

Program EVALPLOT
(Version 2021-1)

by

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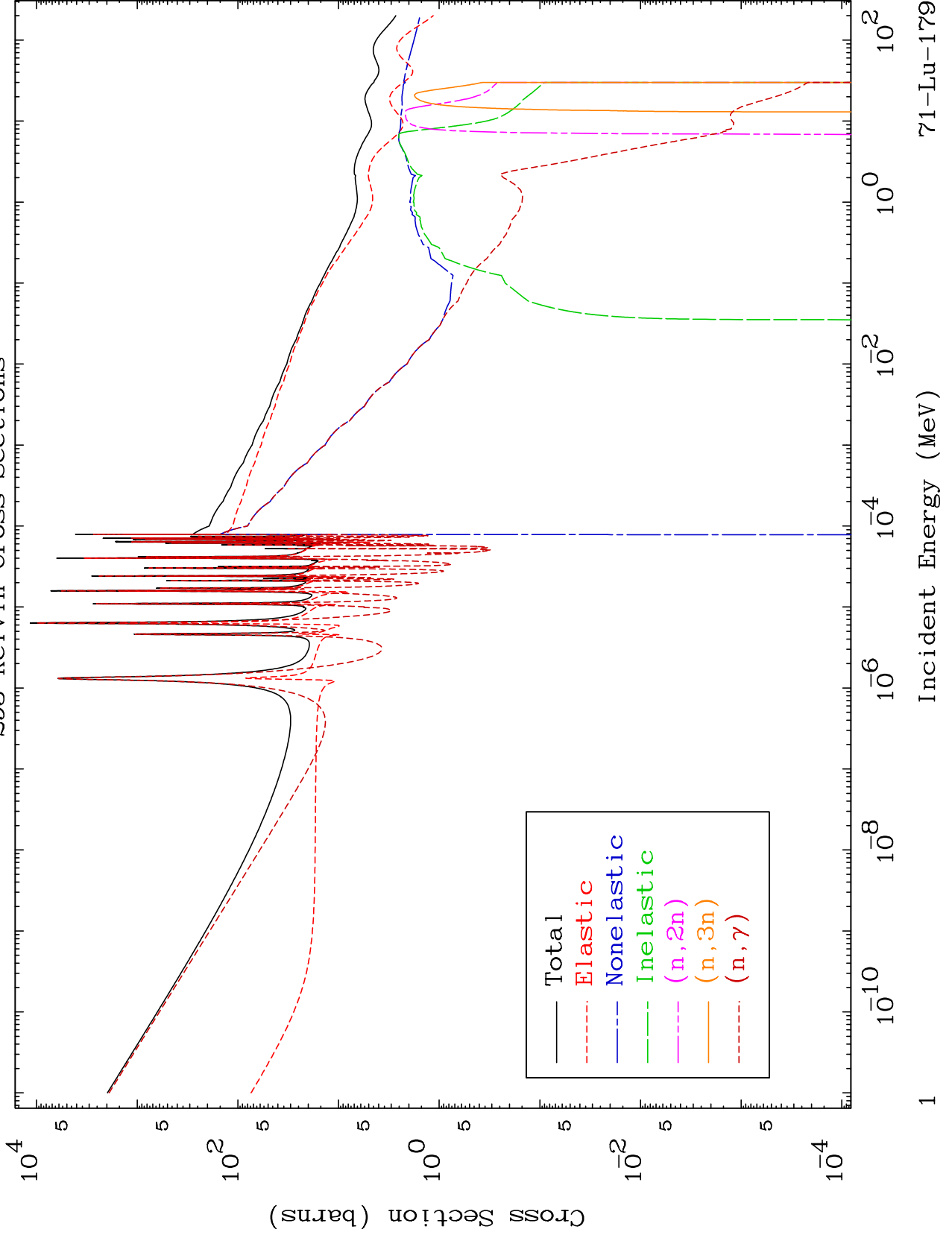
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Press Mouse Button to Start

MAT 7137

Neutron Major
293 Kelvin Cross Sections

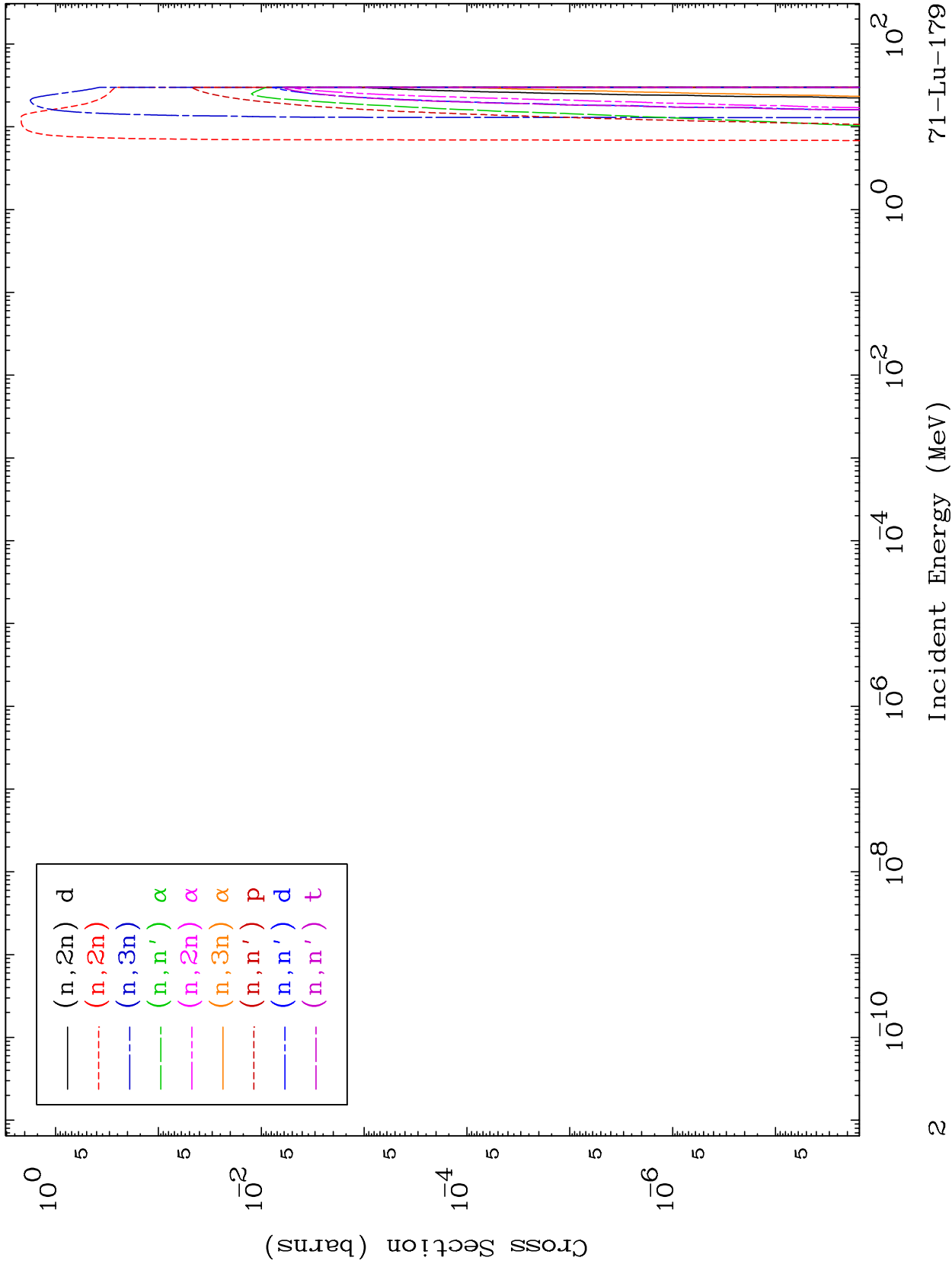
71-Lu-179



MAT 7137

Neutron Absorption
293 Kelvin Cross Sections

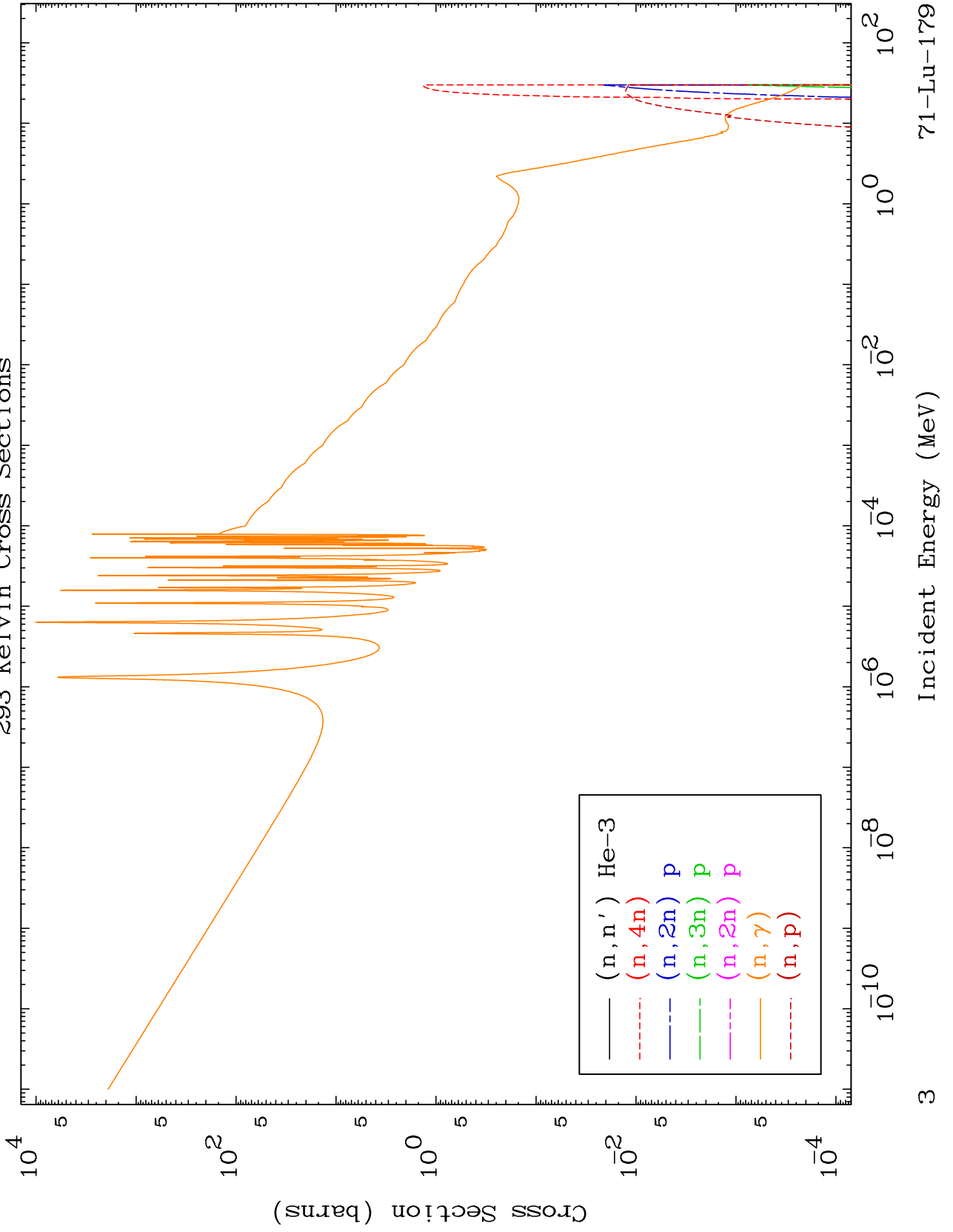
71-Lu-179



MAT 7137

Neutron Absorption
293 Kelvin Cross Sections

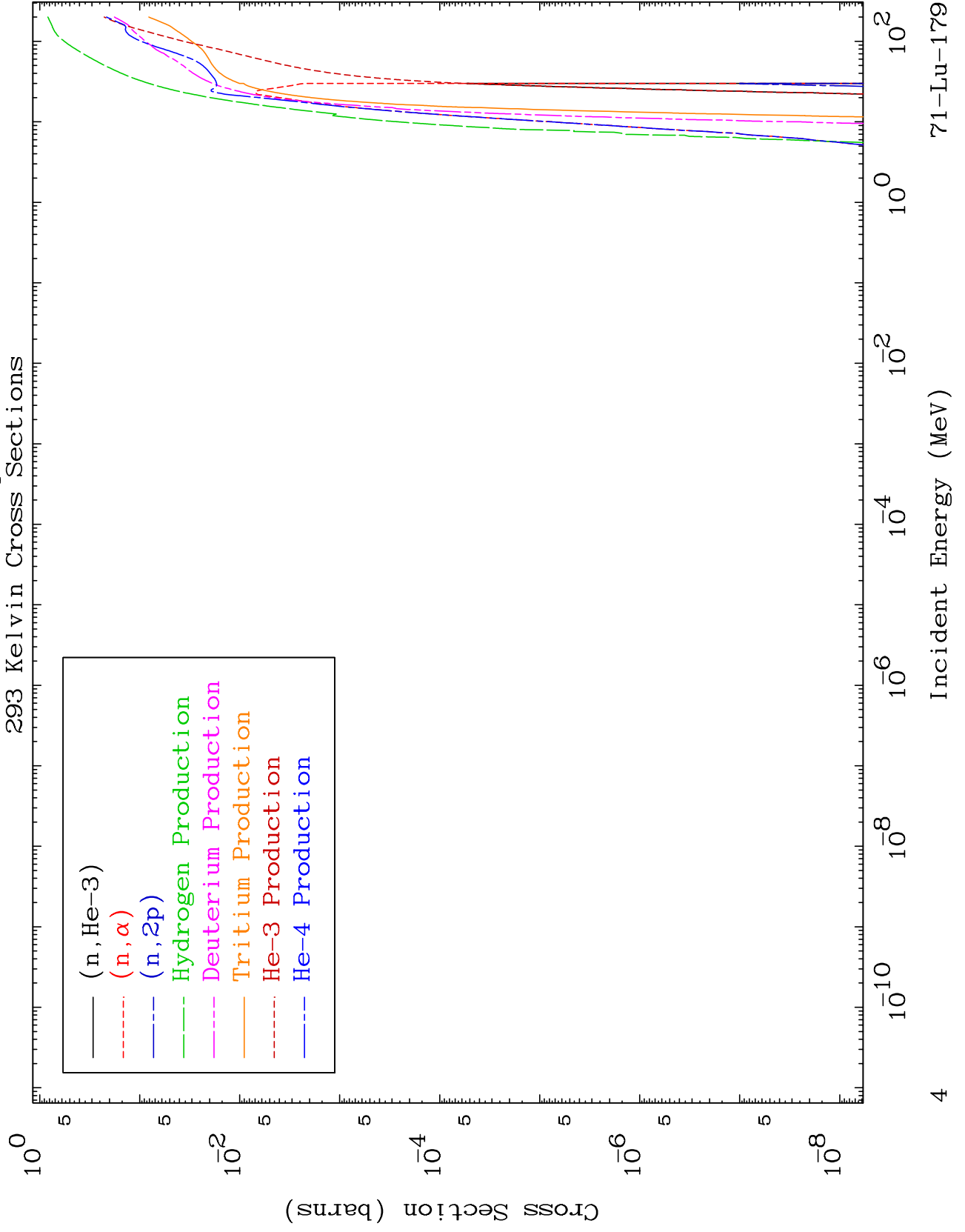
71-Lu-179



MAT 7137

Neutron Absorption
293 Kelvin Cross Sections

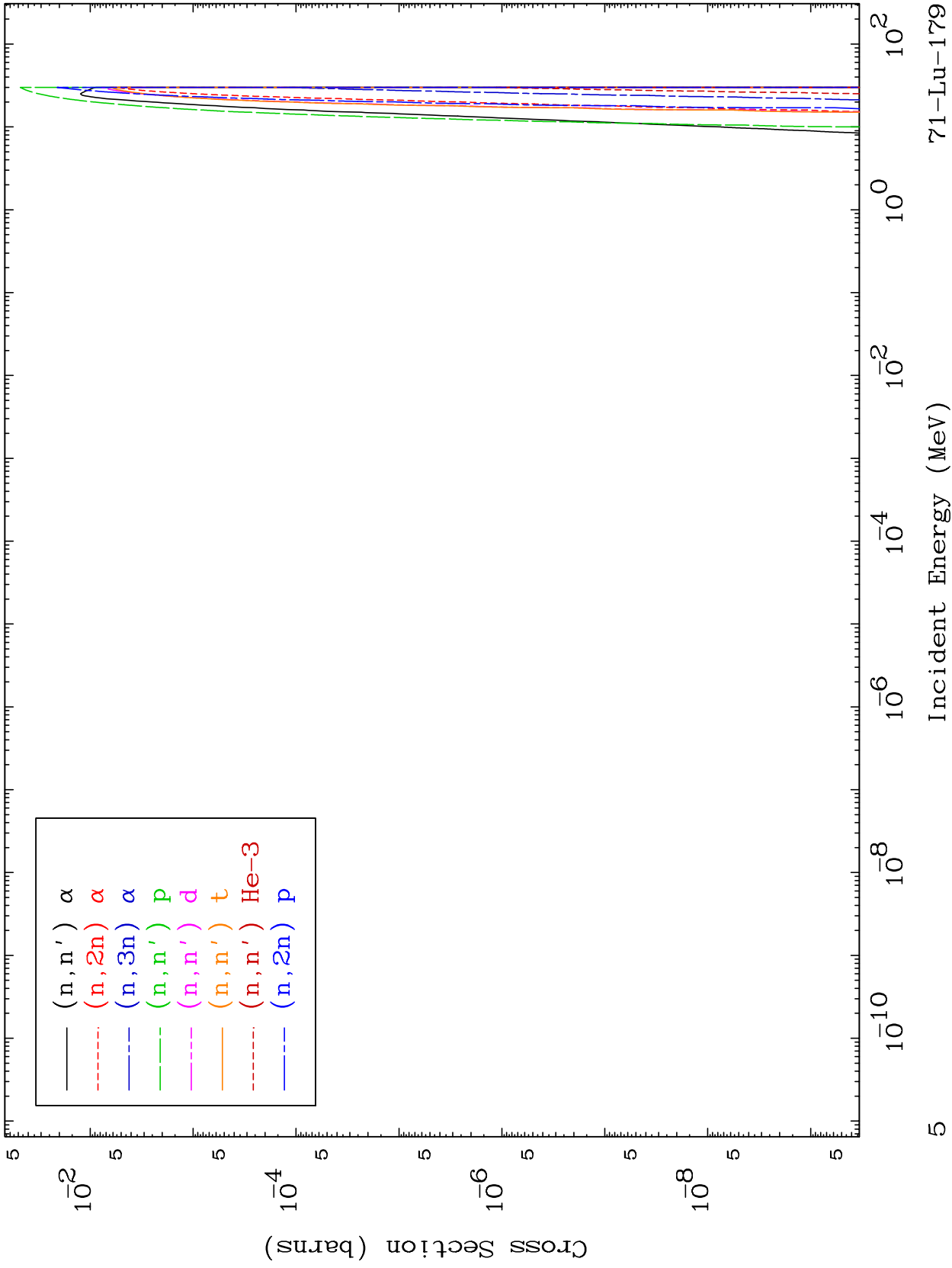
71-Lu-179



MAT 7137

Charged Particle
293 Kelvin Cross Sections

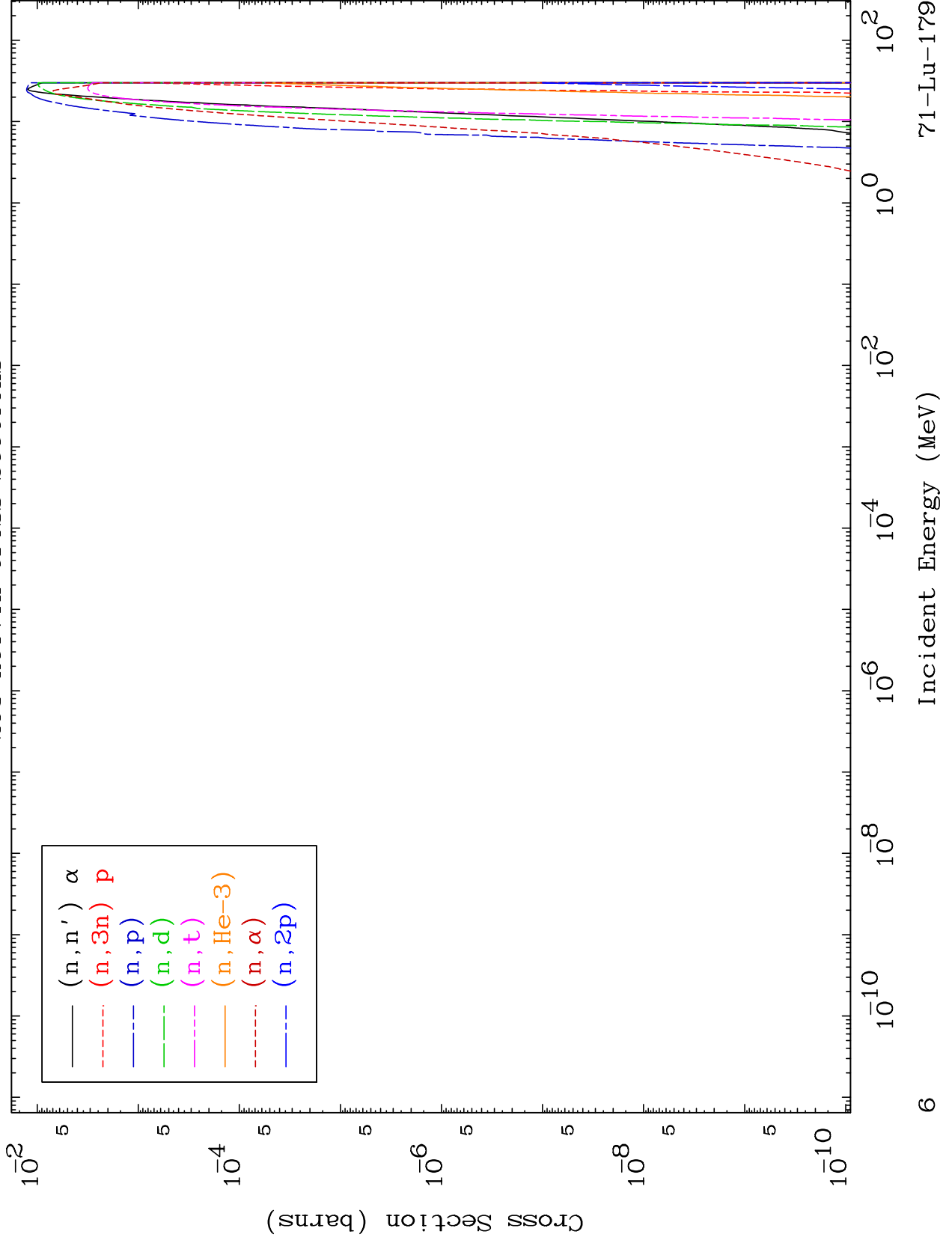
71-Lu-179



MAT 7137

Charged Particle
293 Kelvin Cross Sections

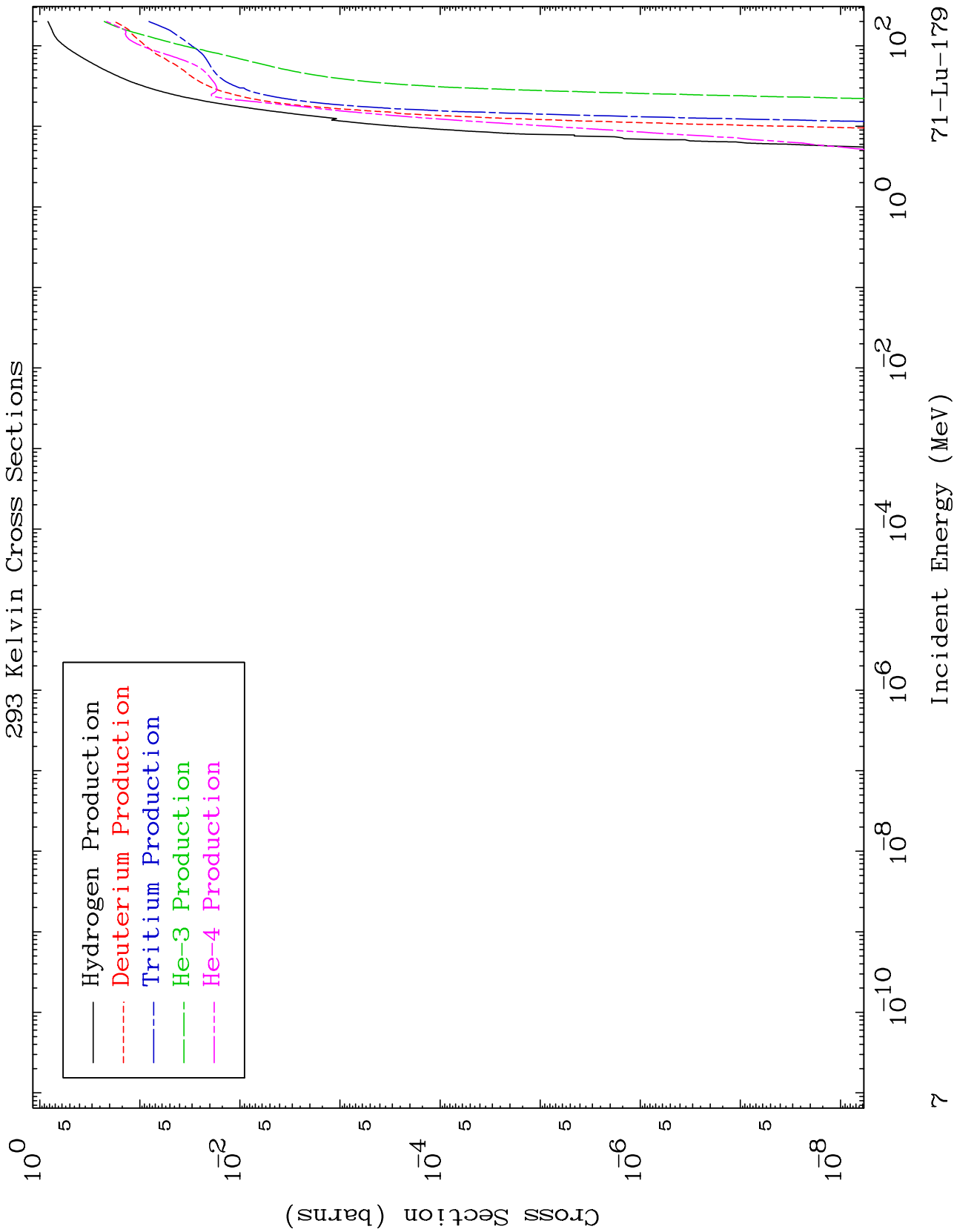
71-Lu-179

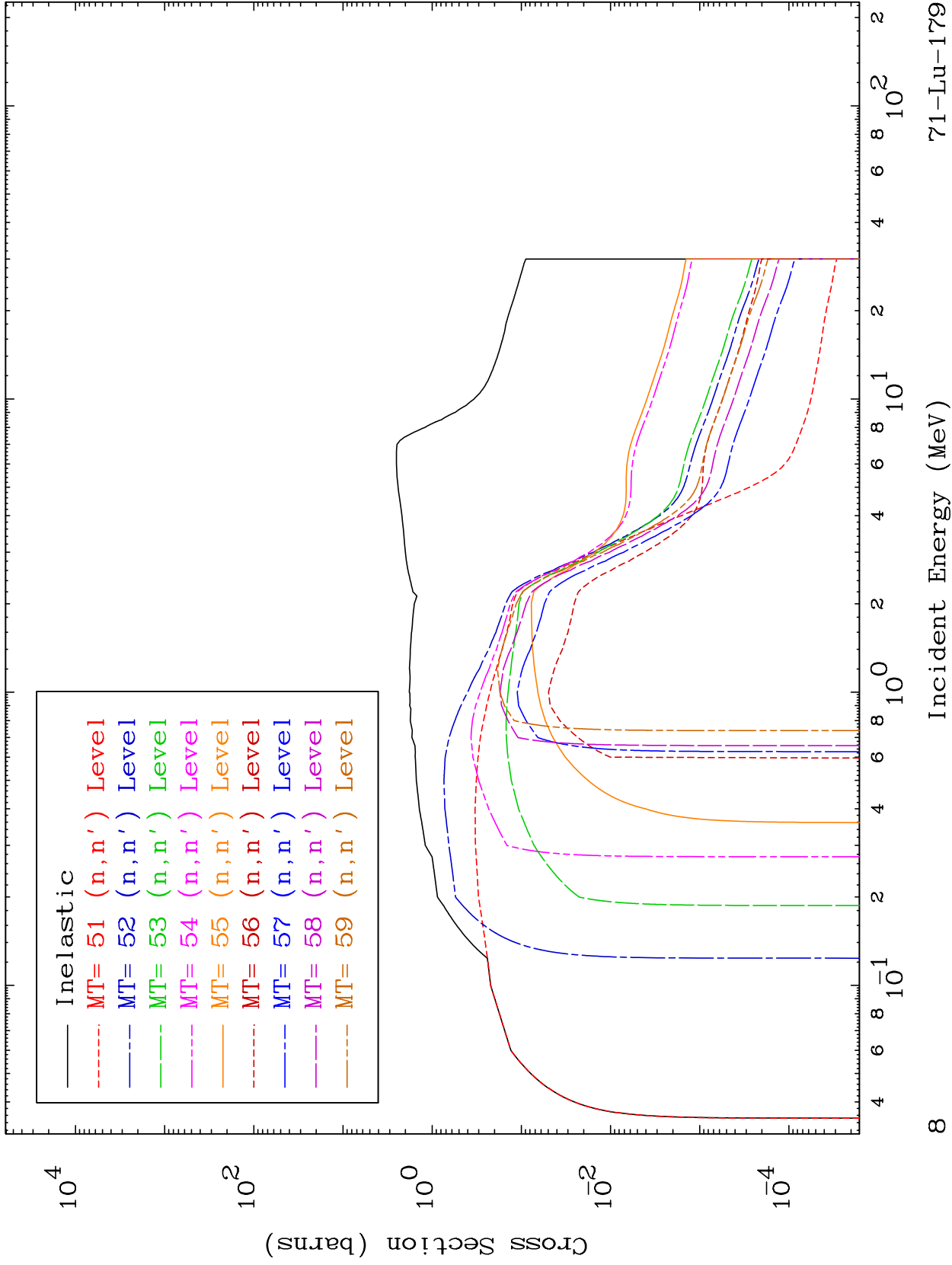


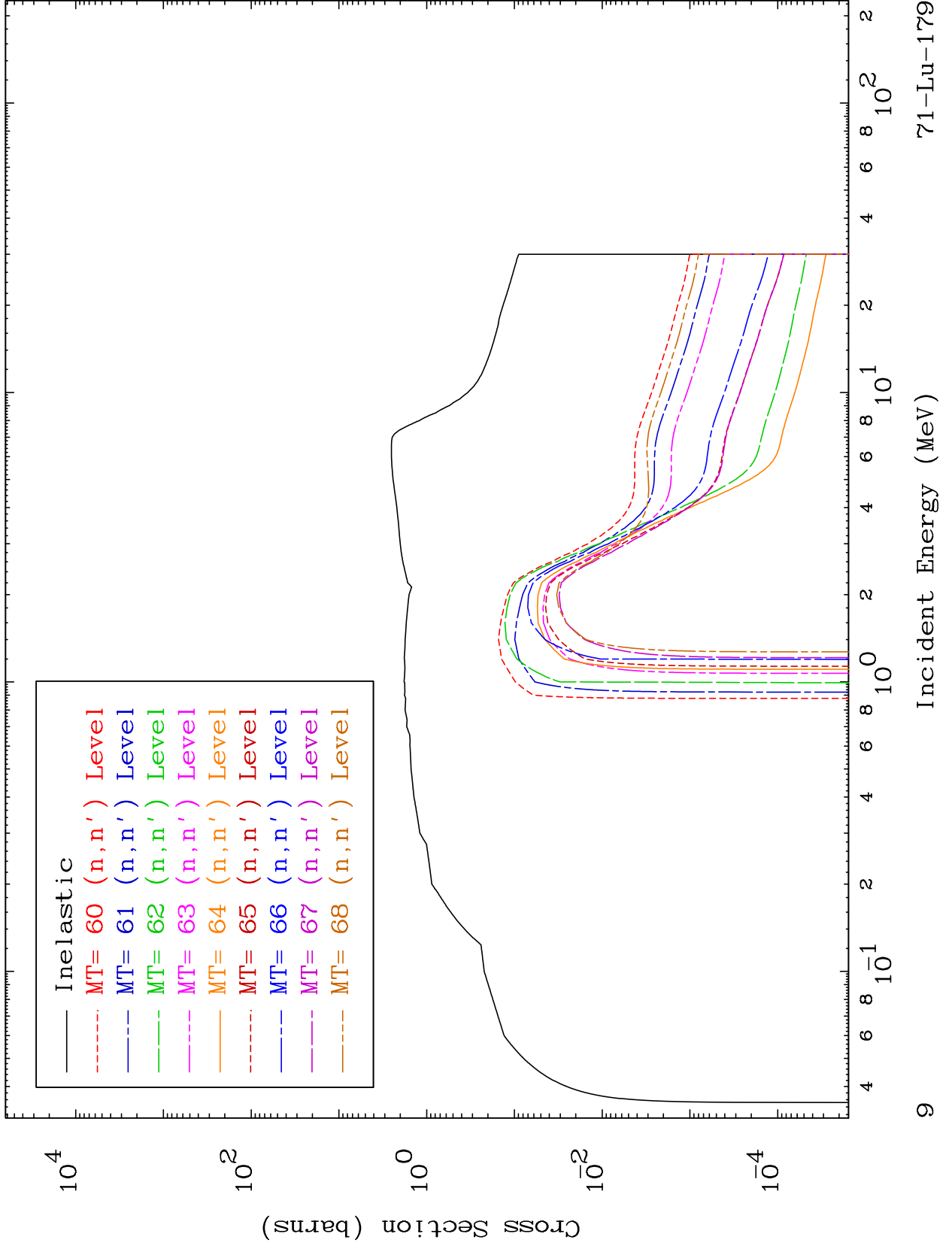
MAT 7137

Particle Production
293 Kelvin Cross Sections

71-Lu-179



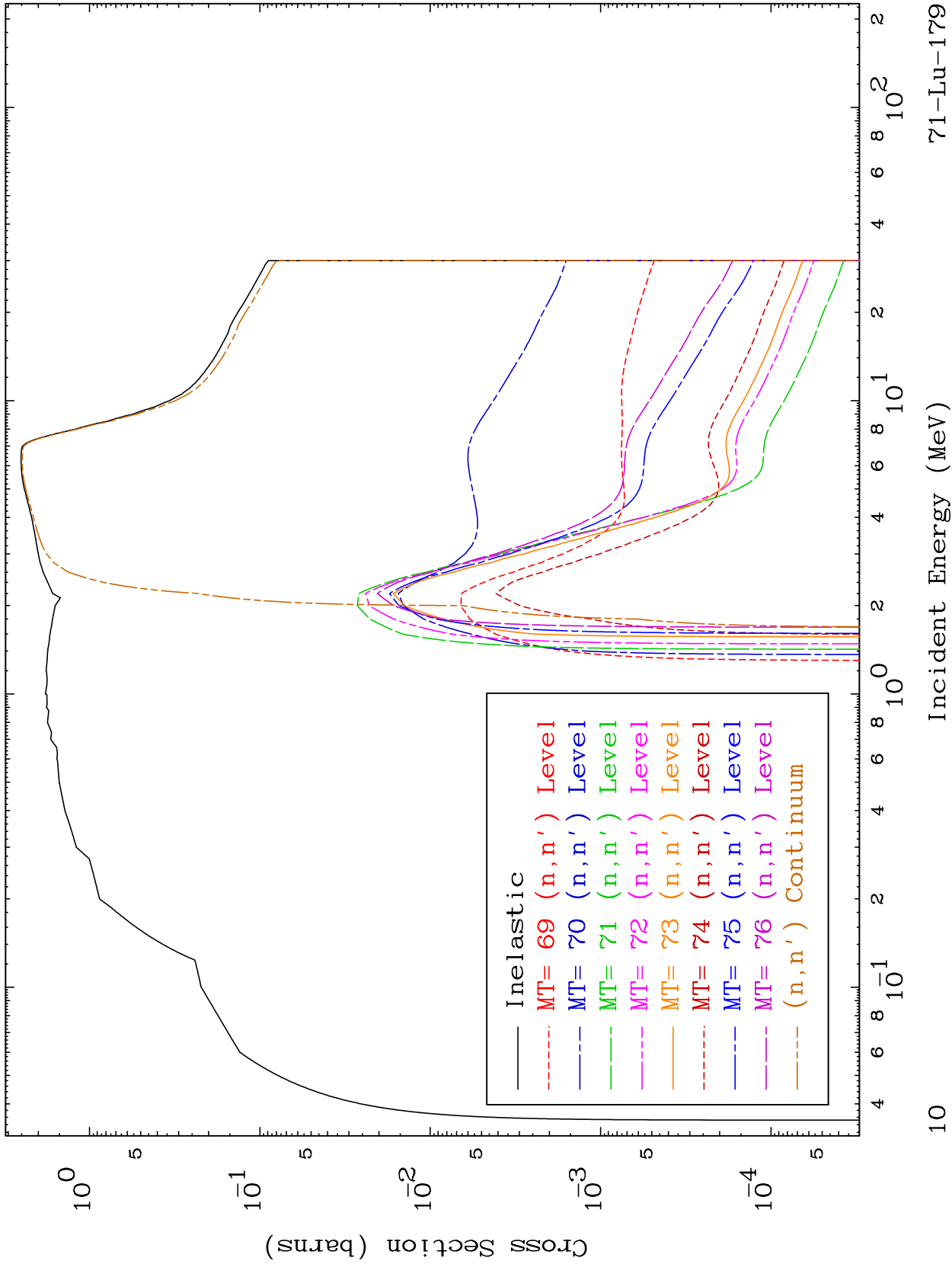




MAT 7137

293 Kelvin Cross Sections
(n,n') Levels

71-Lu-179



10

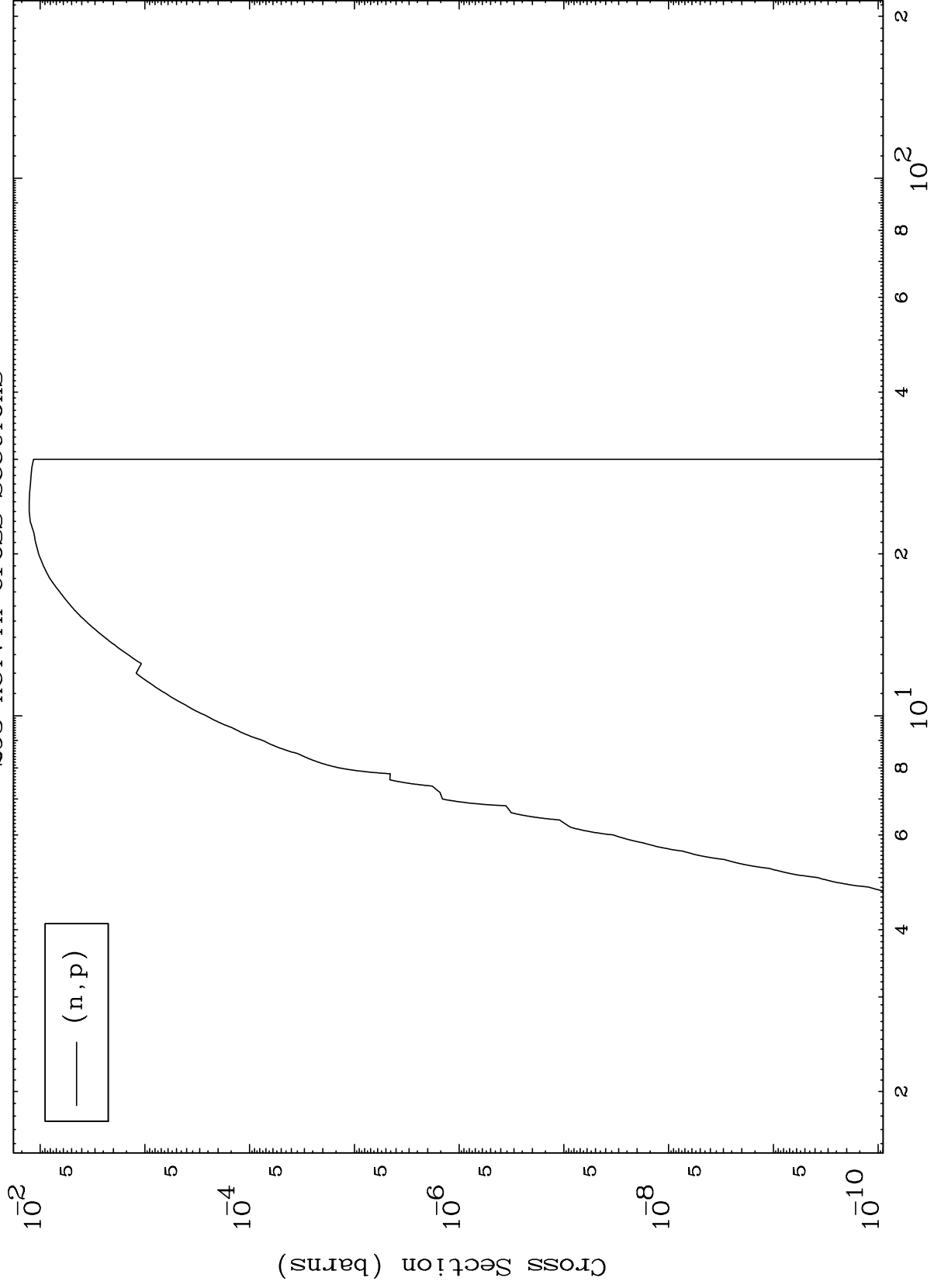
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-179



11

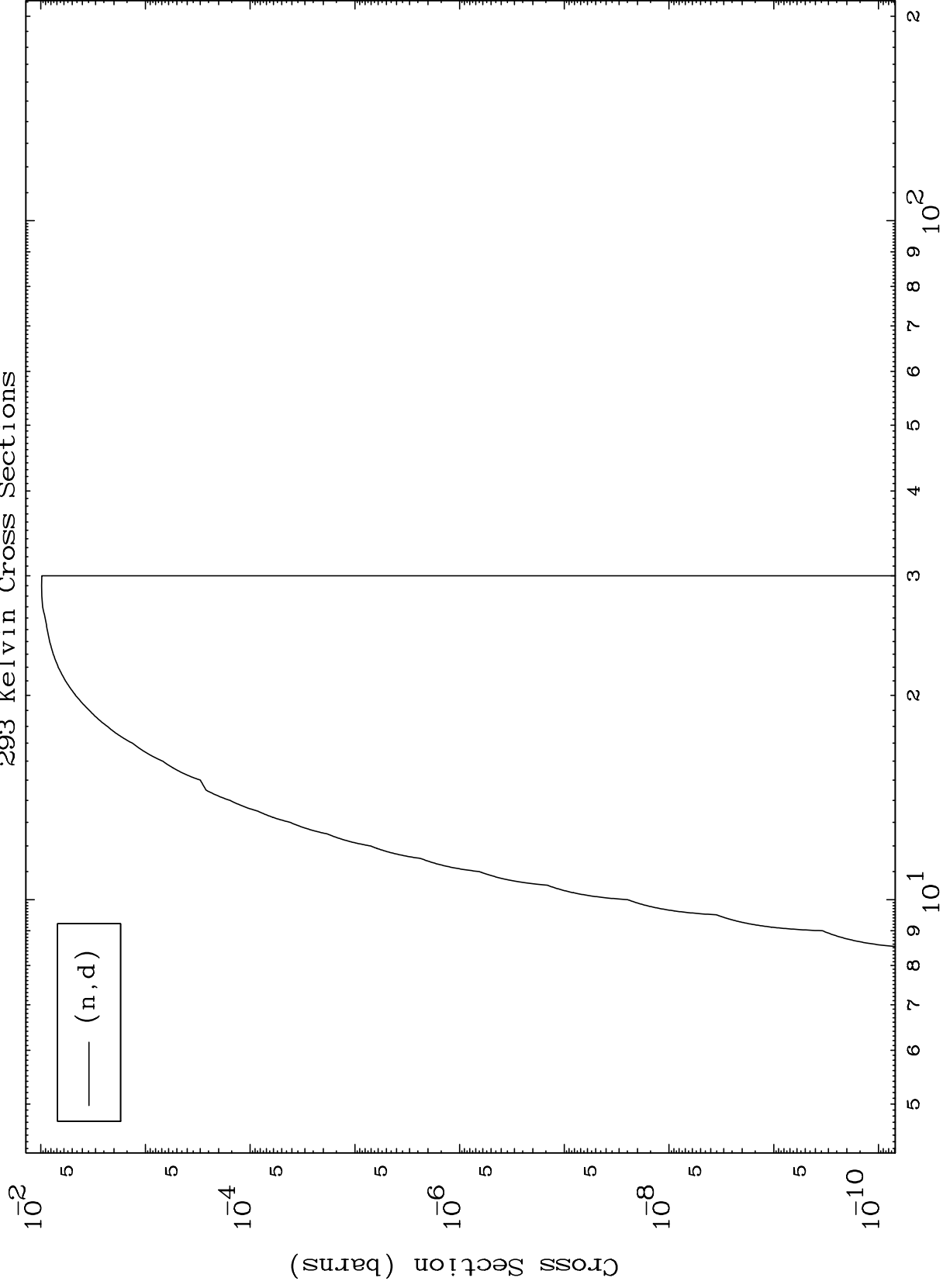
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-179



12

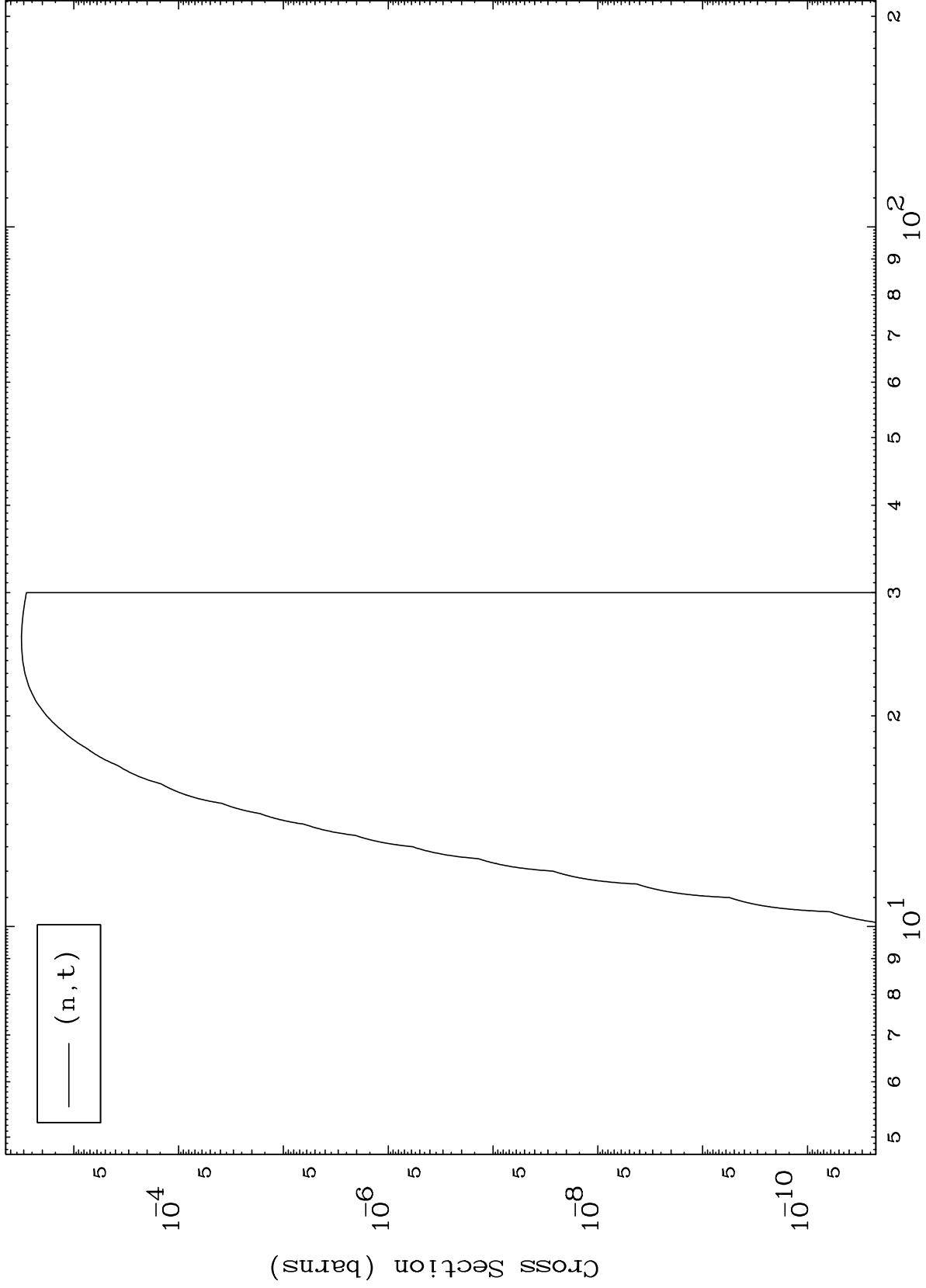
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-179



13

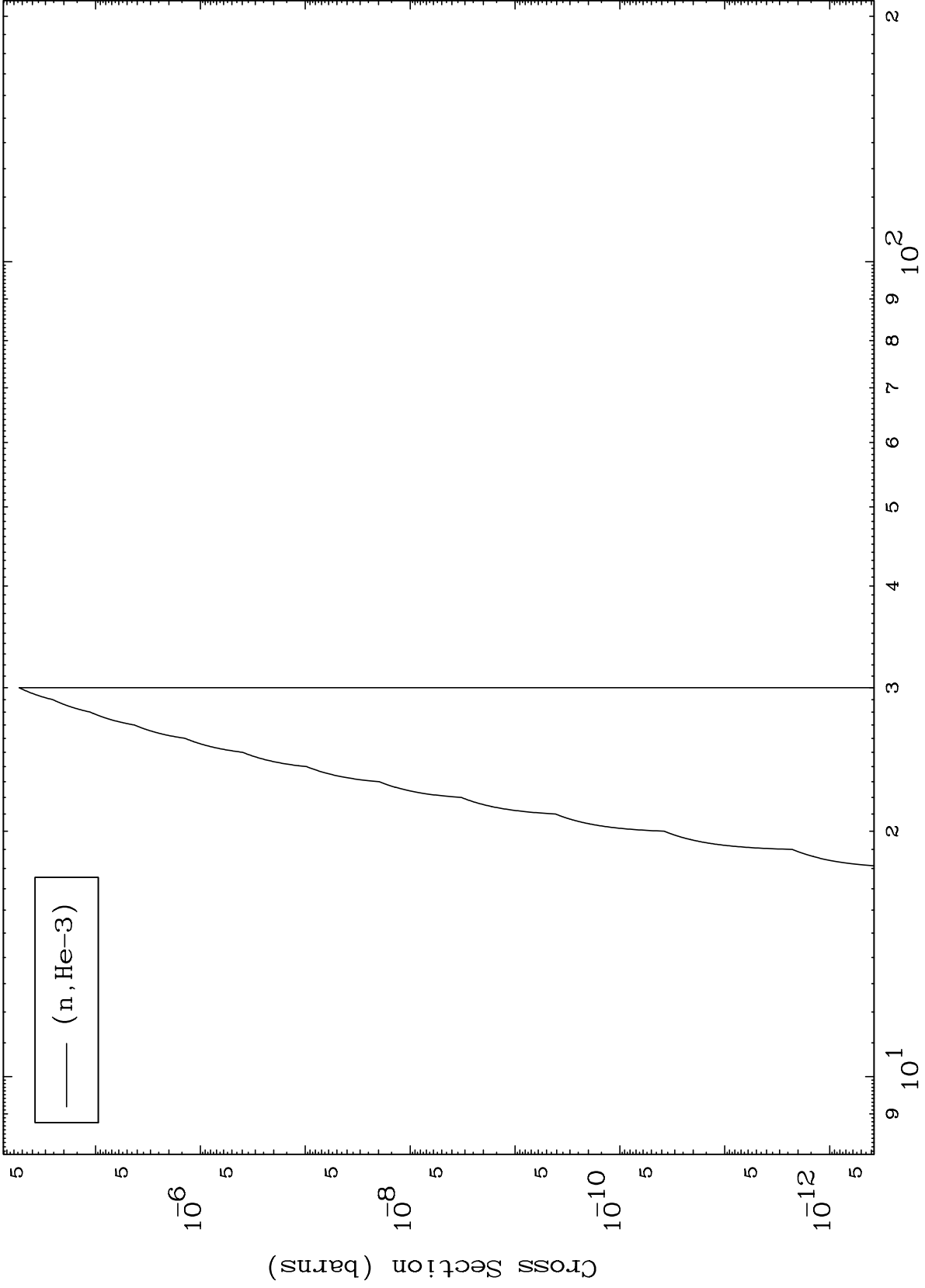
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-179



14

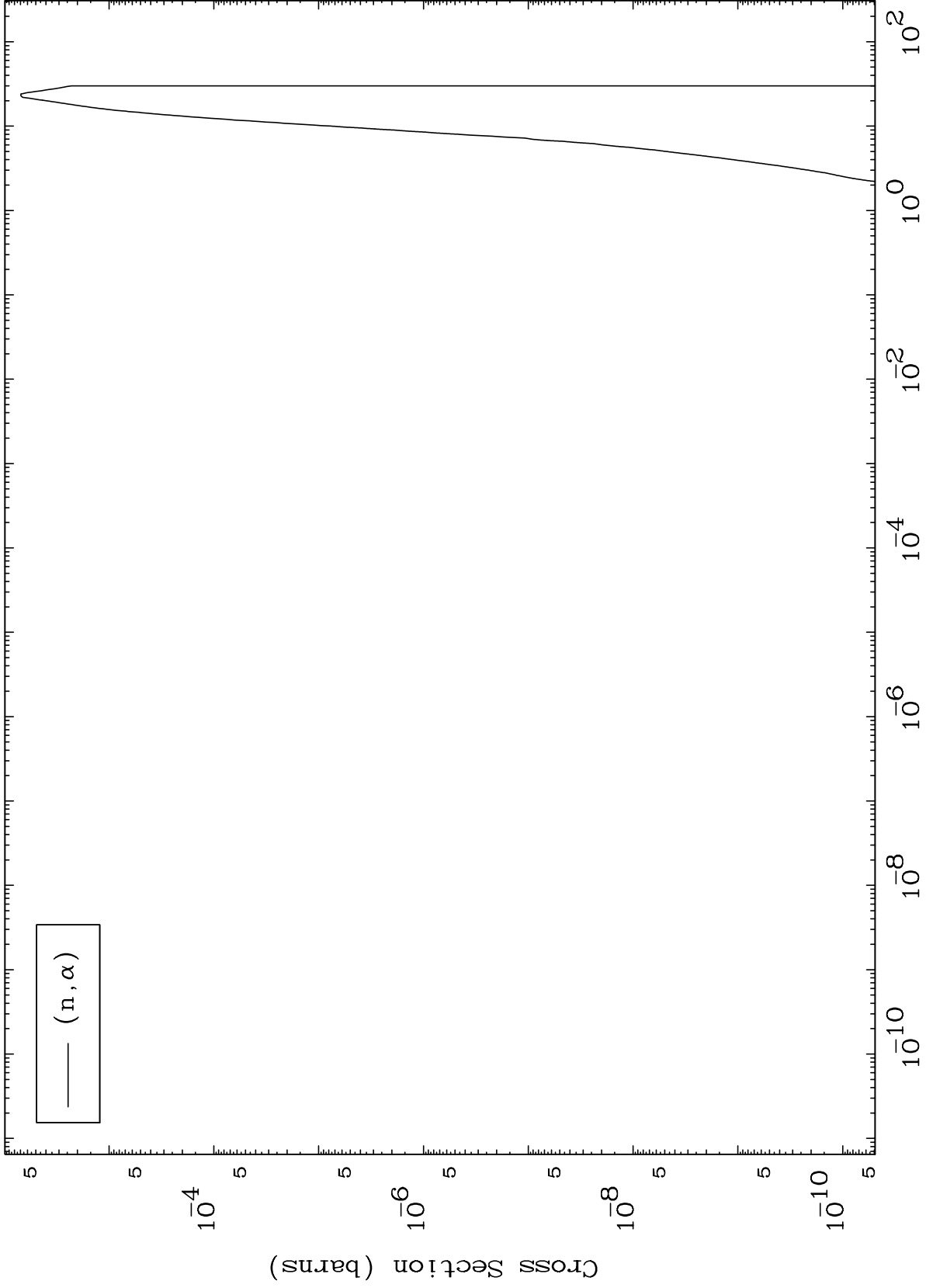
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-179



15

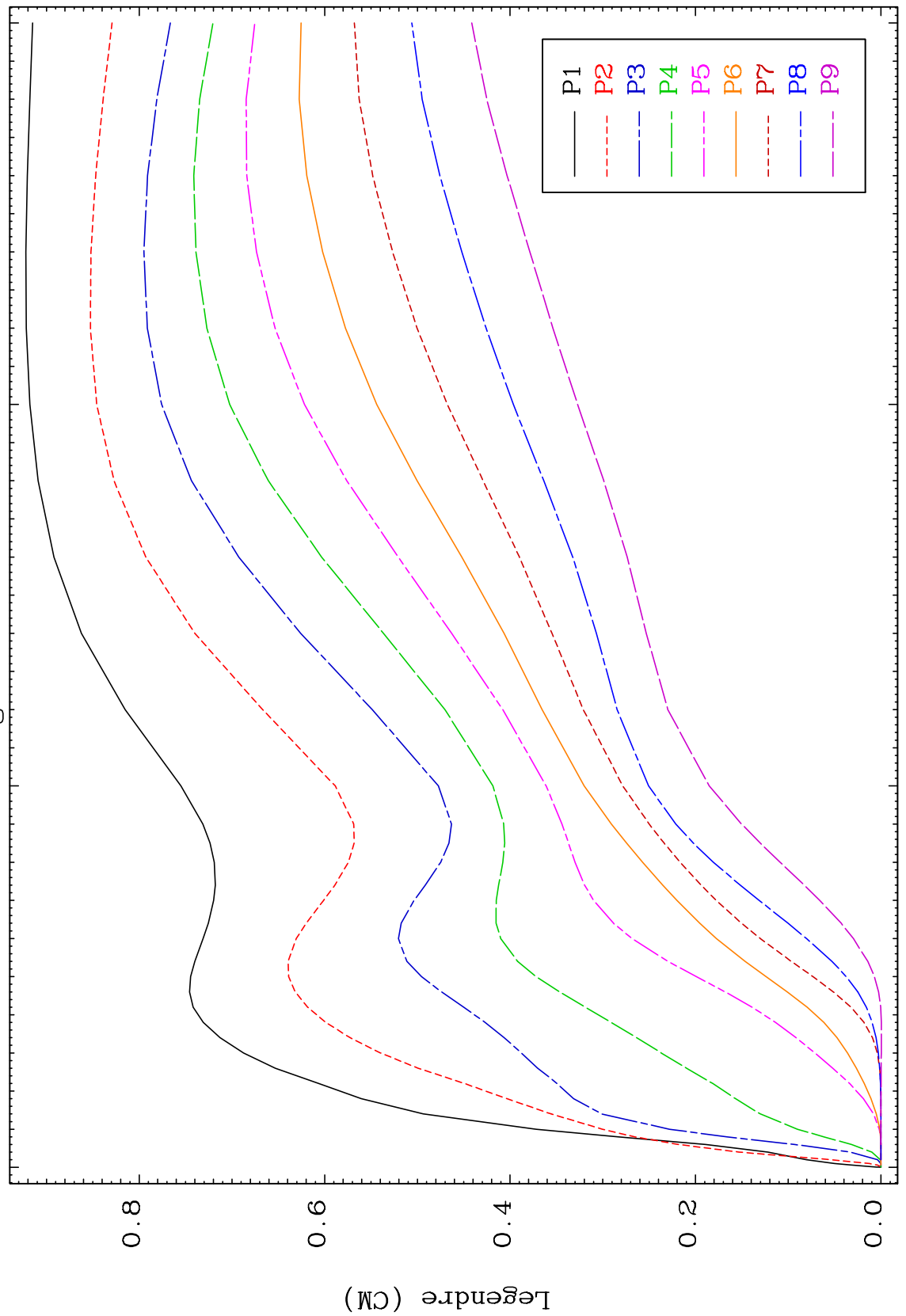
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

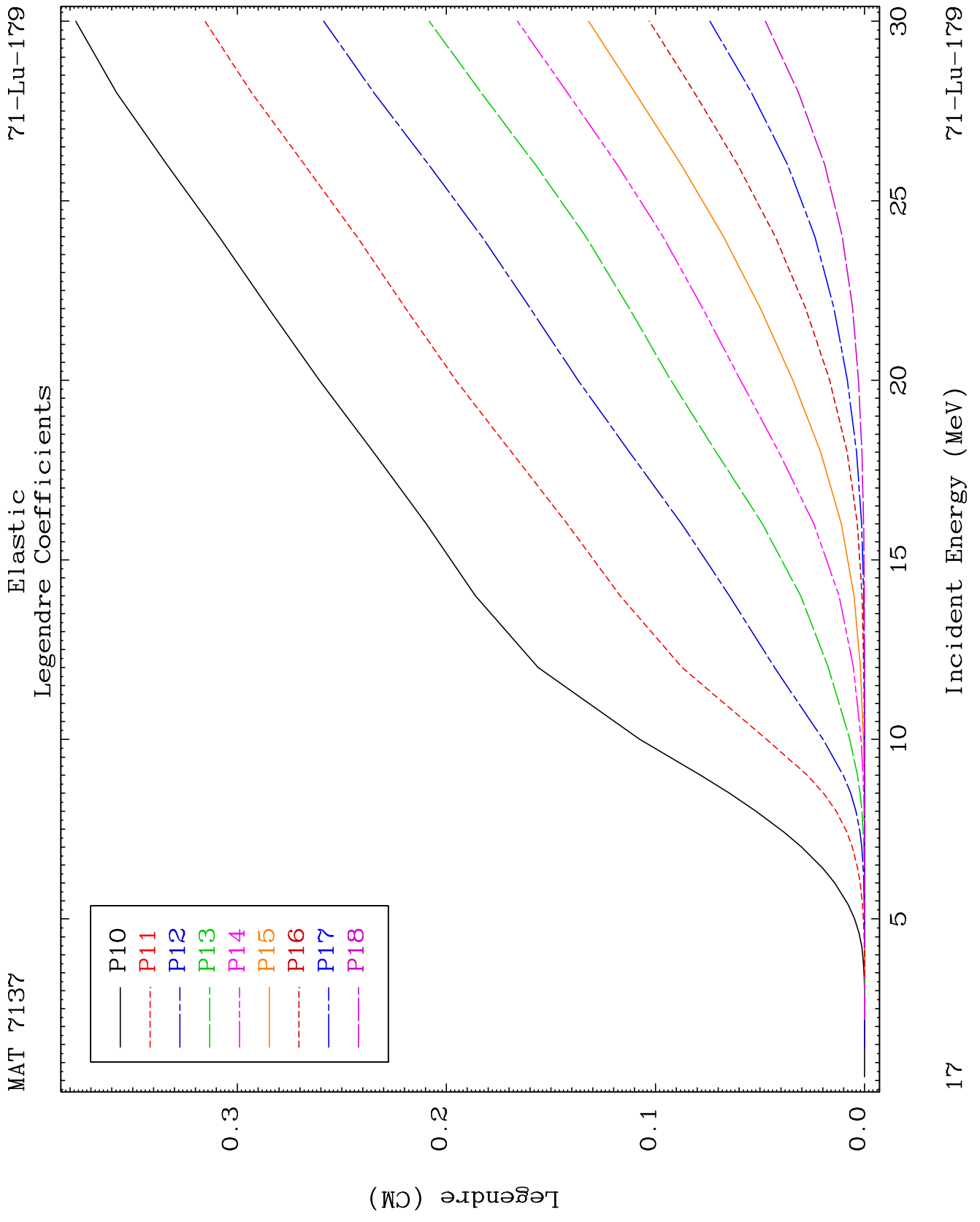
Elastic Legendre Coefficients



71-Lu-179

Incident Energy (MeV)

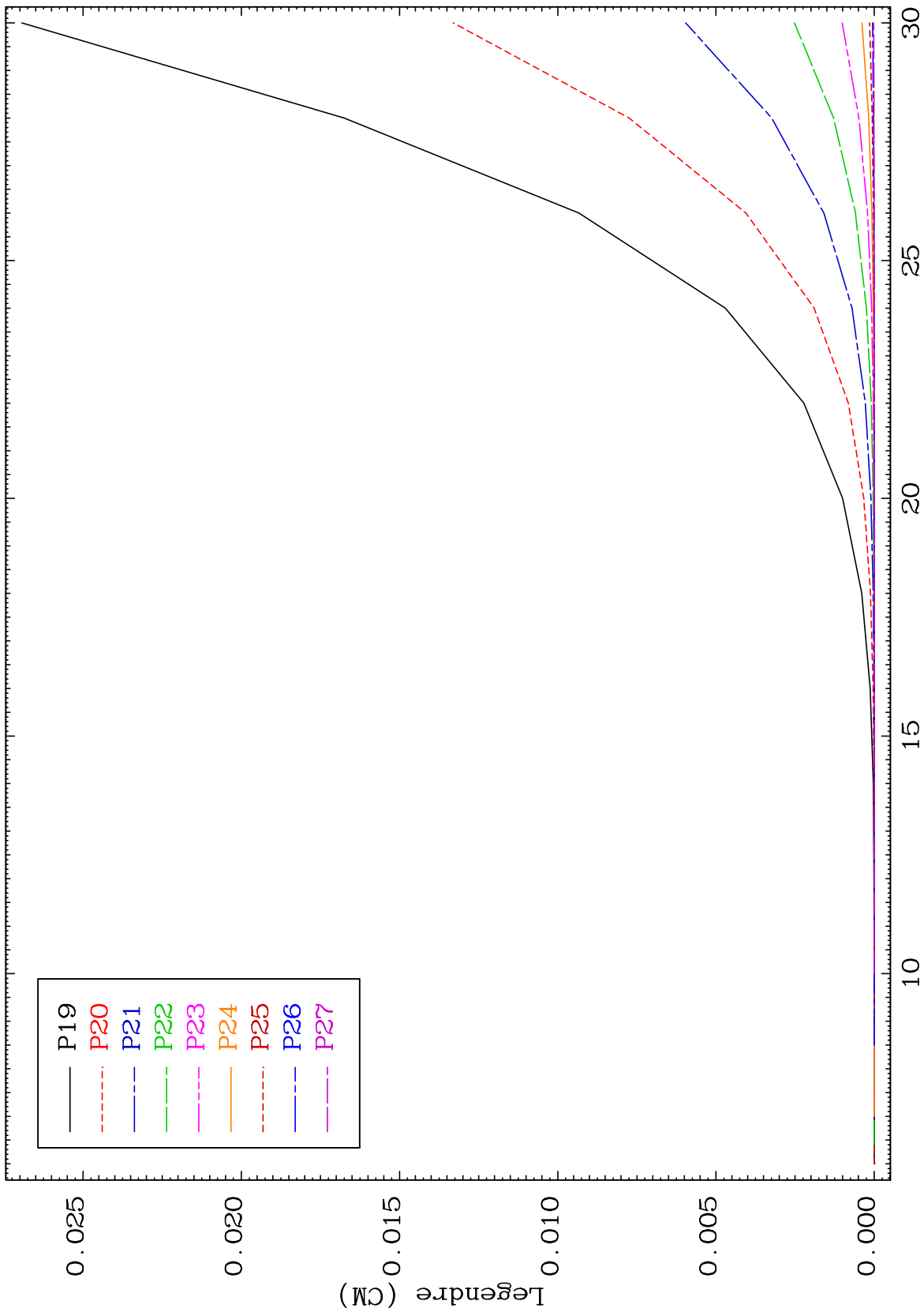
16



MAT 7137

Elastic Legendre Coefficients

71-Lu-179



18

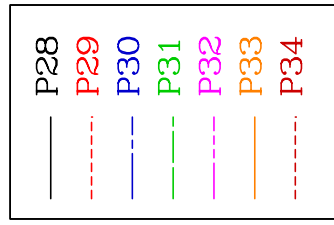
Incident Energy (MeV)

71-Lu-179

MAT 7137

Elastic
Legendre Coefficients

71-Lu-179



$\times 10^{-66}$

Legendre (CM)

4

2

0

15

20

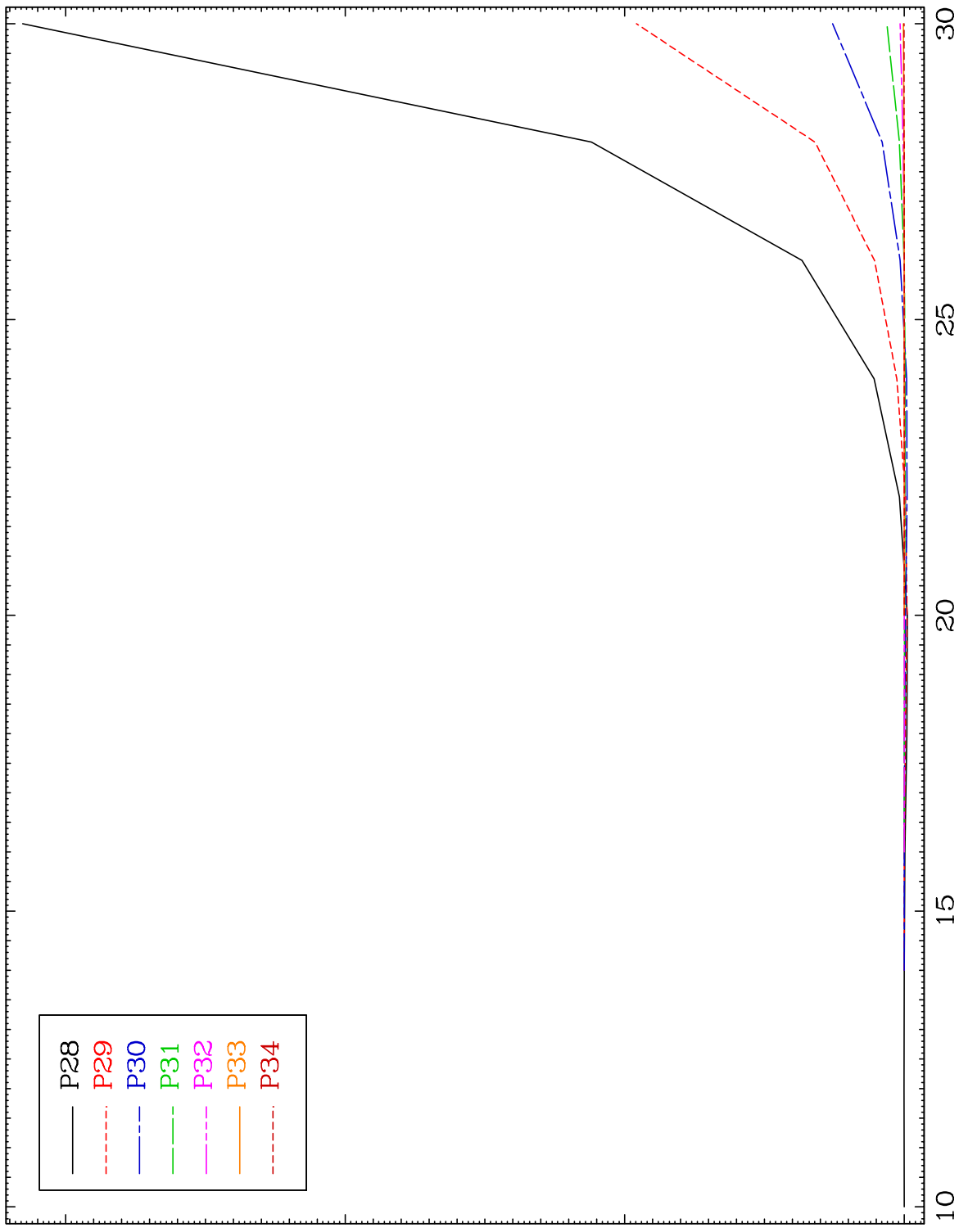
25

30

19

Incident Energy (MeV)

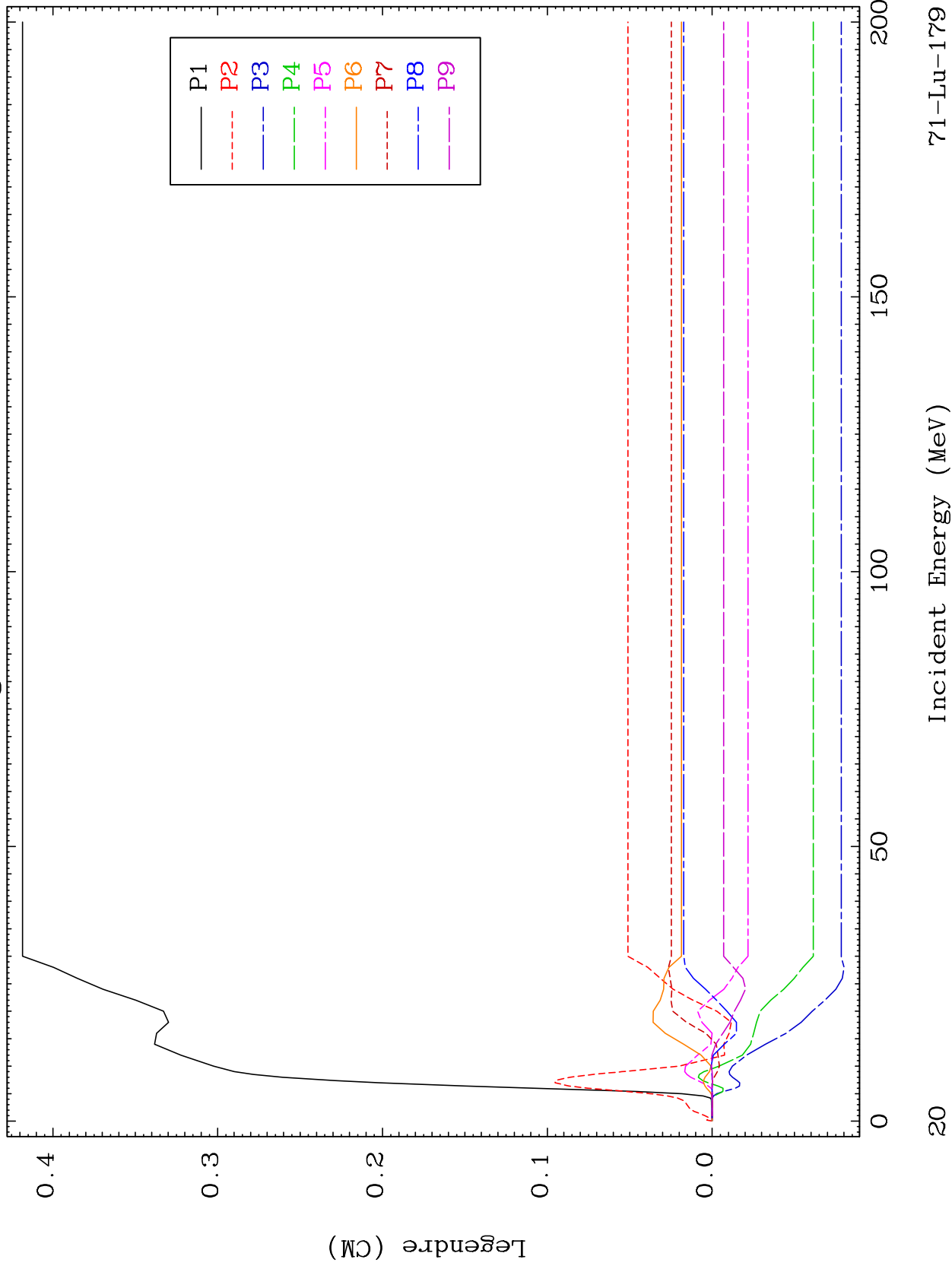
71-Lu-179



MAT 7137

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

71-Lu-179



71-Lu-179

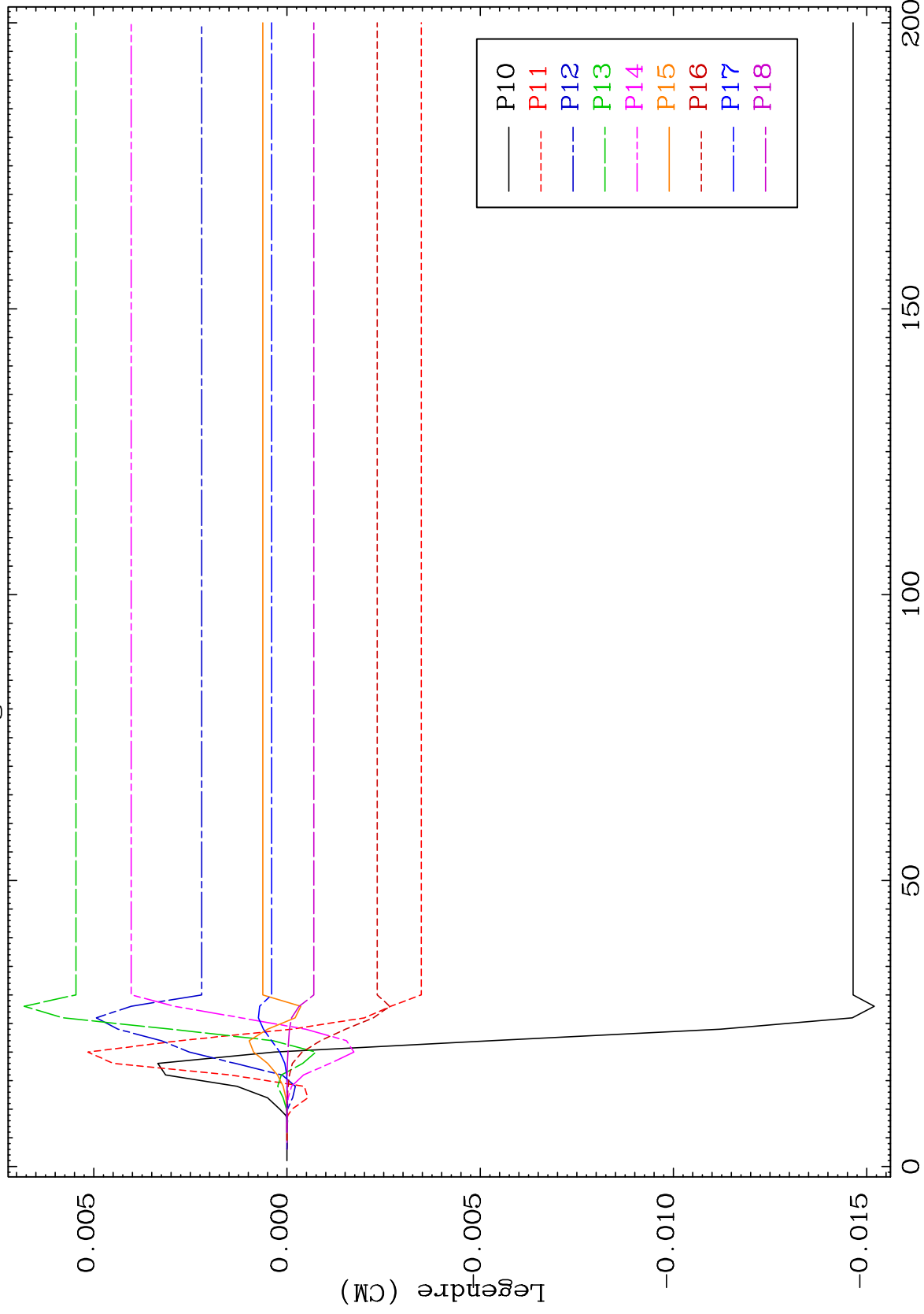
Incident Energy (MeV)

20

MAT 7137

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

71-Lu-179



21

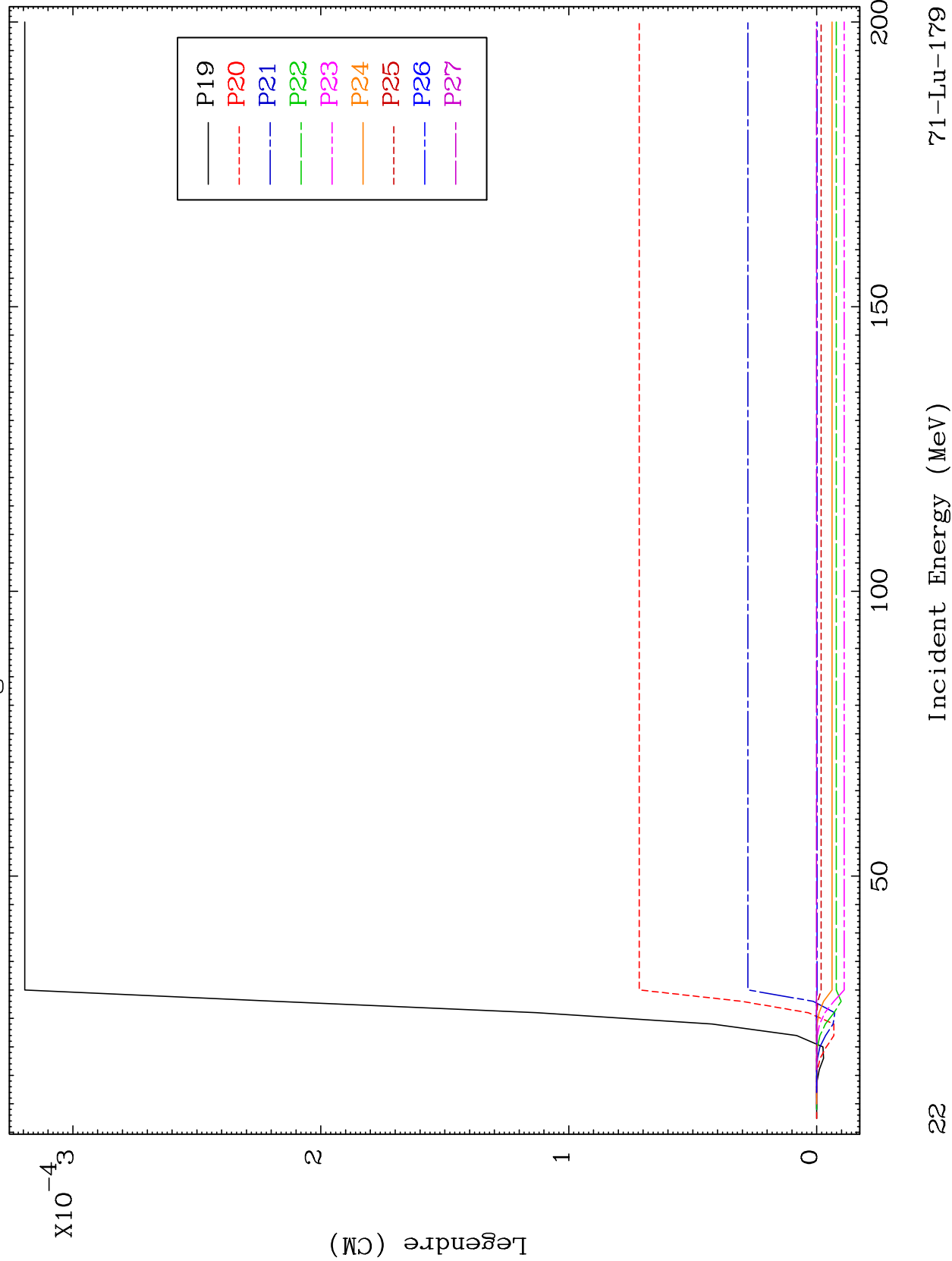
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



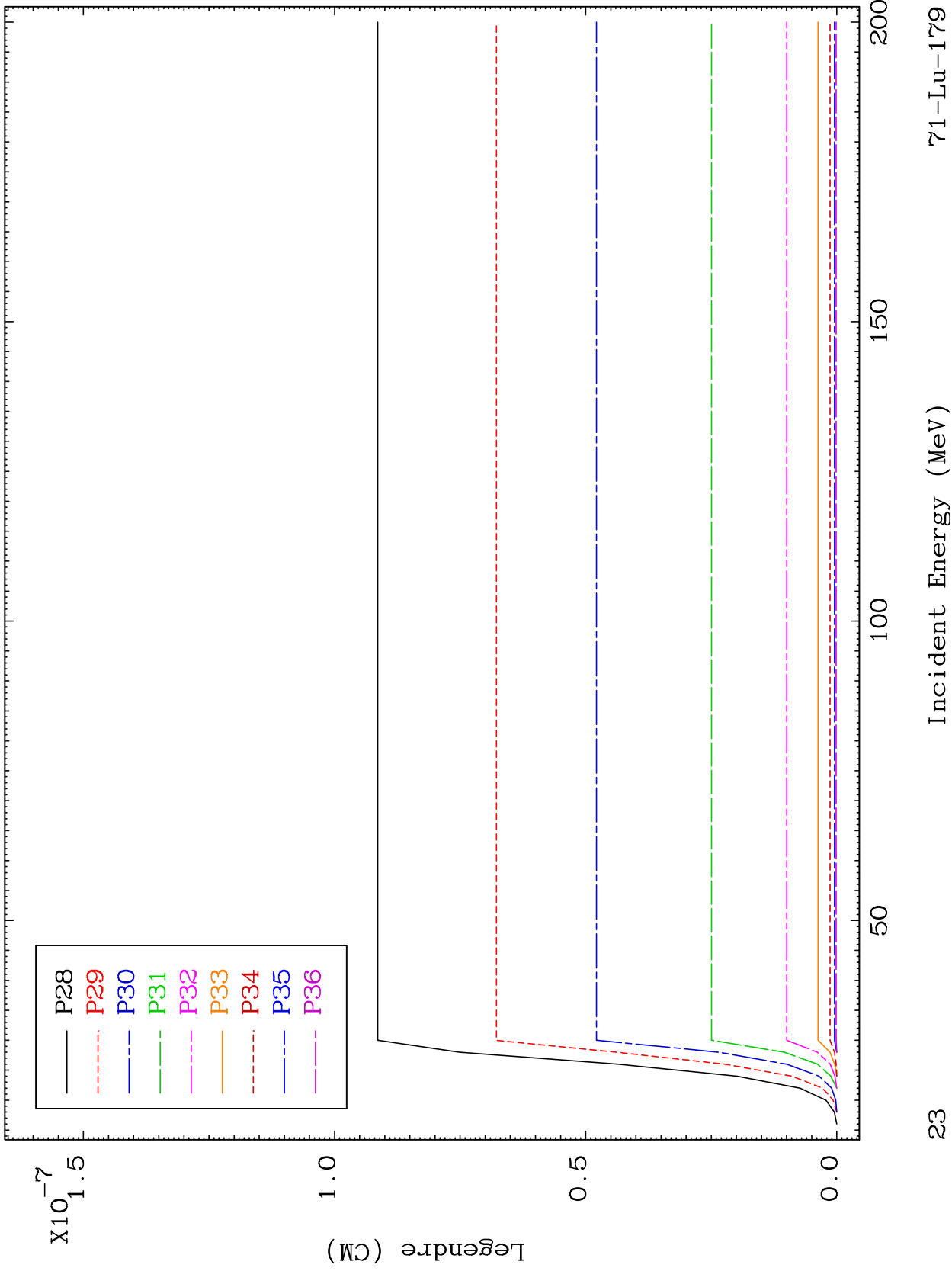
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71-Lu-179

MAT 7137

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

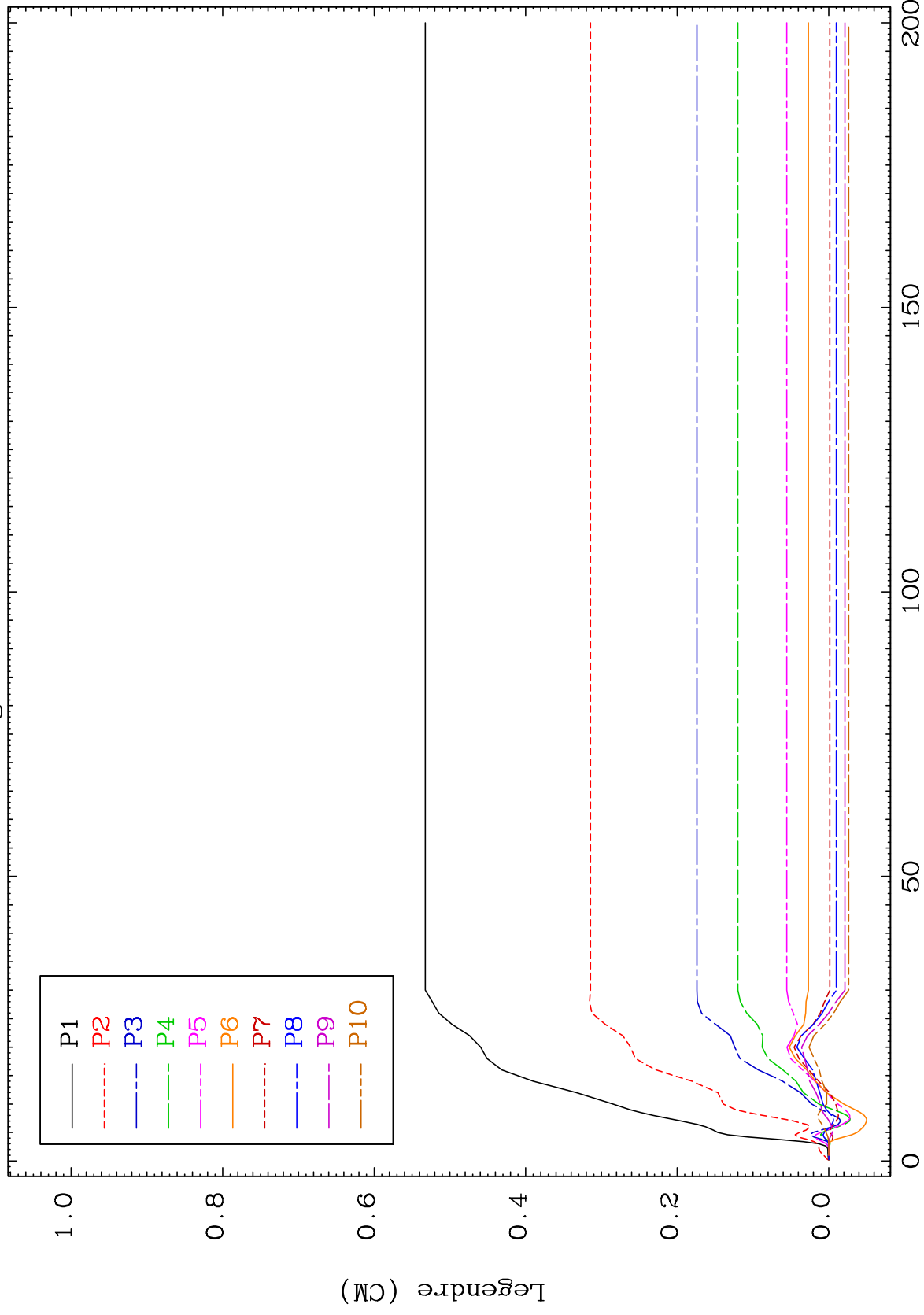
71-Lu-179



MAT 7137

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

71-Lu-179



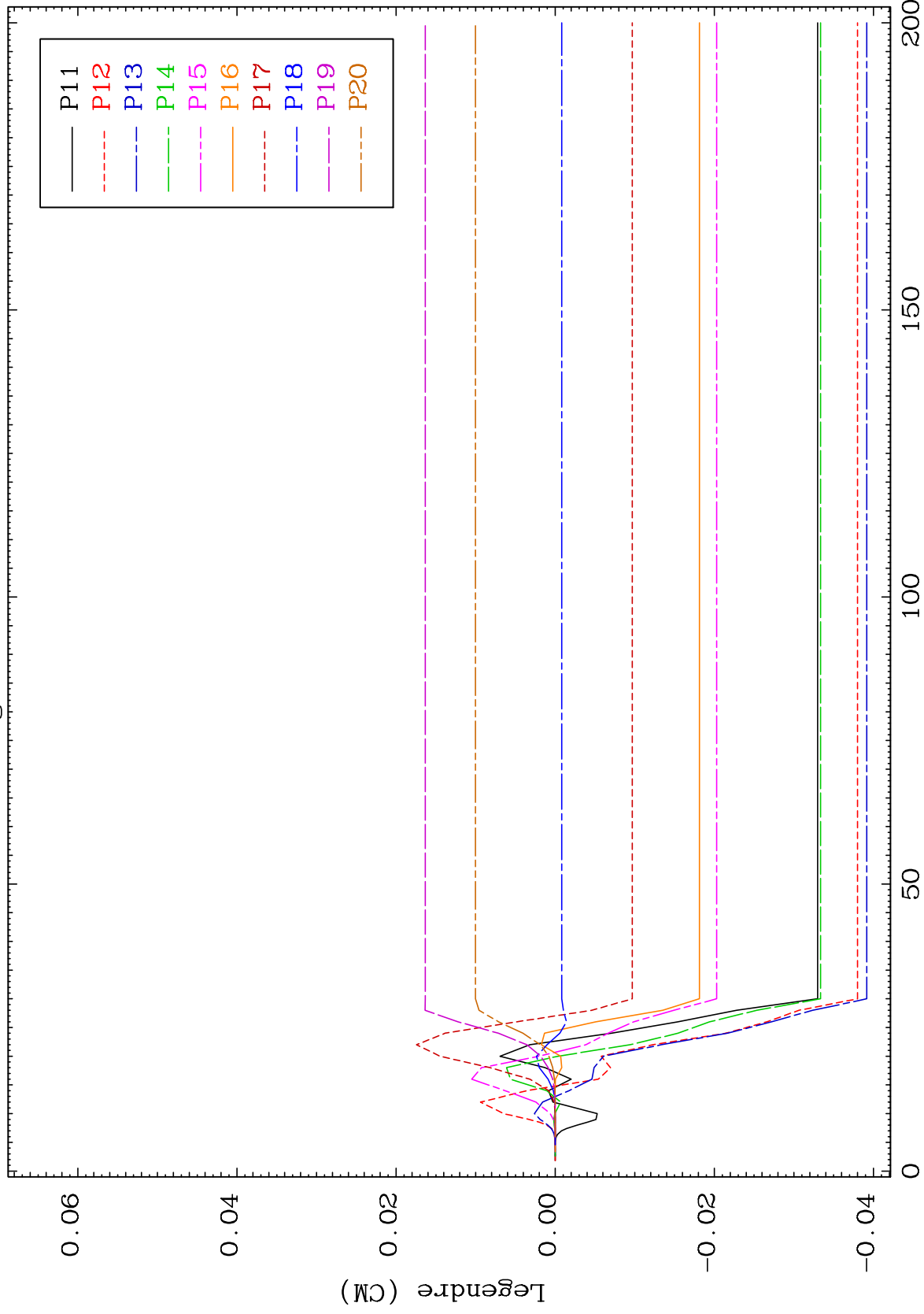
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71-Lu-179

MAT 7137

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

71-Lu-179



25

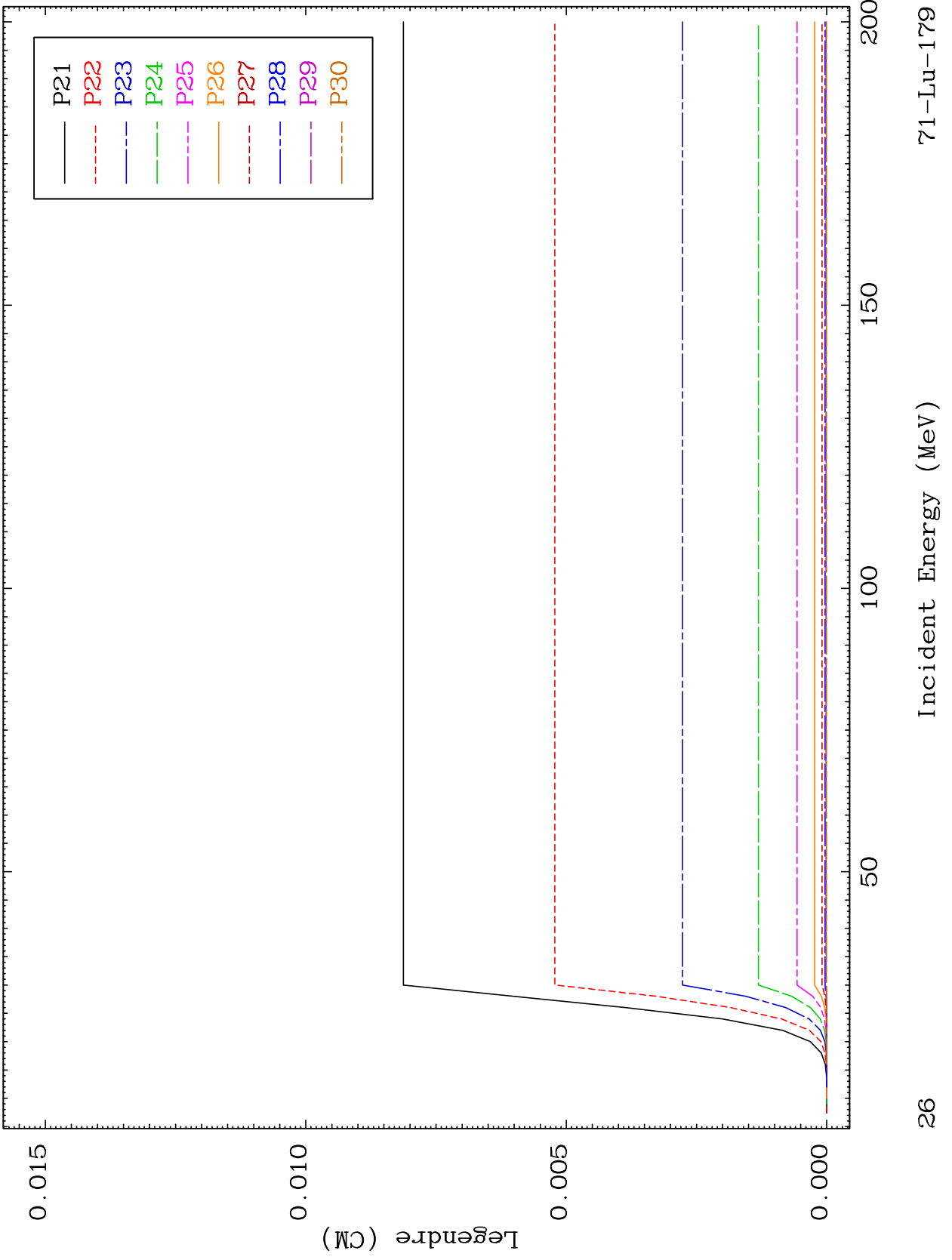
71-Lu-179

71-Lu-179

MAT 7137

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

71-Lu-179



26

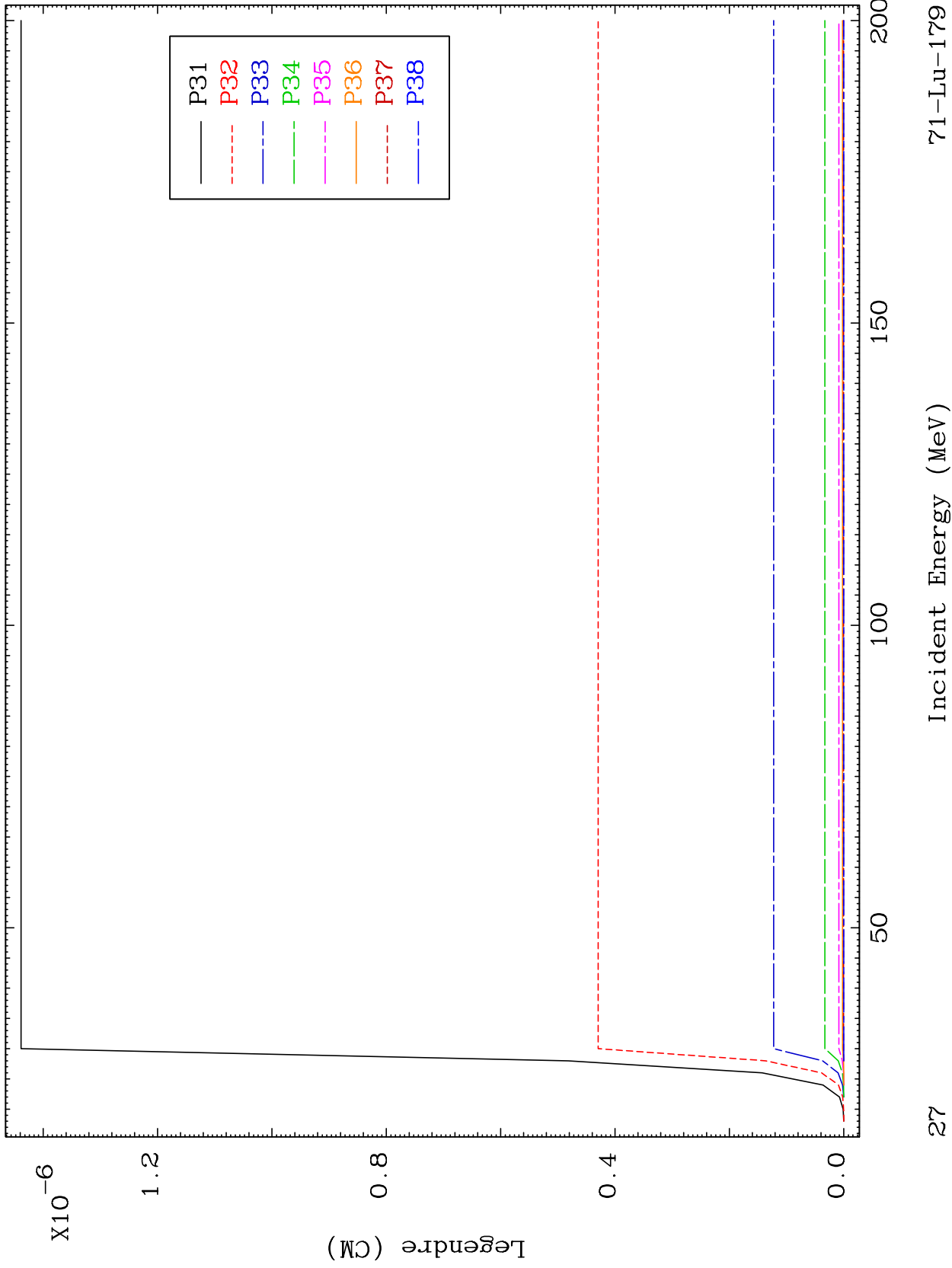
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179

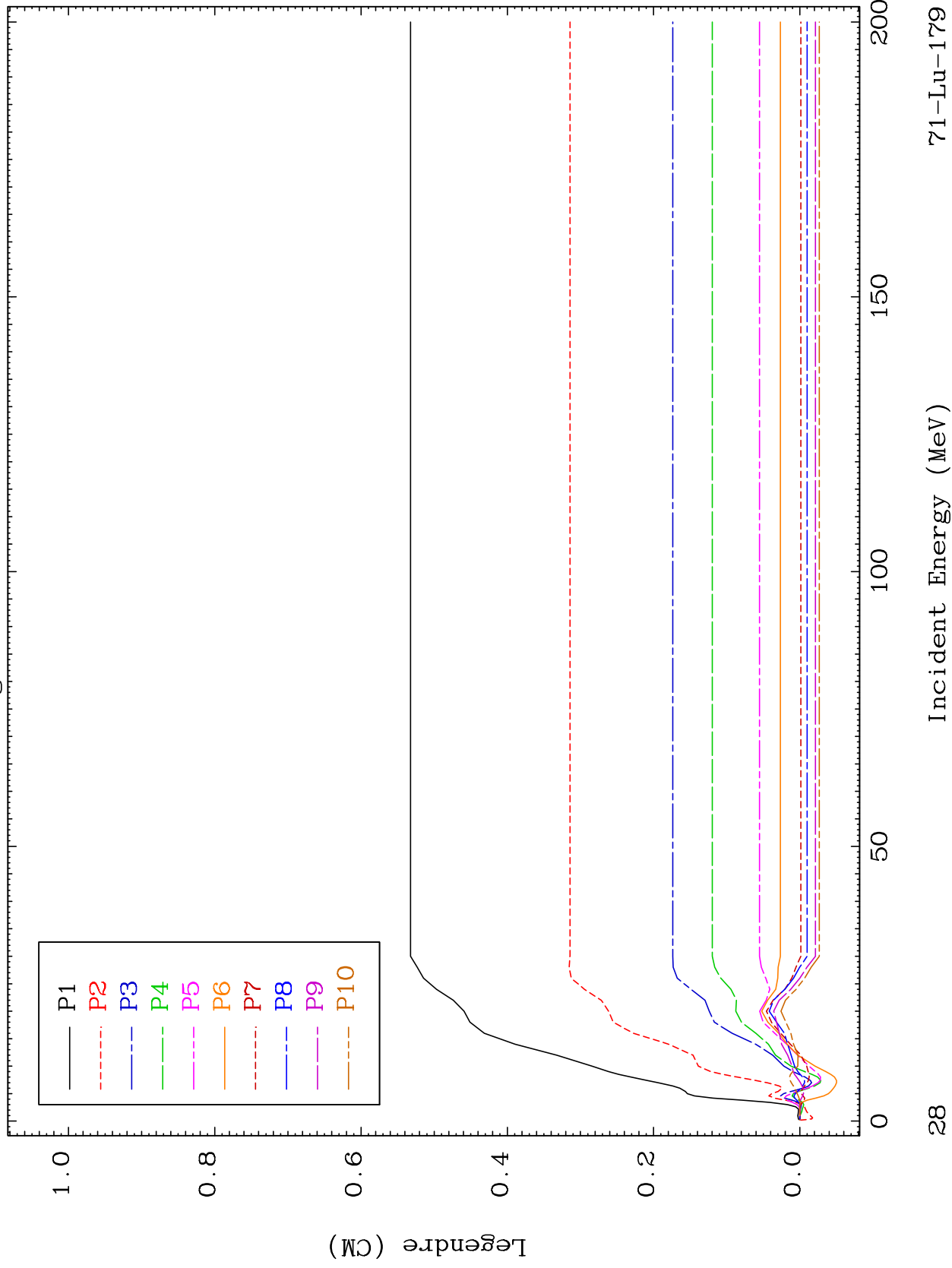


27

MAT 7137

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

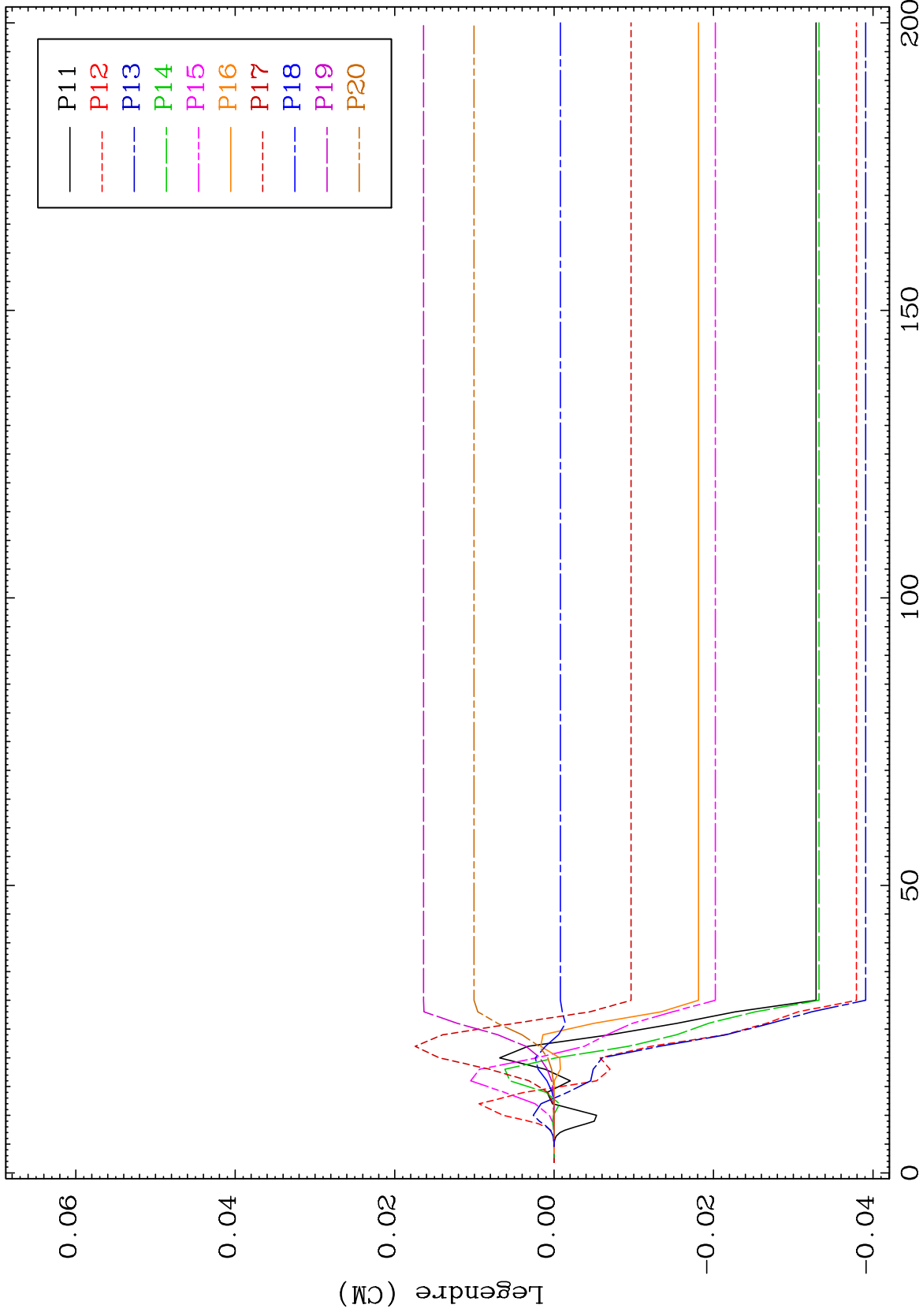
71-Lu-179



MAT 7137

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

71-Lu-179



29

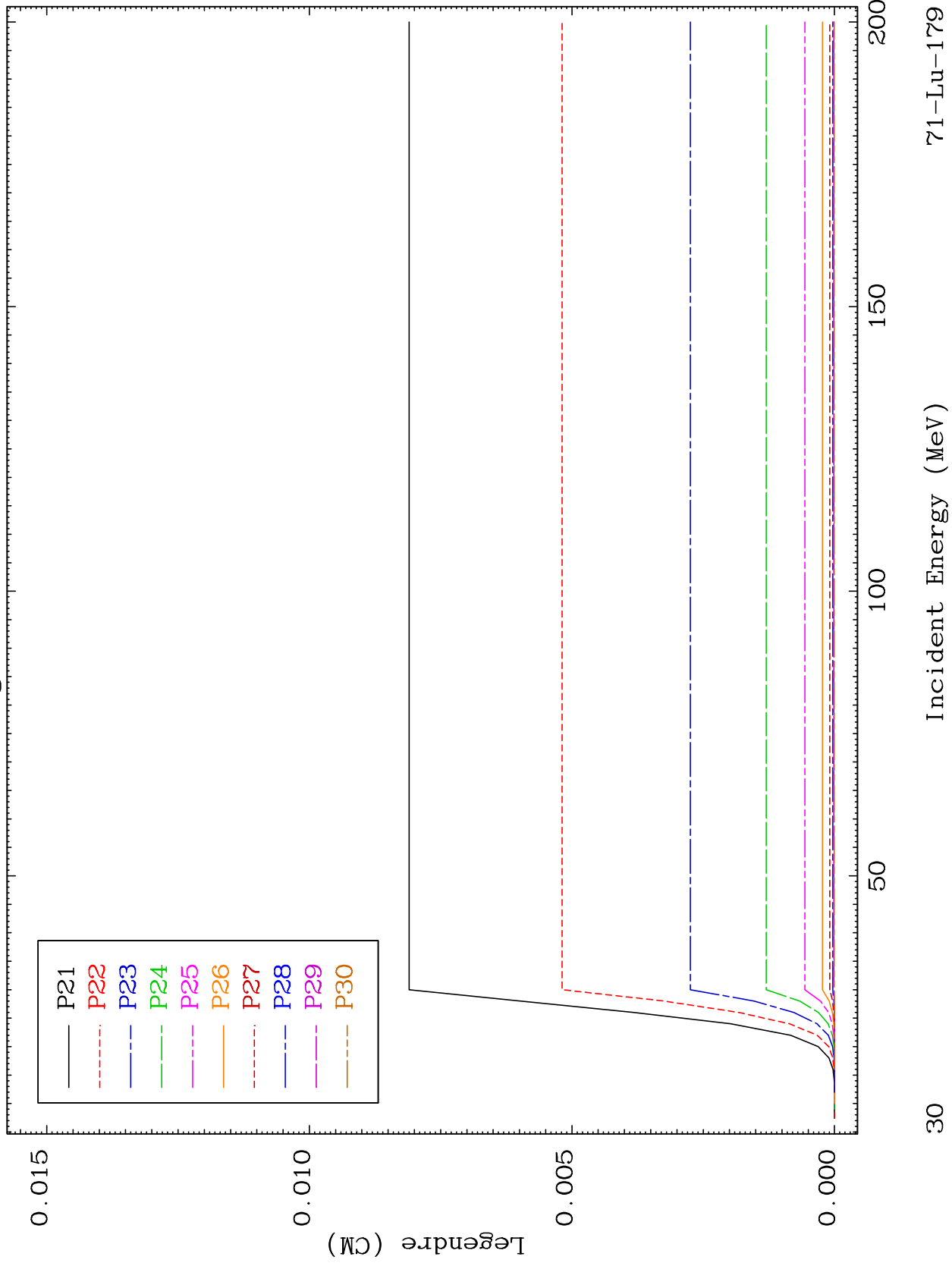
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



30

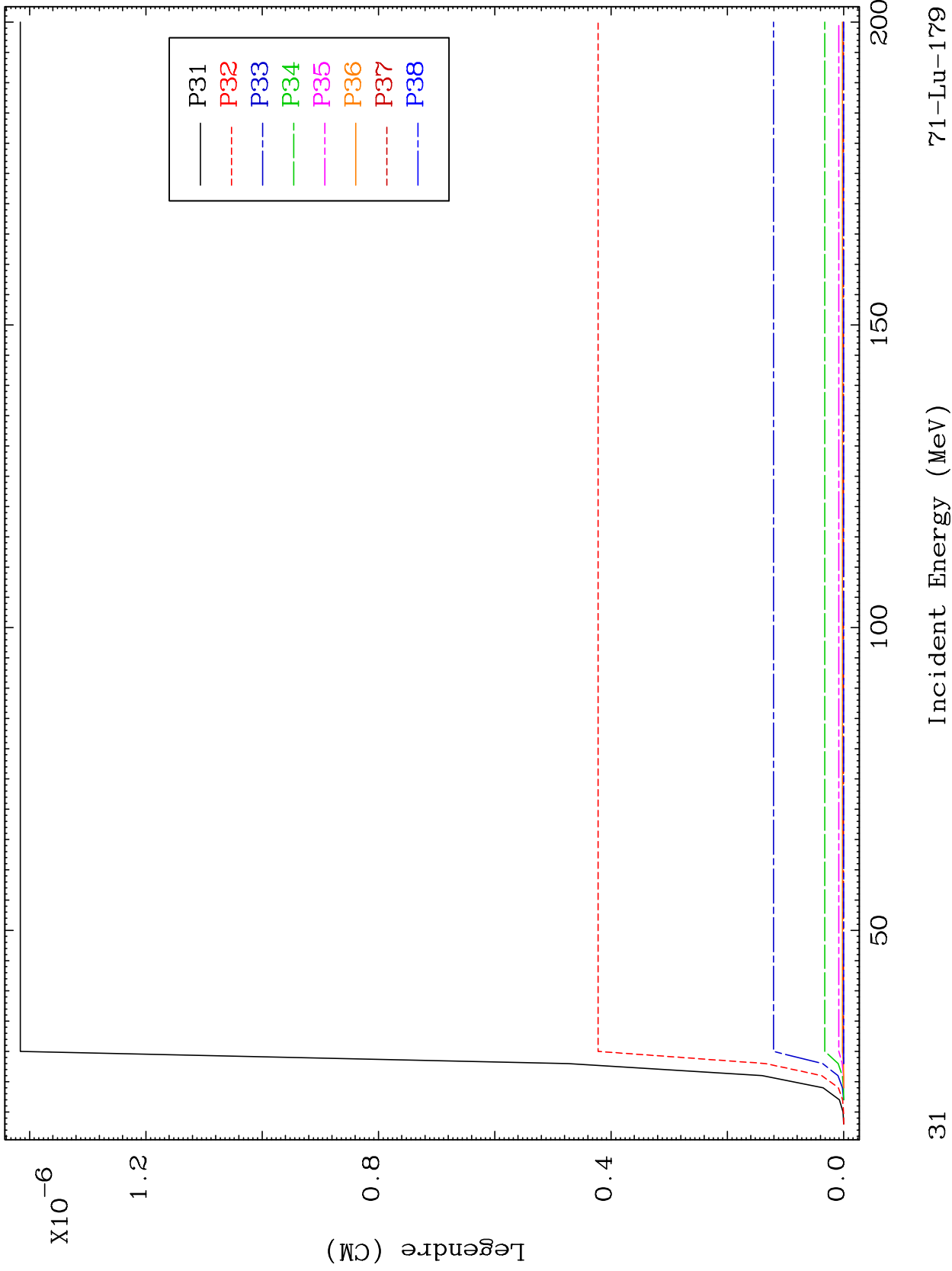
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



31

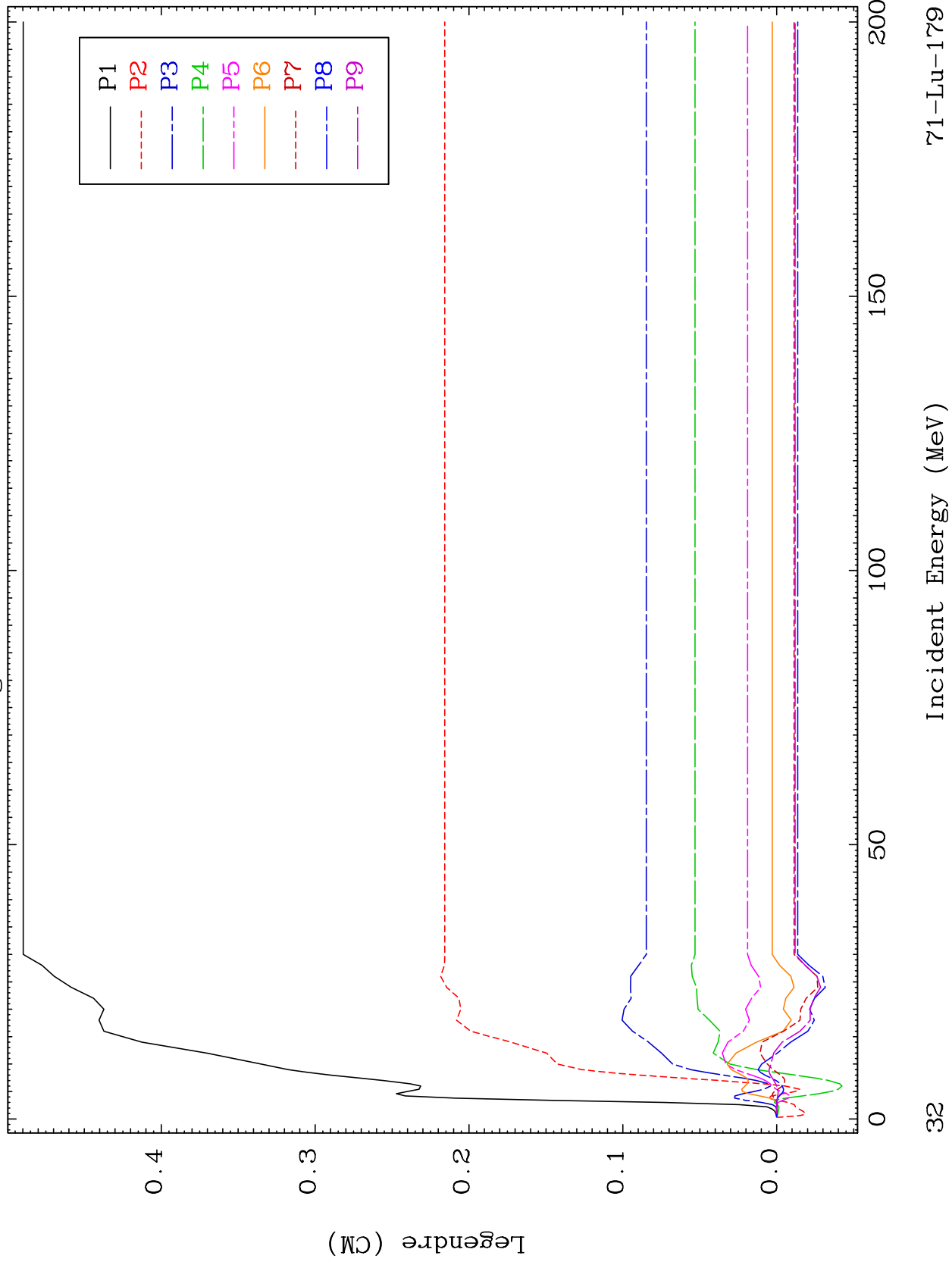
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

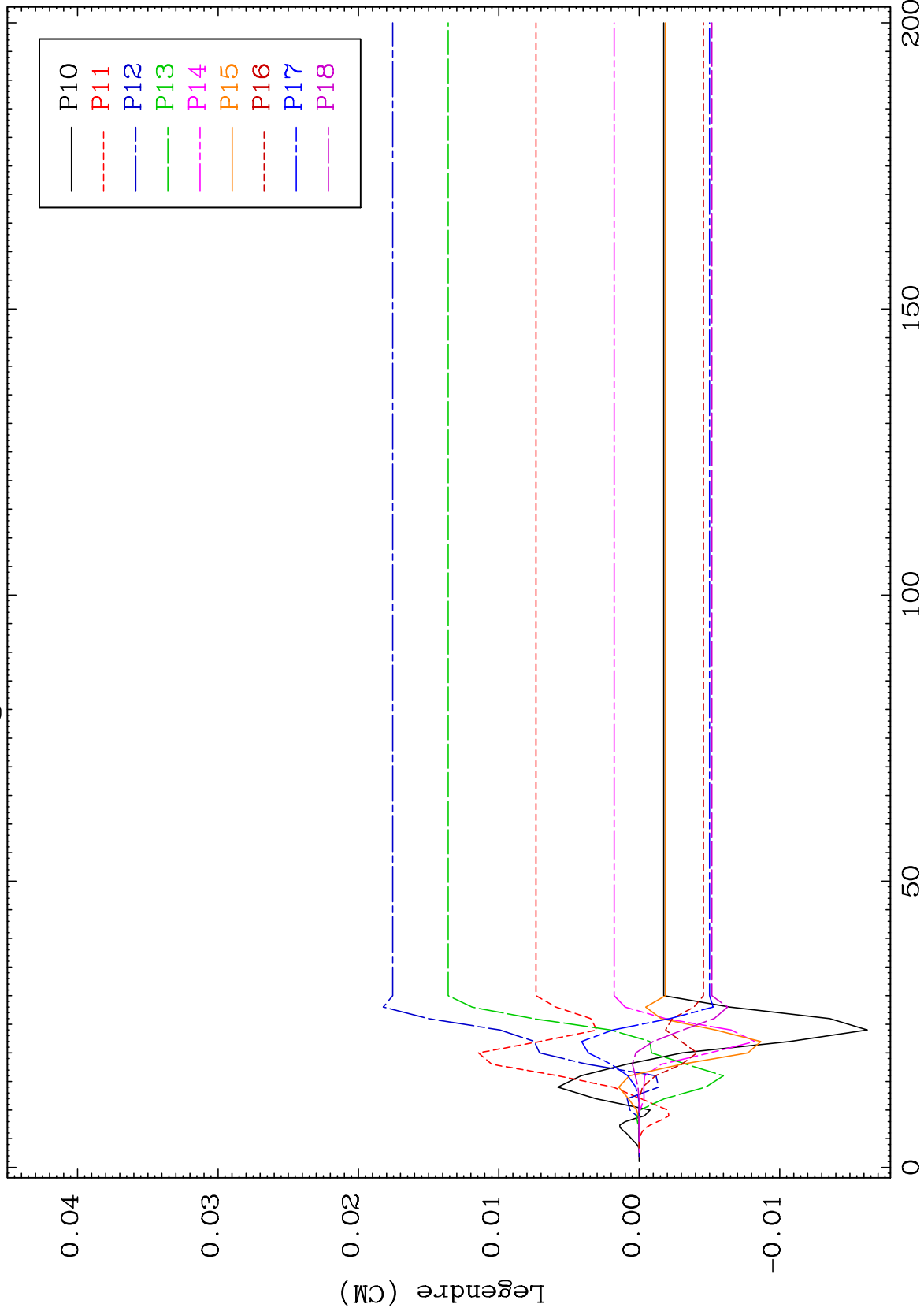
Incident Energy (MeV)

32

MAT 7137

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

71-Lu-179



33

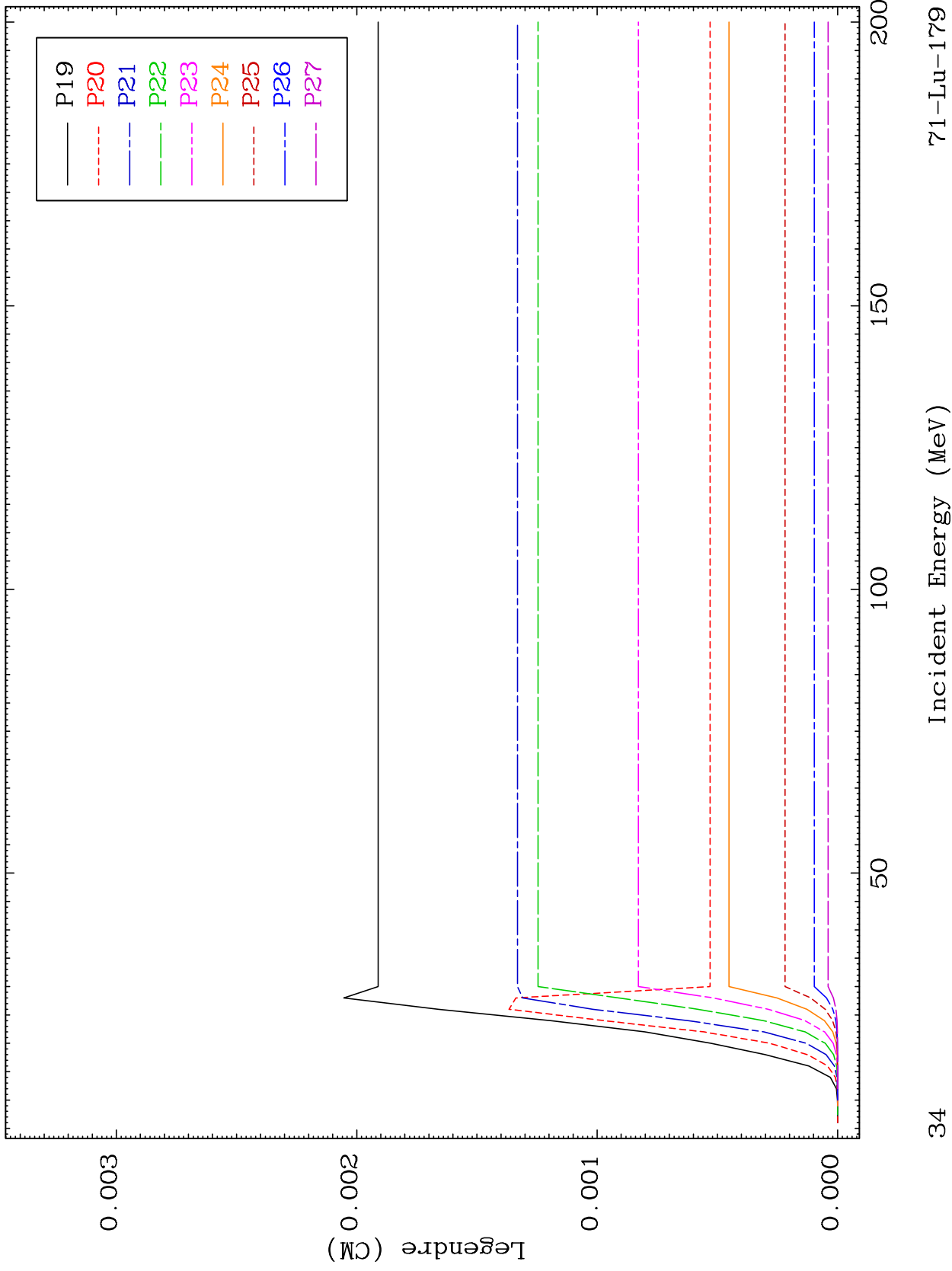
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



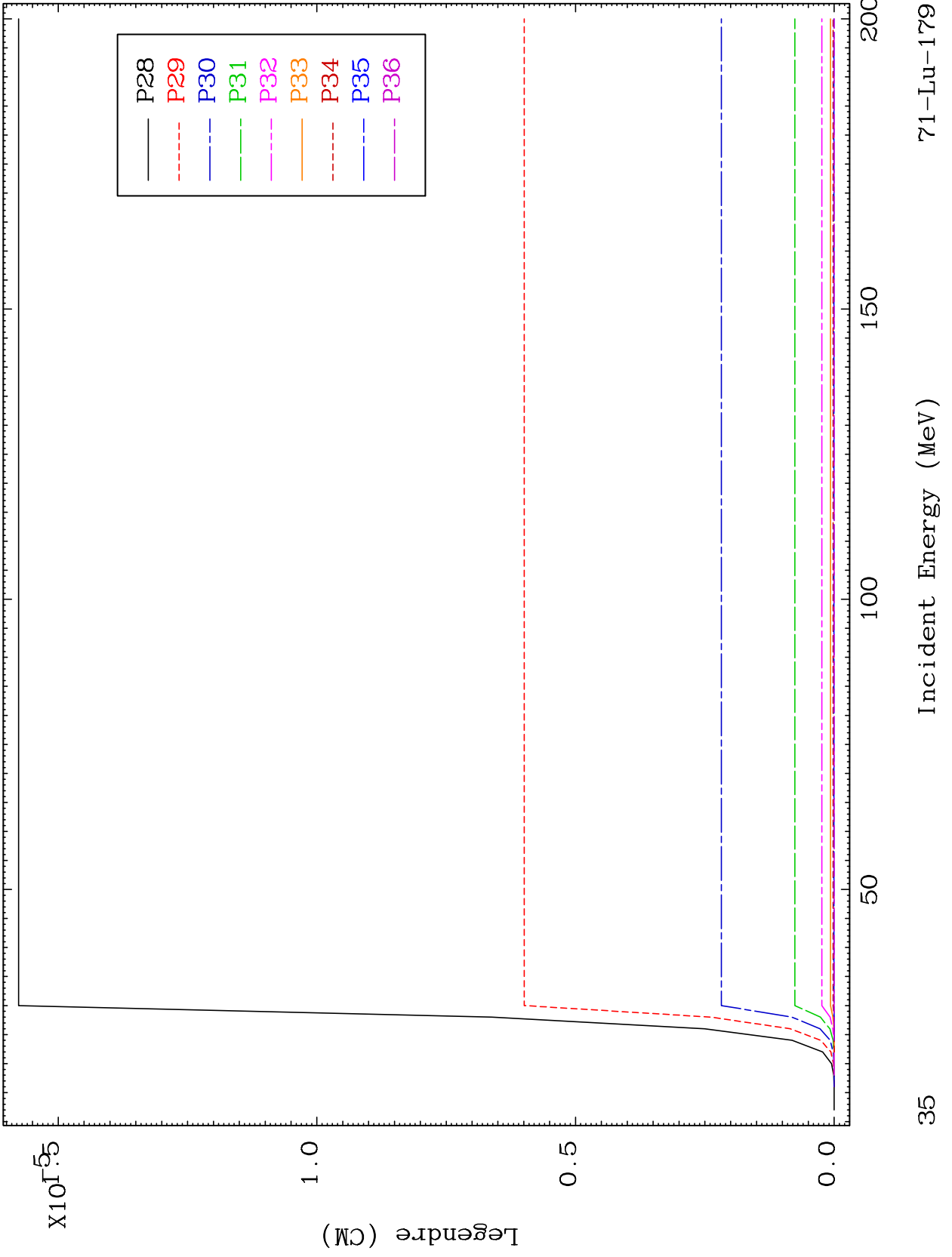
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71-Lu-179

MAT 7137

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

71-Lu-179



35

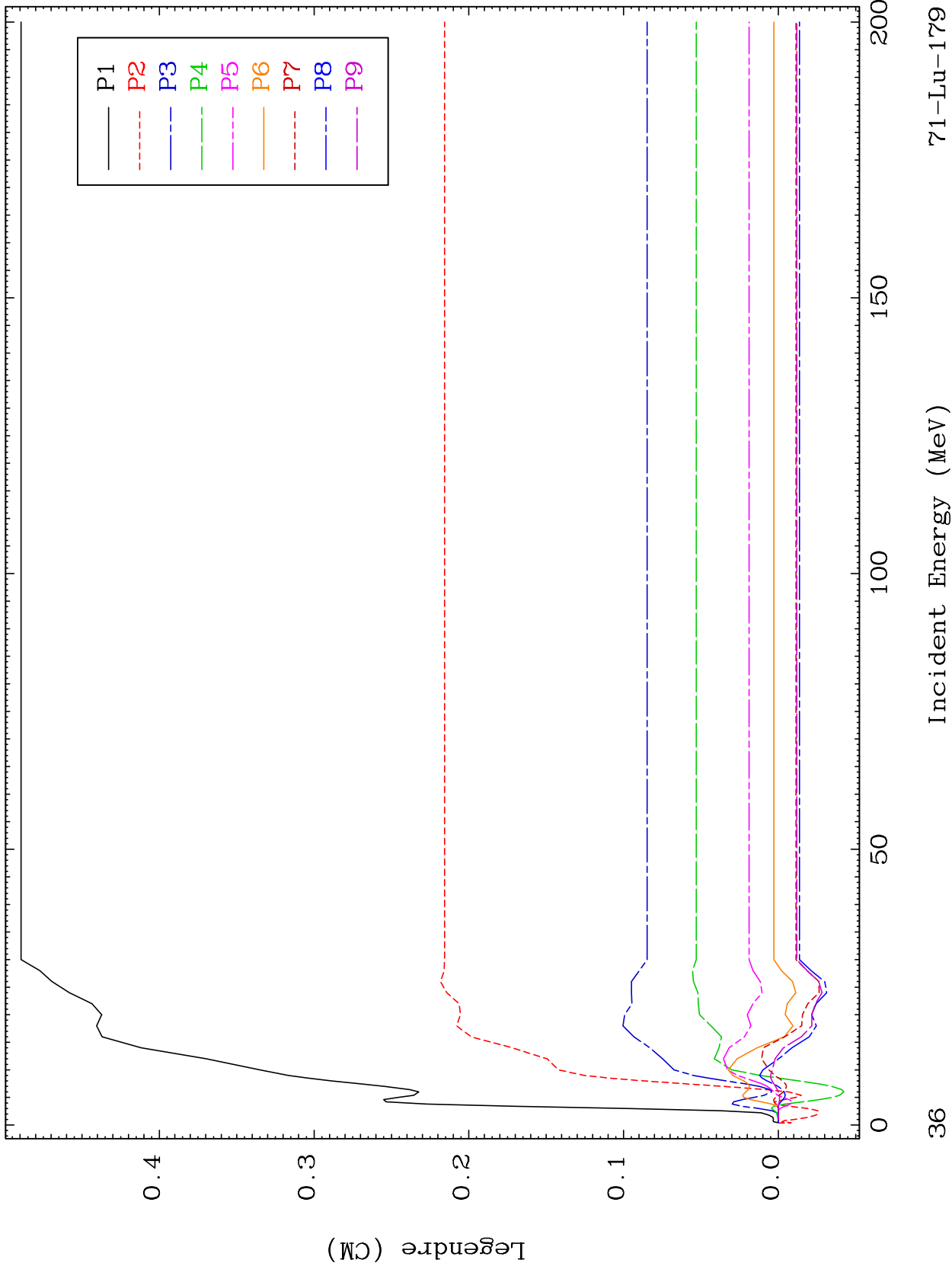
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



36

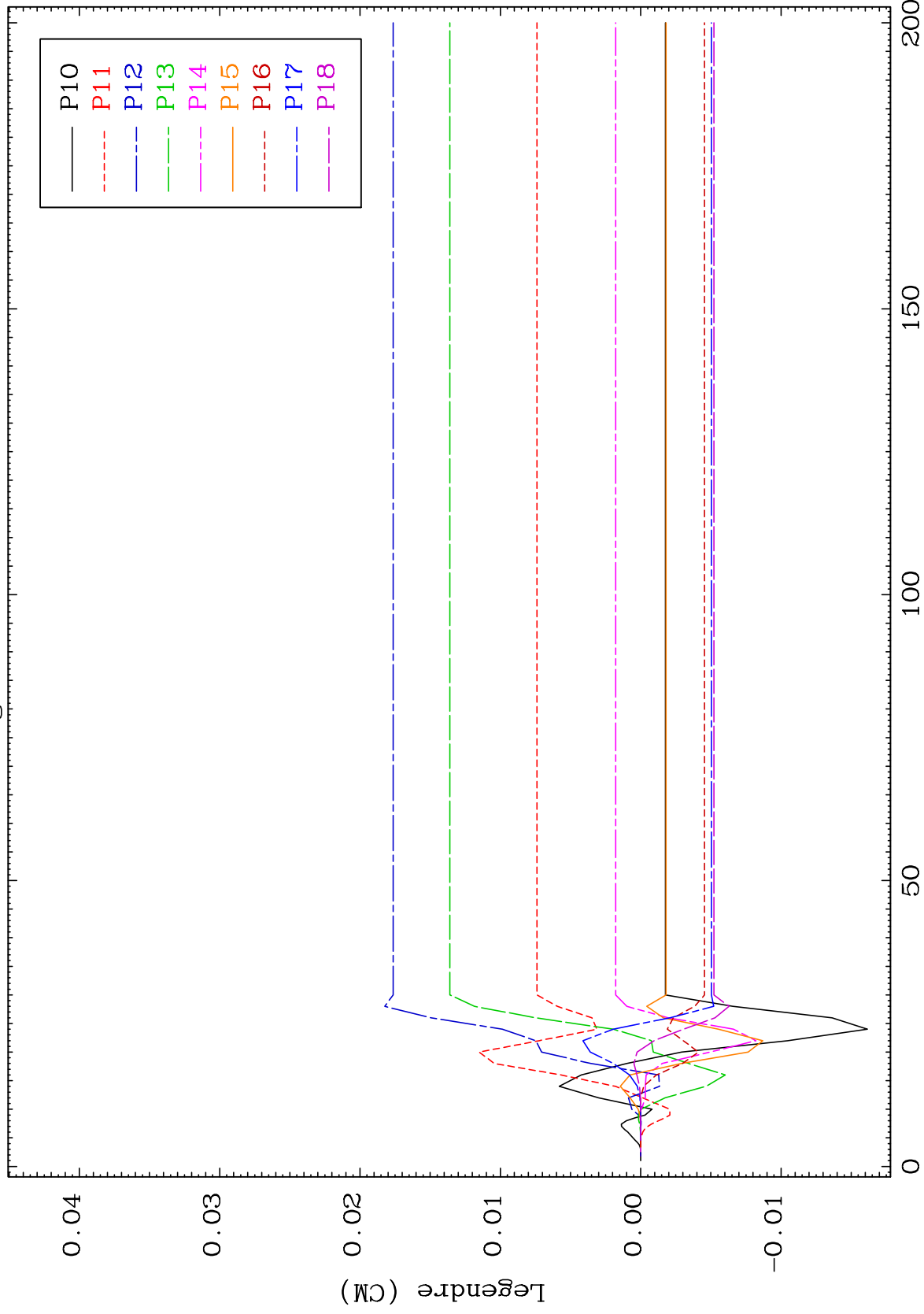
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



37

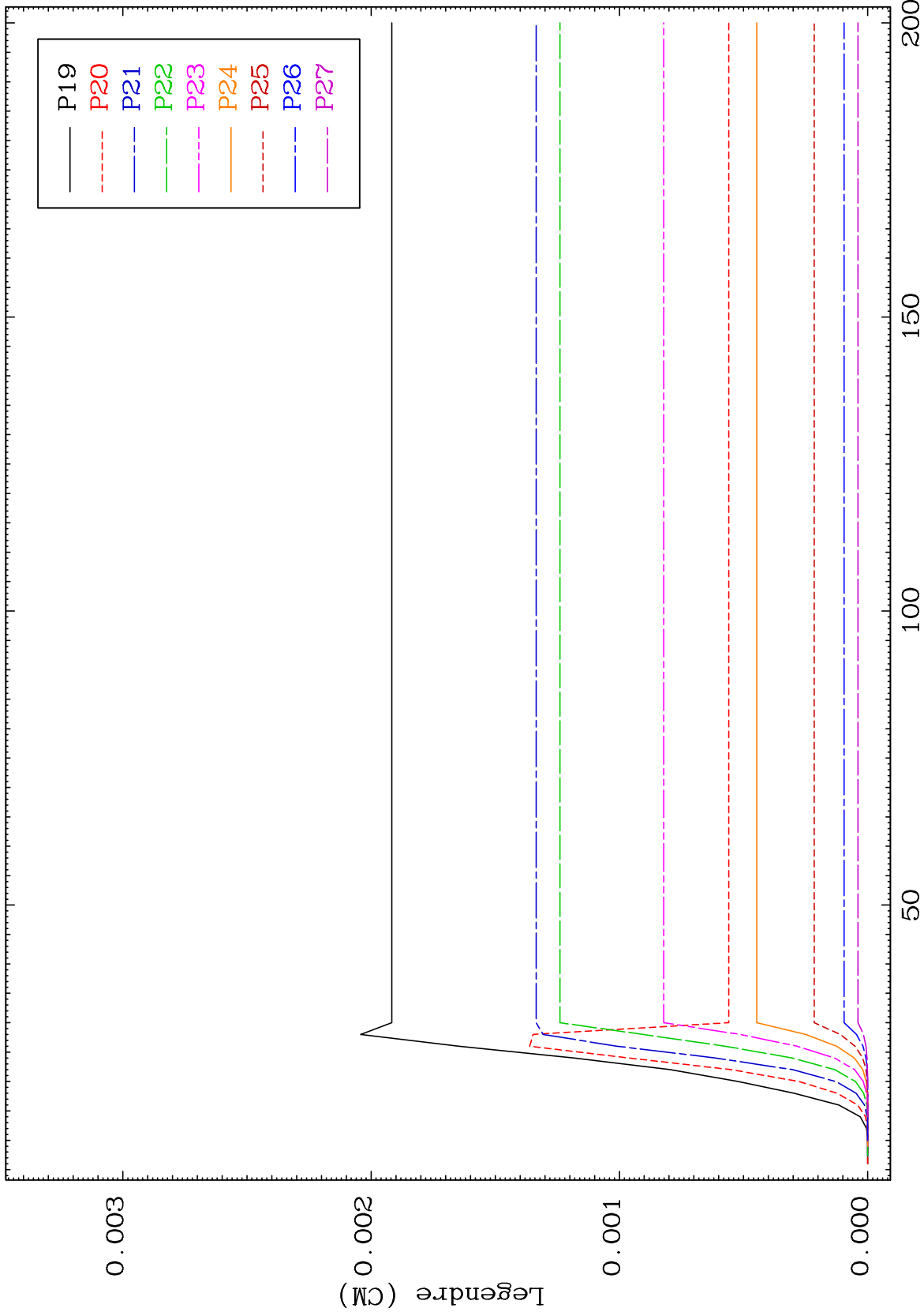
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



38

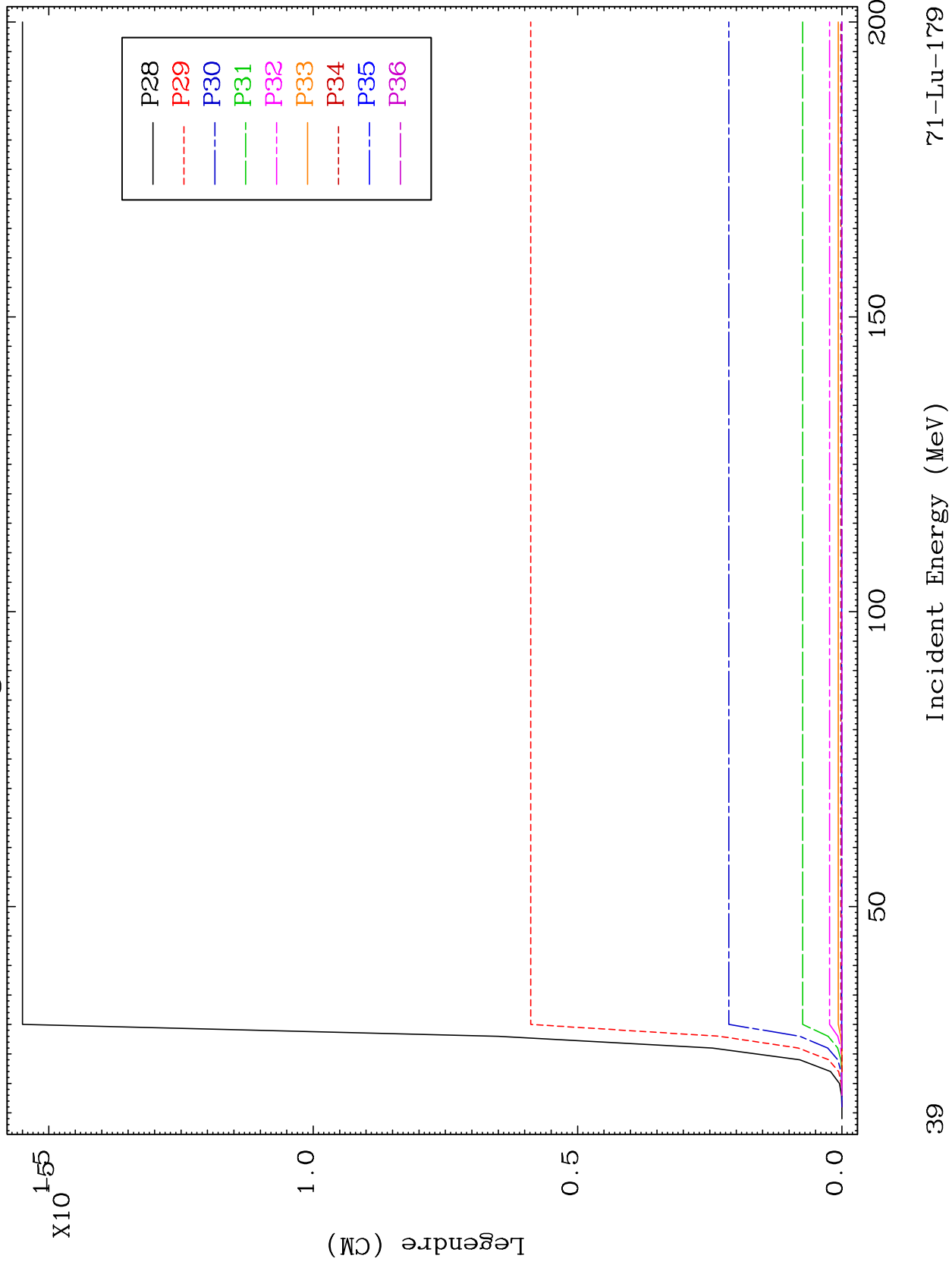
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179

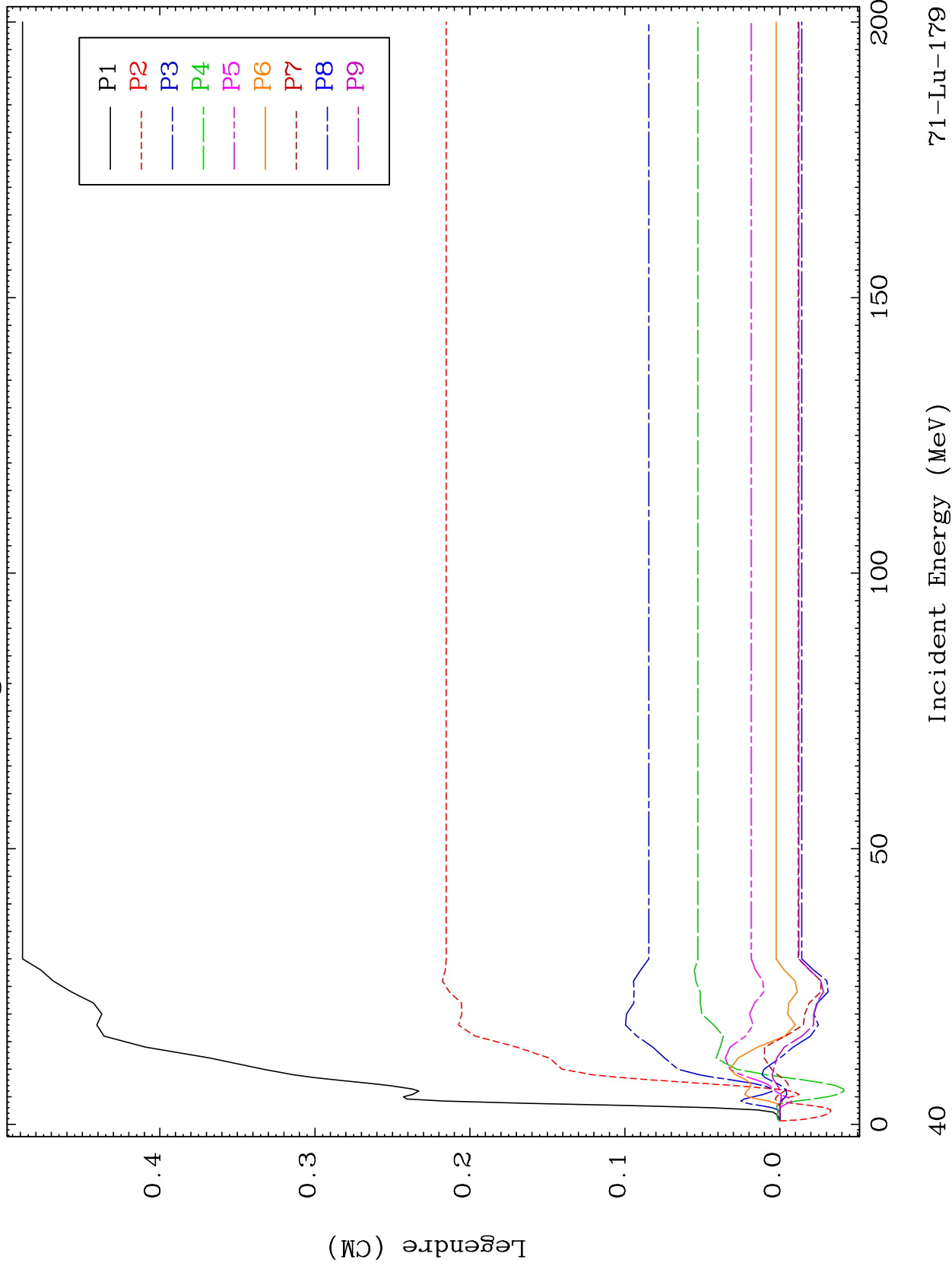


39

MAT 7137

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

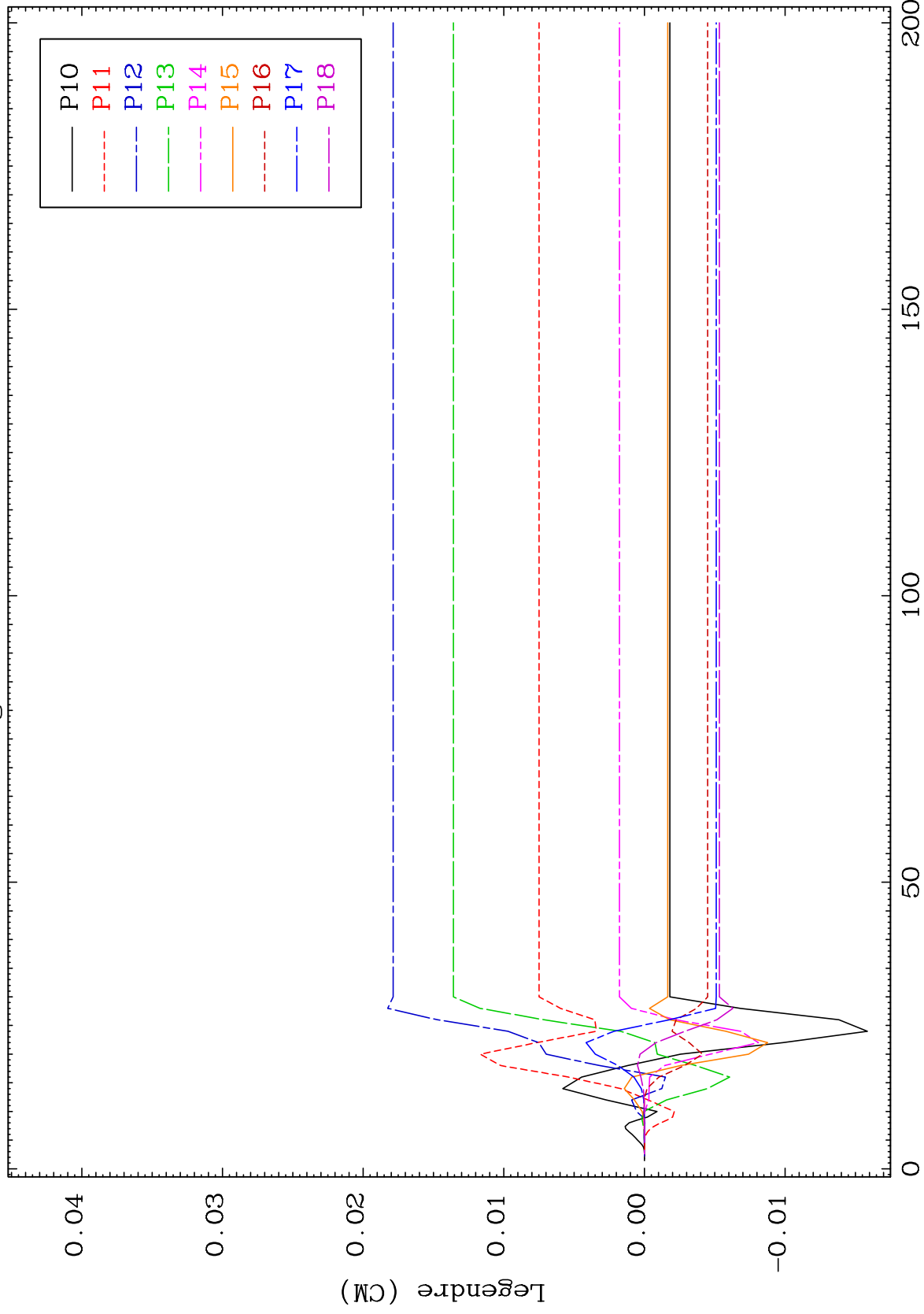
71-Lu-179



MAT 7137

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

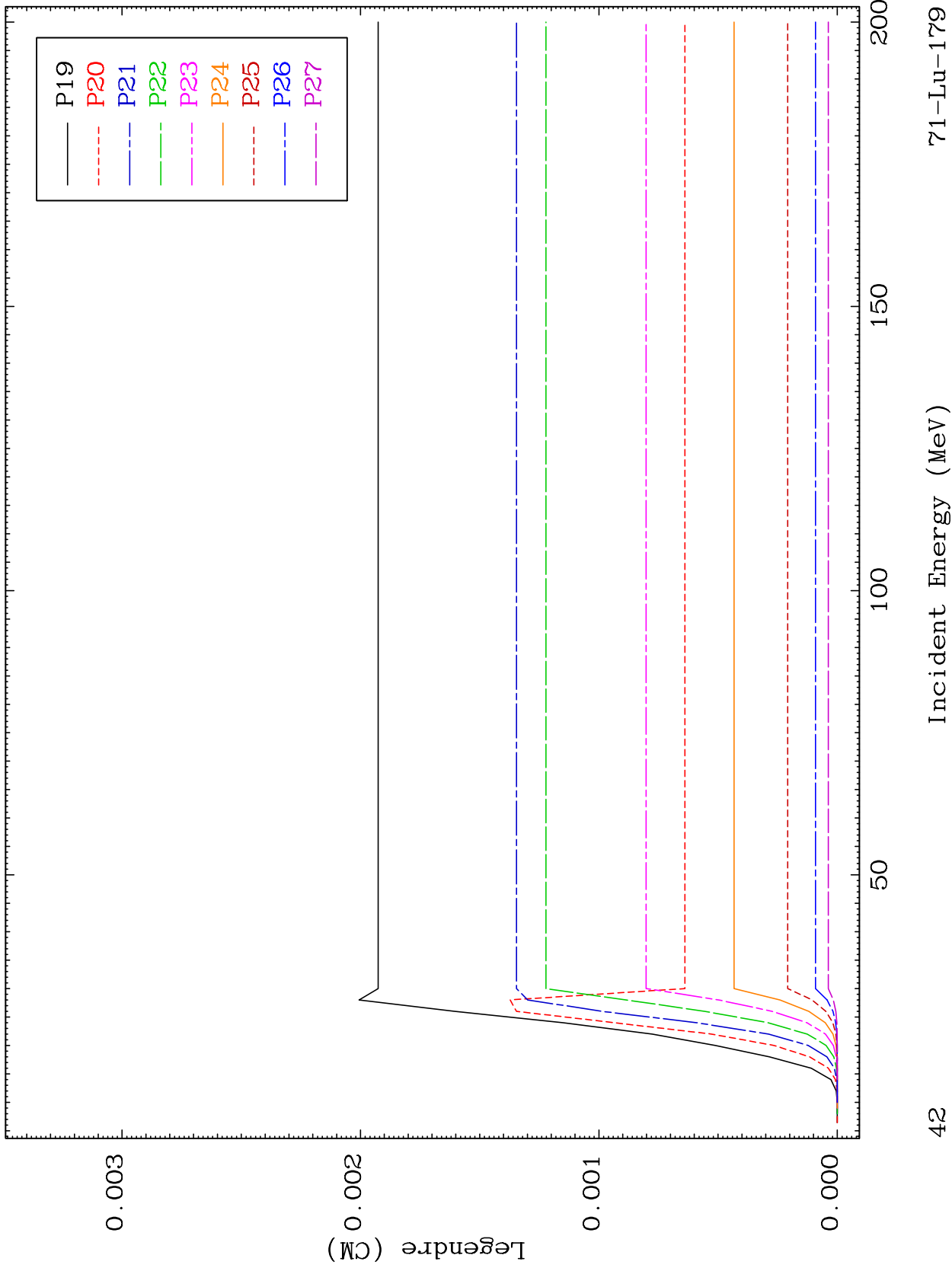
71-Lu-179



41

Incident Energy (MeV)

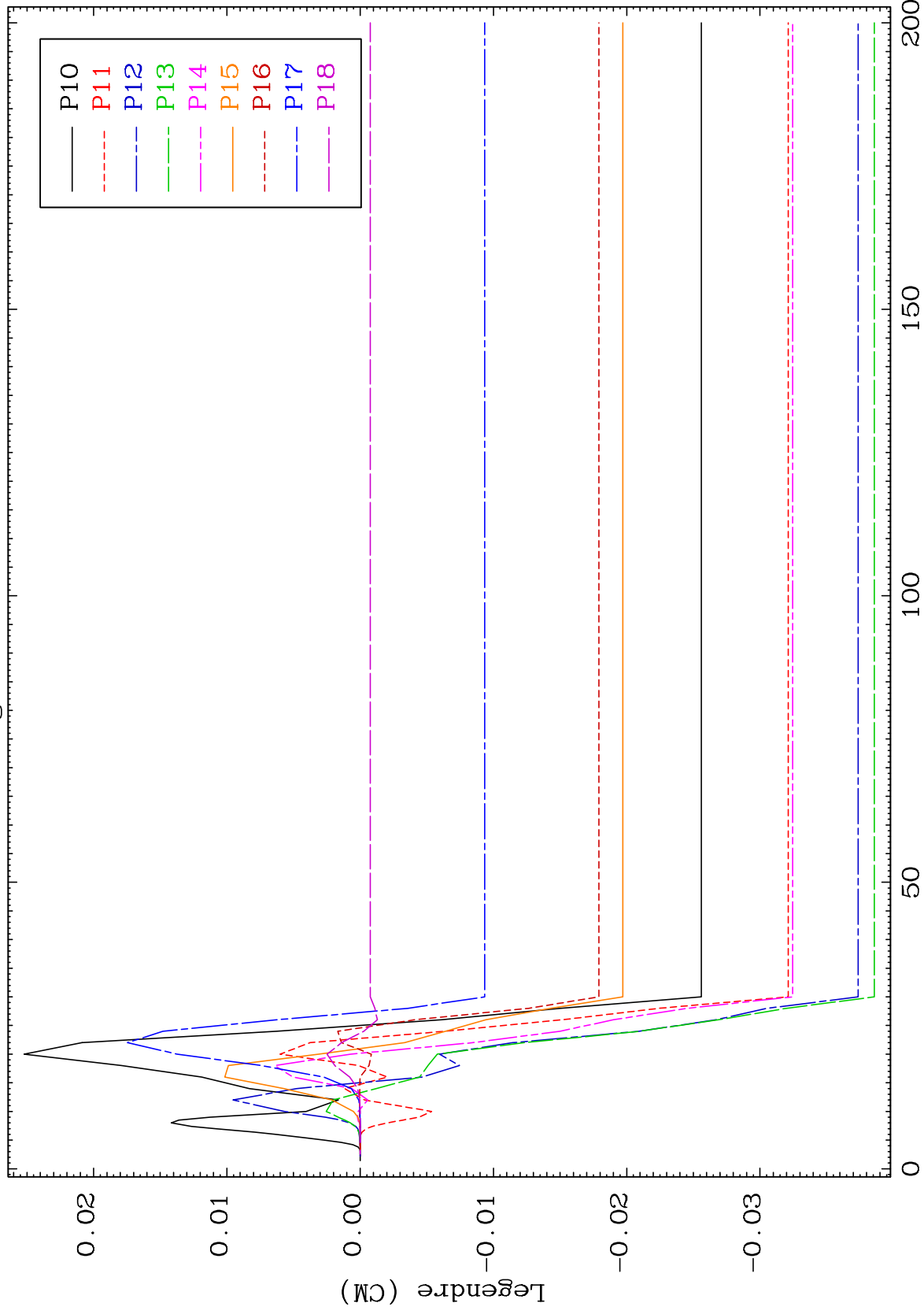
71-Lu-179



MAT 7137

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

71-Lu-179



45

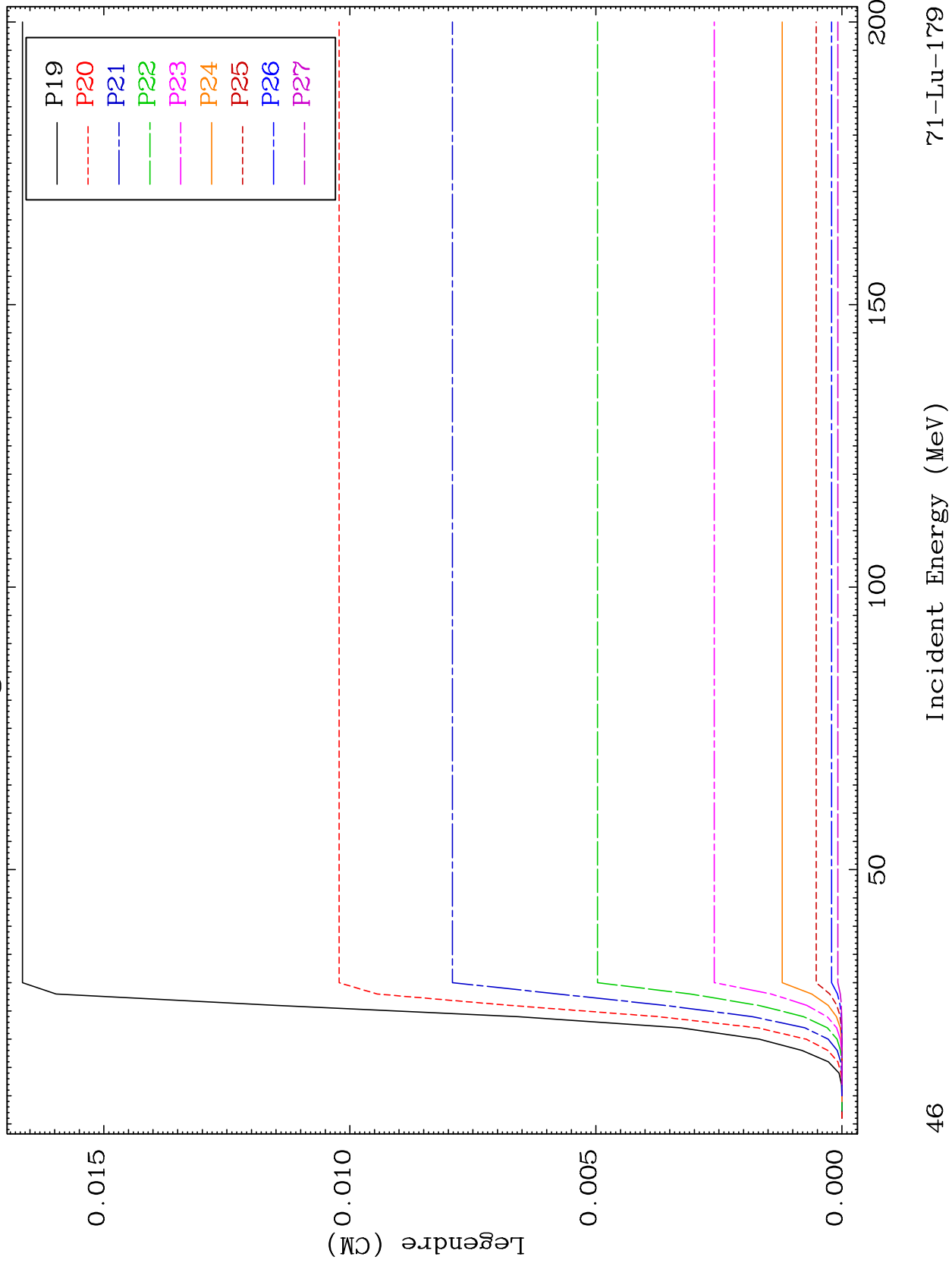
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



46

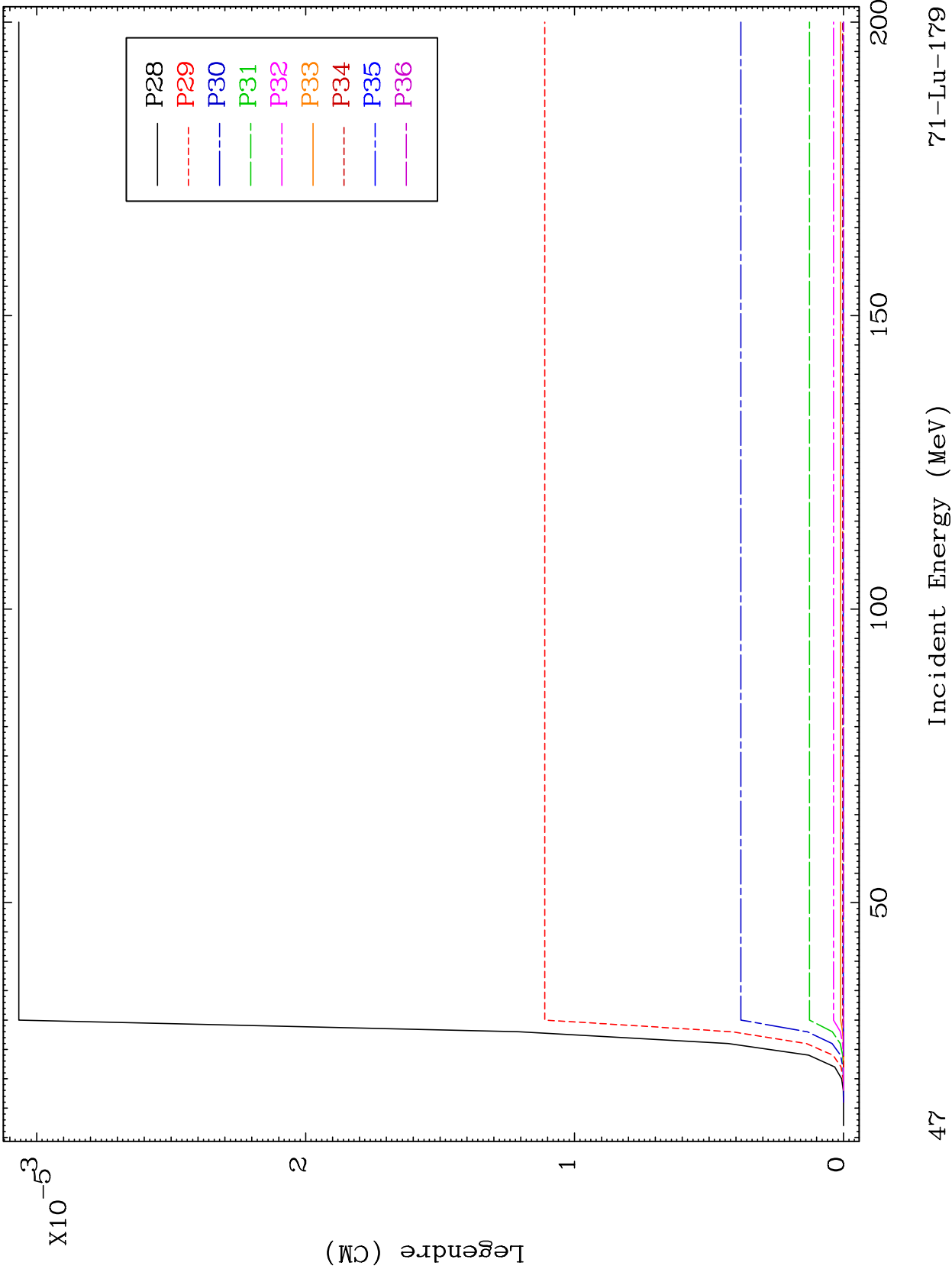
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

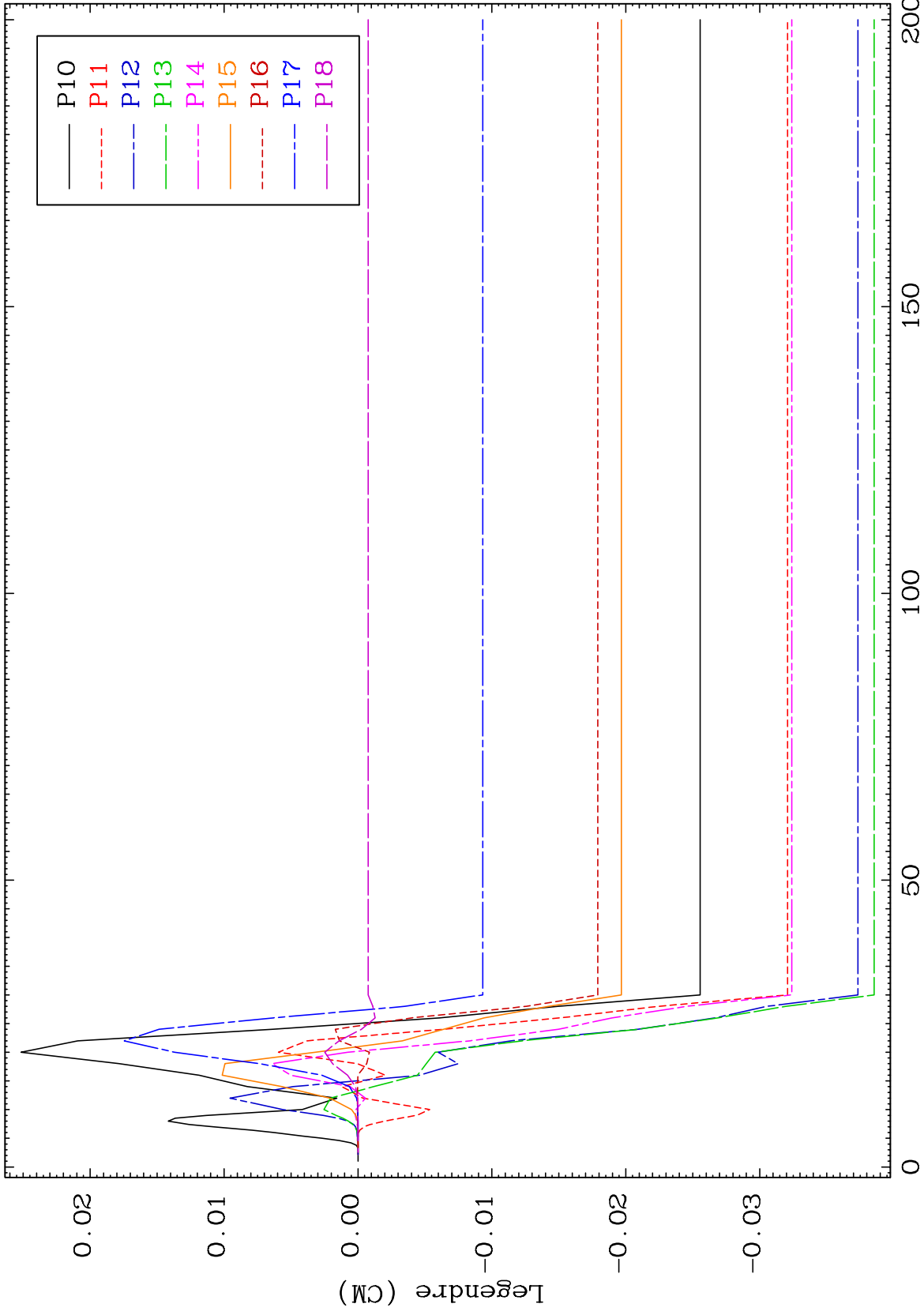
71-Lu-179



MAT 7137

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

71-Lu-179



49

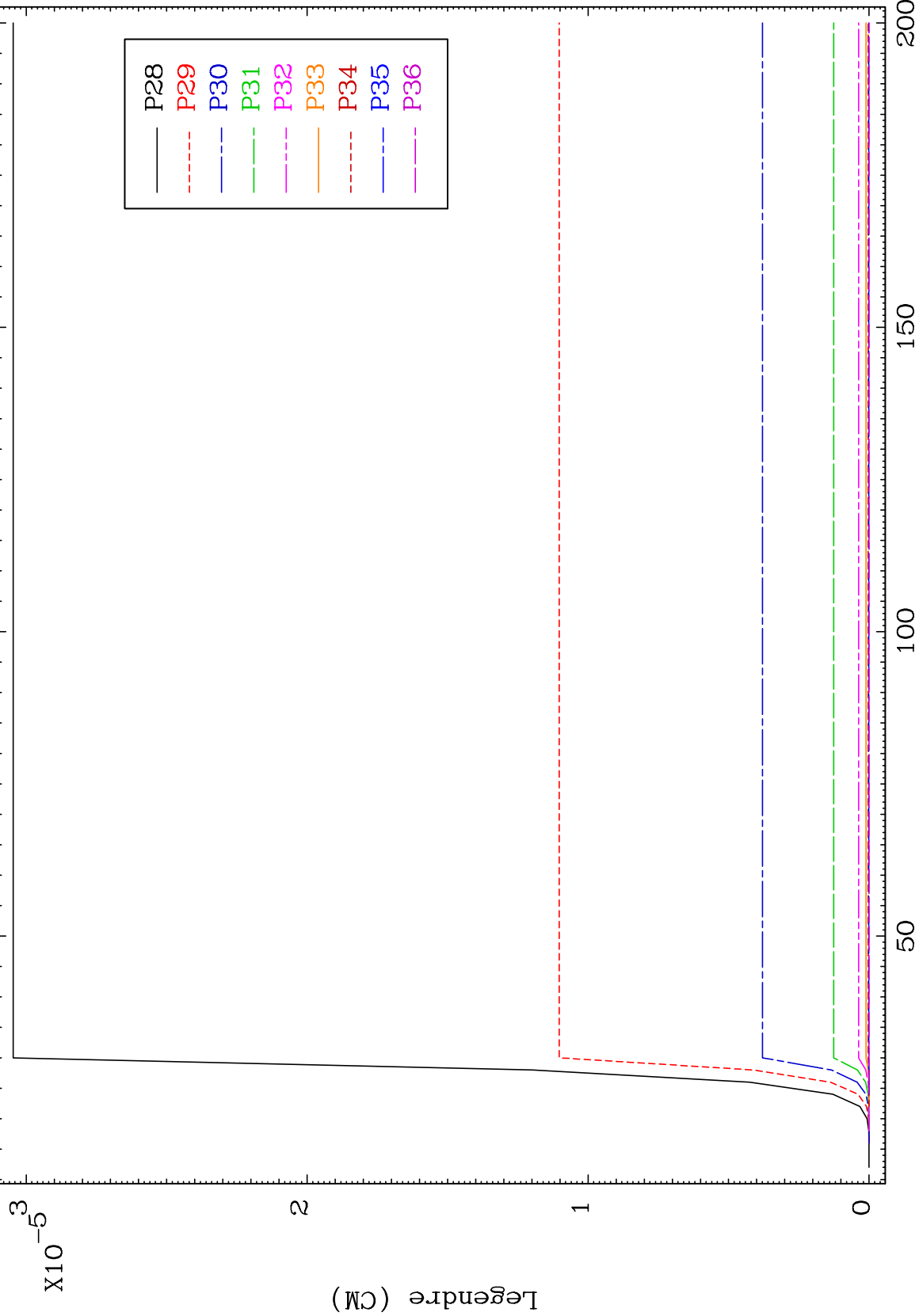
Incident Energy (MeV)

71-Lu-179

MAT 7137

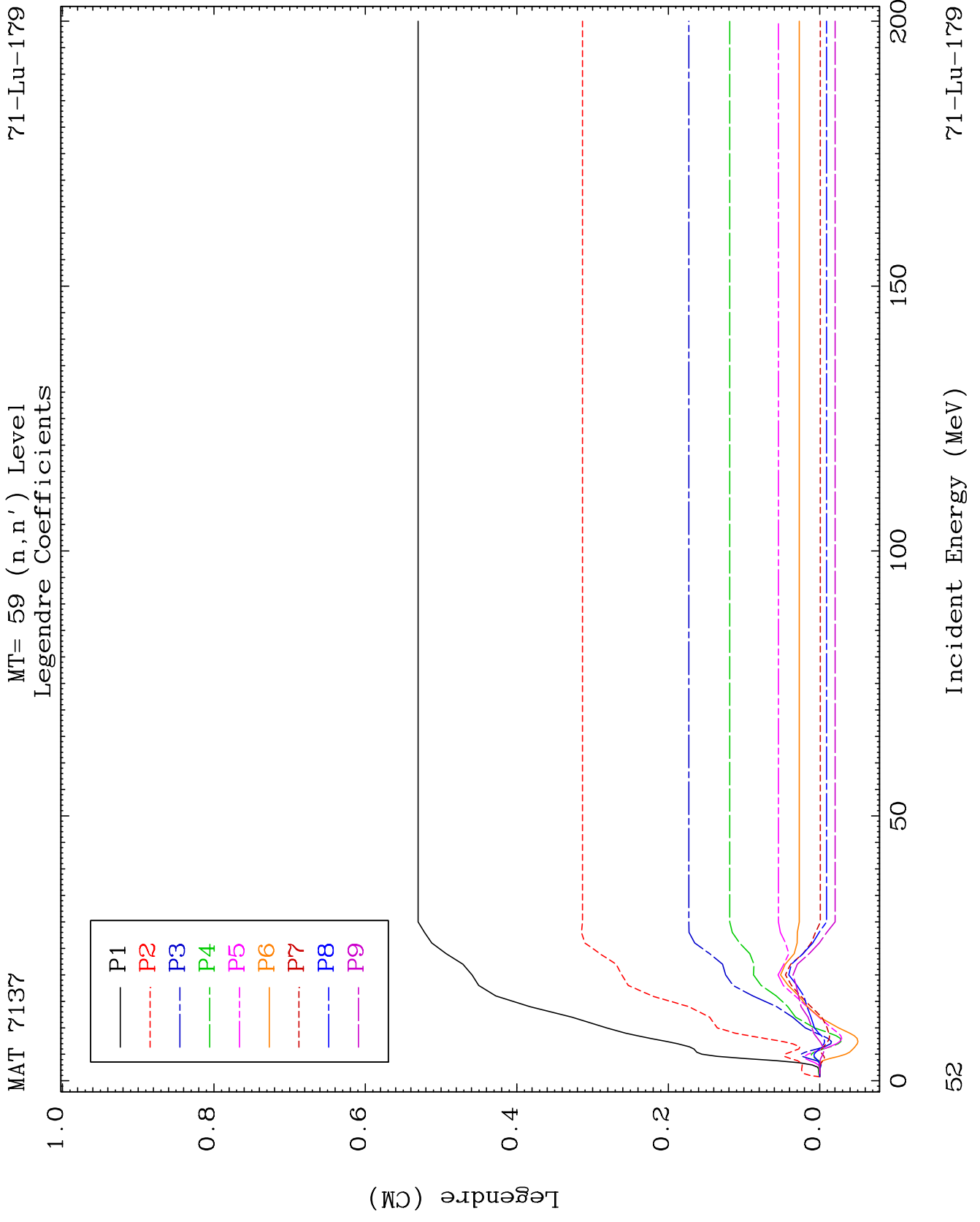
MT= 58 (n,n') Level
Legendre Coefficients

71-Lu-179



51

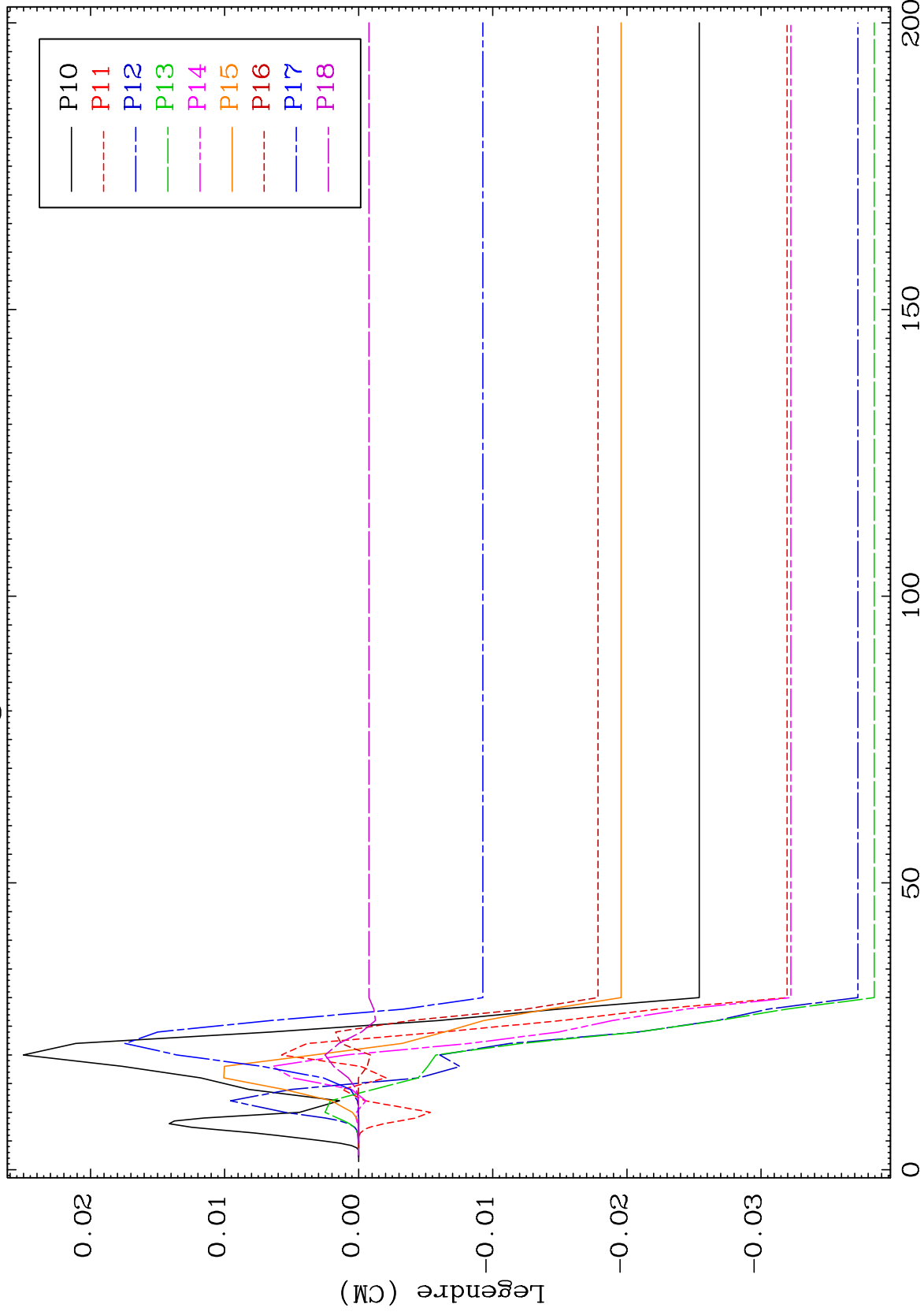
71-Lu-179



MAT 7137

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

71-Lu-179



53

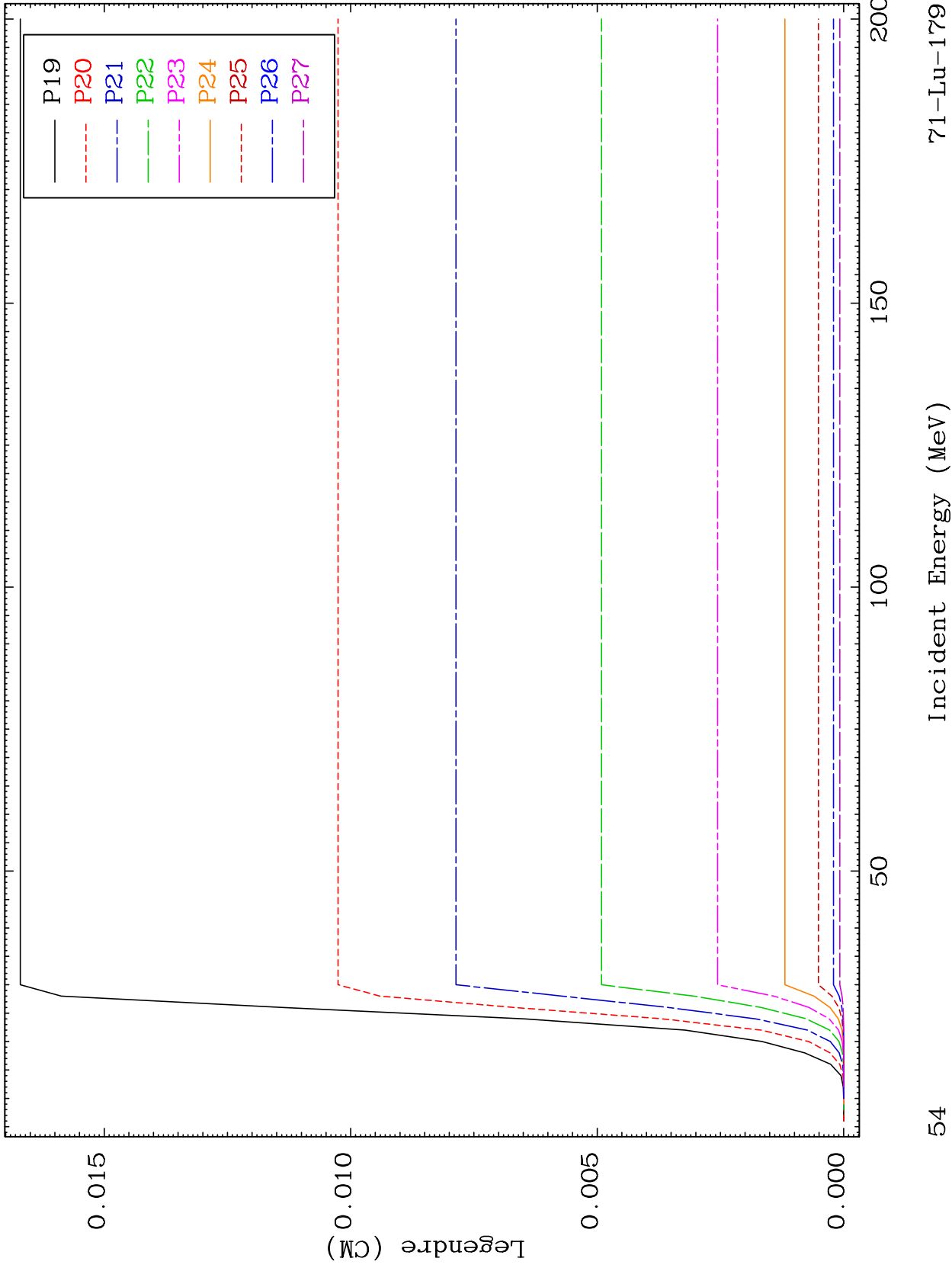
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



54

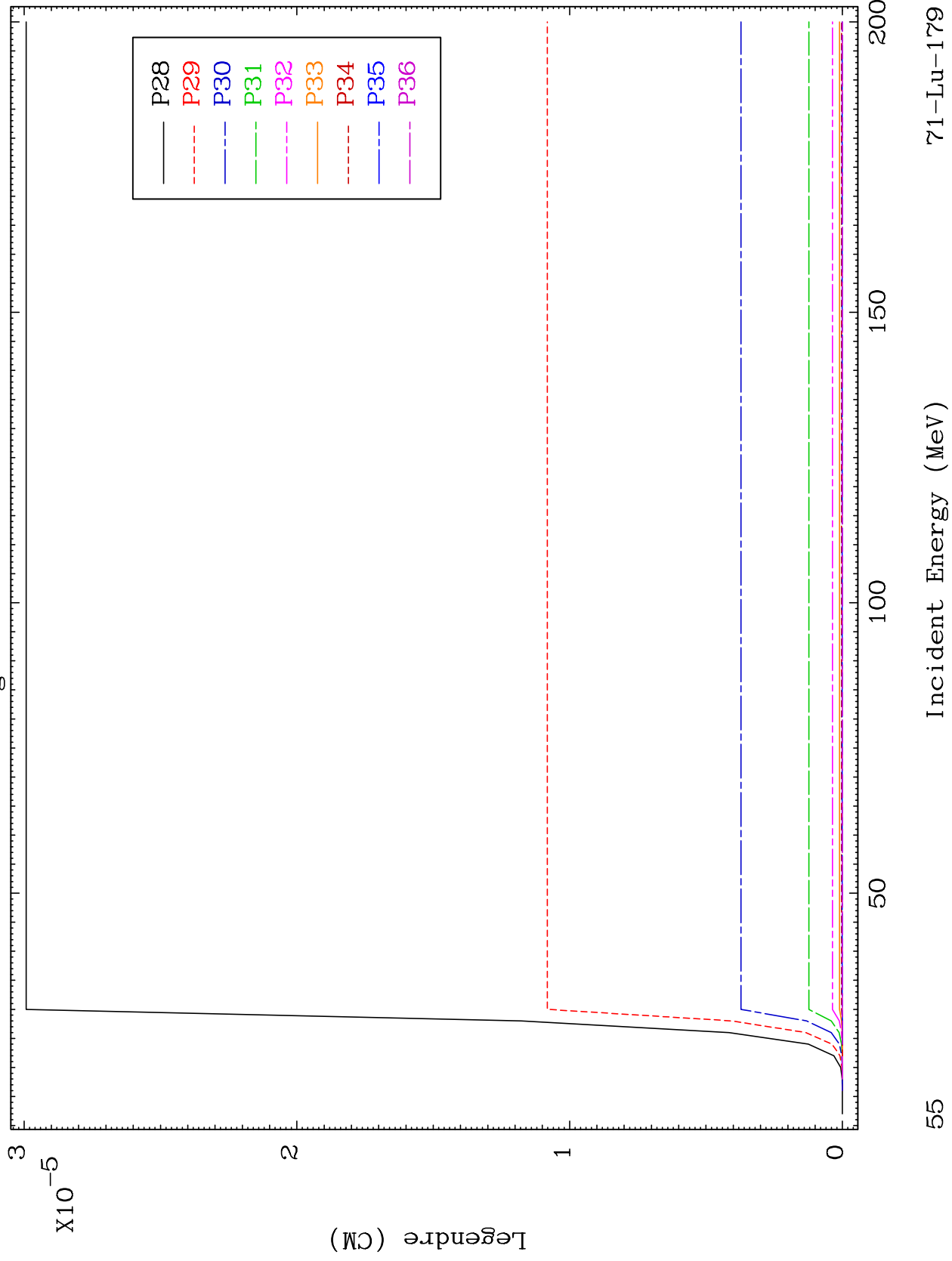
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



55

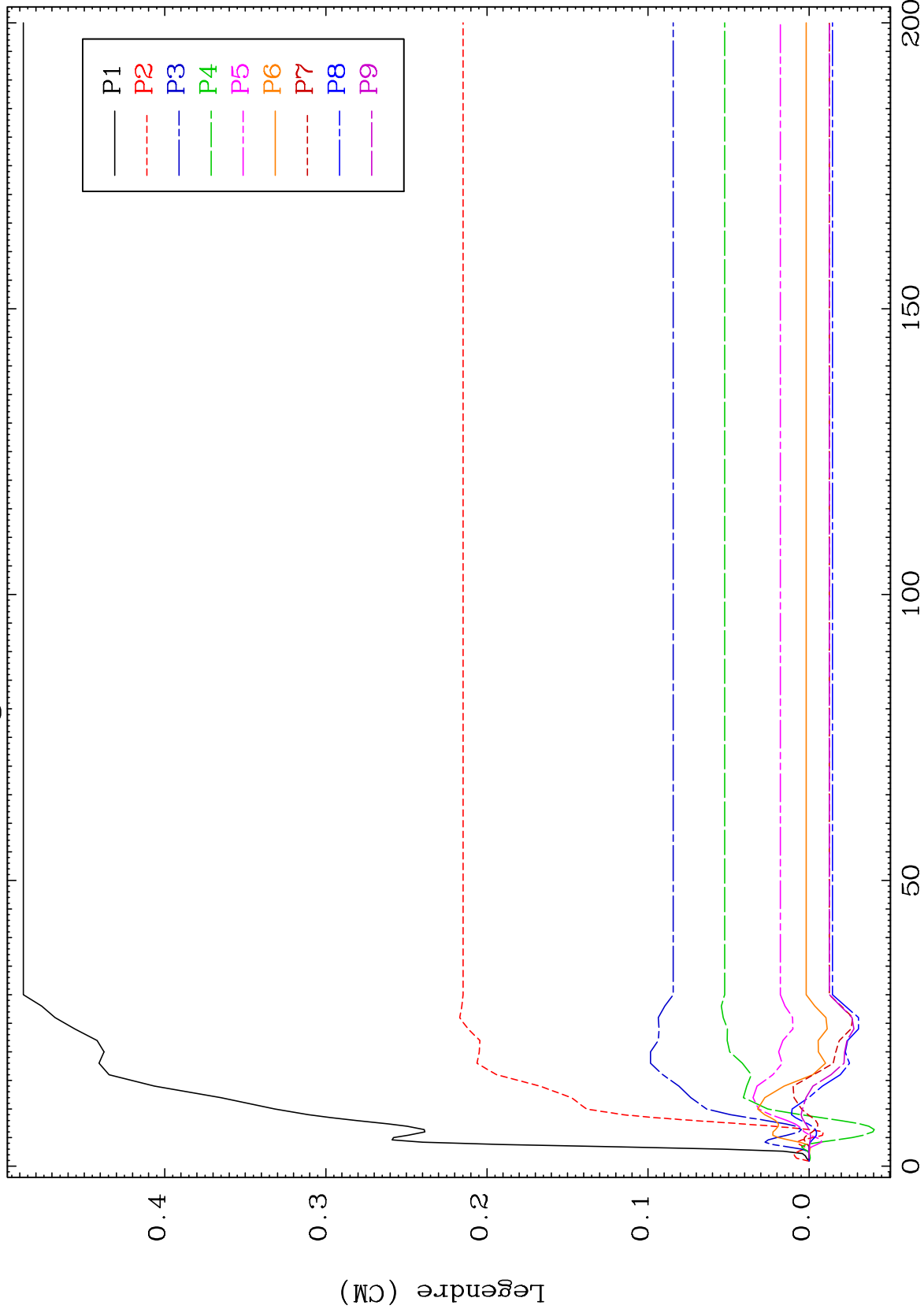
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



56

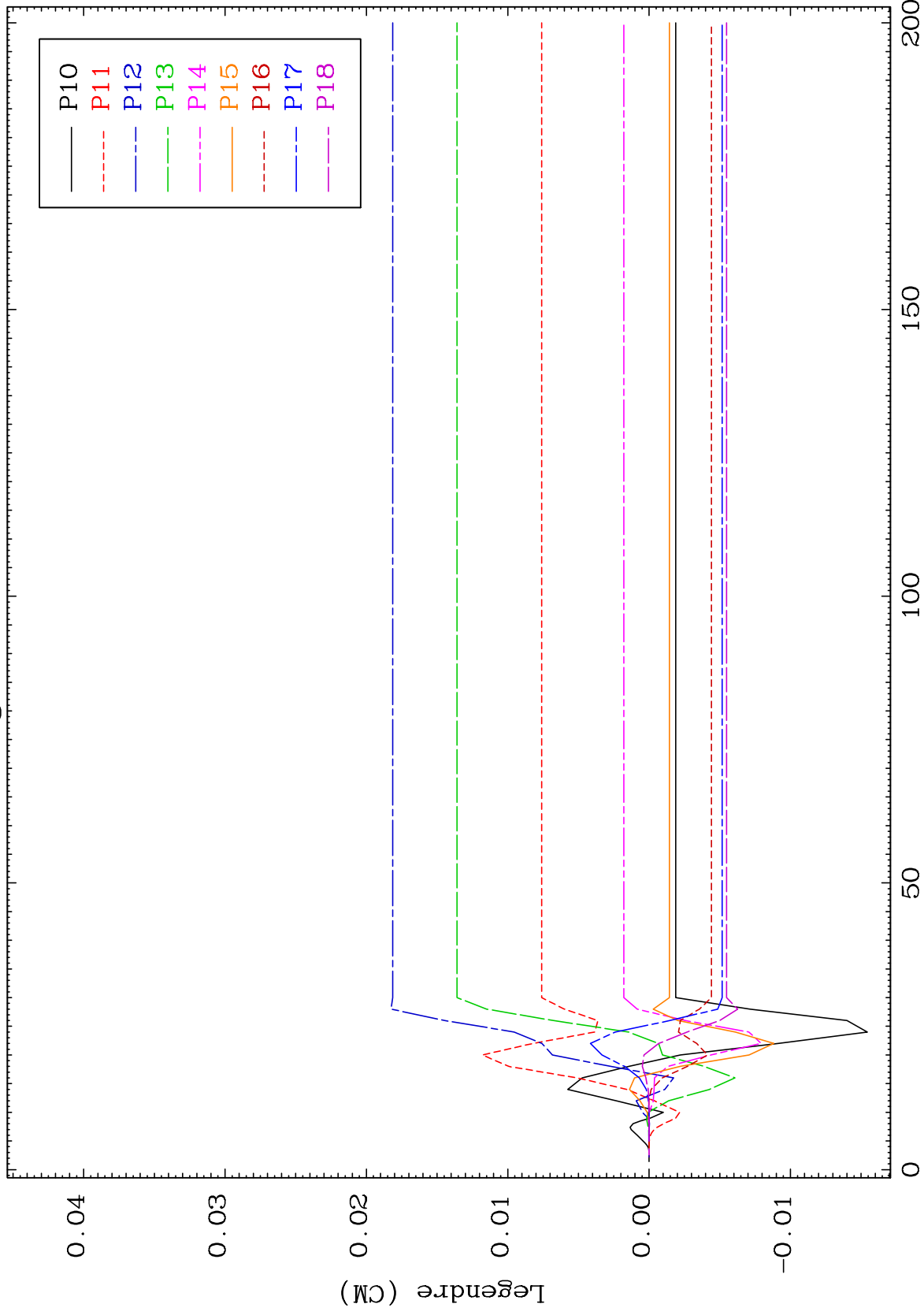
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



57

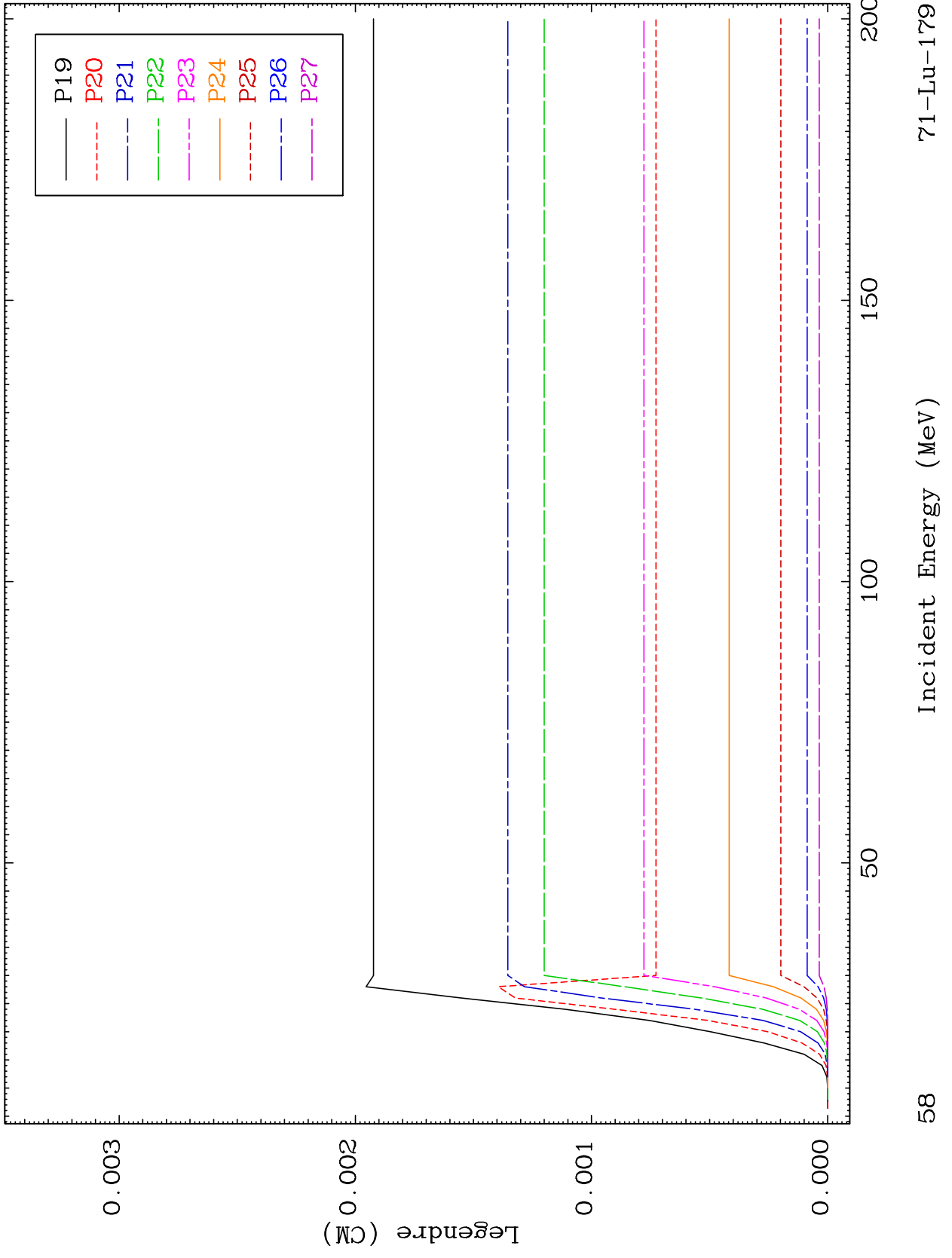
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



58

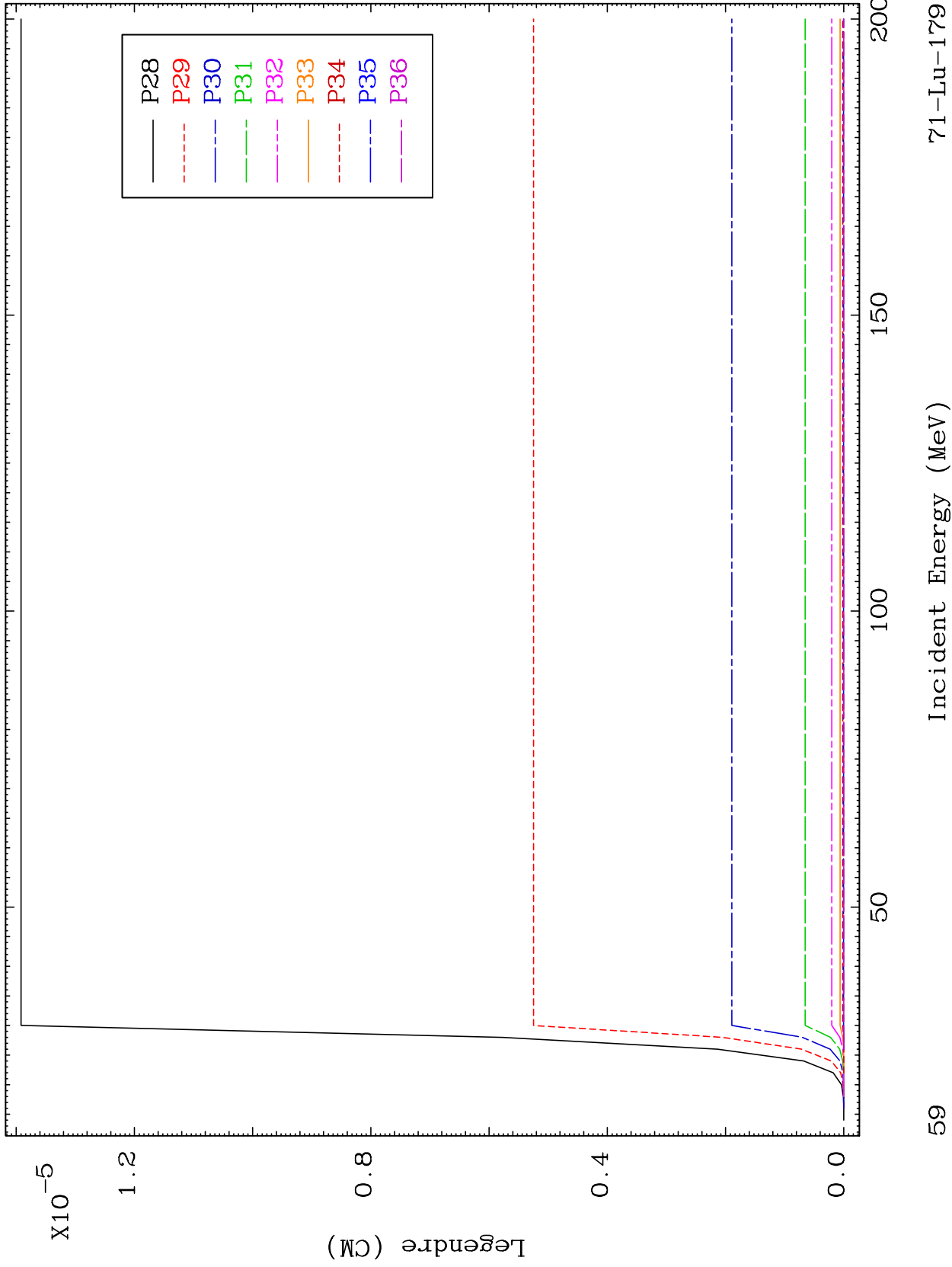
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179

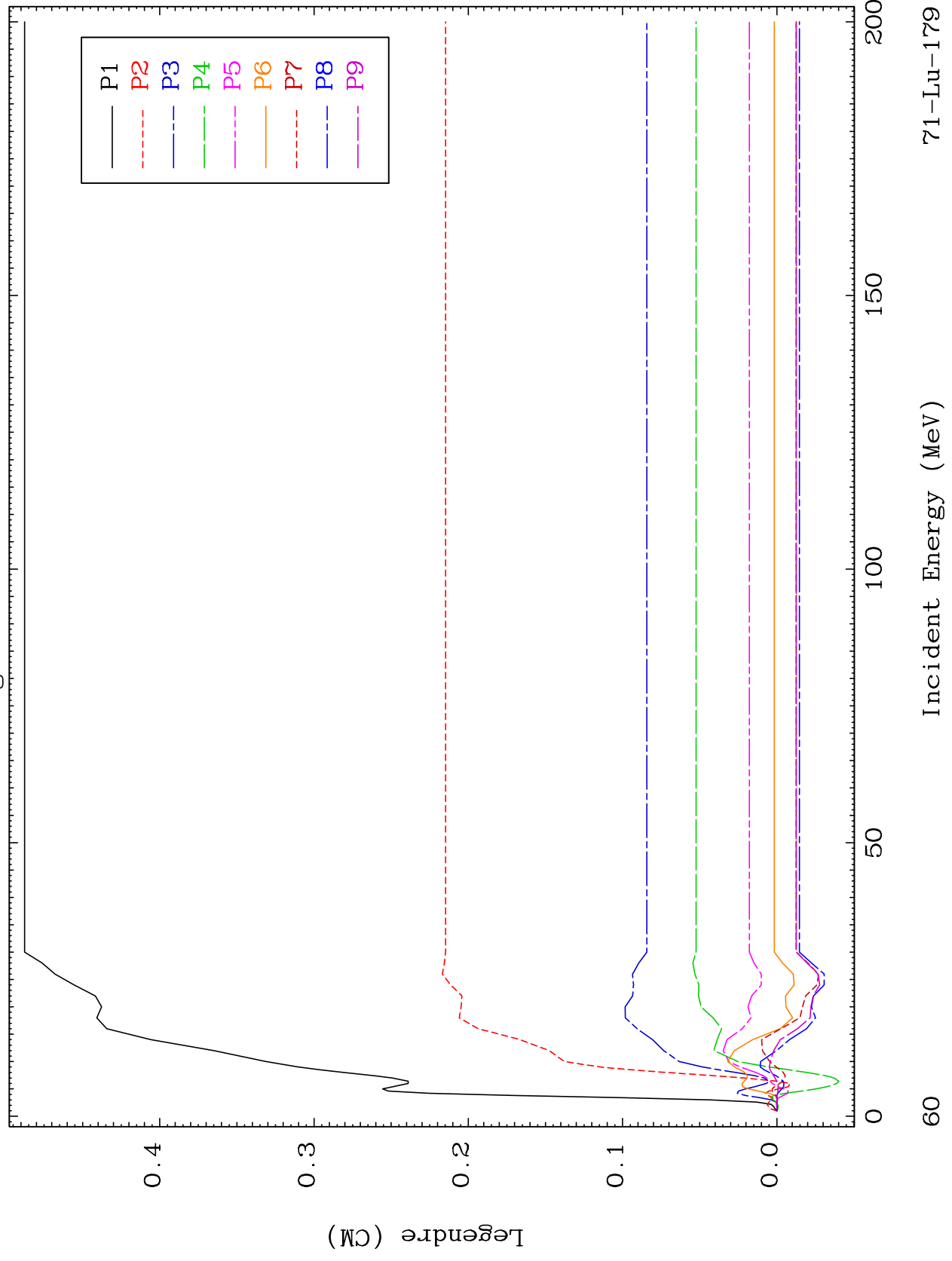


59

MAT 7137

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

71-Lu-179



71-Lu-179

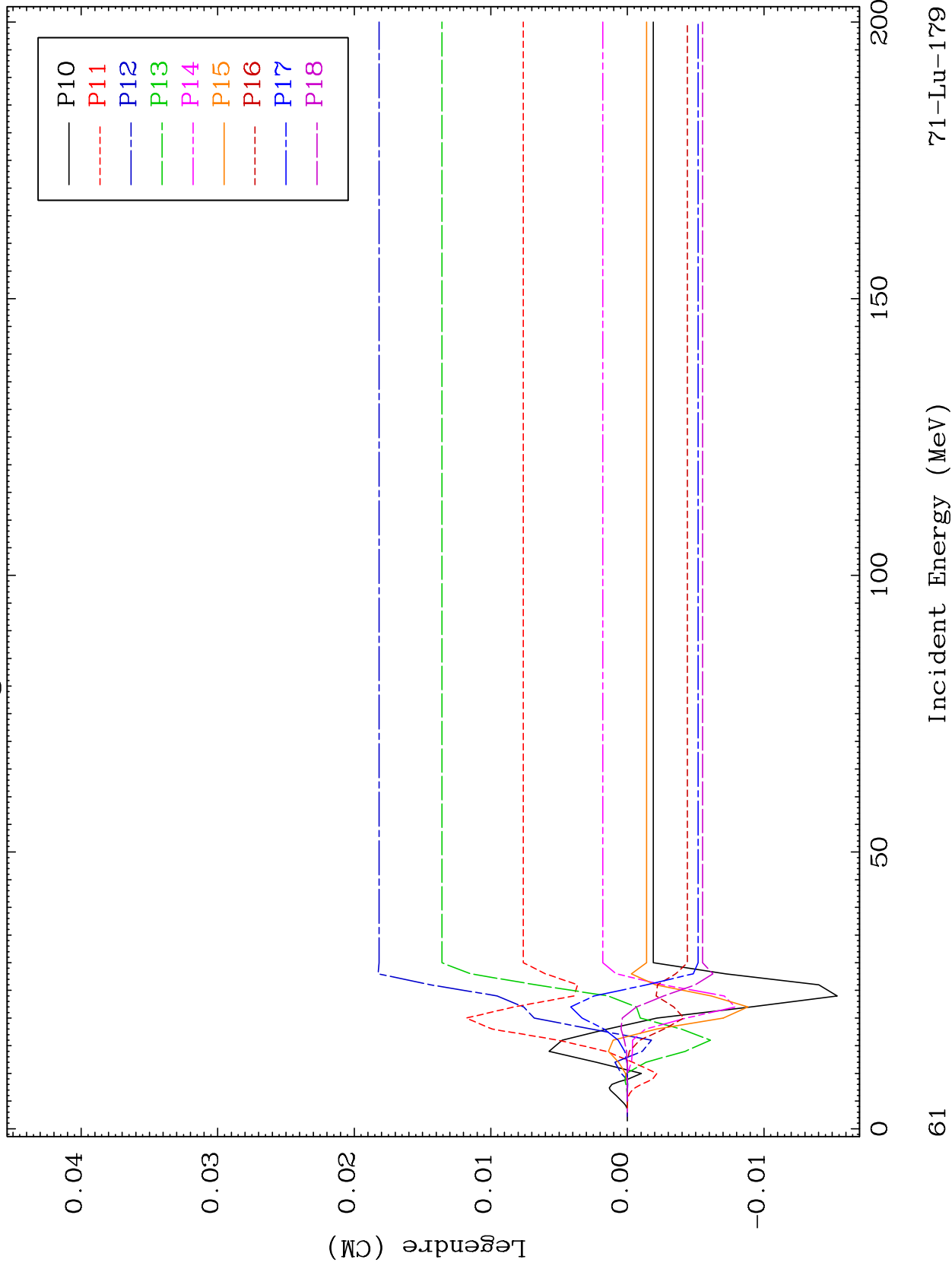
Incident Energy (MeV)

60

MAT 7137

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

71-Lu-179



71-Lu-179

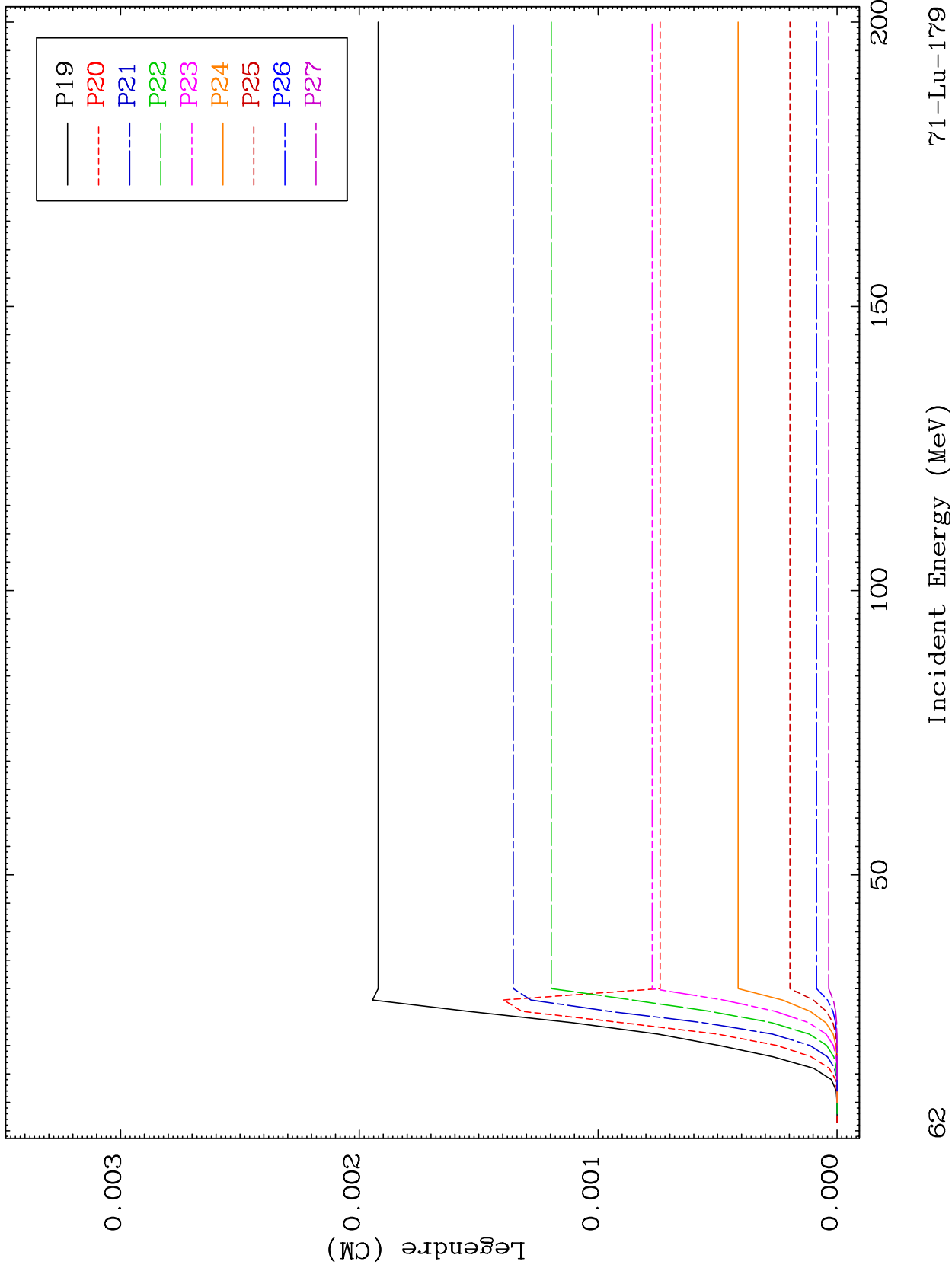
Incident Energy (MeV)

61

MAT 7137

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

71-Lu-179



62

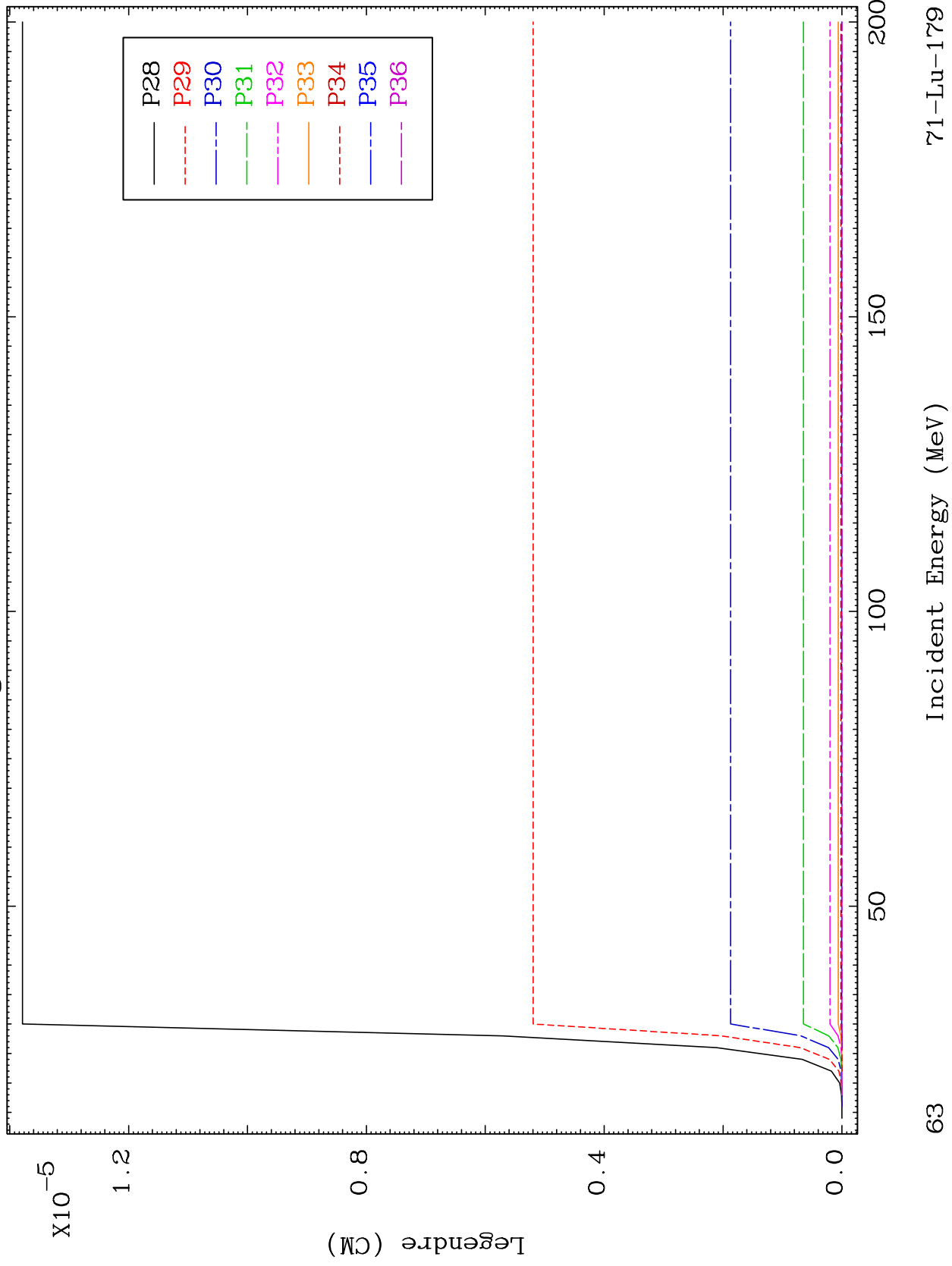
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

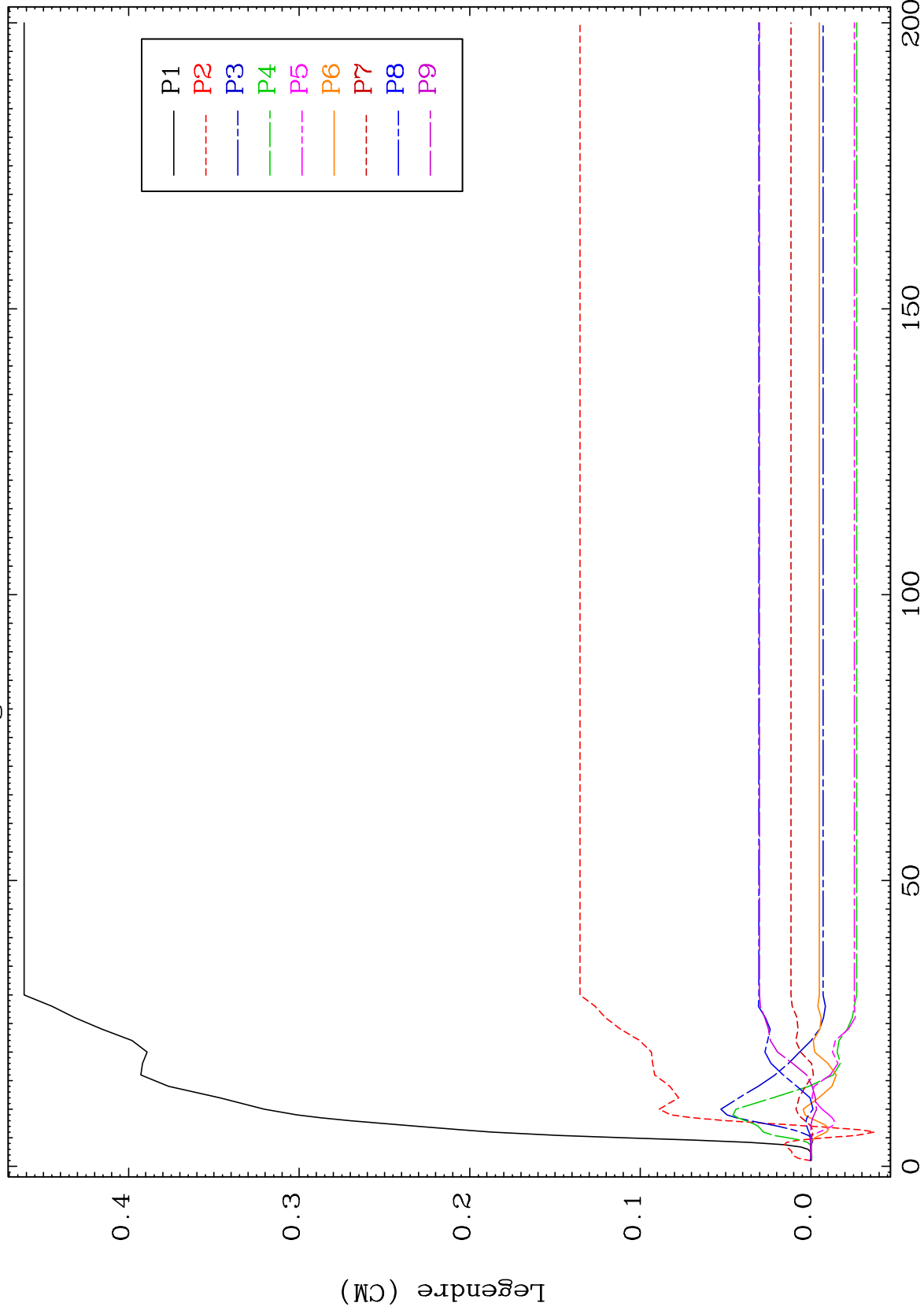
71-Lu-179



MAT 7137

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

71-Lu-179



64

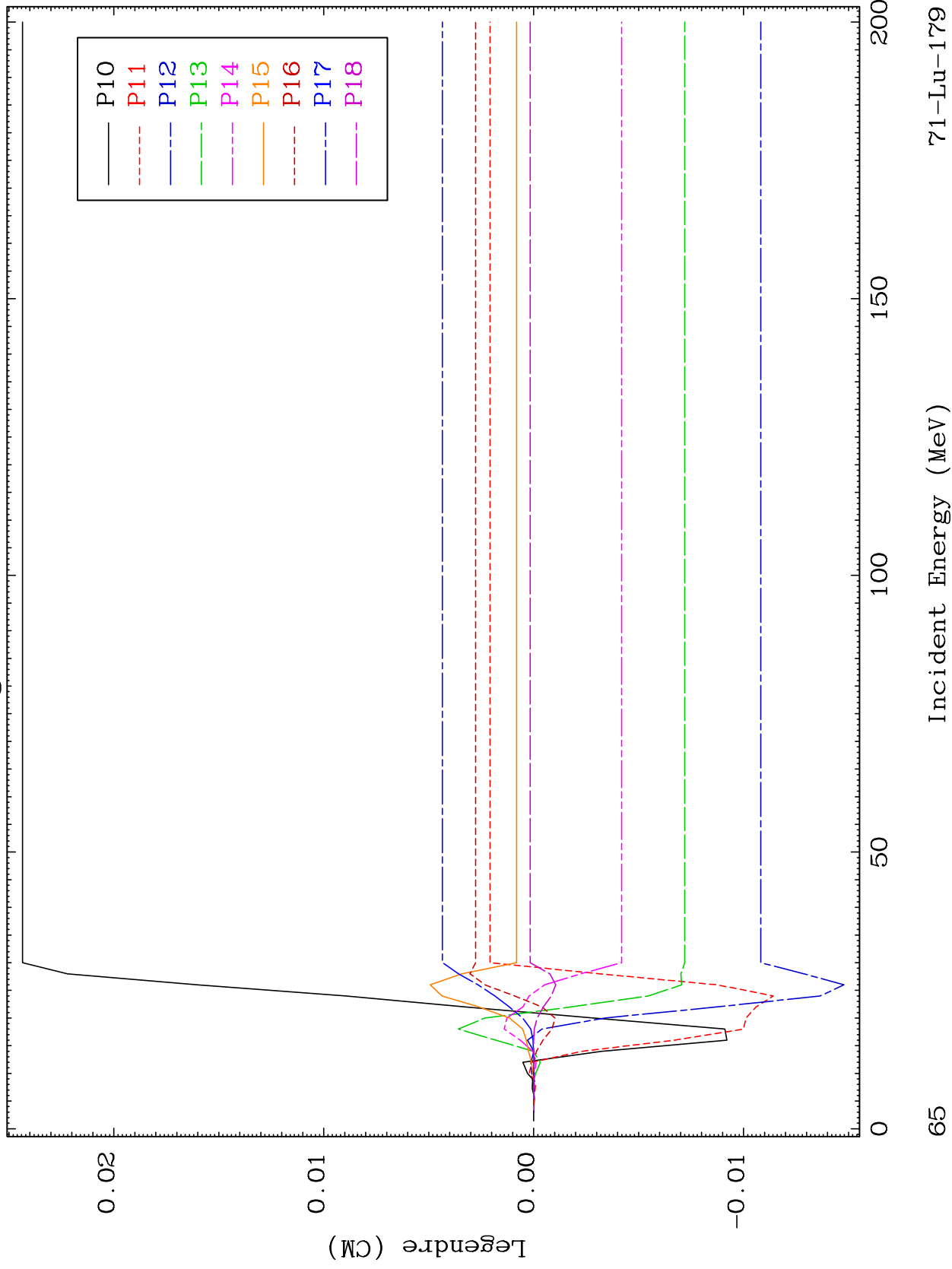
Incident Energy (MeV)

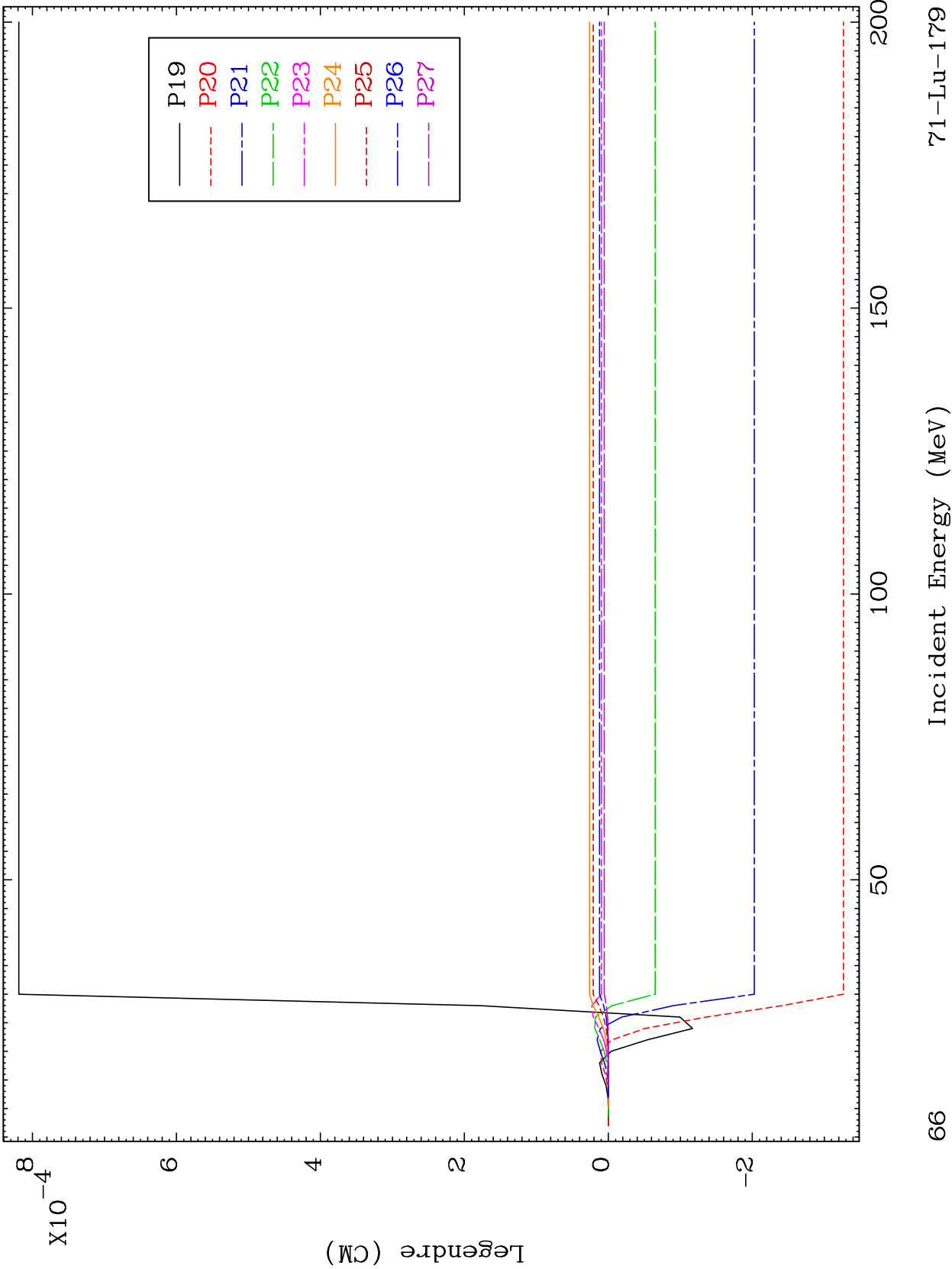
71-Lu-179

MAT 7137

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

71-Lu-179

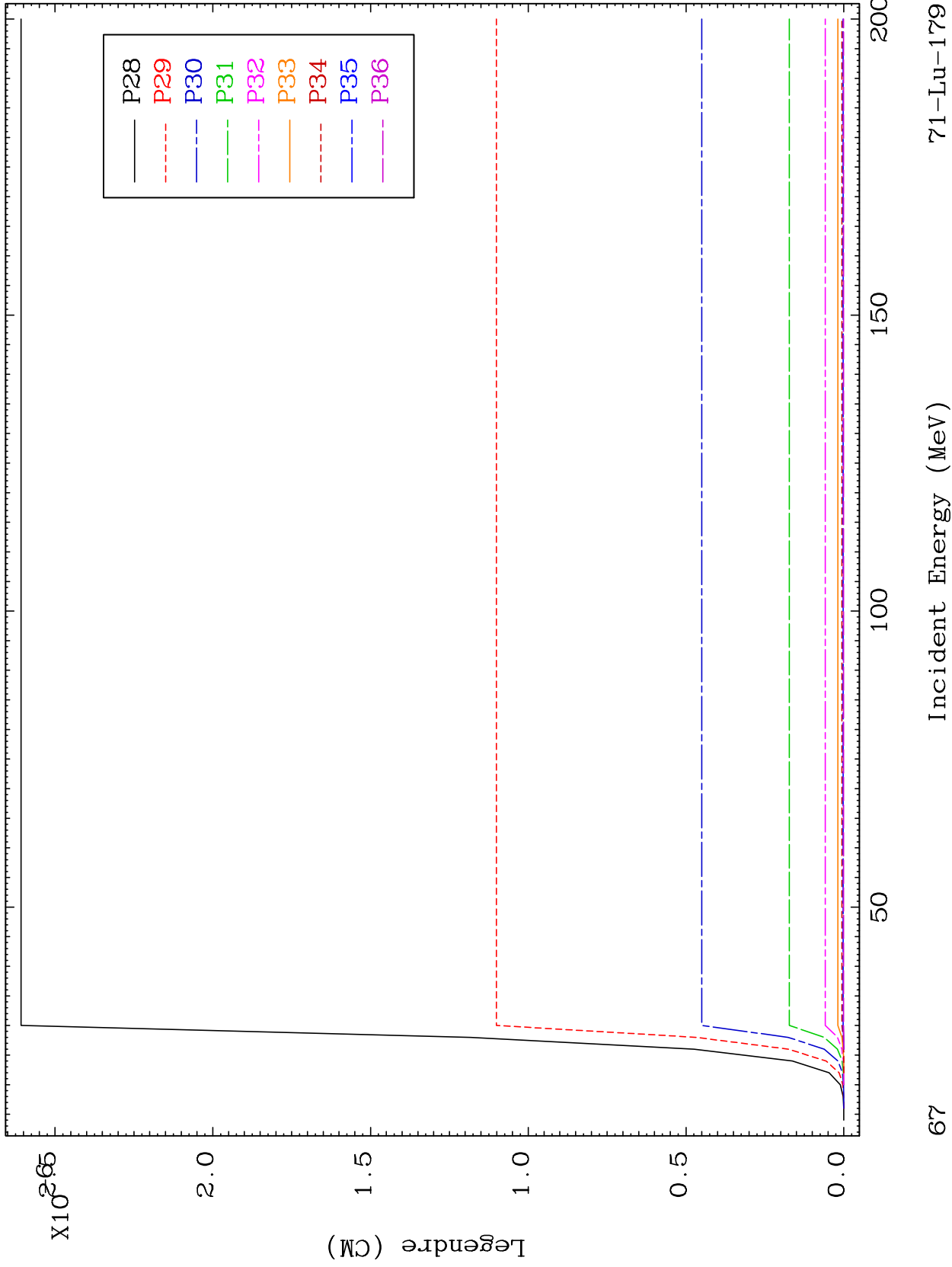




MAT 7137

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

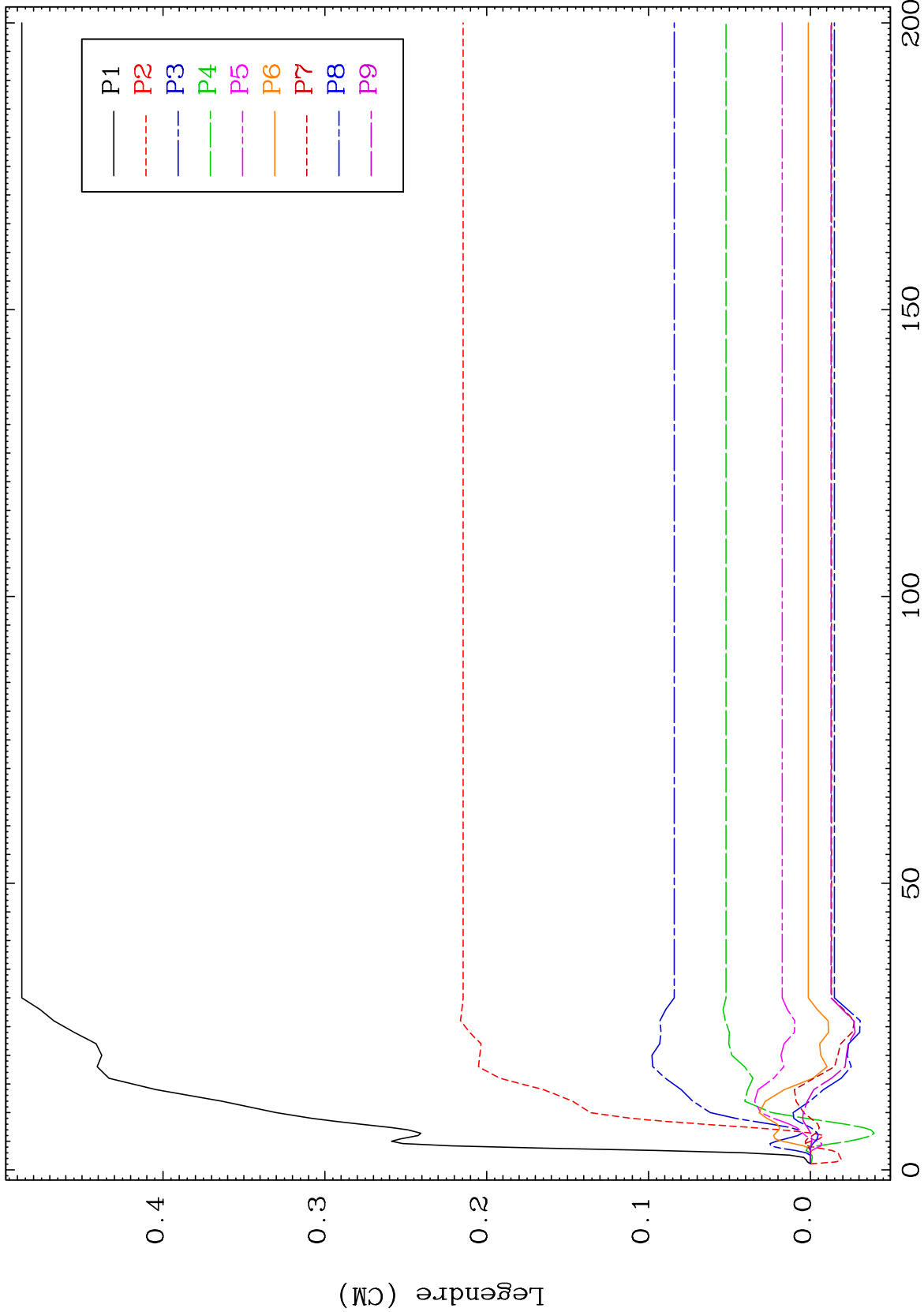
71-Lu-179



MAT 7137

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

71-Lu-179



68

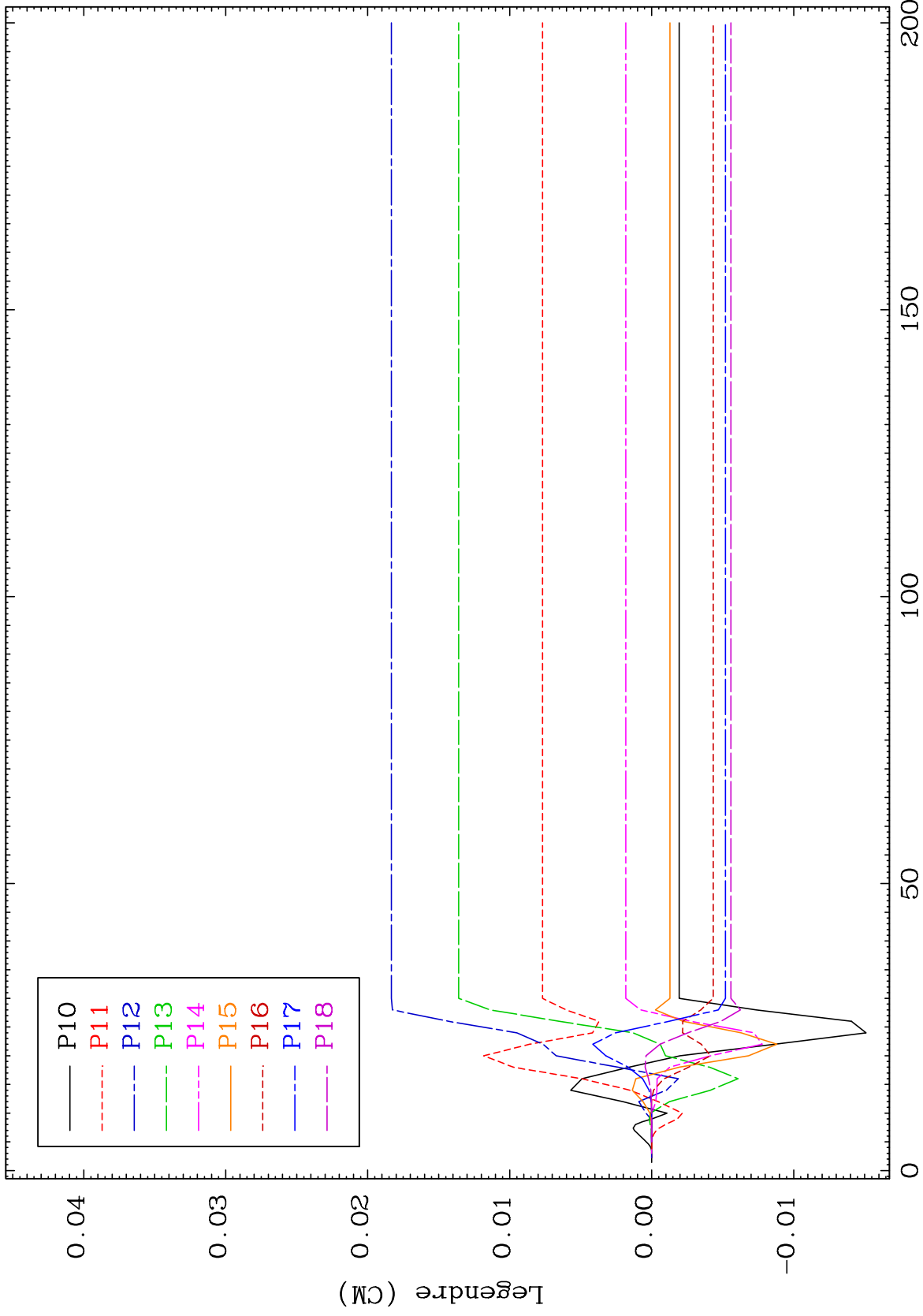
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



69

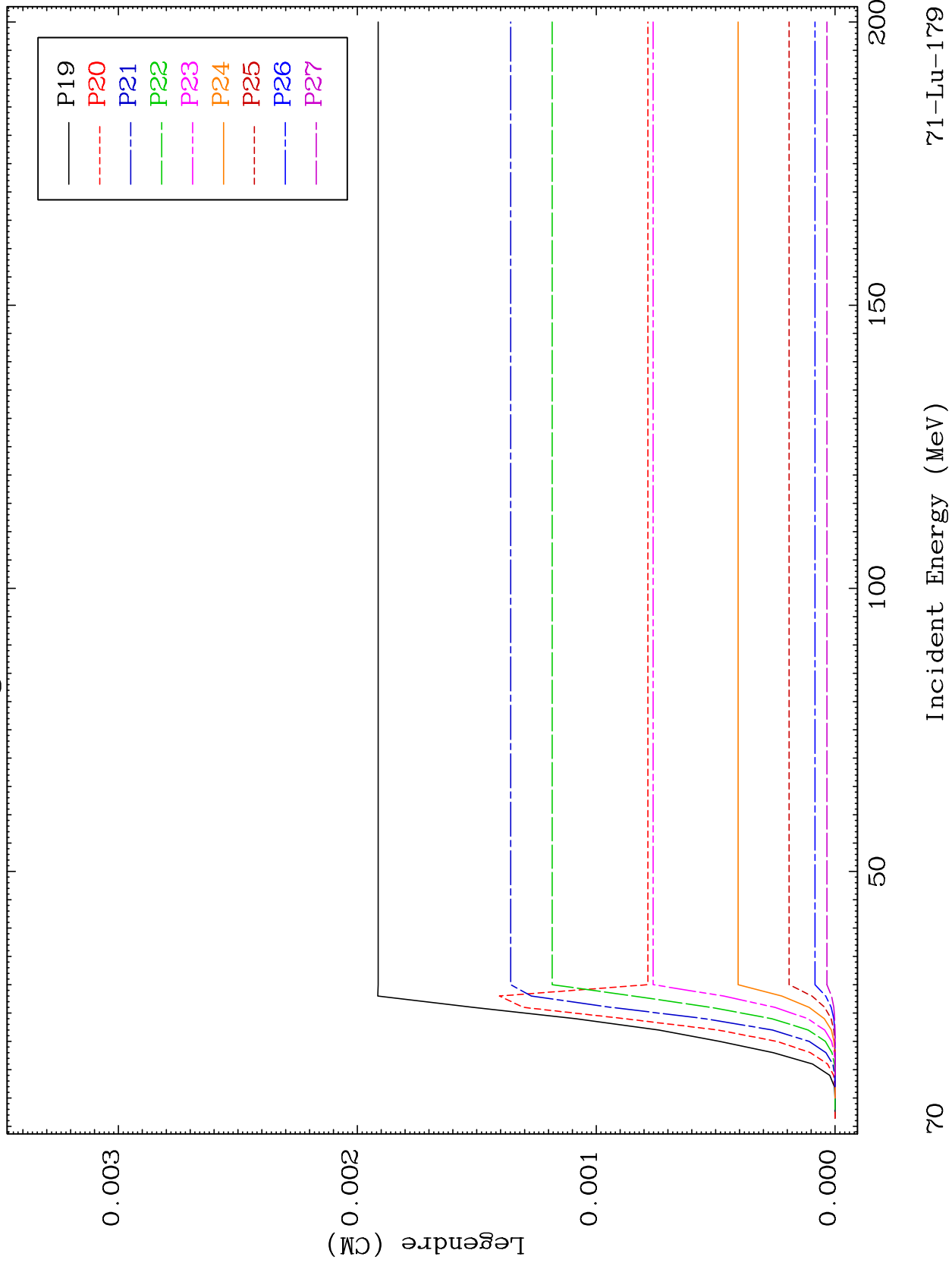
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

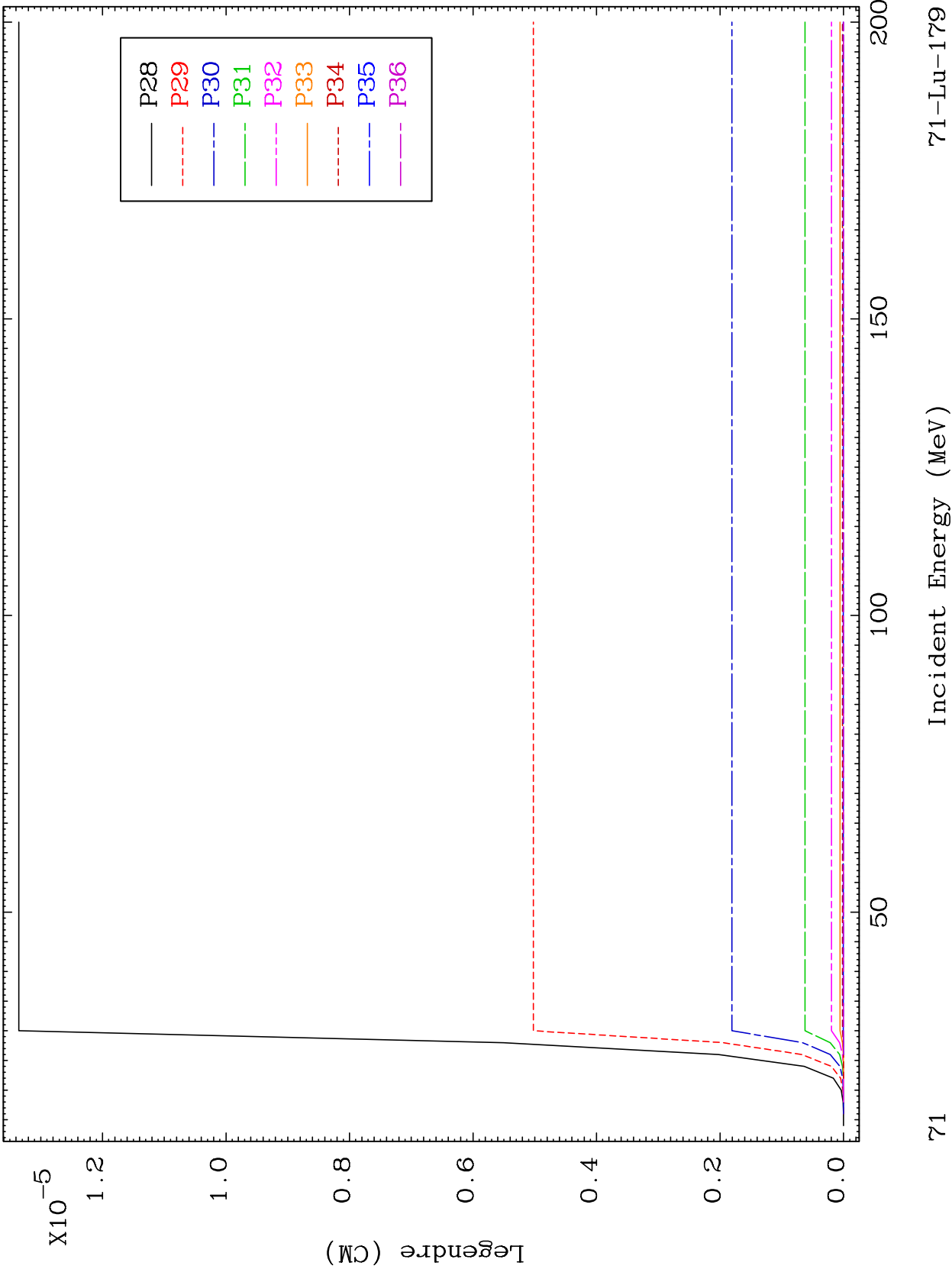
71-Lu-179



MAT 7137

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

71-Lu-179



71

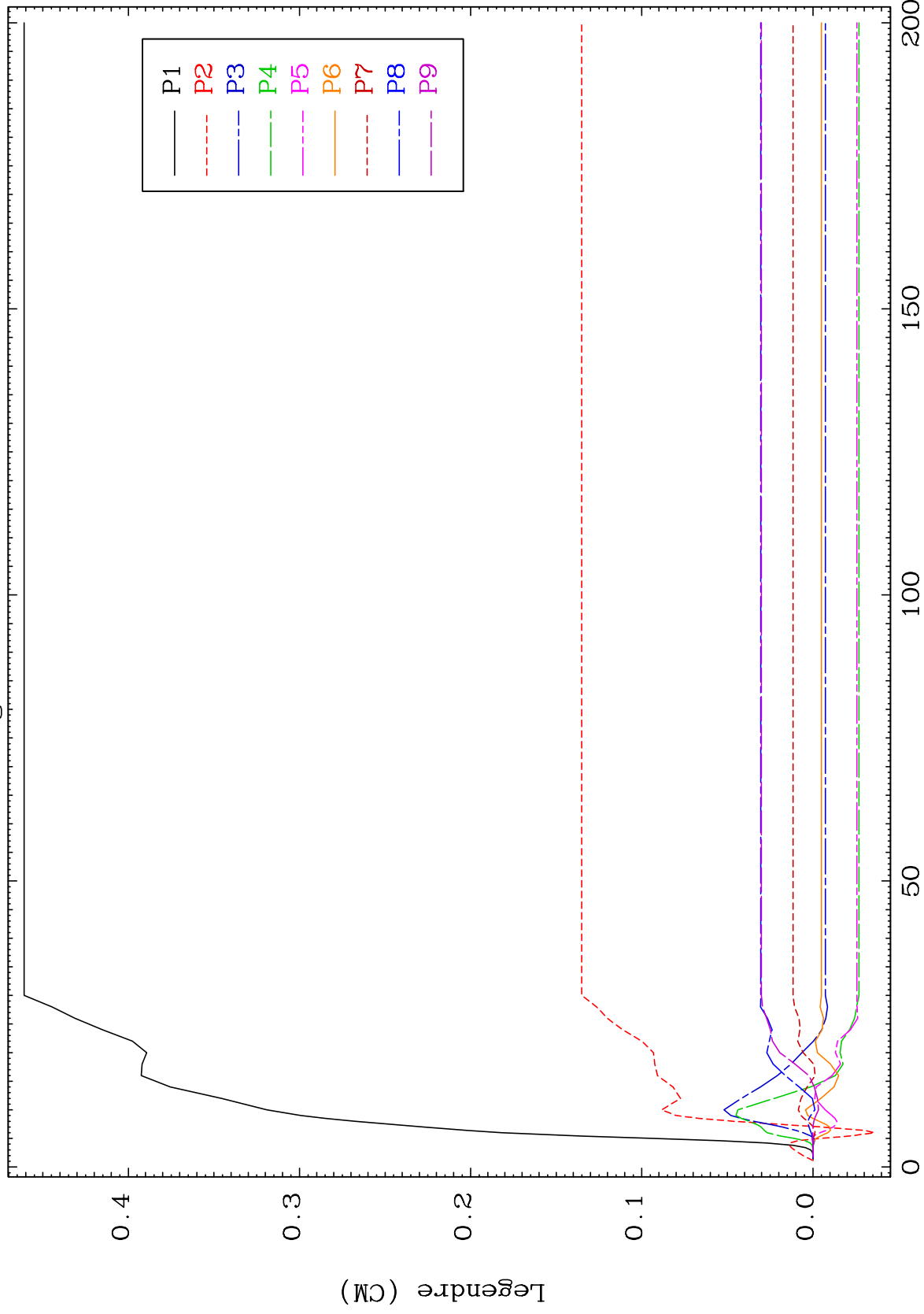
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



72

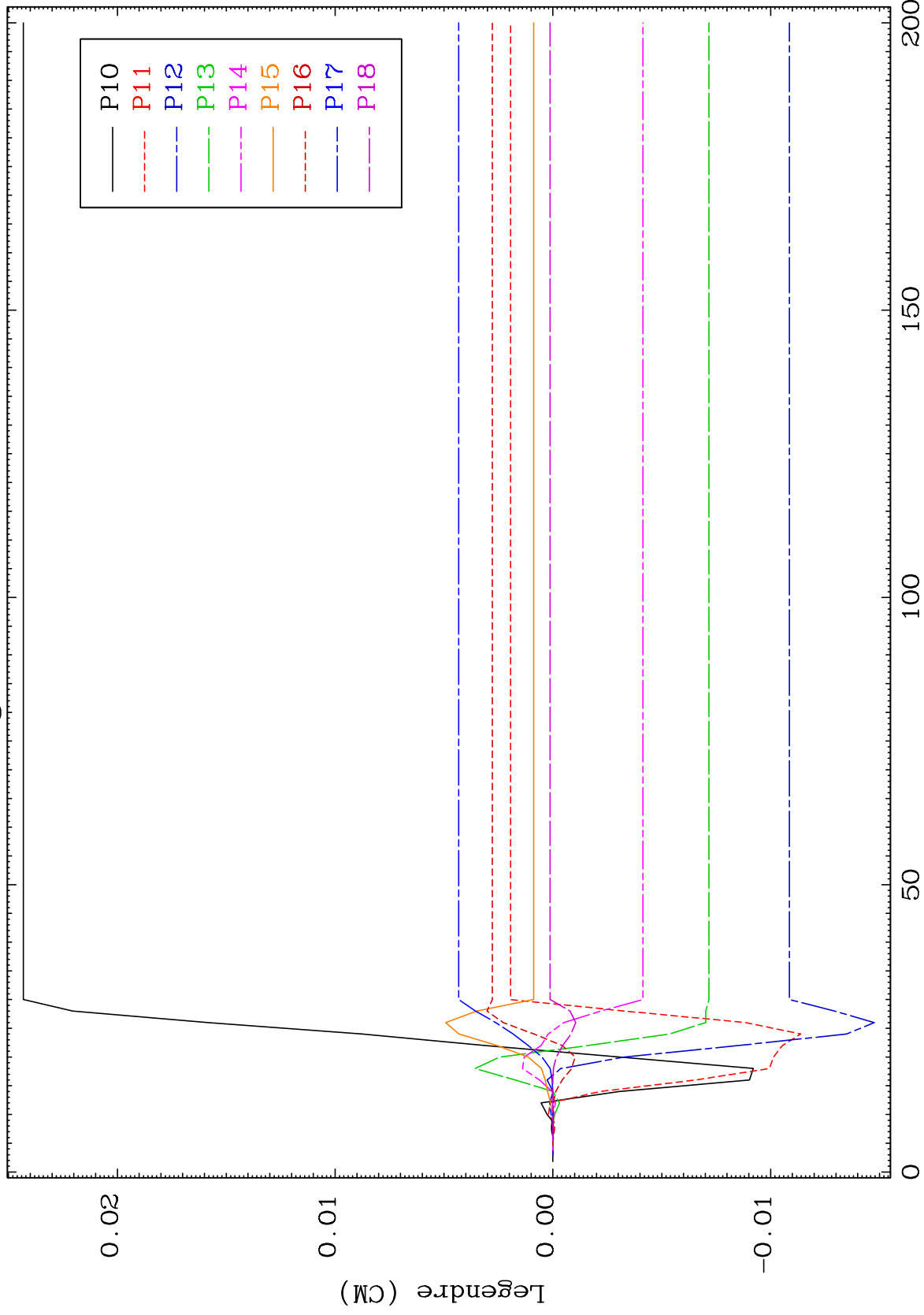
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



73

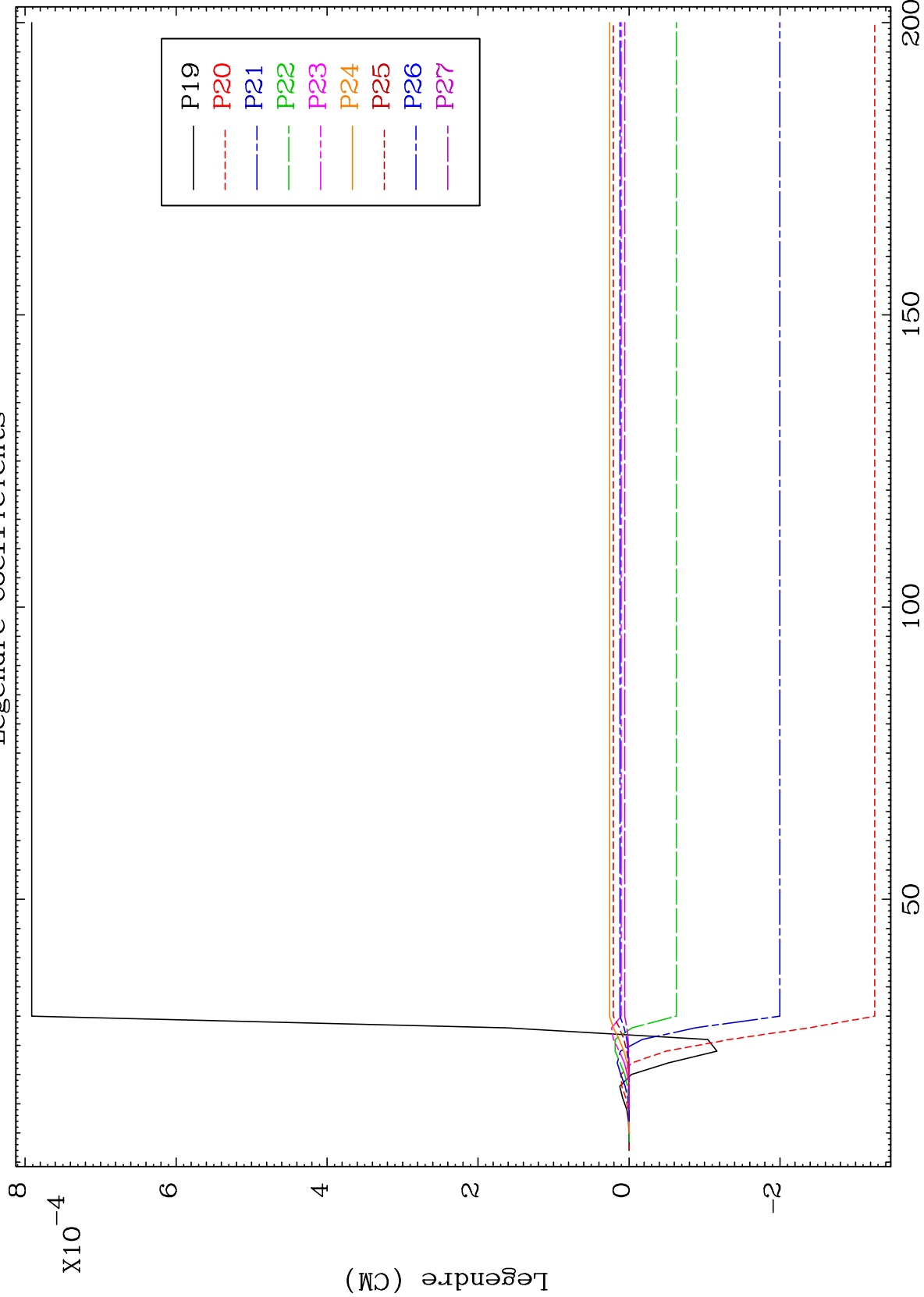
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



74

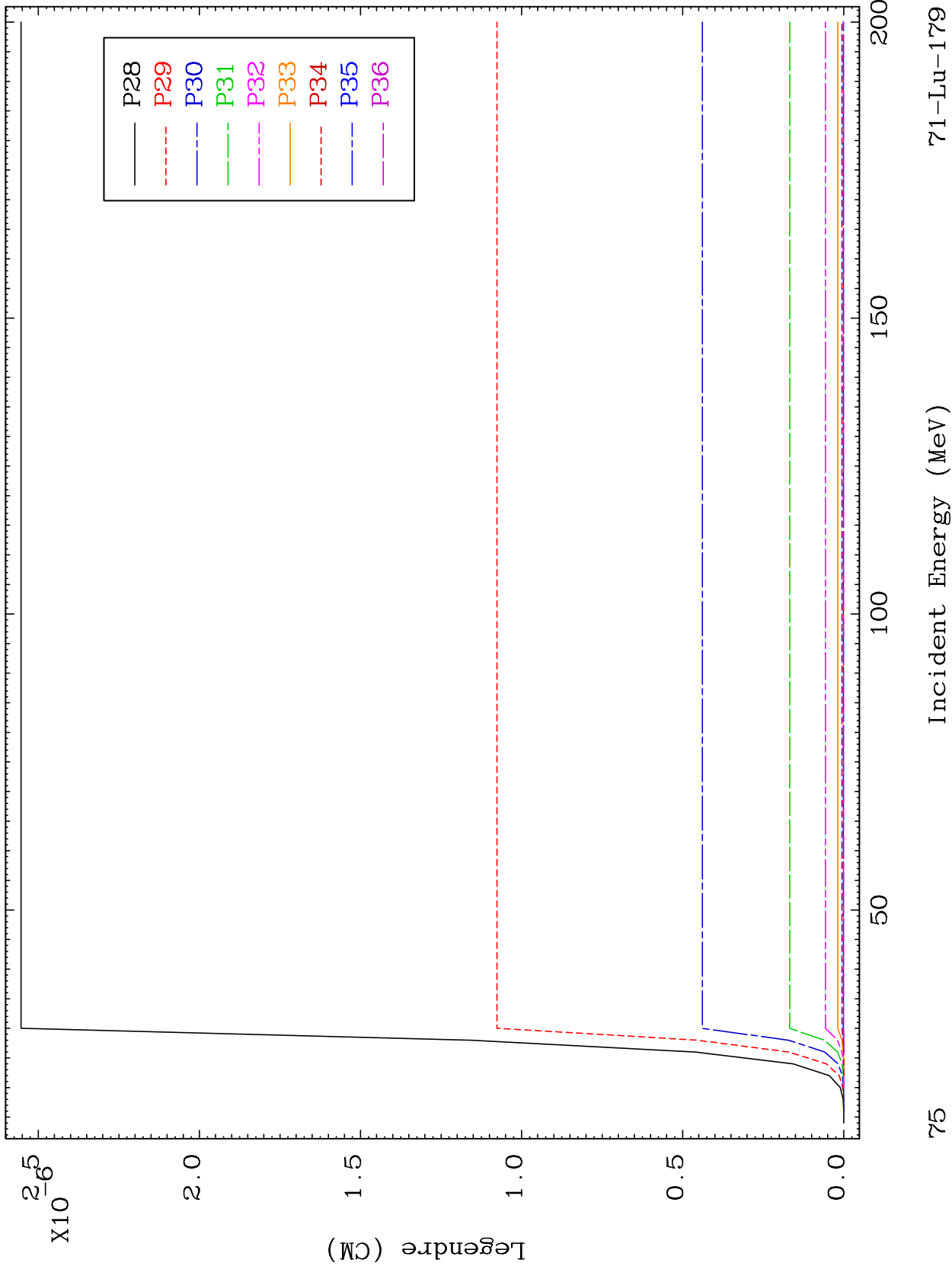
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



75

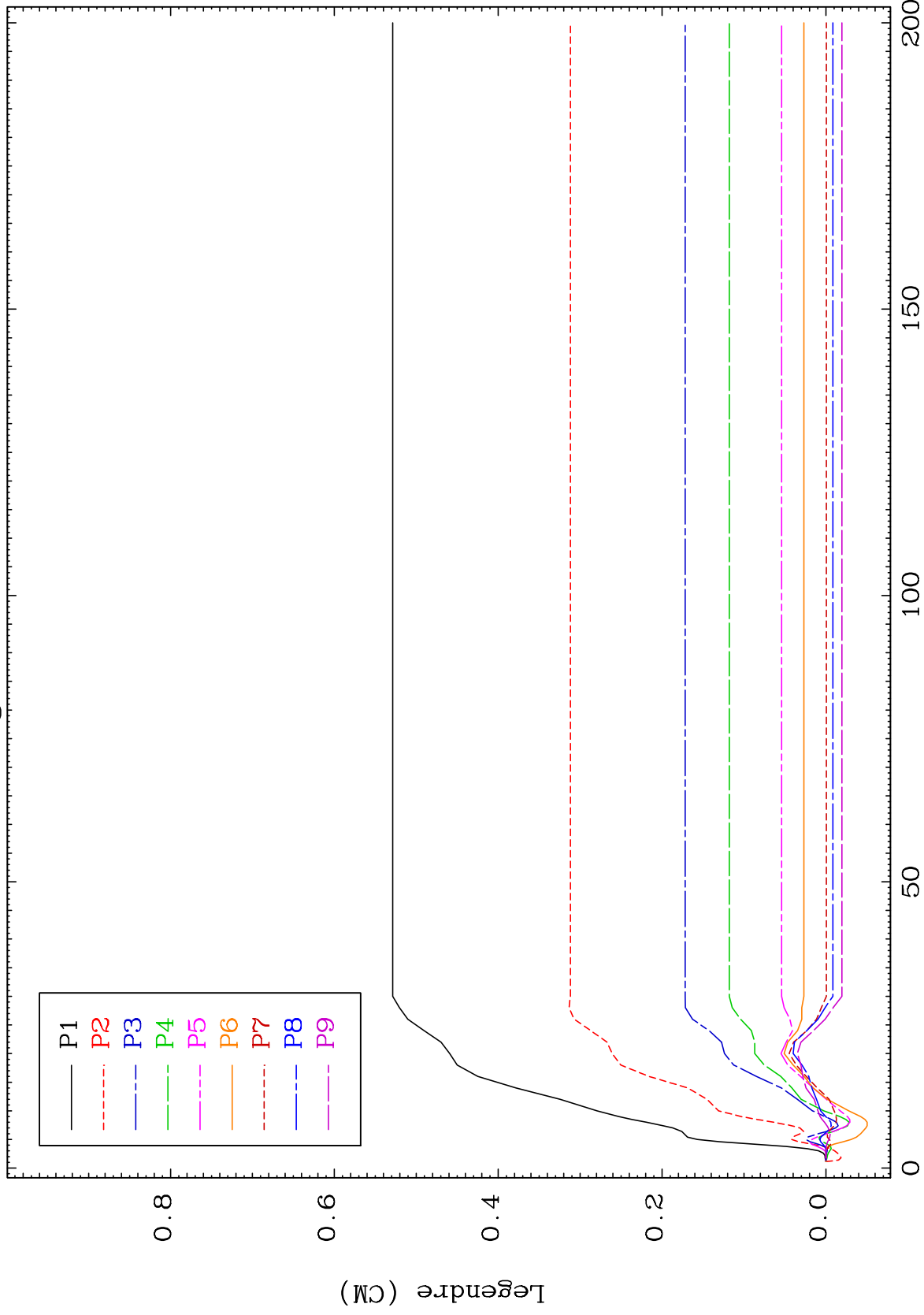
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



76

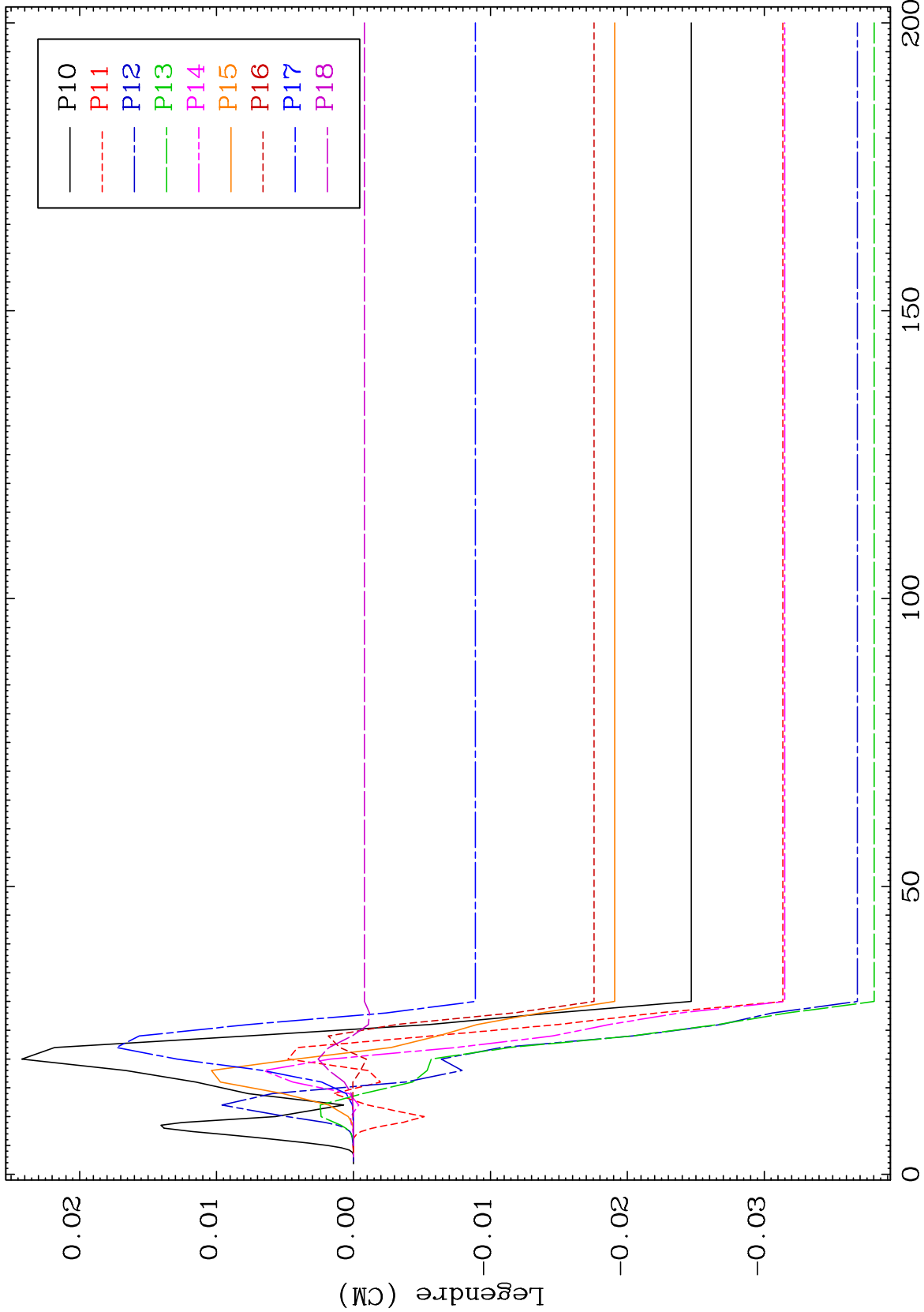
71-Lu-179

71-Lu-179

MAT 7137

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

71-Lu-179



77

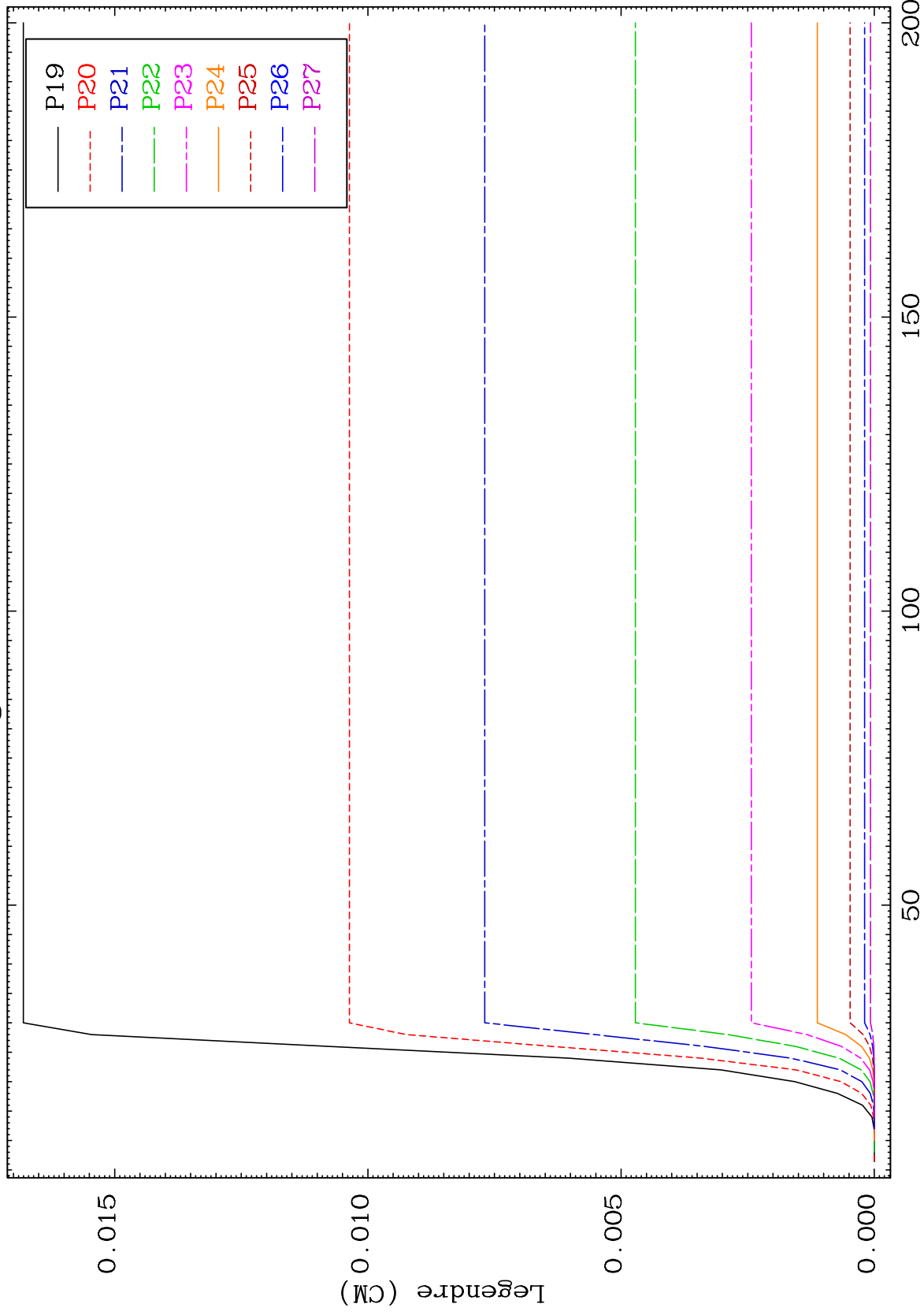
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



78

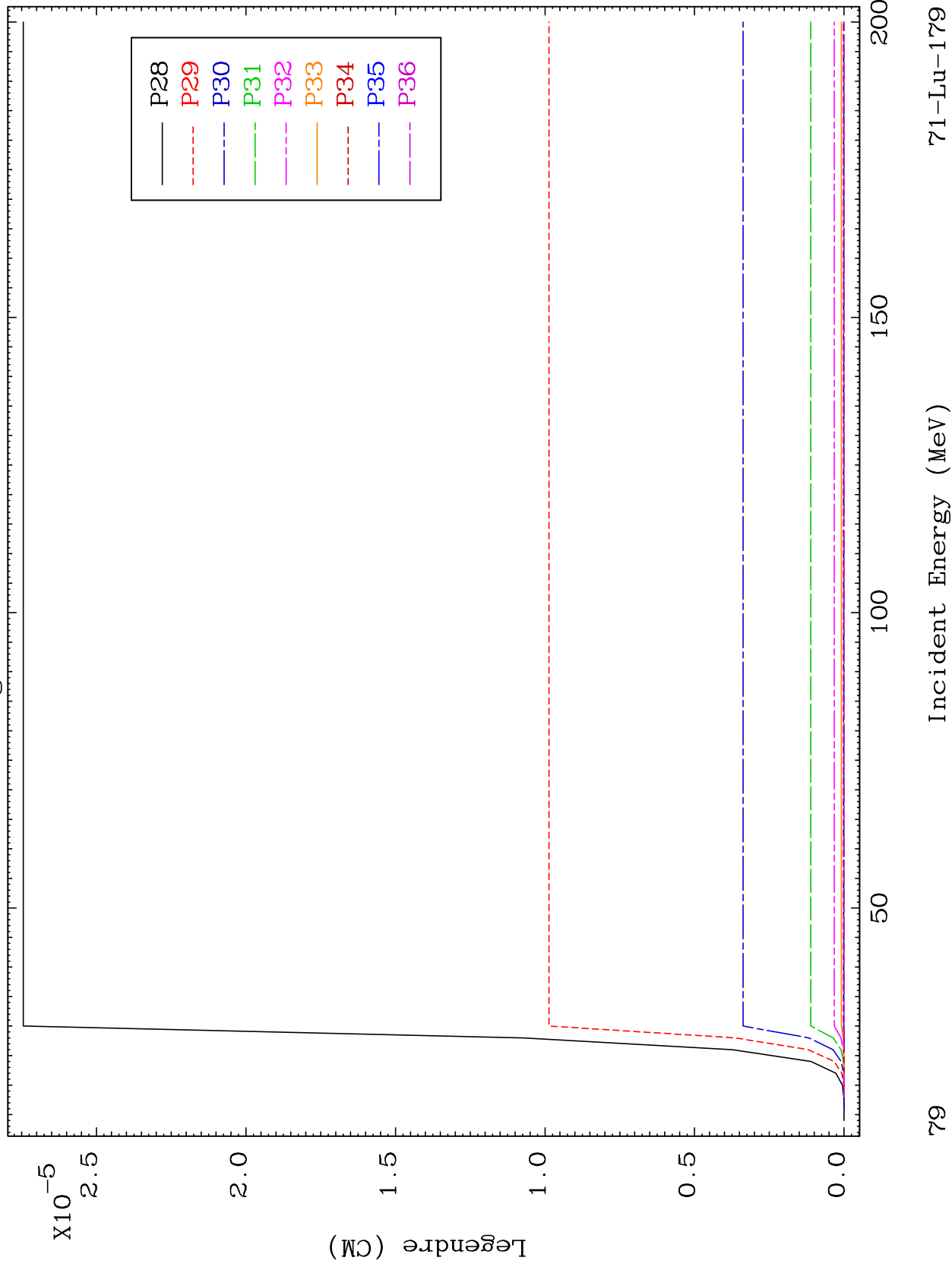
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179

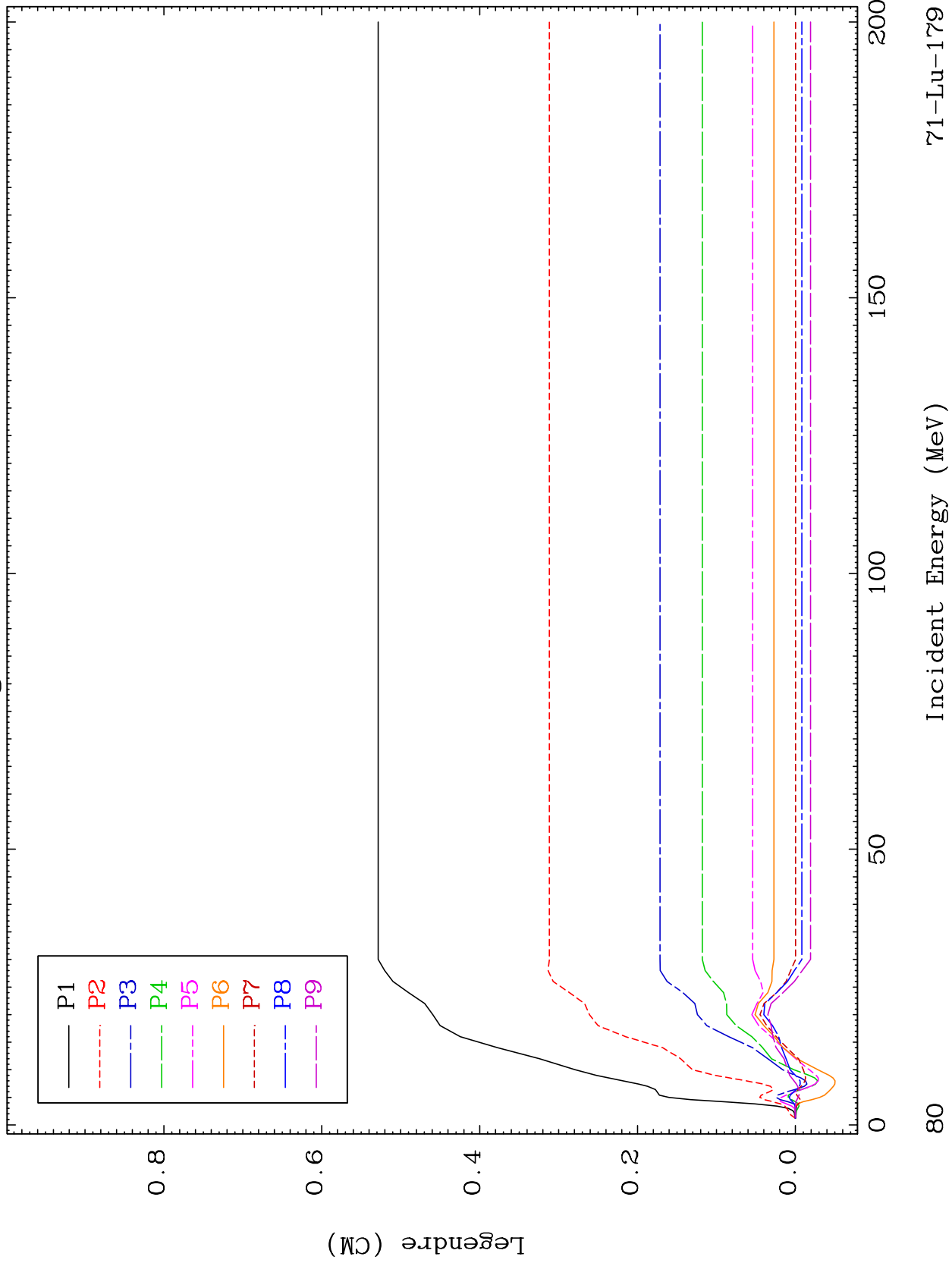


79

MAT 7137

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

71-Lu-179



71-Lu-179

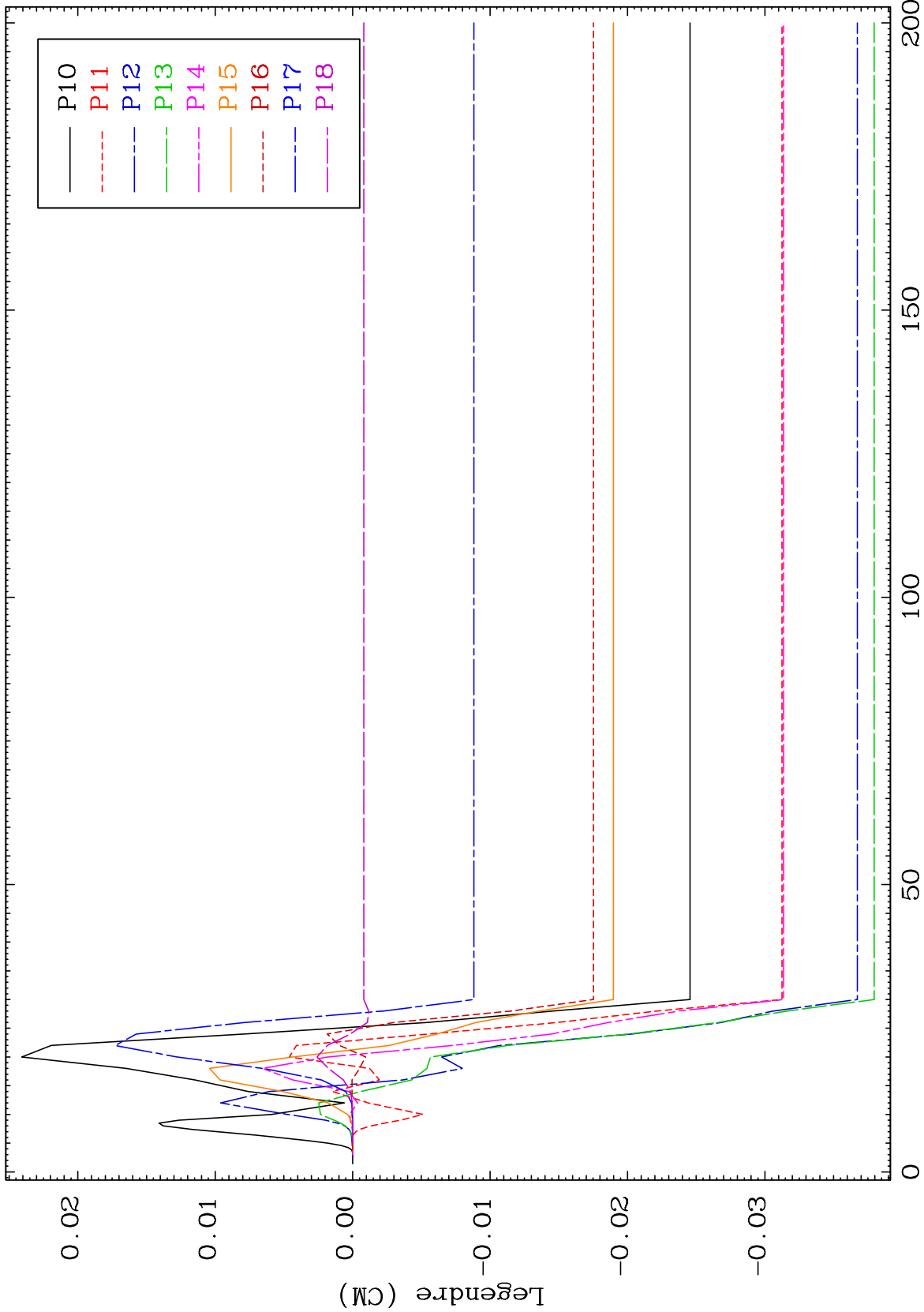
Incident Energy (MeV)

80

MAT 7137

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

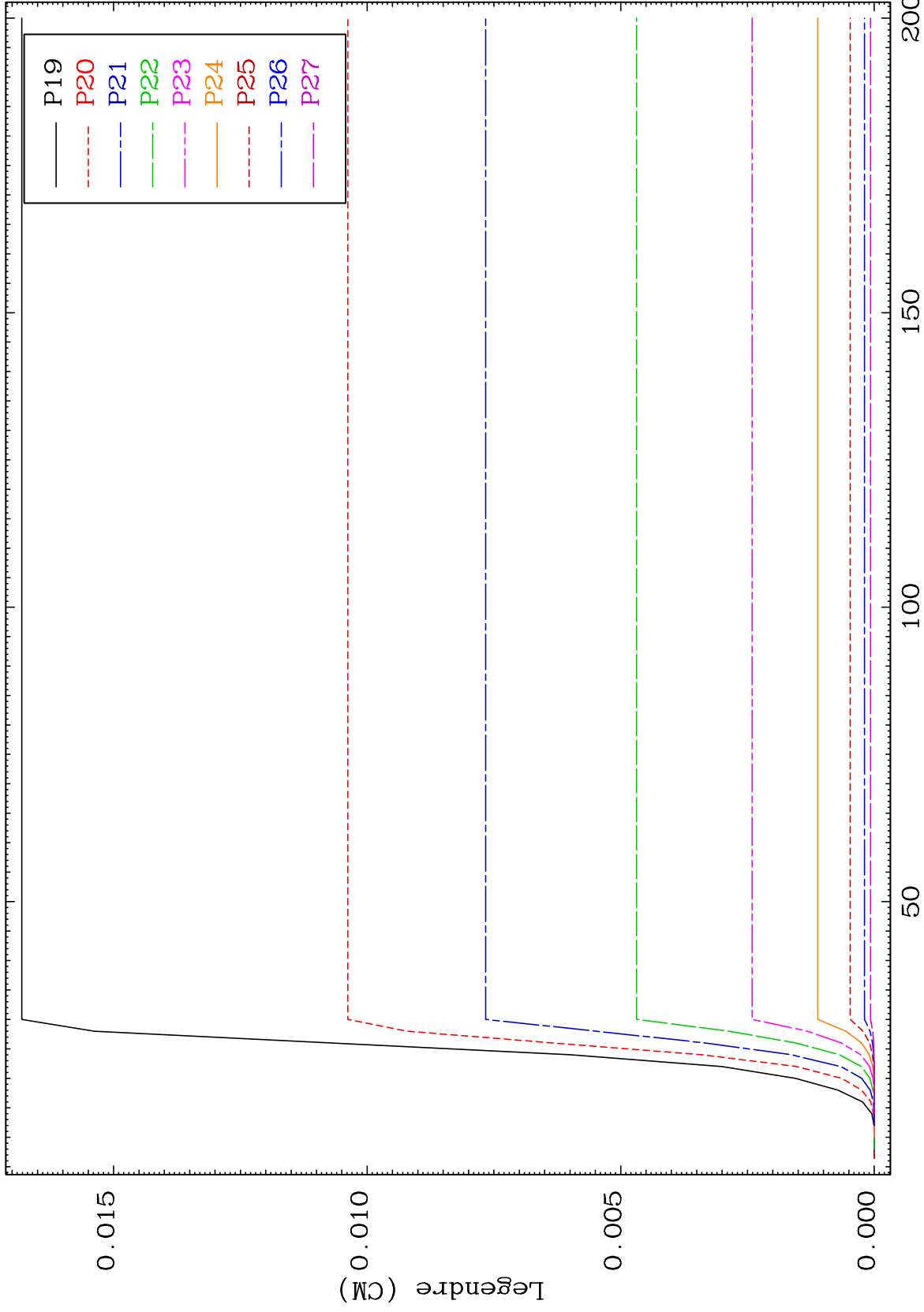
71-Lu-179



81

Incident Energy (MeV)

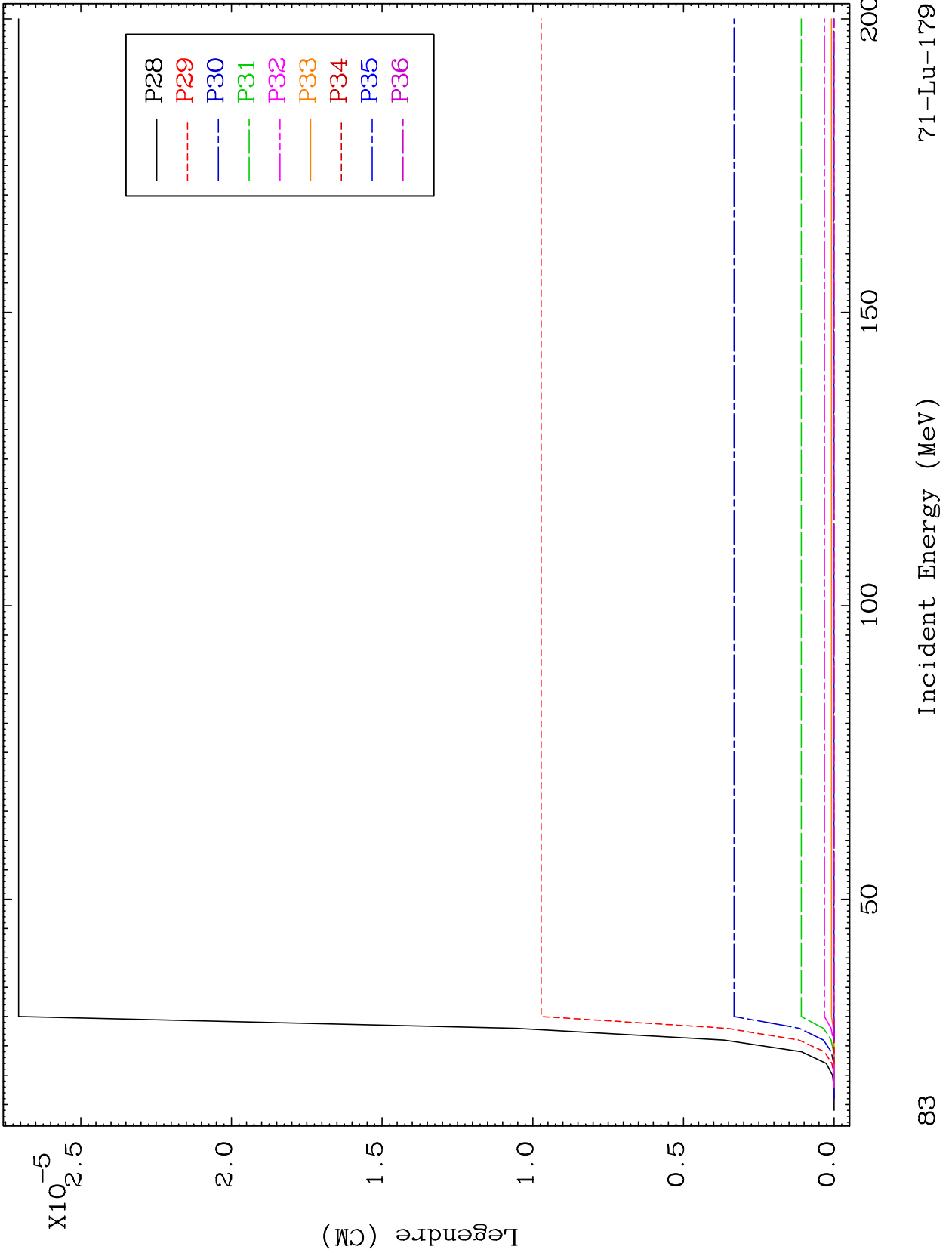
71-Lu-179



MAT 7137

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

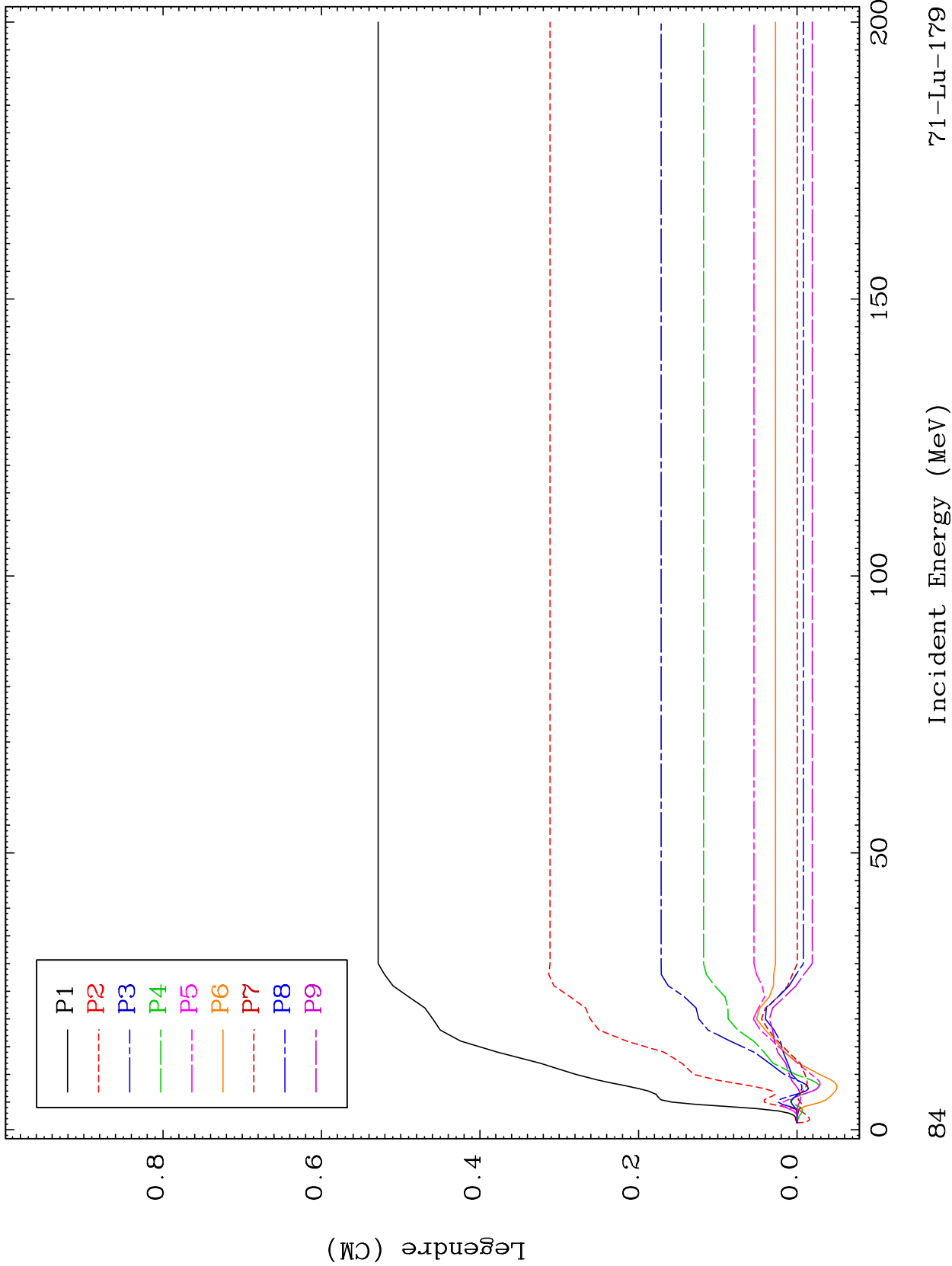
71-Lu-179



MAT 7137

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

71-Lu-179



71-Lu-179

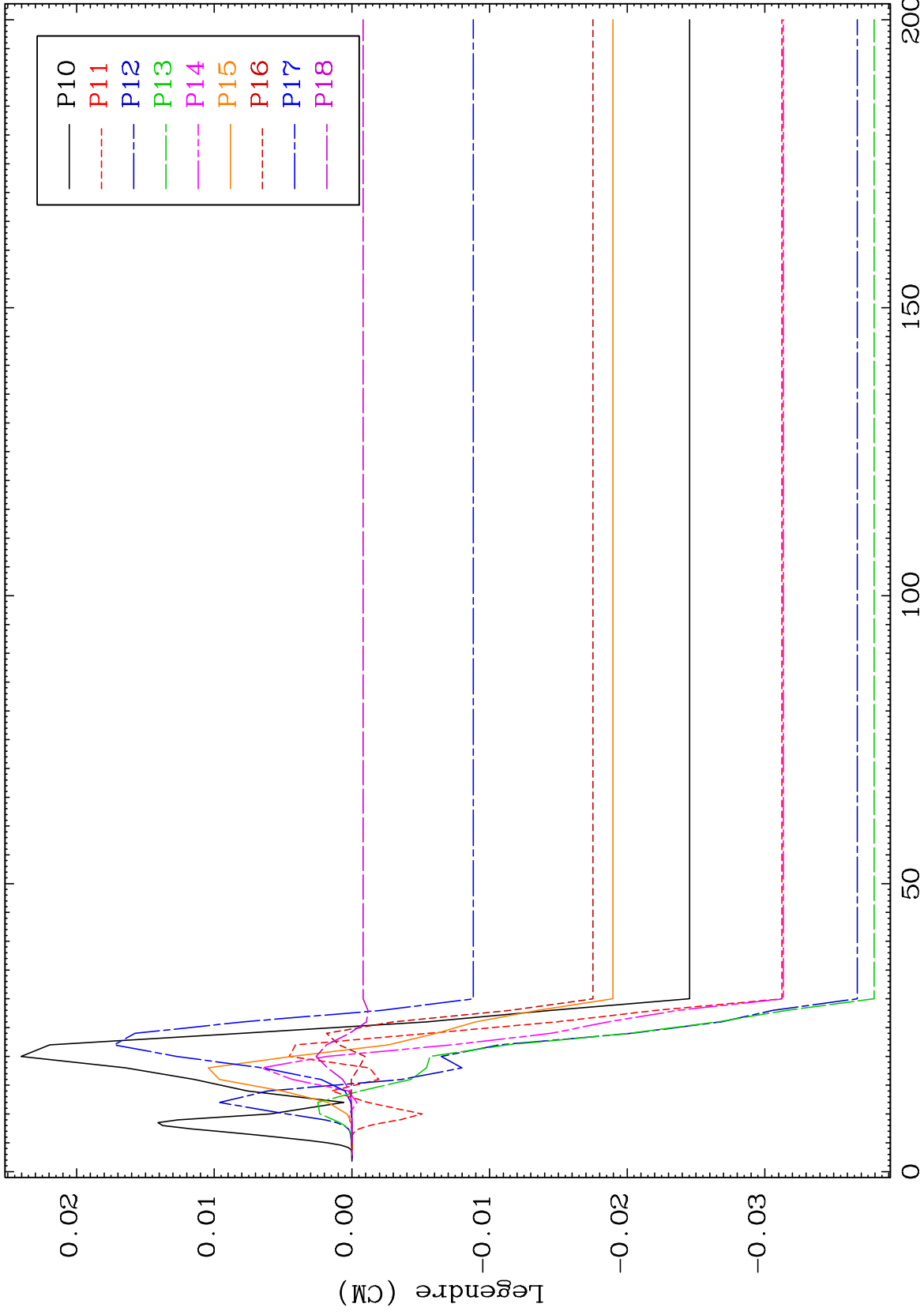
Incident Energy (MeV)

84

MAT 7137

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

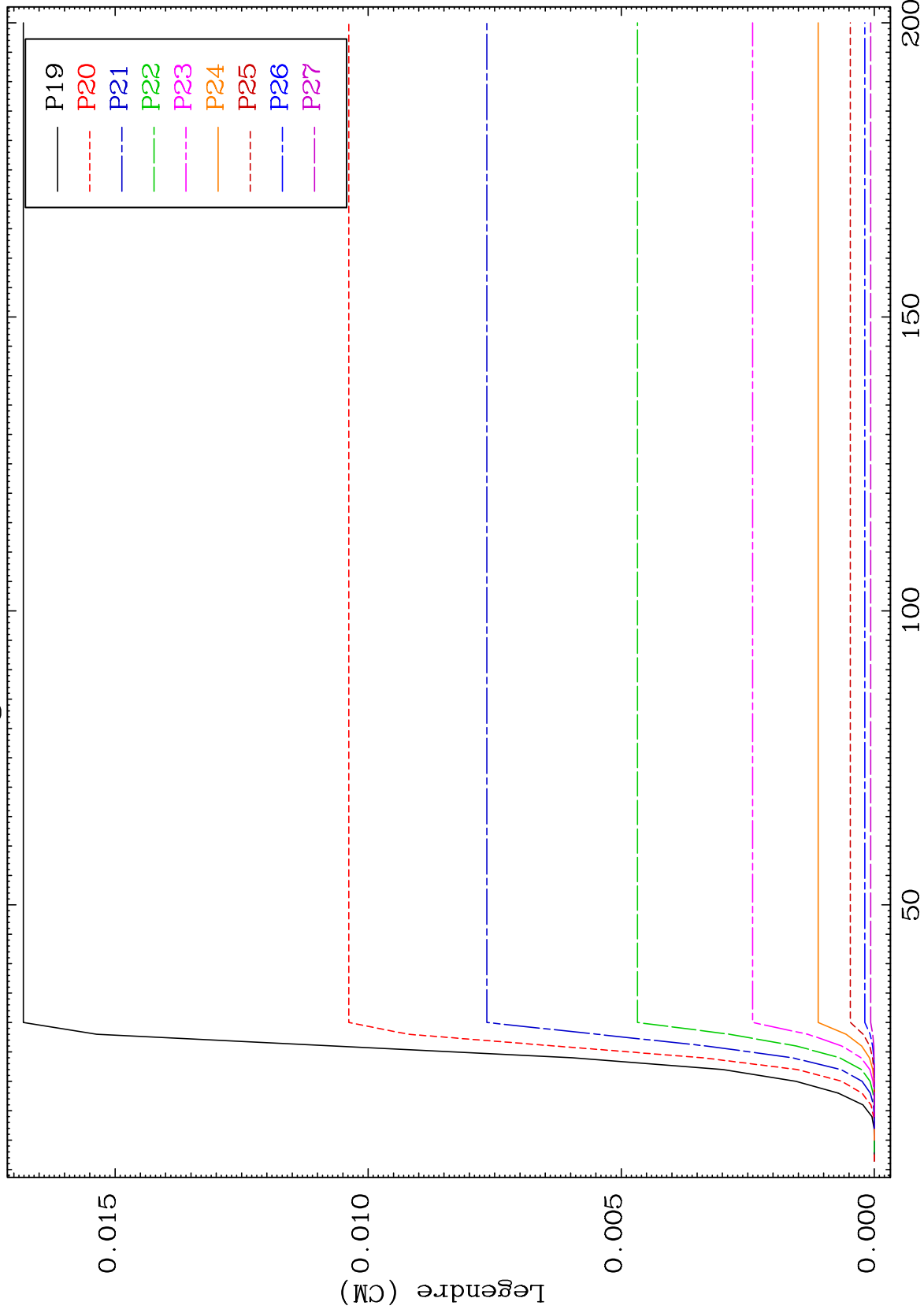
71-Lu-179



85

Incident Energy (MeV)

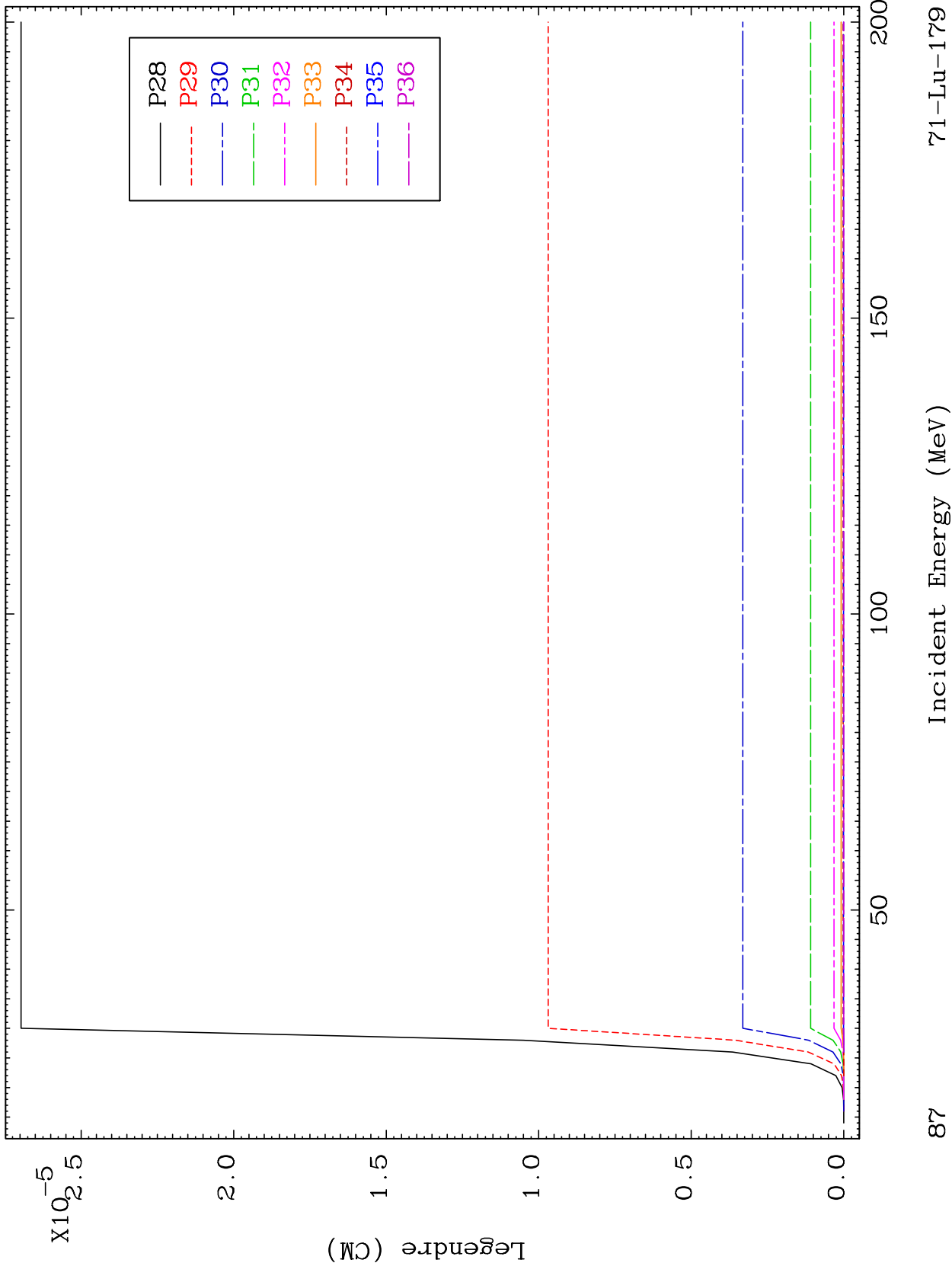
71-Lu-179



MAT 7137

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

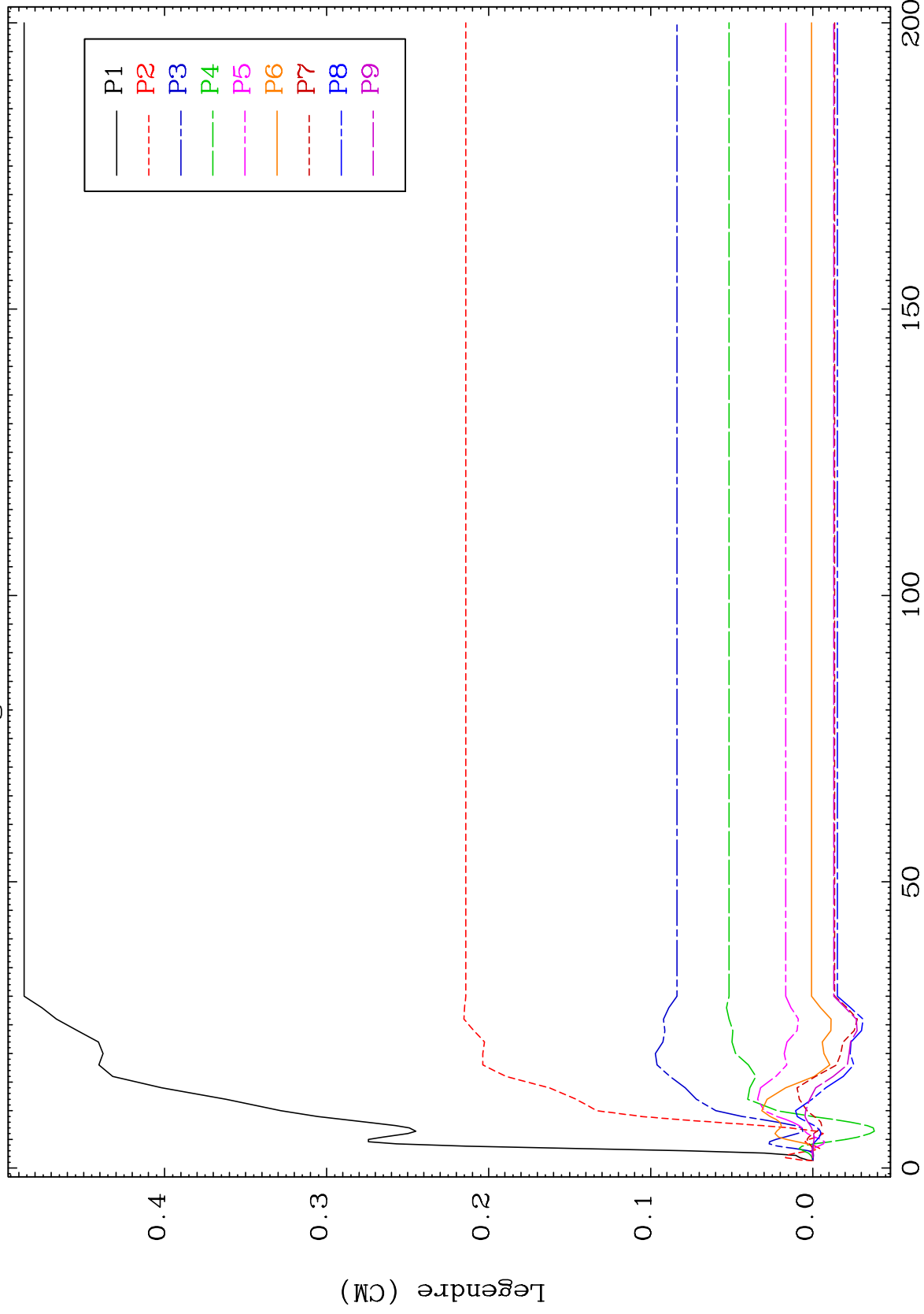
71-Lu-179



MAT 7137

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

71-Lu-179



88

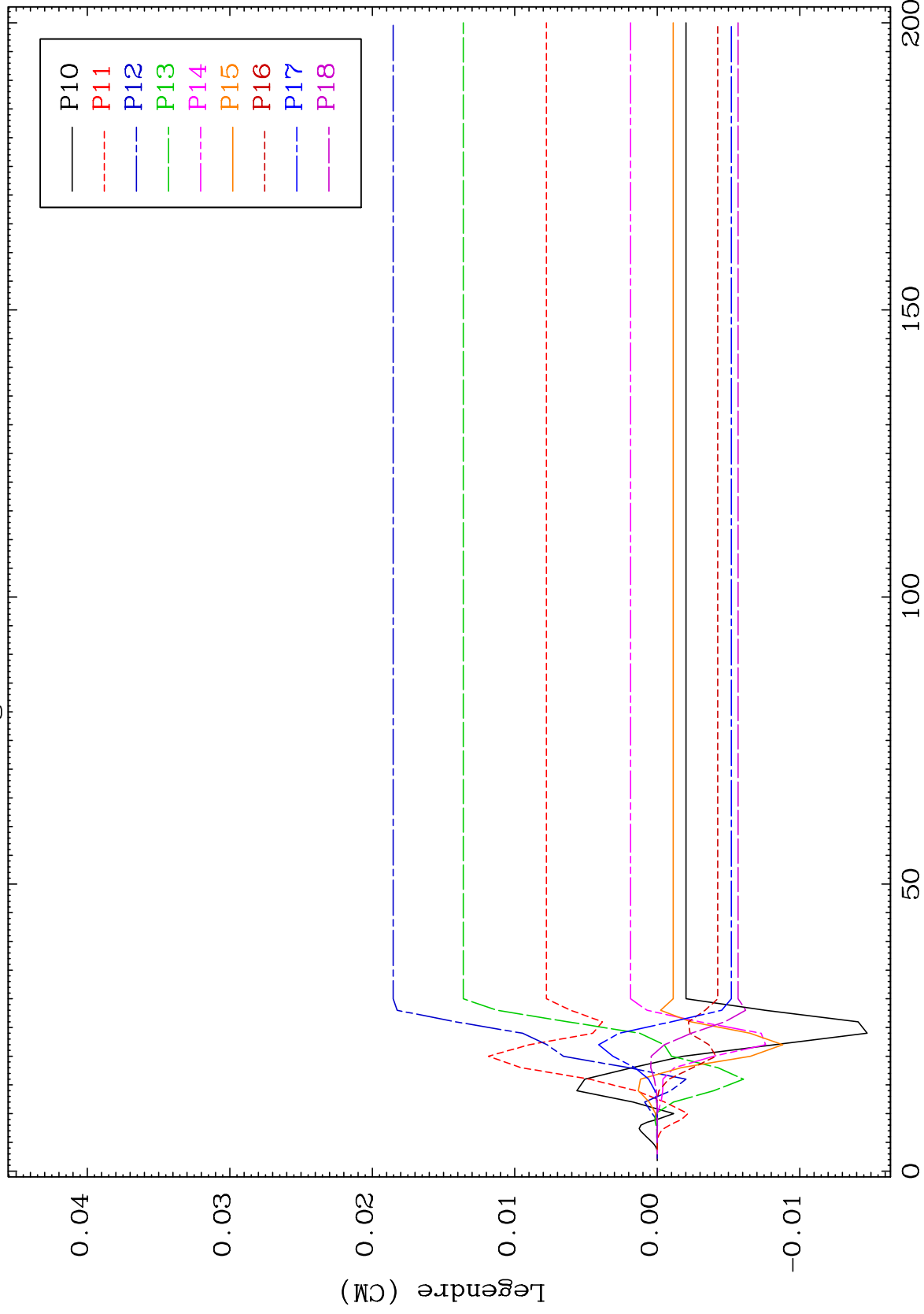
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



89

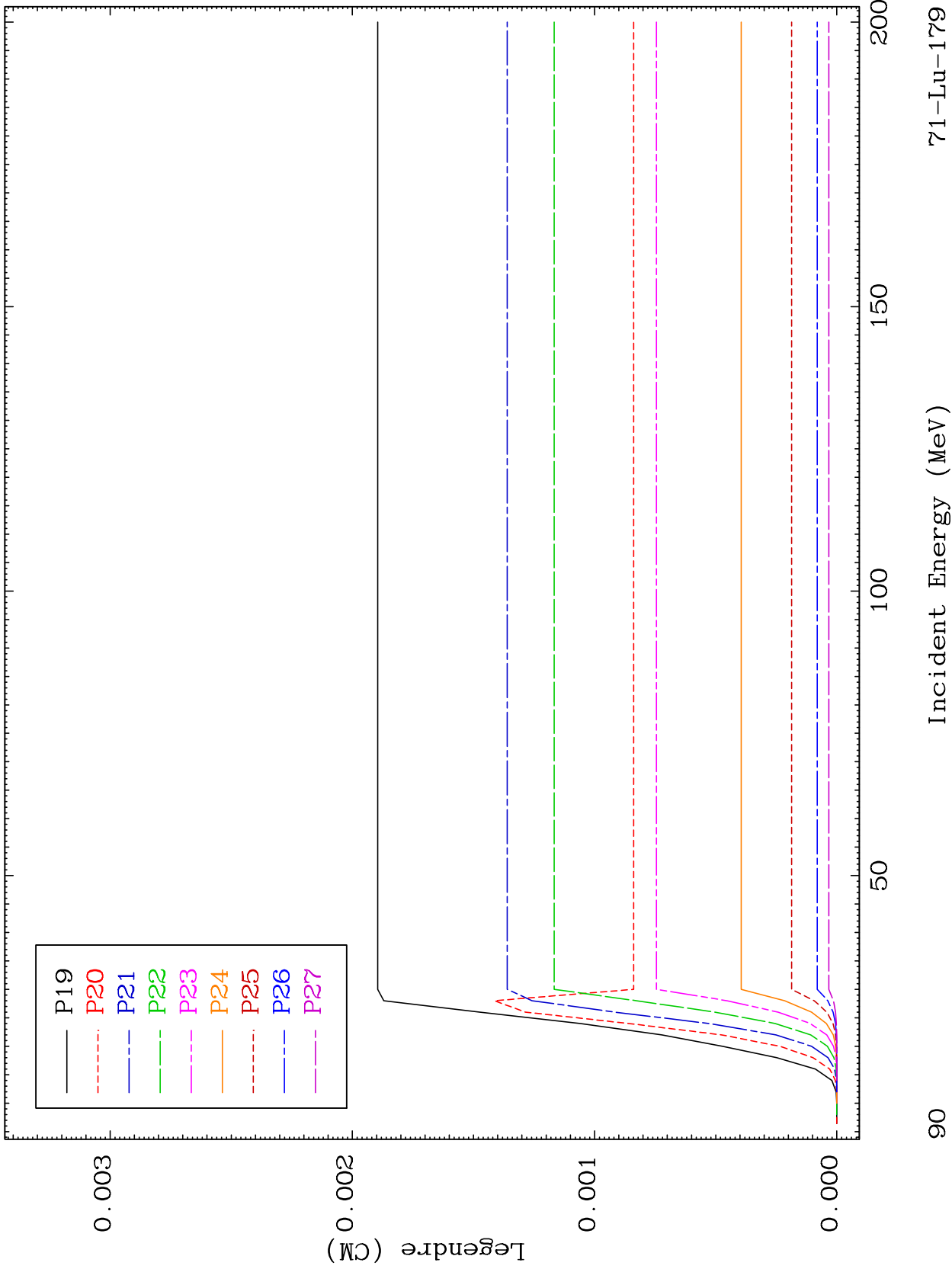
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



90

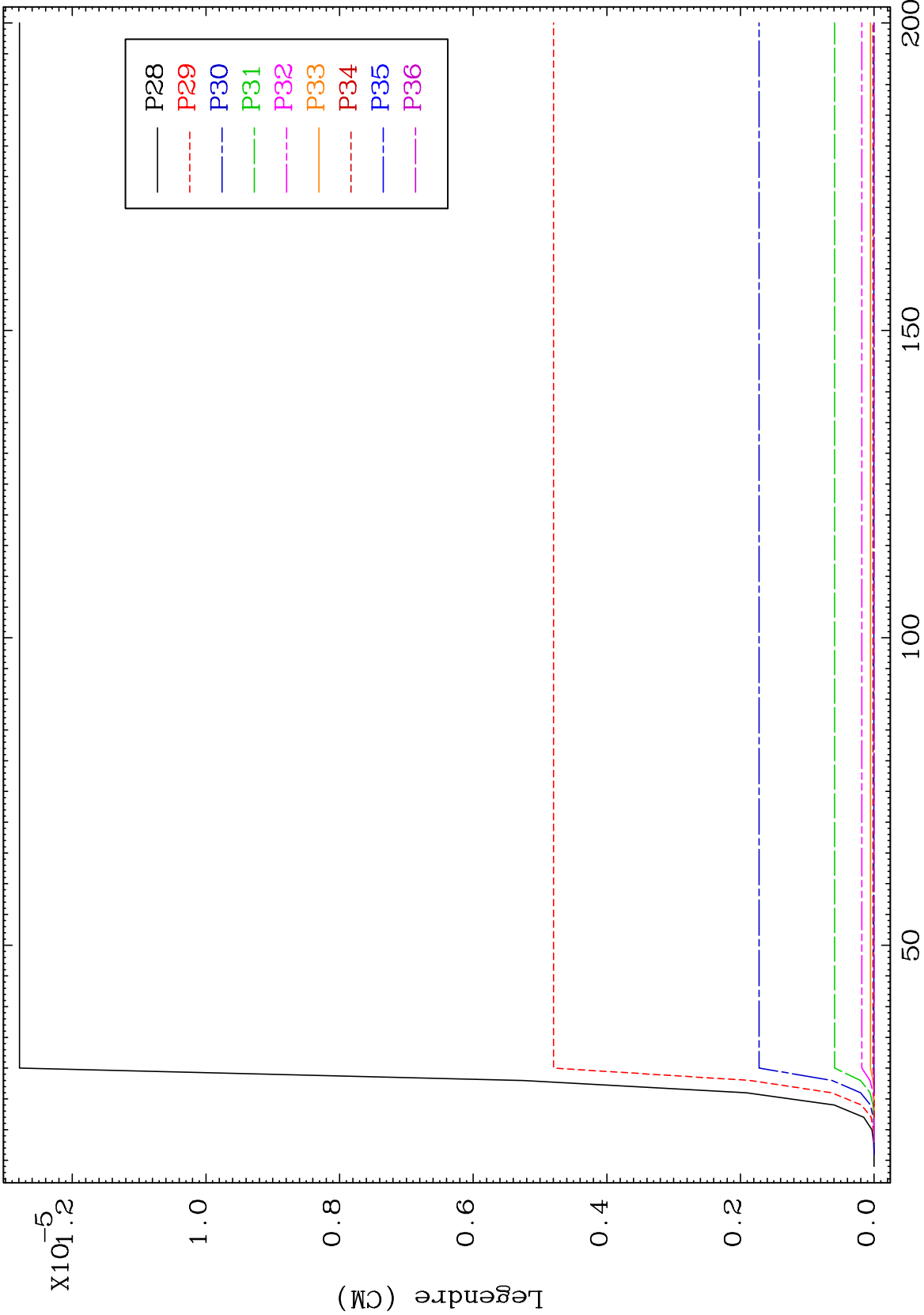
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



91

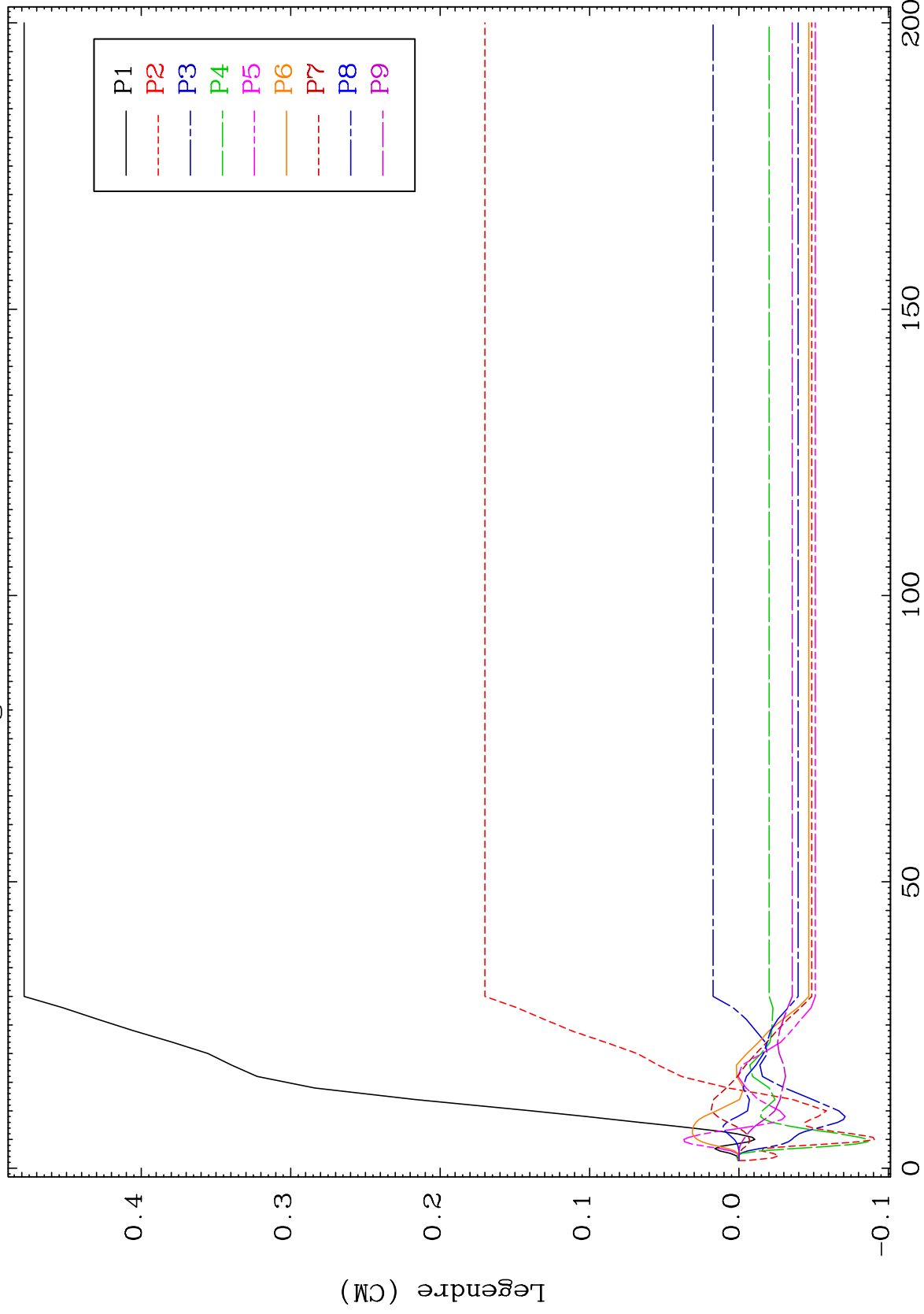
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



92

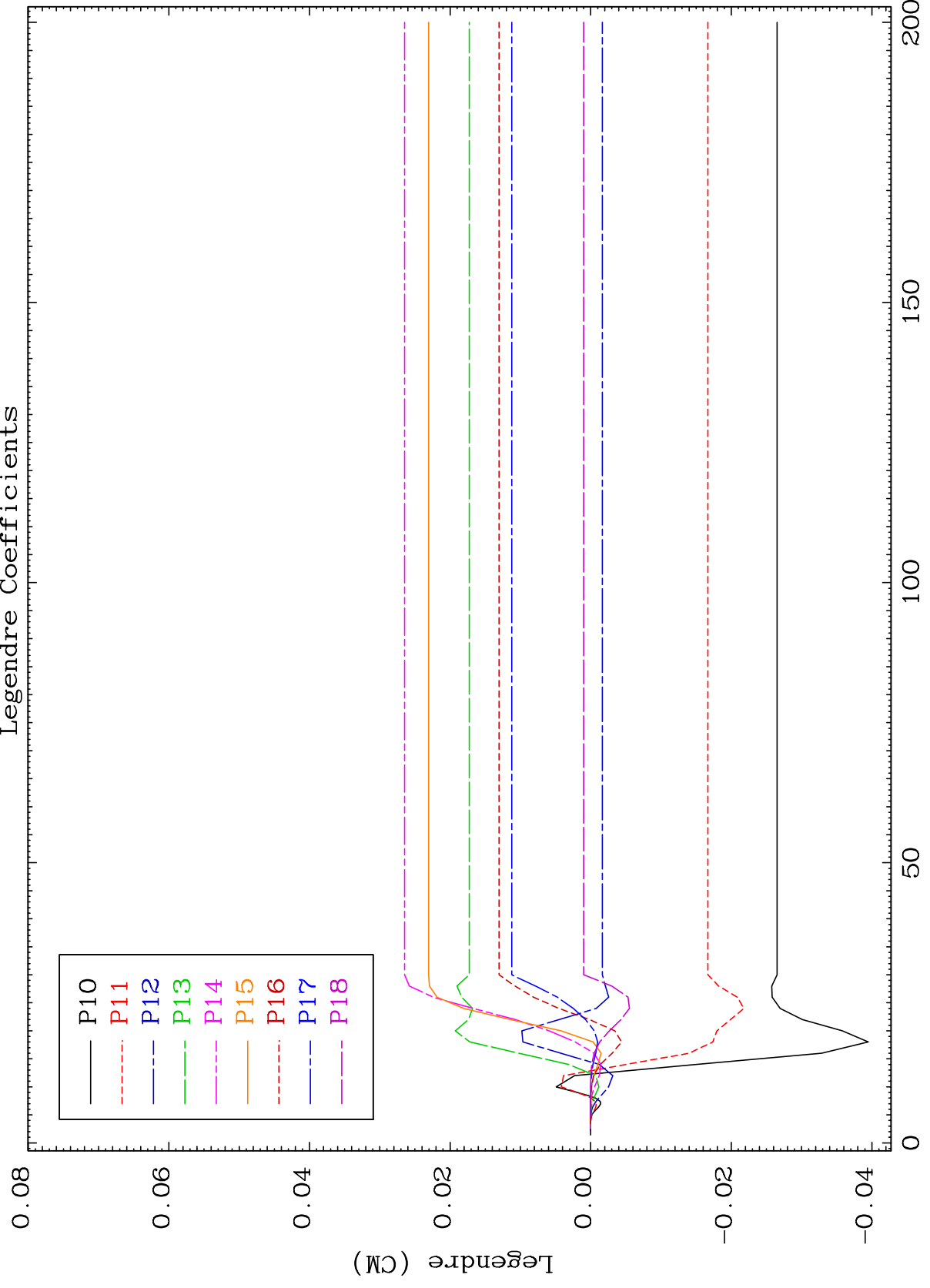
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



93

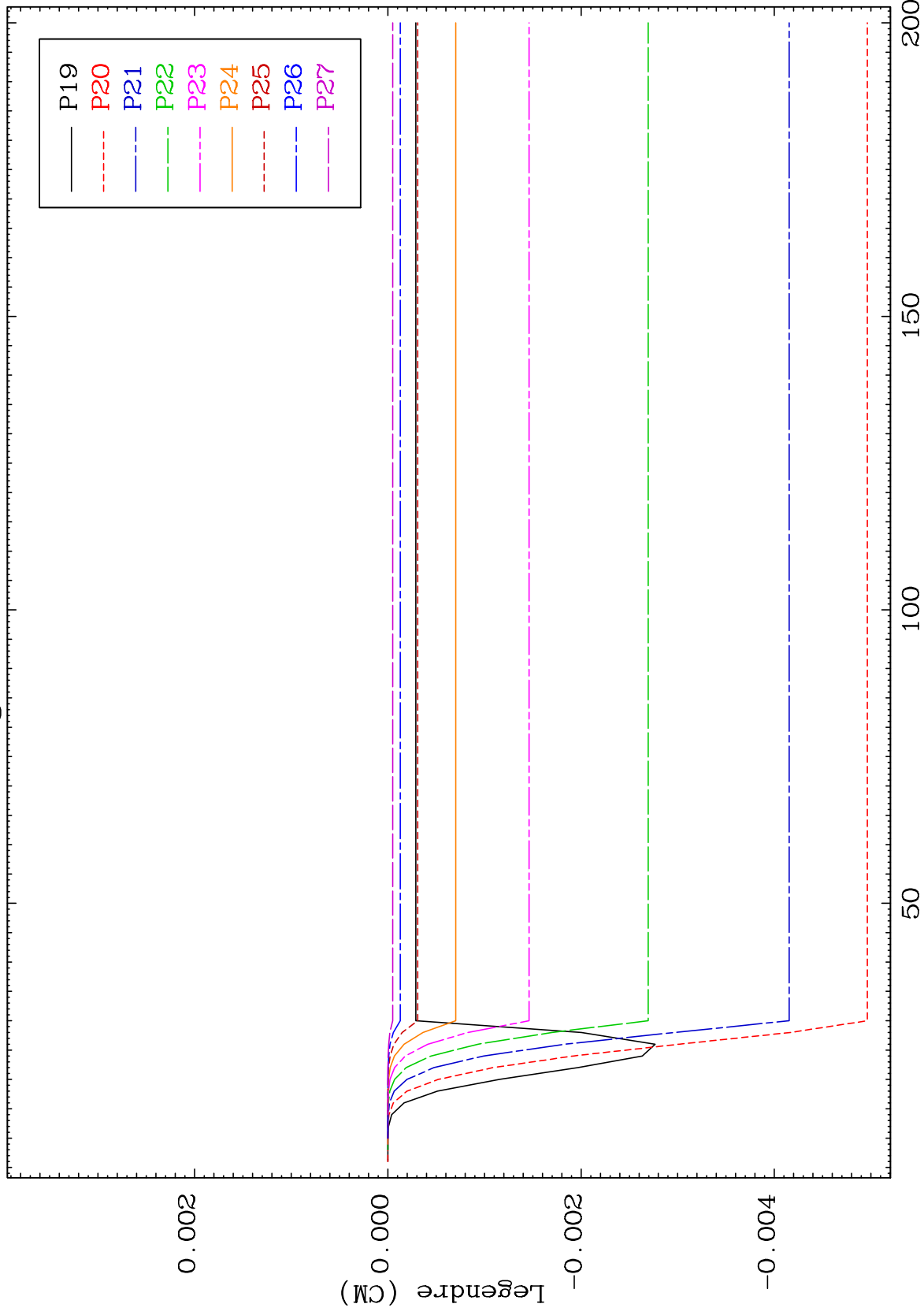
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

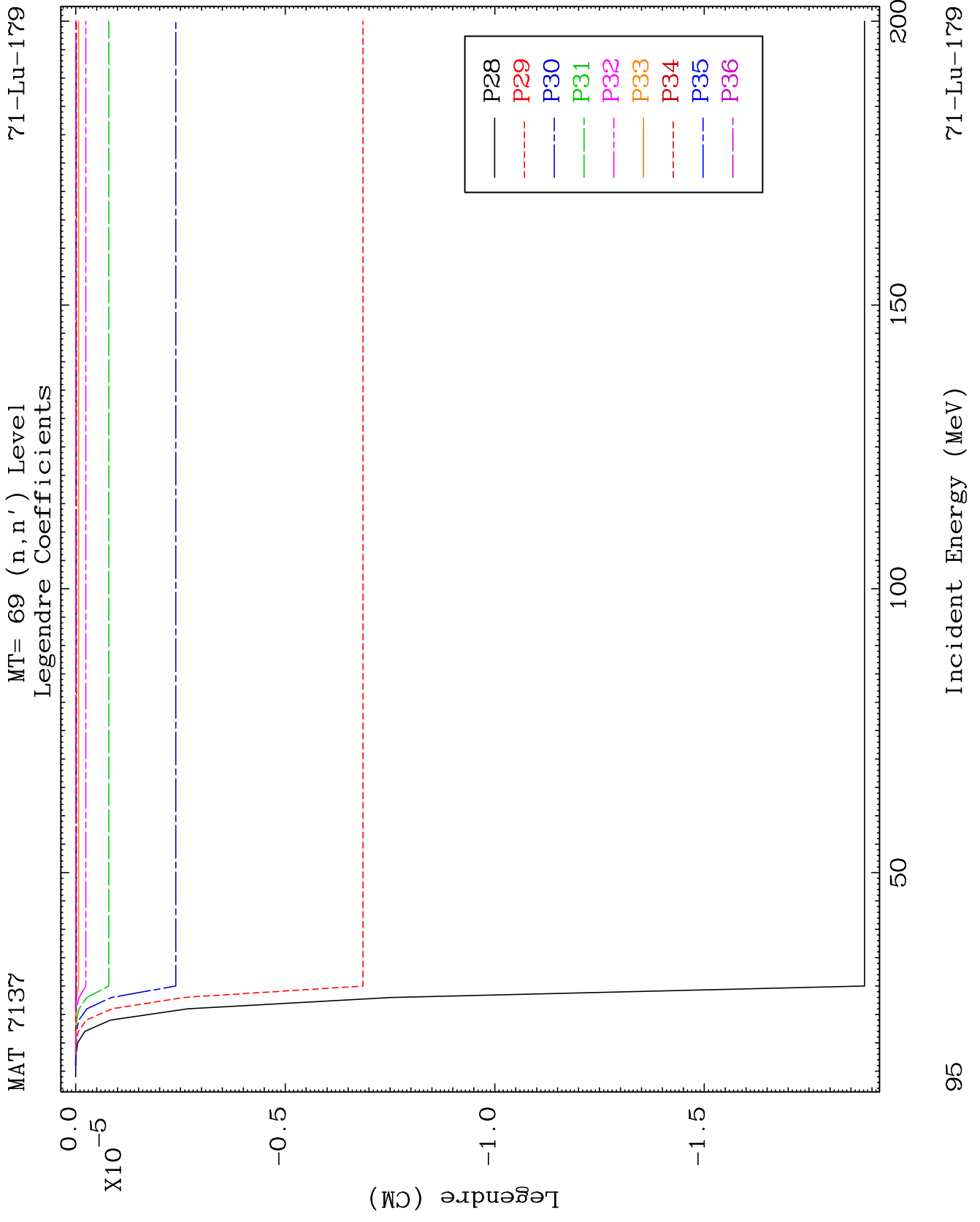
71-Lu-179



94

Incident Energy (MeV)

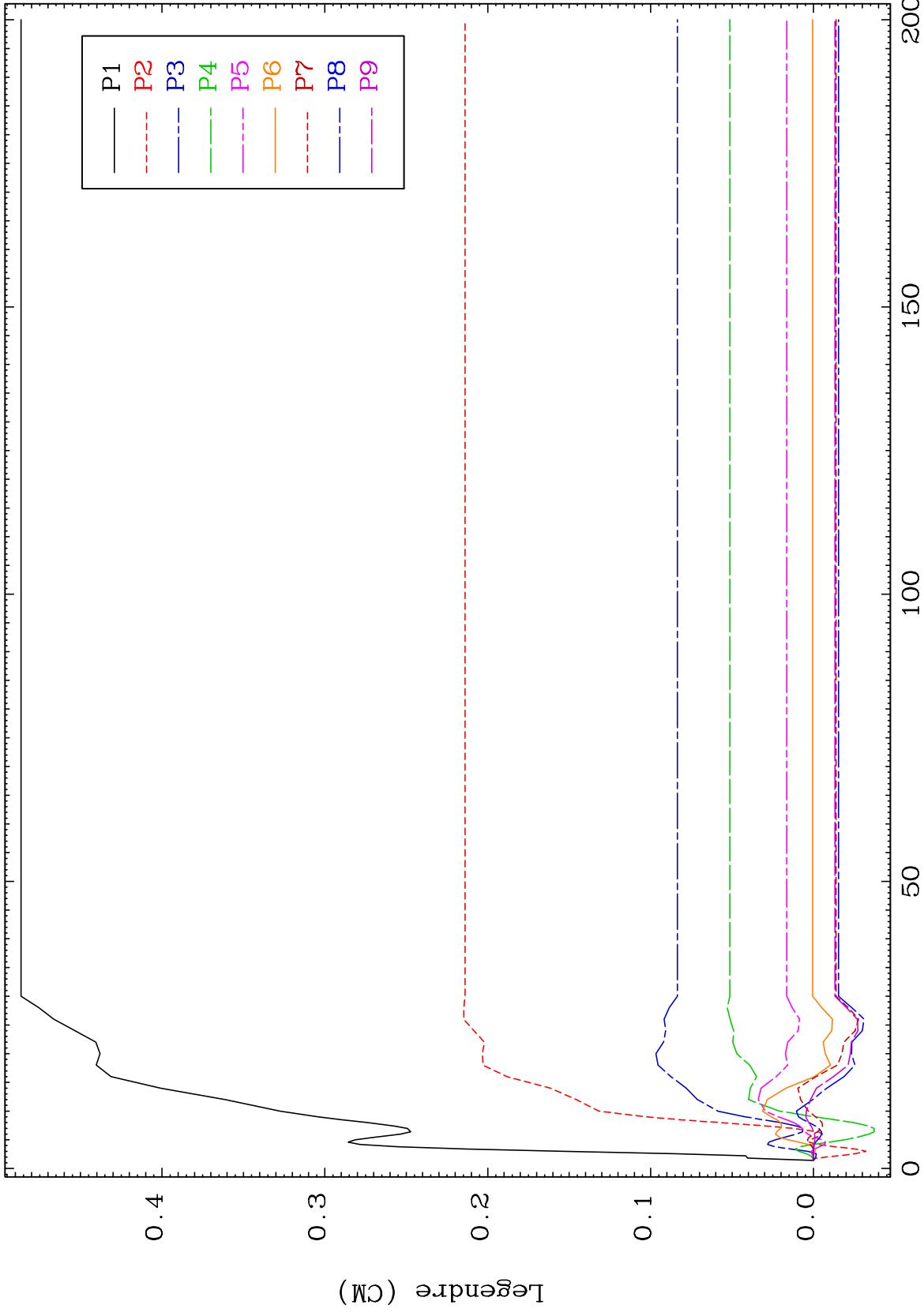
71-Lu-179



MAT 7137

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

71-Lu-179



96

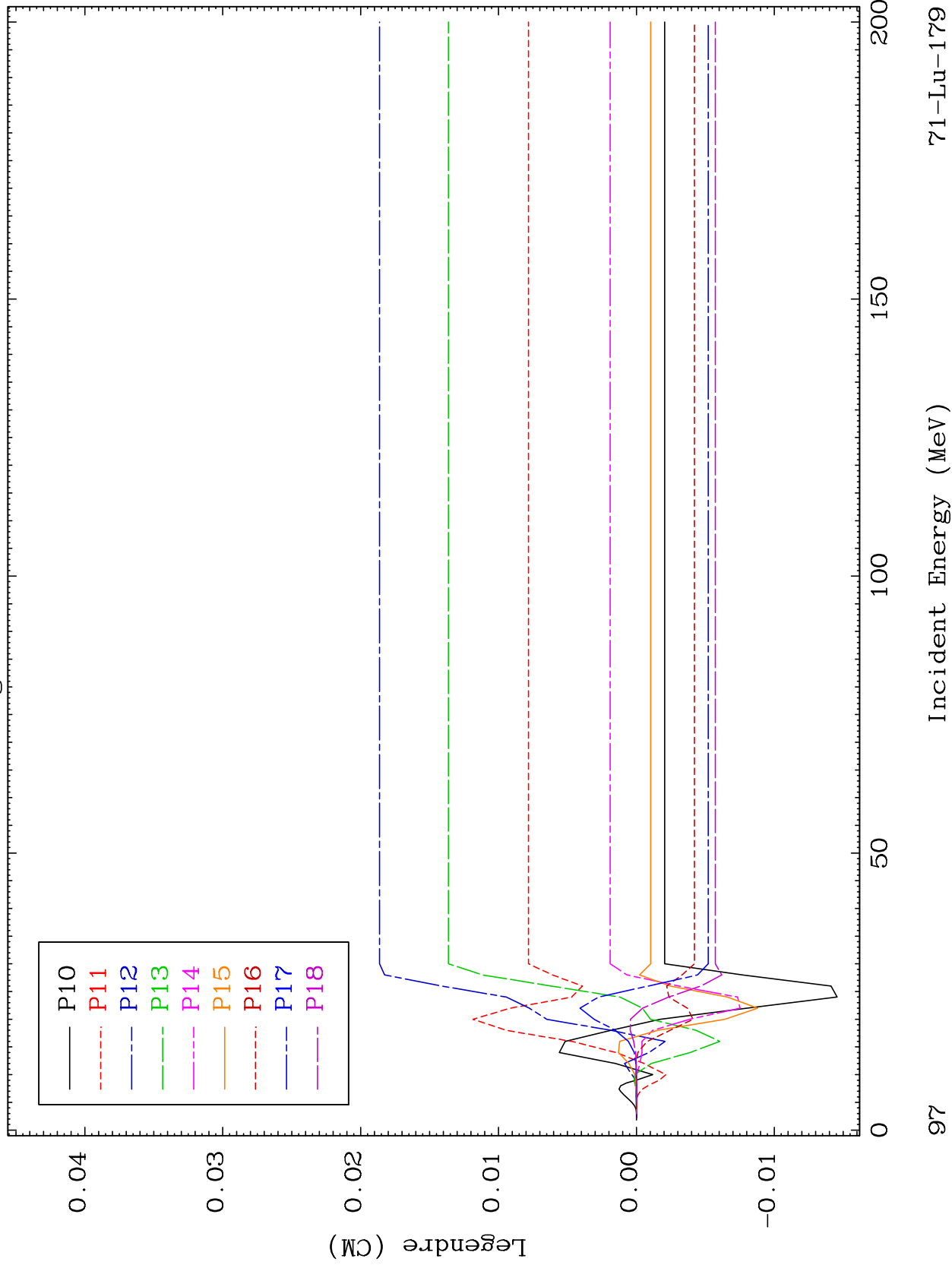
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

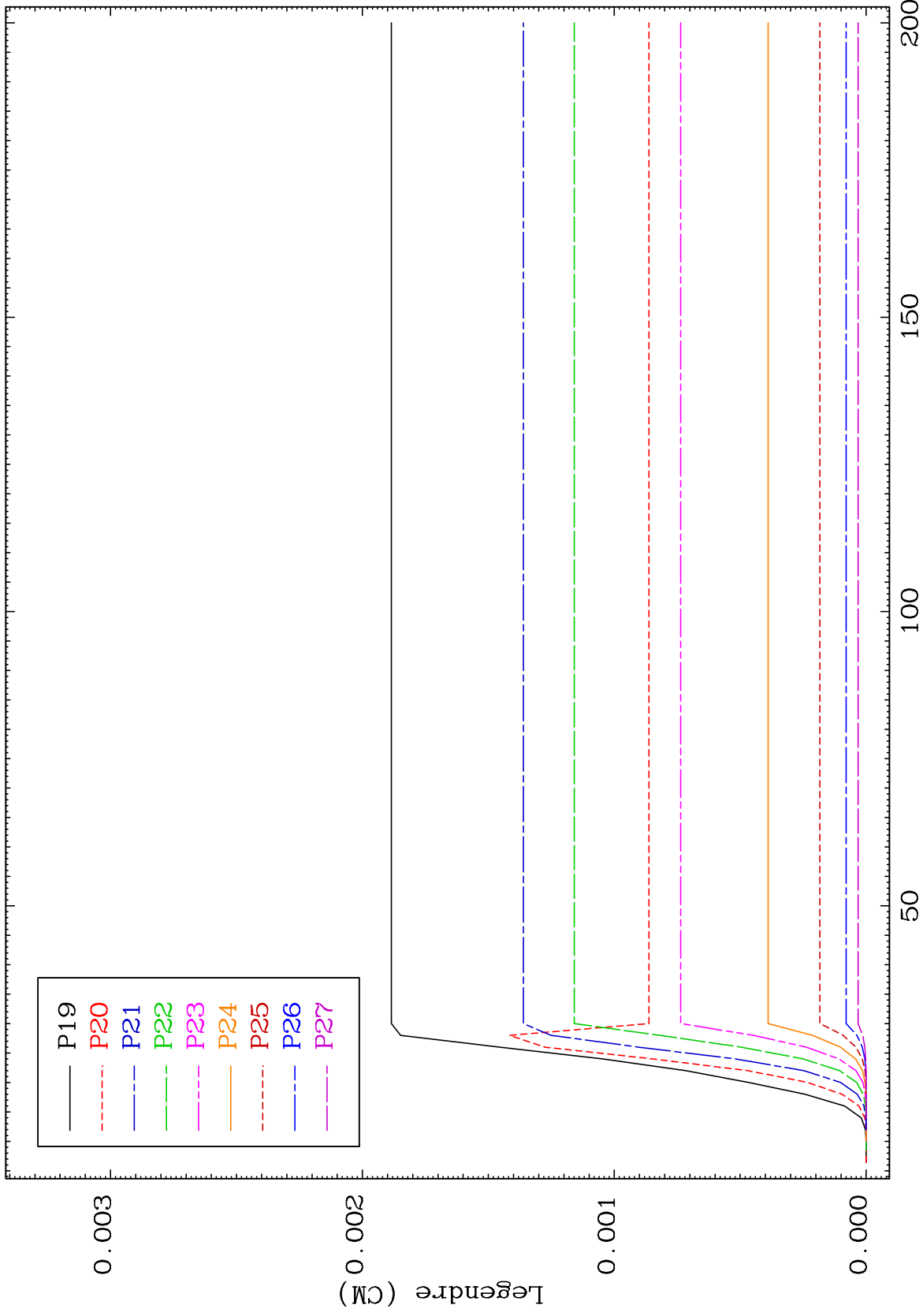
71-Lu-179



97

Incident Energy (MeV)

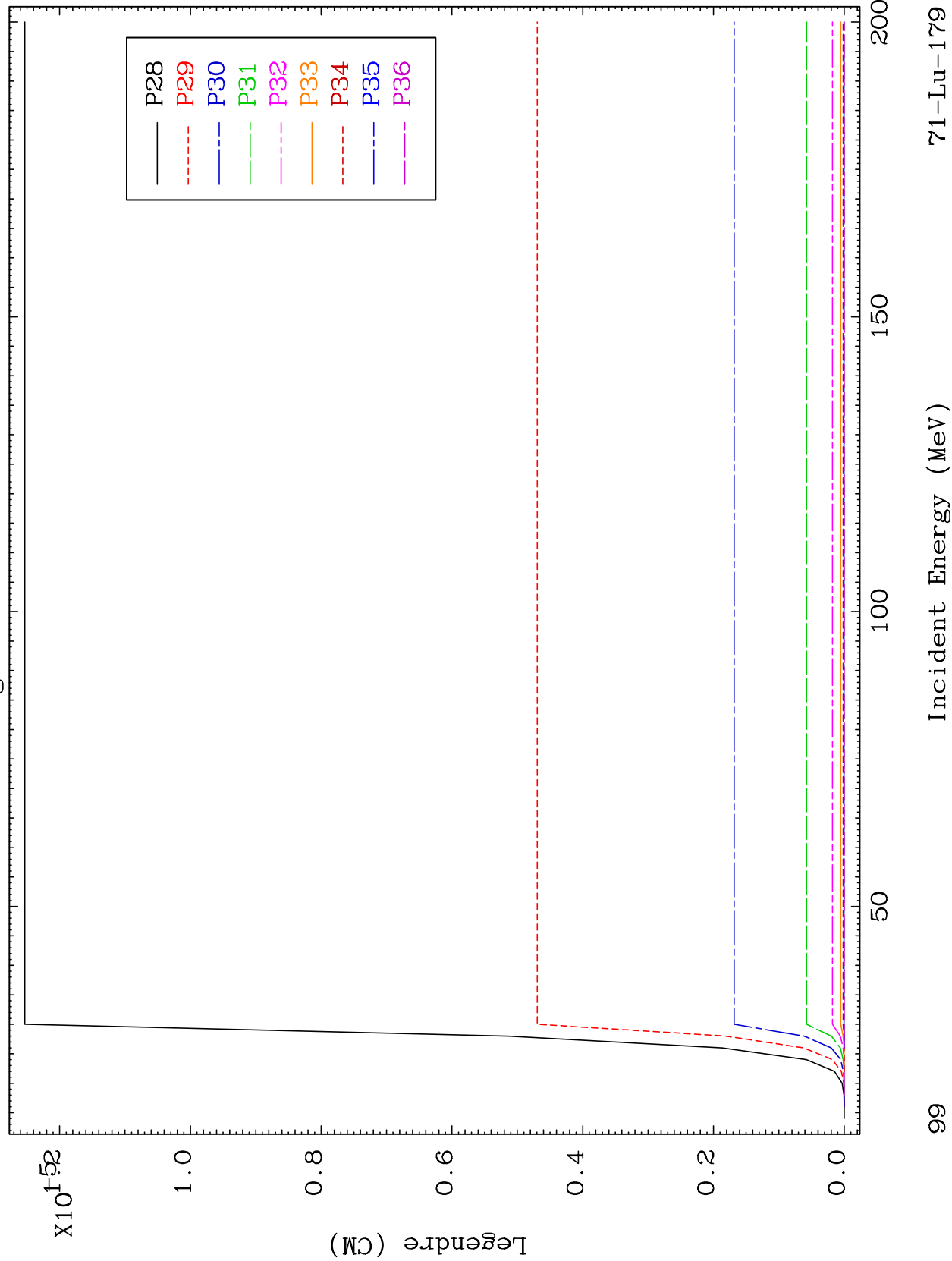
71-Lu-179



MAT 7137

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

71-Lu-179

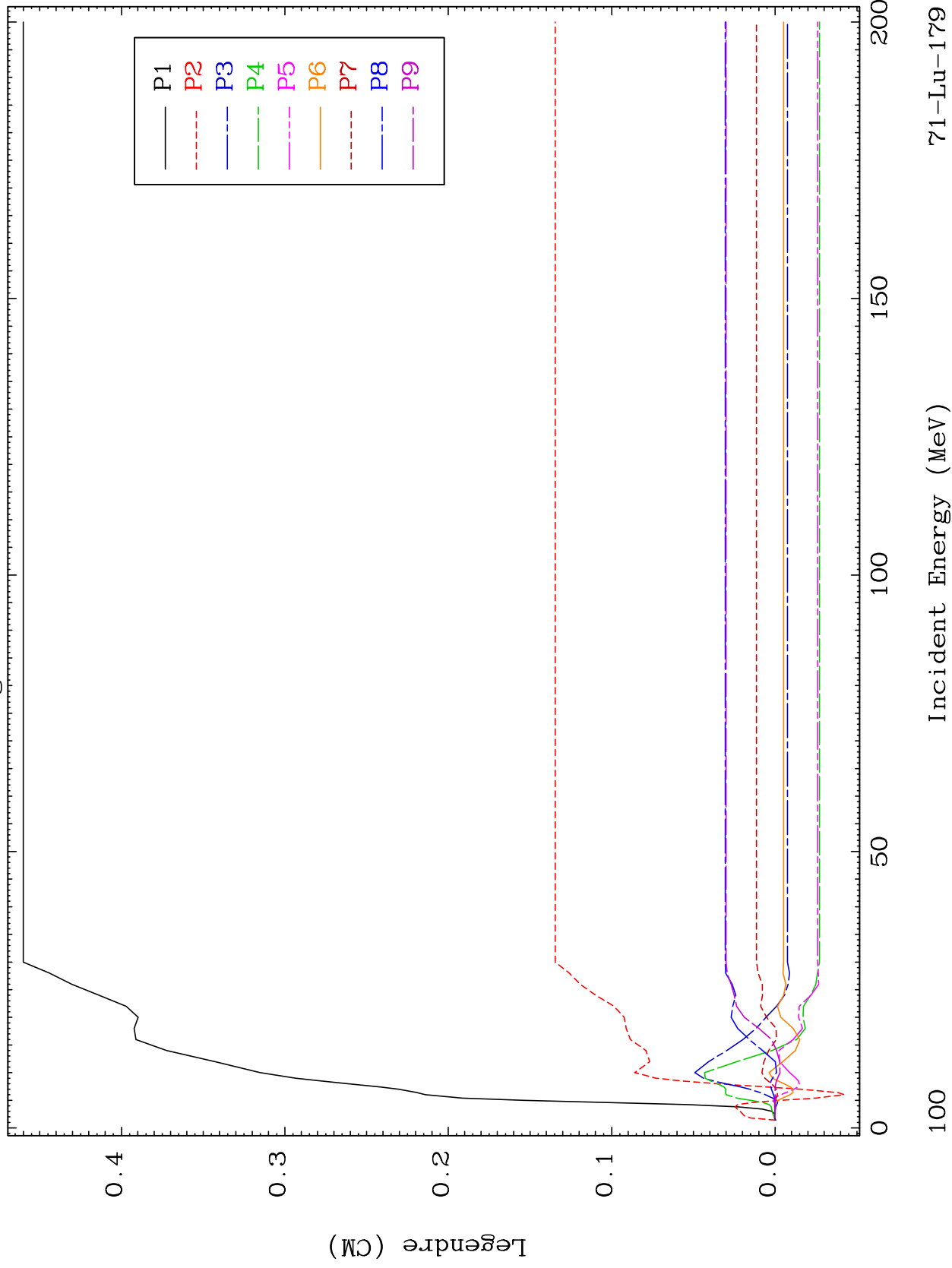


99

MAT 7137

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

71-Lu-179

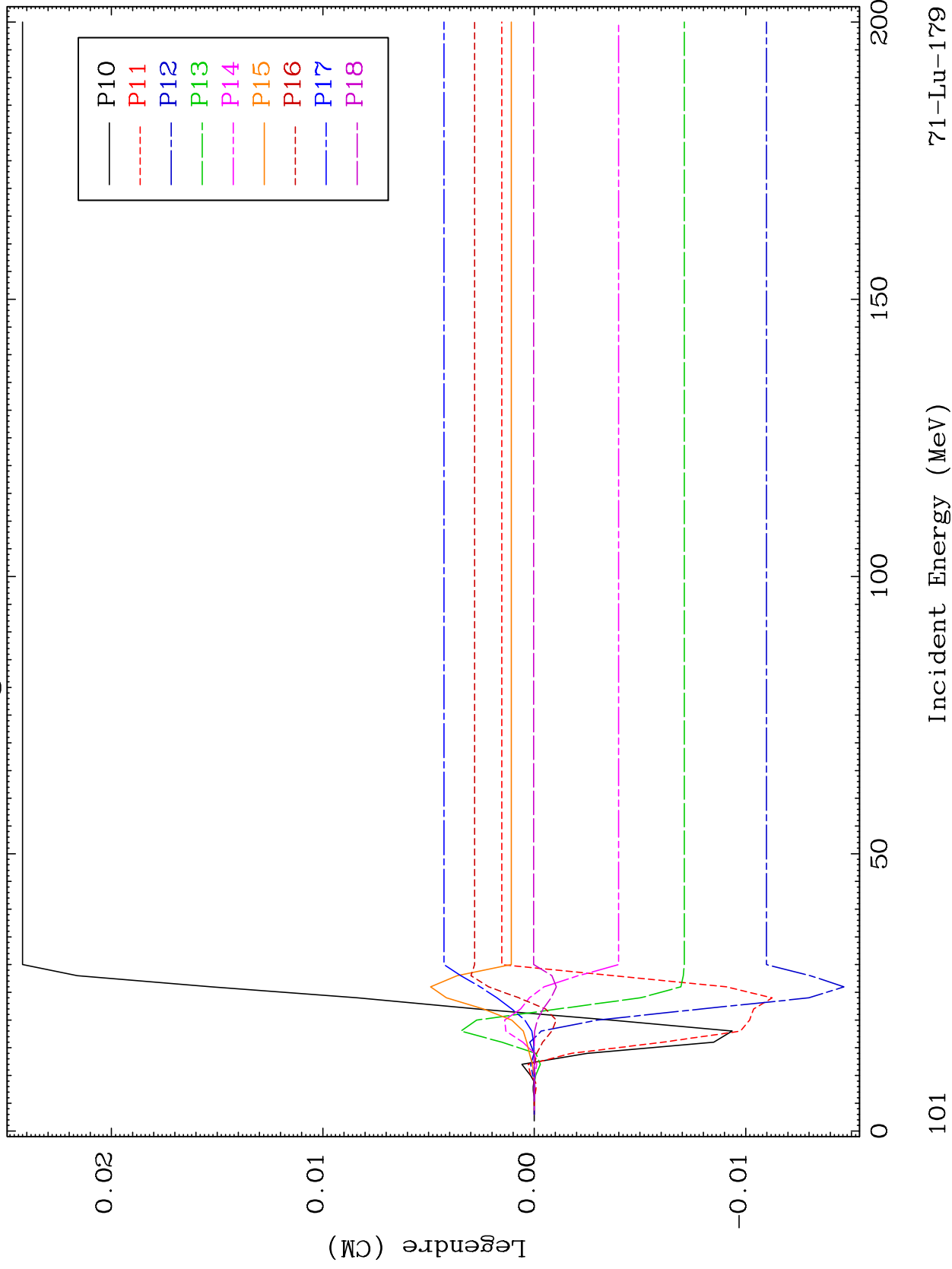


71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

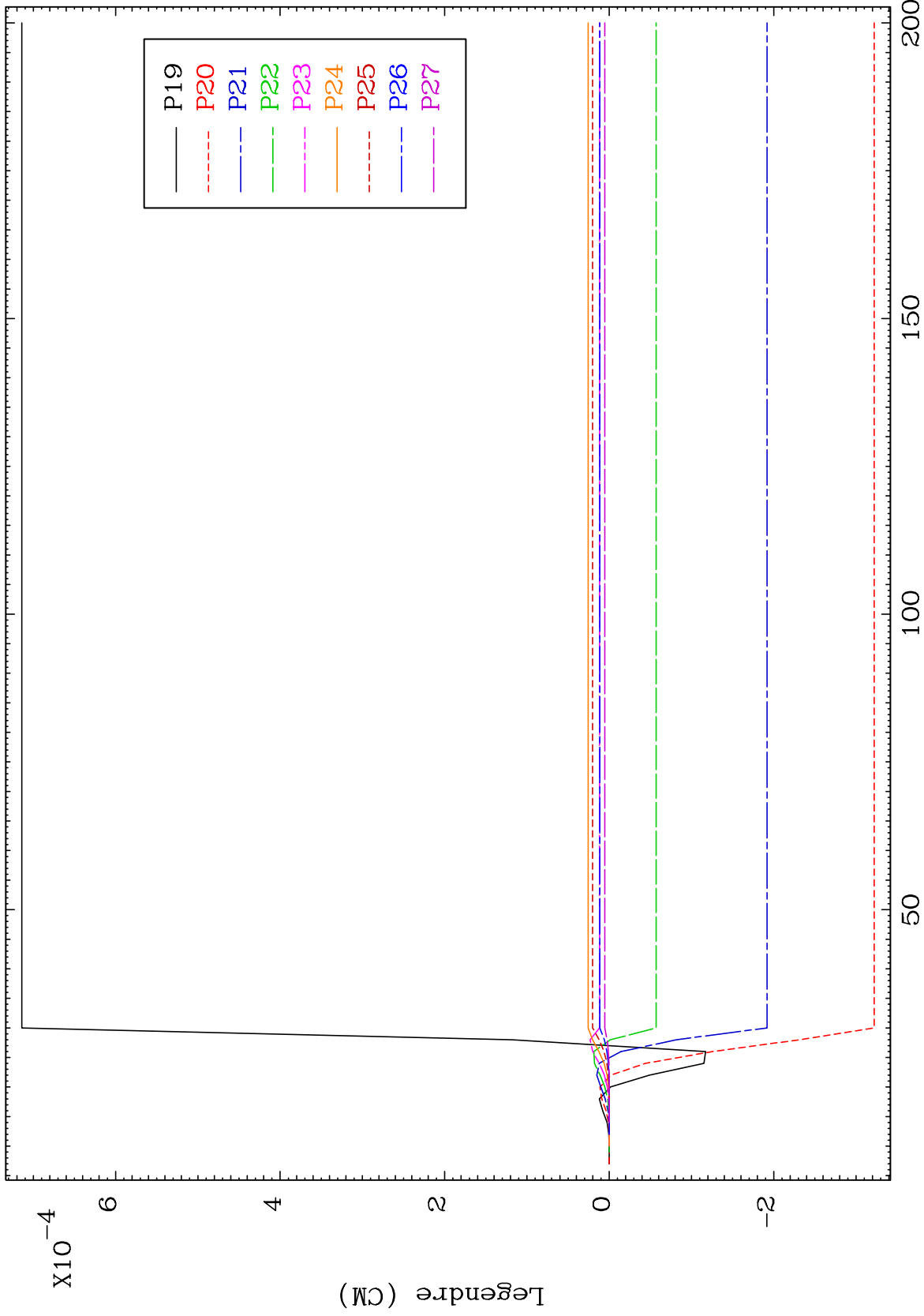
Incident Energy (MeV)

101

MAT 7137

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

71-Lu-179



102

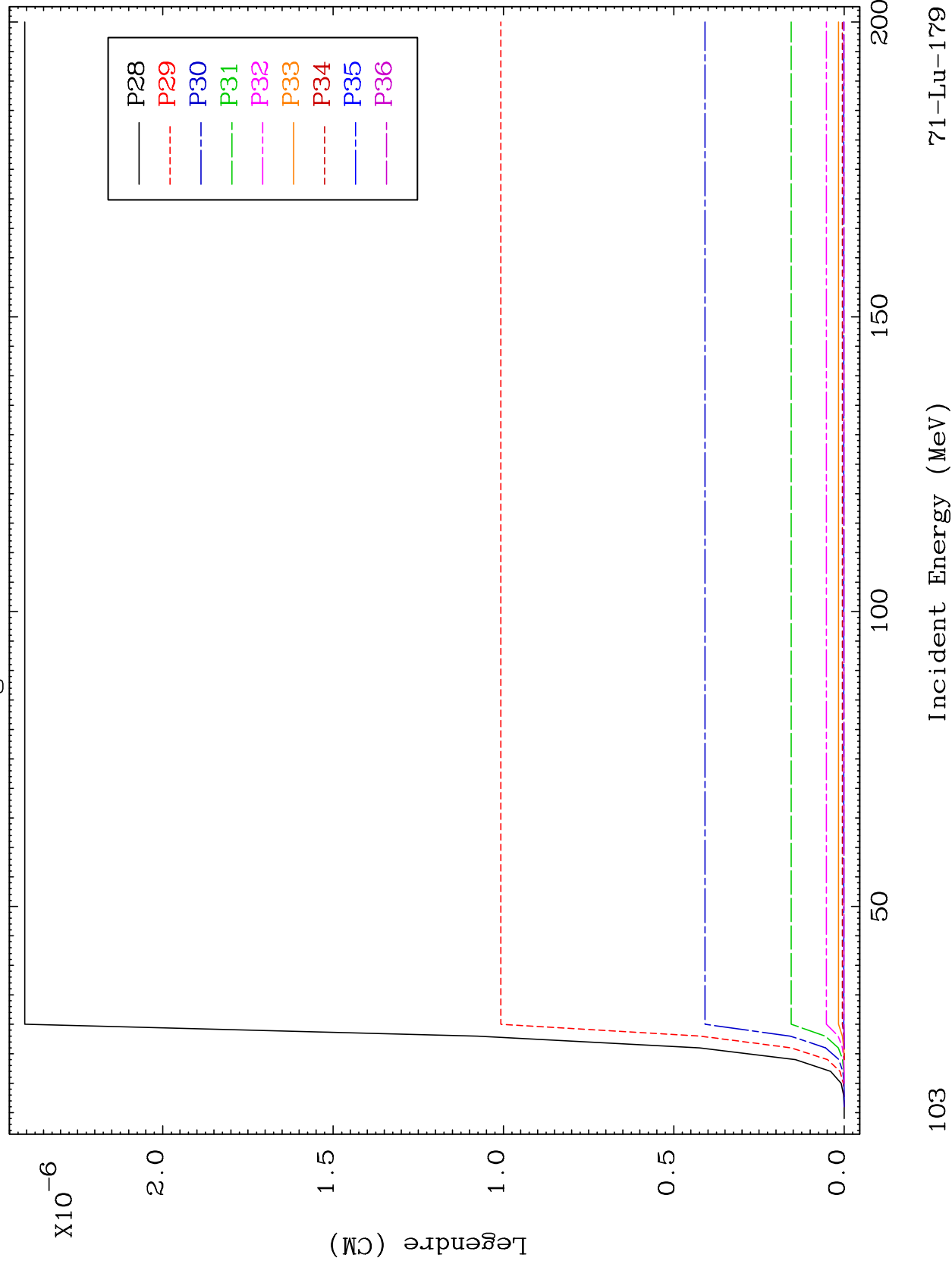
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



103

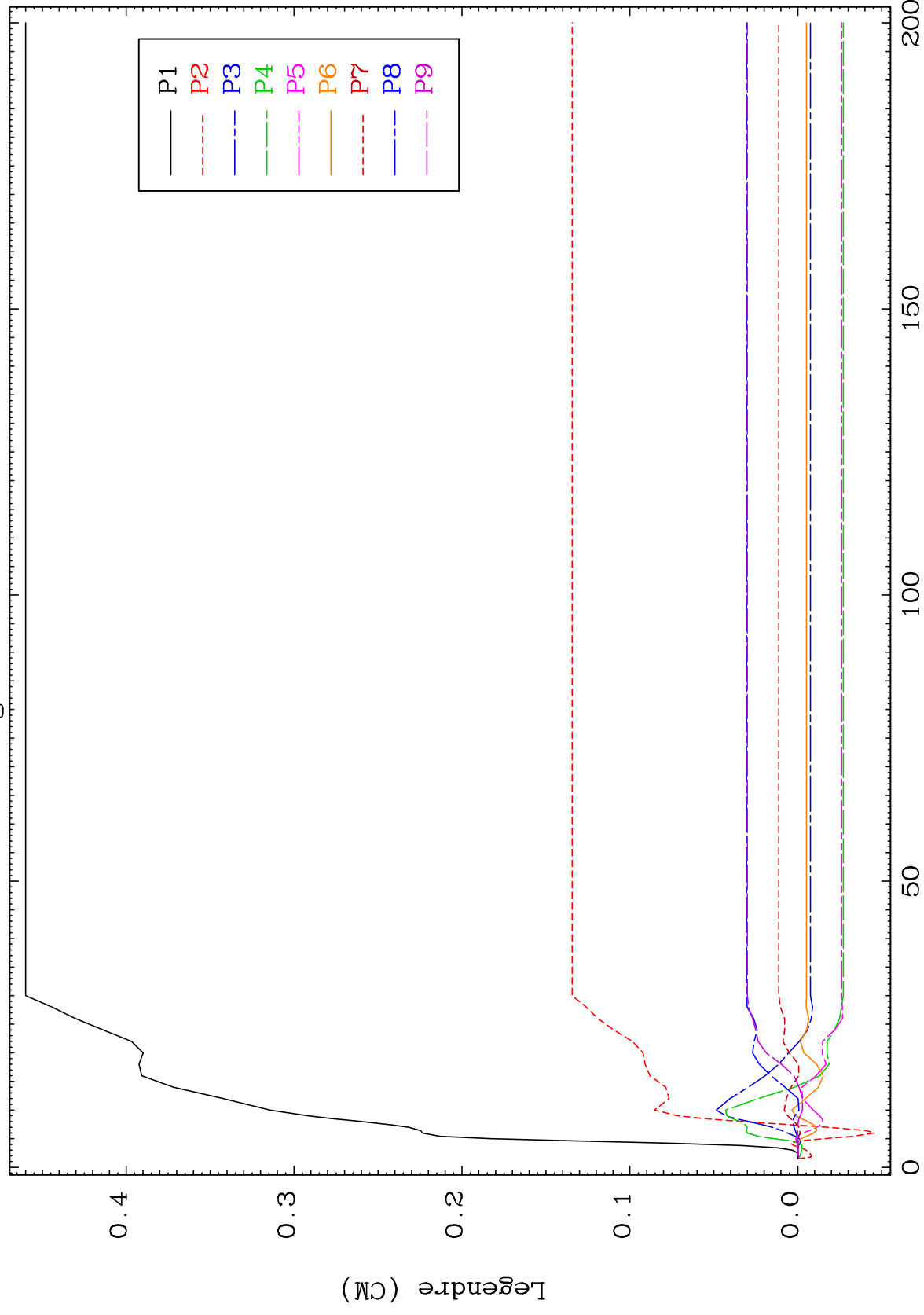
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

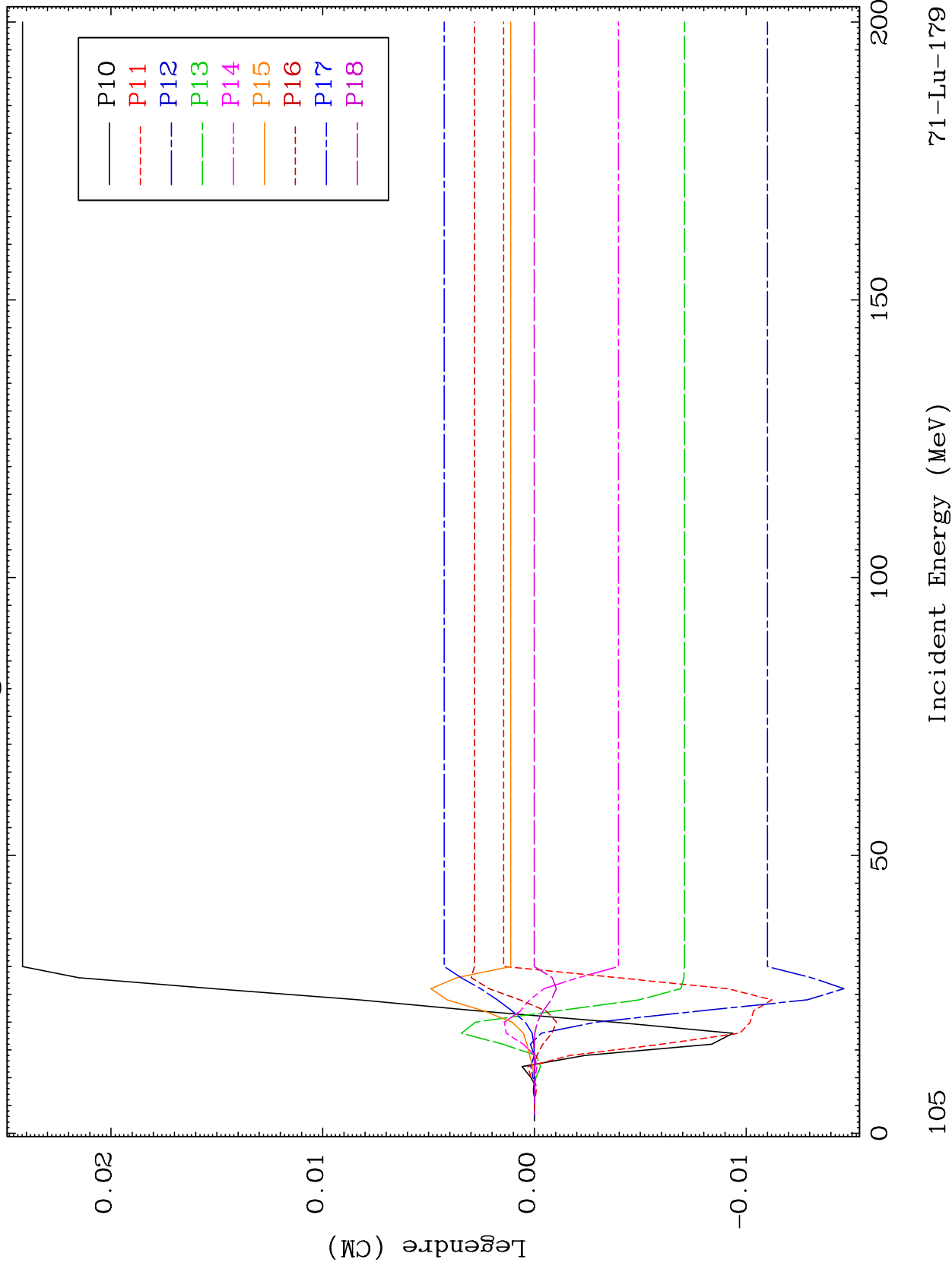
Incident Energy (MeV)

104

MAT 7137

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

71-Lu-179



71-Lu-179

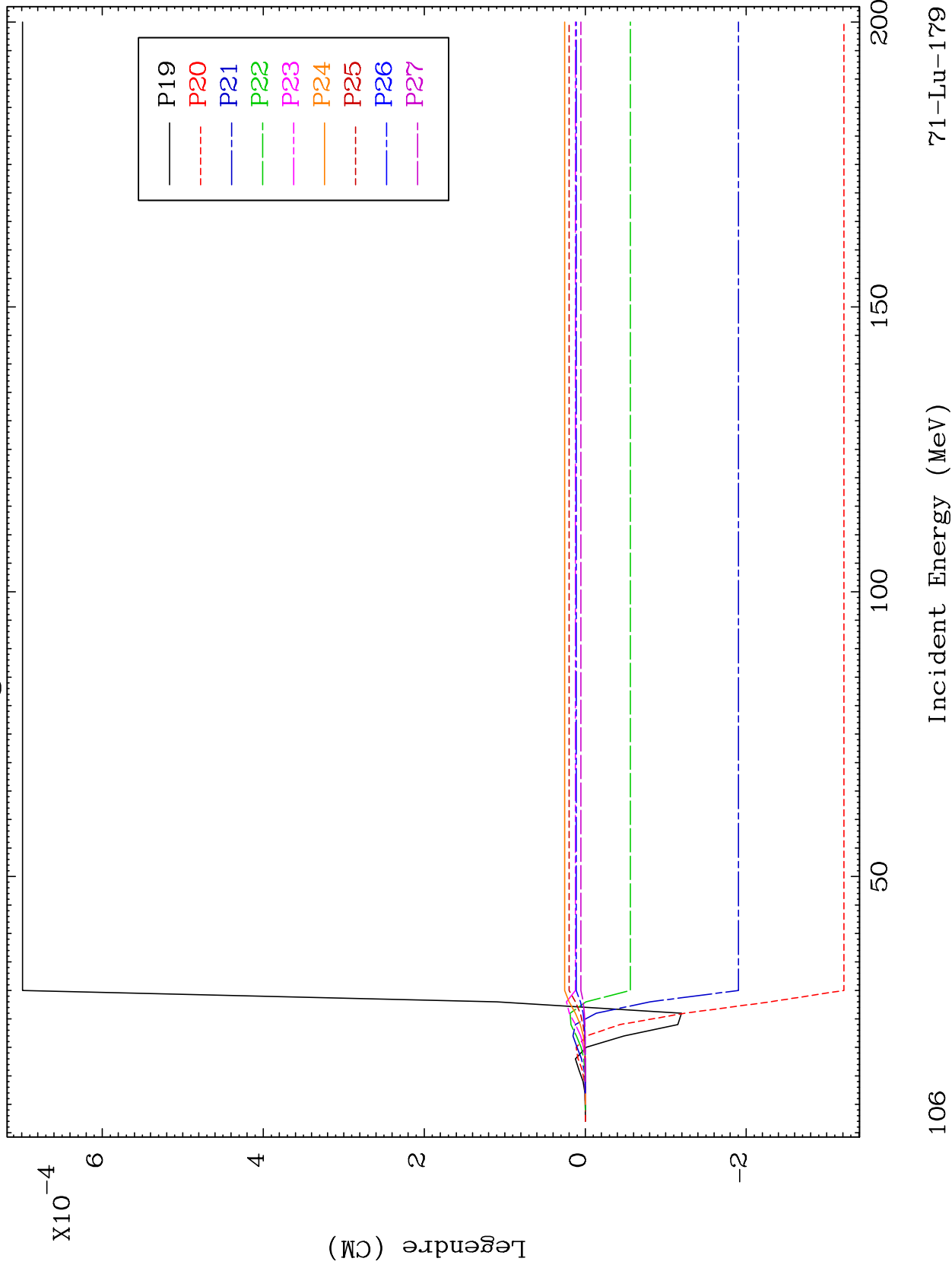
Incident Energy (MeV)

105

MAT 7137

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

71-Lu-179



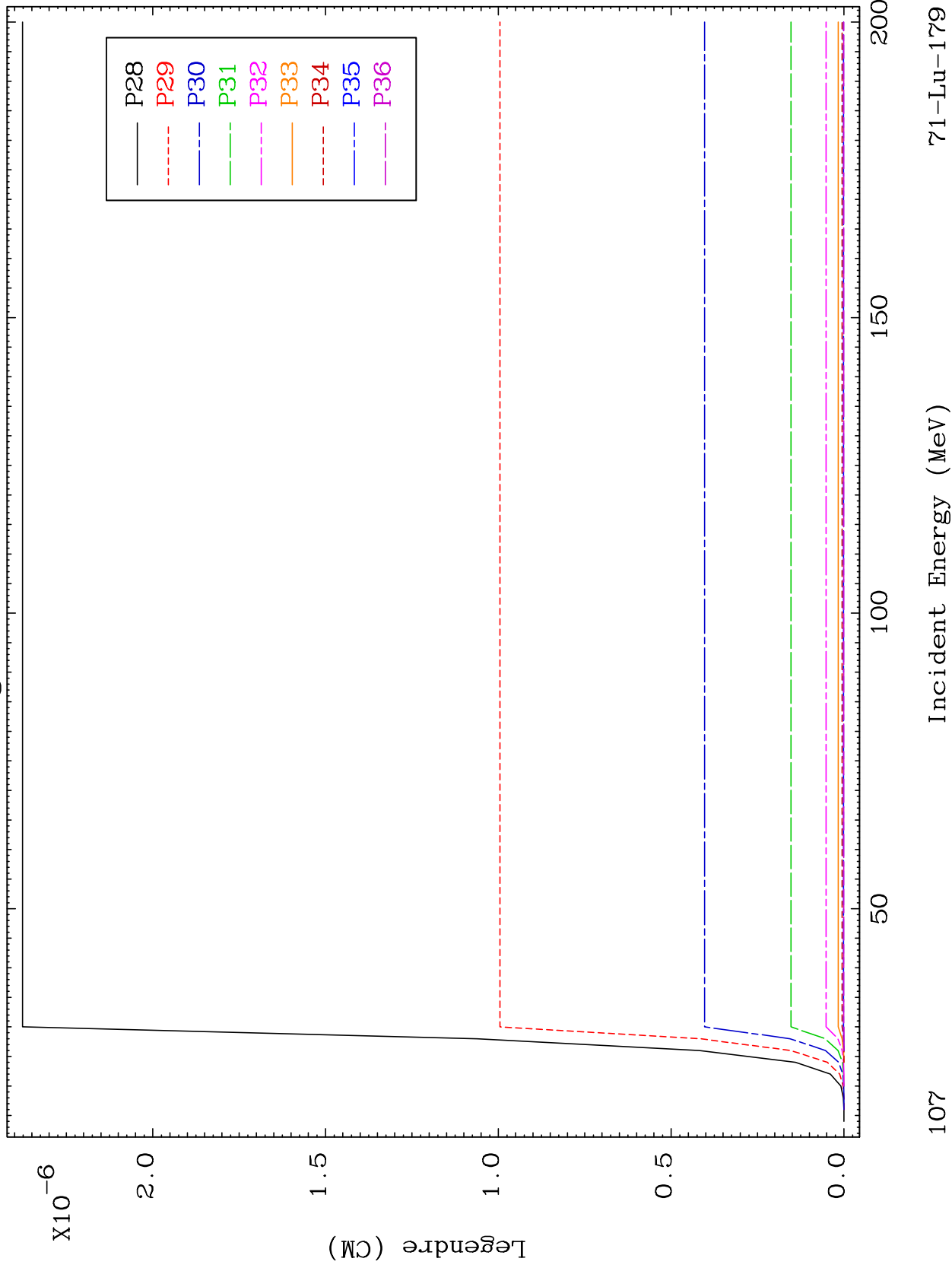
106

71-Lu-179

MAT 7137

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

71-Lu-179



107

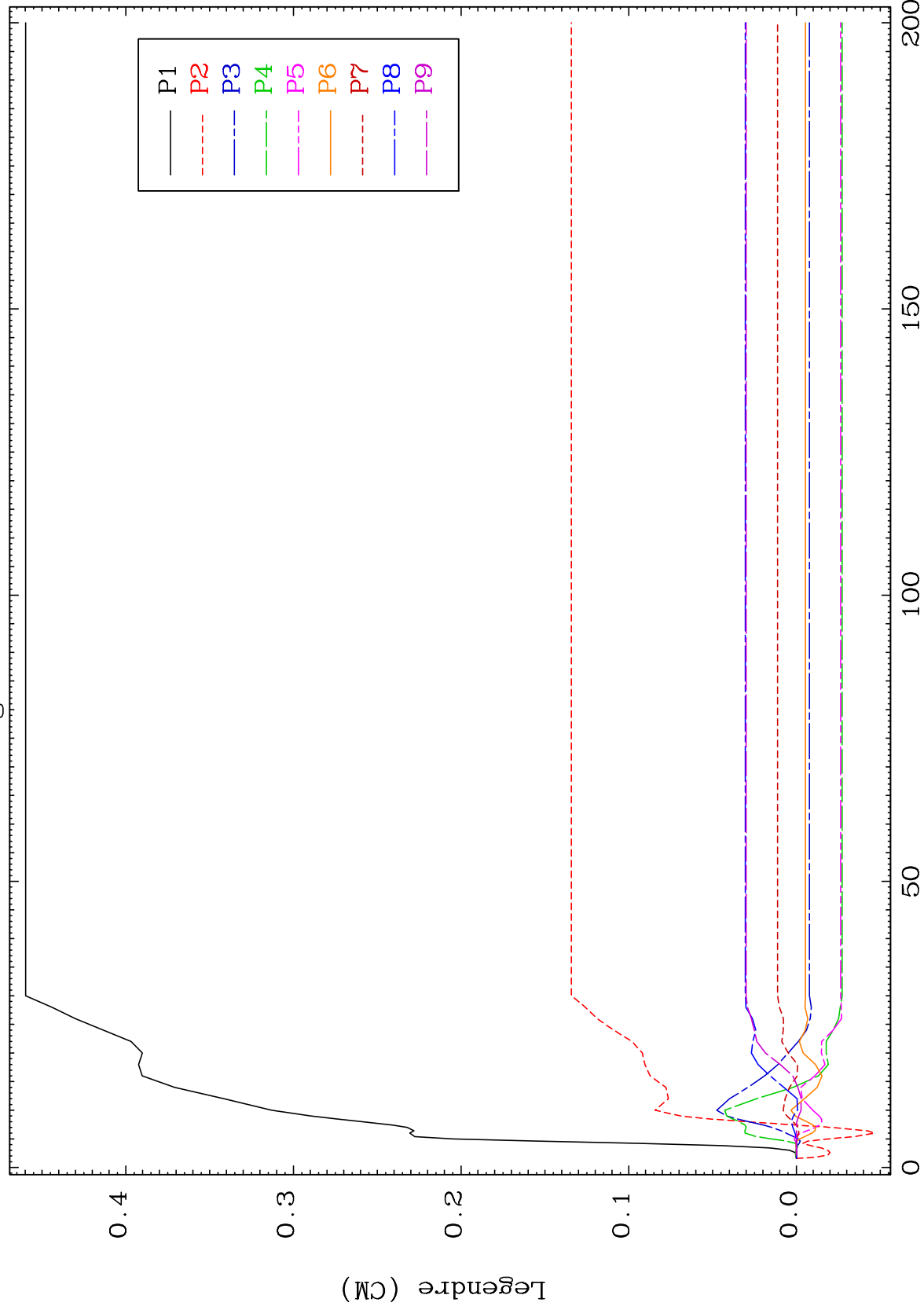
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

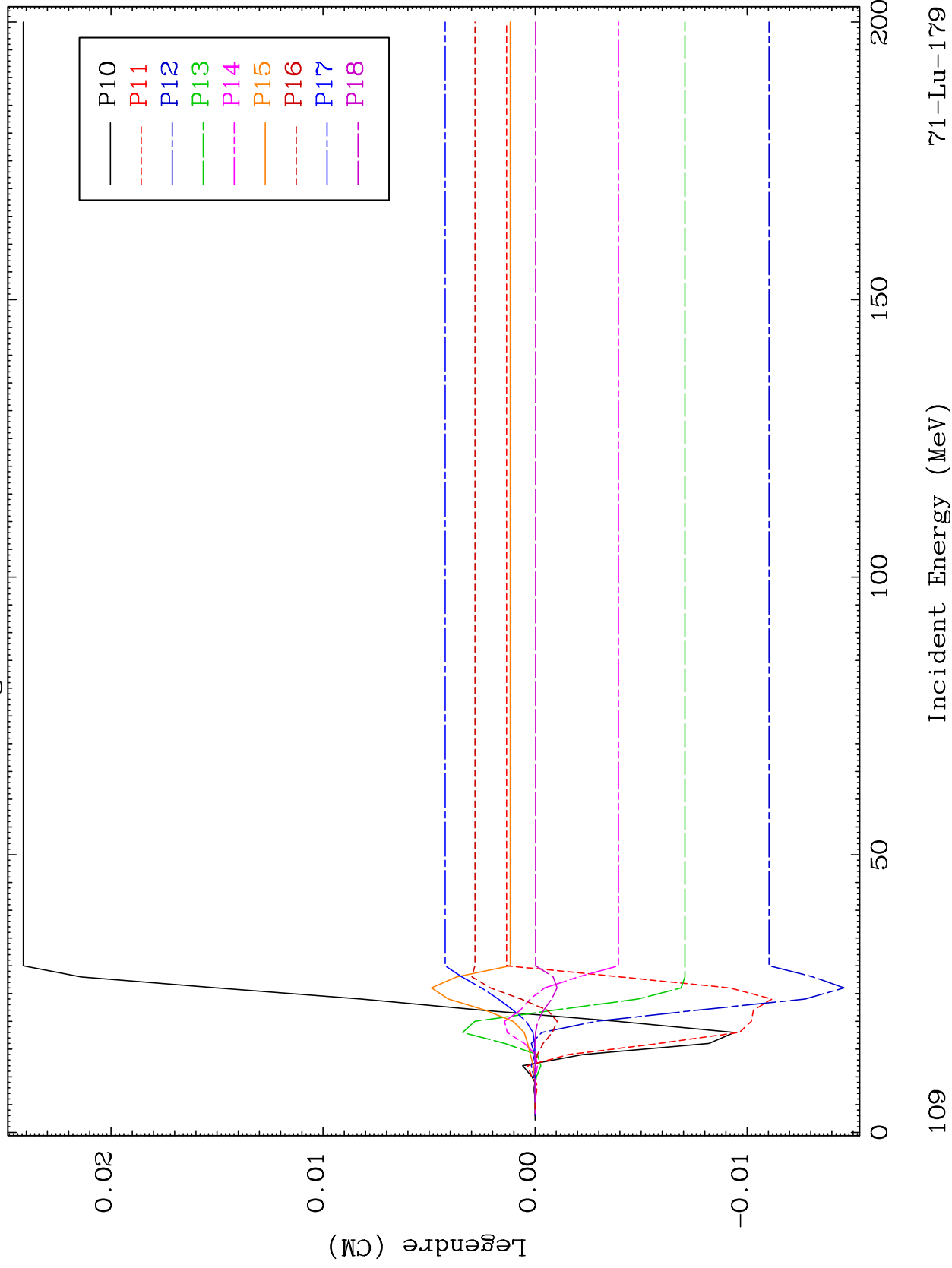
Incident Energy (MeV)

108

MAT 7137

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

71-Lu-179



109

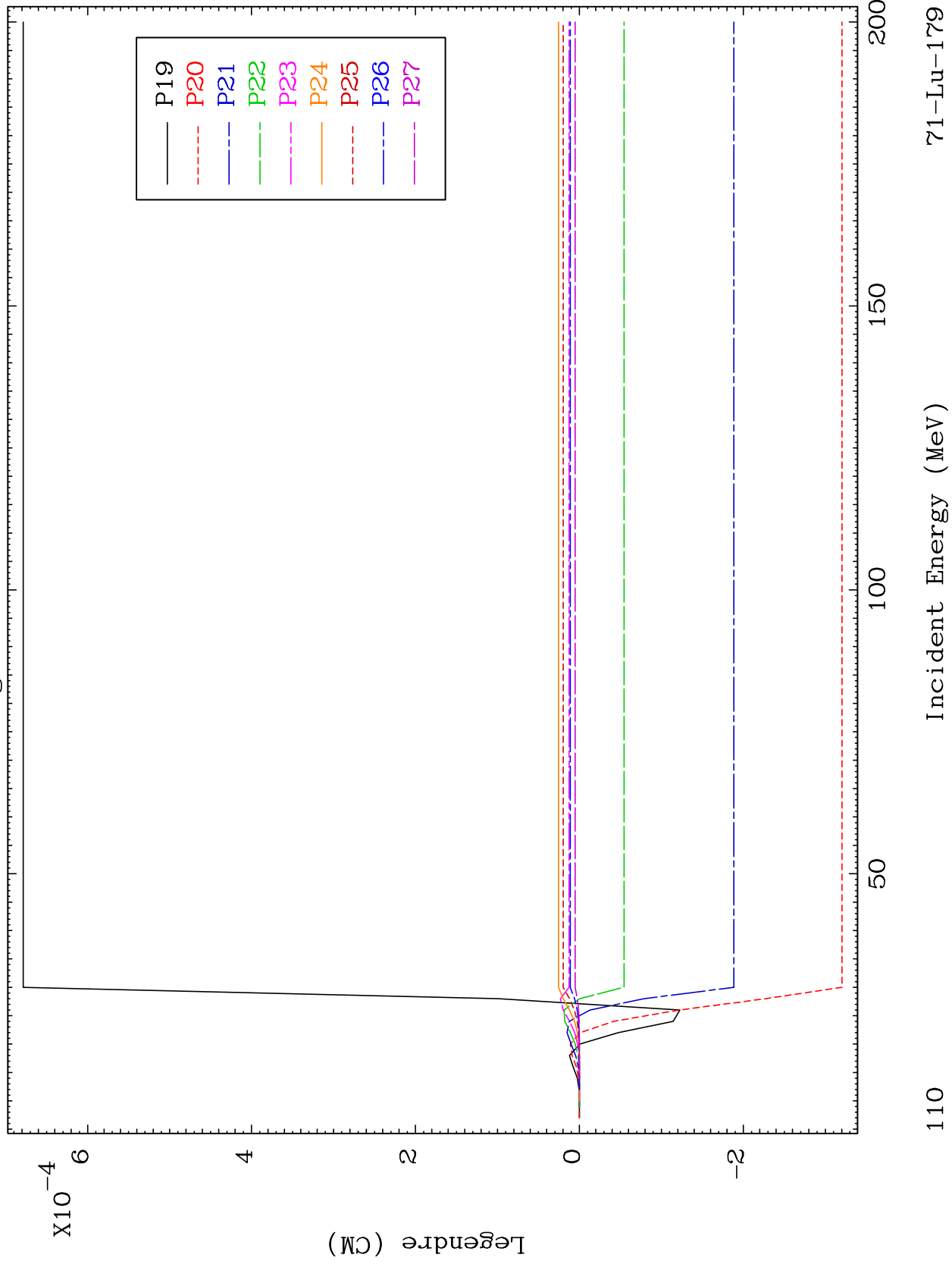
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



110

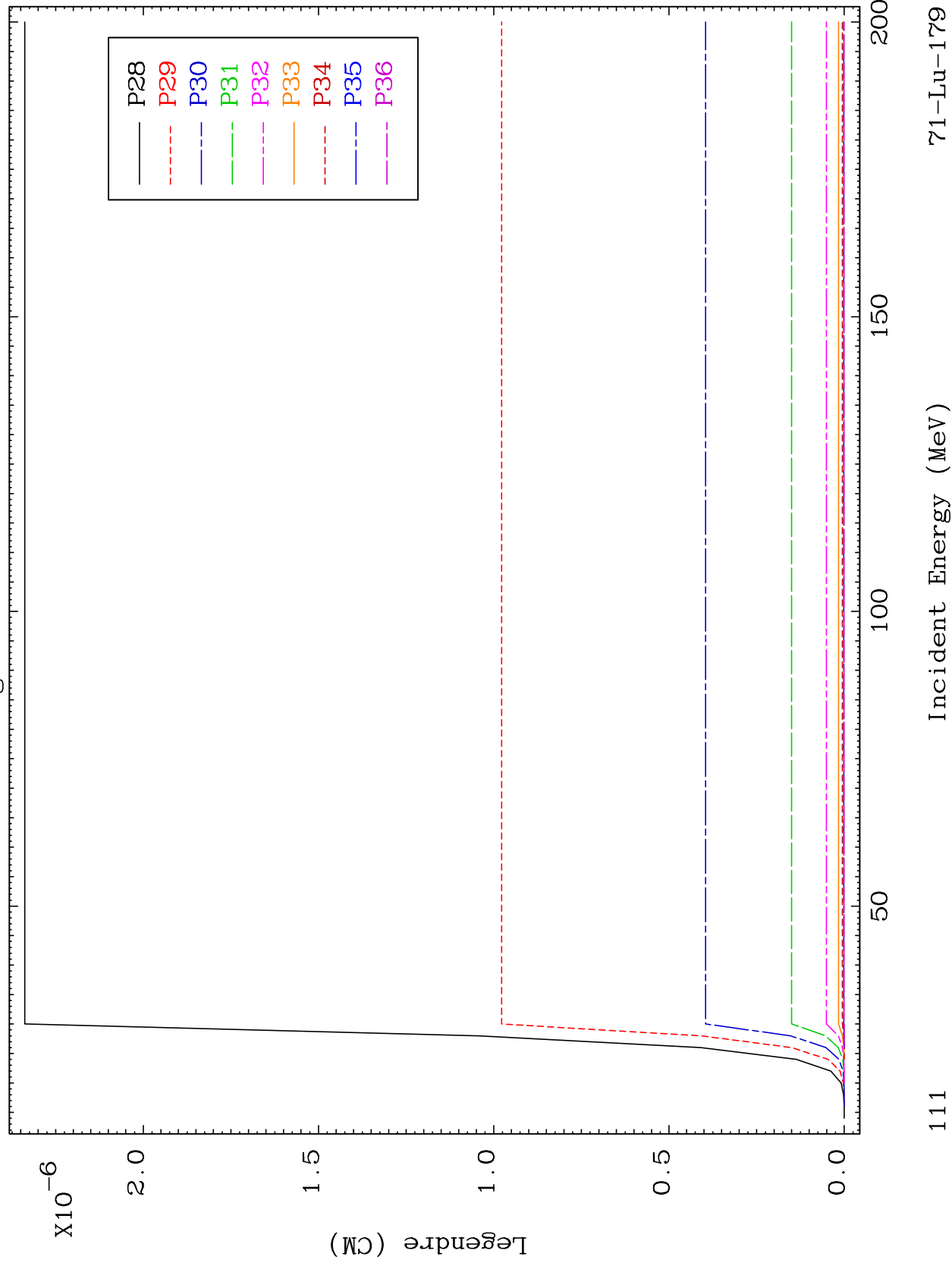
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179

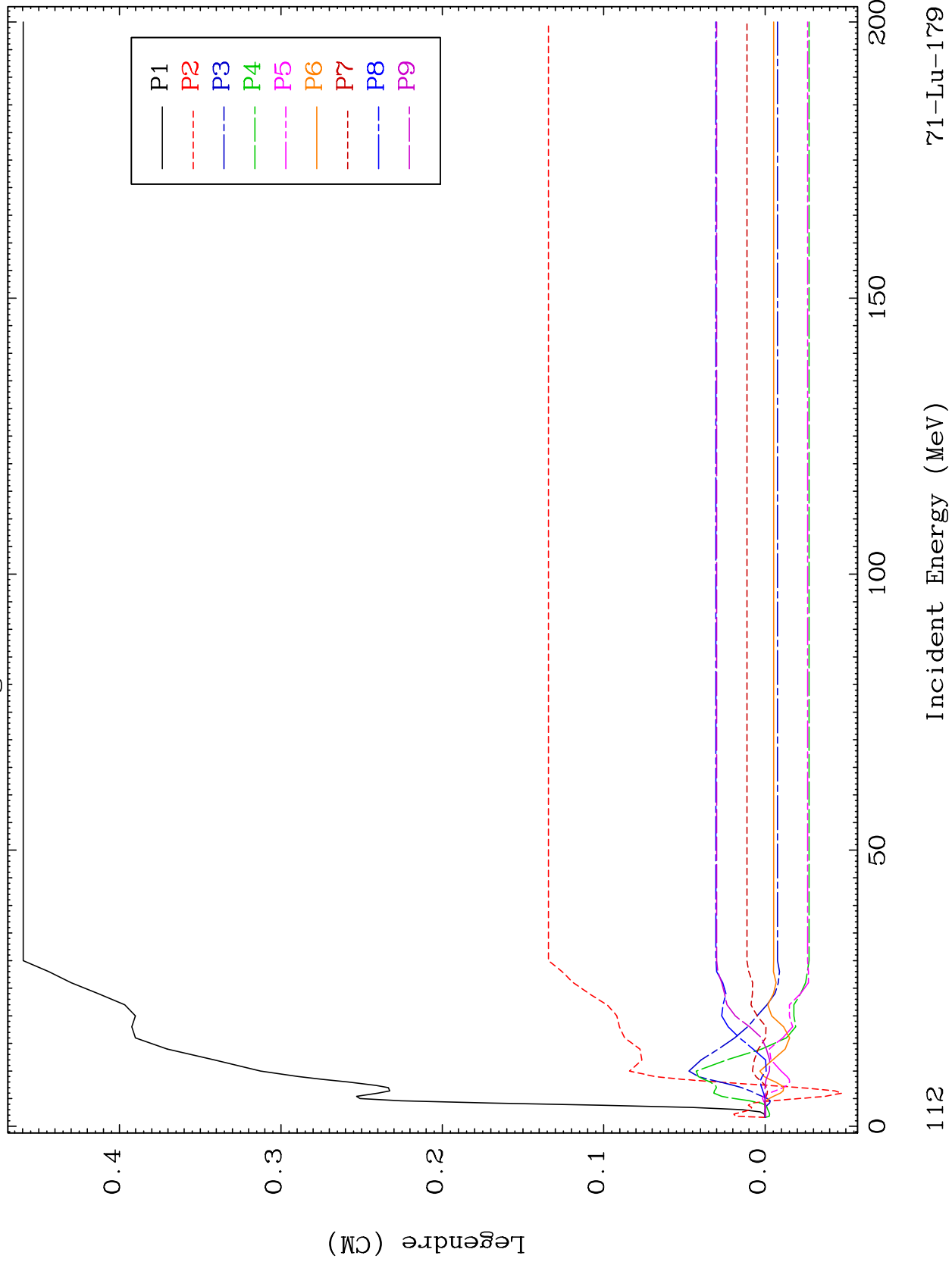


111

MAT 7137

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

71-Lu-179



71-Lu-179

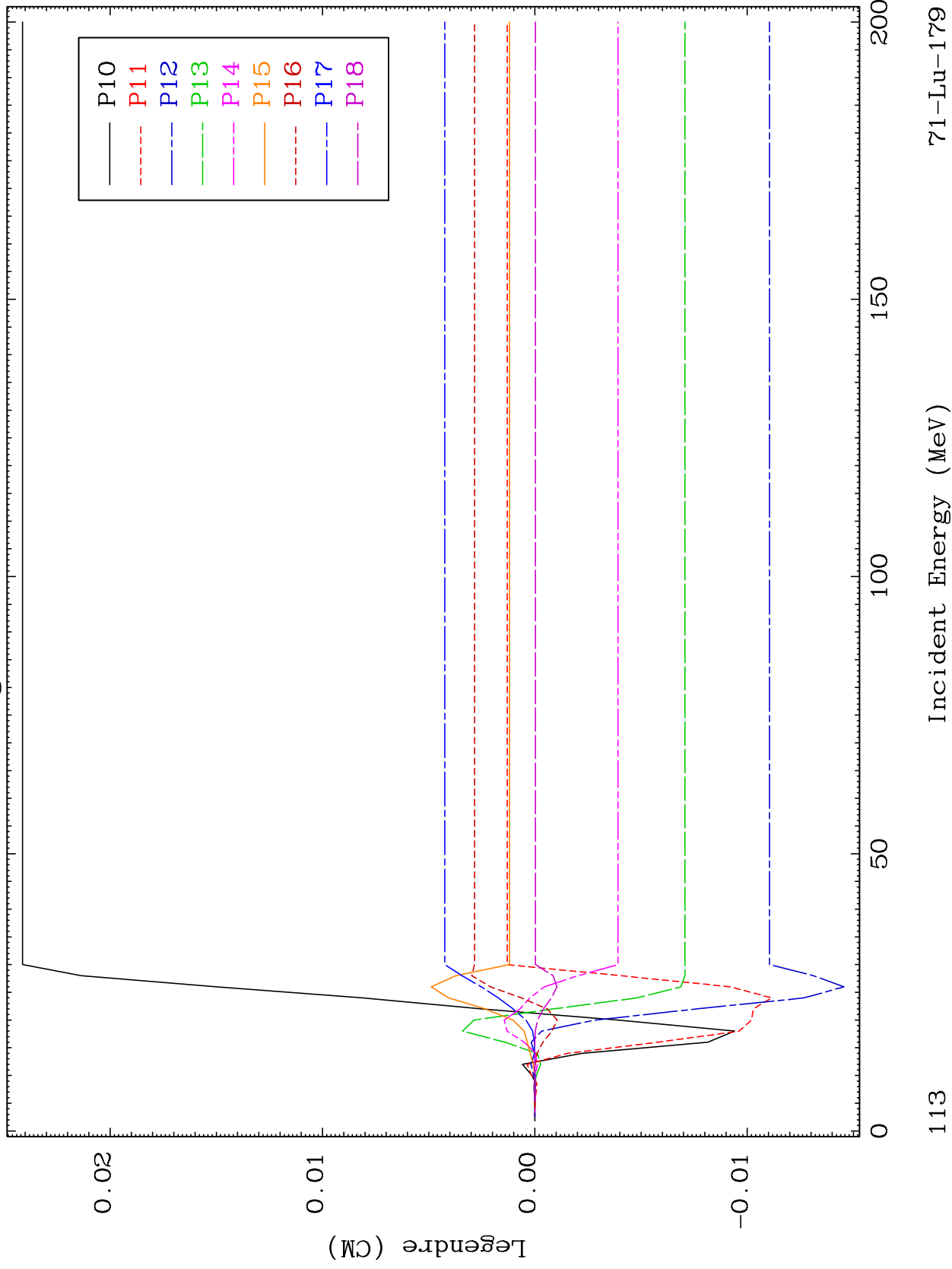
Incident Energy (MeV)

112

MAT 7137

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

71-Lu-179



113

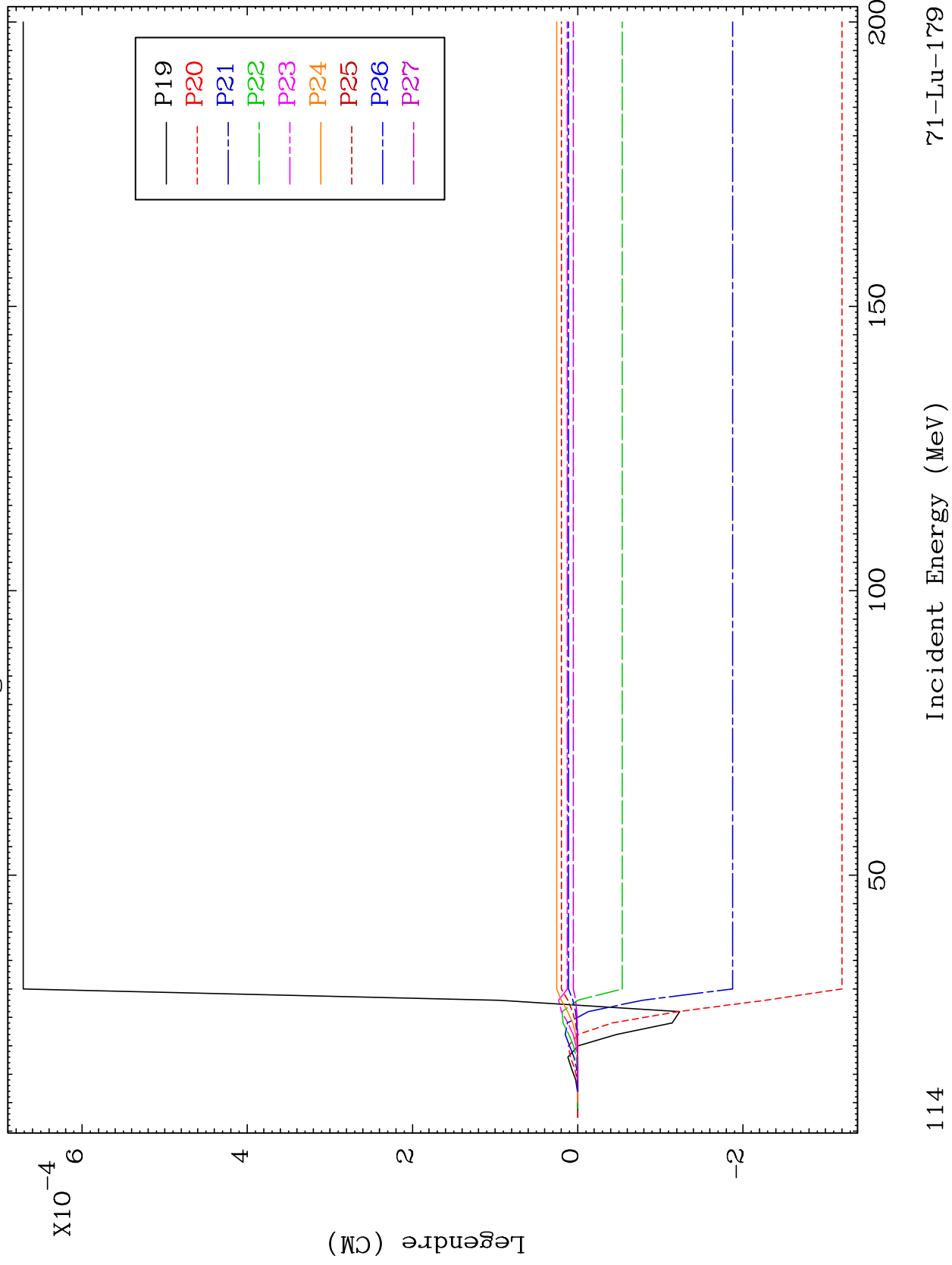
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179

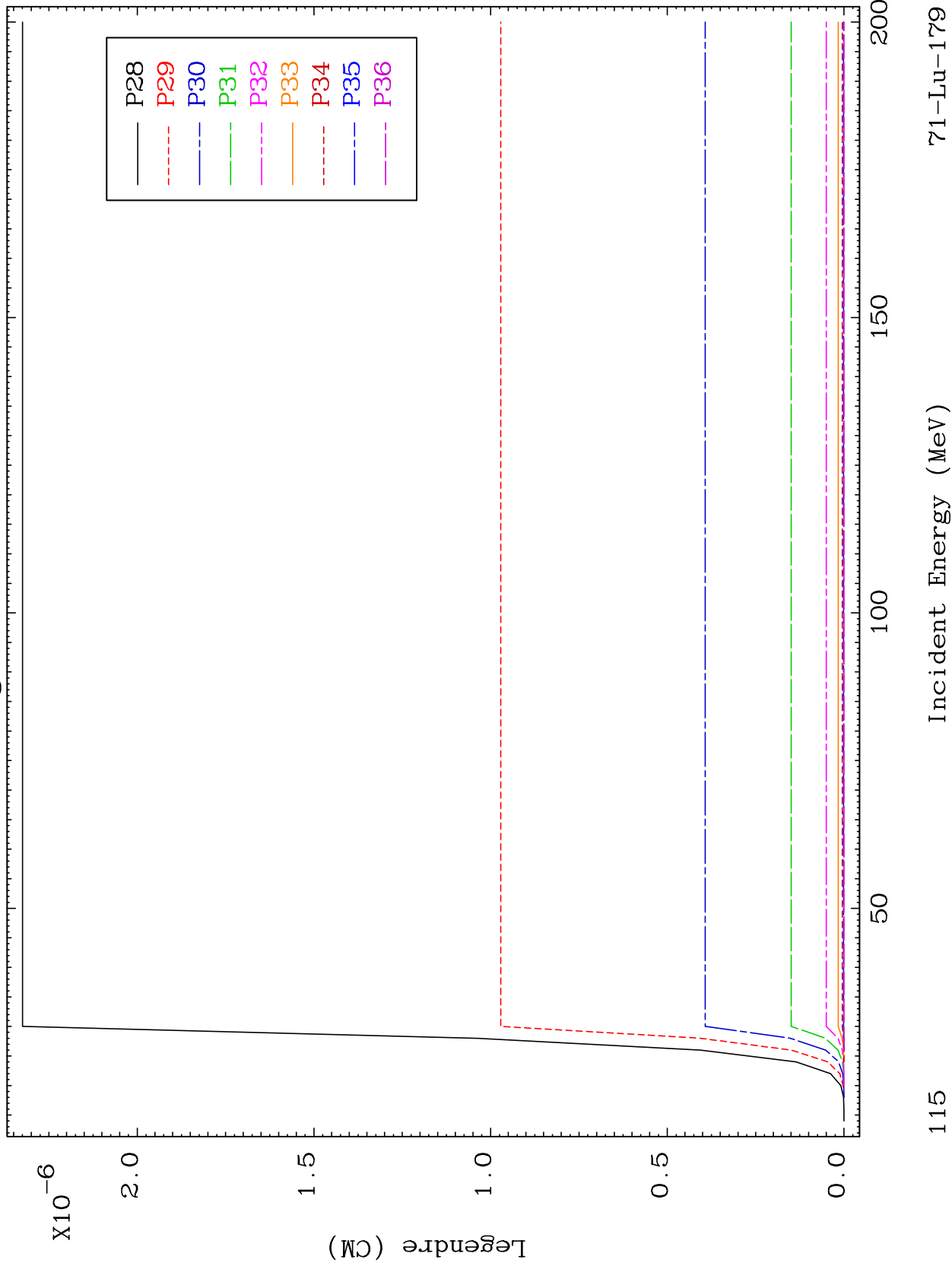


114

MAT 7137

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

71-Lu-179



115

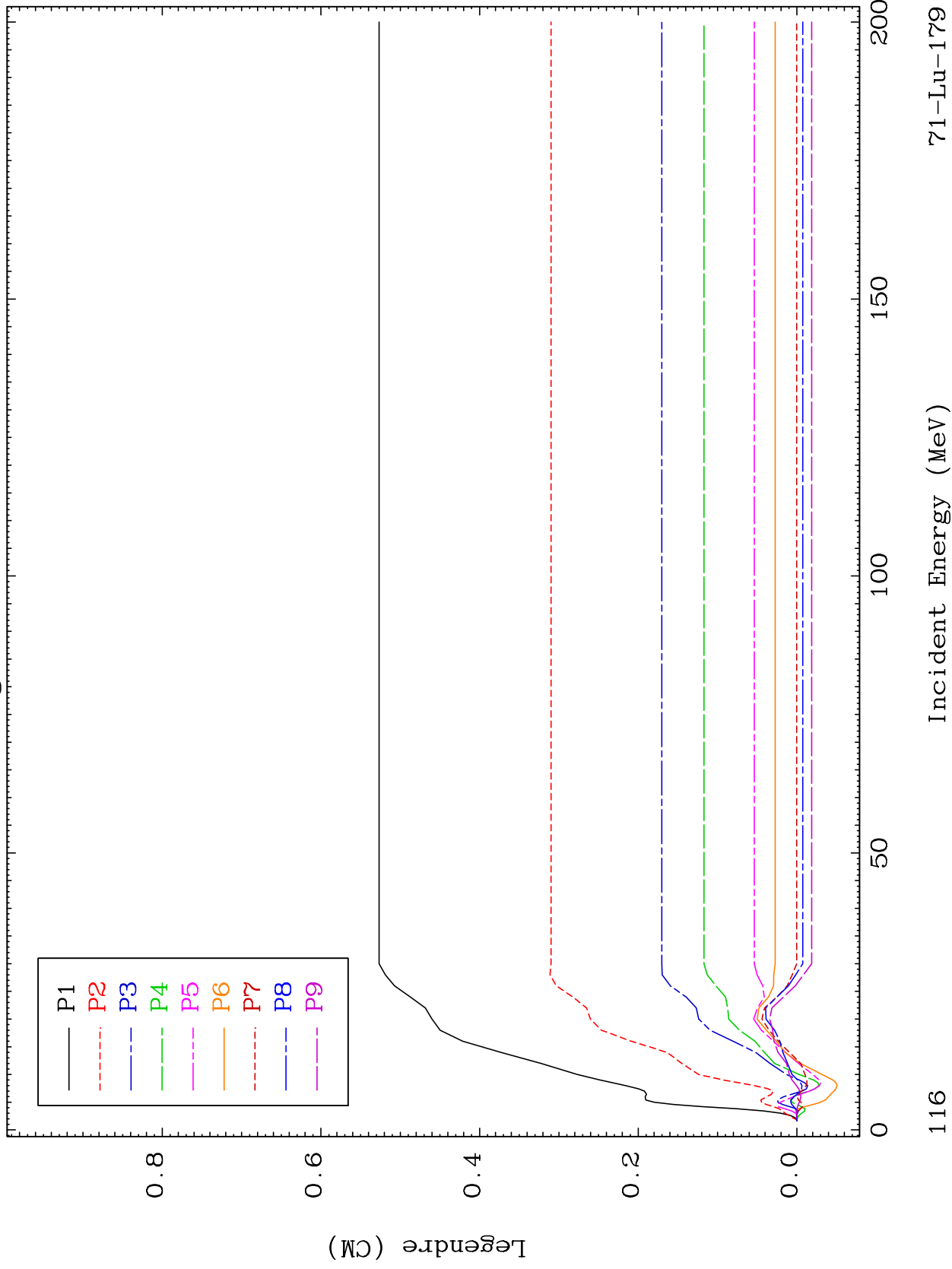
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

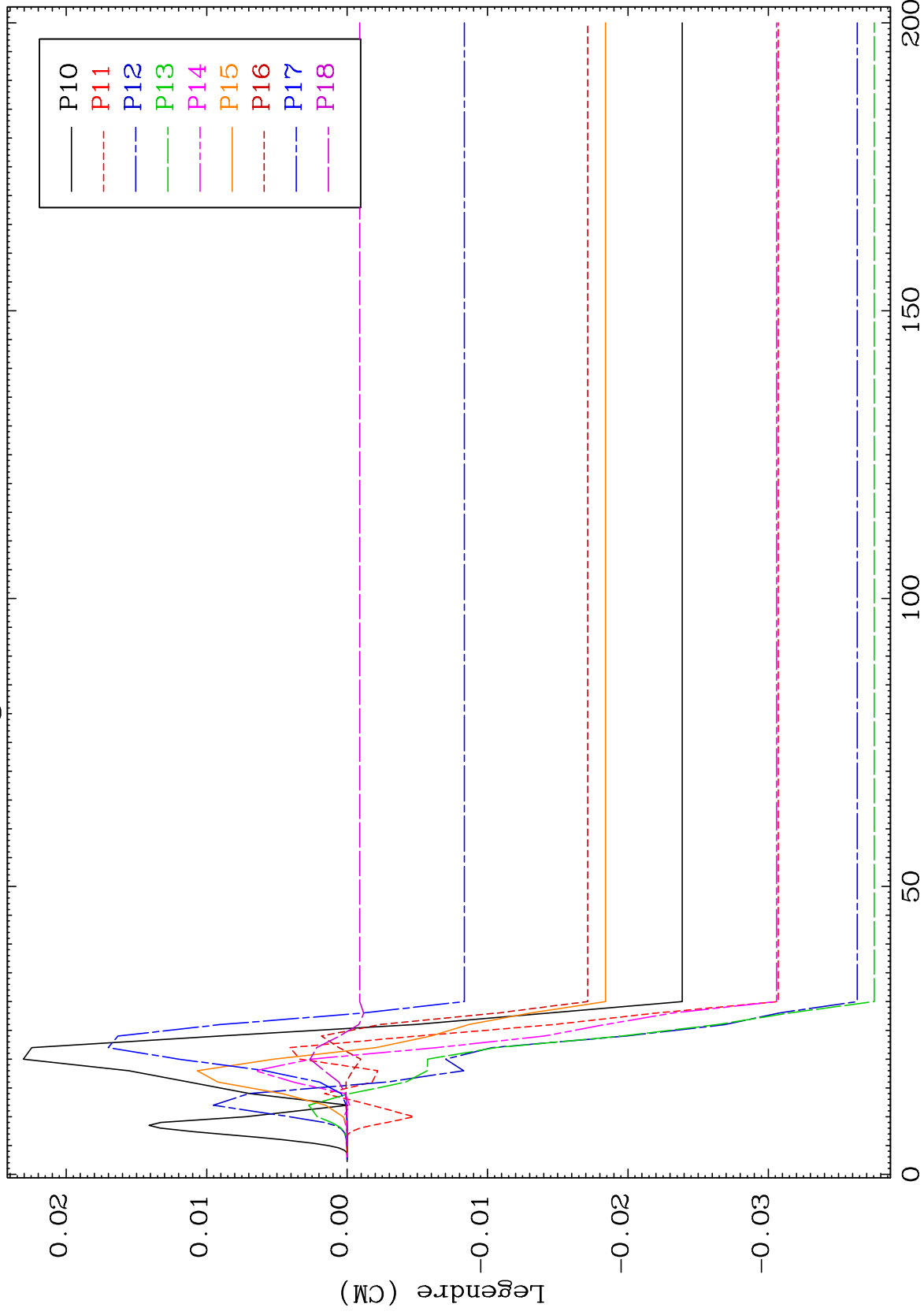
Incident Energy (MeV)

116

MAT 7137

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

71-Lu-179



117

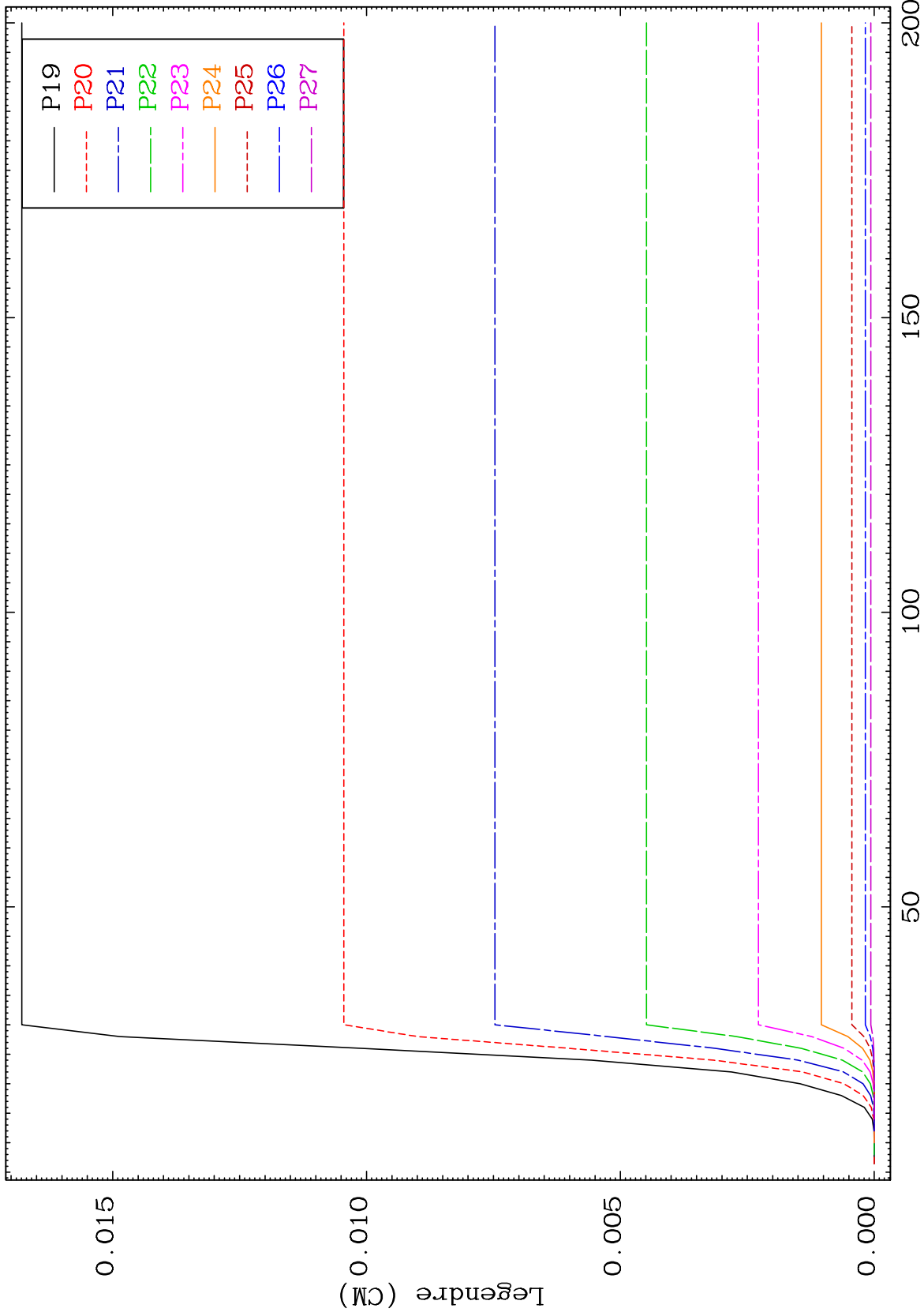
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



118

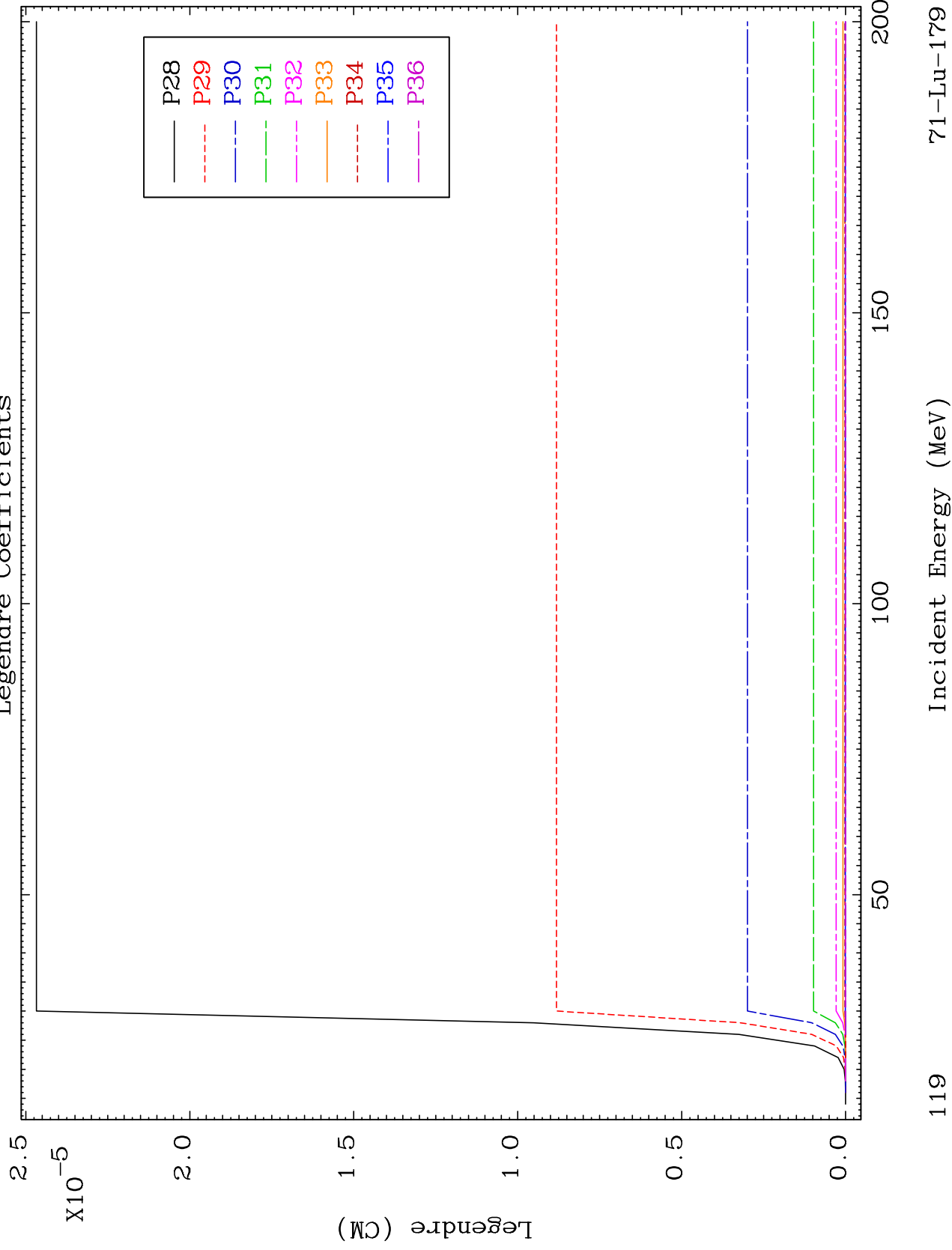
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



119

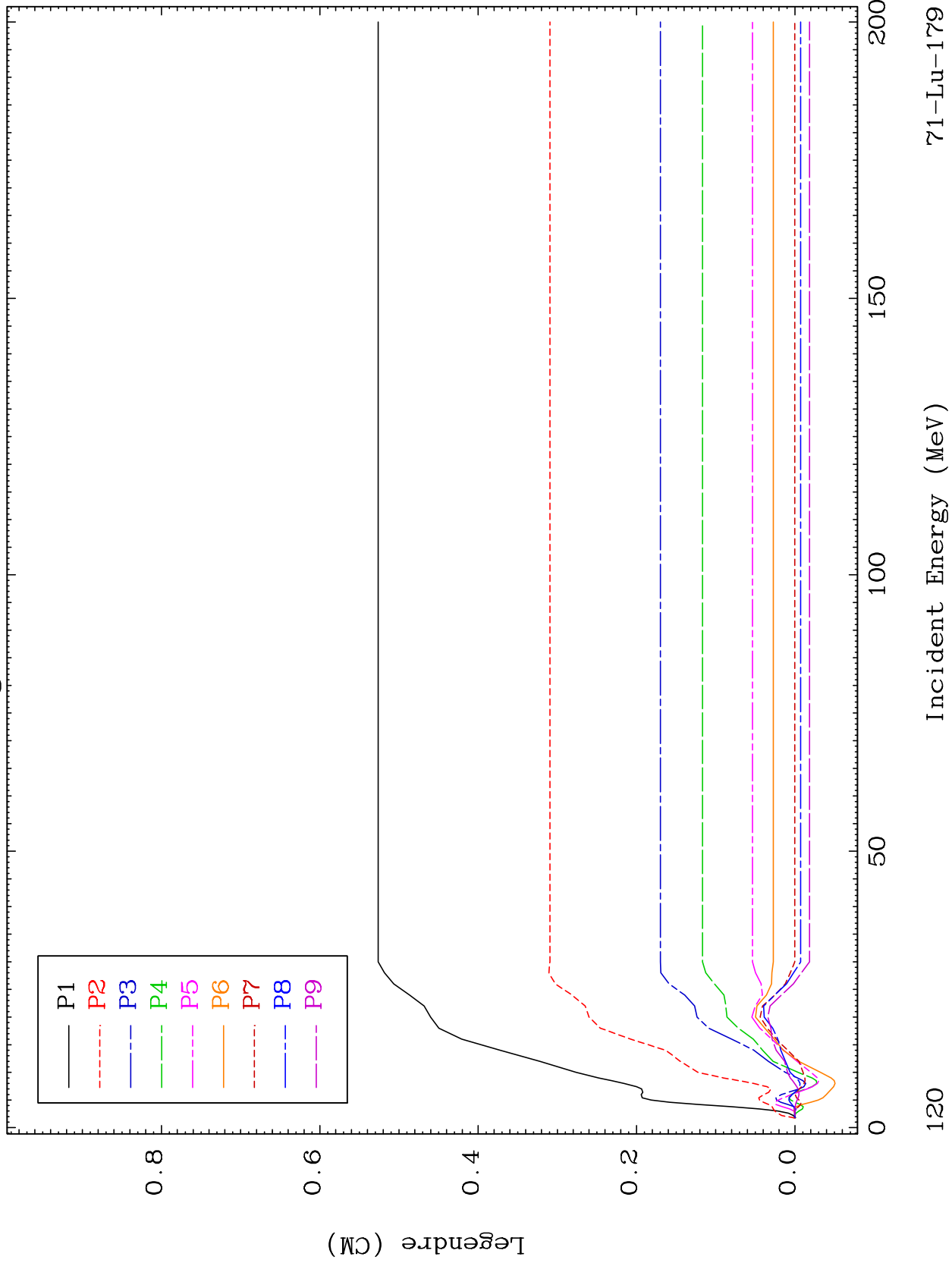
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

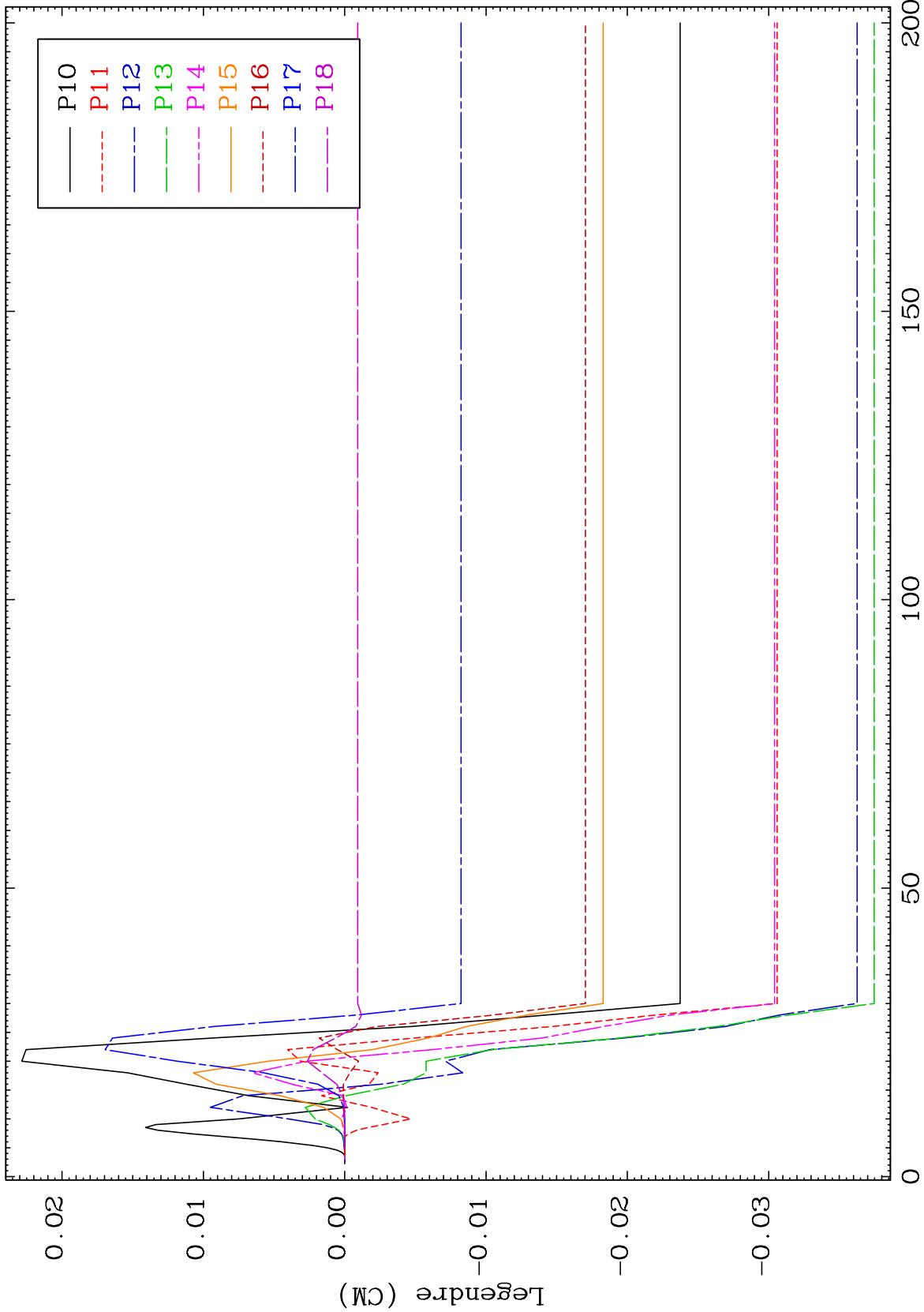
Incident Energy (MeV)

120

MAT 7137

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

71-Lu-179



121

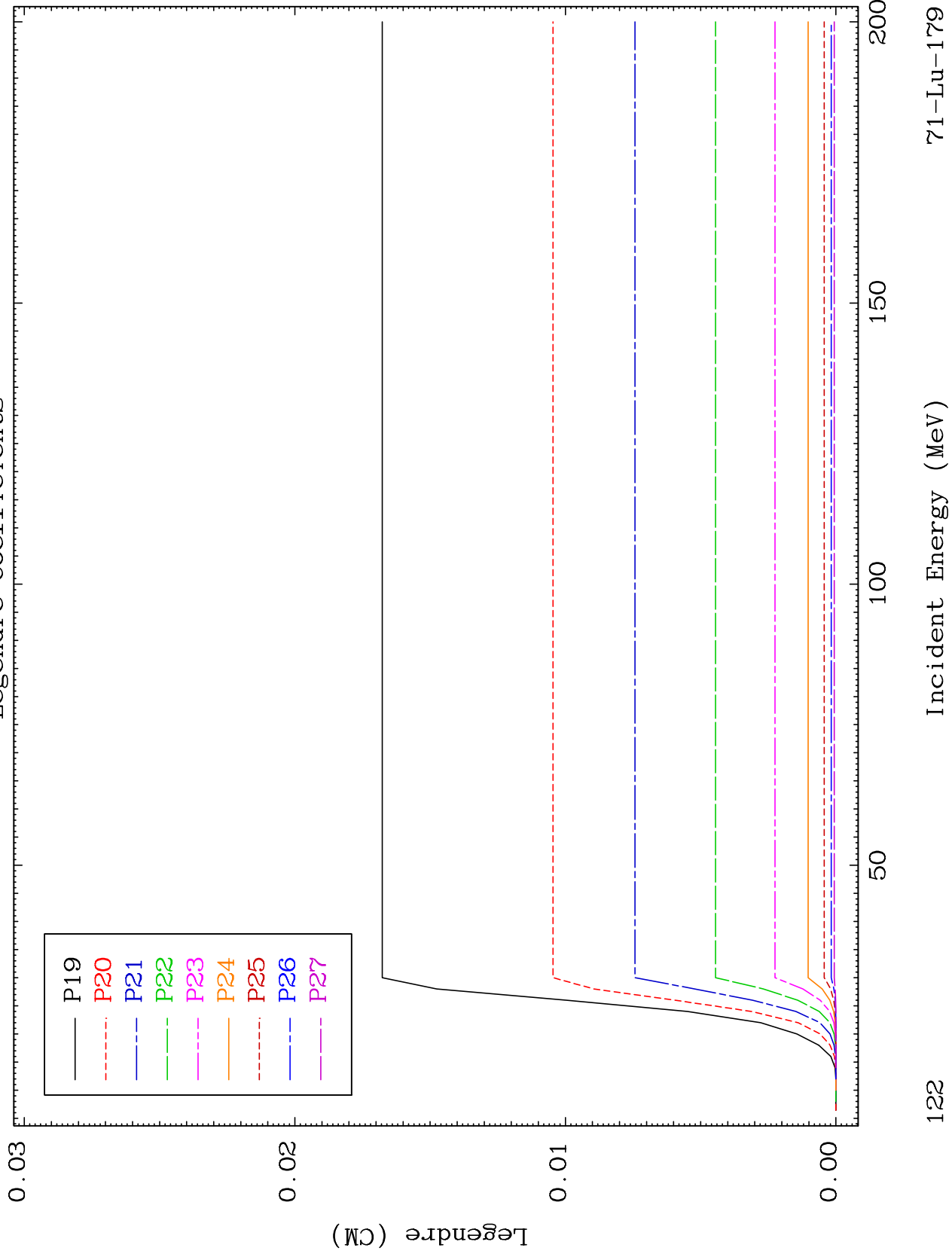
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



122

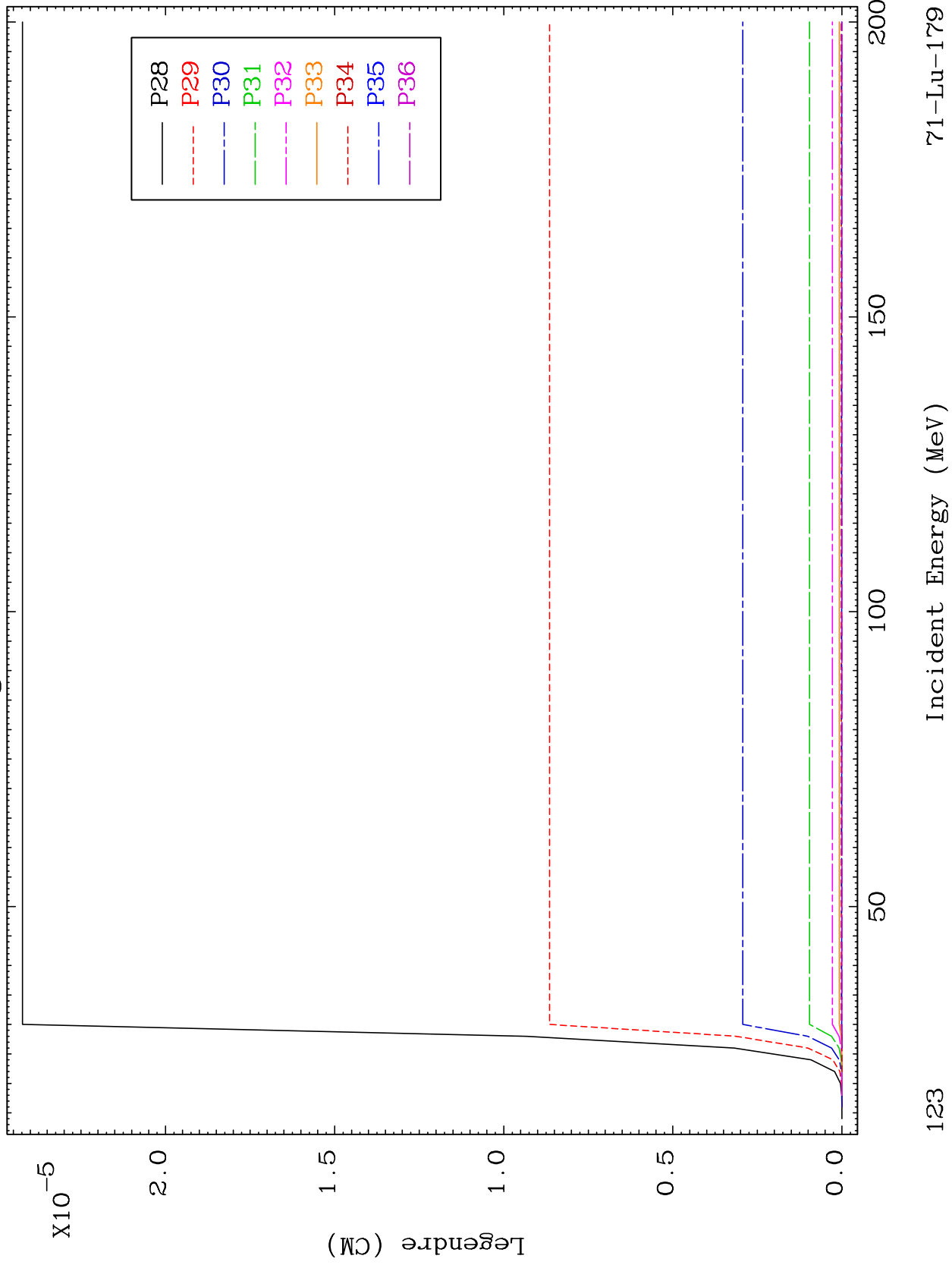
Incident Energy (MeV)

71-Lu-179

MAT 7137

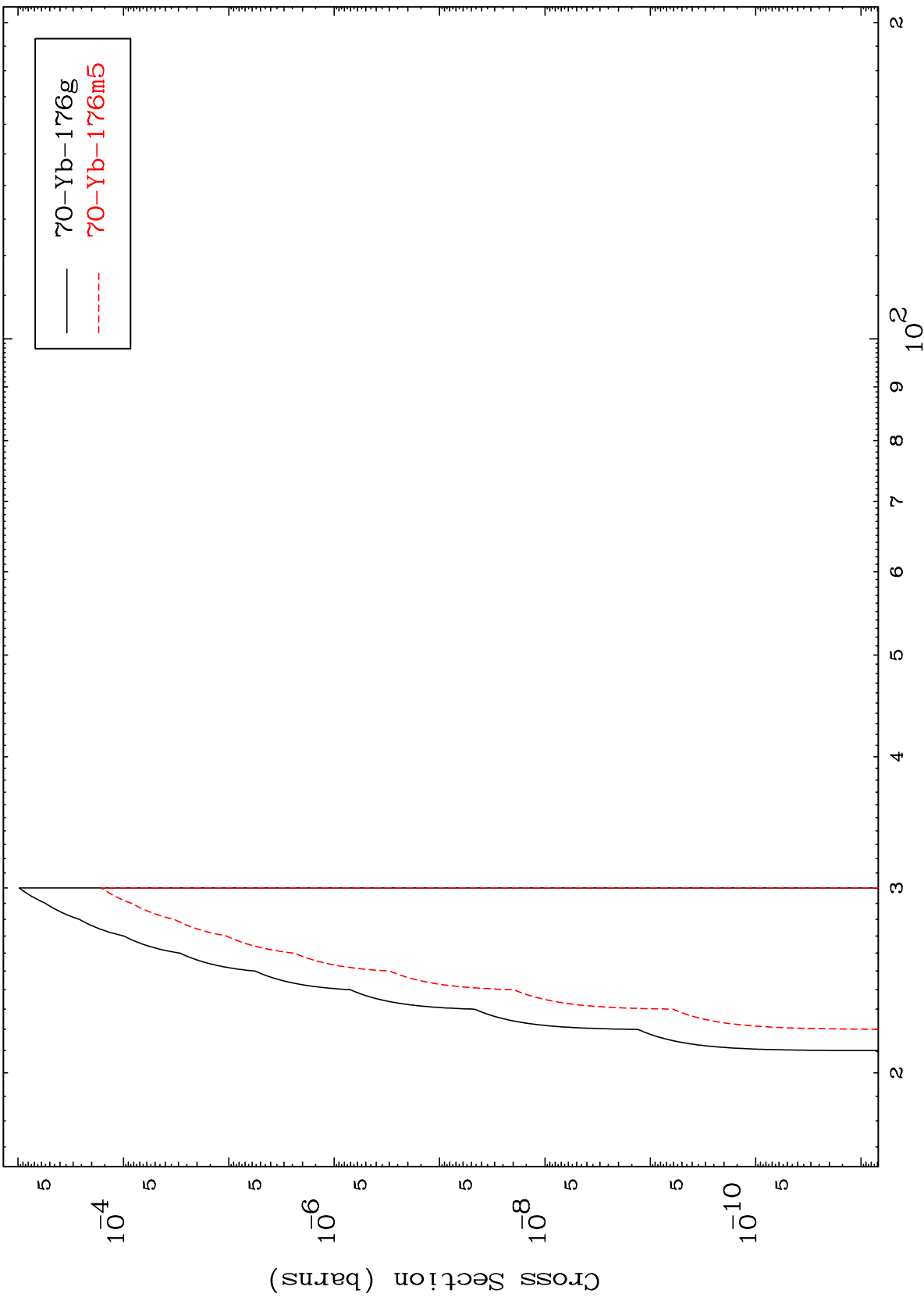
MT= 76 (n,n') Level
Legendre Coefficients

71-Lu-179



123

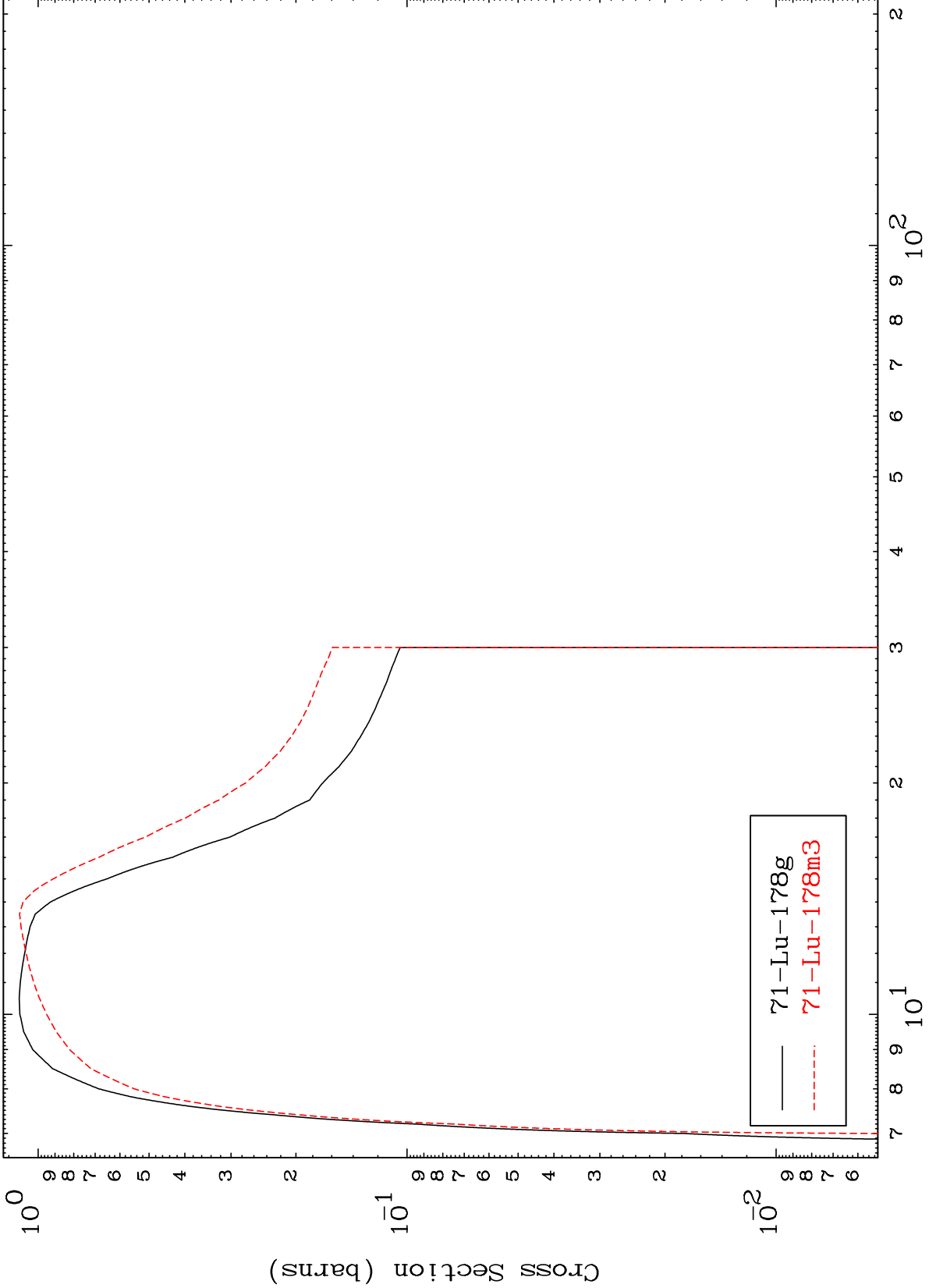
Radionuclide Production Cross Section



MAT 7137

71-Lu-179

Radionuclide Production Cross Section
(n,2n)



71-Lu-178g
71-Lu-178m3

125

Incident Energy (MeV)

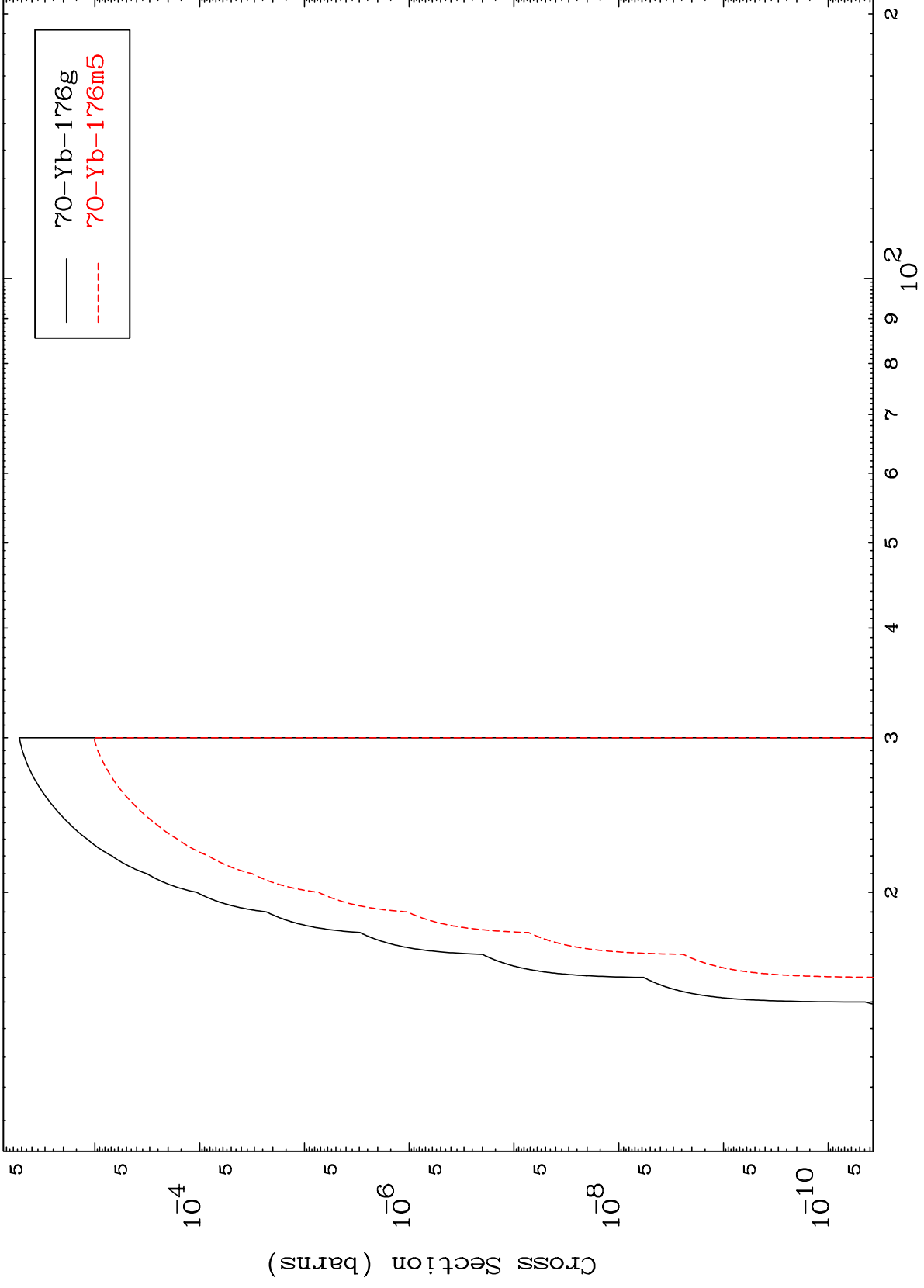
71-Lu-179

MAT 7137

(n,n') t

71-Lu-179

Radionuclide Production Cross Section



126

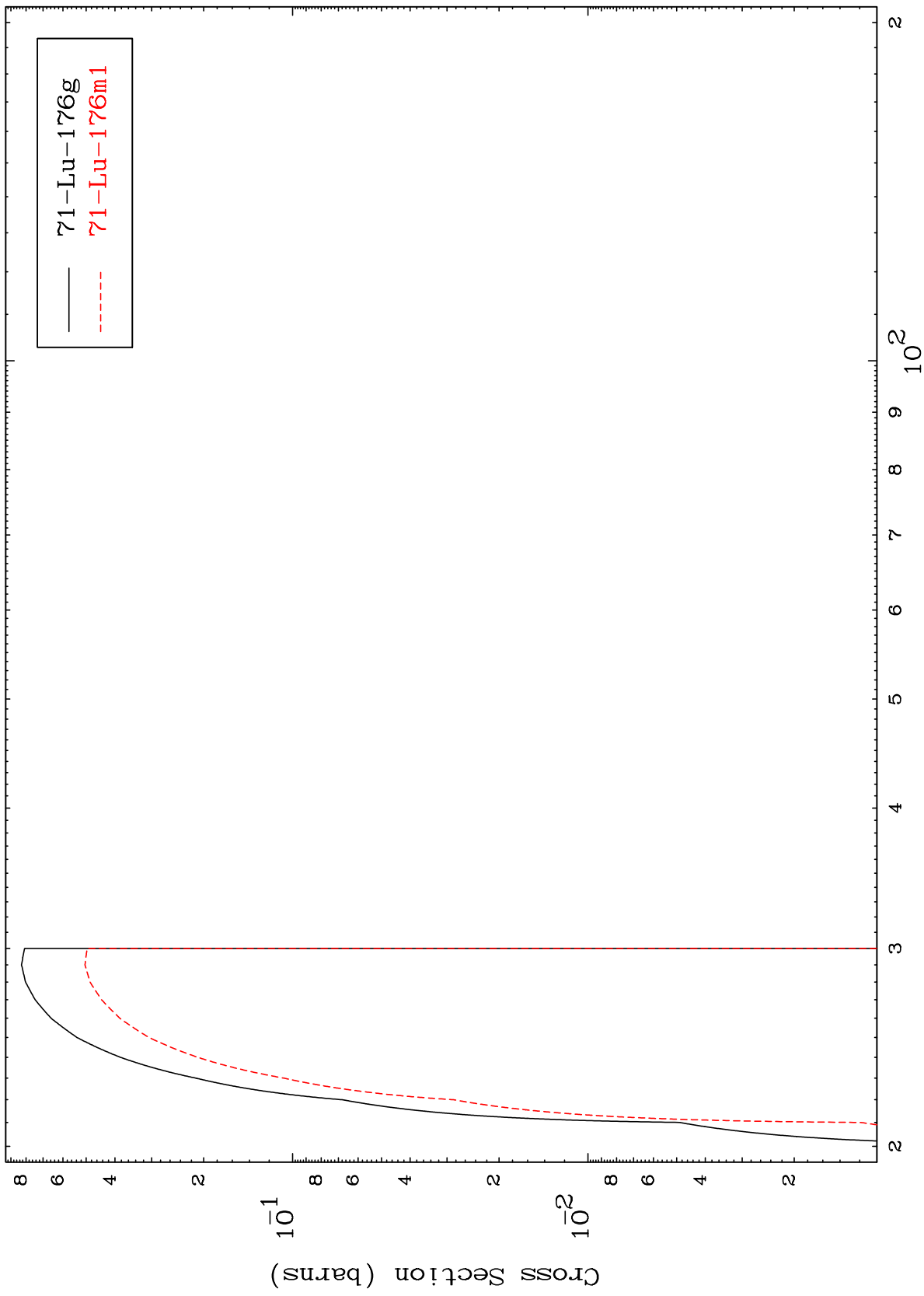
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

(n,4n)
Radionuclide Production Cross Section

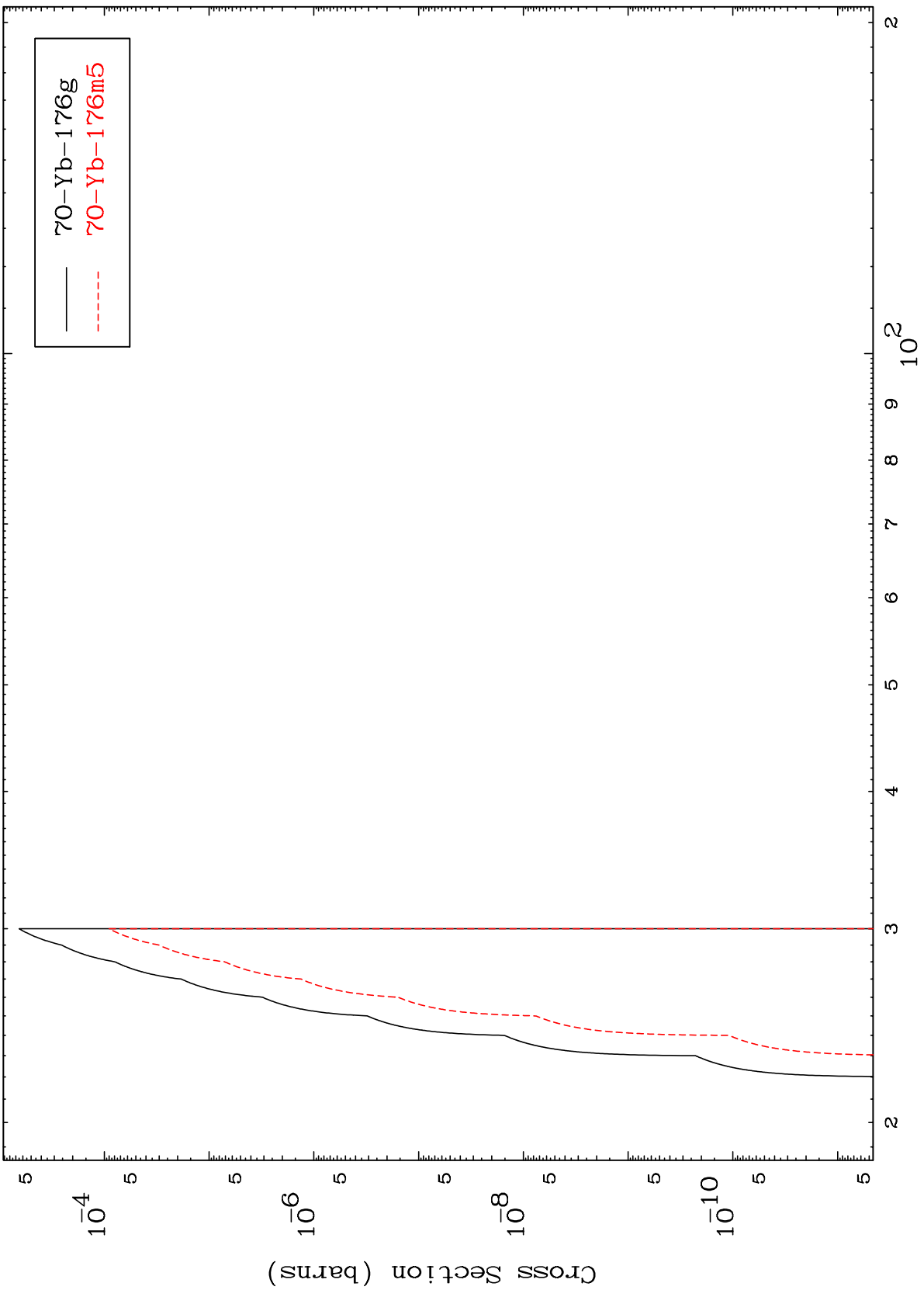


127

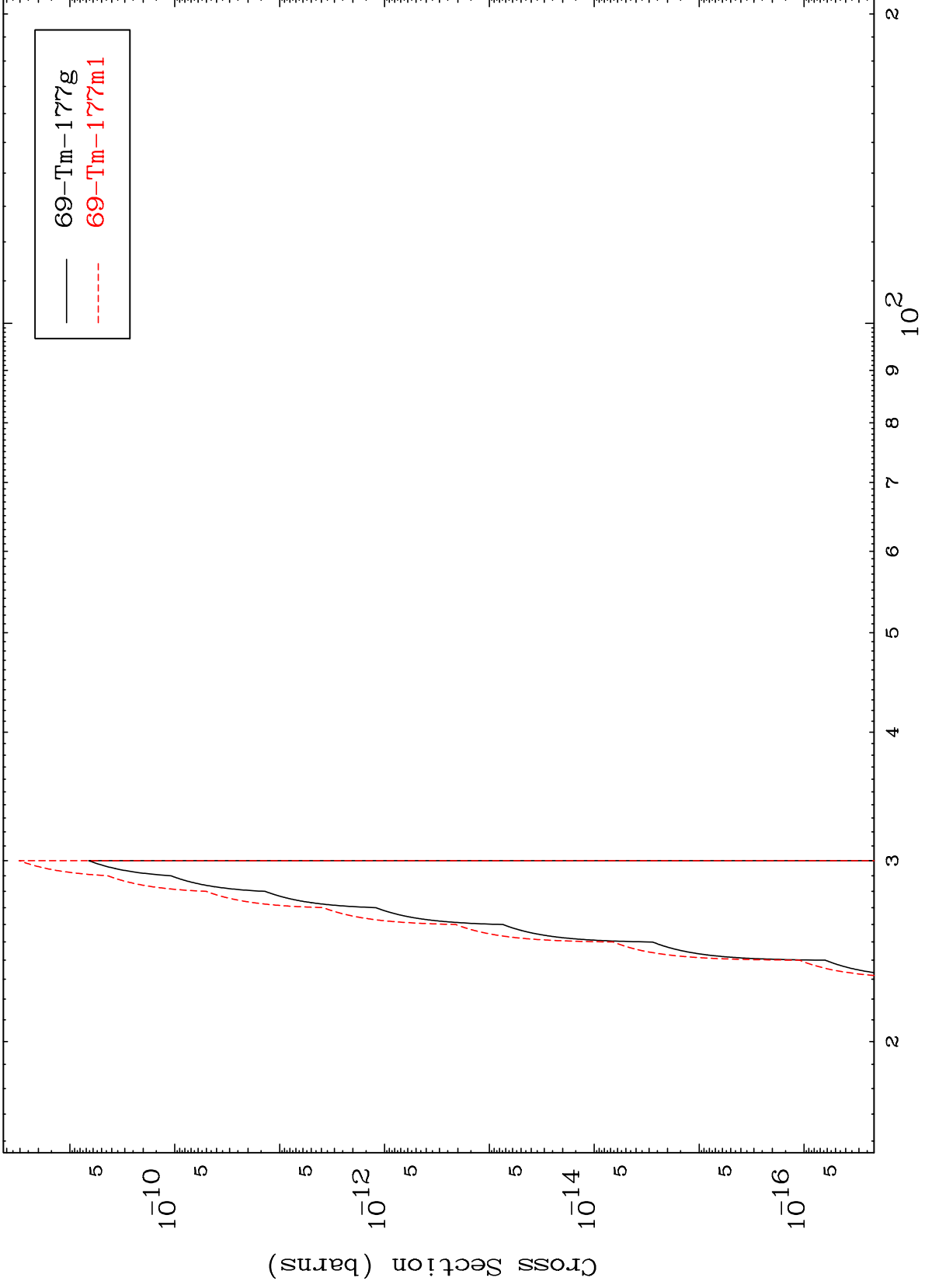
Incident Energy (MeV)

71-Lu-179

Radionuclide Production Cross Section



Radionuclide Production Cross Section

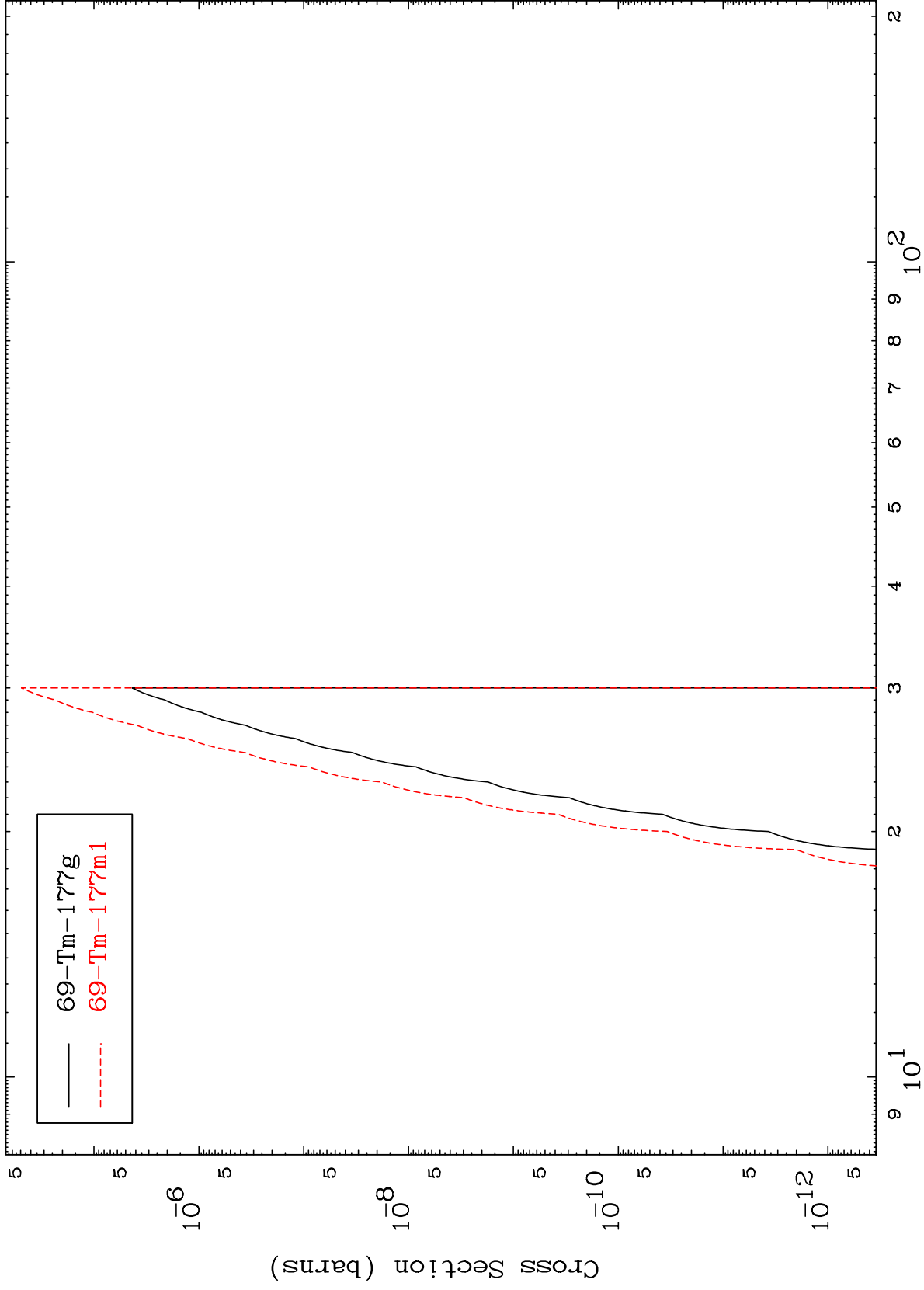


MAT 7137

(n,He-3)

71-Lu-179

Radionuclide Production Cross Section



130

Incident Energy (MeV)

71-Lu-179