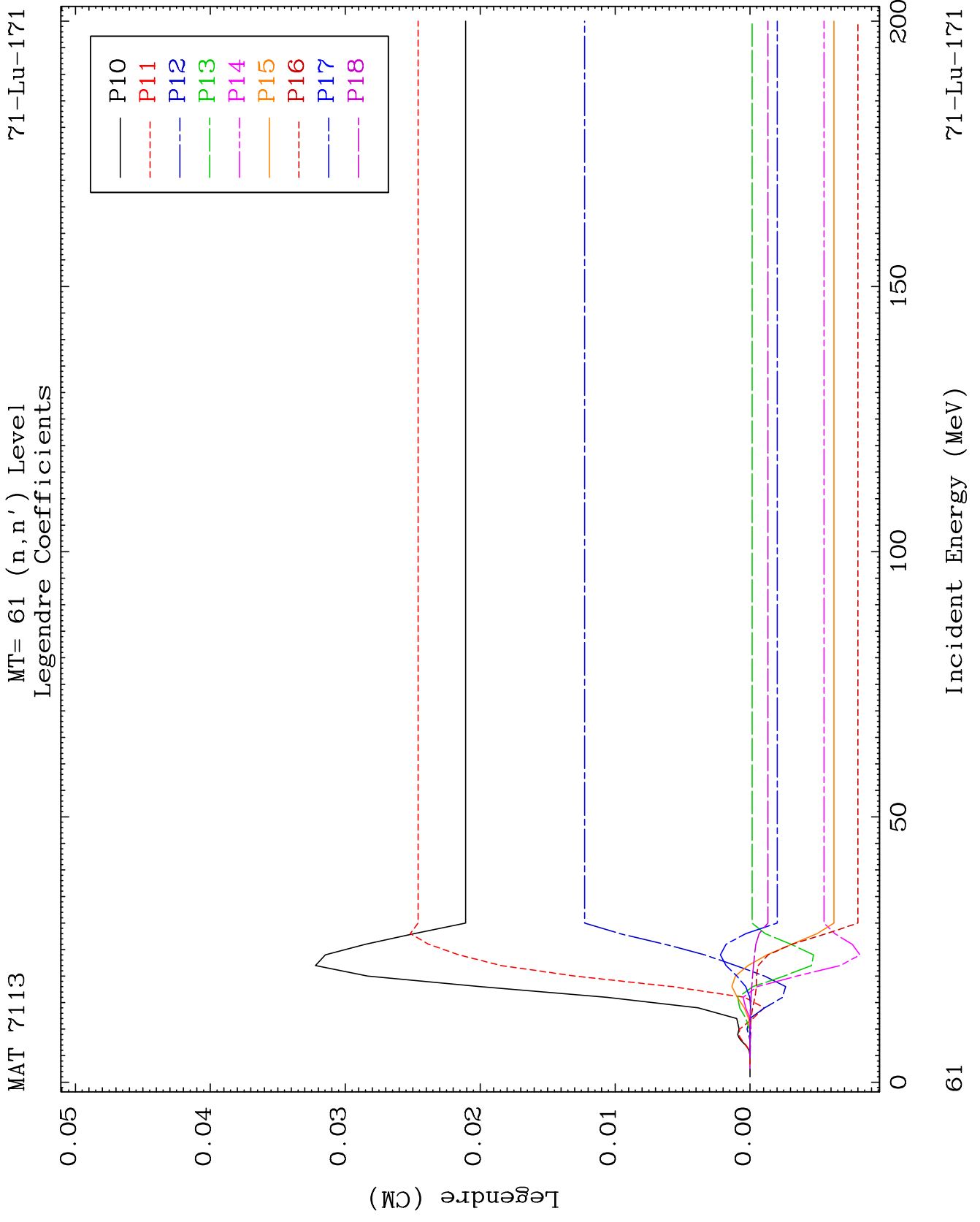
MT= 60 (n,n') Level
Legendre Coefficients

71-Lu-171



59

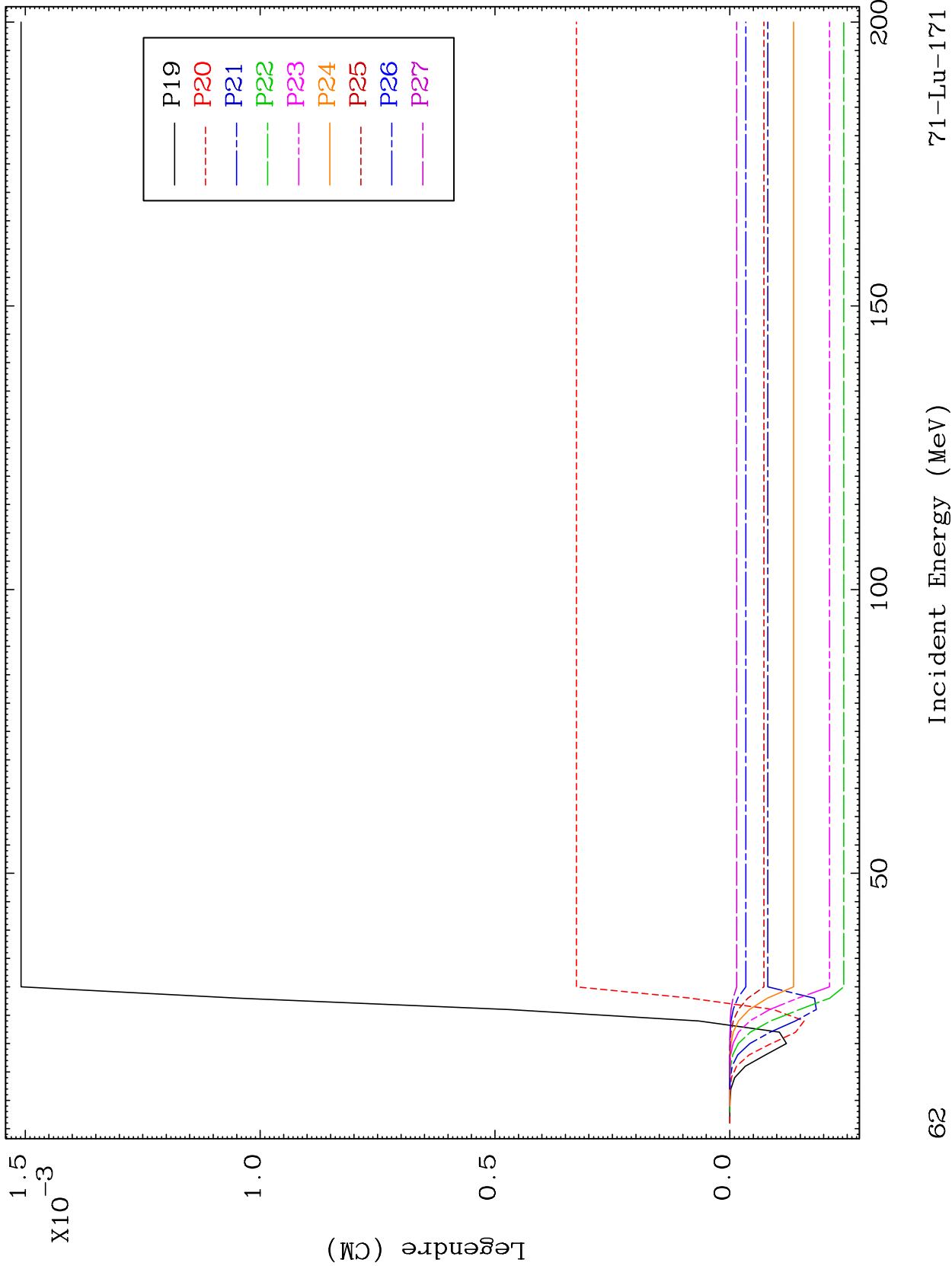


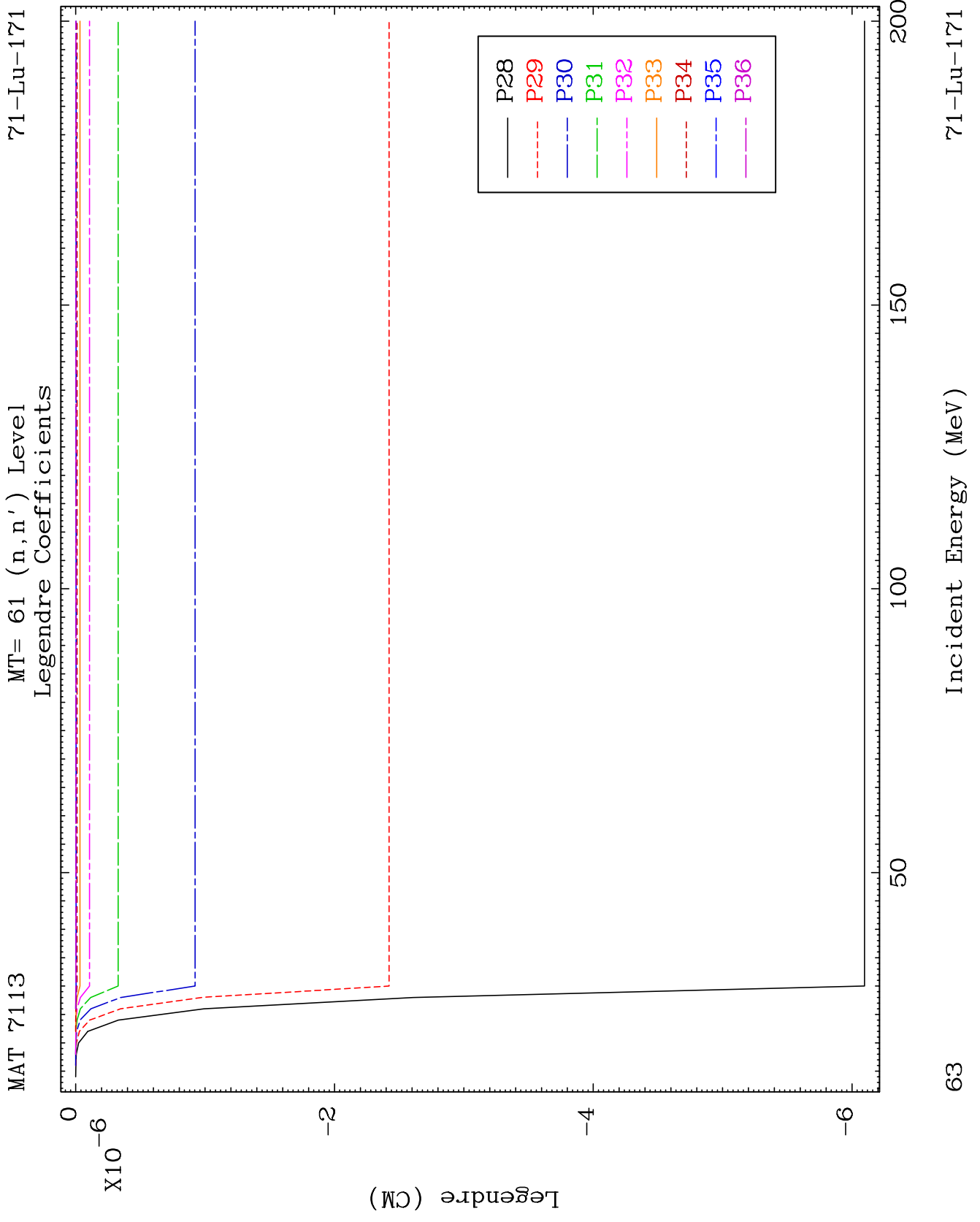


MAT 7113

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

71-Lu-171

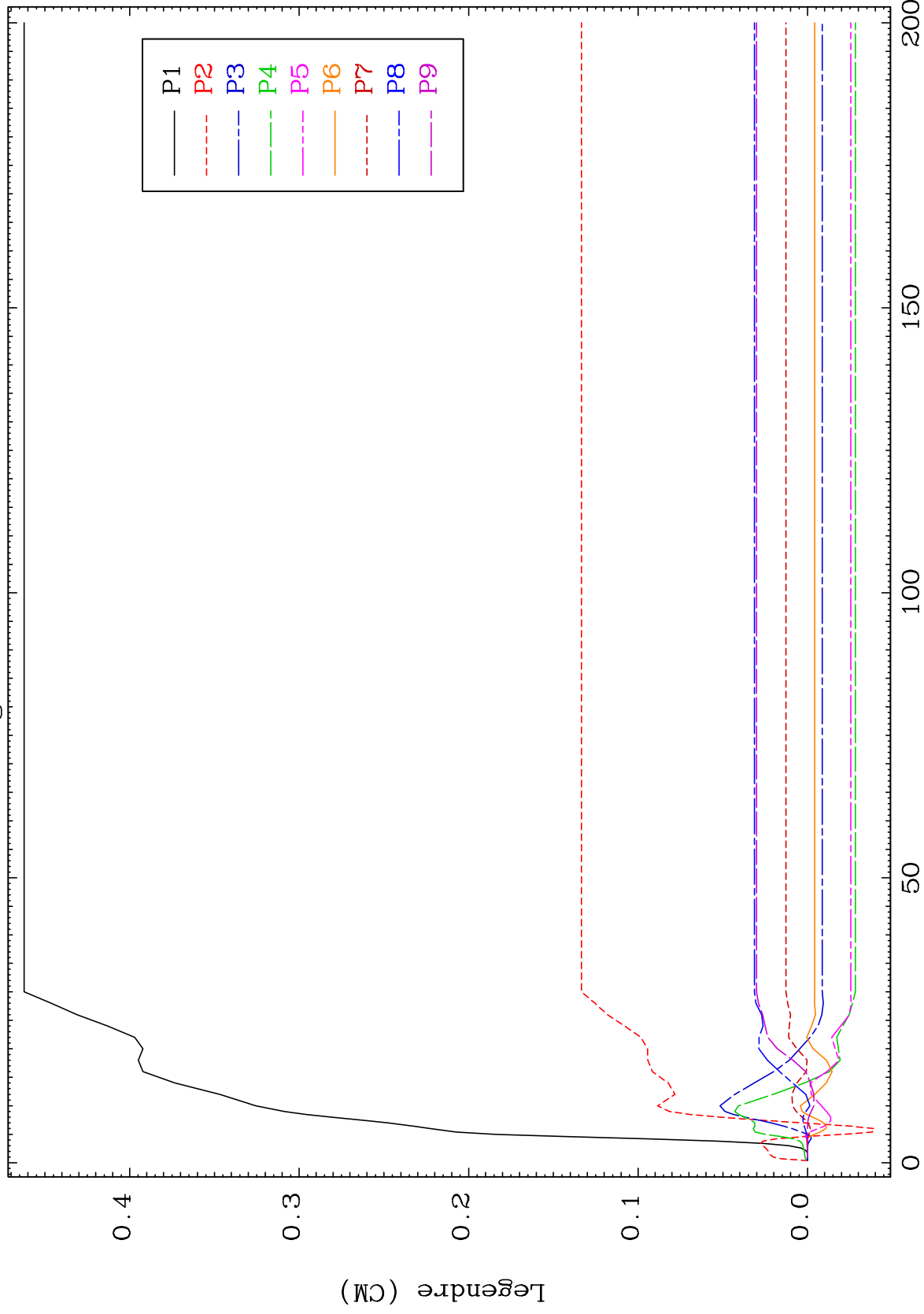




MAT 7113

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

71-Lu-171



64

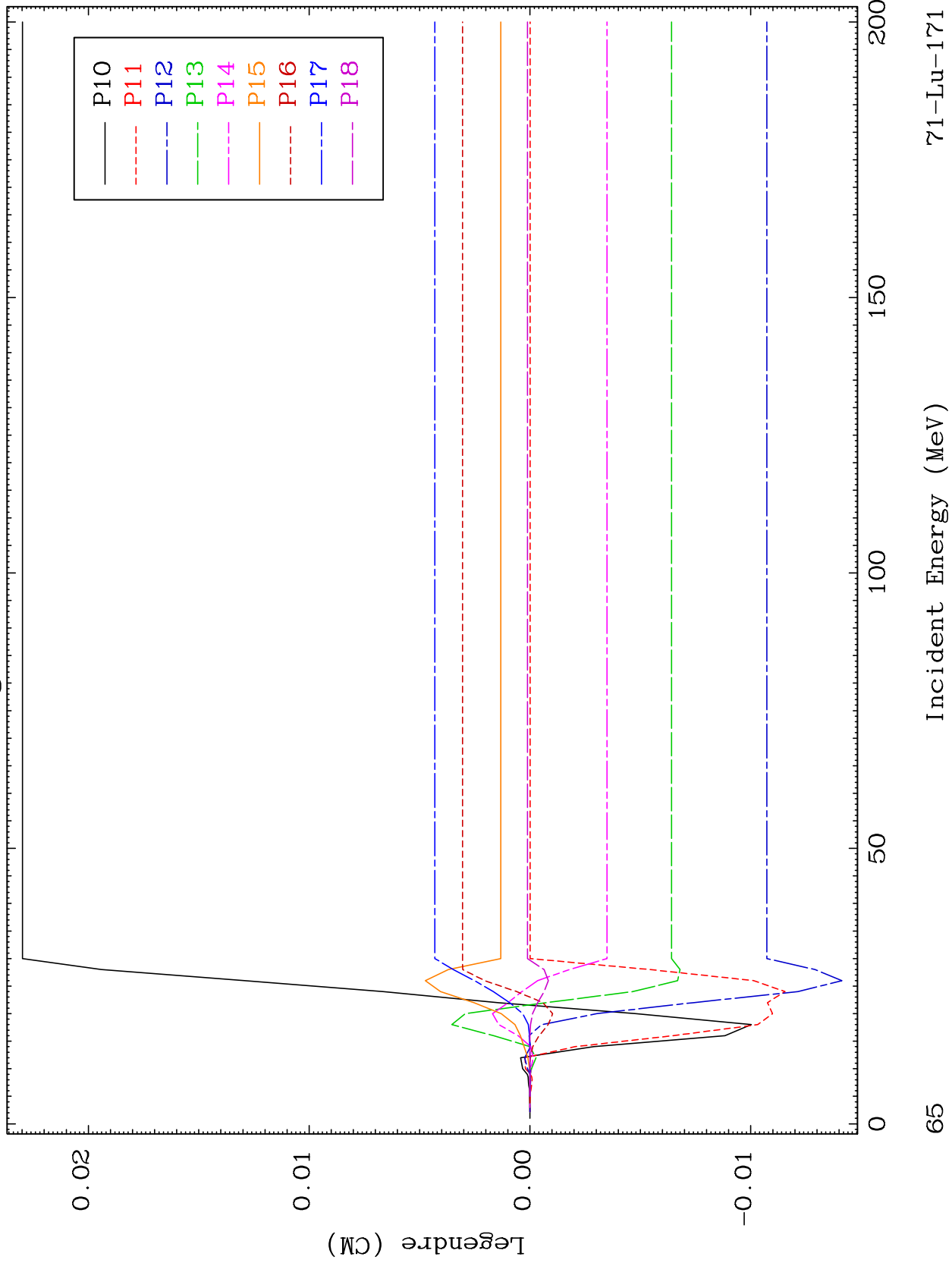
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

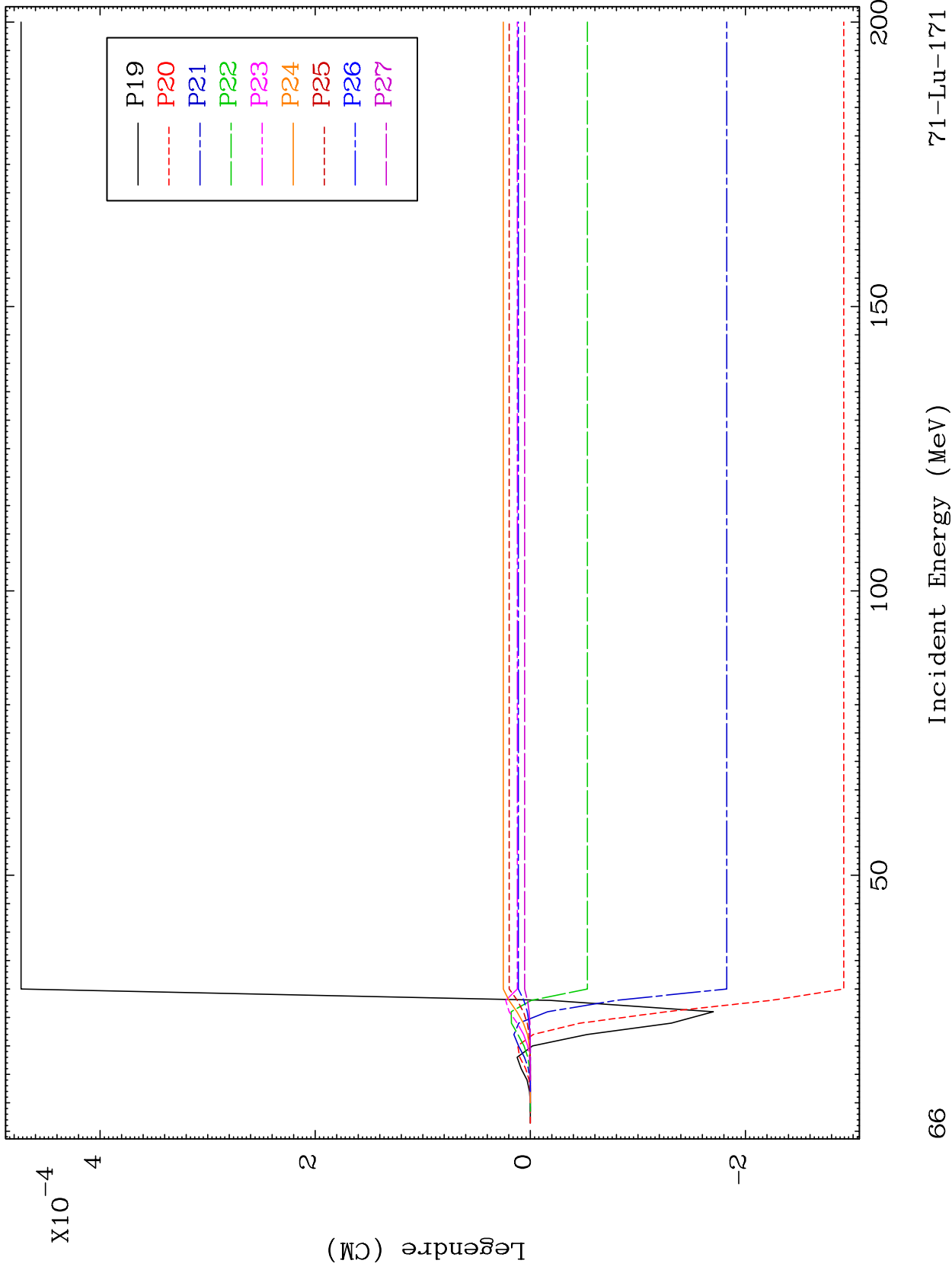
71-Lu-171



71-Lu-171

Incident Energy (MeV)

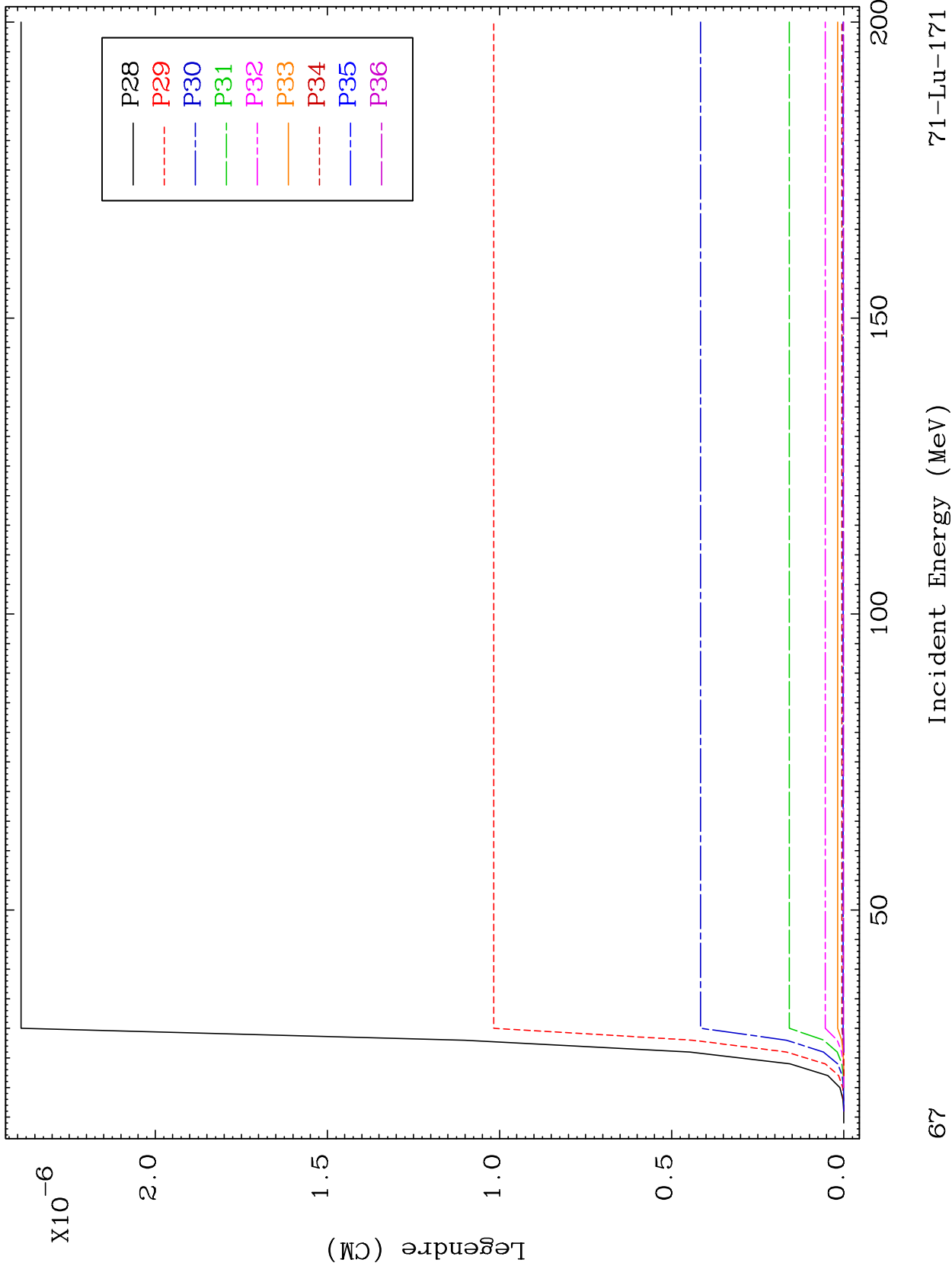
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MAT 7113

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

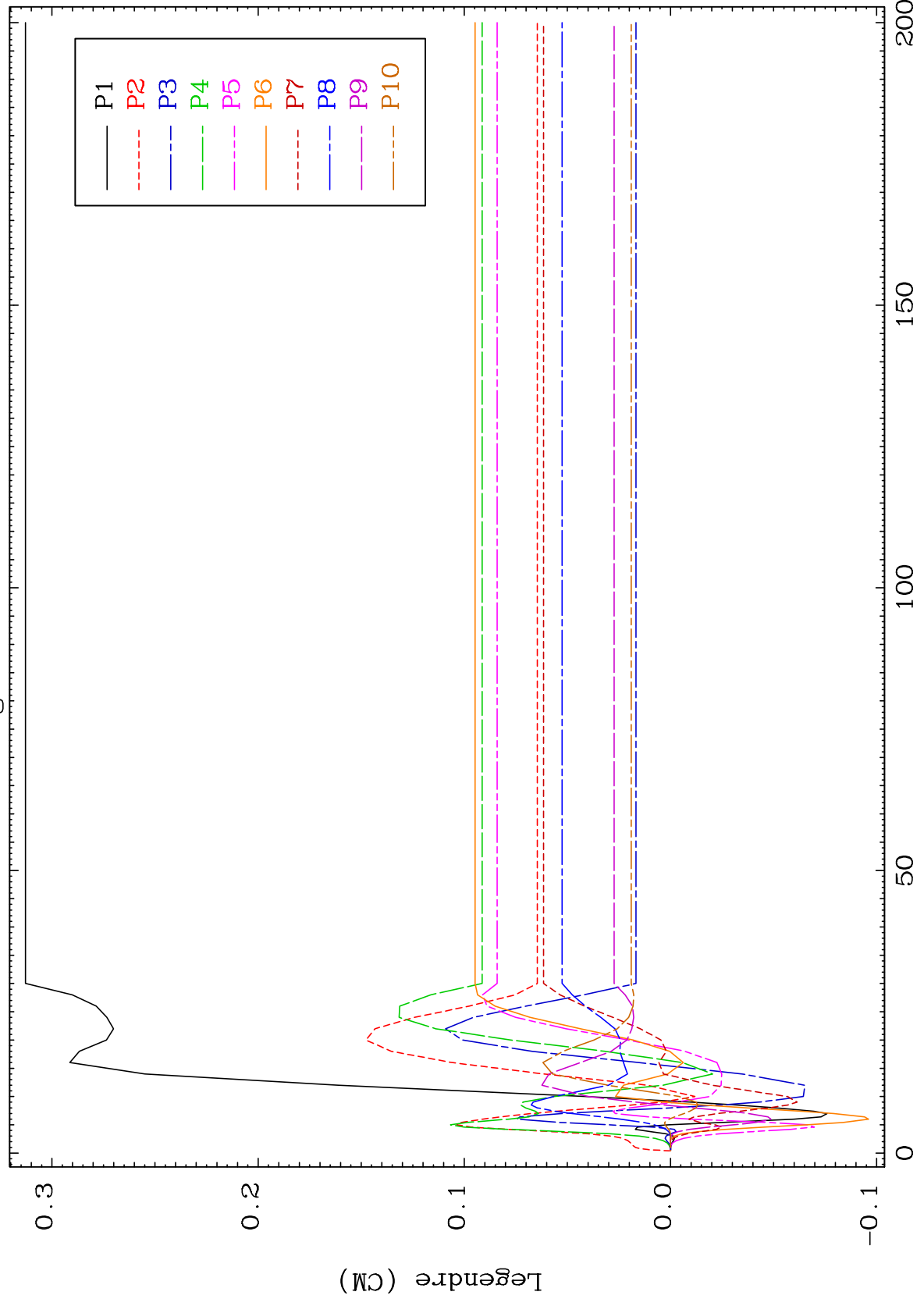
71-Lu-171



MAT 7113

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

71-Lu-171



71-Lu-171

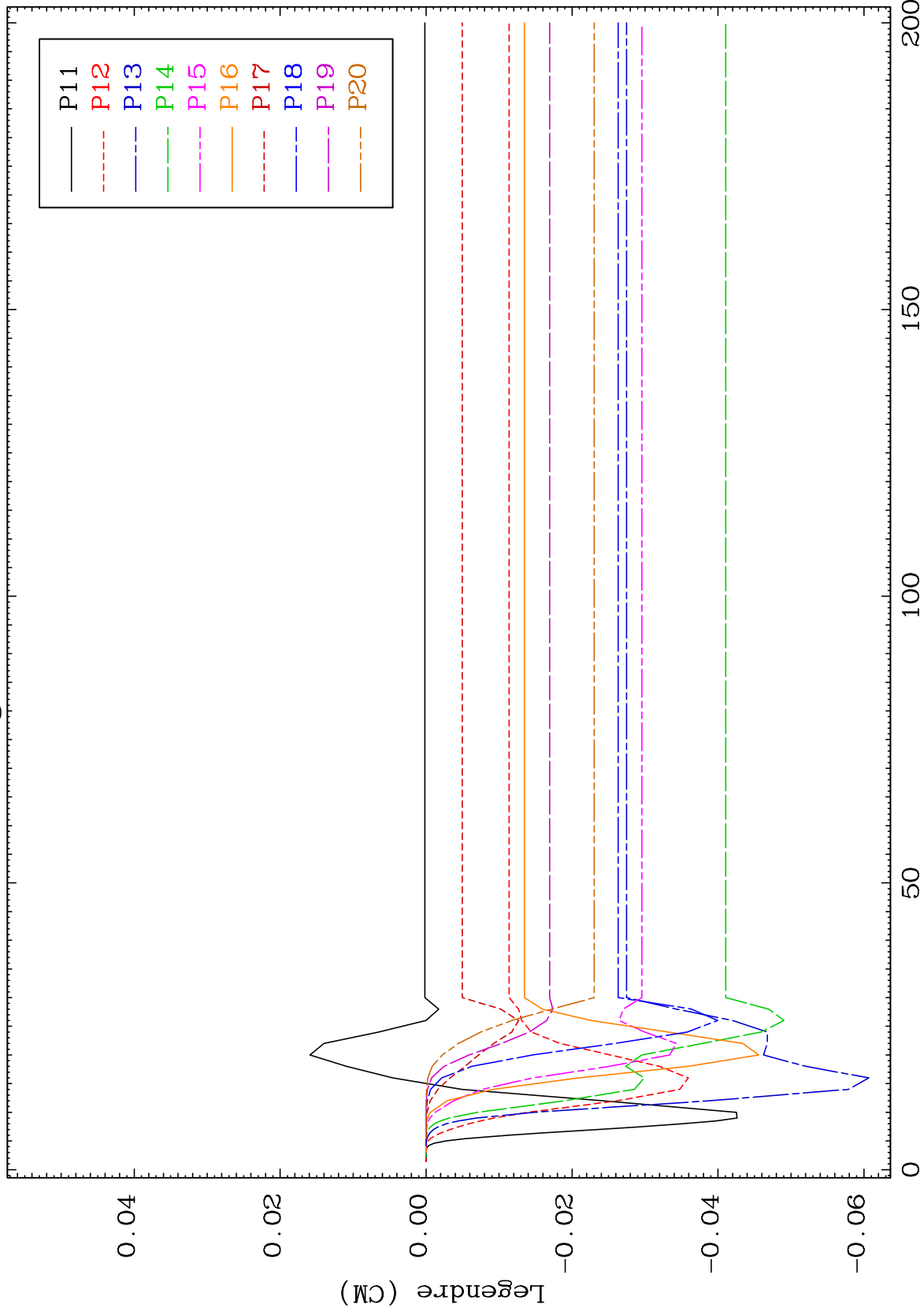
Incident Energy (MeV)

68

MAT 7113

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

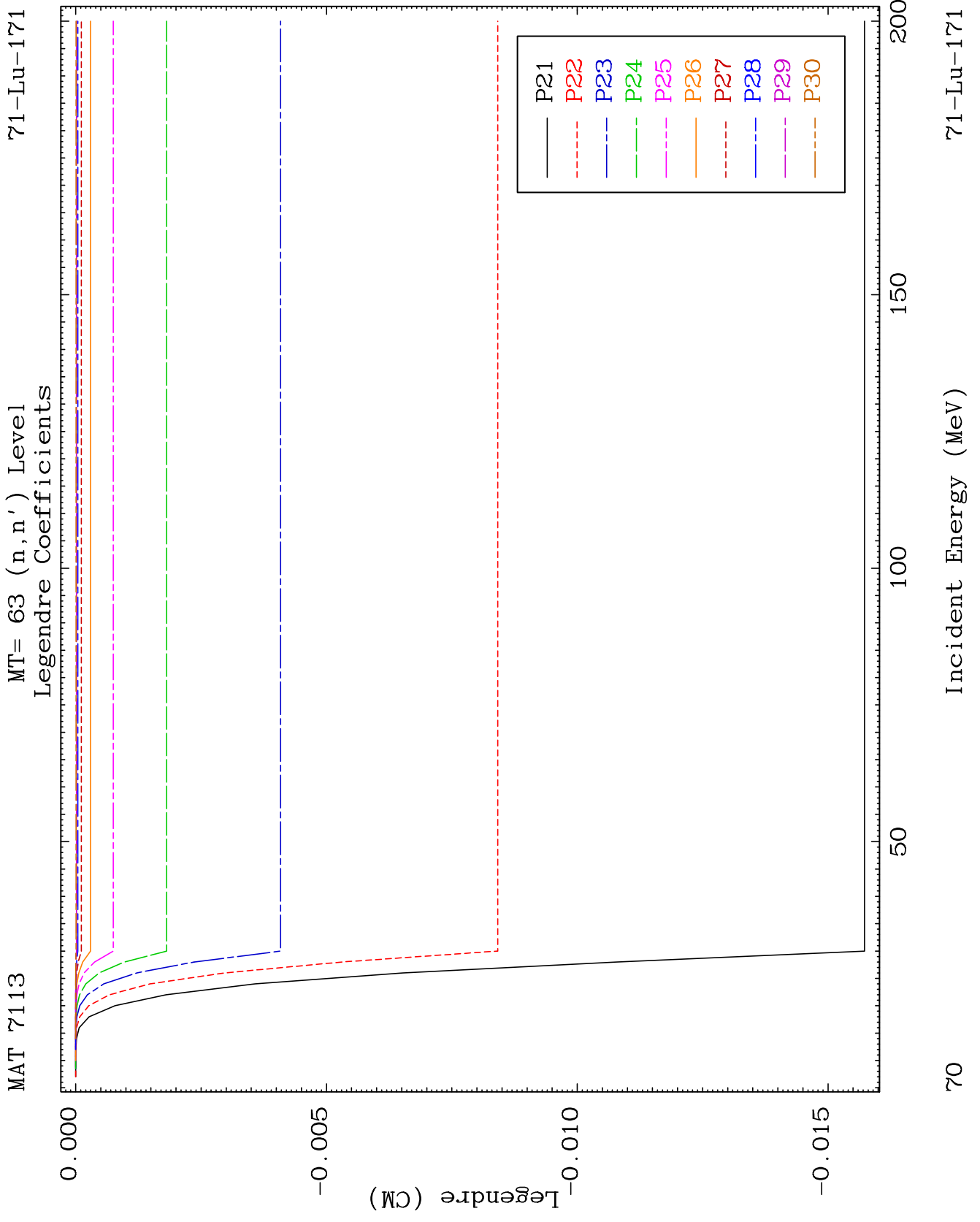
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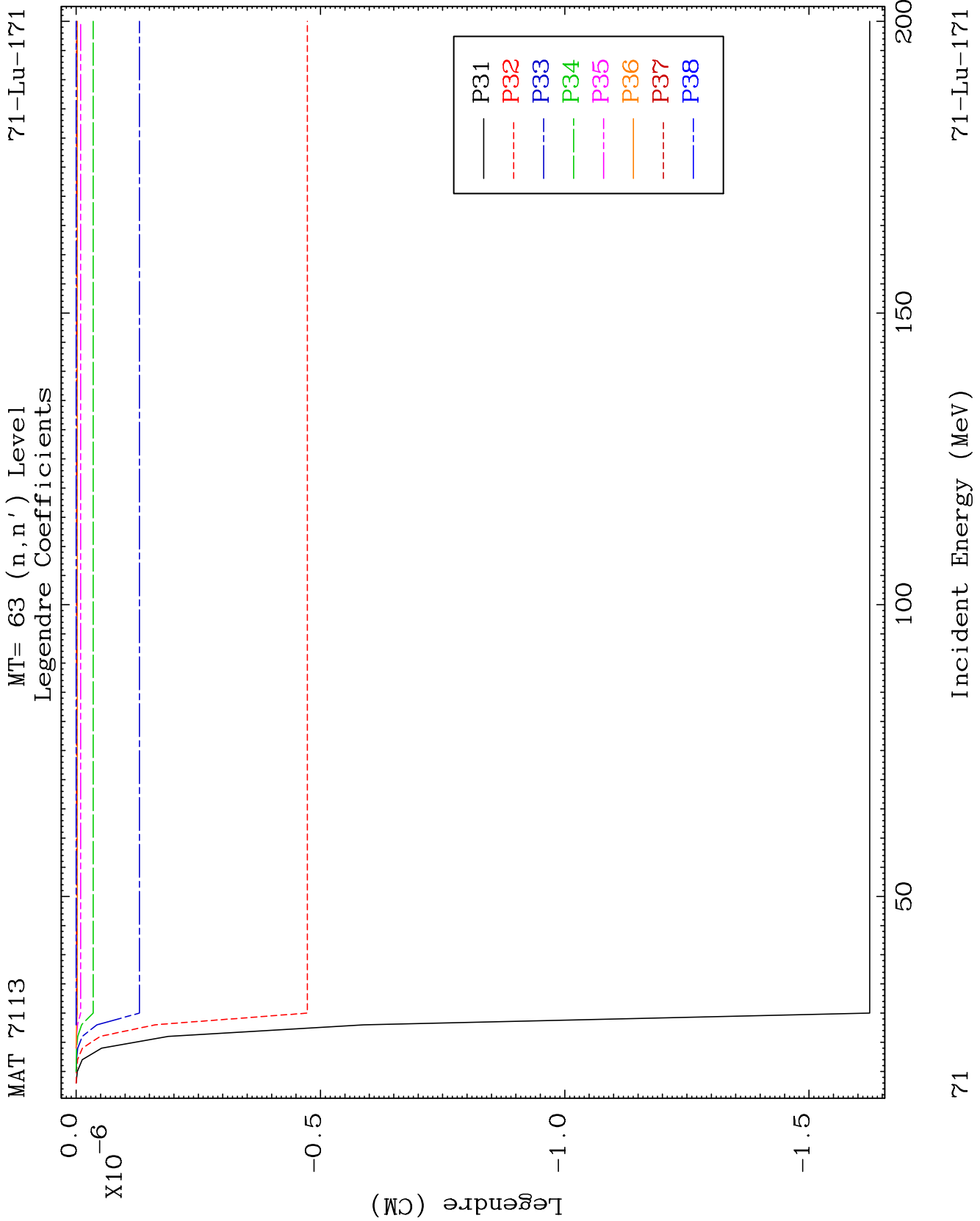


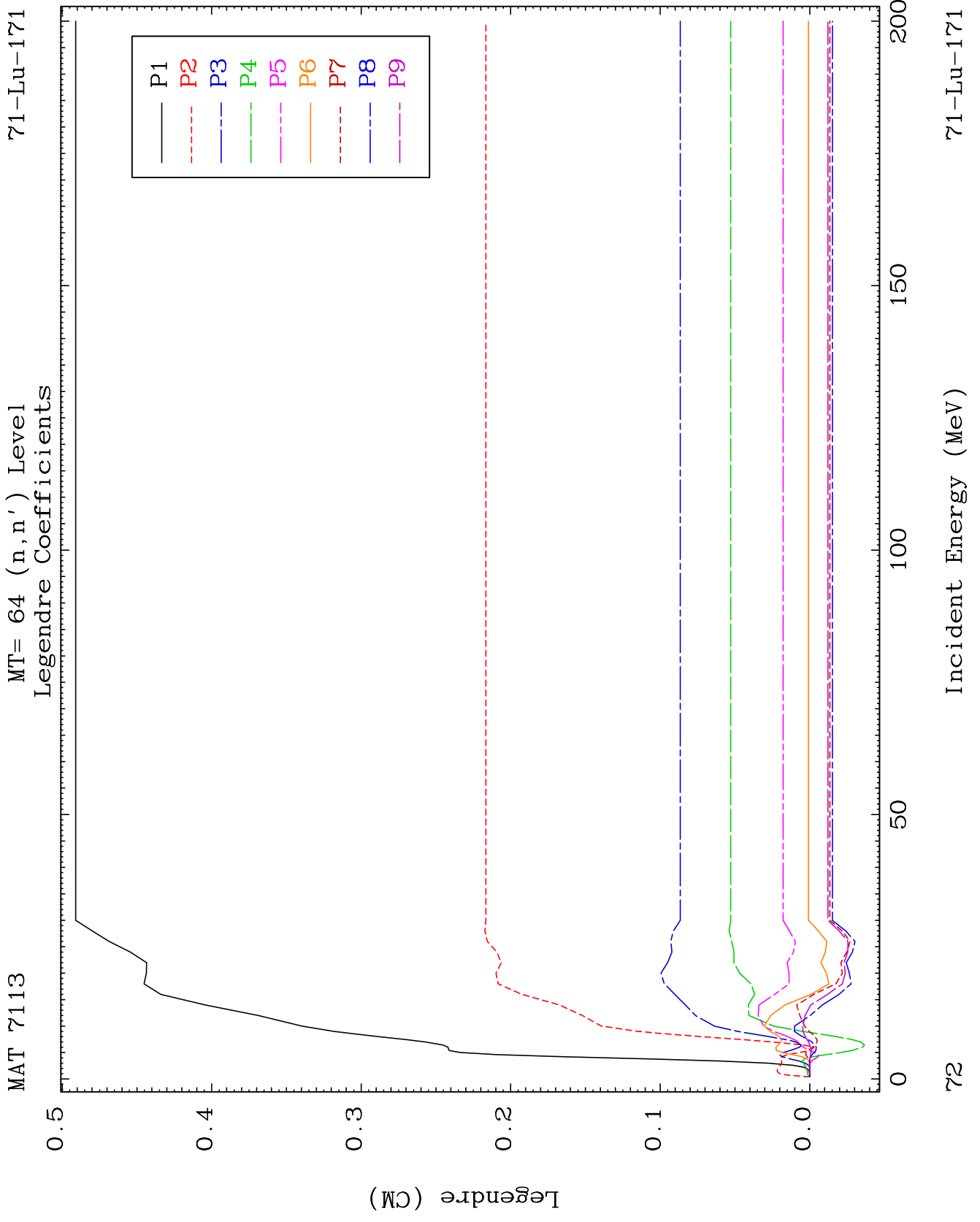
69

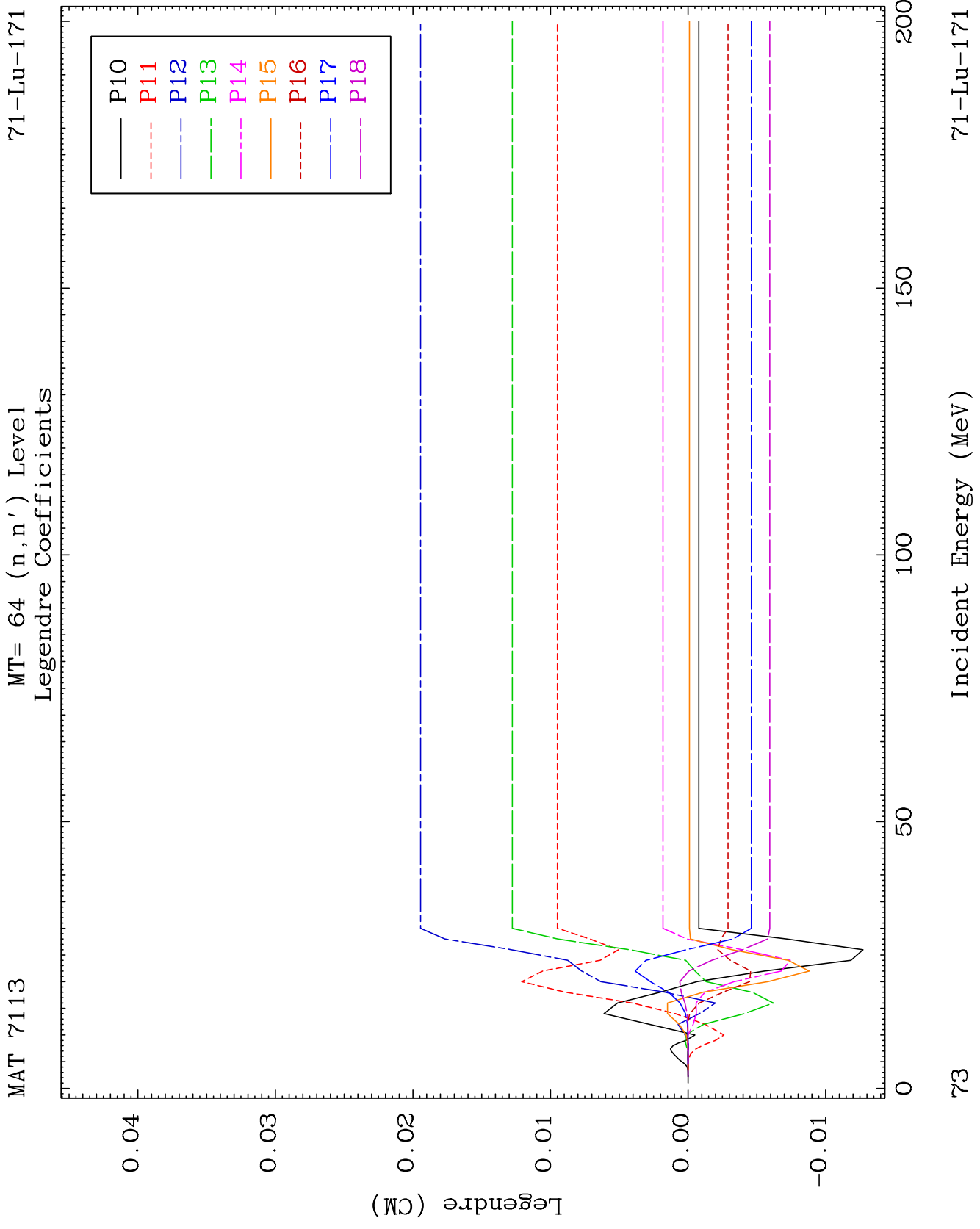
Incident Energy (MeV)

71-Lu-171





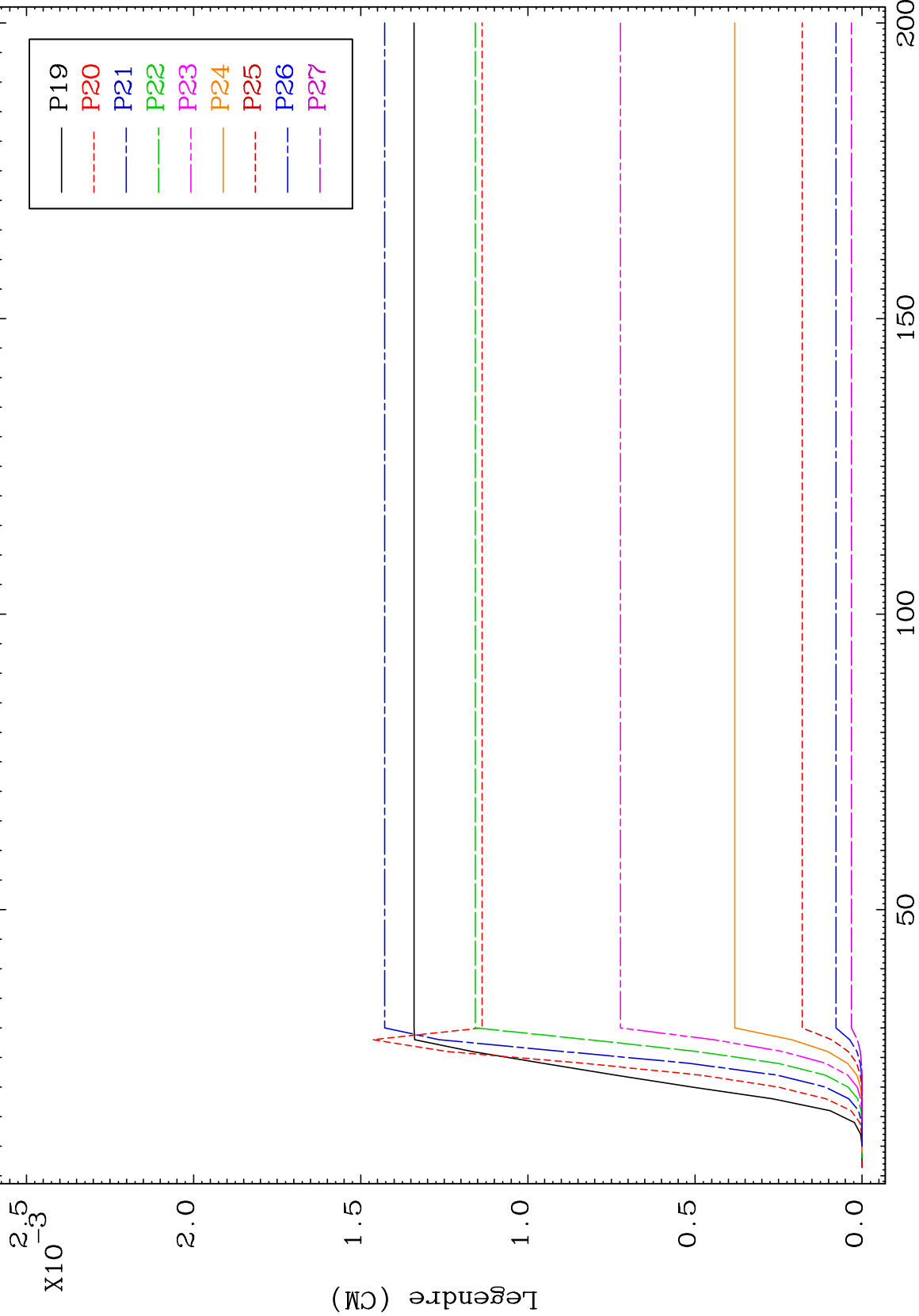




MAT 7113

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

71-Lu-171



74

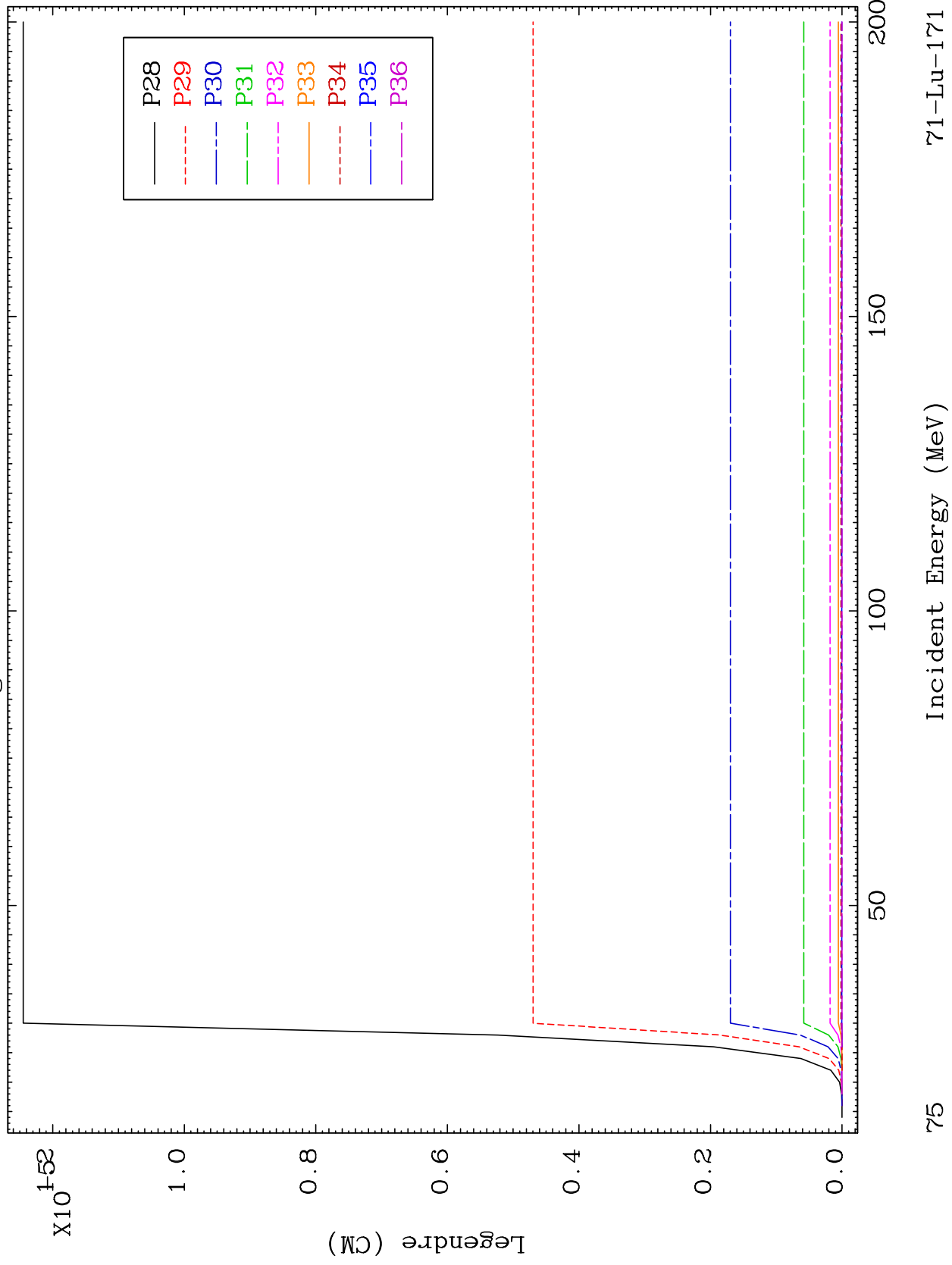
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

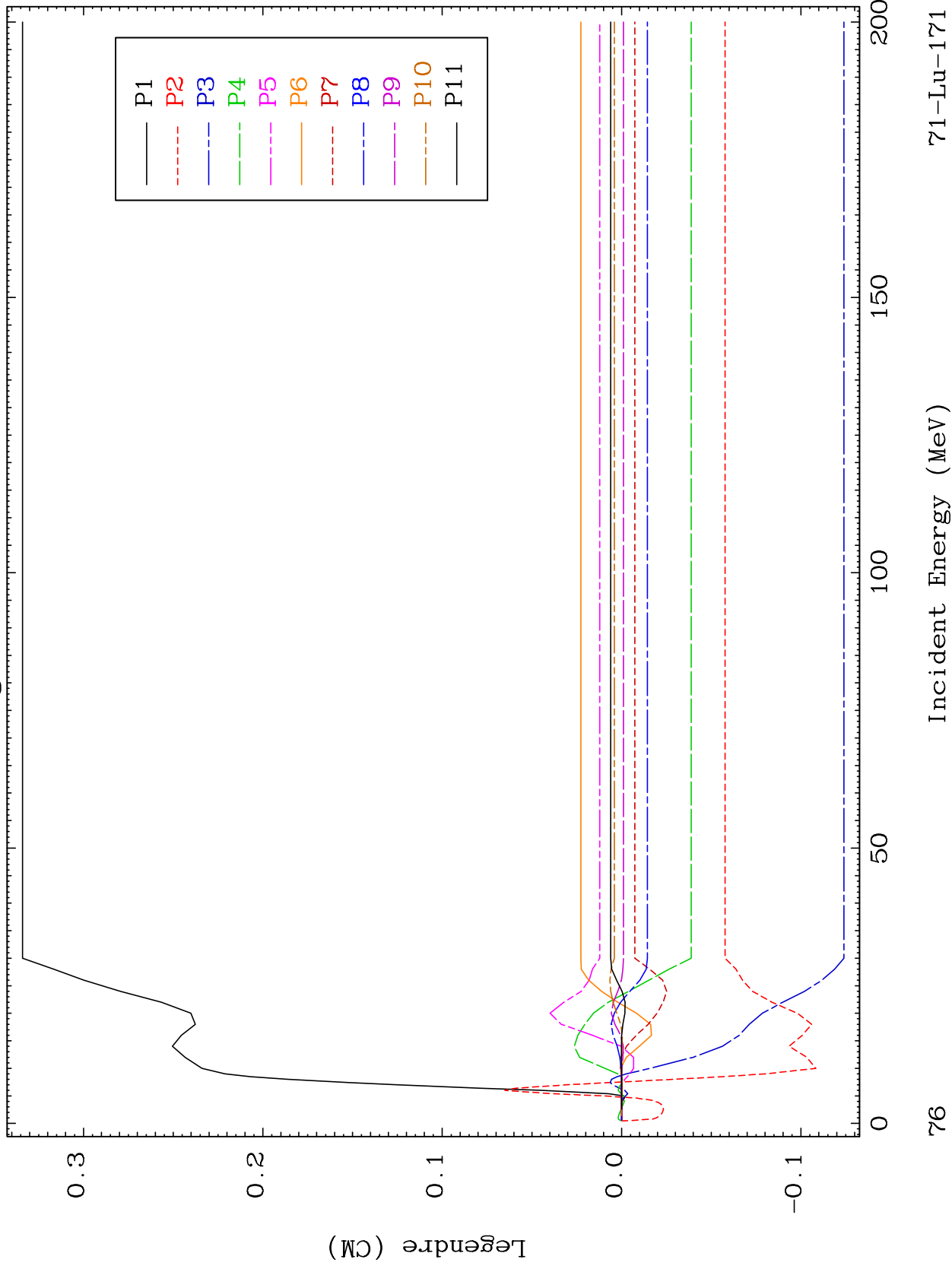
71-Lu-171



MAT 7113

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

71-Lu-171



71-Lu-171

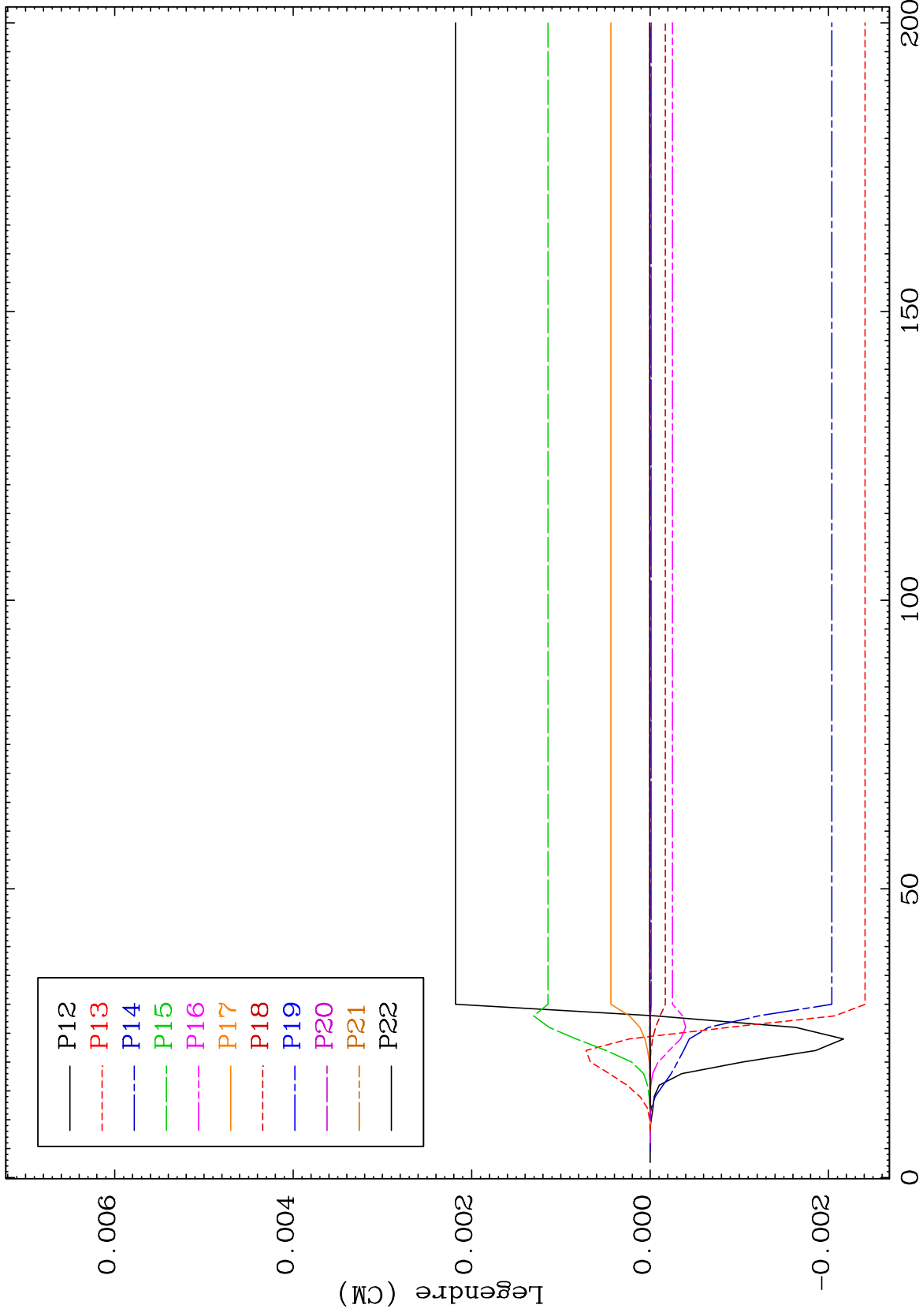
Incident Energy (MeV)

76

MAT 7113

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

71-Lu-171



77

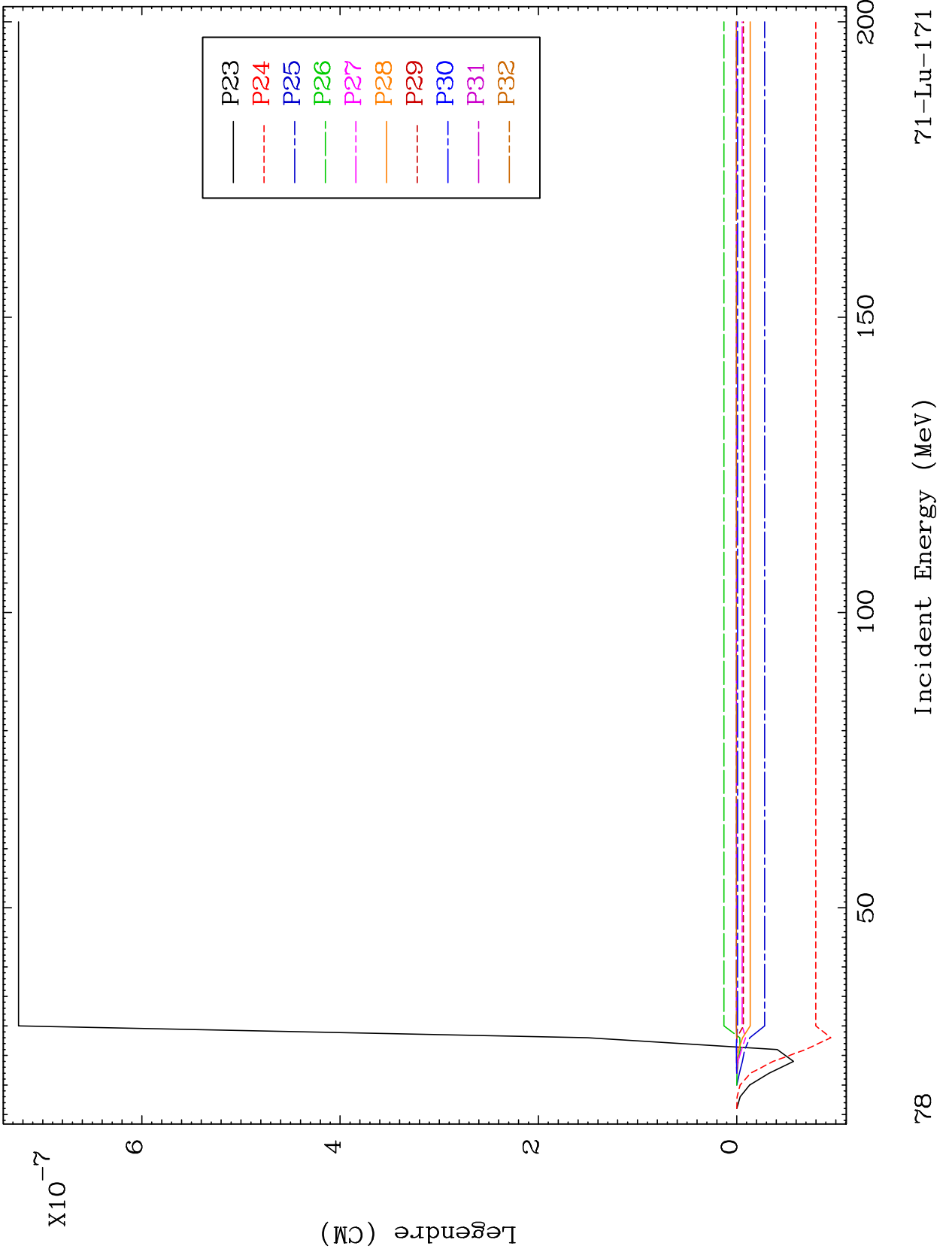
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

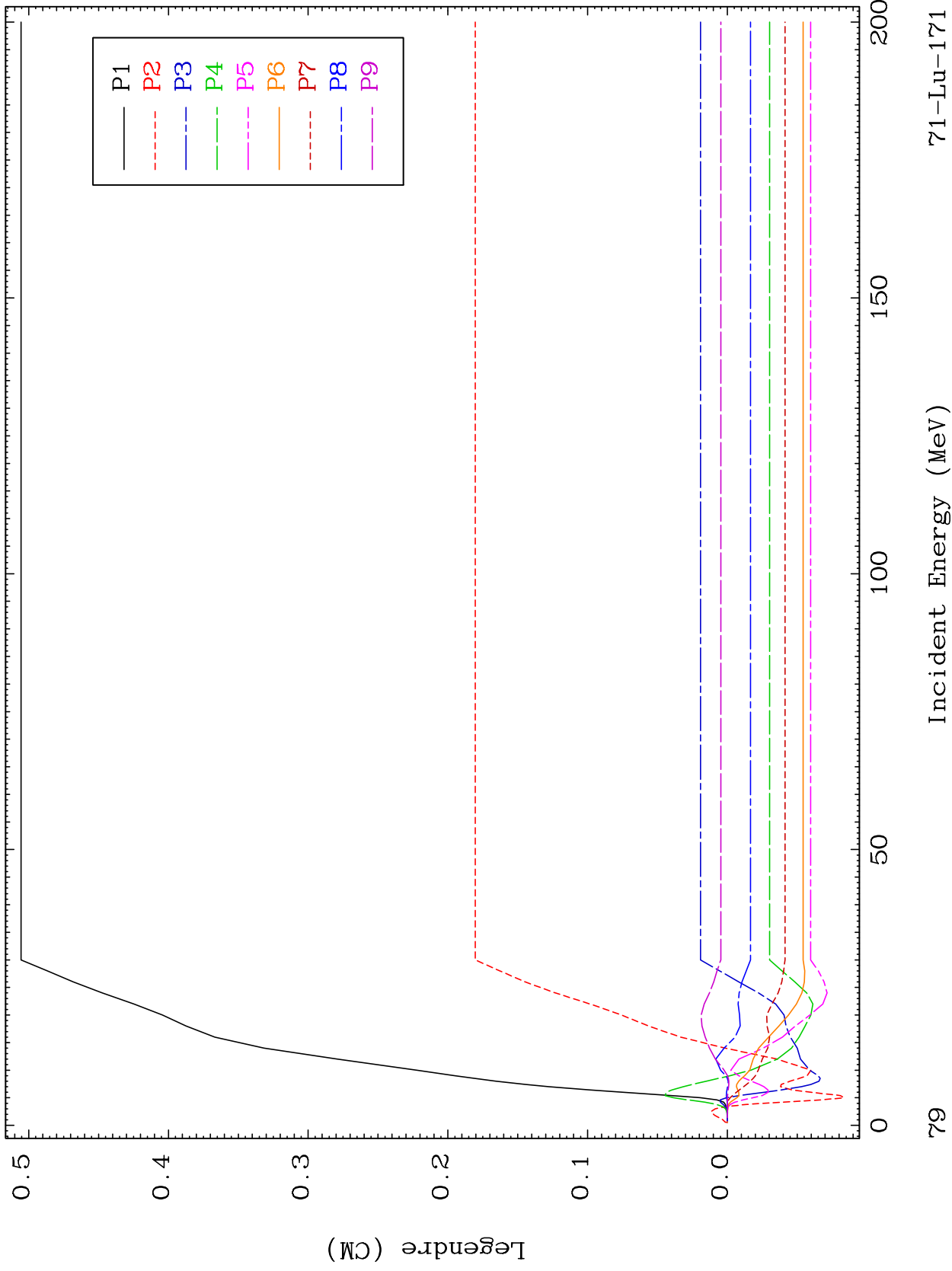
71-Lu-171



MAT 7113

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

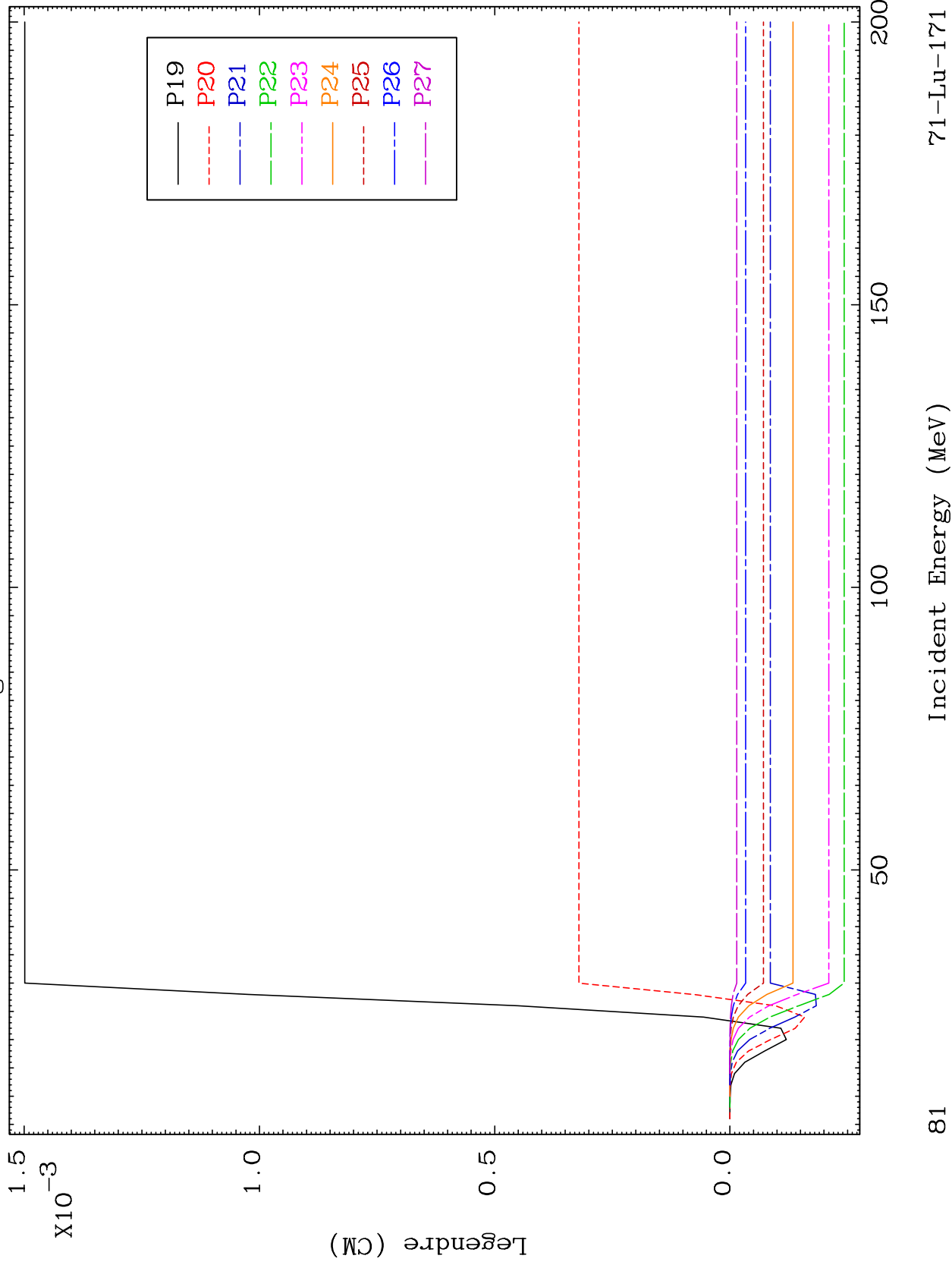
71-Lu-171



MAT 7113

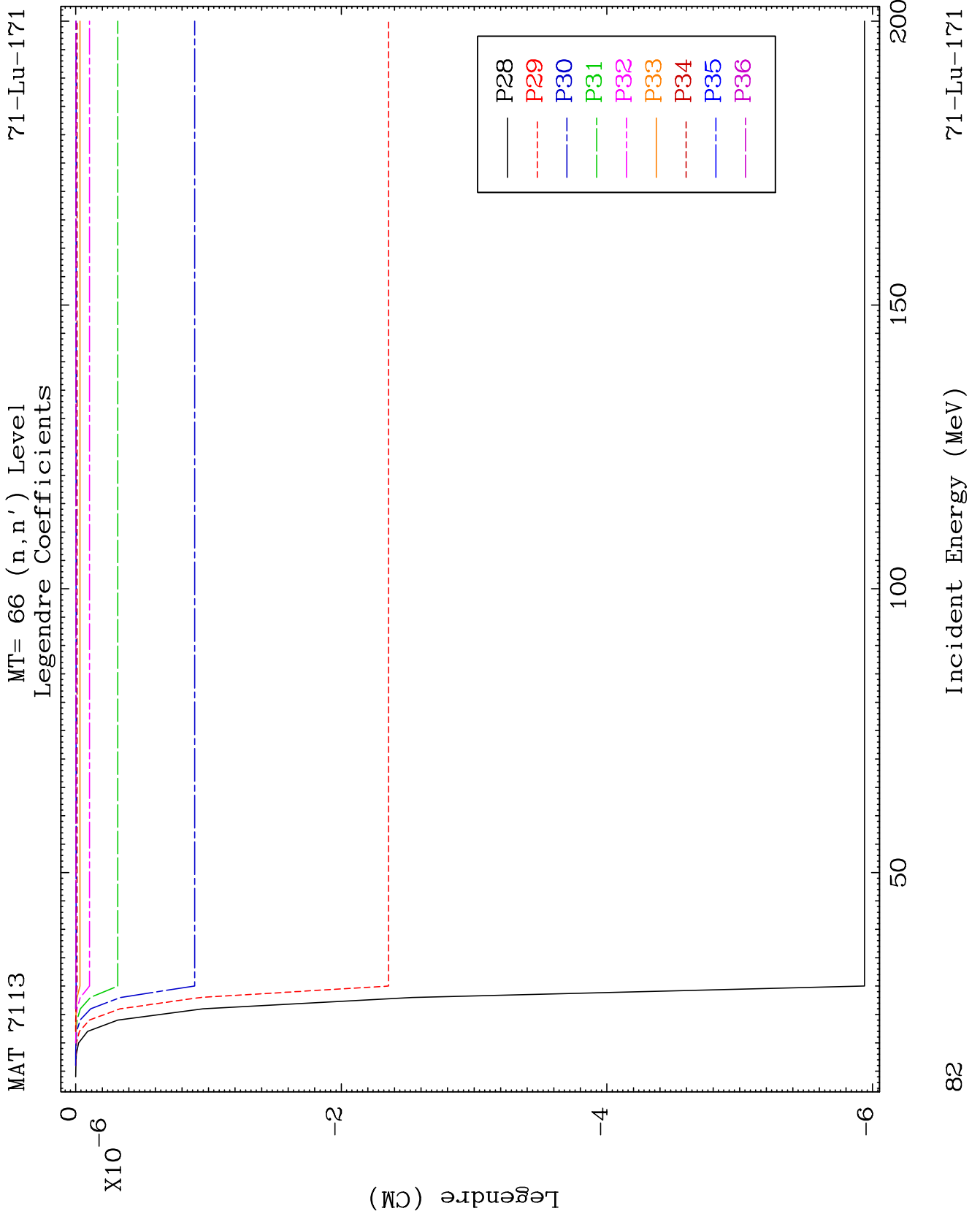
MT= 66 (n,n') Level
Legendre Coefficients

71-Lu-171



81

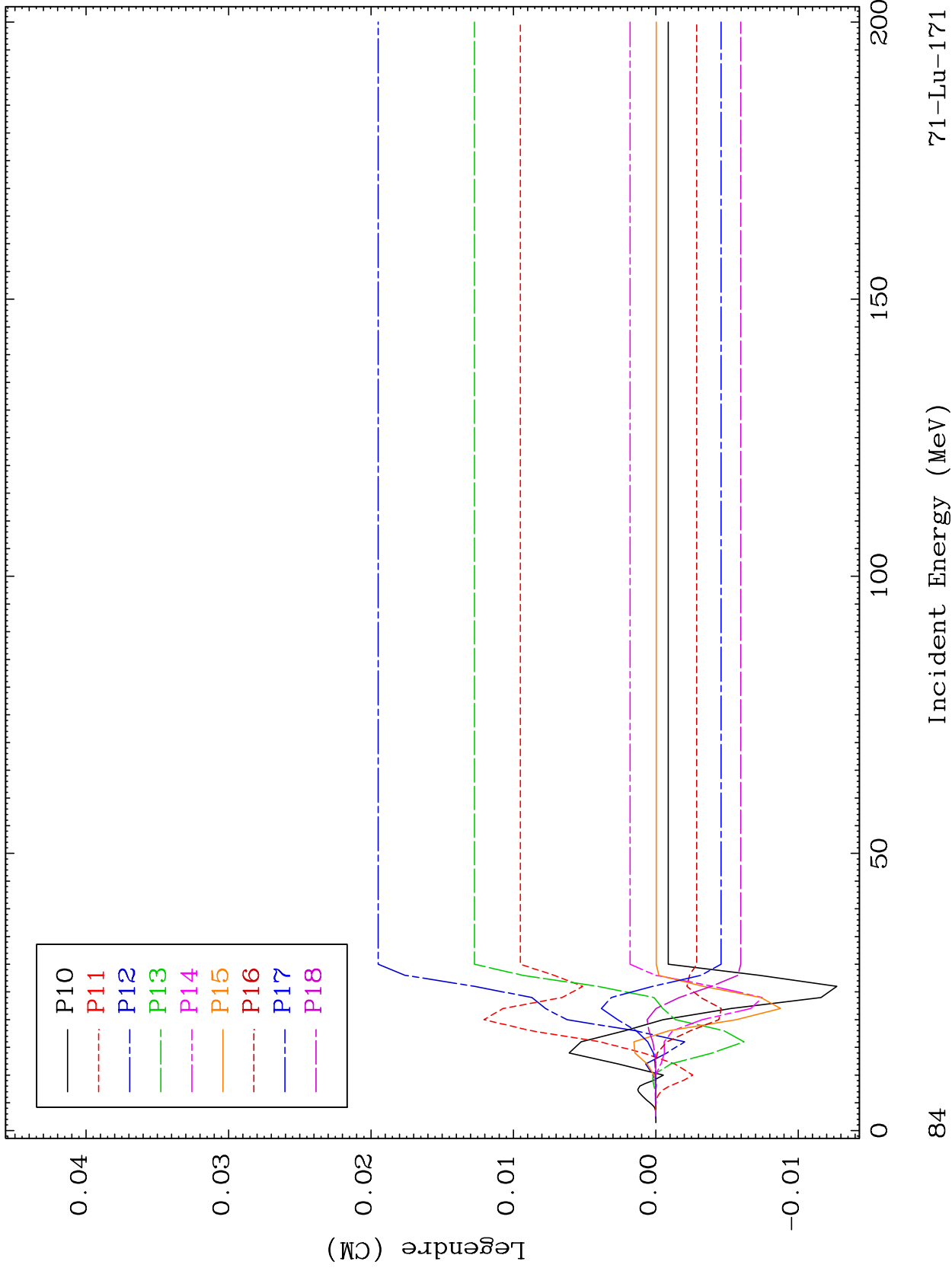
71-Lu-171



MAT 7113

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

71-Lu-171



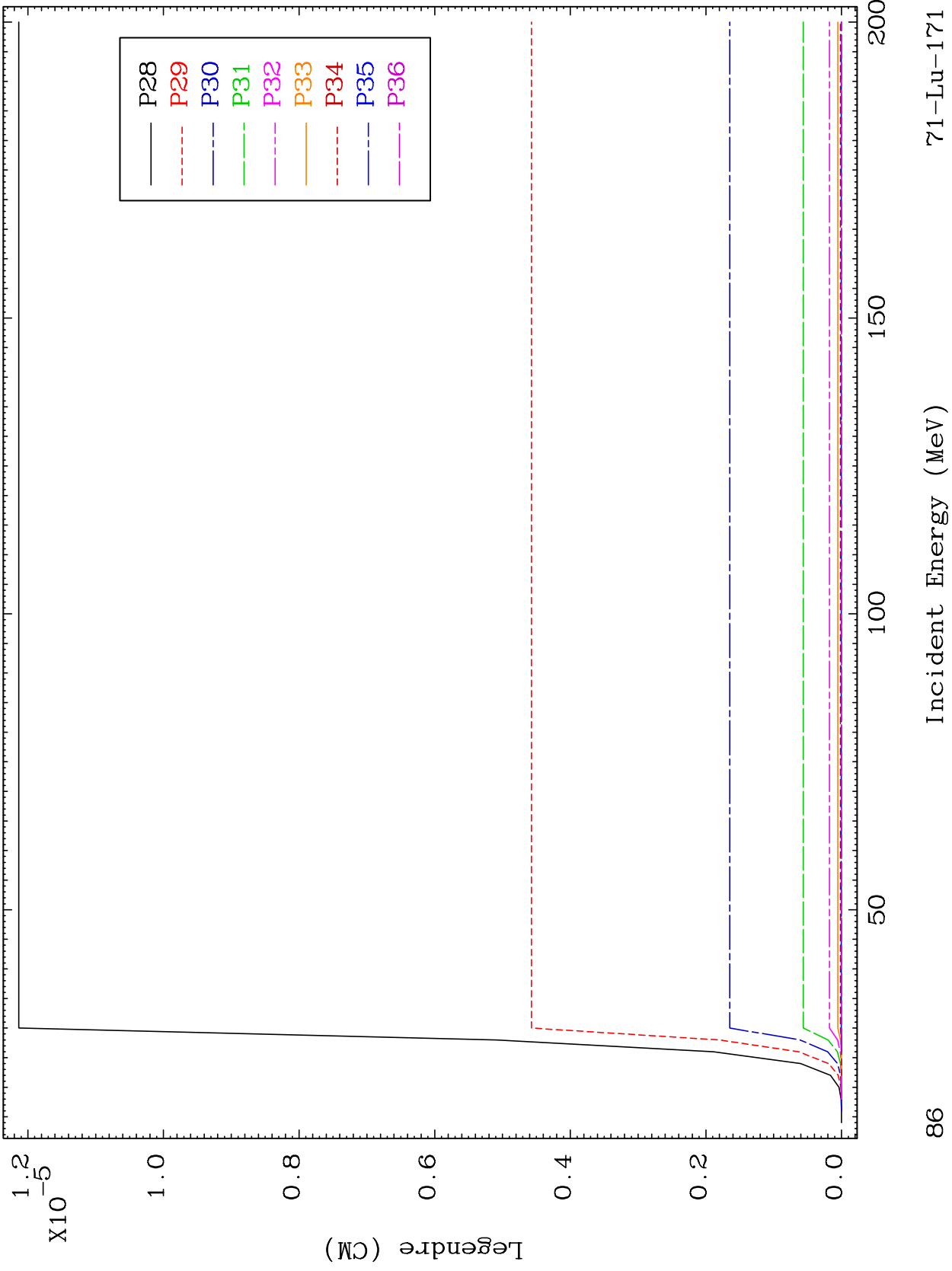
84

71-Lu-171

MAT 7113

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

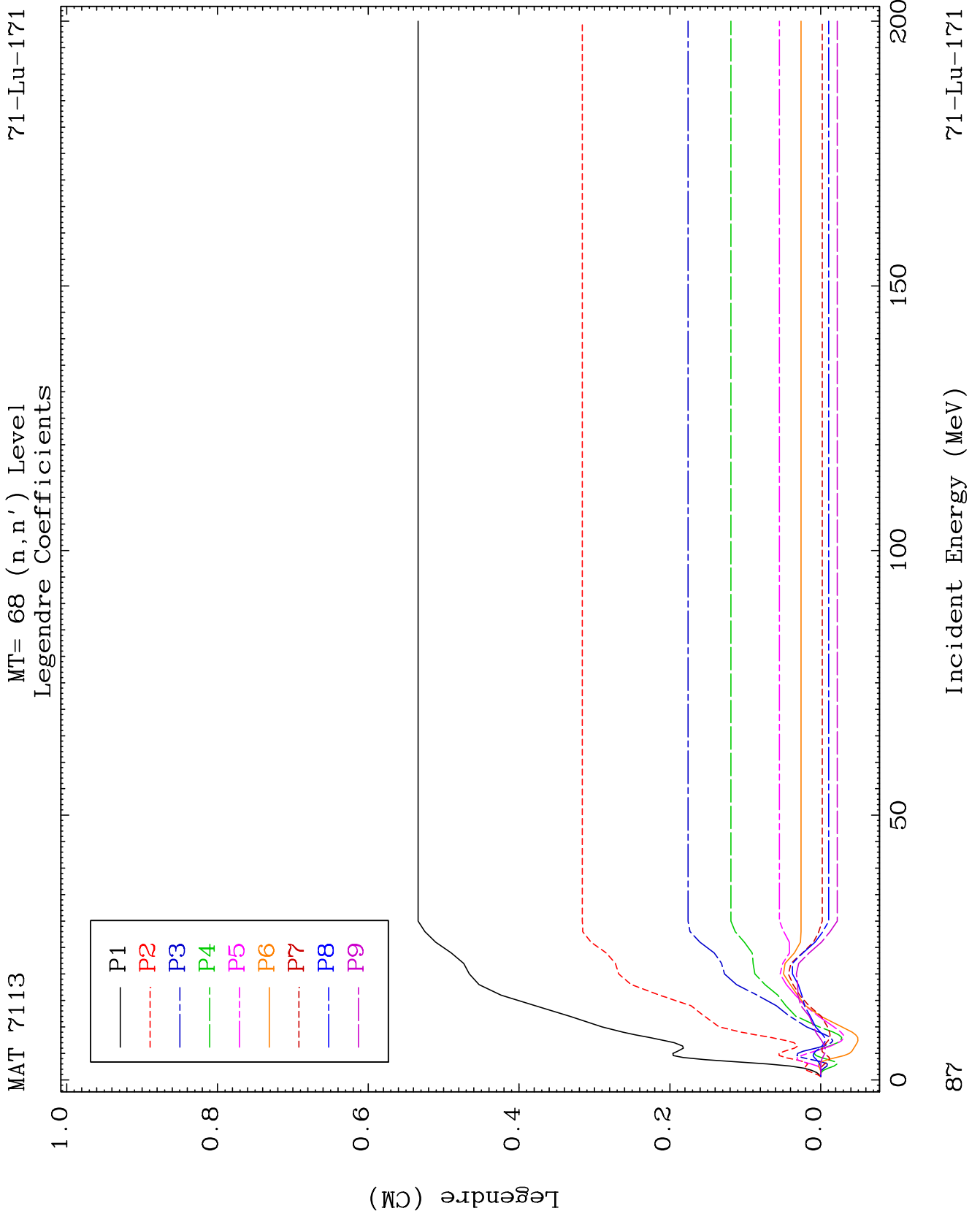
71-Lu-171

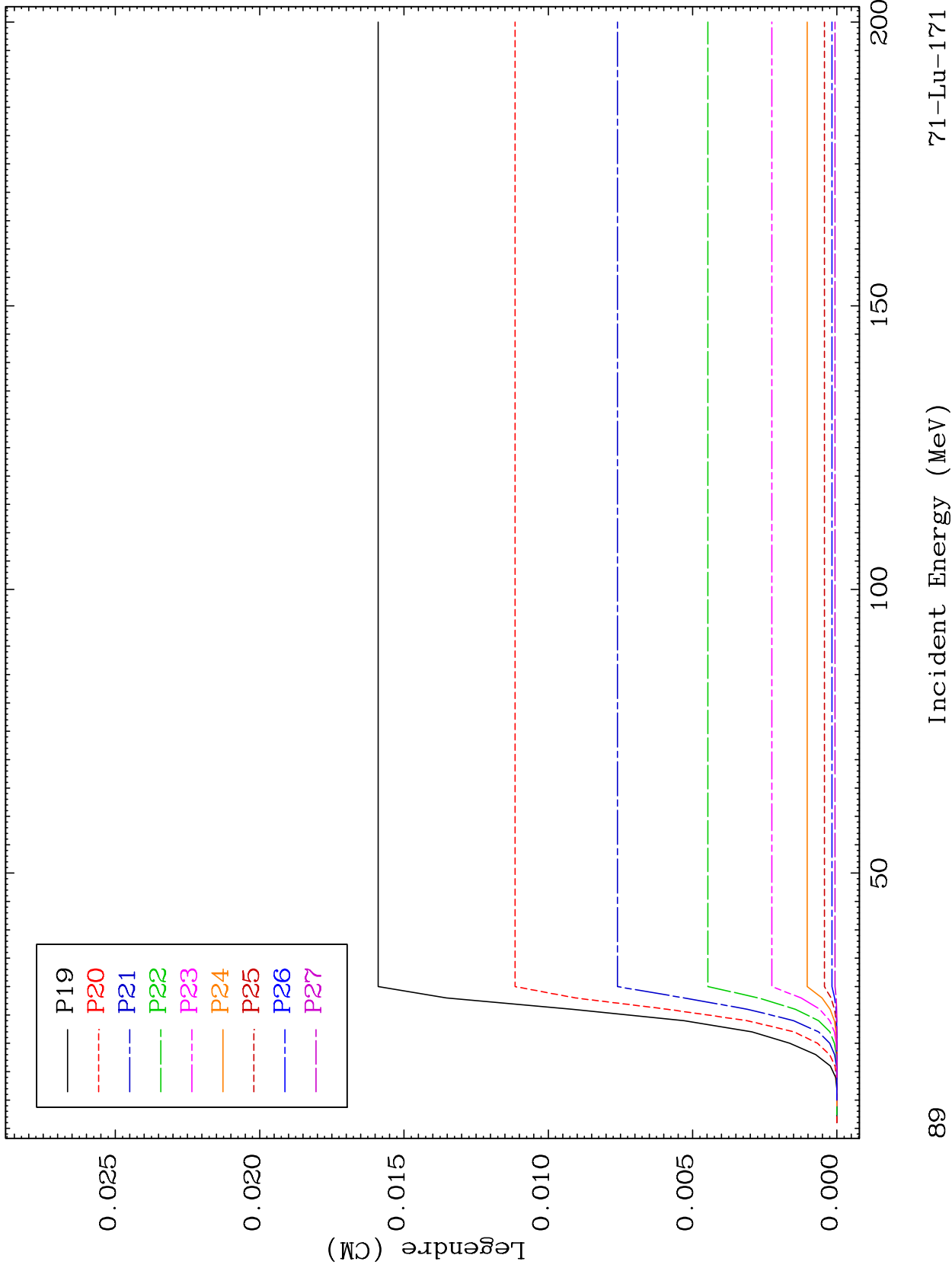


86

Incident Energy (MeV)

71-Lu-171

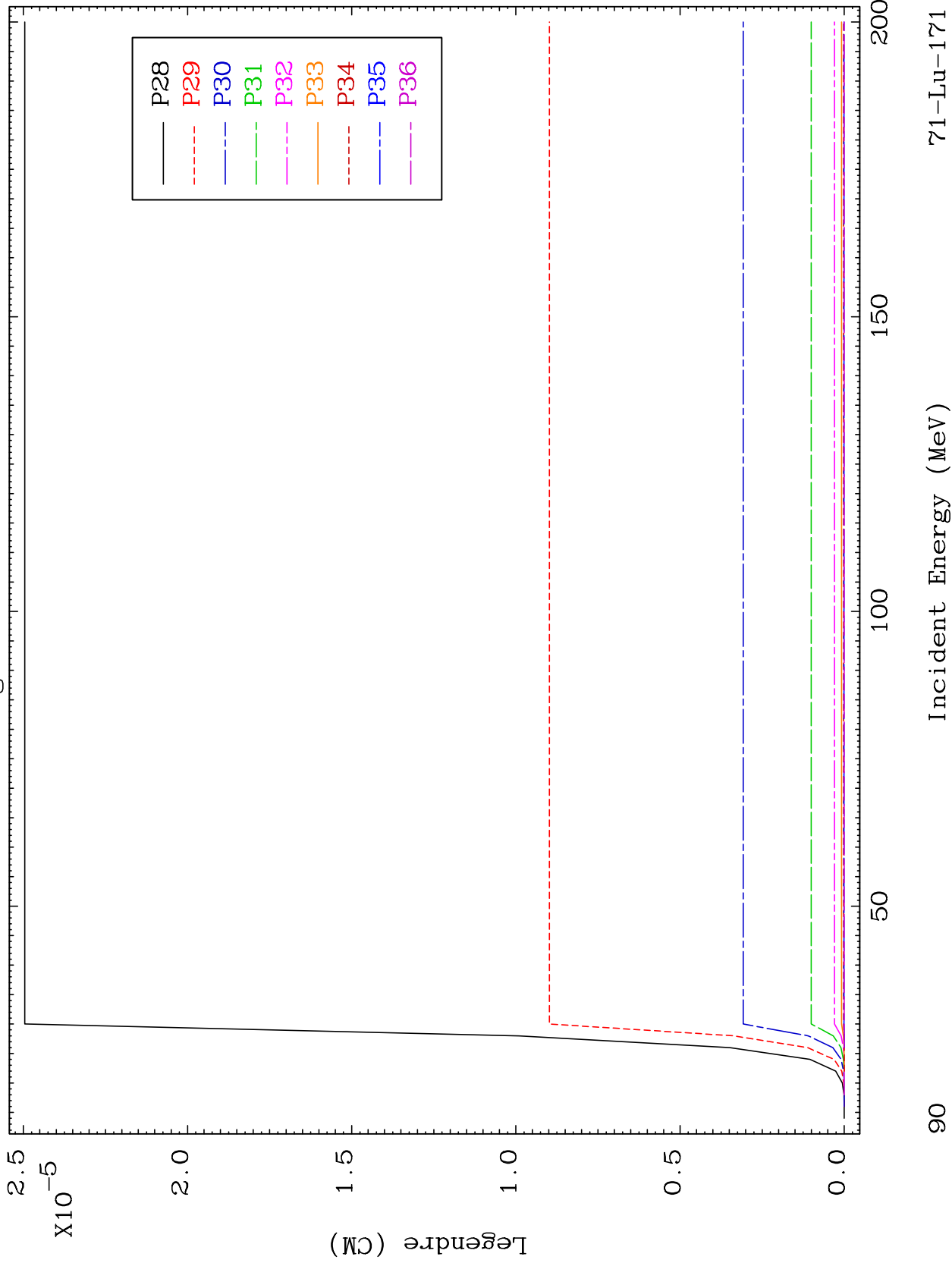




MAT 7113

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

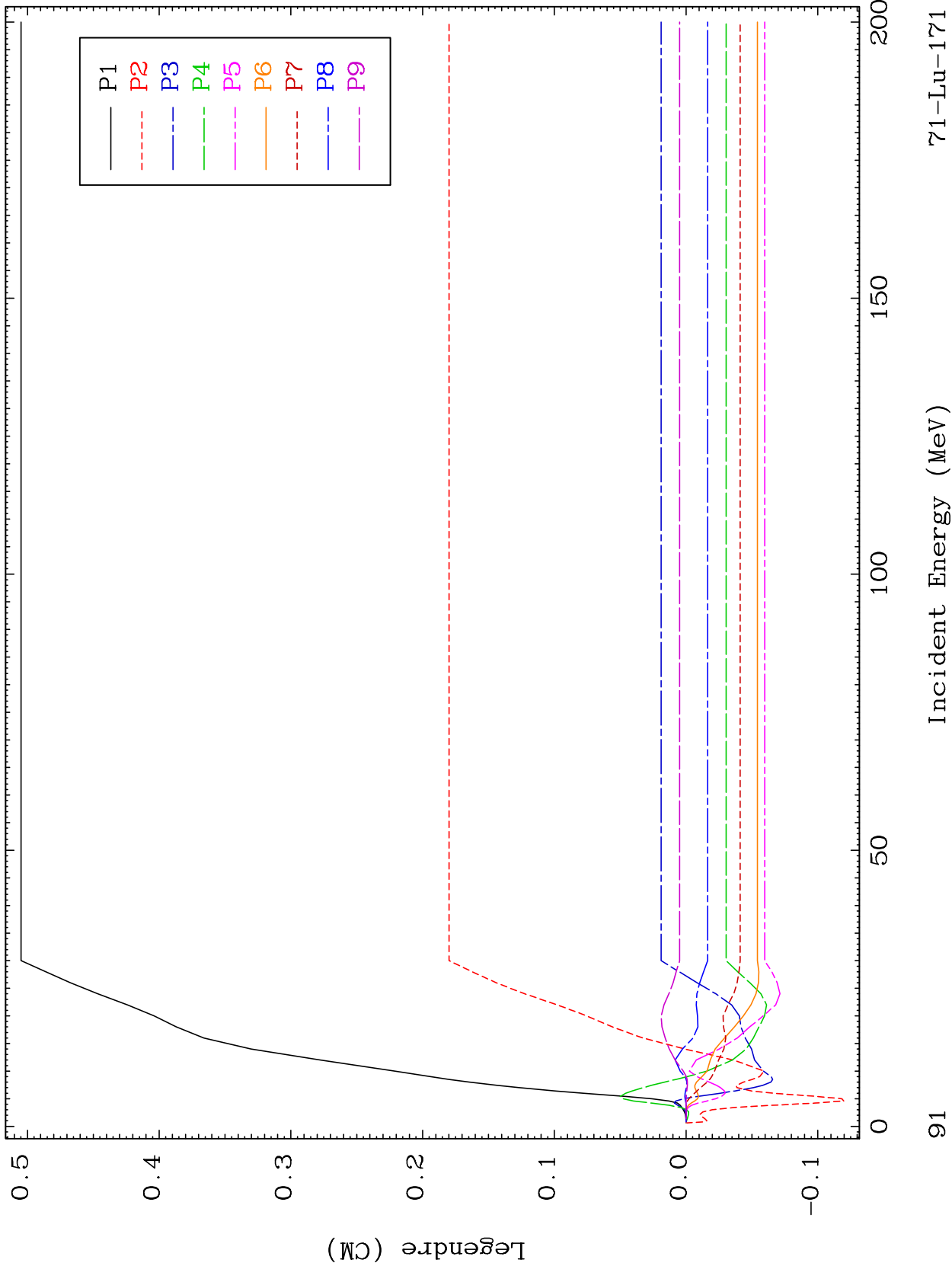
71-Lu-171



MAT 7113

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

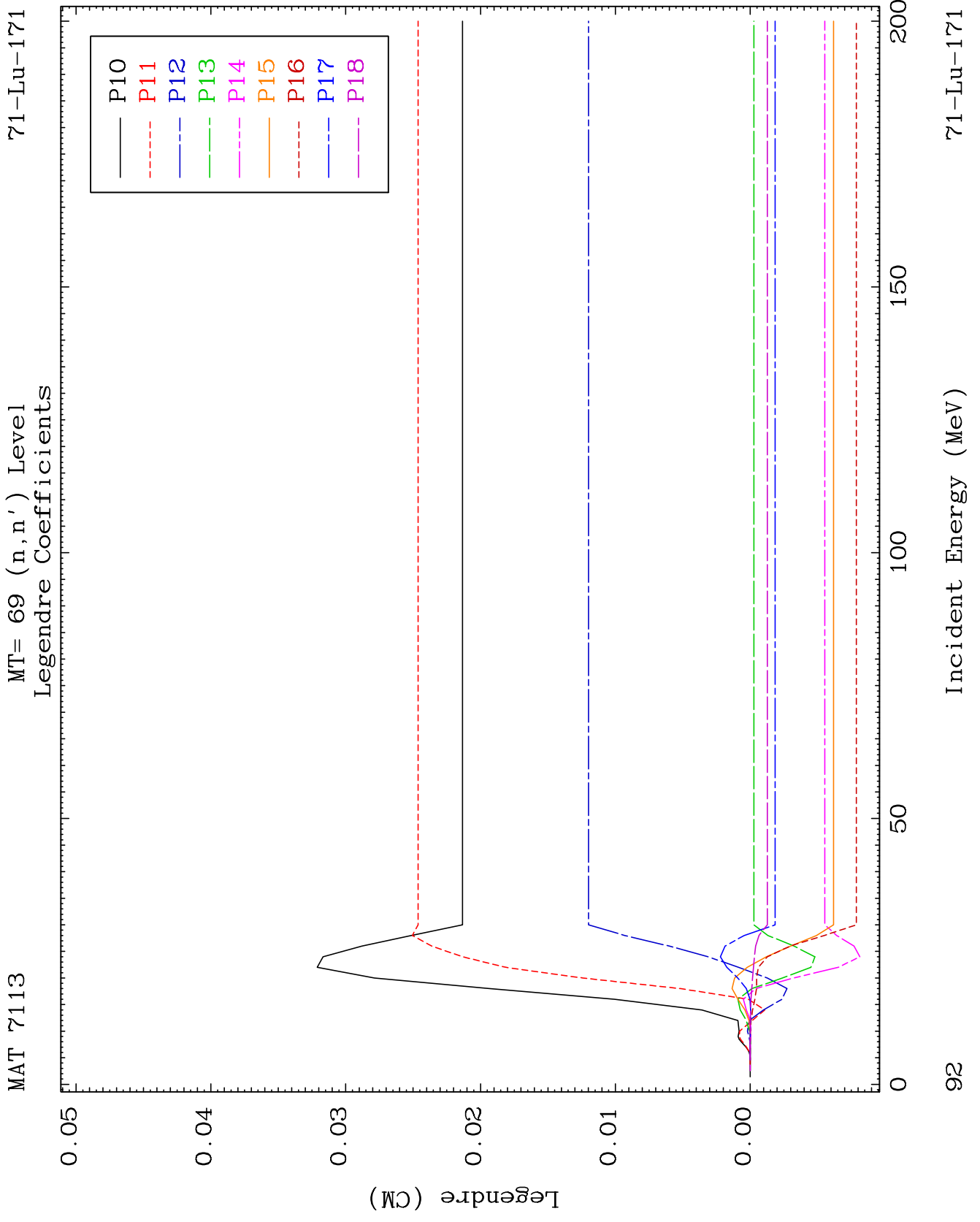
71-Lu-171



71-Lu-171

Incident Energy (MeV)

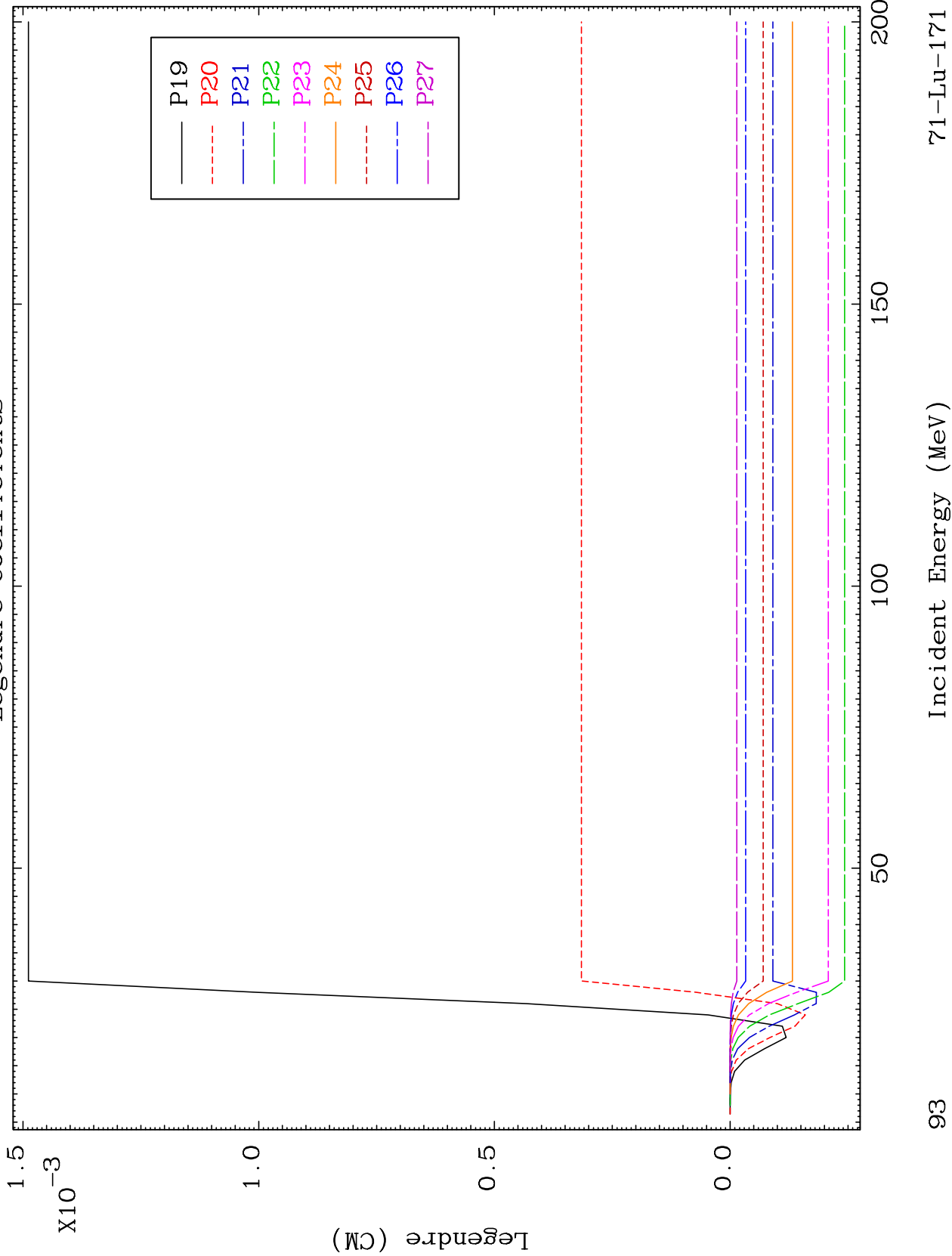
91

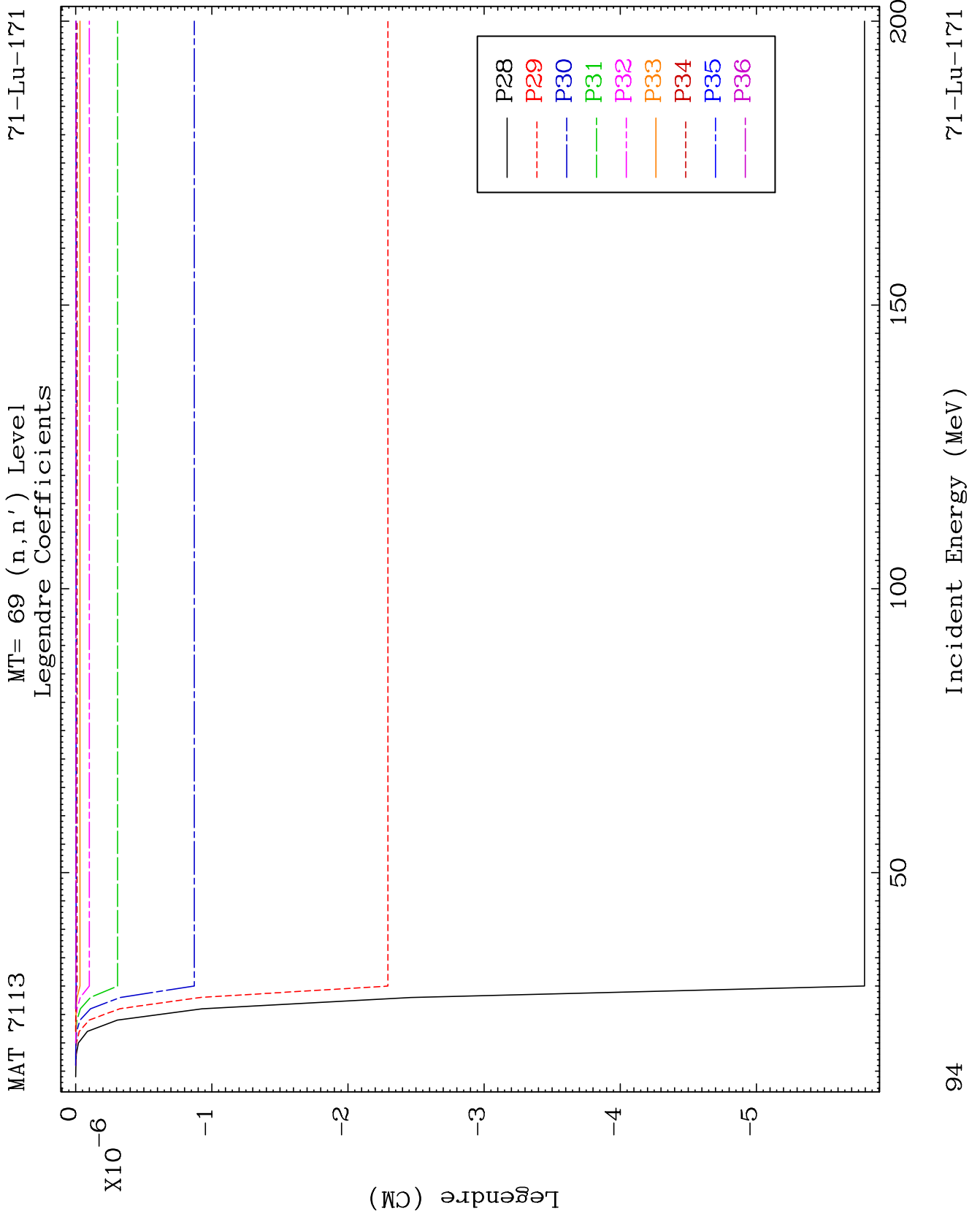


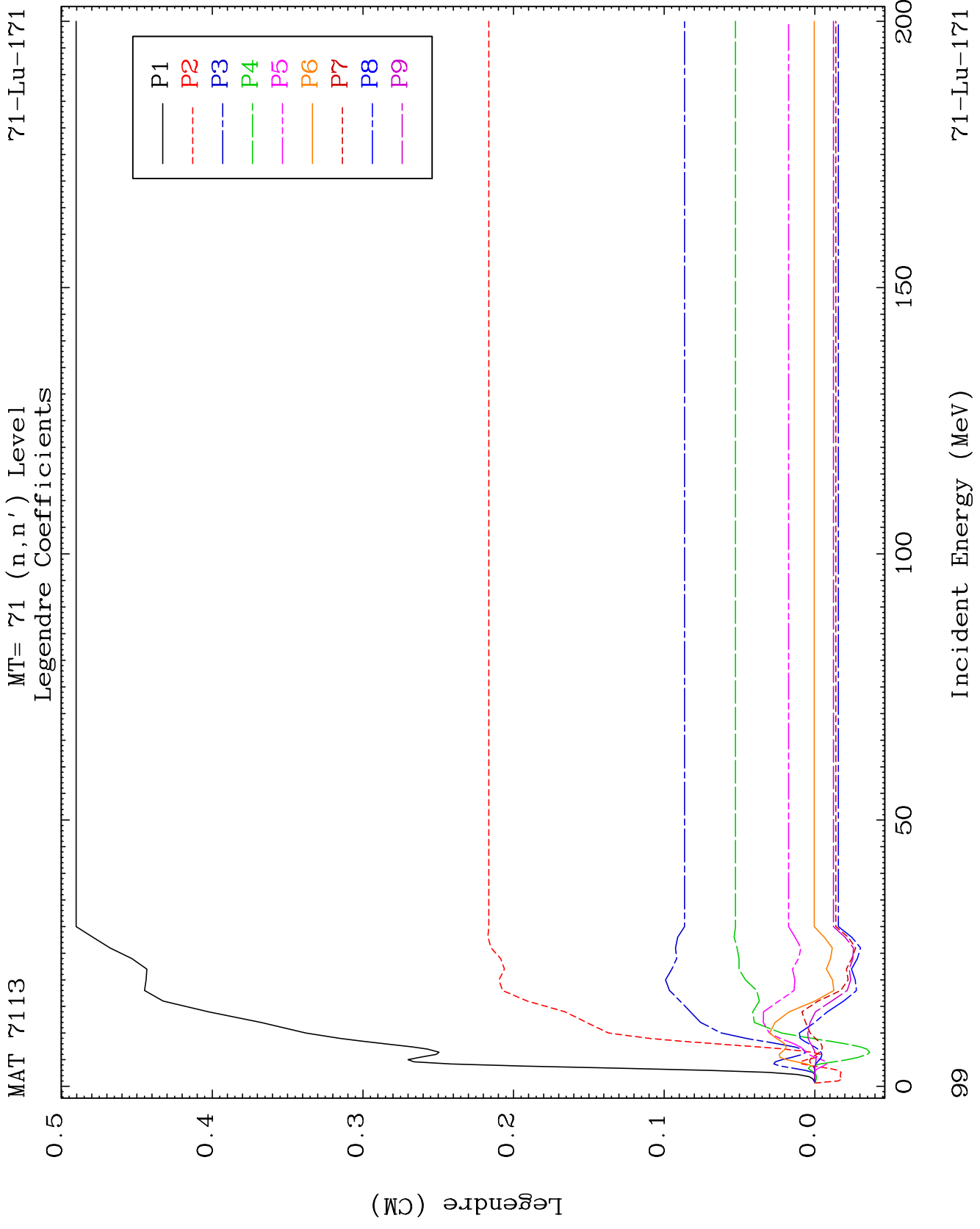
MAT 7113

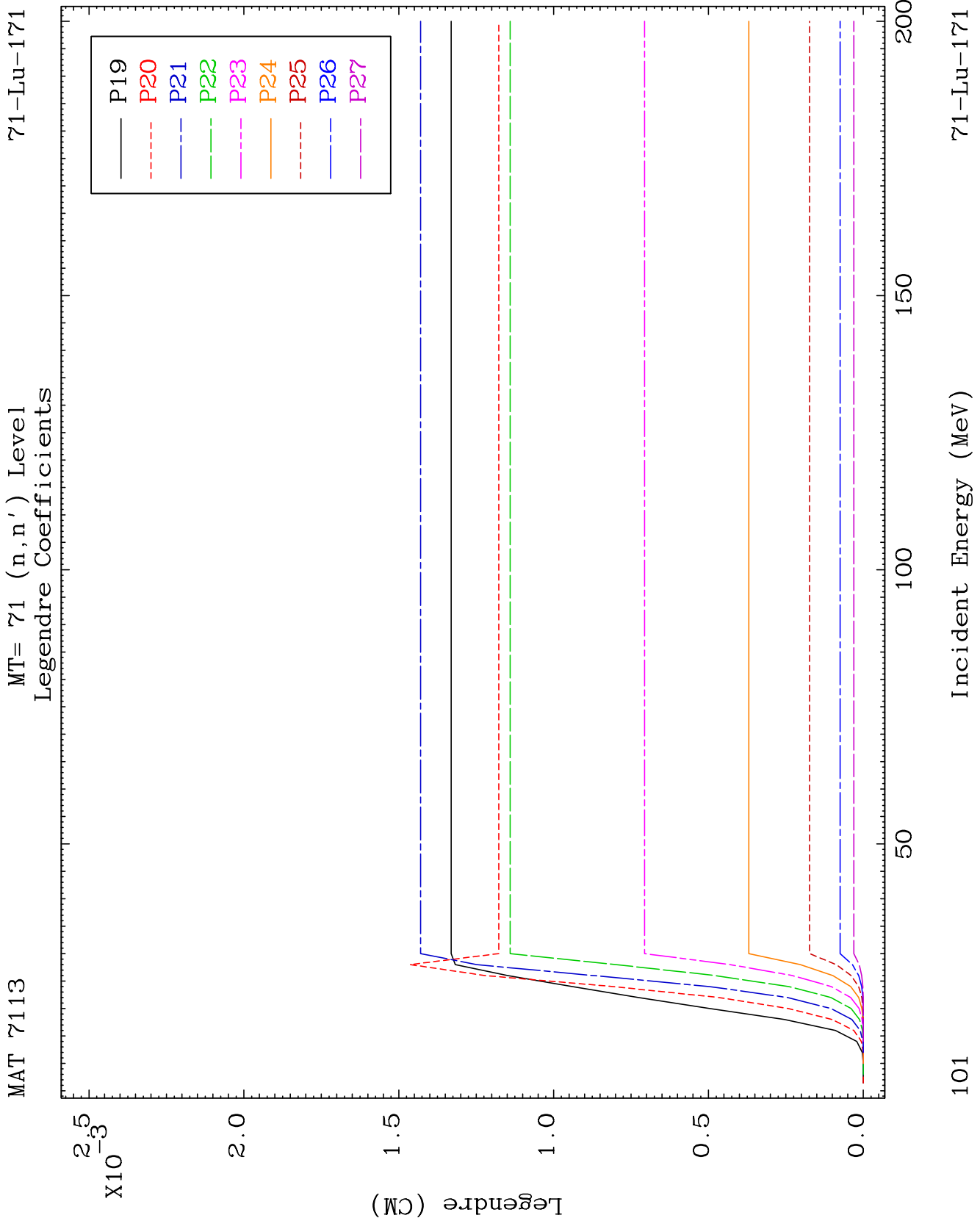
MT= 69 (n,n') Level
Legendre Coefficients

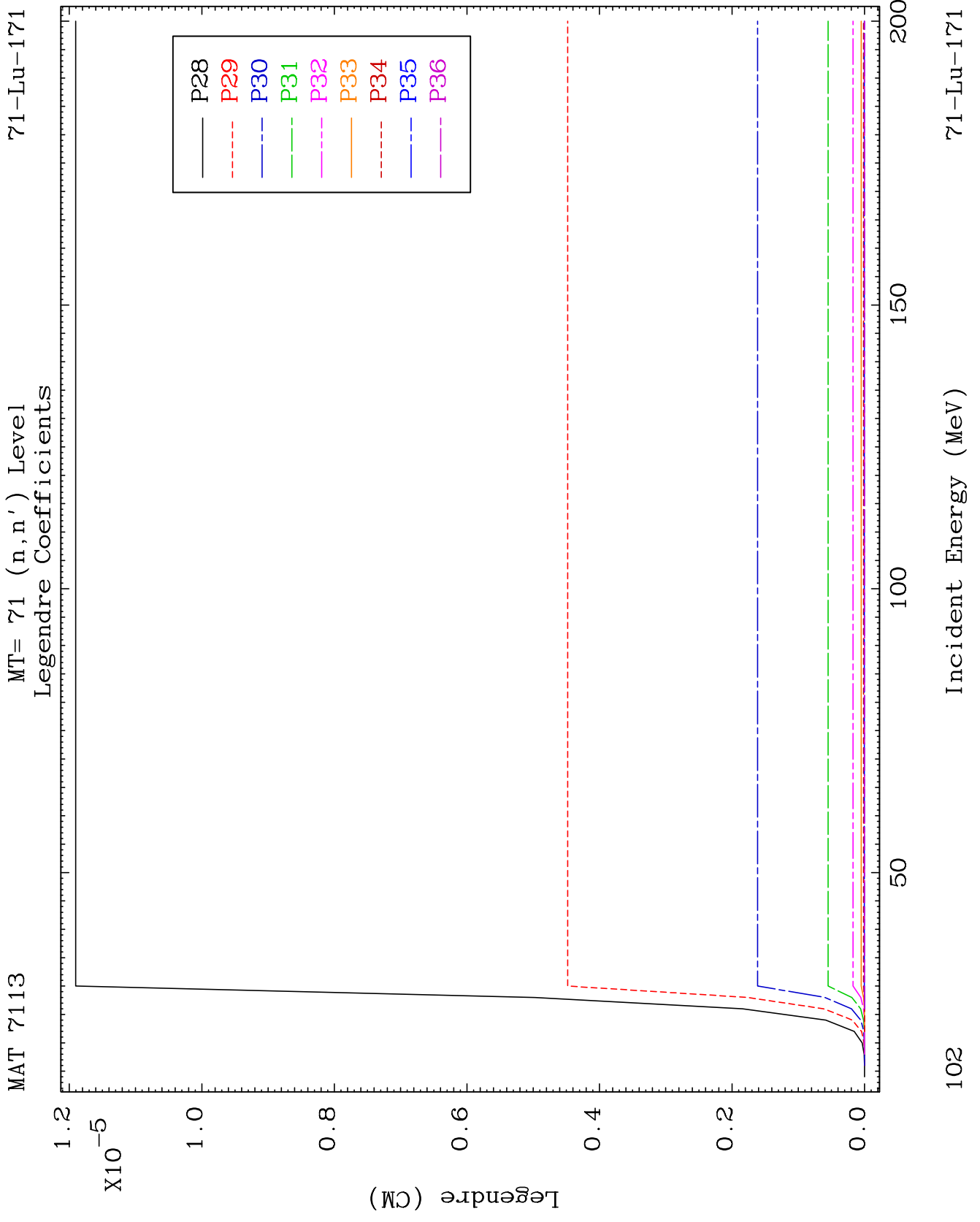
71-Lu-171

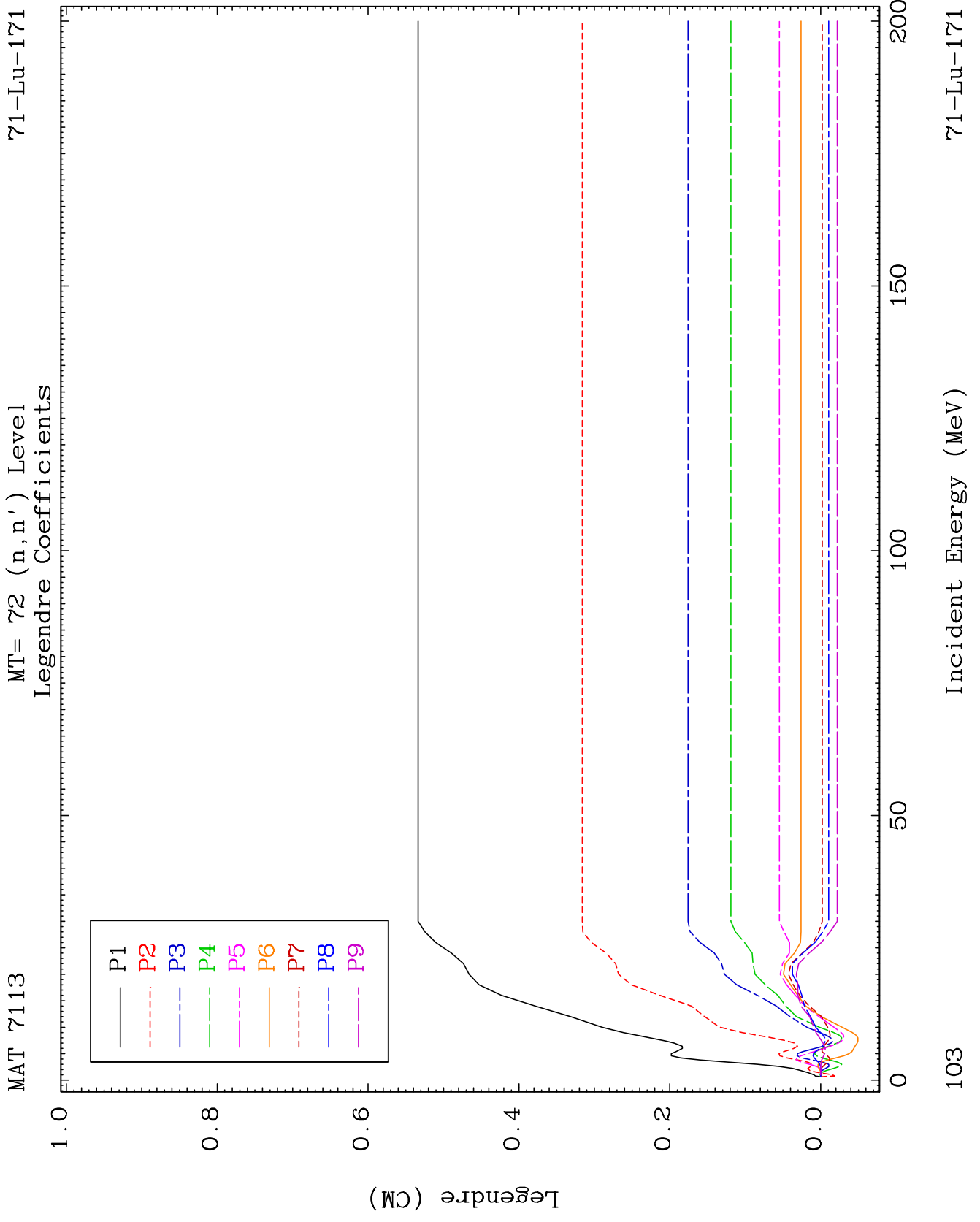


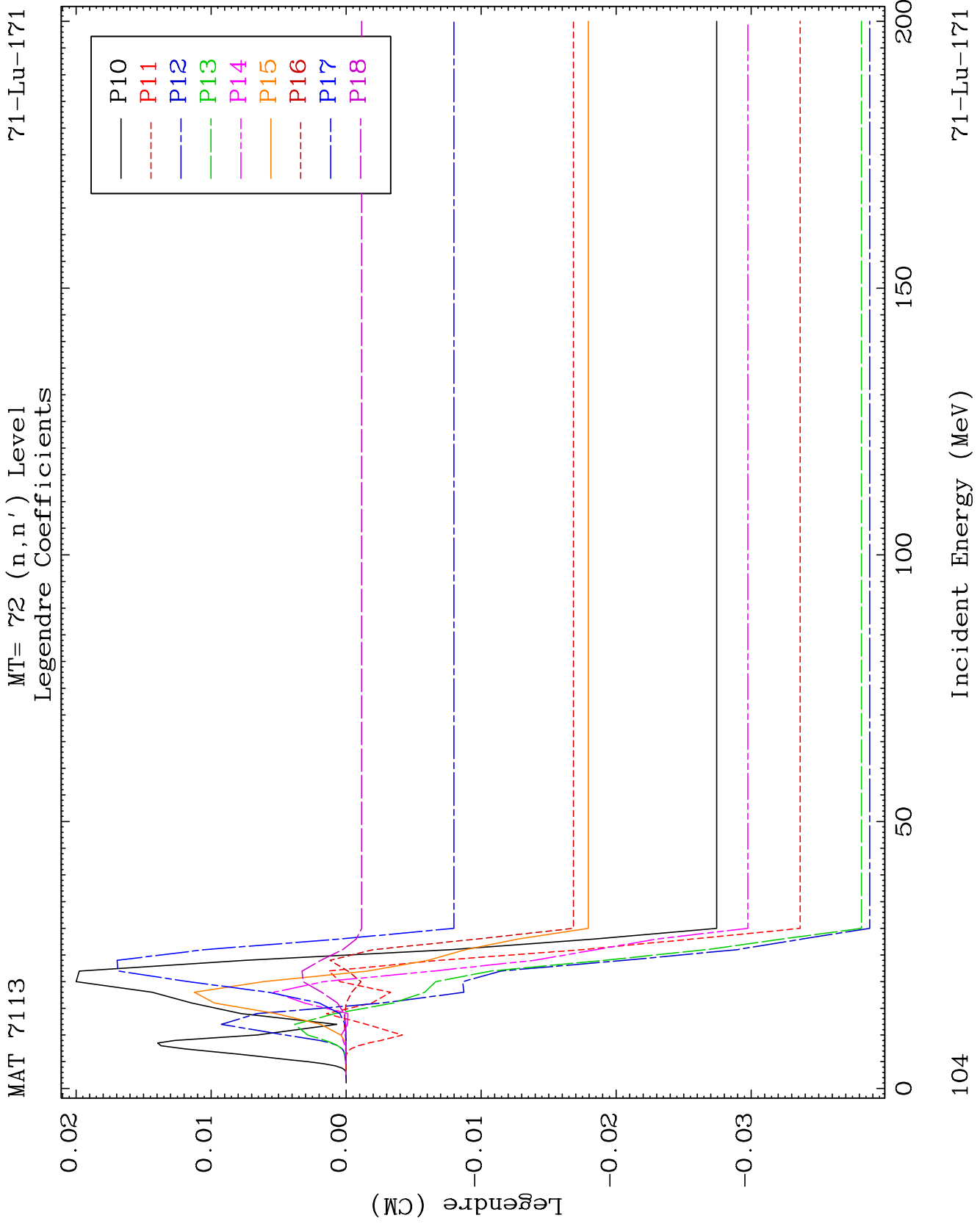








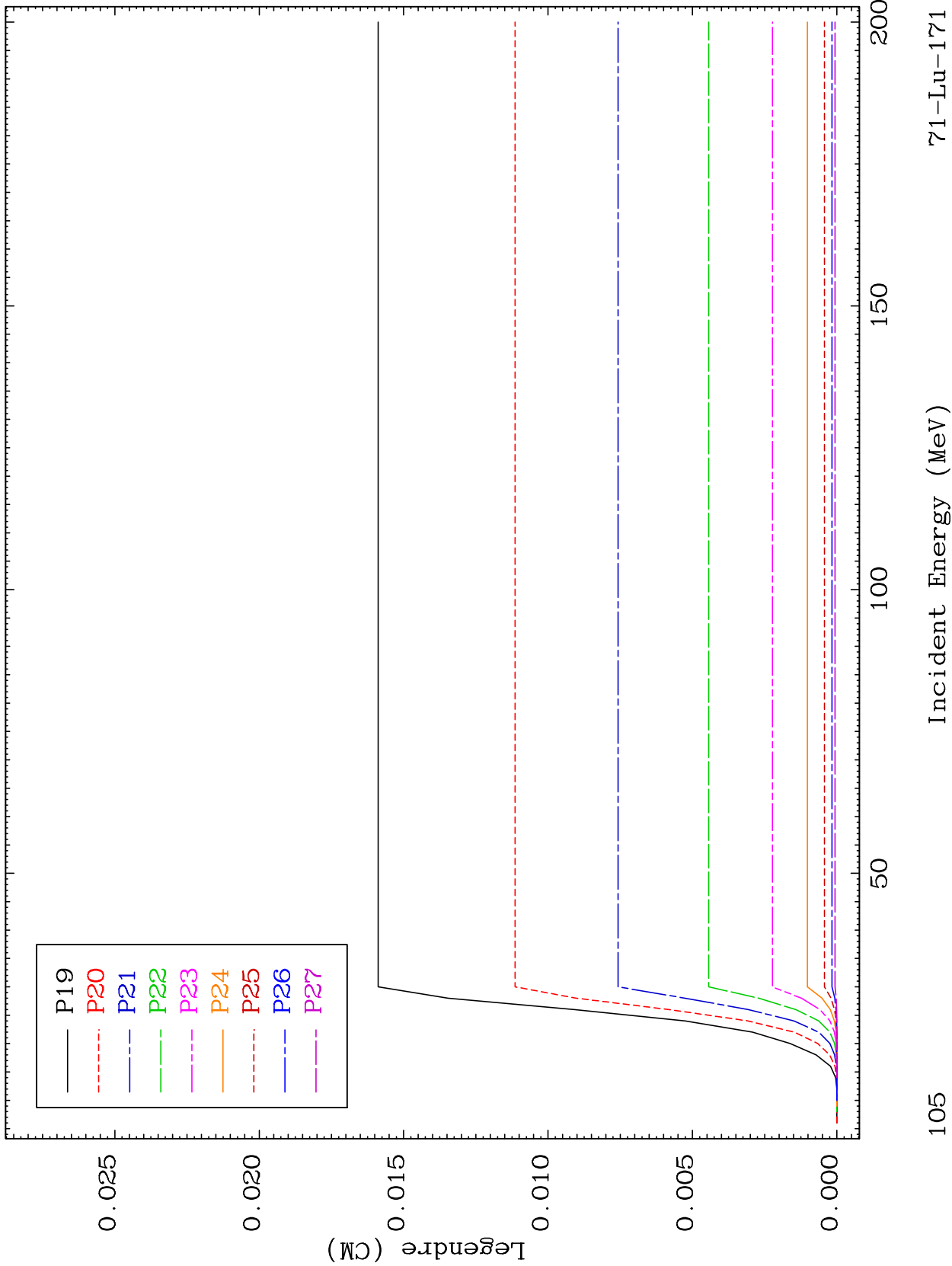




MAT 7113

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

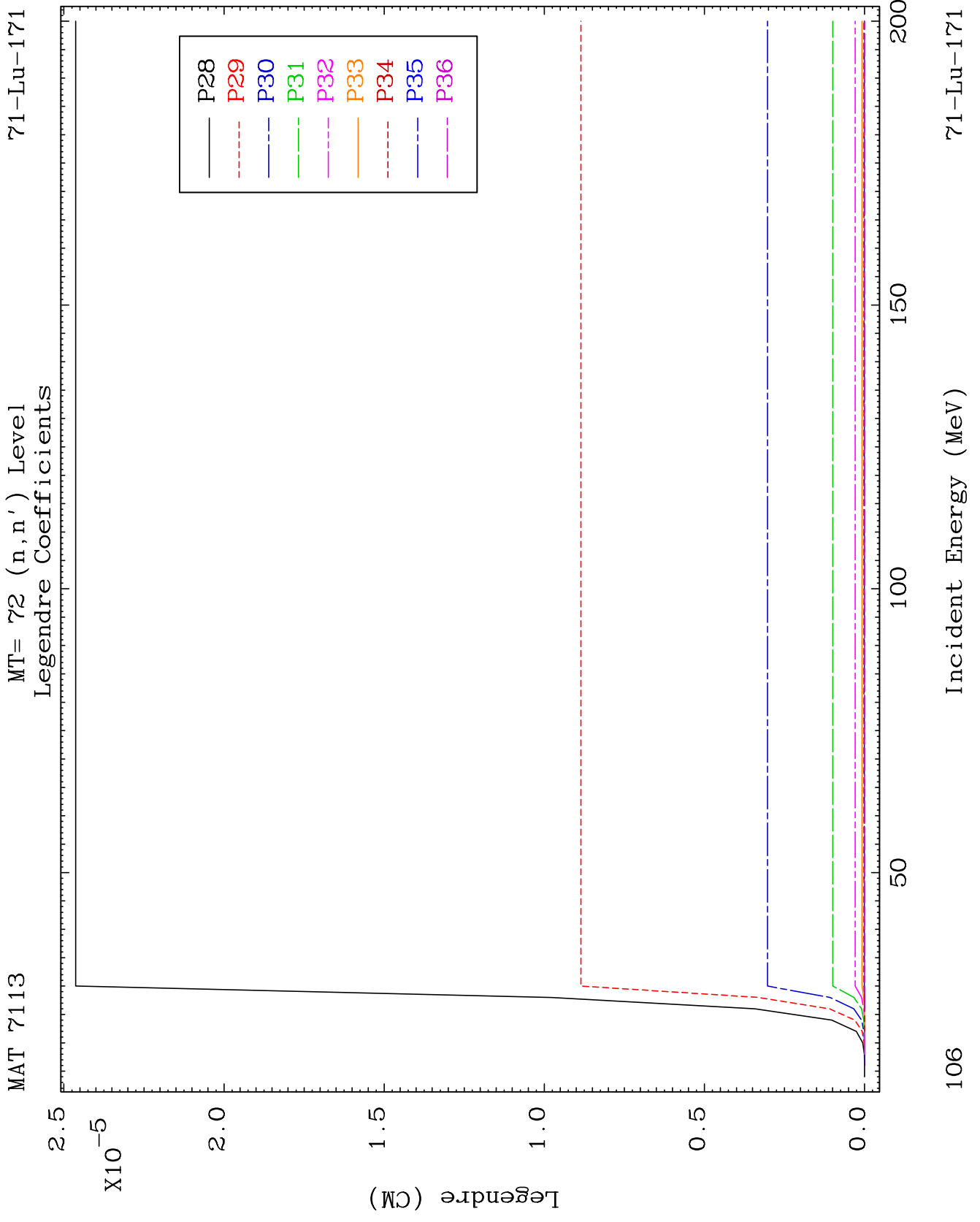
71-Lu-171



105

Incident Energy (MeV)

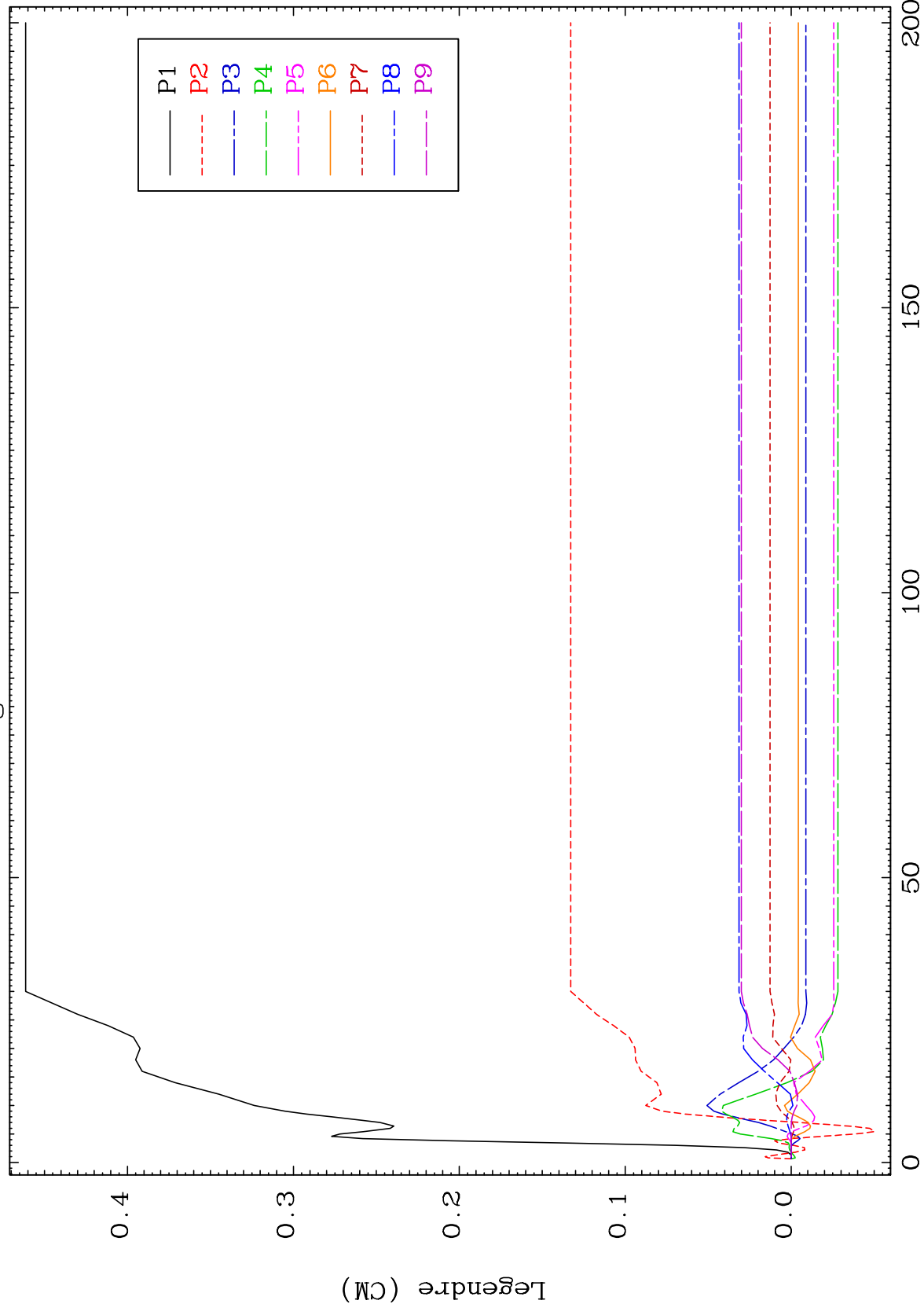
71-Lu-171



MAT 7113

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

71-Lu-171



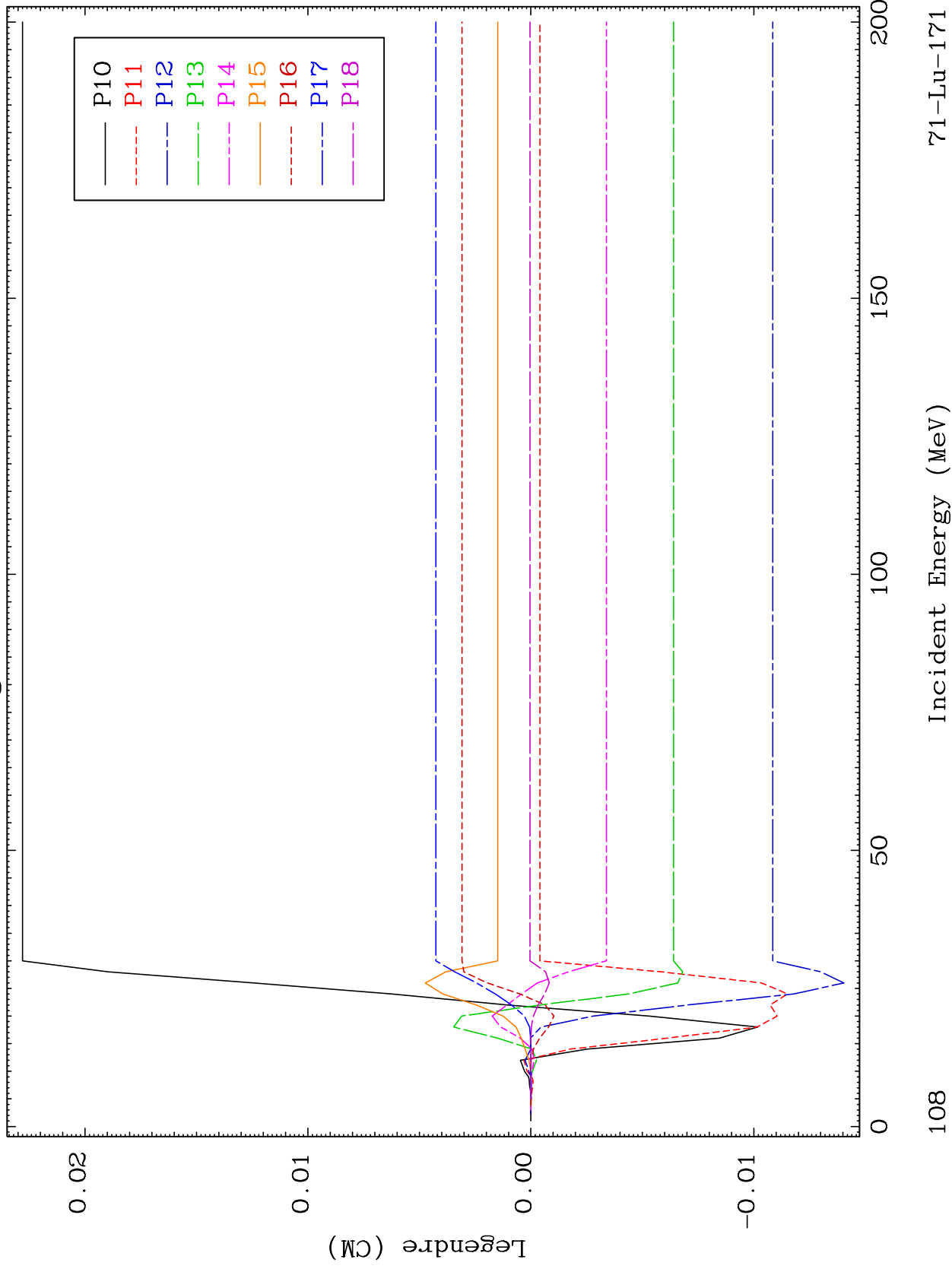
107

71-Lu-171

MAT 7113

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

71-Lu-171



71-Lu-171

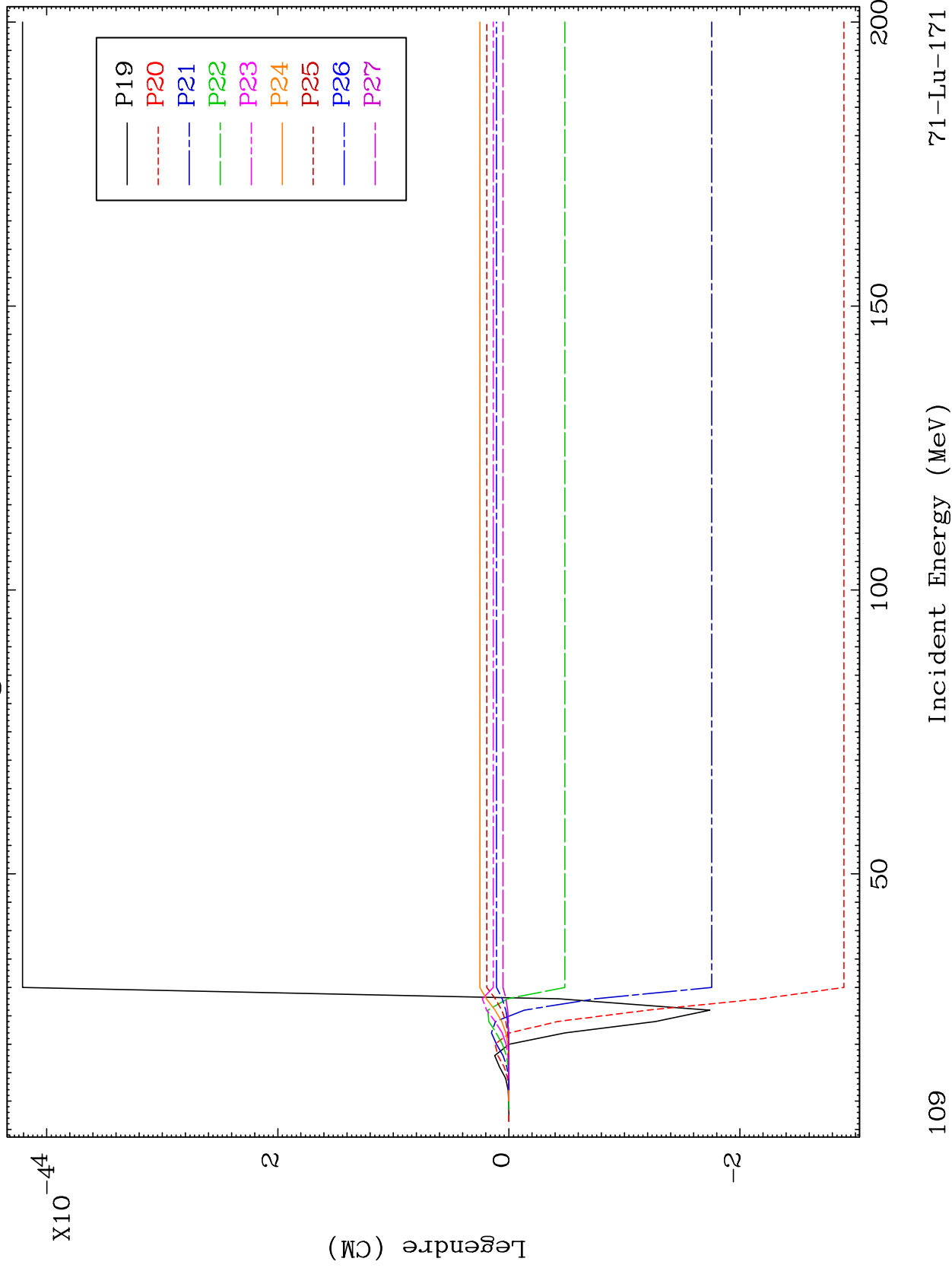
Incident Energy (MeV)

108

MAT 7113

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

71-Lu-171

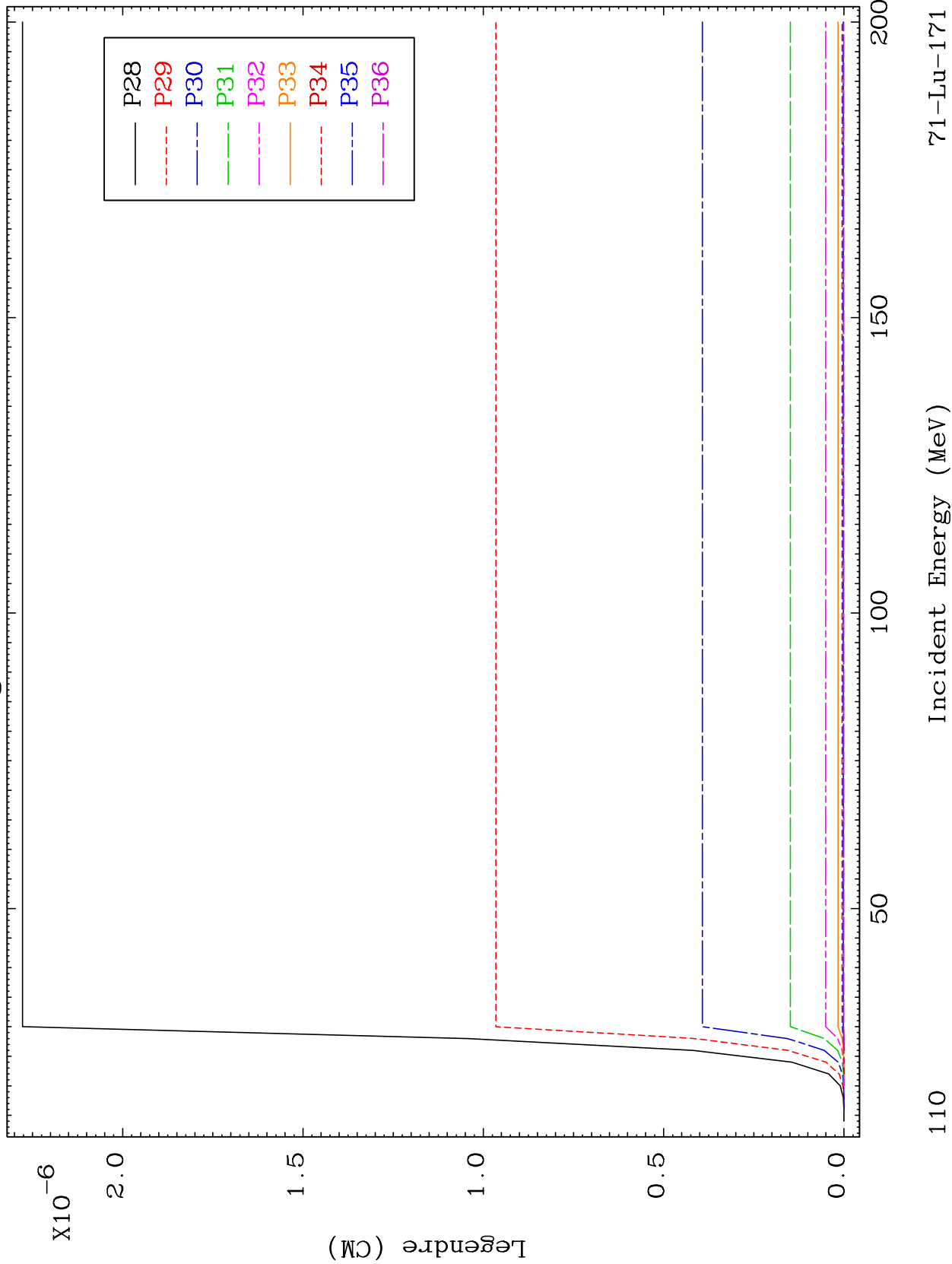


109

MAT 7113

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

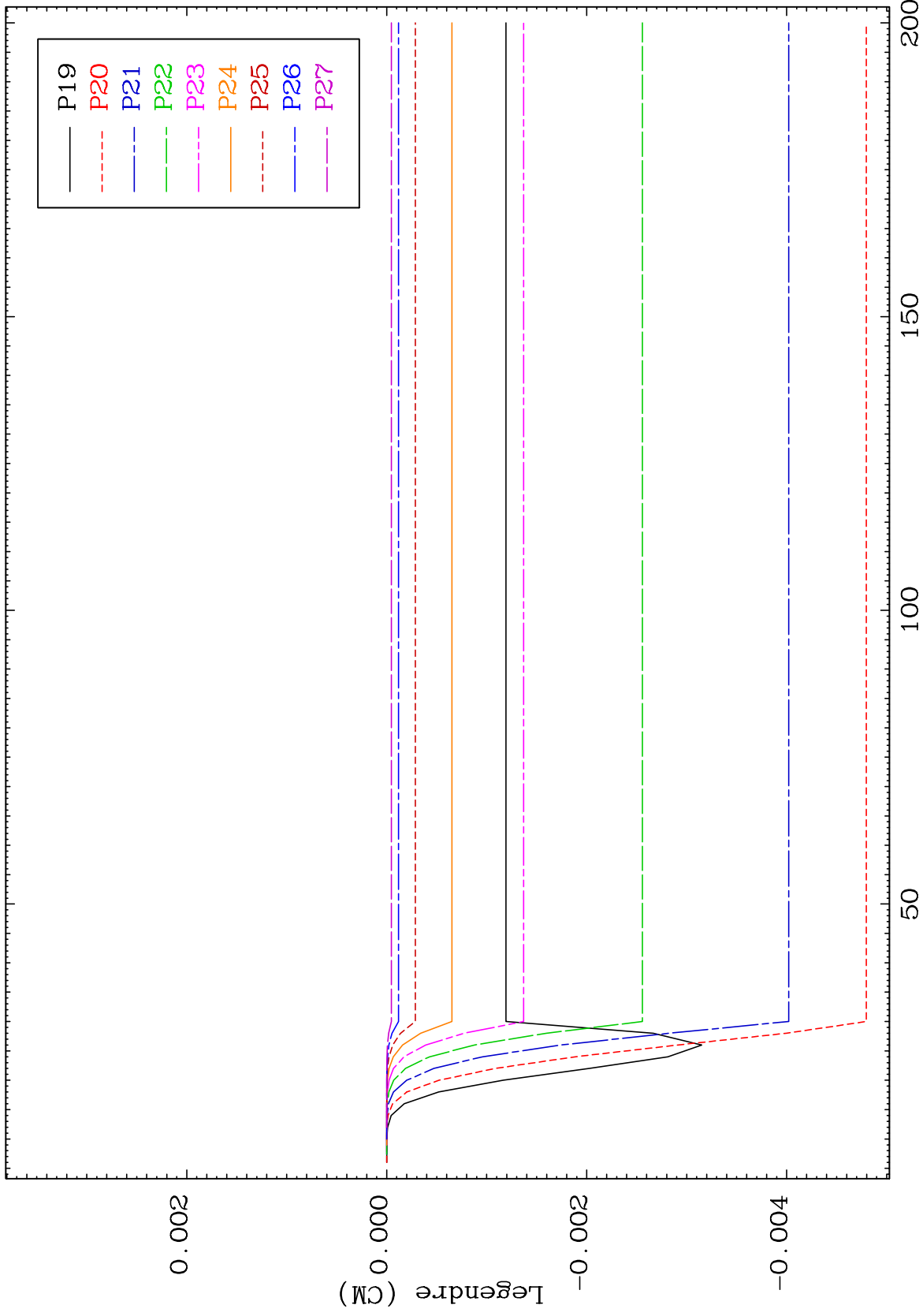
71-Lu-171



MAT 7113

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

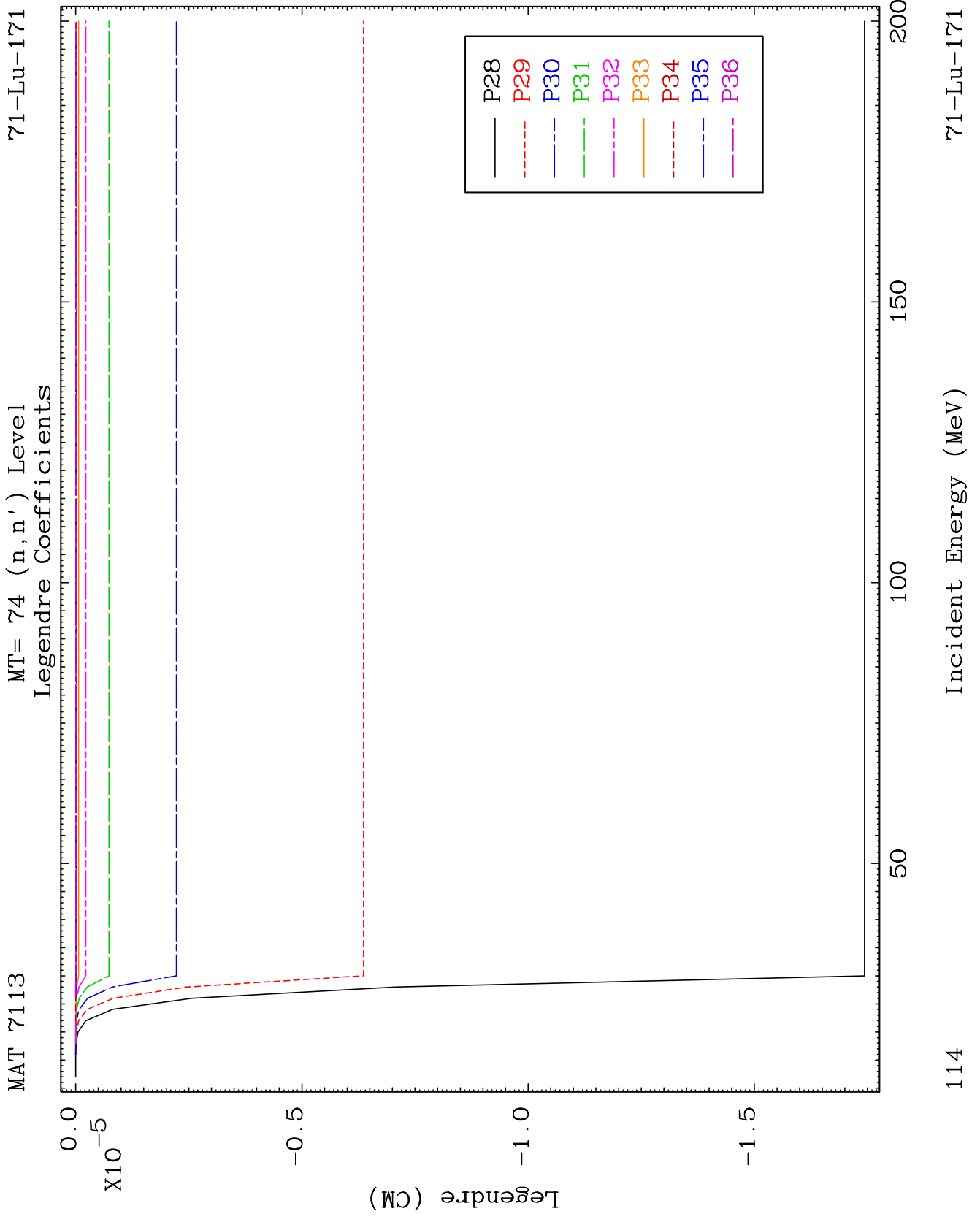
71-Lu-171

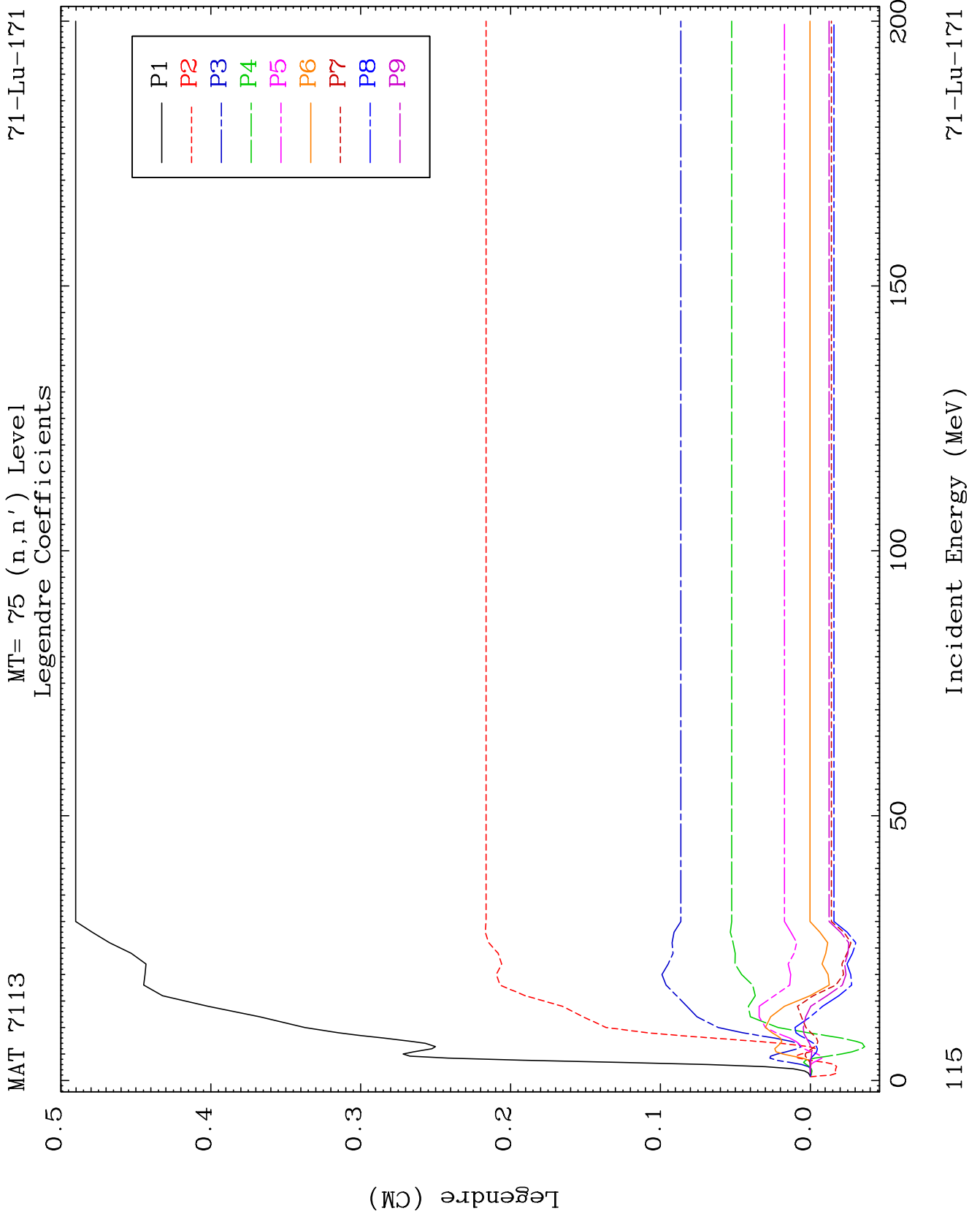


113

Incident Energy (MeV)

71-Lu-171

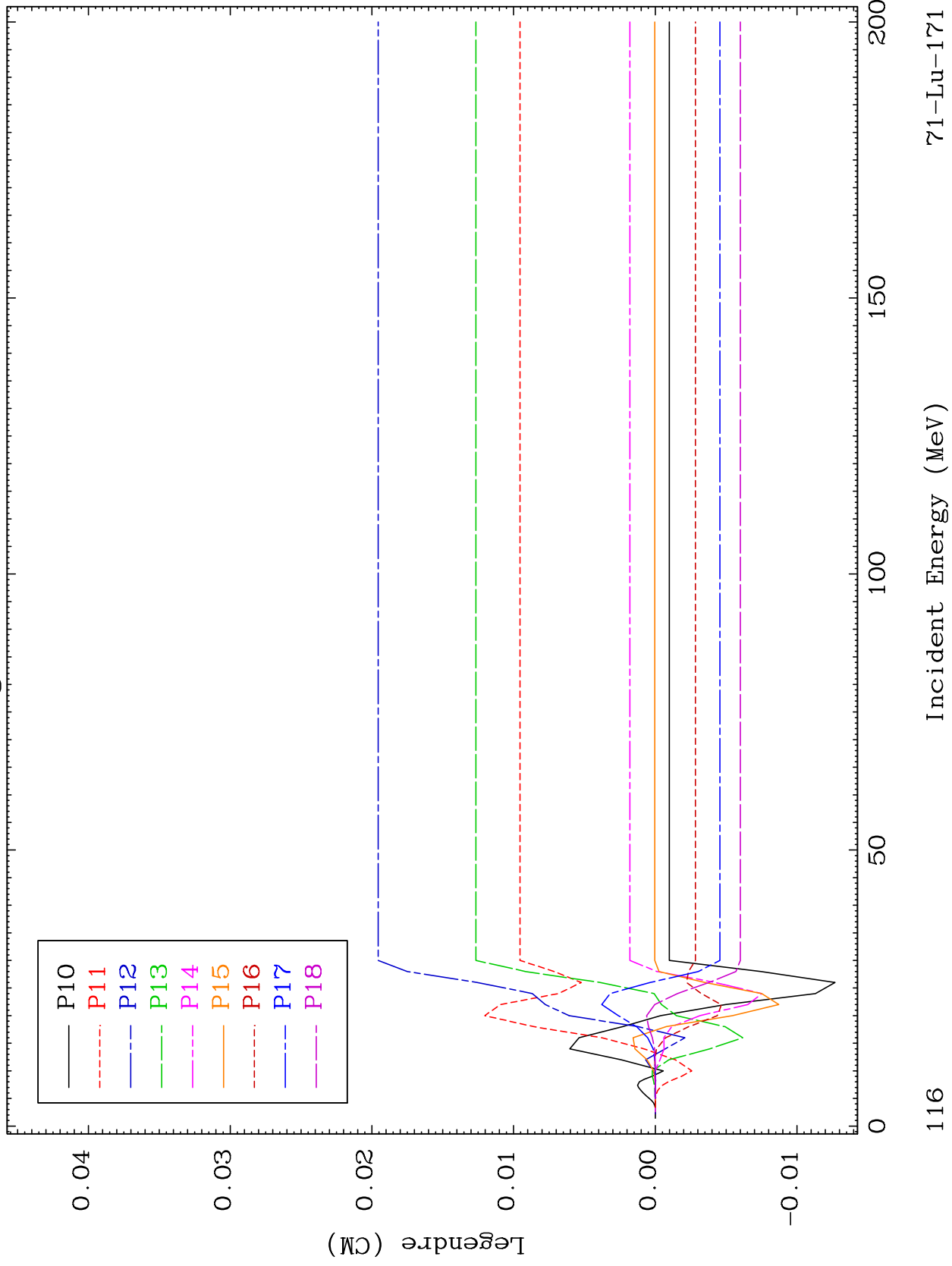




MAT 7113

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

71-Lu-171



116

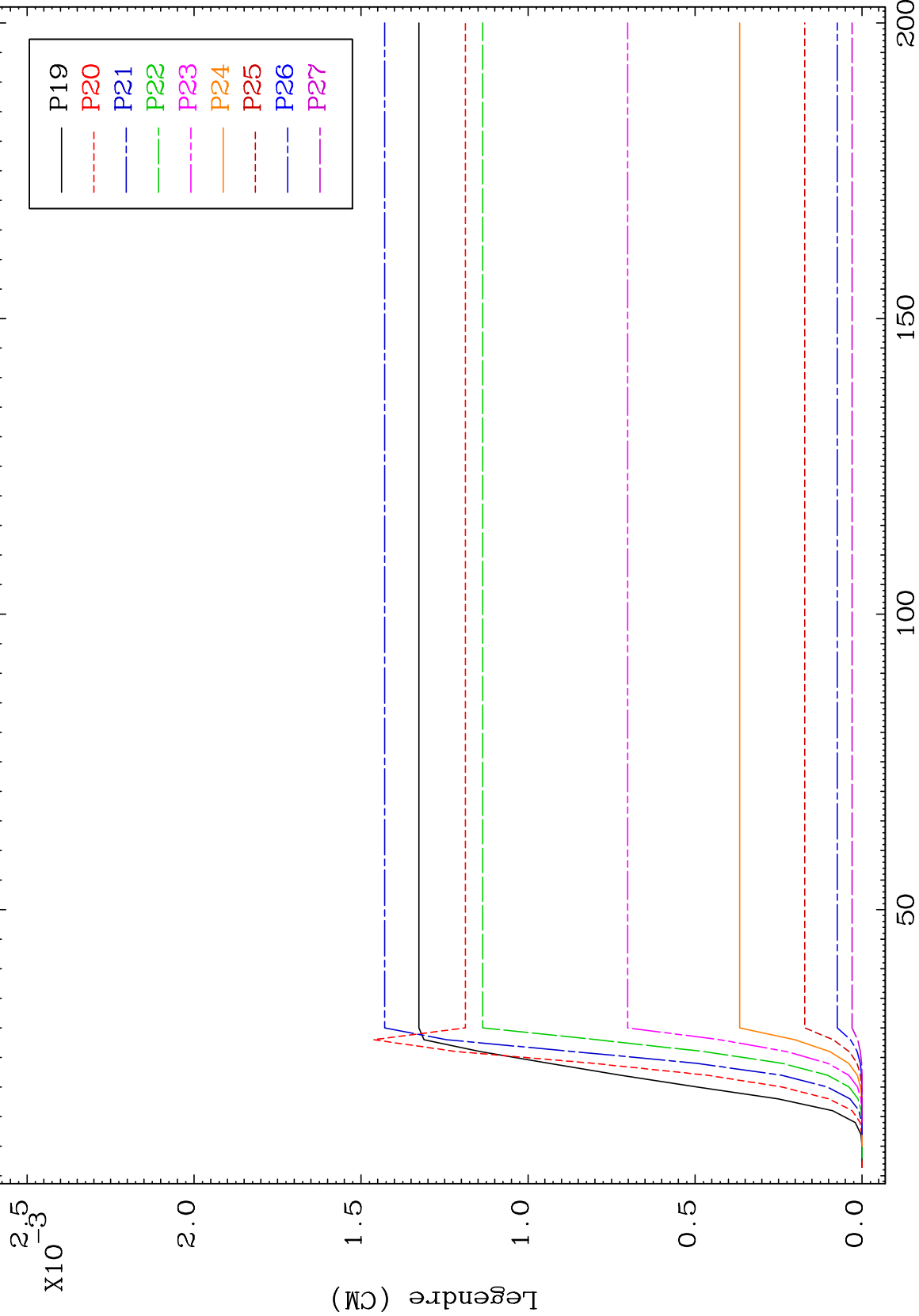
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



117

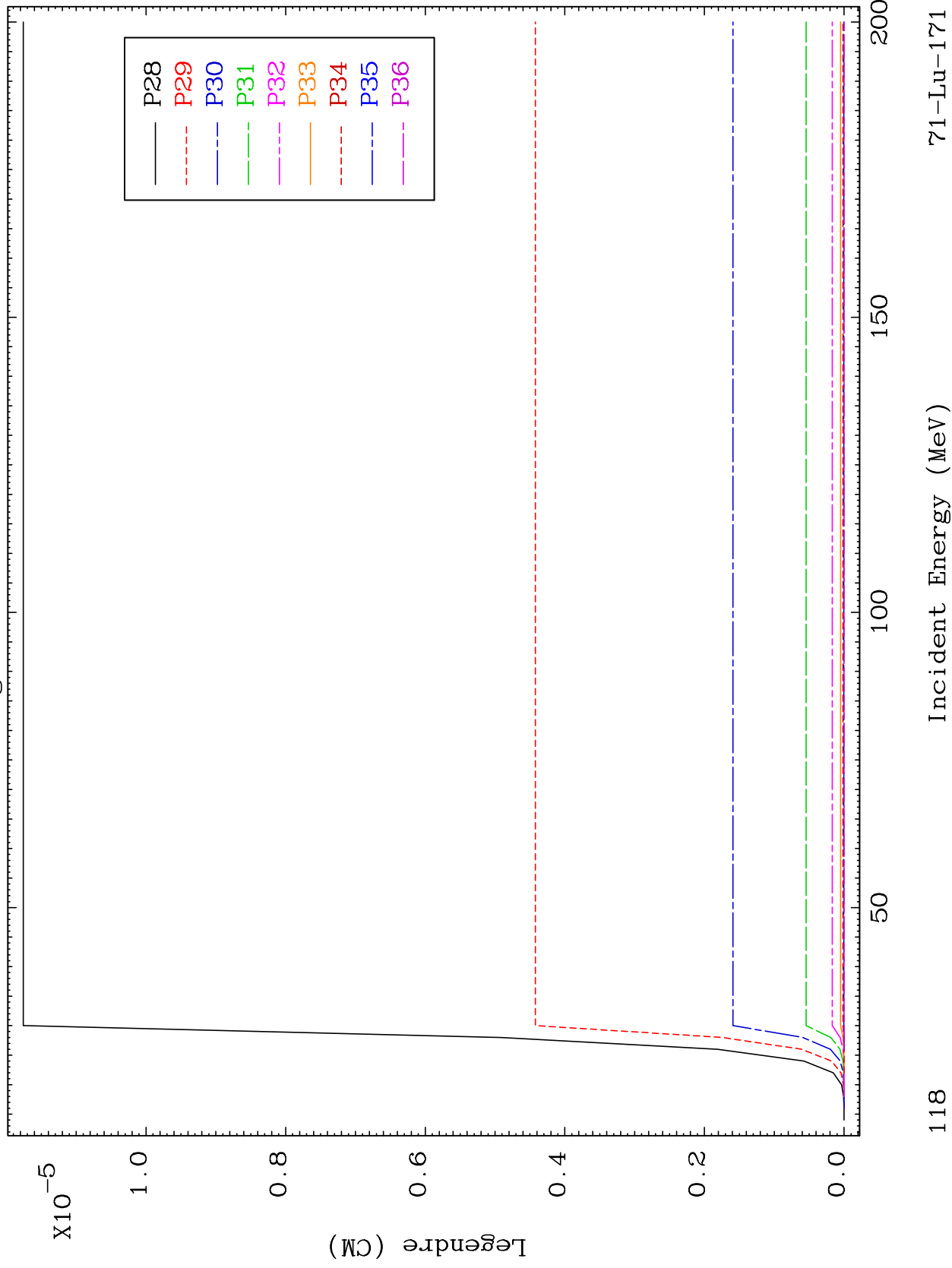
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



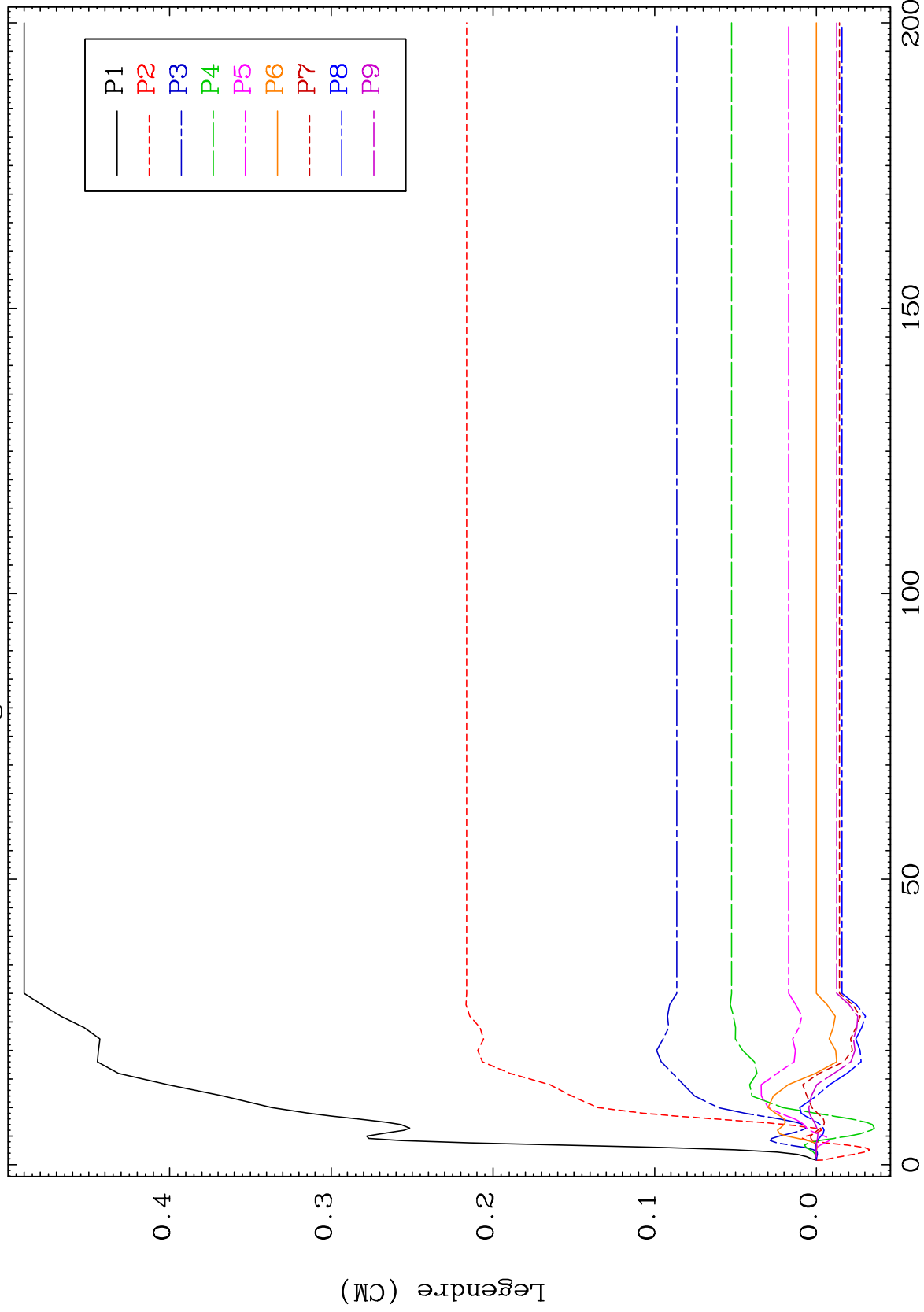
118

71-Lu-171

MAT 7113

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

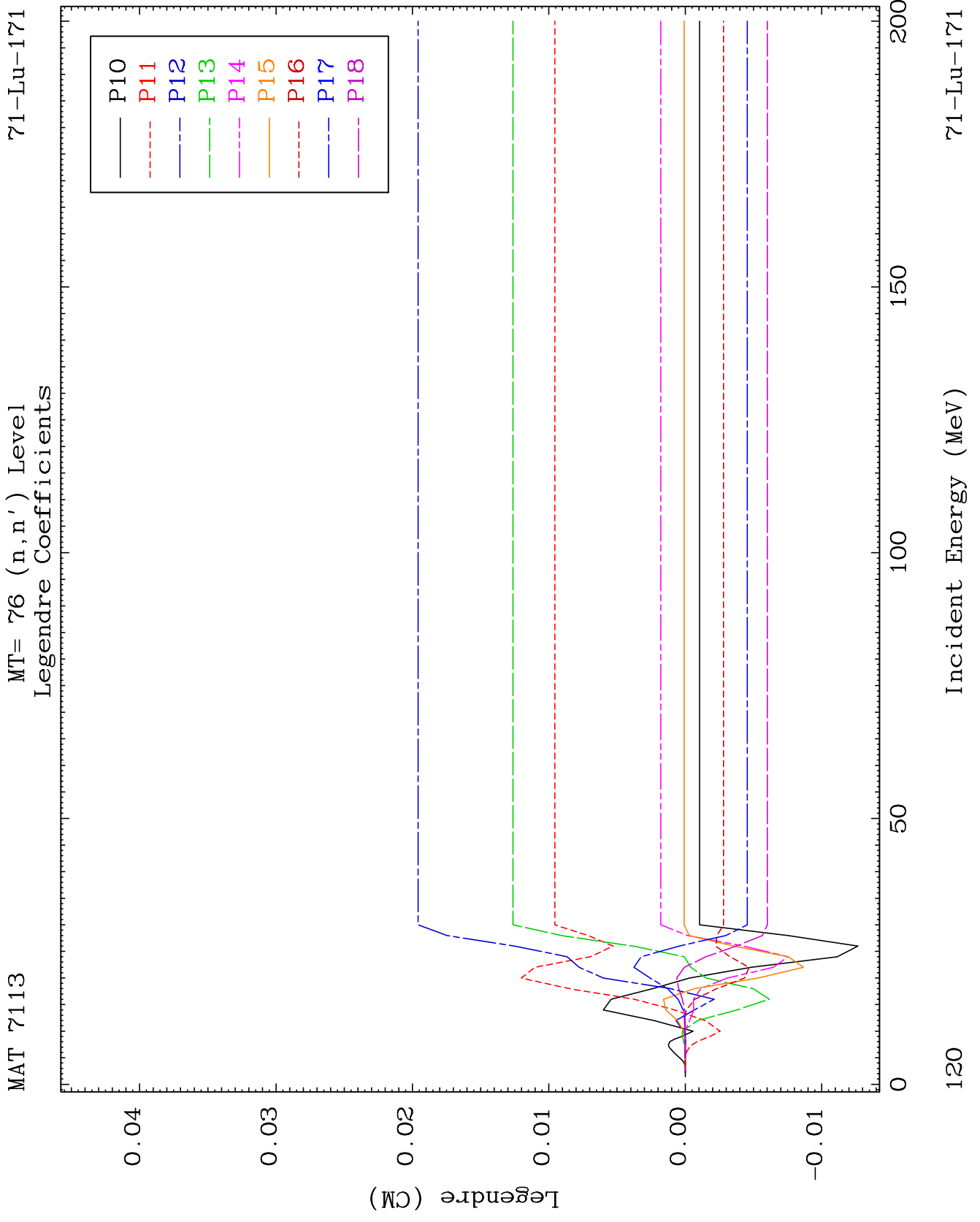
71-Lu-171

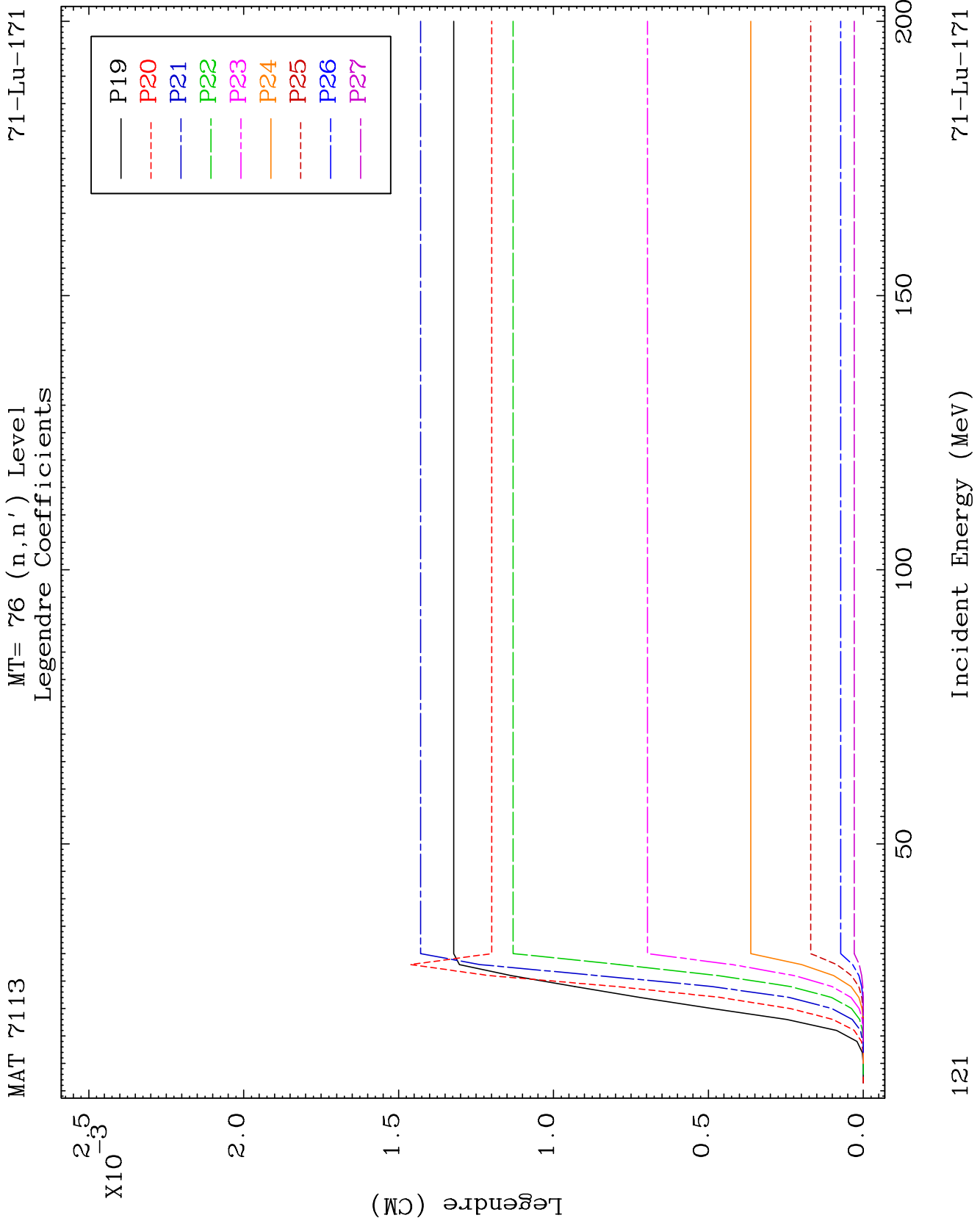


119

Incident Energy (MeV)

71-Lu-171

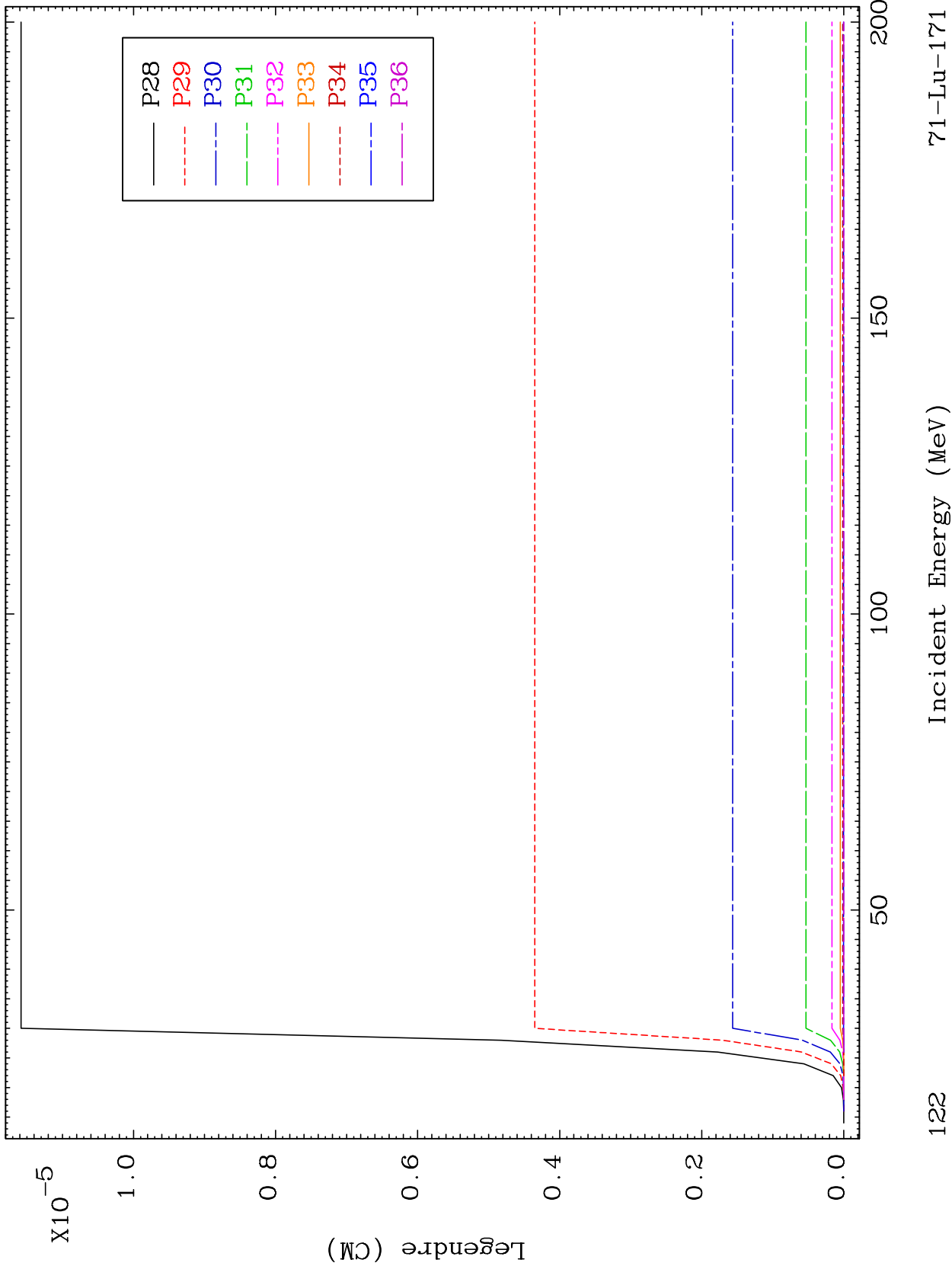




MAT 7113

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

71-Lu-171



122

MAT 7113

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

71-Lu-171



71-Lu-171

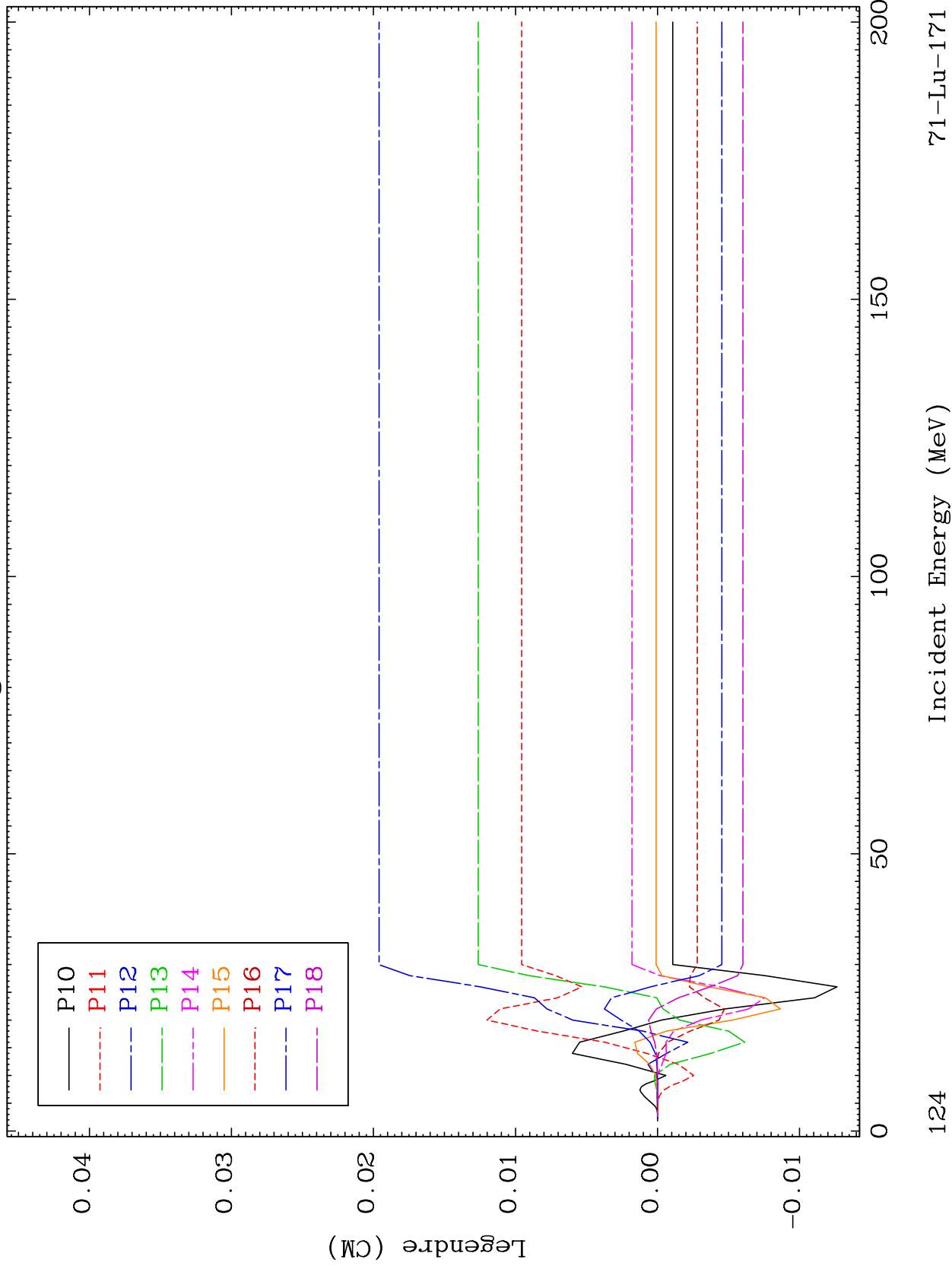
Incident Energy (MeV)

123

MAT 7113

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

71-Lu-171



124

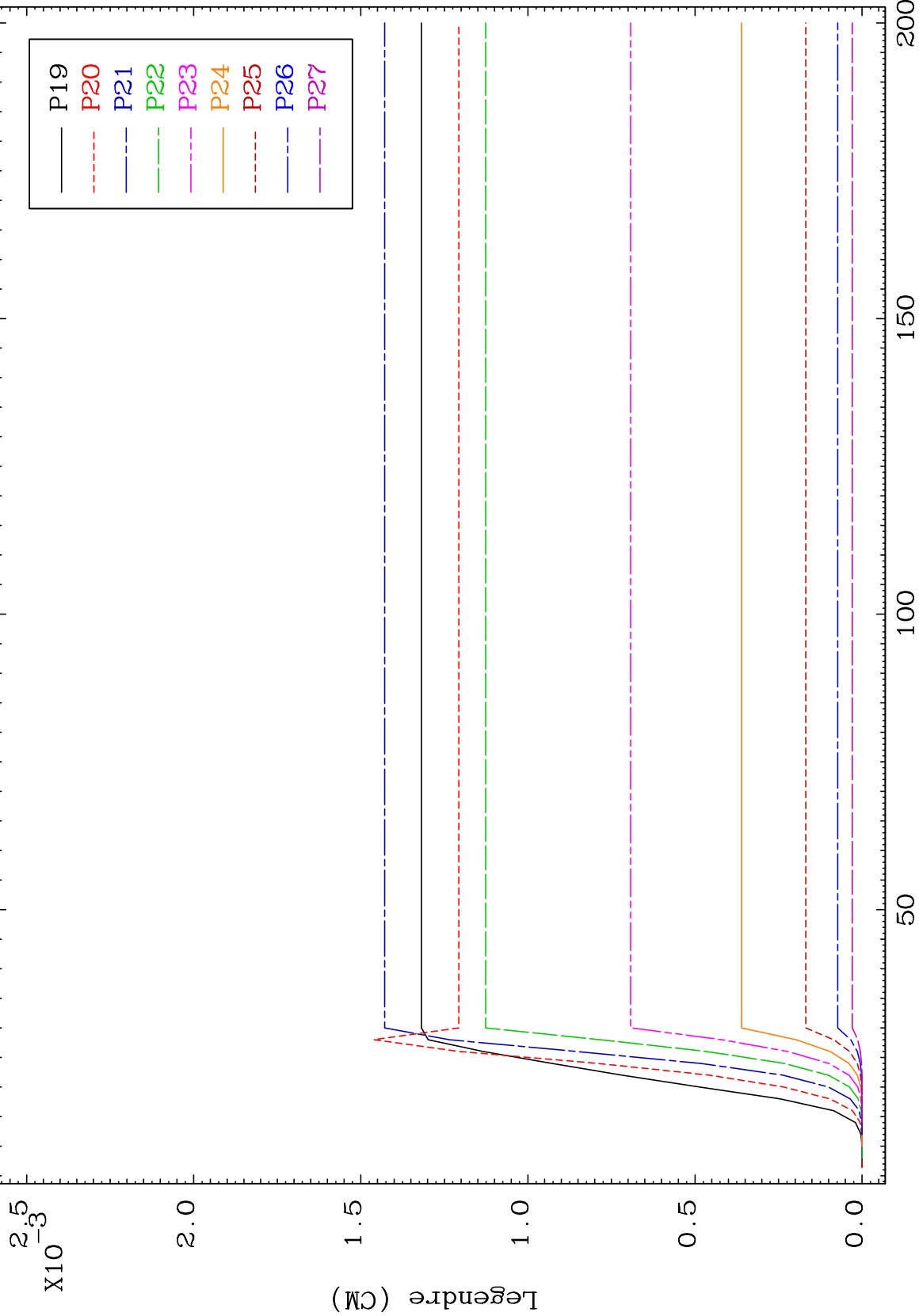
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

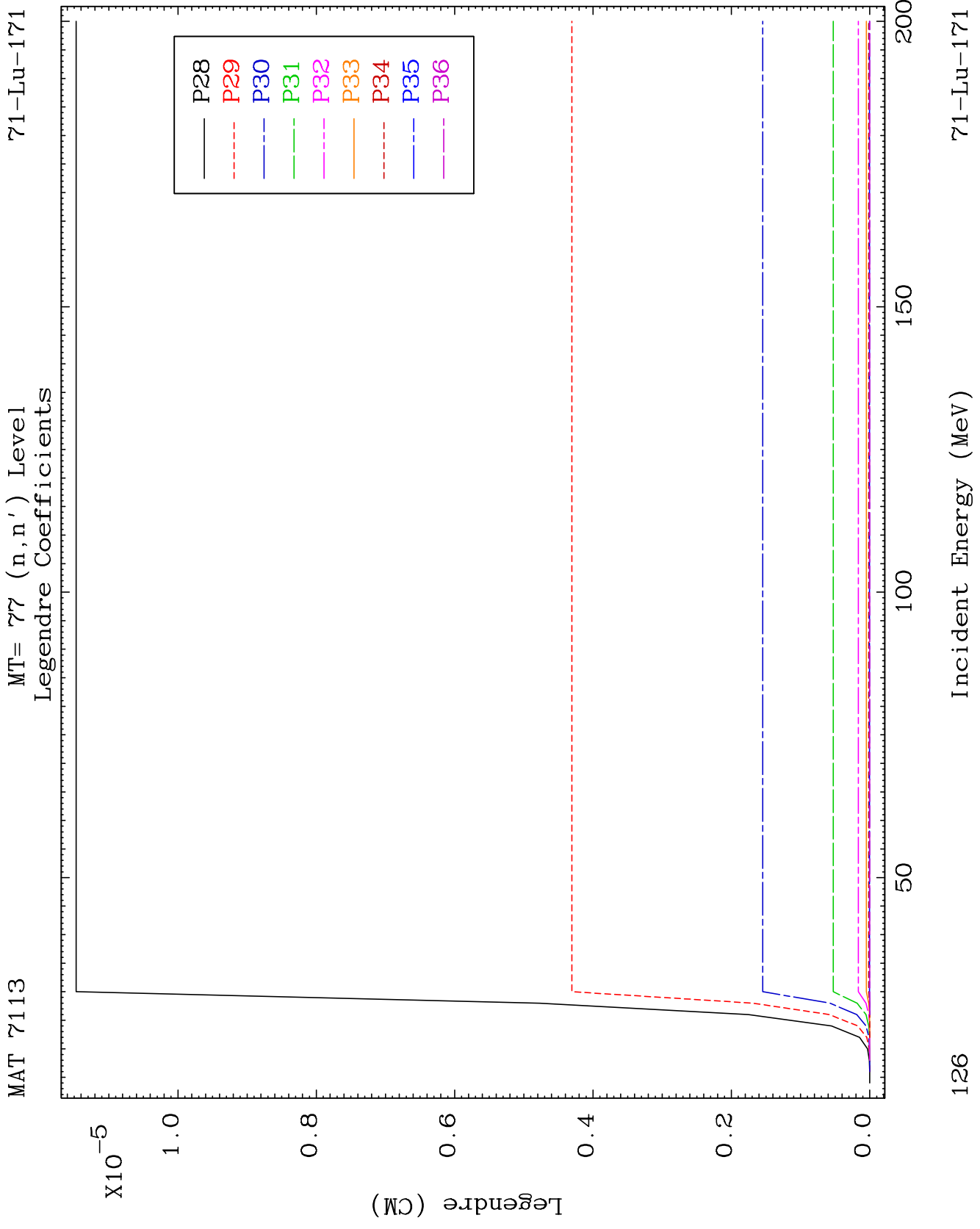
71-Lu-171

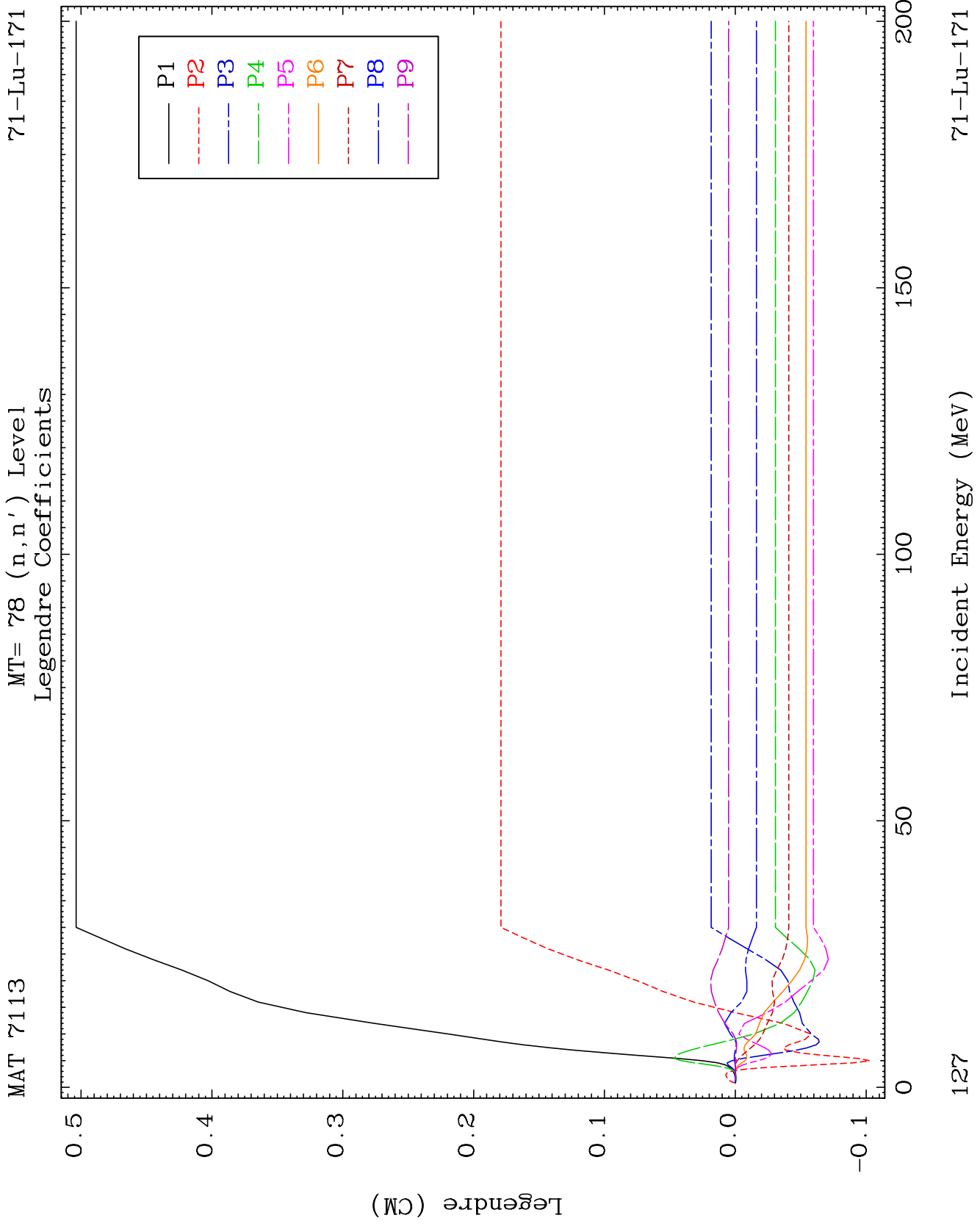


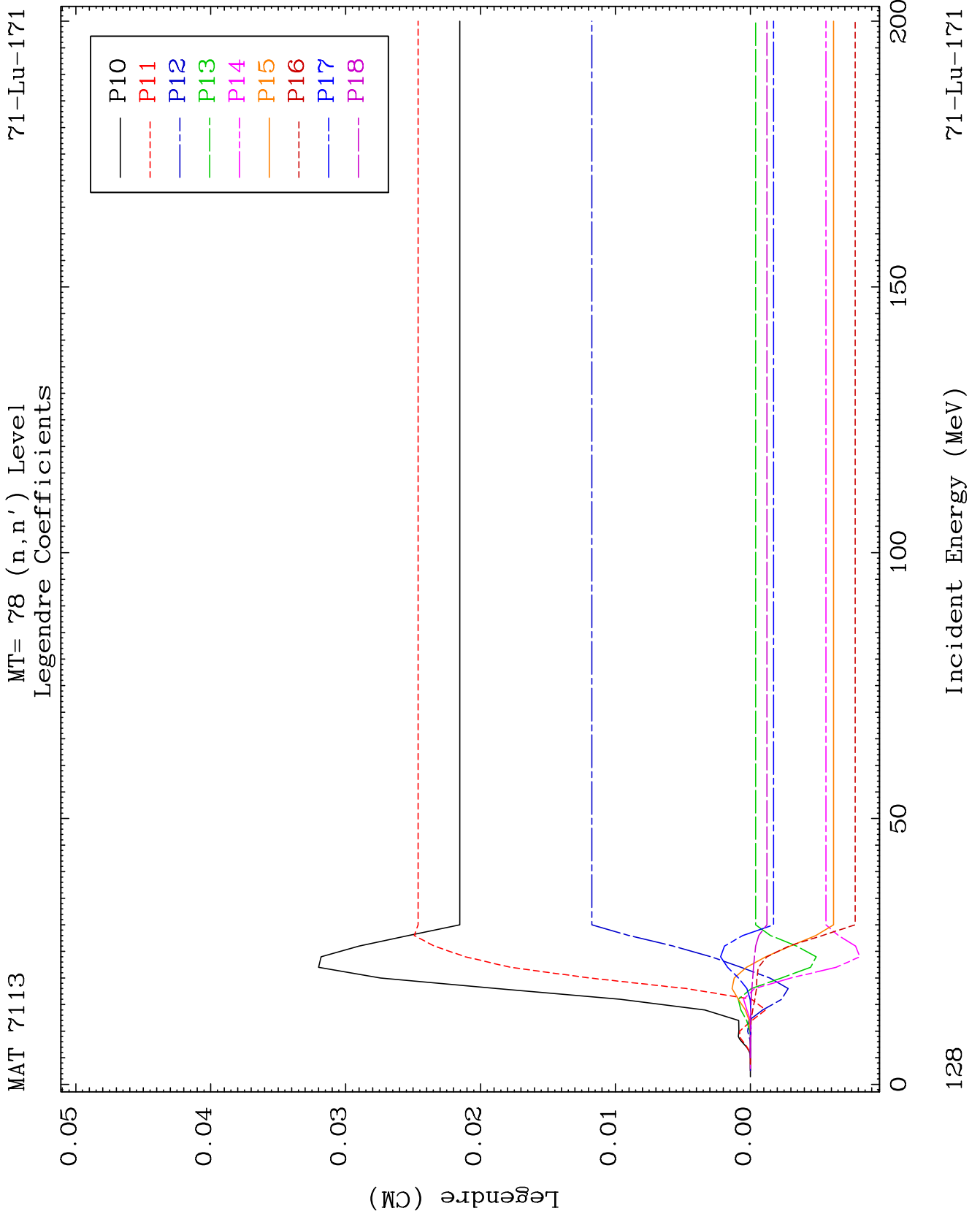
125

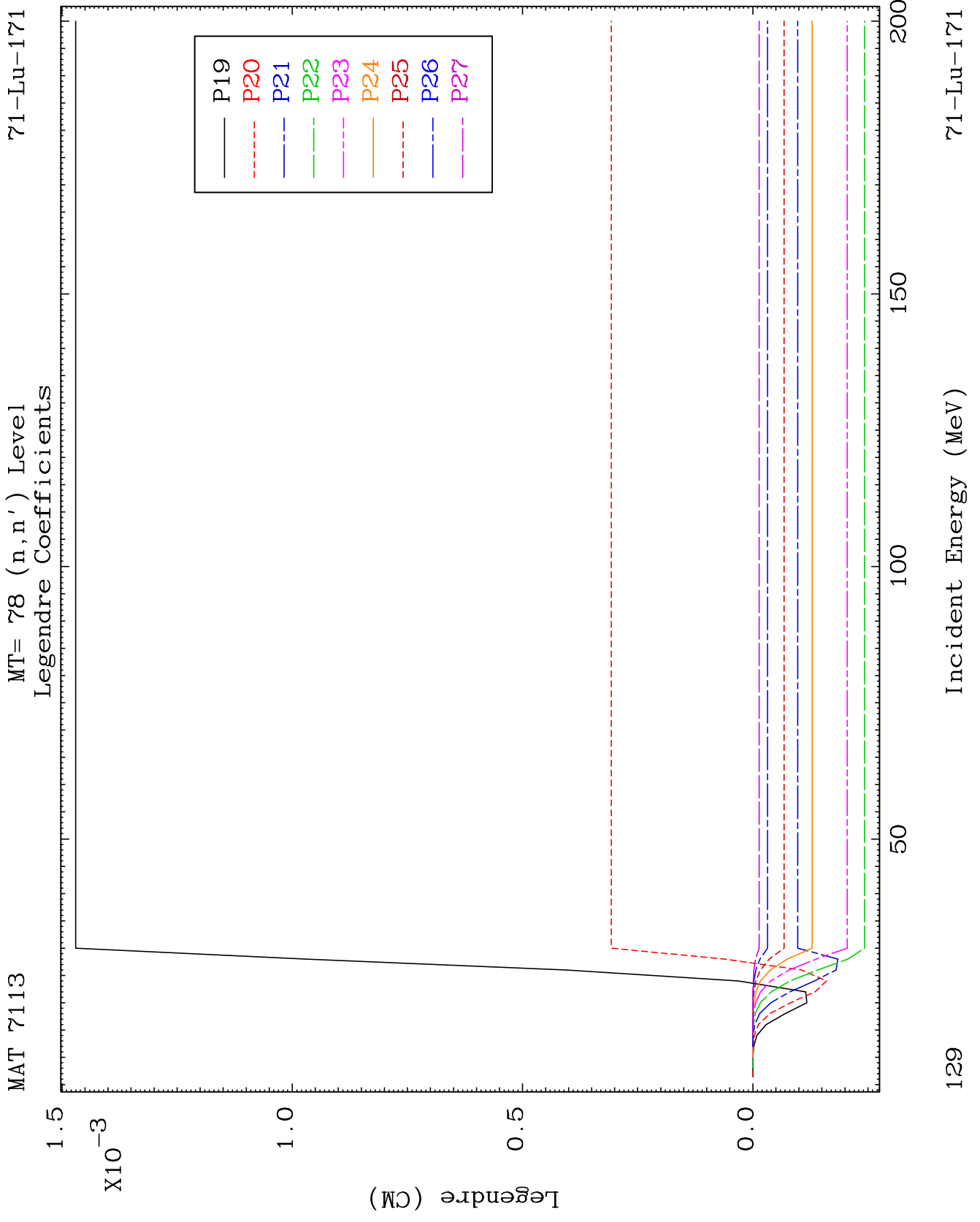
Incident Energy (MeV)

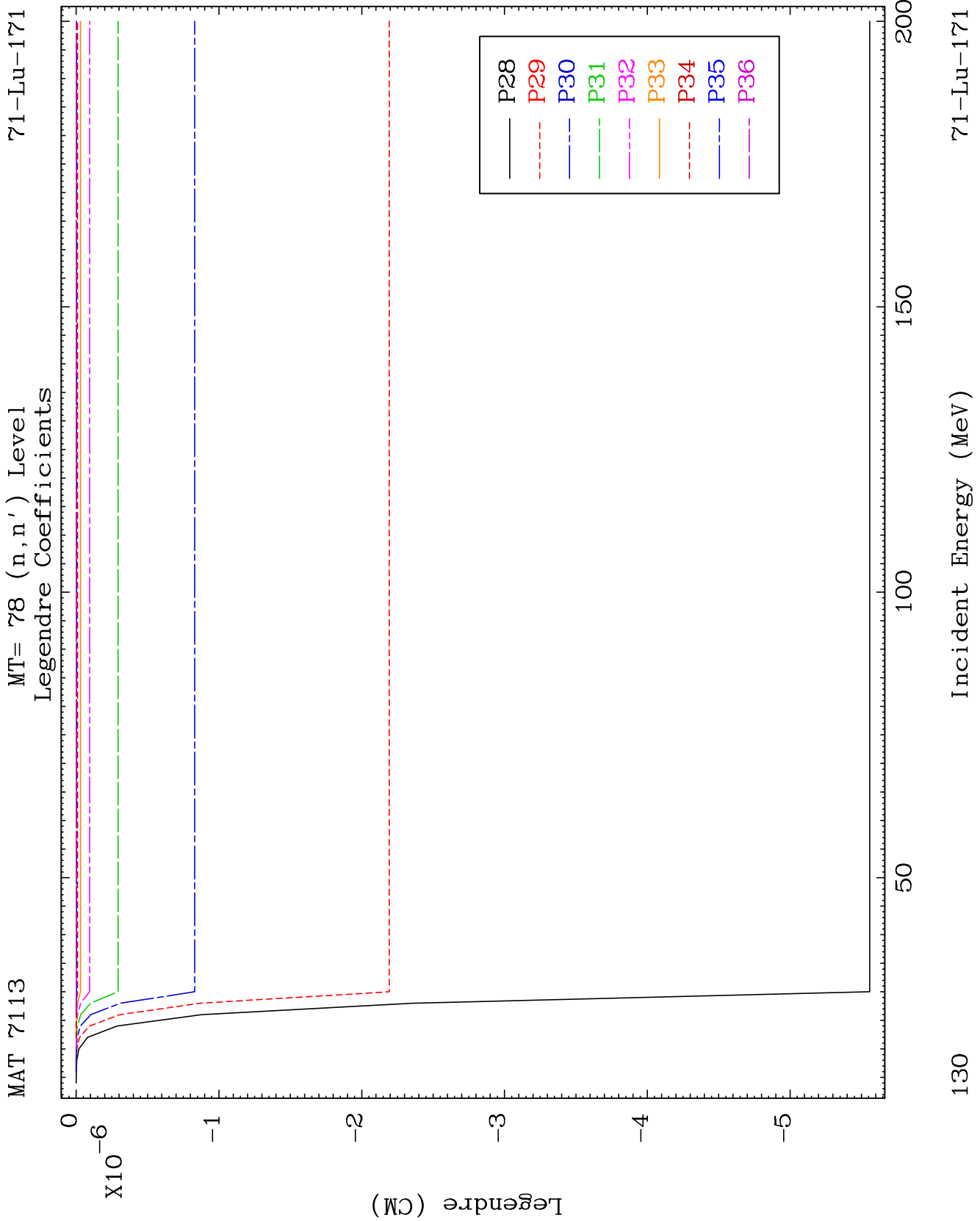
71-Lu-171

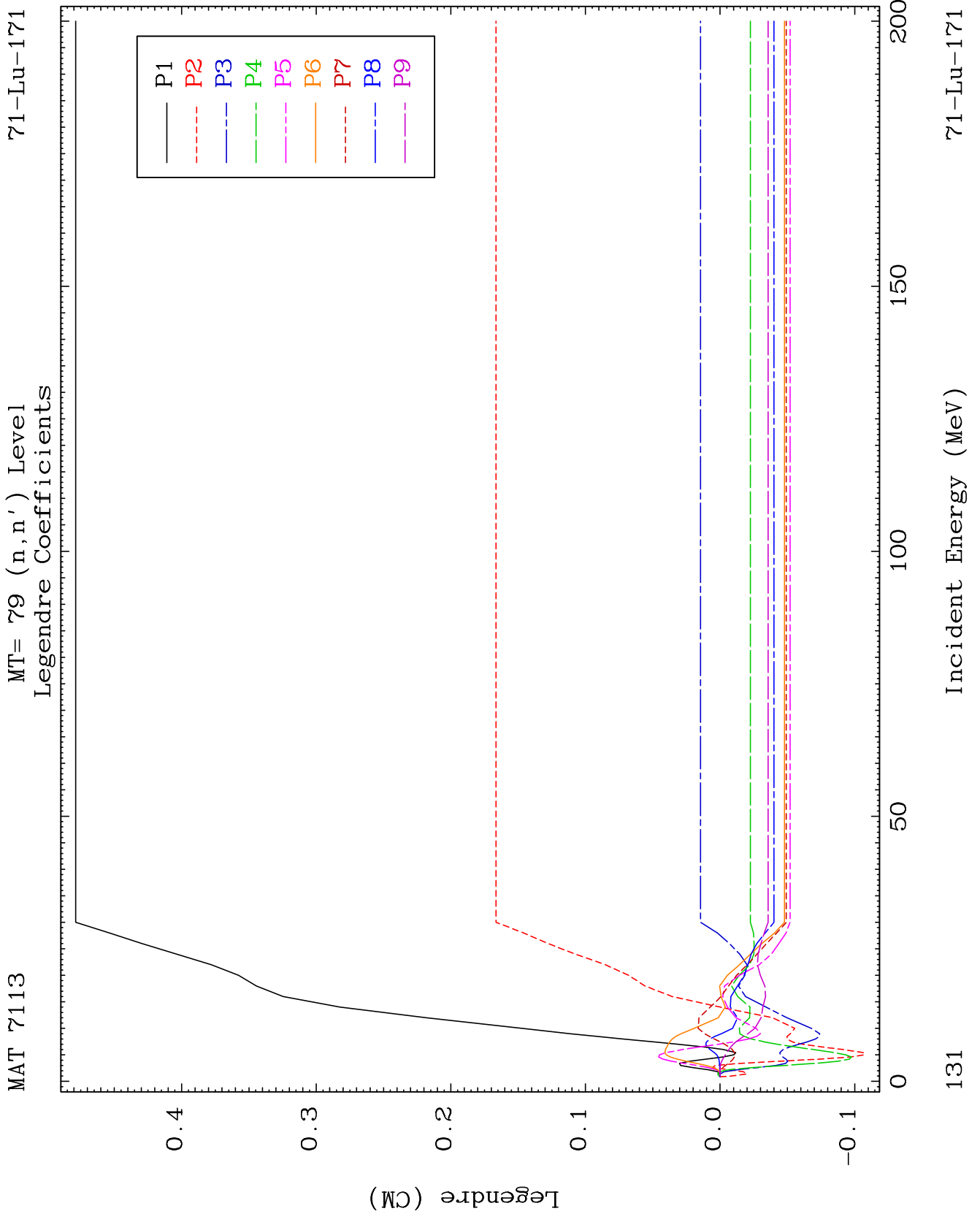








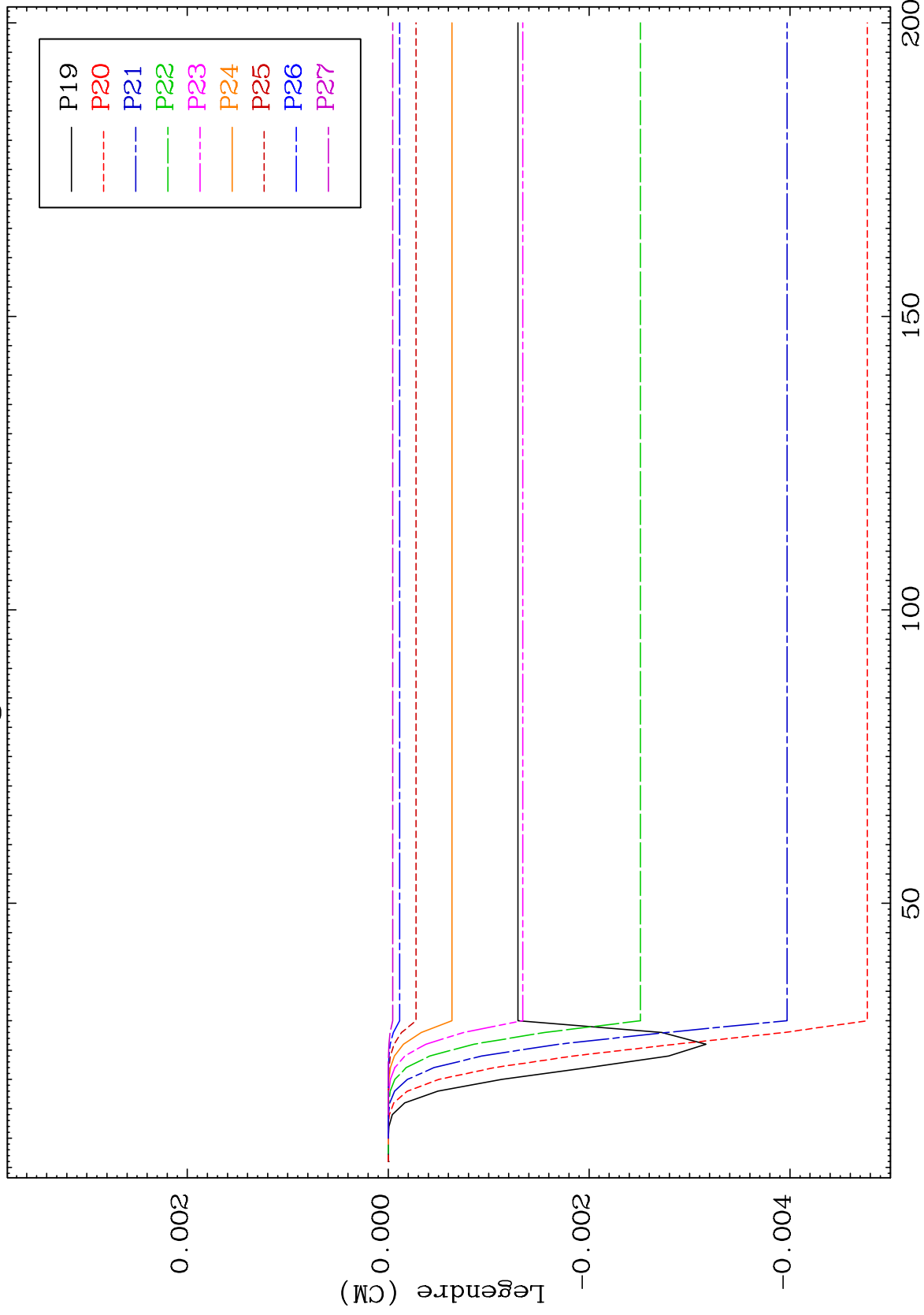




MAT 7113

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

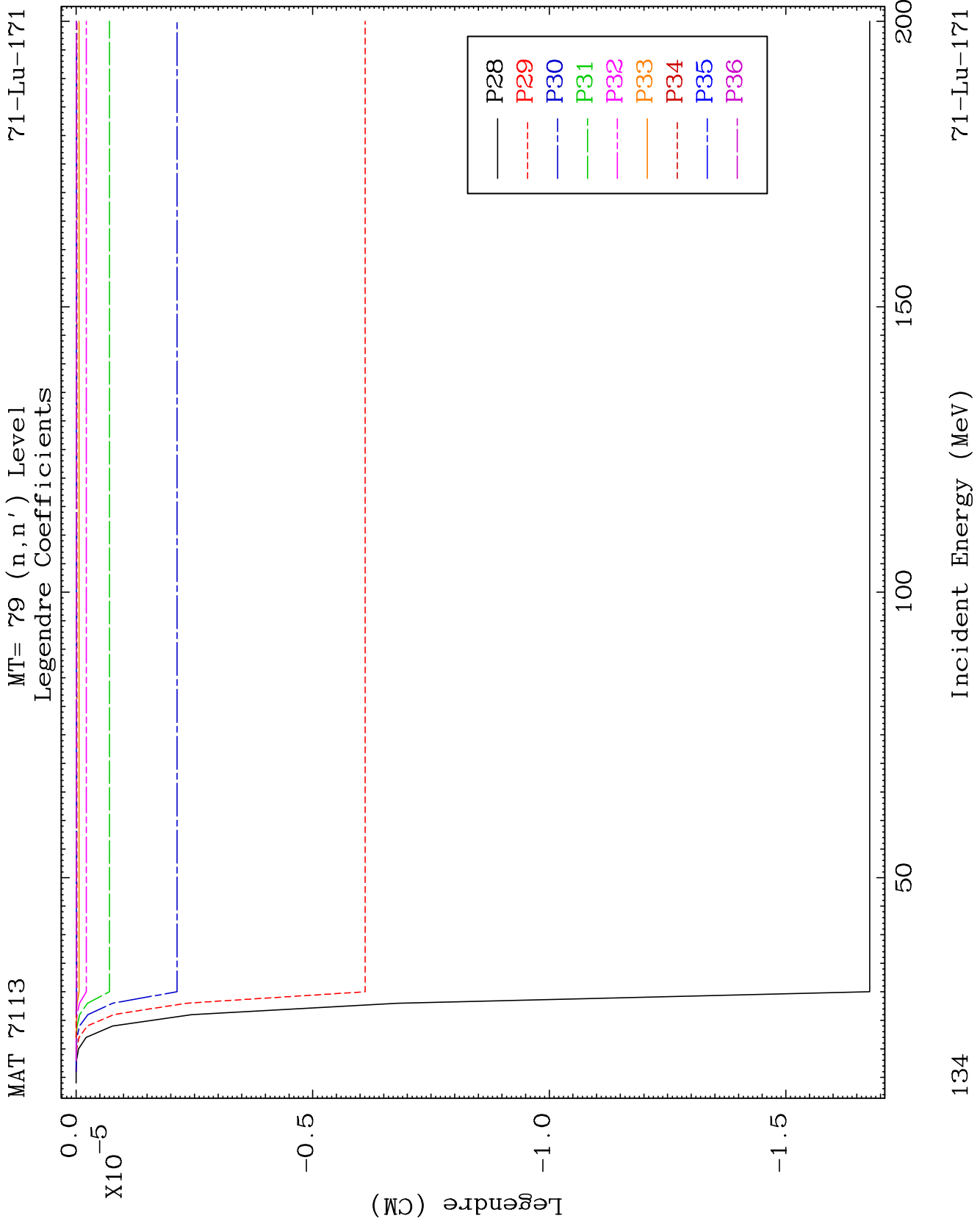
71-Lu-171



133

Incident Energy (MeV)

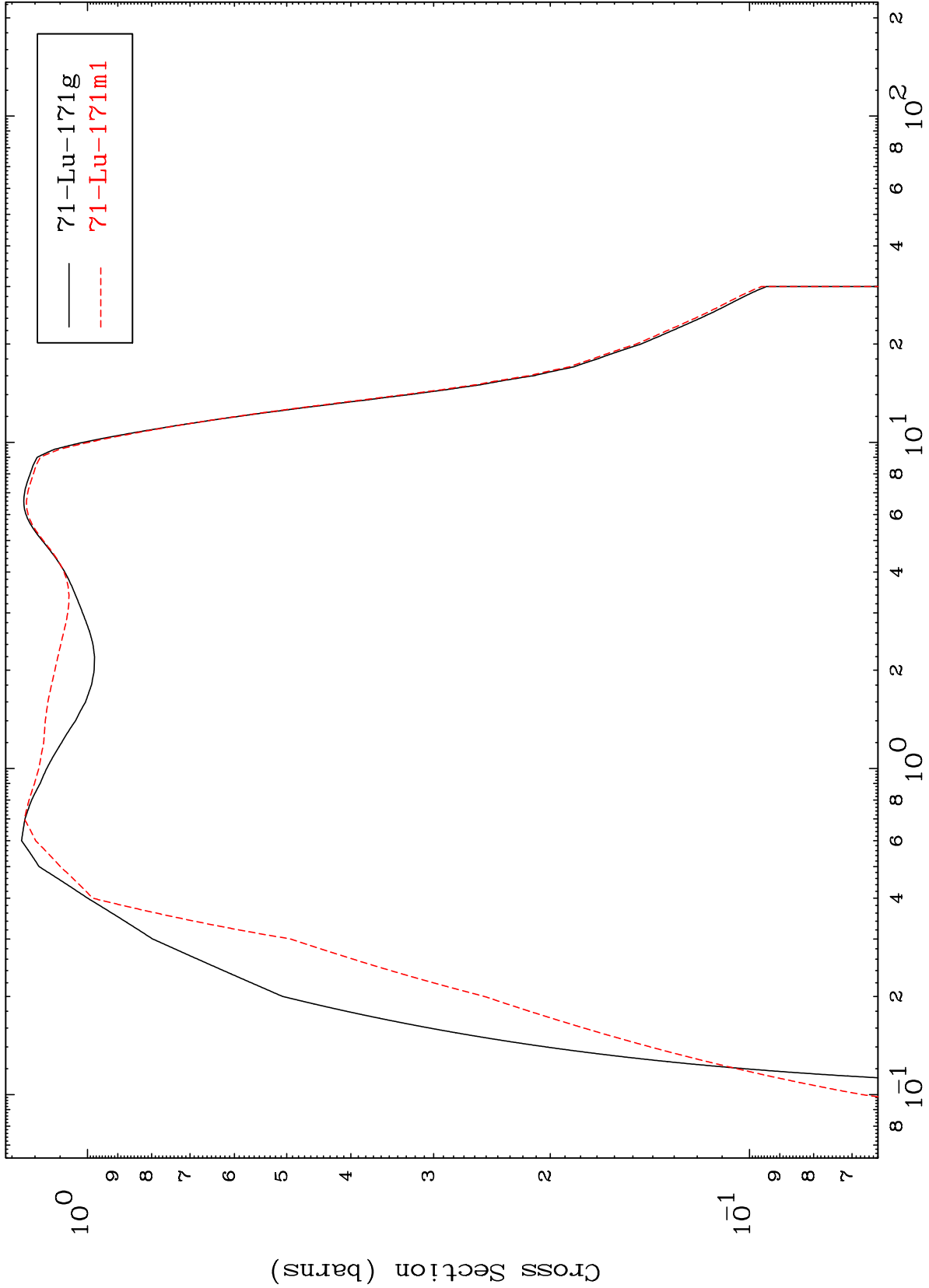
71-Lu-171



MAT 7113

71-Lu-171

Inelastic
Radionuclide Production Cross Section



135

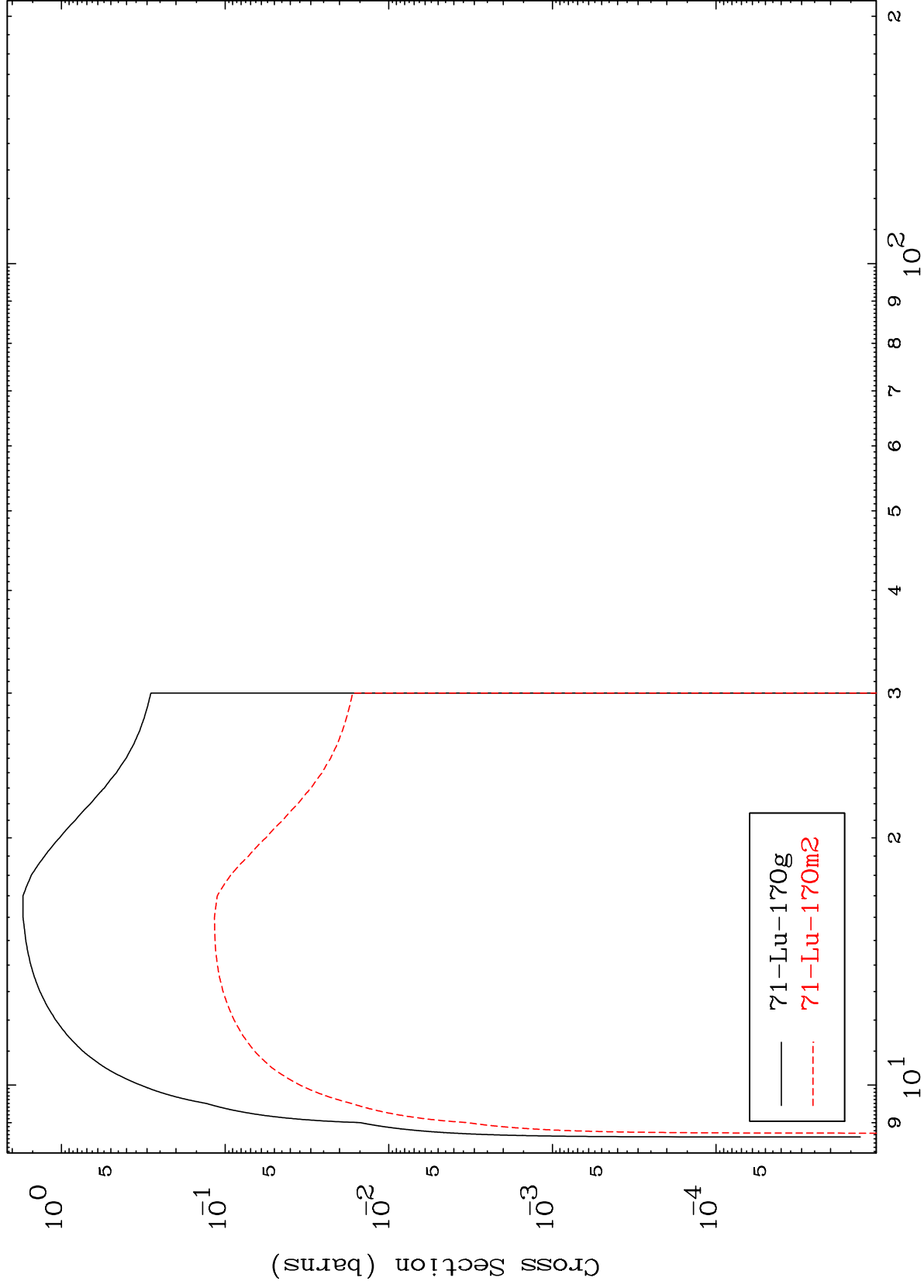
Incident Energy (MeV)

71-Lu-171

MAT 7113

71-Lu-171

Radionuclide Production Cross Section
(n,2n)



136

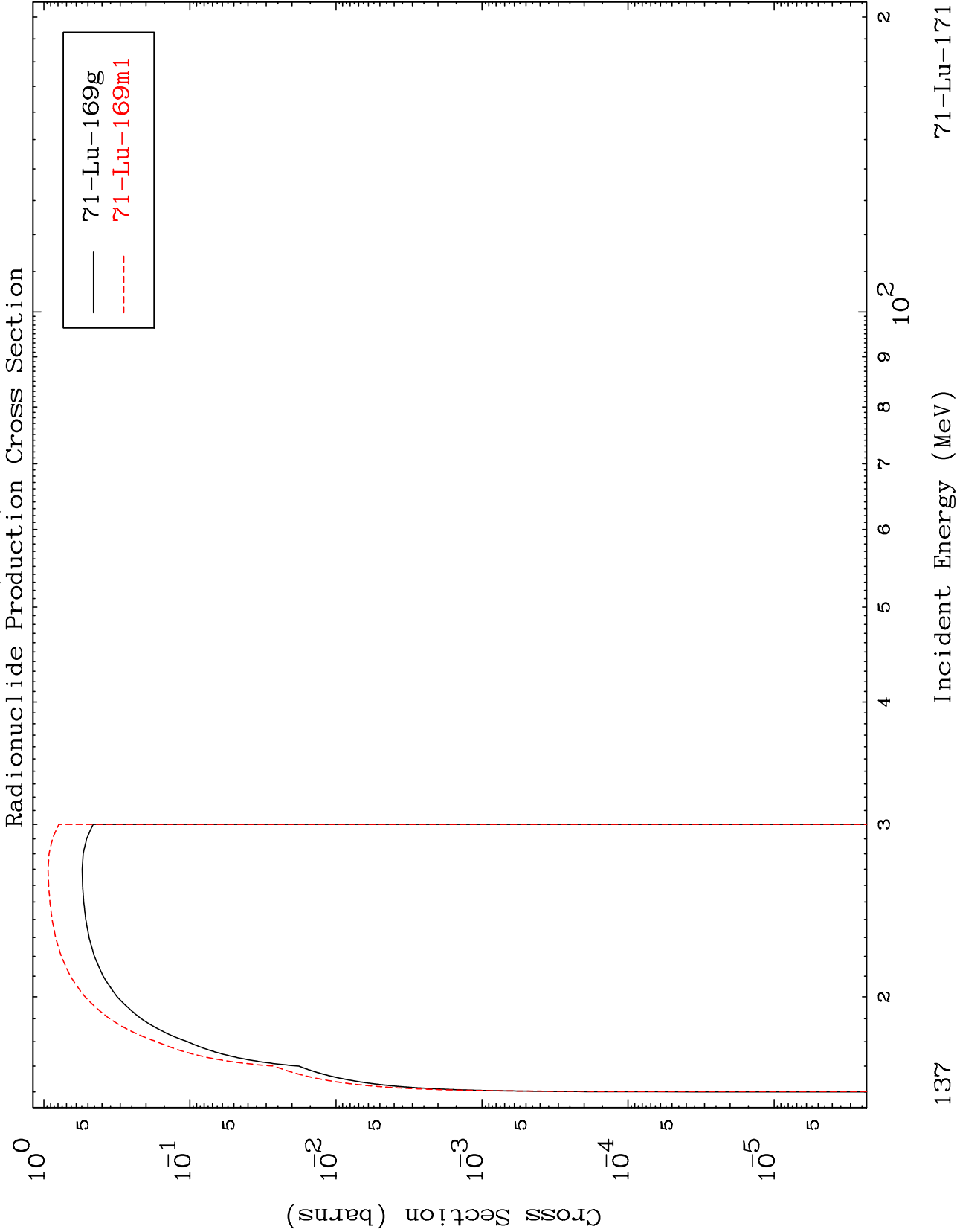
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,3n)

71-Lu-171



137

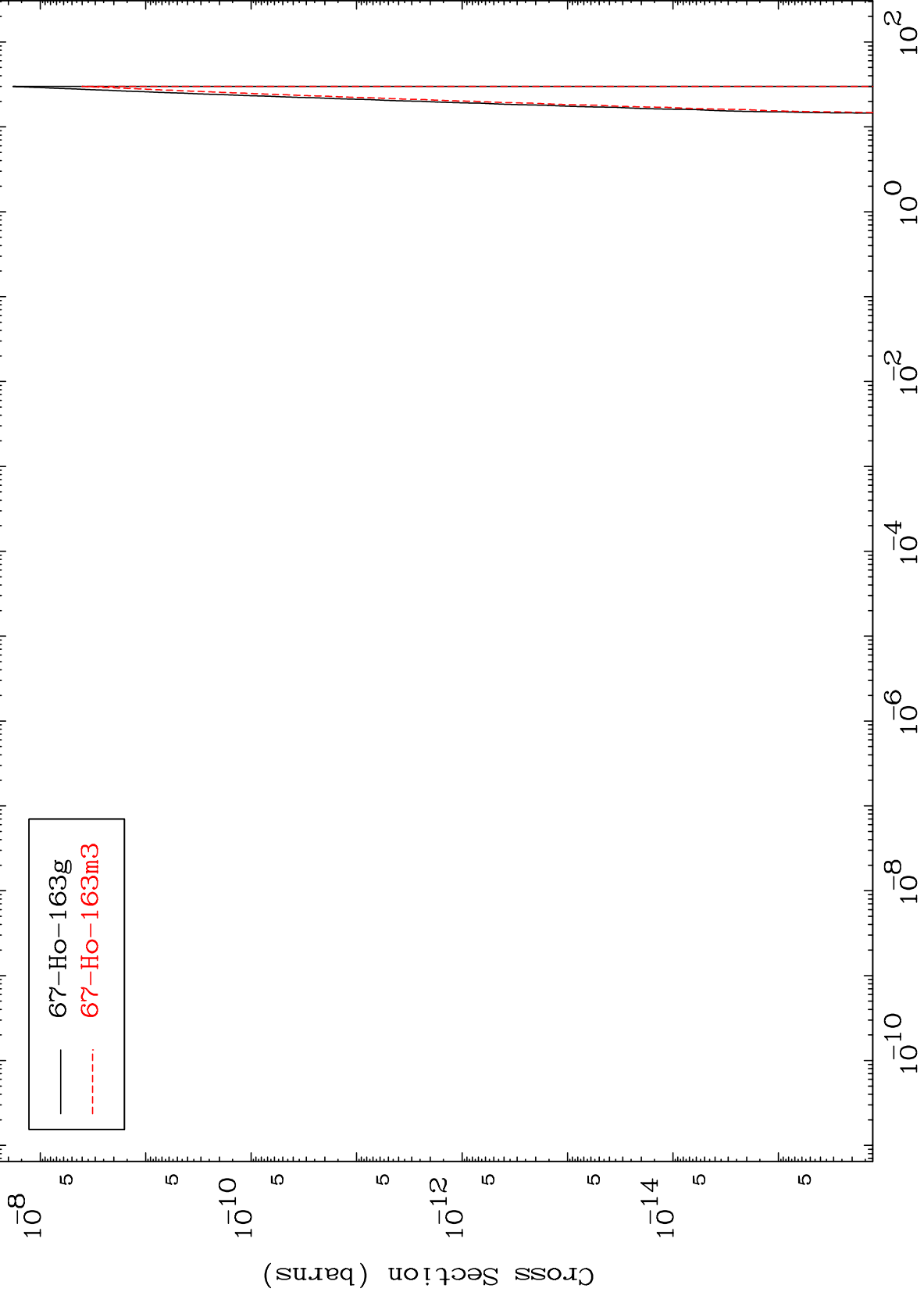
71-Lu-171

MAT 7113

(n,n') 2α

71-Lu-171

Radionuclide Production Cross Section

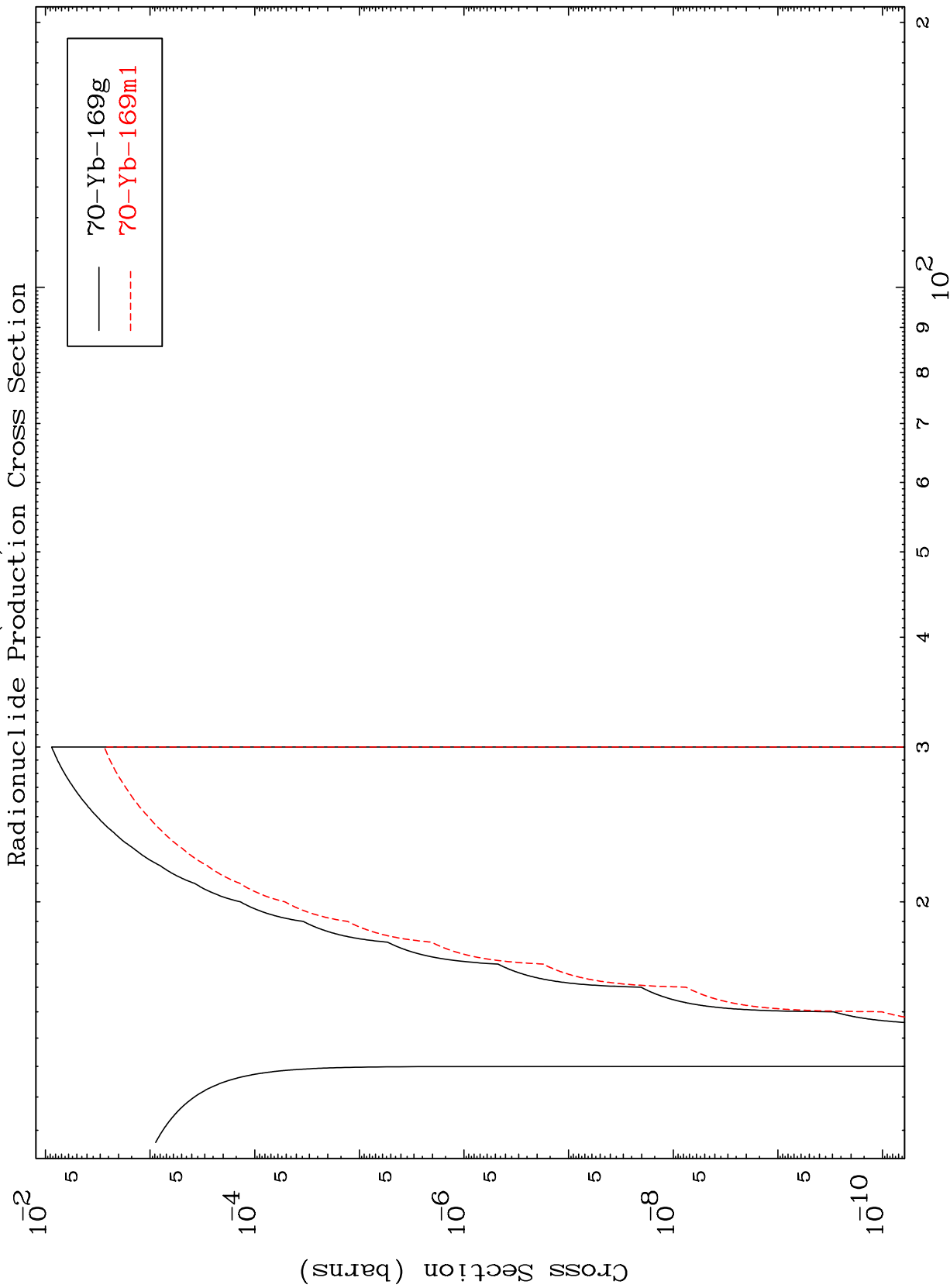


— 67-Ho-163g
- - - 67-Ho-163m3

MAT 7113

(n,n') d

71-Lu-171



139

Incident Energy (MeV)

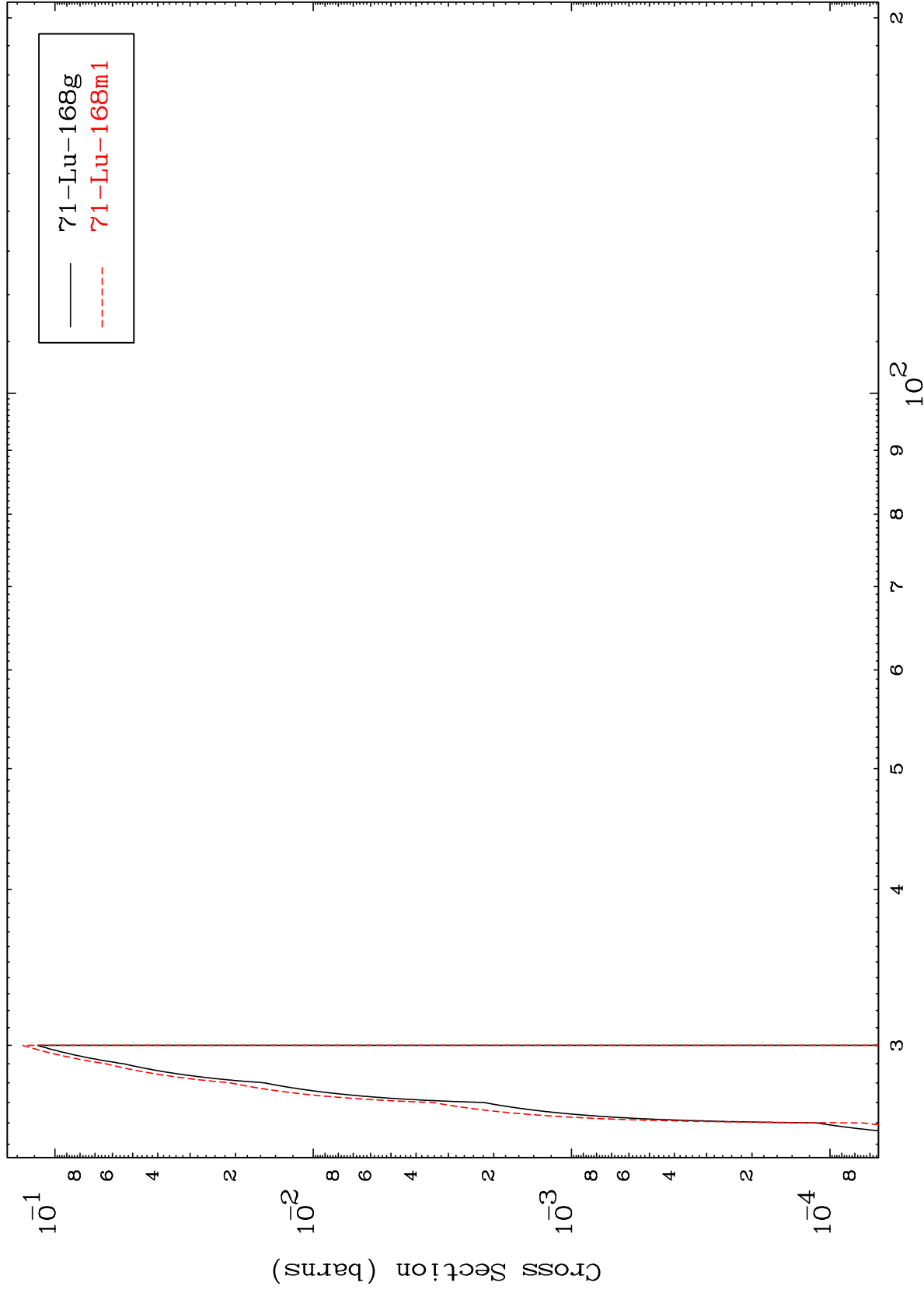
71-Lu-171

MAT 7113

(n,4n)

71-Lu-171

Radionuclide Production Cross Section



140

Incident Energy (MeV)

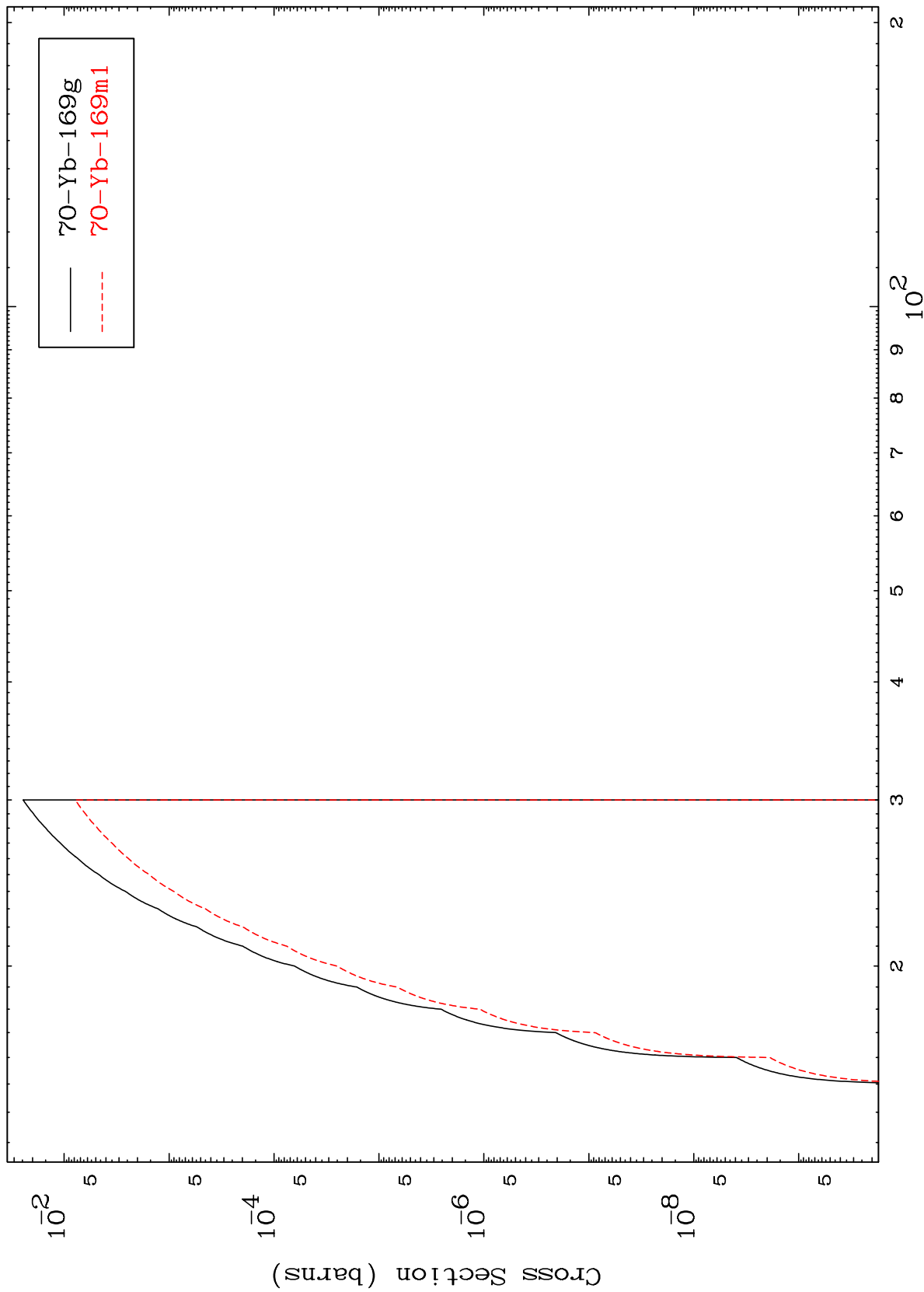
71-Lu-171

MAT 7113

(n,2n) p

71-Lu-171

Radionuclide Production Cross Section



141

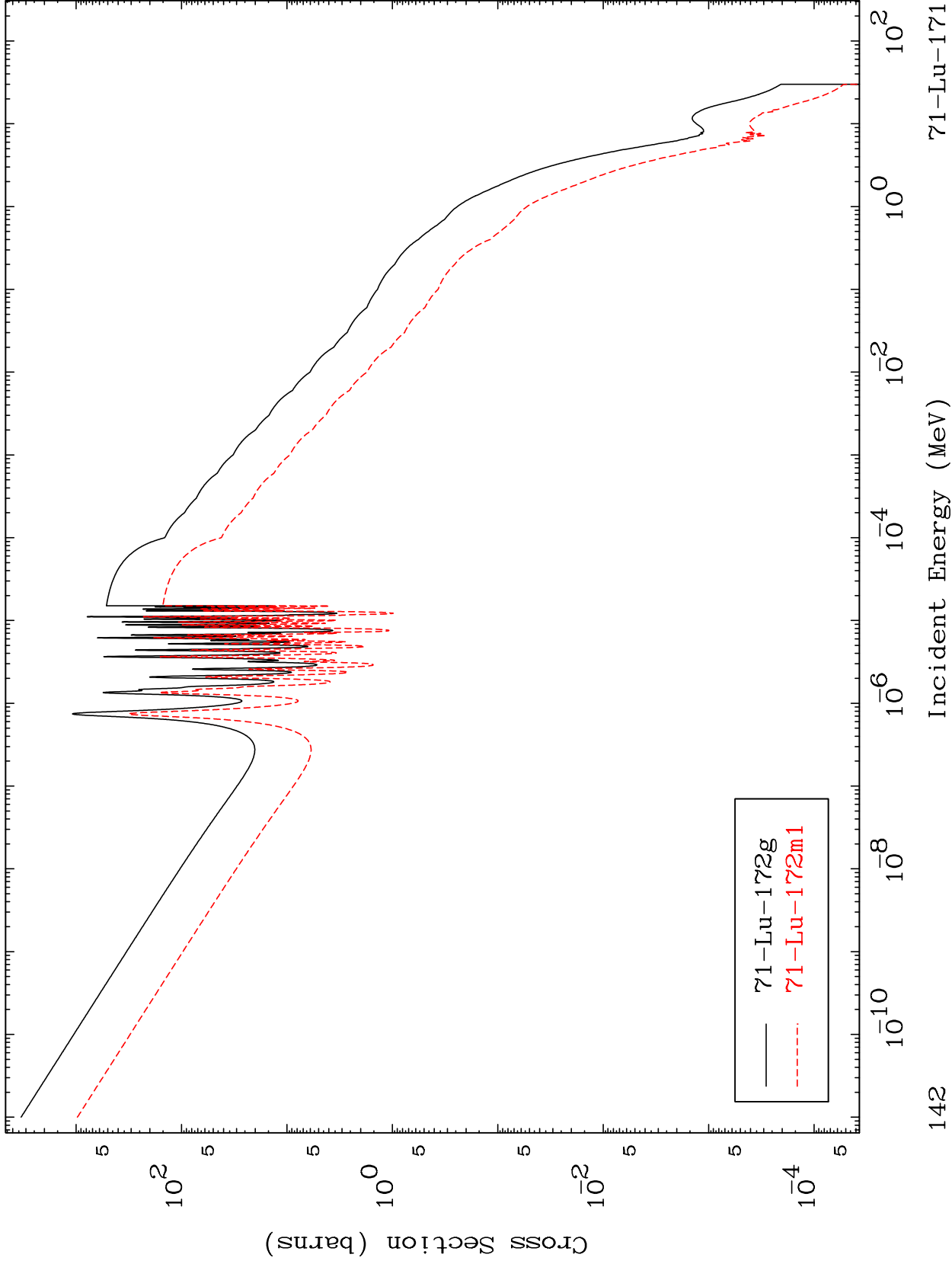
Incident Energy (MeV)

71-Lu-171

MAT 7113

71-Lu-171

(n,γ)
Radionuclide Production Cross Section

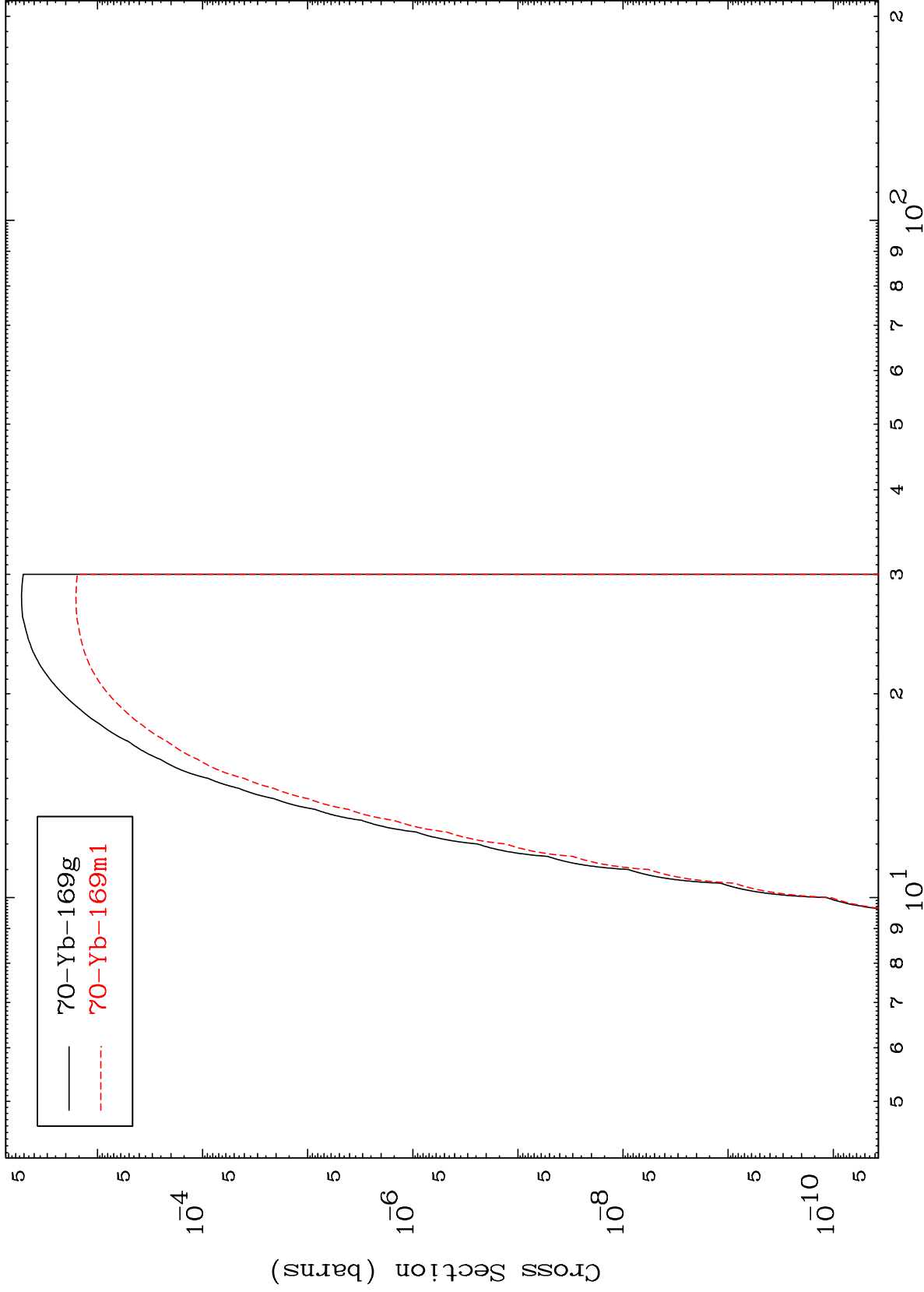


142

MAT 7113

71-Lu-171

(n, t)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

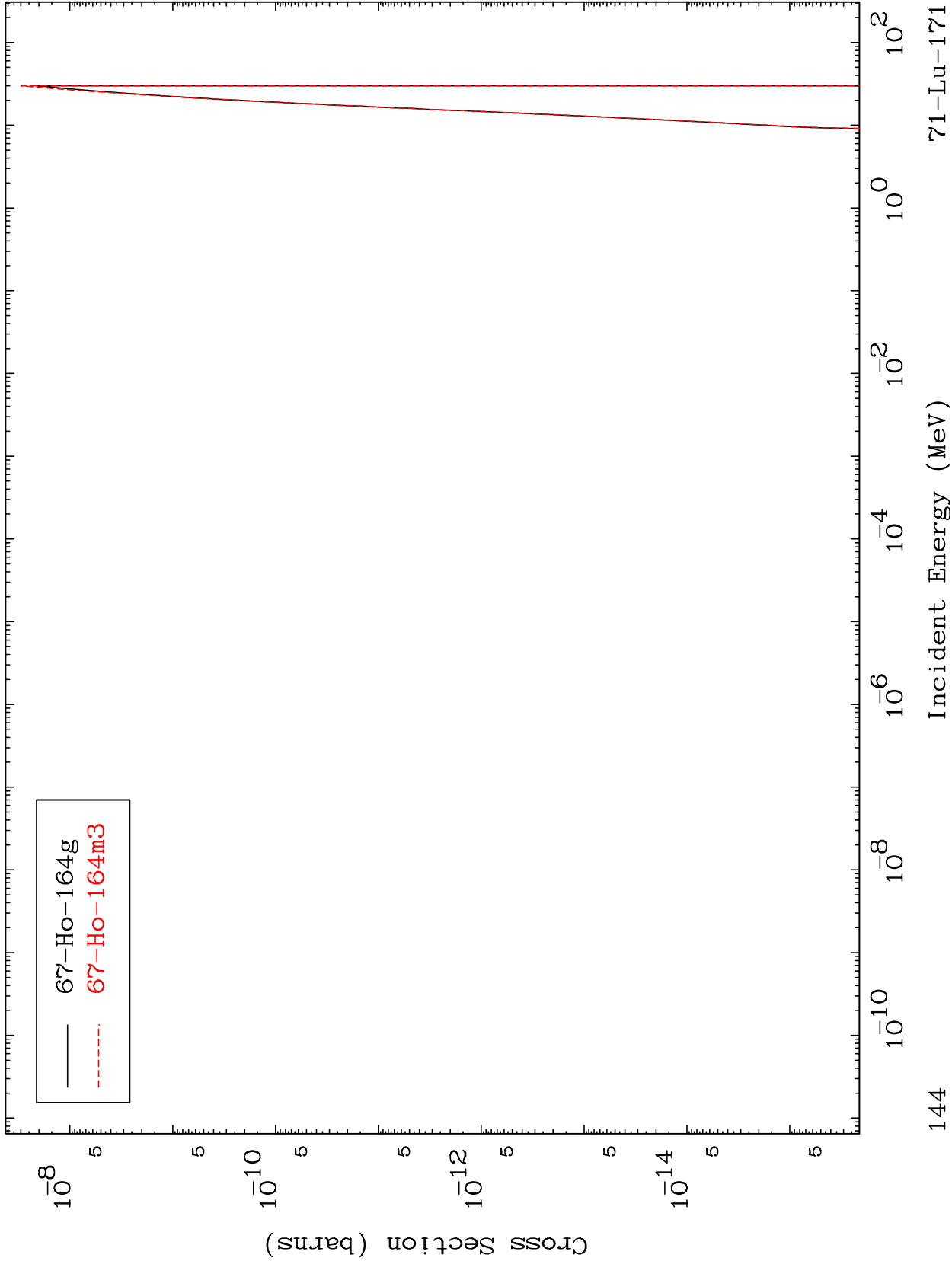
71-Lu-171

MAT 7113

(n,2α)

71-Lu-171

Radionuclide Production Cross Section



MAT 7113

(n,p) α

71-Lu-171

Radionuclide Production Cross Section

