

Program EVALPLOT
(Version 2021-1)

by

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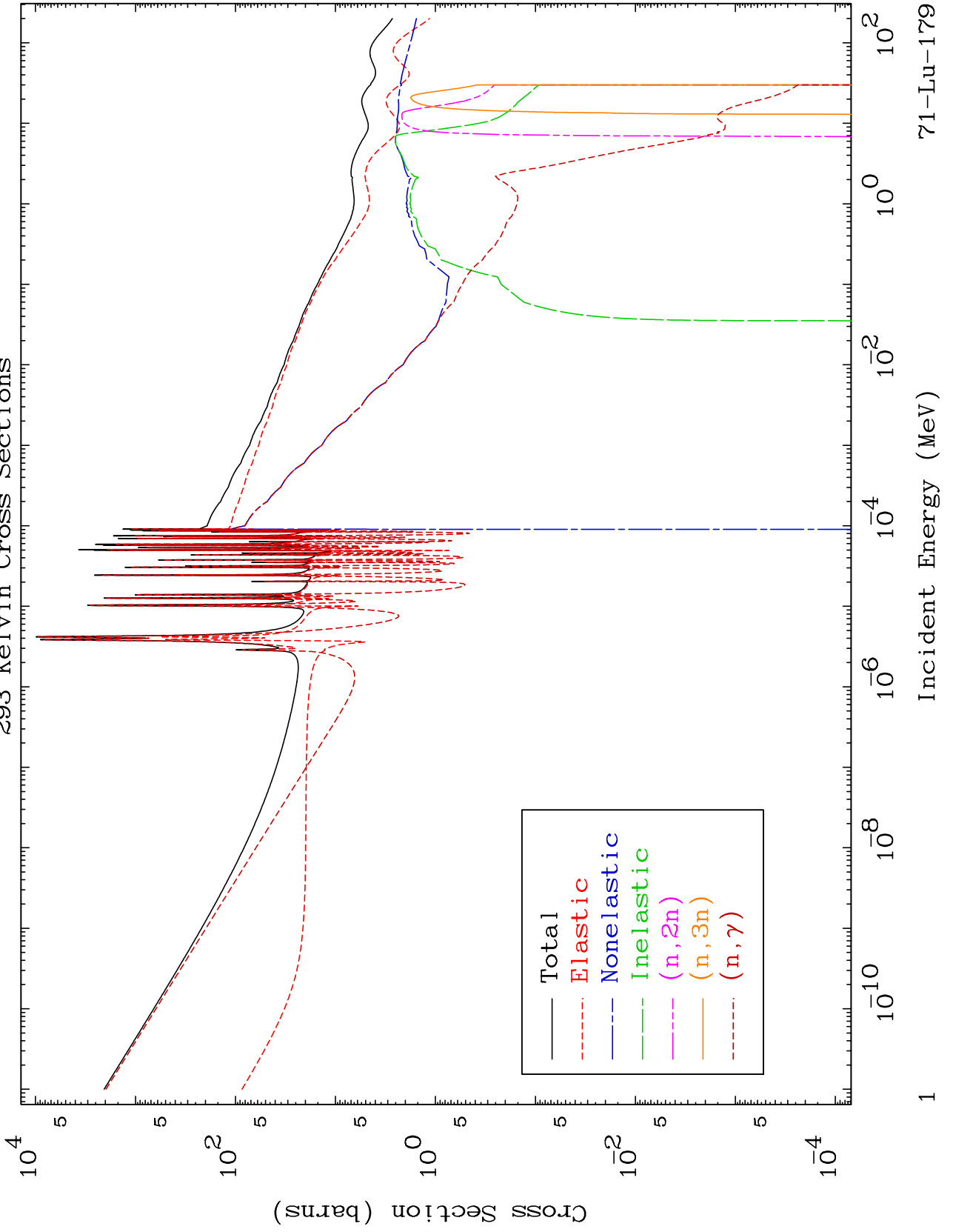
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7137

Neutron Major
293 Kelvin Cross Sections

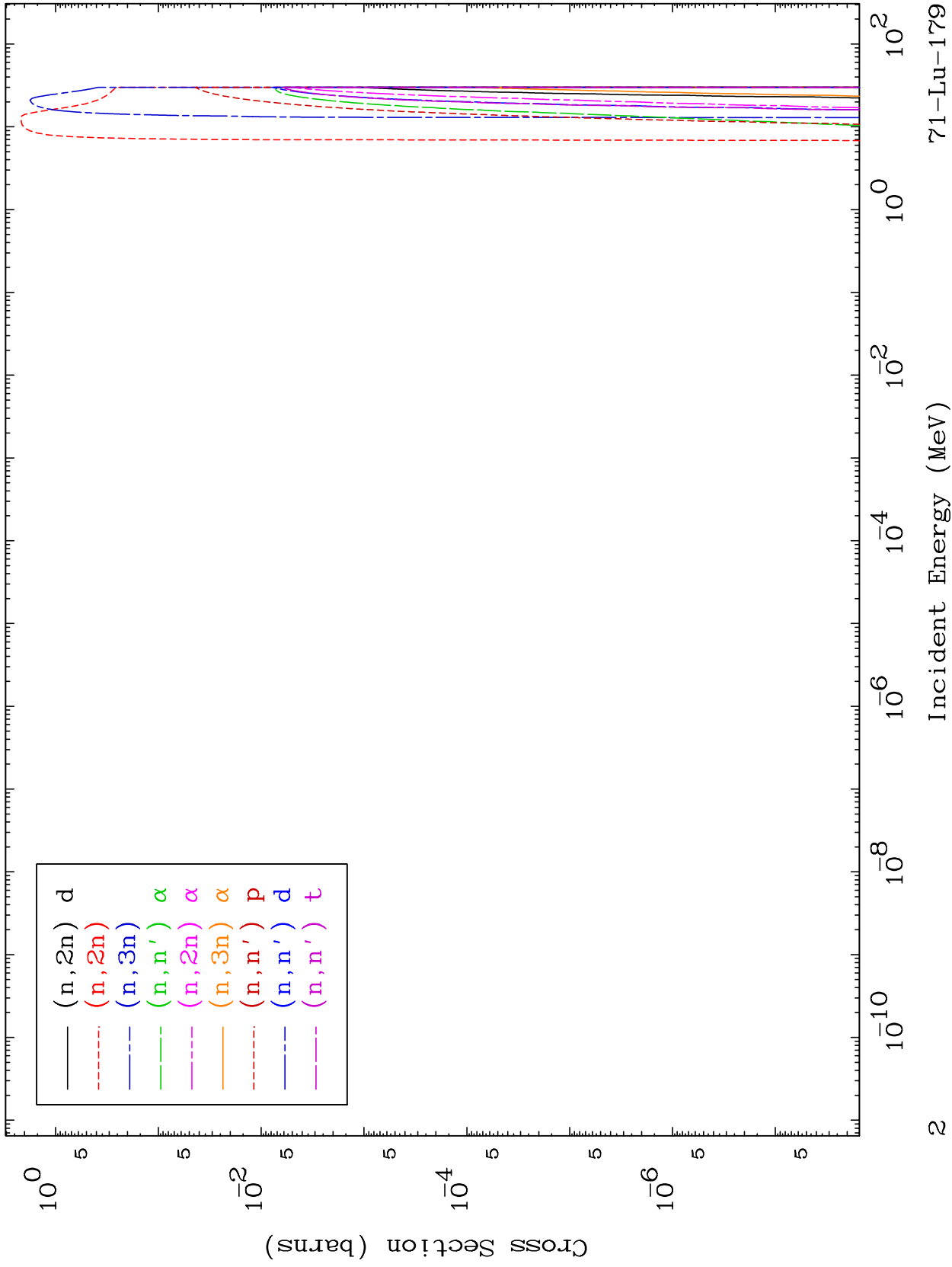
71-Lu-179



MAT 7137

Neutron Absorption
293 Kelvin Cross Sections

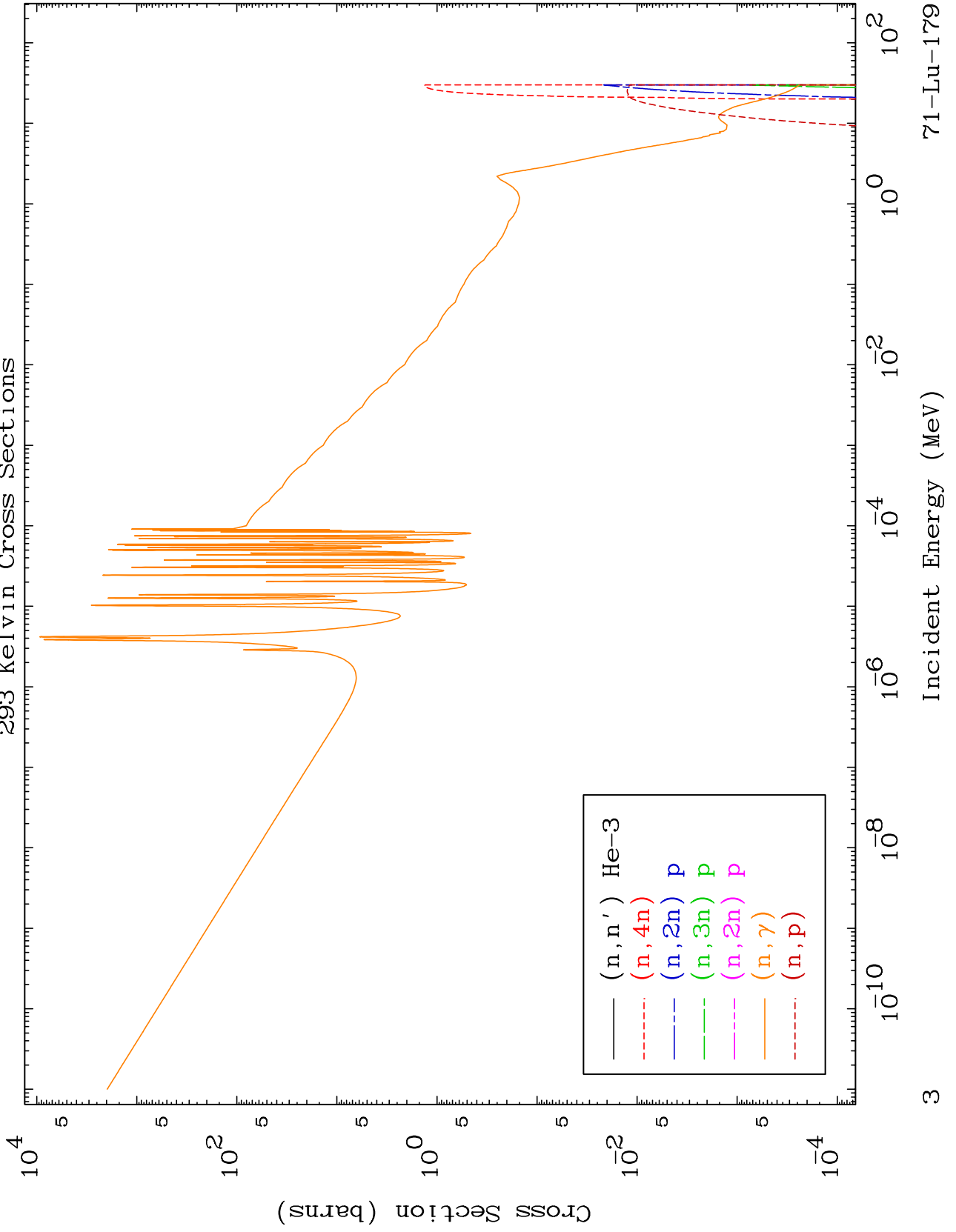
71-Lu-179



MAT 7137

Neutron Absorption
293 Kelvin Cross Sections

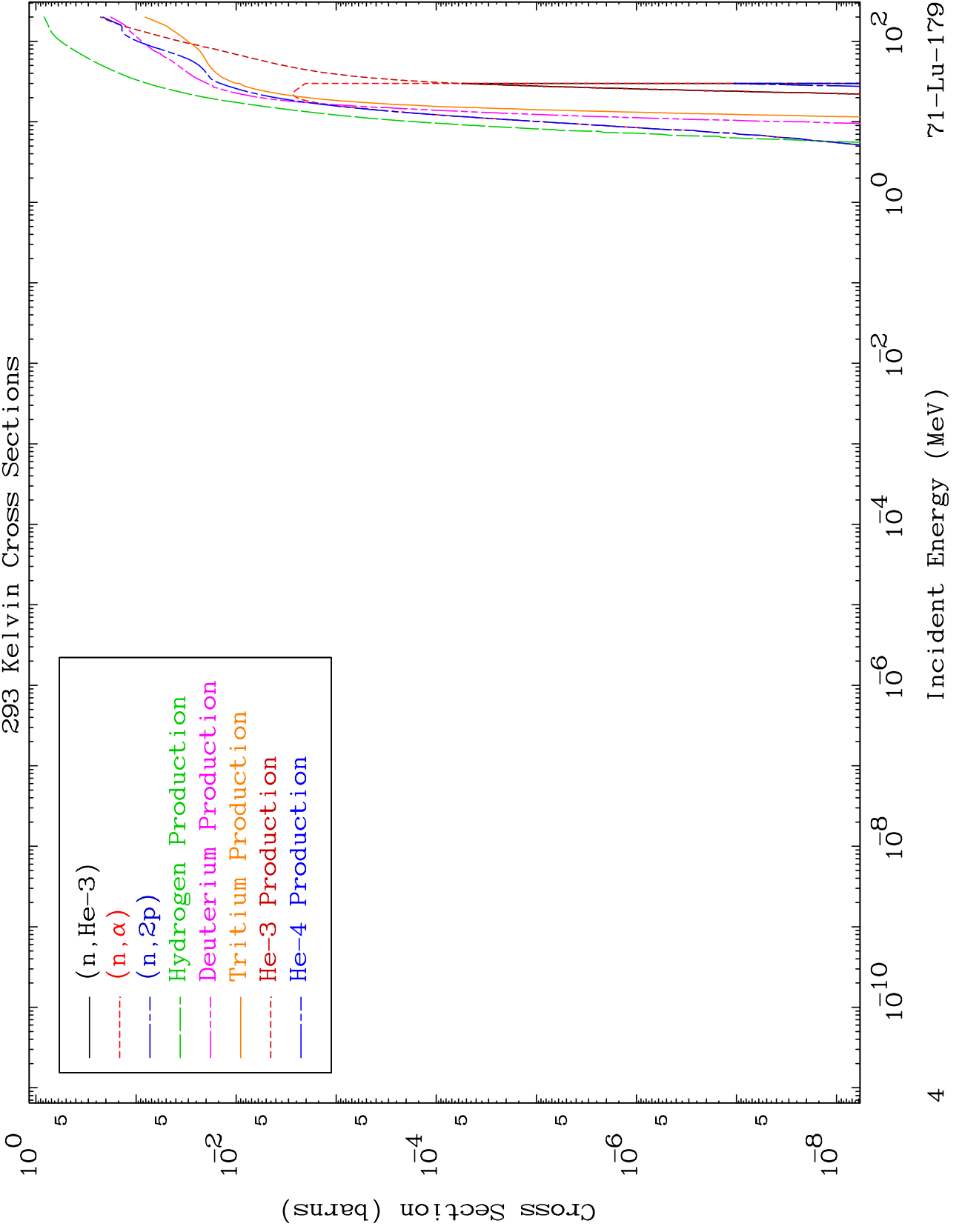
71-Lu-179



MAT 7137

Neutron Absorption
293 Kelvin Cross Sections

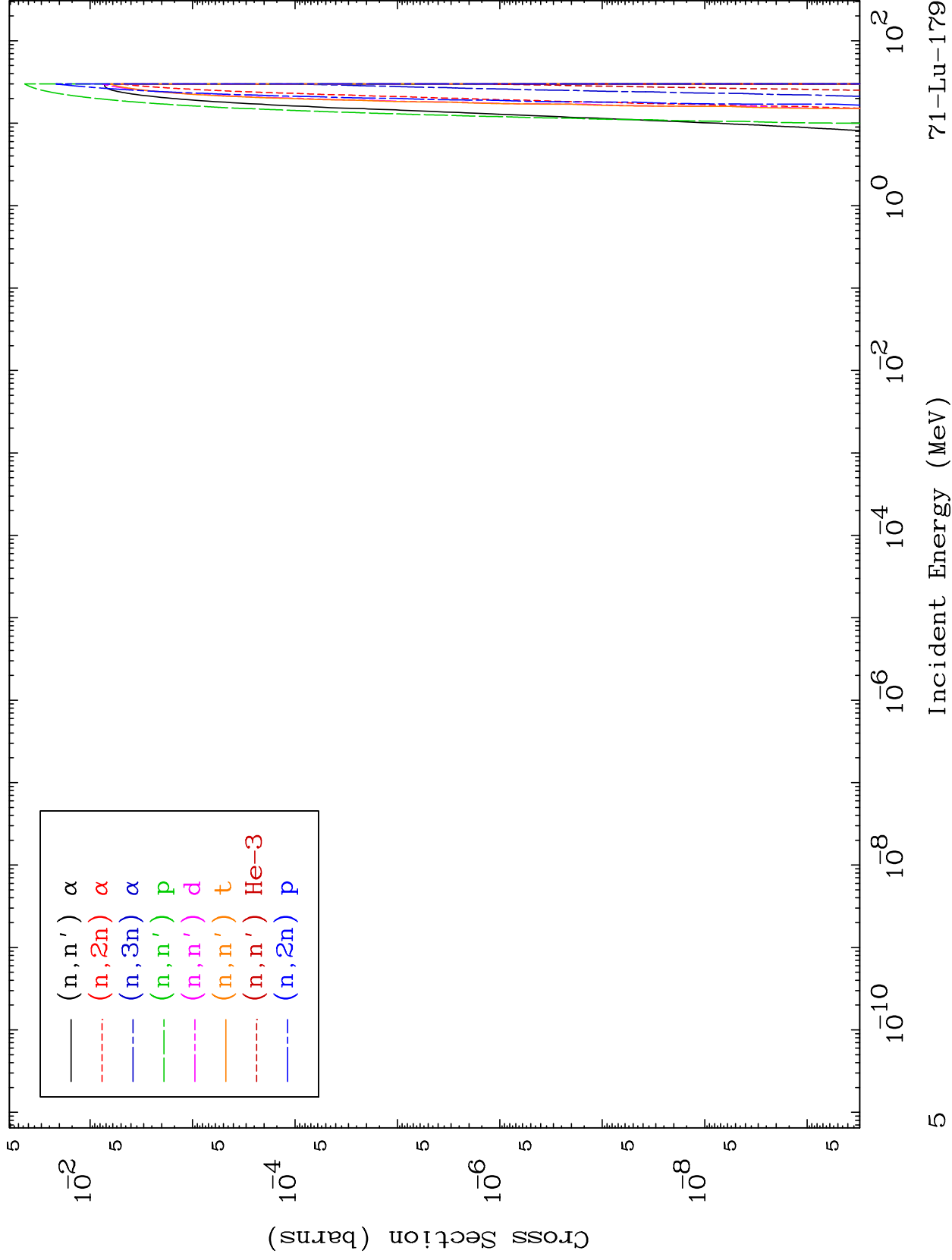
71-Lu-179



MAT 7137

Charged Particle
293 Kelvin Cross Sections

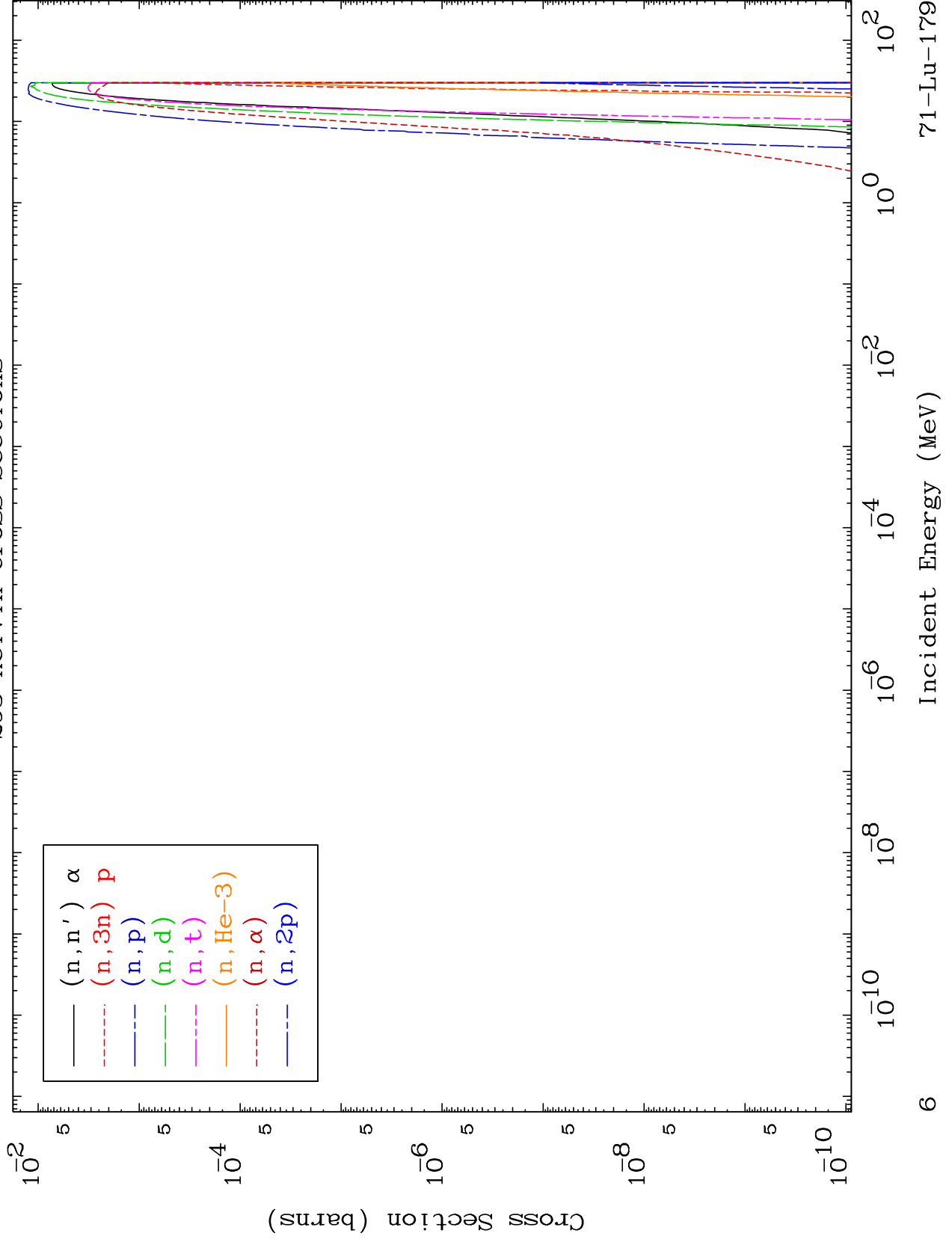
71-Lu-179



MAT 7137

Charged Particle
293 Kelvin Cross Sections

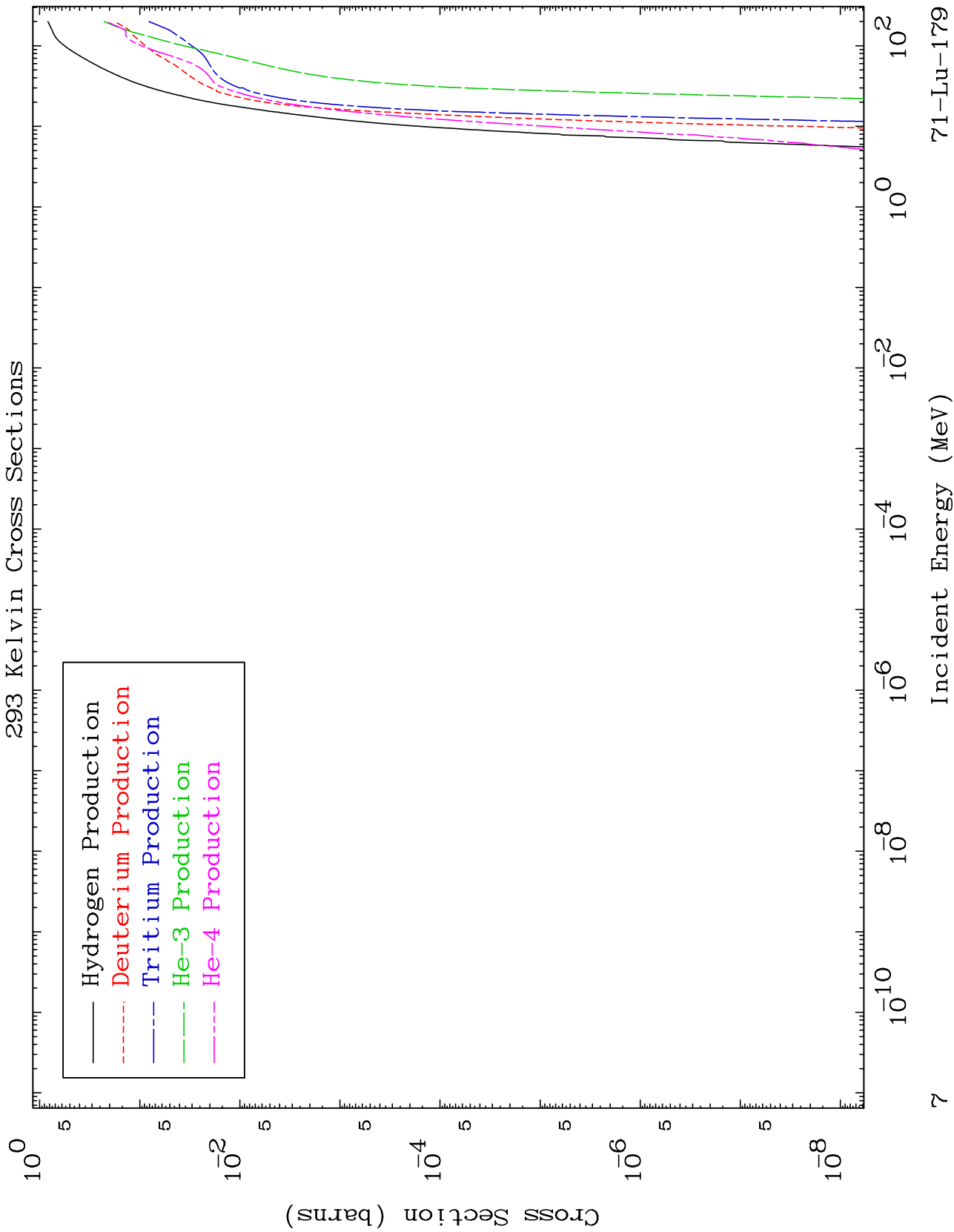
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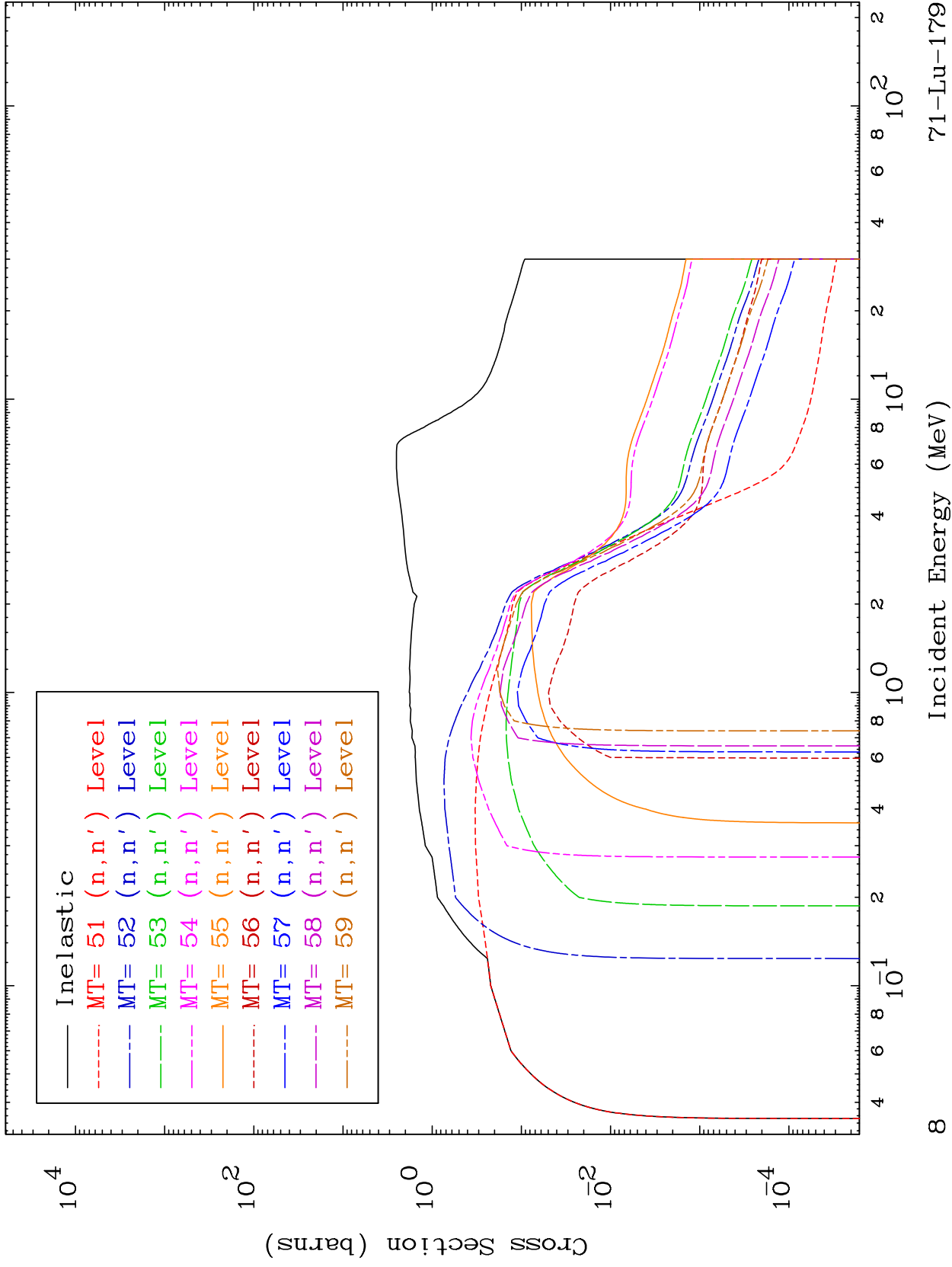


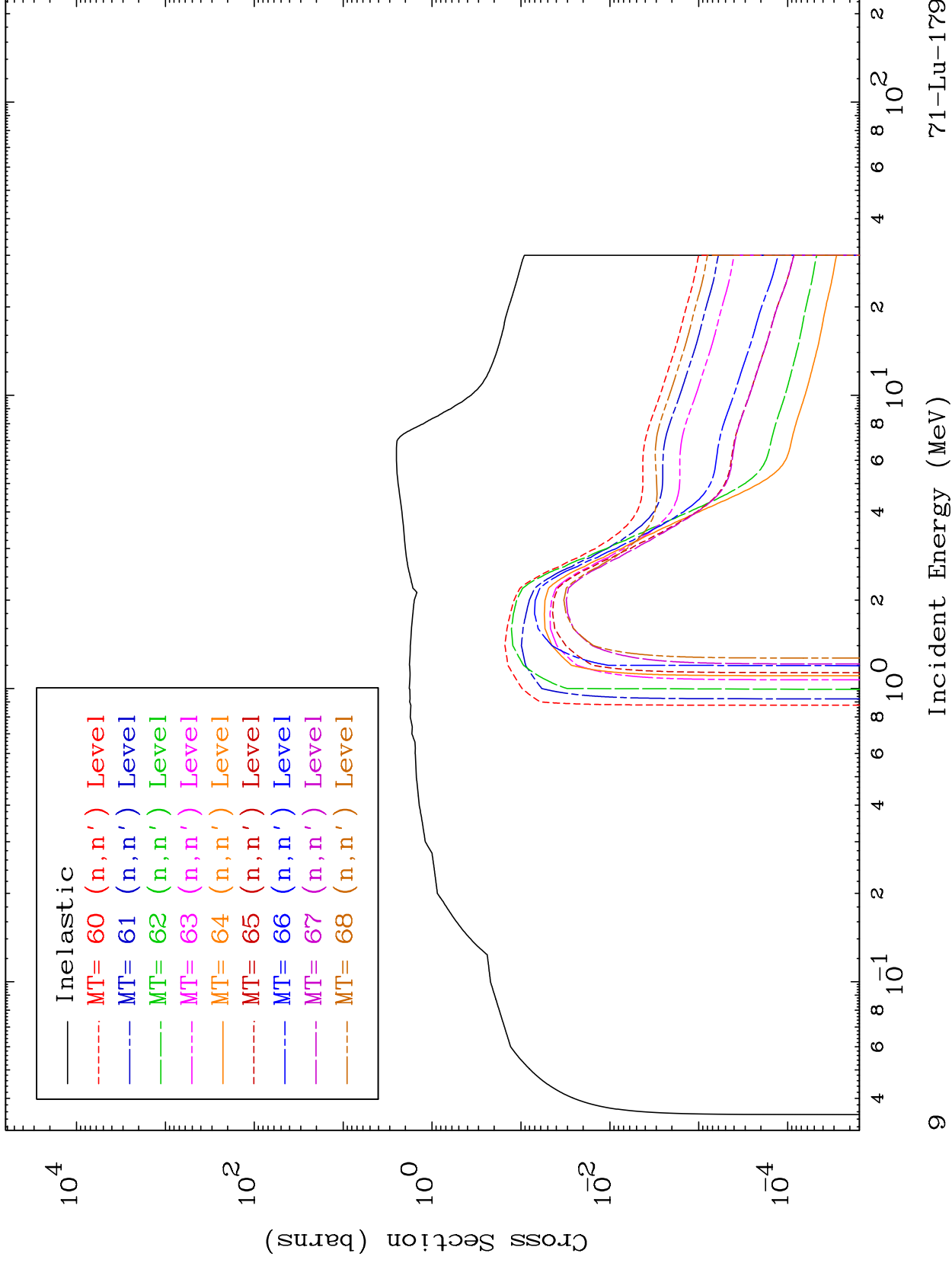
MAT 7137

Particle Production
293 Kelvin Cross Sections

71-Lu-179



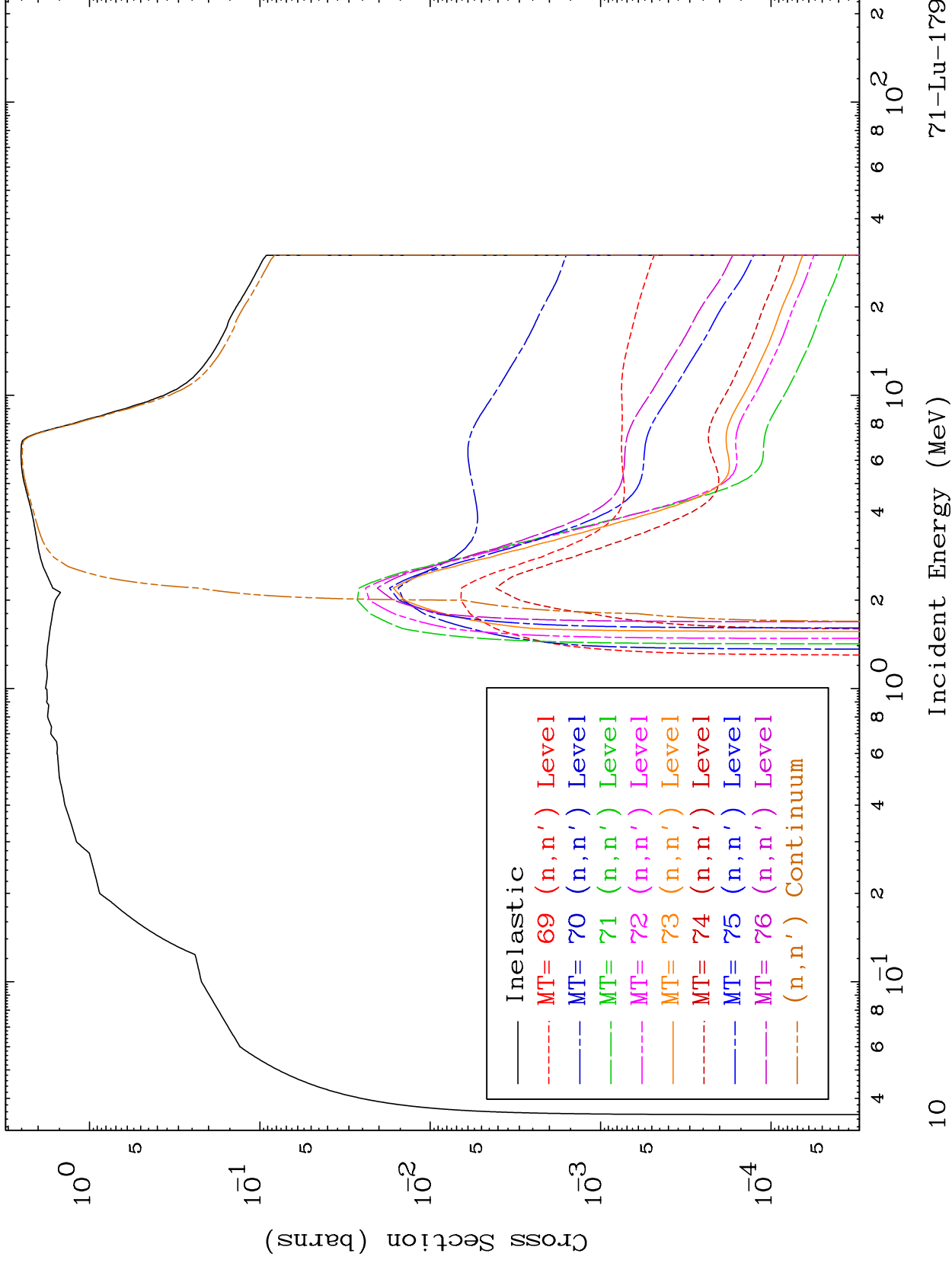




MAT 7137

293 Kelvin Cross Sections
(n, n') Levels

71-Lu-179



10

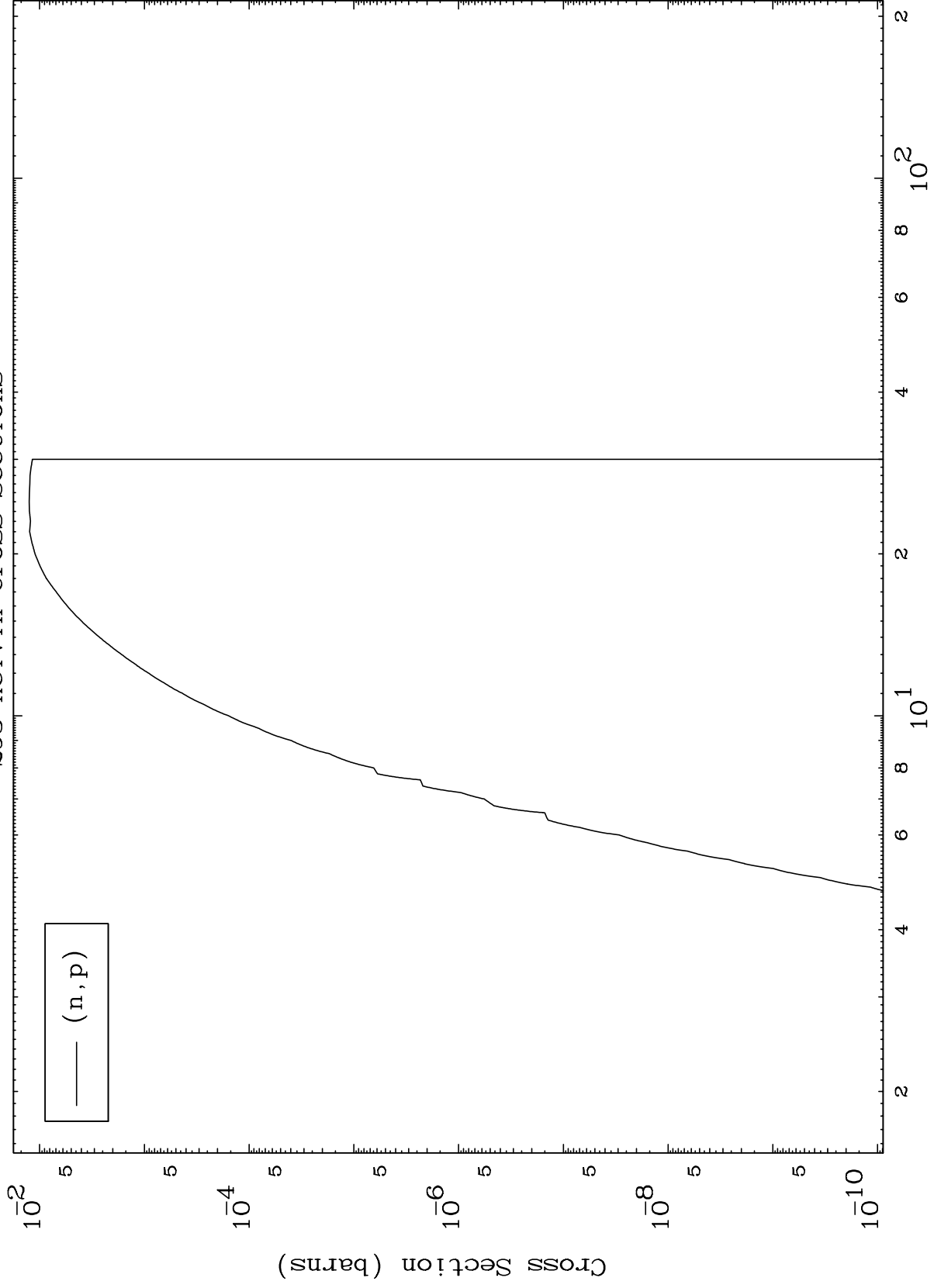
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-179



11

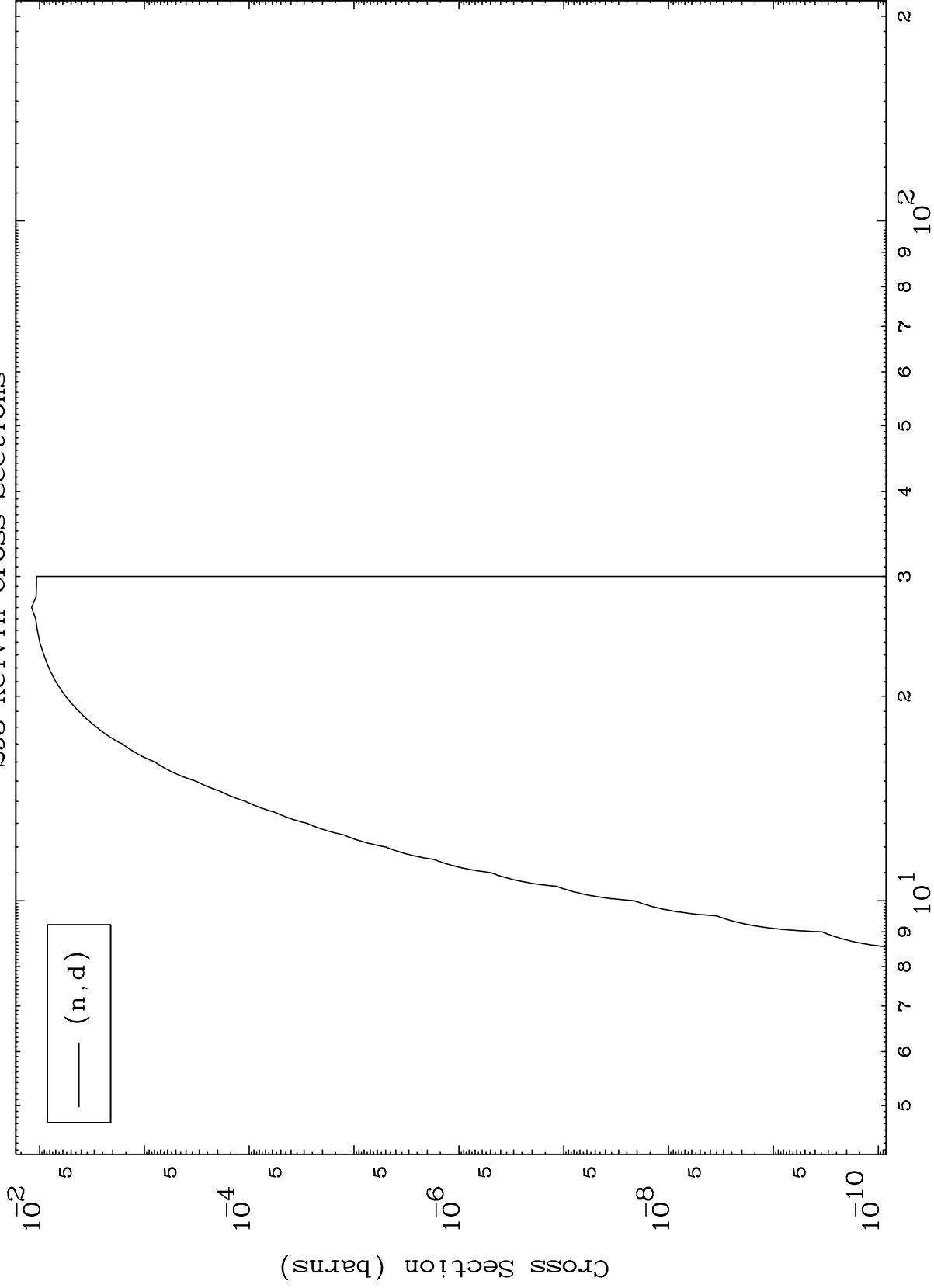
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-179



12

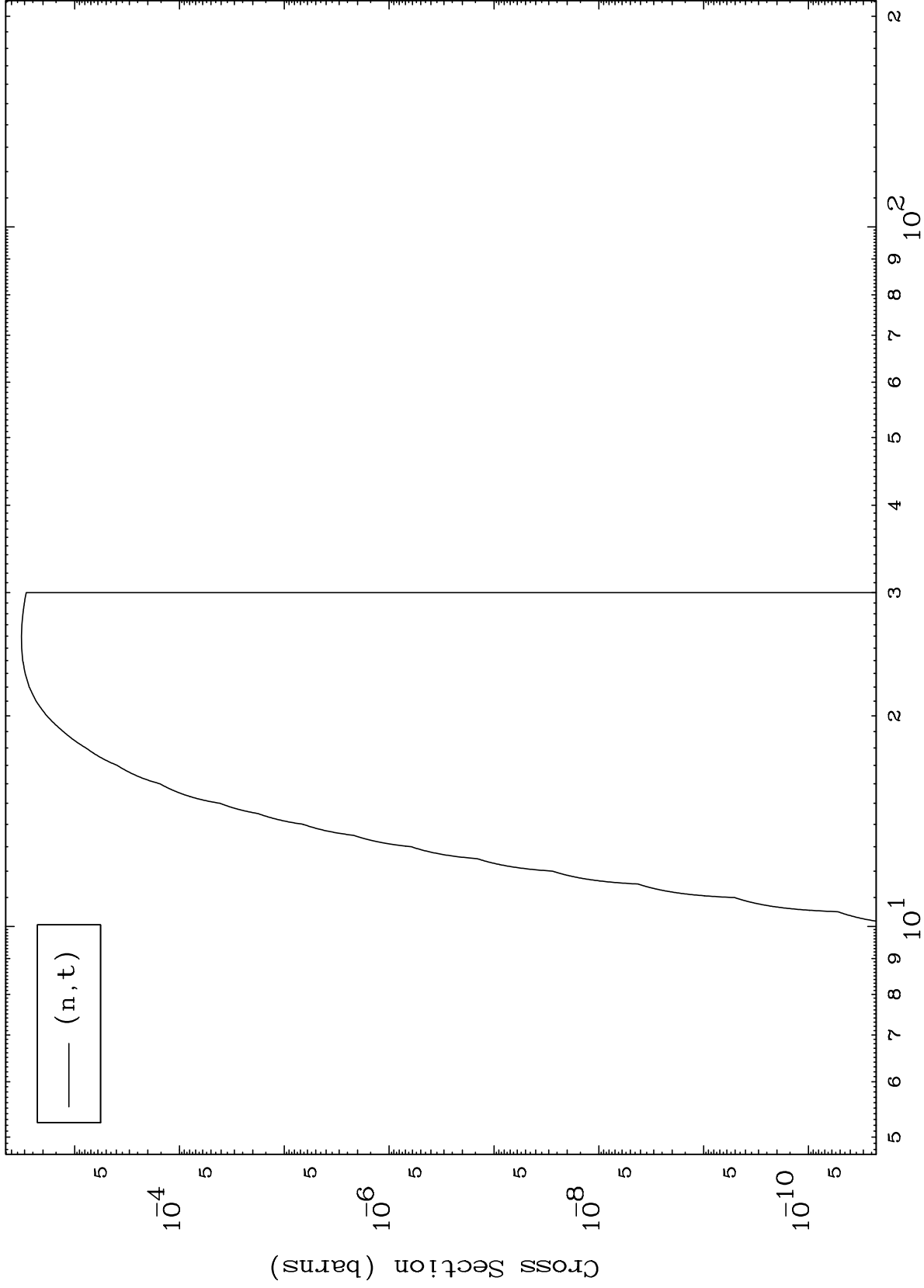
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-179



13

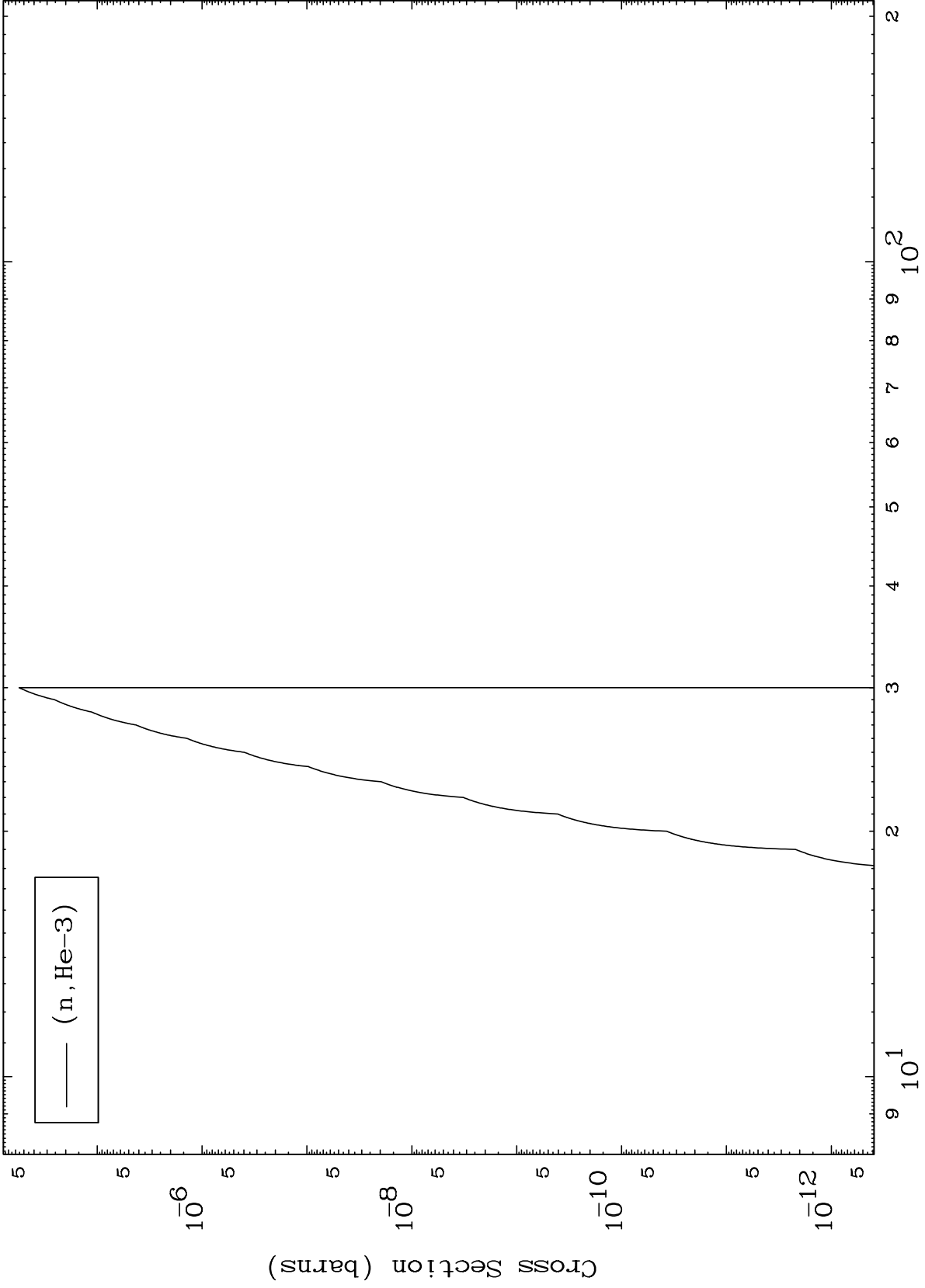
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-179



14

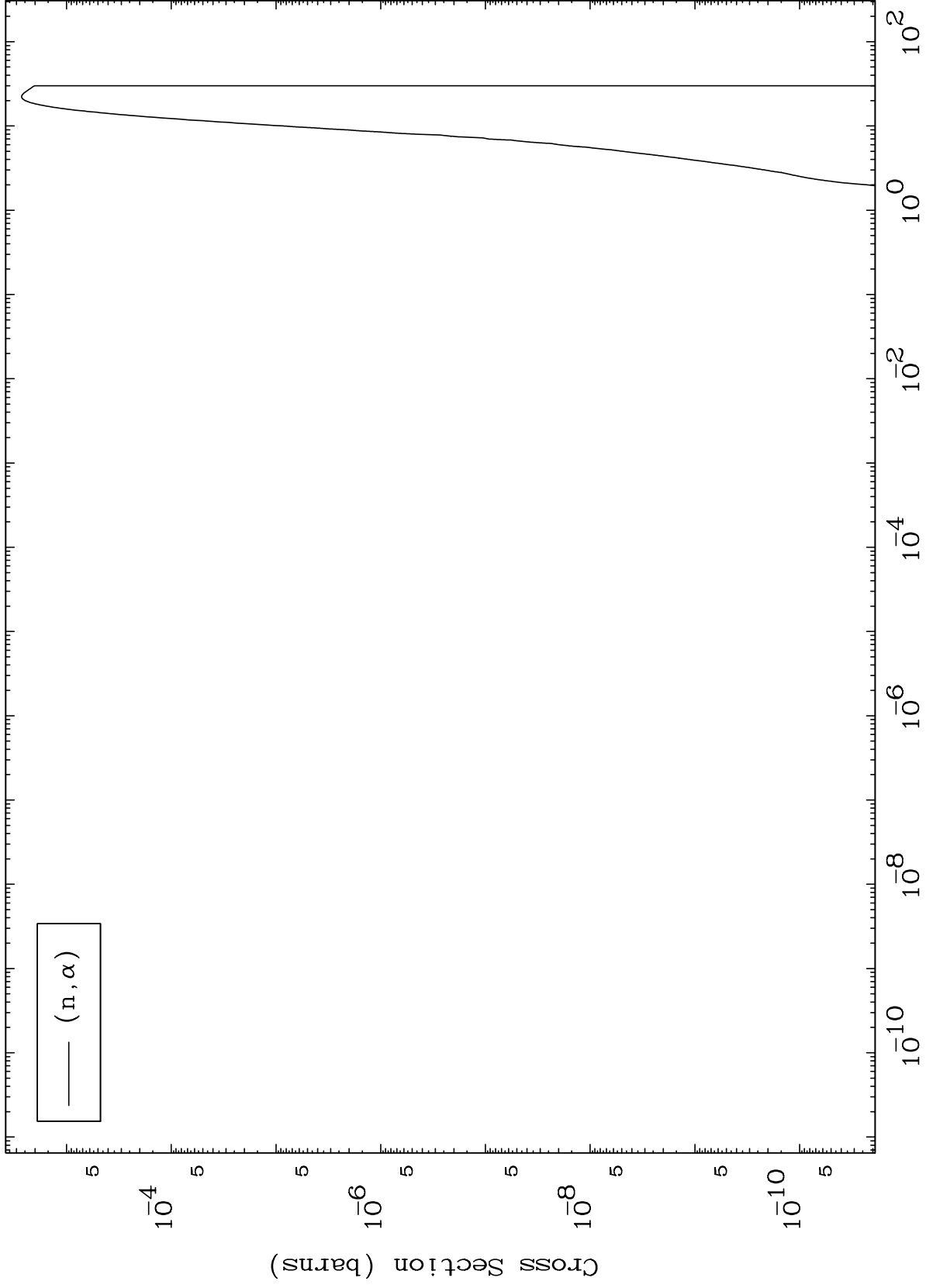
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-179



15

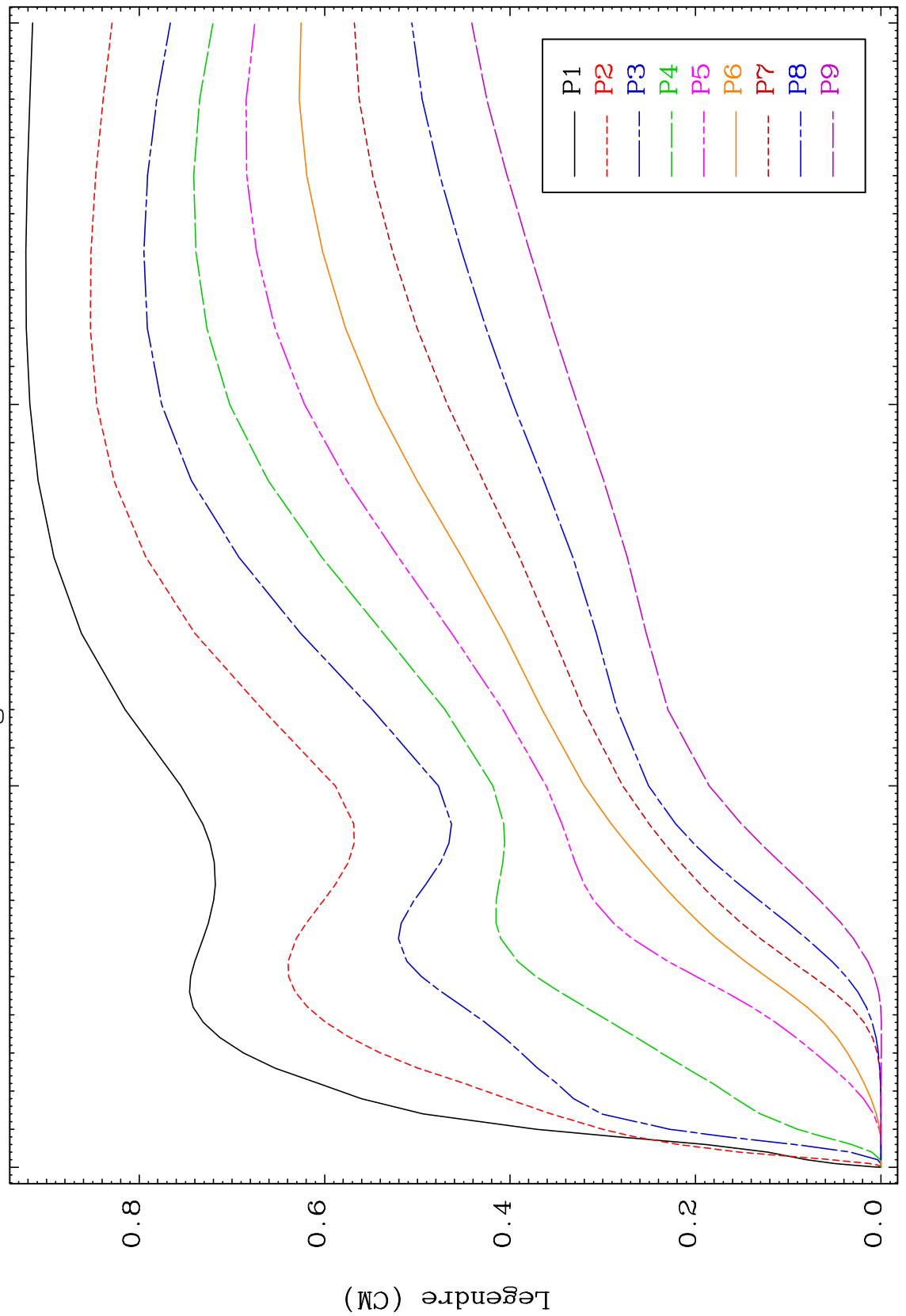
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

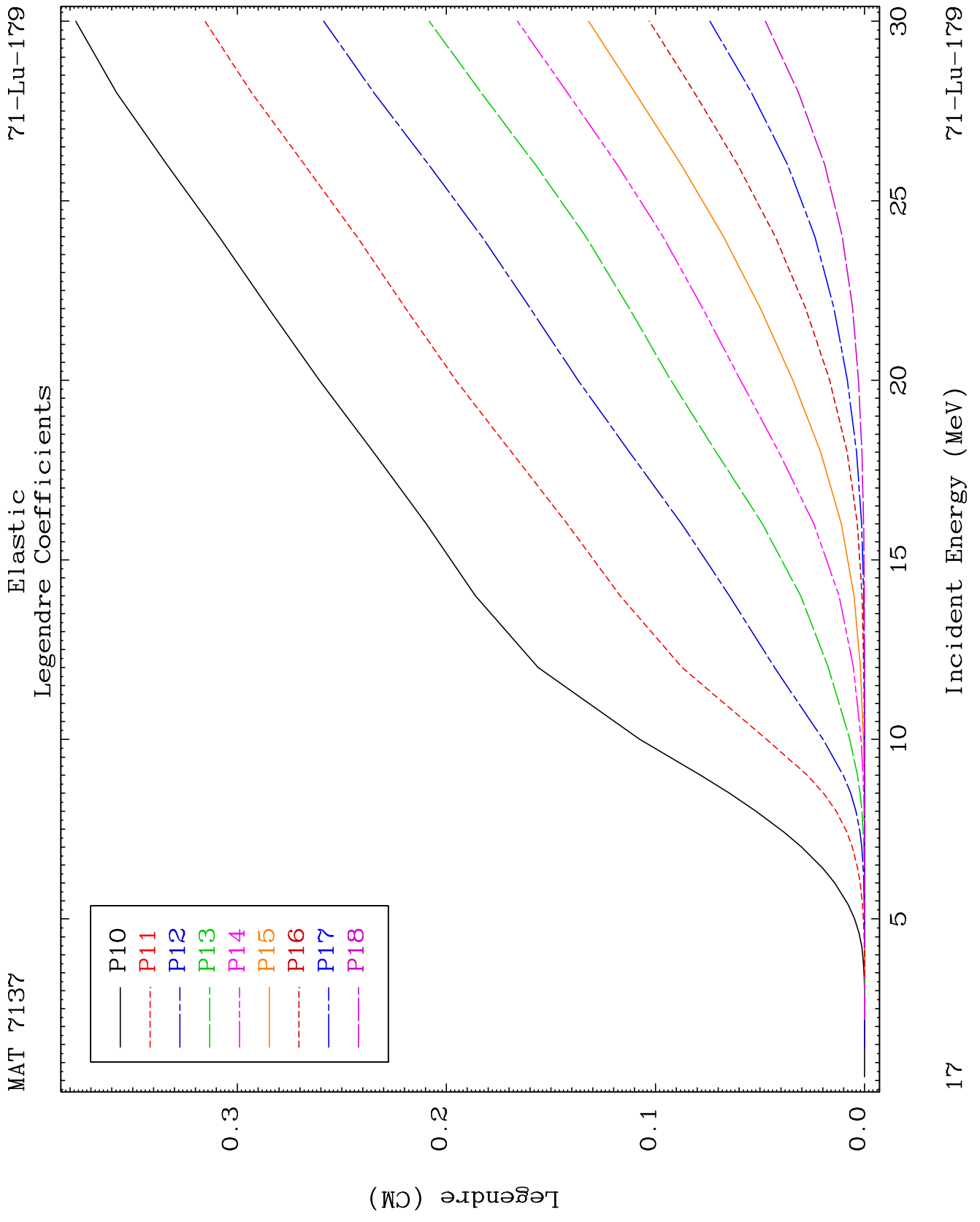
Elastic Legendre Coefficients



16

Incident Energy (MeV)

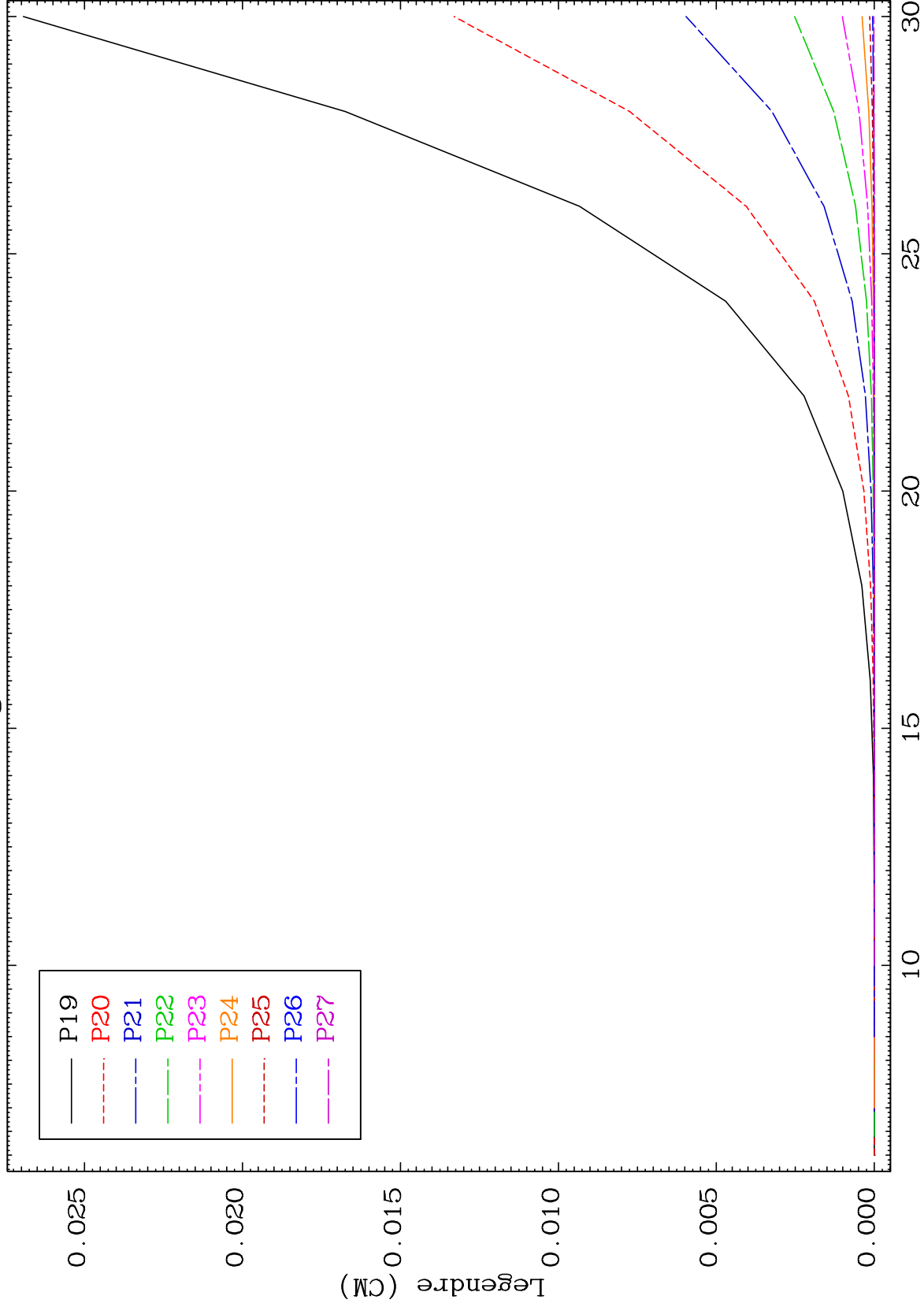
71-Lu-179



MAT 7137

Elastic Legendre Coefficients

71-Lu-179



18

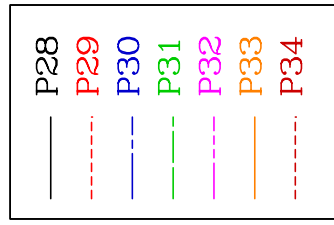
Incident Energy (MeV)

71-Lu-179

MAT 7137

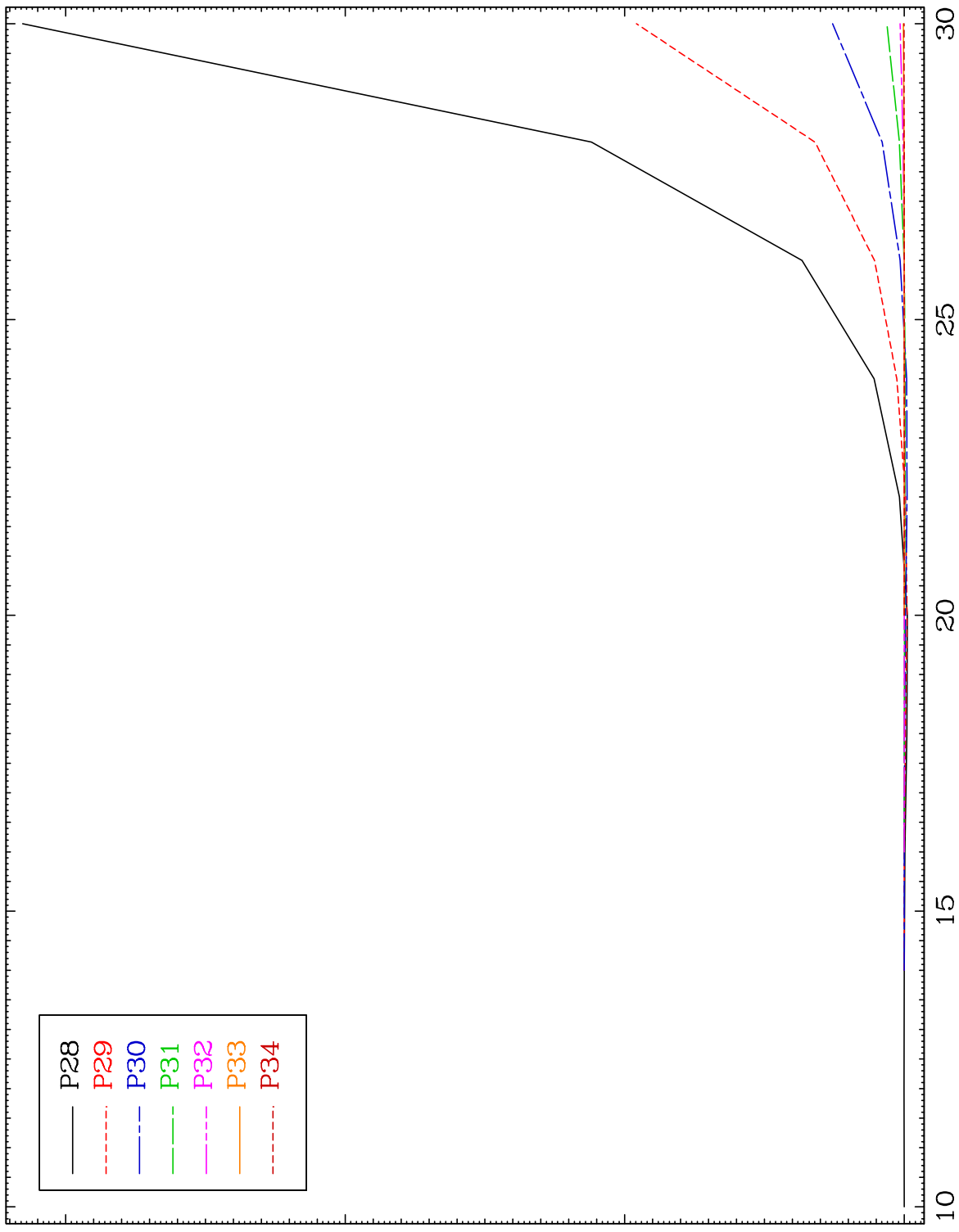
Elastic Legendre Coefficients

71-Lu-179



$\times 10^{-66}$

Legendre (CM)



10

15

20

25

30

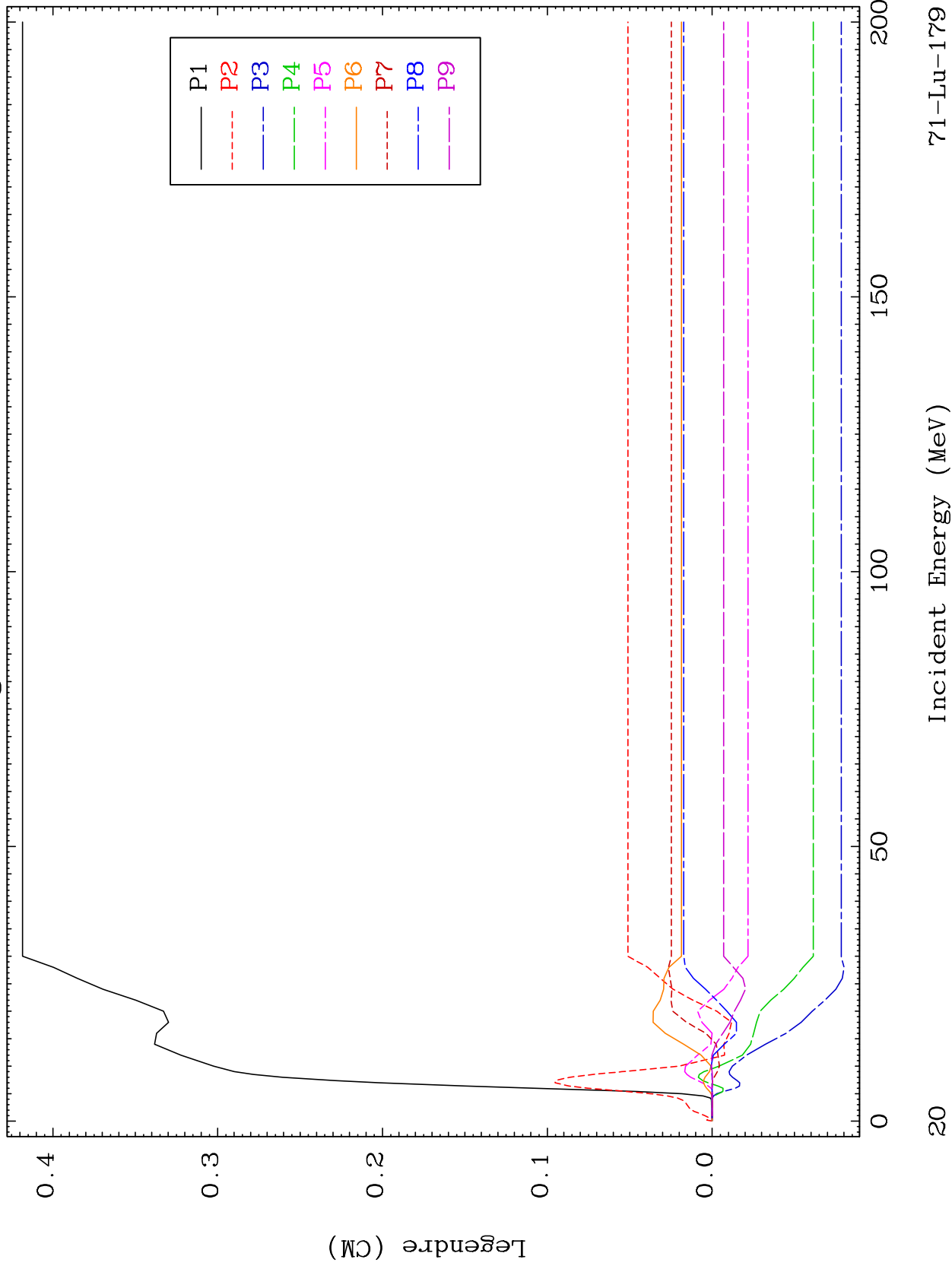
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

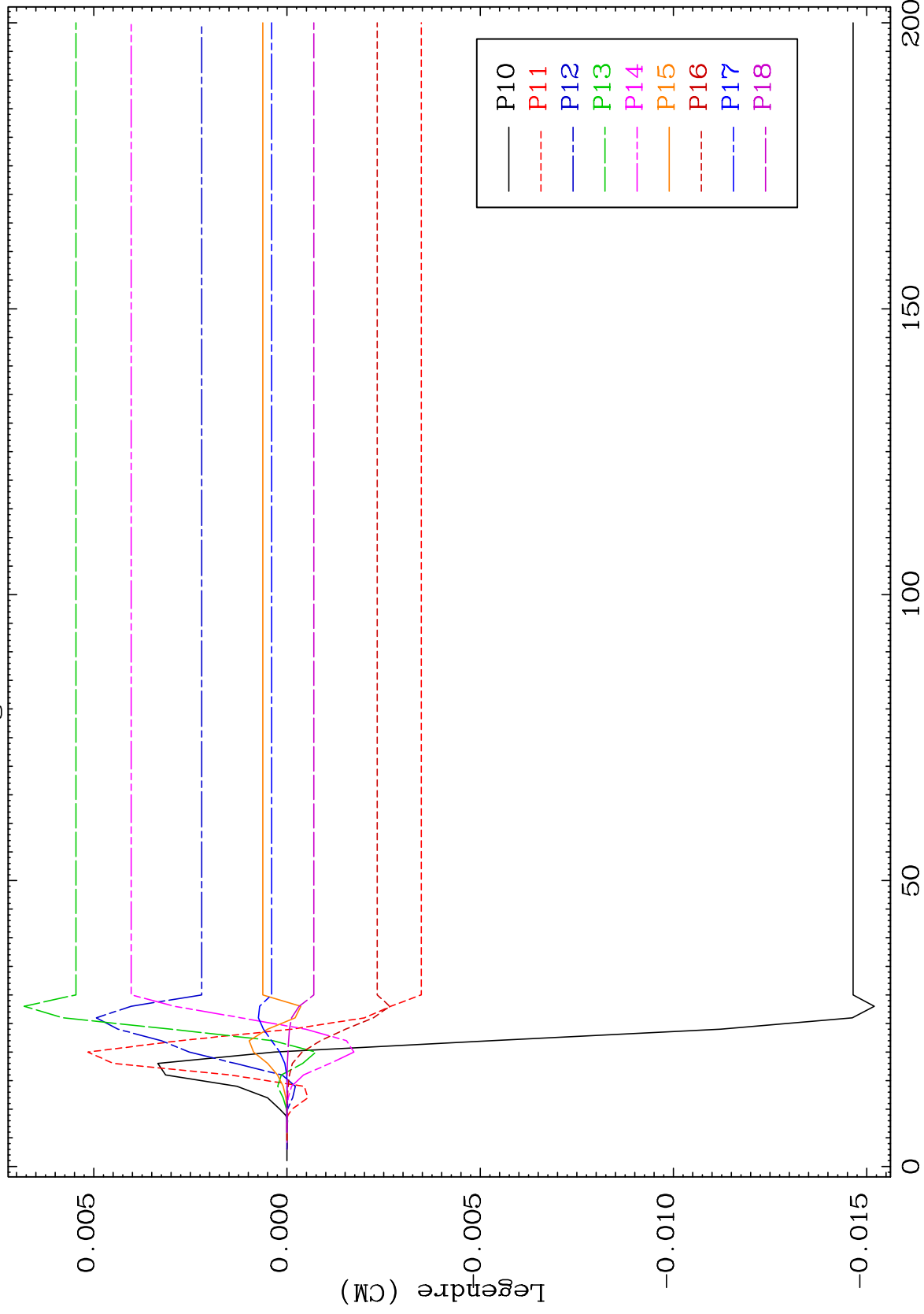
Incident Energy (MeV)

20

MAT 7137

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

71-Lu-179



21

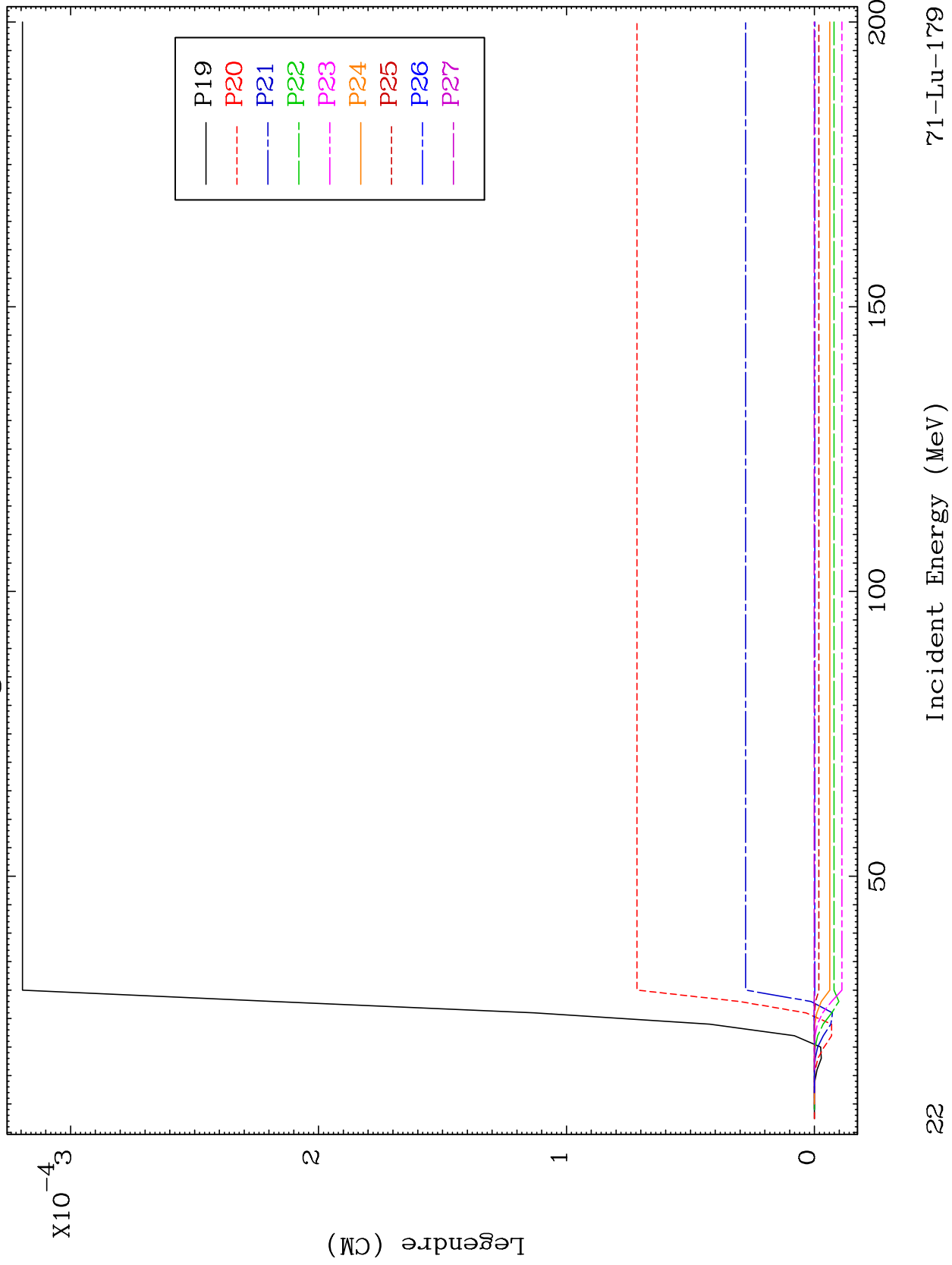
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



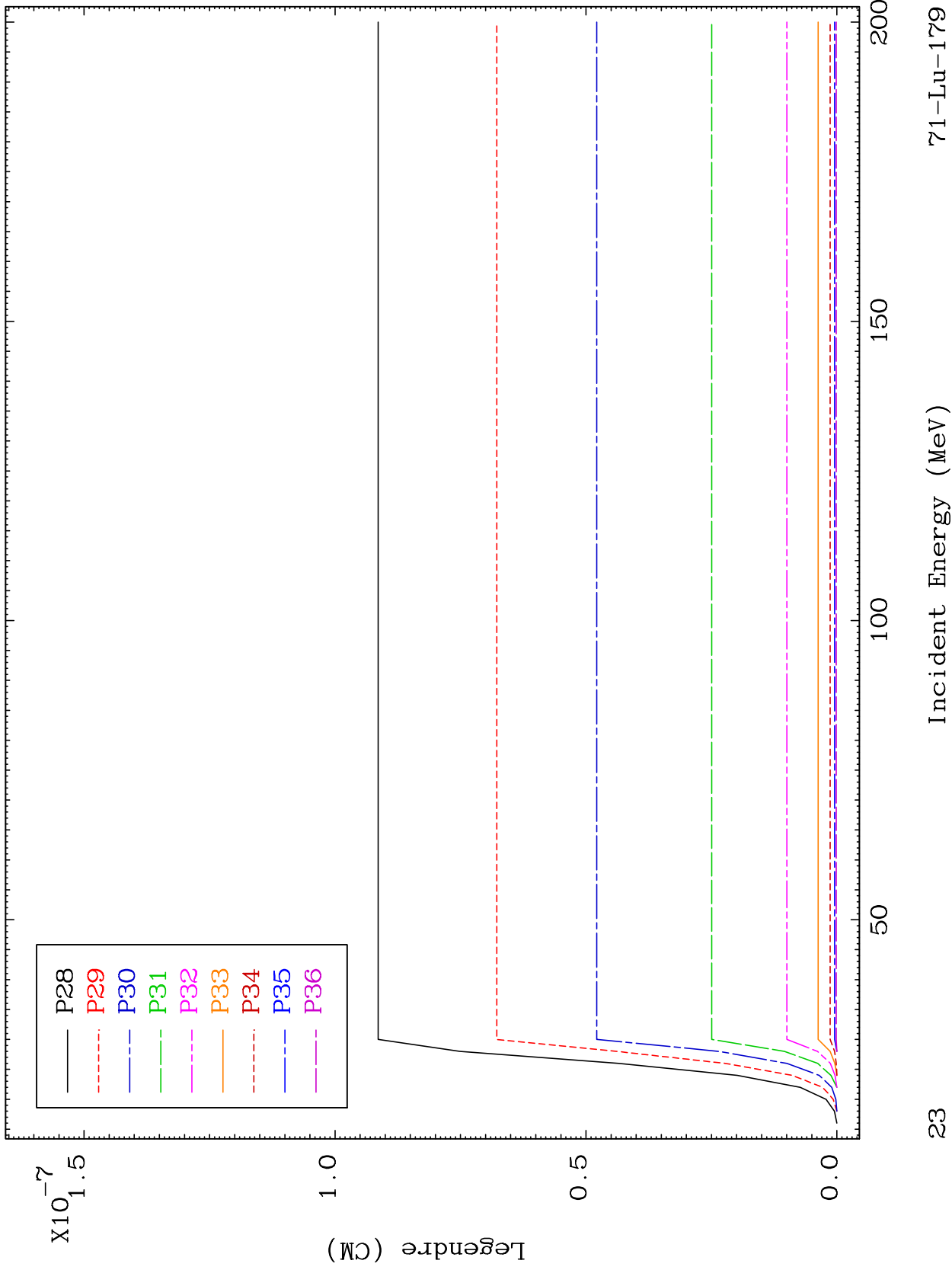
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71-Lu-179

MAT 7137

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

71-Lu-179



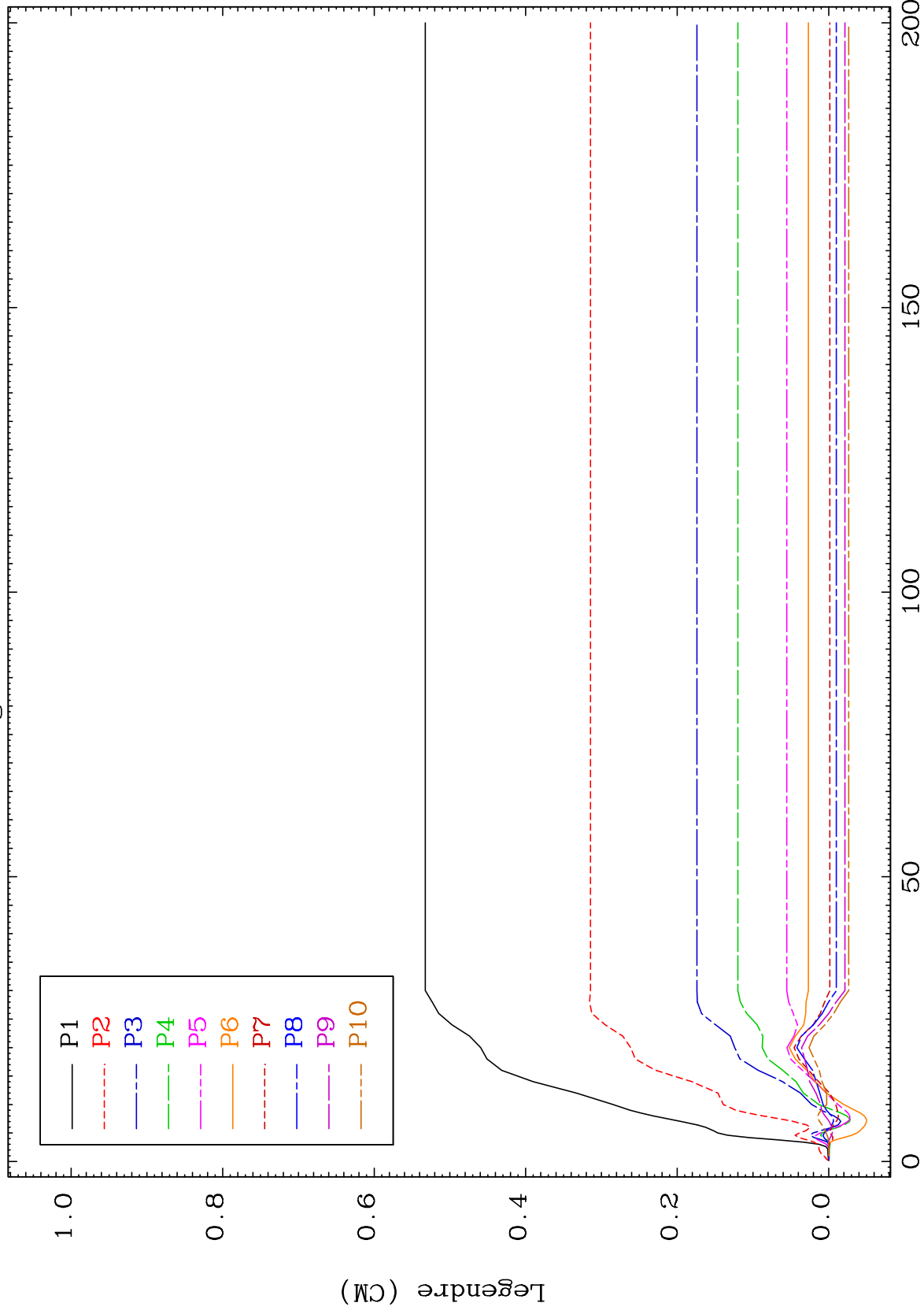
23

71-Lu-179

MAT 7137

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

71-Lu-179



24

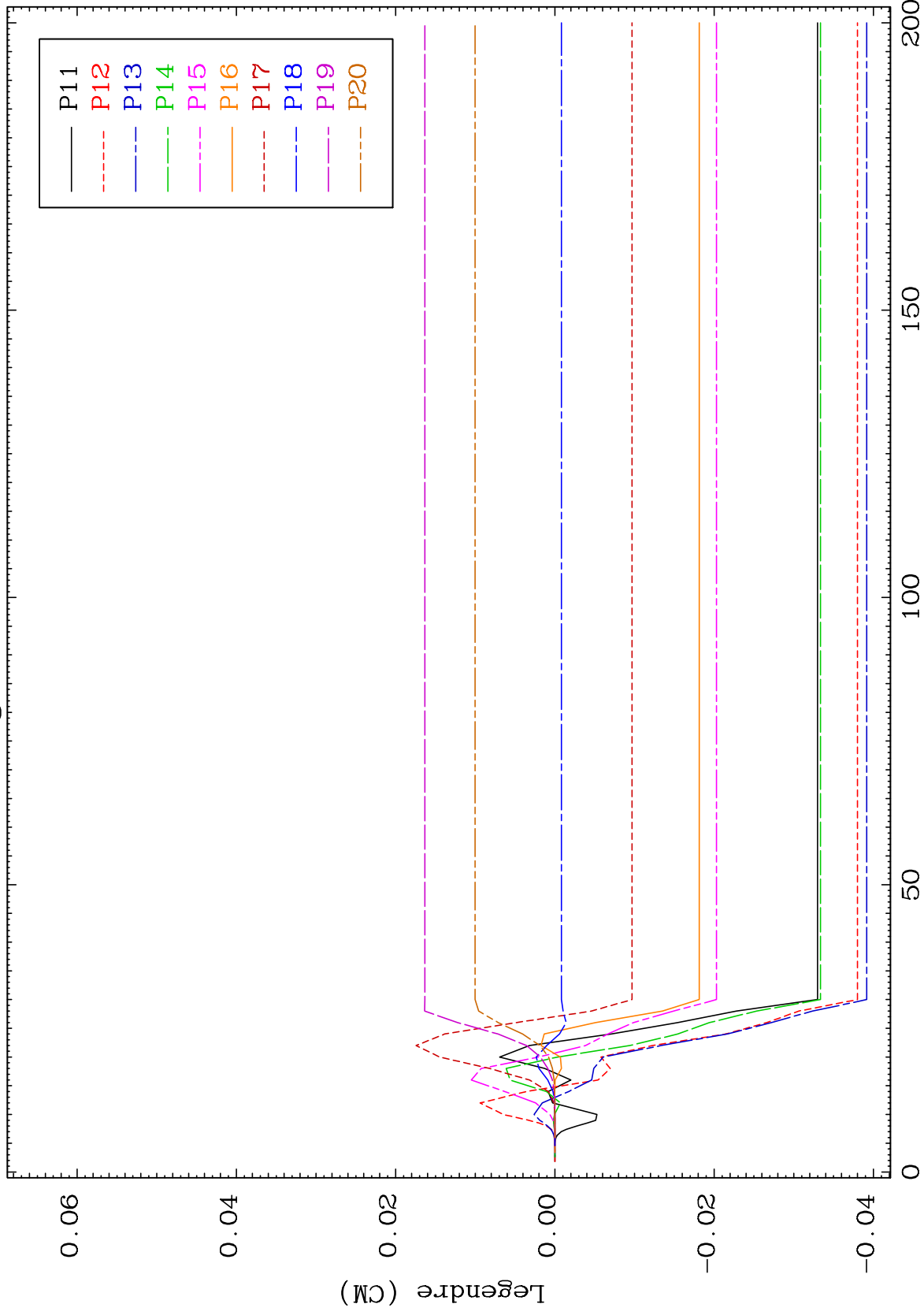
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



25

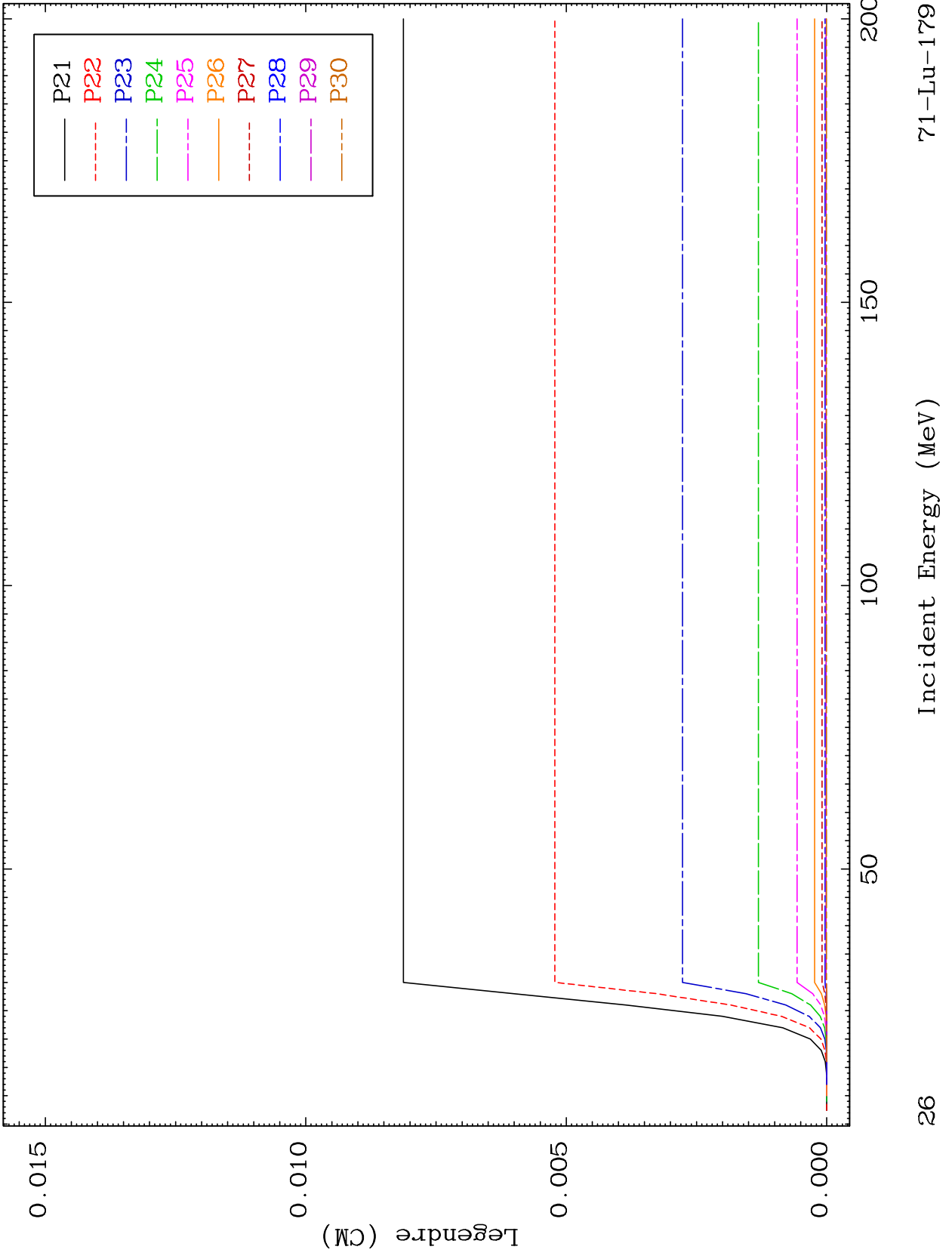
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



26

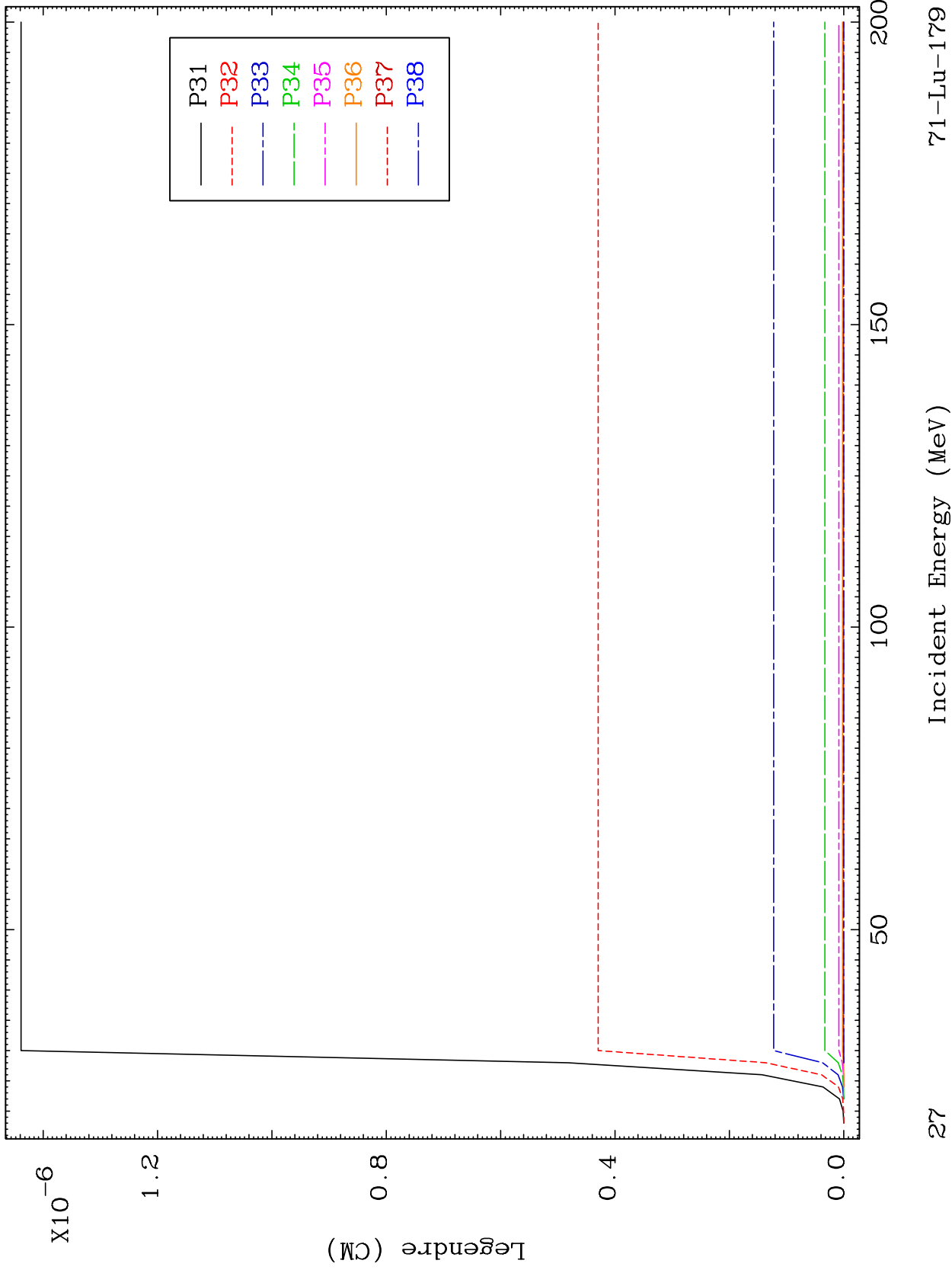
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



27

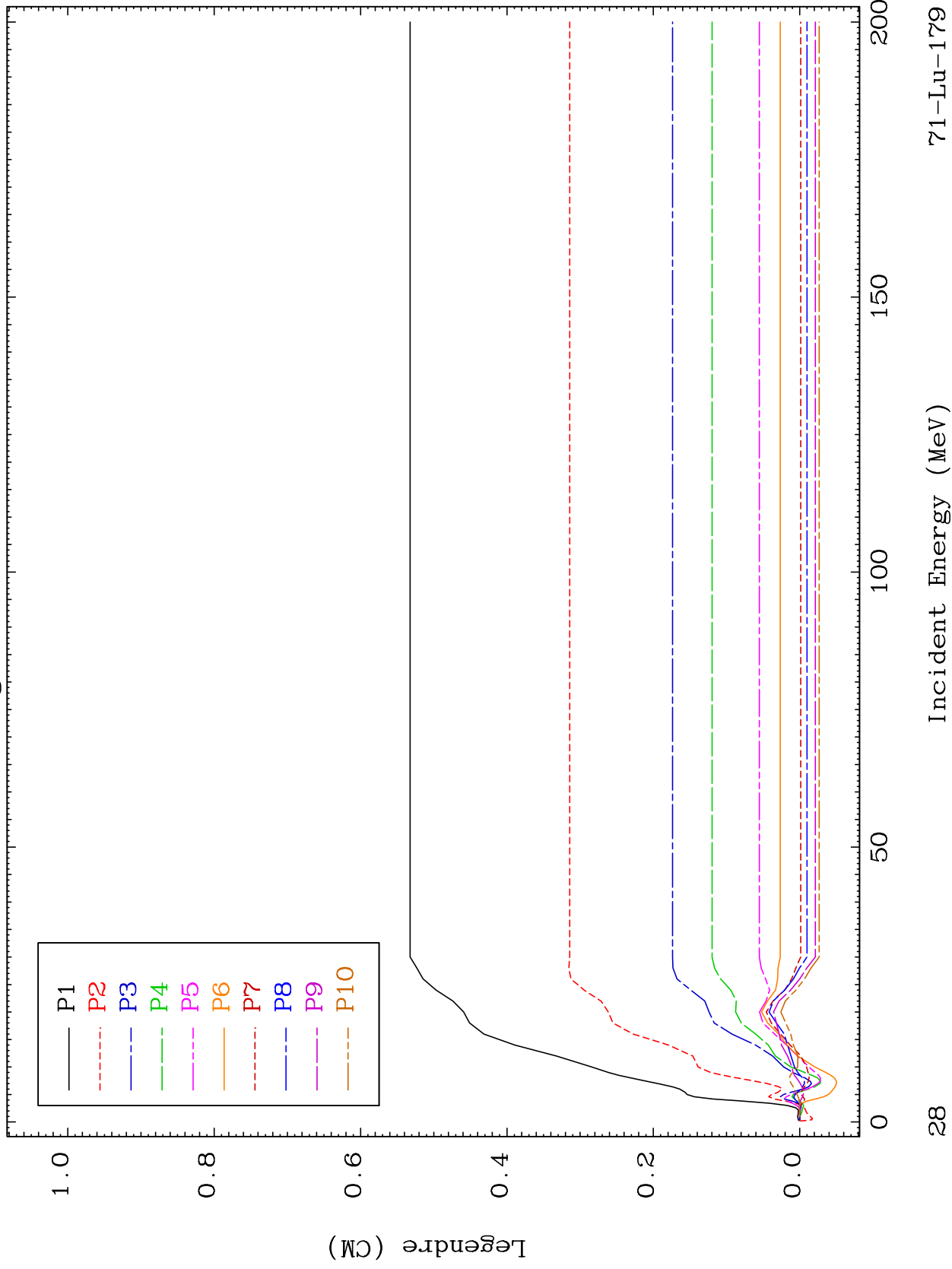
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

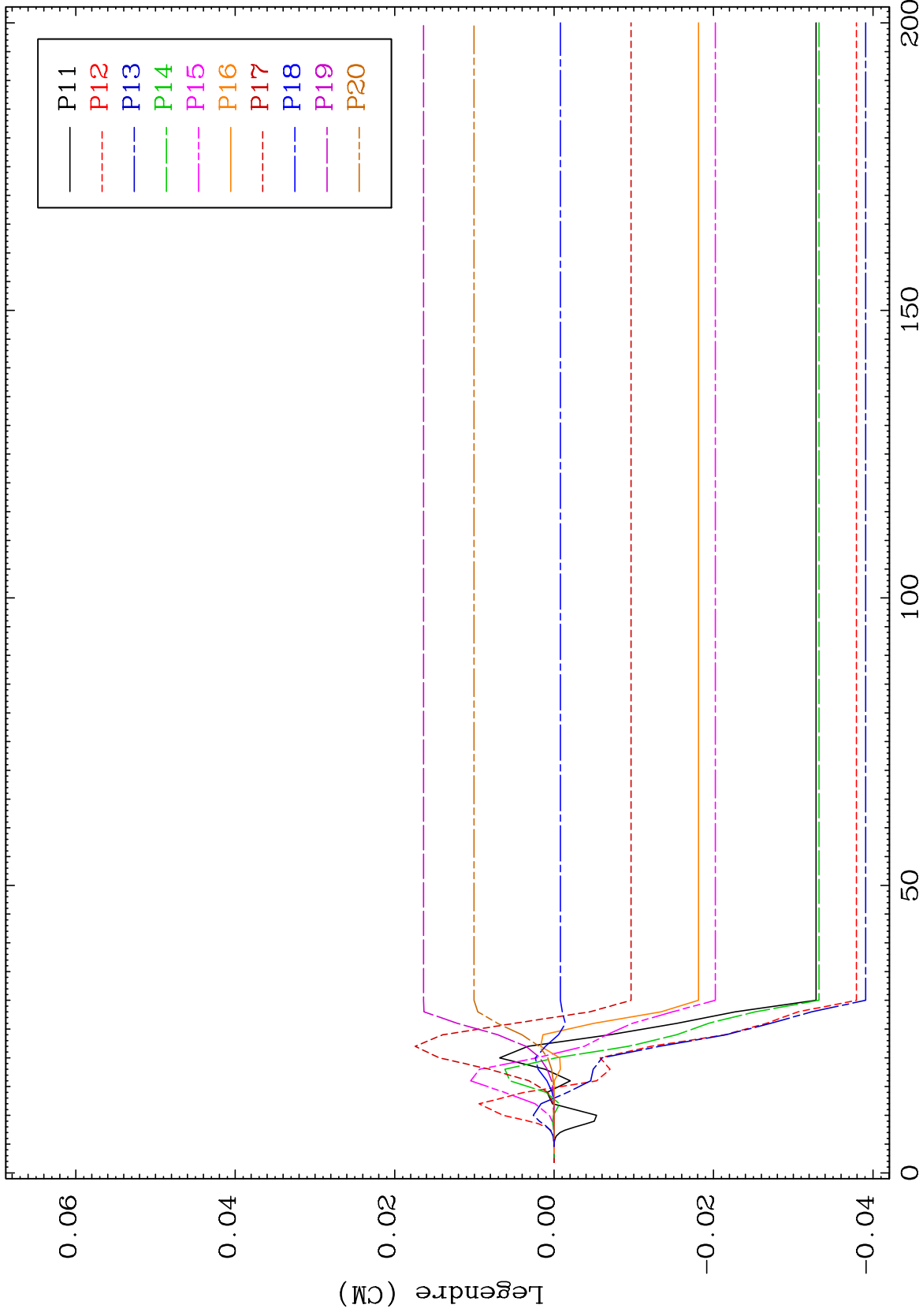
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MAT 7137

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

71-Lu-179



29

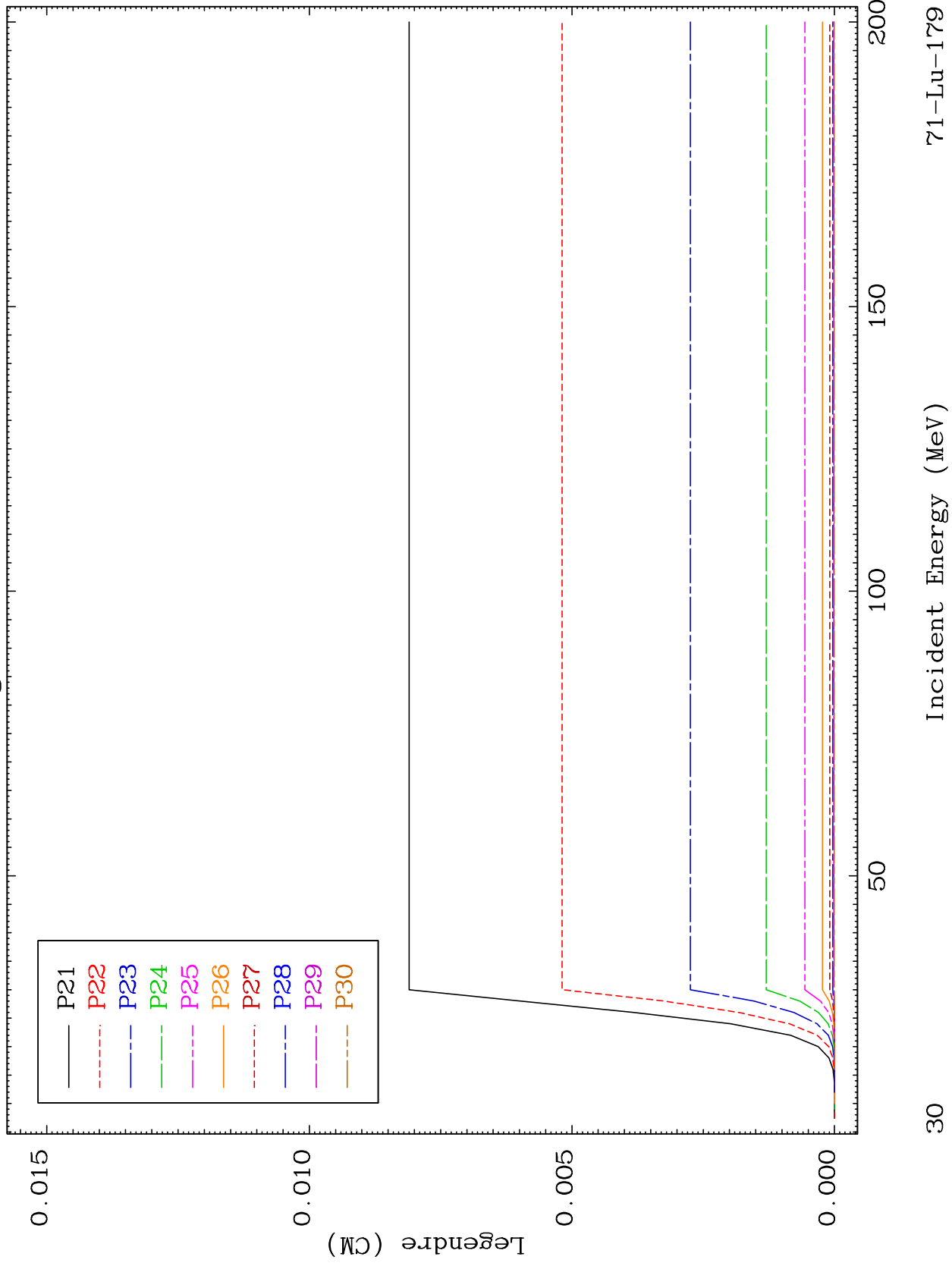
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



30

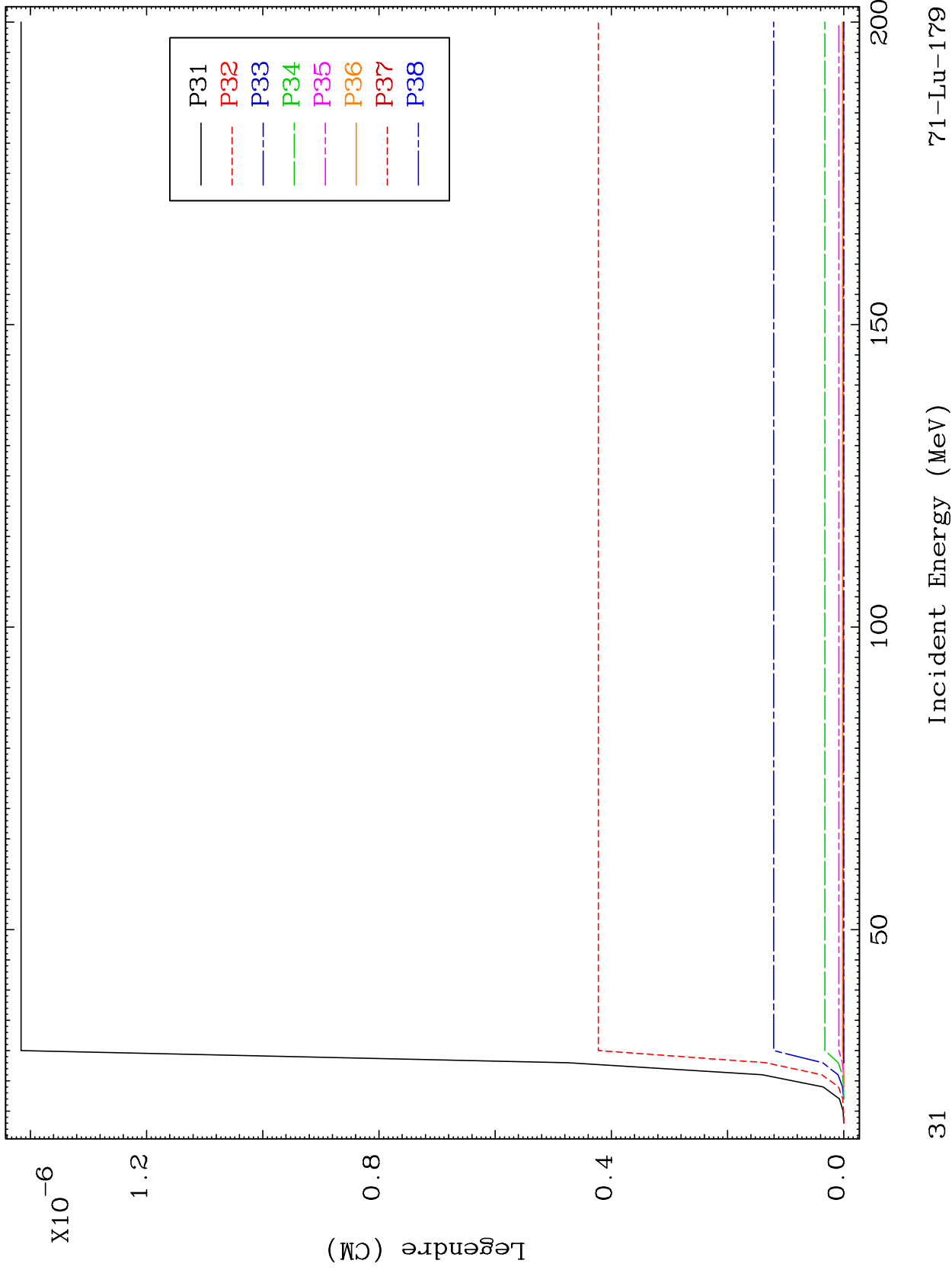
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

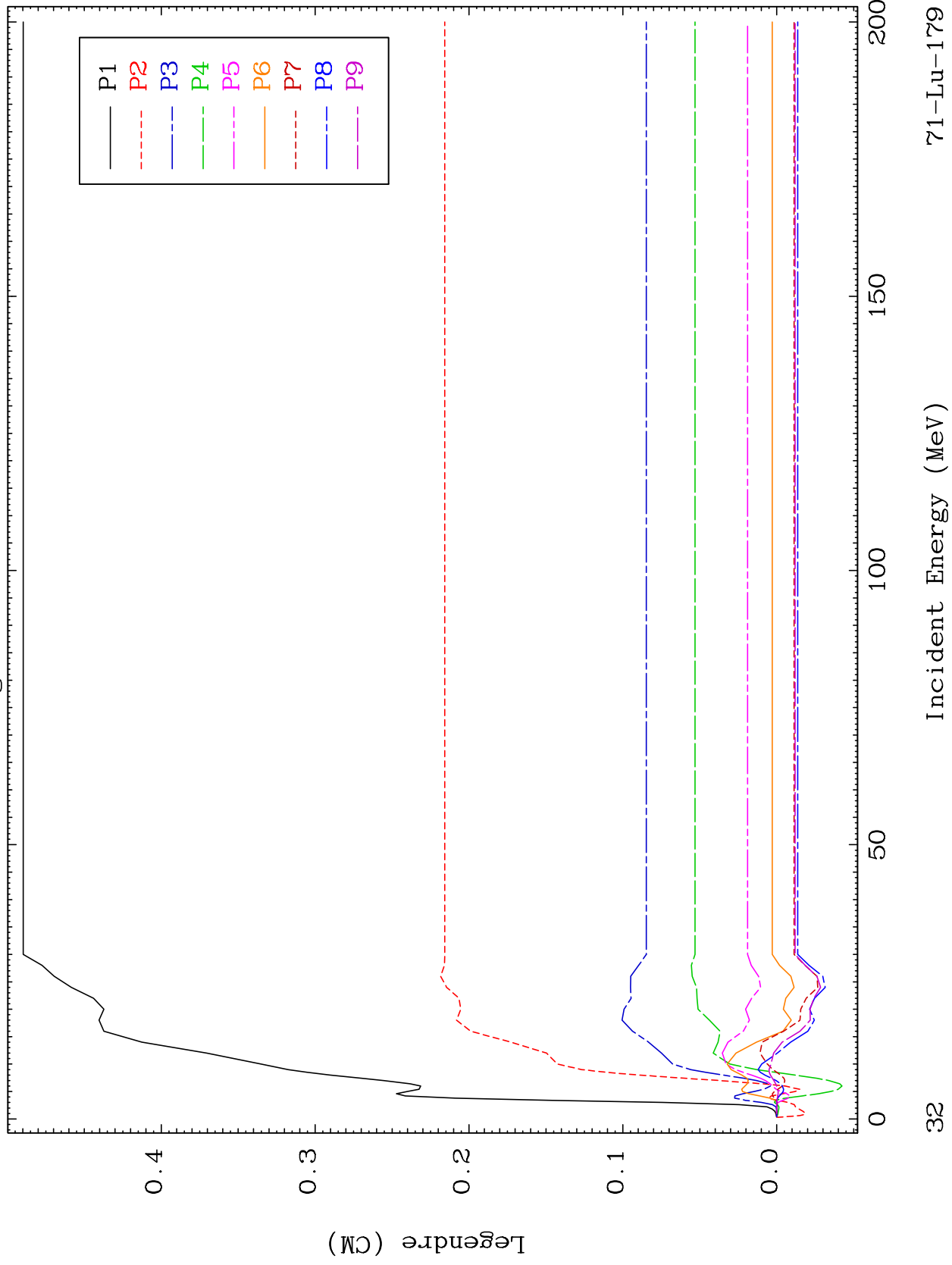
71-Lu-179



MAT 7137

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

71-Lu-179



71-Lu-179

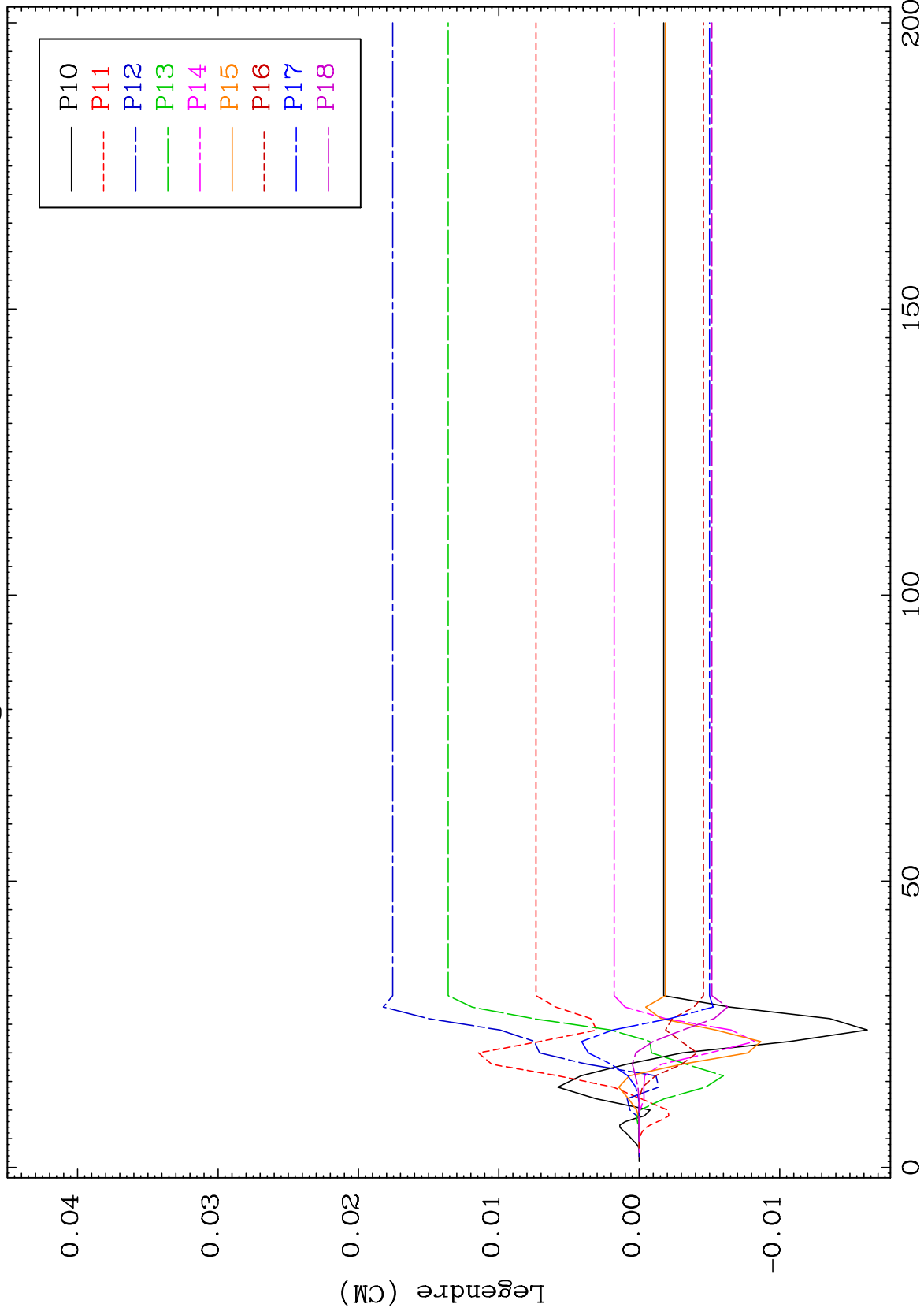
Incident Energy (MeV)

32

MAT 7137

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

71-Lu-179



33

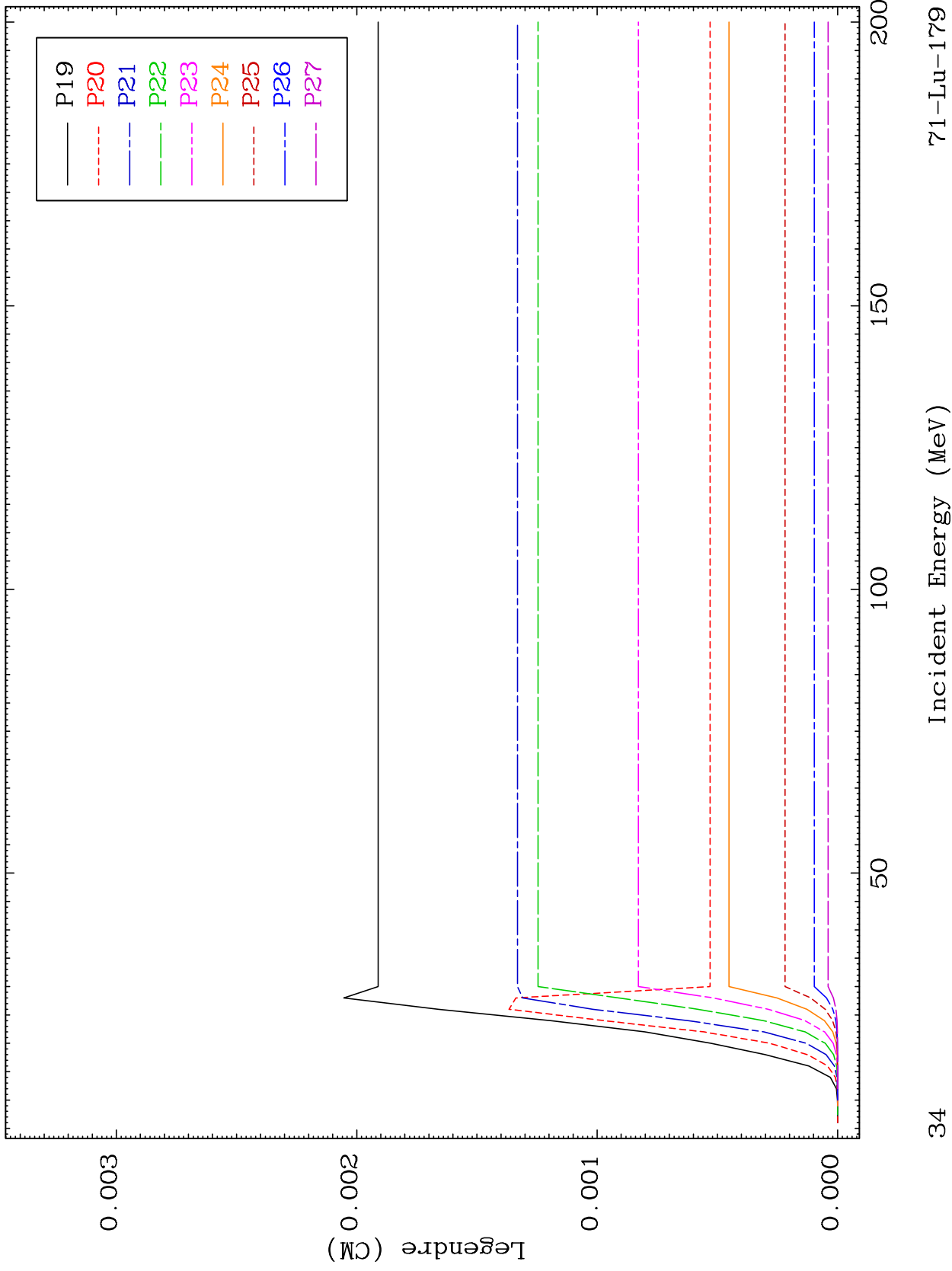
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



34

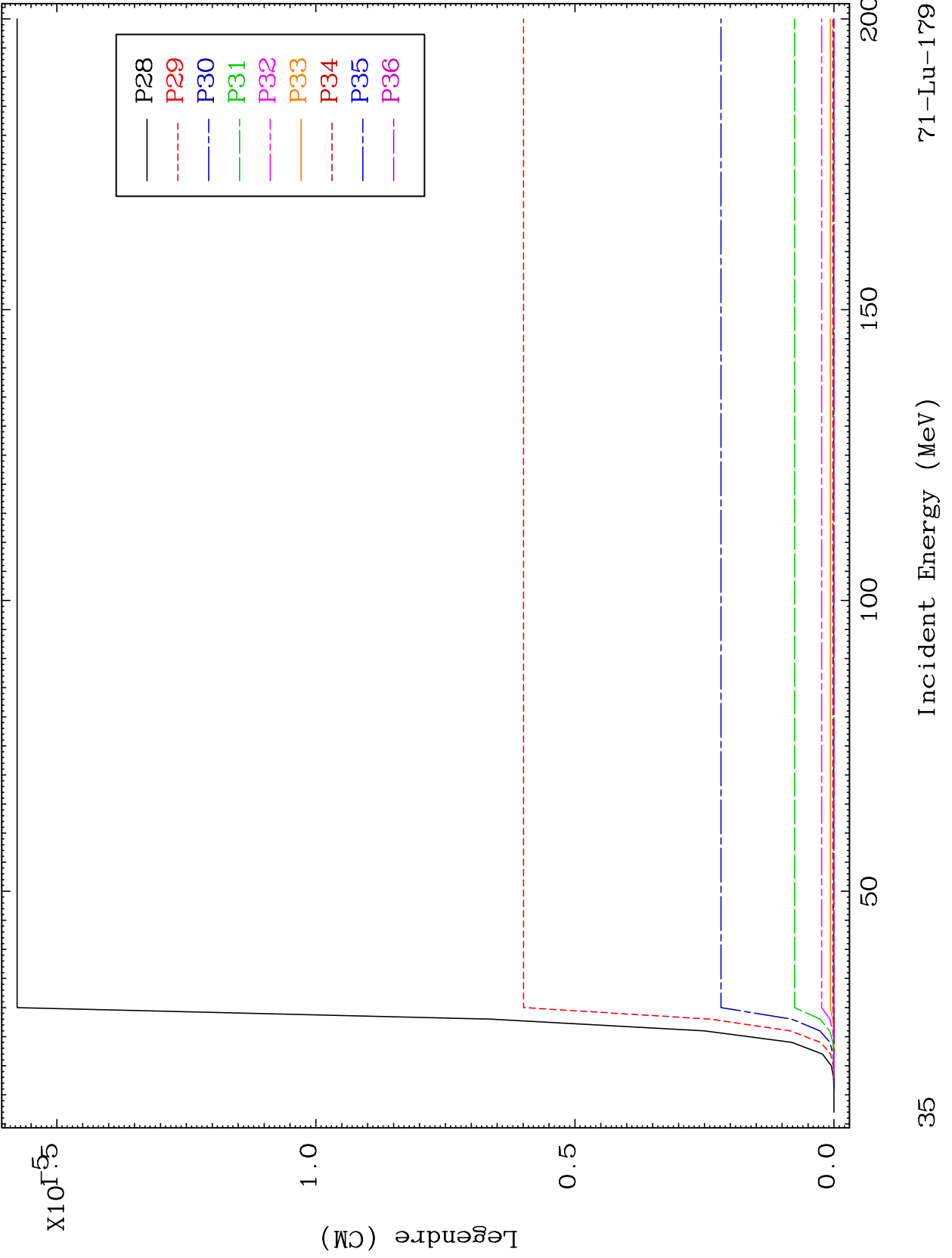
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



35

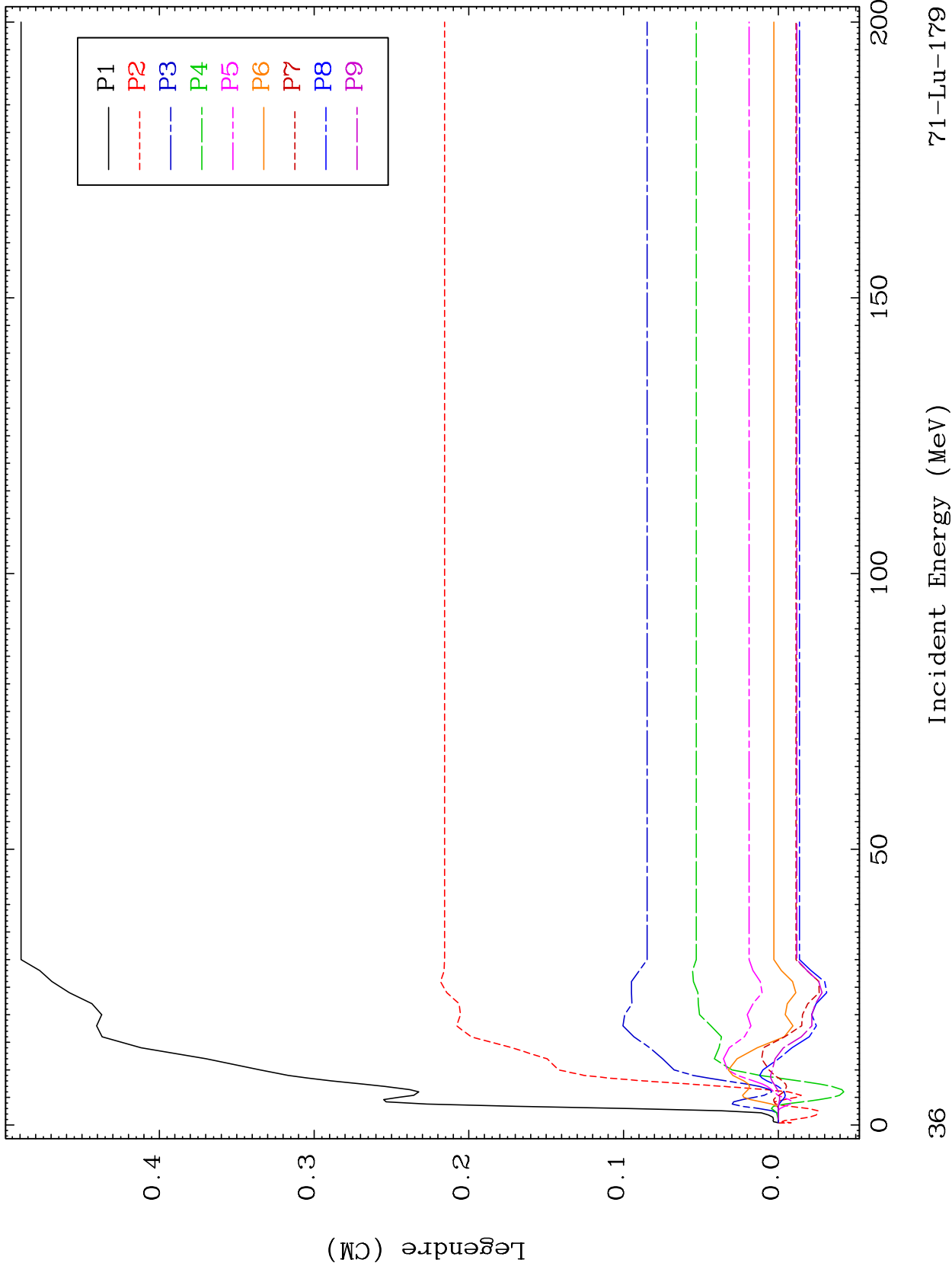
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

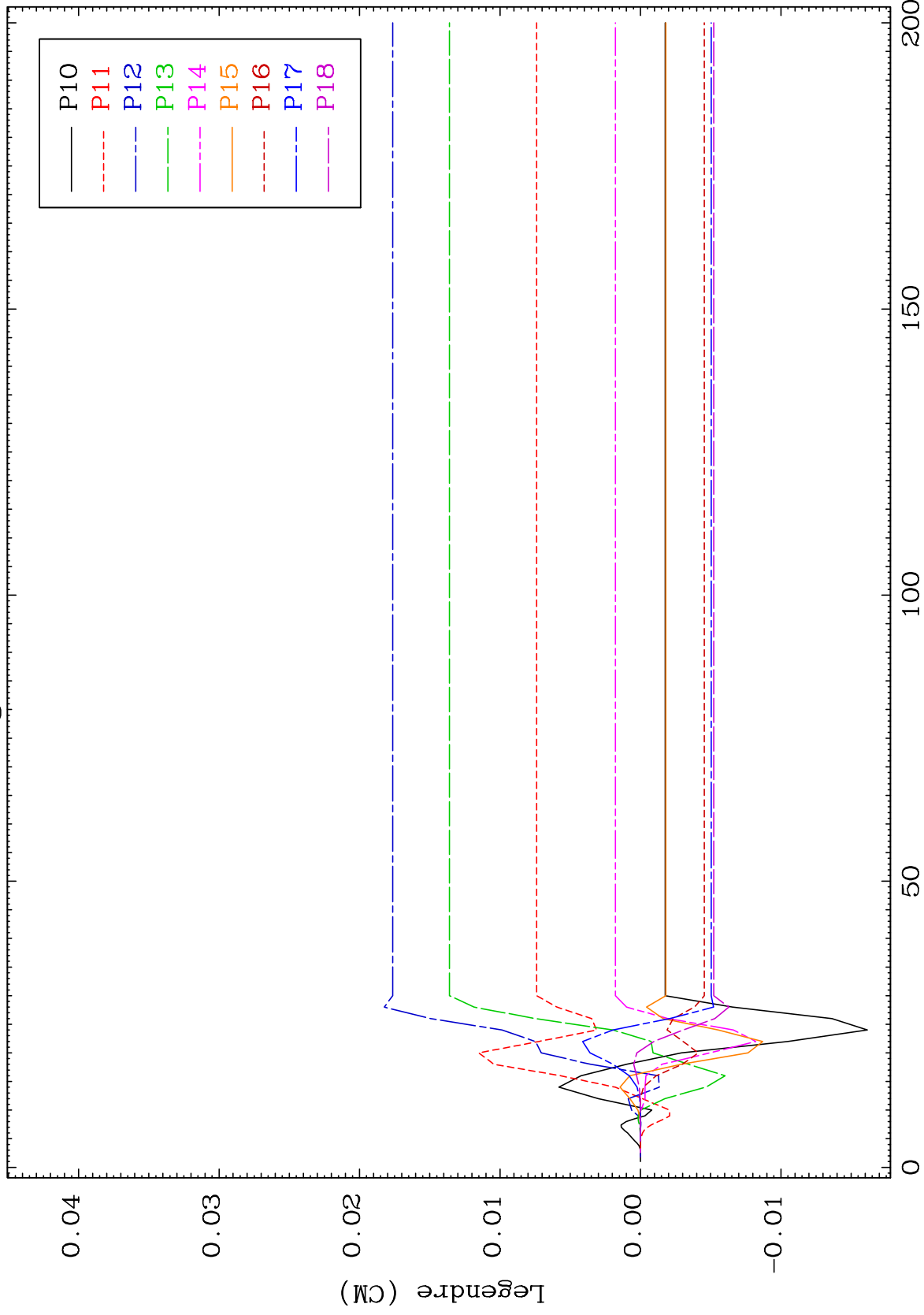
Incident Energy (MeV)

36

MAT 7137

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

71-Lu-179



37

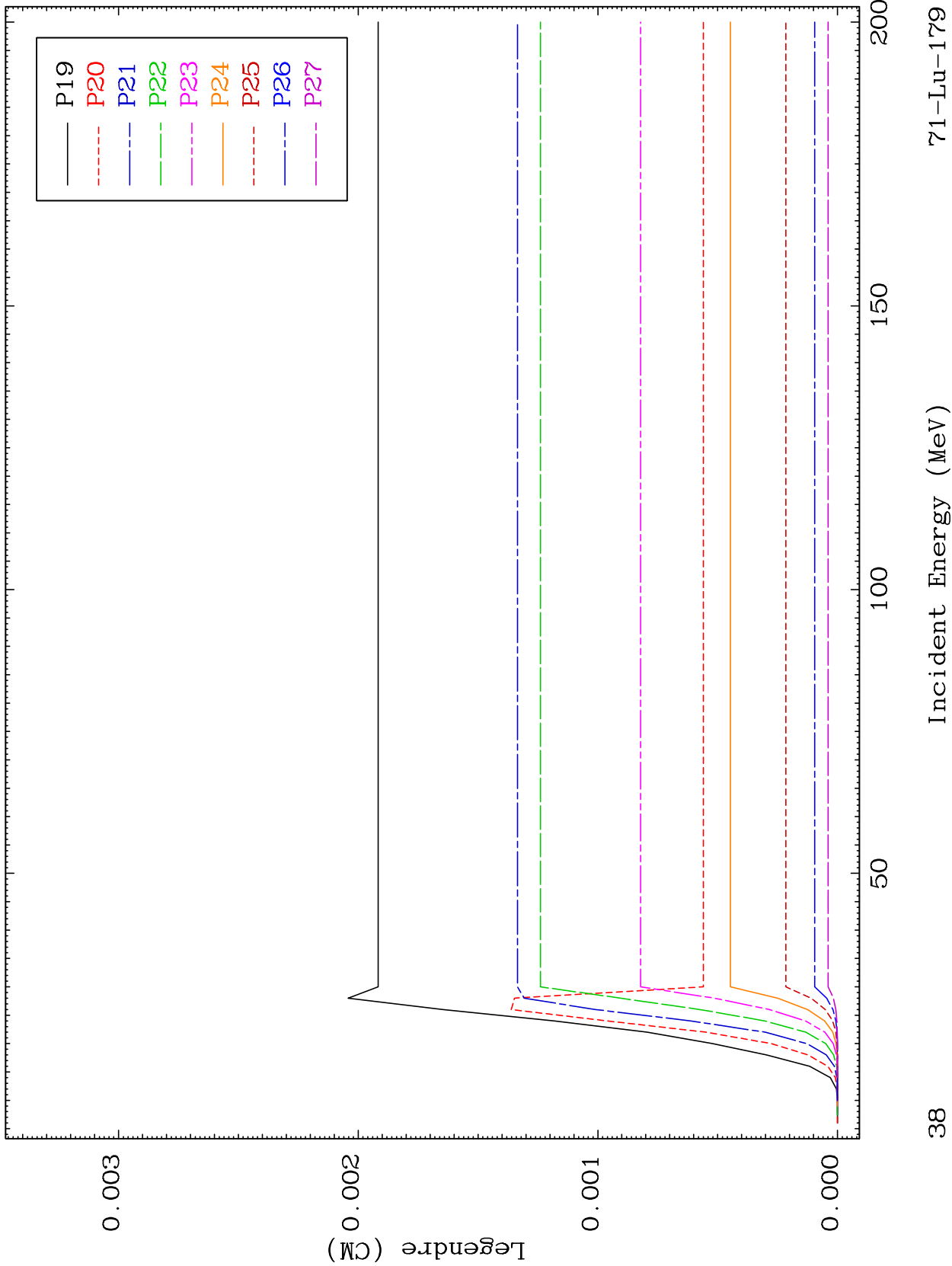
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



38

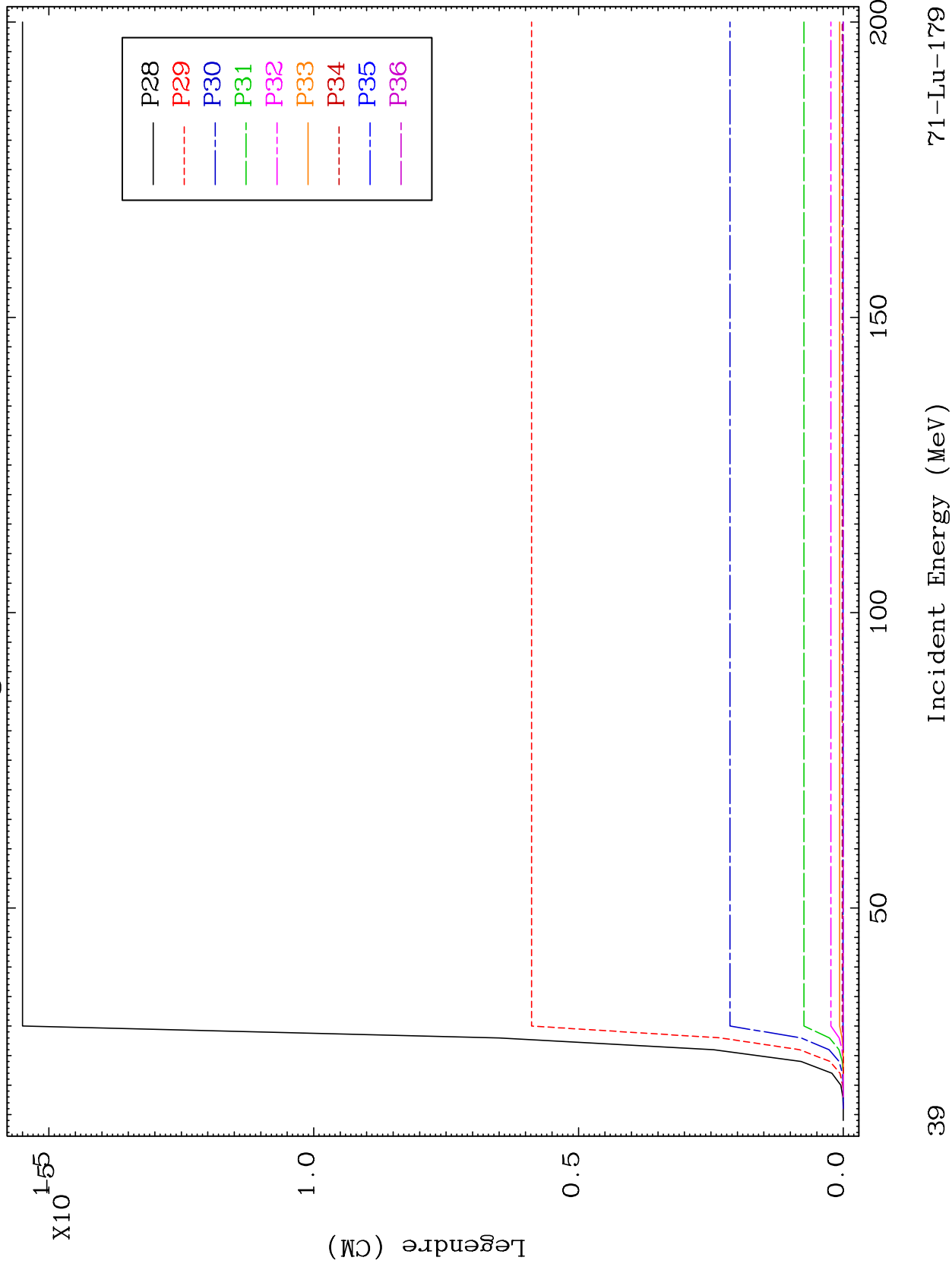
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179

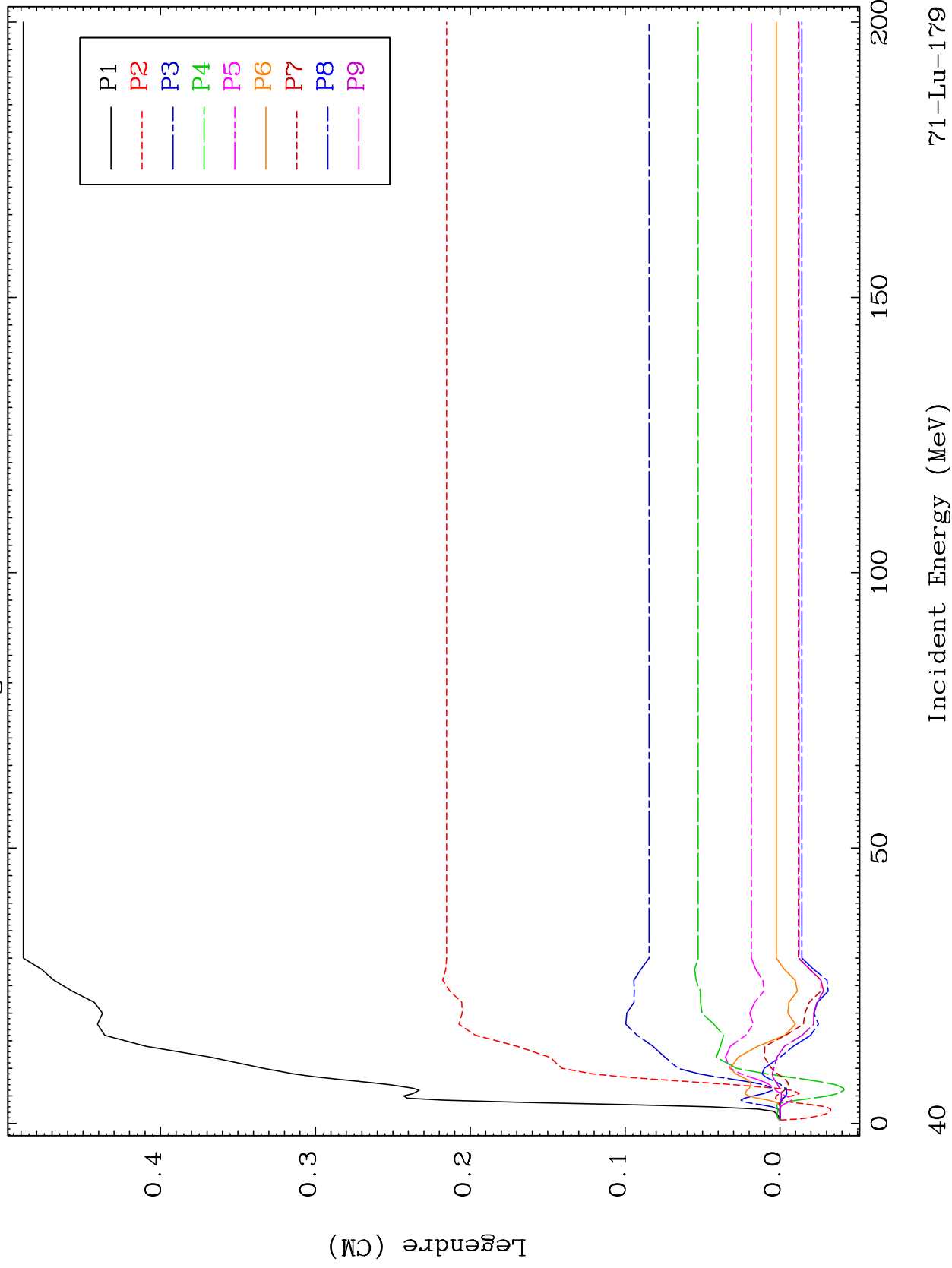


39

MAT 7137

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

71-Lu-179



71-Lu-179

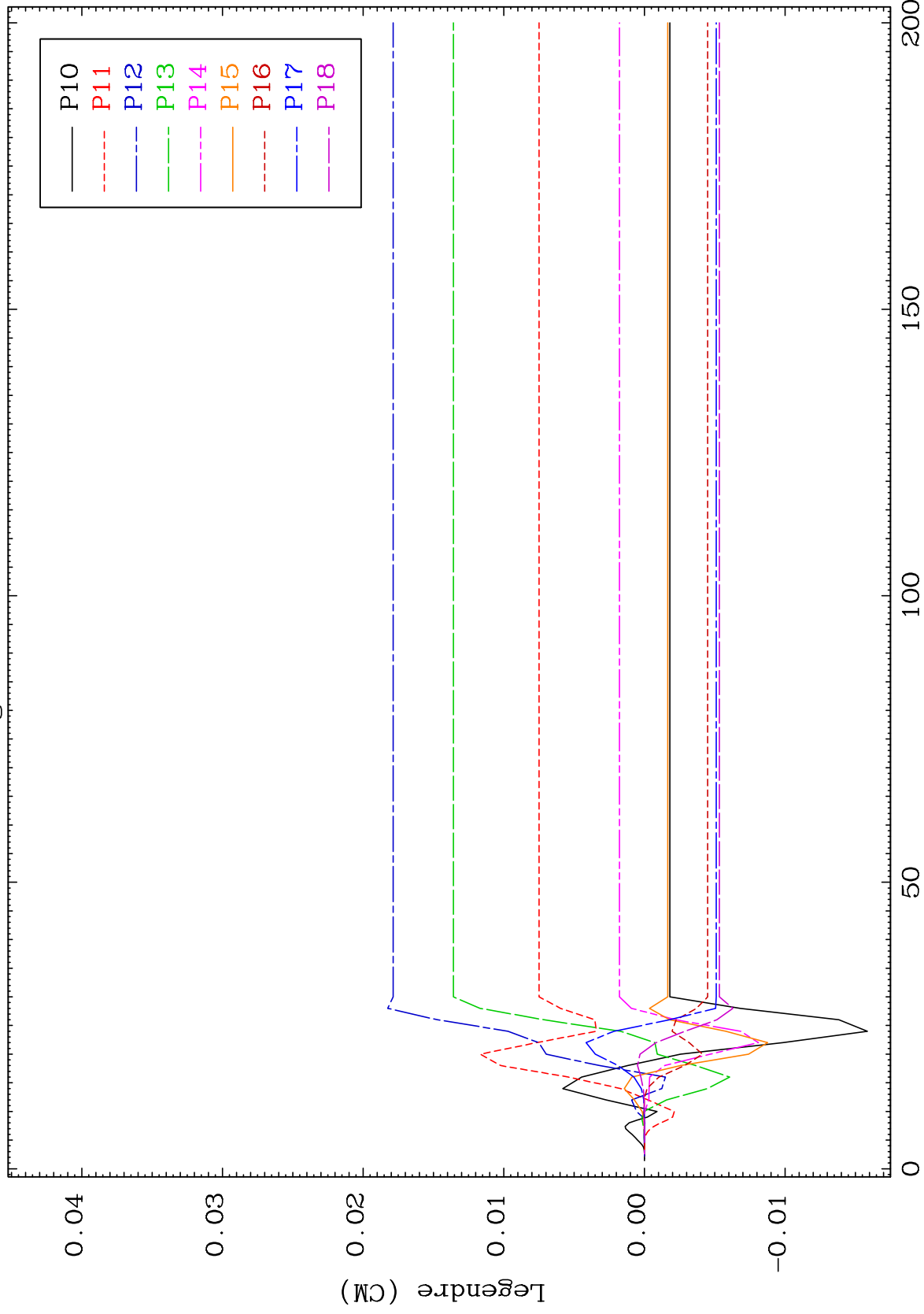
Incident Energy (MeV)

40

MAT 7137

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

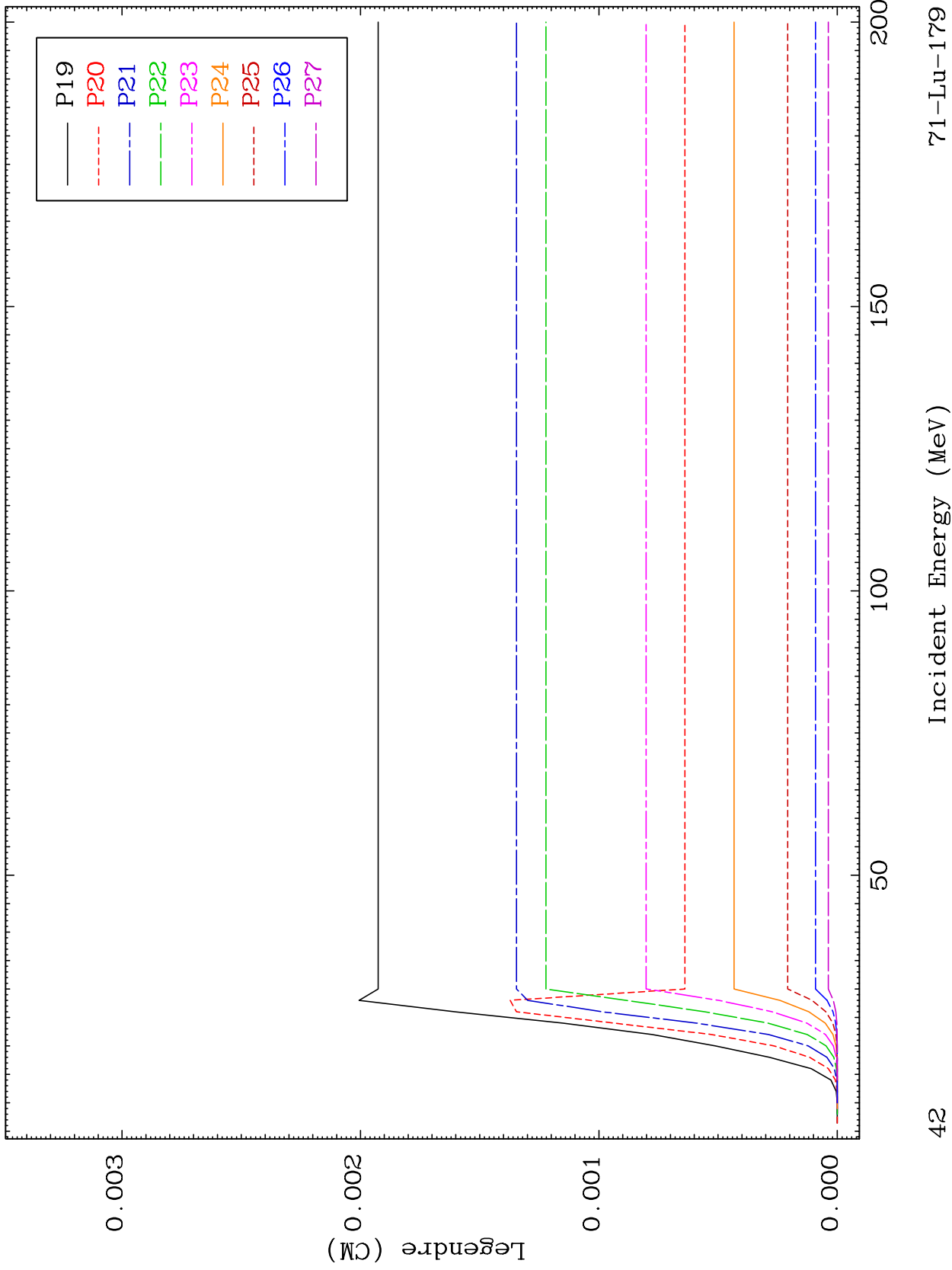
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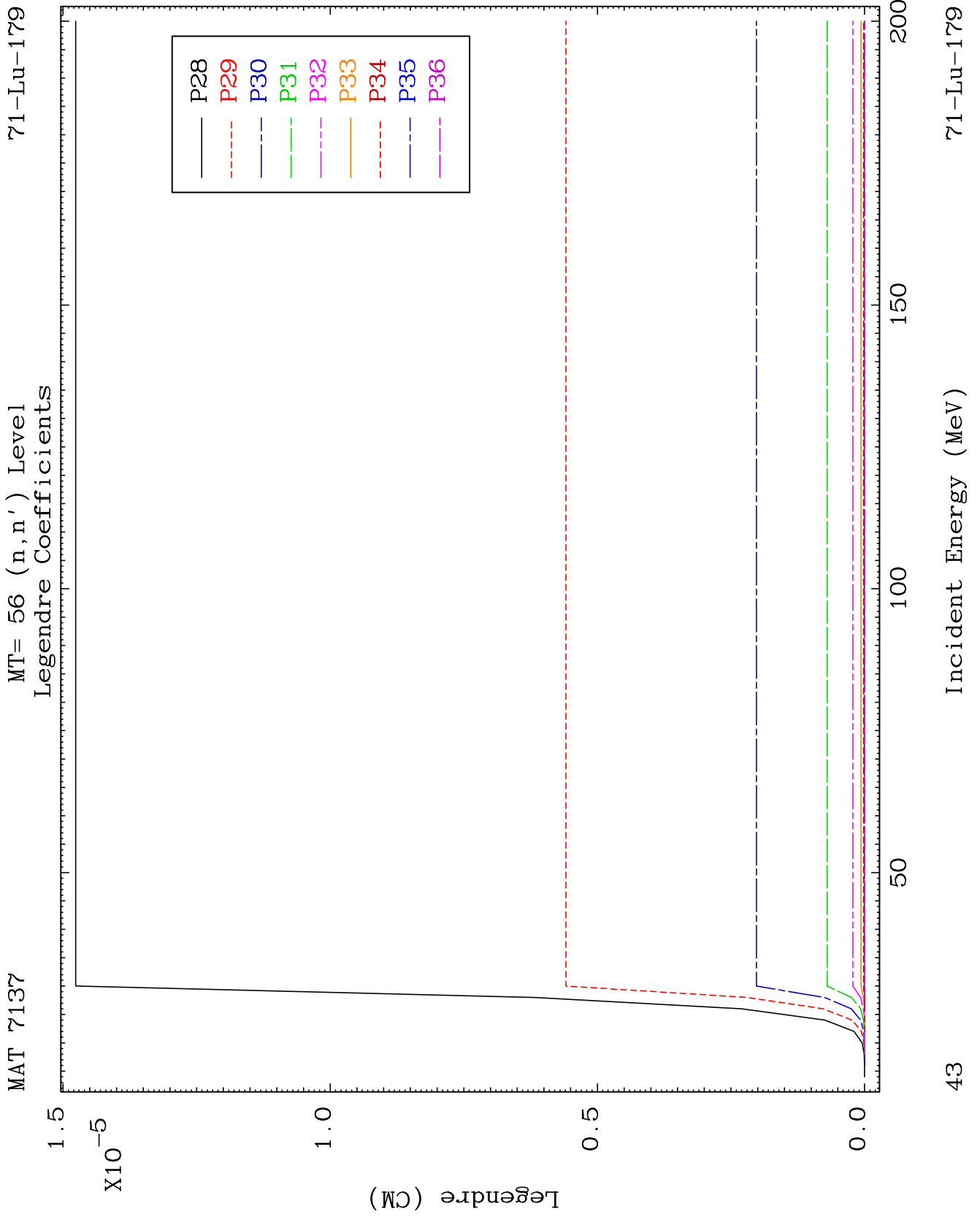


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Incident Energy (MeV)

71-Lu-179

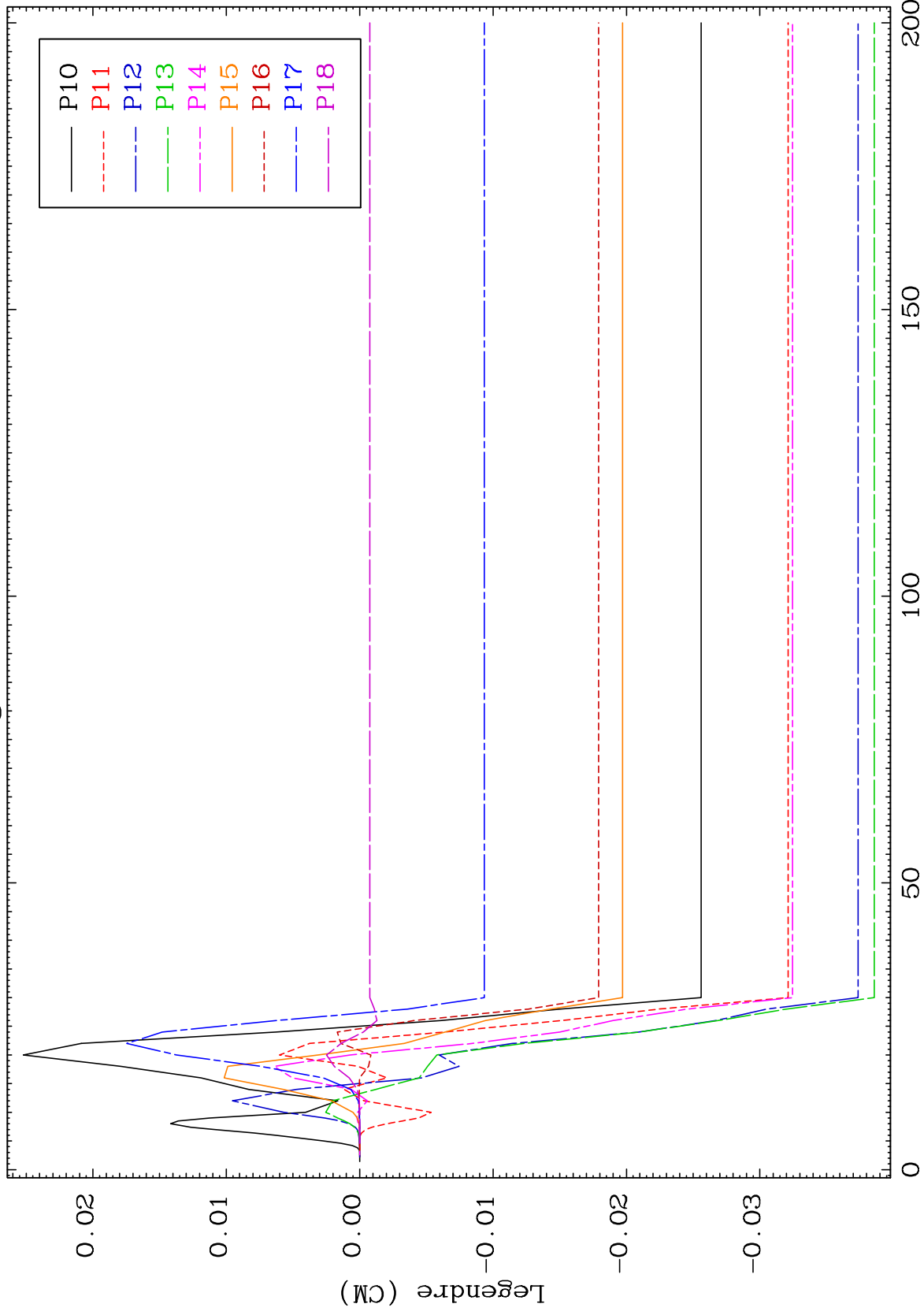




MAT 7137

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

71-Lu-179



45

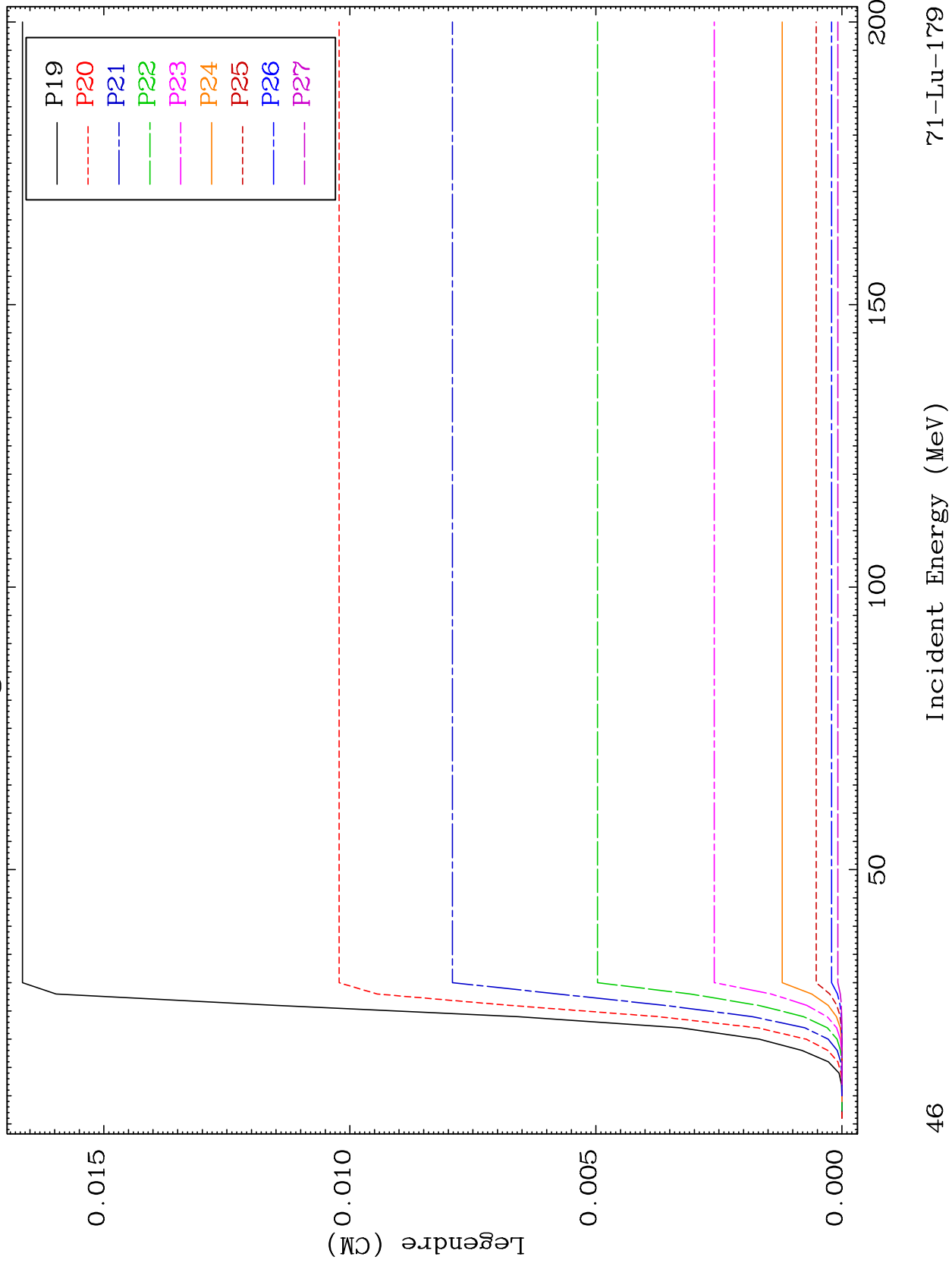
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



46

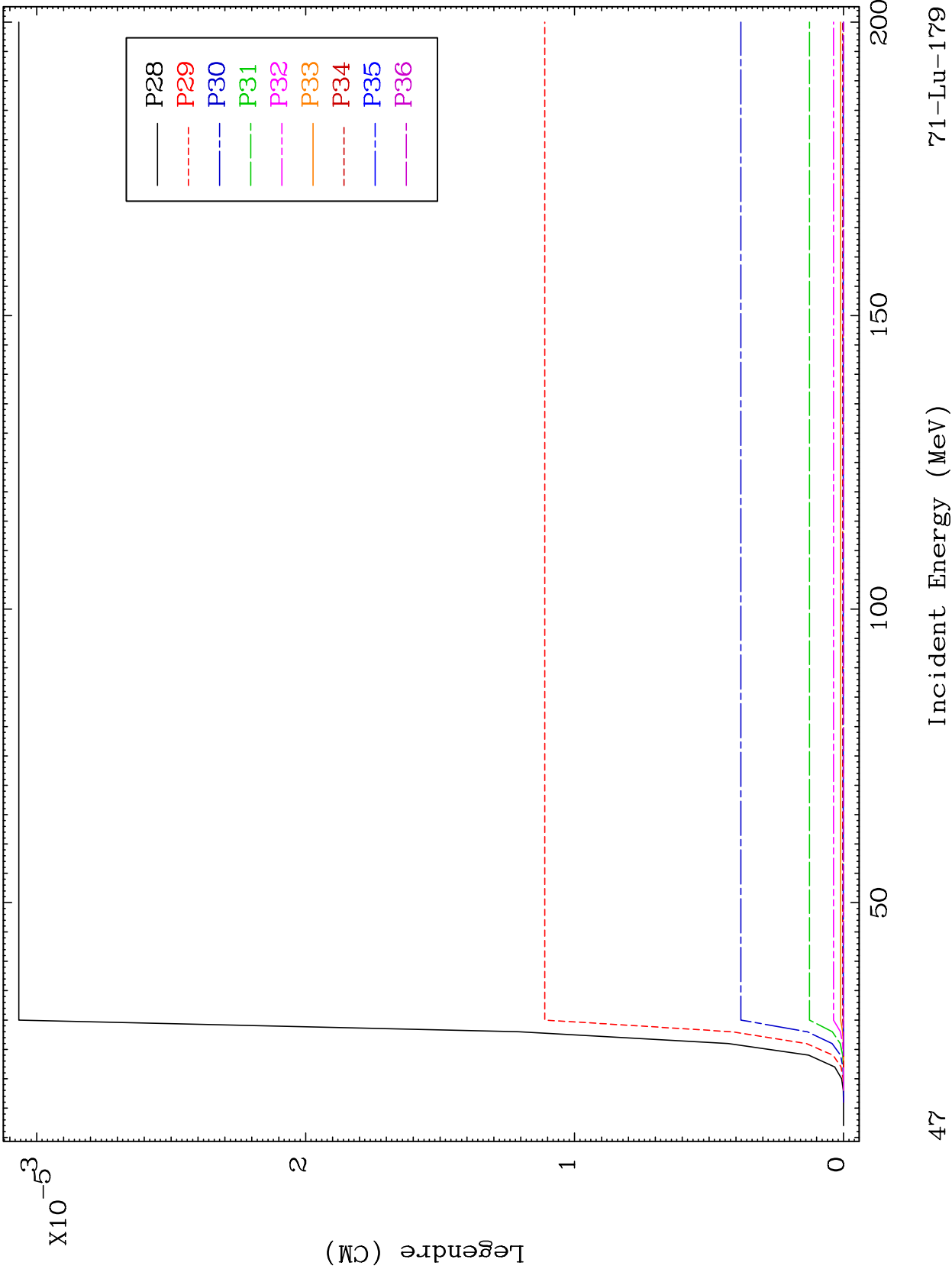
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

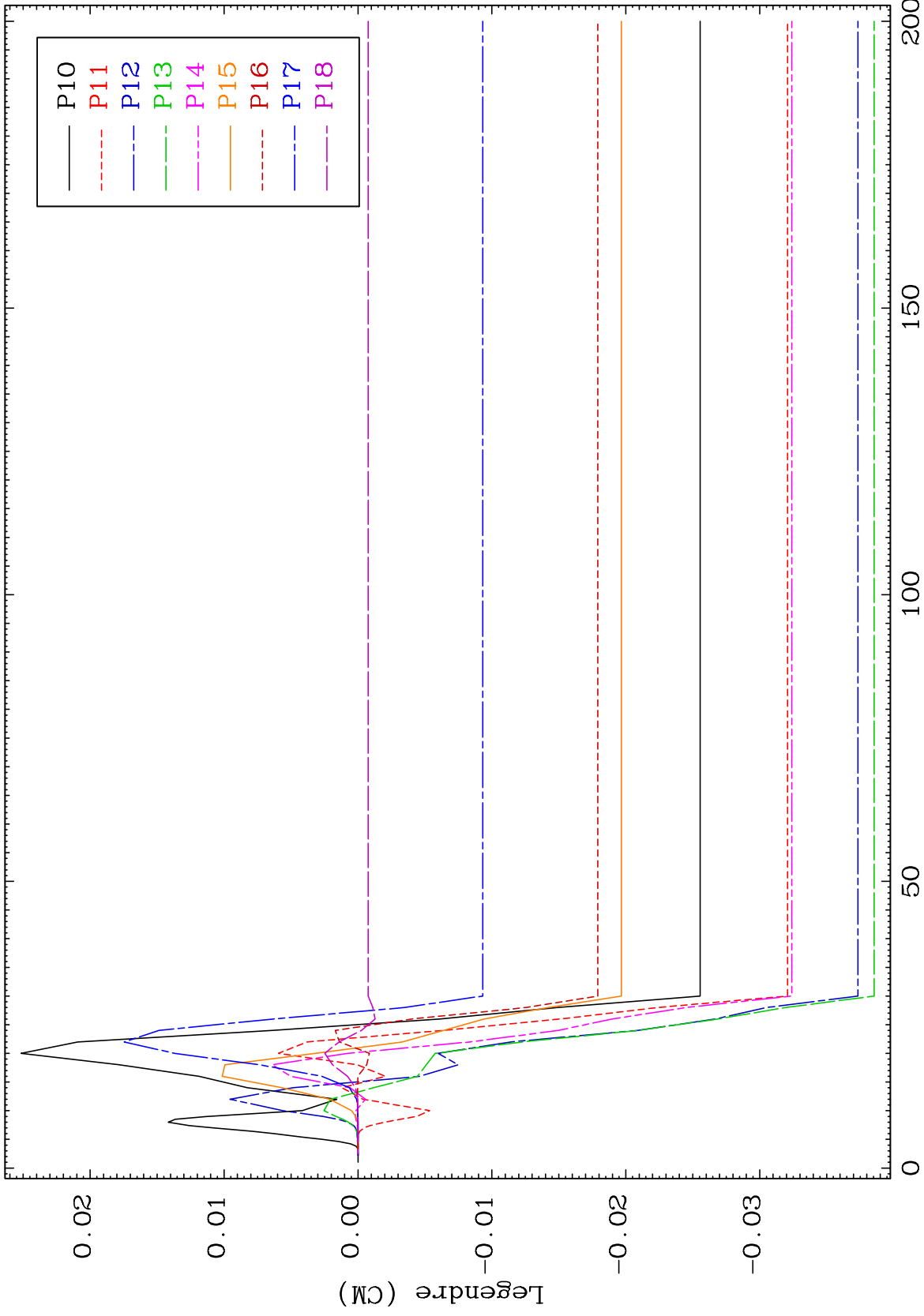
71-Lu-179



MAT 7137

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

71-Lu-179



49

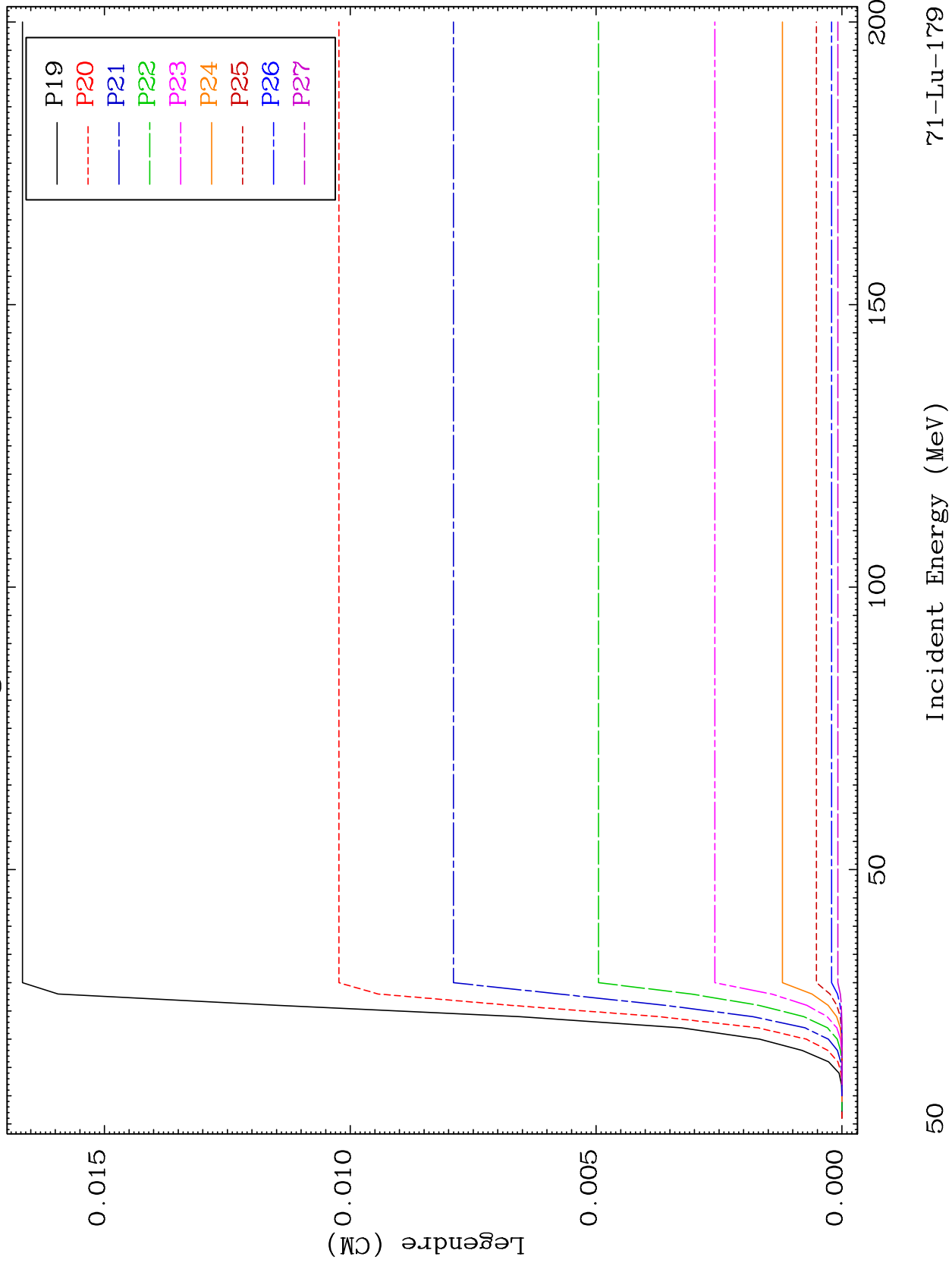
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

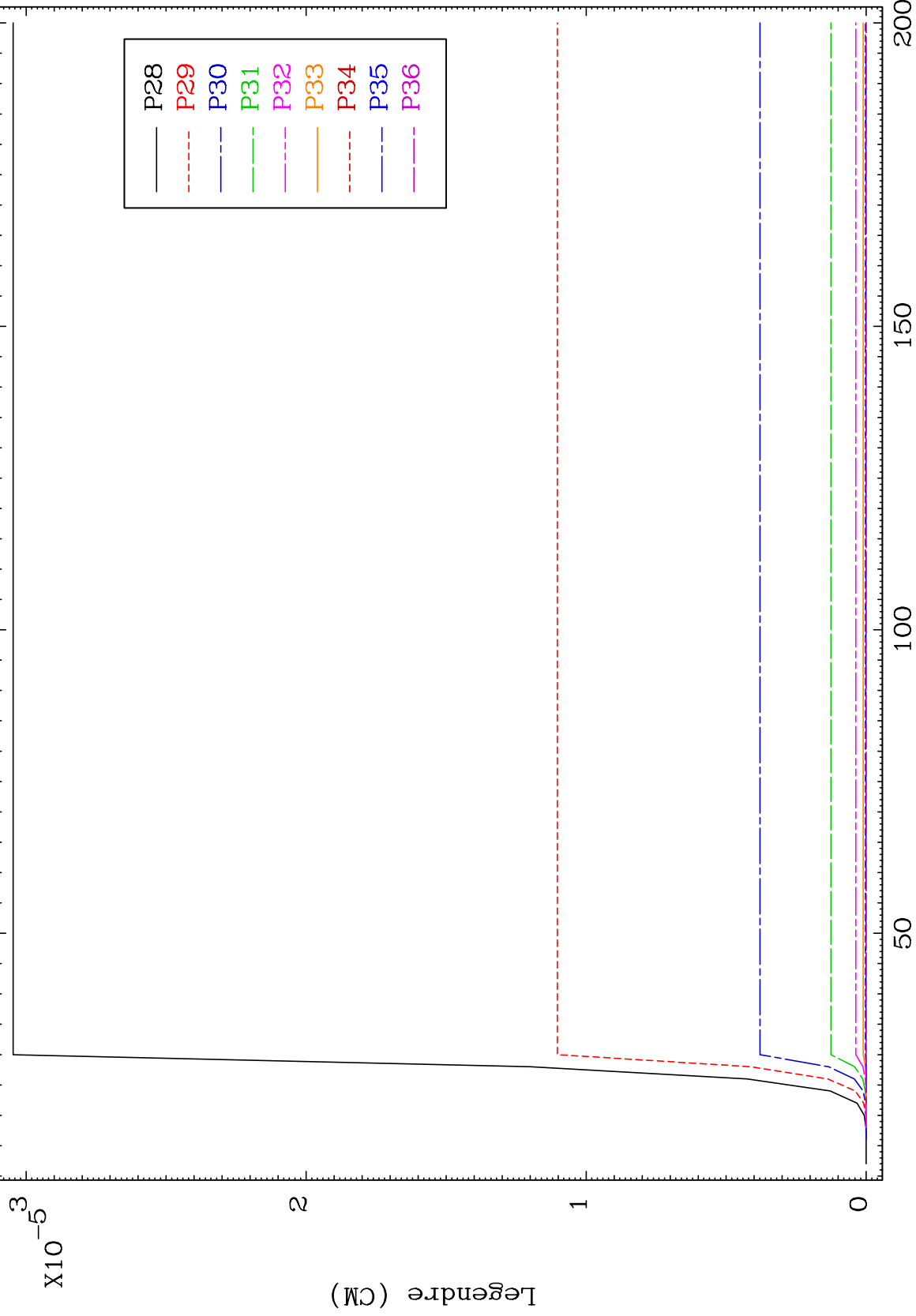
Incident Energy (MeV)

50

MAT 7137

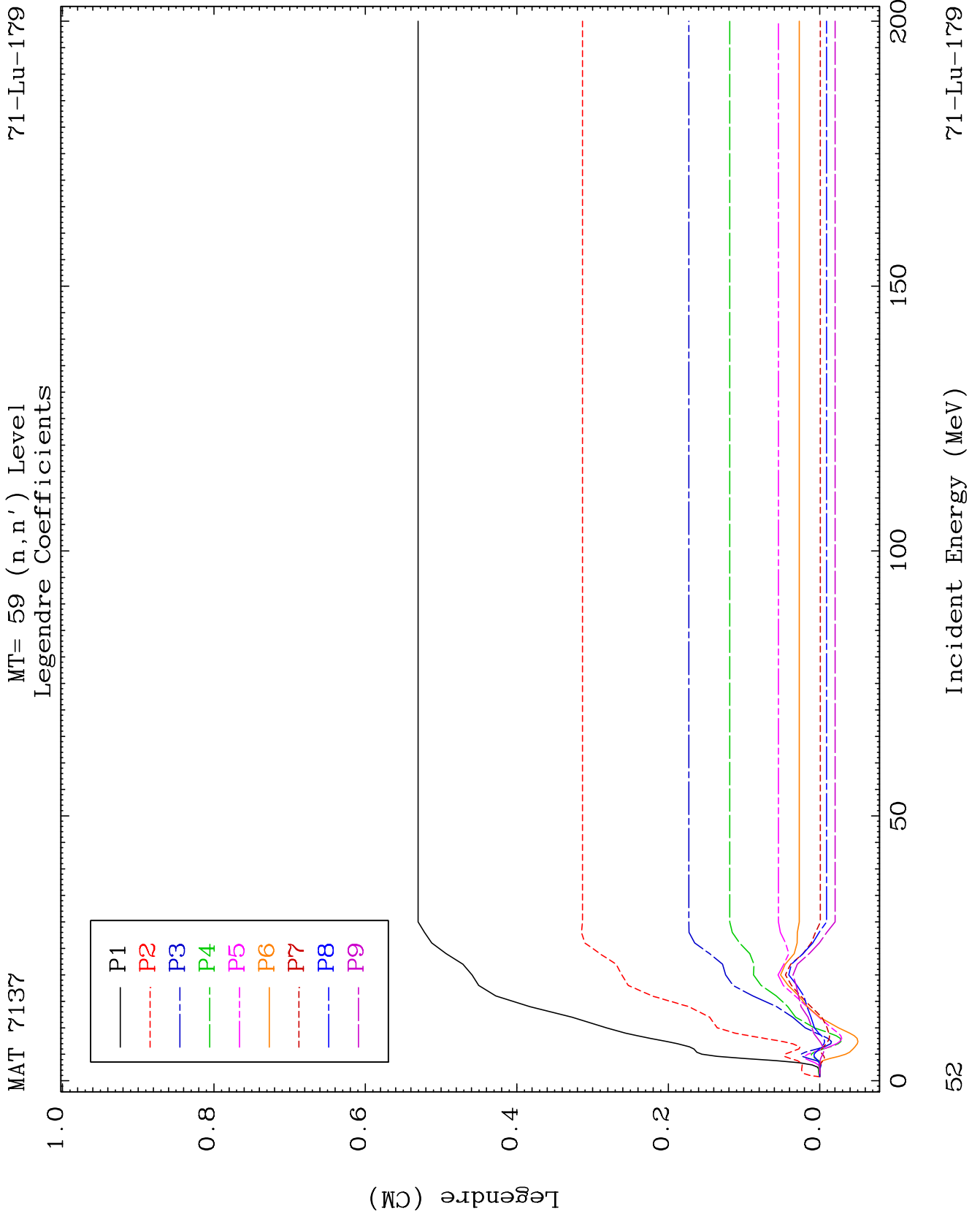
MT= 58 (n,n') Level
Legendre Coefficients

71-Lu-179



51

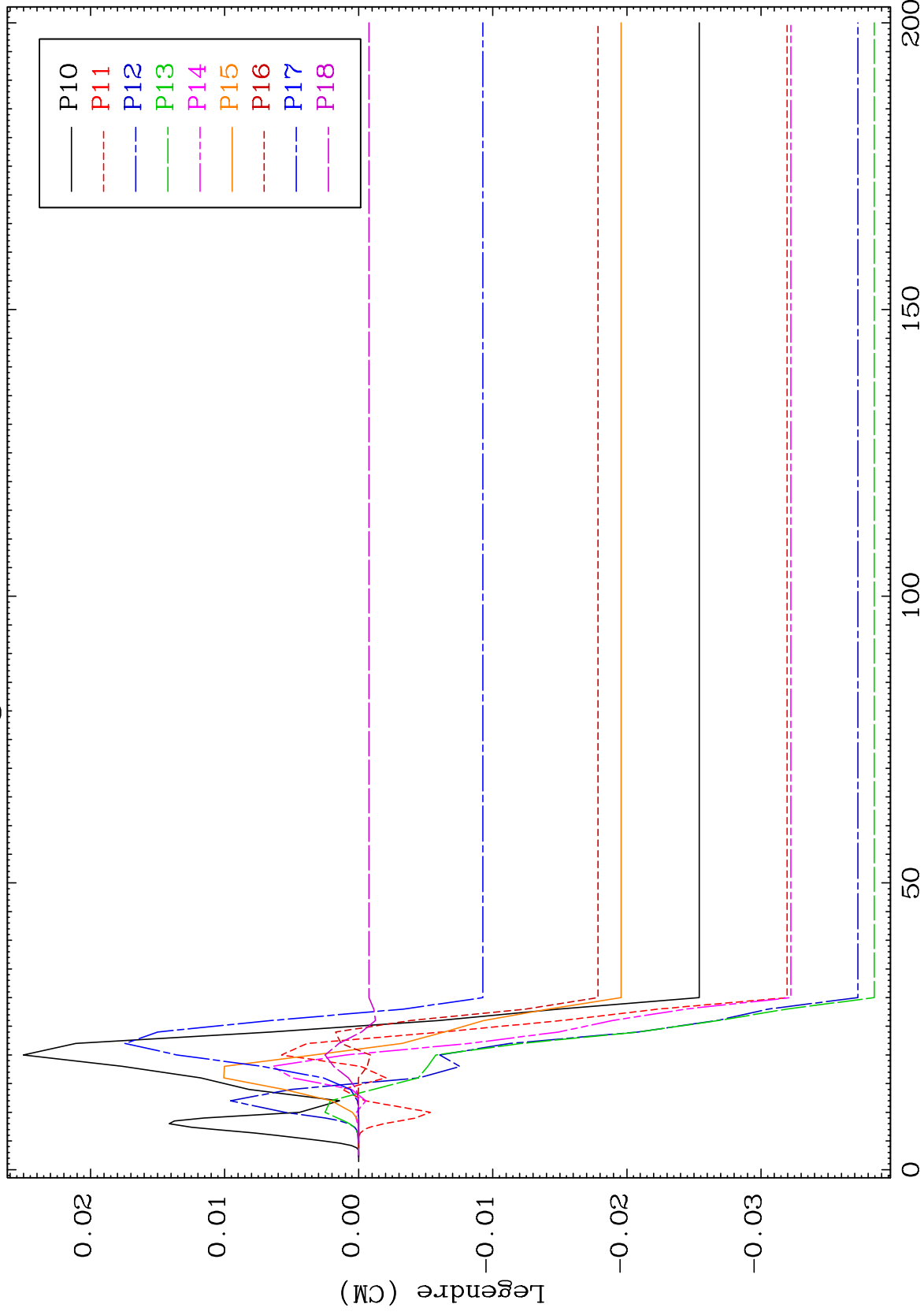
71-Lu-179



MAT 7137

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

71-Lu-179



53

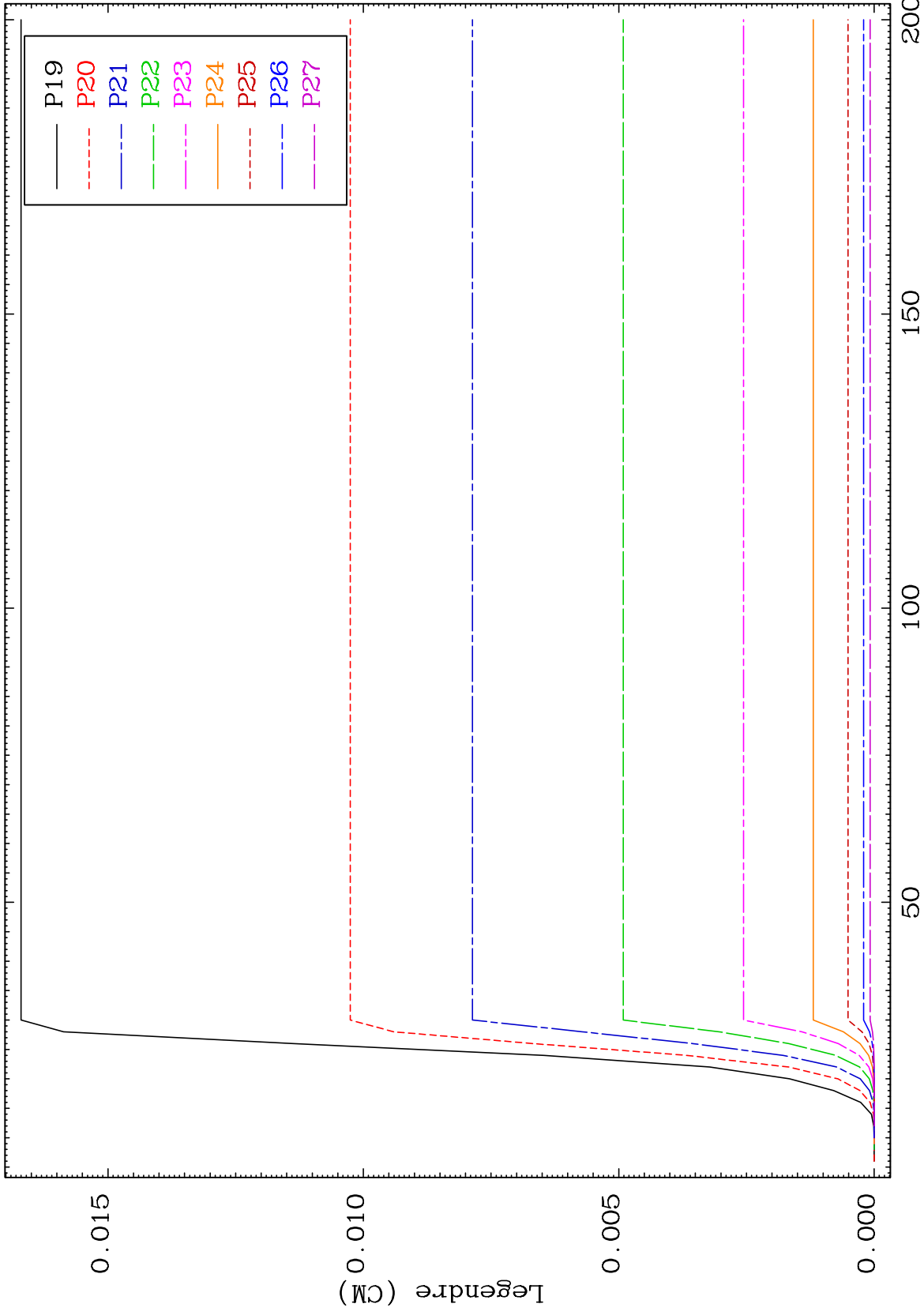
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



54

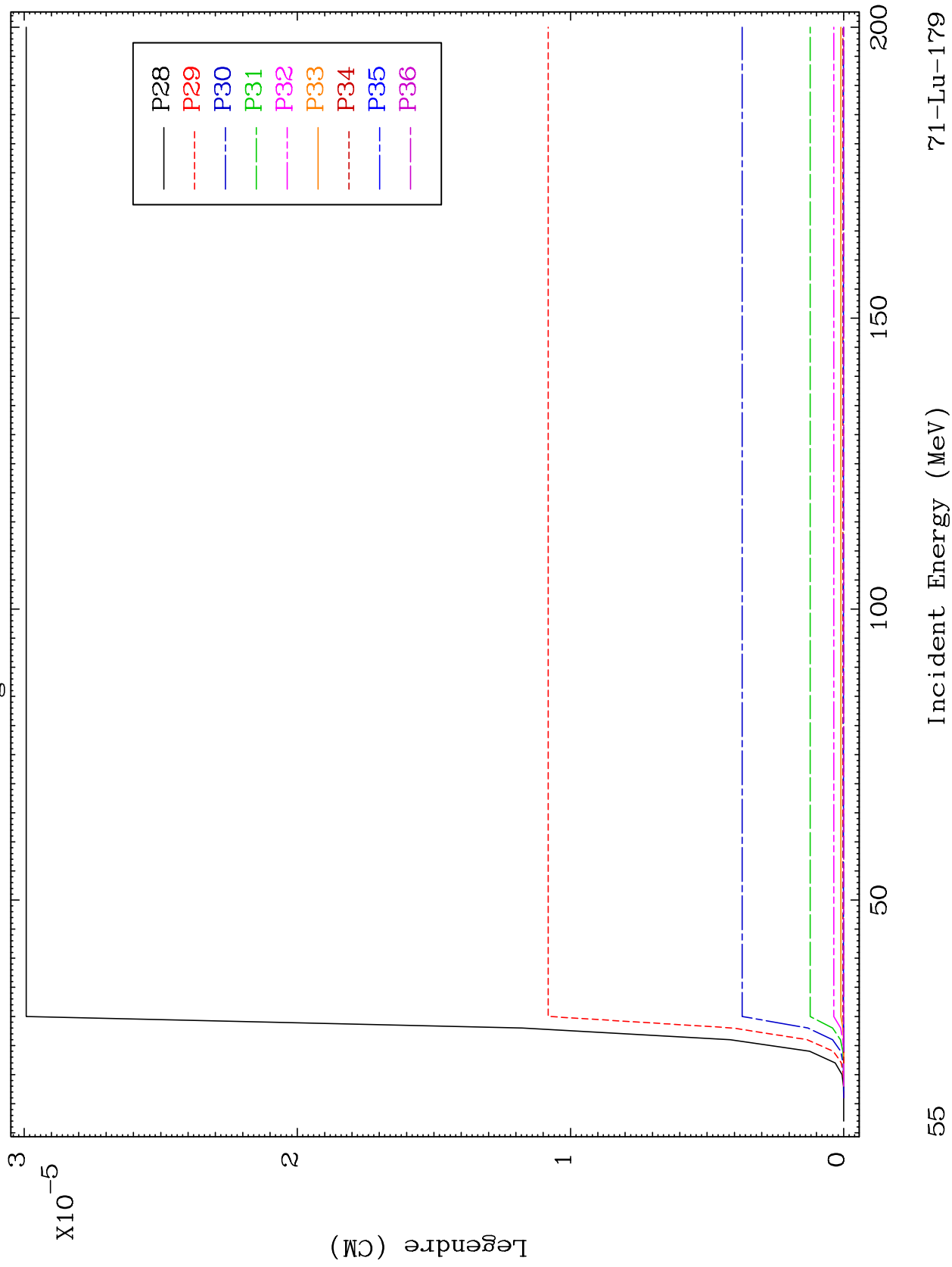
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



55

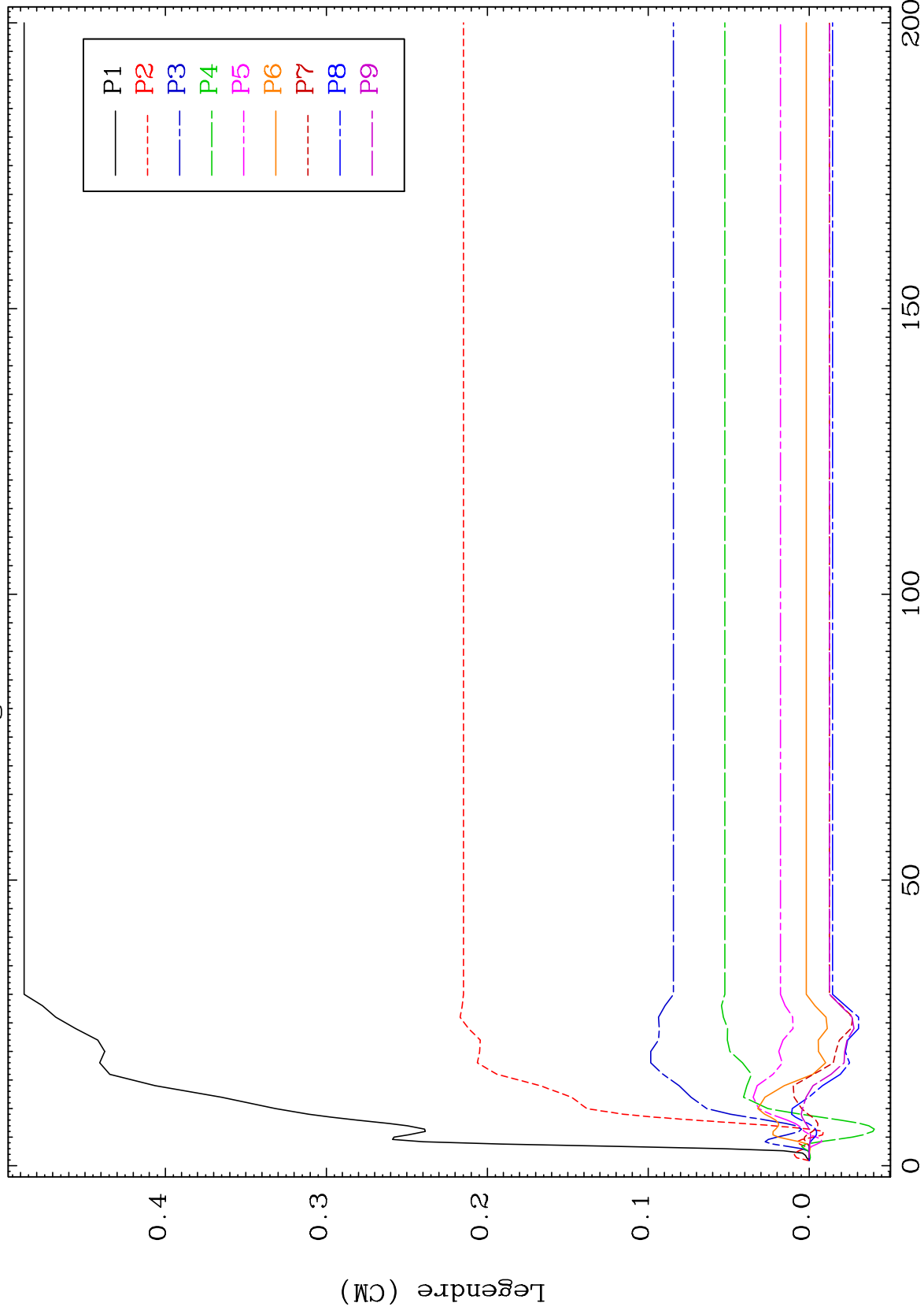
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



56

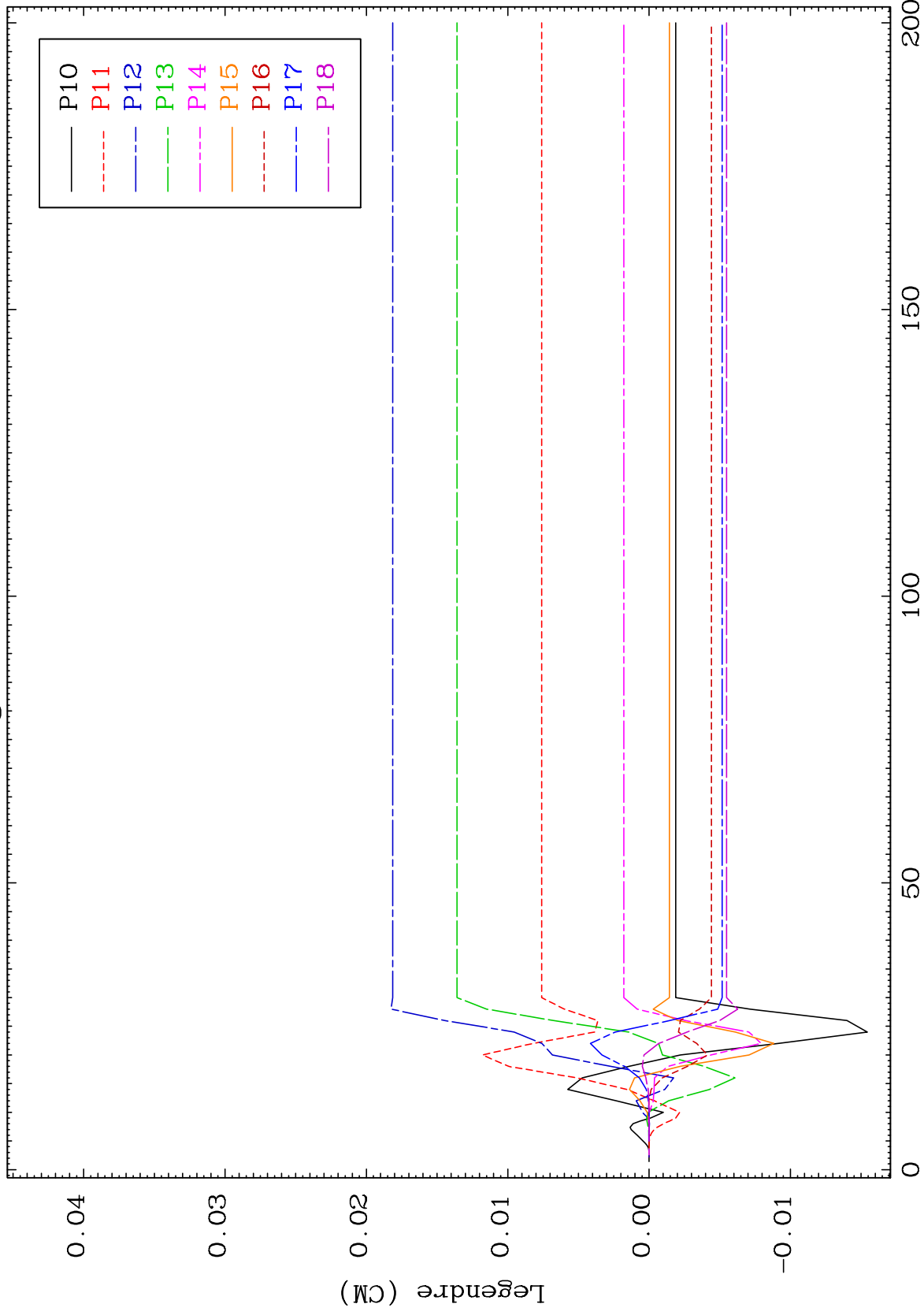
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



57

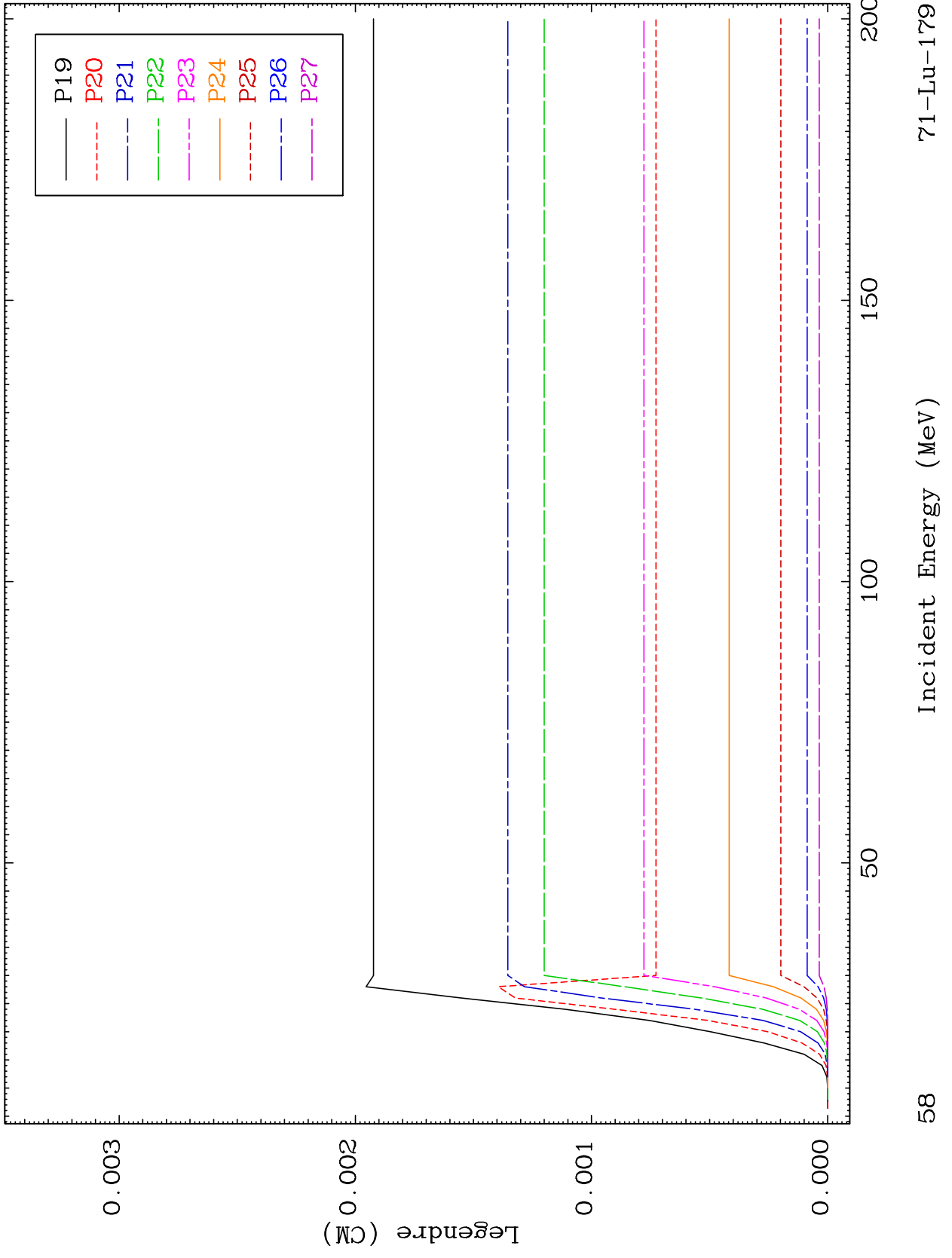
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



58

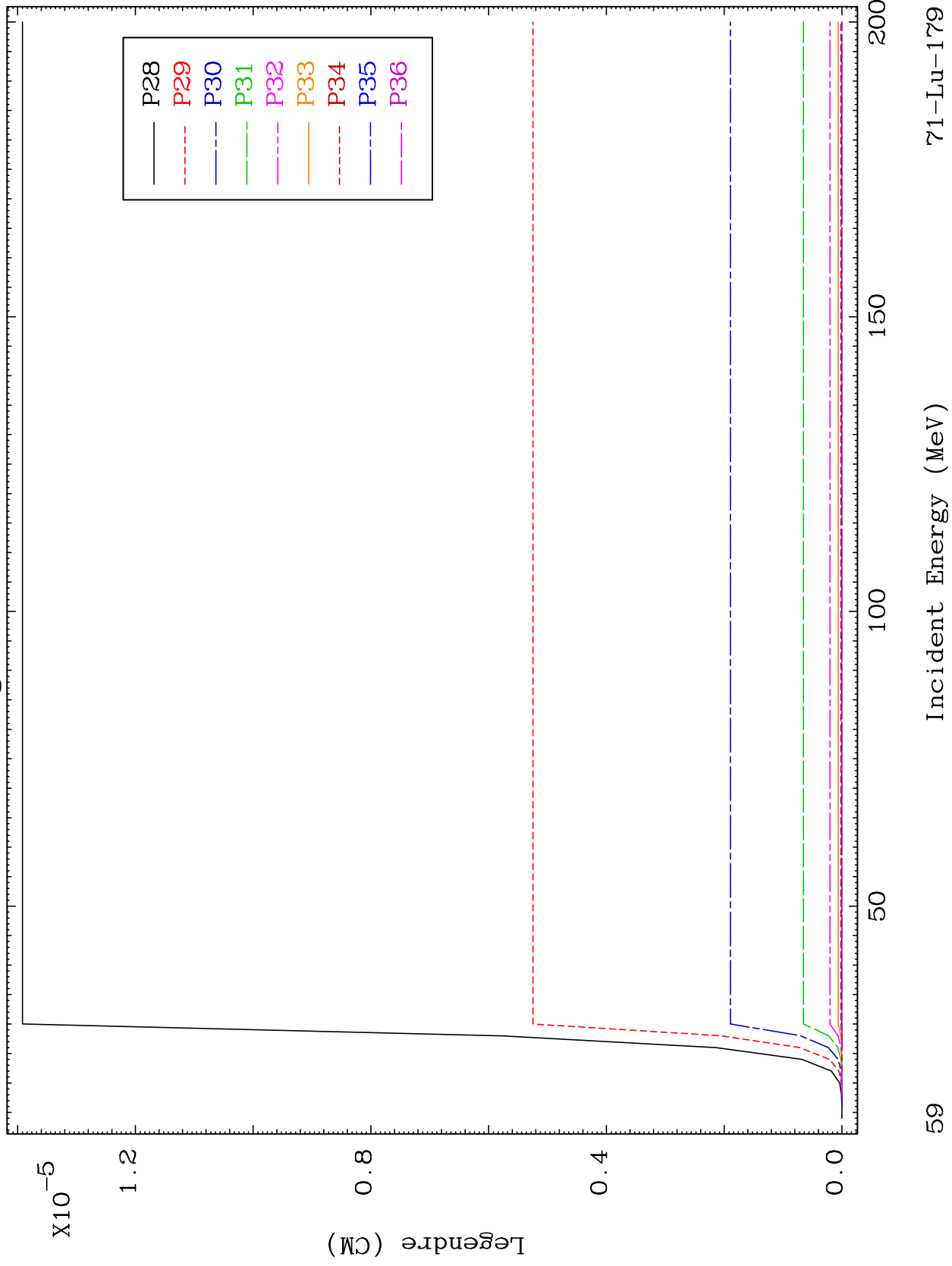
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179

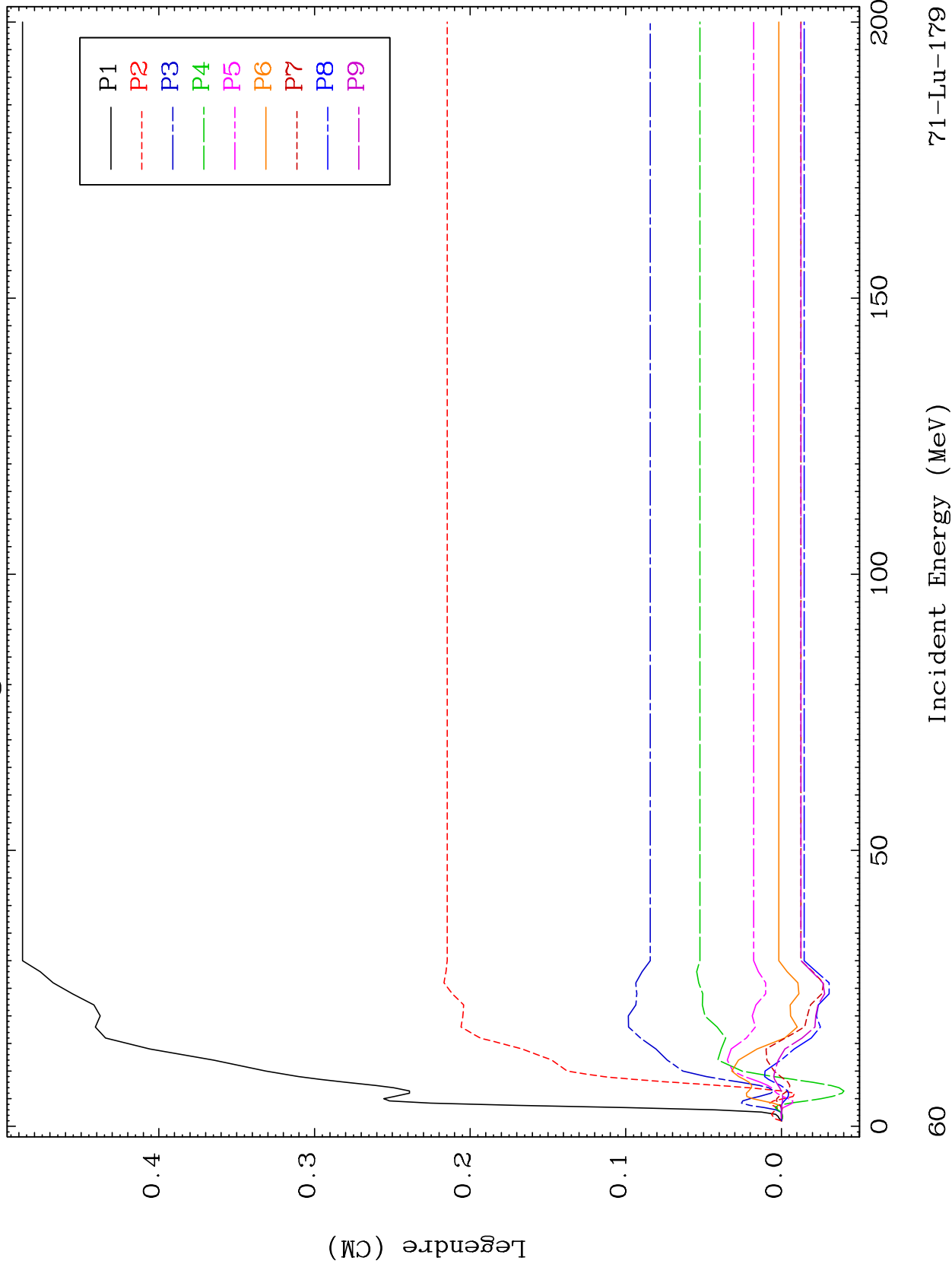


59

MAT 7137

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

71-Lu-179



71-Lu-179

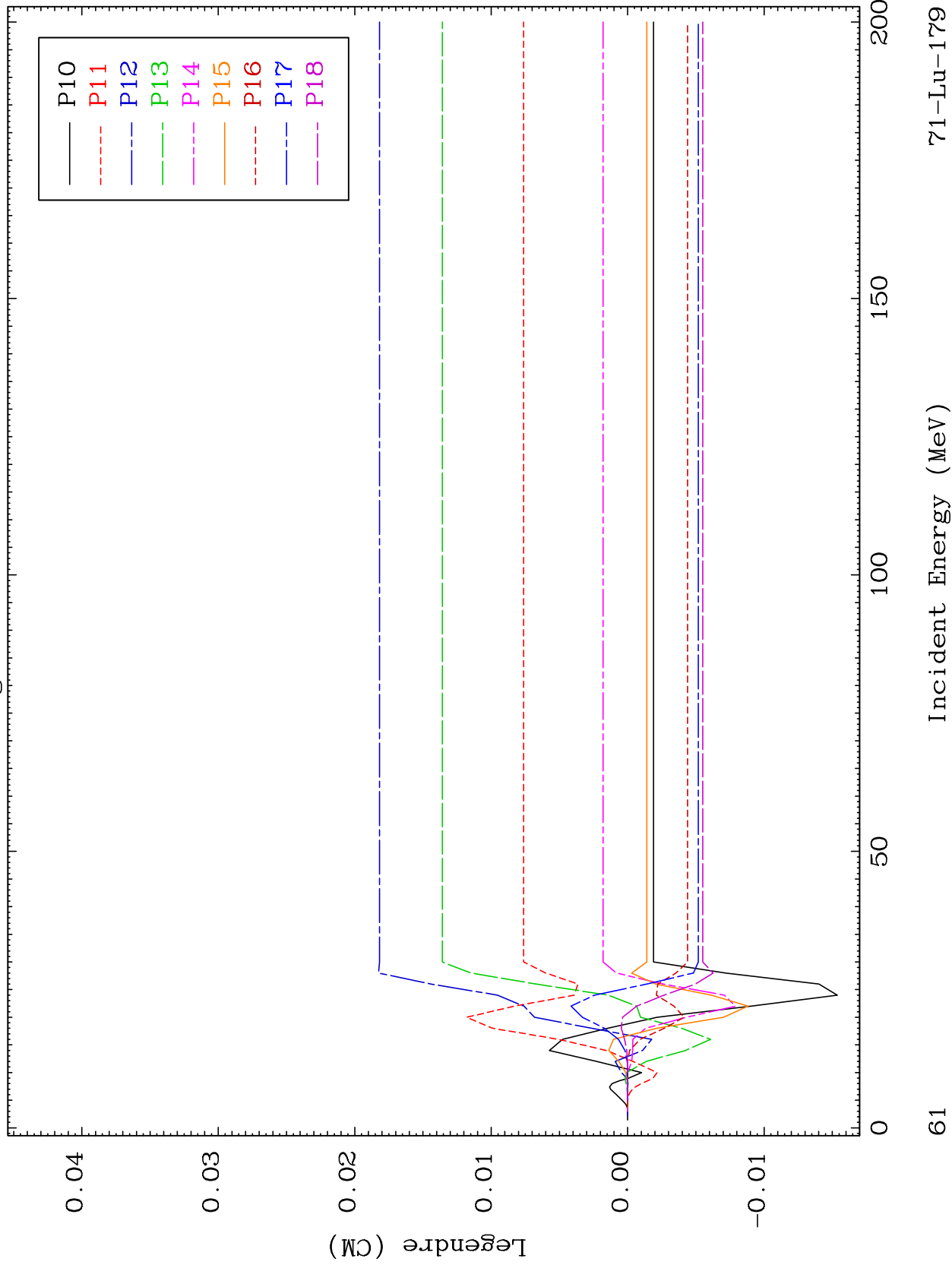
Incident Energy (MeV)

60

MAT 7137

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

71-Lu-179



71-Lu-179

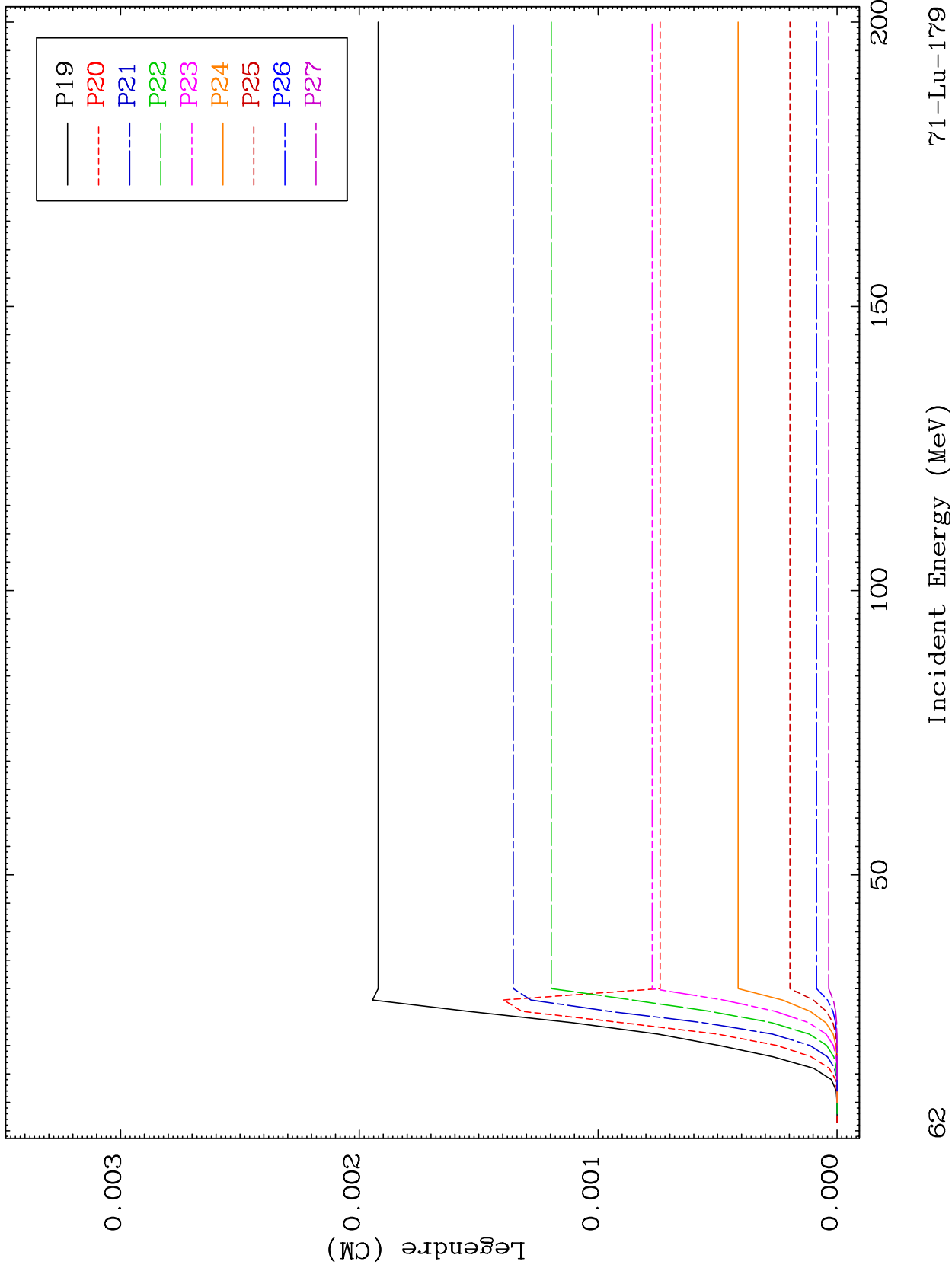
Incident Energy (MeV)

61

MAT 7137

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

71-Lu-179



62

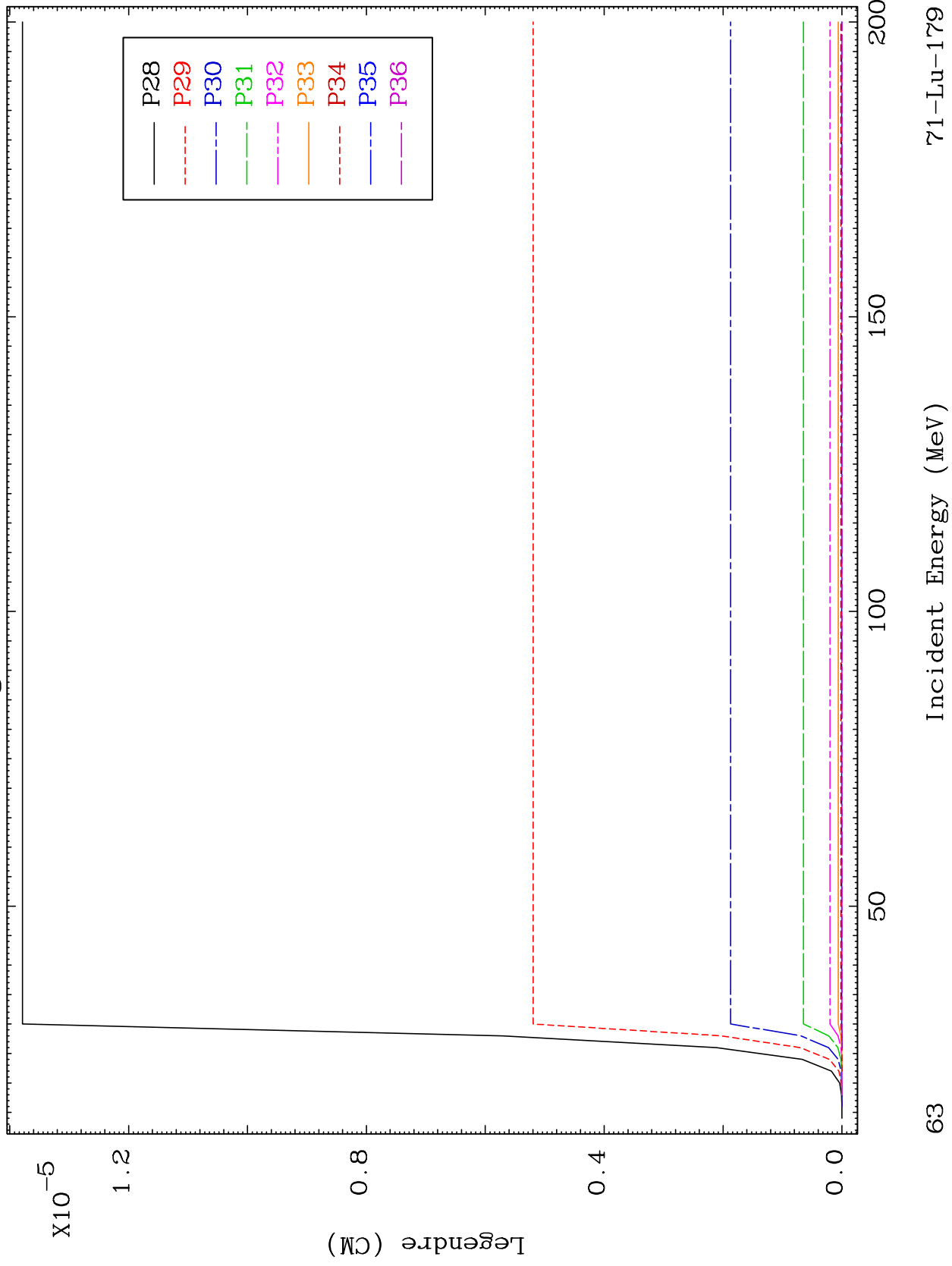
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

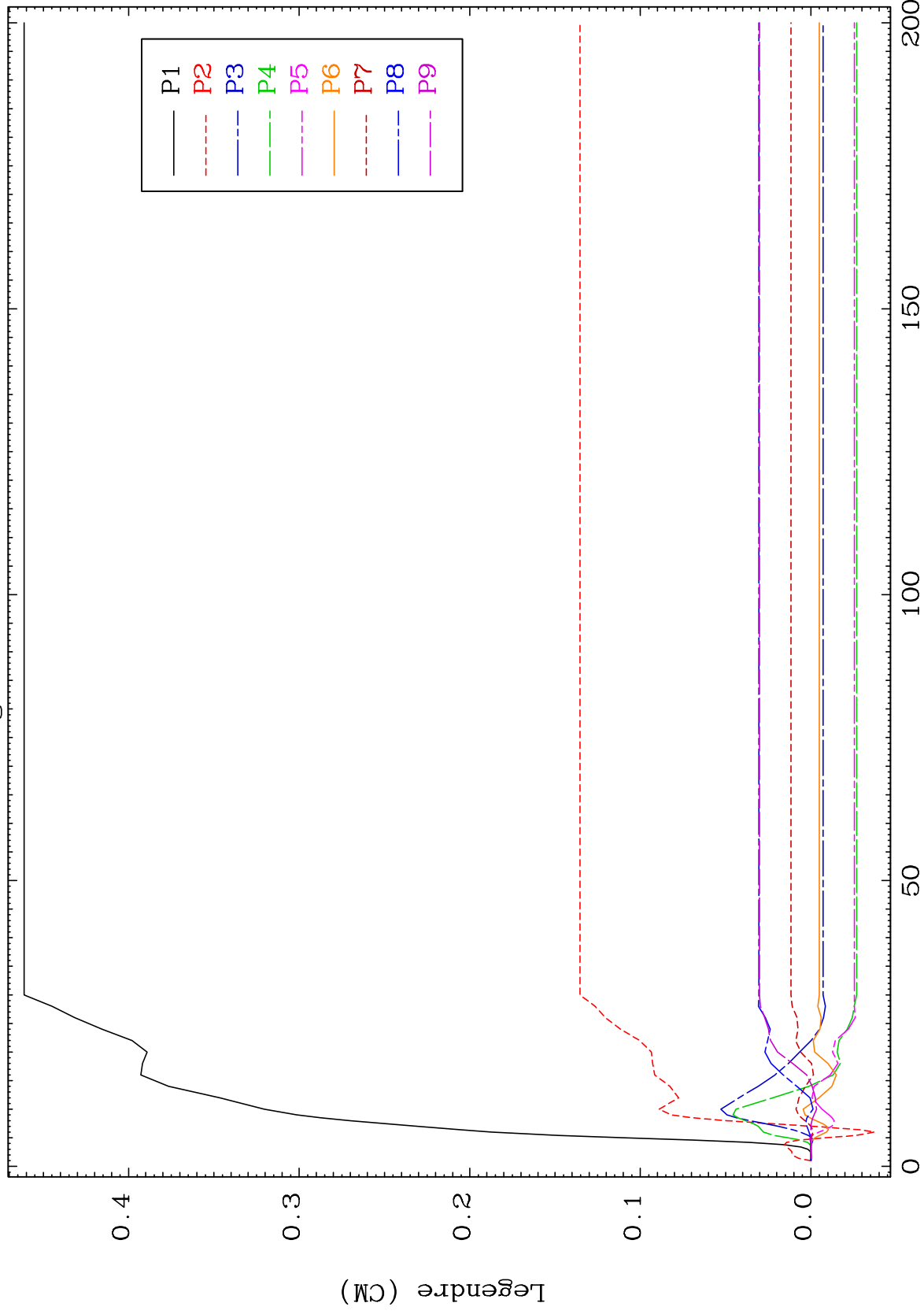
71-Lu-179



MAT 7137

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

71-Lu-179



71-Lu-179

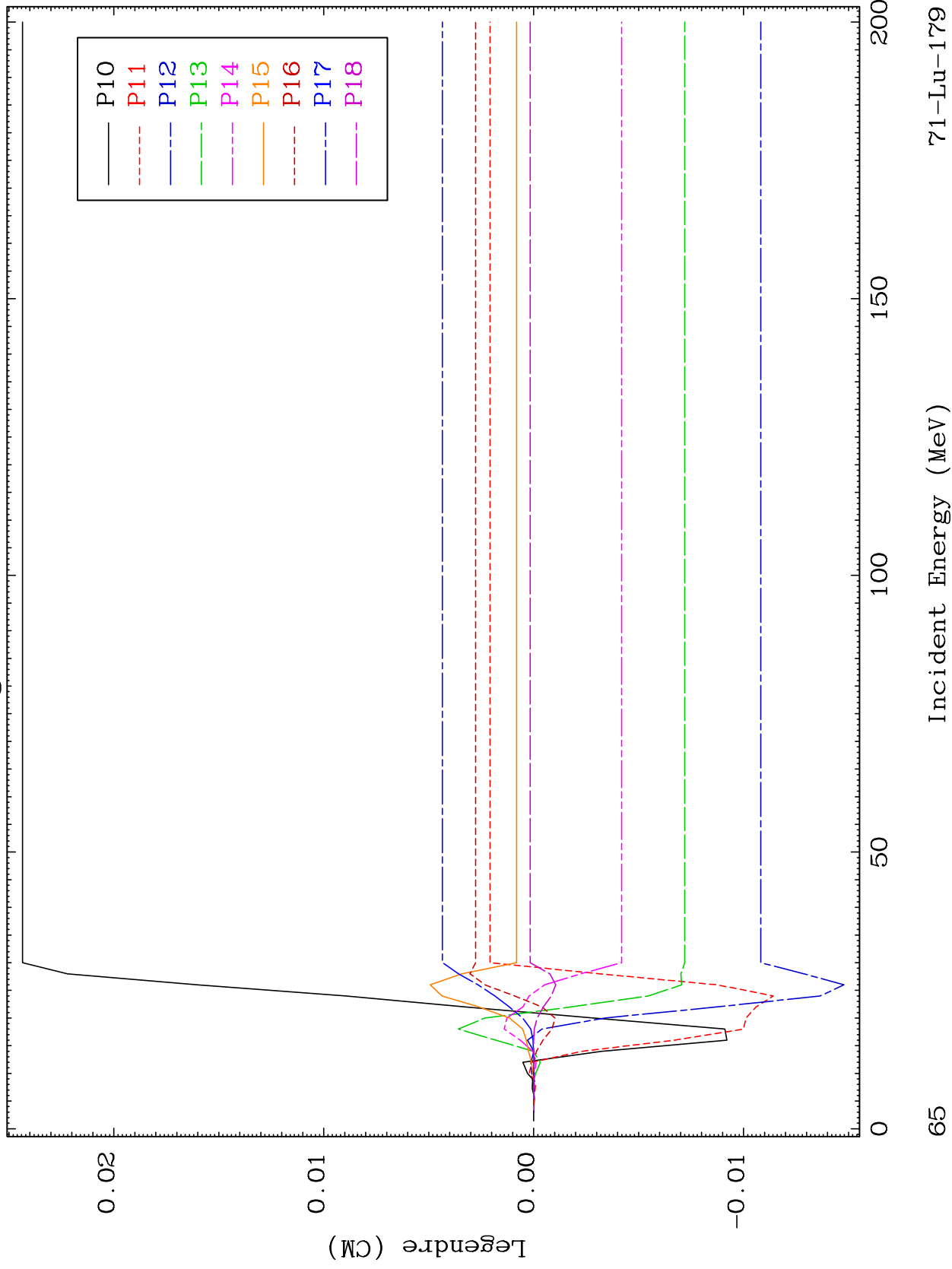
Incident Energy (MeV)

64

MAT 7137

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

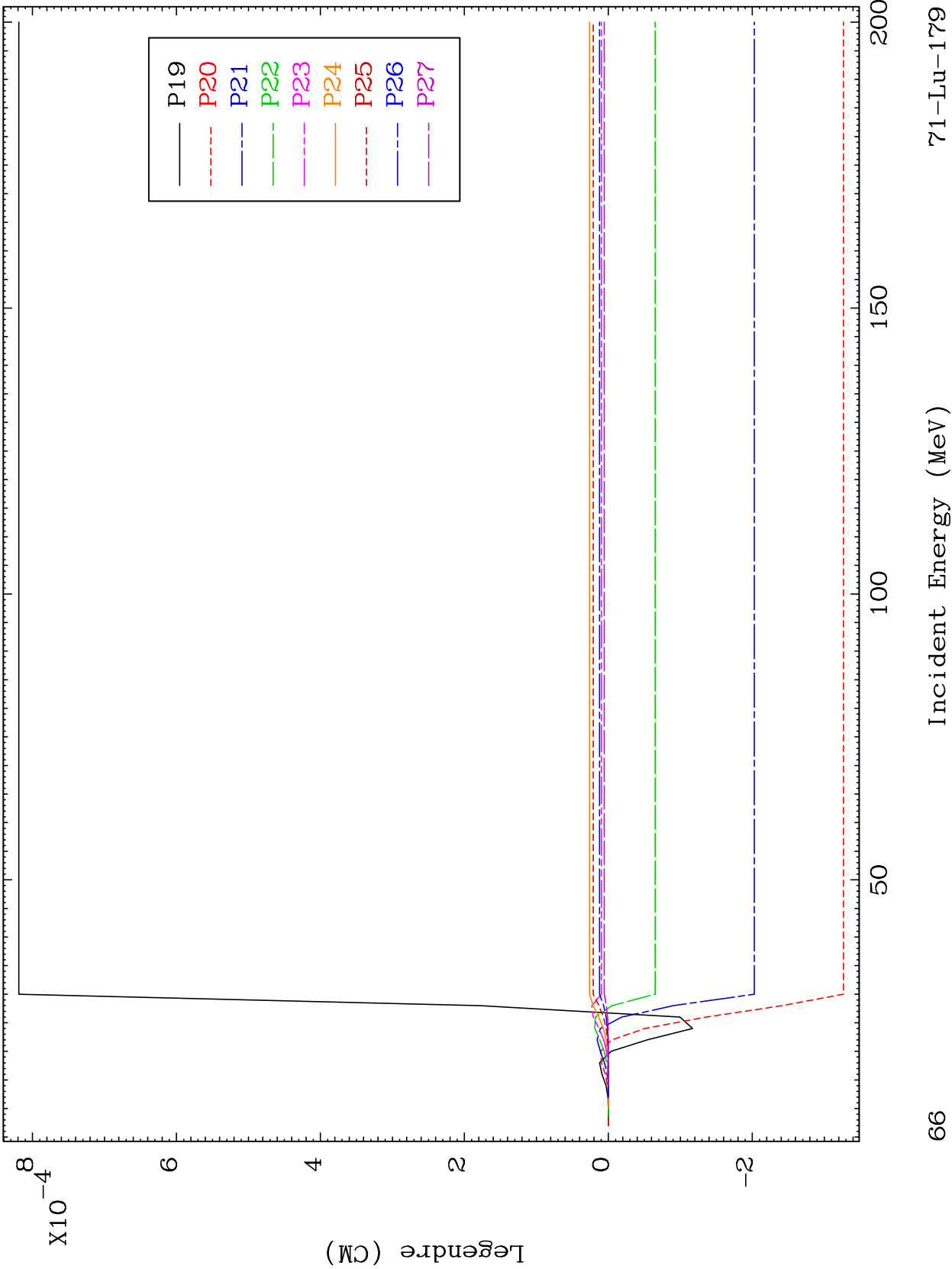
71-Lu-179



71-Lu-179

Incident Energy (MeV)

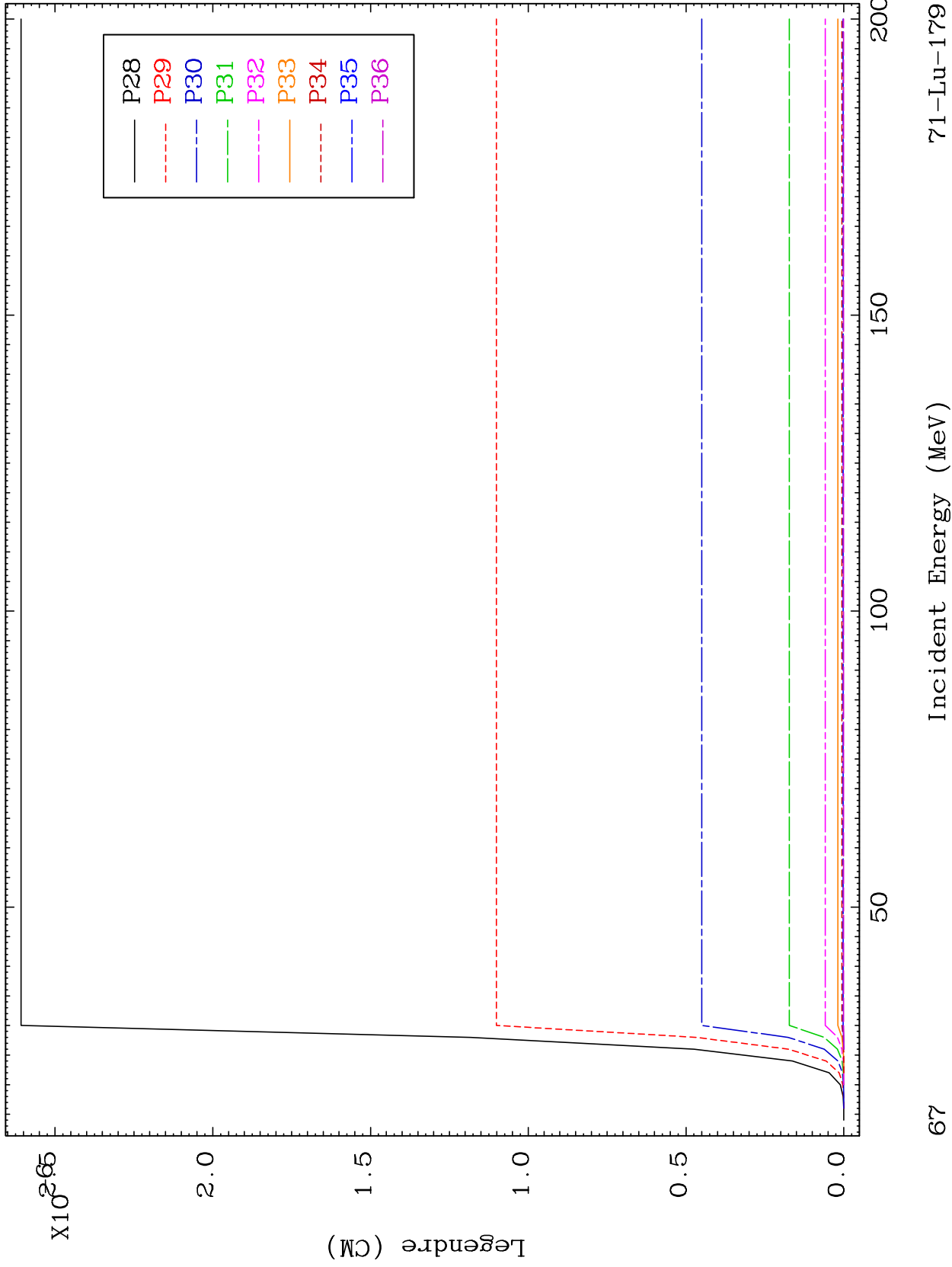
65



MAT 7137

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

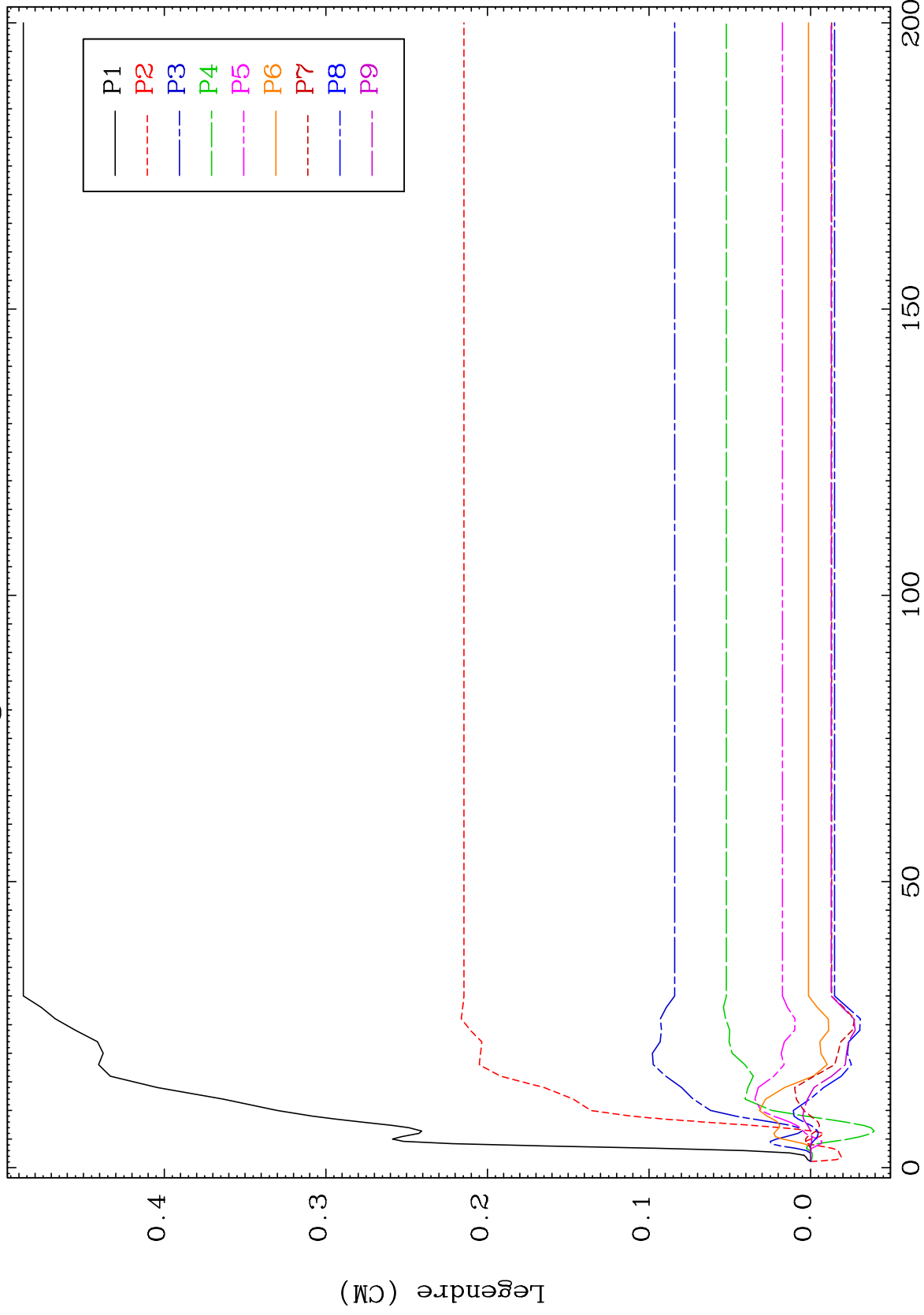
71-Lu-179



MAT 7137

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

71-Lu-179



71-Lu-179

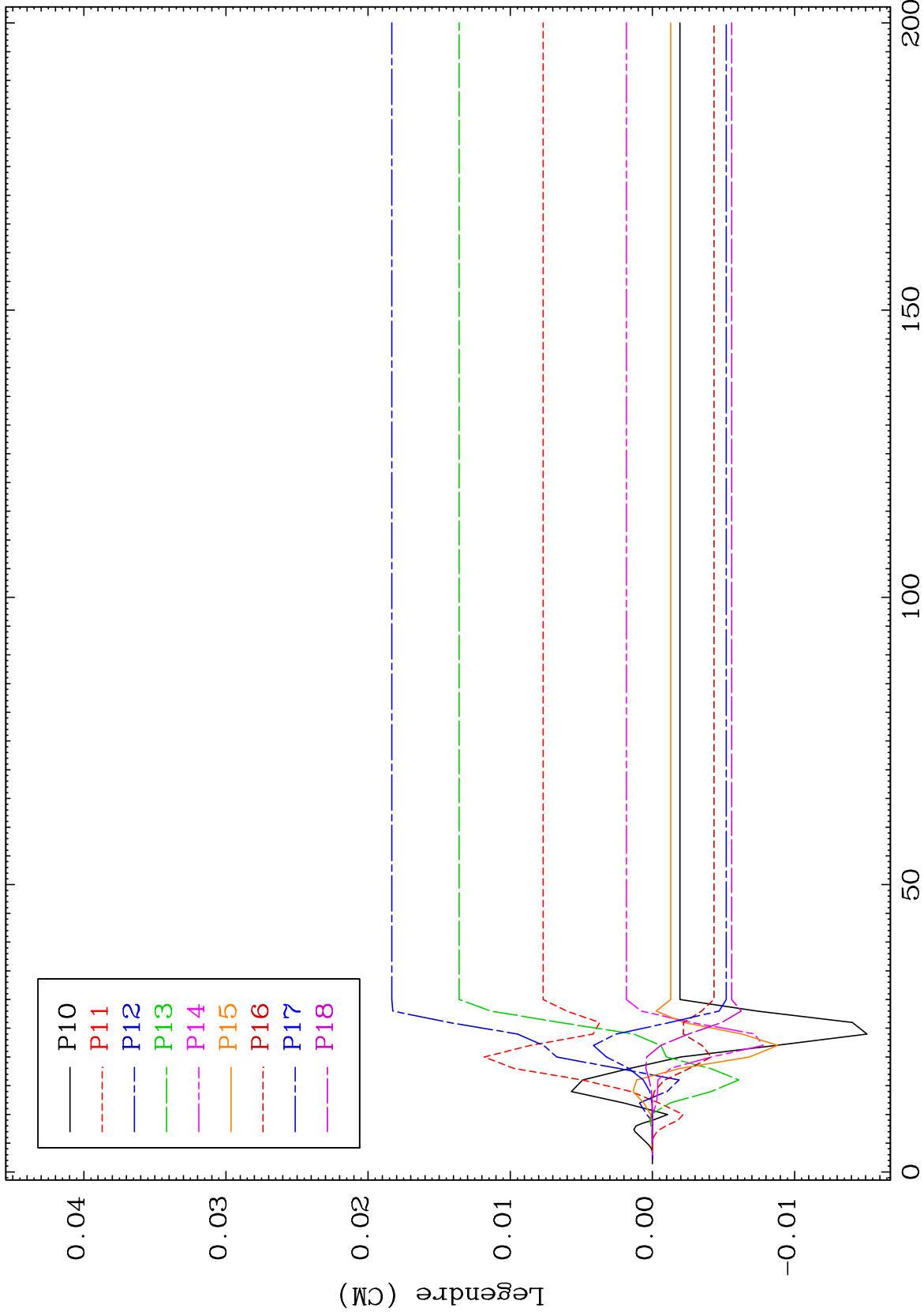
Incident Energy (MeV)

68

MAT 7137

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

71-Lu-179



69

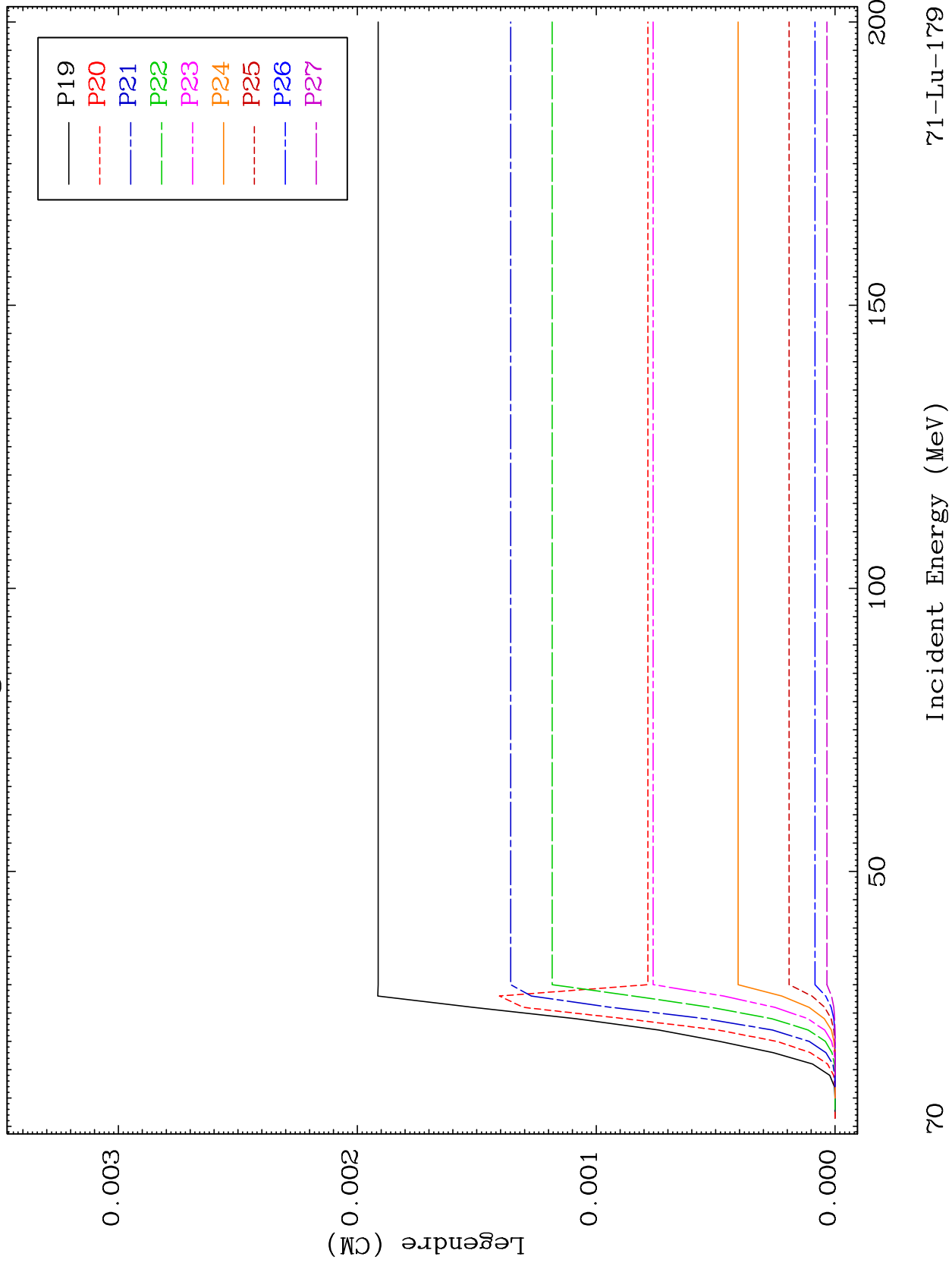
71-Lu-179

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

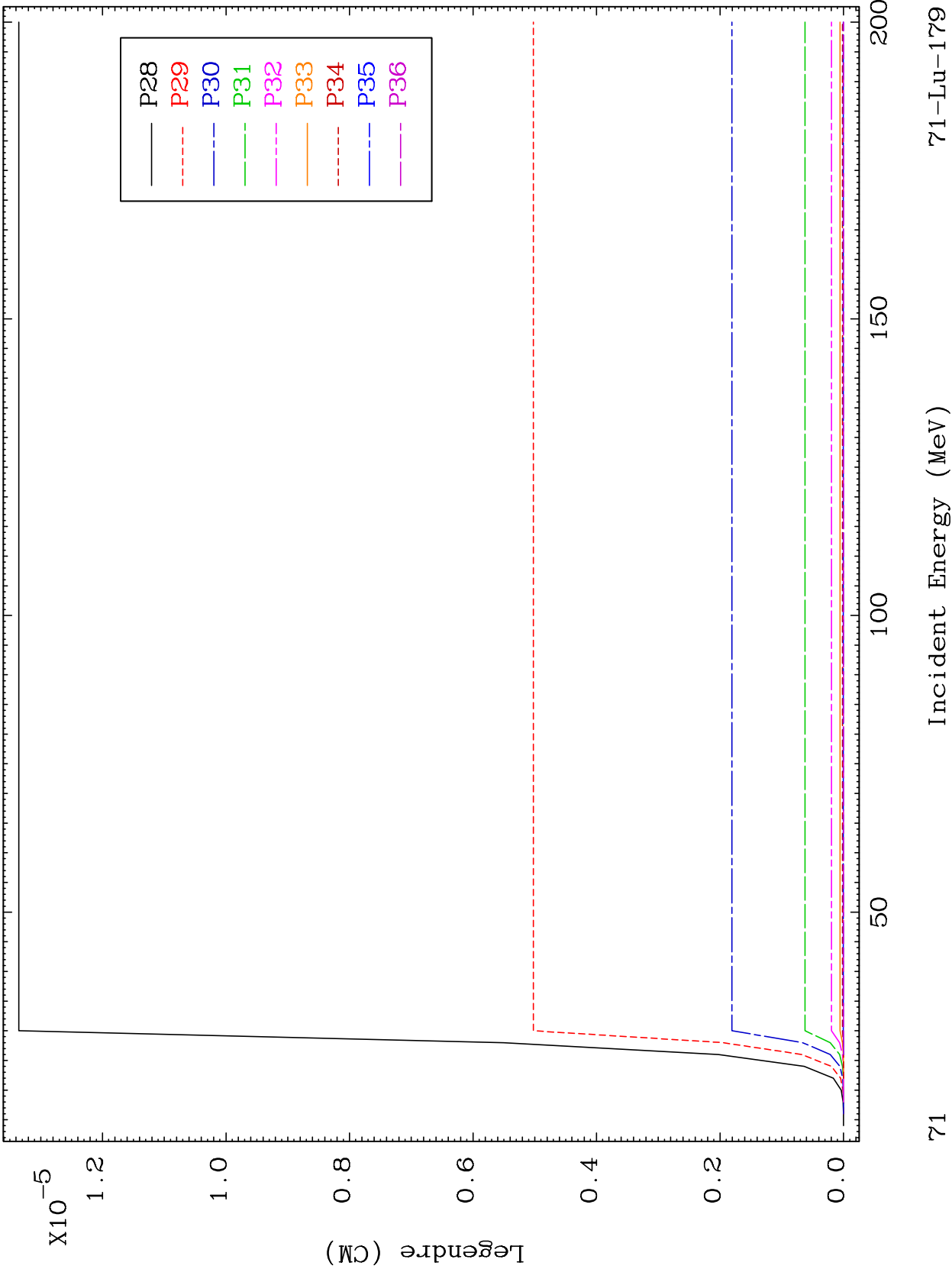
Incident Energy (MeV)

70

MAT 7137

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

71-Lu-179



71

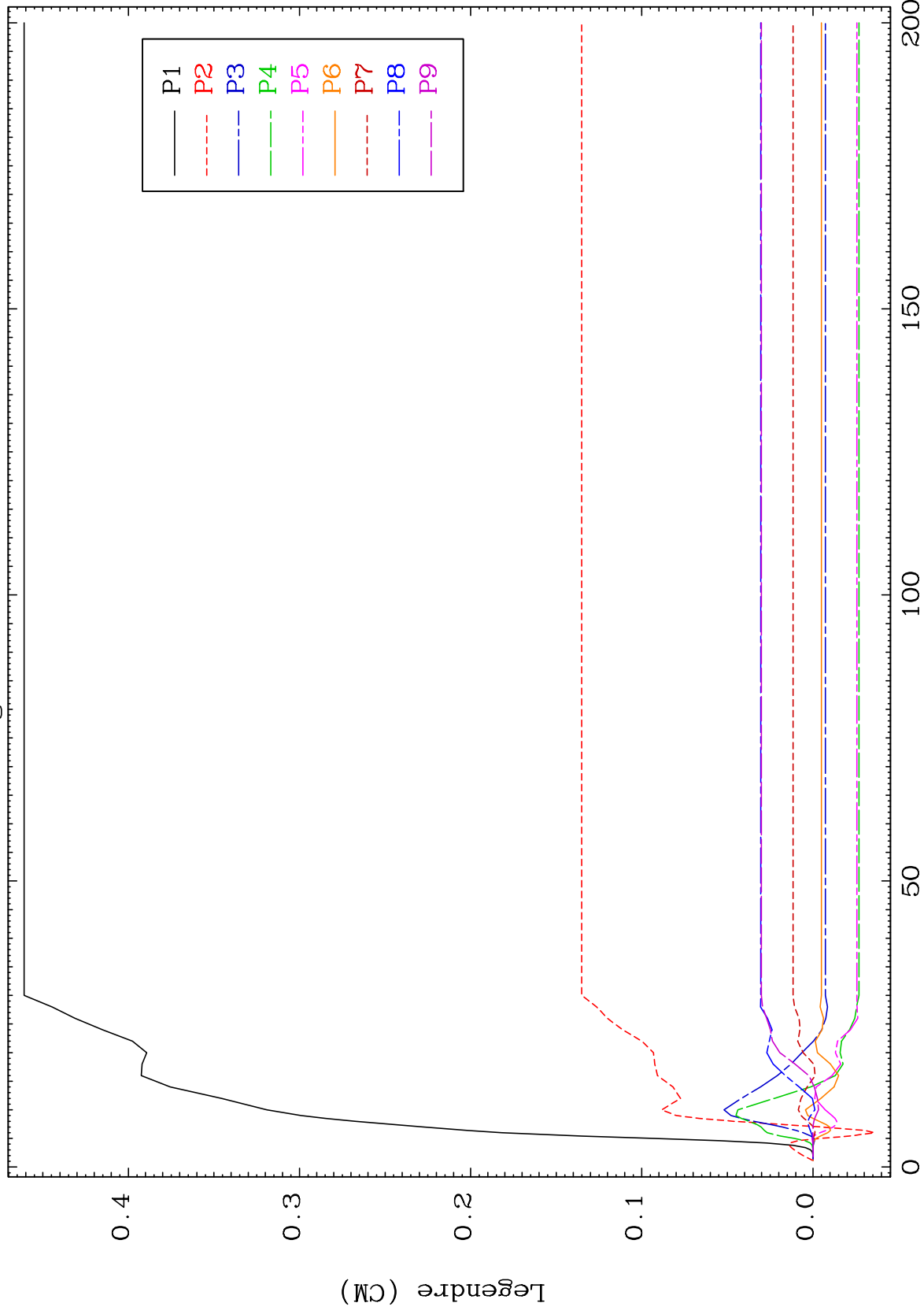
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



72

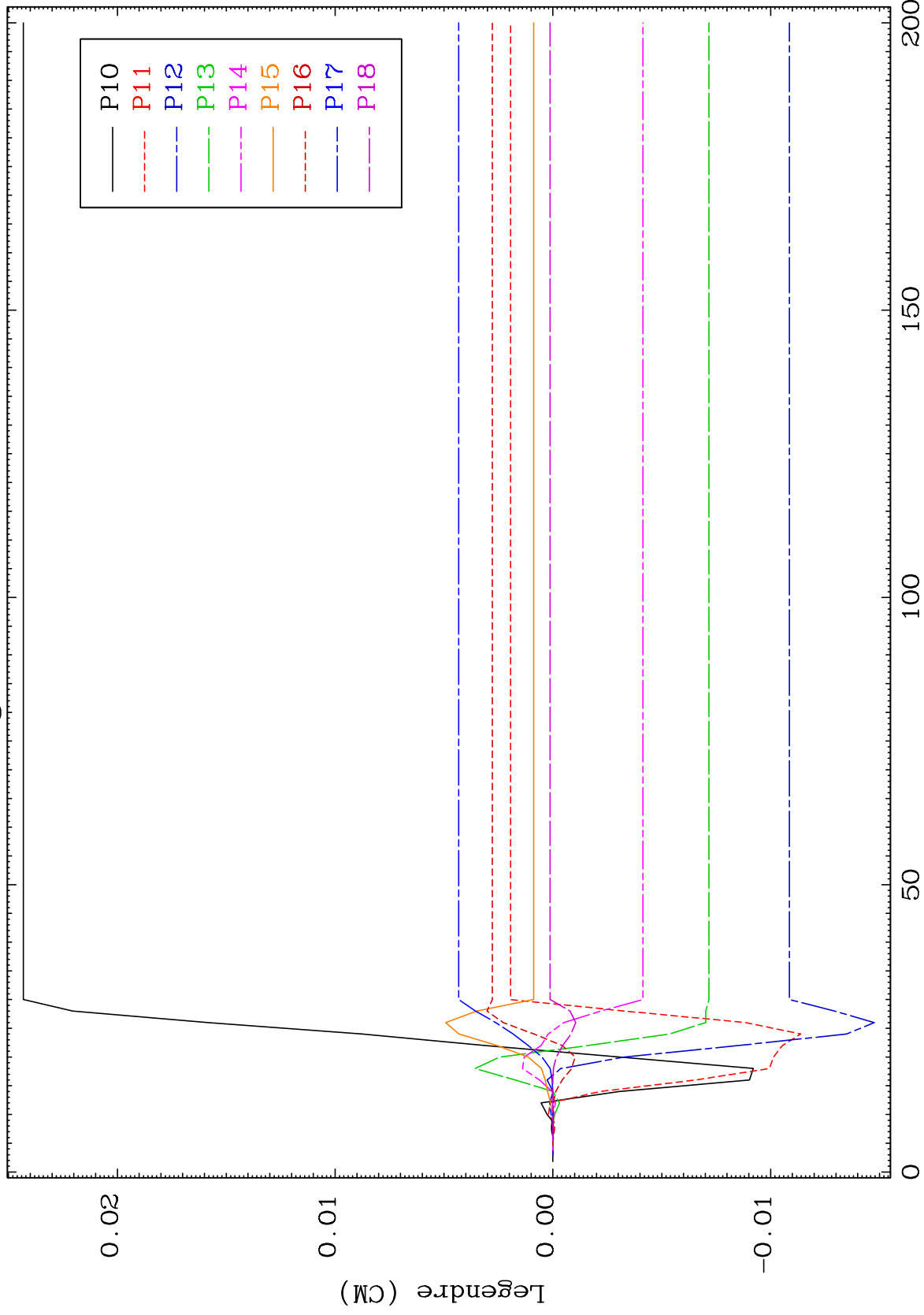
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



73

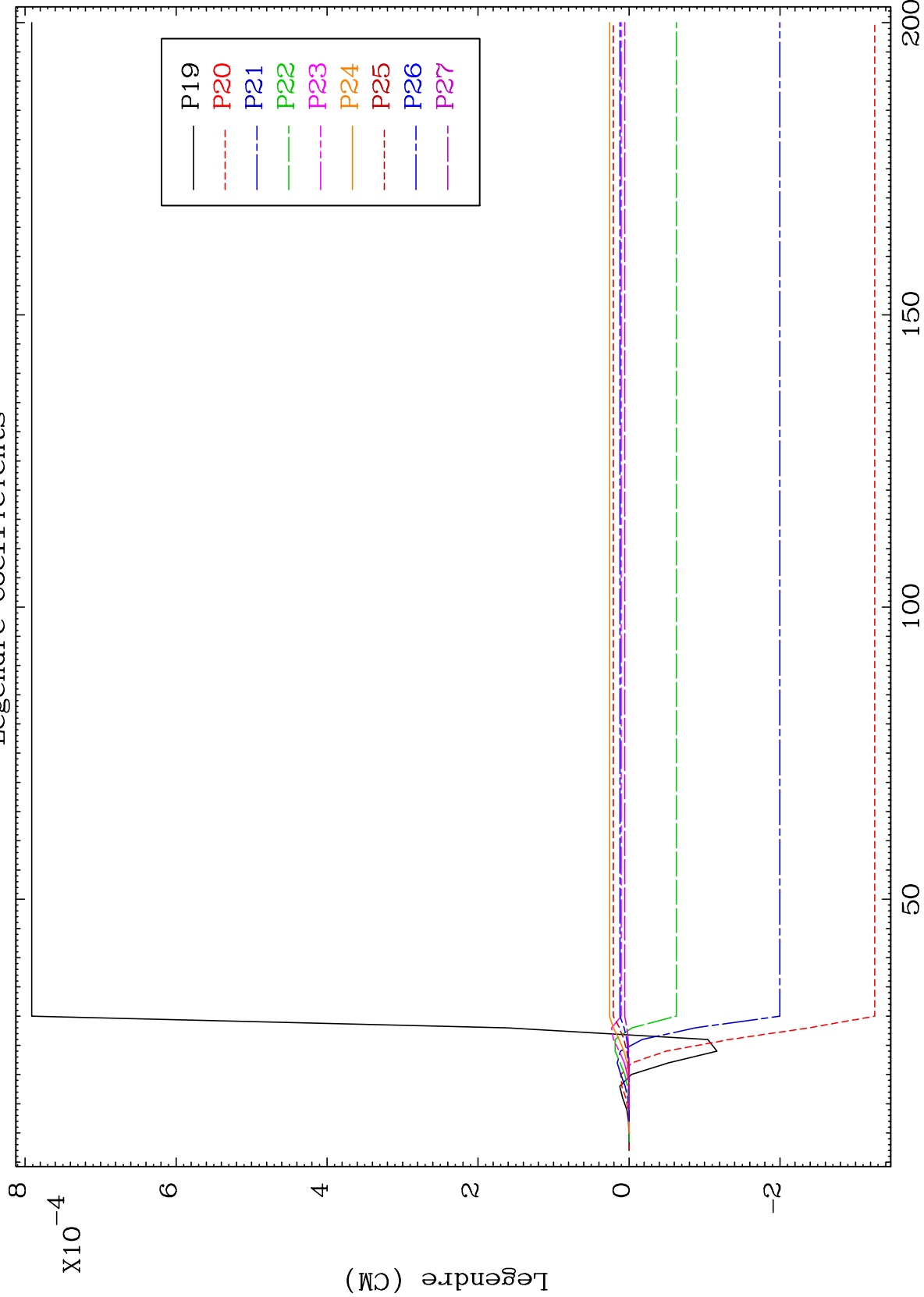
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



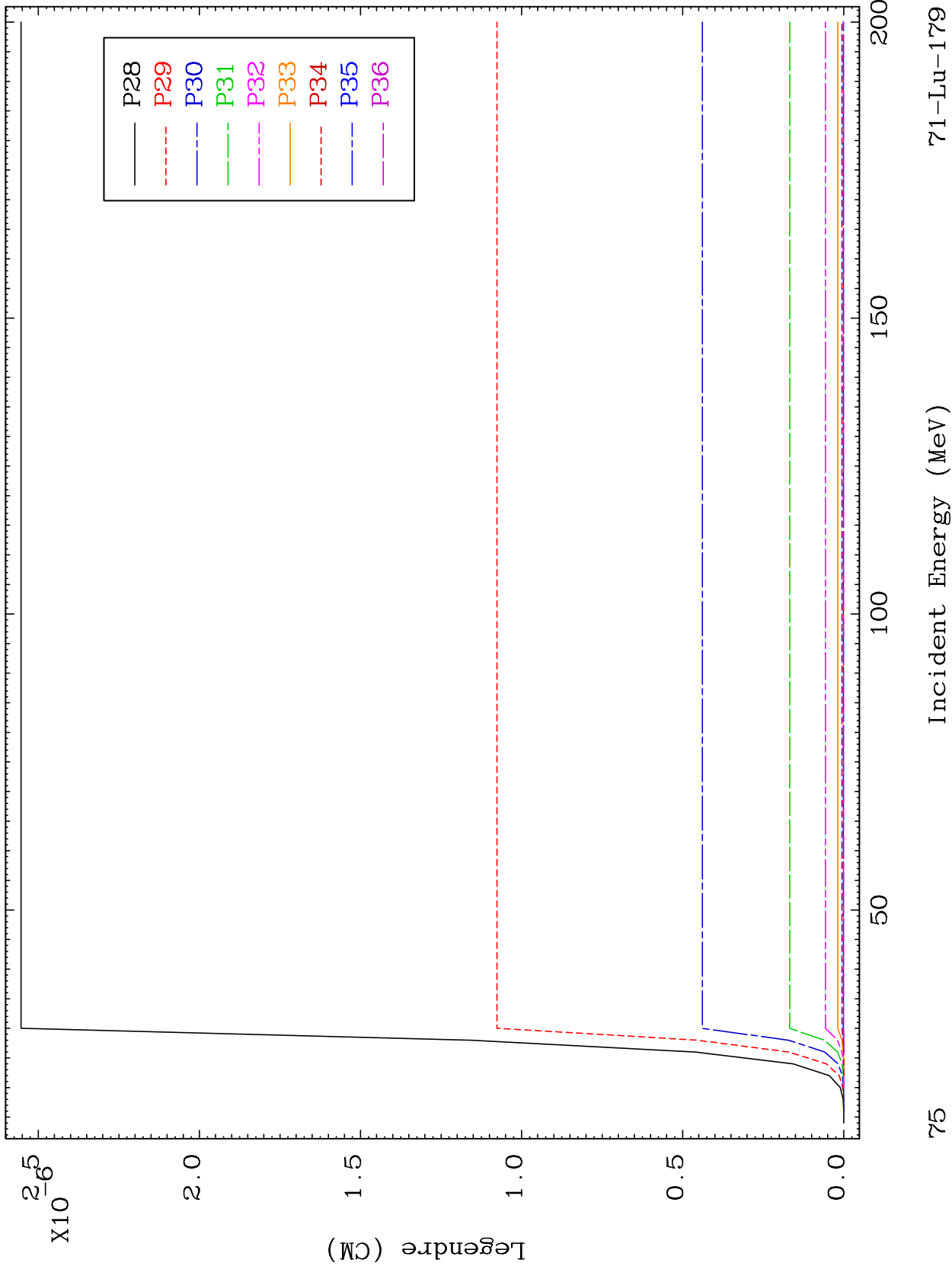
74

71-Lu-179

MAT 7137

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

71-Lu-179



75

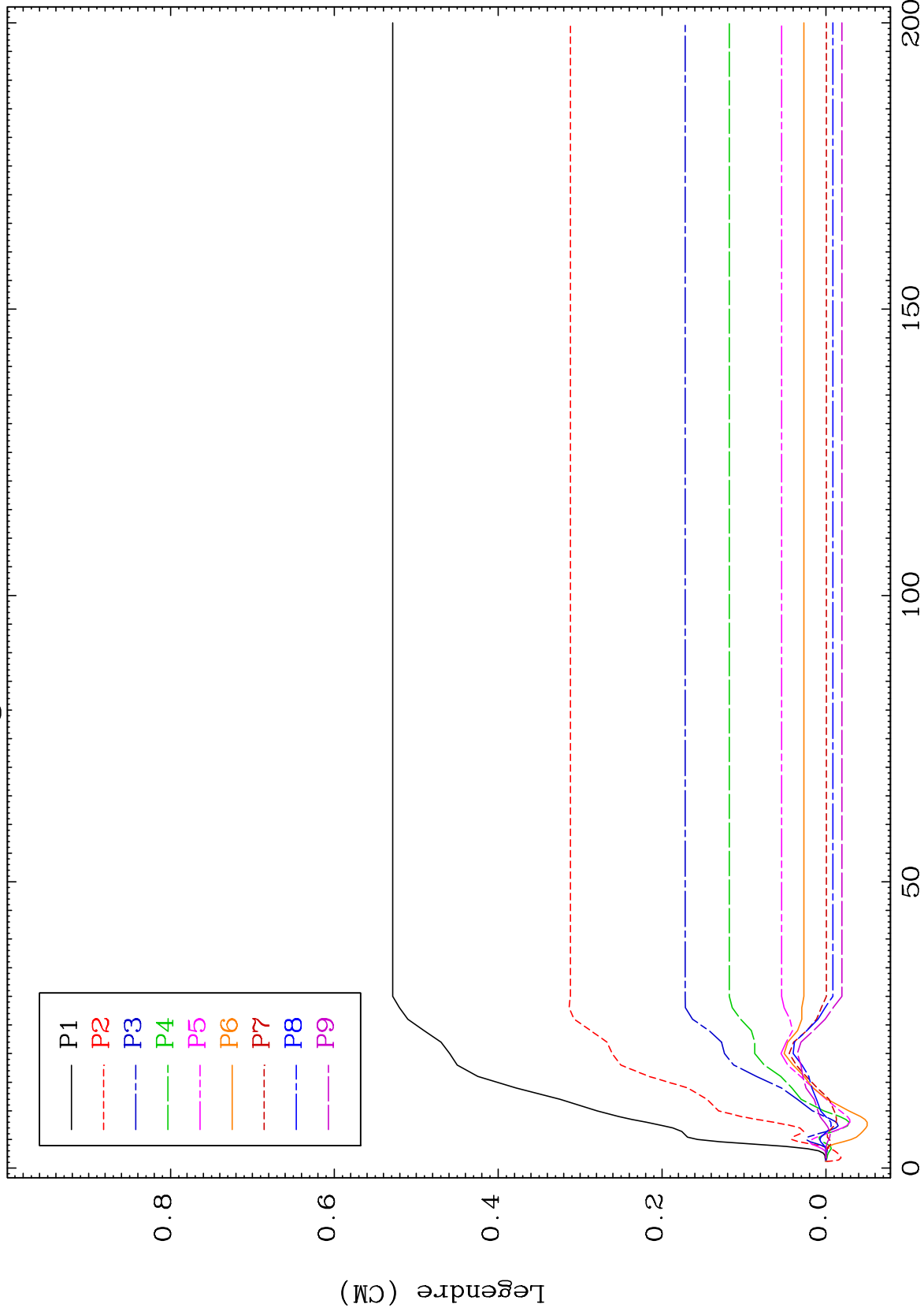
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



76

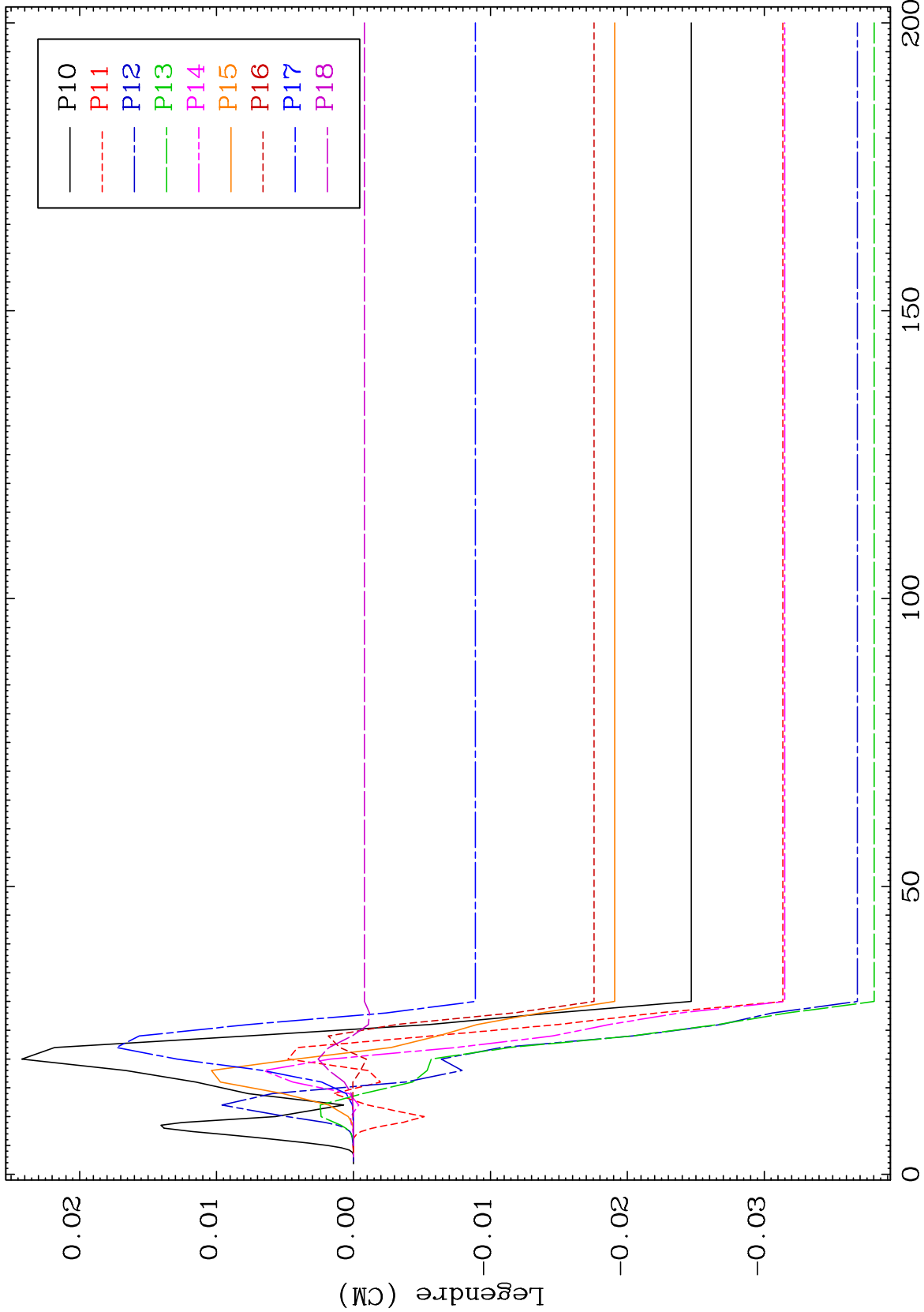
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



77

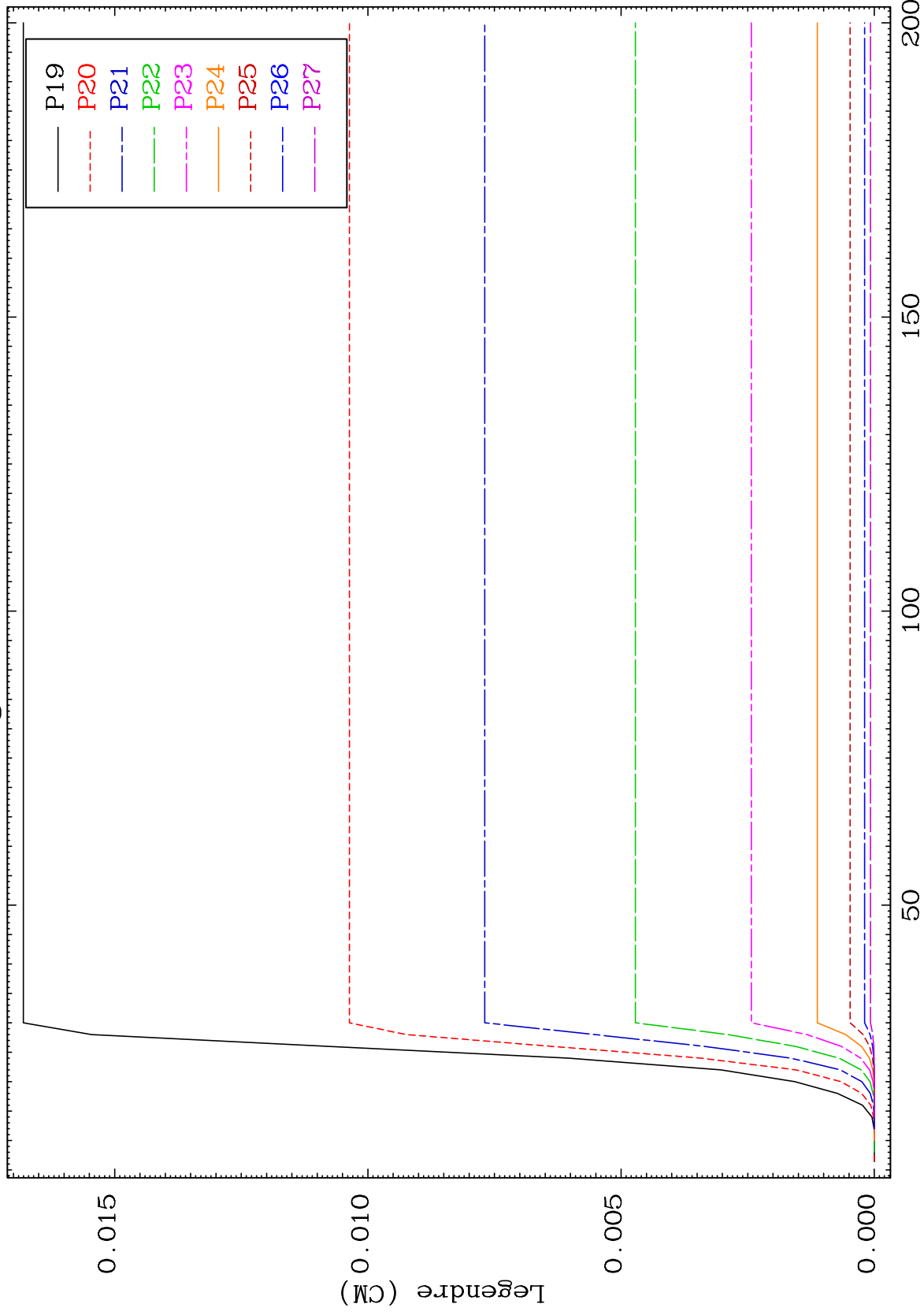
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



78

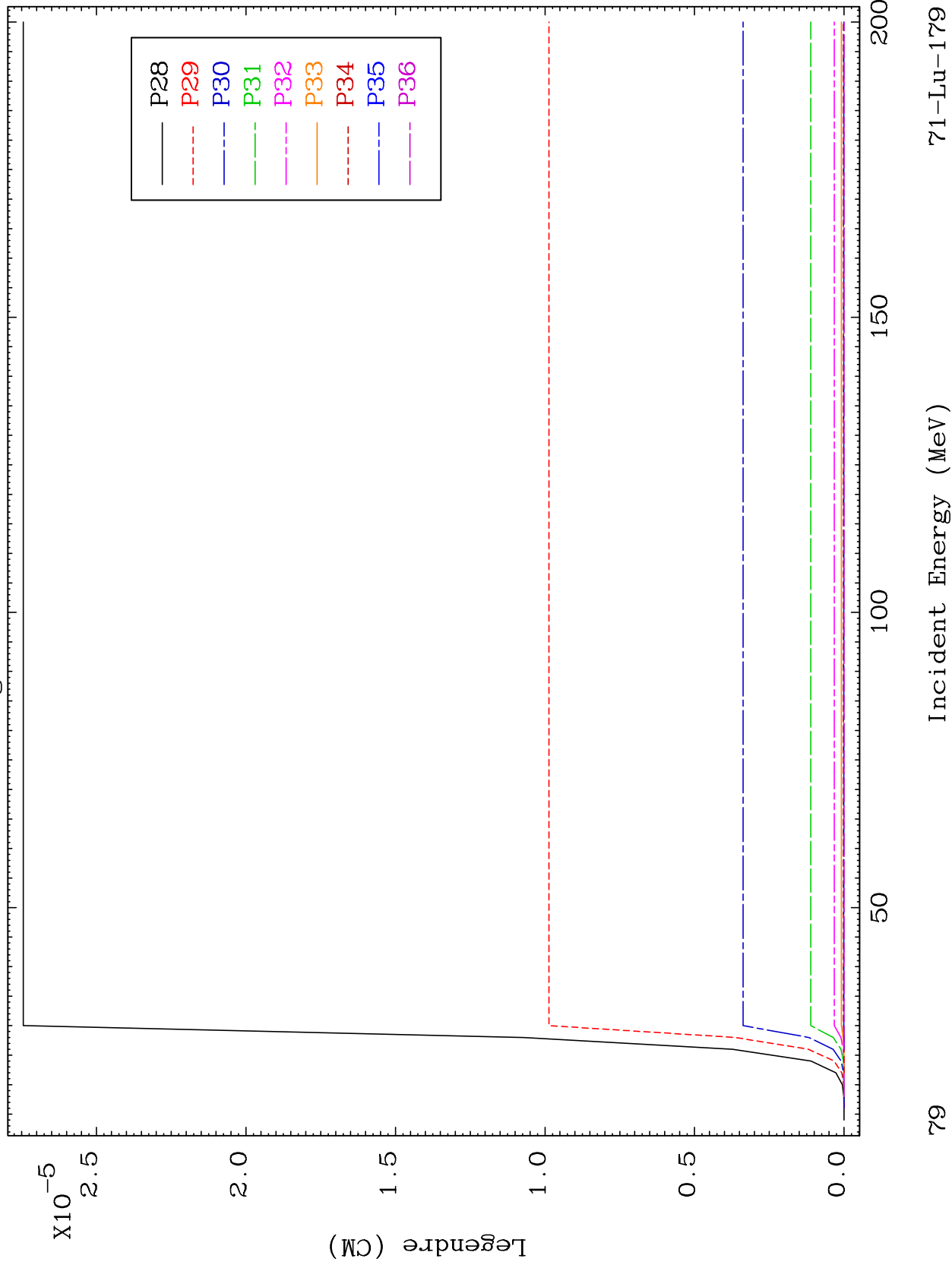
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



79

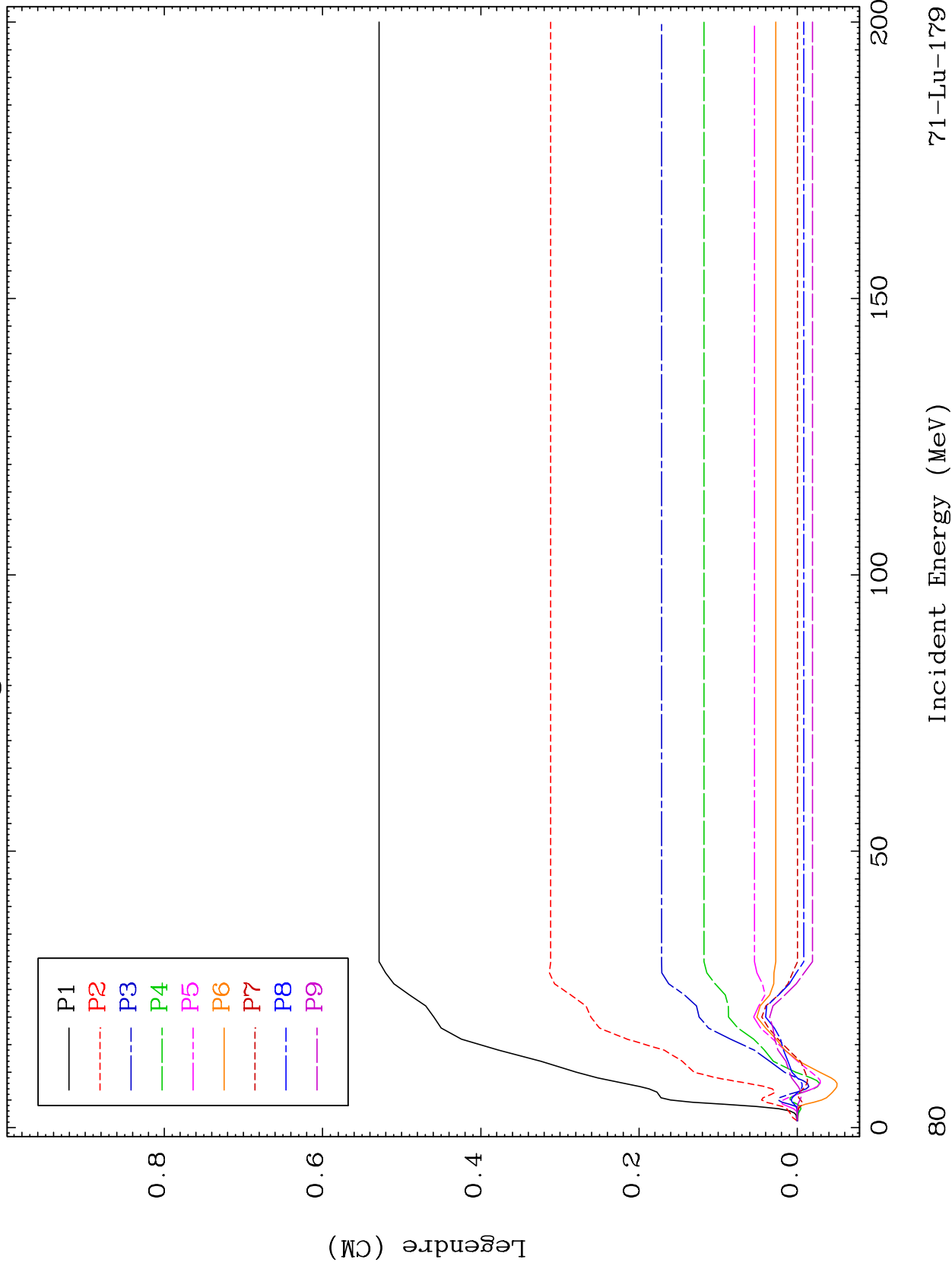
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



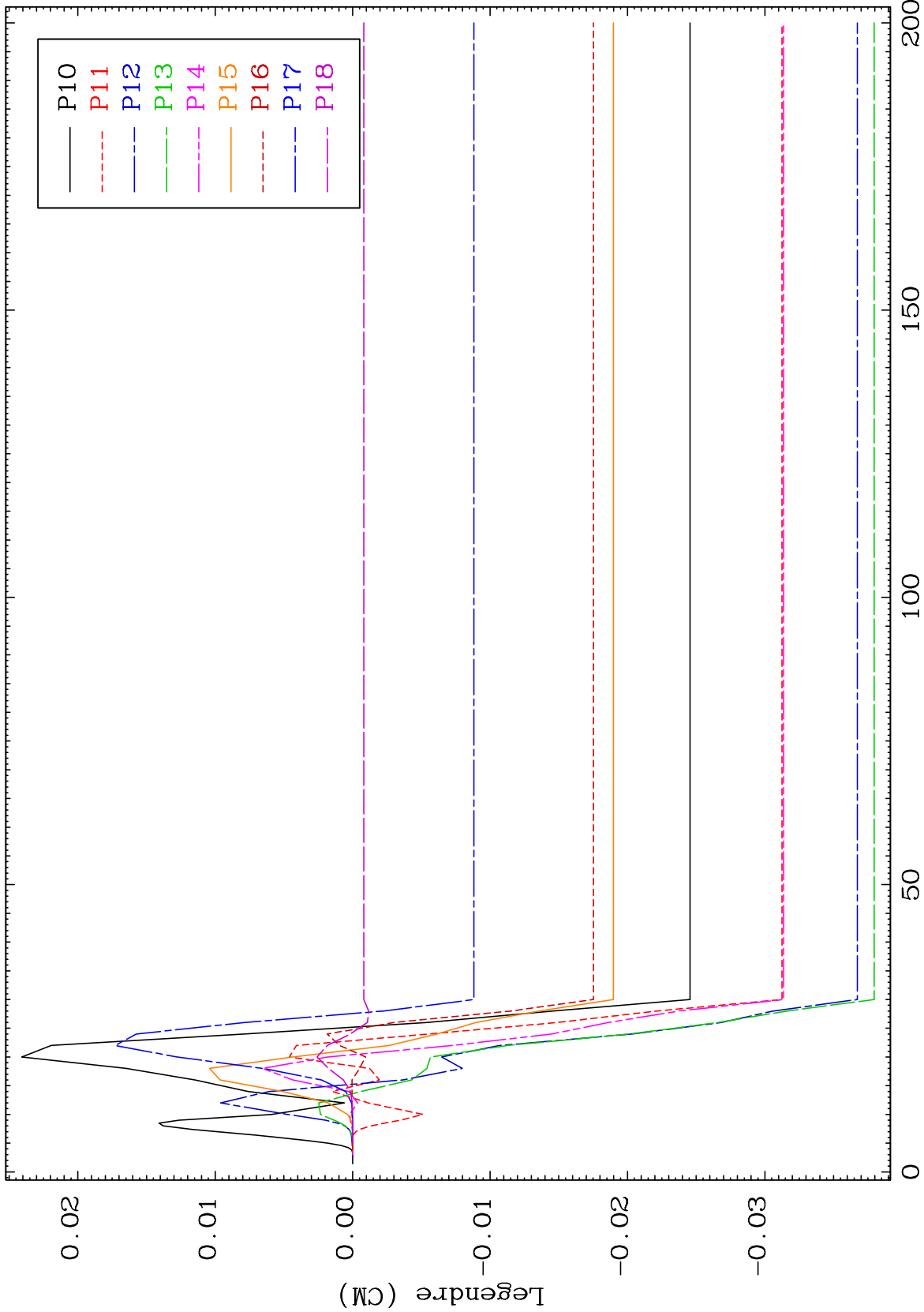
71-Lu-179

Incident Energy (MeV)

MAT 7137

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

71-Lu-179



81

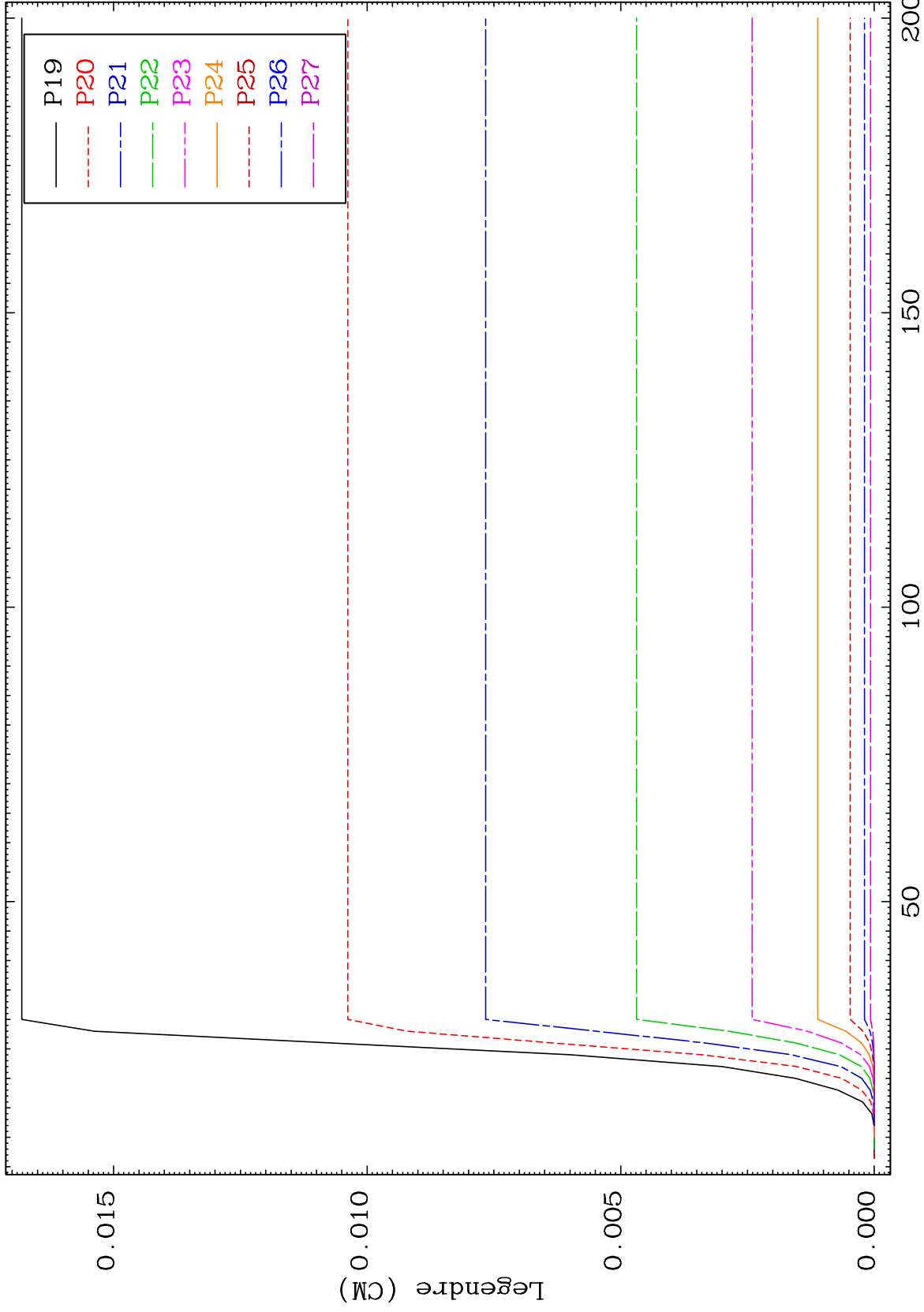
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



82

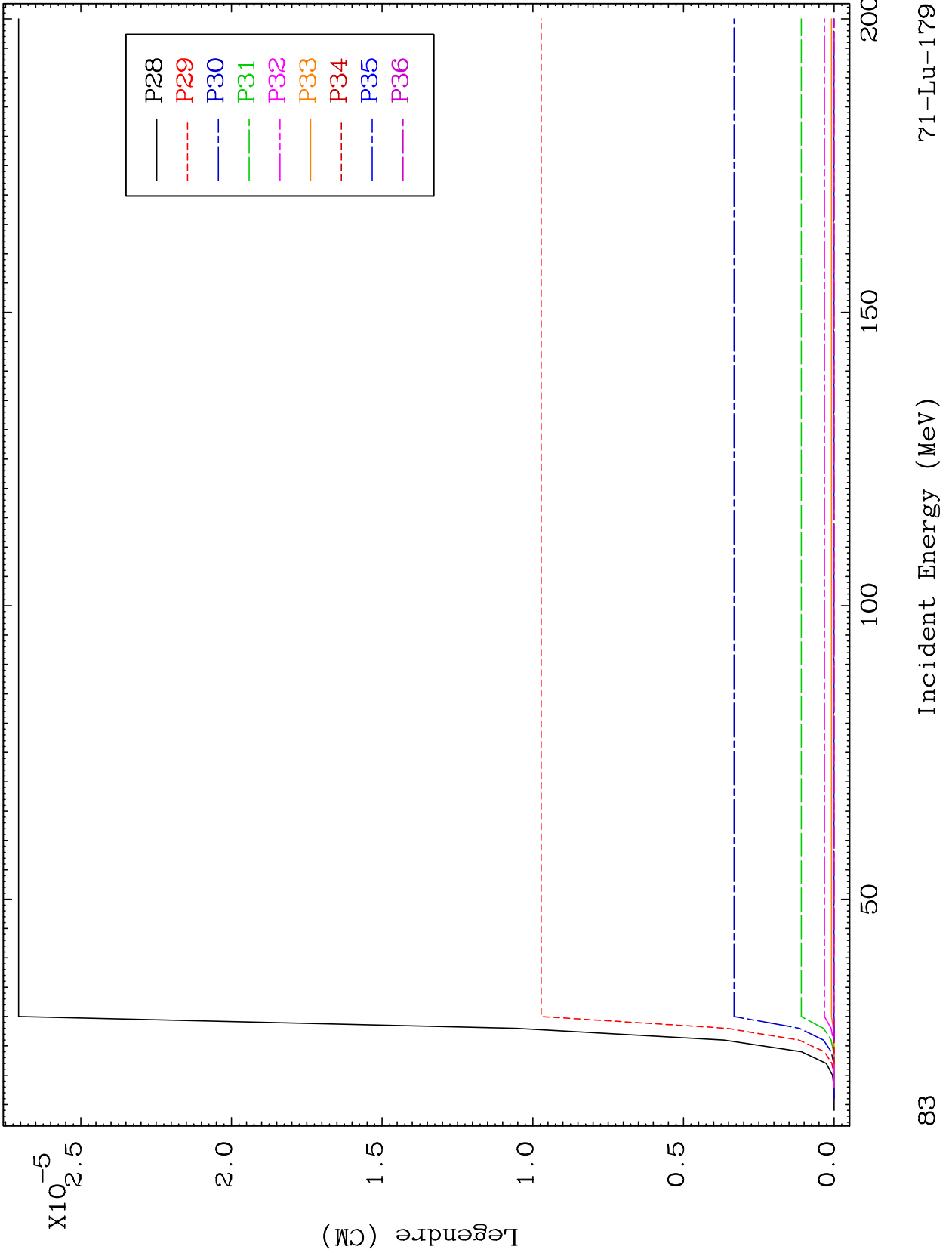
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

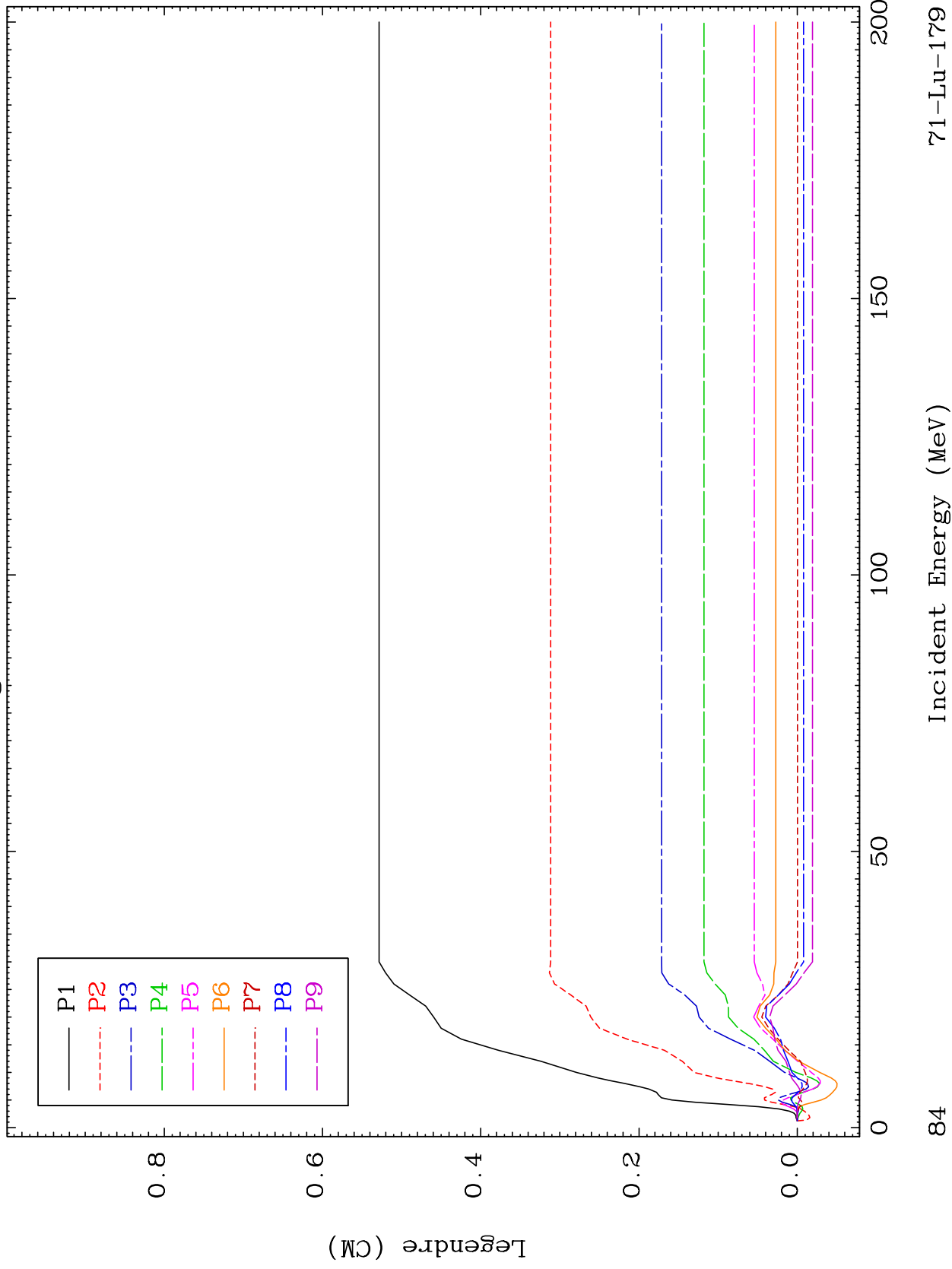
71-Lu-179



MAT 7137

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

71-Lu-179



71-Lu-179

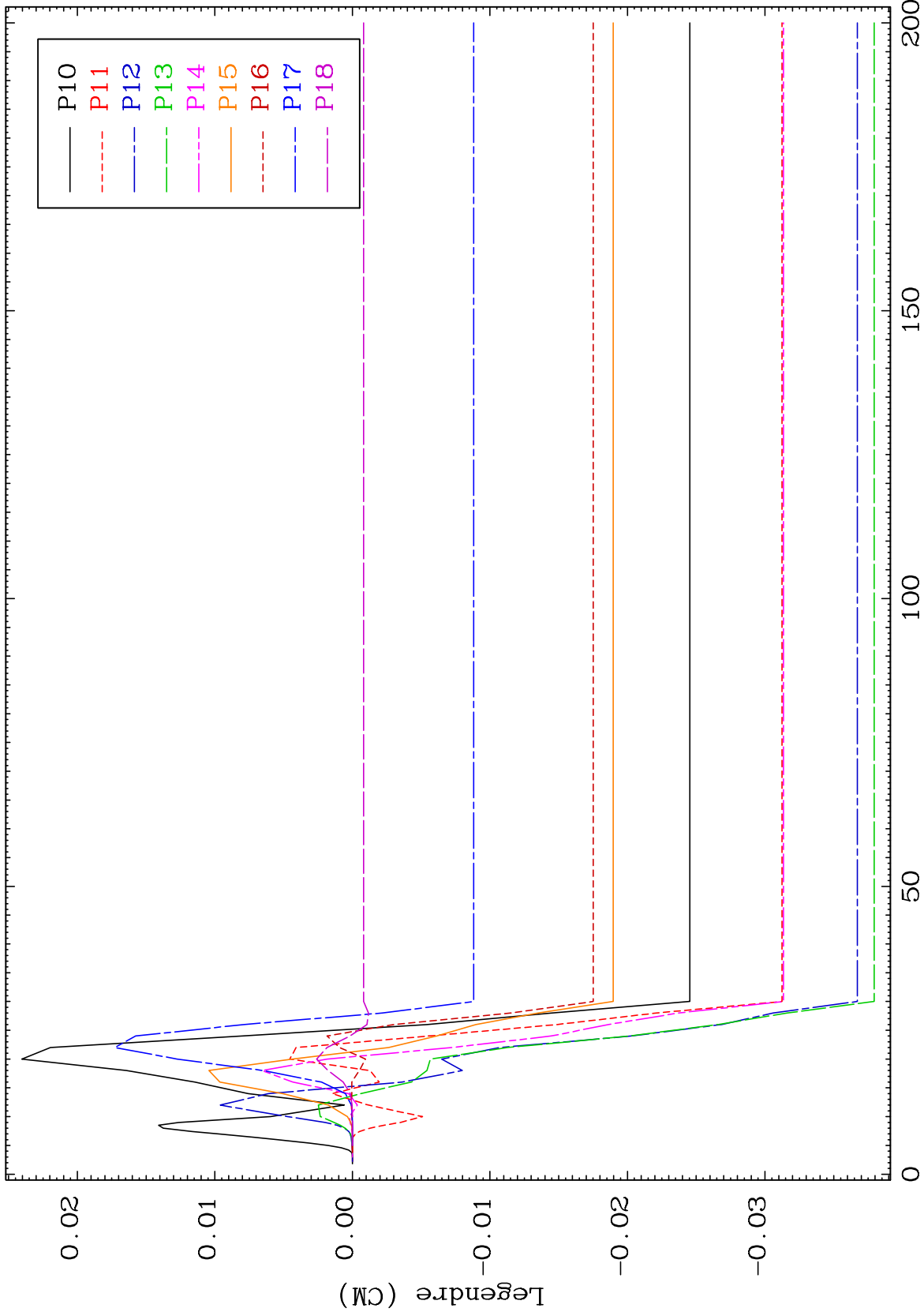
Incident Energy (MeV)

84

MAT 7137

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

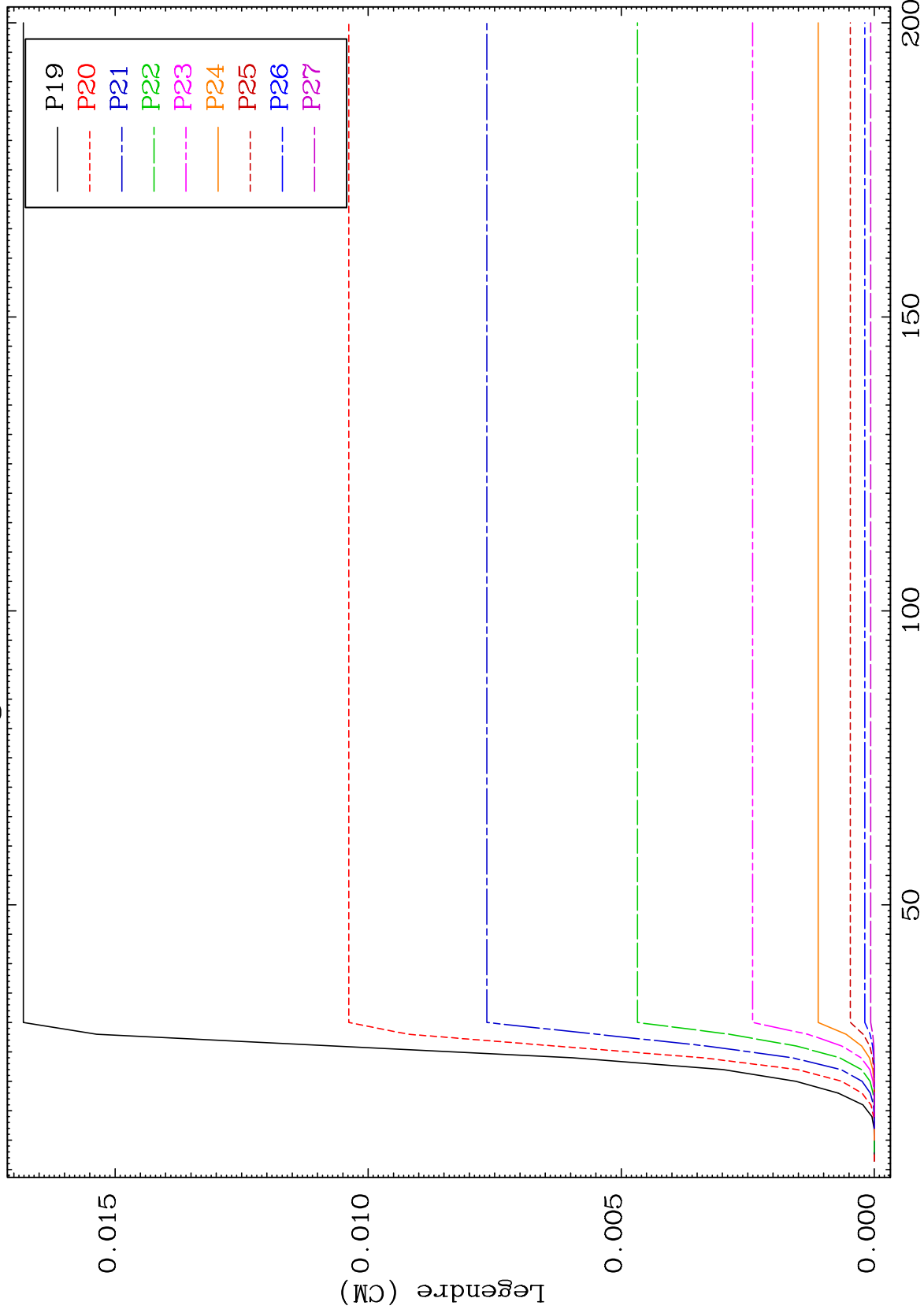
71-Lu-179



85

Incident Energy (MeV)

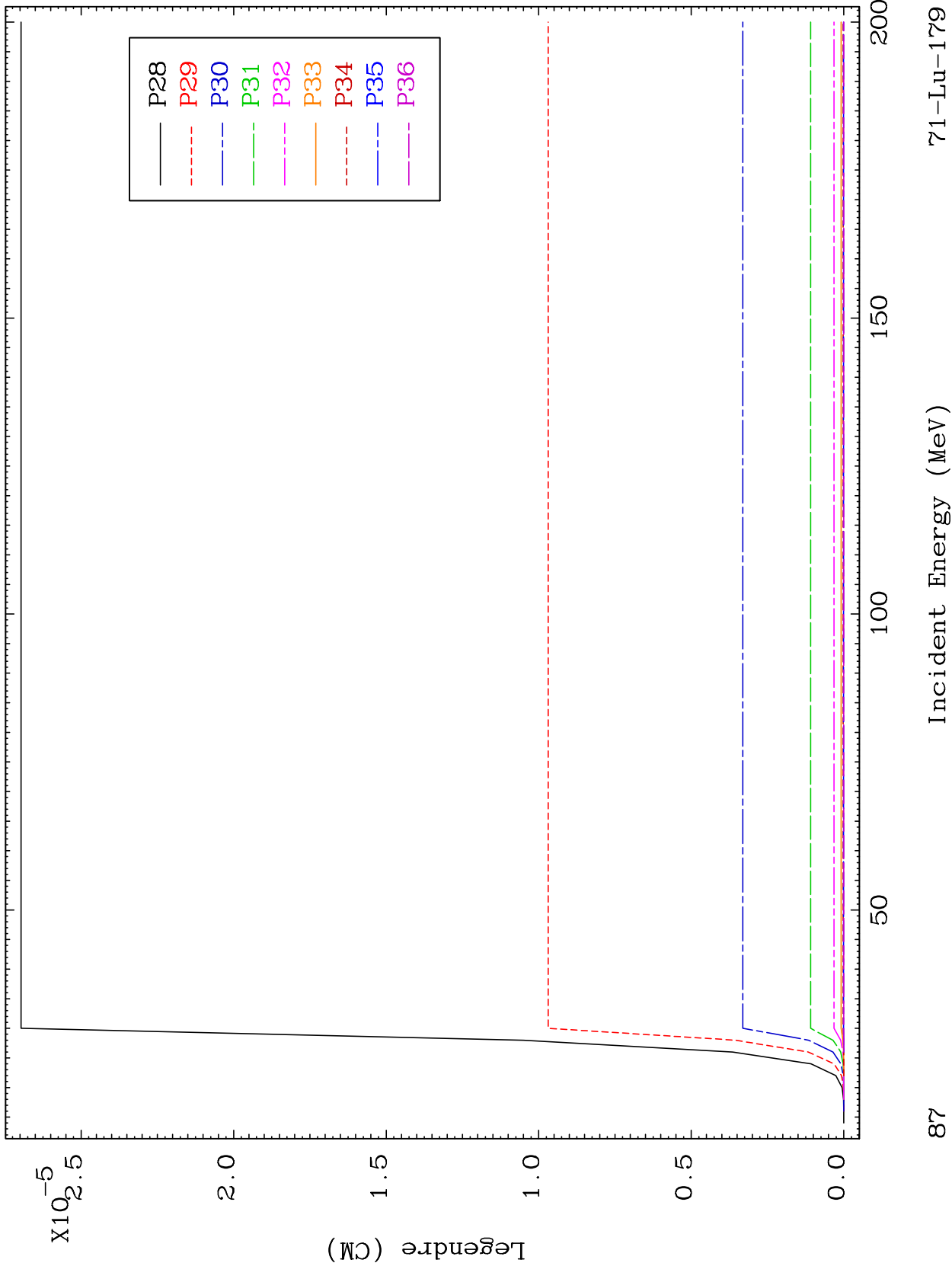
71-Lu-179



MAT 7137

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

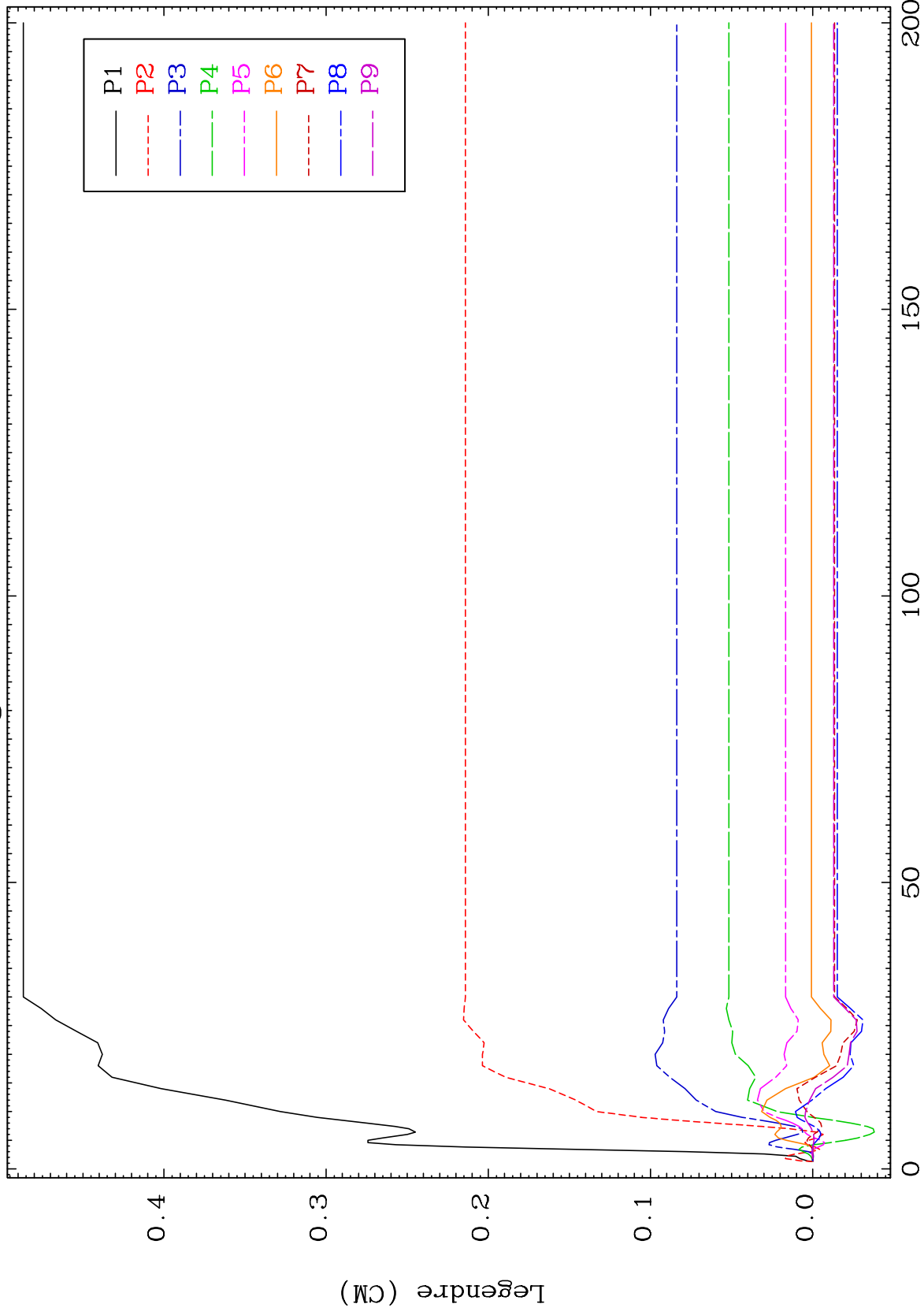
71-Lu-179



MAT 7137

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

71-Lu-179



88

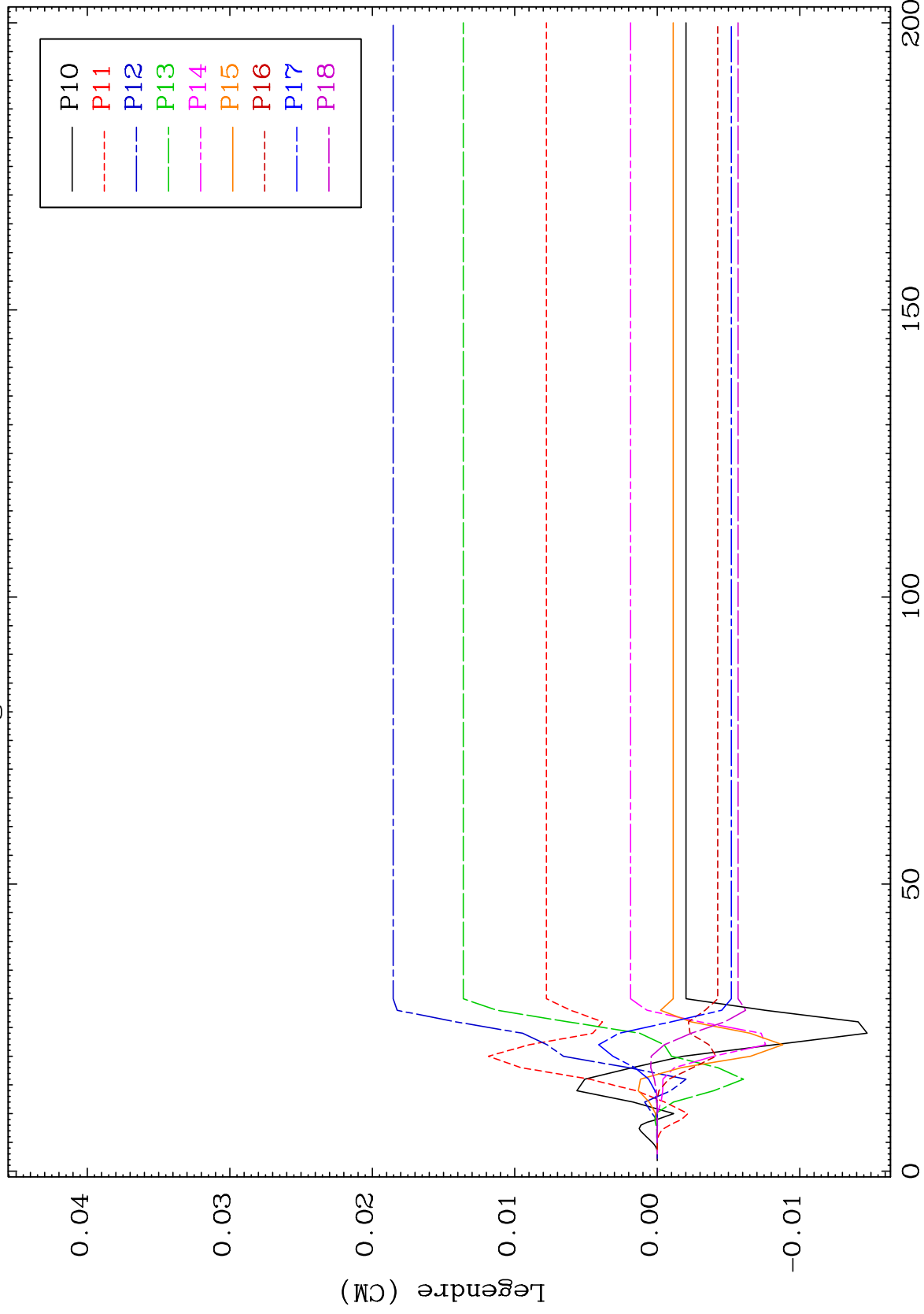
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



89

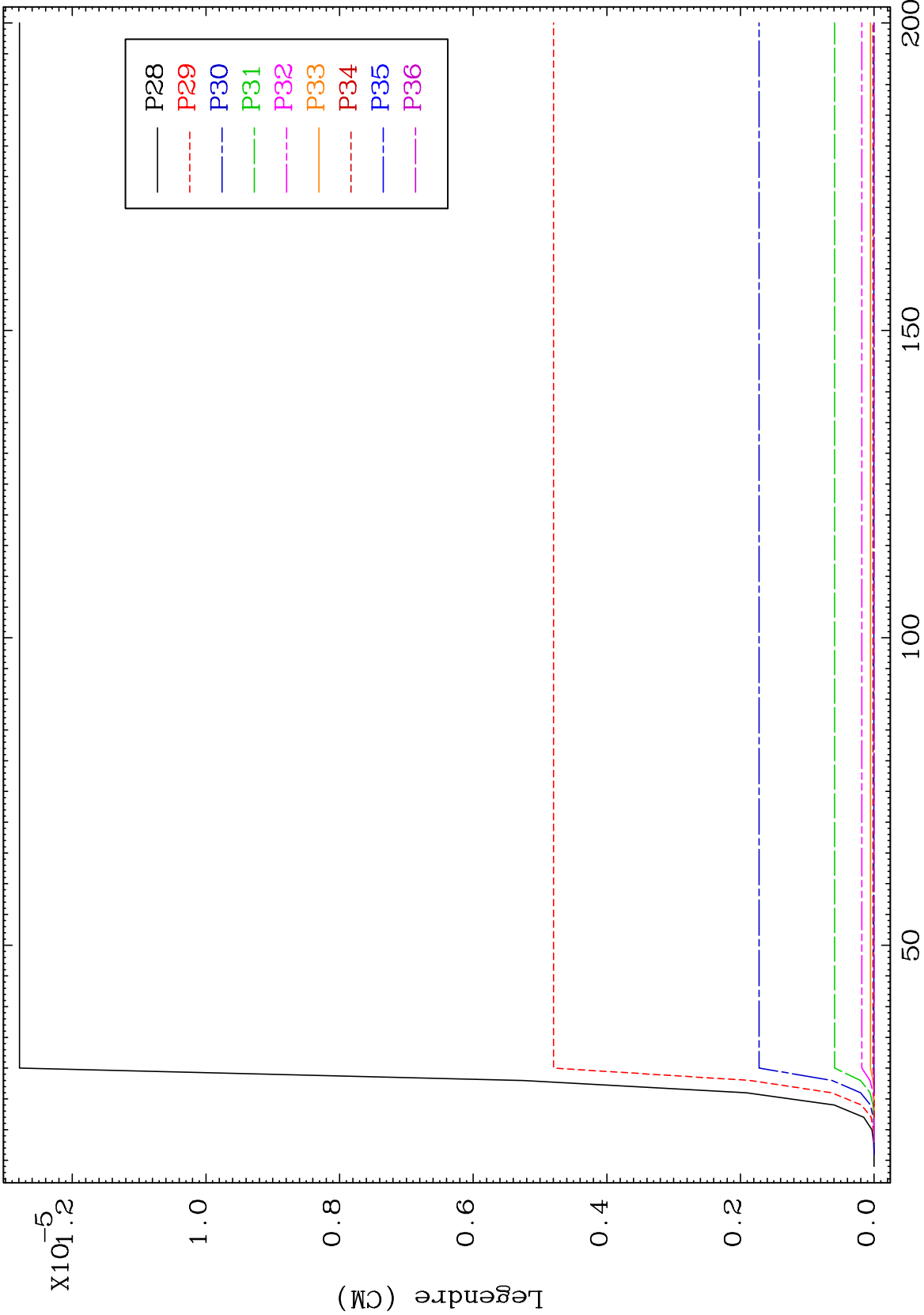
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



91

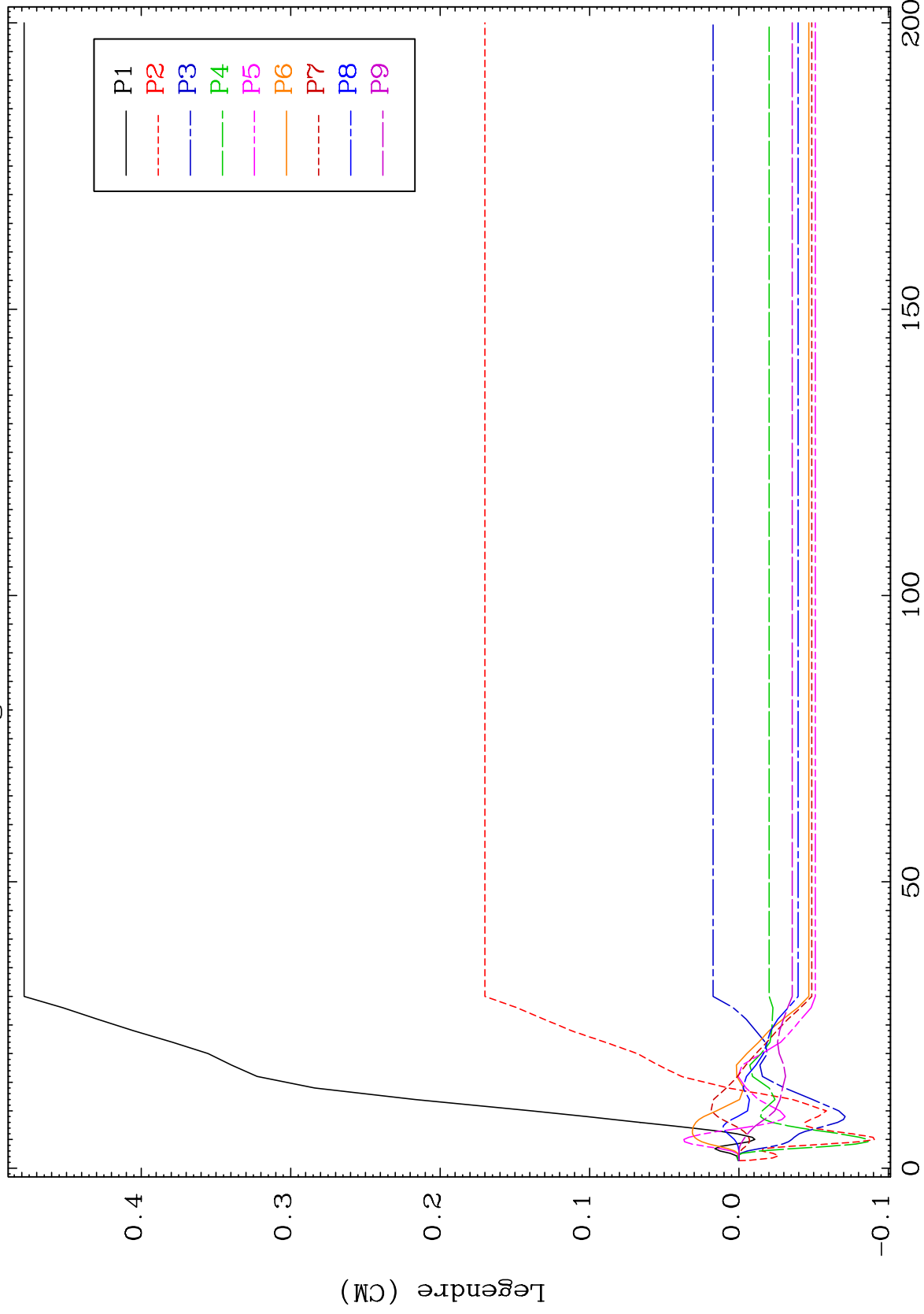
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



92

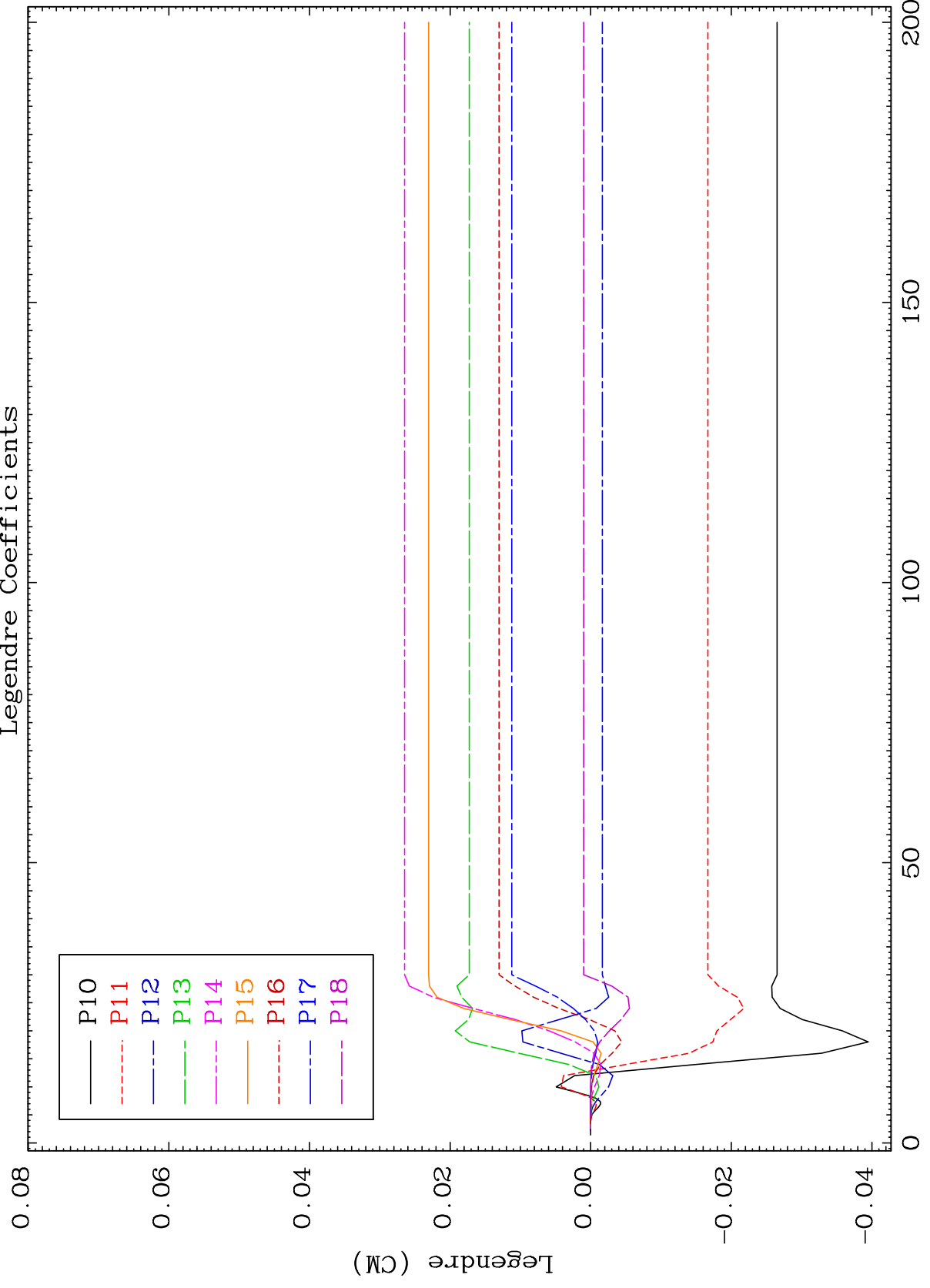
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



93

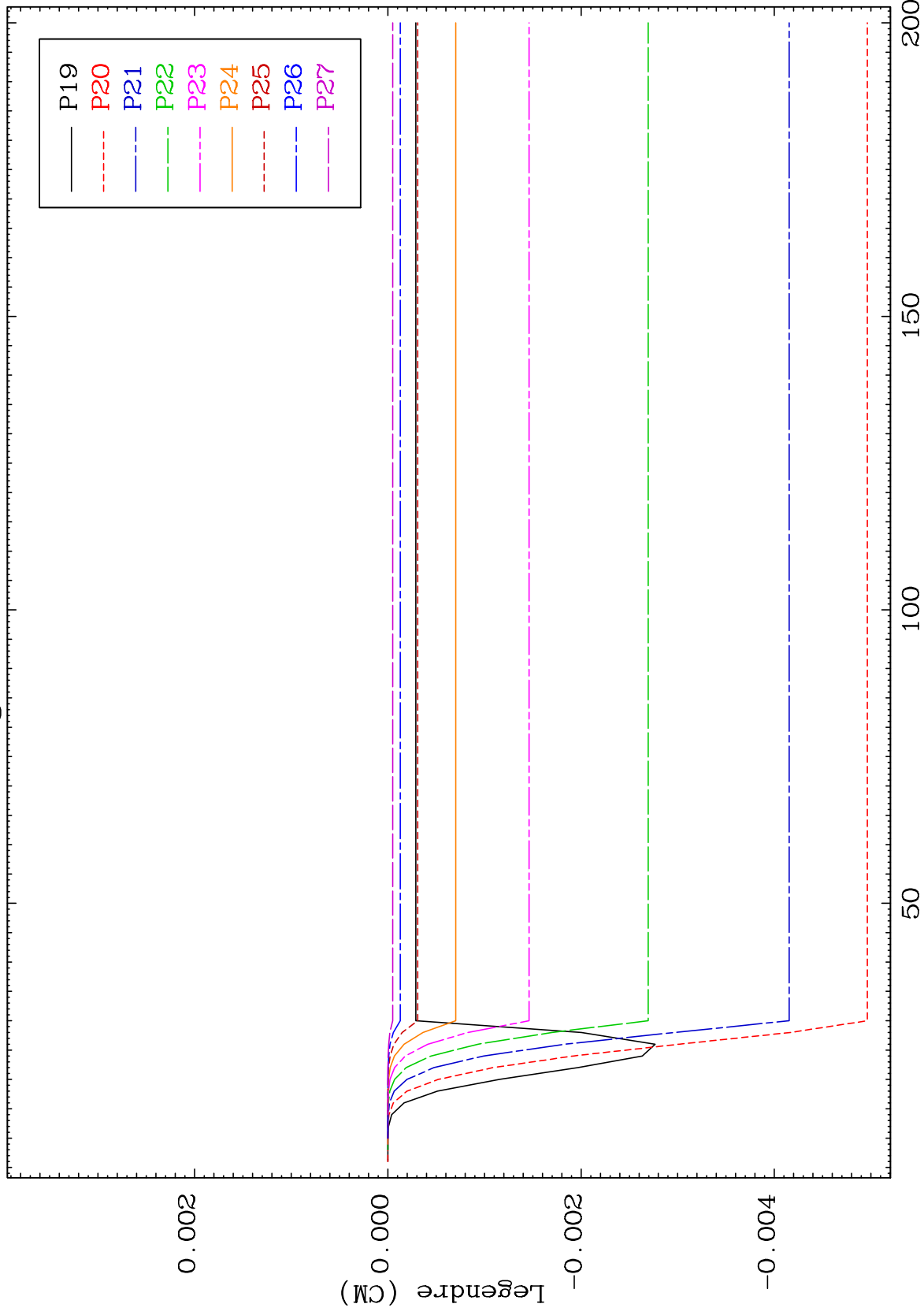
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



94

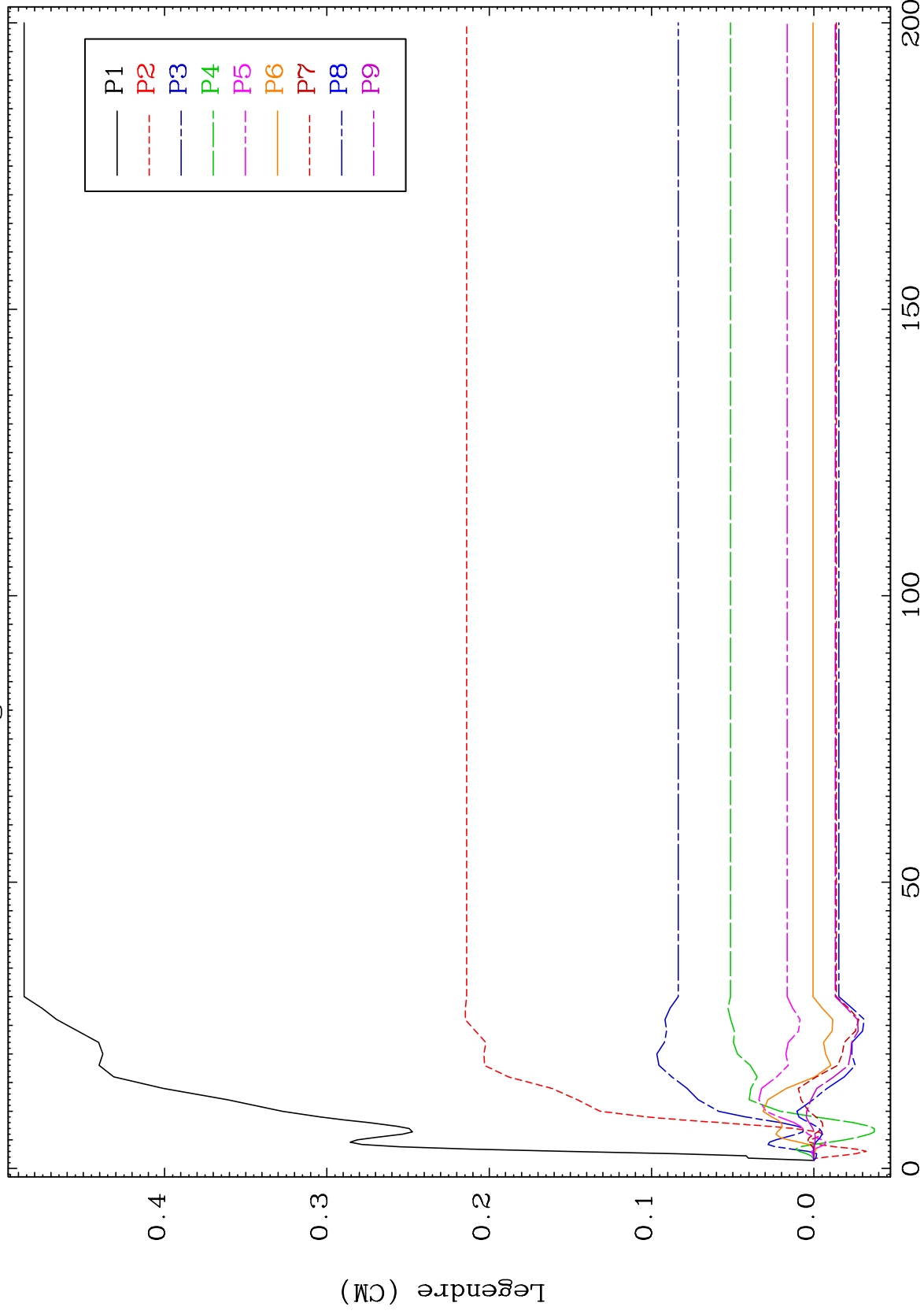
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



96

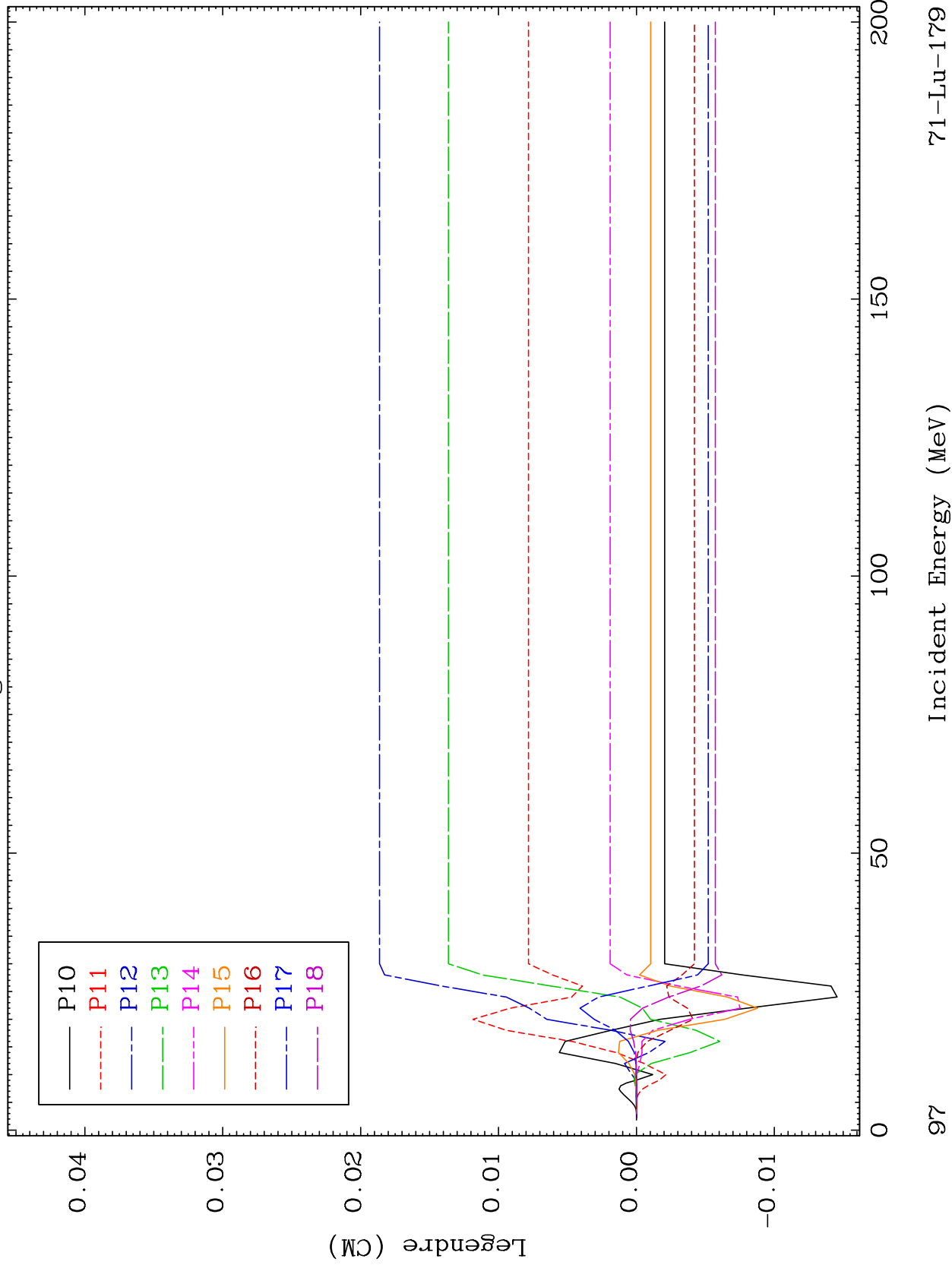
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

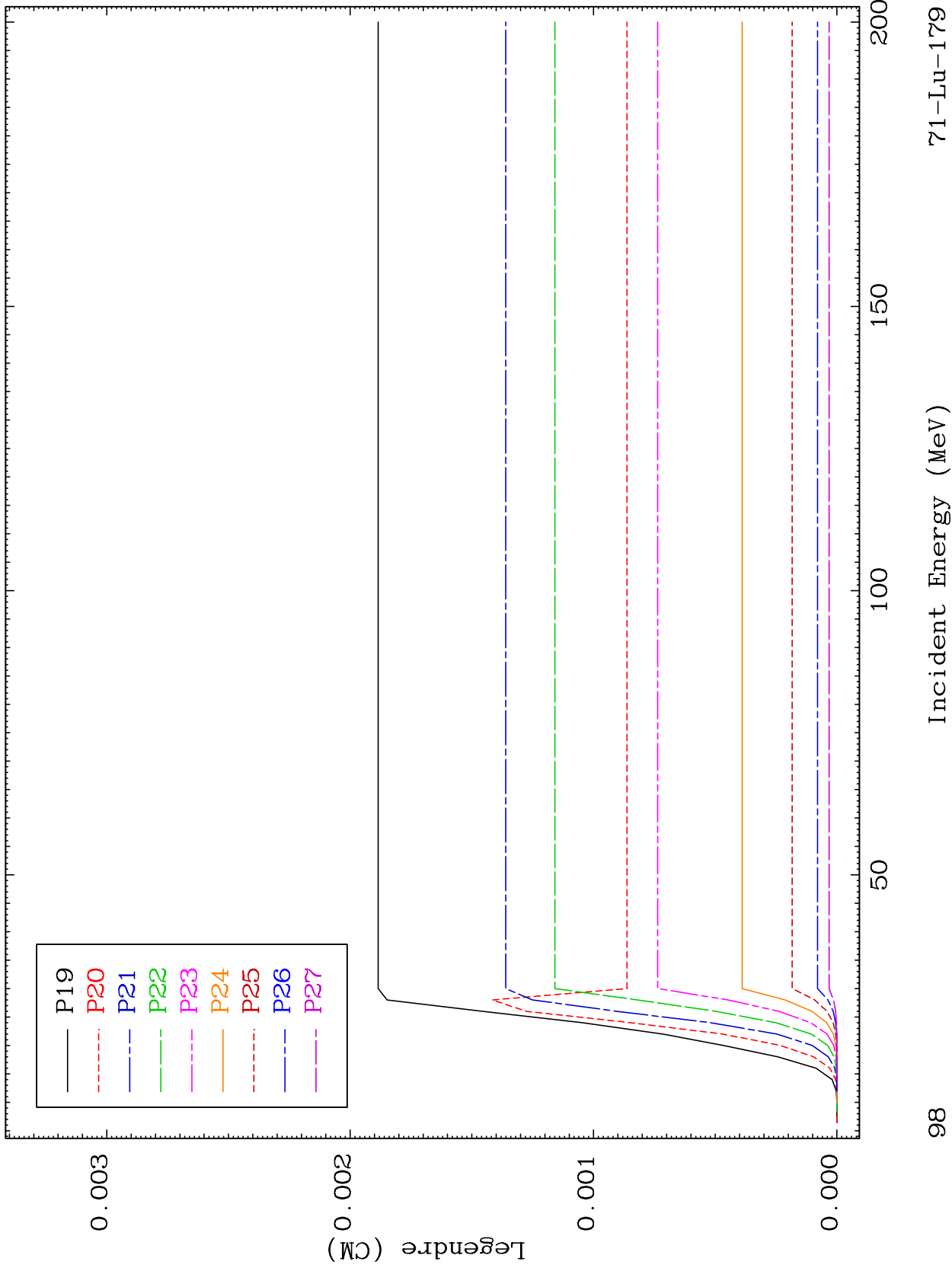
71-Lu-179



71-Lu-179

Incident Energy (MeV)

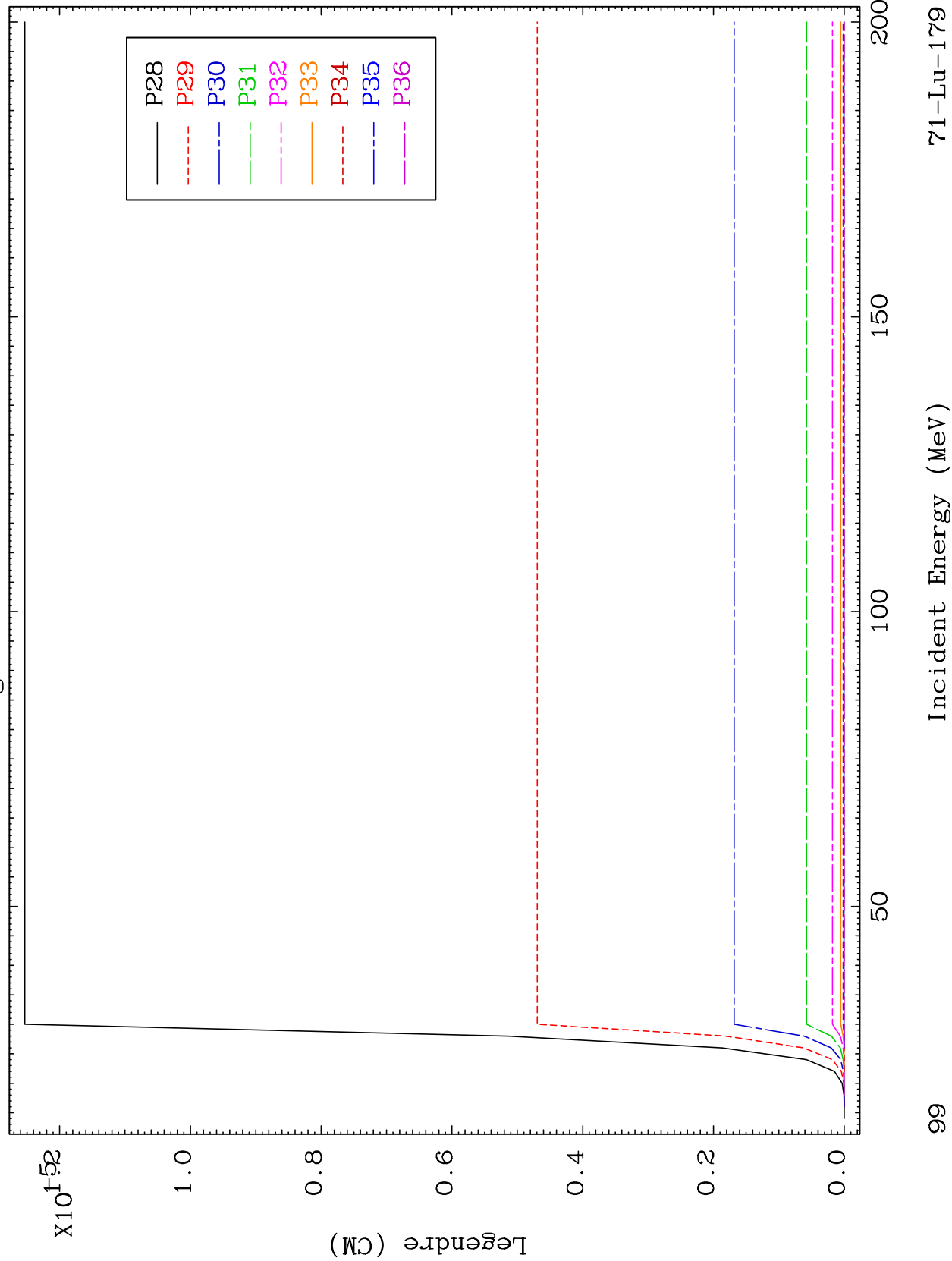
97



MAT 7137

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

71-Lu-179



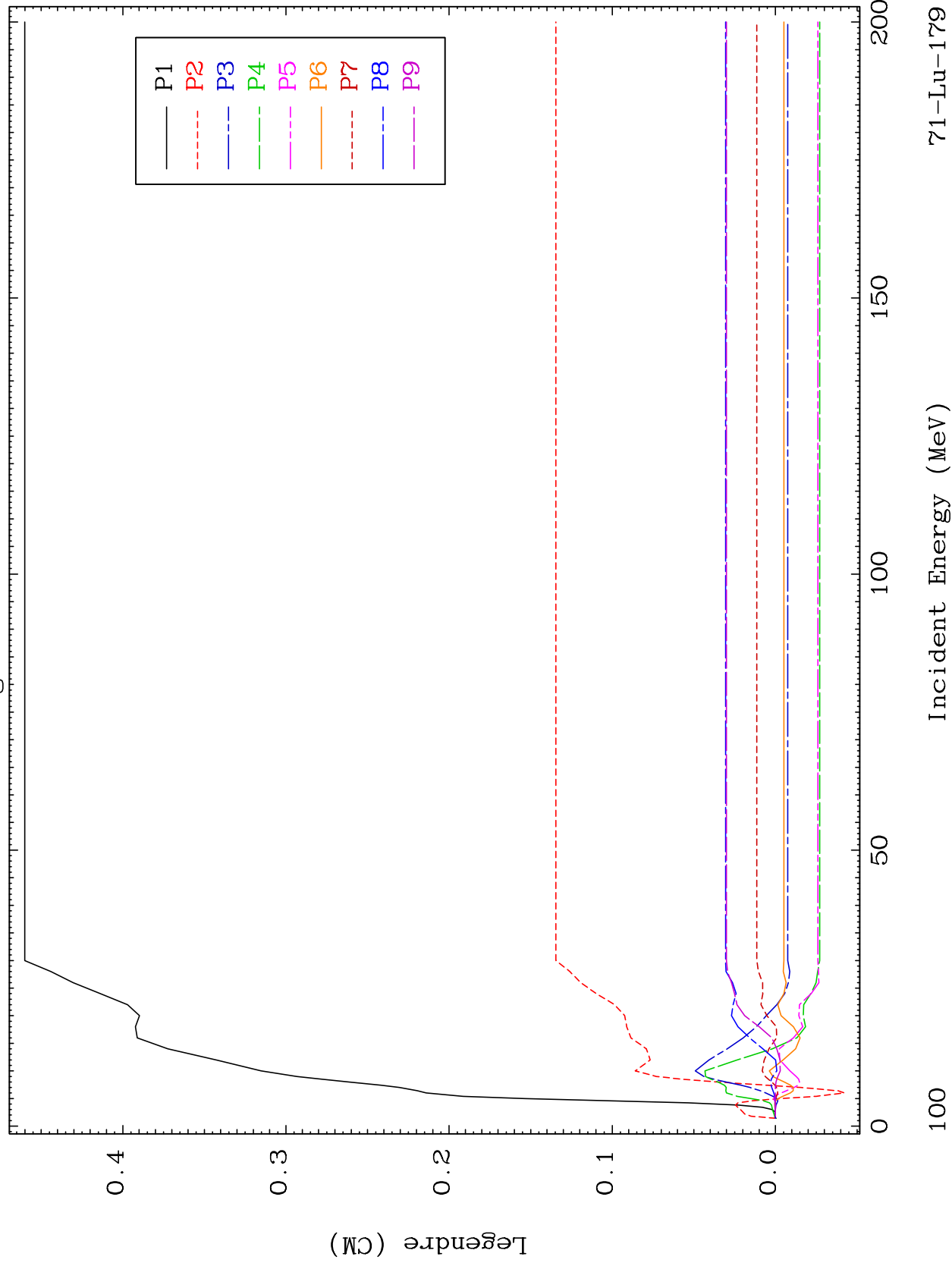
99

71-Lu-179

MAT 7137

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

71-Lu-179

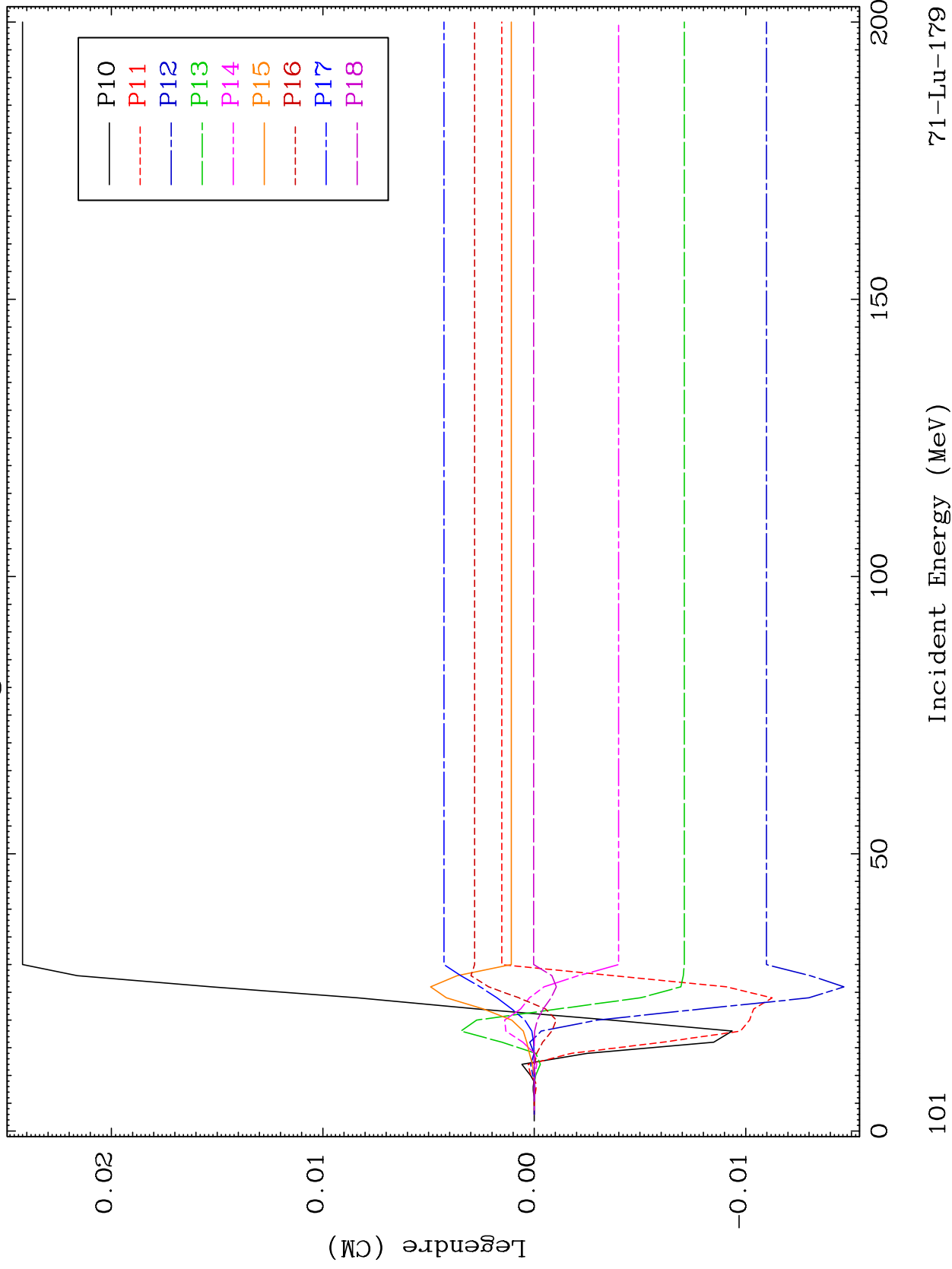


71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

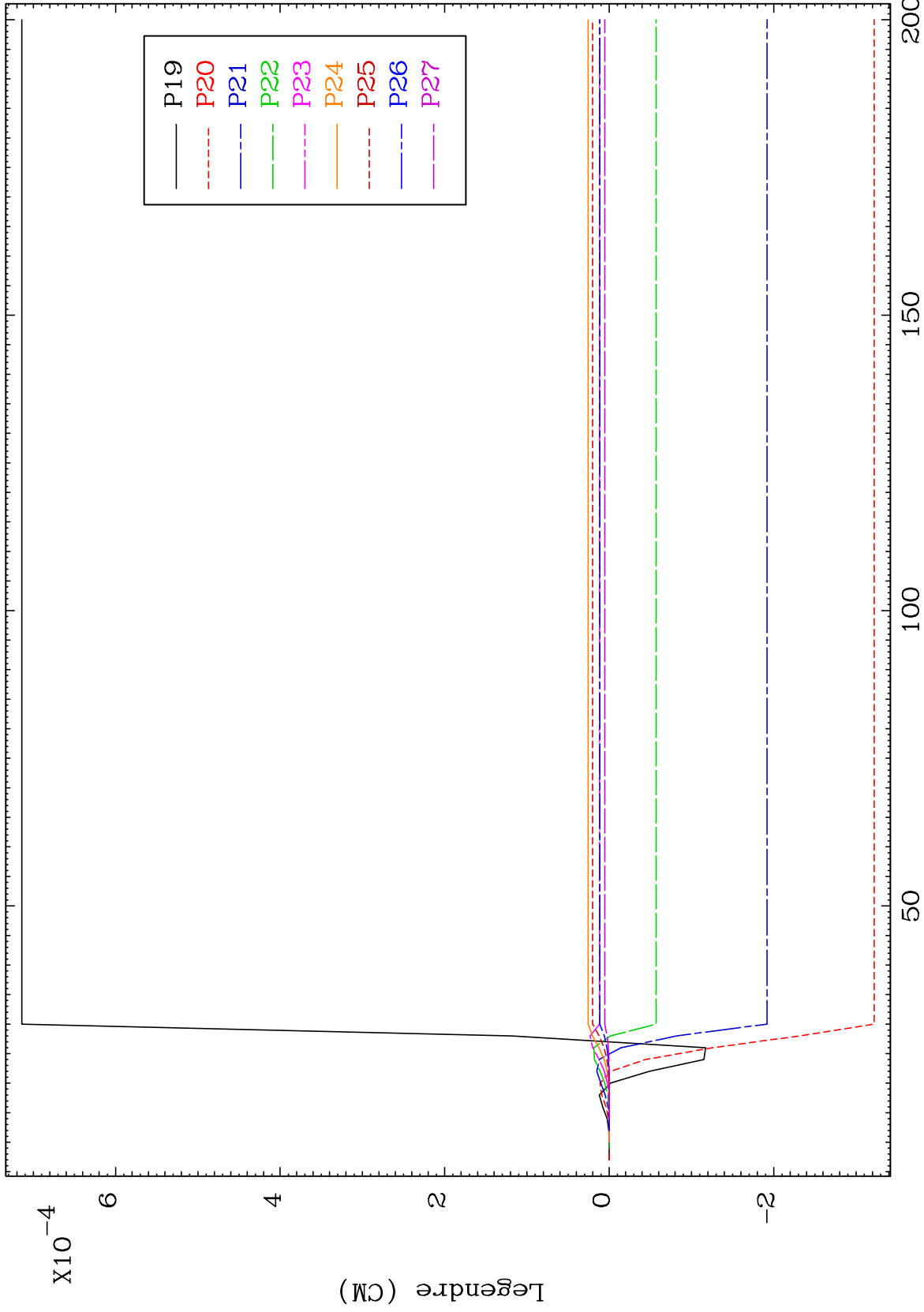
Incident Energy (MeV)

101

MAT 7137

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

71-Lu-179



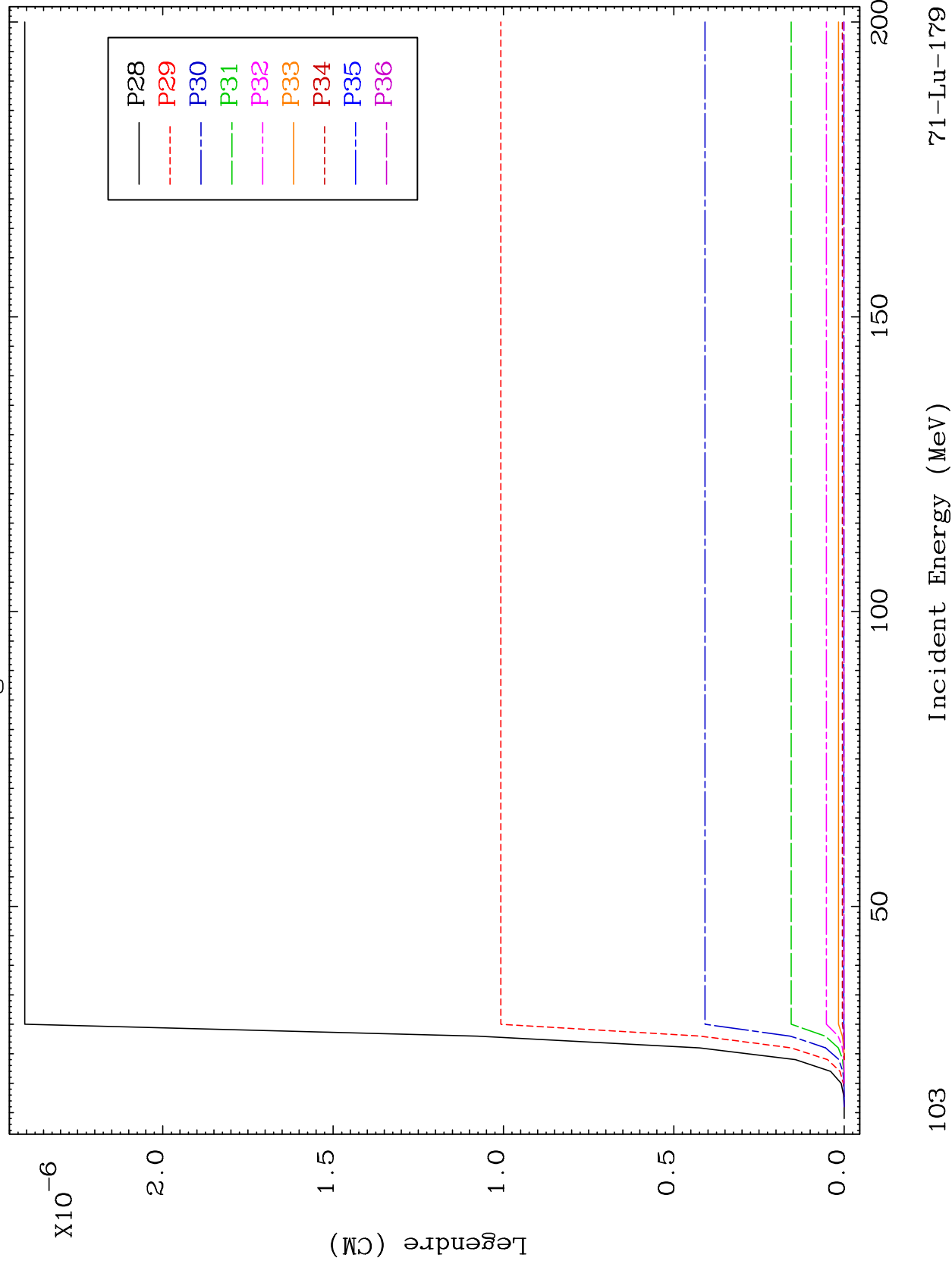
102

71-Lu-179

MAT 7137

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

71-Lu-179



103

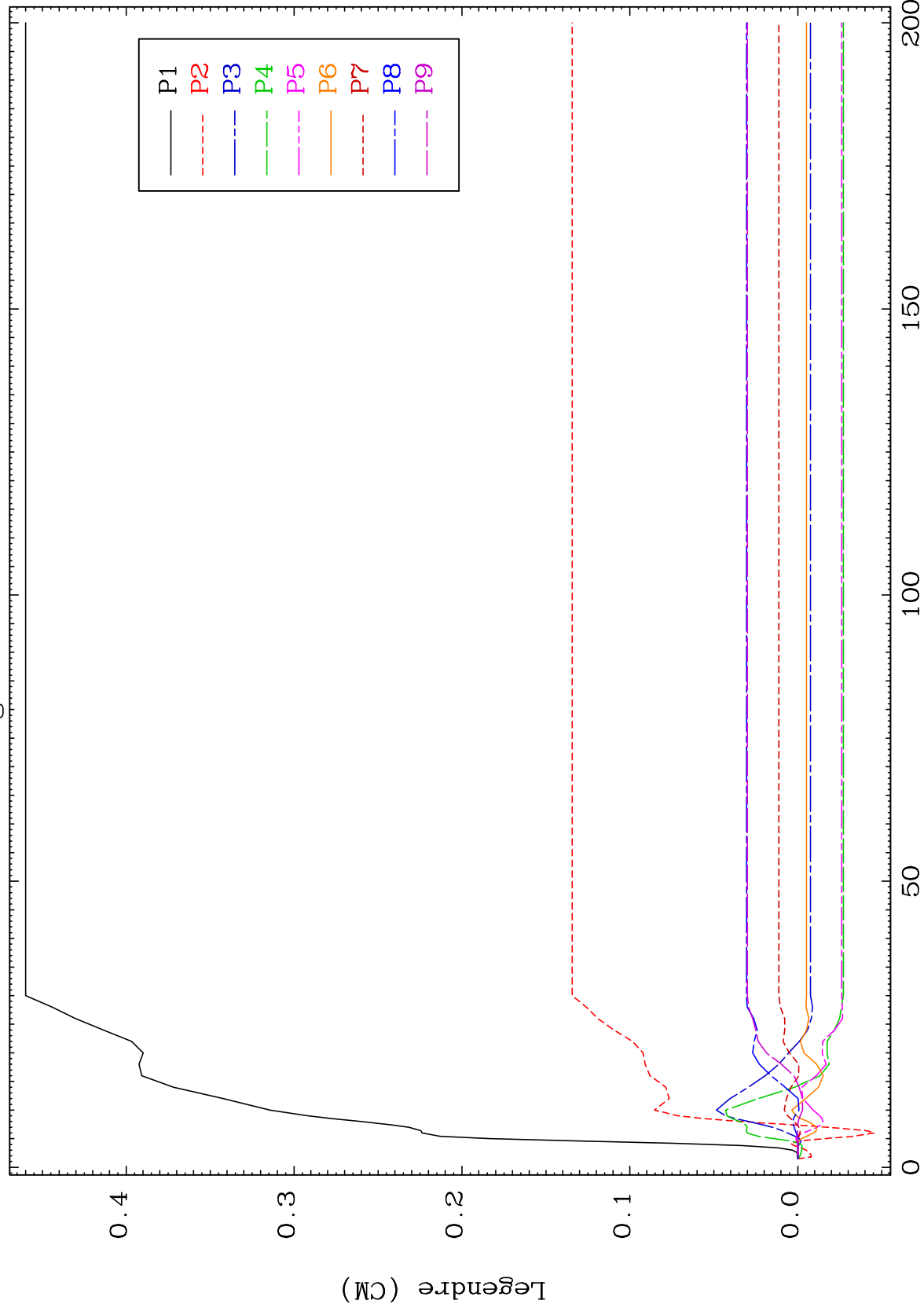
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

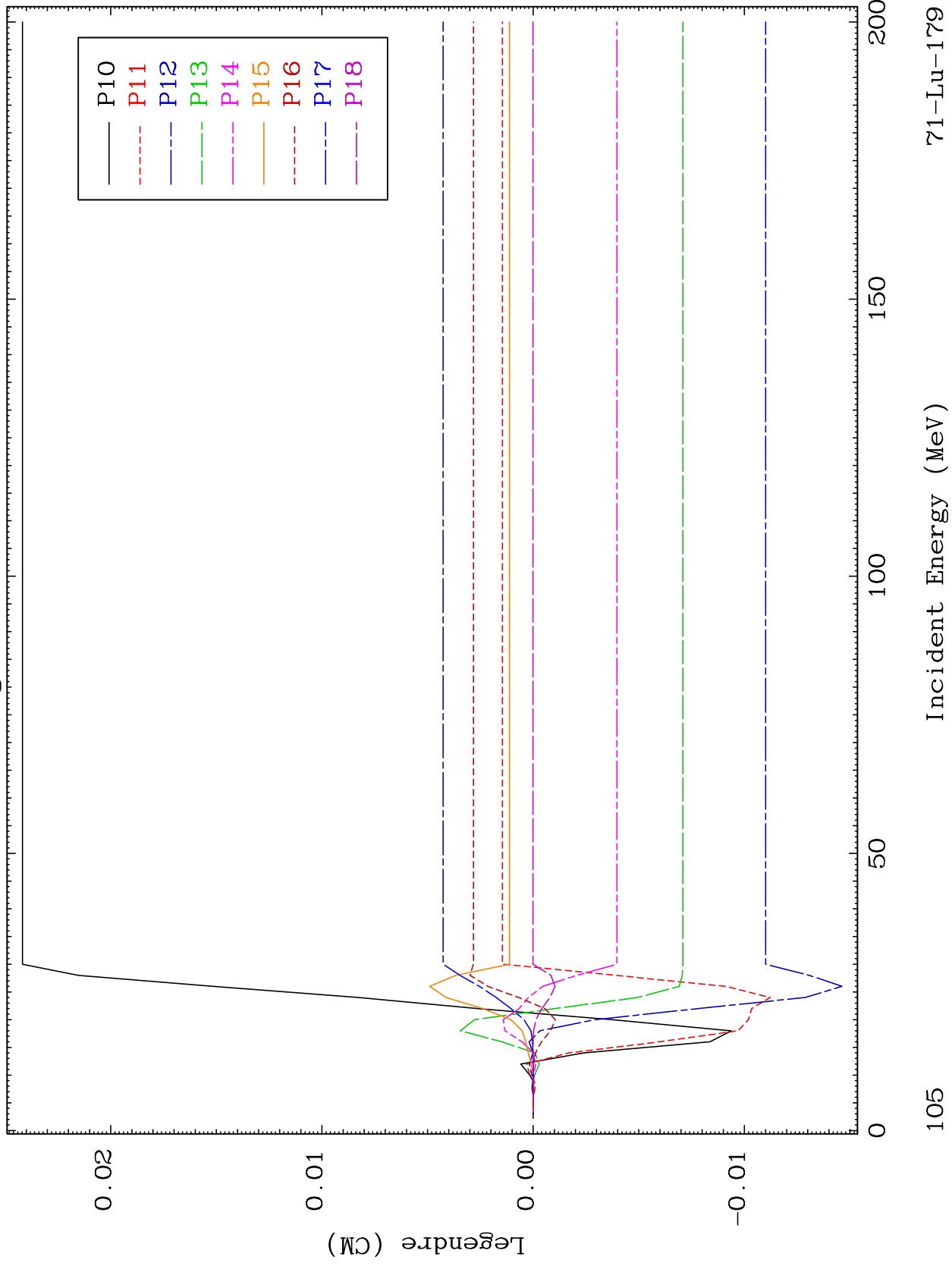
Incident Energy (MeV)

104

MAT 7137

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

71-Lu-179



71-Lu-179

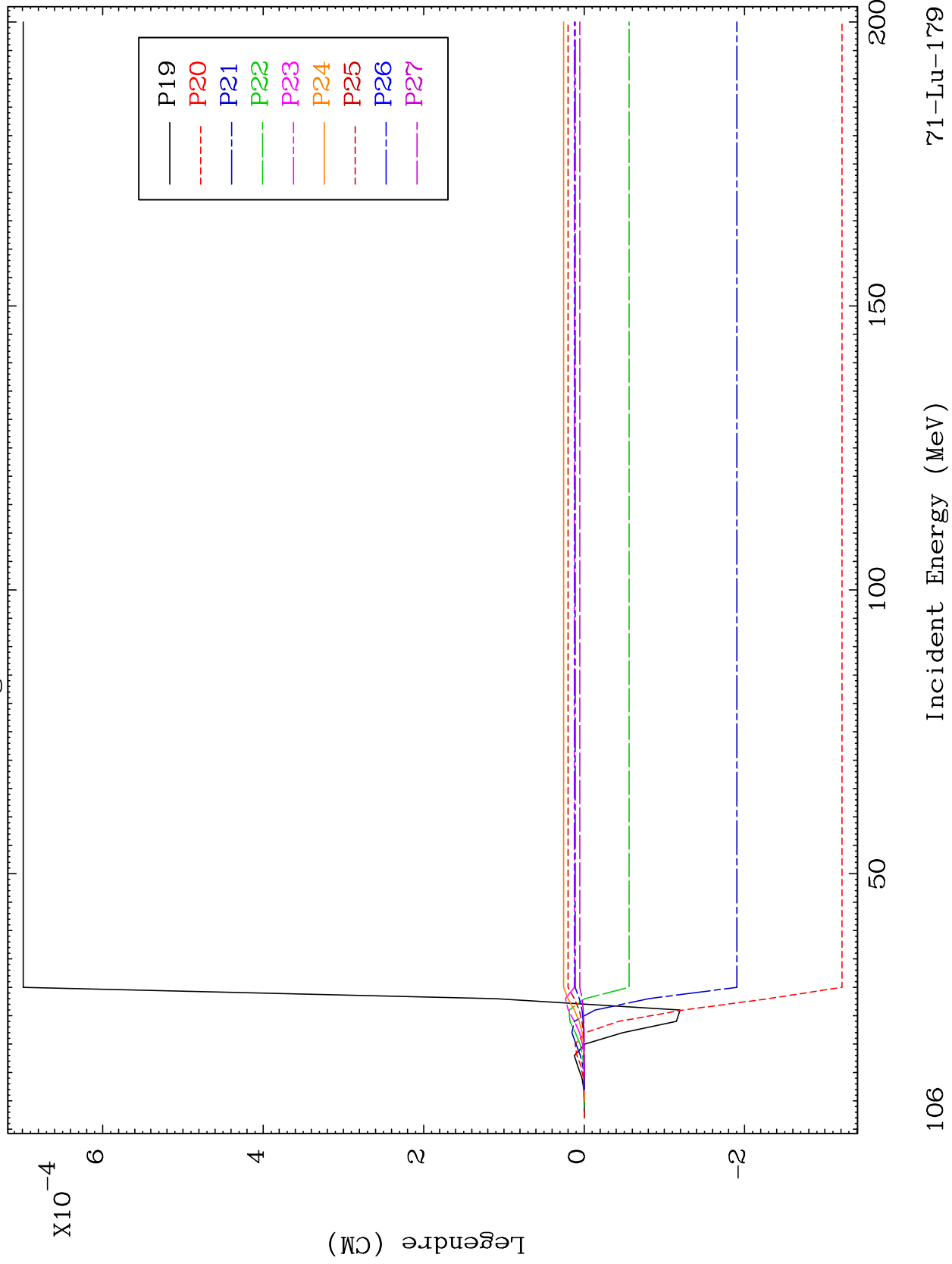
Incident Energy (MeV)

105

MAT 7137

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

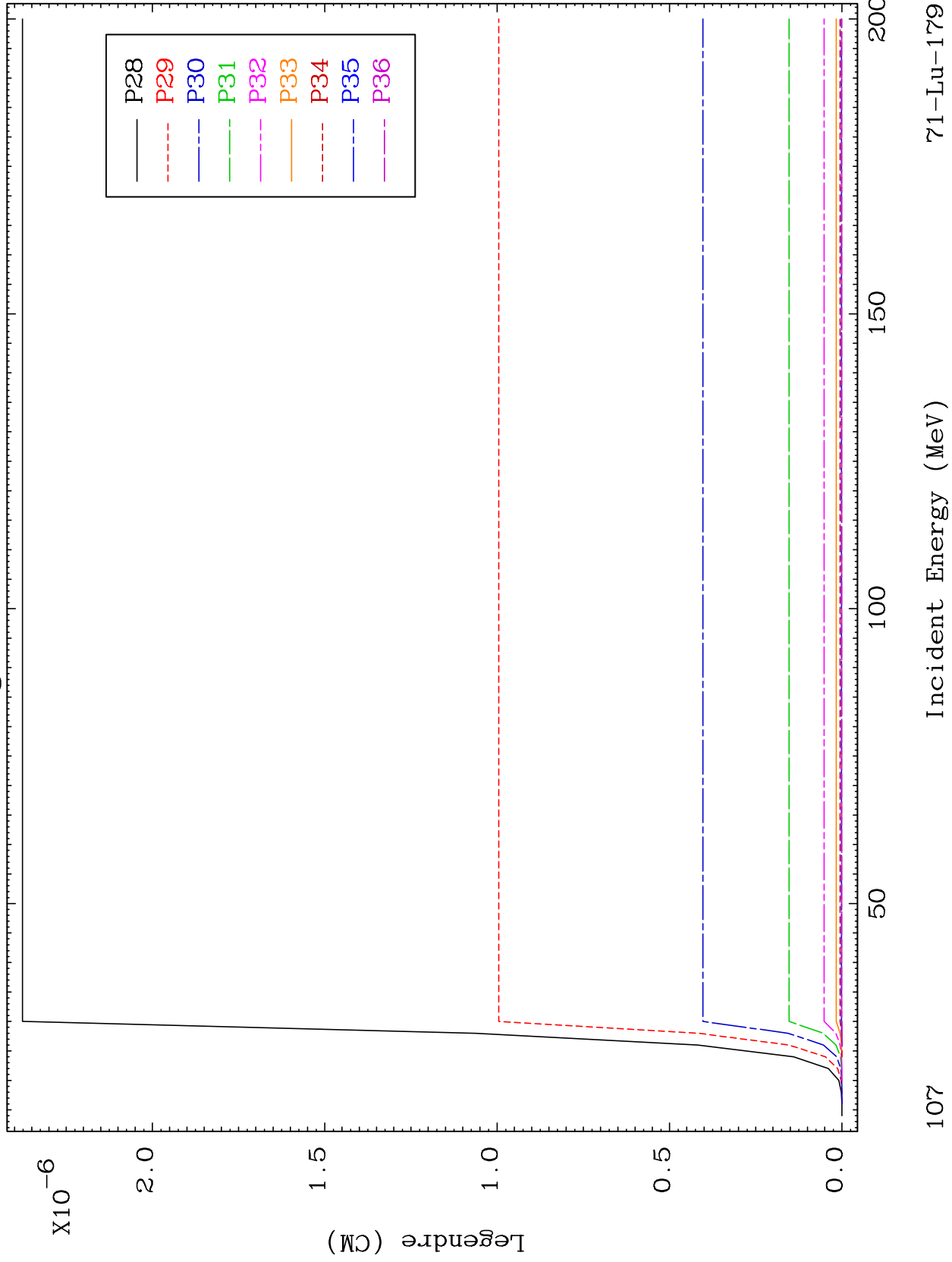
71-Lu-179



MAT 7137

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

71-Lu-179

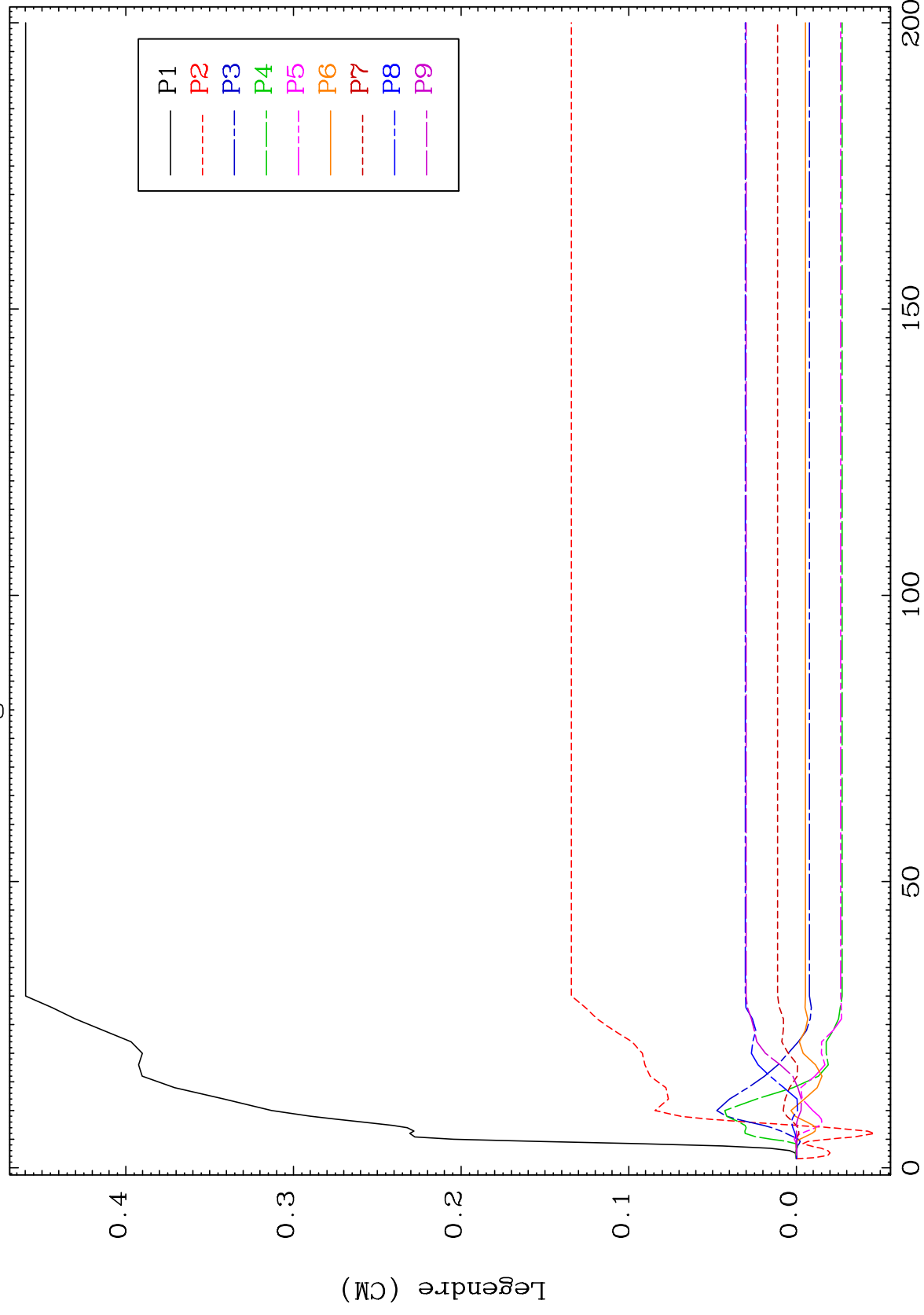


107

MAT 7137

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

71-Lu-179



71-Lu-179

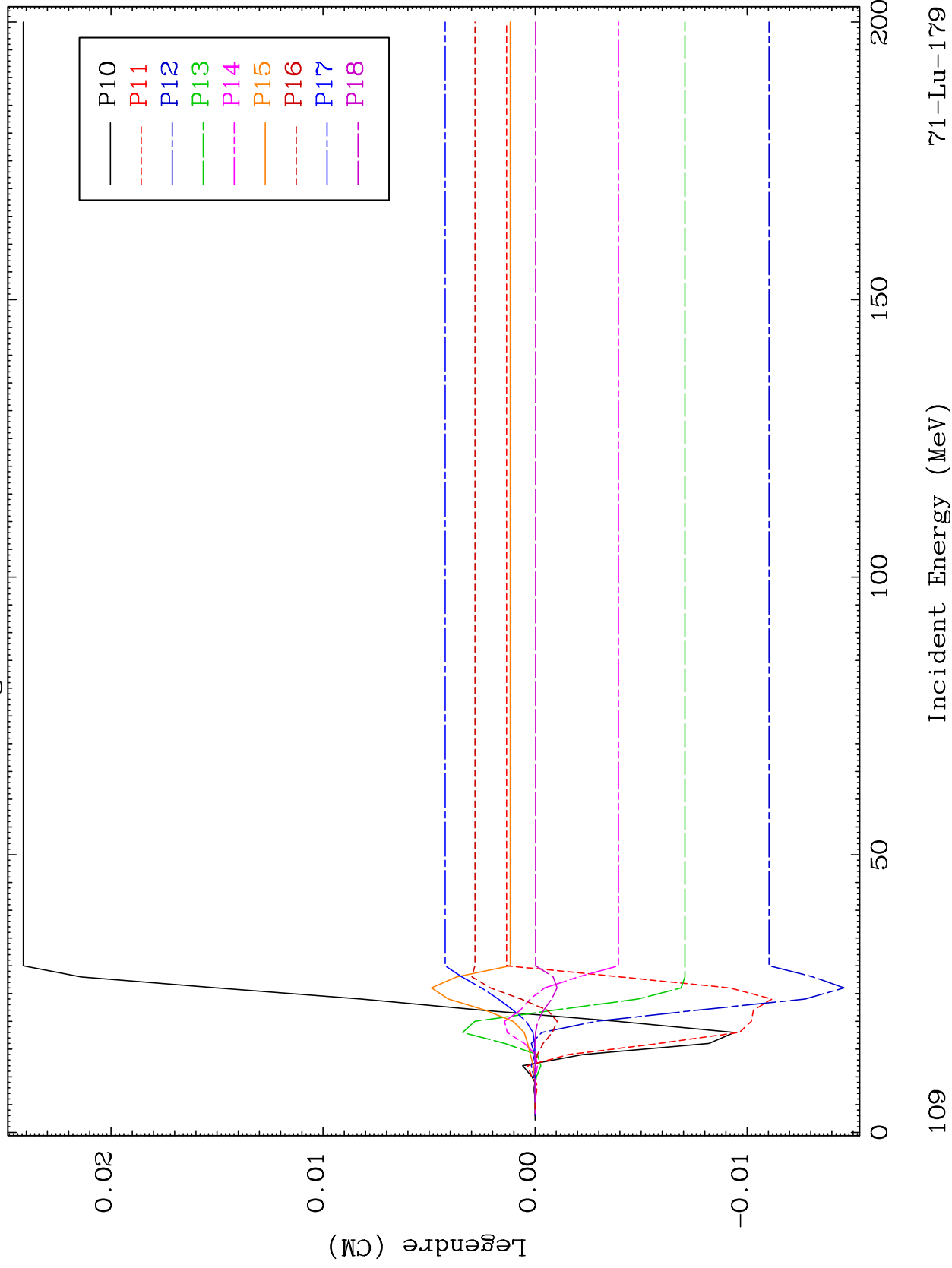
Incident Energy (MeV)

108

MAT 7137

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

71-Lu-179



109

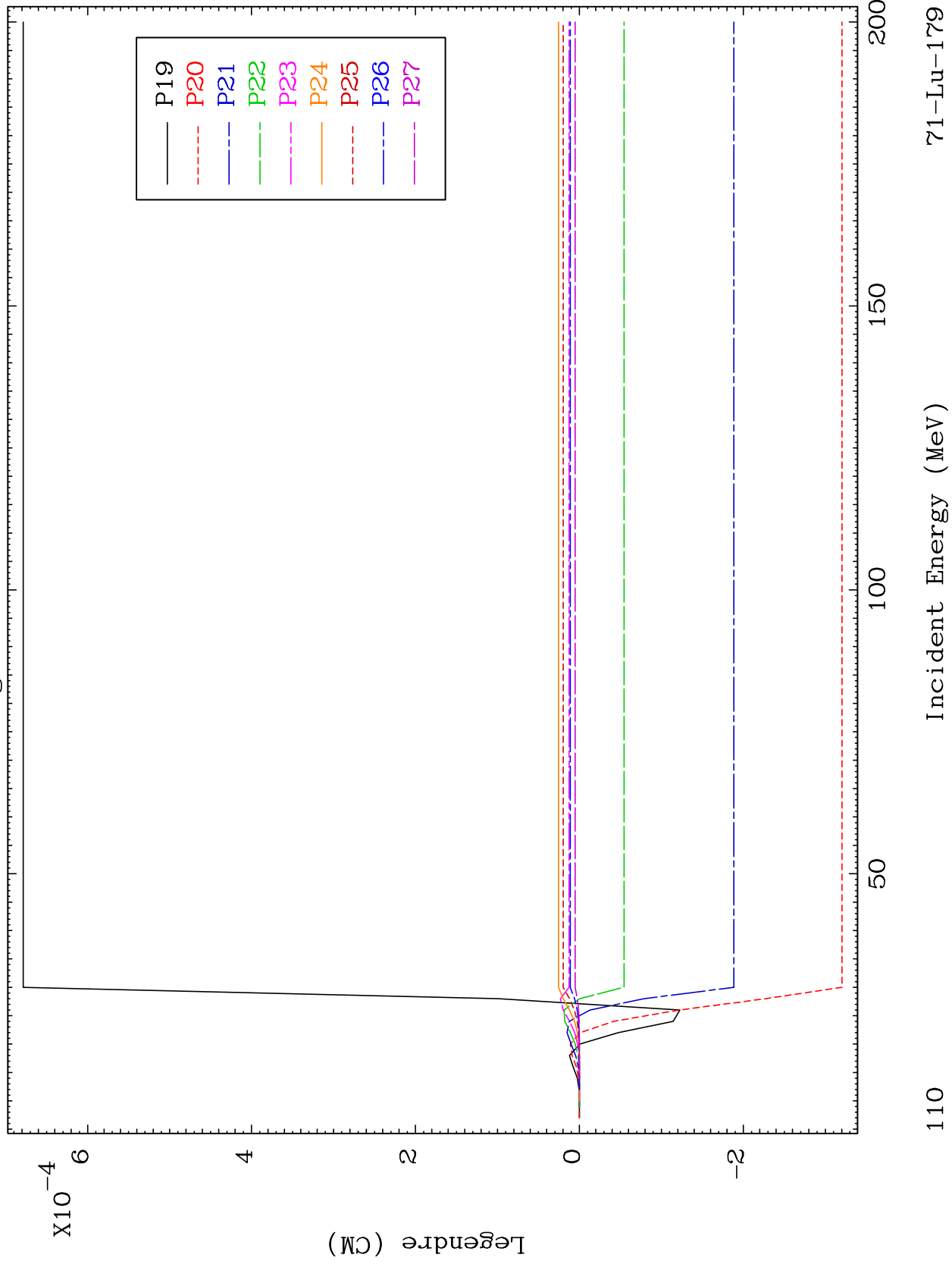
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



110

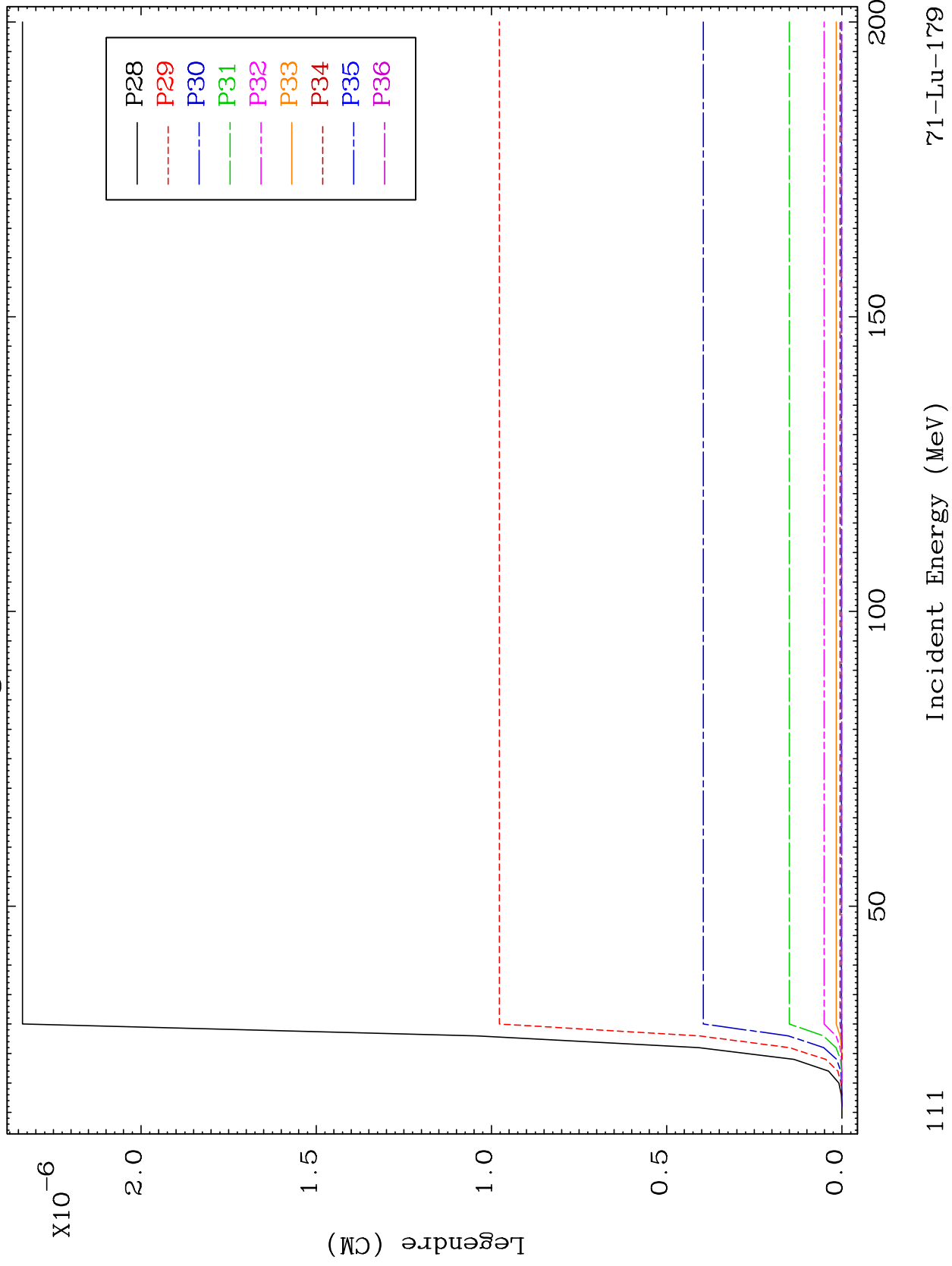
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



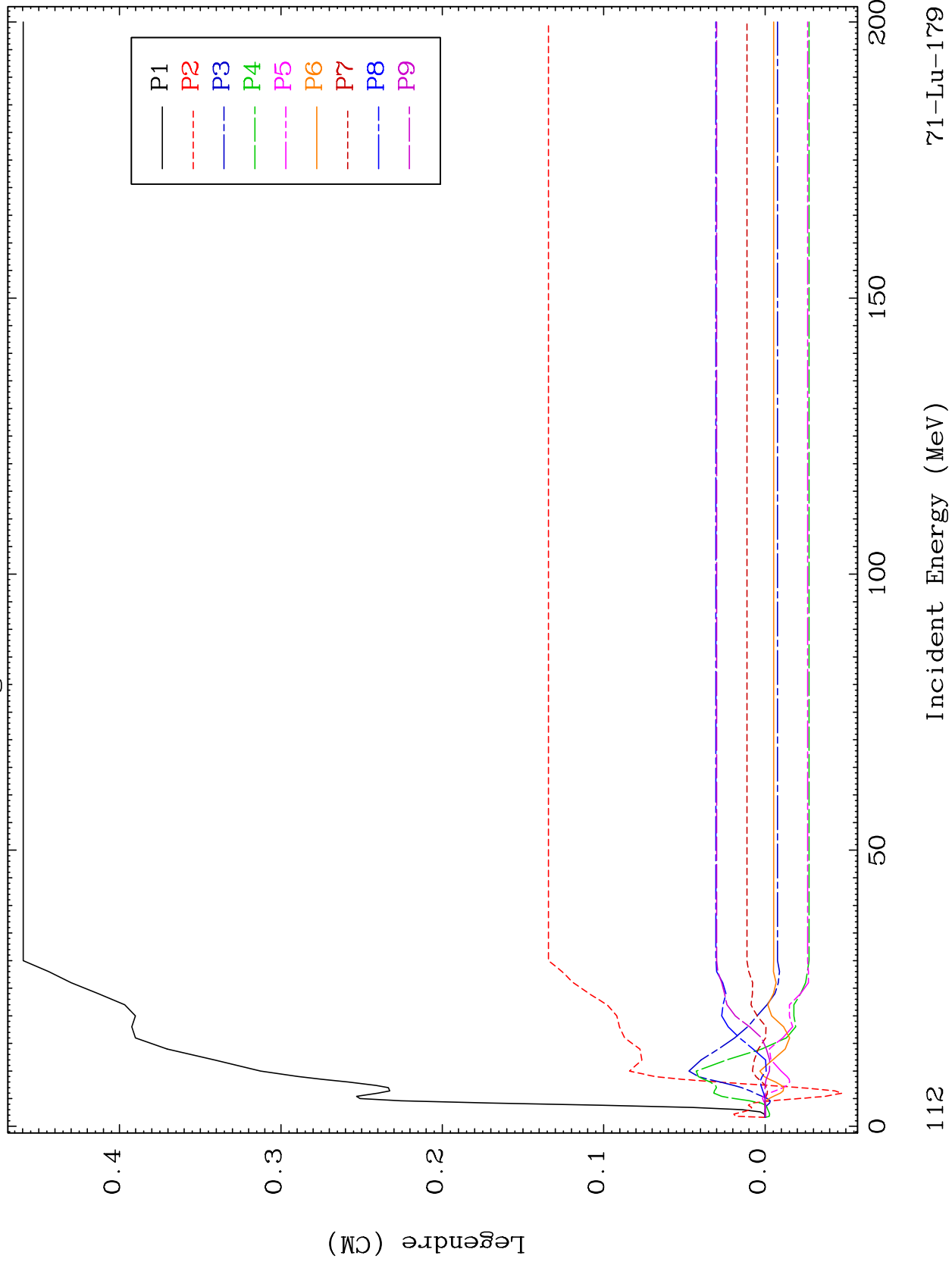
111

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

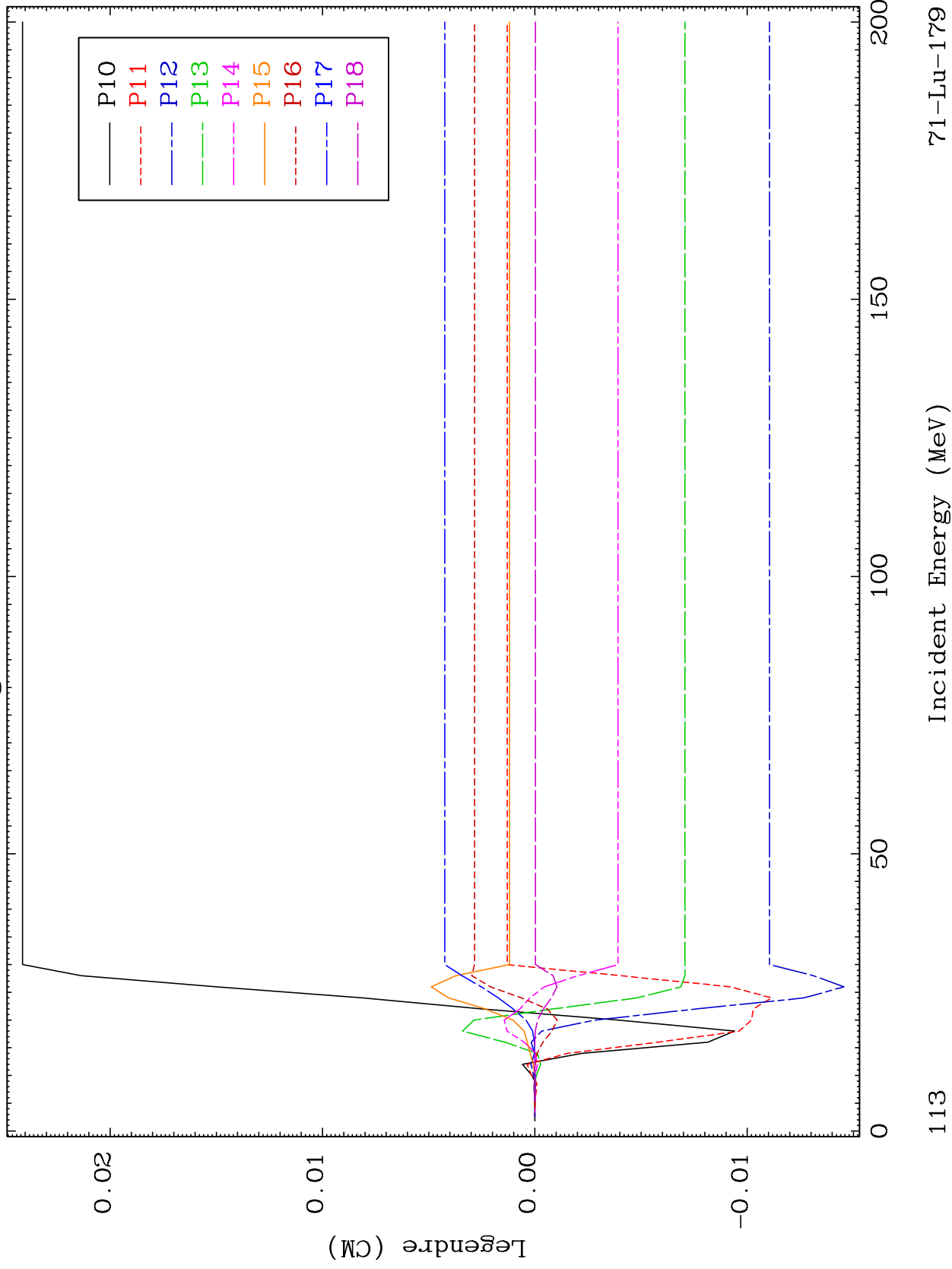
Incident Energy (MeV)

112

MAT 7137

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

71-Lu-179



113

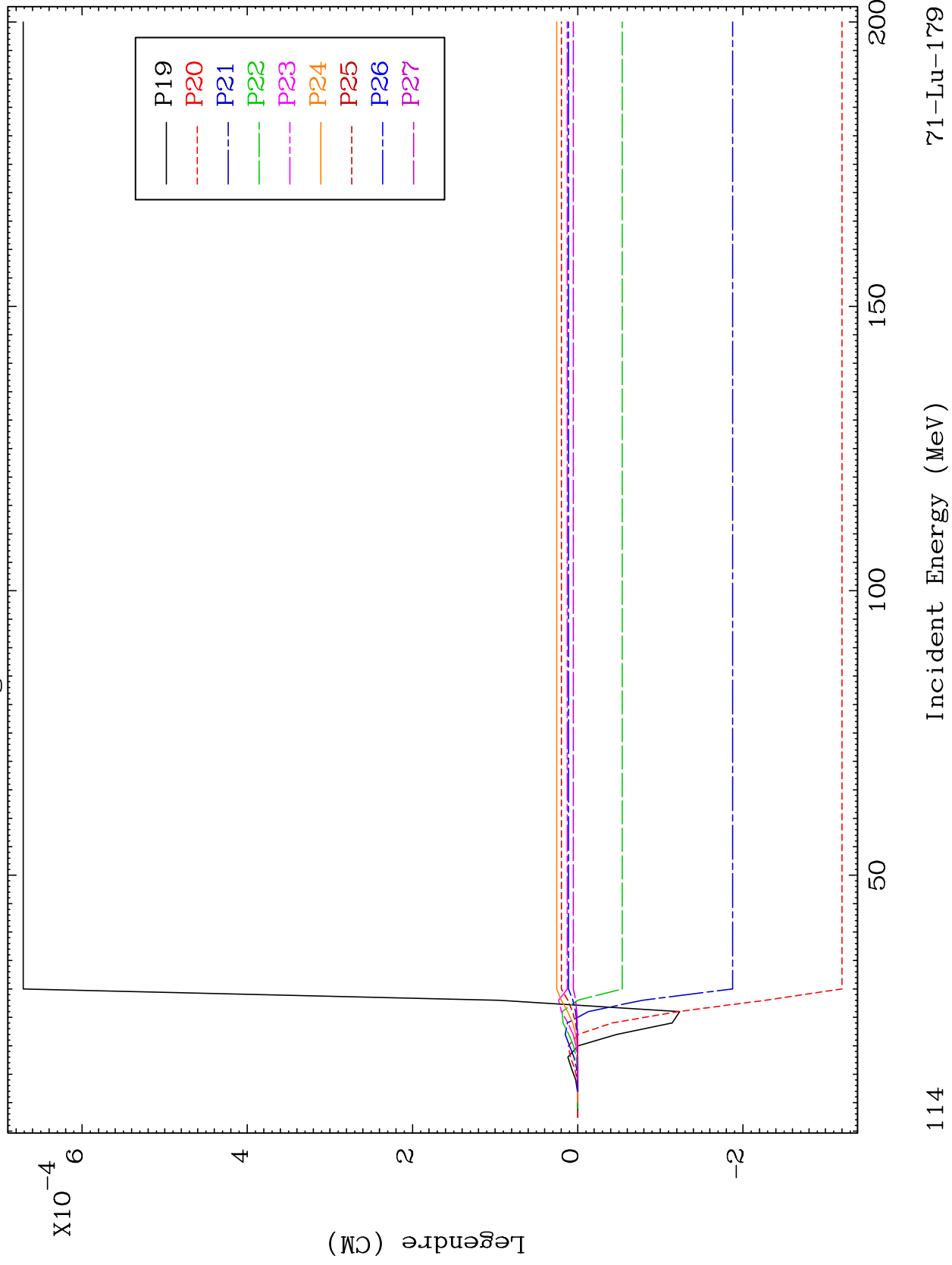
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



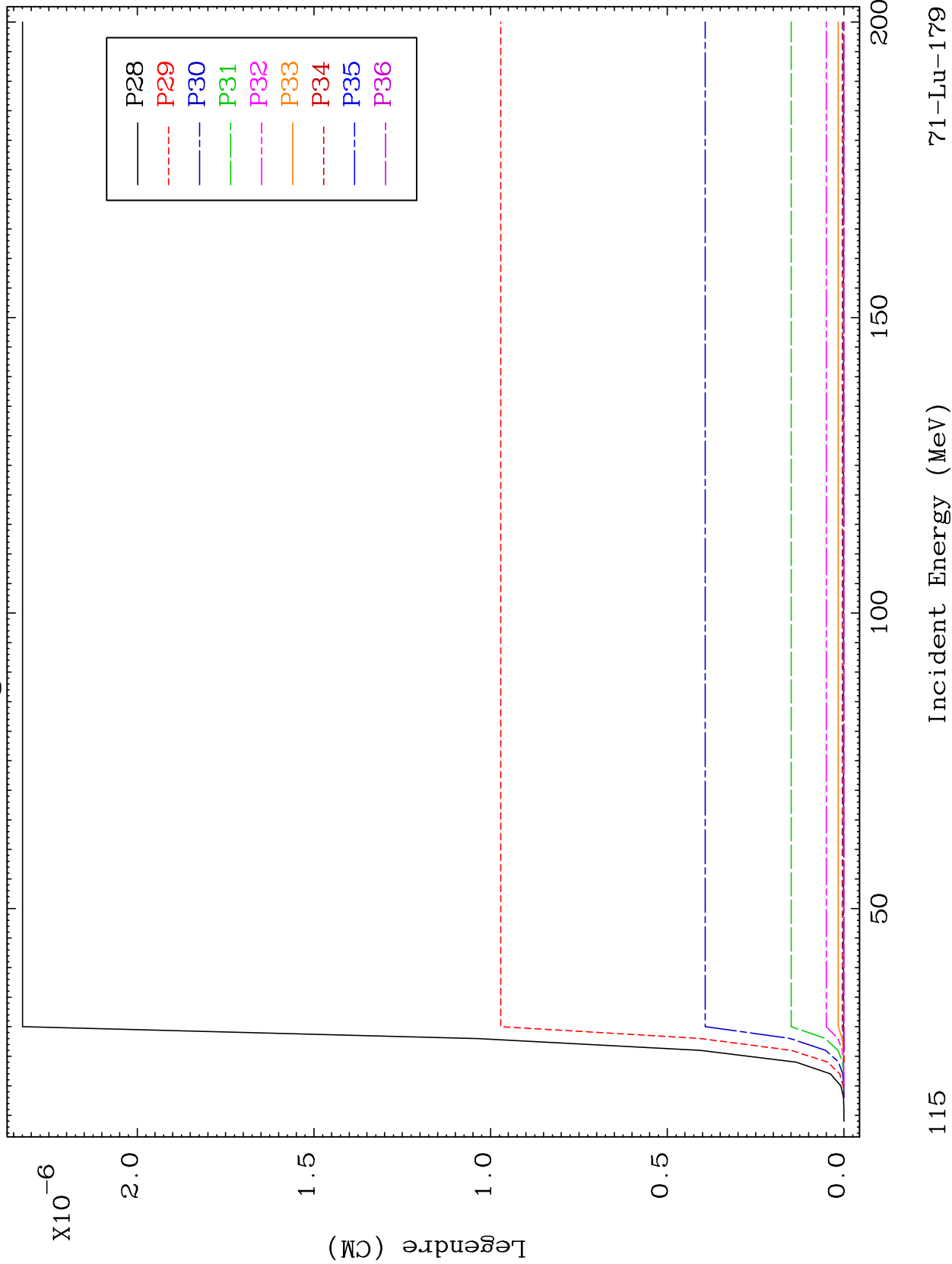
114

71-Lu-179

MAT 7137

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

71-Lu-179



115

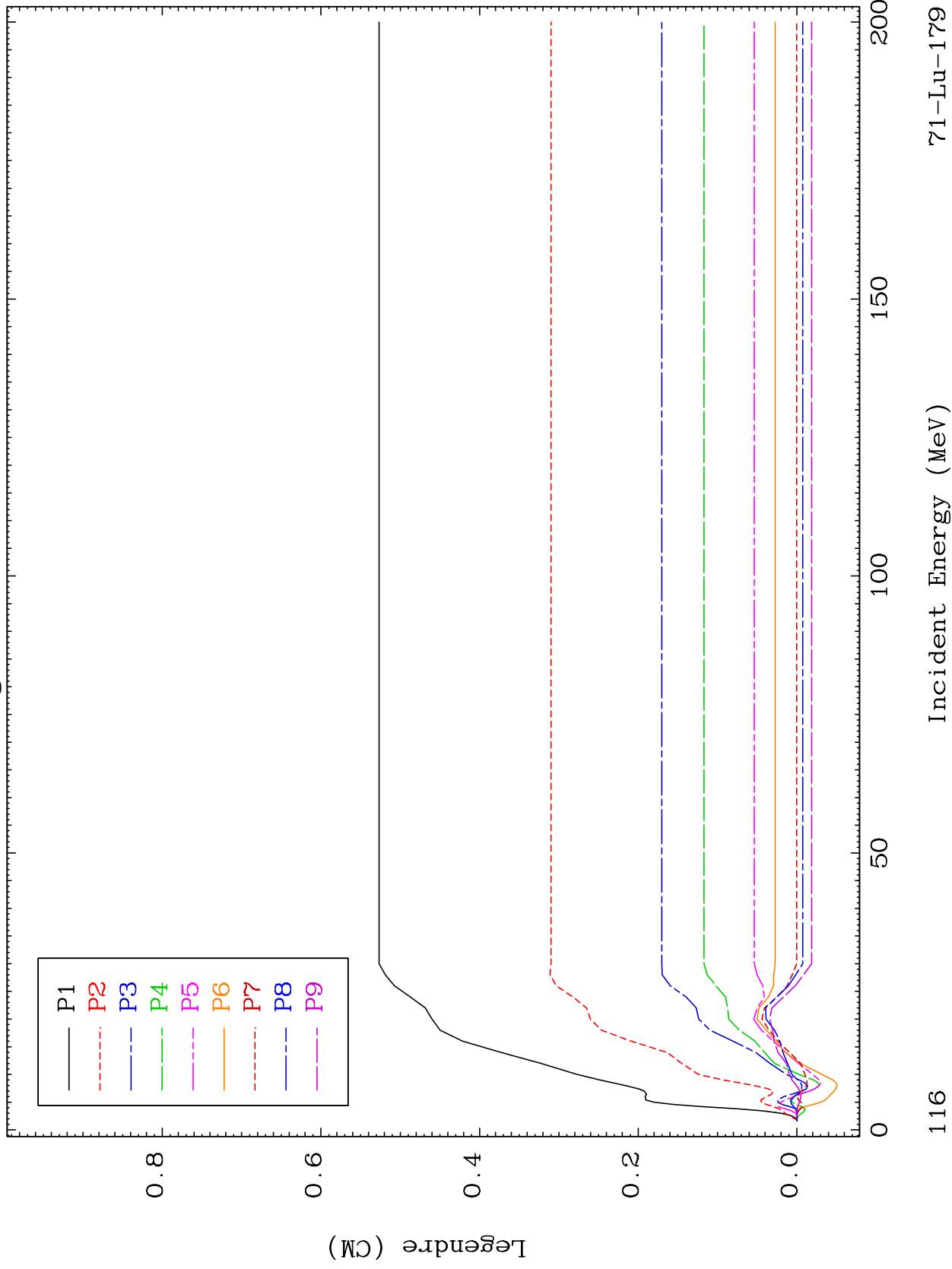
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

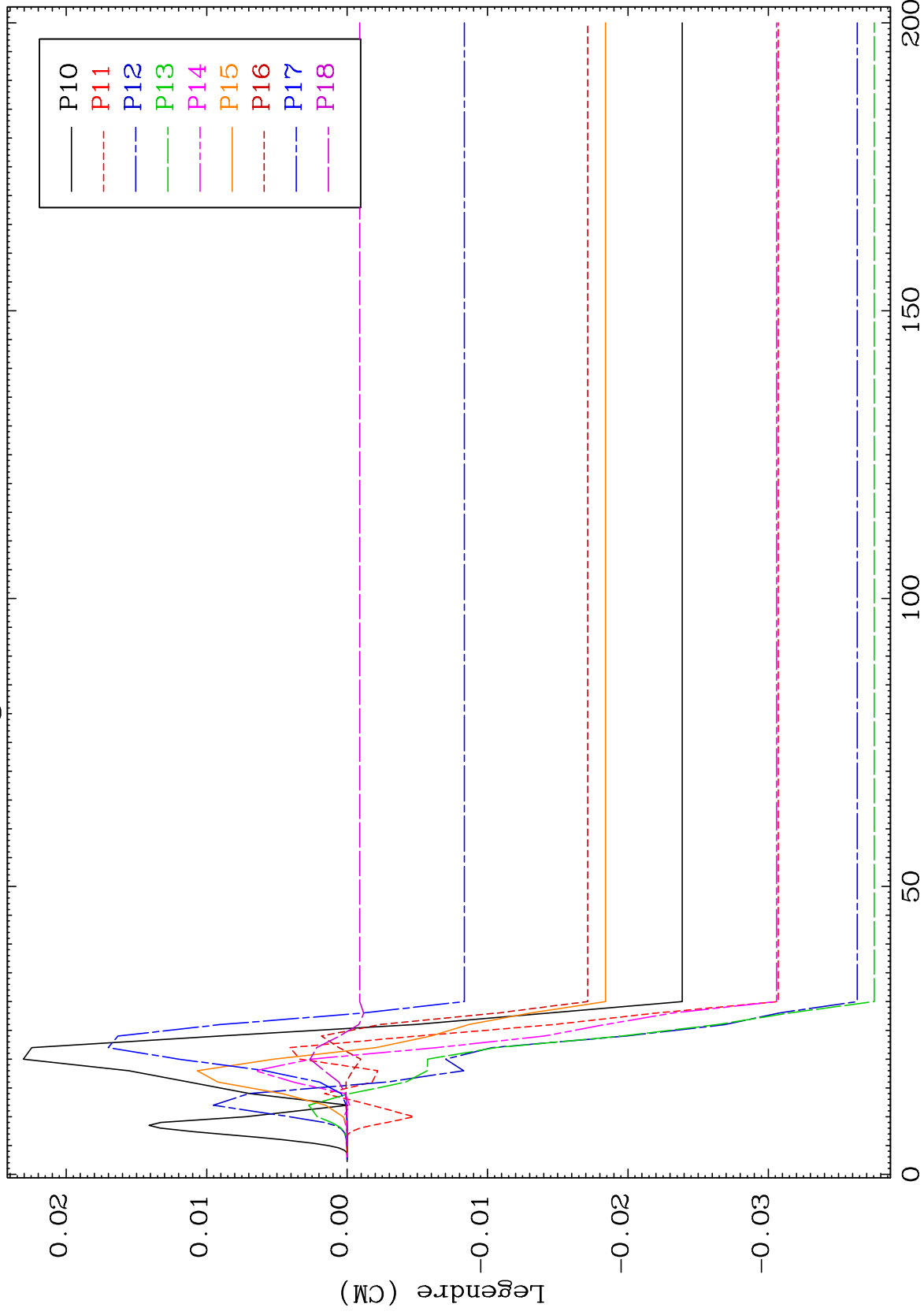
Incident Energy (MeV)

116

MAT 7137

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

71-Lu-179



117

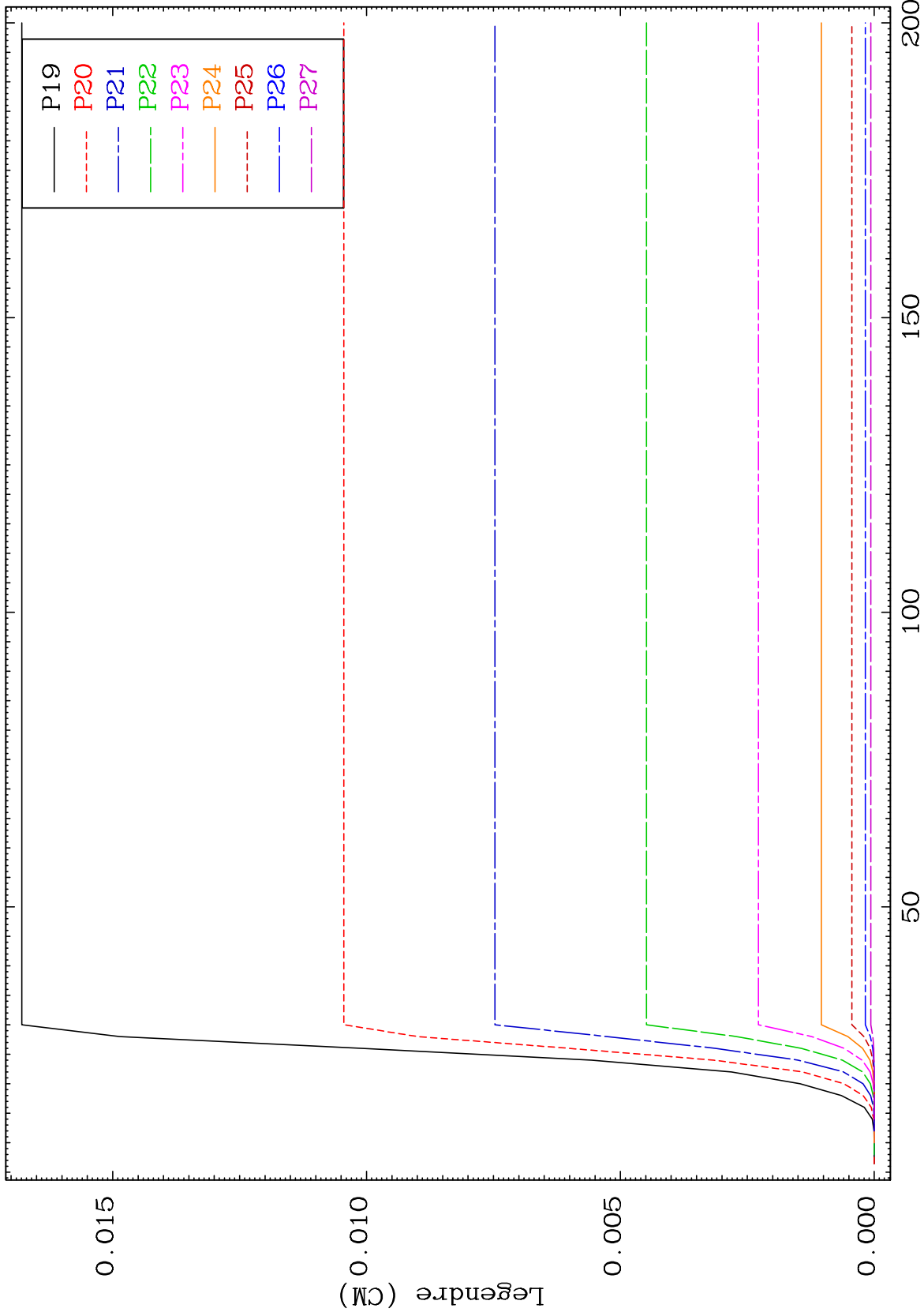
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



118

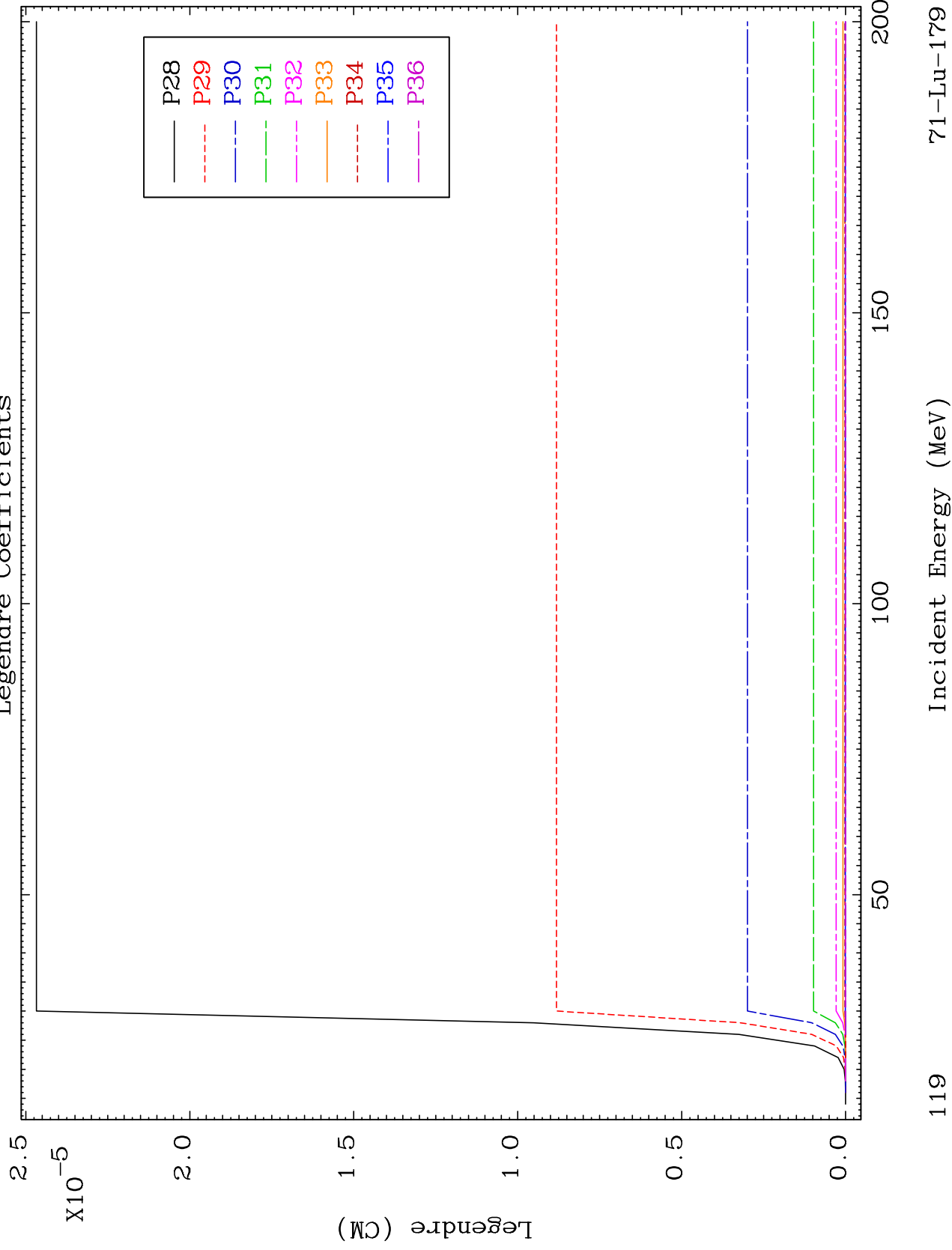
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



119

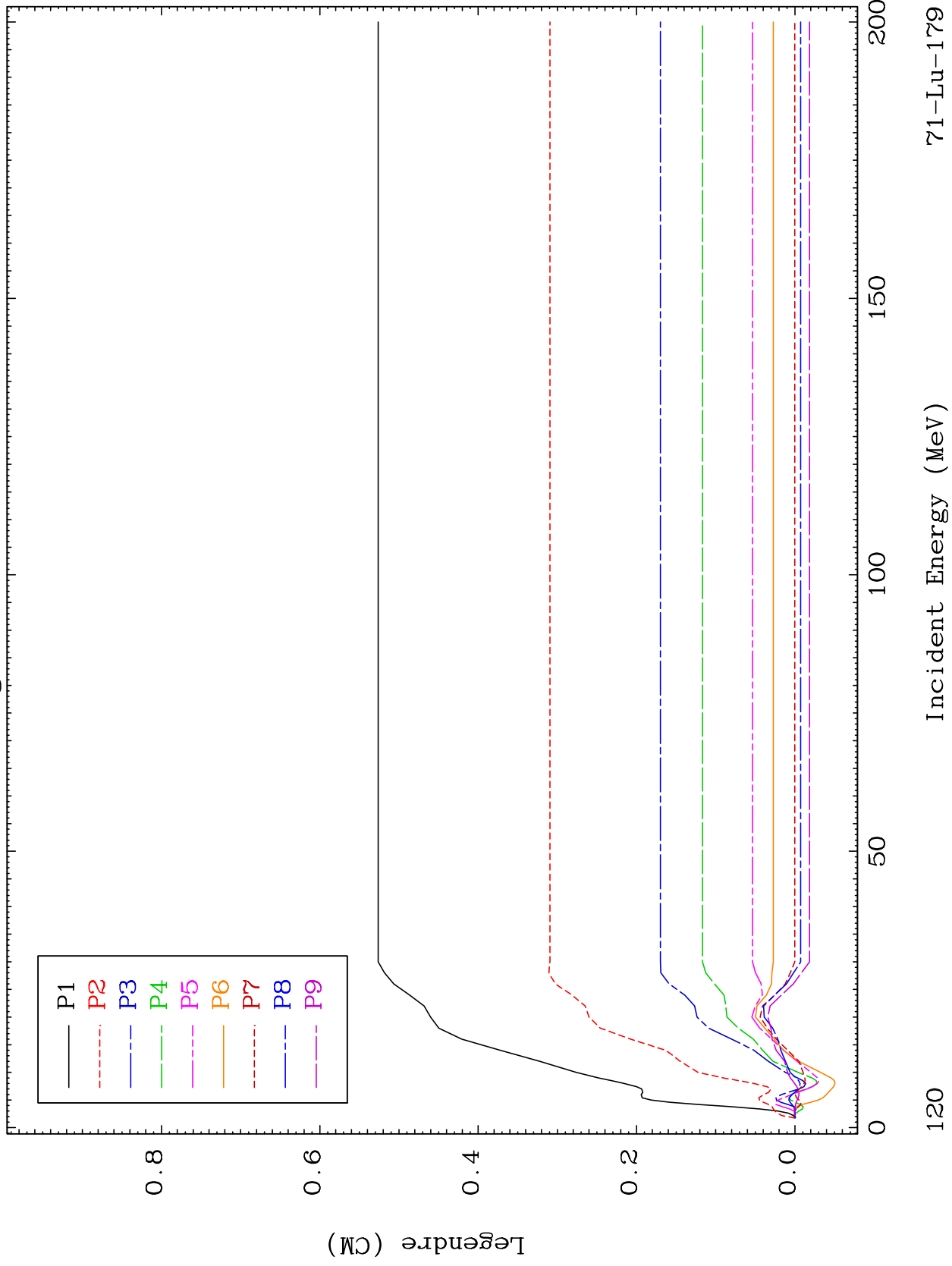
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

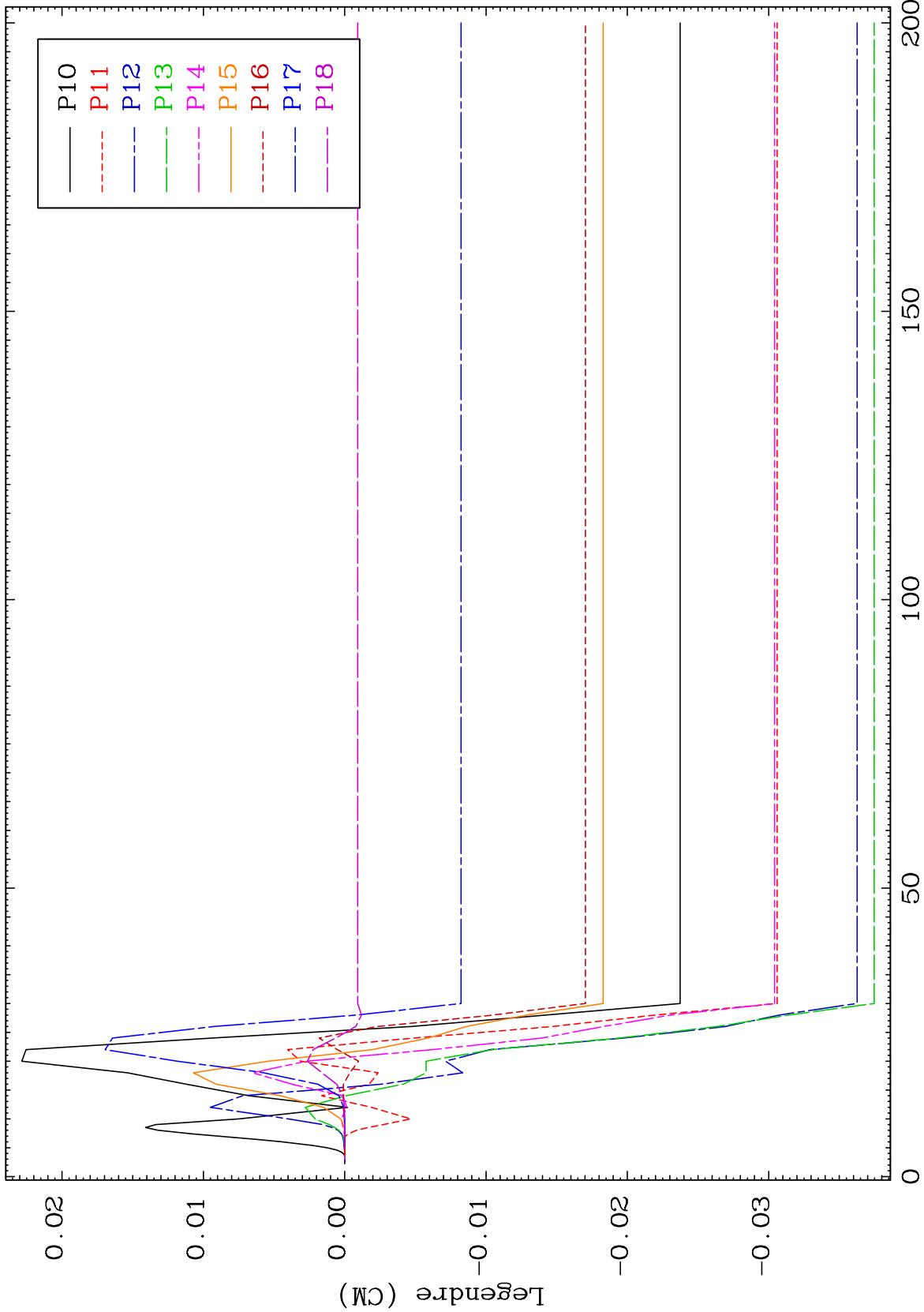
Incident Energy (MeV)

120

MAT 7137

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

71-Lu-179



121

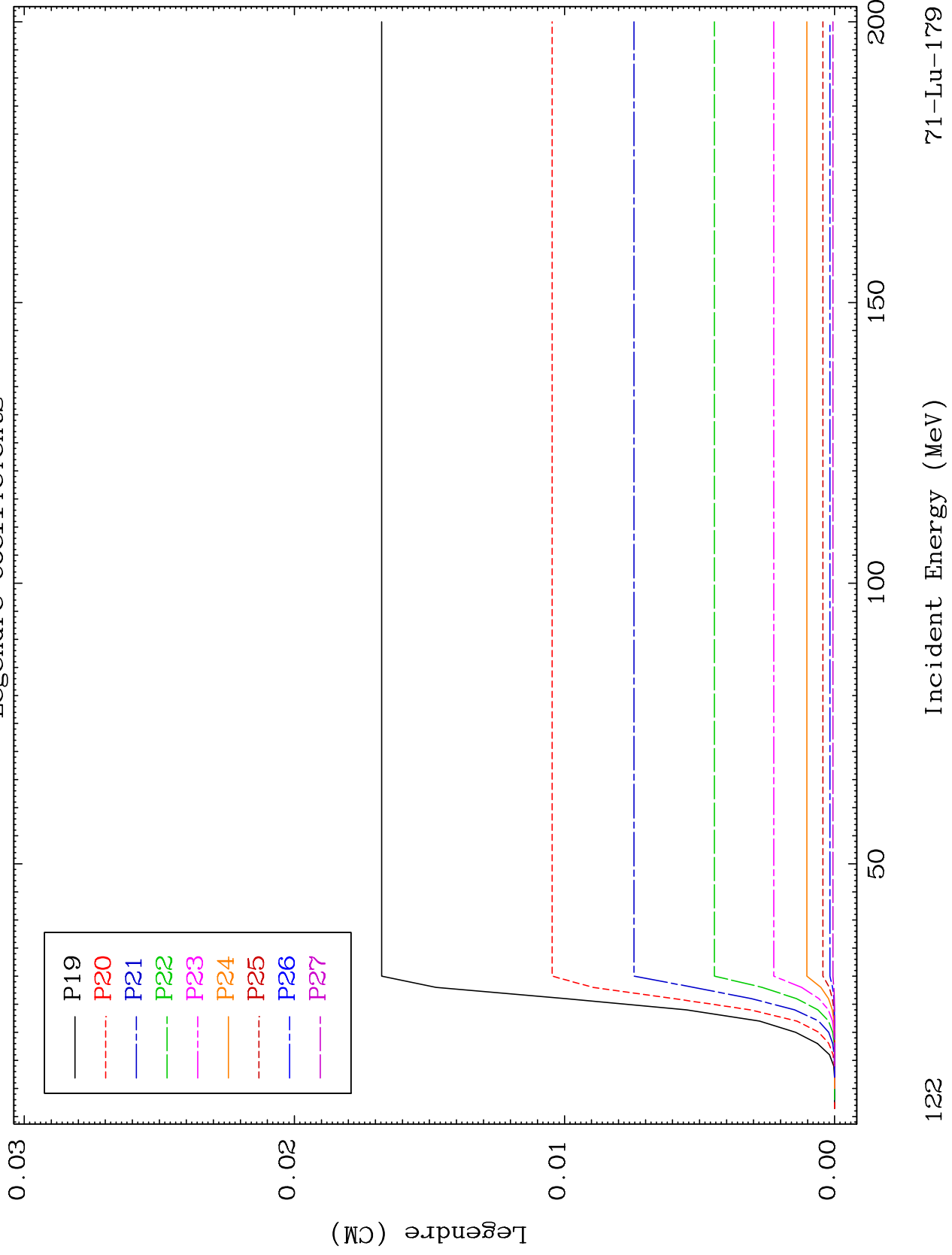
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



122

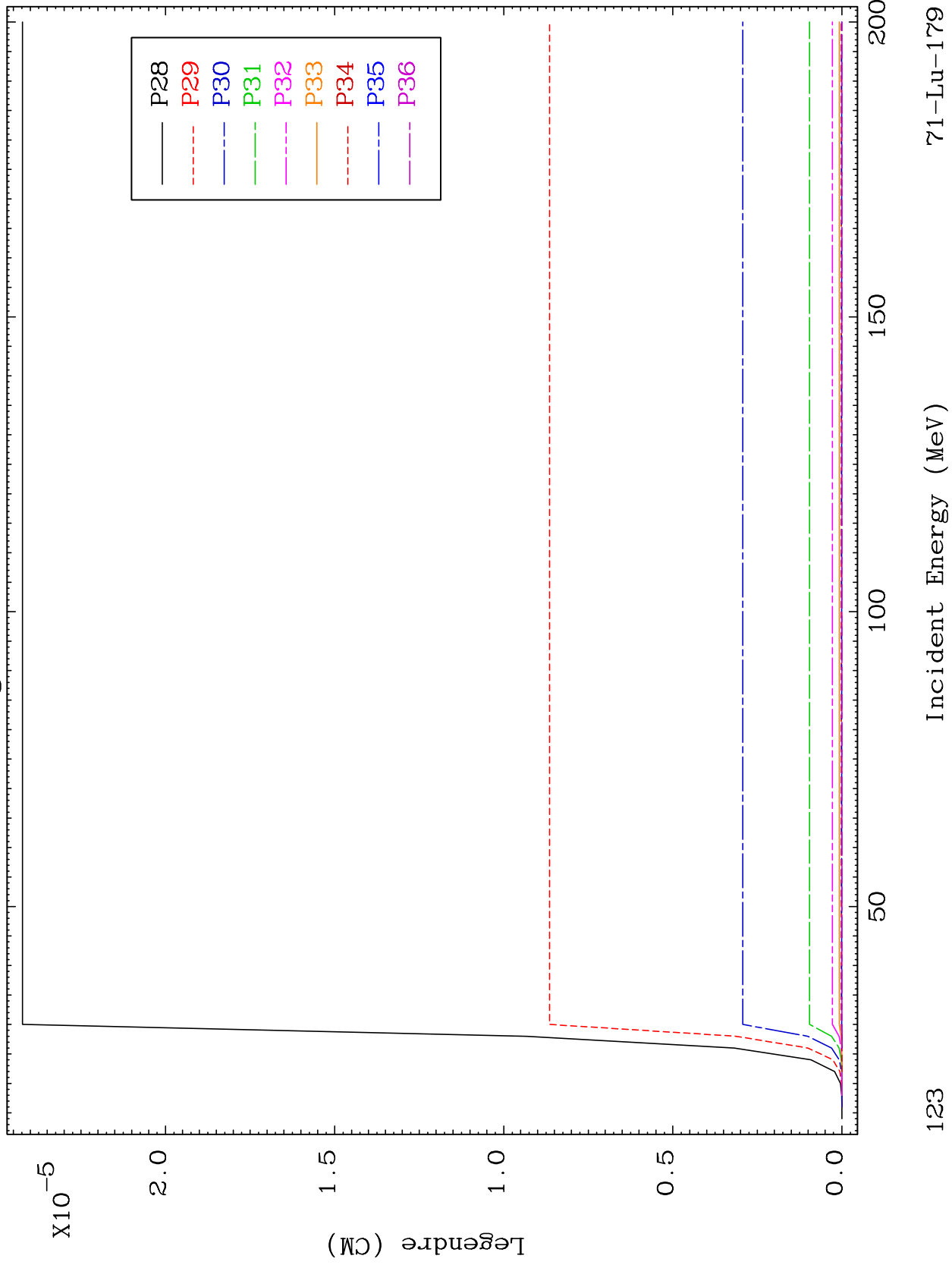
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179

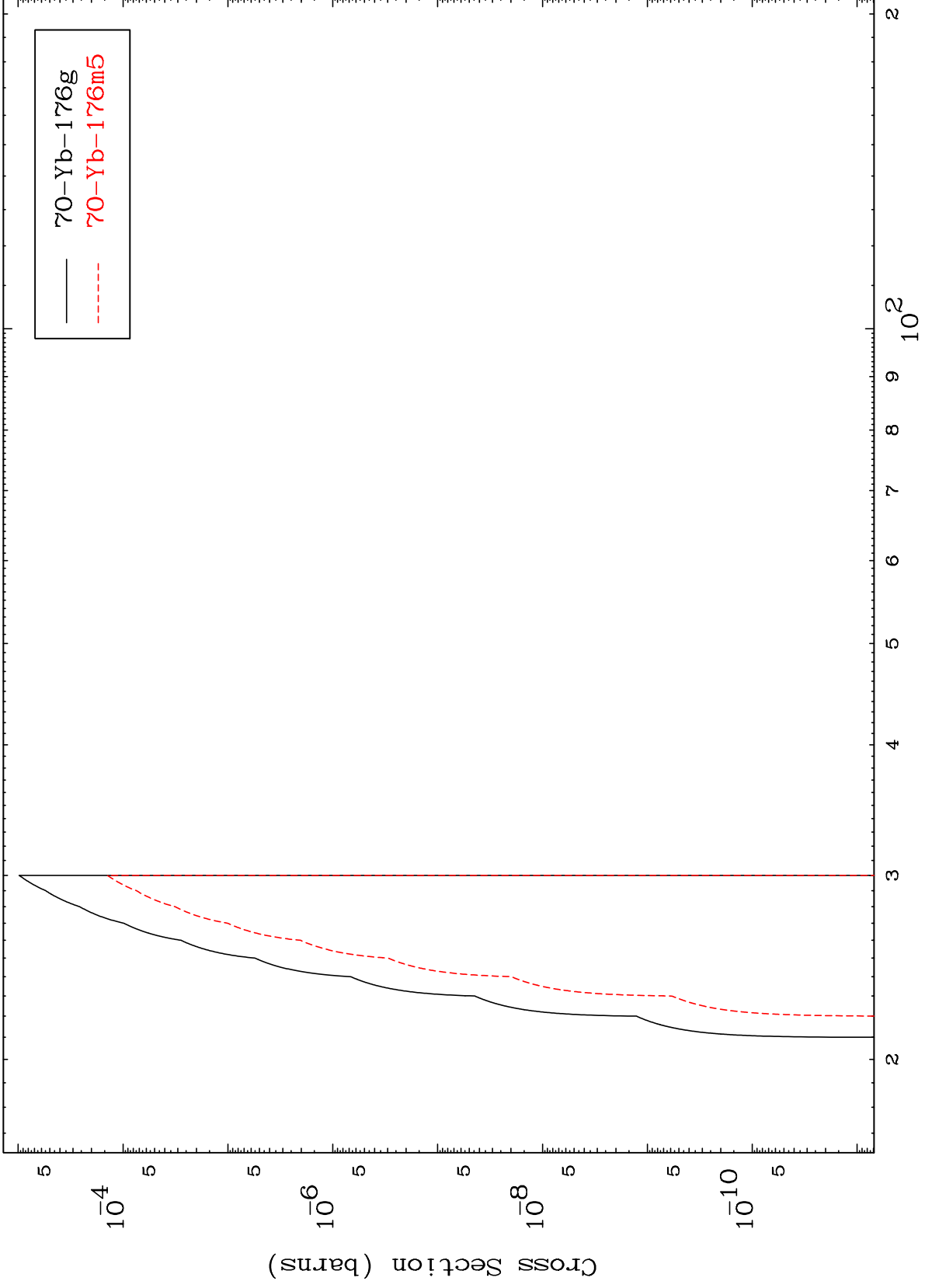


MAT 7137

(n,2n) d

71-Lu-179

Radionuclide Production Cross Section



124

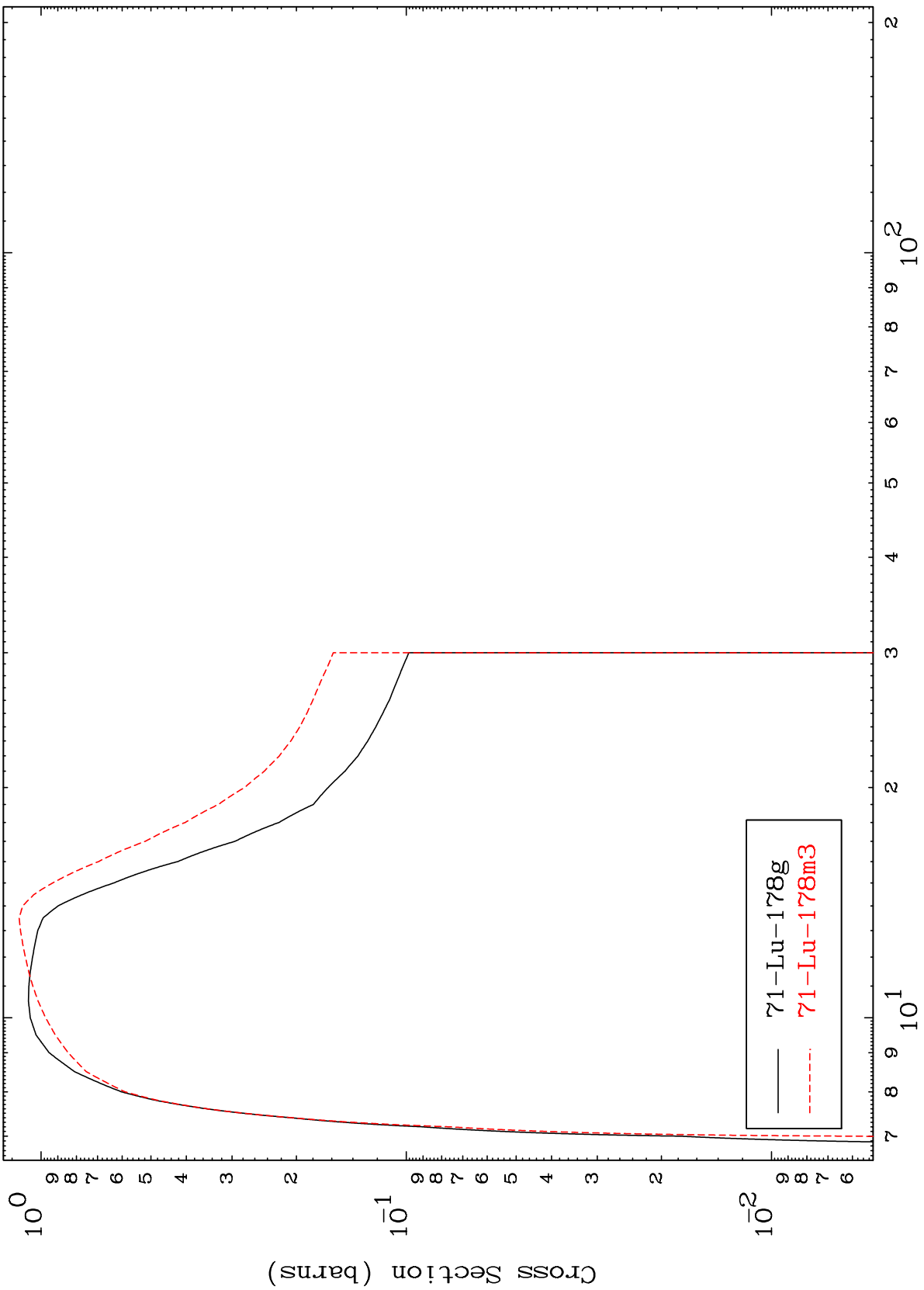
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

(n,2n)
Radionuclide Production Cross Section



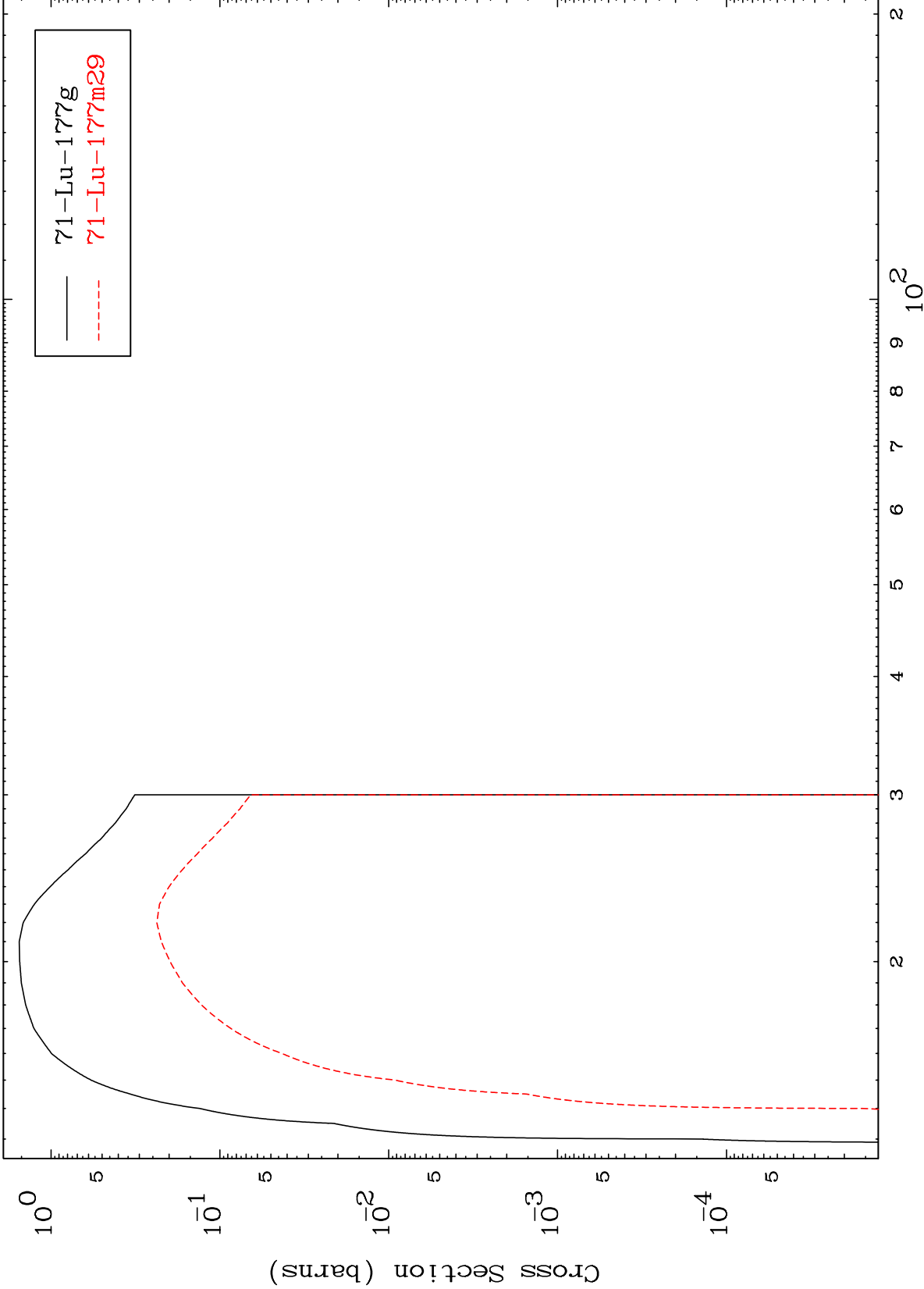
71-Lu-178g
71-Lu-178m3

71-Lu-179

Incident Energy (MeV)

125

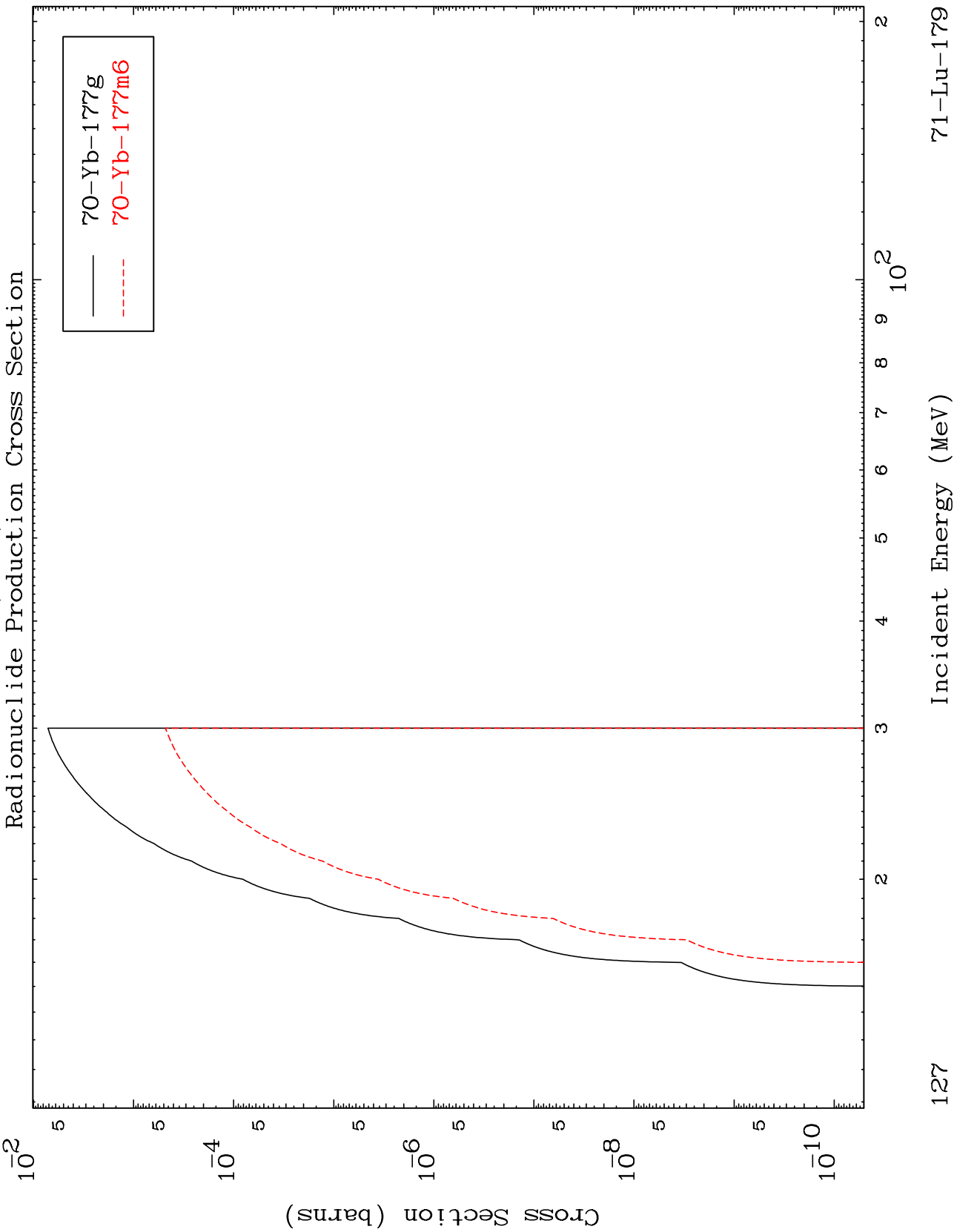
Radionuclide Production Cross Section



MAT 7137

(n,n') d

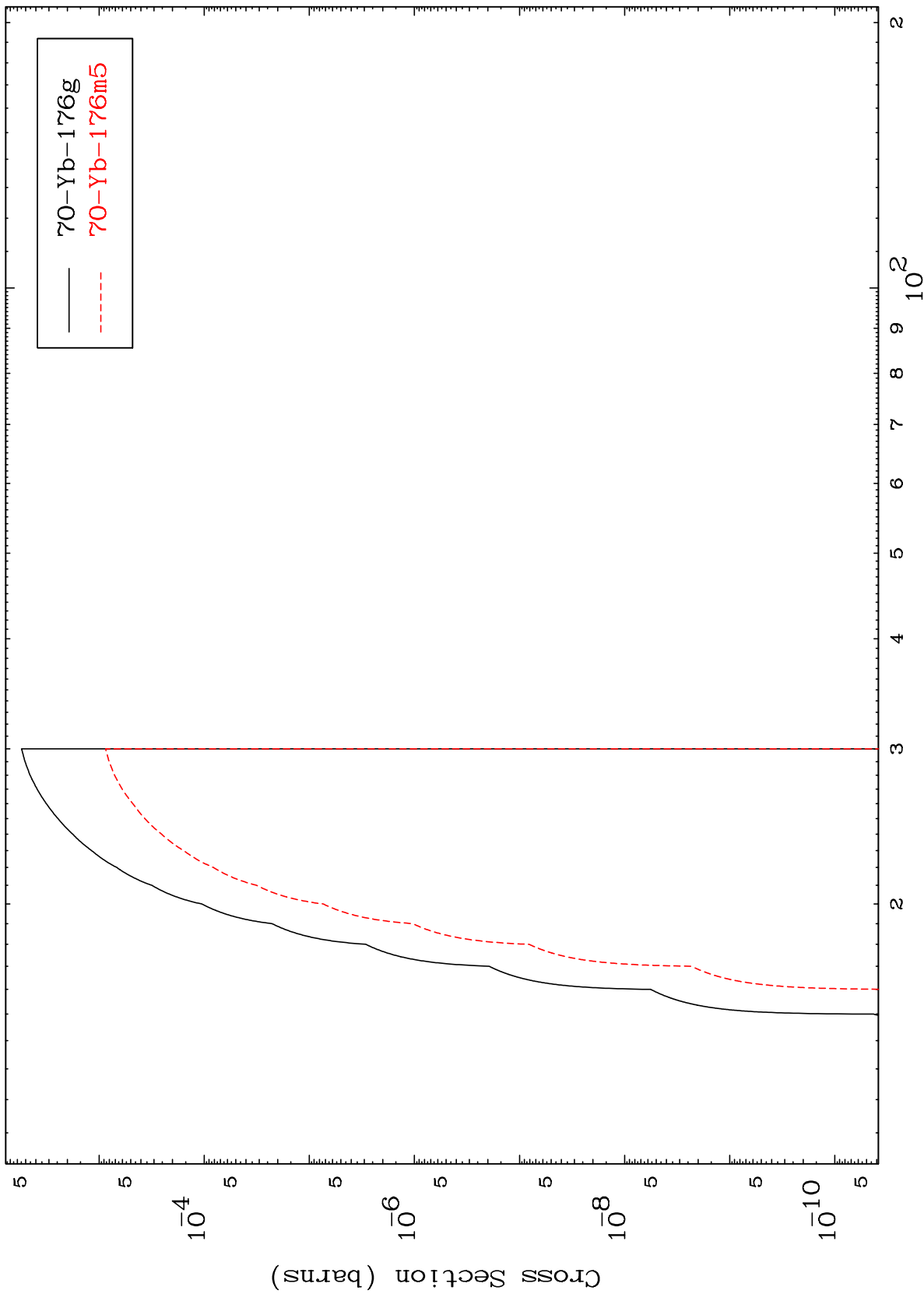
71-Lu-179



127

71-Lu-179

Radionuclide Production Cross Section

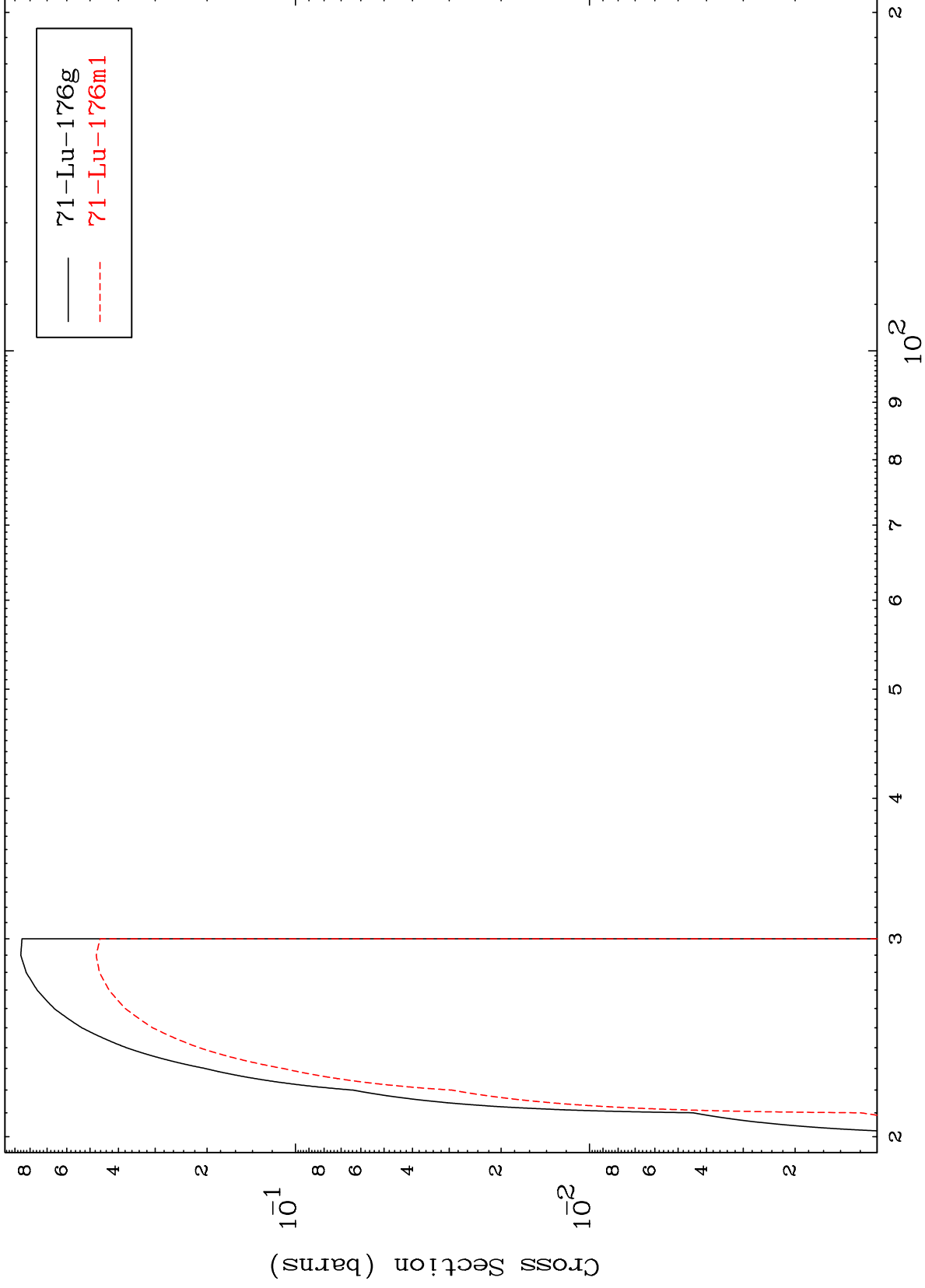


MAT 7137

(n,4n)

71-Lu-179

Radionuclide Production Cross Section



129

Incident Energy (MeV)

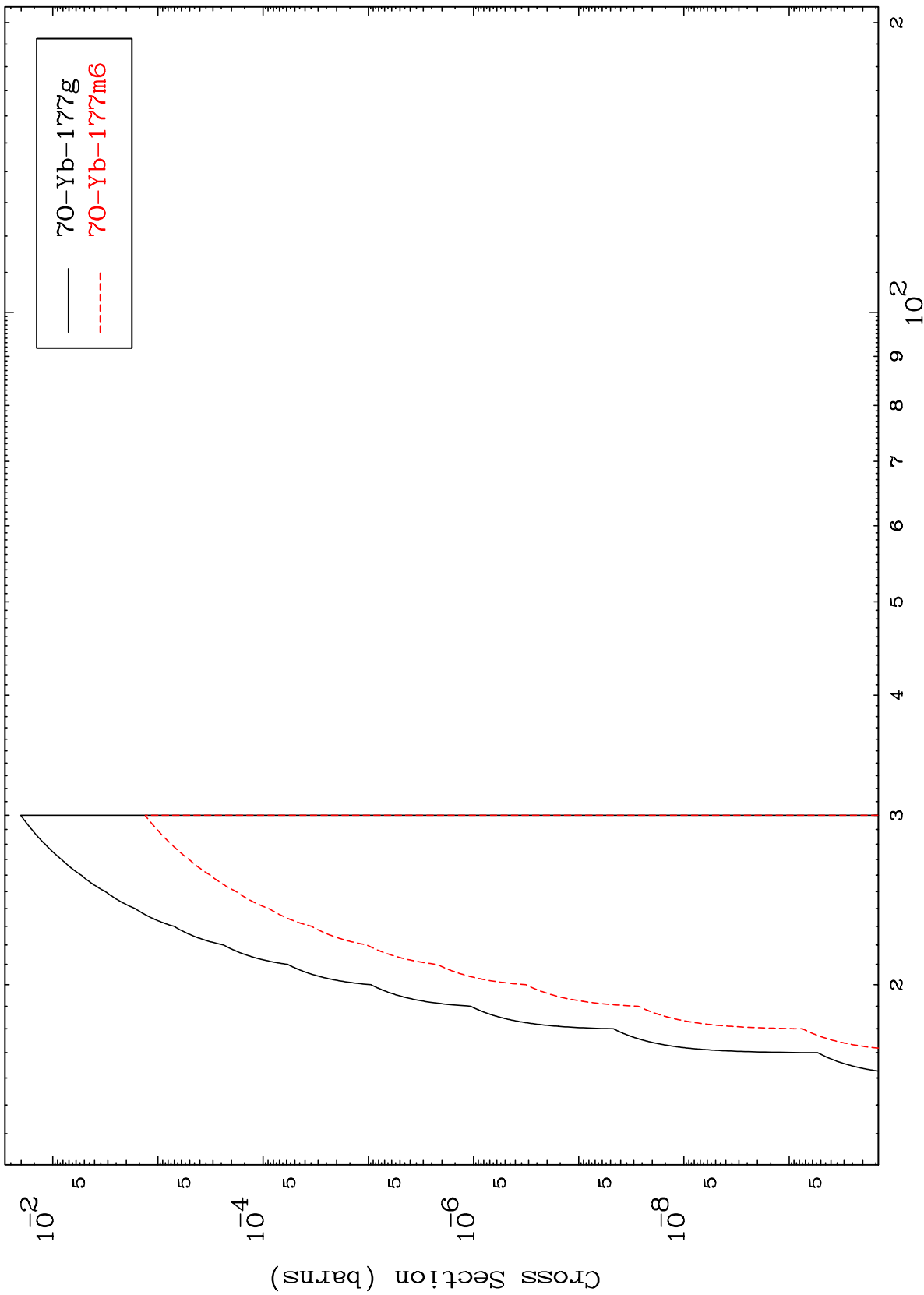
71-Lu-179

MAT 7137

(n,2n) p

71-Lu-179

Radionuclide Production Cross Section



130

Incident Energy (MeV)

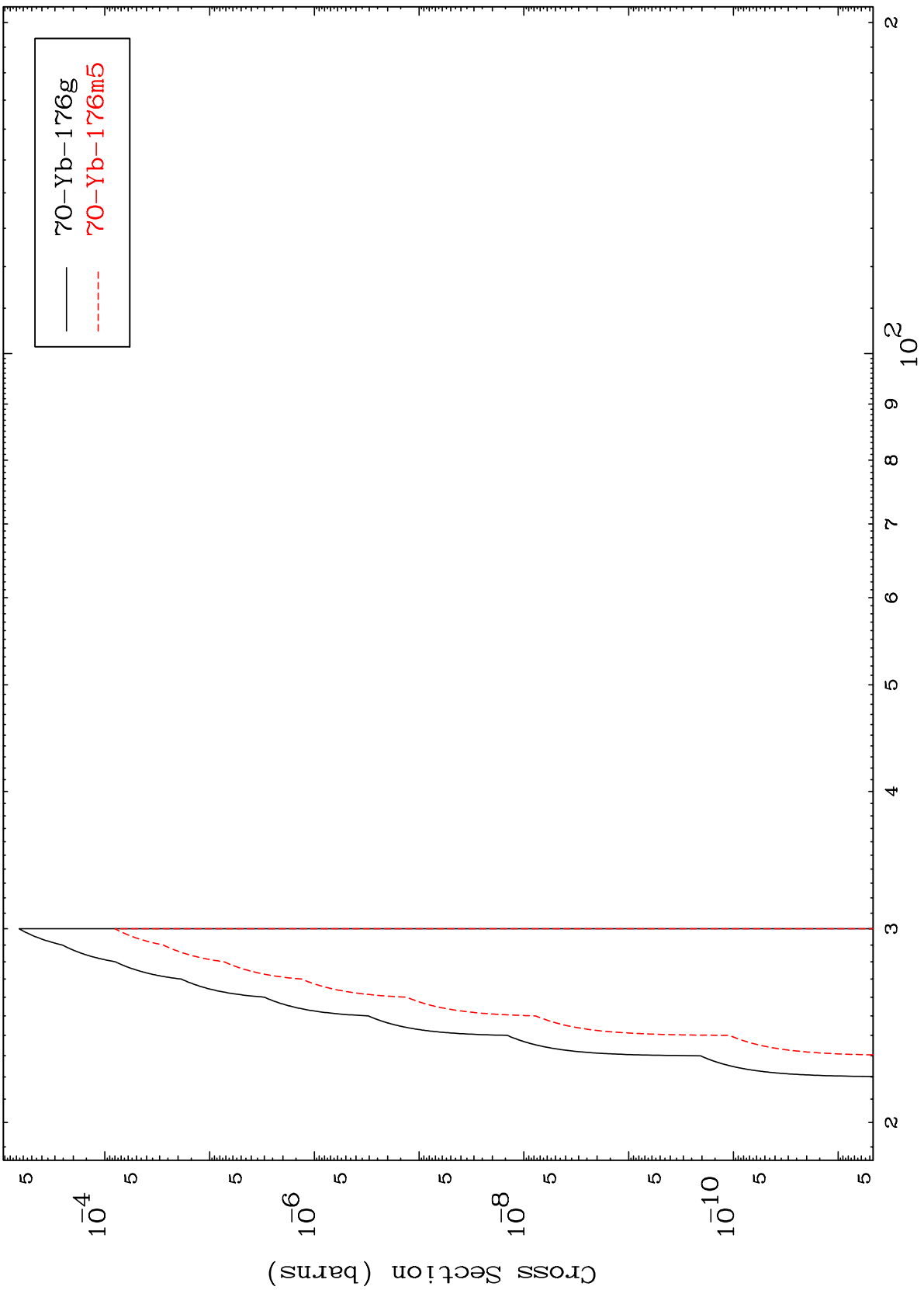
71-Lu-179

MAT 7137

(n,3n) p

71-Lu-179

Radionuclide Production Cross Section



70-Yb-176g
70-Yb-176m5

131

Incident Energy (MeV)

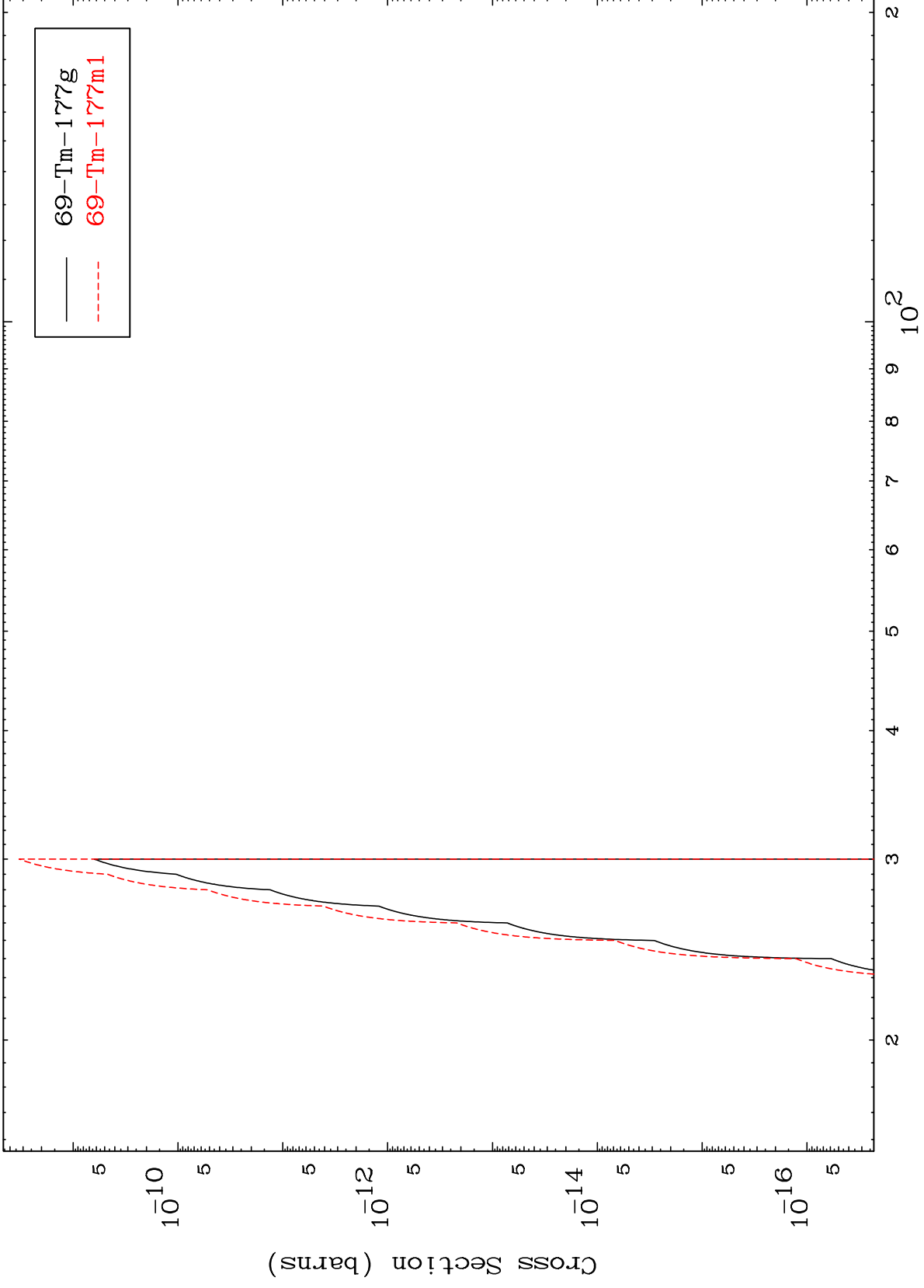
71-Lu-179

MAT 7137

(n,2n) p

71-Lu-179

Radionuclide Production Cross Section



132

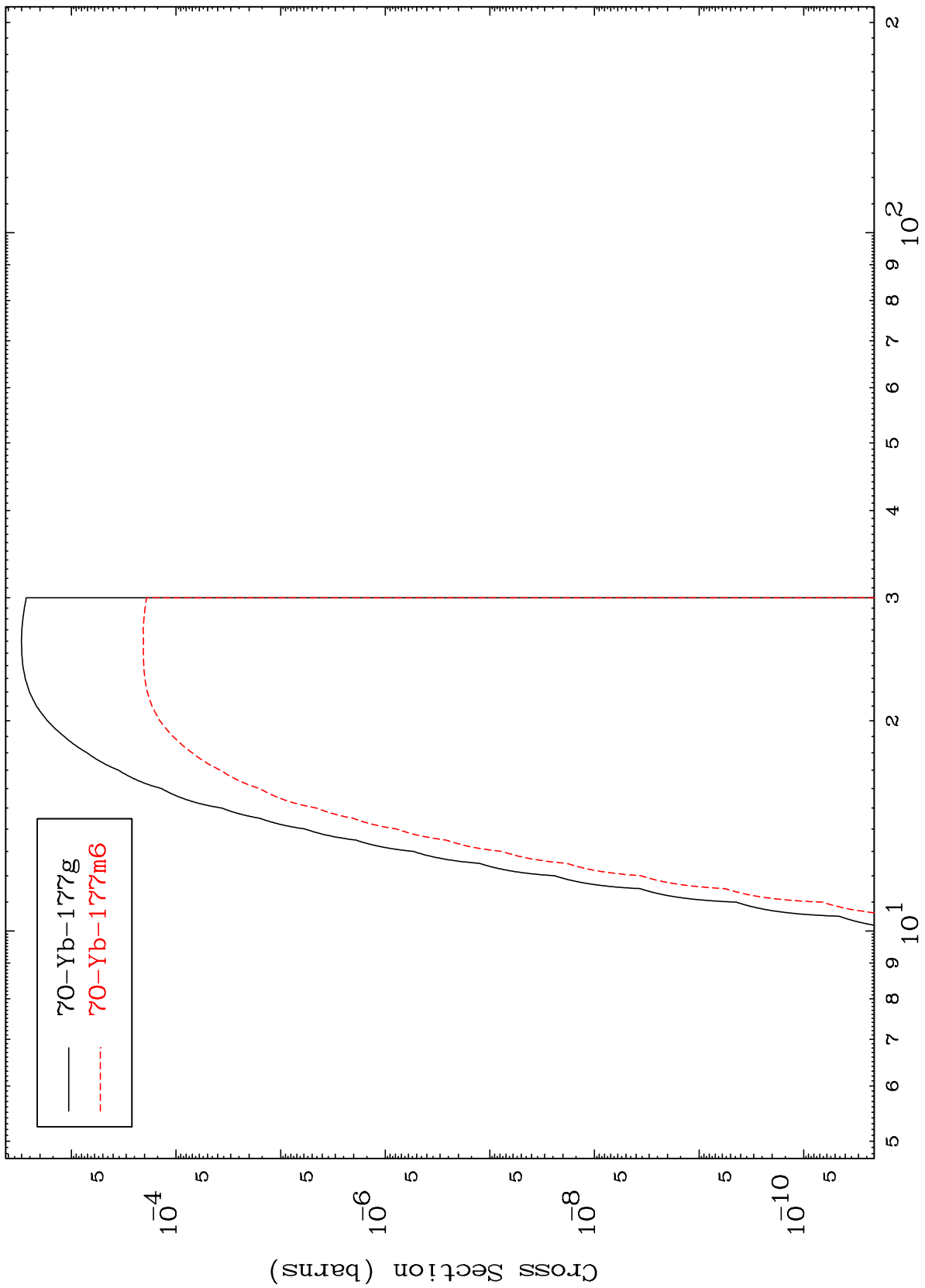
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

Radionuclide Production Cross Section (n,t)



133

Incident Energy (MeV)

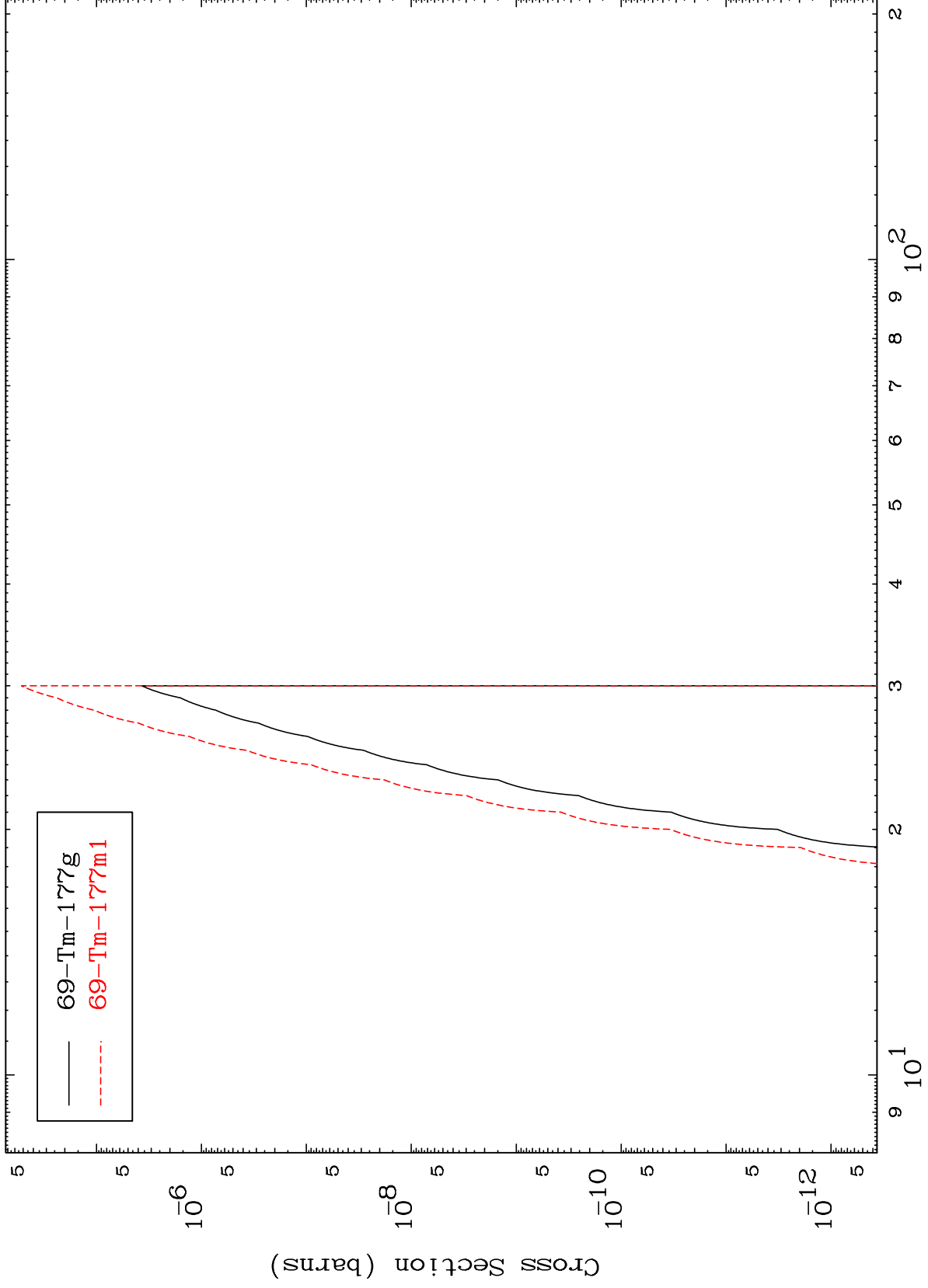
71-Lu-179

MAT 7137

(n,He-3)

71-Lu-179

Radionuclide Production Cross Section



134

Incident Energy (MeV)

71-Lu-179