

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

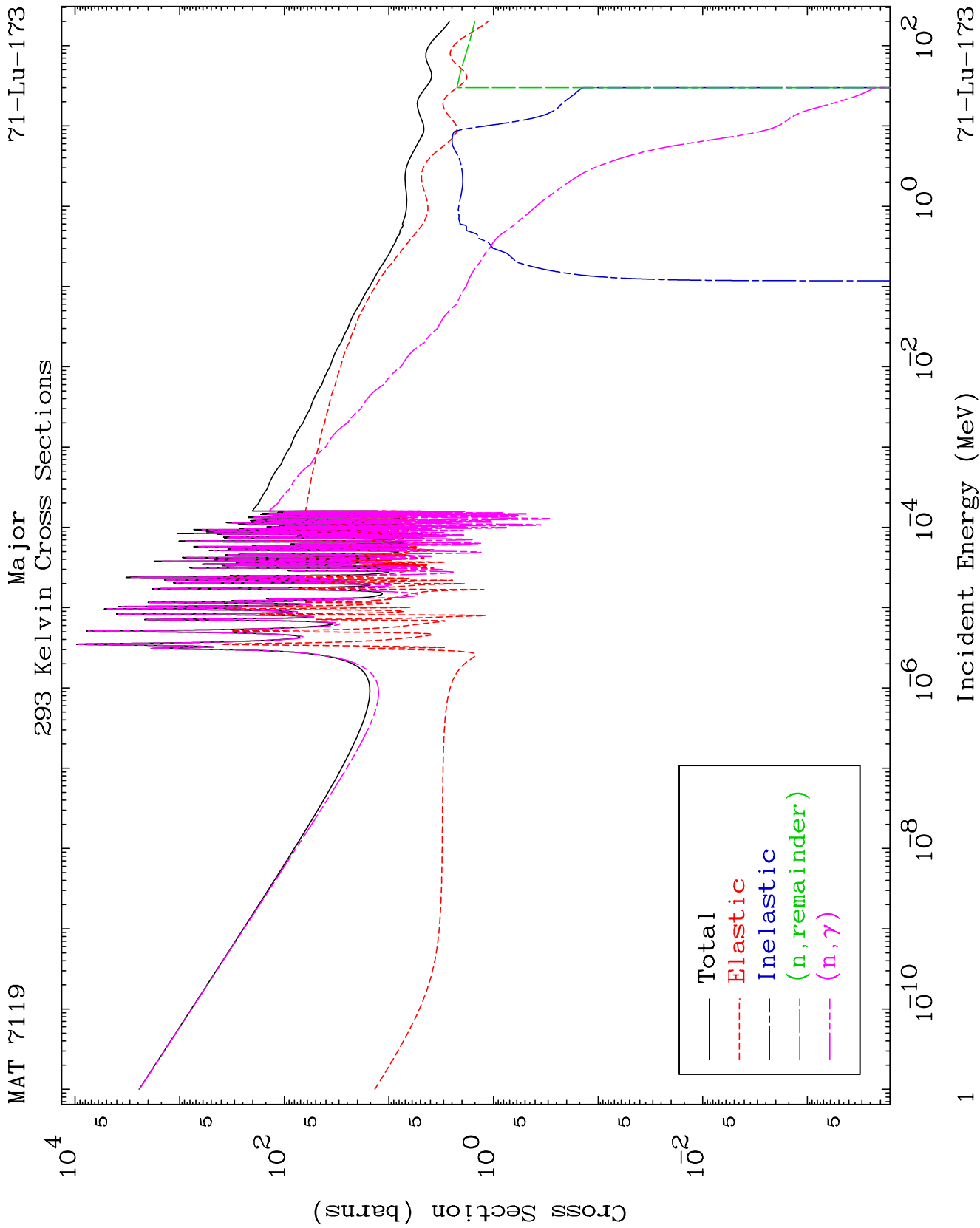
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

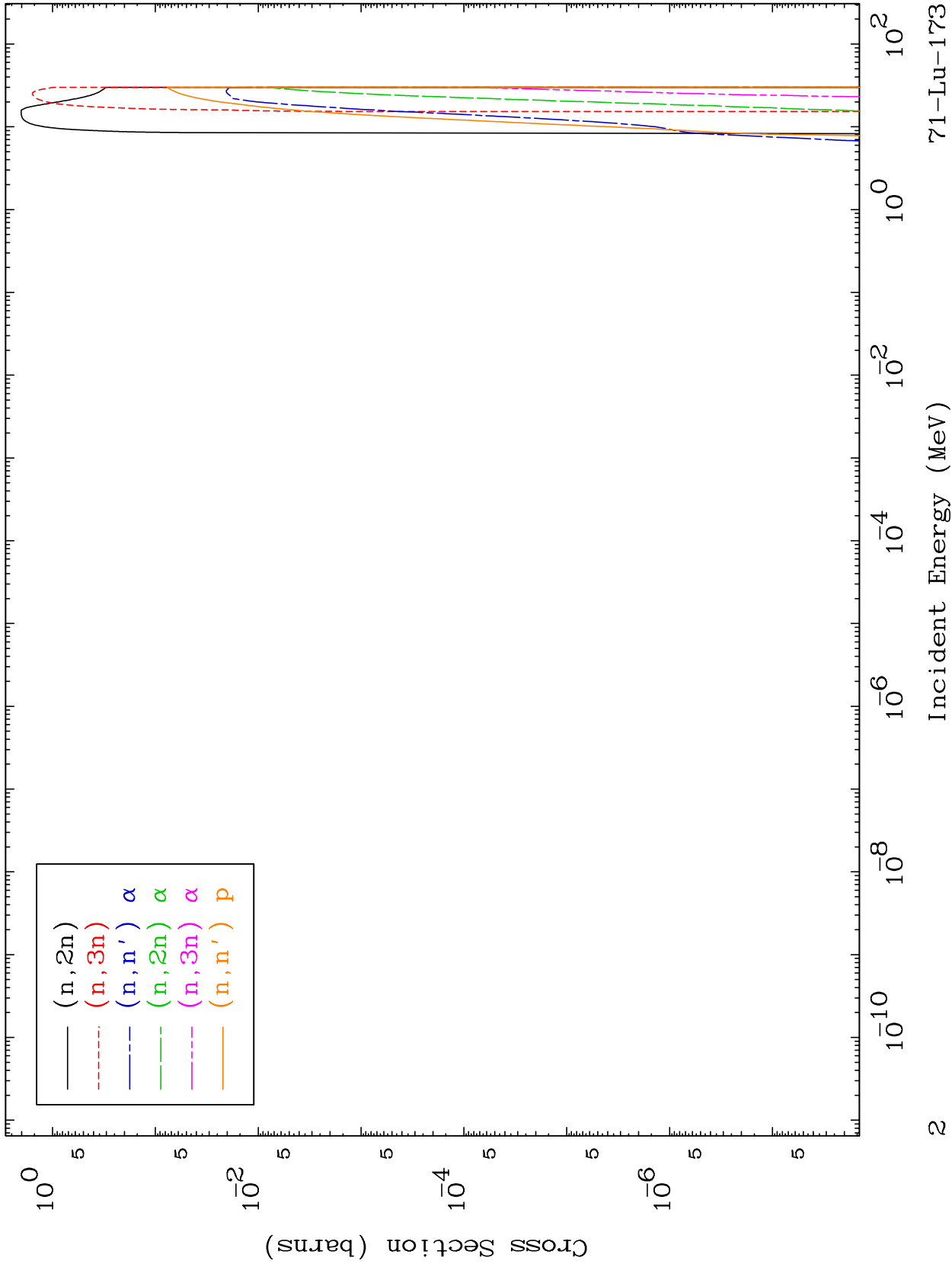
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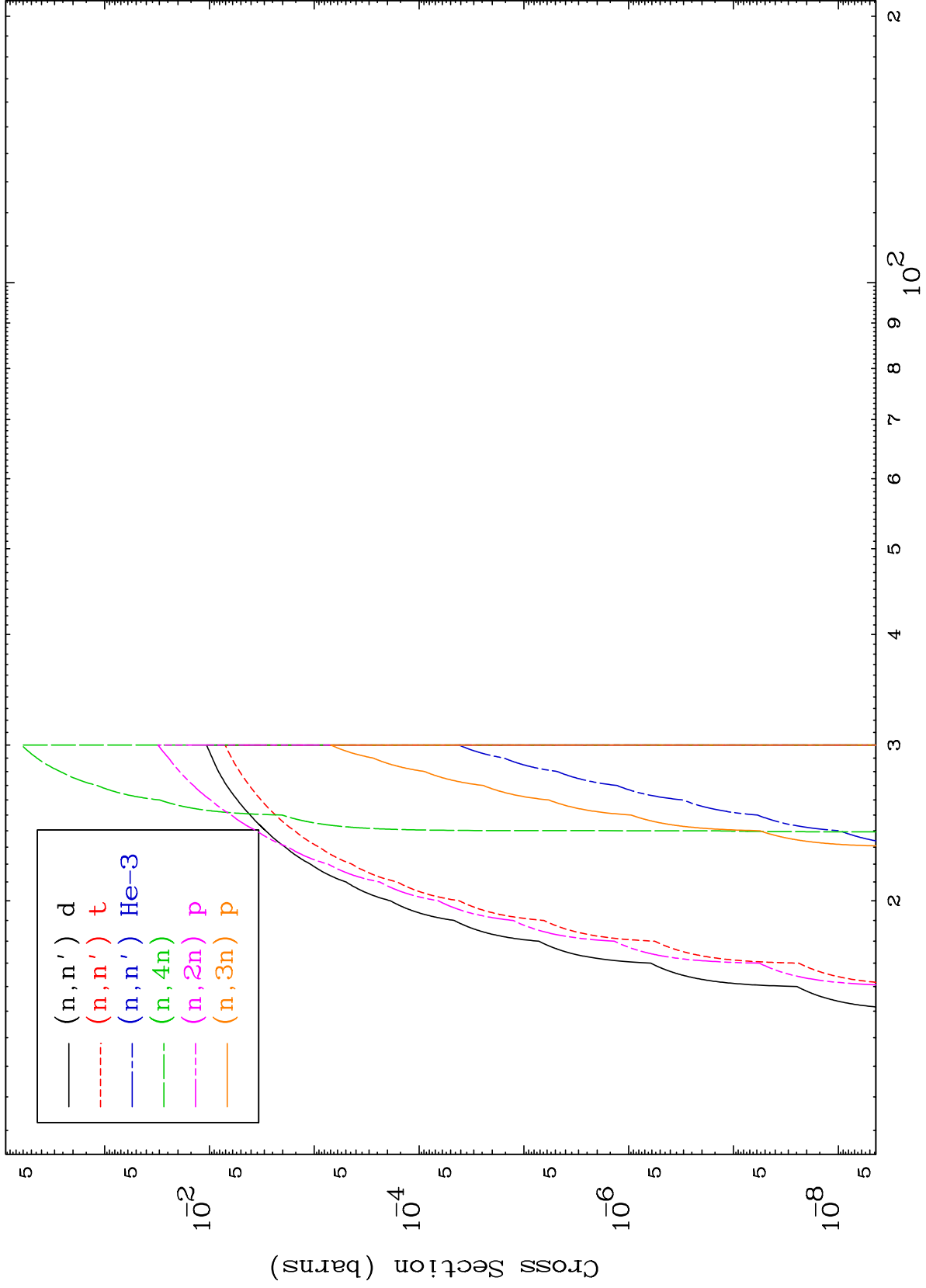


MAT 7119

Neutron Production
293 Kelvin Cross Sections

71-Lu-173

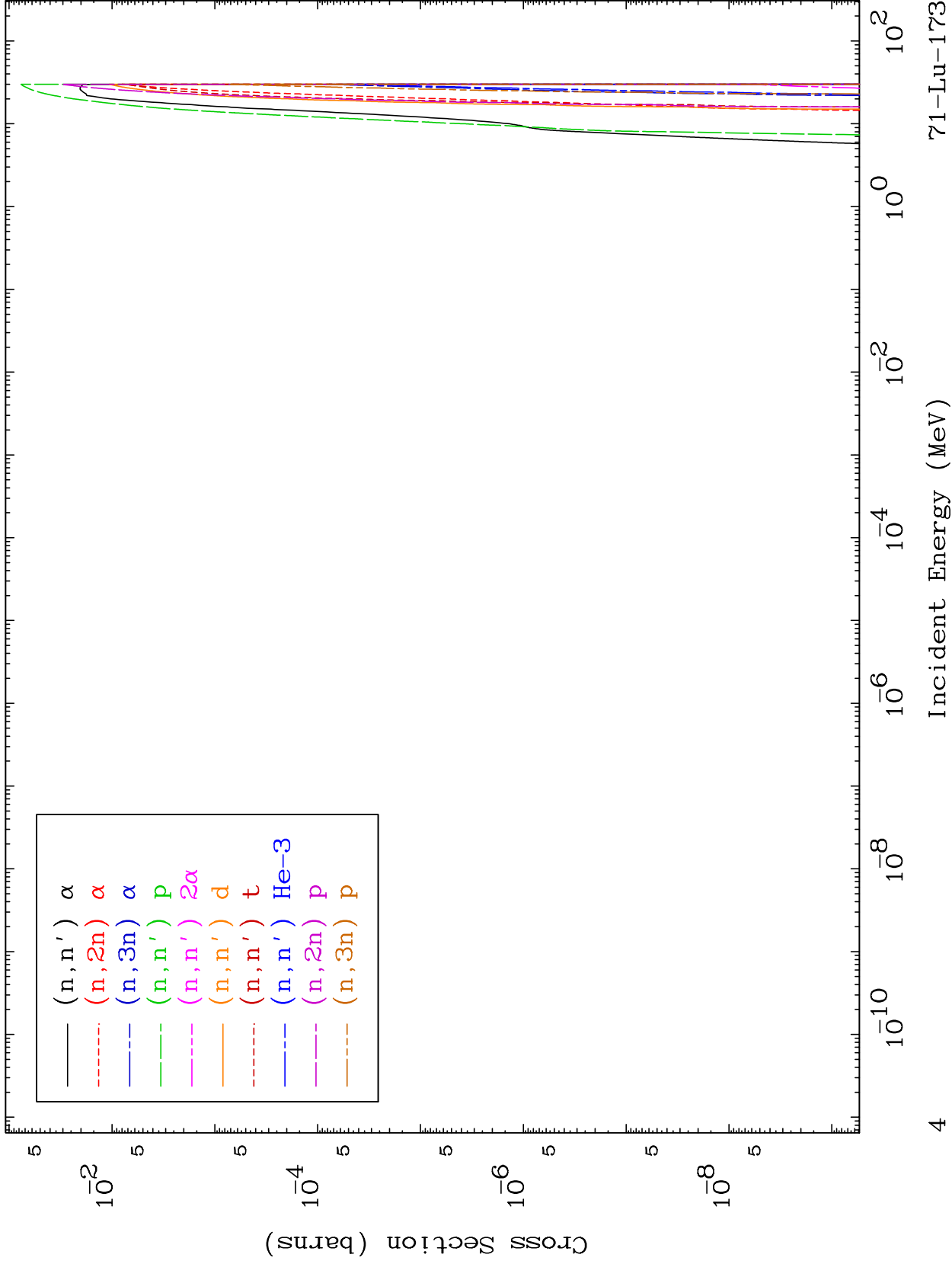




MAT 7119

Charged Particle
293 Kelvin Cross Sections

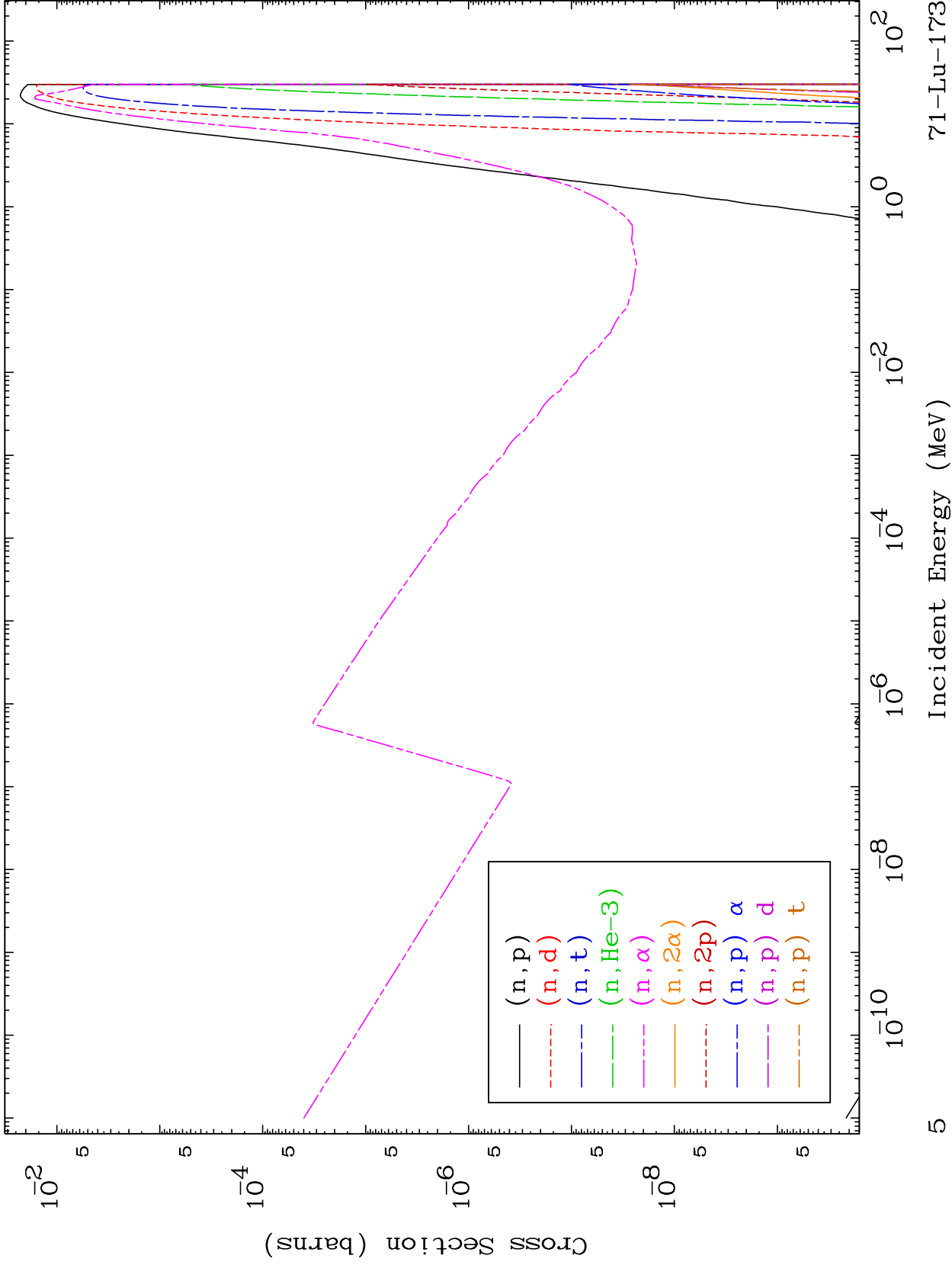
71-Lu-173



MAT 7119

Charged Particle
293 Kelvin Cross Sections

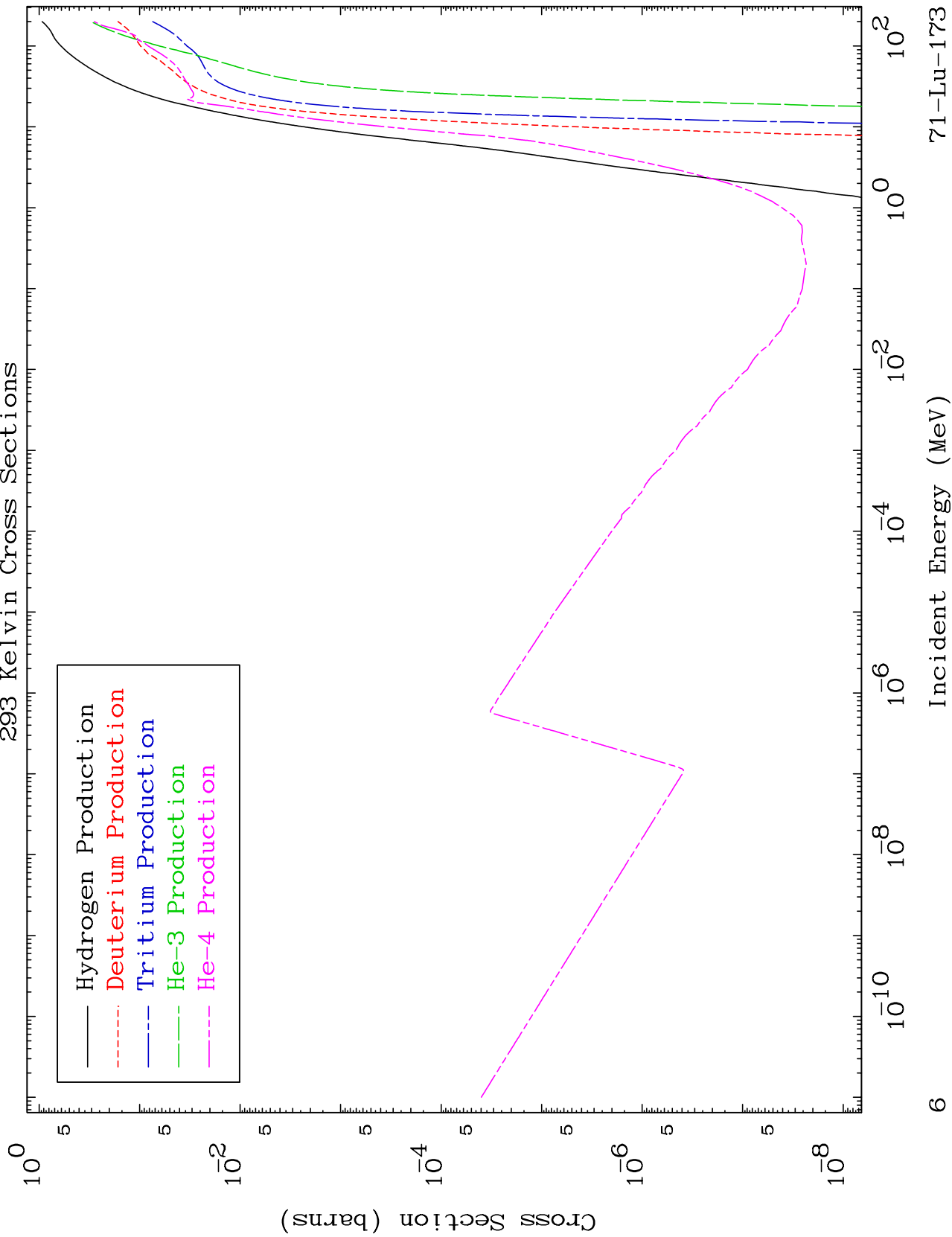
71-Lu-173



MAT 7119

Particle Production
293 Kelvin Cross Sections

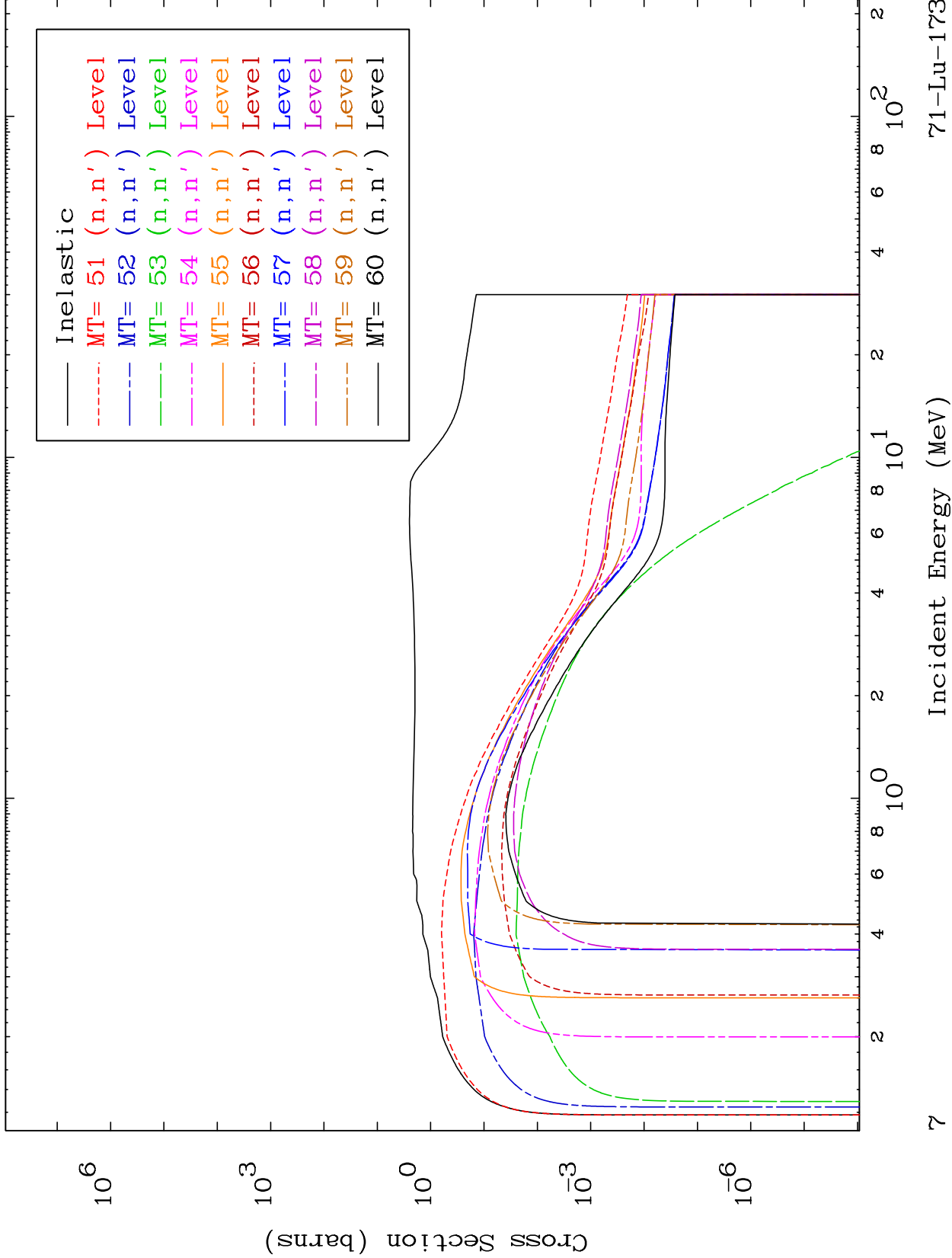
71-Lu-173



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71-Lu-173

293 Kelvin Cross Sections

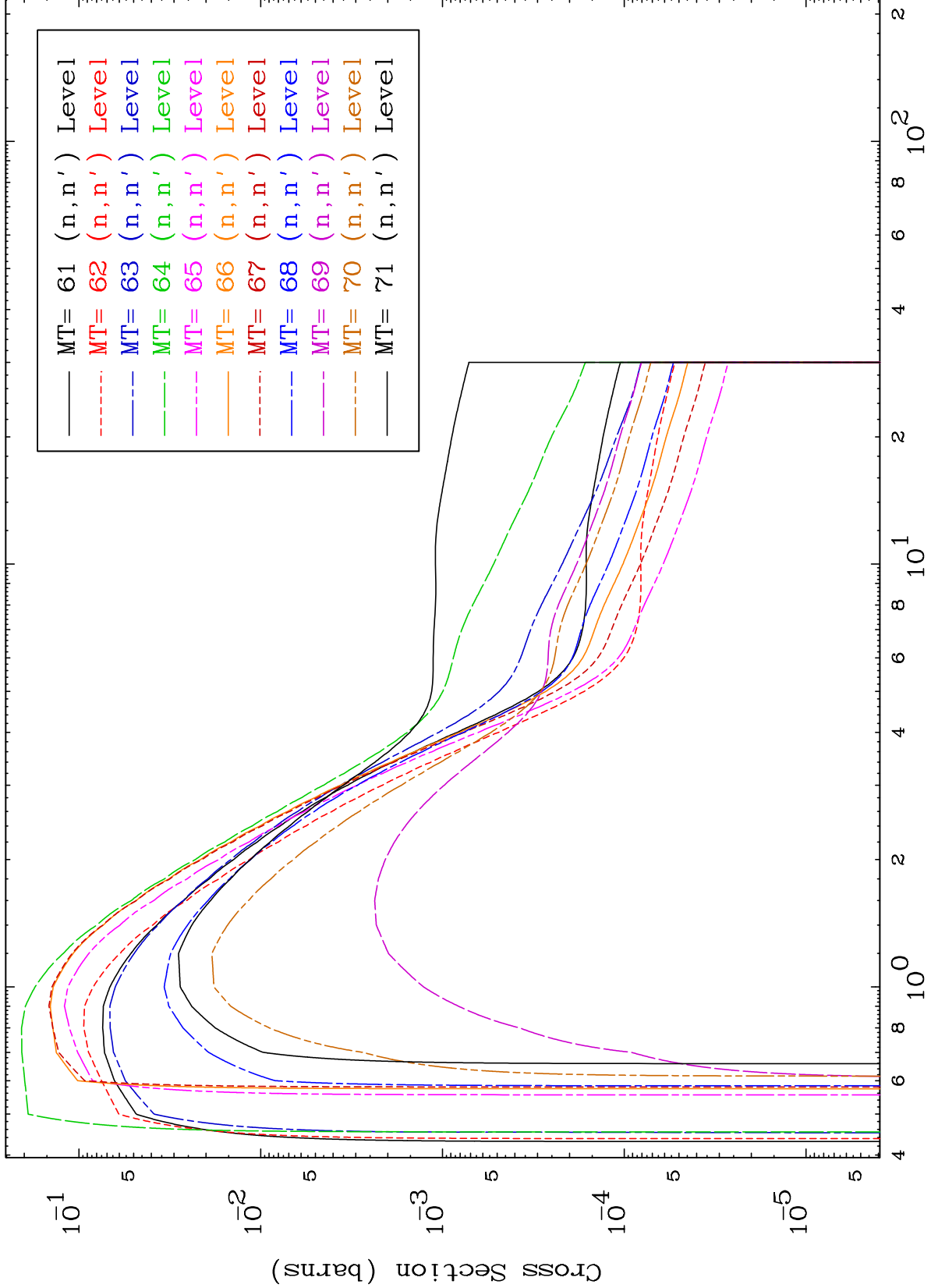


MAT 7119

(n,n') Level

71-Lu-173

293 Kelvin Cross Sections



Incident Energy (MeV)

71-Lu-173

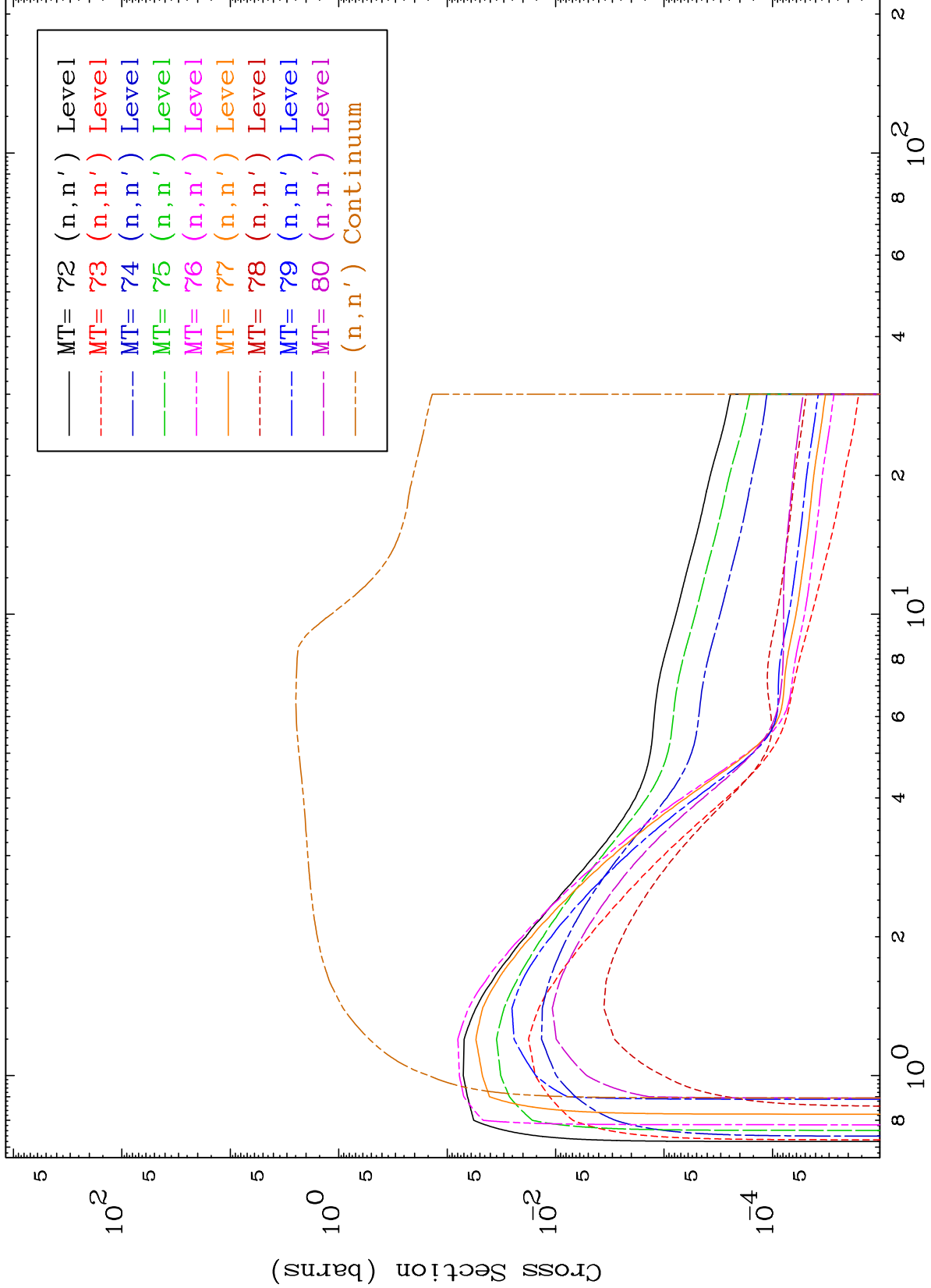
8

MAT 7119

(n,n') Level

71-Lu-173

293 Kelvin Cross Sections



9

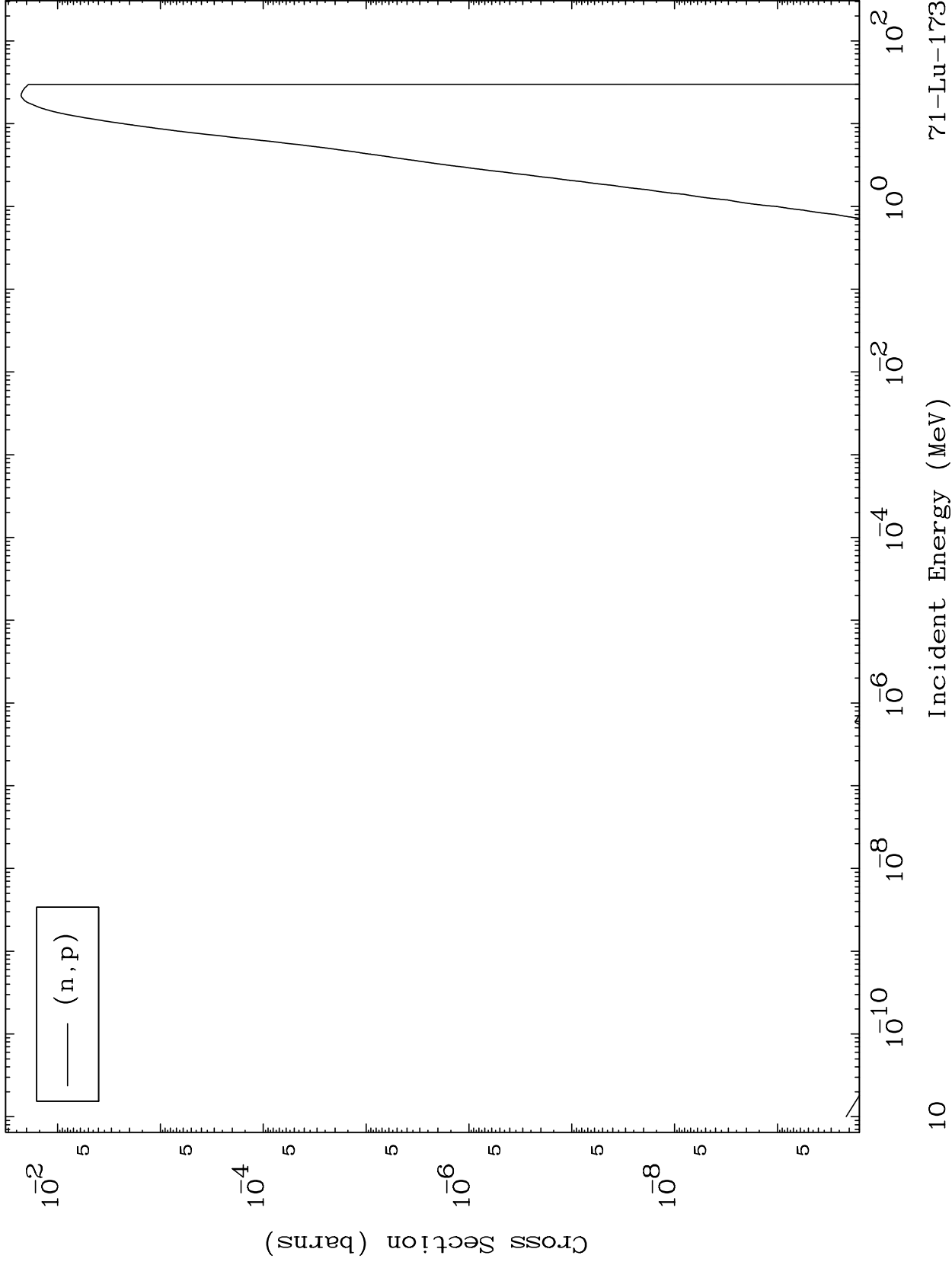
Incident Energy (MeV)

71-Lu-173

MAT 7119

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-173



10

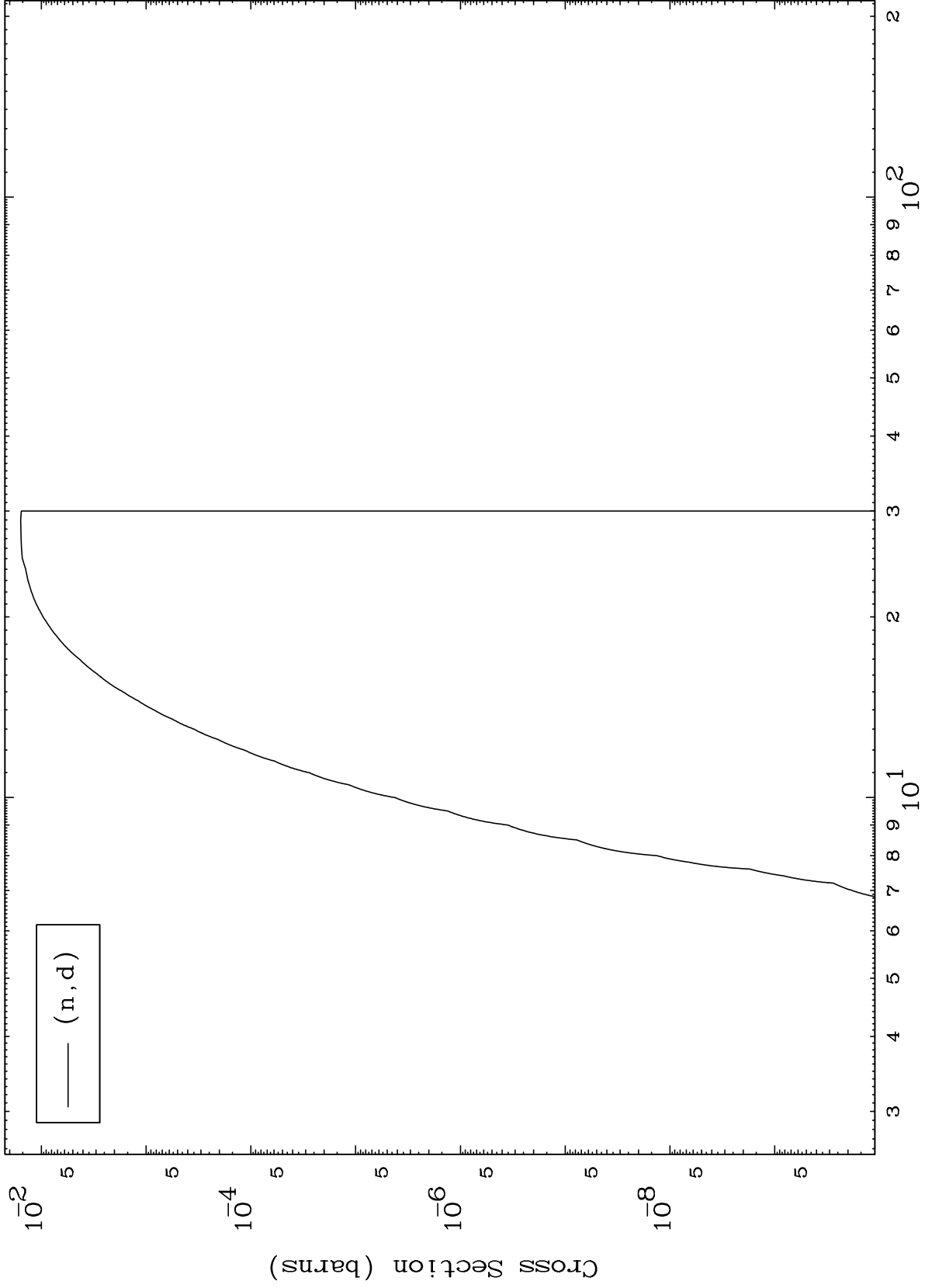
Incident Energy (MeV)

71-Lu-173

MAT 7119

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-173



11

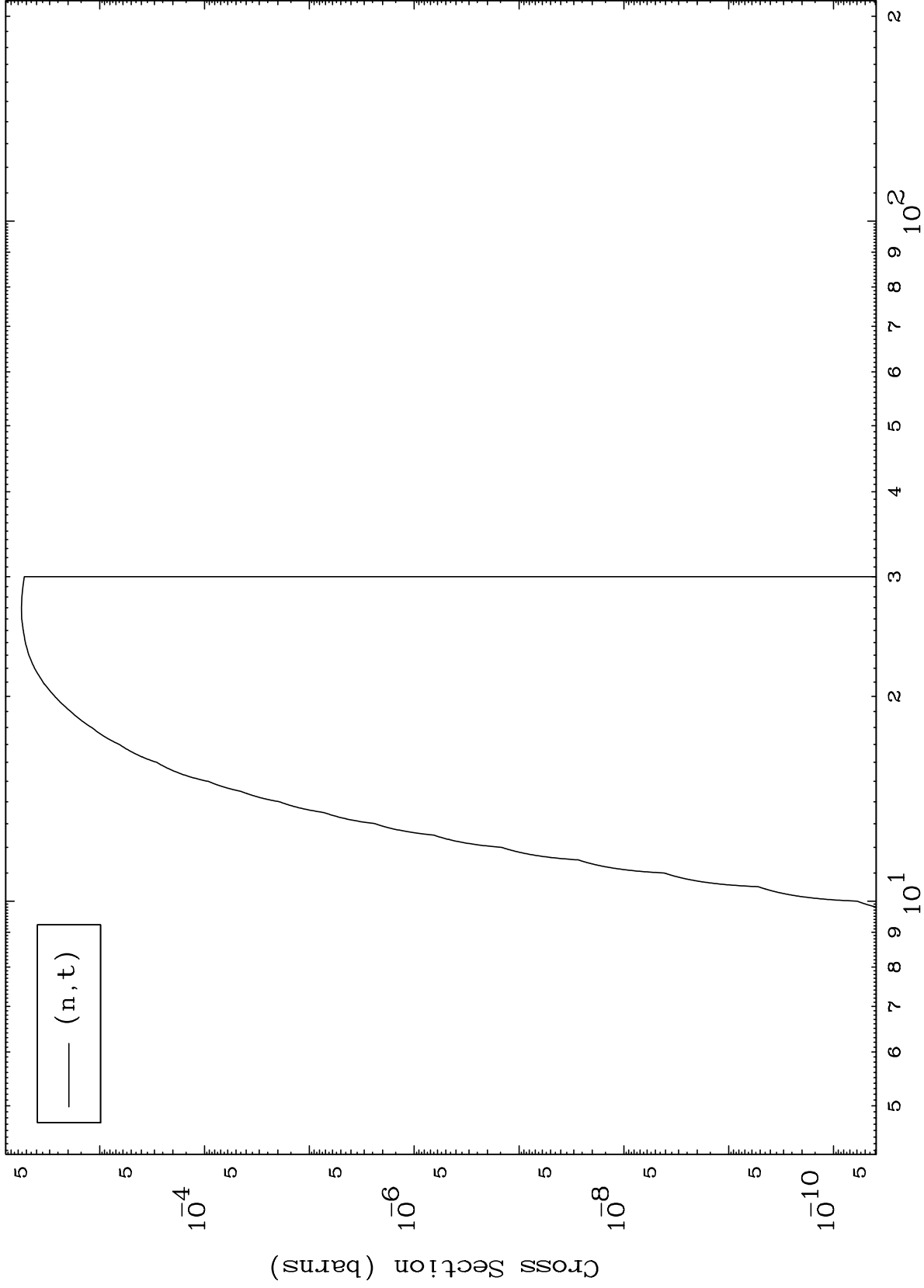
Incident Energy (MeV)

71-Lu-173

MAT 7119

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-173



12

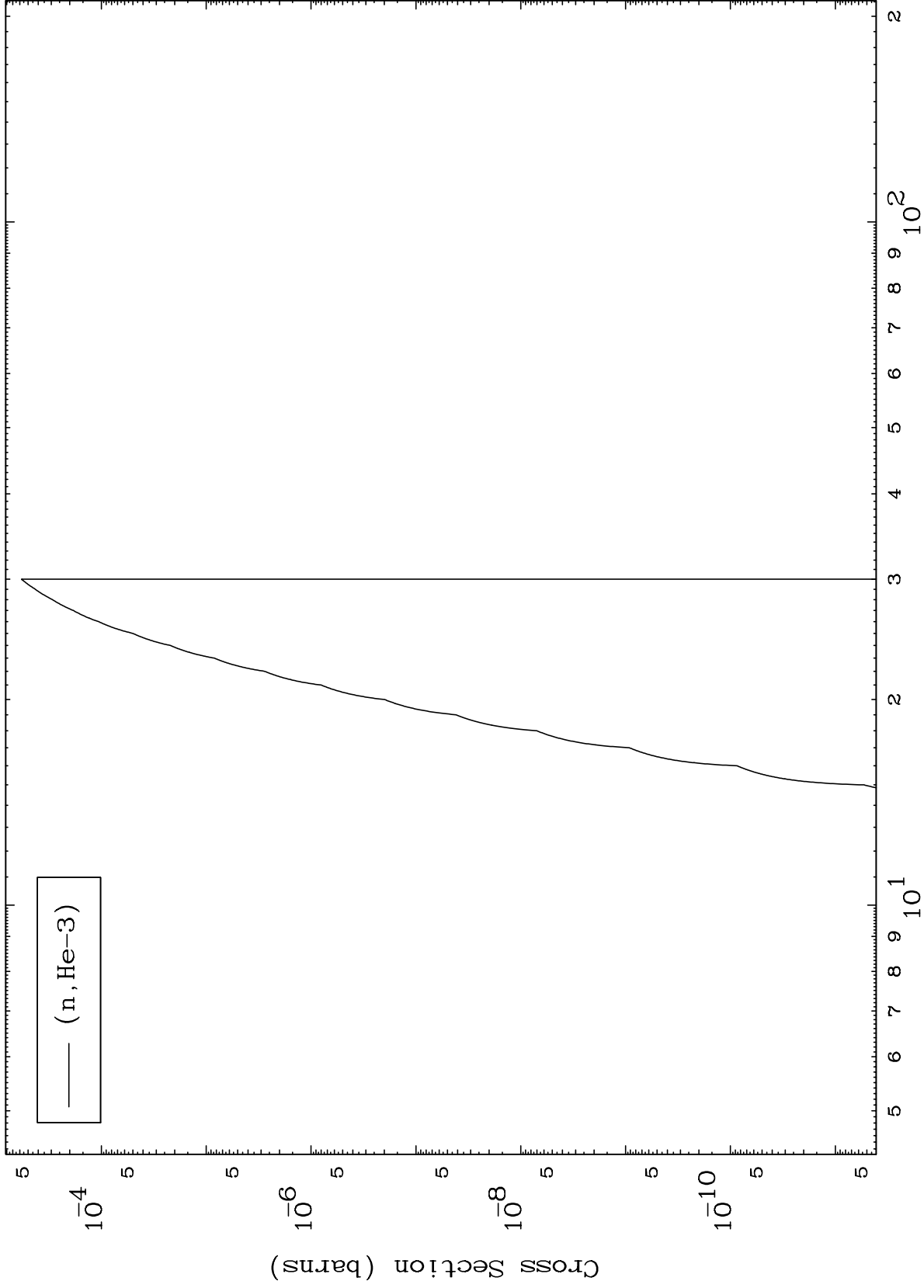
Incident Energy (MeV)

71-Lu-173

MAT 7119

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-173



13

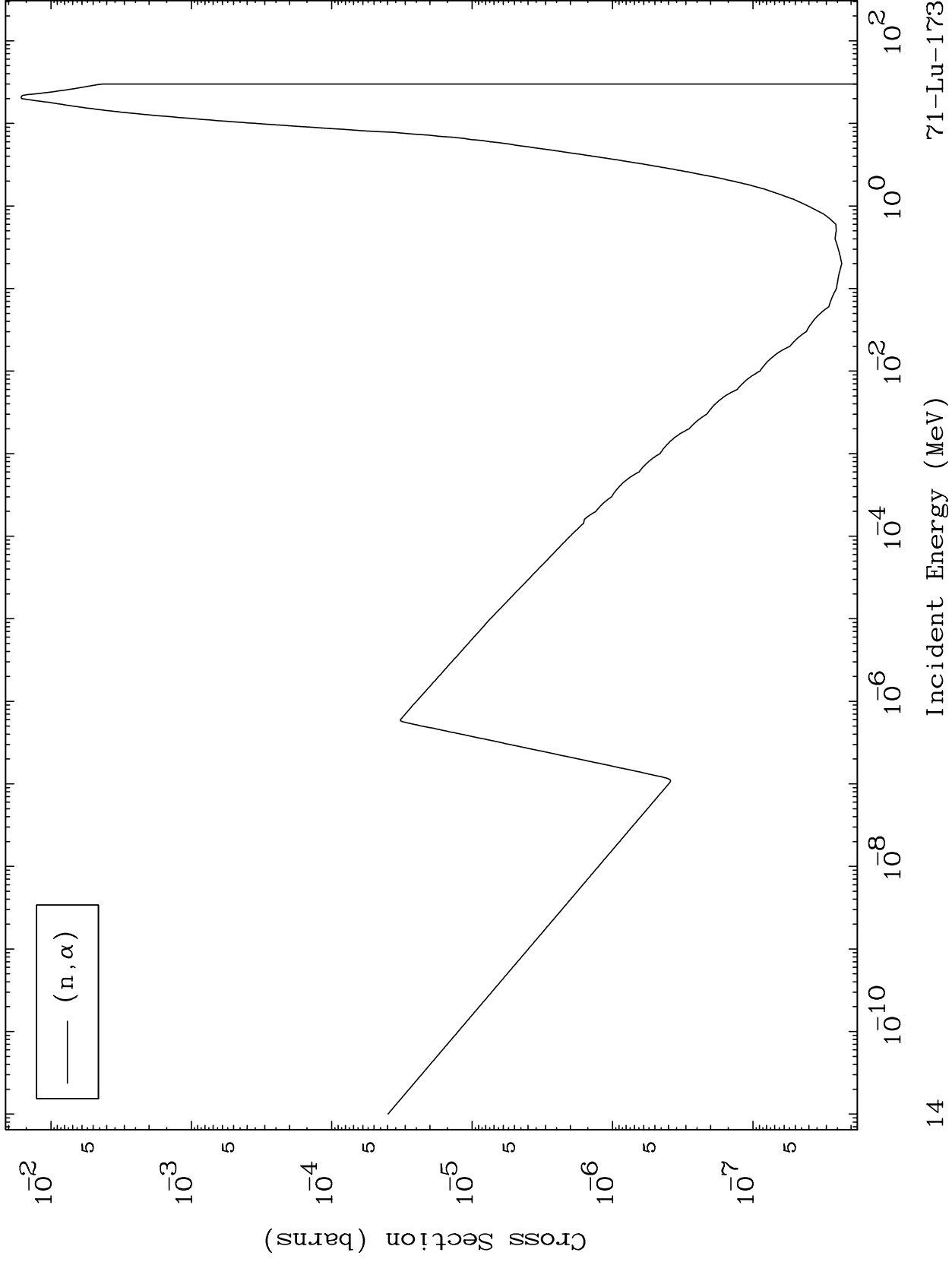
Incident Energy (MeV)

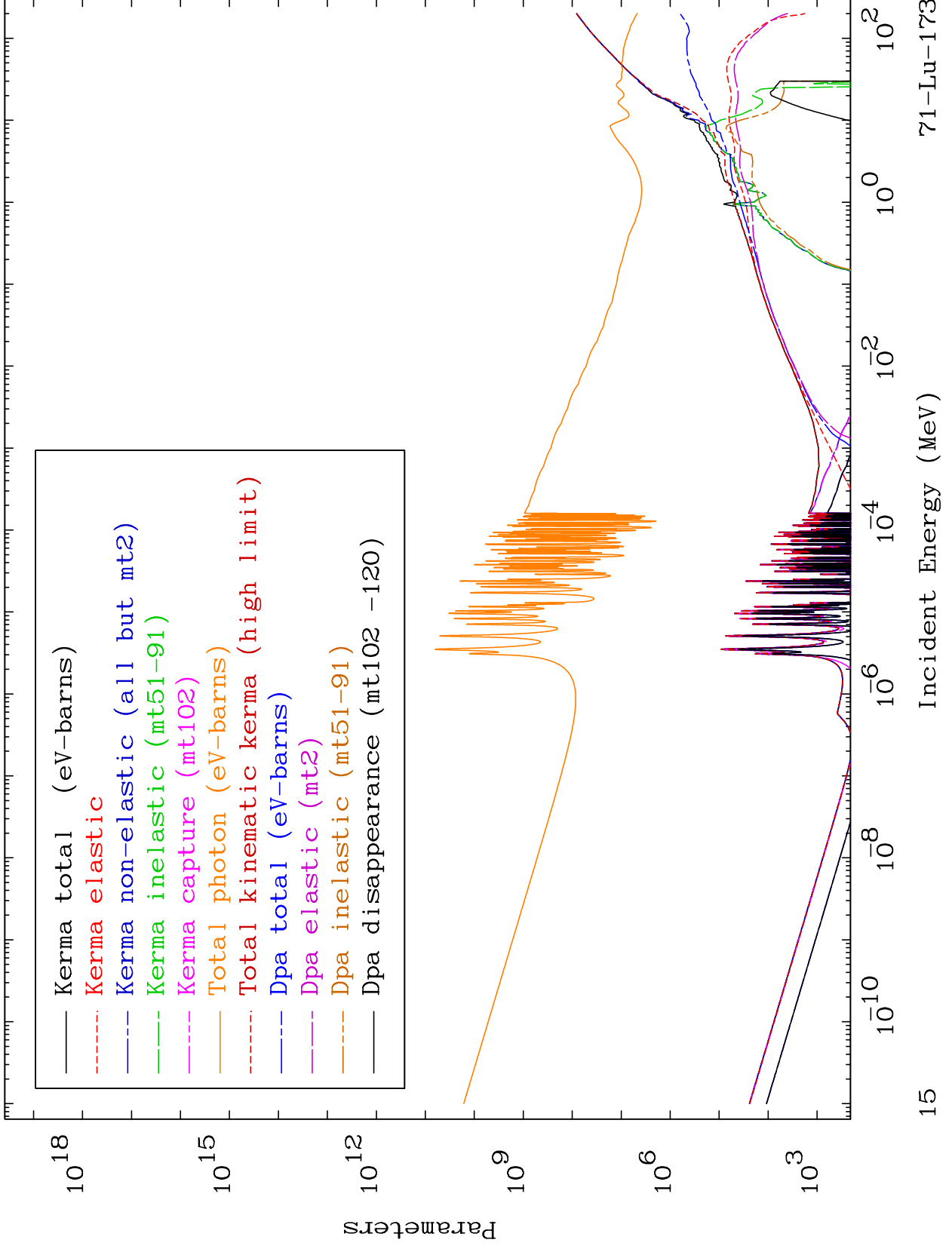
71-Lu-173

MAT 7119

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-173

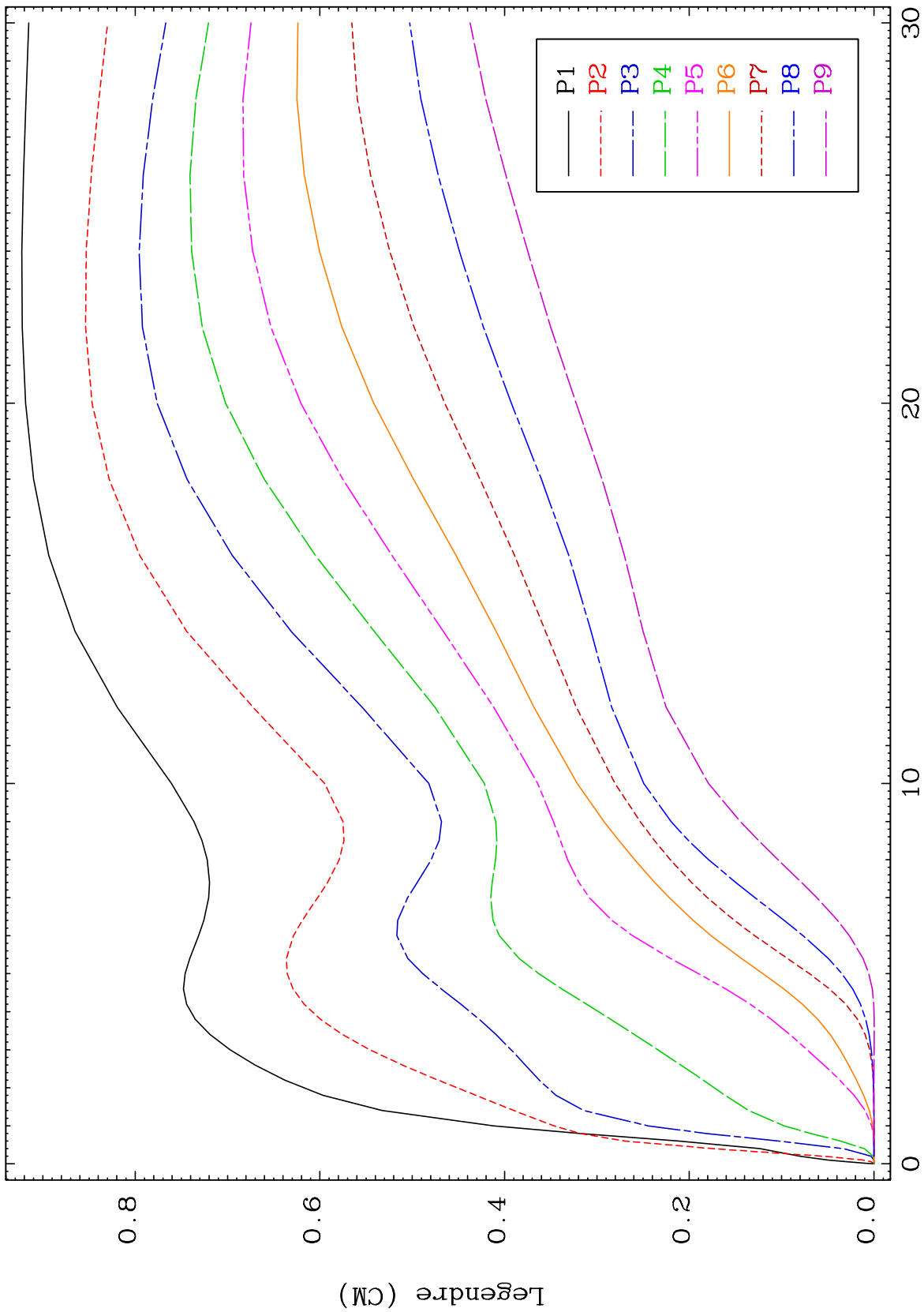




MAT 7119

71-Lu-173

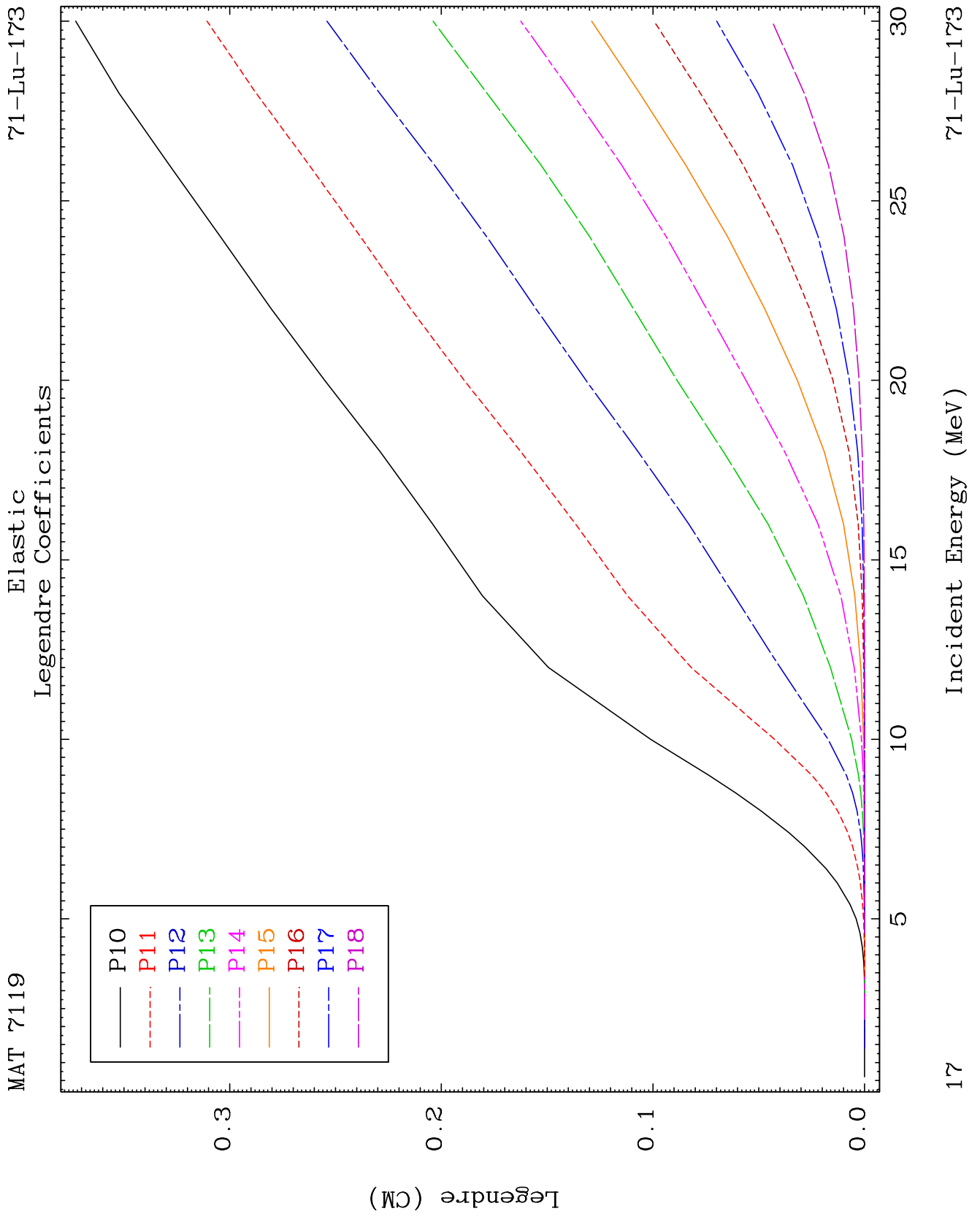
Elastic Legendre Coefficients



71-Lu-173

Incident Energy (MeV)

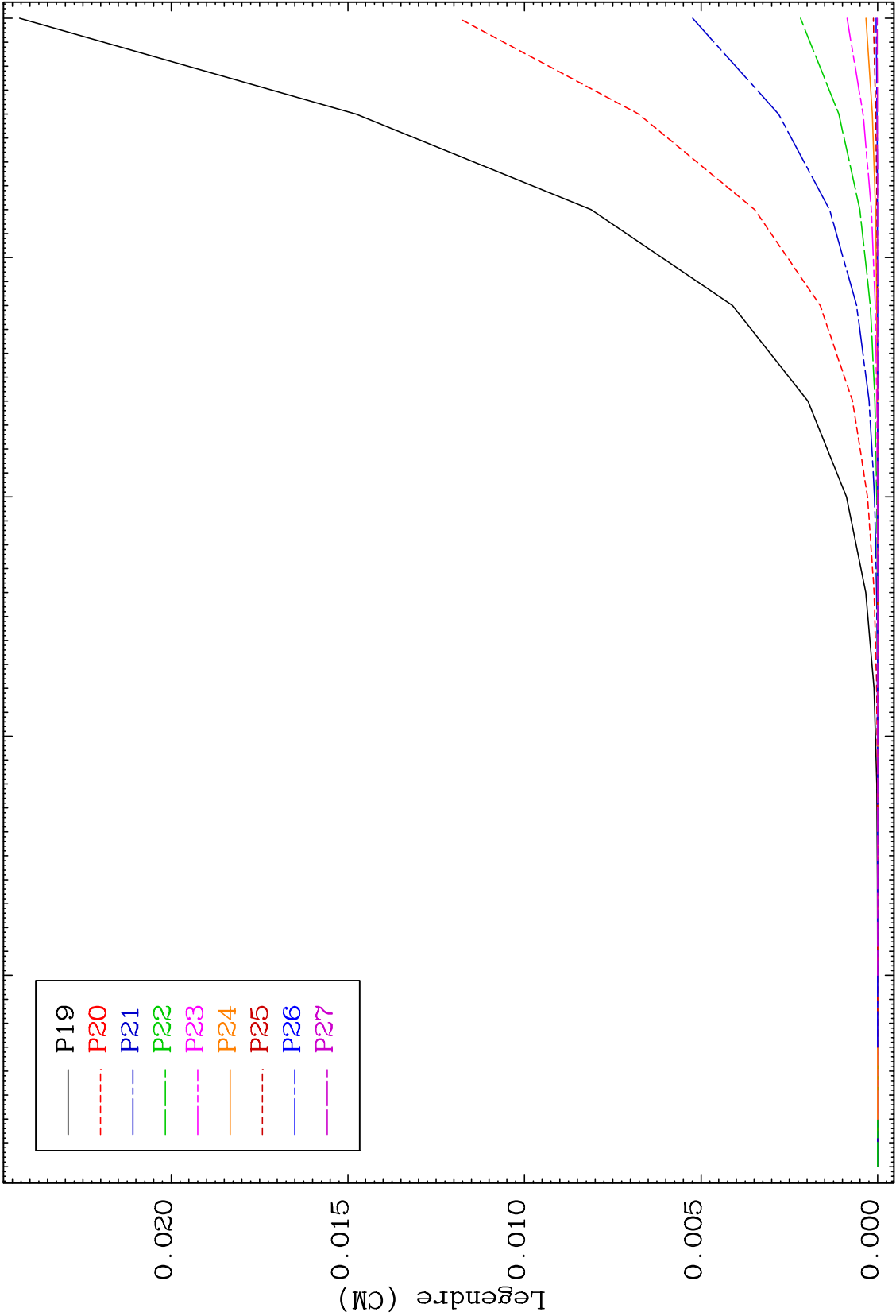
16



MAT 7119

Elastic Legendre Coefficients

71-Lu-173



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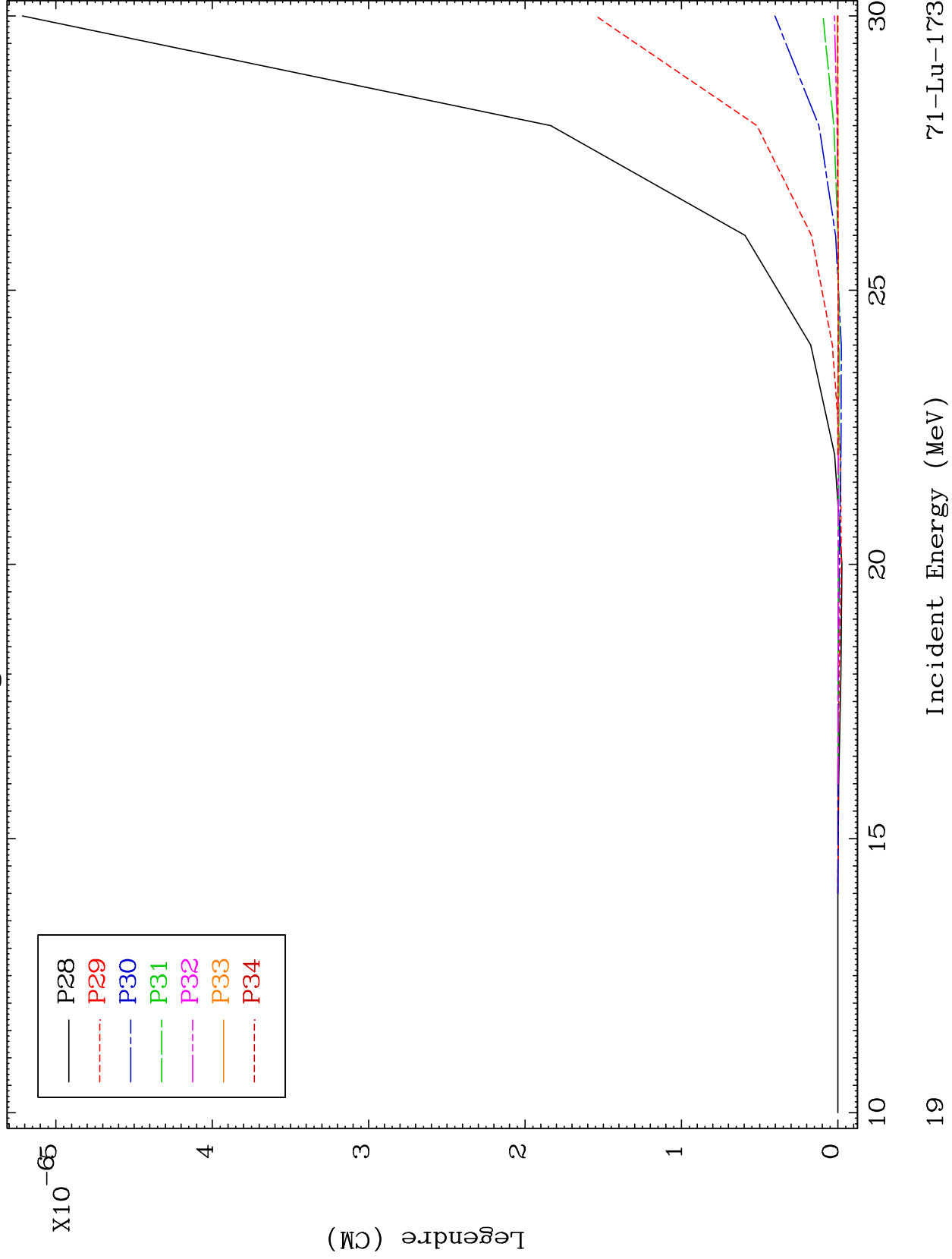
Incident Energy (MeV)

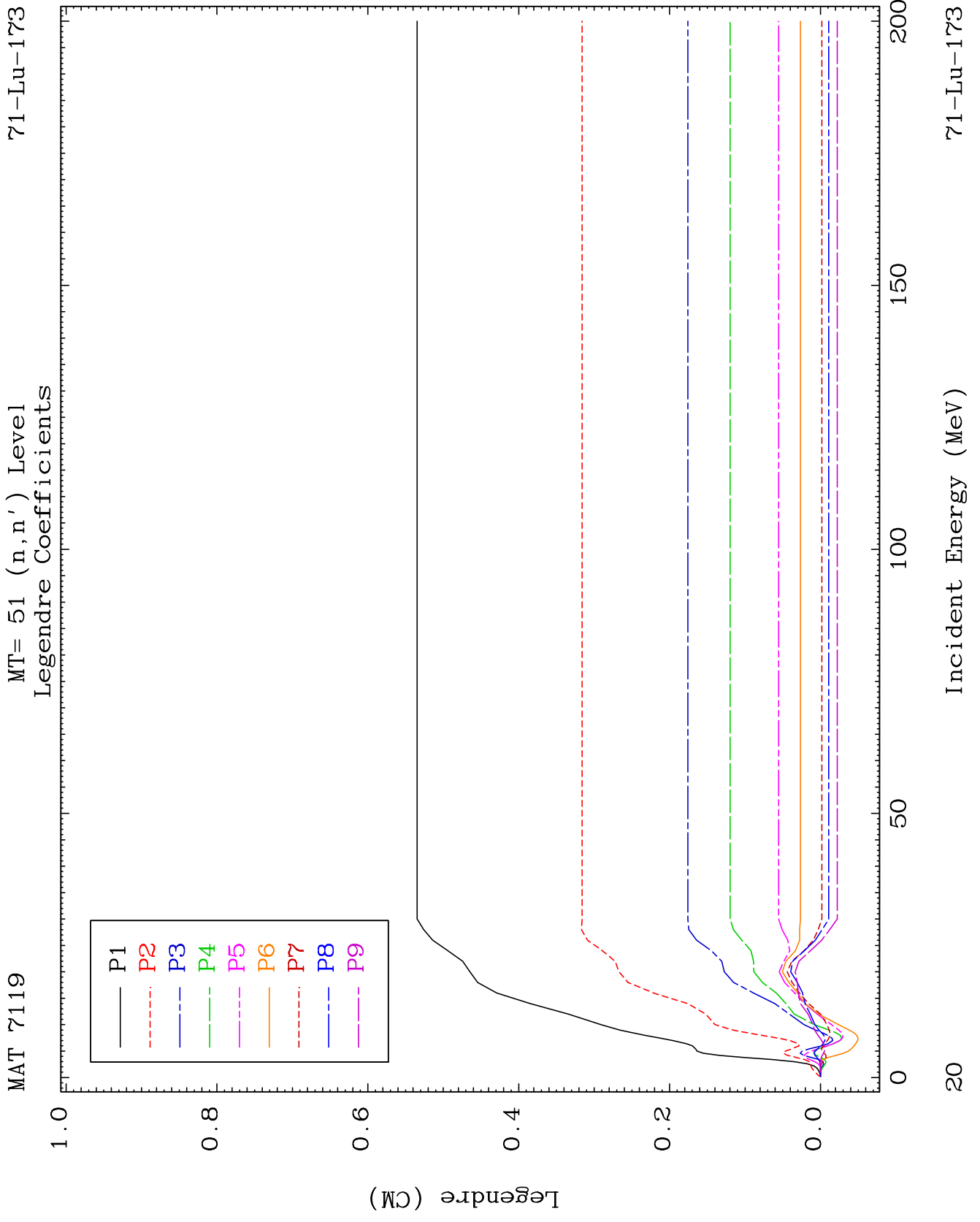
71-Lu-173

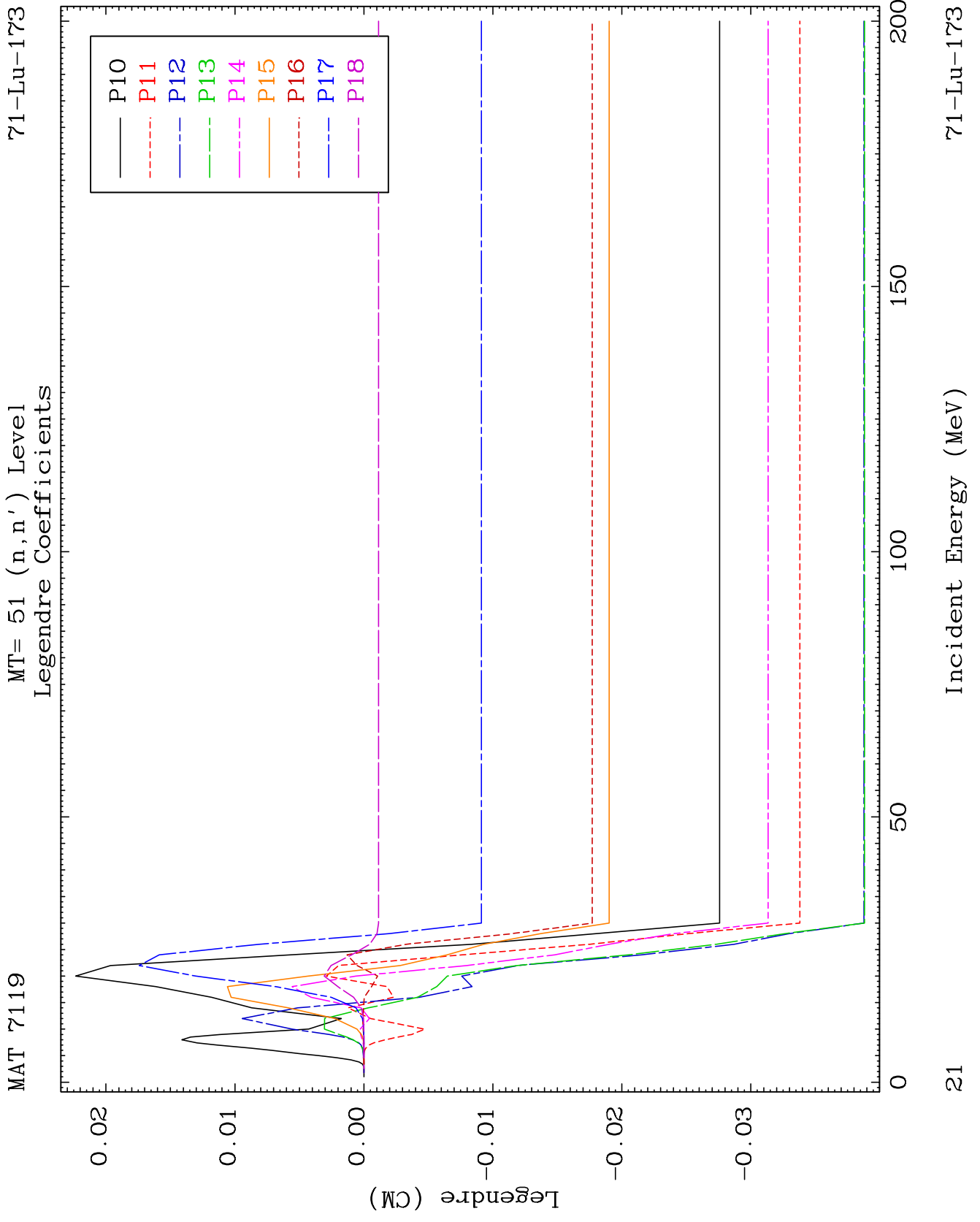
MAT 7119

Elastic Legendre Coefficients

71-Lu-173



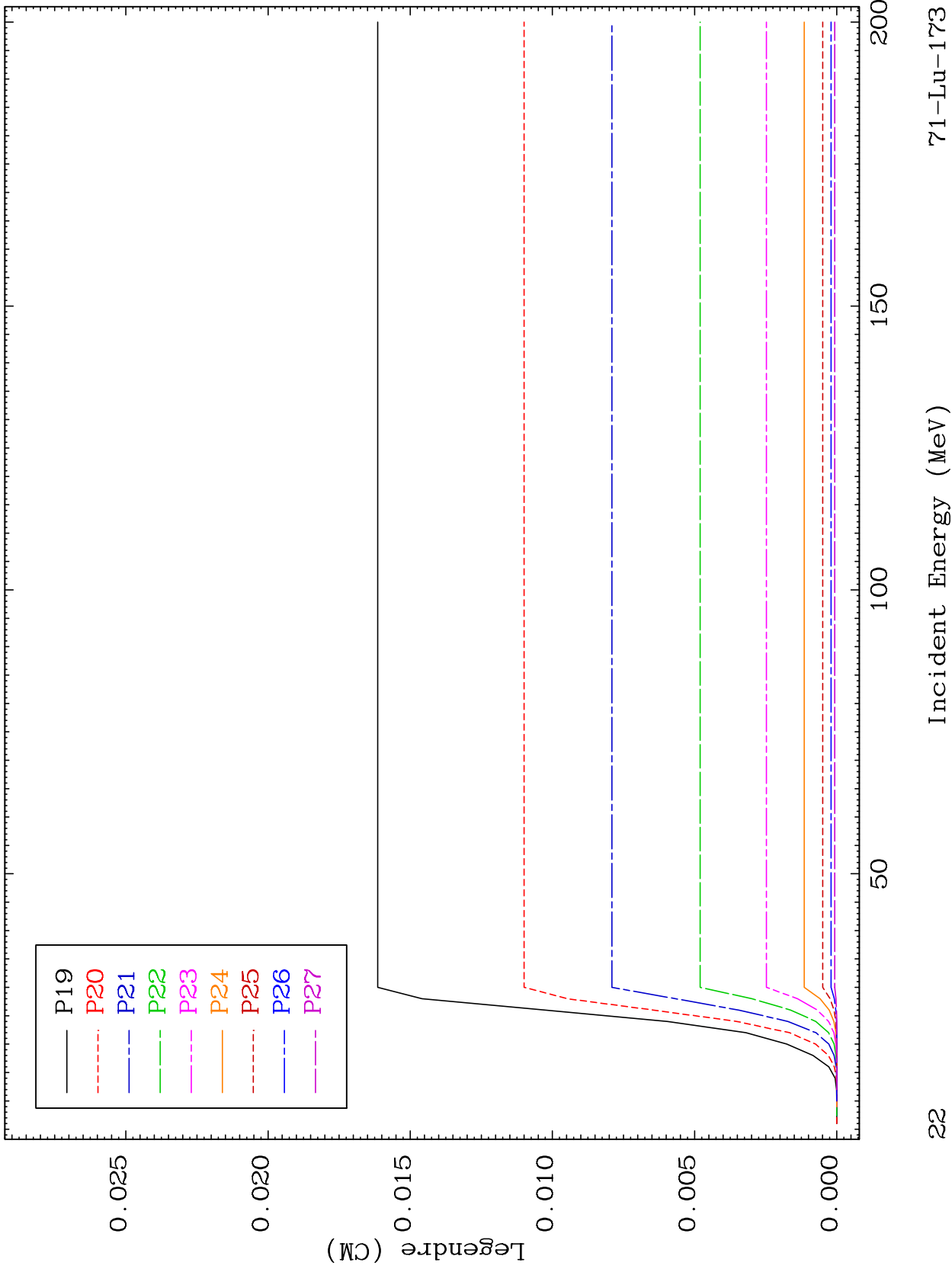




MAT 7119

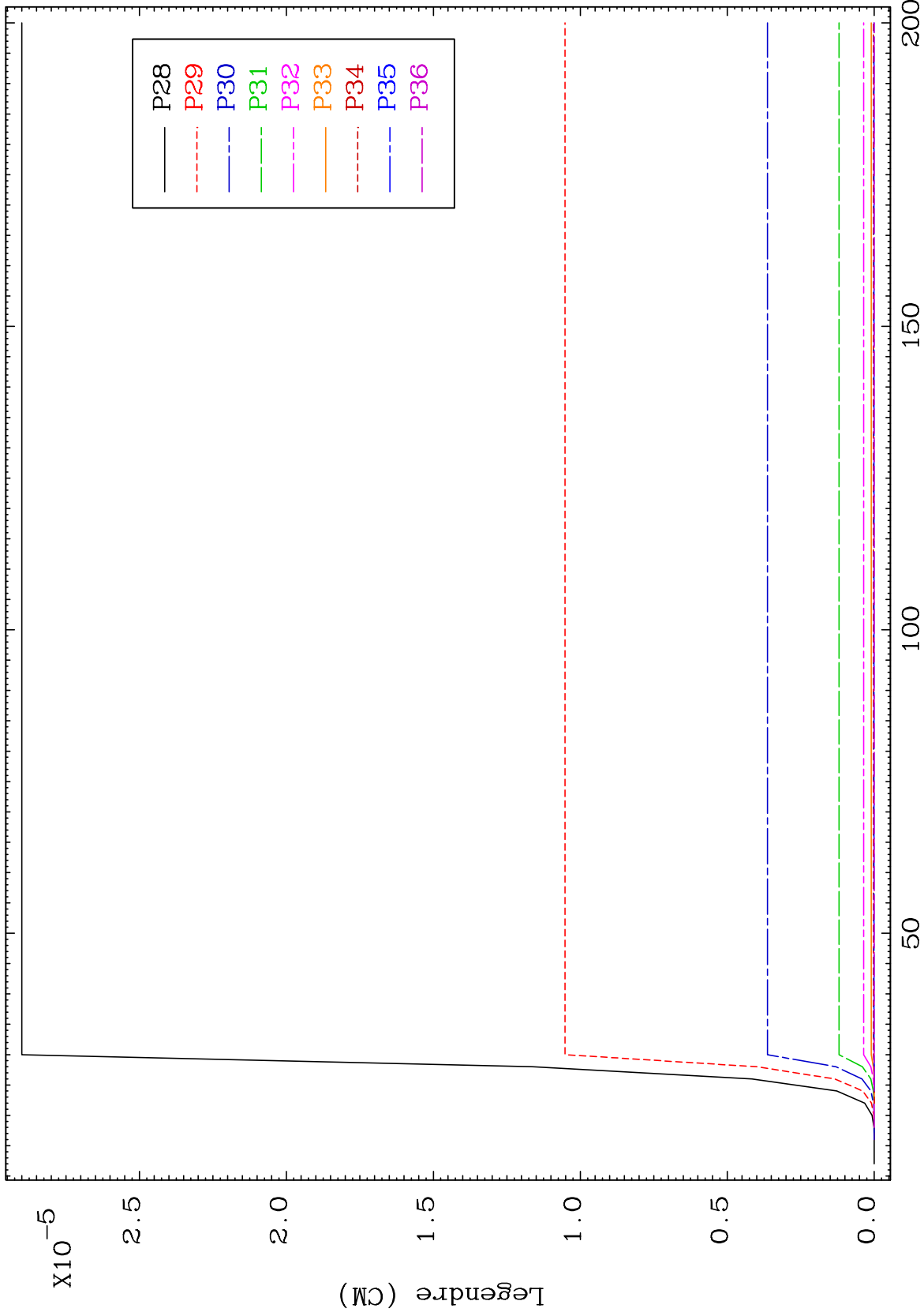
MT= 51 (n,n') Level
Legendre Coefficients

71-Lu-173



22

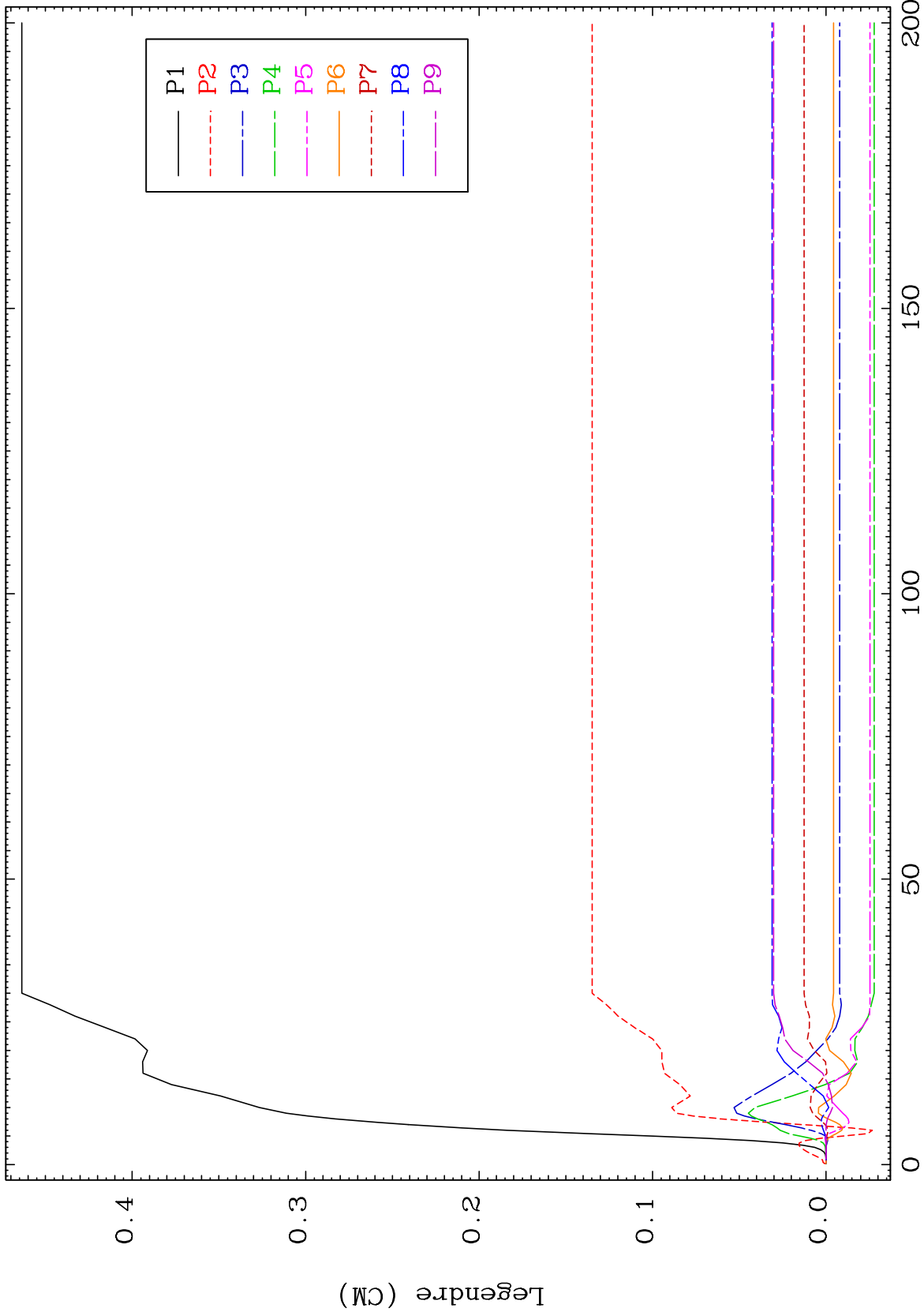
71-Lu-173



MAT 7119

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

71-Lu-173



24

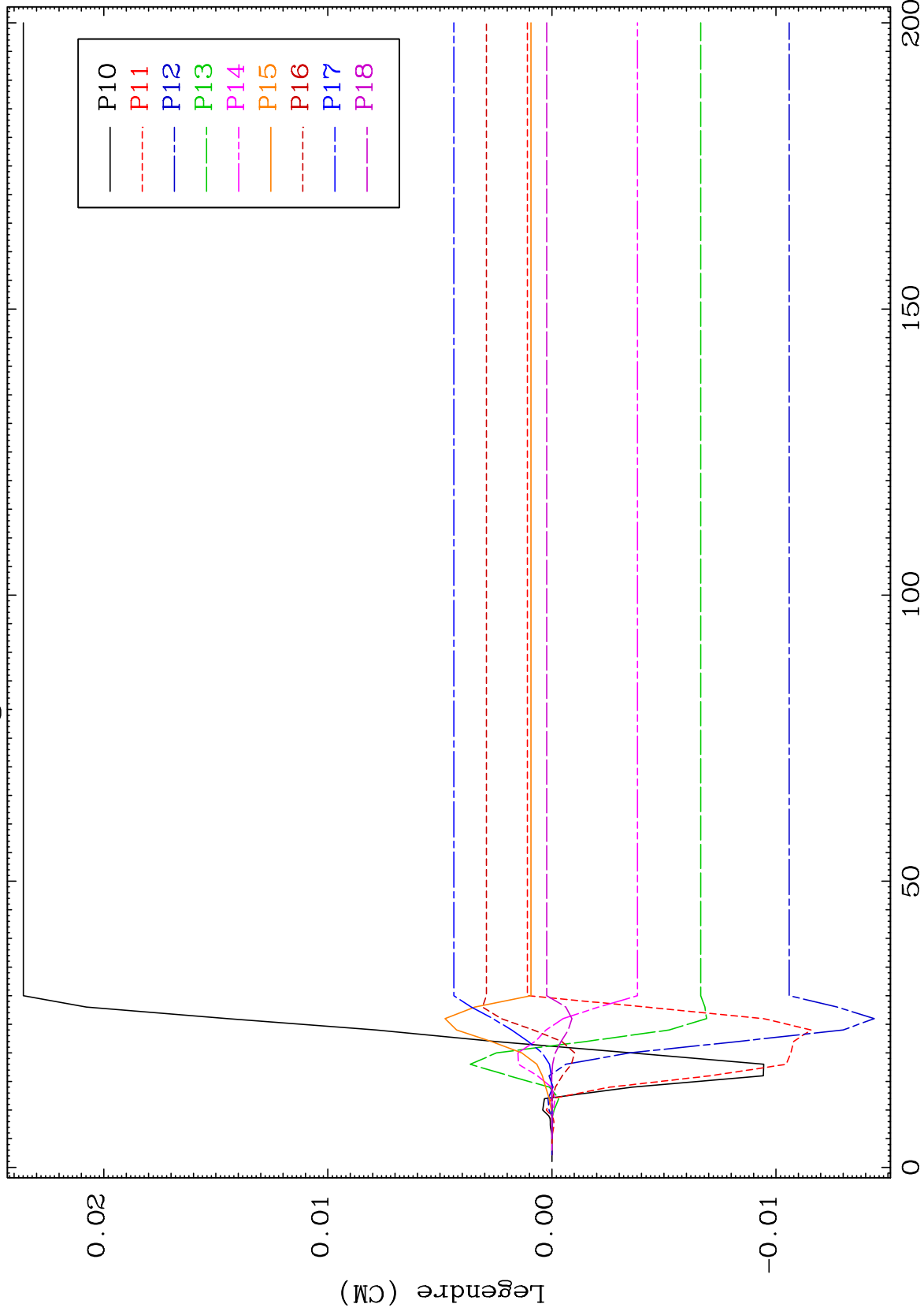
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



25

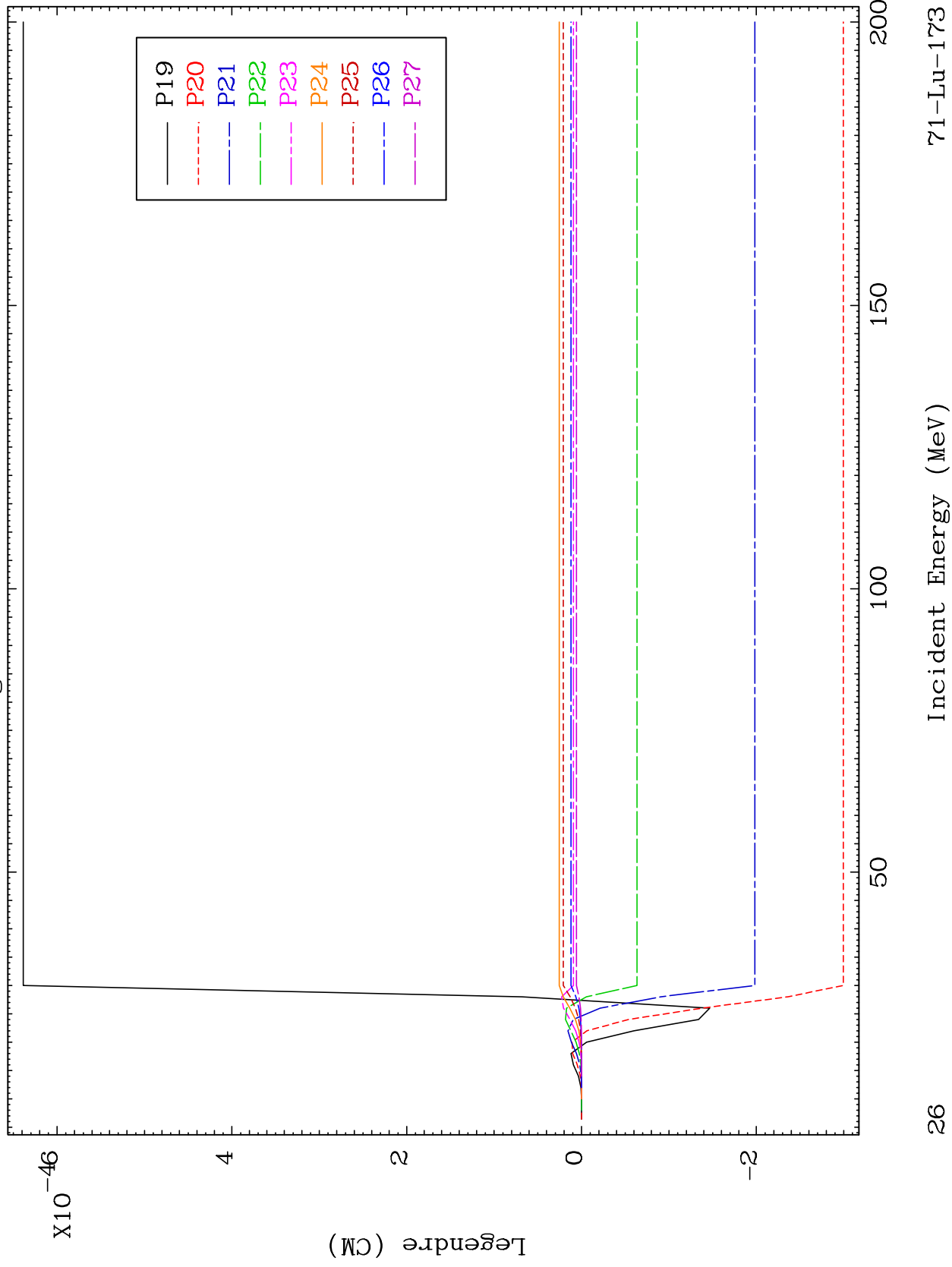
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



26

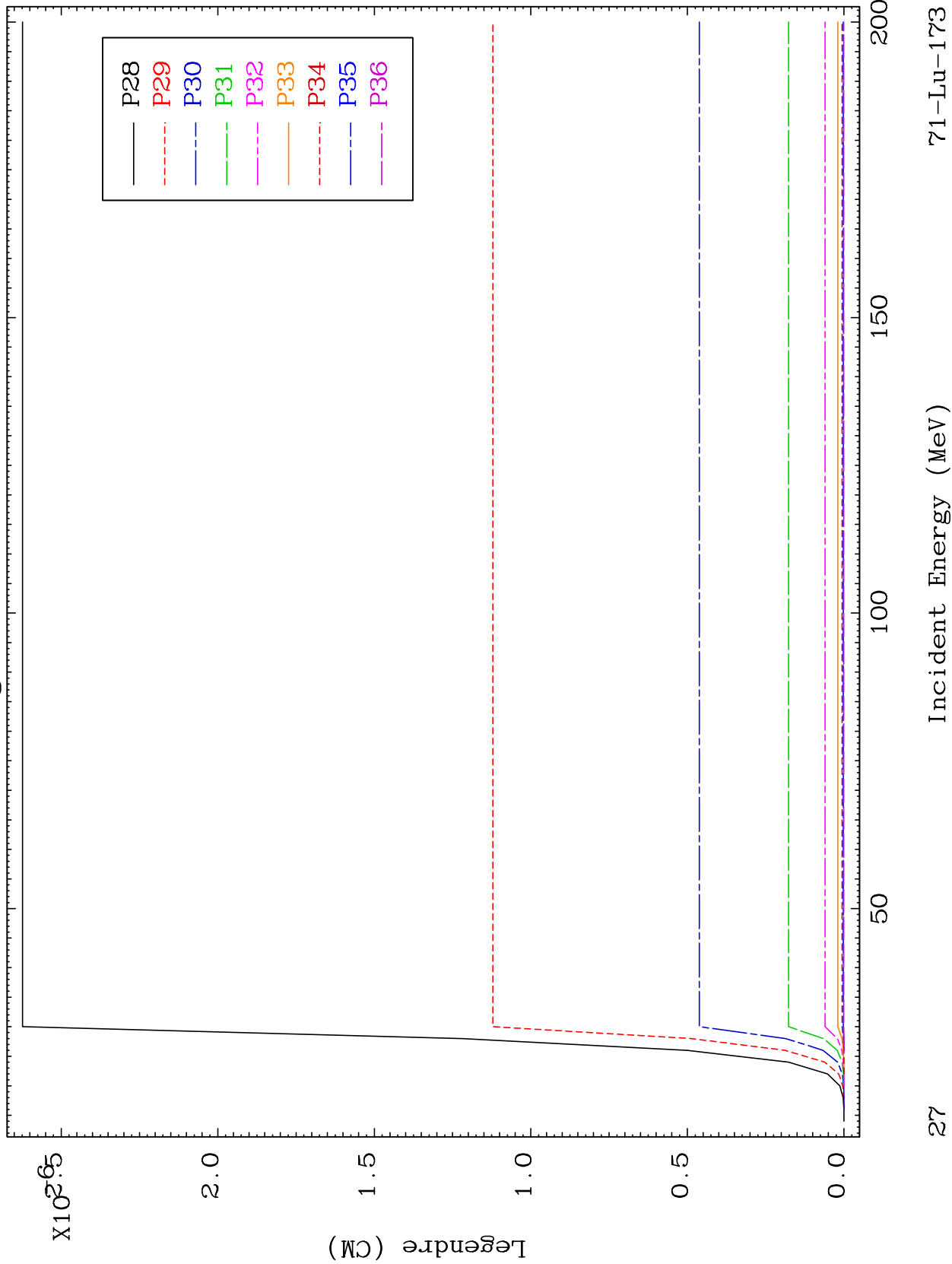
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



27

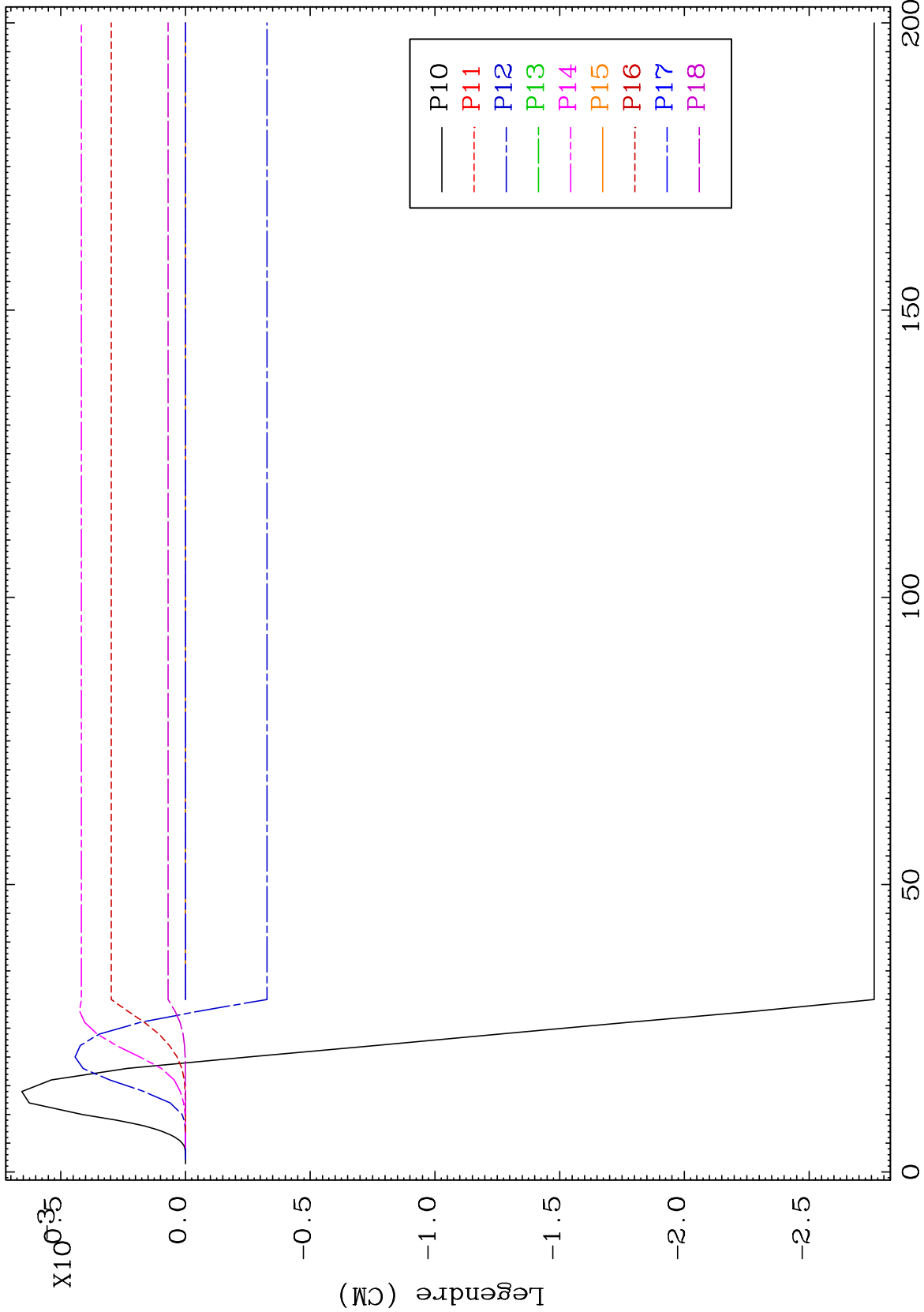
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



29

Incident Energy (MeV)

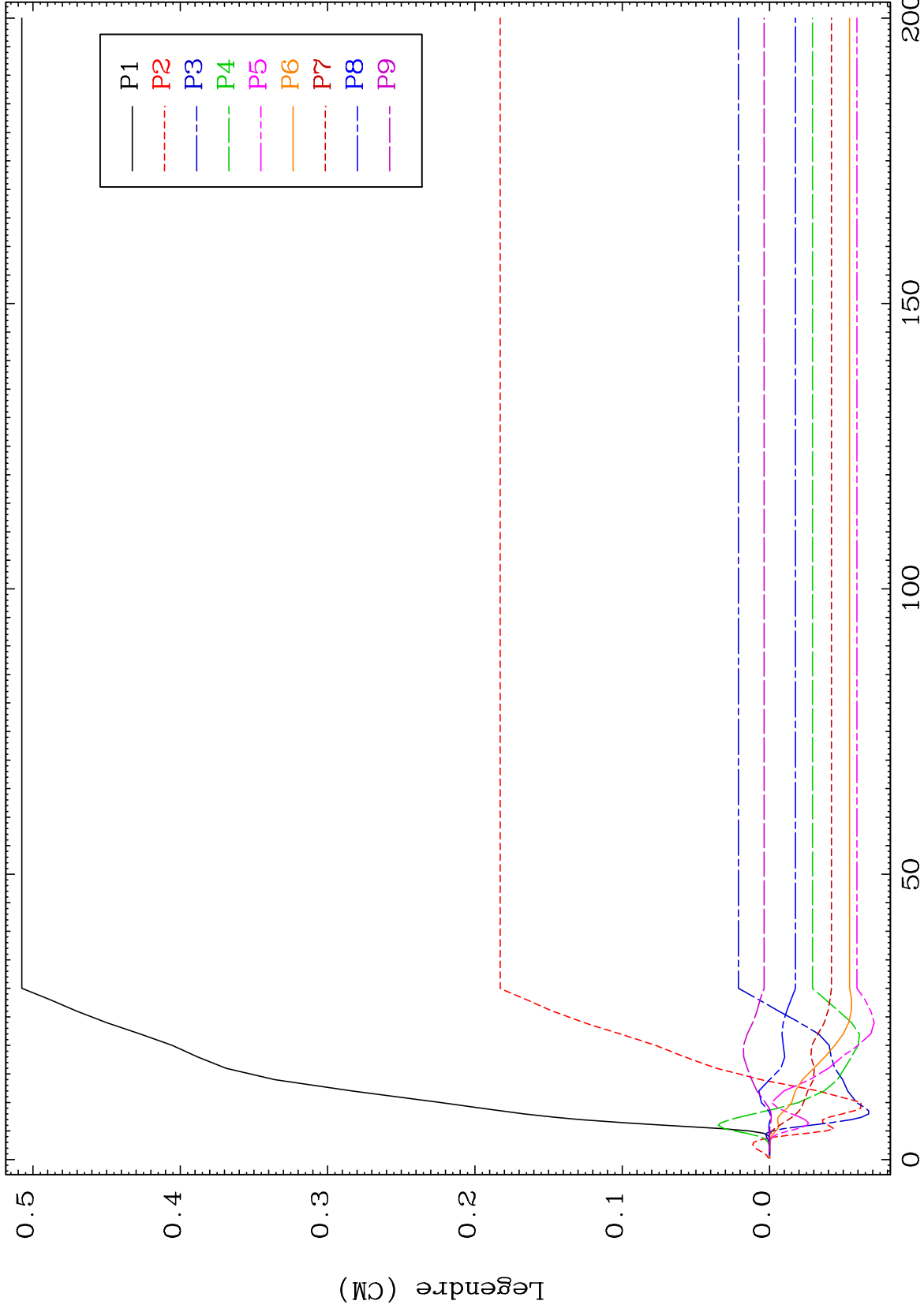
71-Lu-173

MAT 7119

MT= 54 (n,n') Level

71-Lu-173

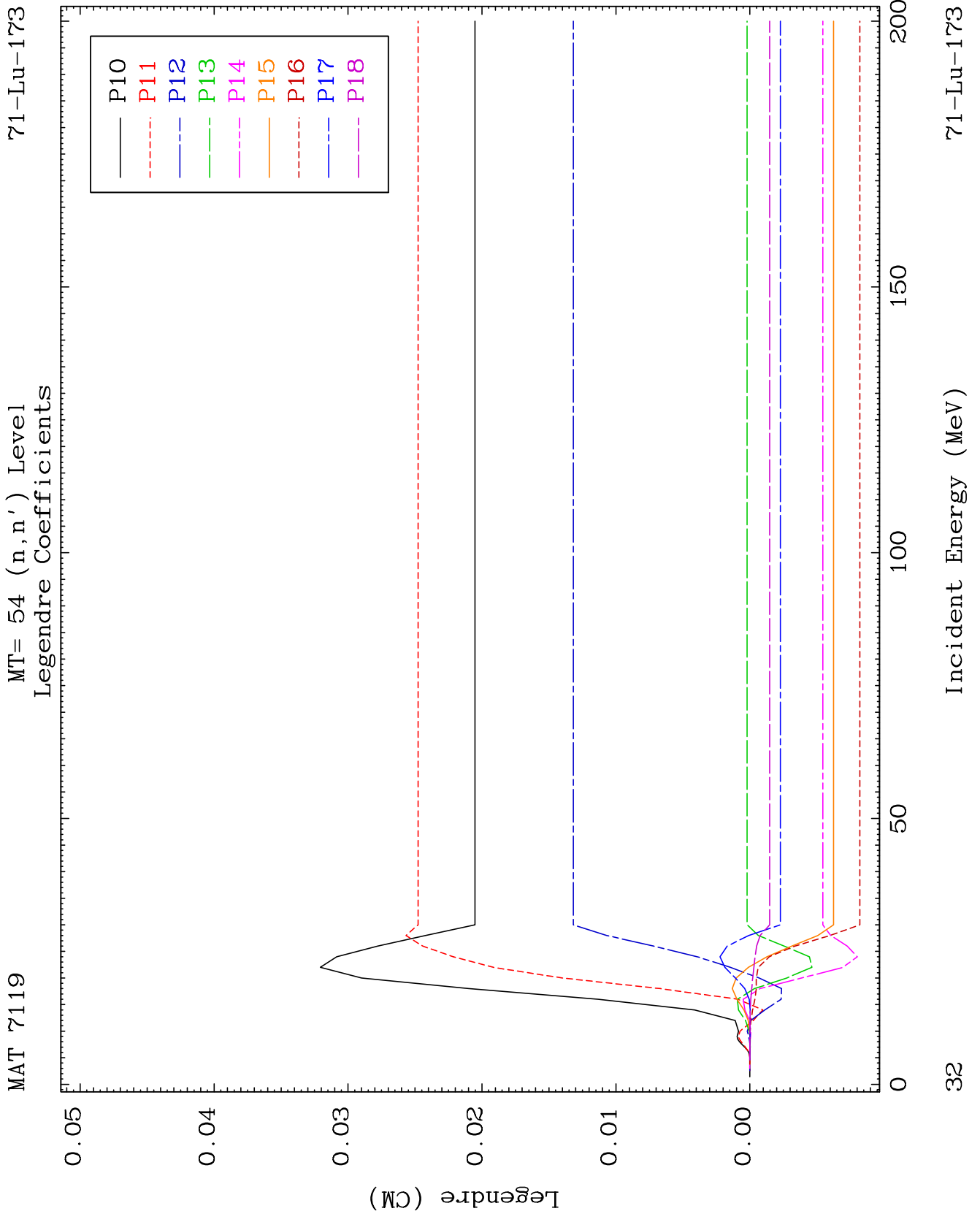
Legendre Coefficients



31

Incident Energy (MeV)

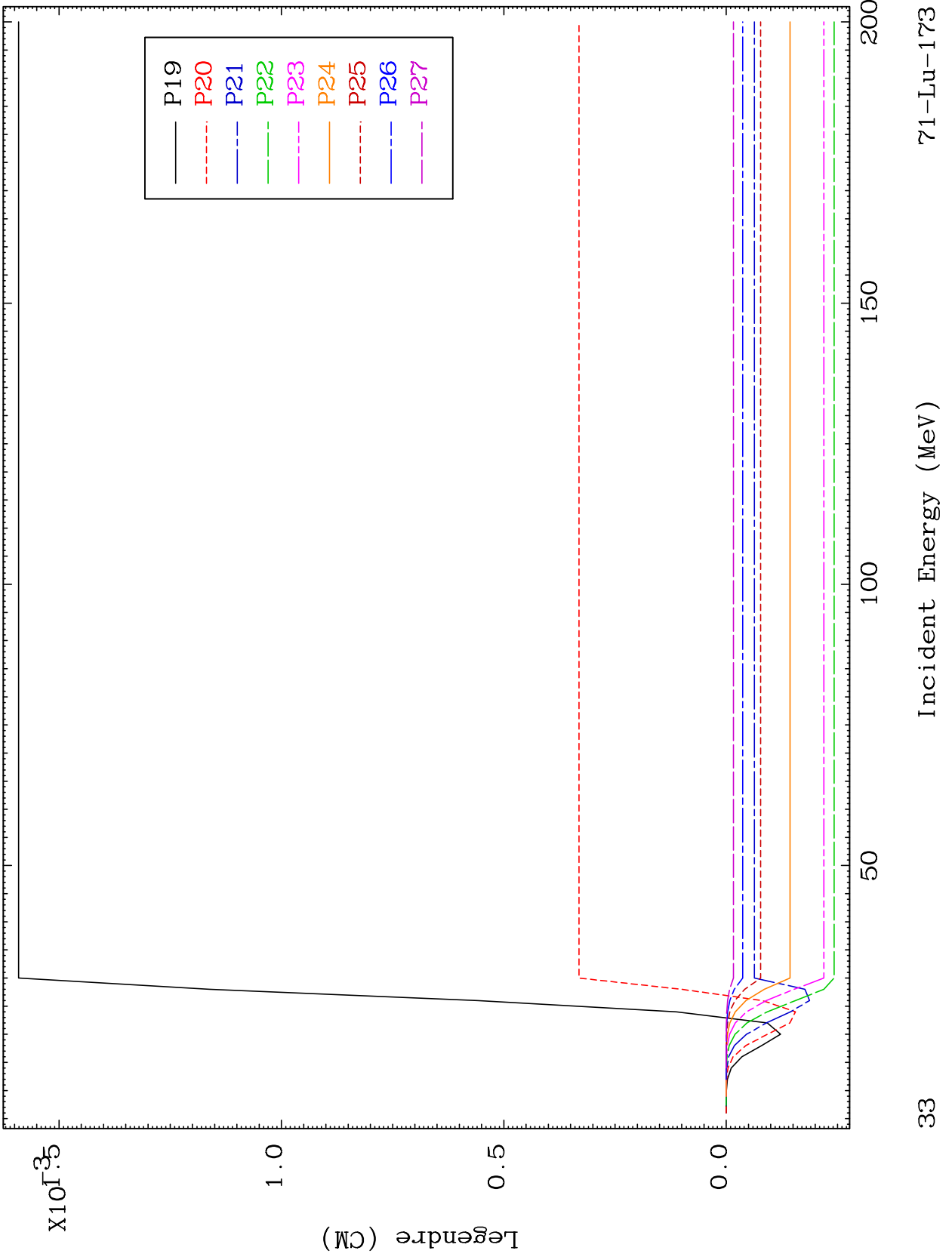
71-Lu-173



MAT 7119

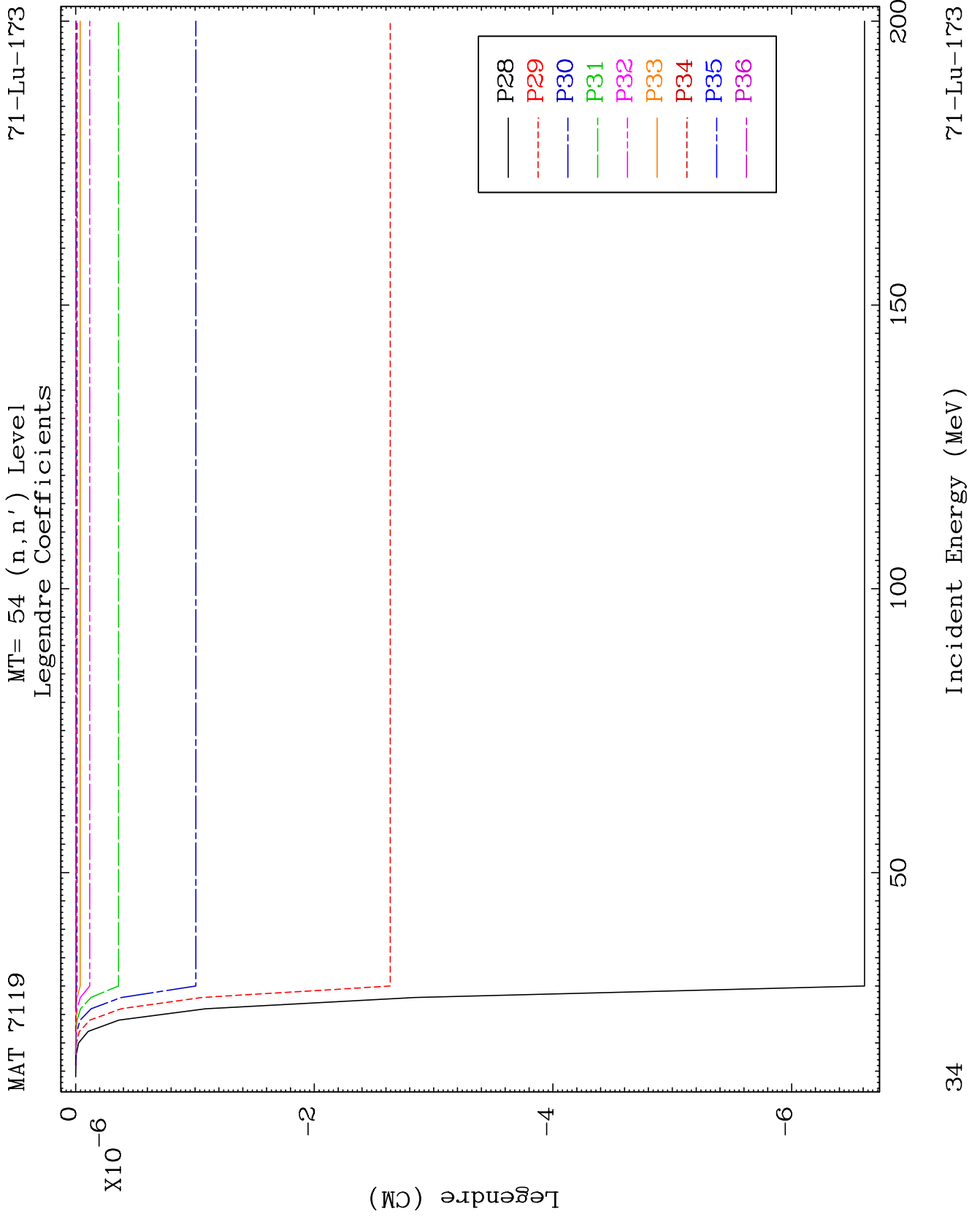
MT= 54 (n,n') Level
Legendre Coefficients

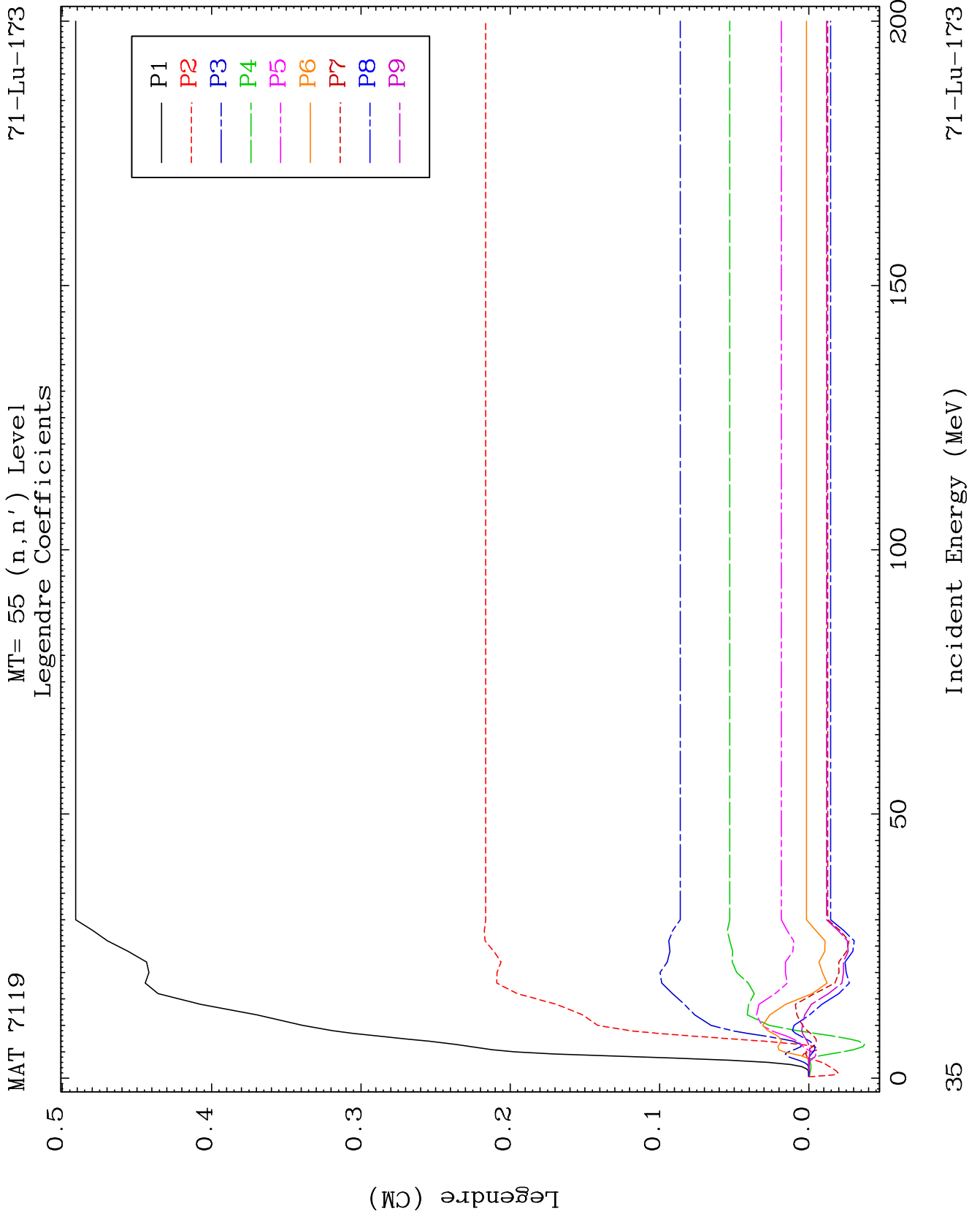
71-Lu-173



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71-Lu-173

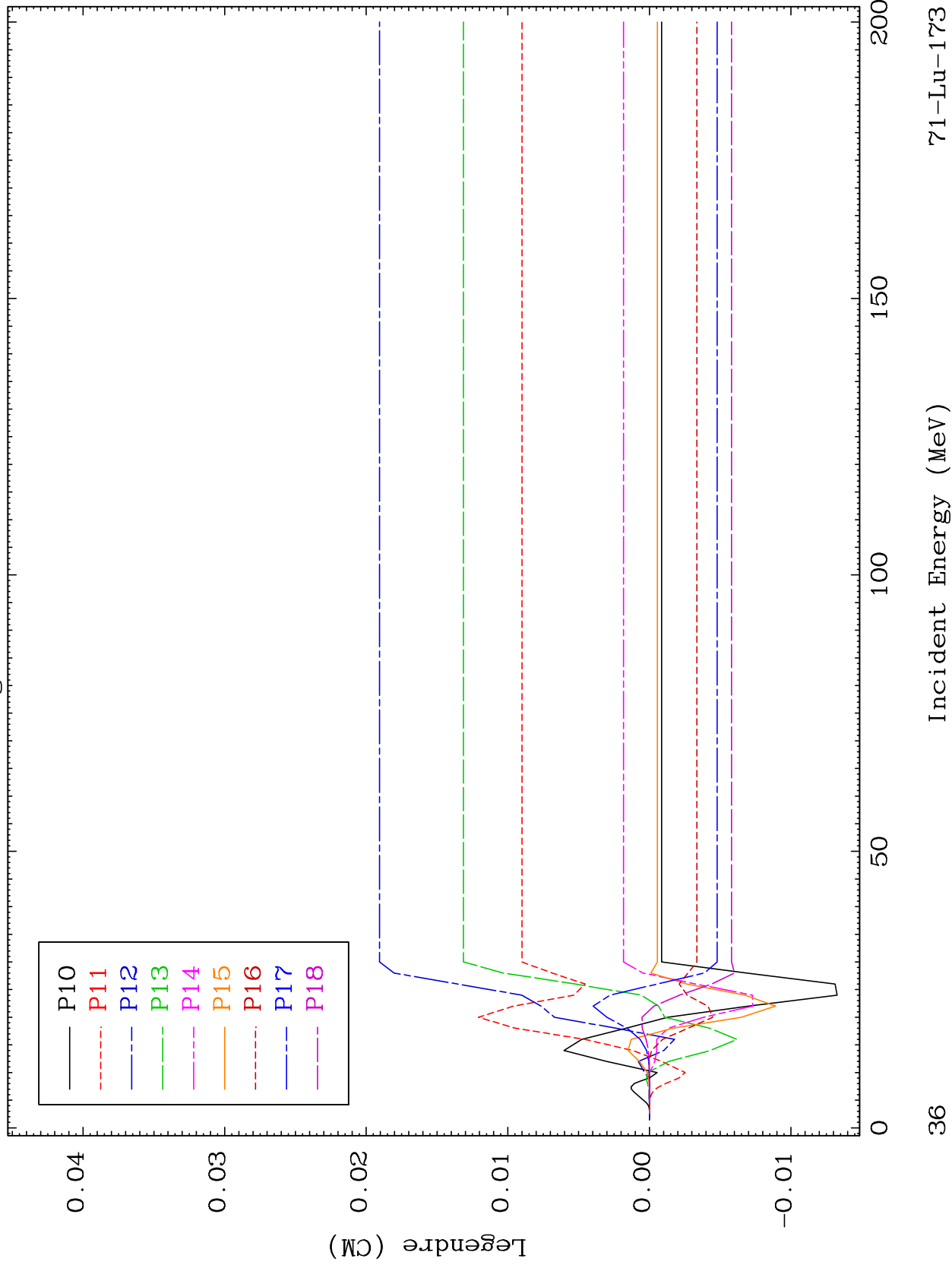




MAT 71119

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

71-Lu-173



71-Lu-173

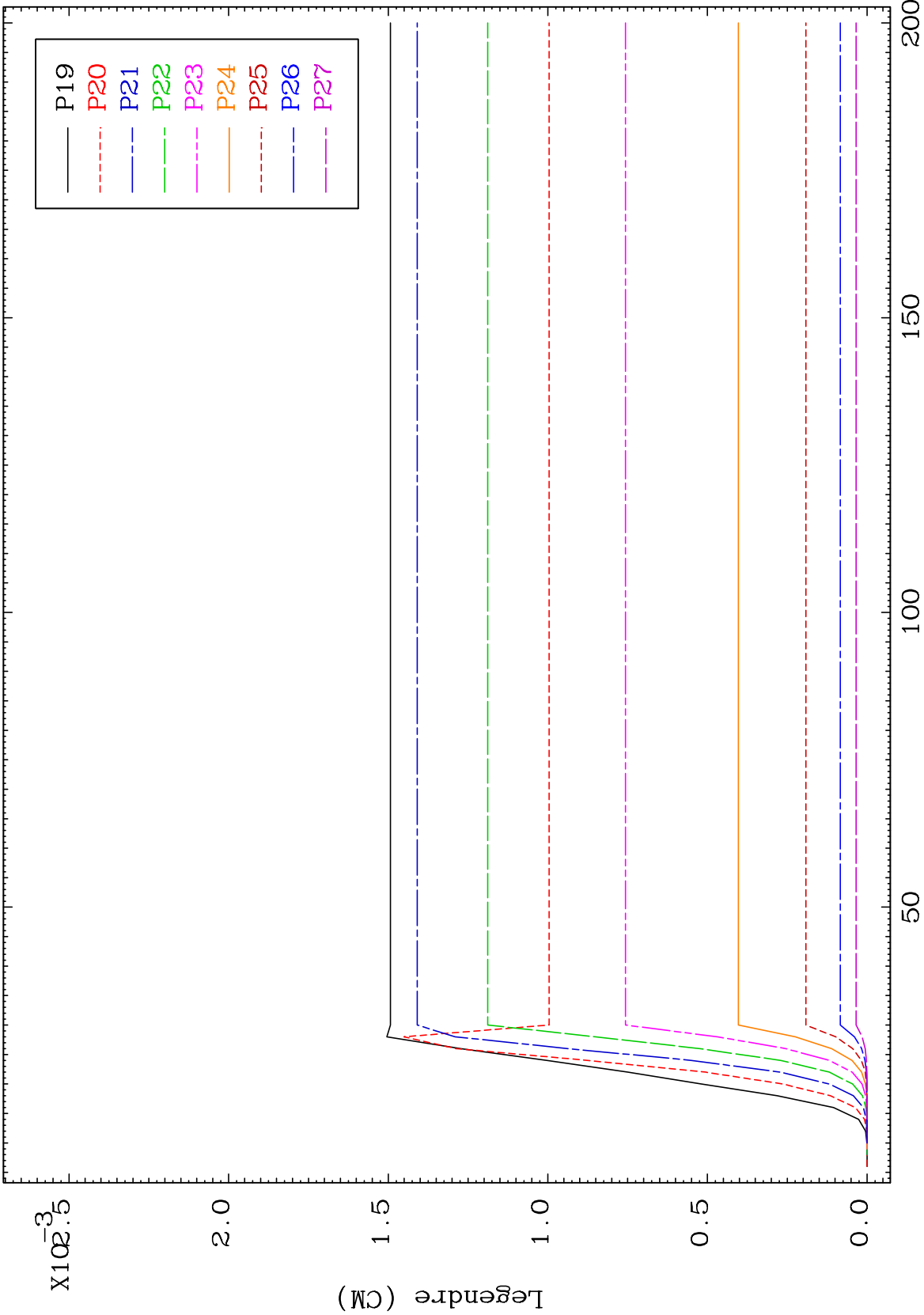
Incident Energy (MeV)

36

MAT 7119

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

71-Lu-173



37

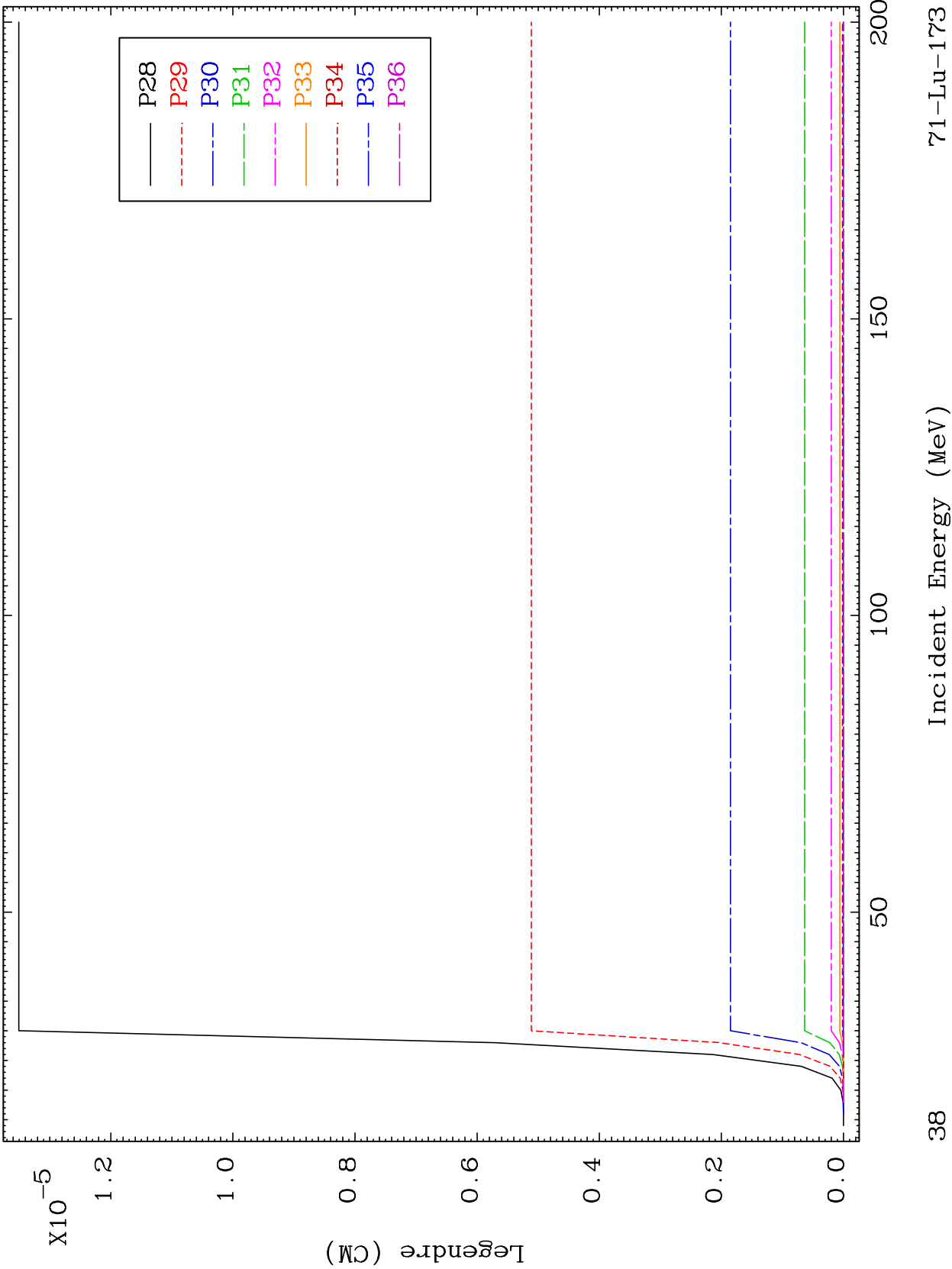
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

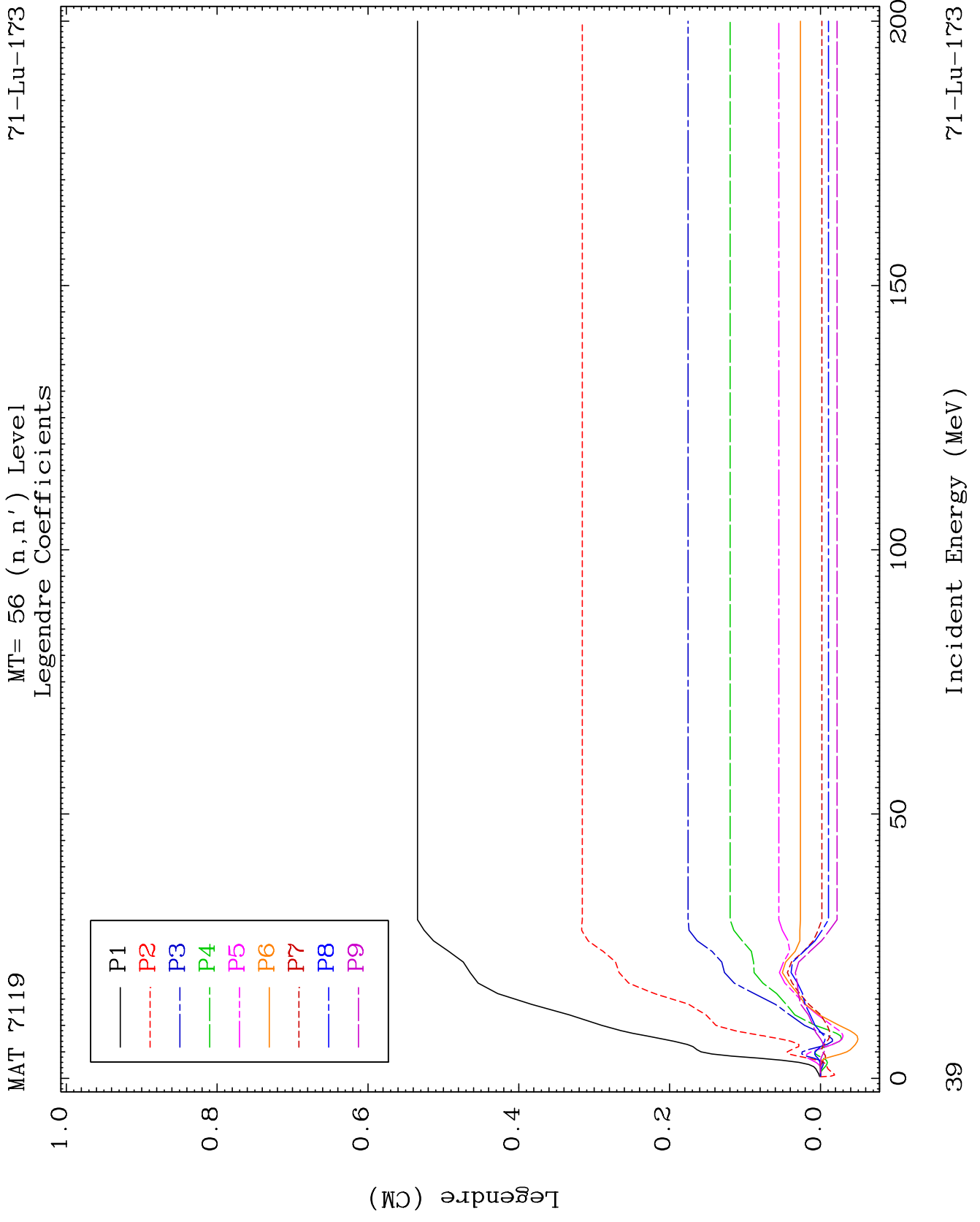
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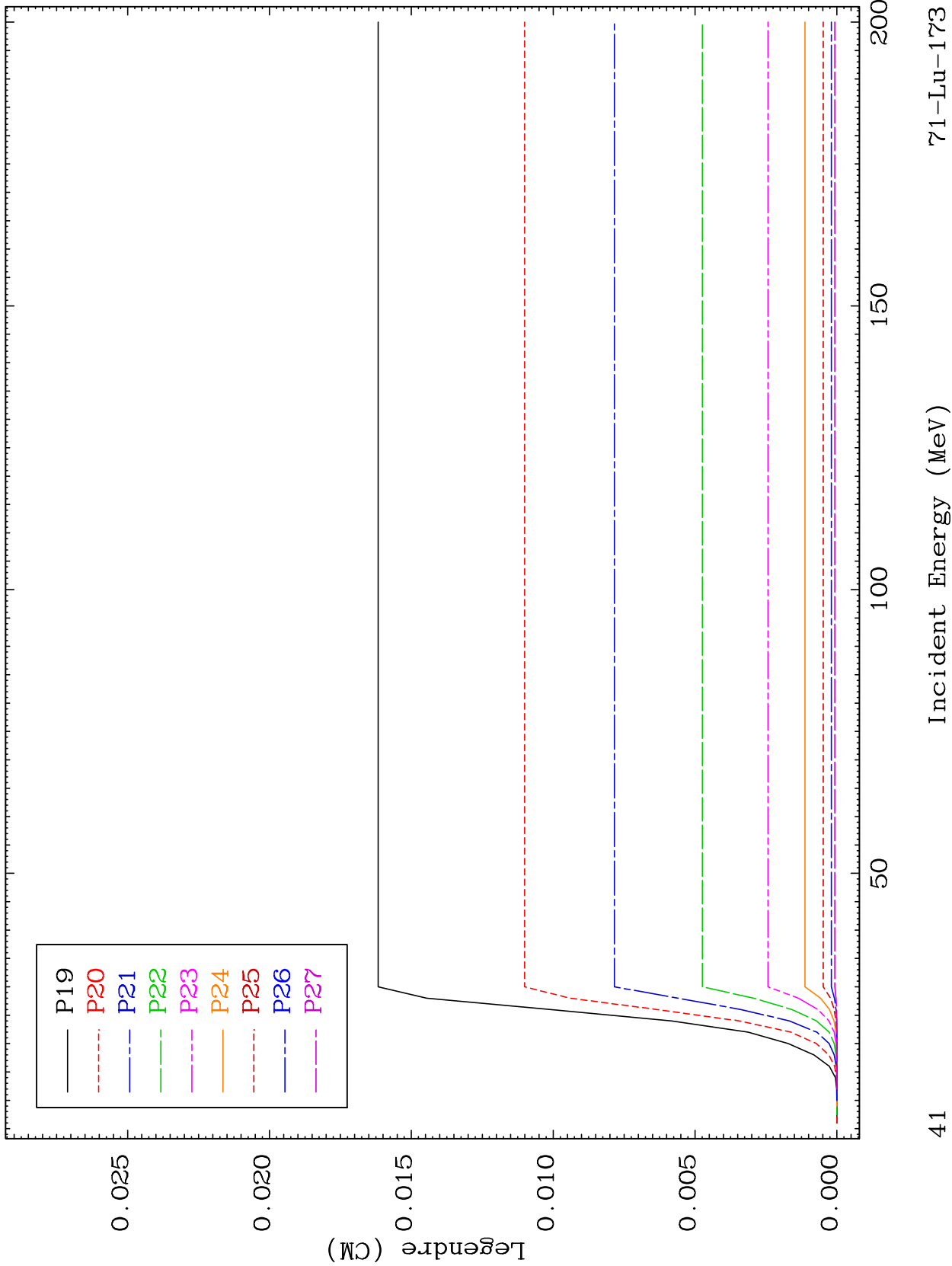


38

Incident Energy (MeV)

71-Lu-173

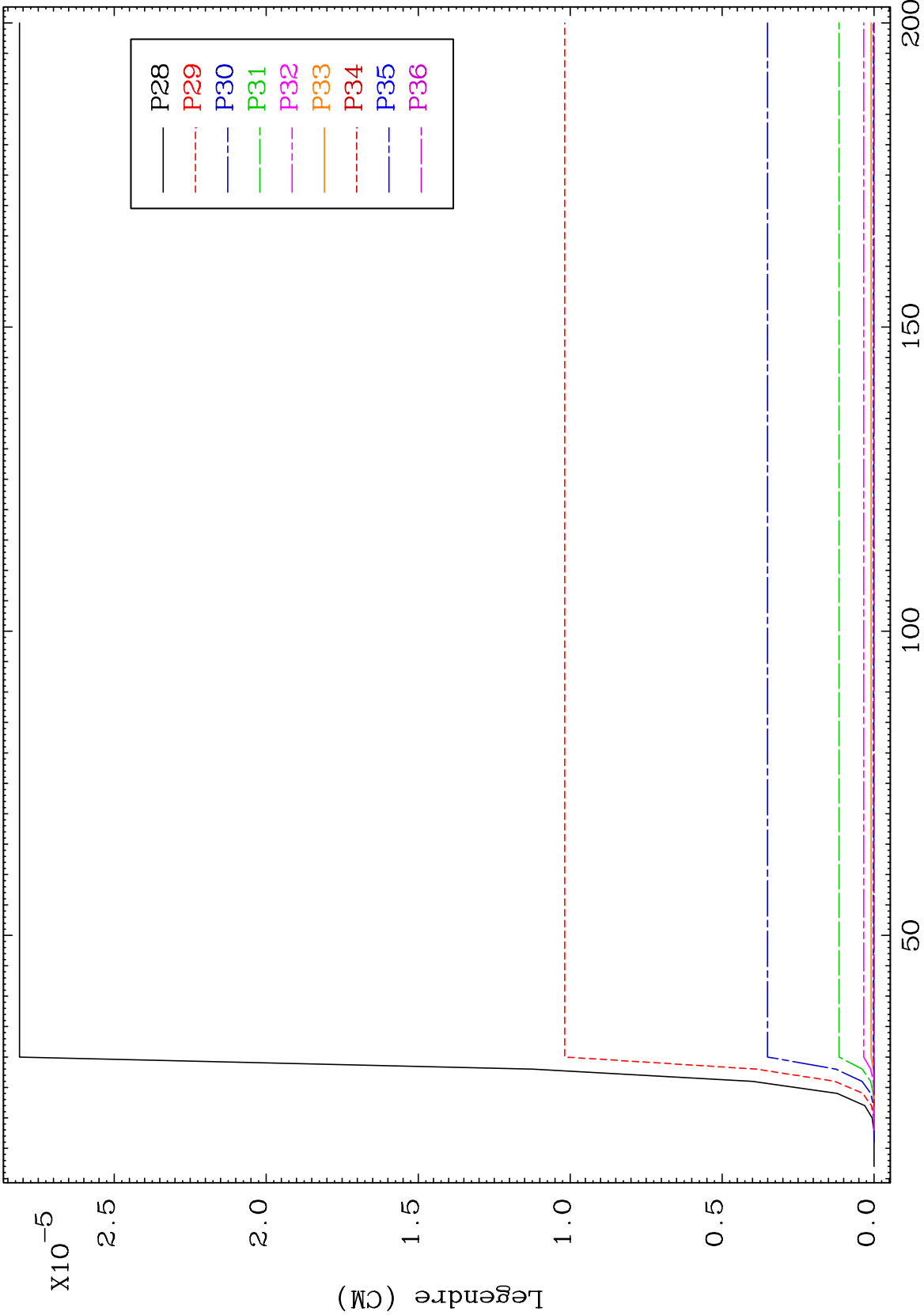




MAT 7119

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

71-Lu-173



42

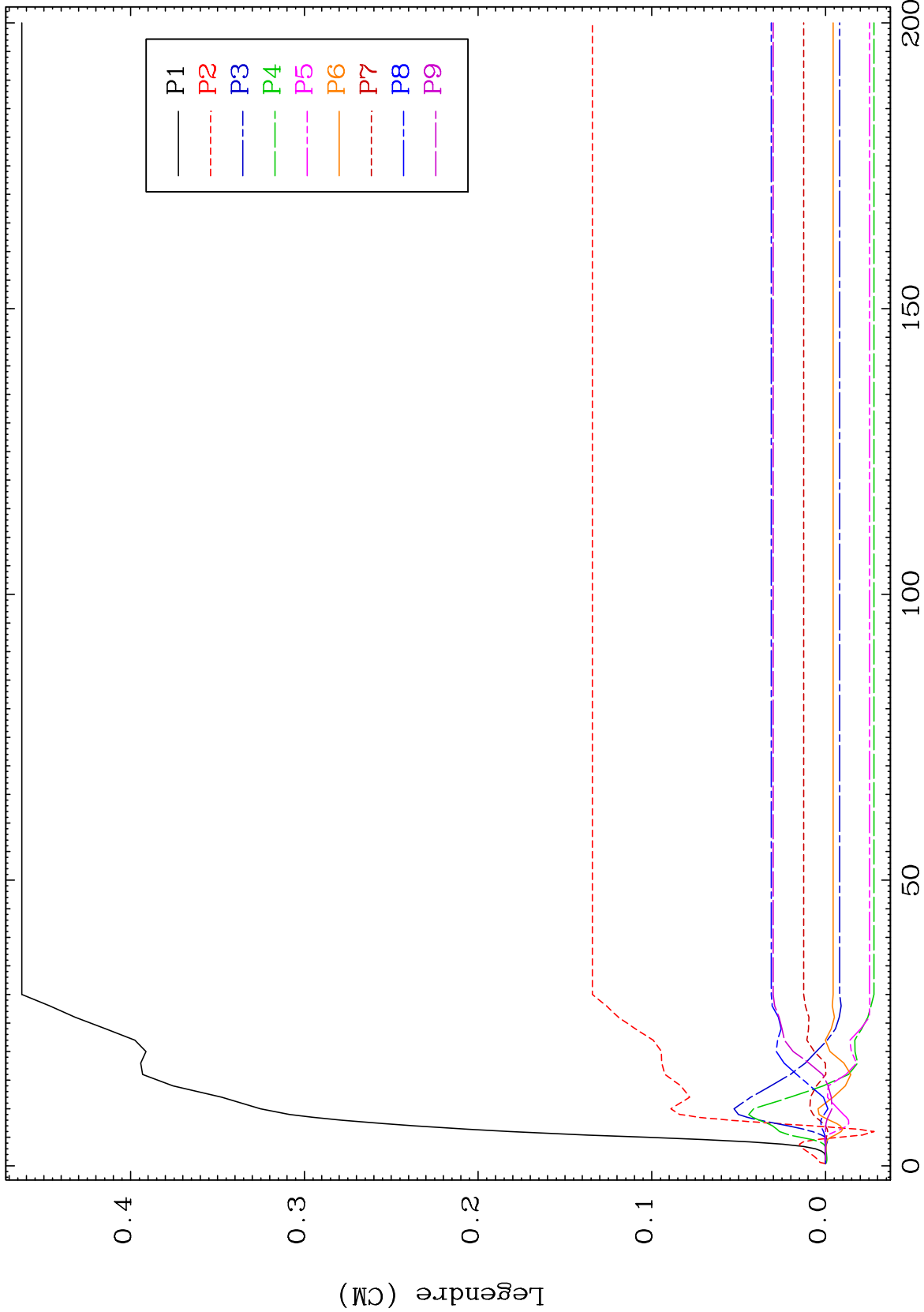
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



43

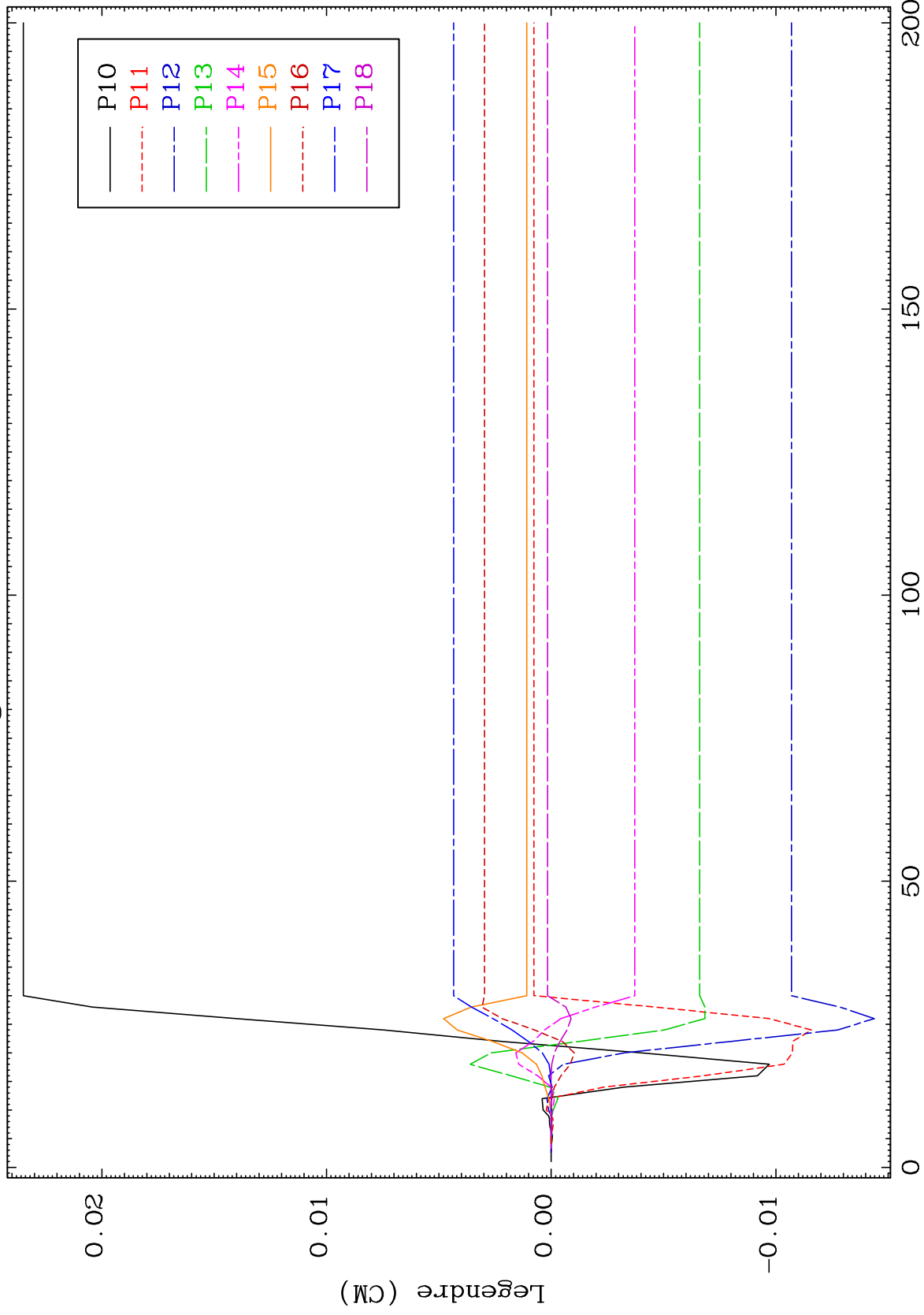
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

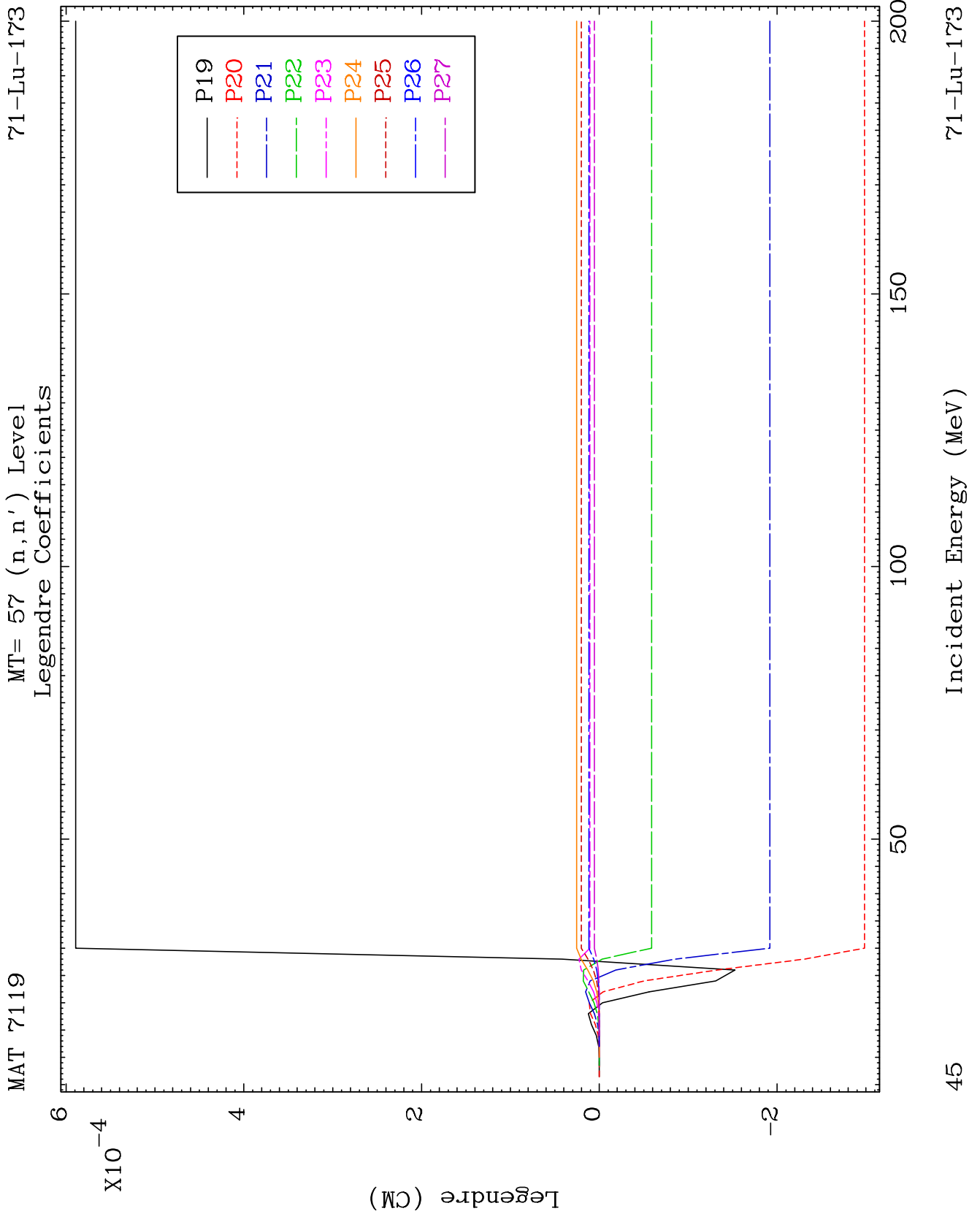
71-Lu-173



44

Incident Energy (MeV)

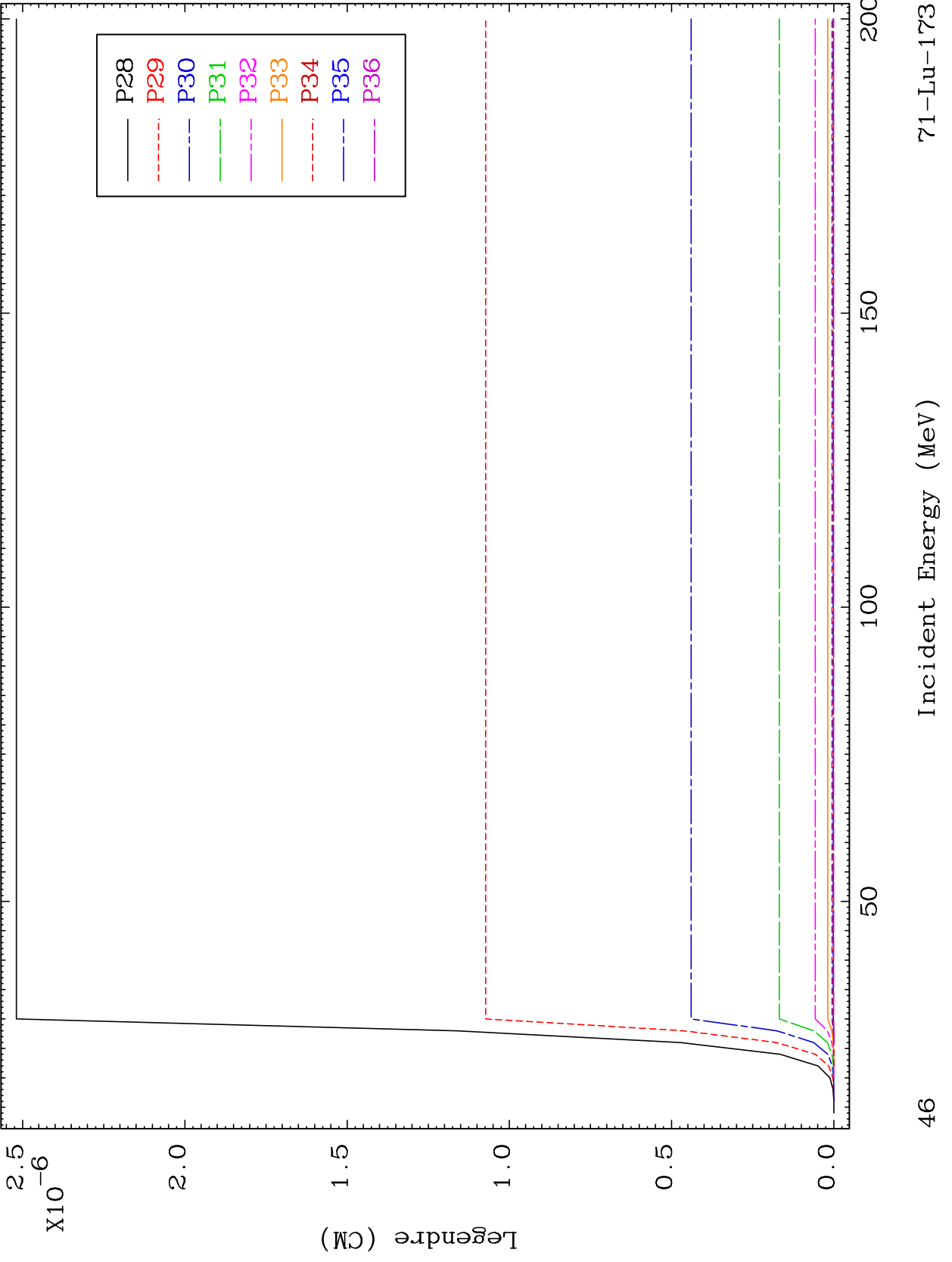
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MAT 7119

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

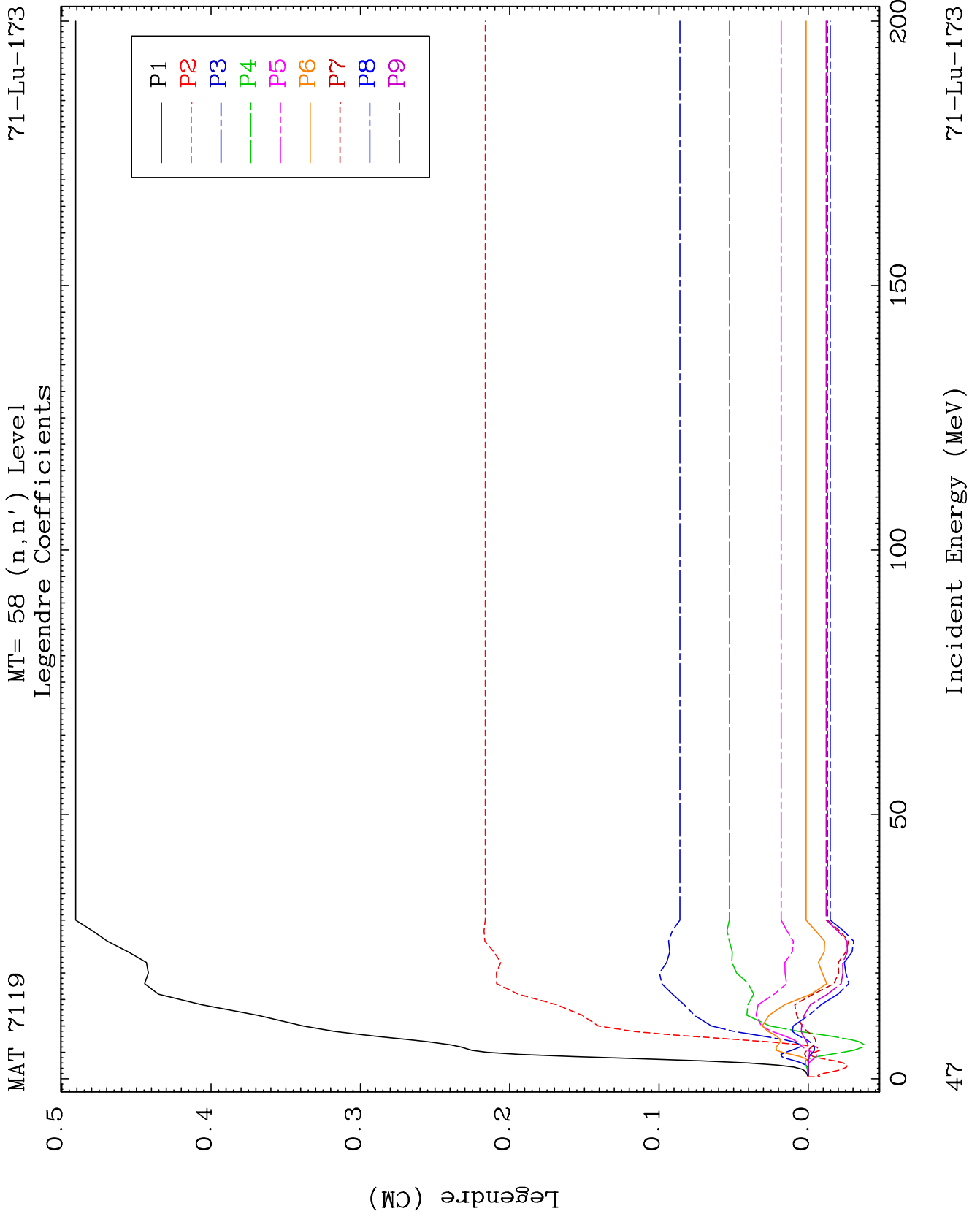
71-Lu-173



46

Incident Energy (MeV)

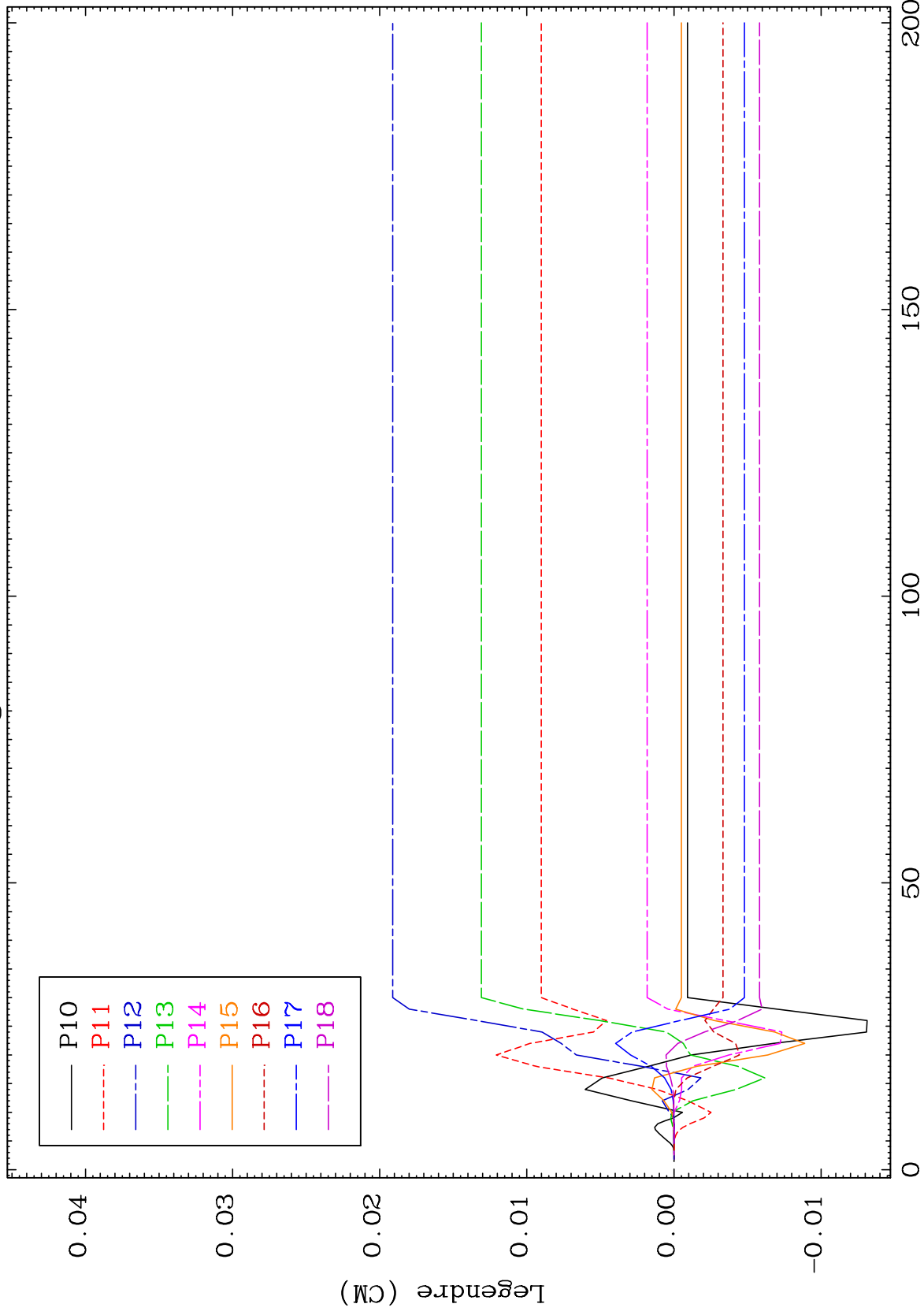
71-Lu-173



MAT 7119

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

71-Lu-173



48

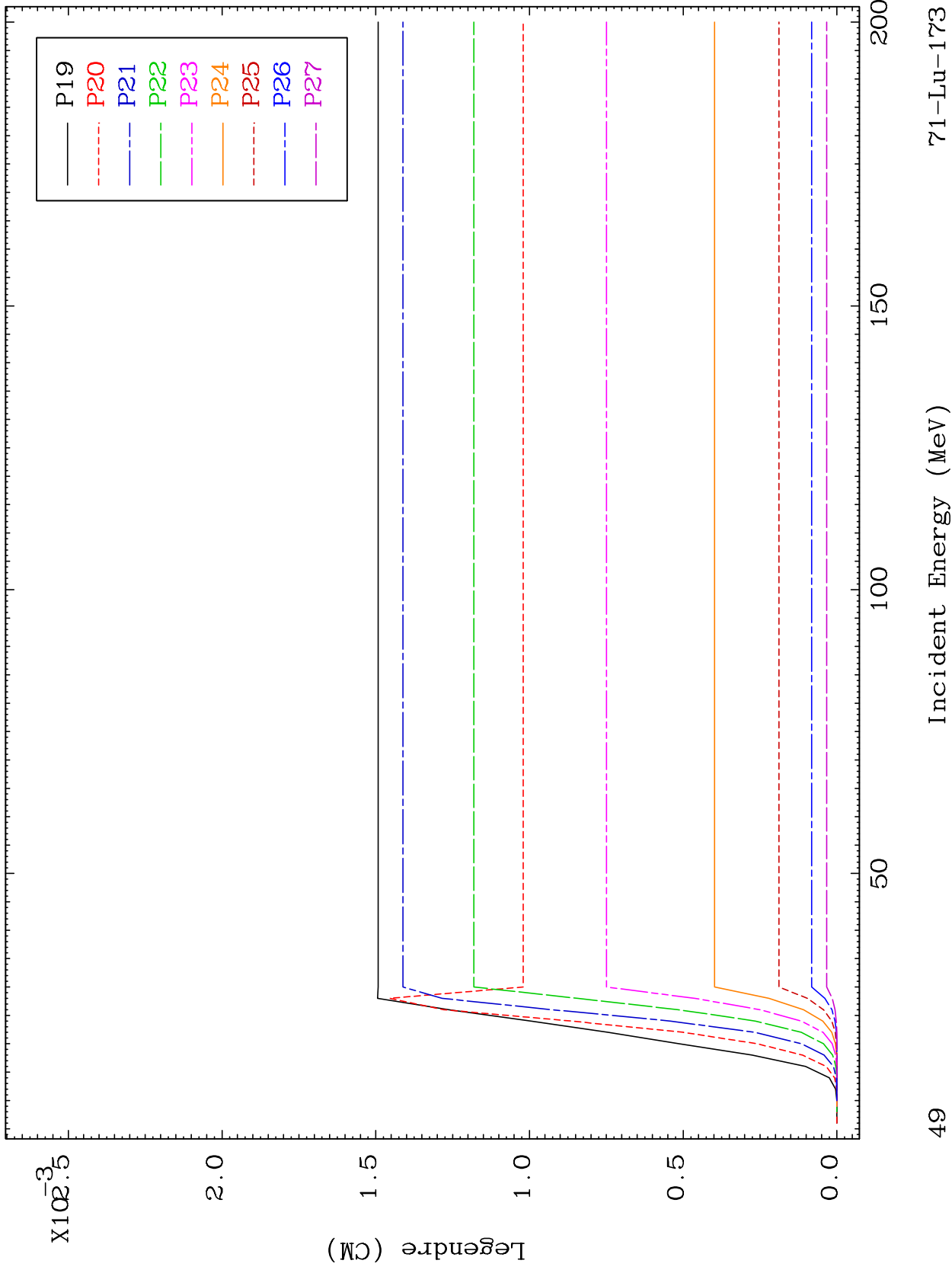
71-Lu-173

71-Lu-173

MAT 7119

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

71-Lu-173



49

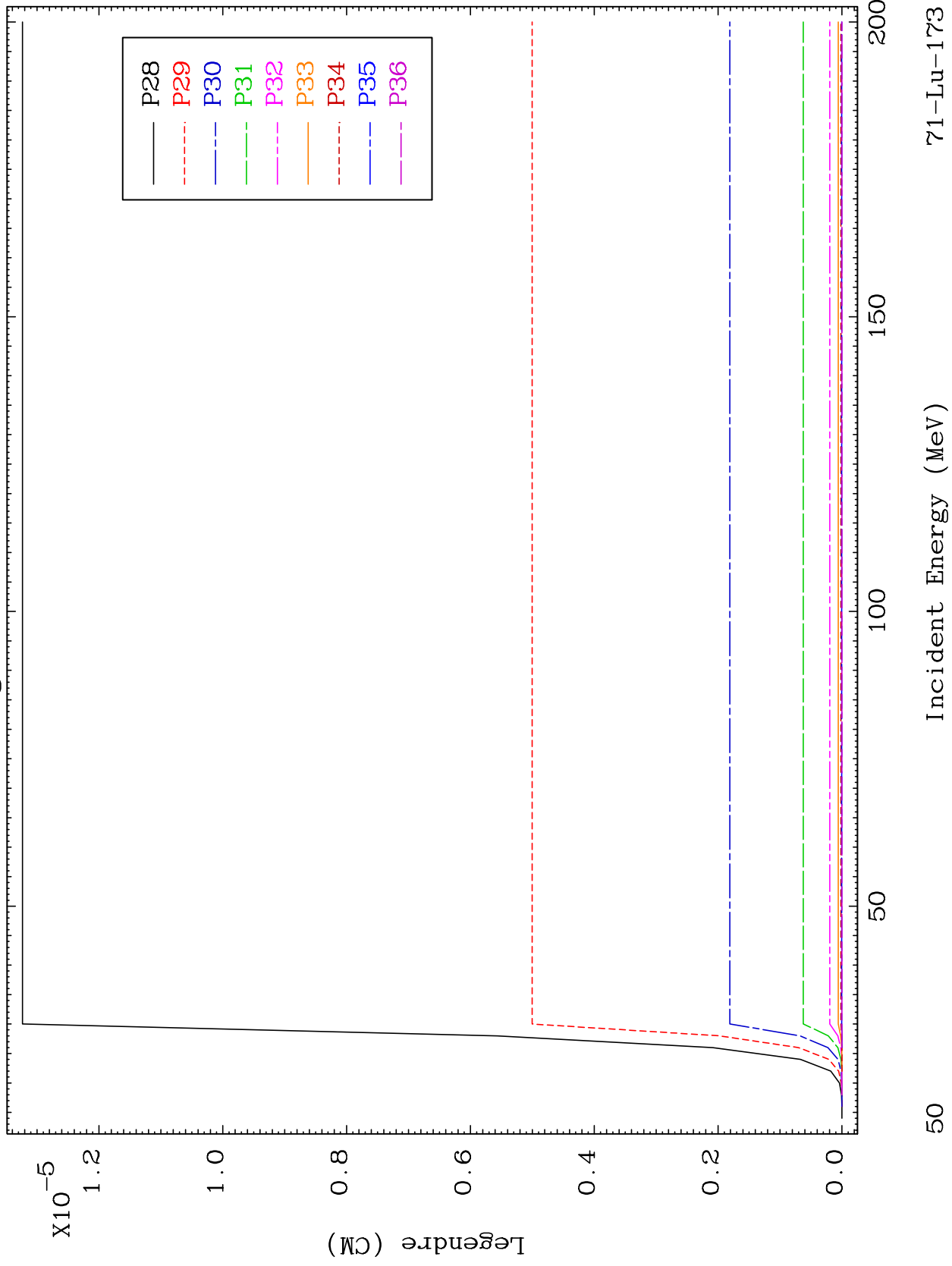
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



71-Lu-173

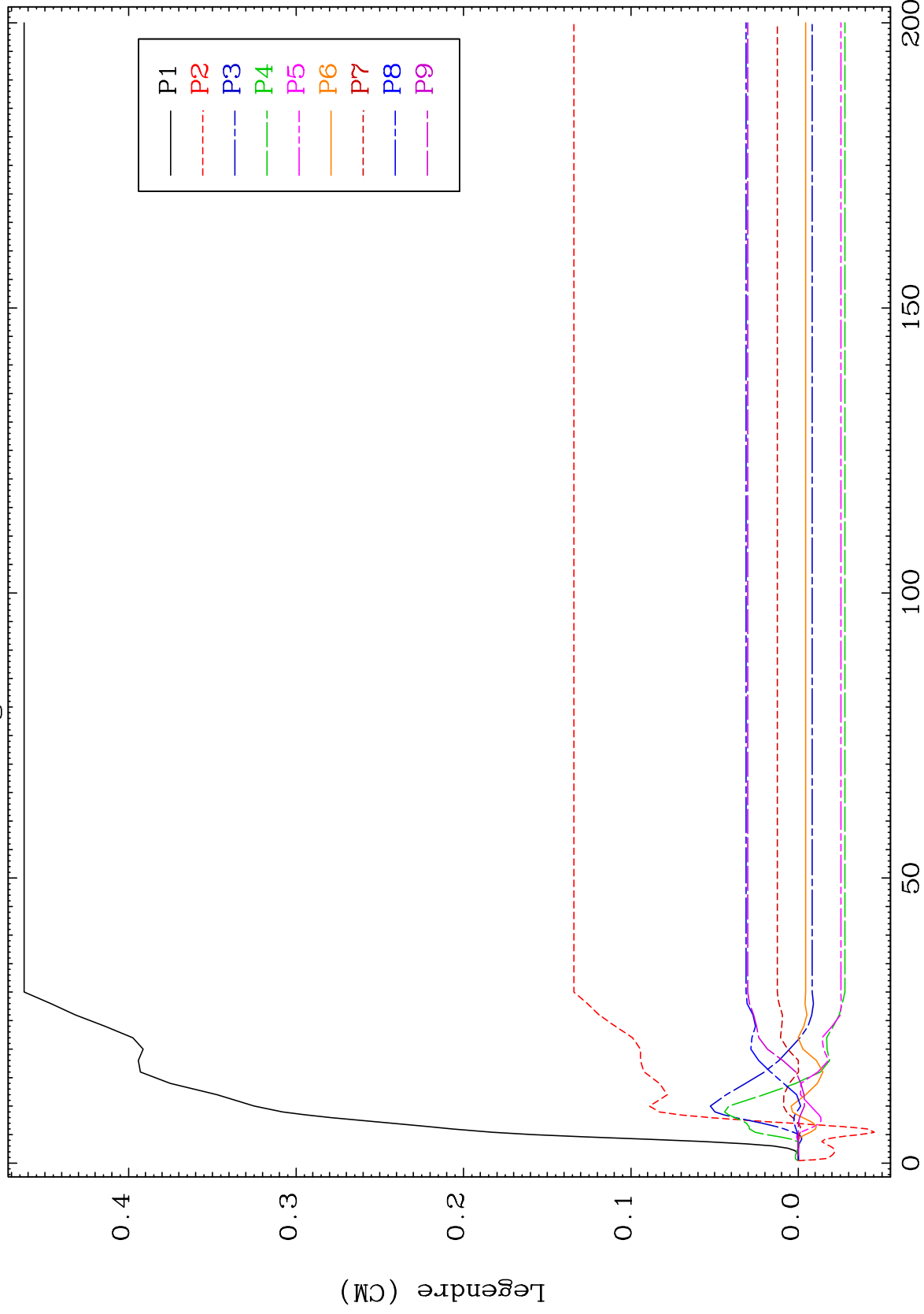
Incident Energy (MeV)

50

MAT 7119

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

71-Lu-173



51

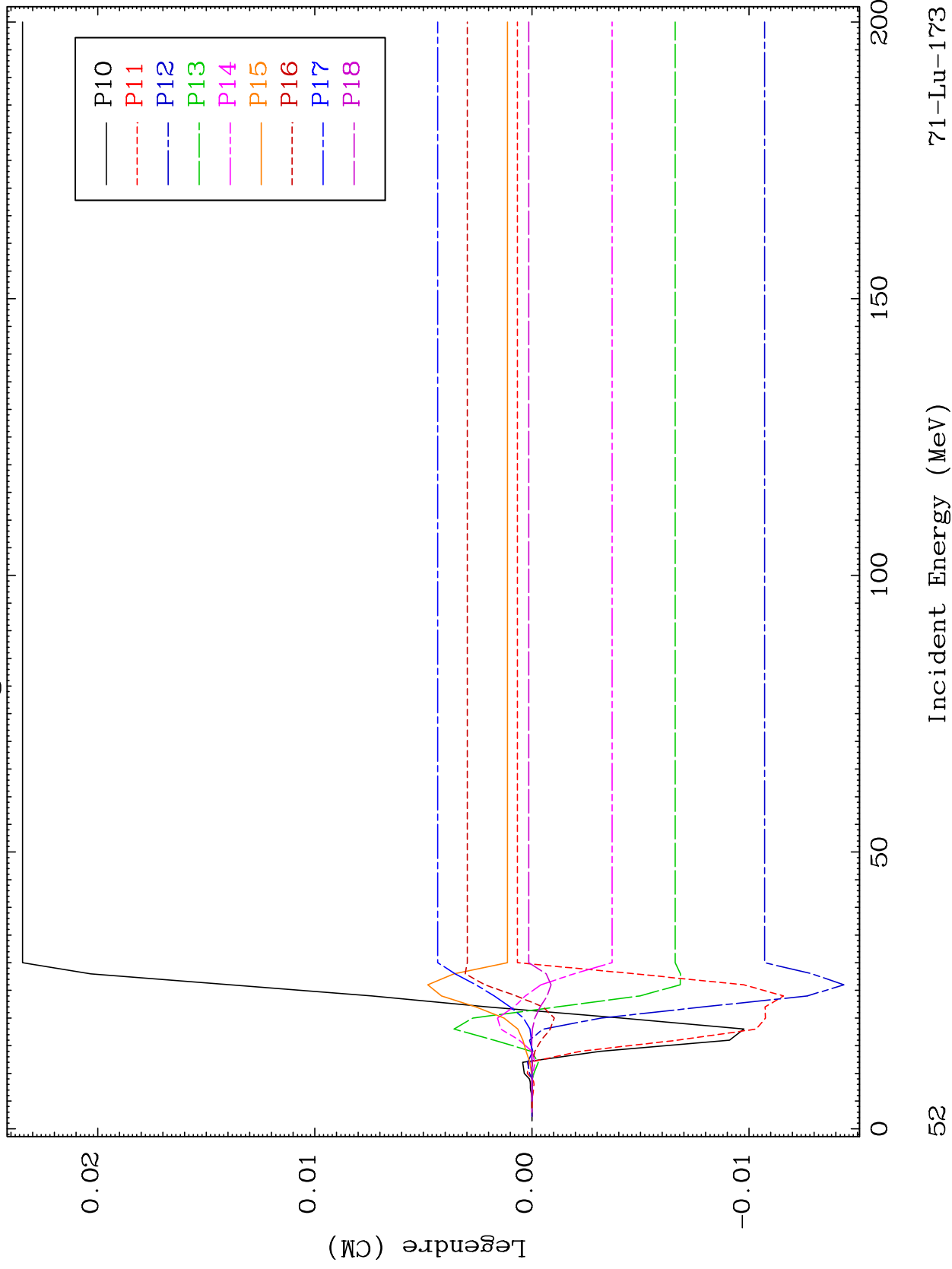
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



71-Lu-173

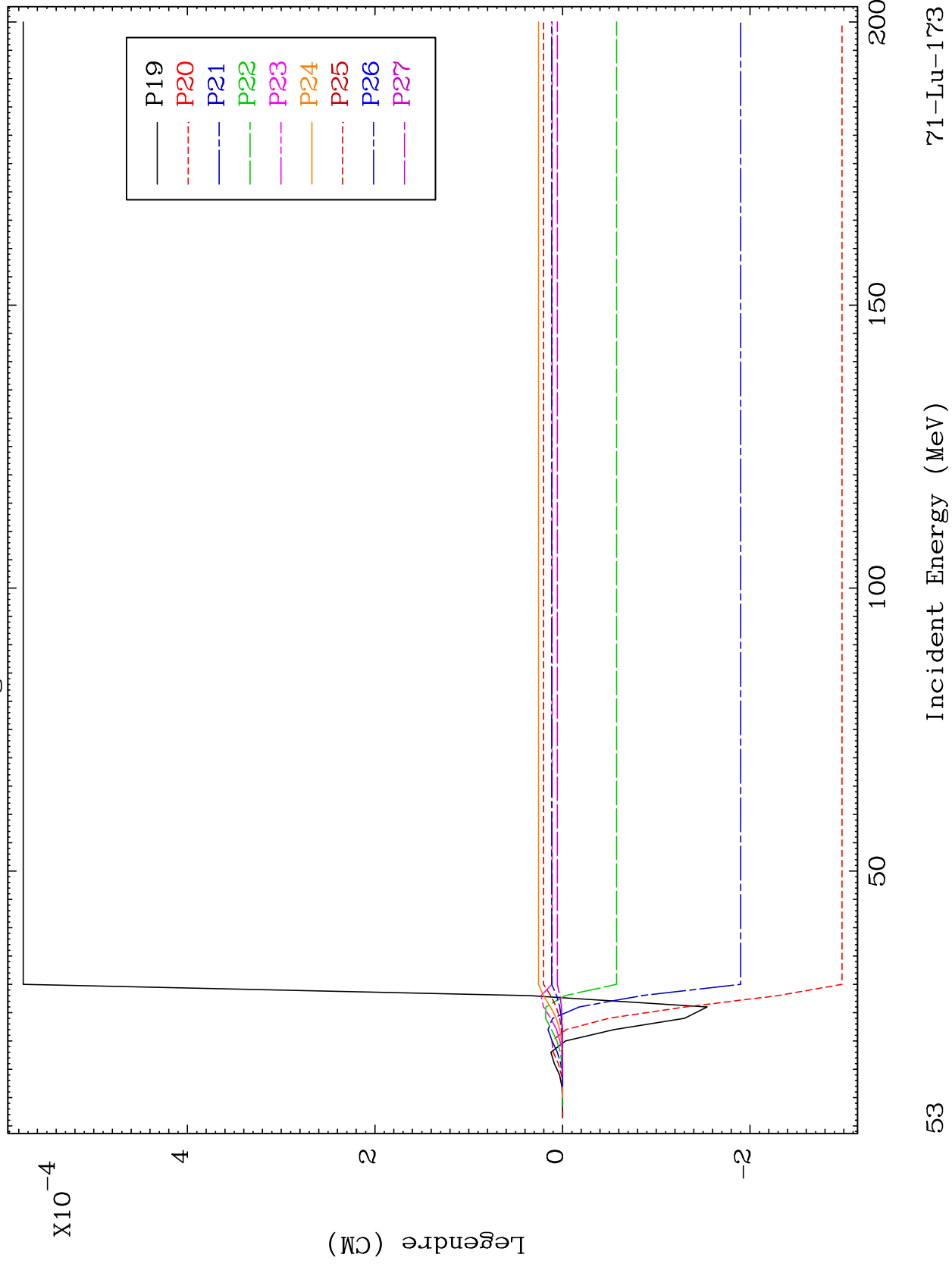
Incident Energy (MeV)

52

MAT 7119

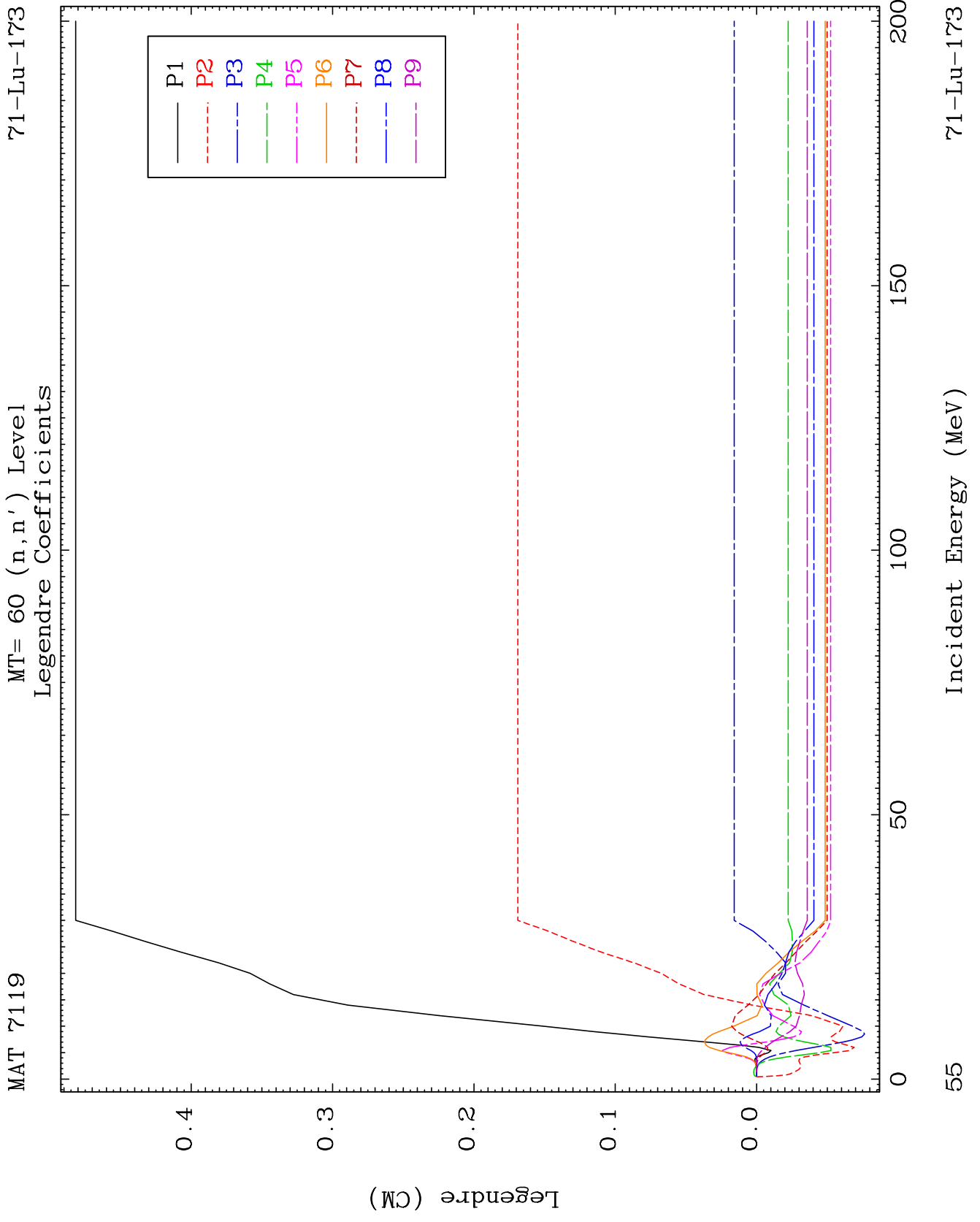
MT= 59 (n,n') Level
Legendre Coefficients

71-Lu-173



53

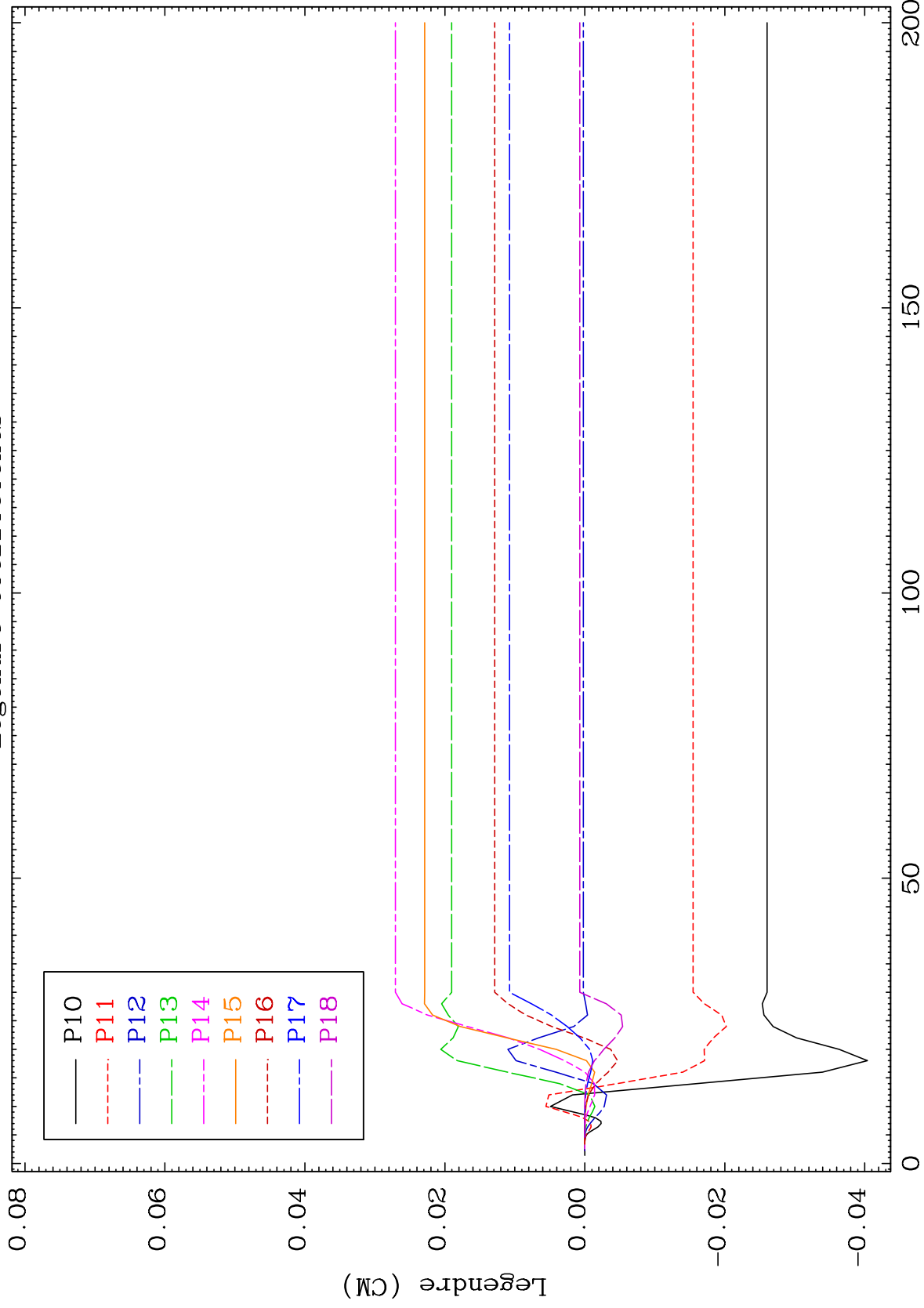
71-Lu-173



MAT 7119

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

71-Lu-173



56

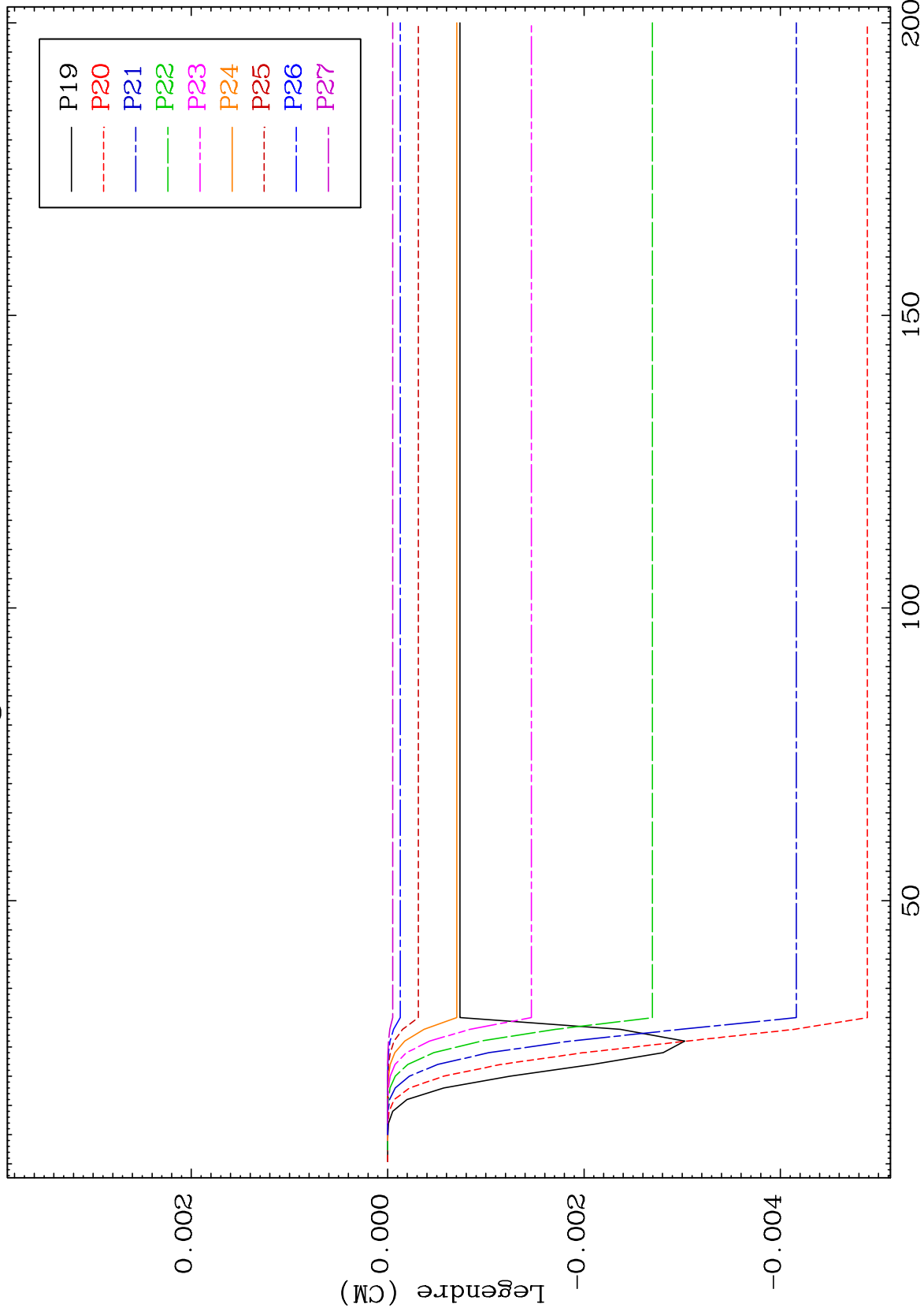
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

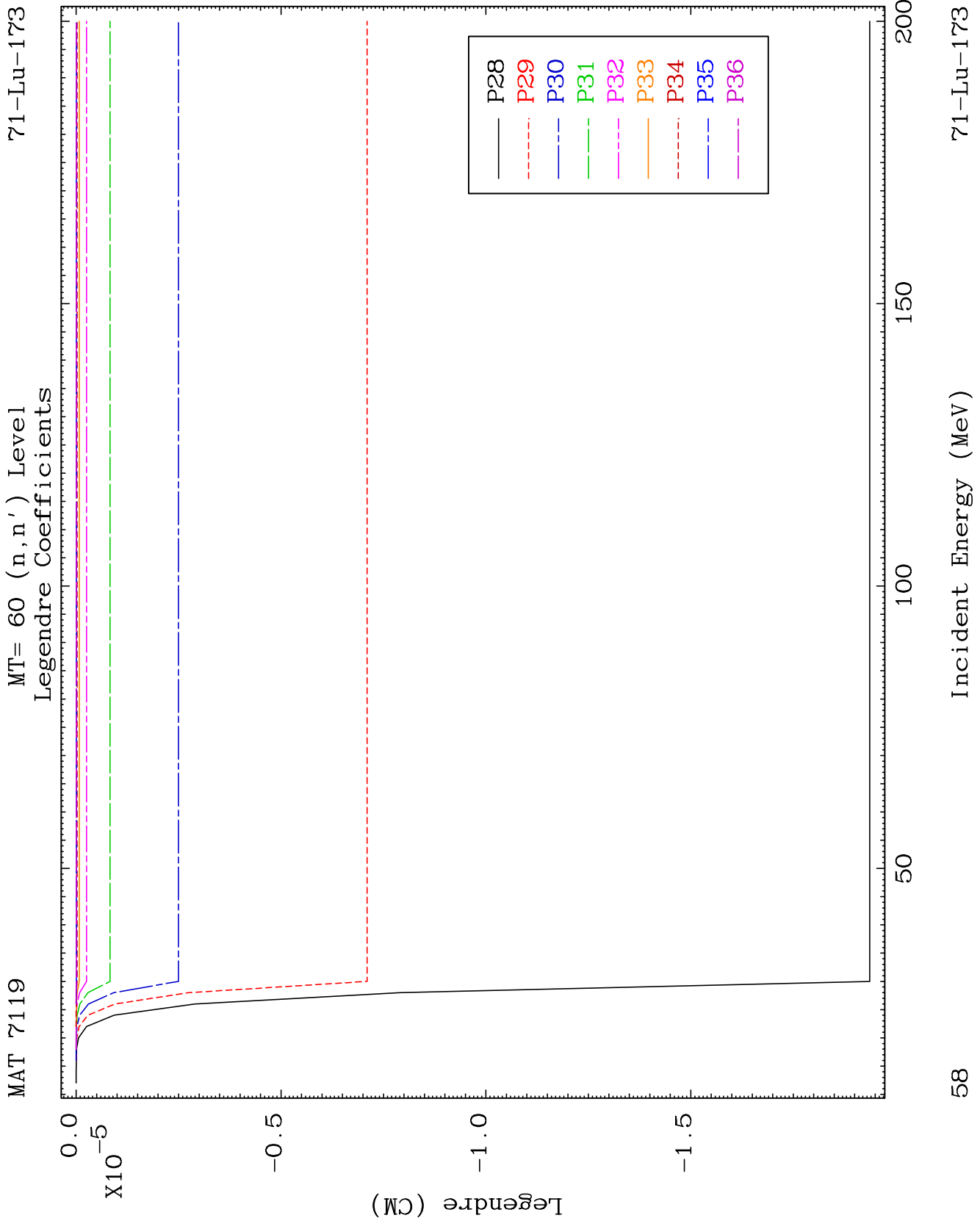
71-Lu-173



57

Incident Energy (MeV)

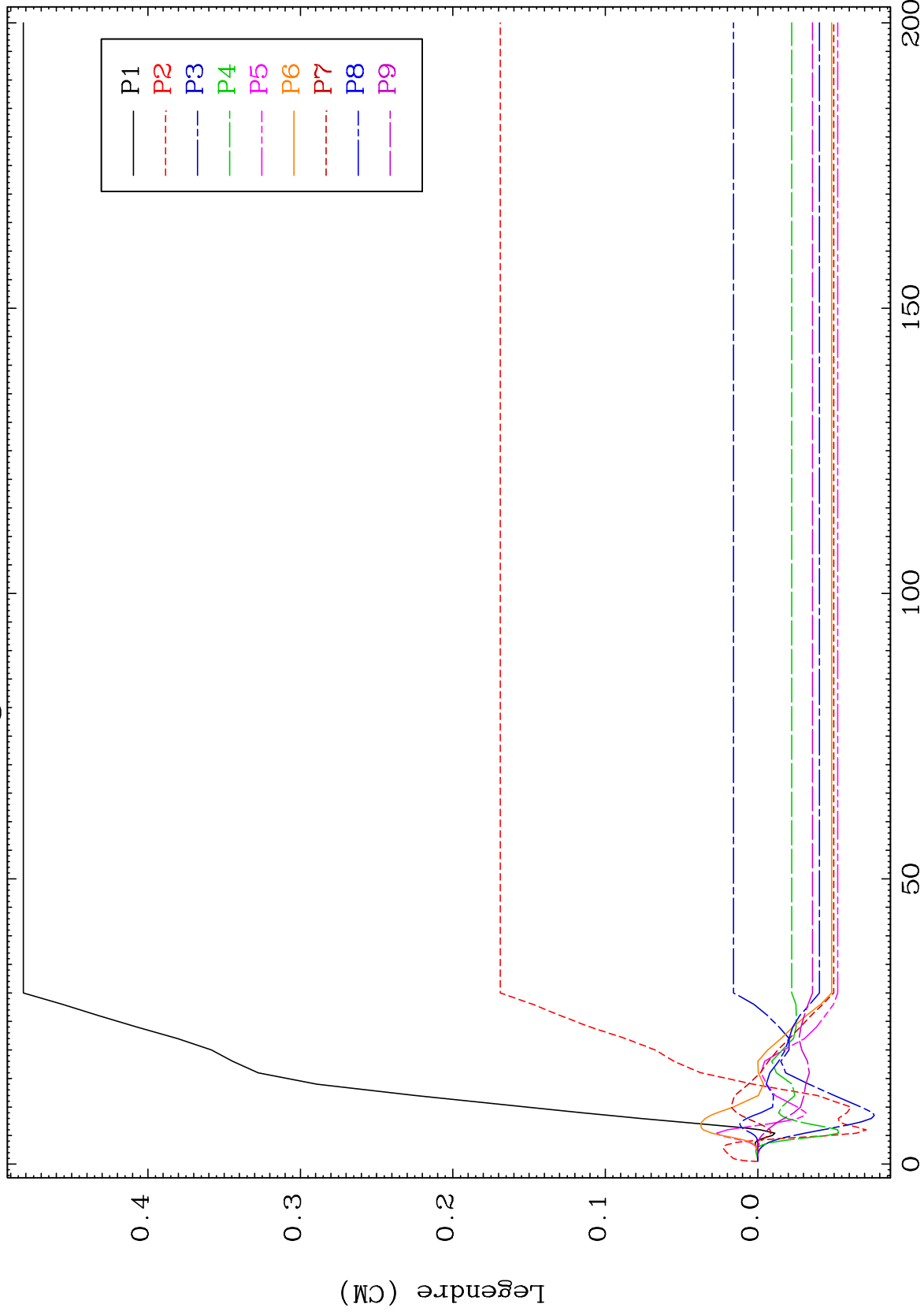
71-Lu-173



MAT 7119

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

71-Lu-173



59

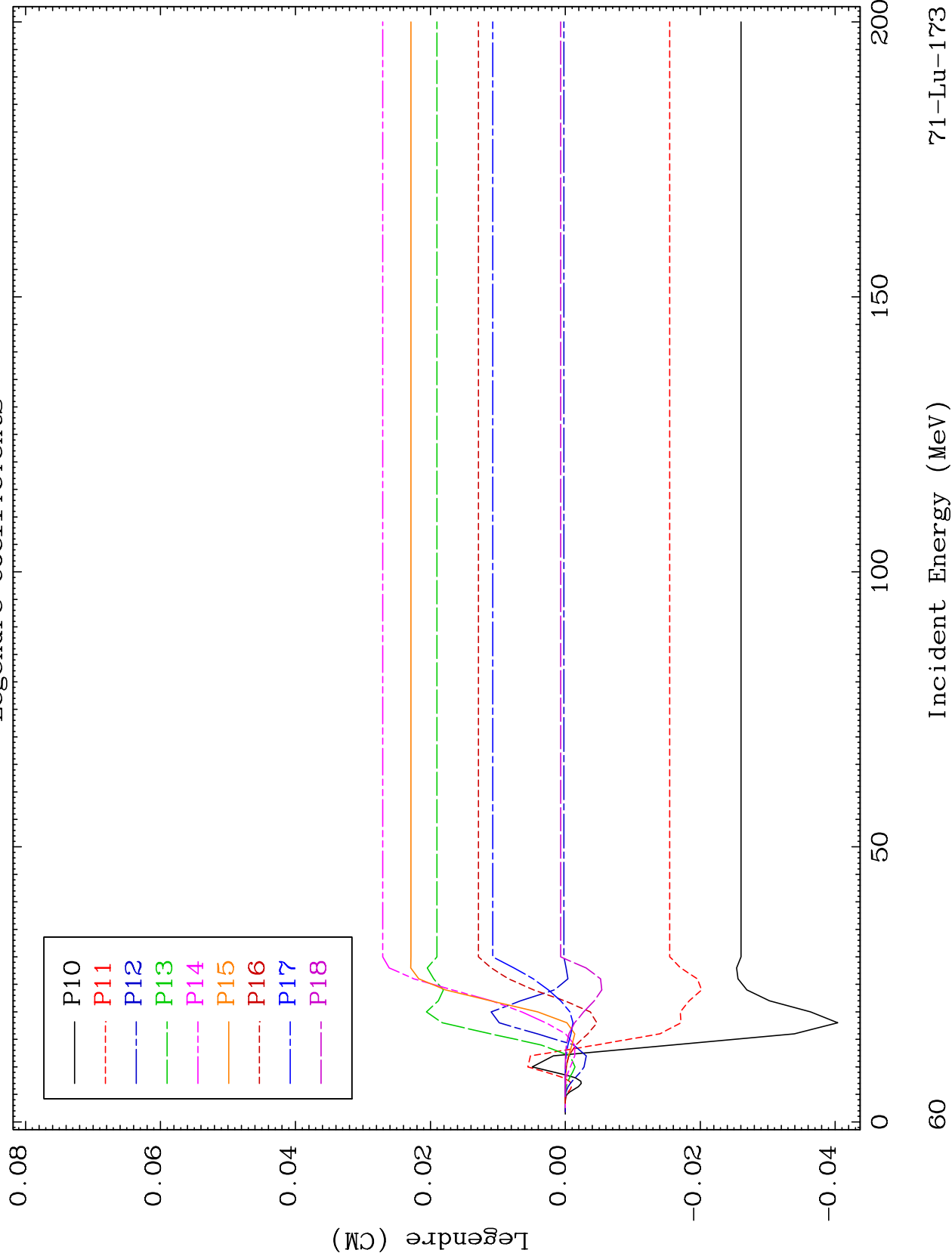
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



71-Lu-173

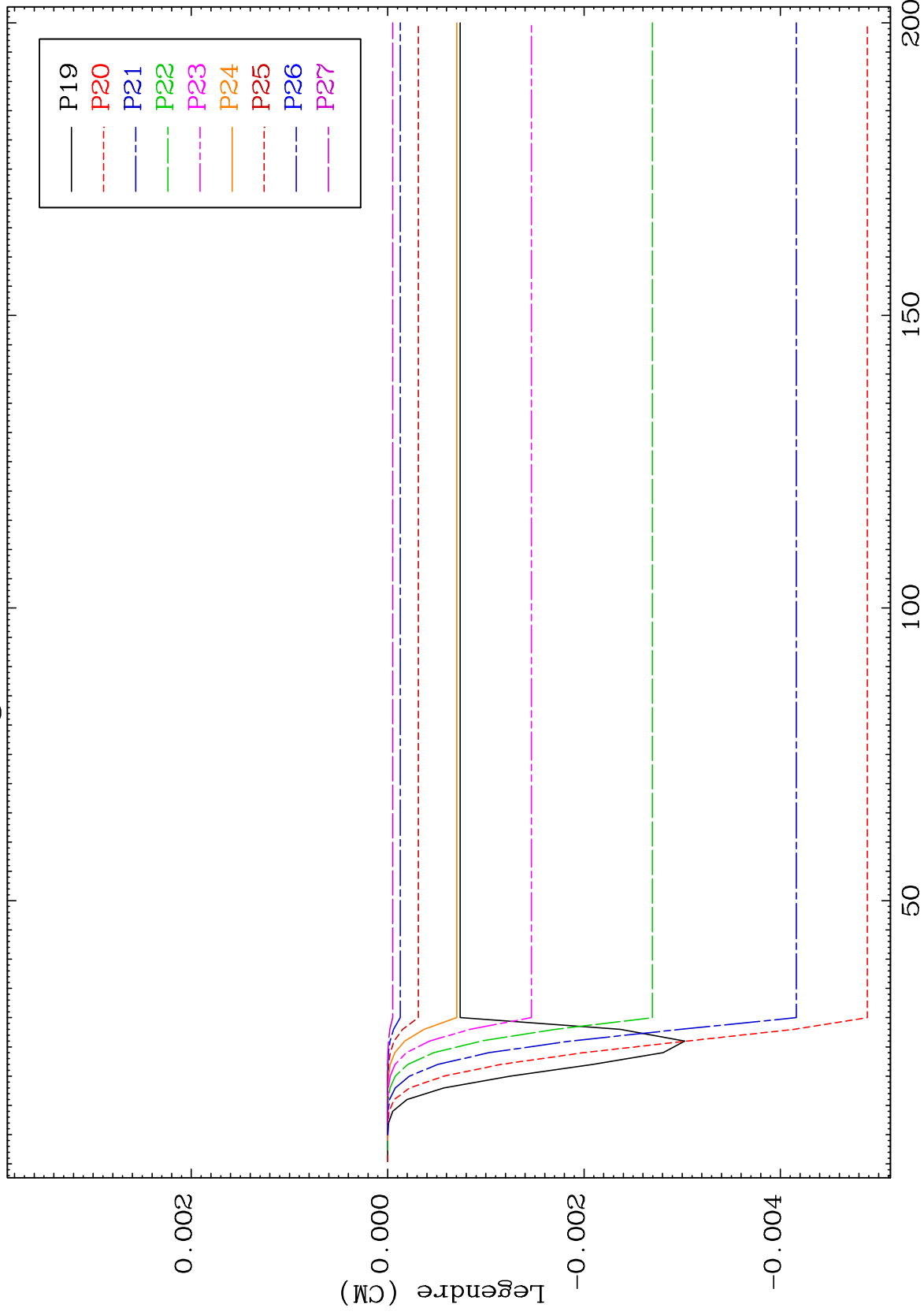
Incident Energy (MeV)

60

MAT 7119

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

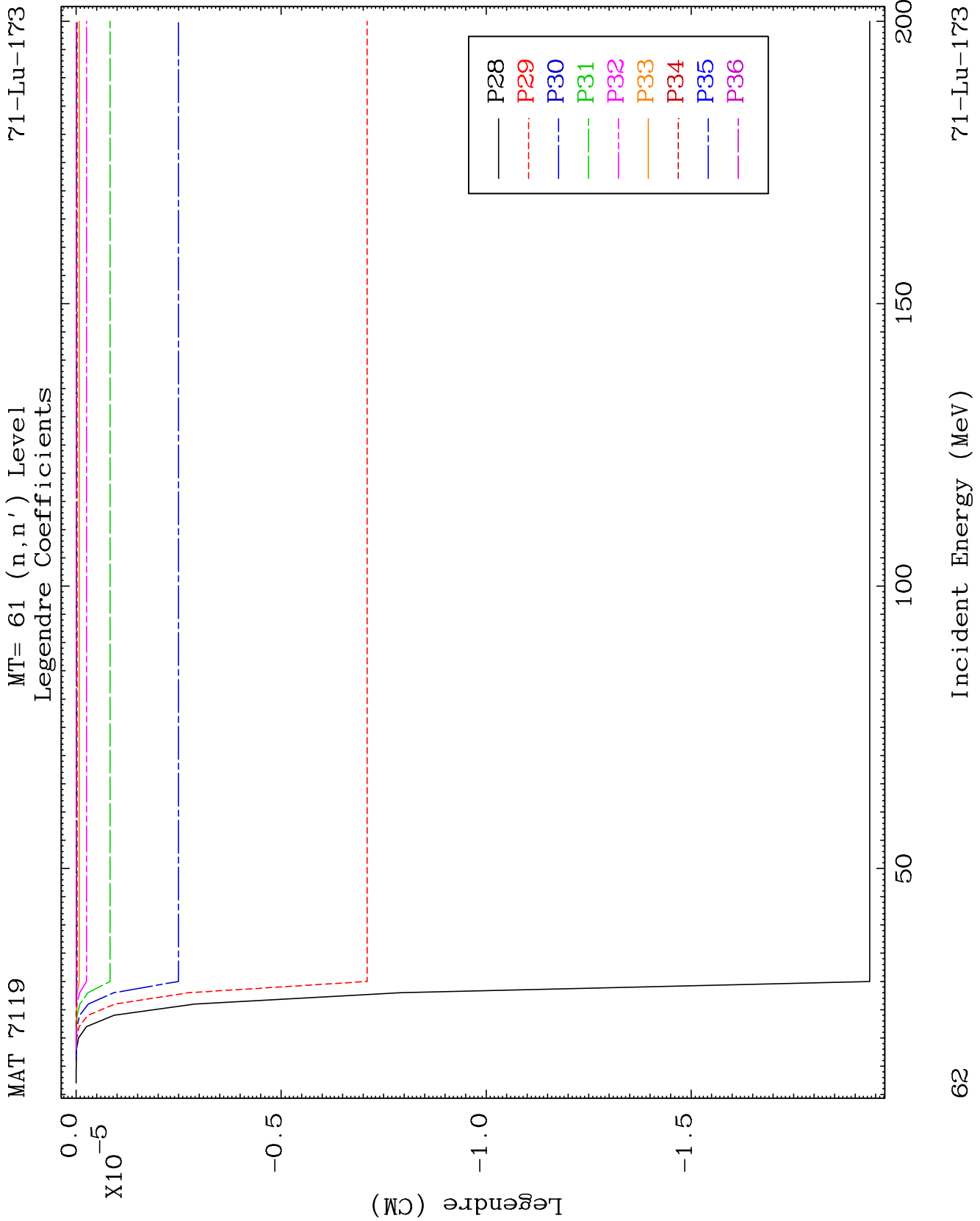
71-Lu-173



61

Incident Energy (MeV)

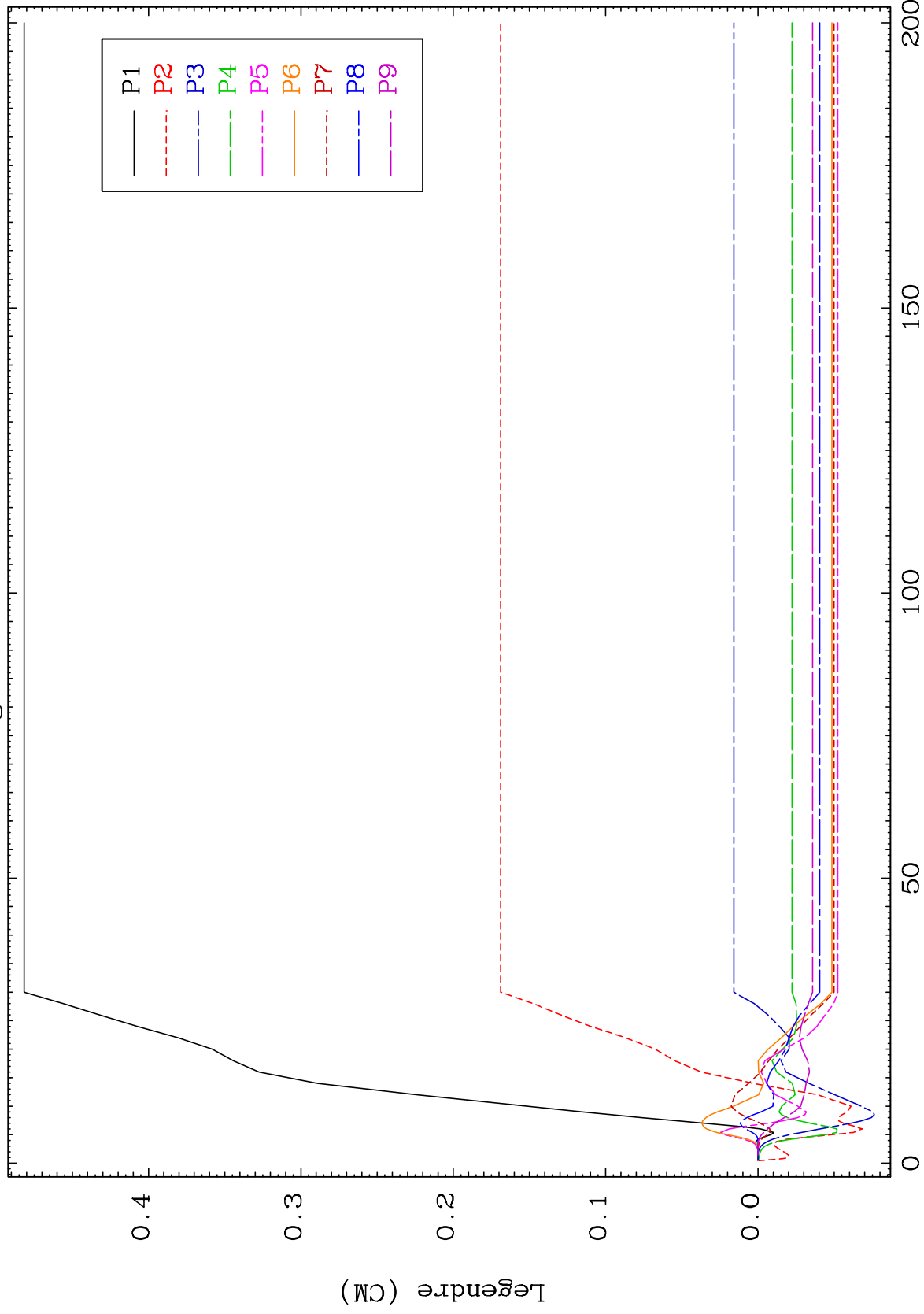
71-Lu-173



MAT 7119

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

71-Lu-173



71-Lu-173

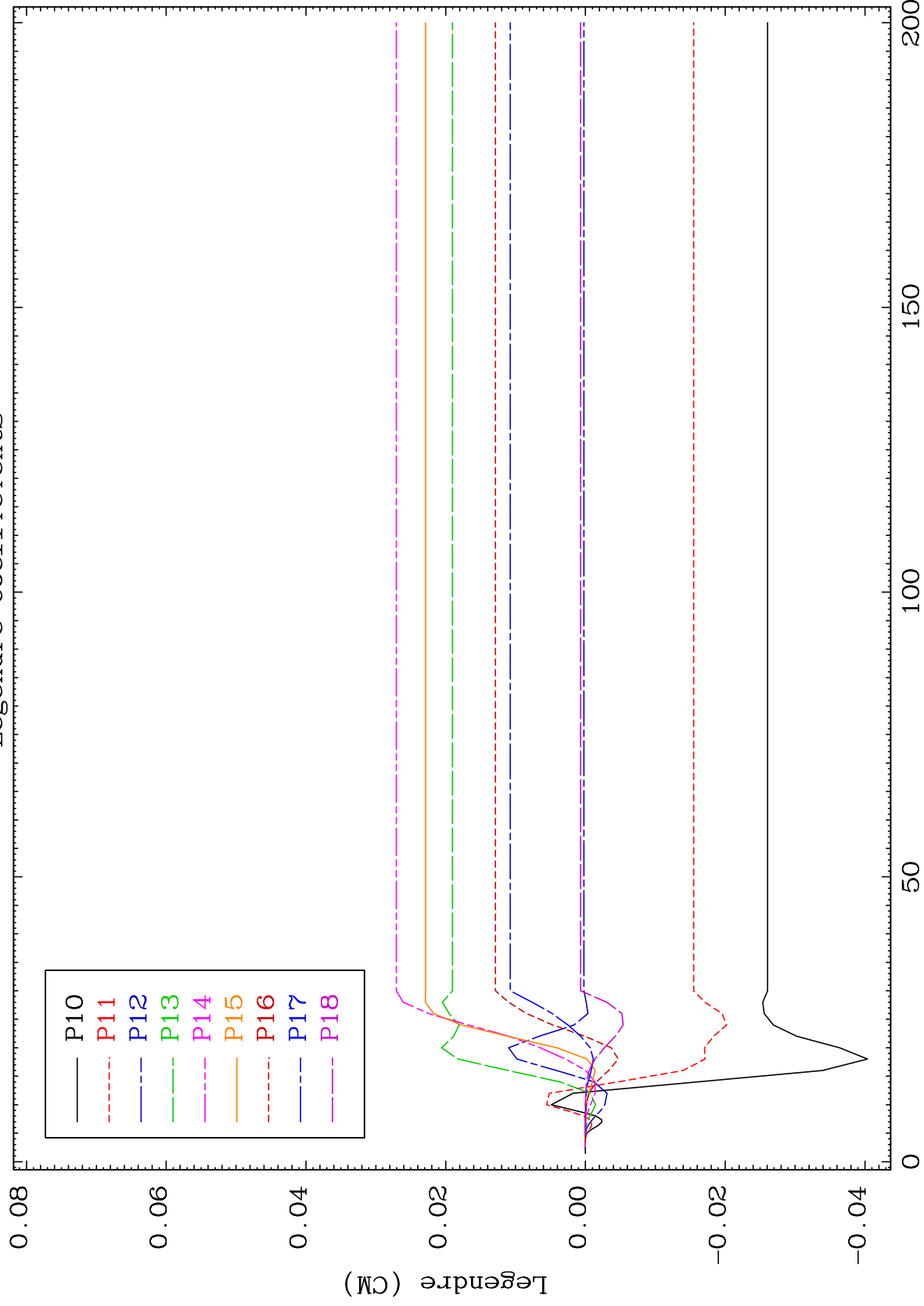
Incident Energy (MeV)

63

MAT 7119

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

71-Lu-173



64

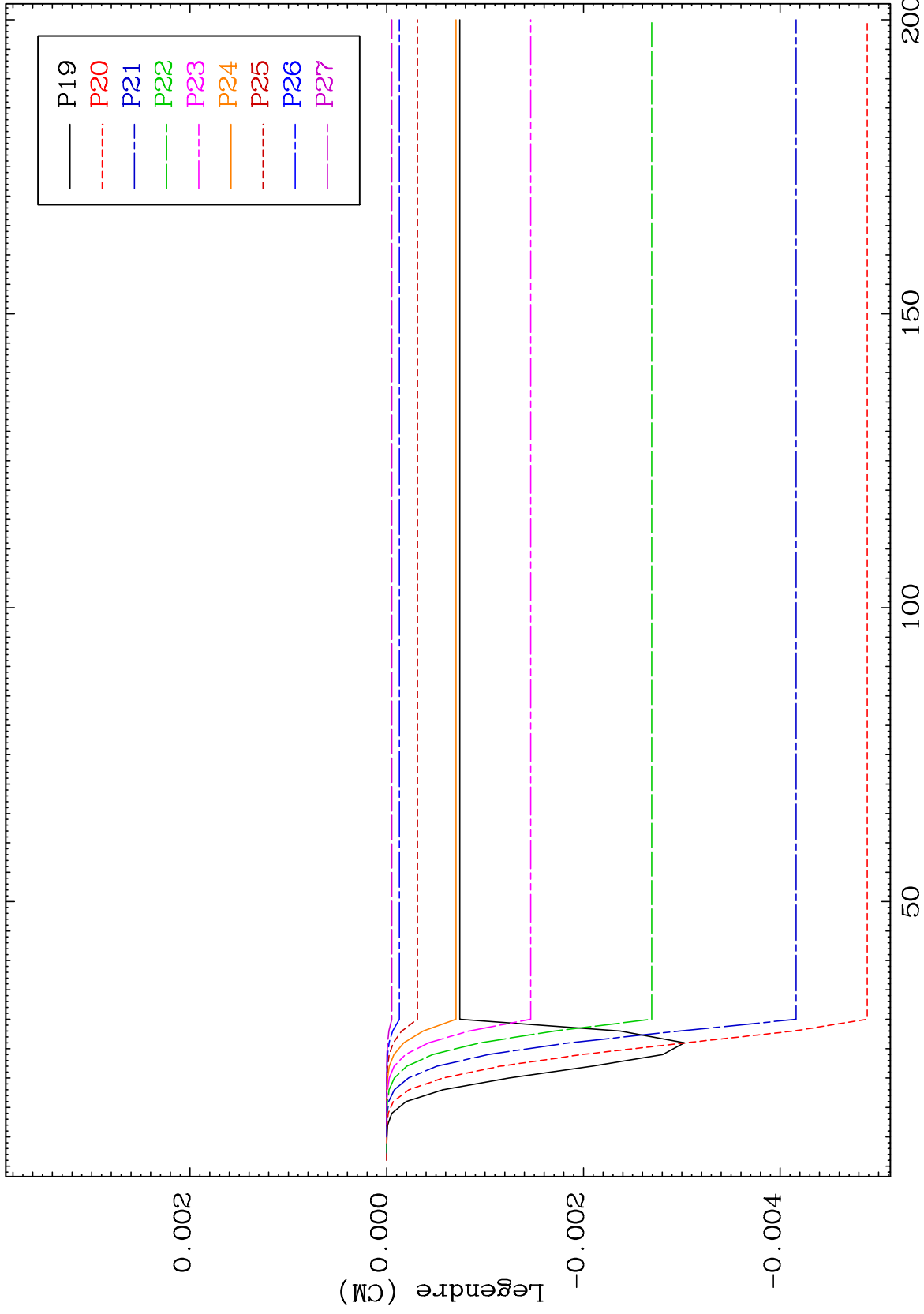
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

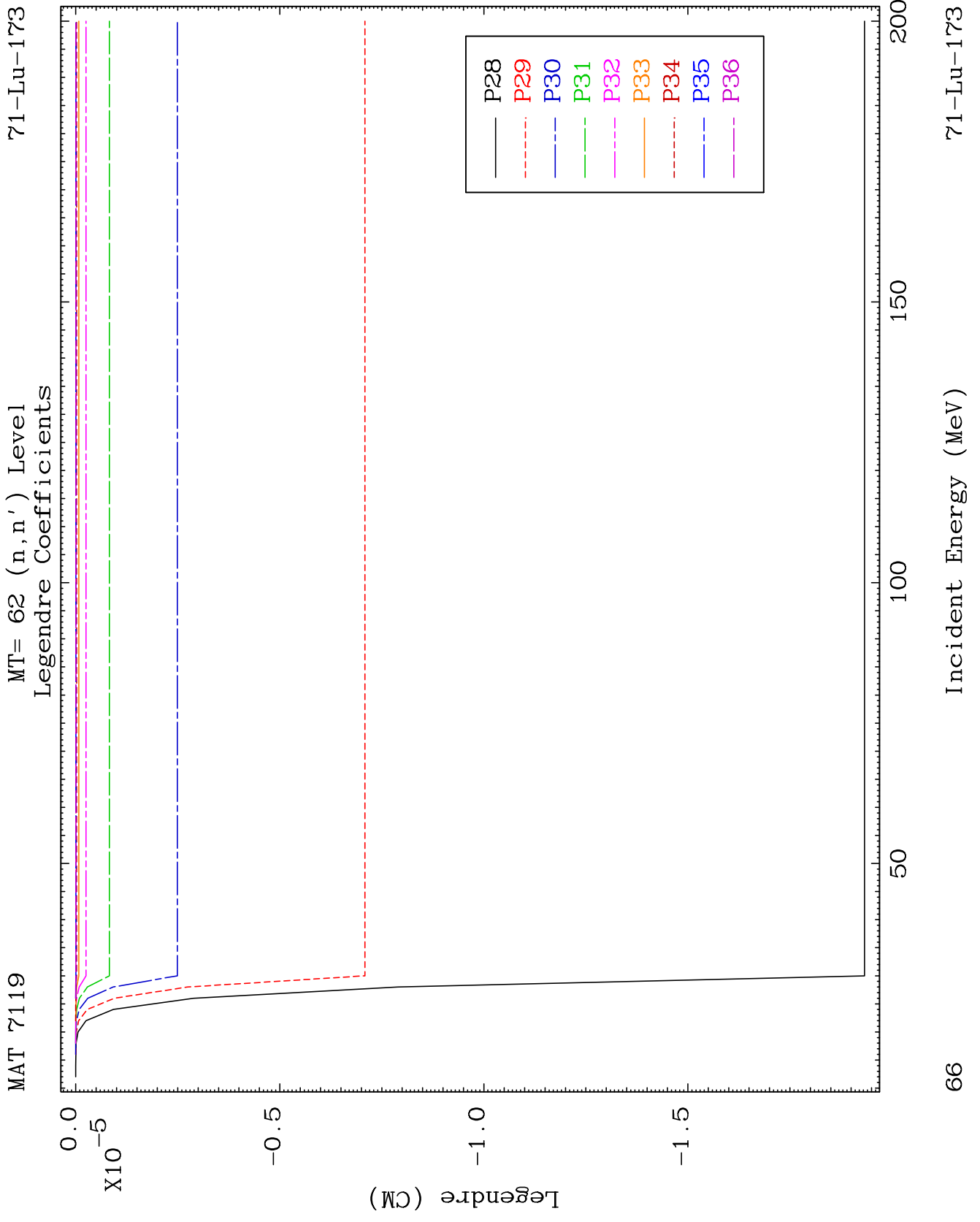
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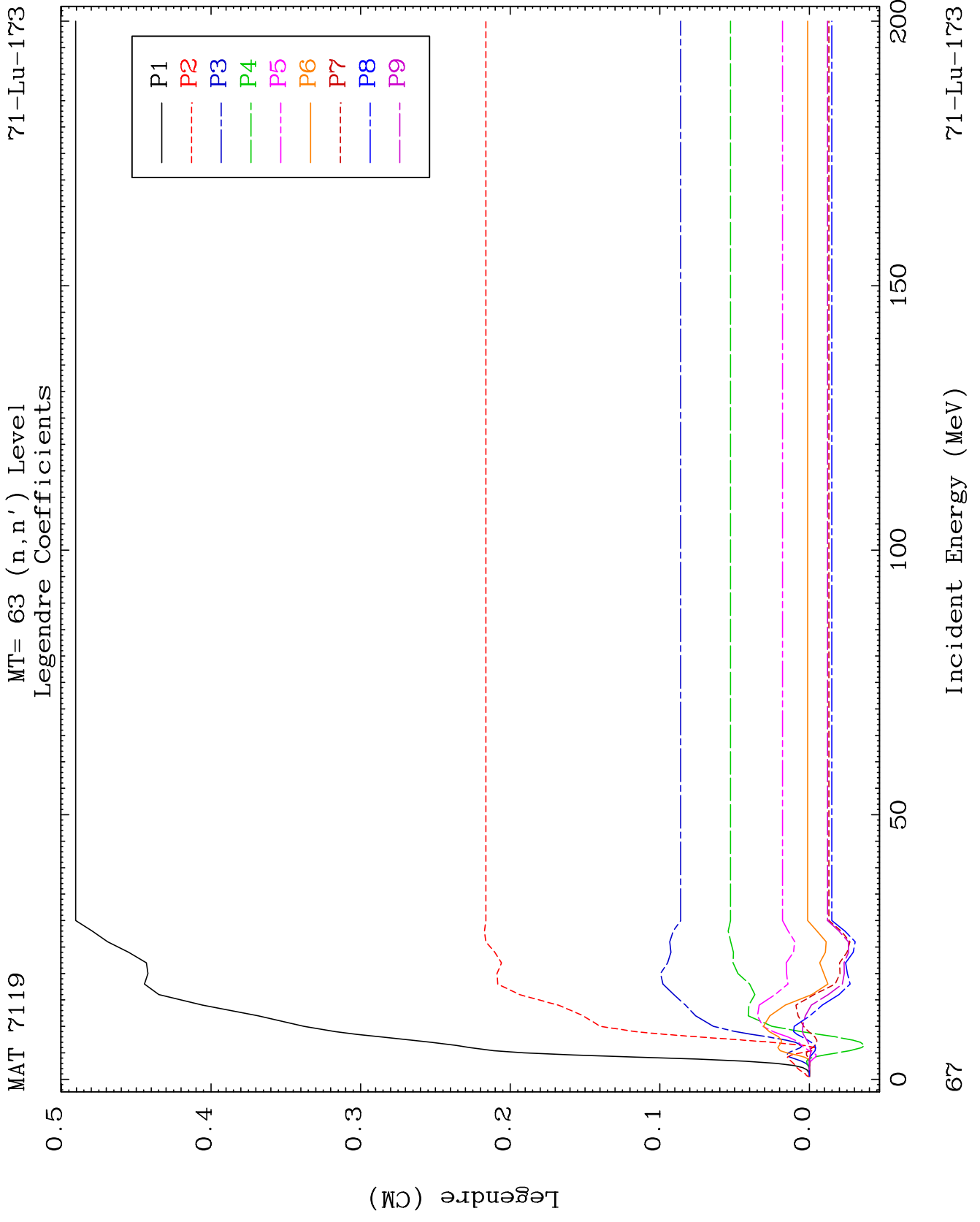


65

Incident Energy (MeV)

71-Lu-173

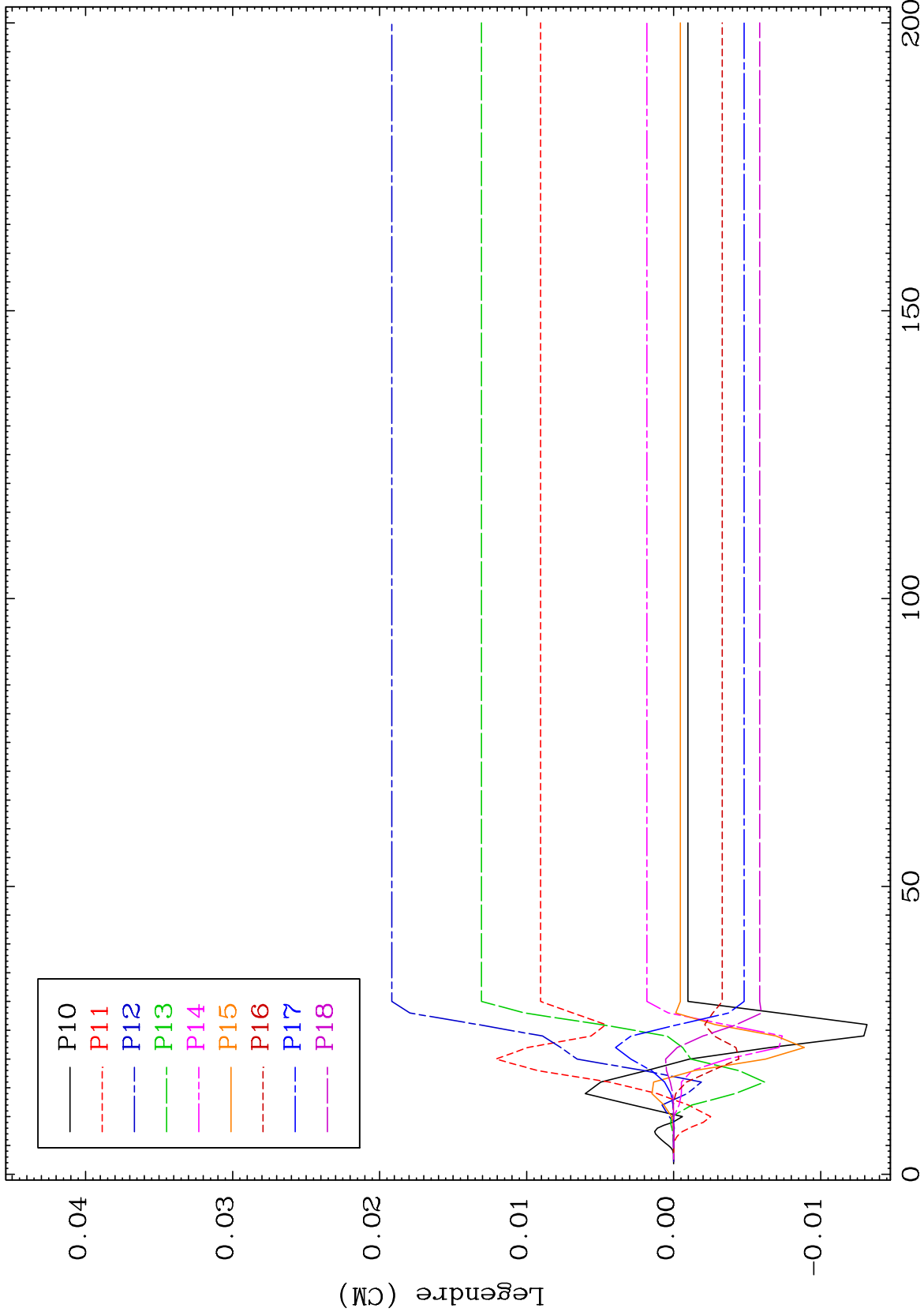




MAT 71119

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

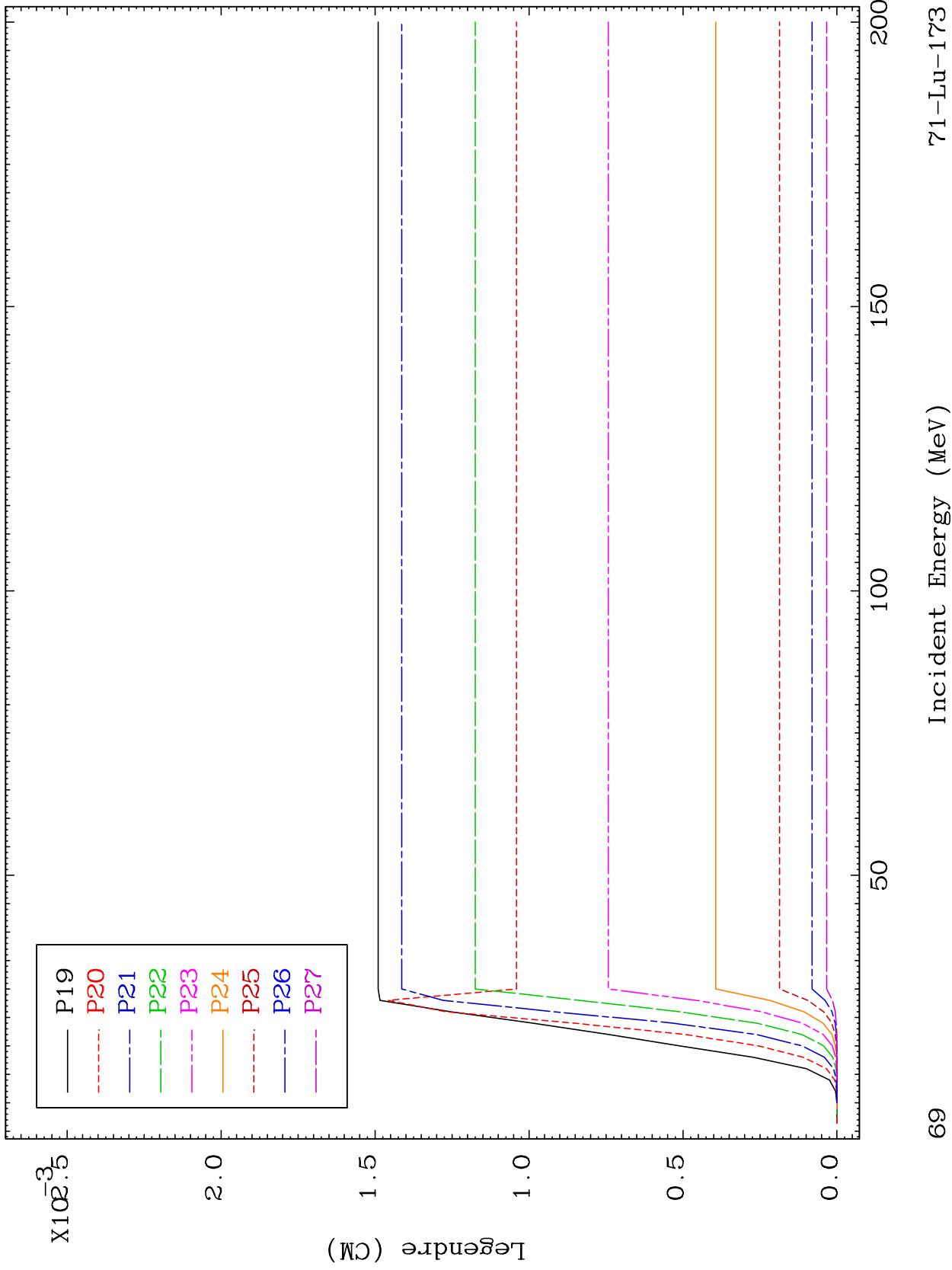
71-Lu-173



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Incident Energy (MeV)

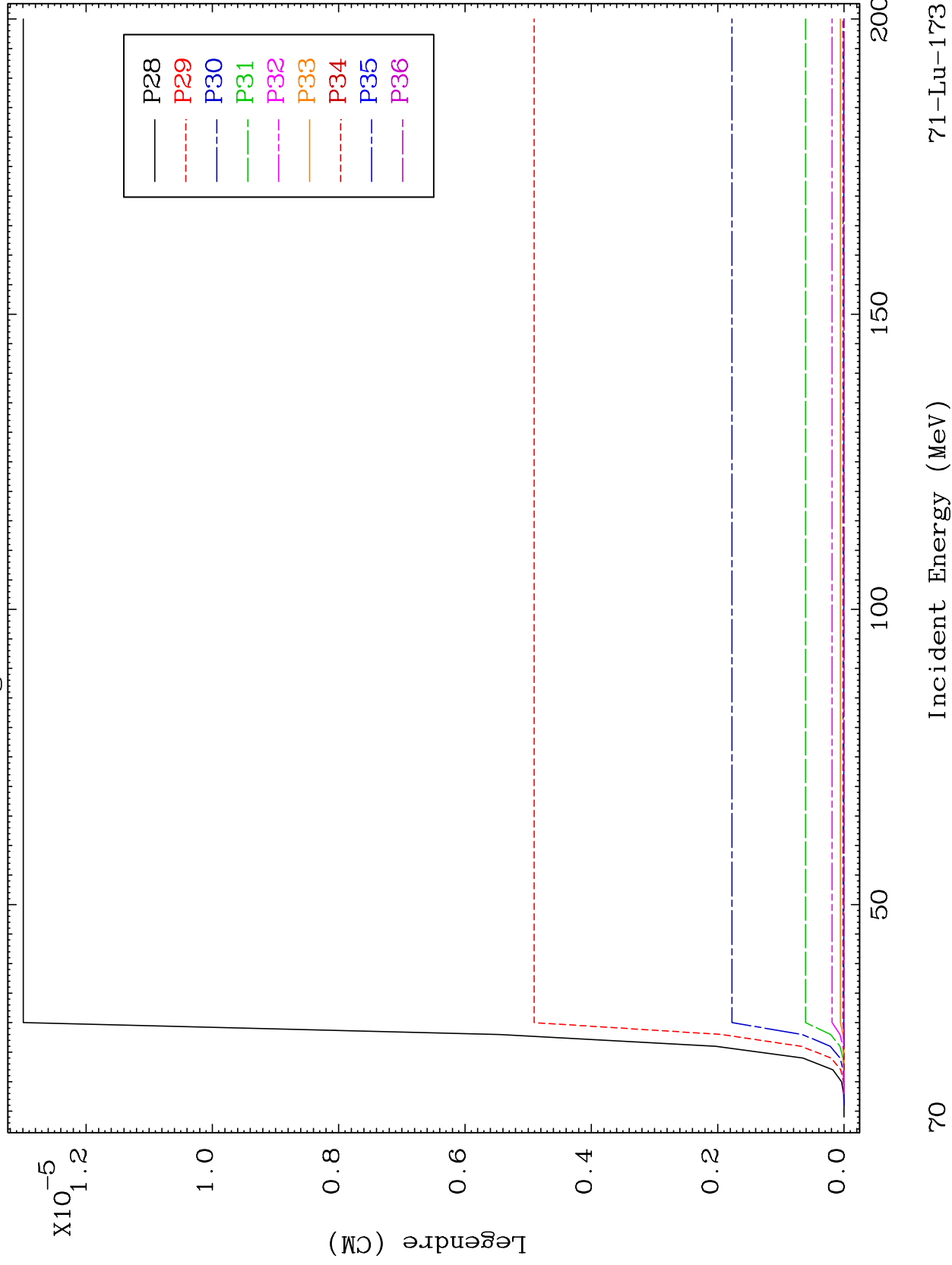
71-Lu-173

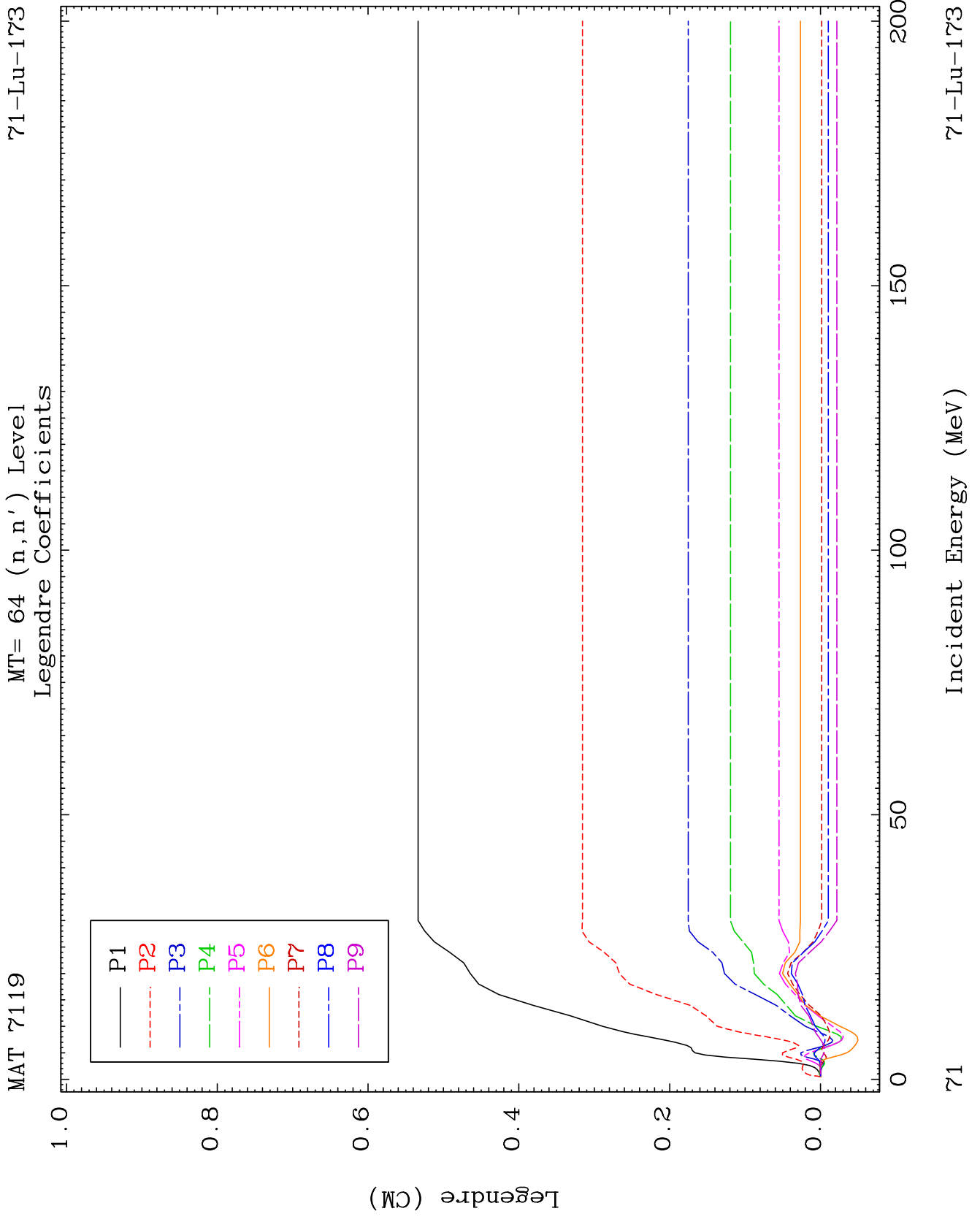


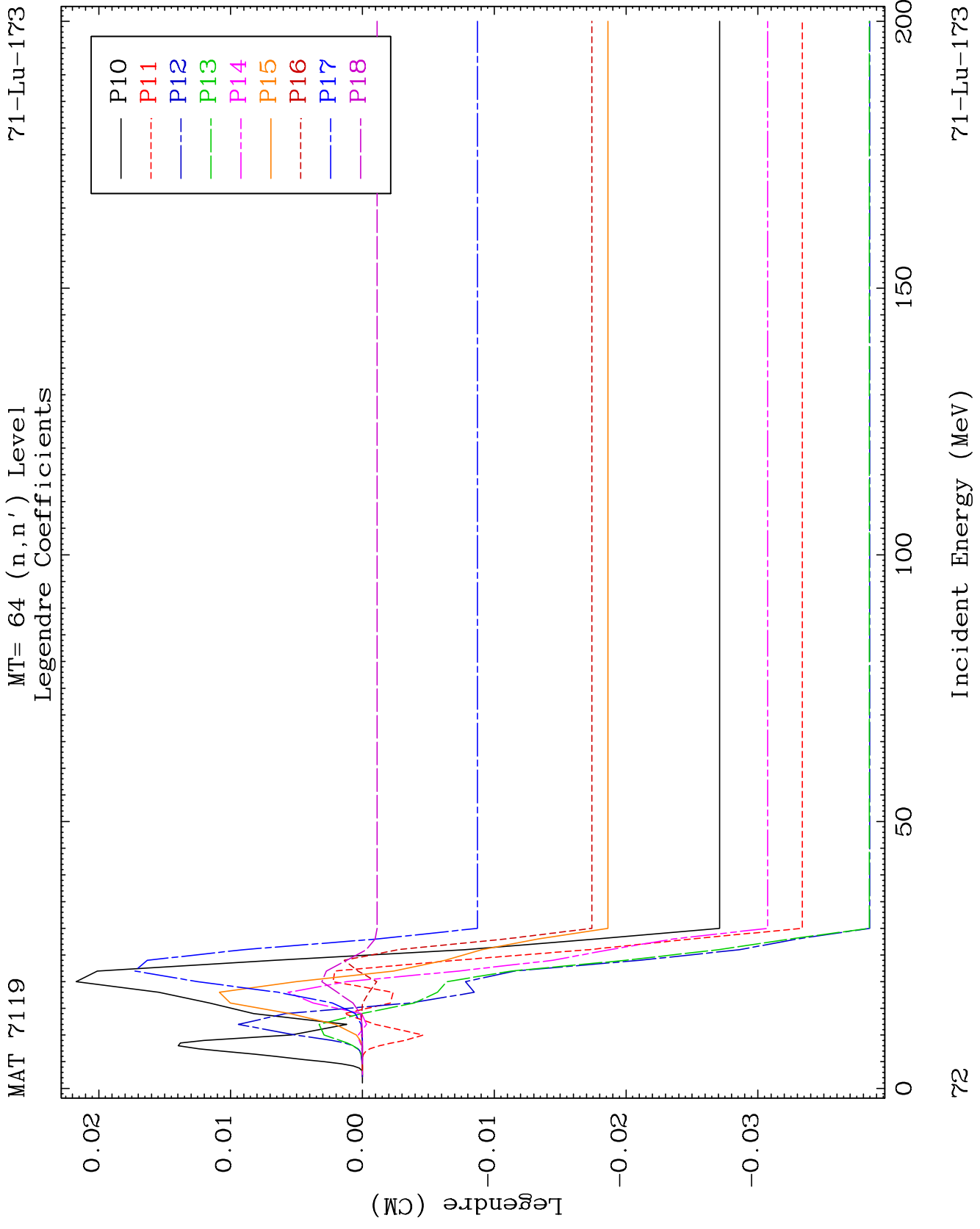
MAT 7119

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

71-Lu-173



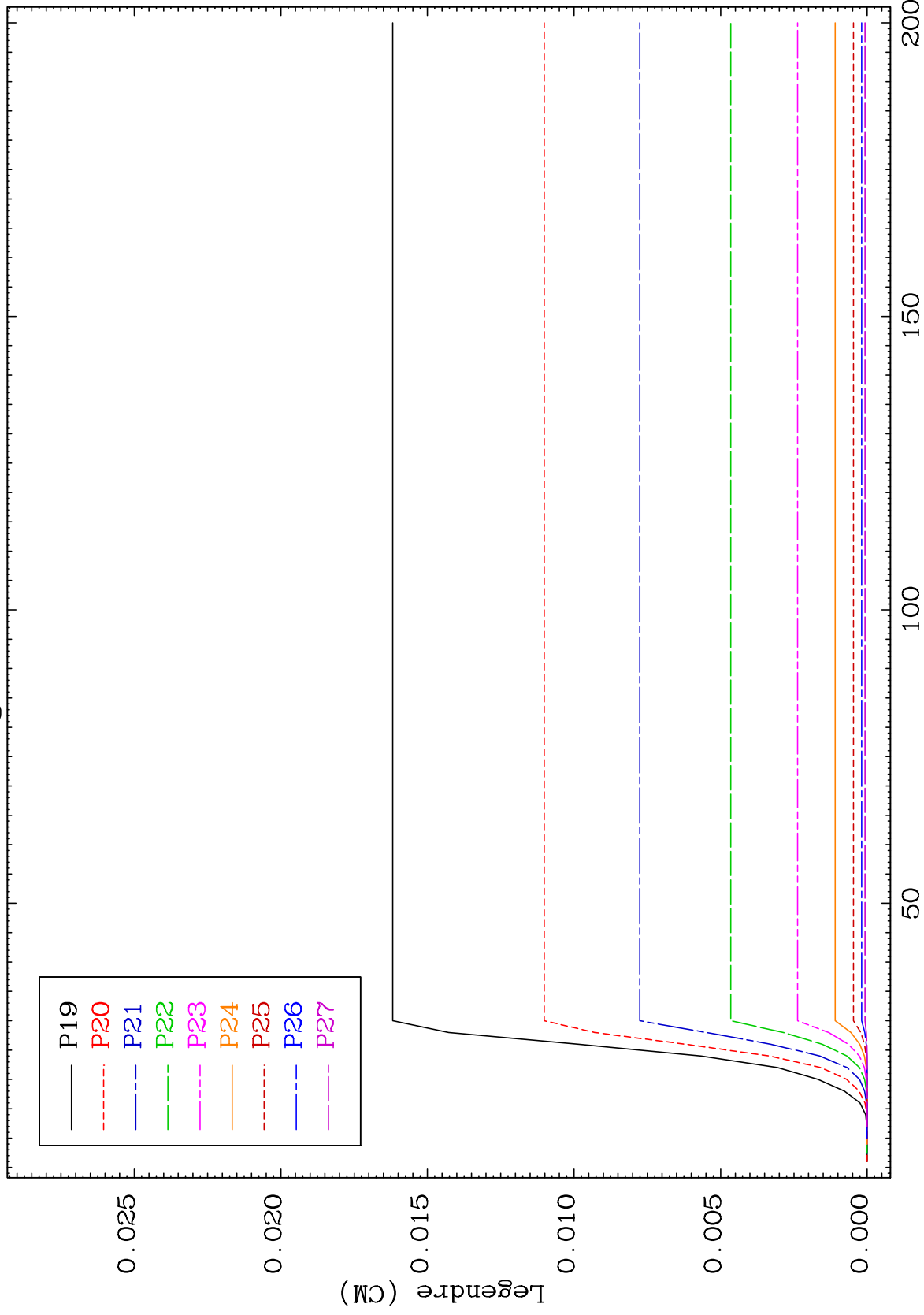




MAT 7119

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

71-Lu-173



73

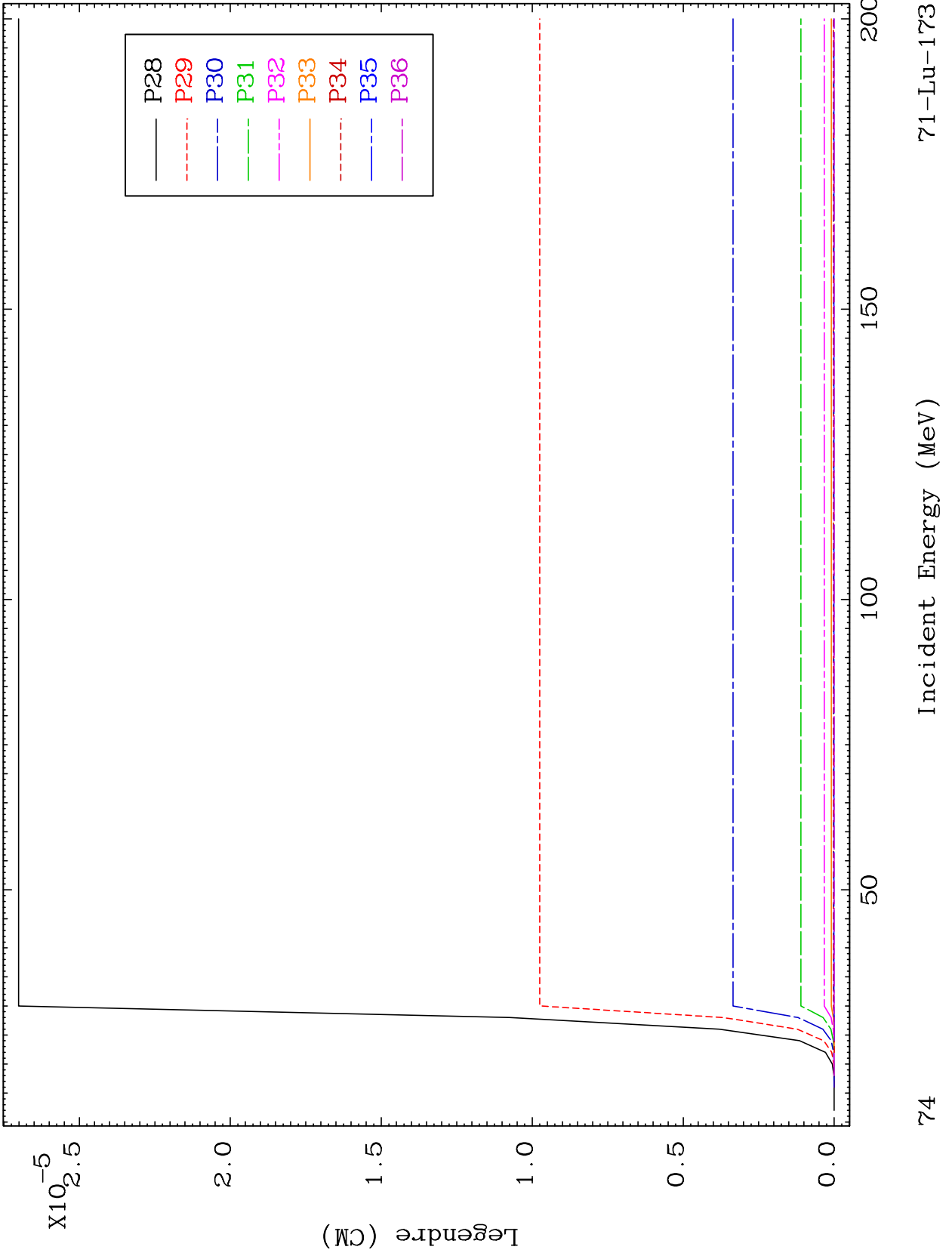
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



74

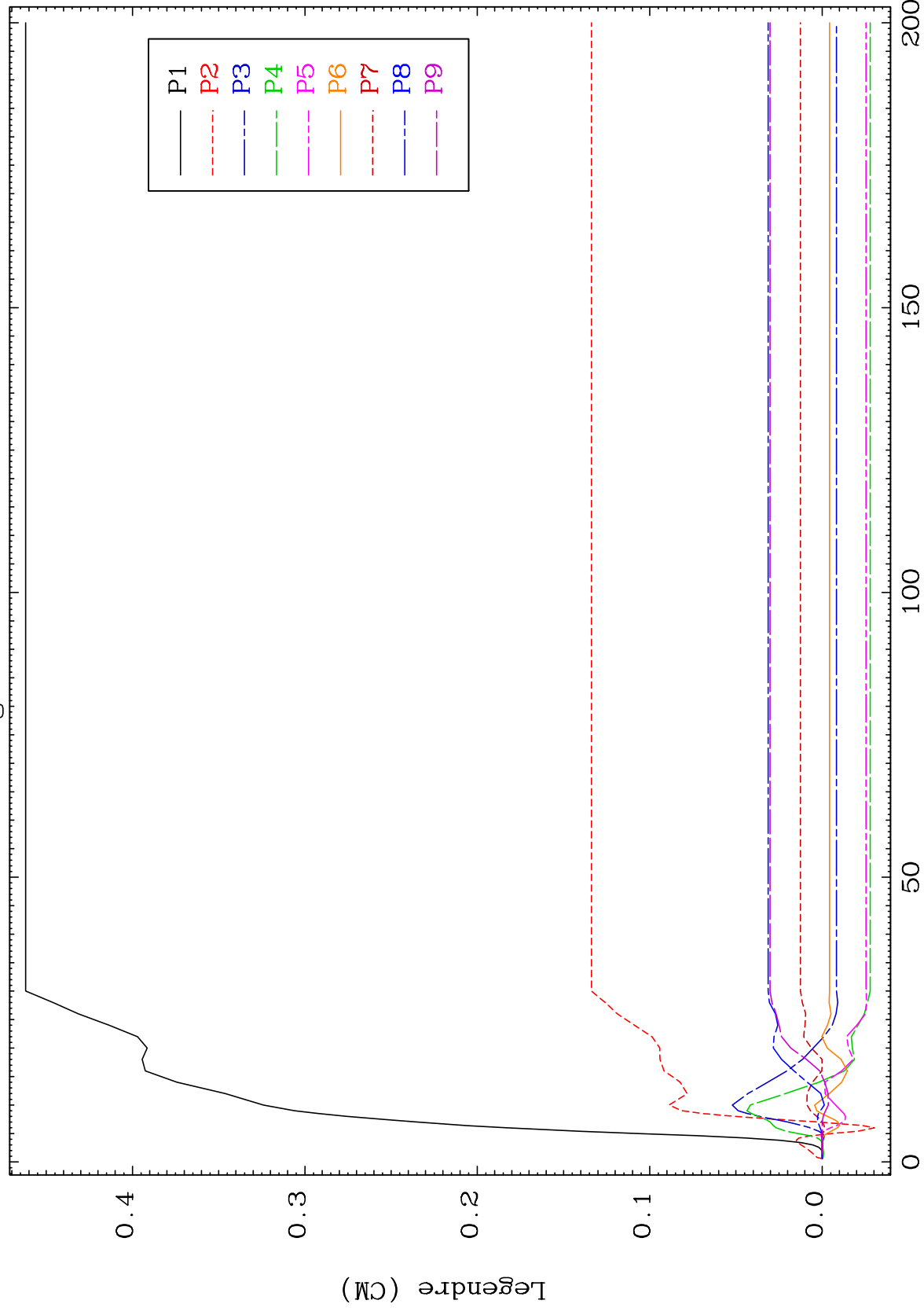
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



71-Lu-173

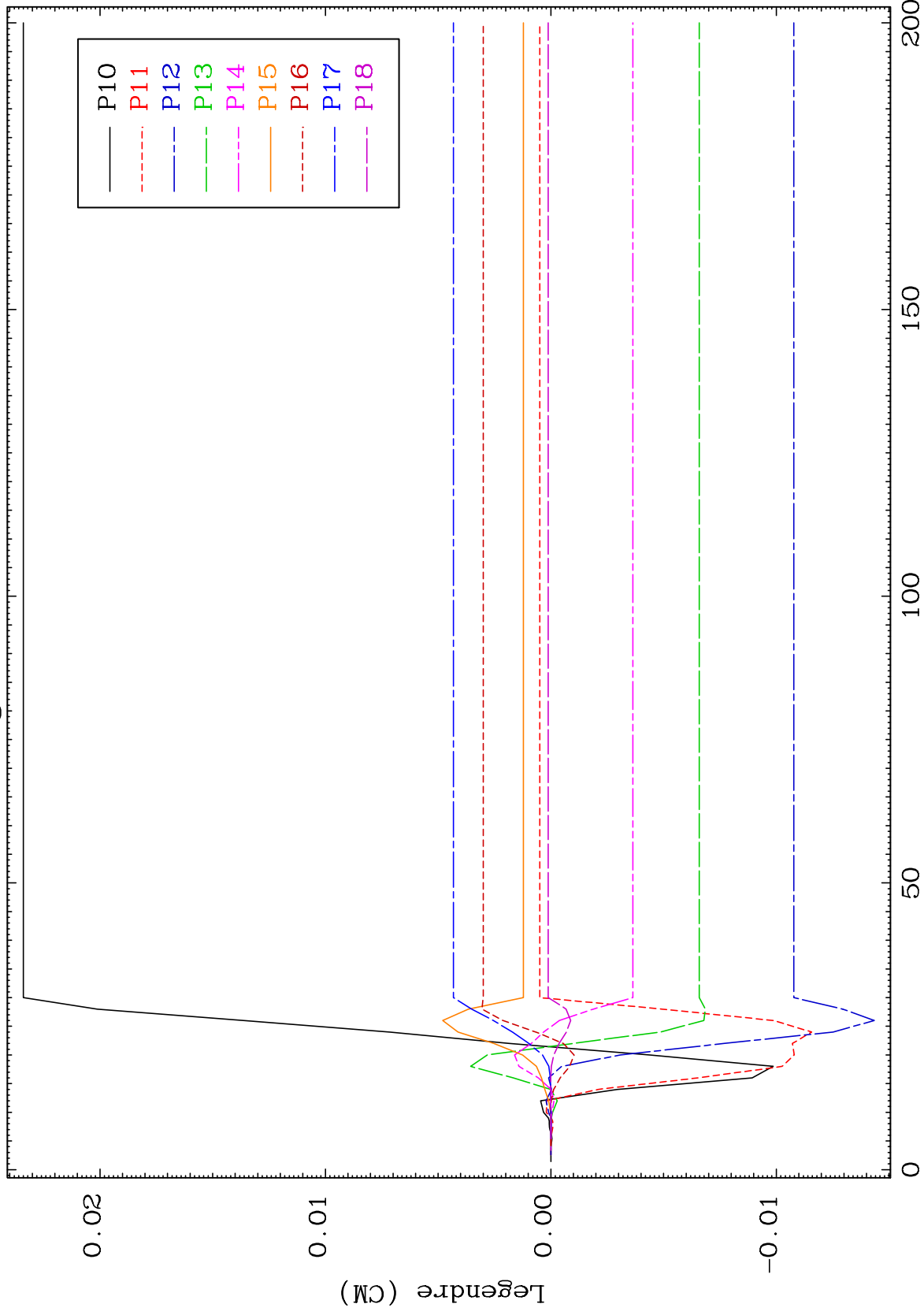
Incident Energy (MeV)

75

MAT 7119

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

71-Lu-173



76

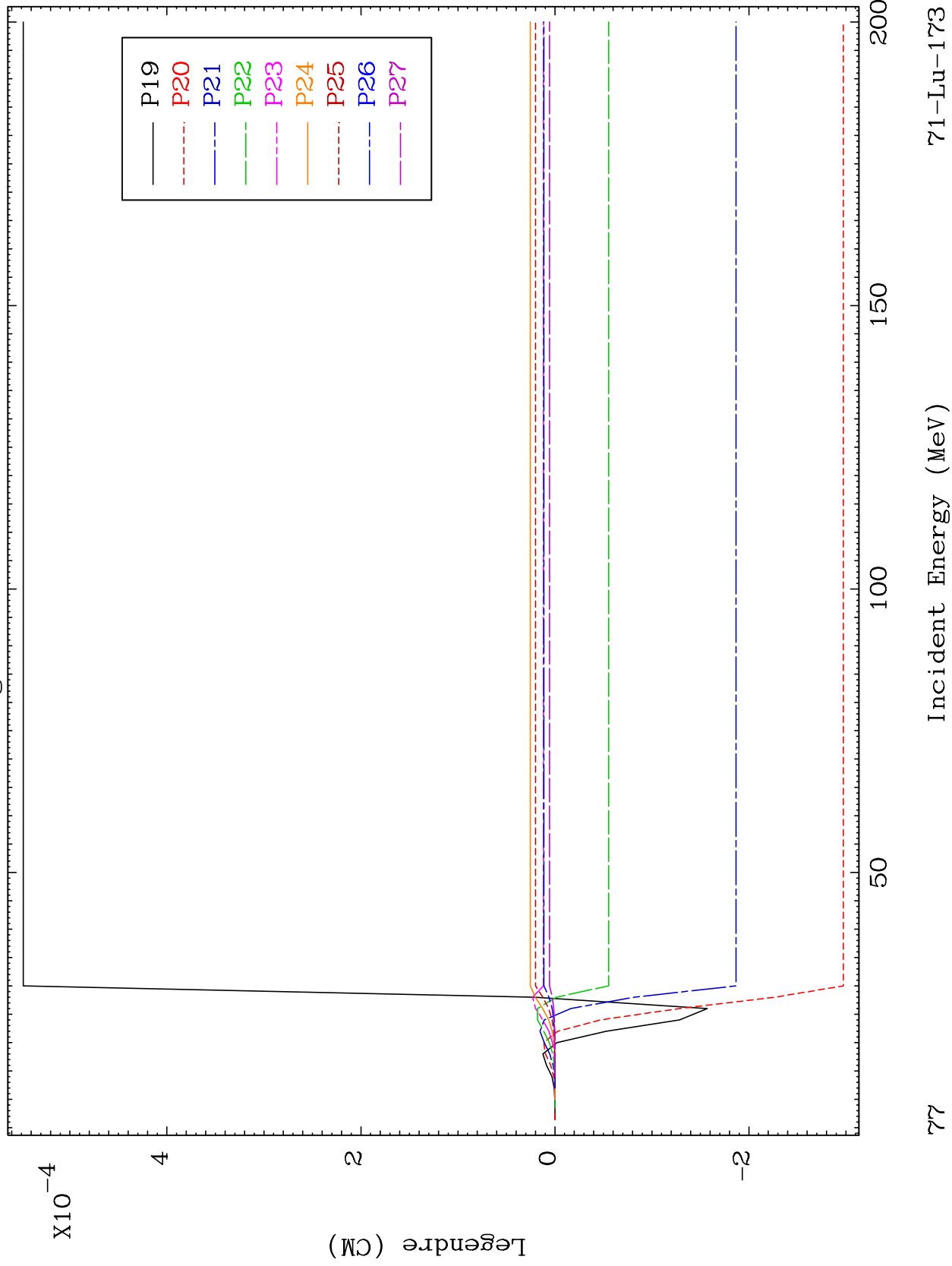
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



77

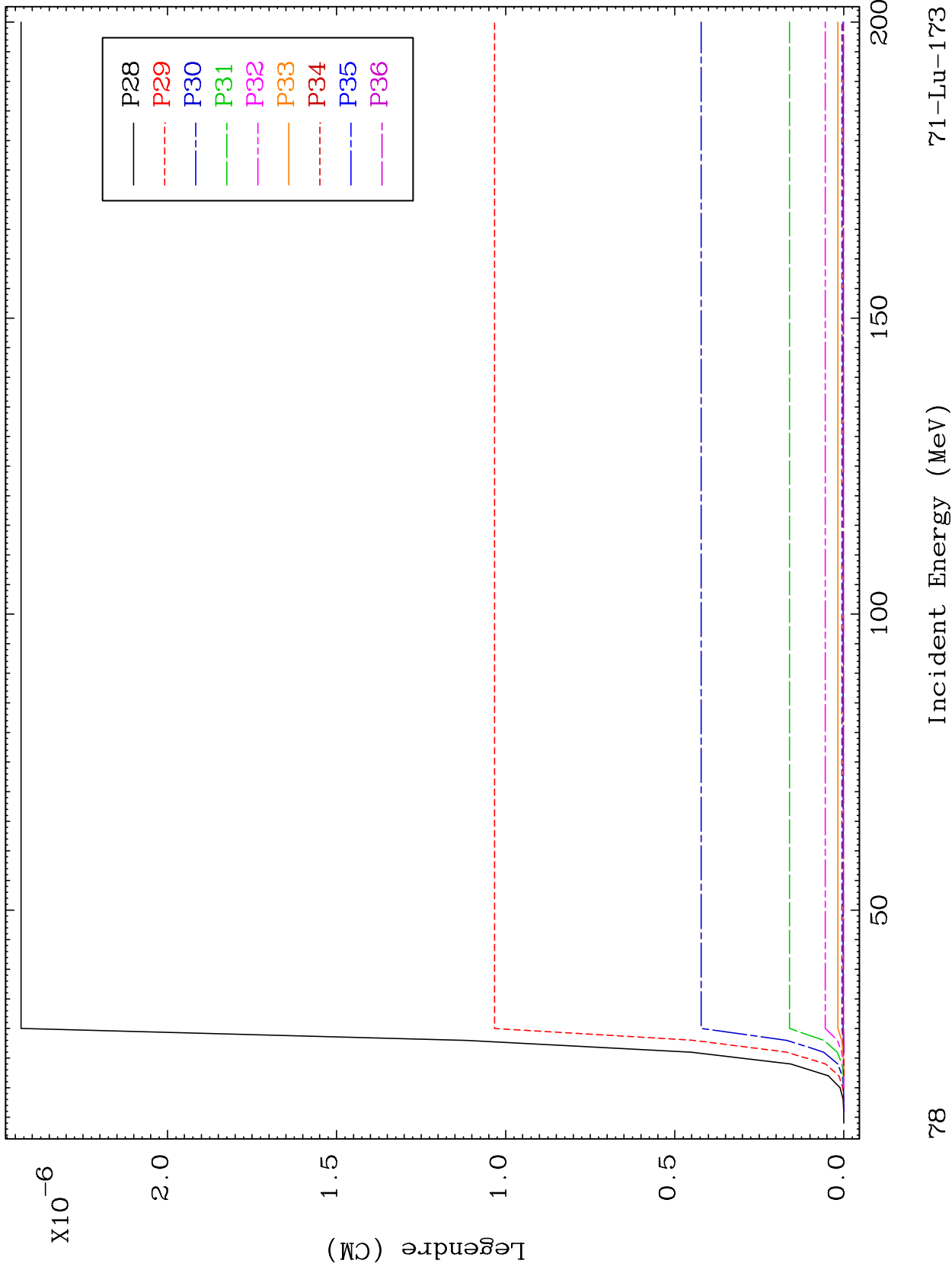
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



78

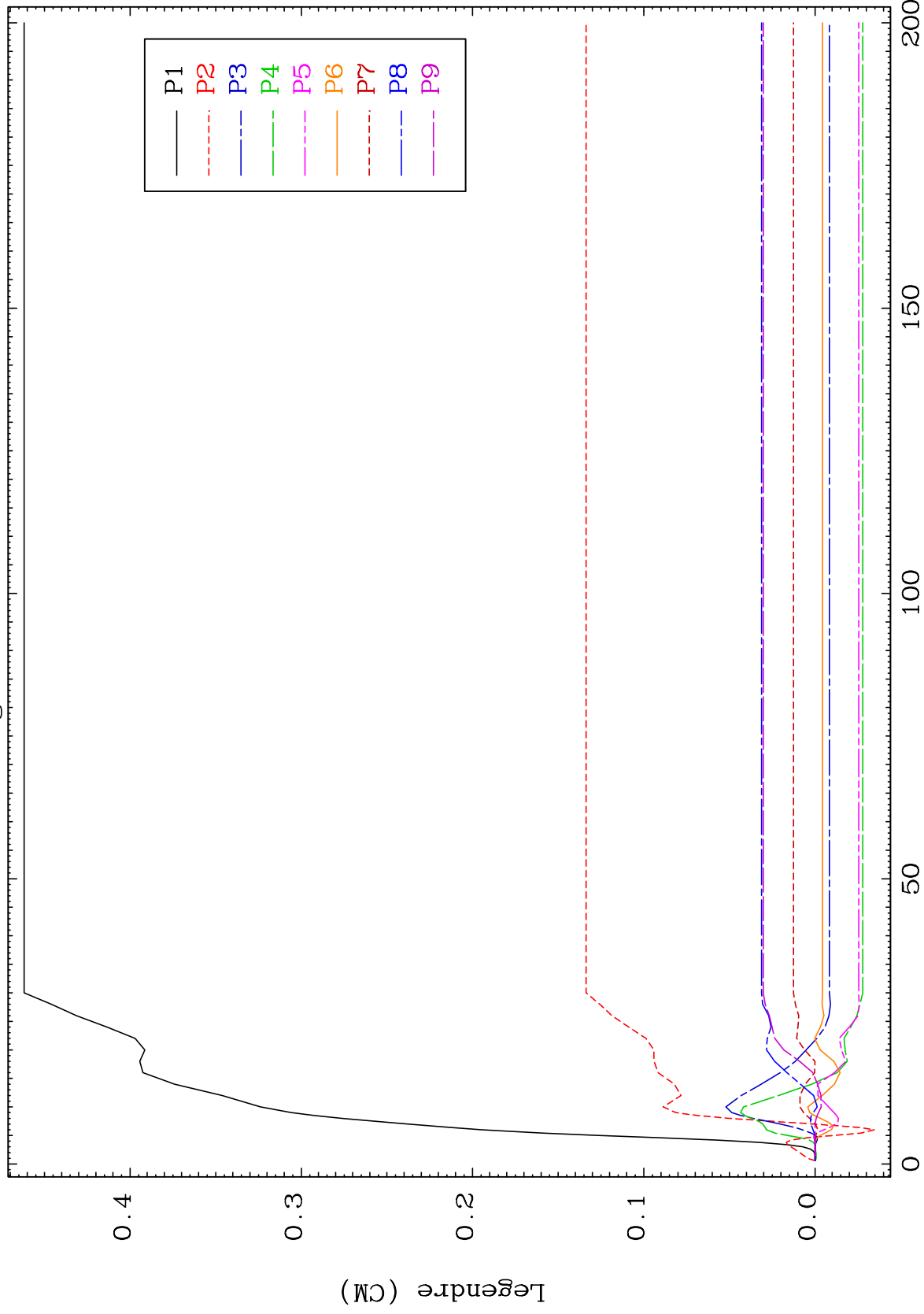
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



79

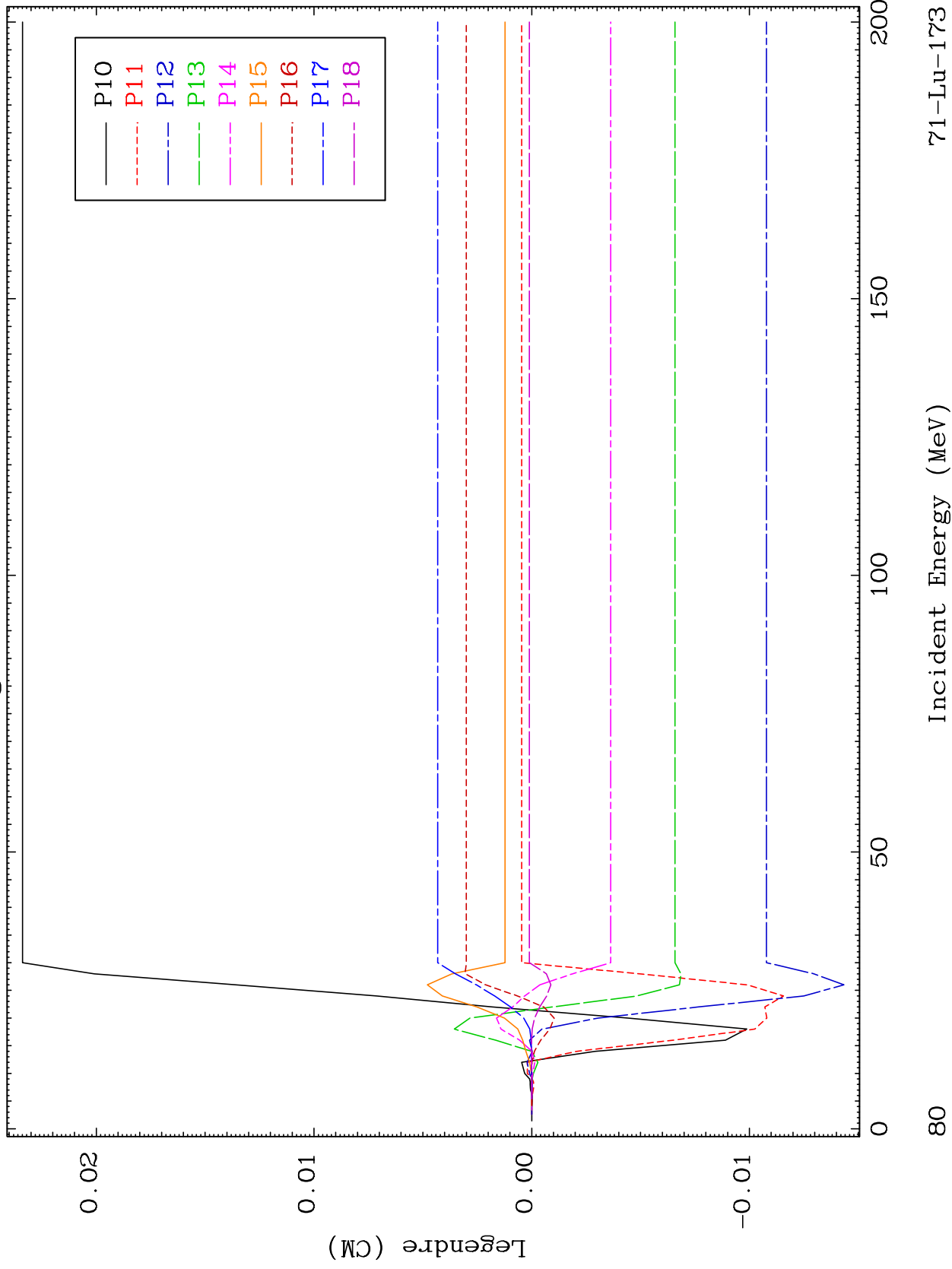
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



71-Lu-173

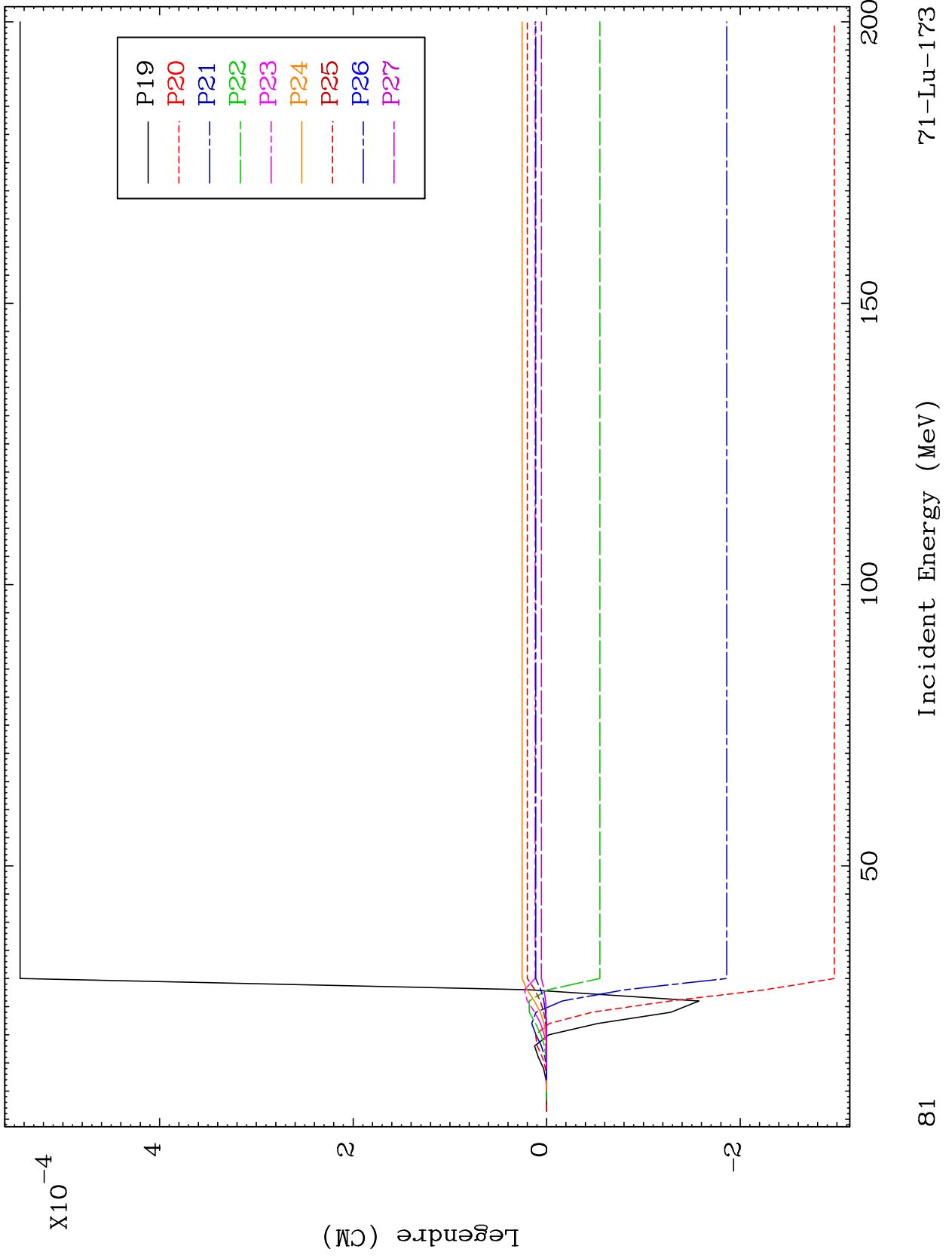
Incident Energy (MeV)

80

MAT 7119

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

71-Lu-173



81

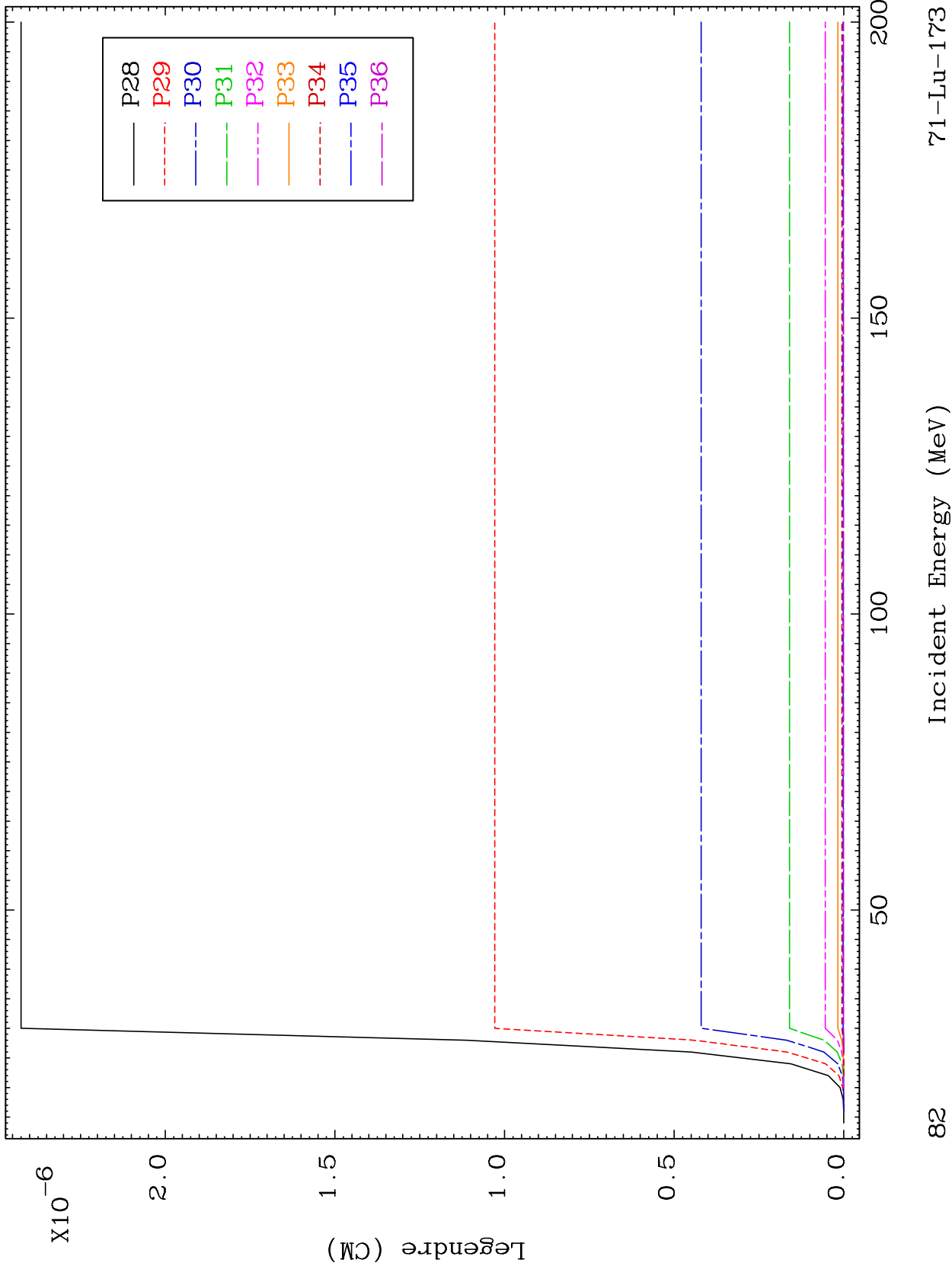
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



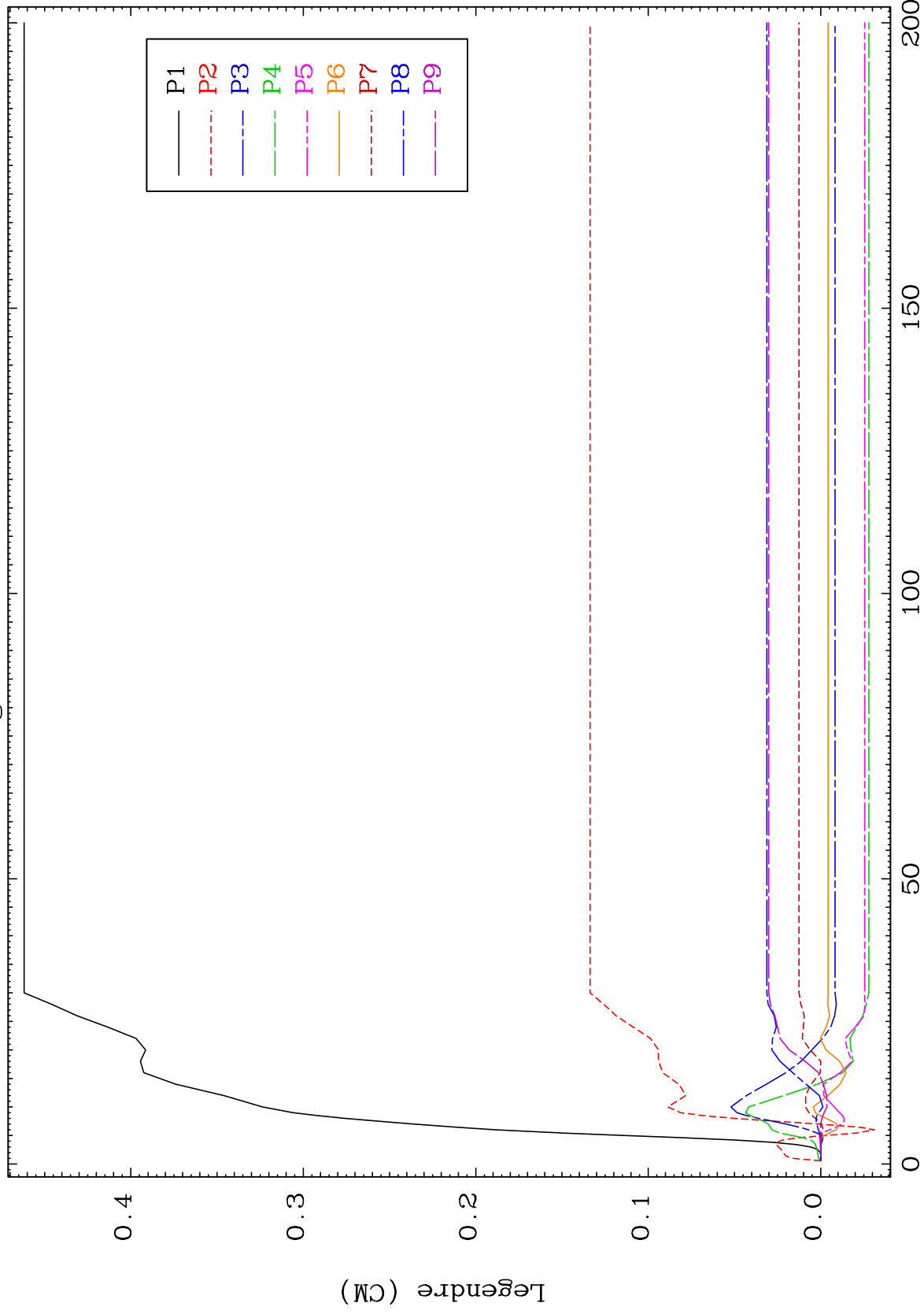
82

71-Lu-173

MAT 7119

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

71-Lu-173



83

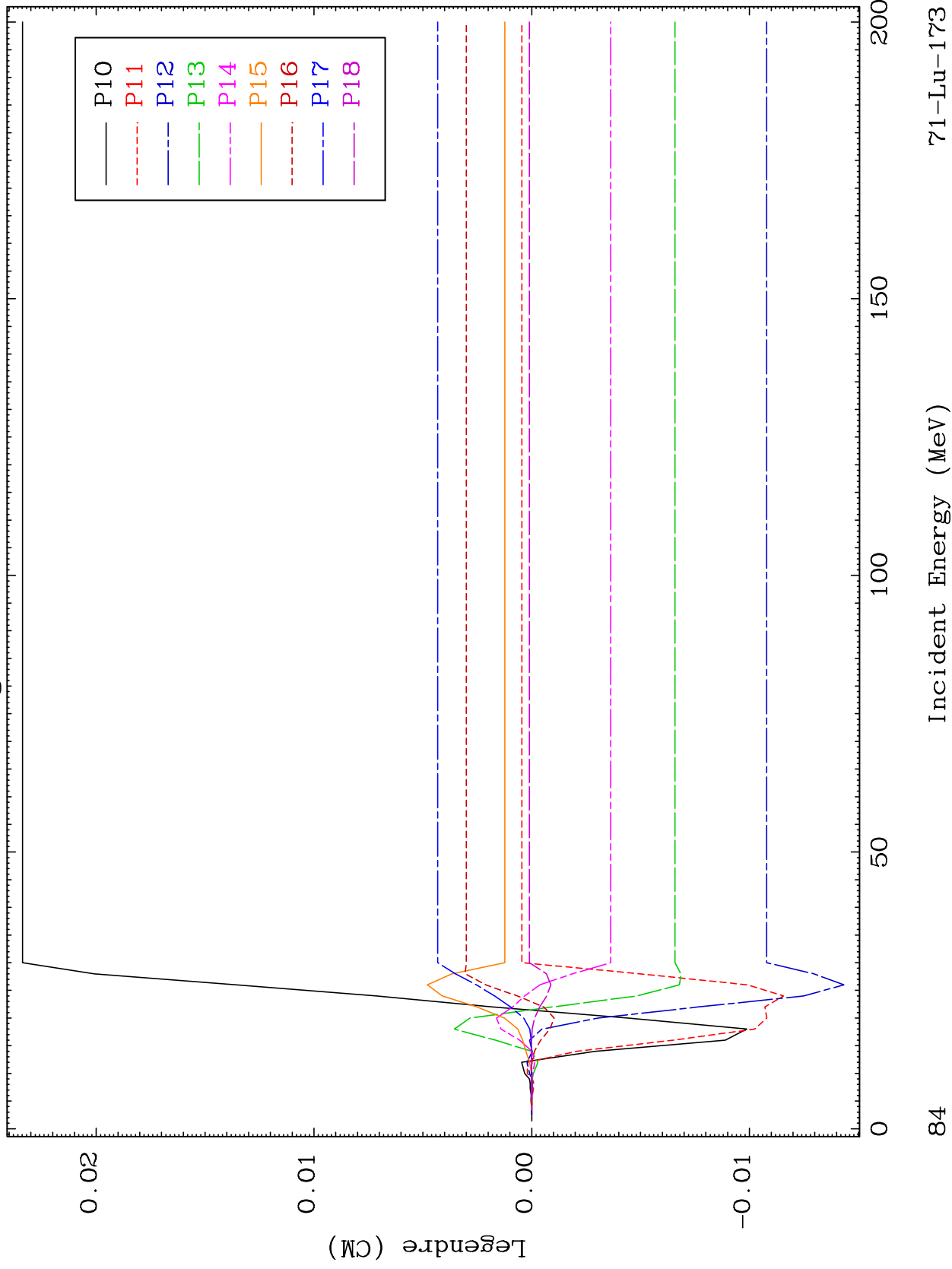
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



71-Lu-173

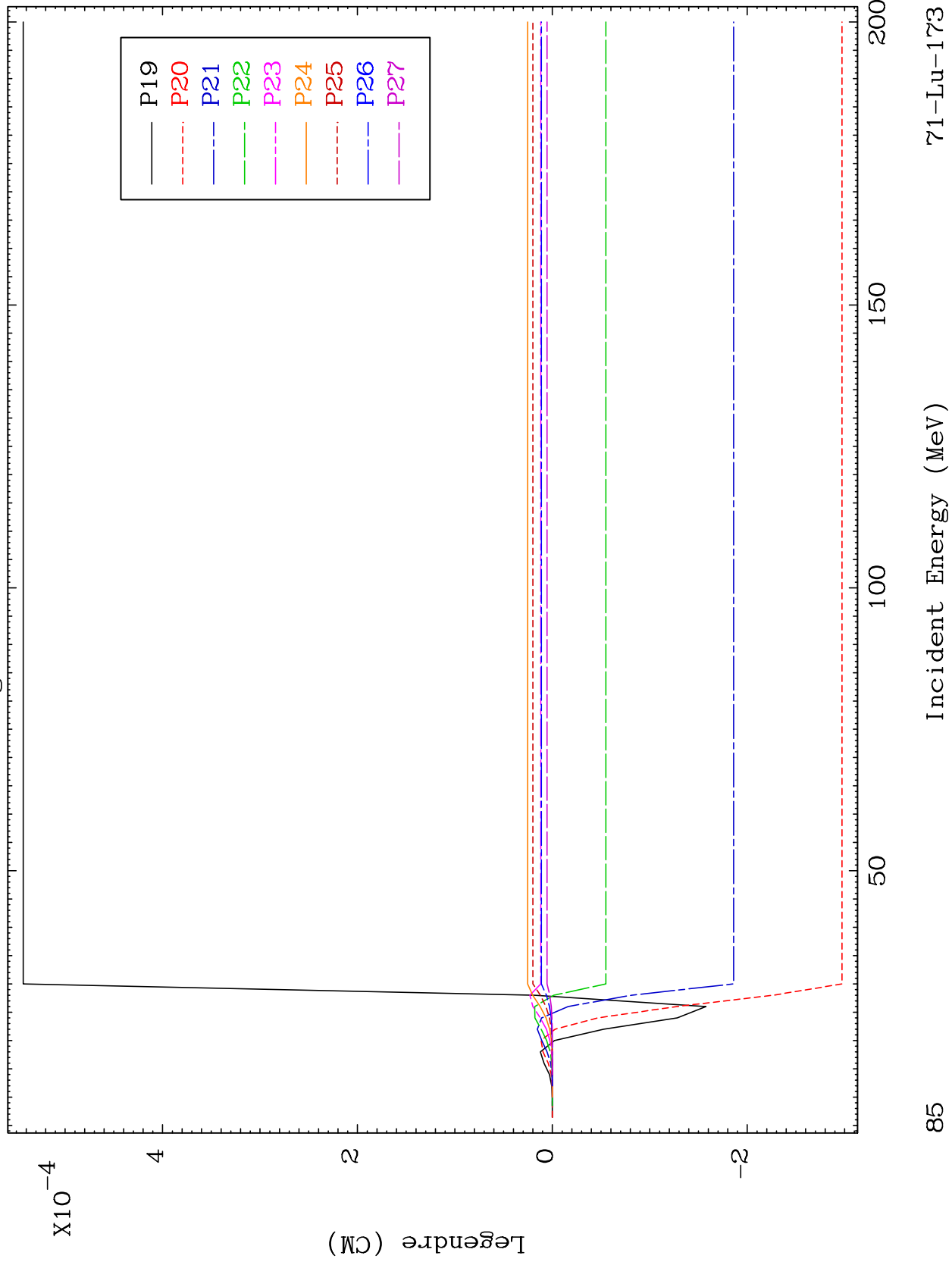
Incident Energy (MeV)

84

MAT 7119

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

71-Lu-173



85

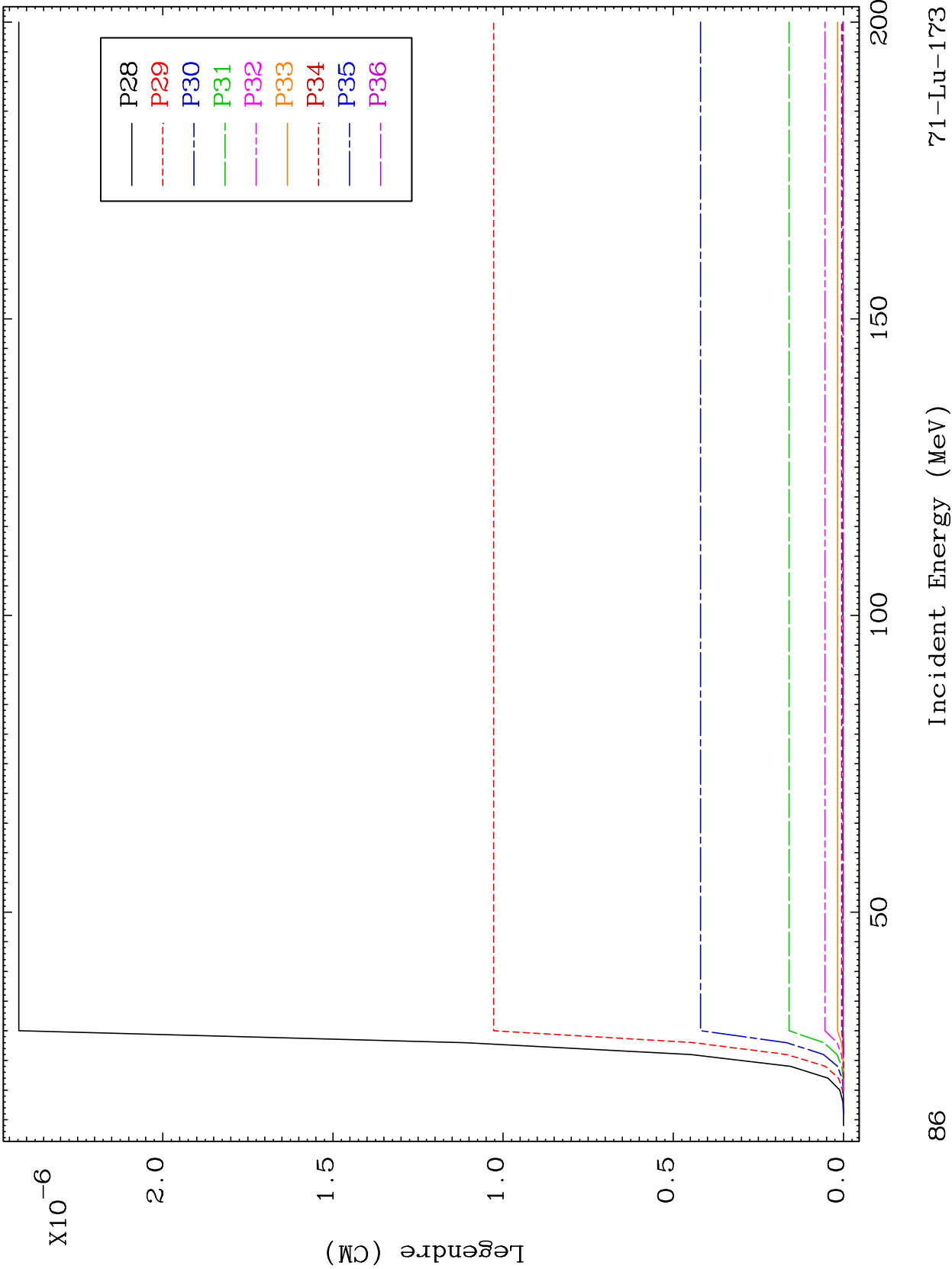
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173

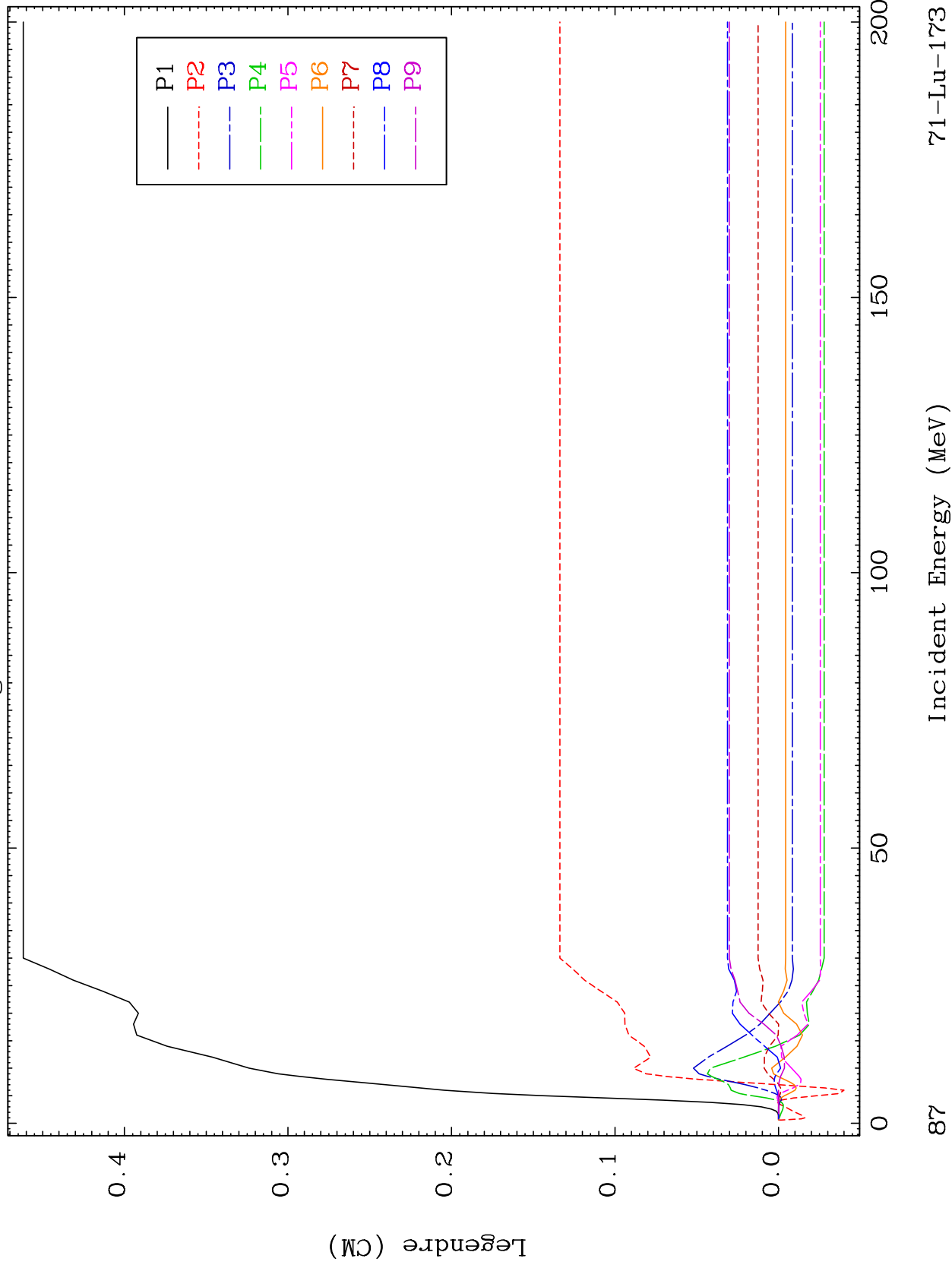


86

MAT 7119

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

71-Lu-173



71-Lu-173

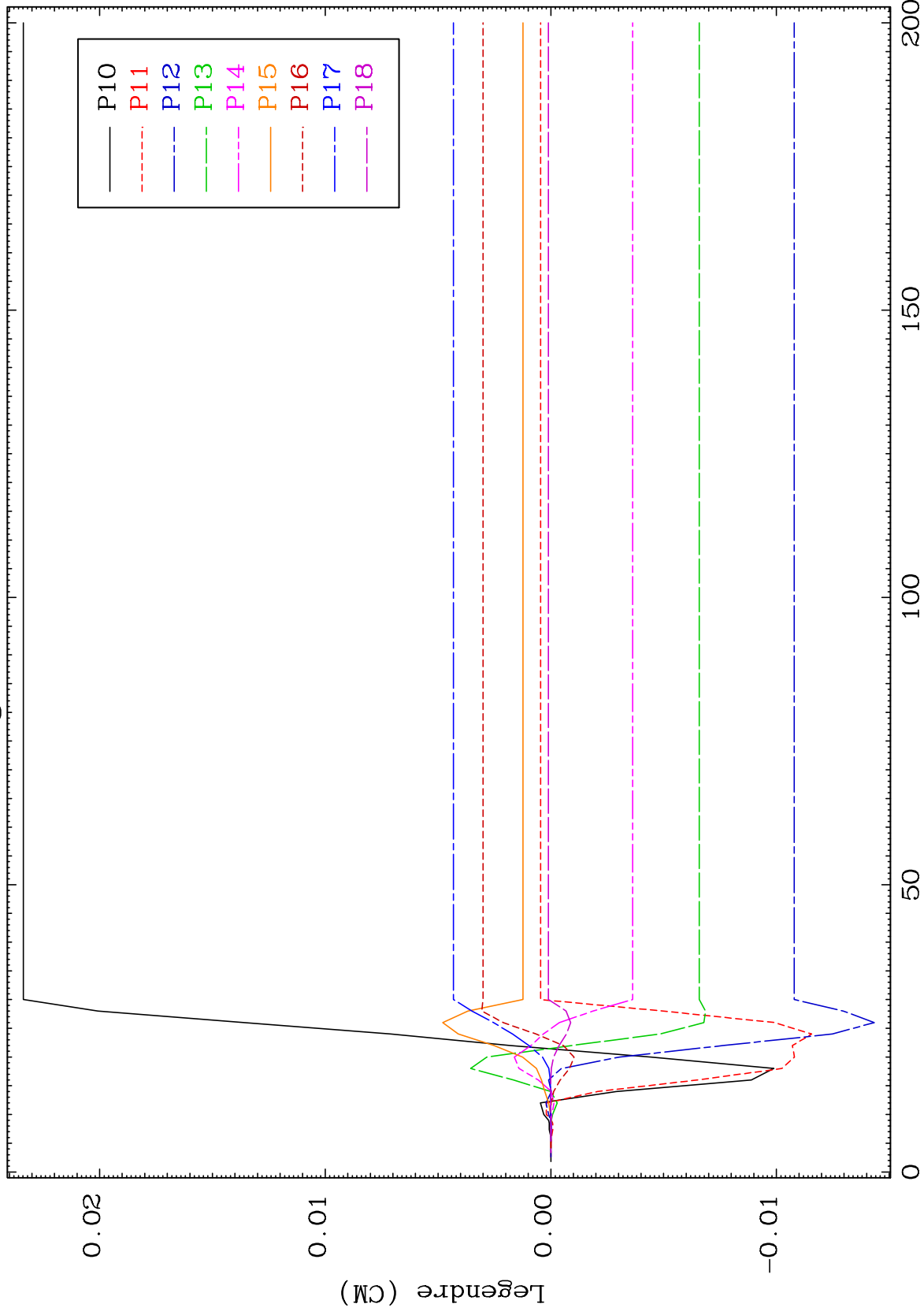
Incident Energy (MeV)

87

MAT 7119

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

71-Lu-173



88

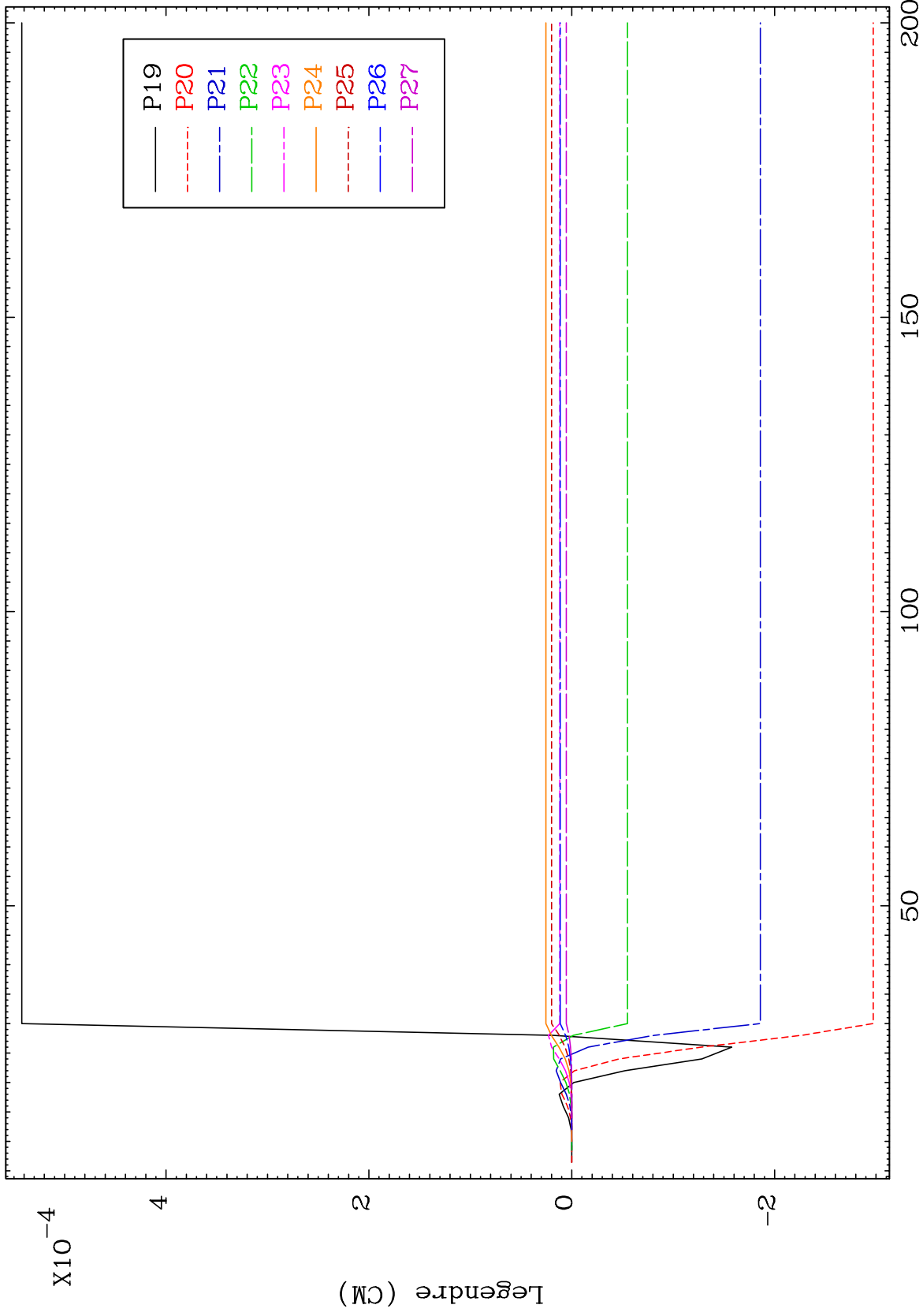
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



89

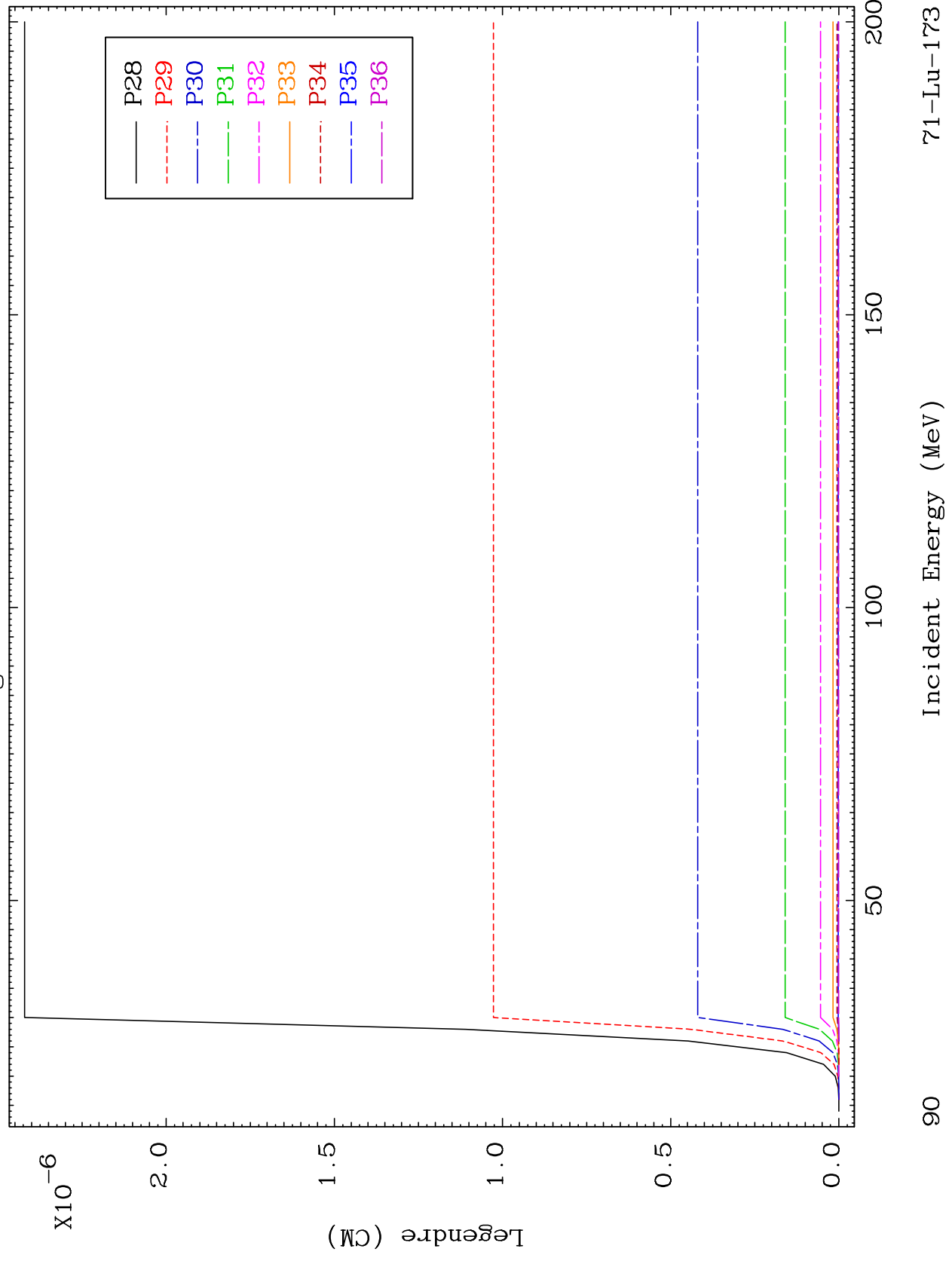
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

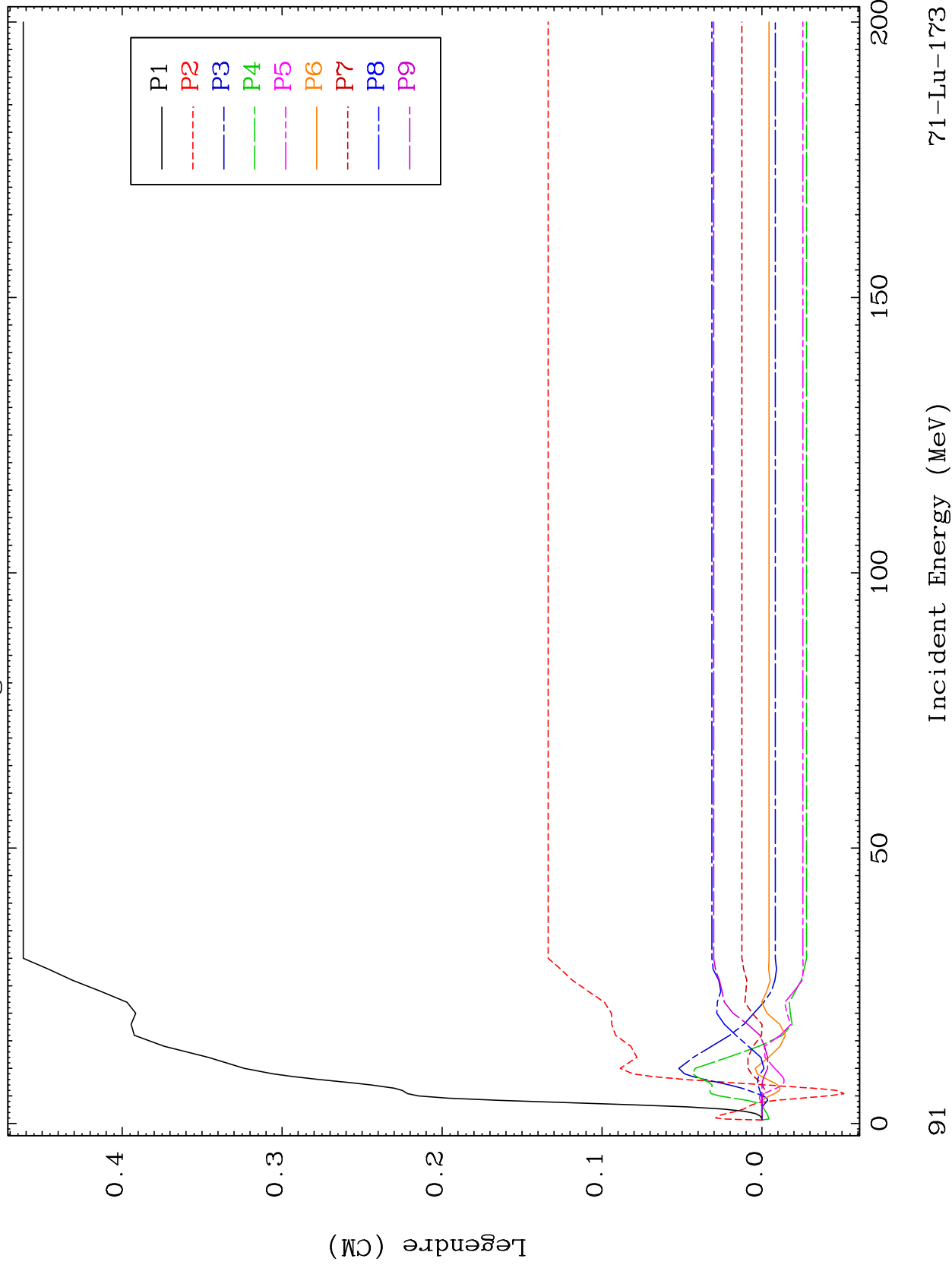
71-Lu-173



MAT 7119

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

71-Lu-173



71-Lu-173

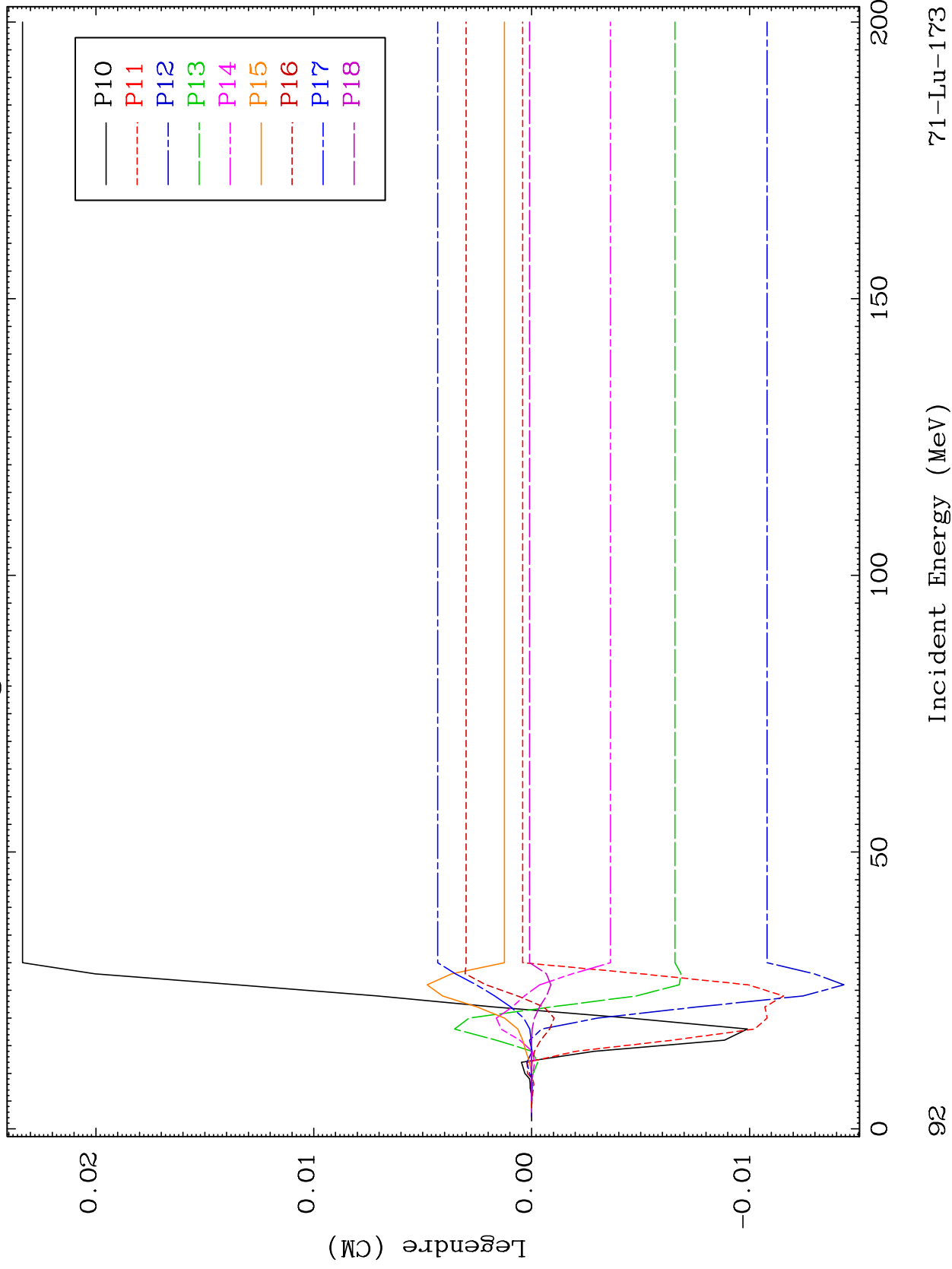
Incident Energy (MeV)

91

MAT 7119

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

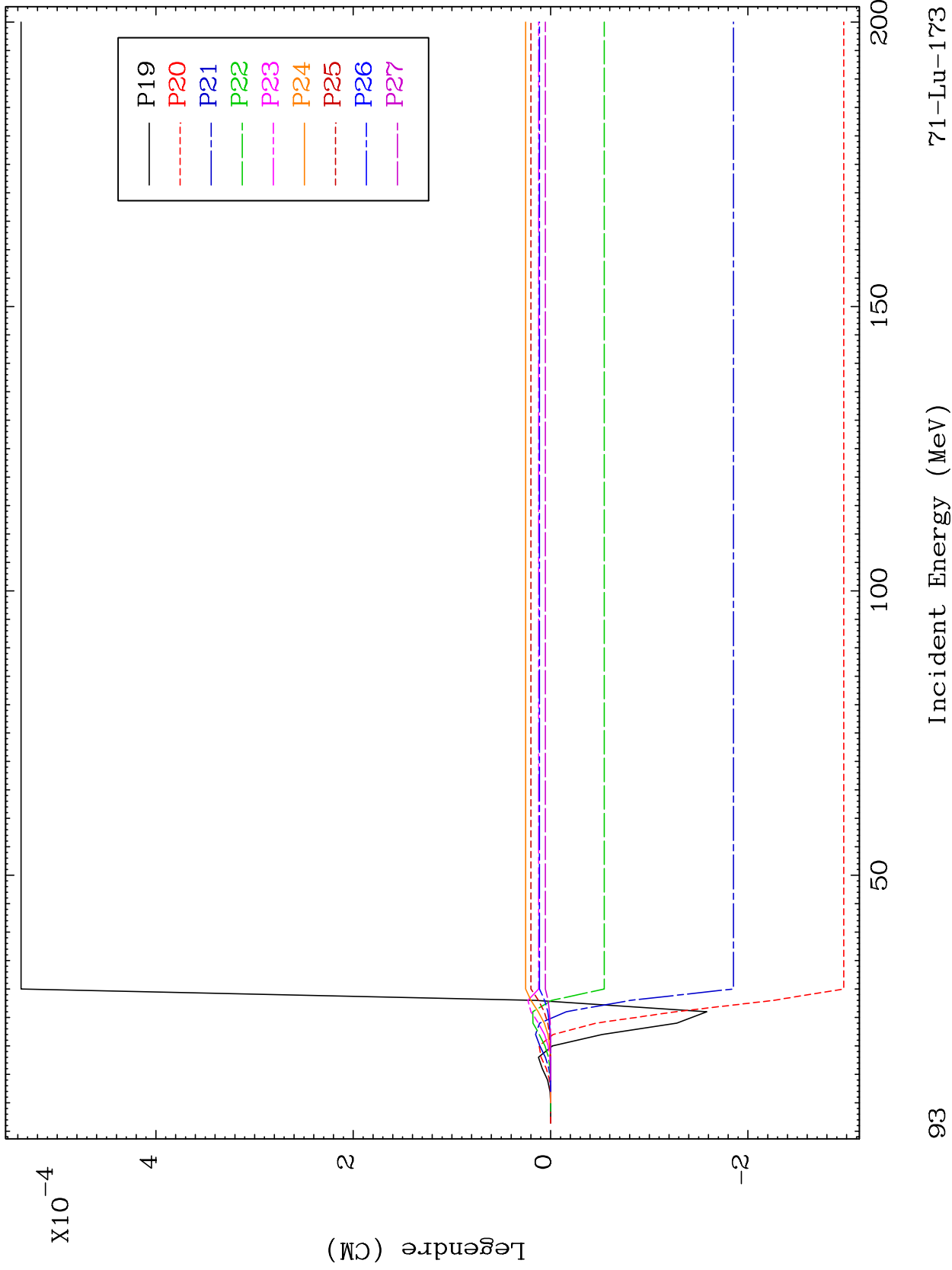
71-Lu-173



71-Lu-173

Incident Energy (MeV)

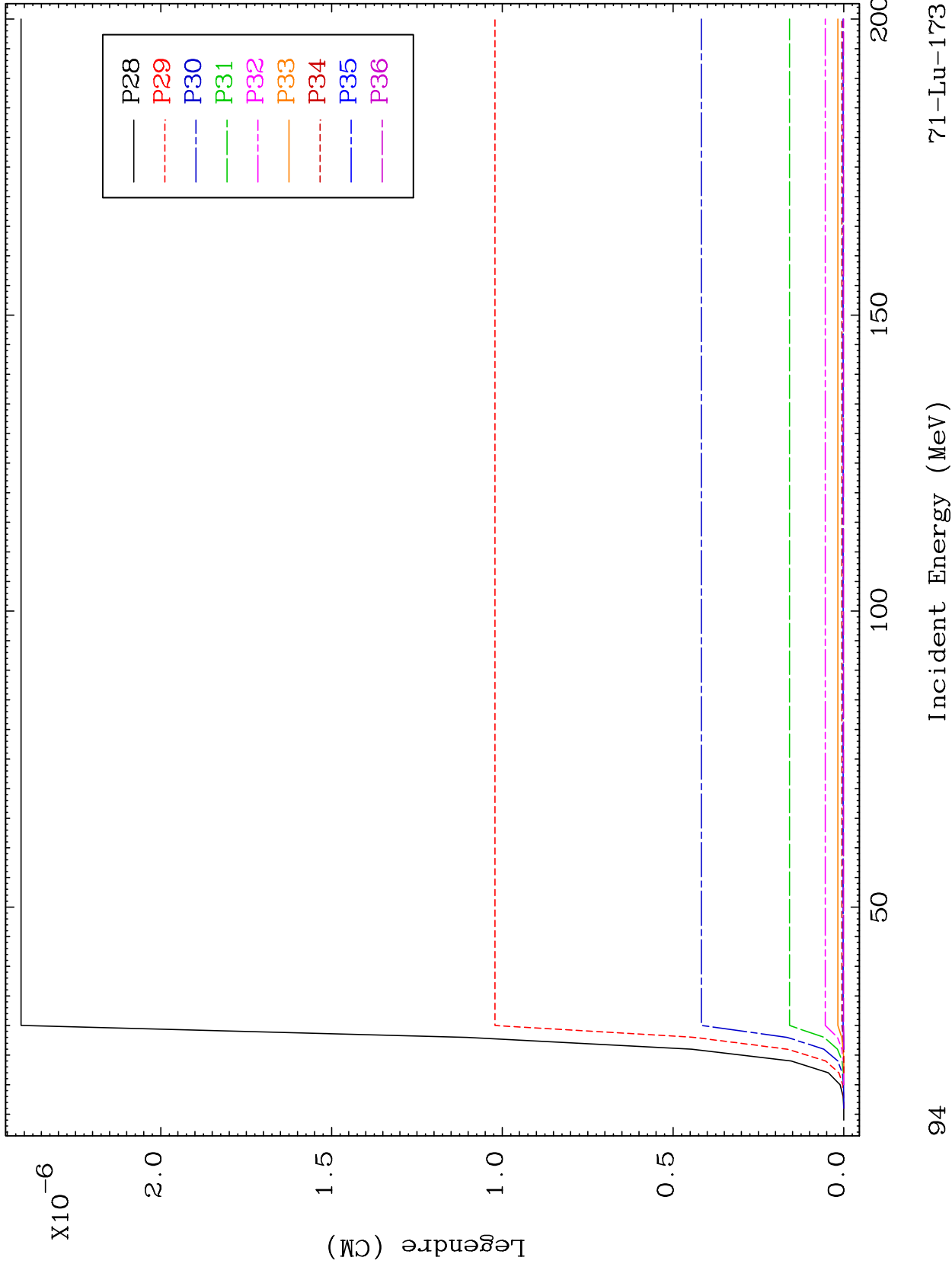
92



MAT 7119

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

71-Lu-173



94

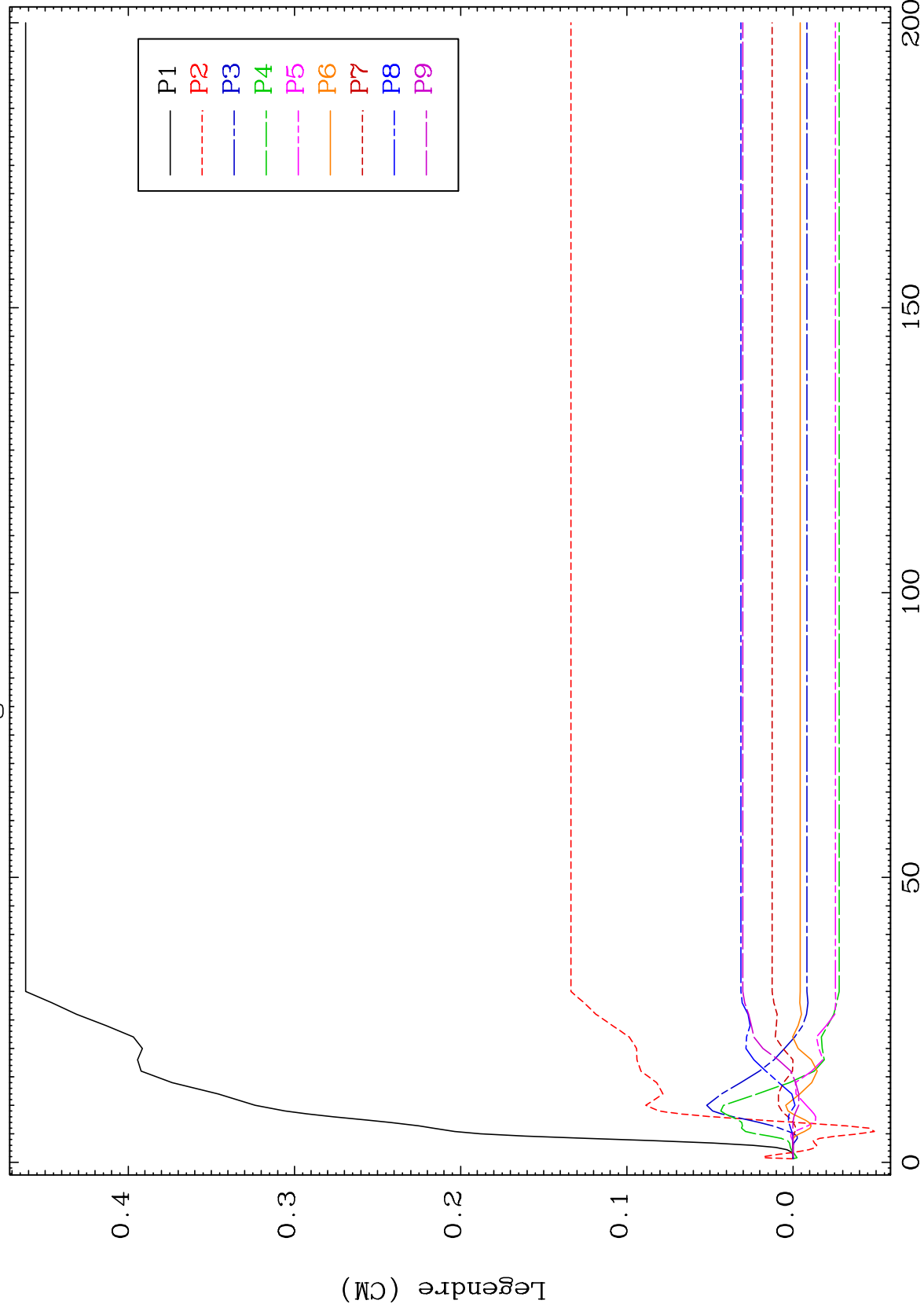
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



95

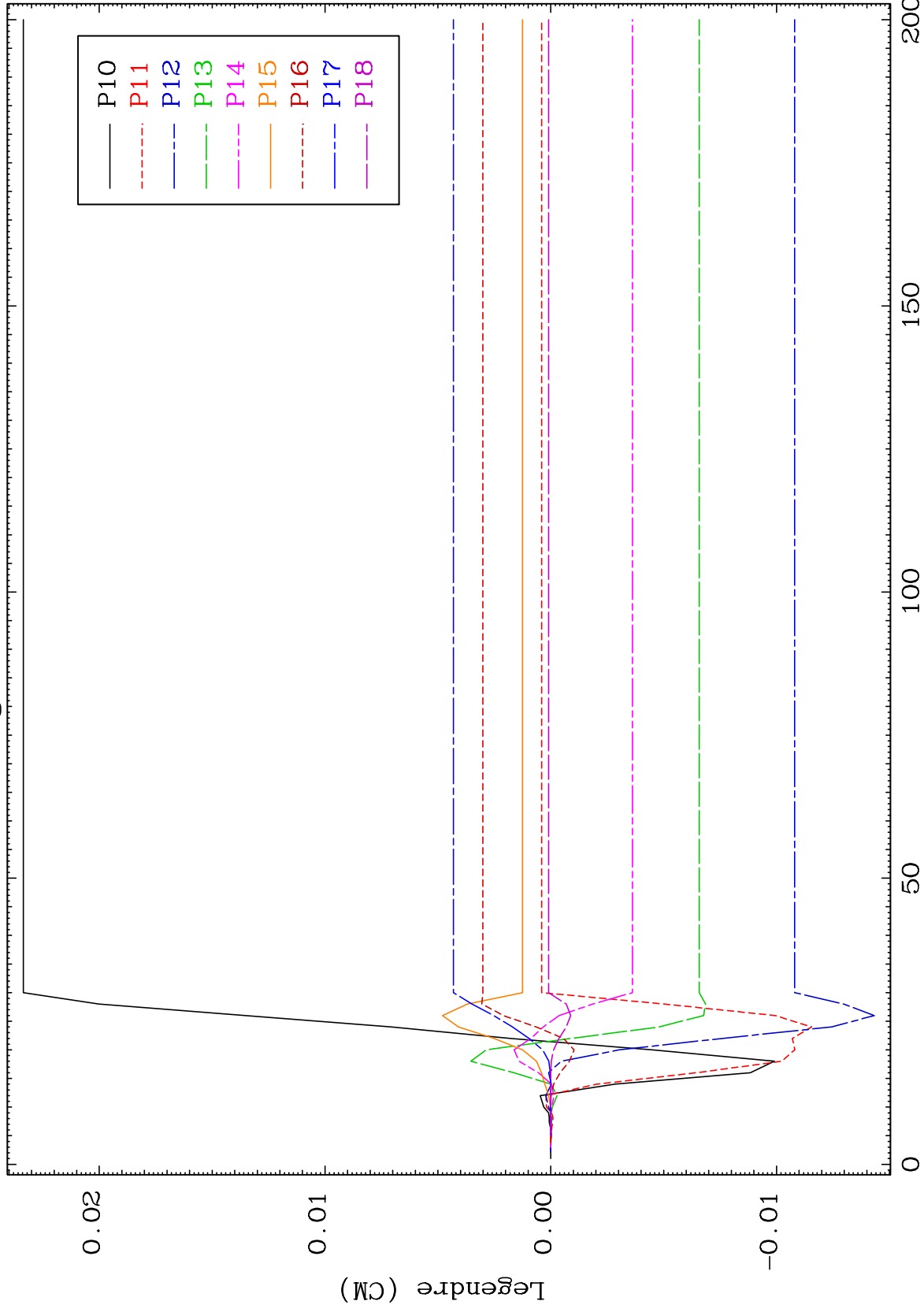
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

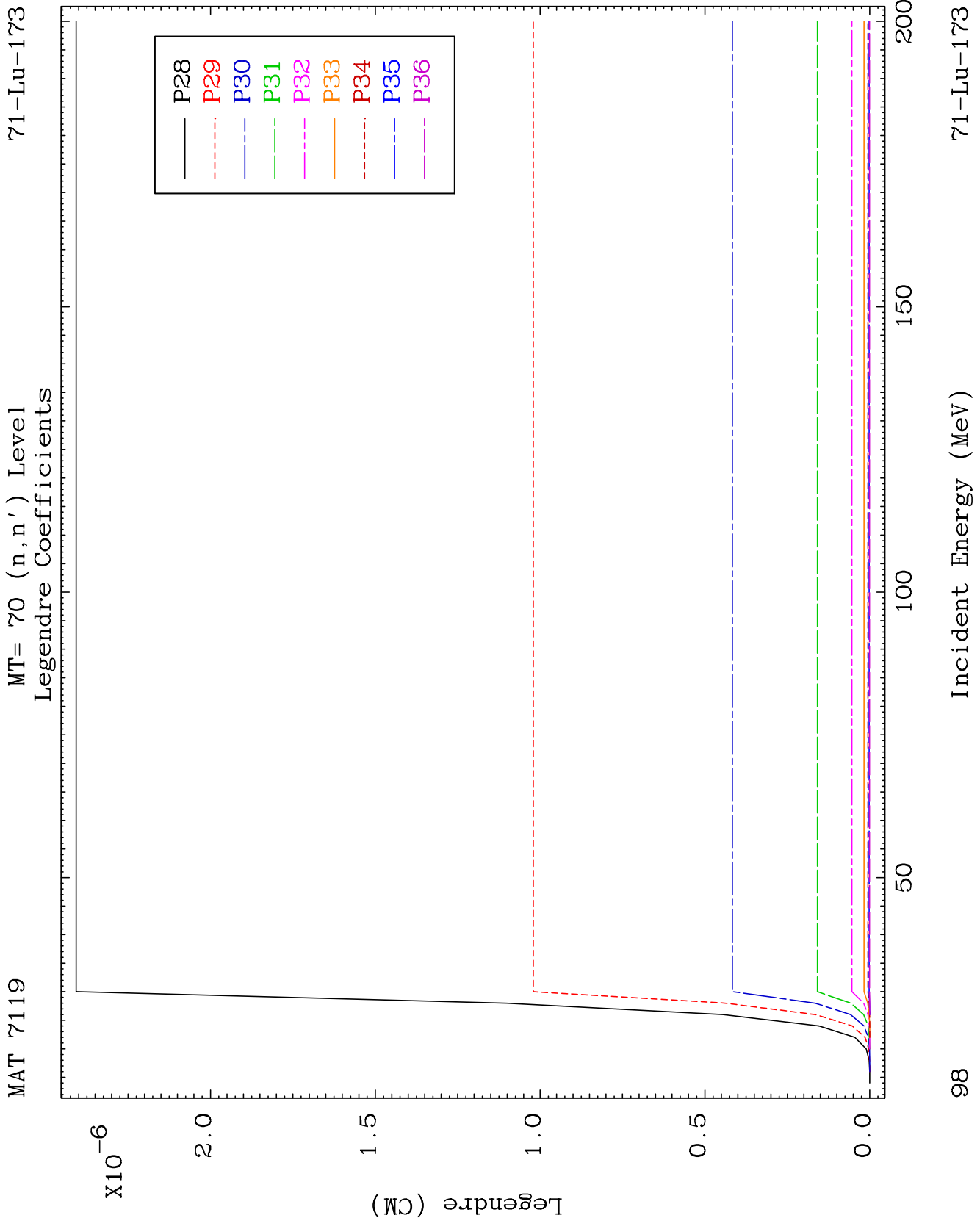
71-Lu-173



96

Incident Energy (MeV)

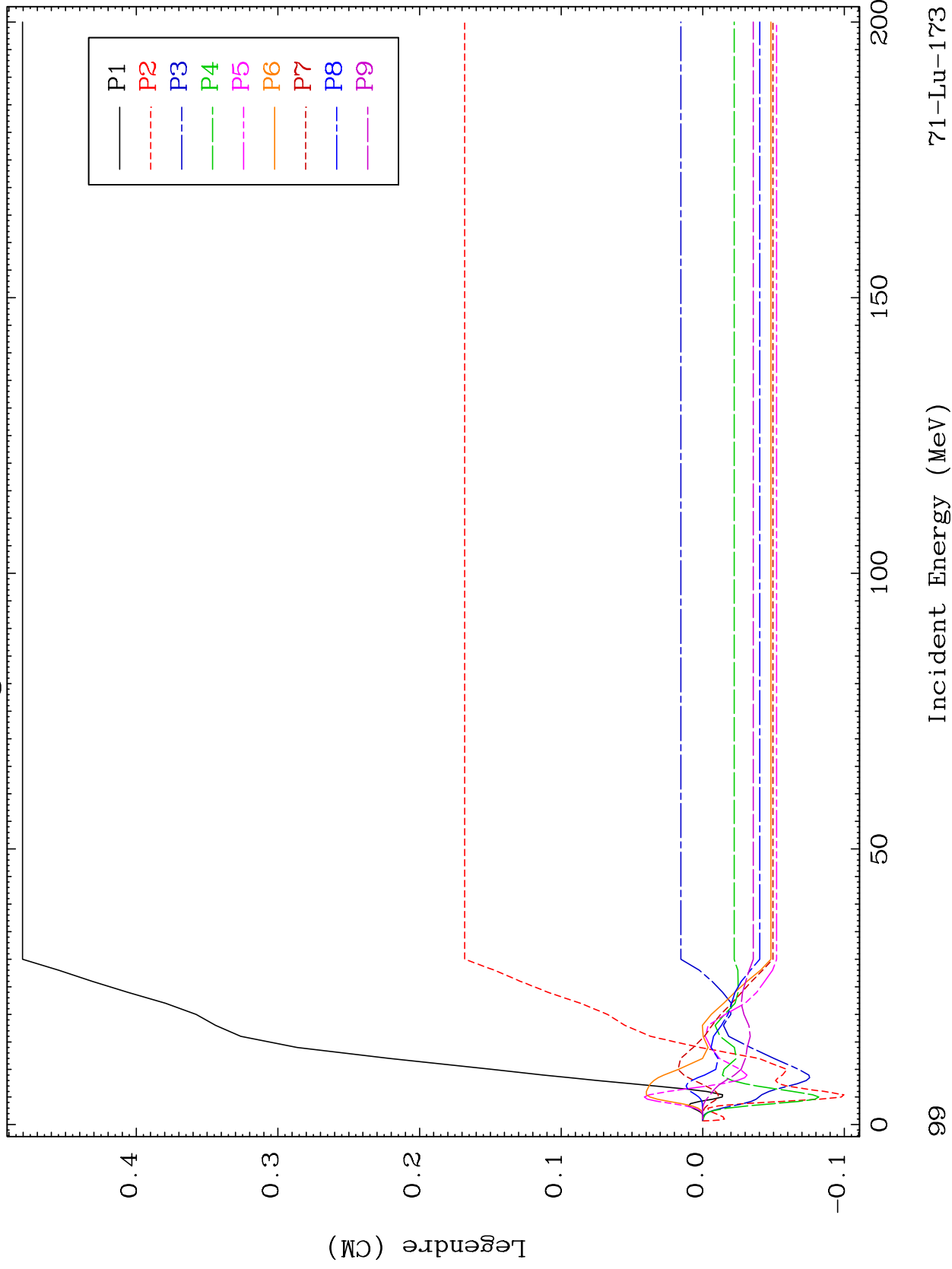
71-Lu-173



MAT 7119

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

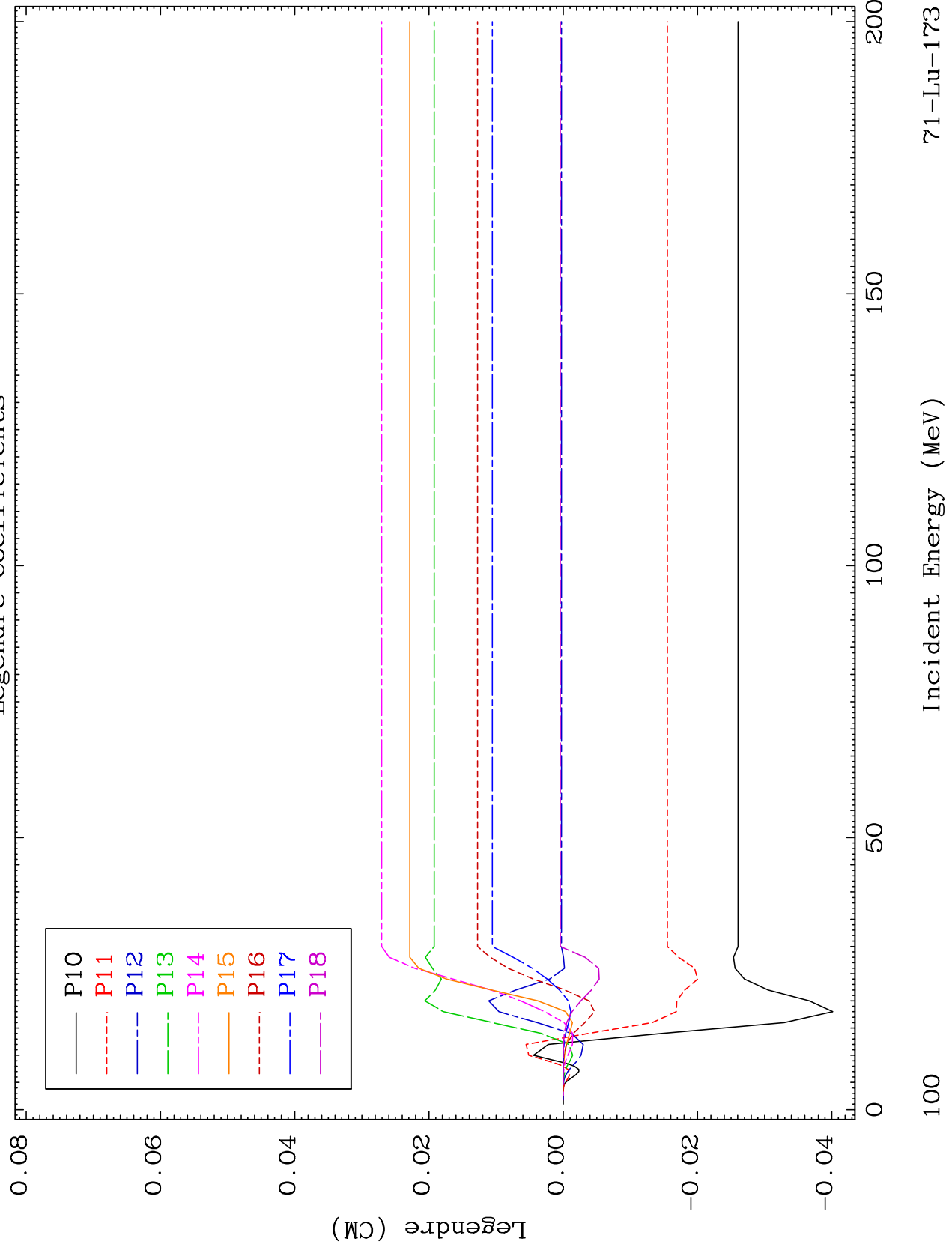
71-Lu-173



MAT 7119

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

71-Lu-173



71-Lu-173

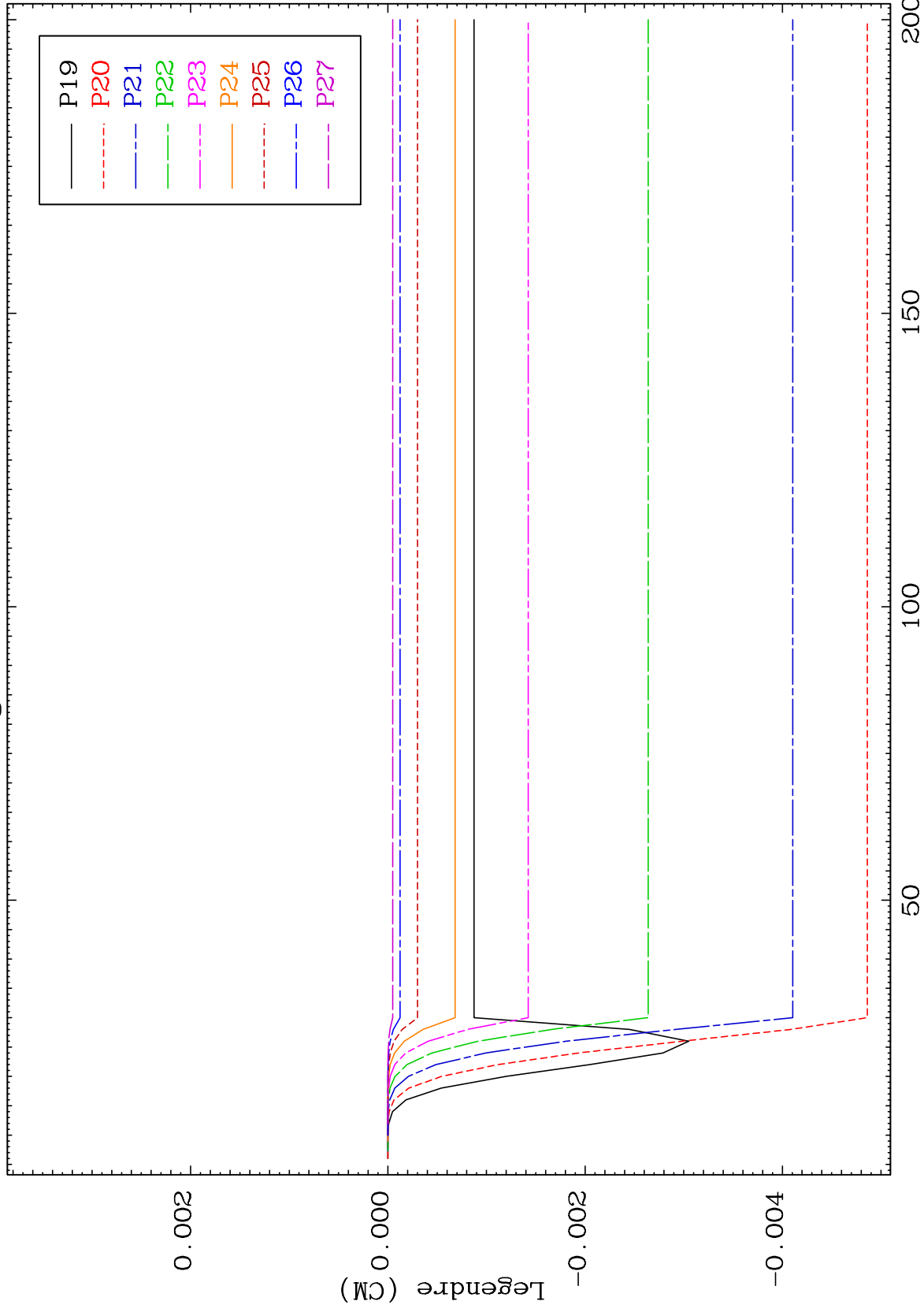
Incident Energy (MeV)

100

MAT 7119

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

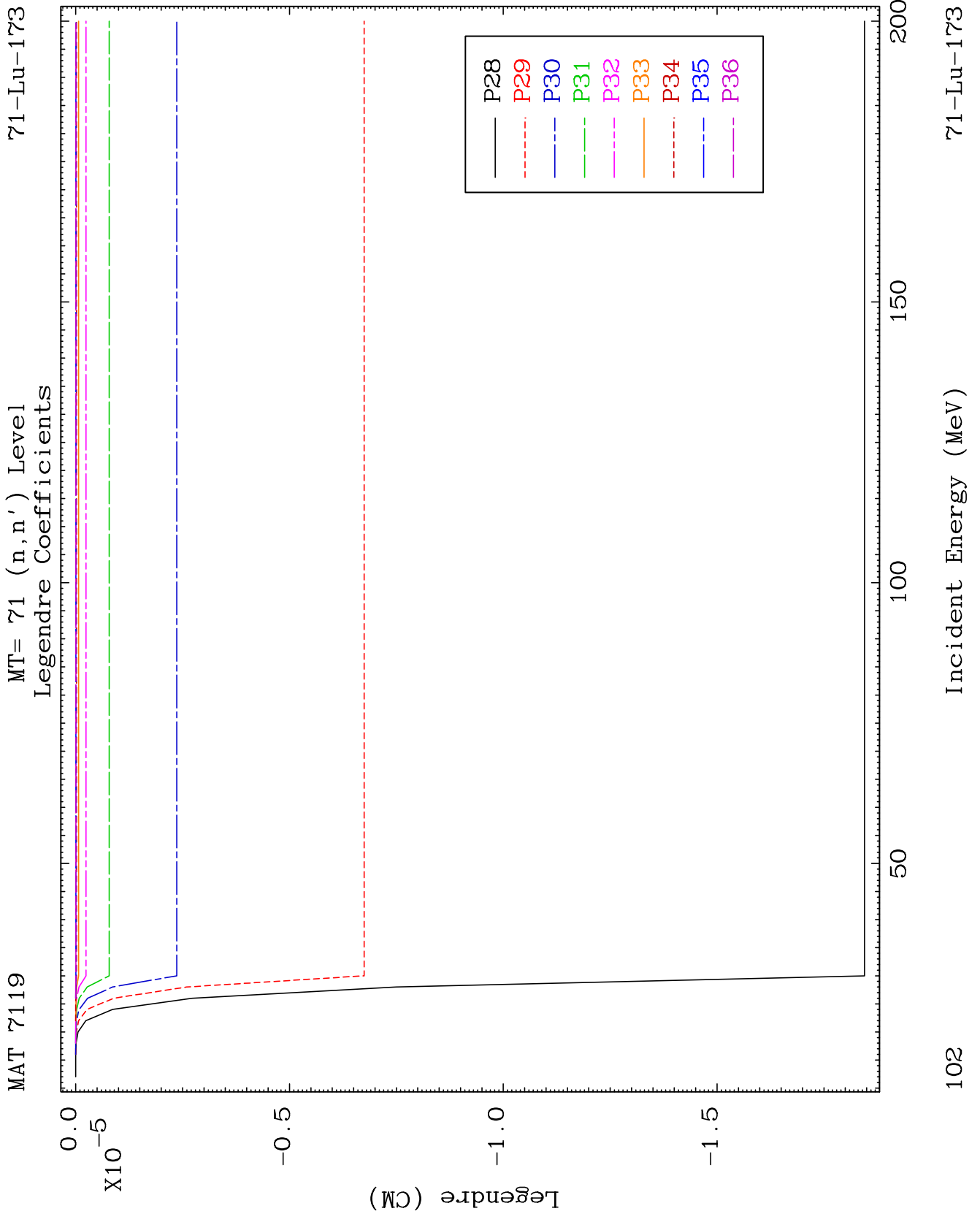
71-Lu-173

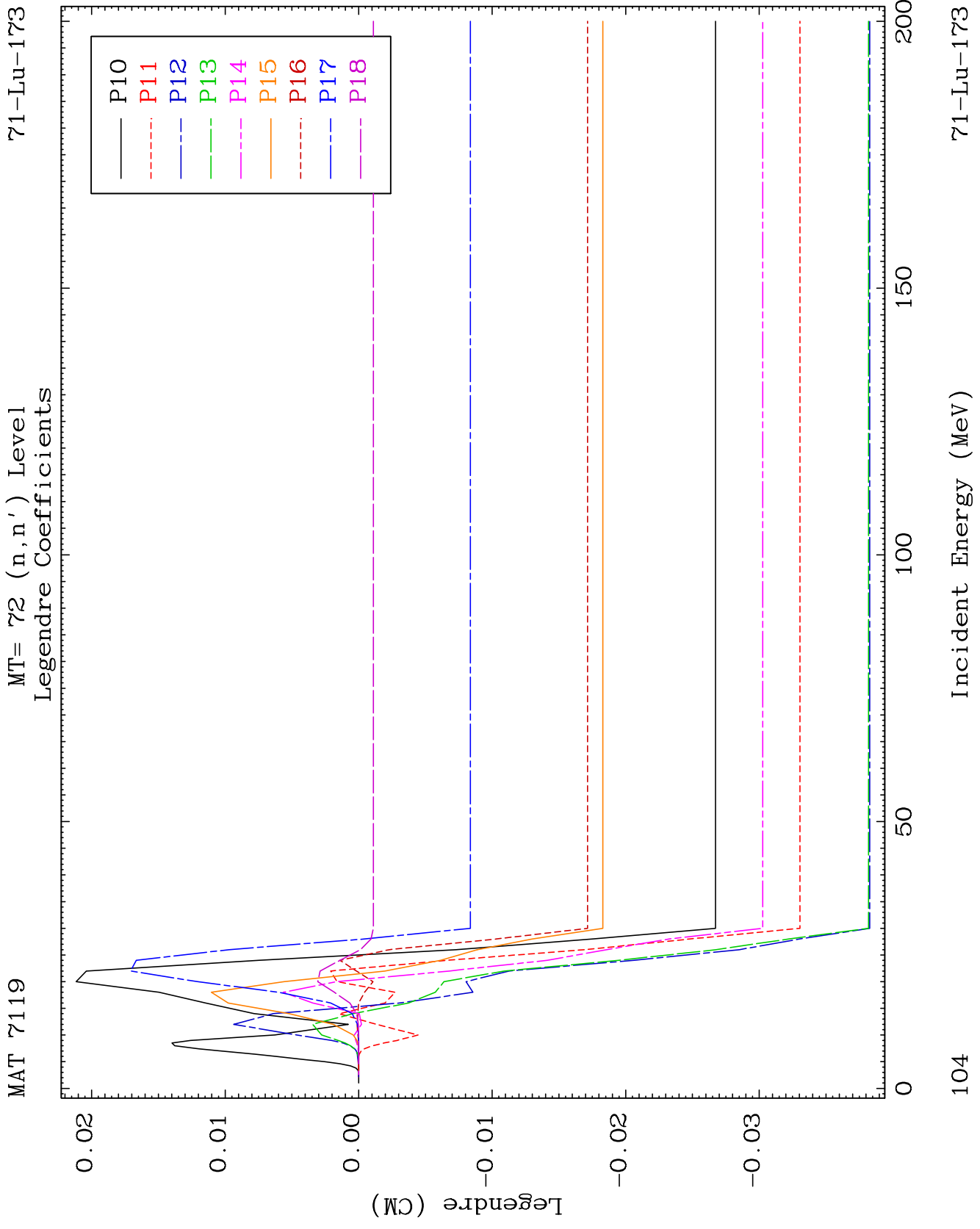


101

Incident Energy (MeV)

71-Lu-173

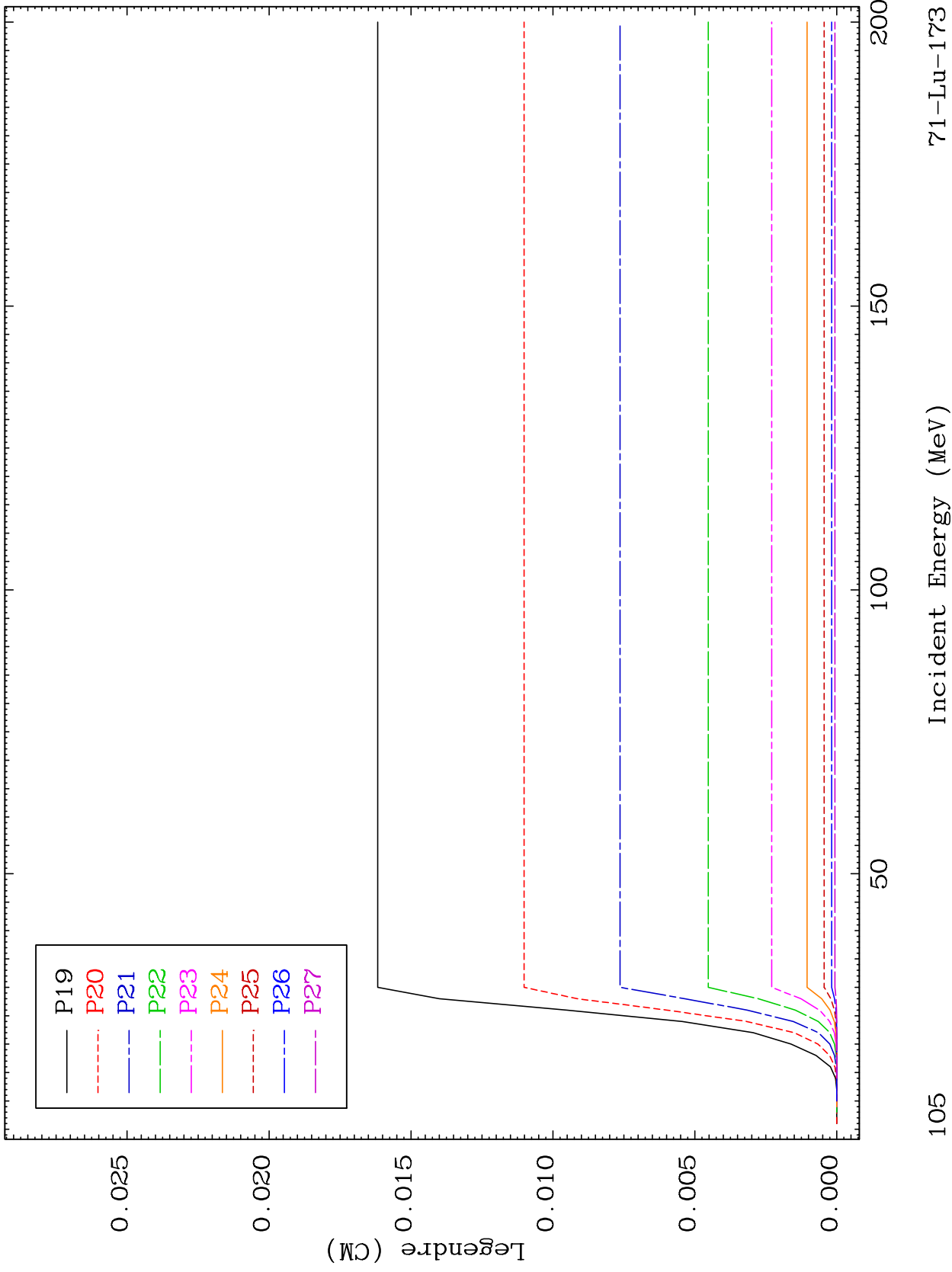




MAT 7119

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

71-Lu-173



71-Lu-173

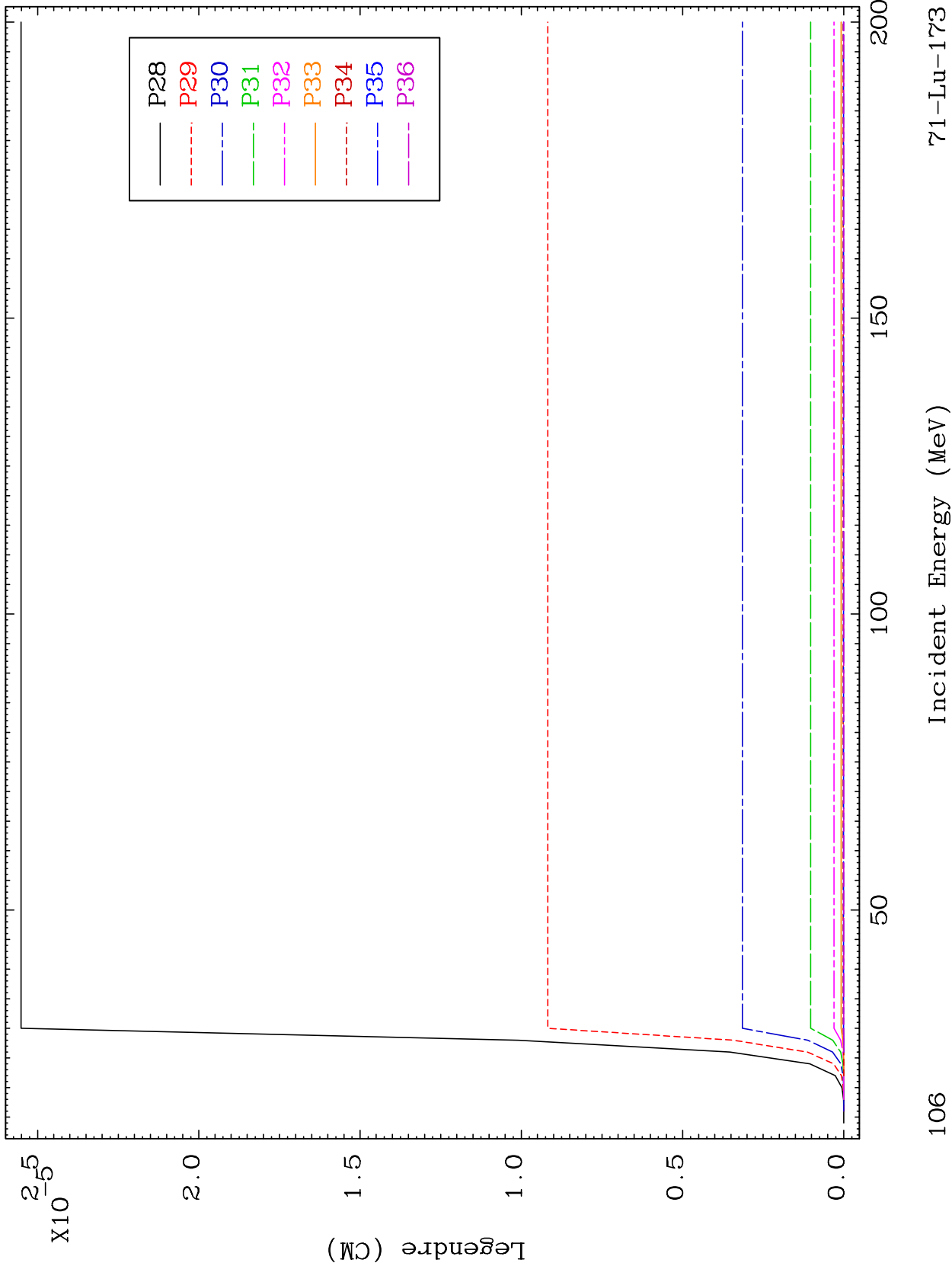
Incident Energy (MeV)

105

MAT 7119

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

71-Lu-173



106

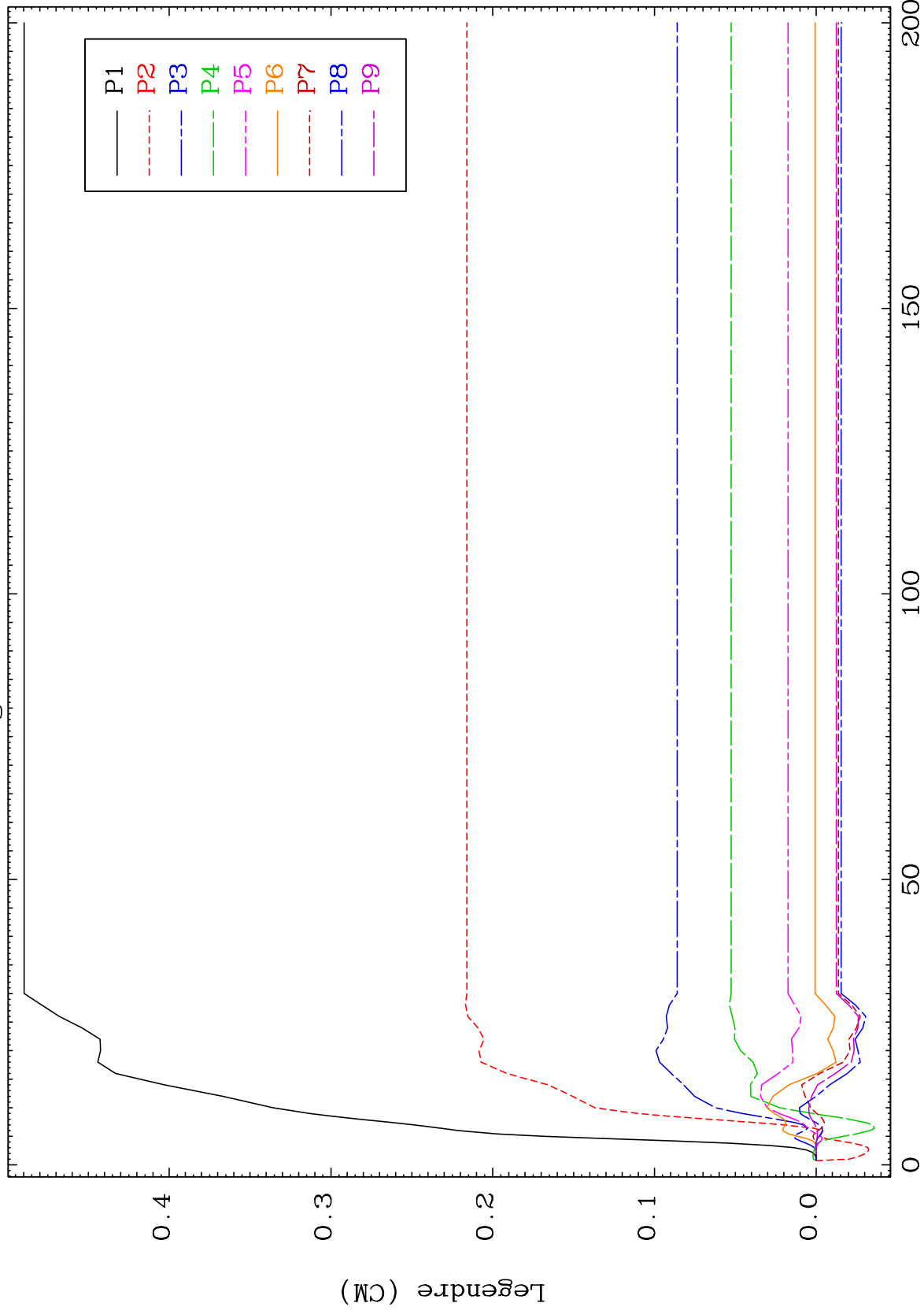
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



107

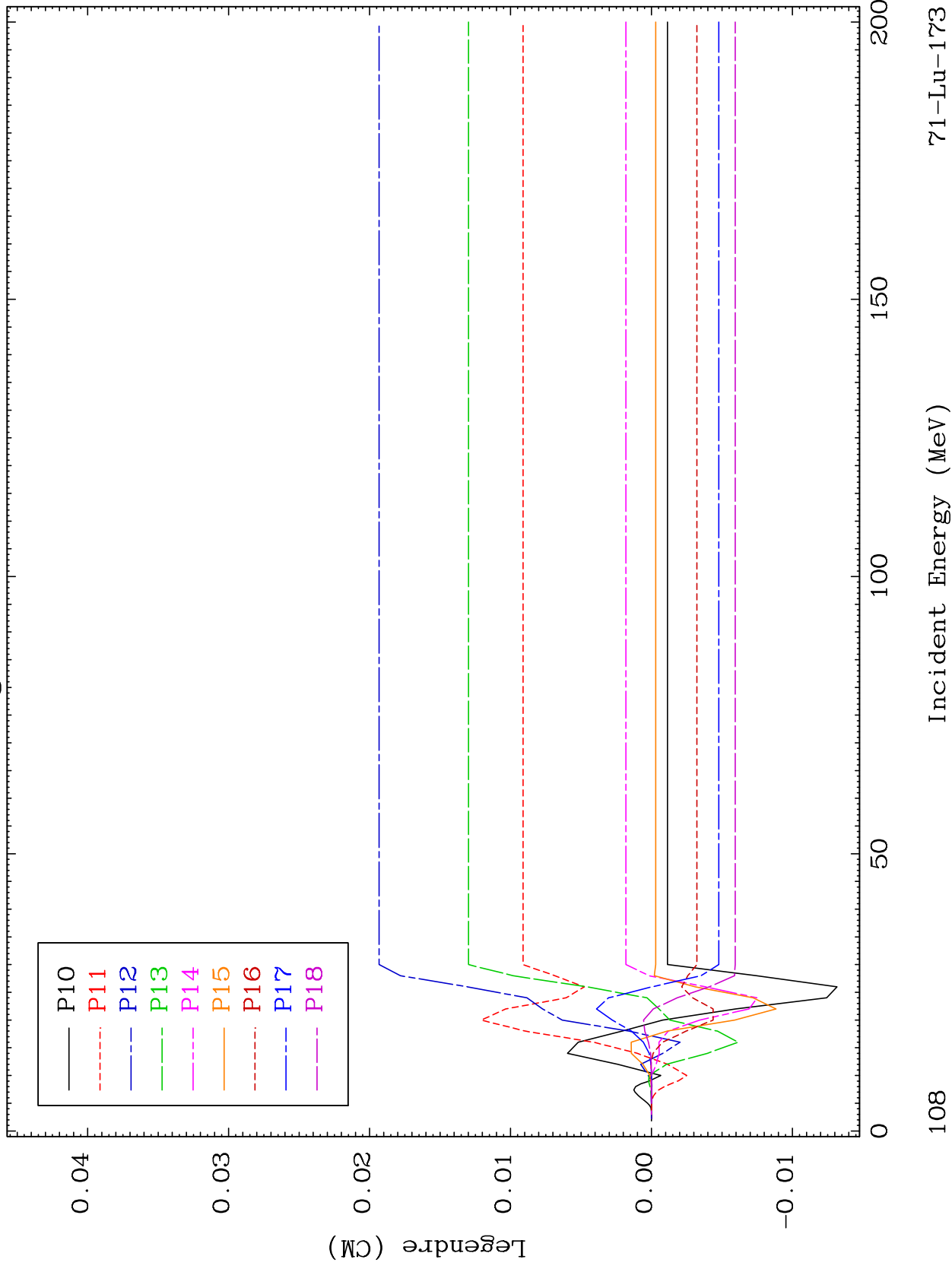
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

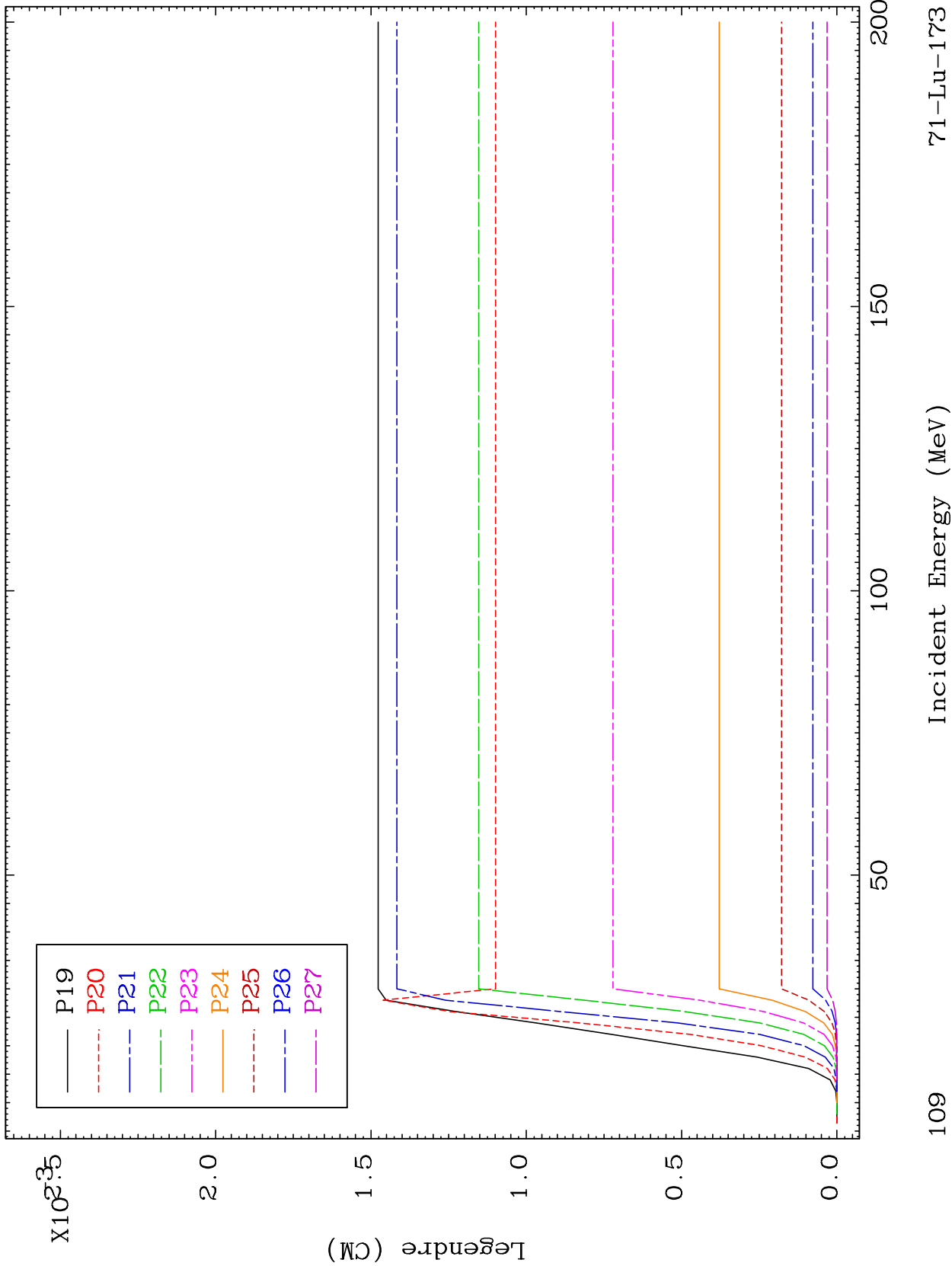
71-Lu-173



71-Lu-173

Incident Energy (MeV)

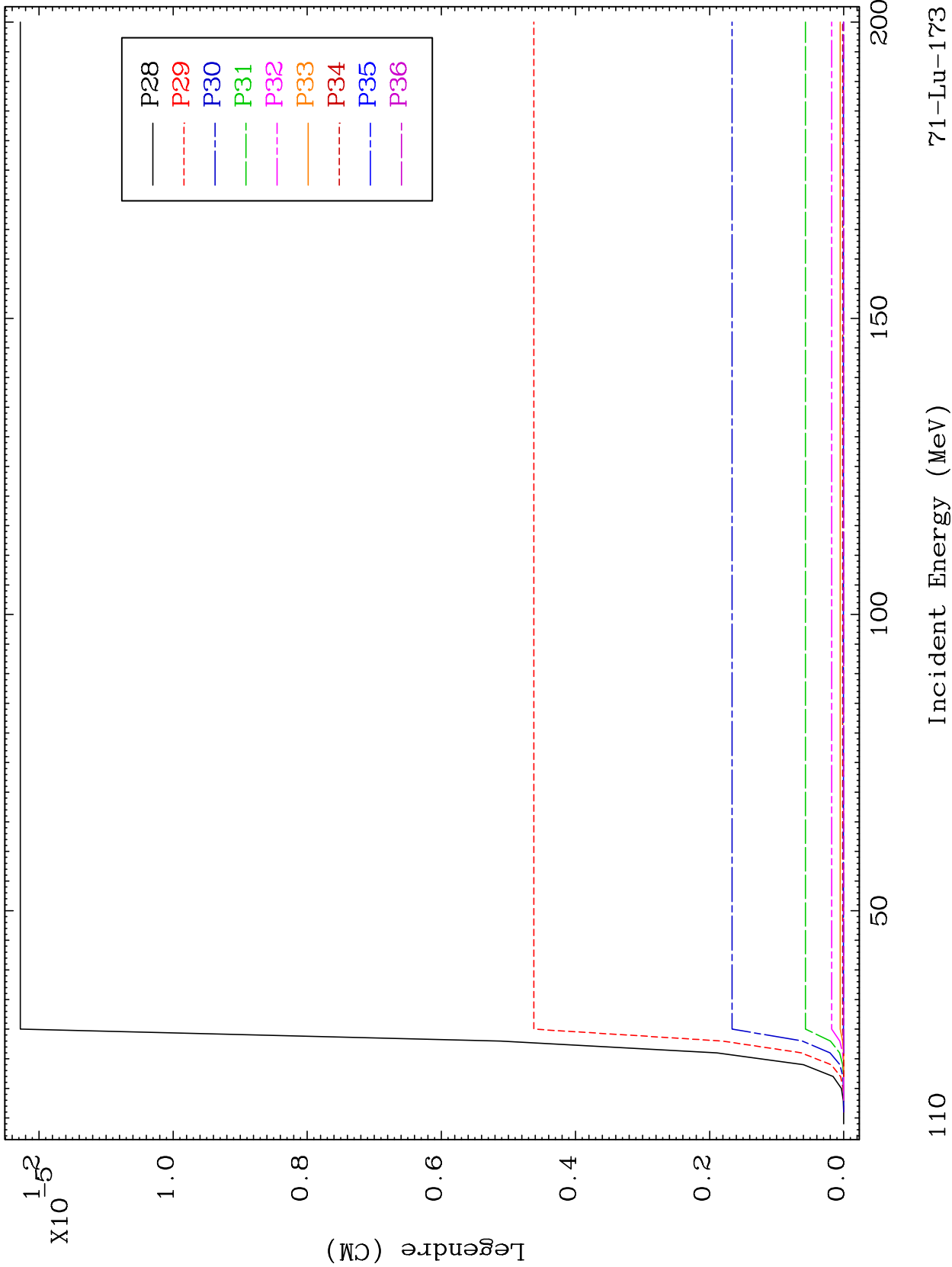
108



MAT 7119

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

71-Lu-173



110

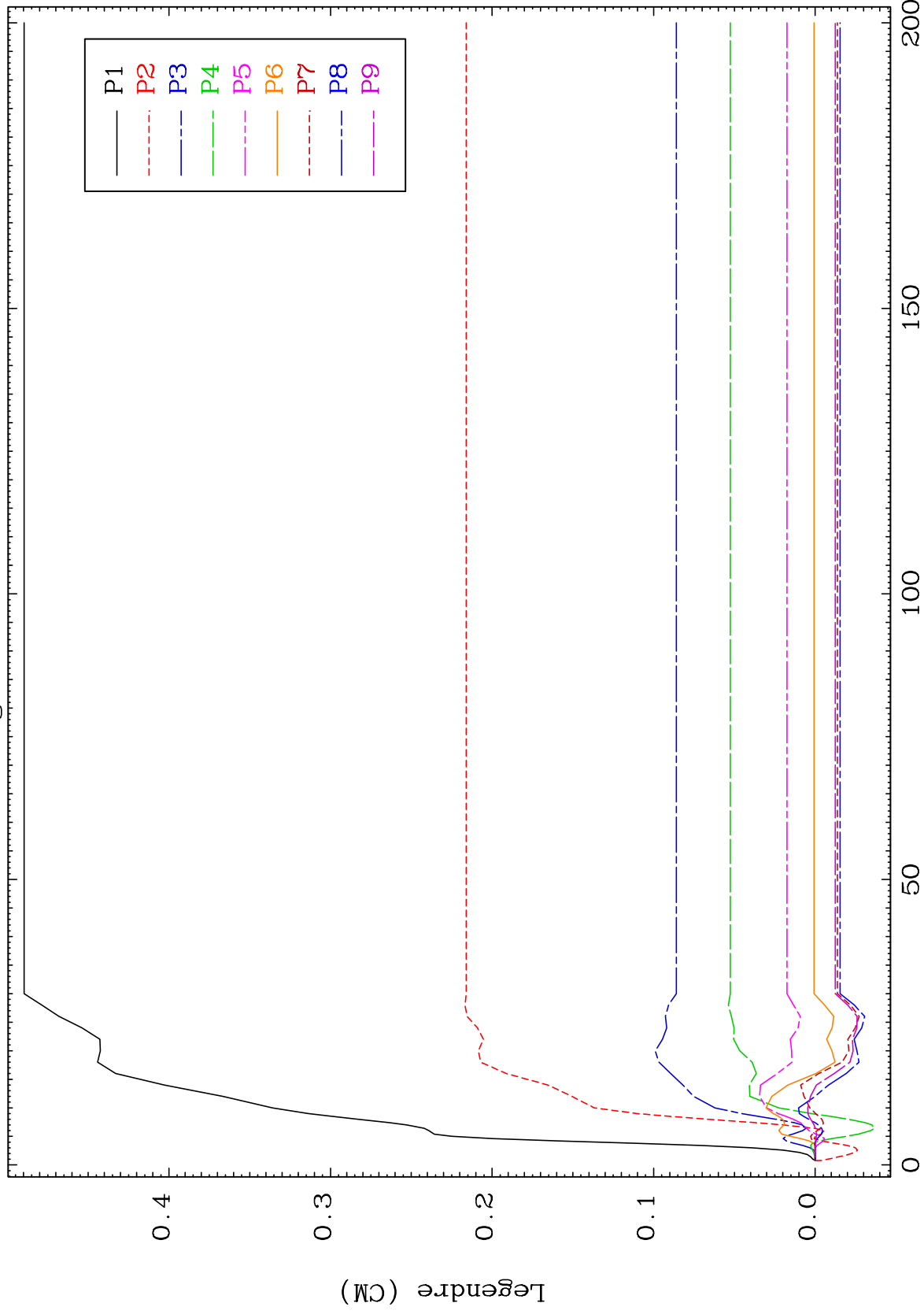
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



71-Lu-173

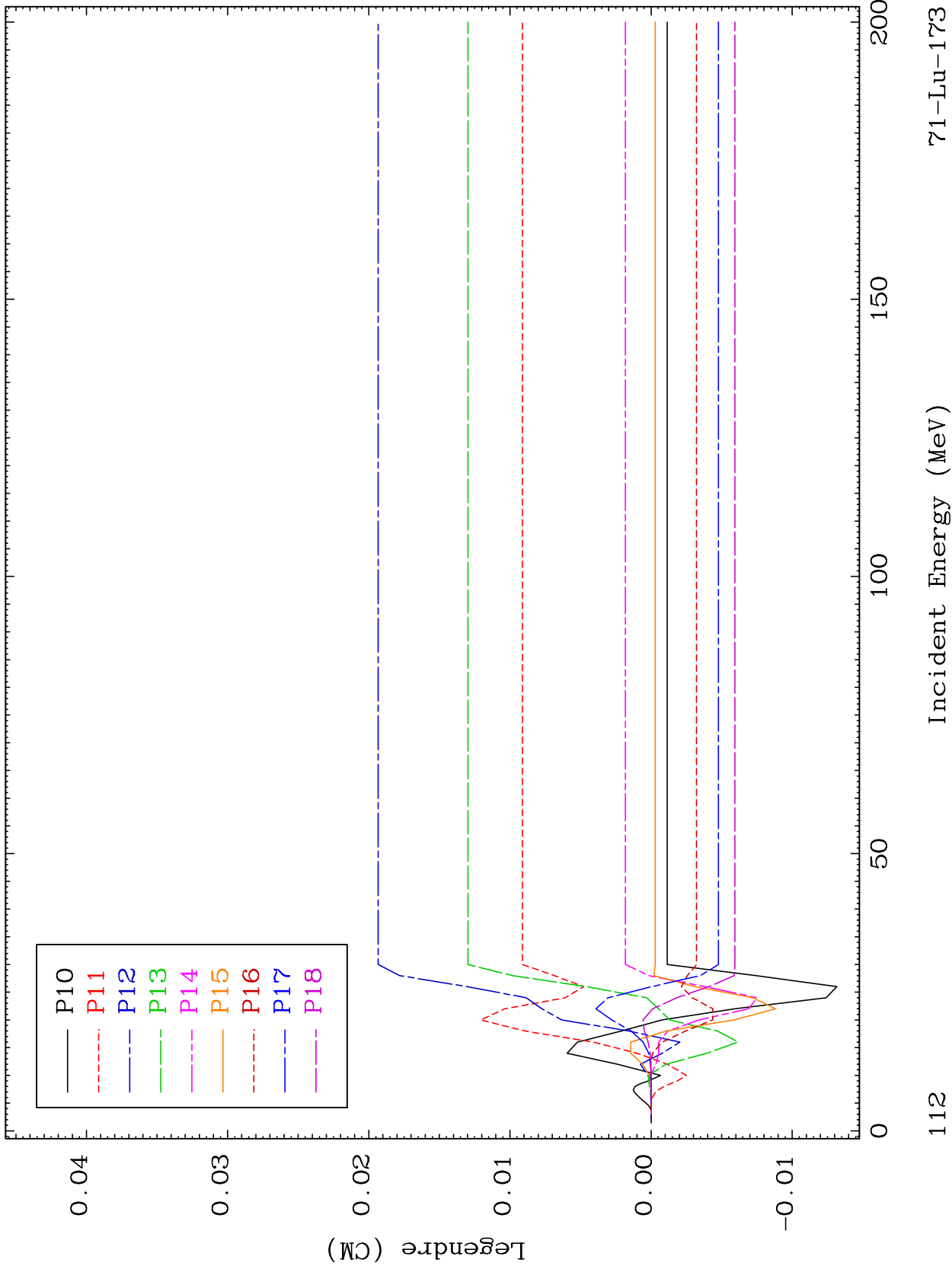
Incident Energy (MeV)

111

MAT 7119

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

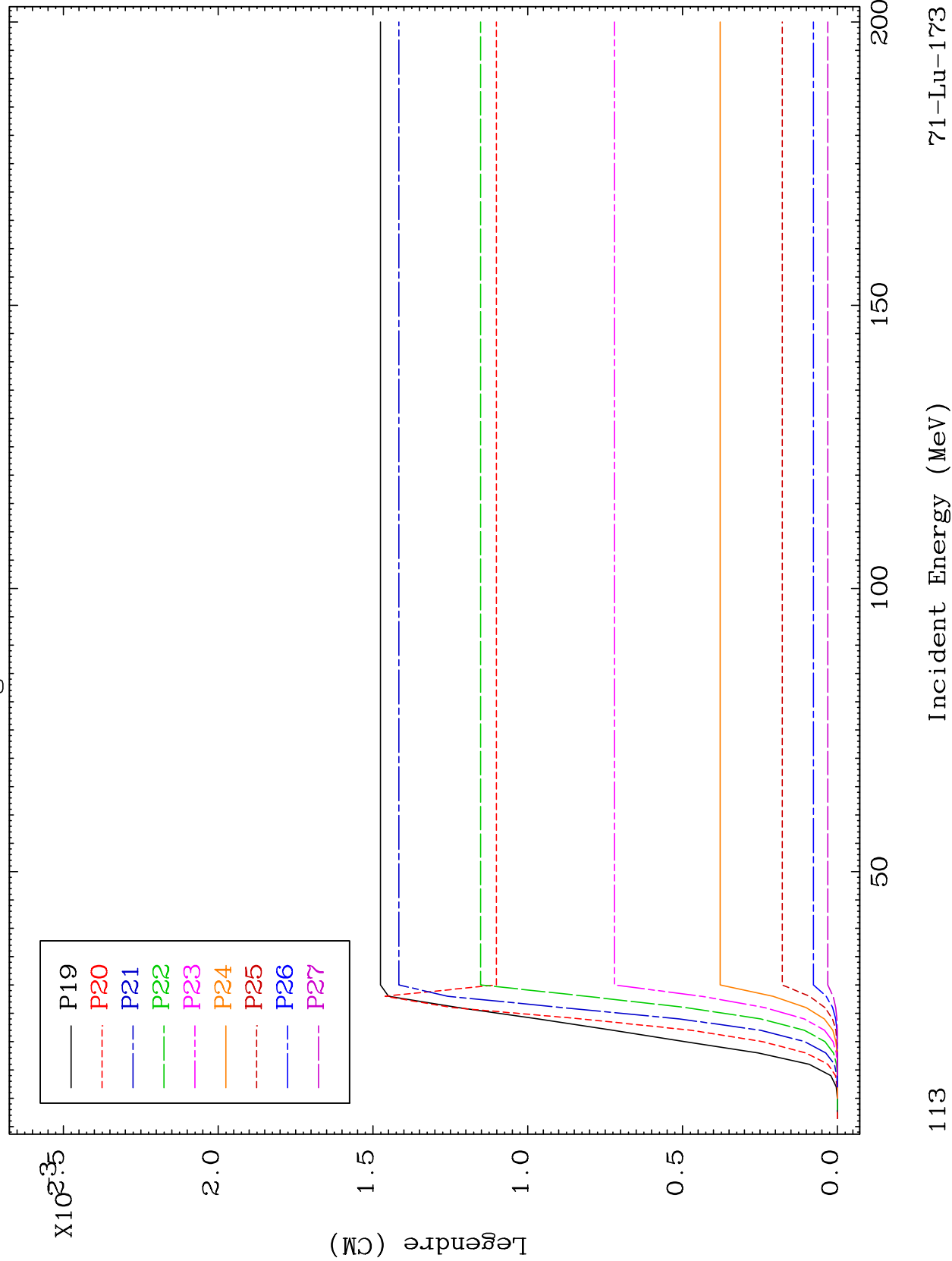
71-Lu-173



71-Lu-173

Incident Energy (MeV)

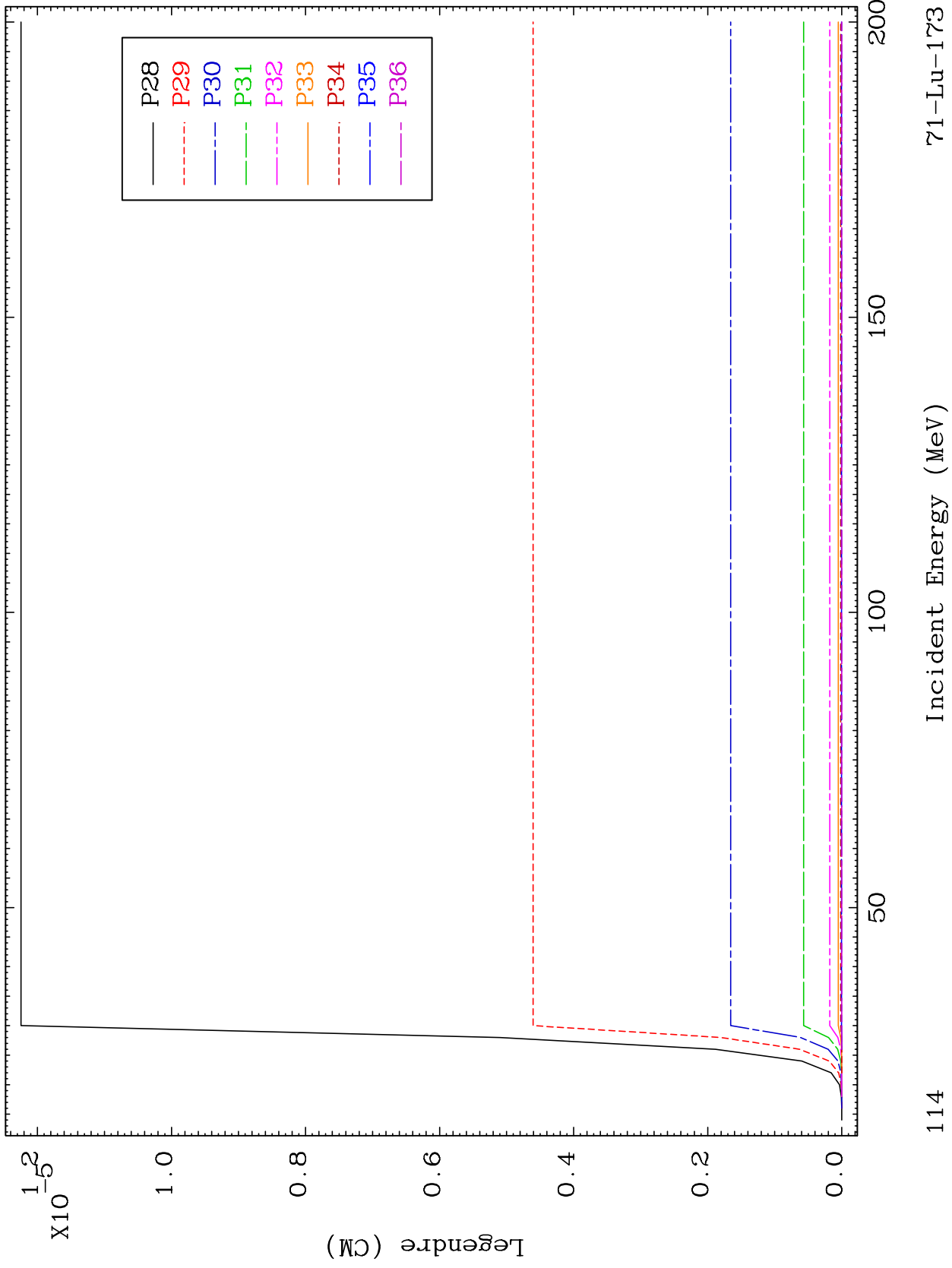
112

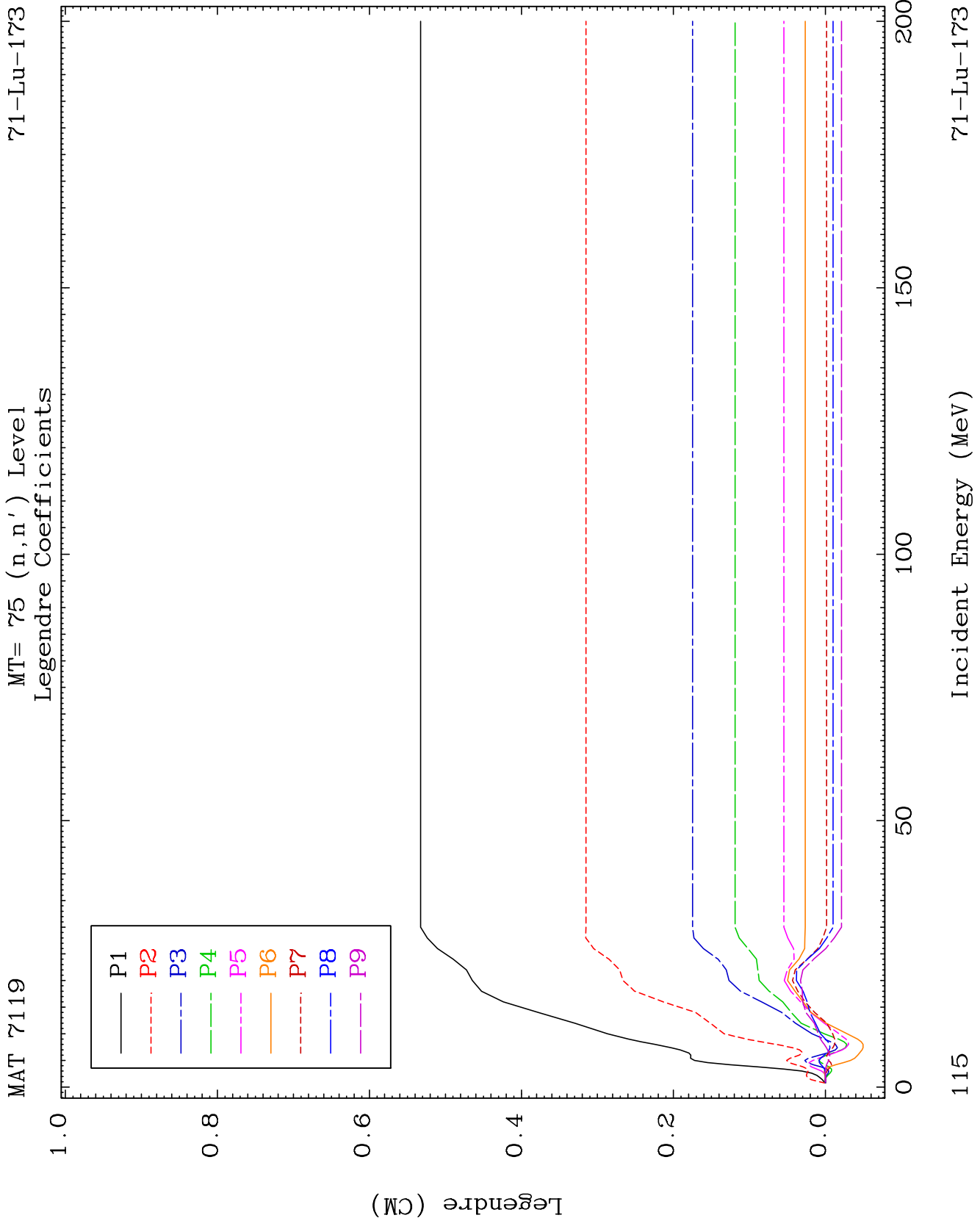


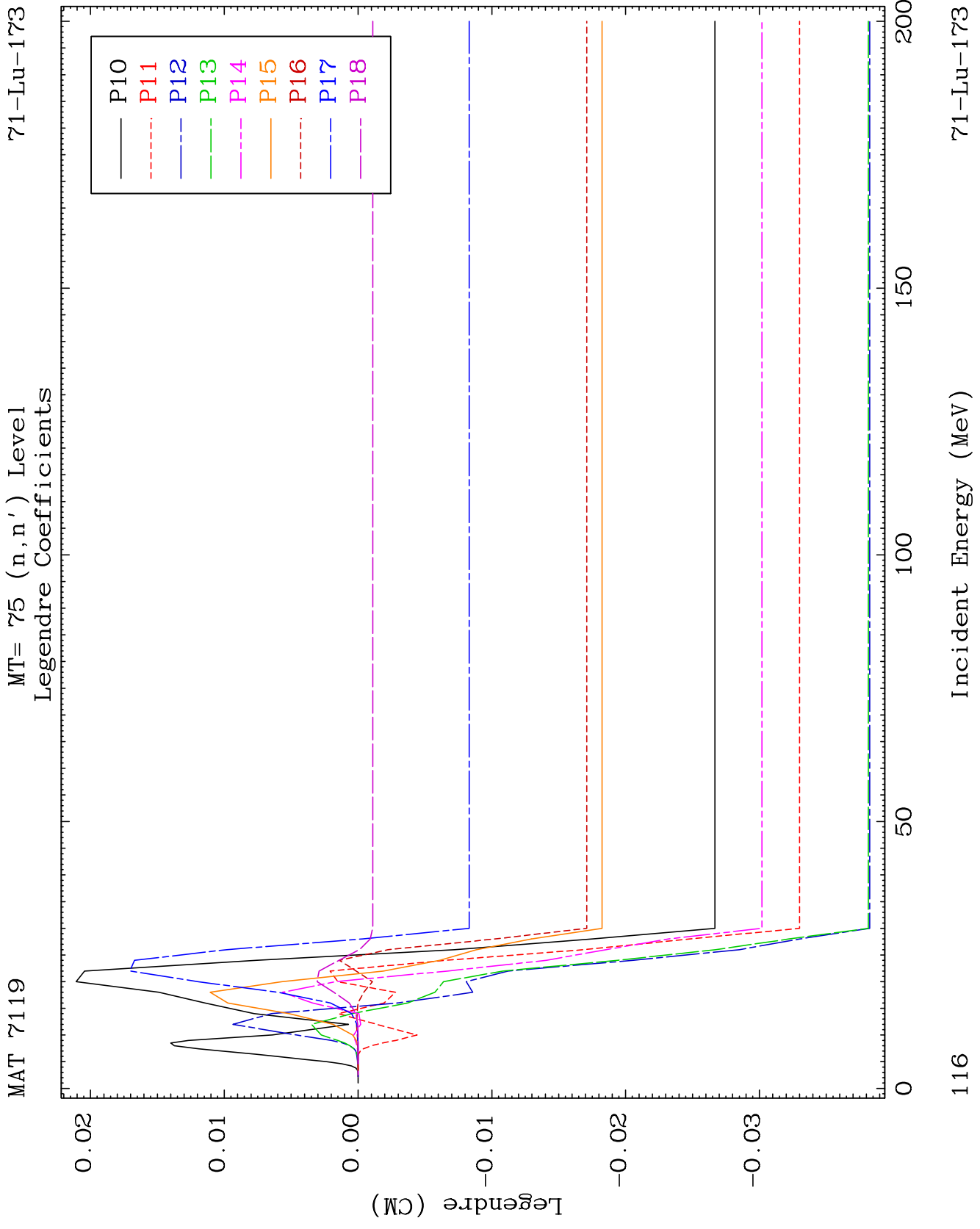
MAT 7119

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

71-Lu-173



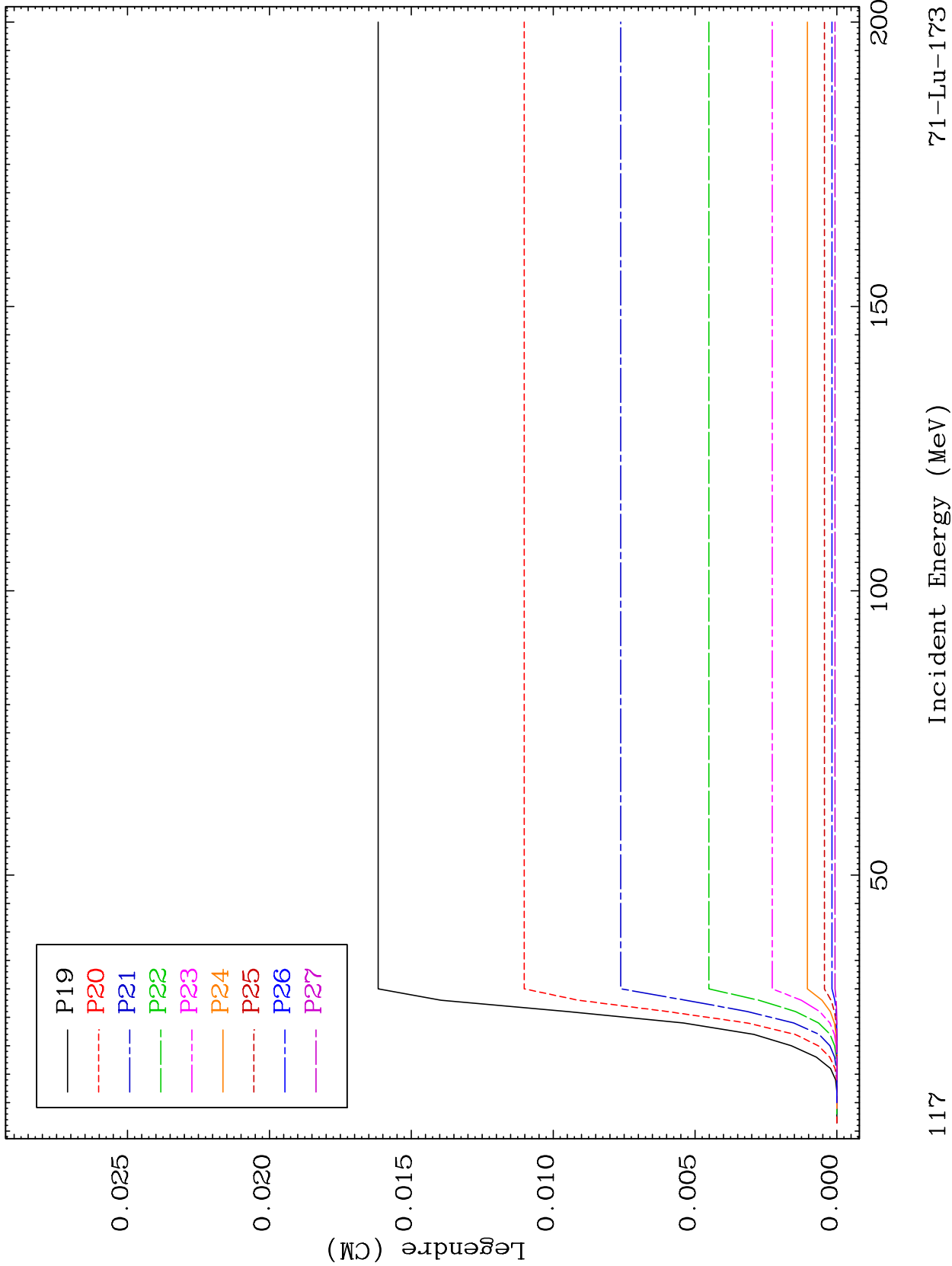




MAT 7119

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

71-Lu-173



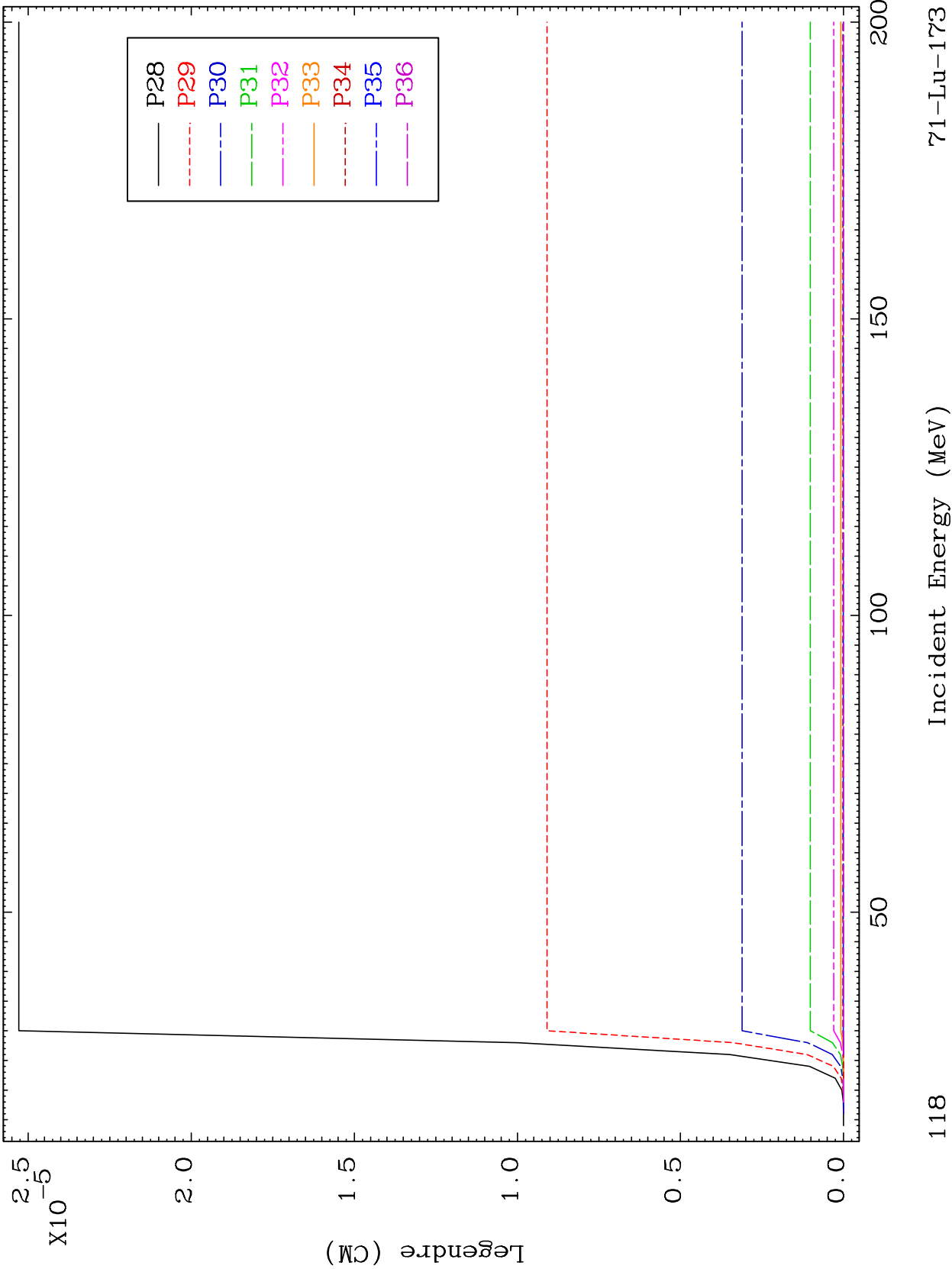
117

71-Lu-173

MAT 7119

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

71-Lu-173



118

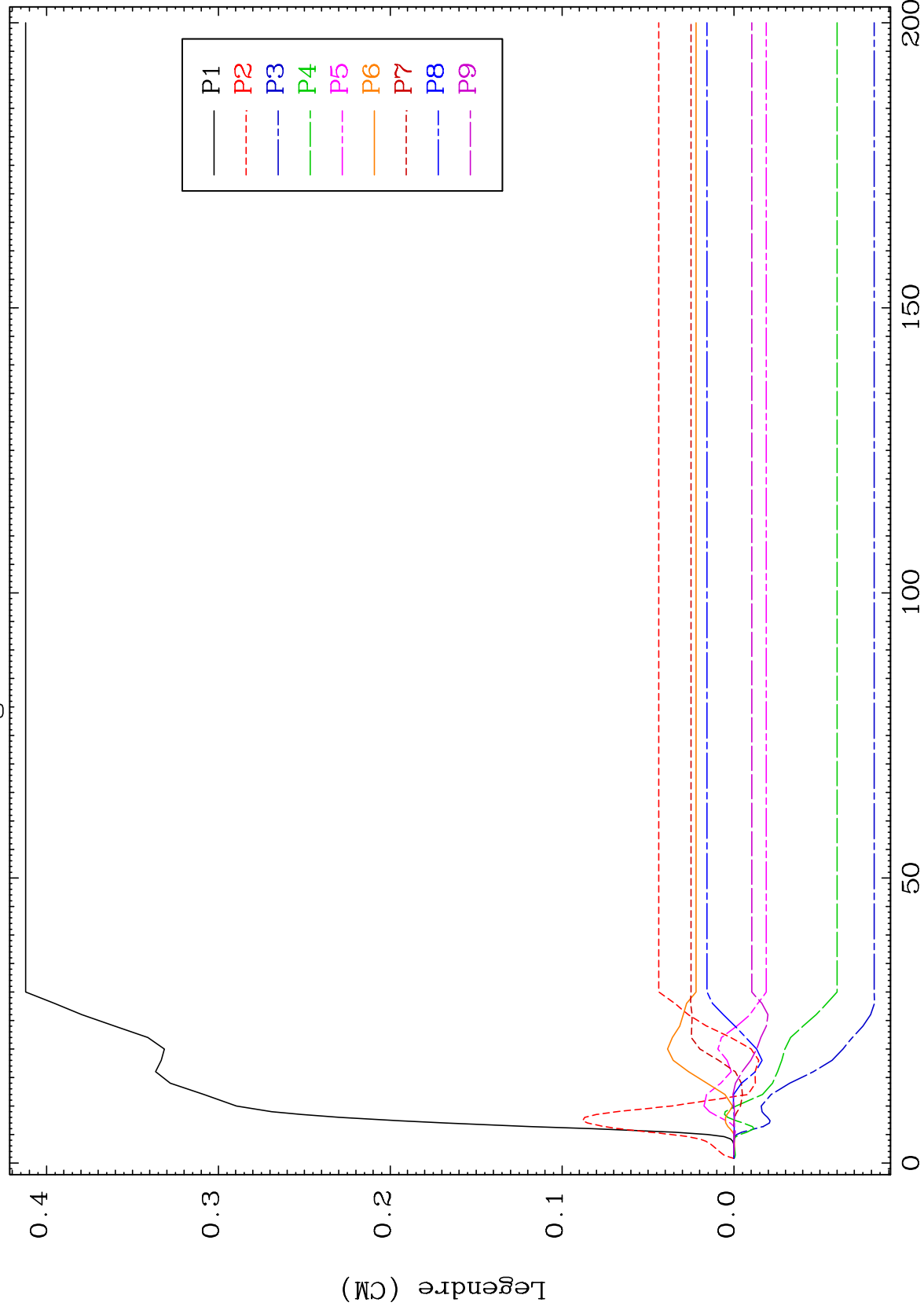
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



119

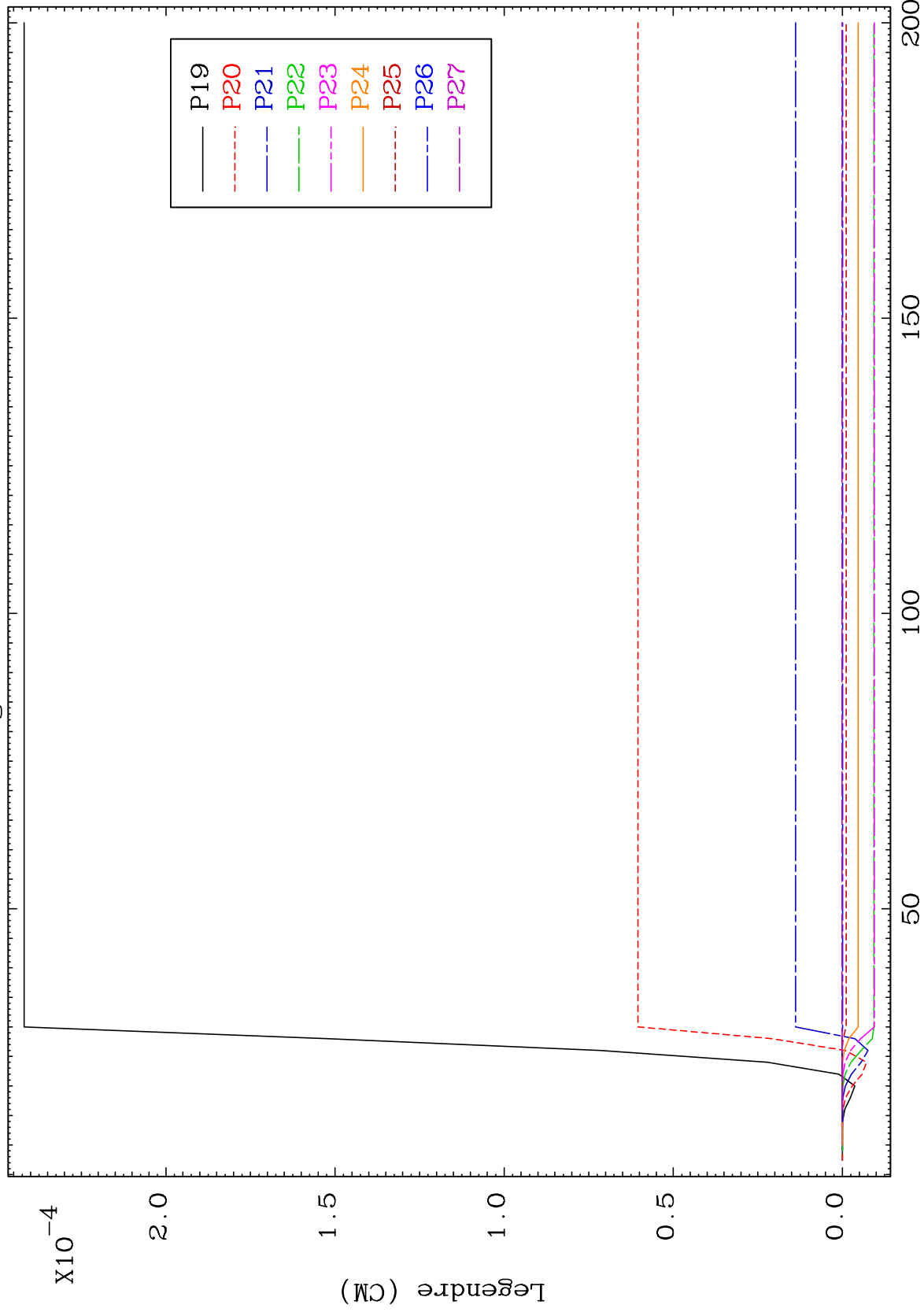
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



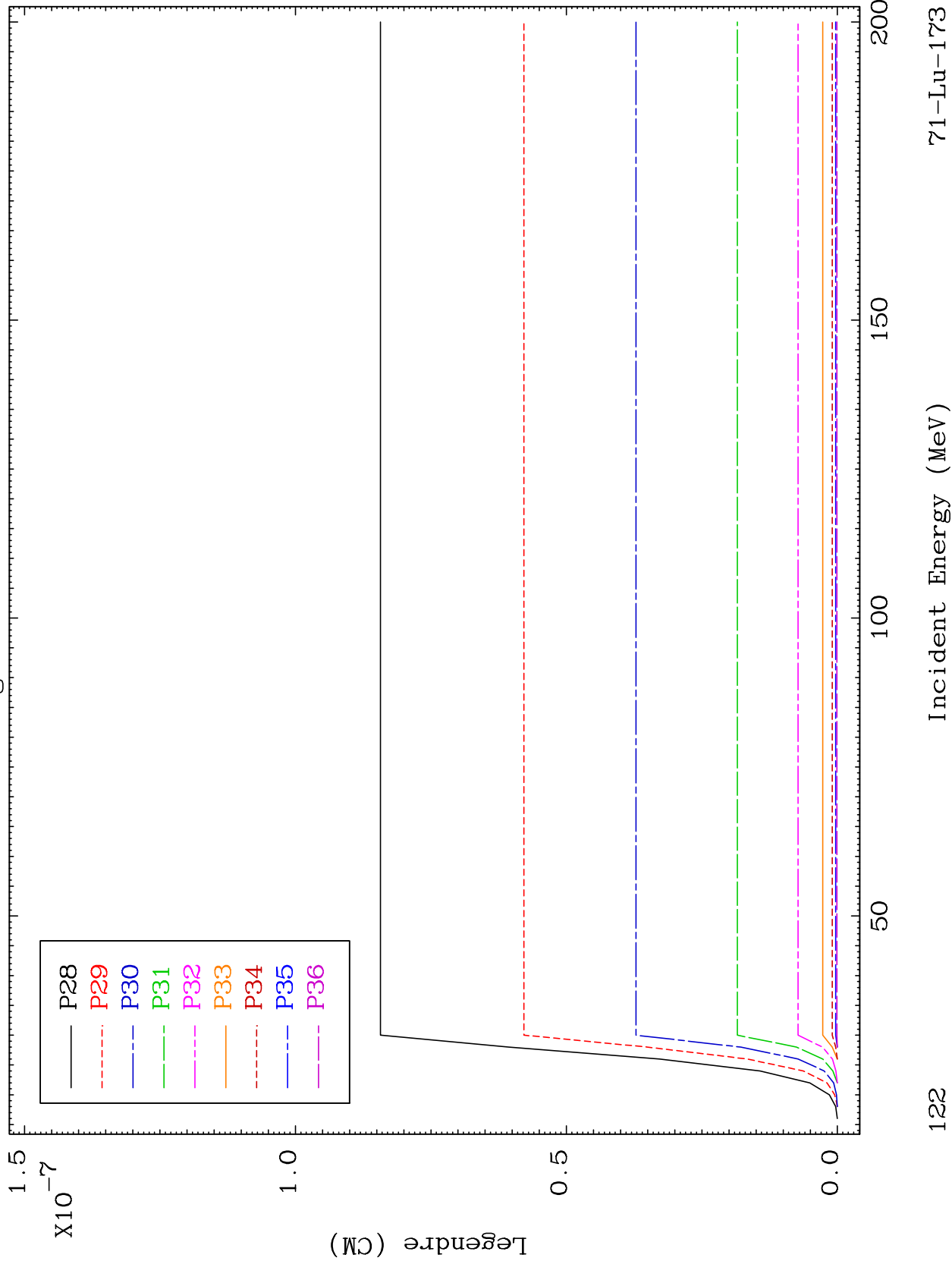
121

71-Lu-173

MAT 7119

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

71-Lu-173



122

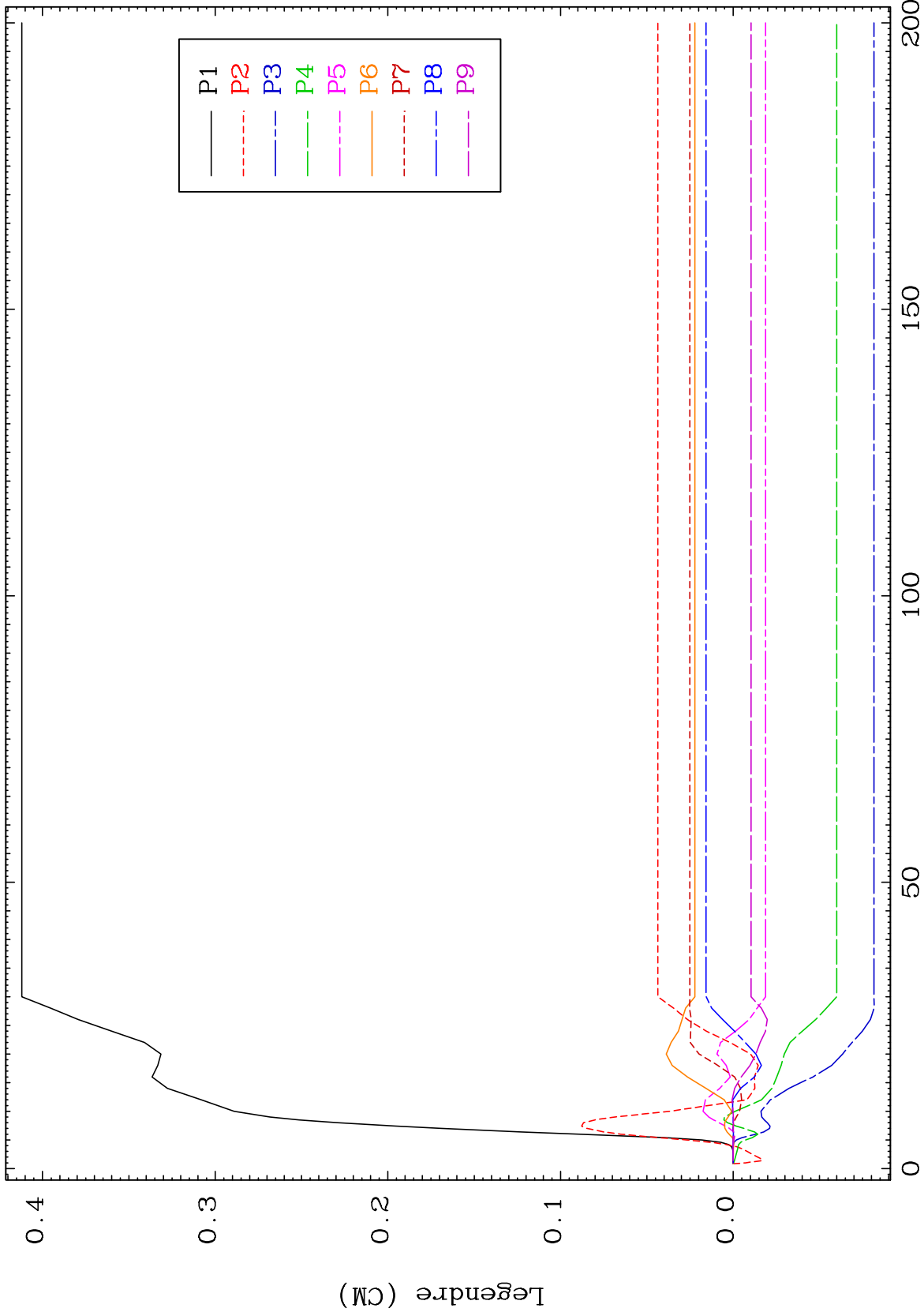
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



123

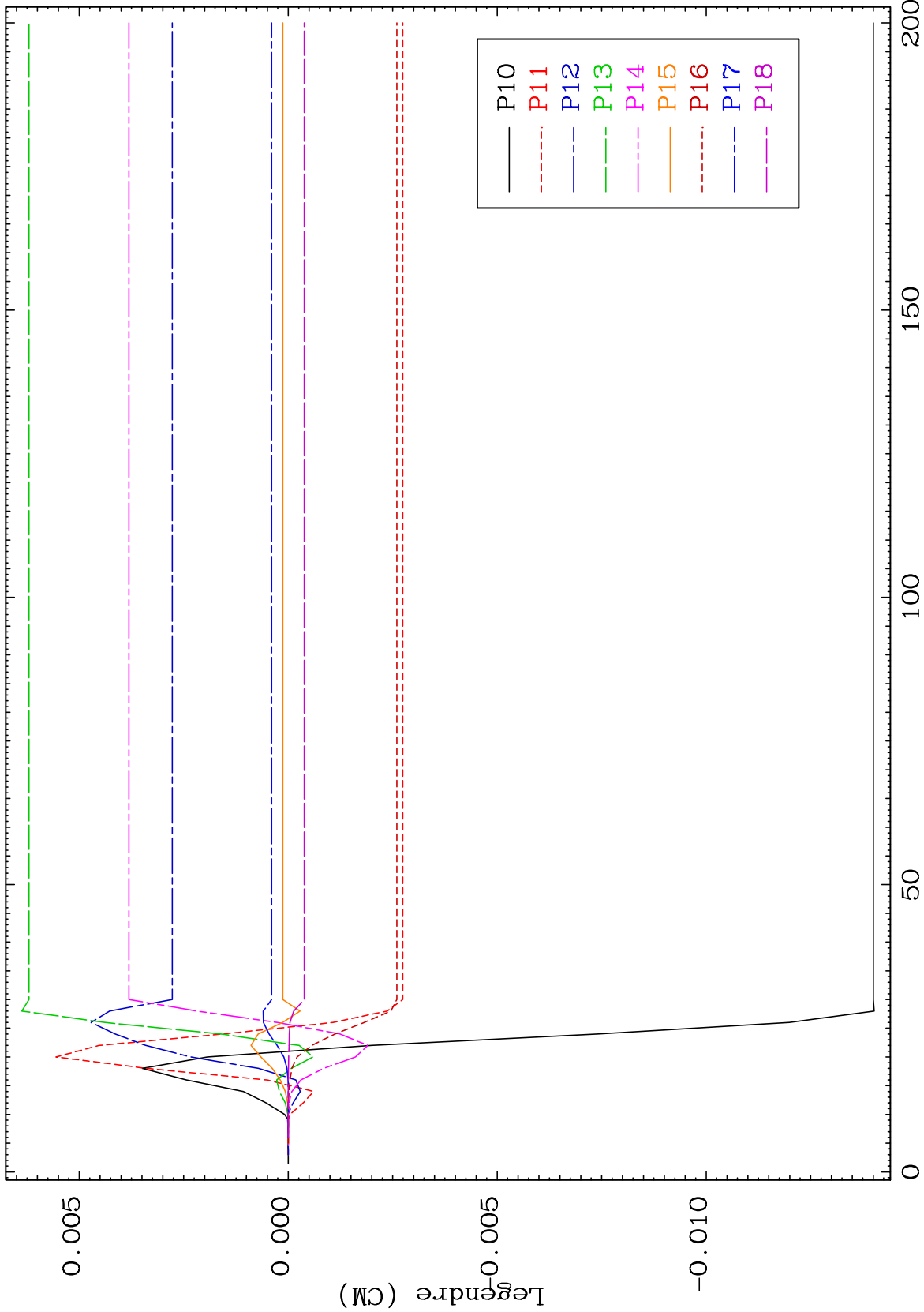
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



124

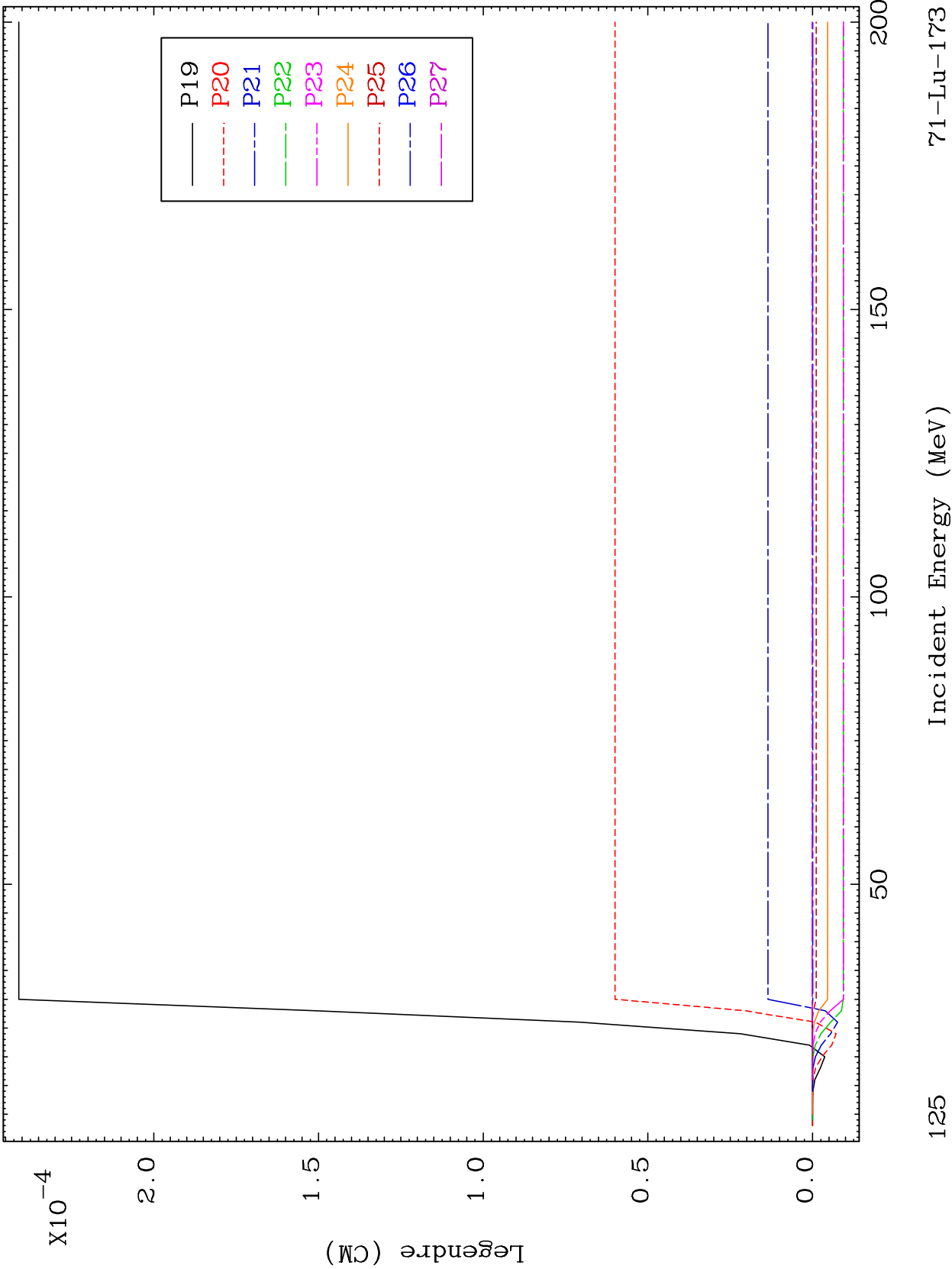
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

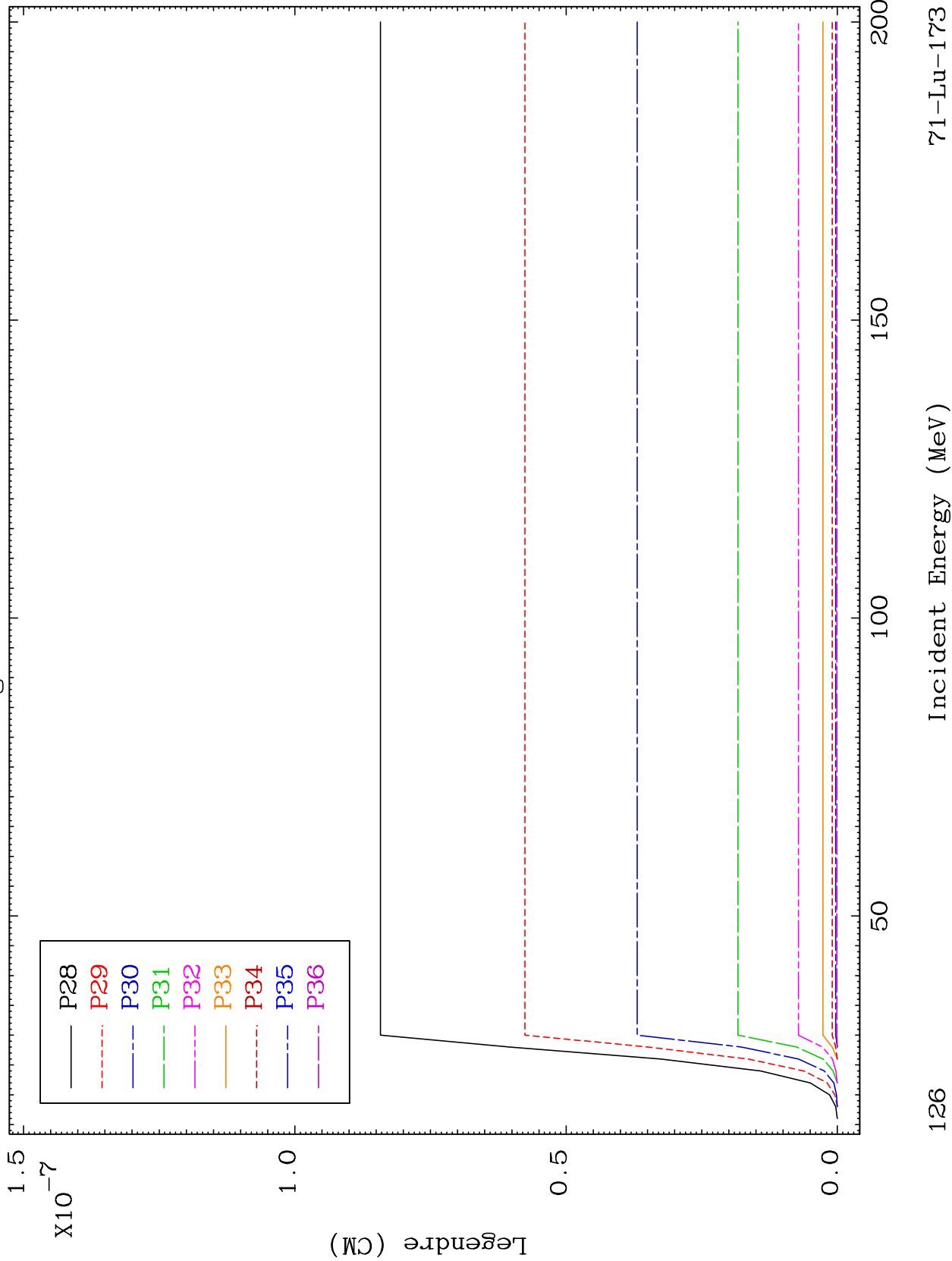
71-Lu-173



MAT 7119

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

71-Lu-173



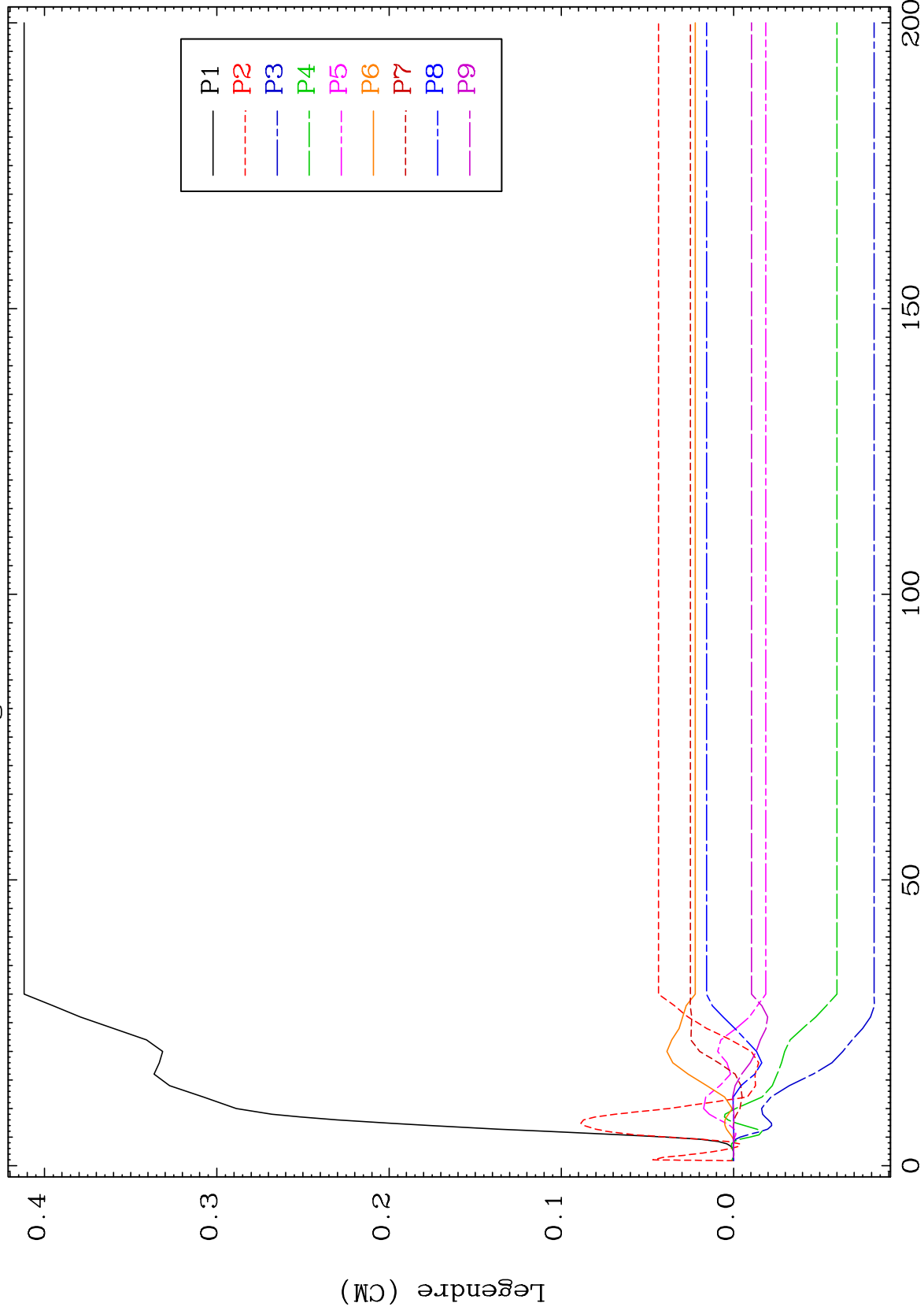
126

71-Lu-173

MAT 7119

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

71-Lu-173



127

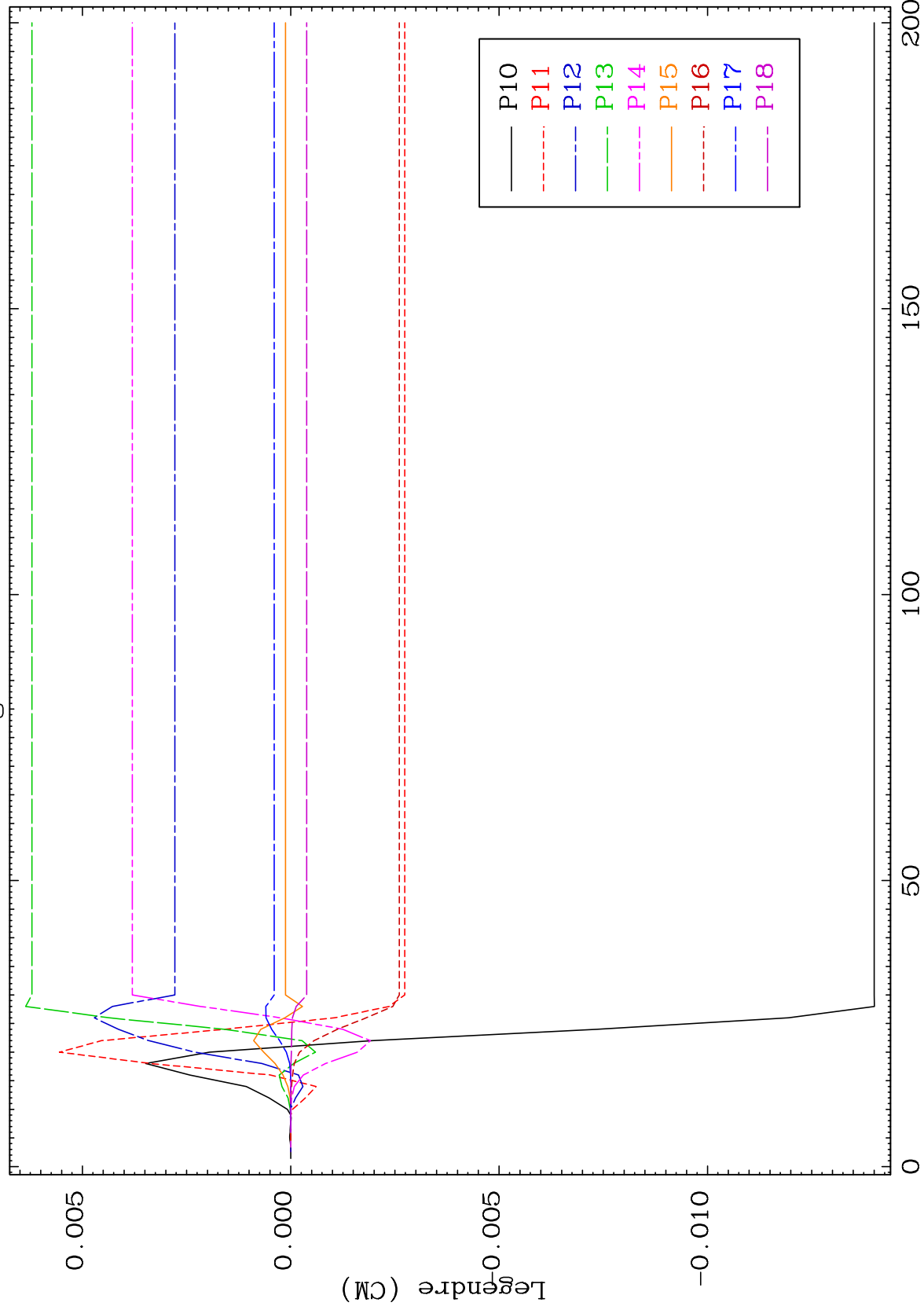
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



128

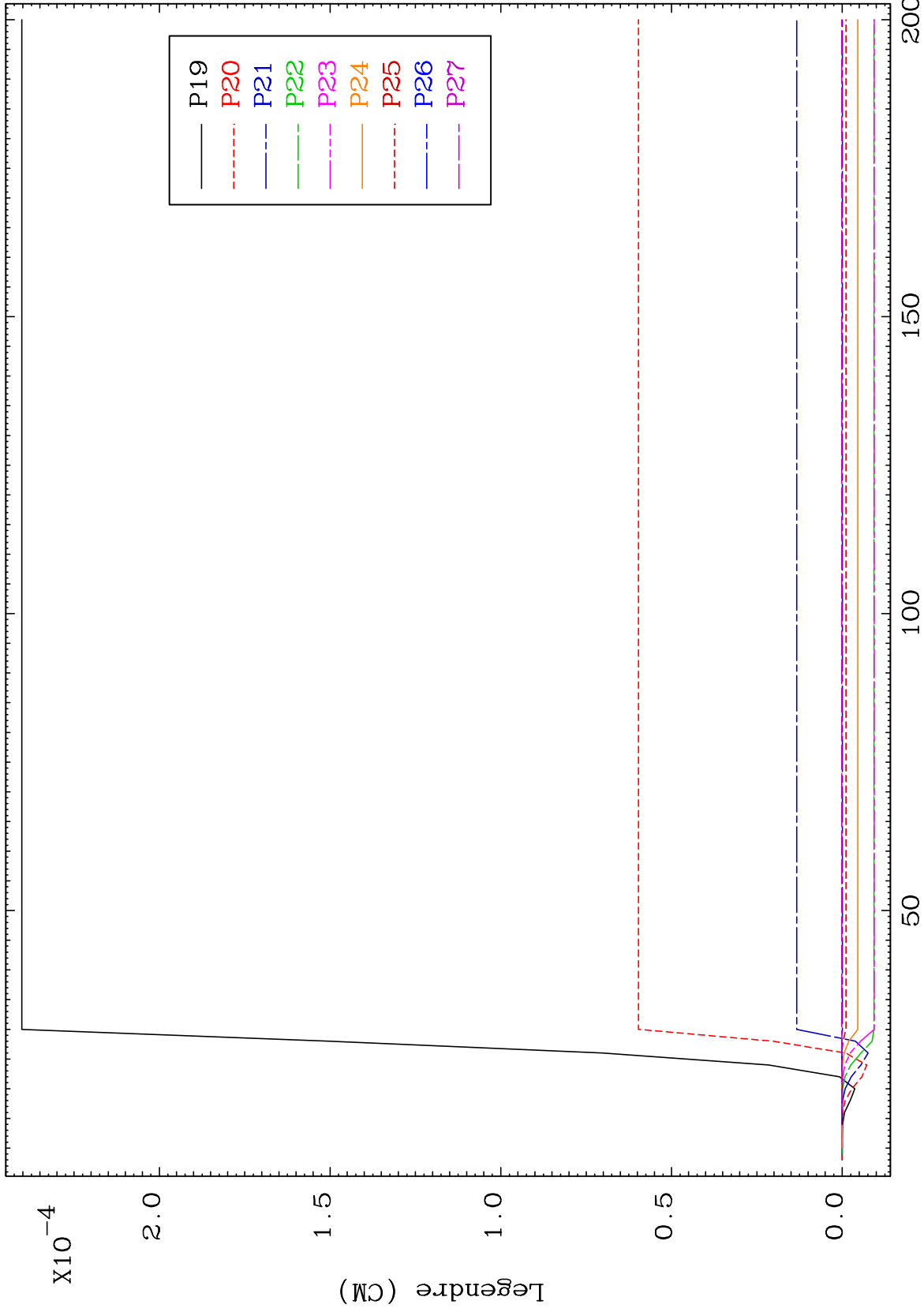
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



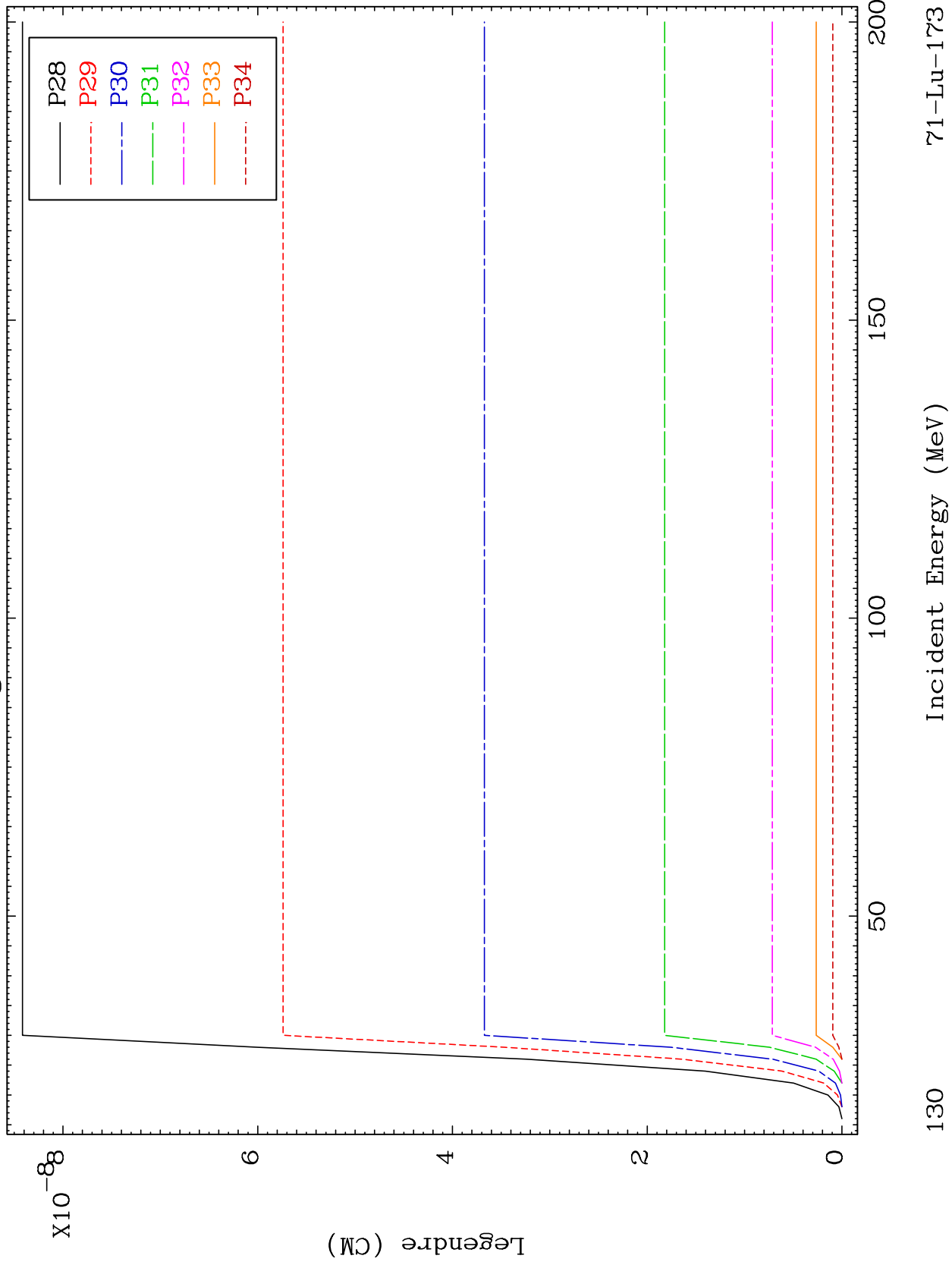
129

71-Lu-173

MAT 7119

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

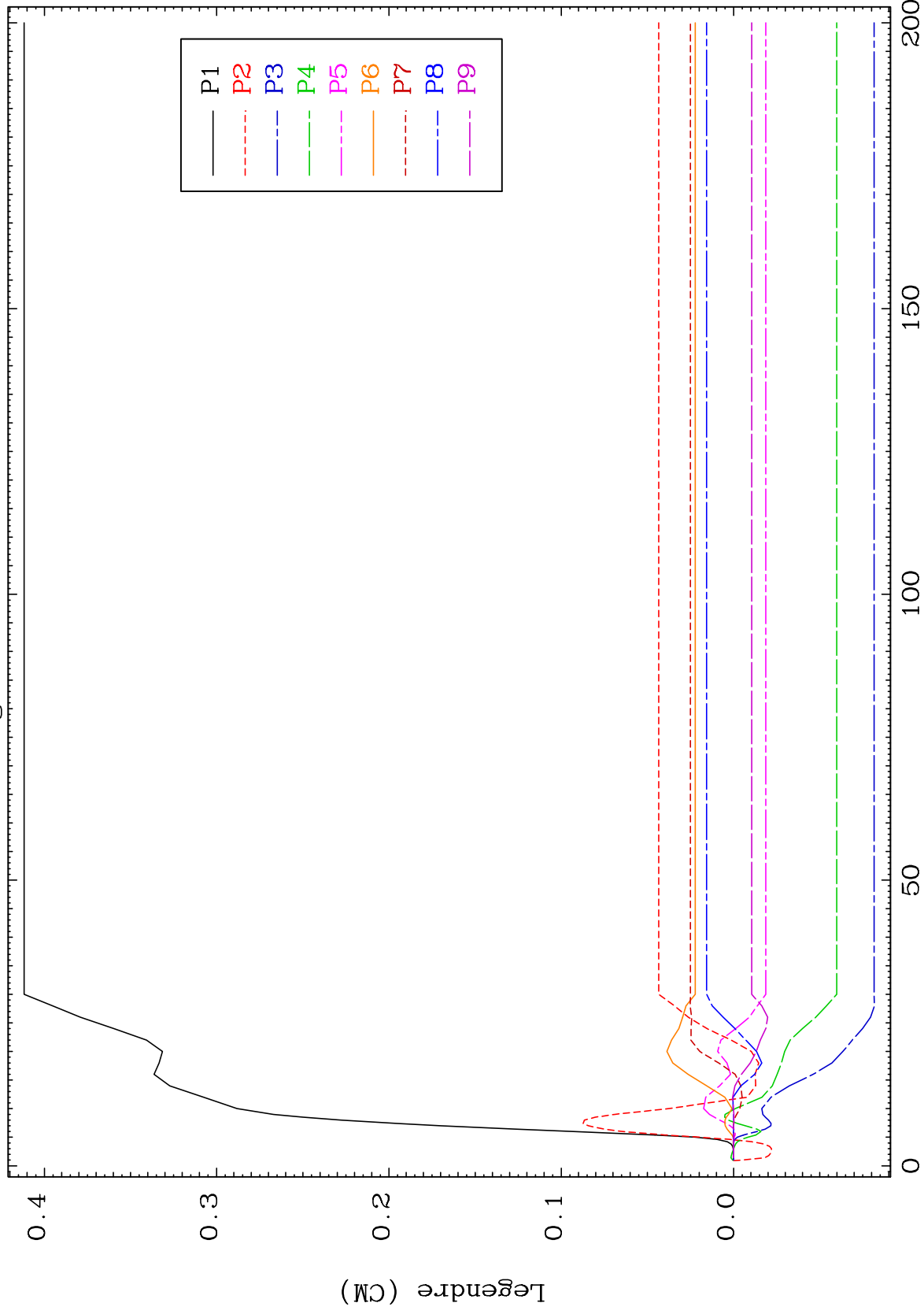
71-Lu-173



MAT 7119

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

71-Lu-173



131

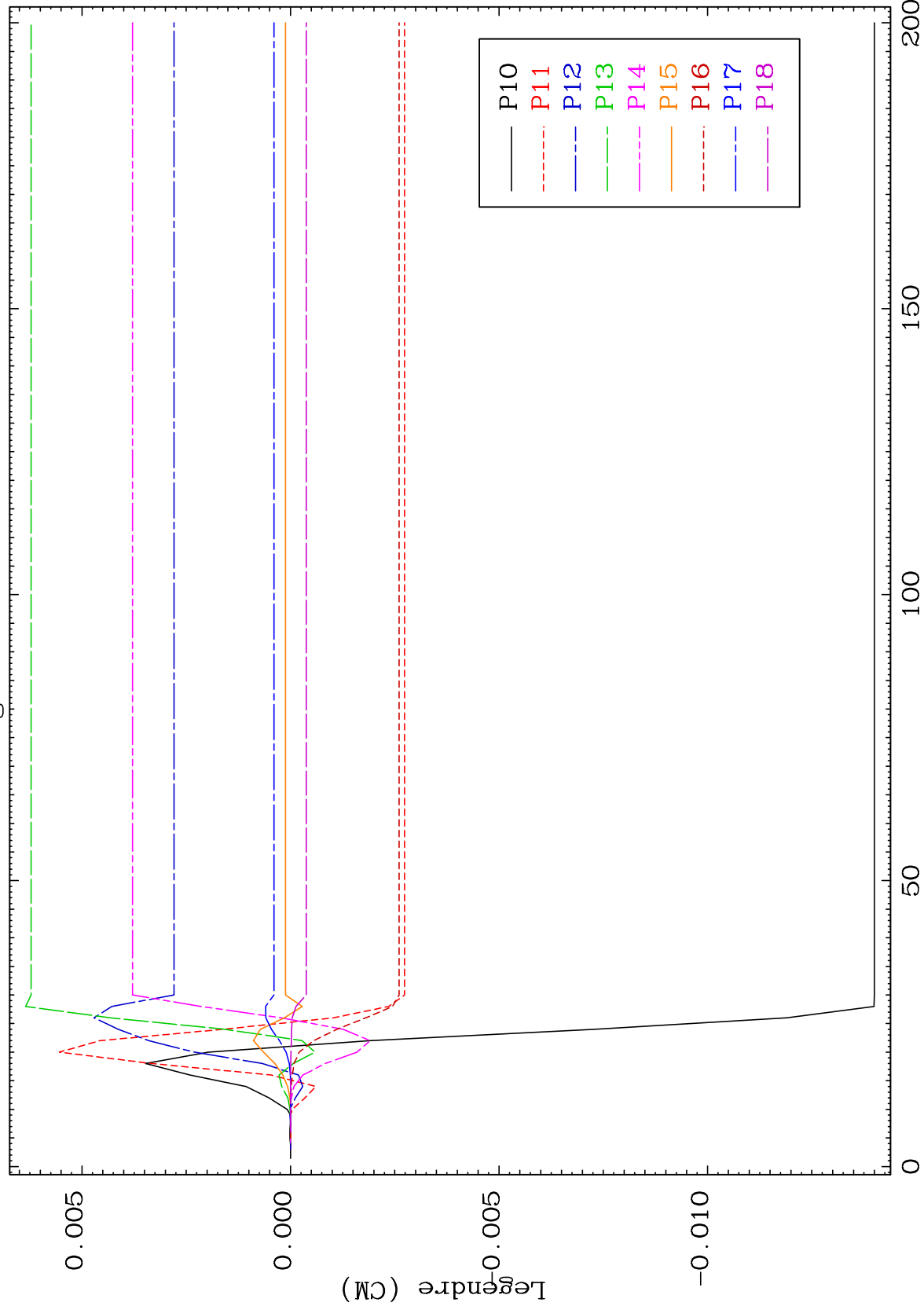
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



132

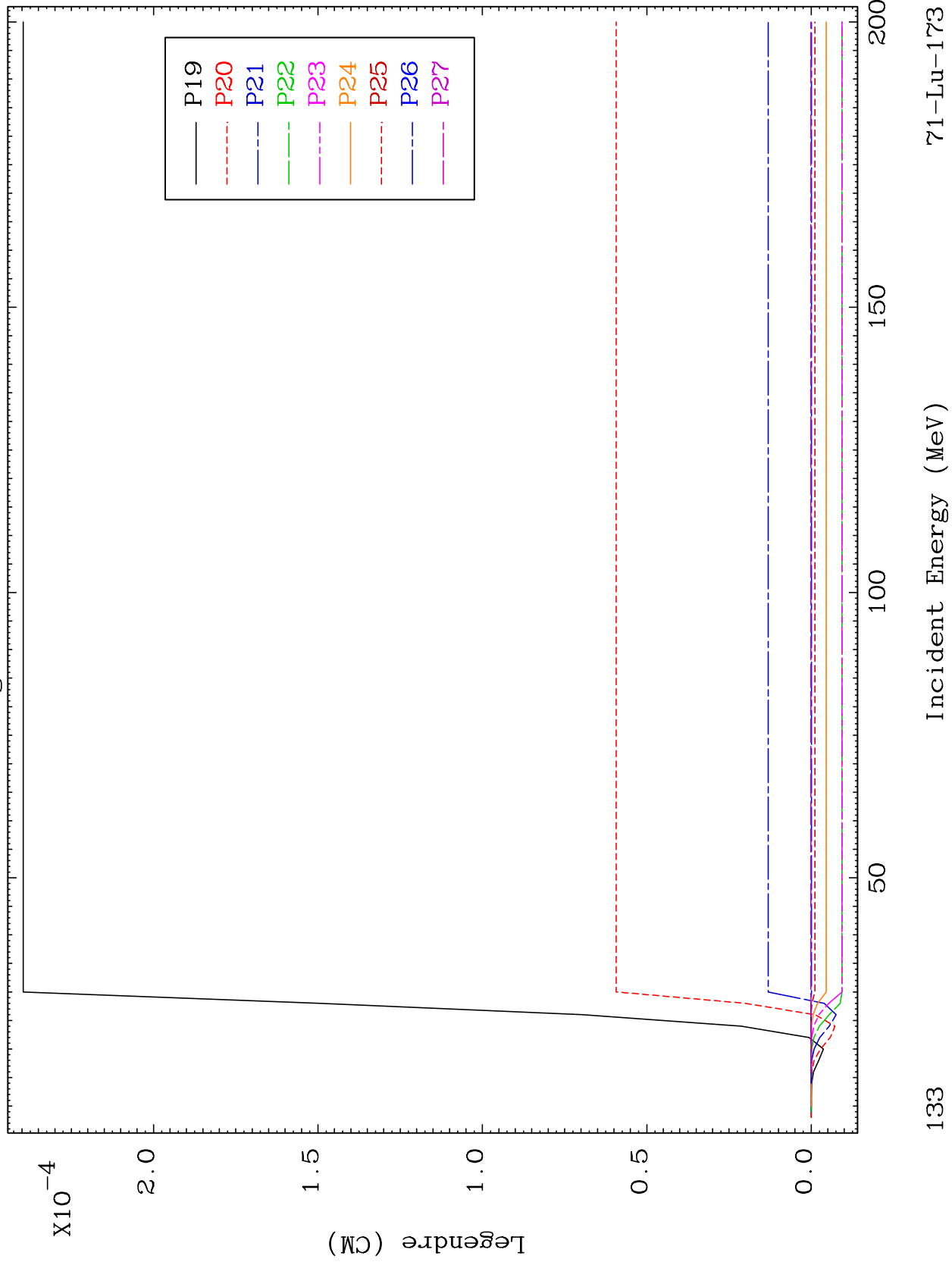
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



133

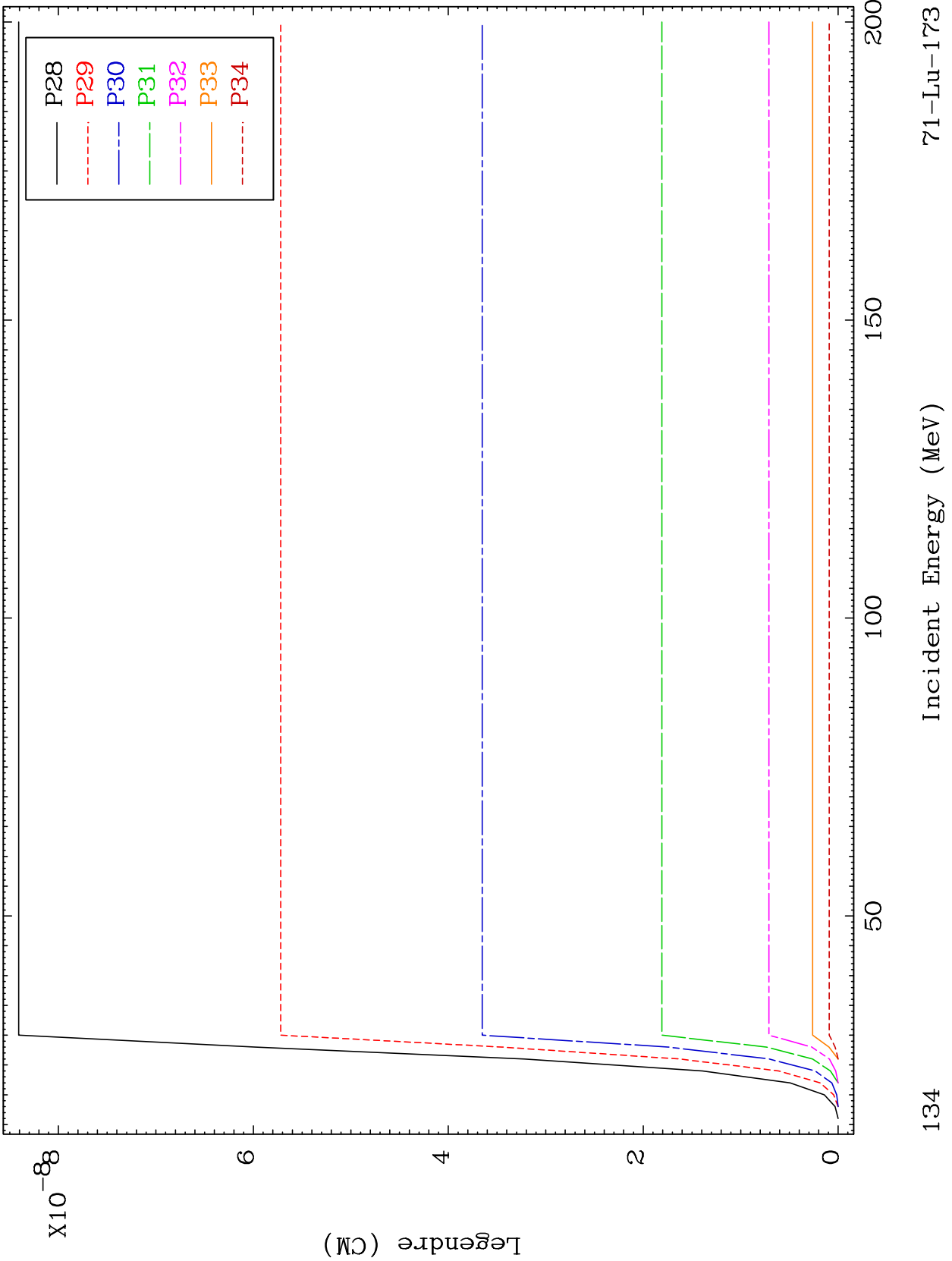
Incident Energy (MeV)

71-Lu-173

MAT 7119

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

71-Lu-173



134

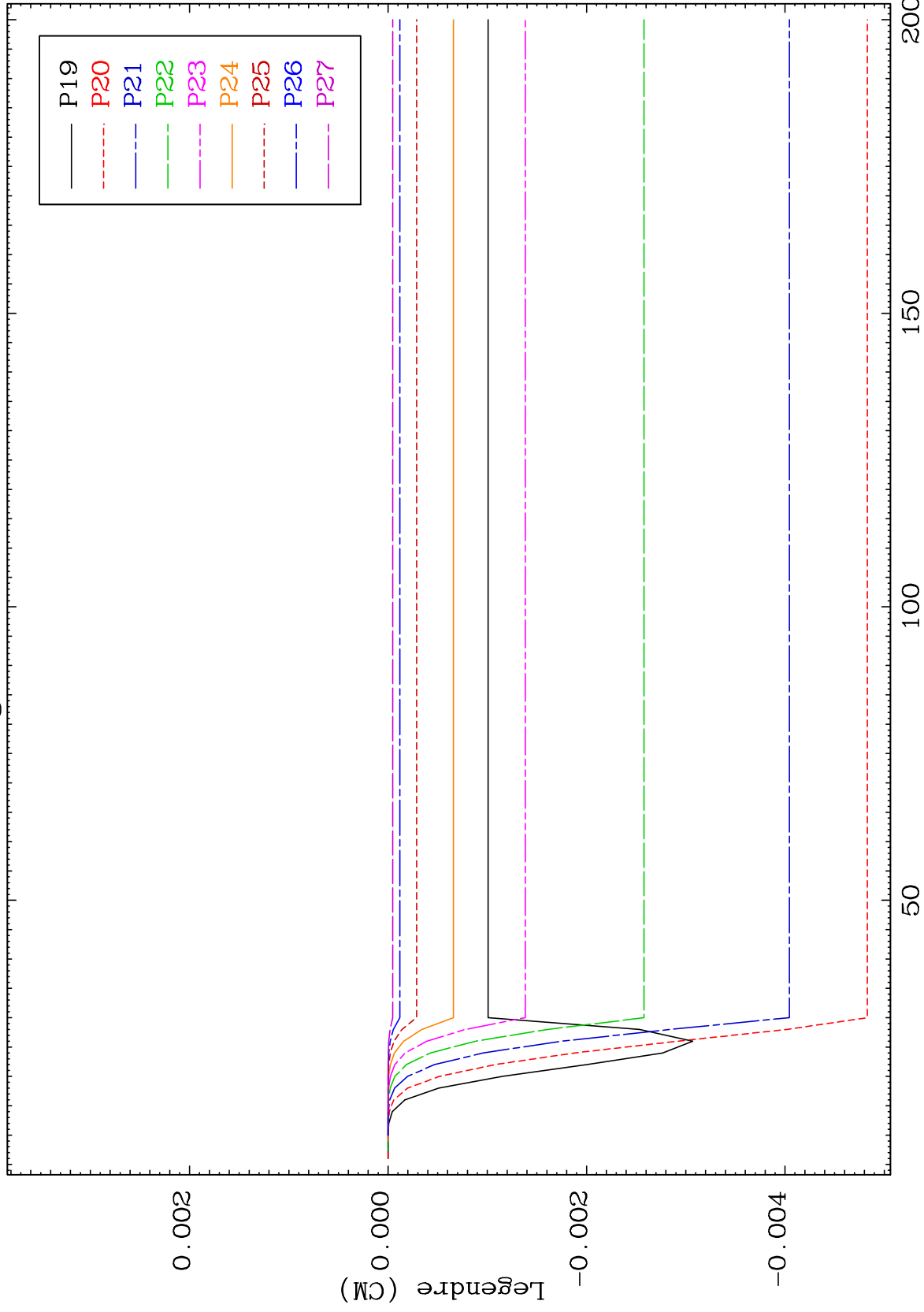
Incident Energy (MeV)

71-Lu-173

MAT 7119

MT= 80 (n,n') Level
Legendre Coefficients

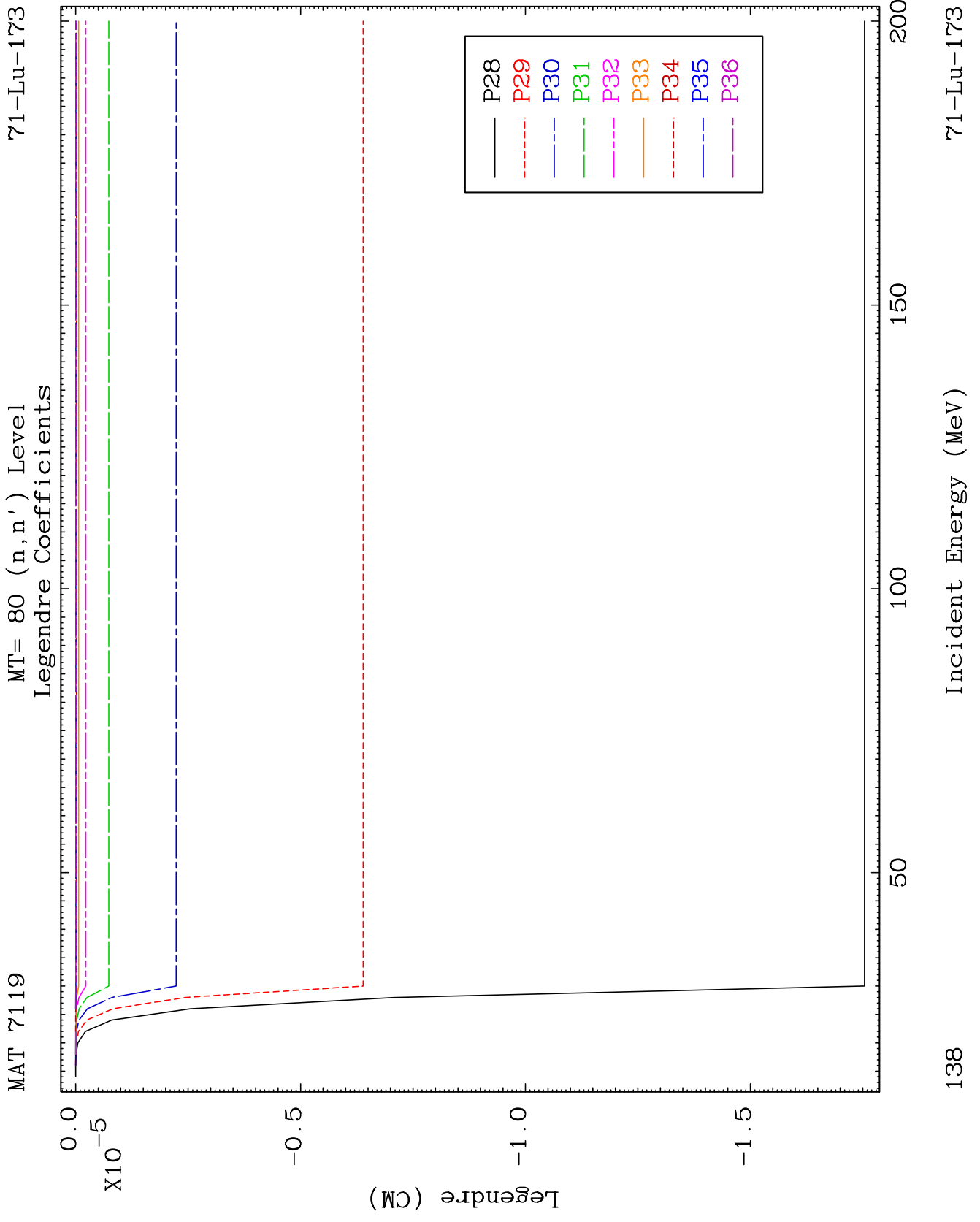
71-Lu-173



137

Incident Energy (MeV)

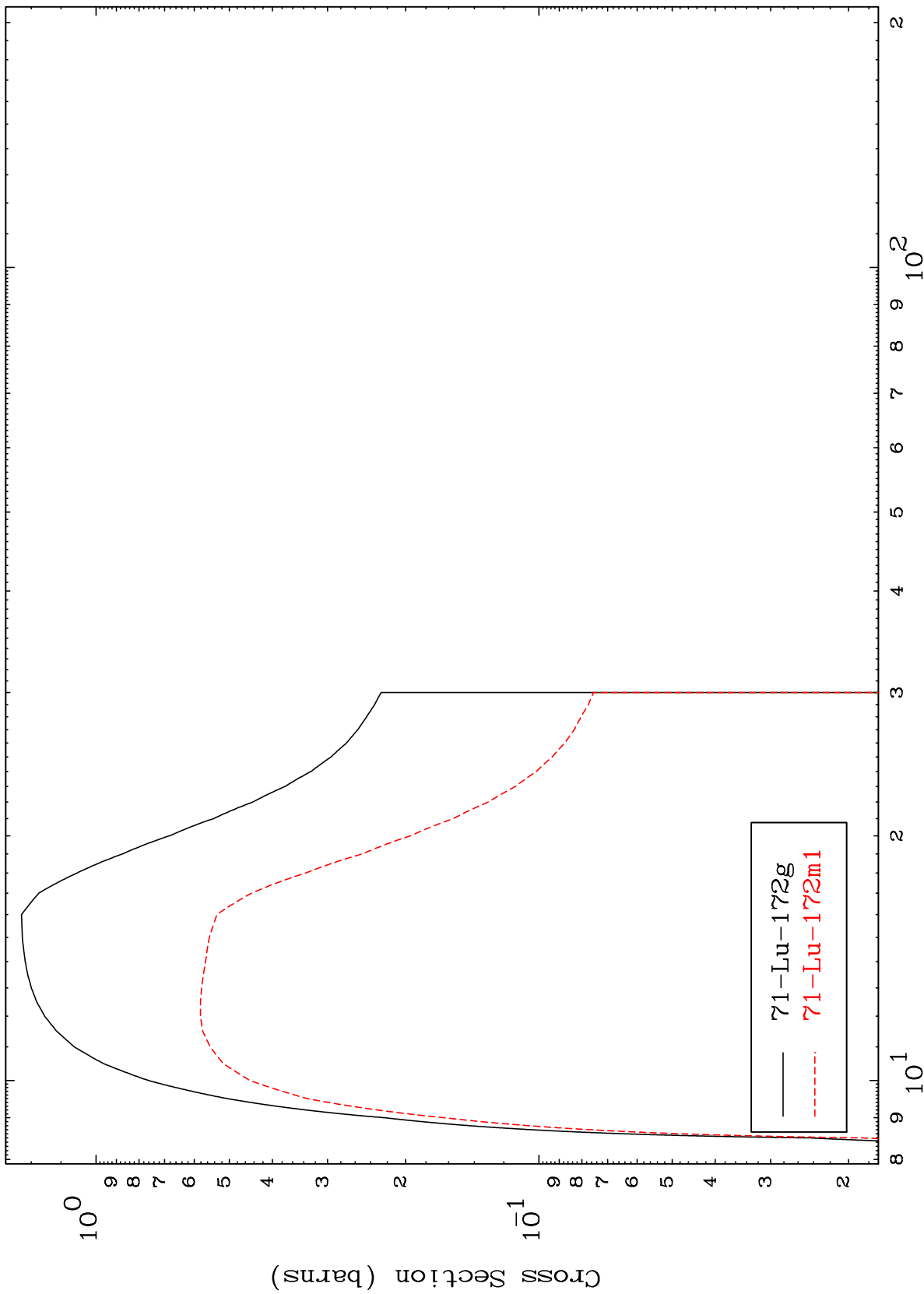
71-Lu-173



MAT 7119

71-Lu-173

(n,2n)
Radionuclide Production Cross Section



71-Lu-173

Incident Energy (MeV)

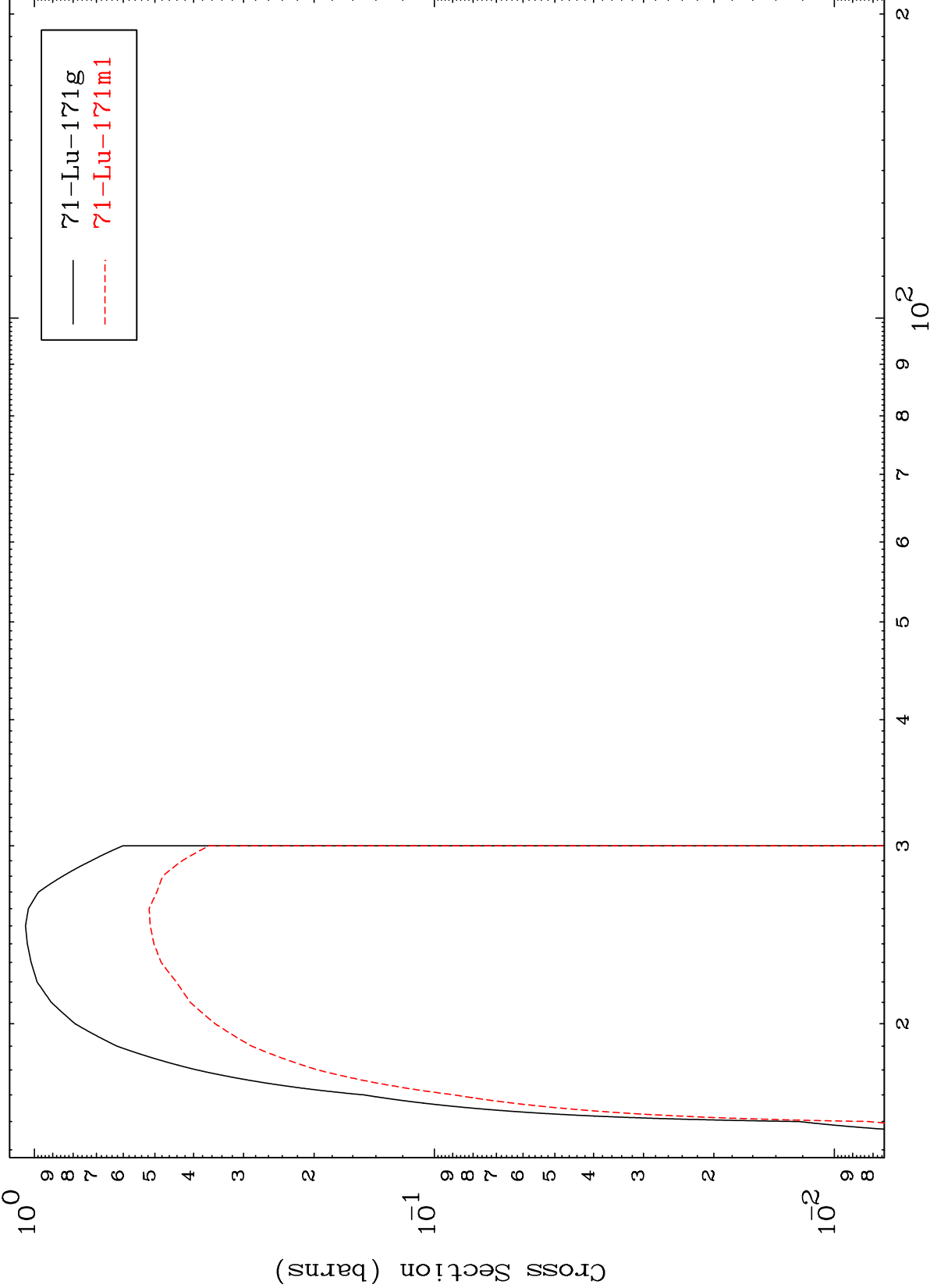
139

MAT 7119

(n,3n)

71-Lu-173

Radionuclide Production Cross Section



140

Incident Energy (MeV)

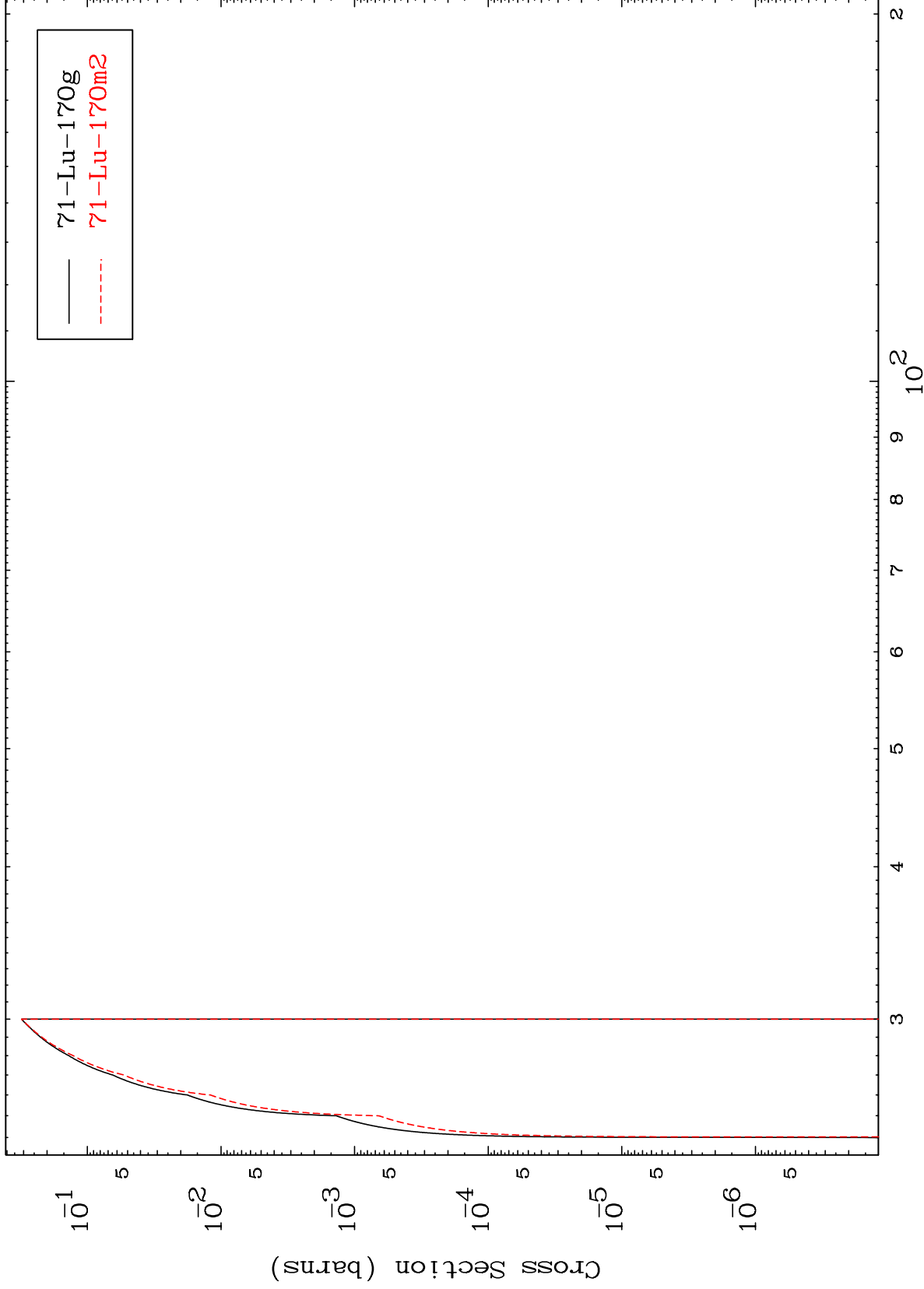
71-Lu-173

MAT 7119

(n,4n)

71-Lu-173

Radionuclide Production Cross Section



141

Incident Energy (MeV)

71-Lu-173

MAT 7119

(n,2α)

71-Lu-173

Radionuclide Production Cross Section

