

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
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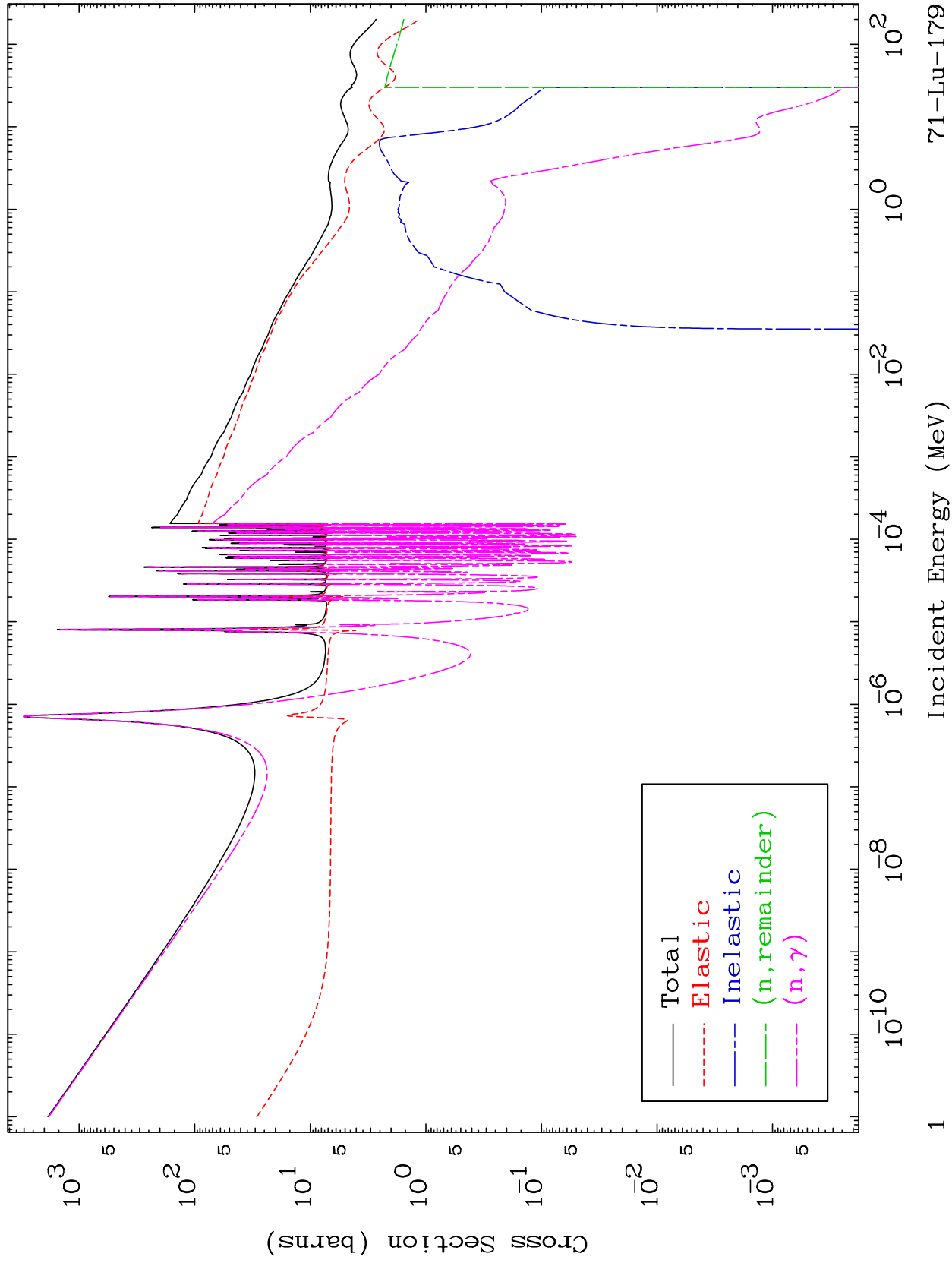
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7137

Major
293 Kelvin Cross Sections

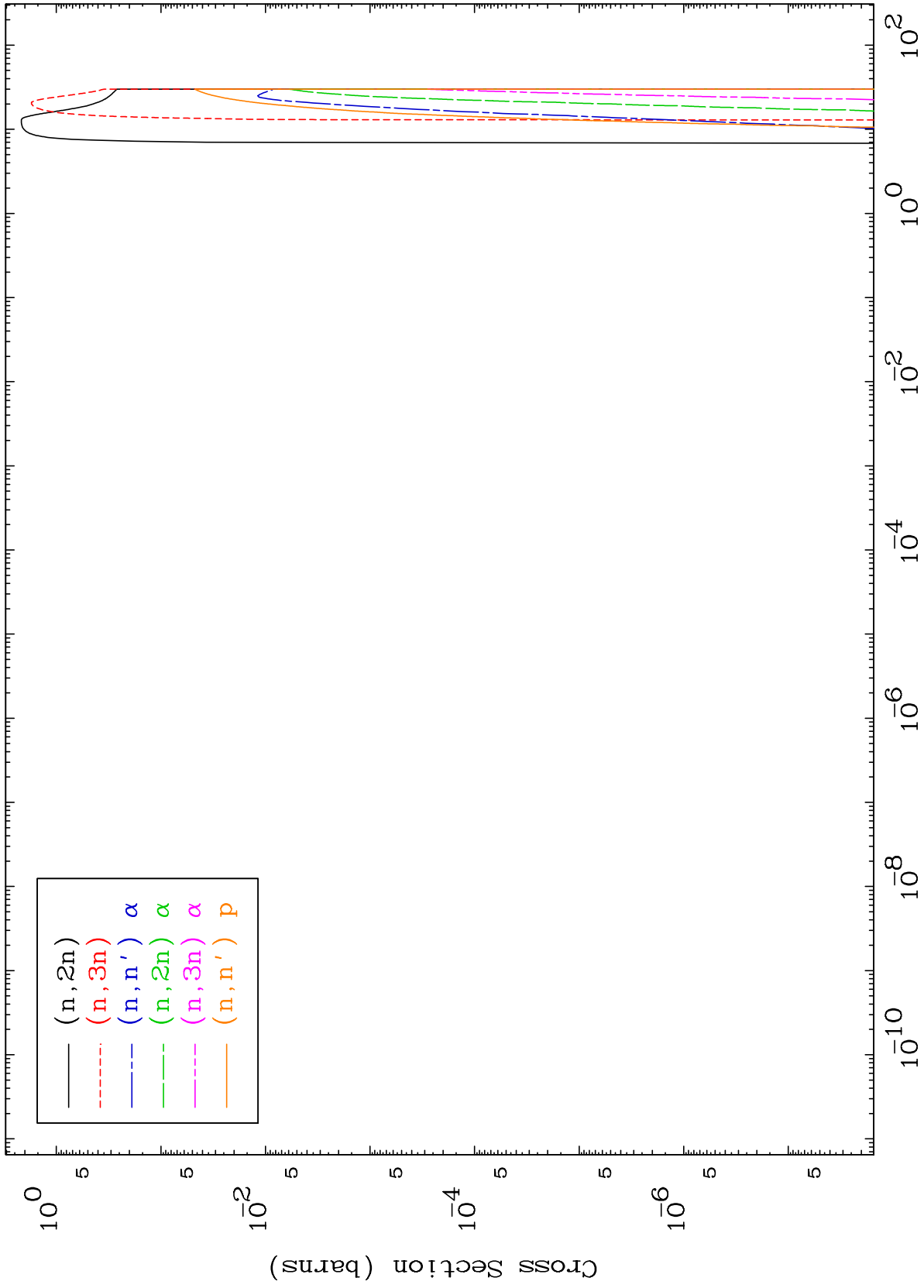
71-Lu-179



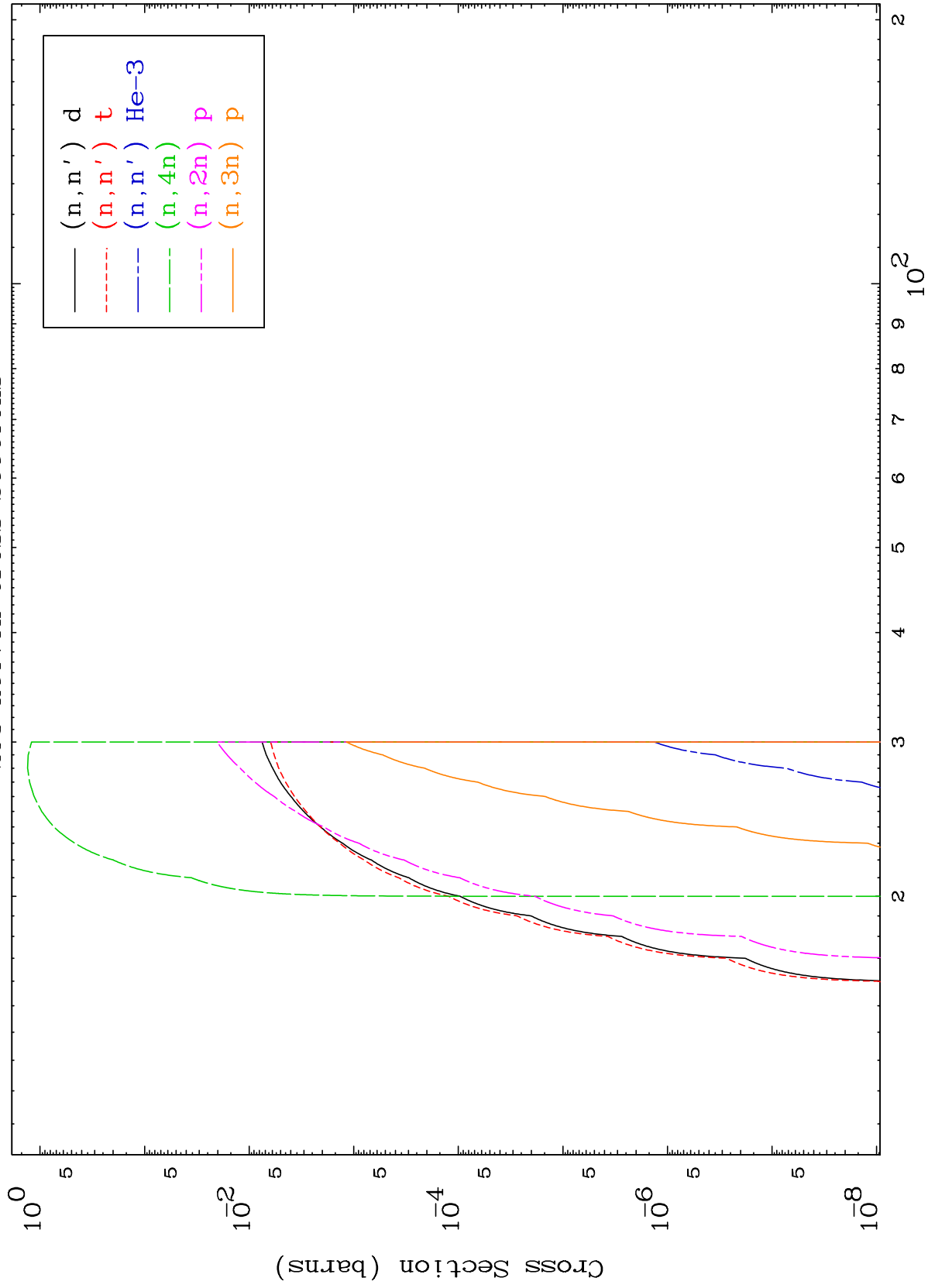
MAT 7137

Neutron Production
293 Kelvin Cross Sections

71-Lu-179



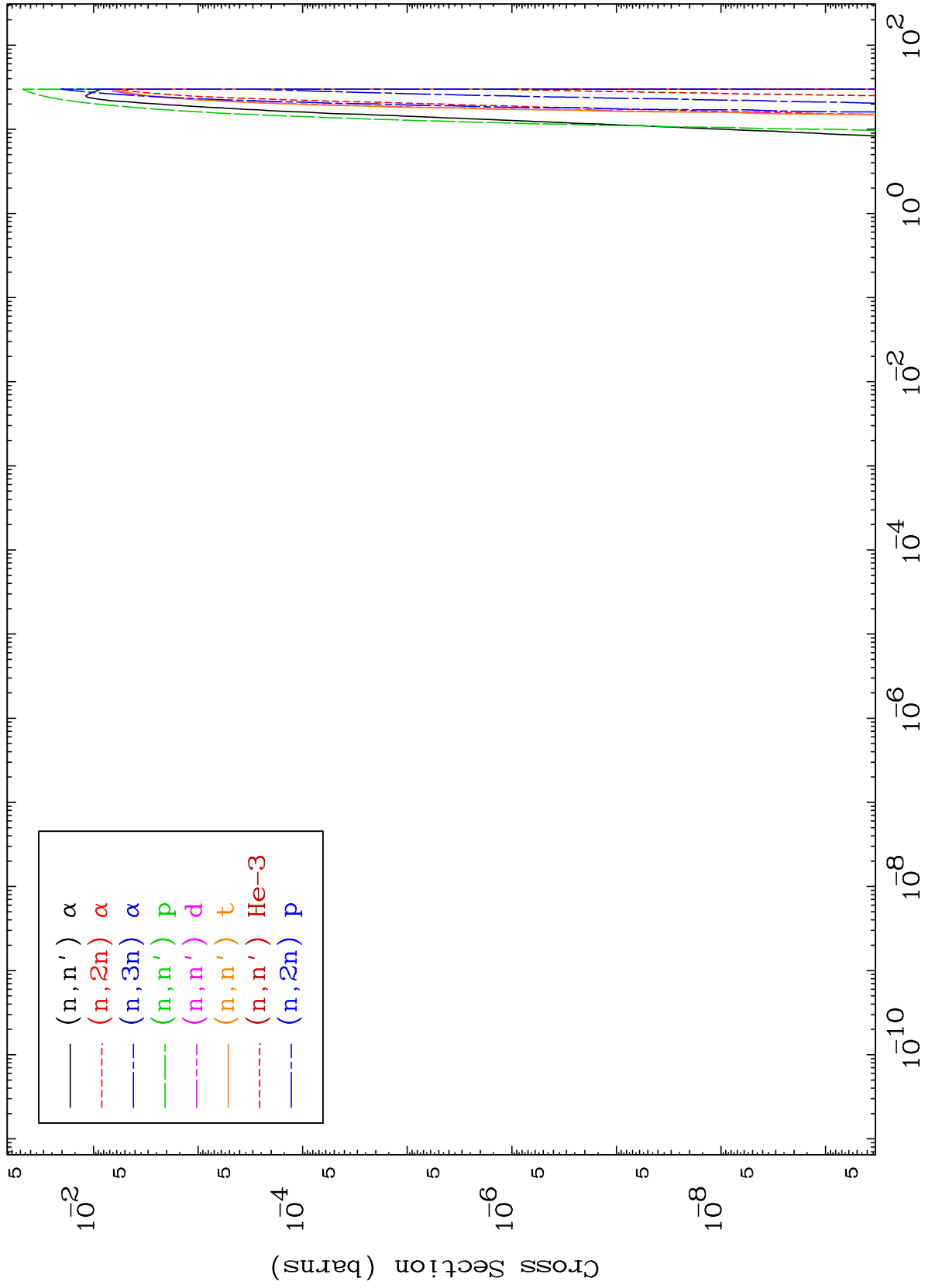
71-Lu-179



MAT 7137

293 Charged Particle
Kelvin Cross Sections

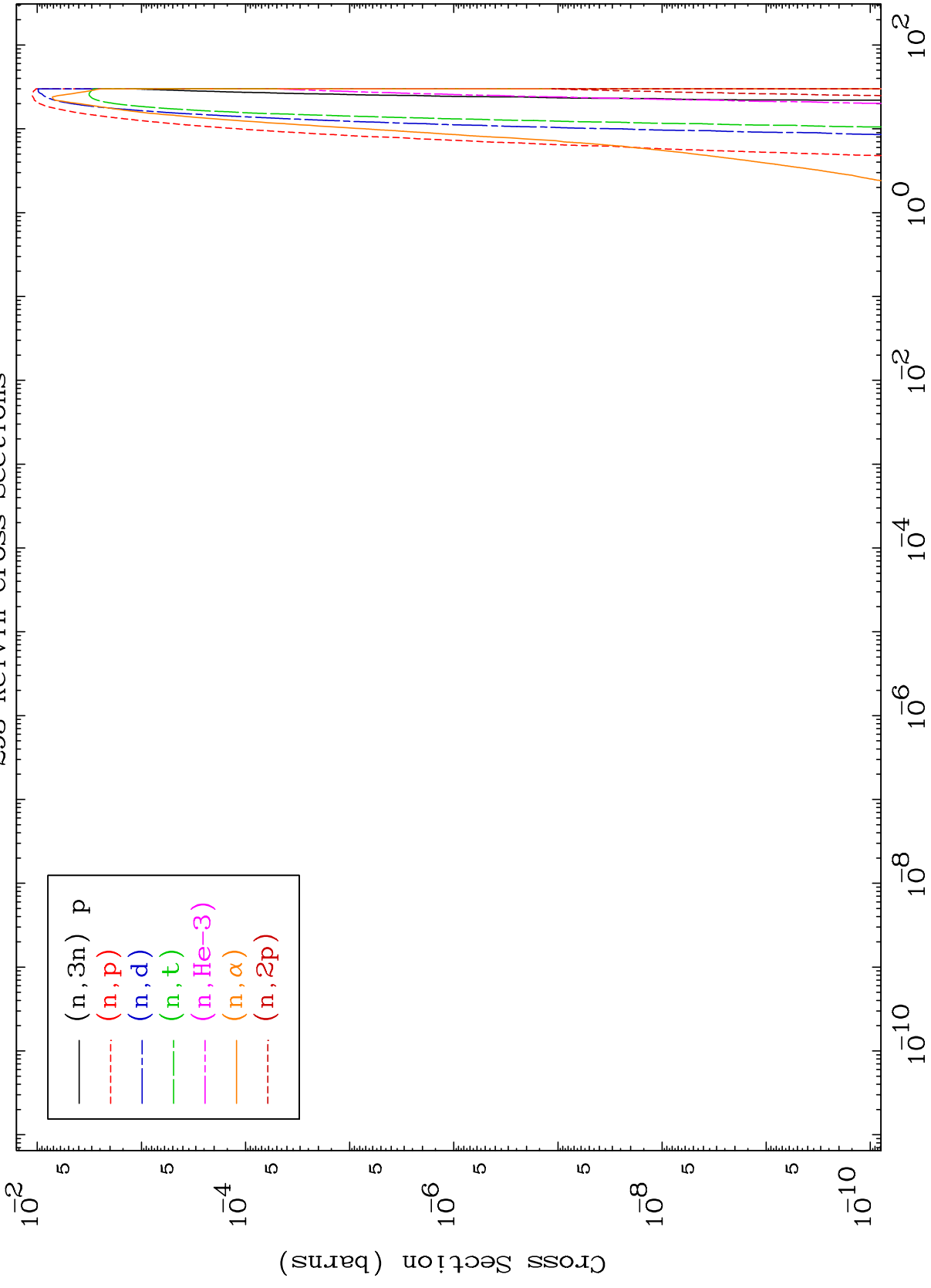
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MAT 7137

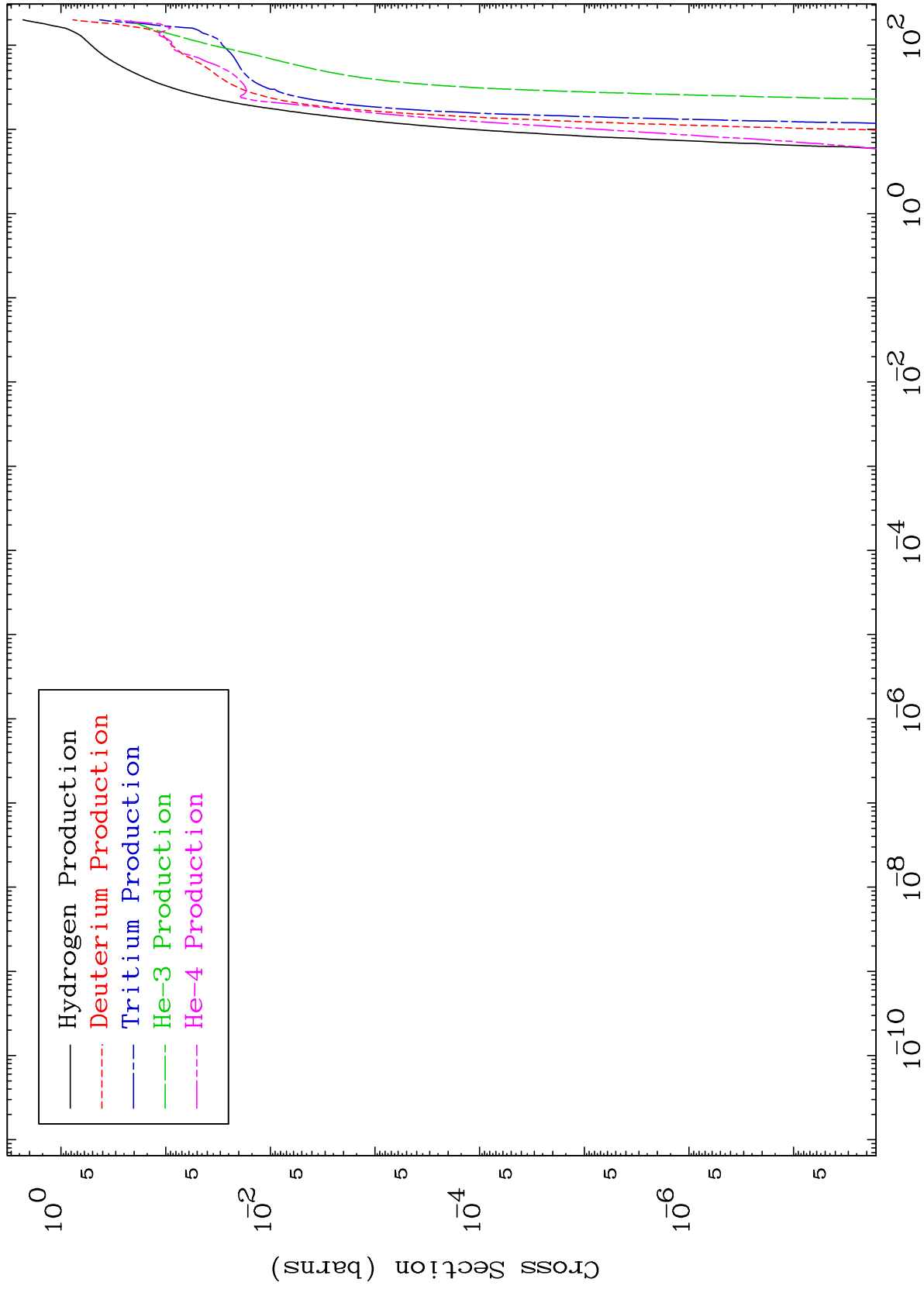
293 Kelvin Cross Sections

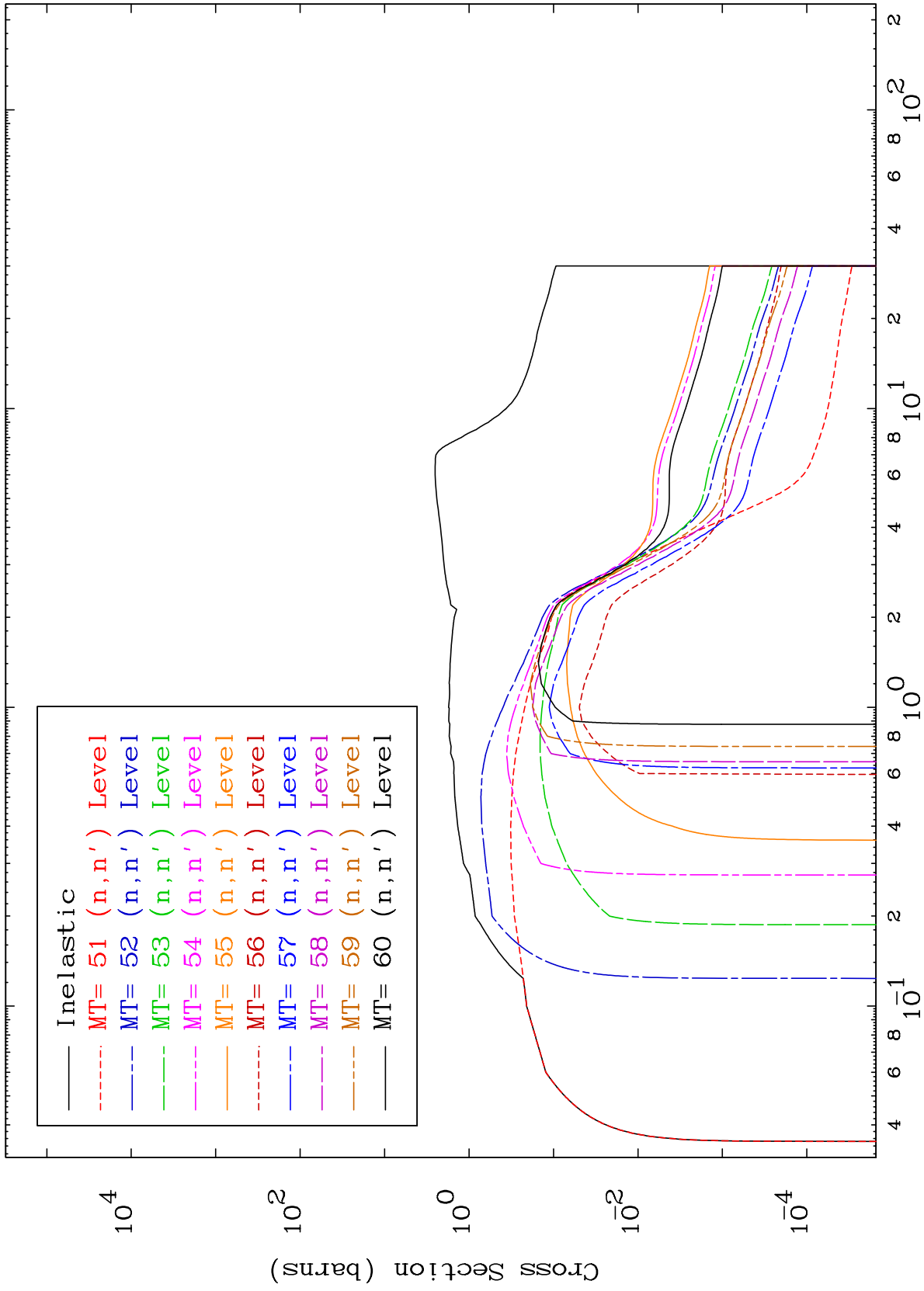
71-Lu-179



5

71-Lu-179



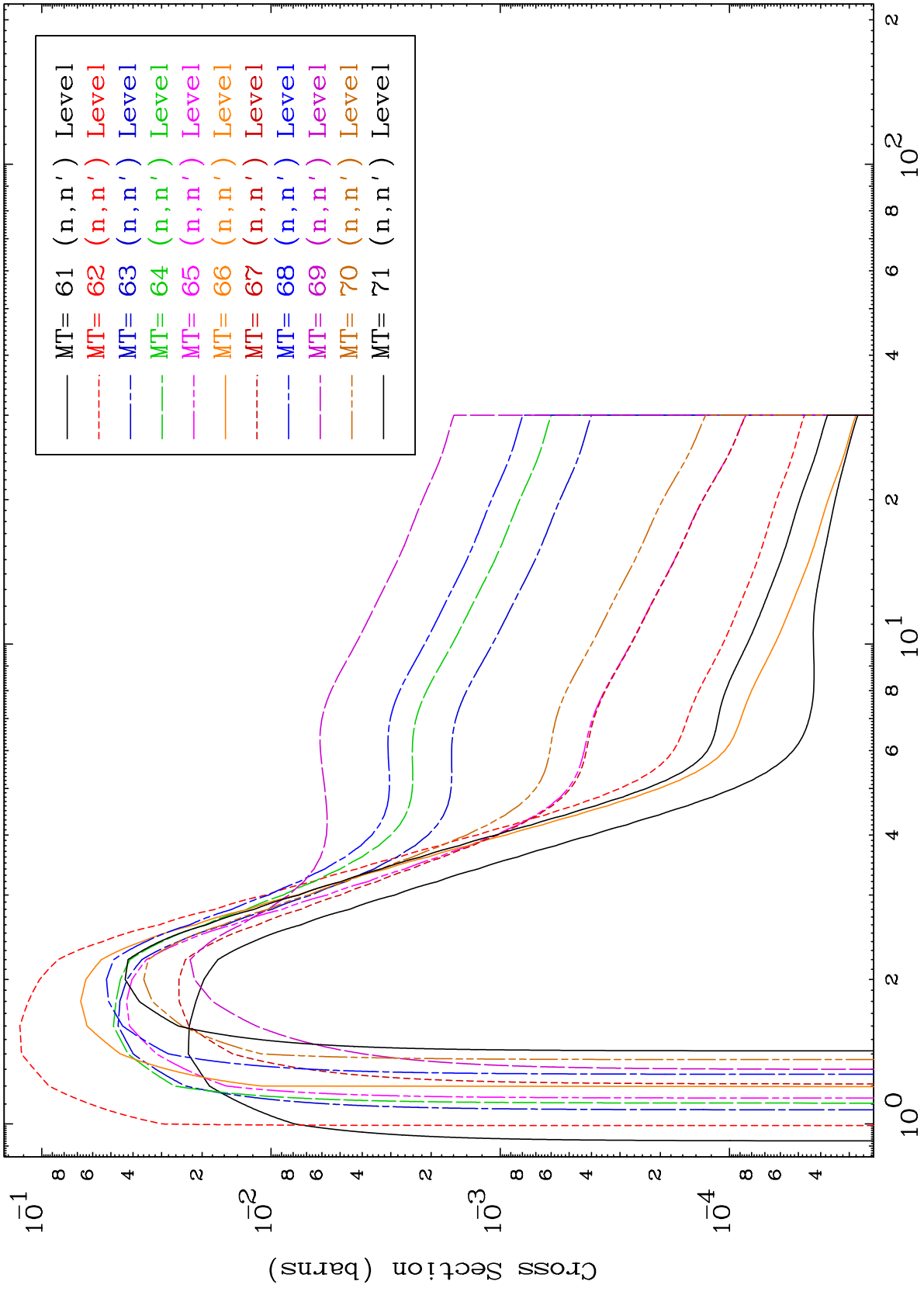


MAT 7137

(n,n') Level

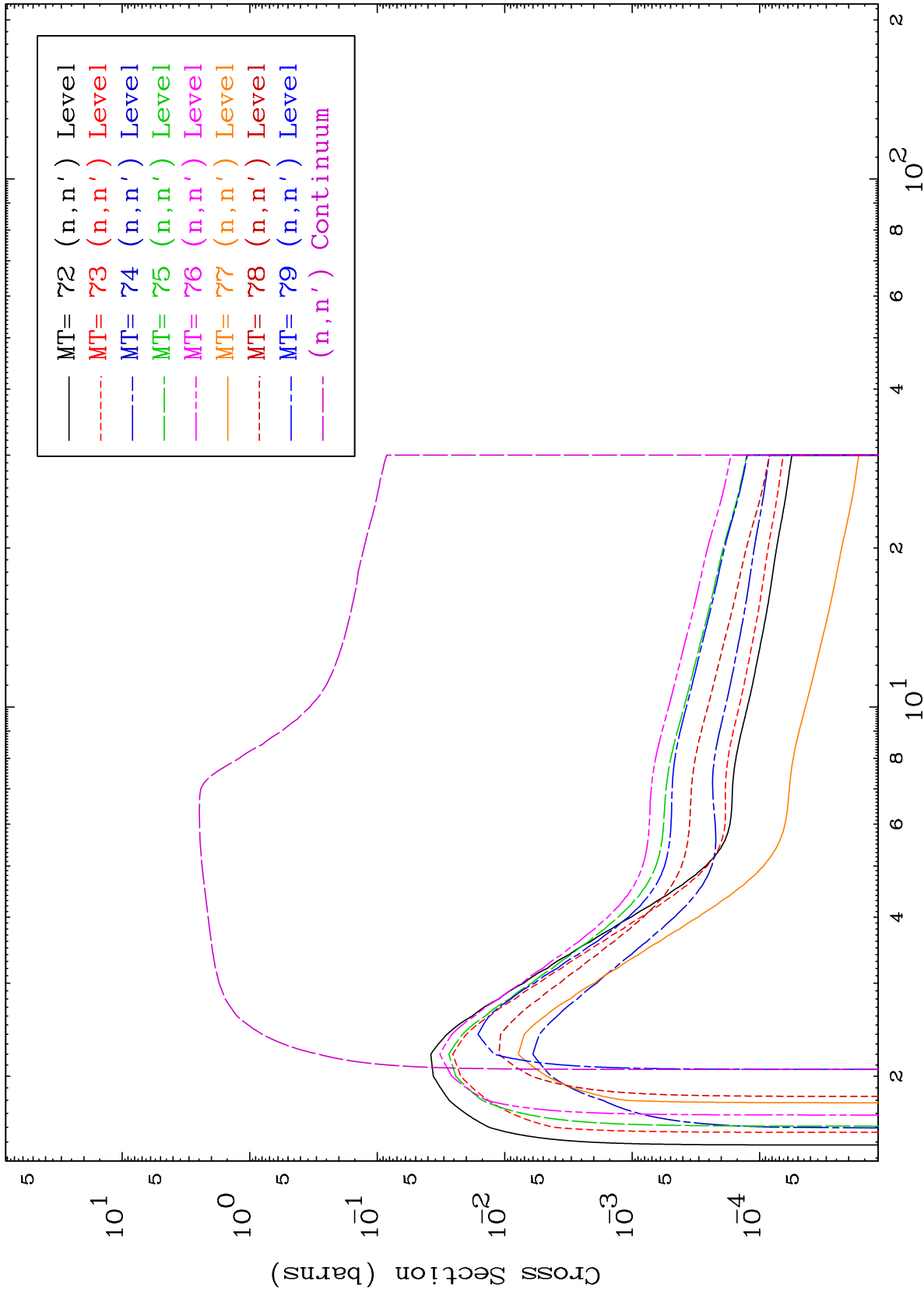
71-Lu-179

293 Kelvin Cross Sections



Incident Energy (MeV)

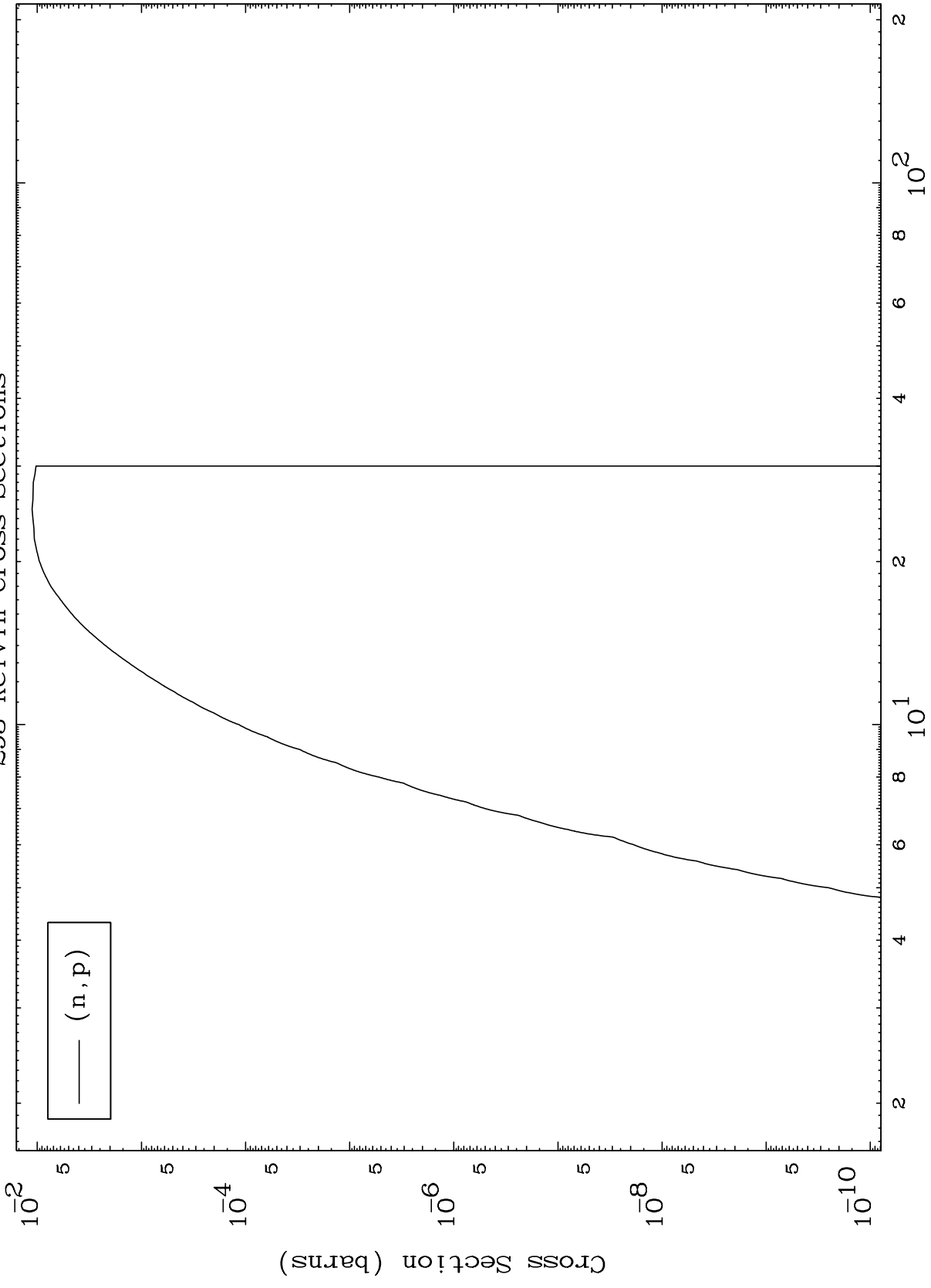
71-Lu-179



MAT 7137

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-179



10

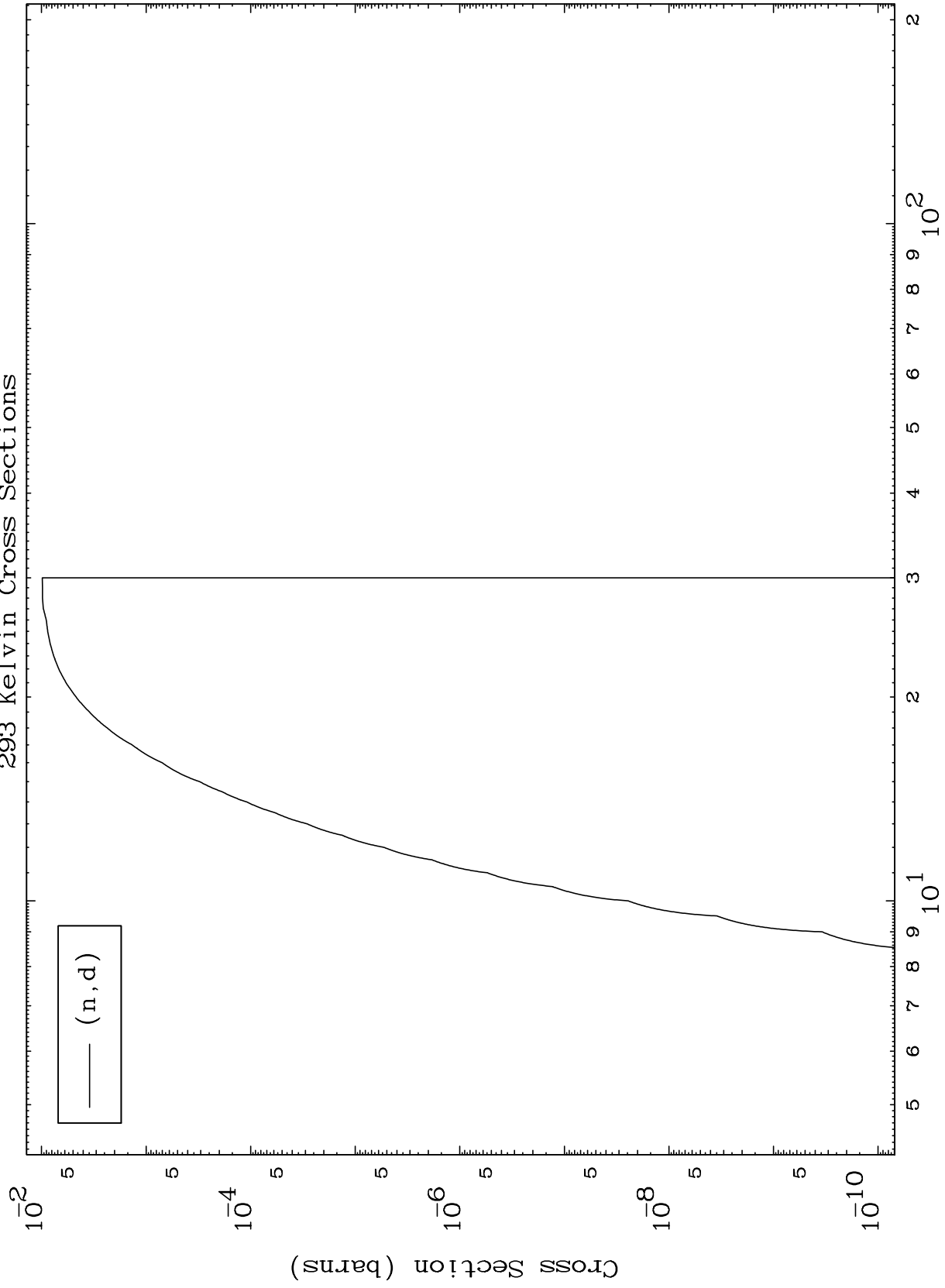
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,d) Levels
293 Kelvin Cross Sections

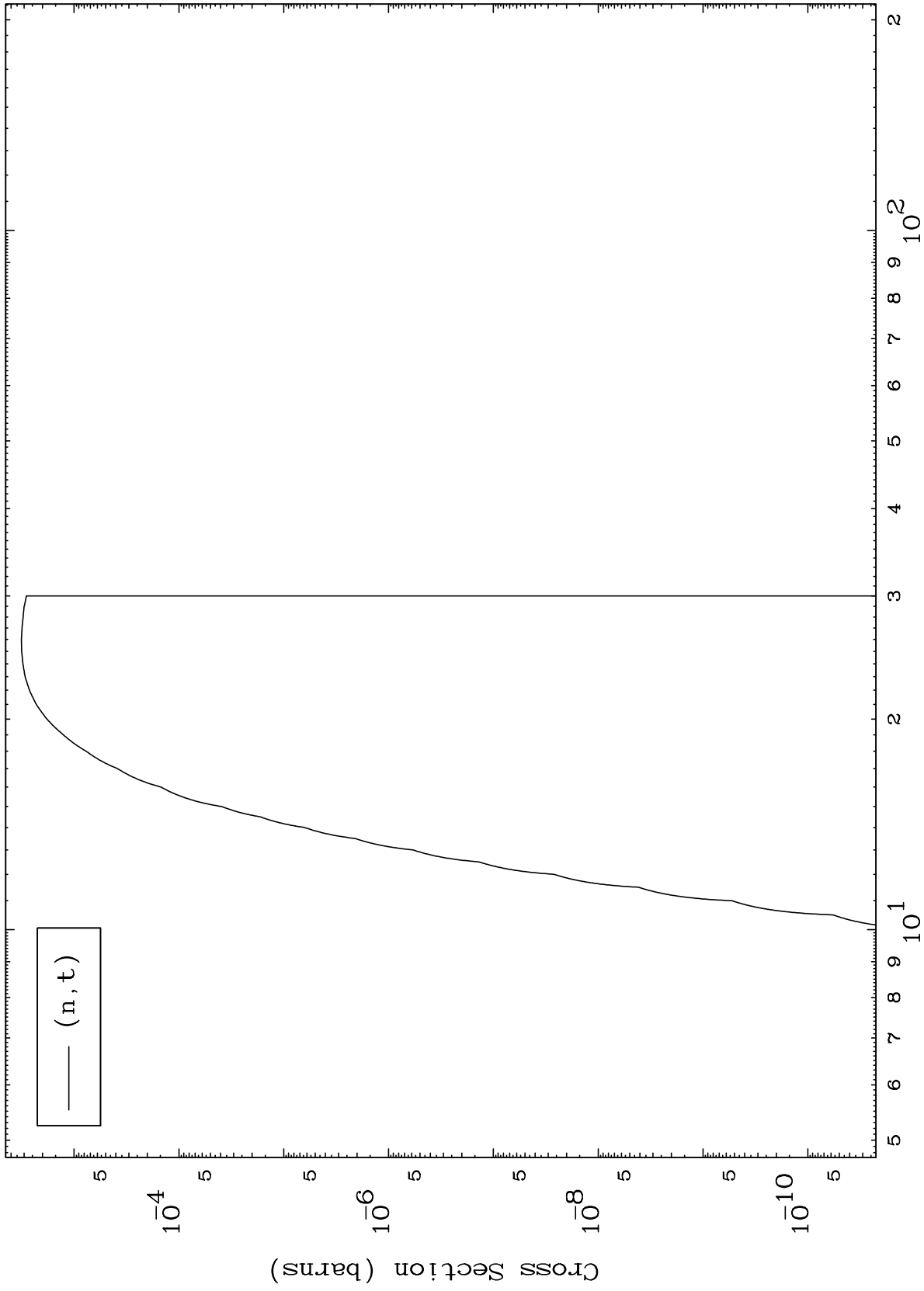
71-Lu-179



MAT 7137

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-179



12

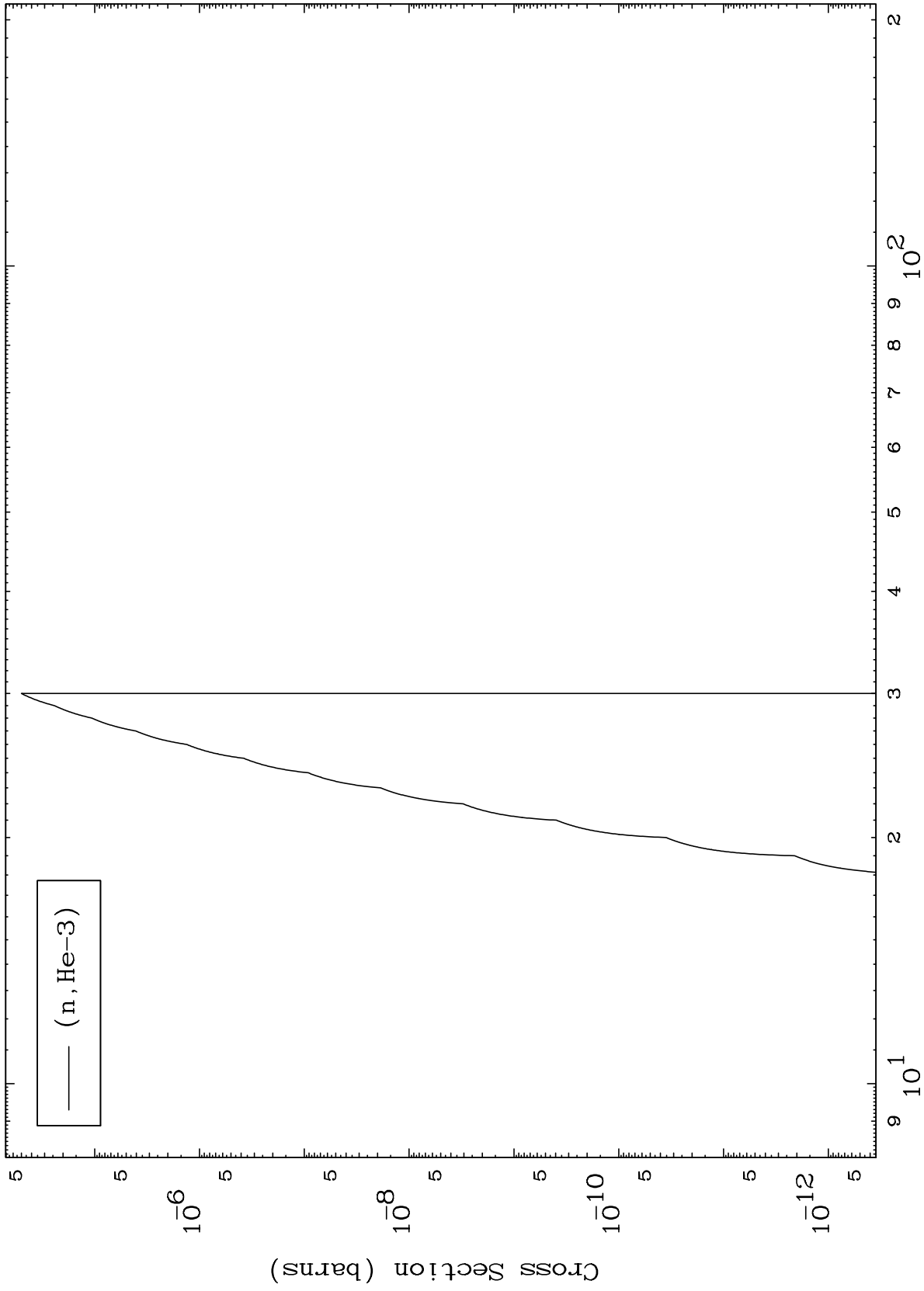
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-179



13

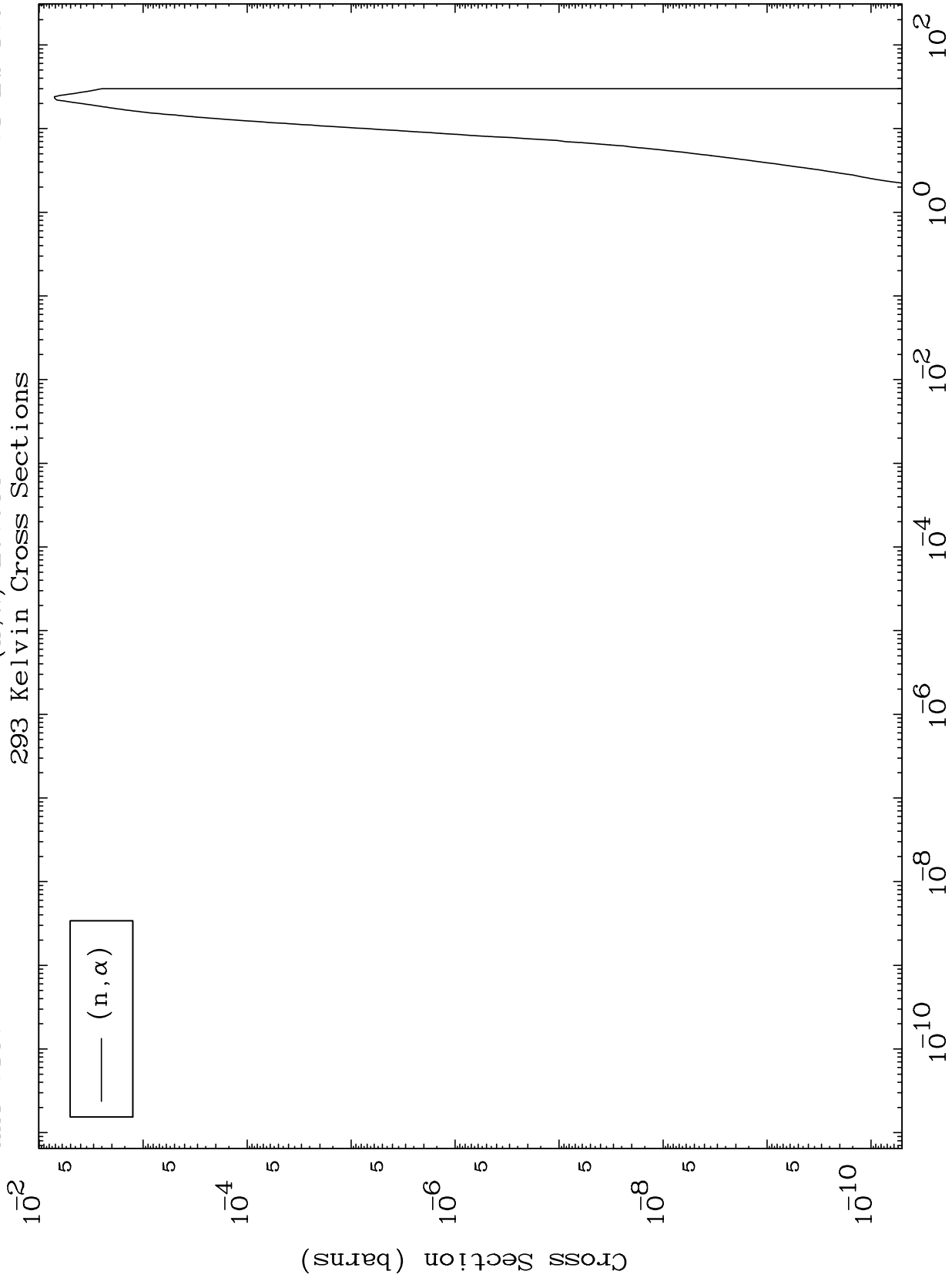
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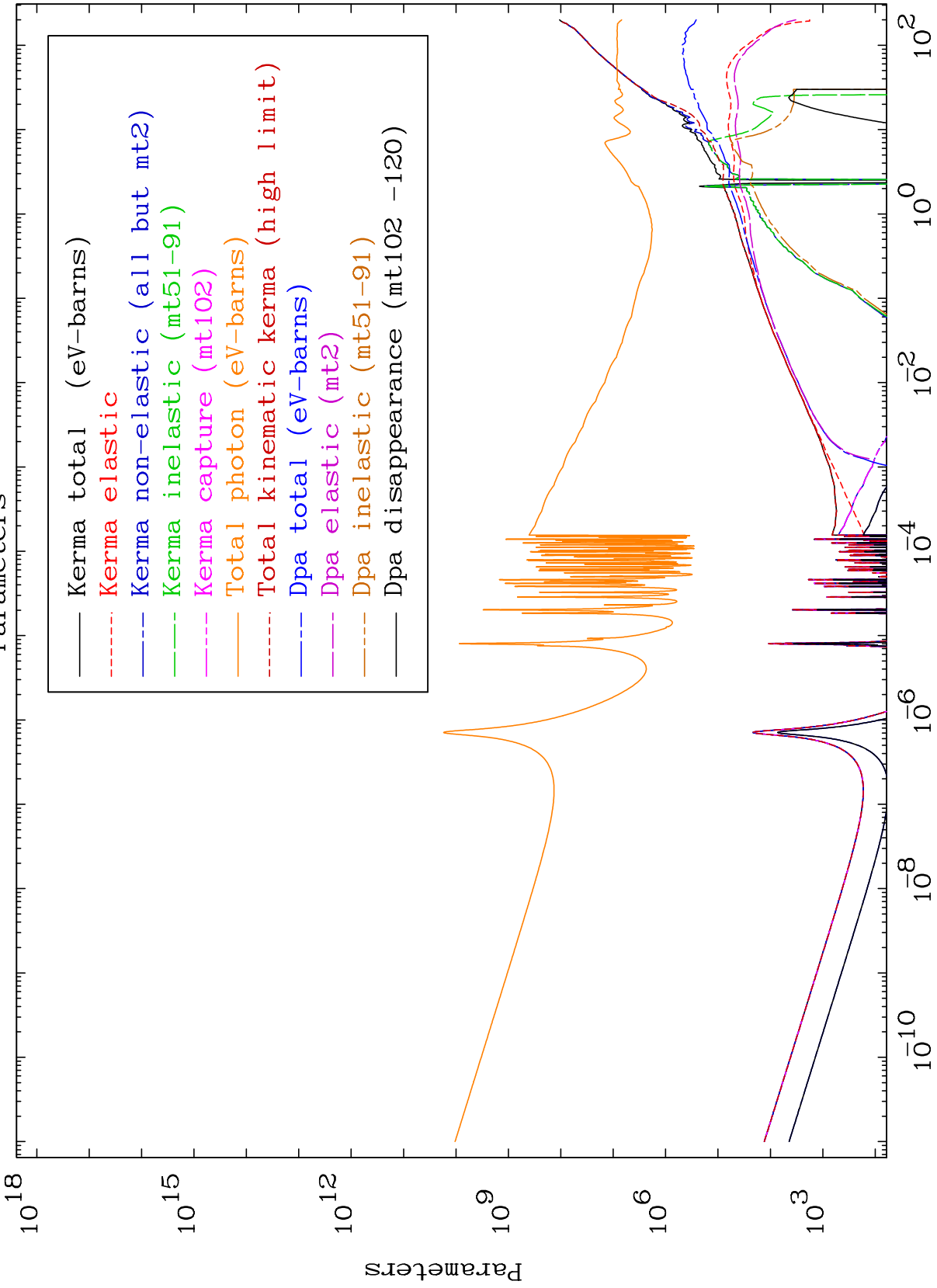
71-Lu-179

MAT 7137

(n,α) Levels
293 Kelvin Cross Sections

71-Lu-179

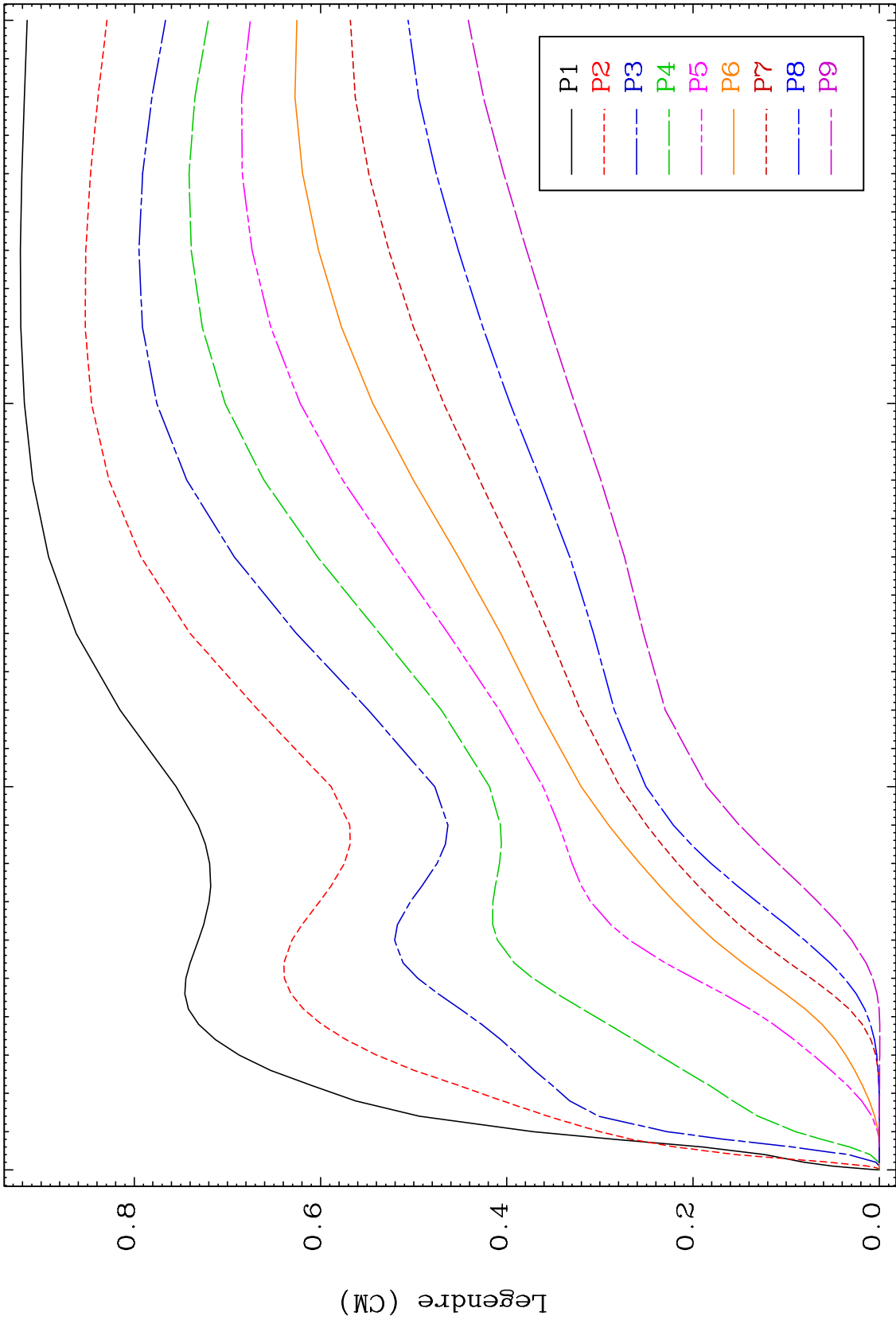




MAT 7137

71-Lu-179

Elastic Legendre Coefficients



16

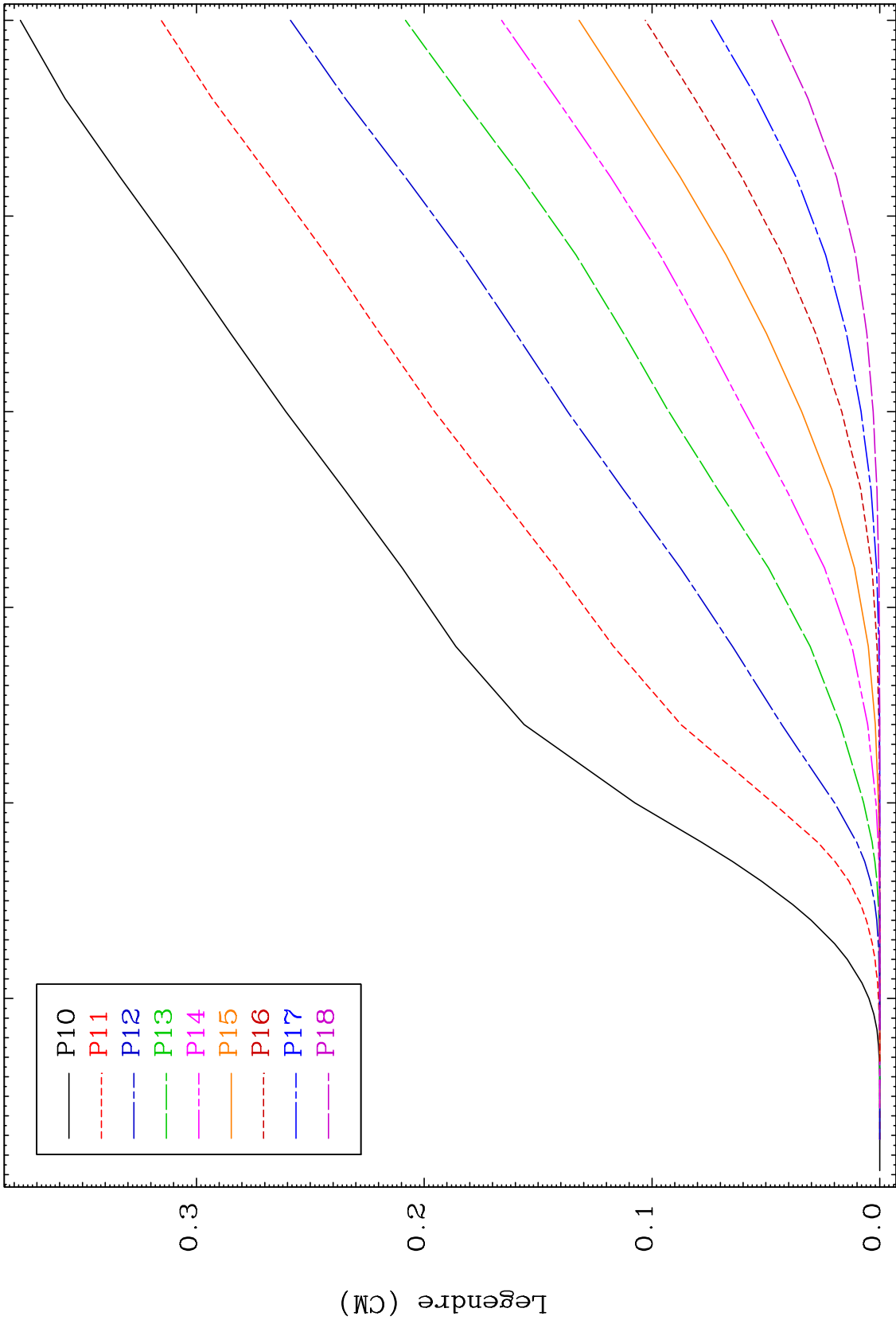
Incident Energy (MeV)

71-Lu-179

MAT 7137

Elastic Legendre Coefficients

71-Lu-179



17

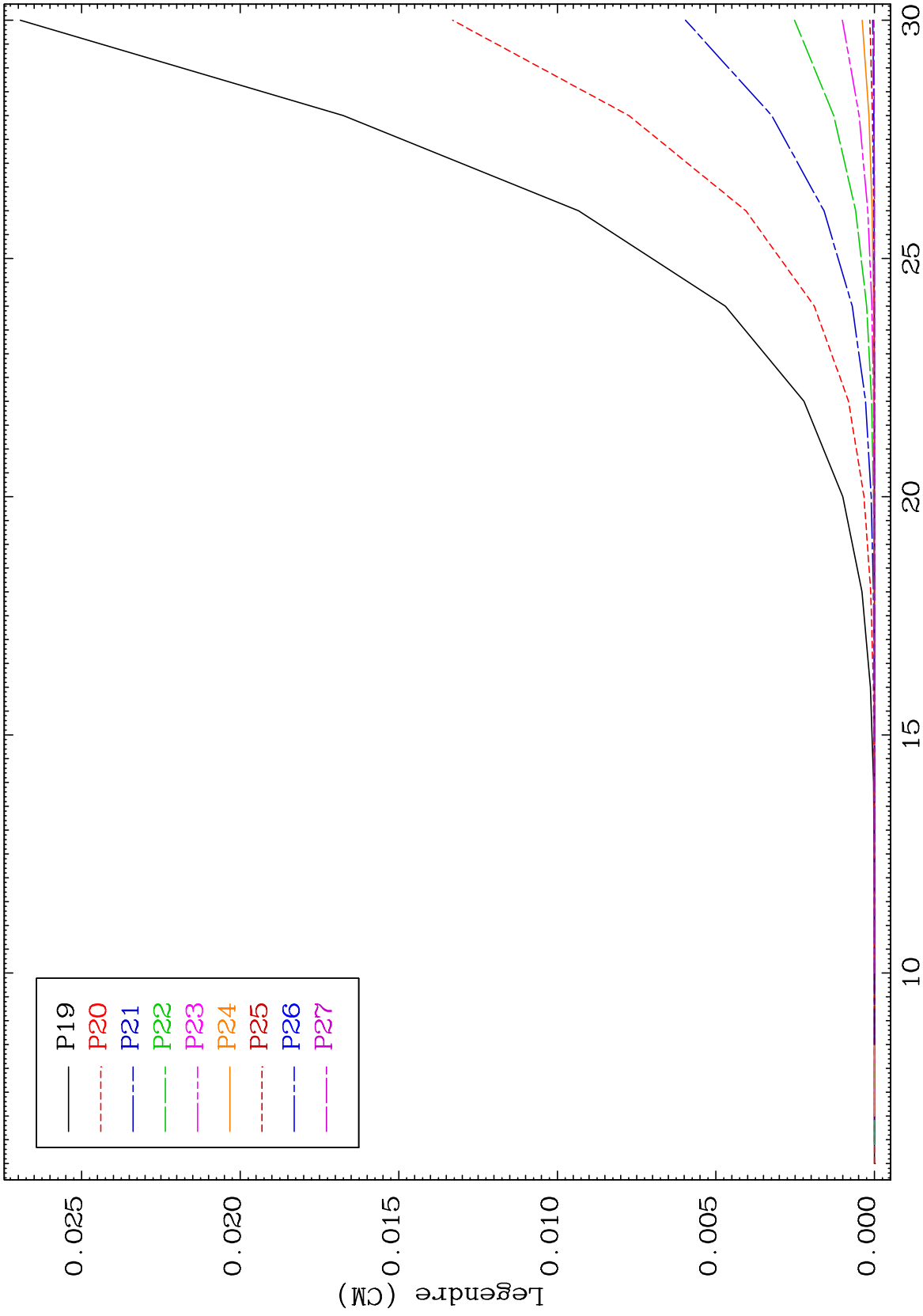
Incident Energy (MeV)

71-Lu-179

MAT 7137

Elastic Legendre Coefficients

71-Lu-179



18

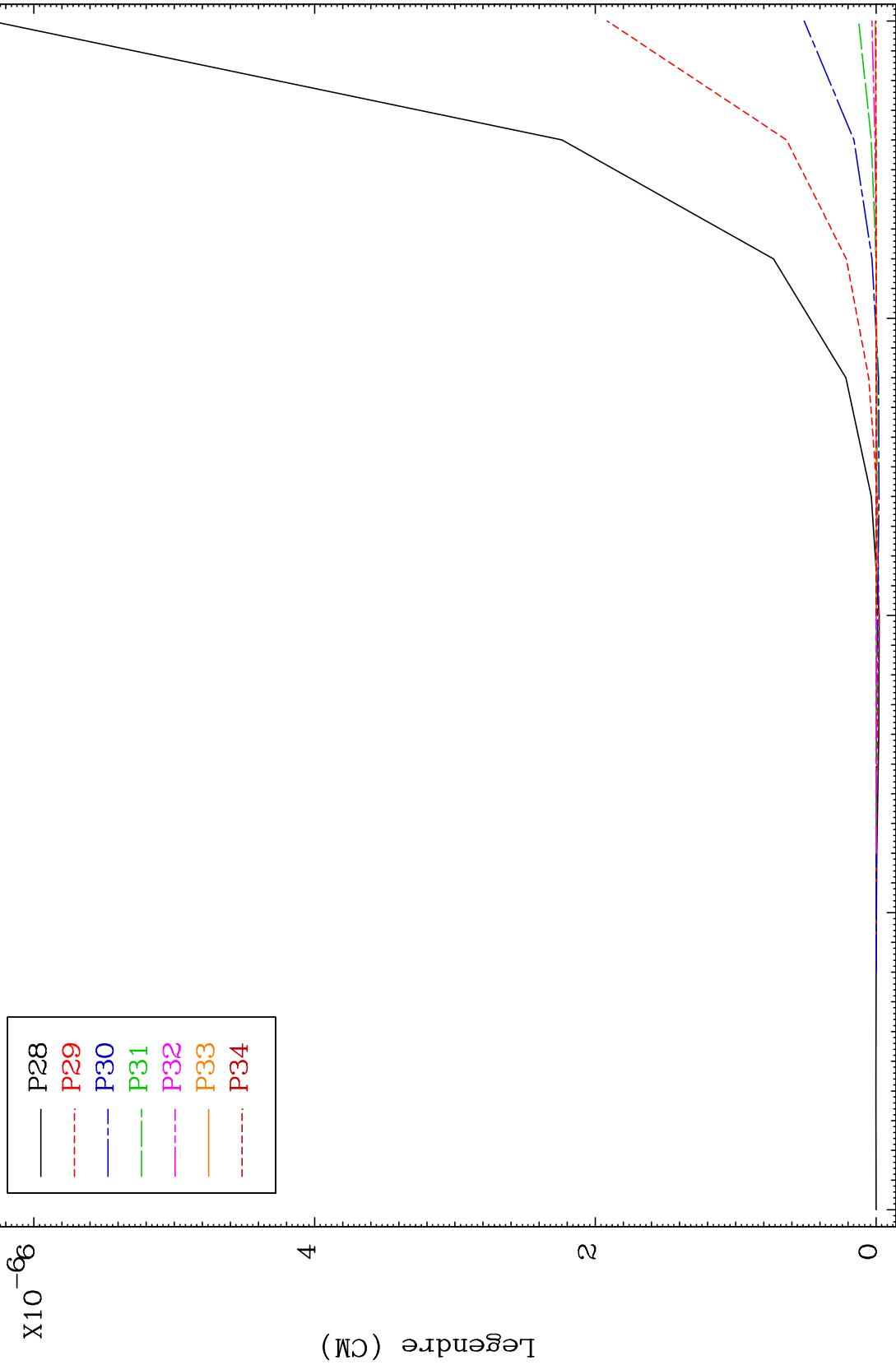
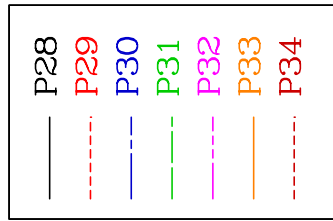
Incident Energy (MeV)

71-Lu-179

MAT 7137

Elastic Legendre Coefficients

71-Lu-179



19

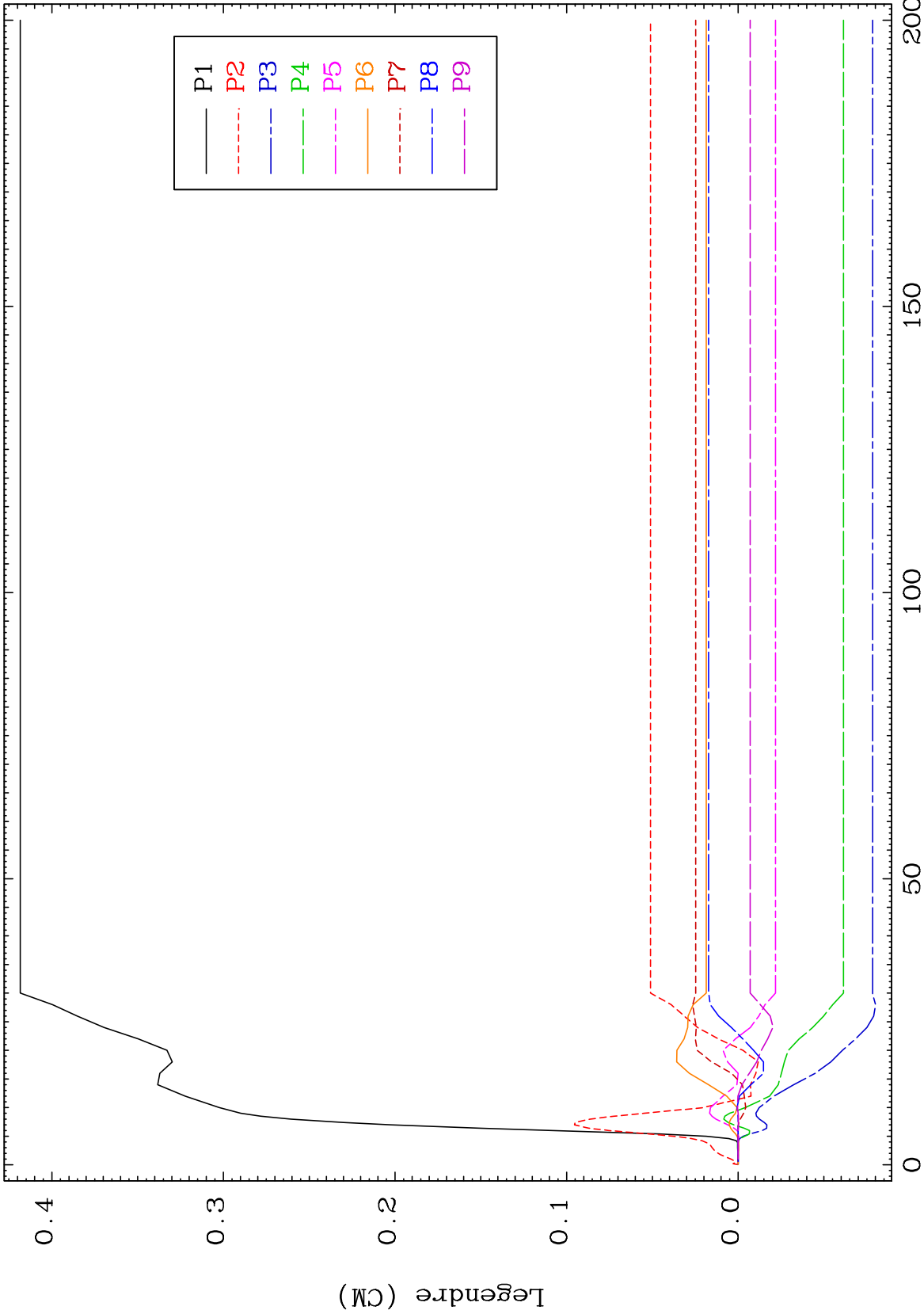
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



20

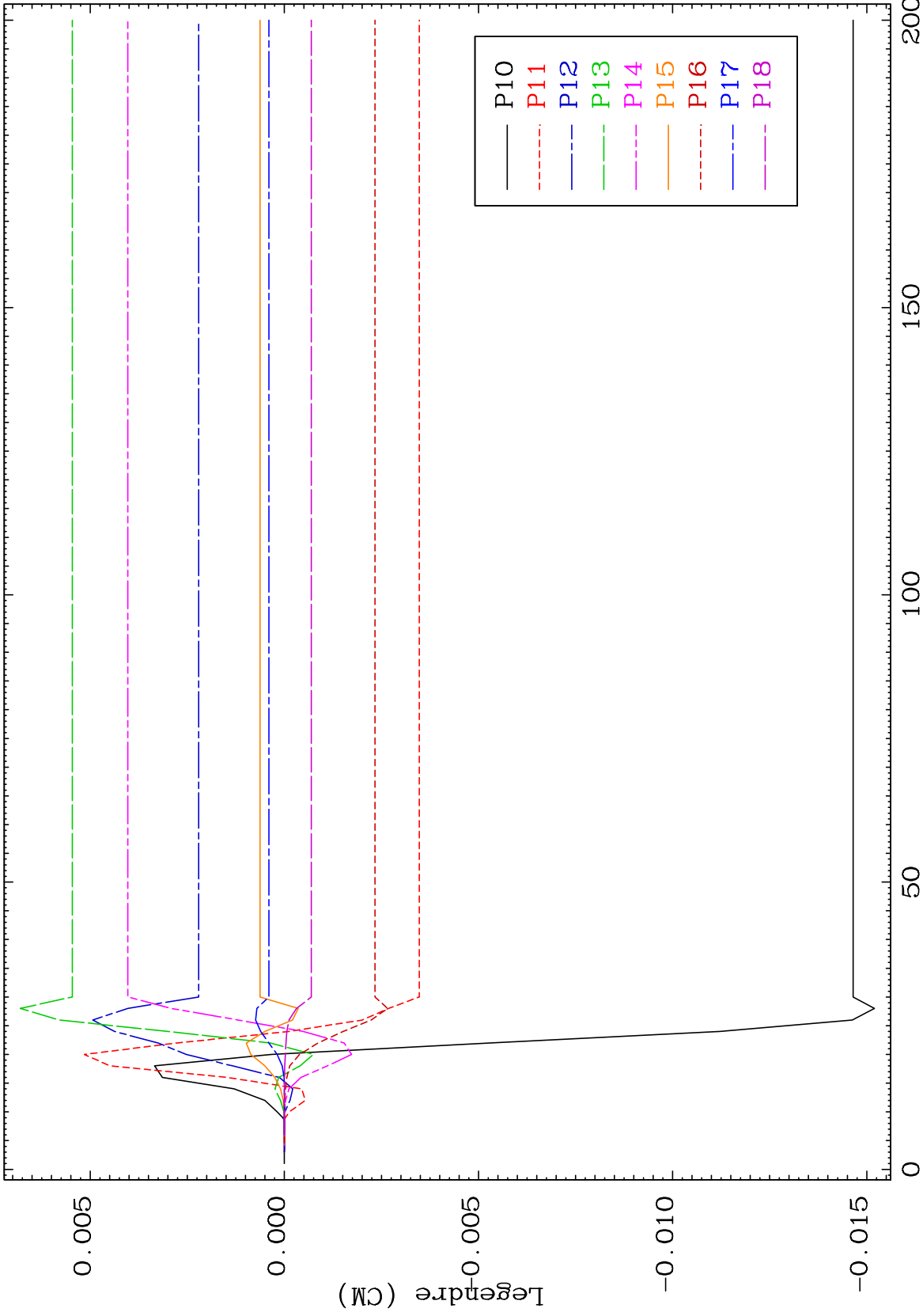
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



21

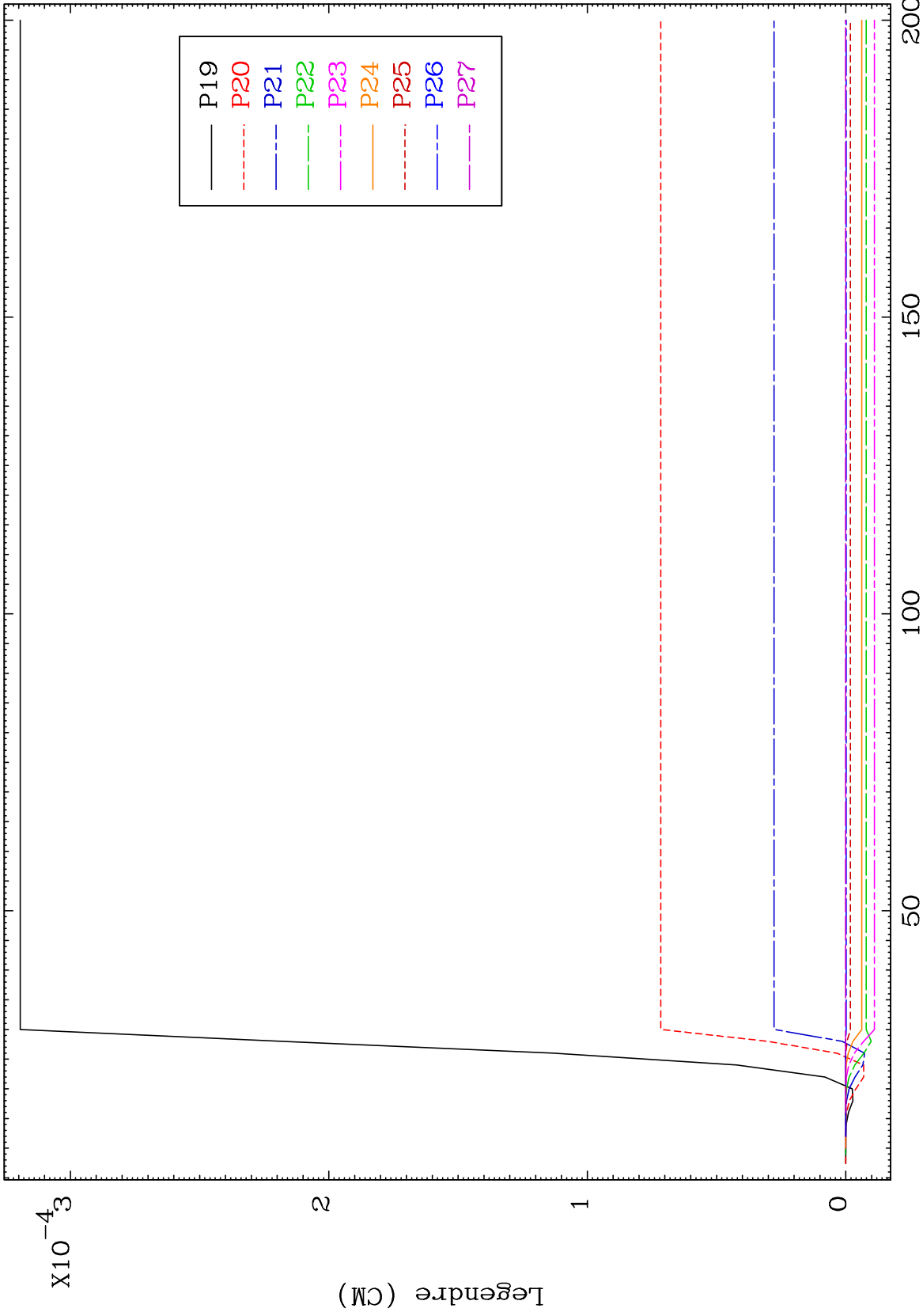
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



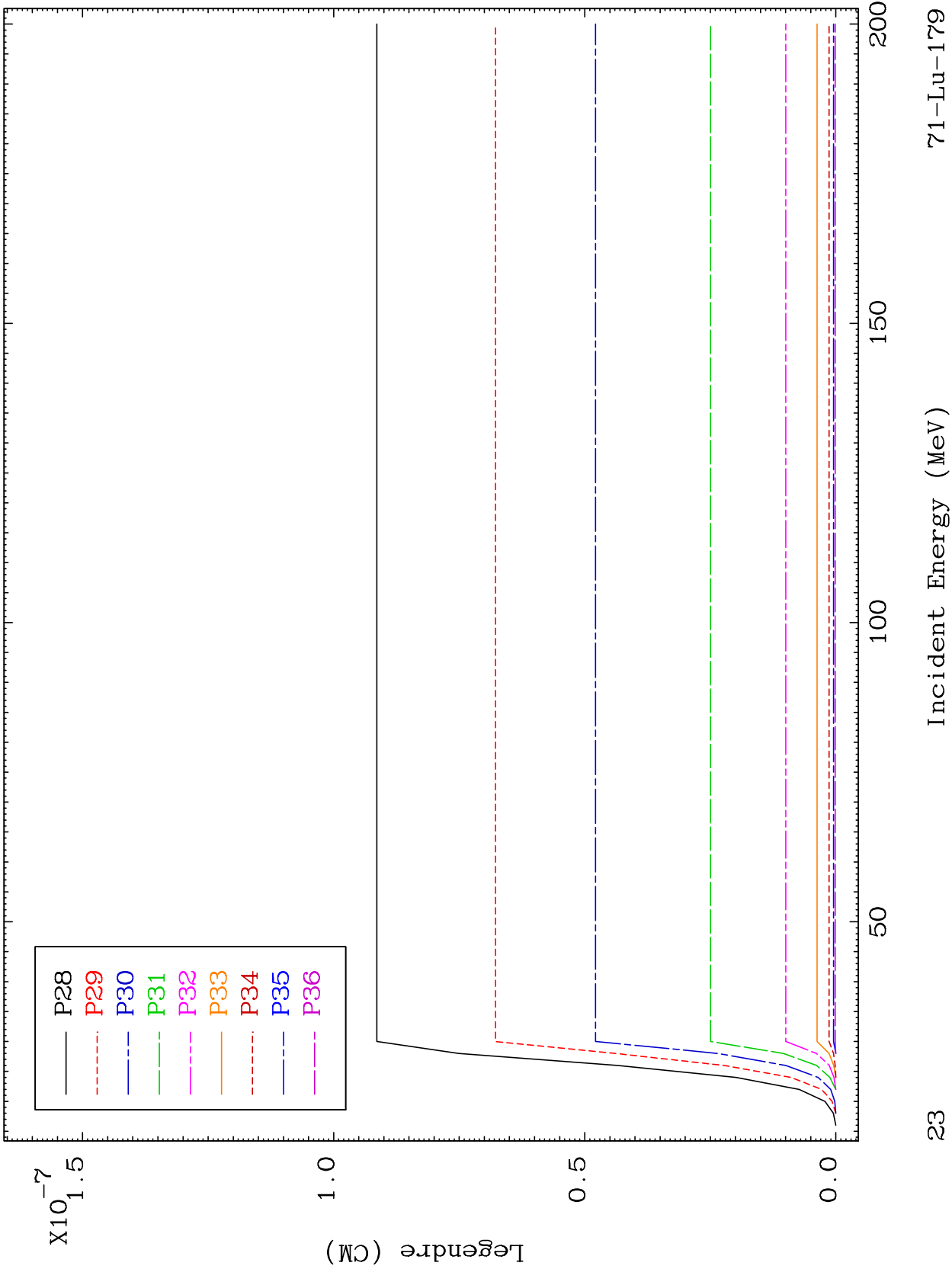
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71-Lu-179

MAT 7137

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

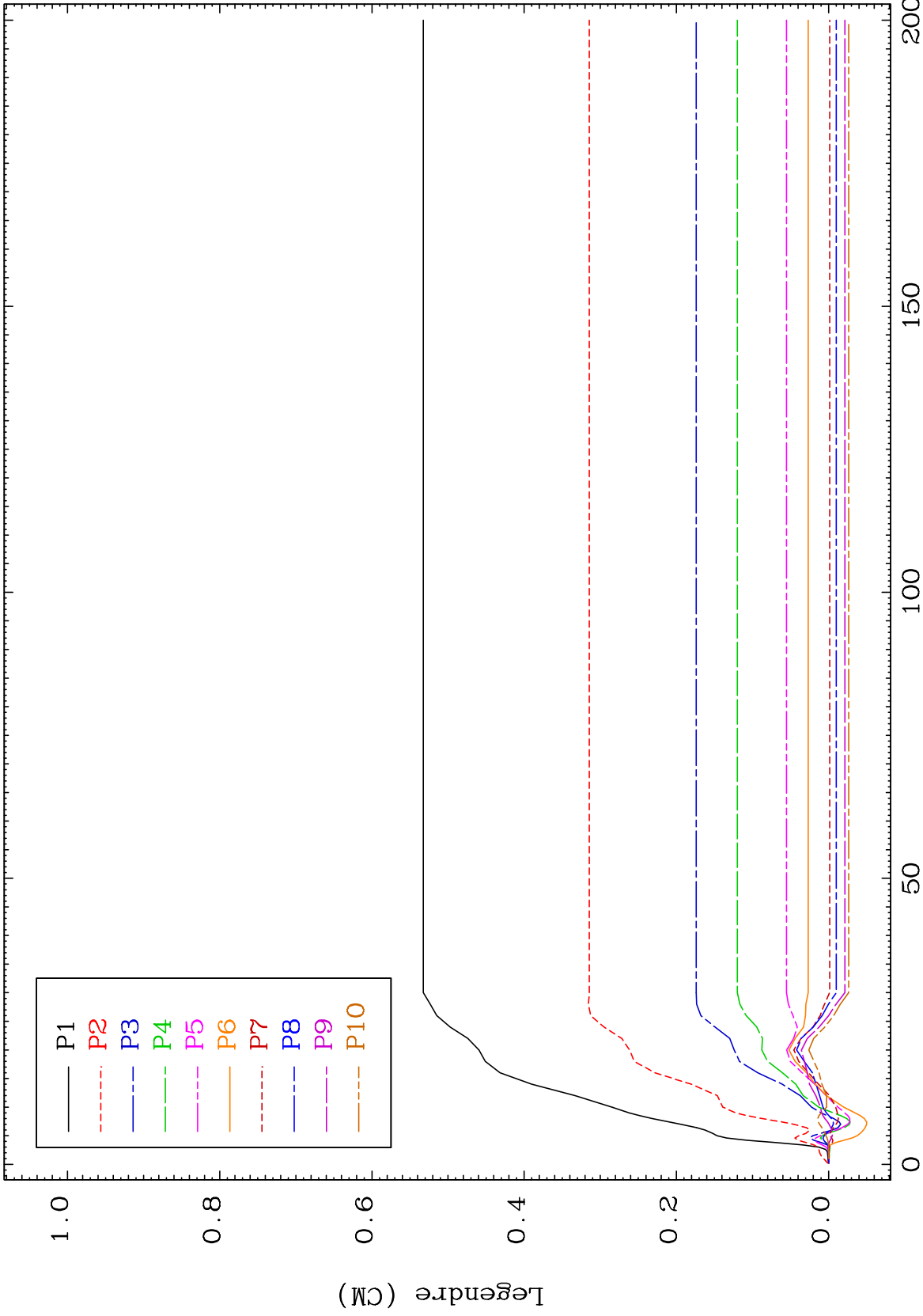
71-Lu-179



MAT 7137

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

71-Lu-179

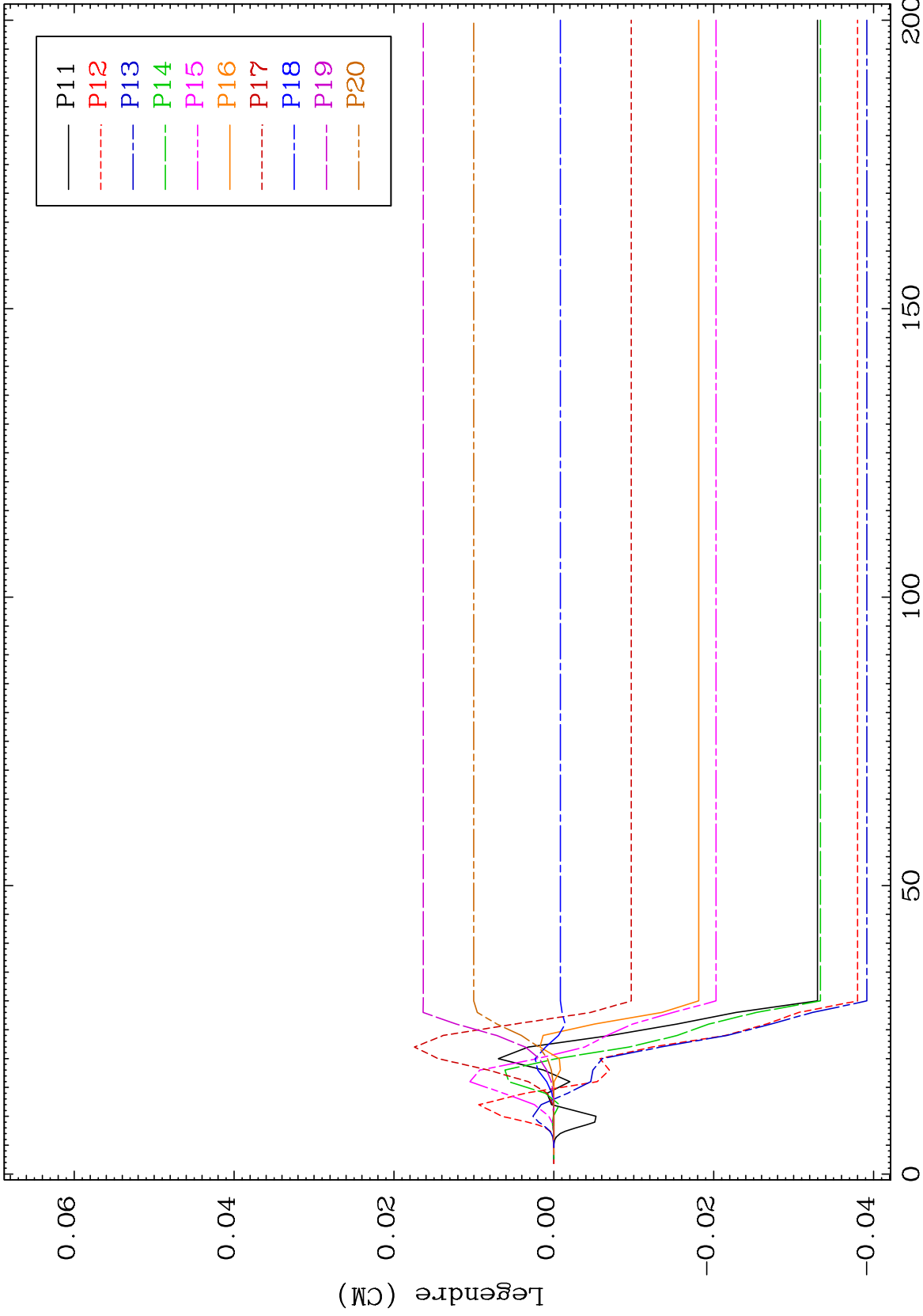


24

MAT 7137

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

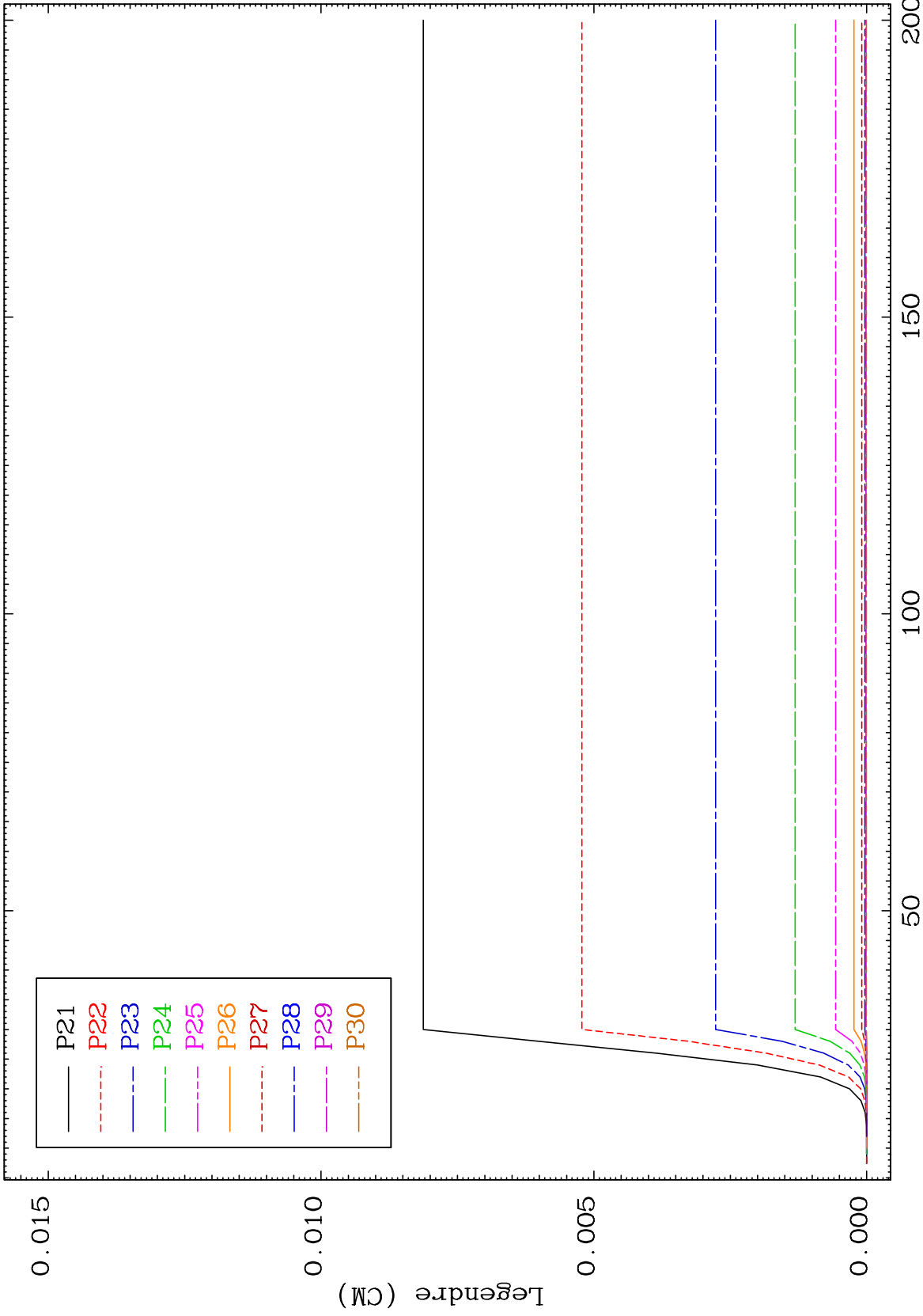
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25

Incident Energy (MeV)

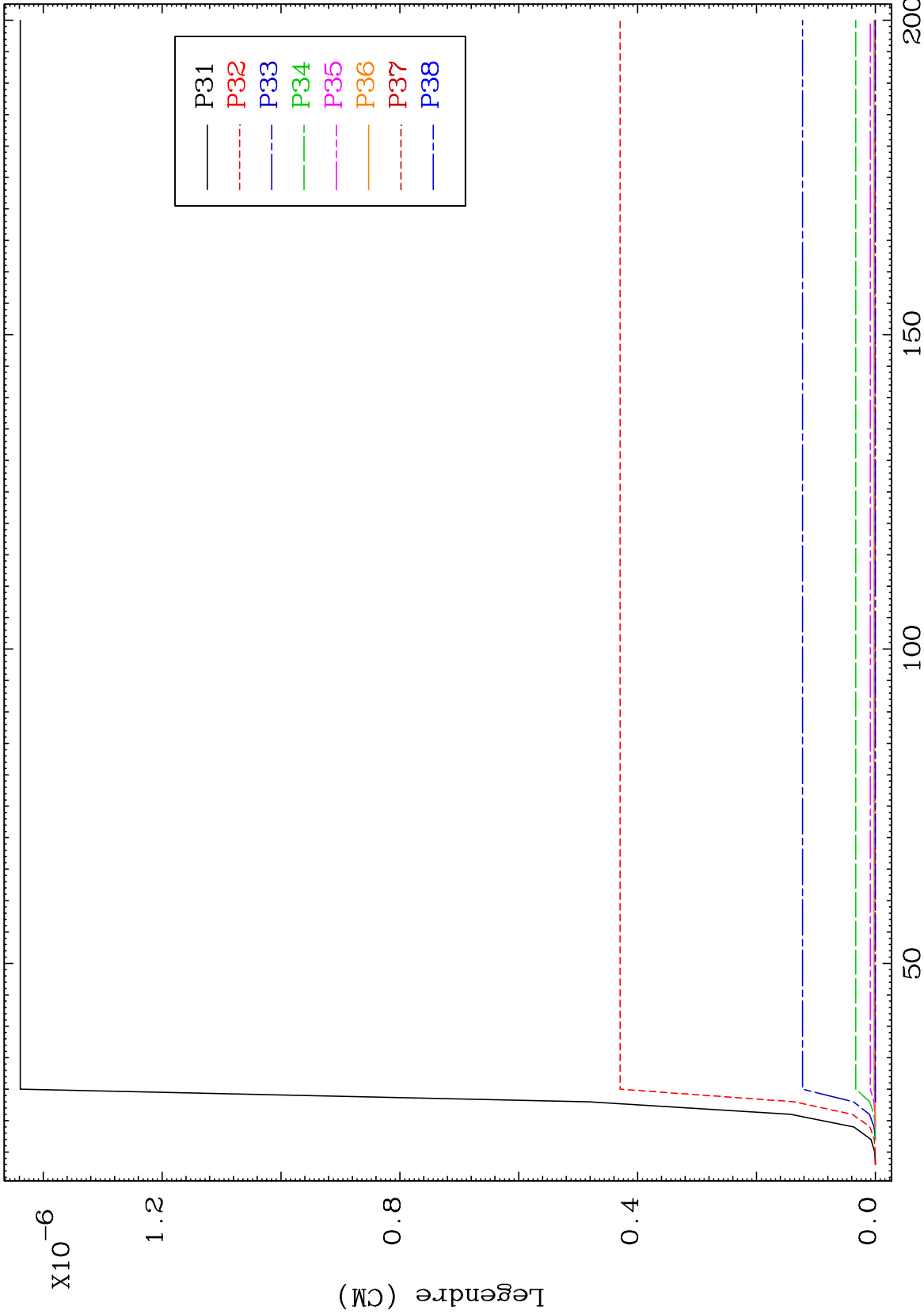
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MAT 7137

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

71-Lu-179



27

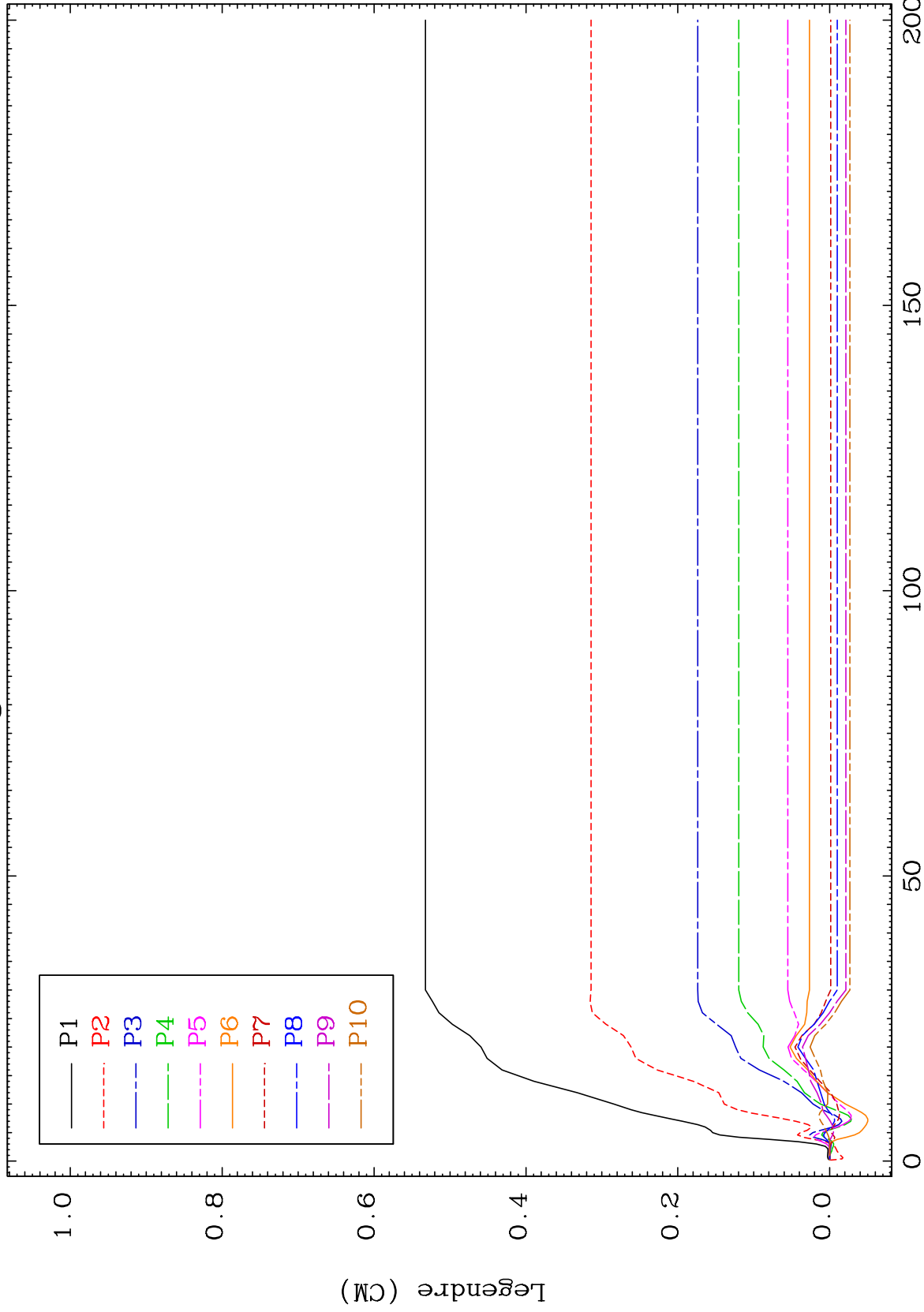
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



28

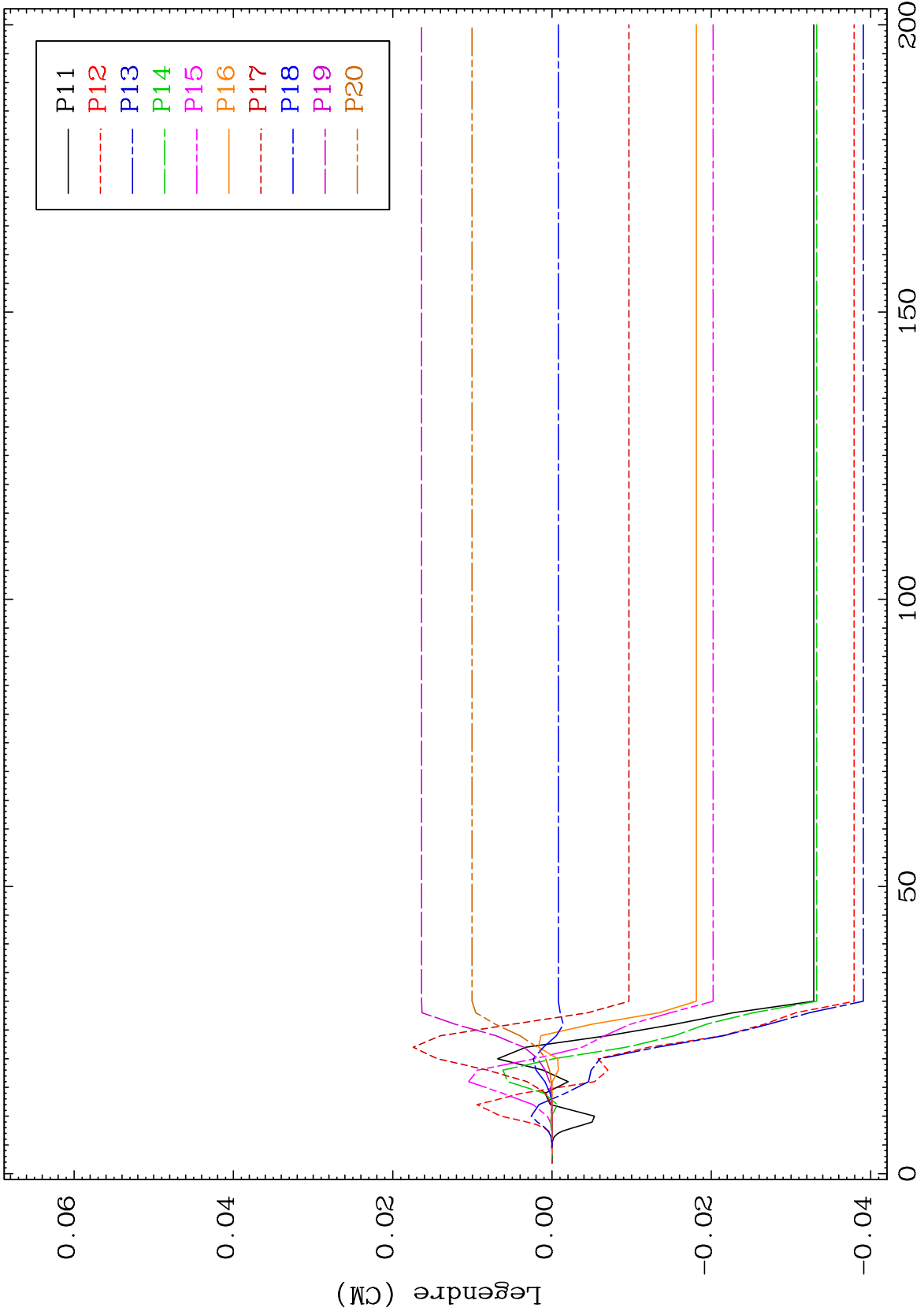
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



29

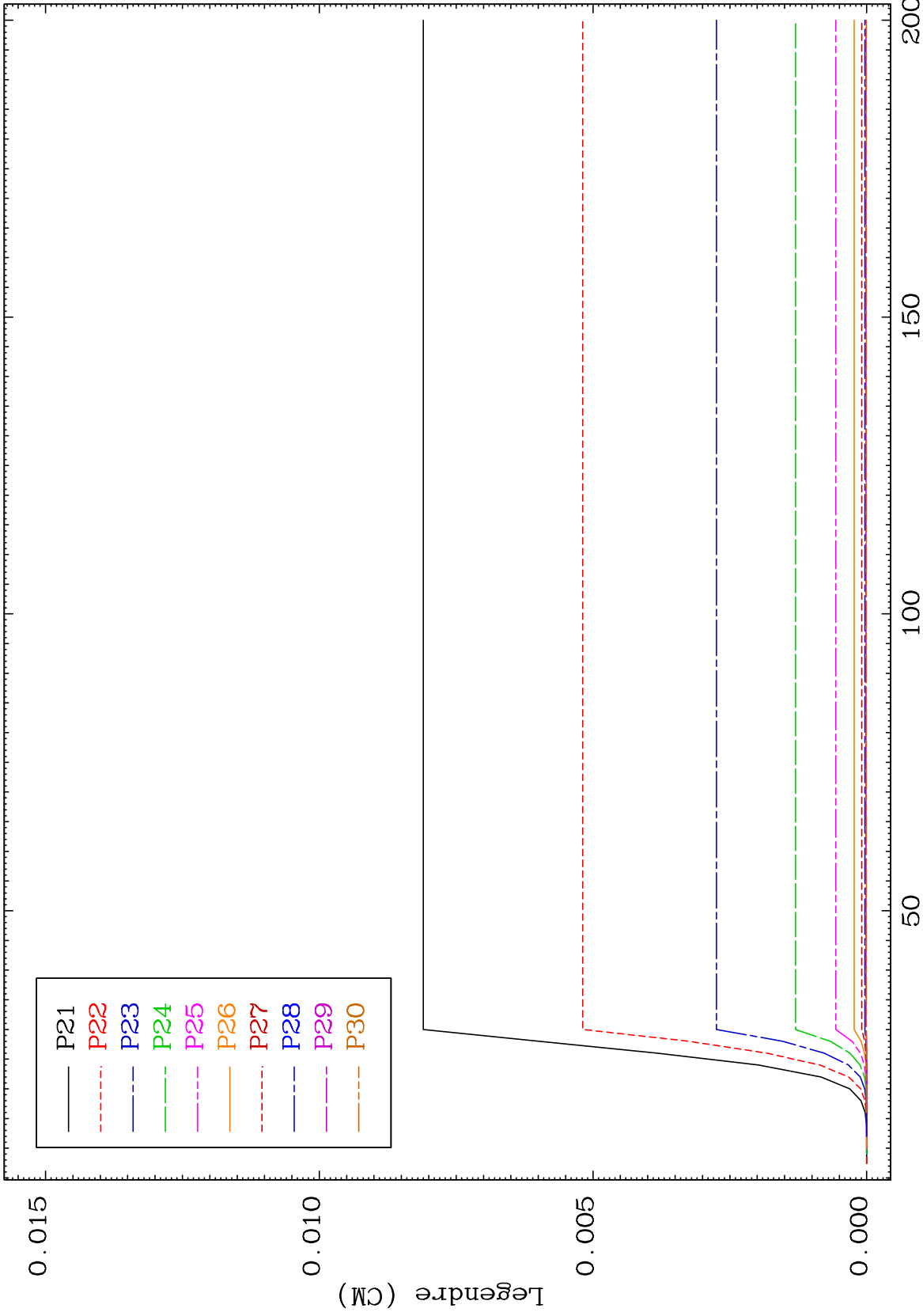
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



30

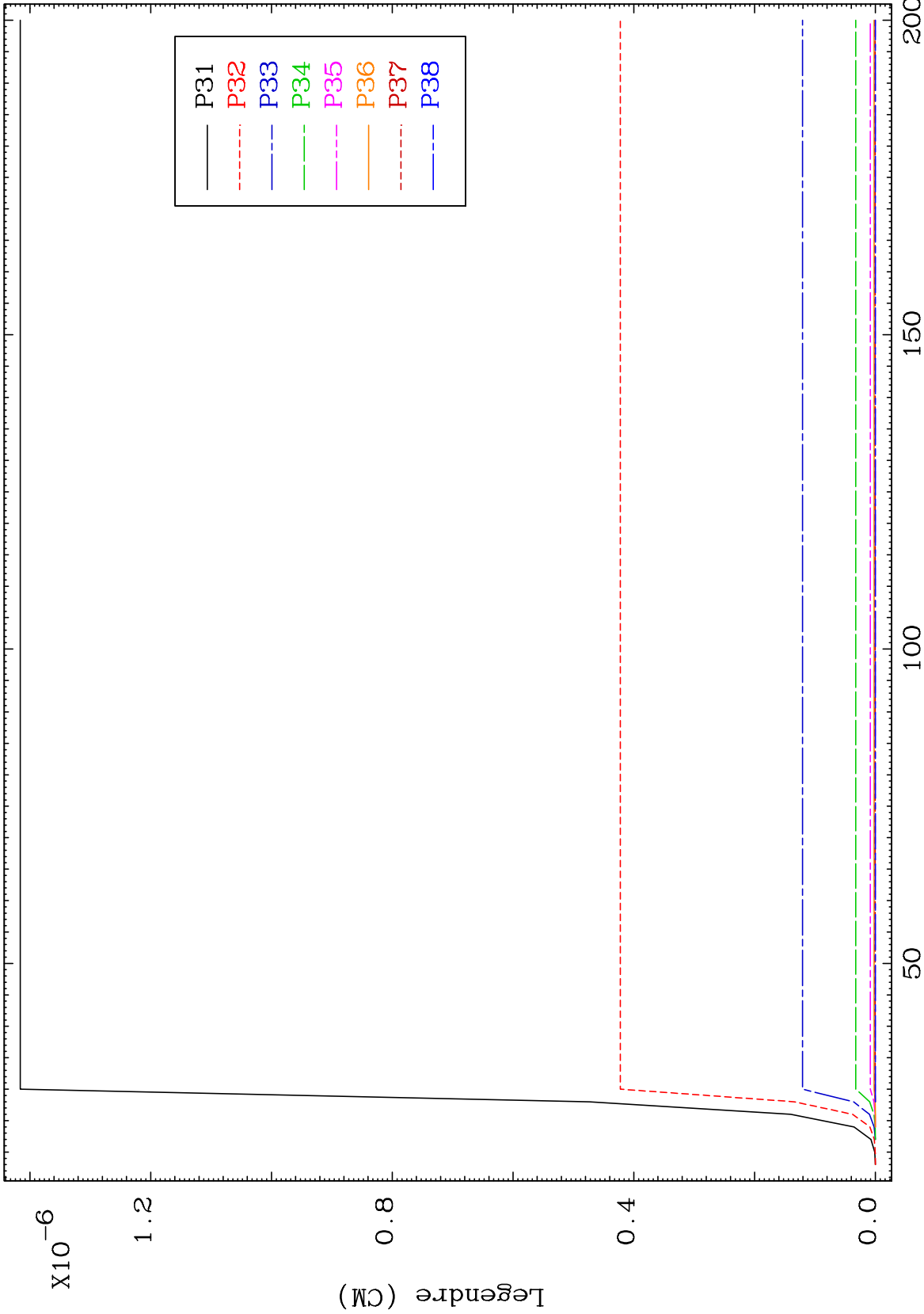
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



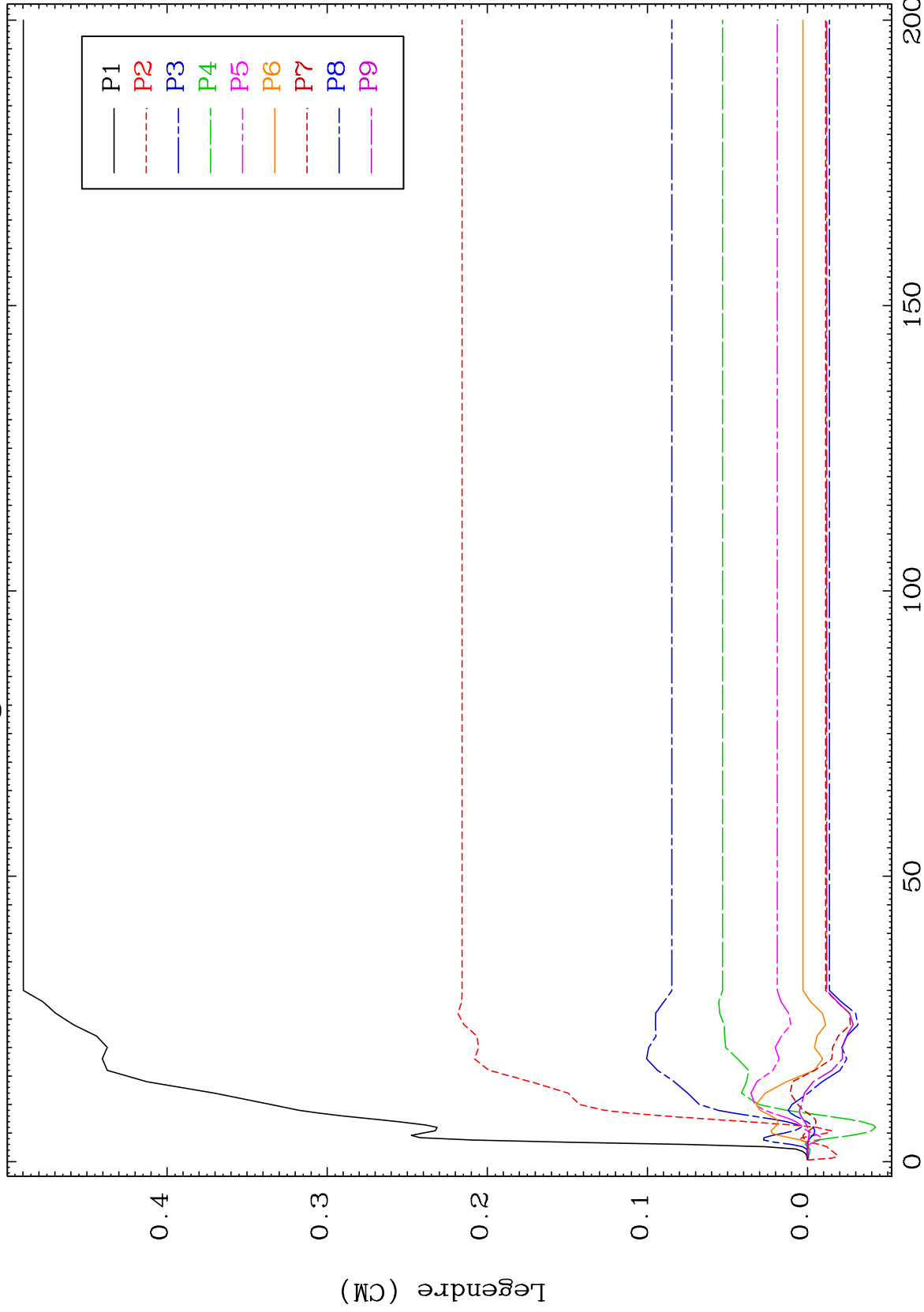
31

71-Lu-179

MAT 7137

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

71-Lu-179



32

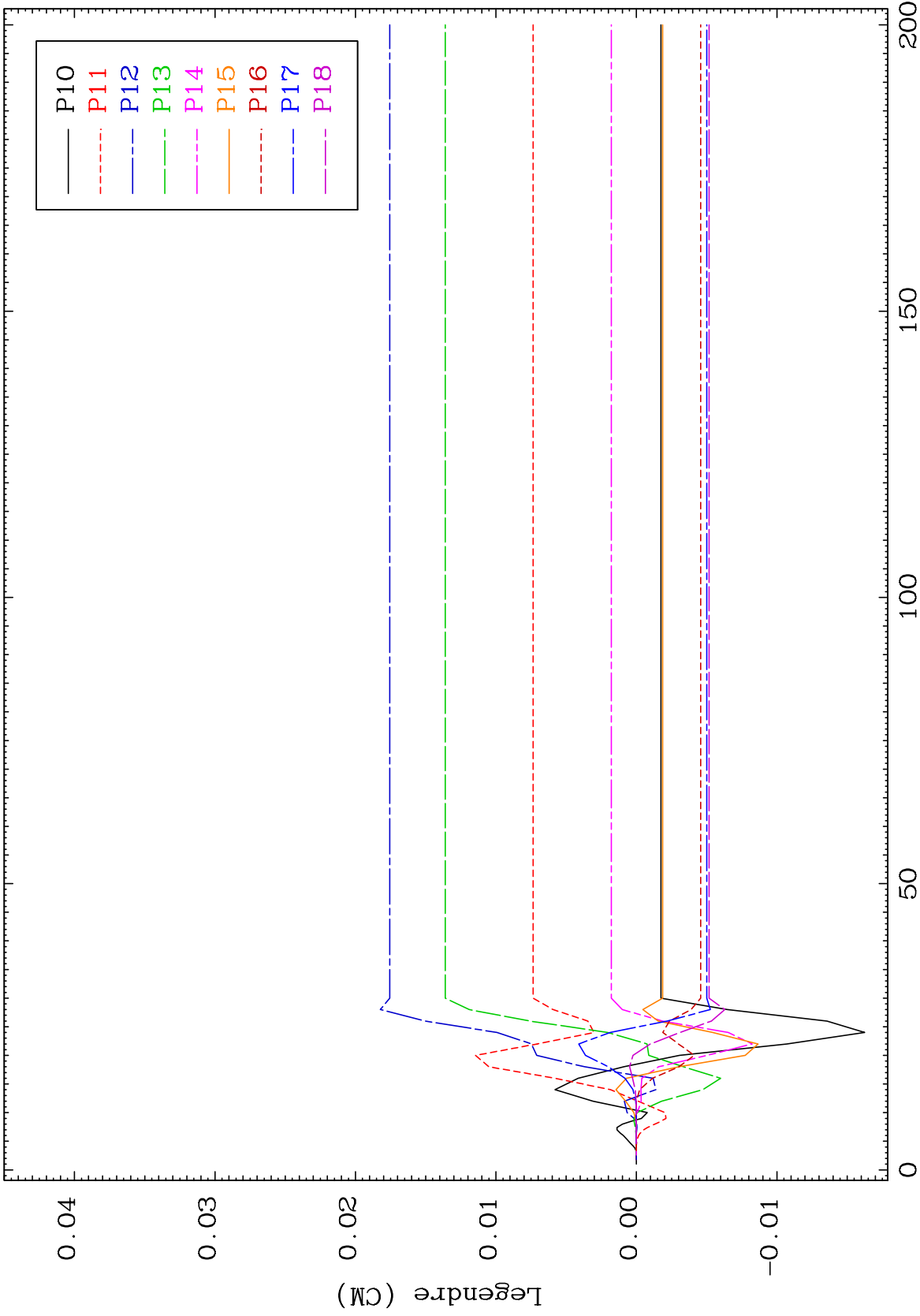
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



33

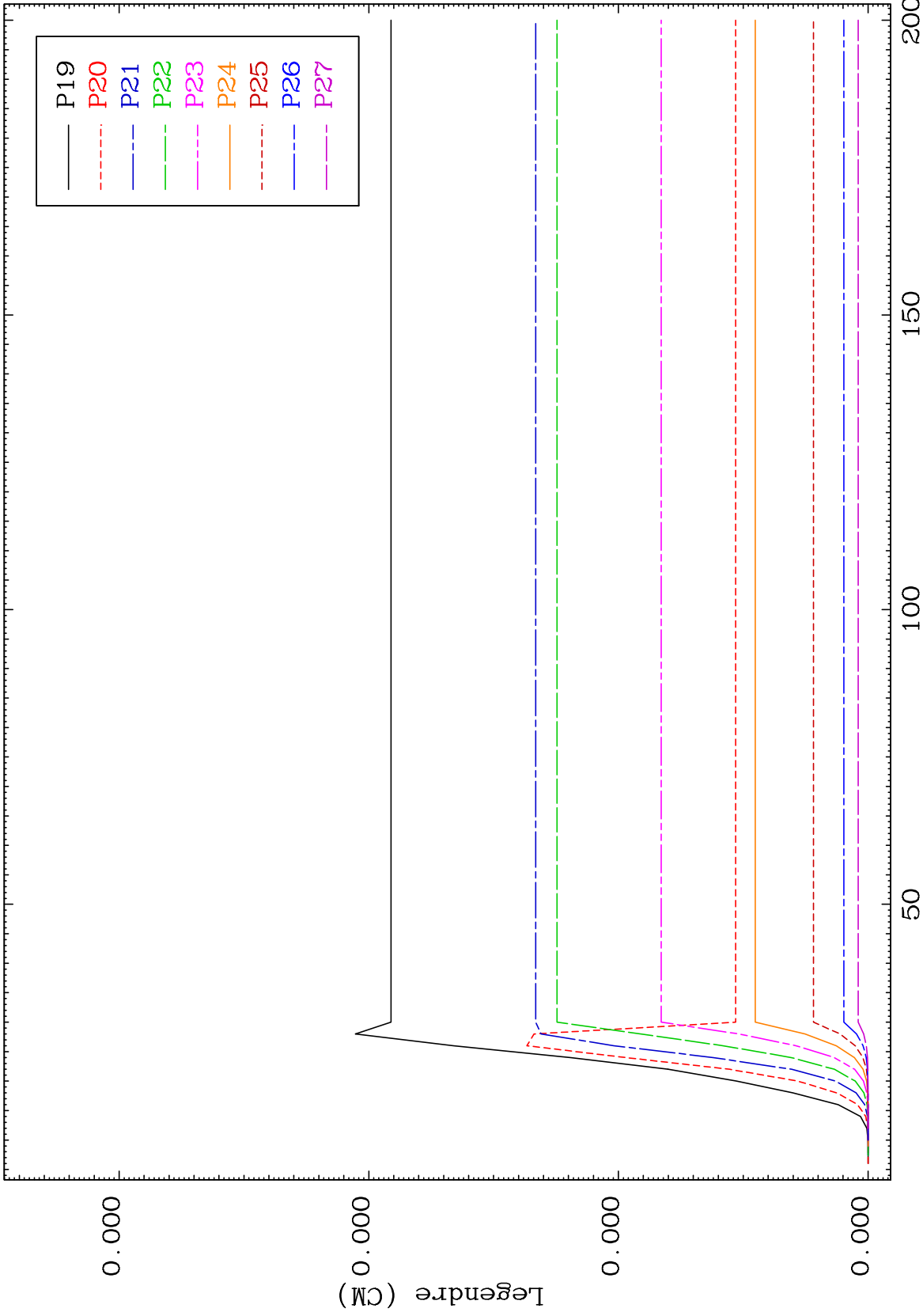
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



34

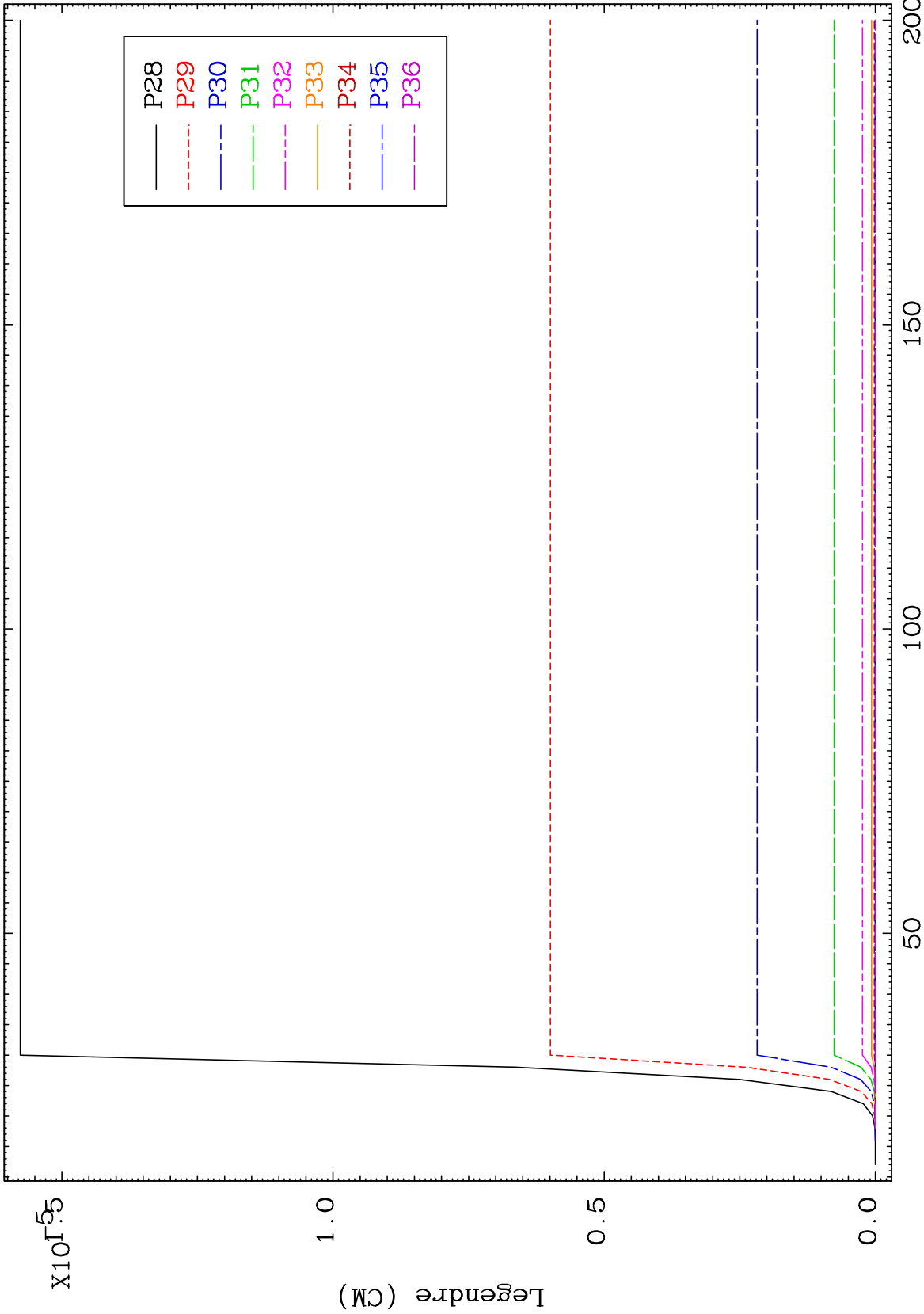
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



35

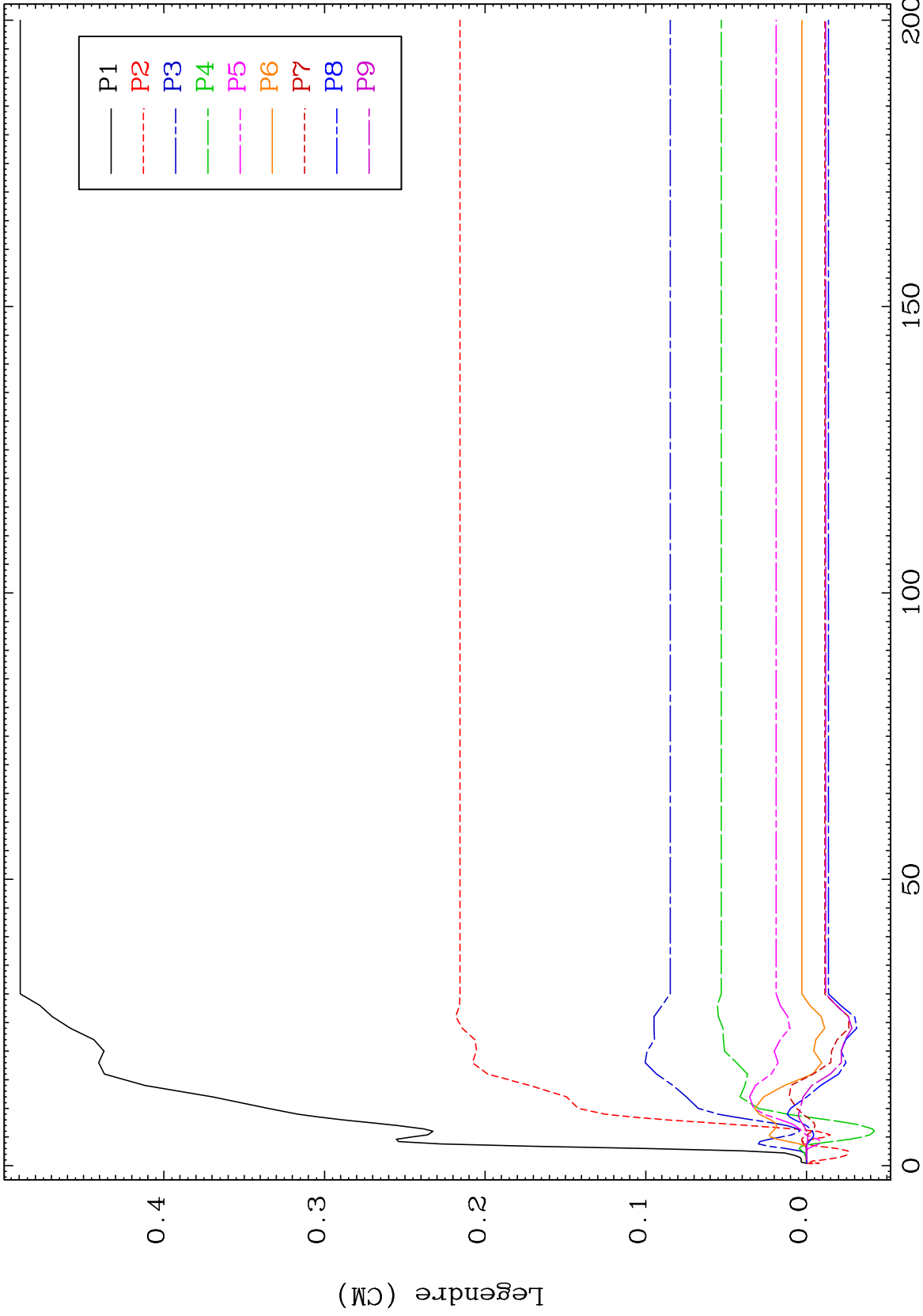
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



36

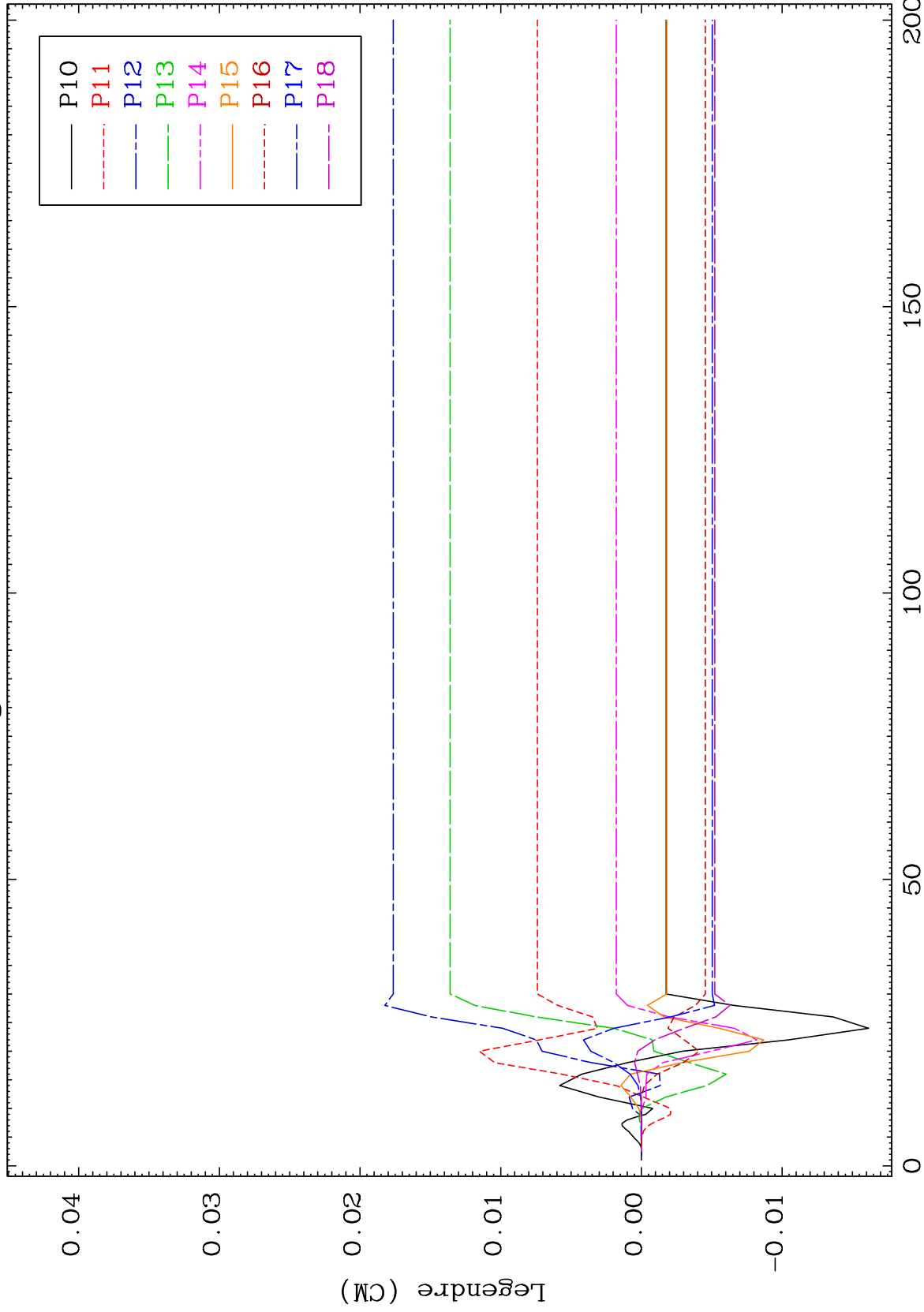
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



37

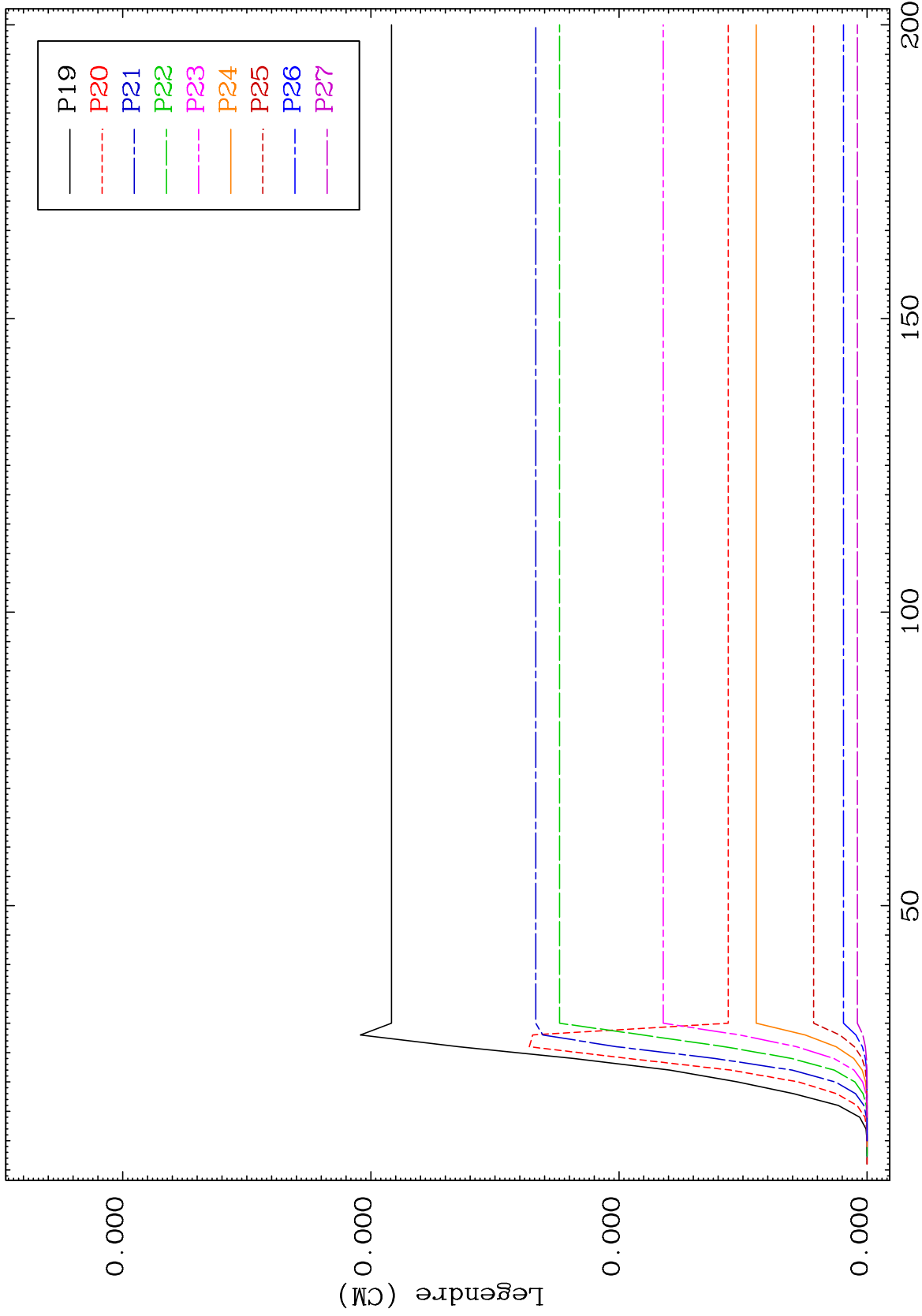
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



38

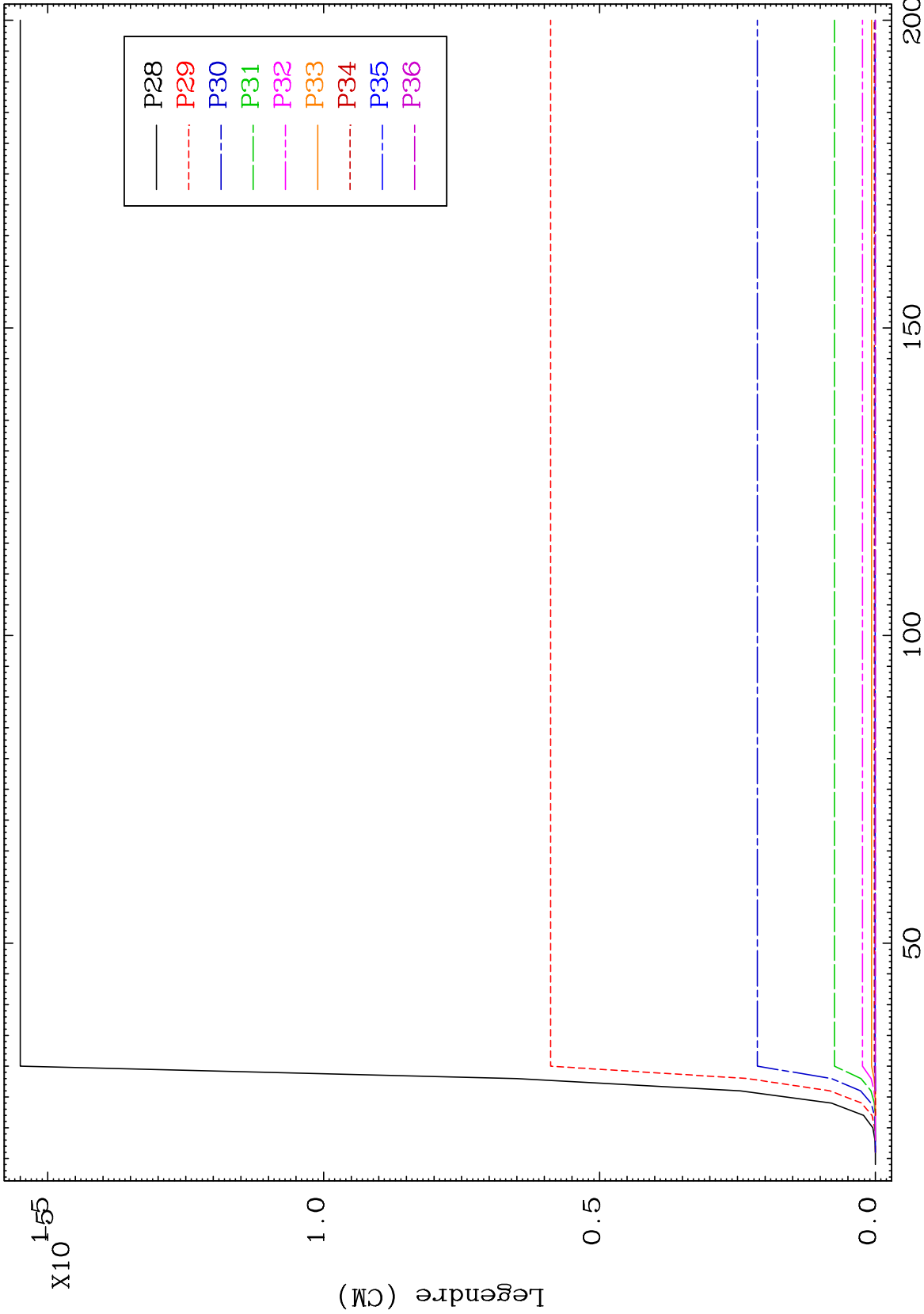
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



39

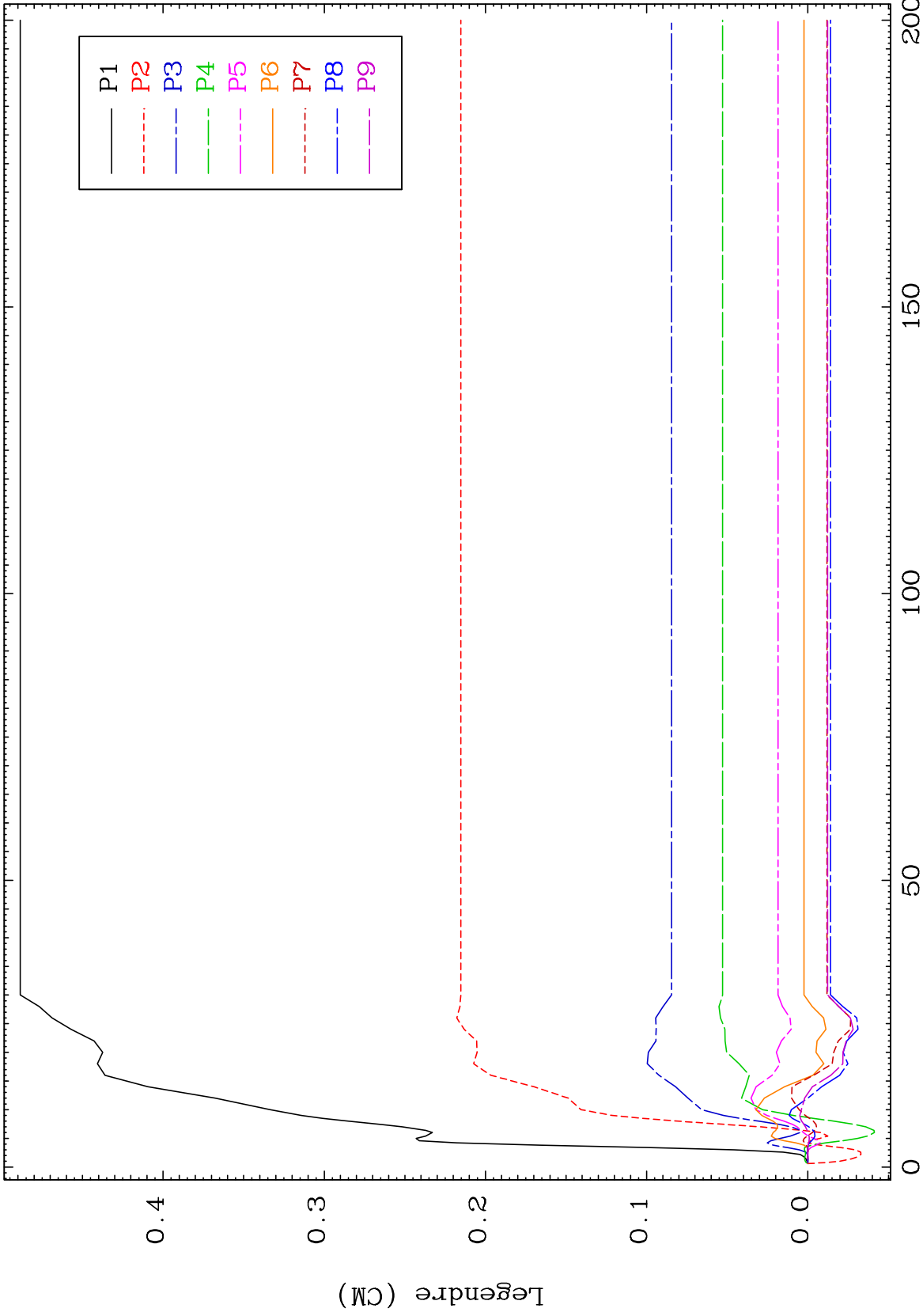
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

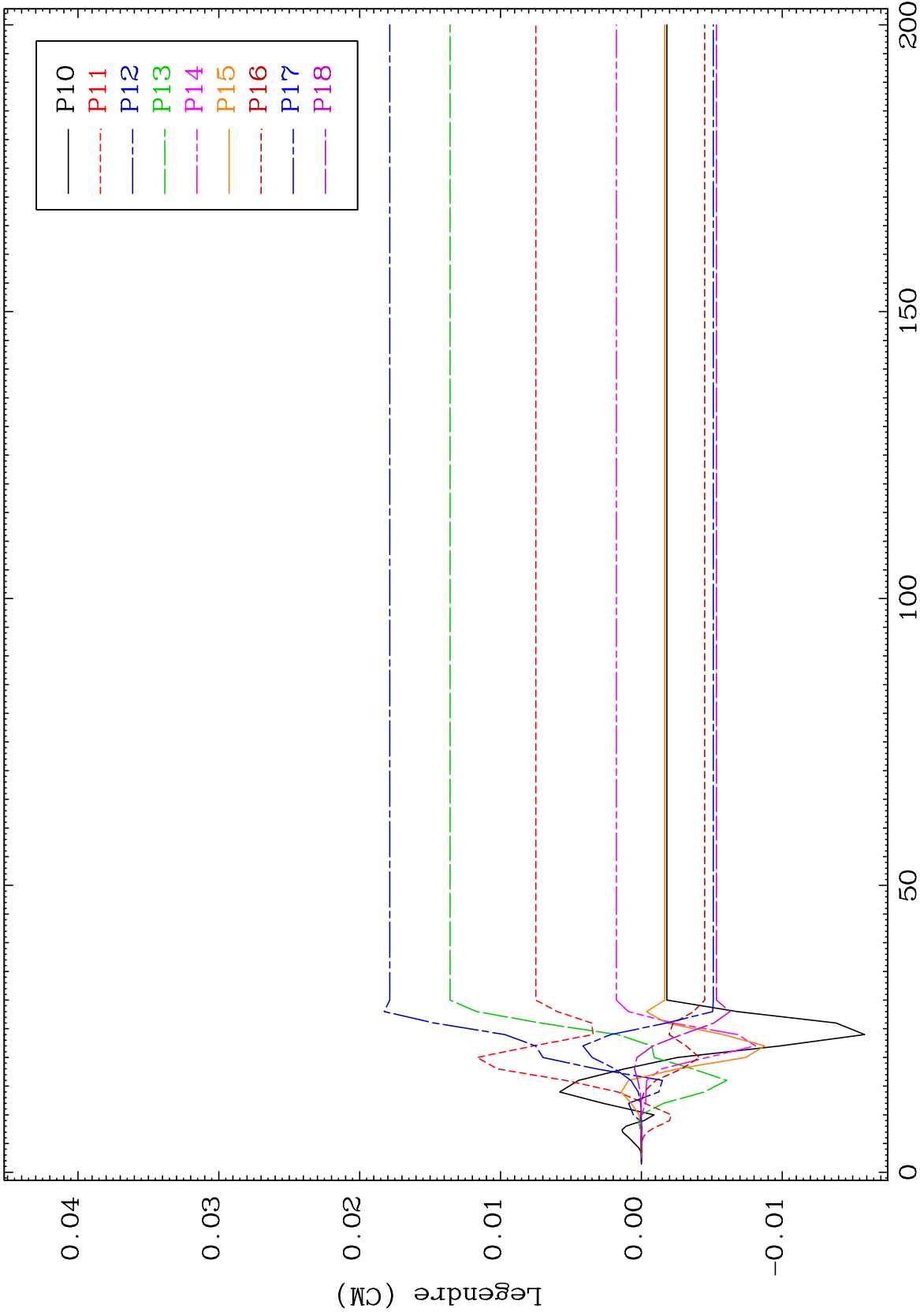
Incident Energy (MeV)

40

MAT 7137

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

71-Lu-179



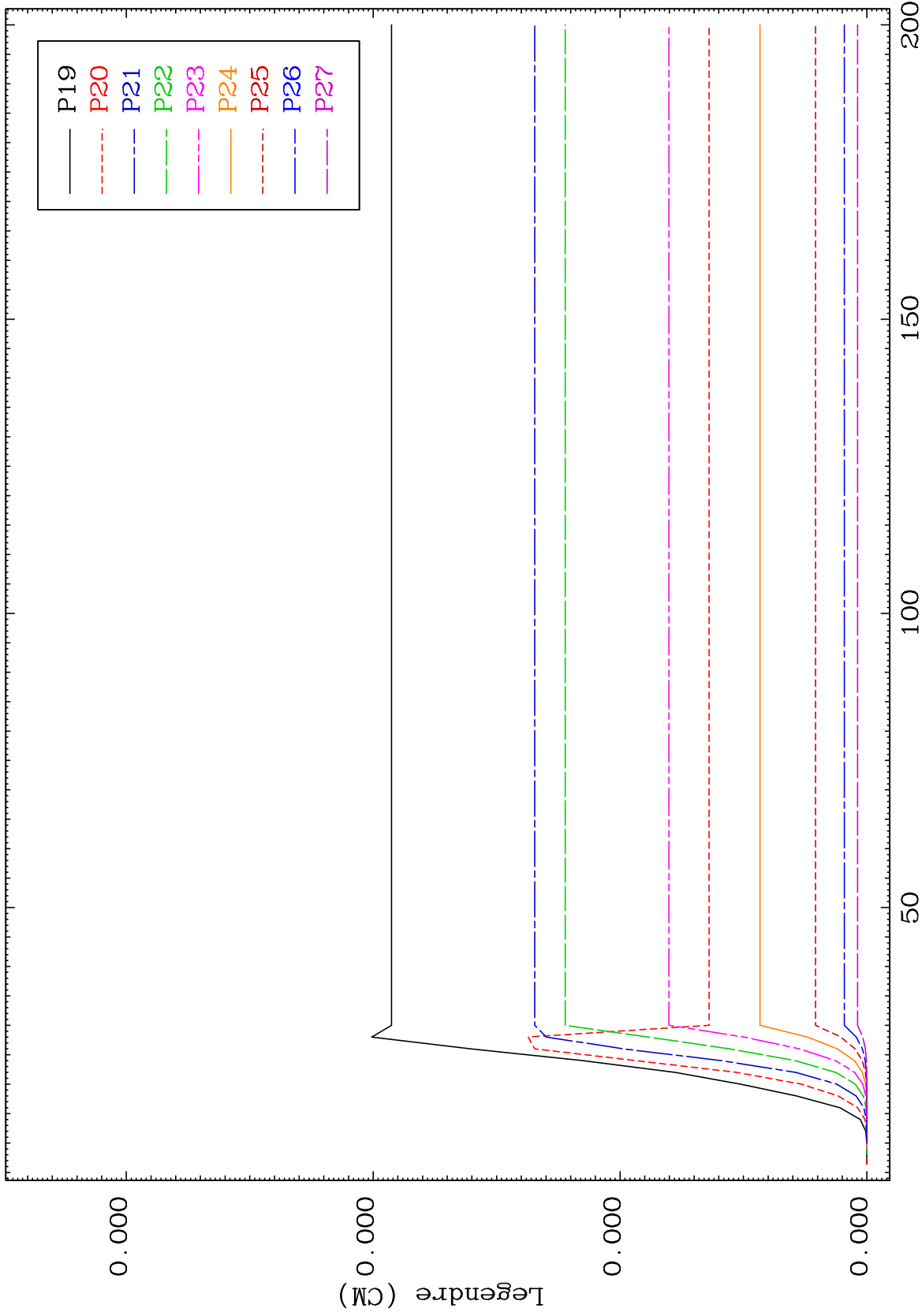
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71-Lu-179

MAT 7137

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

71-Lu-179



42

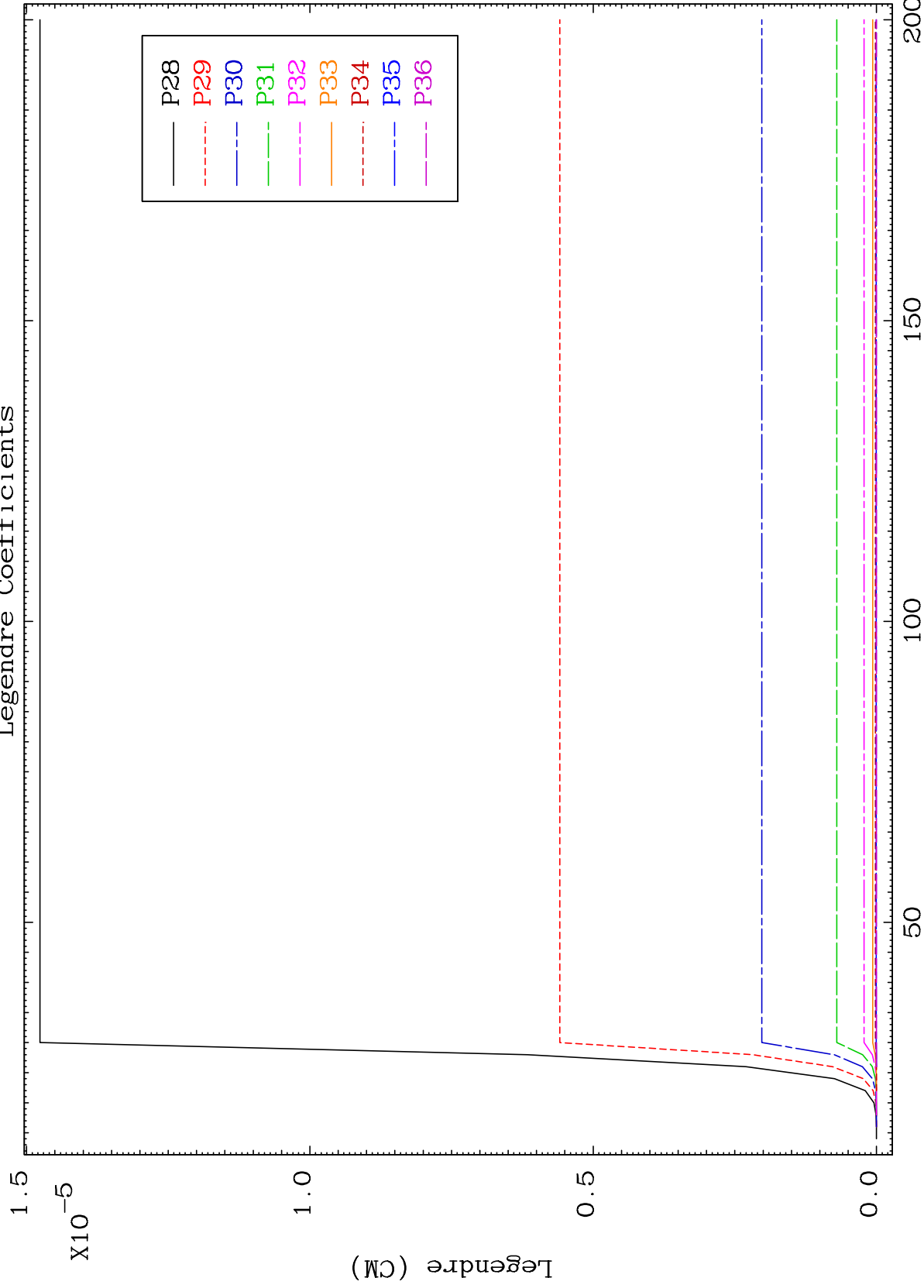
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



43

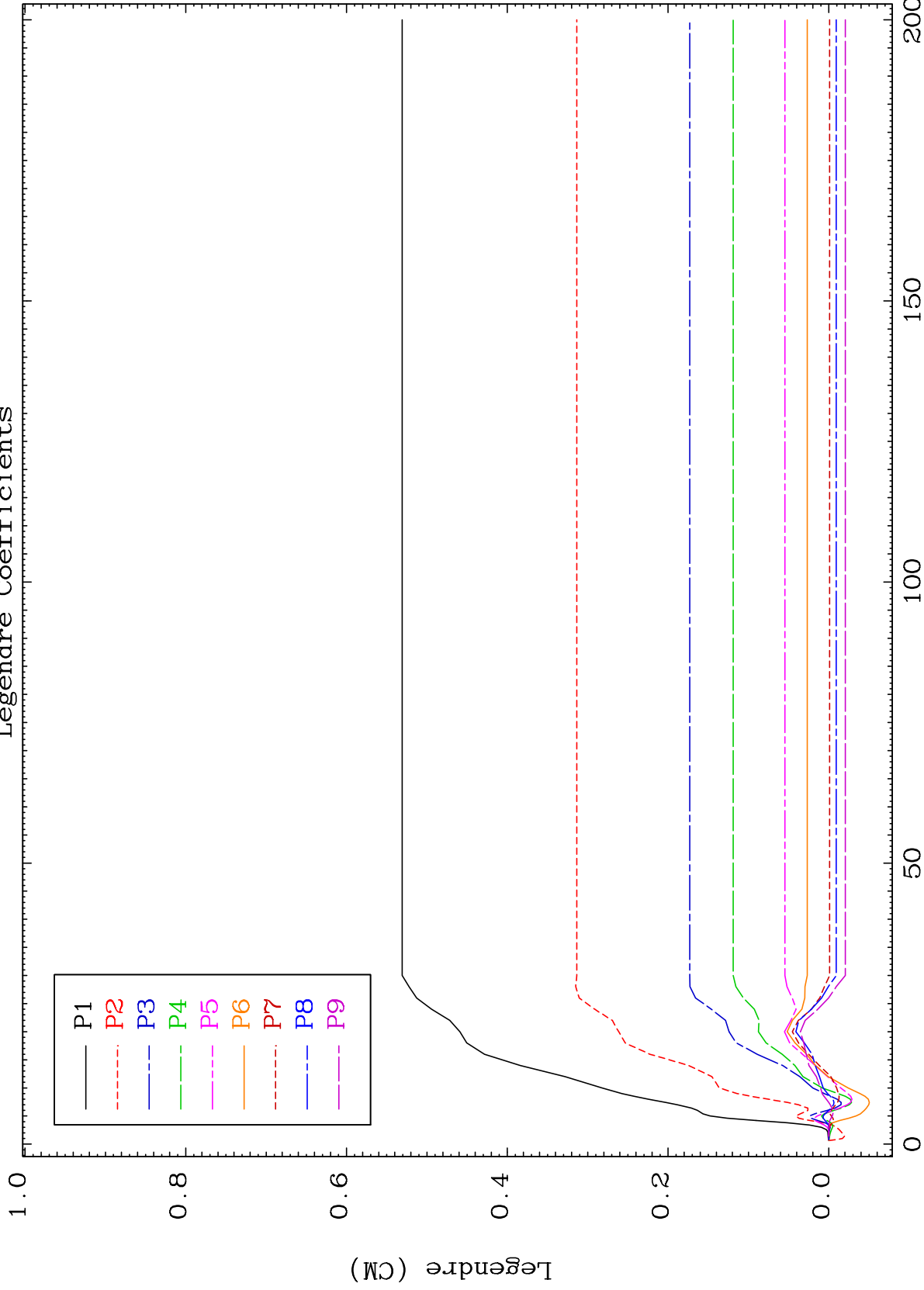
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



44

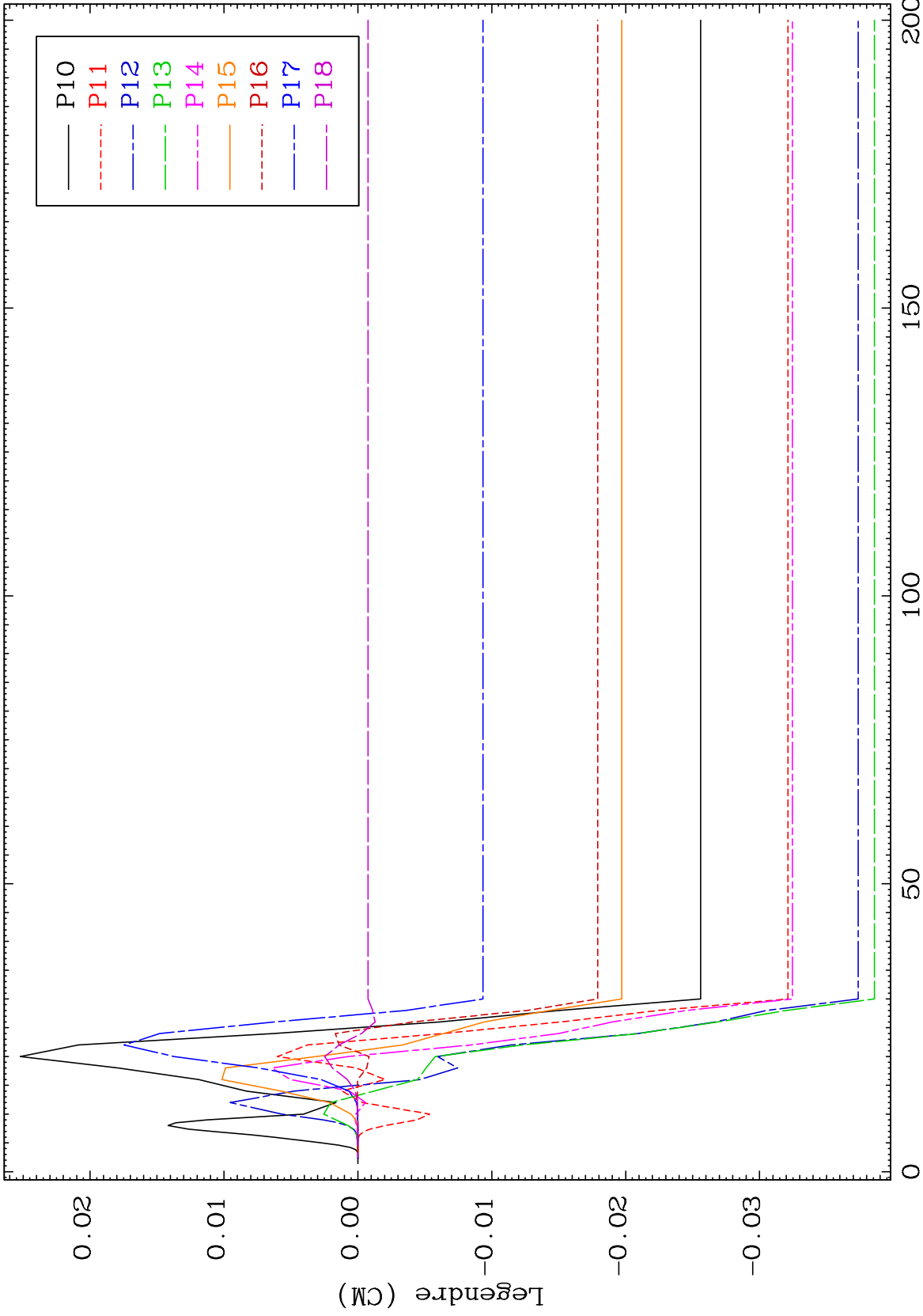
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



45

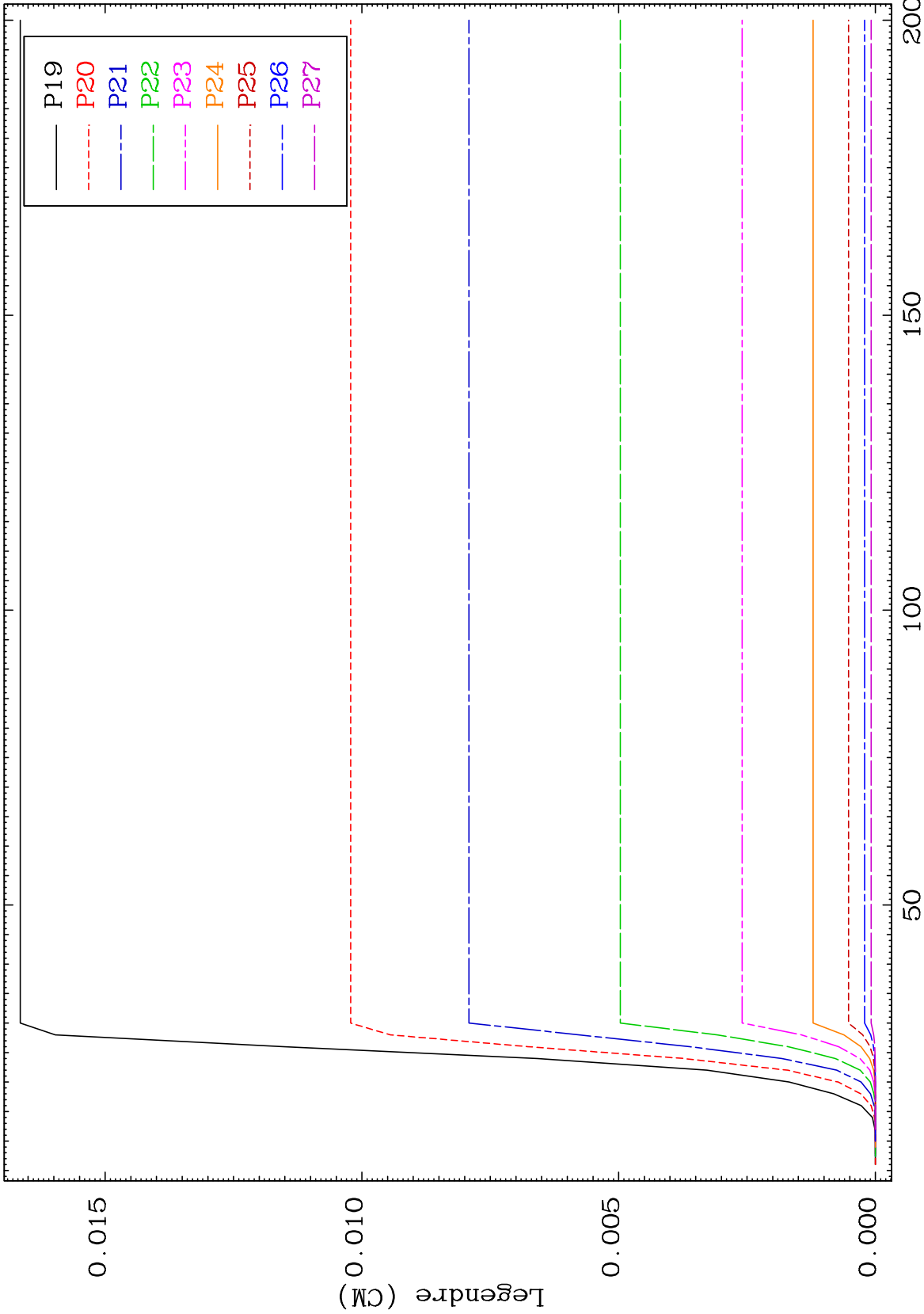
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



46

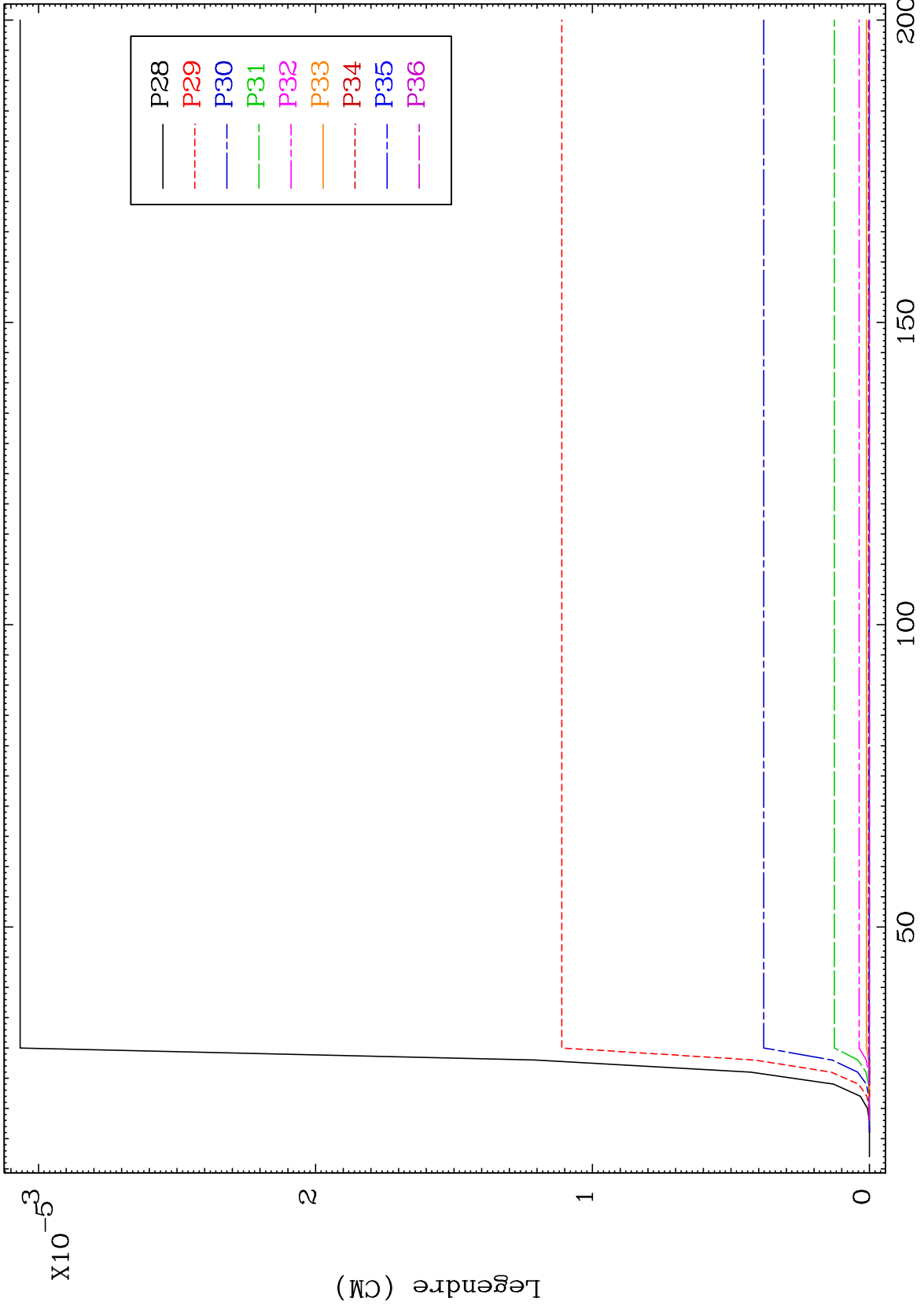
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



47

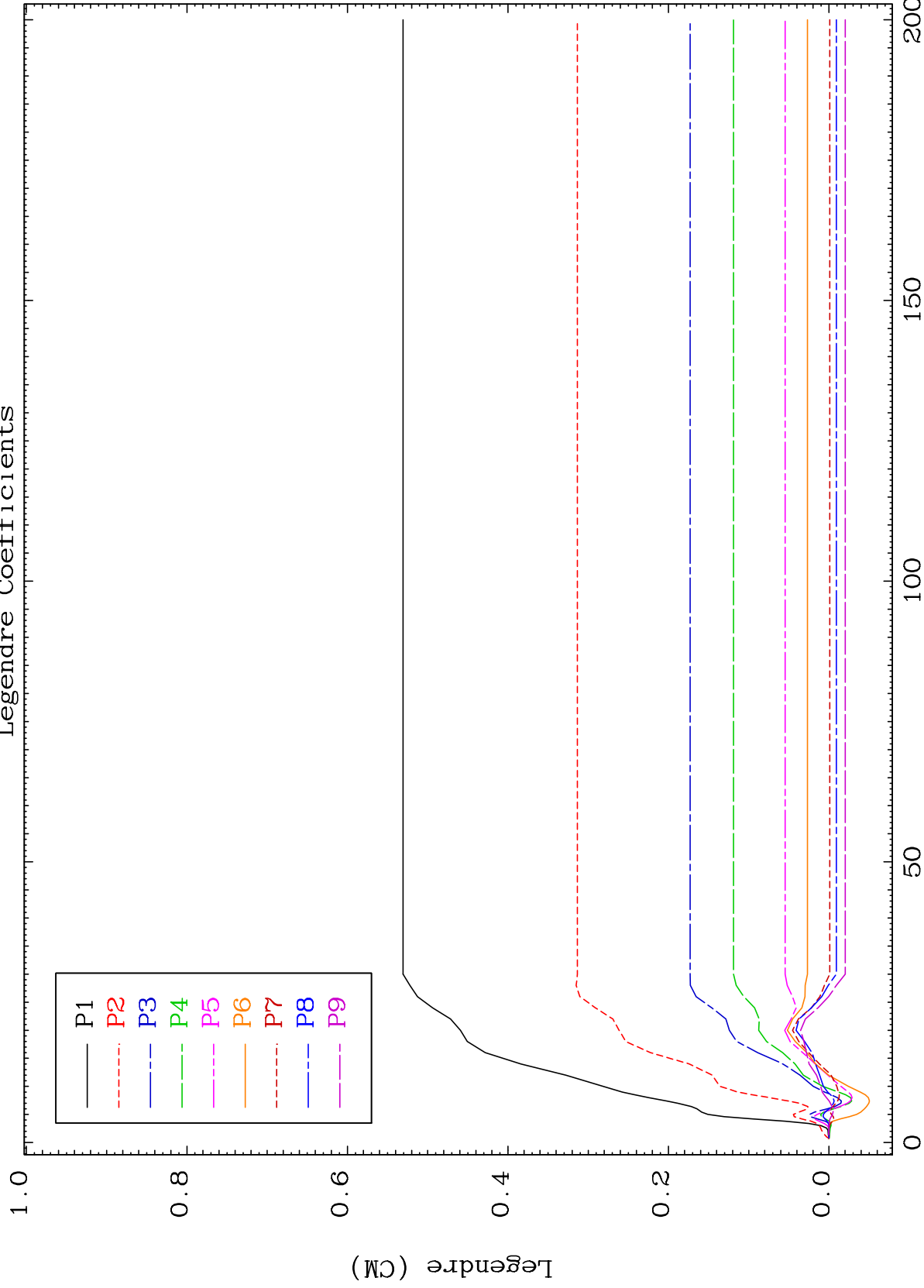
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



48

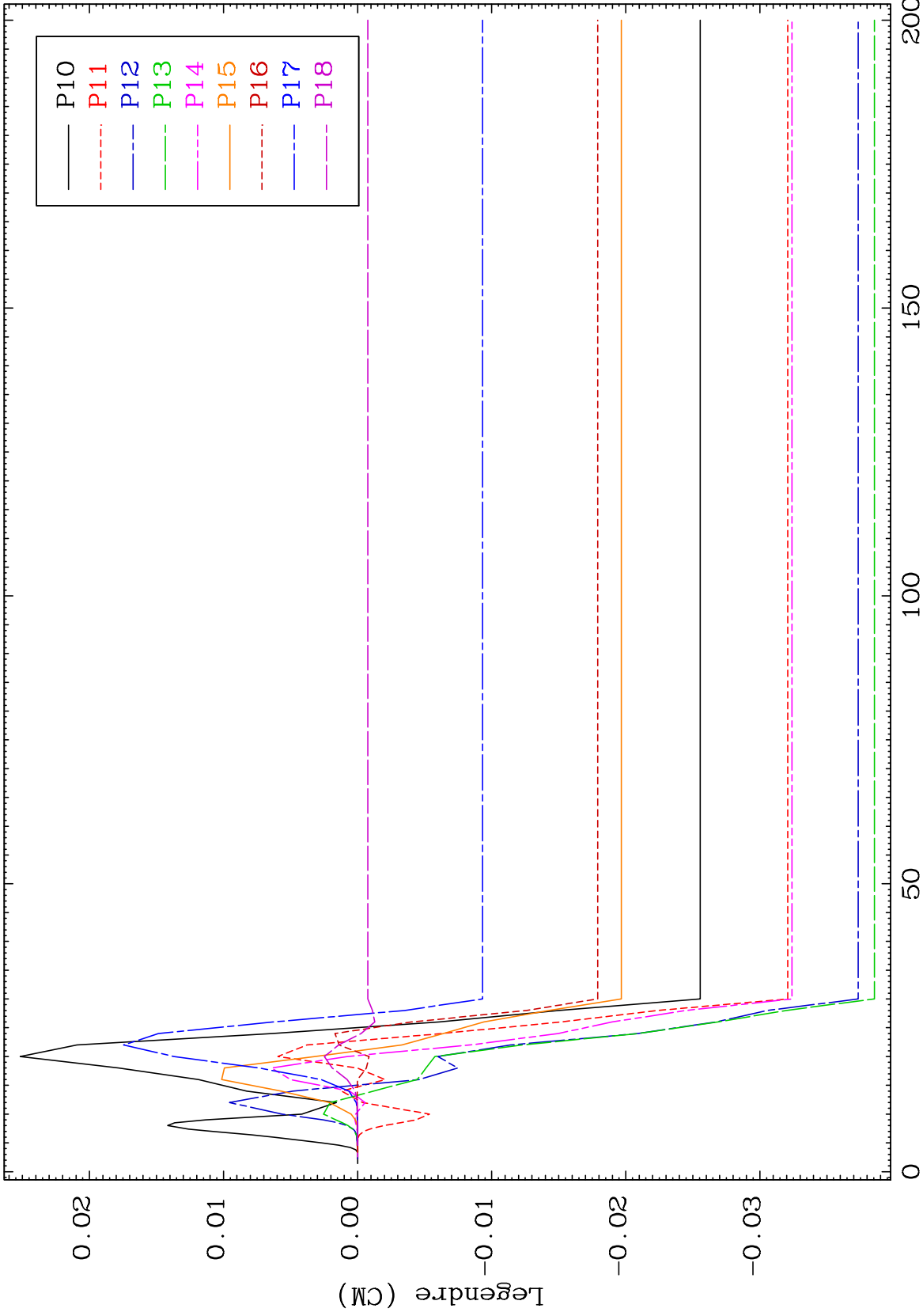
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



49

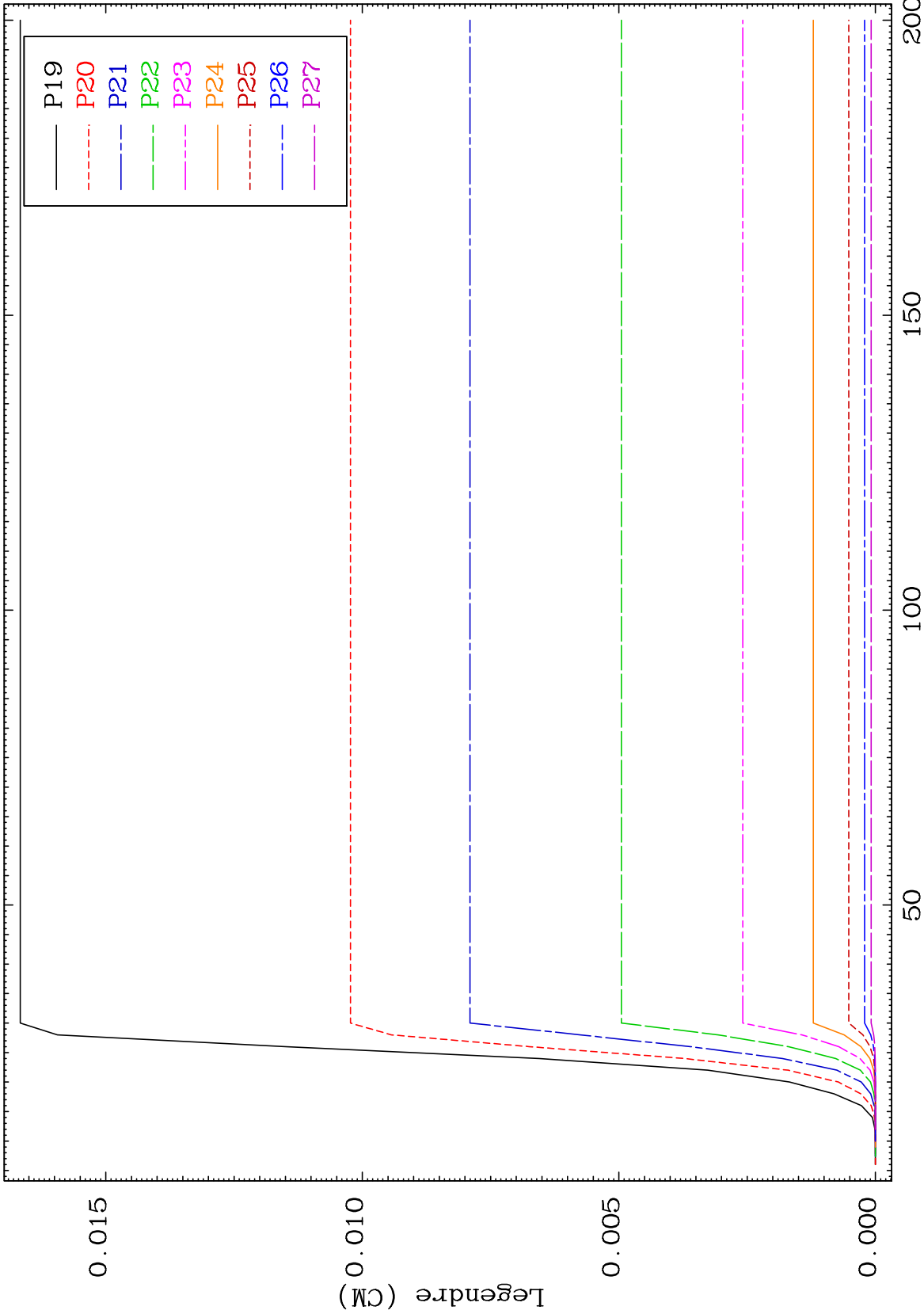
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



50

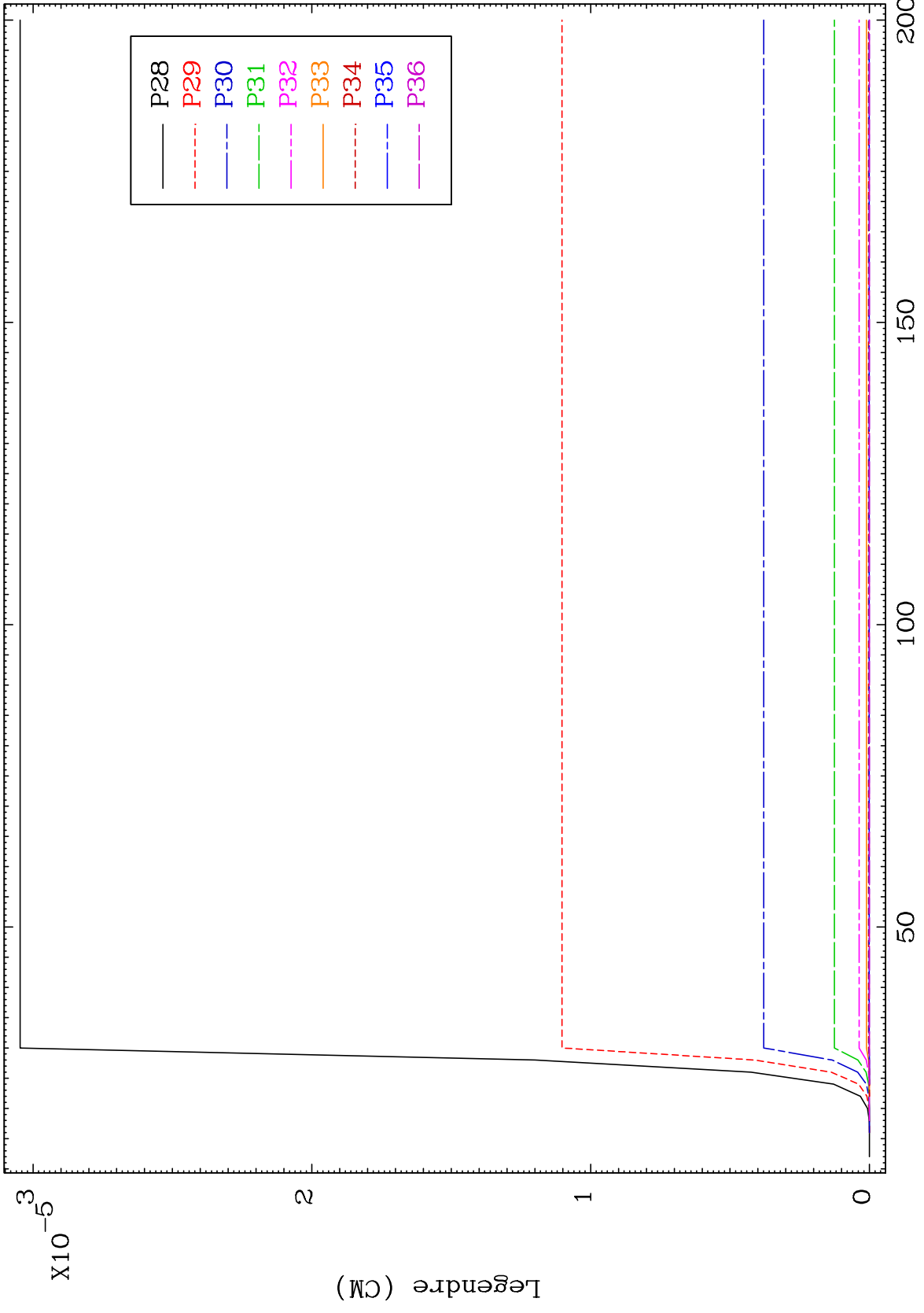
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



51

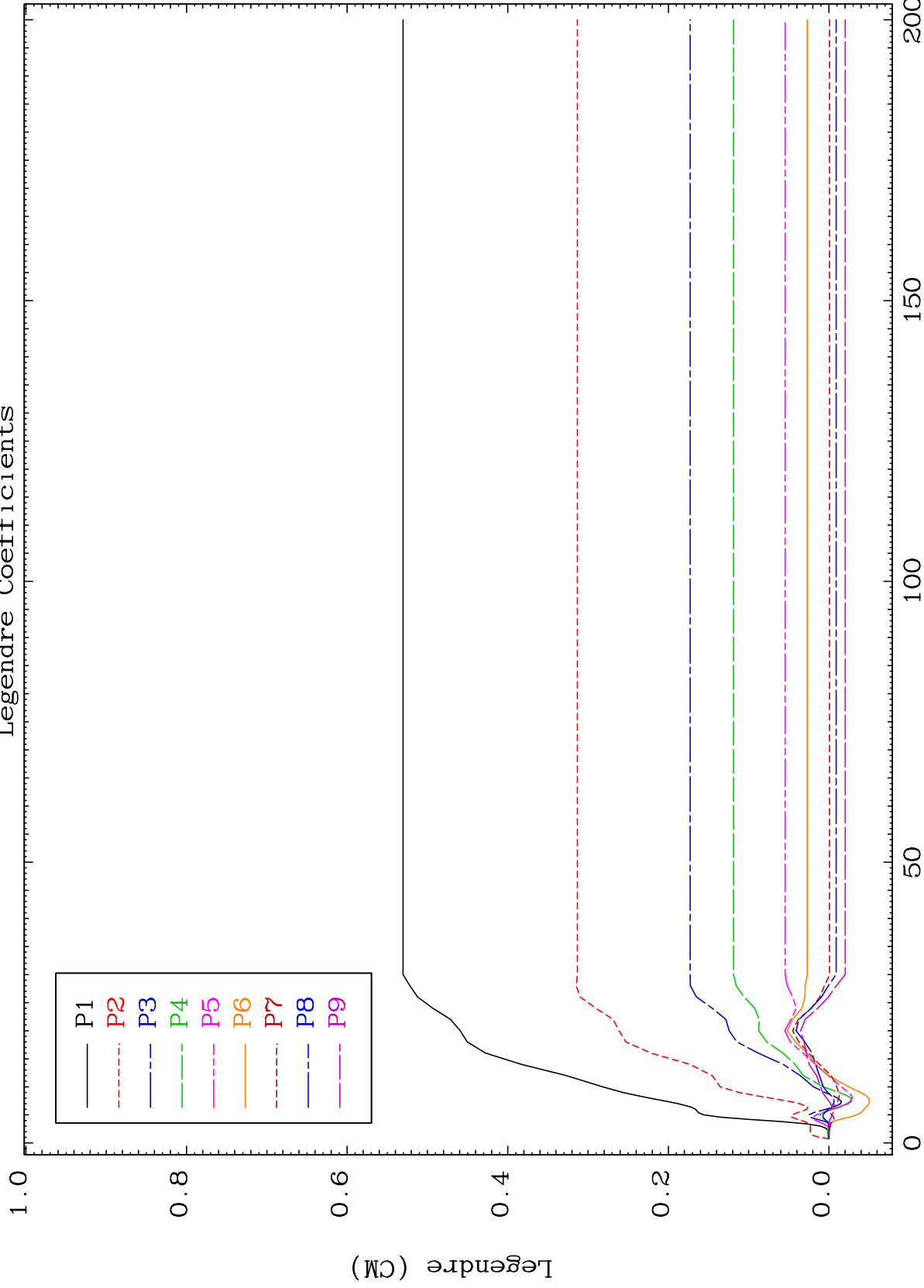
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



52

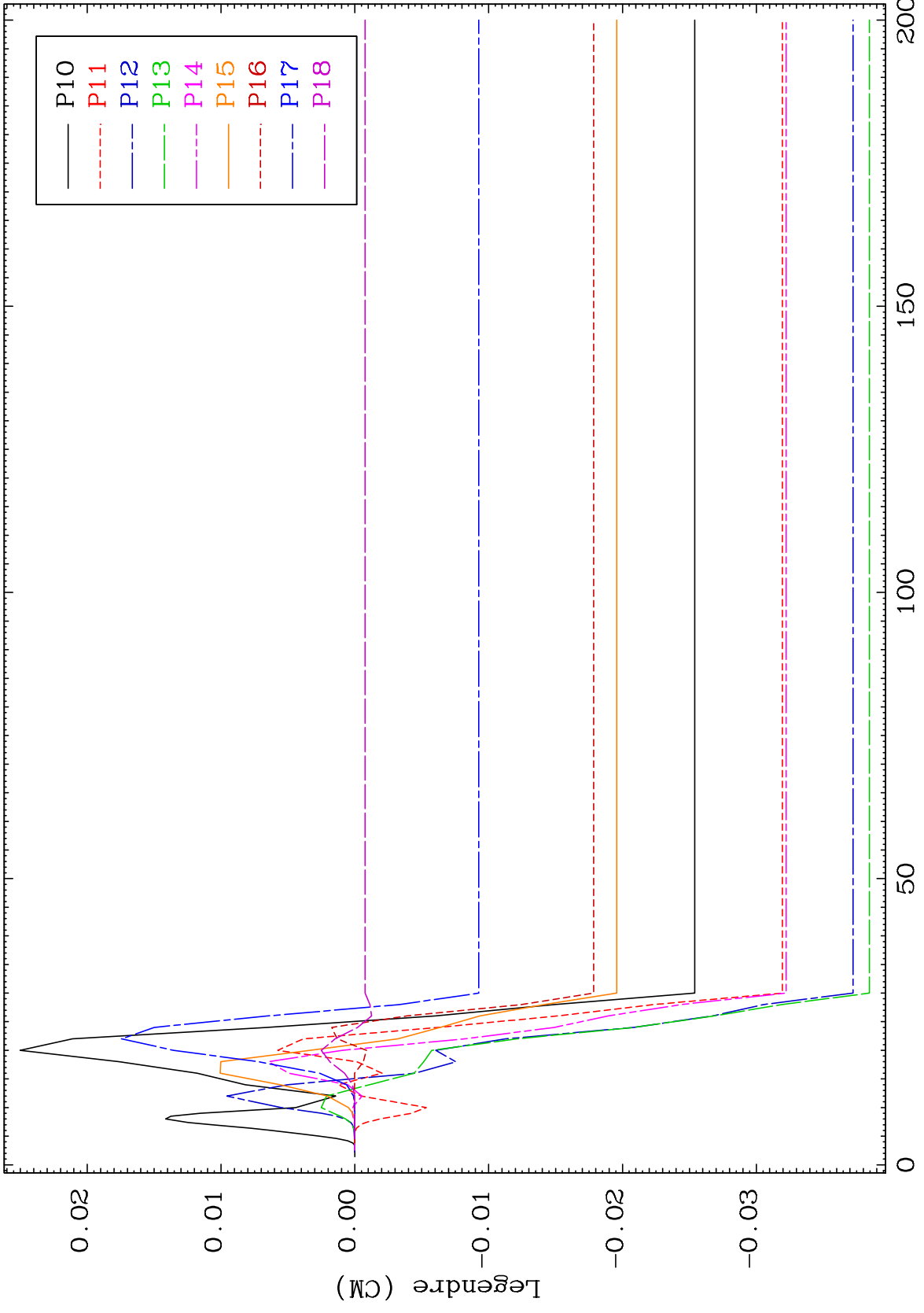
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



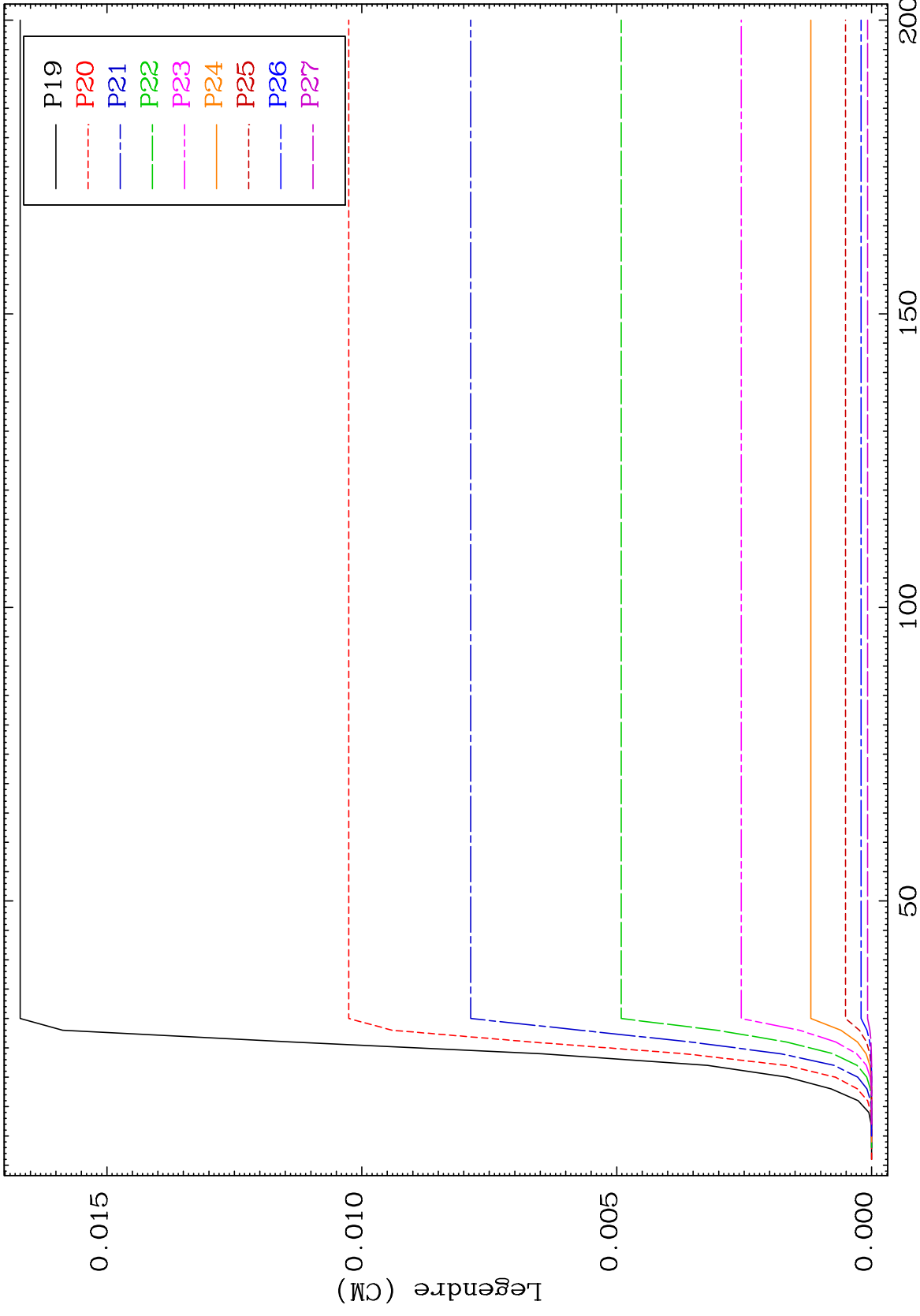
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71-Lu-179

MAT 7137

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

71-Lu-179



54

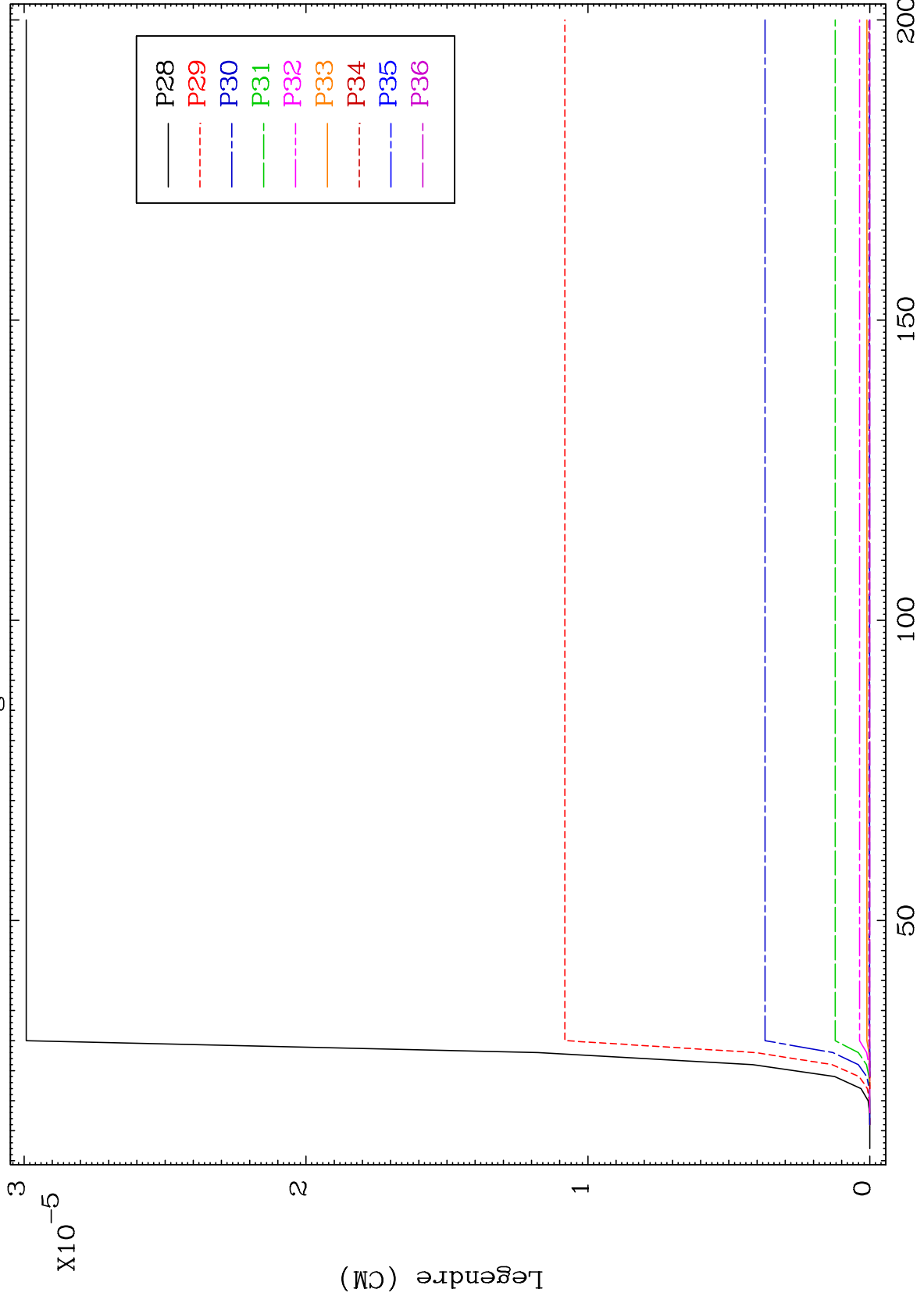
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

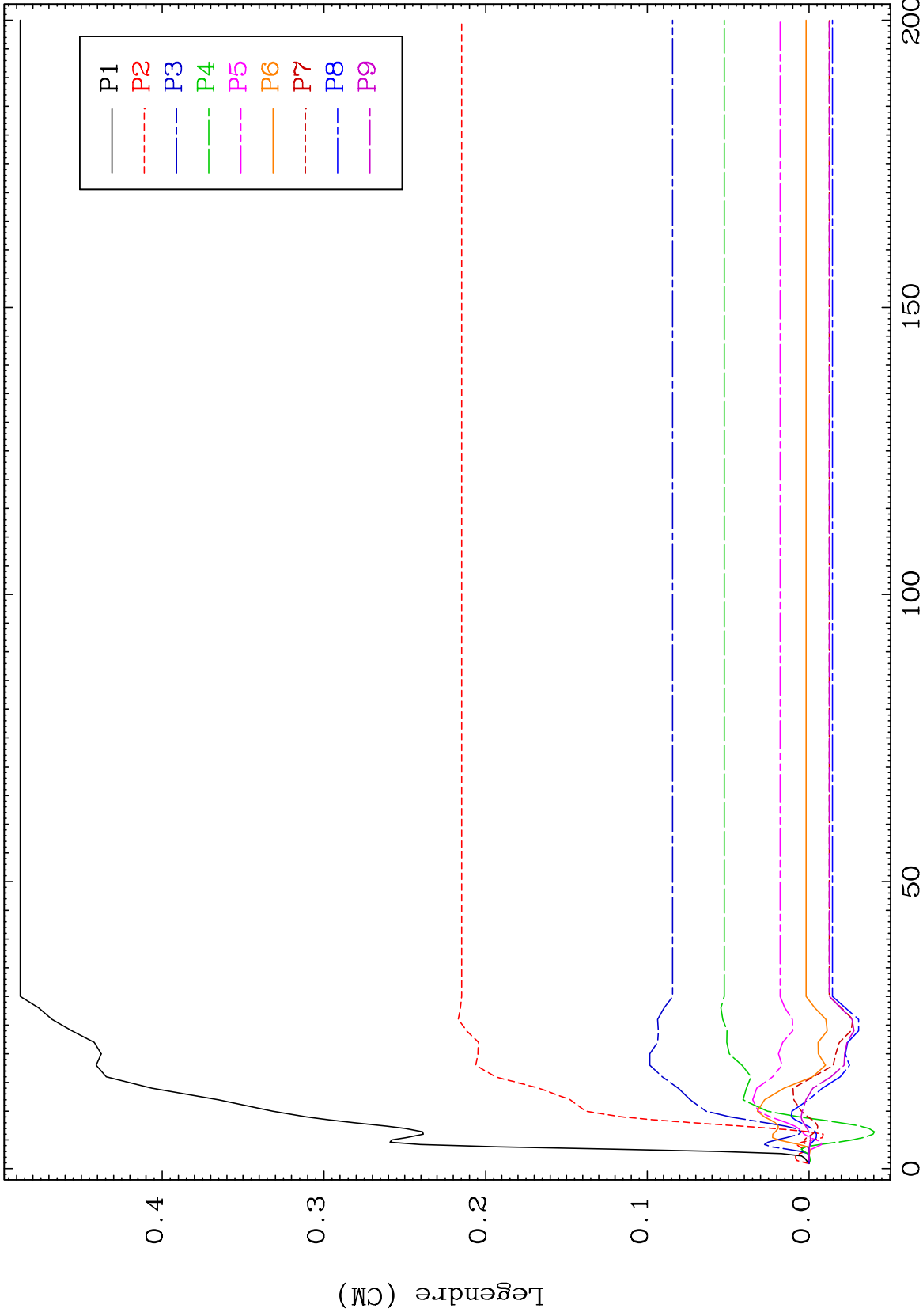
71-Lu-179



MAT 7137

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

71-Lu-179



56

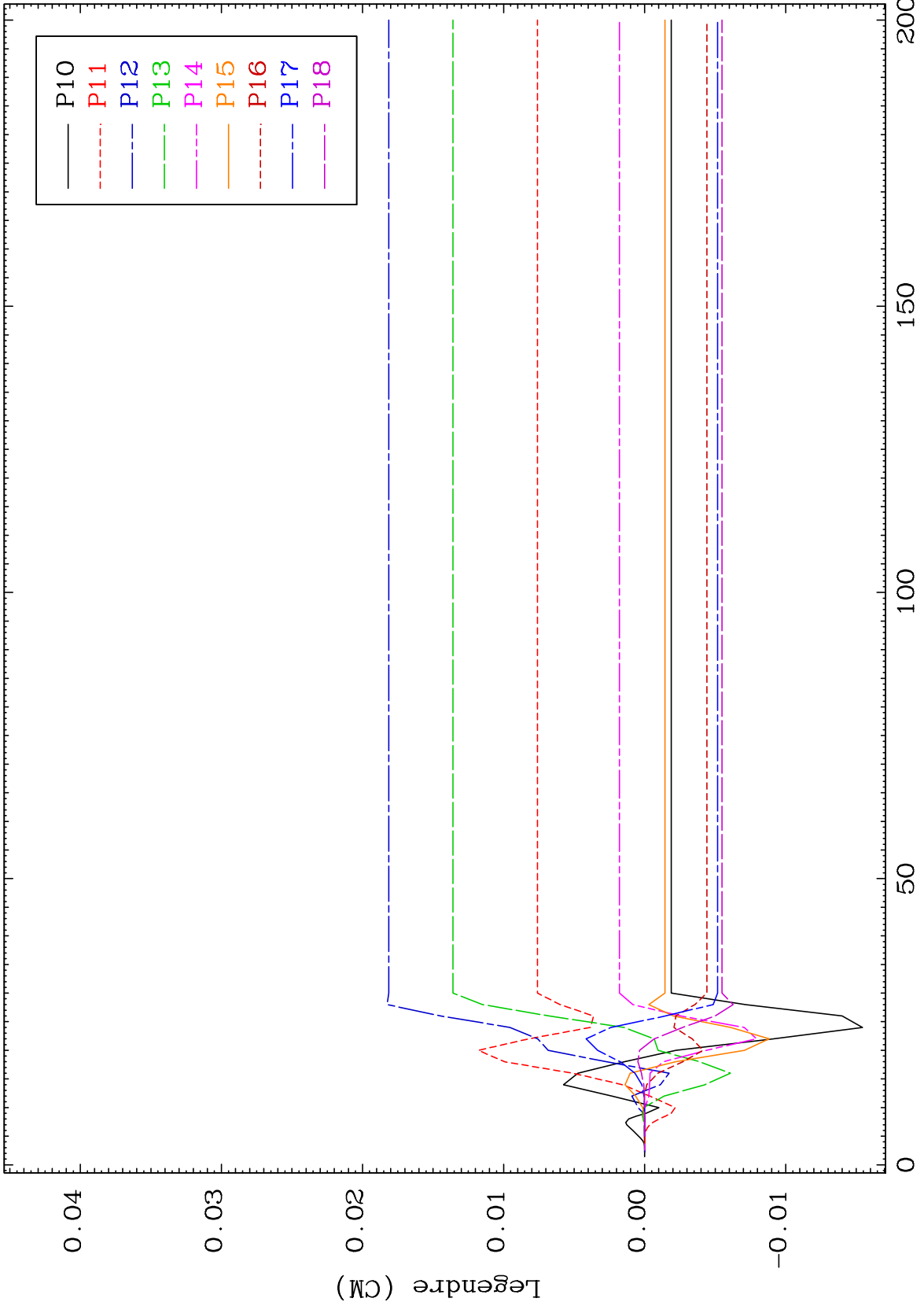
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



57

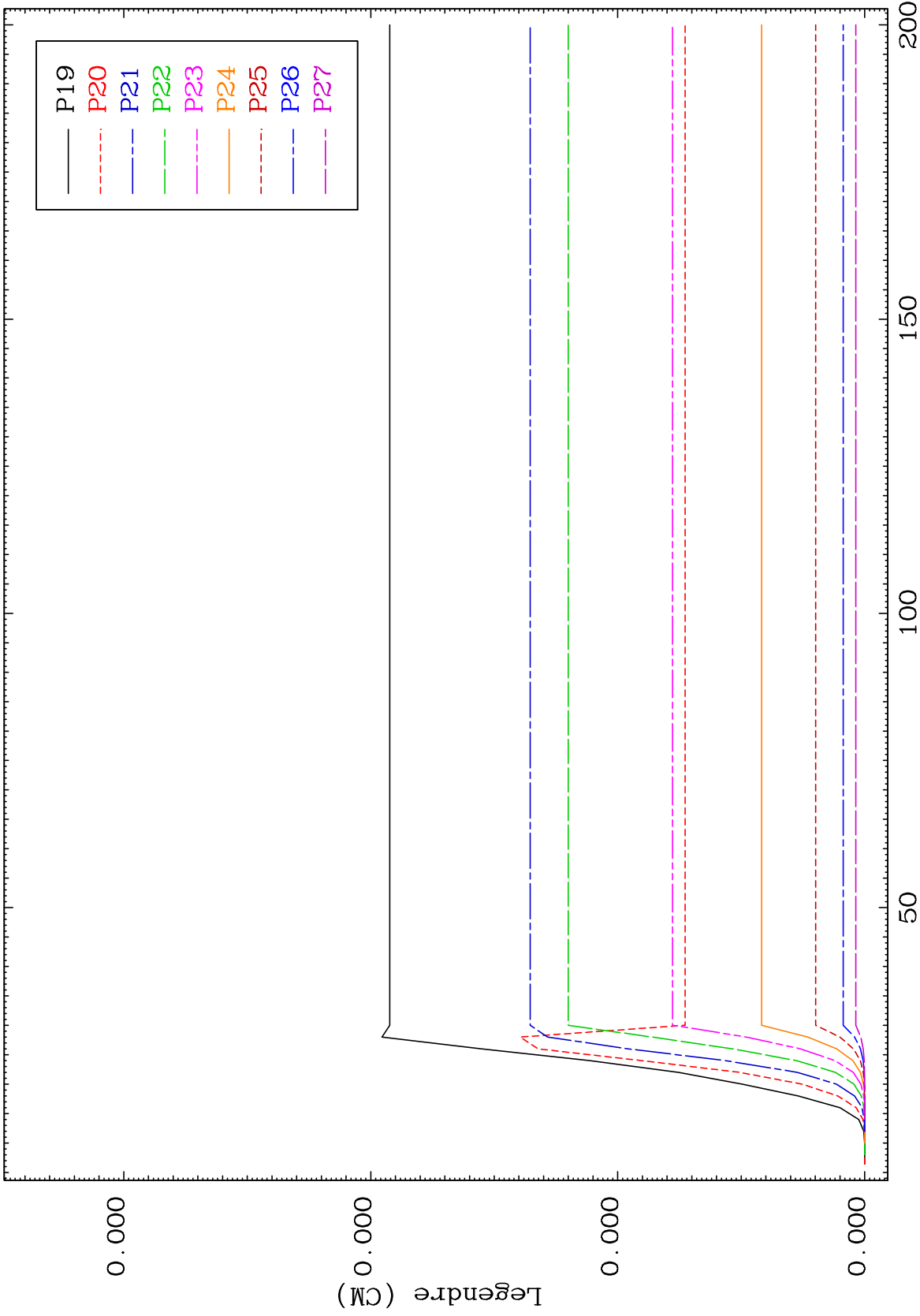
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



58

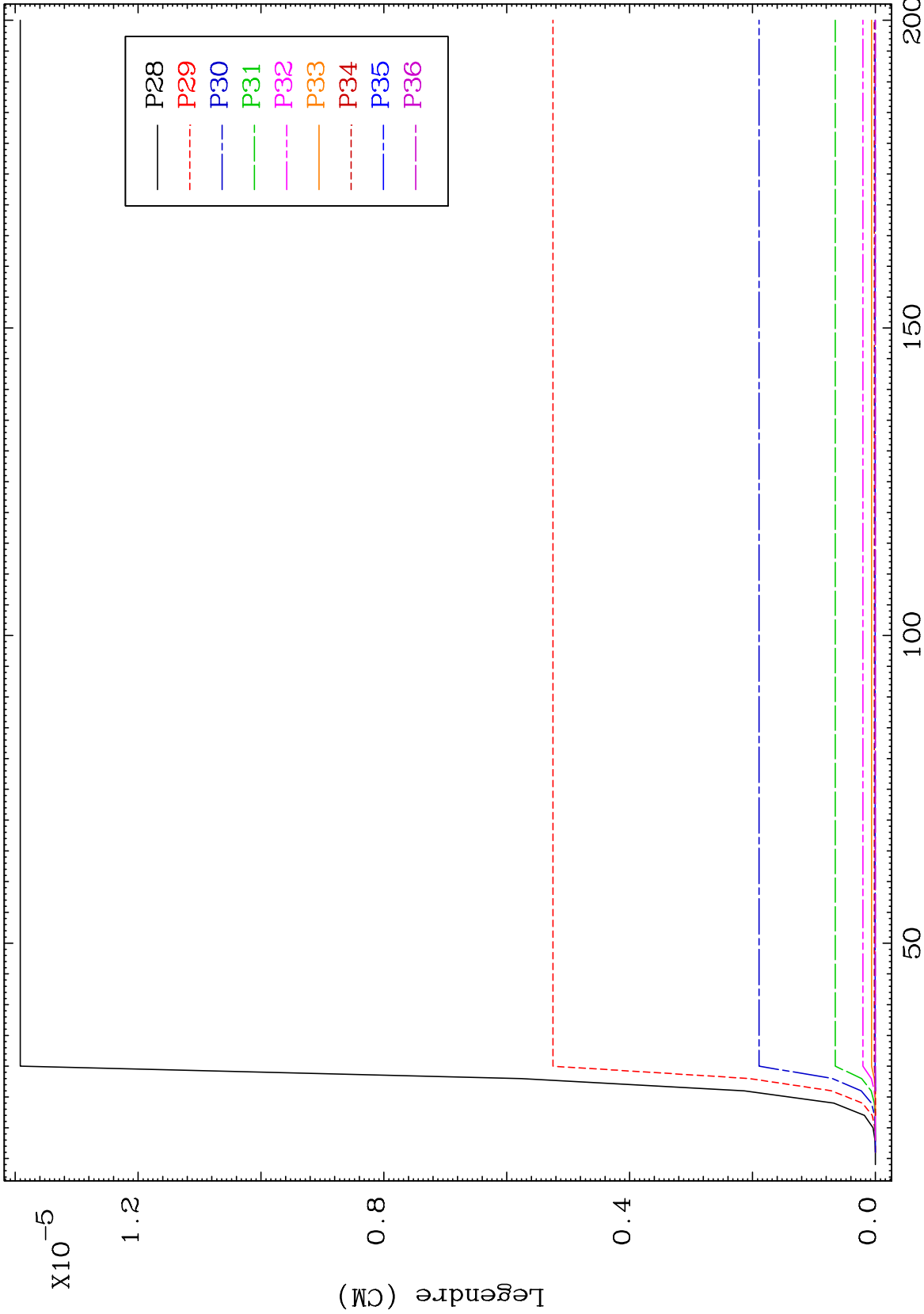
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



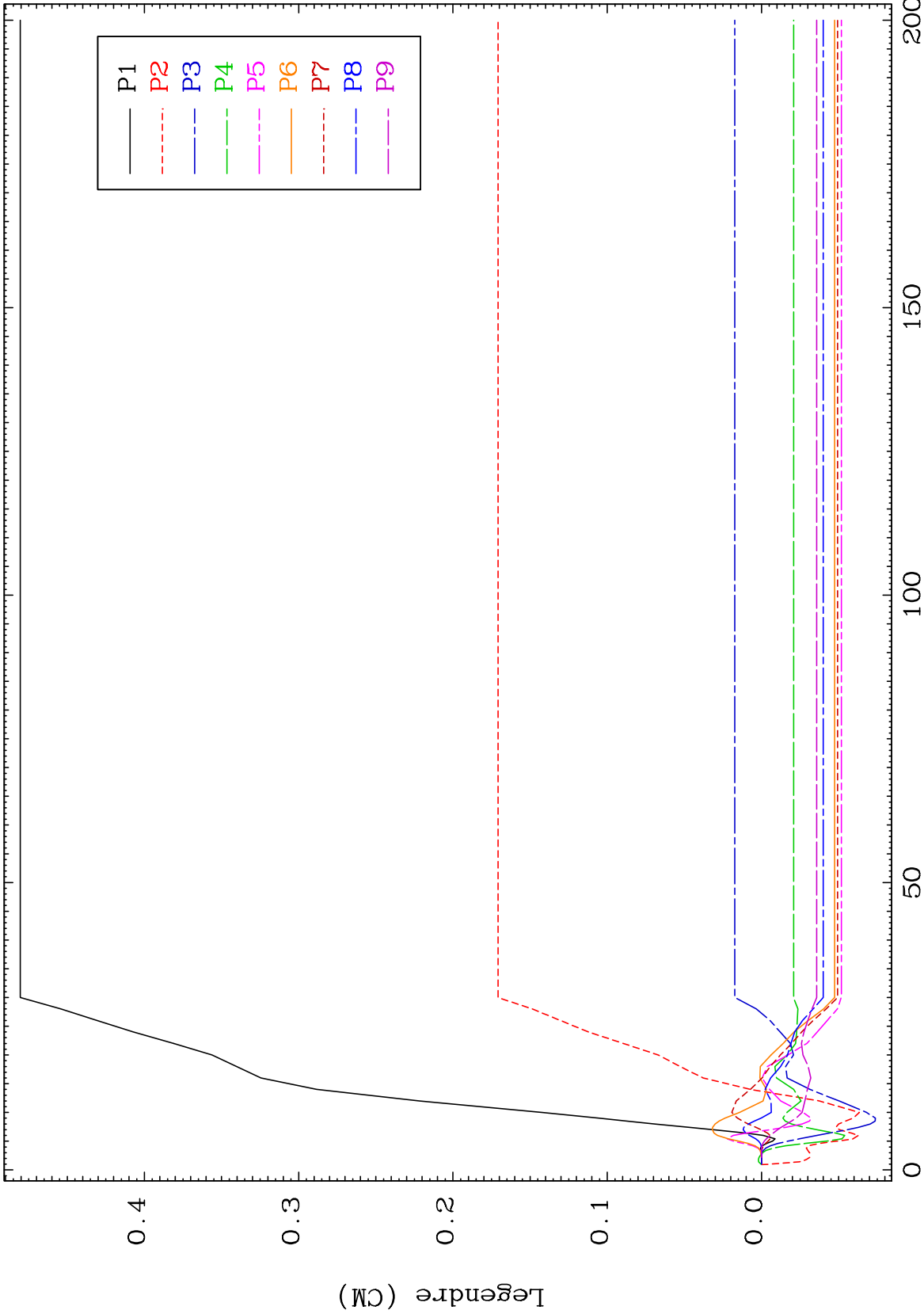
59

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

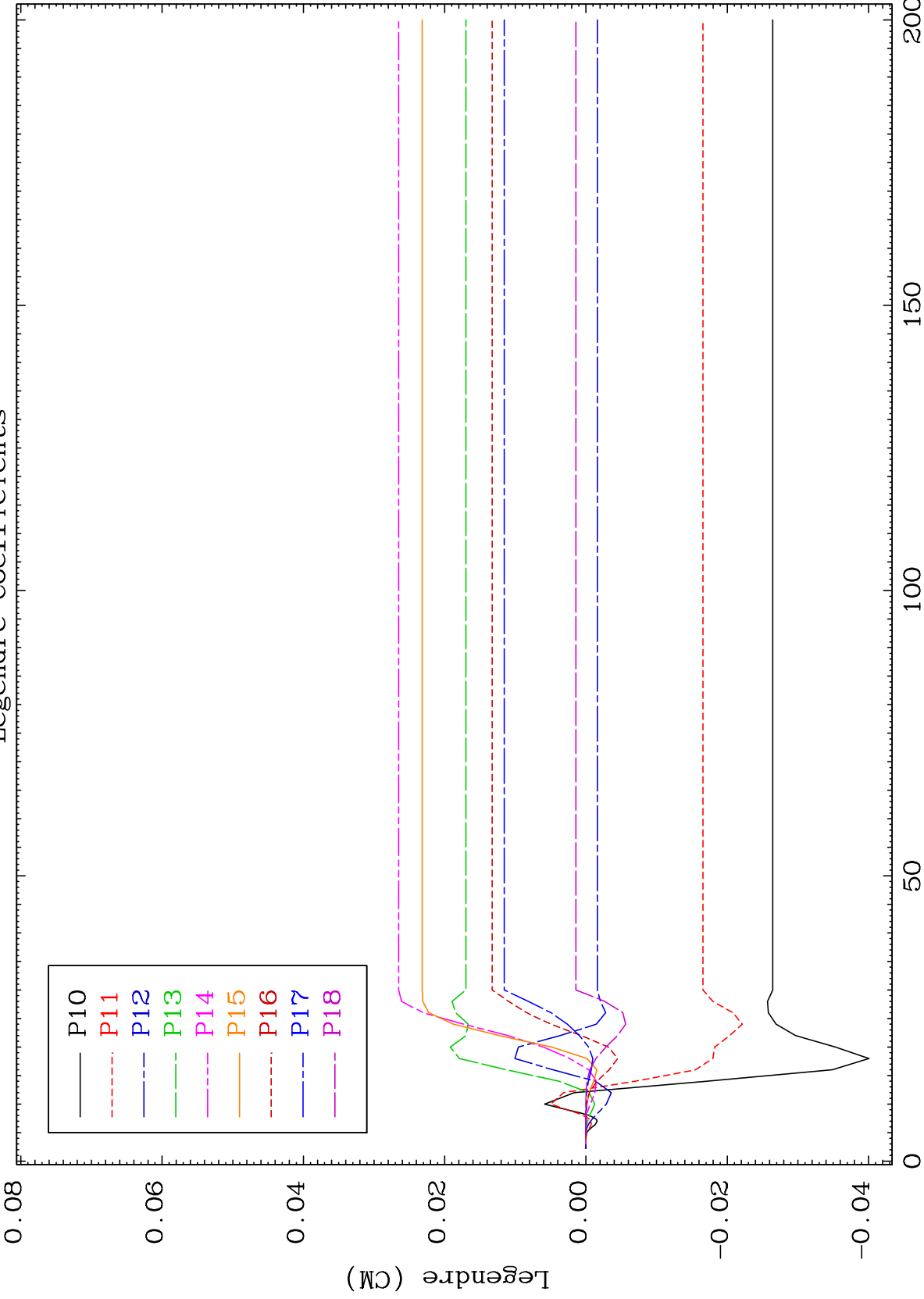
Incident Energy (MeV)

60

MAT 7137

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

71-Lu-179



71-Lu-179

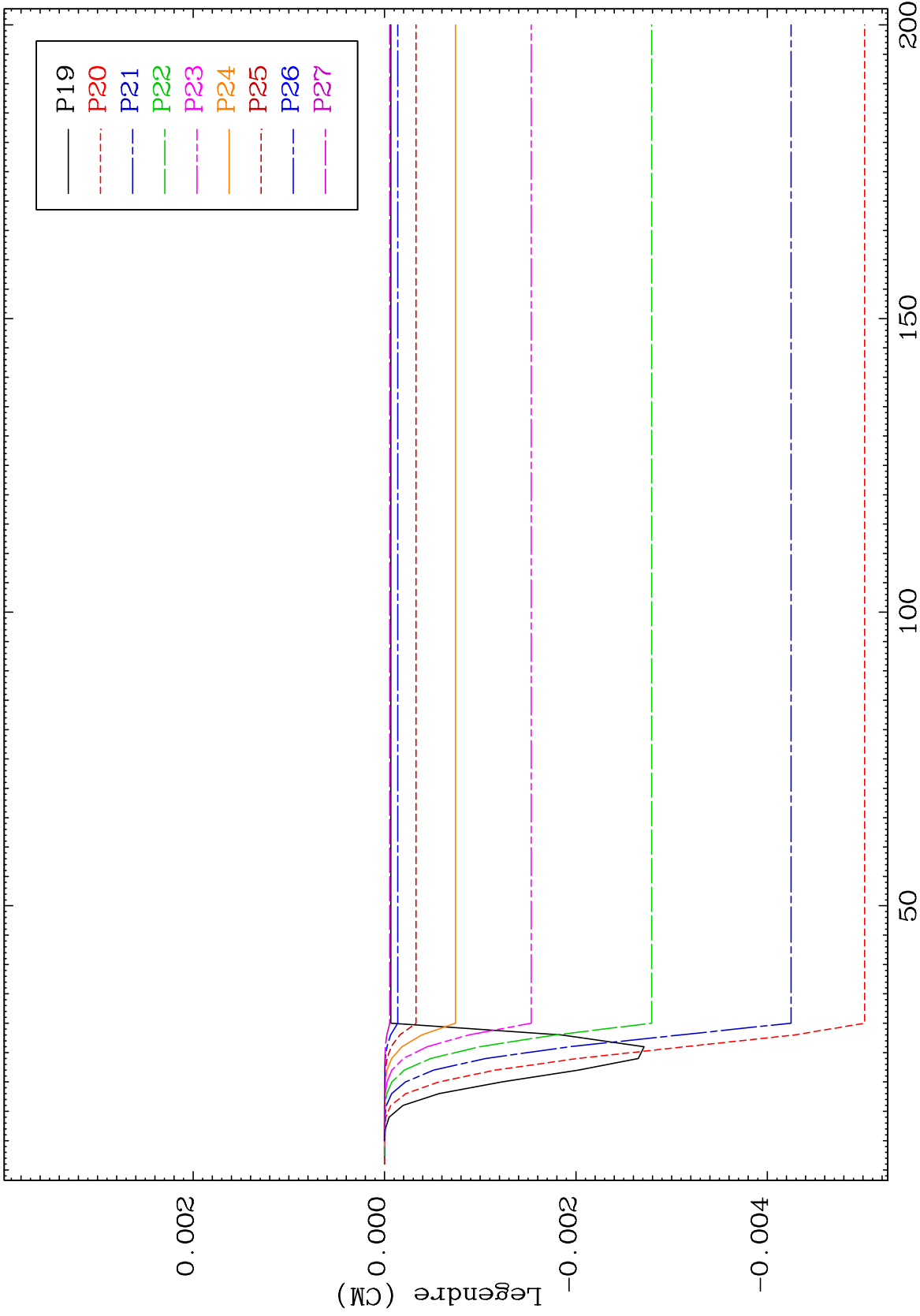
Incident Energy (MeV)

61

MAT 7137

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

71-Lu-179



62

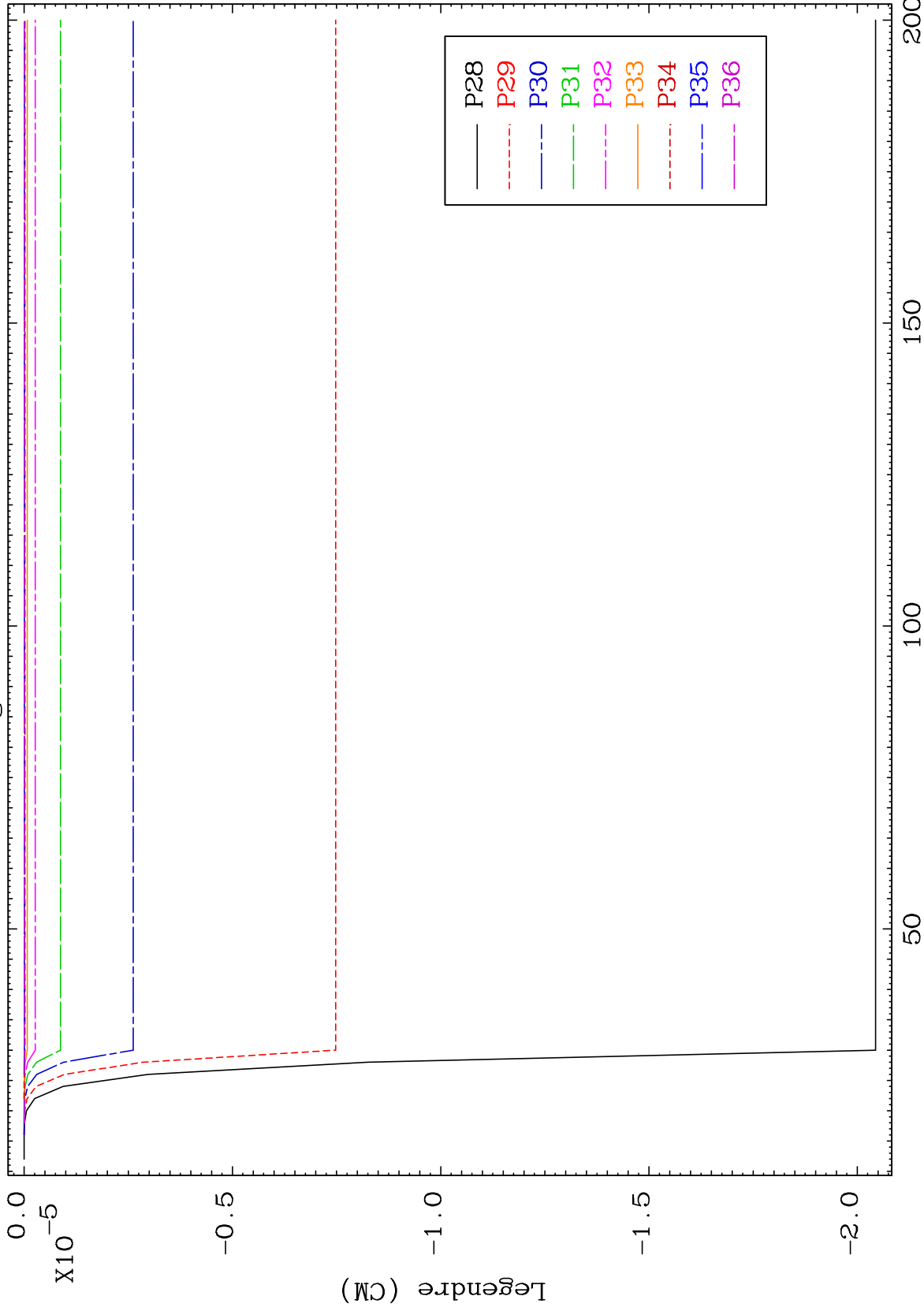
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



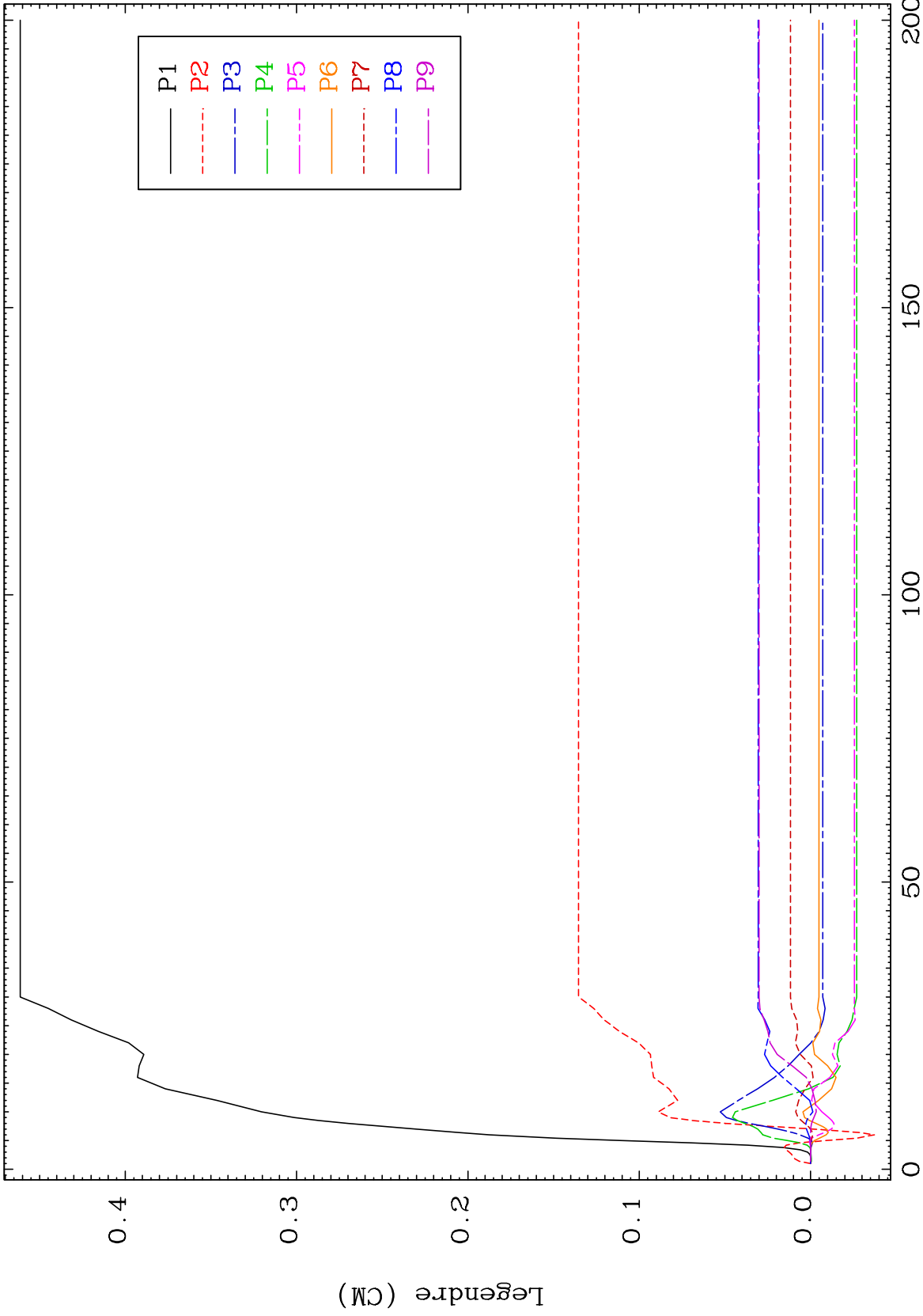
63

71-Lu-179

MAT 7137

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

71-Lu-179



64

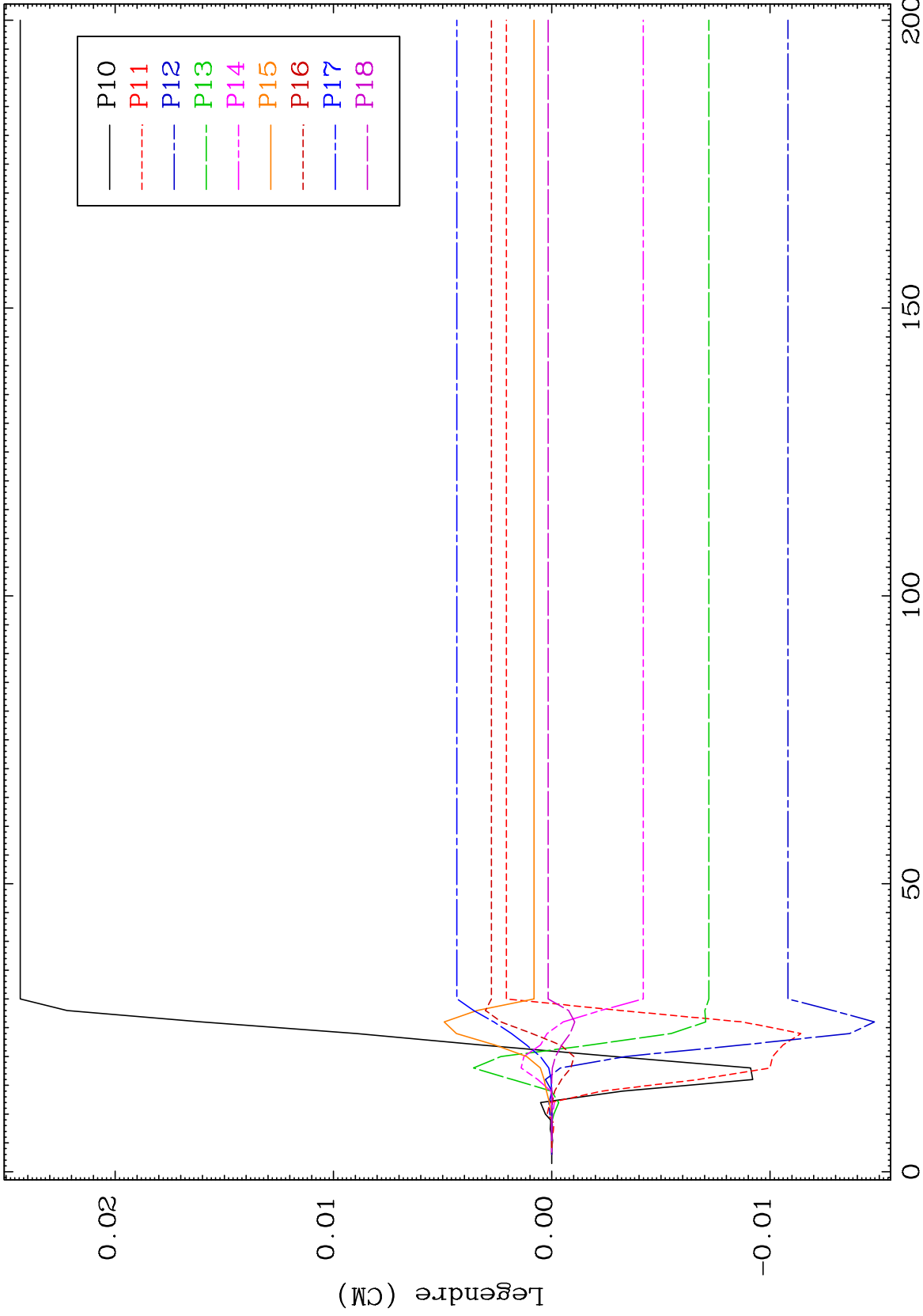
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



65

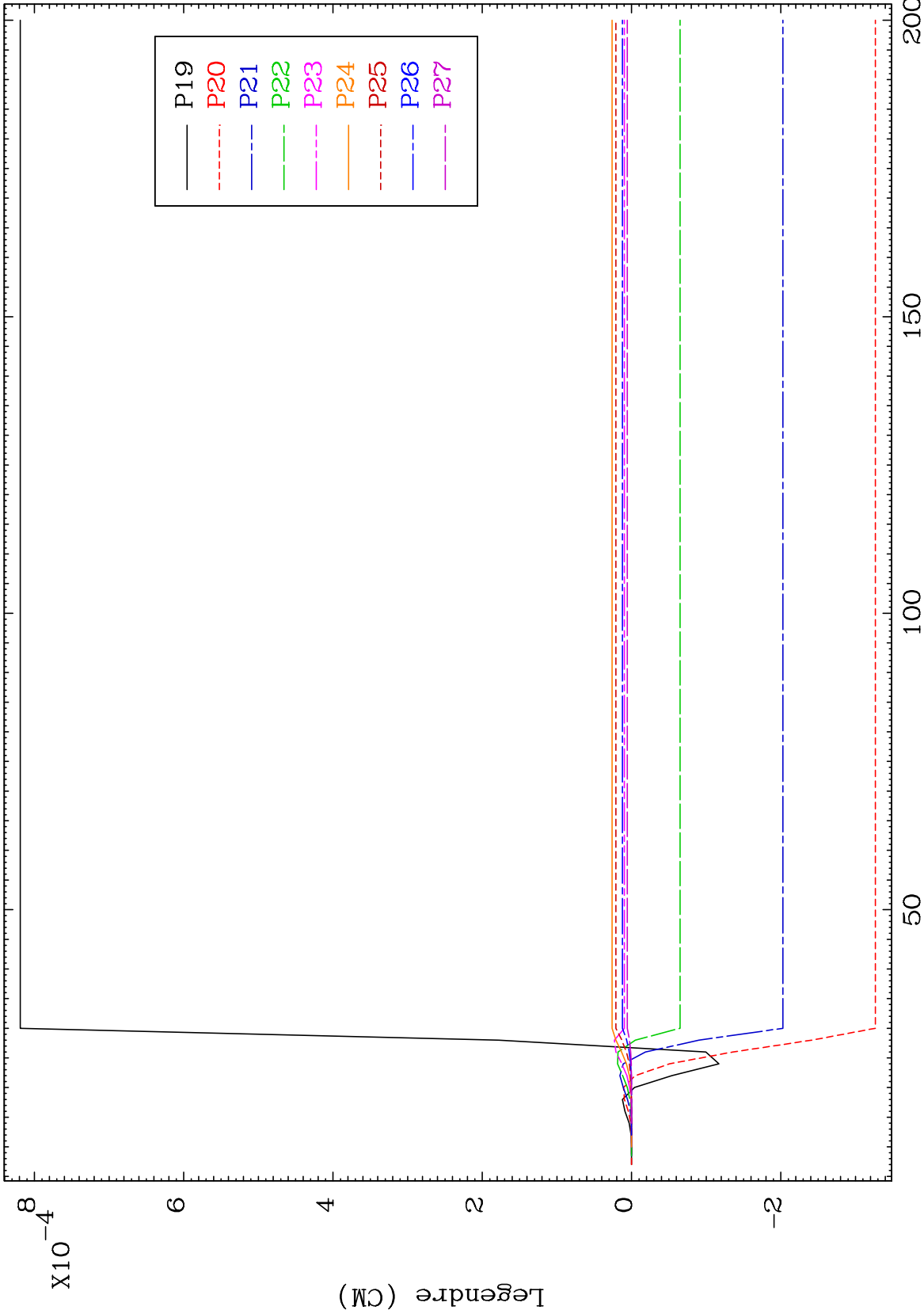
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



66

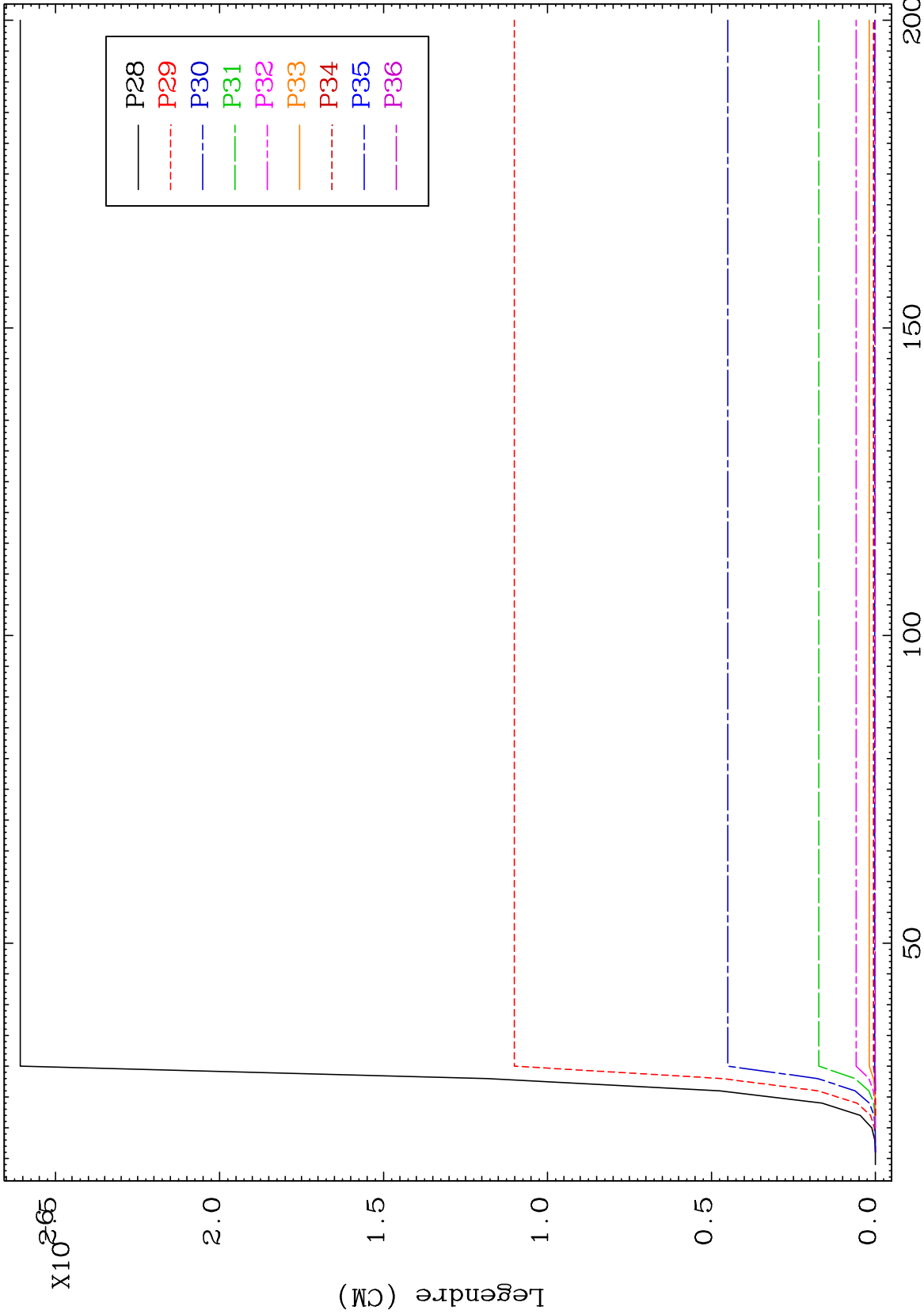
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



67

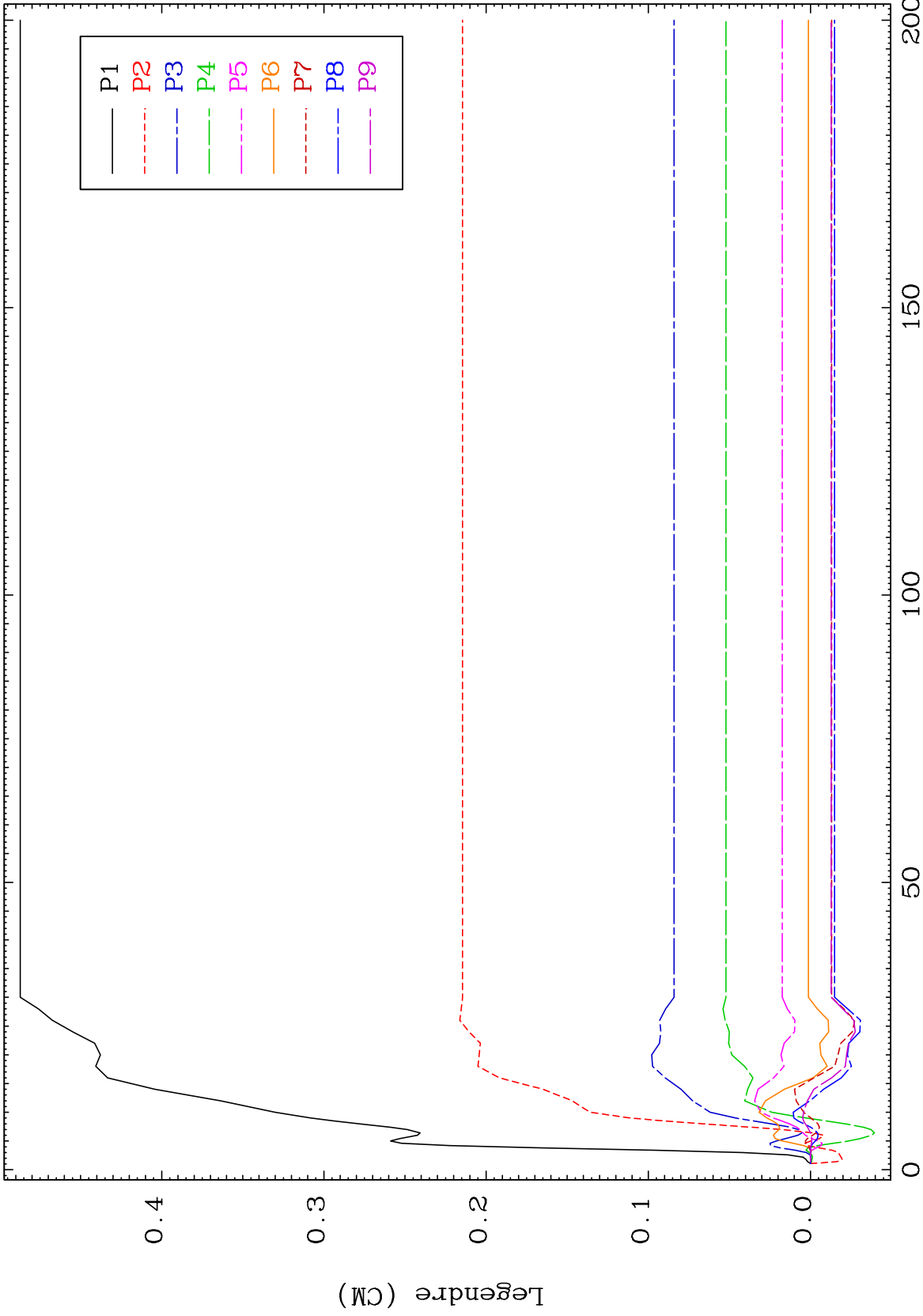
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



68

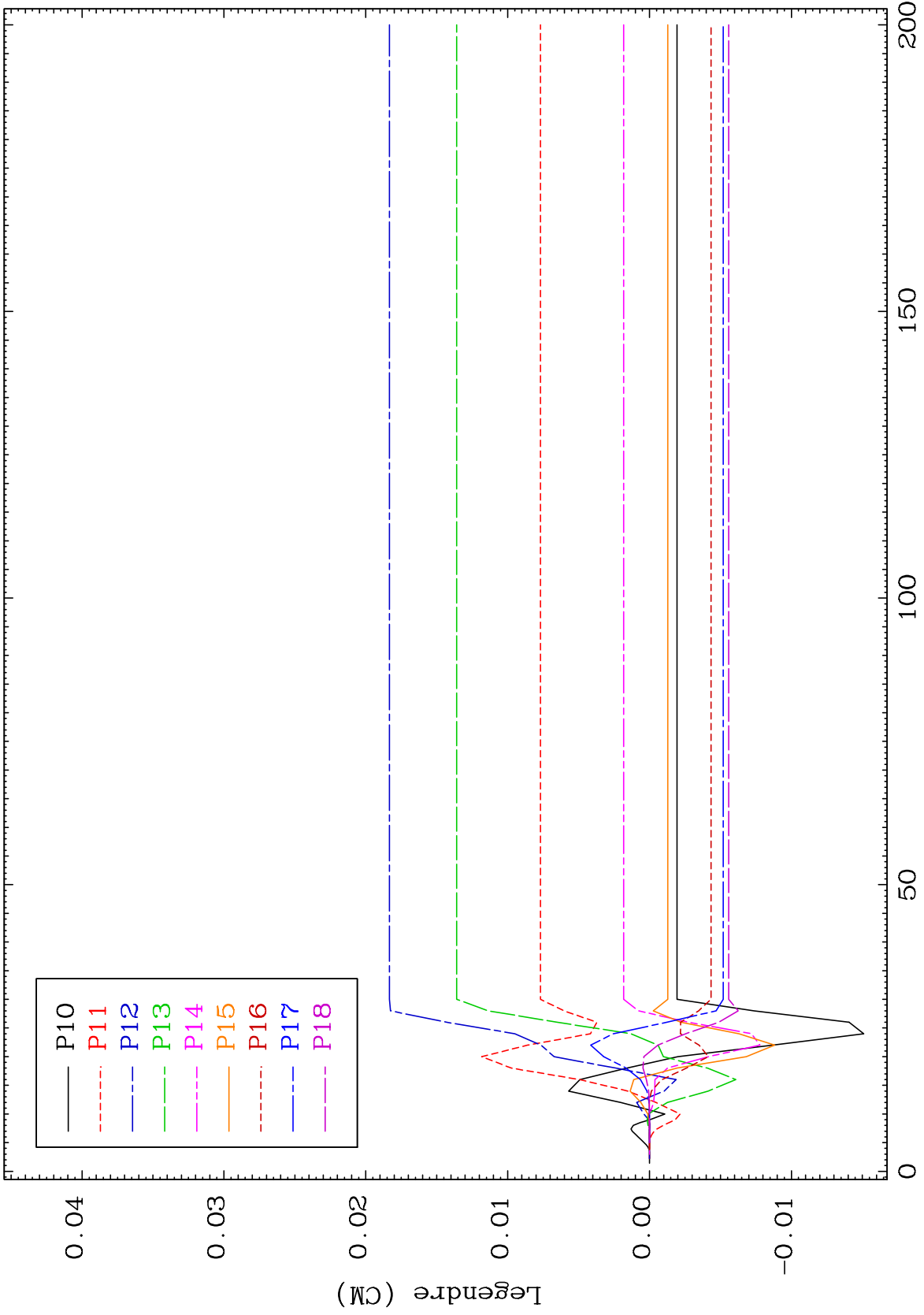
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



69

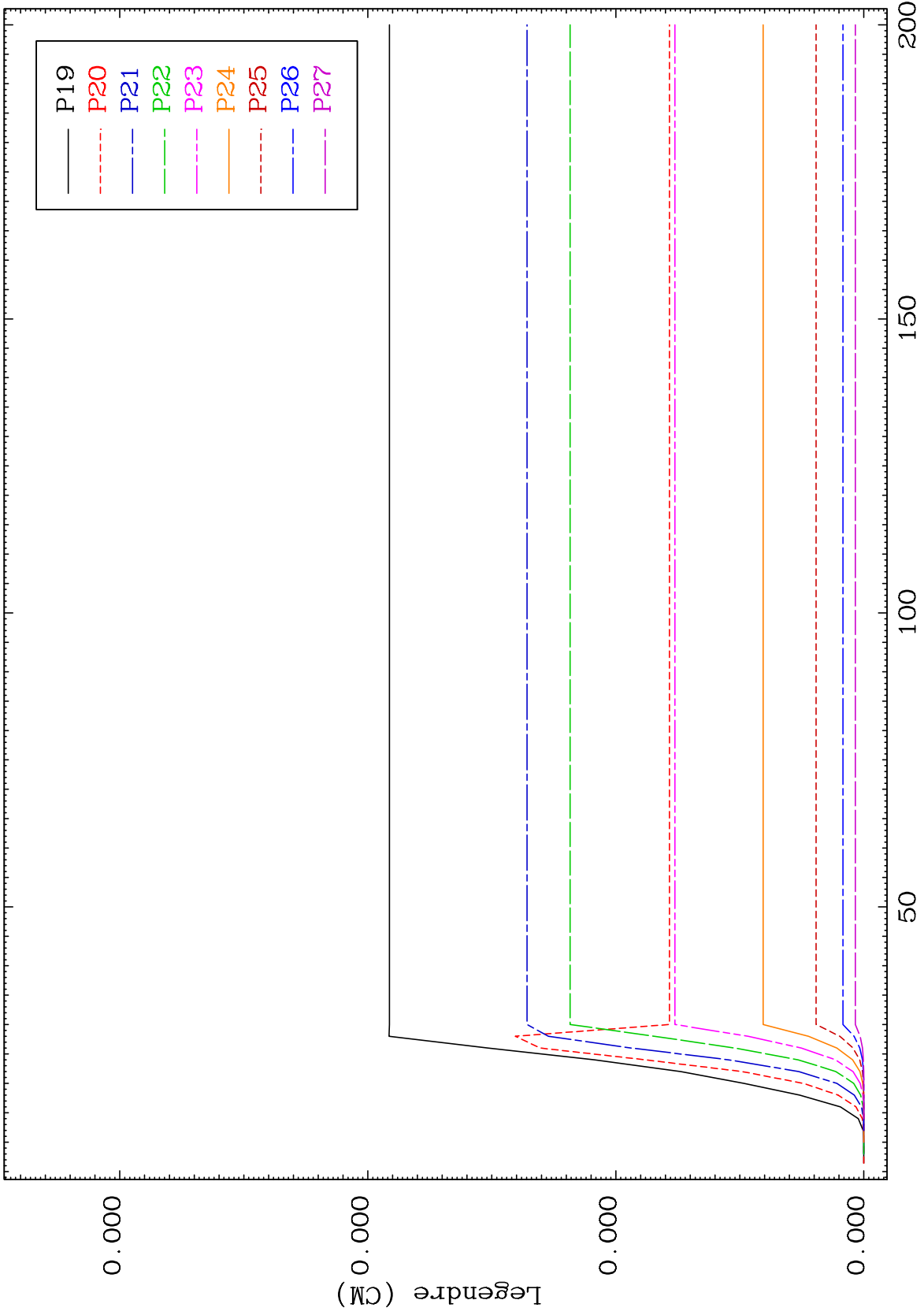
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



70

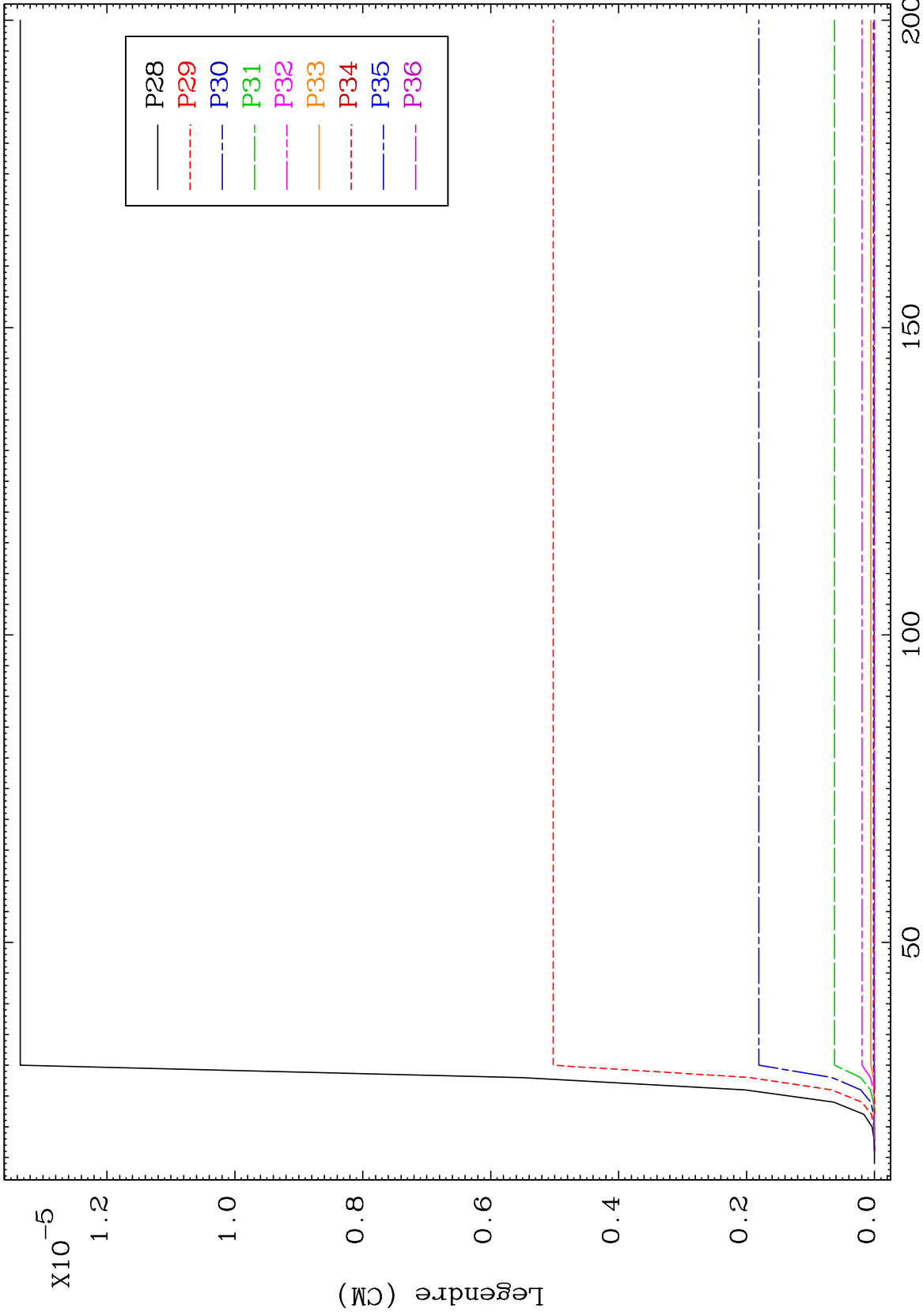
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71

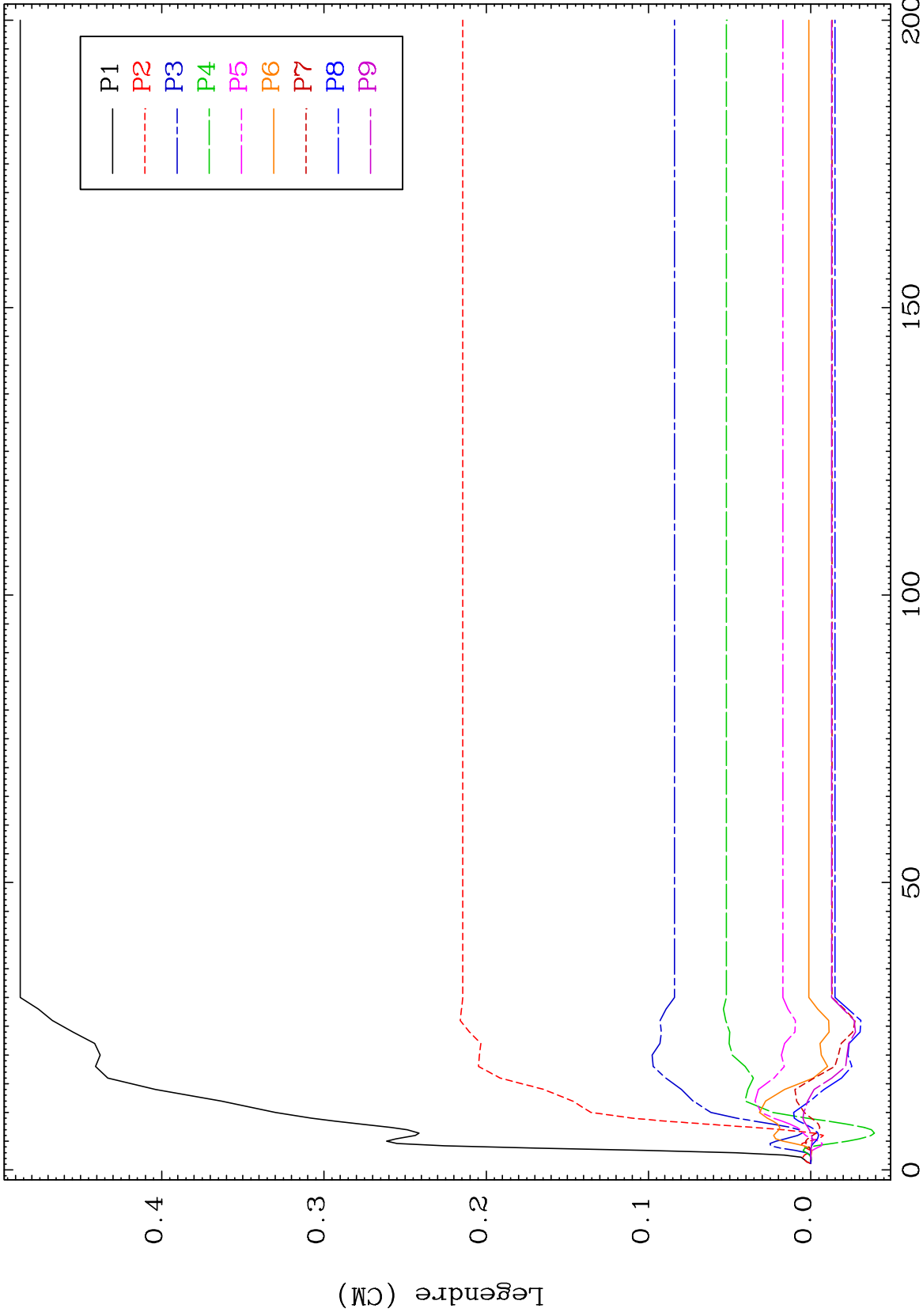
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



72

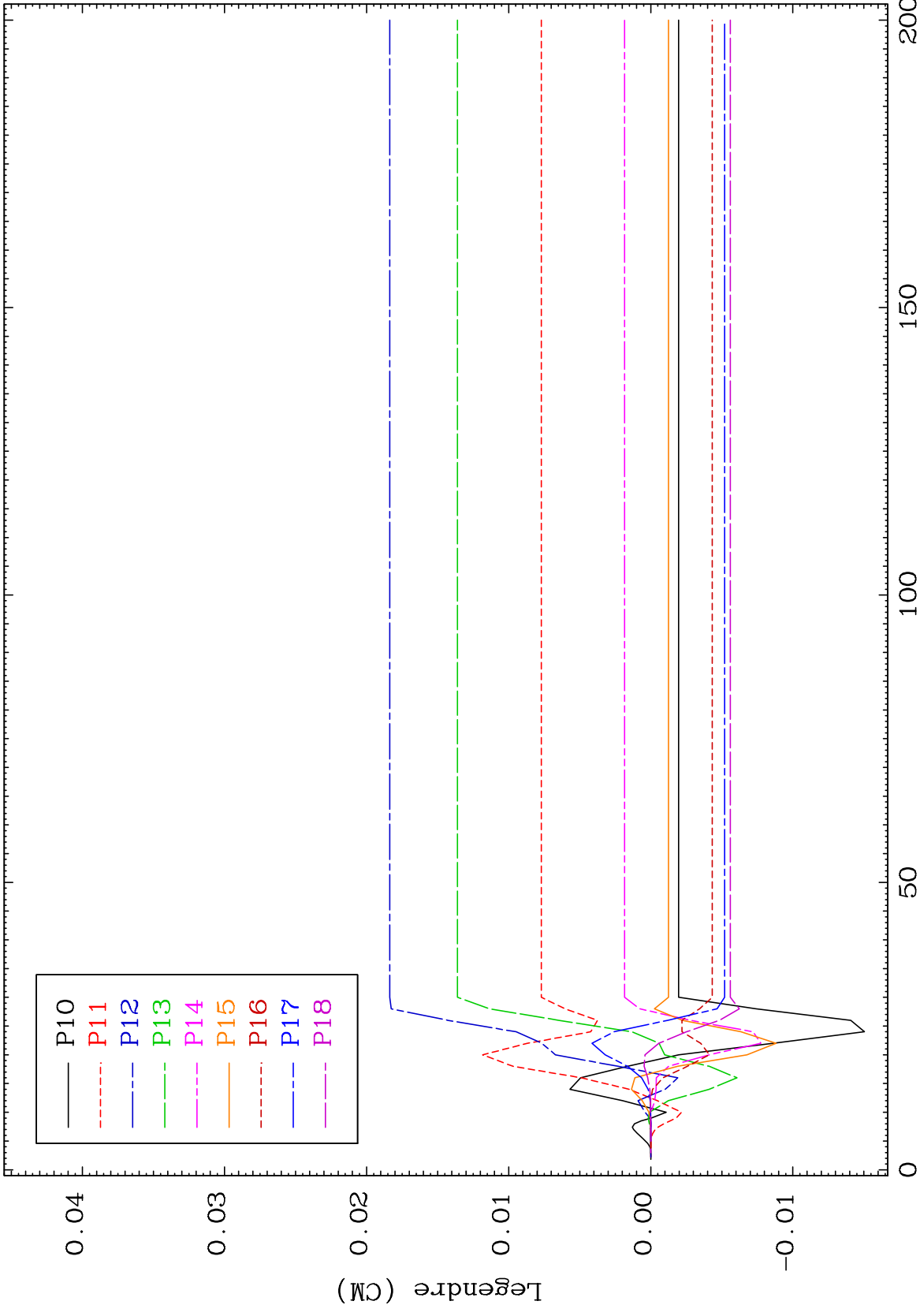
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



73

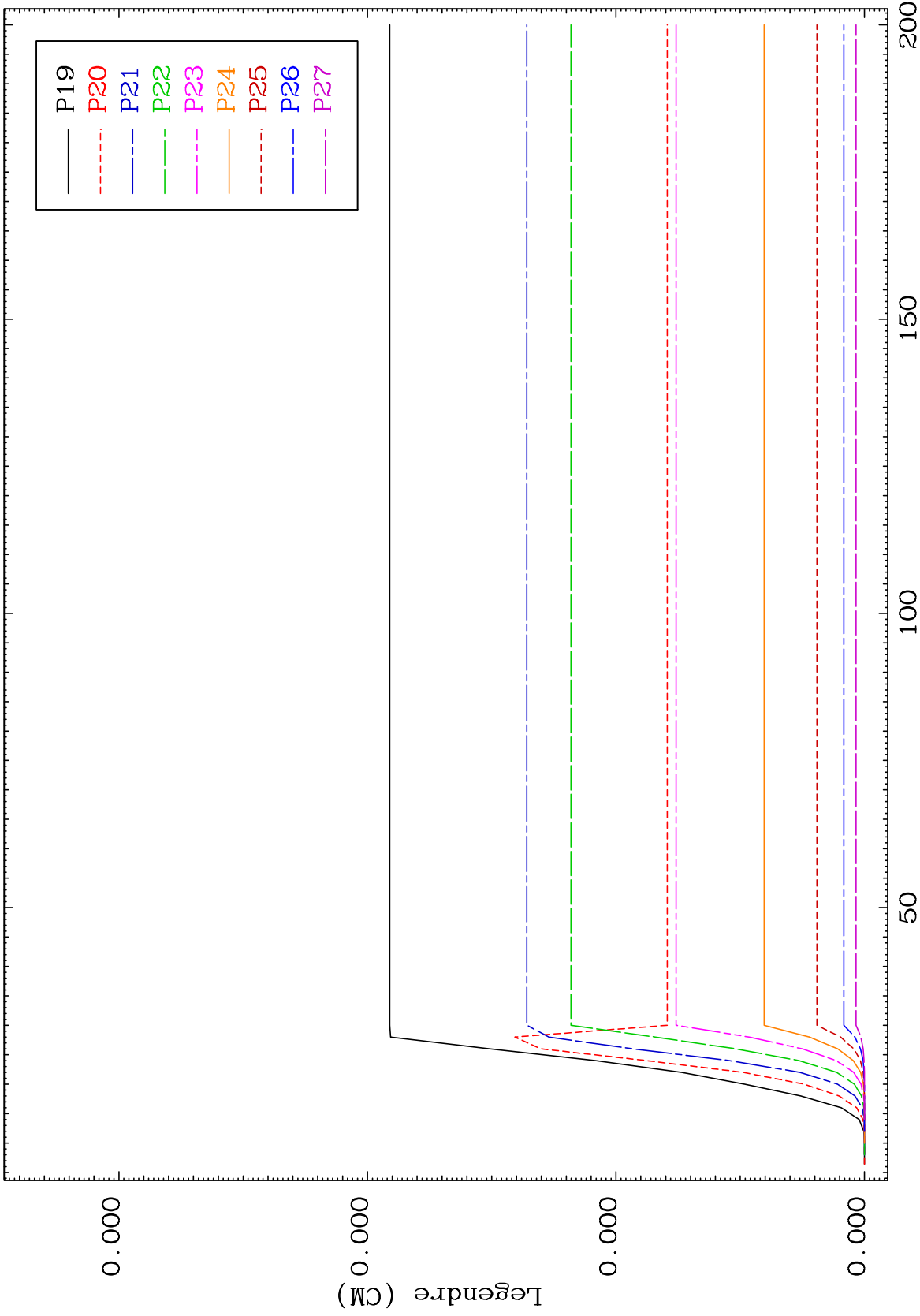
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



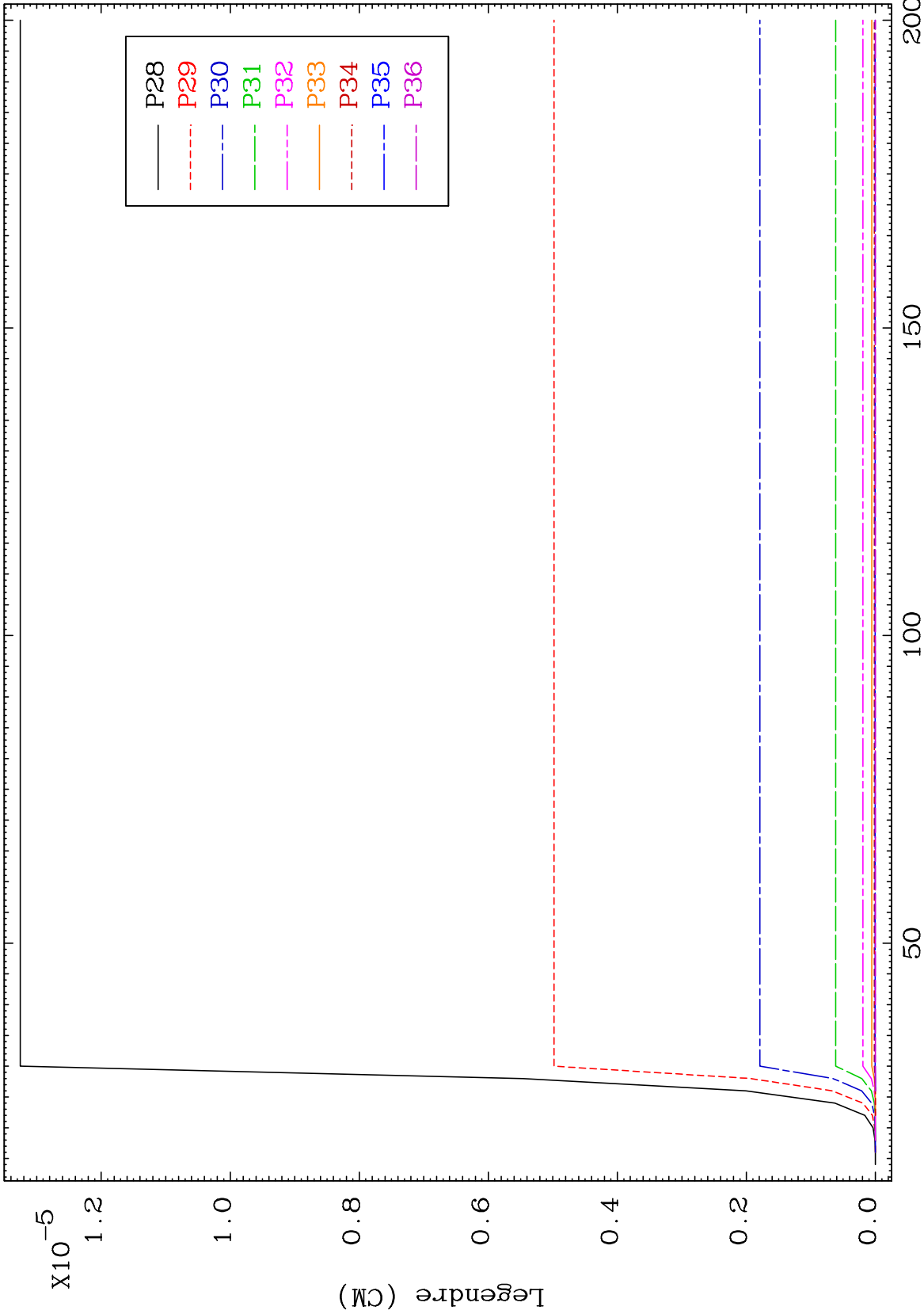
74

71-Lu-179

MAT 7137

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

71-Lu-179



75

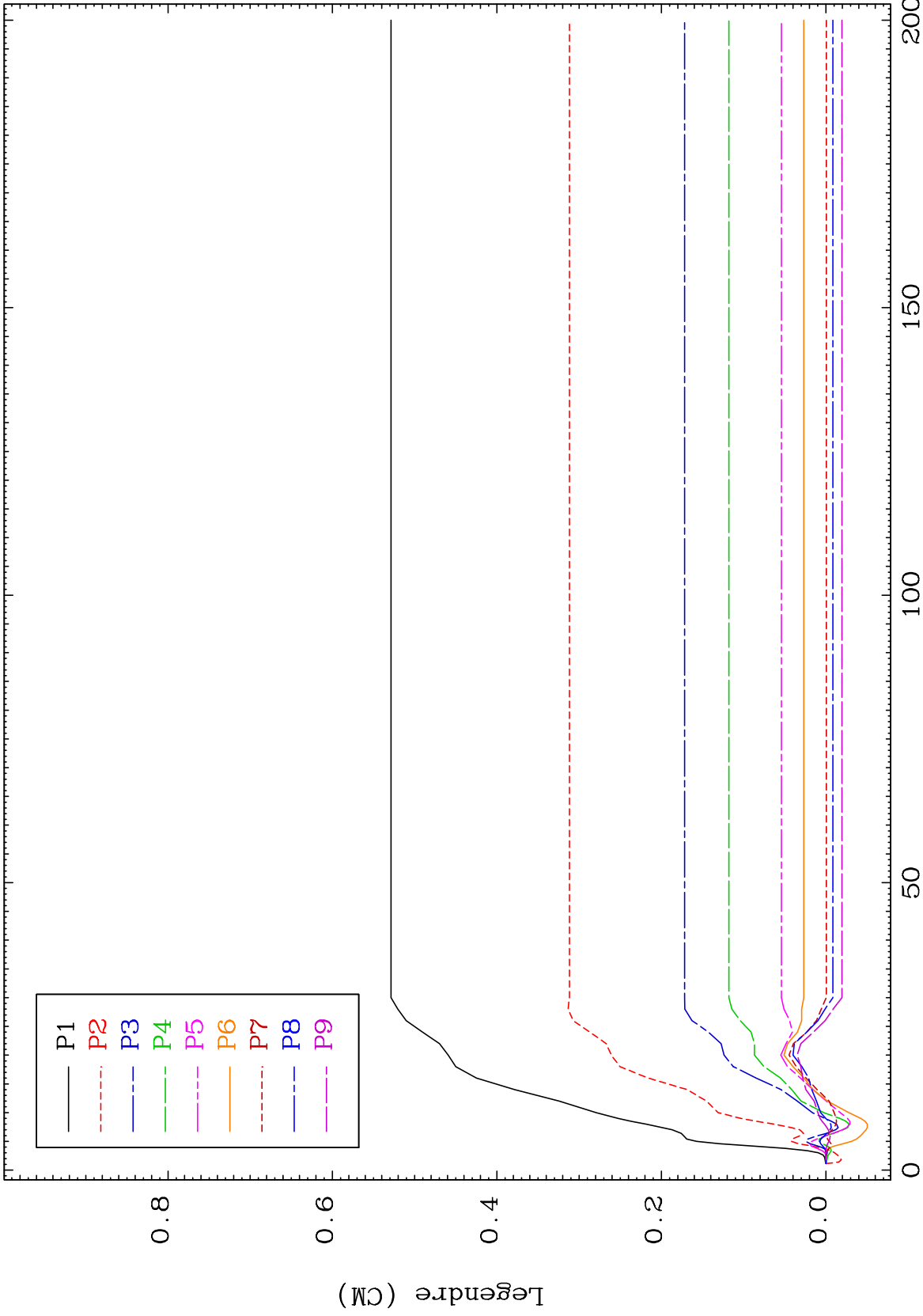
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



76

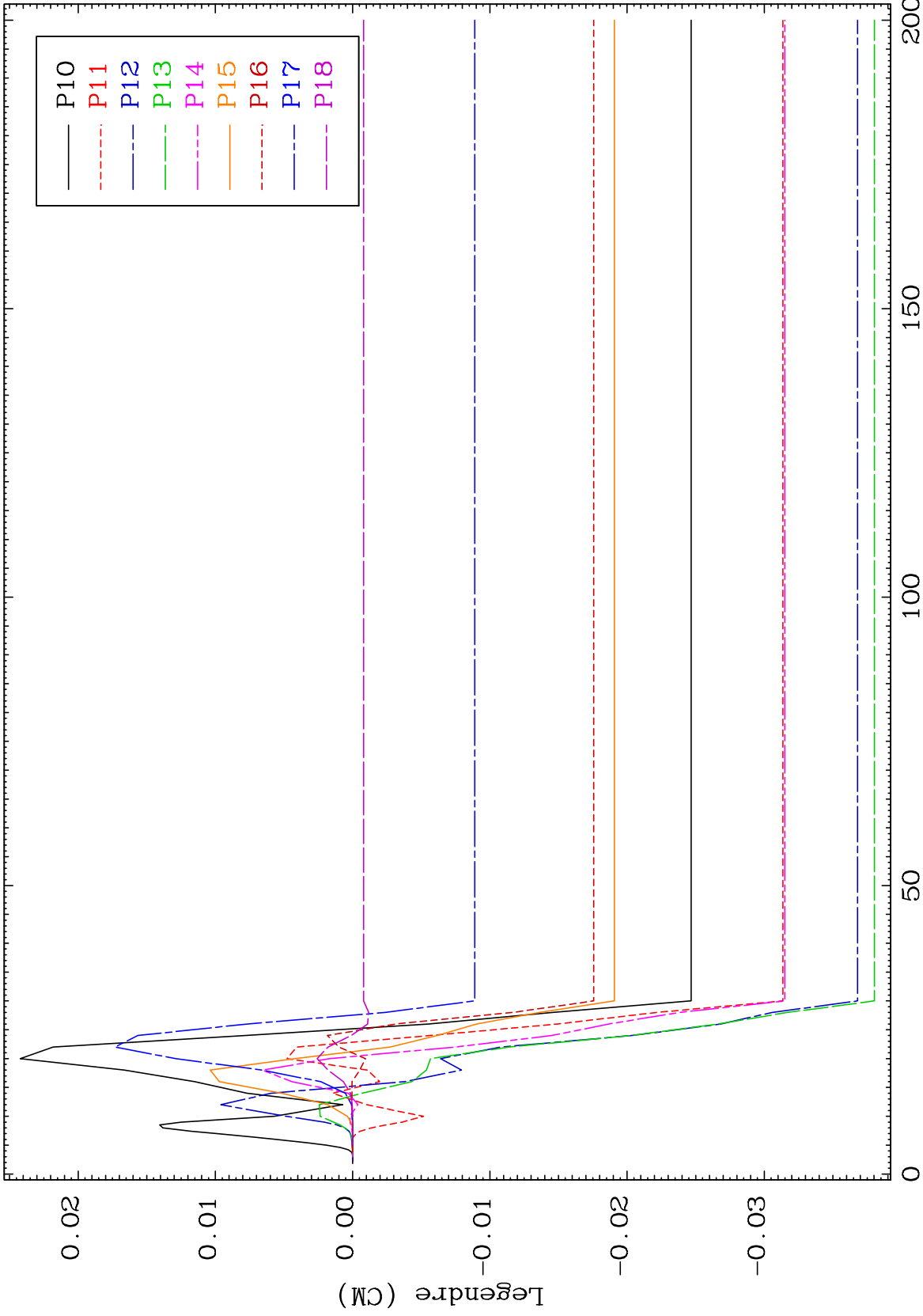
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



77

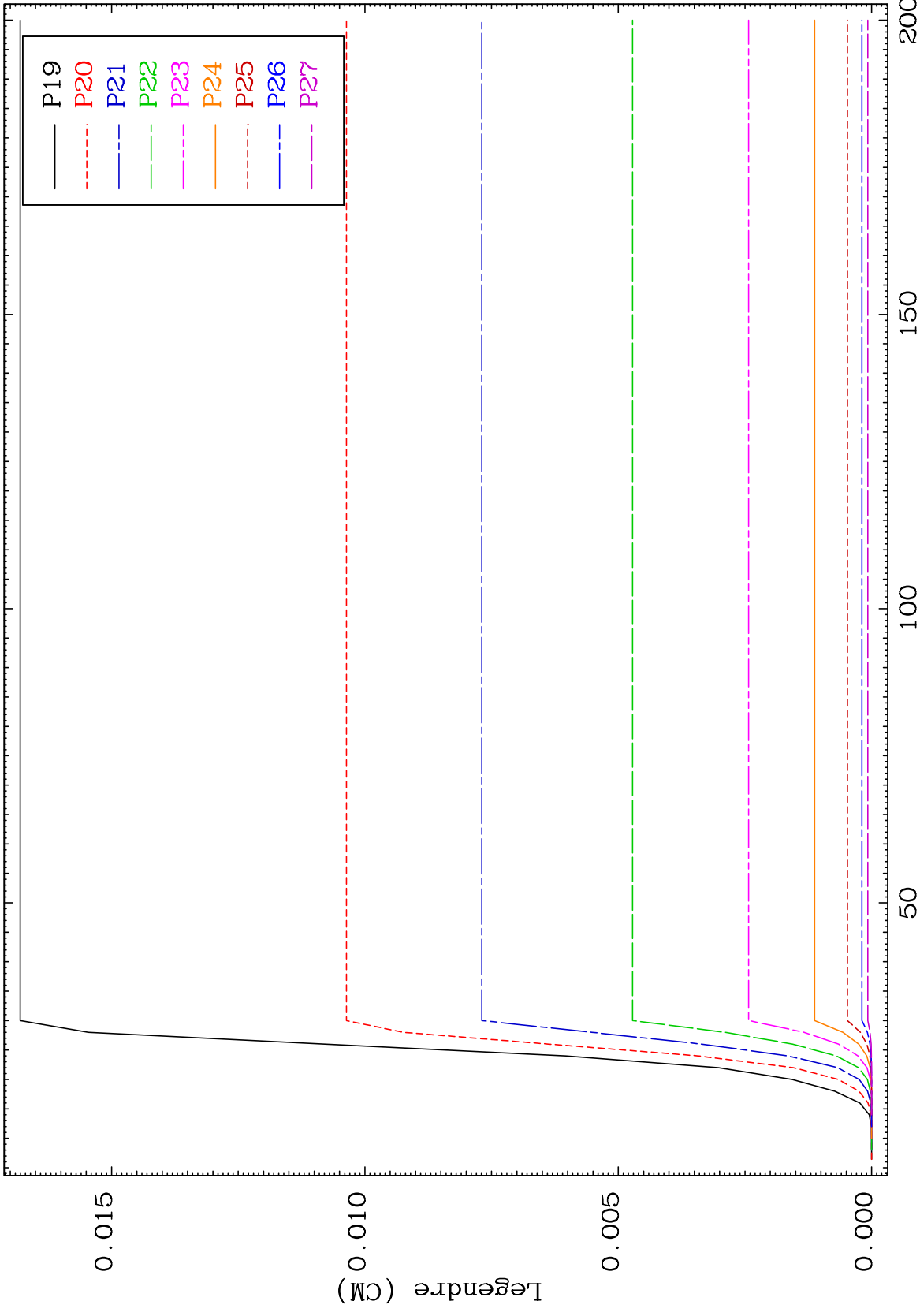
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



78

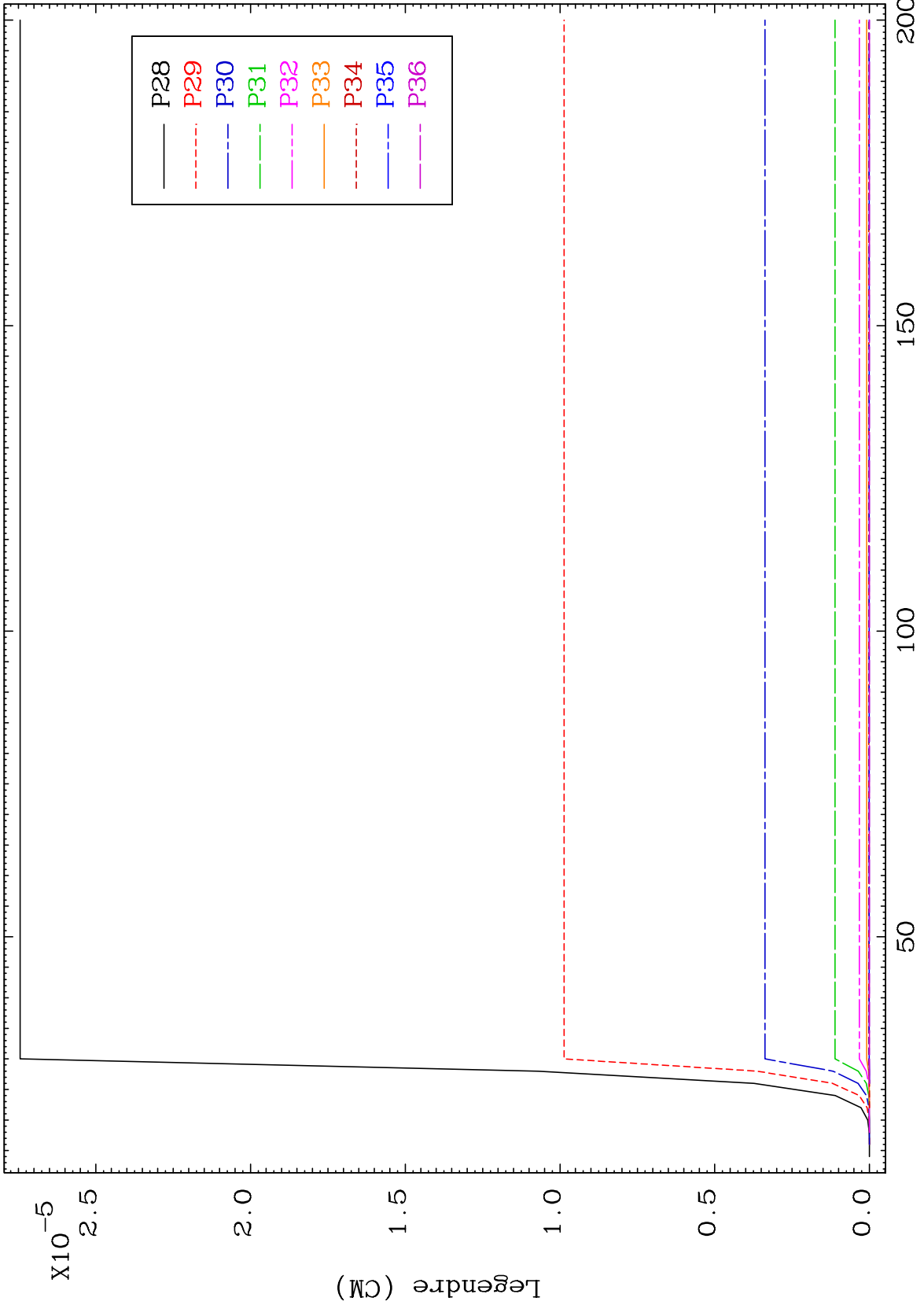
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



79

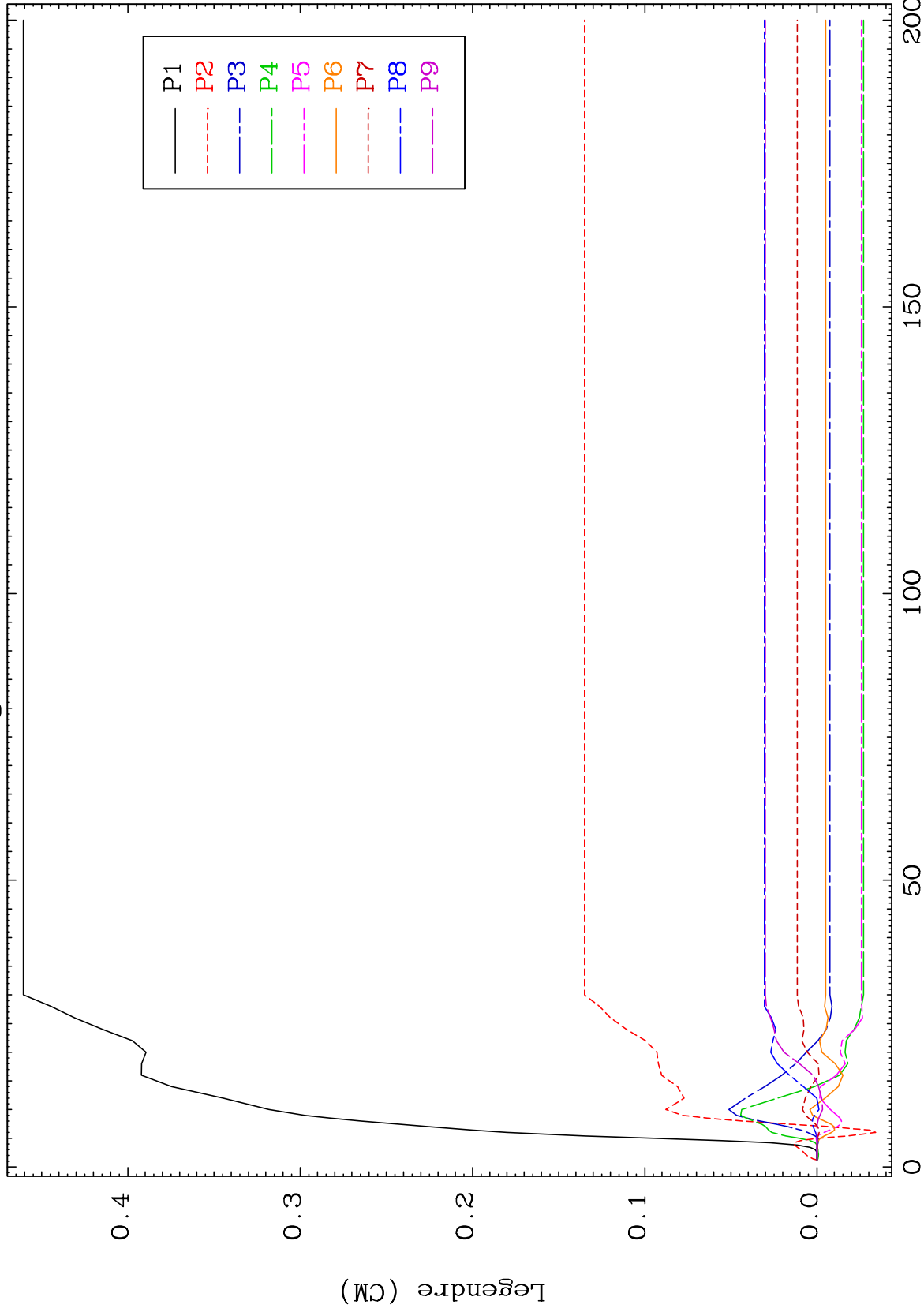
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

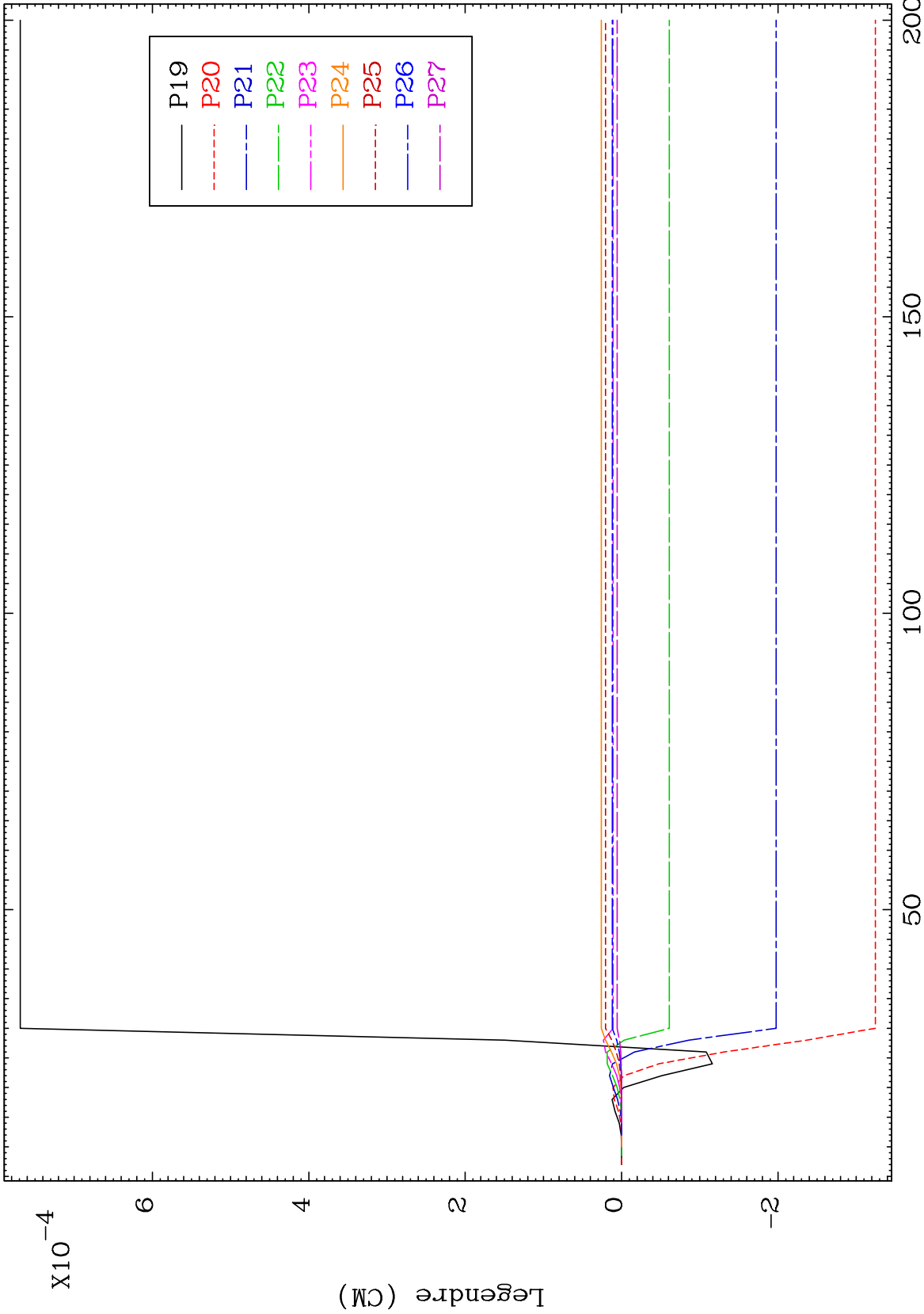
Incident Energy (MeV)

80

MAT 7137

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

71-Lu-179



82

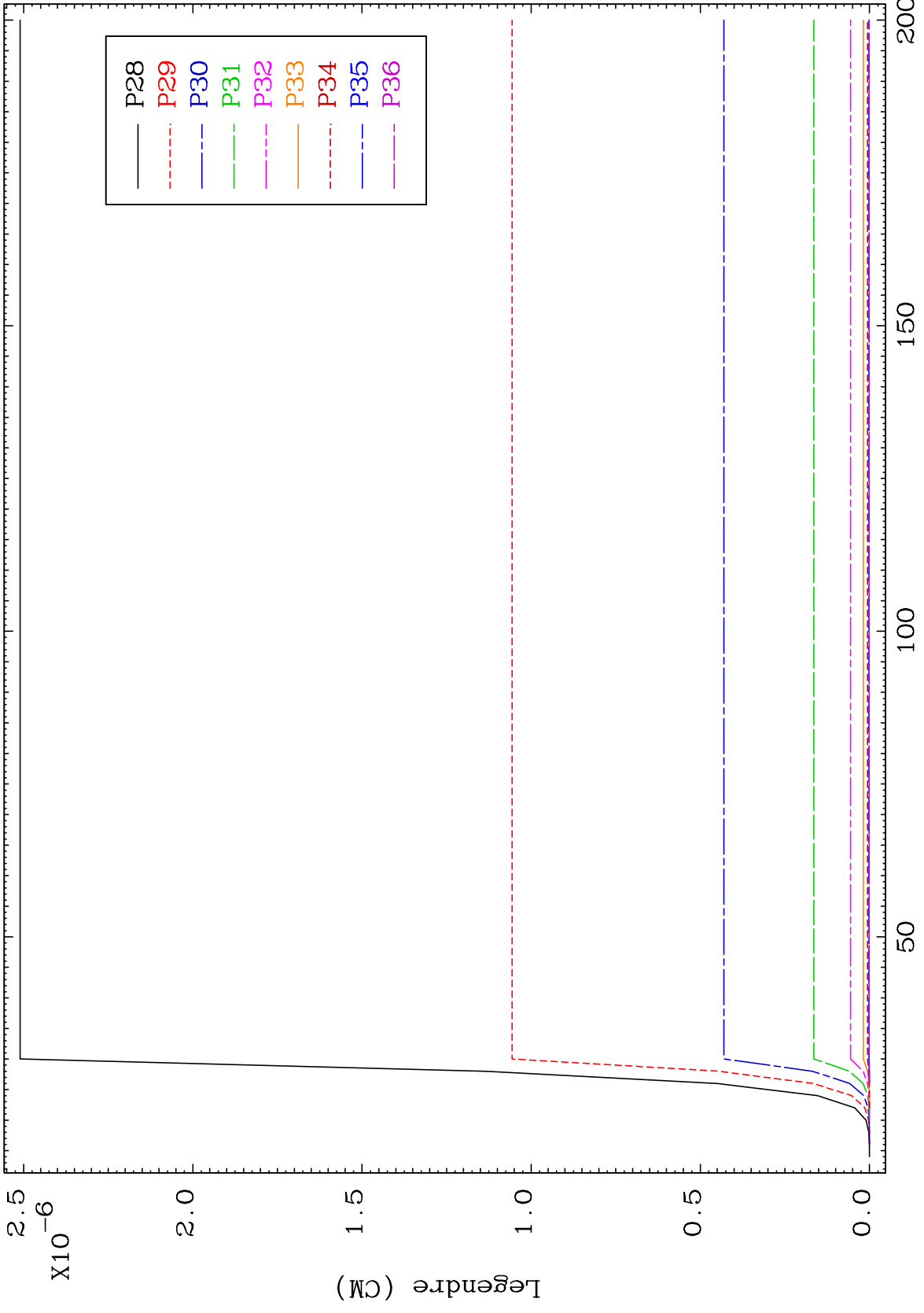
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



83

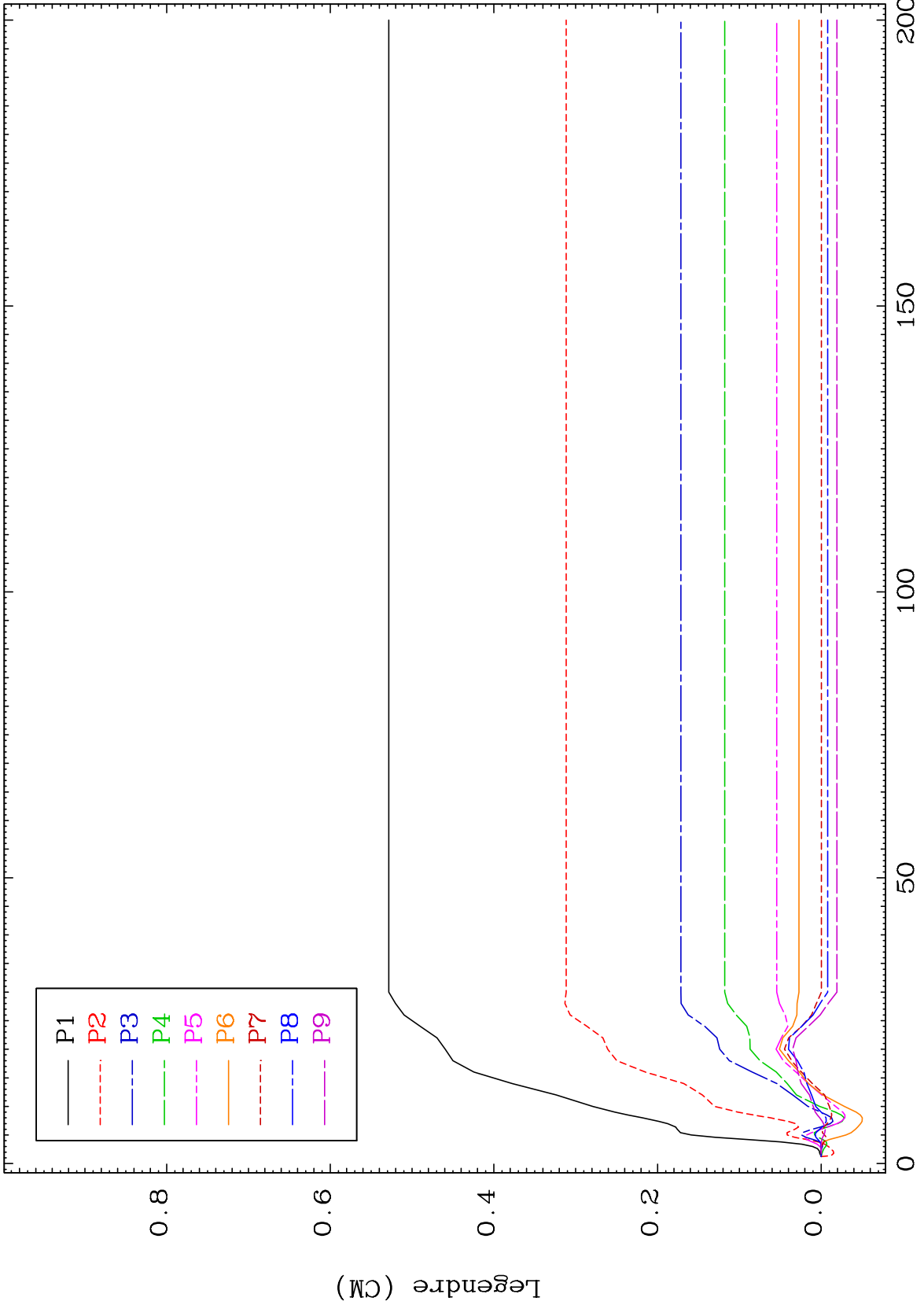
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



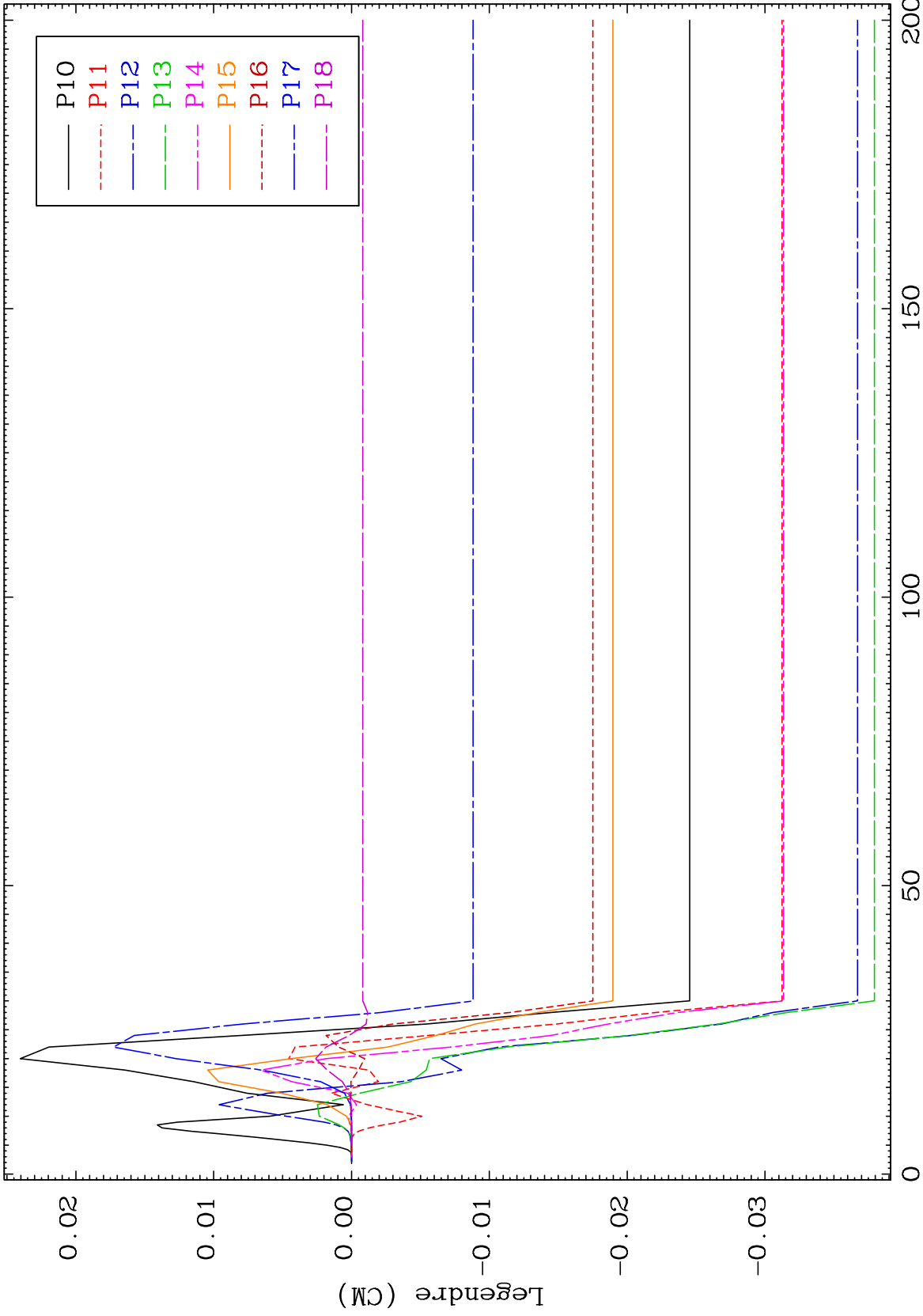
84

71-Lu-179

MAT 7137

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

71-Lu-179



85

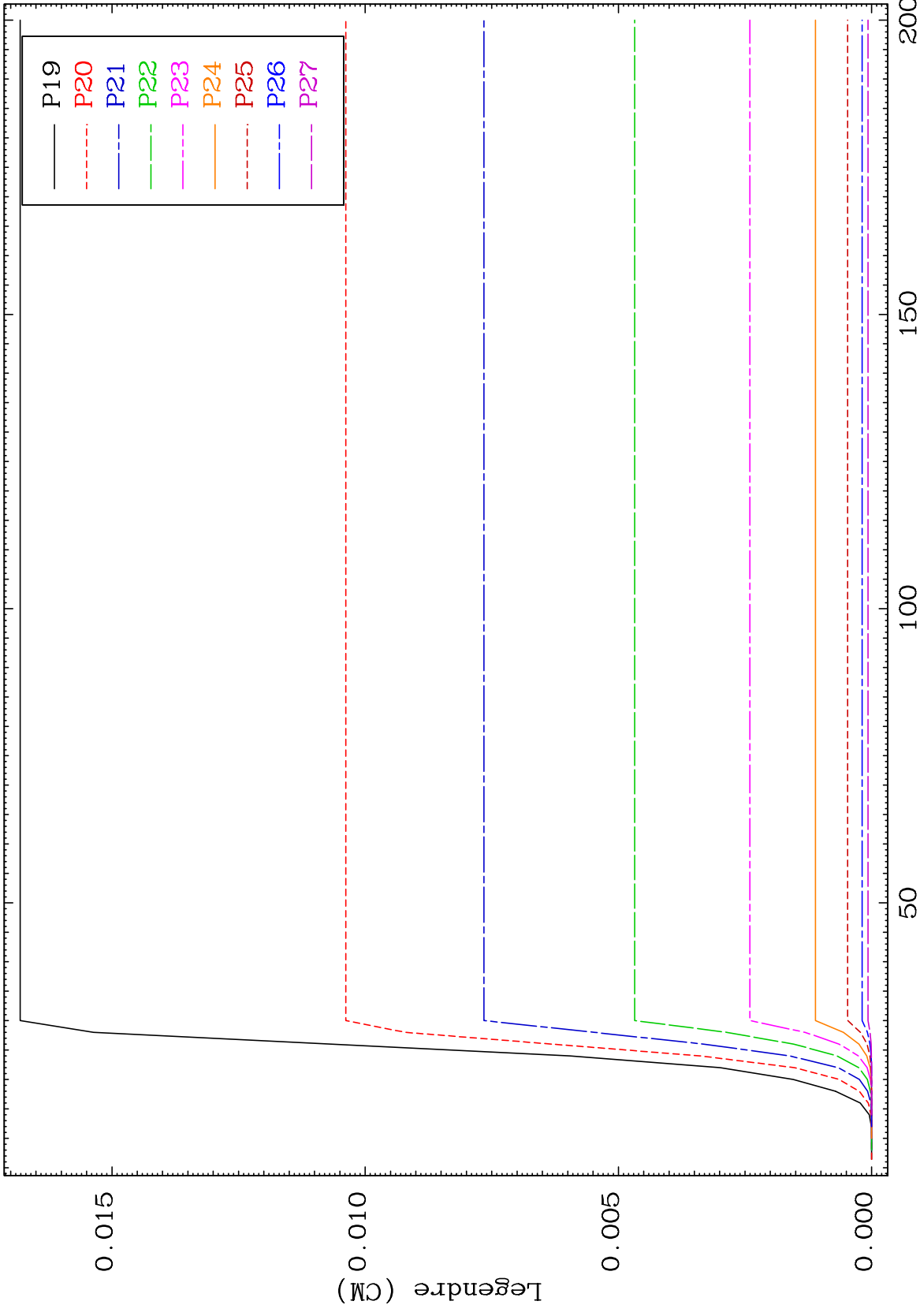
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



86

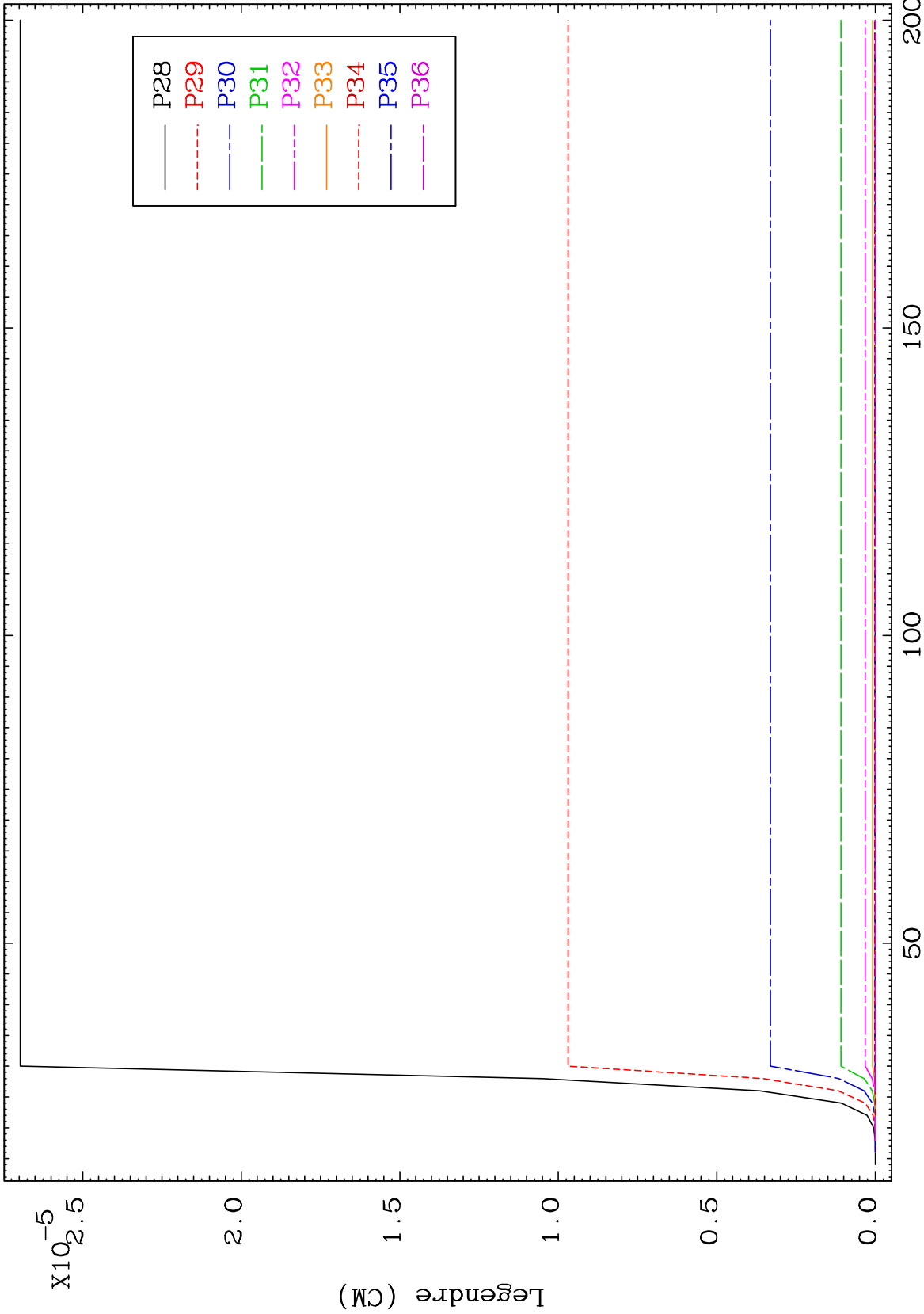
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



87

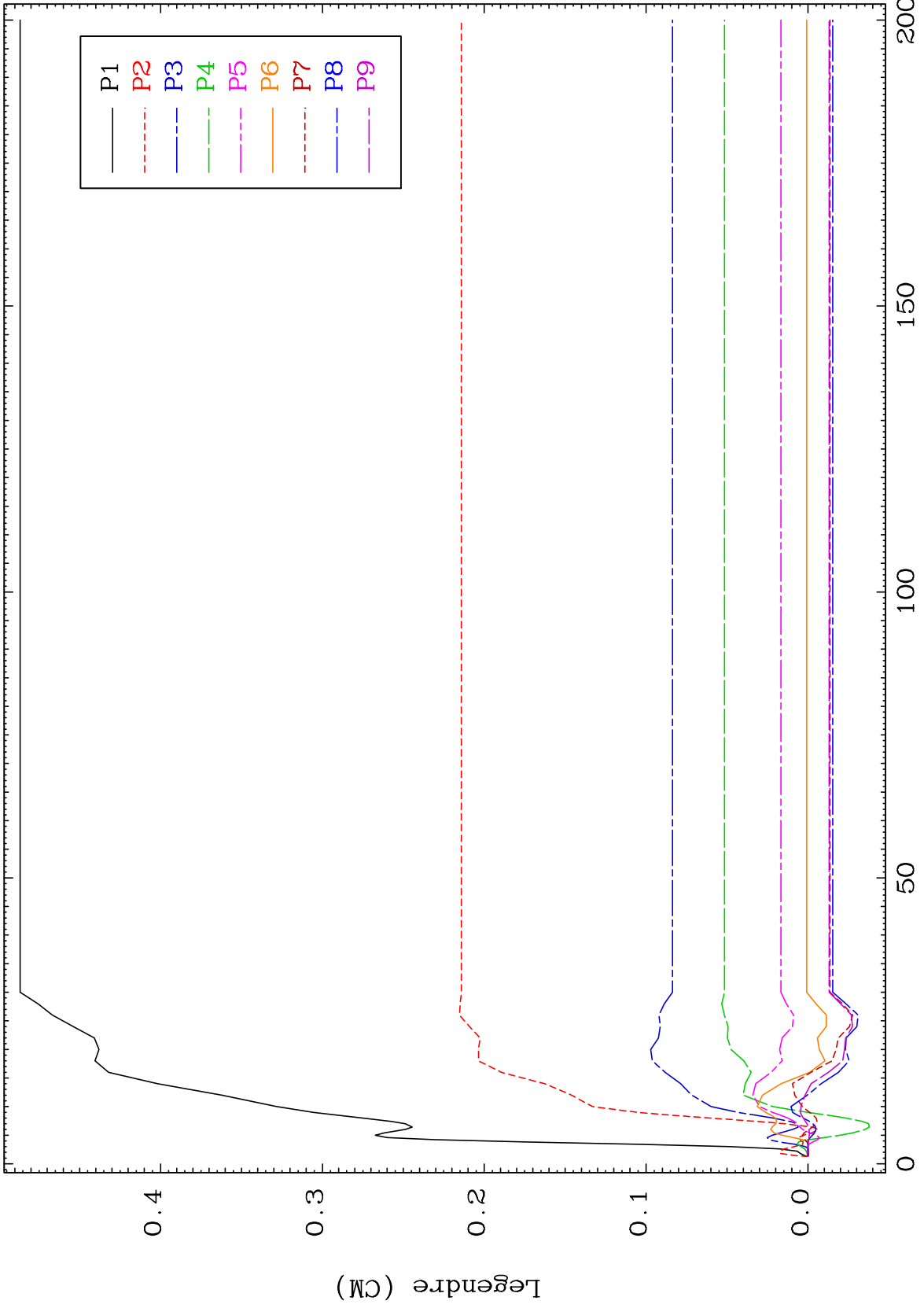
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



88

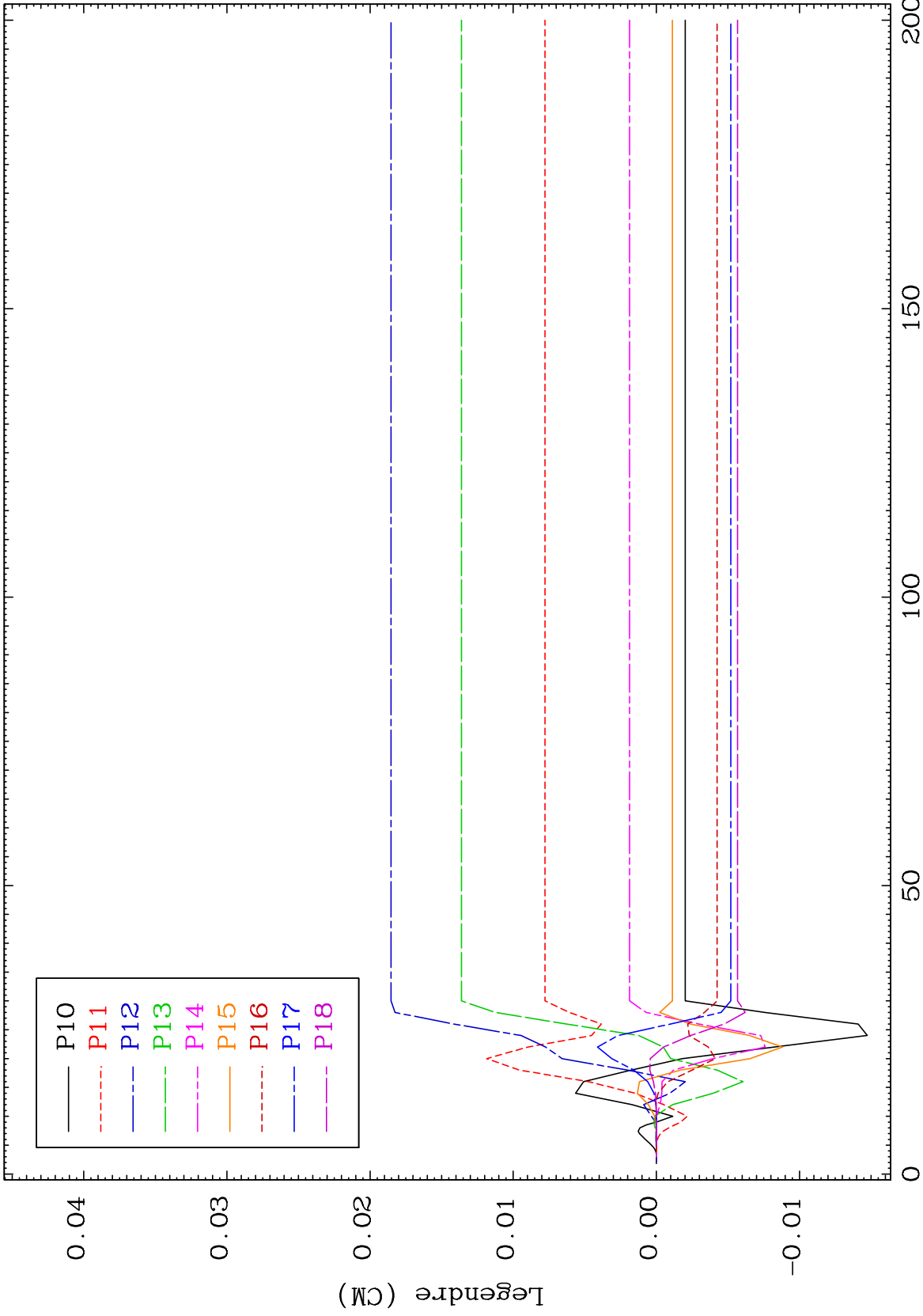
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



89

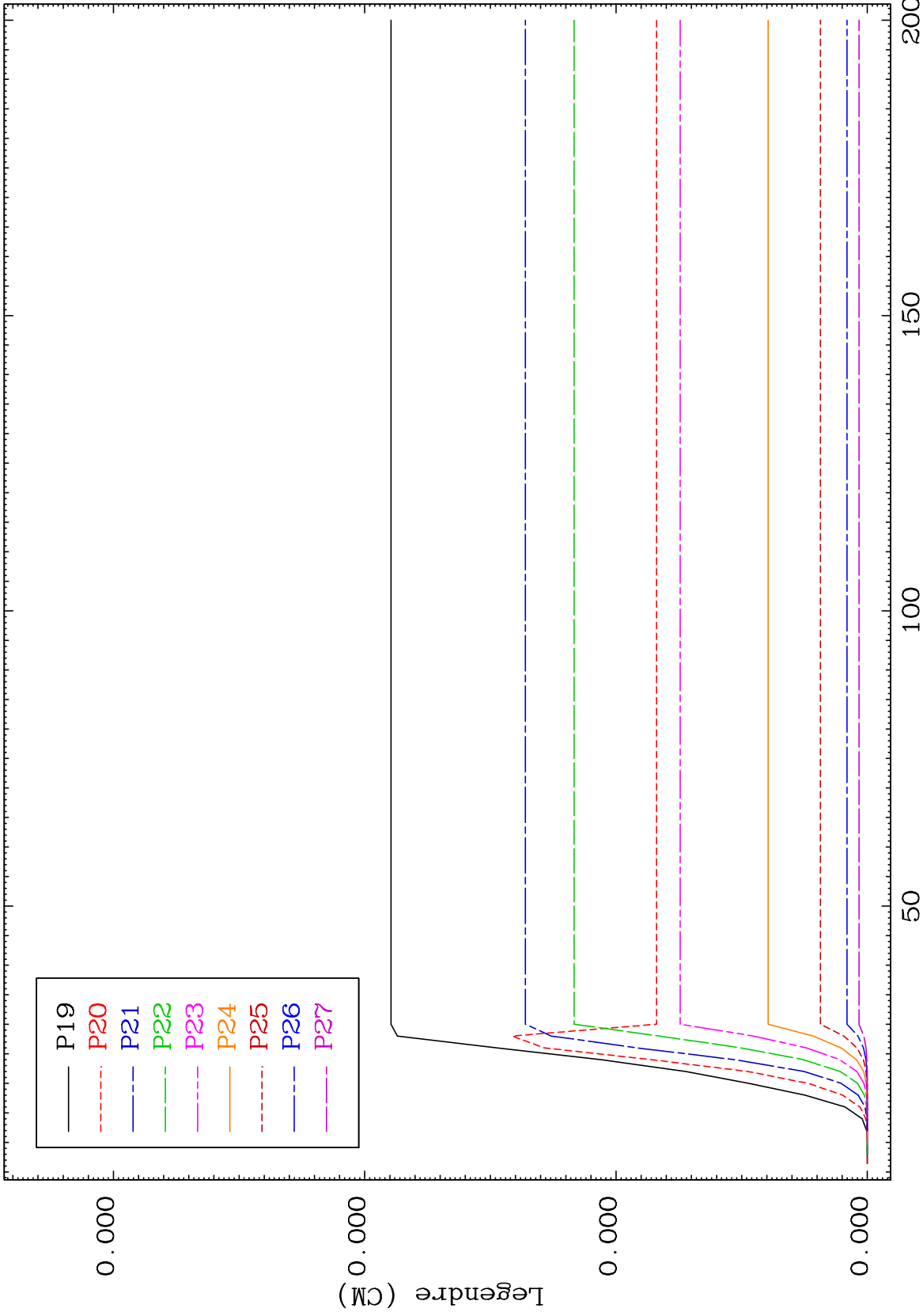
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



90

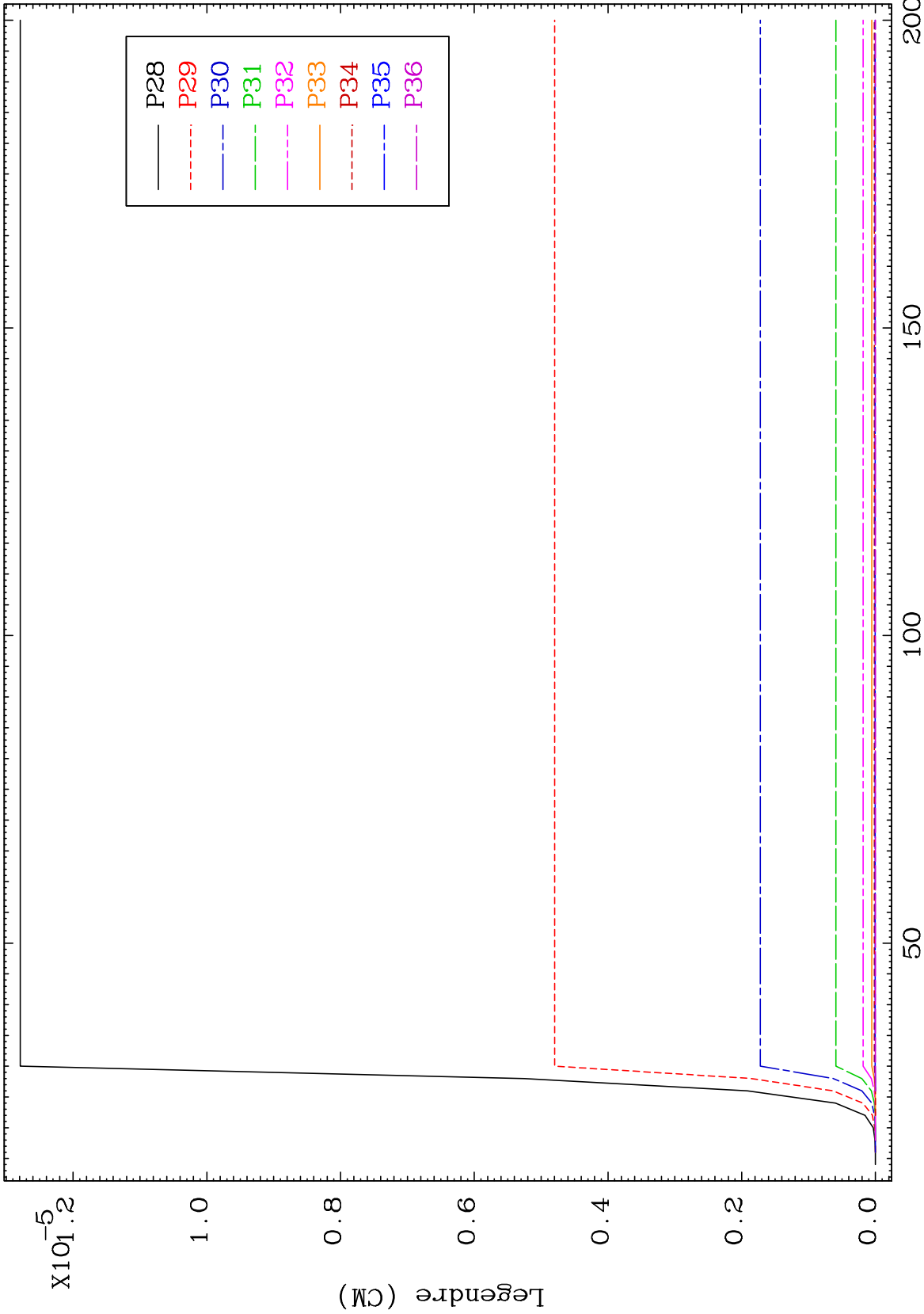
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



91

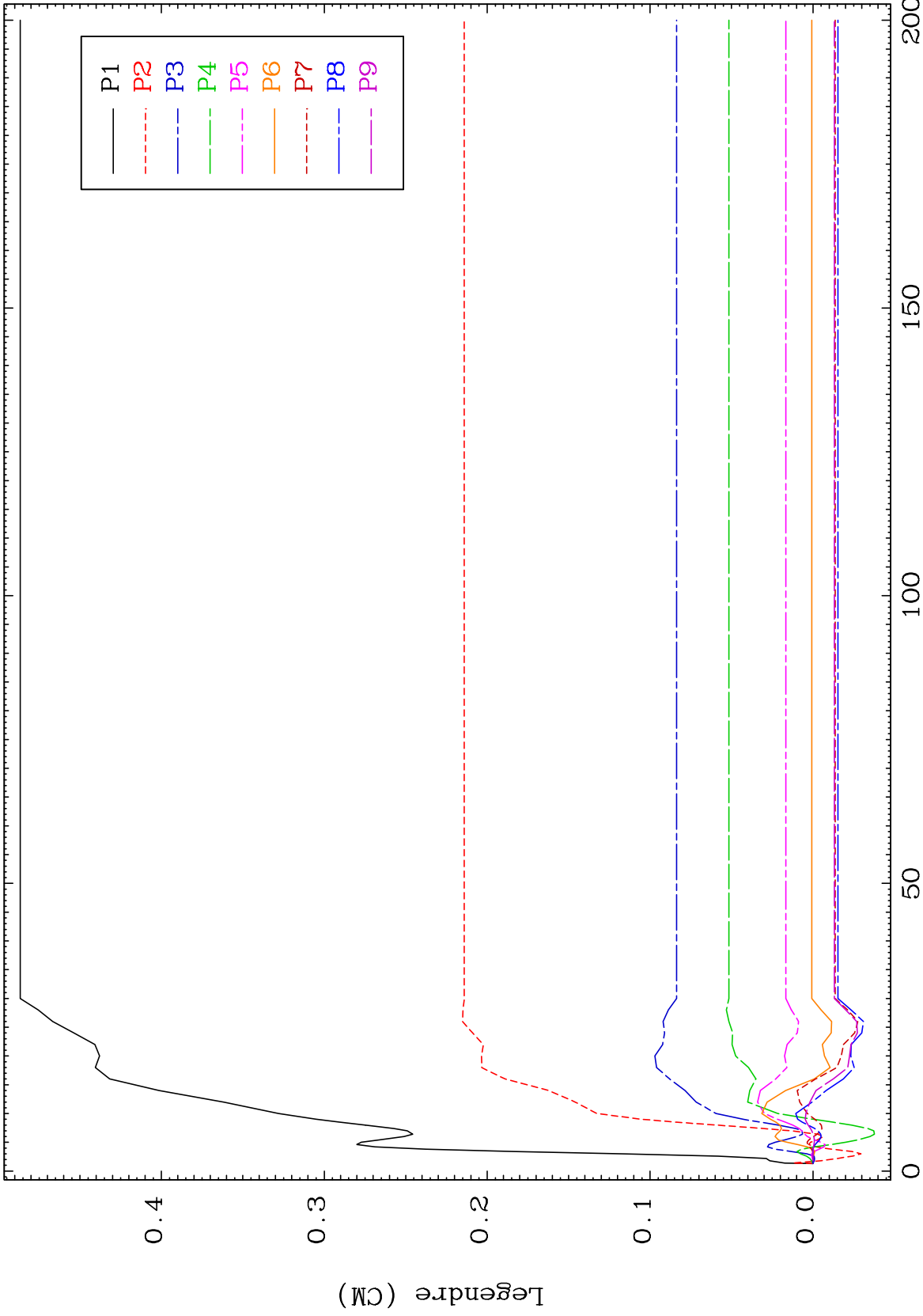
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



92

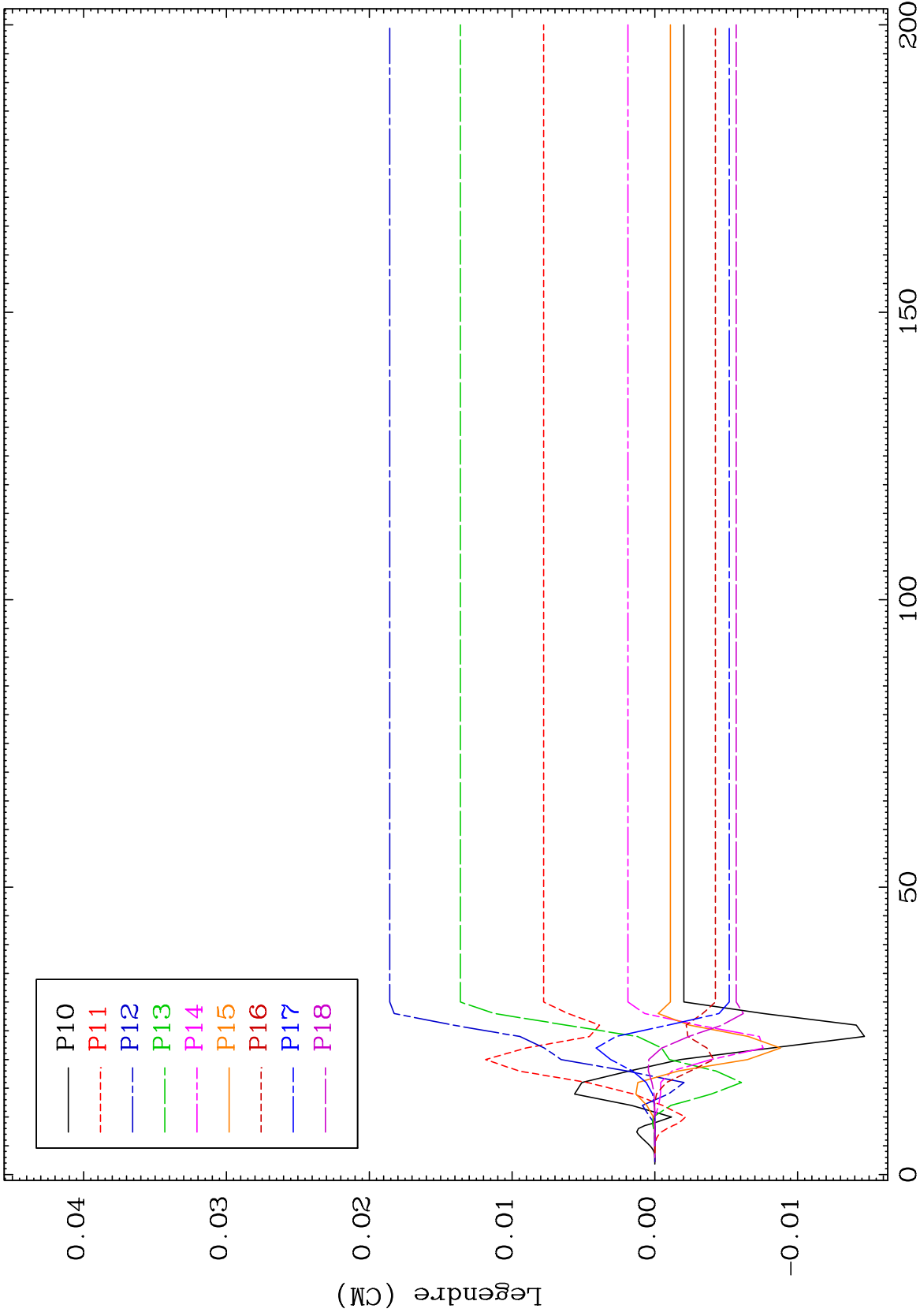
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

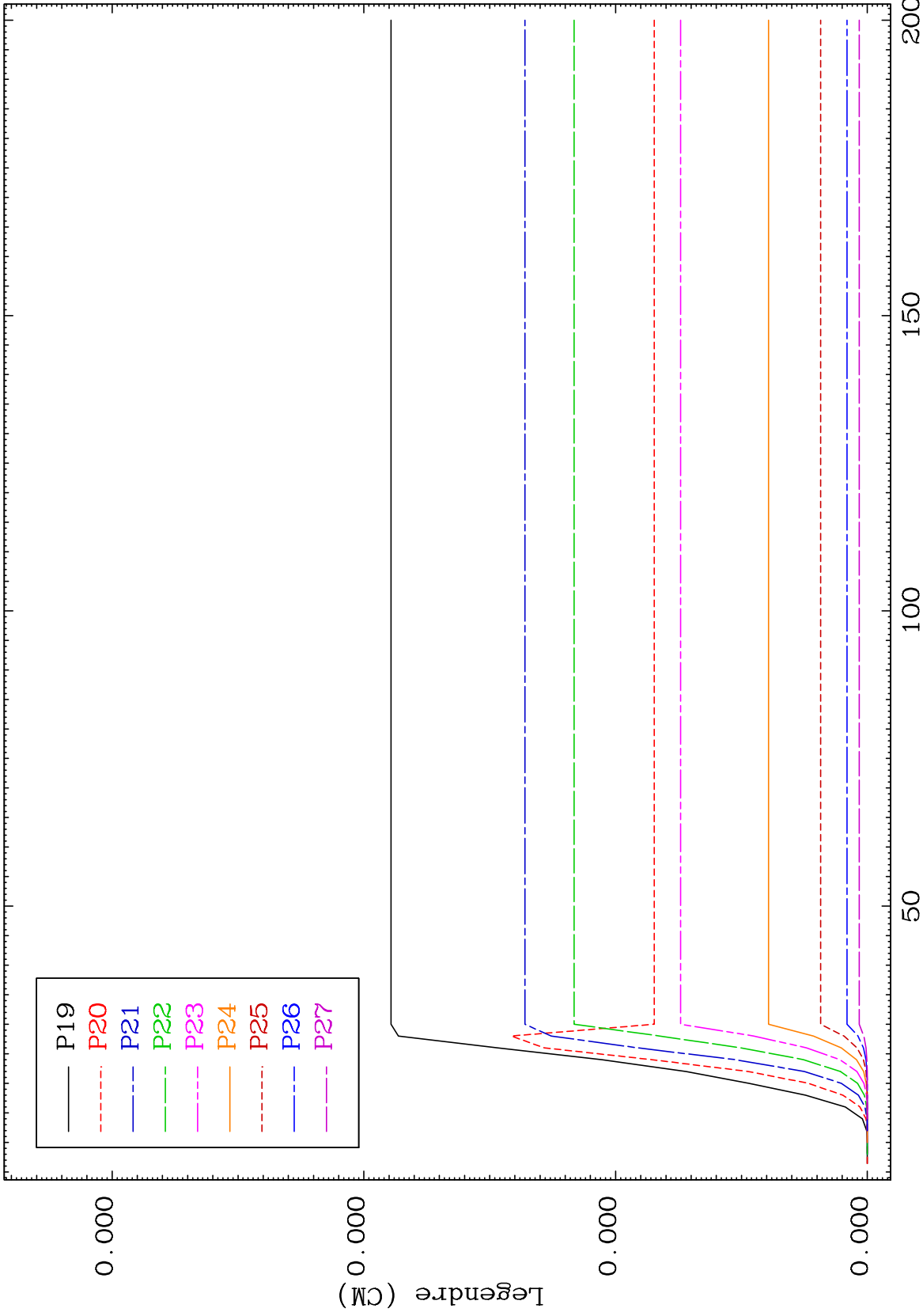
71-Lu-179



93

Incident Energy (MeV)

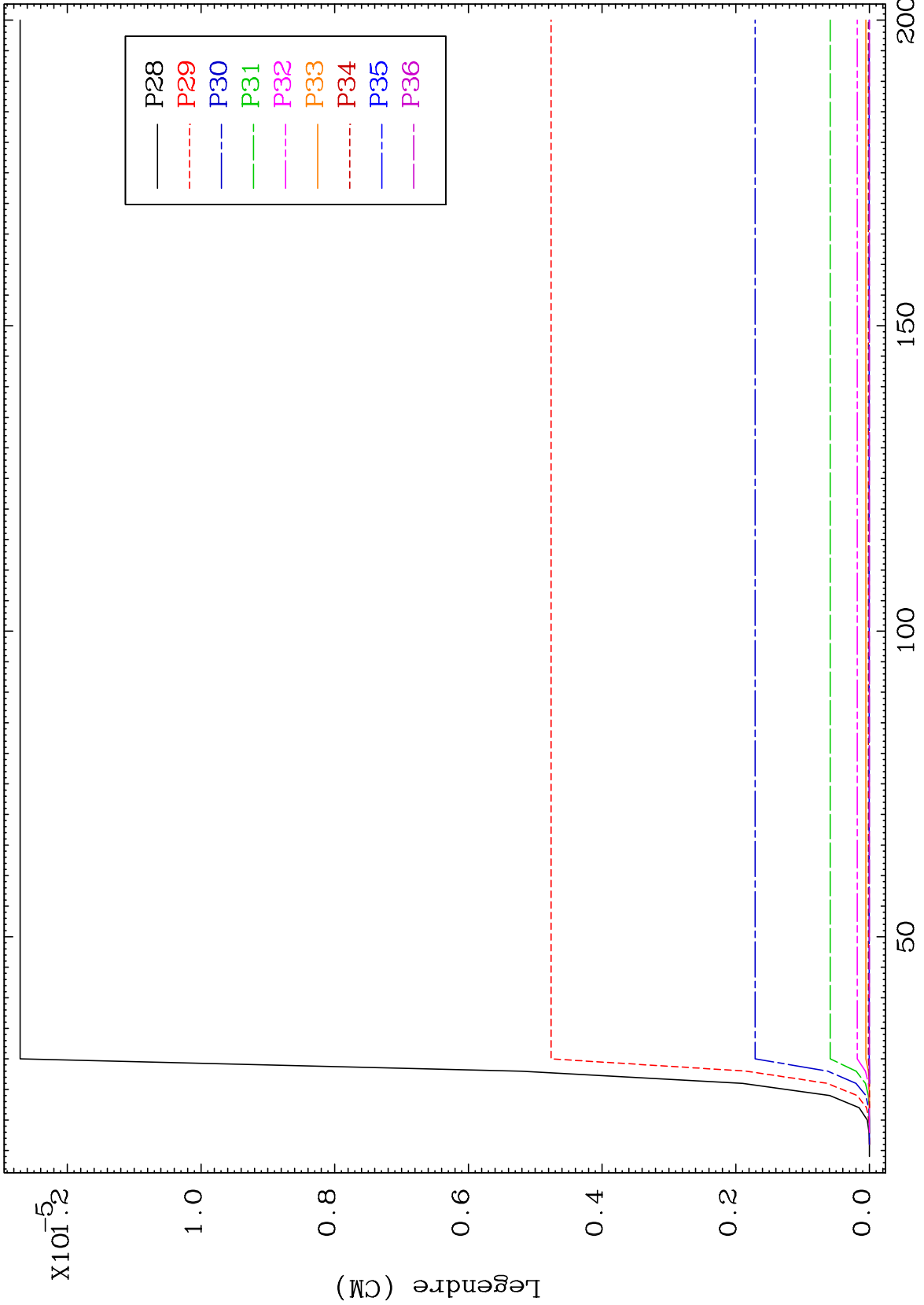
71-Lu-179



MAT 7137

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

71-Lu-179



95

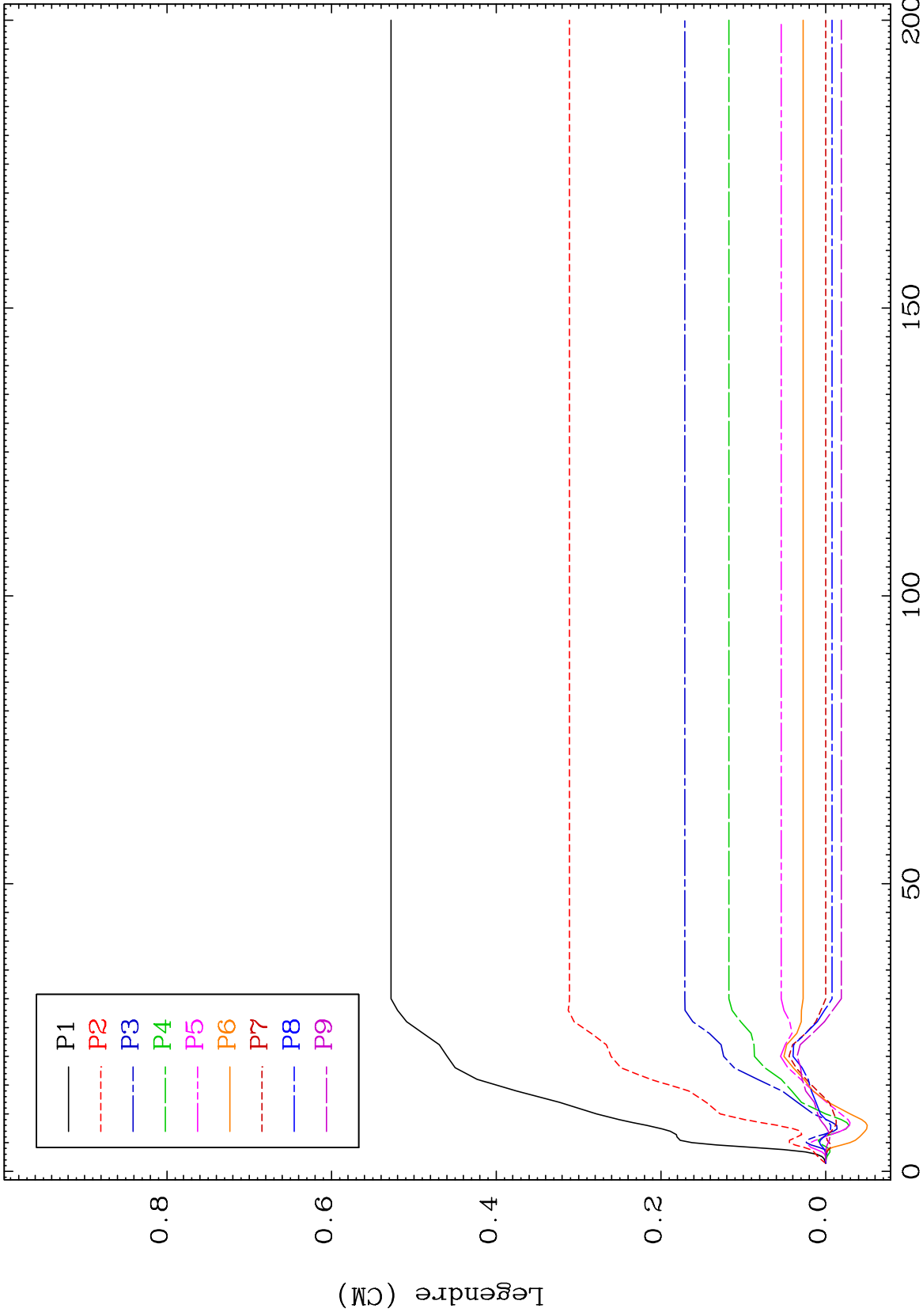
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



96

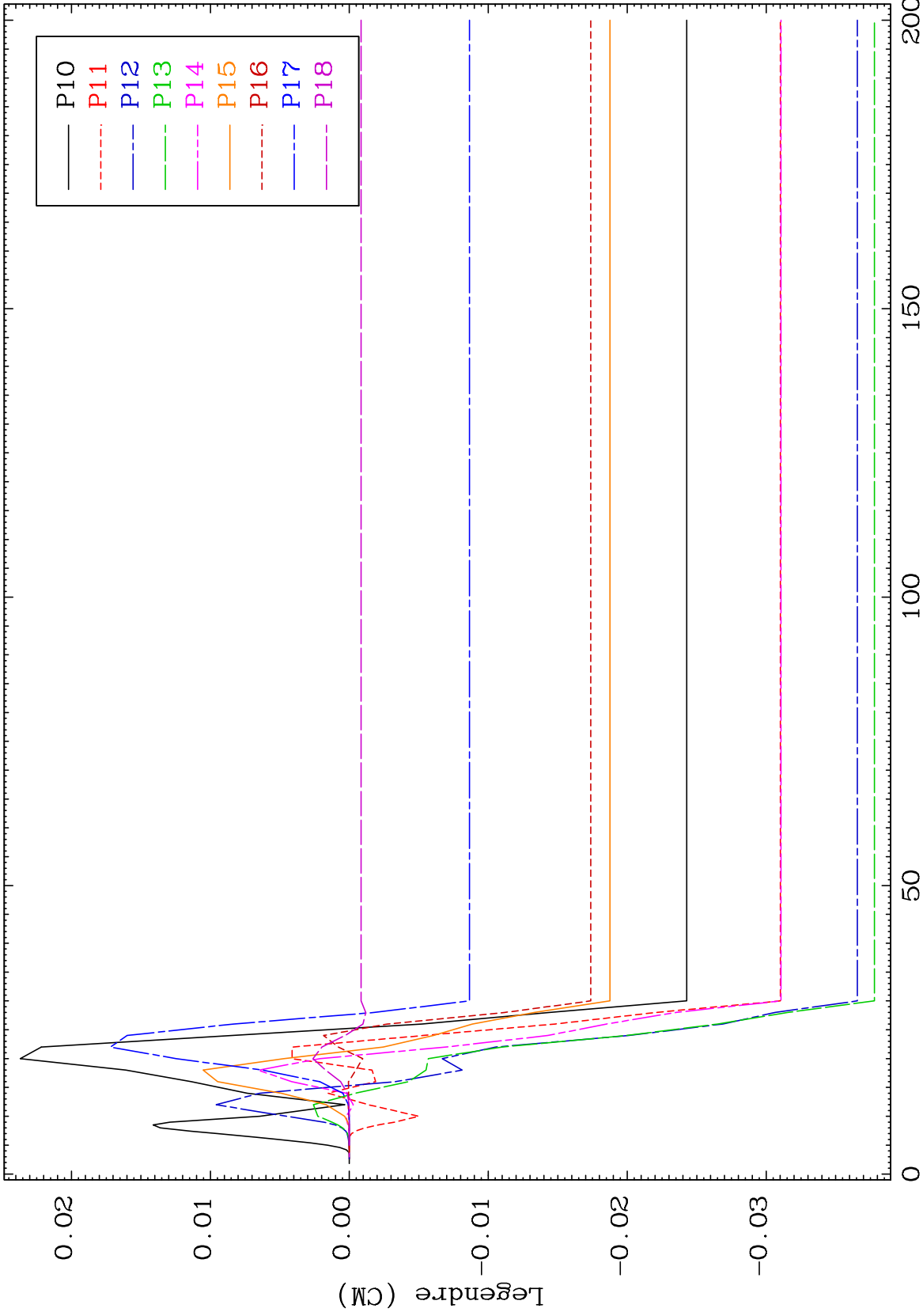
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



97

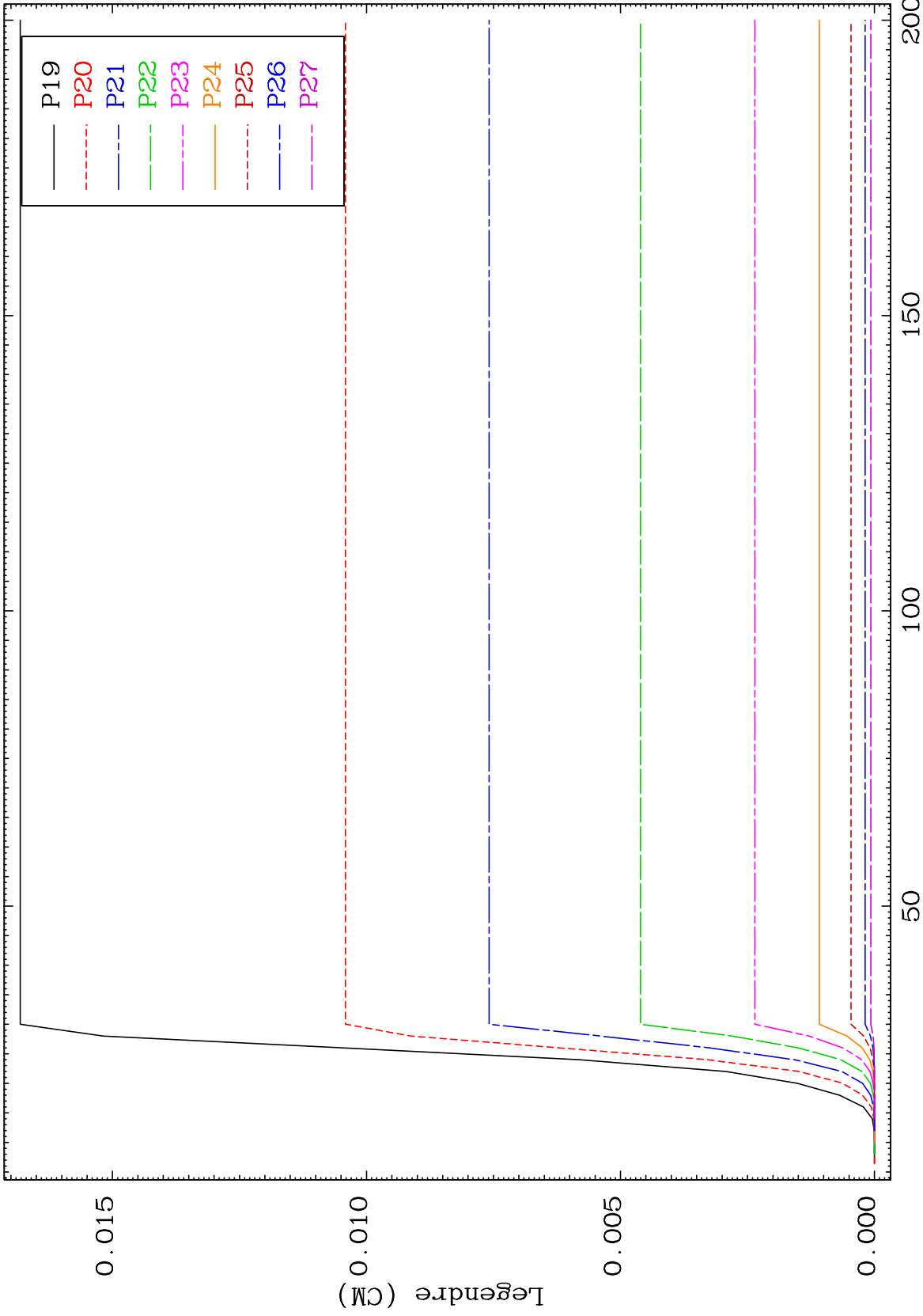
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



98

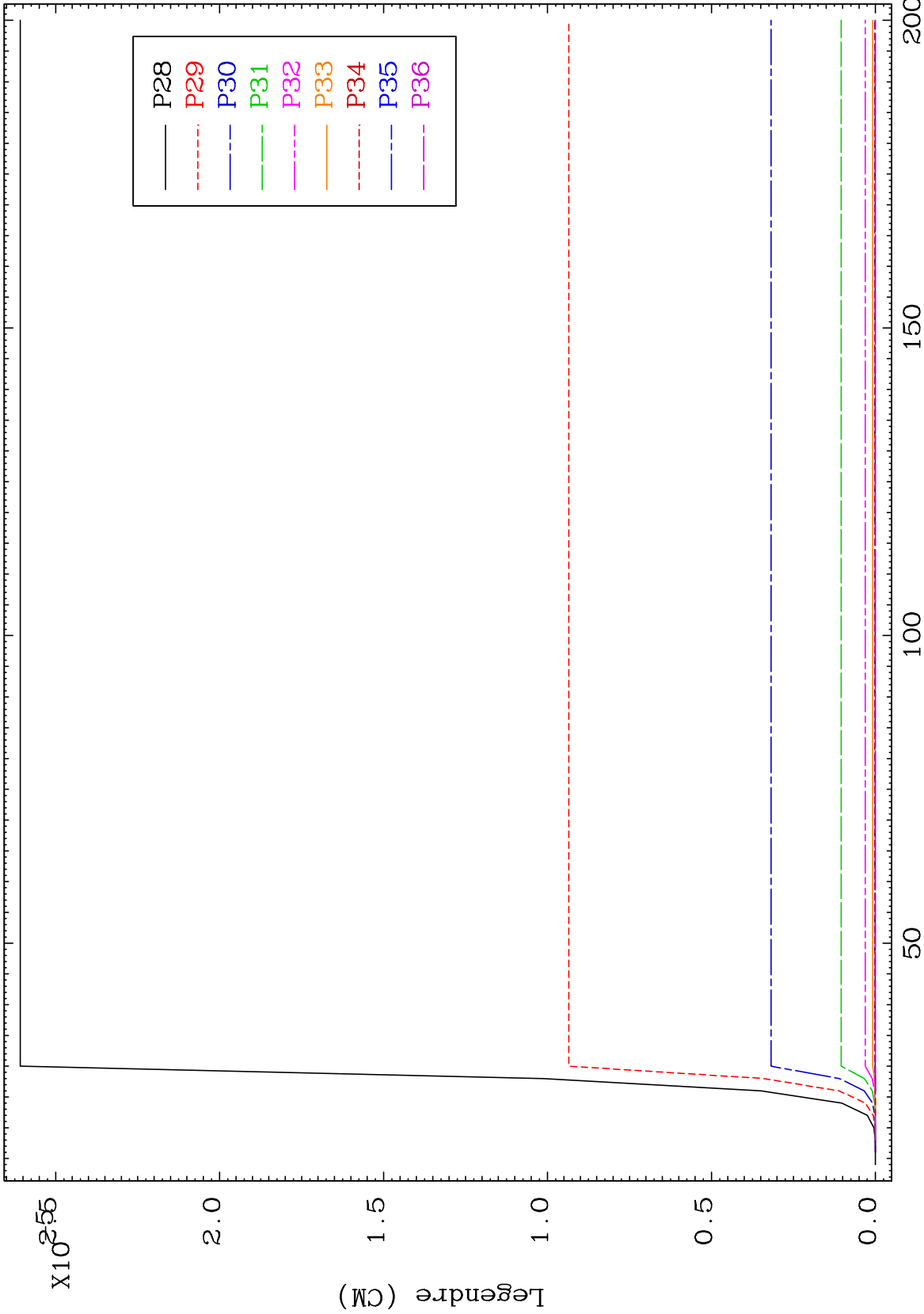
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



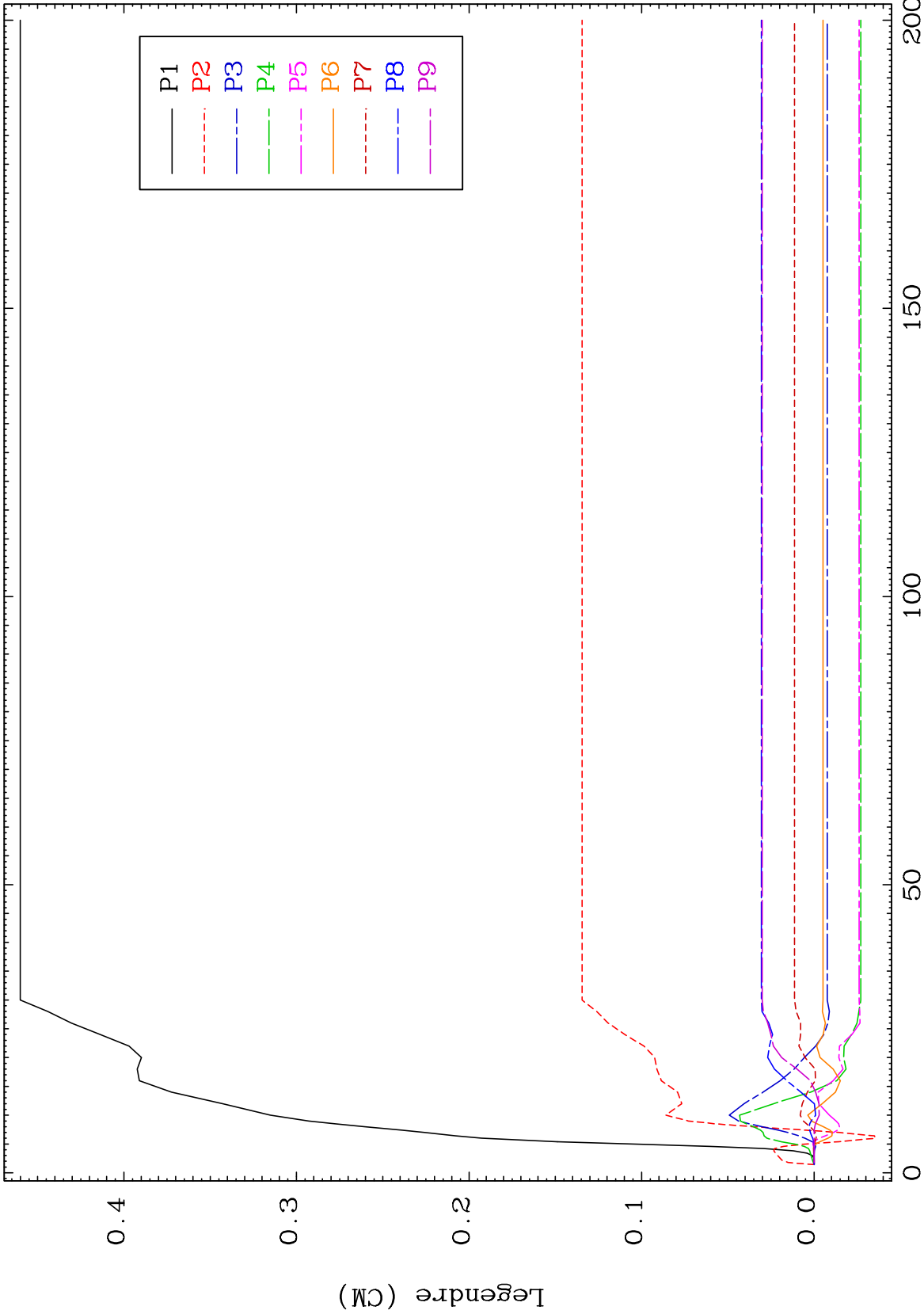
99

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

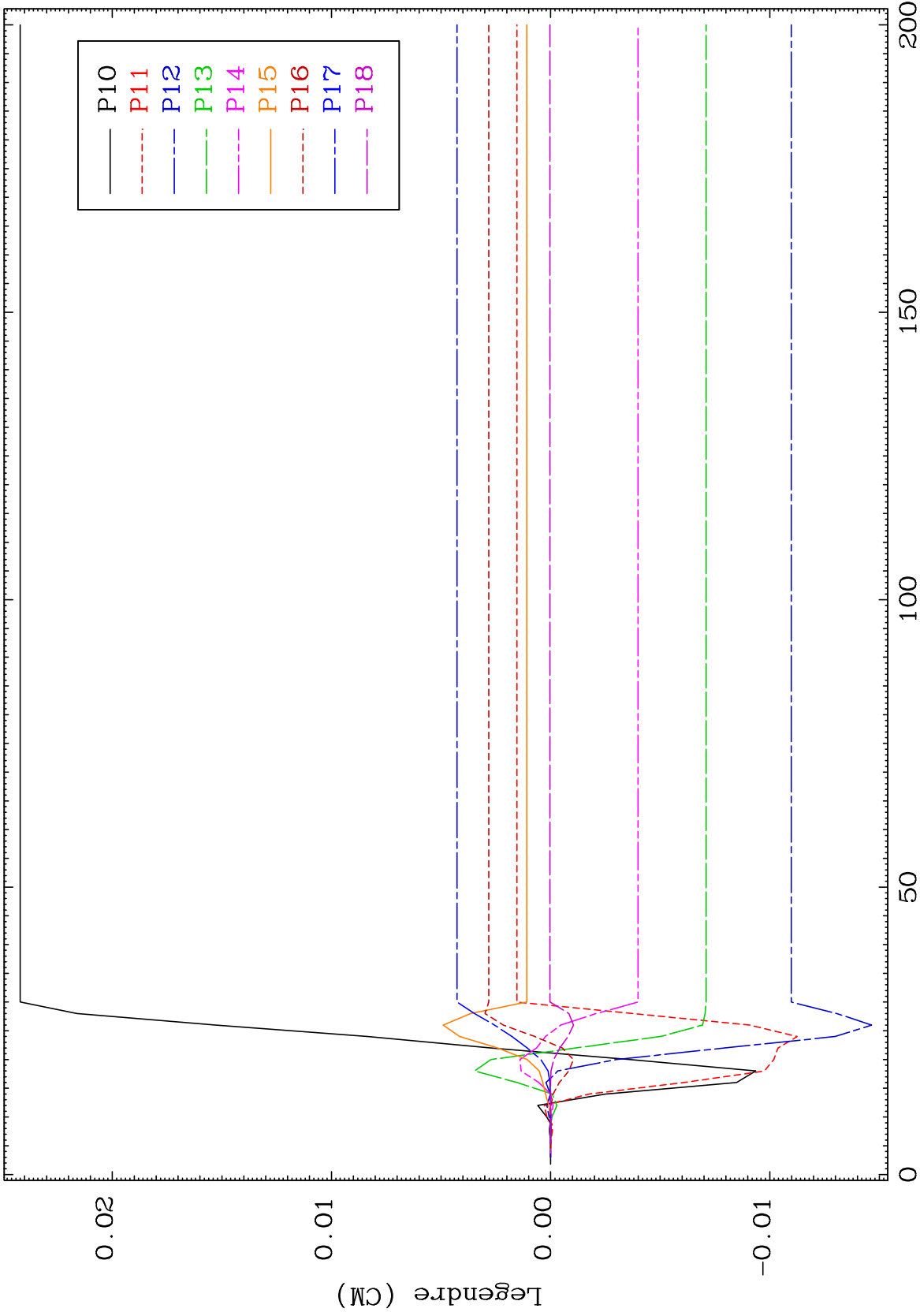
Incident Energy (MeV)

100

MAT 7137

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

71-Lu-179



101

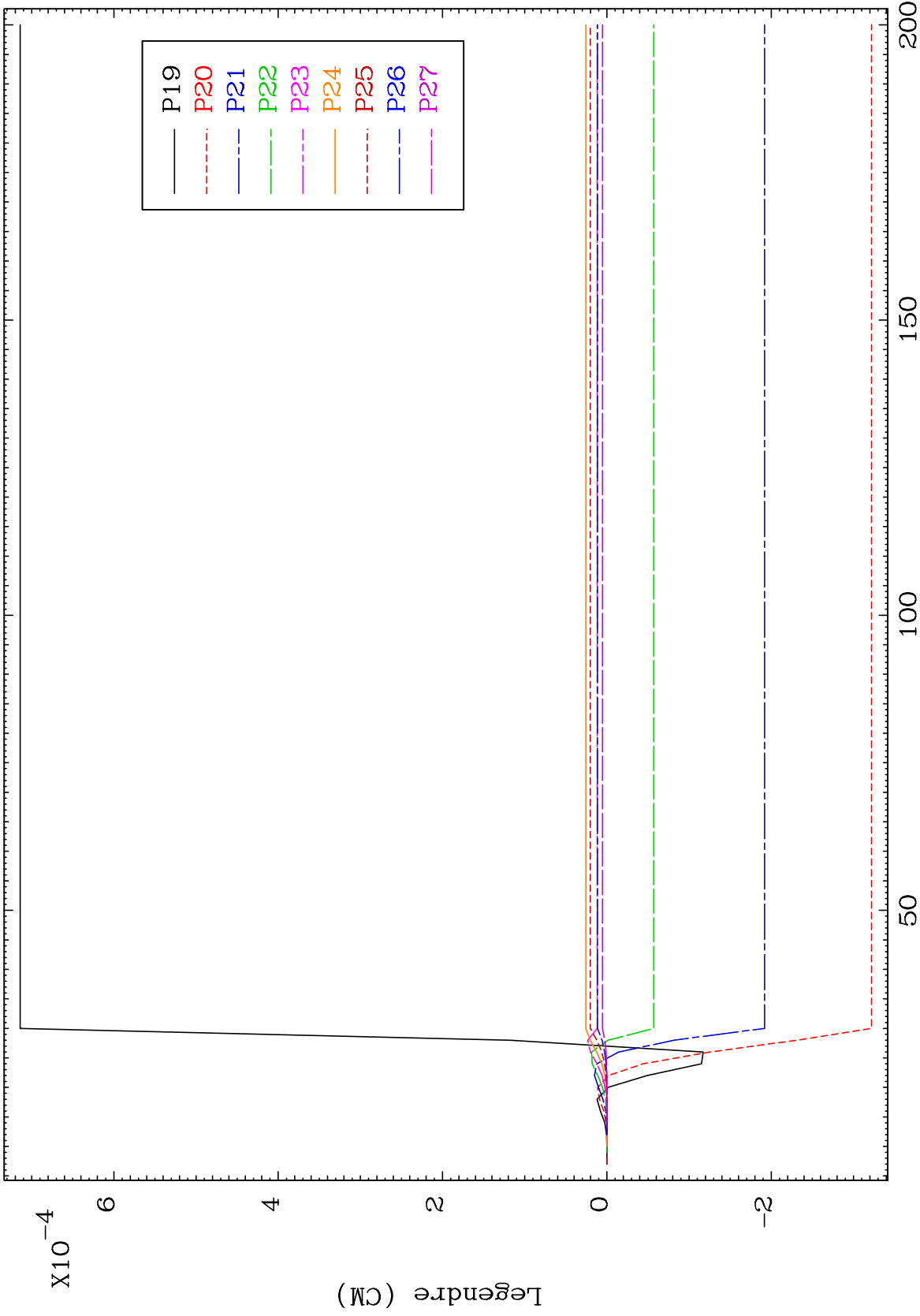
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



102

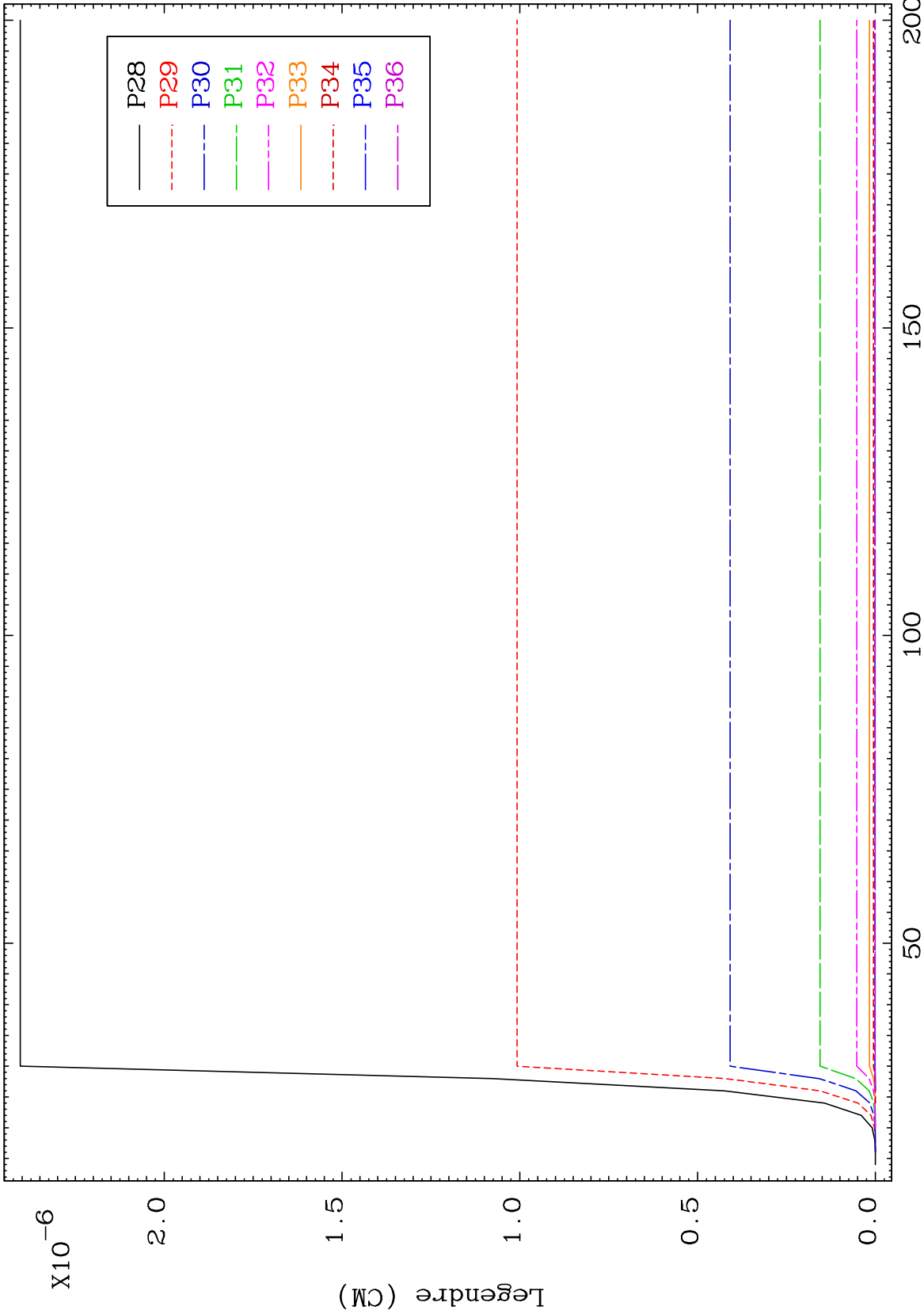
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



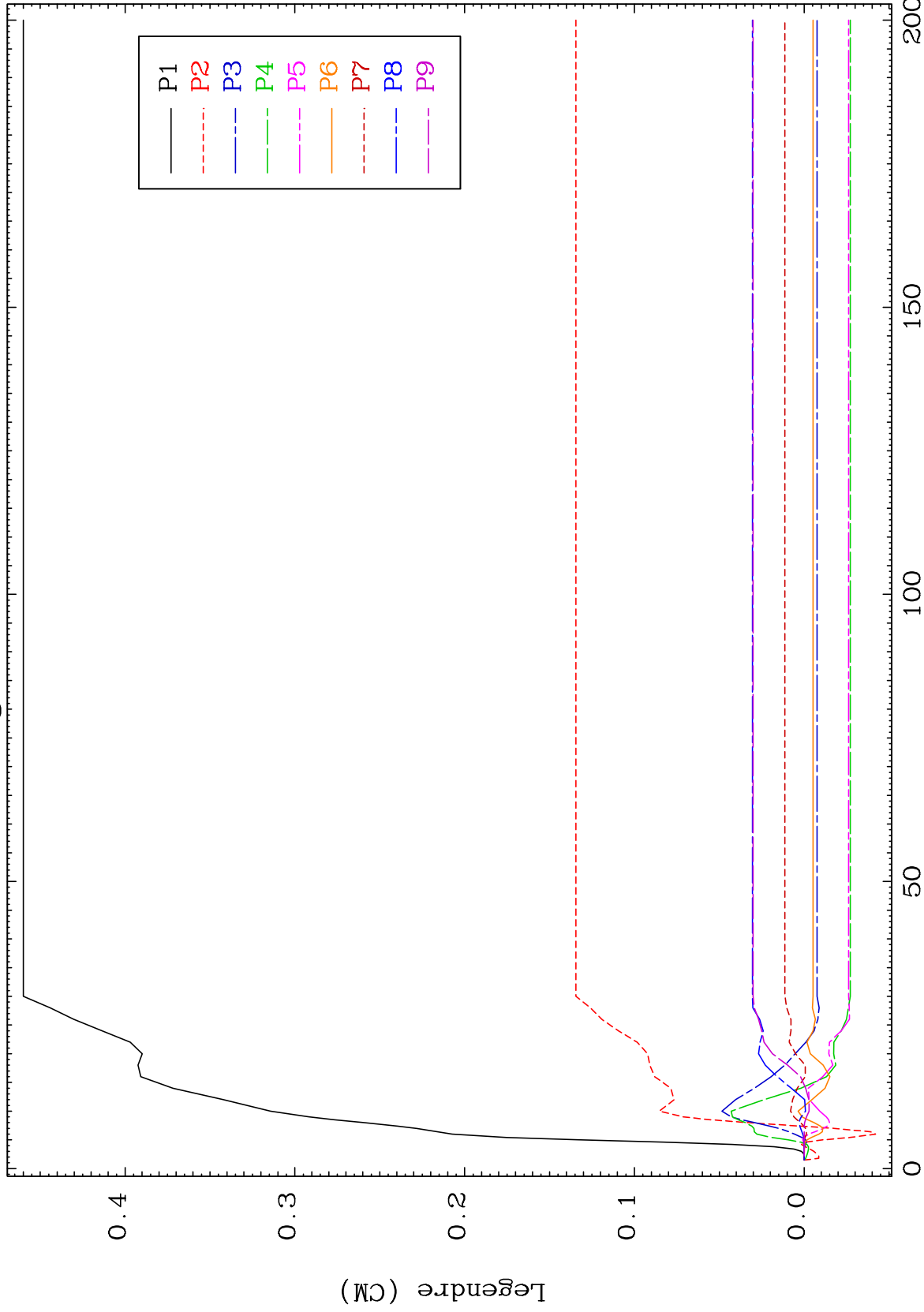
103

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

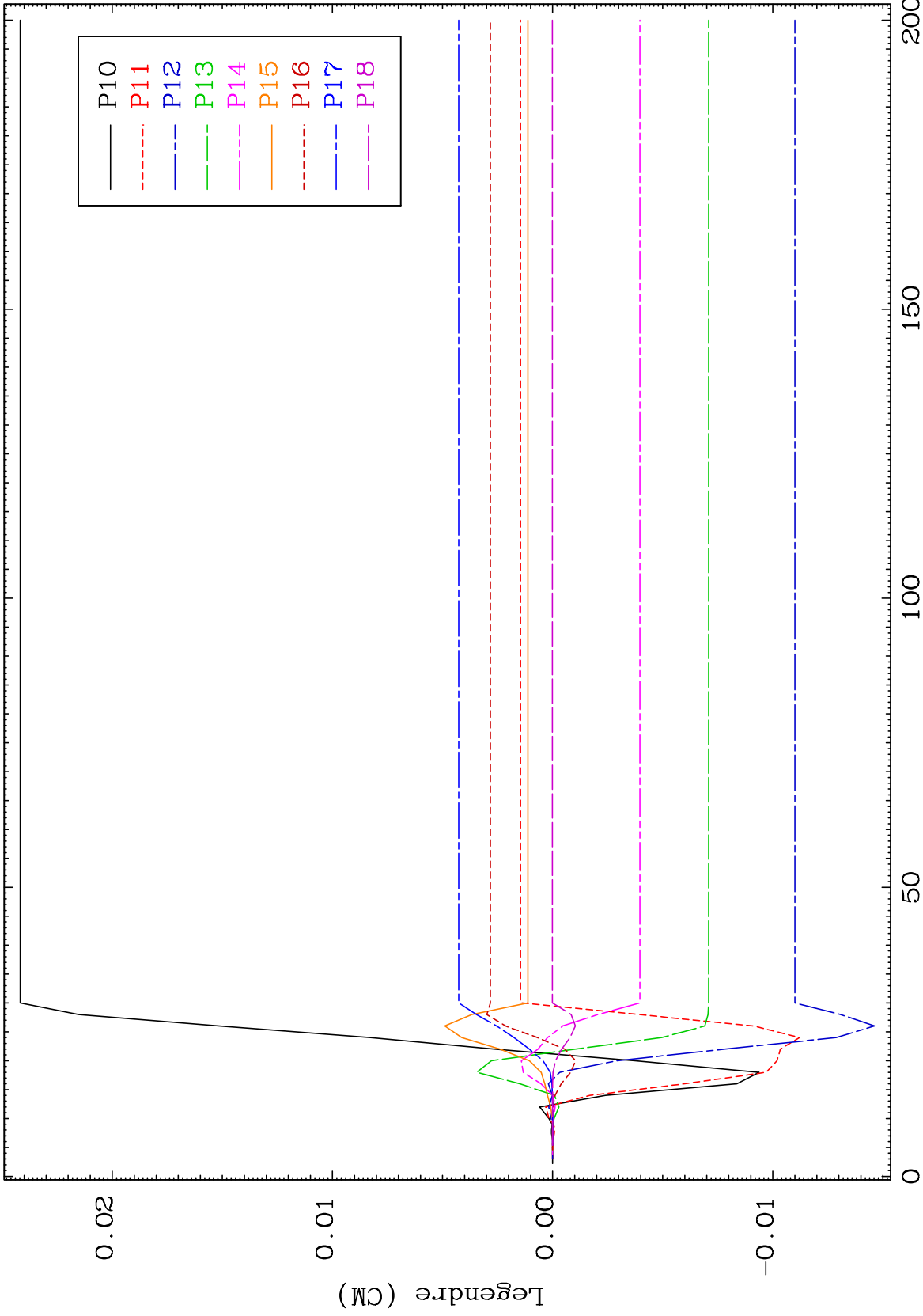
Incident Energy (MeV)

104

MAT 7137

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

71-Lu-179



105

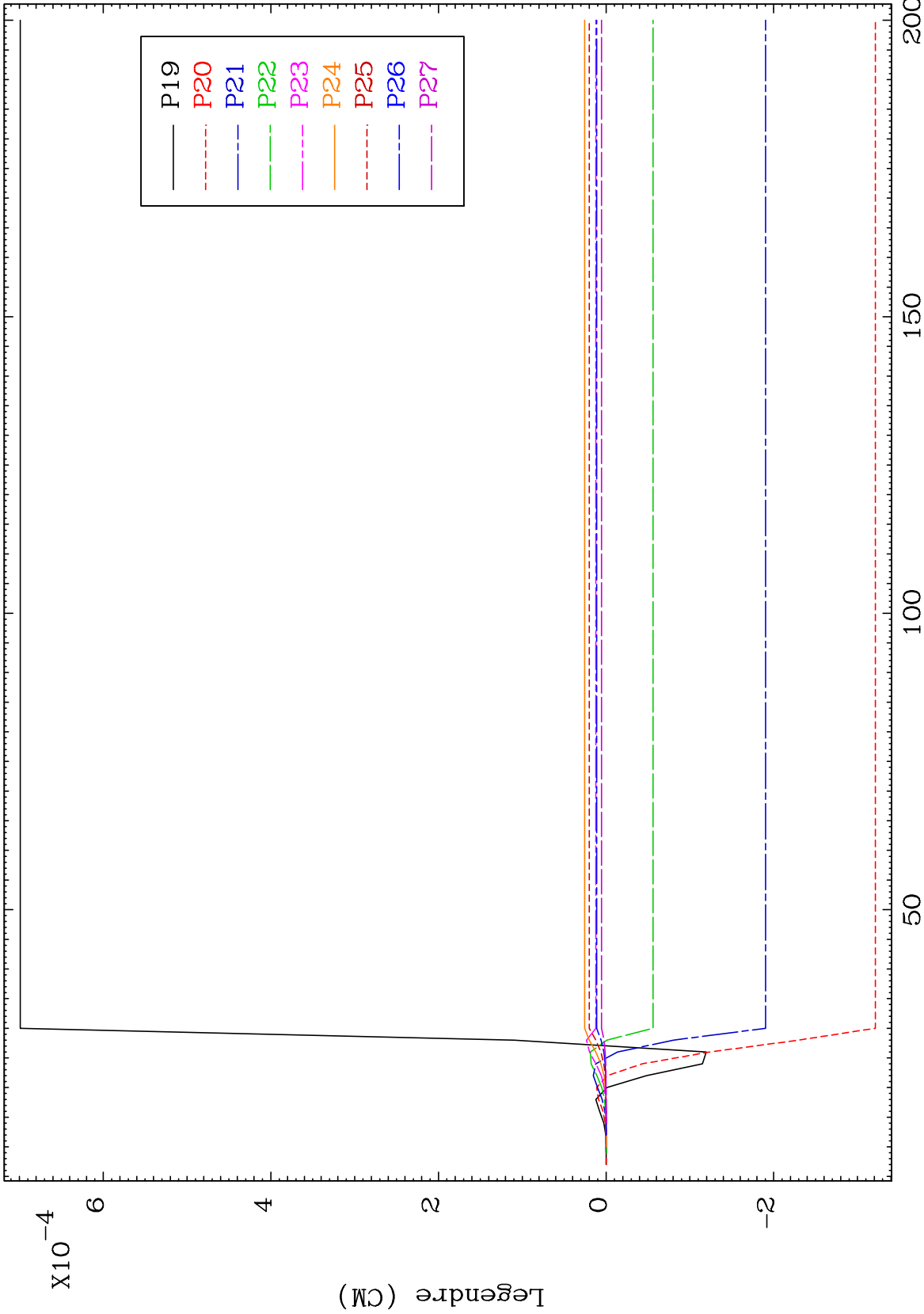
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



106

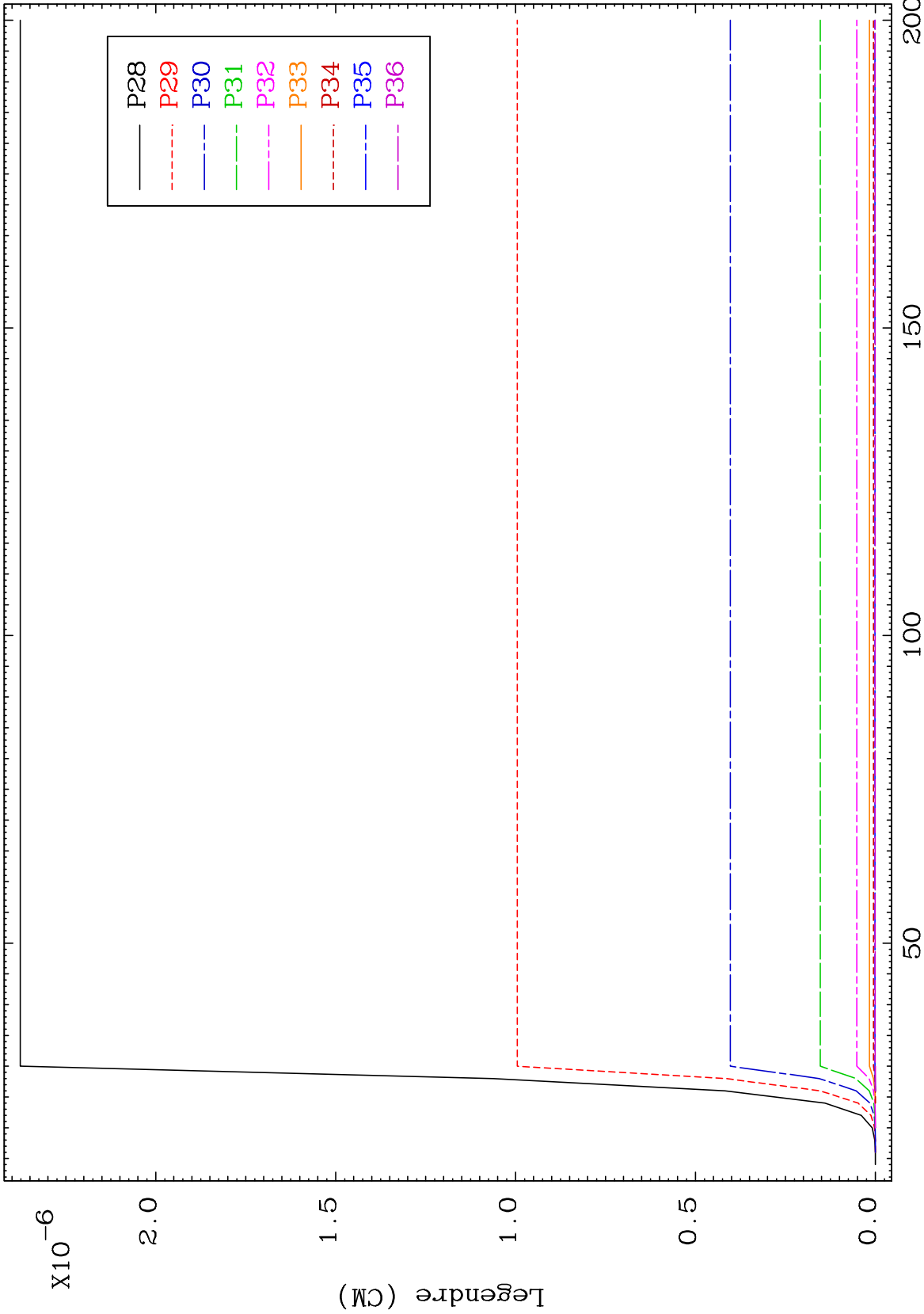
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



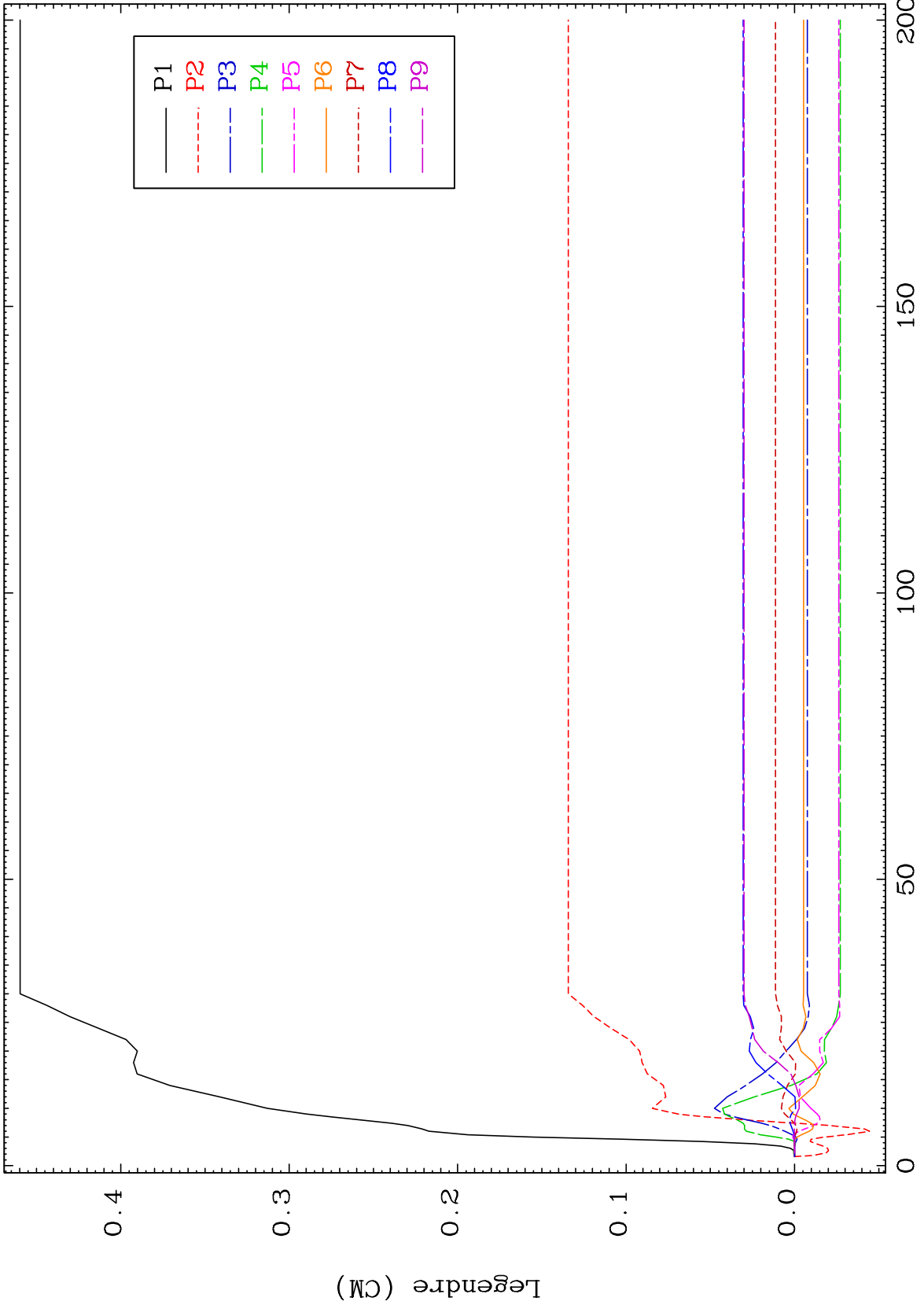
107

71-Lu-179

MAT 7137

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

71-Lu-179



108

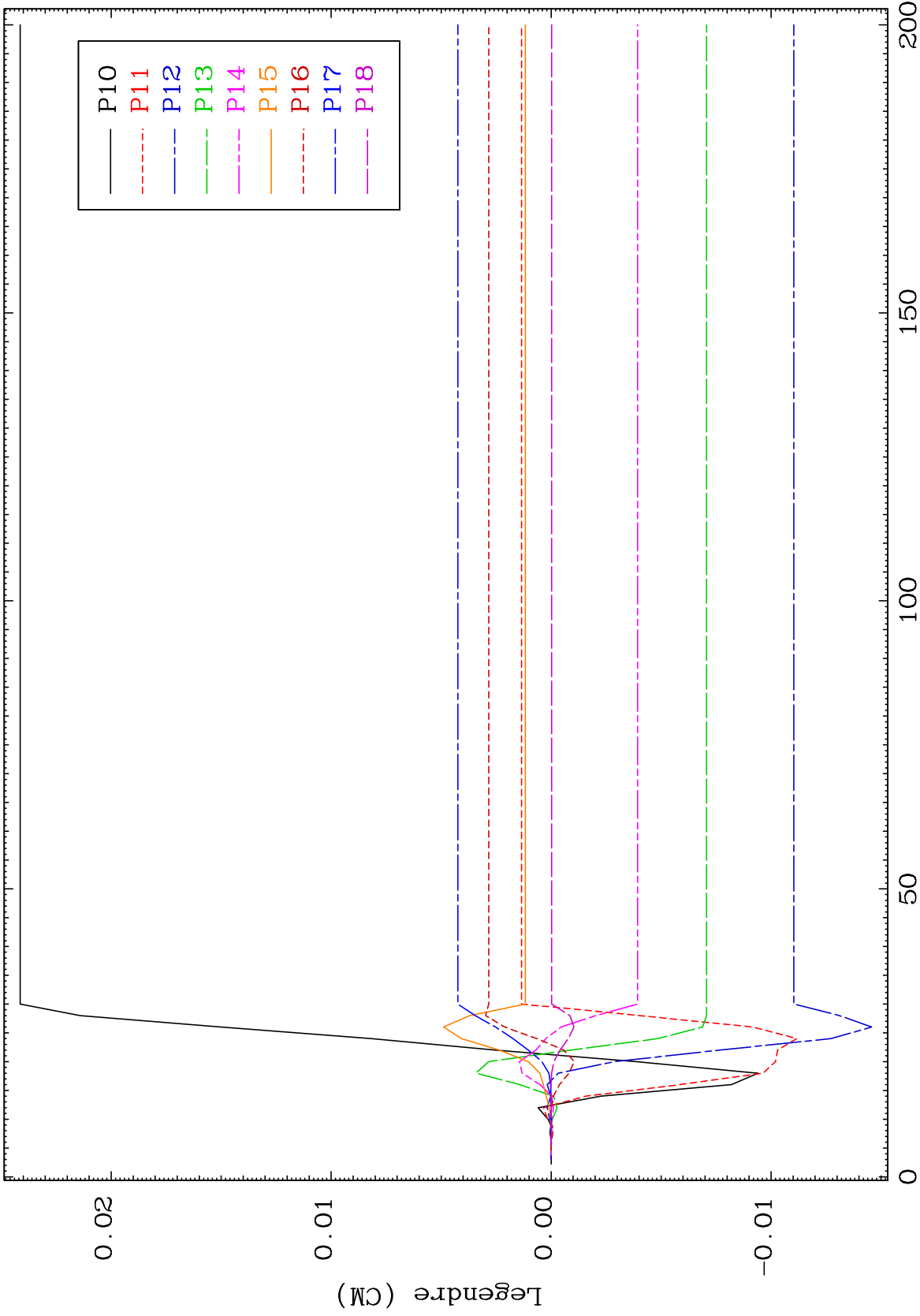
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



109

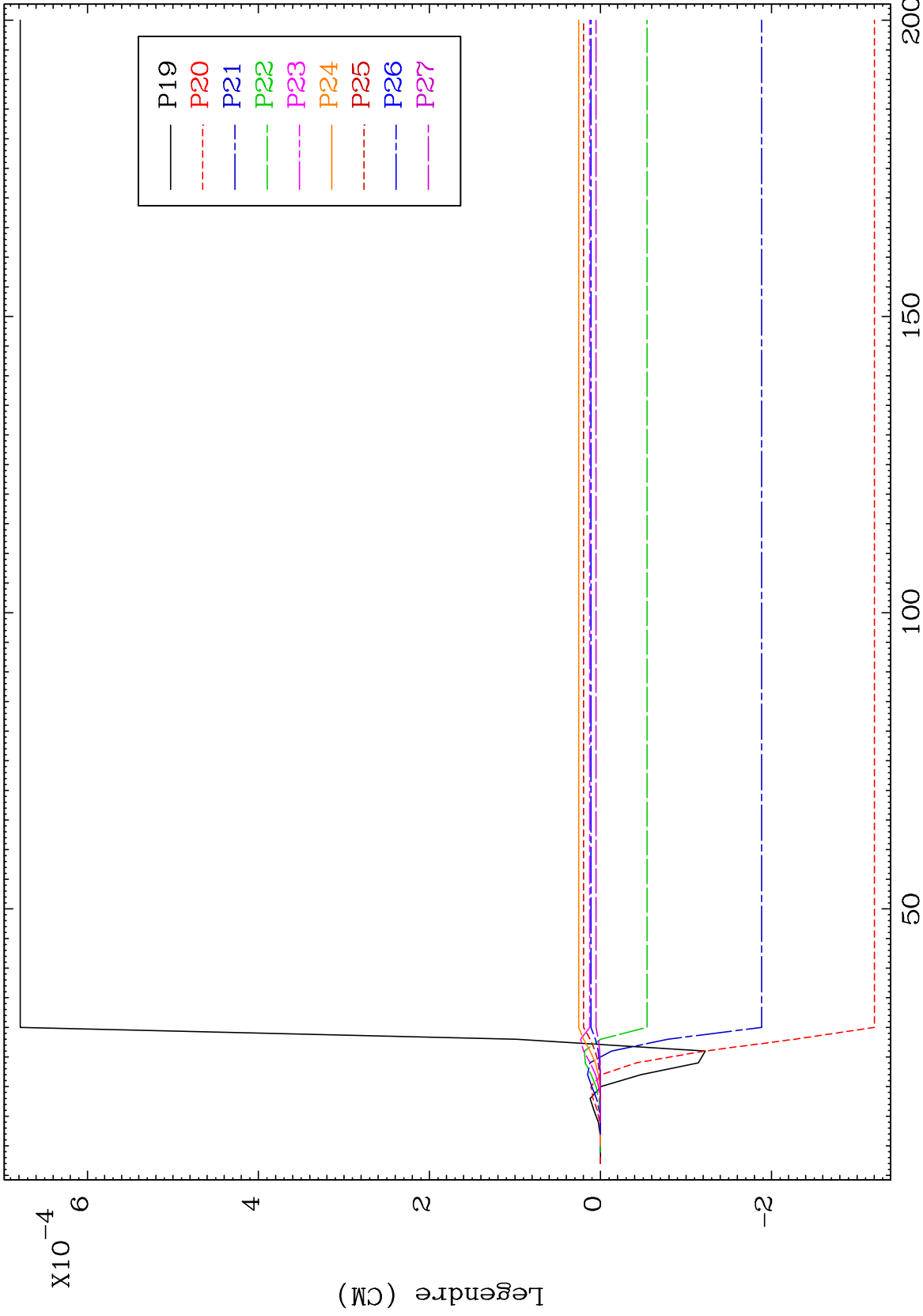
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



110

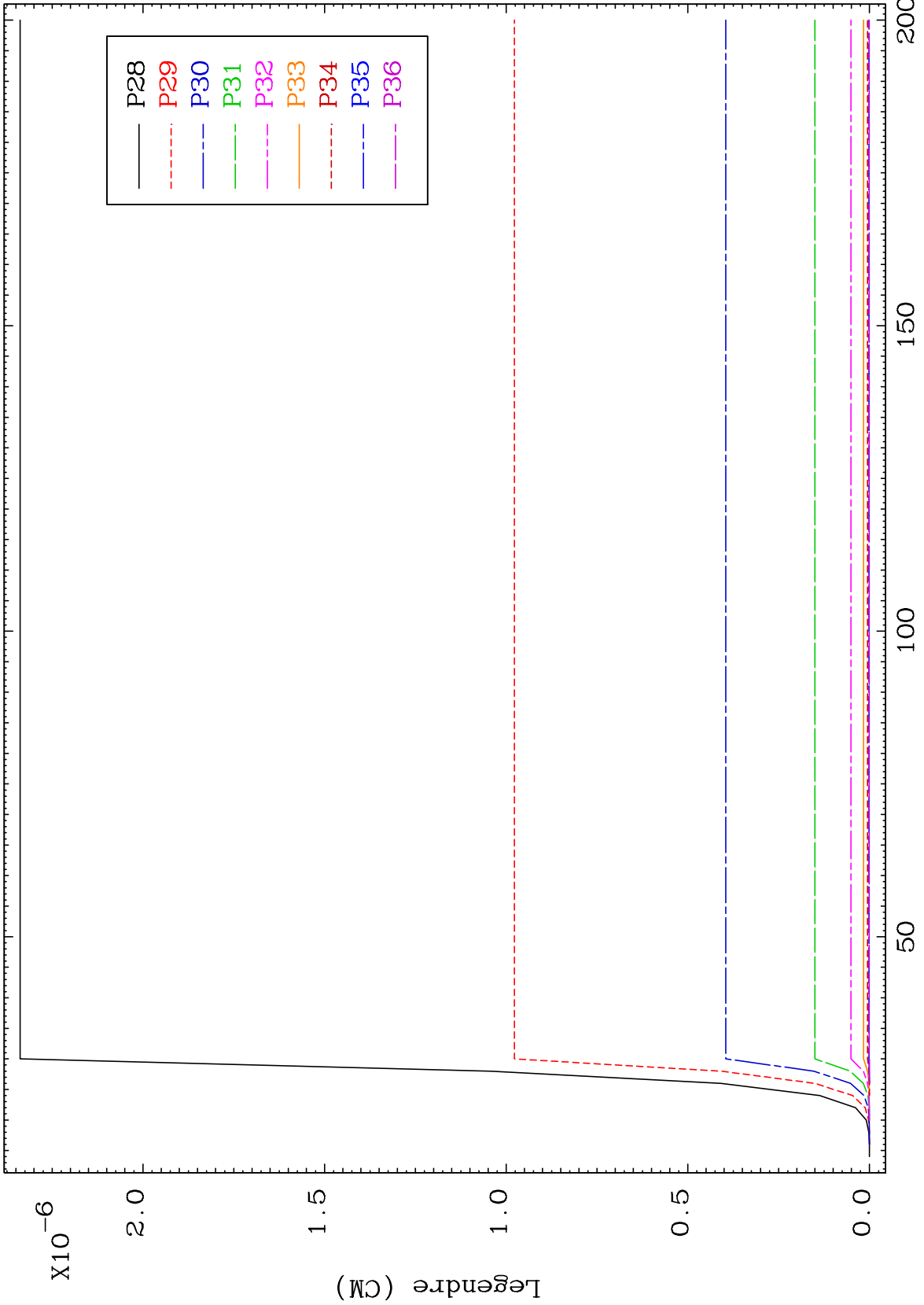
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



111

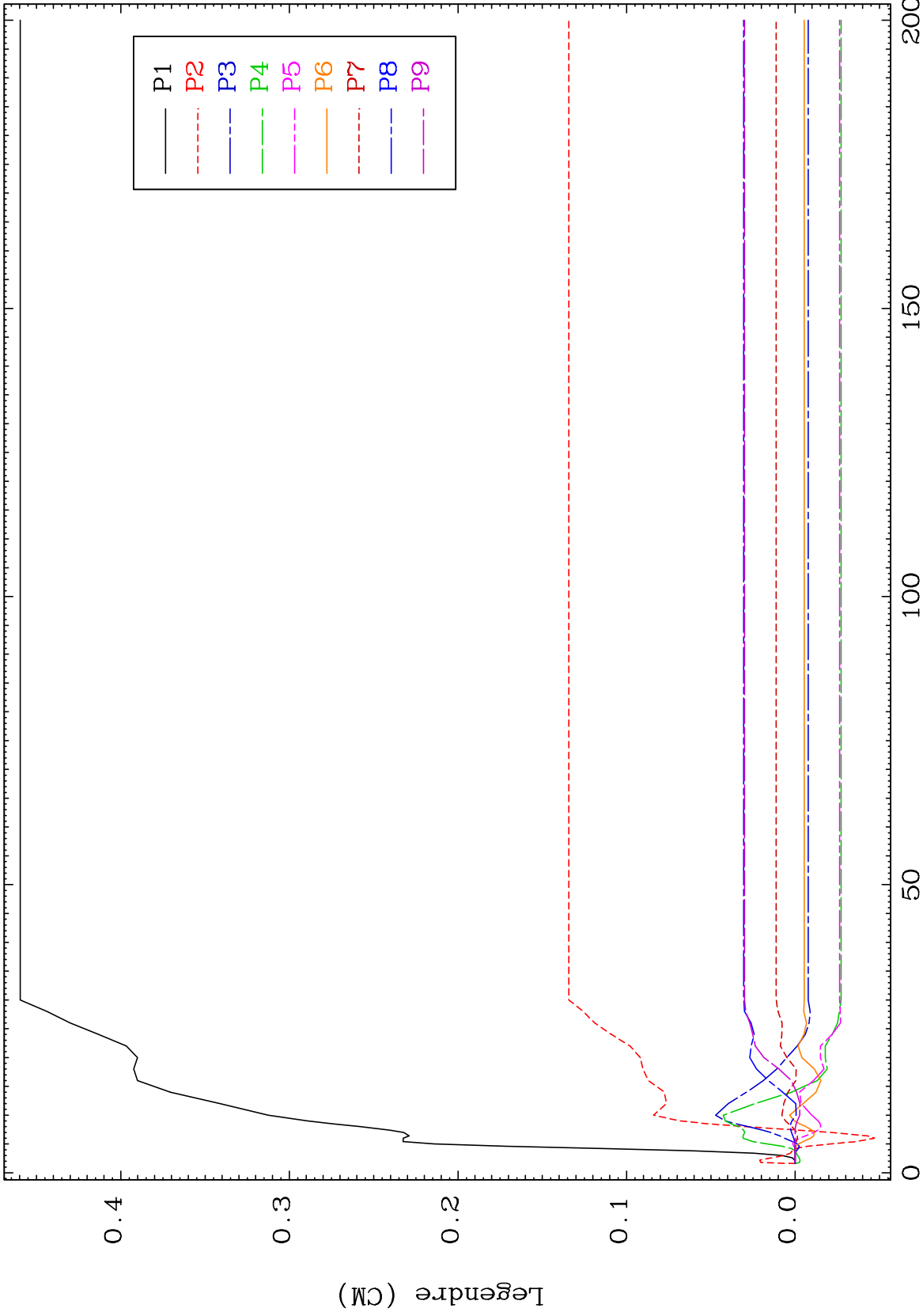
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



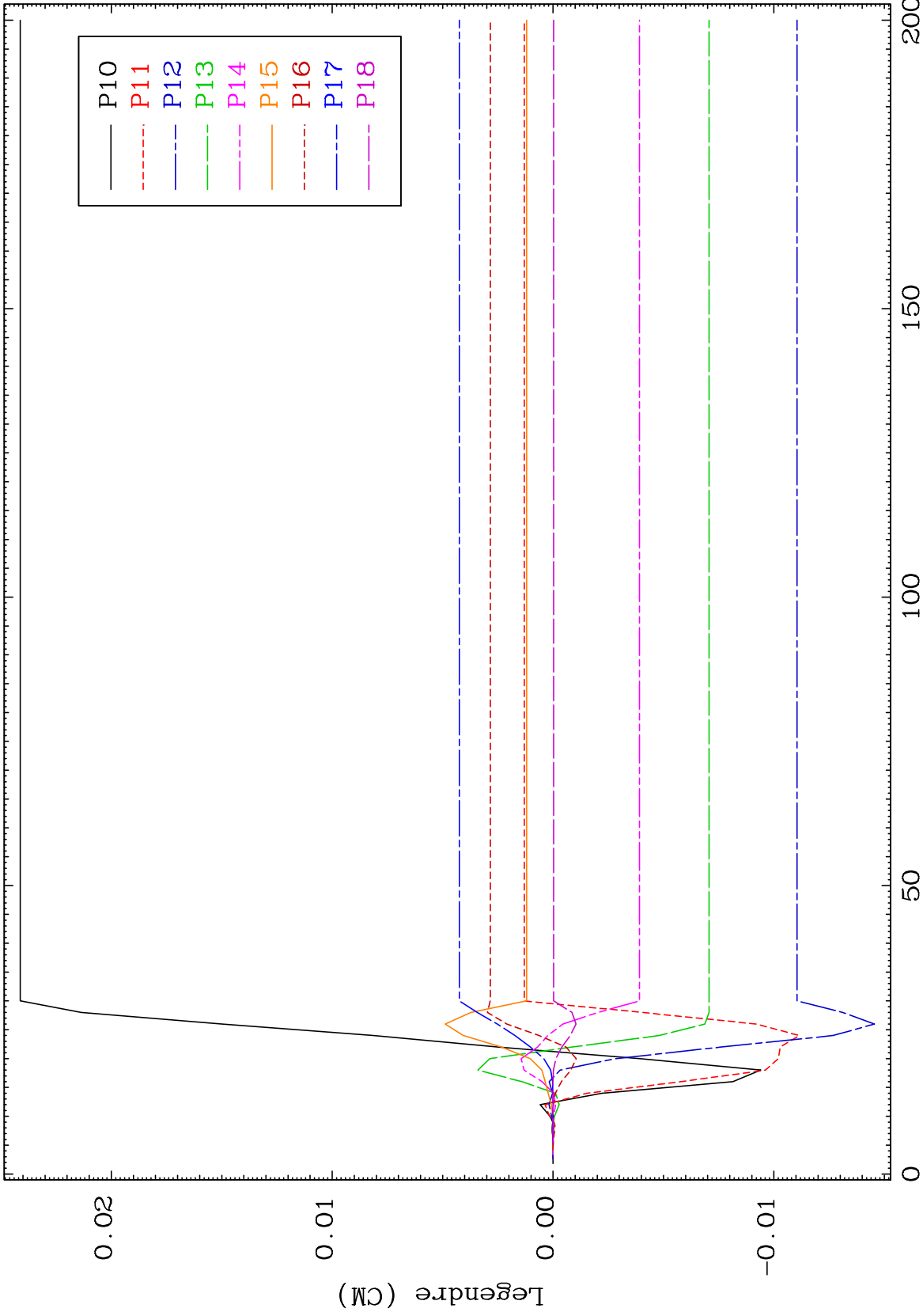
112

71-Lu-179

MAT 7137

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

71-Lu-179



113

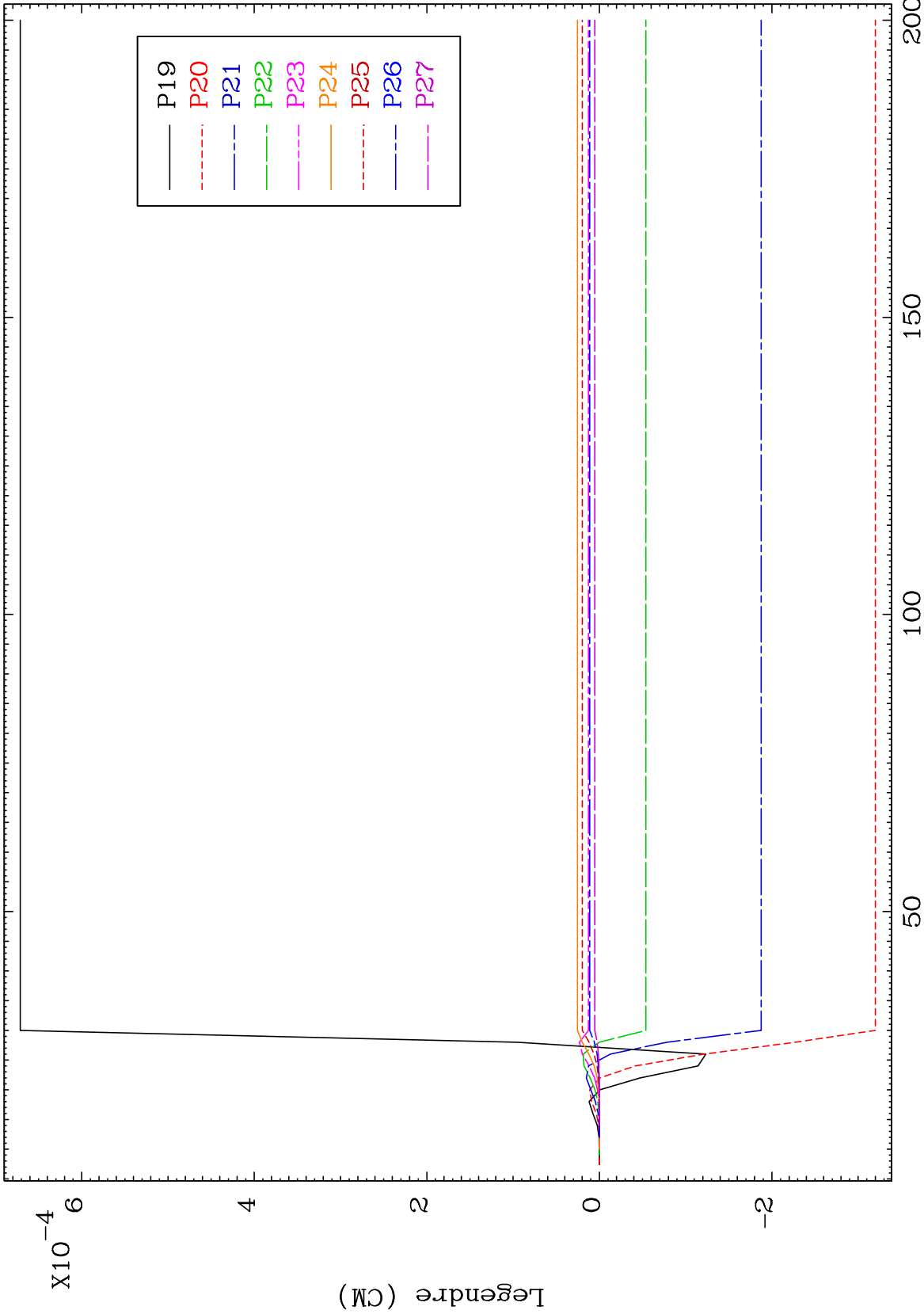
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



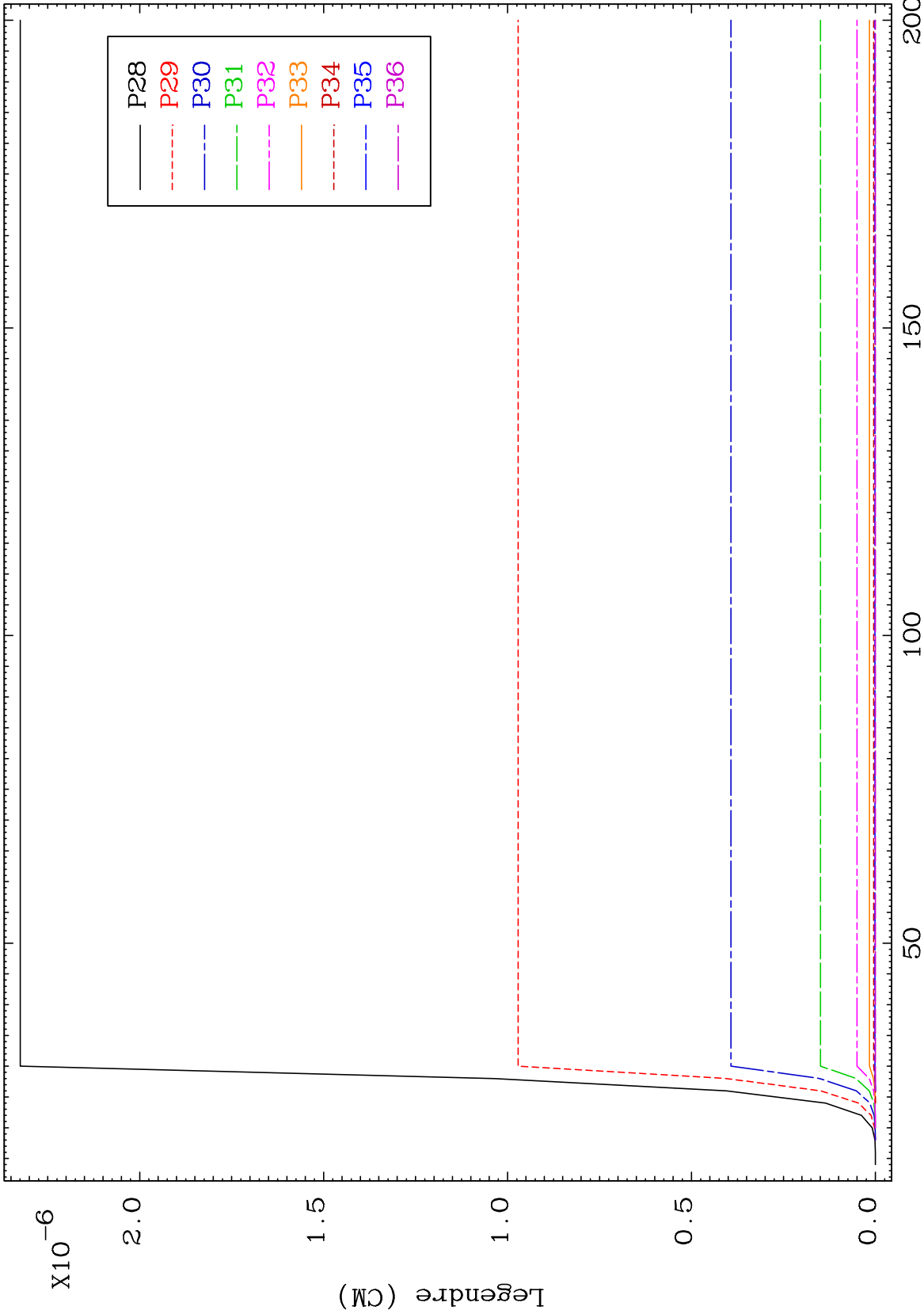
114

71-Lu-179

MAT 7137

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

71-Lu-179



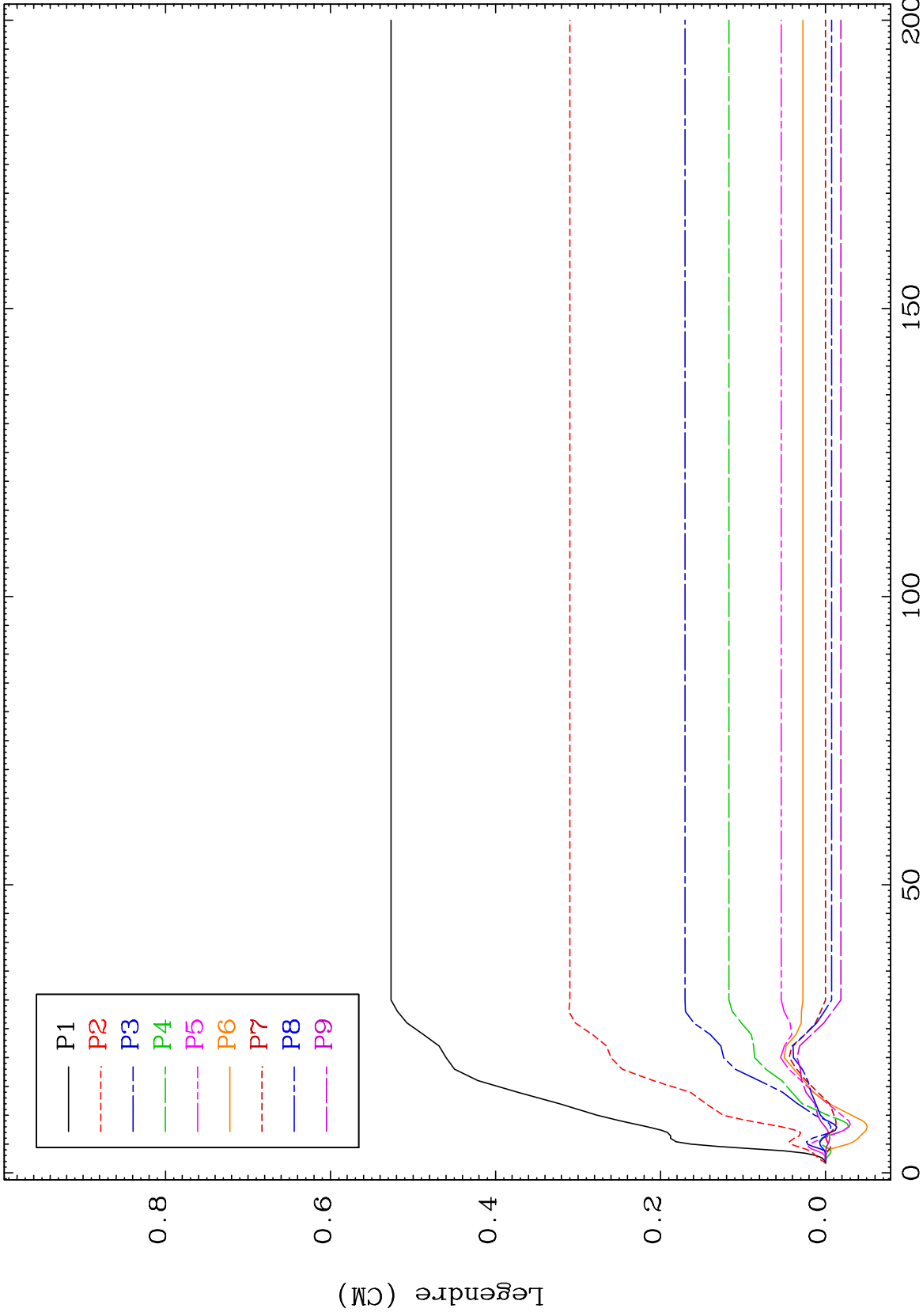
115

71-Lu-179

MAT 7137

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

71-Lu-179



116

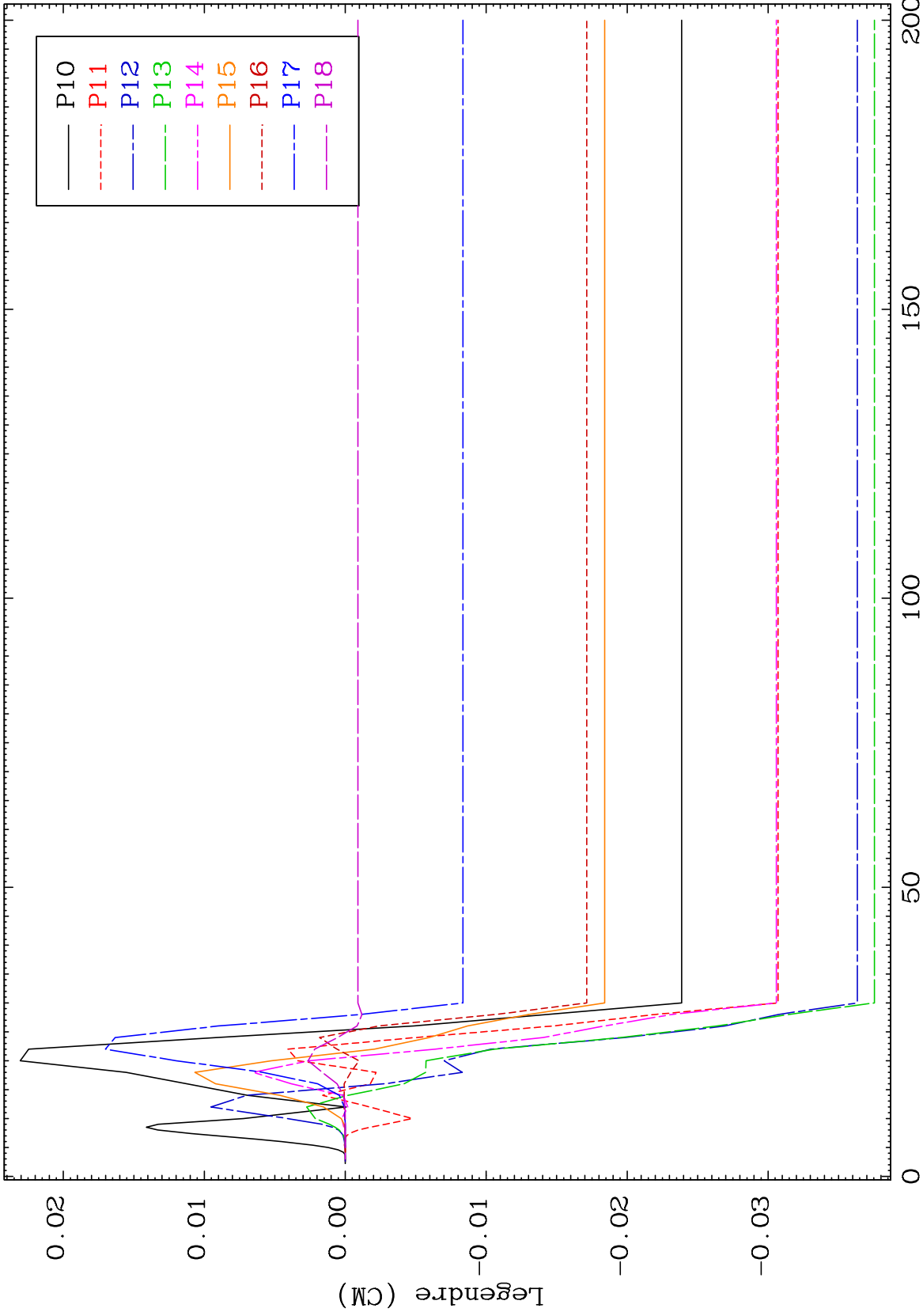
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



117

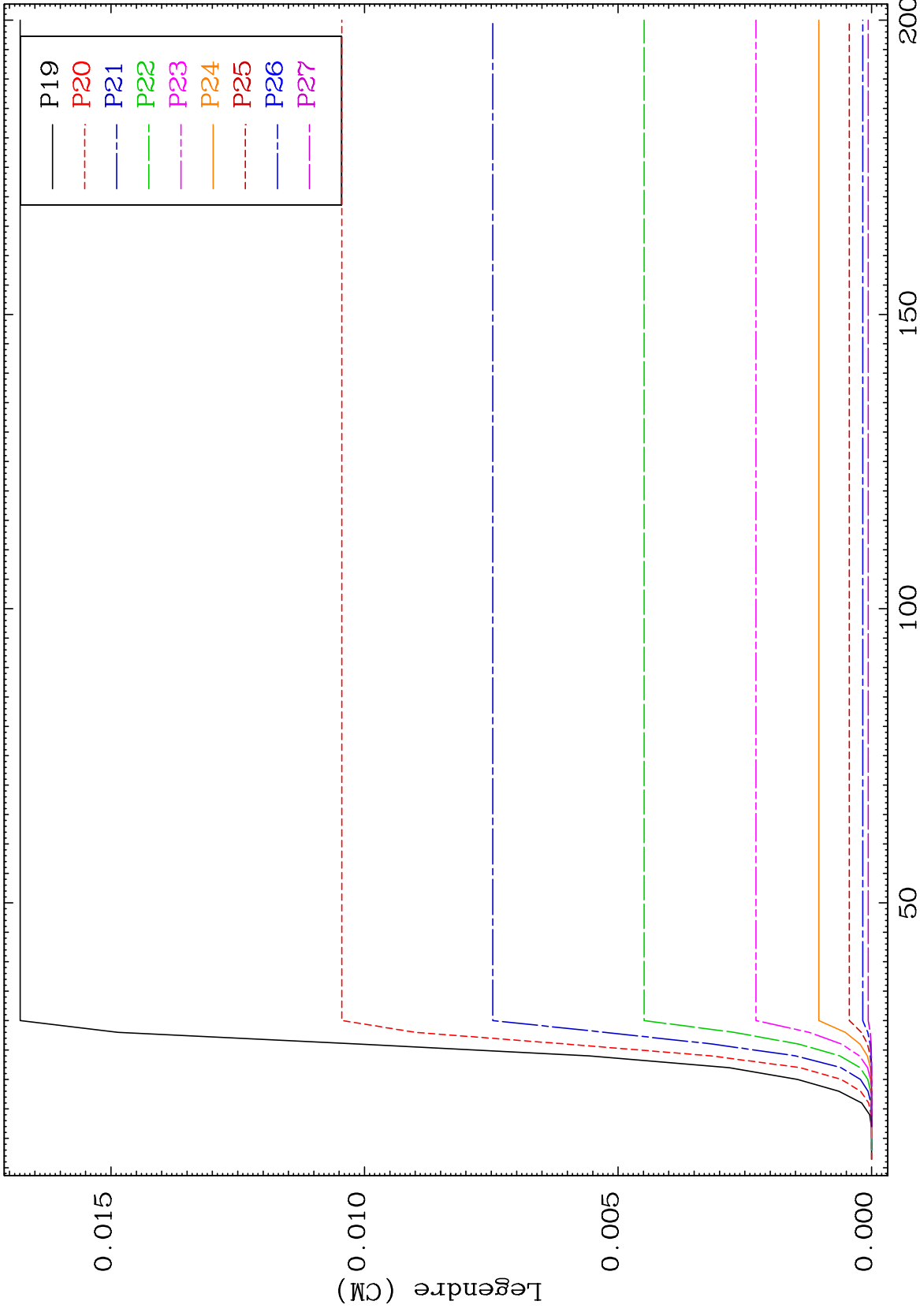
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



118

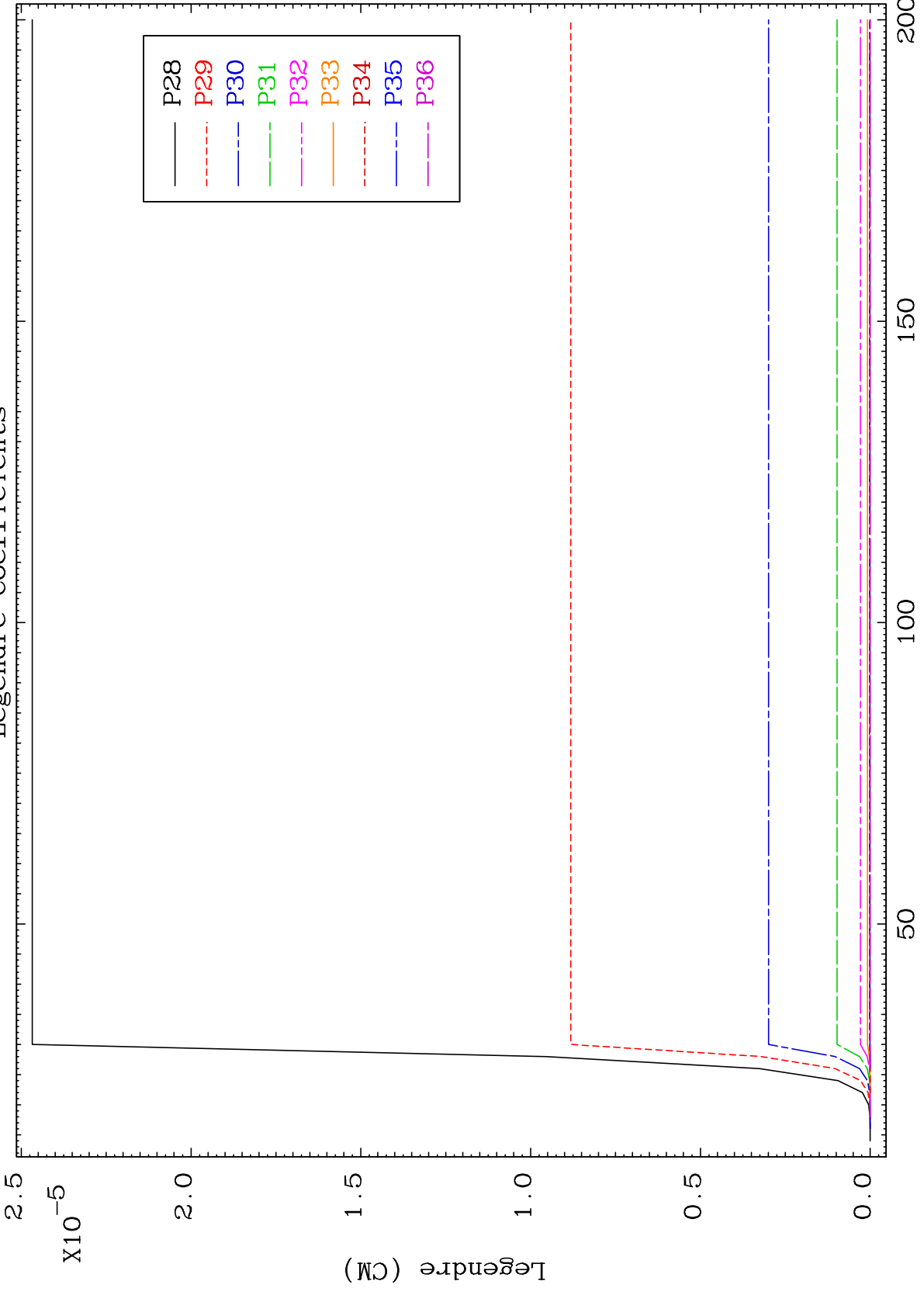
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



119

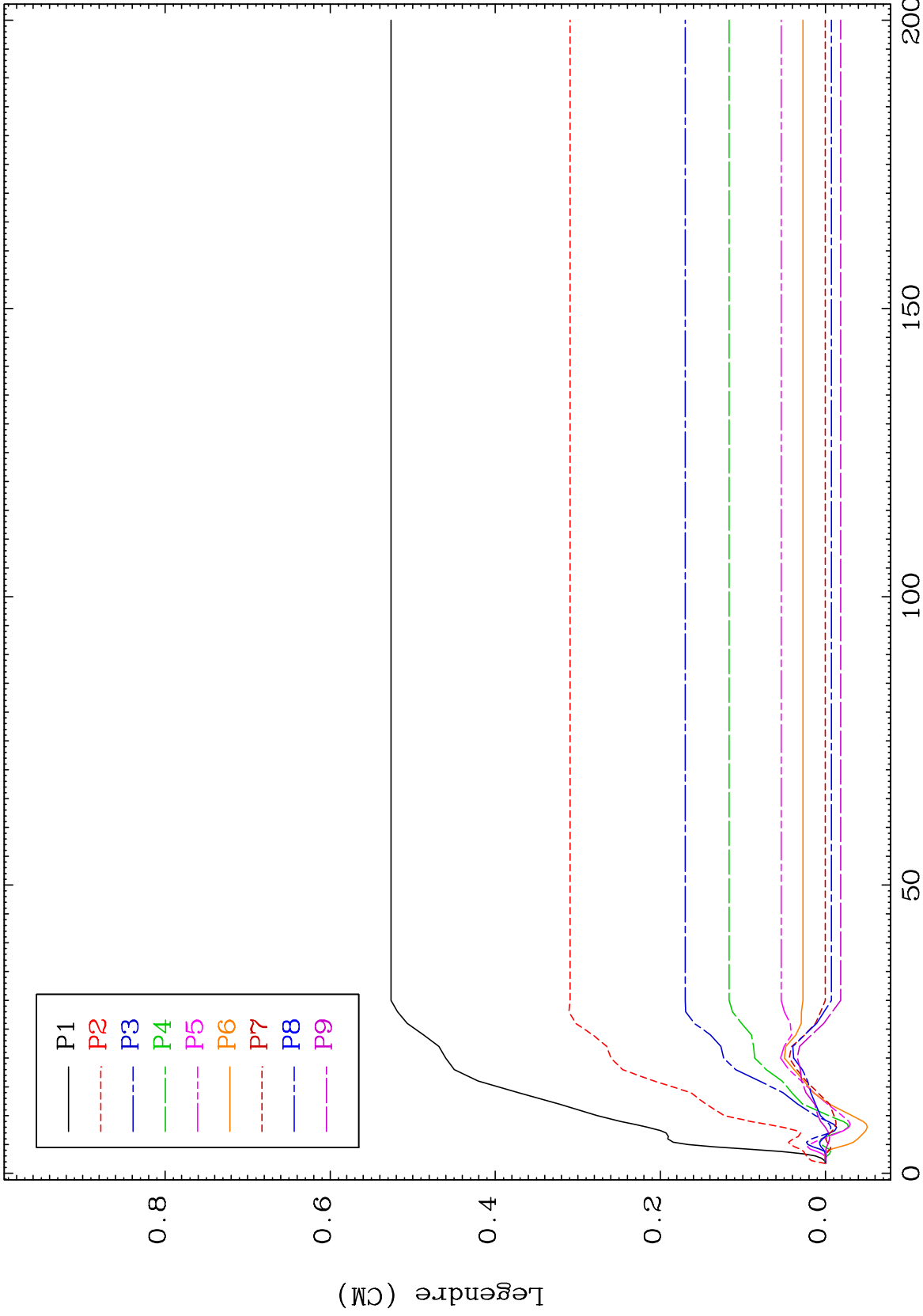
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

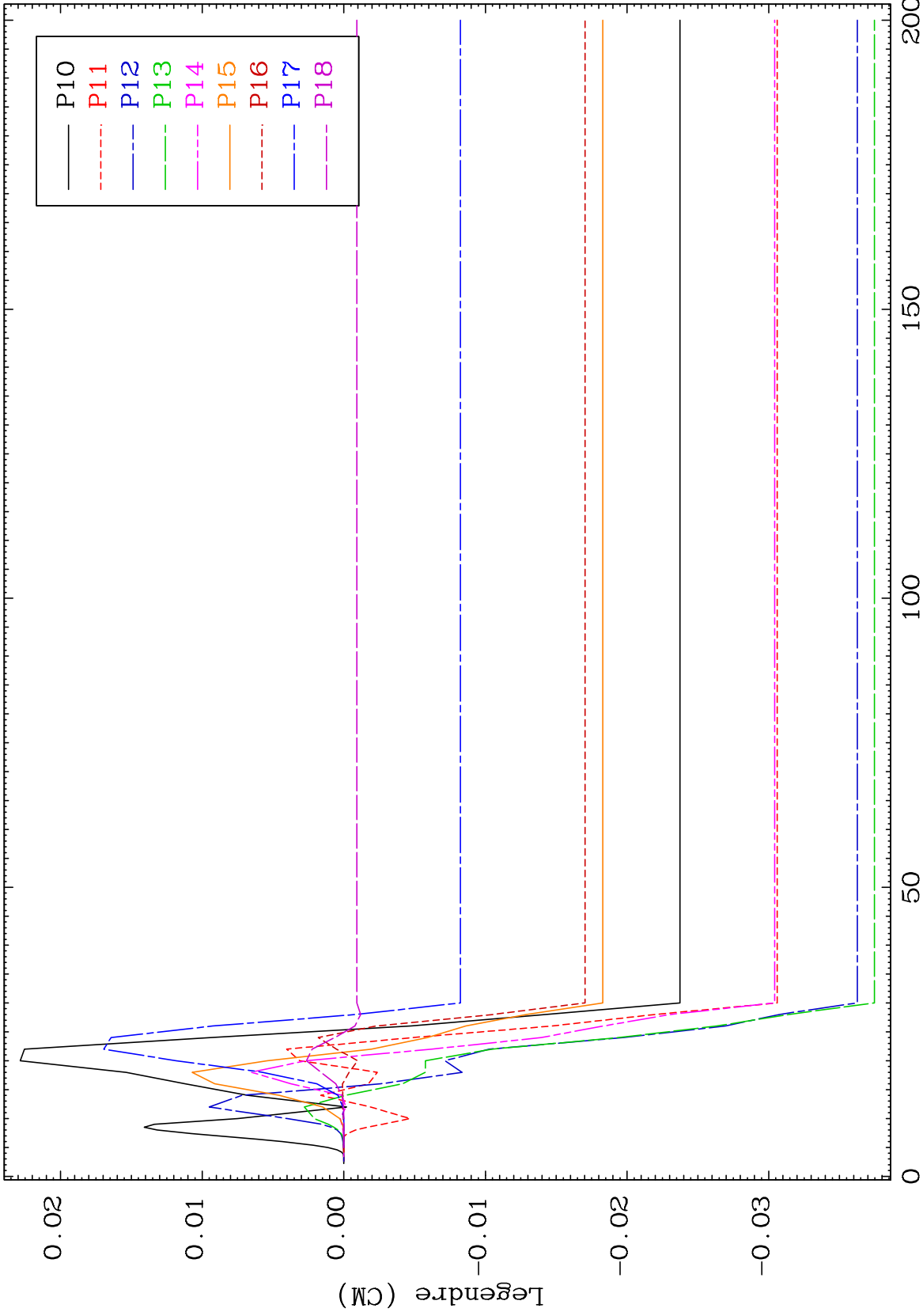
Incident Energy (MeV)

120

MAT 7137

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

71-Lu-179



121

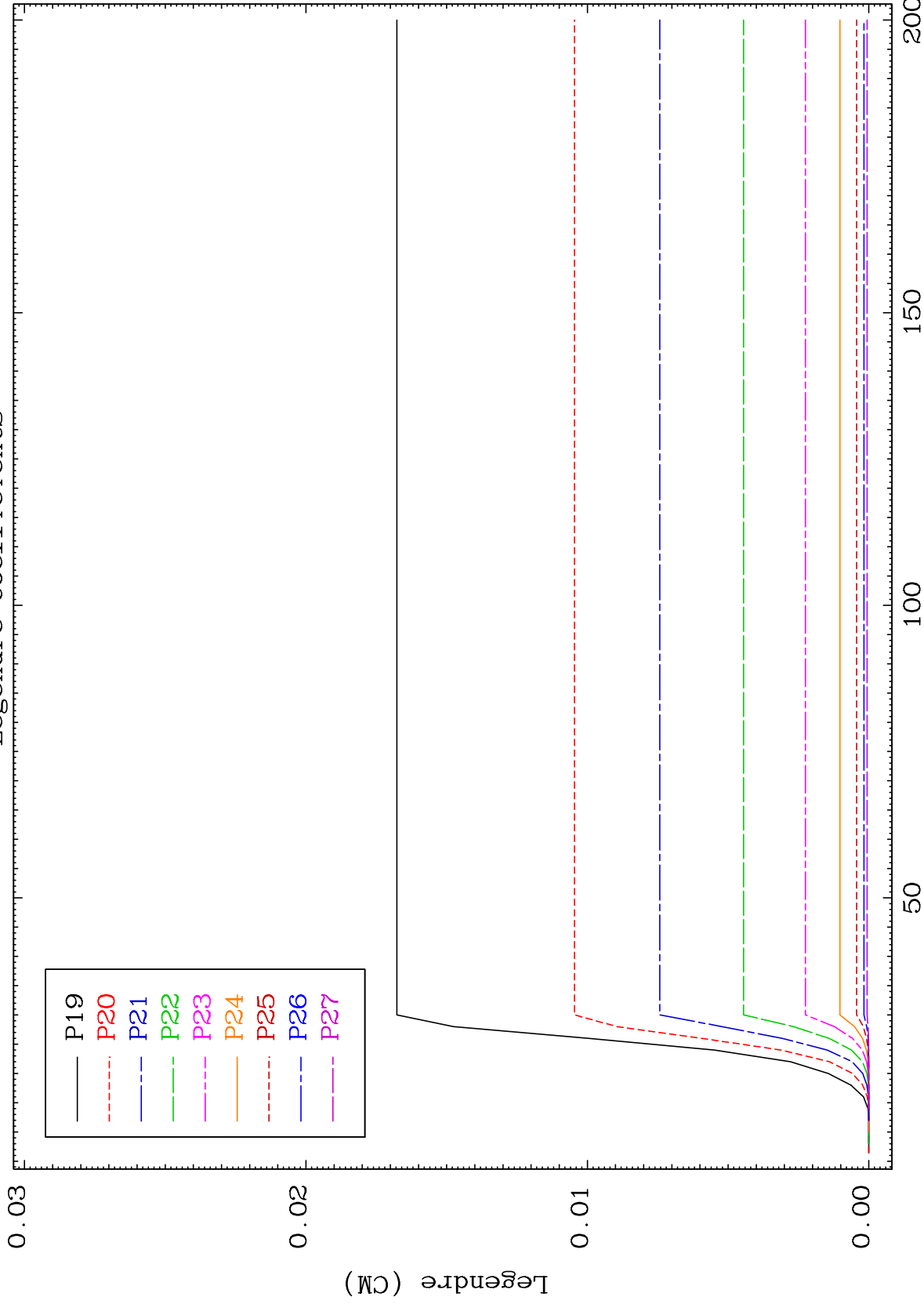
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



122

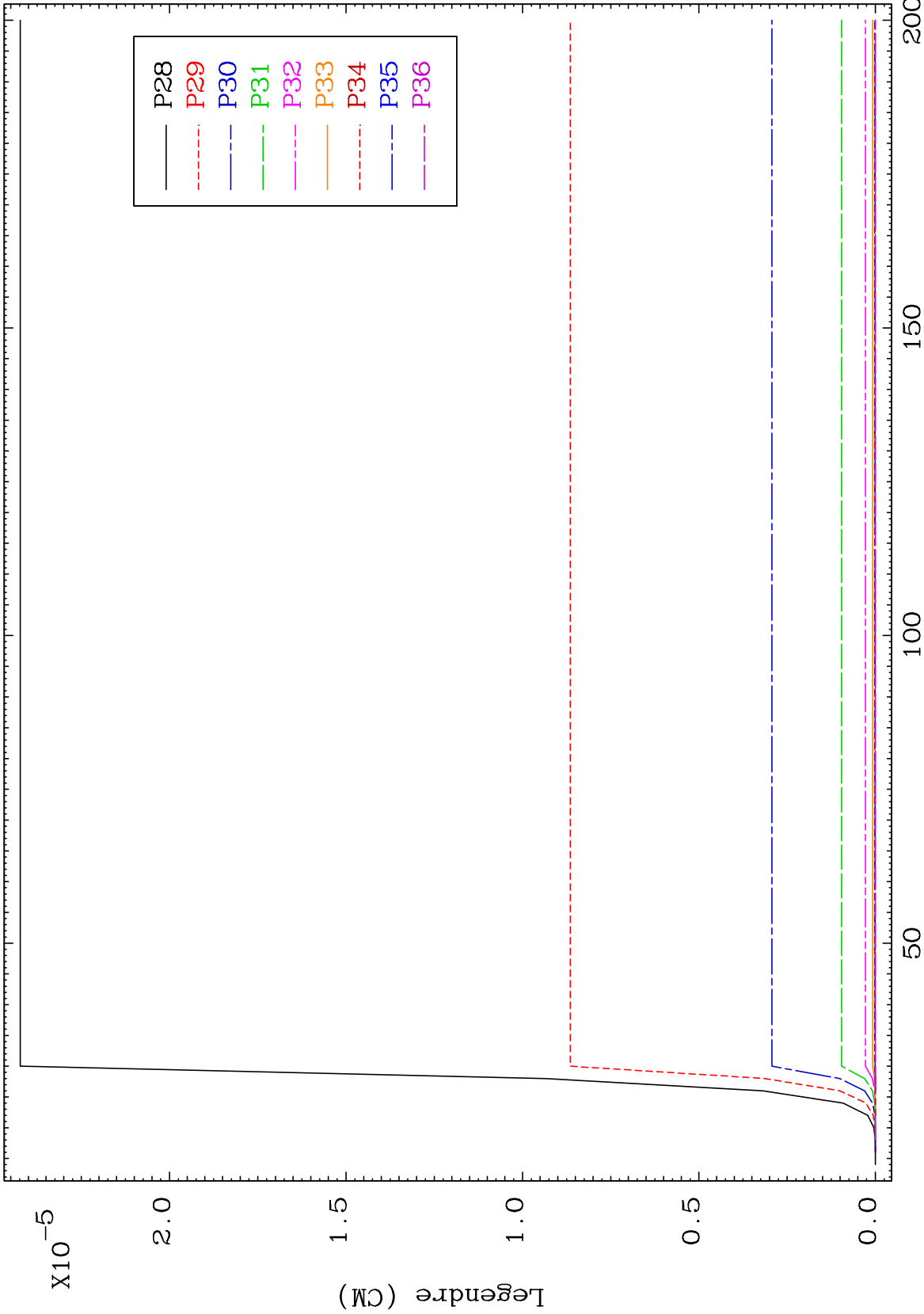
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



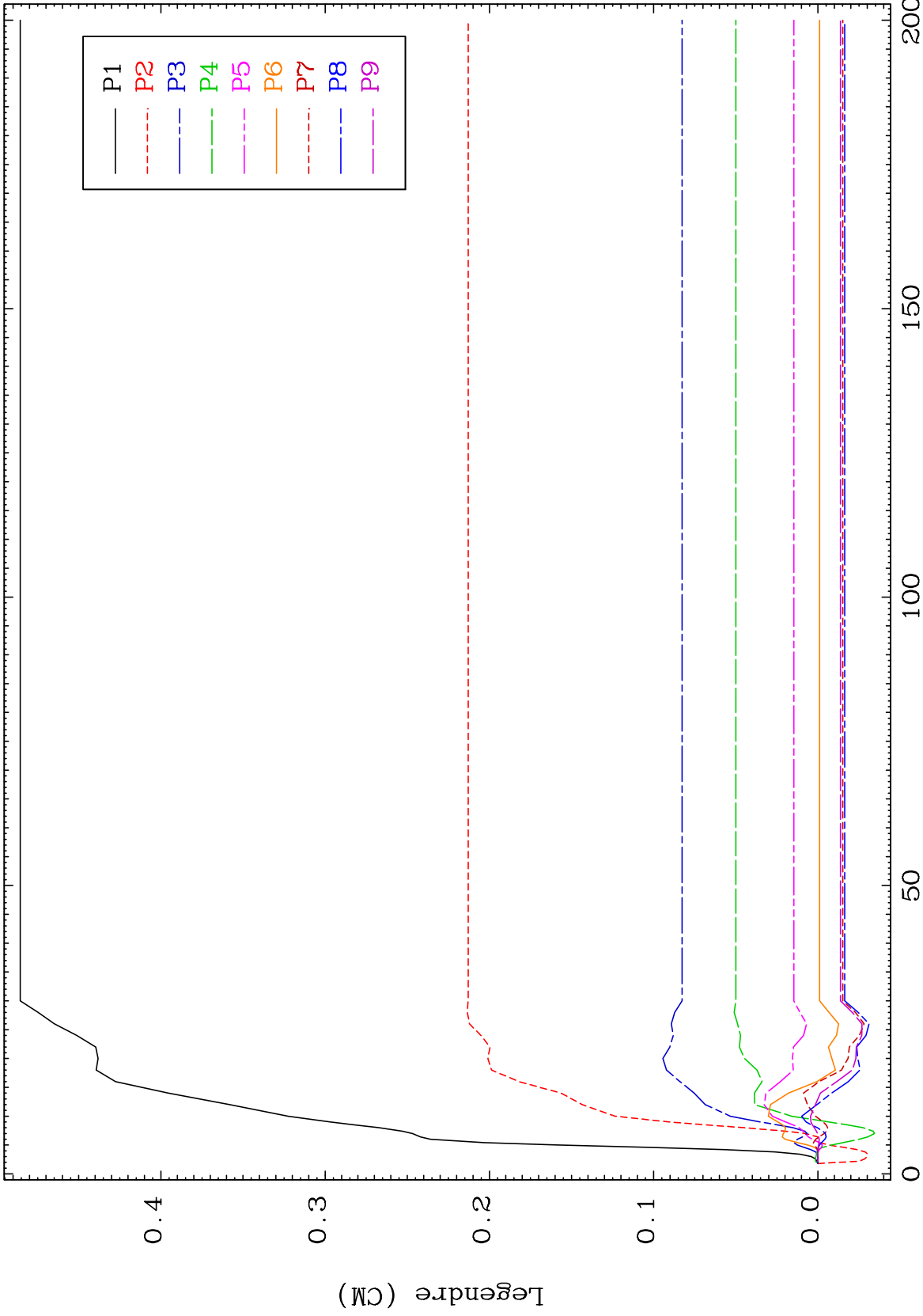
123

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

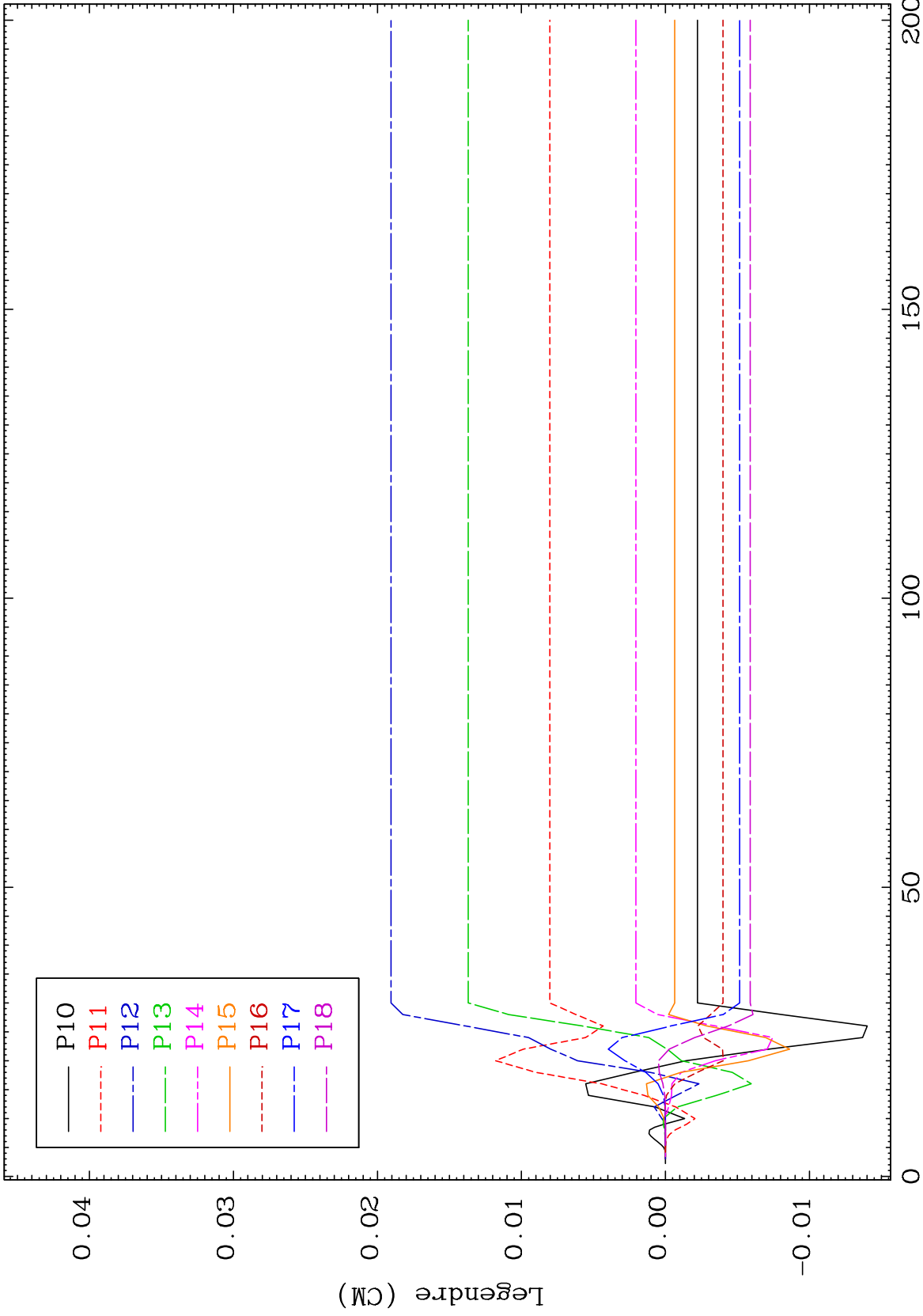
Incident Energy (MeV)

124

MAT 7137

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

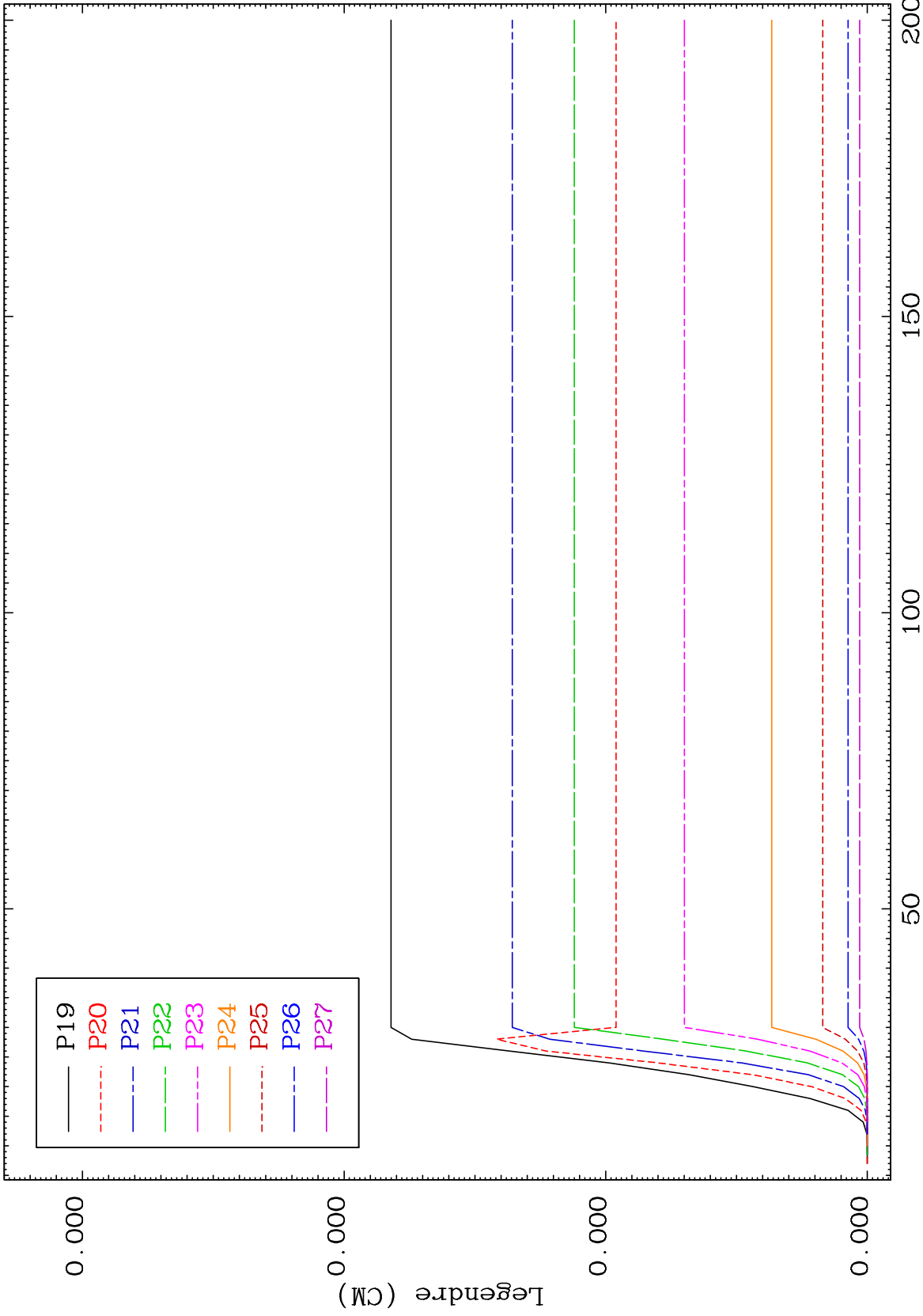
71-Lu-179



125

Incident Energy (MeV)

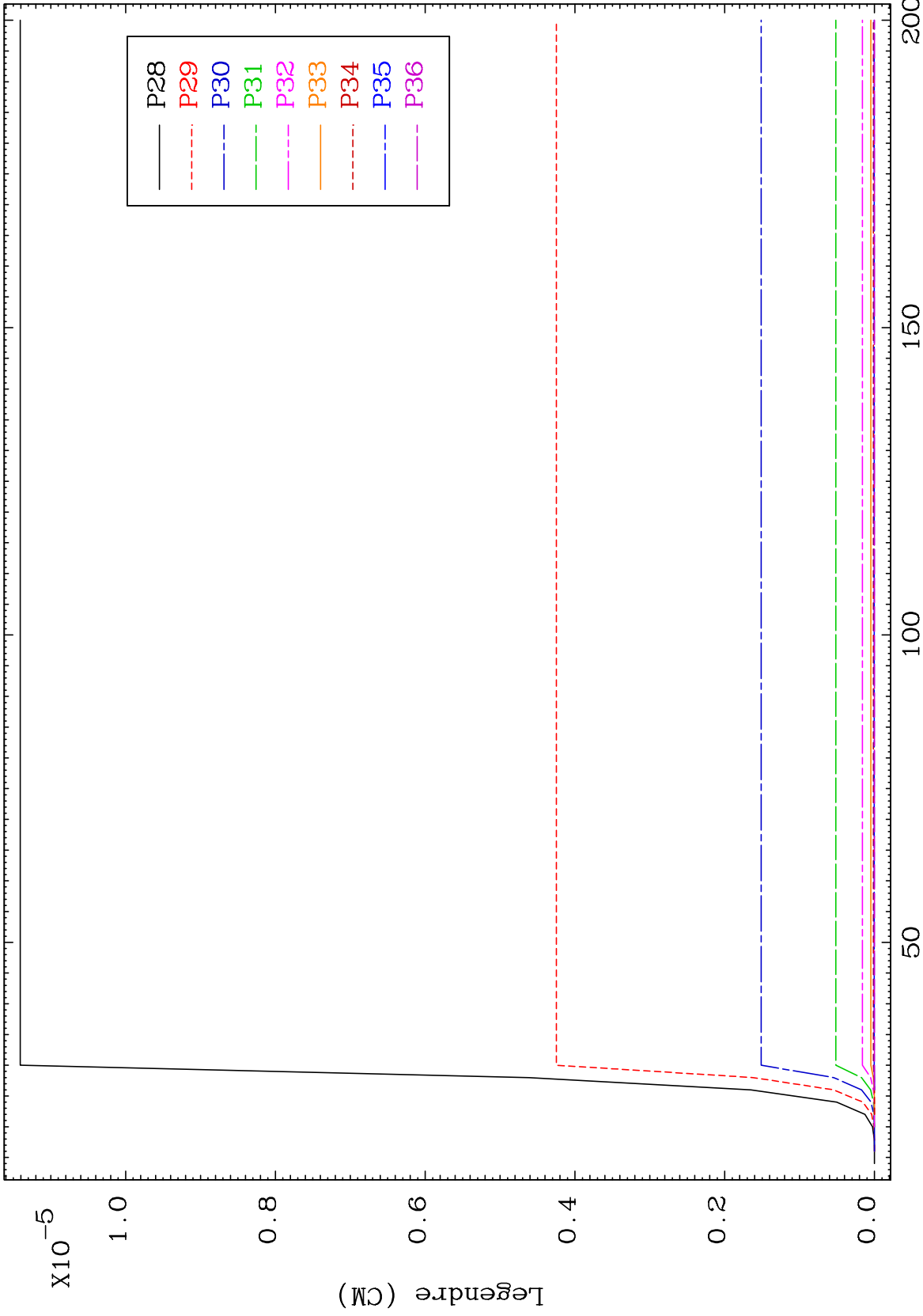
71-Lu-179



MAT 7137

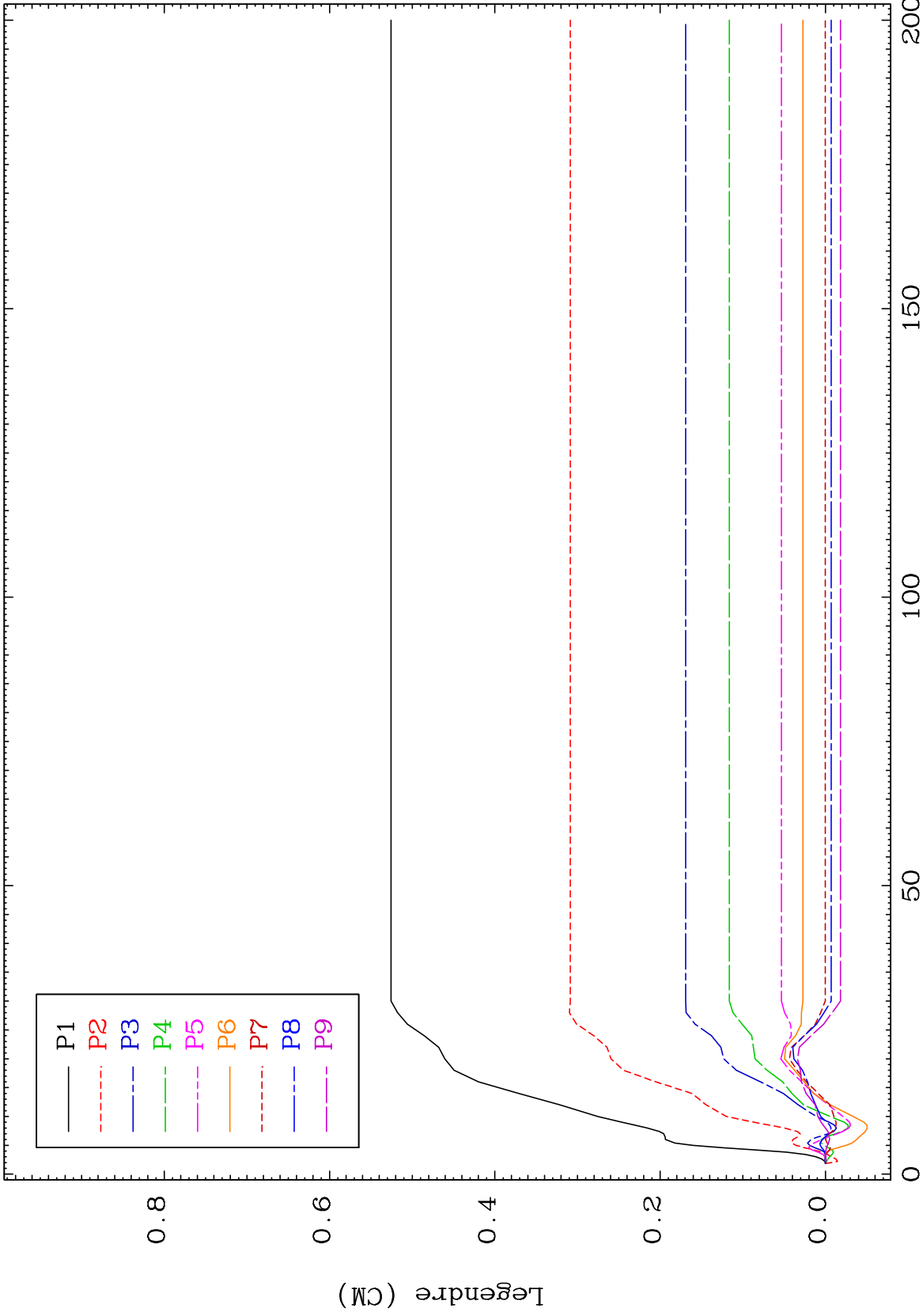
MT= 77 (n,n') Level
Legendre Coefficients

71-Lu-179



127

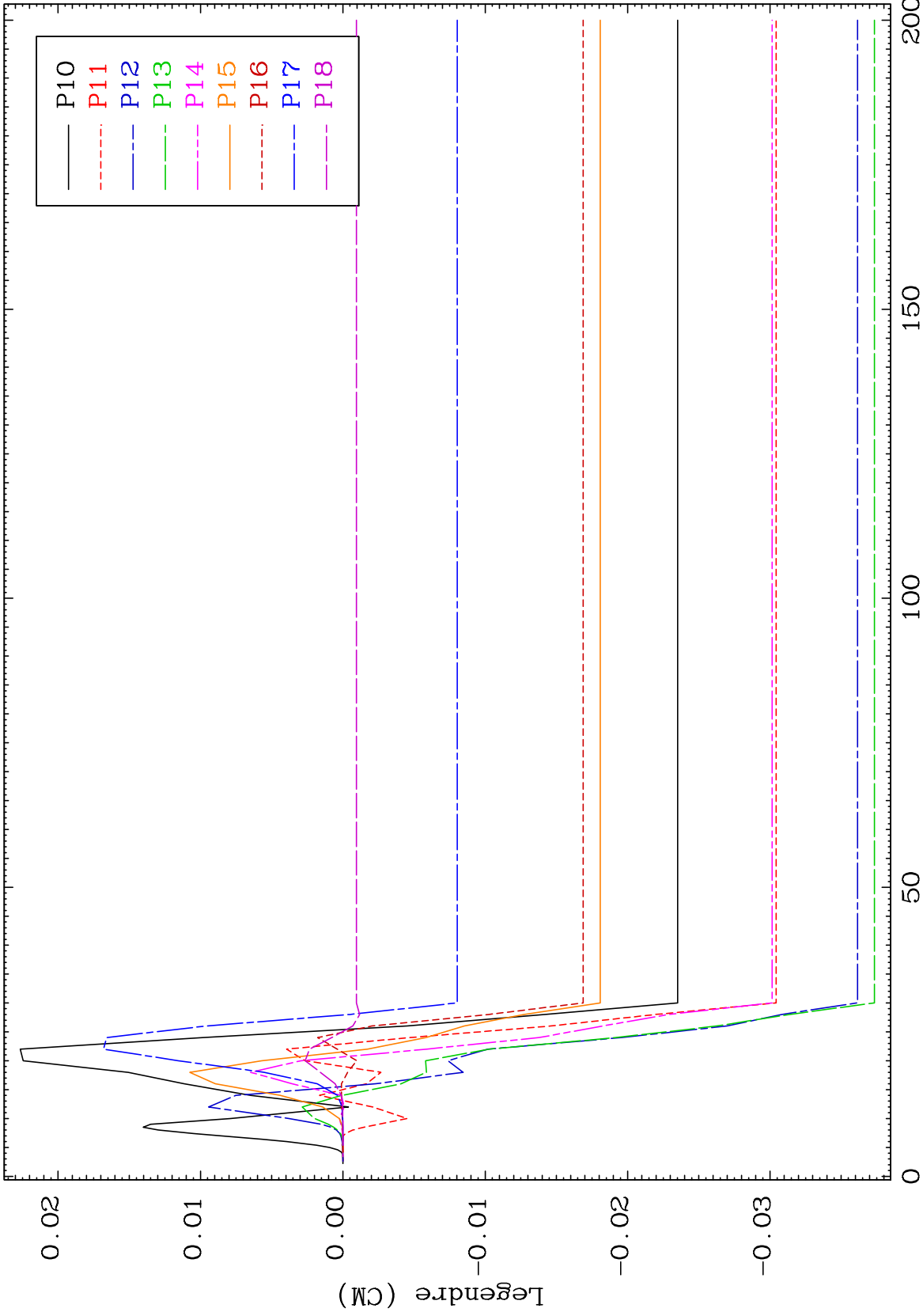
71-Lu-179



MAT 7137

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

71-Lu-179



129

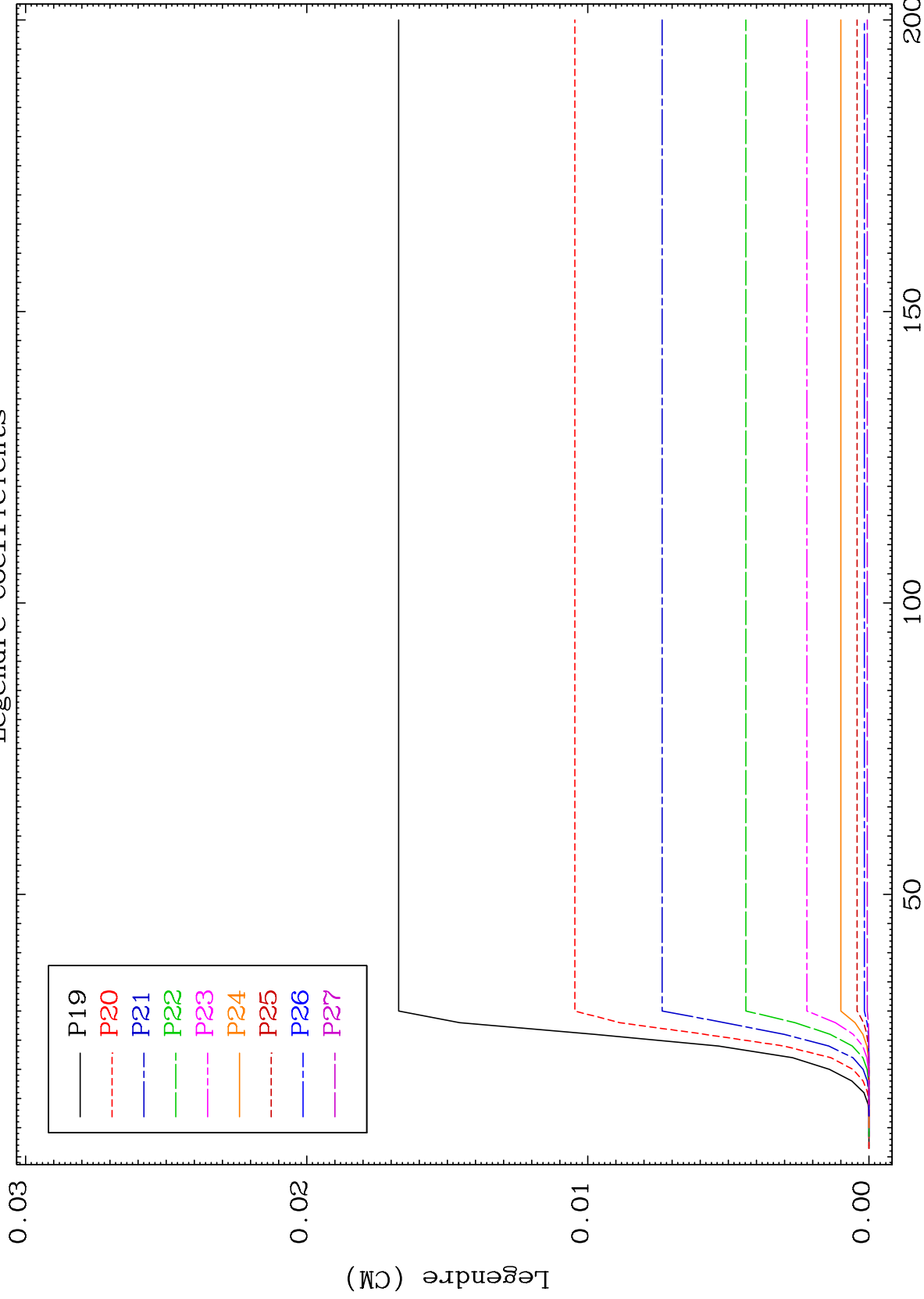
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

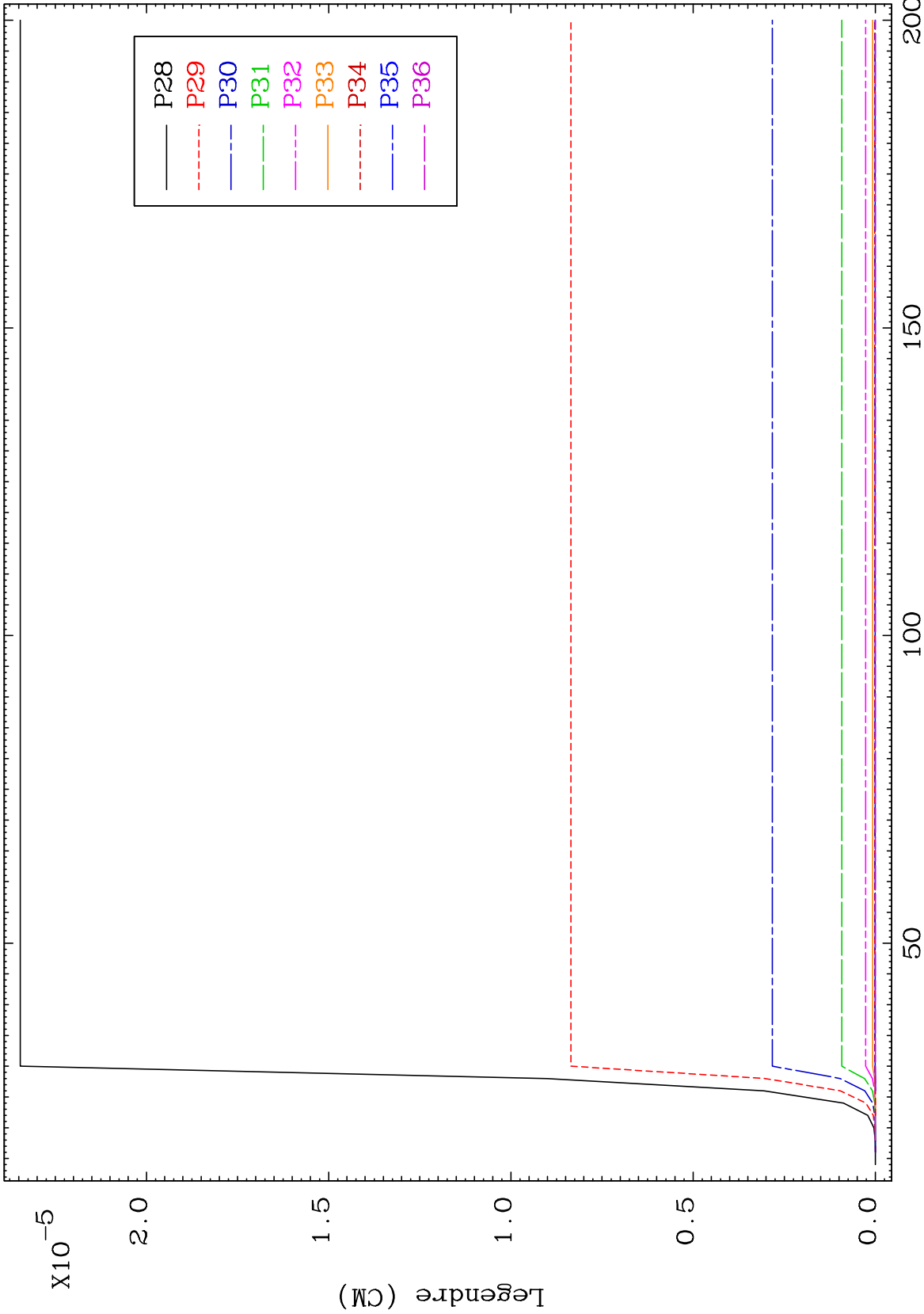
Incident Energy (MeV)

130

MAT 7137

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

71-Lu-179



131

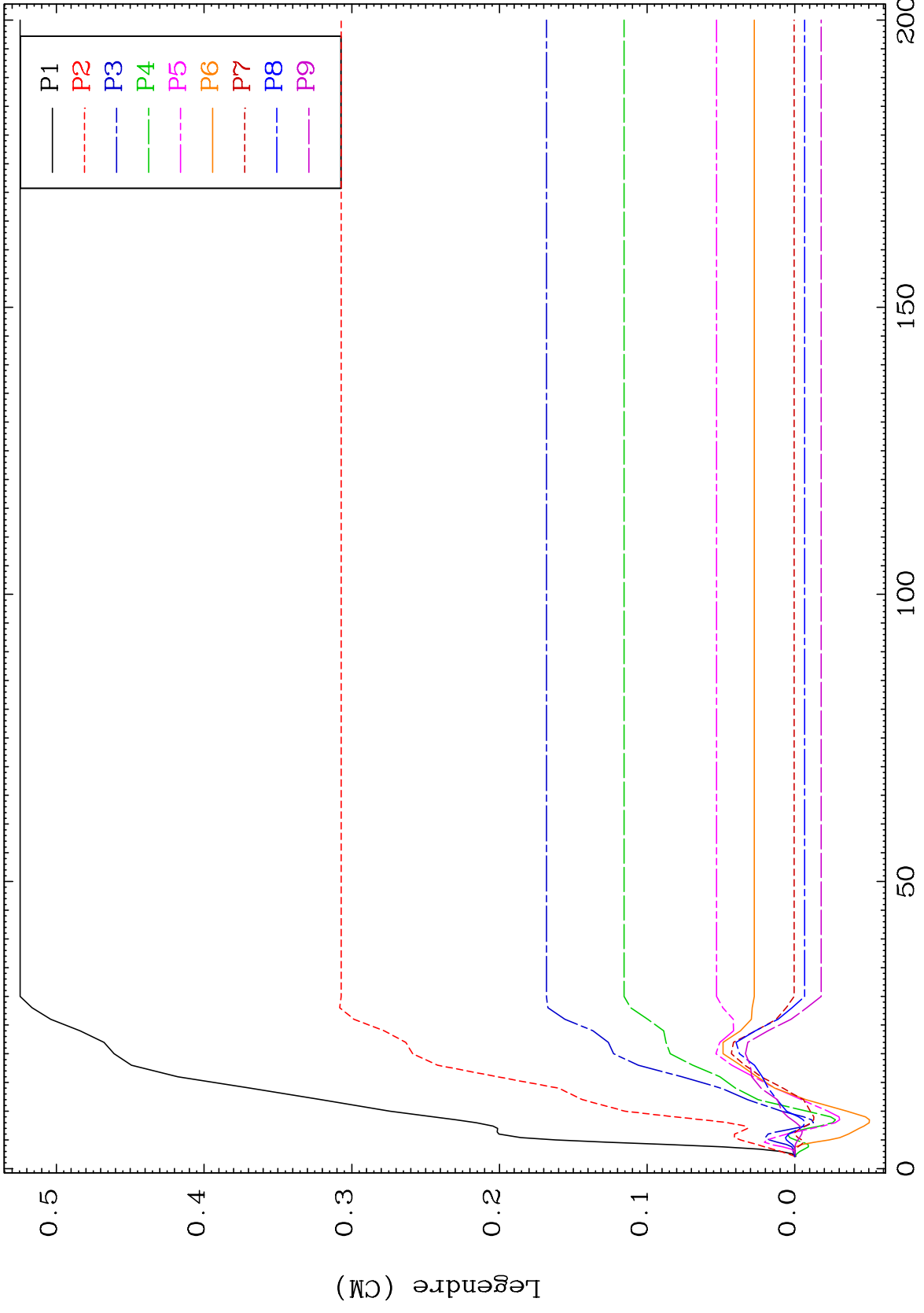
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



132

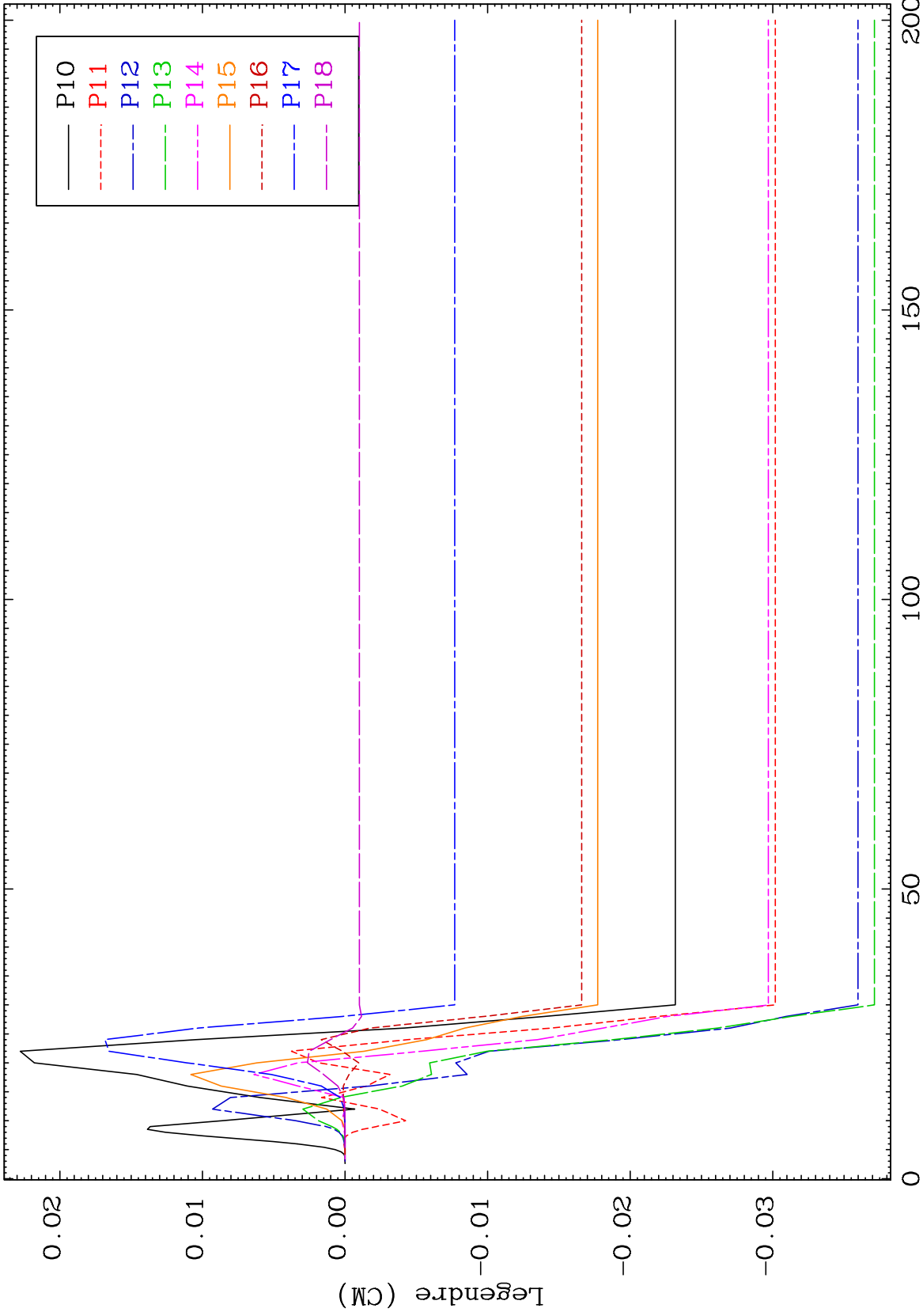
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



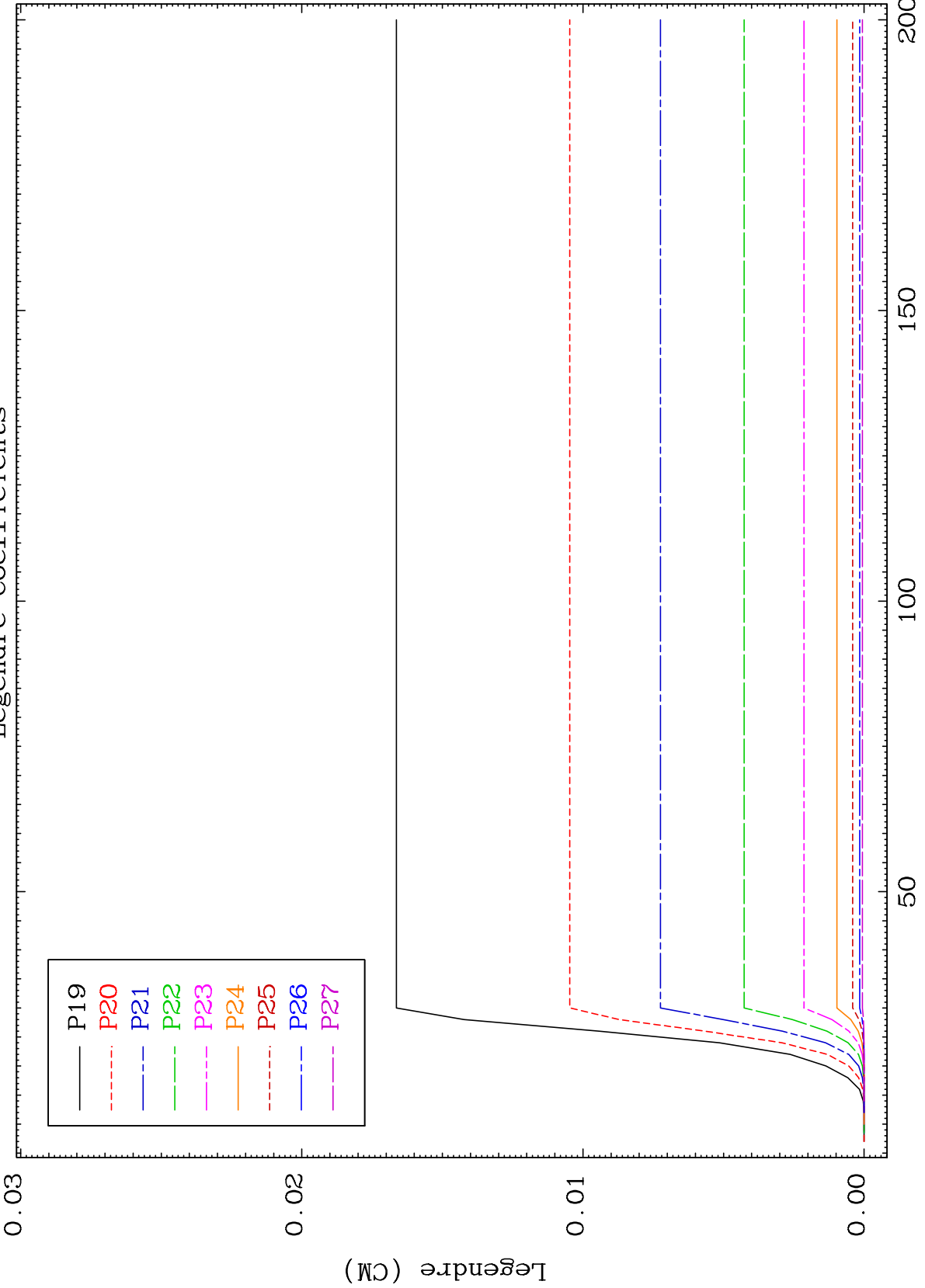
133

71-Lu-179

MAT 7137

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

71-Lu-179



134

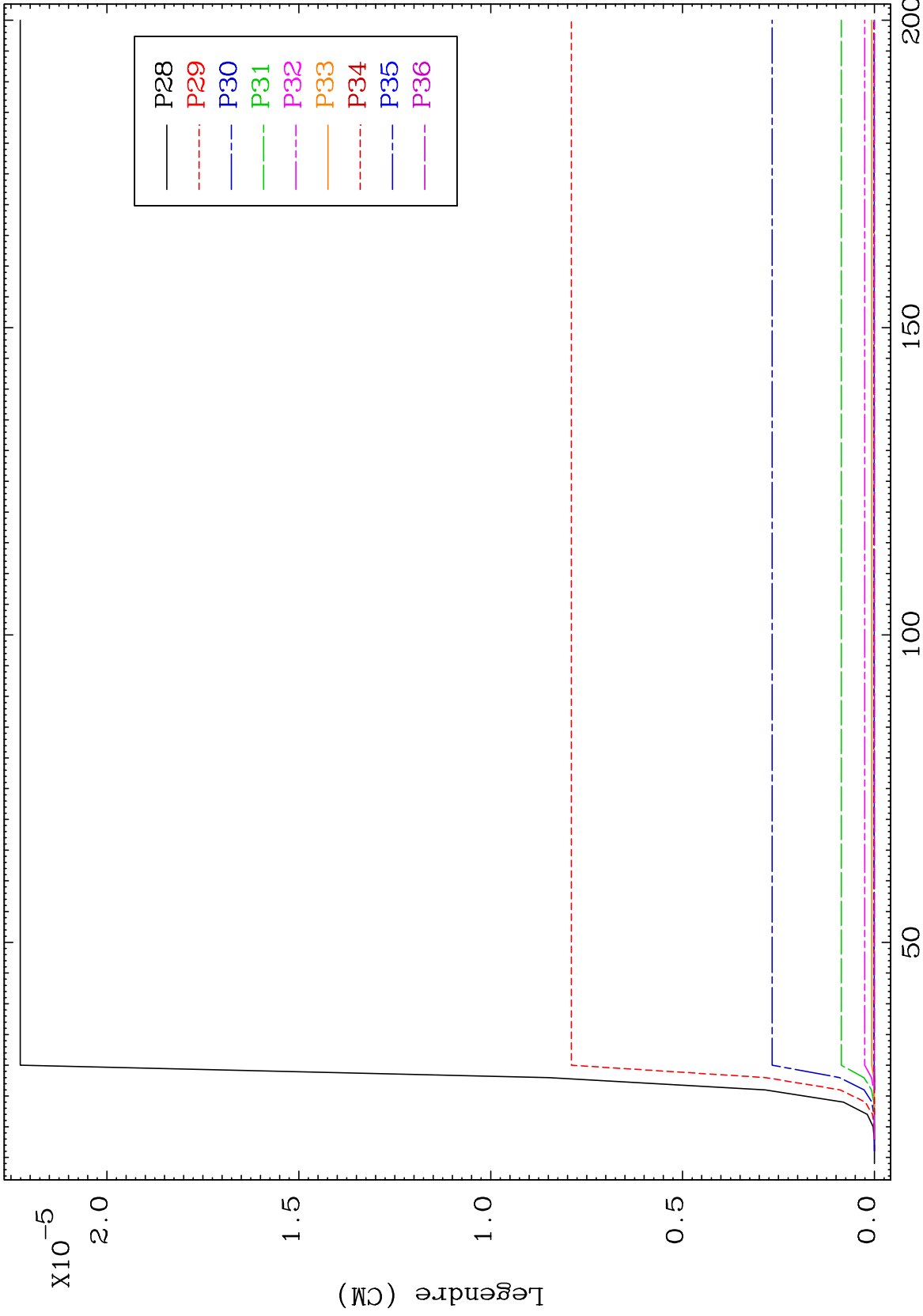
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



135

Incident Energy (MeV)

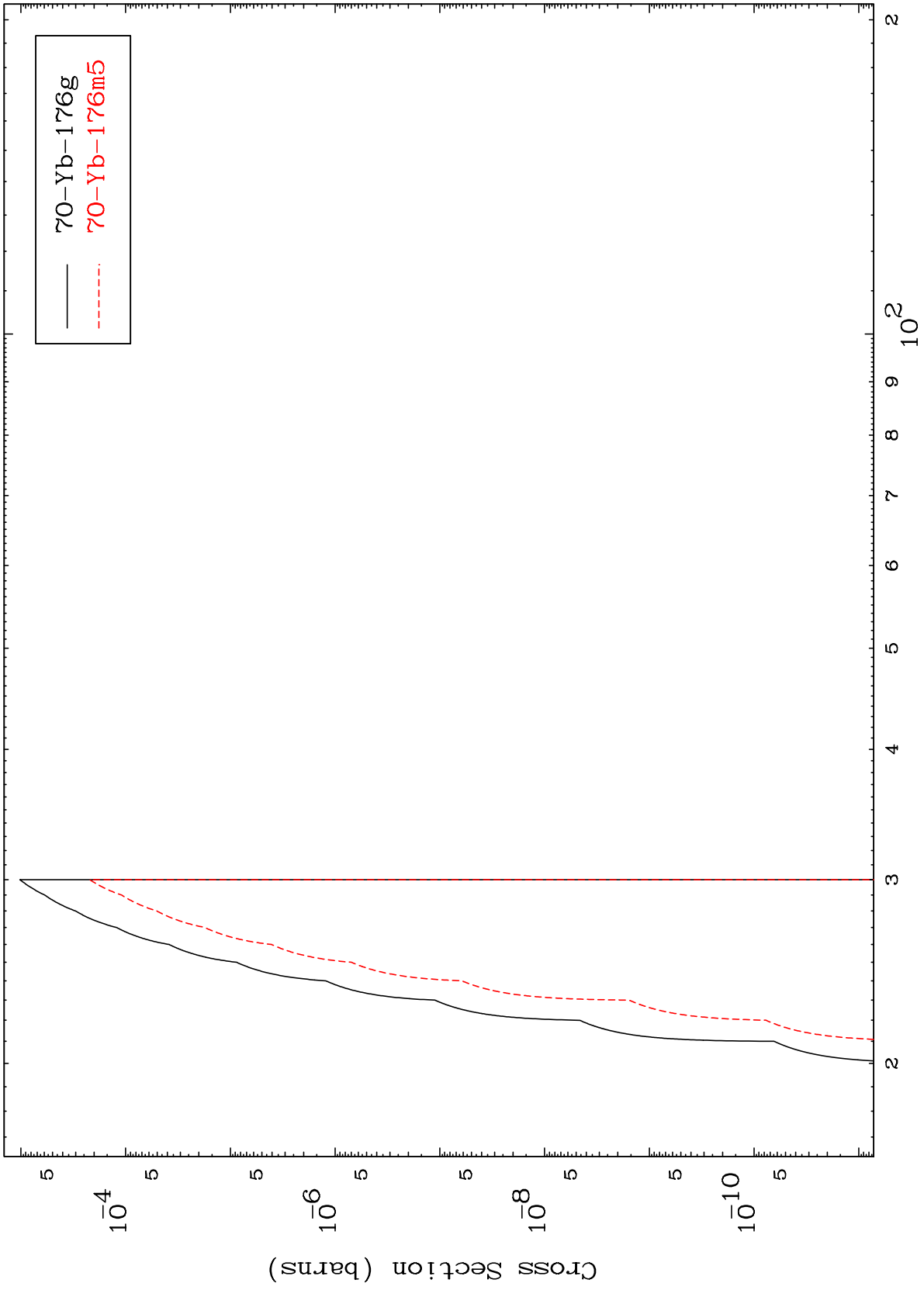
71-Lu-179

MAT 7137

(n,2n) d

71-Lu-179

Radionuclide Production Cross Section



136

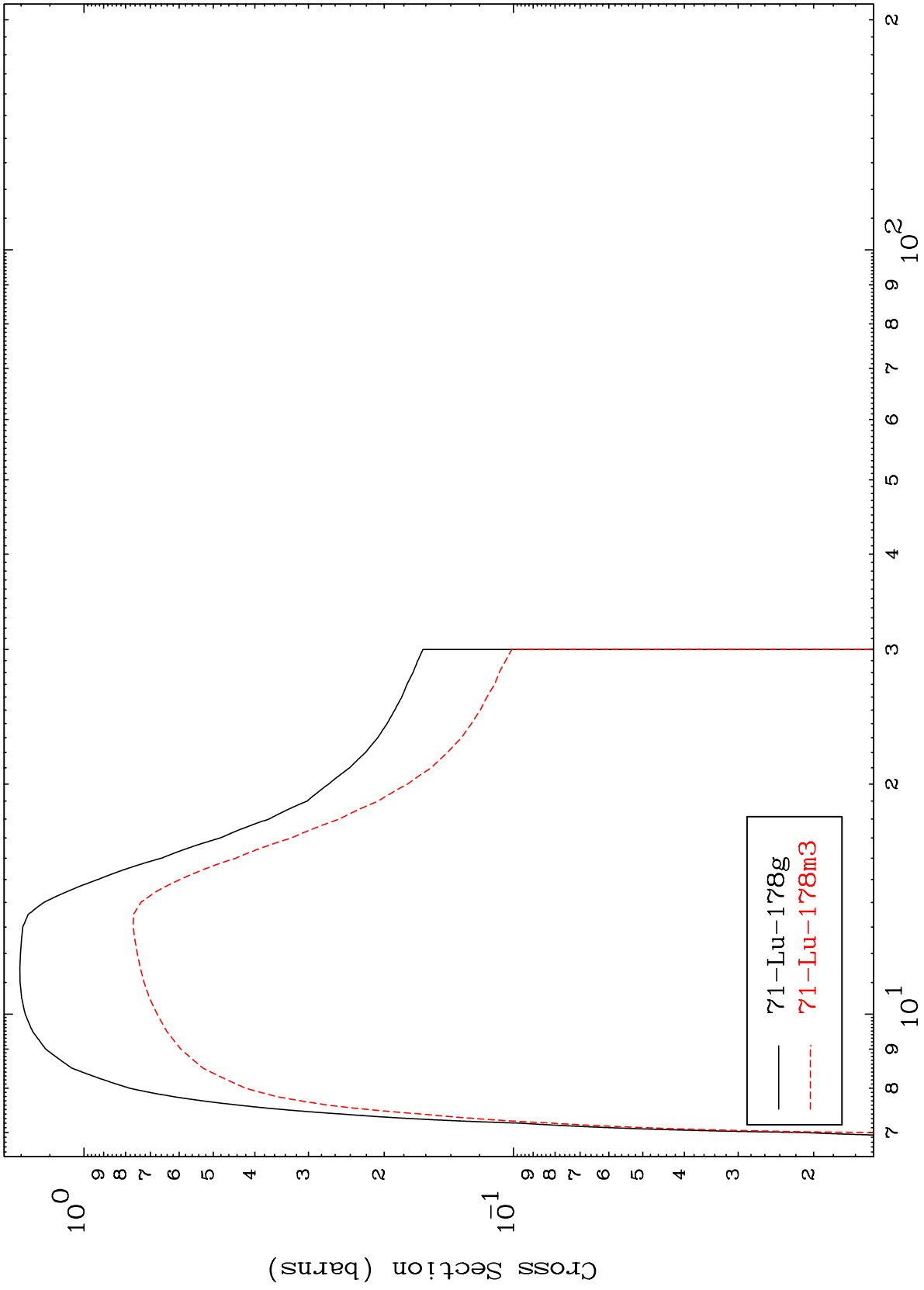
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

(n,2n)
Radionuclide Production Cross Section



137

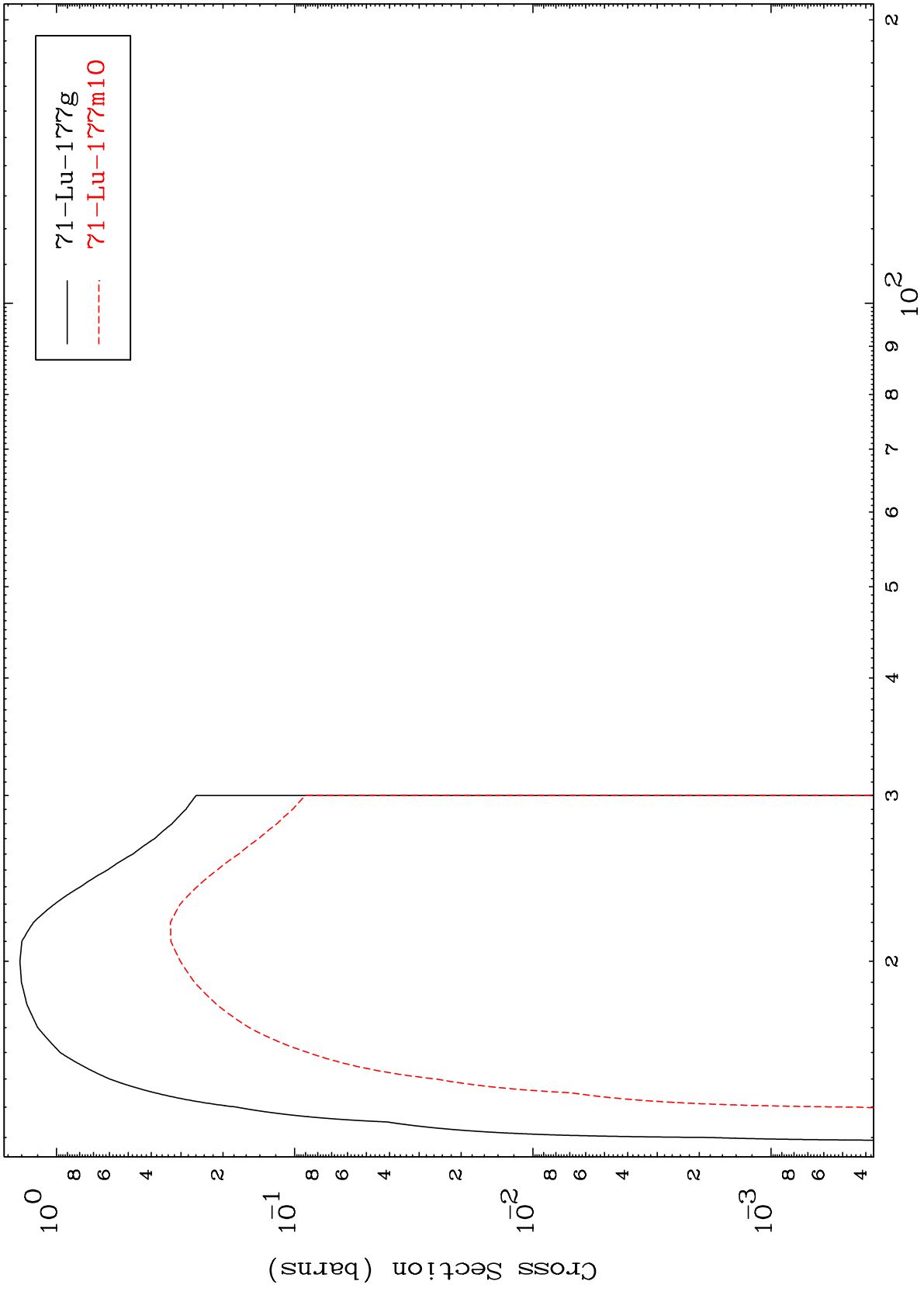
71-Lu-179

MAT 7137

(n,3n)

71-Lu-179

Radionuclide Production Cross Section



138

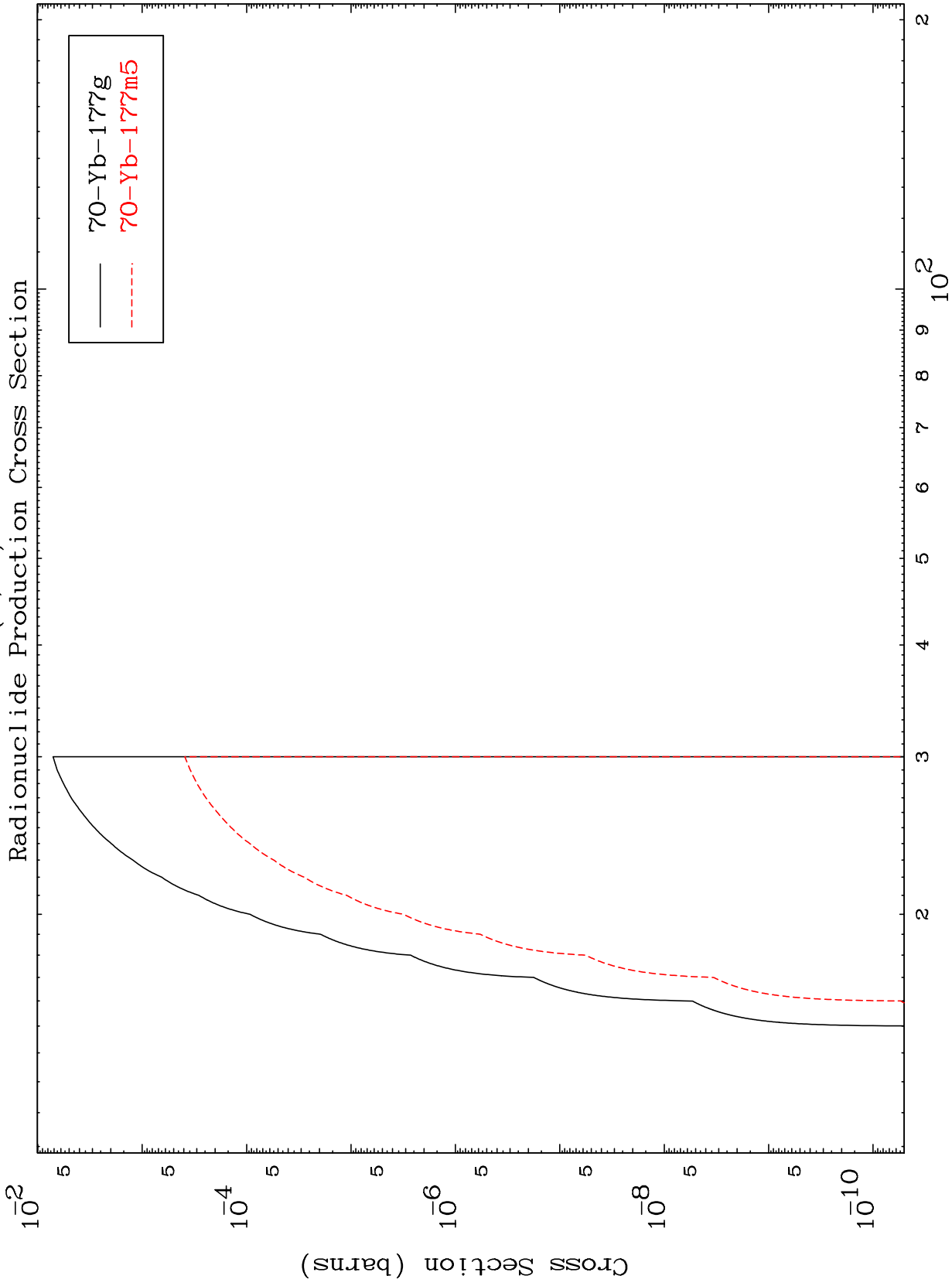
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,n') d

71-Lu-179



139

71-Lu-179

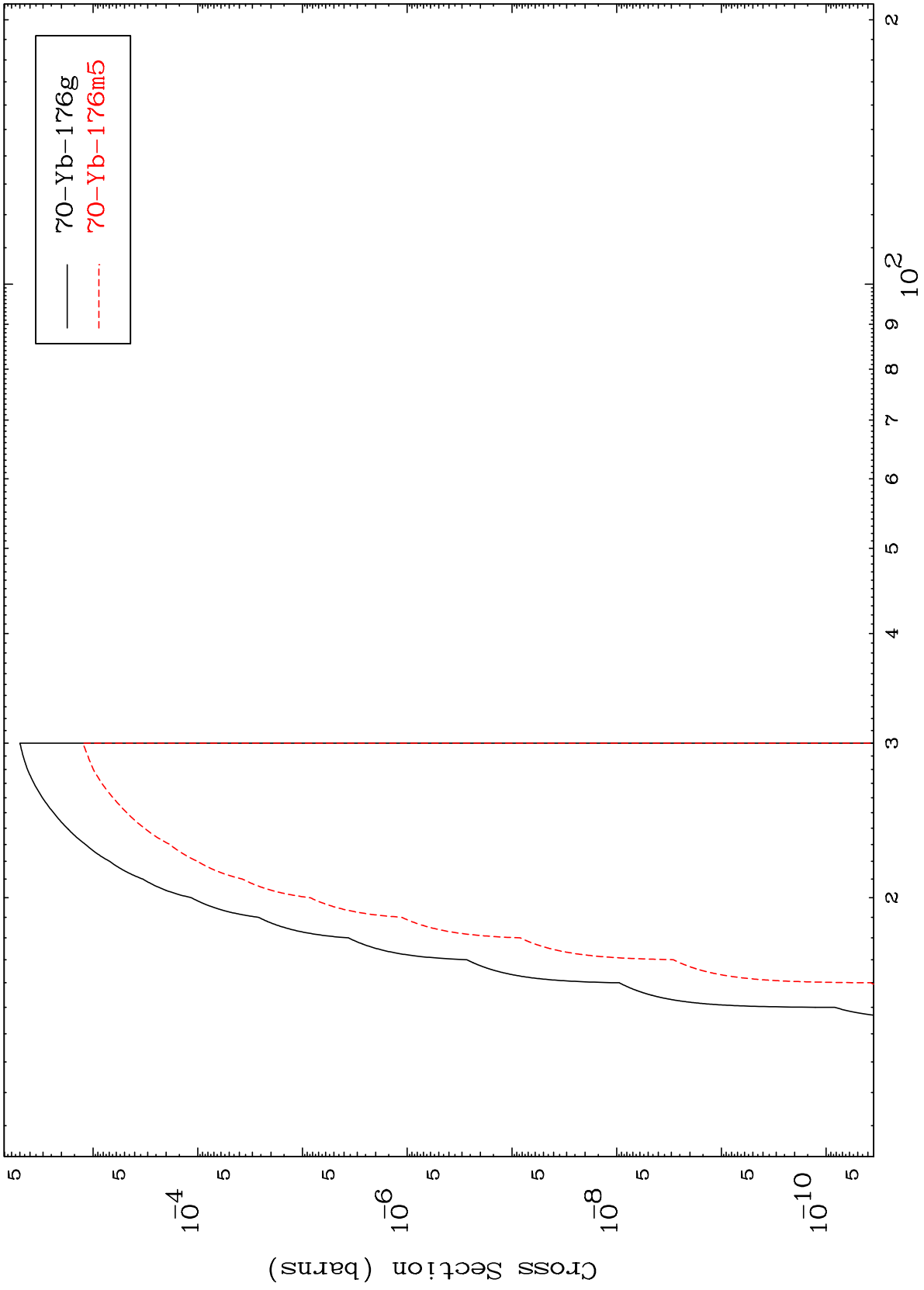
71-Lu-179

MAT 7137

(n,n') t

71-Lu-179

Radionuclide Production Cross Section



140

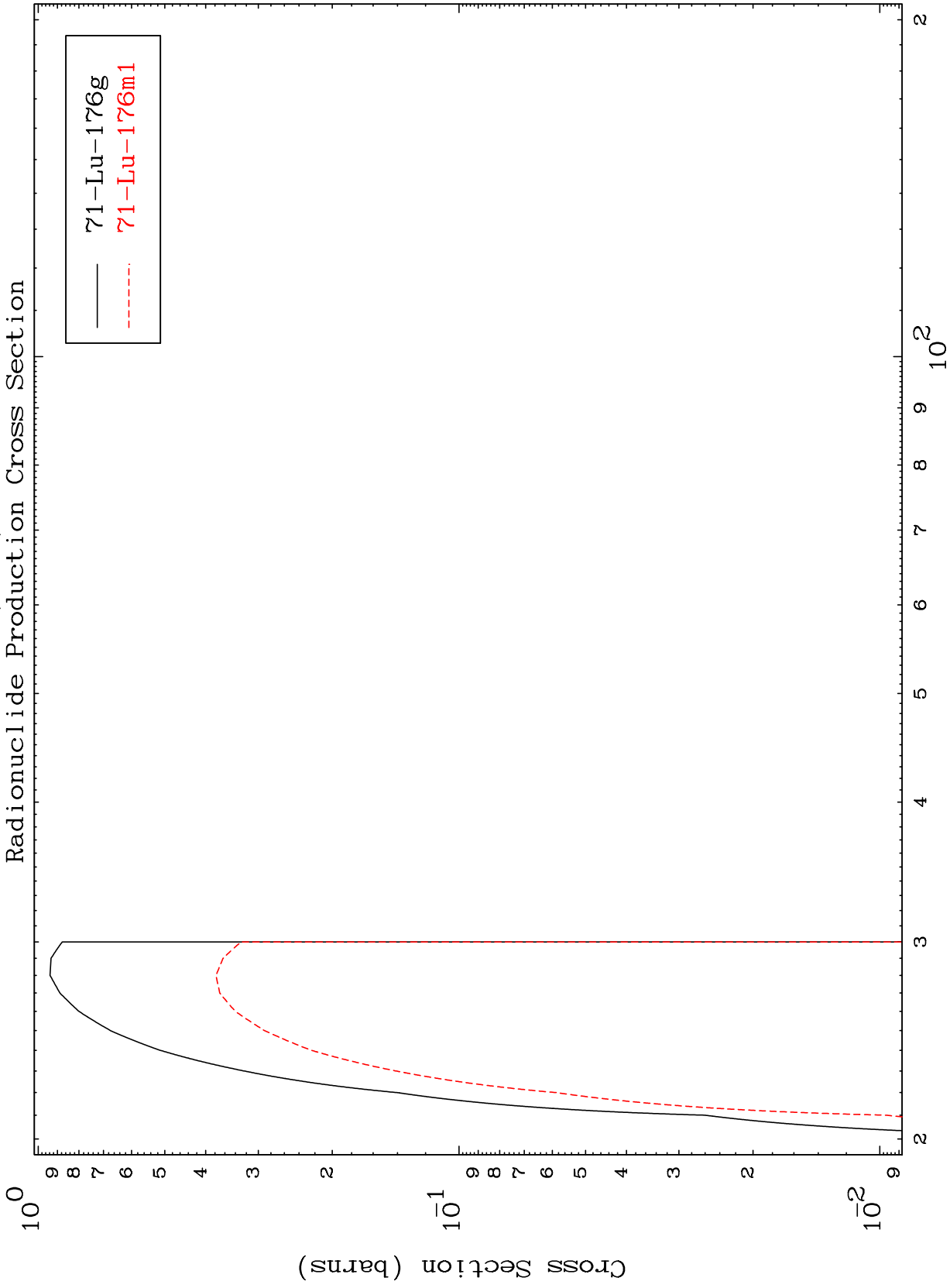
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

(n,4n)
Radionuclide Production Cross Section



141

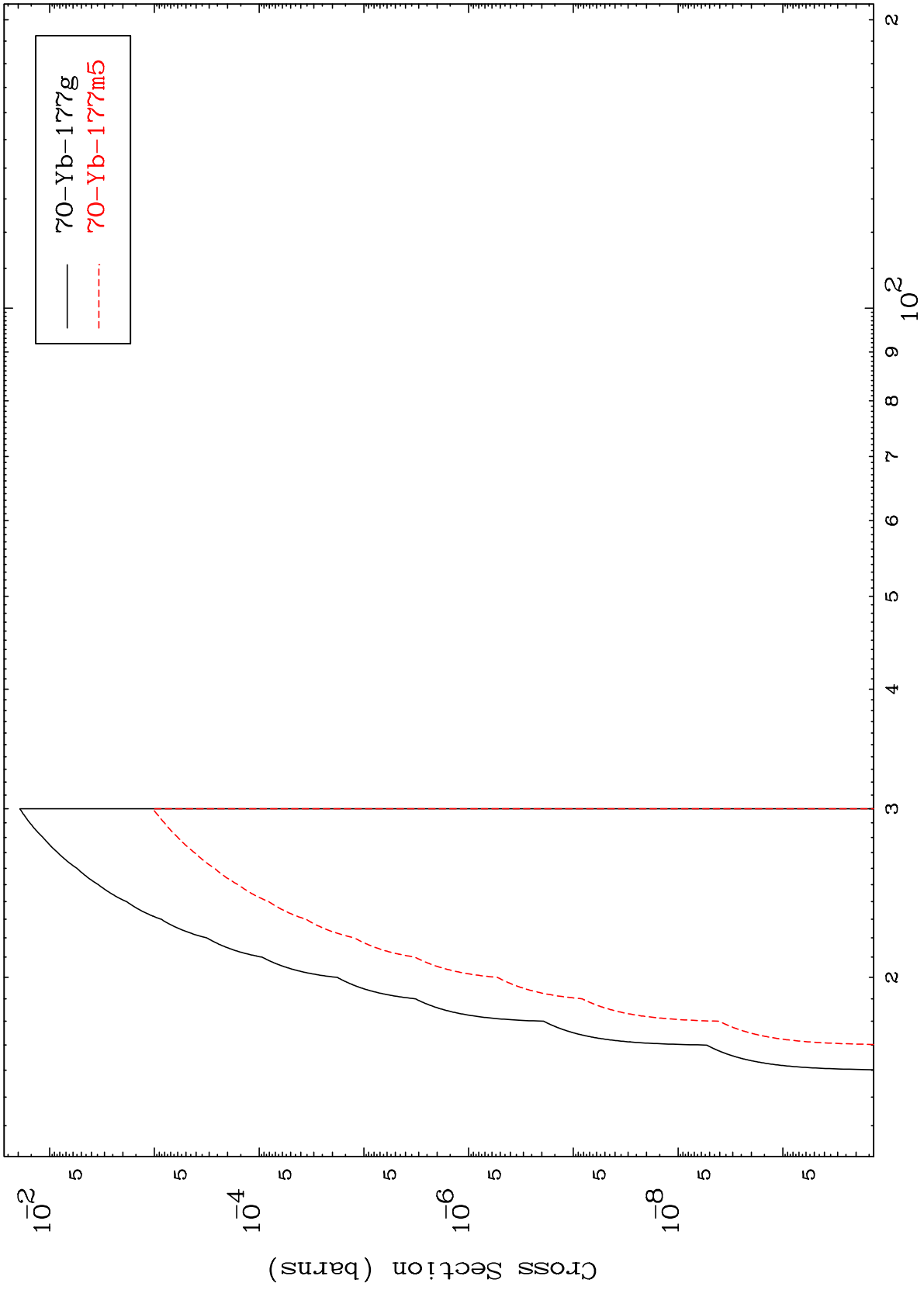
71-Lu-179

MAT 7137

(n,2n) p

71-Lu-179

Radionuclide Production Cross Section



142

Incident Energy (MeV)

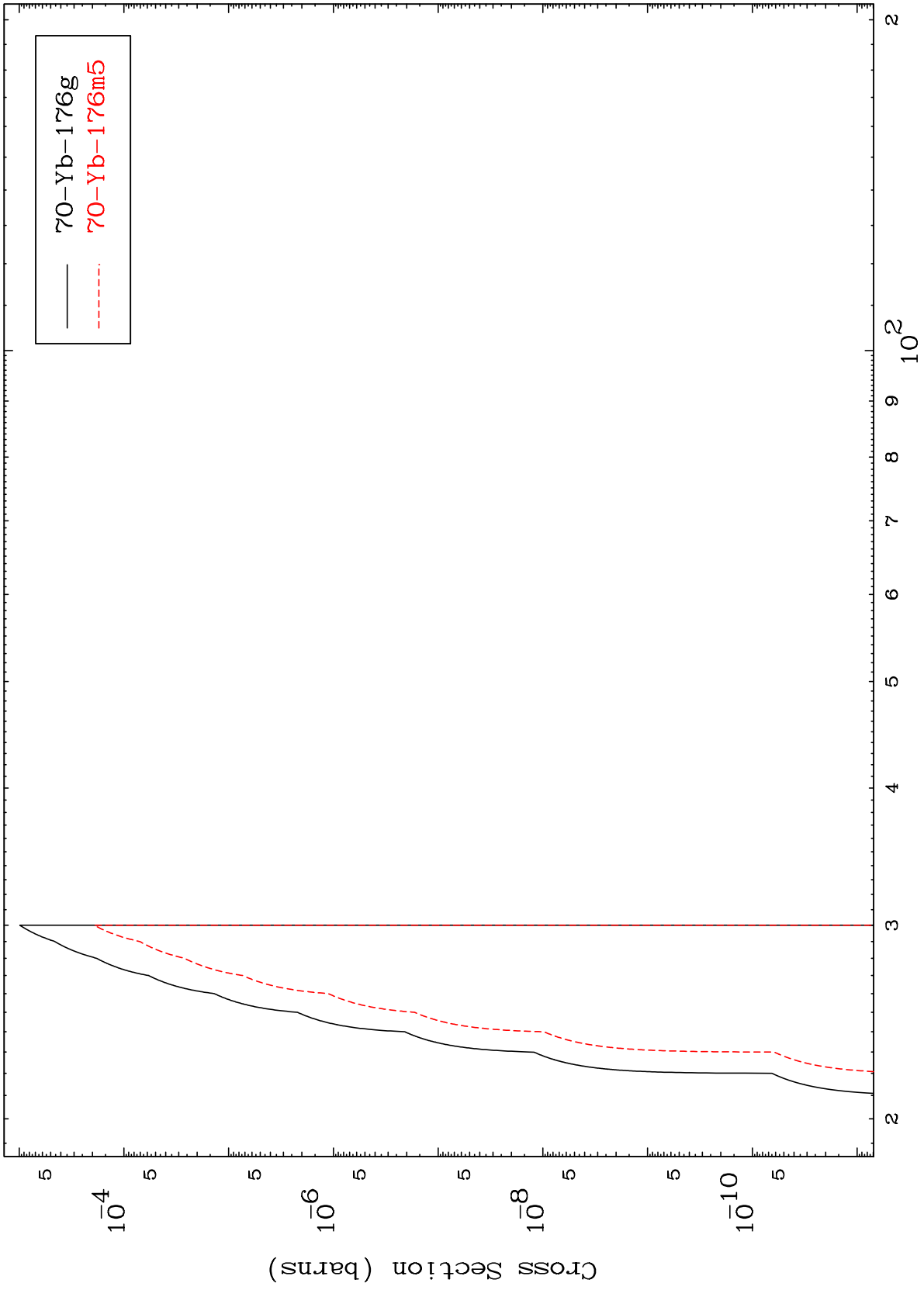
71-Lu-179

MAT 7137

(n,3n) p

71-Lu-179

Radionuclide Production Cross Section



143

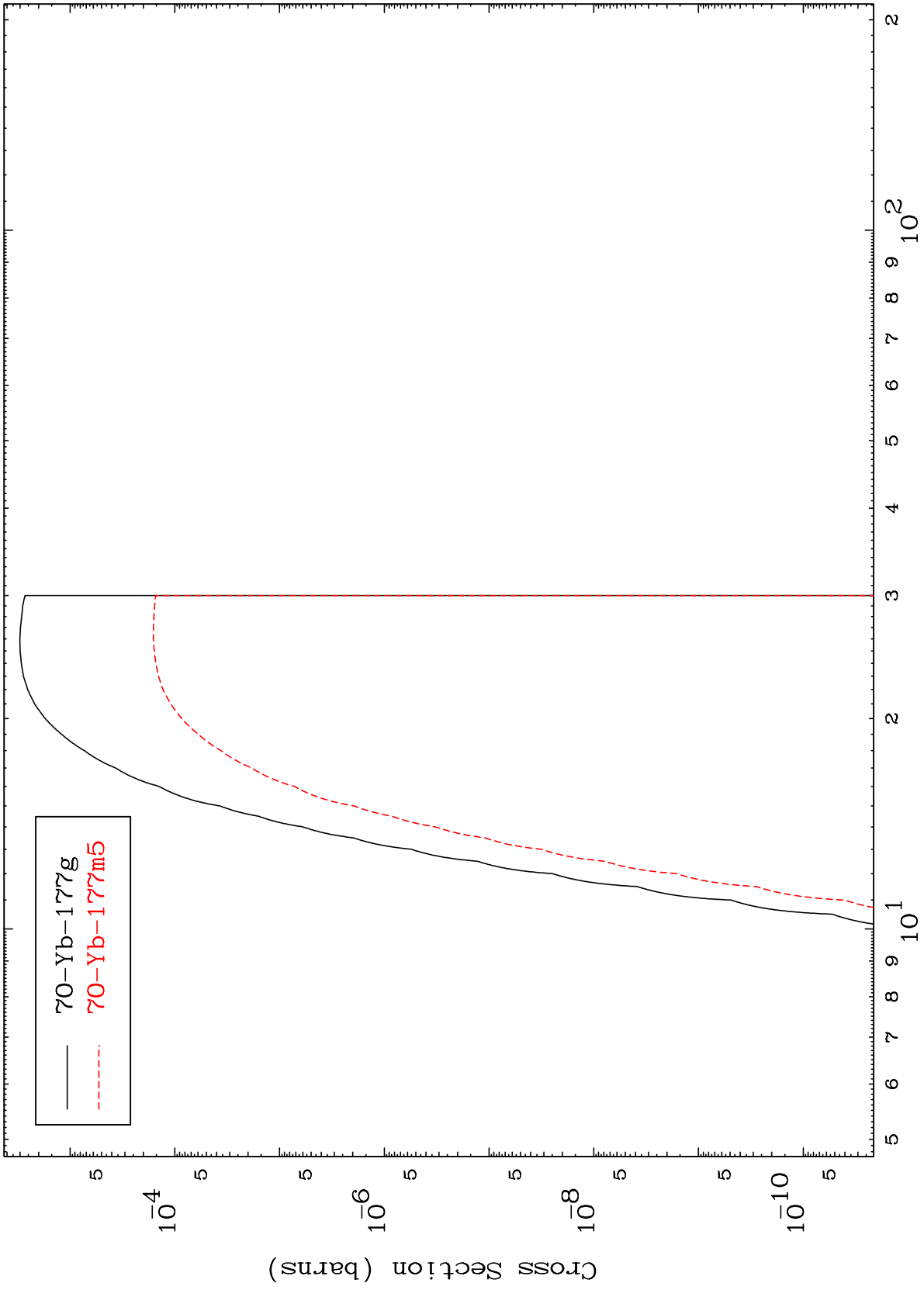
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

(n, t)
Radionuclide Production Cross Section



144

71-Lu-179