

Program EVALPLOT  
(Version 2018-1)

by

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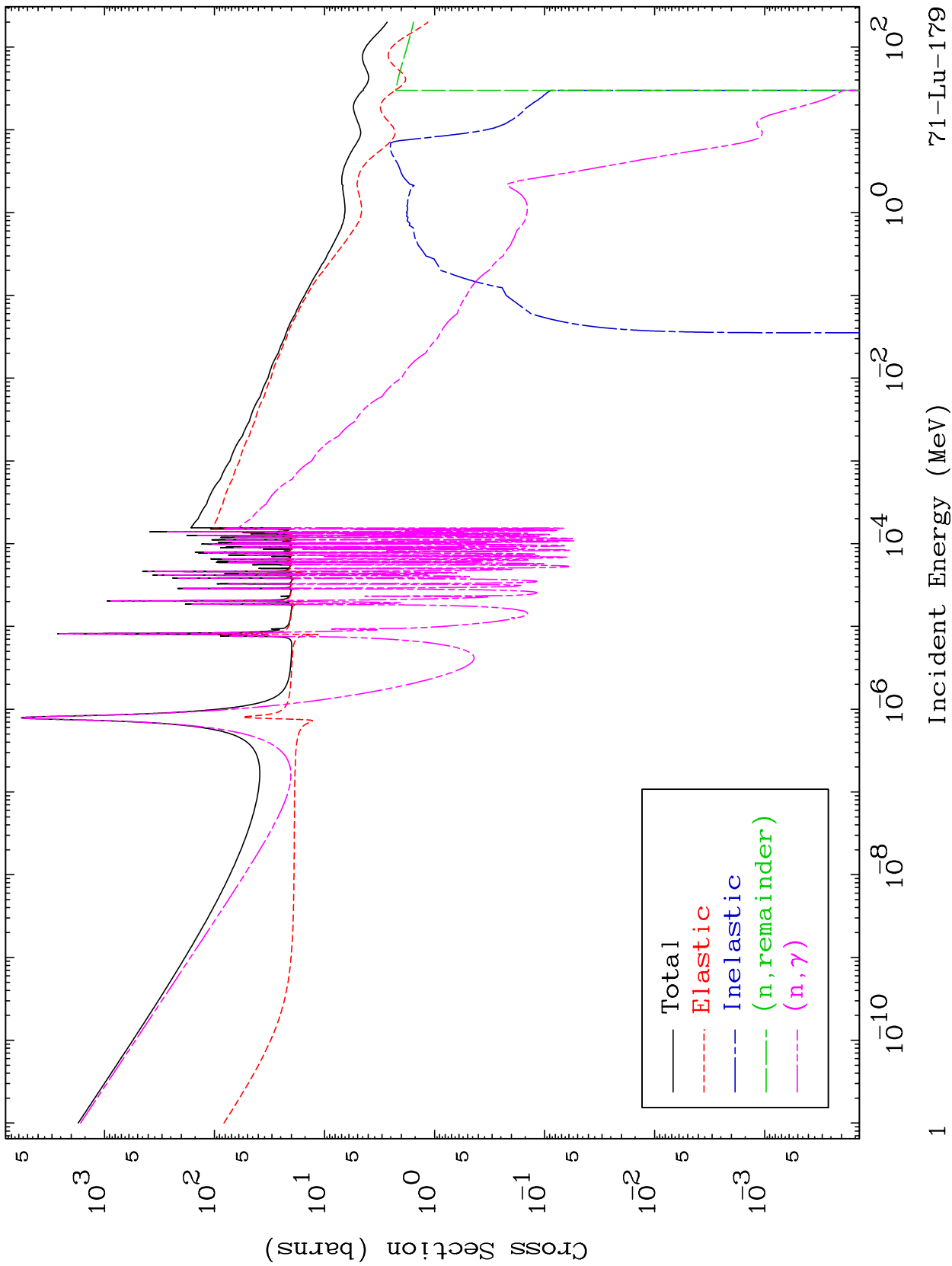
Press Mouse Button to Start

MAT 7137

Major

293 Kelvin Cross Sections

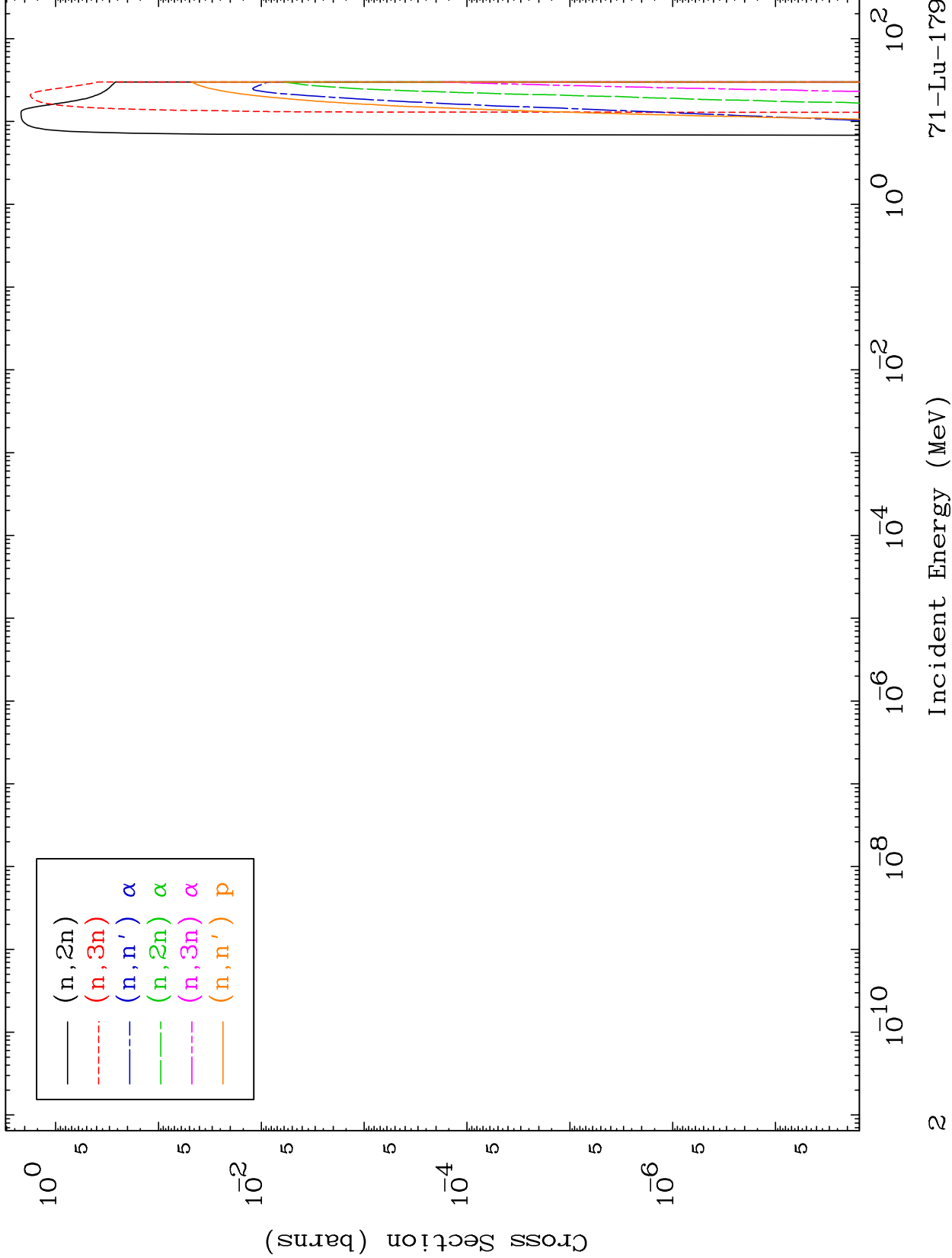
71-Lu-179

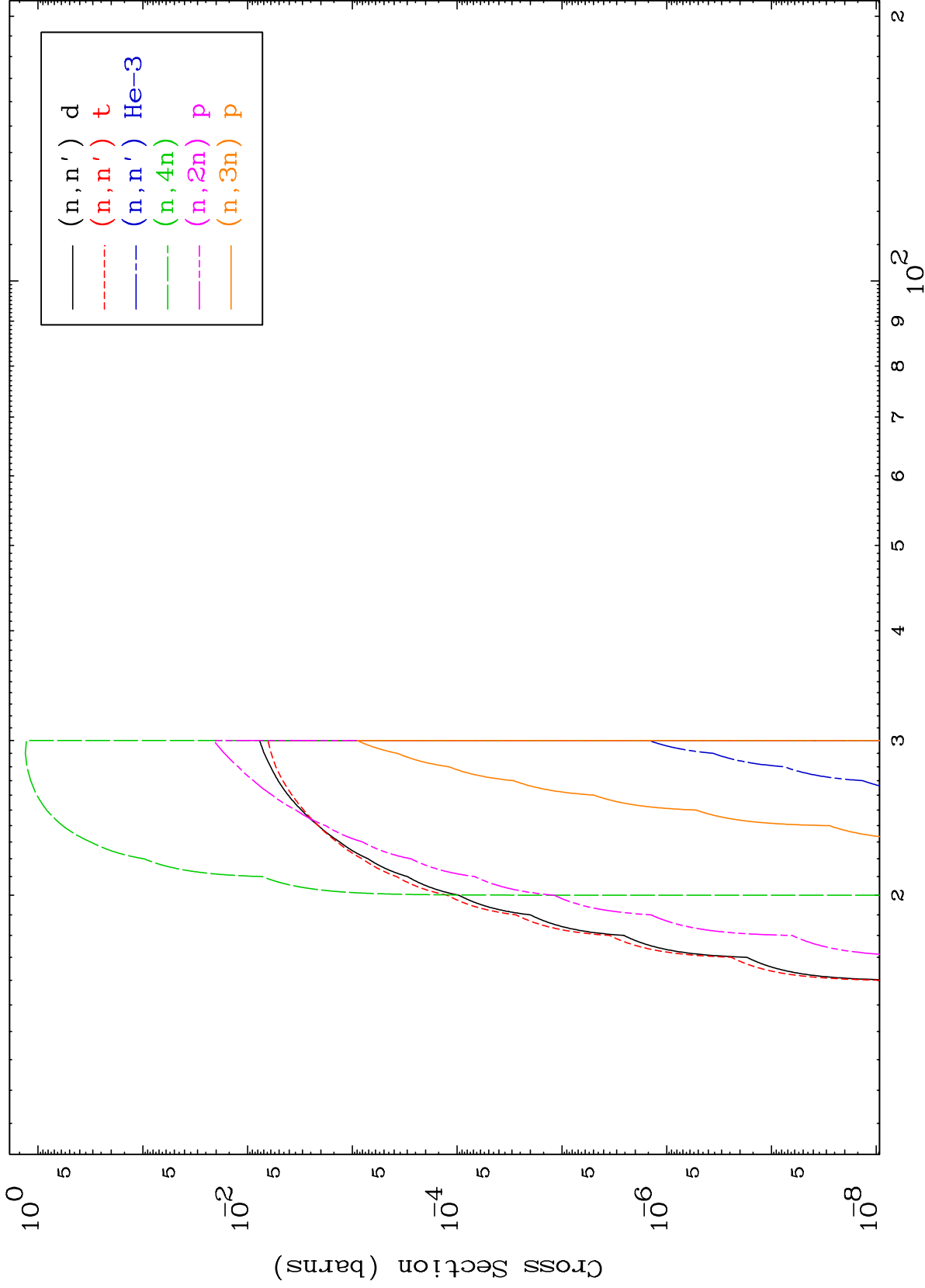


MAT 7137

Neutron Production  
293 Kelvin Cross Sections

71-Lu-179

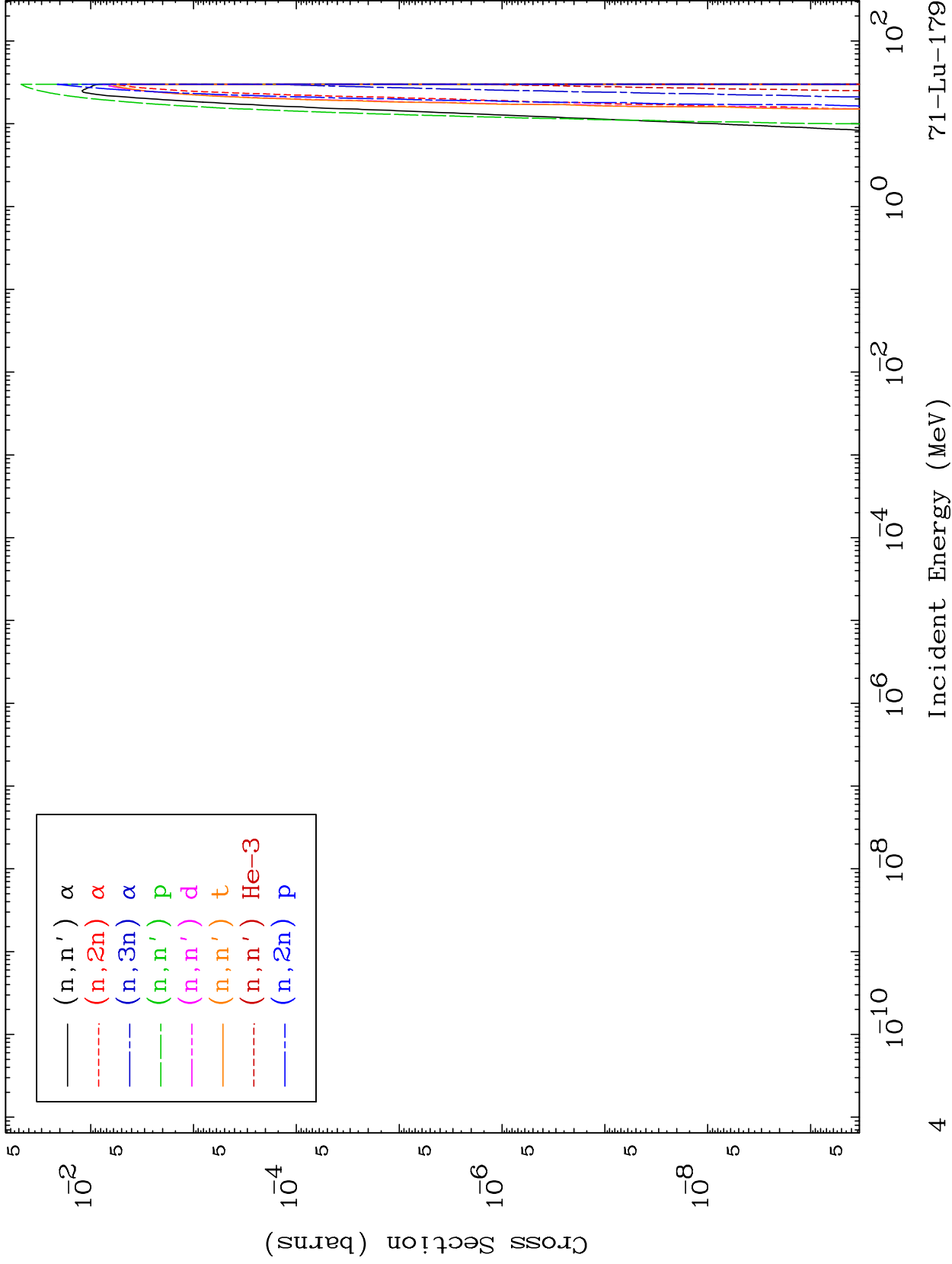




MAT 7137

Charged Particle  
293 Kelvin Cross Sections

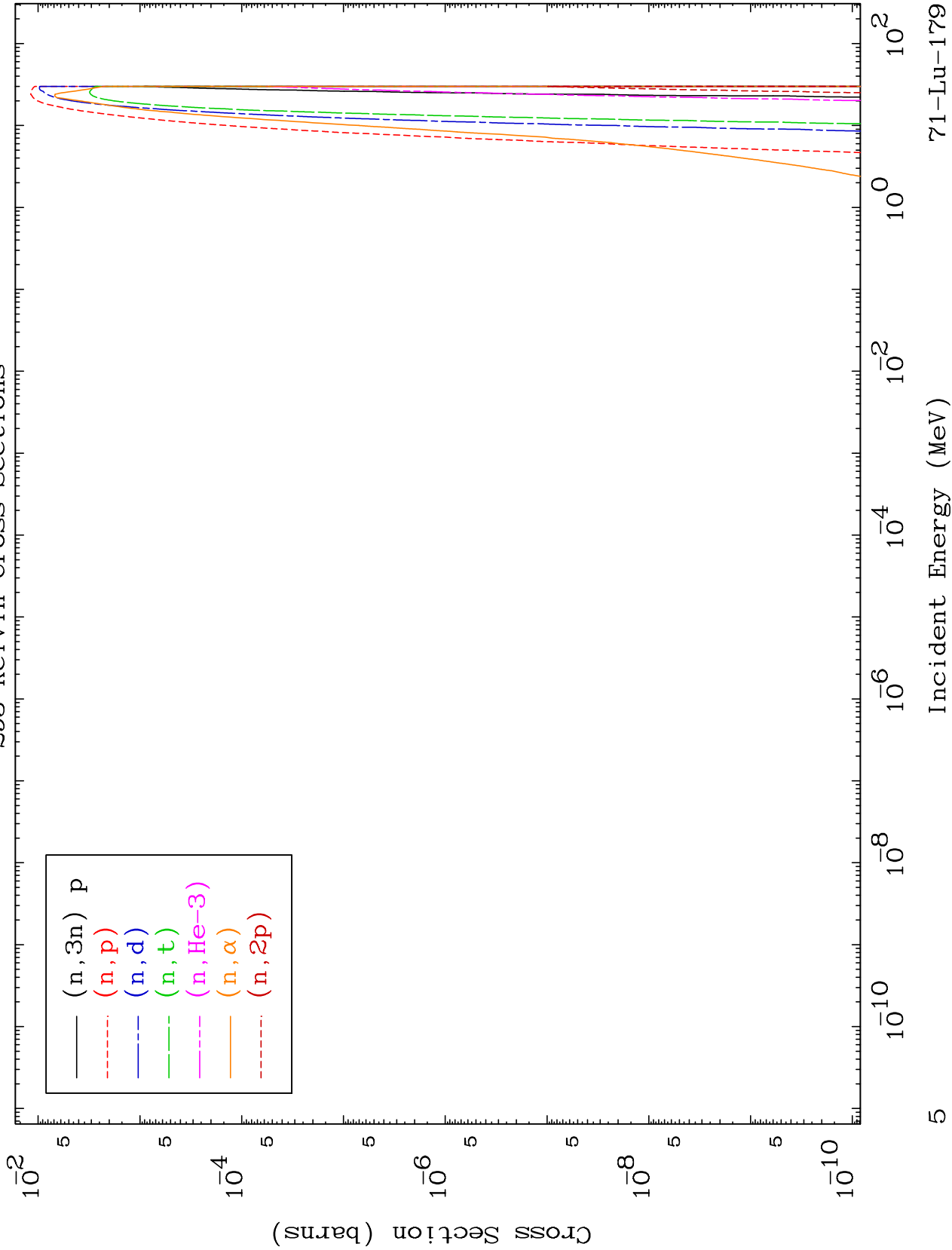
71-Lu-179



MAT 7137

Charged Particle  
293 Kelvin Cross Sections

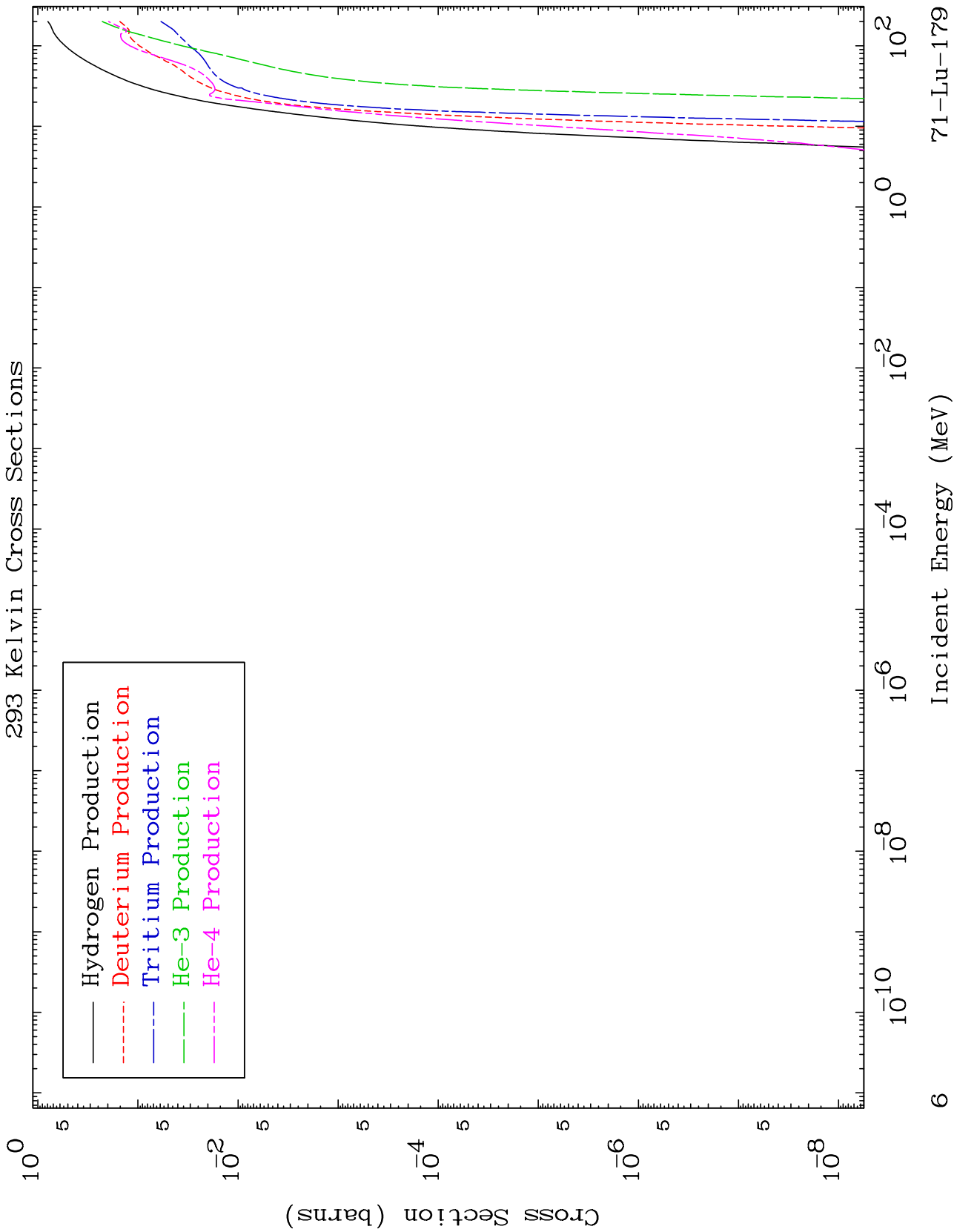
71-Lu-179



MAT 7137

Particle Production  
293 Kelvin Cross Sections

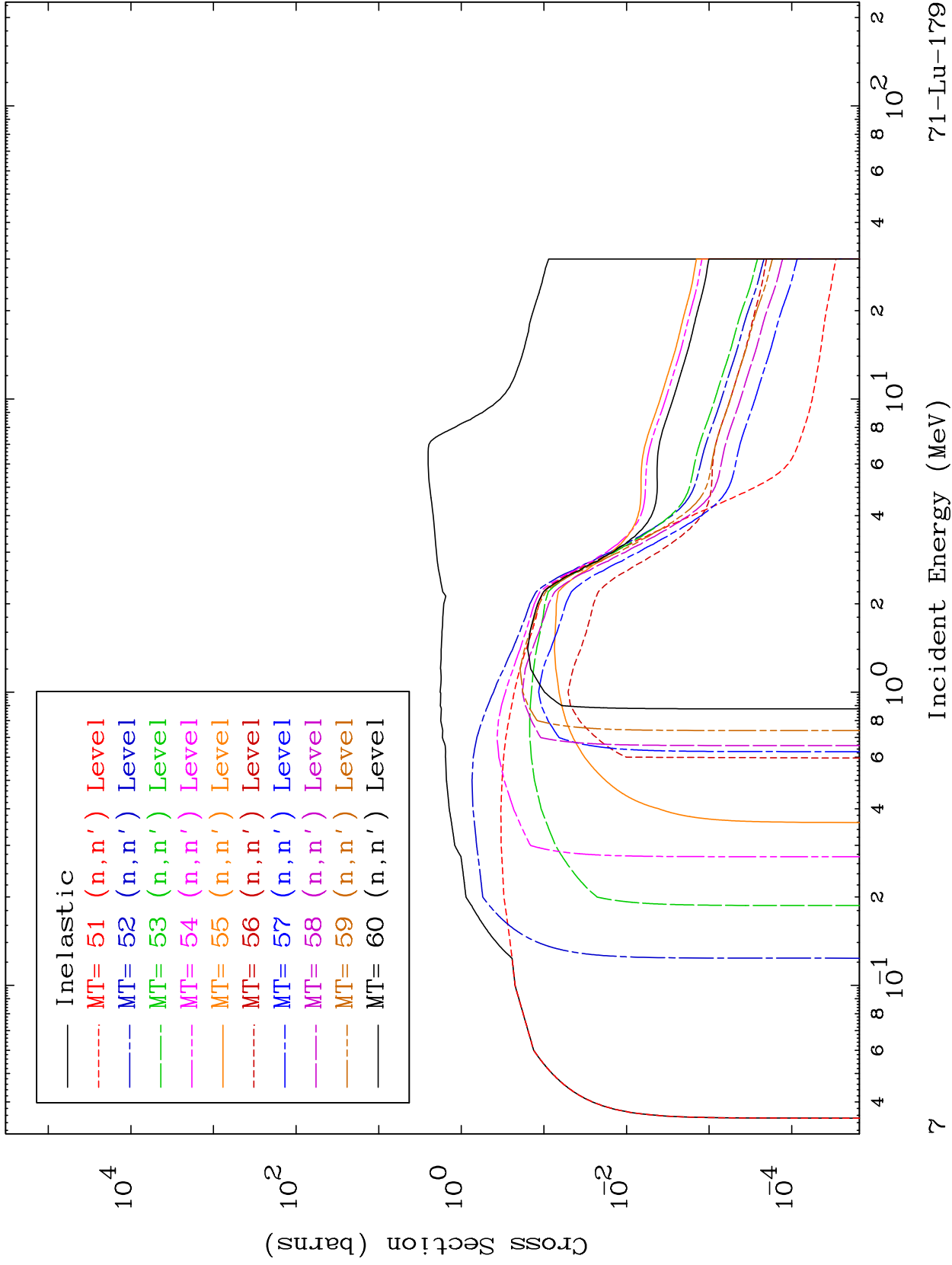
71-Lu-179



MAT 7137

293 (n,n') Level  
Kelvin Cross Sections

71-Lu-179



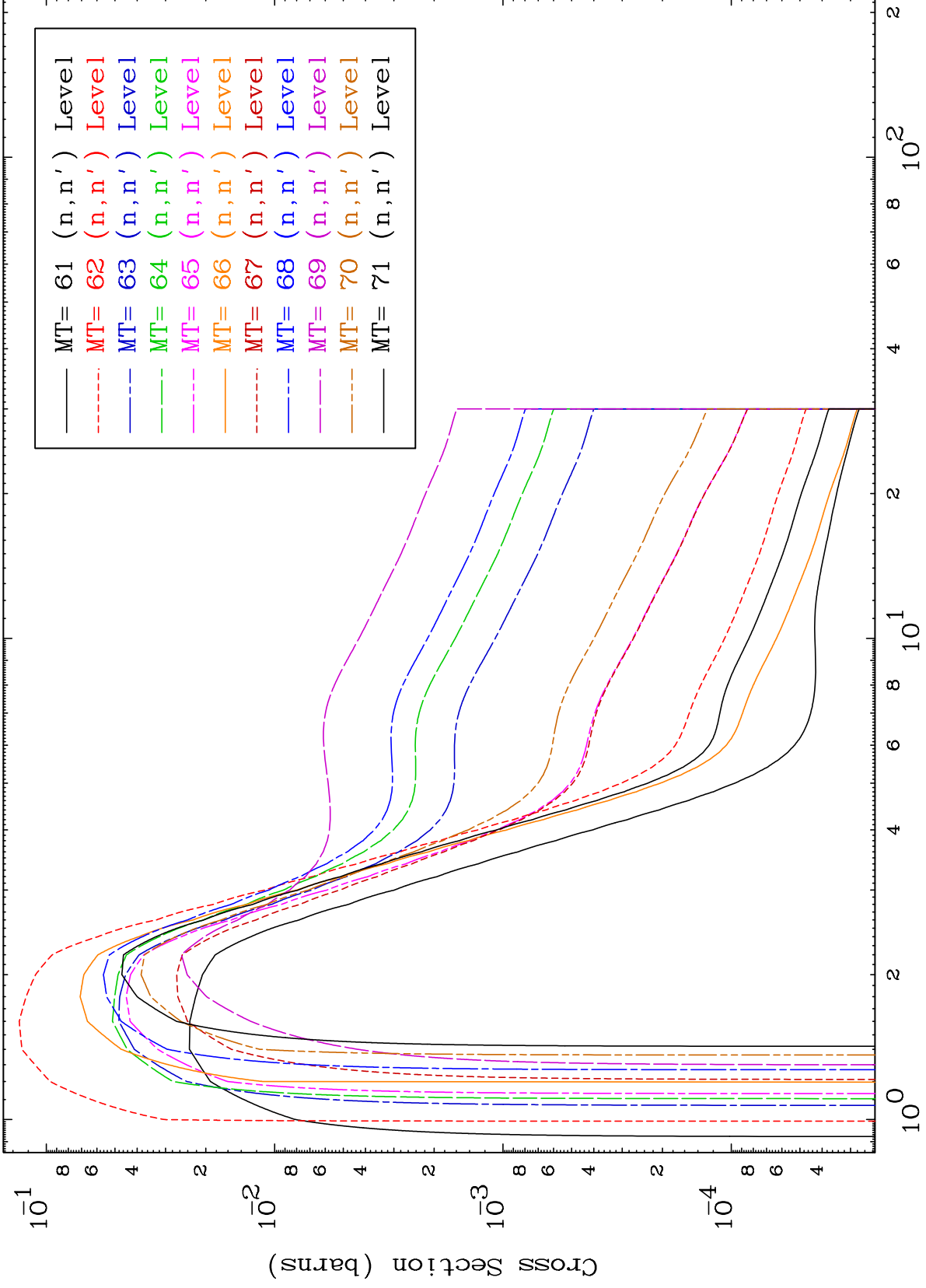


MAT 7137

(n,n') Level

71-Lu-179

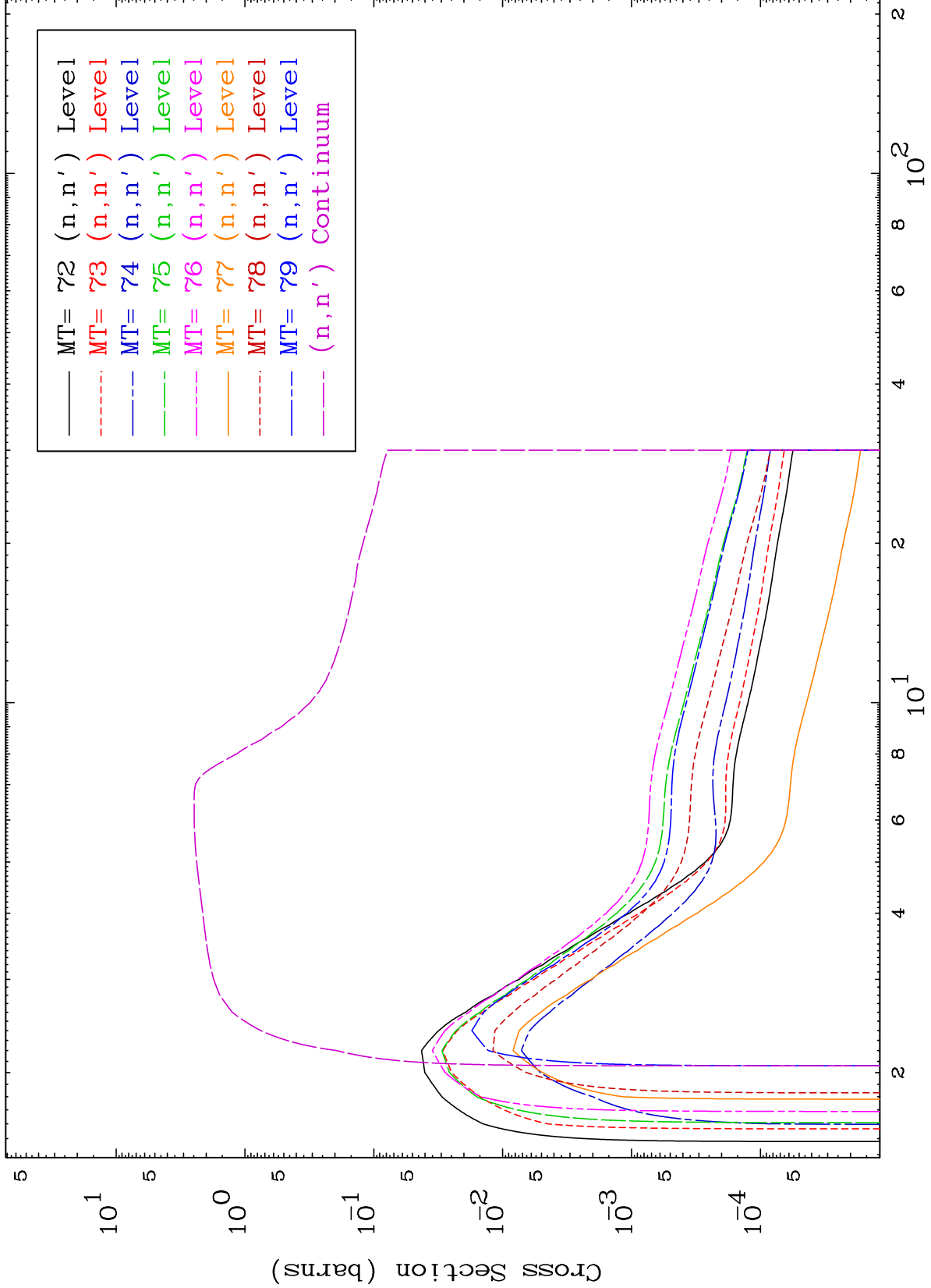
293 Kelvin Cross Sections



Incident Energy (MeV)

71-Lu-179

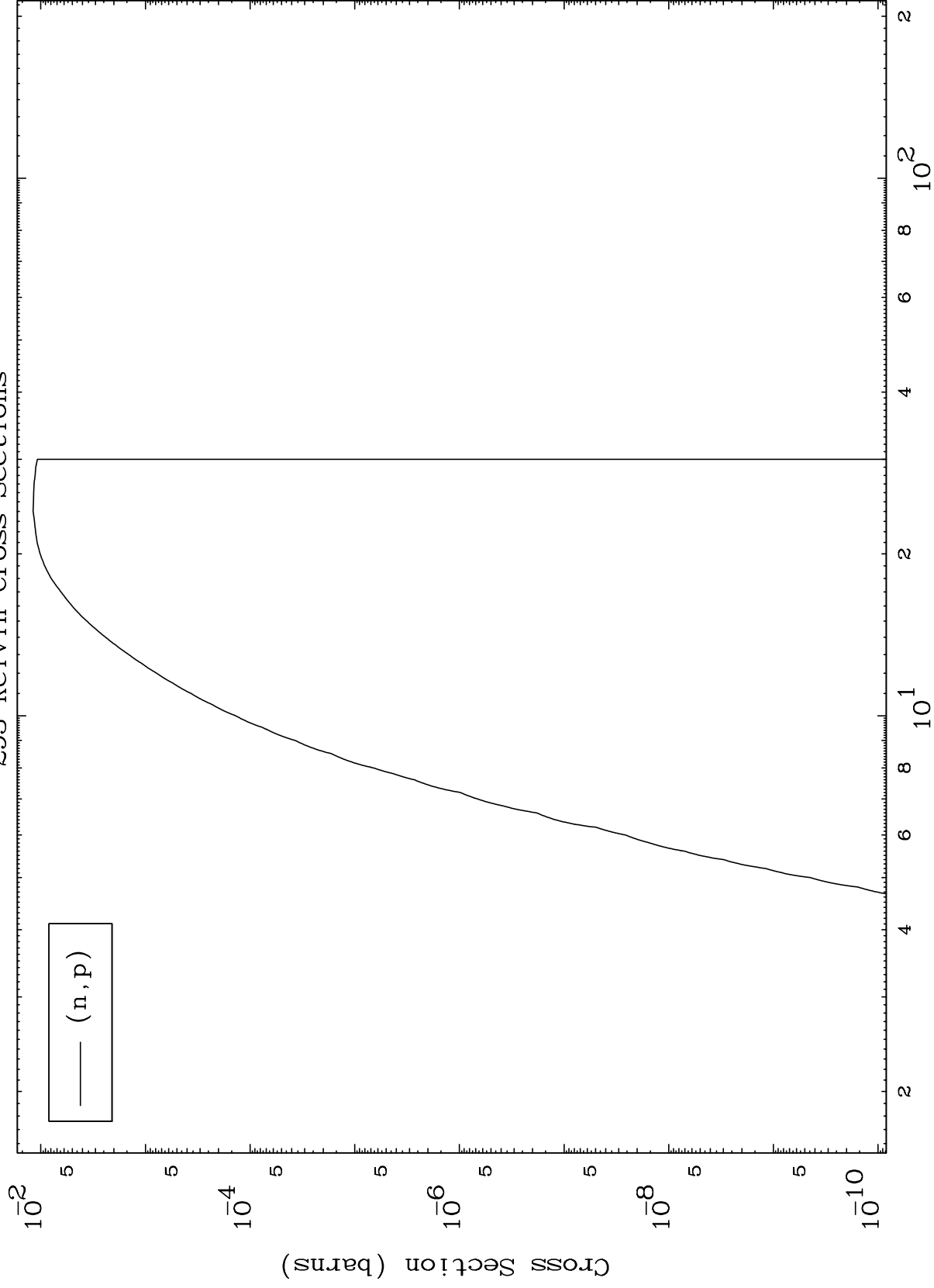
293 Kelvin Cross Sections



MAT 7137

(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-179



10

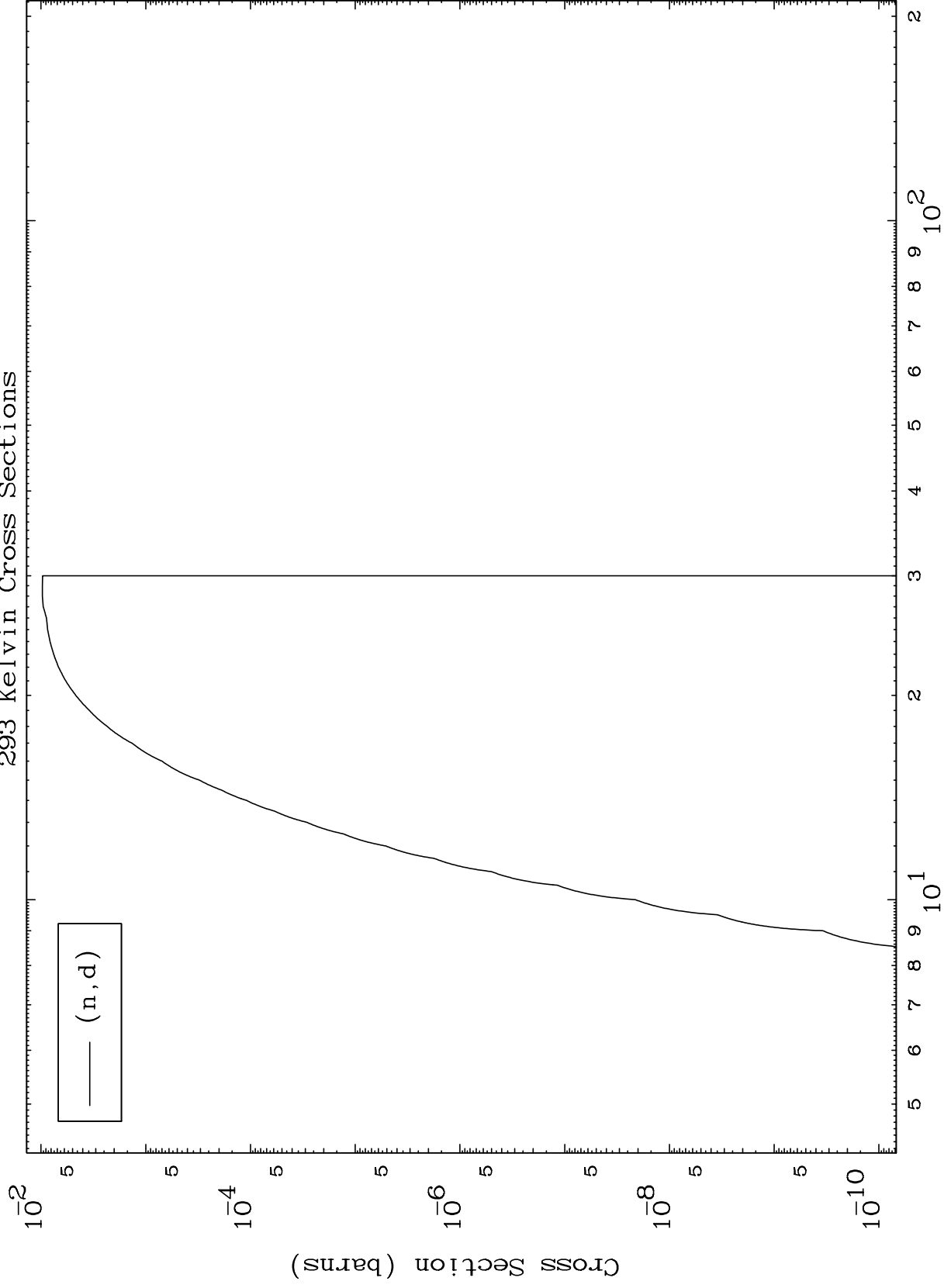
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-179



11

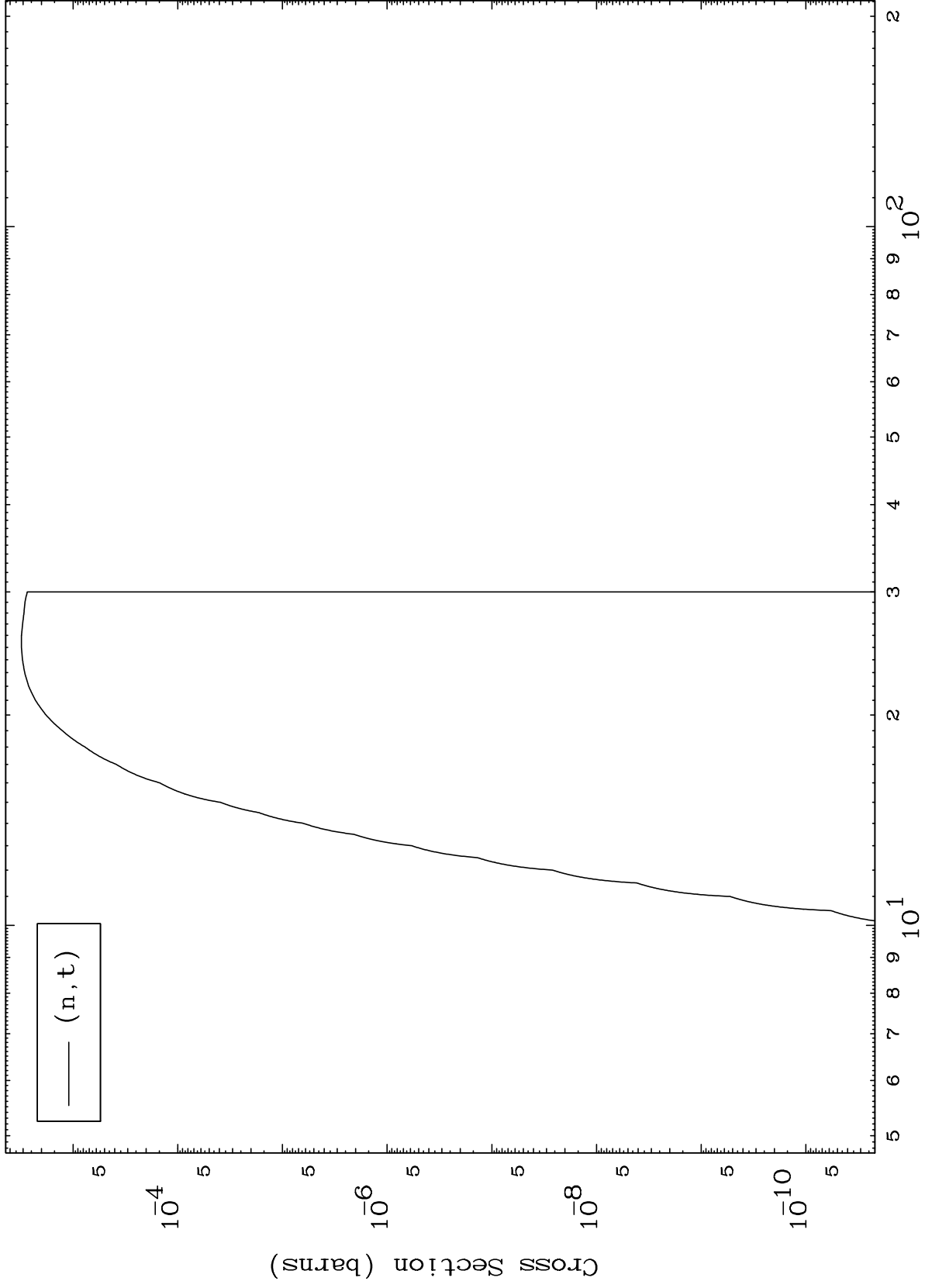
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-179



12

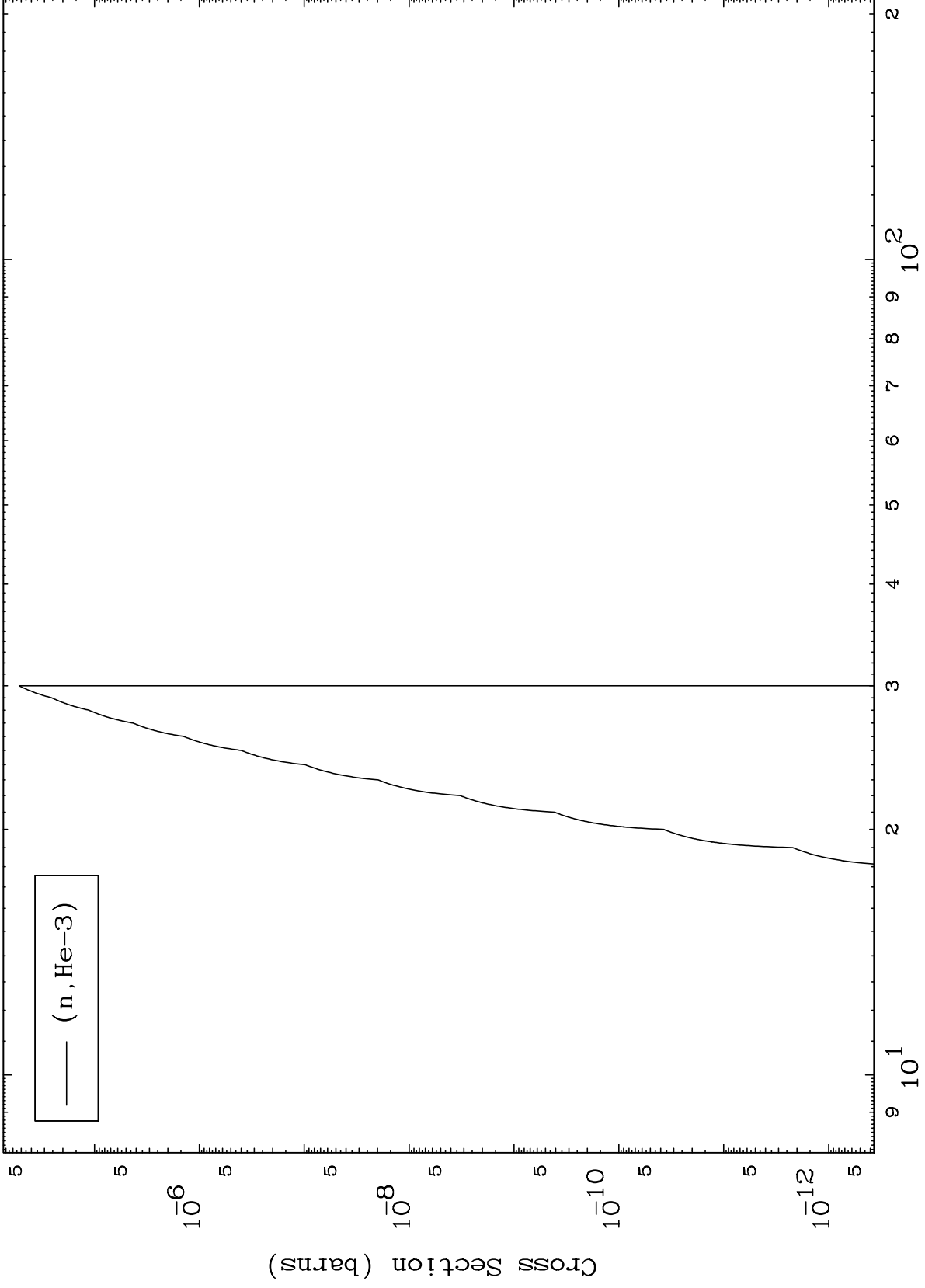
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-179



13

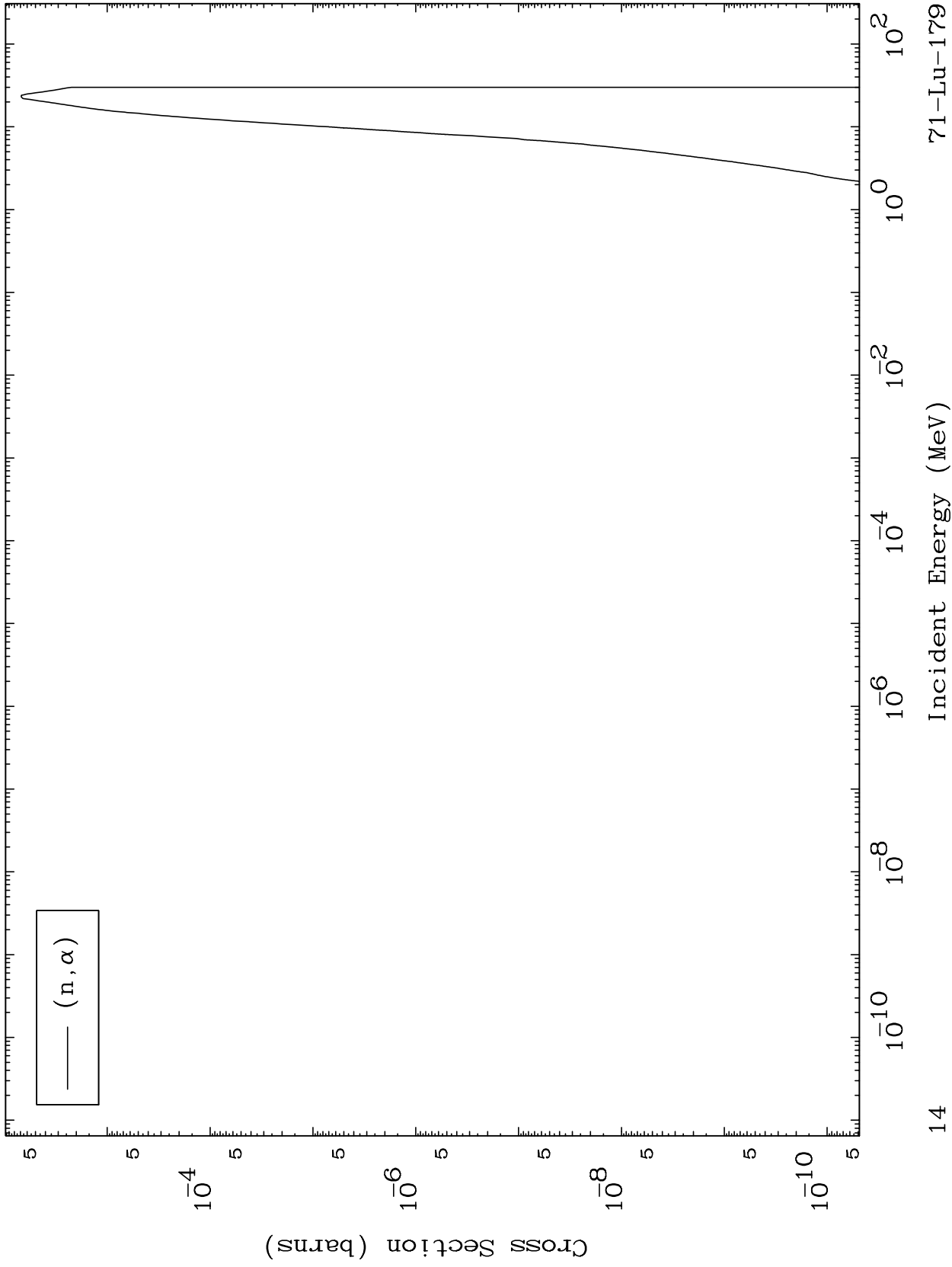
Incident Energy (MeV)

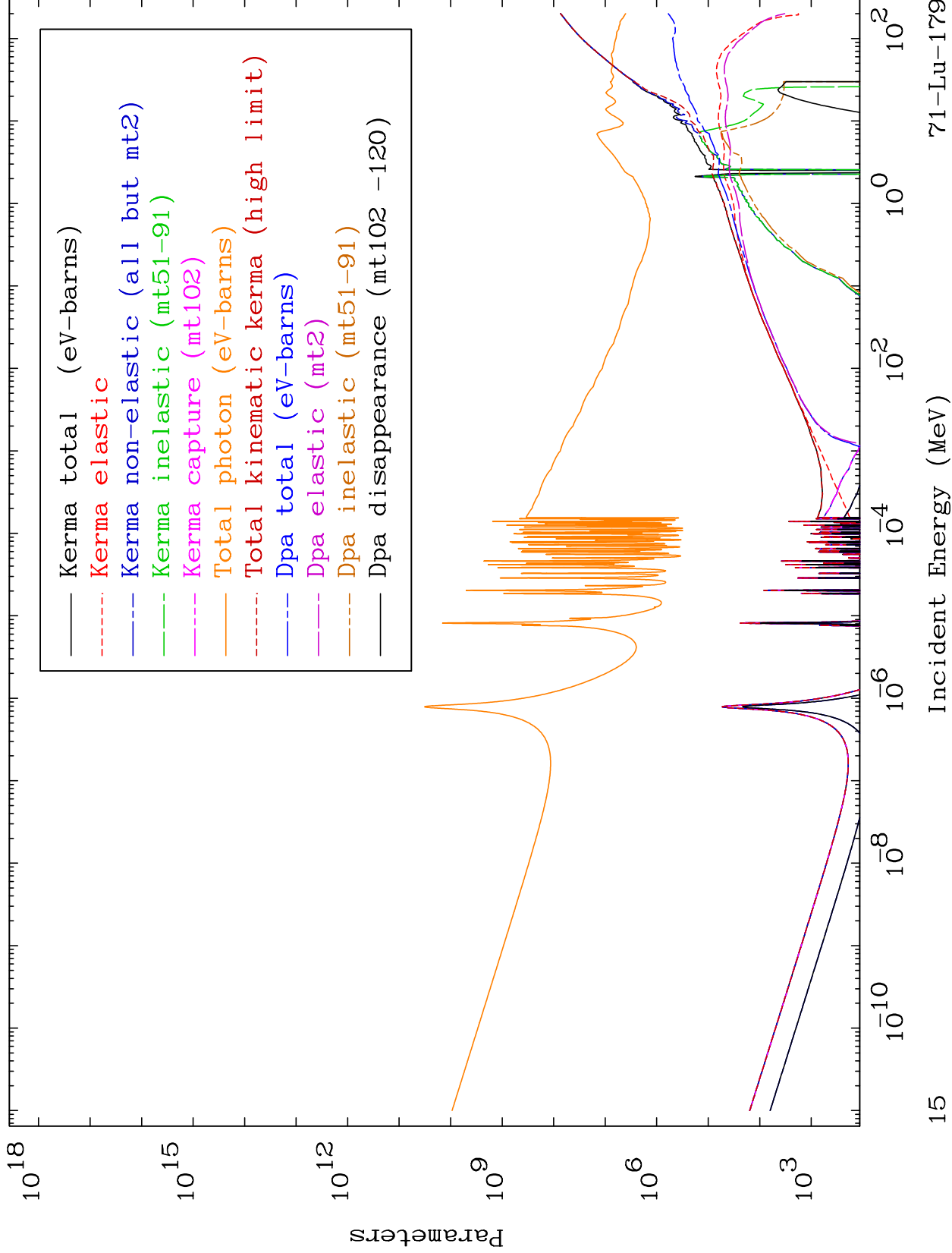
71-Lu-179

MAT 7137

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

71-Lu-179



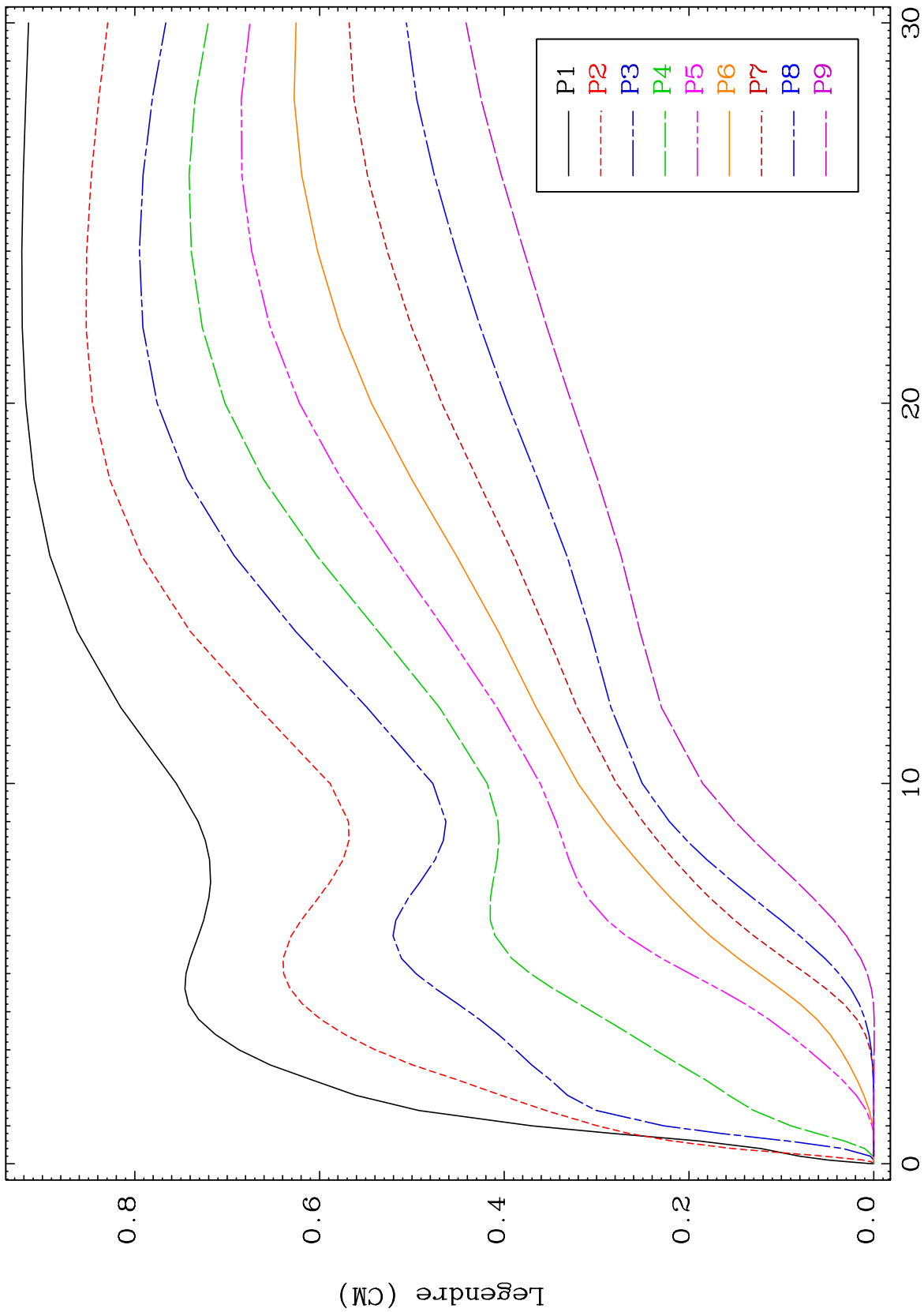




MAT 7137

71-Lu-179

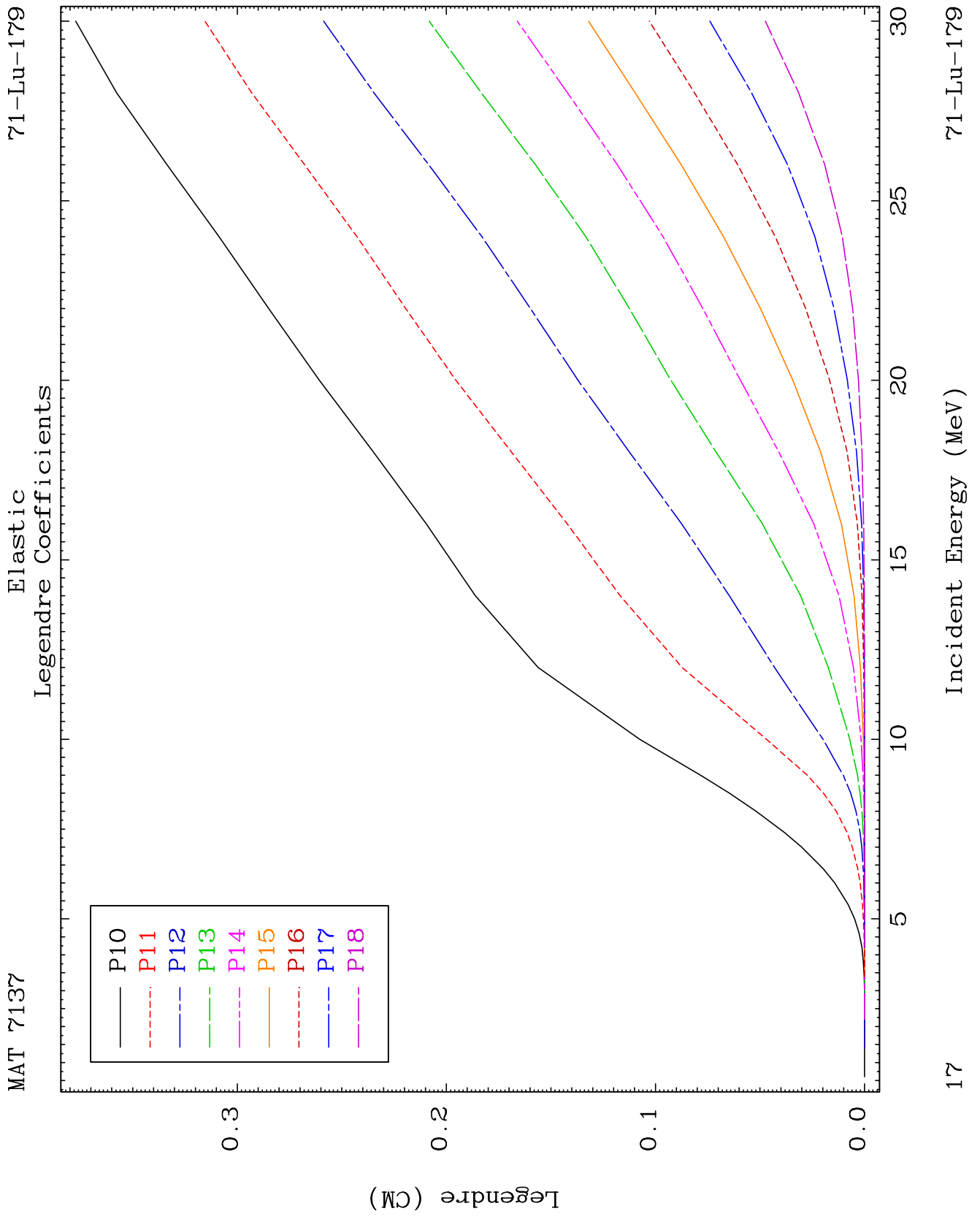
Elastic Legendre Coefficients



16

Incident Energy (MeV)

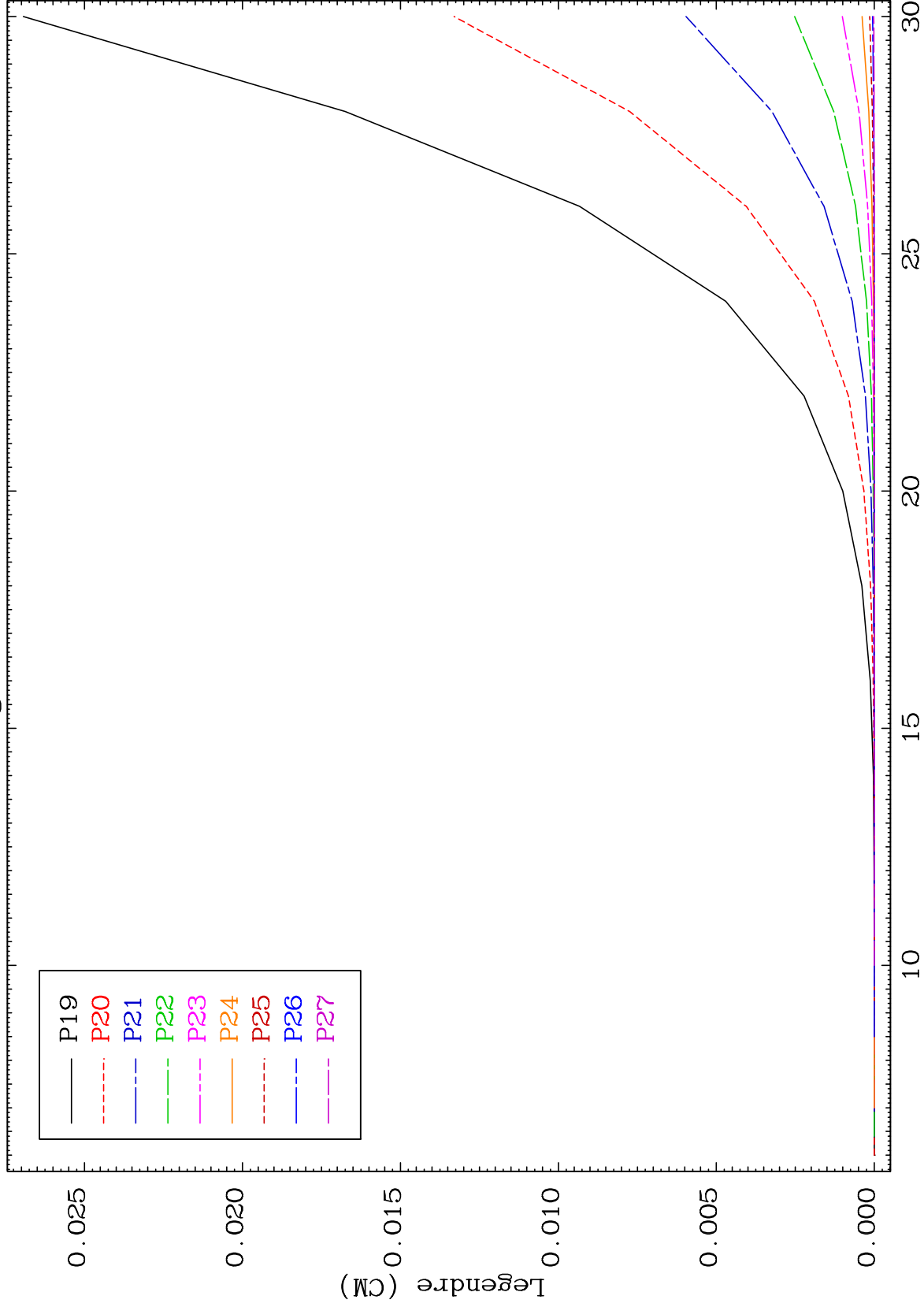
71-Lu-179



MAT 7137

### Elastic Legendre Coefficients

71-Lu-179



18

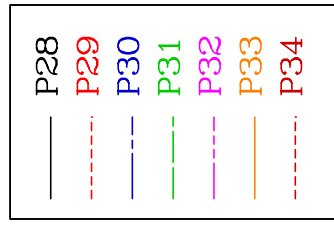
Incident Energy (MeV)

71-Lu-179

MAT 7137

Elastic Legendre Coefficients

71-Lu-179

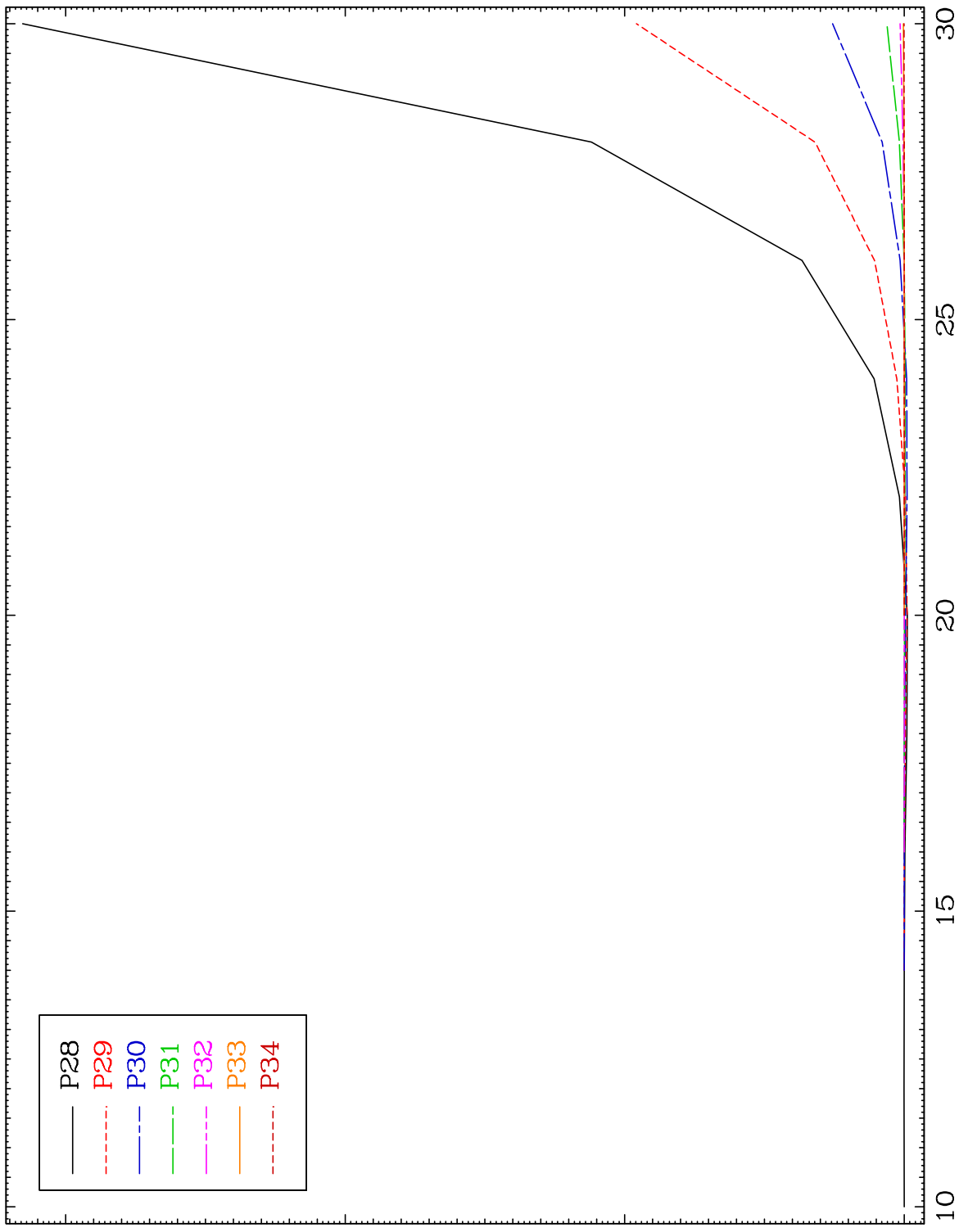


$\times 10^{-66}$

Legendre (CM)

Incident Energy (MeV)

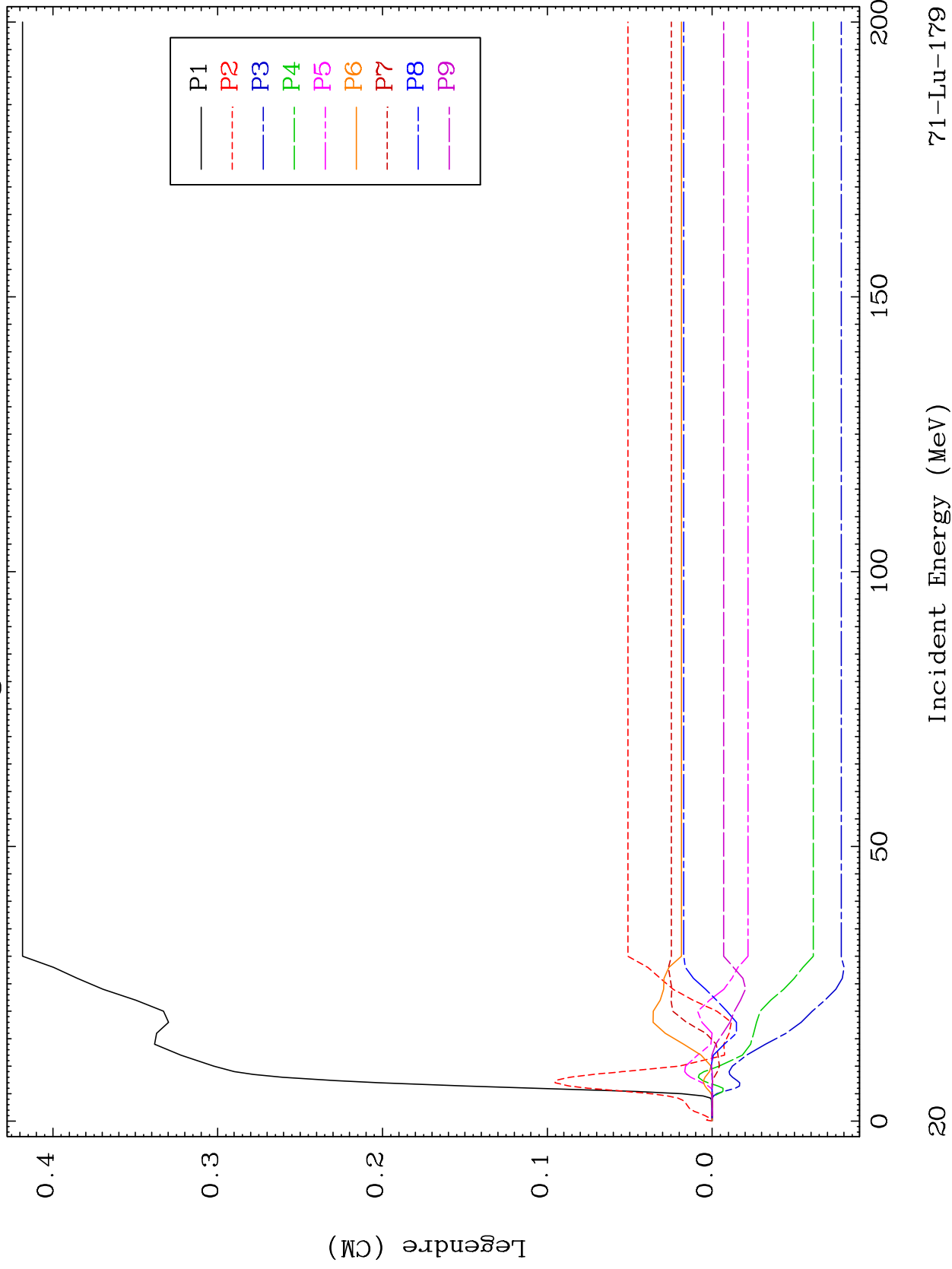
71-Lu-179



MAT 7137

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

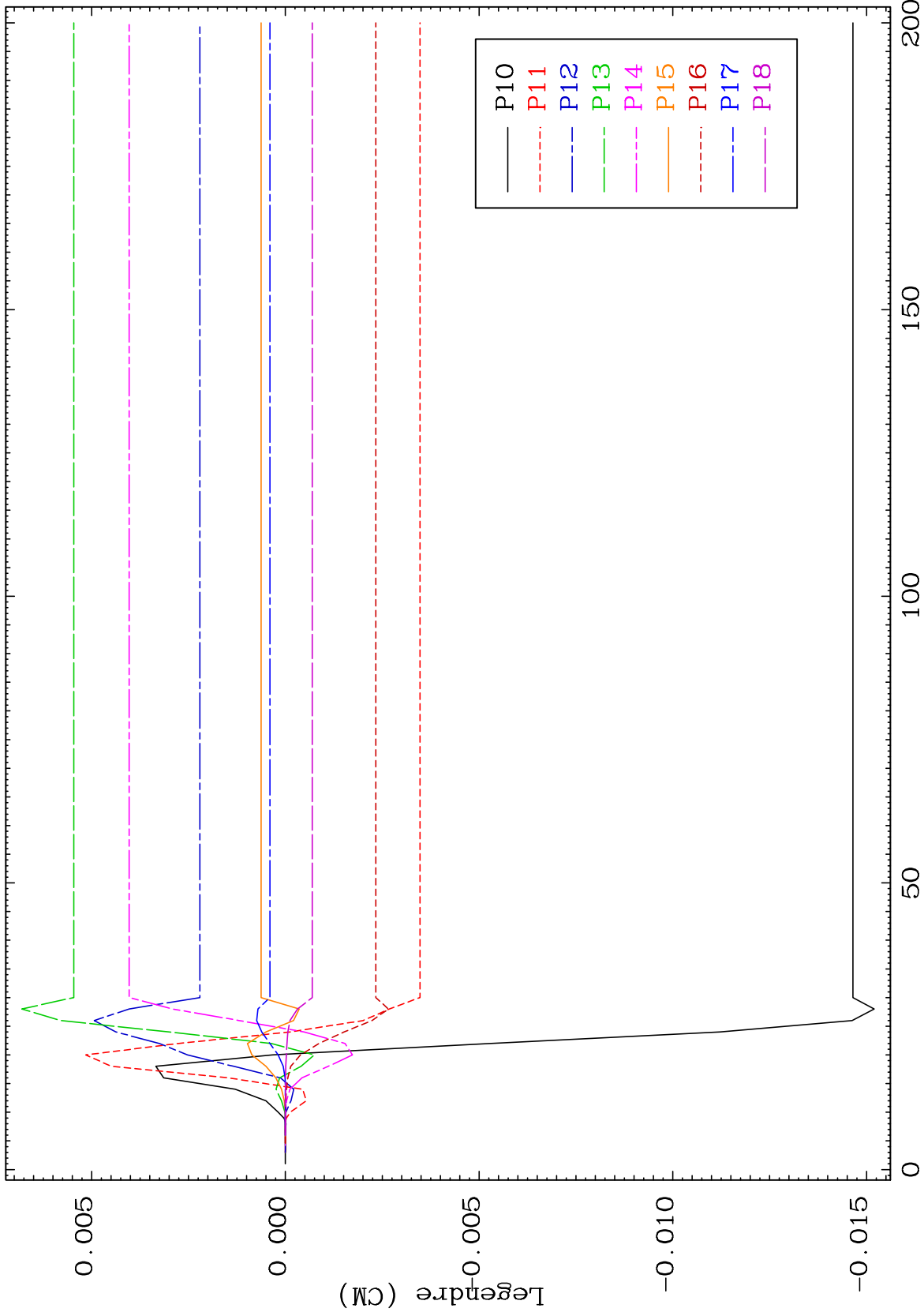
71-Lu-179



MAT 7137

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

71-Lu-179



21

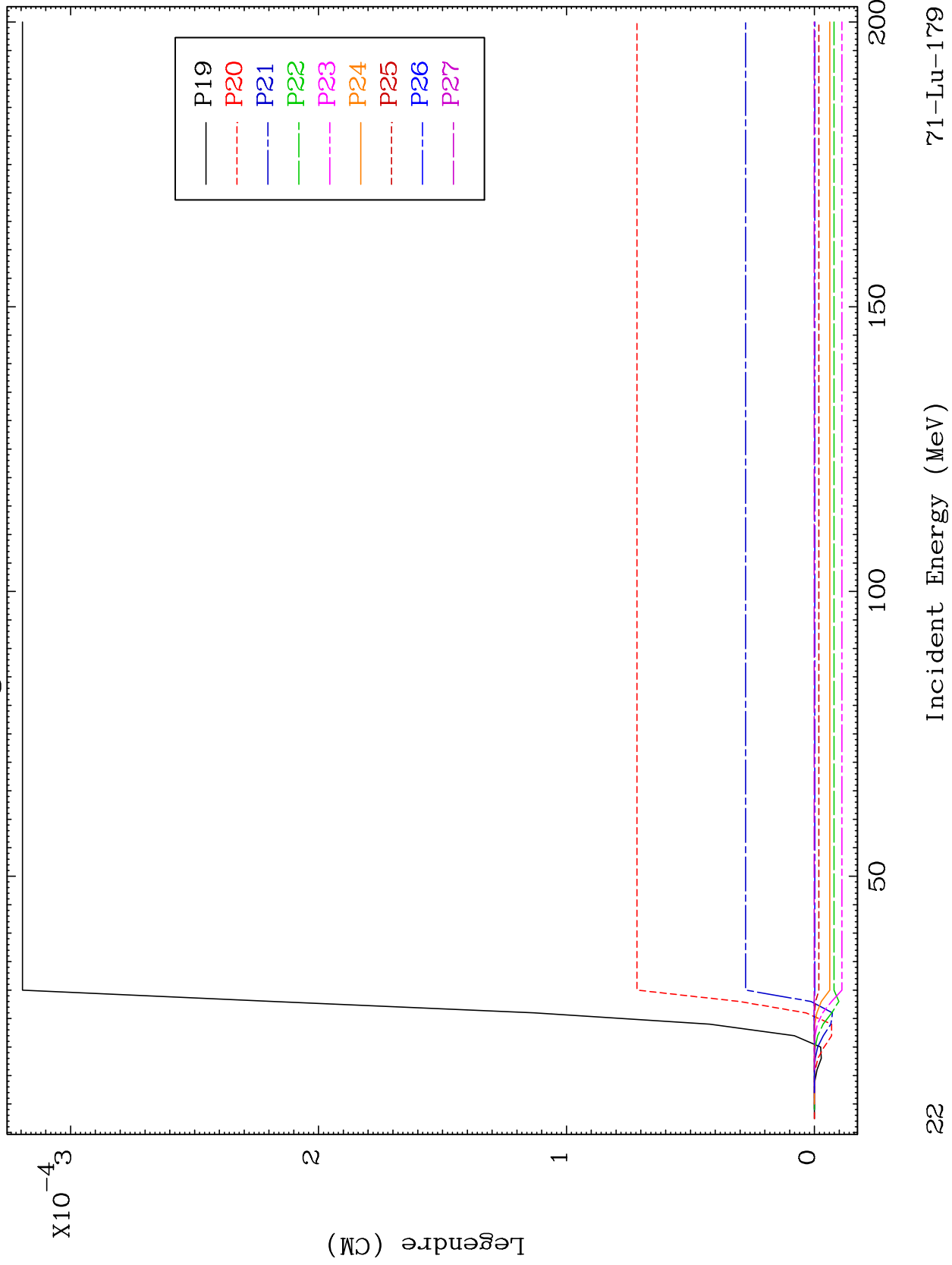
Incident Energy (MeV)

71-Lu-179

MAT 7137

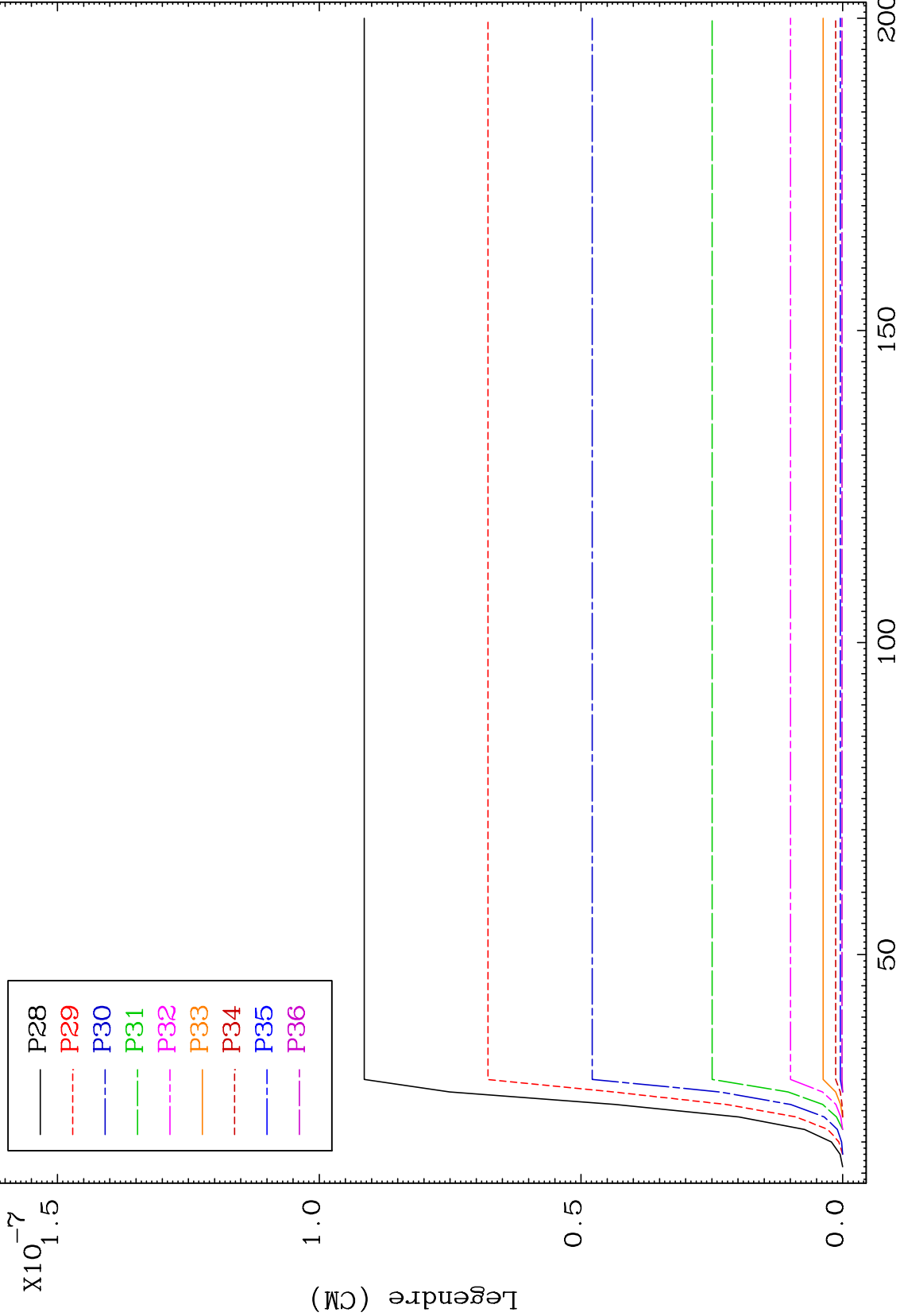
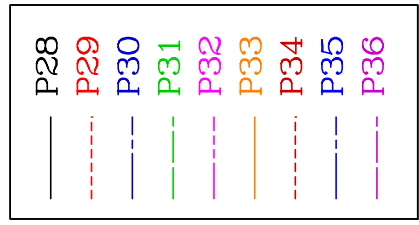
MT= 51 (n,n') Level  
Legendre Coefficients

71-Lu-179



22

71-Lu-179

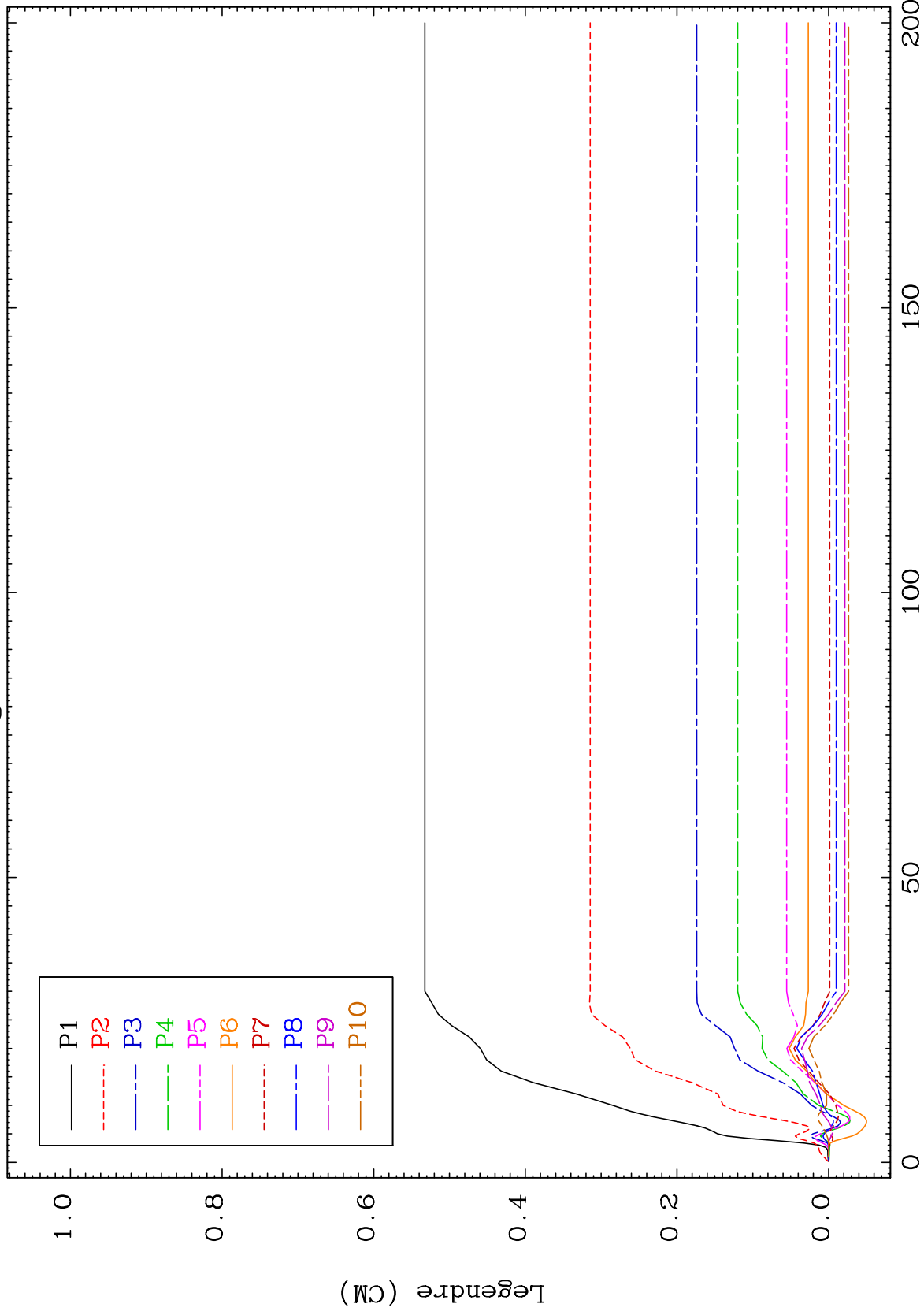




MAT 7137

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

71-Lu-179



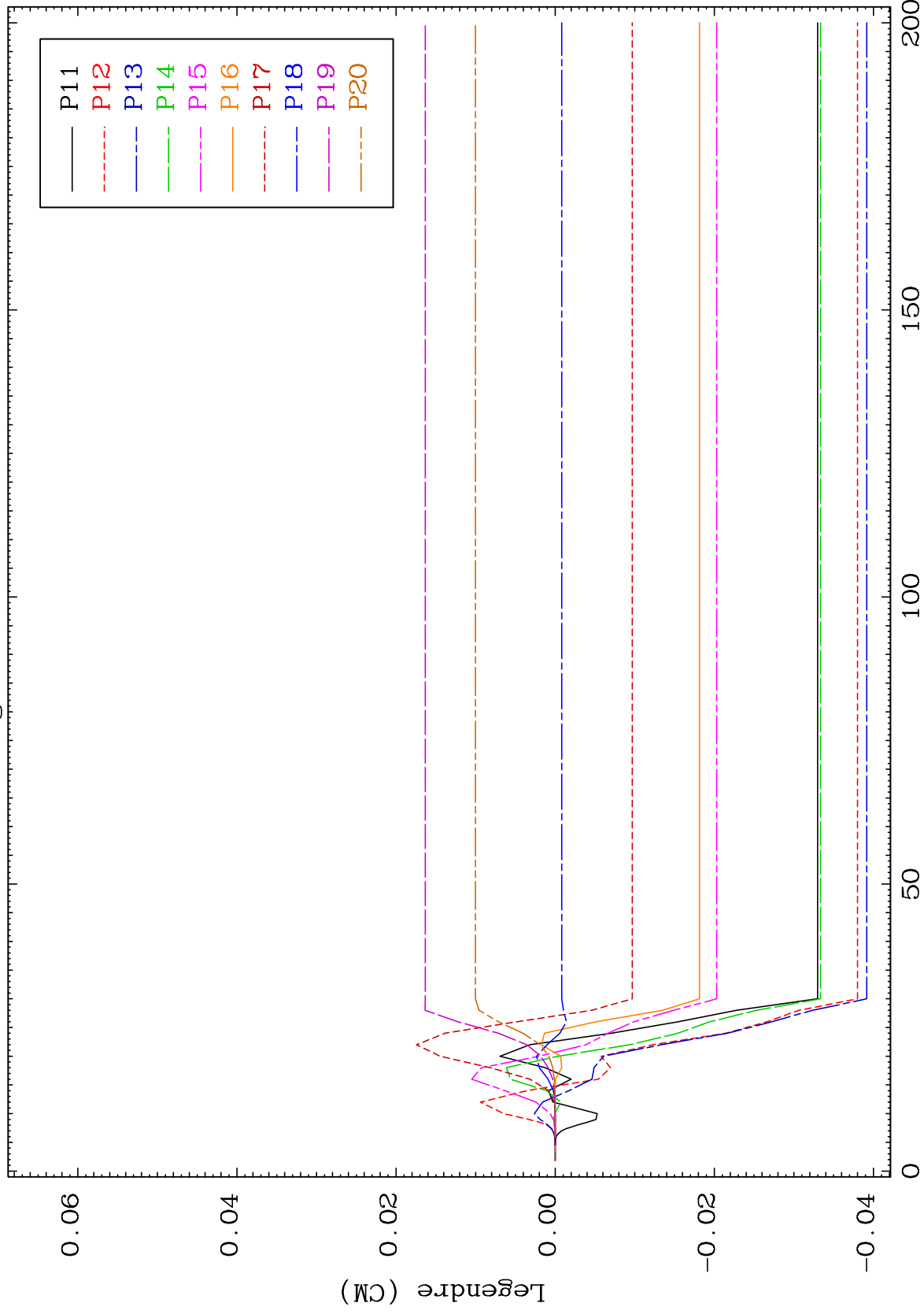
24

71-Lu-179

MAT 7137

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

71-Lu-179



25

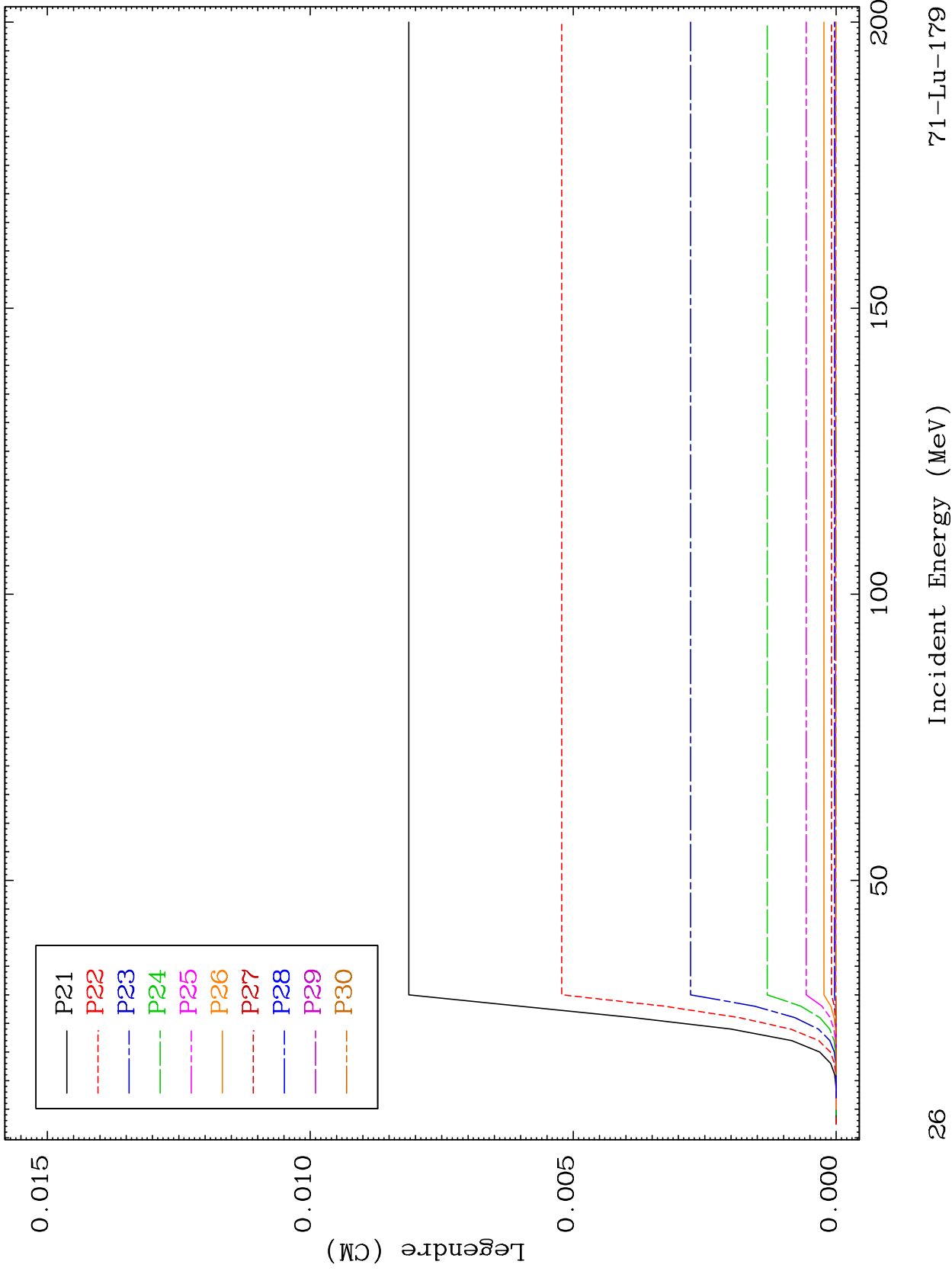
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



26

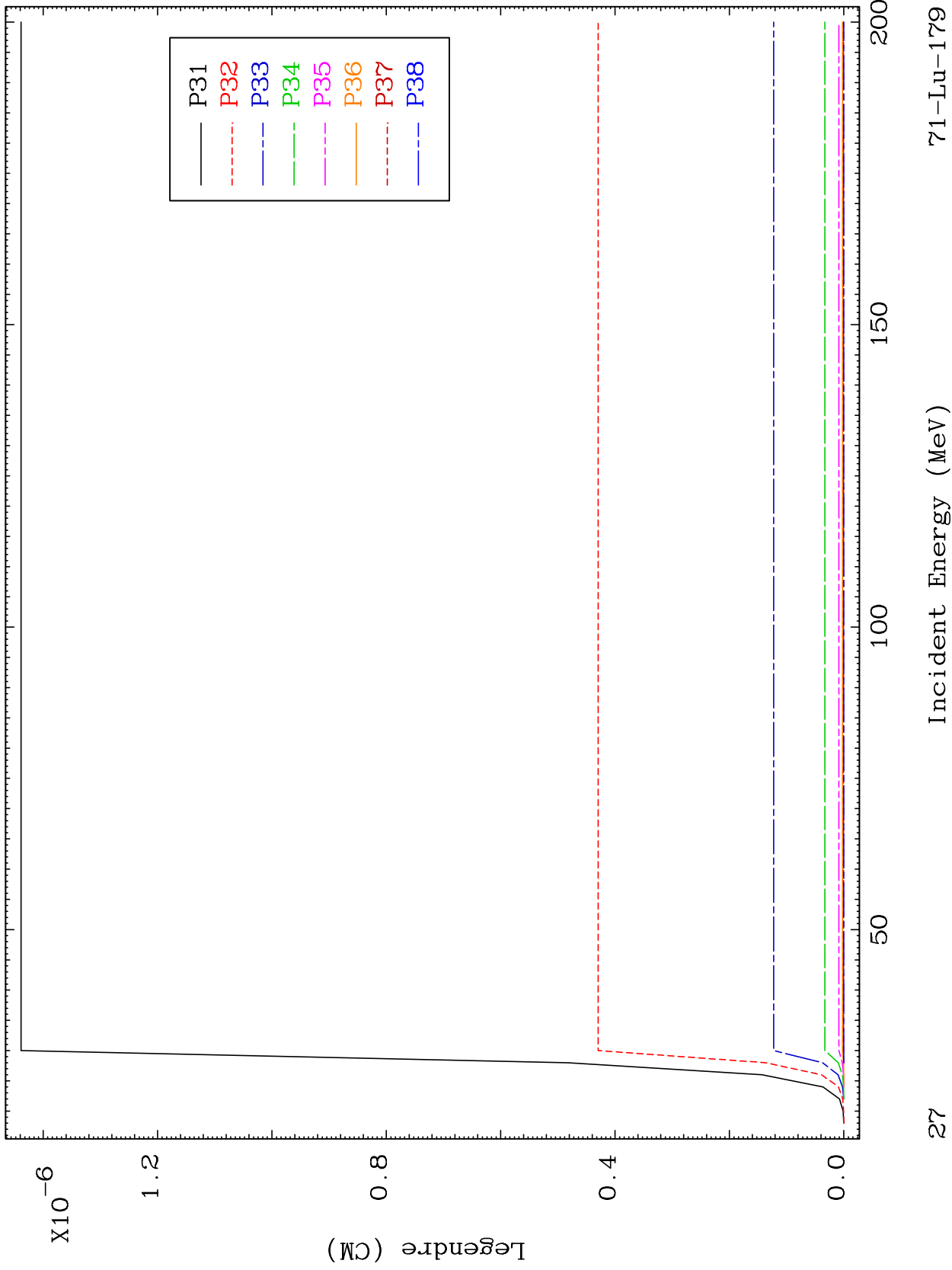
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

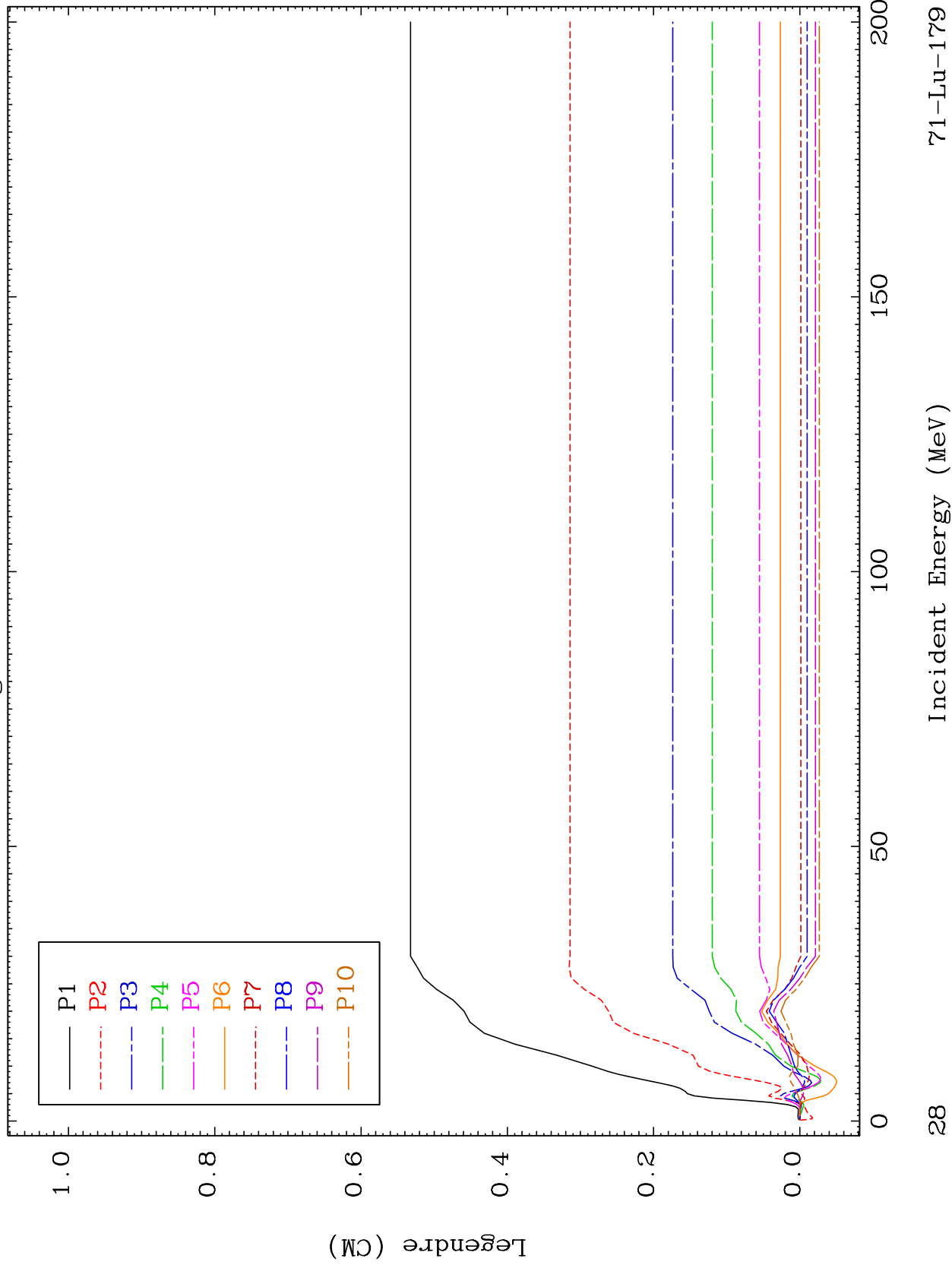
71-Lu-179



MAT 7137

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

71-Lu-179

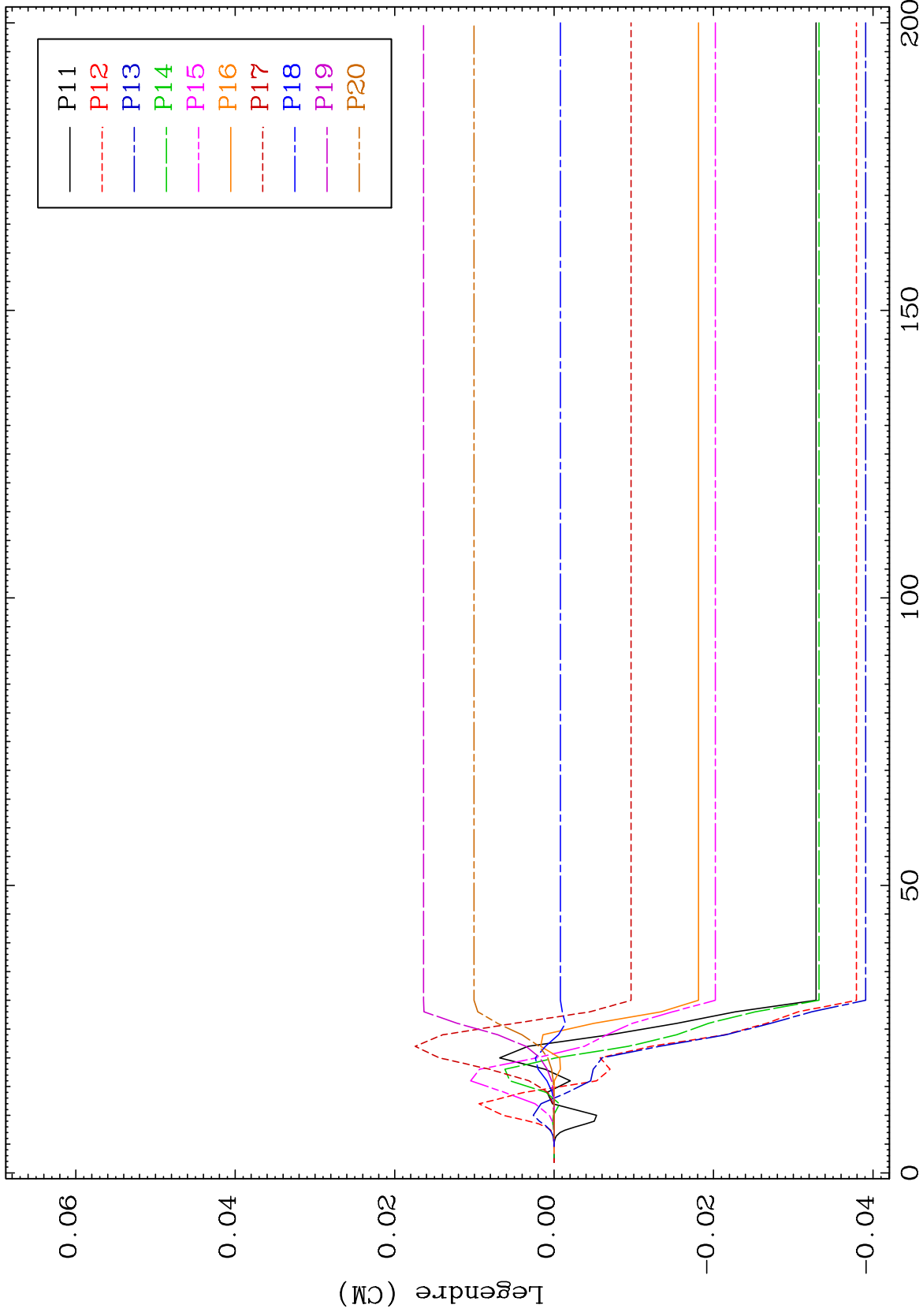


28

MAT 7137

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

71-Lu-179



29

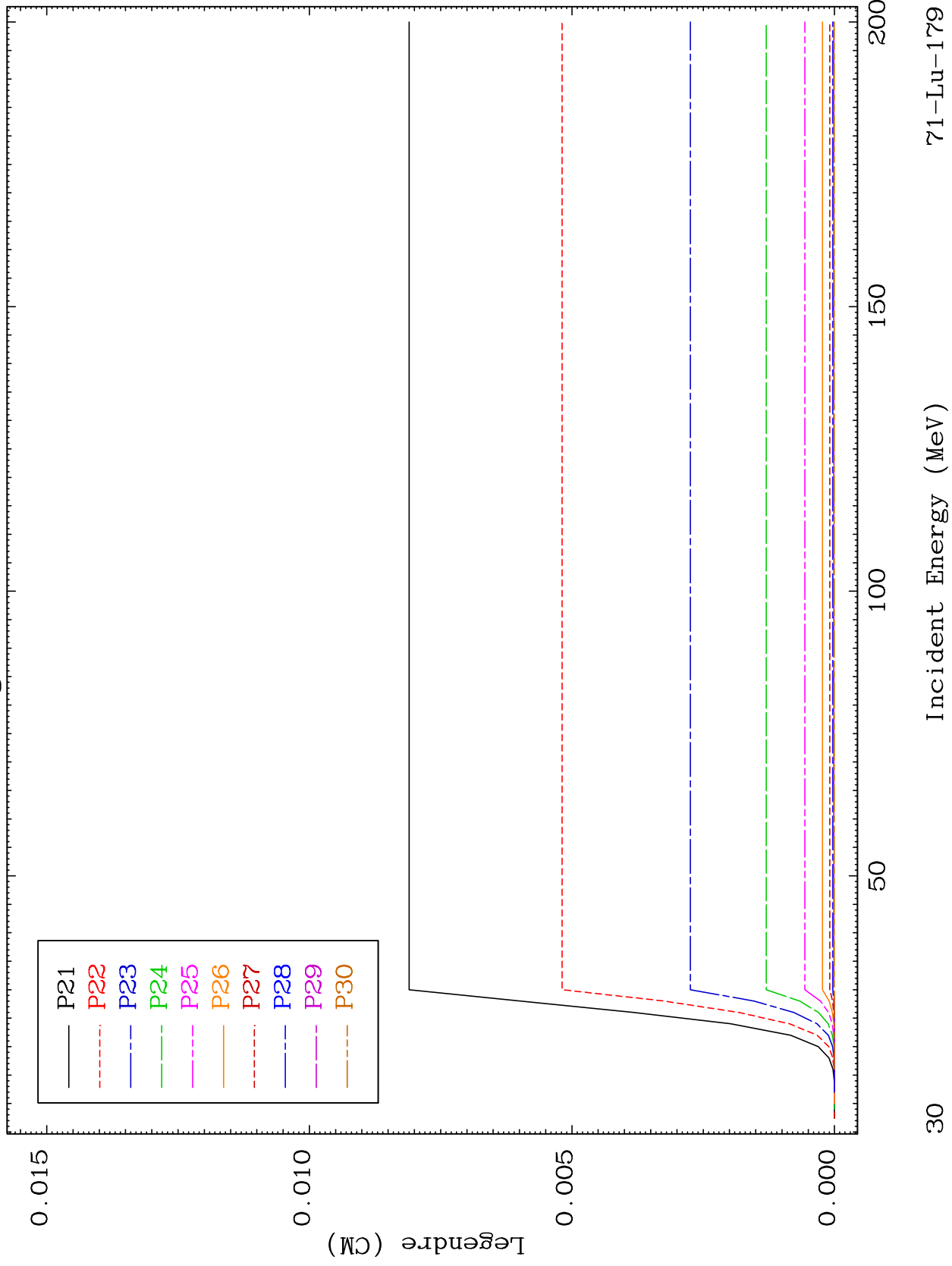
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



30

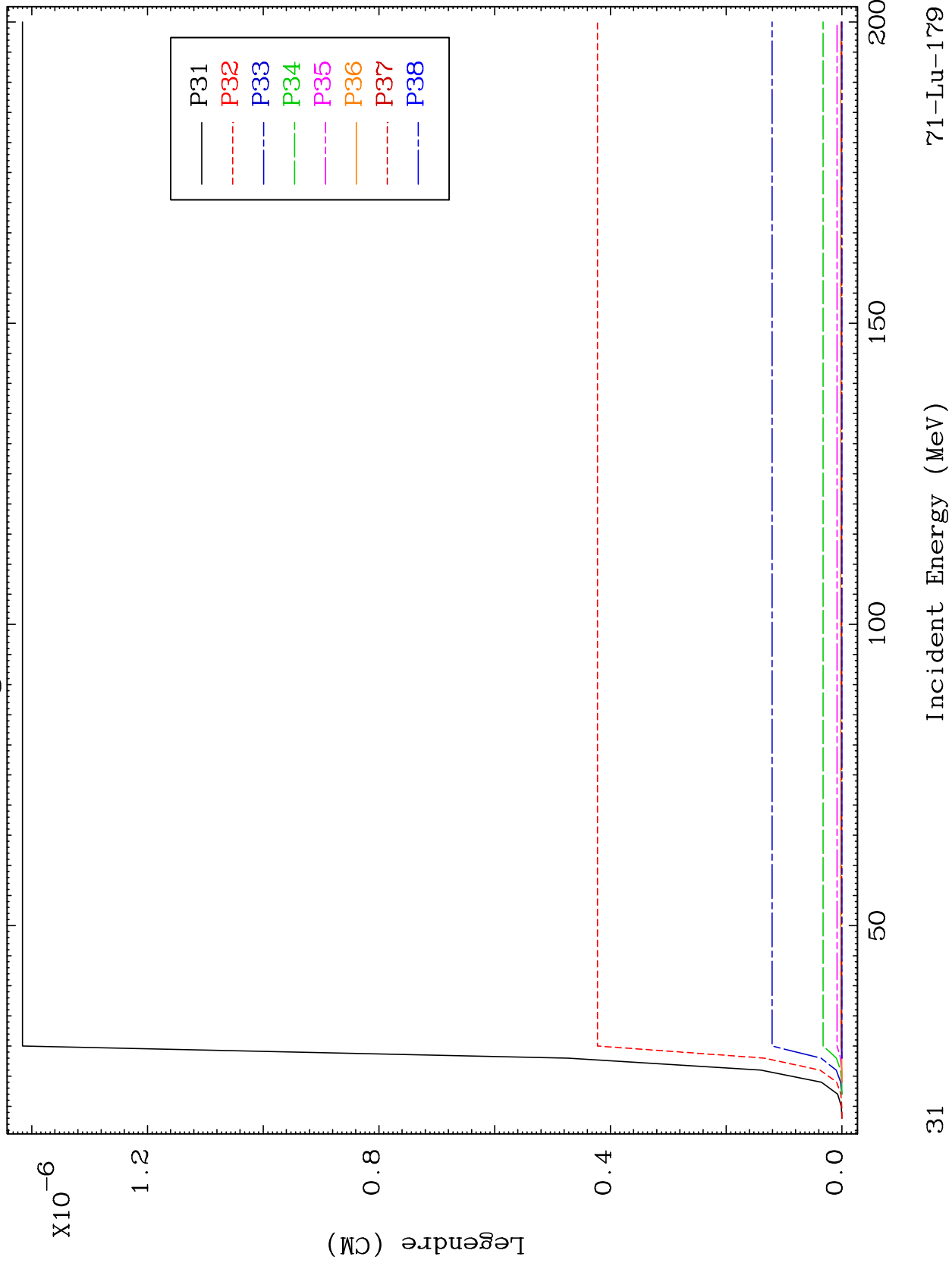
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179

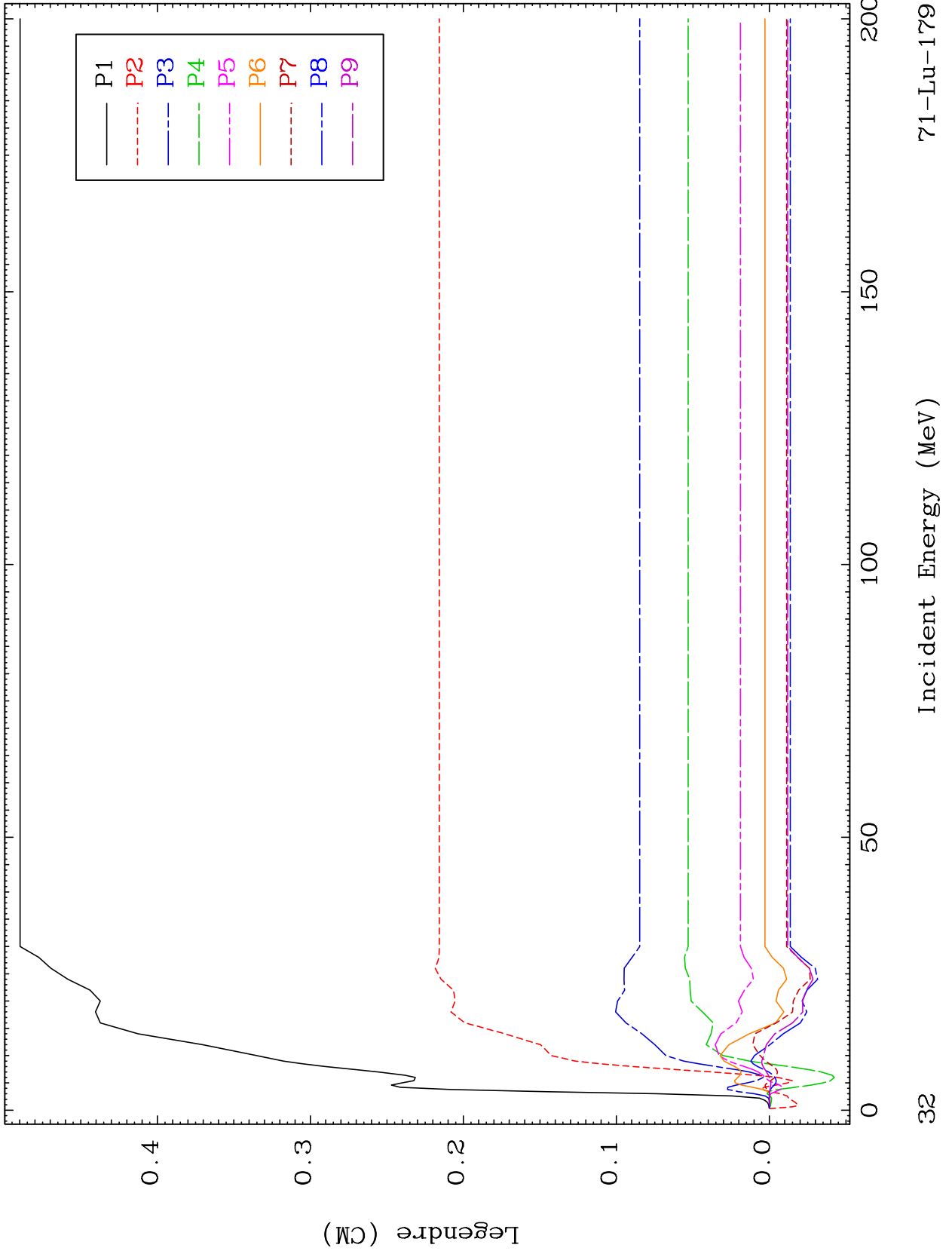




MAT 7137

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

71-Lu-179



32

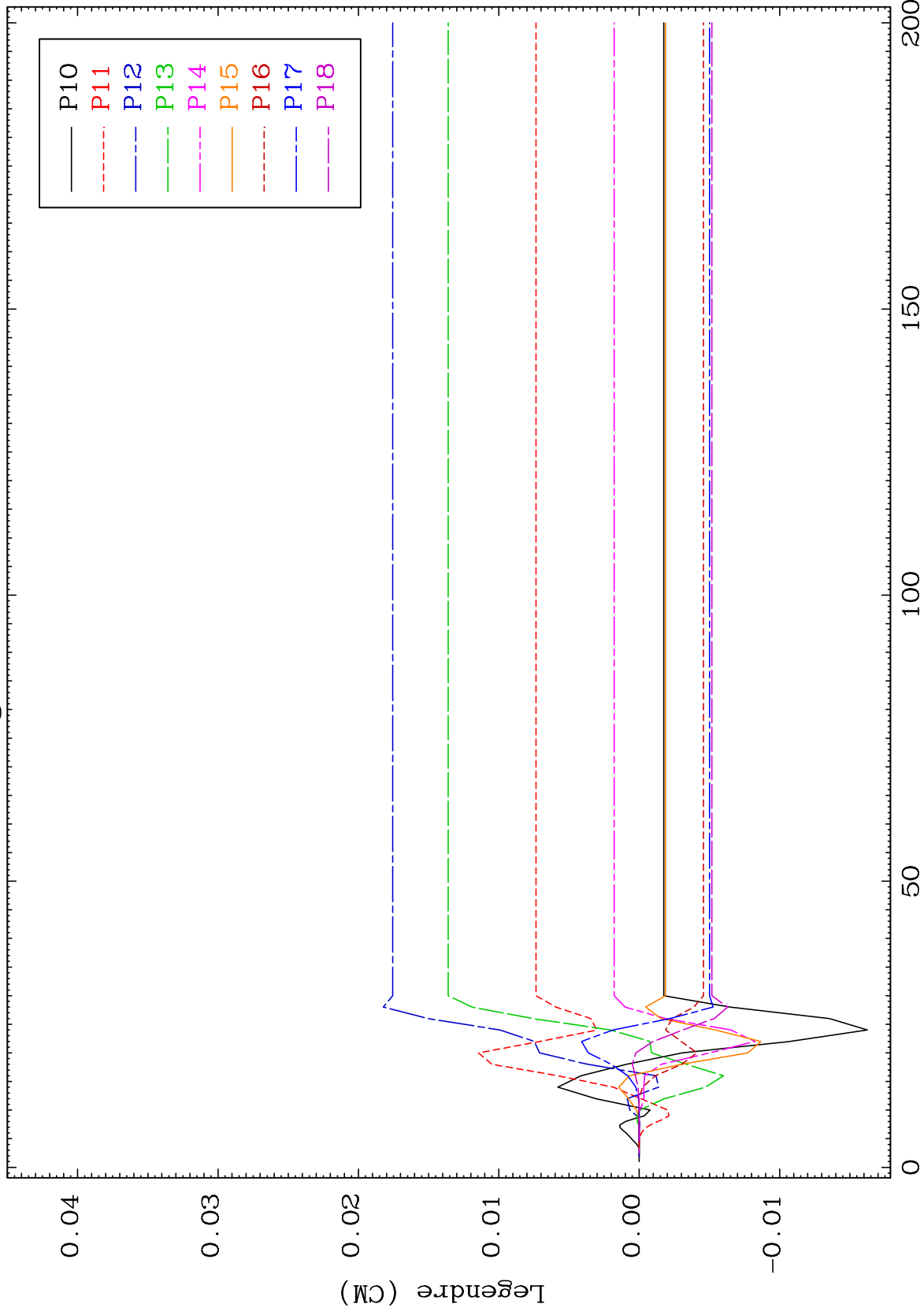
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



33

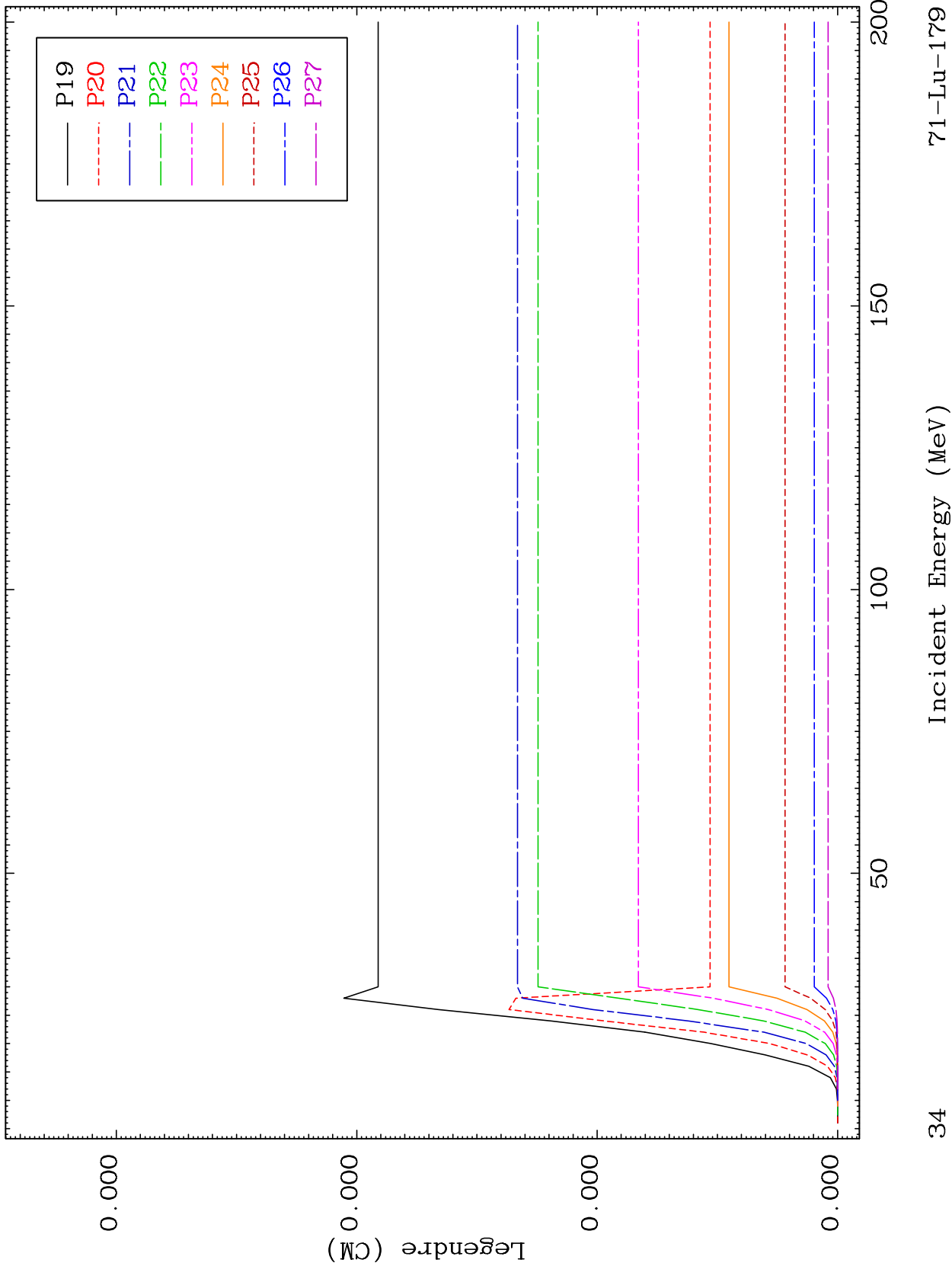
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



34

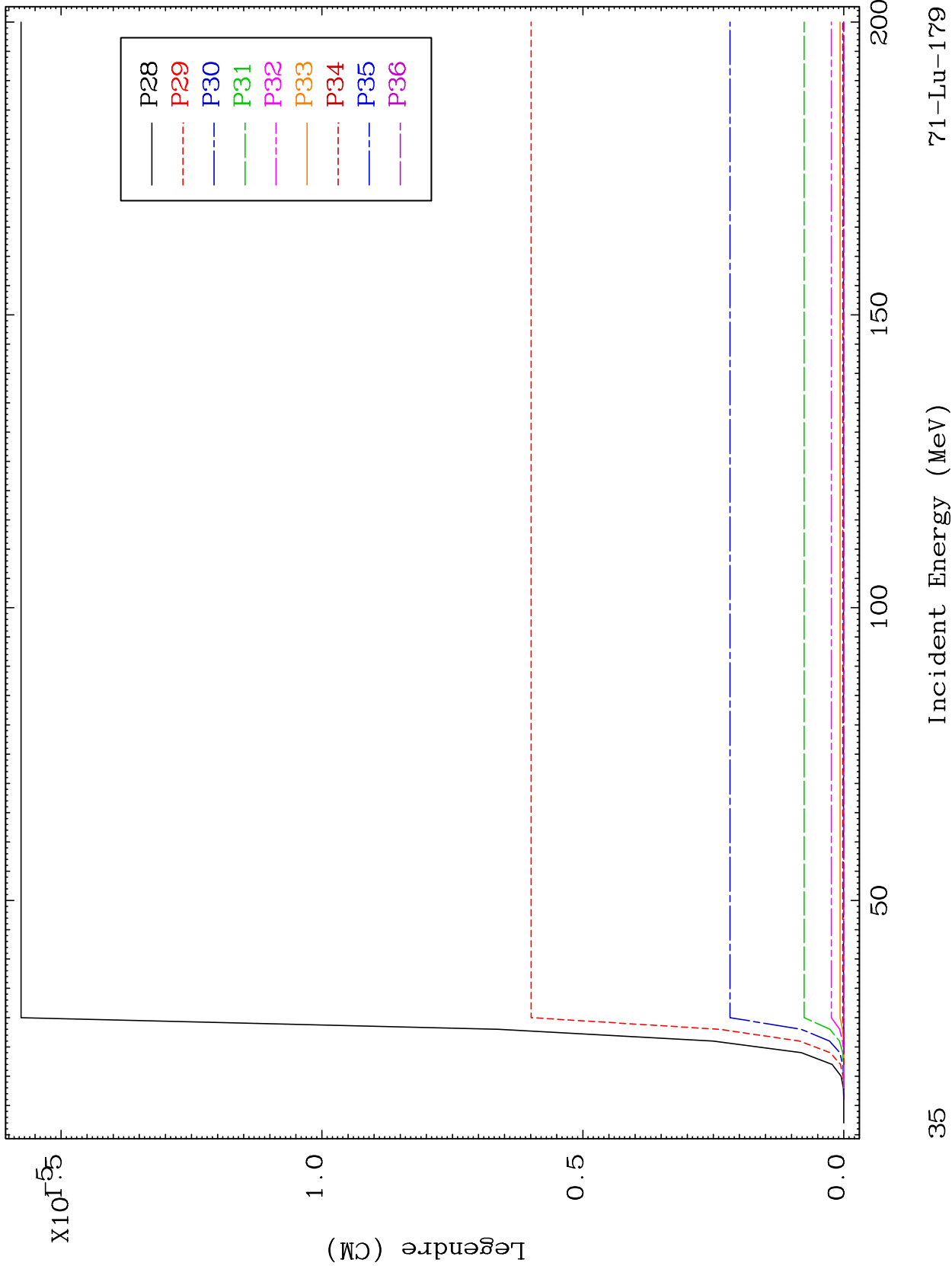
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



35

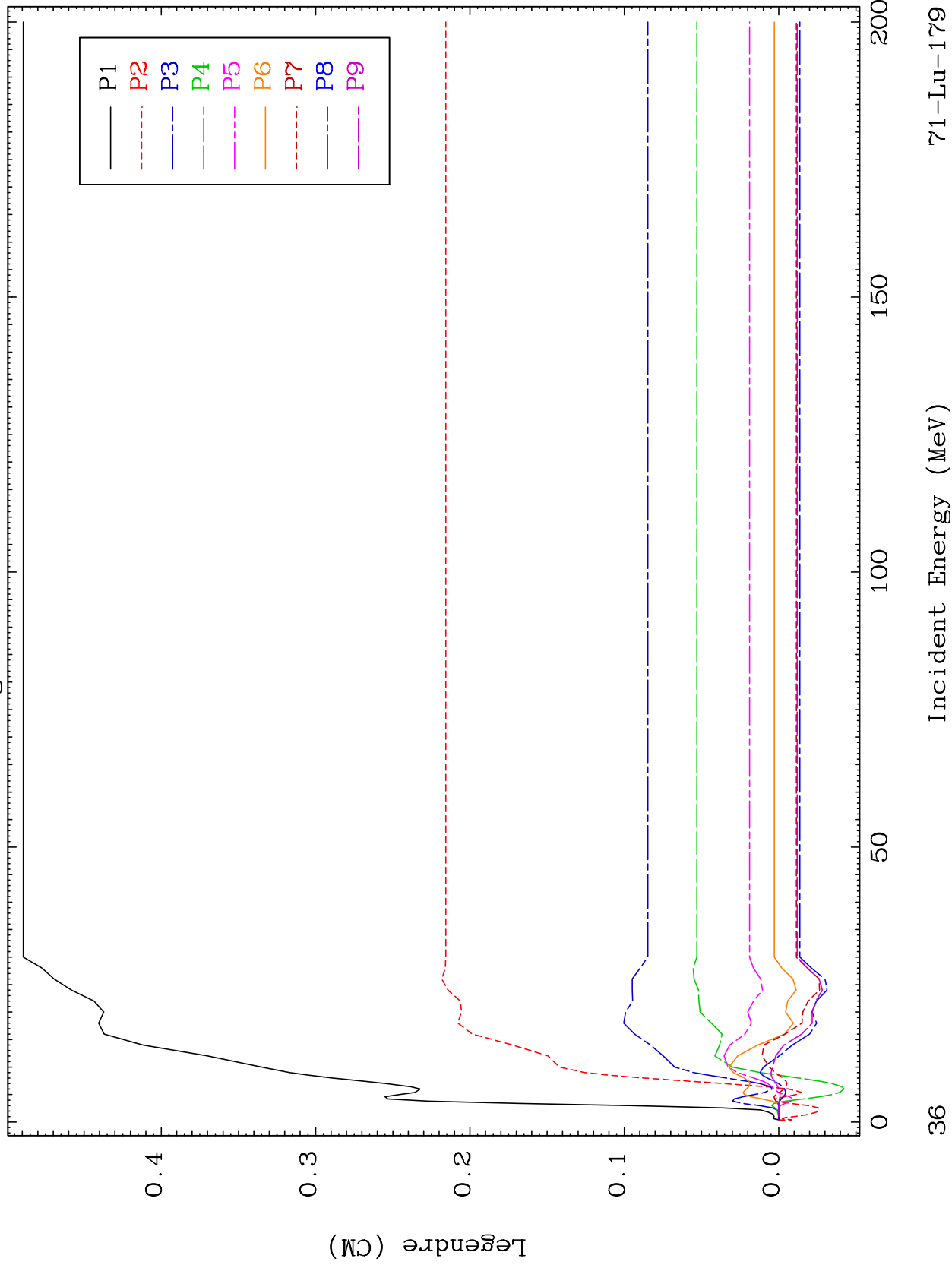
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

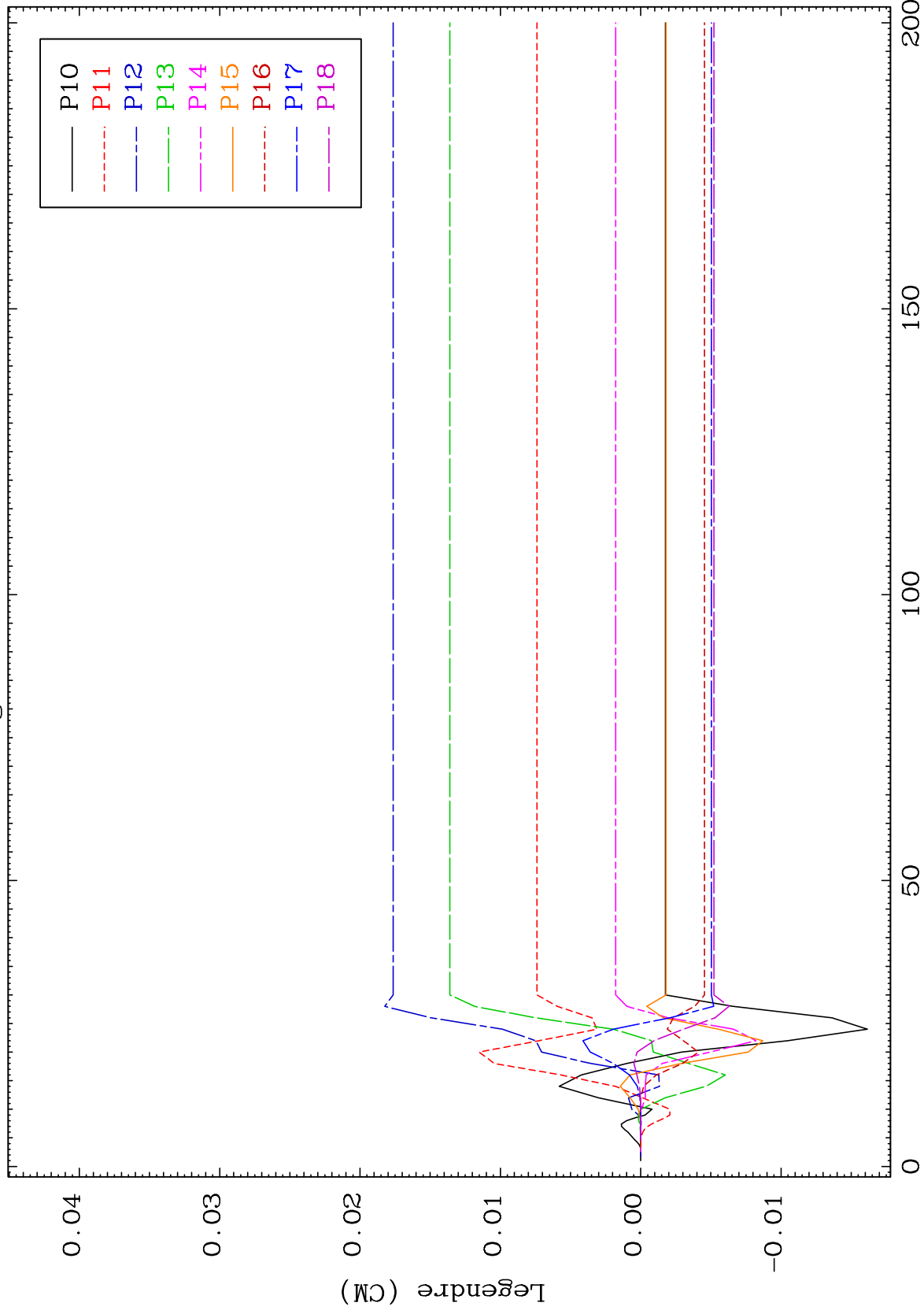
Incident Energy (MeV)

36

MAT 7137

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

71-Lu-179



37

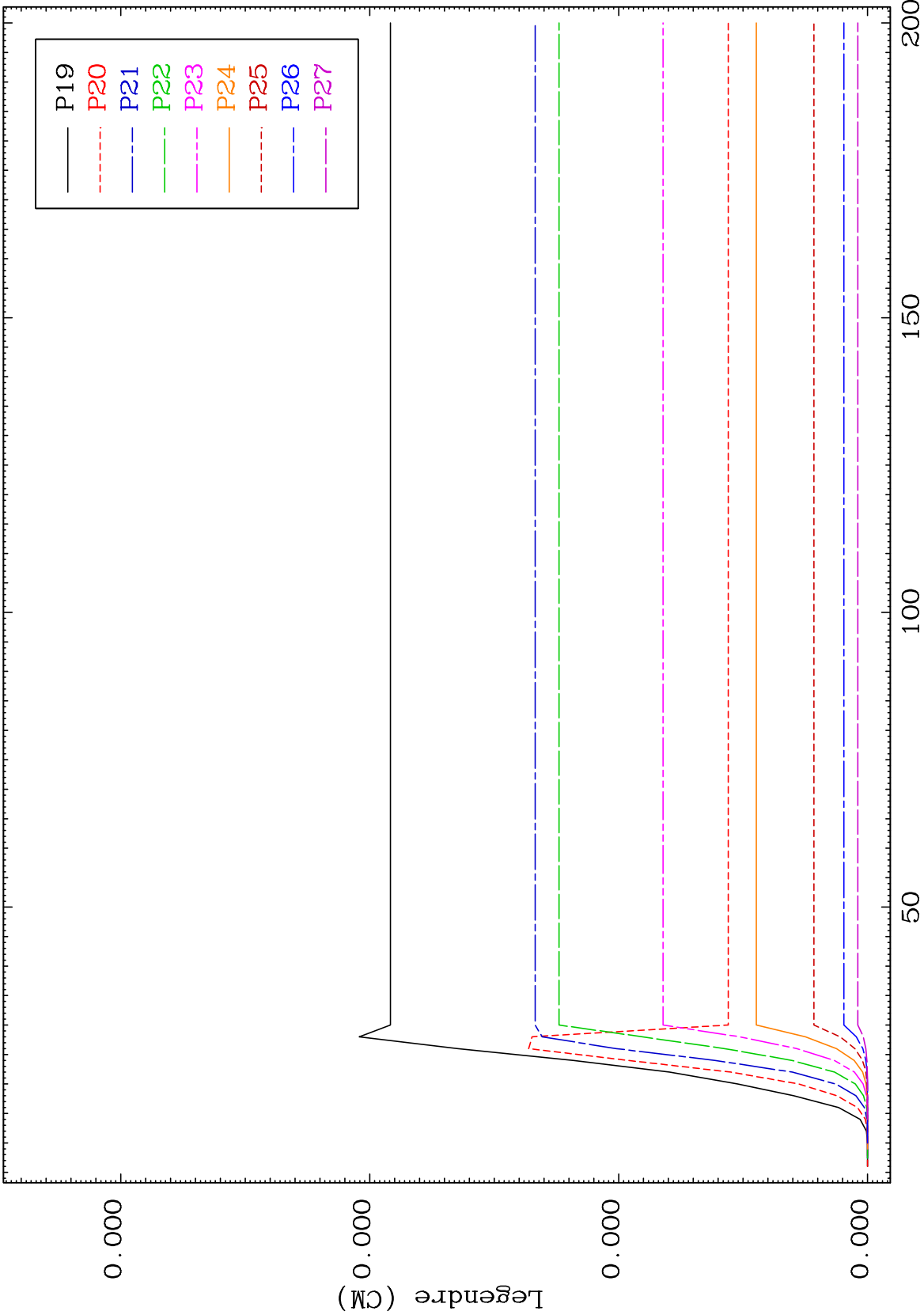
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



38

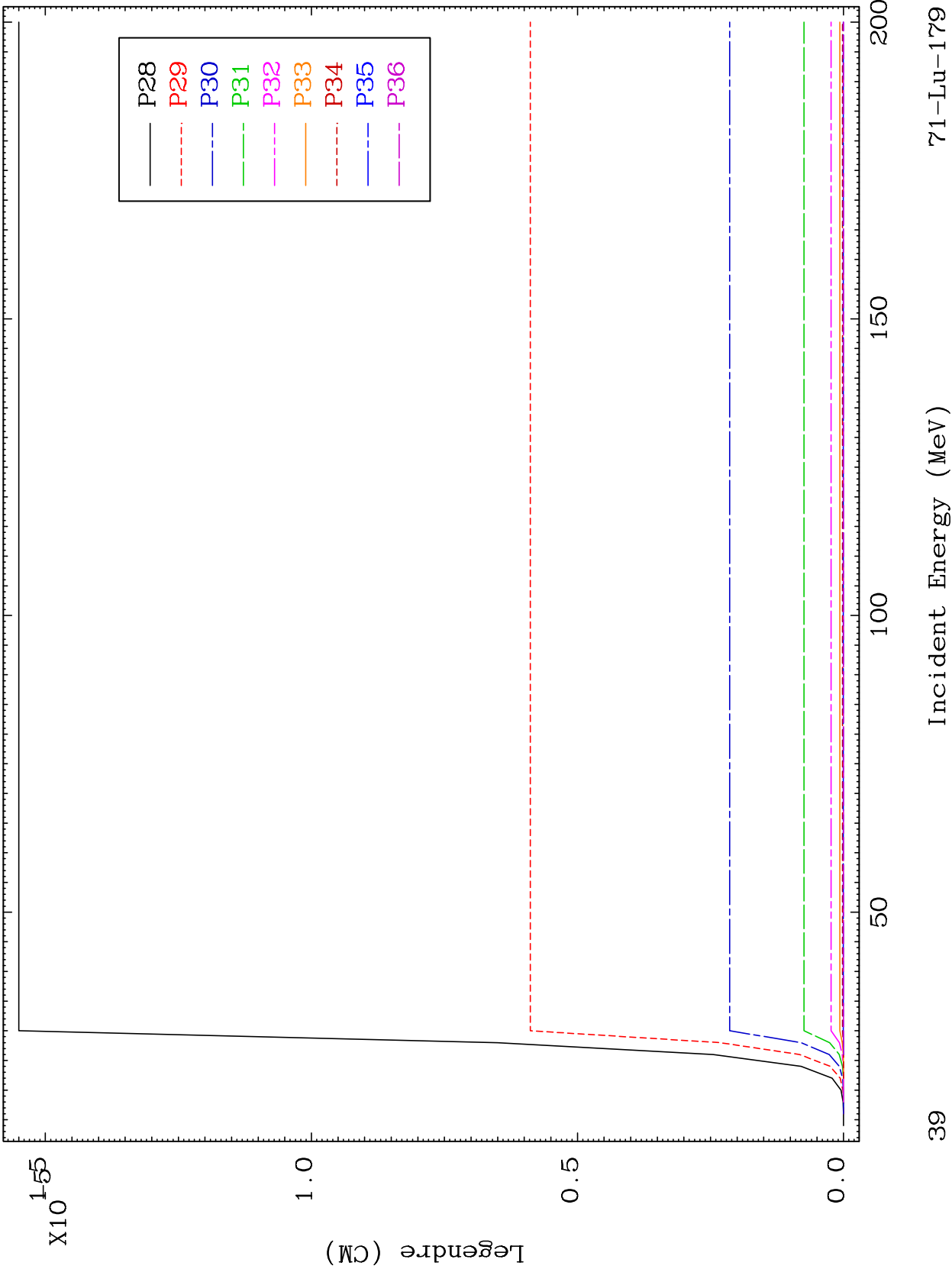
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



39

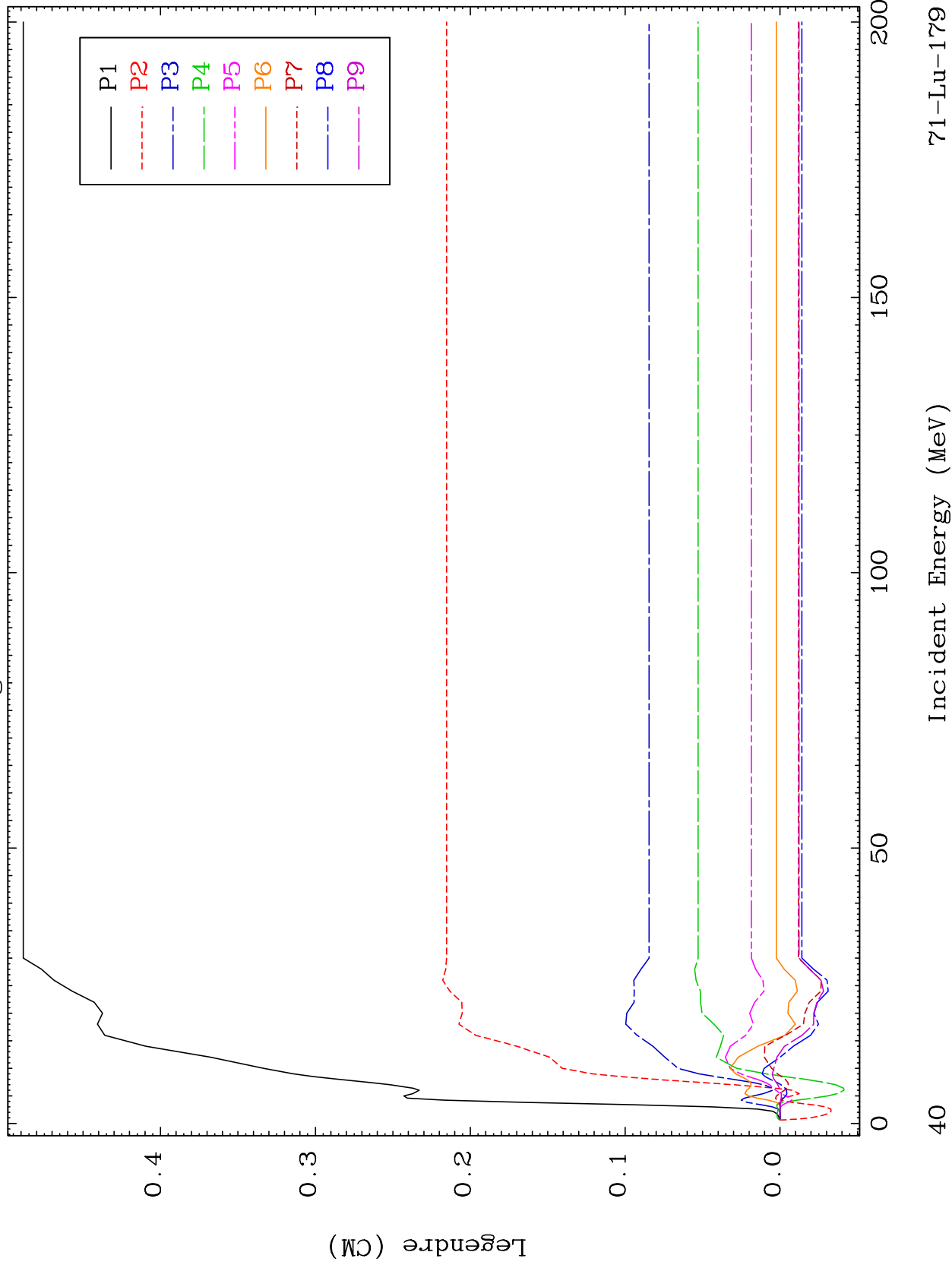
71-Lu-179



MAT 7137

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

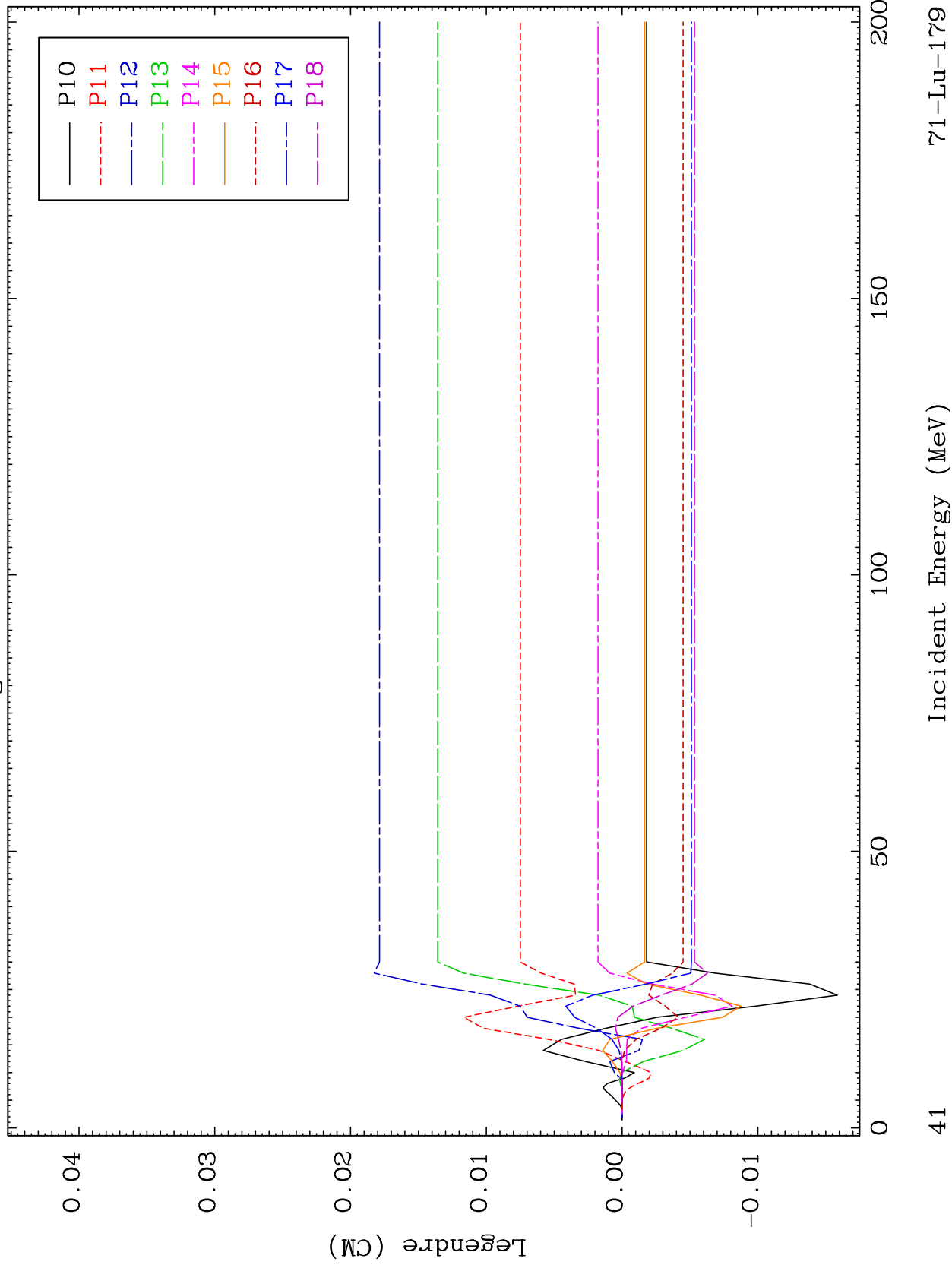
71-Lu-179



MAT 7137

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

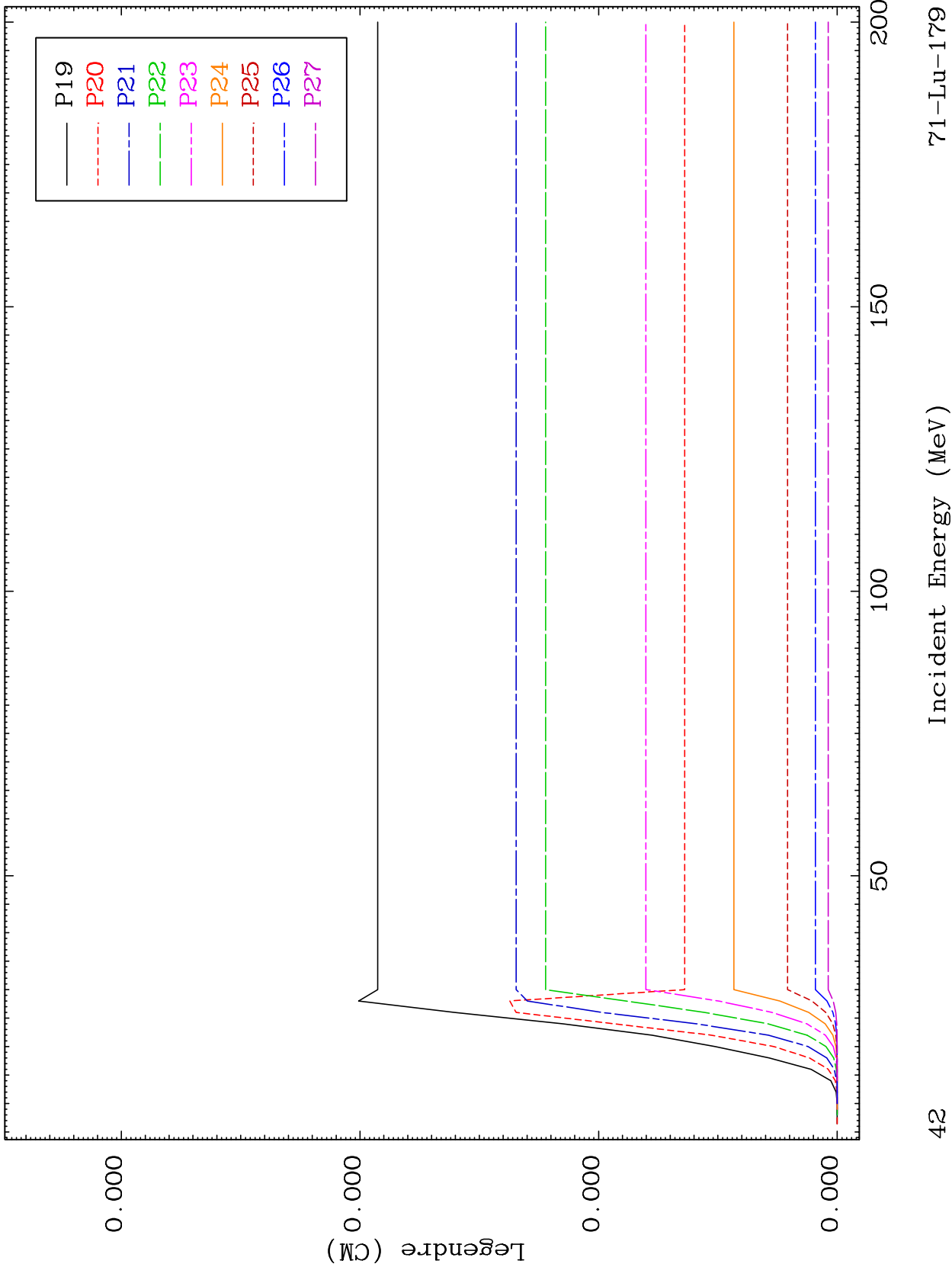
71-Lu-179

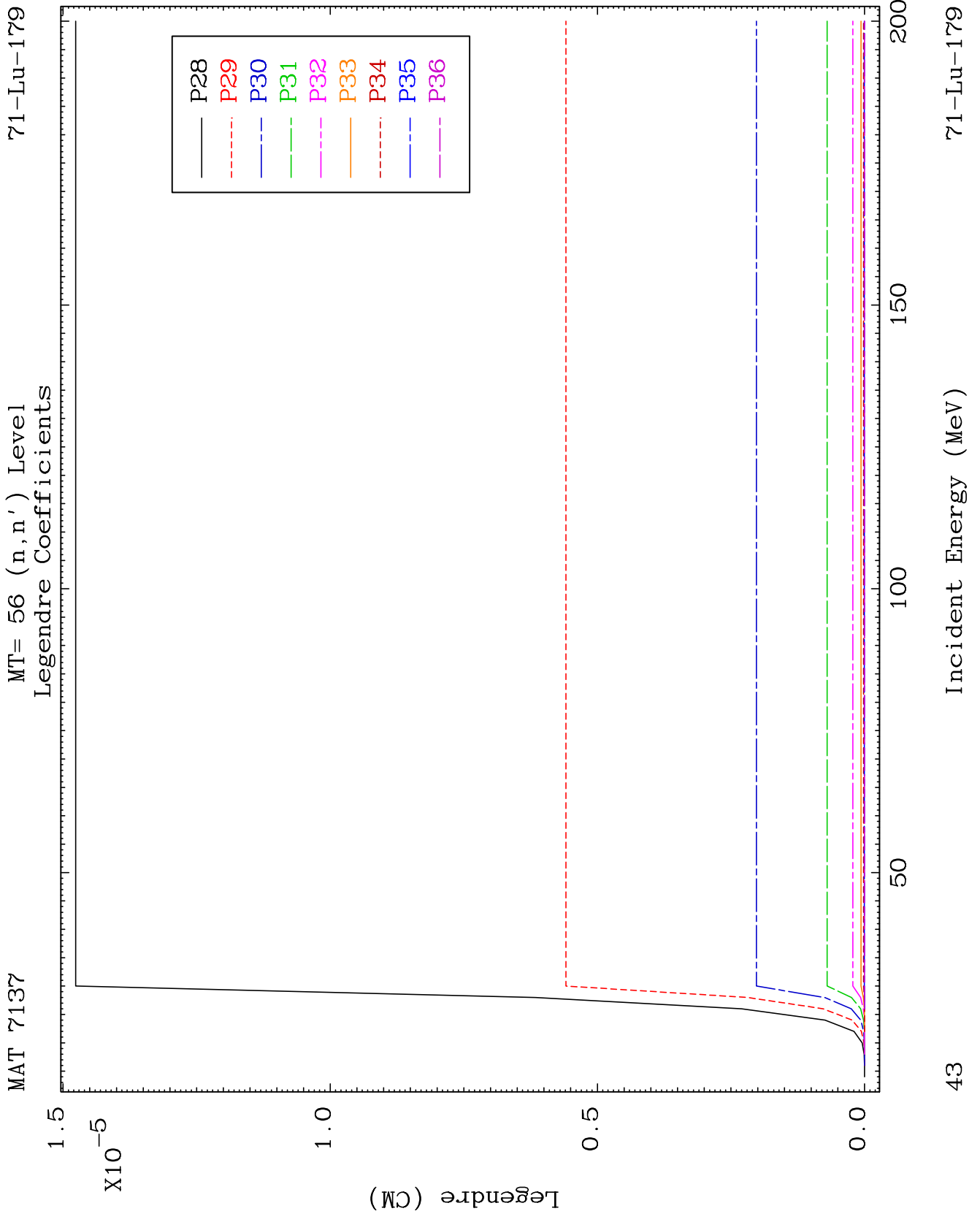


41

Incident Energy (MeV)

71-Lu-179

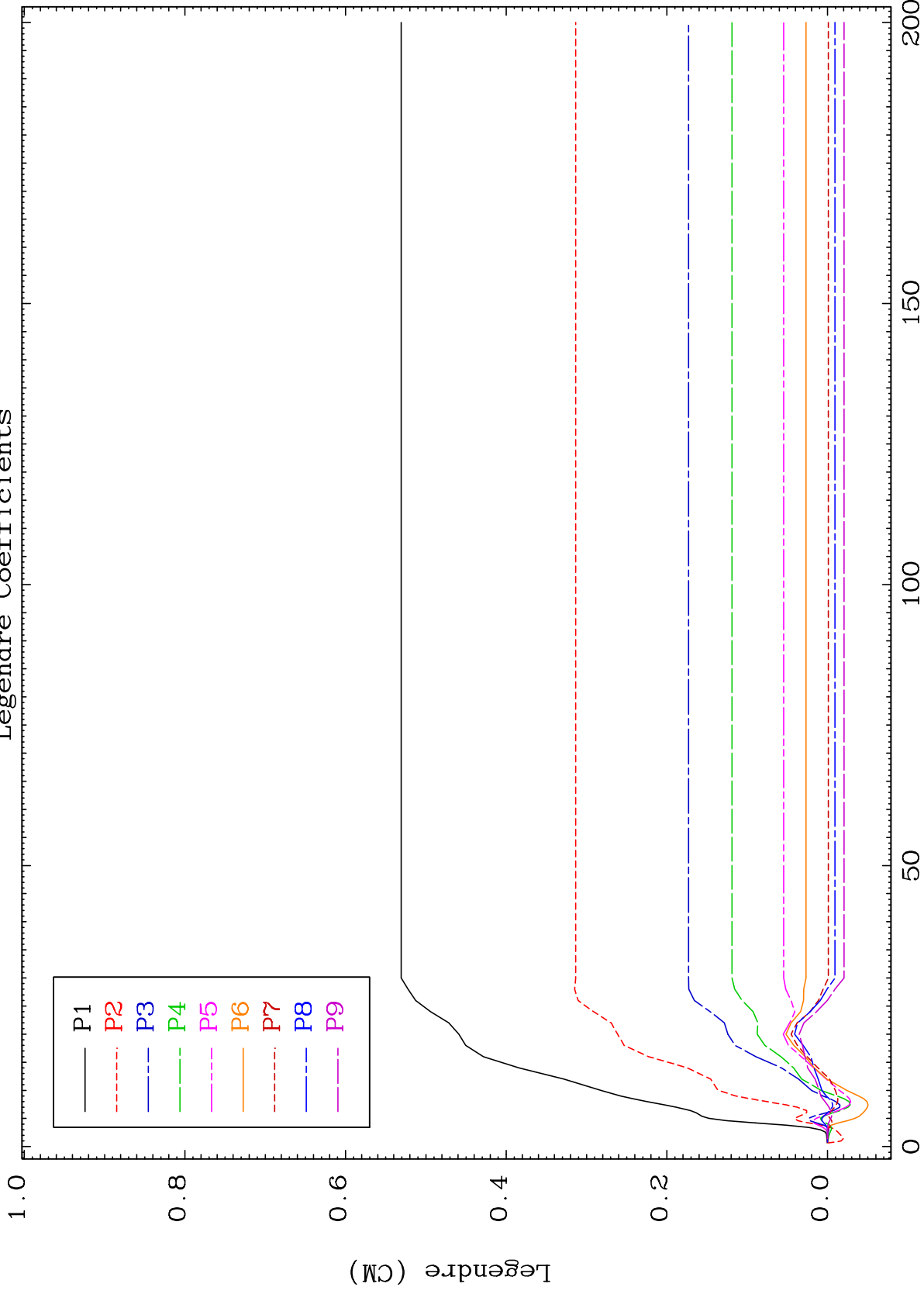




MAT 7137

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

71-Lu-179



44

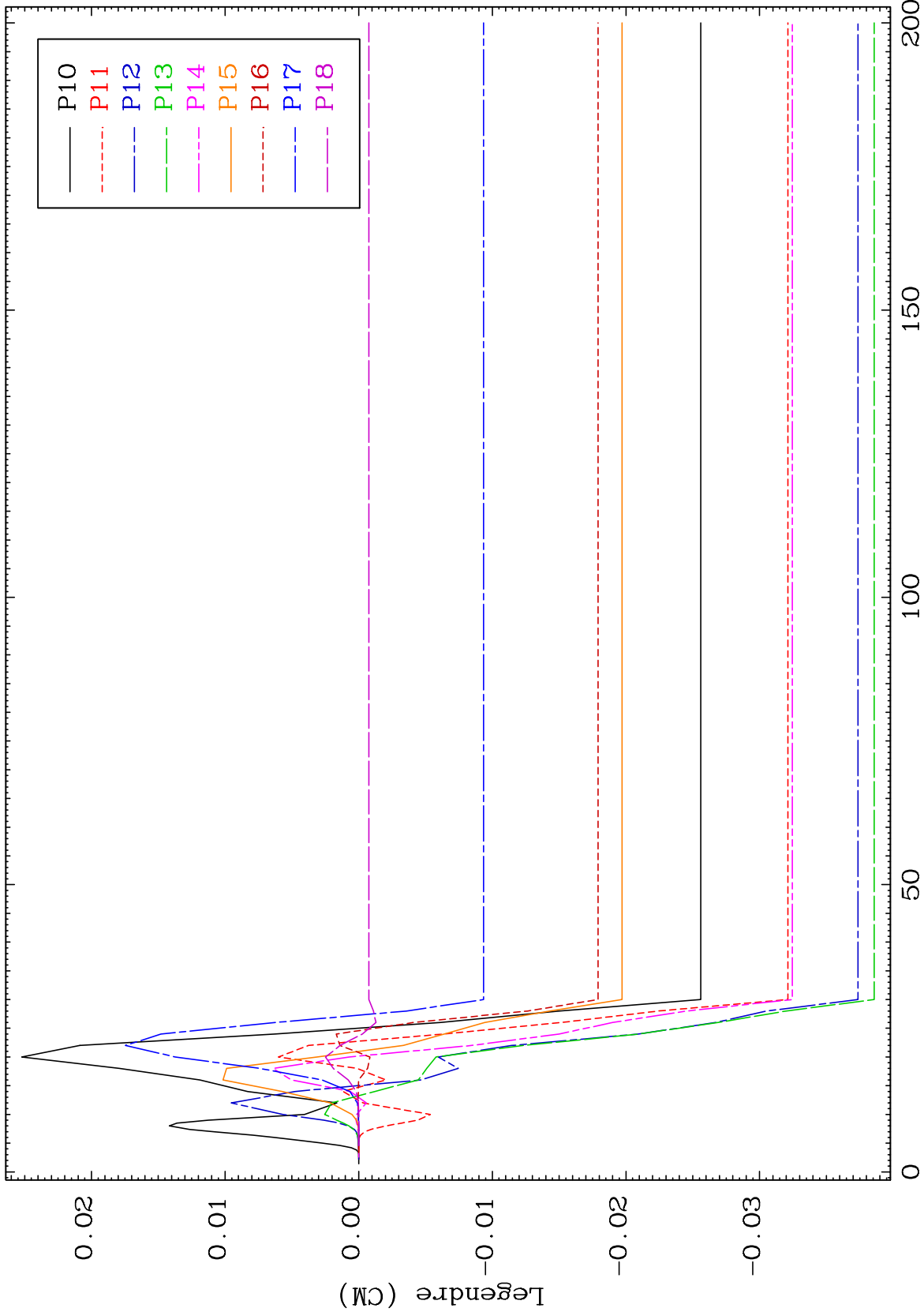
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



45

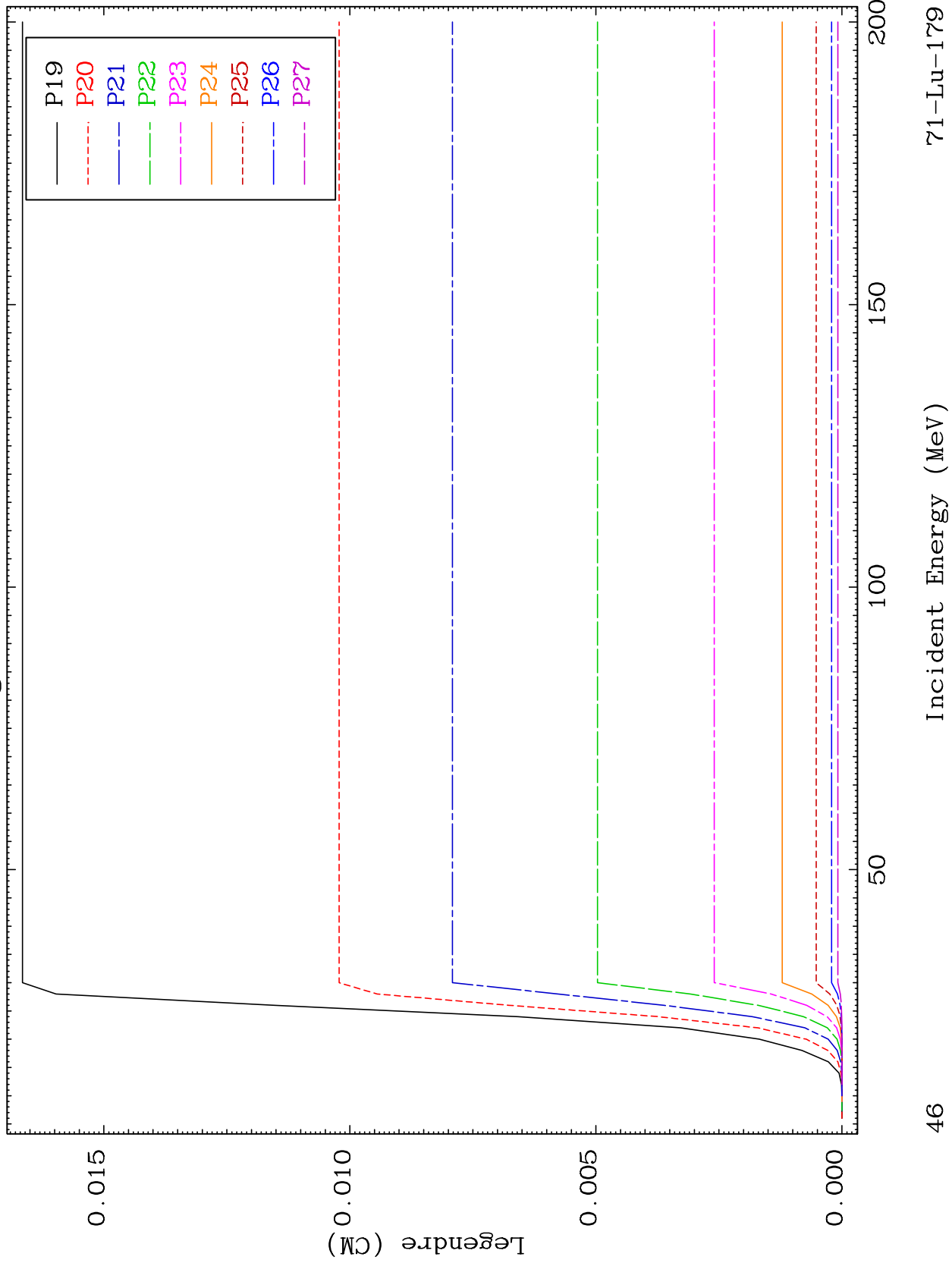
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



46

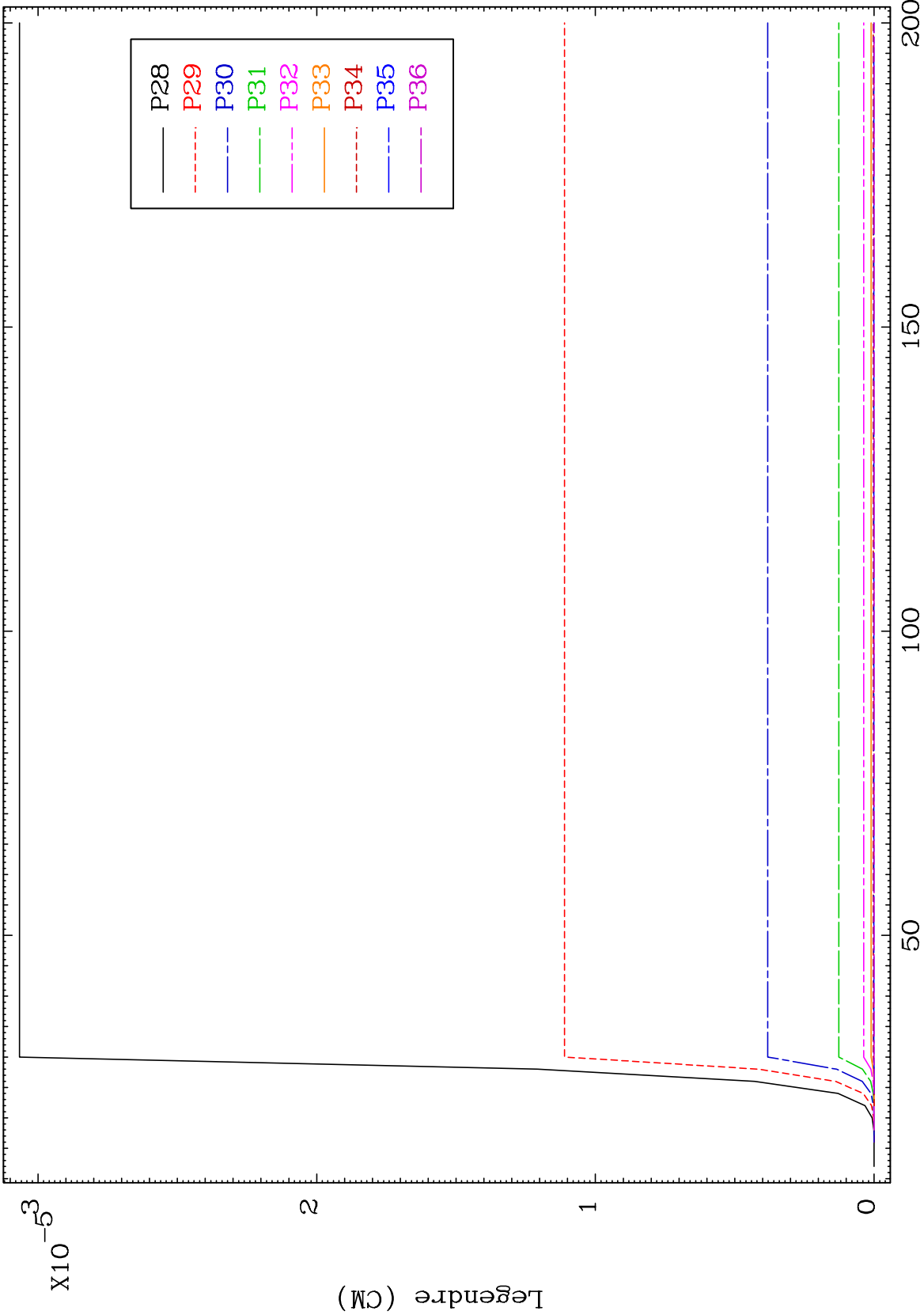
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

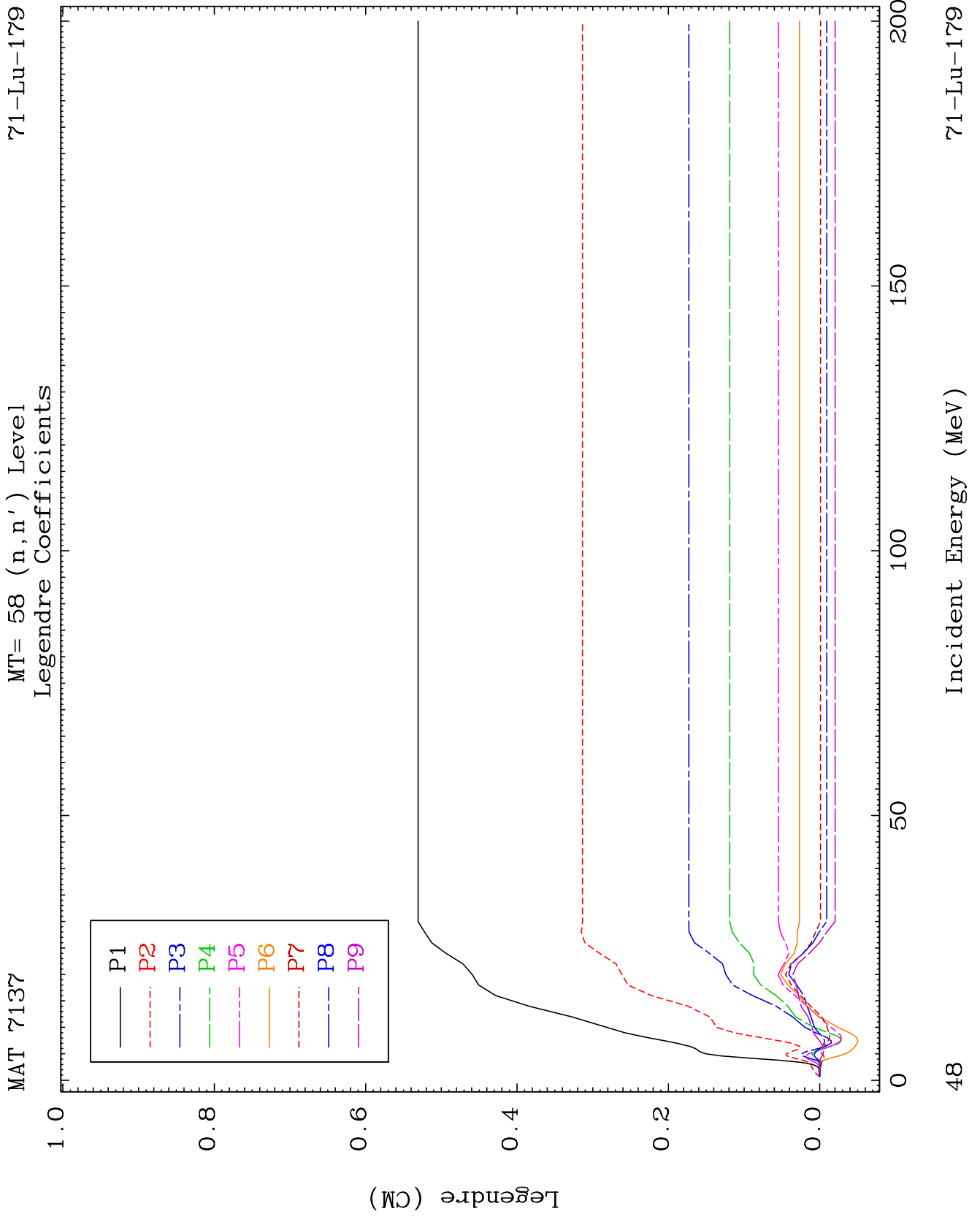
71-Lu-179



47

71-Lu-179

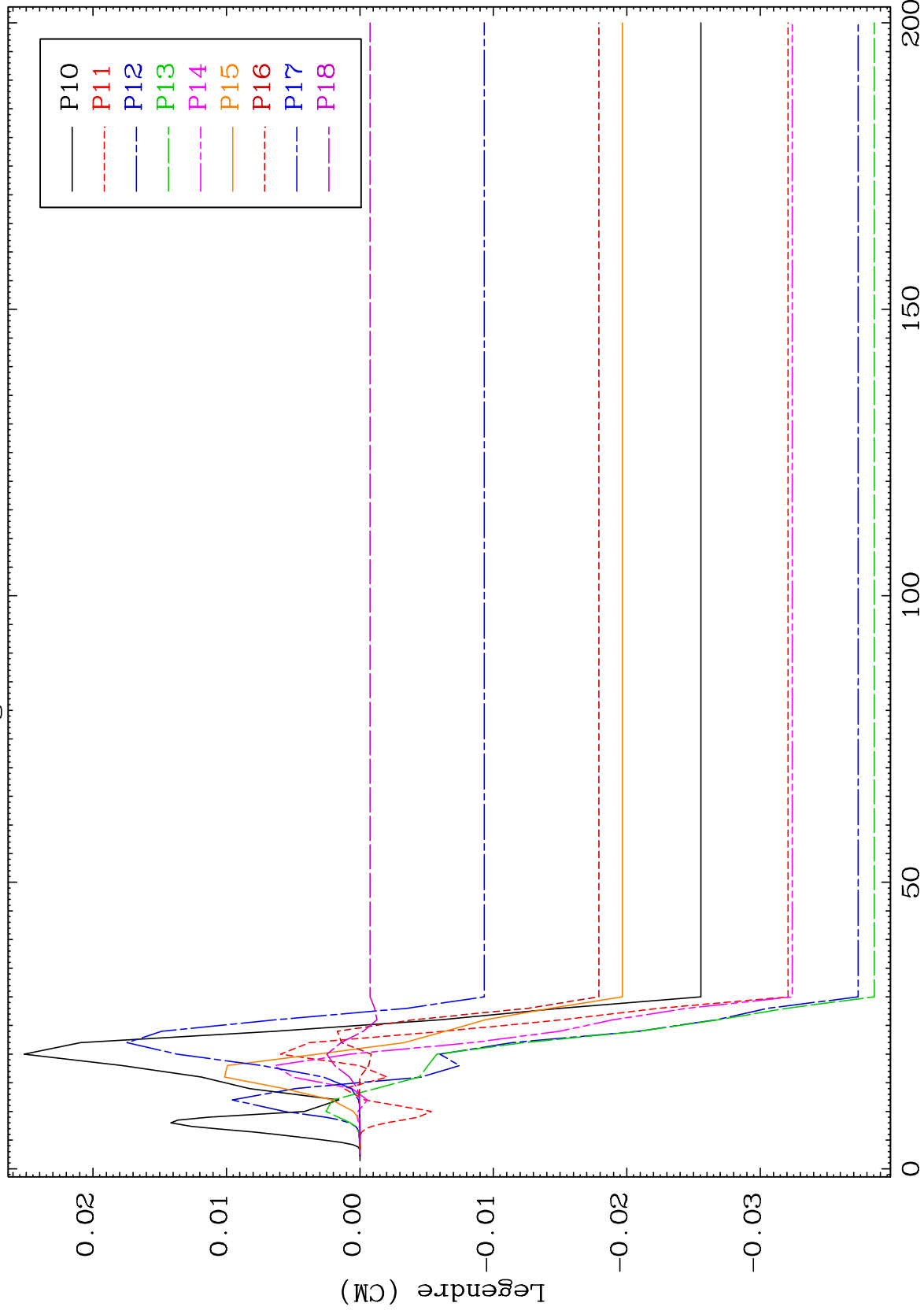




MAT 7137

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

71-Lu-179



49

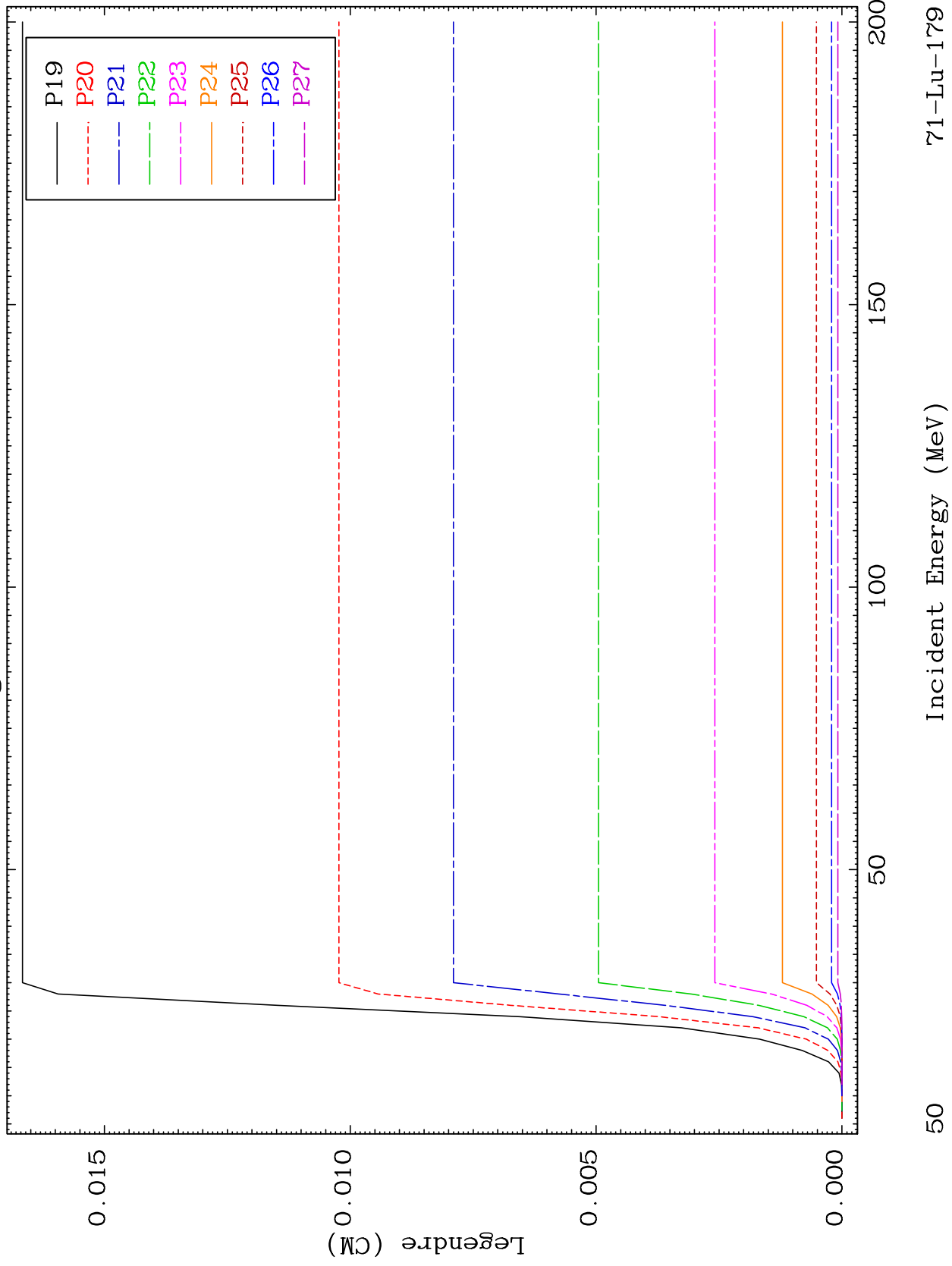
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

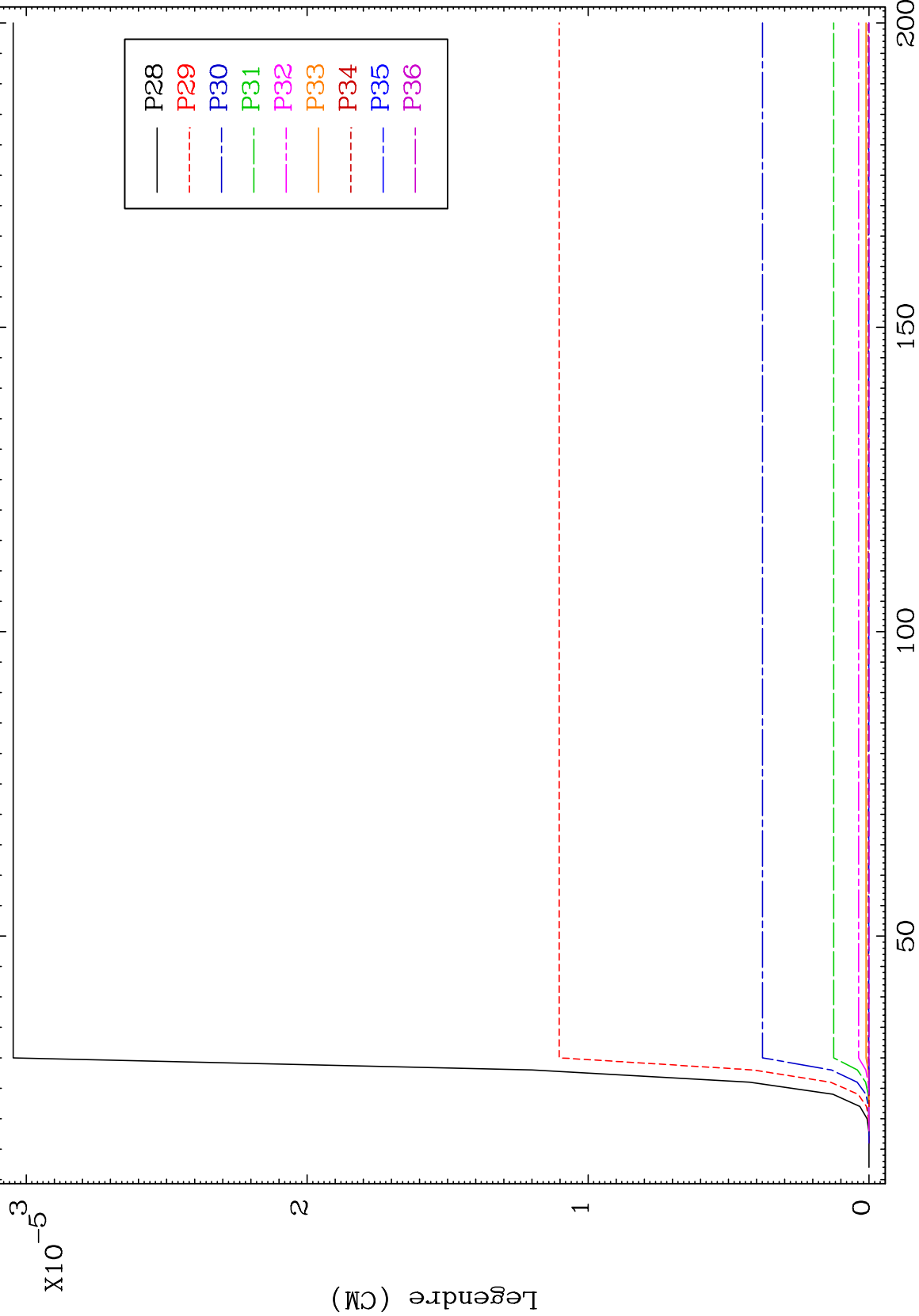
Incident Energy (MeV)

50

MAT 7137

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

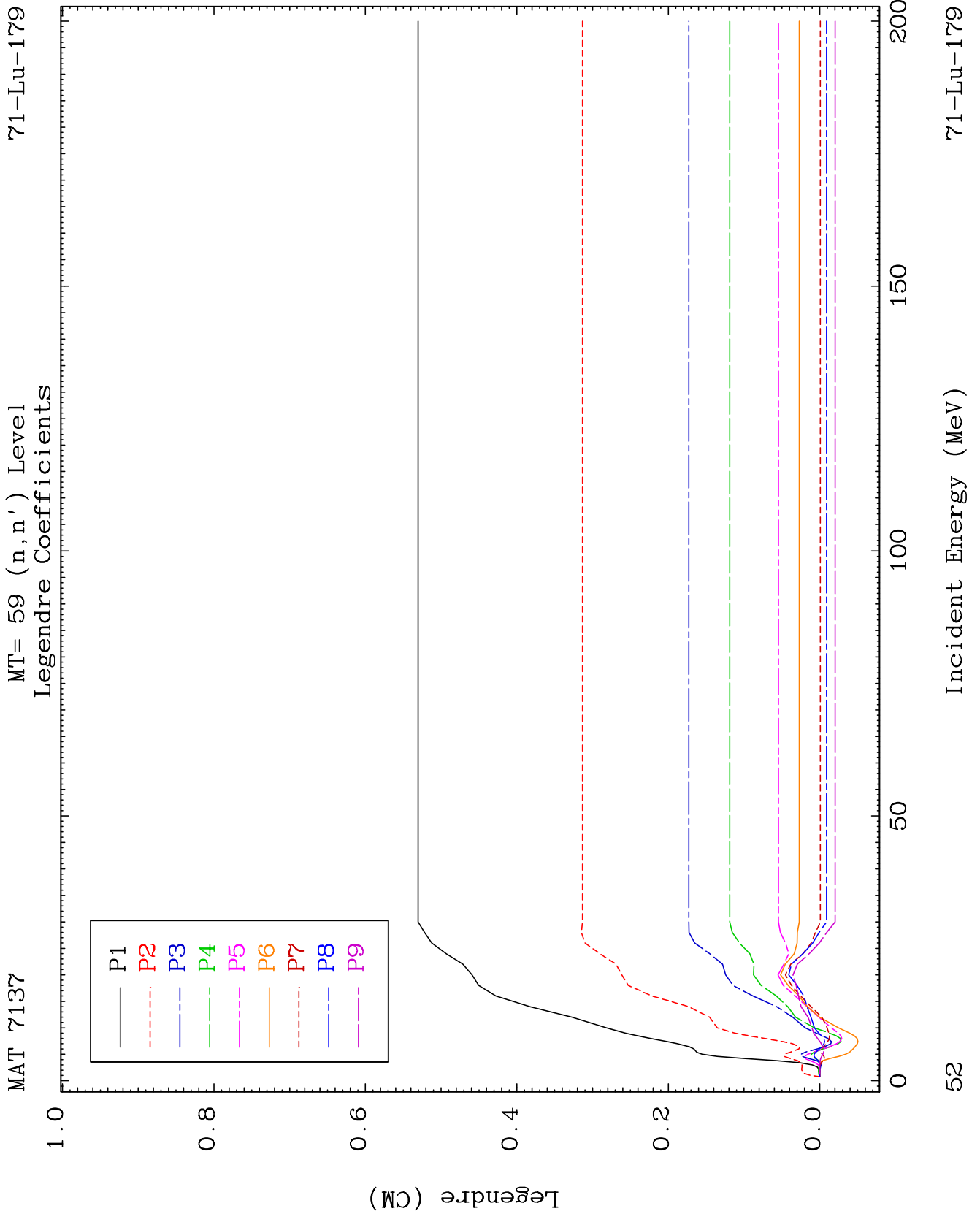
71-Lu-179



51

Incident Energy (MeV)

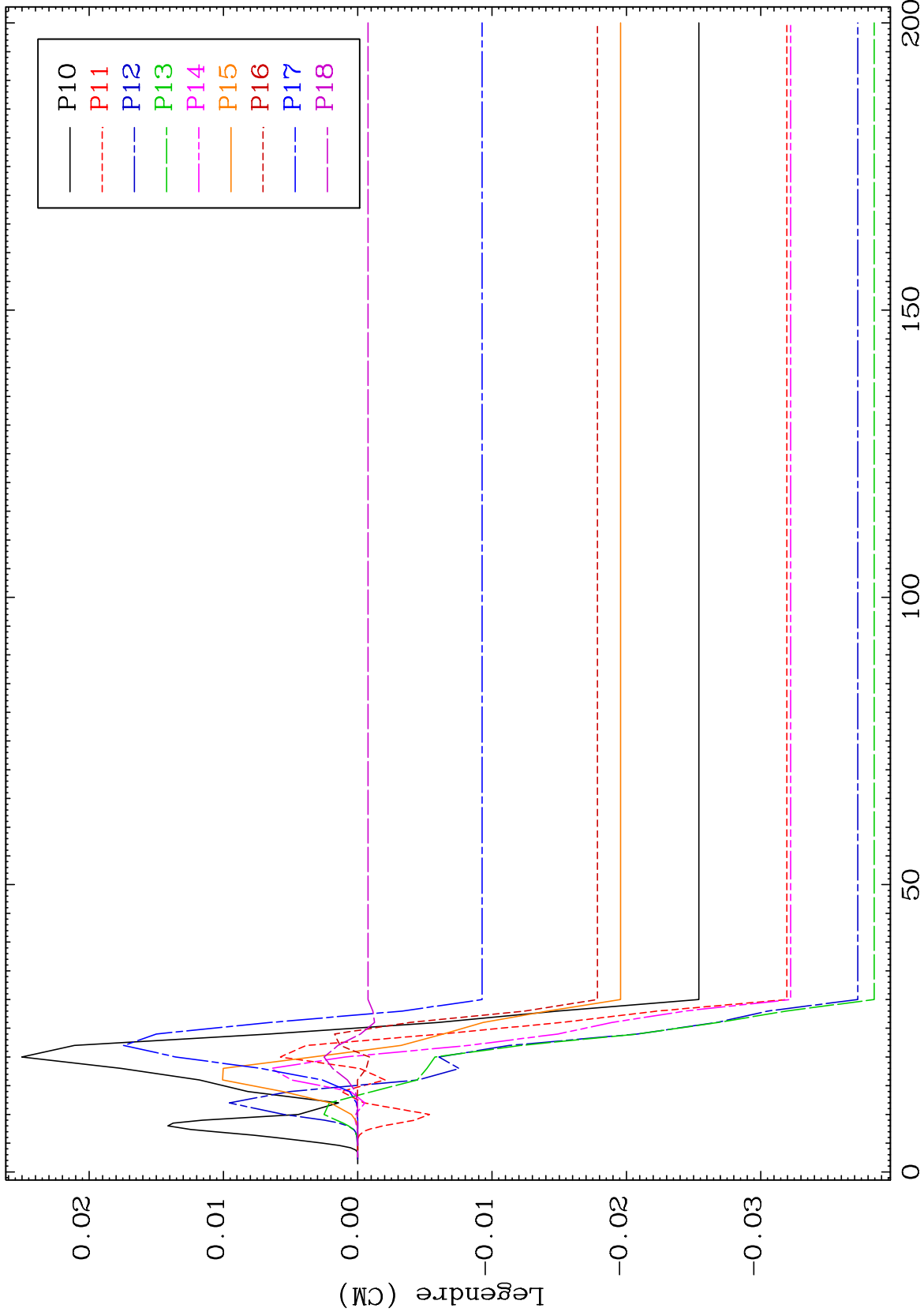
71-Lu-179



MAT 7137

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

71-Lu-179



53

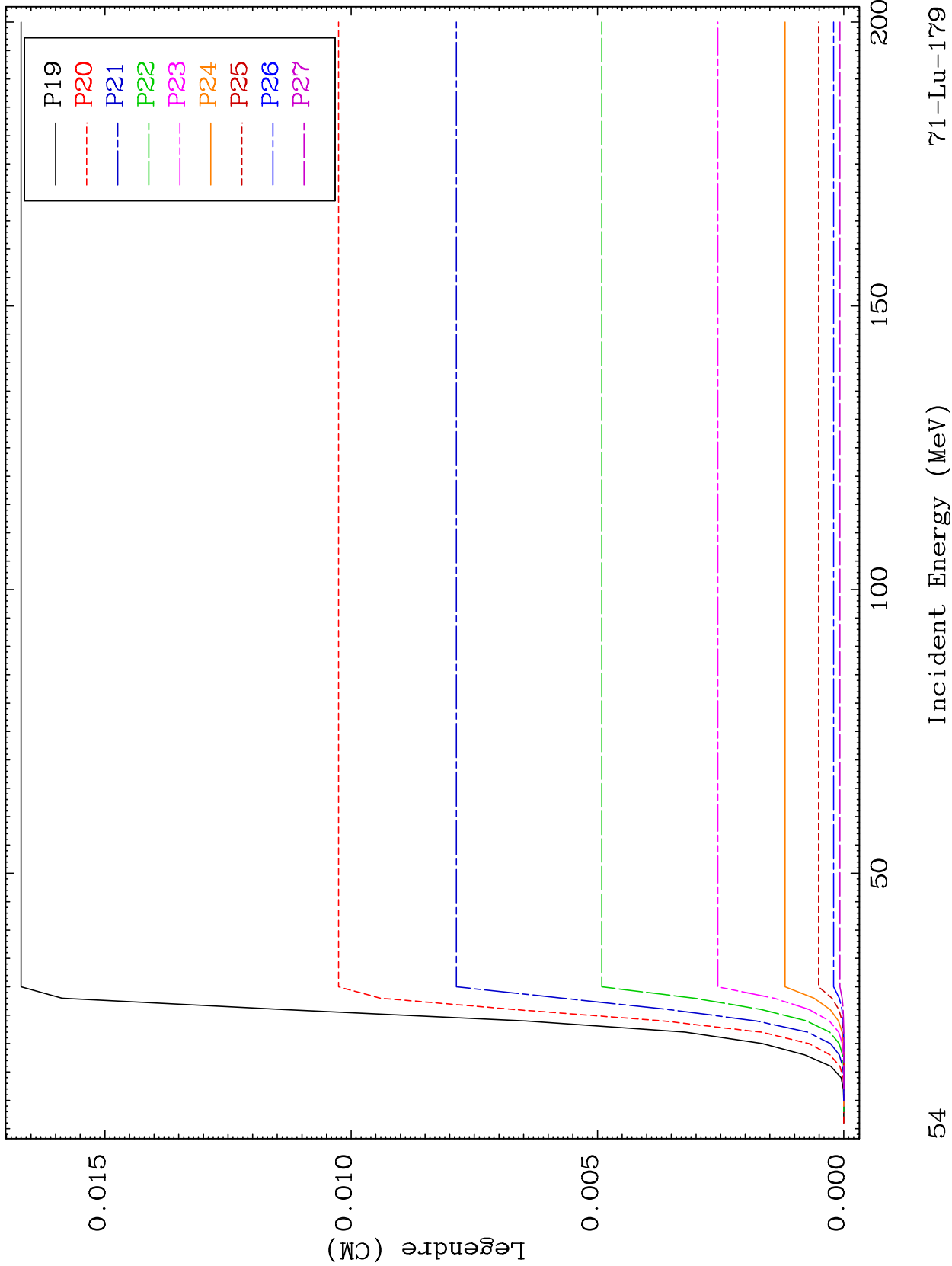
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



54

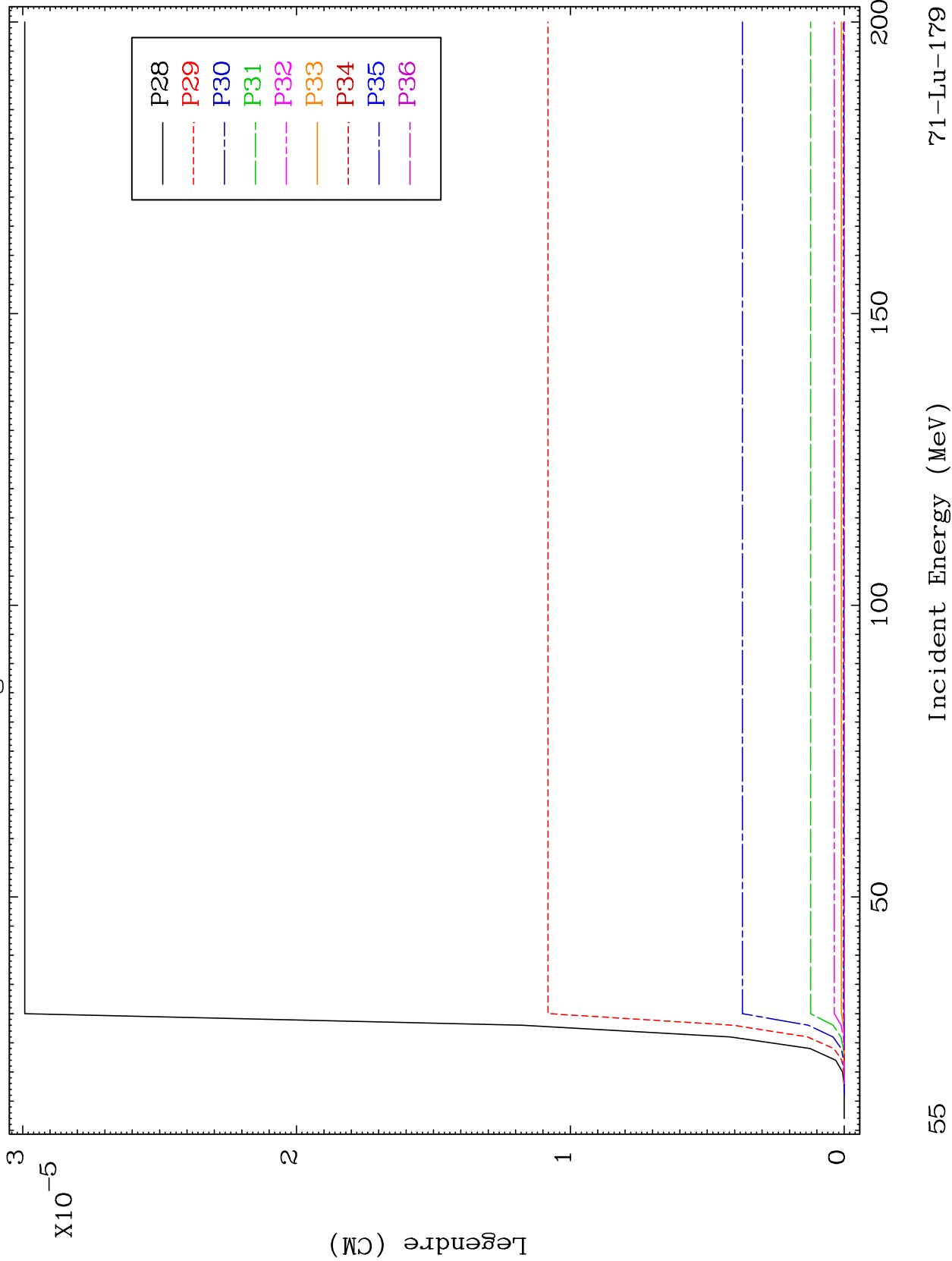
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



55

Incident Energy (MeV)

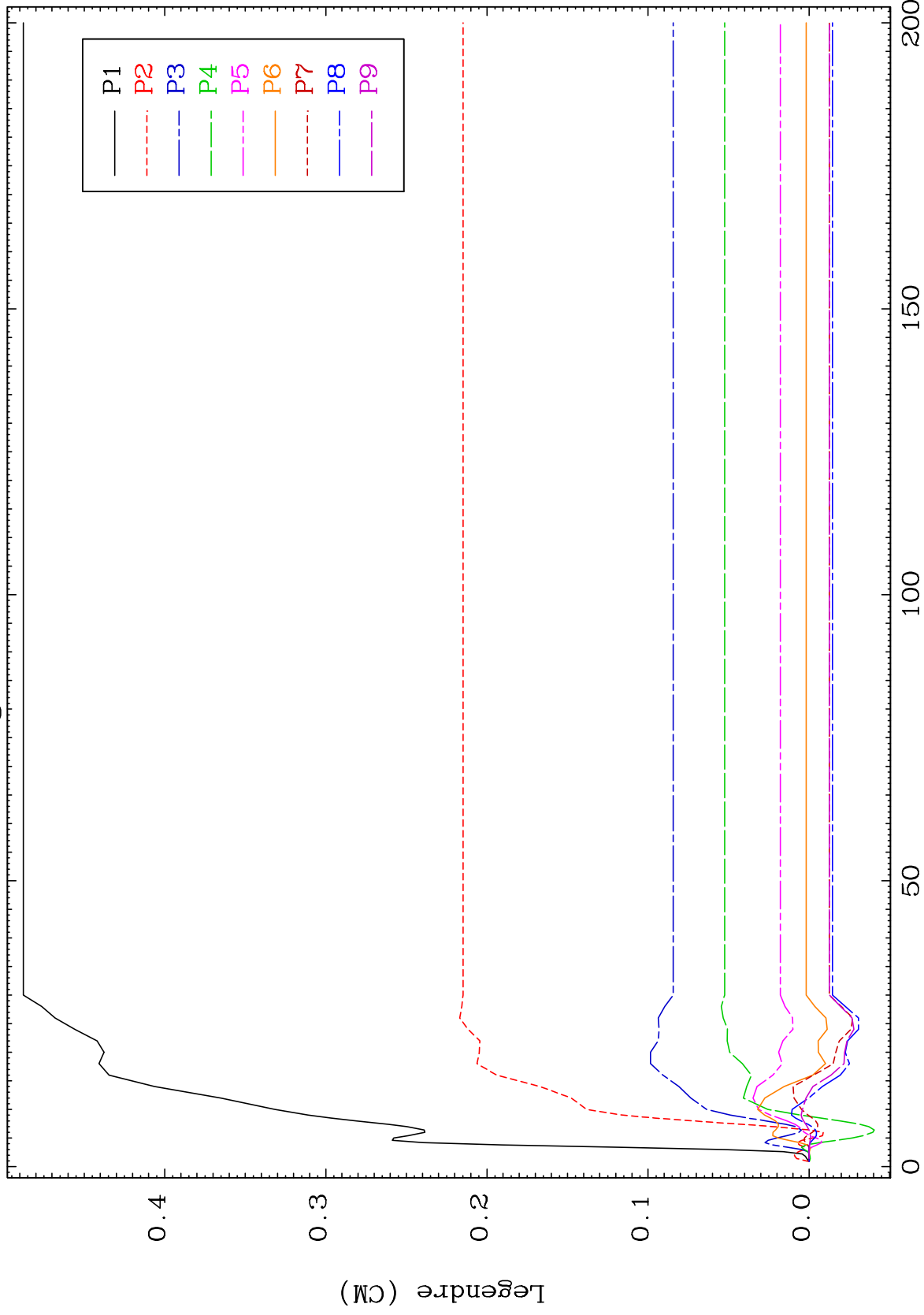
71-Lu-179



MAT 7137

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

71-Lu-179



56

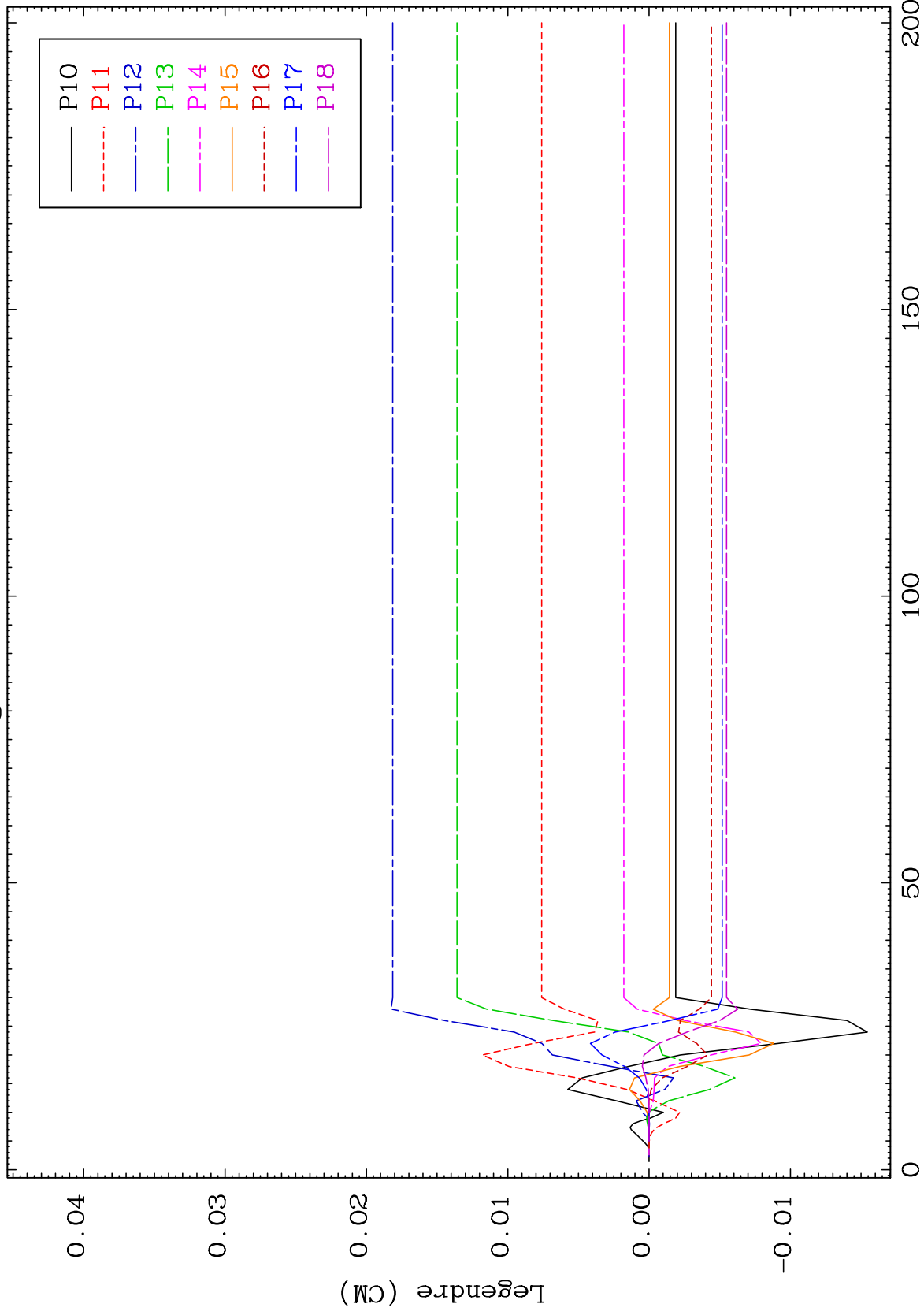
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



57

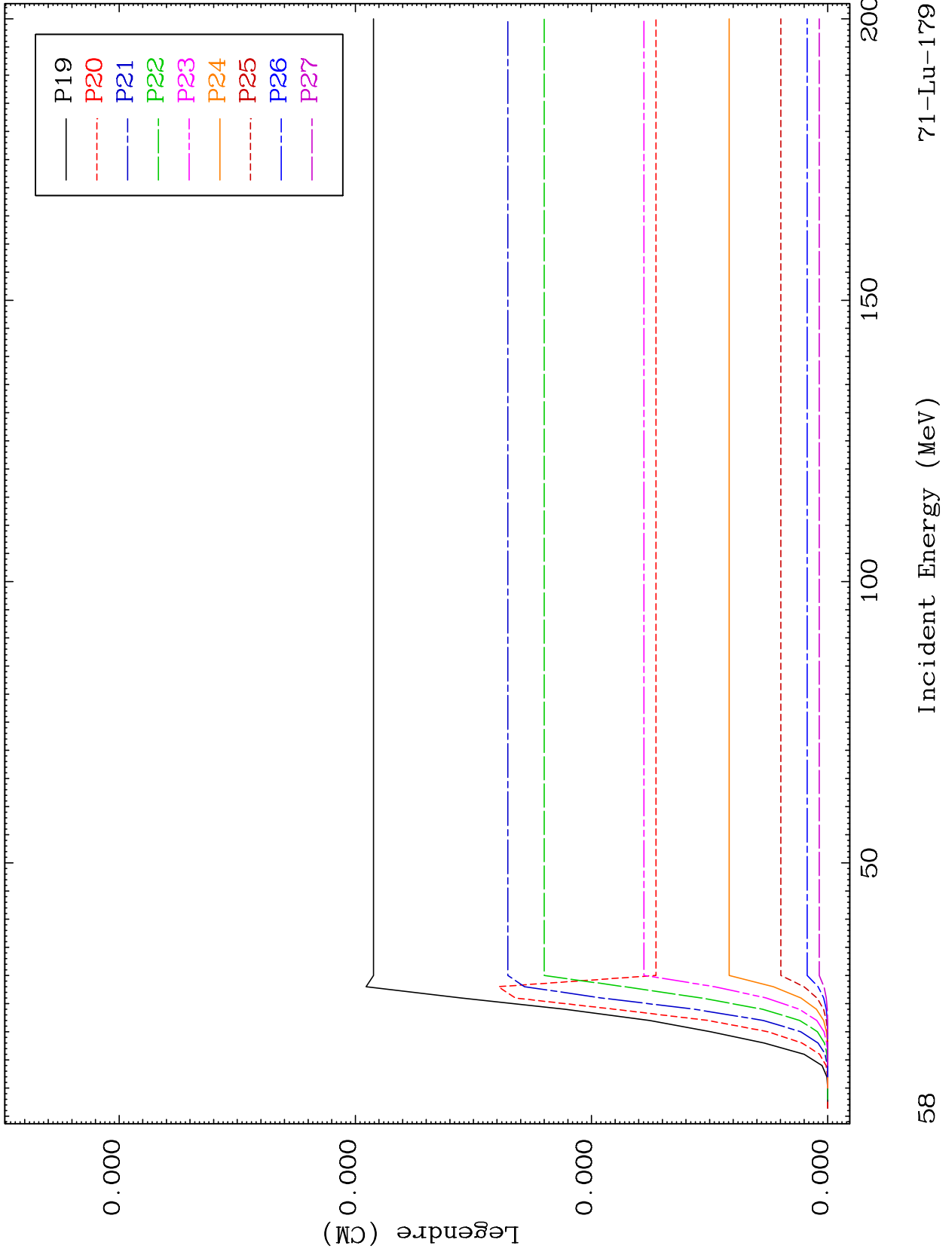
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



58

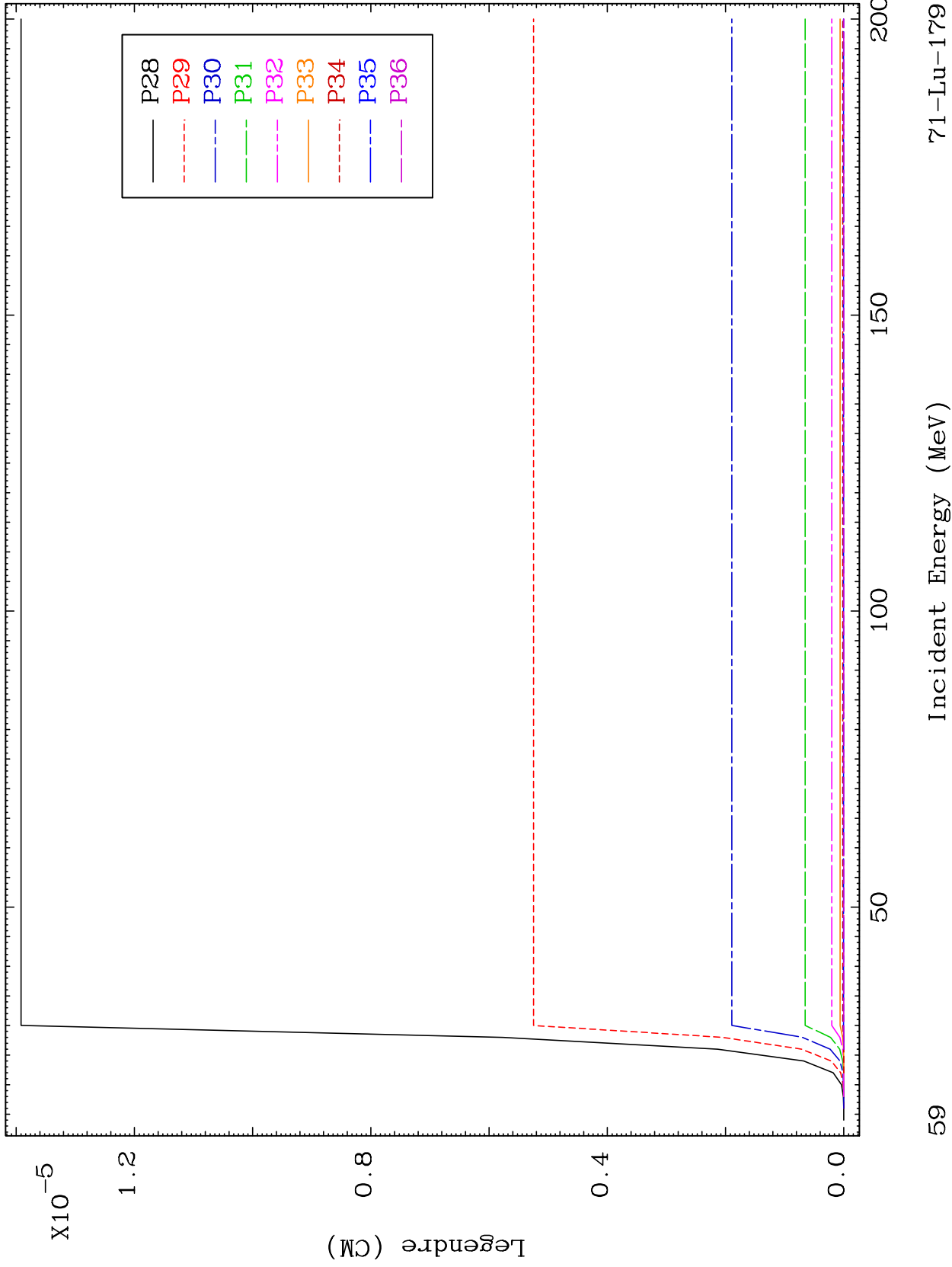
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



59

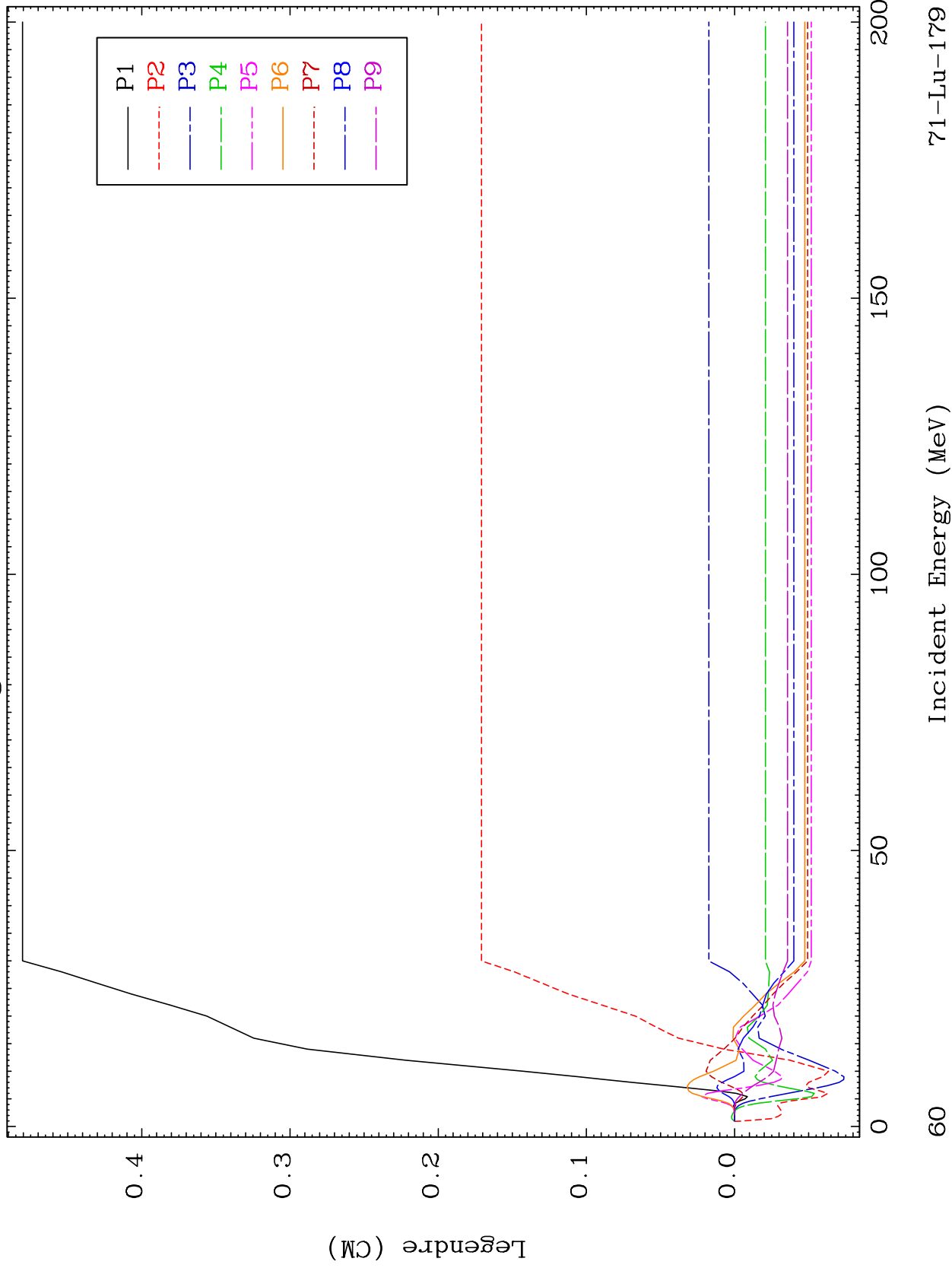
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

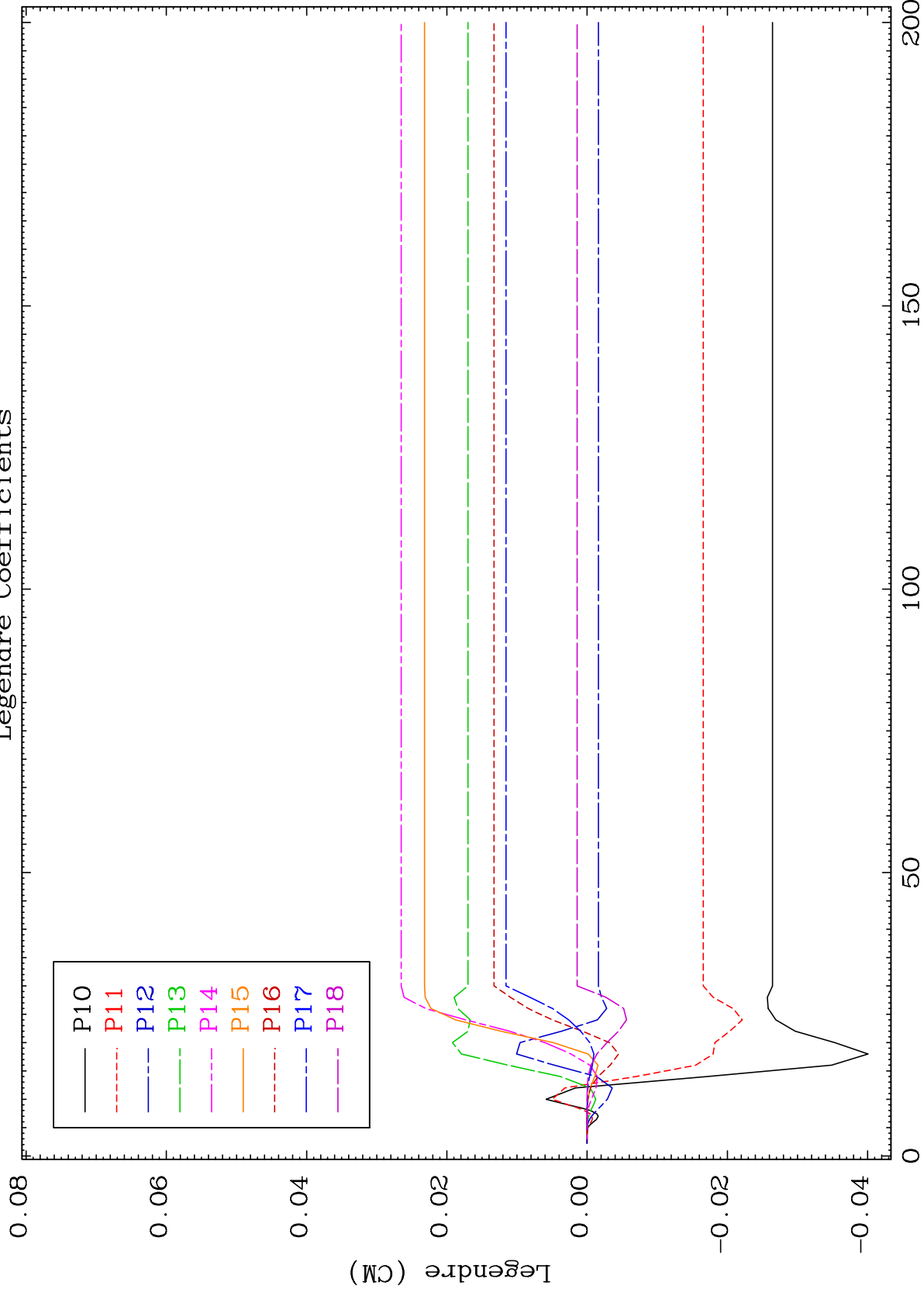
Incident Energy (MeV)

60

MAT 7137

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

71-Lu-179



61

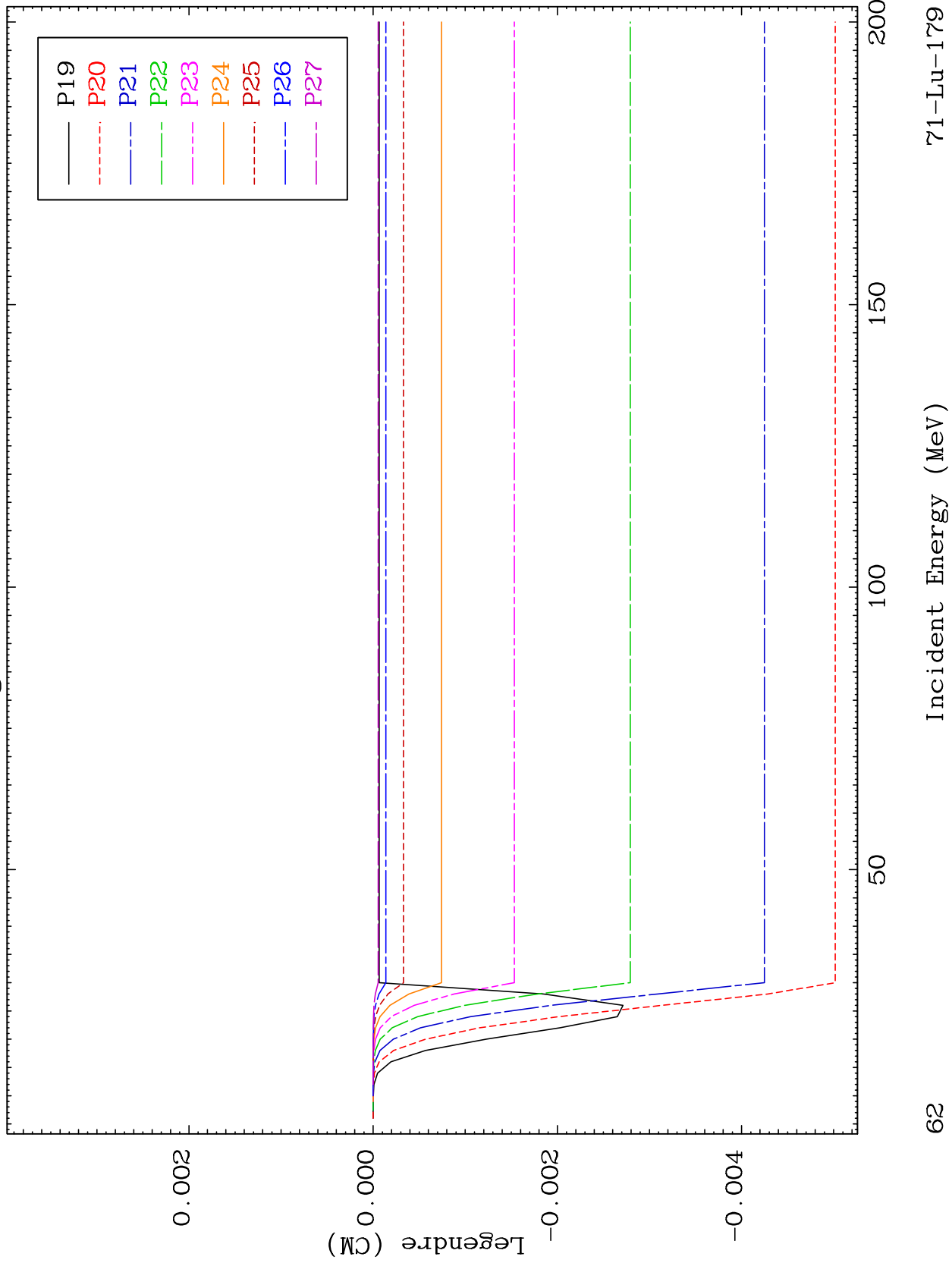
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

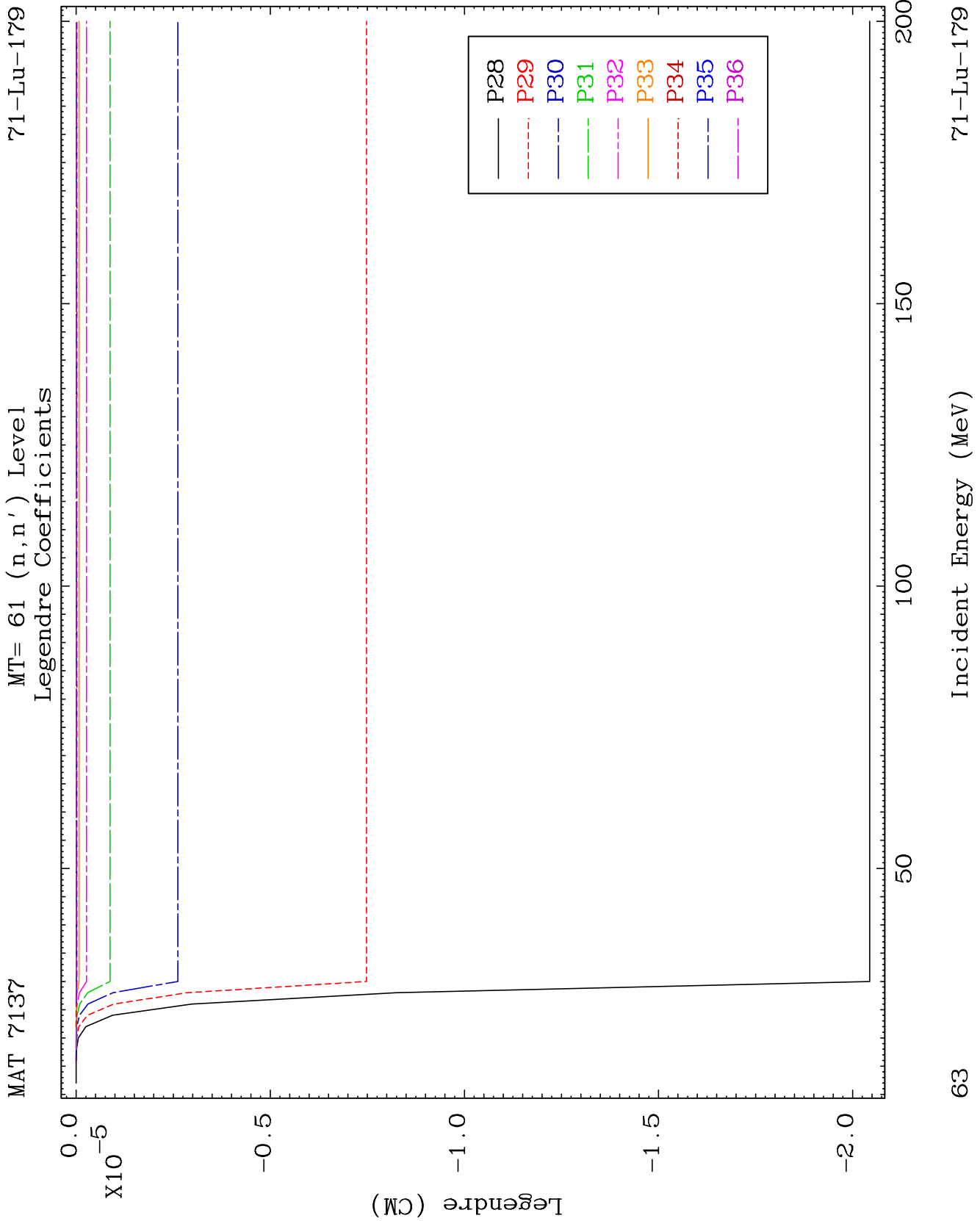
71-Lu-179



62

Incident Energy (MeV)

71-Lu-179

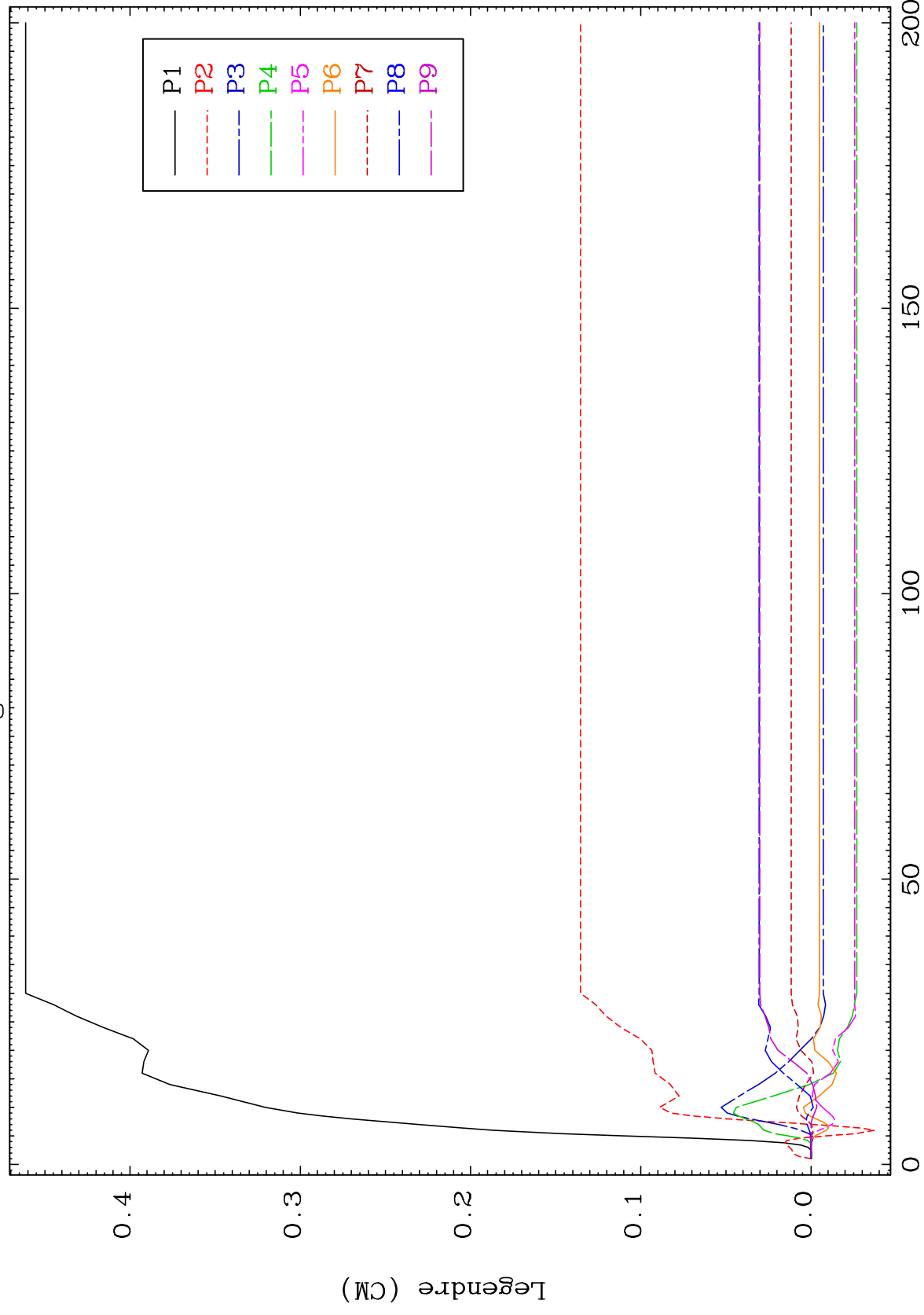




MAT 7137

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

71-Lu-179



64

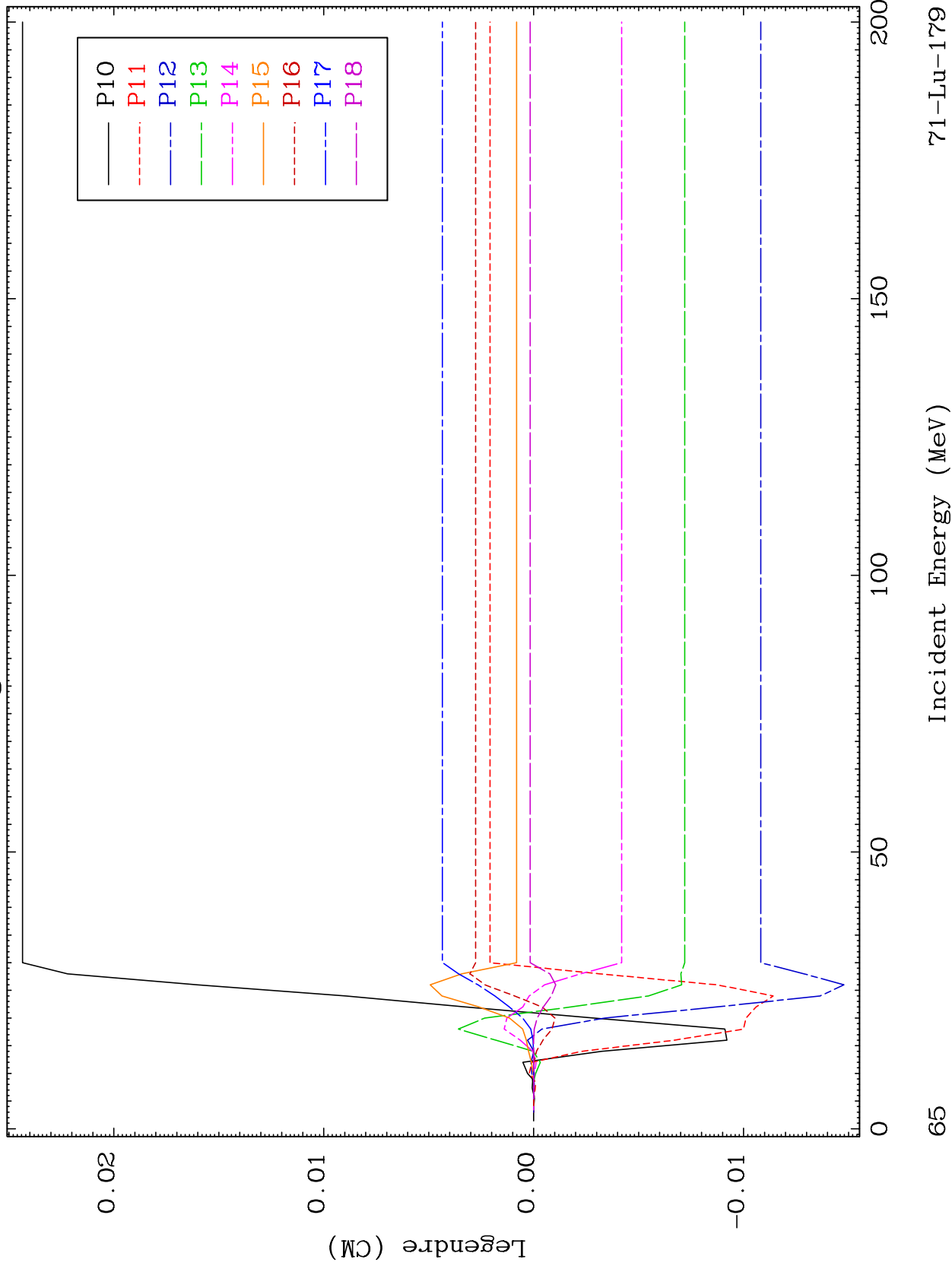
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

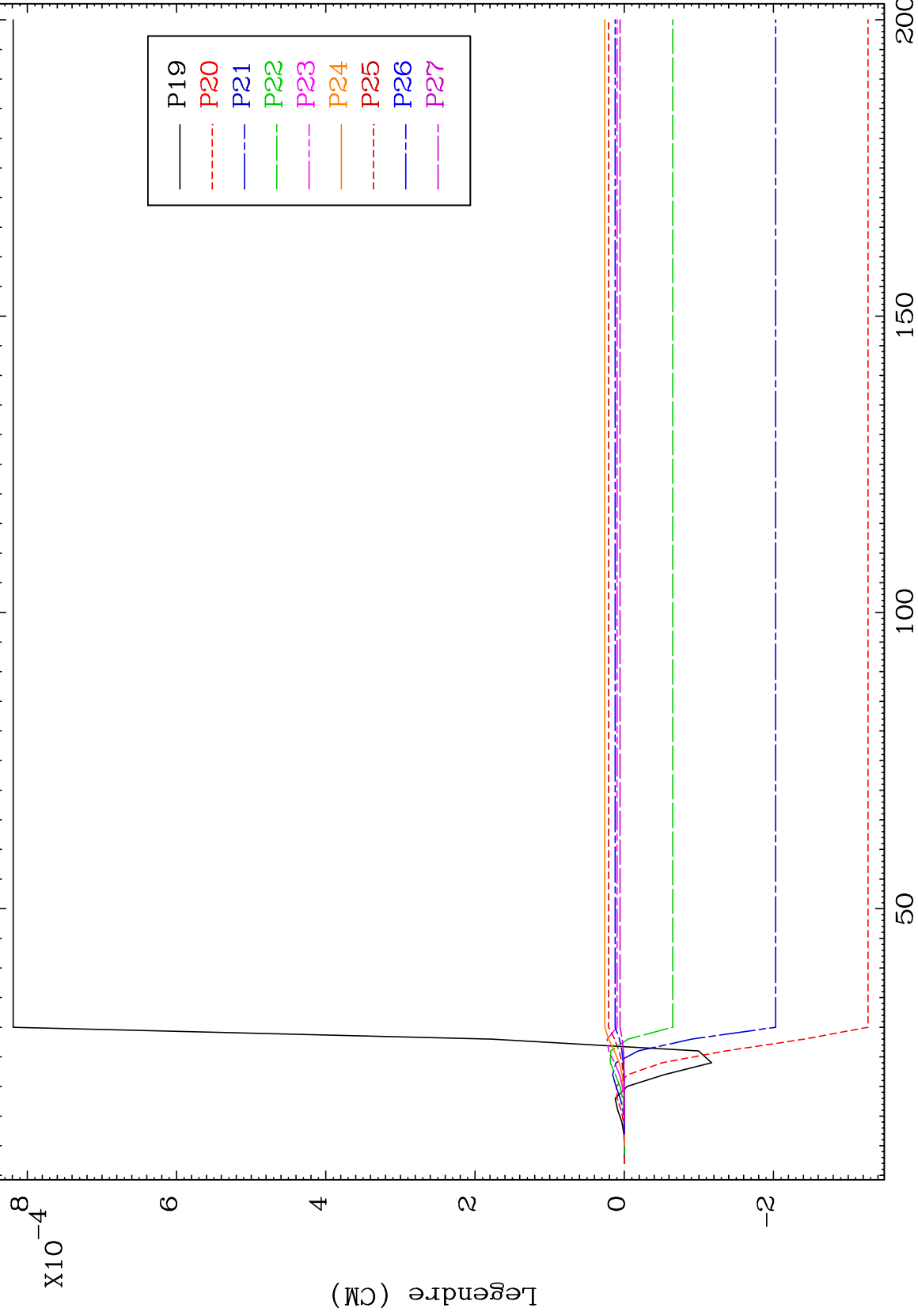
71-Lu-179



71-Lu-179

Incident Energy (MeV)

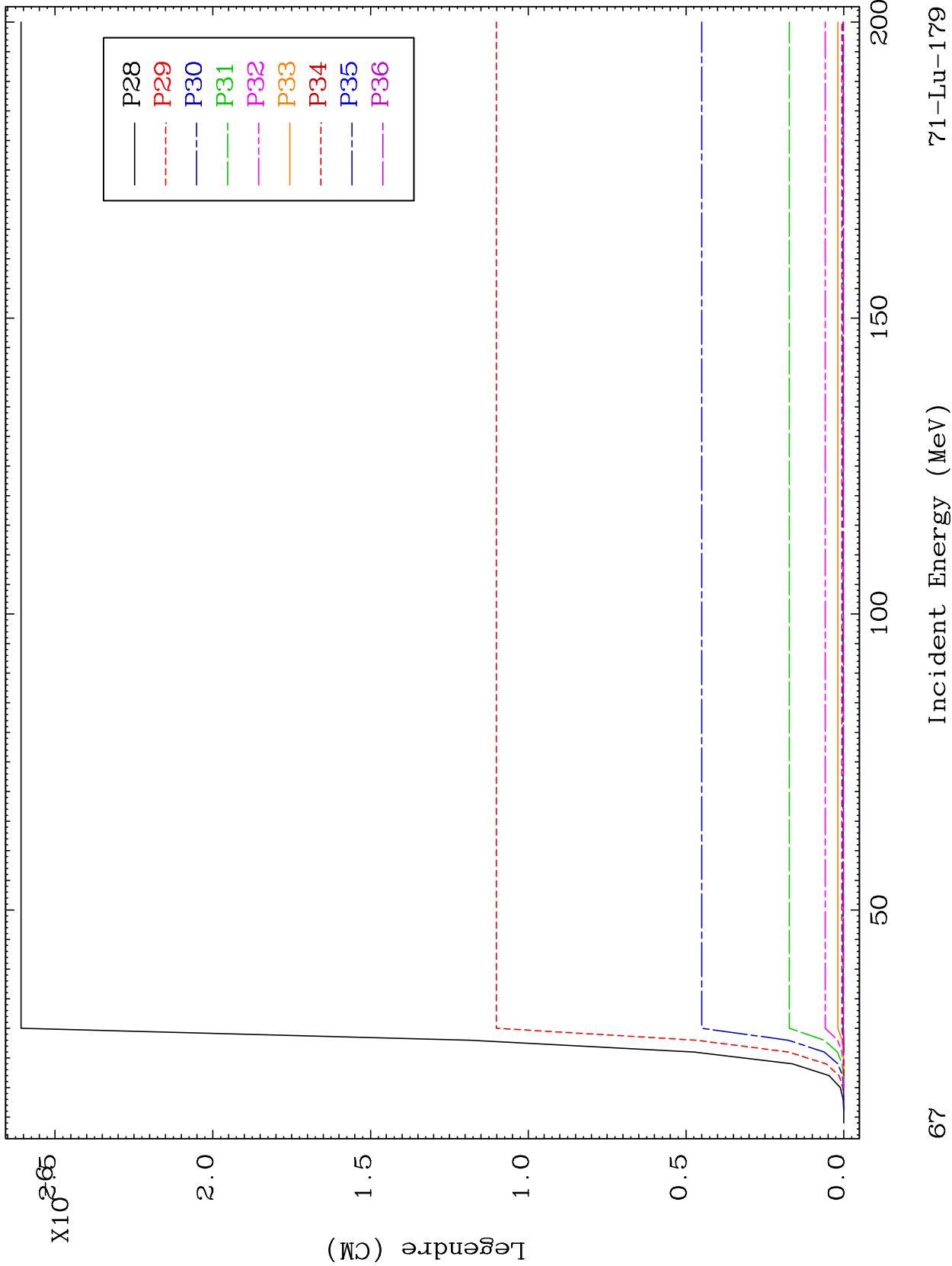
65



MAT 7137

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

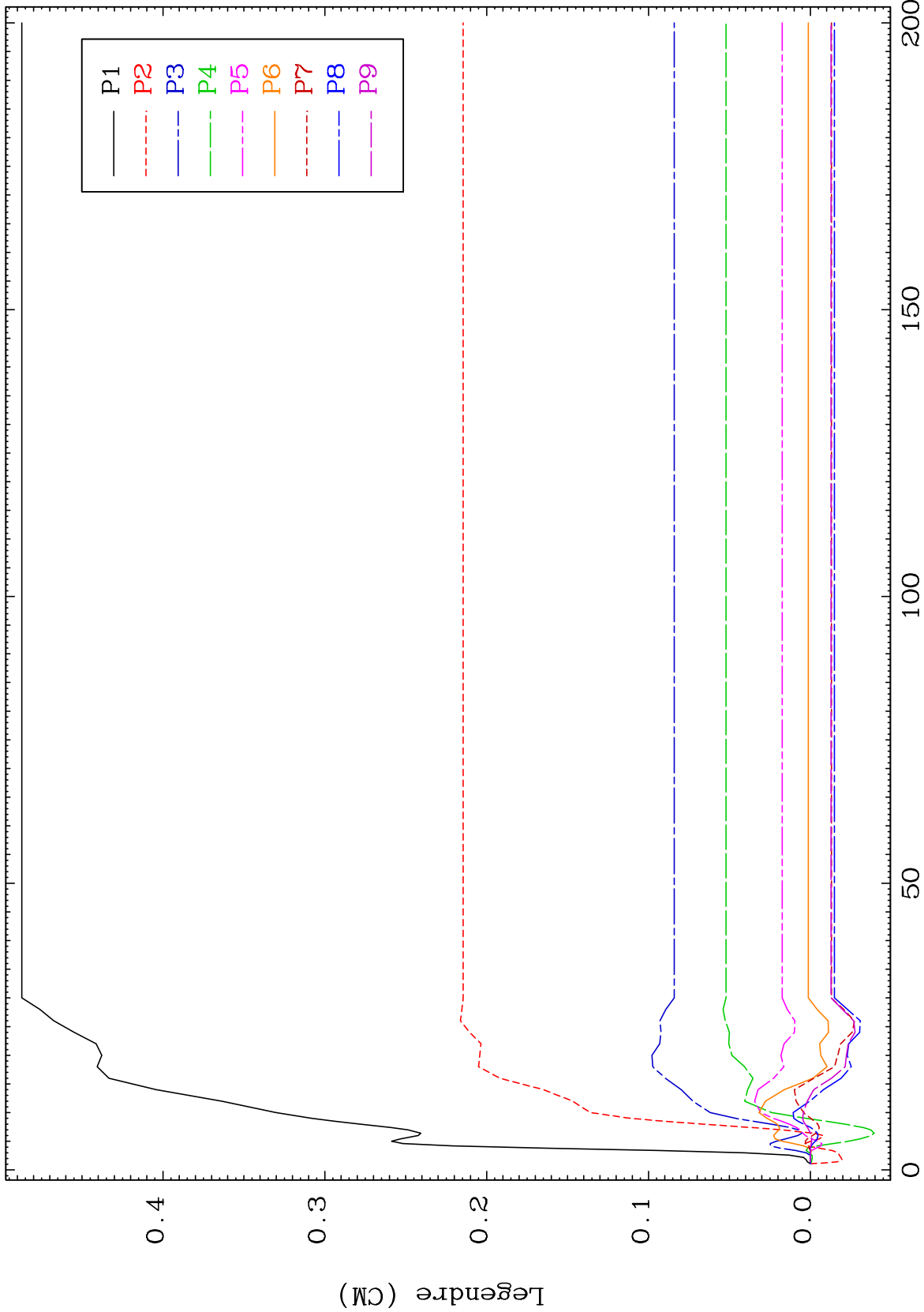
71-Lu-179



MAT 7137

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

71-Lu-179



68

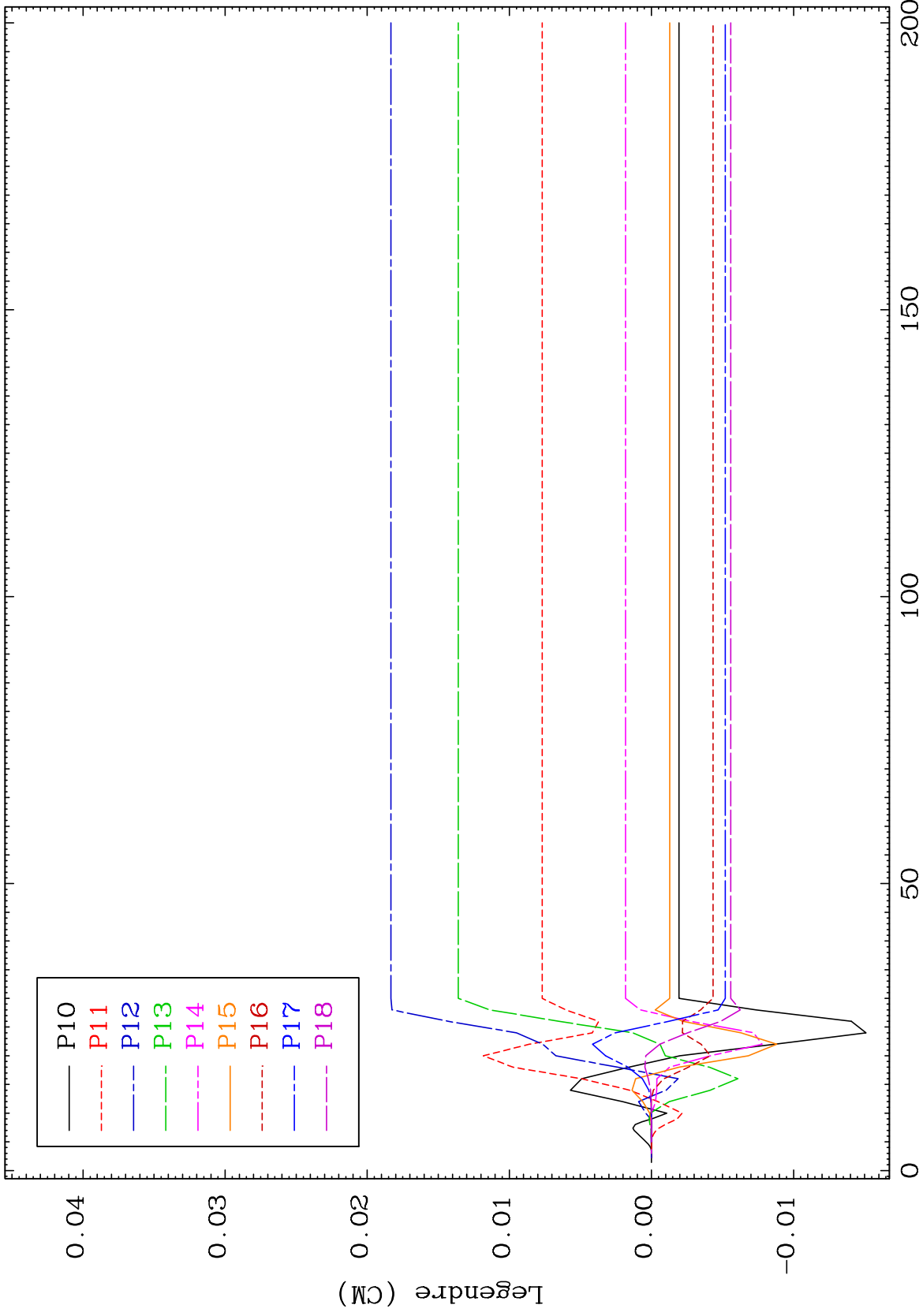
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



69

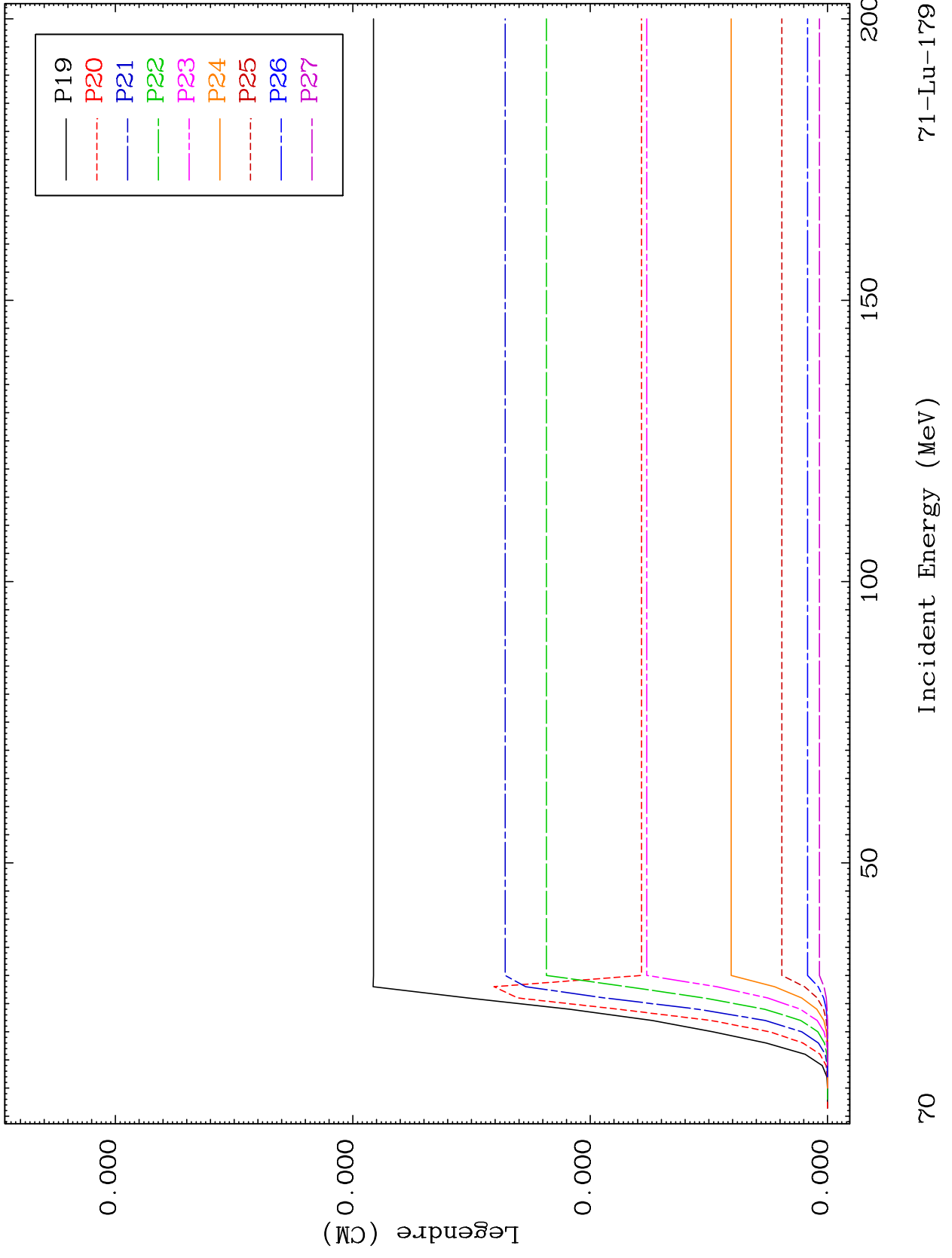
71-Lu-179

71-Lu-179

MAT 7137

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

71-Lu-179



70

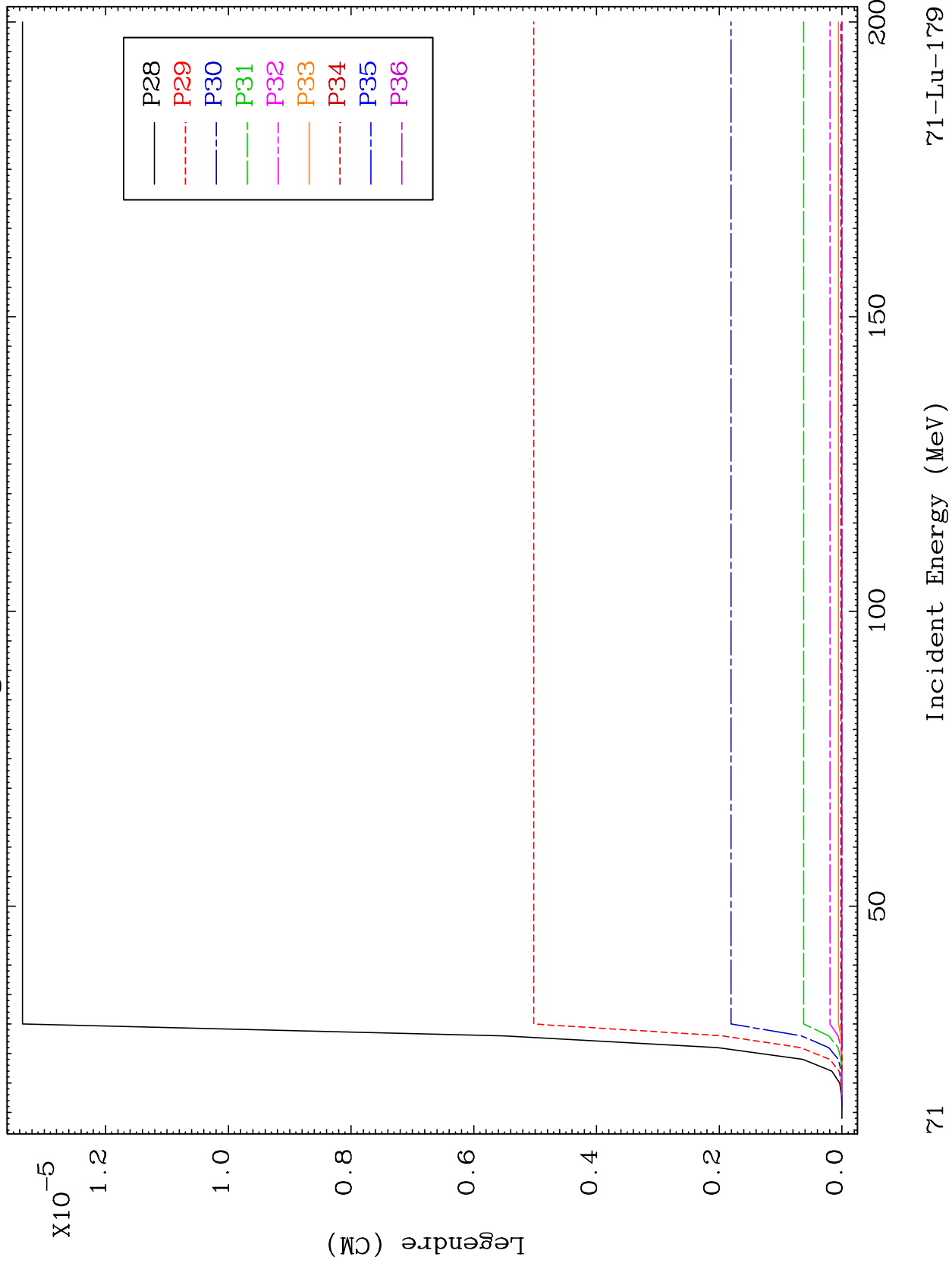
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179

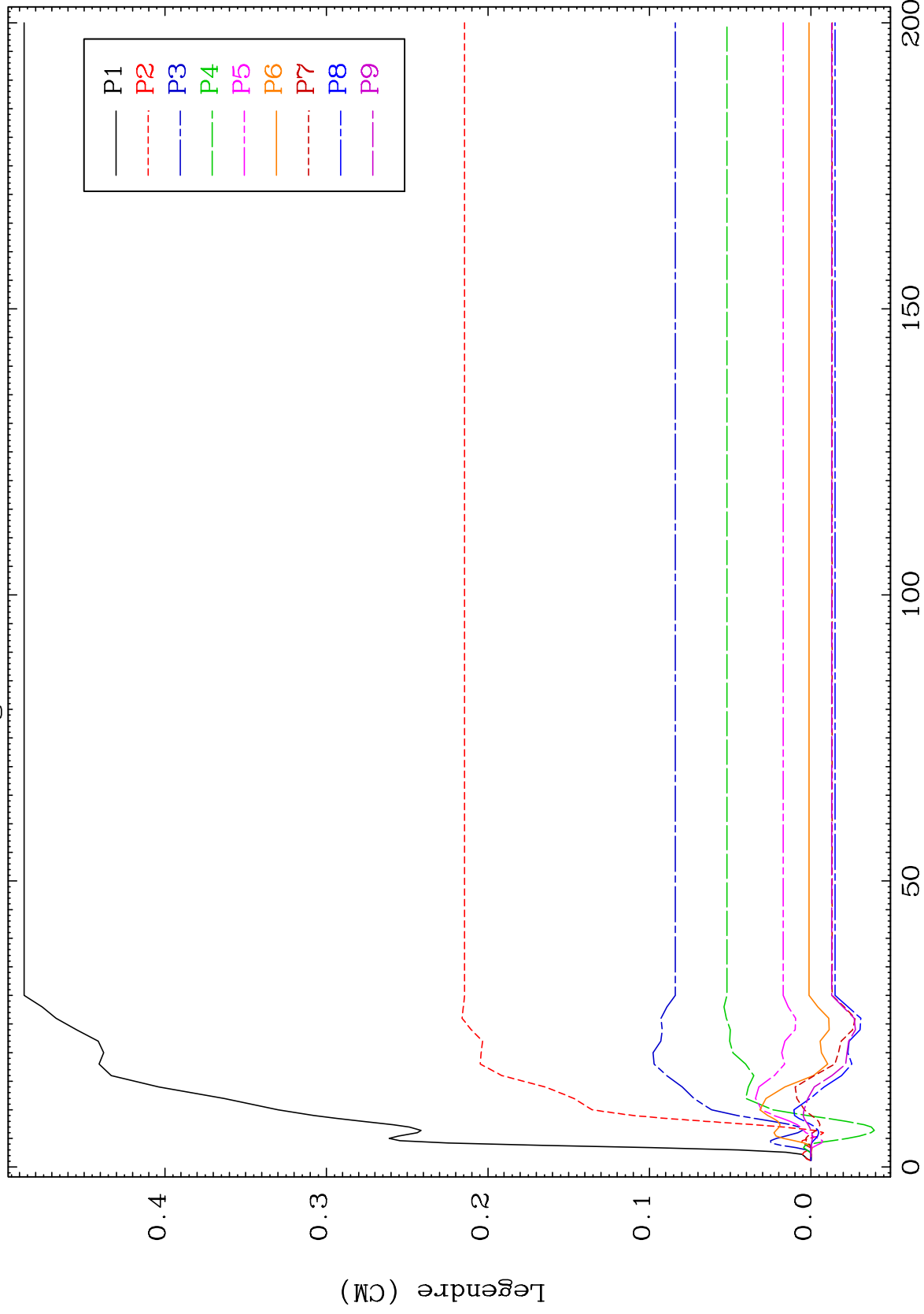




MAT 7137

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

71-Lu-179



72

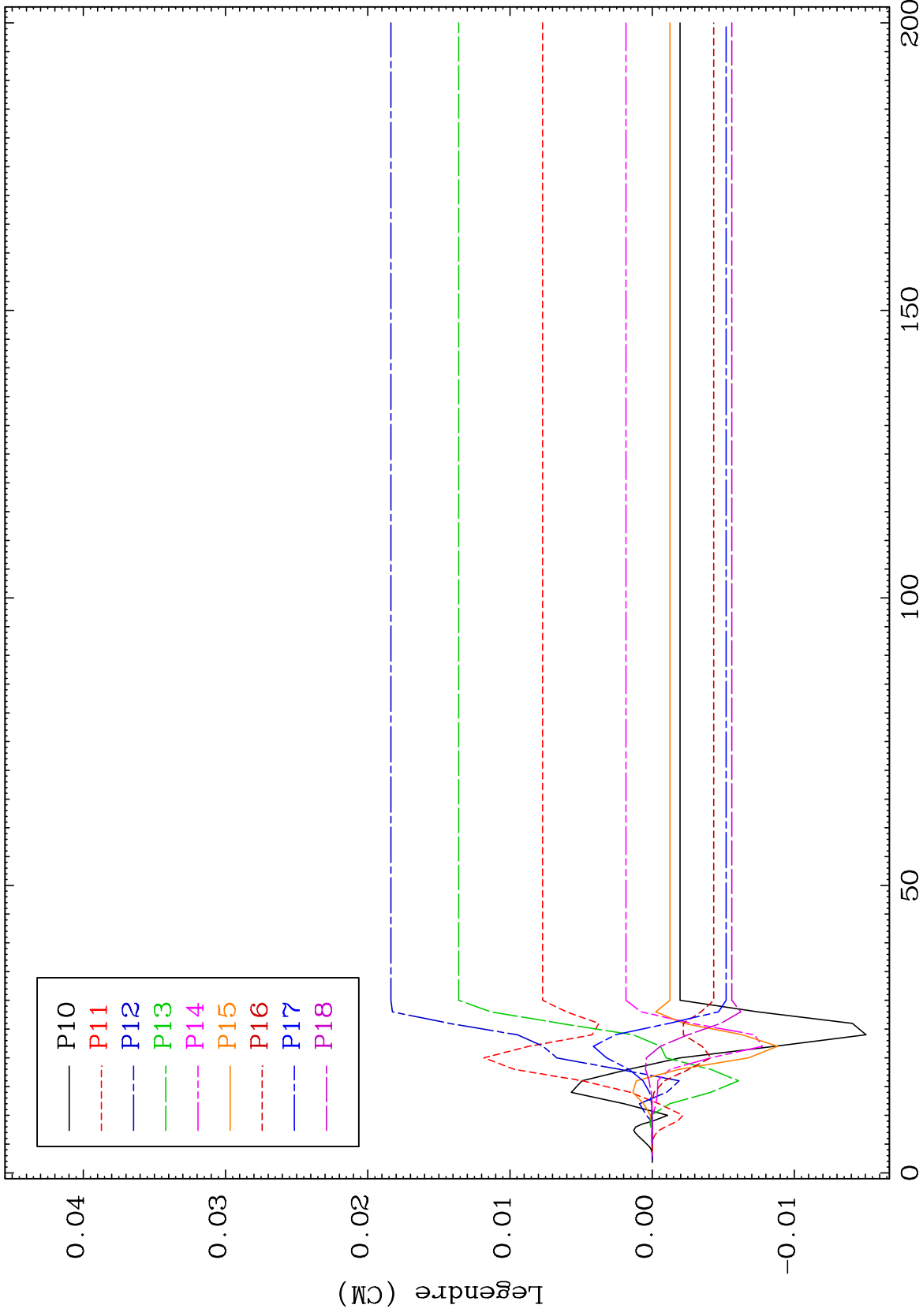
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



73

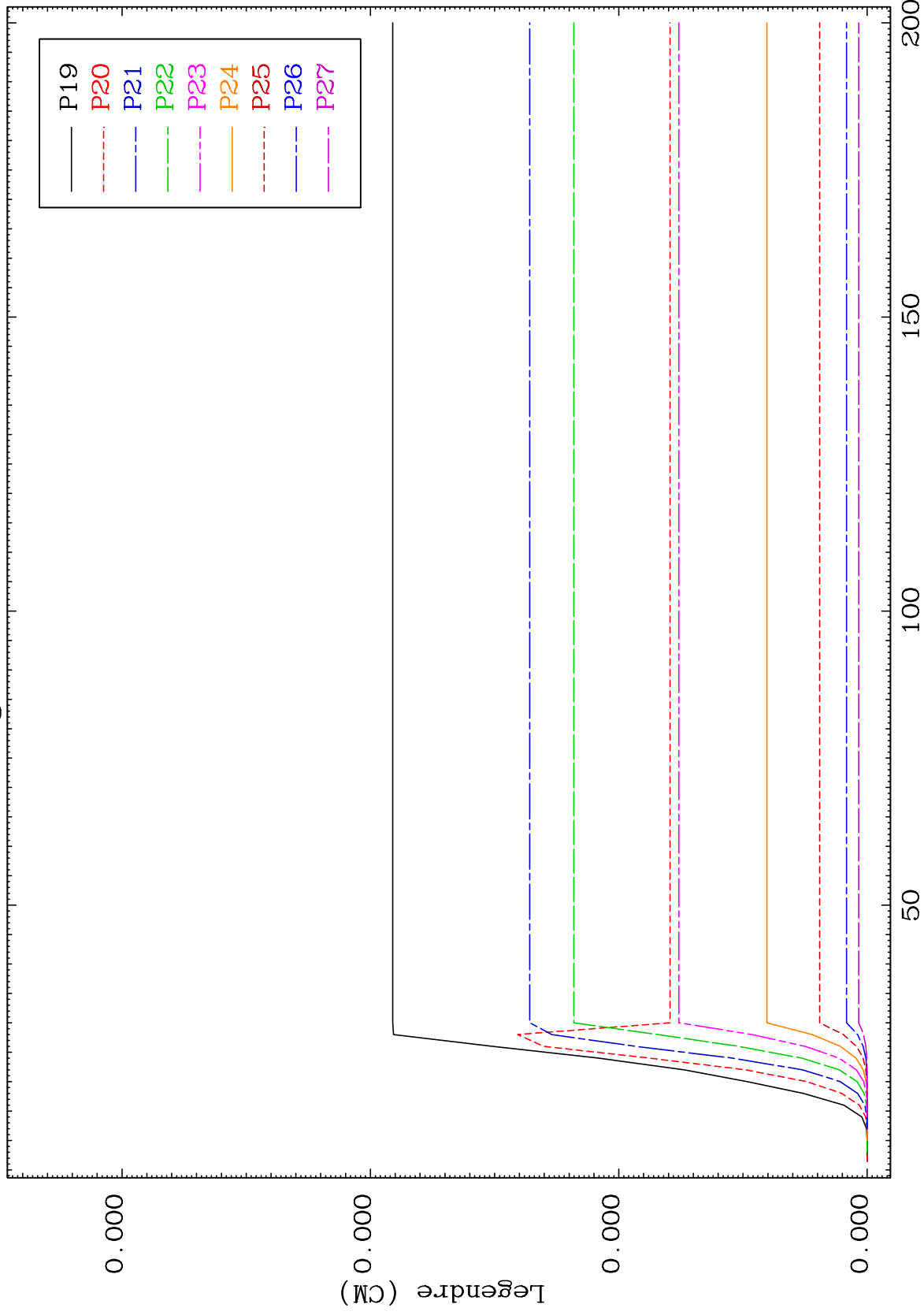
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



74

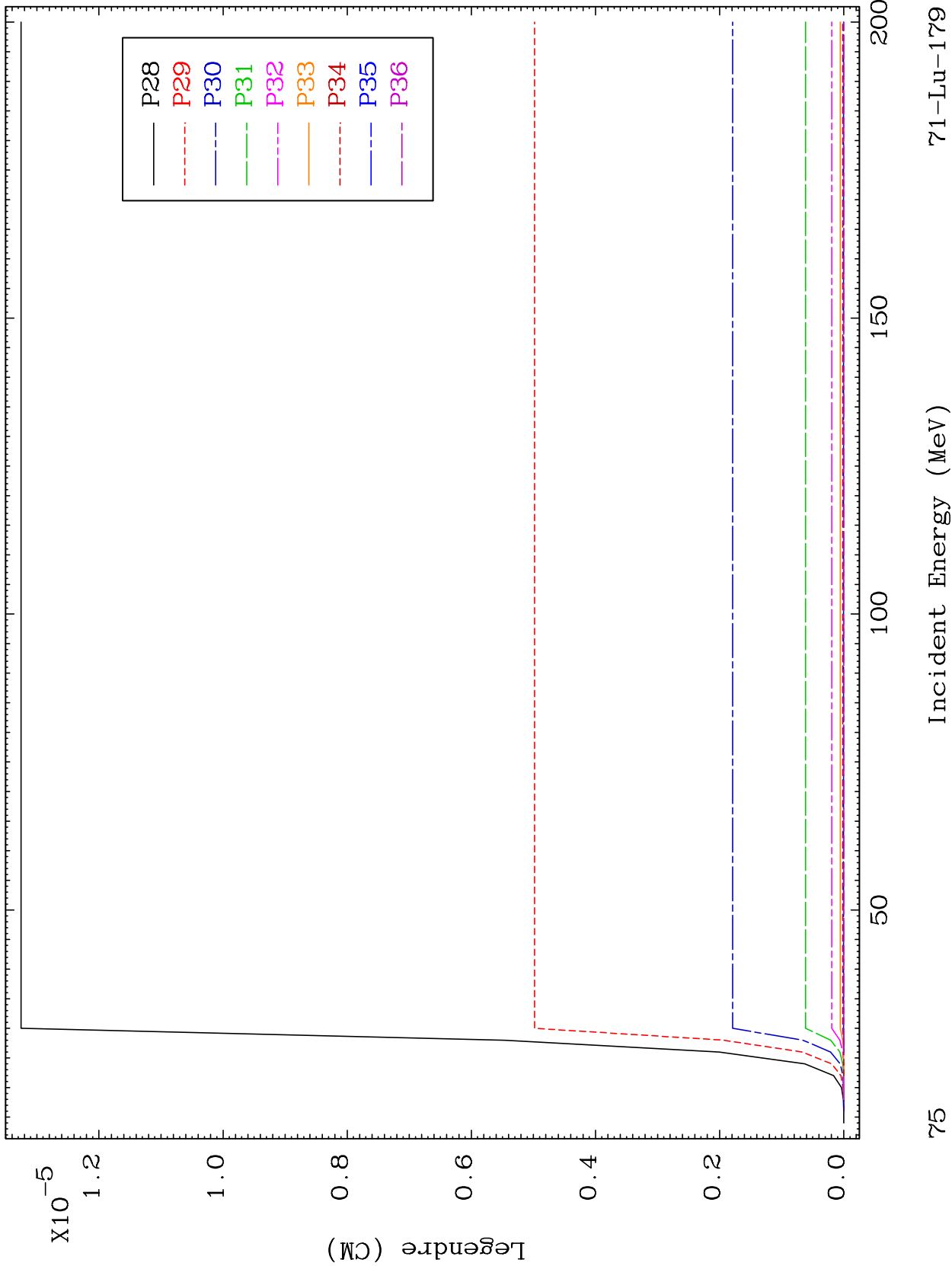
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



75

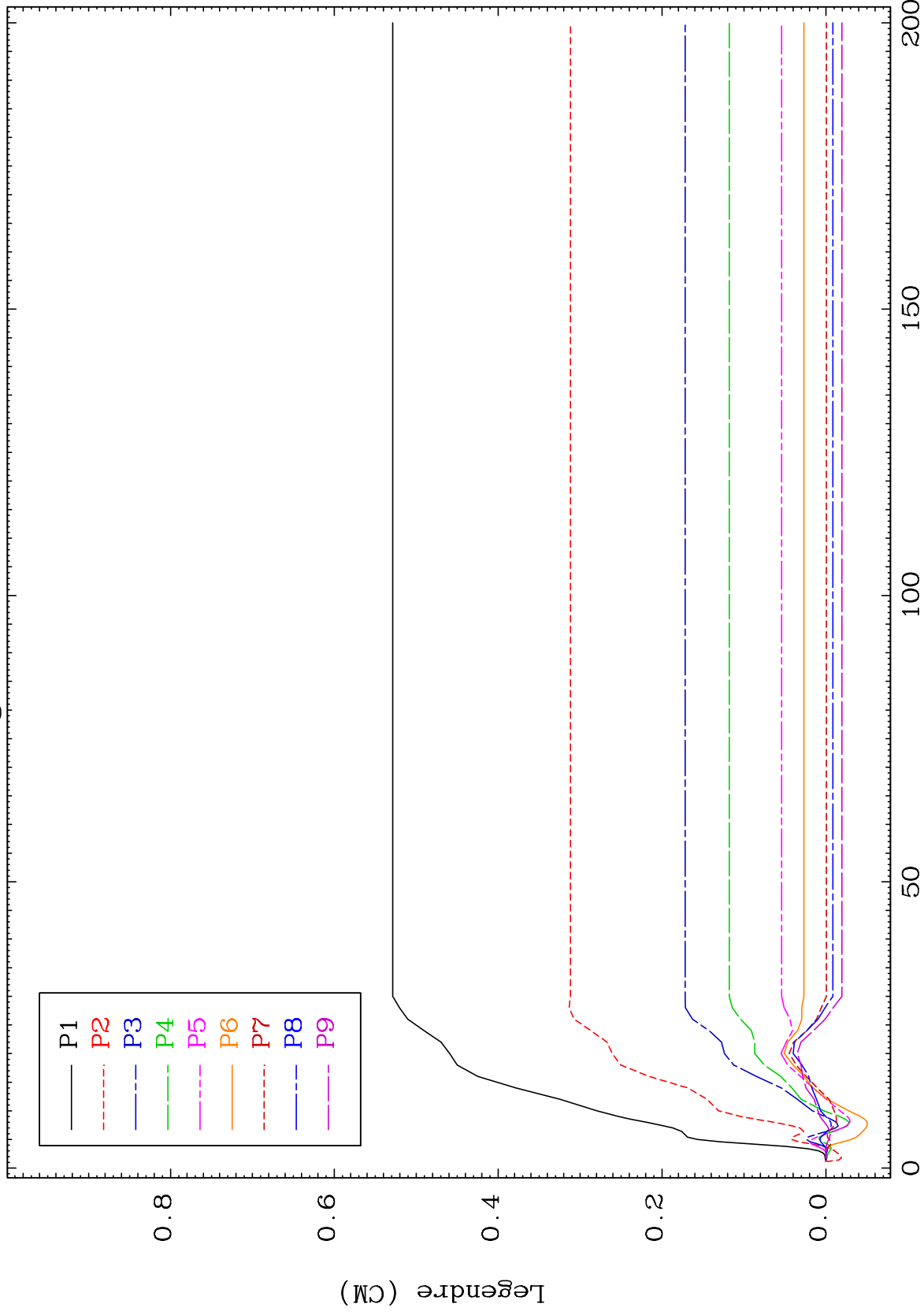
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



76

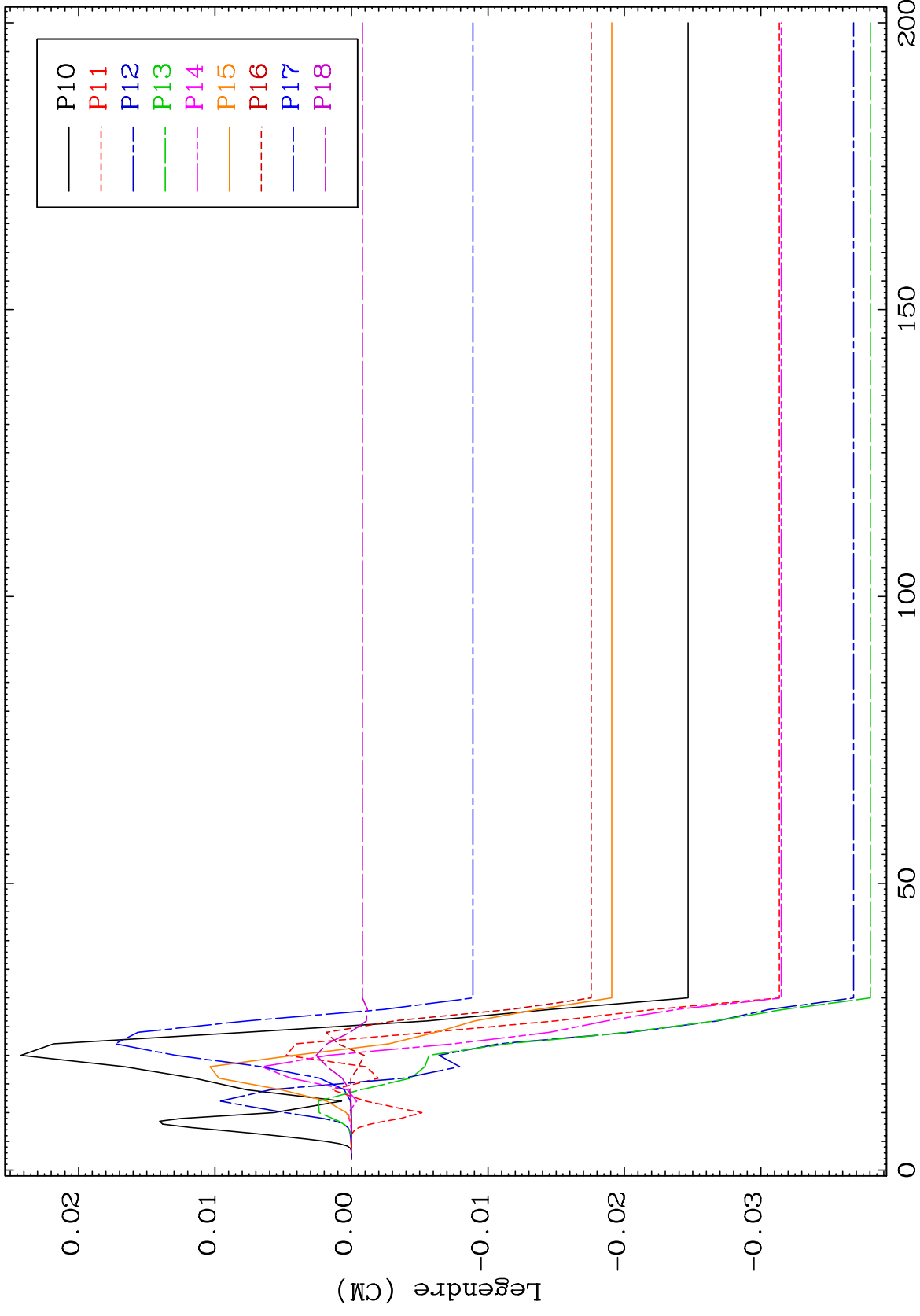
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



77

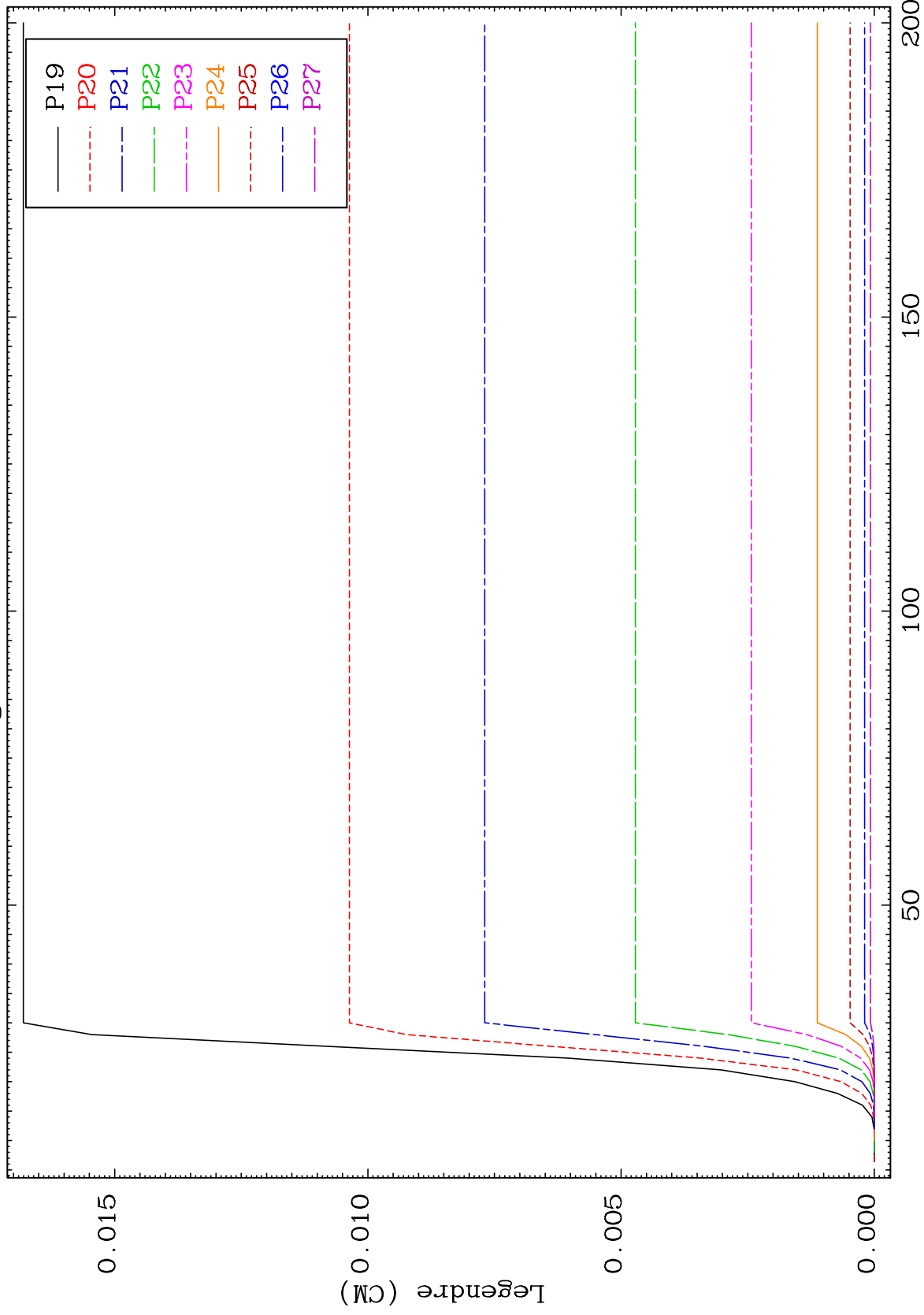
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



78

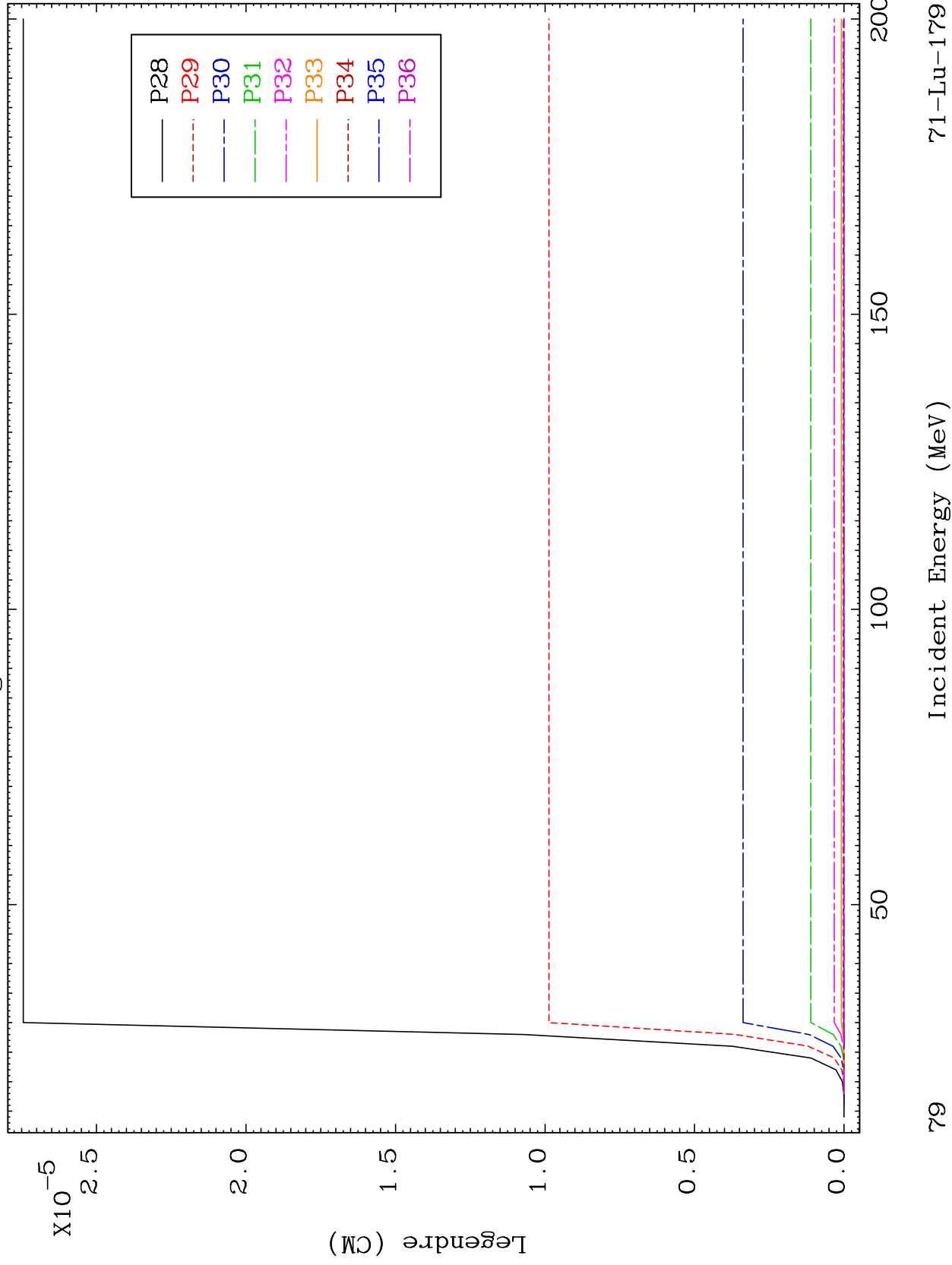
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



79

Incident Energy (MeV)

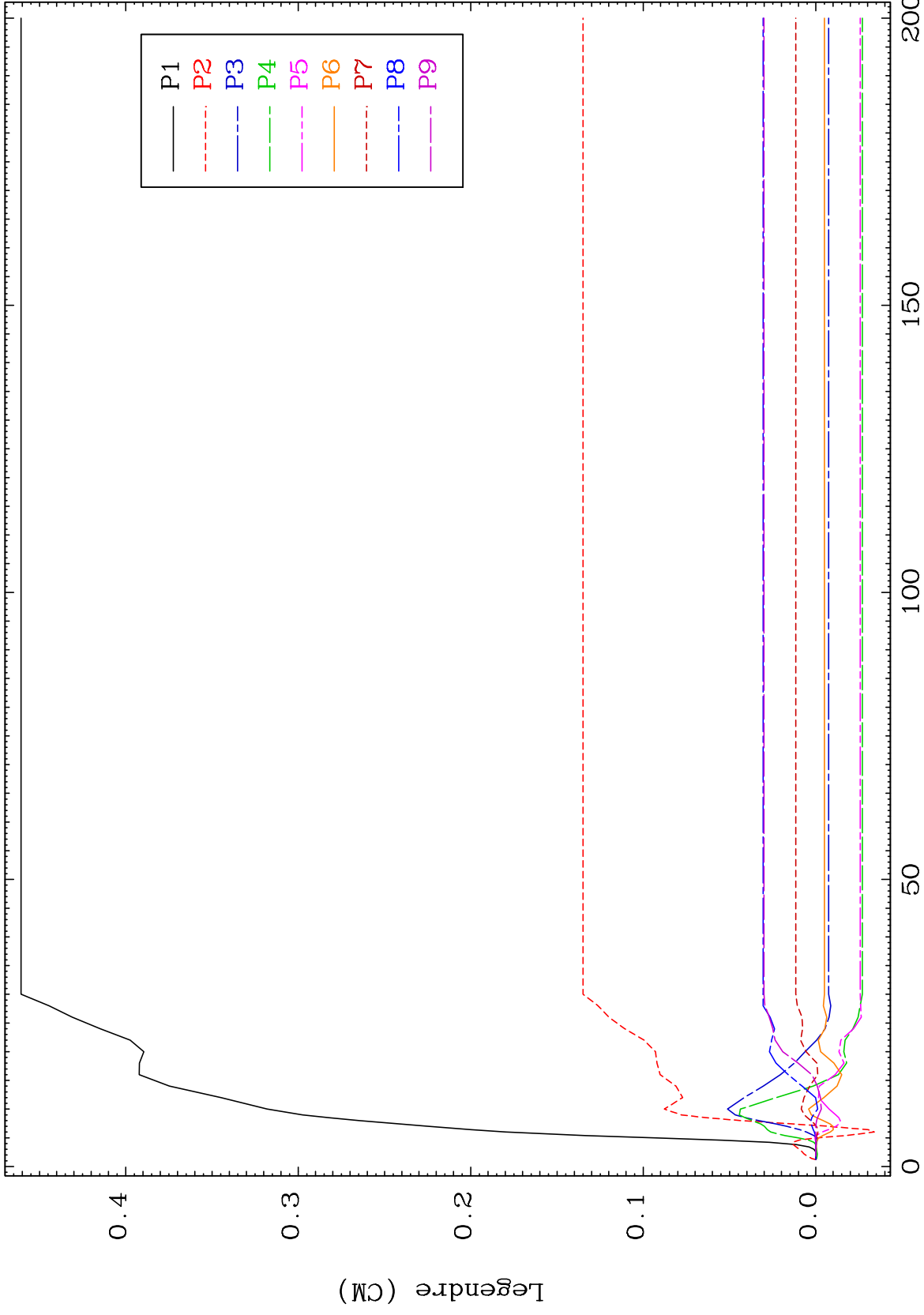
71-Lu-179



MAT 7137

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

71-Lu-179



71-Lu-179

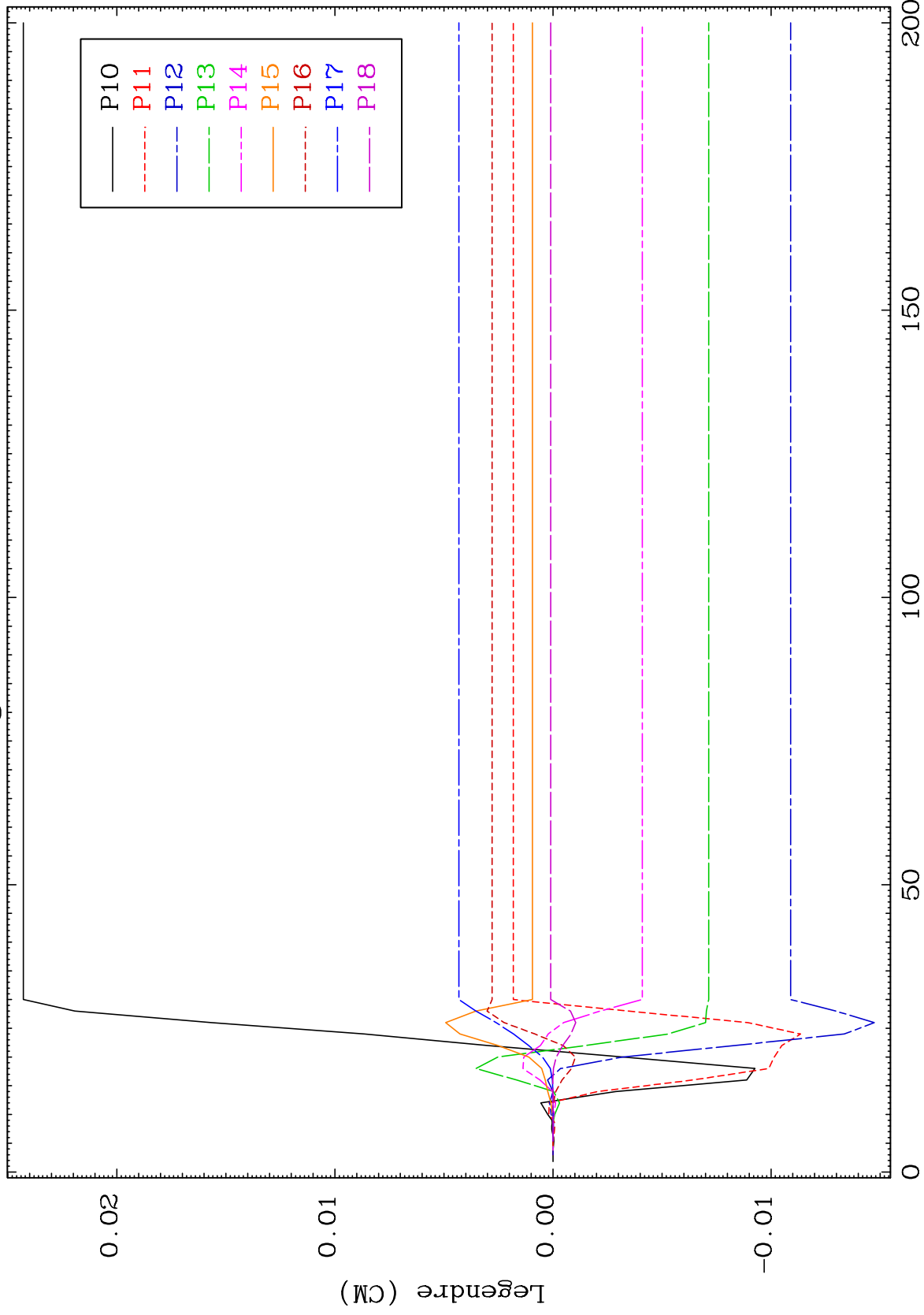
Incident Energy (MeV)

80

MAT 7137

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

71-Lu-179



81

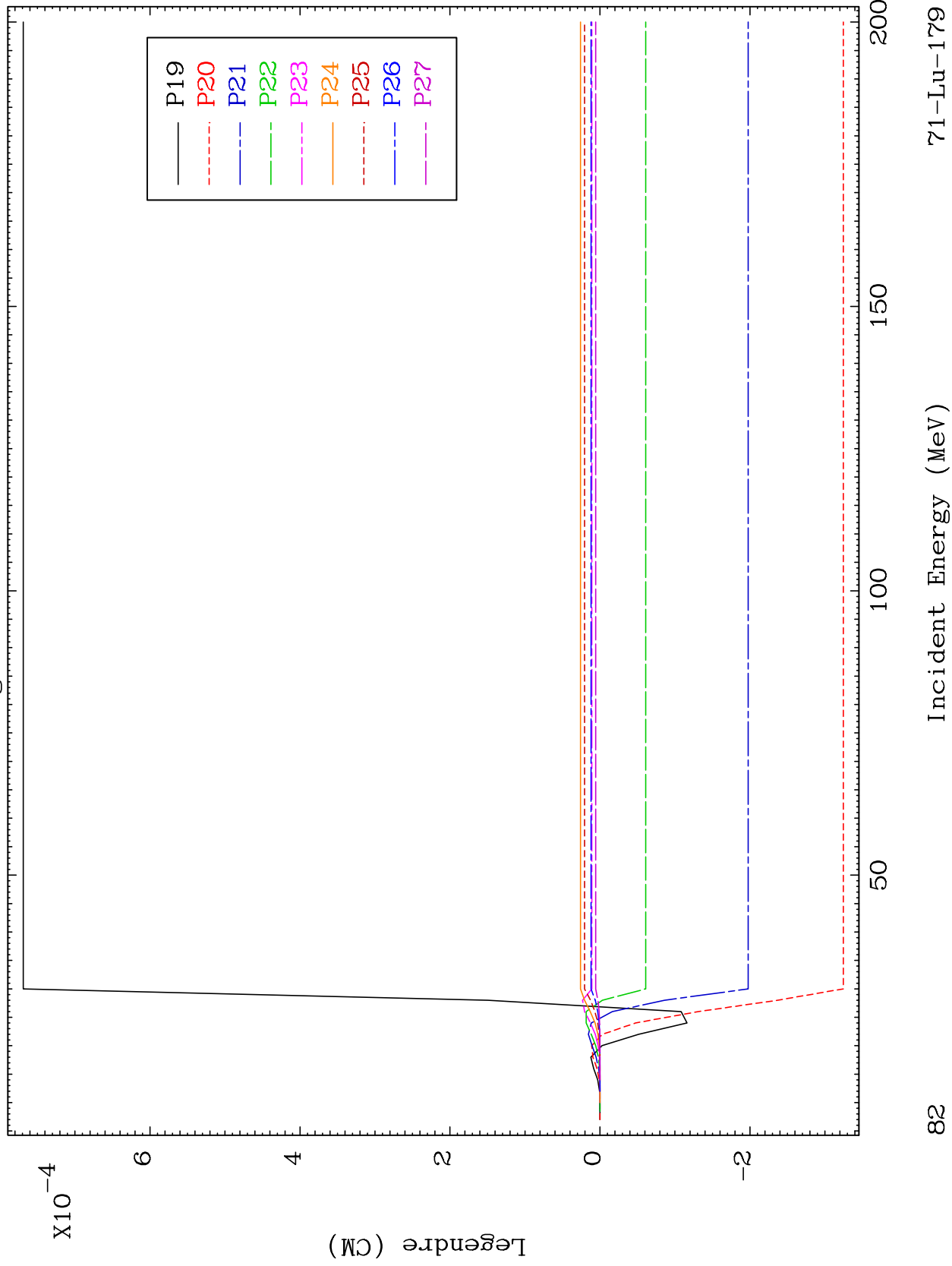
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

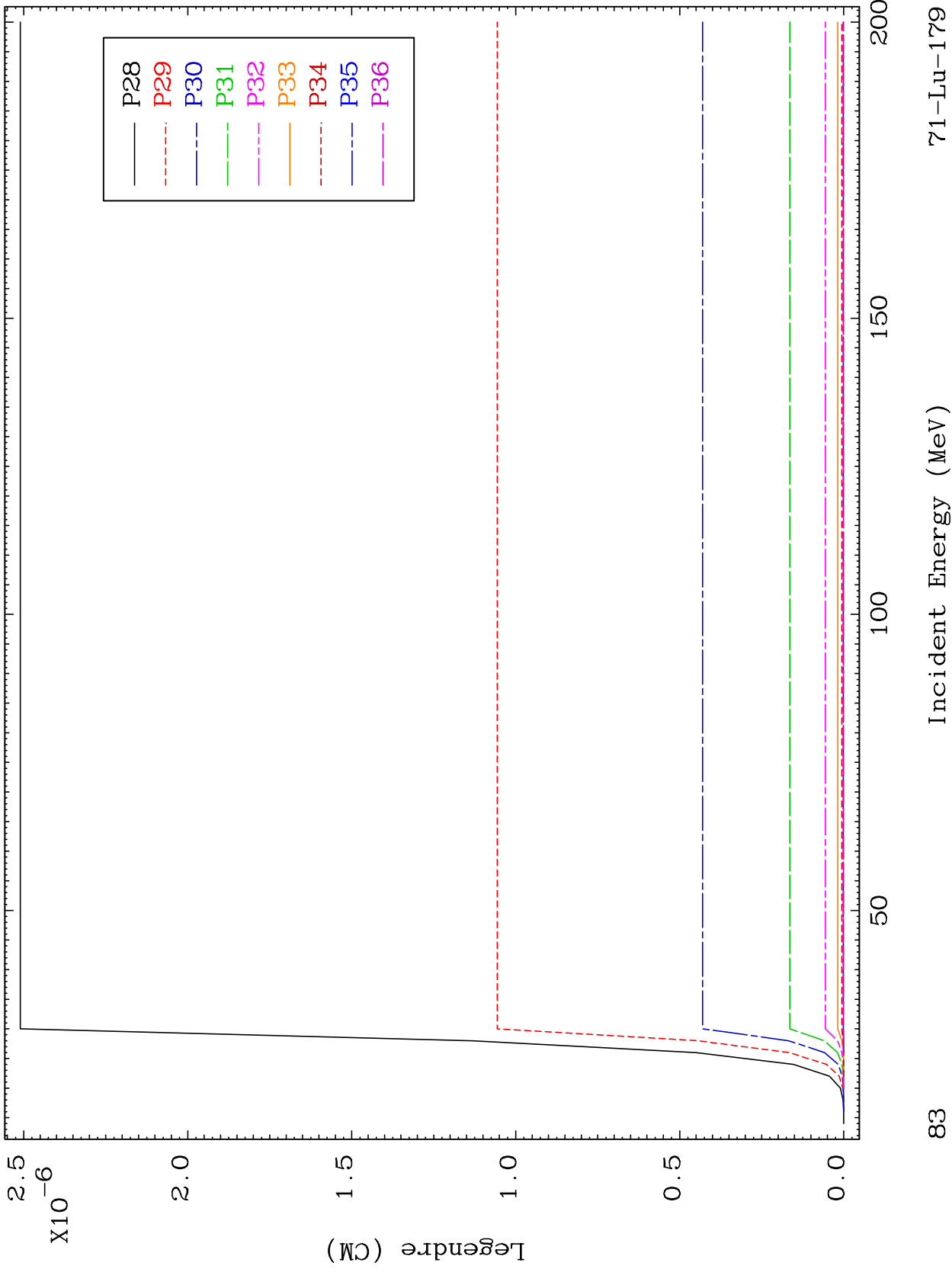
71-Lu-179



MAT 7137

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

71-Lu-179



83

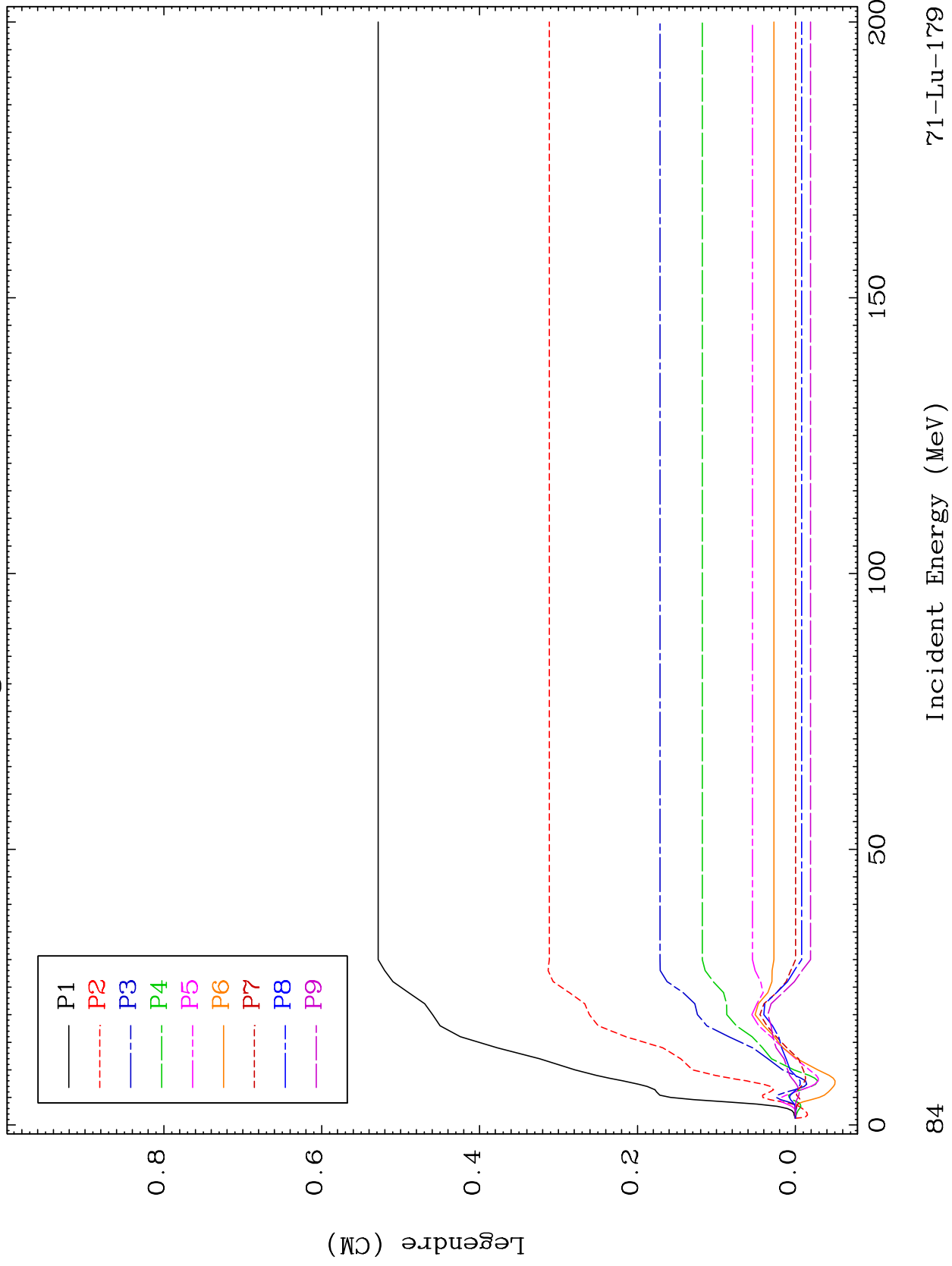
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

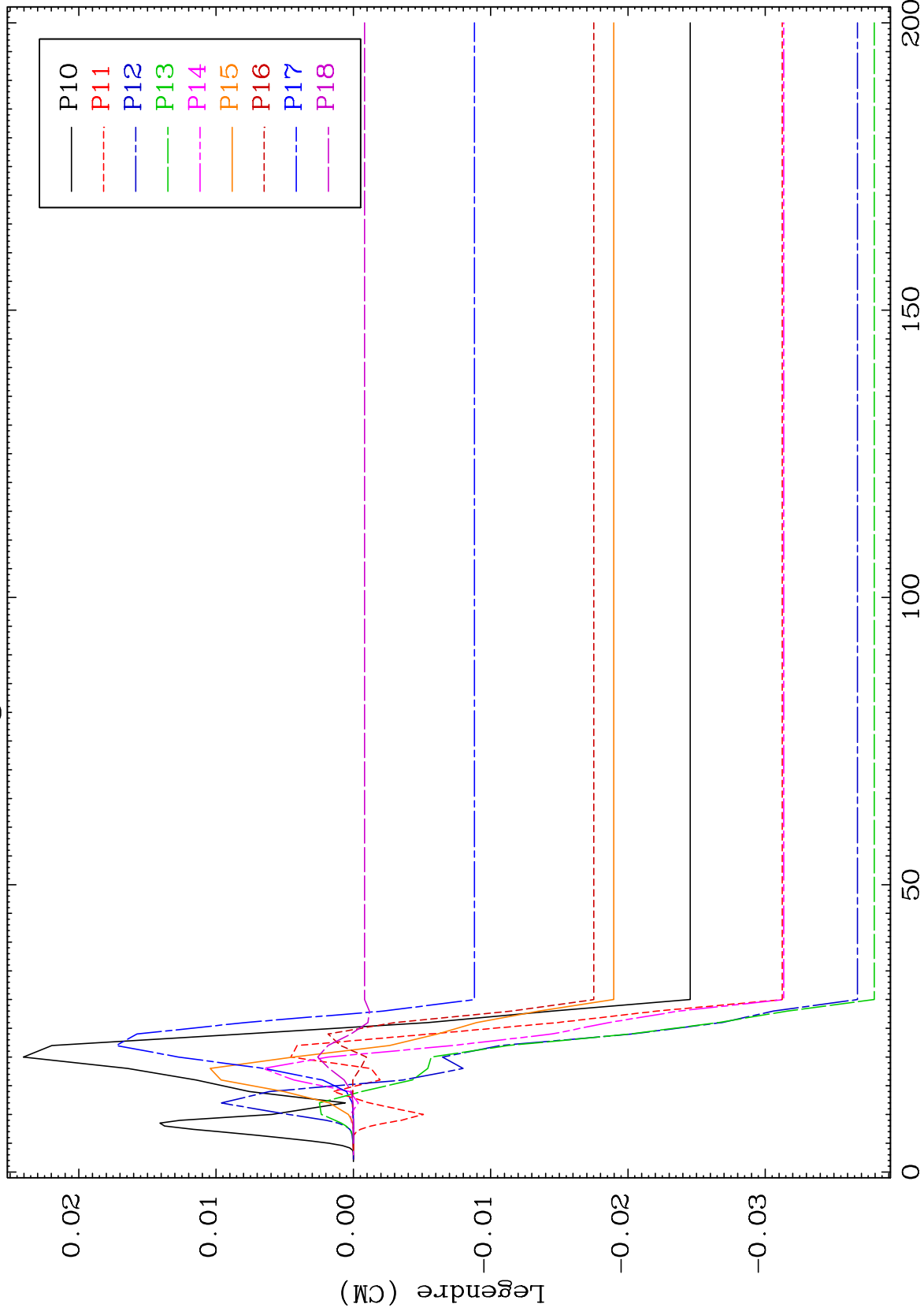
Incident Energy (MeV)

84

MAT 7137

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

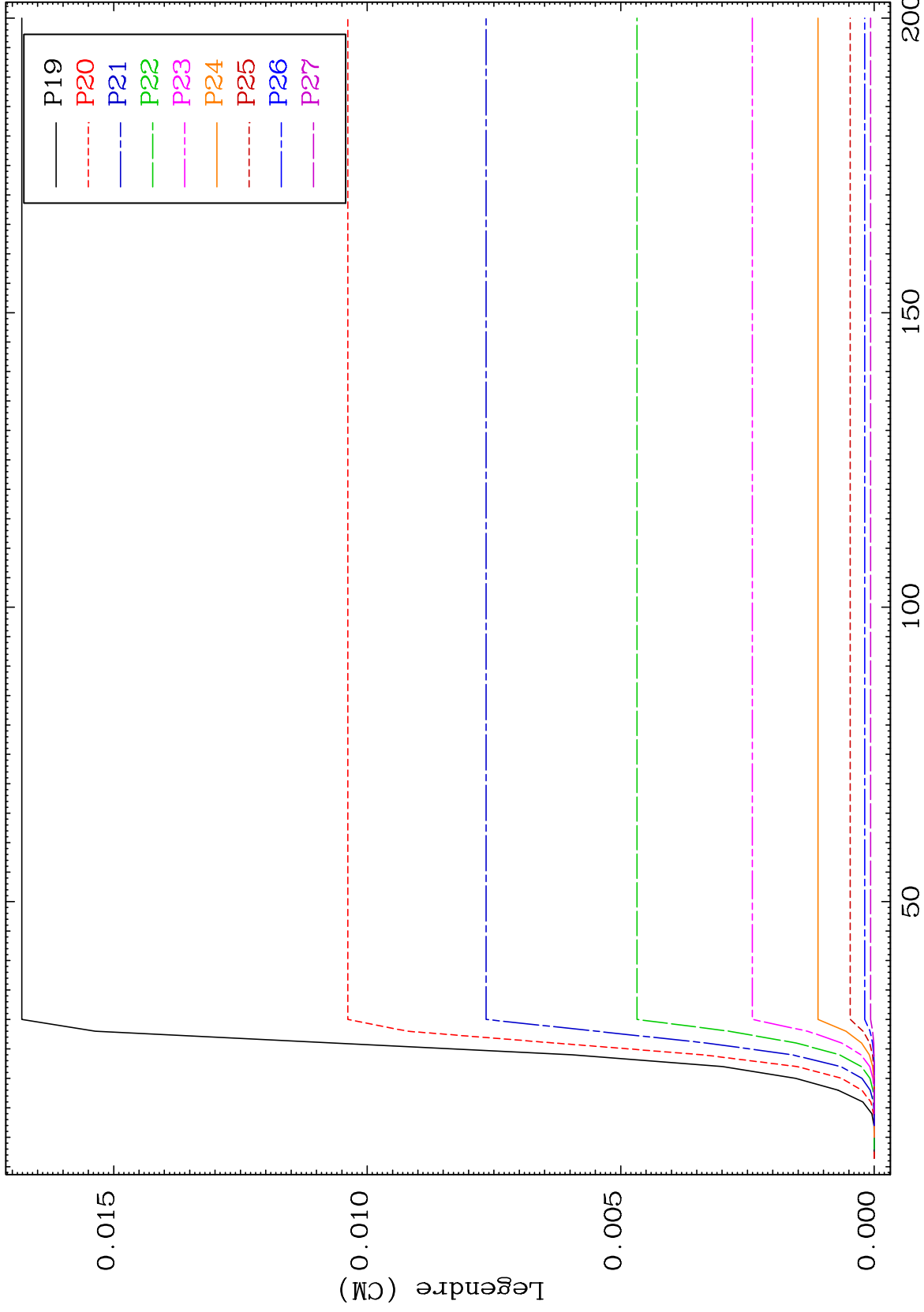
71-Lu-179



85

Incident Energy (MeV)

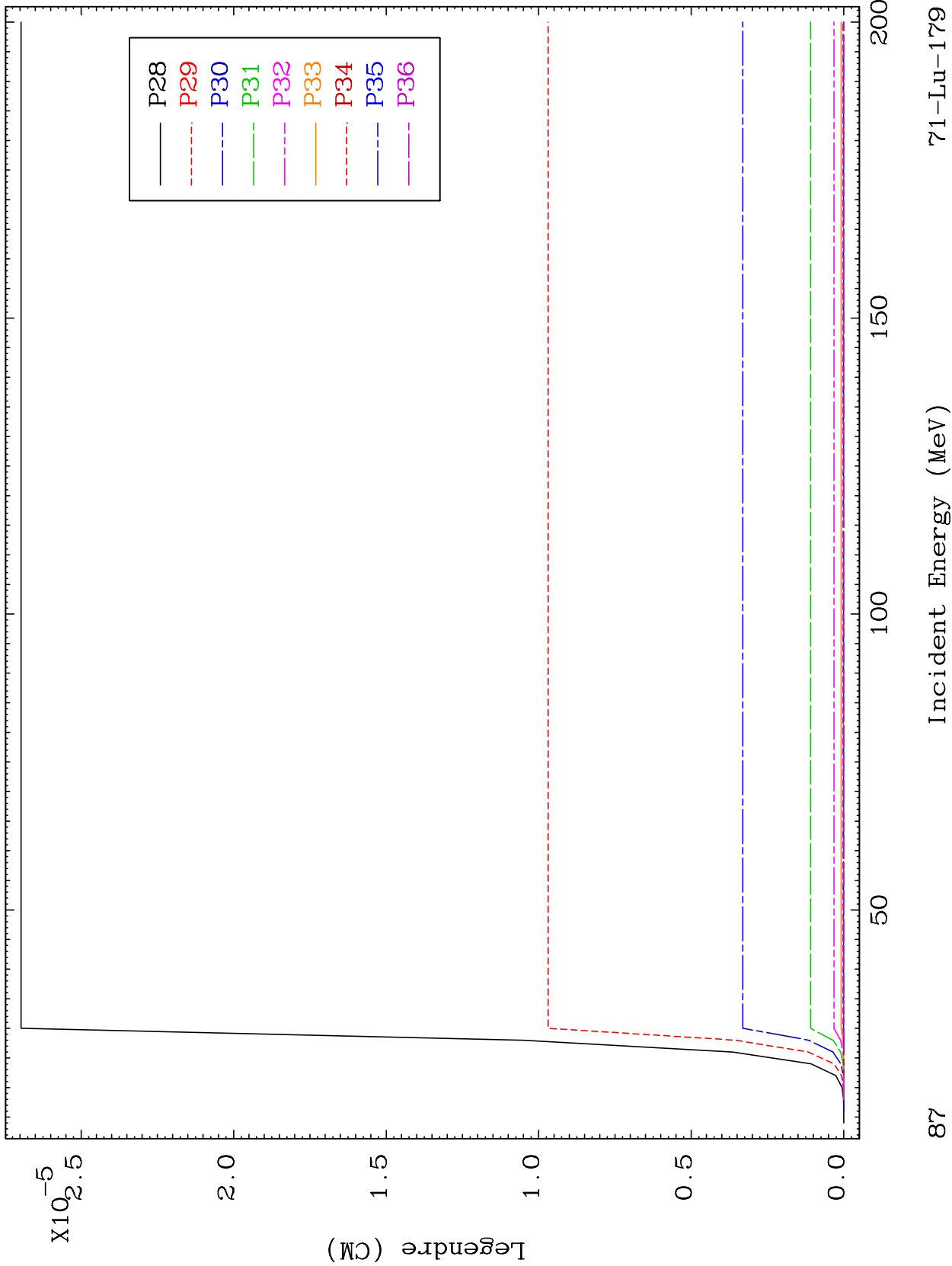
71-Lu-179



MAT 7137

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

71-Lu-179



87

Incident Energy (MeV)

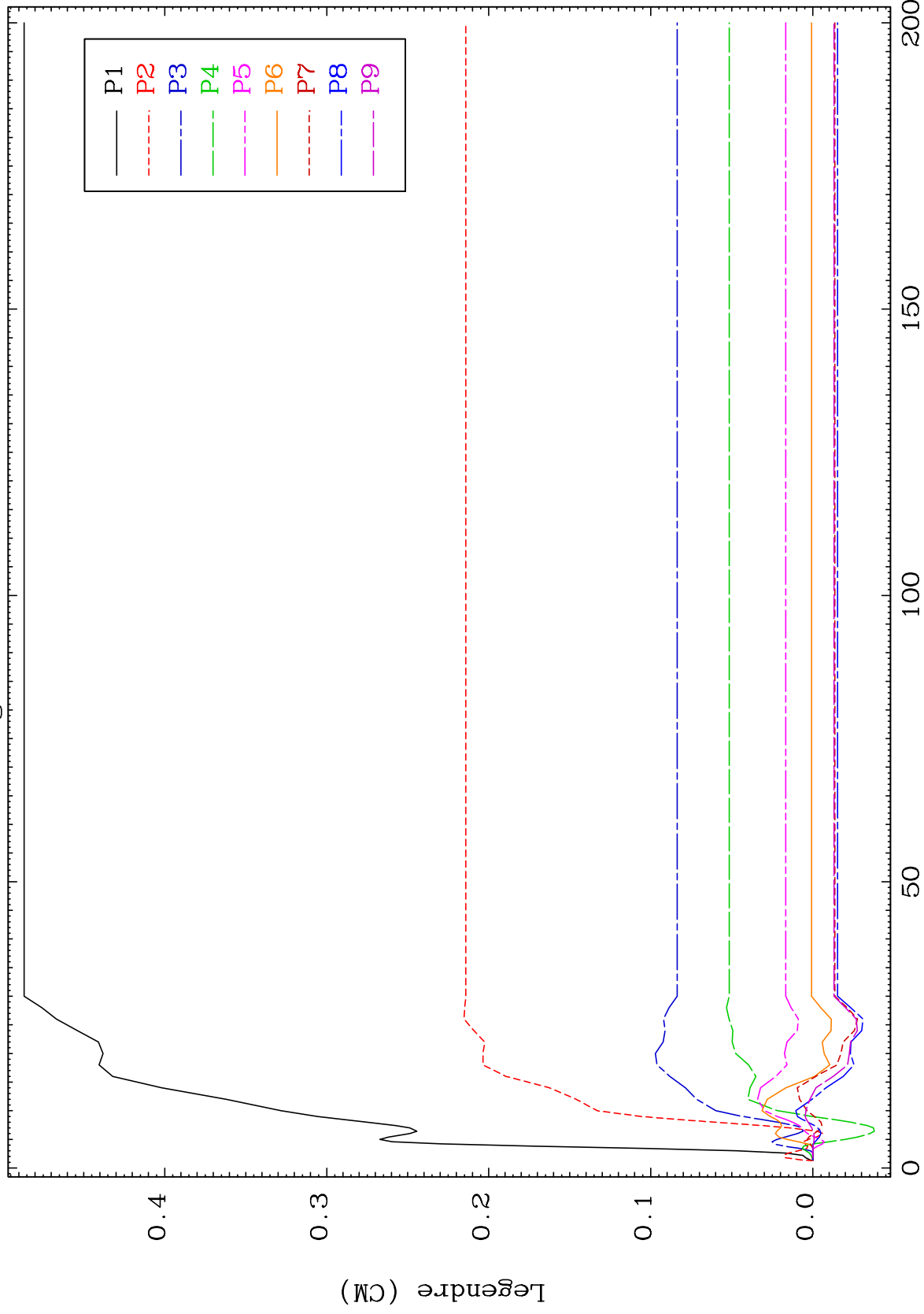
71-Lu-179



MAT 7137

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

71-Lu-179



88

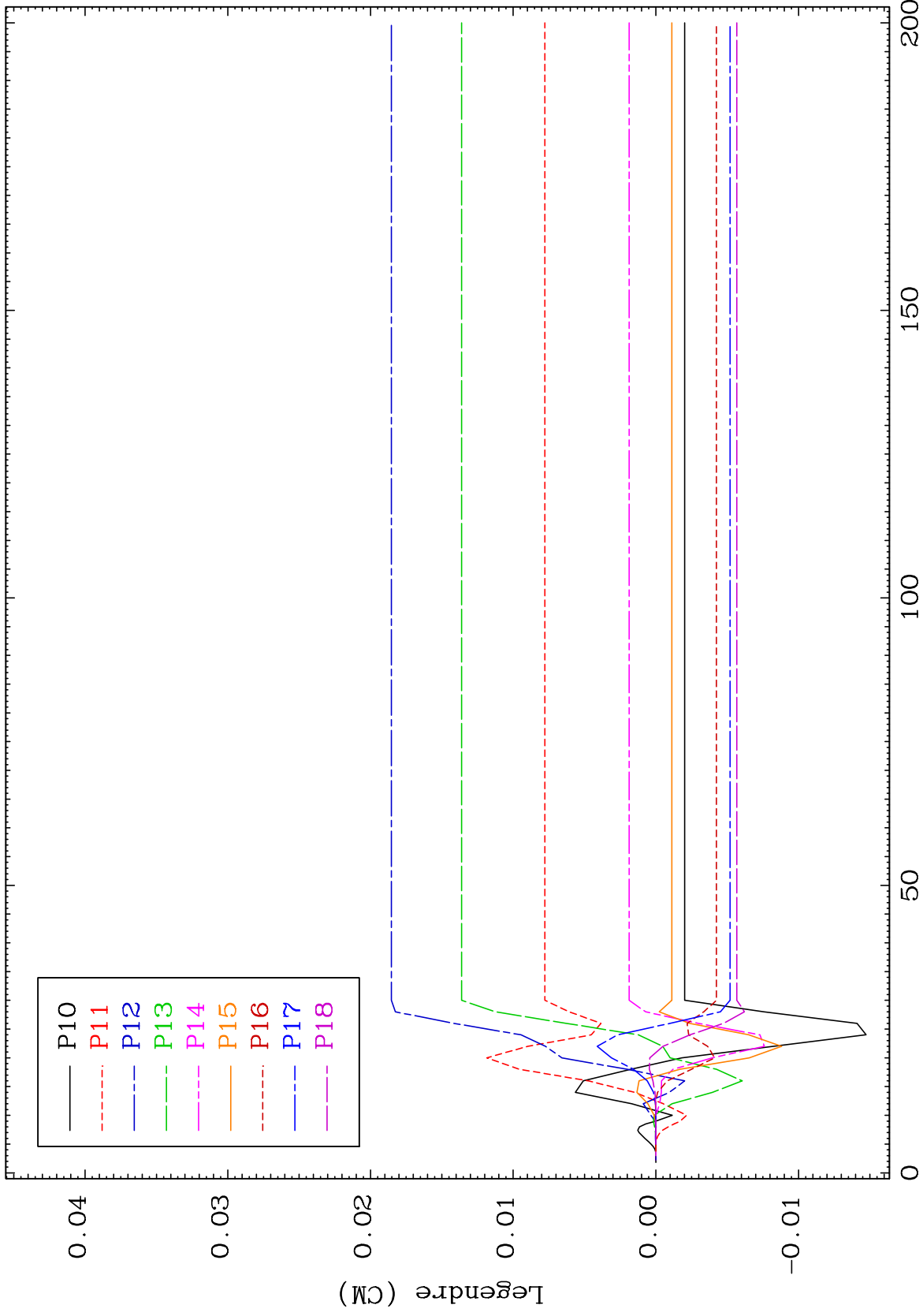
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



89

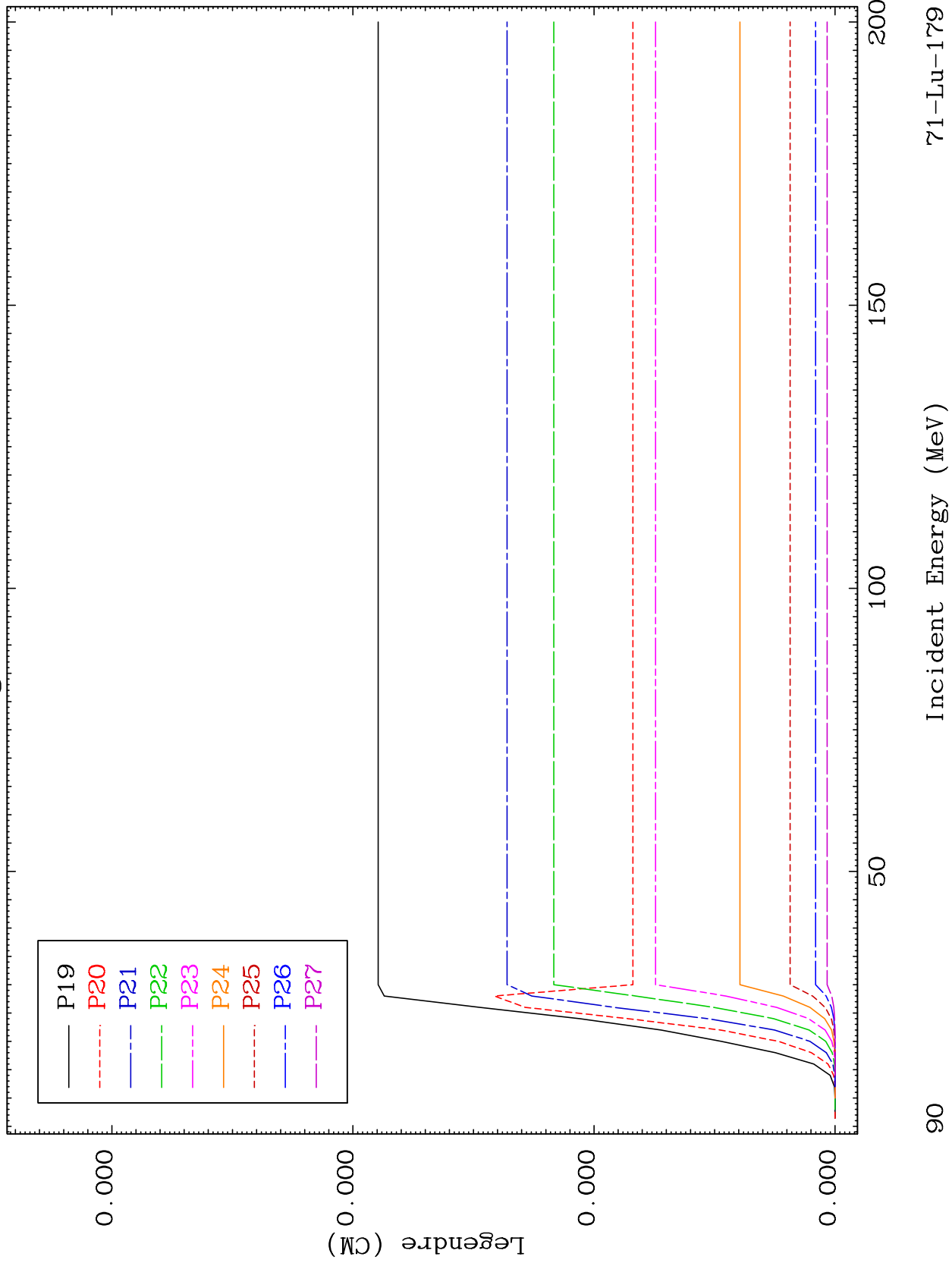
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



90

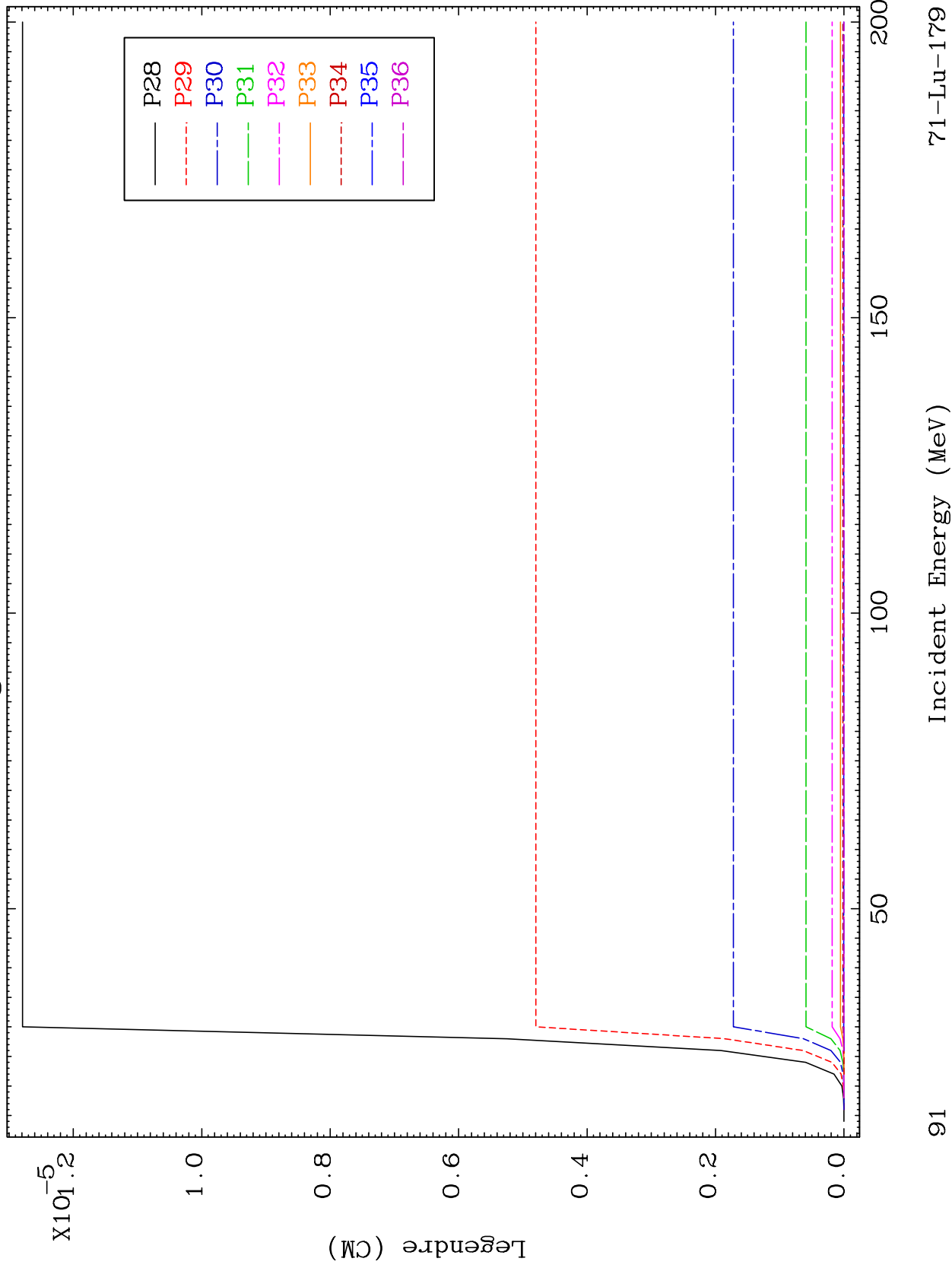
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



91

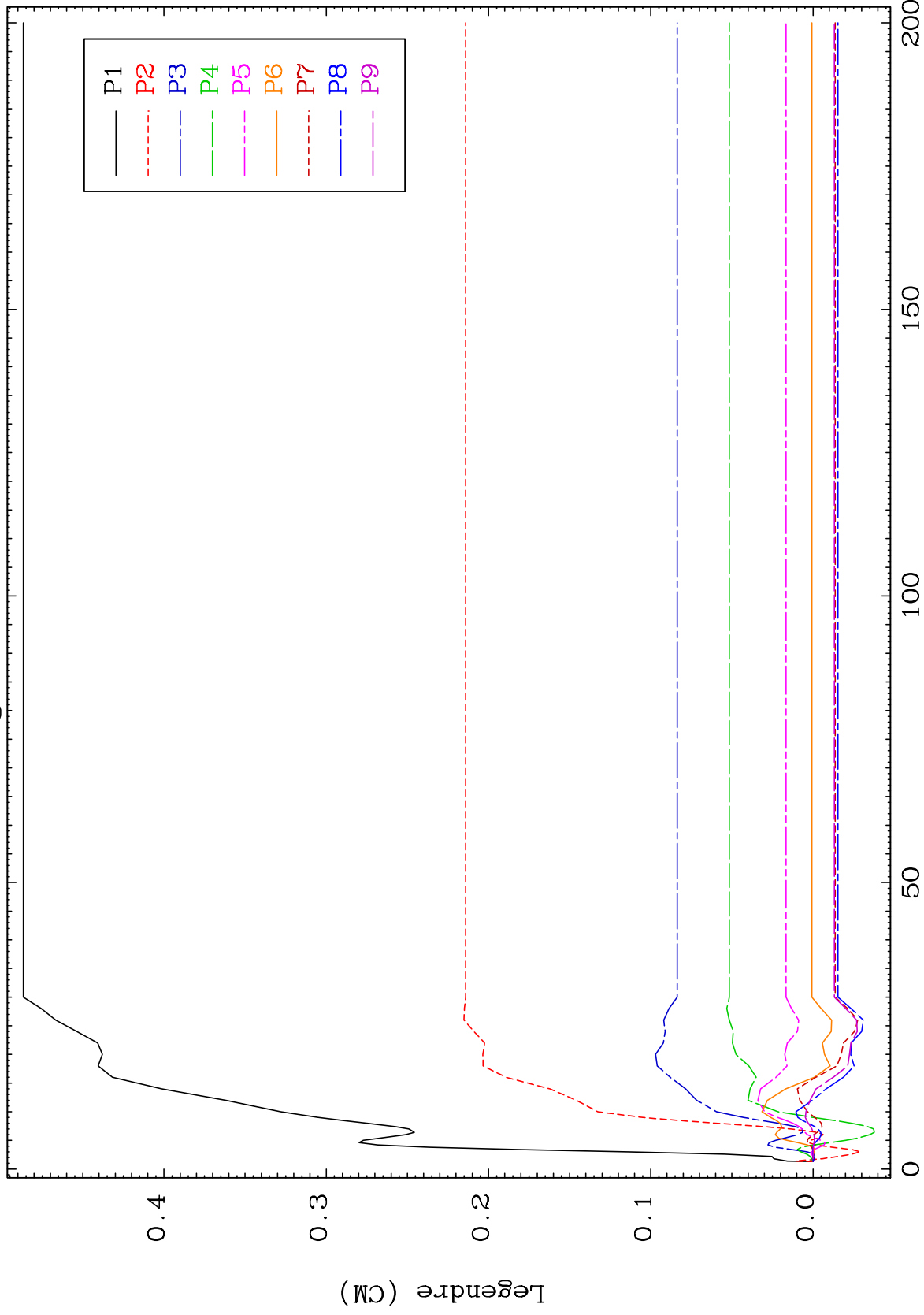
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



92

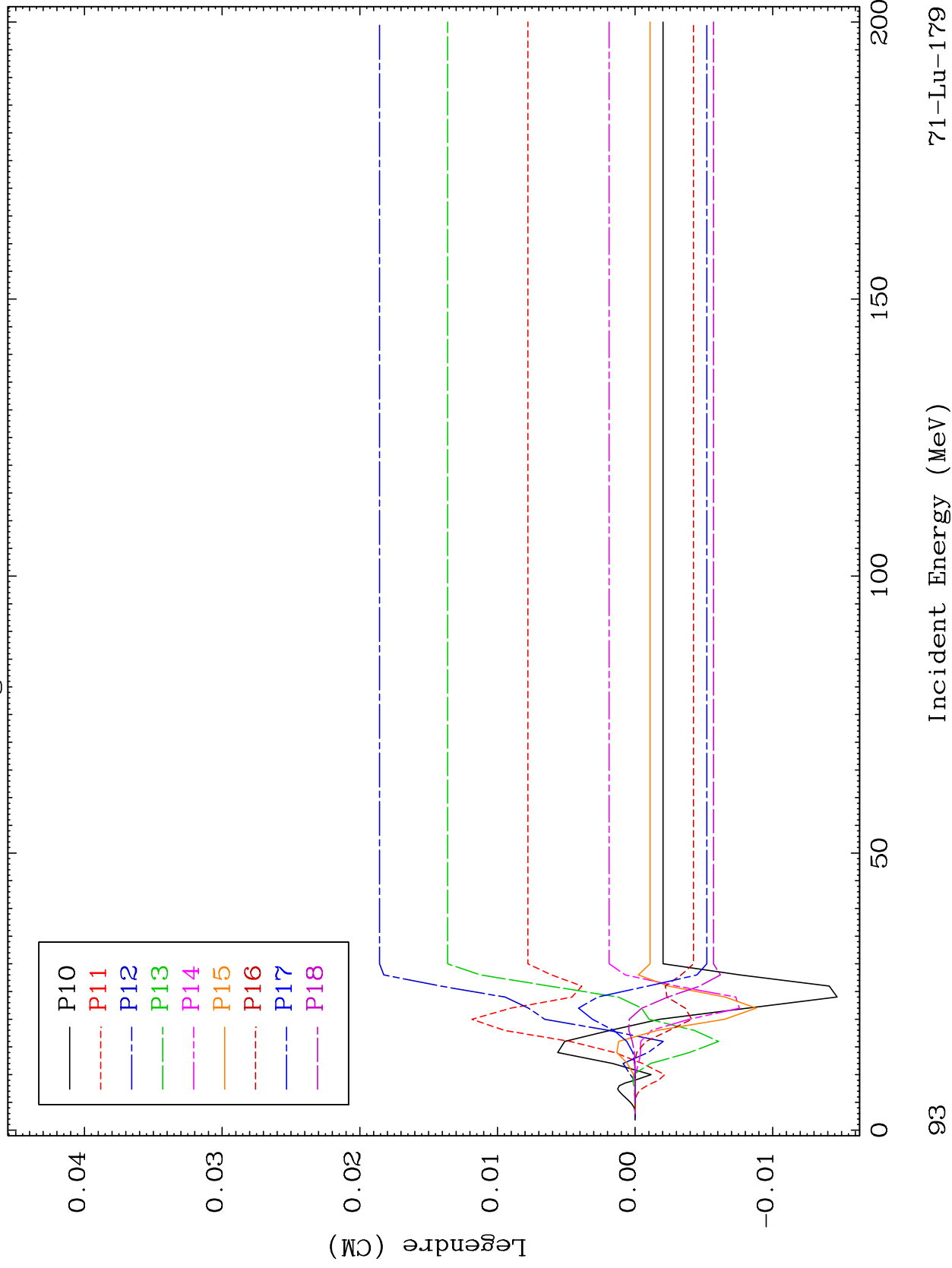
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

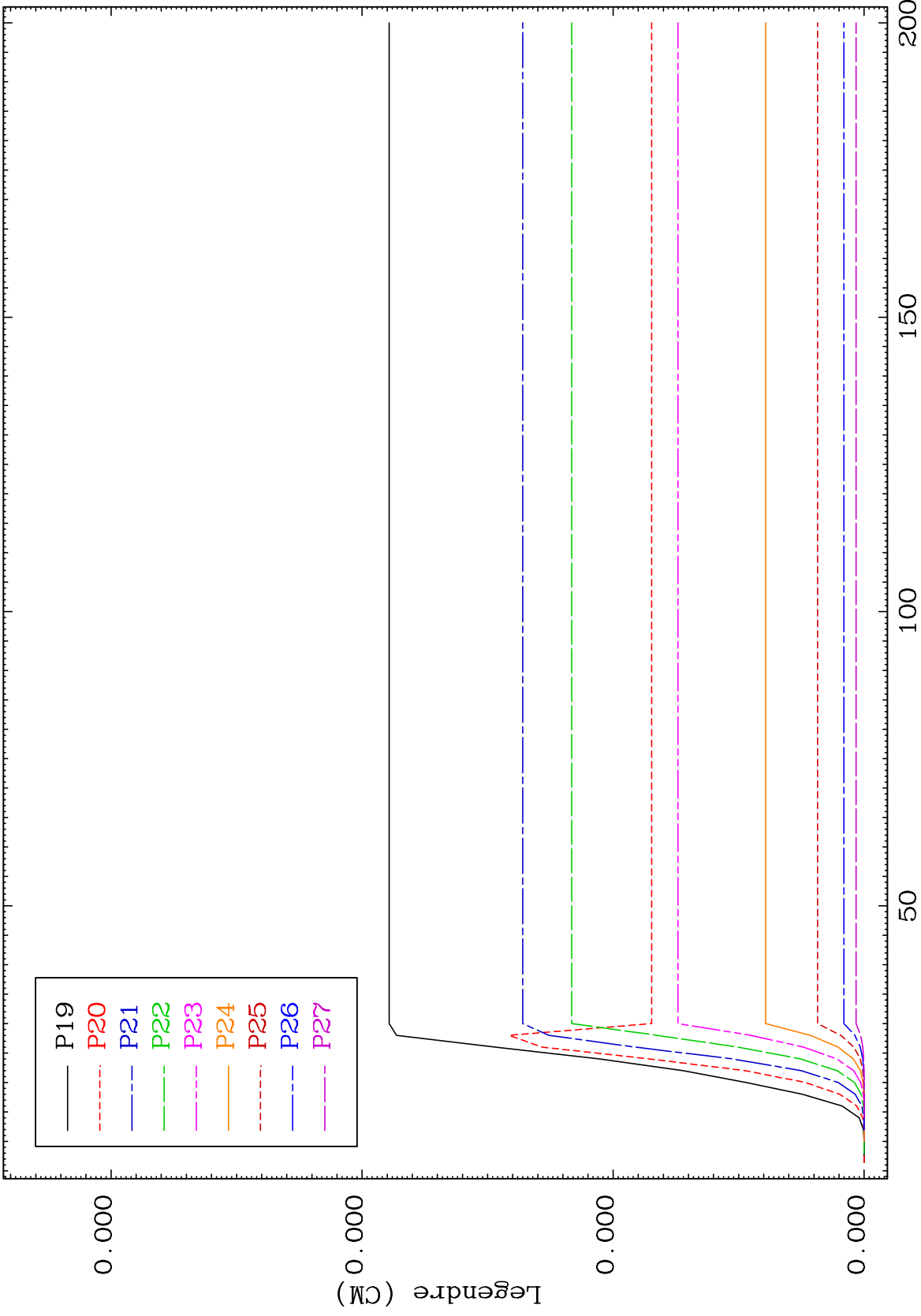
71-Lu-179



93

Incident Energy (MeV)

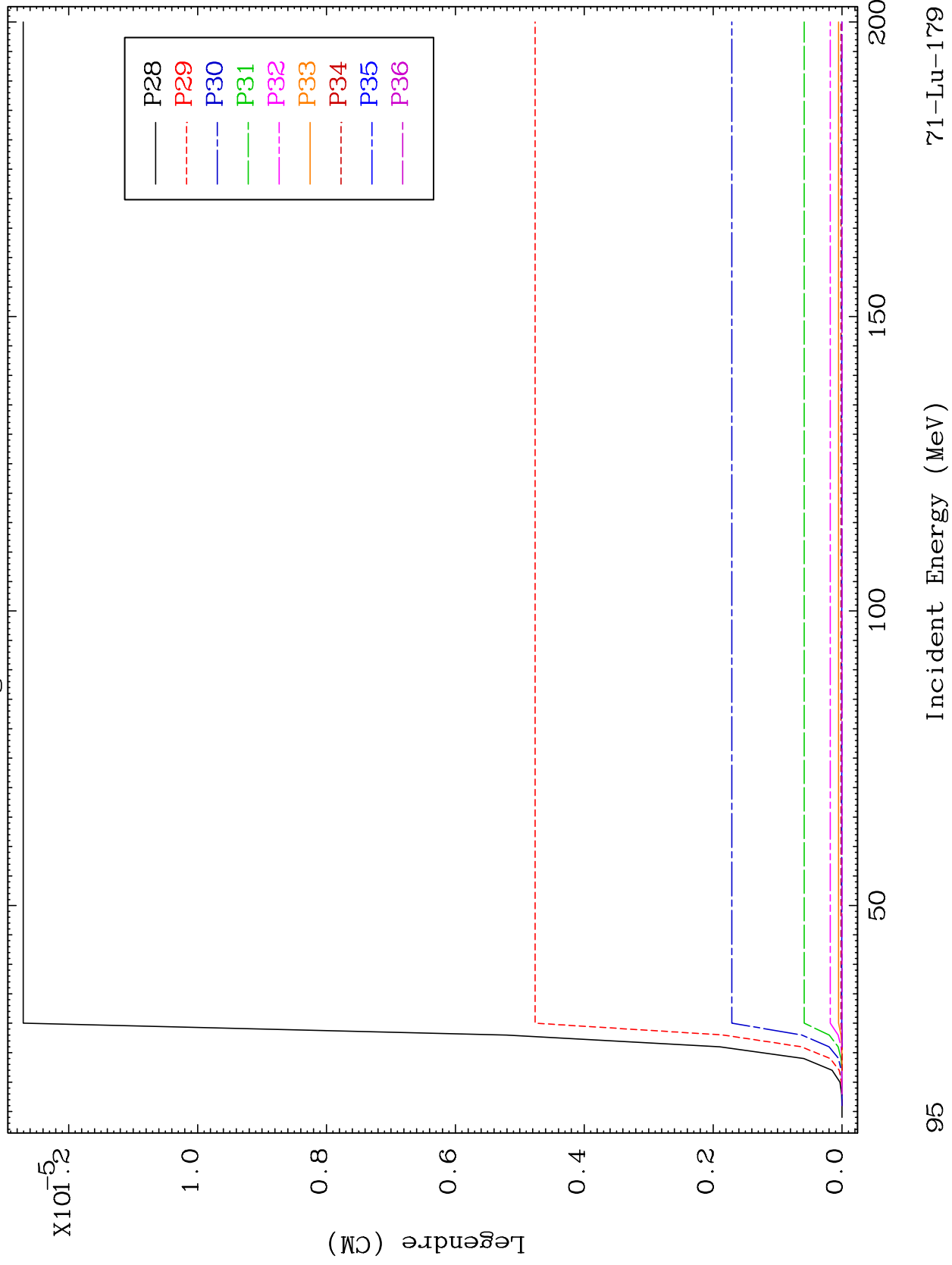
71-Lu-179



MAT 7137

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

71-Lu-179



95

Incident Energy (MeV)

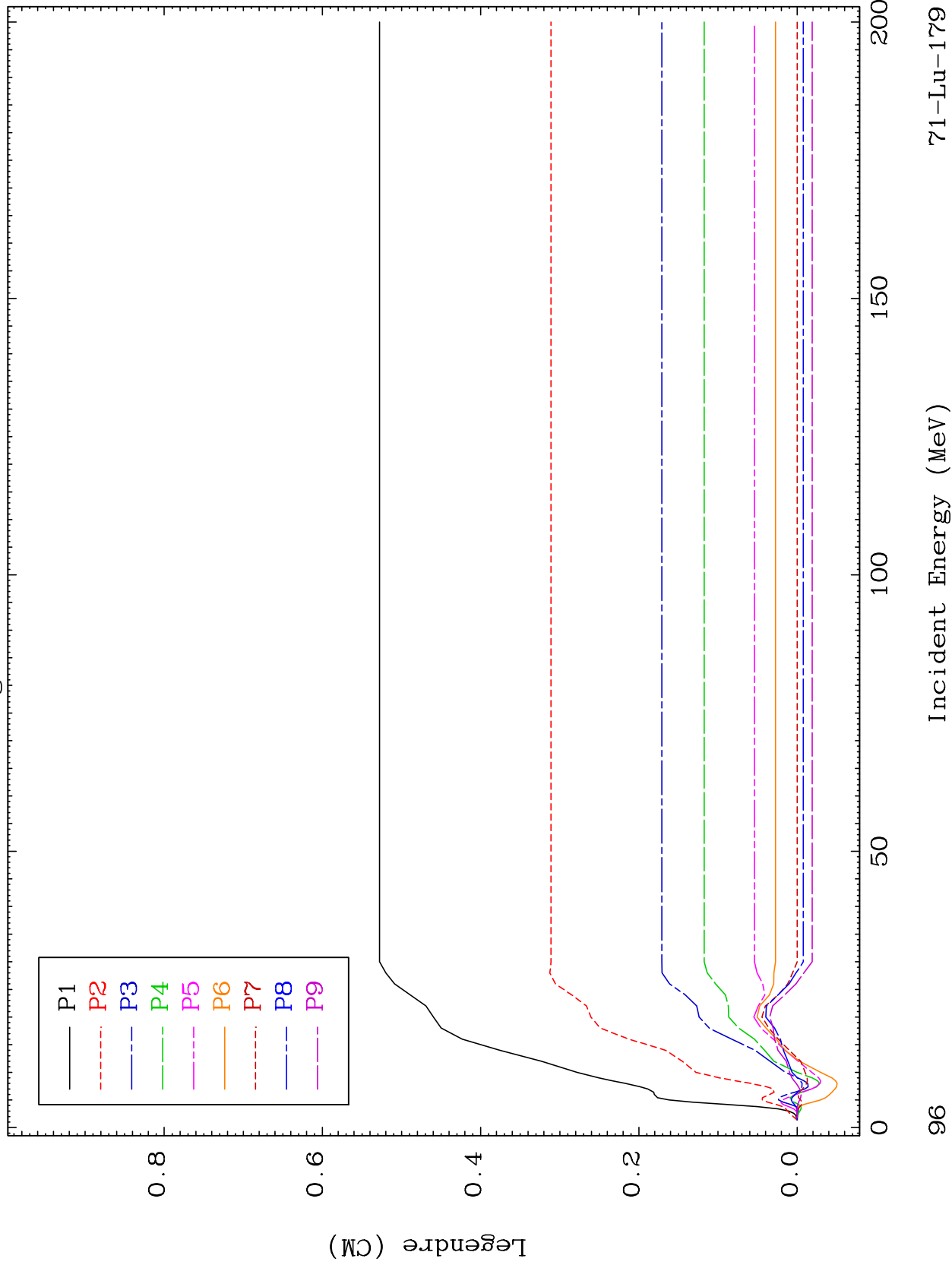
71-Lu-179



MAT 7137

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

71-Lu-179



71-Lu-179

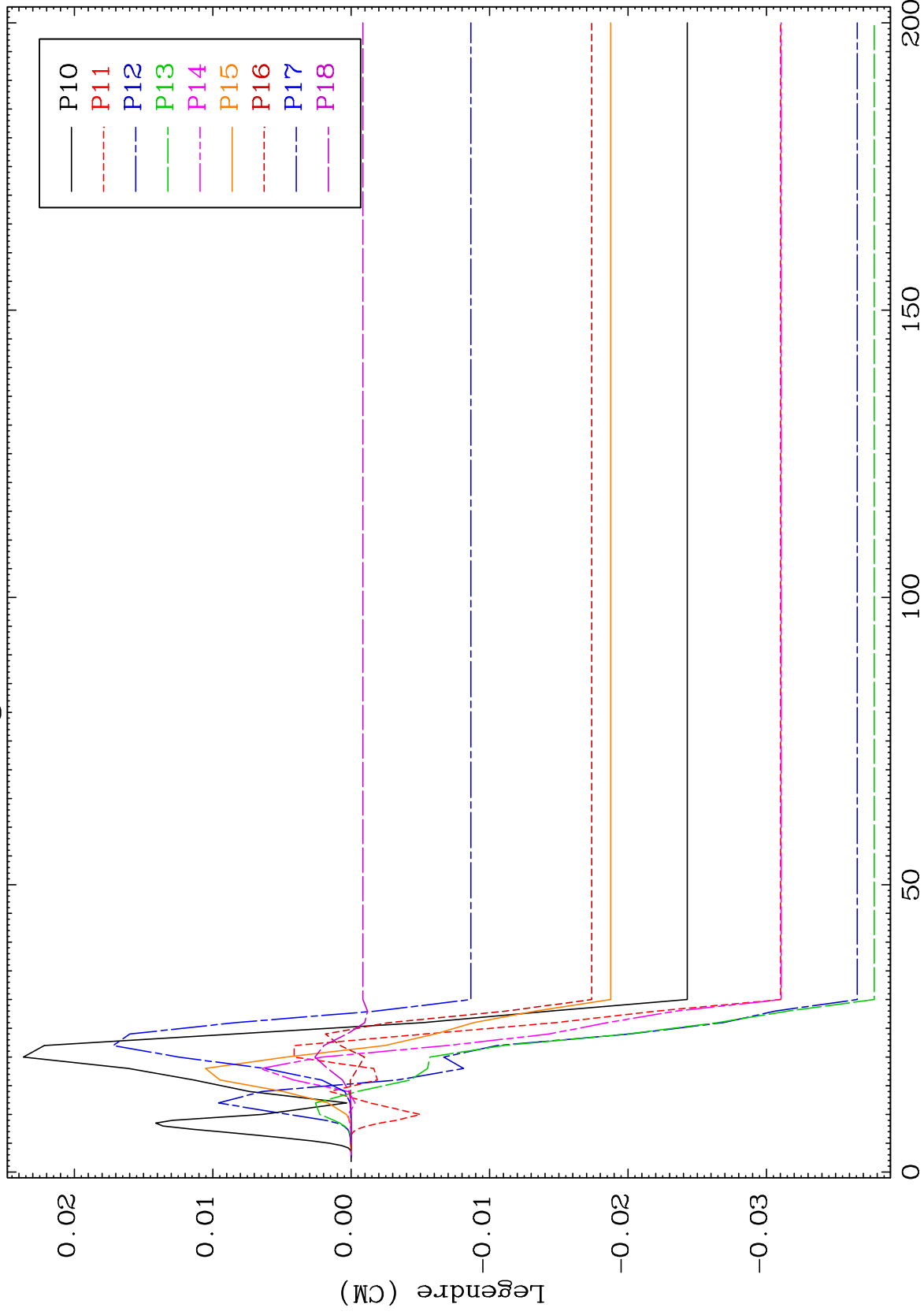
Incident Energy (MeV)

96

MAT 7137

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

71-Lu-179



97

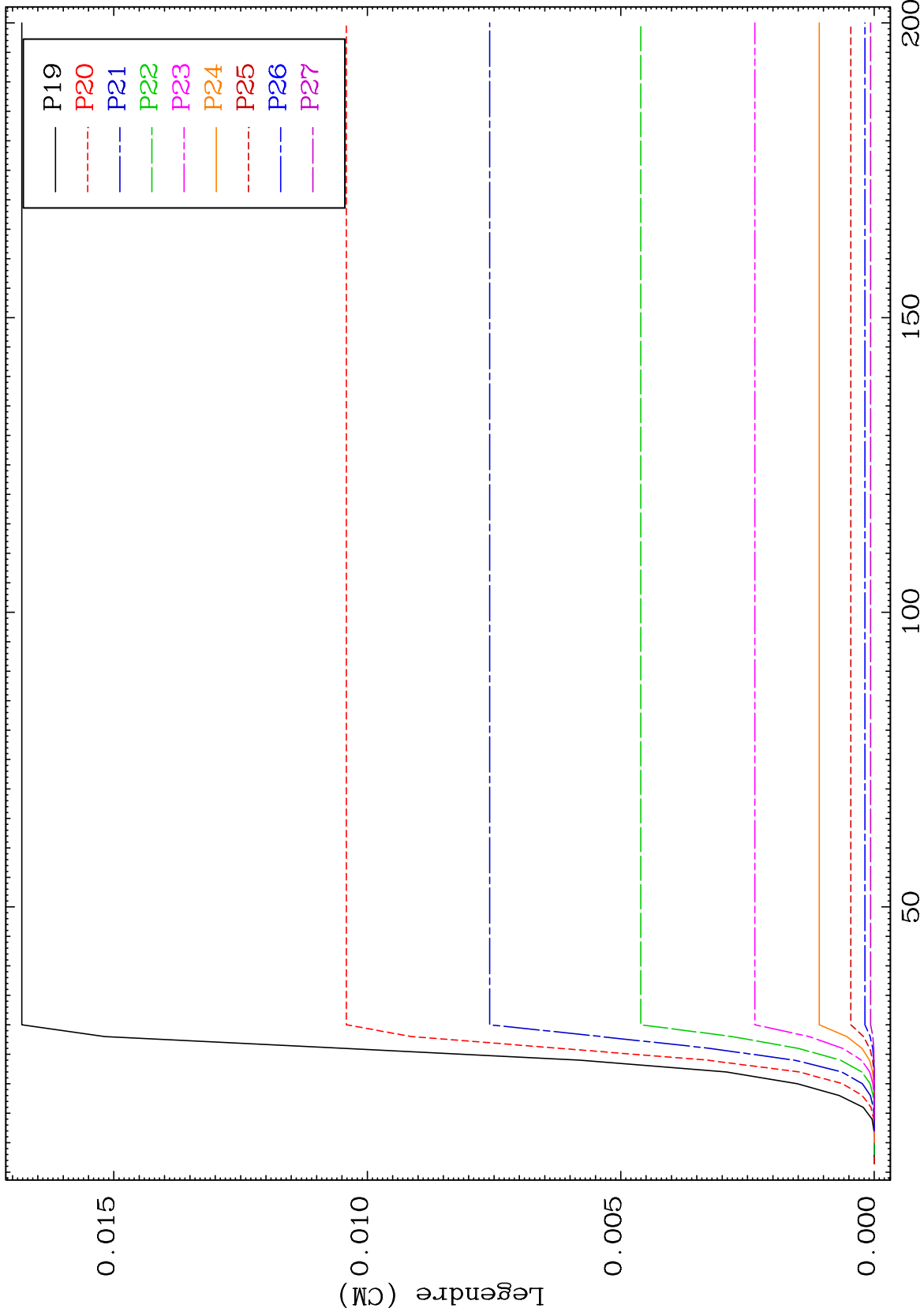
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



98

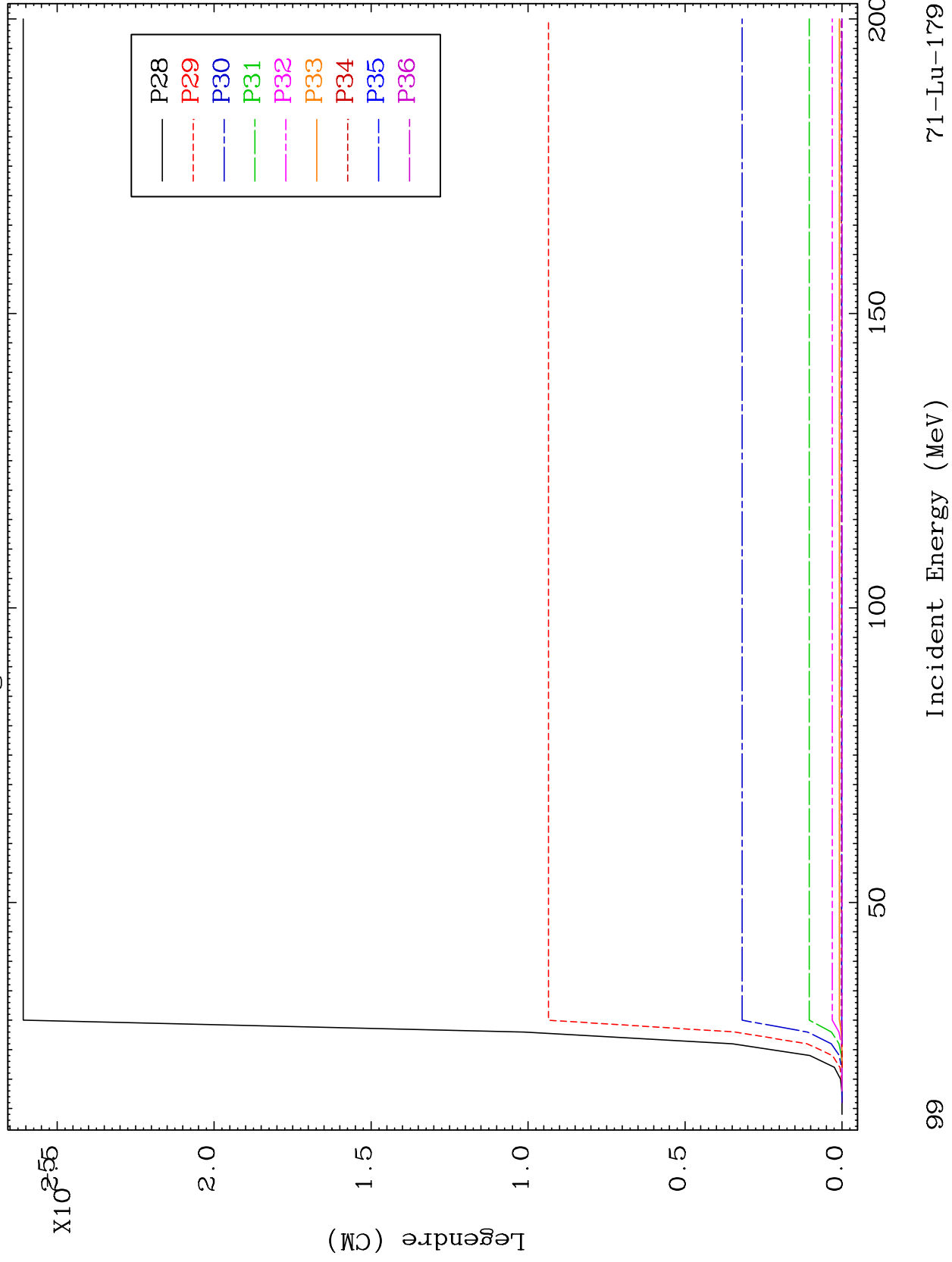
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

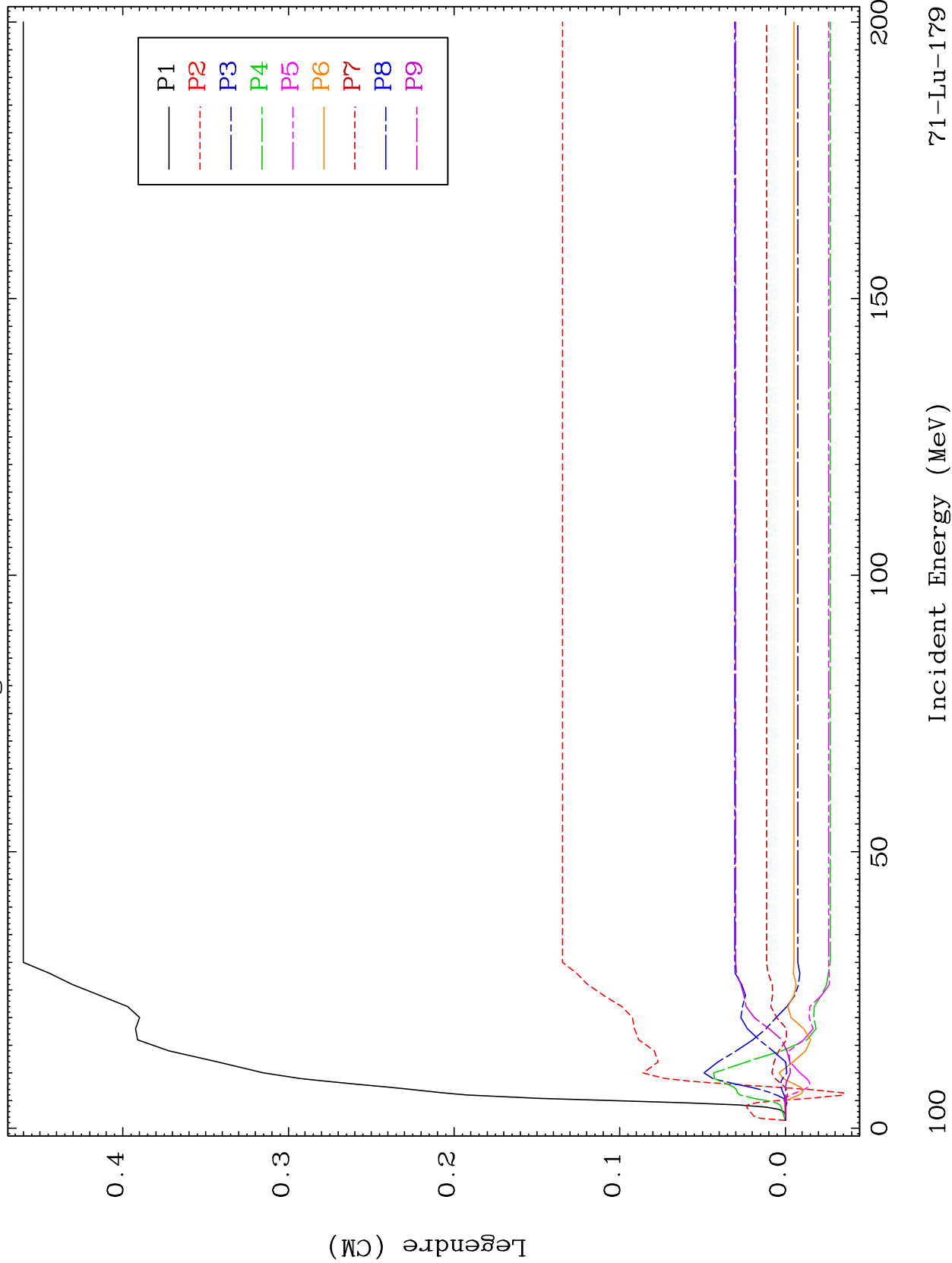
71-Lu-179



MAT 7137

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

71-Lu-179

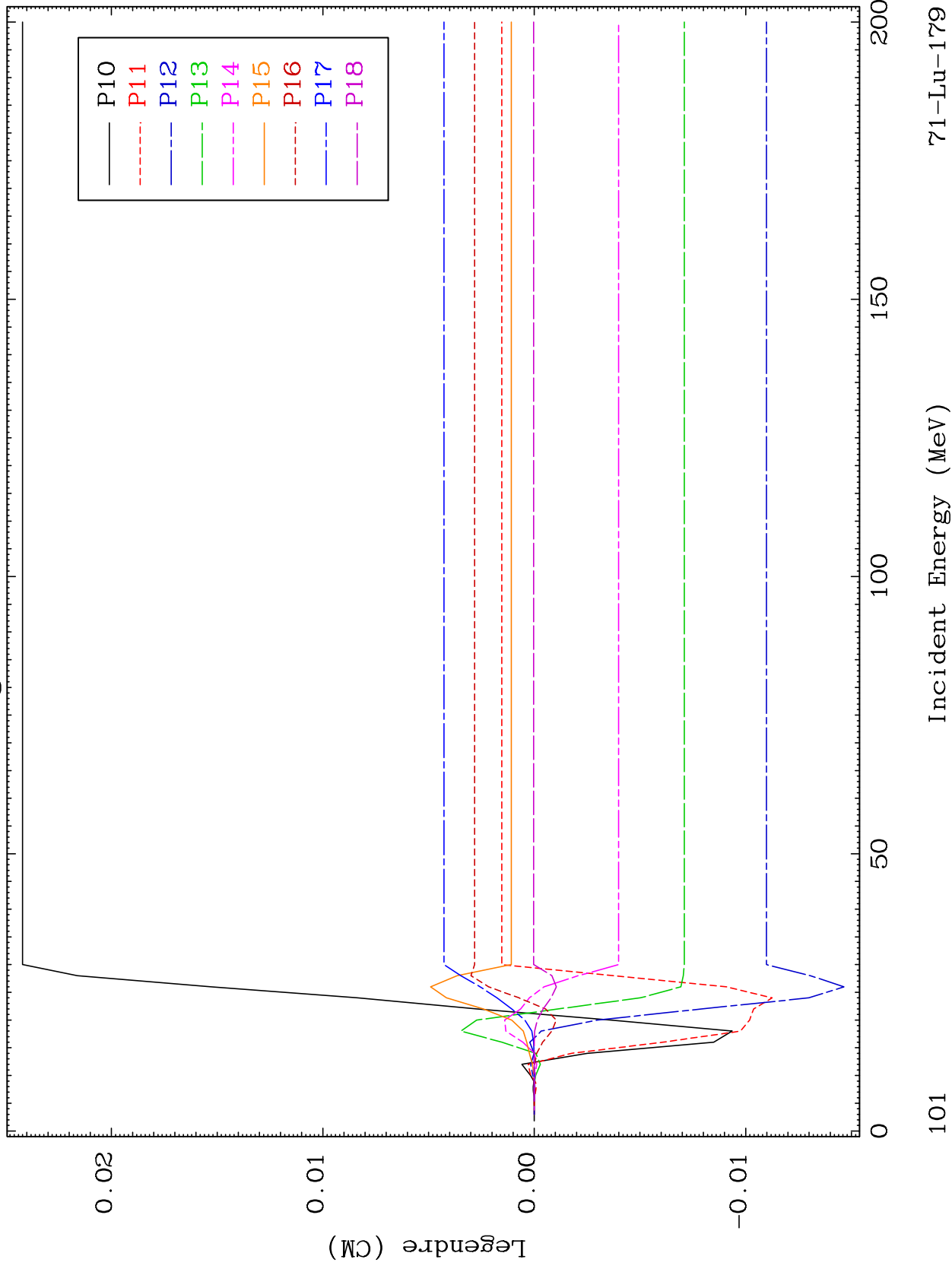


71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

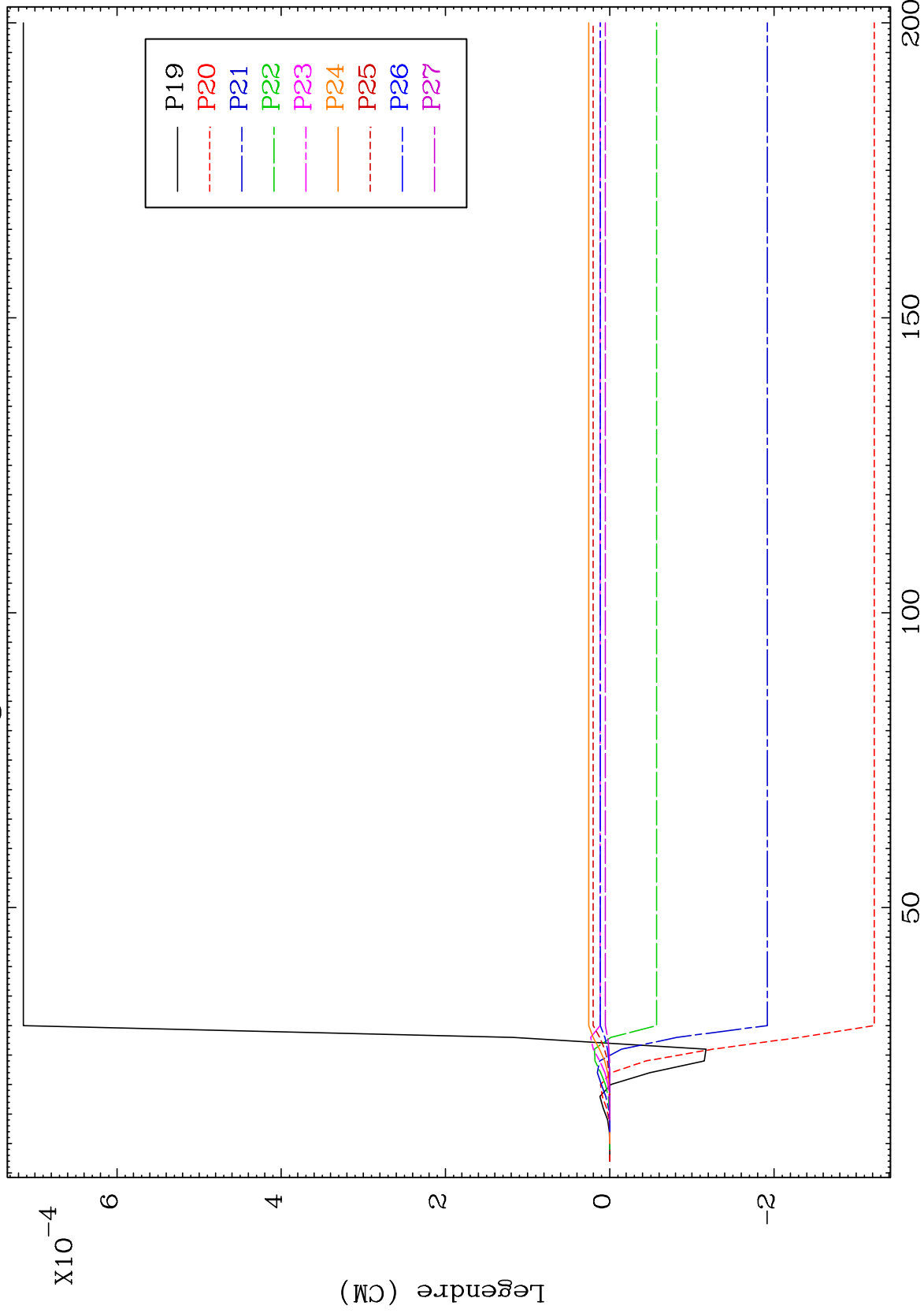
Incident Energy (MeV)

101

MAT 7137

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

71-Lu-179



102

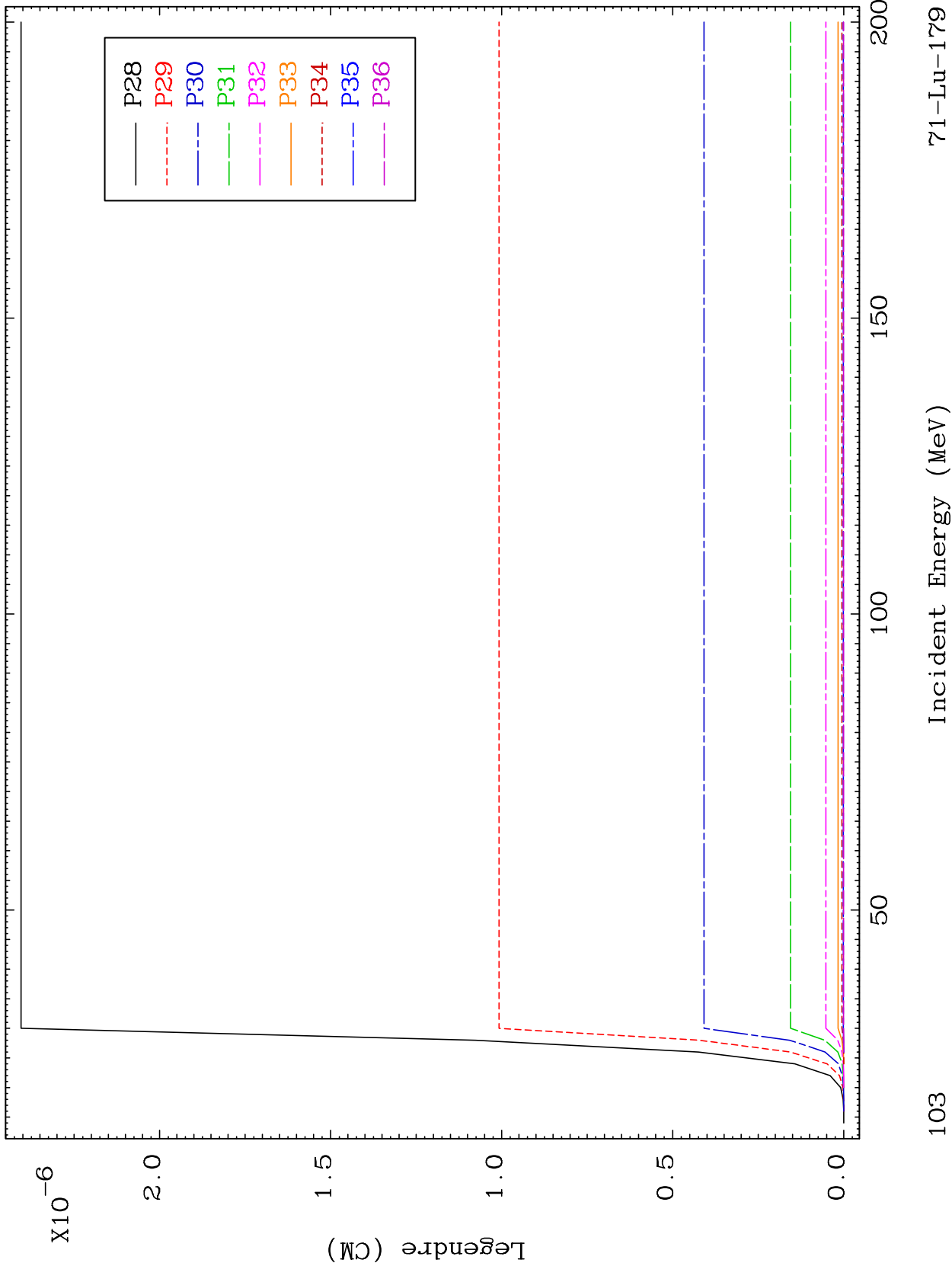
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



103

Incident Energy (MeV)

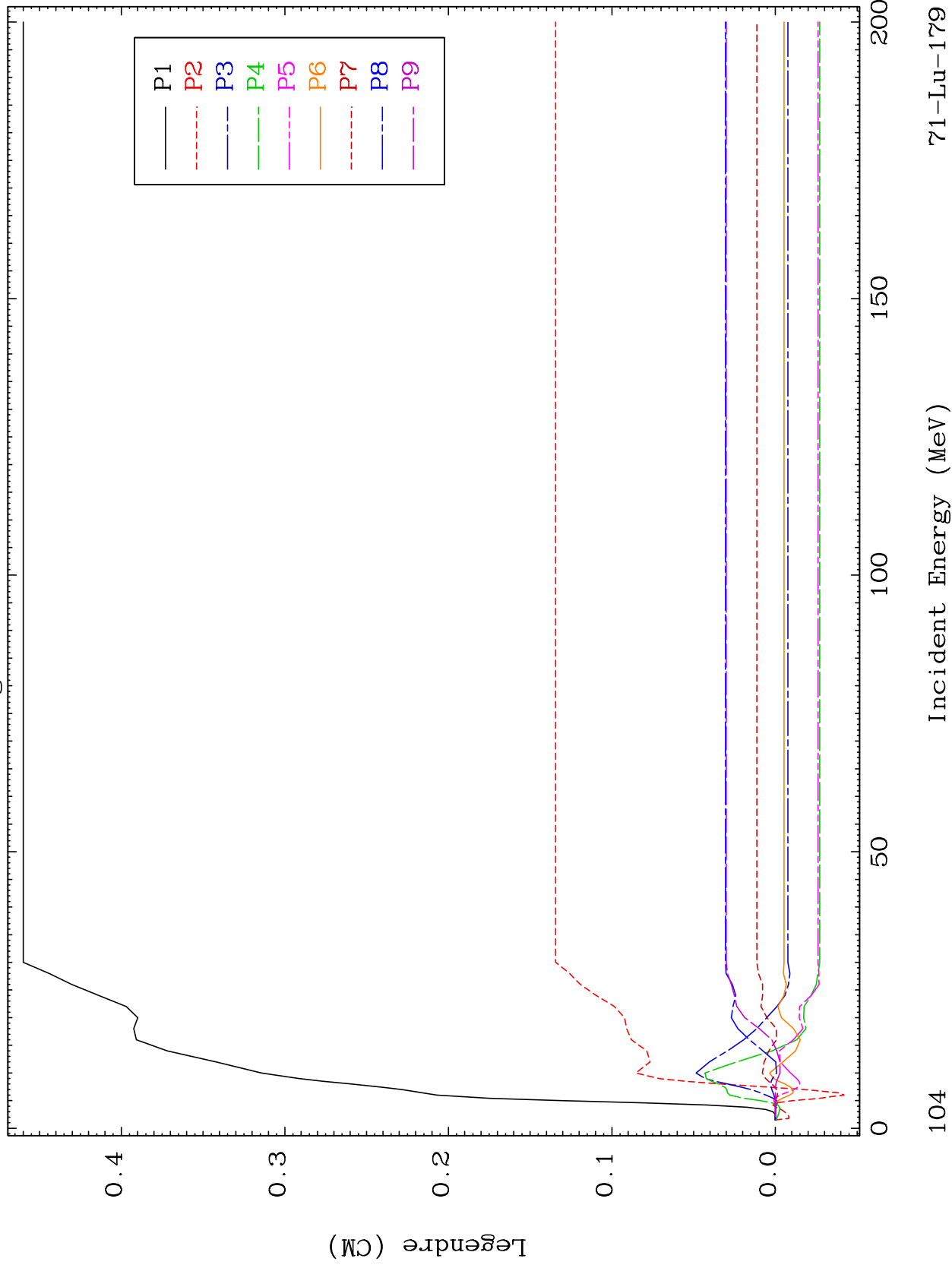
71-Lu-179



MAT 7137

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

71-Lu-179



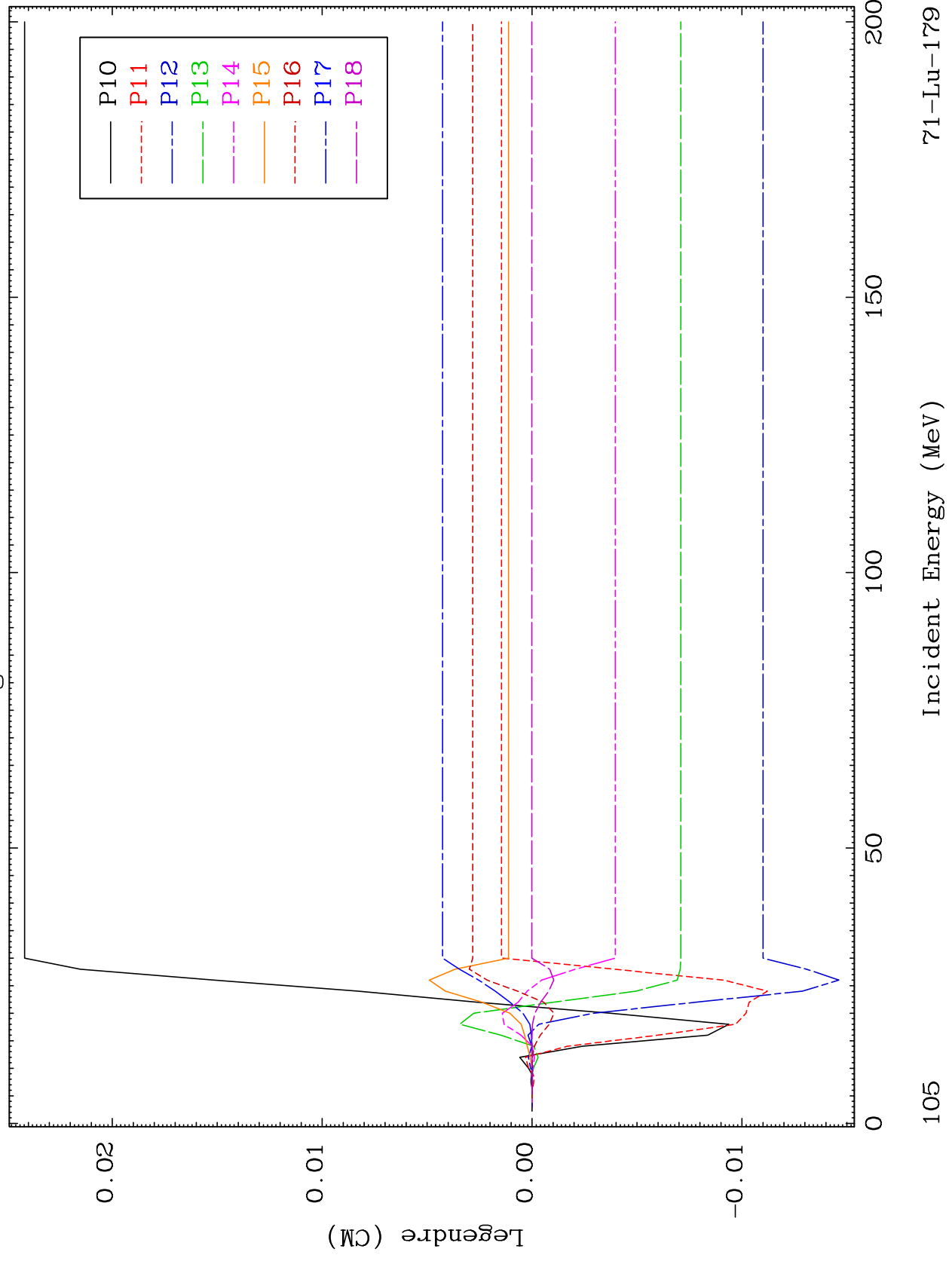
104

71-Lu-179

MAT 7137

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

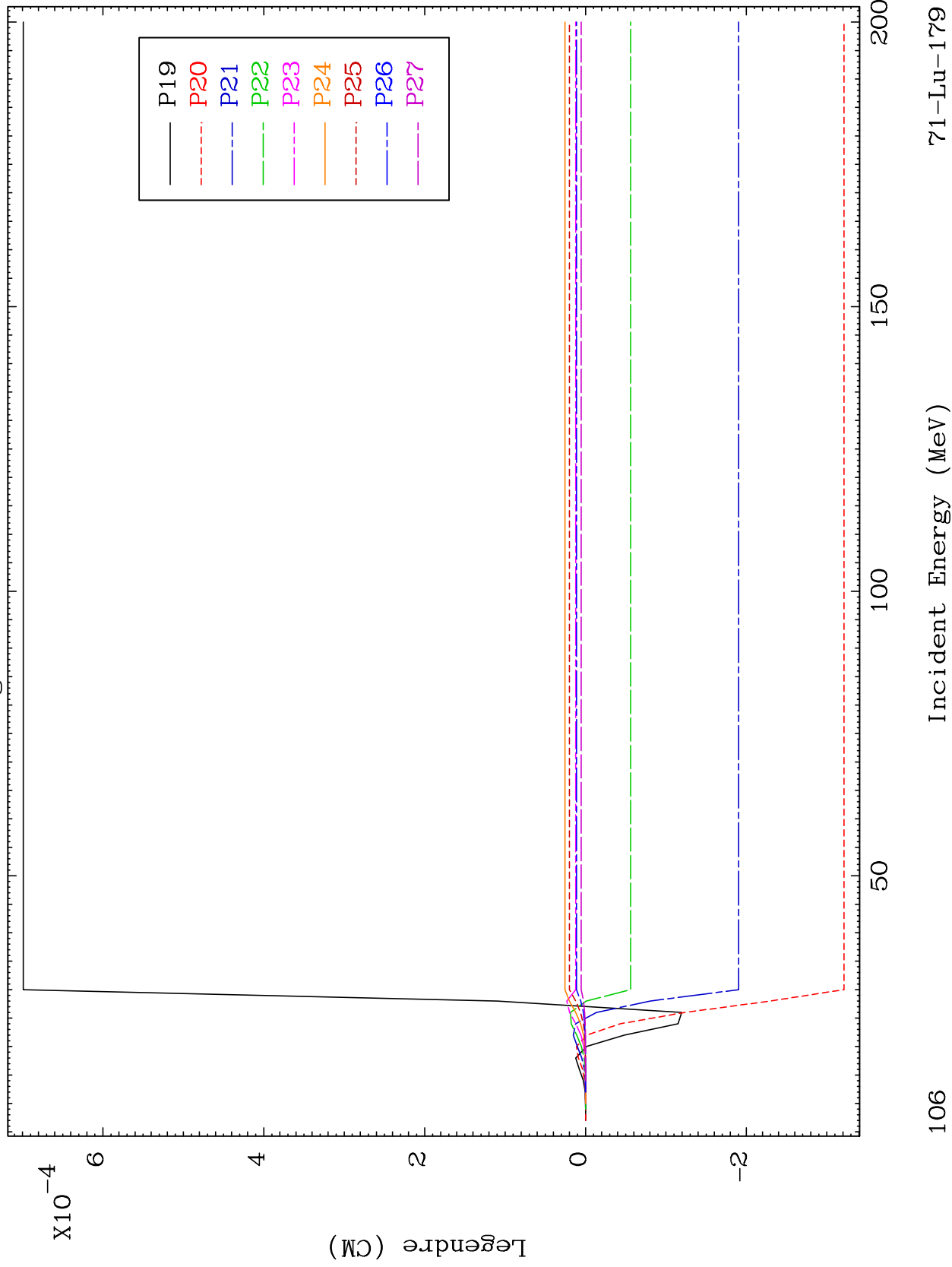
71-Lu-179



MAT 7137

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

71-Lu-179



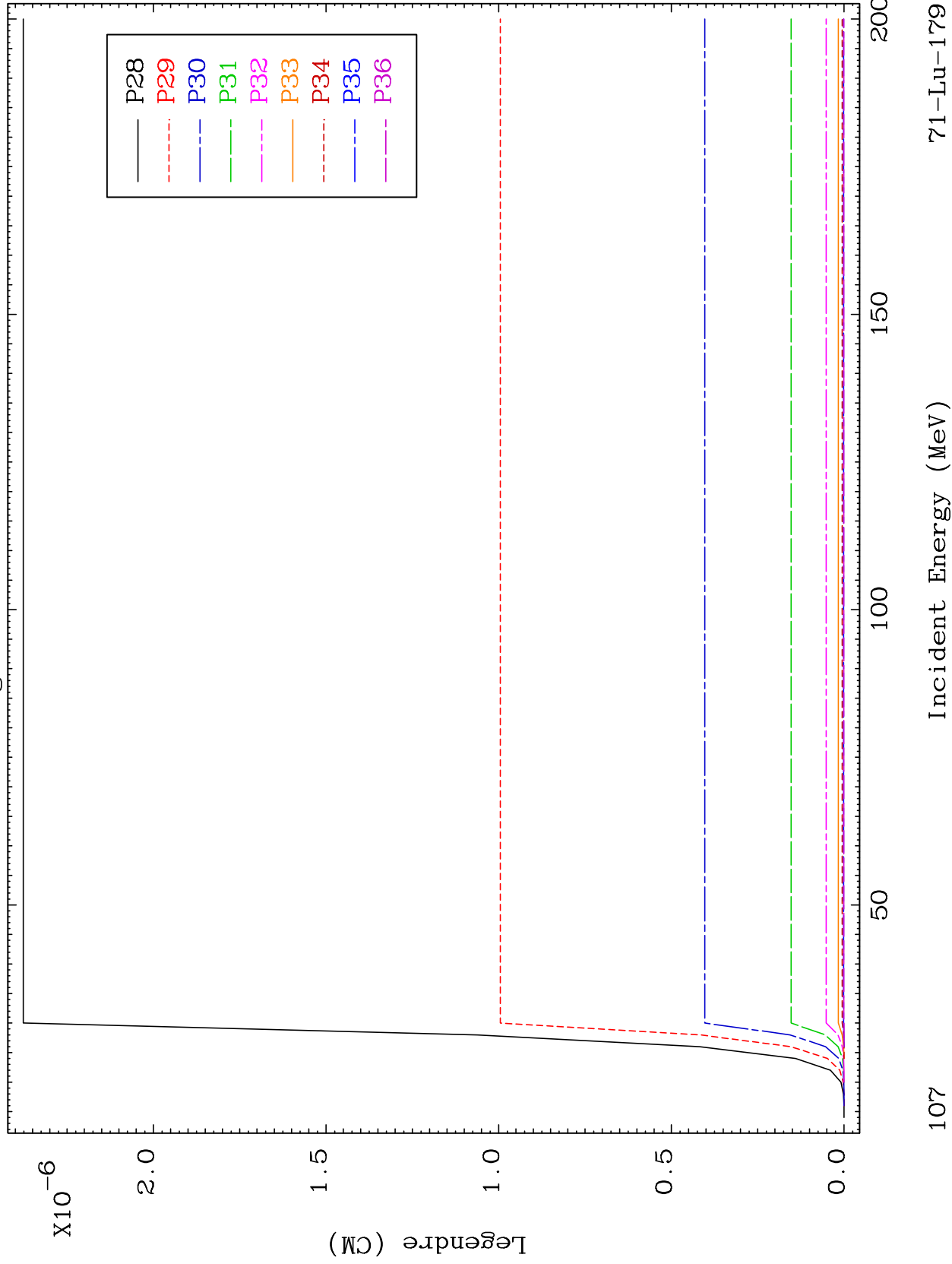
106

71-Lu-179

MAT 7137

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

71-Lu-179



107

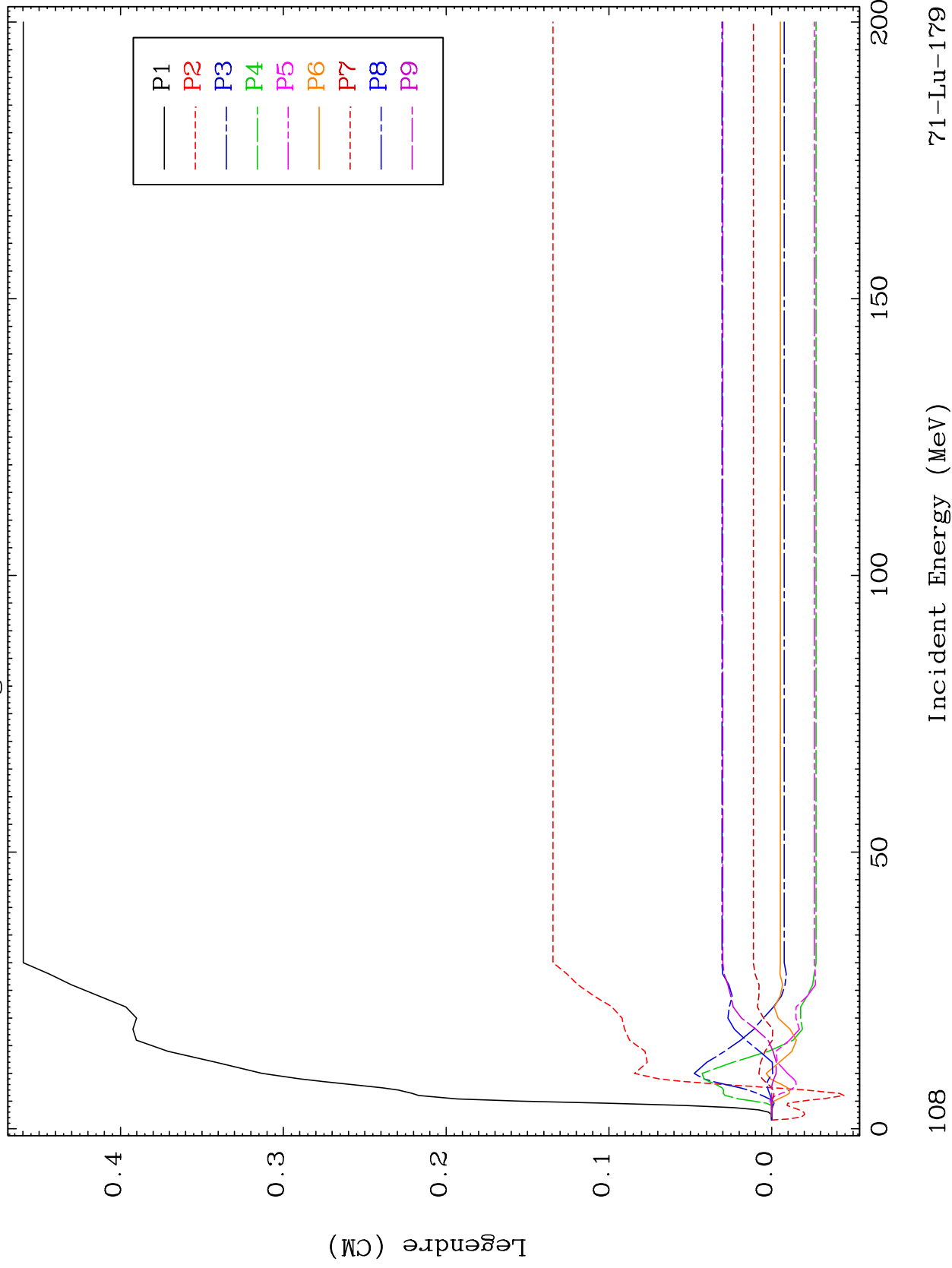
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

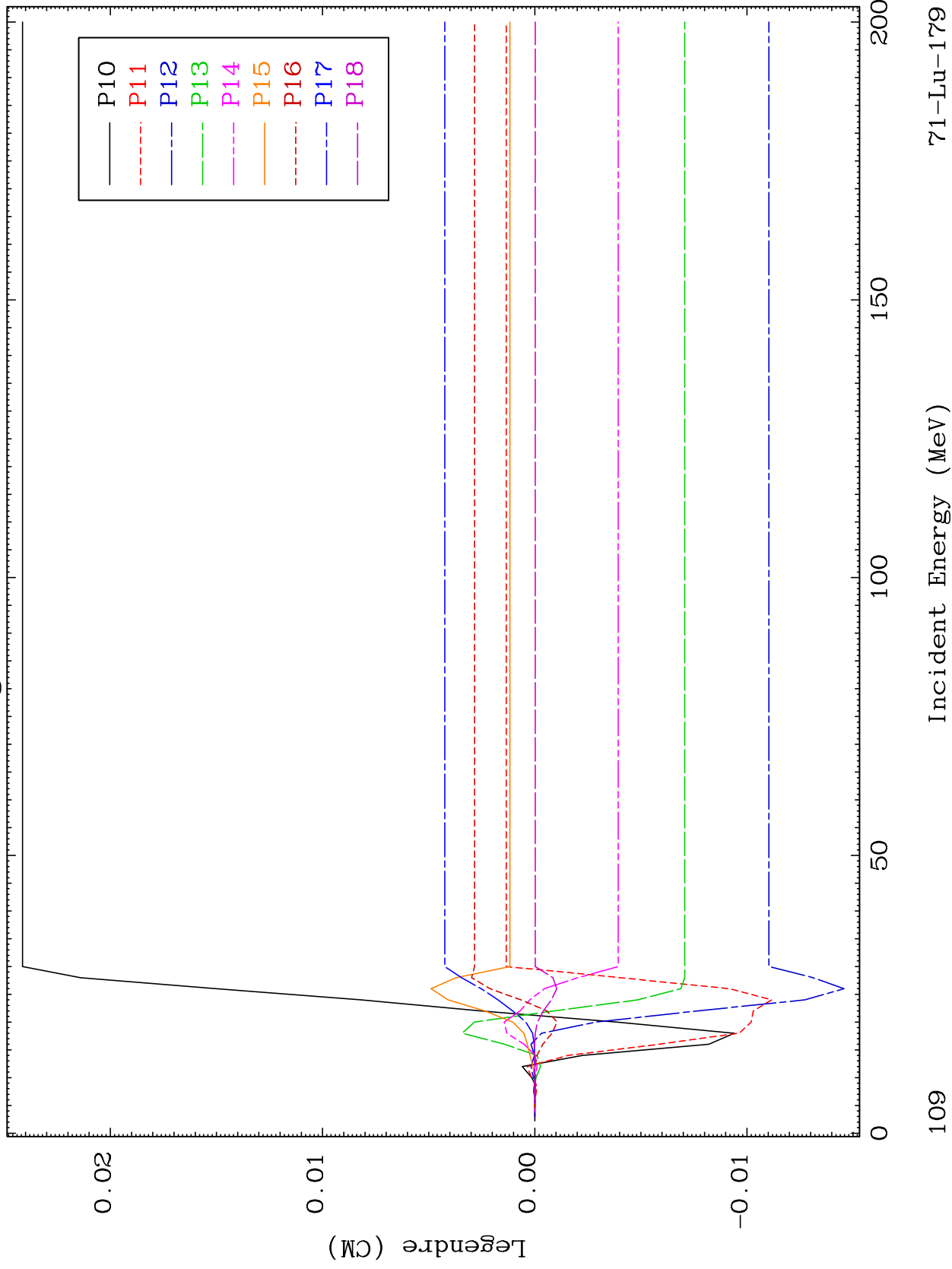
Incident Energy (MeV)

108

MAT 7137

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

71-Lu-179



71-Lu-179

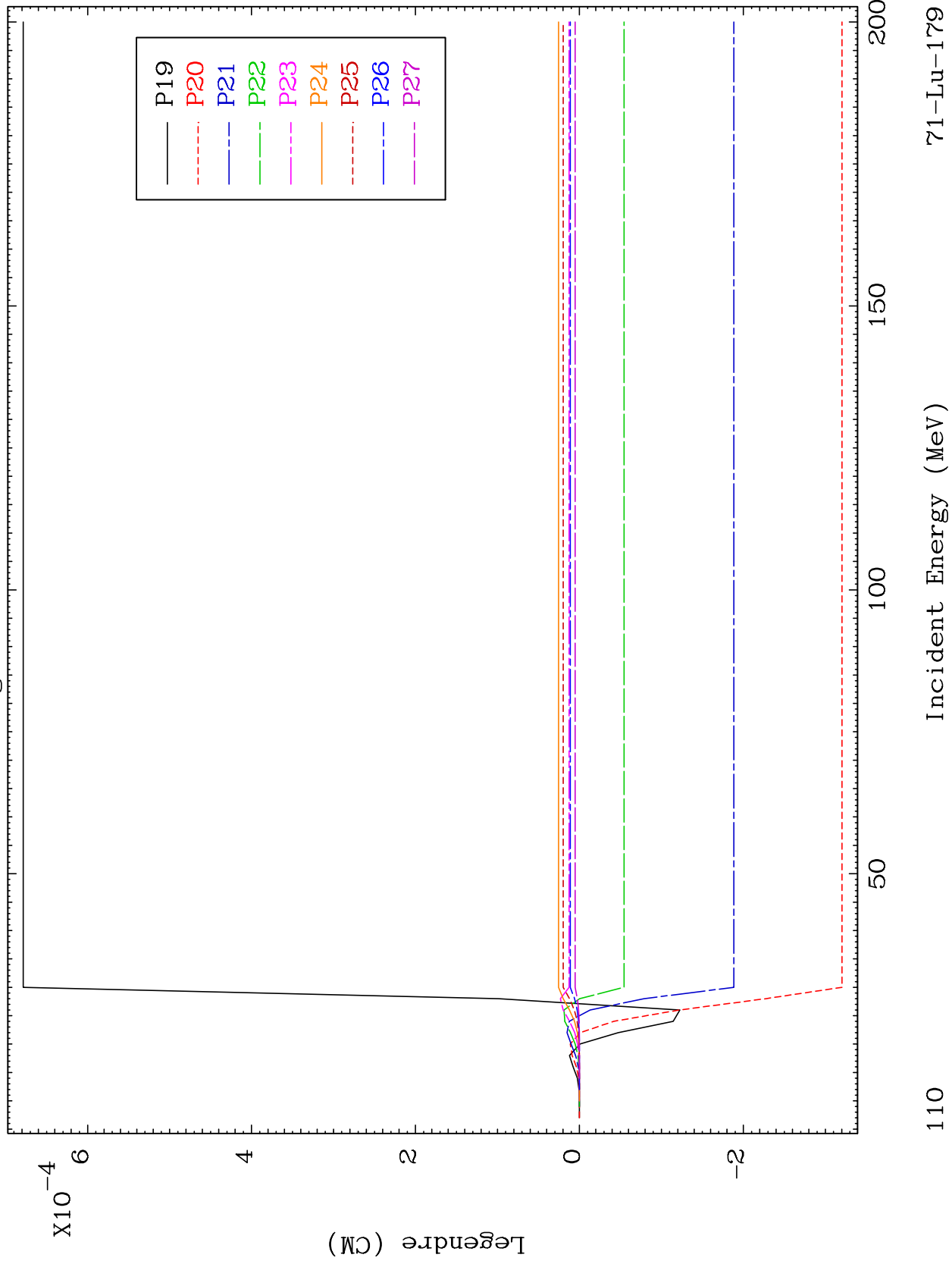
Incident Energy (MeV)

109

MAT 7137

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

71-Lu-179



110

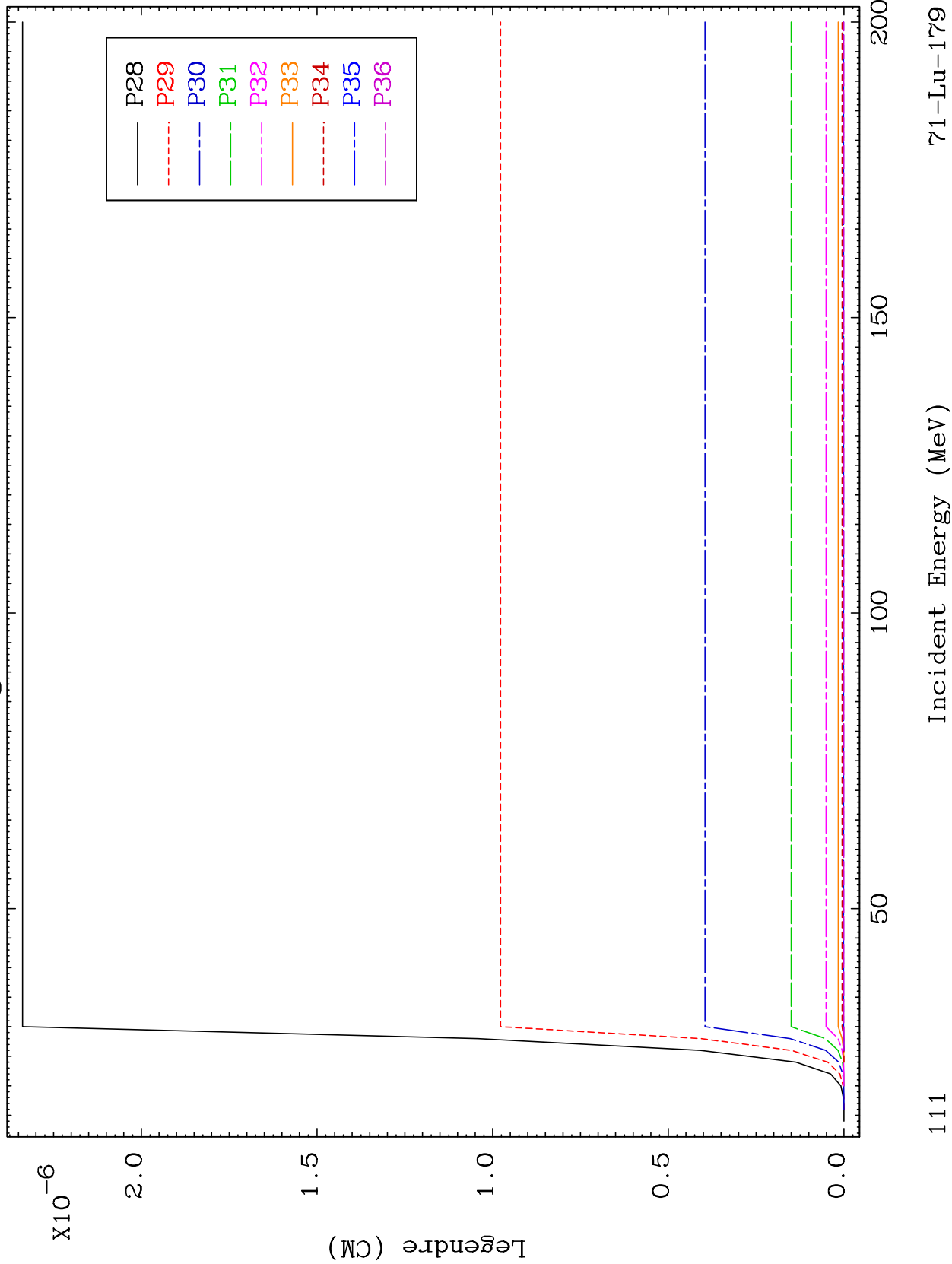
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



111

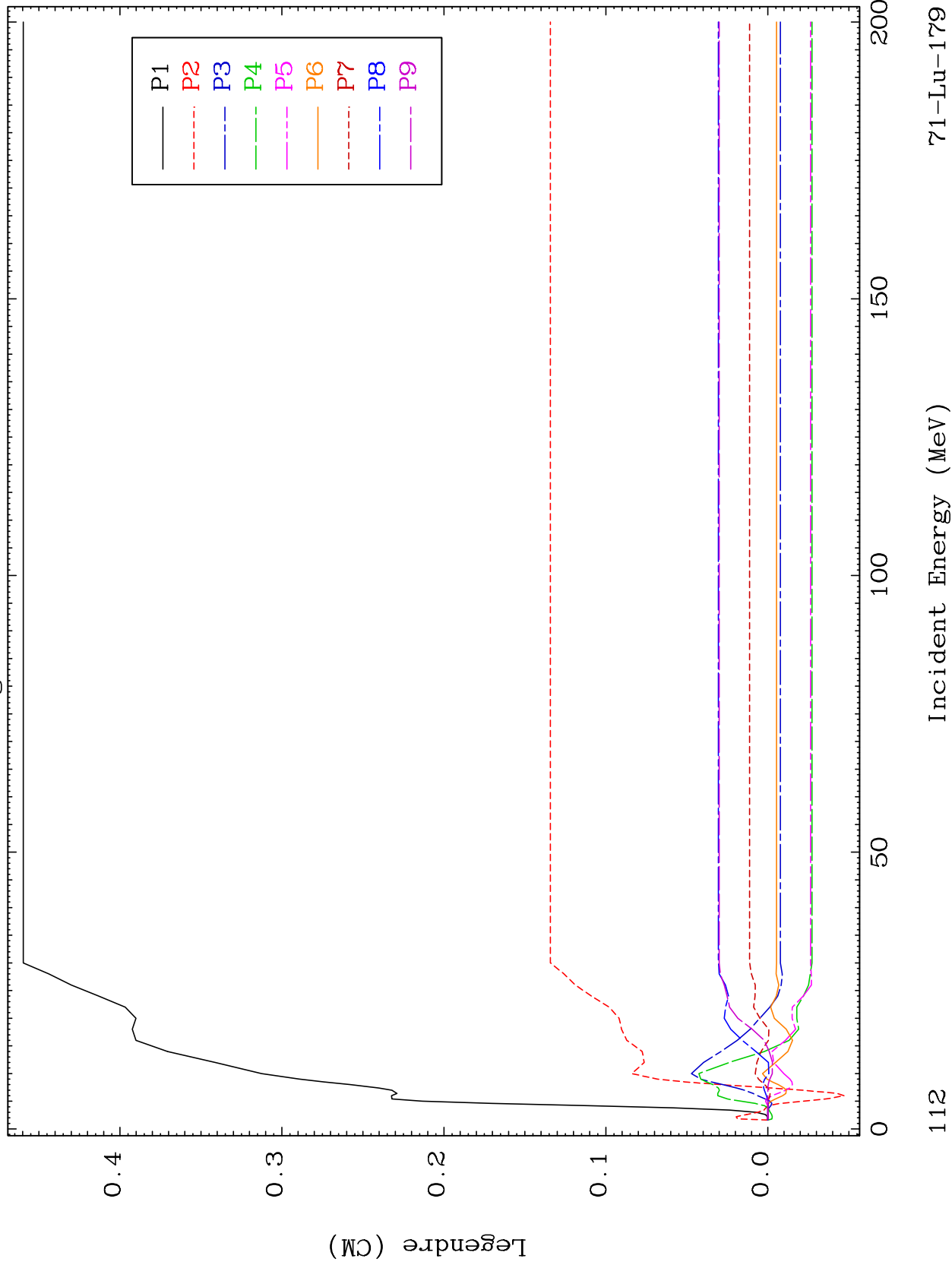
71-Lu-179



MAT 7137

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

71-Lu-179



71-Lu-179

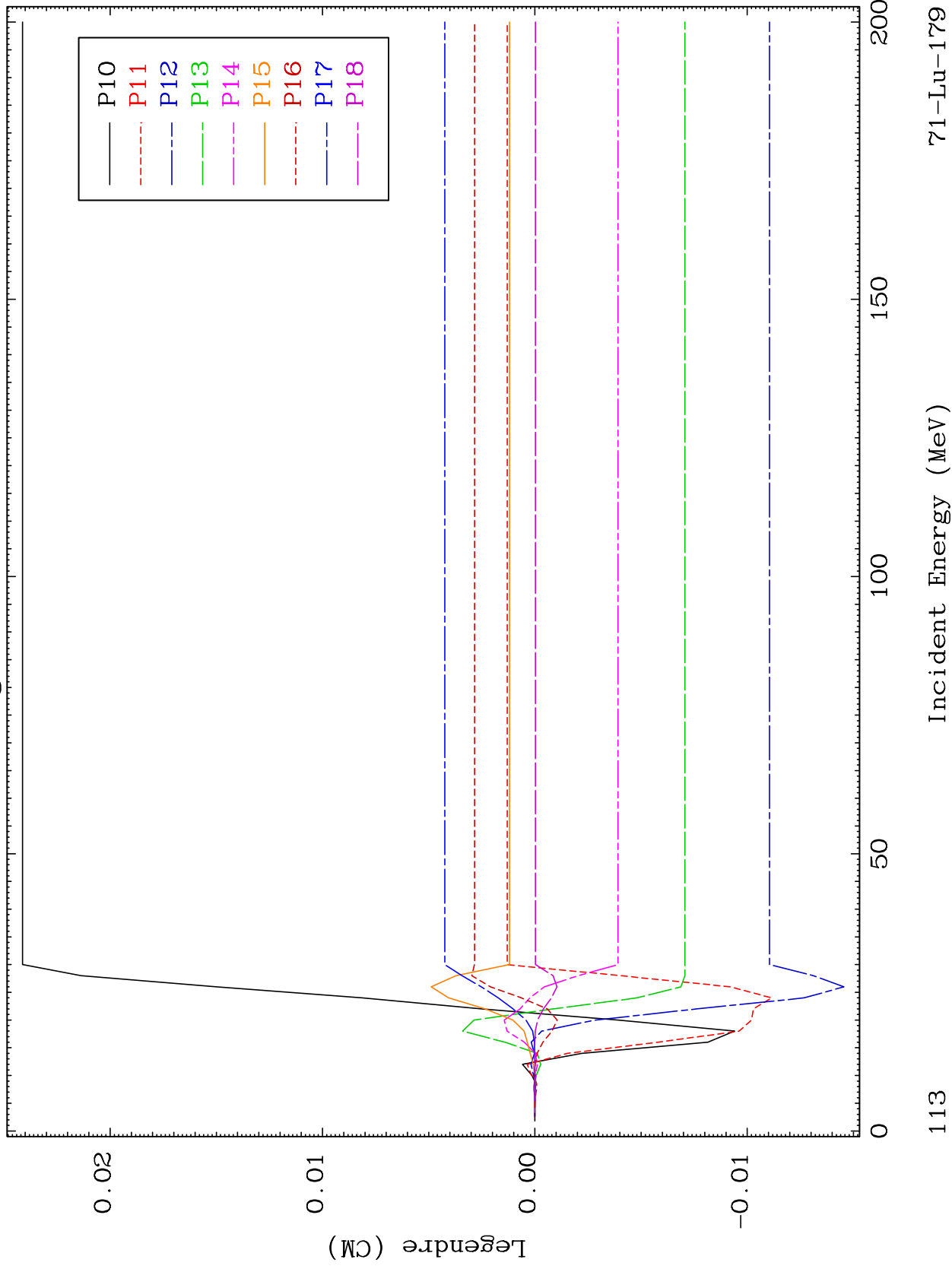
Incident Energy (MeV)

112

MAT 7137

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

71-Lu-179



71-Lu-179

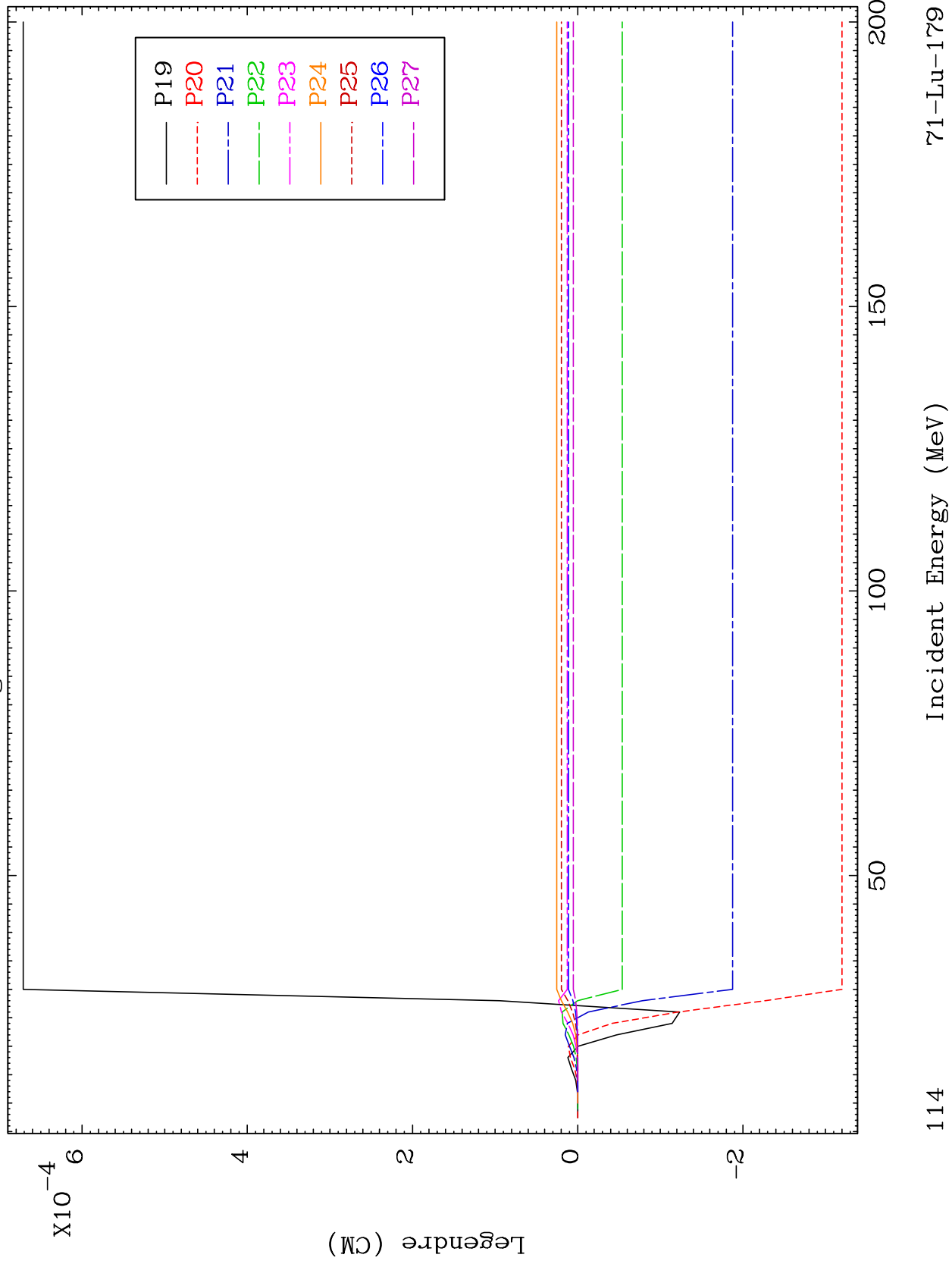
Incident Energy (MeV)

113

MAT 7137

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

71-Lu-179

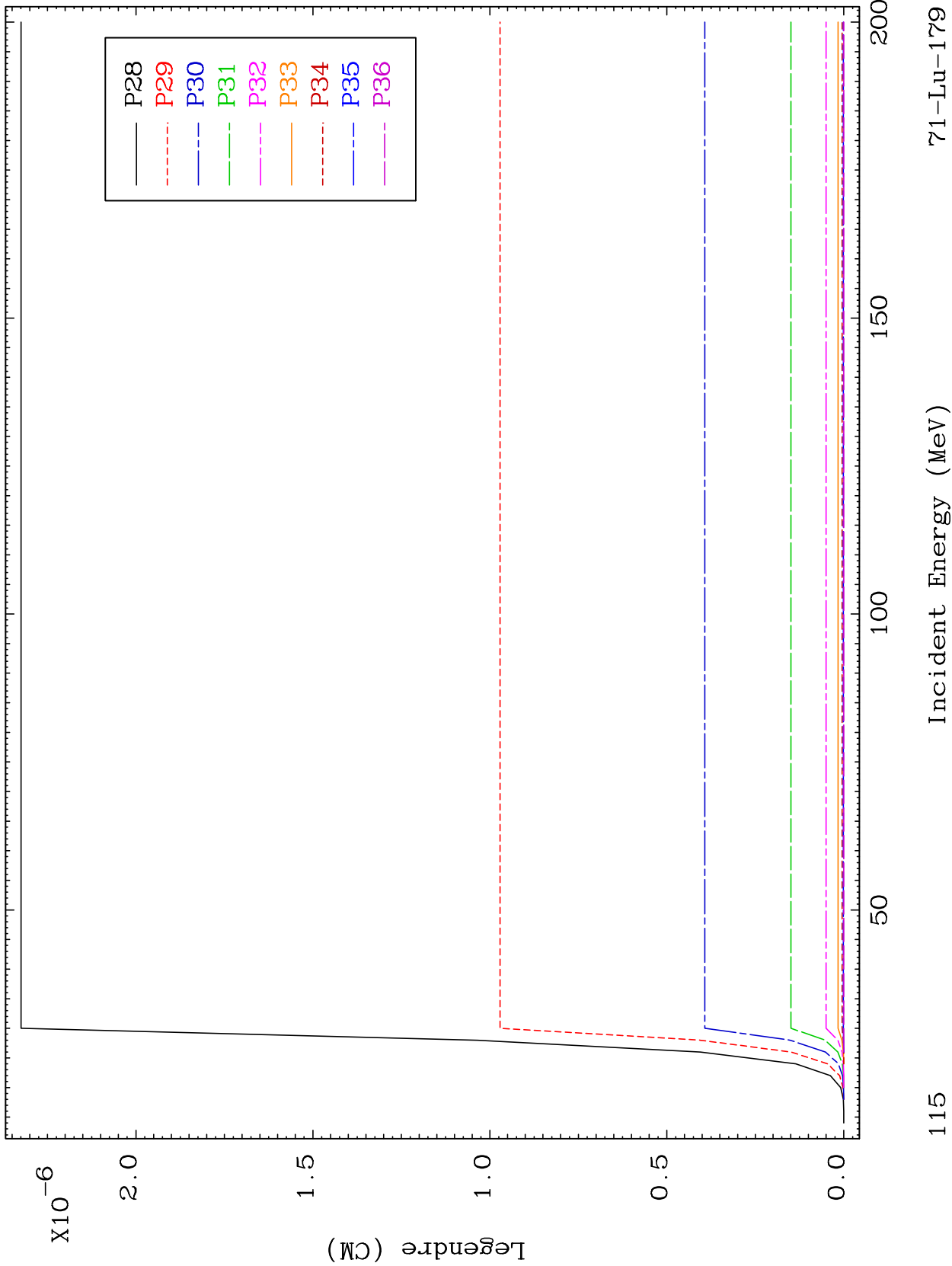


114

MAT 7137

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

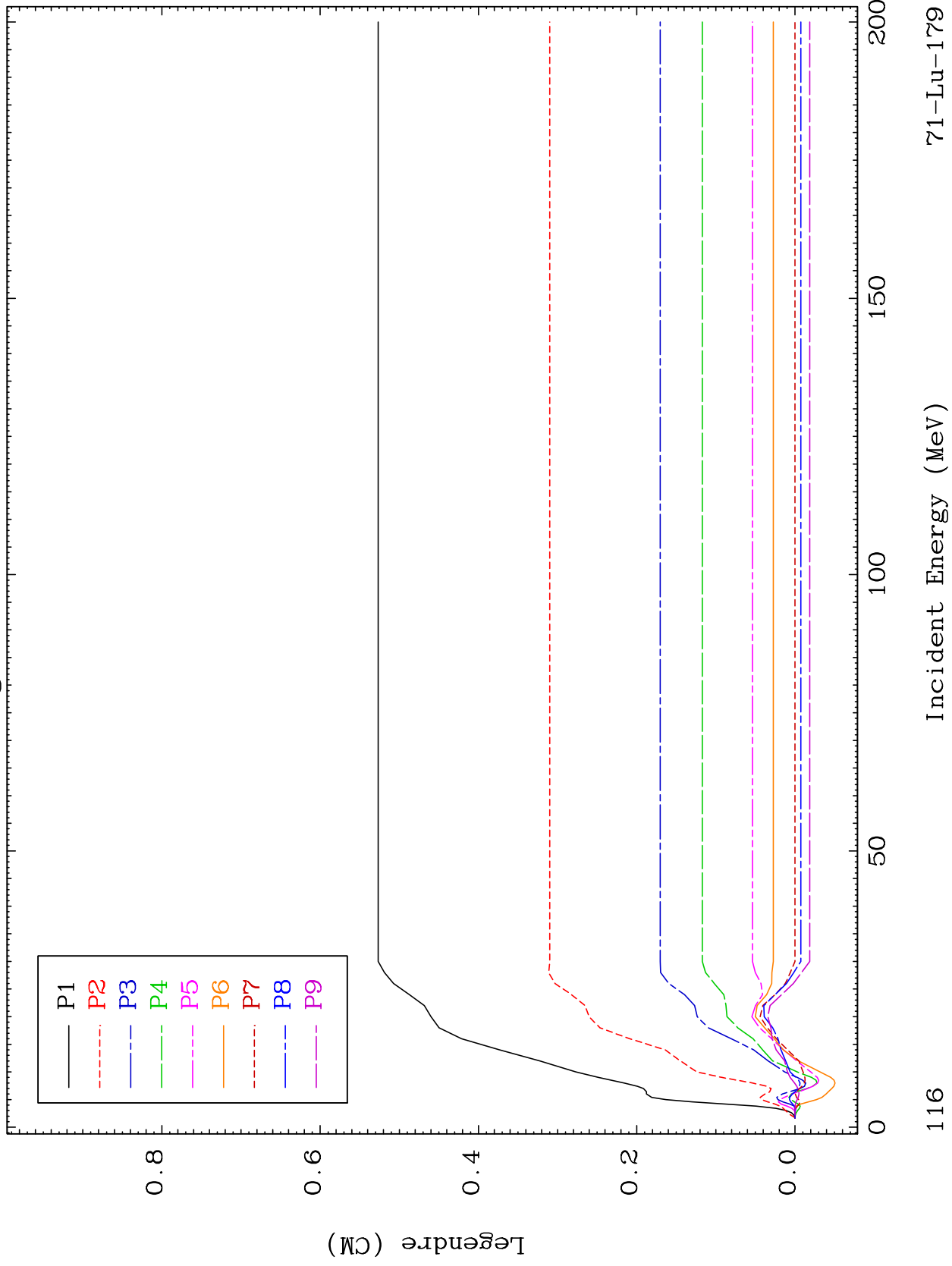
71-Lu-179



MAT 7137

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

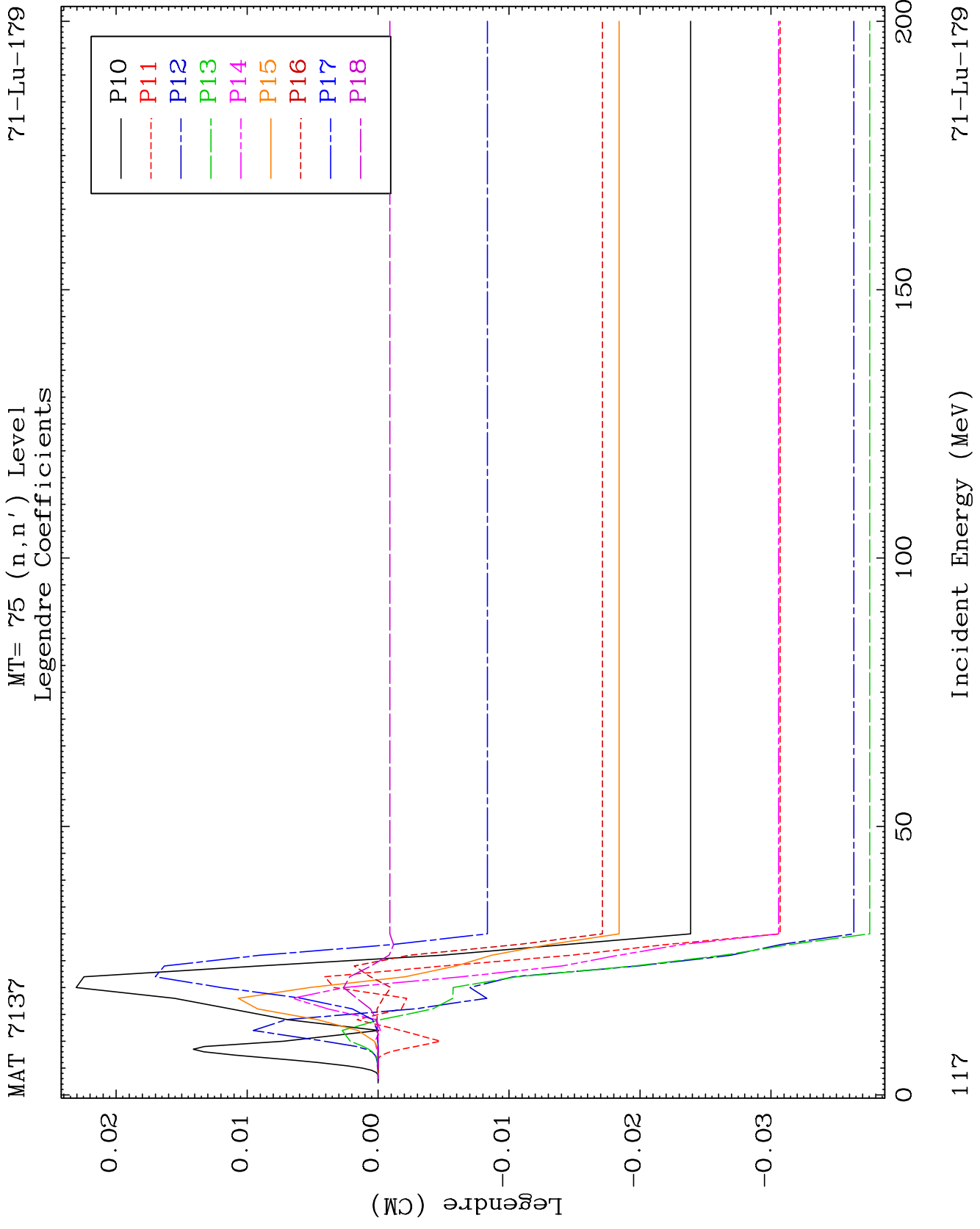
71-Lu-179



71-Lu-179

Incident Energy (MeV)

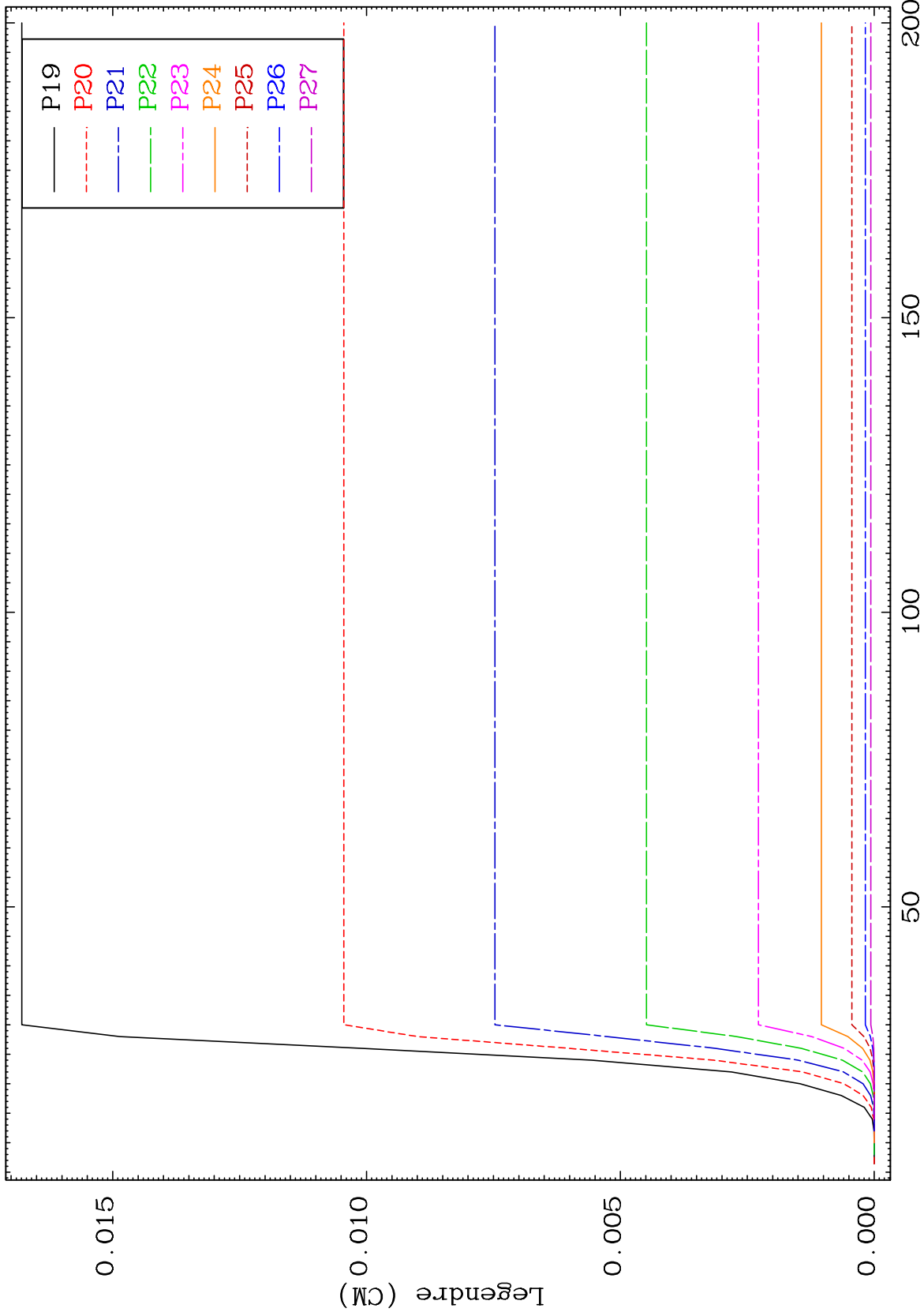
116



MAT 7137

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

71-Lu-179



118

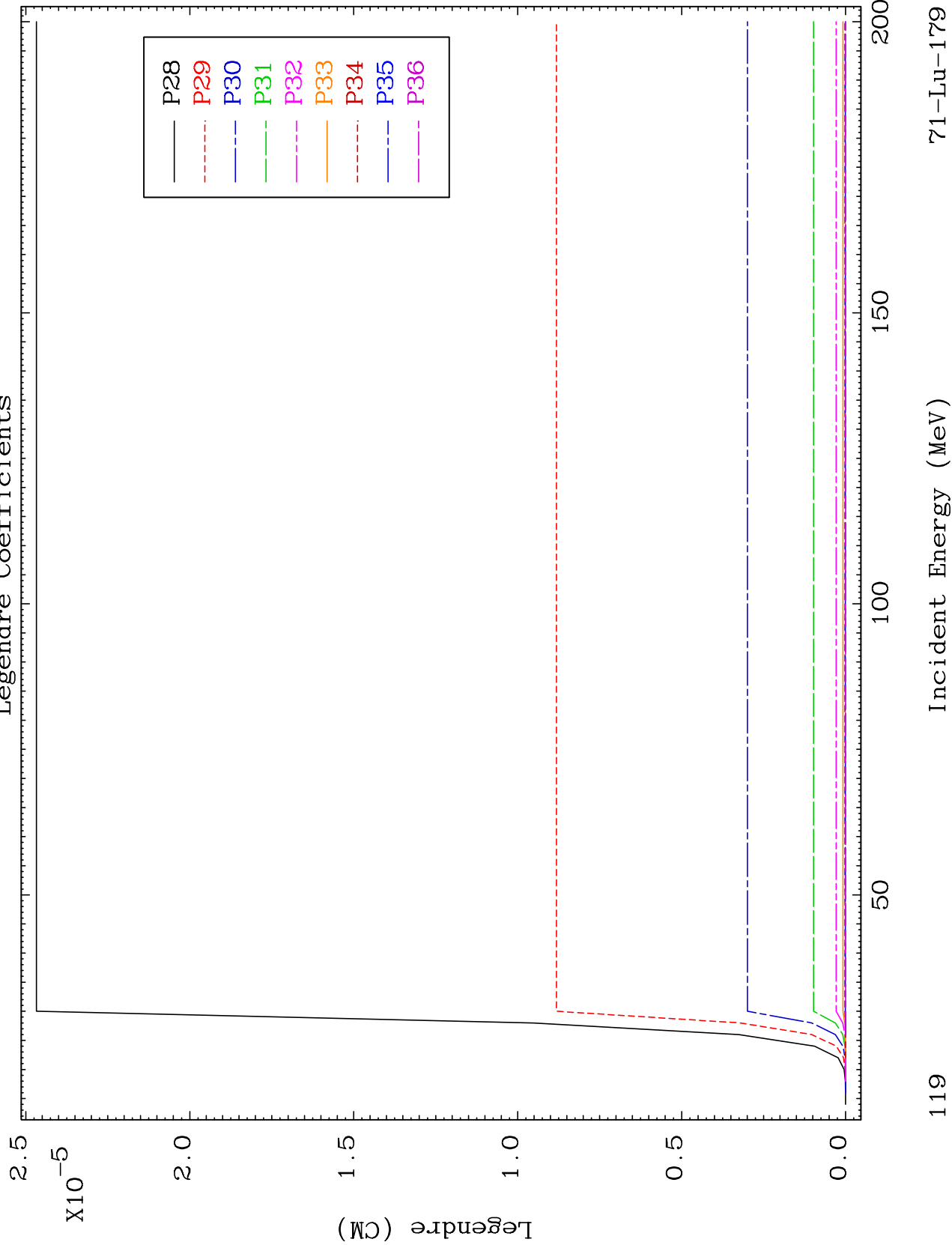
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



119

Incident Energy (MeV)

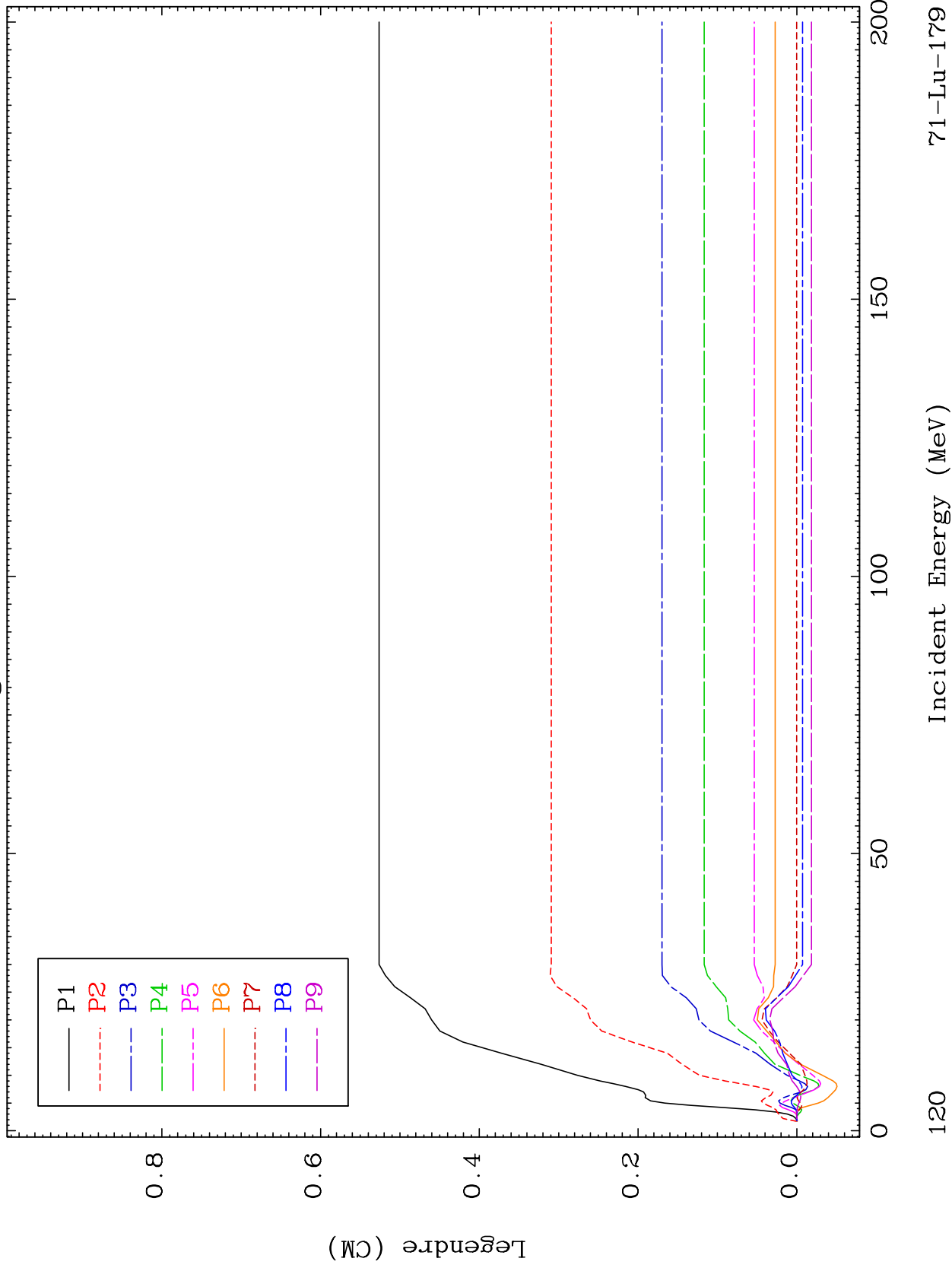
71-Lu-179



MAT 7137

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

71-Lu-179



71-Lu-179

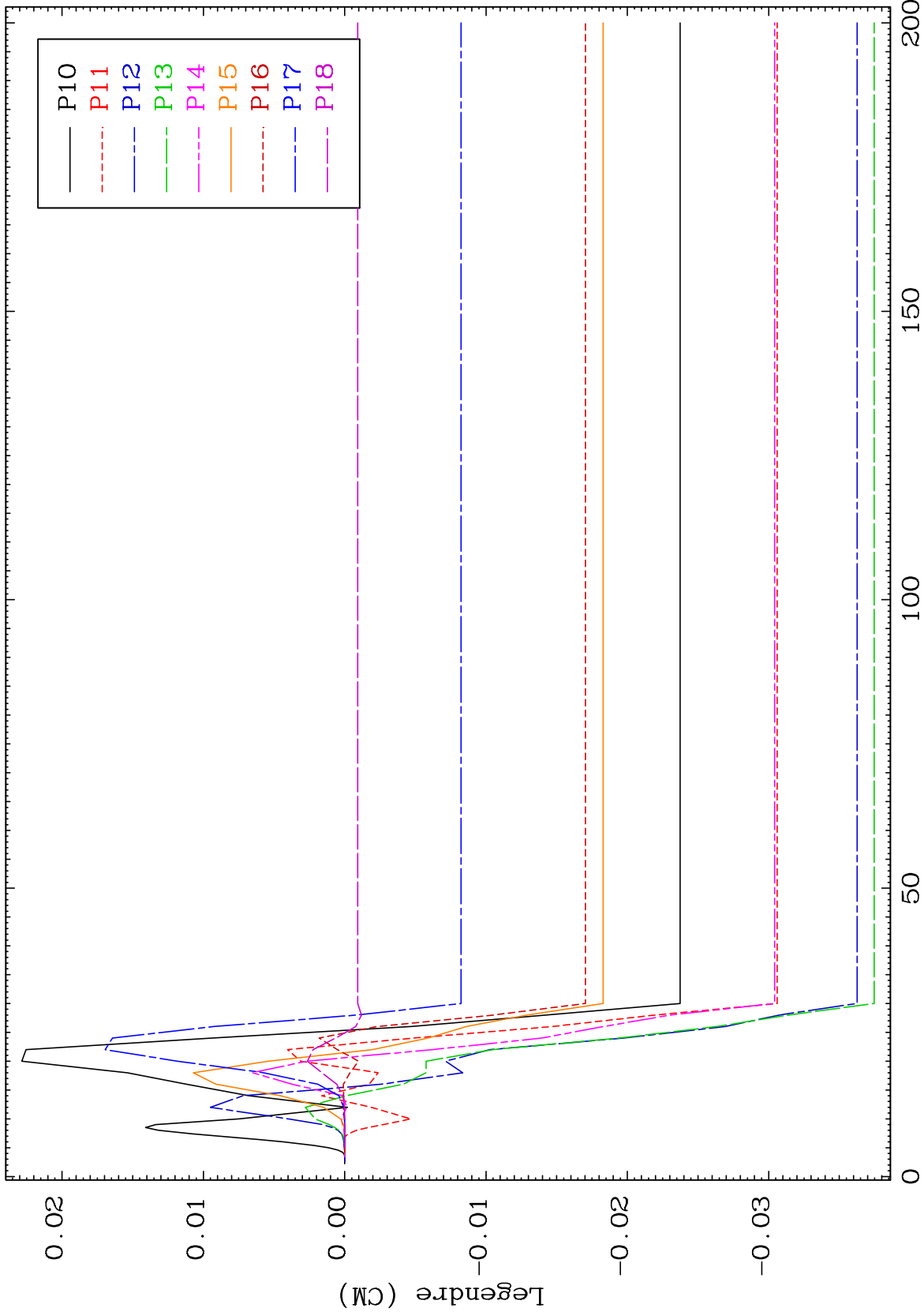
Incident Energy (MeV)

120

MAT 7137

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

71-Lu-179



121

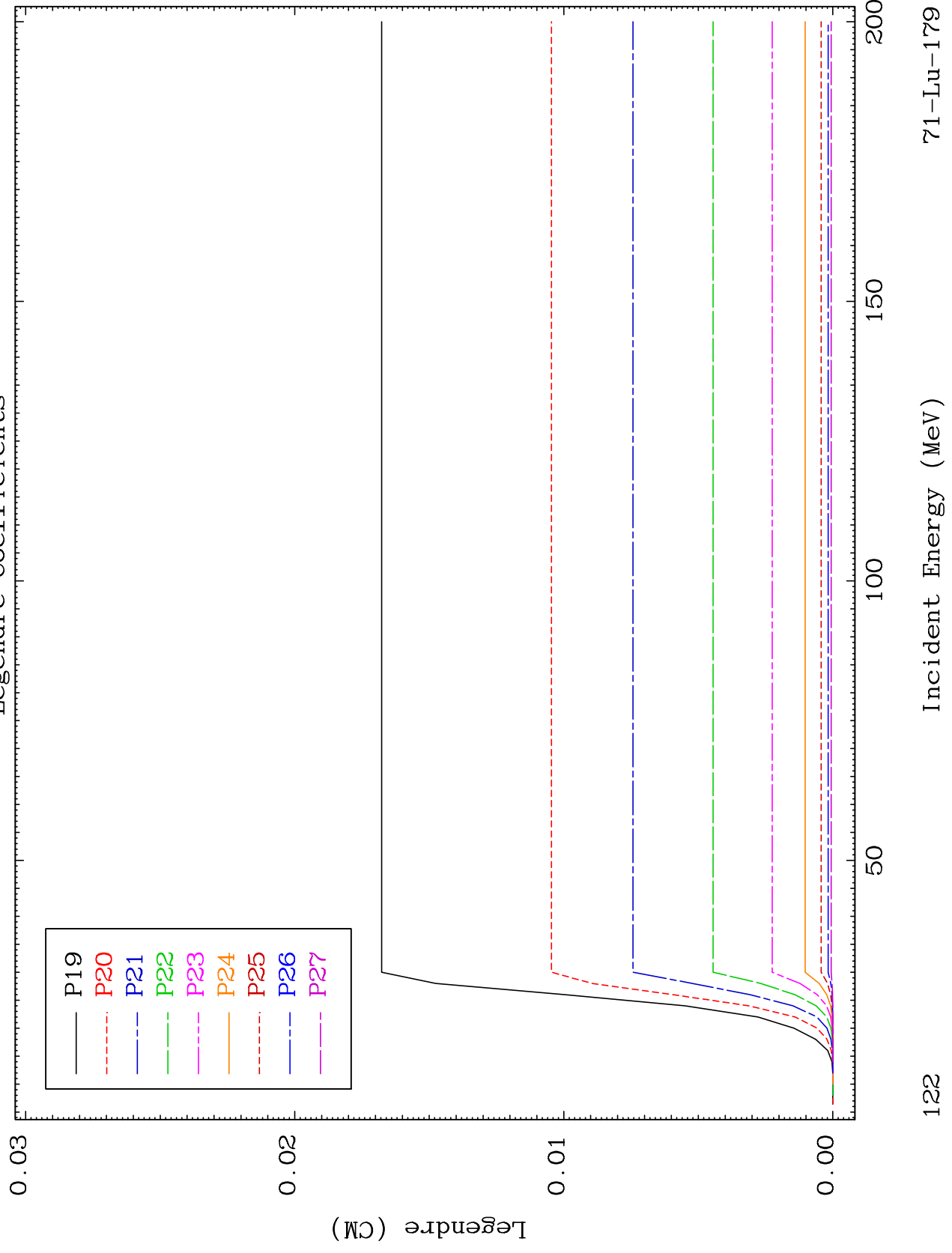
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



122

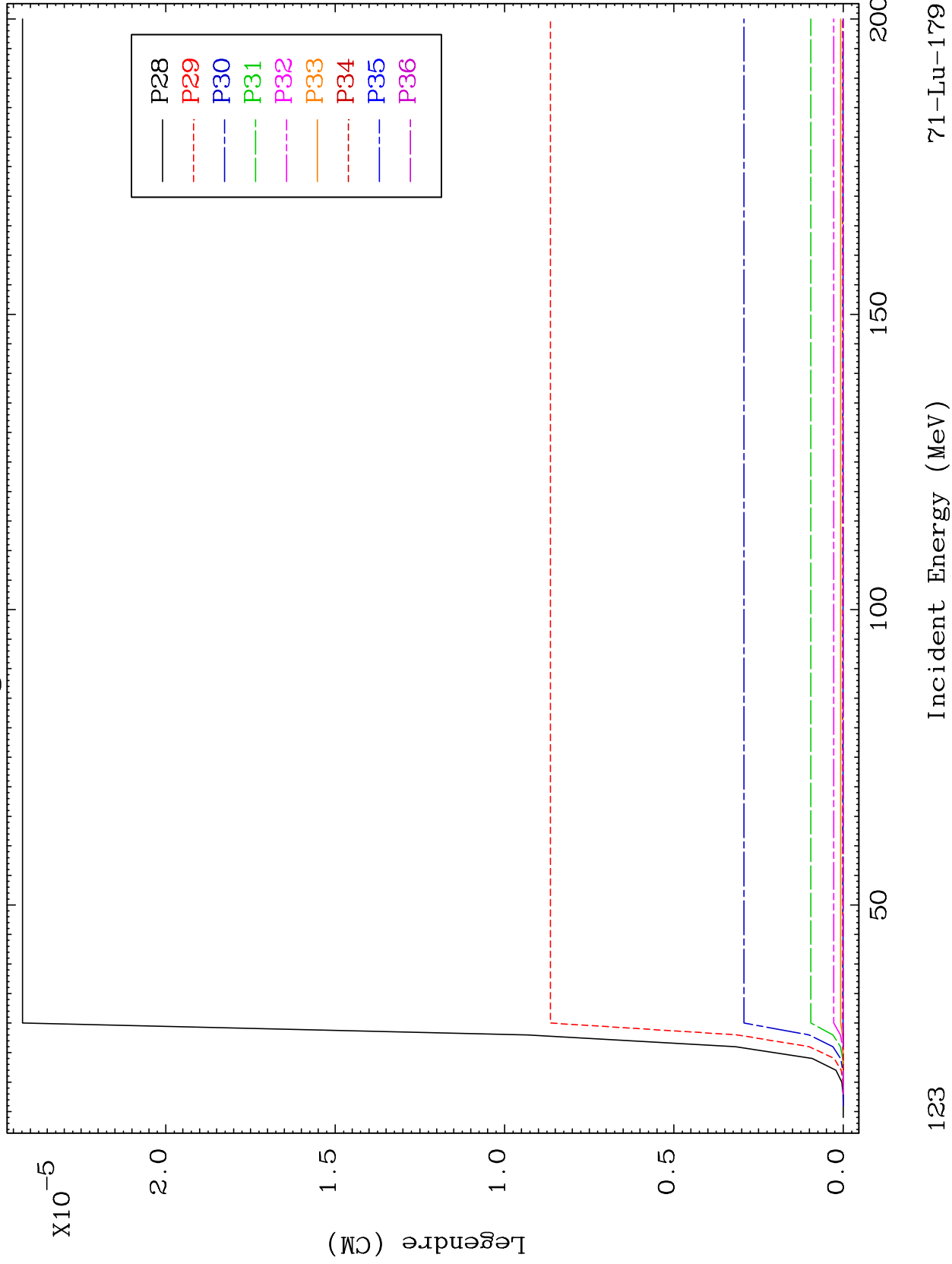
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179

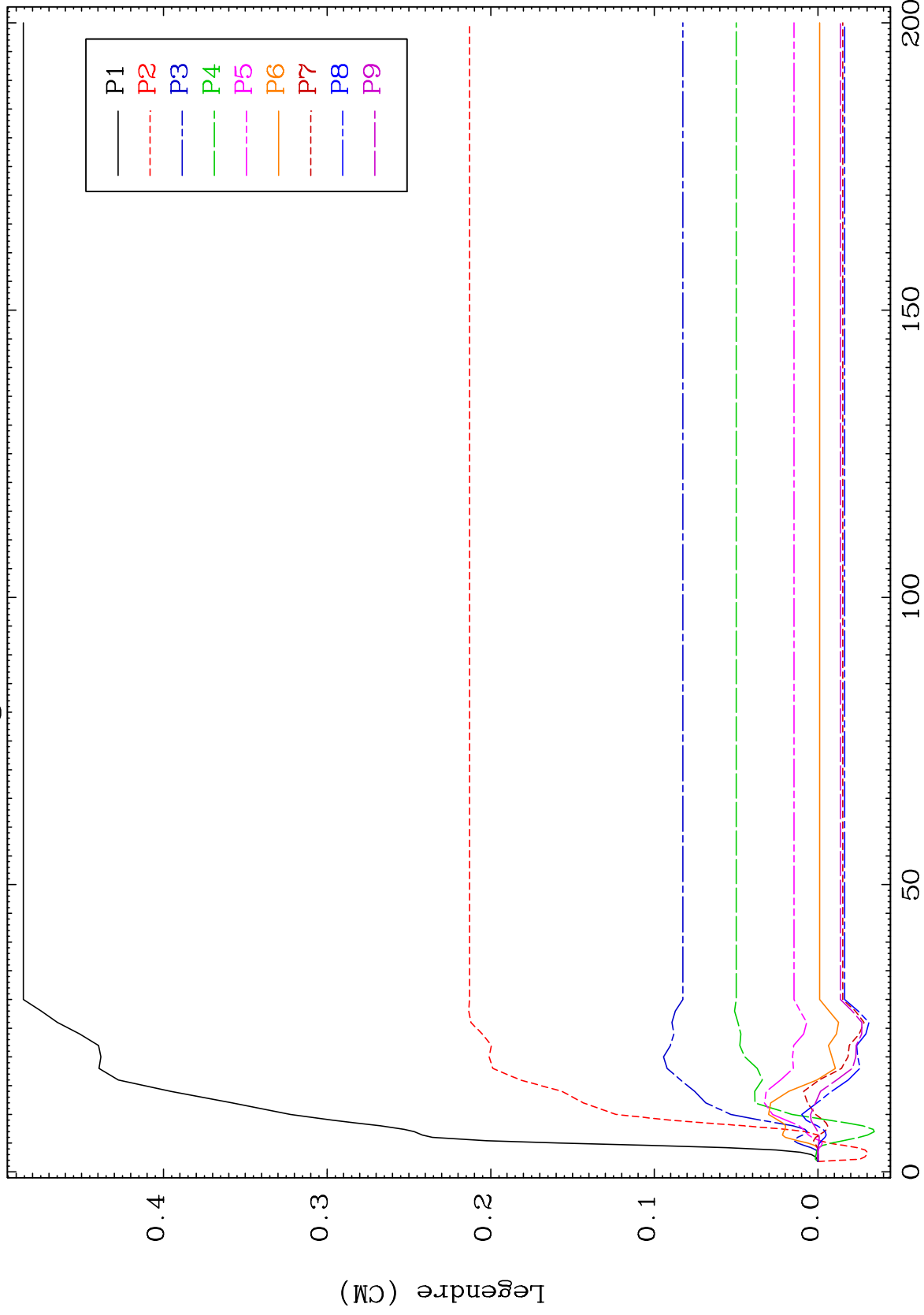


123

MAT 7137

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

71-Lu-179



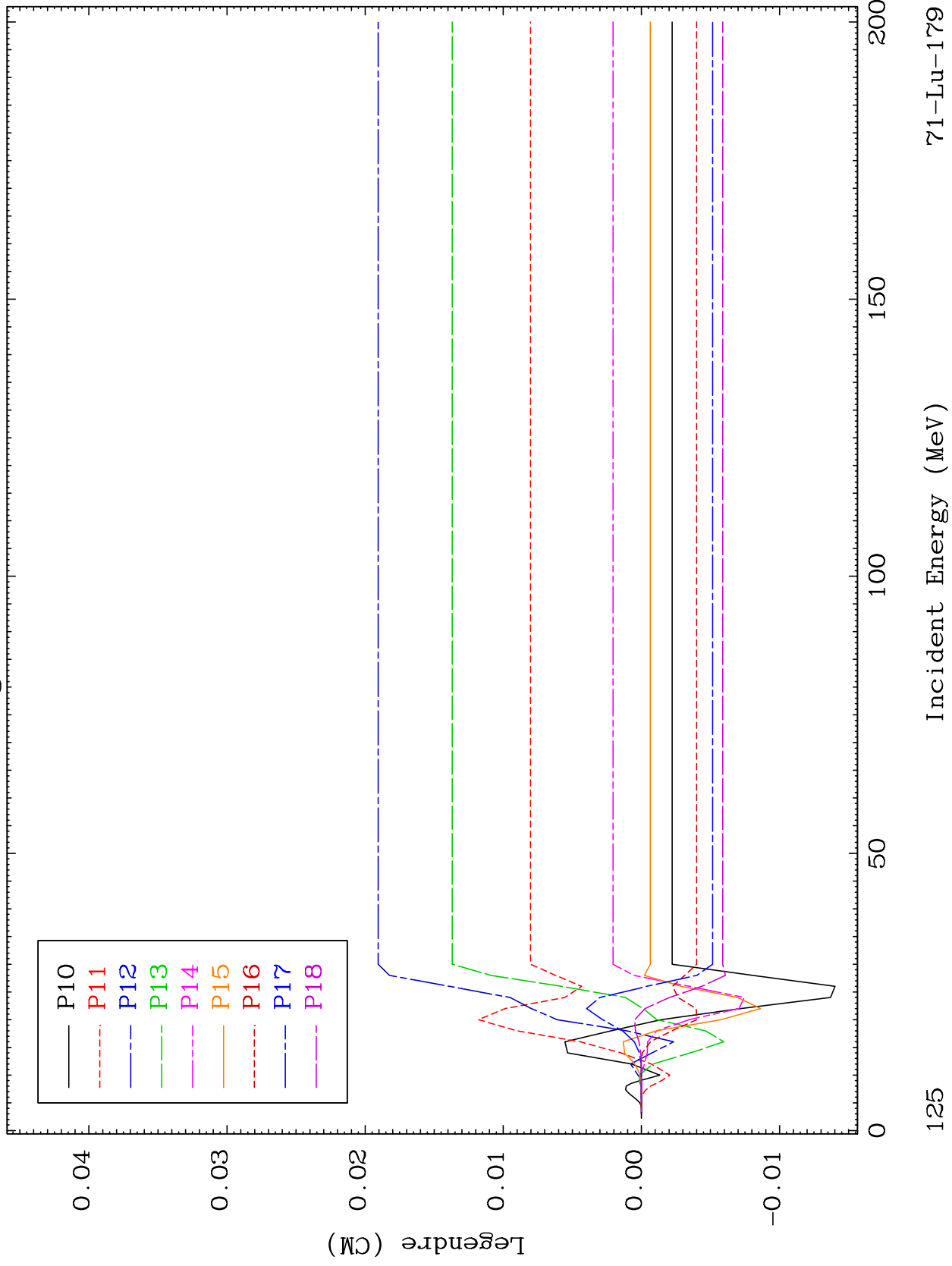
124

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

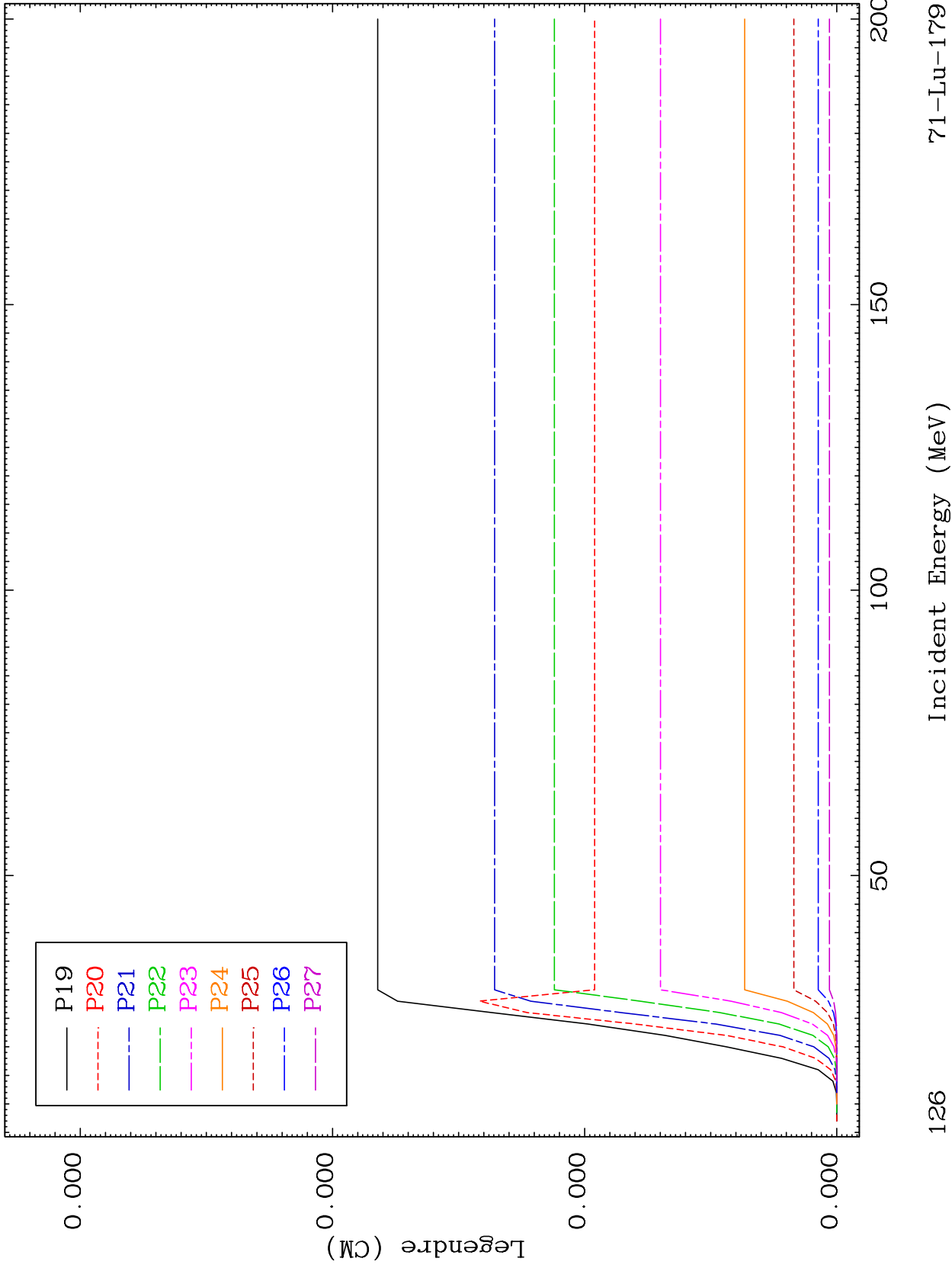
Incident Energy (MeV)

125

MAT 7137

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

71-Lu-179



126

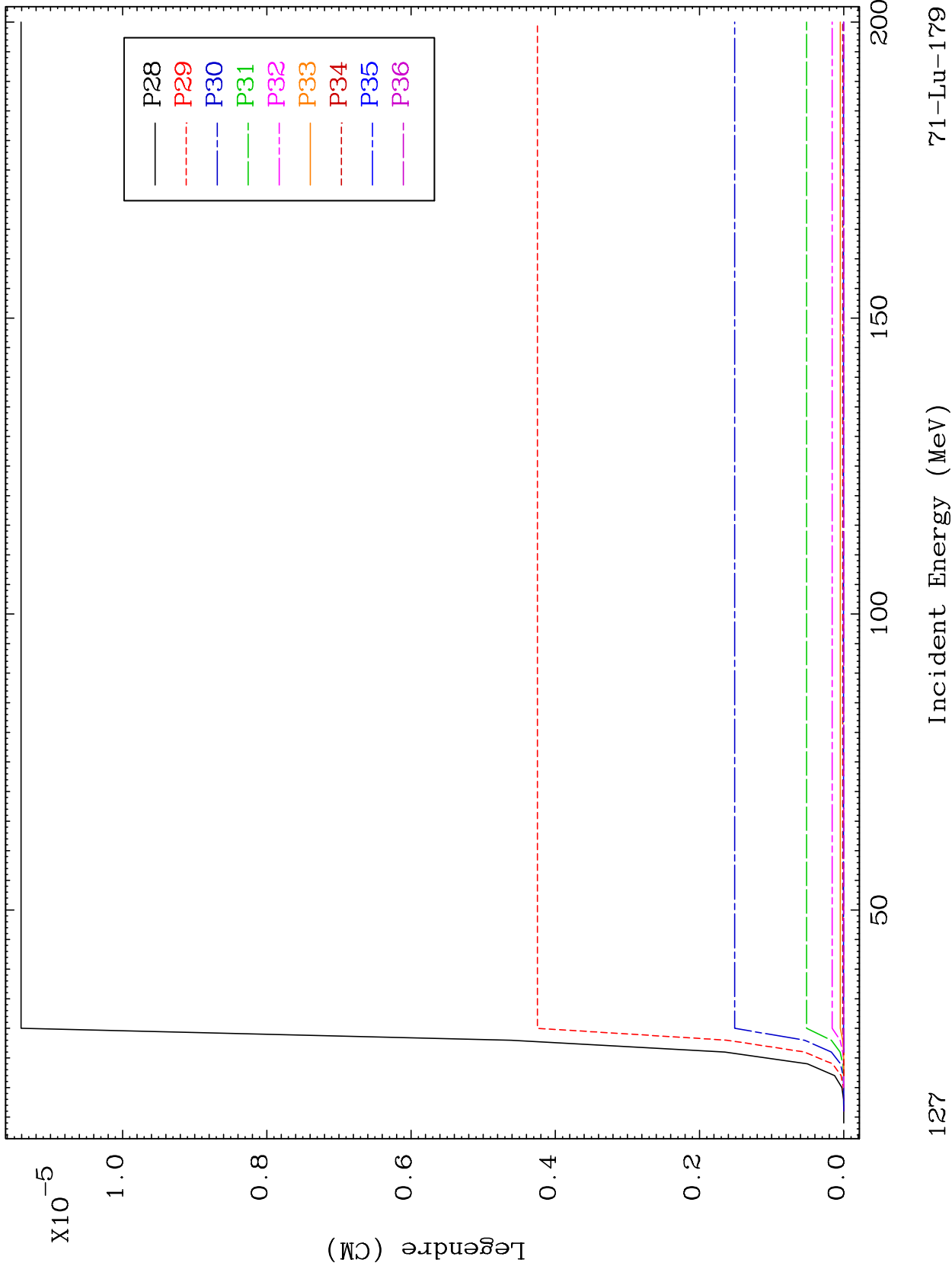
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



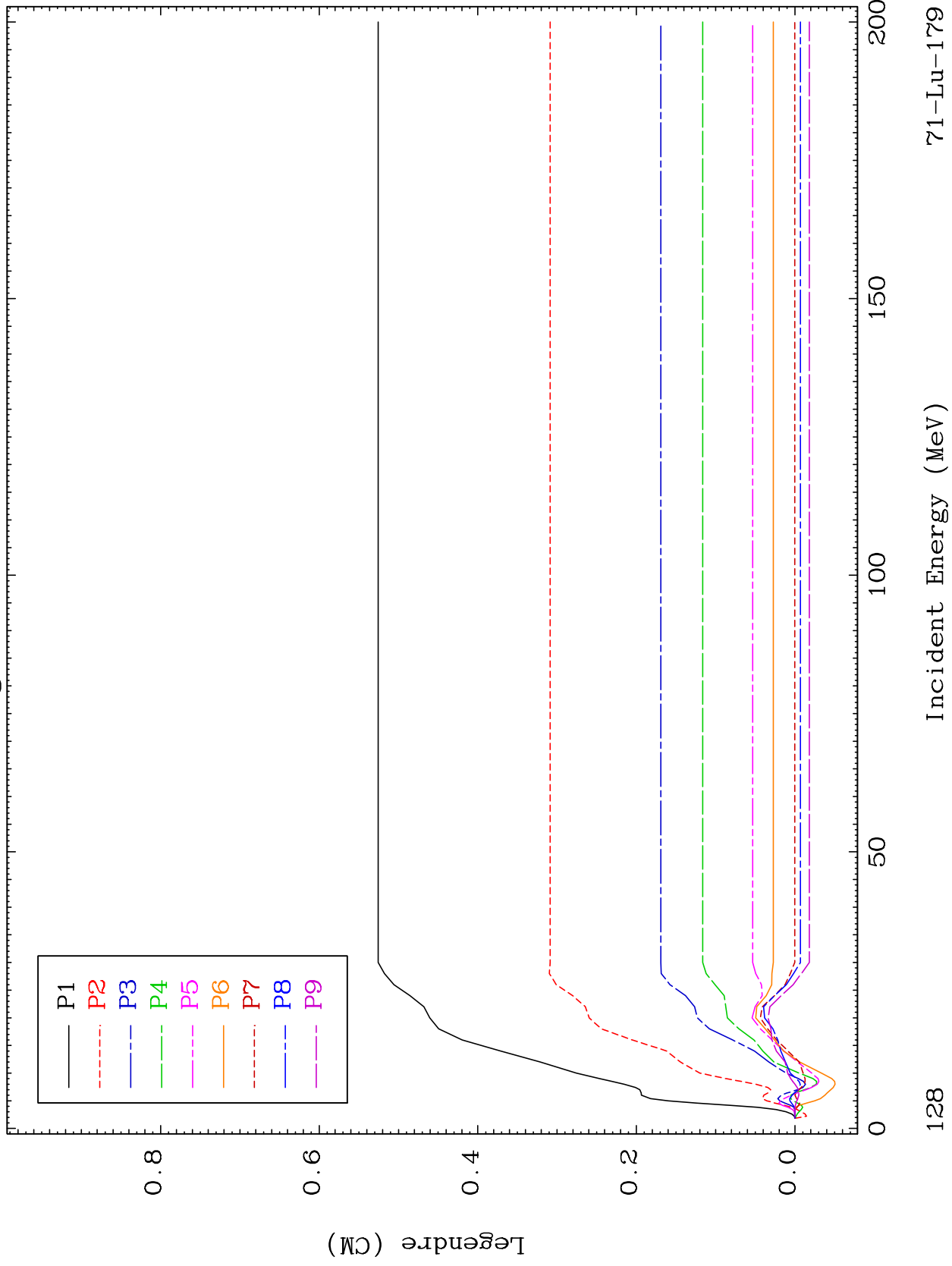
127



MAT 7137

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

71-Lu-179



71-Lu-179

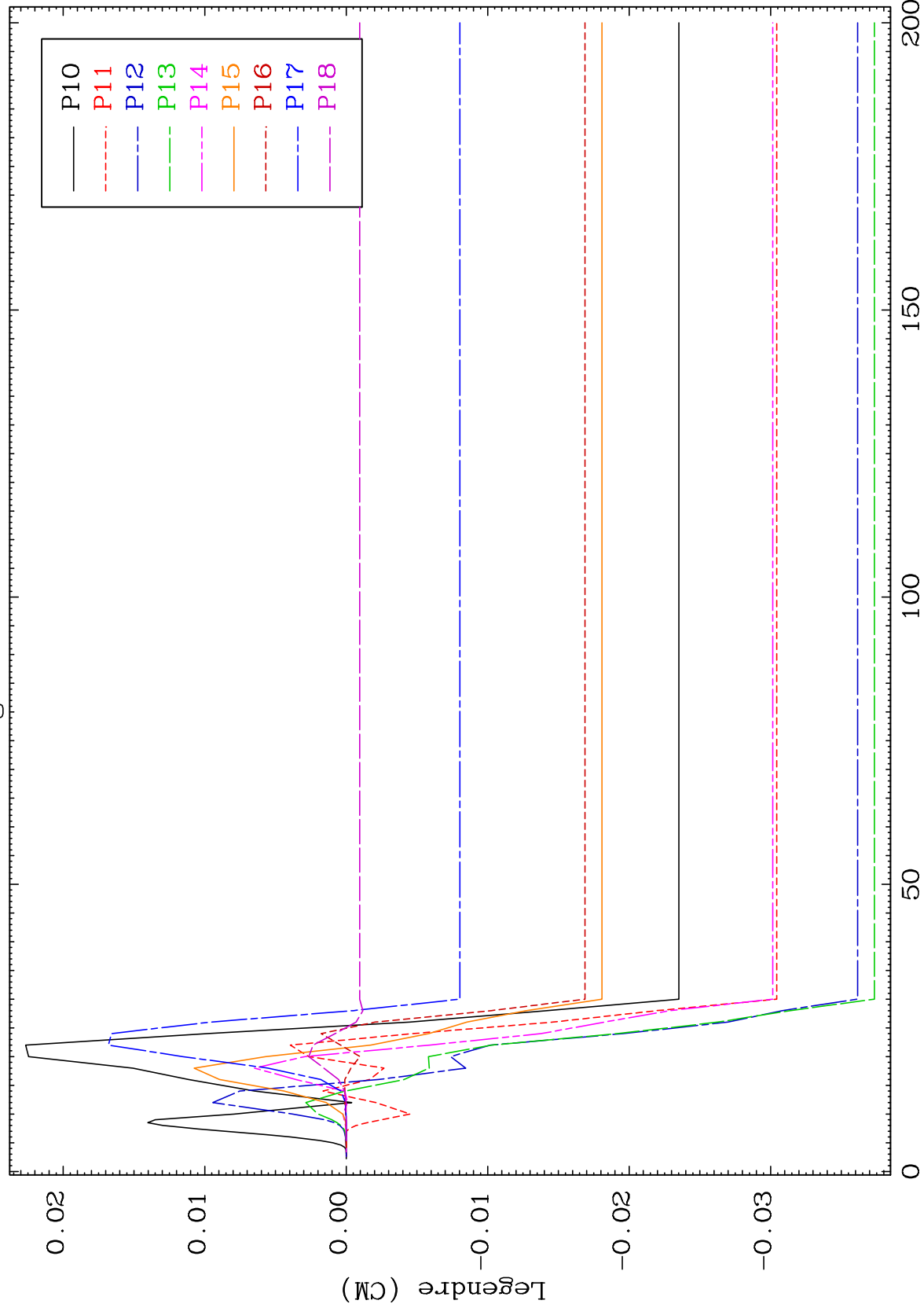
Incident Energy (MeV)

128

MAT 7137

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

71-Lu-179



129

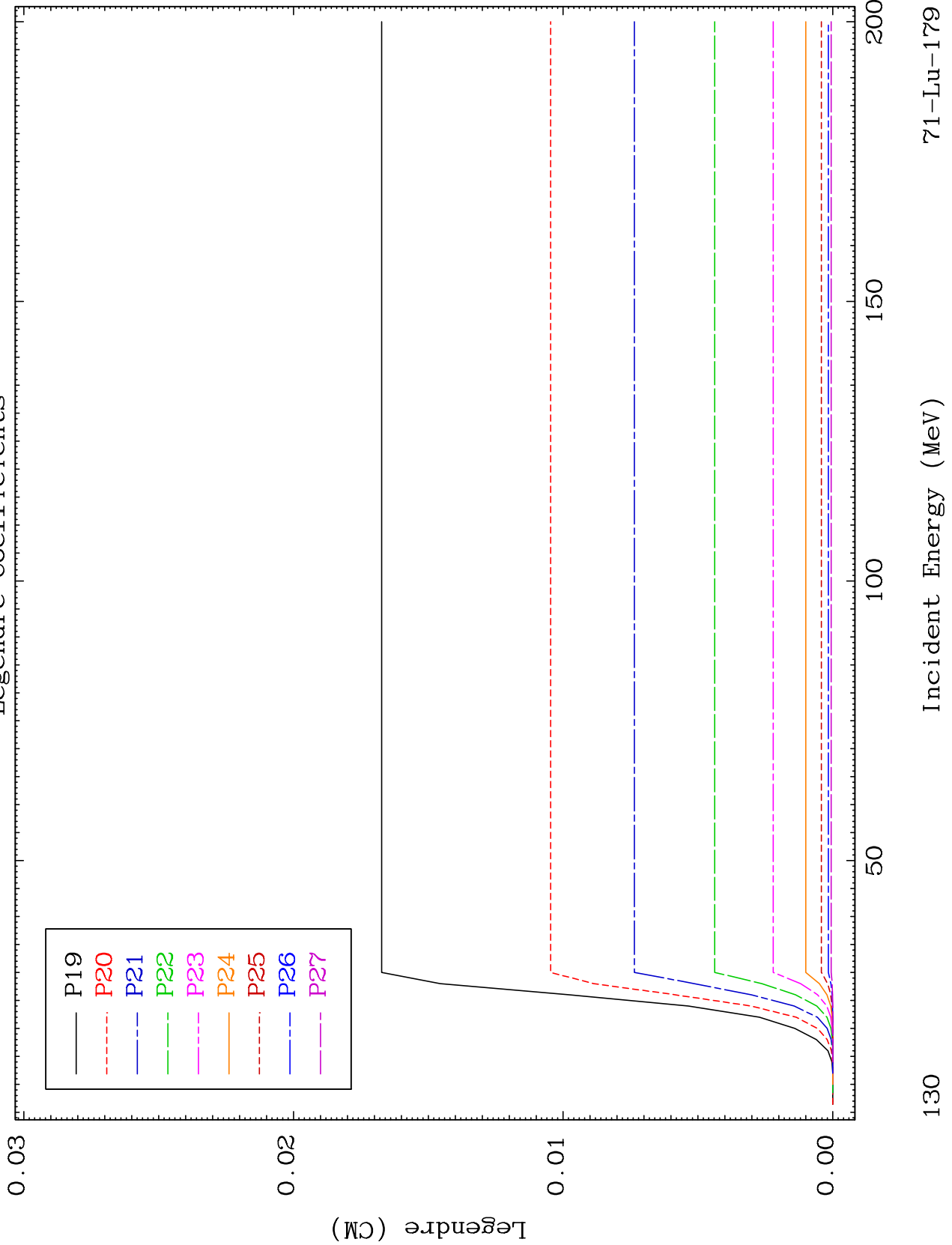
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



130

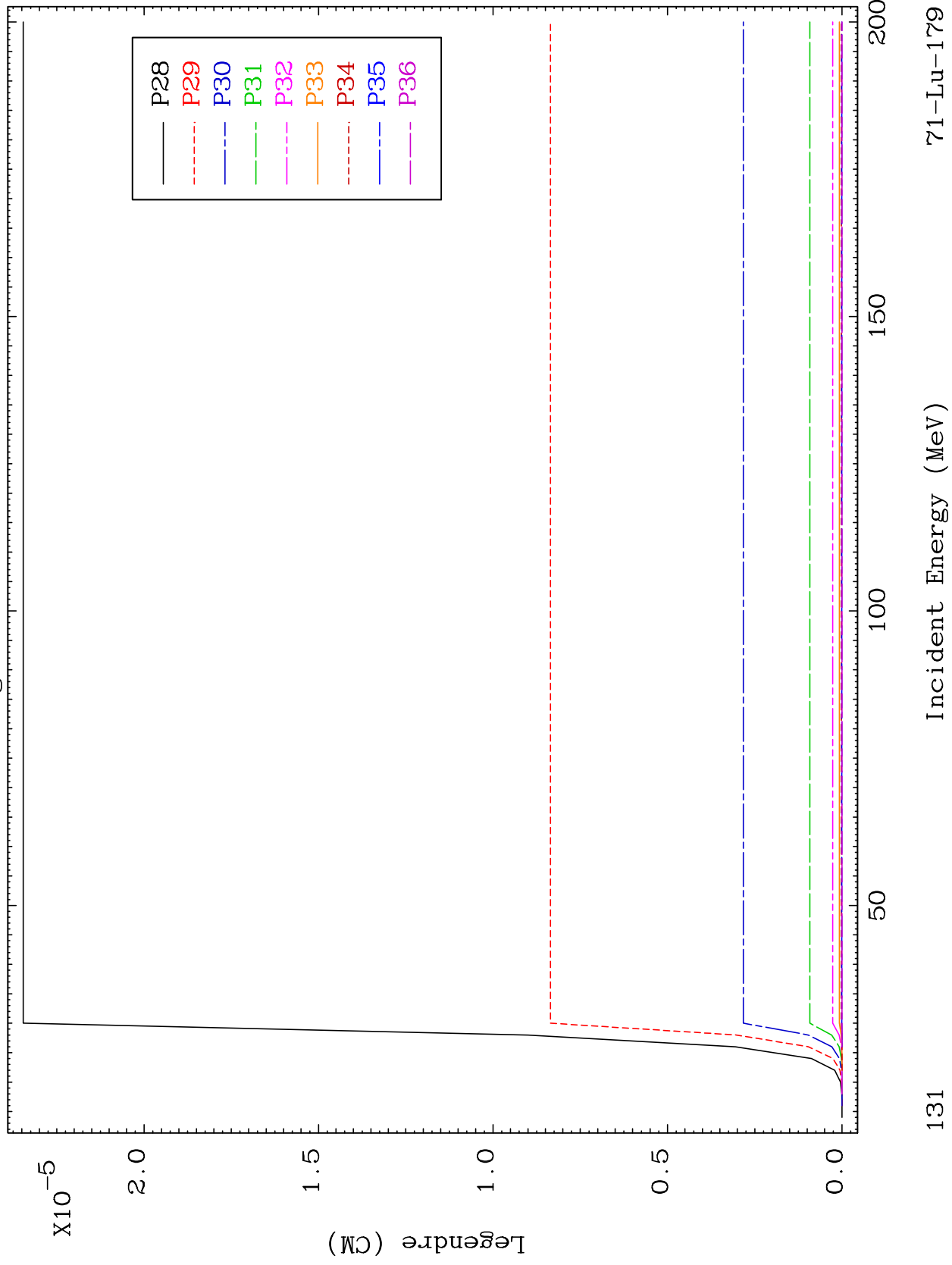
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179

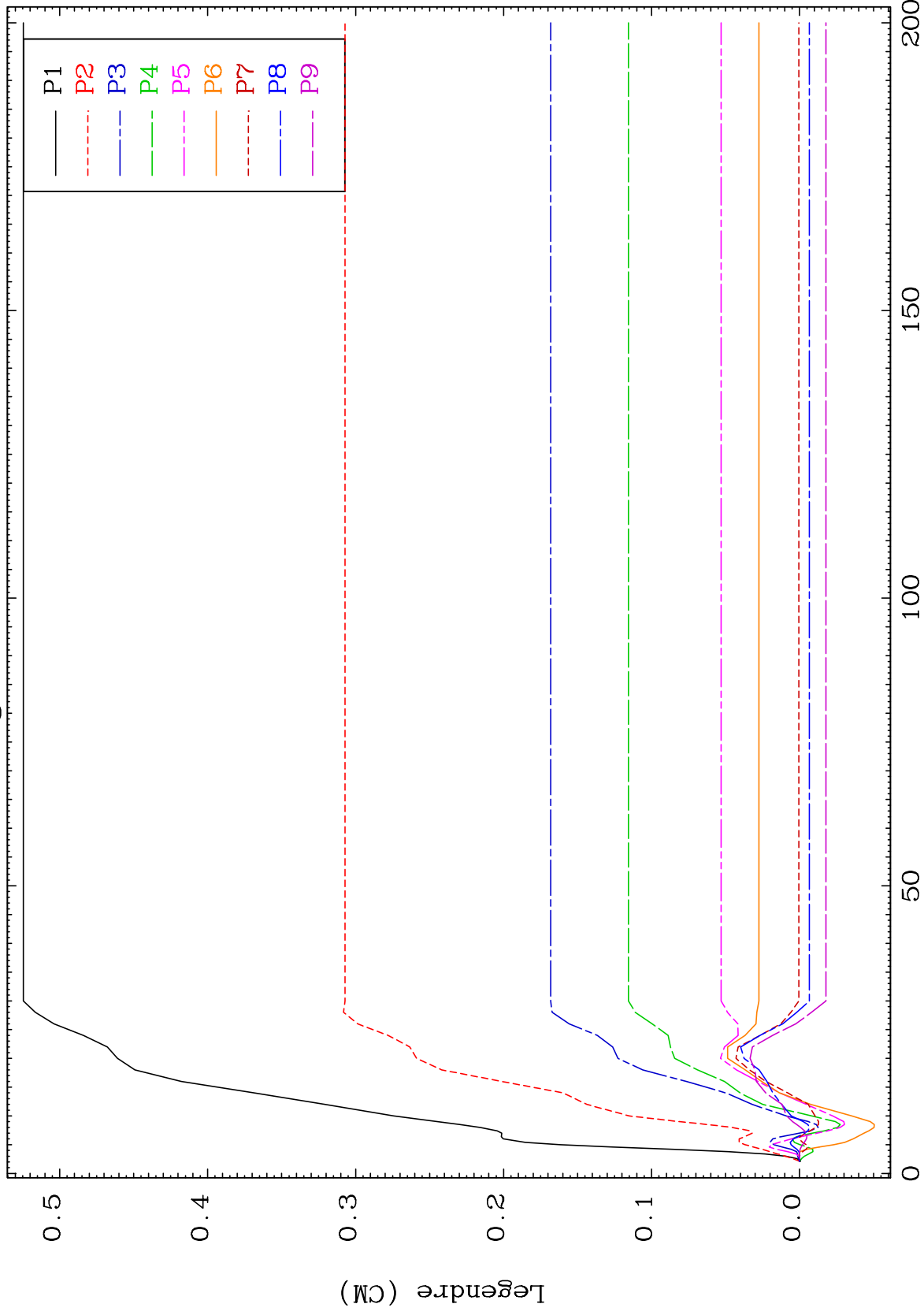


131

MAT 7137

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

71-Lu-179



71-Lu-179

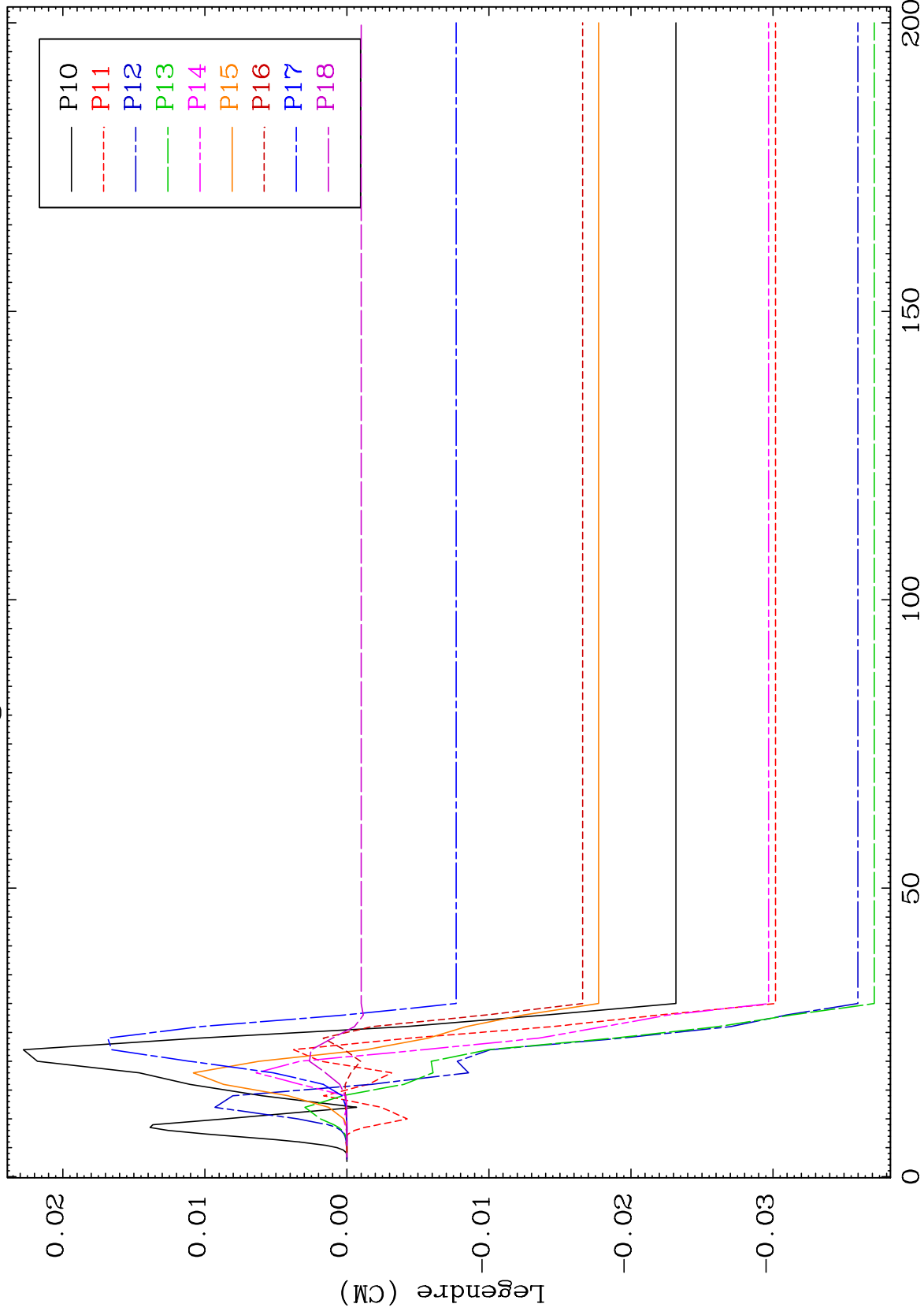
Incident Energy (MeV)

132

MAT 7137

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

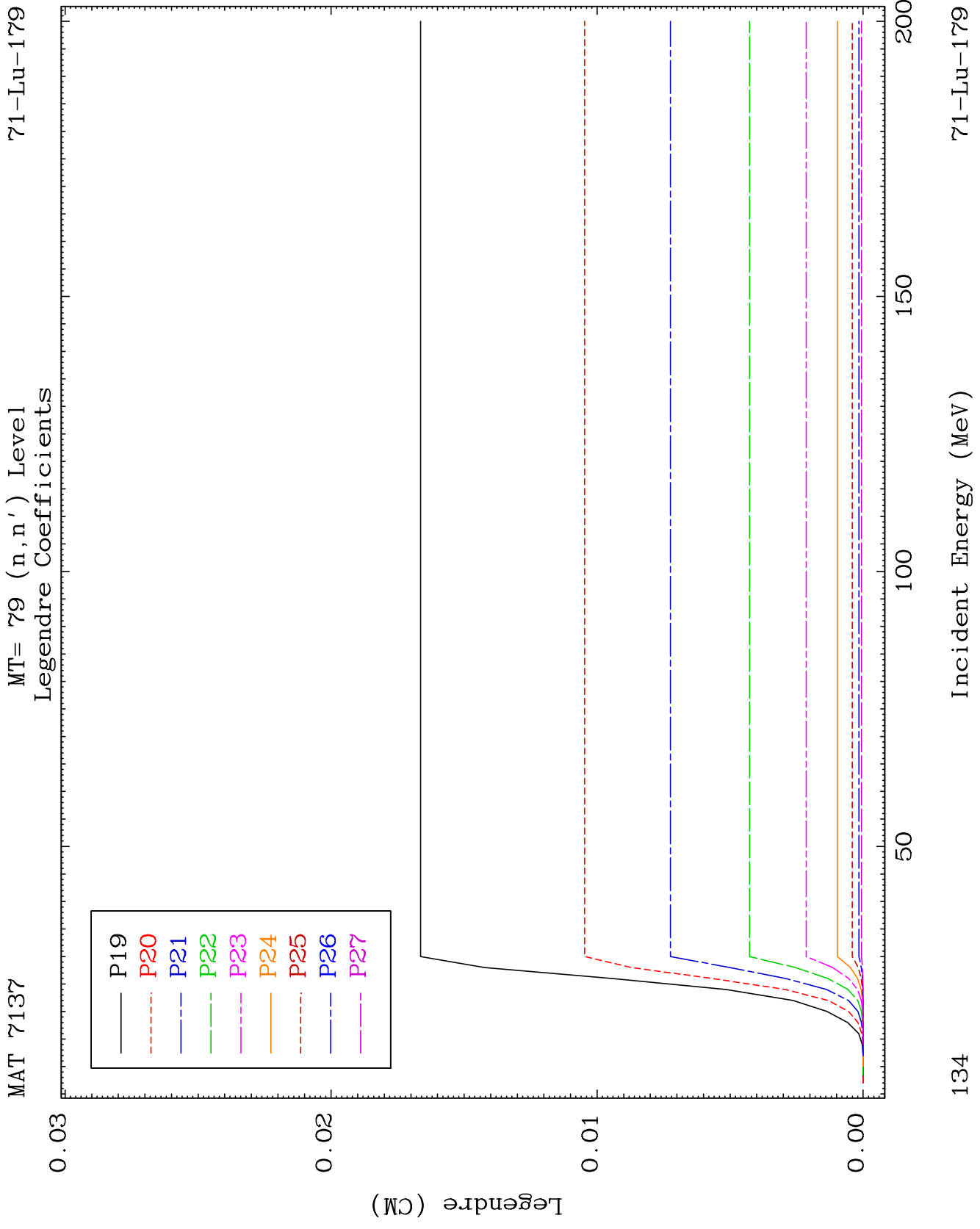
71-Lu-179



133

Incident Energy (MeV)

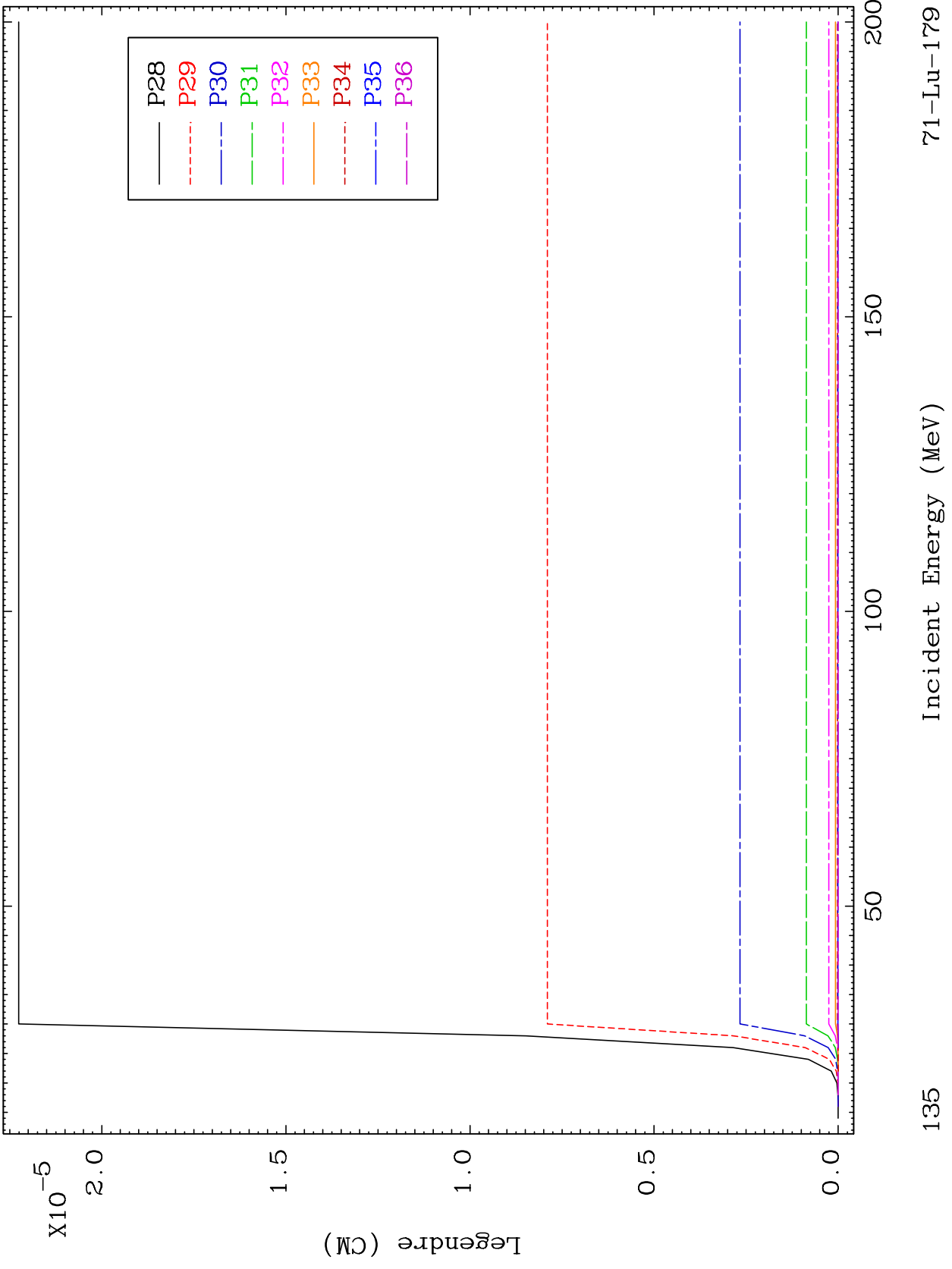
71-Lu-179



MAT 7137

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

71-Lu-179



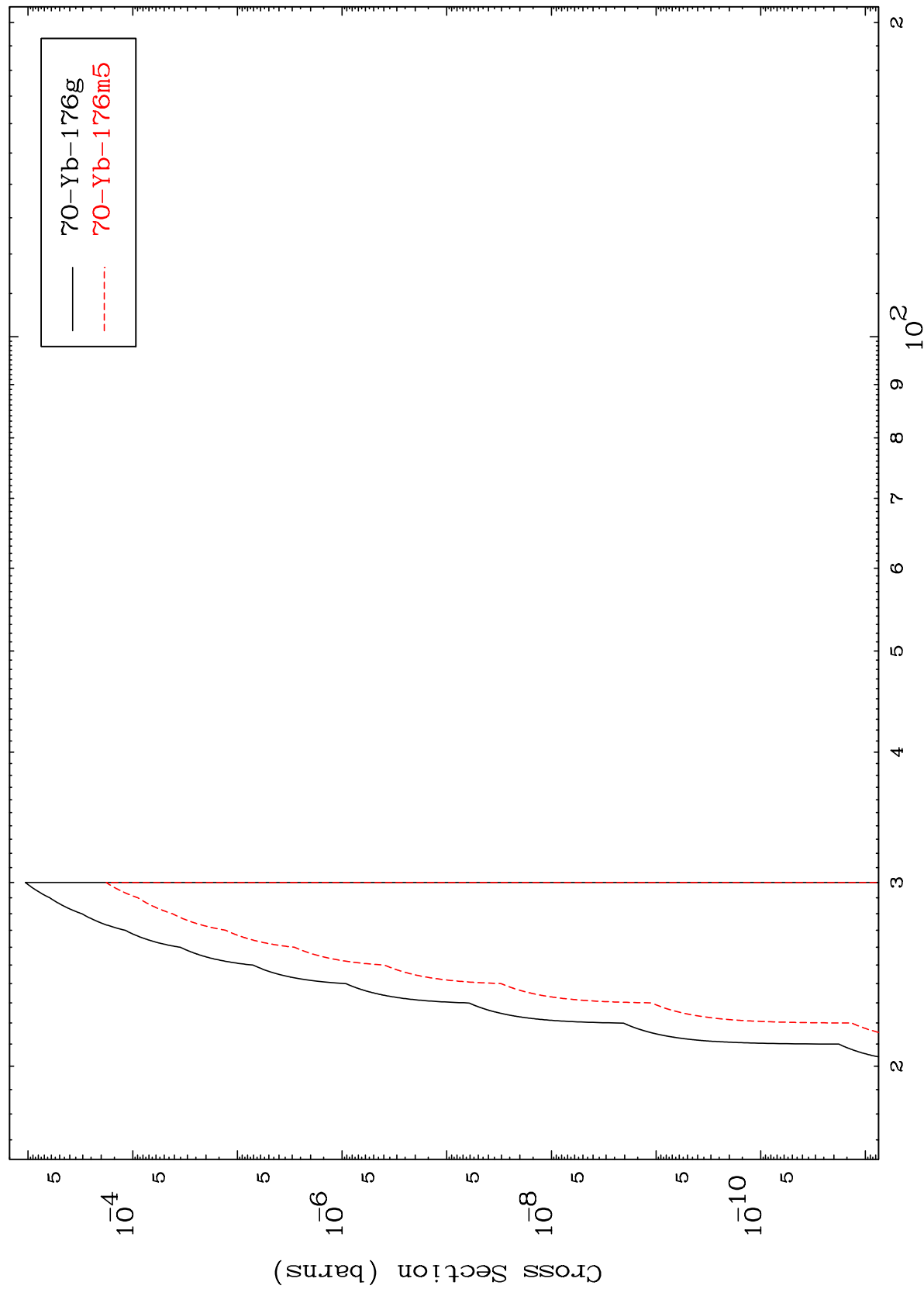


MAT 7137

(n,2n) d

71-Lu-179

Radionuclide Production Cross Section



136

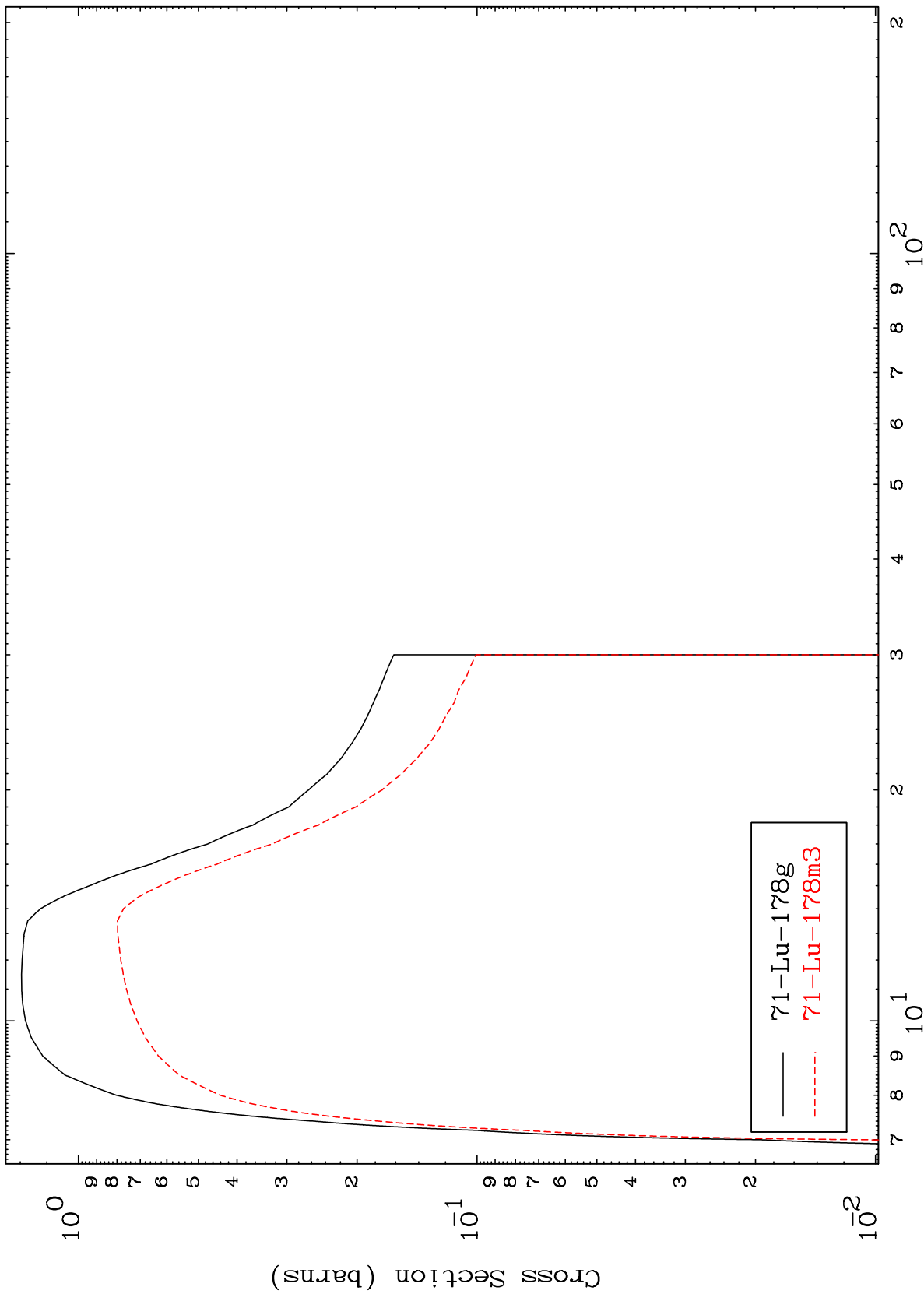
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

(n,2n)  
Radionuclide Production Cross Section



137

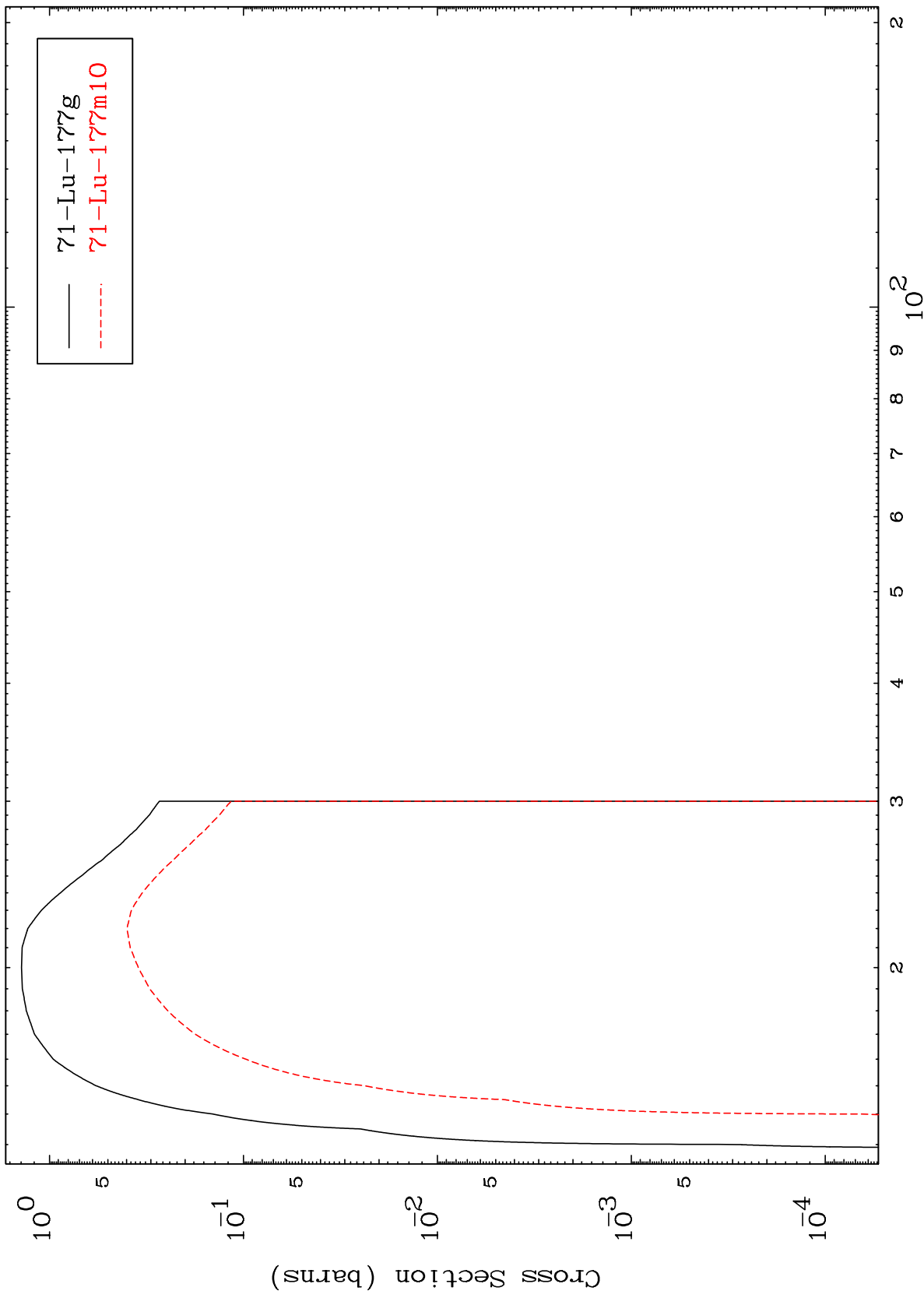
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

(n,3n)  
Radionuclide Production Cross Section



138

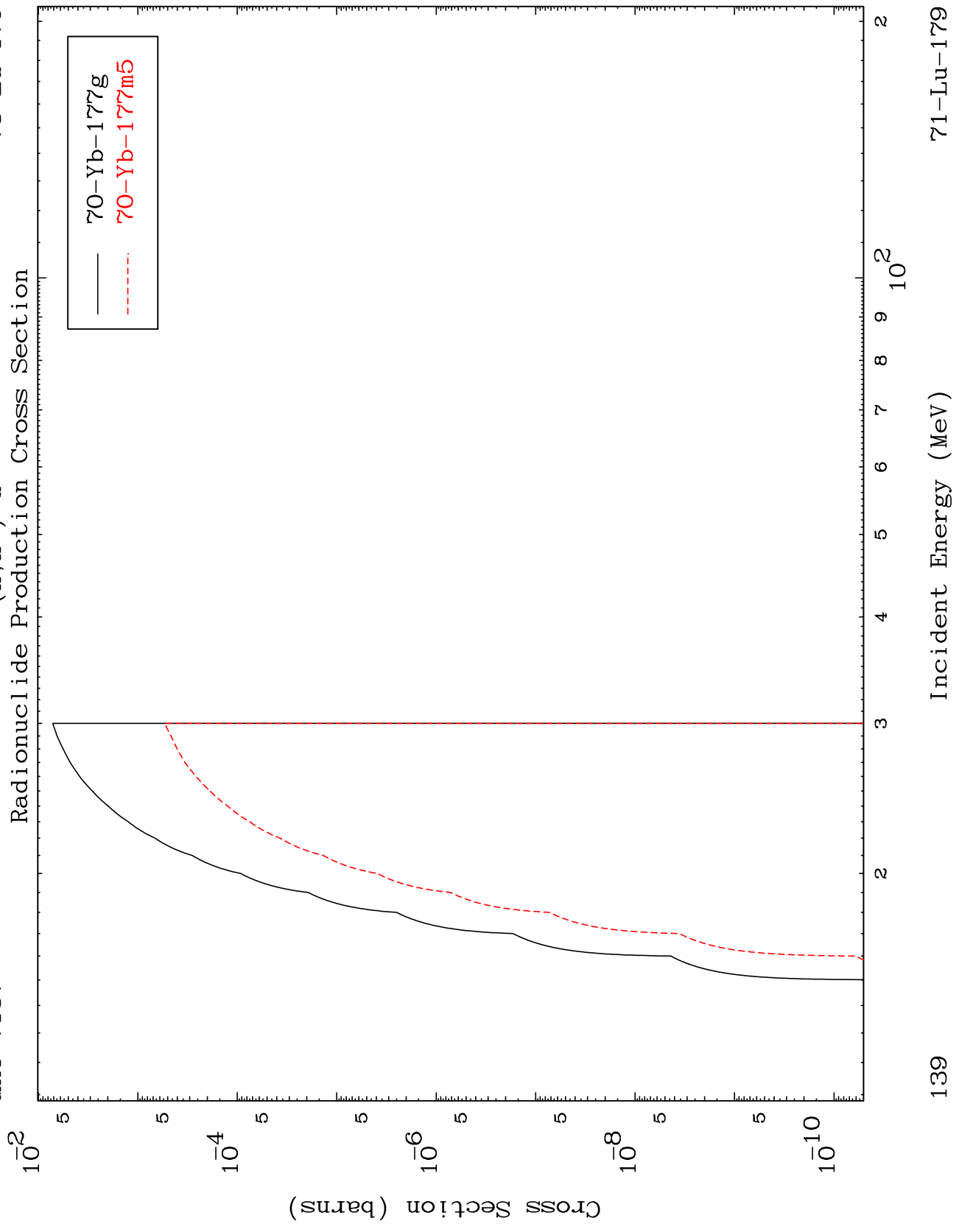
71-Lu-179

Incident Energy (MeV)

MAT 7137

(n,n') d

71-Lu-179



139

Incident Energy (MeV)

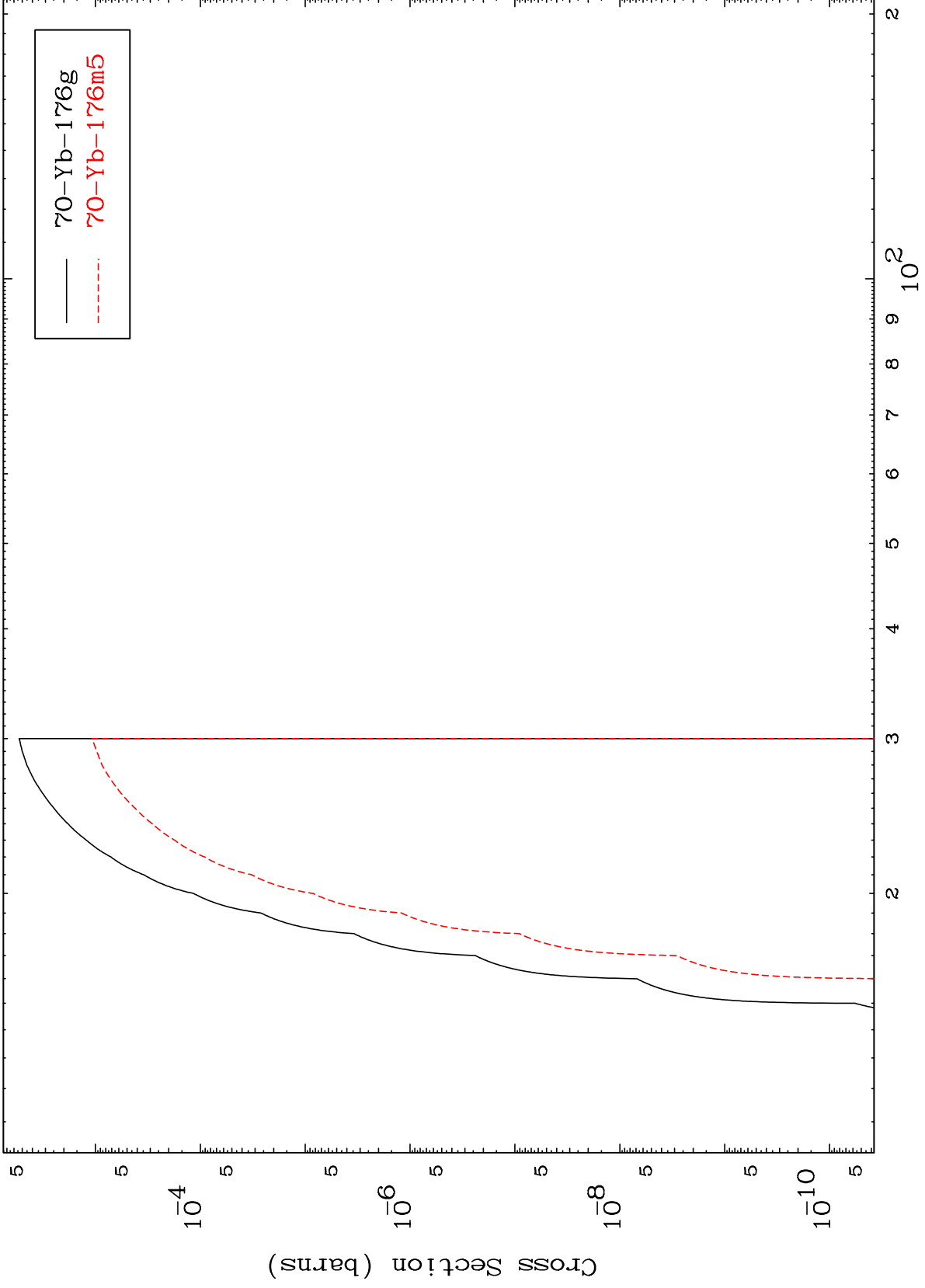
71-Lu-179

MAT 7137

(n,n') t

71-Lu-179

Radionuclide Production Cross Section



140

Incident Energy (MeV)

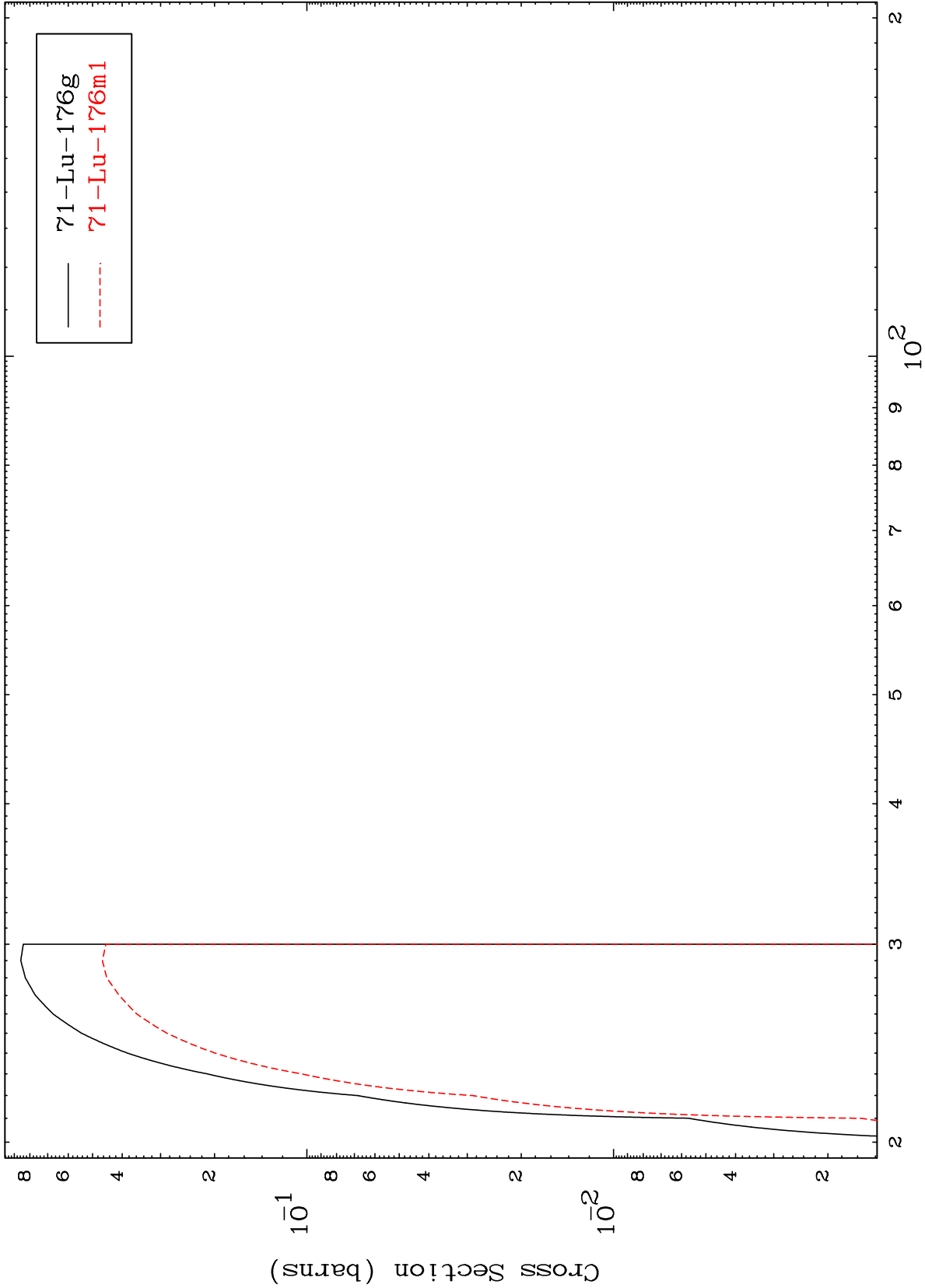
71-Lu-179

MAT 7137

(n,4n)

71-Lu-179

Radionuclide Production Cross Section



141

Incident Energy (MeV)

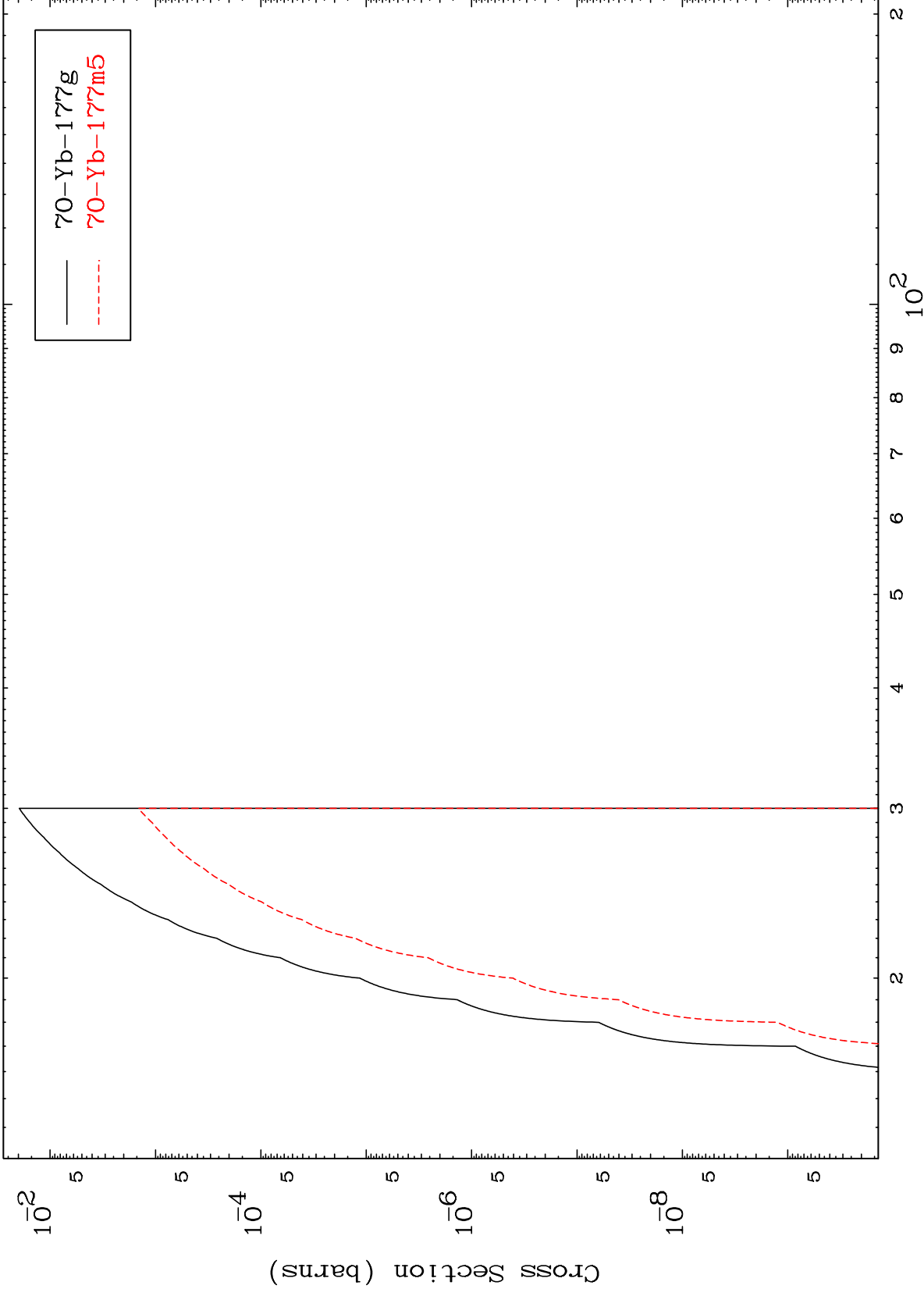
71-Lu-179

MAT 7137

(n,2n) p

71-Lu-179

Radionuclide Production Cross Section



142

Incident Energy (MeV)

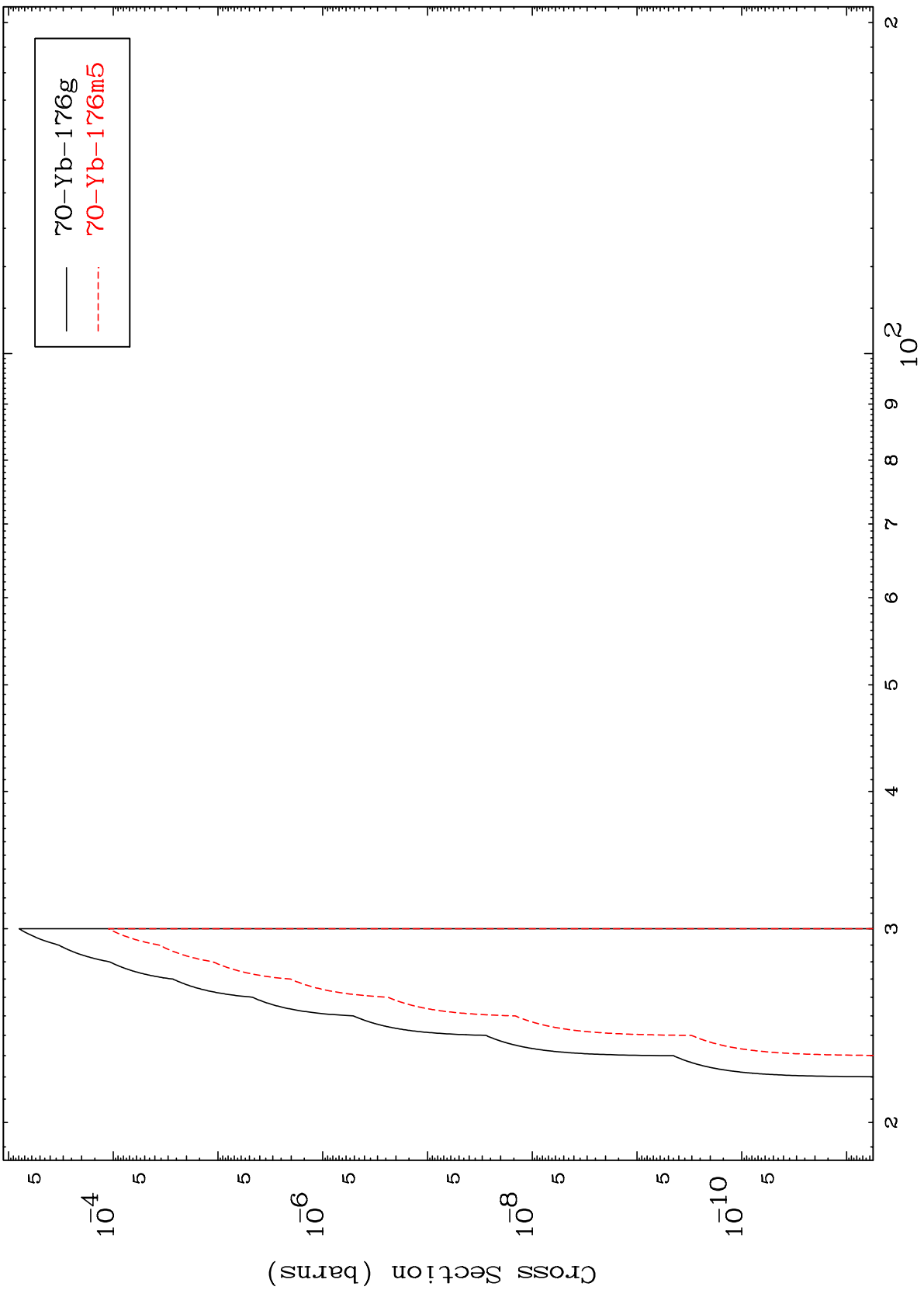
71-Lu-179

MAT 7137

(n,3n) p

71-Lu-179

Radionuclide Production Cross Section



143

Incident Energy (MeV)

71-Lu-179

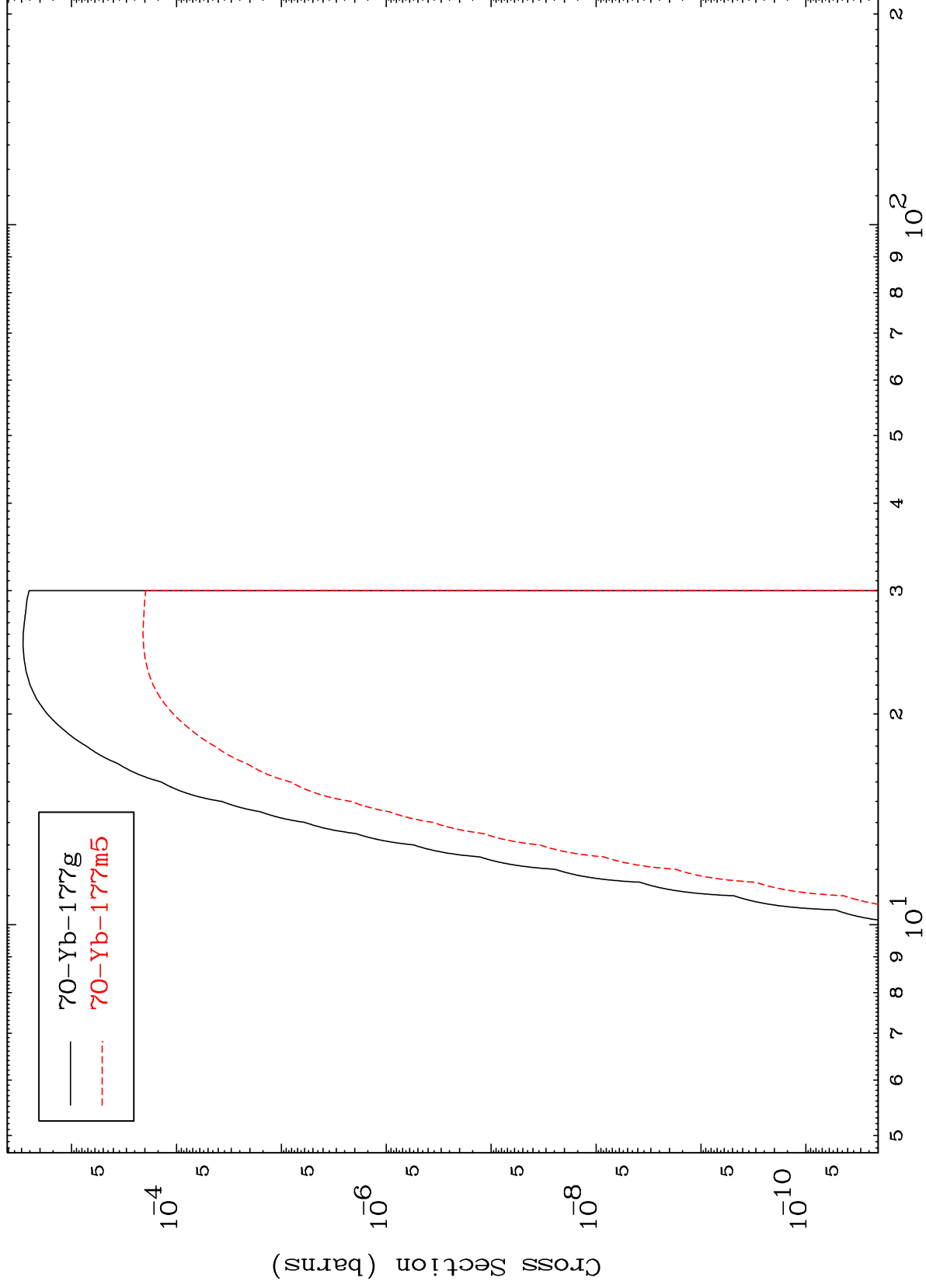


MAT 7137

(n, t)

71-Lu-179

Radionuclide Production Cross Section



— 70-Yb-177g  
- - - 70-Yb-177m5

144

Incident Energy (MeV)

71-Lu-179