

Program EVALPLOT
(Version 2021-1)

by

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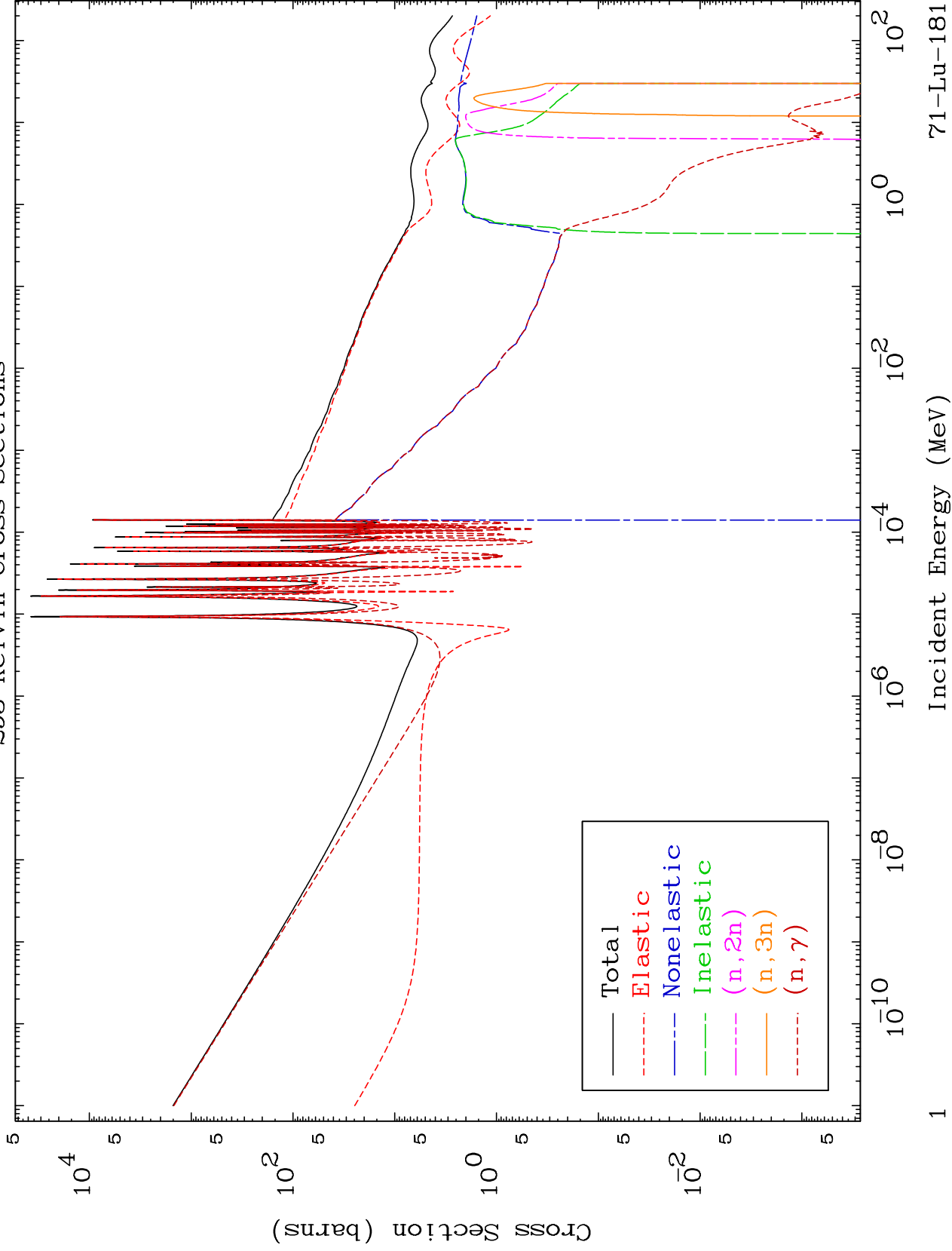
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7143

Neutron Major
293 Kelvin Cross Sections

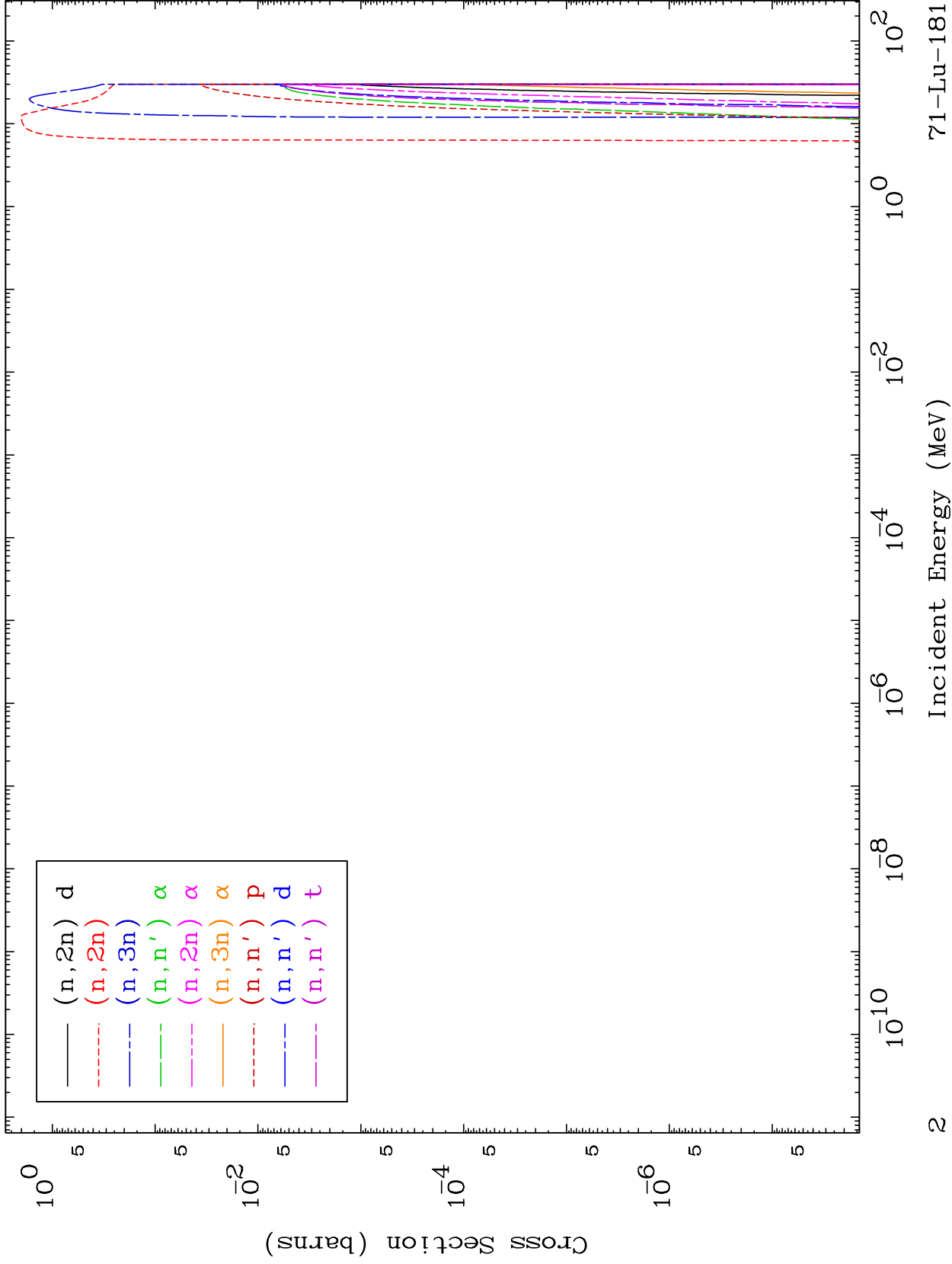
71-Lu-181



MAT 7143

Neutron Absorption
293 Kelvin Cross Sections

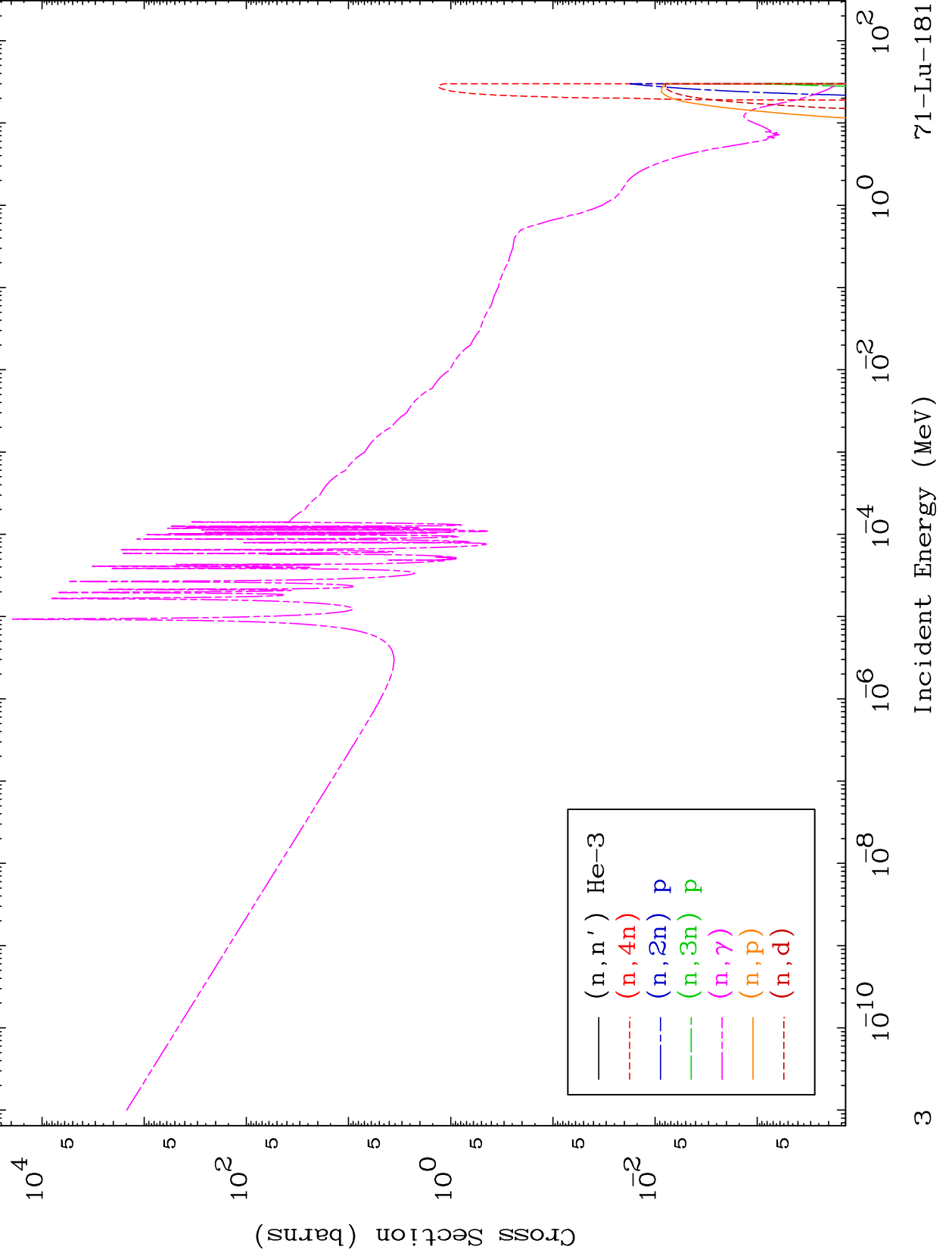
71-Lu-181



MAT 7143

Neutron Absorption
293 Kelvin Cross Sections

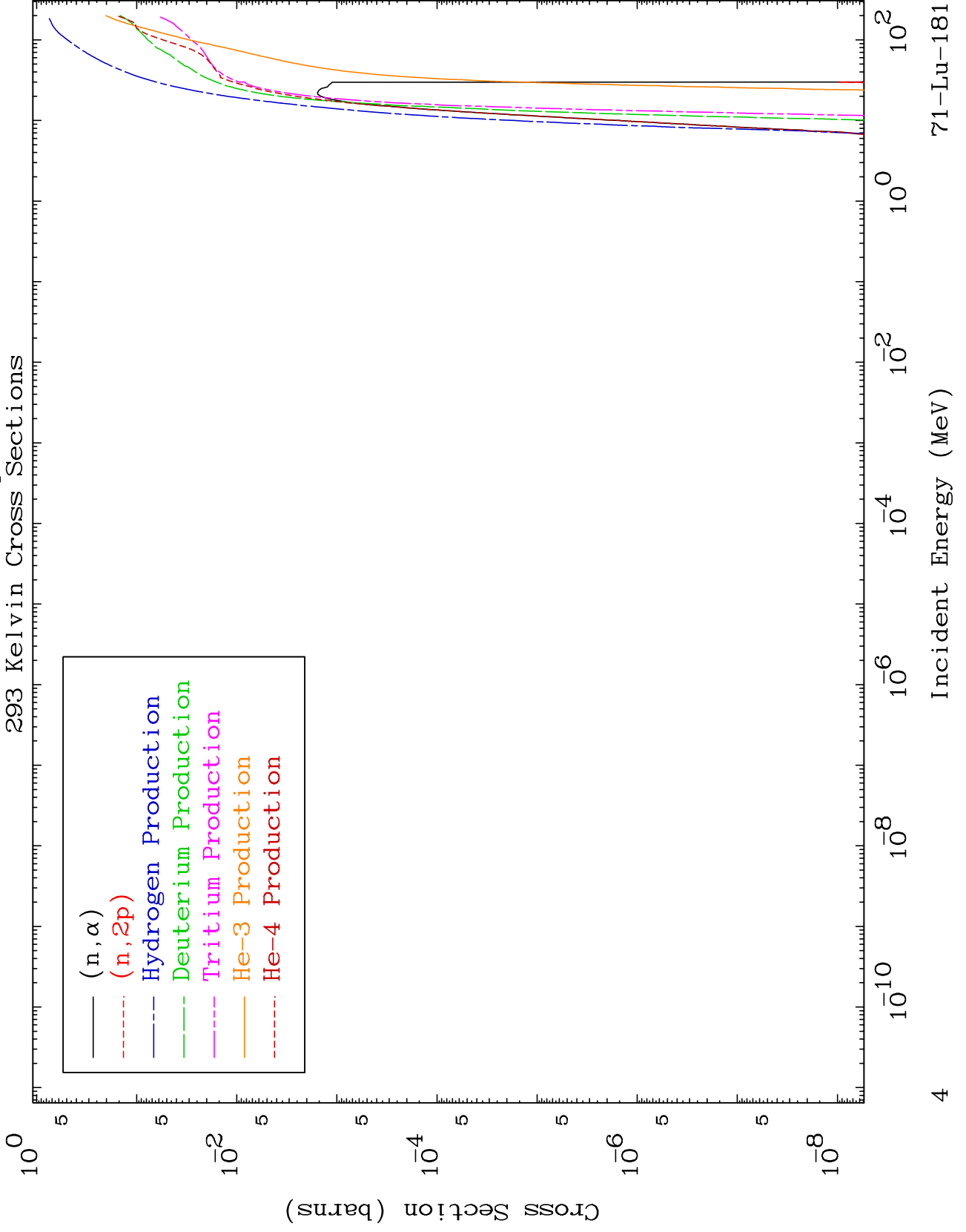
71-Lu-181



MAT 7143

Neutron Absorption
293 Kelvin Cross Sections

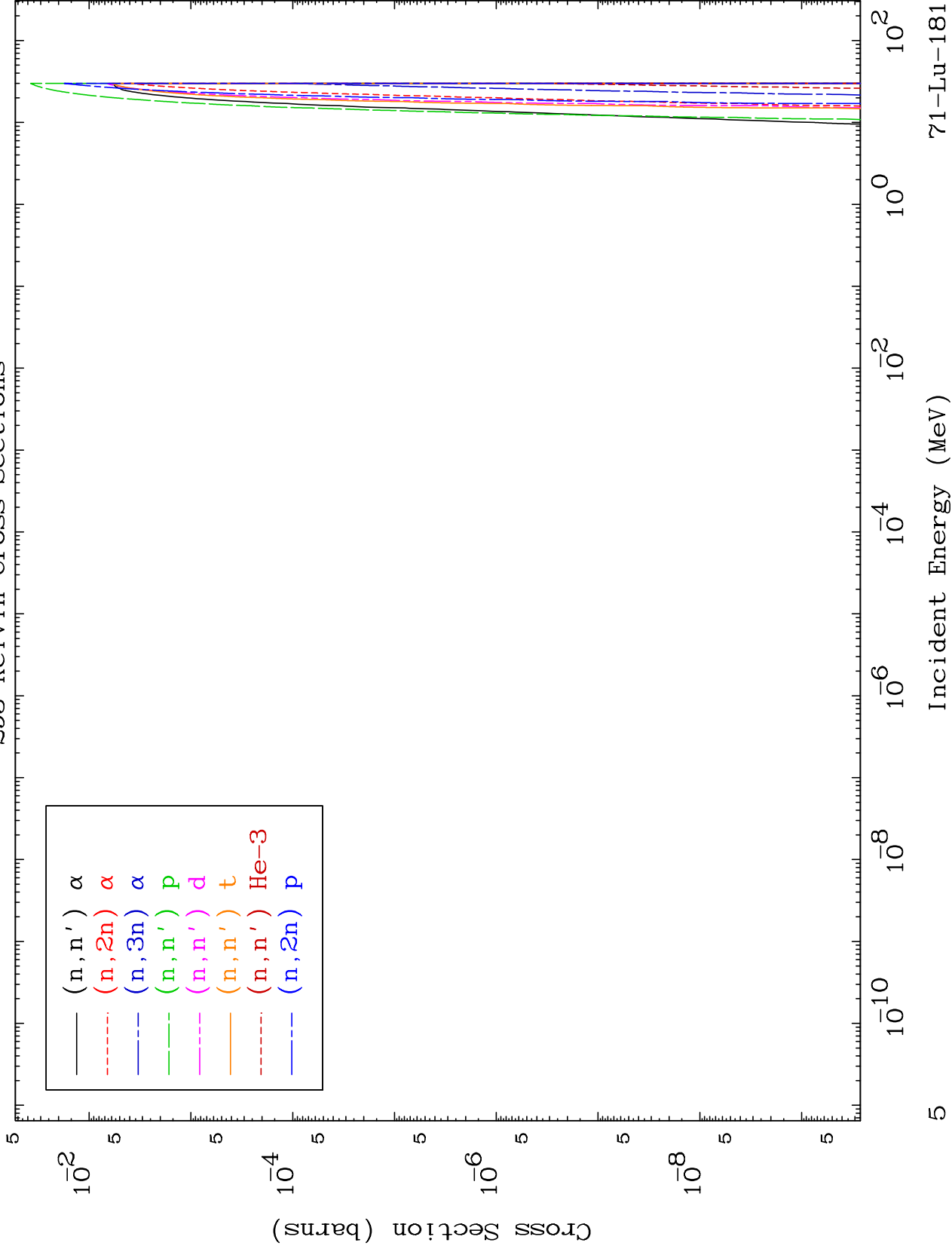
71-Lu-181



MAT 7143

Charged Particle
293 Kelvin Cross Sections

71-Lu-181



5

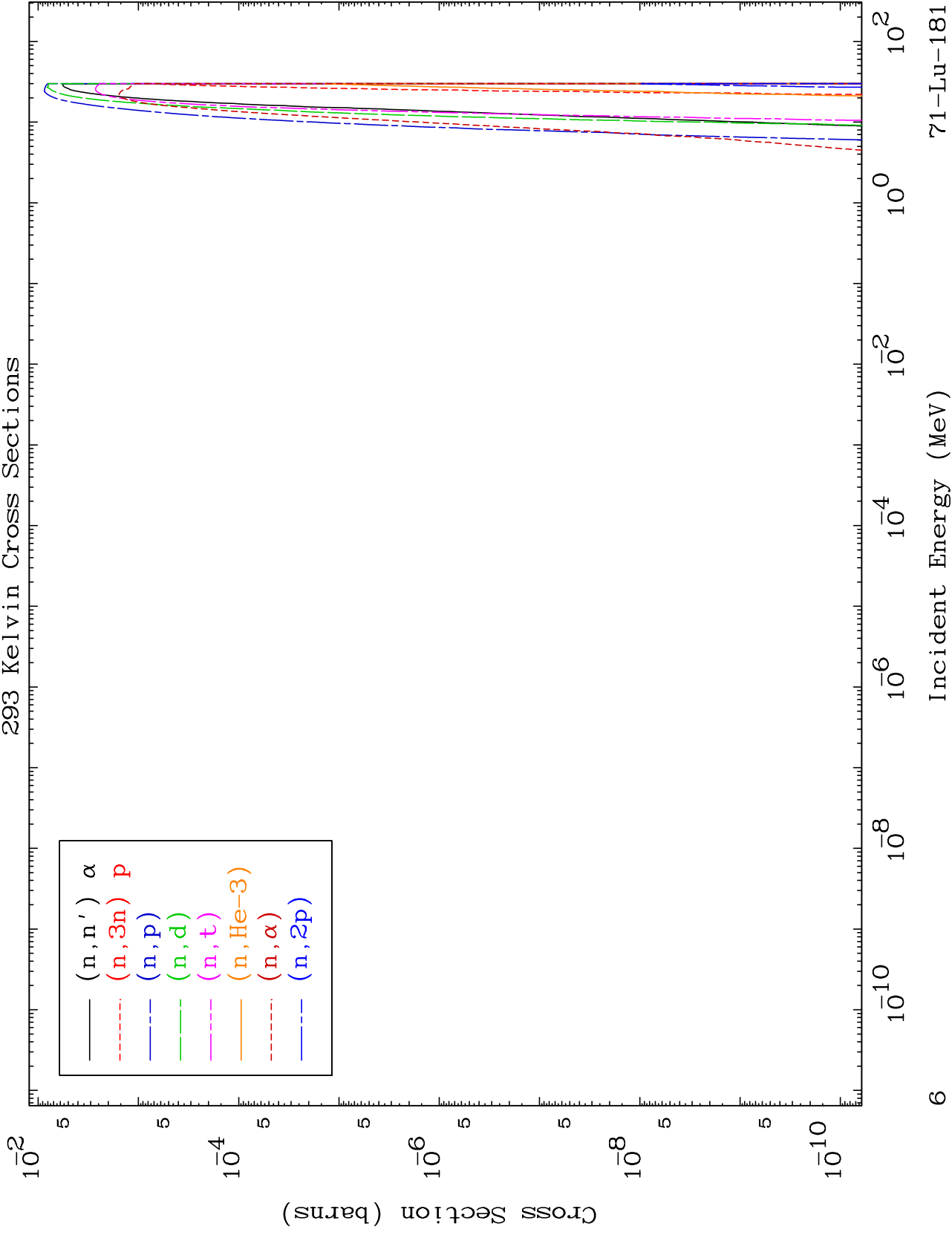
Incident Energy (MeV)

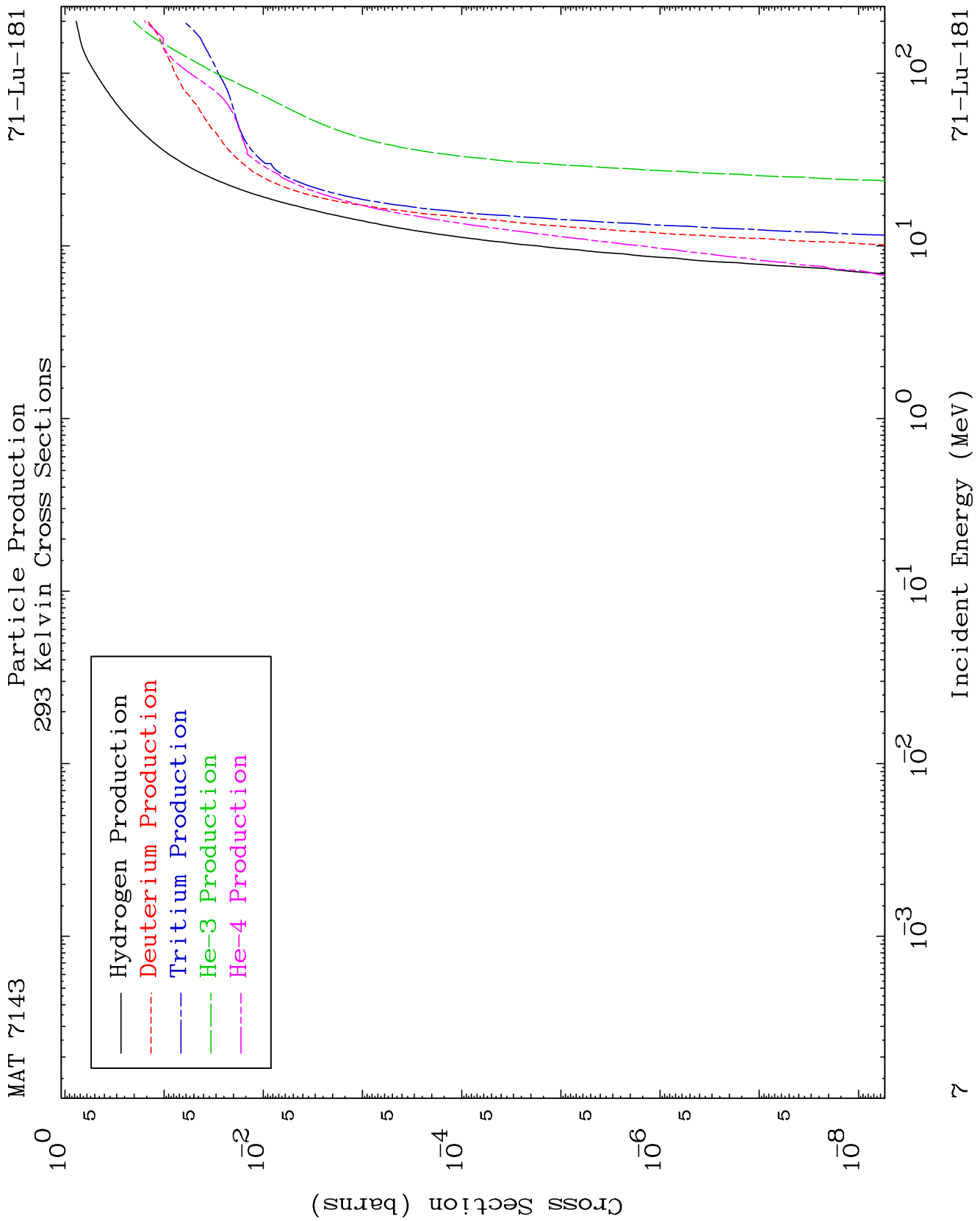
71-Lu-181

MAT 7143

Charged Particle
293 Kelvin Cross Sections

71-Lu-181



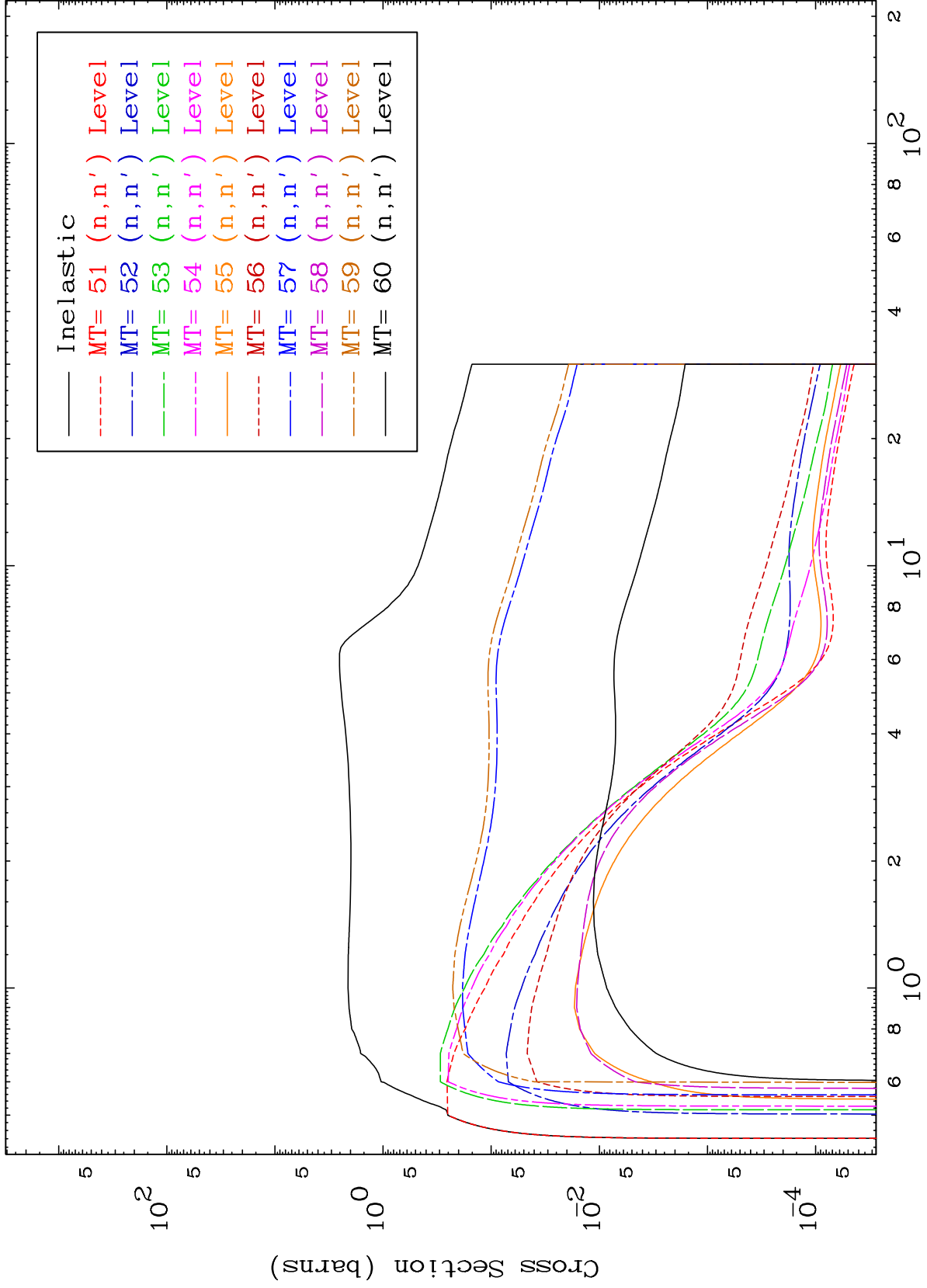


MAT 7143

(n,n') Levels

71-Lu-181

293 Kelvin Cross Sections

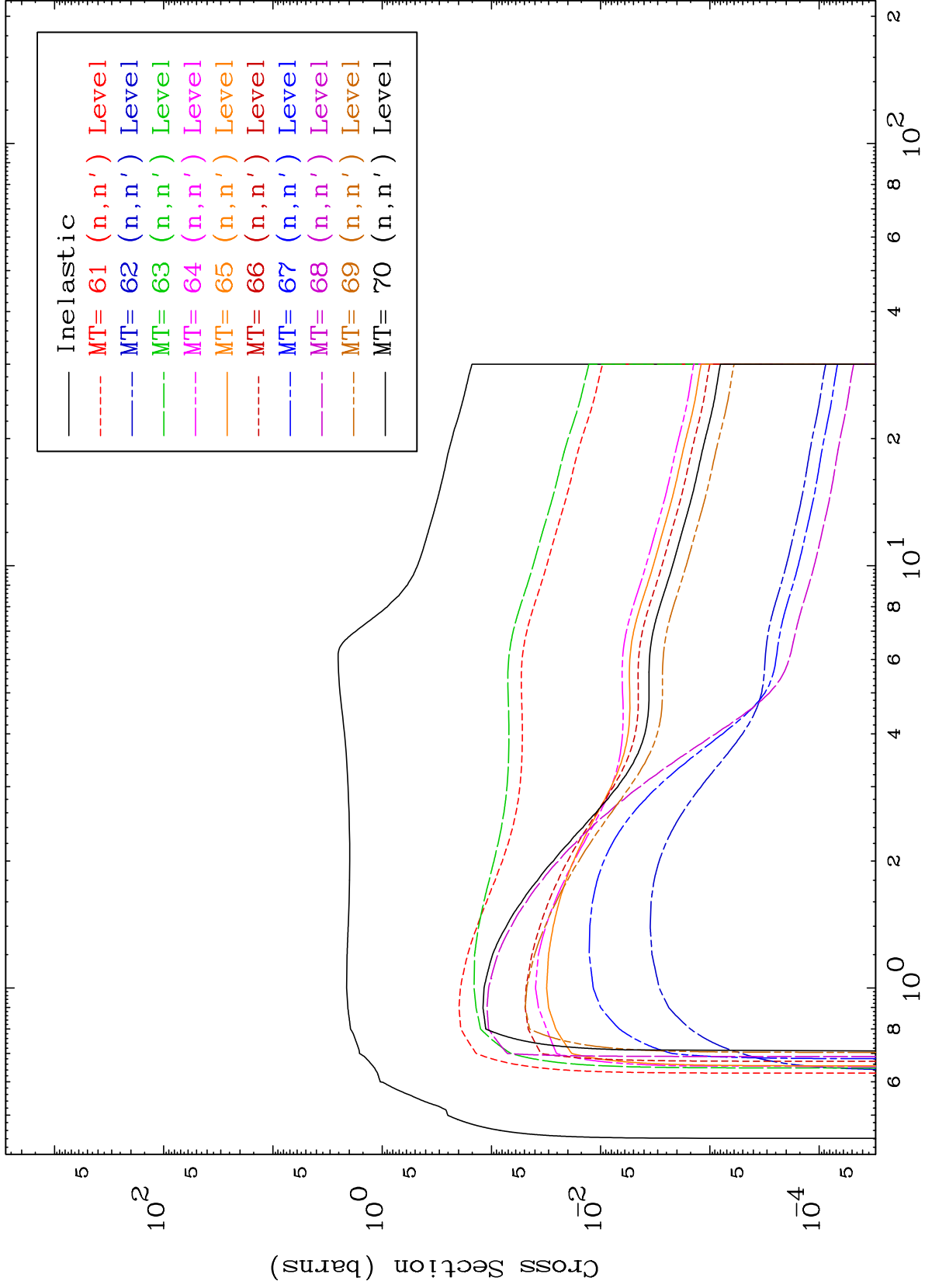


8

Incident Energy (MeV)

71-Lu-181

293 Kelvin Cross Sections

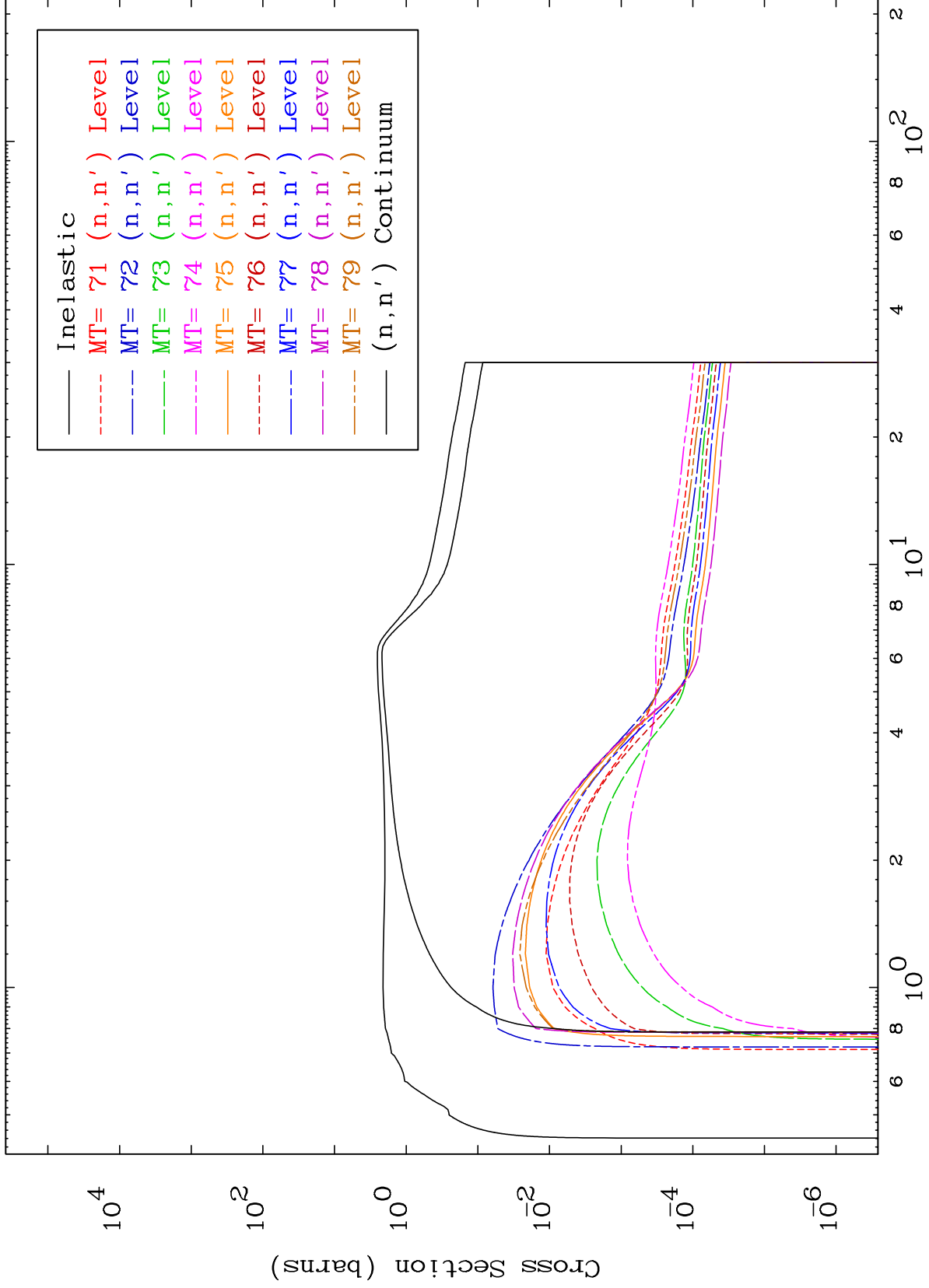


MAT 7143

(n,n') Levels

71-Lu-181

293 Kelvin Cross Sections



10

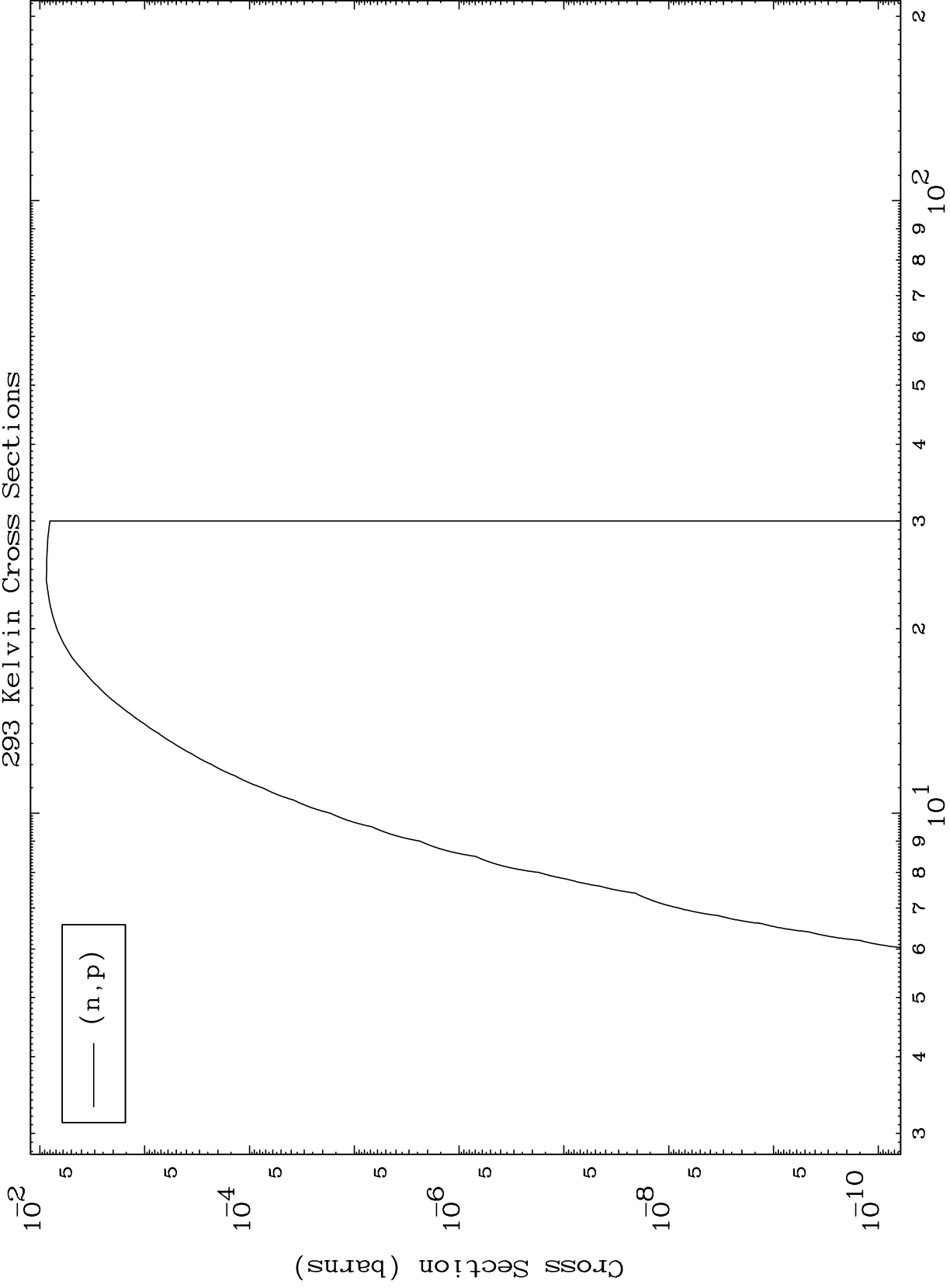
Incident Energy (MeV)

71-Lu-181

MAT 7143

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-181



11

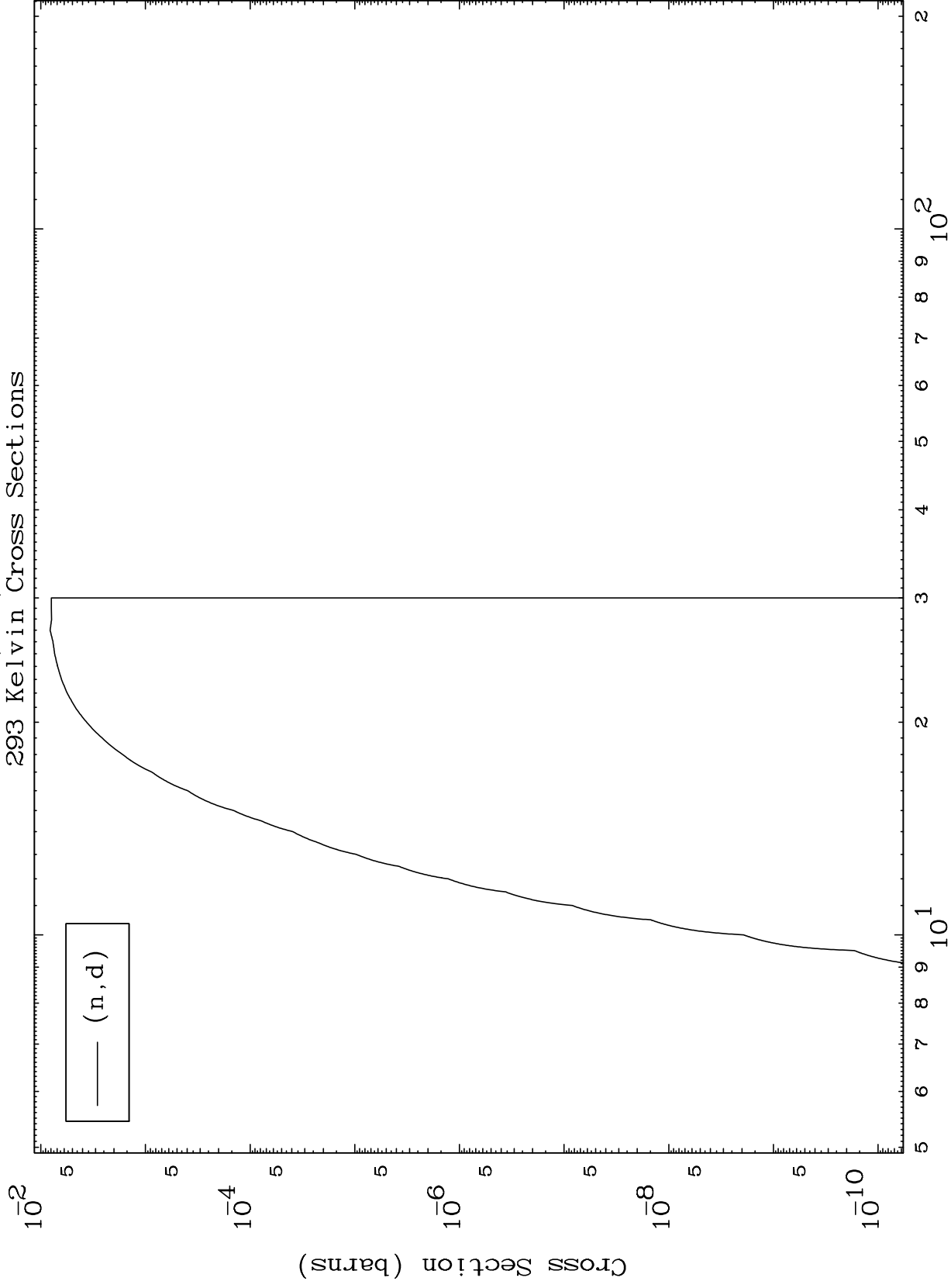
Incident Energy (MeV)

71-Lu-181

MAT 7143

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-181



12

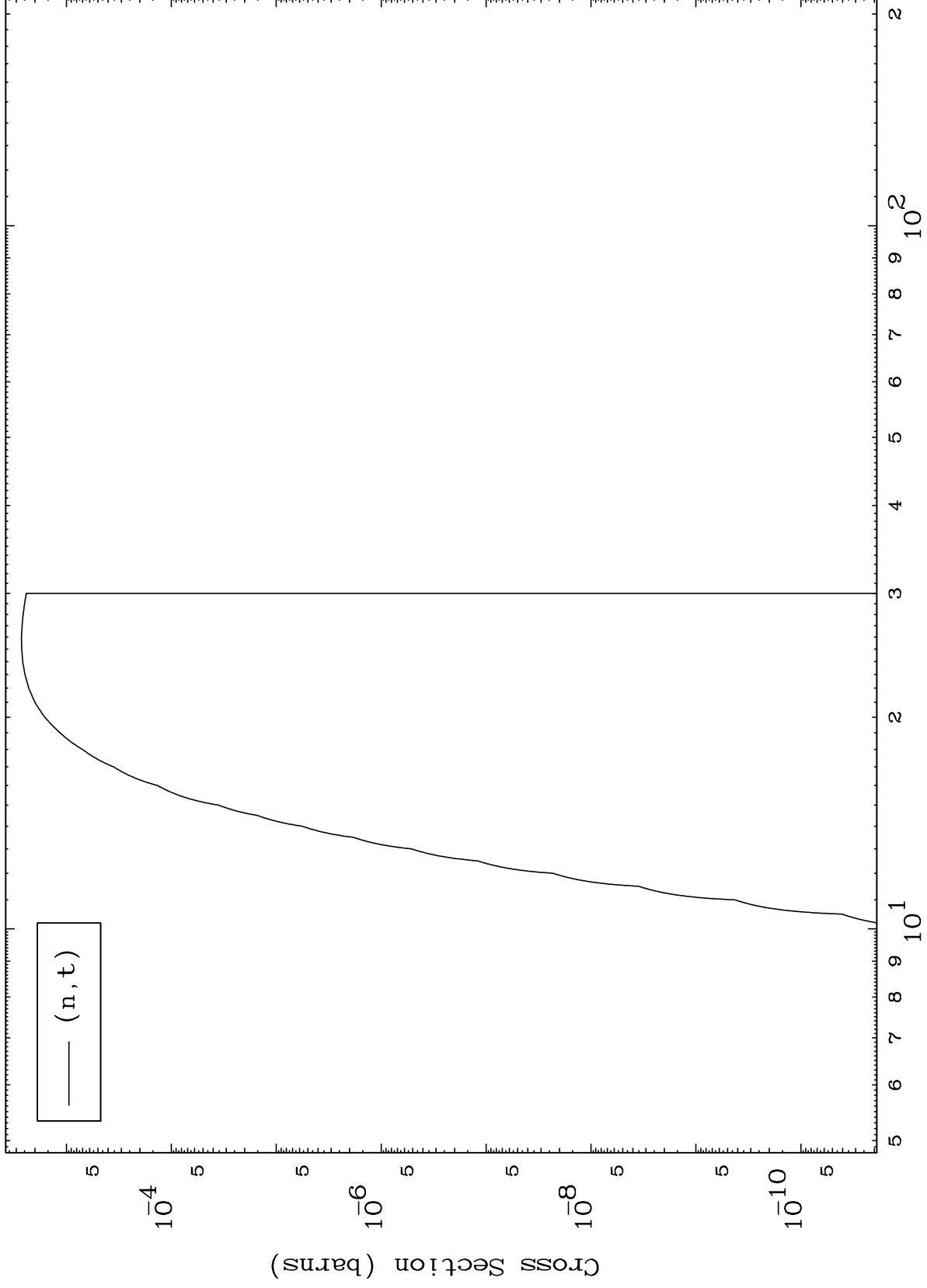
Incident Energy (MeV)

71-Lu-181

MAT 7143

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-181



13

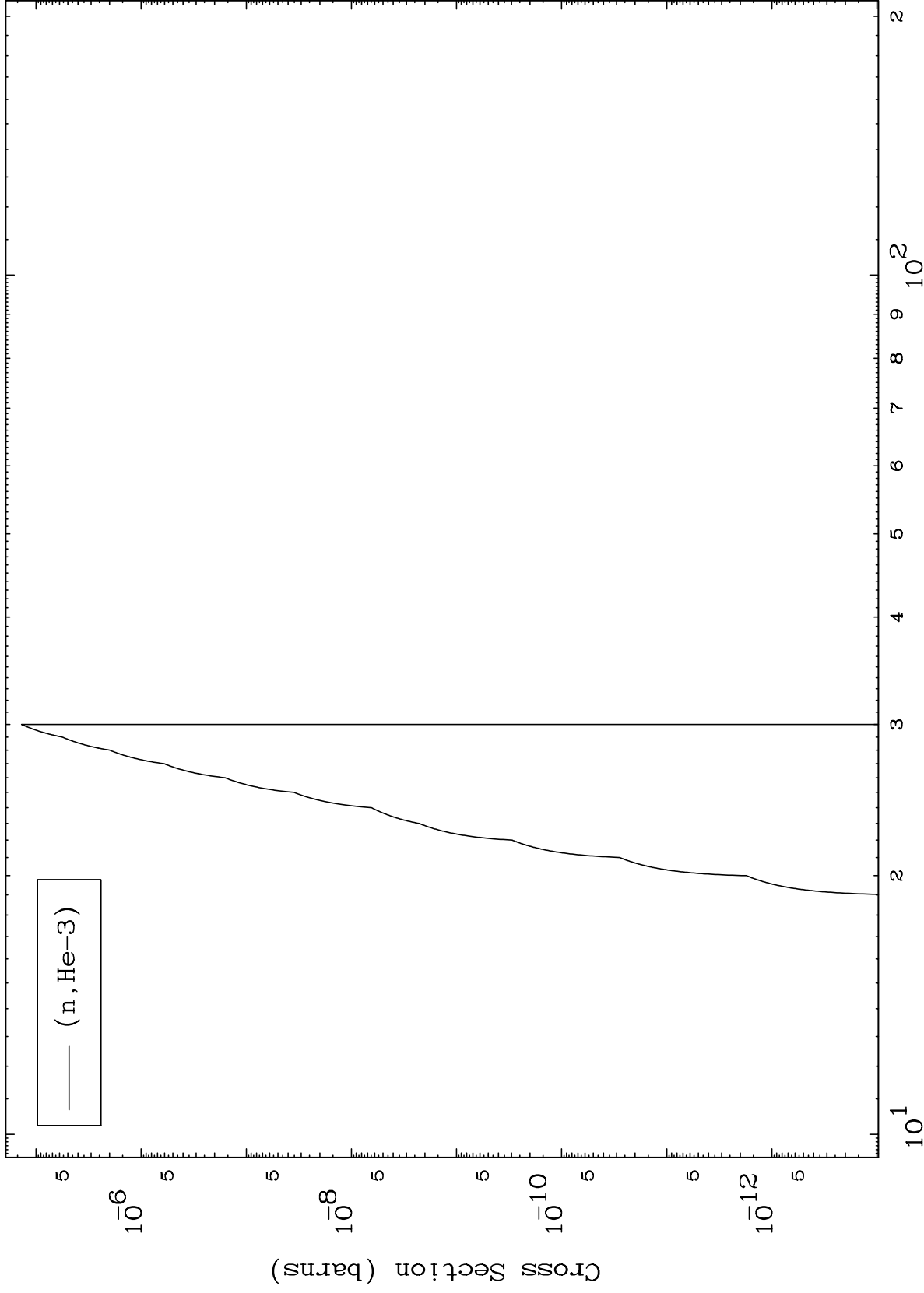
Incident Energy (MeV)

71-Lu-181

MAT 7143

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-181



71-Lu-181

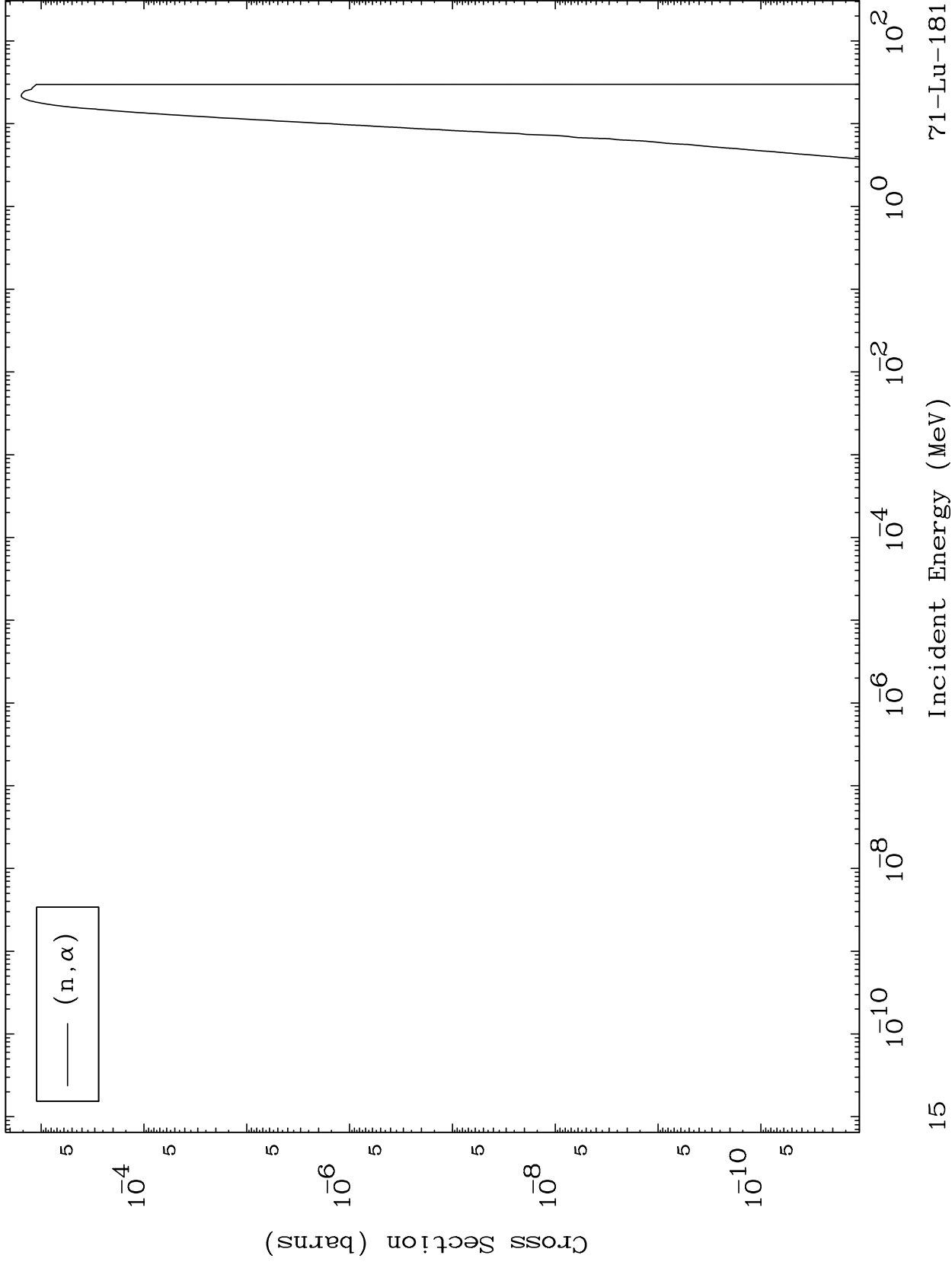
Incident Energy (MeV)

14

MAT 7143

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-181



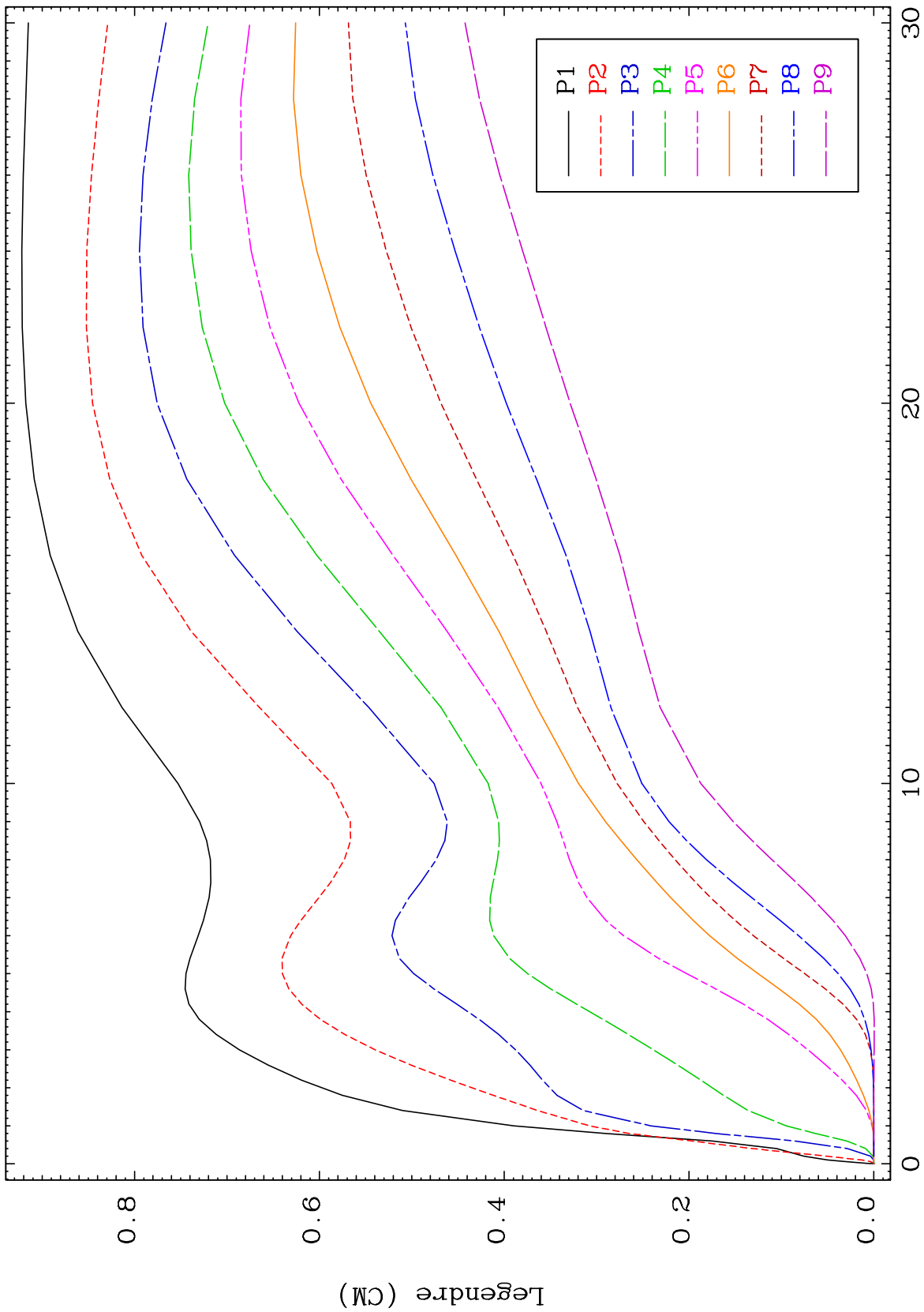
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71-Lu-181

MAT 7143

71-Lu-181

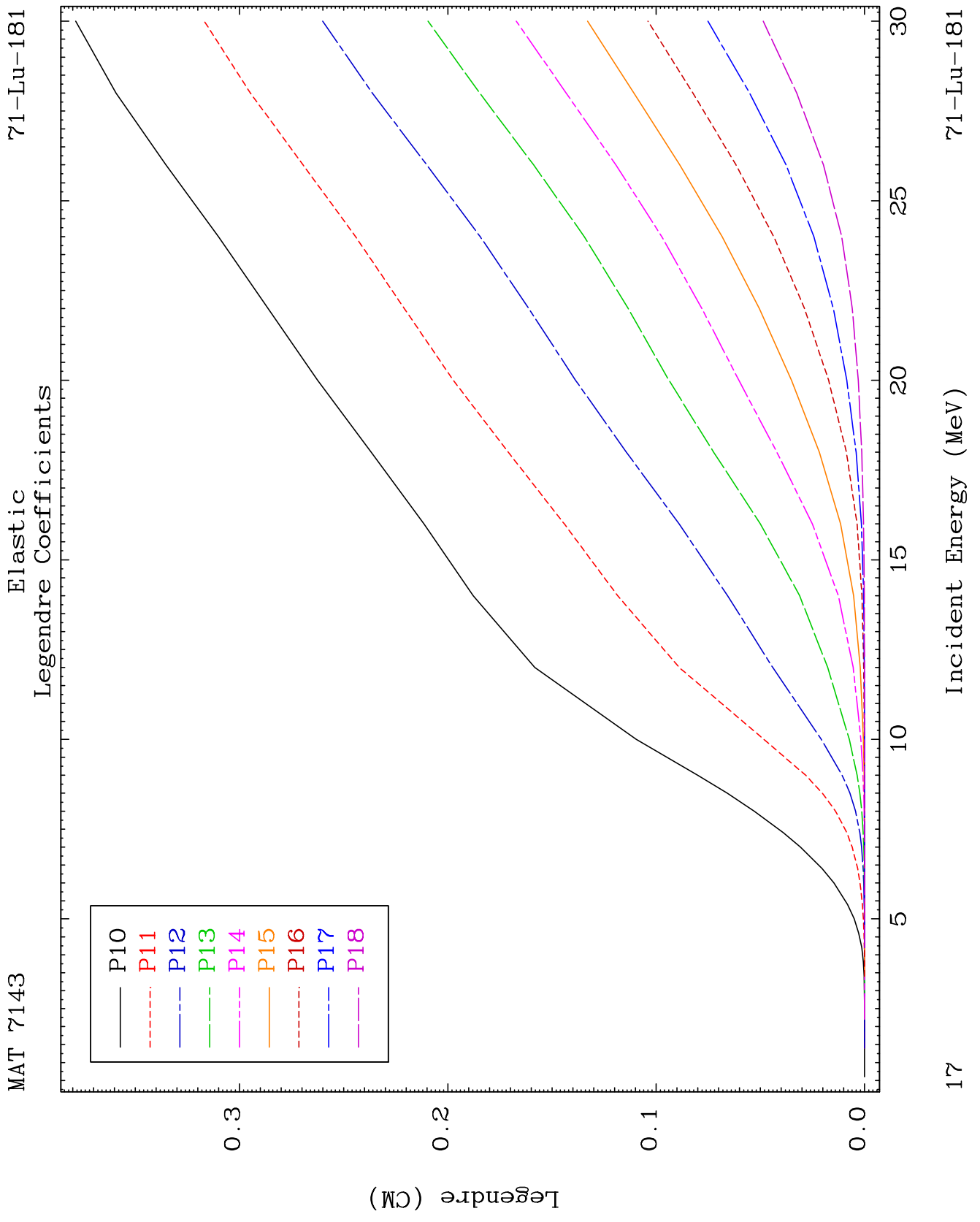
Elastic Legendre Coefficients



16

Incident Energy (MeV)

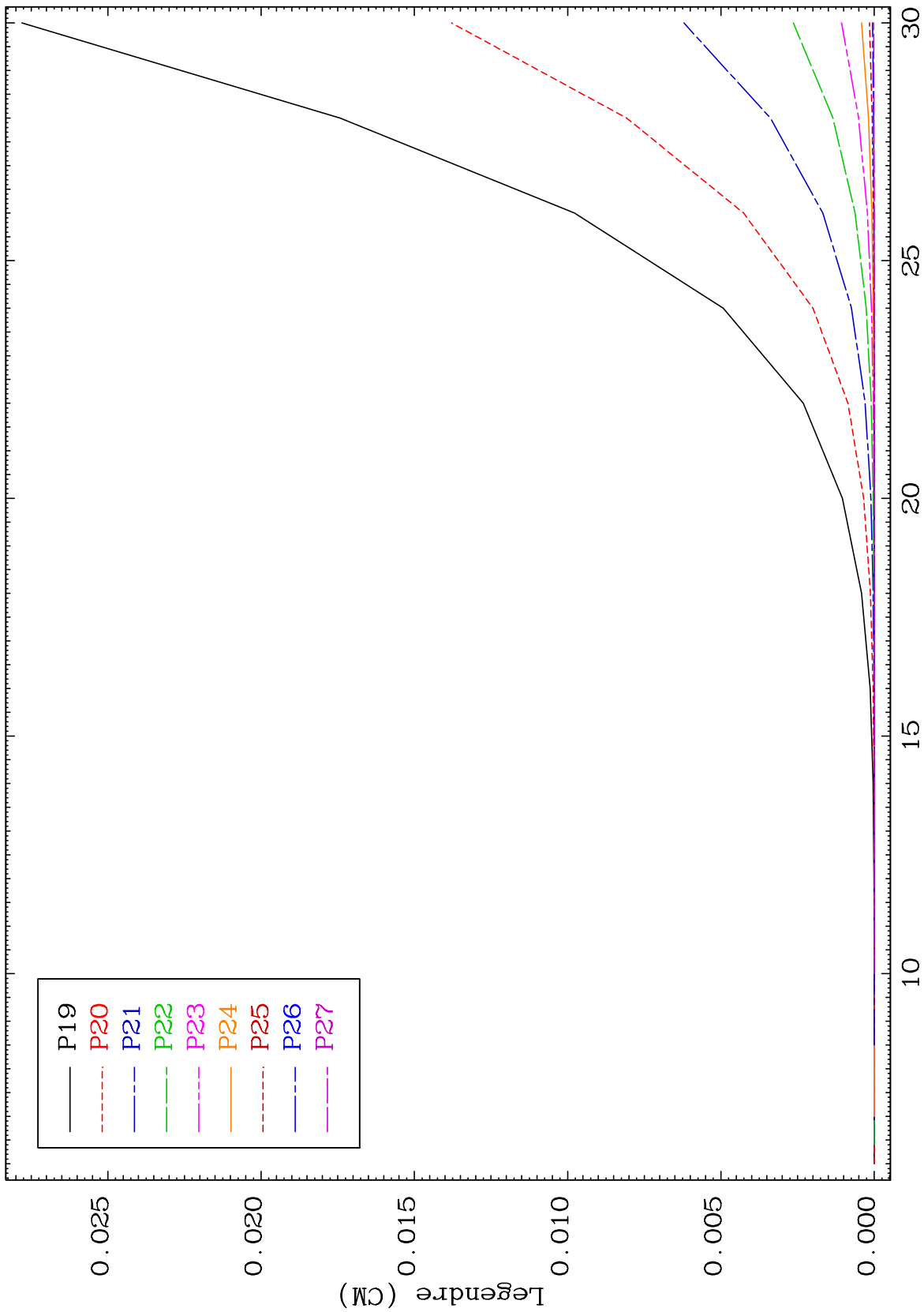
71-Lu-181



MAT 7143

Elastic Legendre Coefficients

71-Lu-181



18

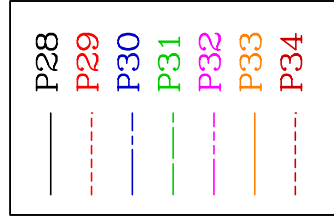
Incident Energy (MeV)

71-Lu-181

MAT 7143

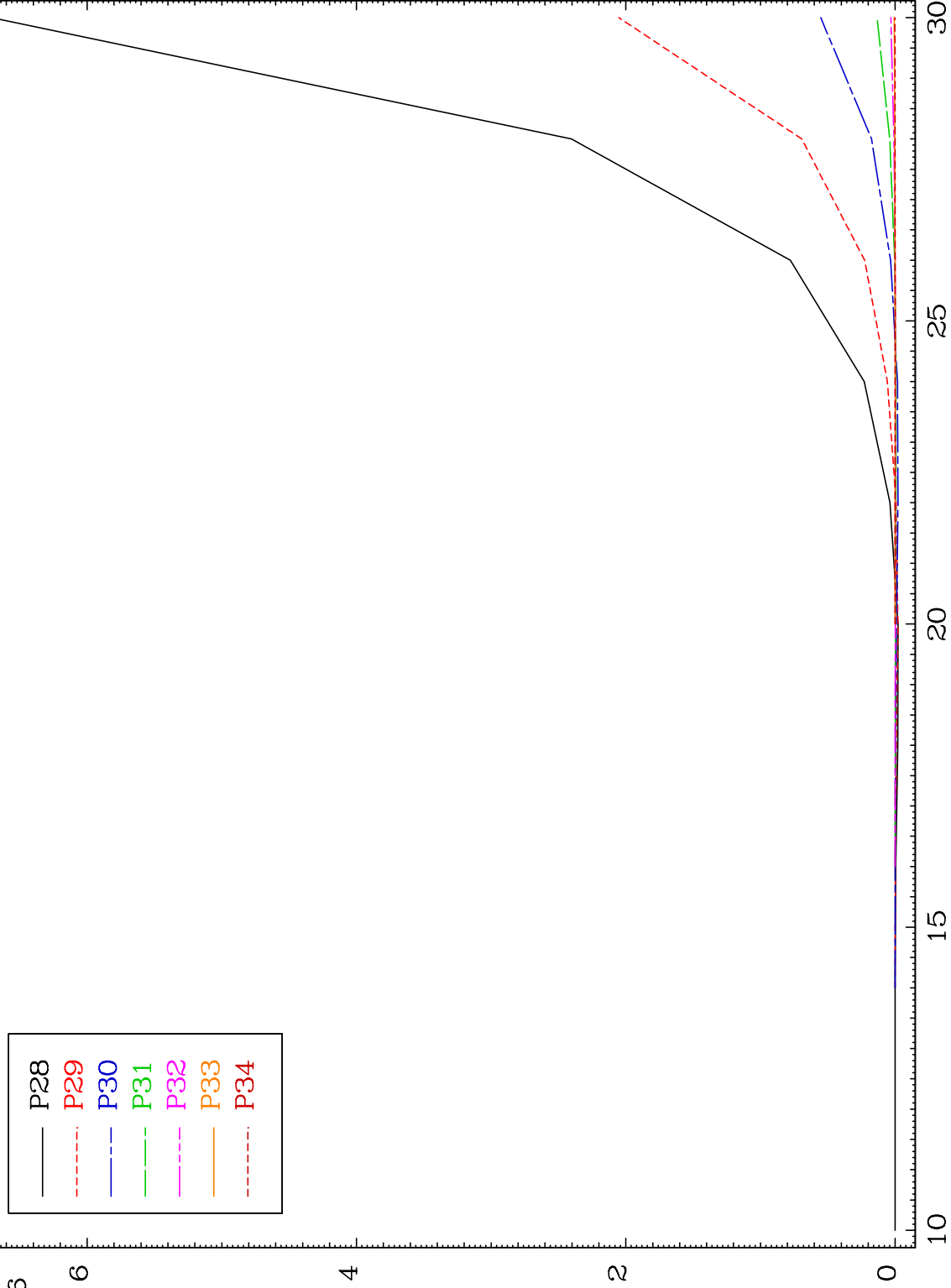
Elastic
Legendre Coefficients

71-Lu-181



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

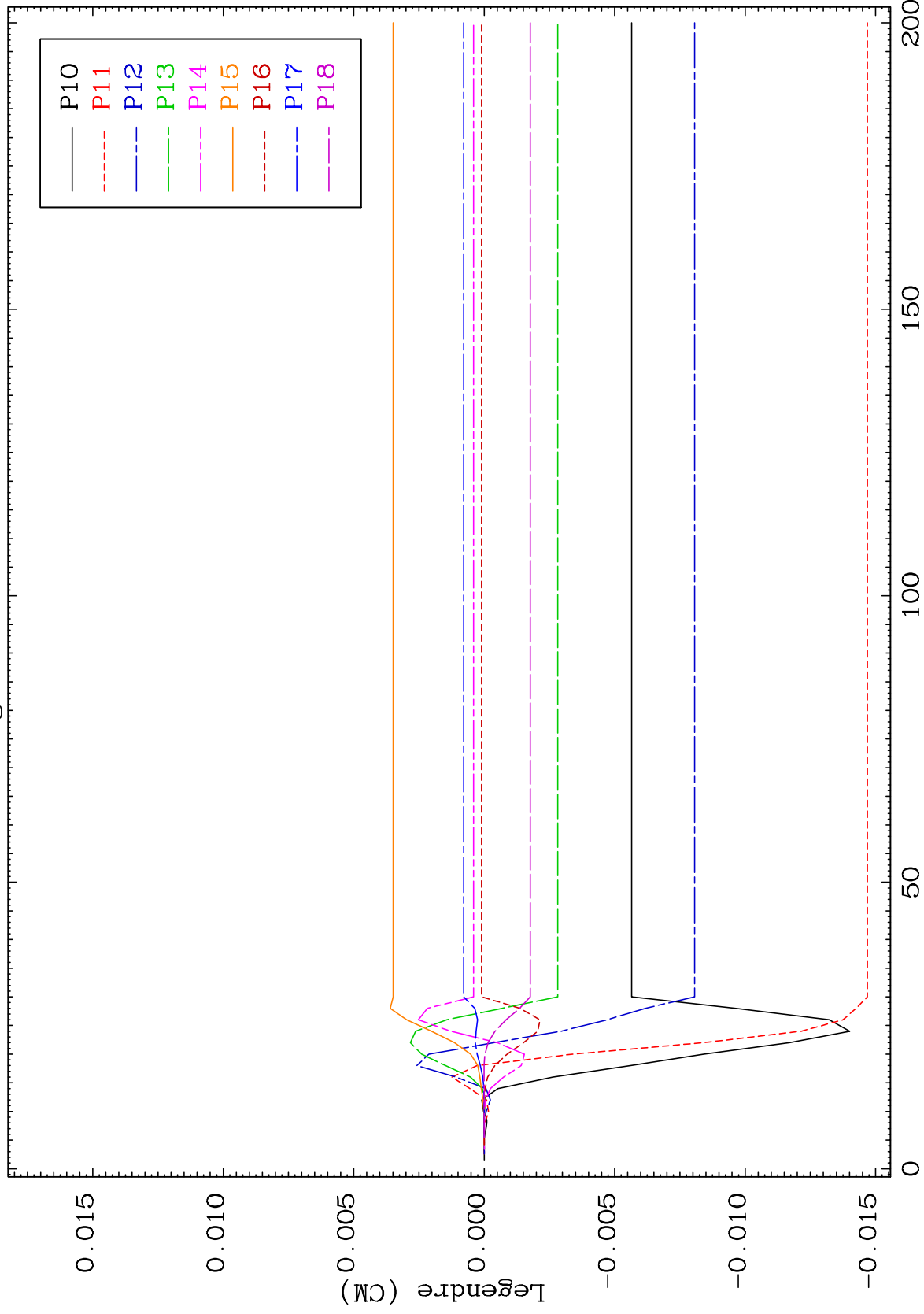
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

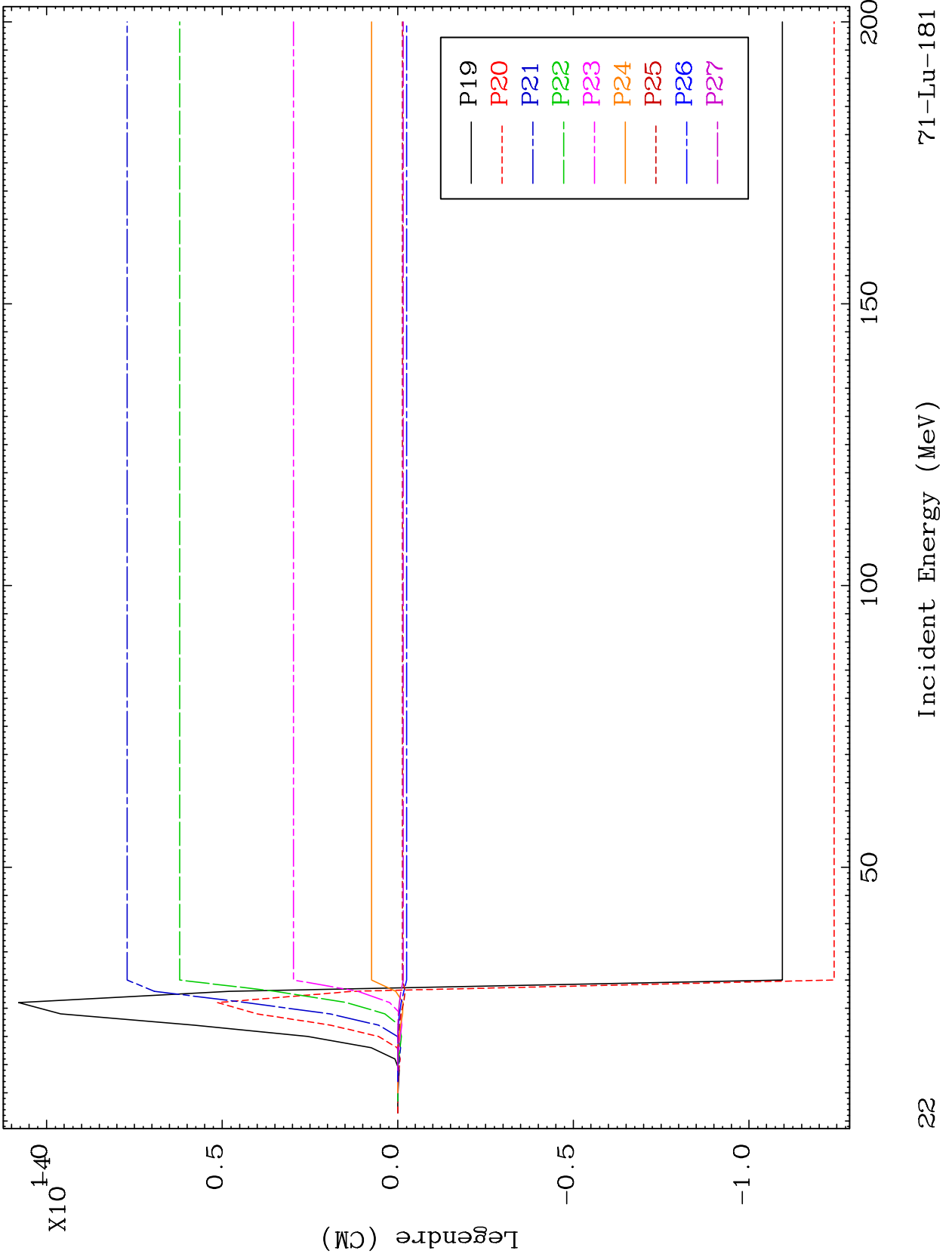
71-Lu-181

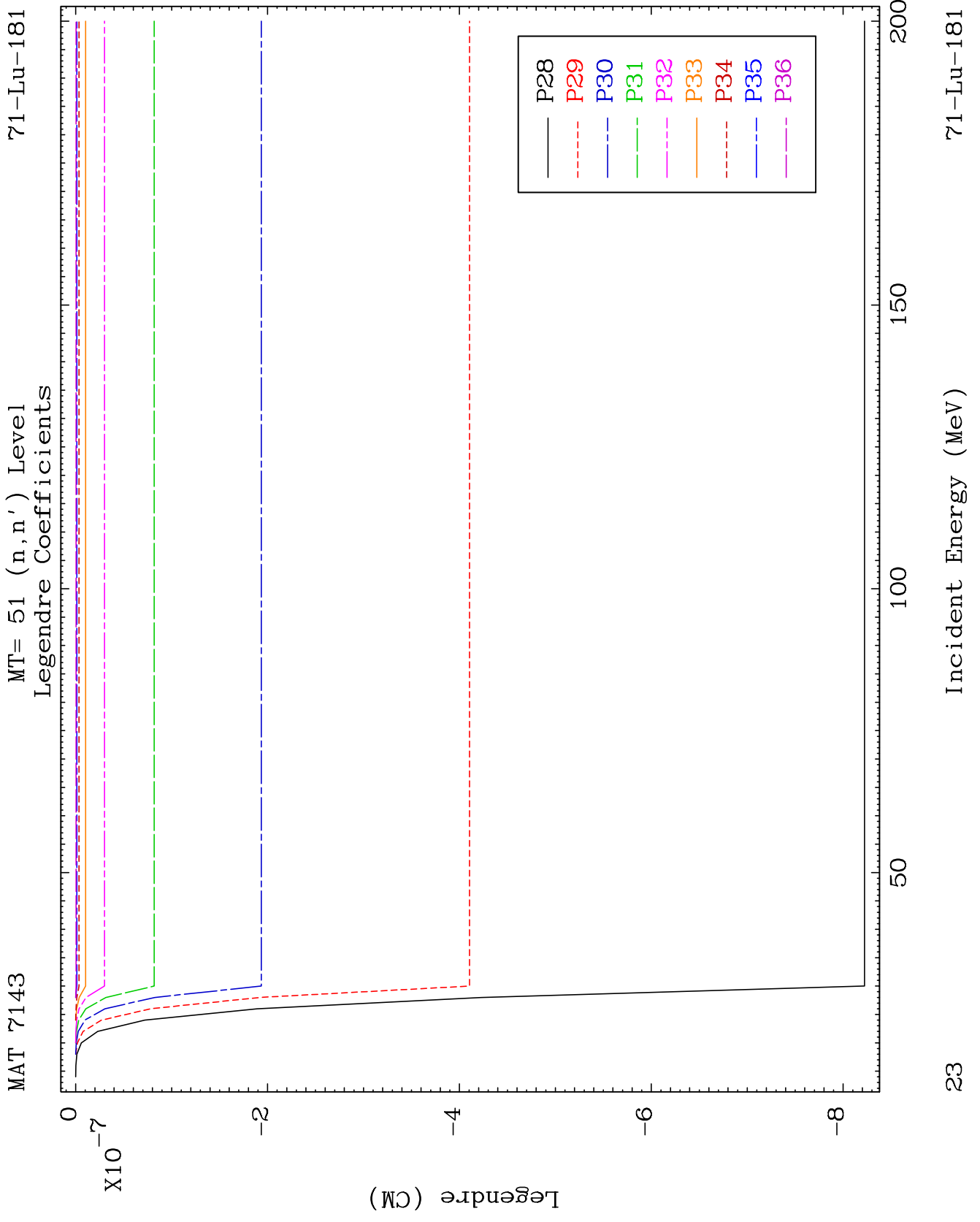


21

Incident Energy (MeV)

71-Lu-181

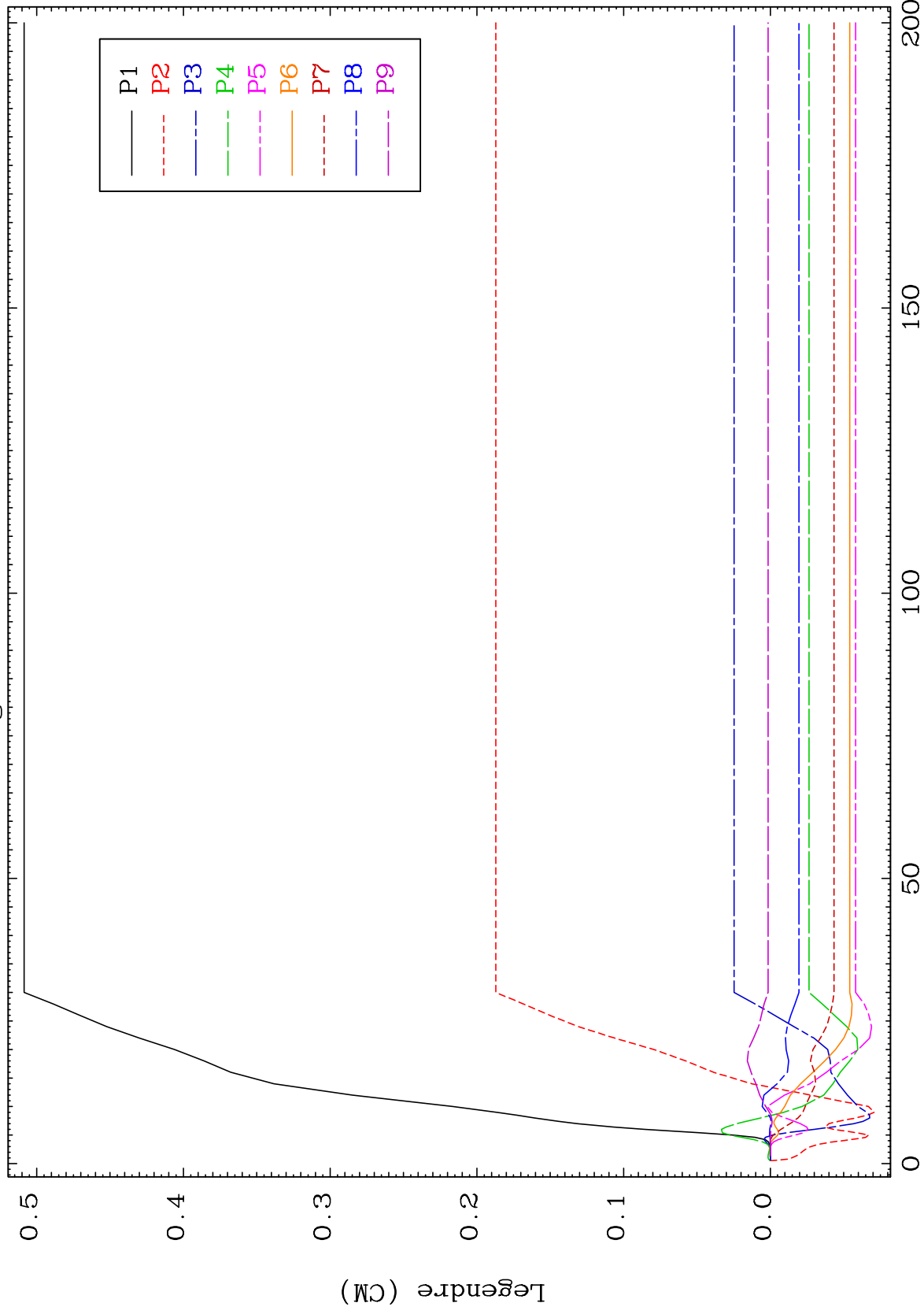




MAT 7143

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

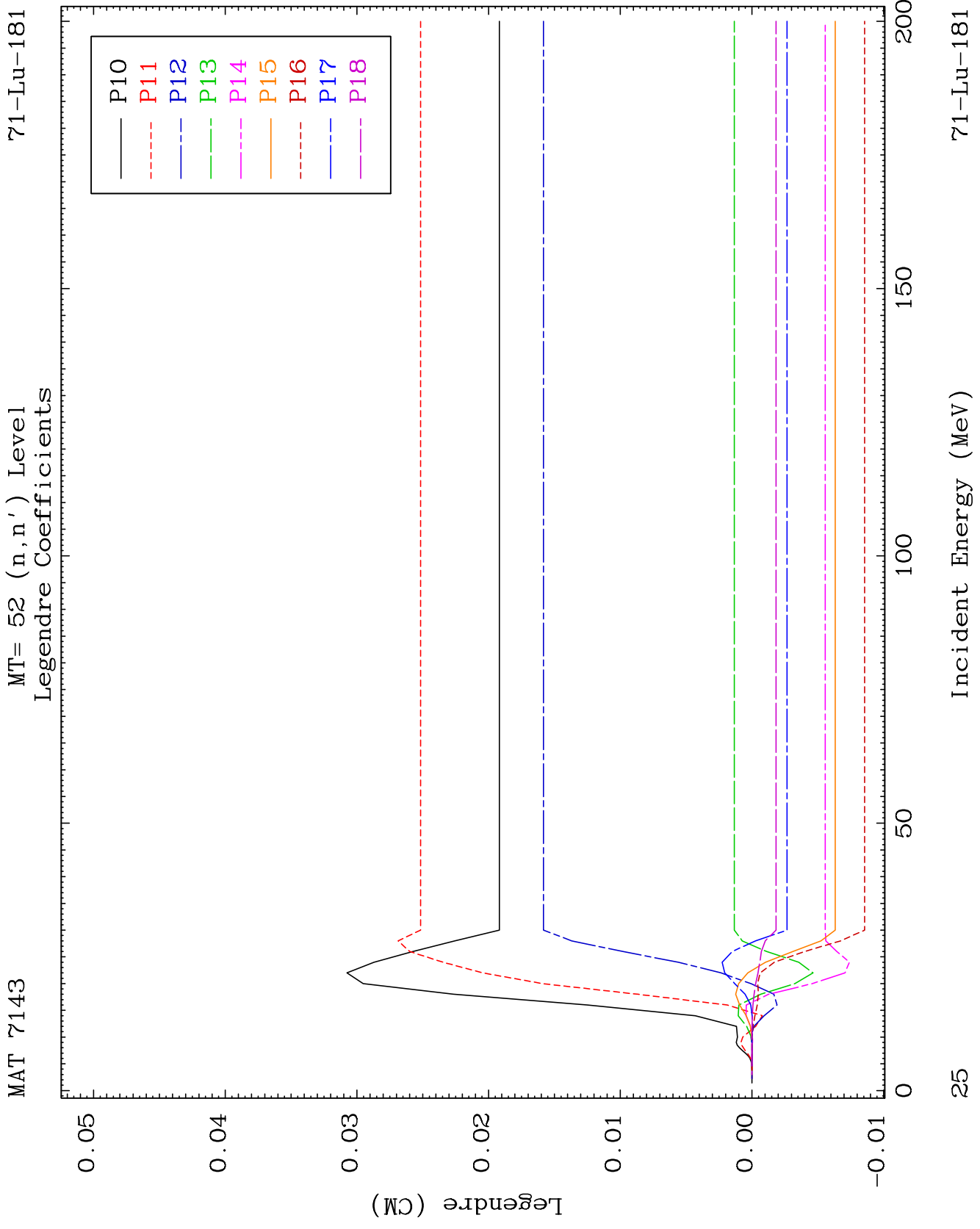
71-Lu-181



24

Incident Energy (MeV)

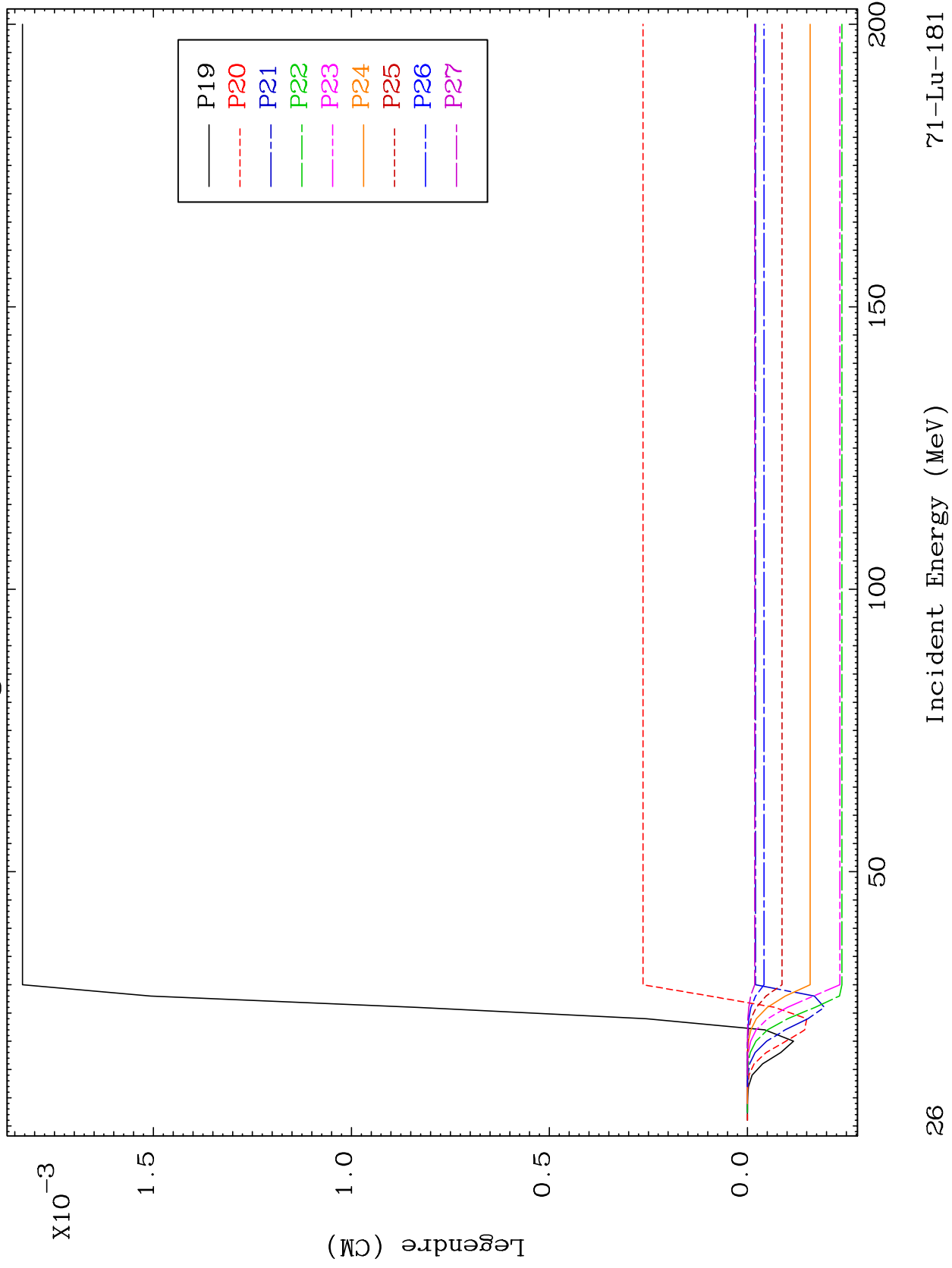
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MAT 7143

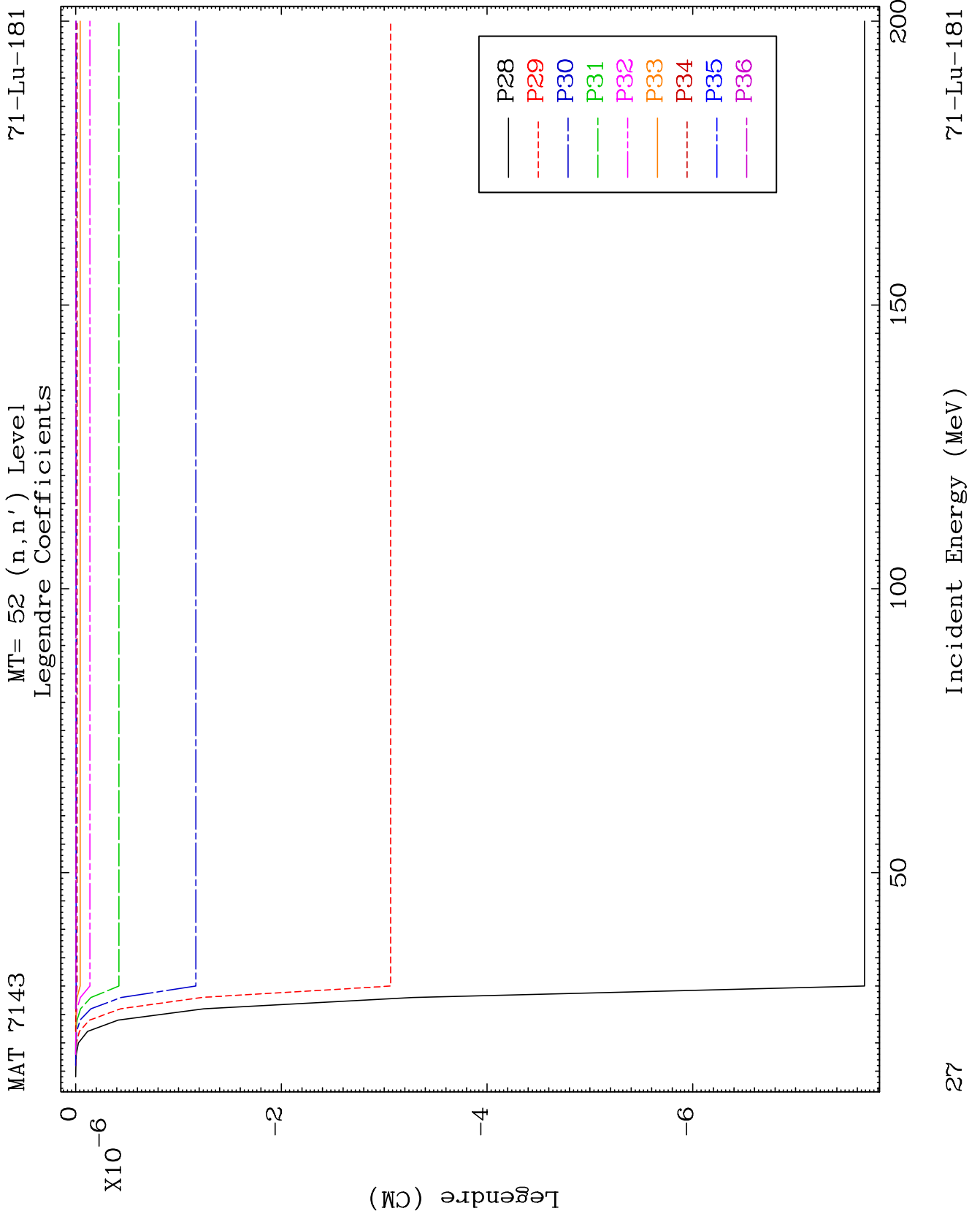
MT= 52 (n,n') Level
Legendre Coefficients

71-Lu-181



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71-Lu-181

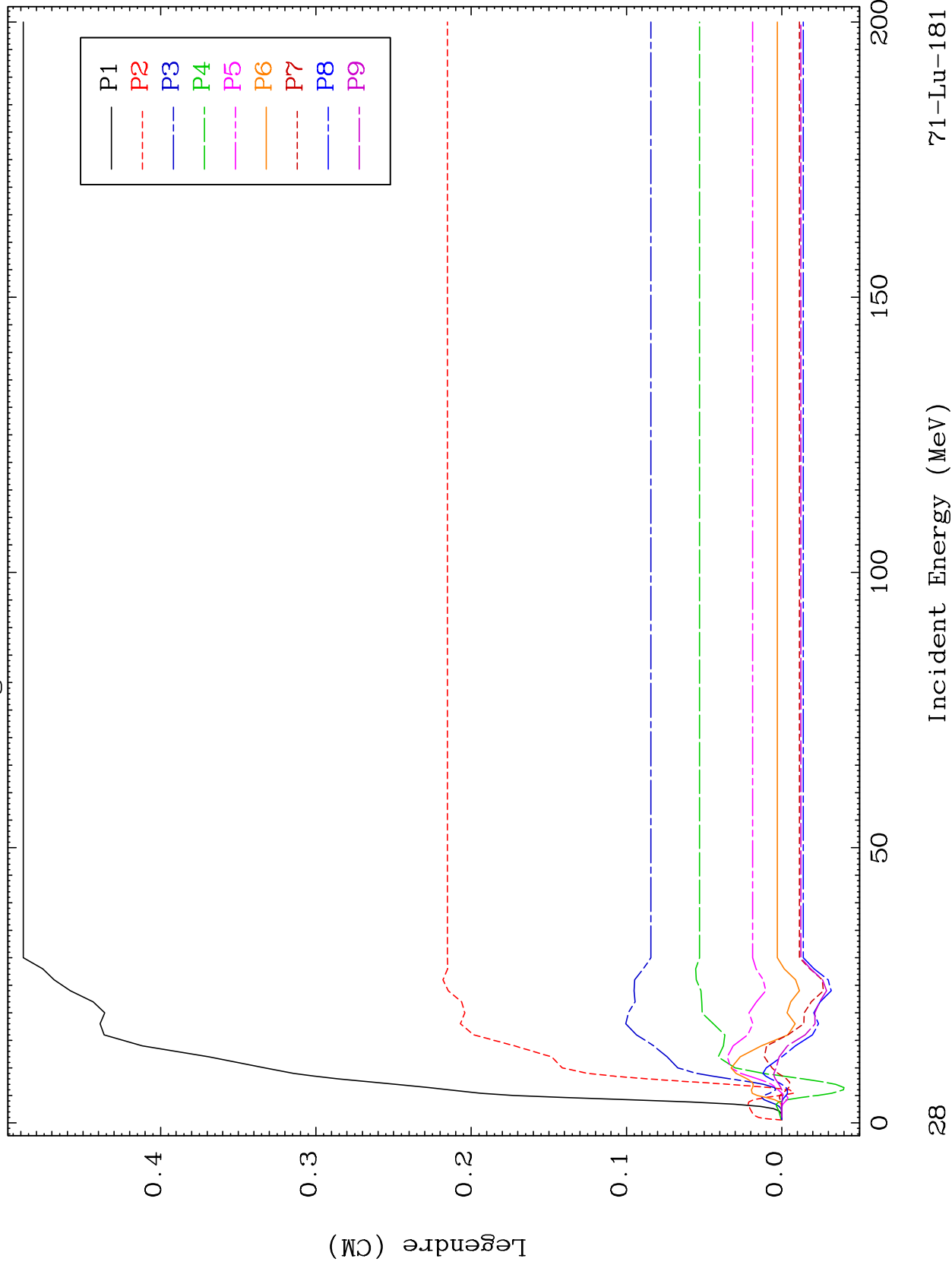


MAT 7143

MT= 53 (n,n') Level

71-Lu-181

Legendre Coefficients



28

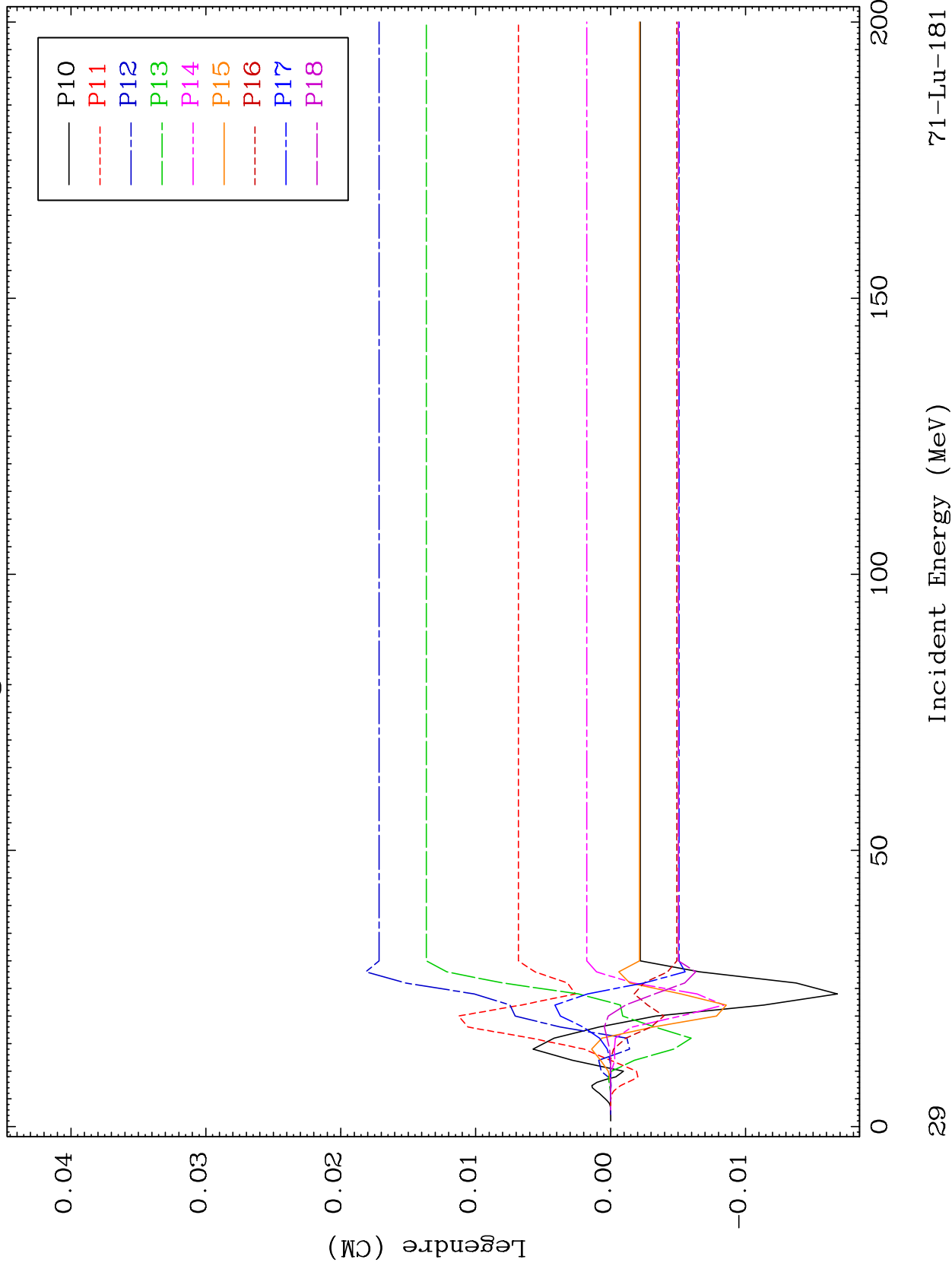
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



71-Lu-181

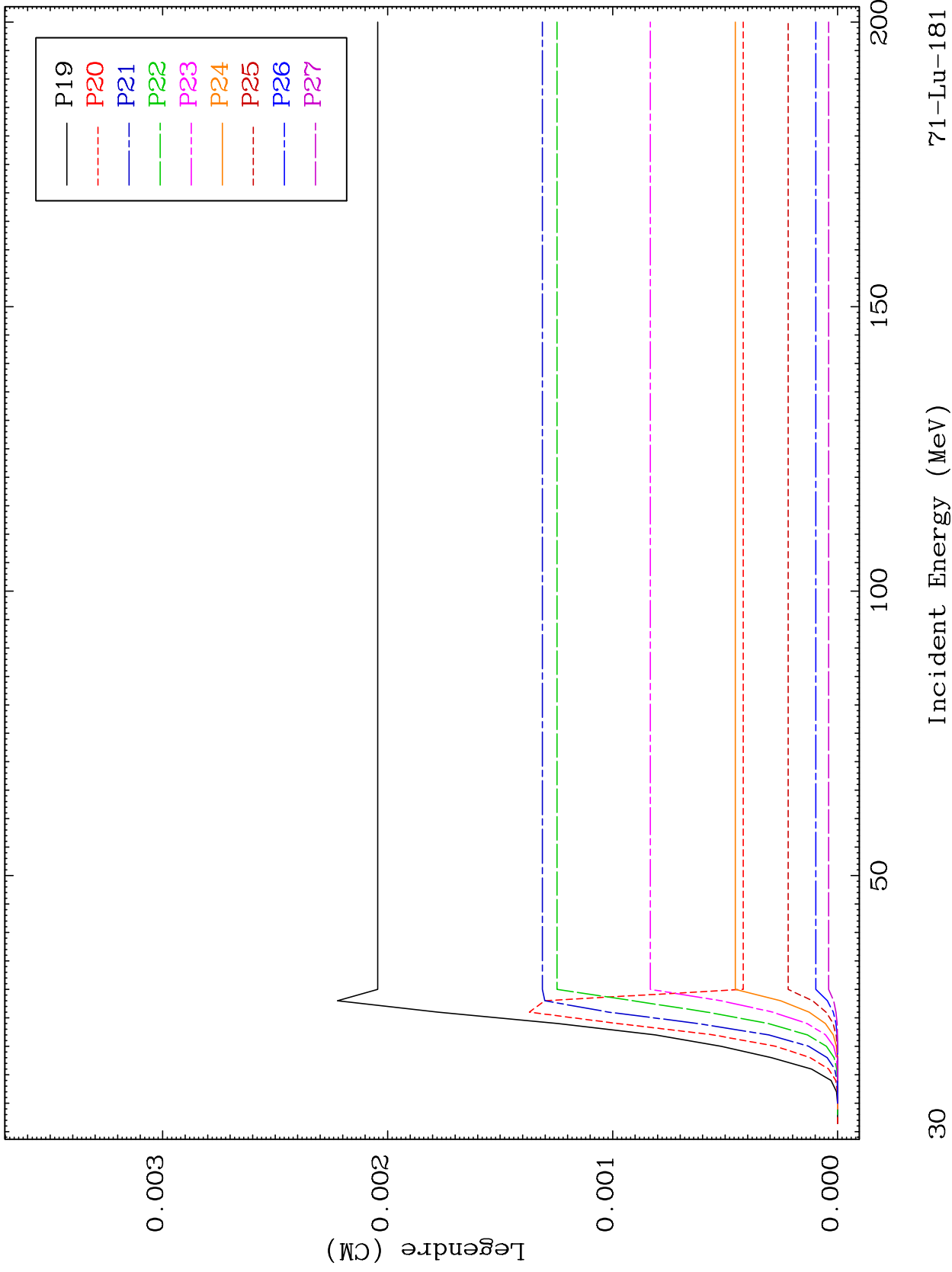
Incident Energy (MeV)

29

MAT 7143

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

71-Lu-181



30

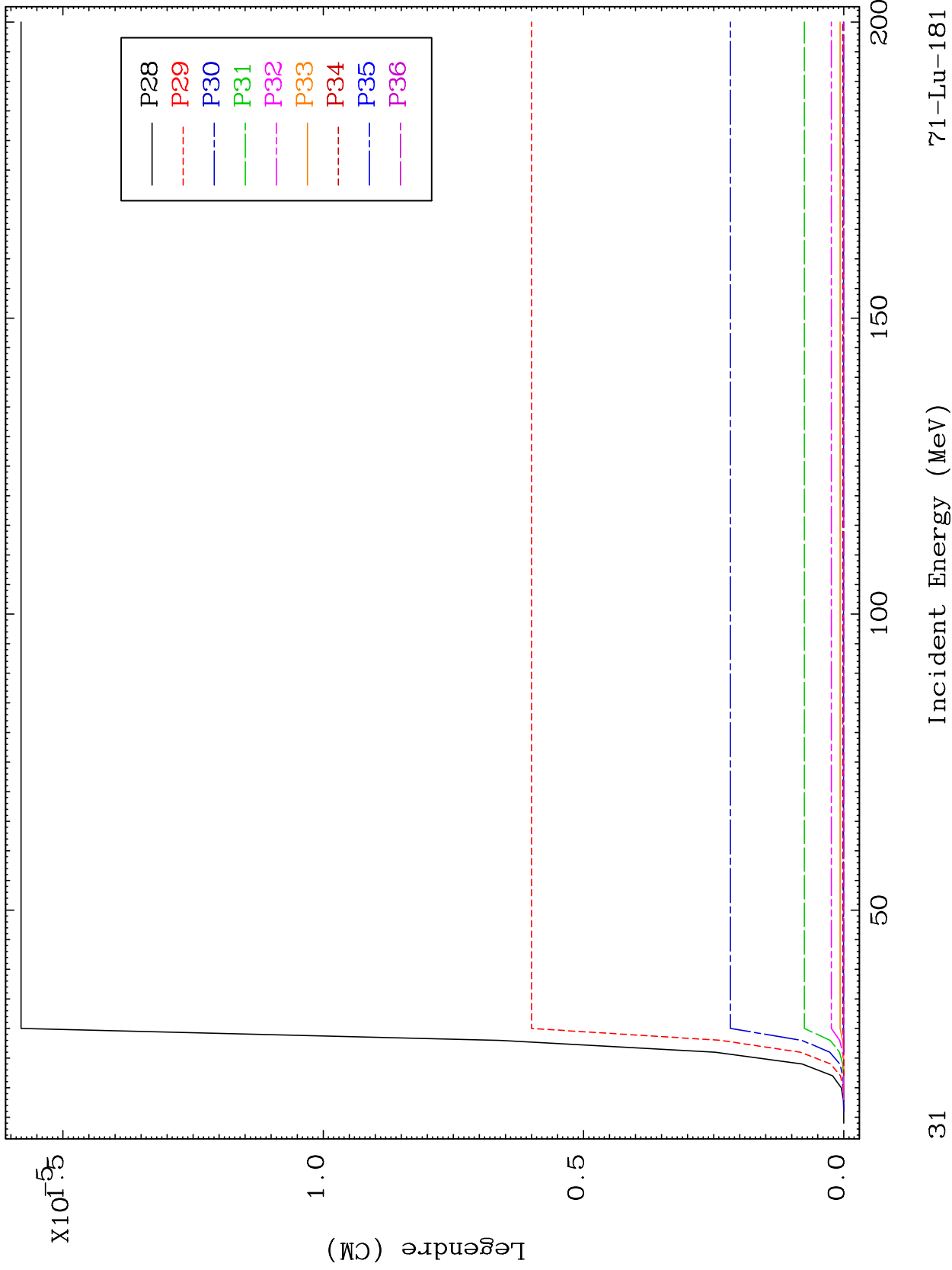
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



31

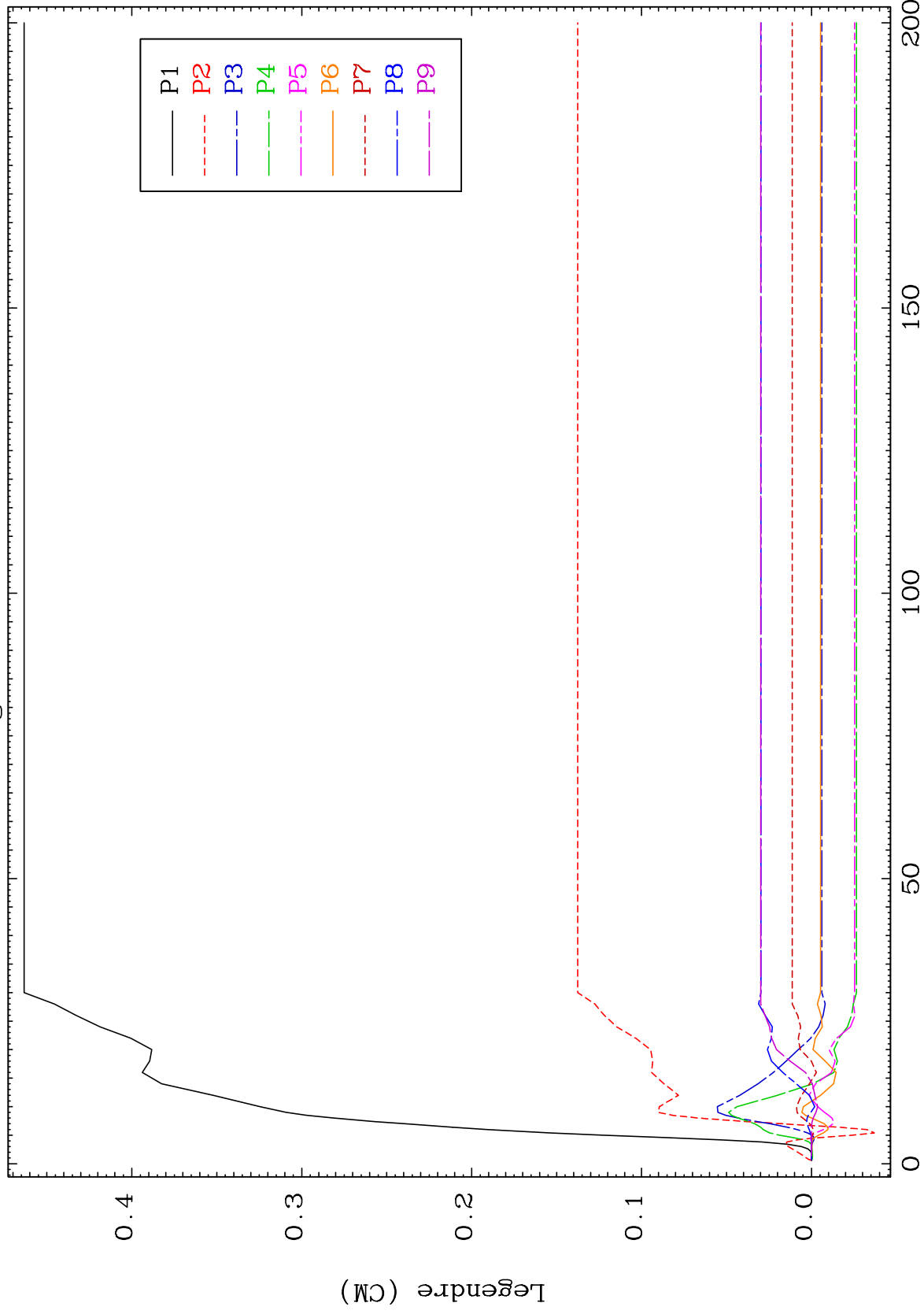
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



32

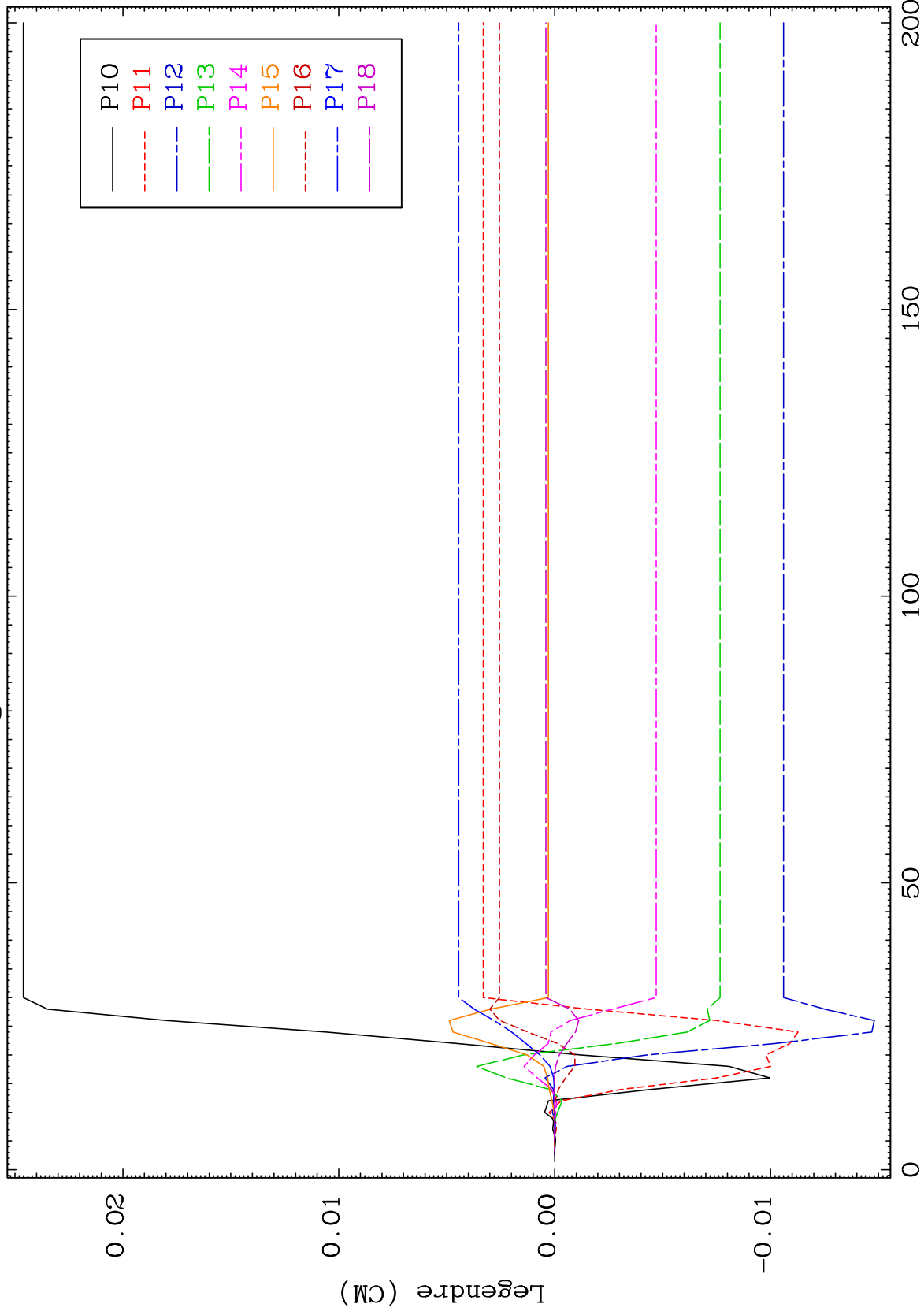
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



33

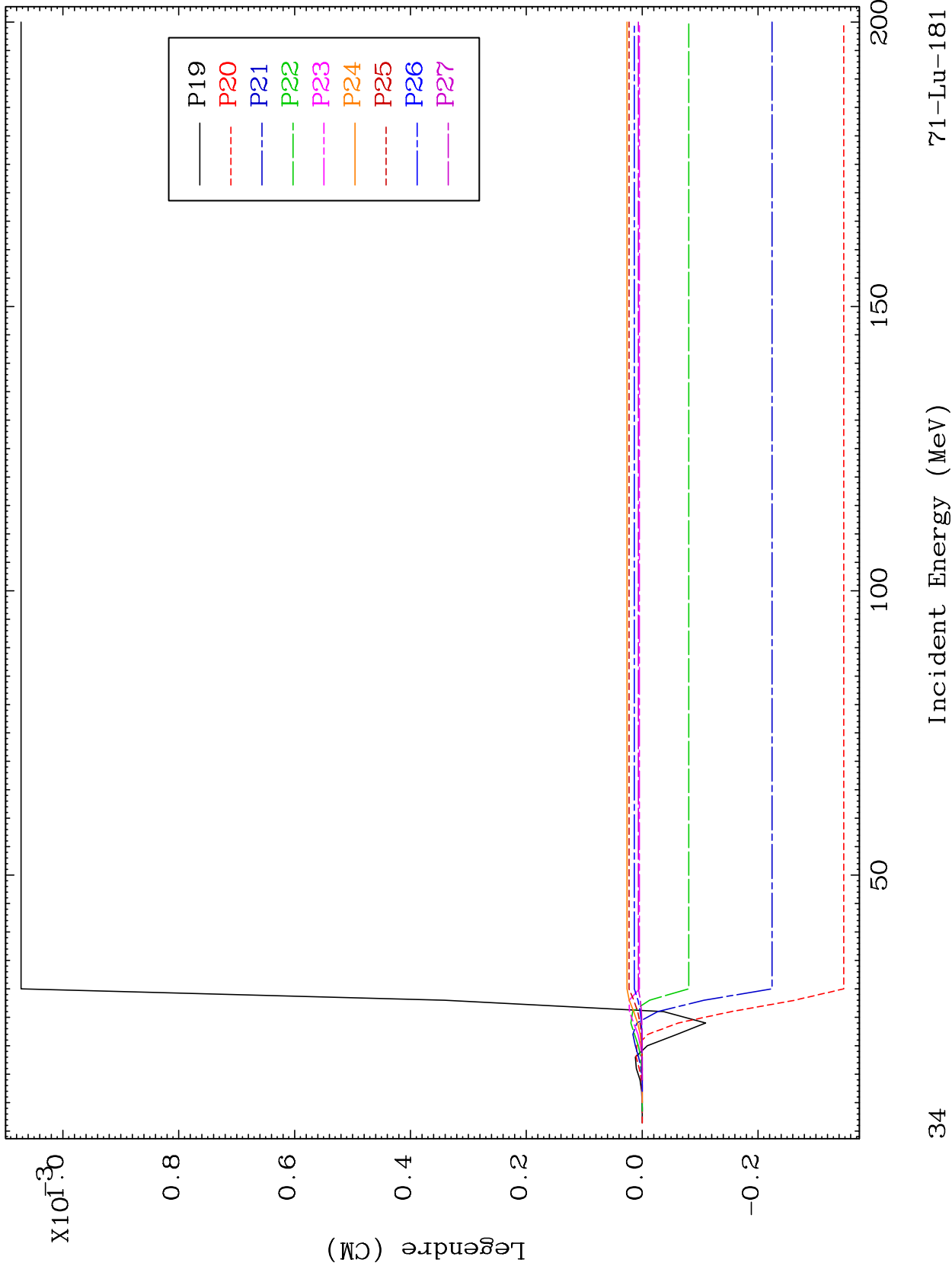
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



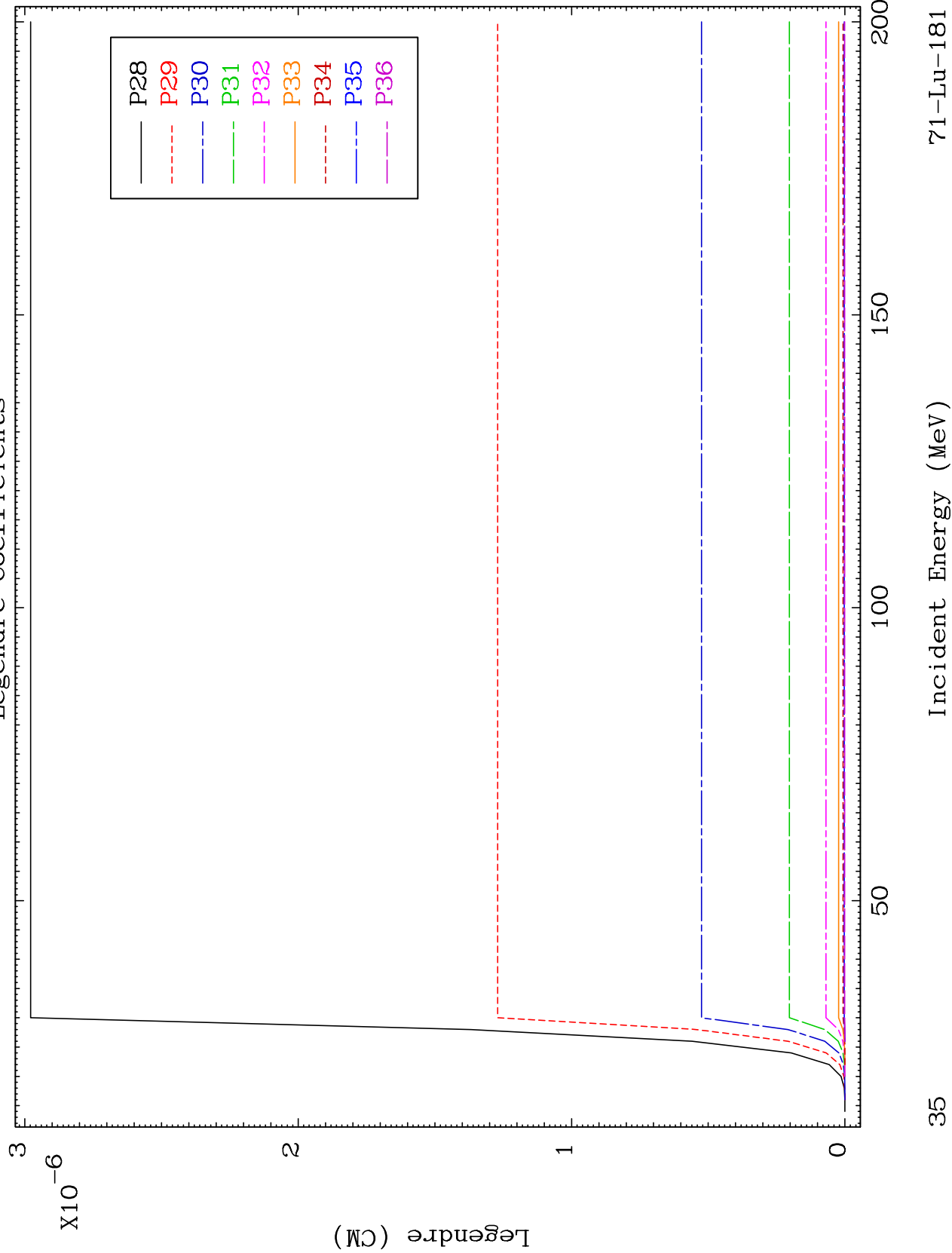
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71-Lu-181

MAT 7143

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

71-Lu-181



35

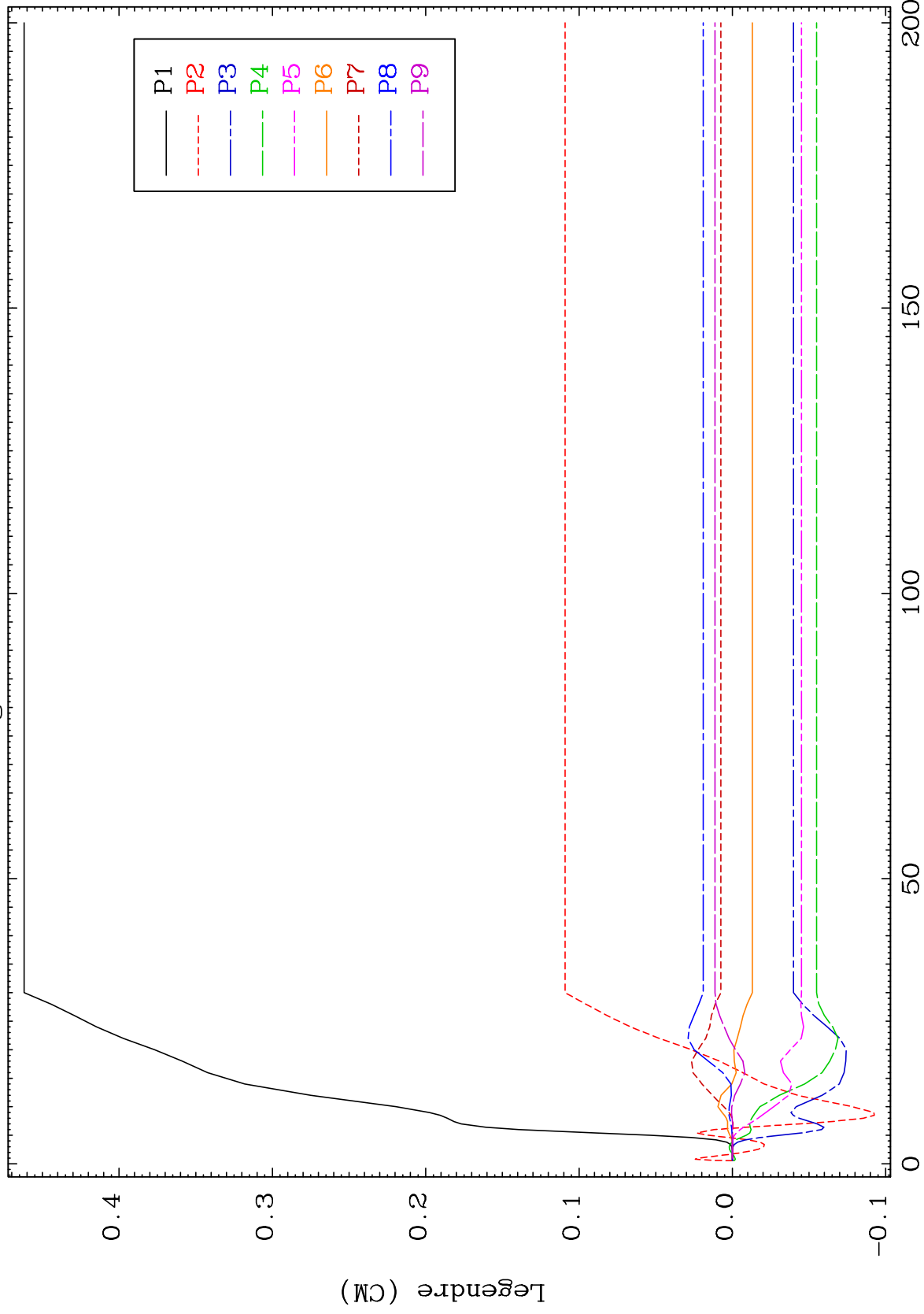
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



36

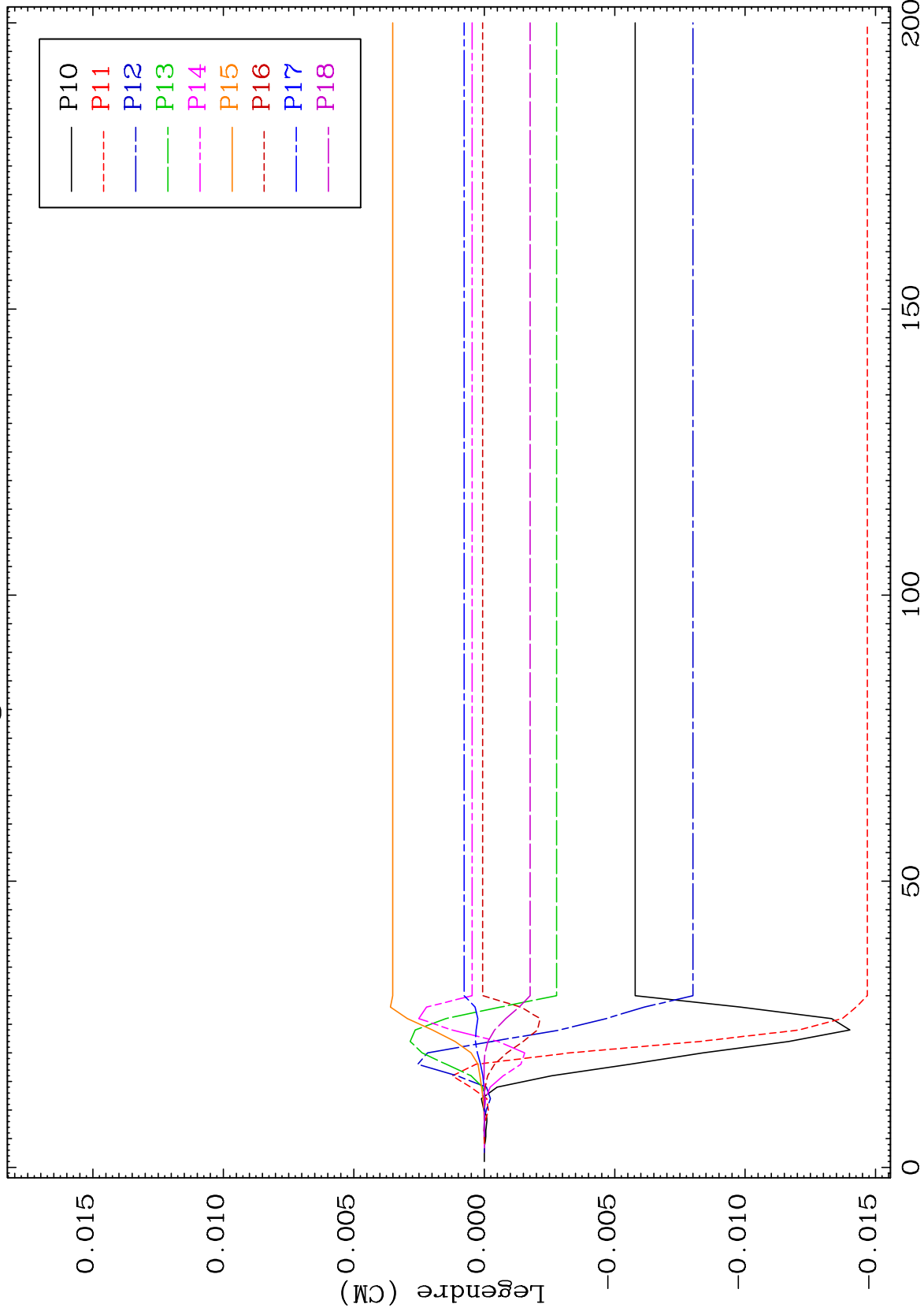
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

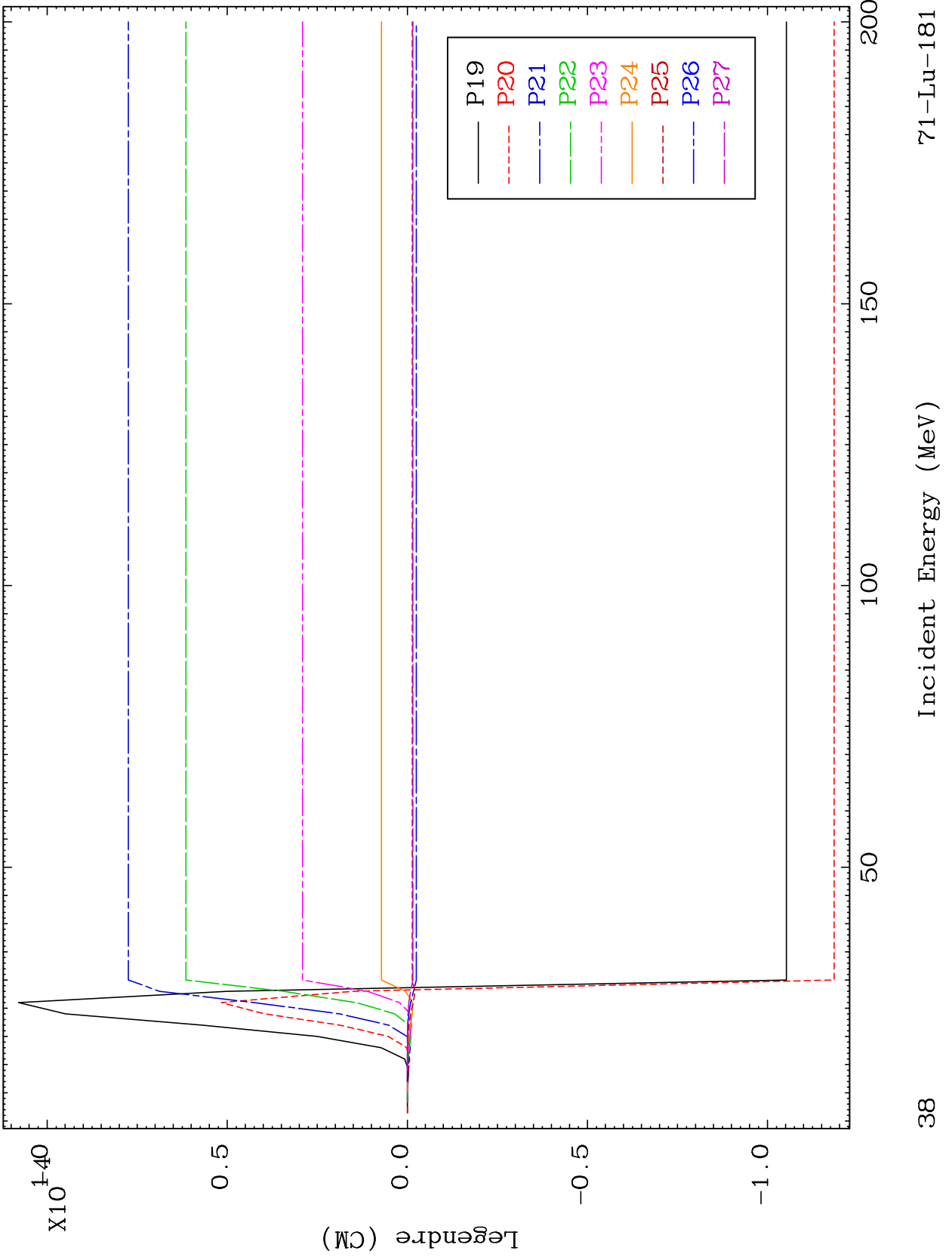
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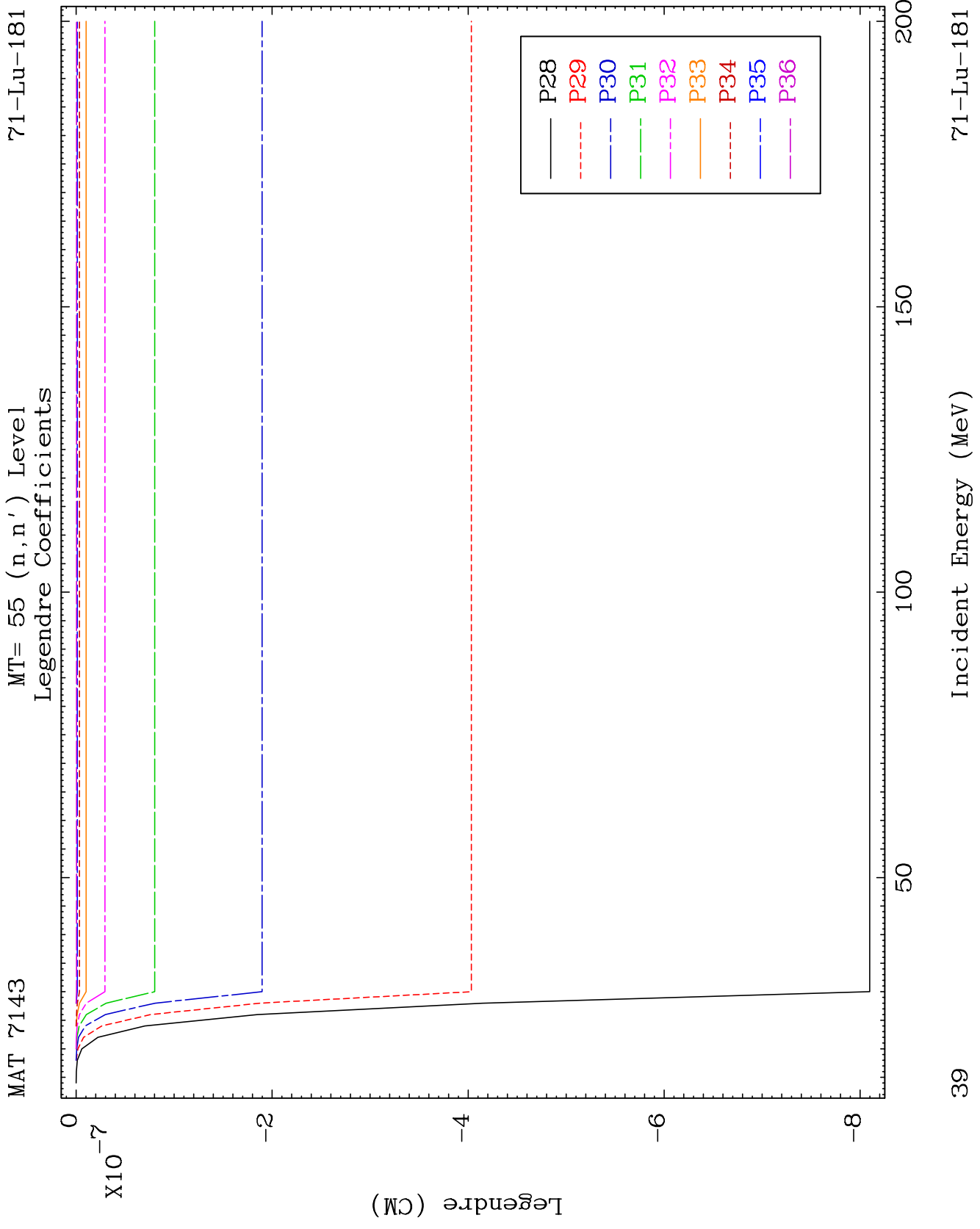


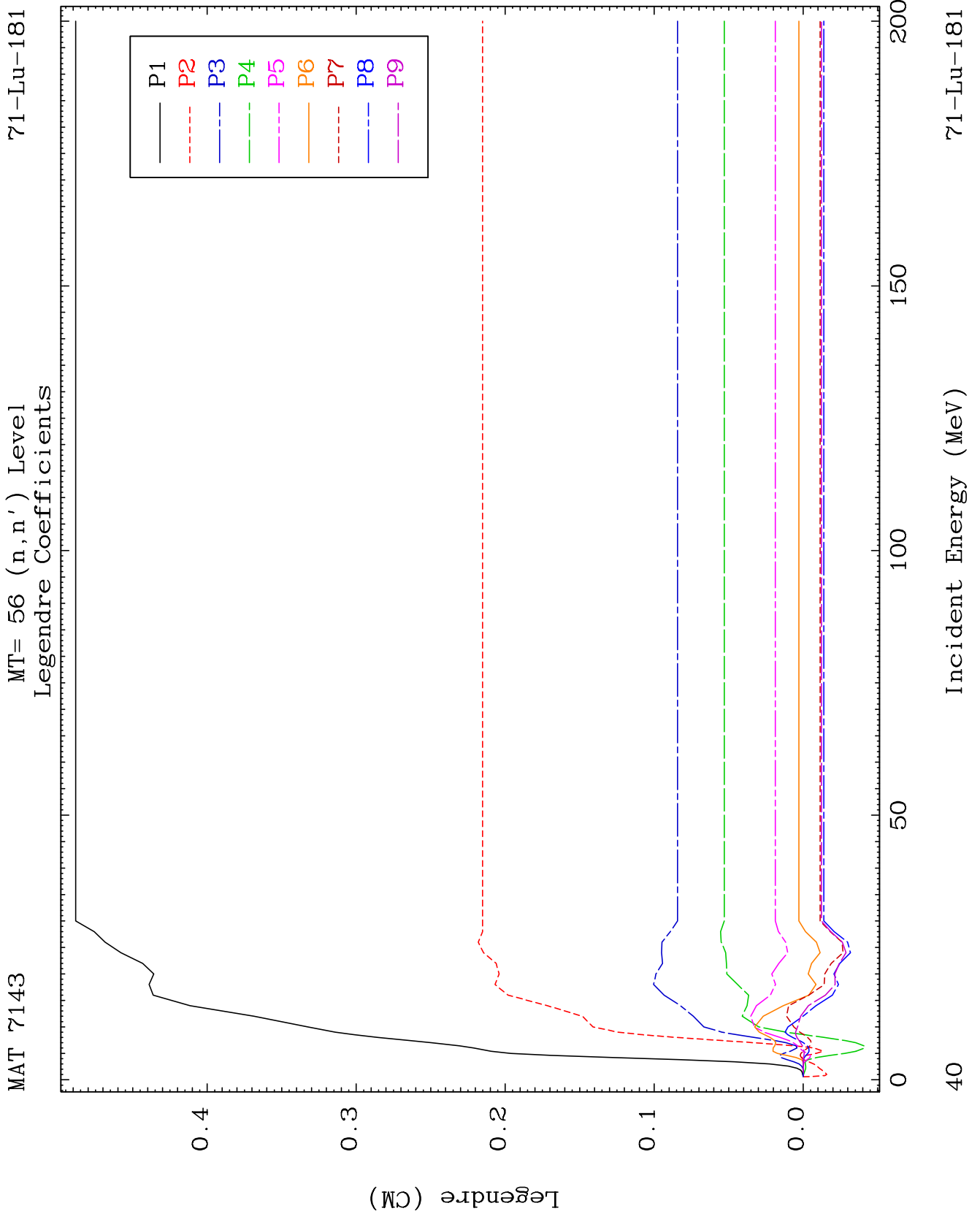
37

Incident Energy (MeV)

71-Lu-181



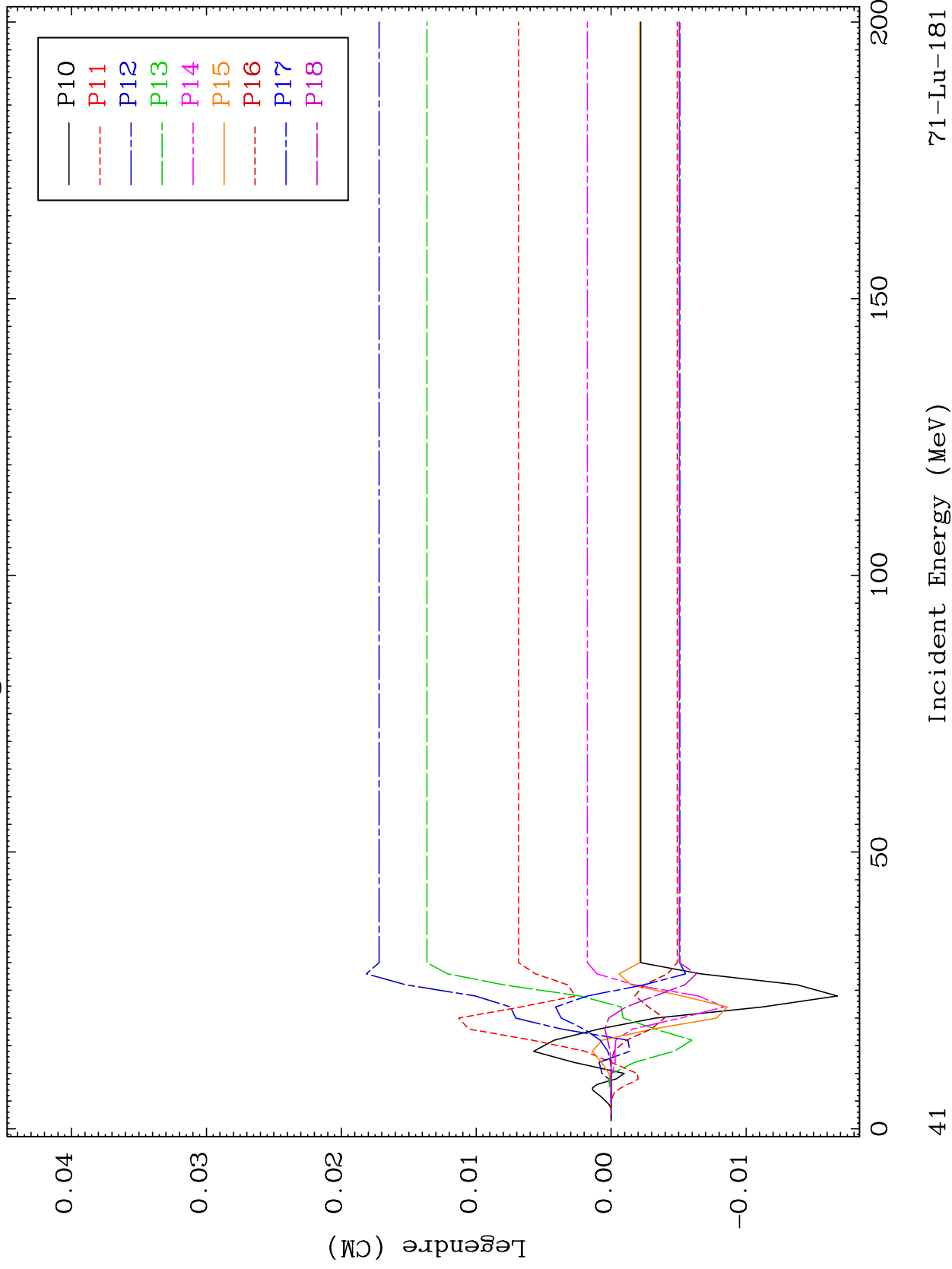




MAT 7143

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

71-Lu-181



71-Lu-181

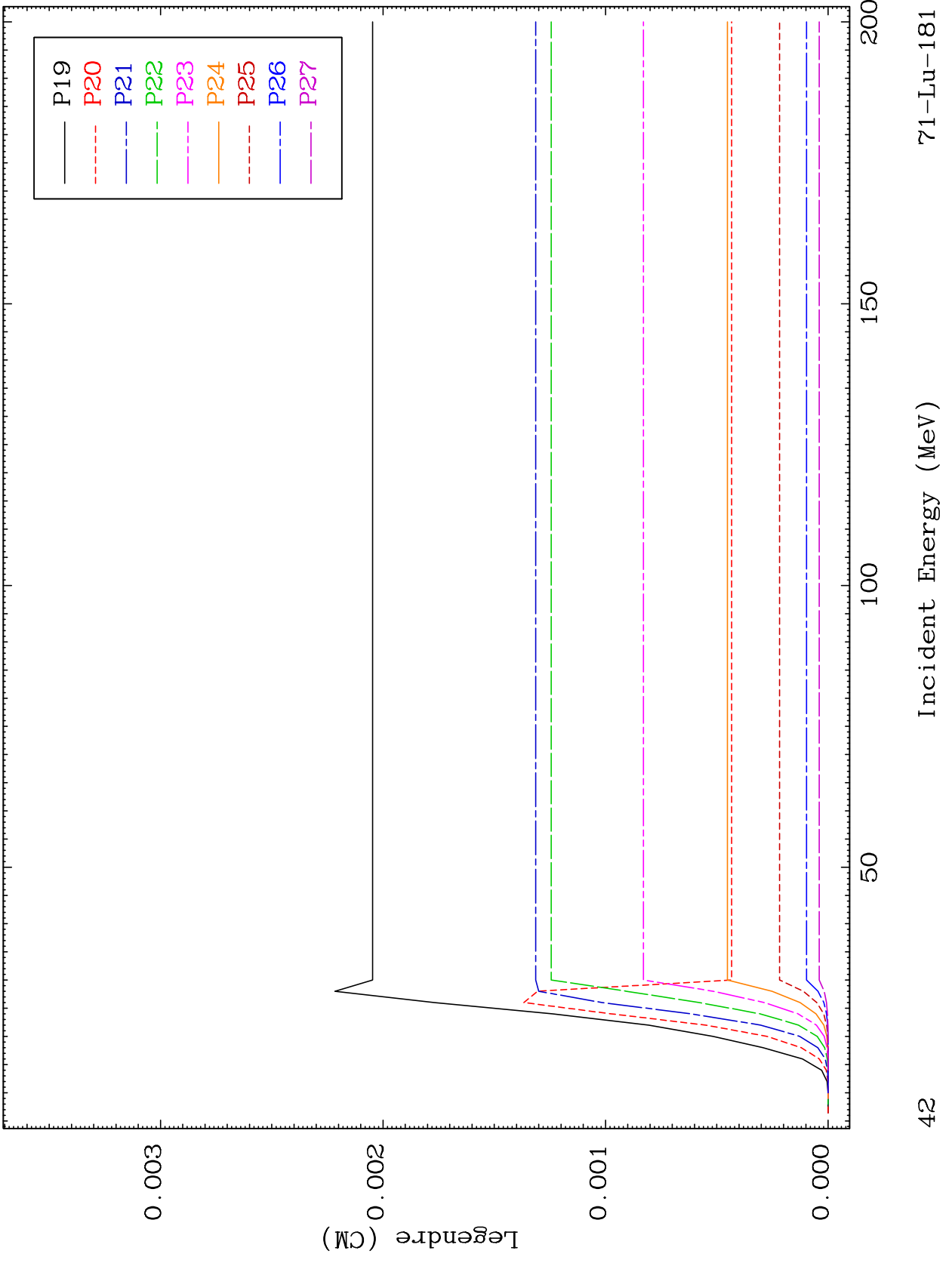
Incident Energy (MeV)

41

MAT 7143

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

71-Lu-181



42

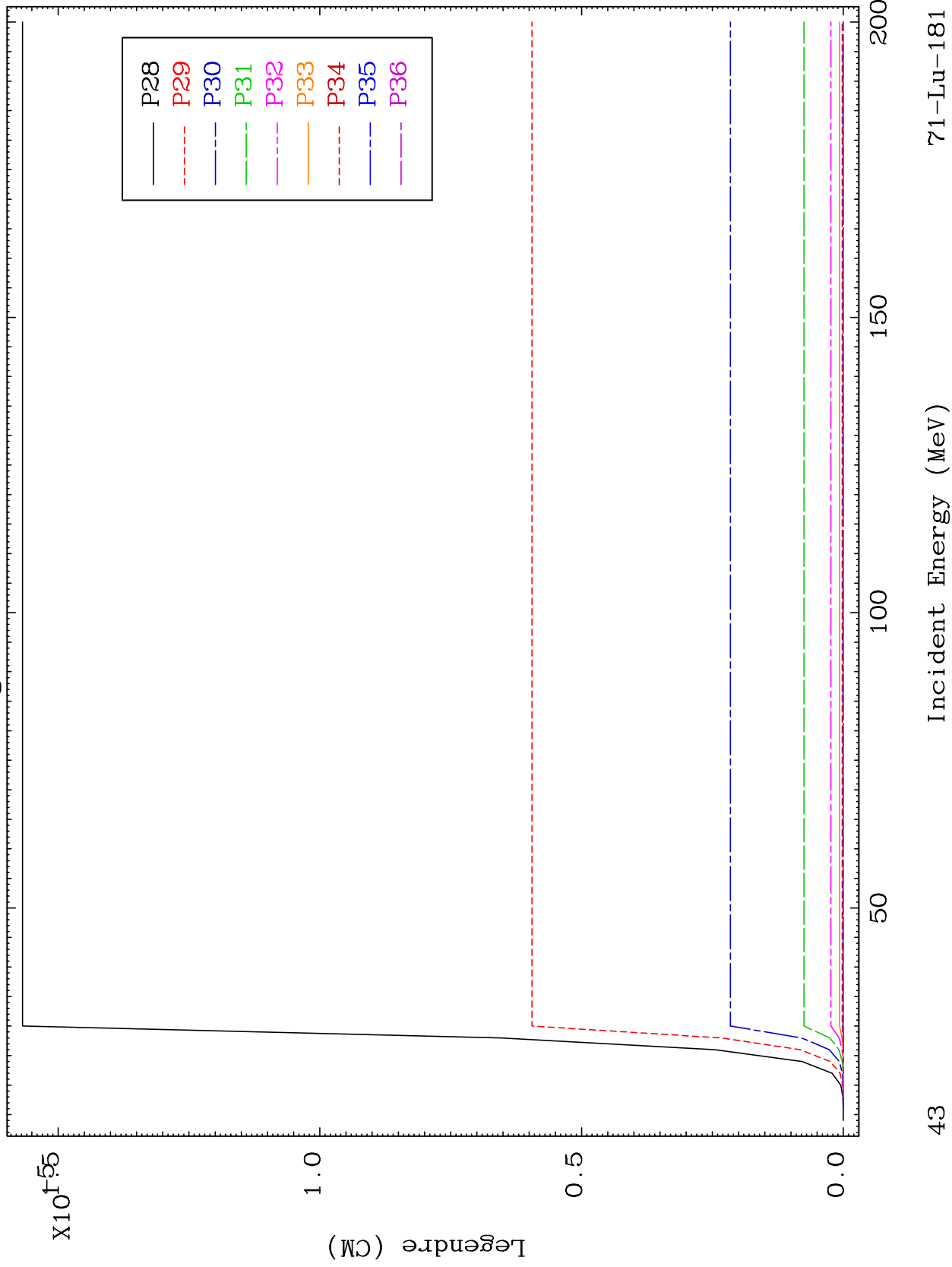
Incident Energy (MeV)

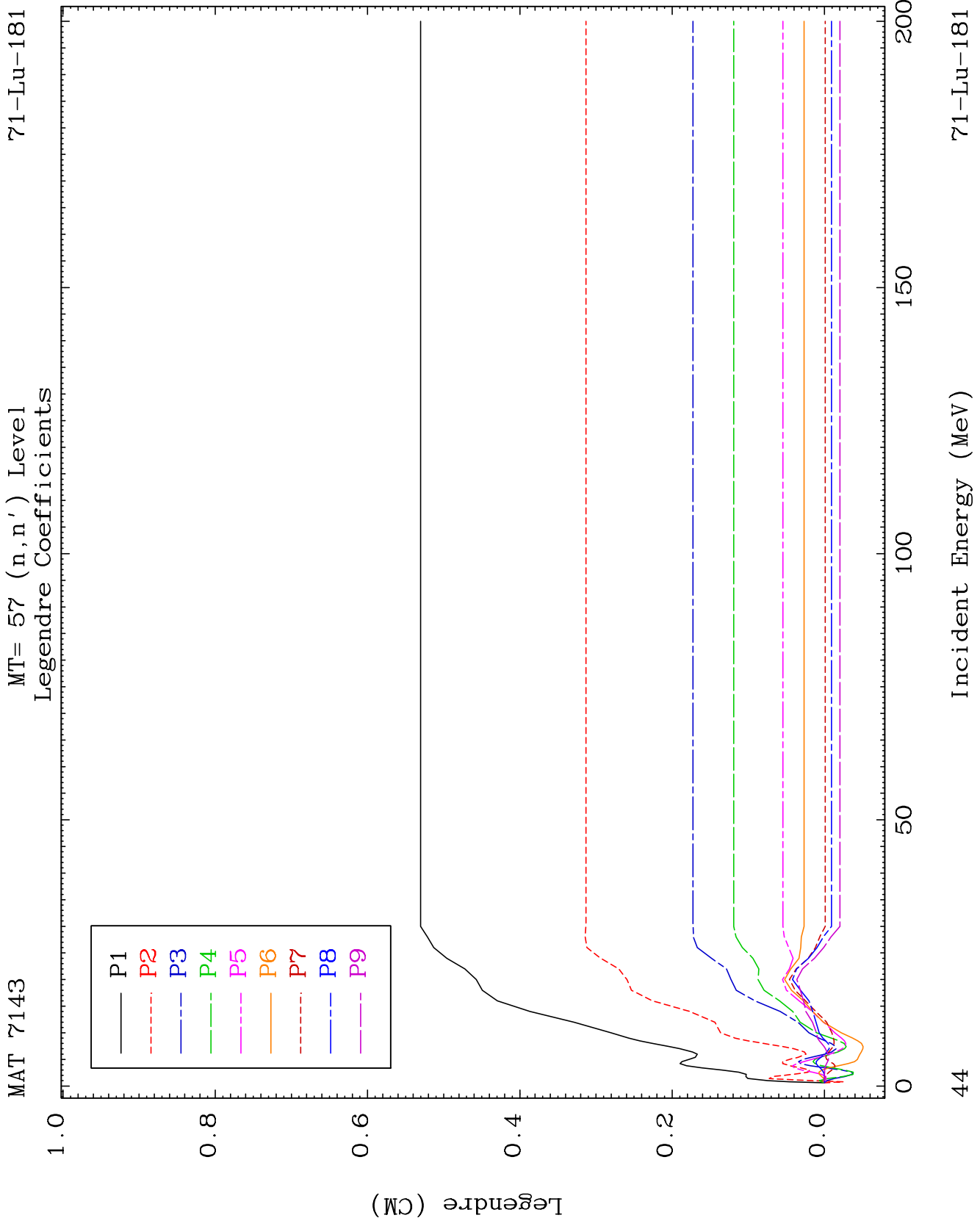
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MAT 7143

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

71-Lu-181

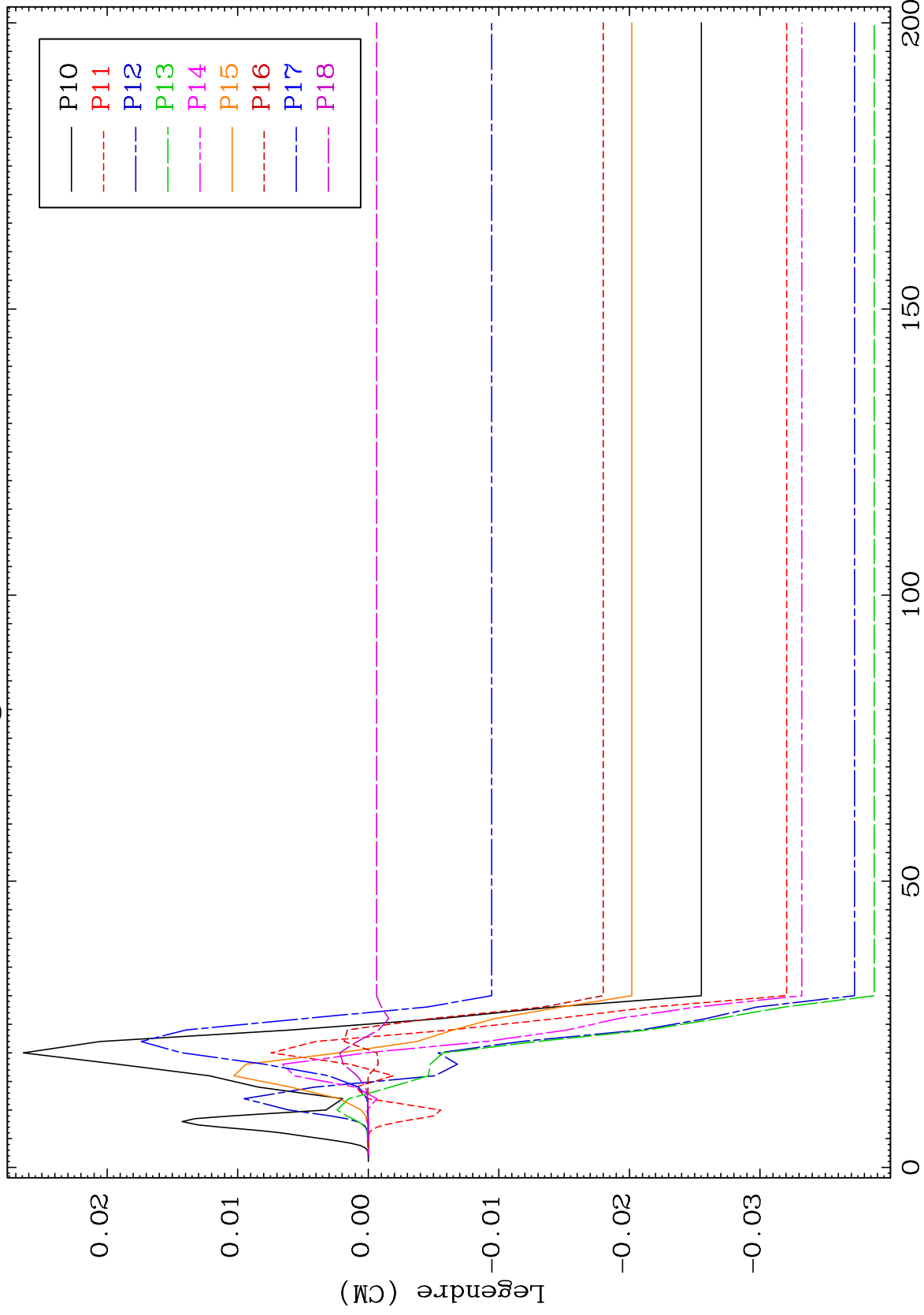




MAT 7143

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

71-Lu-181



45

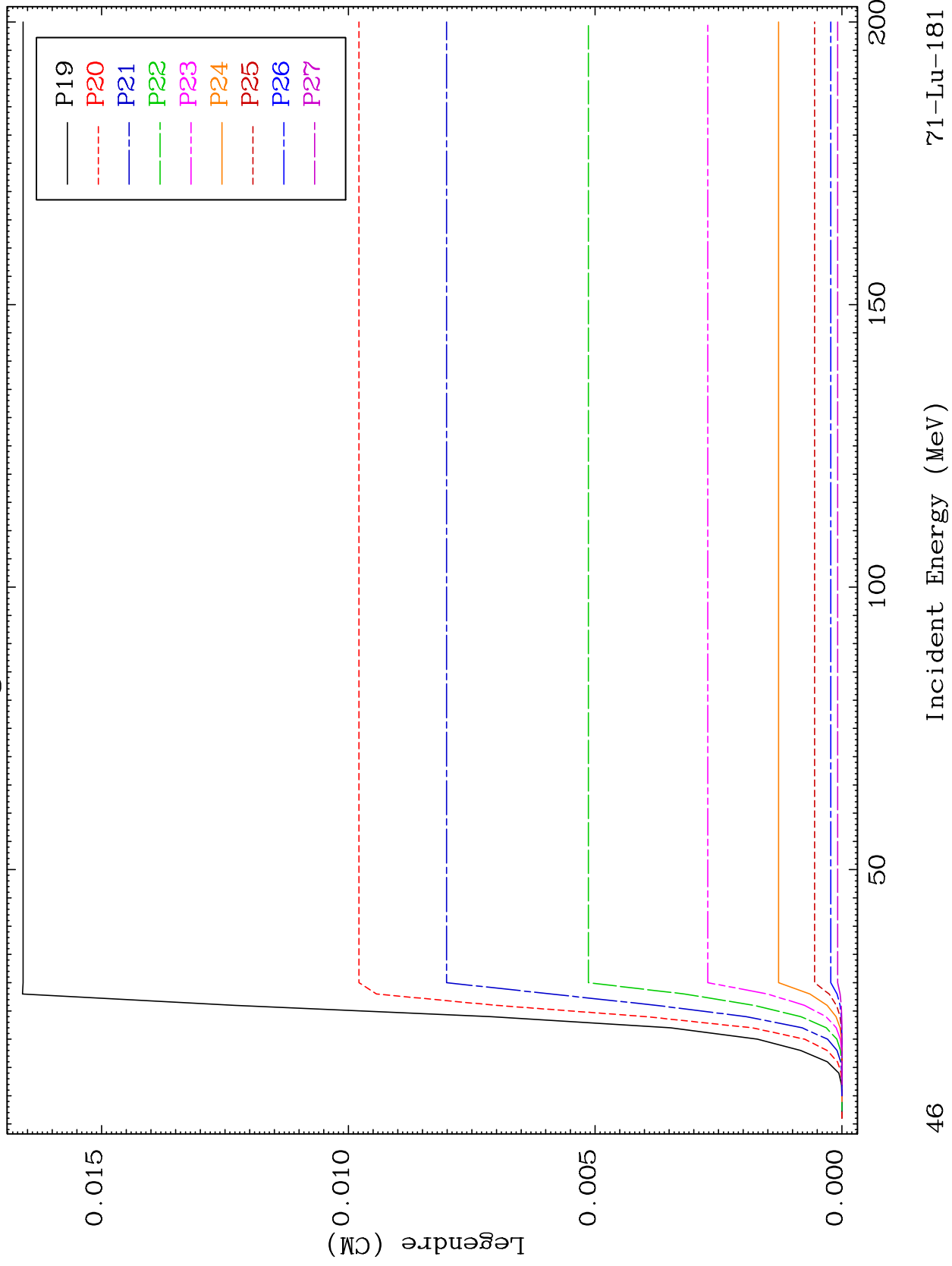
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



46

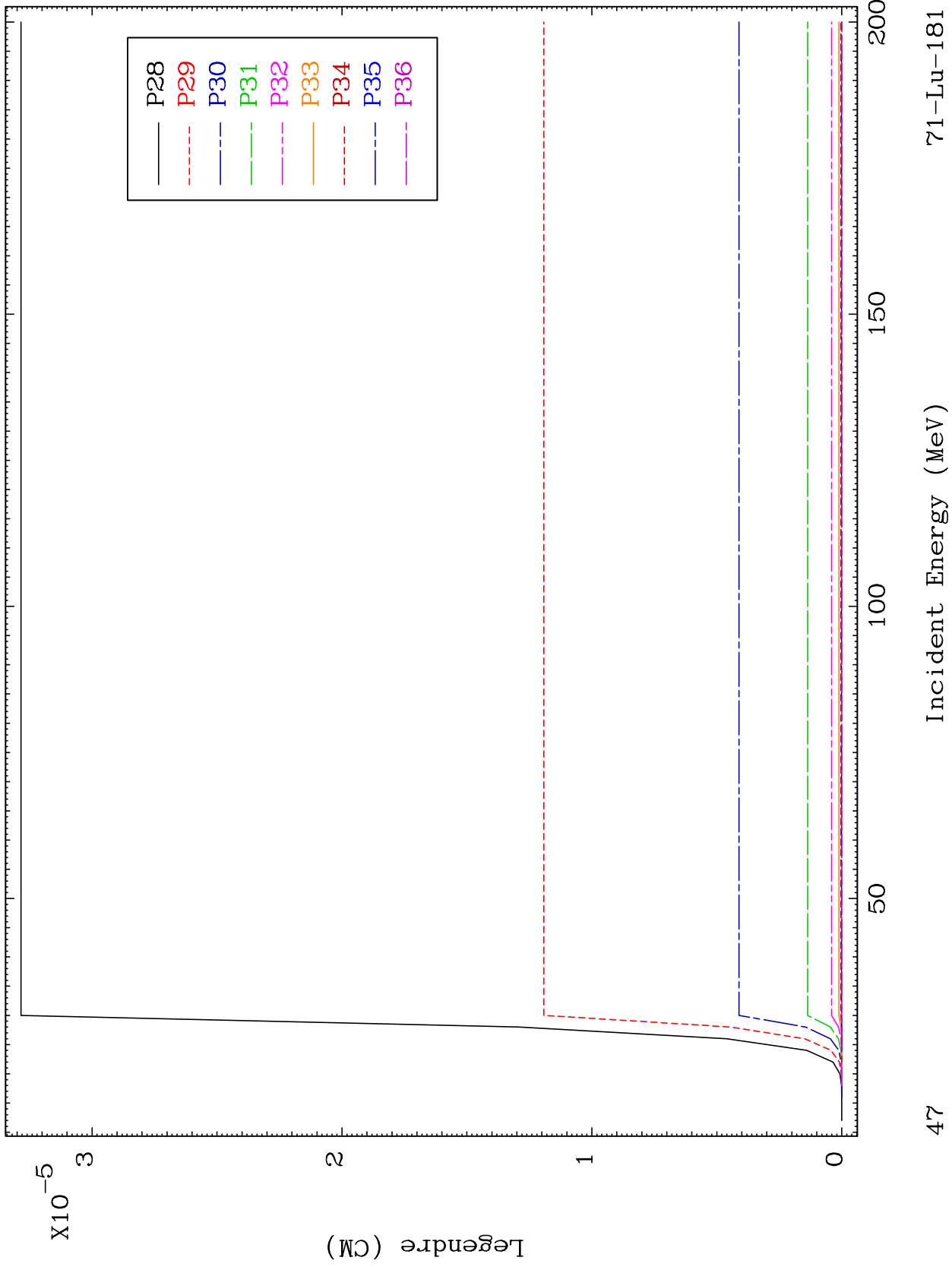
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

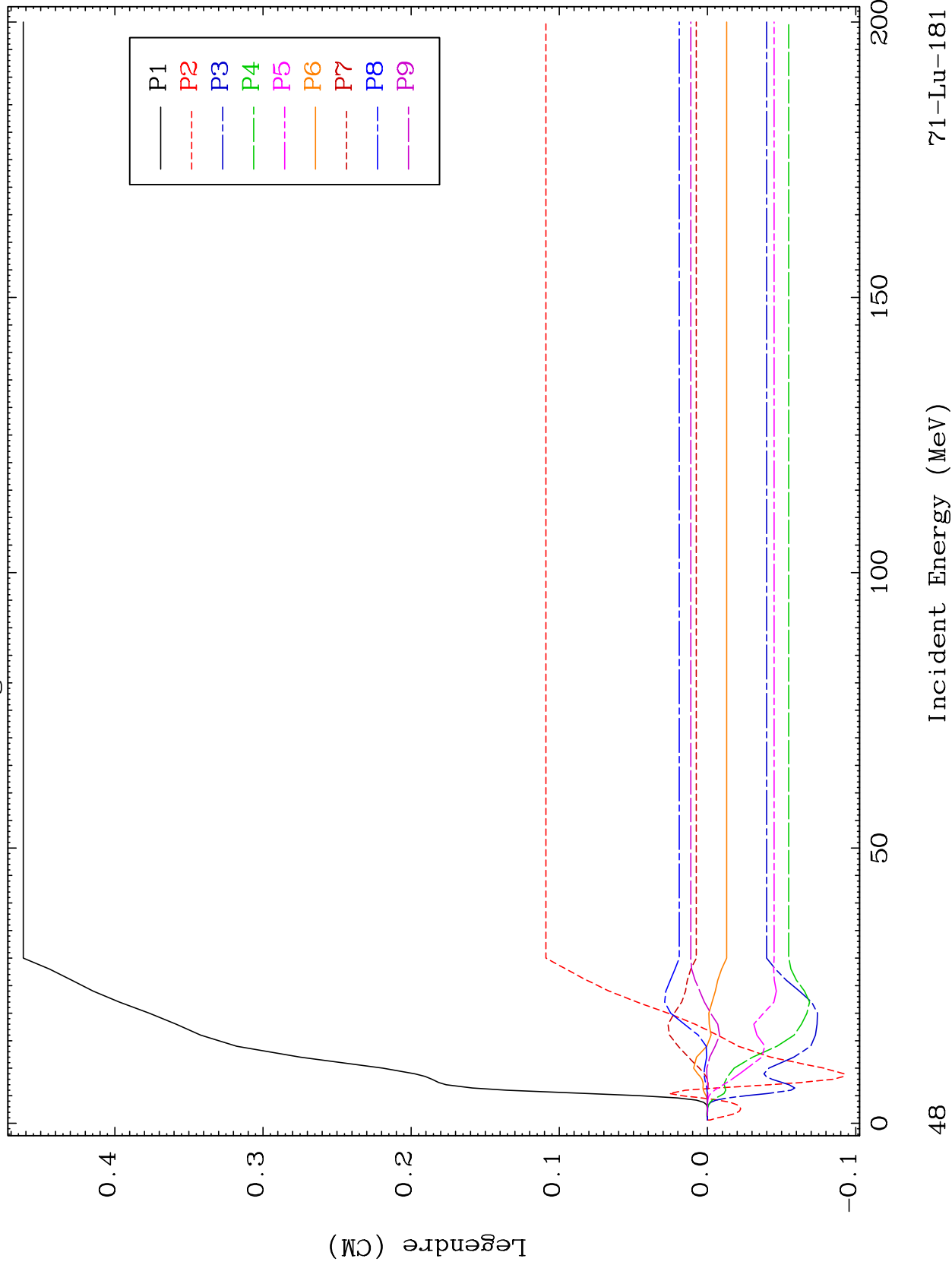
71-Lu-181



MAT 7143

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

71-Lu-181



71-Lu-181

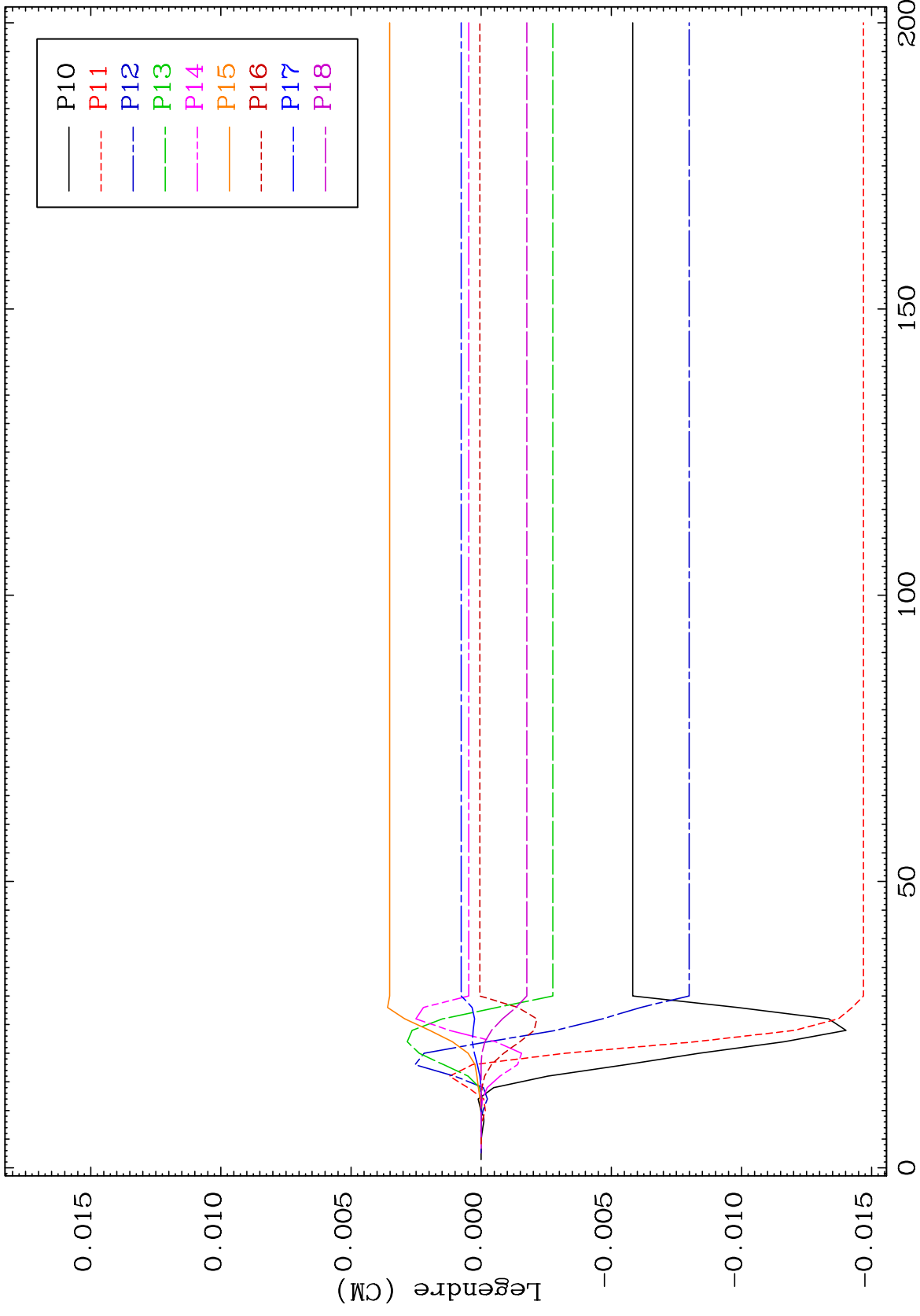
Incident Energy (MeV)

48

MAT 7143

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

71-Lu-181



49

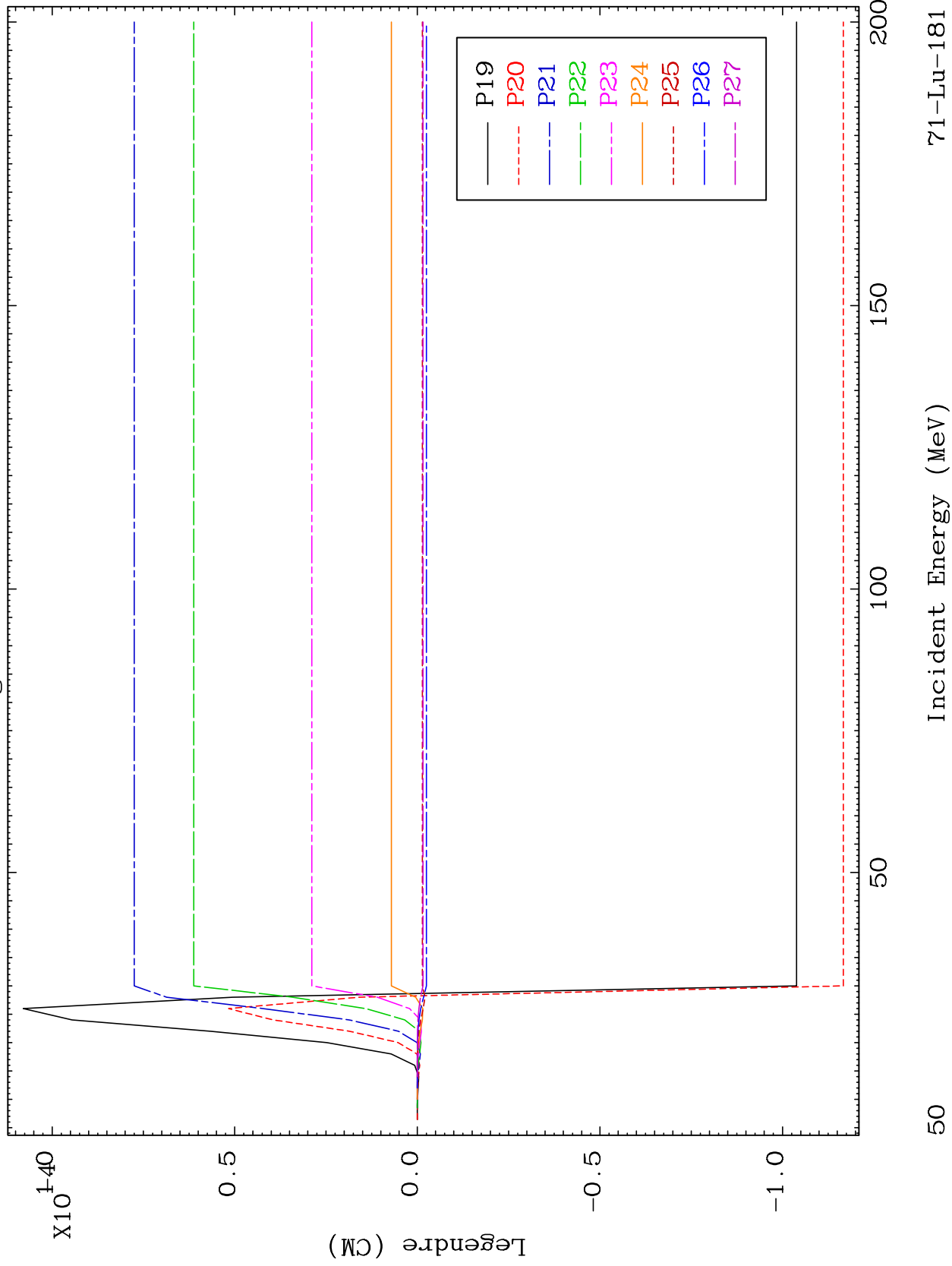
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

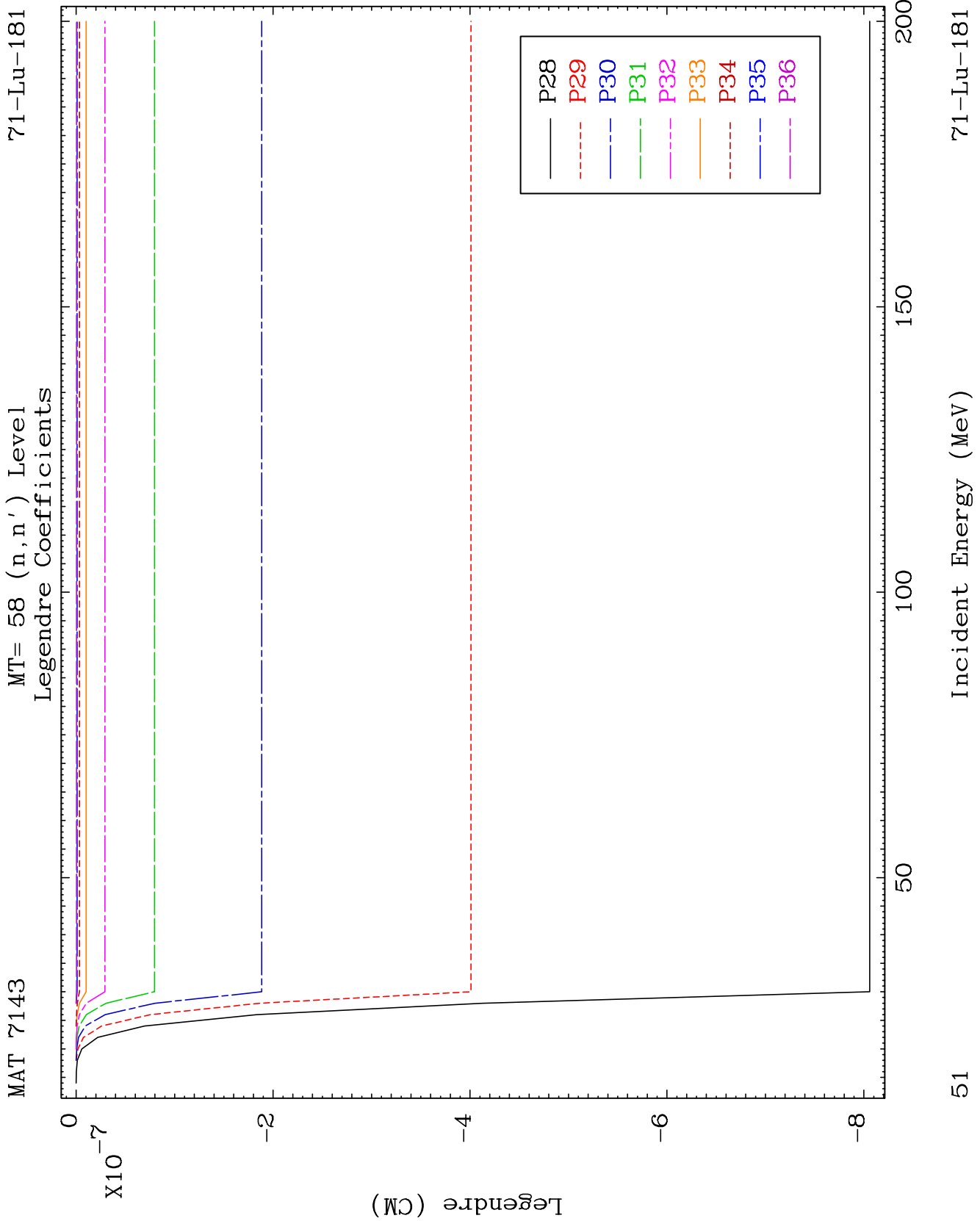
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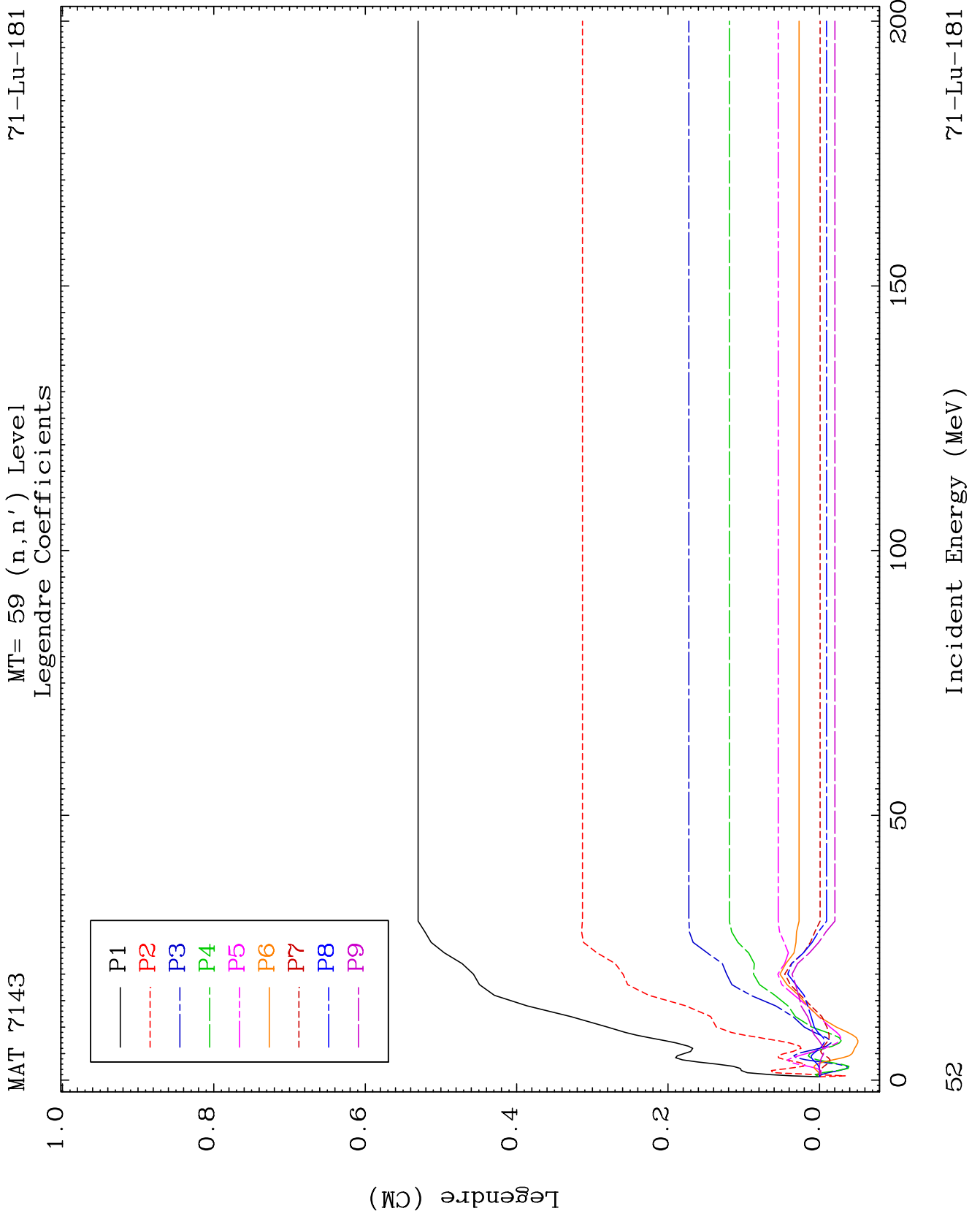


71-Lu-181

Incident Energy (MeV)

50

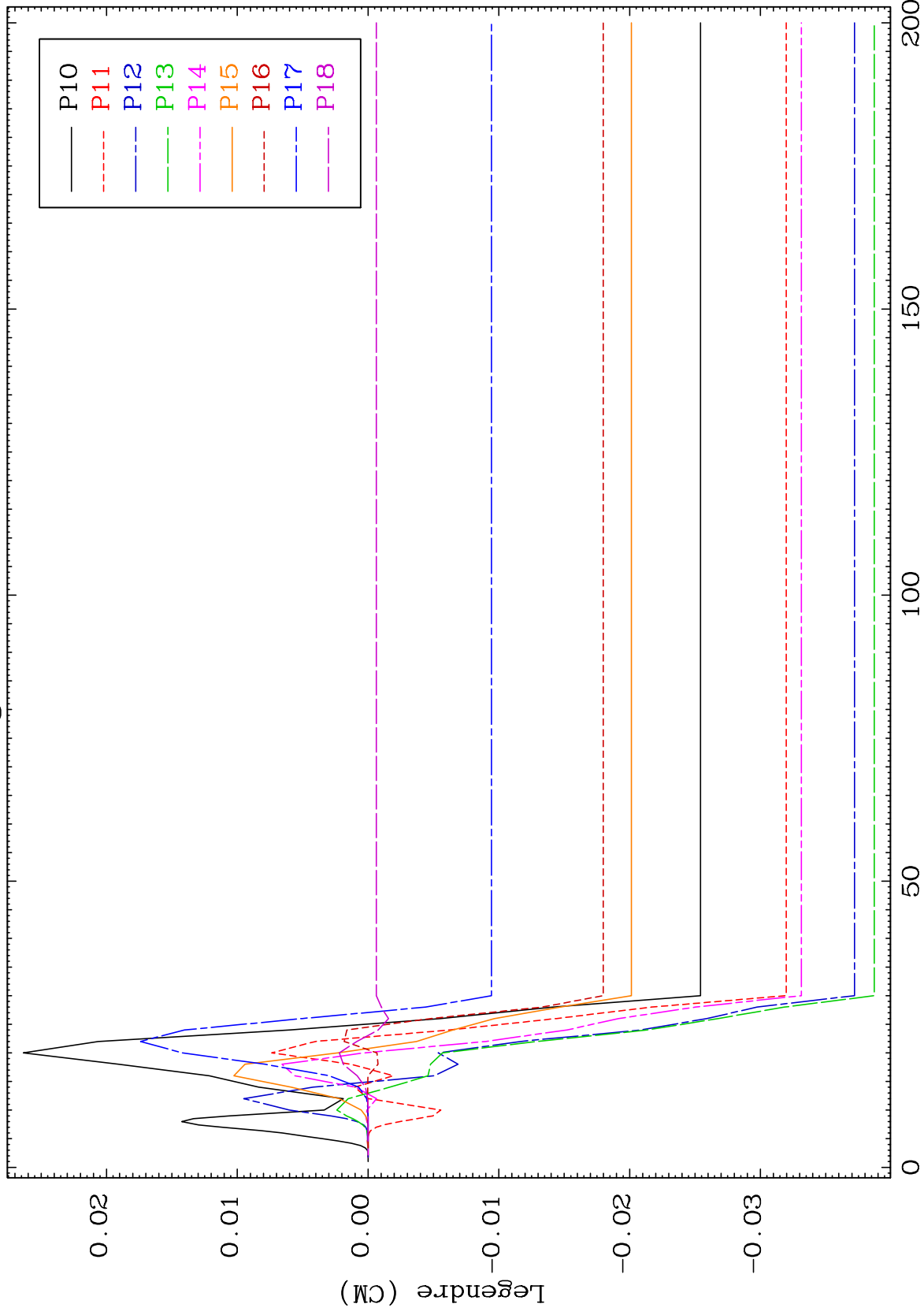




MAT 7143

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

71-Lu-181



53

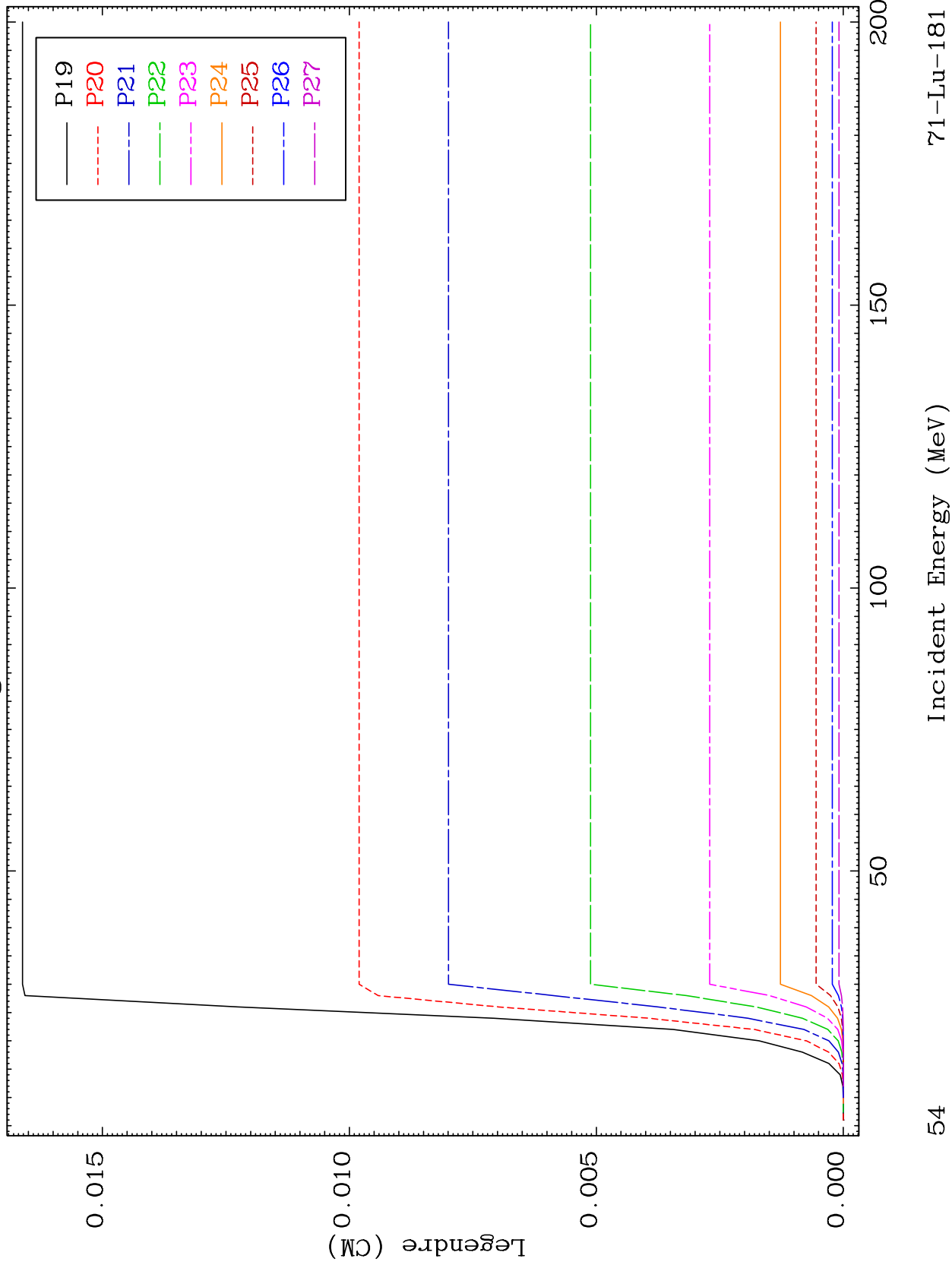
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



54

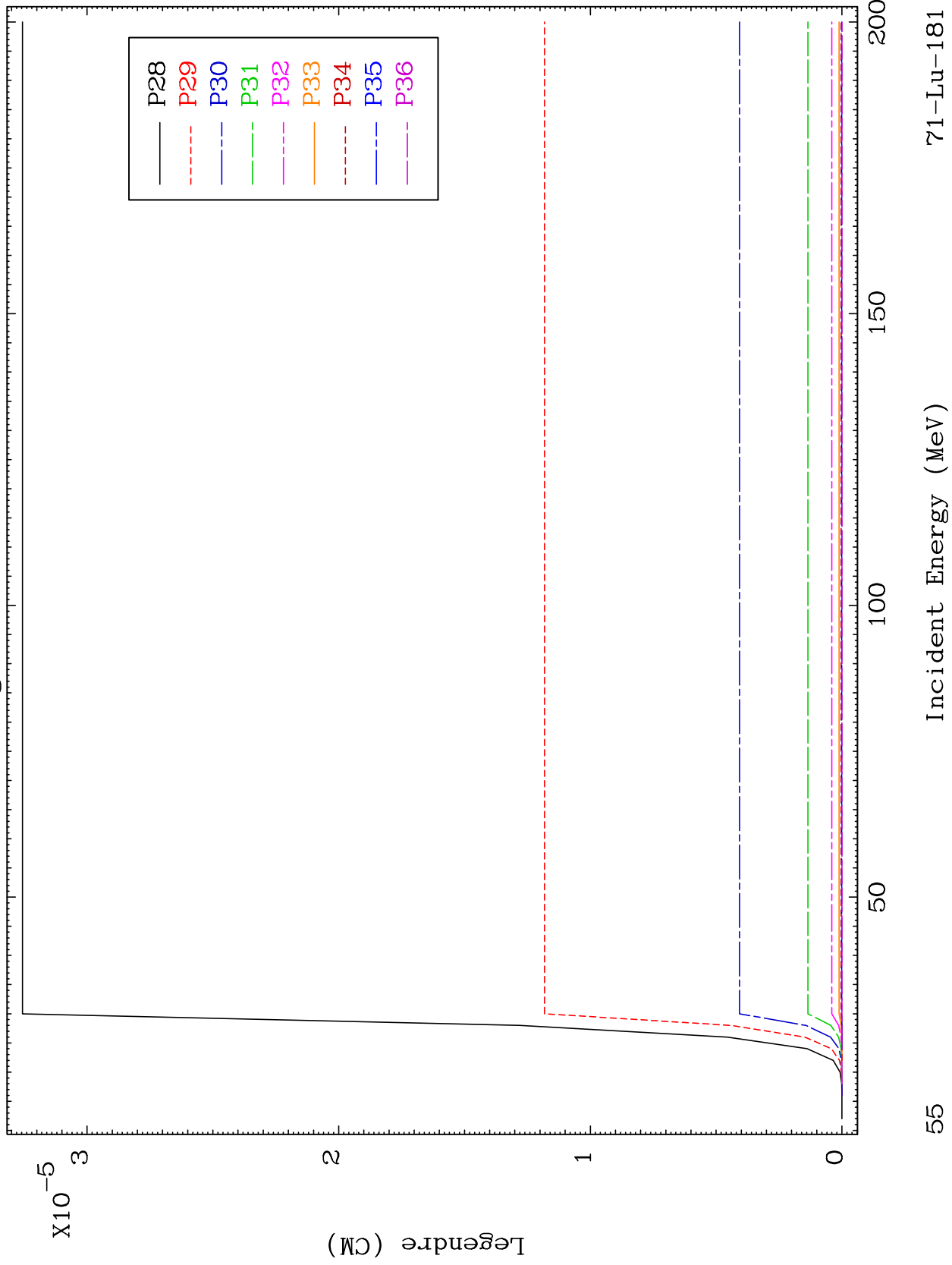
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



55

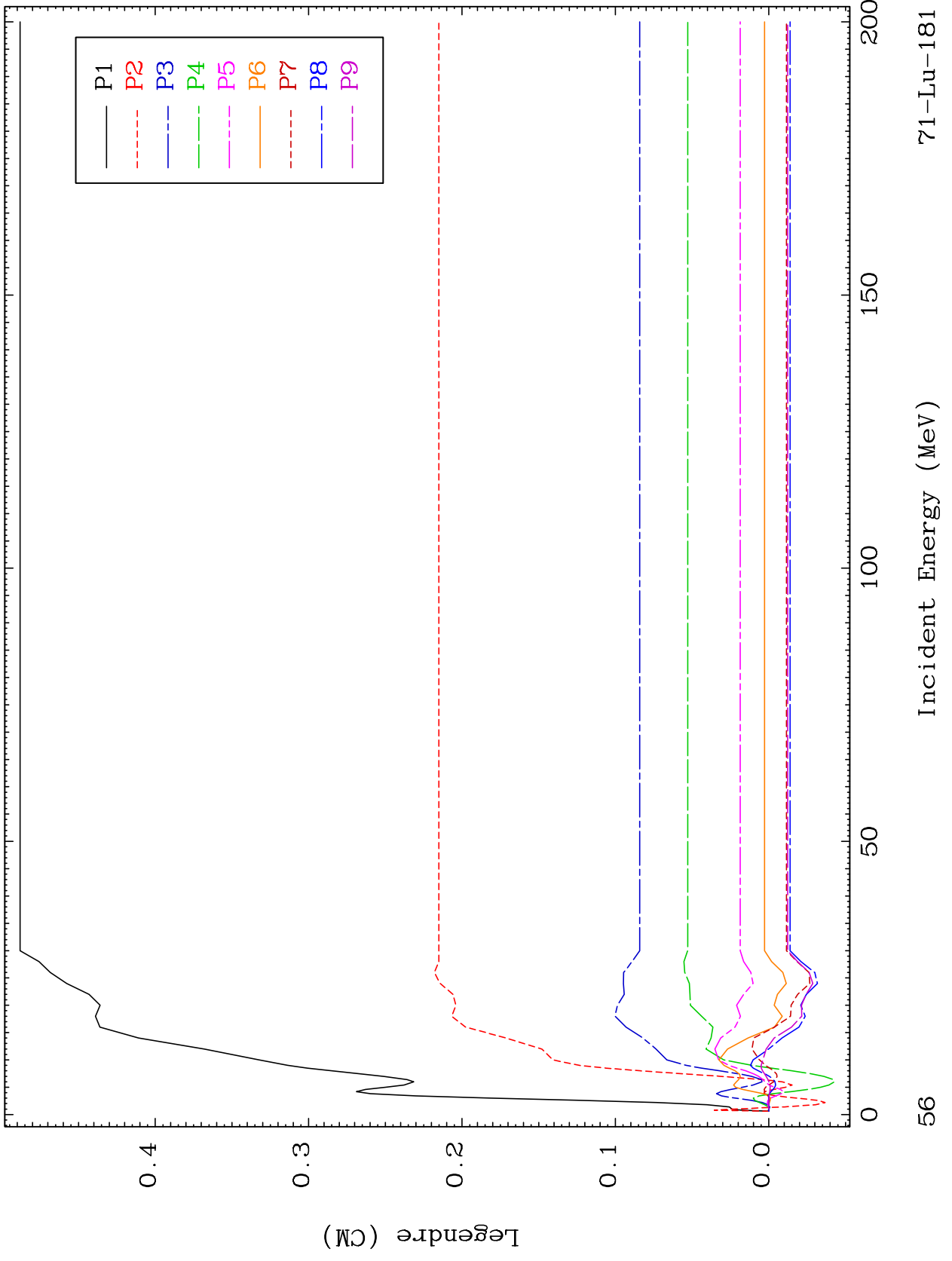
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



56

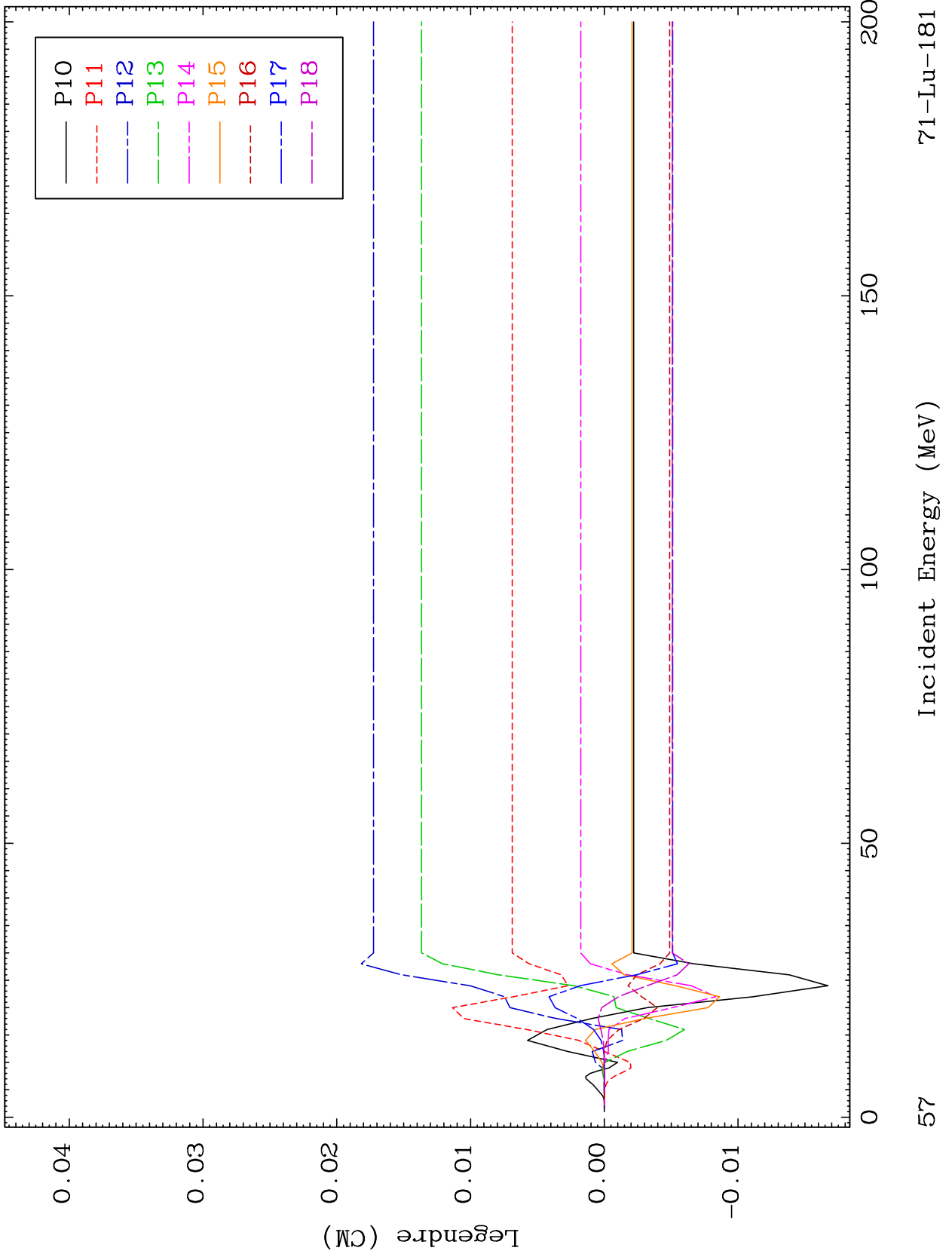
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



71-Lu-181

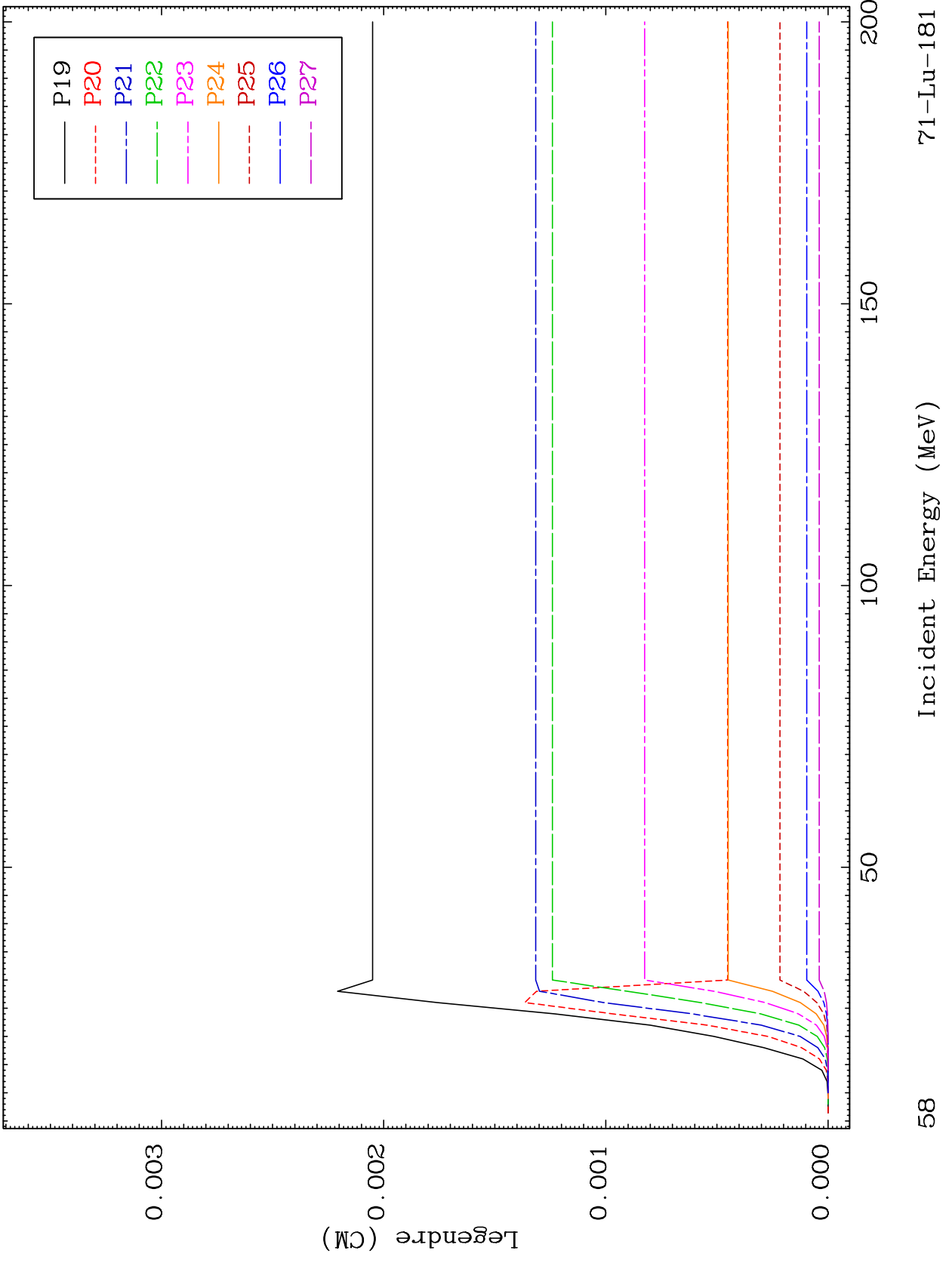
Incident Energy (MeV)

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MAT 7143

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

71-Lu-181



58

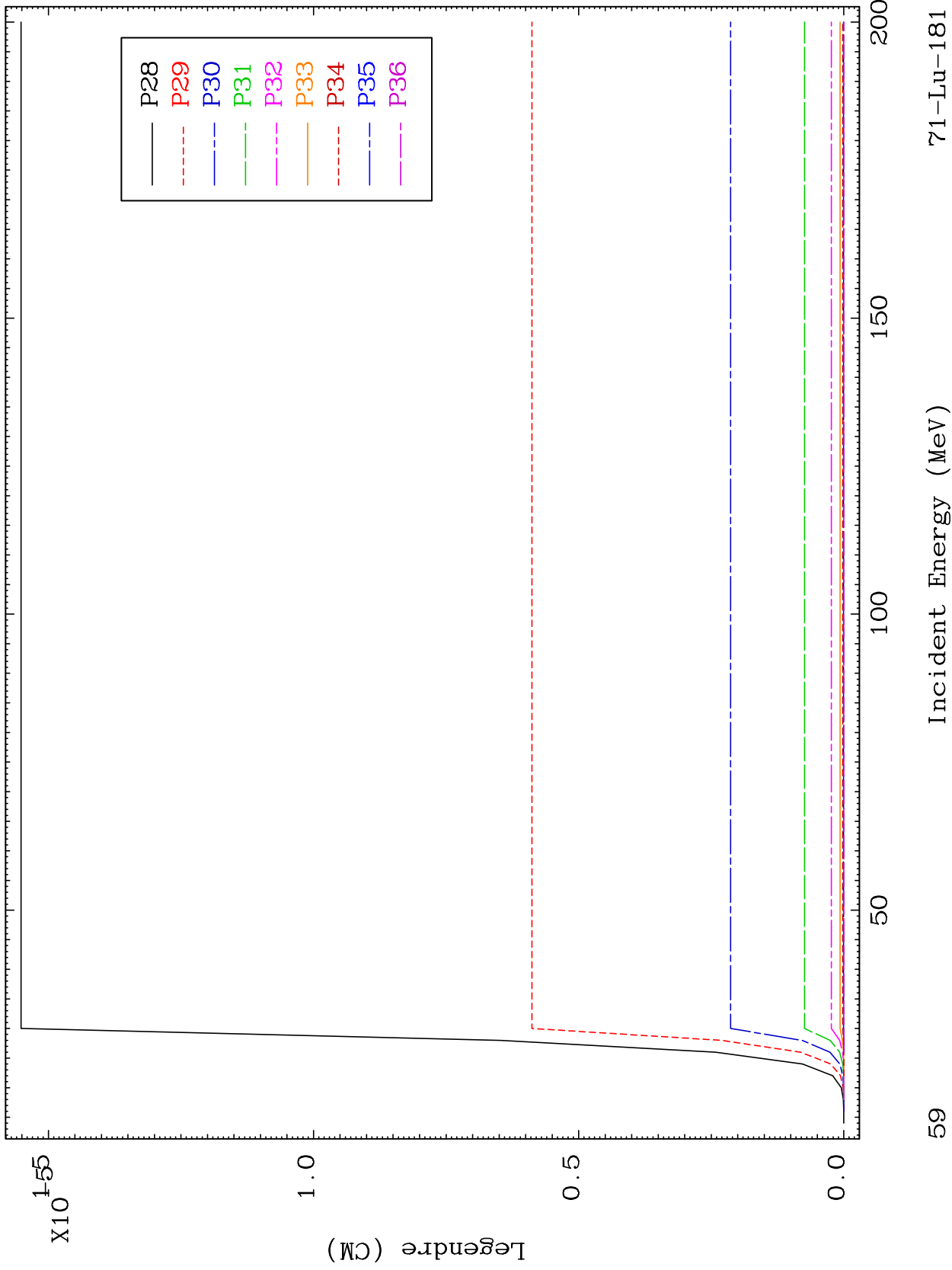
Incident Energy (MeV)

71-Lu-181

MAT 7143

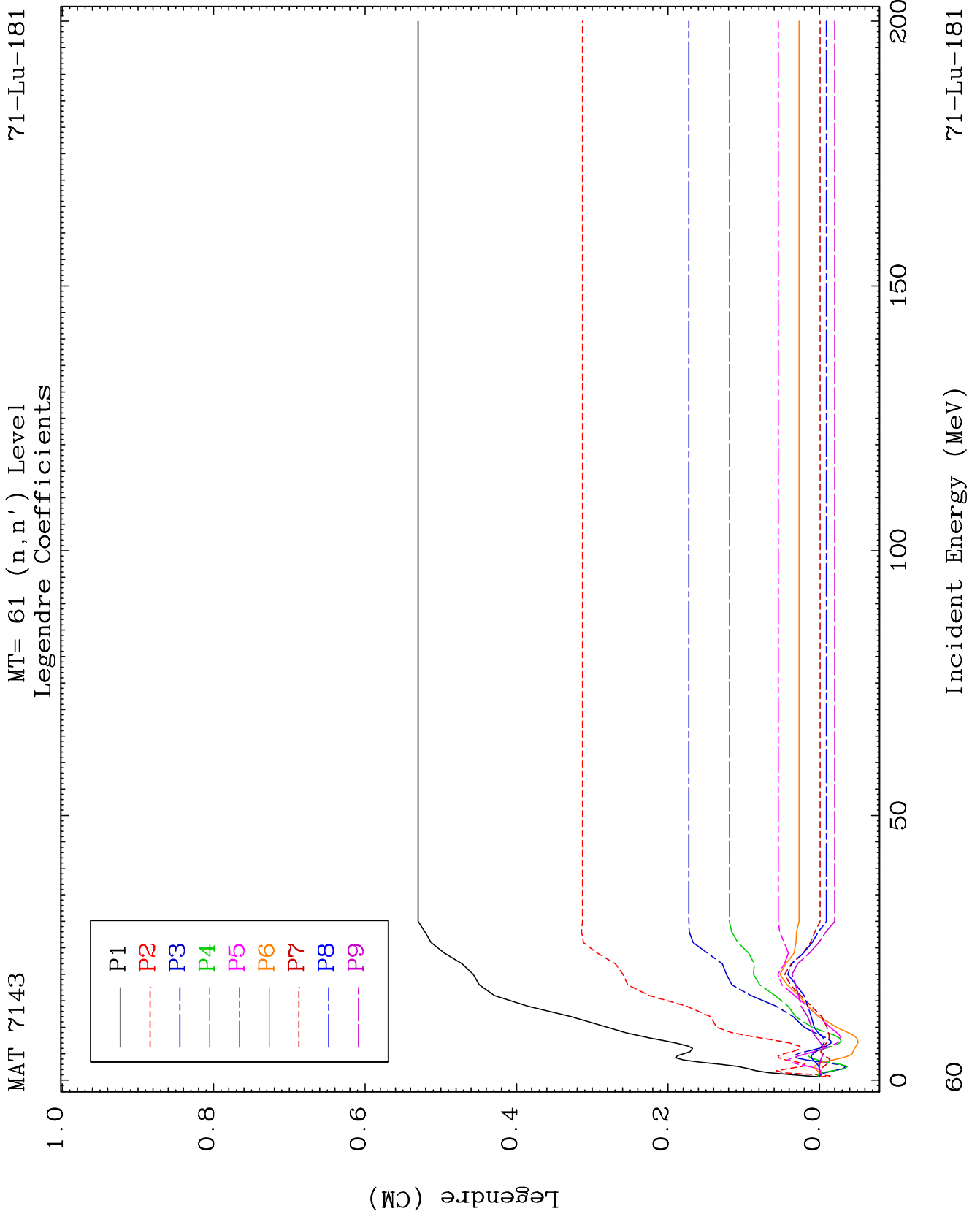
MT= 60 (n,n') Level
Legendre Coefficients

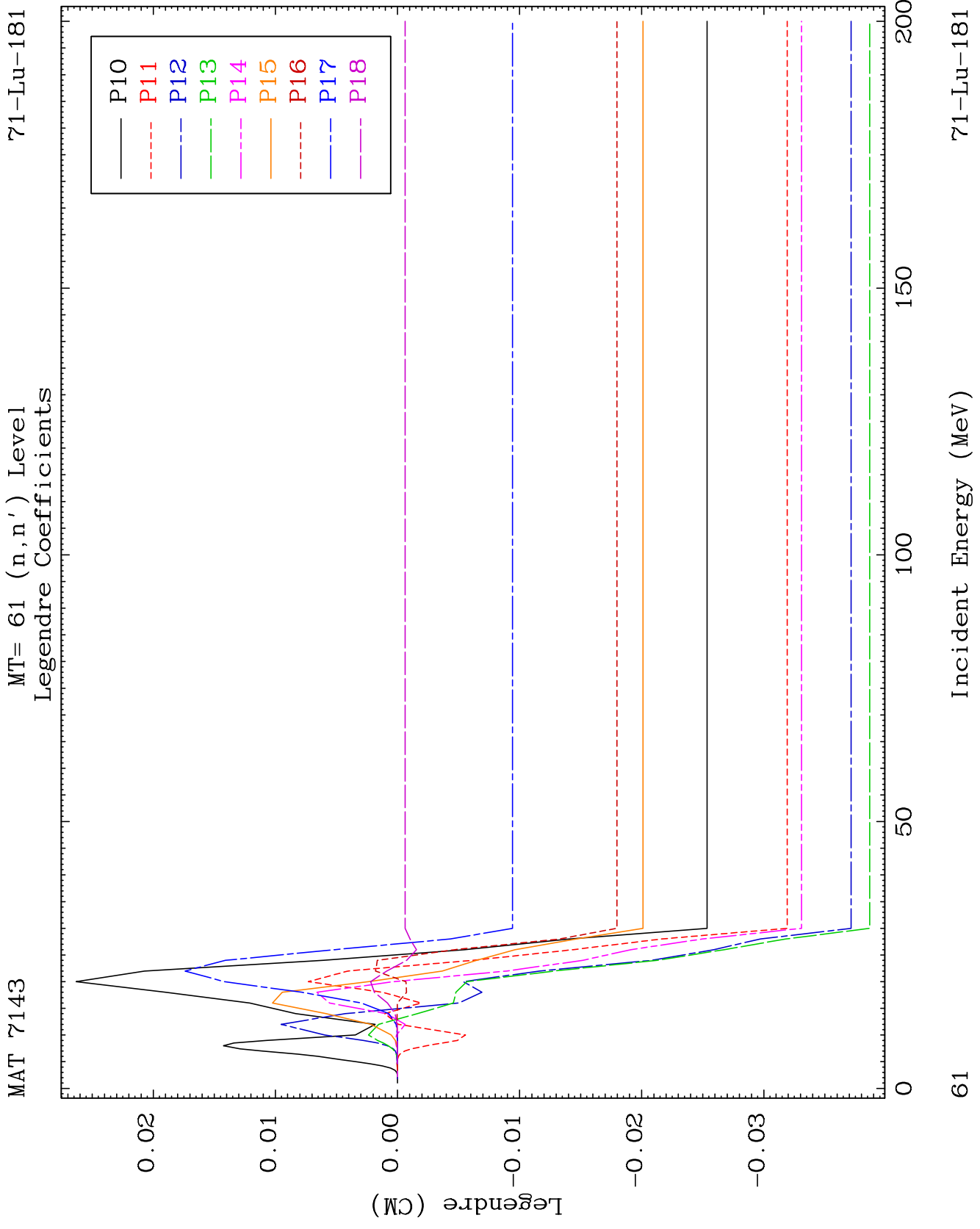
71-Lu-181



59

71-Lu-181

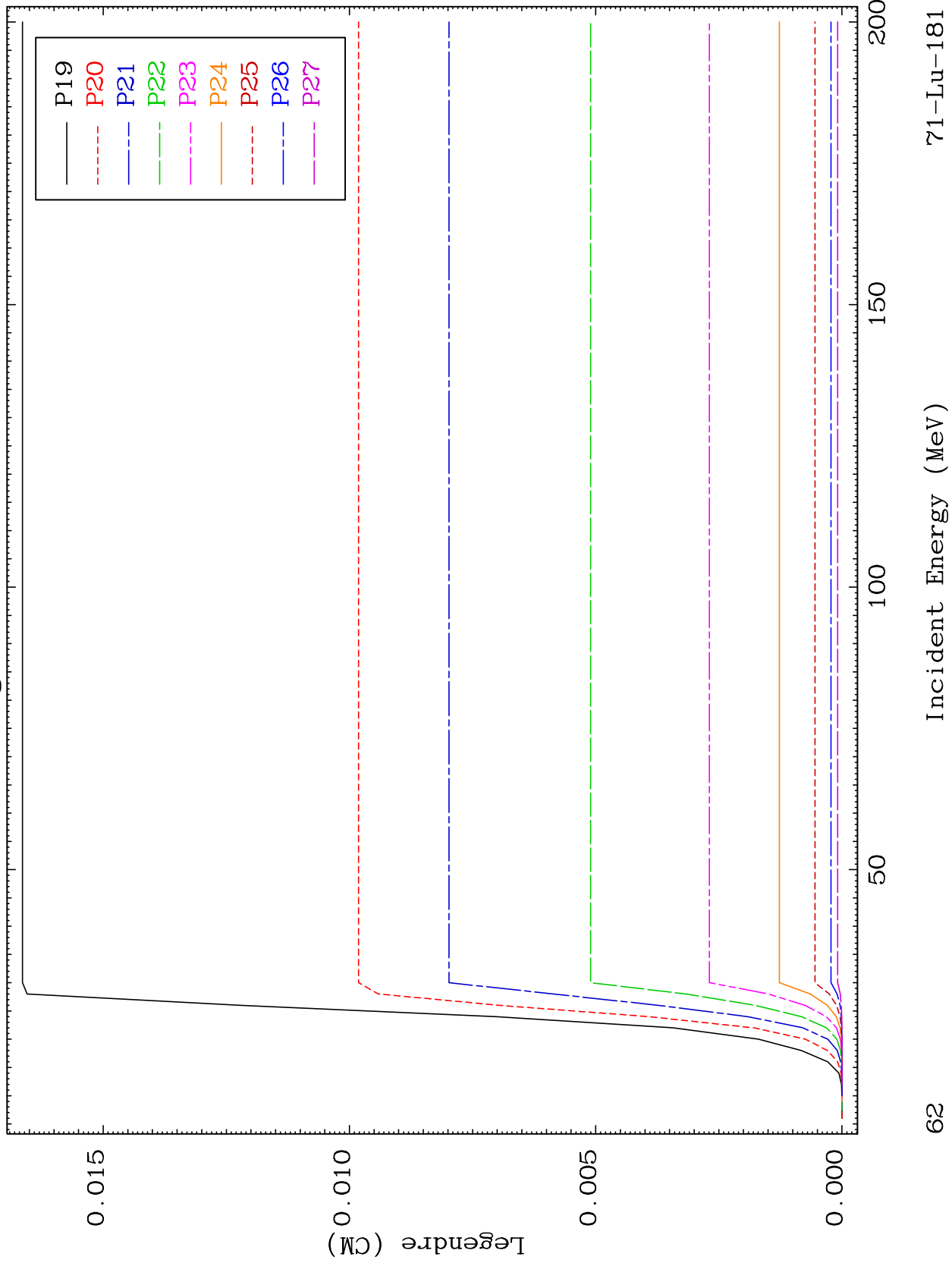




MAT 7143

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

71-Lu-181



62

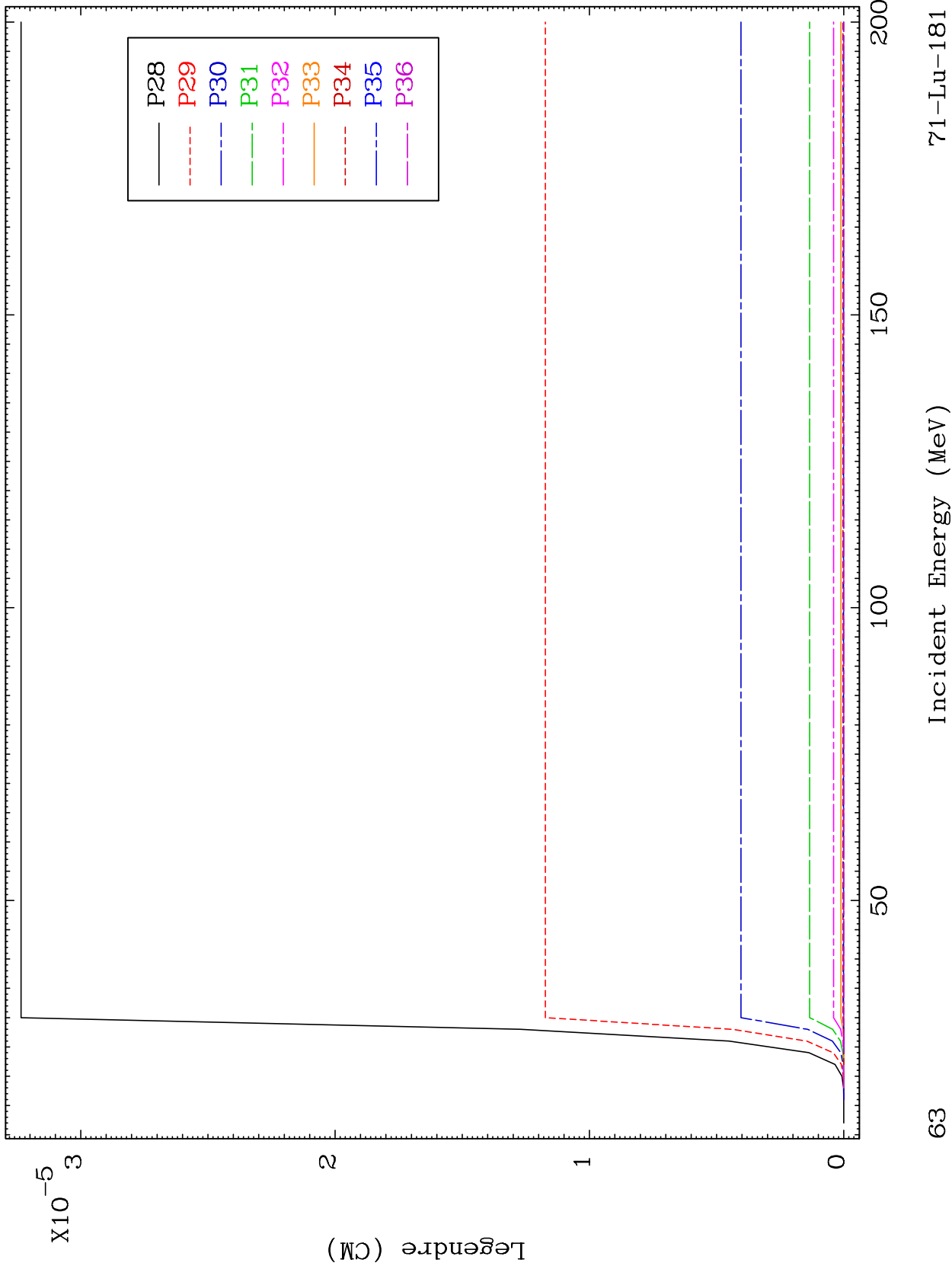
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



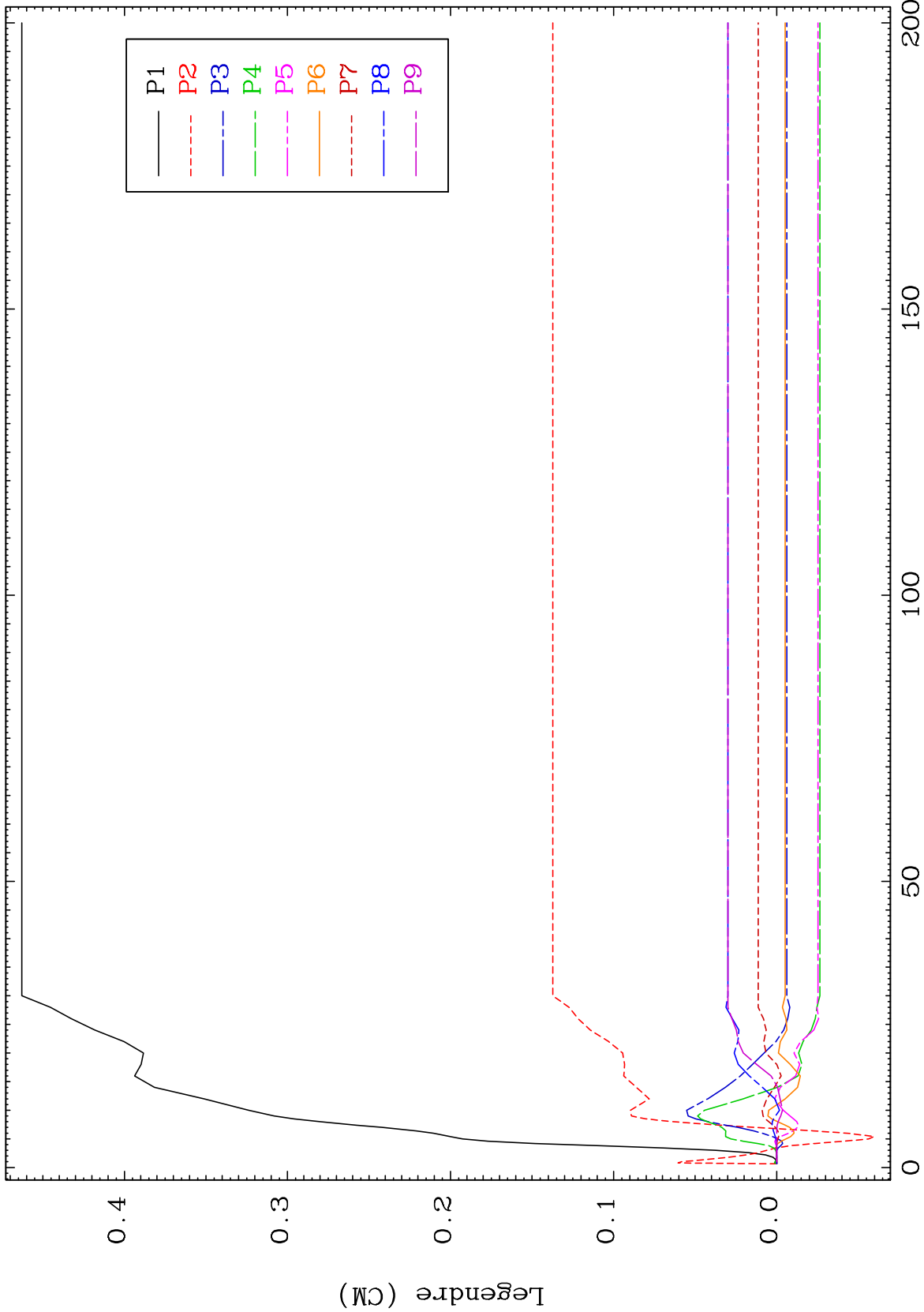
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71-Lu-181

MAT 7143

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

71-Lu-181



71-Lu-181

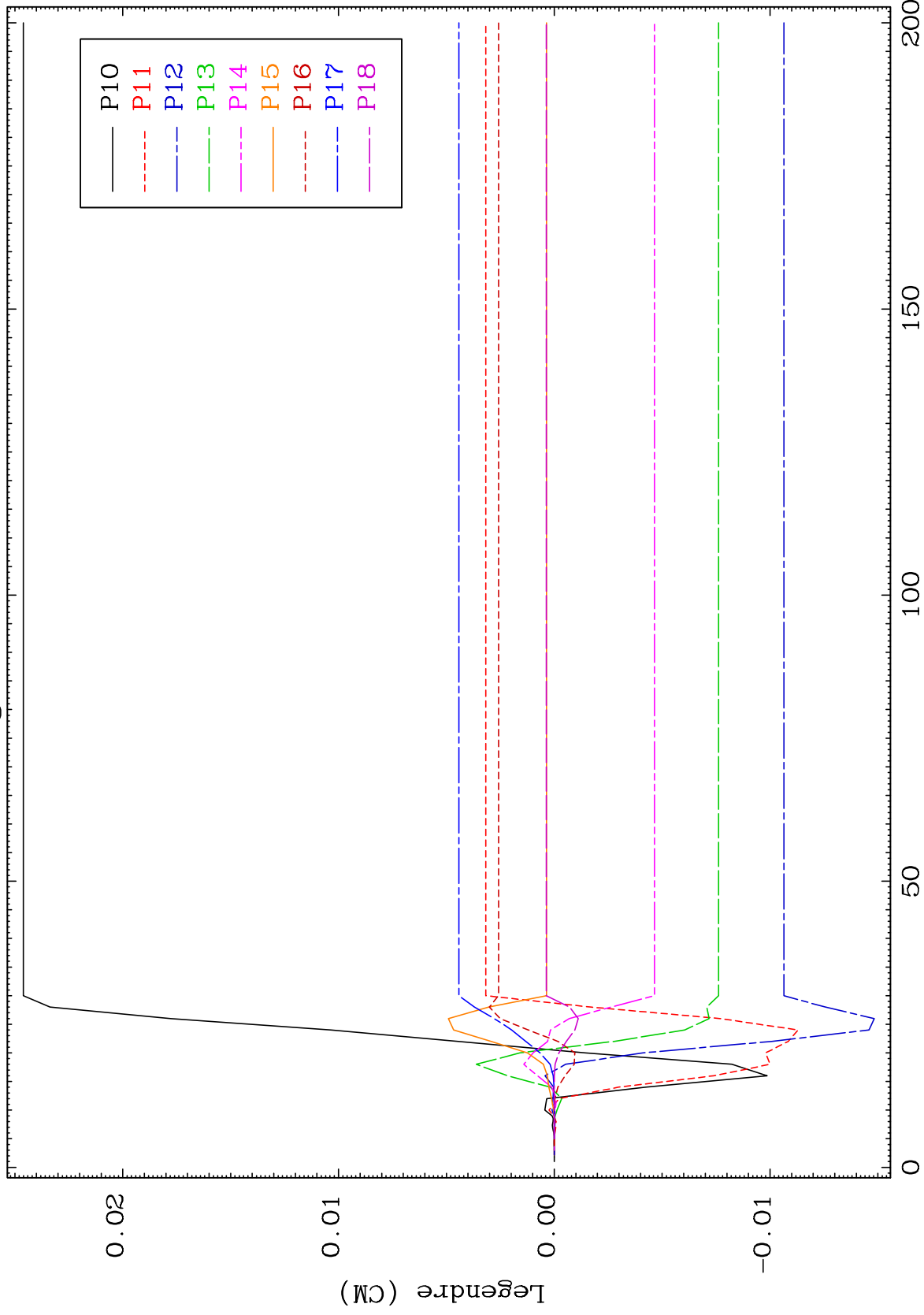
Incident Energy (MeV)

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MAT 7143

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

71-Lu-181



65

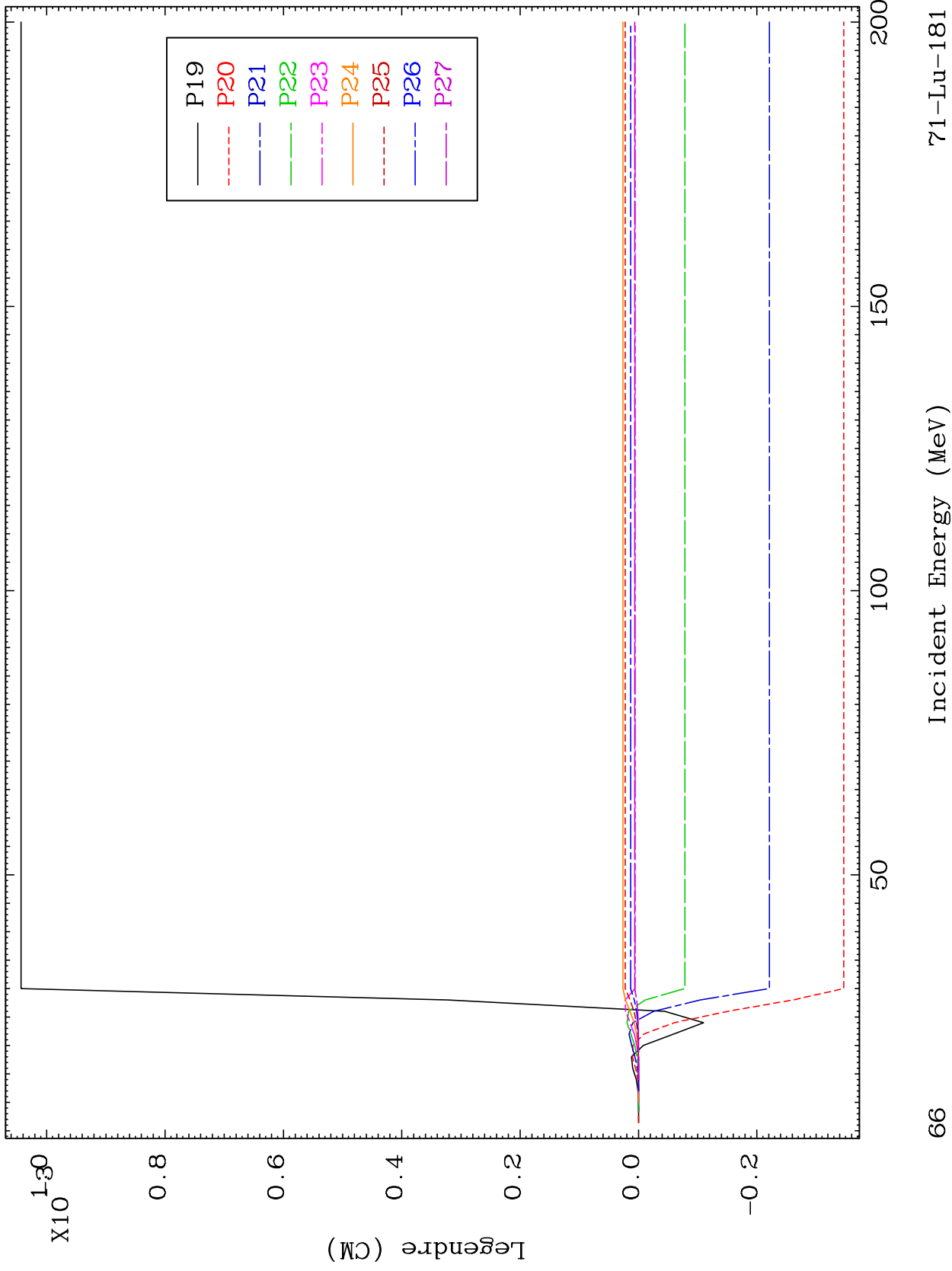
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



66

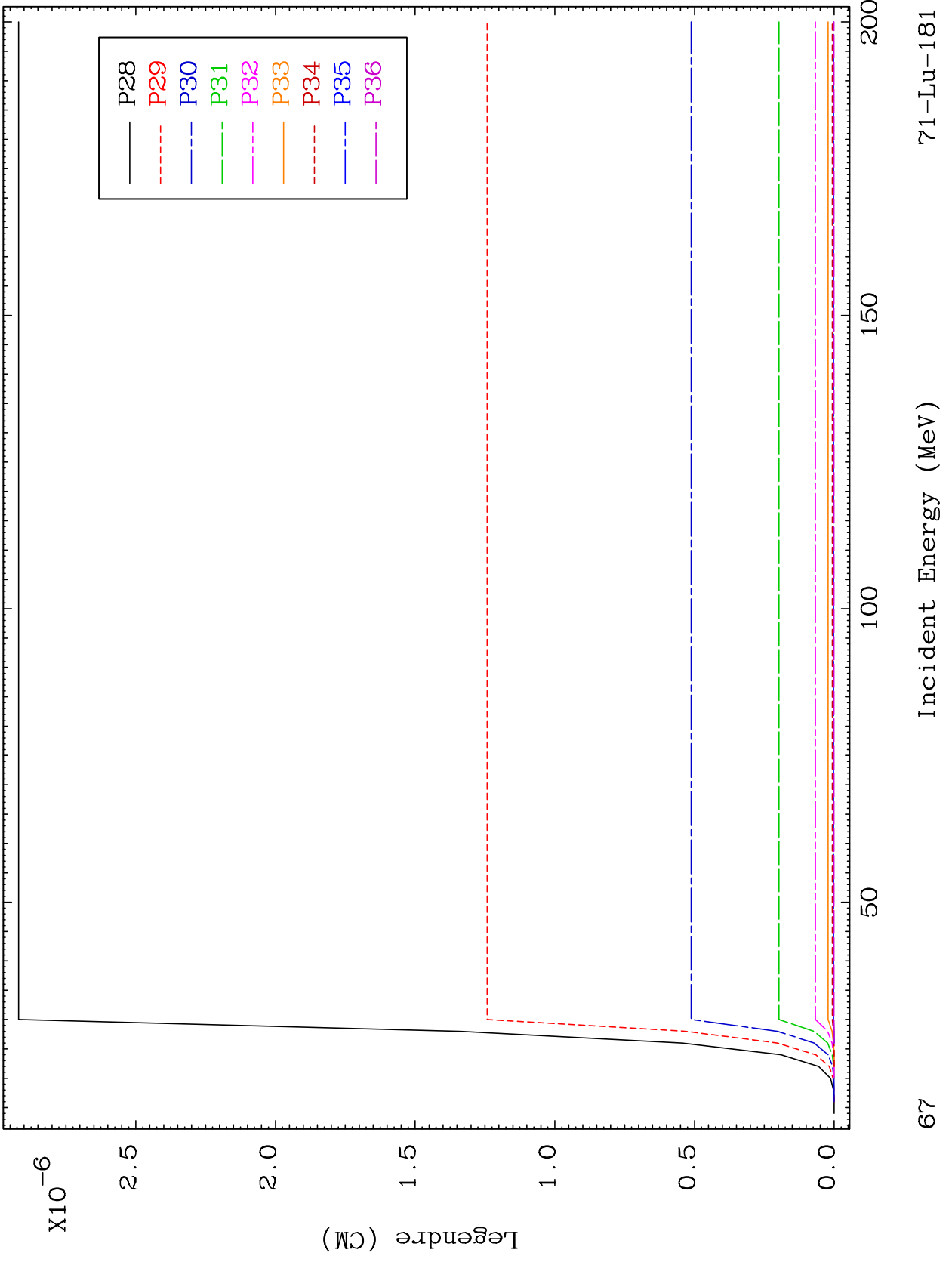
71-Lu-181

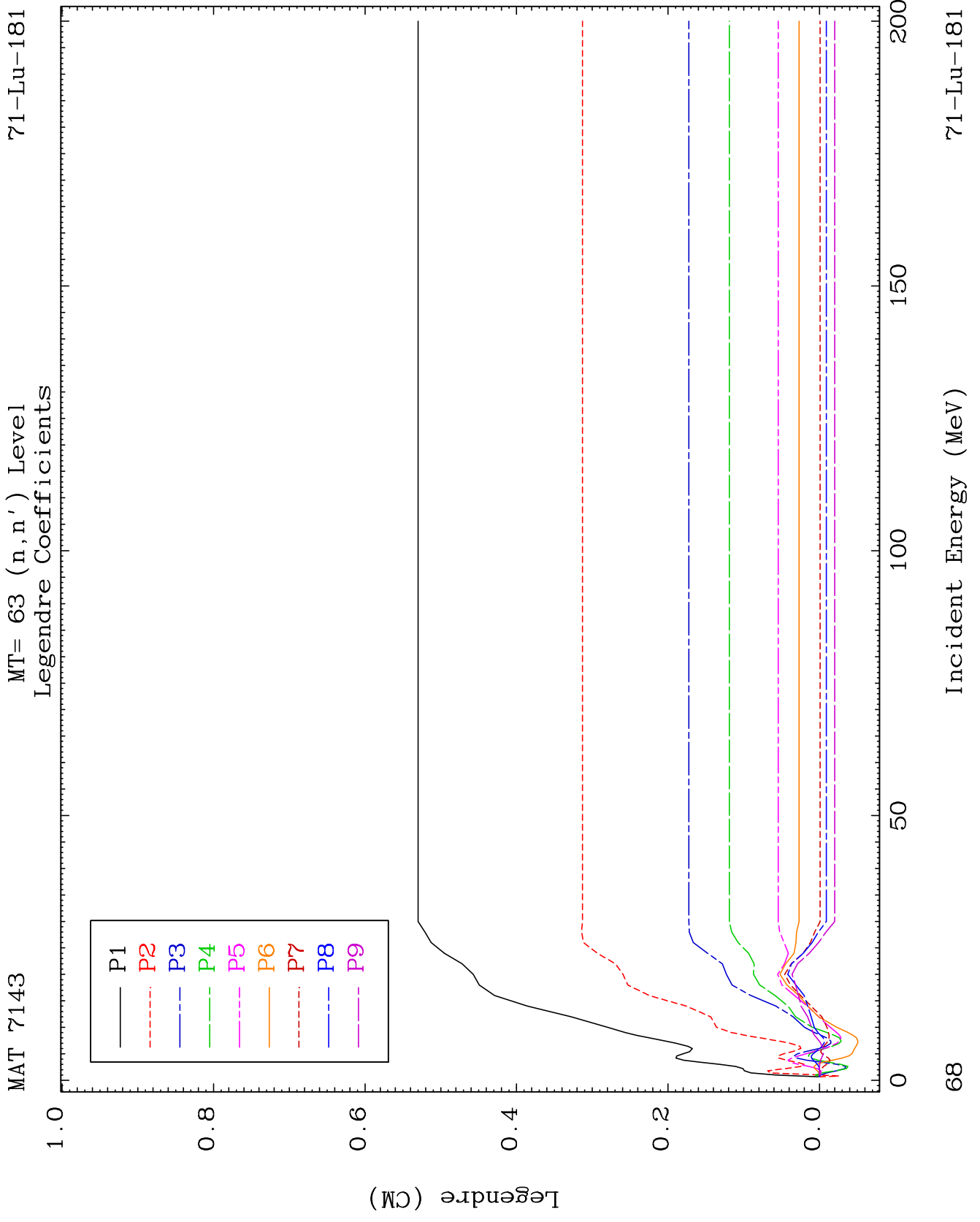
71-Lu-181

MAT 7143

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

71-Lu-181

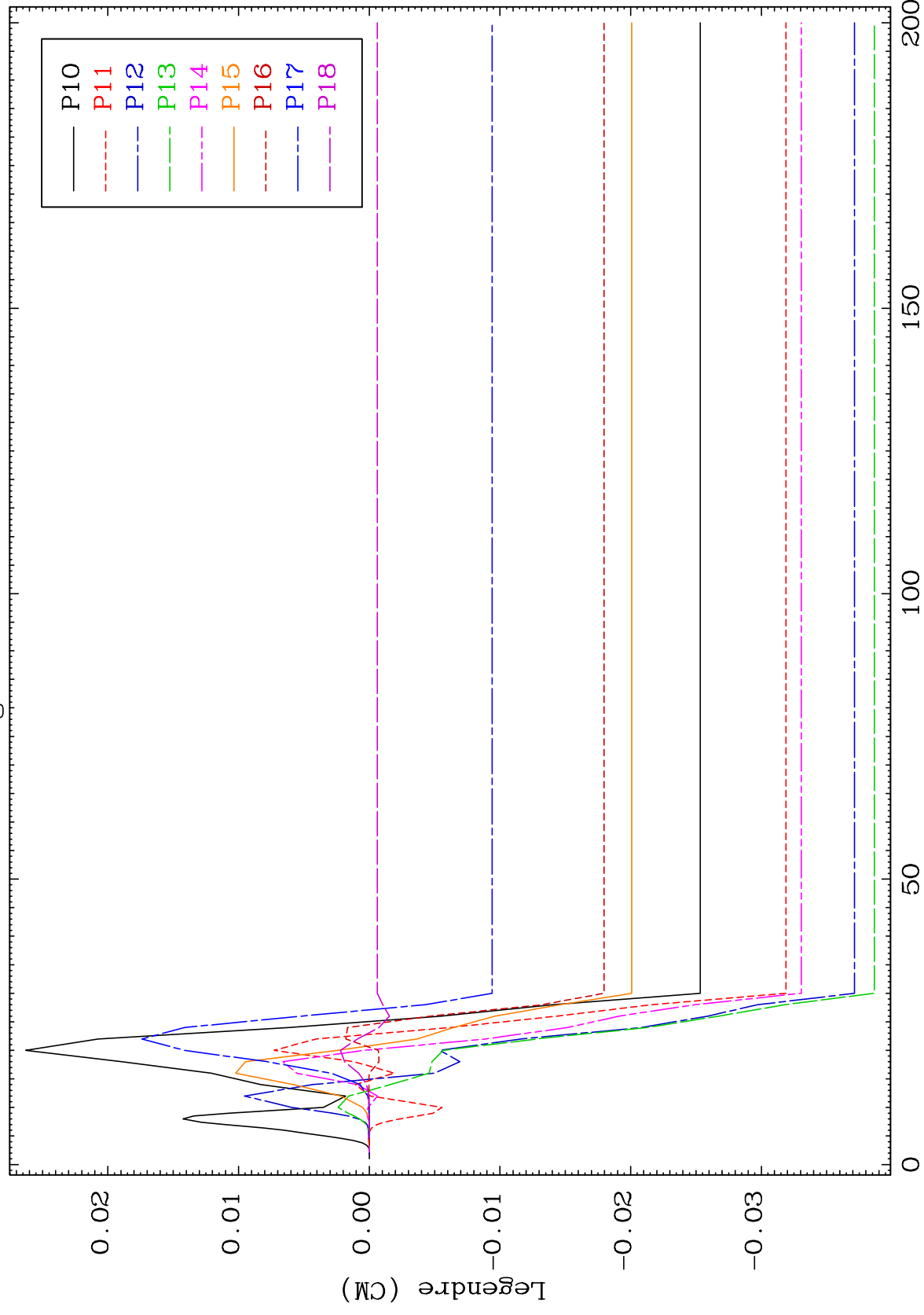




MAT 7143

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

71-Lu-181



69

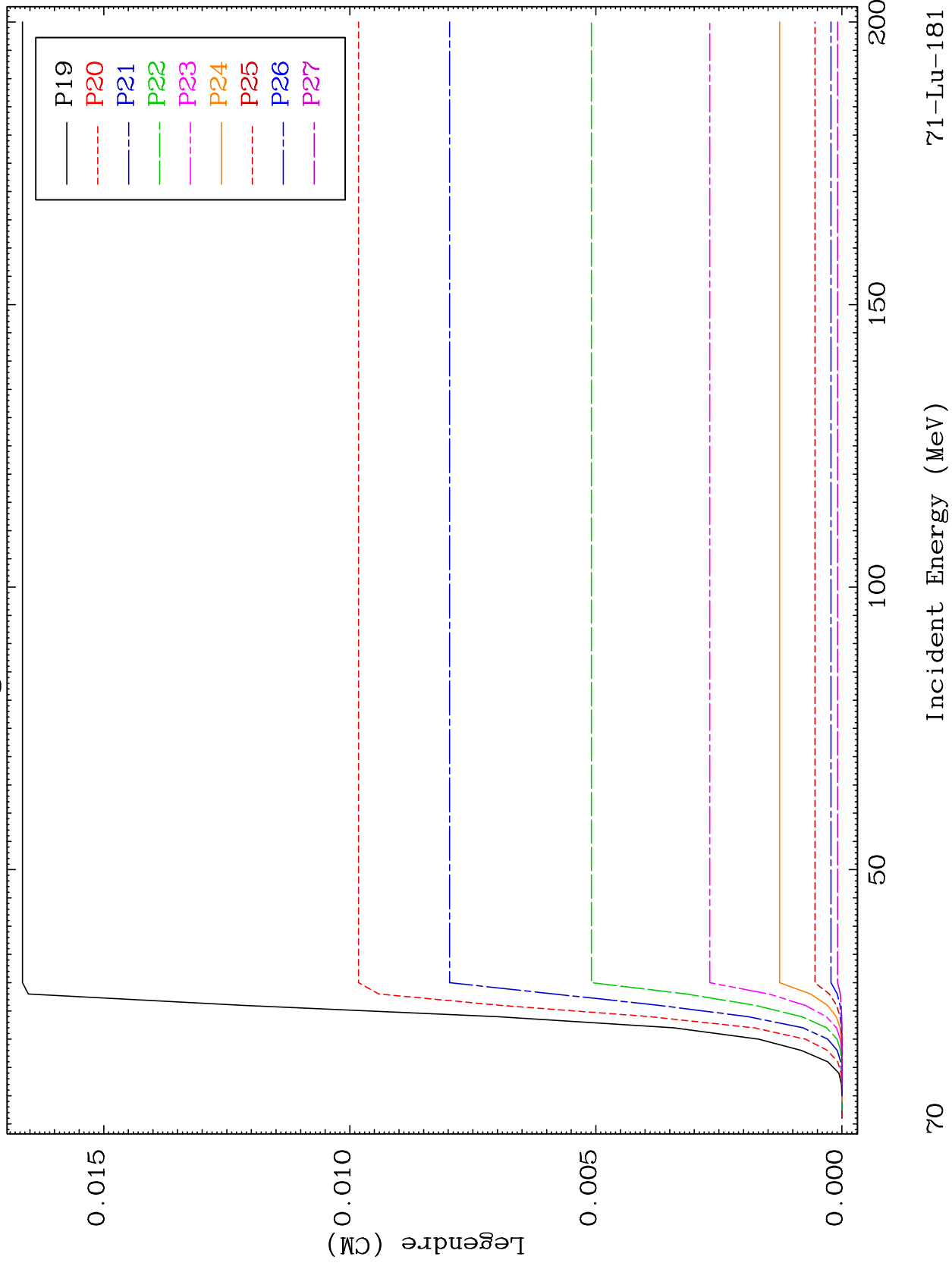
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



71-Lu-181

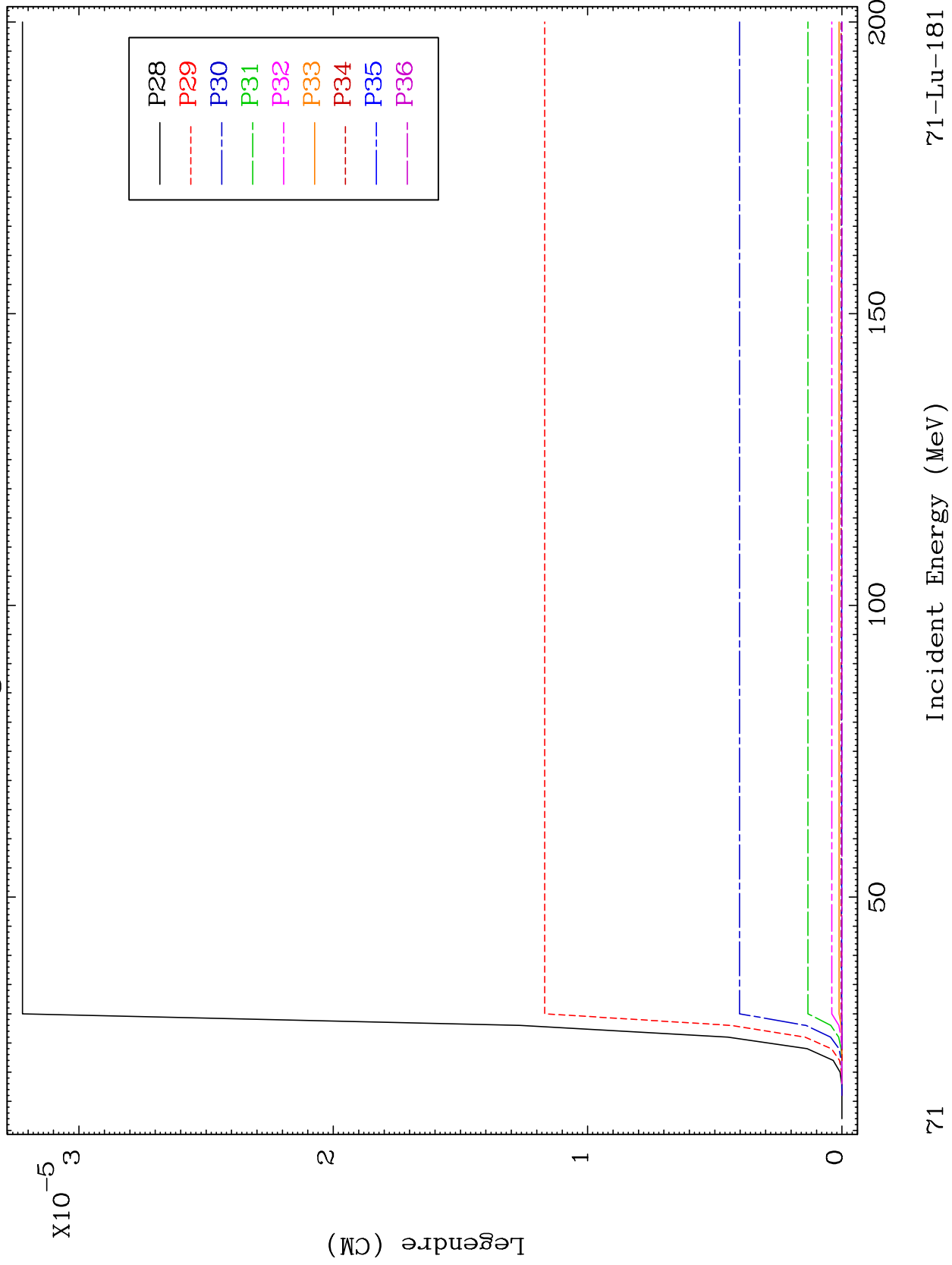
Incident Energy (MeV)

70

MAT 7143

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

71-Lu-181



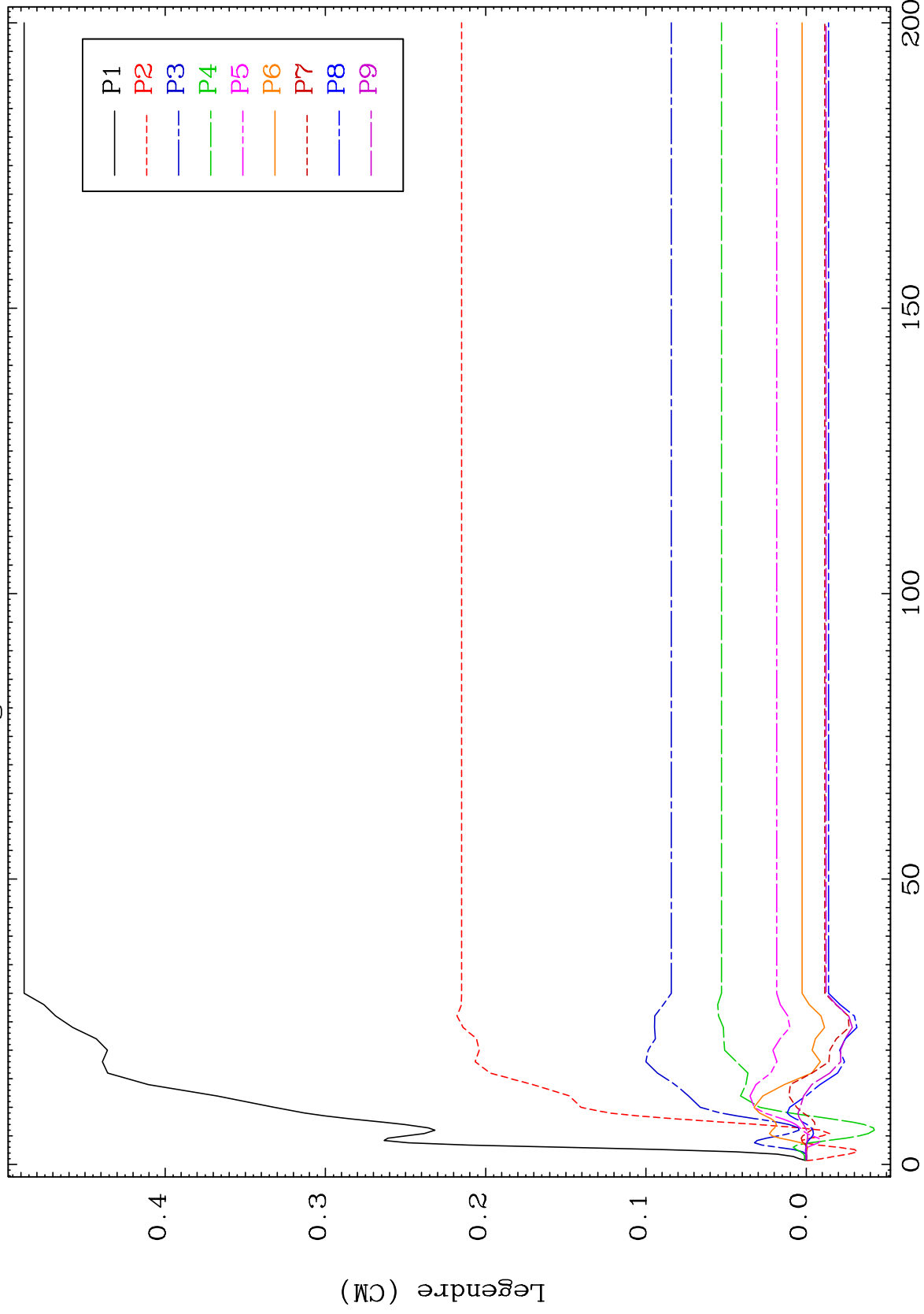
71

71-Lu-181

MAT 7143

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

71-Lu-181



72

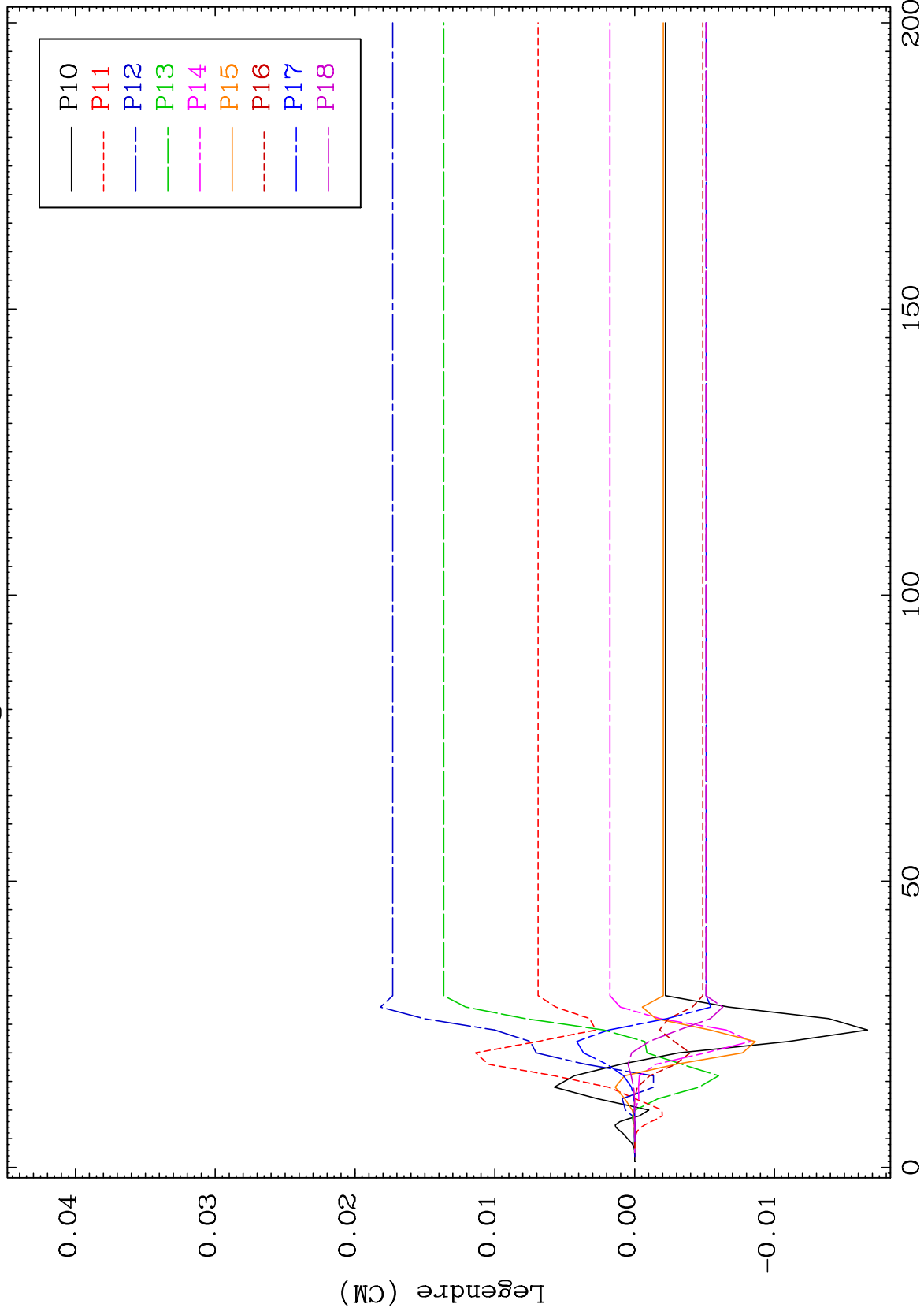
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



73

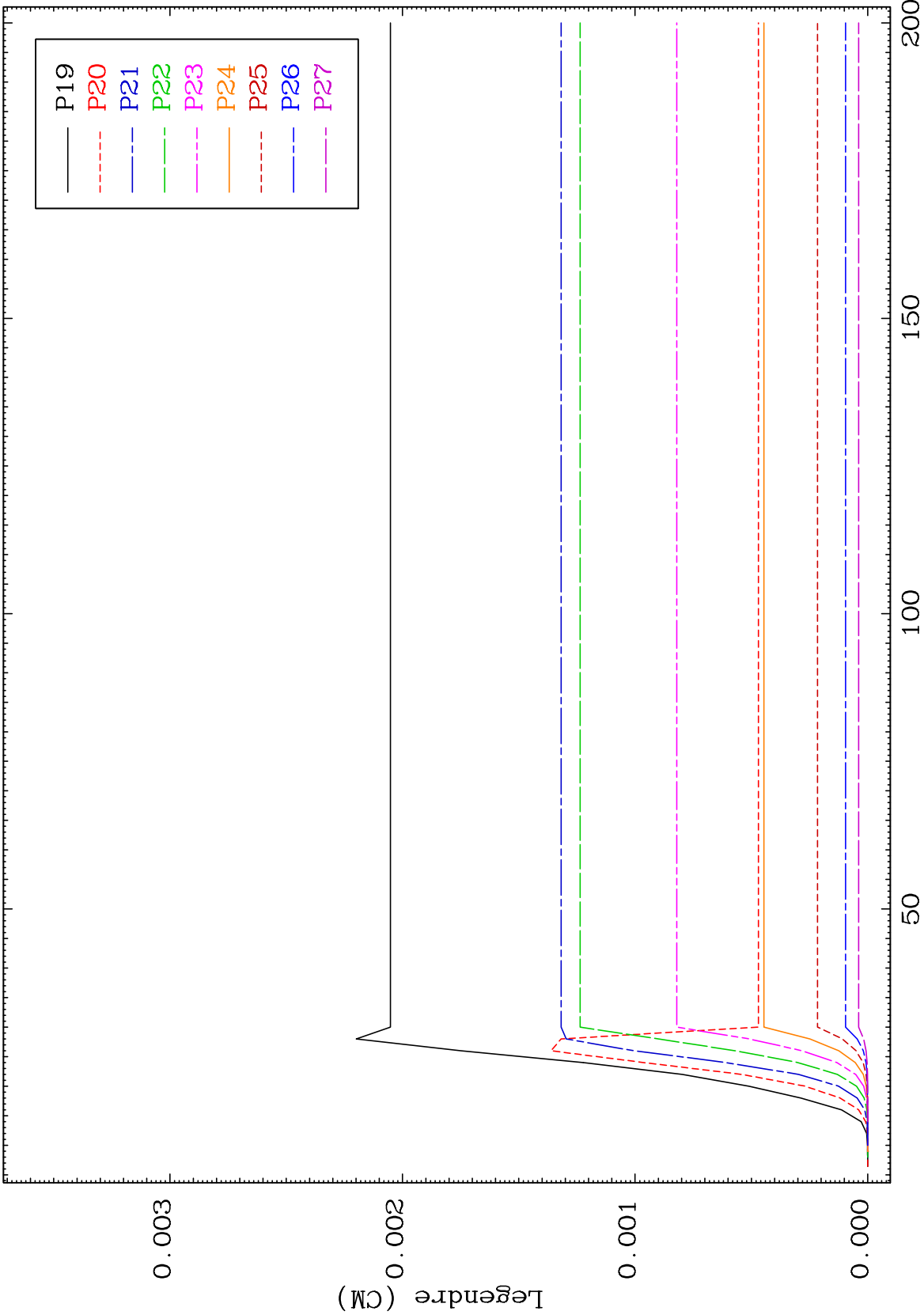
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



74

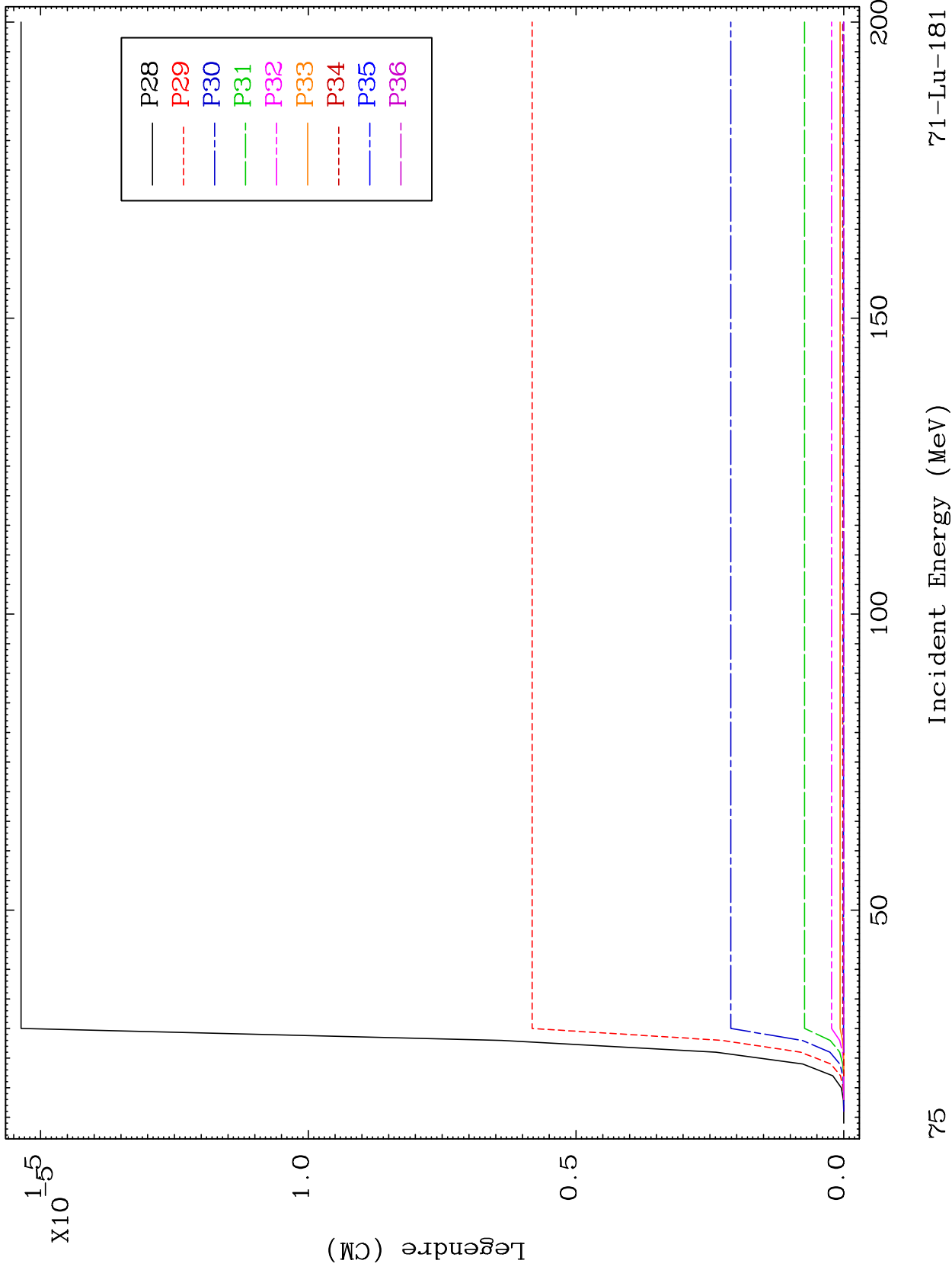
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



75

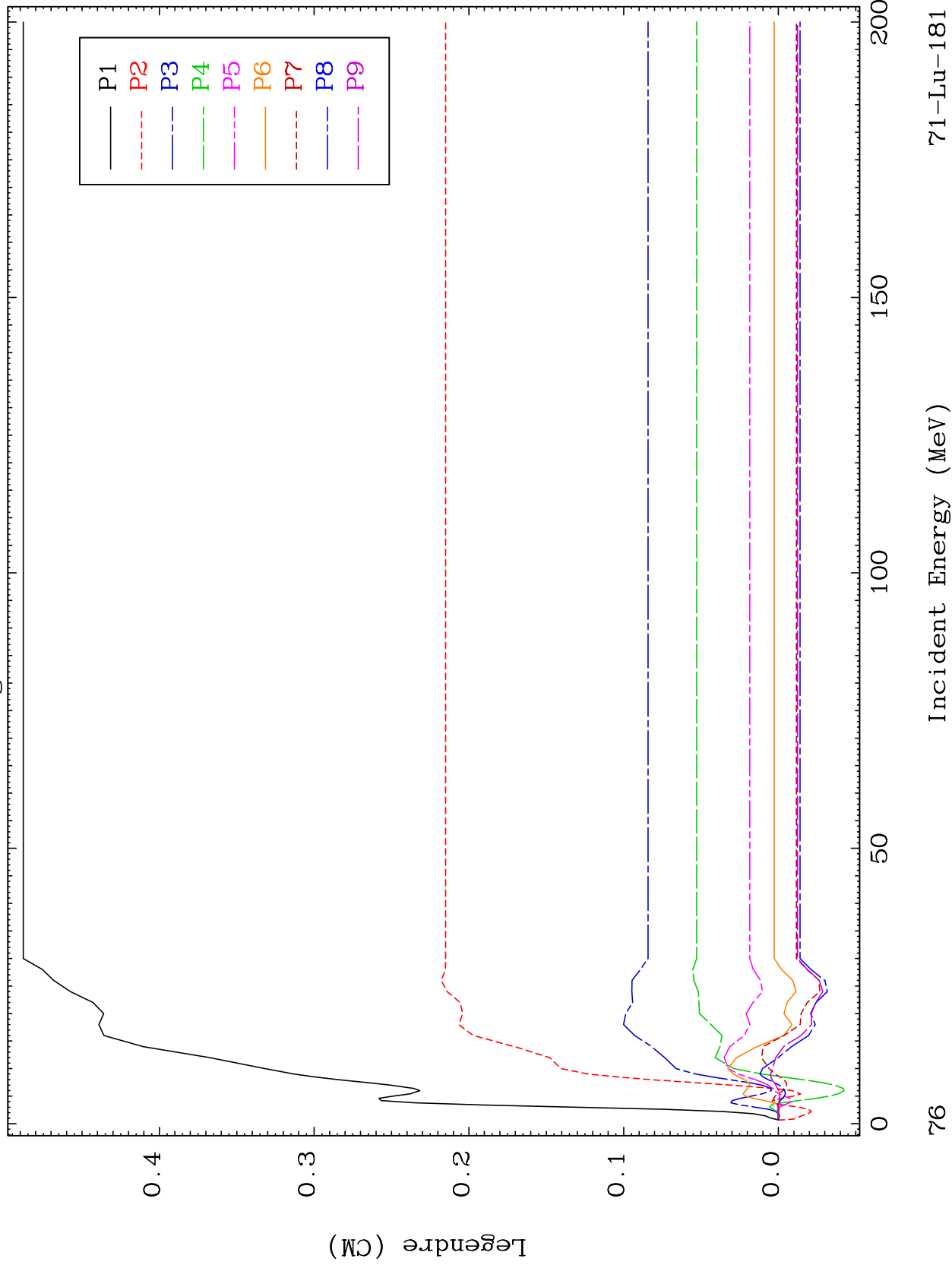
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



71-Lu-181

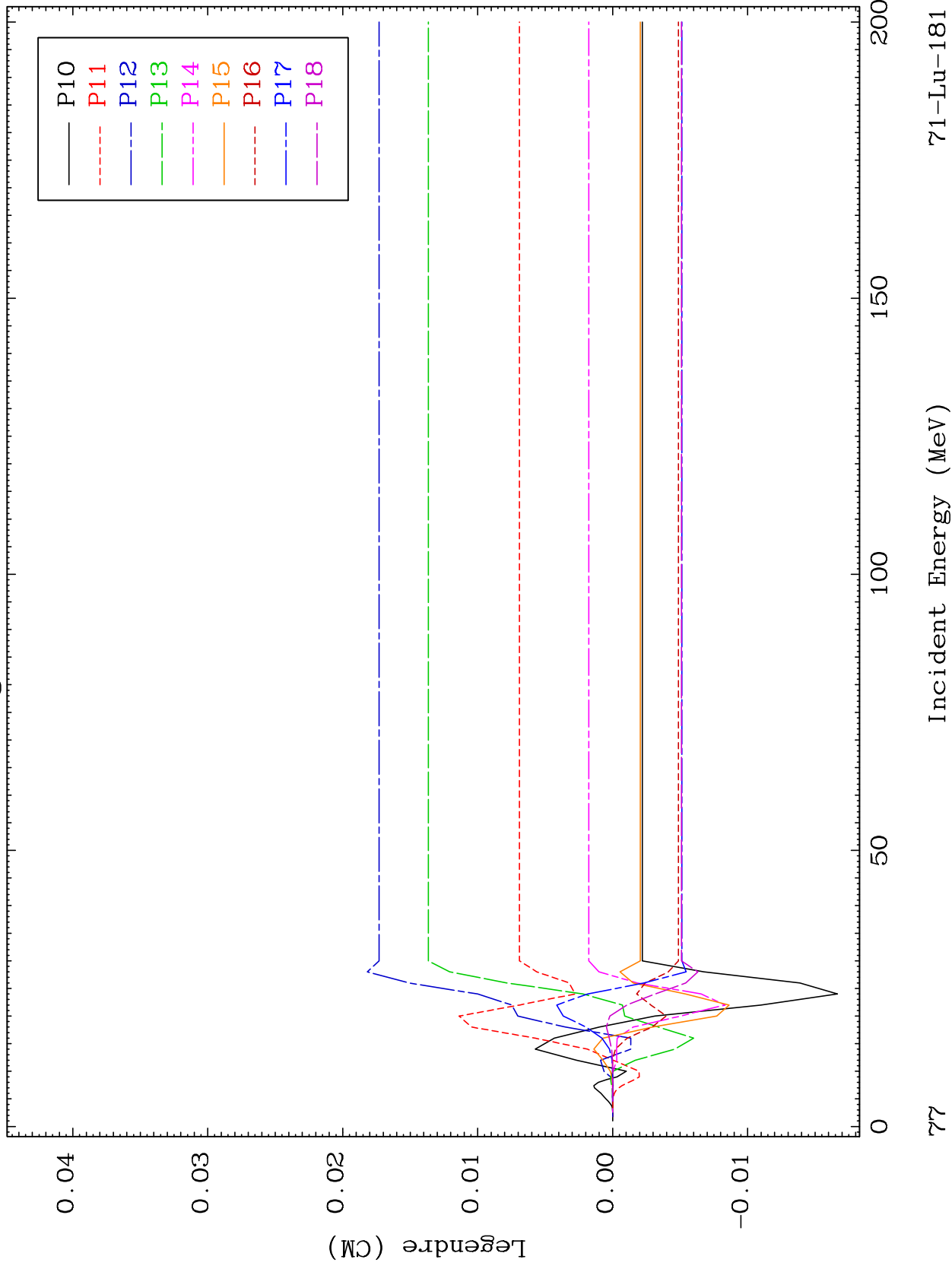
Incident Energy (MeV)

76

MAT 7143

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

71-Lu-181



77

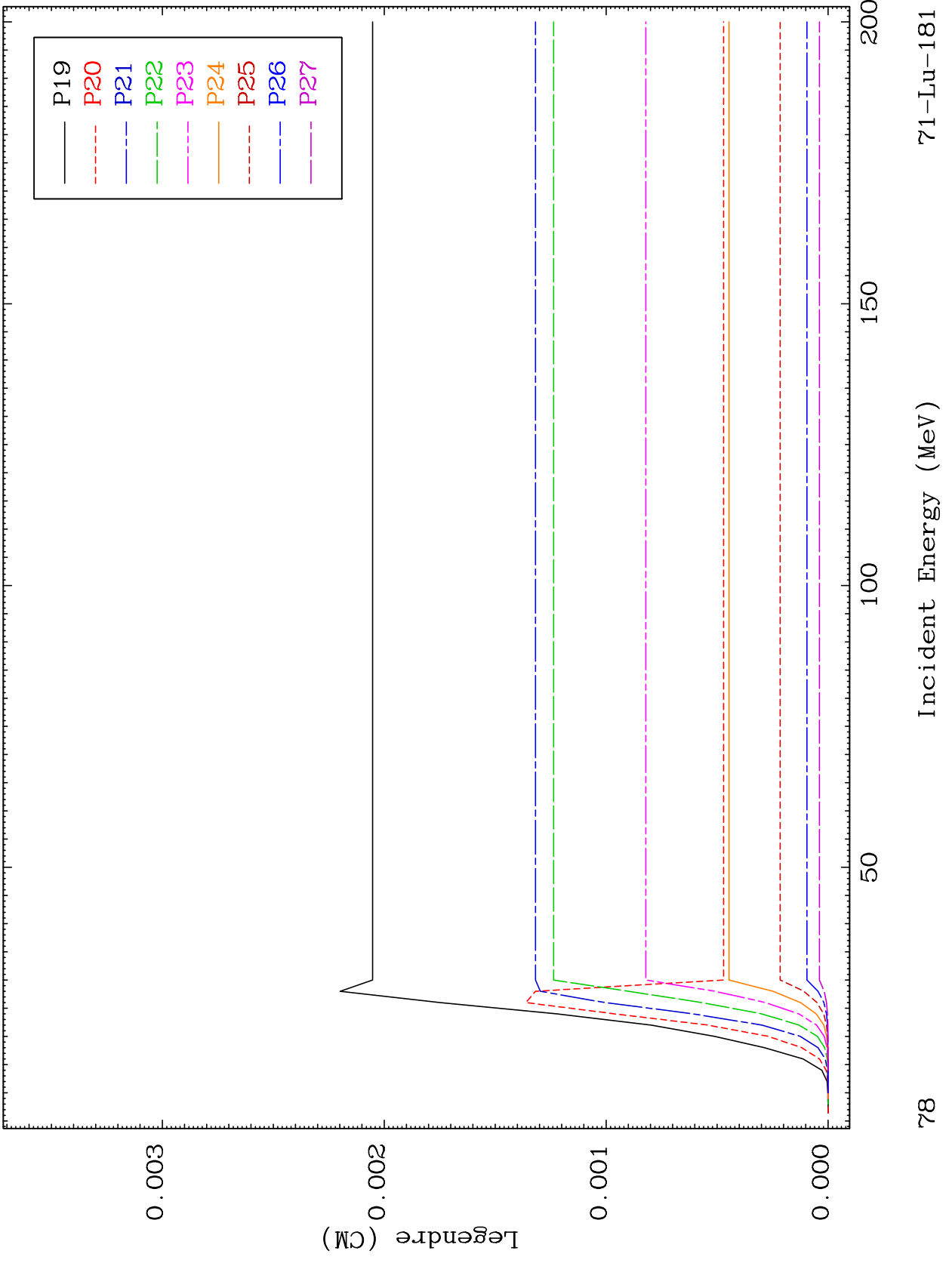
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



78

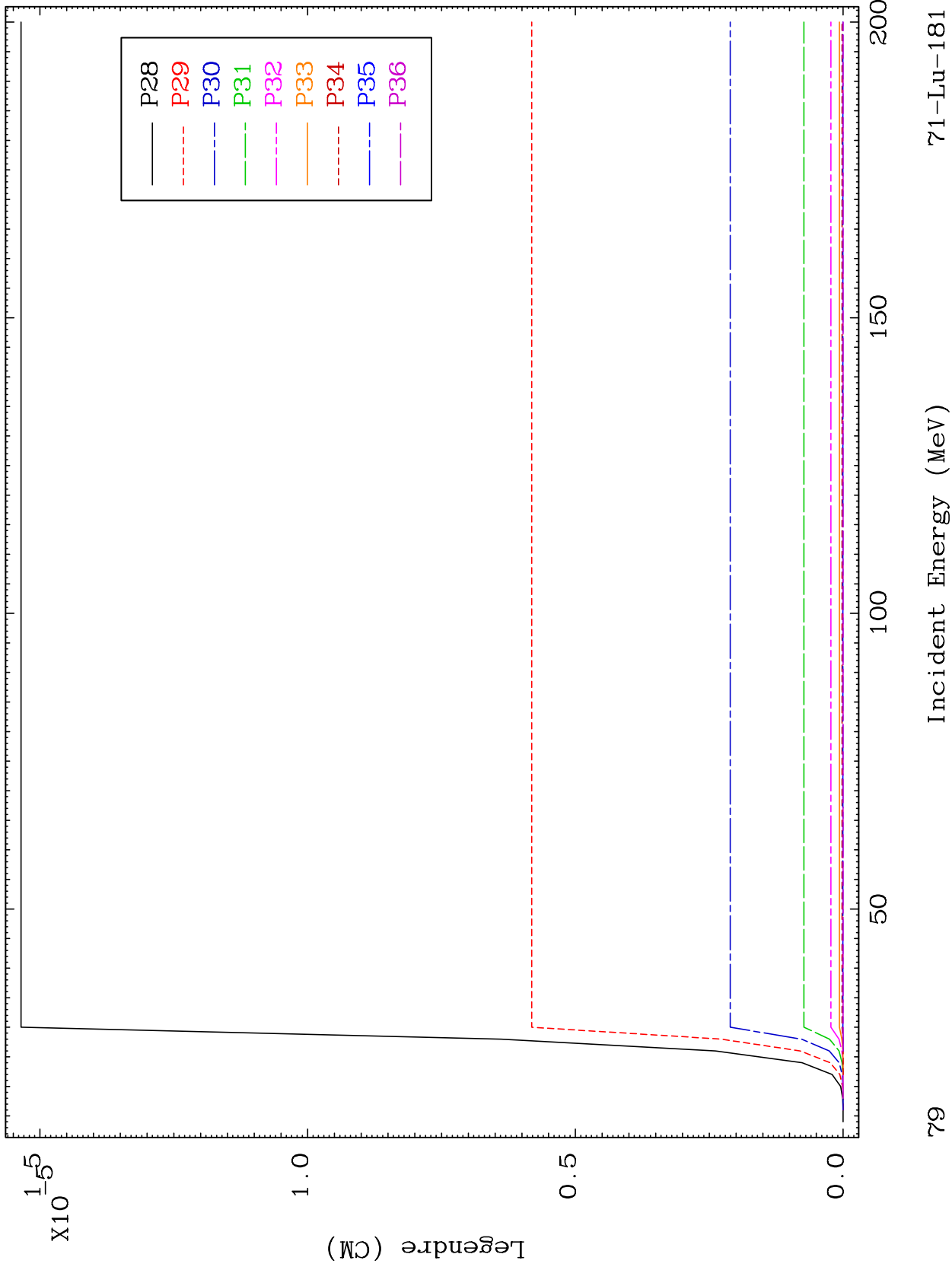
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

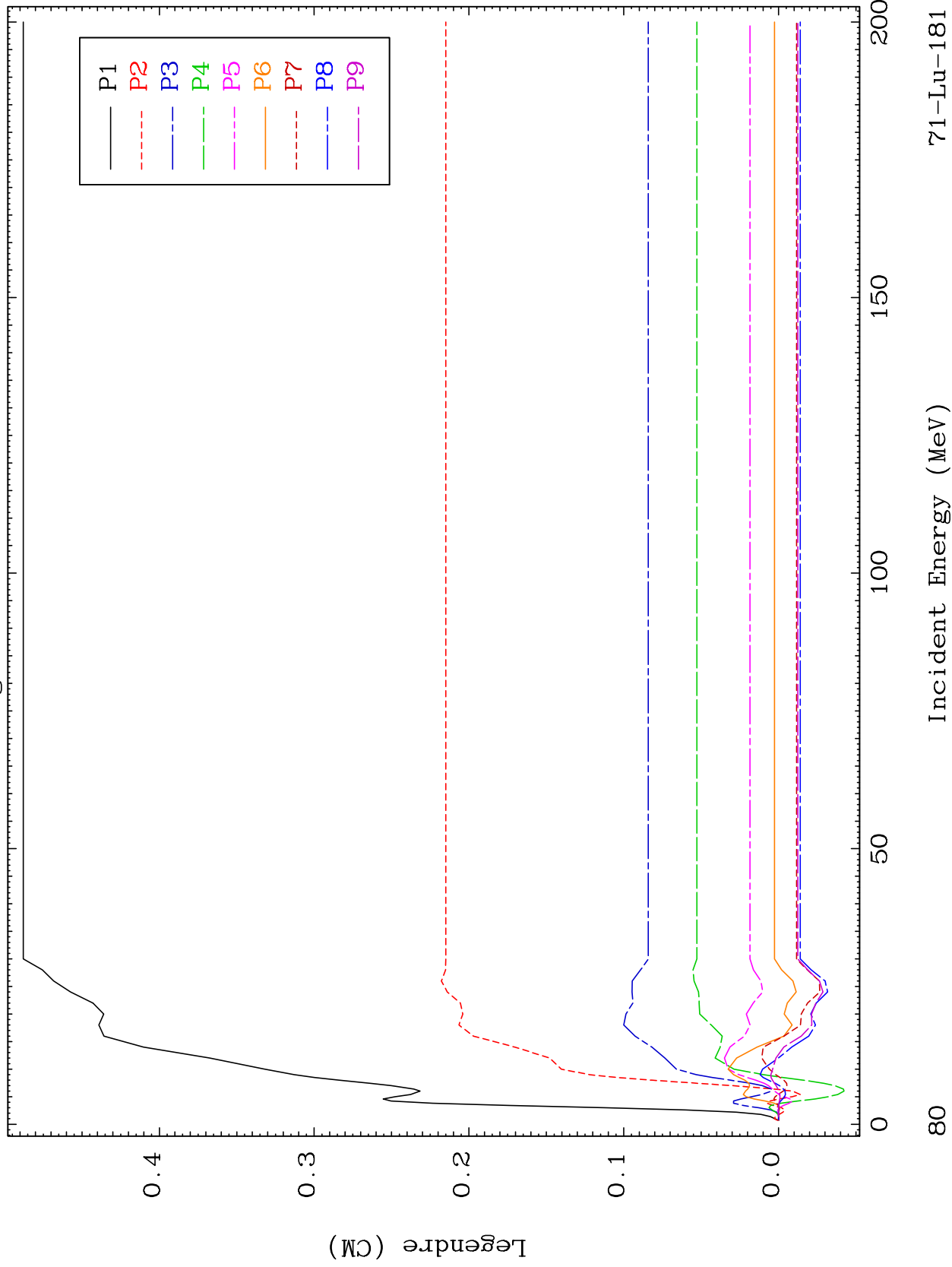
71-Lu-181



MAT 7143

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

71-Lu-181



71-Lu-181

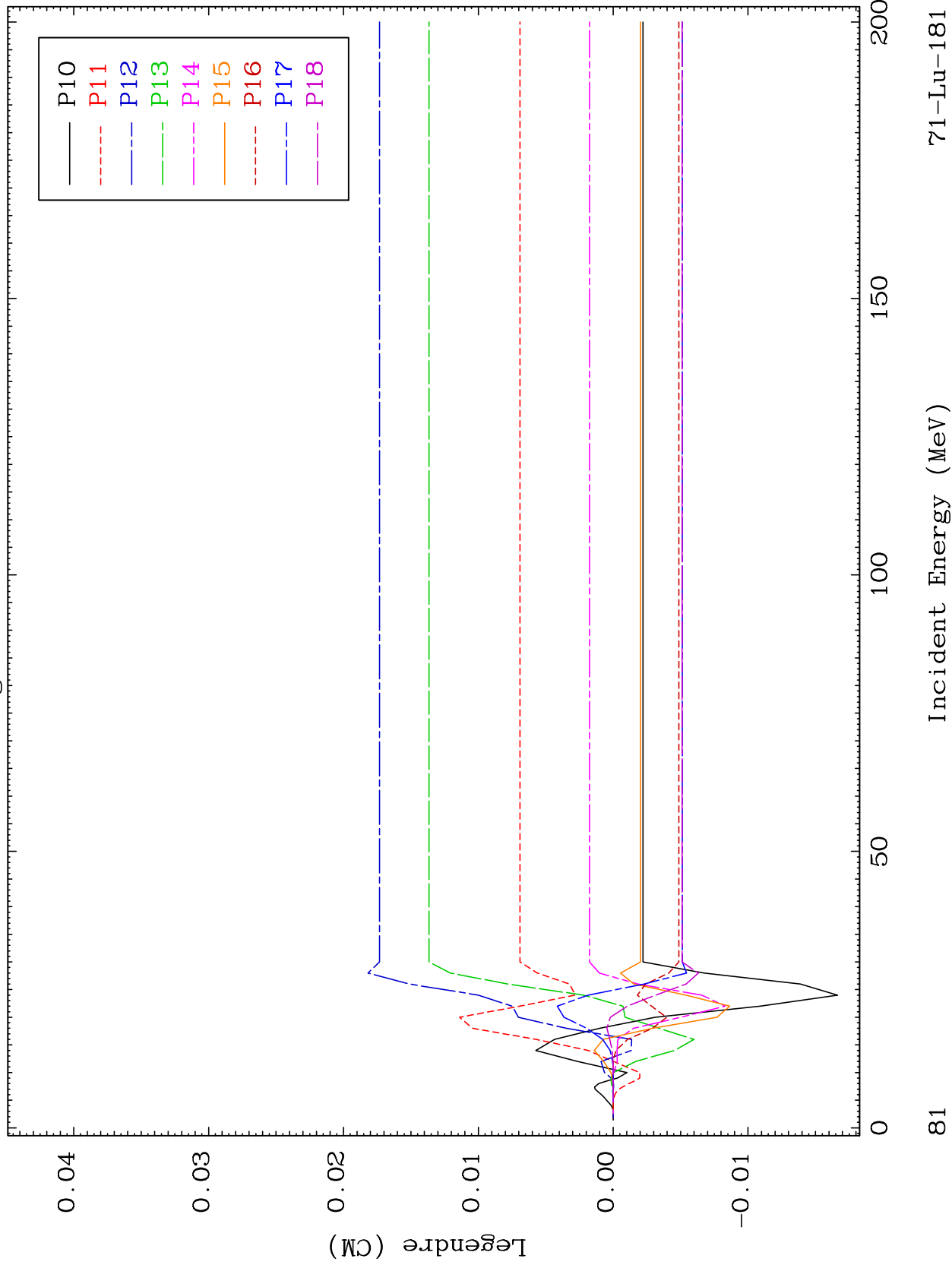
Incident Energy (MeV)

80

MAT 7143

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

71-Lu-181



71-Lu-181

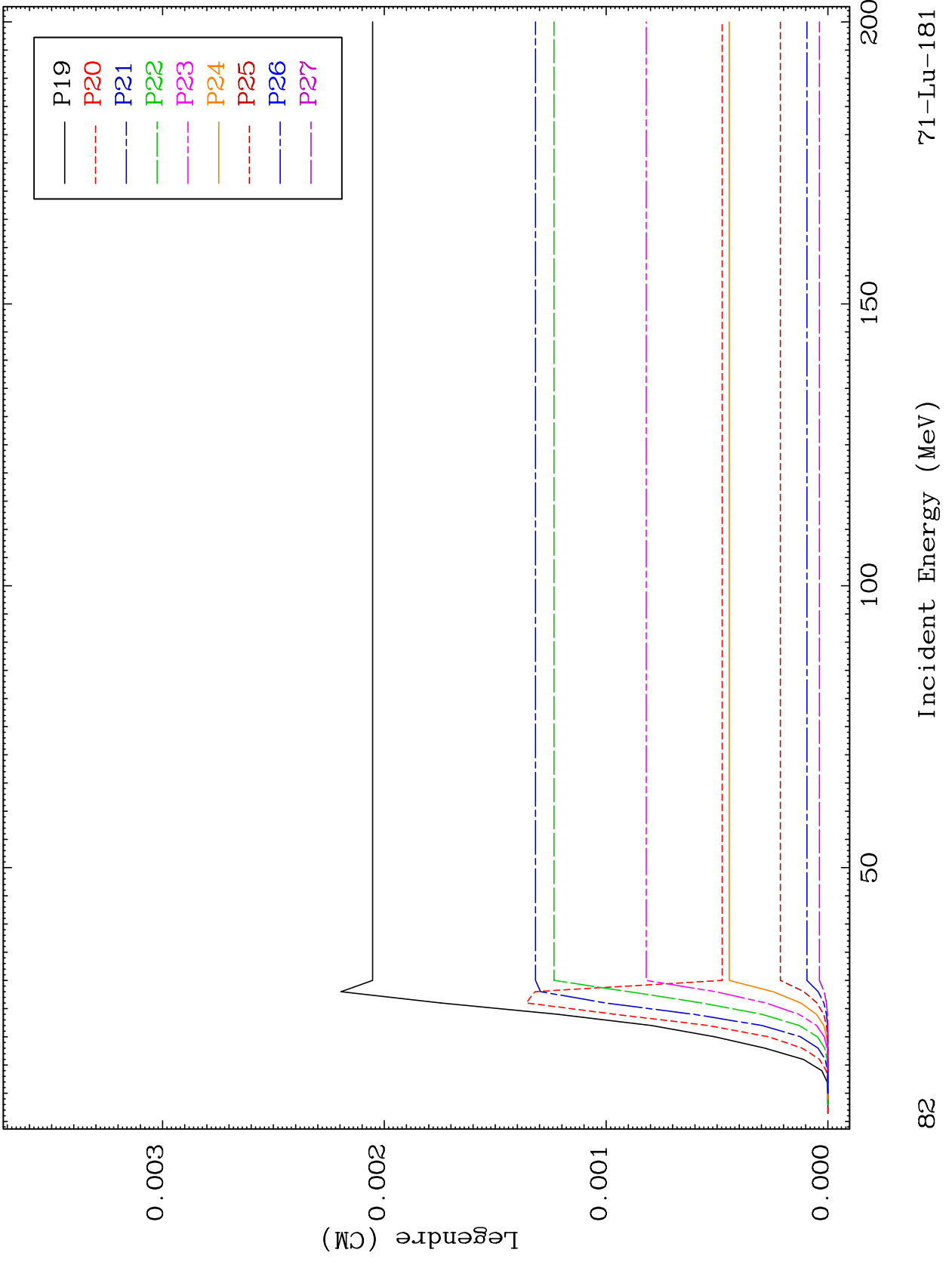
Incident Energy (MeV)

81

MAT 7143

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

71-Lu-181



82

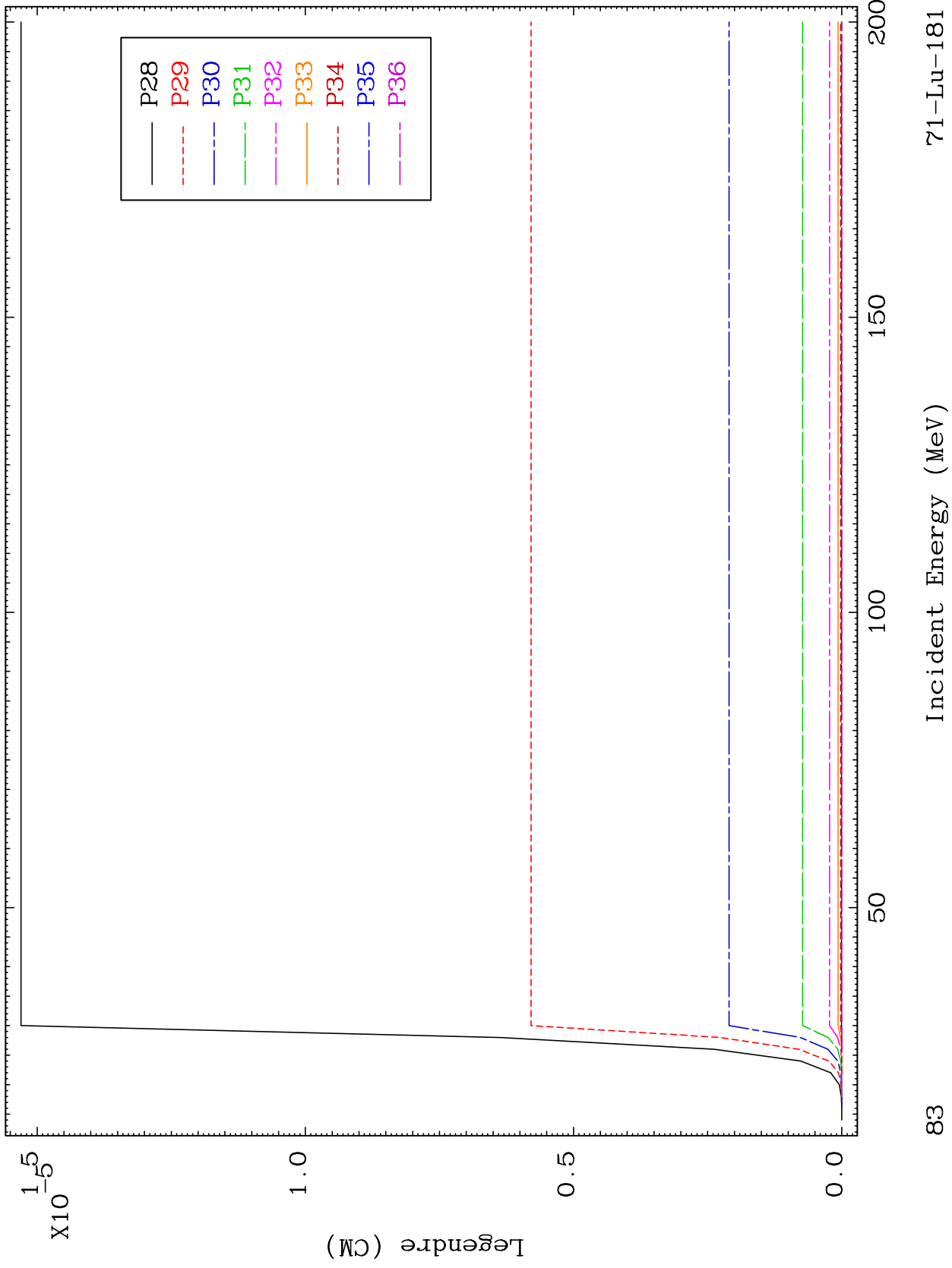
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



83

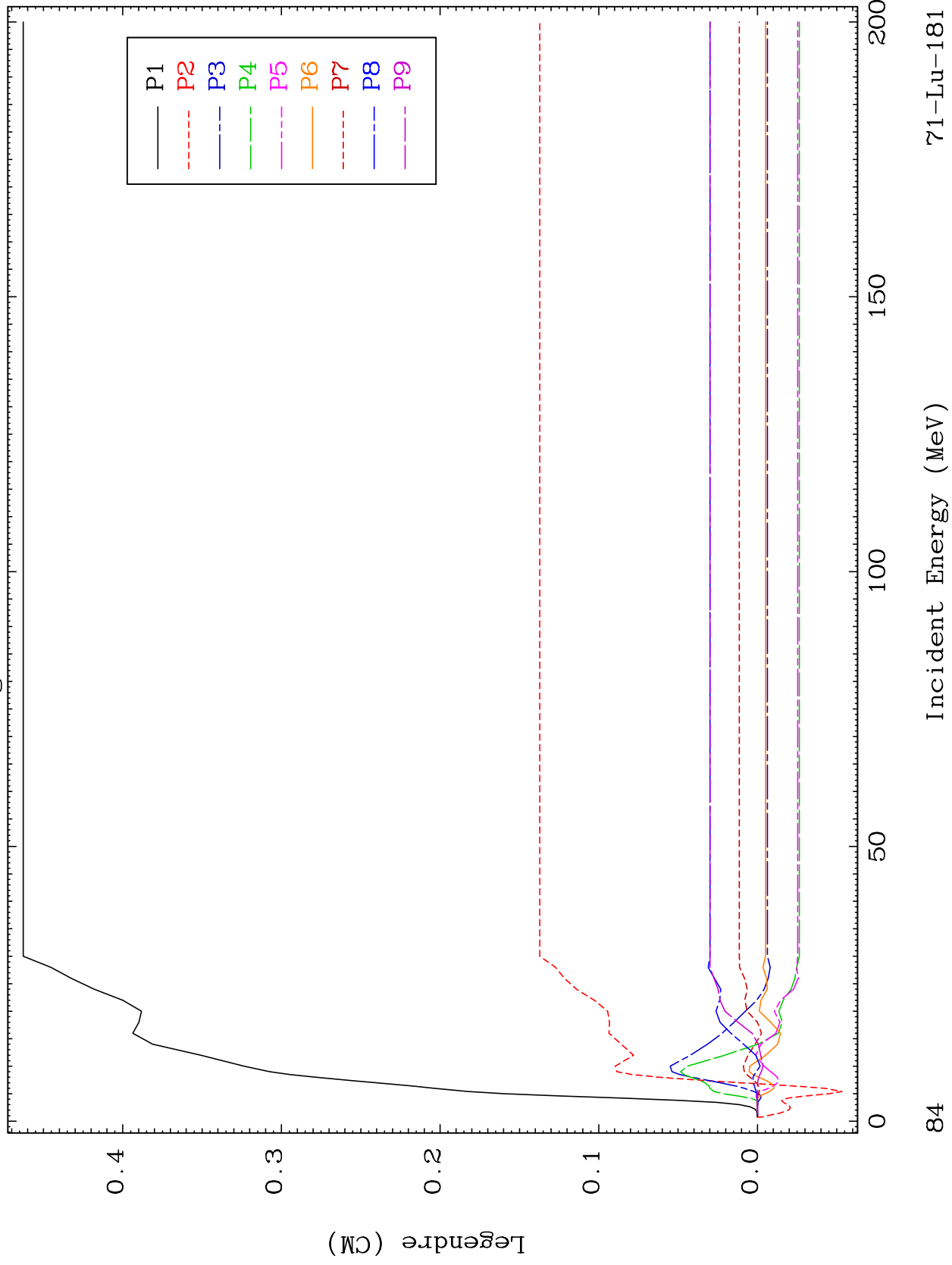
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



84

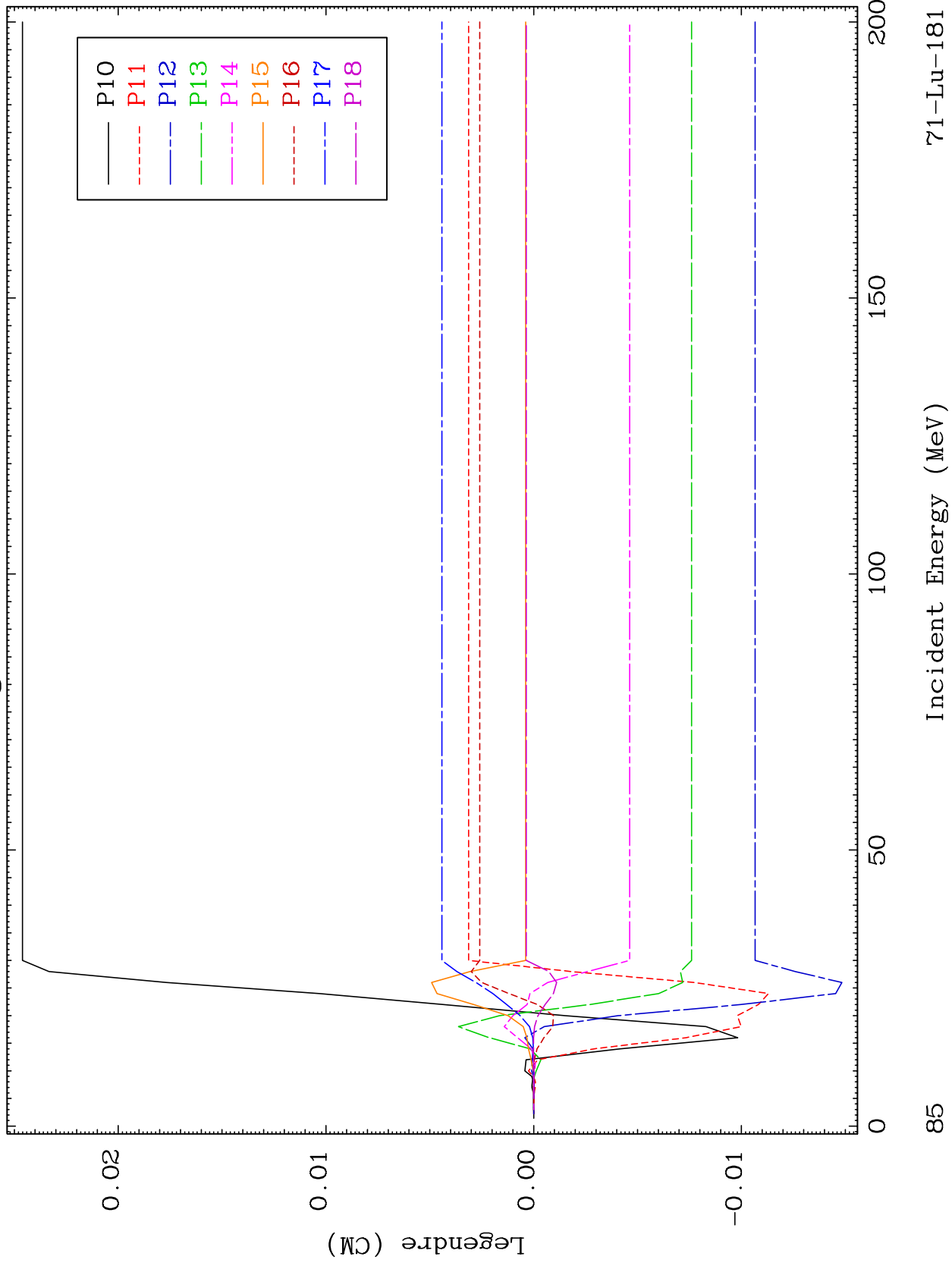
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

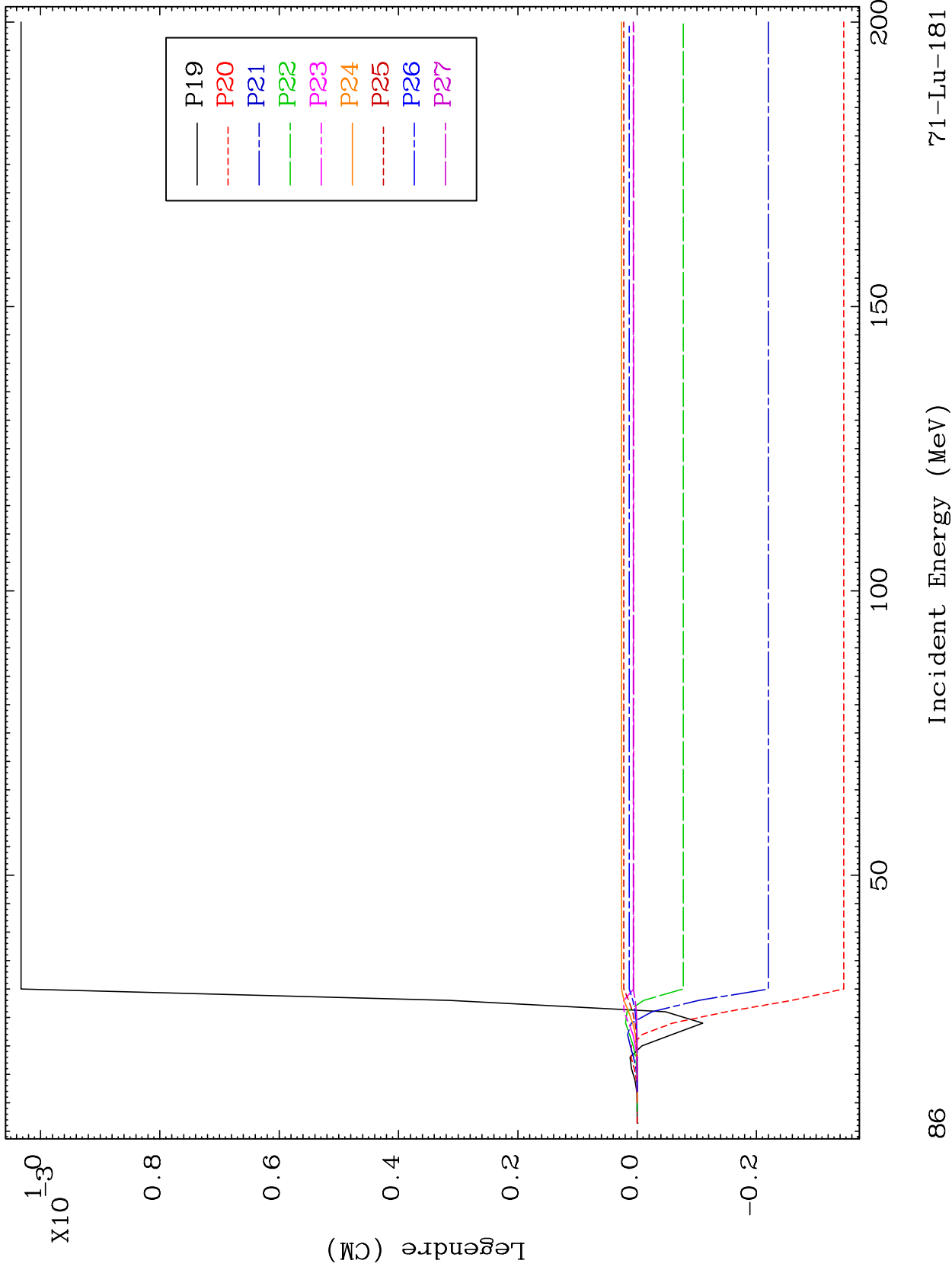
71-Lu-181



71-Lu-181

Incident Energy (MeV)

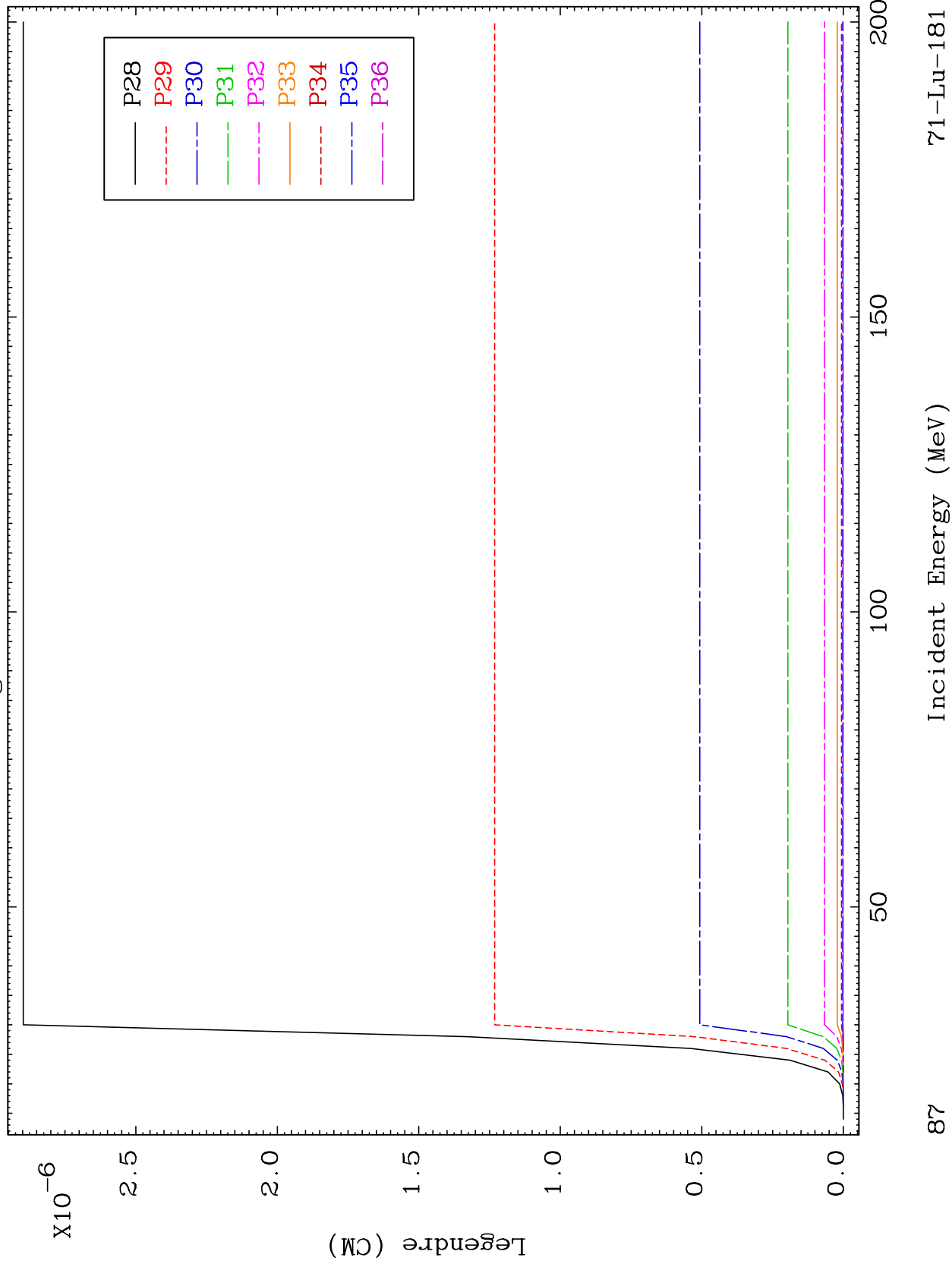
85



MAT 7143

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

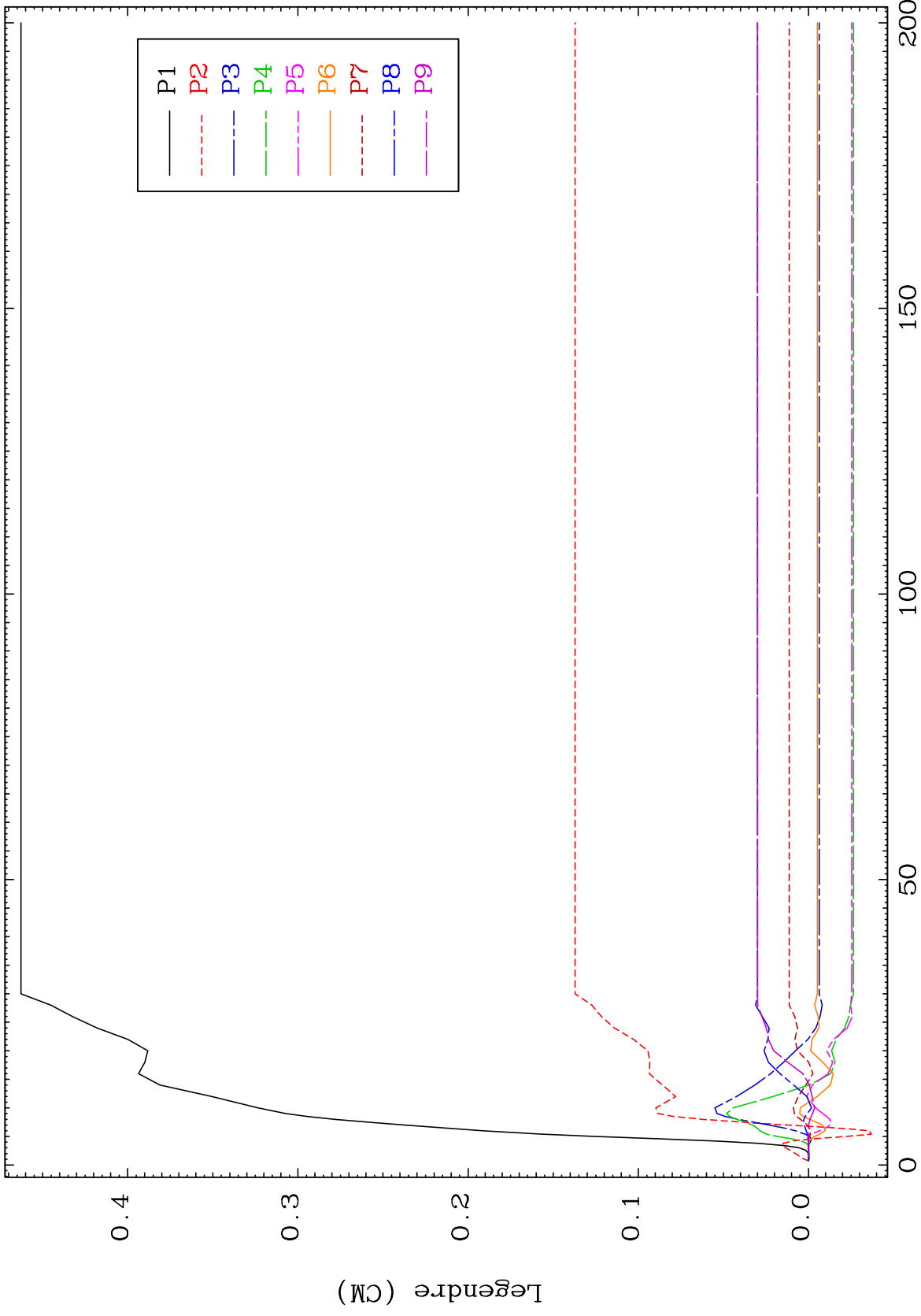
71-Lu-181



MAT 7143

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

71-Lu-181



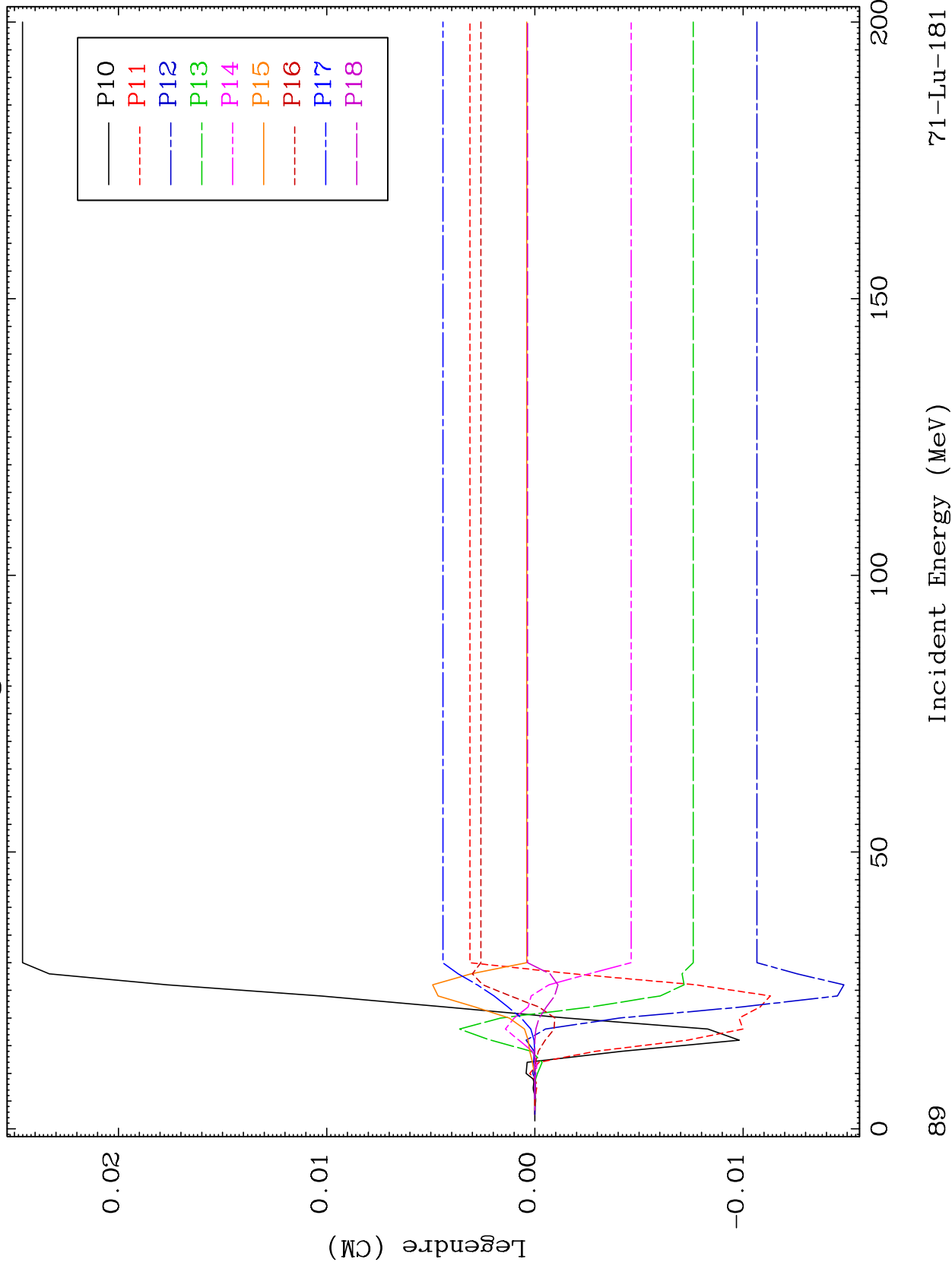
88

71-Lu-181

MAT 7143

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

71-Lu-181



71-Lu-181

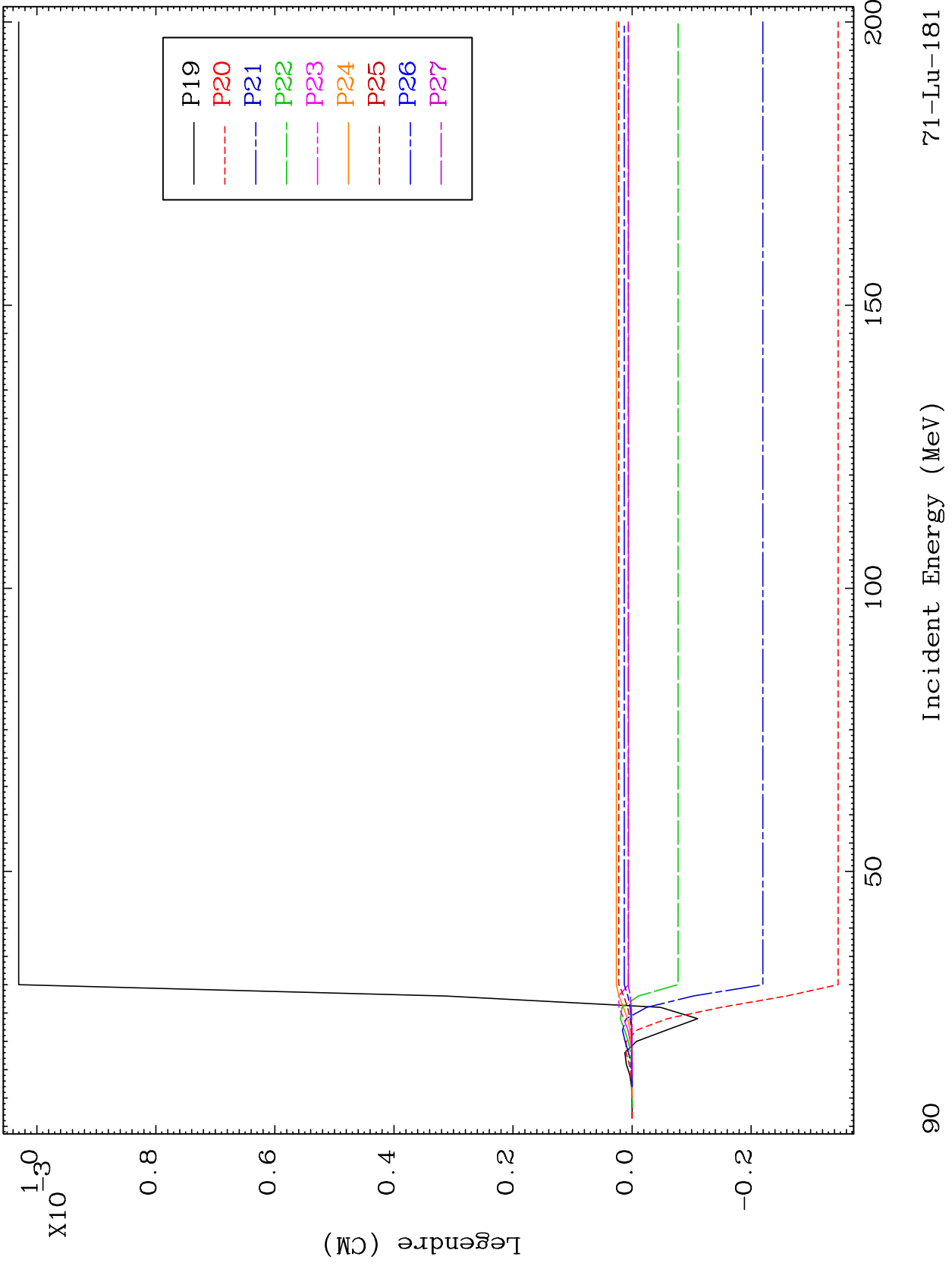
Incident Energy (MeV)

89

MAT 7143

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

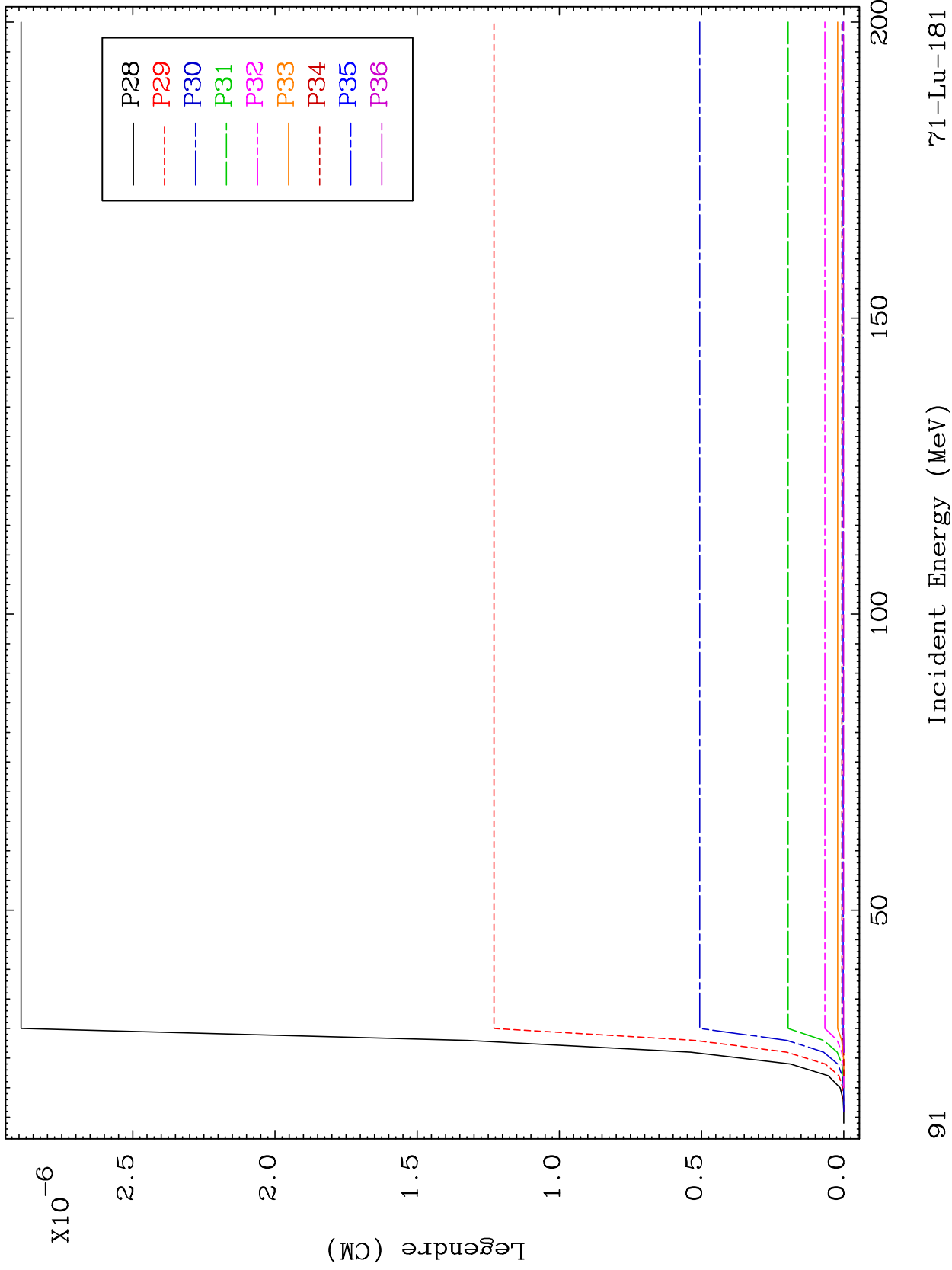
71-Lu-181



MAT 7143

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

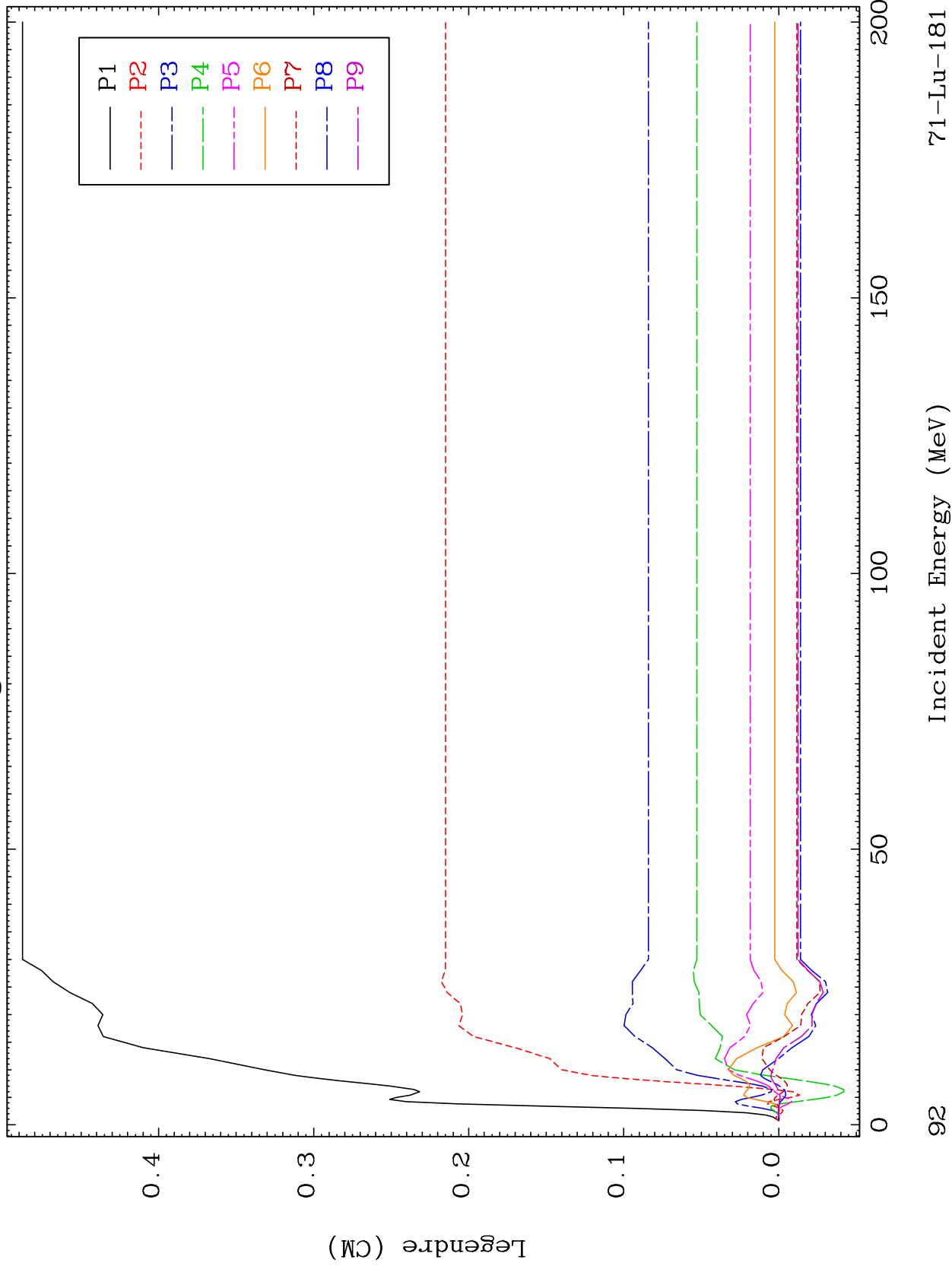
71-Lu-181



MAT 7143

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

71-Lu-181



71-Lu-181

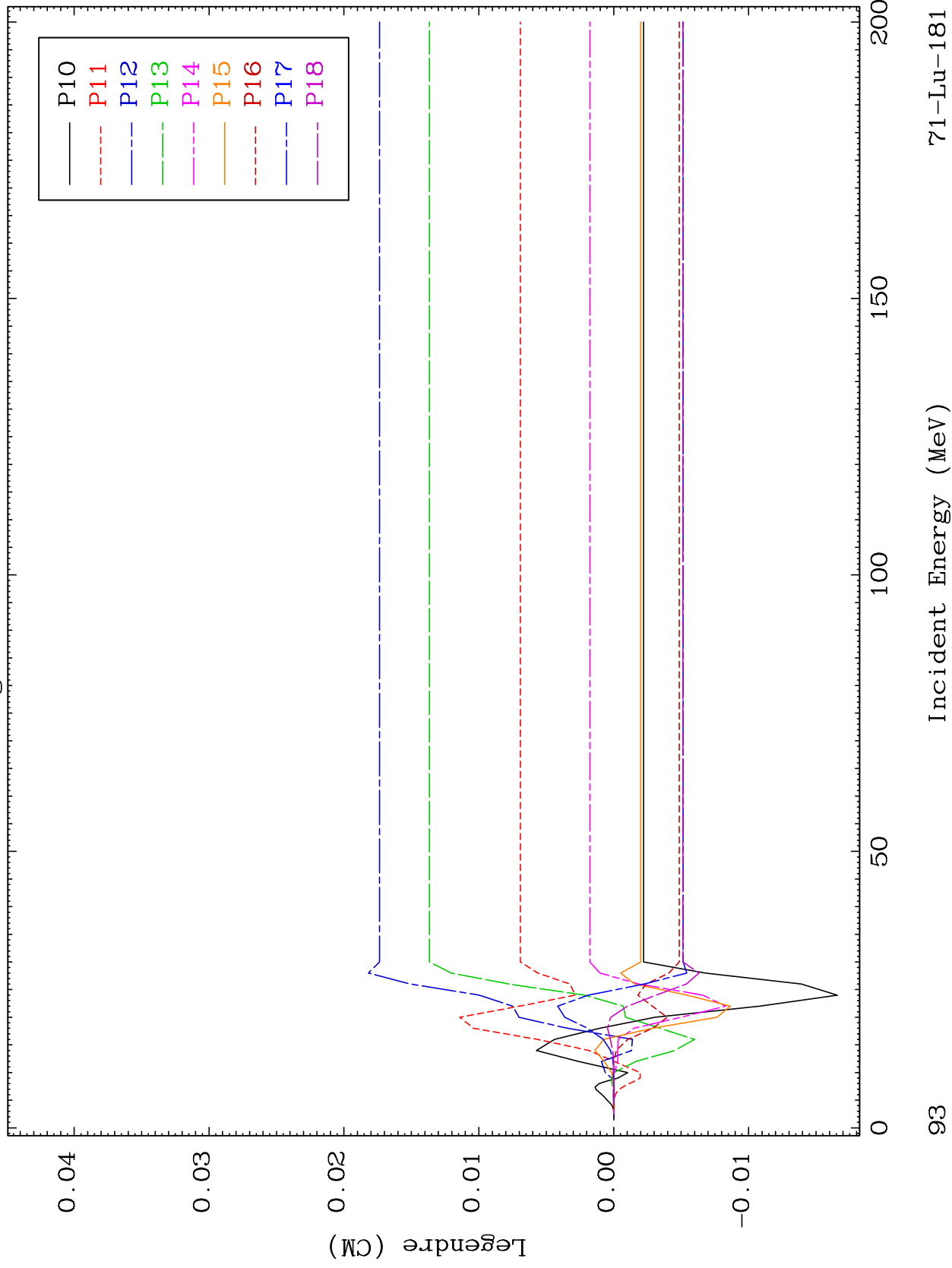
Incident Energy (MeV)

92

MAT 7143

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

71-Lu-181



93

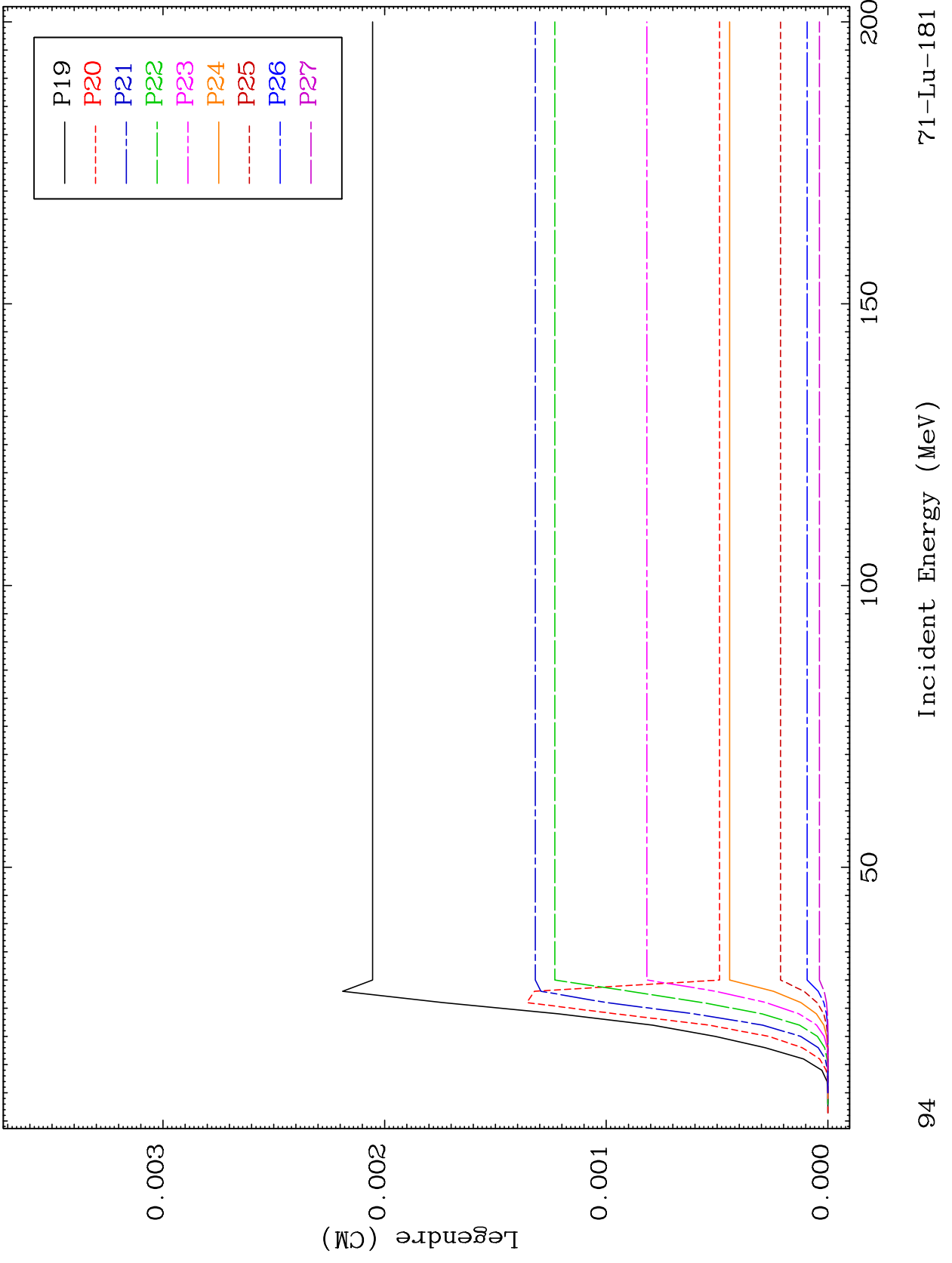
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



94

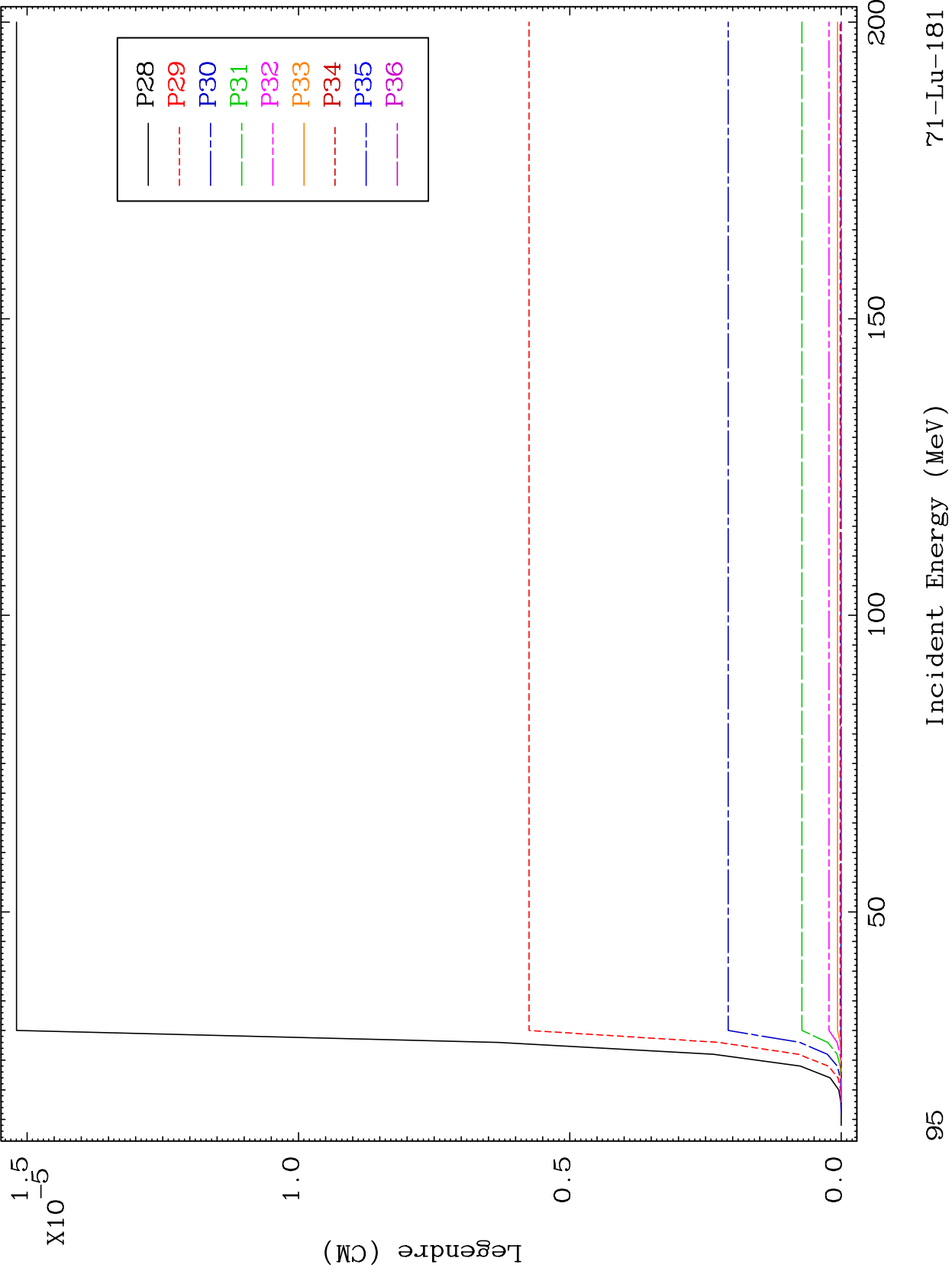
Incident Energy (MeV)

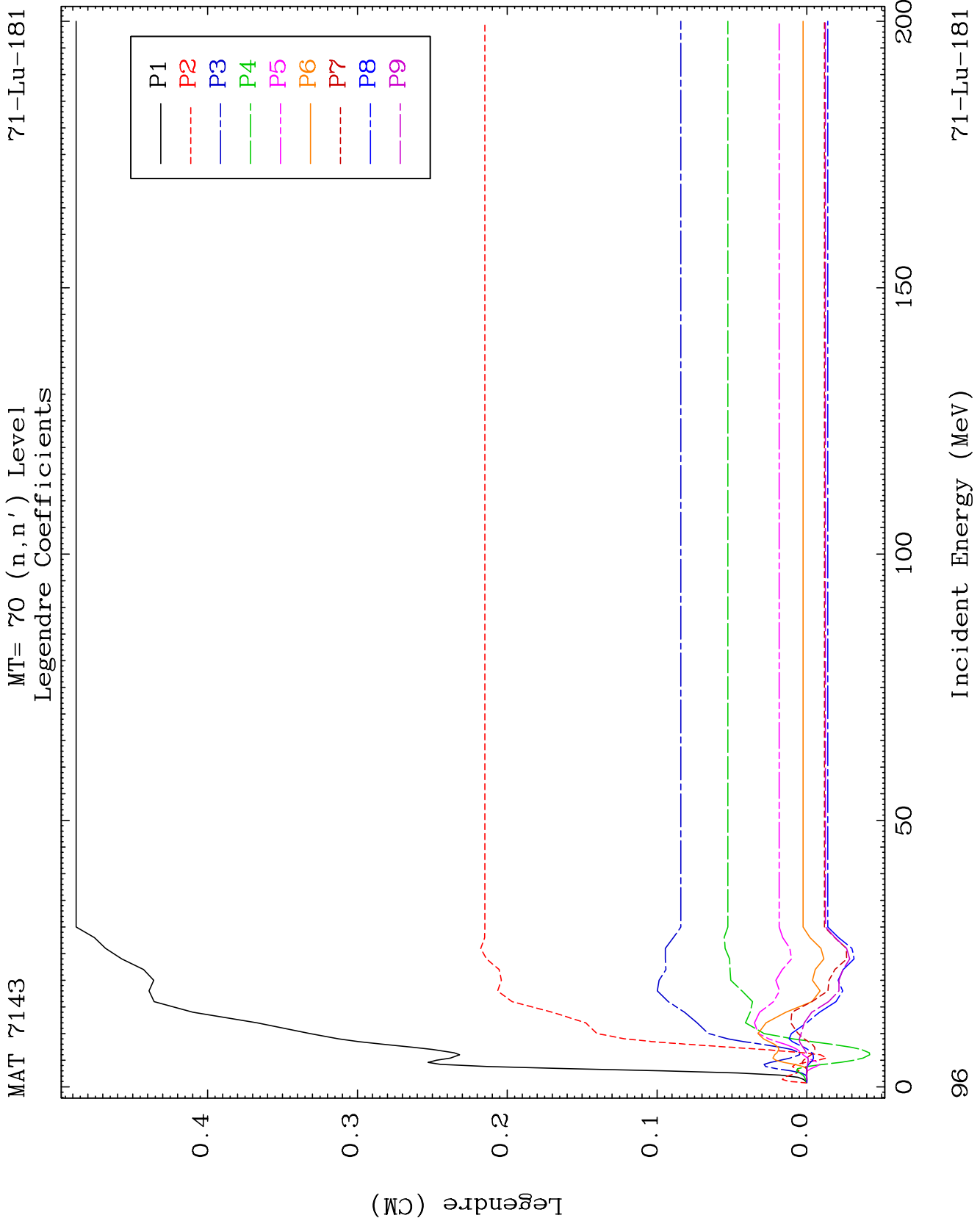
71-Lu-181

MAT 7143

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

71-Lu-181

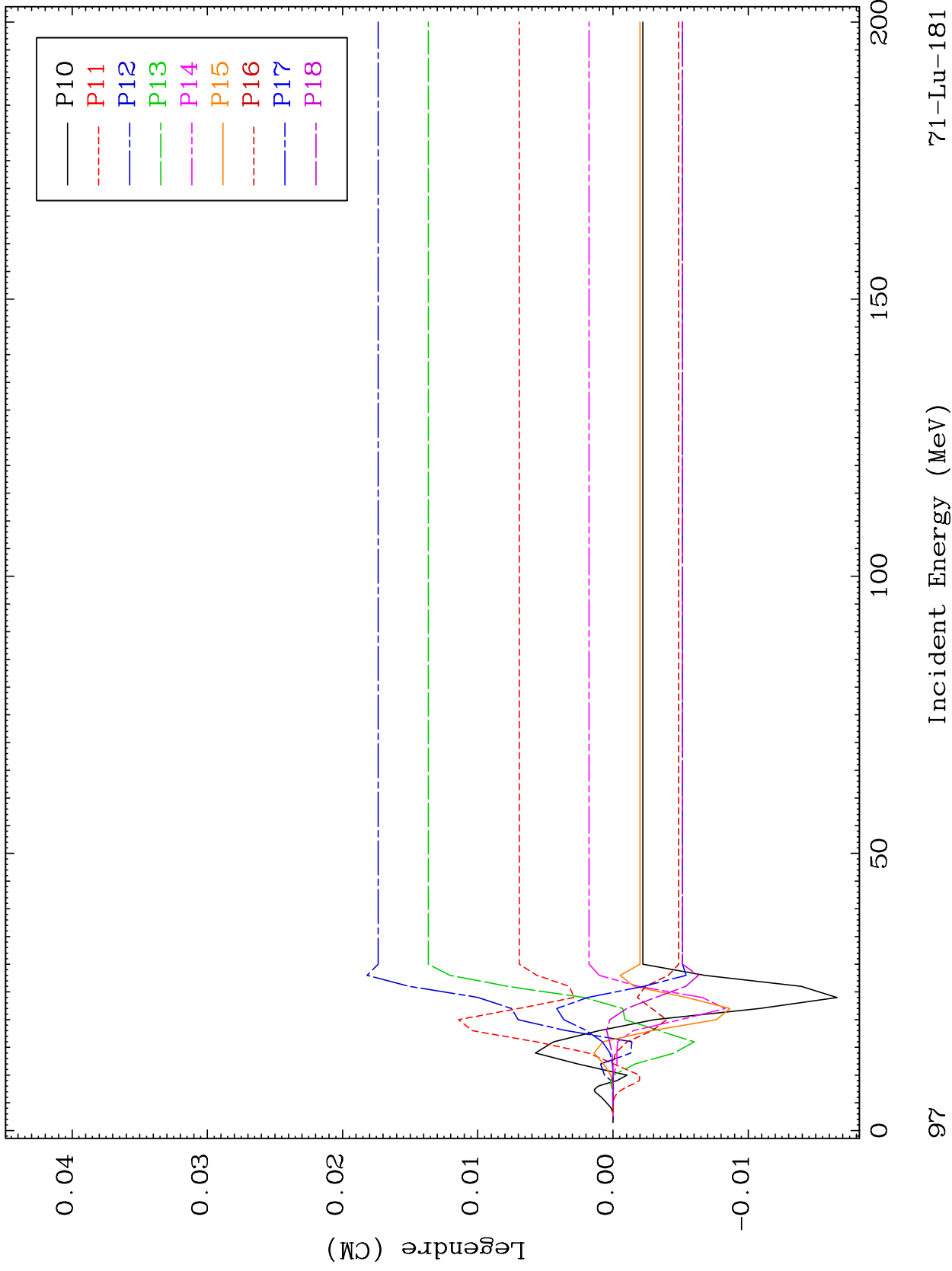




MAT 7143

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

71-Lu-181



97

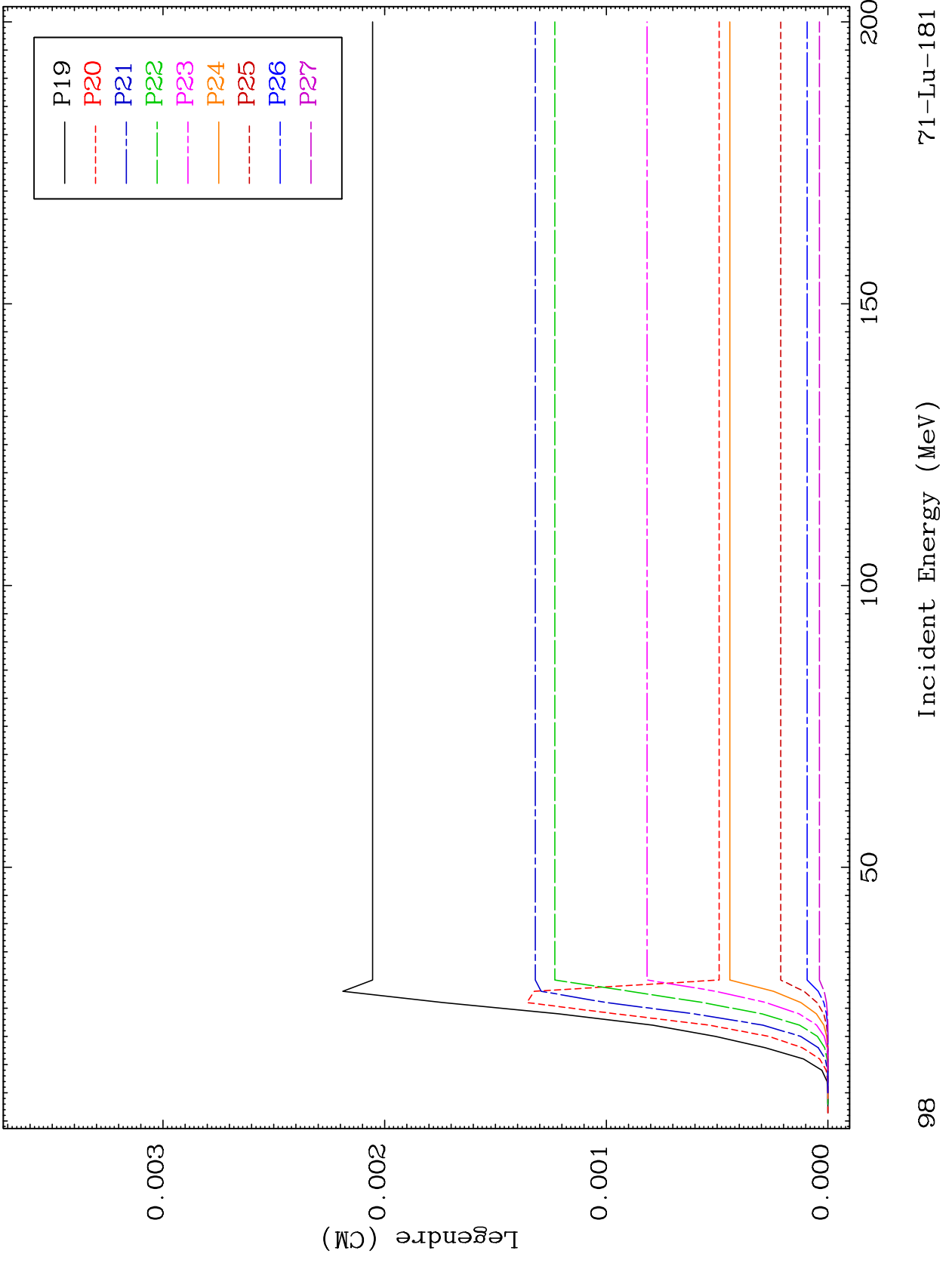
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



98

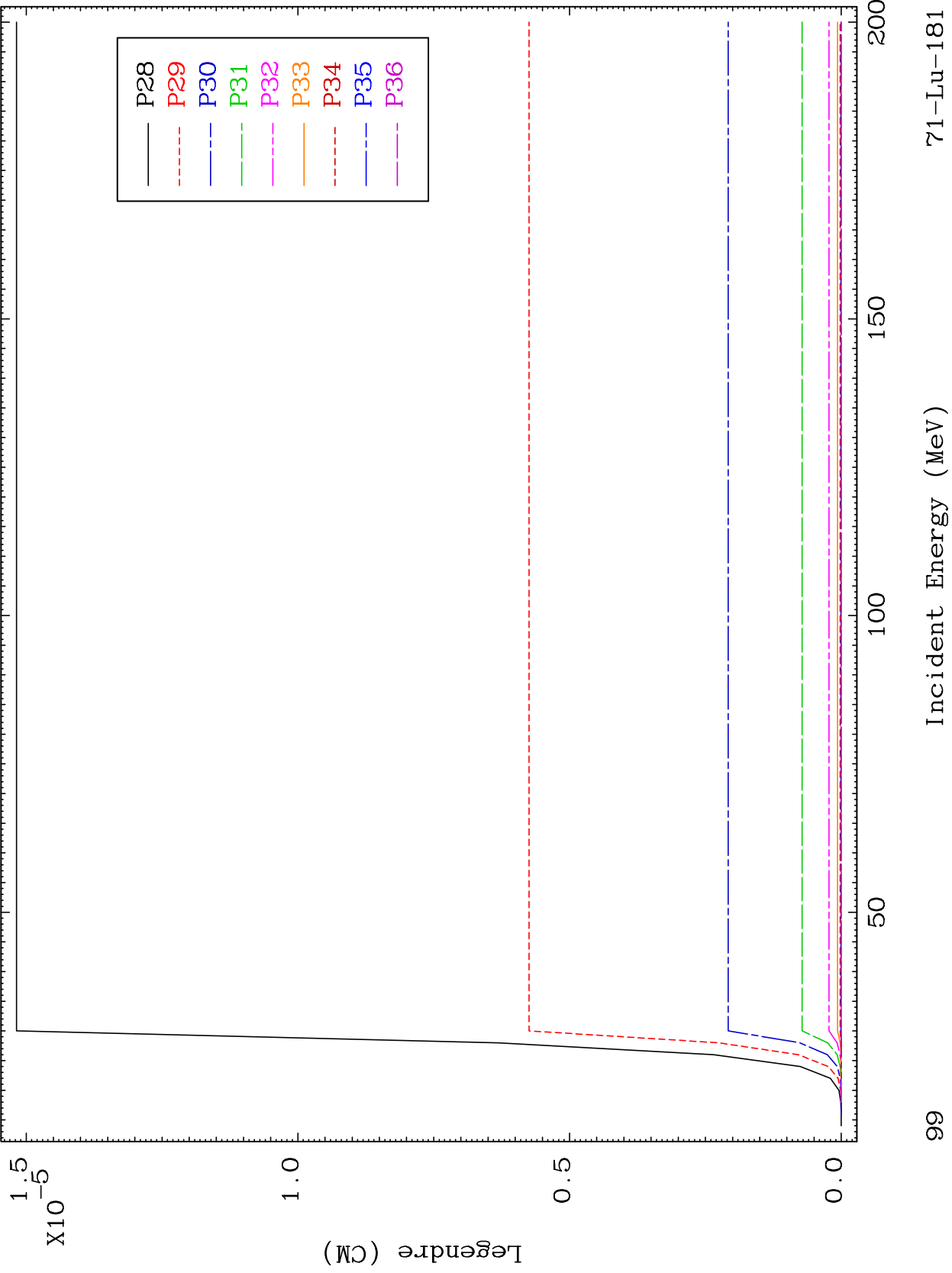
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

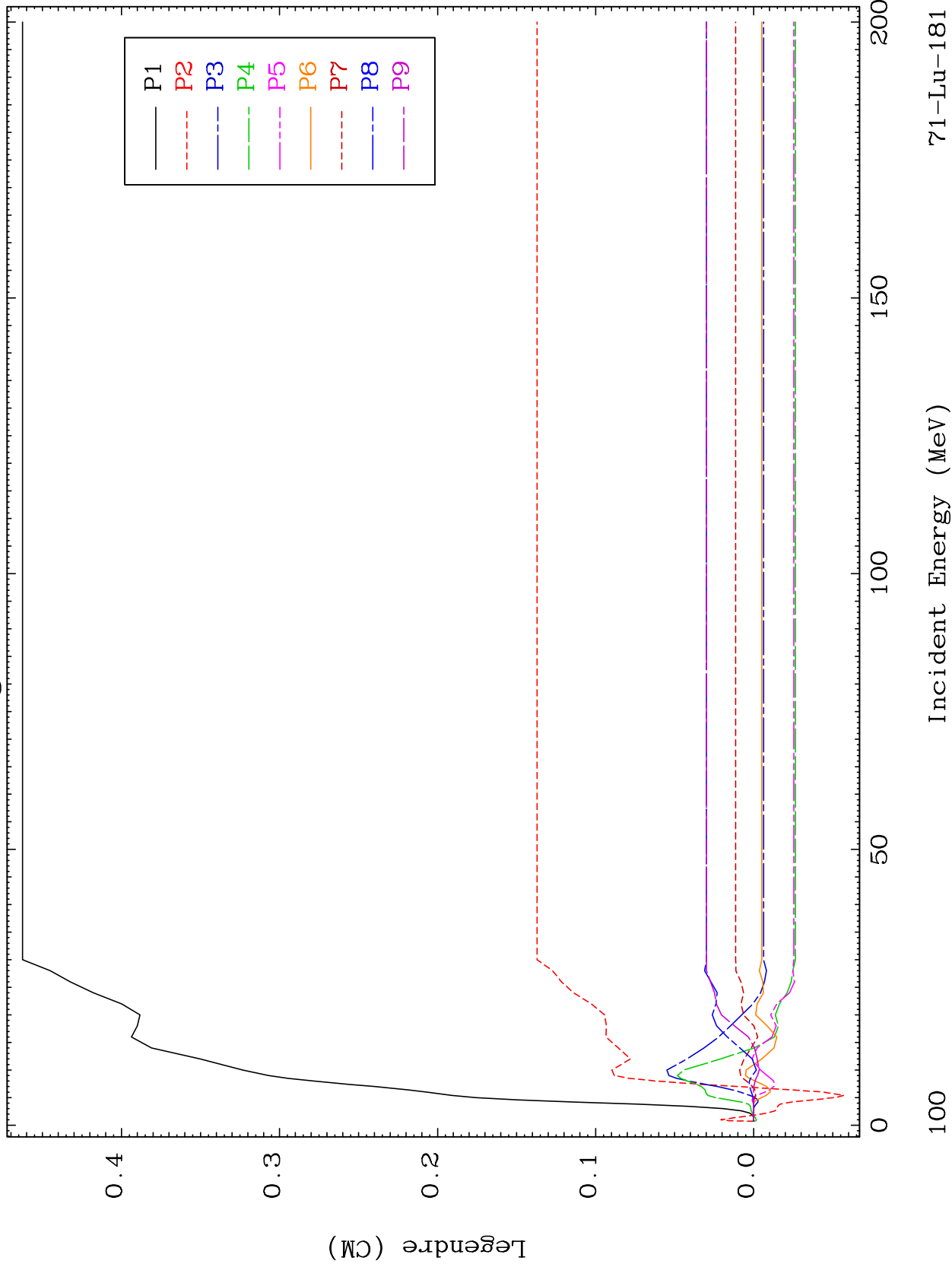
71-Lu-181



MAT 7143

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

71-Lu-181

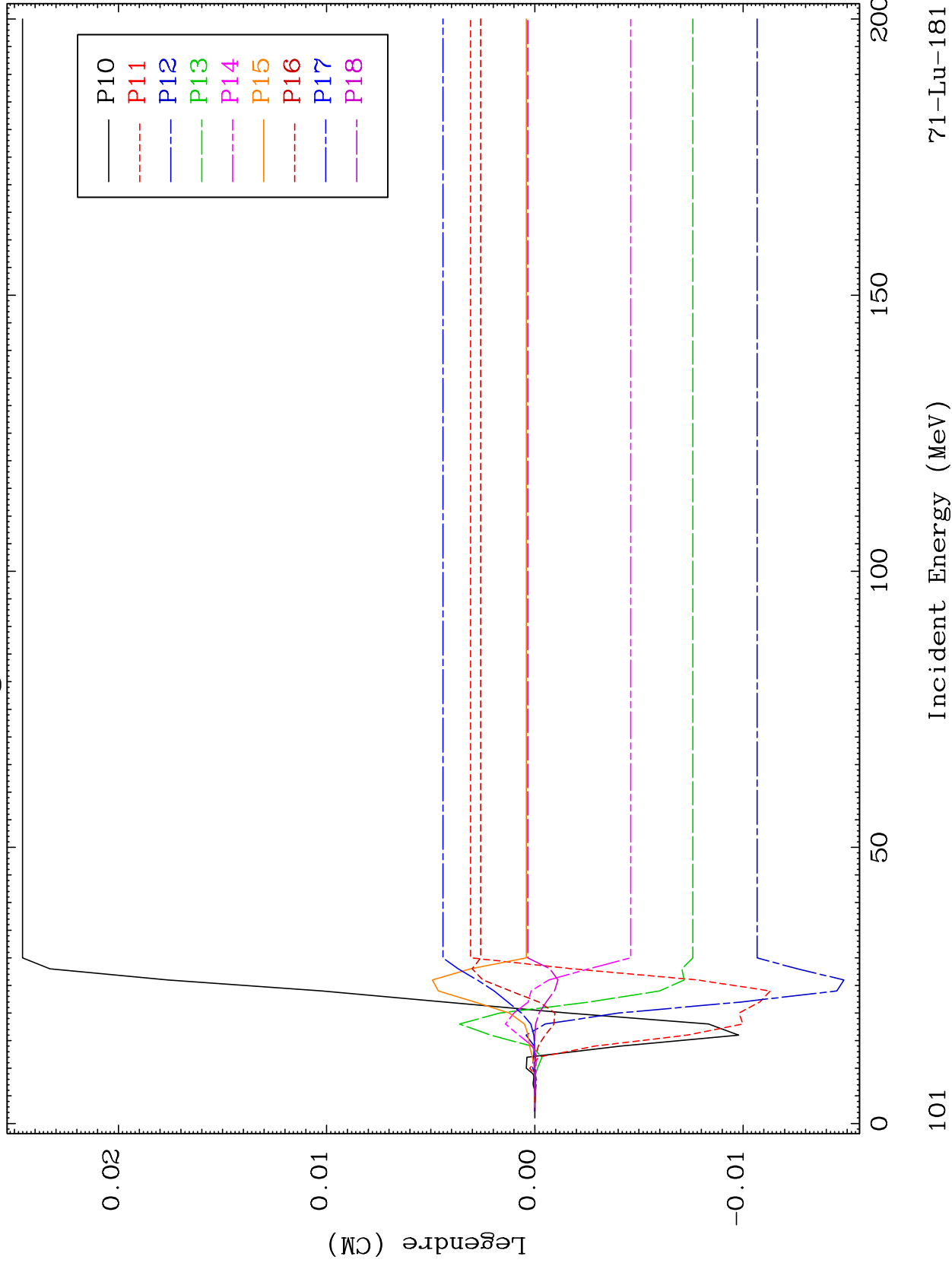


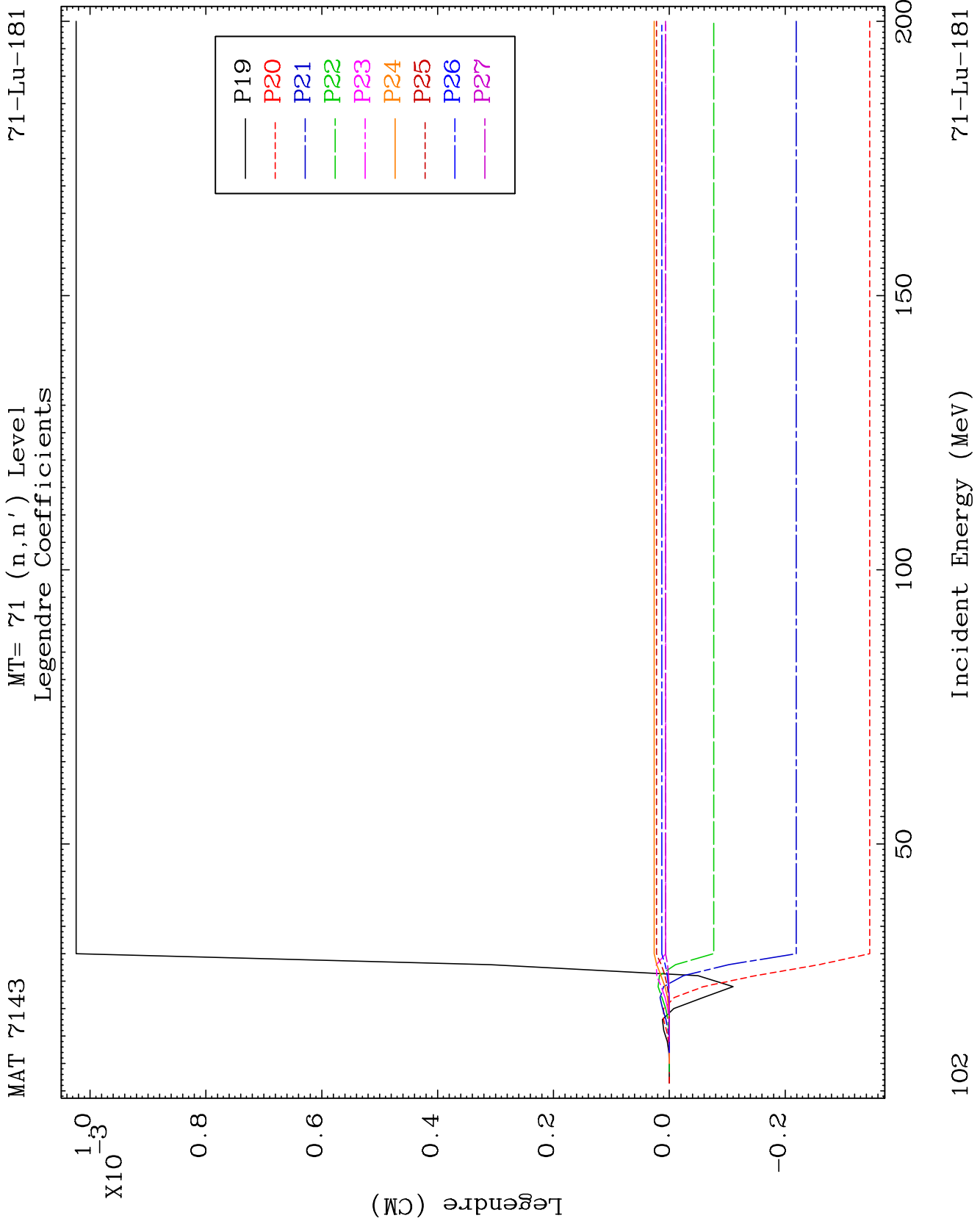
71-Lu-181

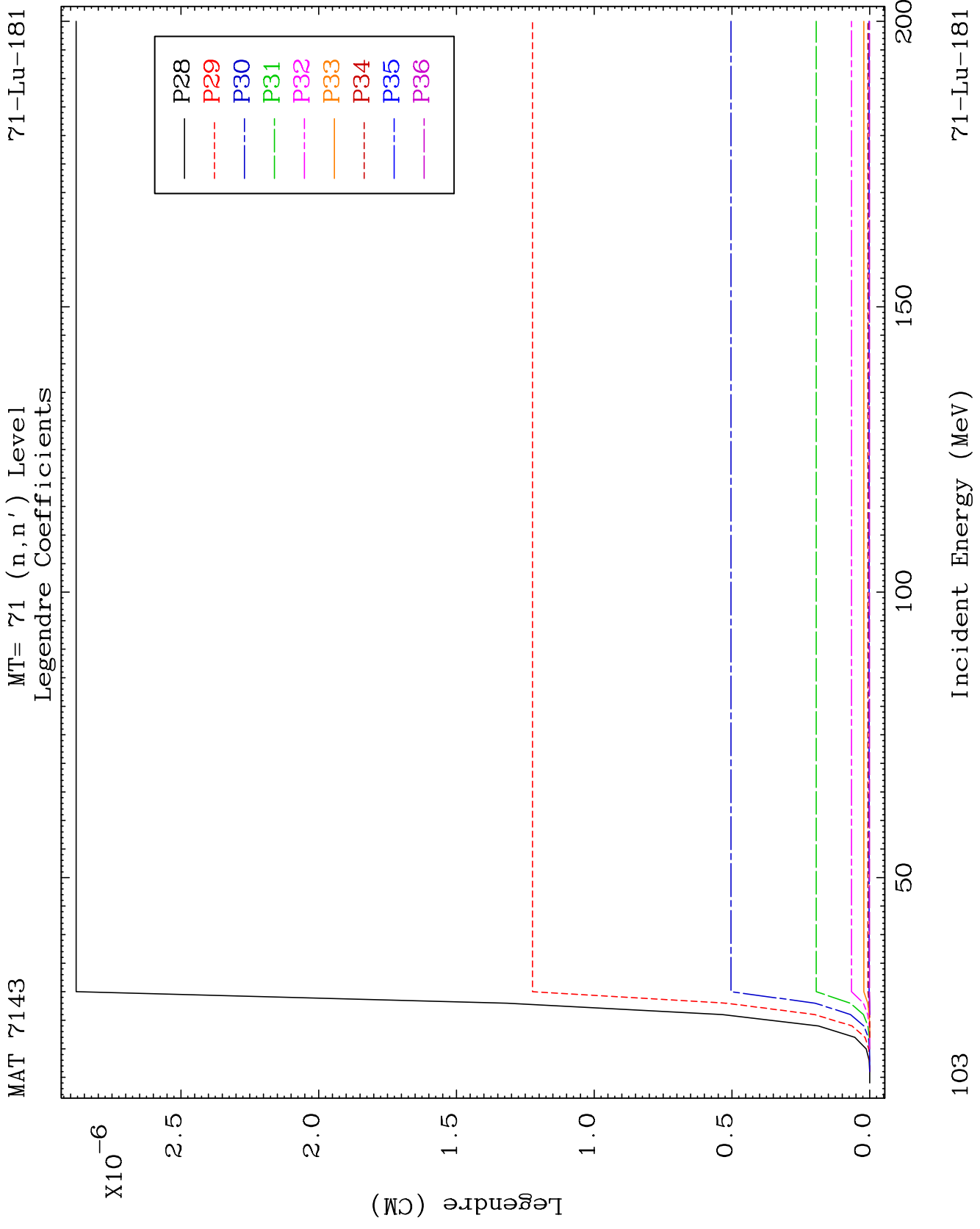
MAT 7143

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

71-Lu-181



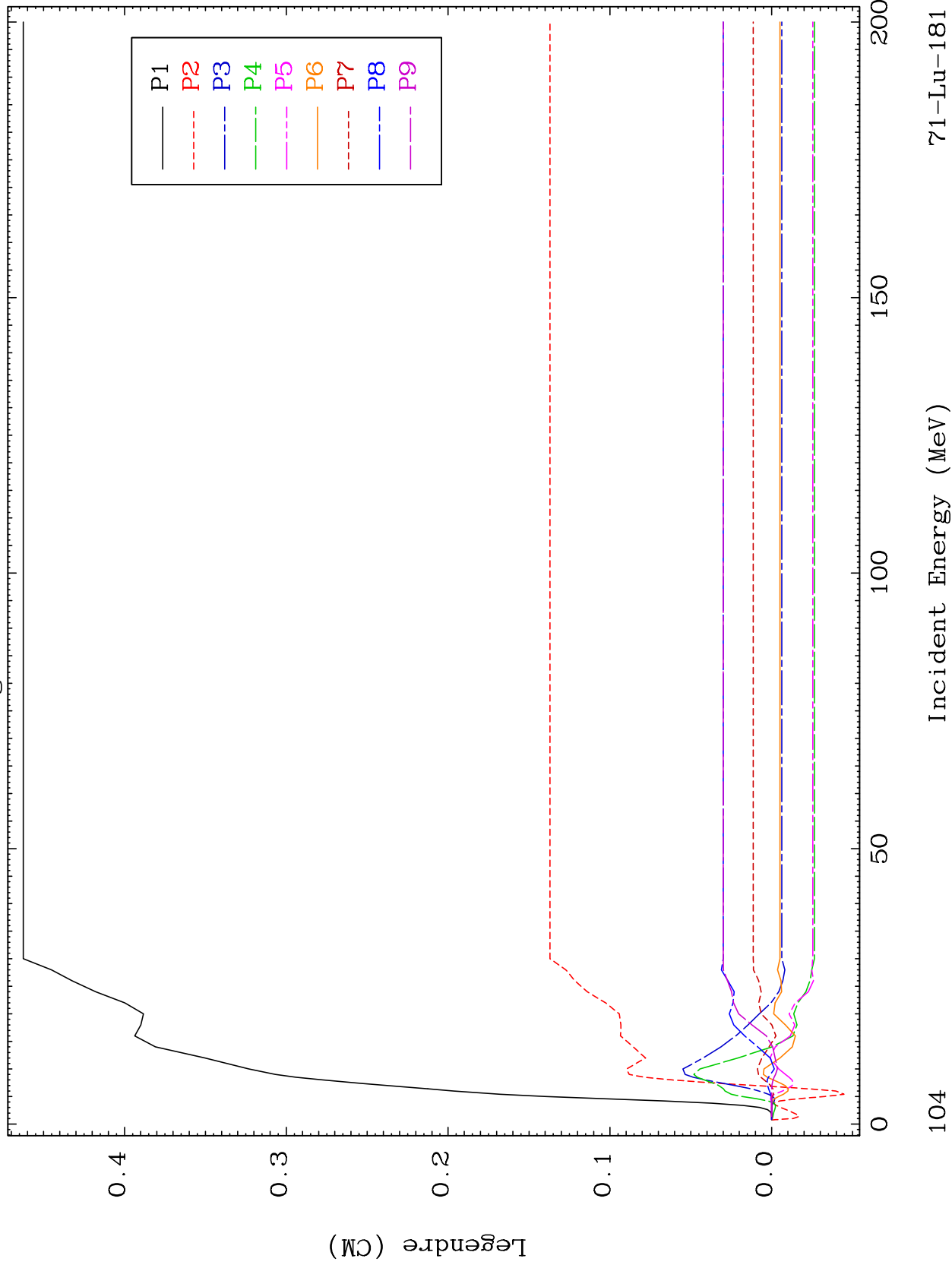




MAT 7143

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

71-Lu-181



71-Lu-181

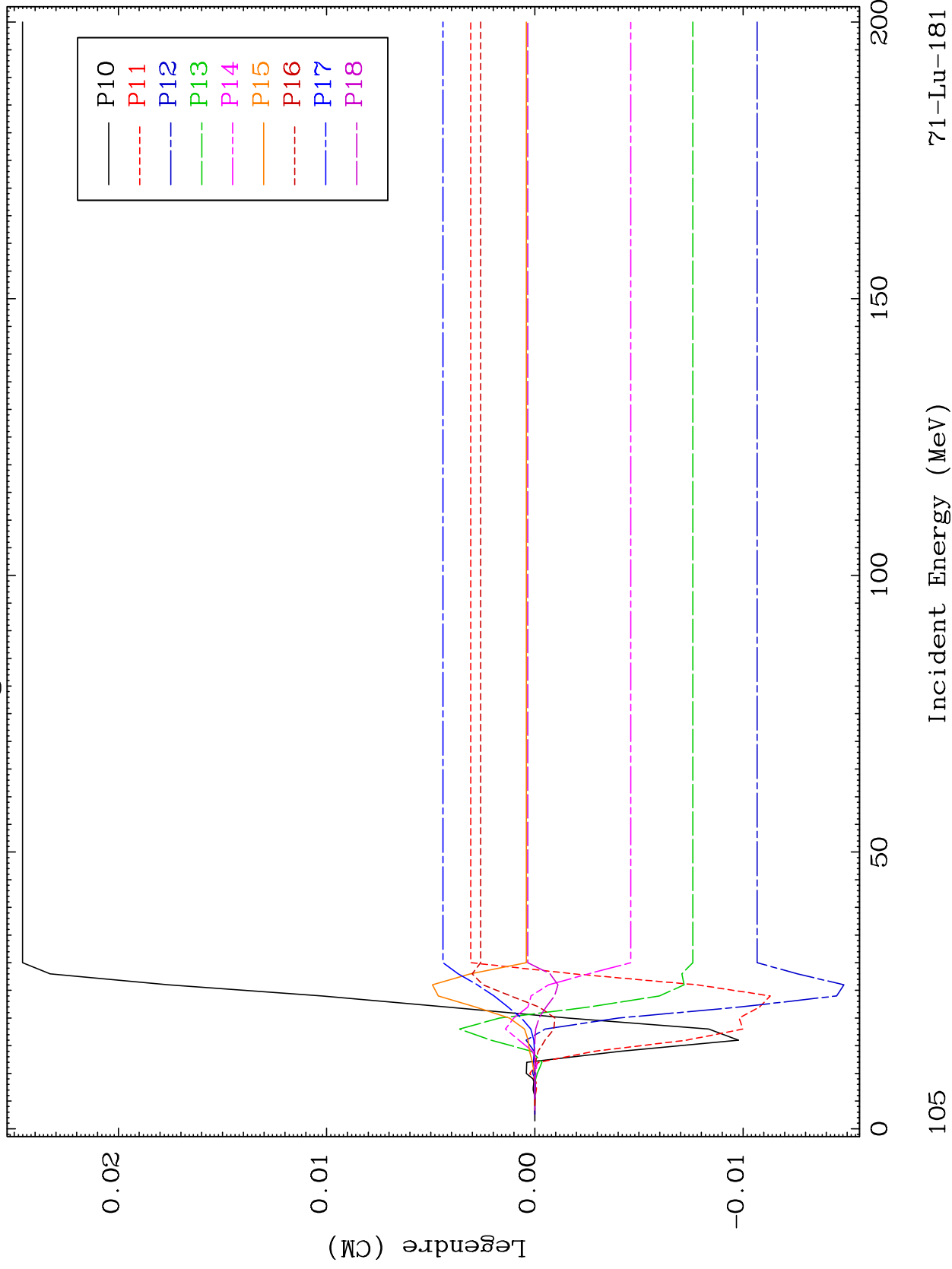
Incident Energy (MeV)

104

MAT 7143

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

71-Lu-181



71-Lu-181

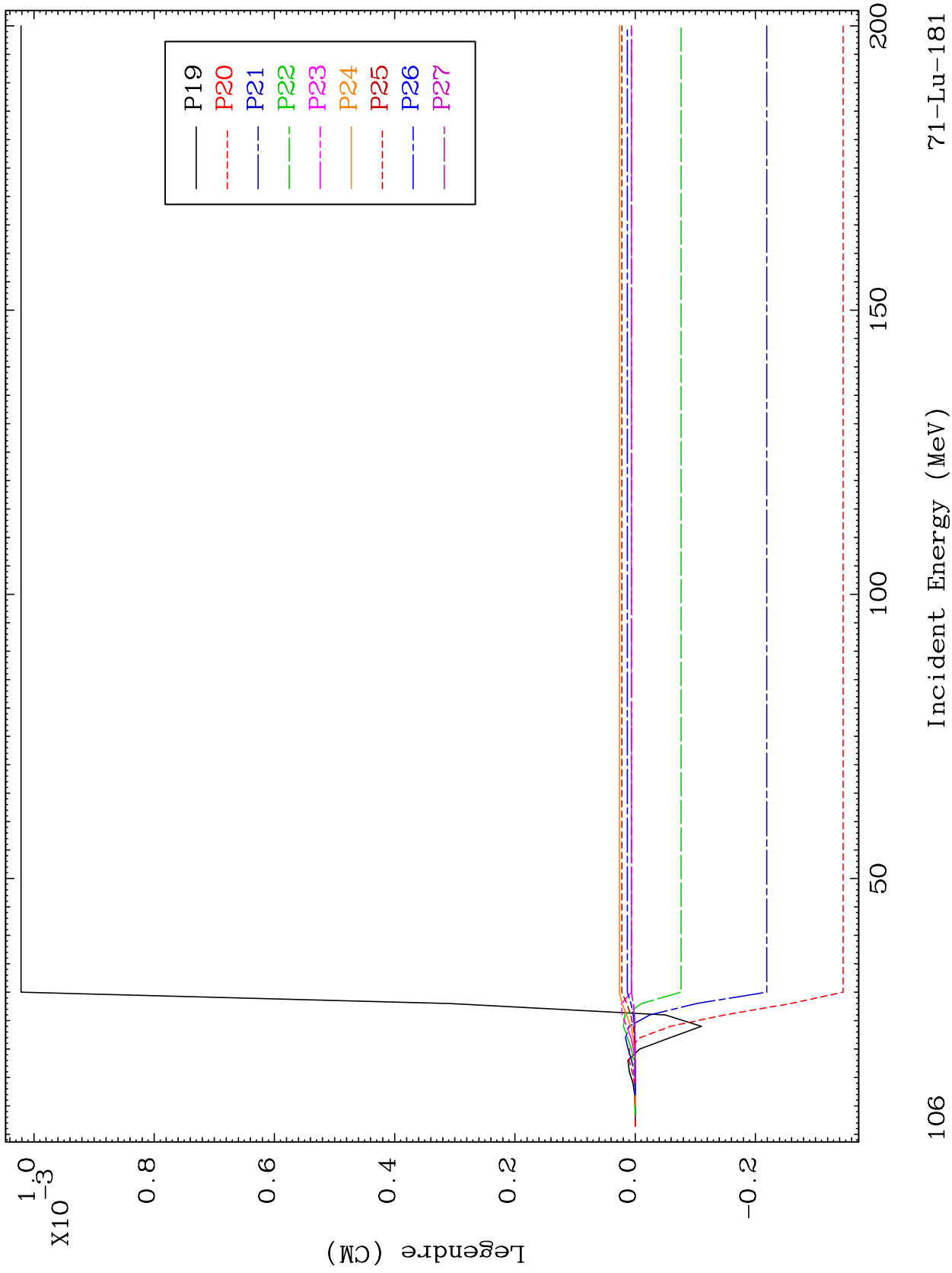
Incident Energy (MeV)

105

MAT 7143

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

71-Lu-181



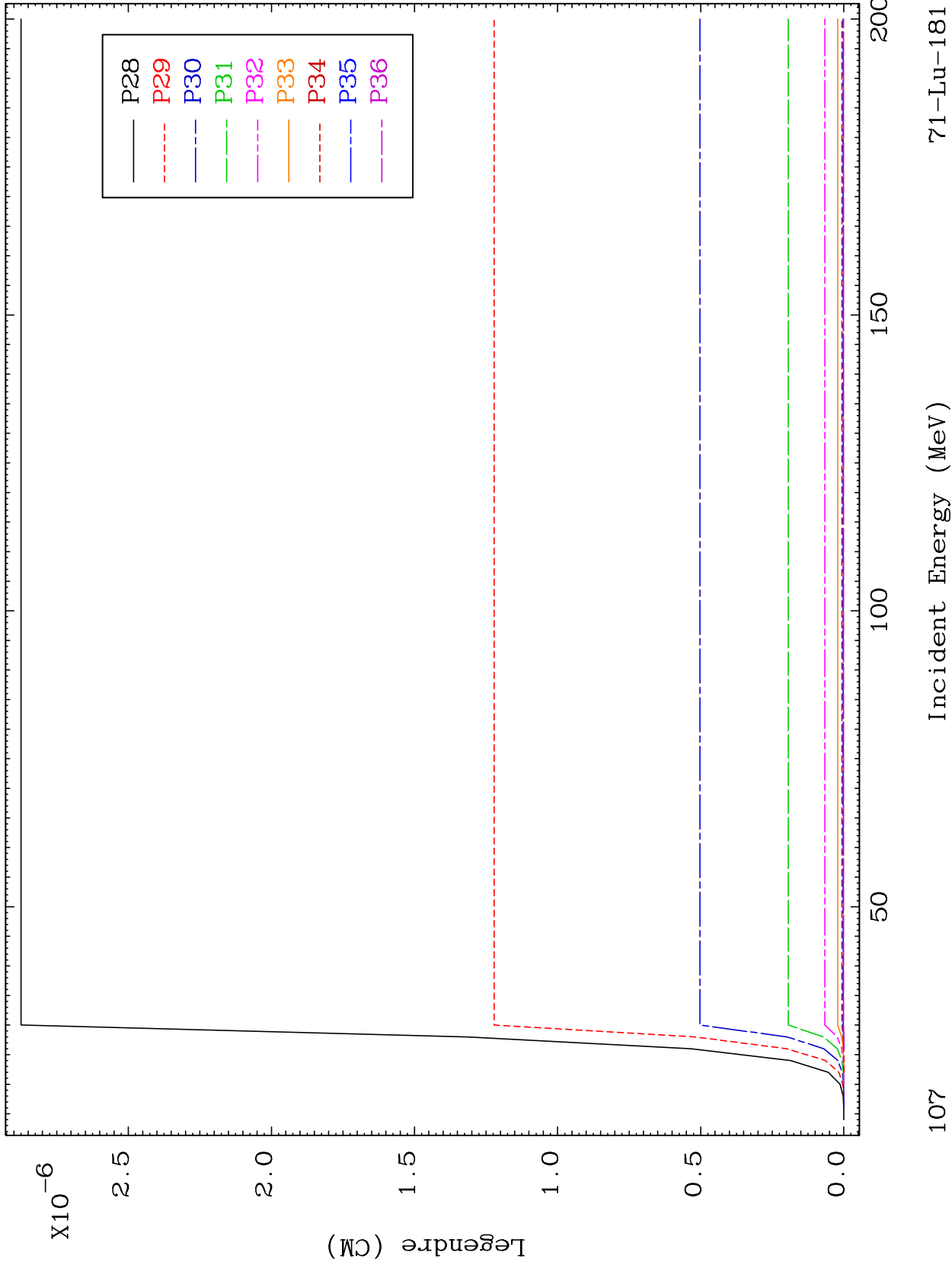
106

71-Lu-181

MAT 7143

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

71-Lu-181



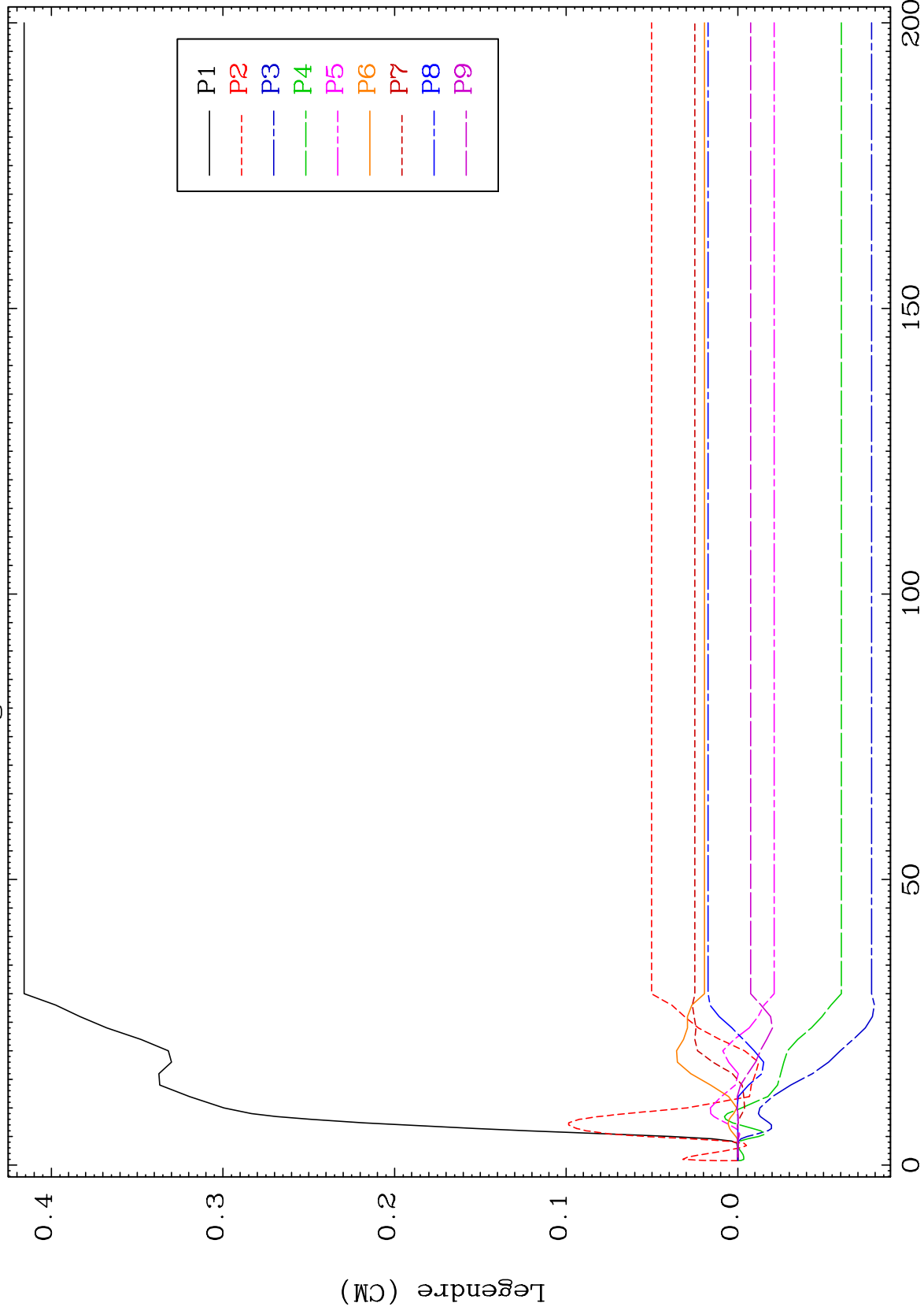
107

71-Lu-181

MAT 7143

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

71-Lu-181



108

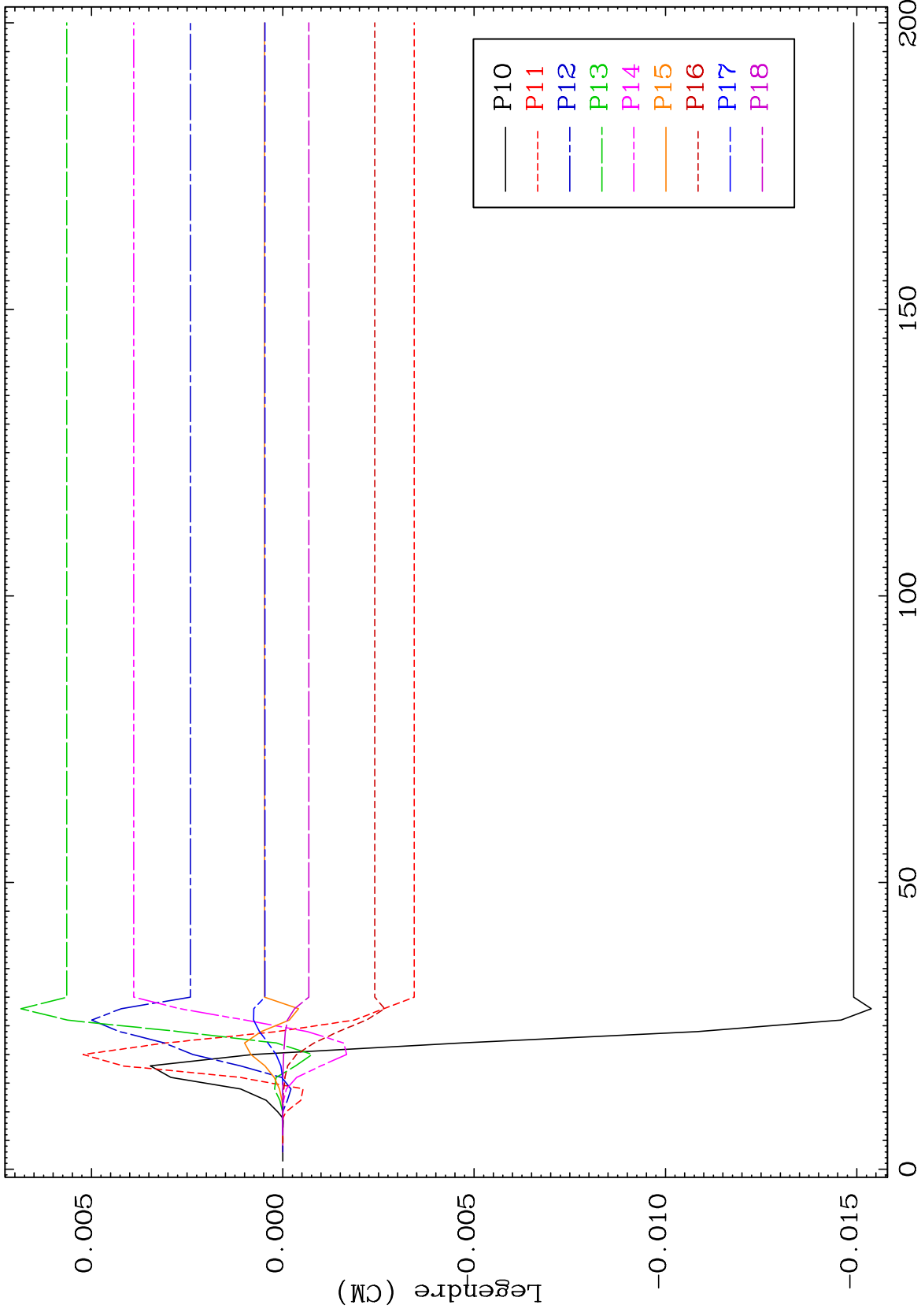
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



109

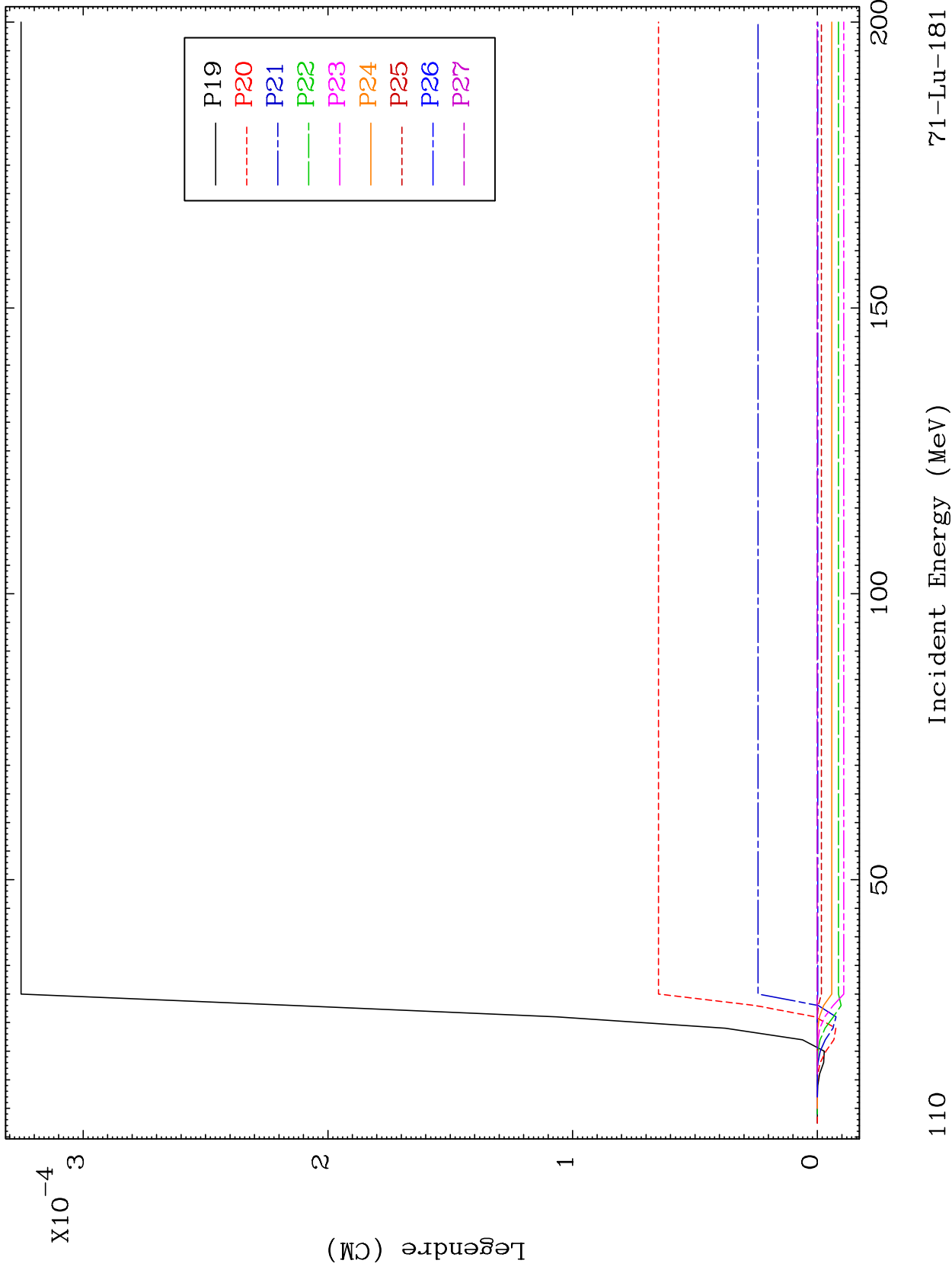
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

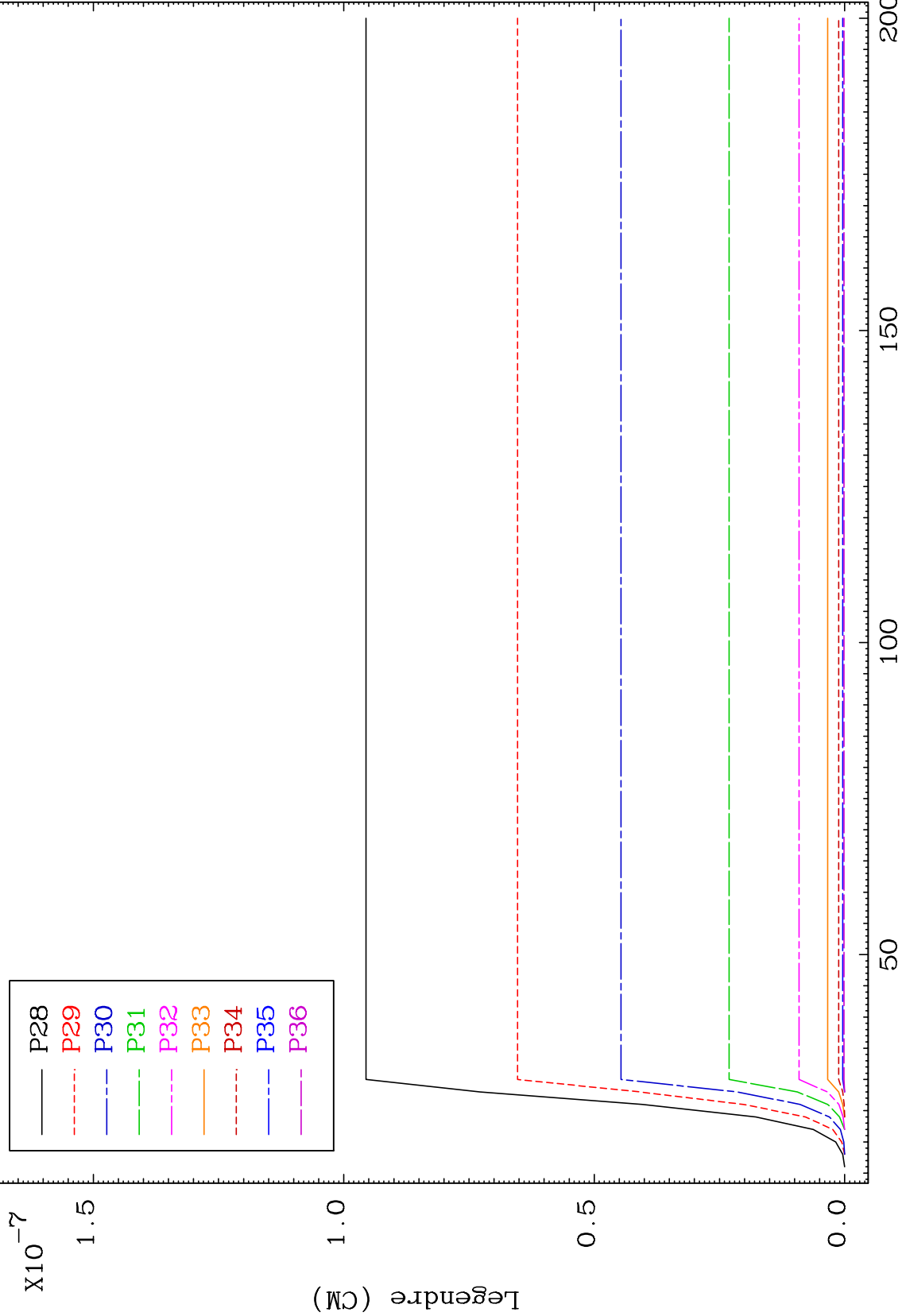
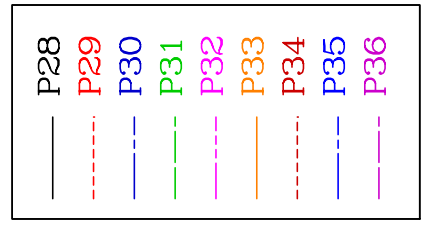
71-Lu-181



MAT 7143

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

71-Lu-181



111

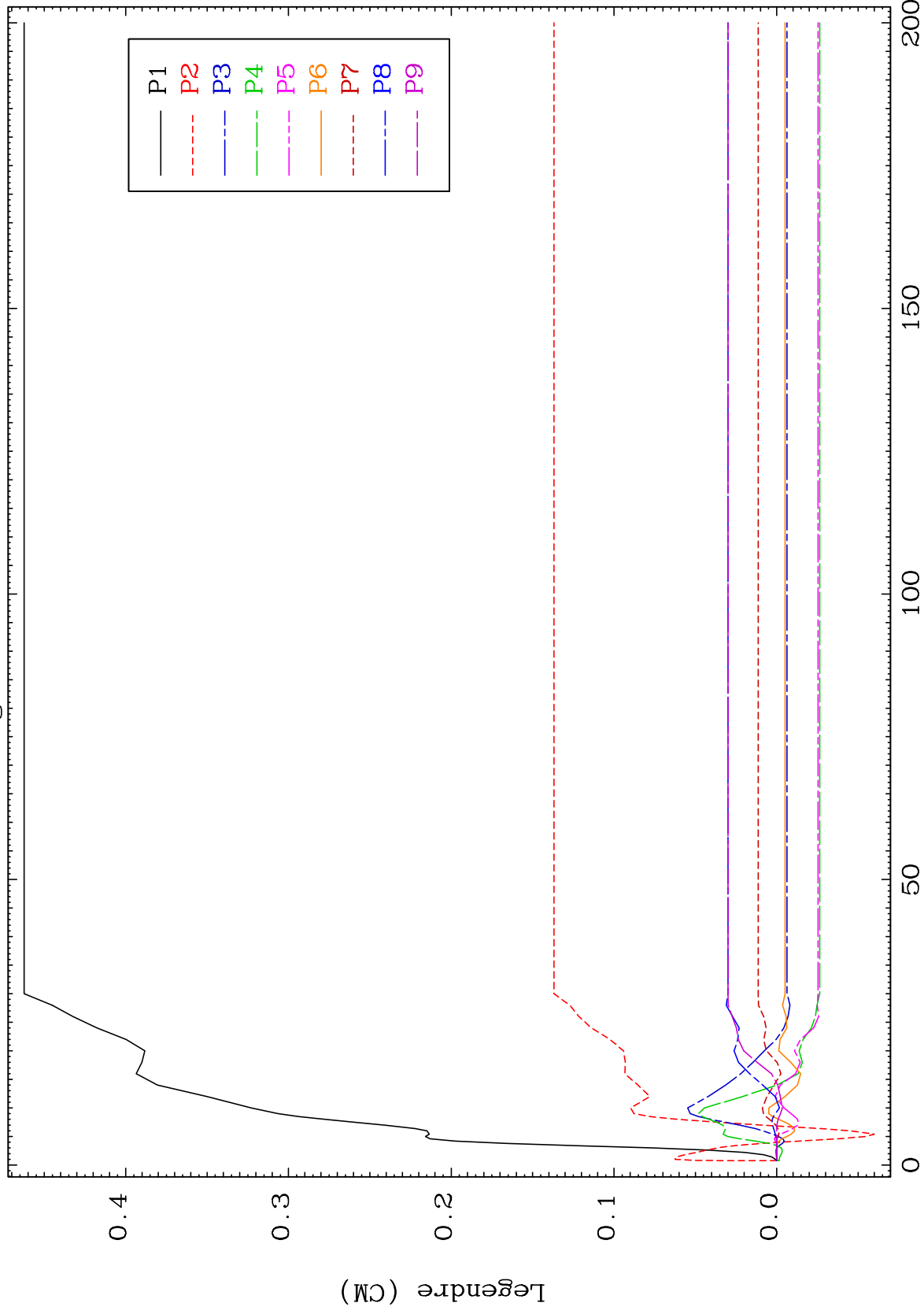
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



112

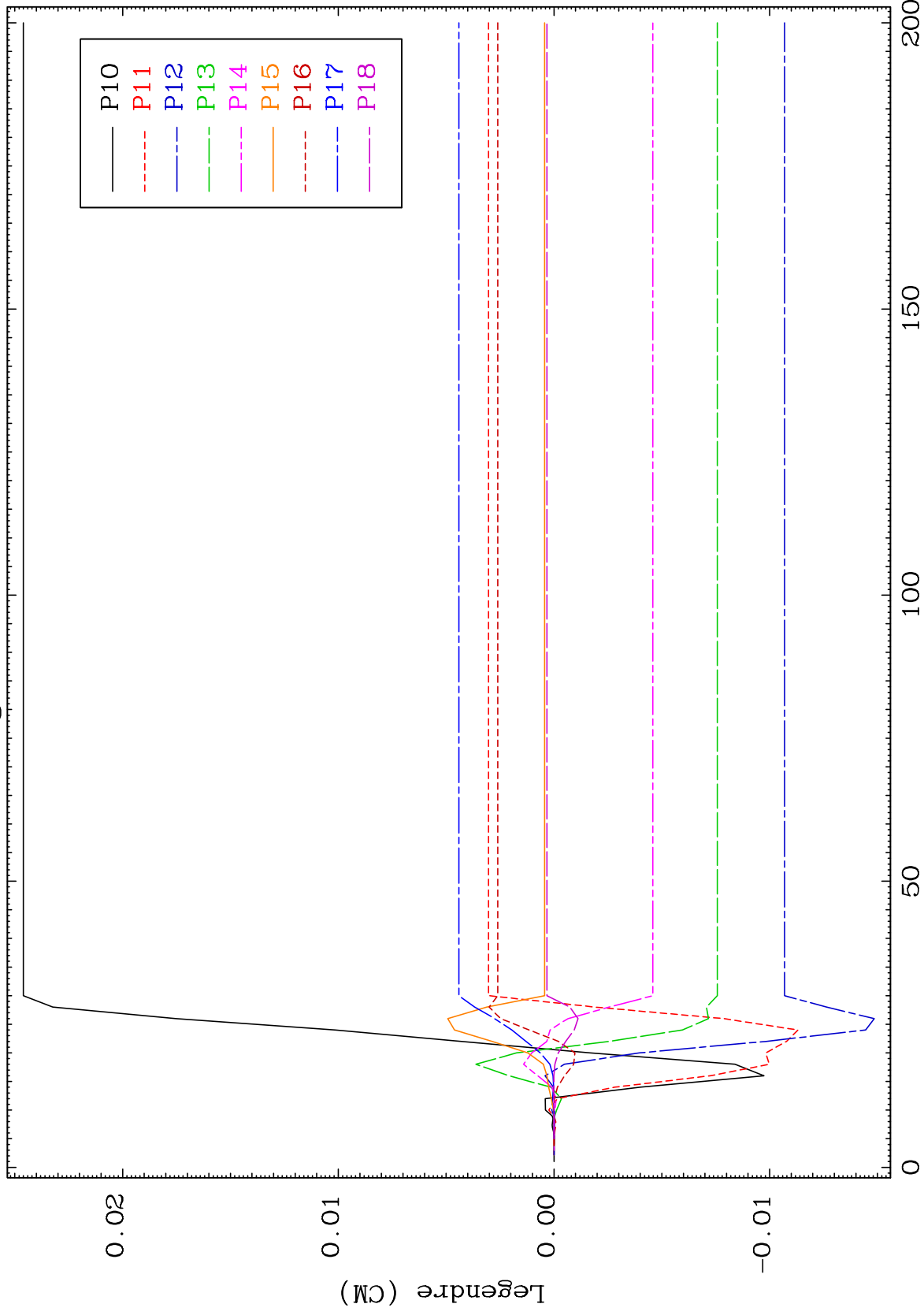
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



113

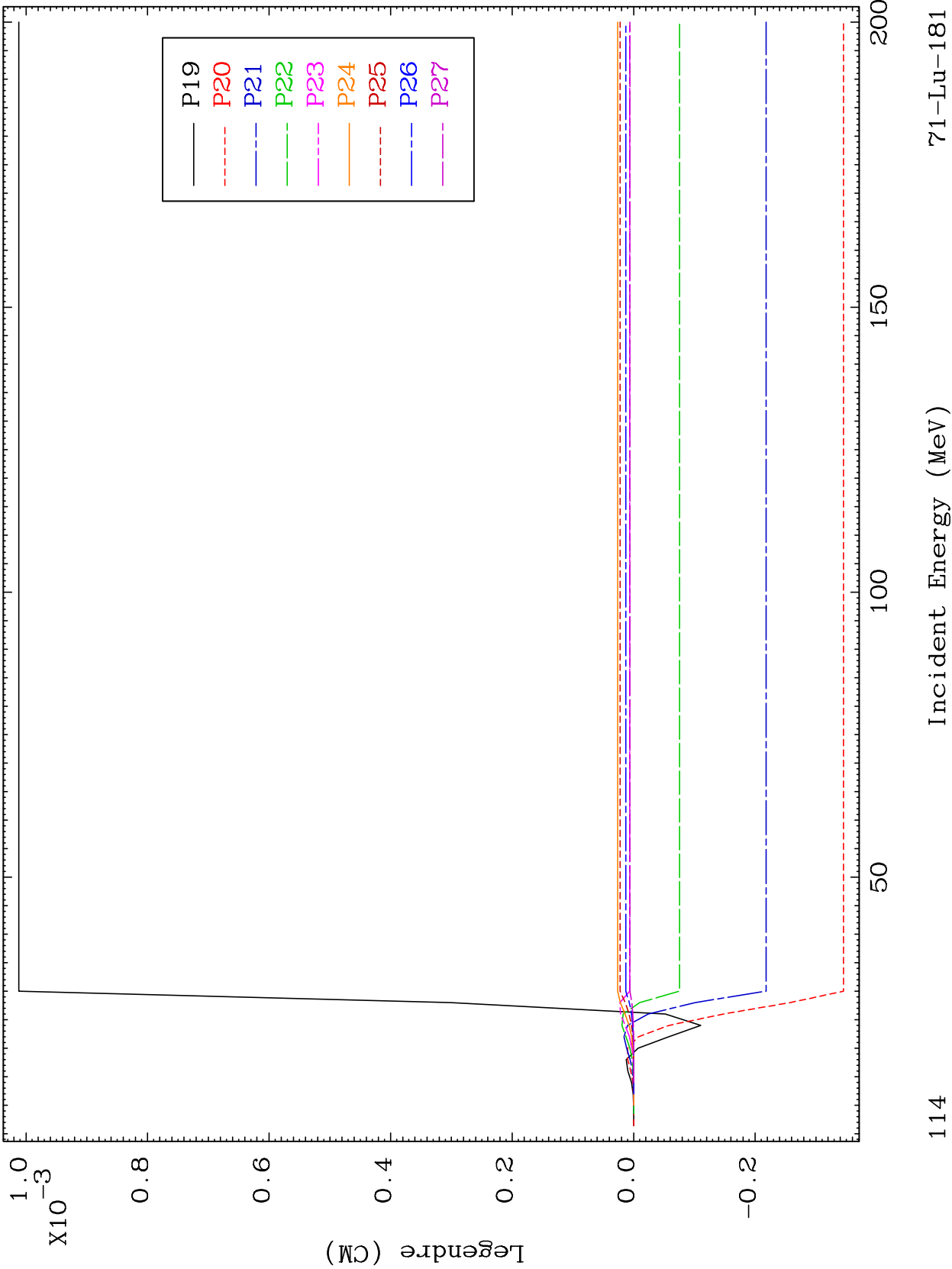
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



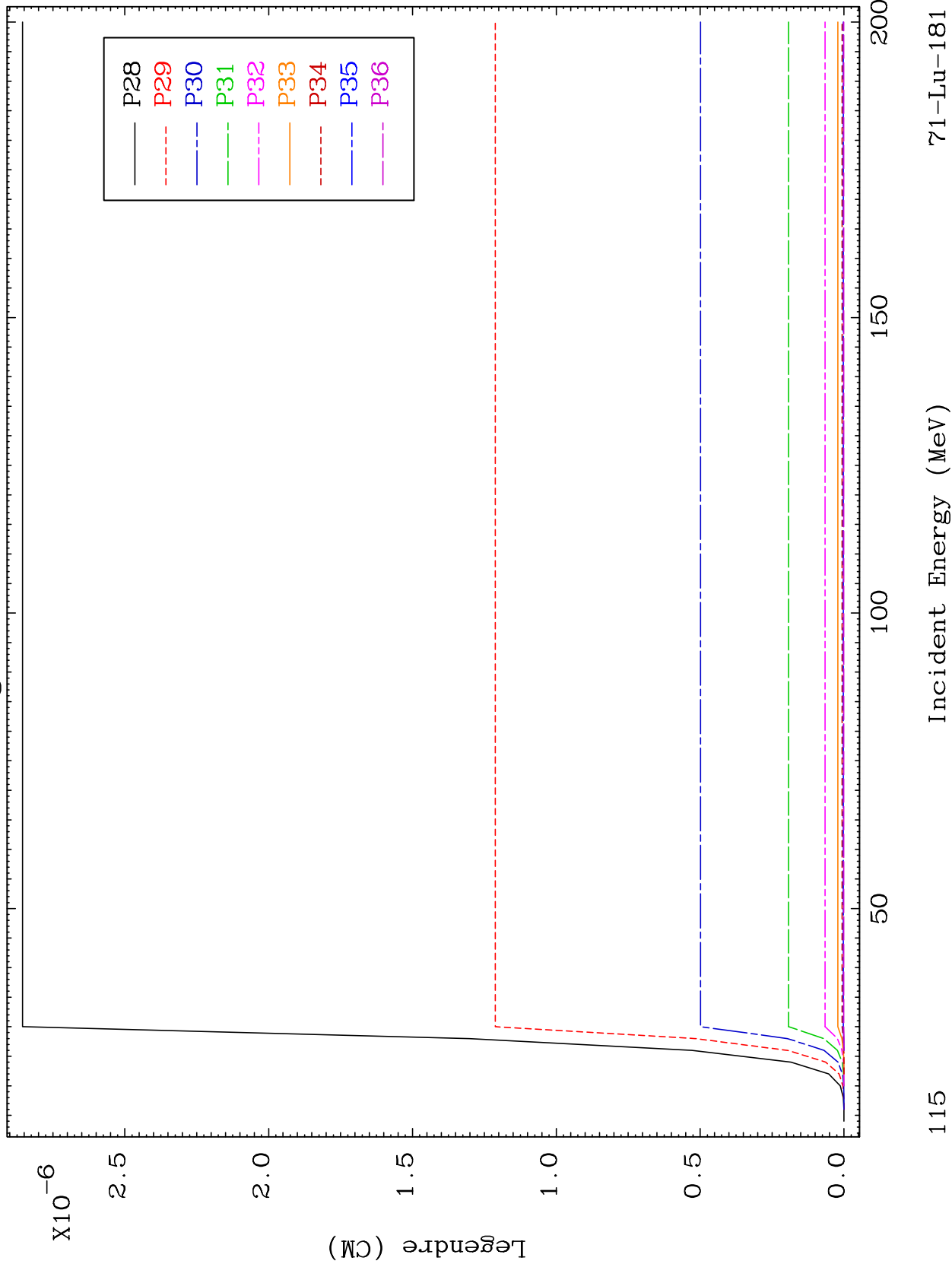
114

71-Lu-181

MAT 7143

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

71-Lu-181



115

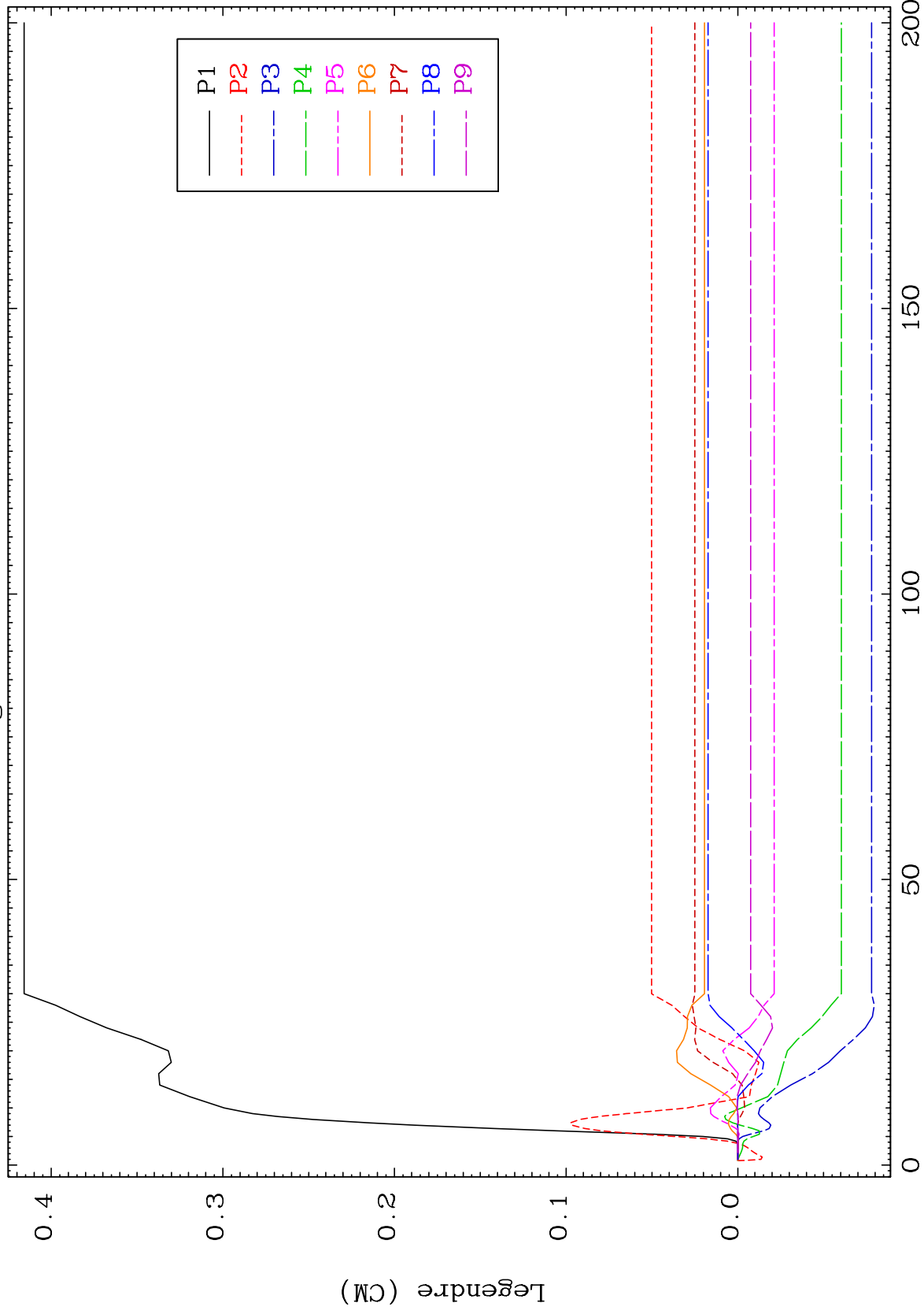
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



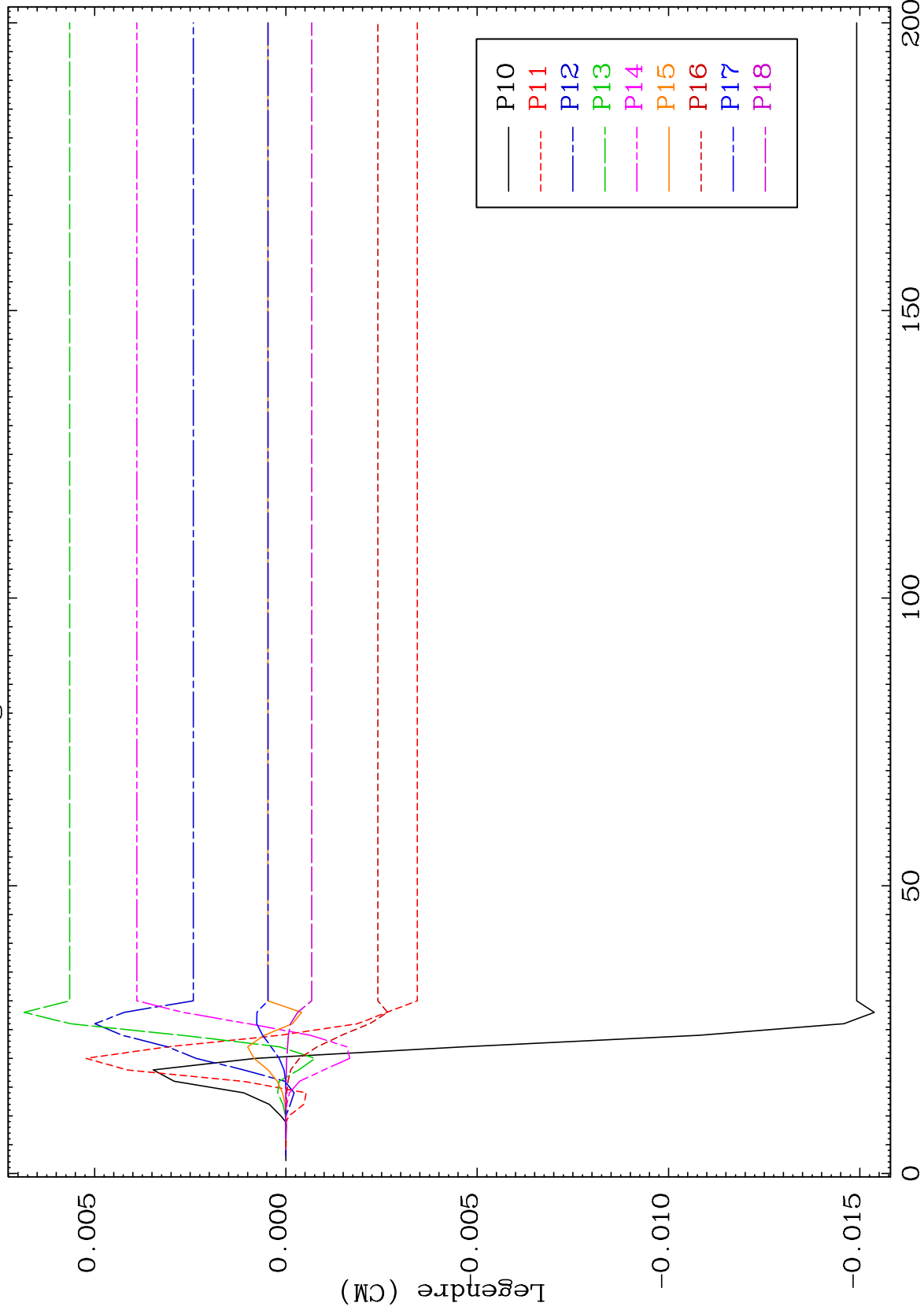
116

71-Lu-181

MAT 7143

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

71-Lu-181



117

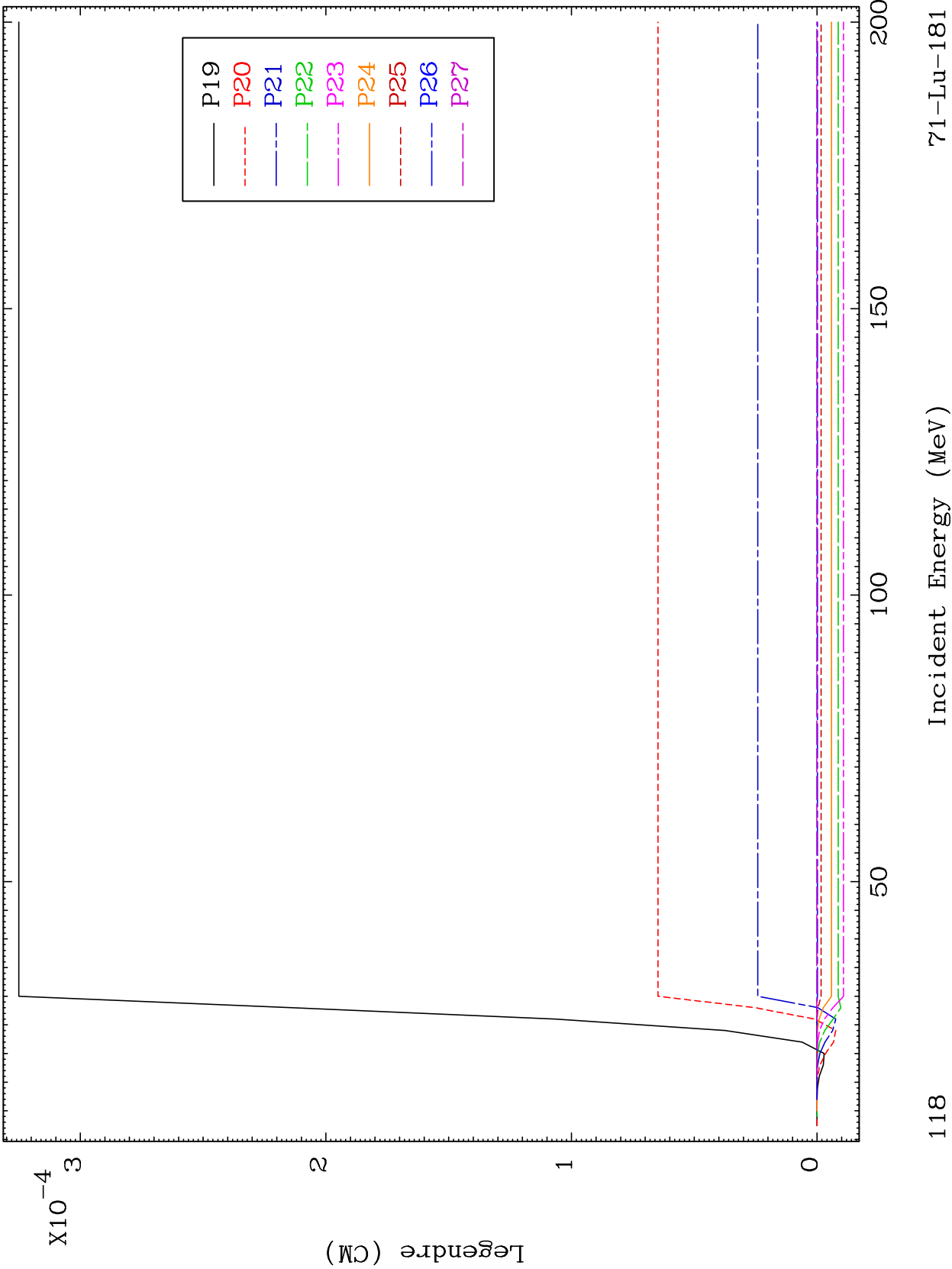
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



118

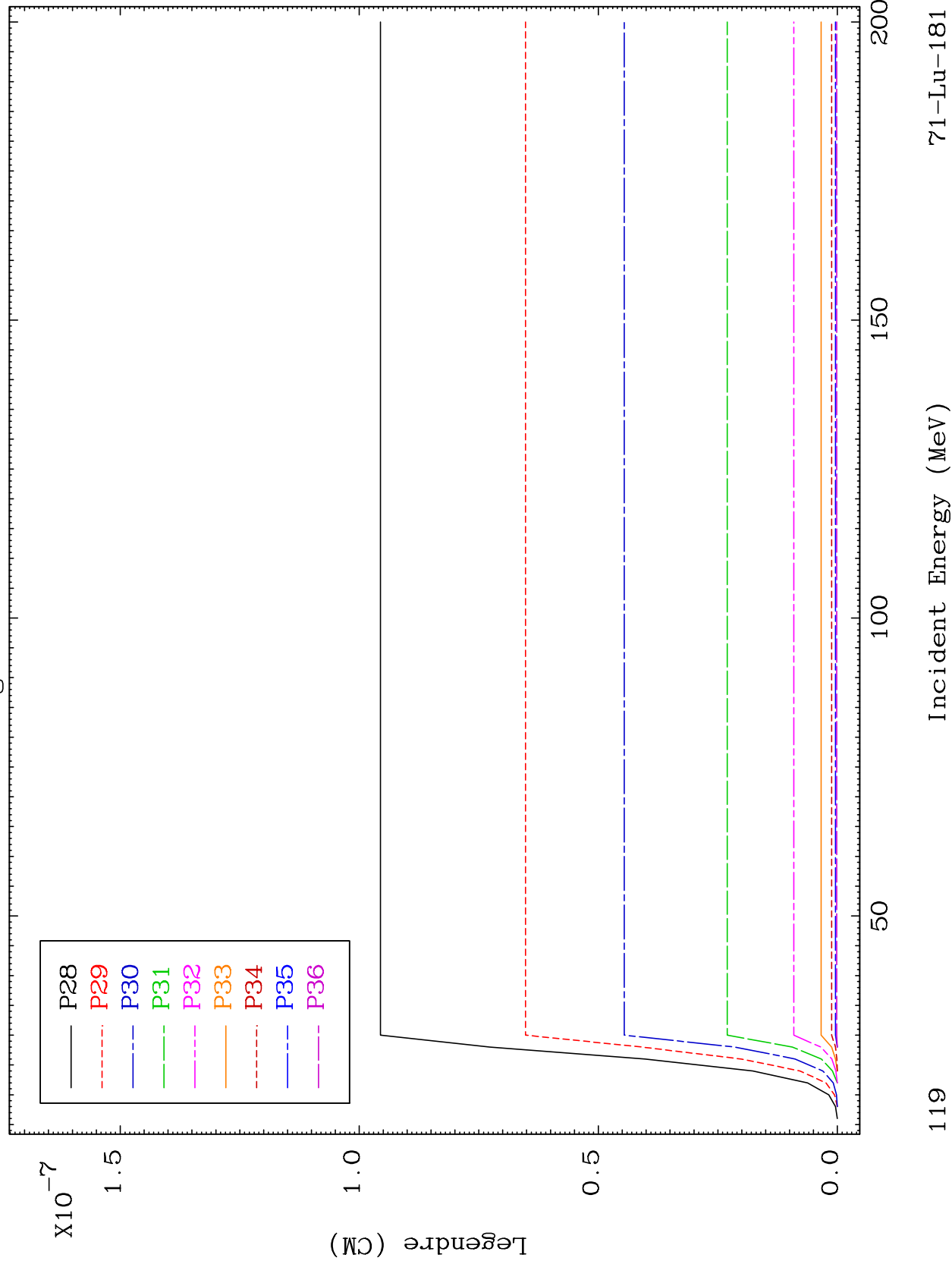
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

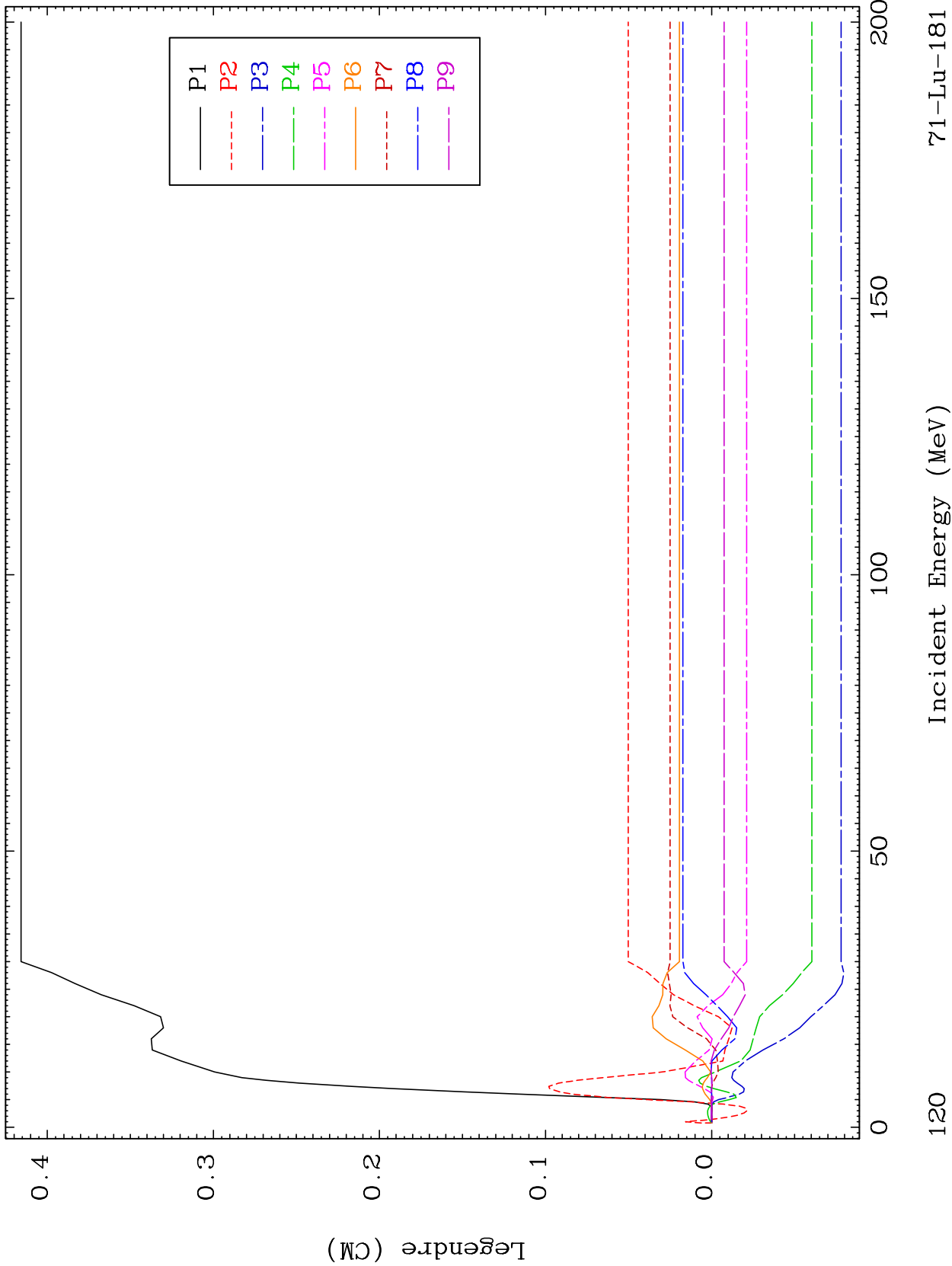
71-Lu-181



MAT 7143

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

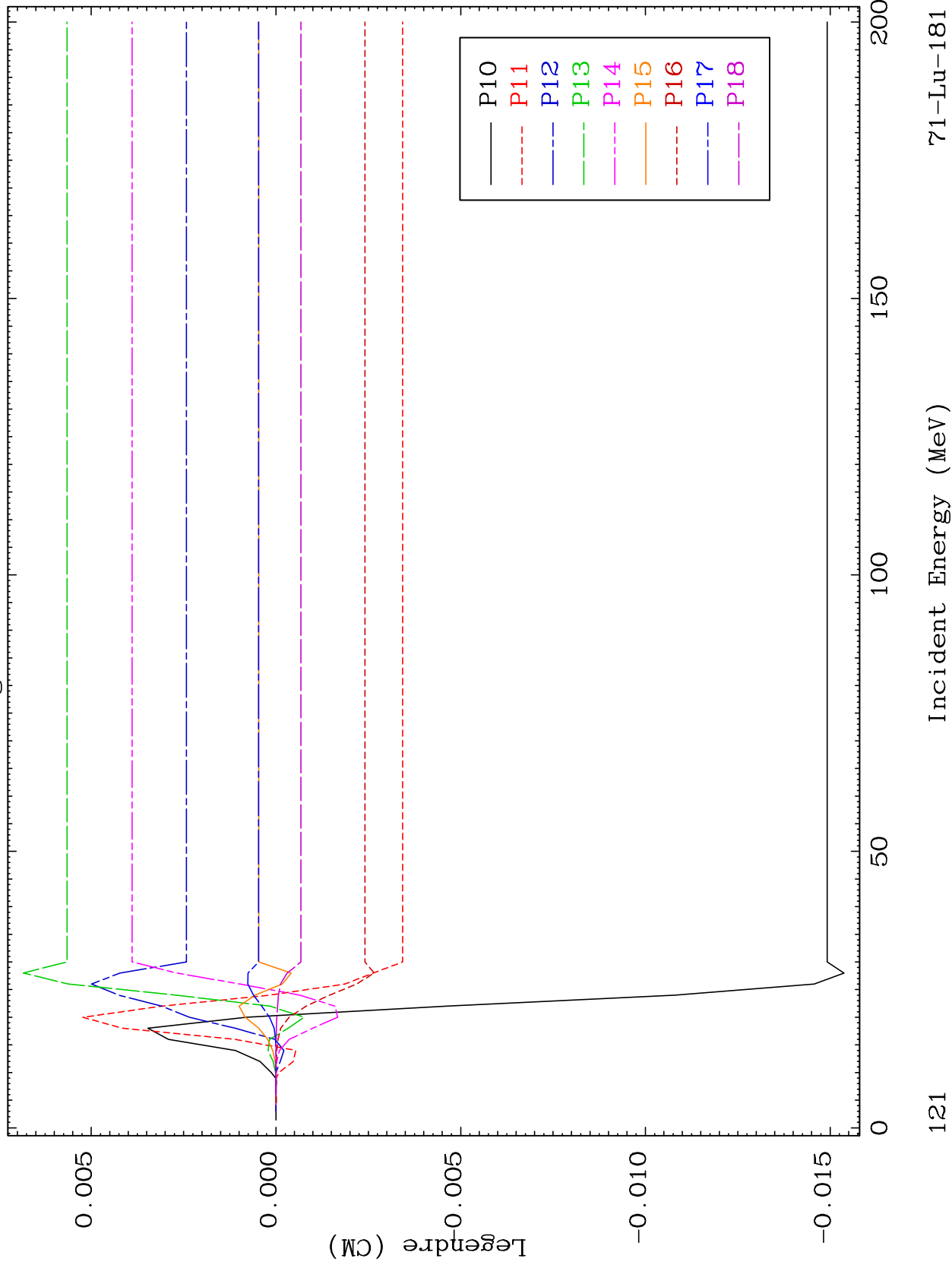
71-Lu-181



MAT 7143

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

71-Lu-181



121

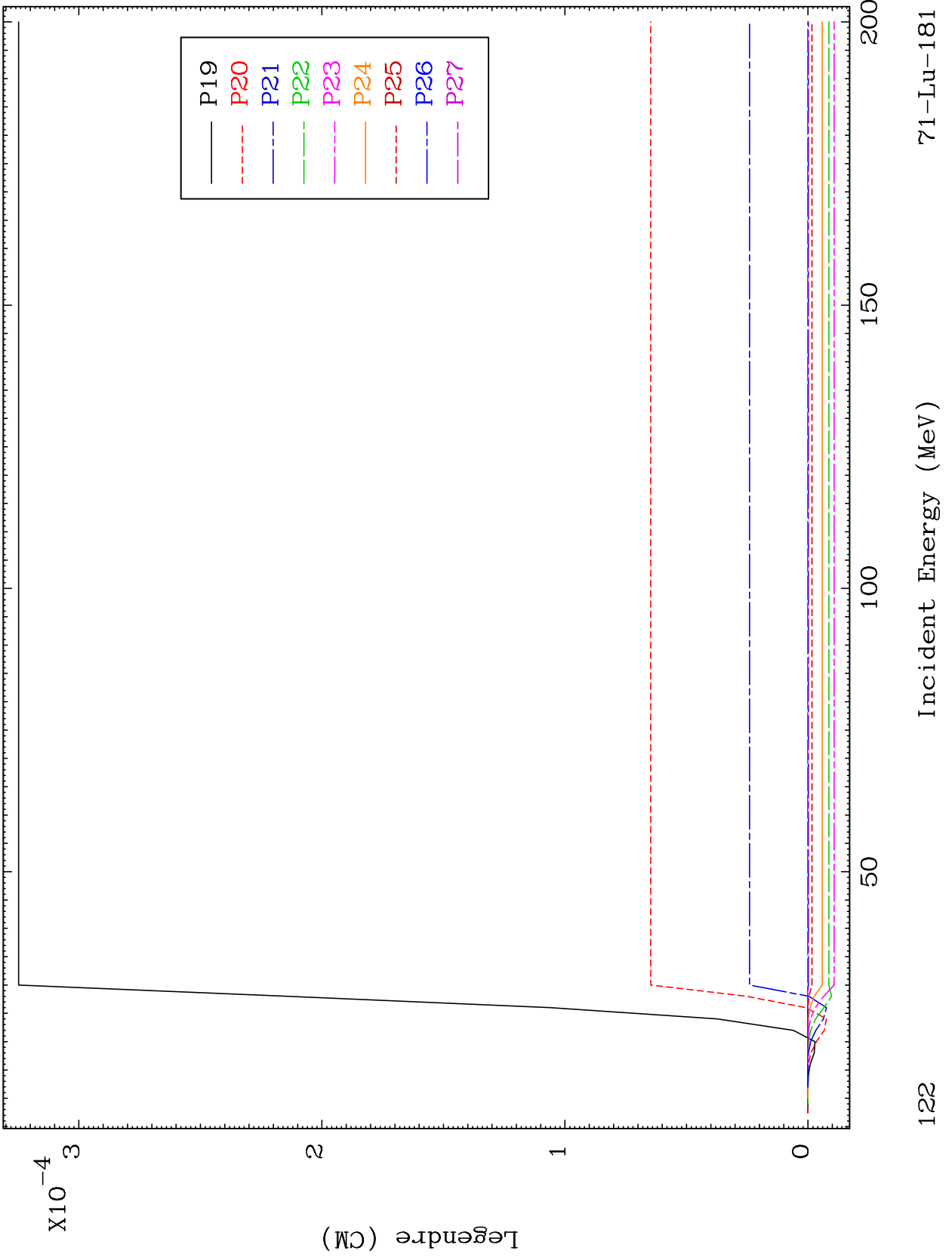
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



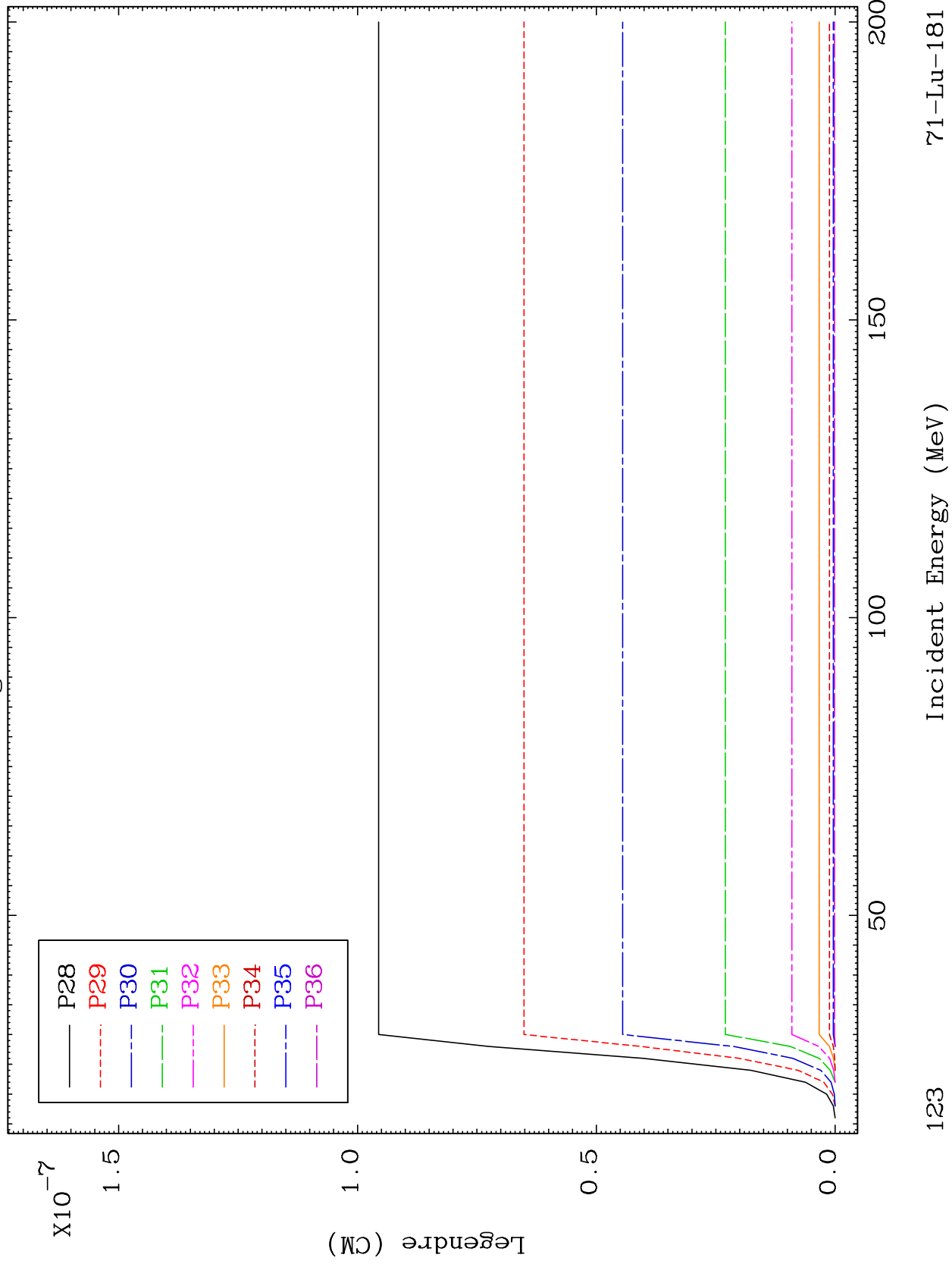
122

71-Lu-181

MAT 7143

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

71-Lu-181

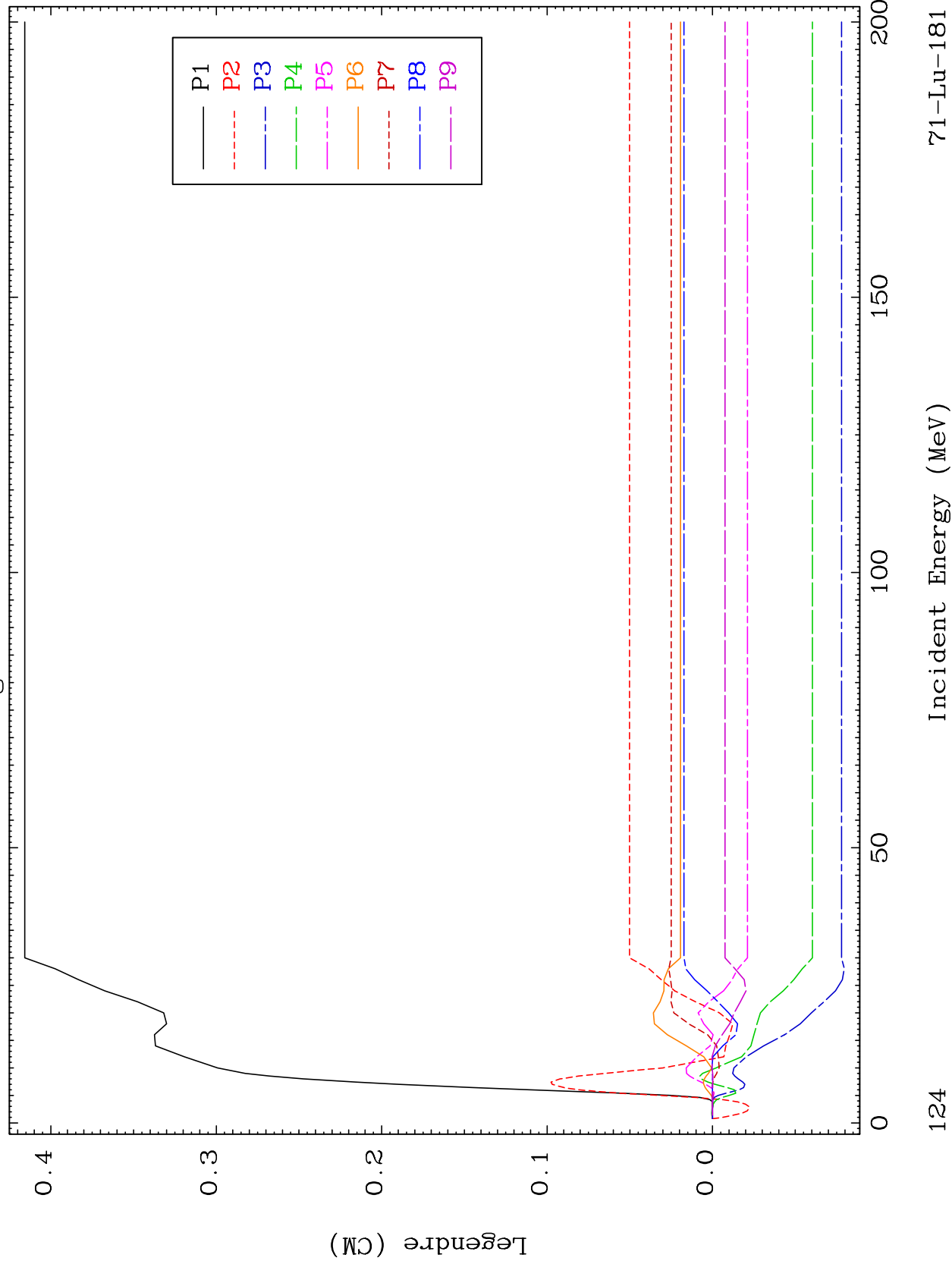


123

MAT 7143

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

71-Lu-181



71-Lu-181

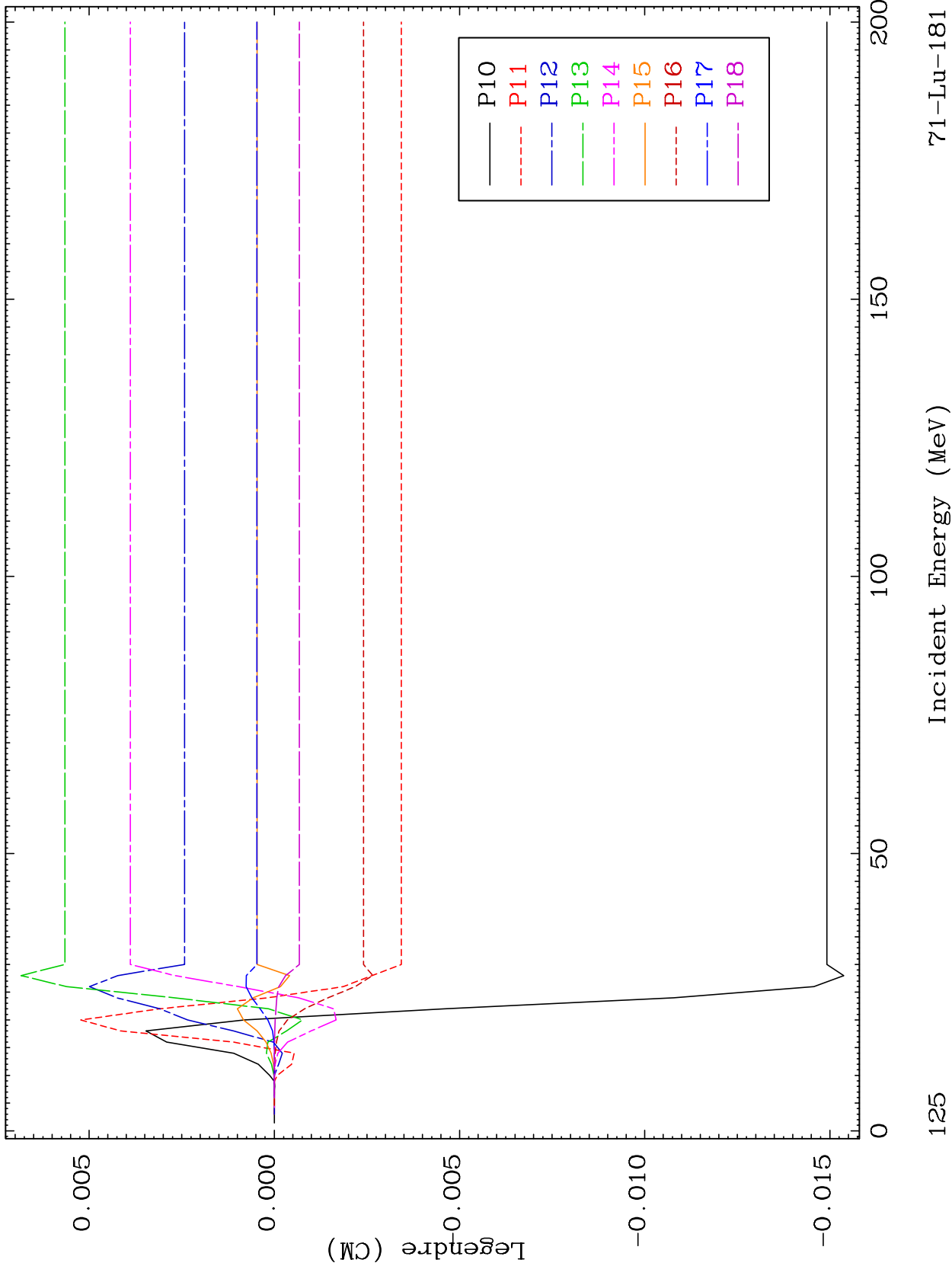
Incident Energy (MeV)

124

MAT 7143

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

71-Lu-181



71-Lu-181

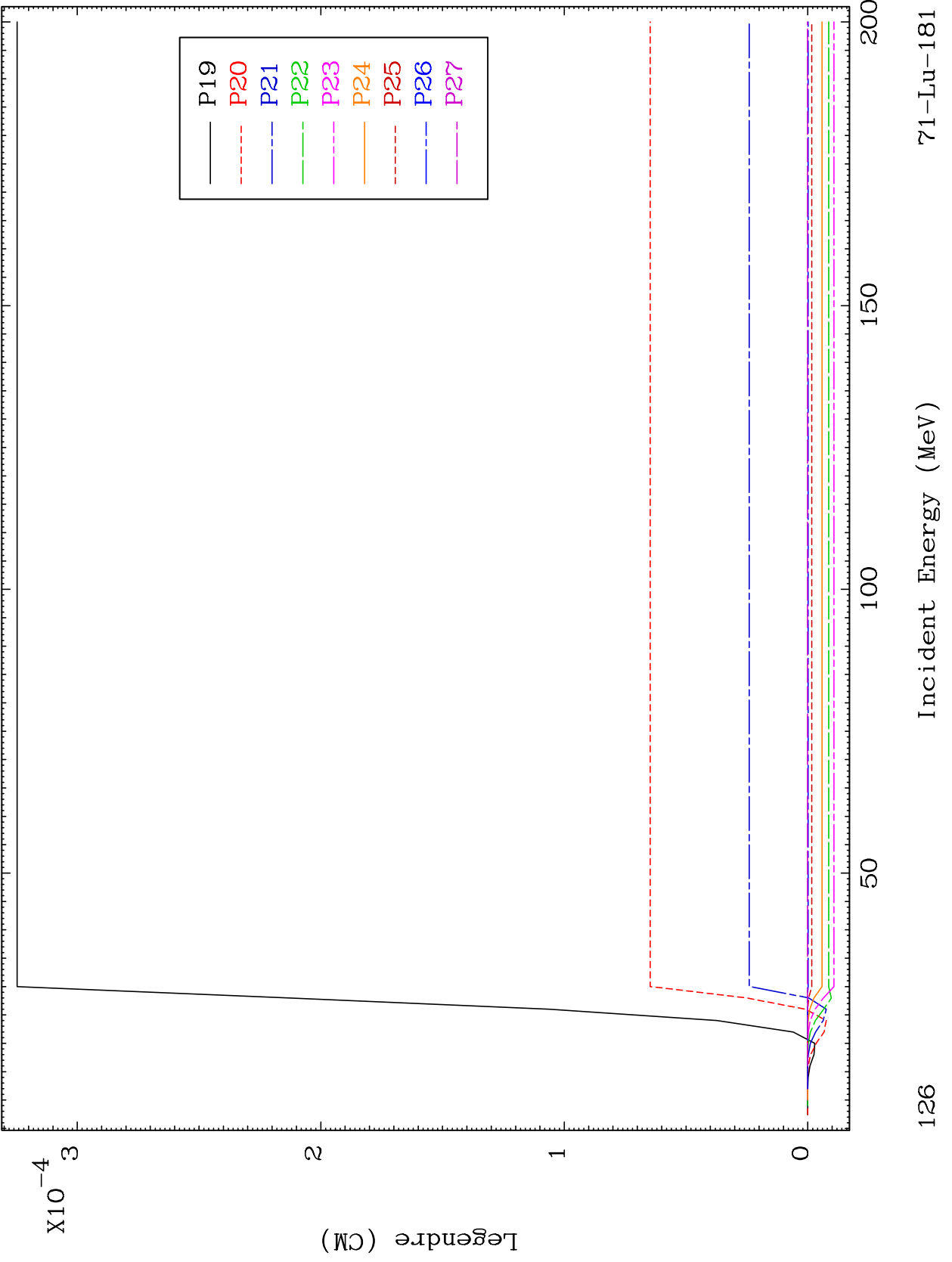
Incident Energy (MeV)

125

MAT 7143

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

71-Lu-181



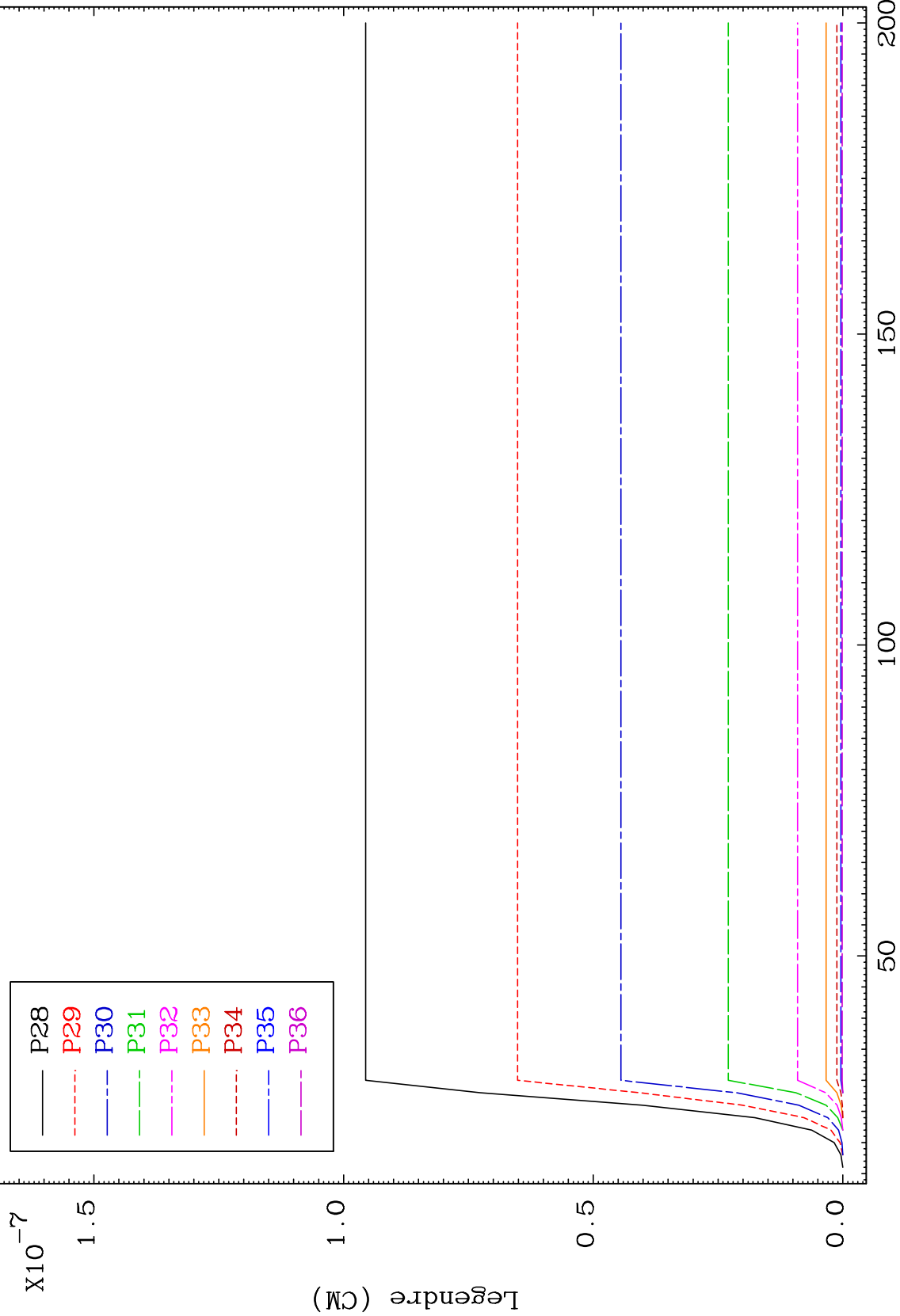
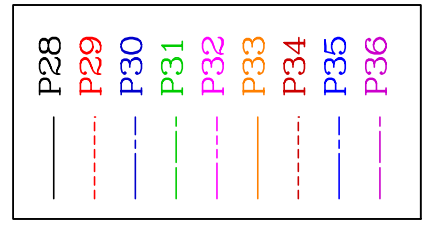
126

71-Lu-181

MAT 7143

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

71-Lu-181



127

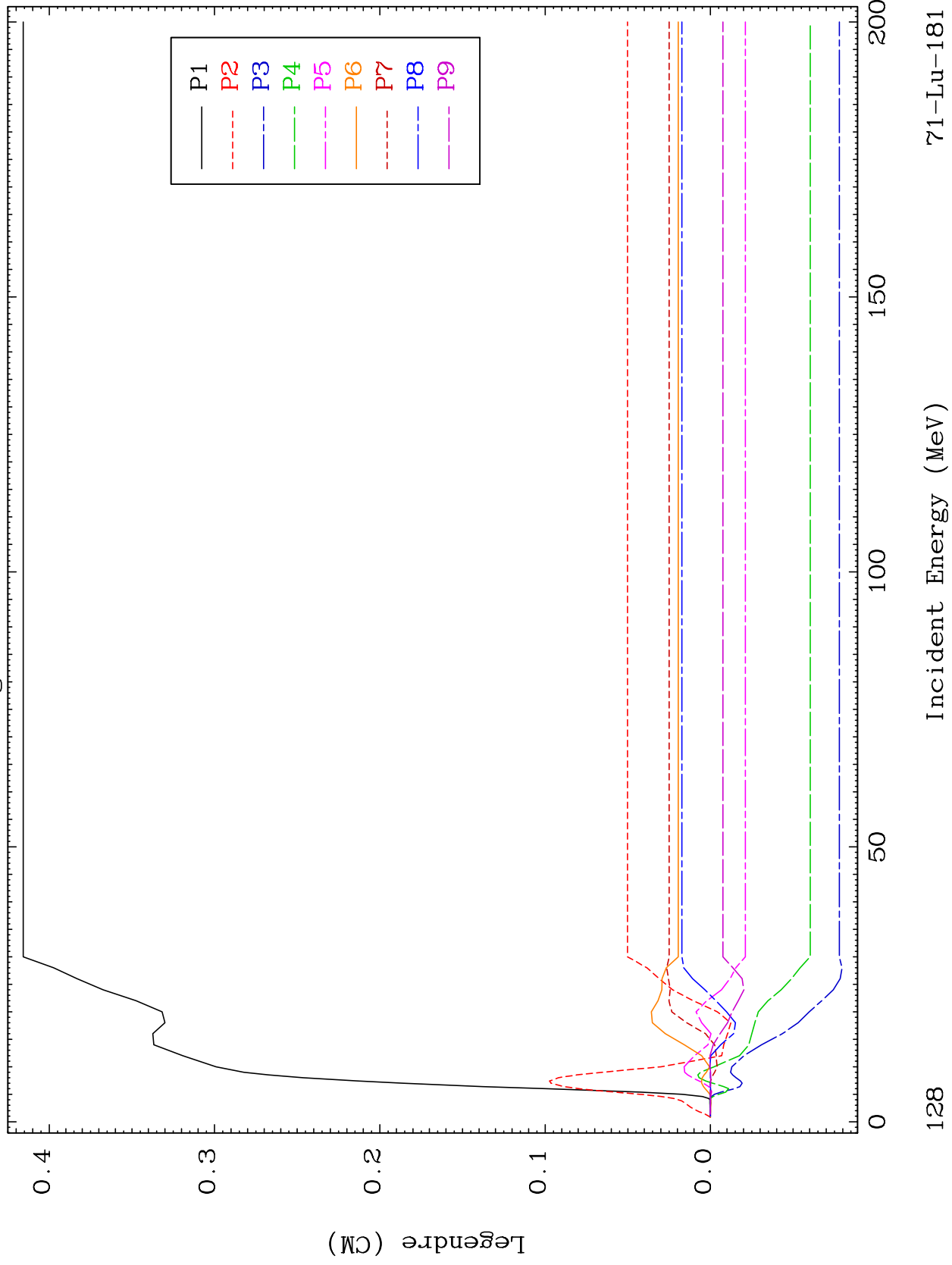
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



71-Lu-181

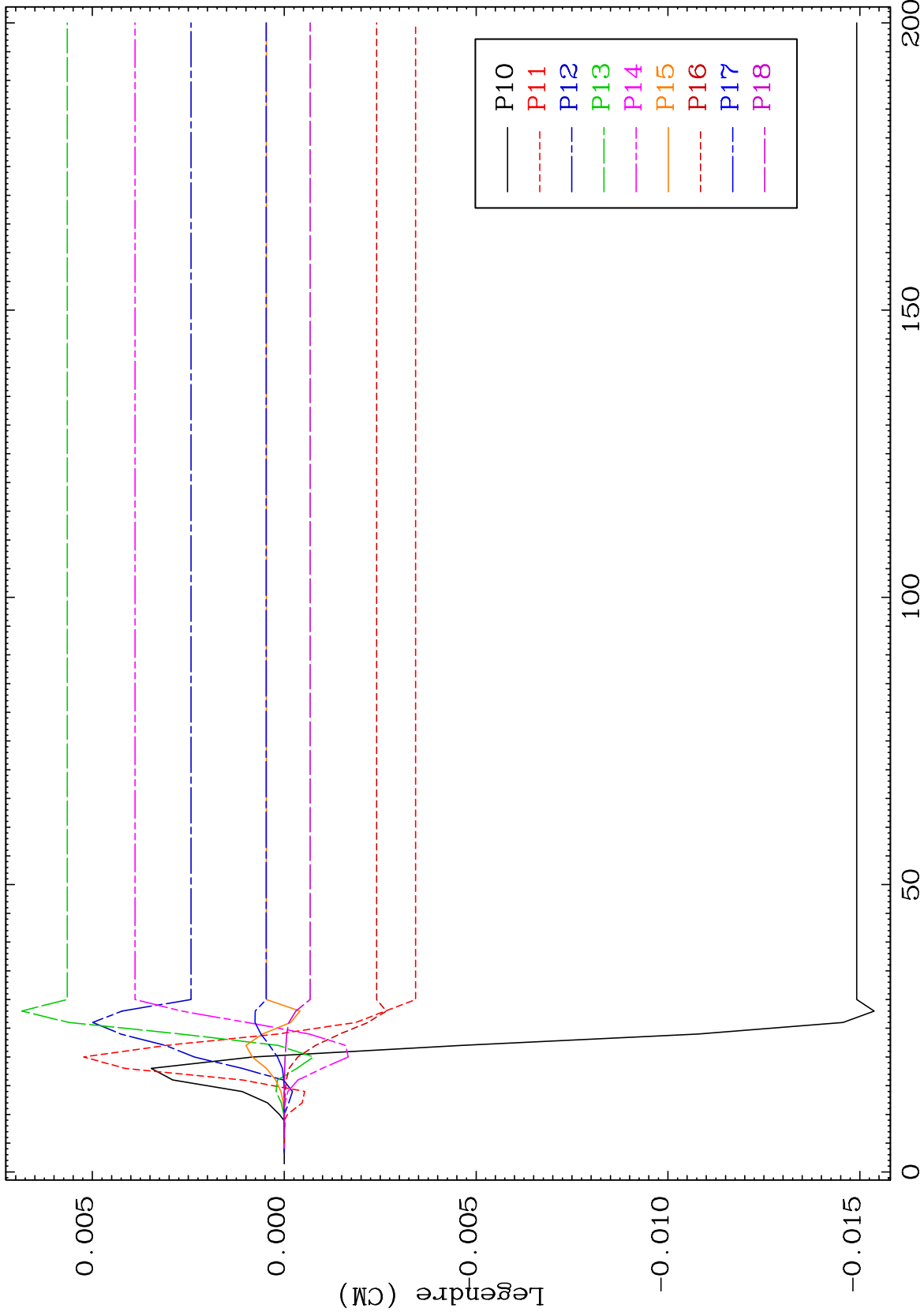
Incident Energy (MeV)

128

MAT 7143

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

71-Lu-181



129

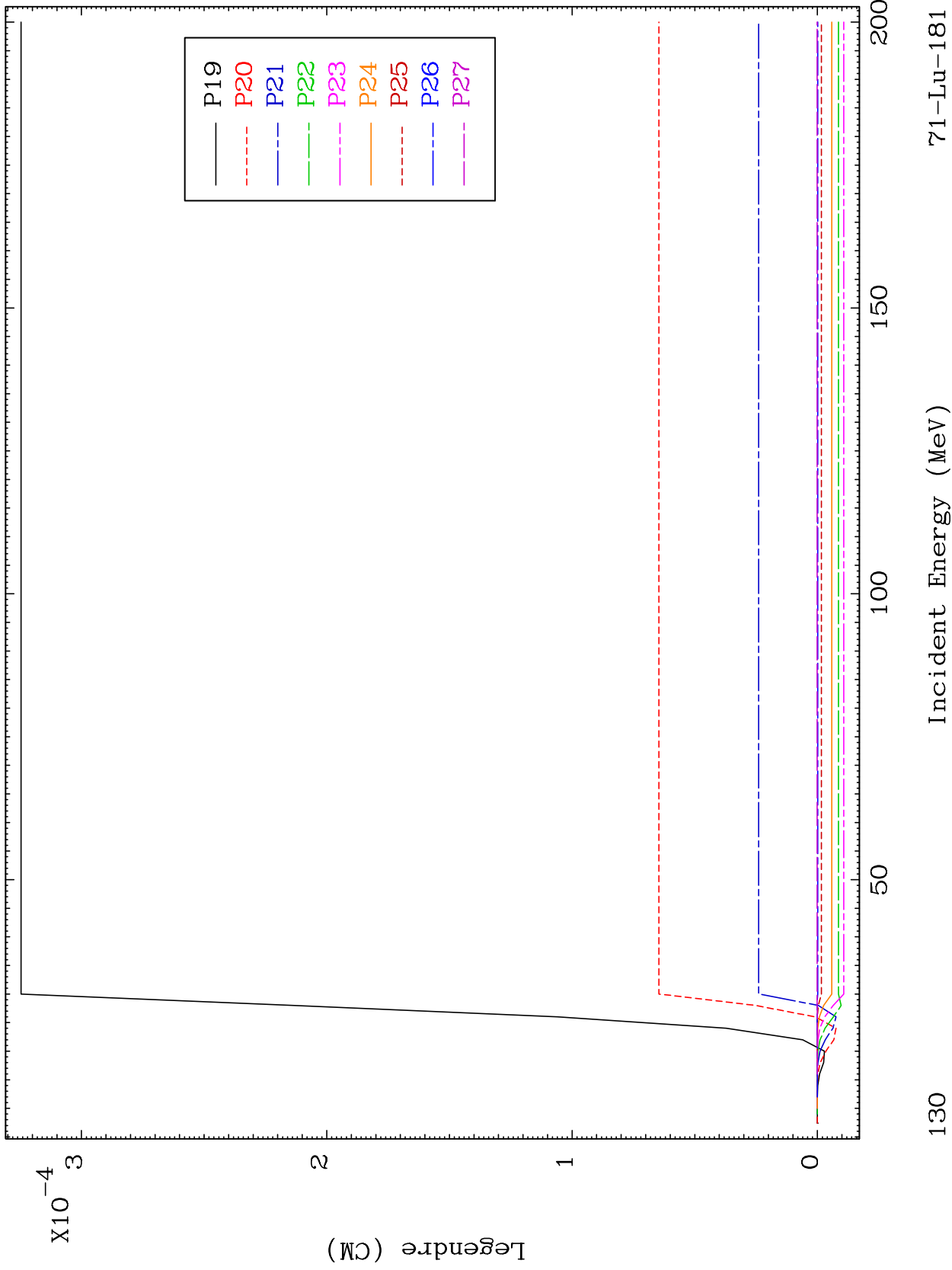
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

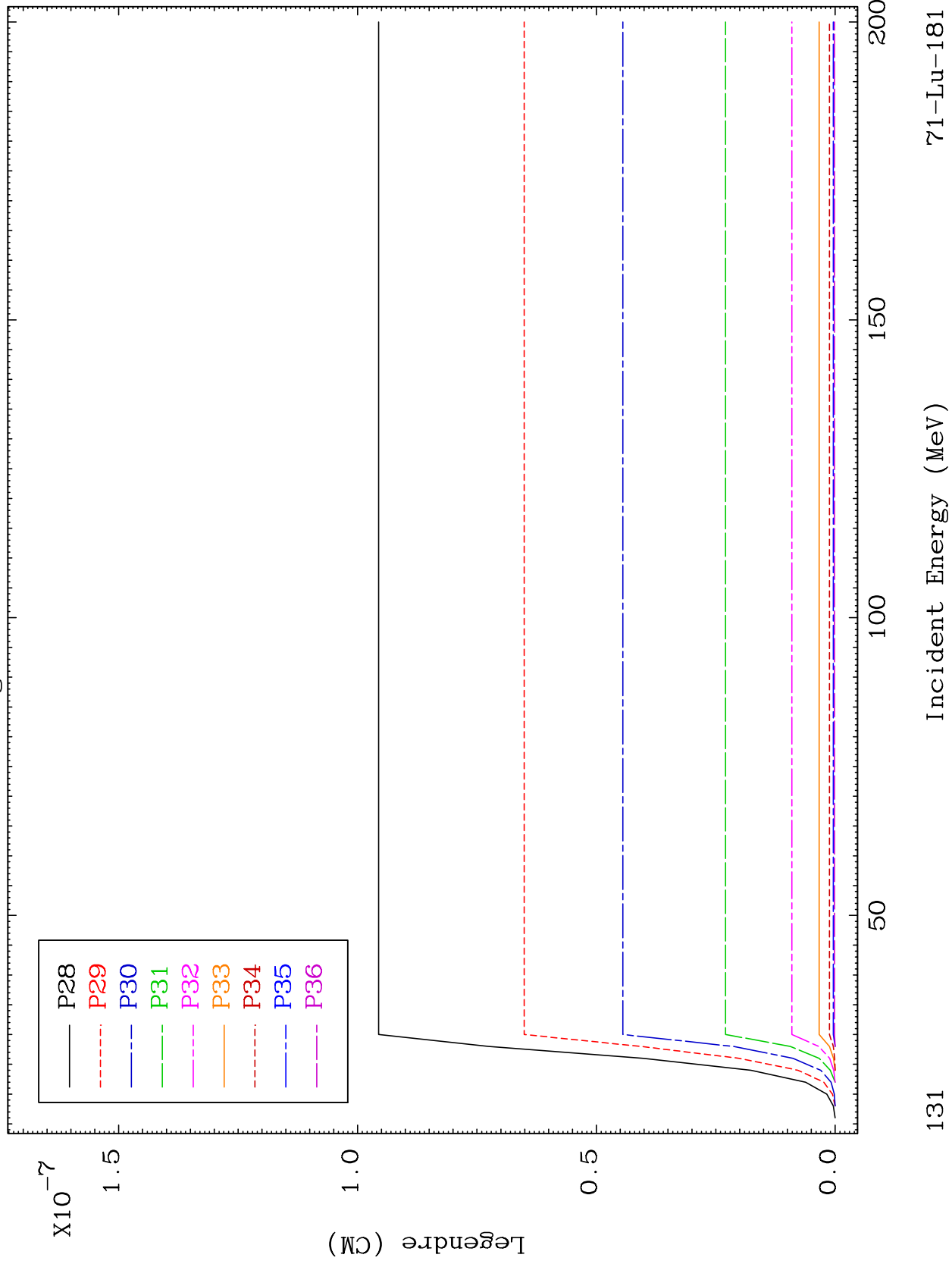
71-Lu-181



MAT 7143

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

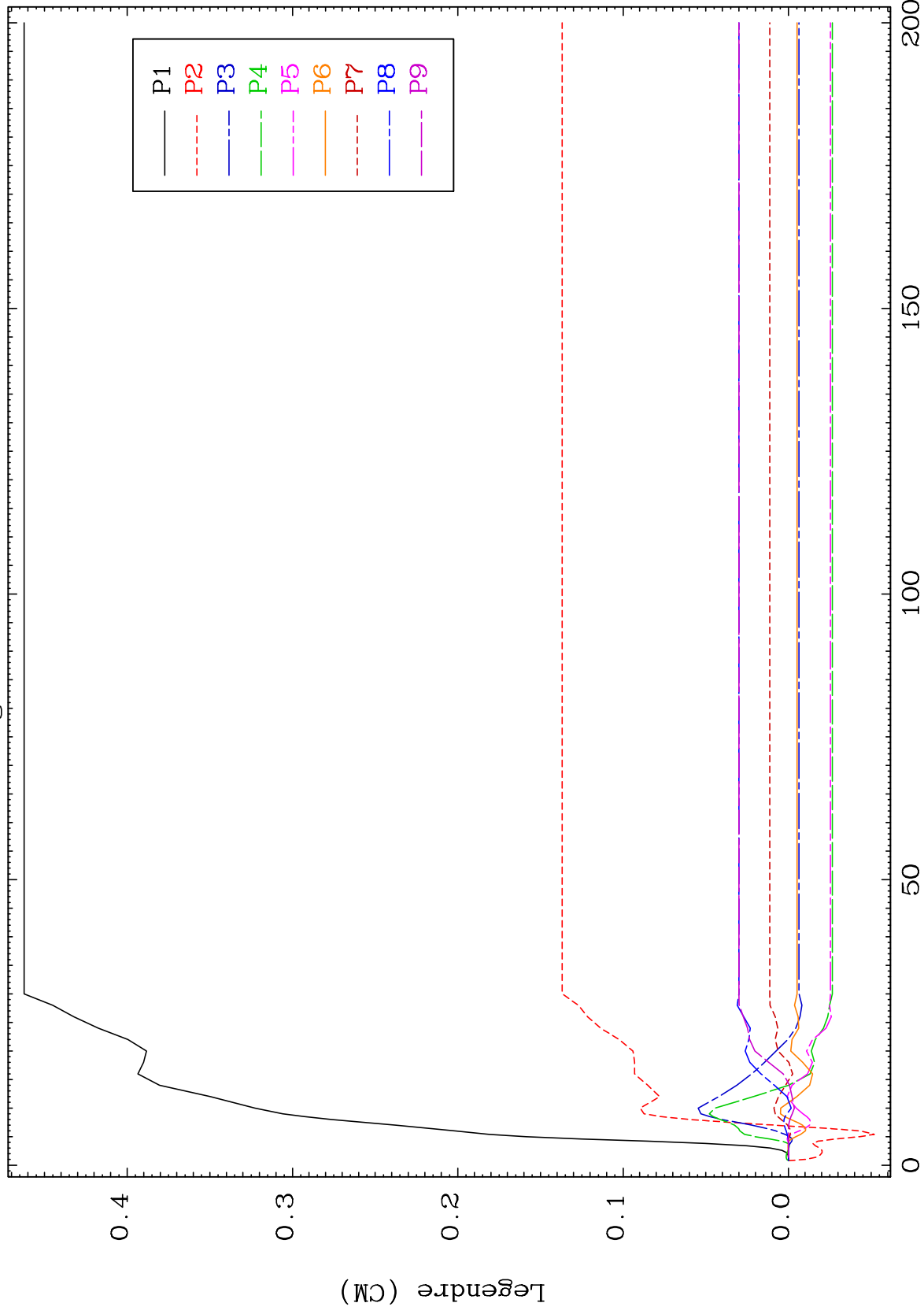
71-Lu-181



MAT 7143

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

71-Lu-181



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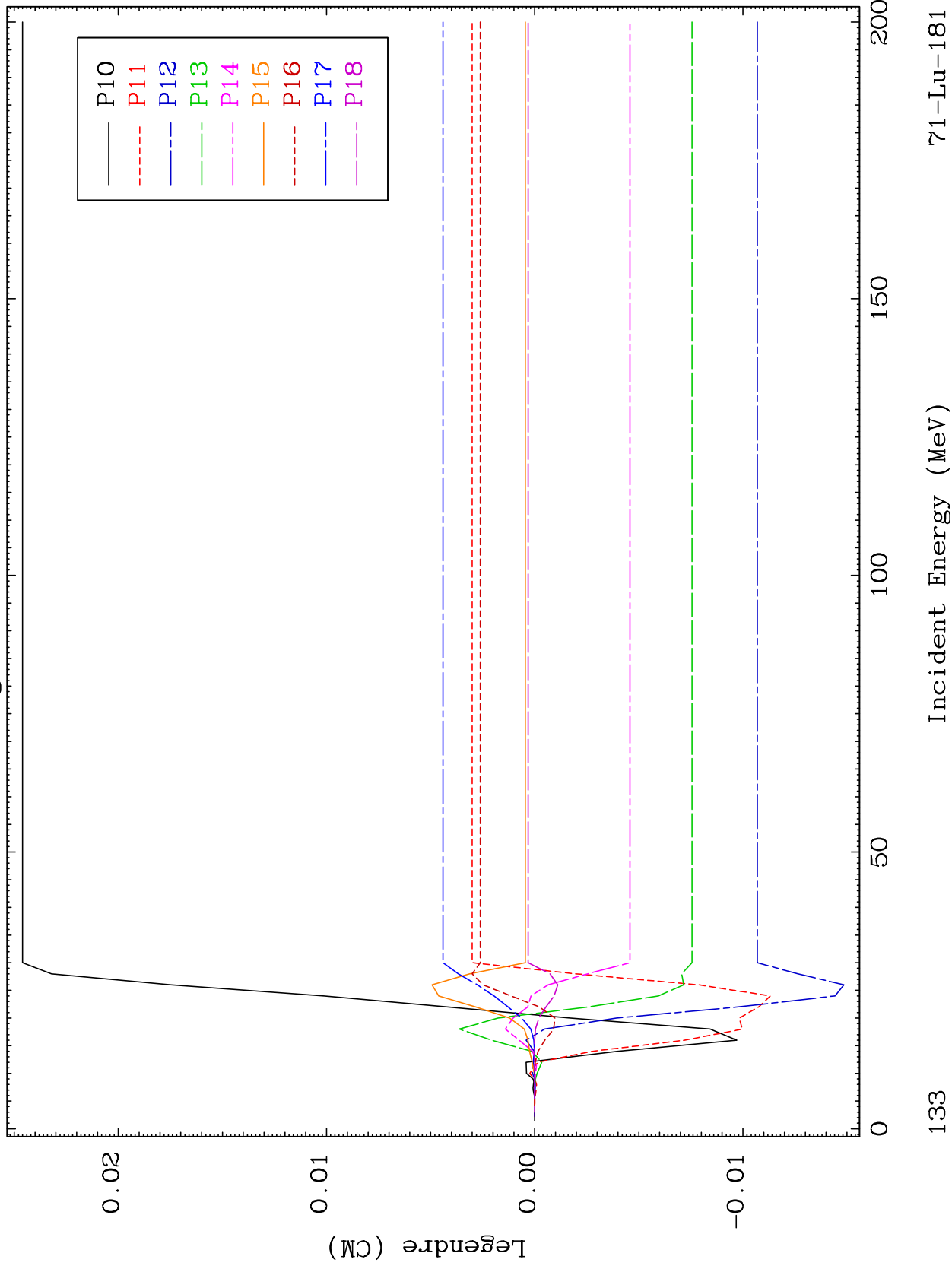
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



133

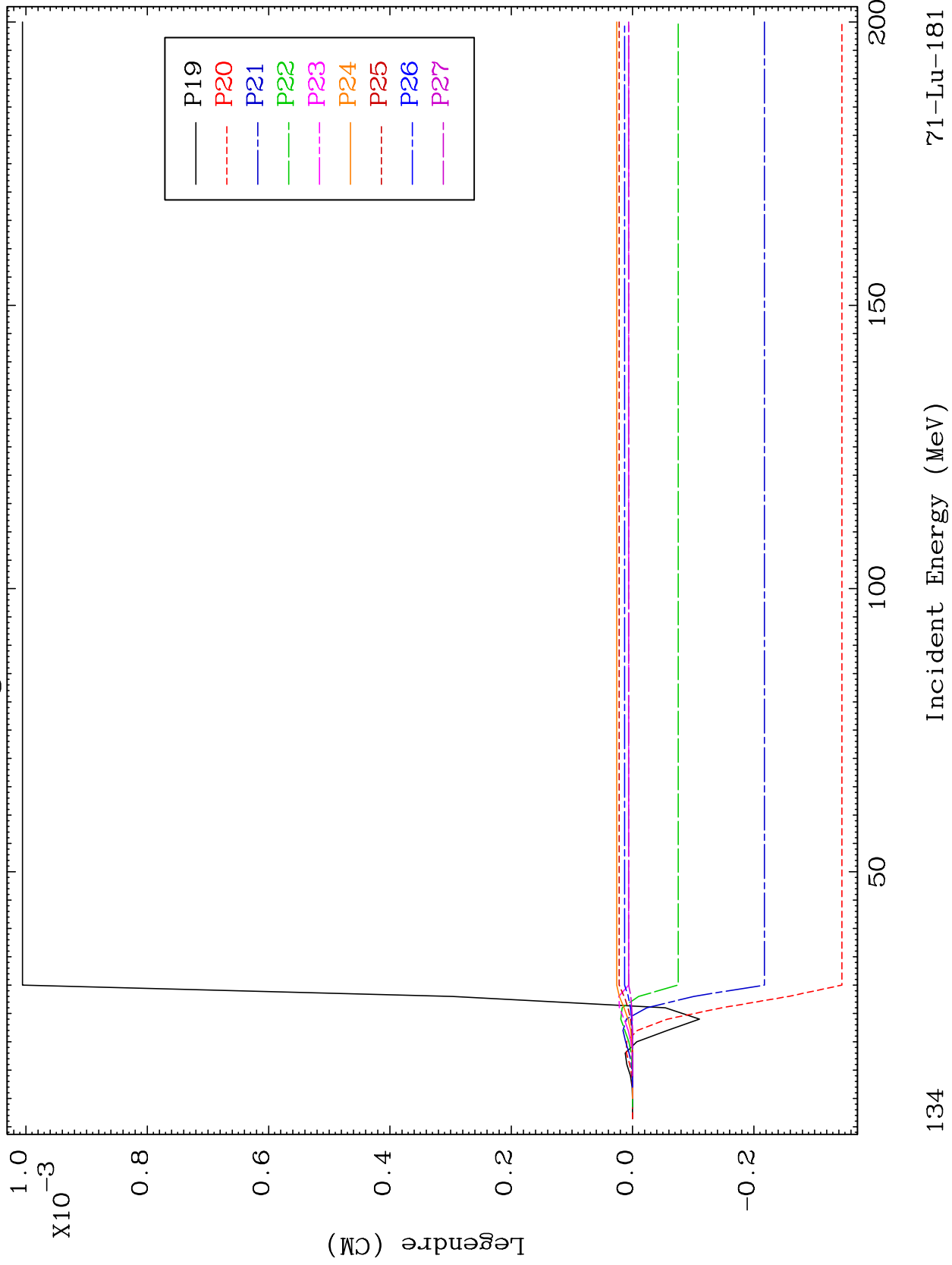
Incident Energy (MeV)

71-Lu-181

MAT 7143

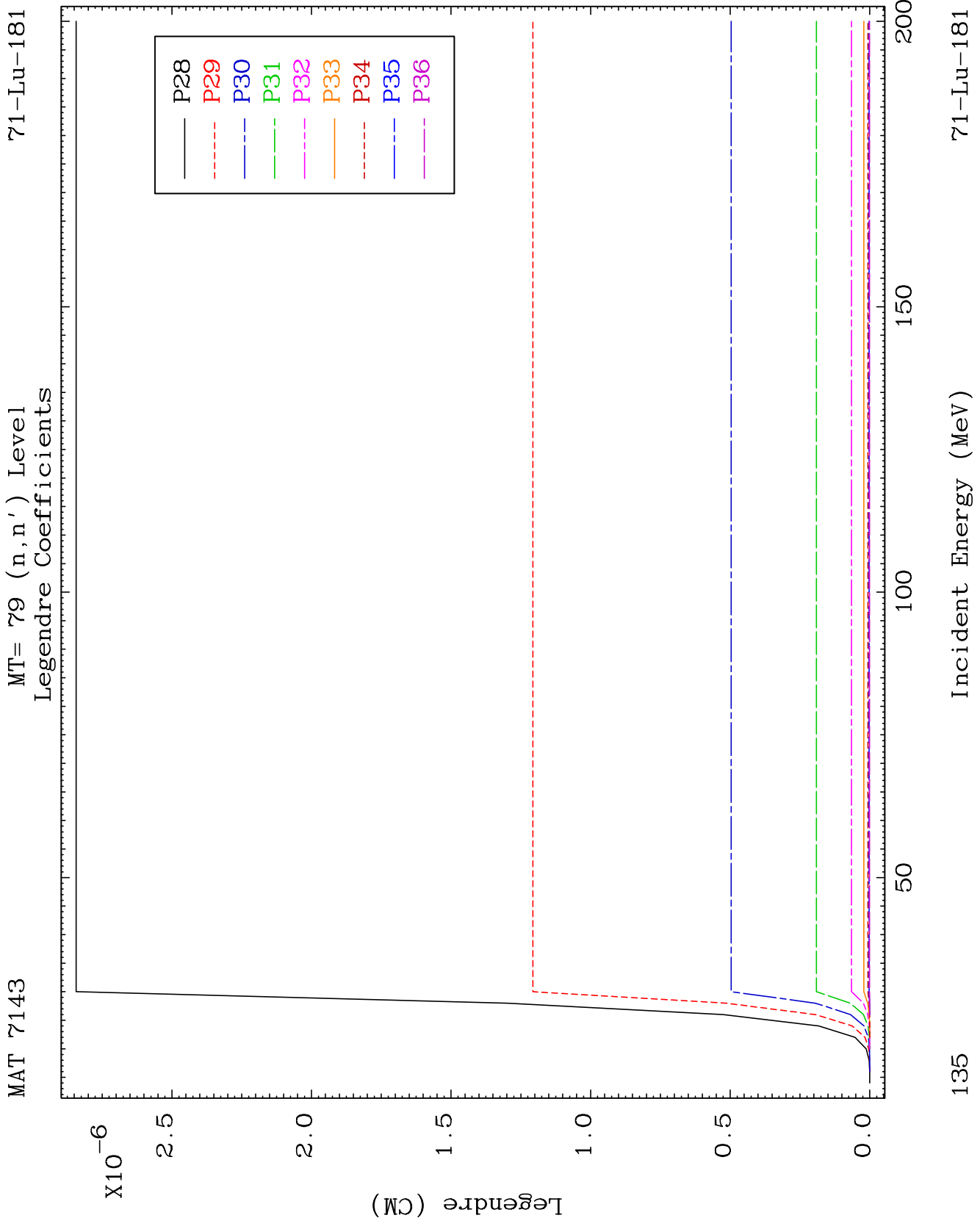
MT= 79 (n,n') Level
Legendre Coefficients

71-Lu-181



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71-Lu-181

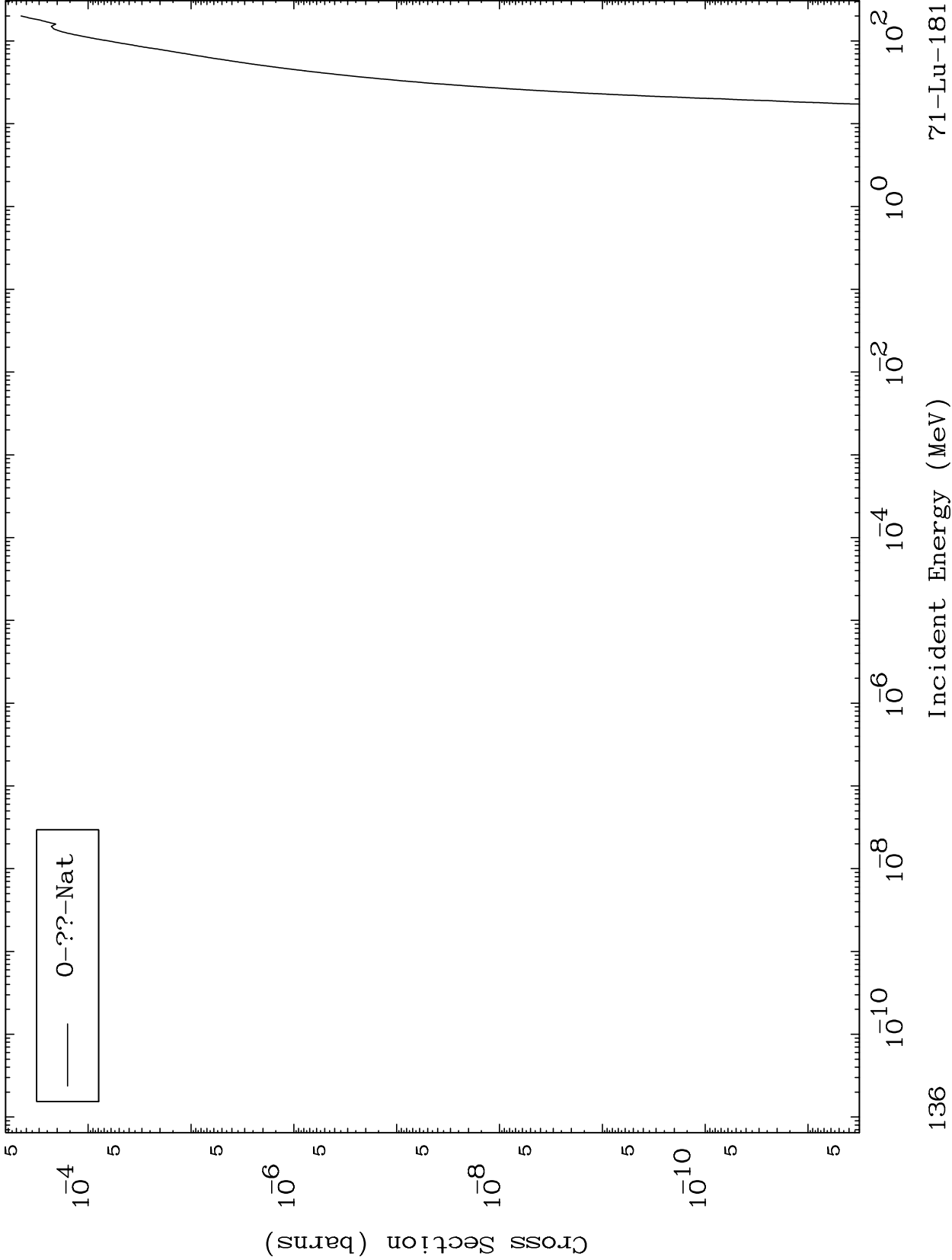


MAT 7143

Fission

71-Lu-181

Radionuclide Production Cross Section

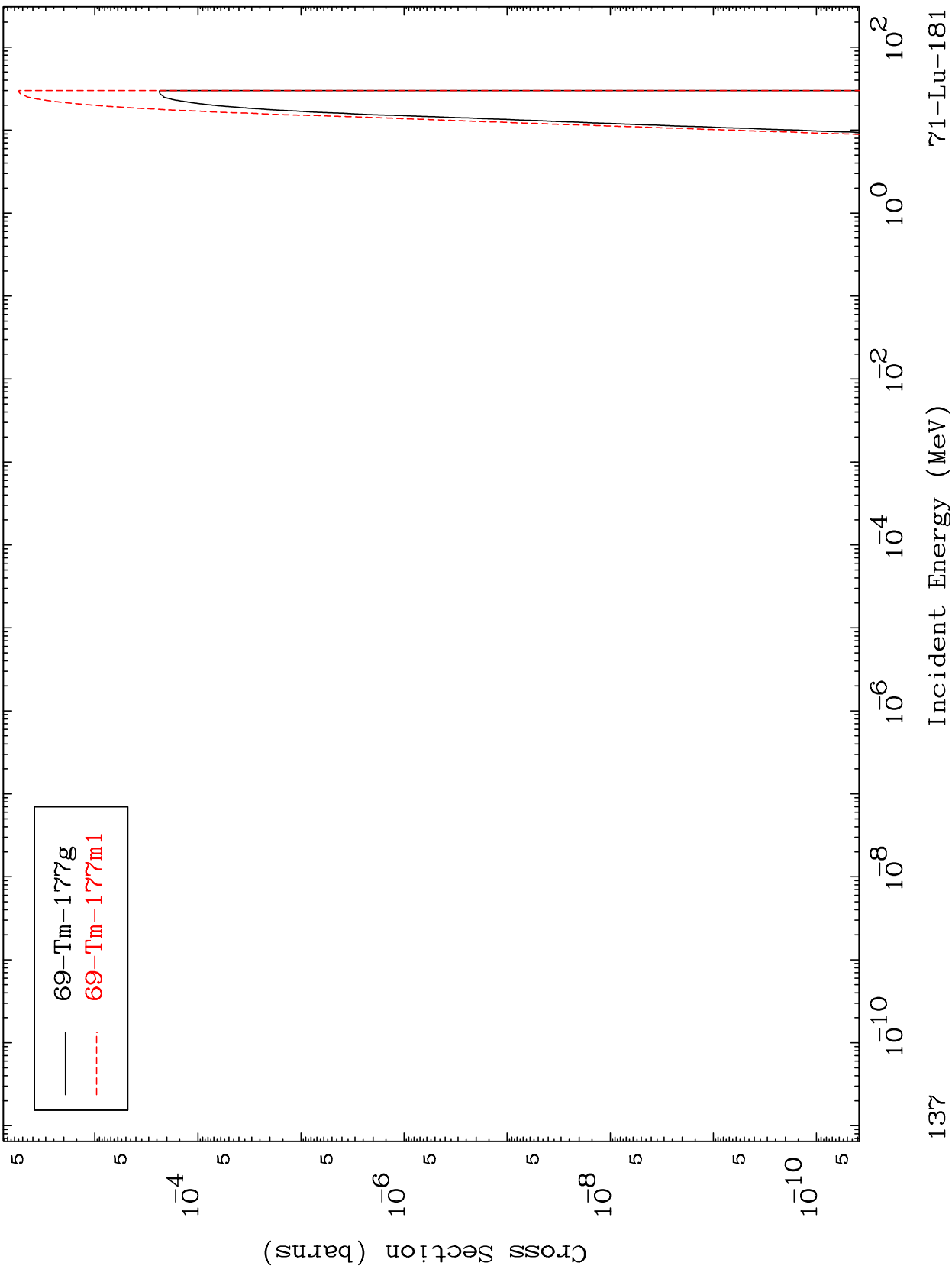


MAT 7143

$(n, n') \alpha$

$^{71}\text{Lu-181}$

Radionuclide Production Cross Section



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Incident Energy (MeV)

$^{71}\text{Lu-181}$

