

Program EVALPLOT
(Version 2018-1)

by

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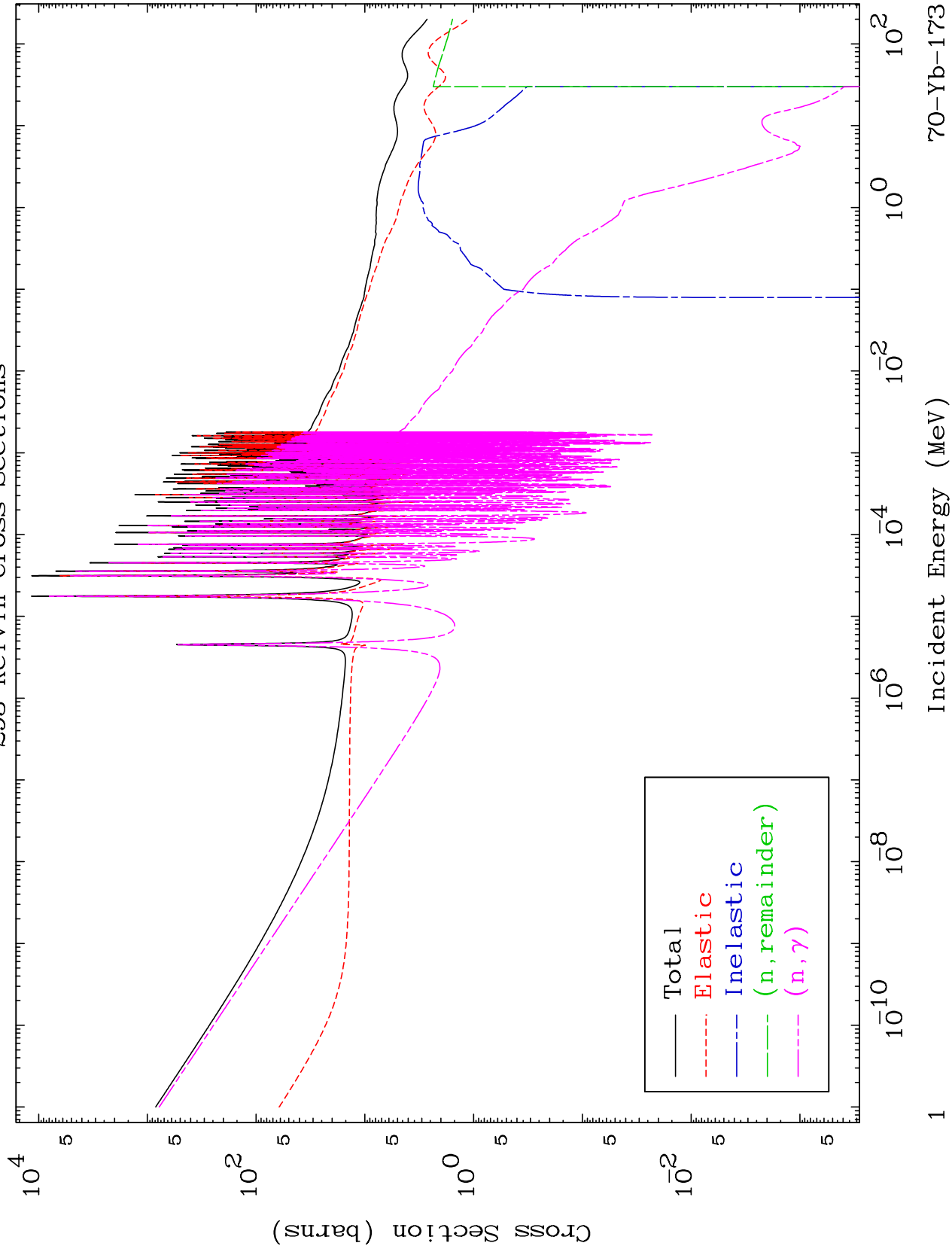
Press Mouse Button to Start

MAT 7040

Major

293 Kelvin Cross Sections

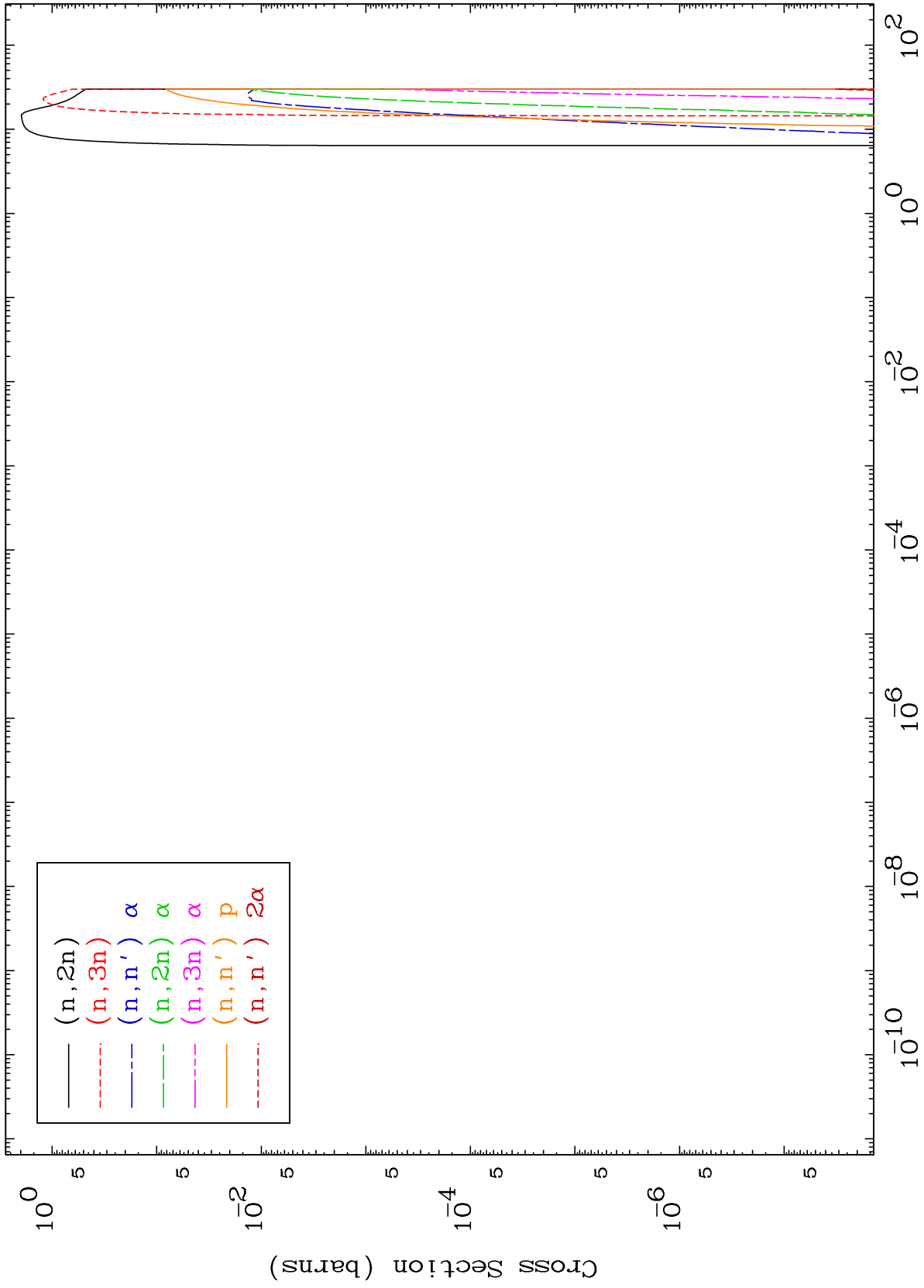
70-Yb-173



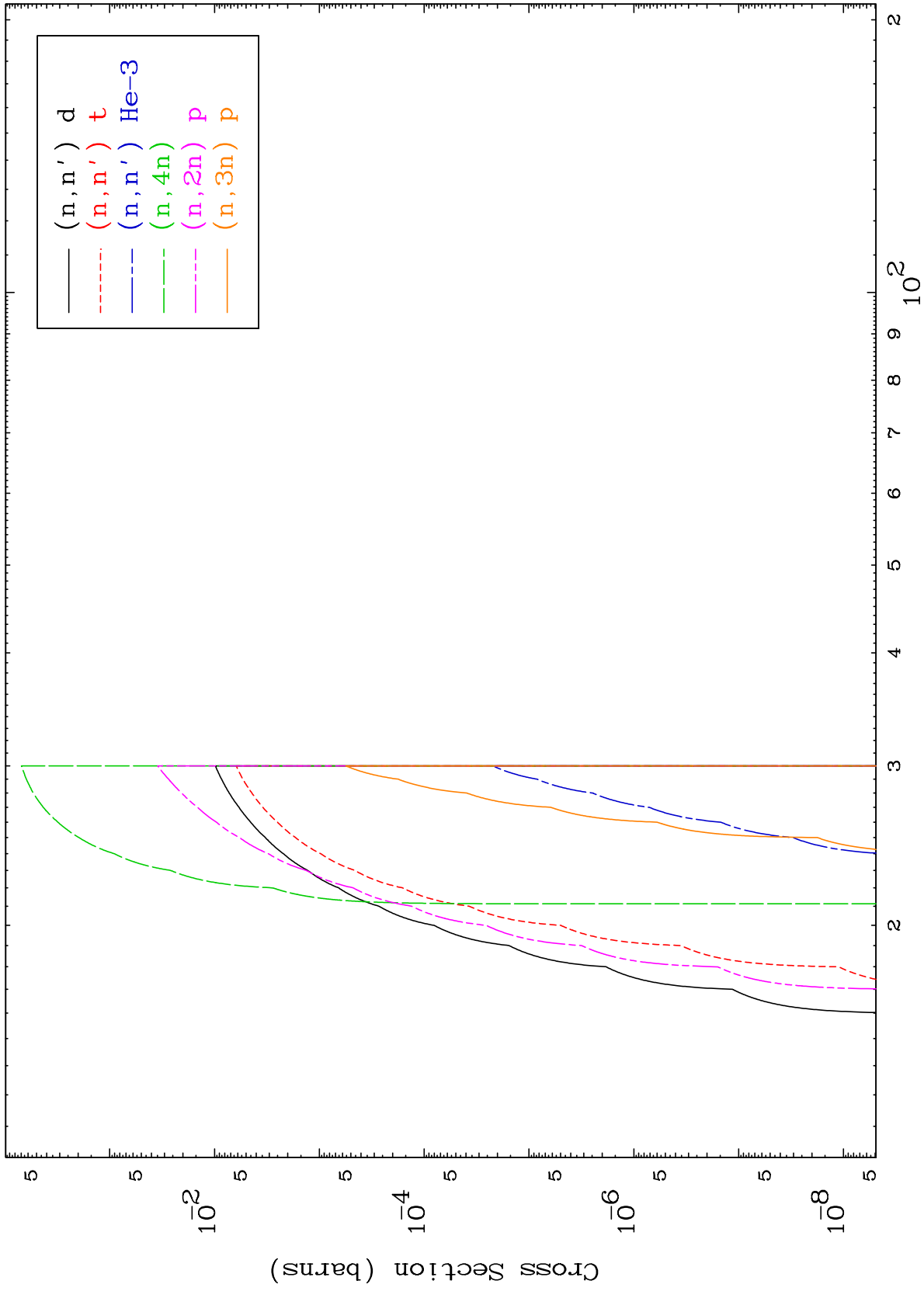
MAT 7040

Neutron Production
293 Kelvin Cross Sections

70-Yb-173



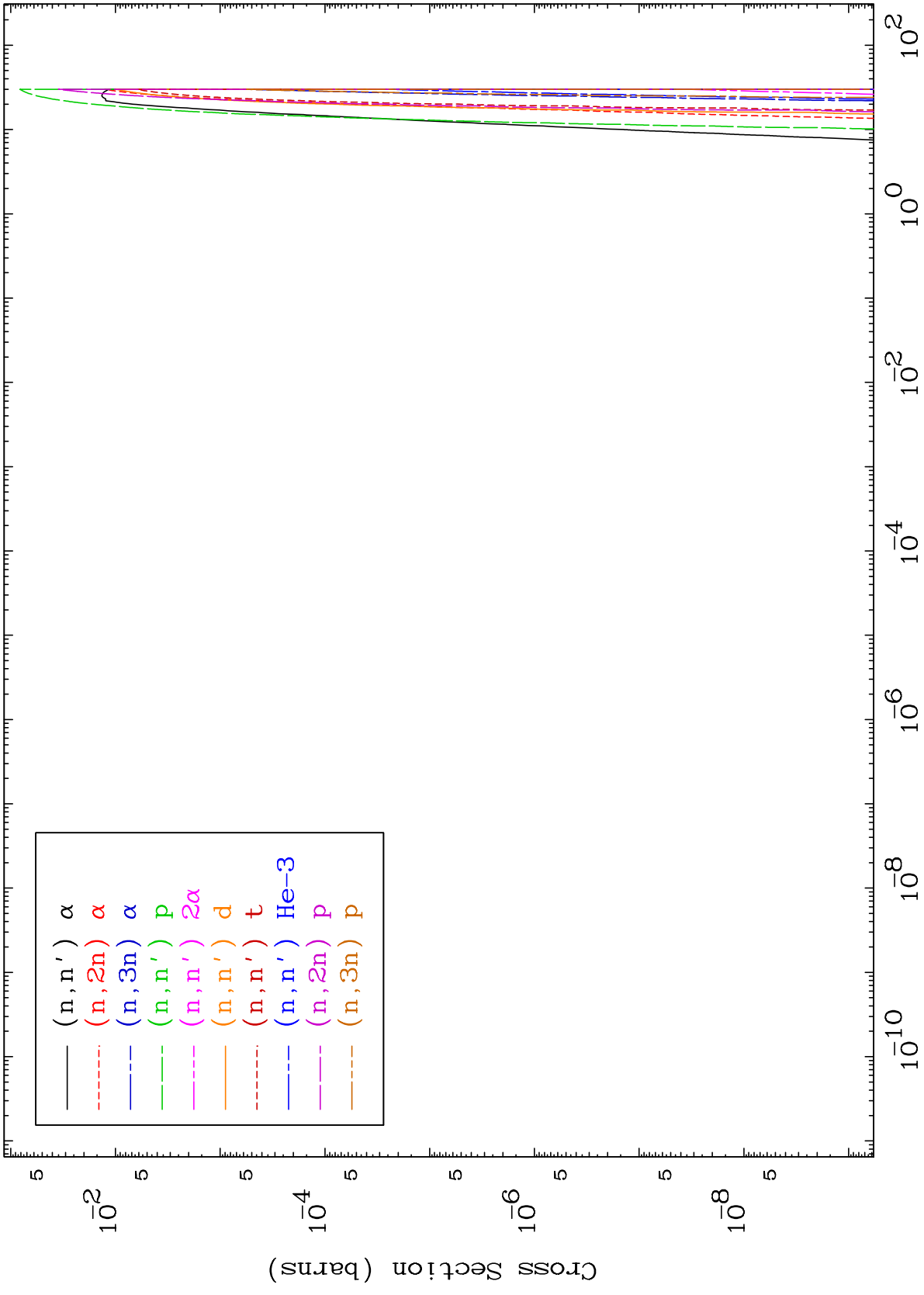
70-Yb-173



MAT 7040

Charged Particle
293 Kelvin Cross Sections

70-Yb-173

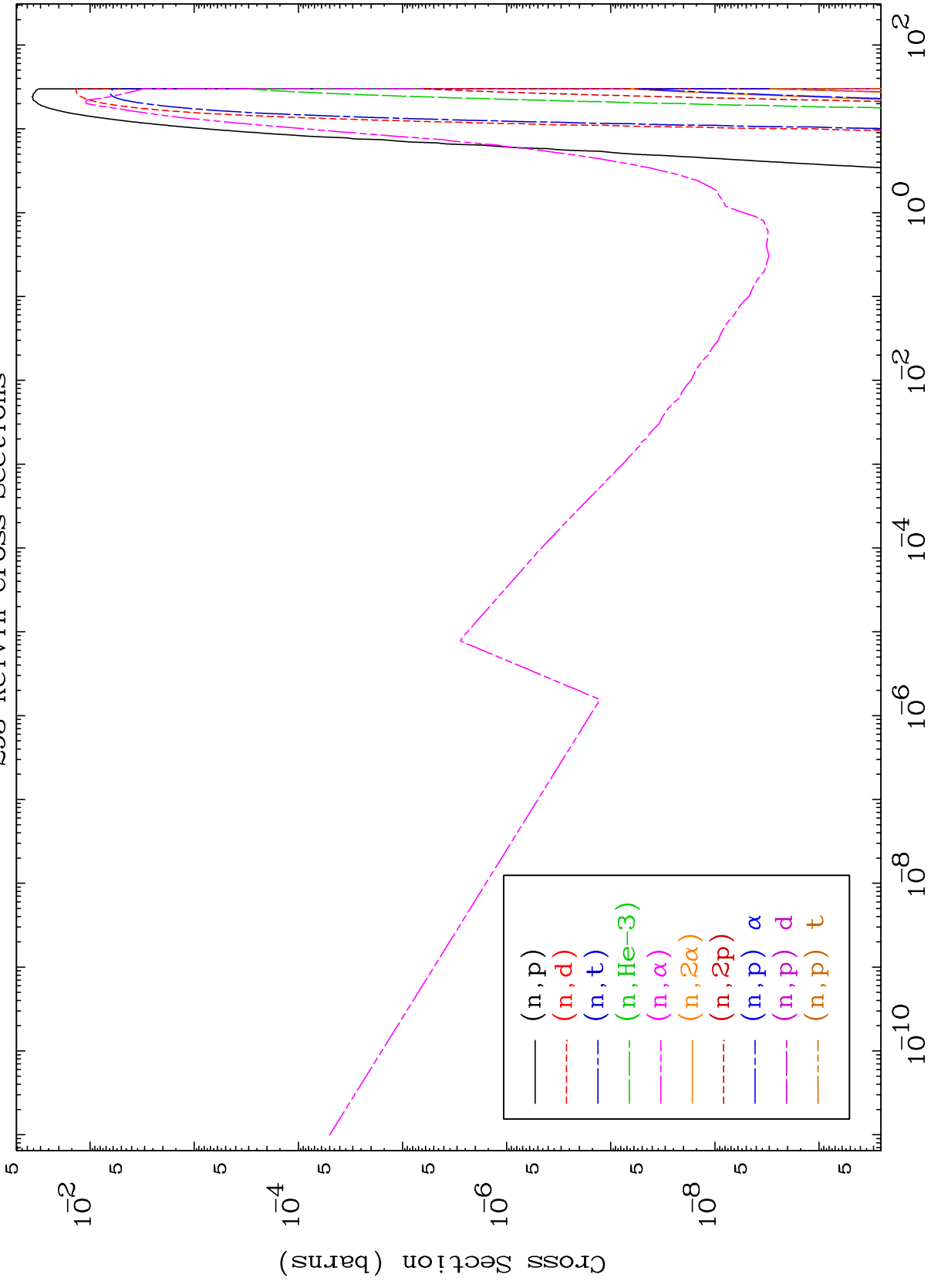


70-Yb-173

MAT 7040

293 Kelvin Cross Sections

70-Yb-173



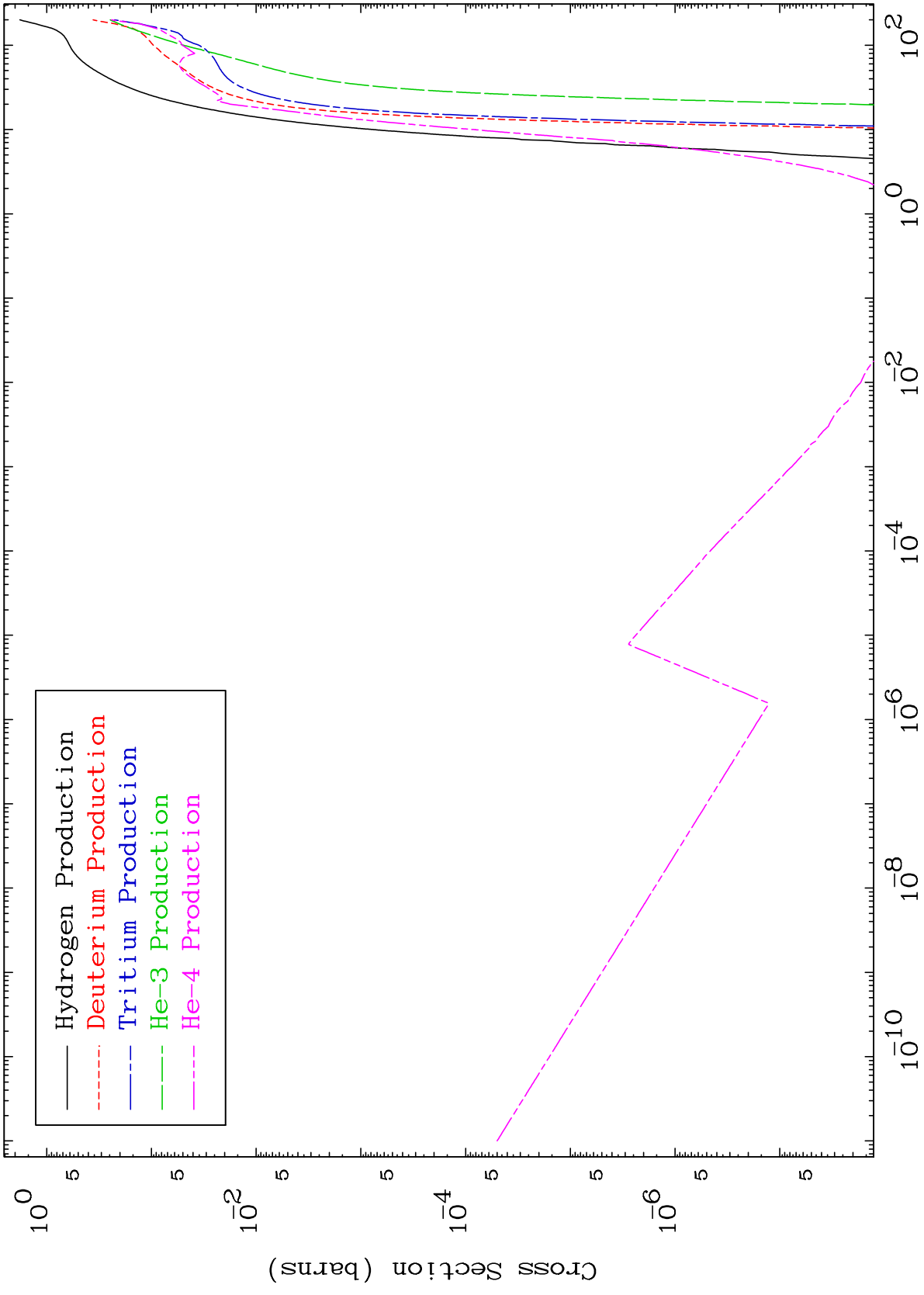
5

70-Yb-173

MAT 7040

Particle Production
293 Kelvin Cross Sections

70-Yb-173



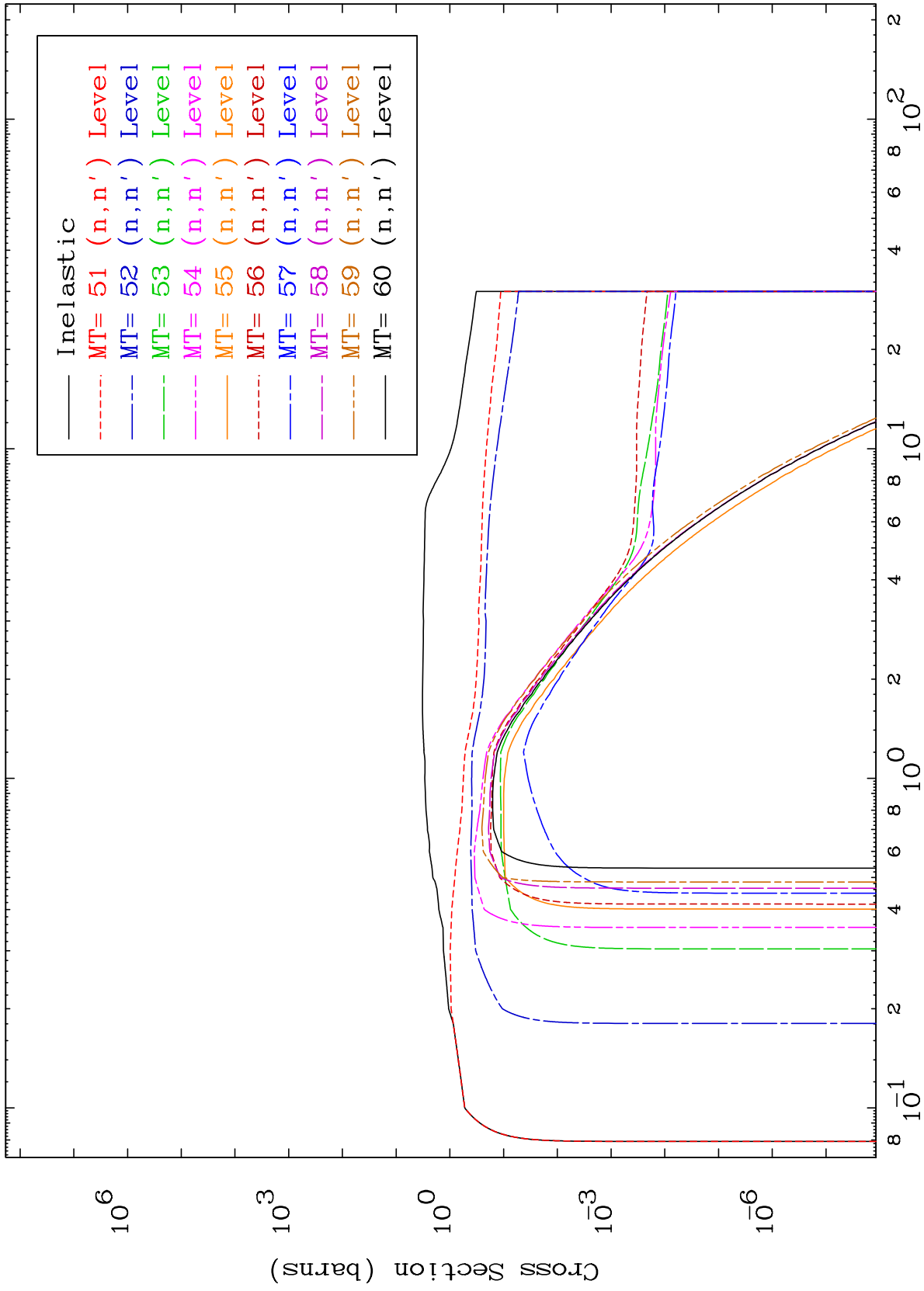
70-Yb-173

MAT 7040

(n,n') Level

70-Yb-173

293 Kelvin Cross Sections



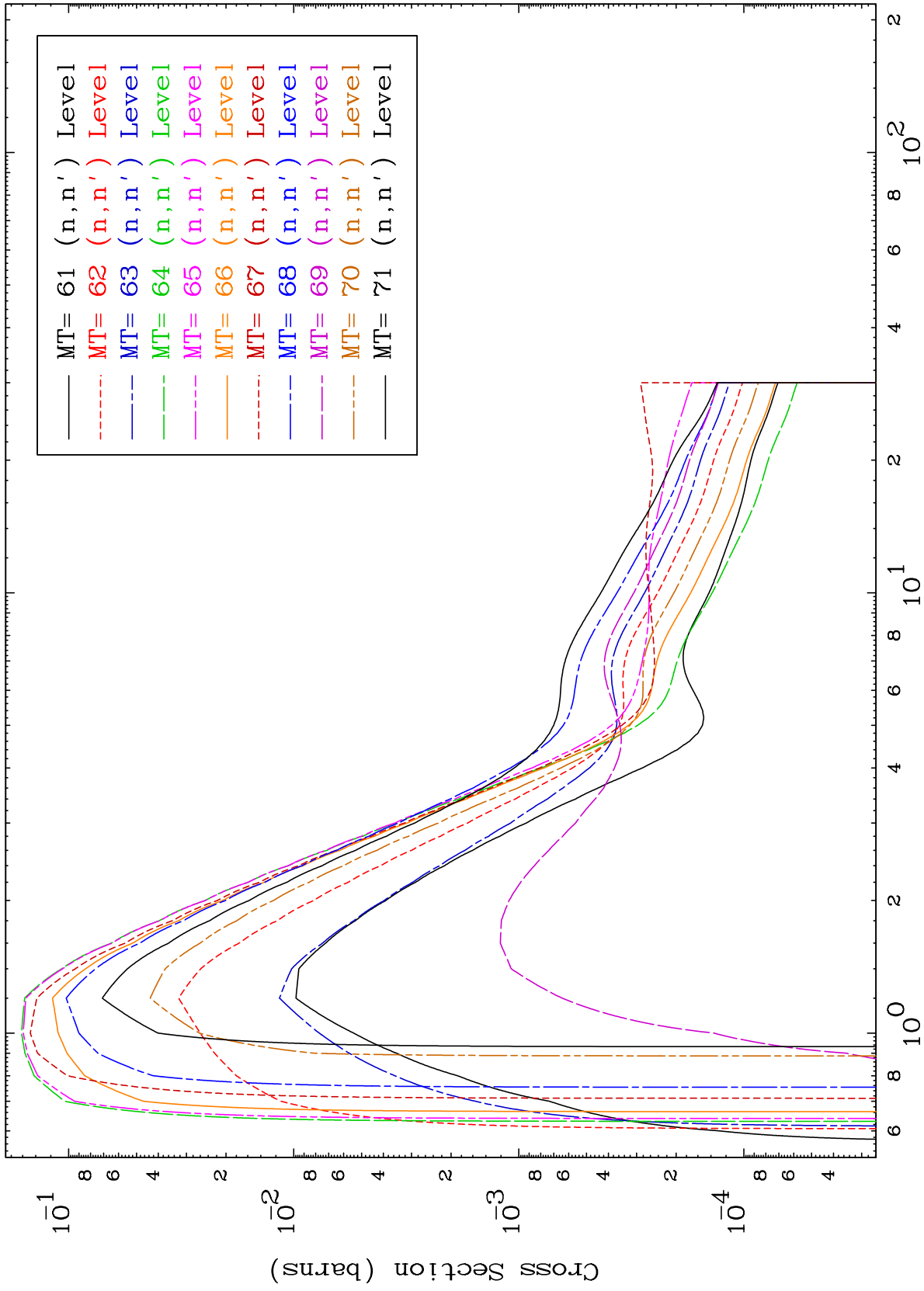
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MAT 7040

(n,n') Level

293 Kelvin Cross Sections

70-Yb-173



8

Incident Energy (MeV)

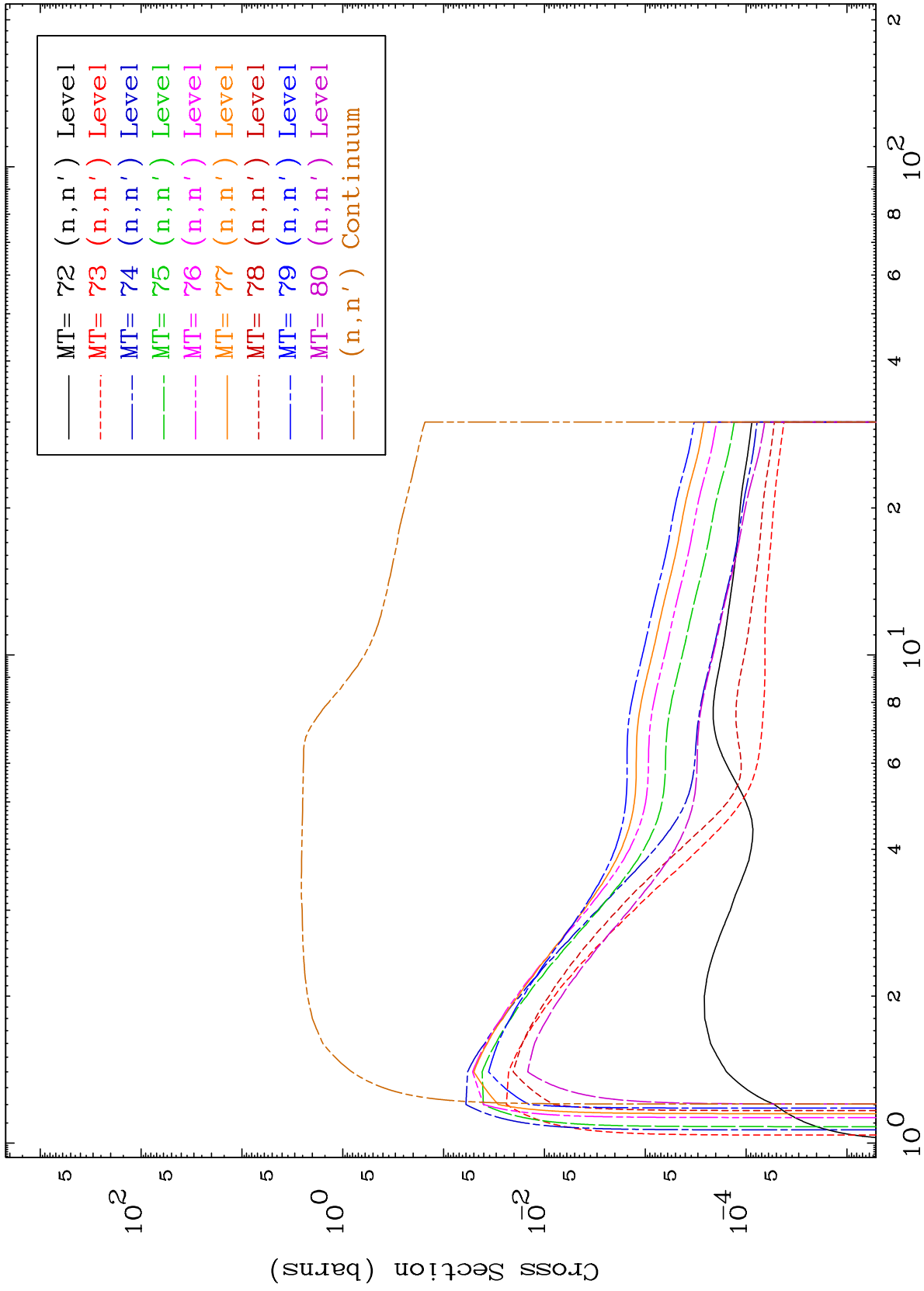
70-Yb-173

MAT 7040

(n,n') Level

70-Yb-173

293 Kelvin Cross Sections



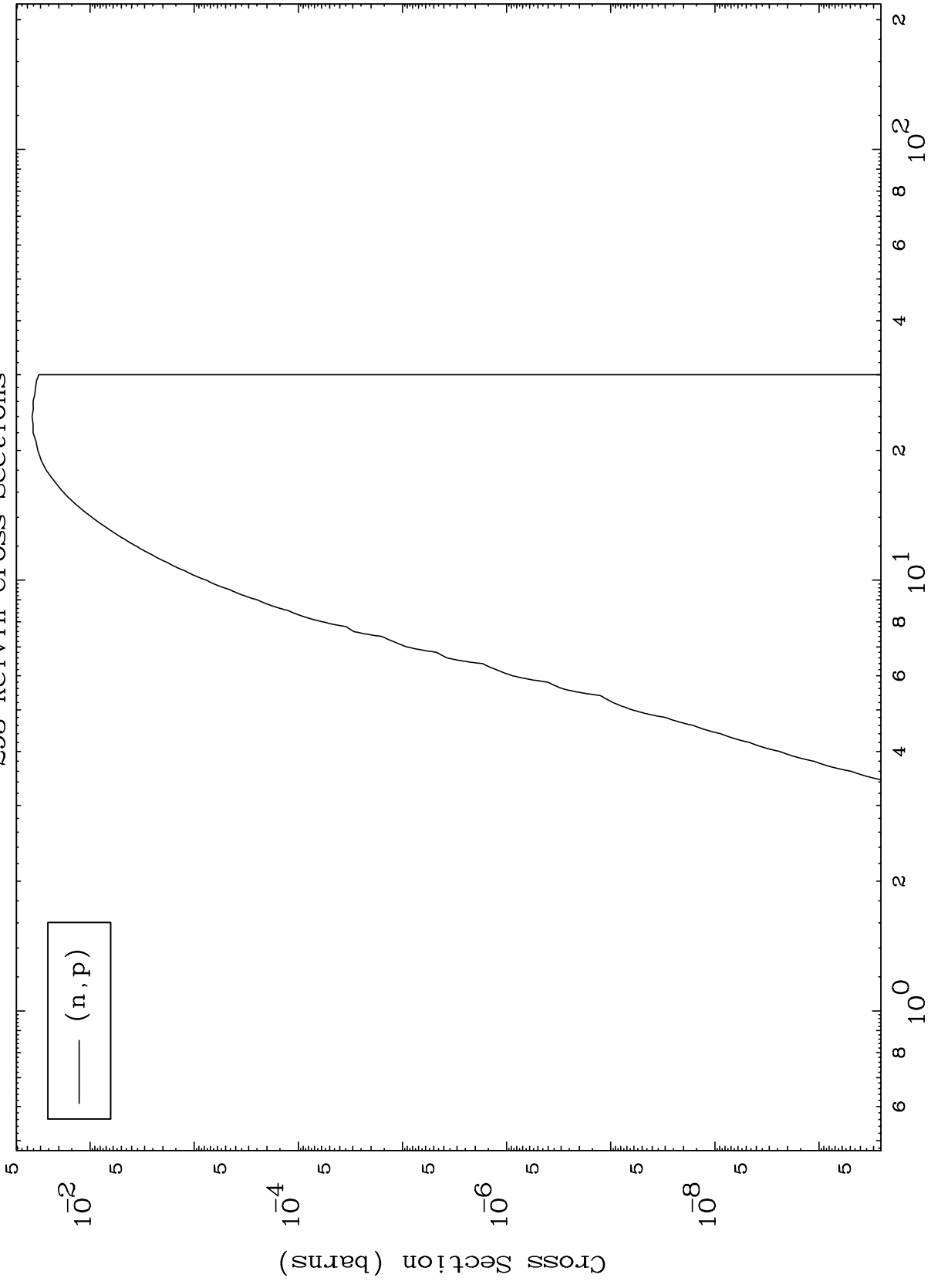
Incident Energy (MeV)

70-Yb-173

MAT 7040

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-173



10

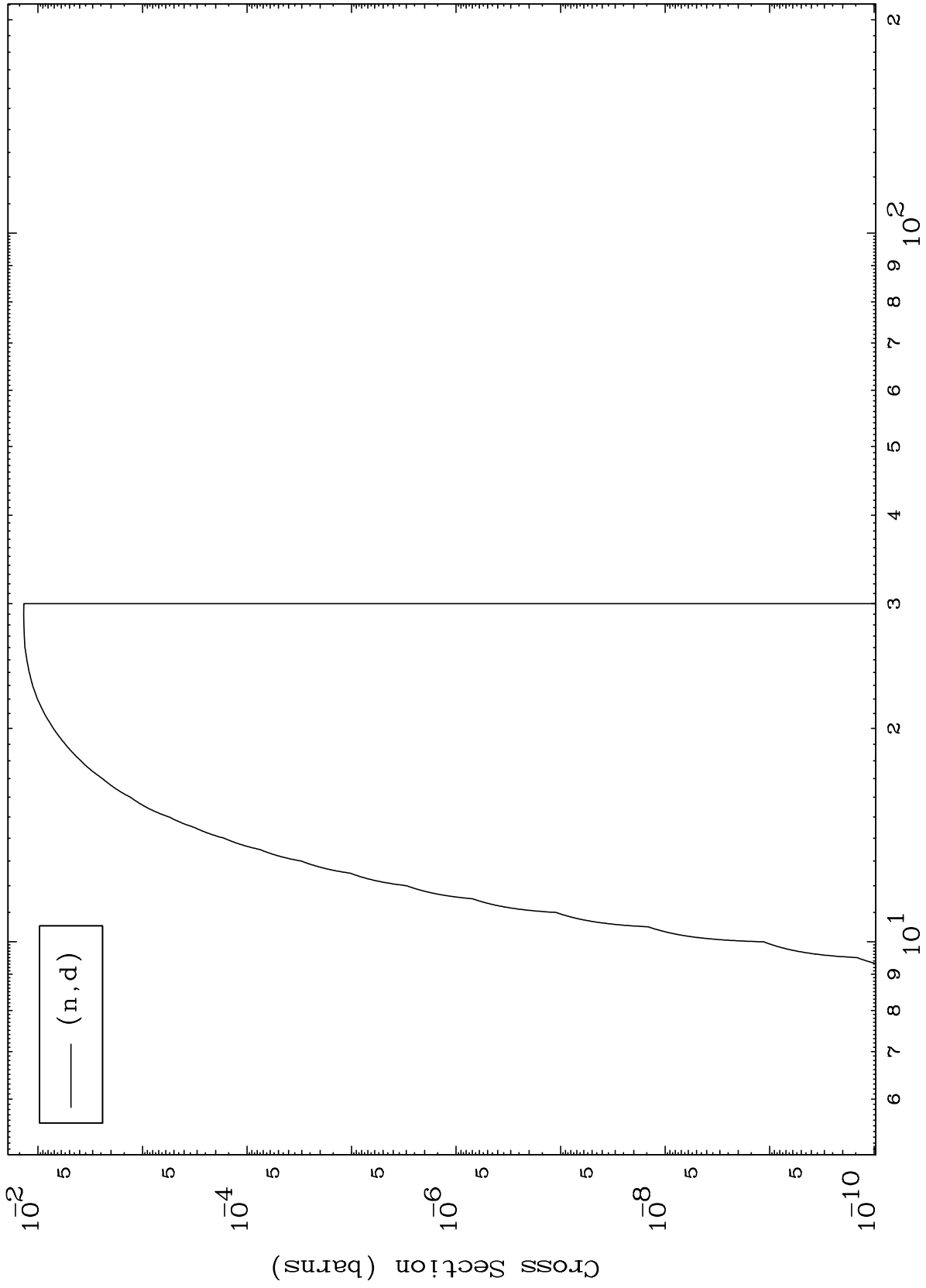
Incident Energy (MeV)

70-Yb-173

MAT 7040

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-173



11

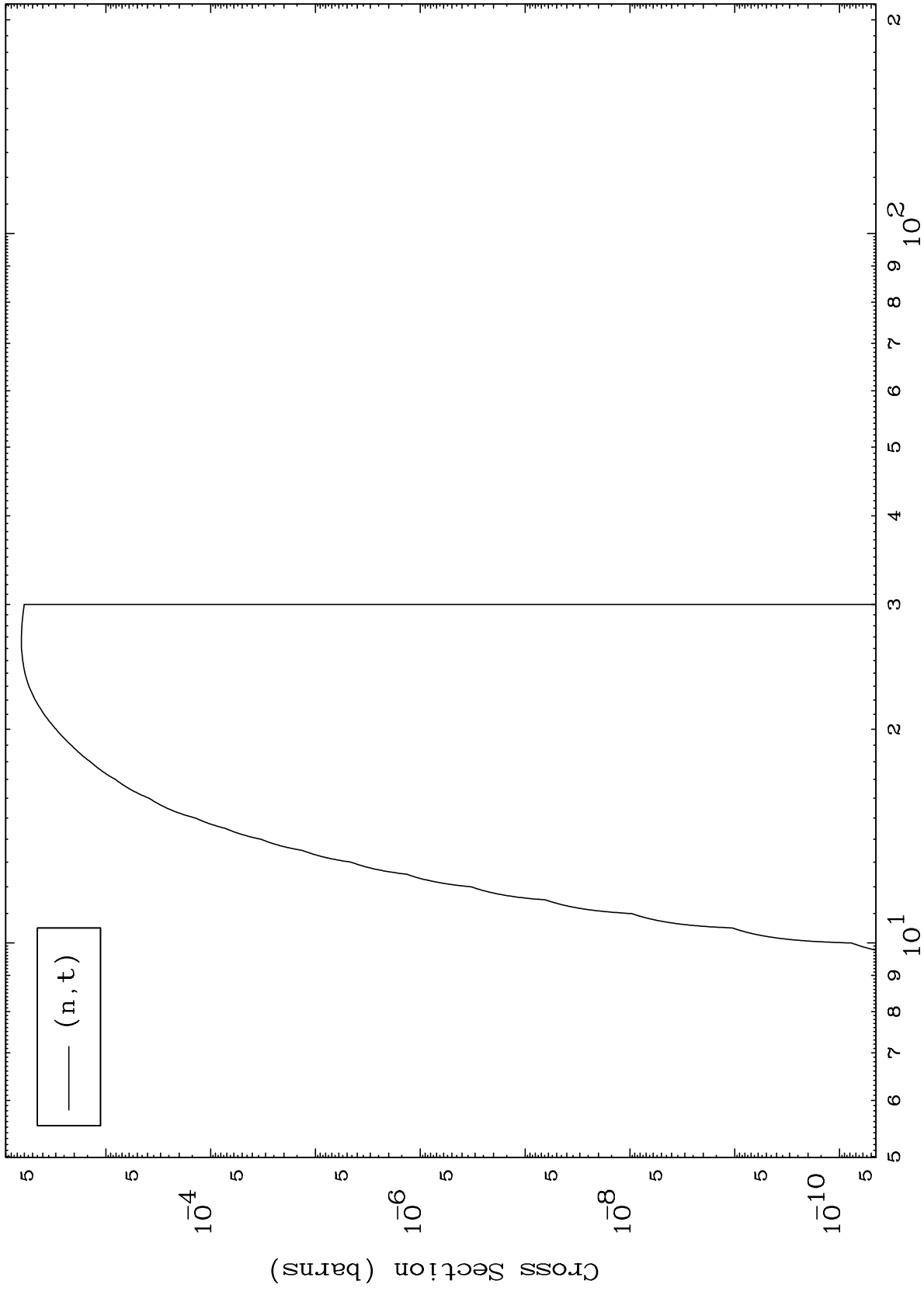
Incident Energy (MeV)

70-Yb-173

MAT 7040

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-173



12

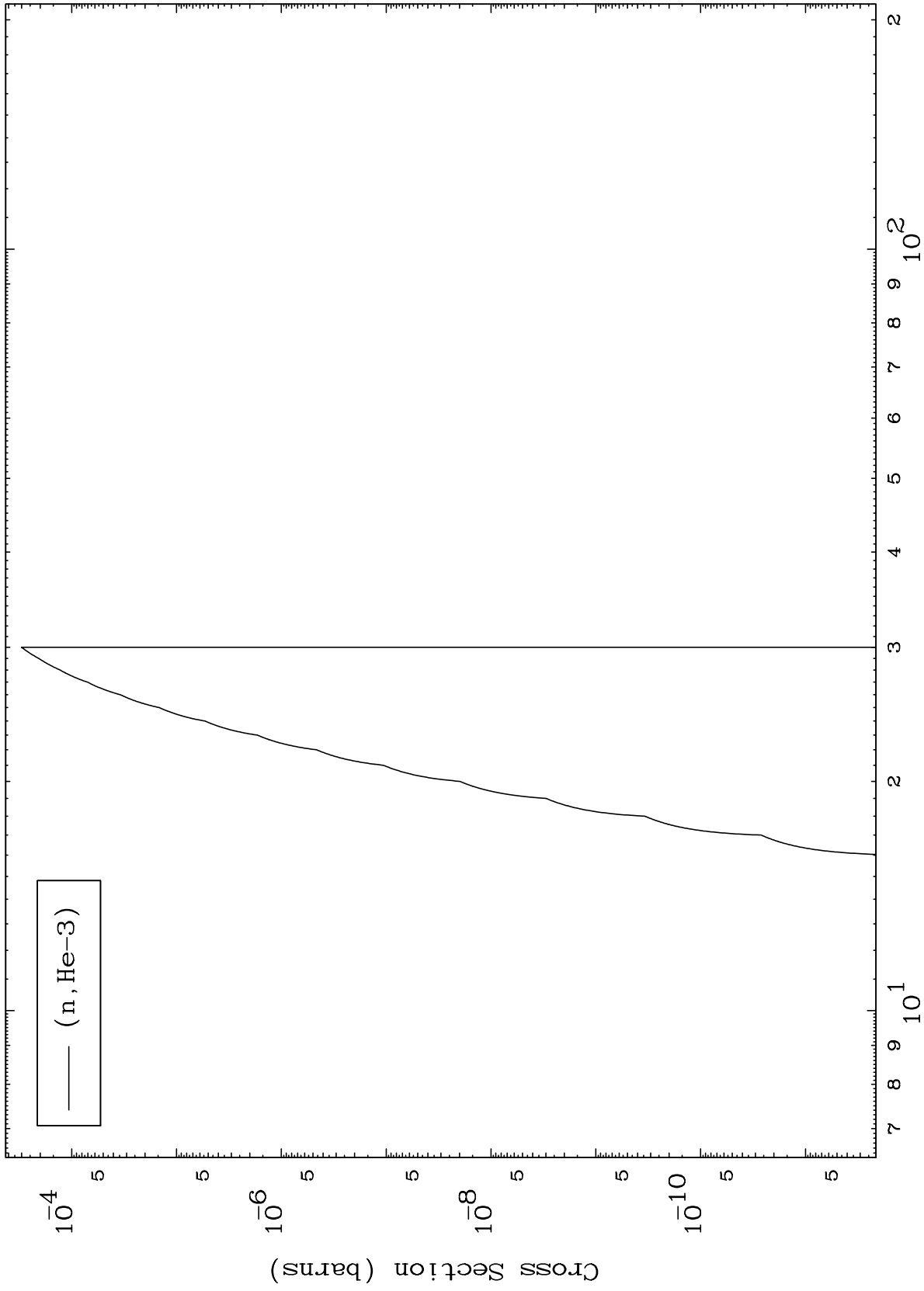
Incident Energy (MeV)

70-Yb-173

MAT 7040

(n,He3) Levels
293 Kelvin Cross Sections

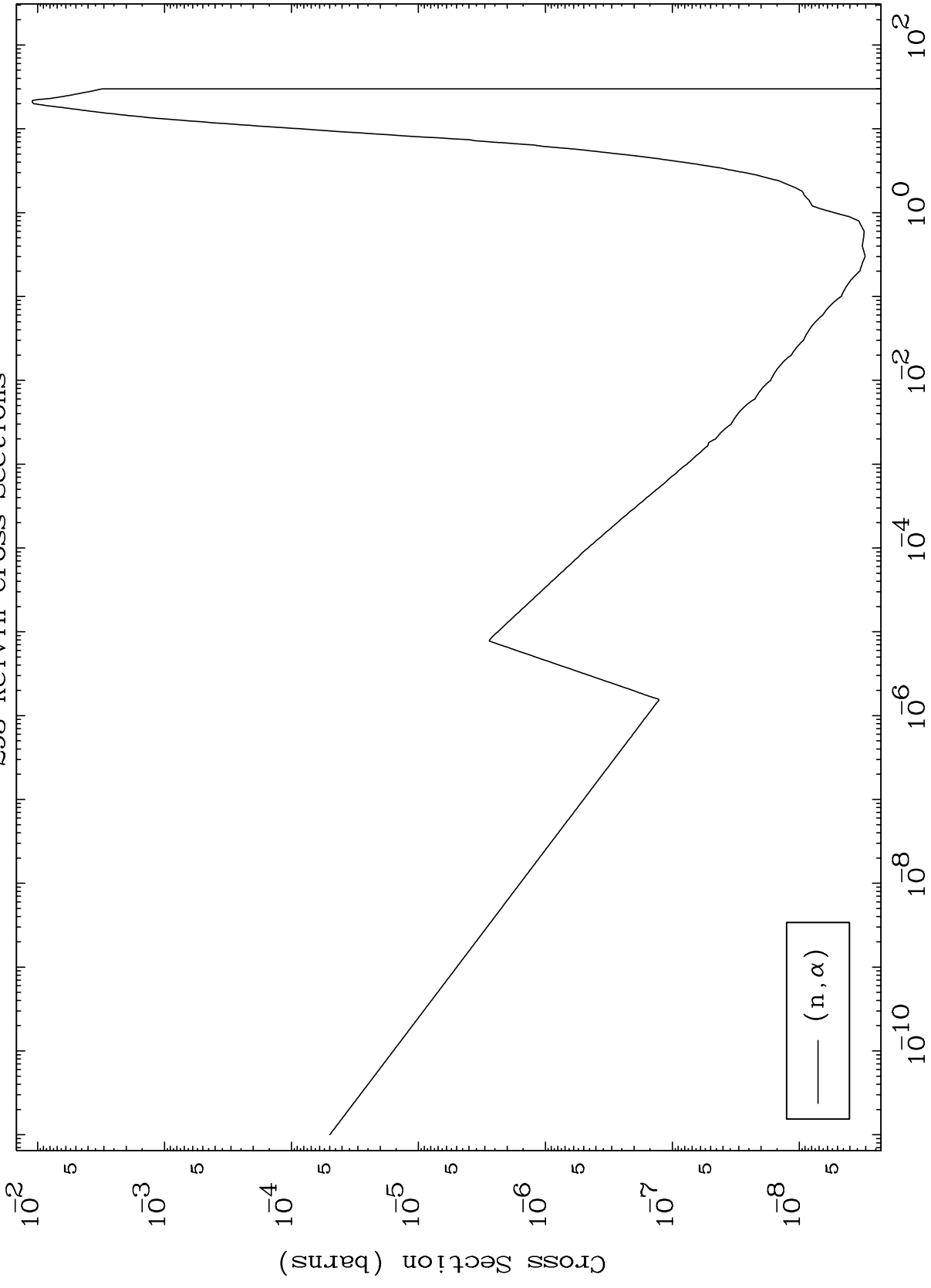
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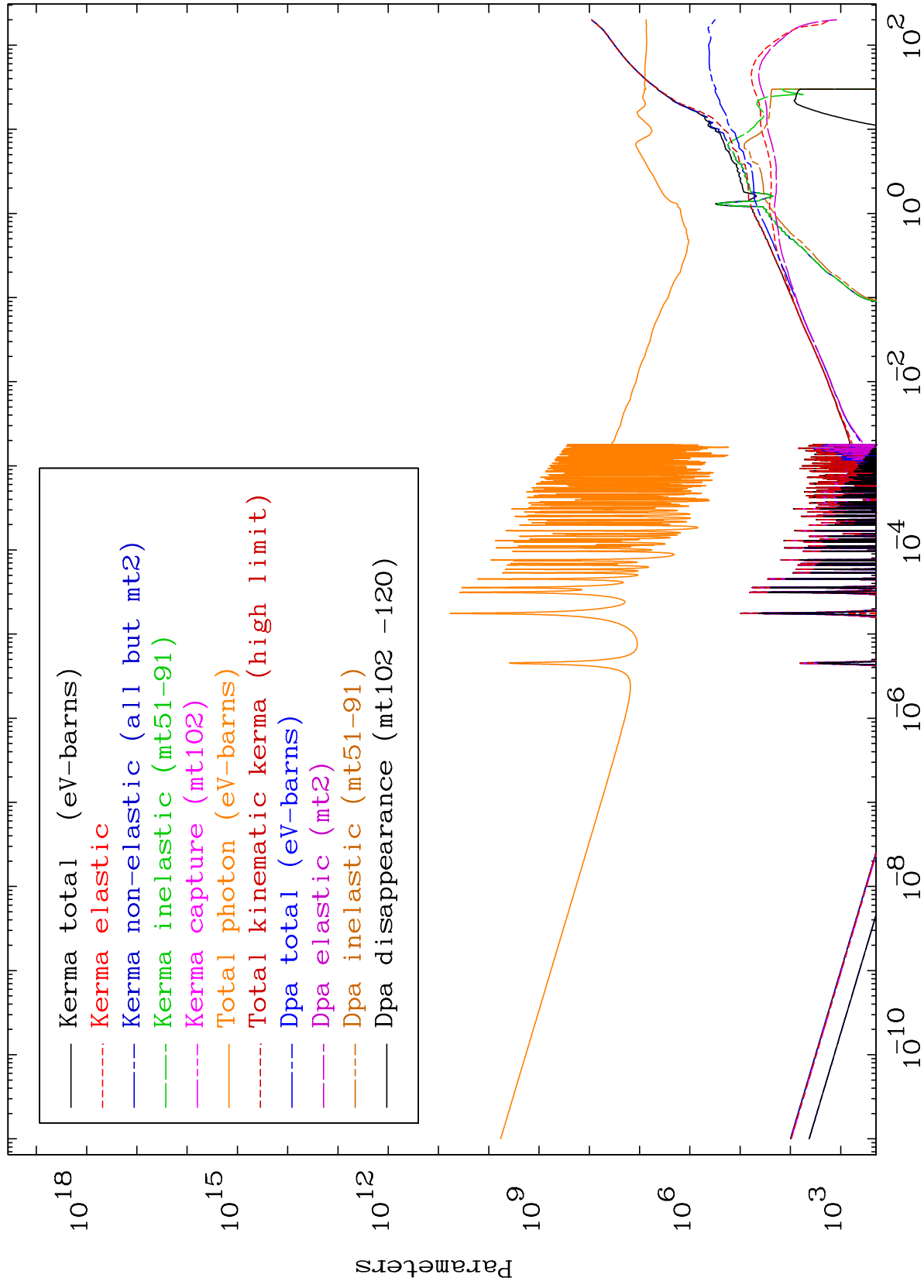
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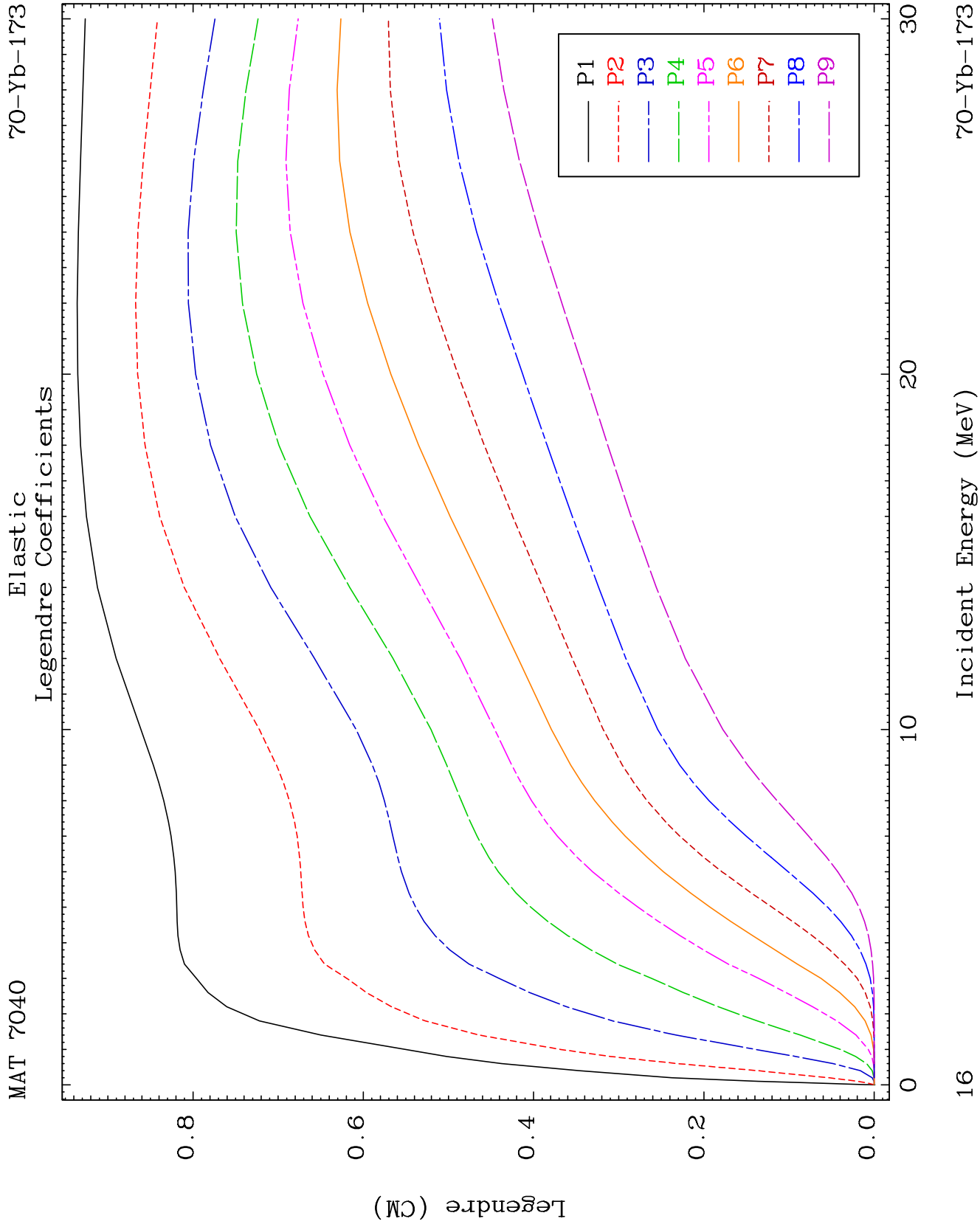
(n, α) Levels
293 Kelvin Cross Sections

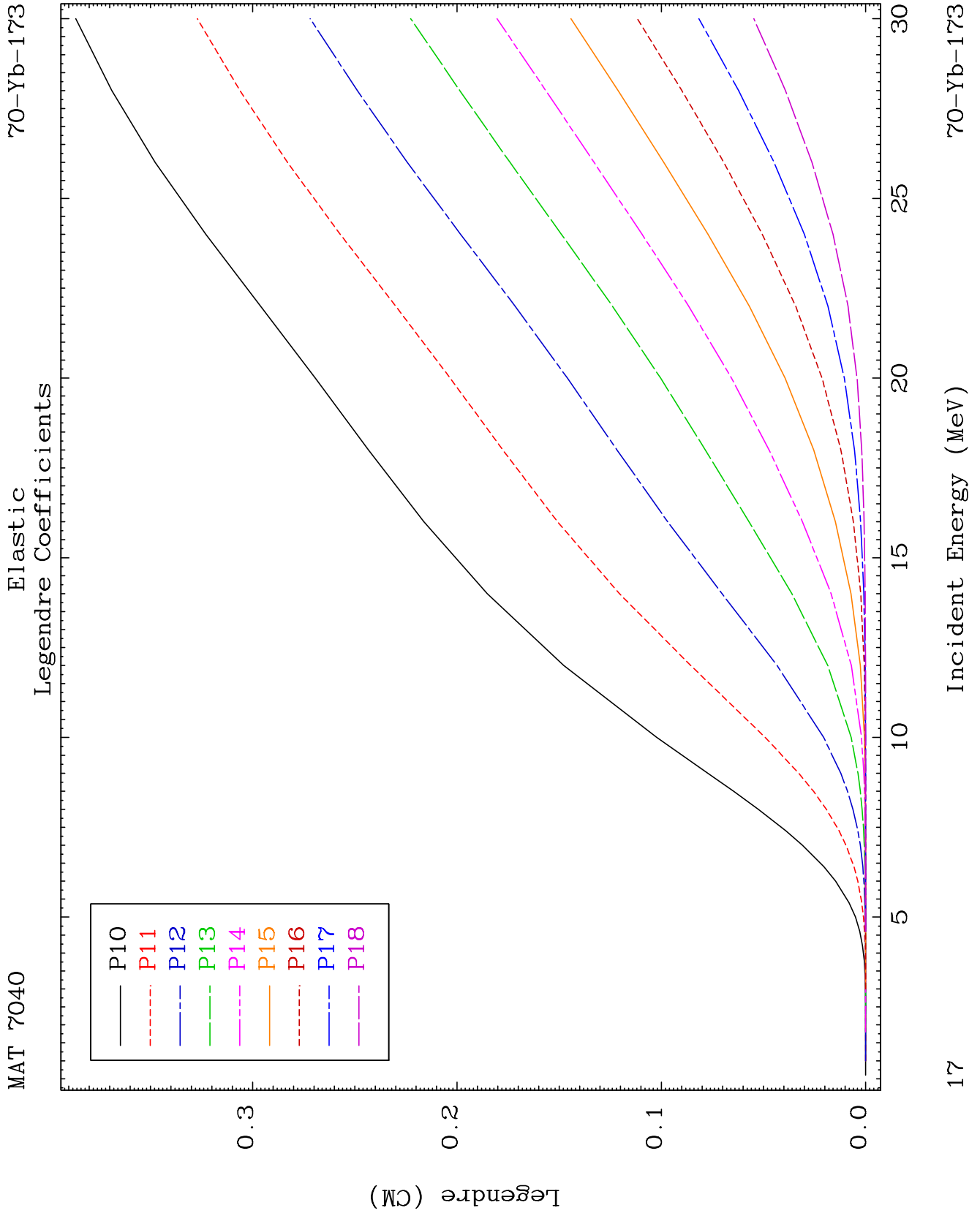
70-Yb-173



70-Yb-173



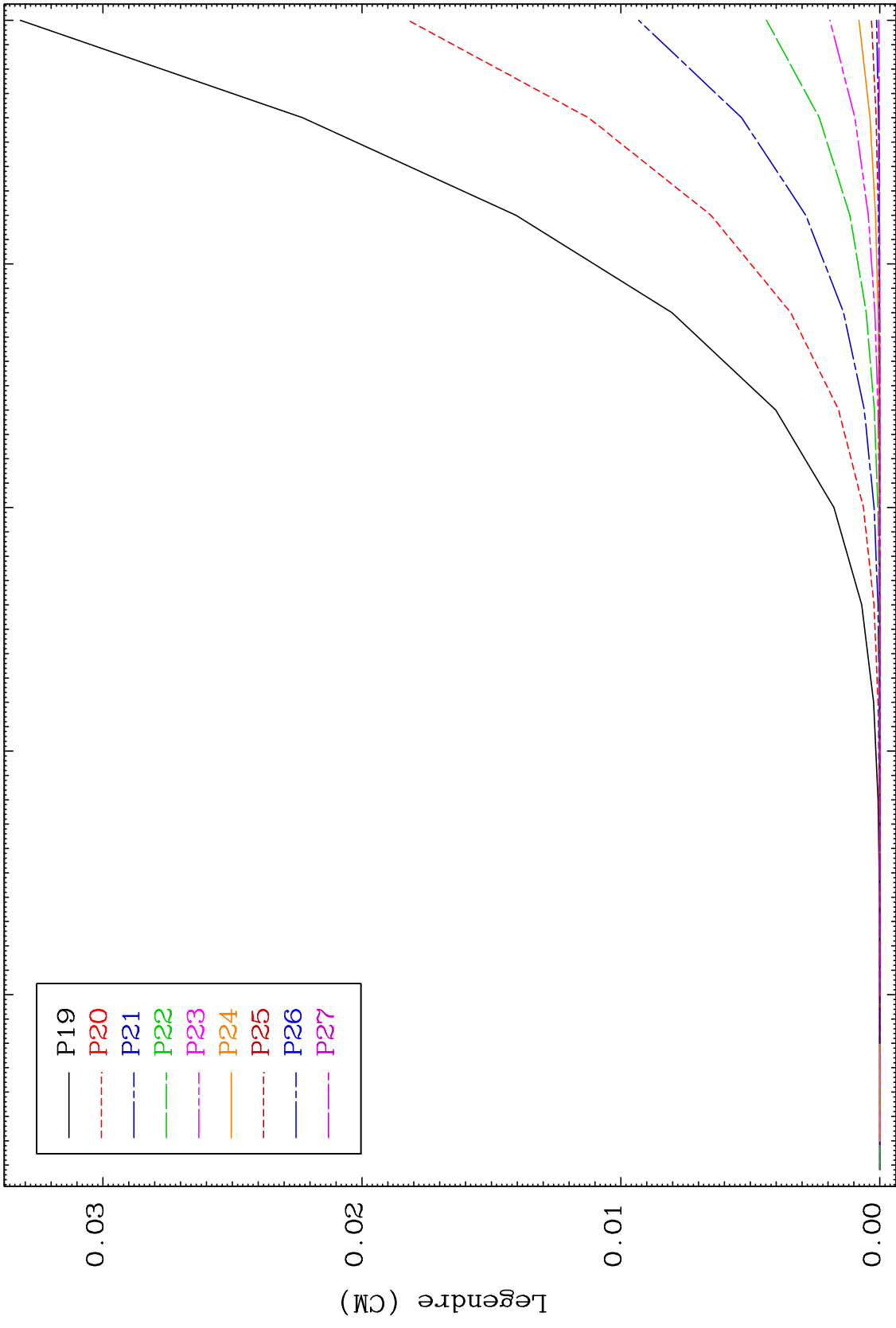




MAT 7040

Elastic Legendre Coefficients

70-Yb-173



18

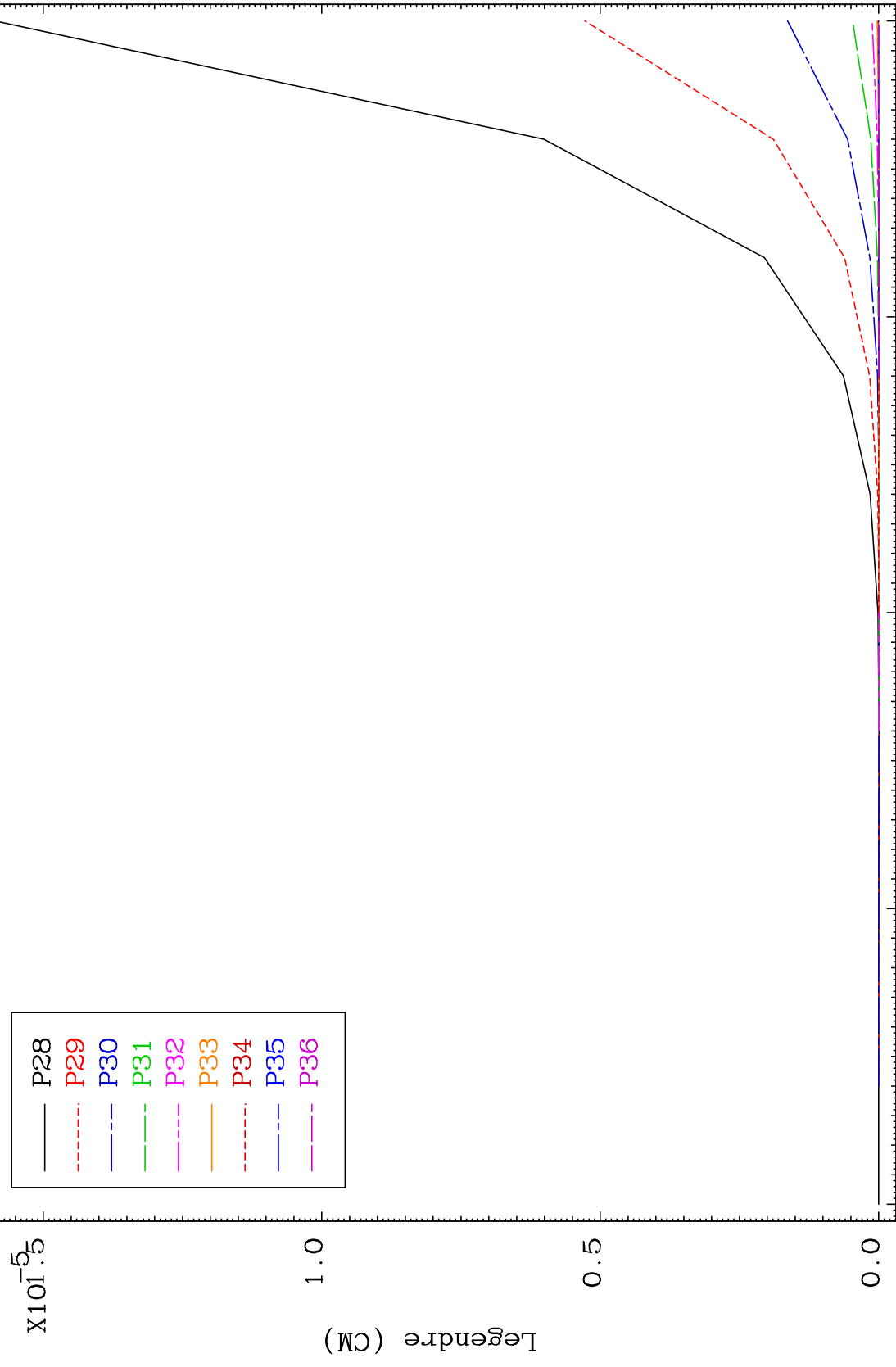
Incident Energy (MeV)

70-Yb-173

MAT 7040

Elastic Legendre Coefficients

70-Yb-173



19

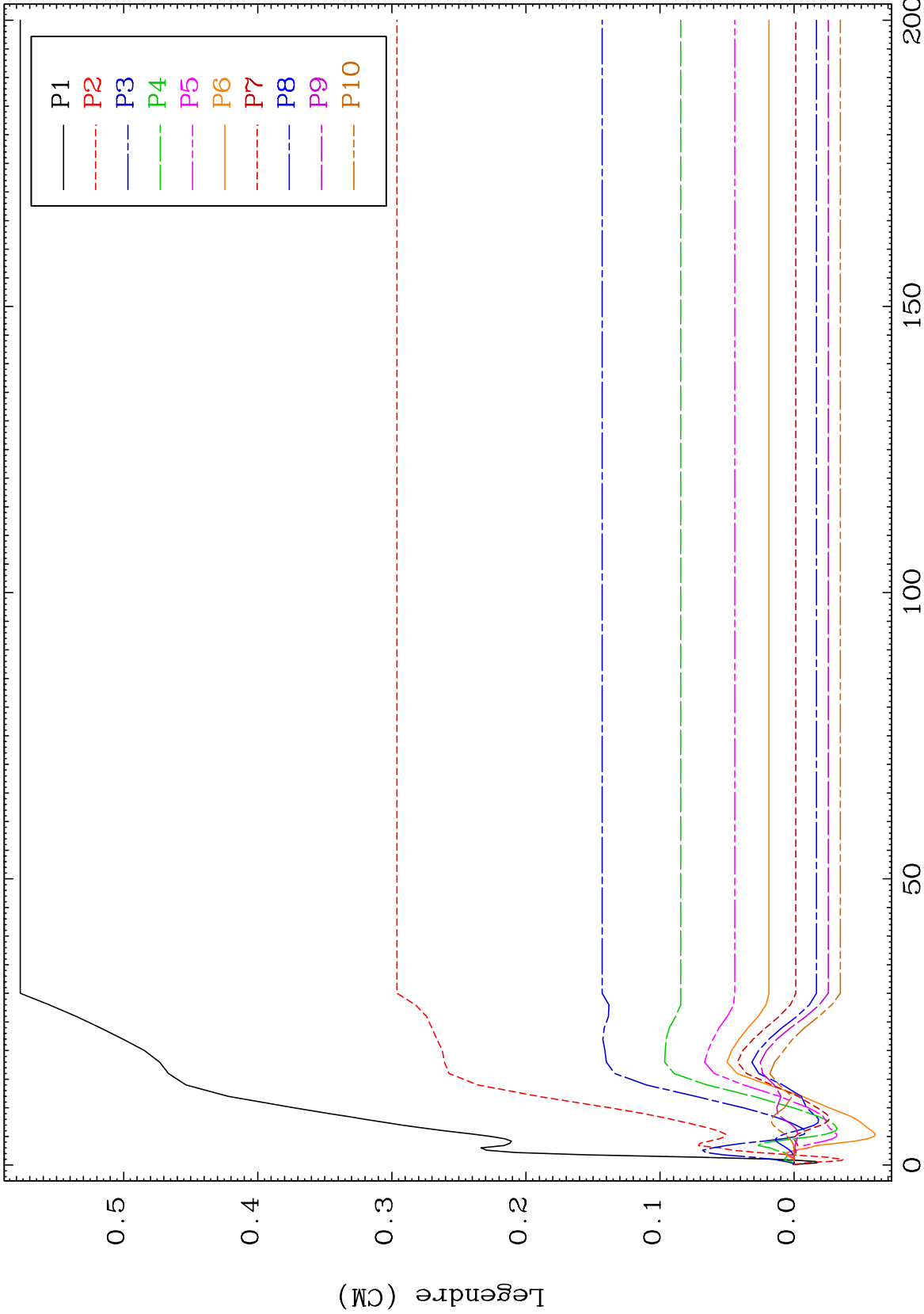
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



20

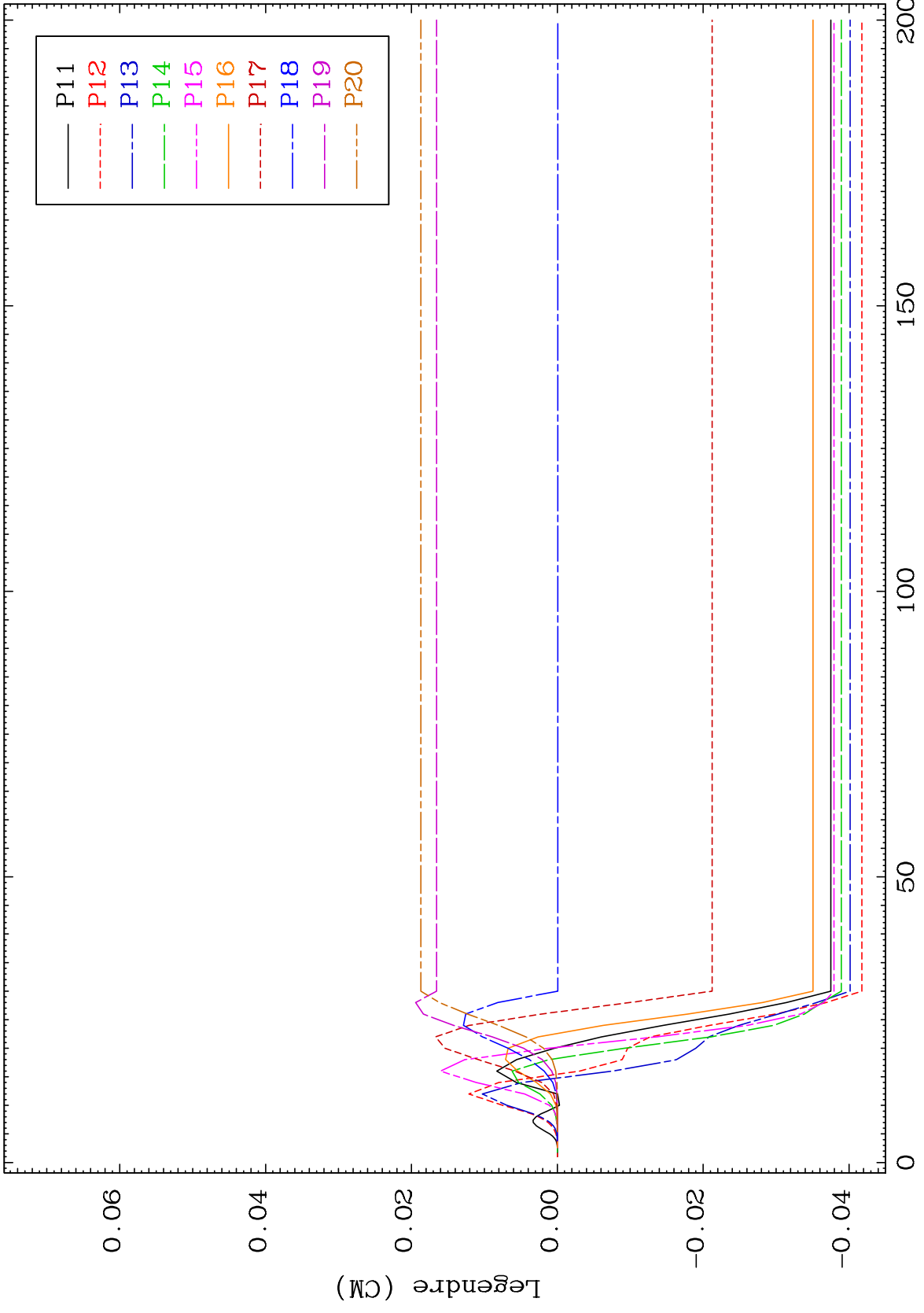
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



21

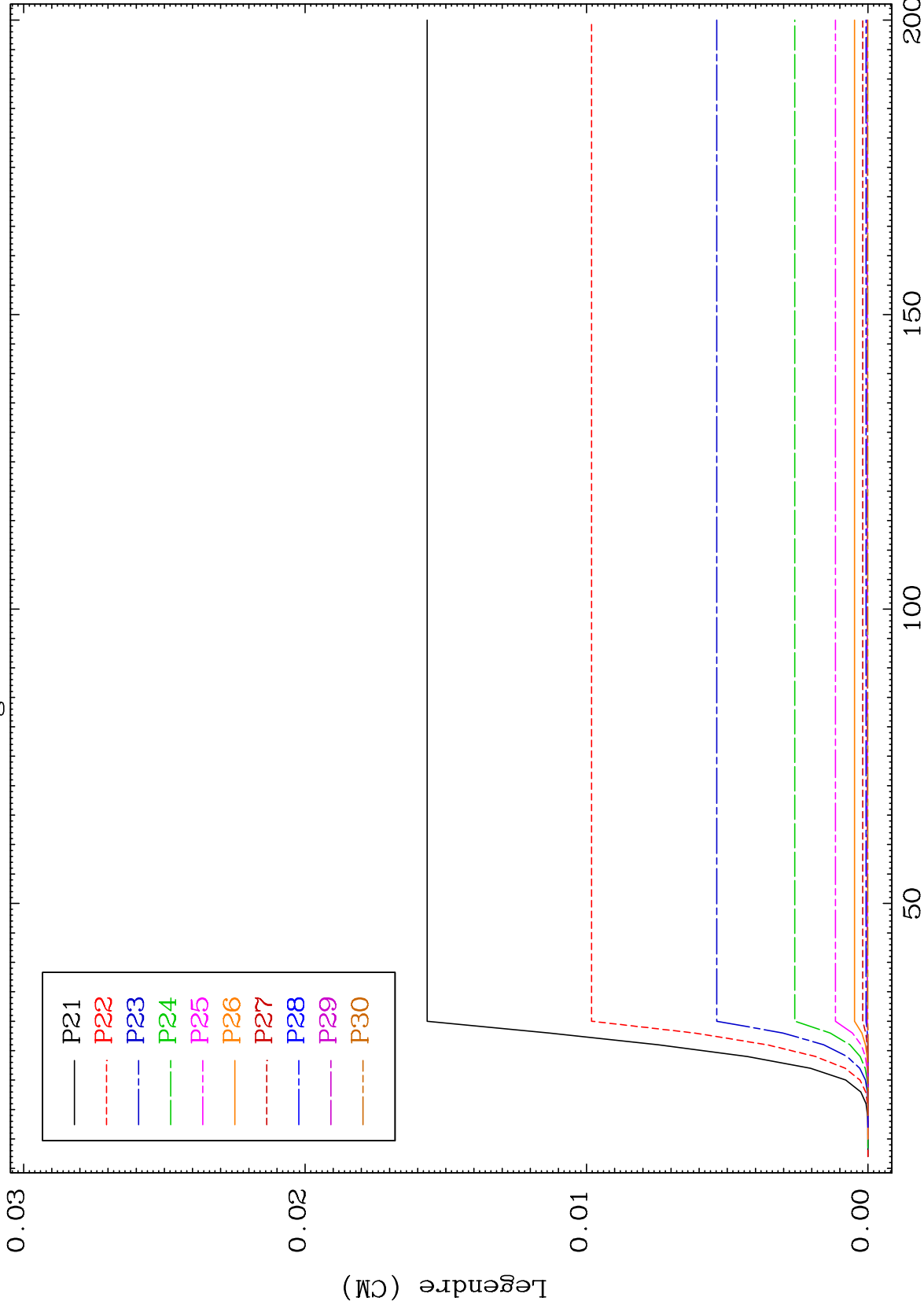
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



22

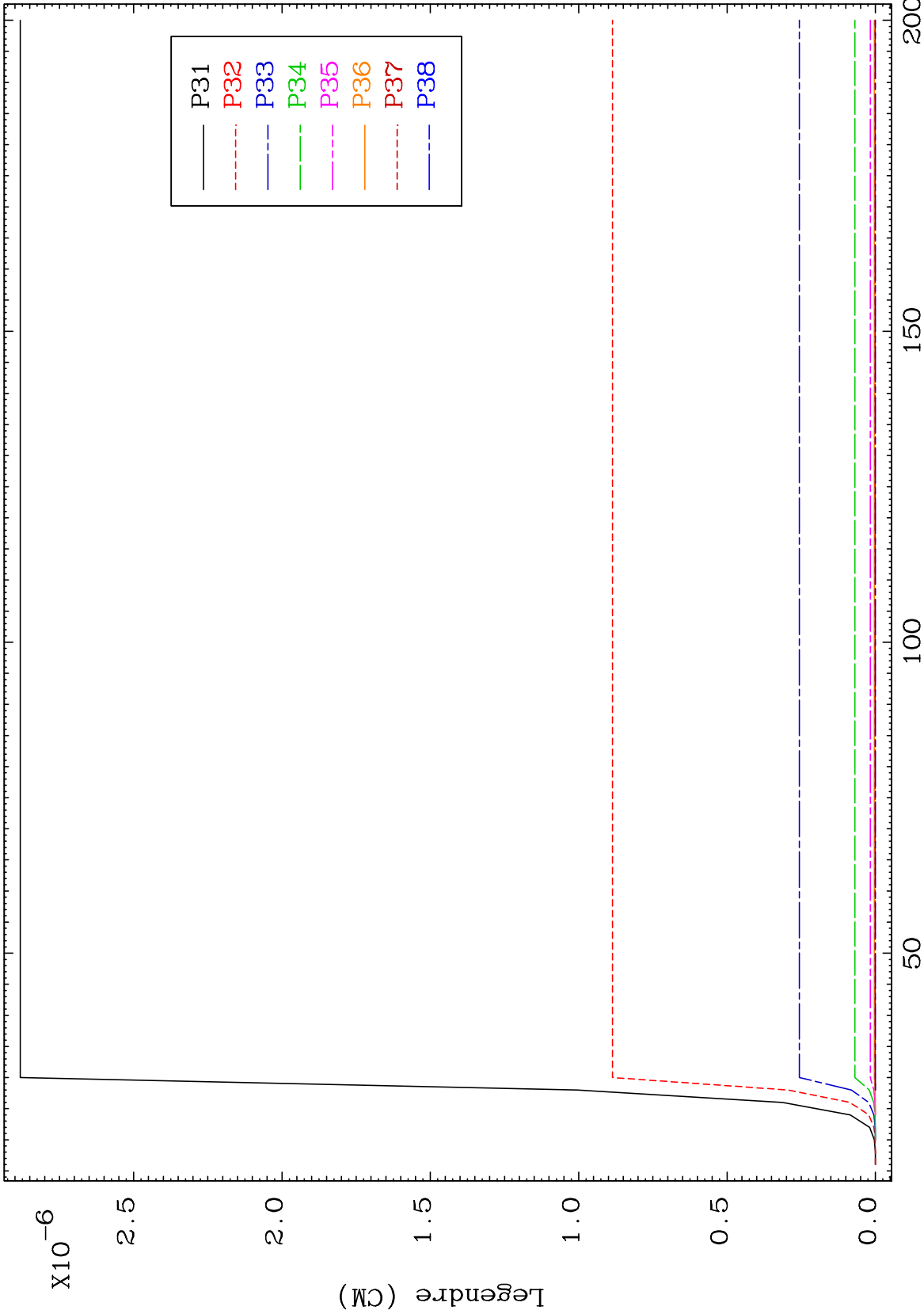
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

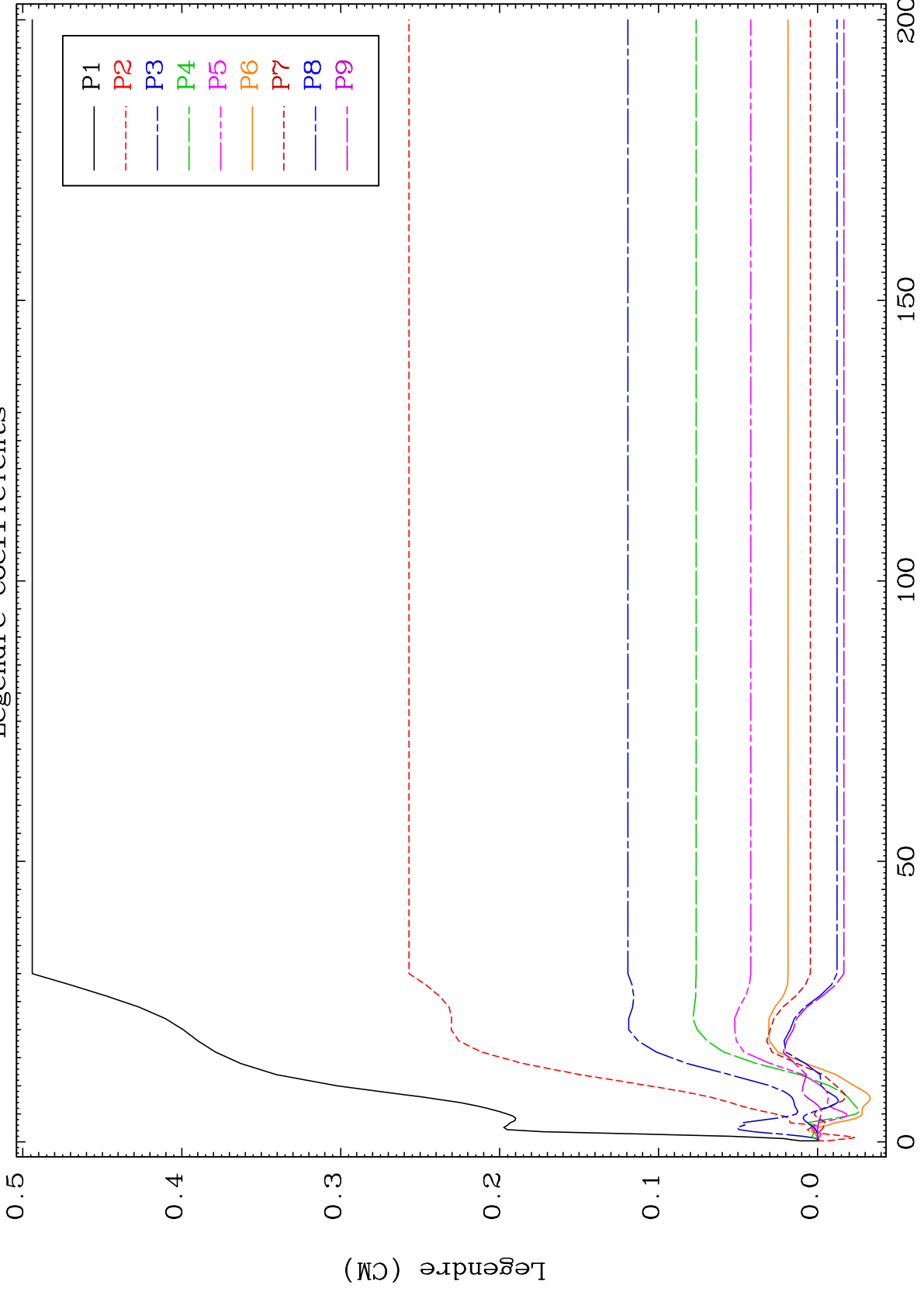
70-Yb-173



23

70-Yb-173

MAT 7040 MT= 52 (n,n') Level Legendre Coefficients 70-Yb-173

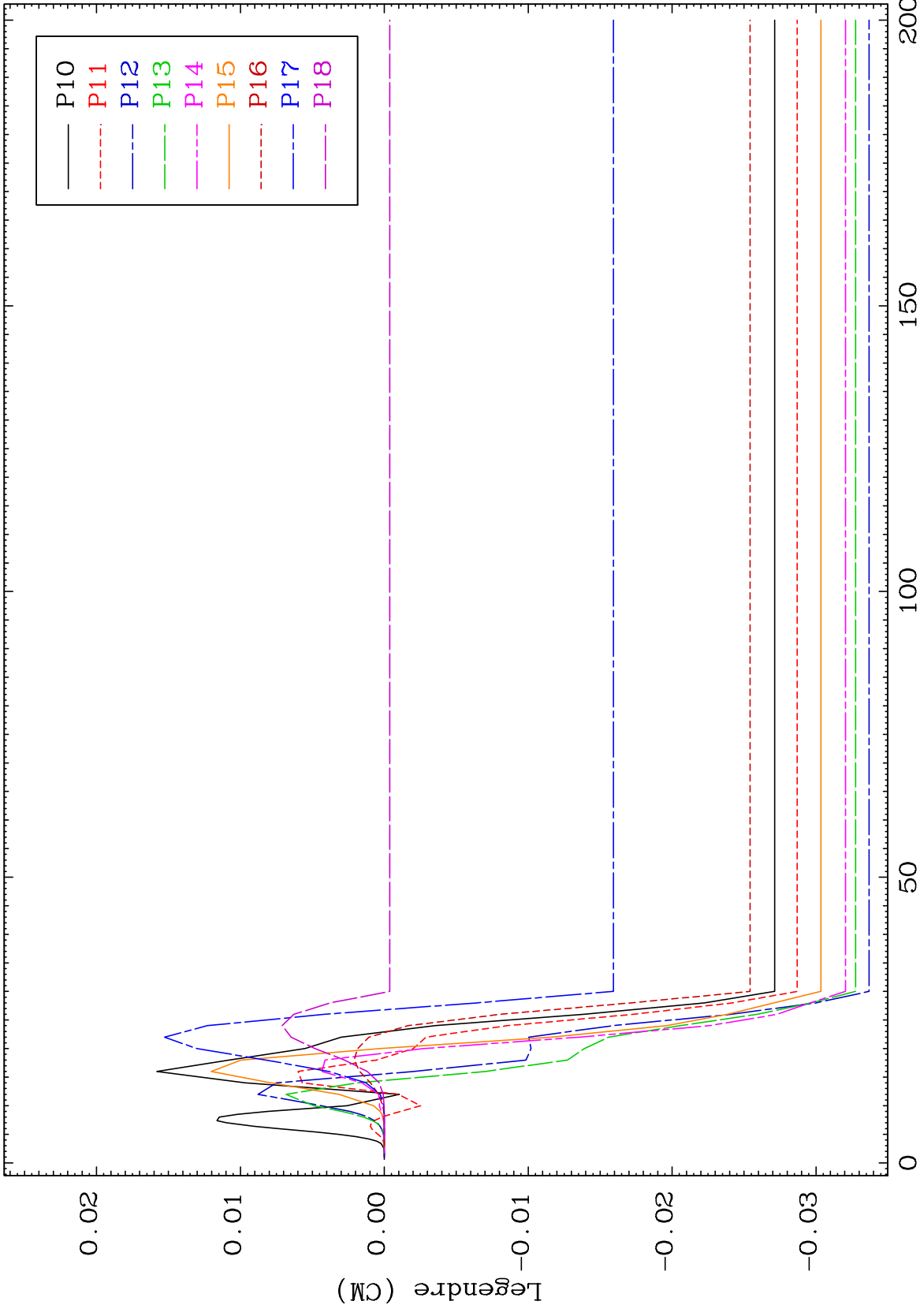


24 70-Yb-173

MAT 7040

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

70-Yb-173



25

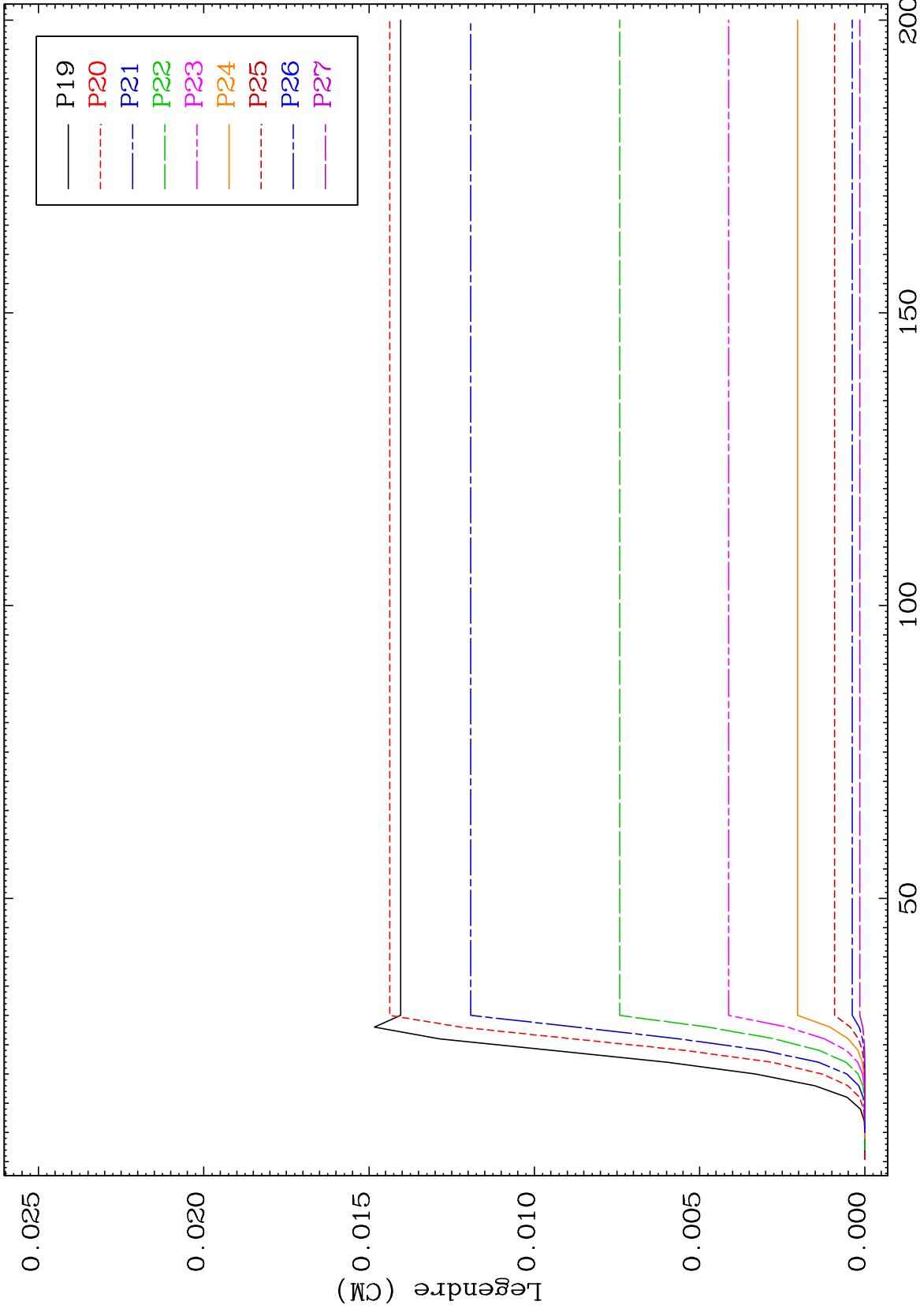
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



26

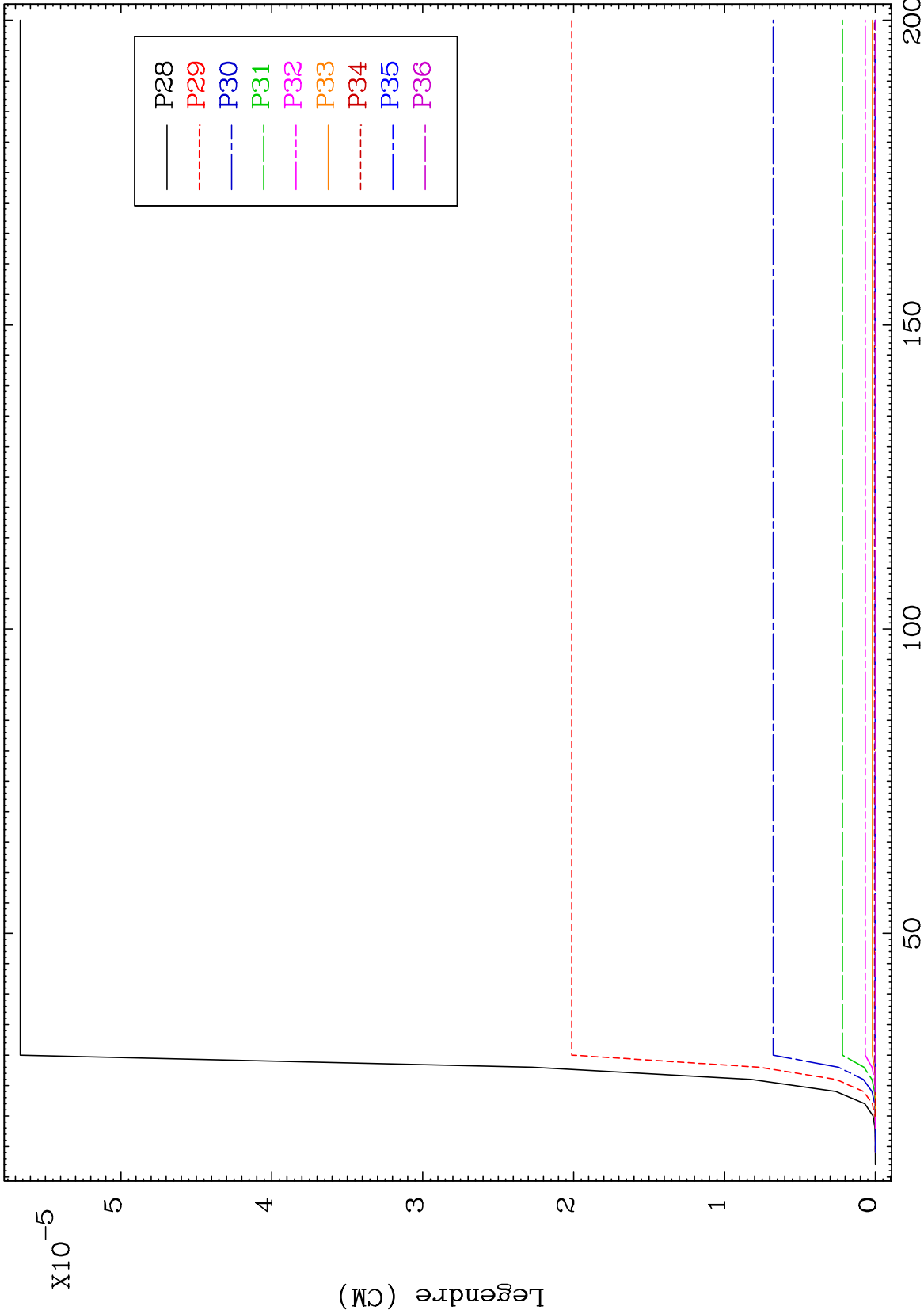
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



27

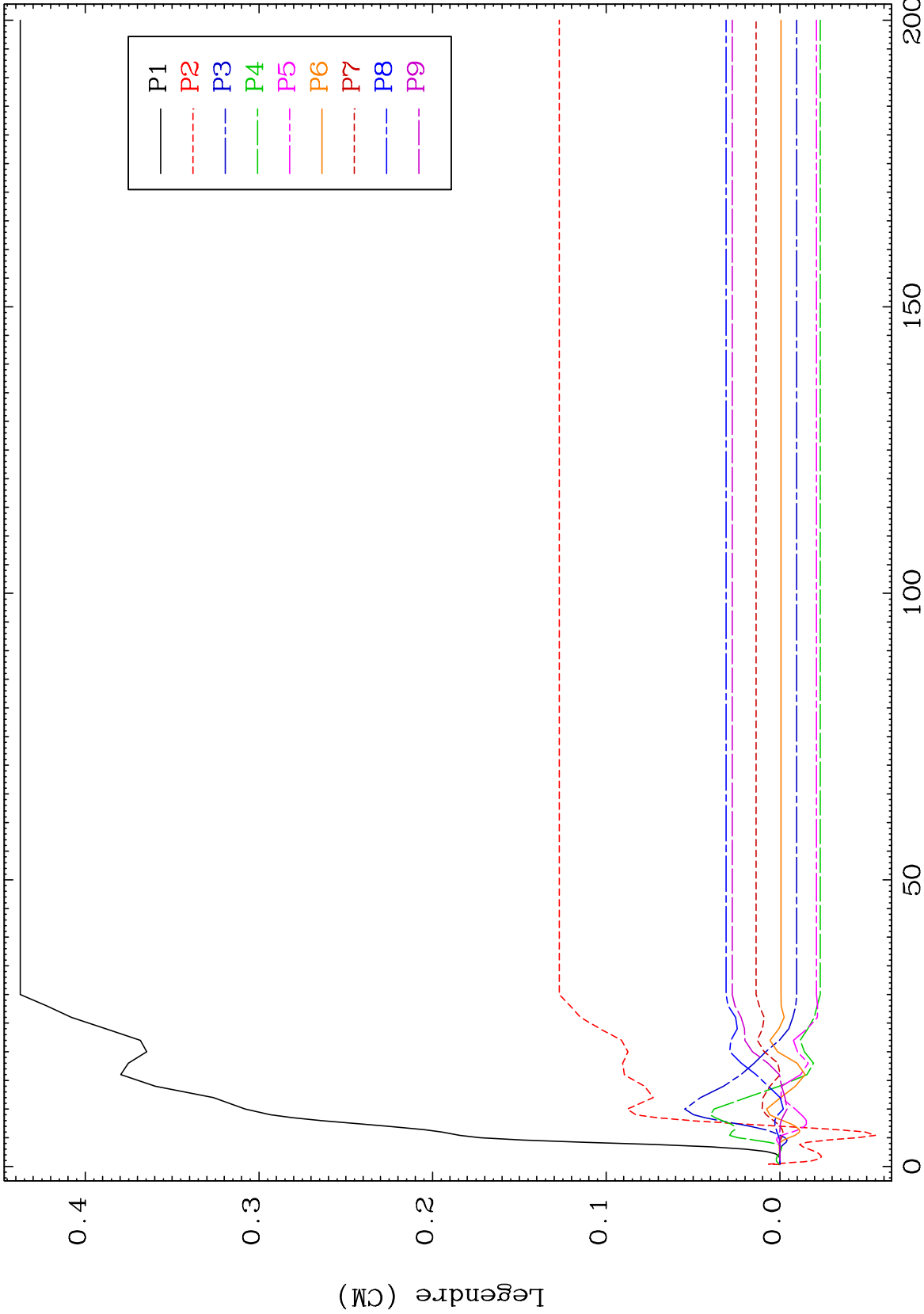
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



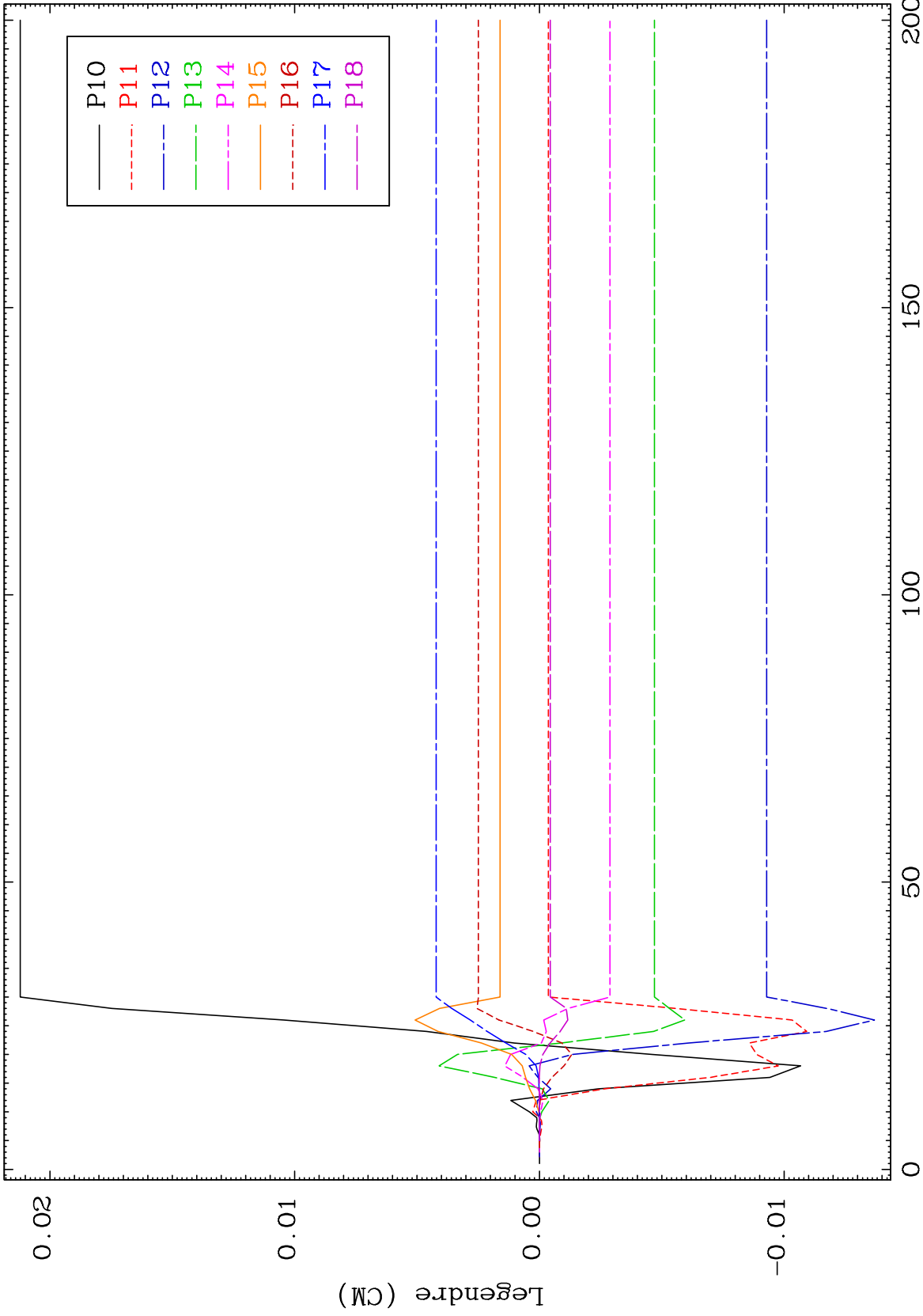
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70-Yb-173

MAT 7040

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

70-Yb-173



29

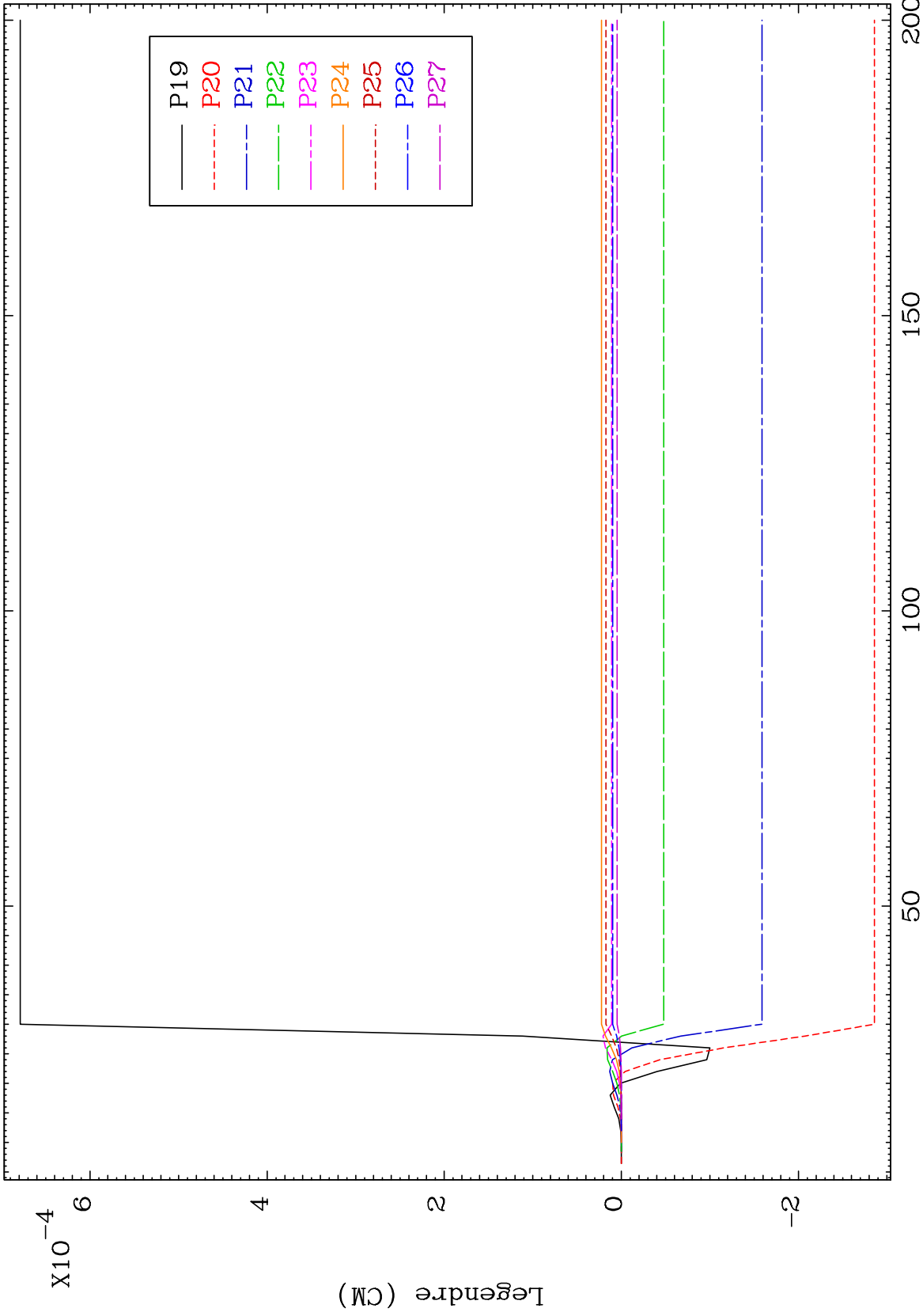
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



30

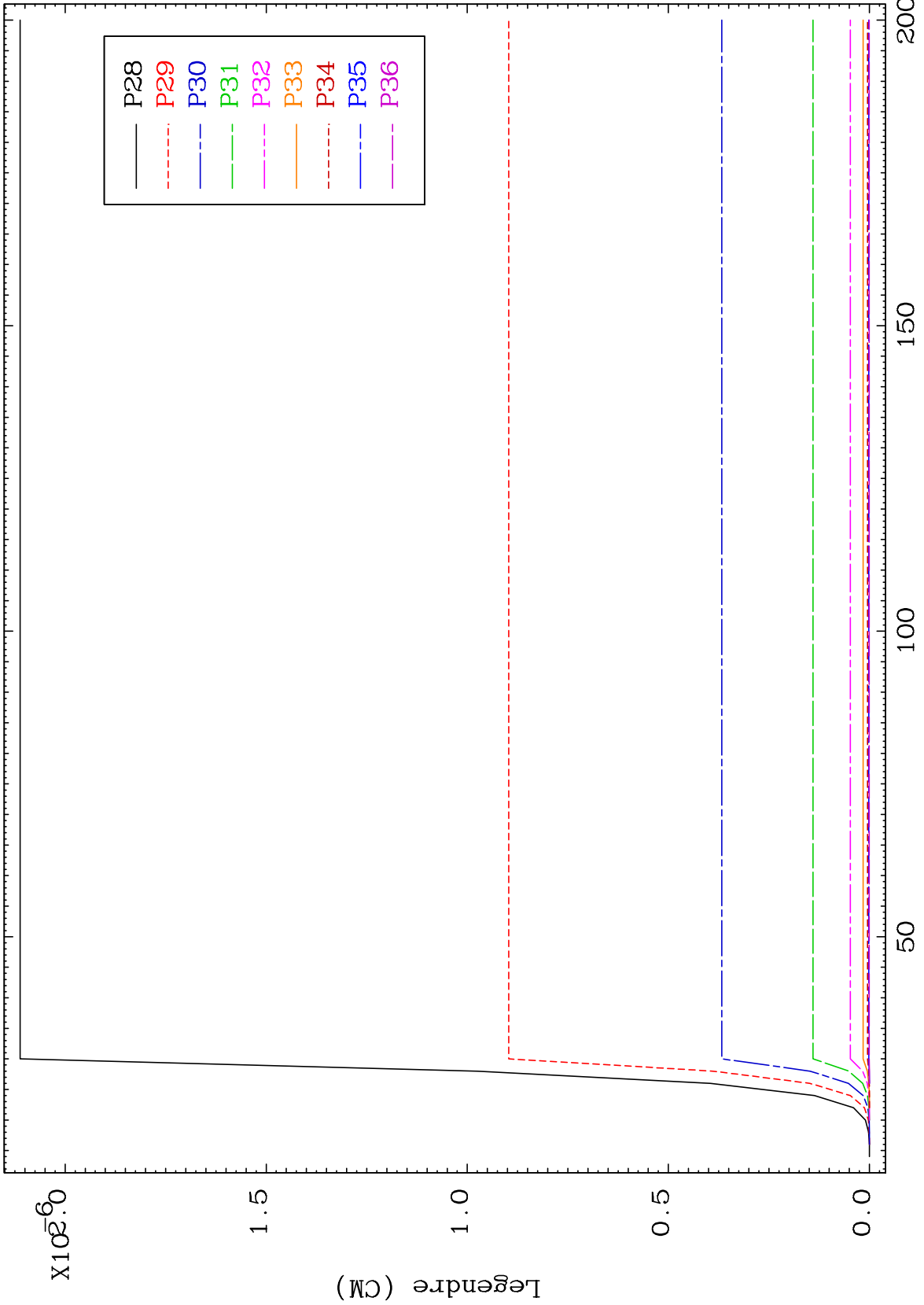
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



31

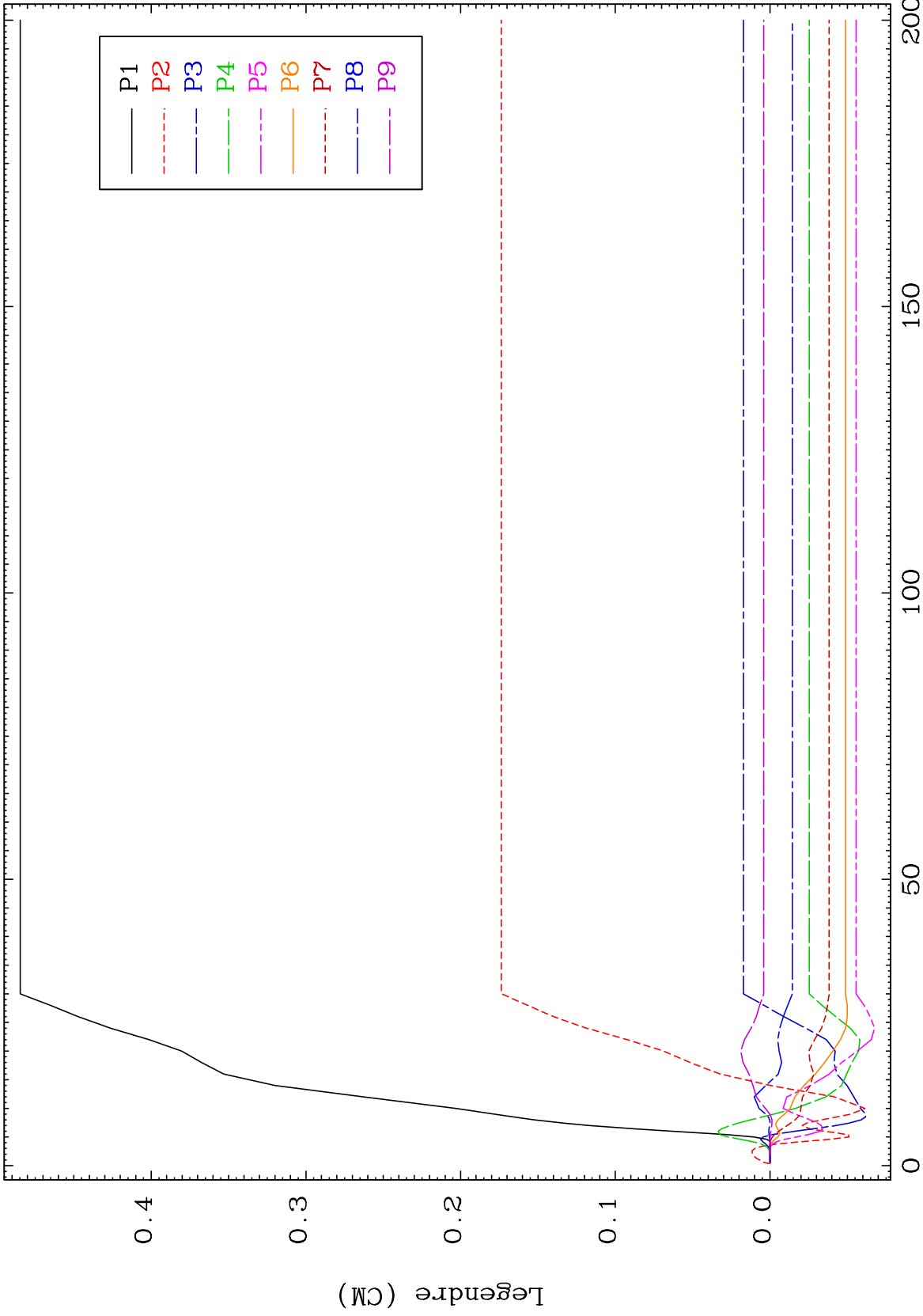
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



32

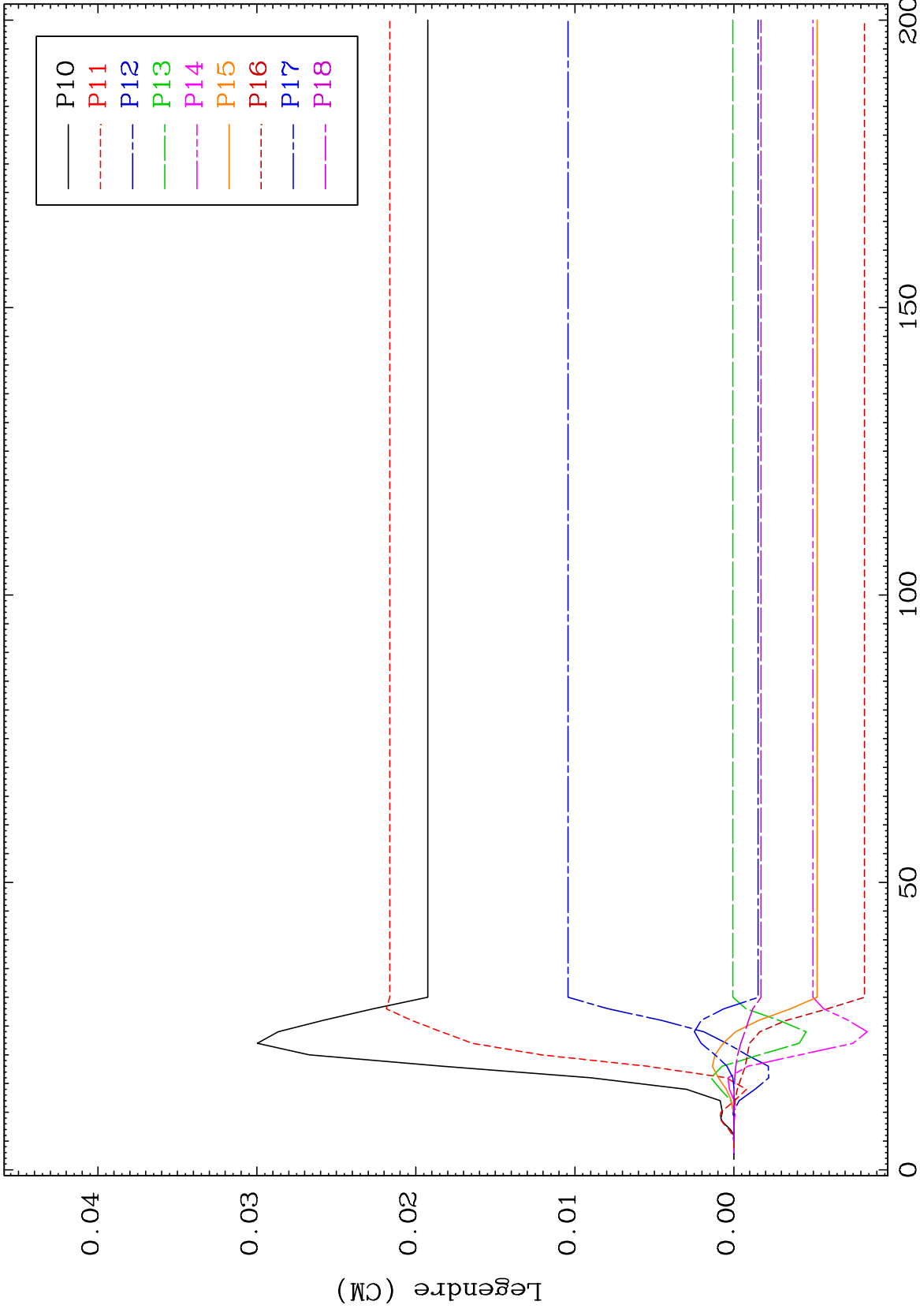
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



33

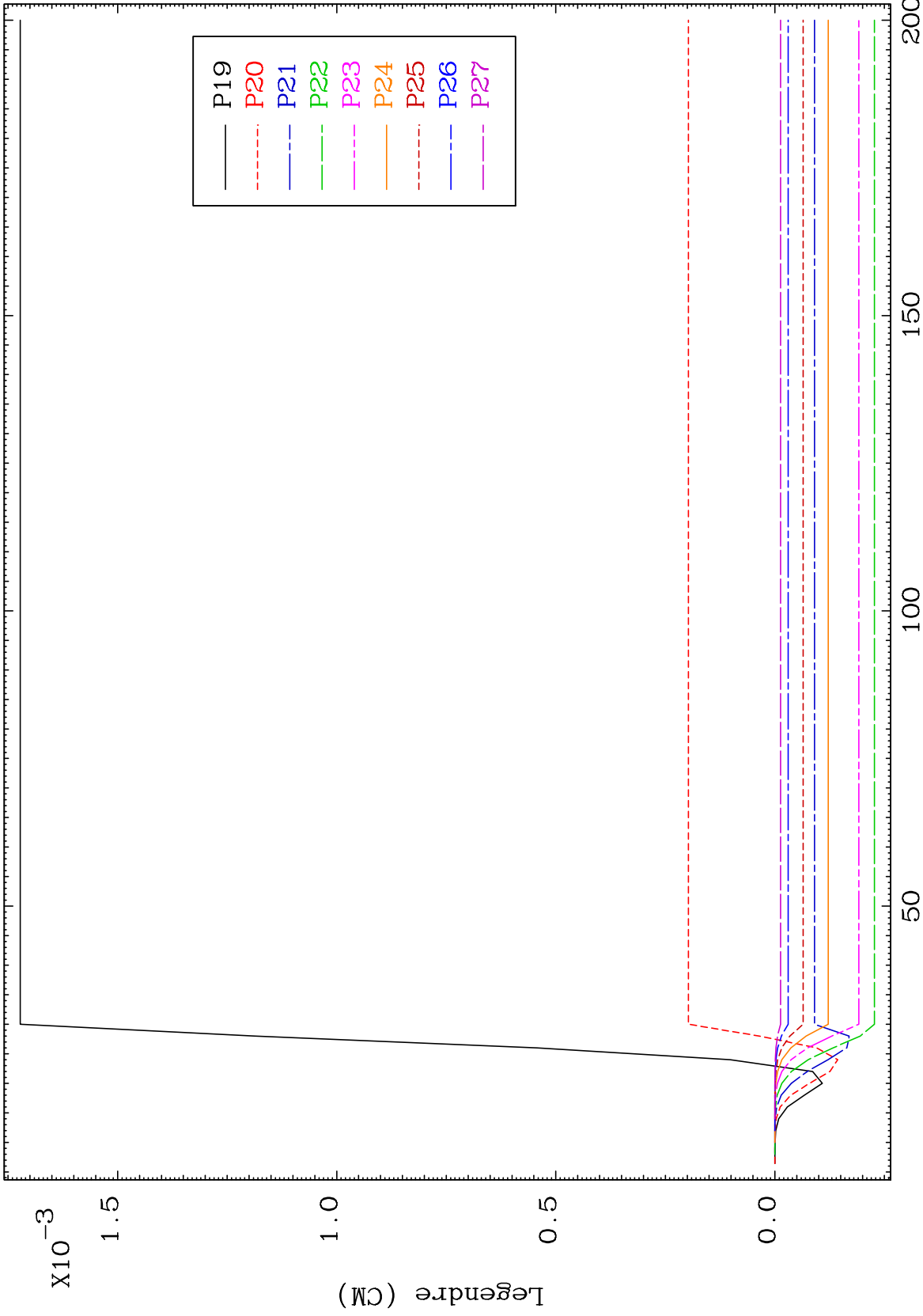
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

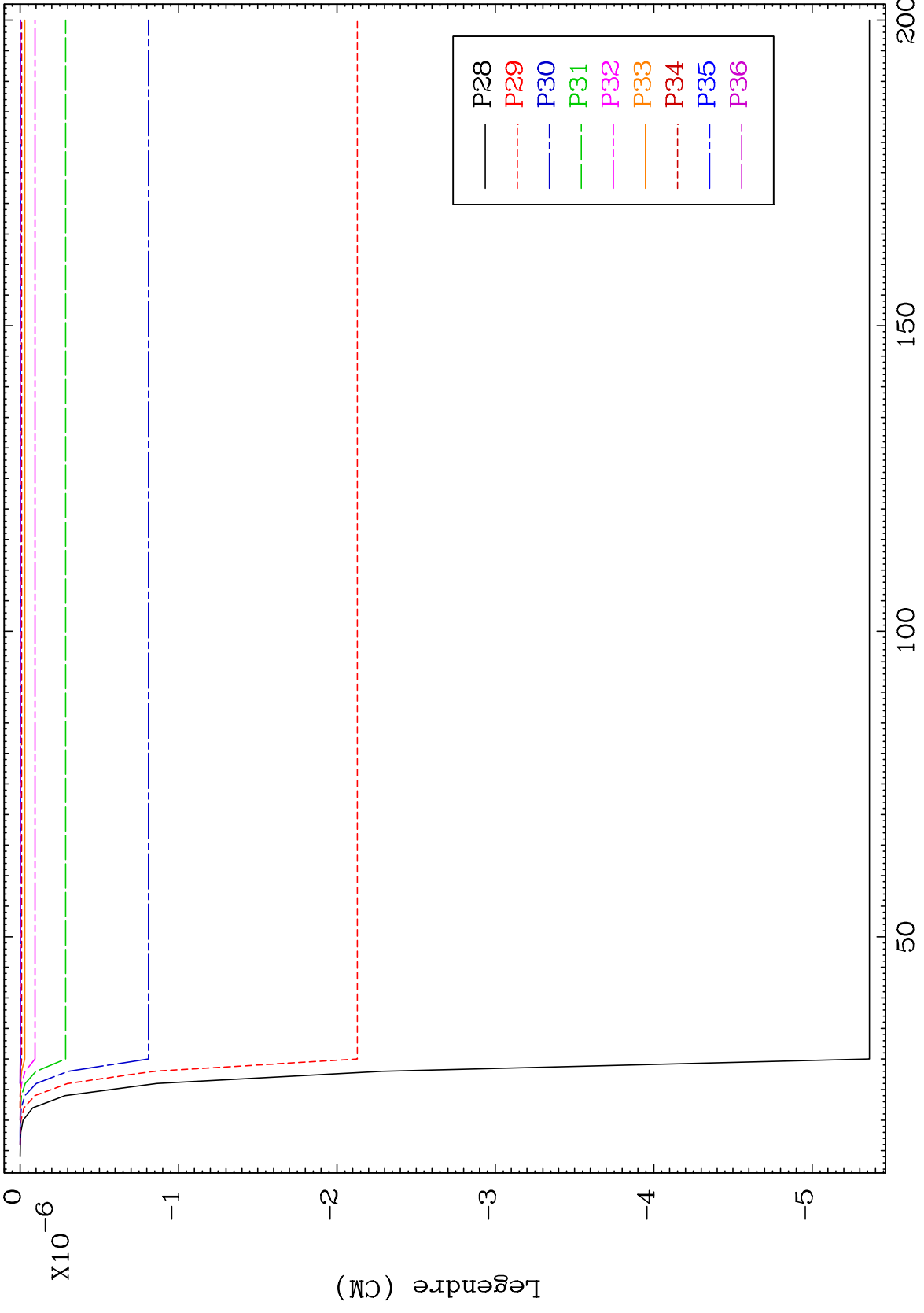


34

Incident Energy (MeV)

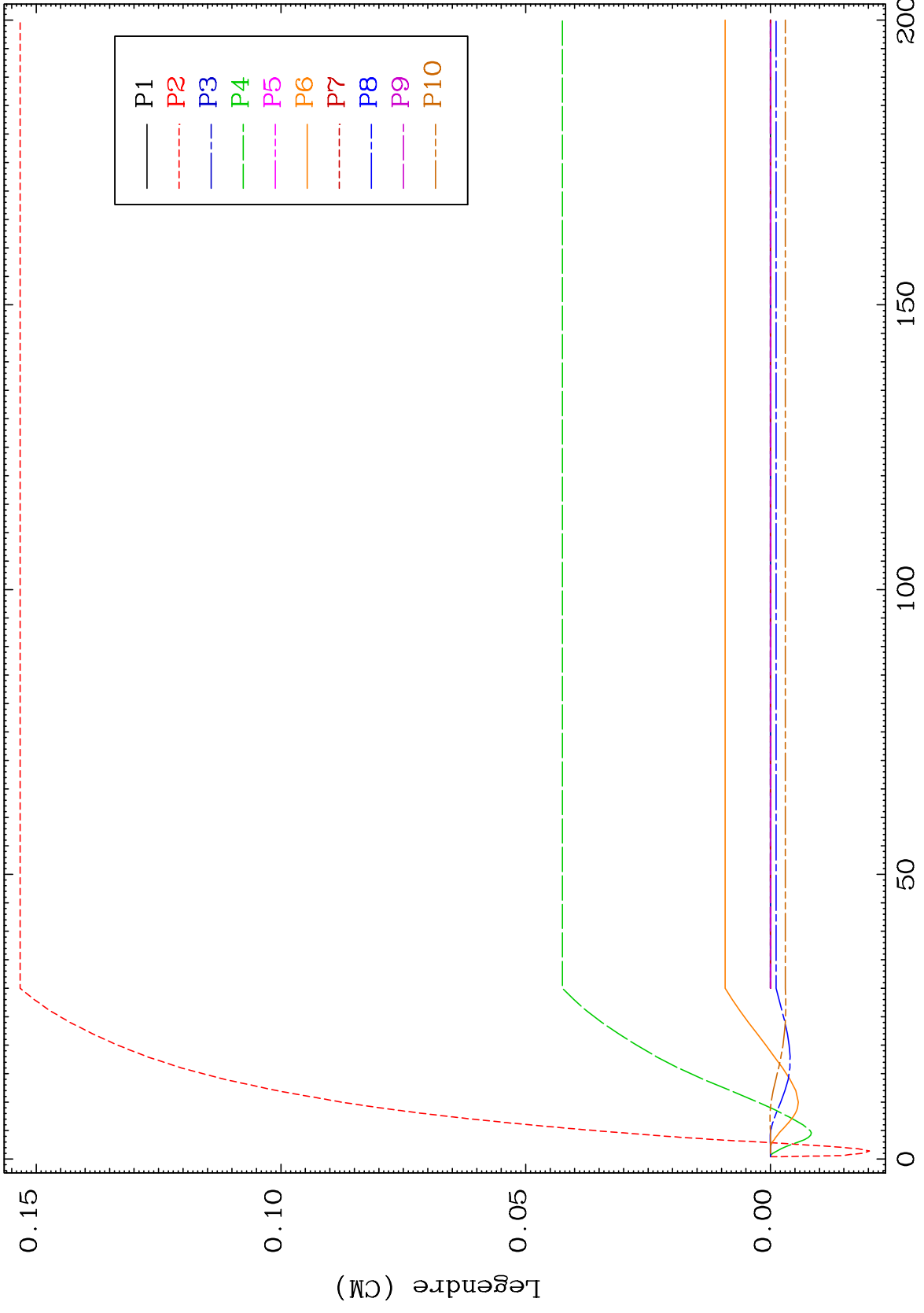
70-Yb-173

MAT 7040 MT= 54 (n,n') Level Legendre Coefficients 70-Yb-173



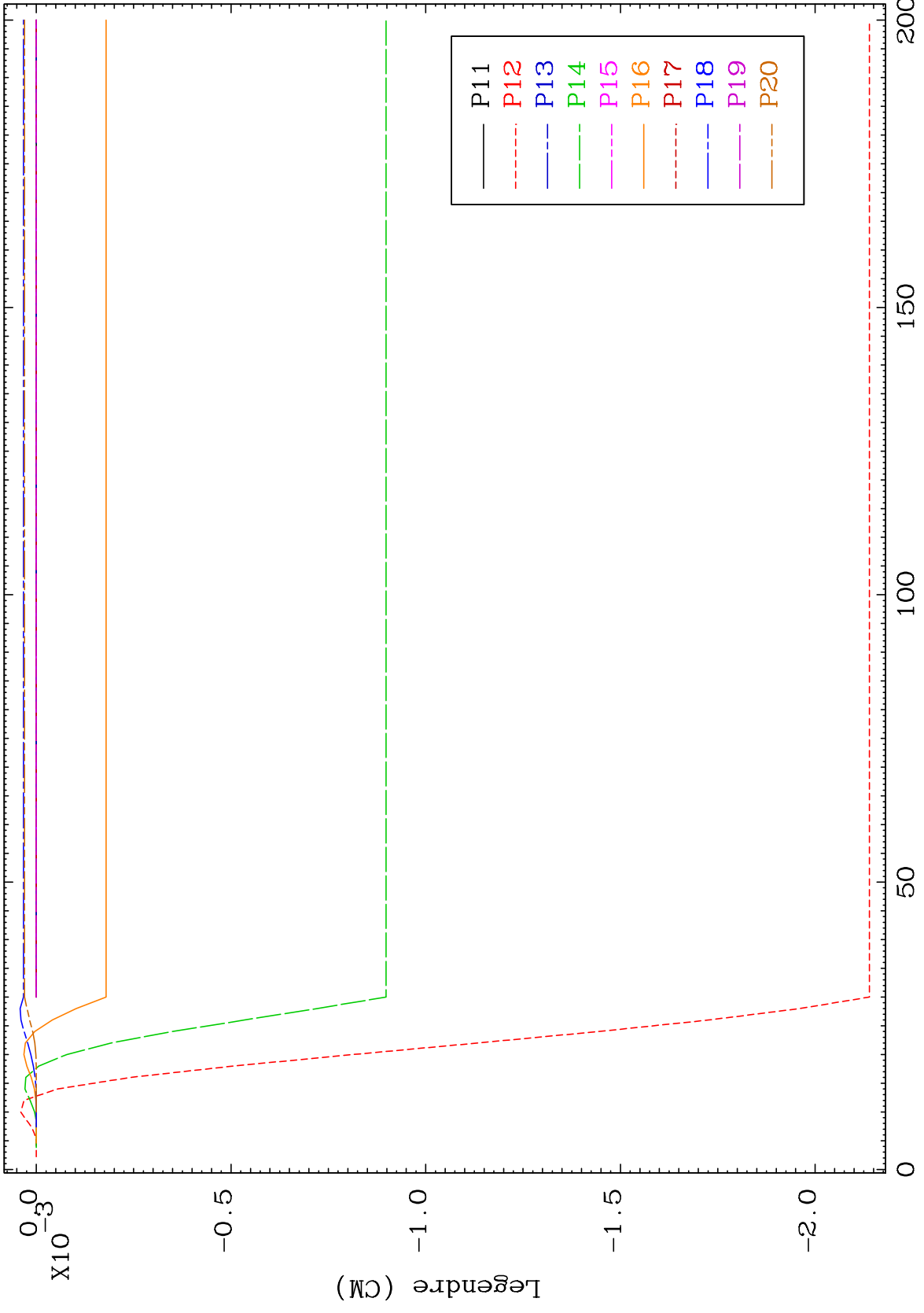
35 Incident Energy (MeV) 70-Yb-173

MAT 7040 MT= 55 (n,n') Level Legendre Coefficients 70-Yb-173



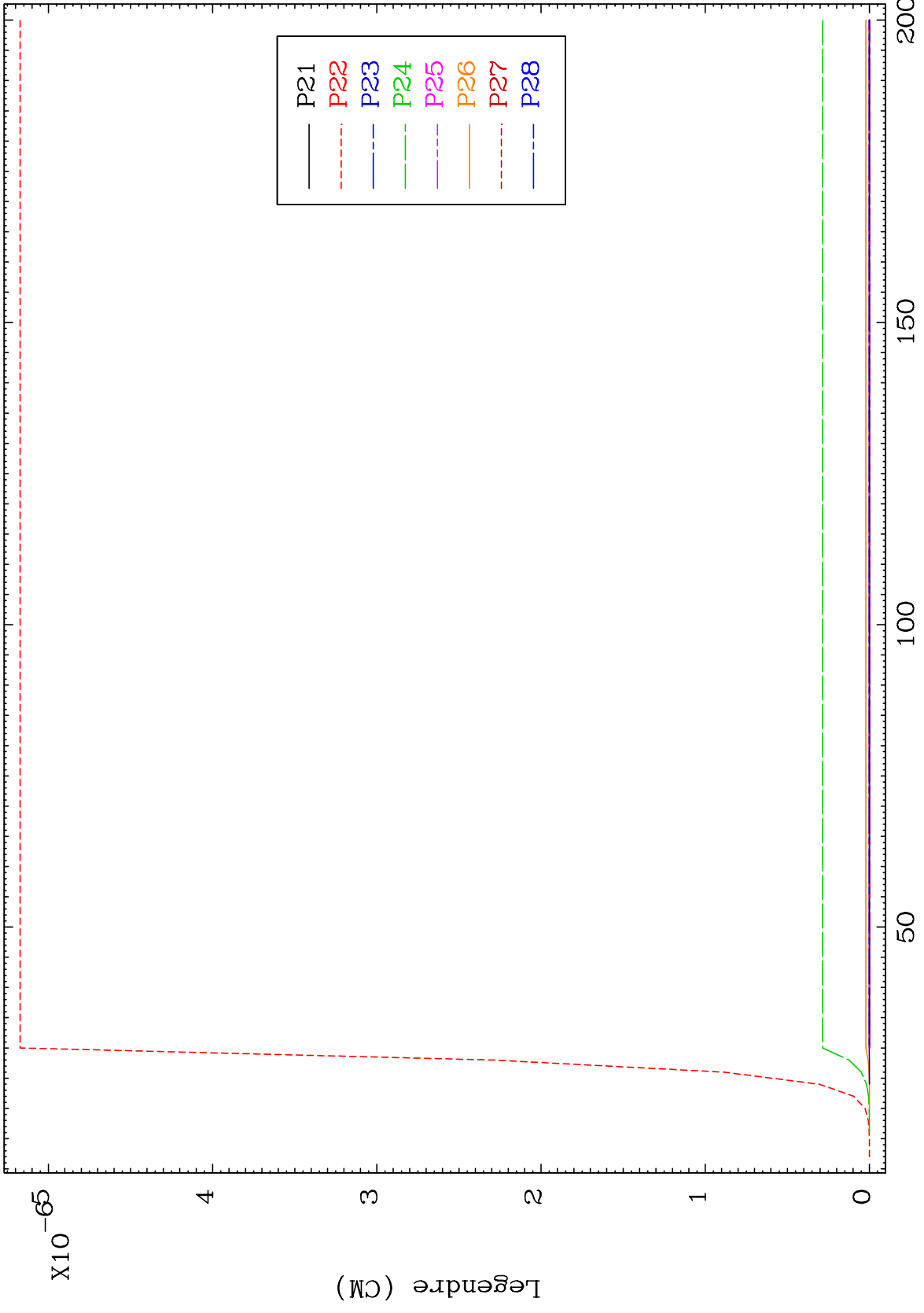
36 Incident Energy (MeV) 70-Yb-173

MAT 7040 MT= 55 (n,n') Level Legendre Coefficients 70-Yb-173



37 70-Yb-173

MAT 7040 MT= 55 (n,n') Level Legendre Coefficients 70-Yb-173

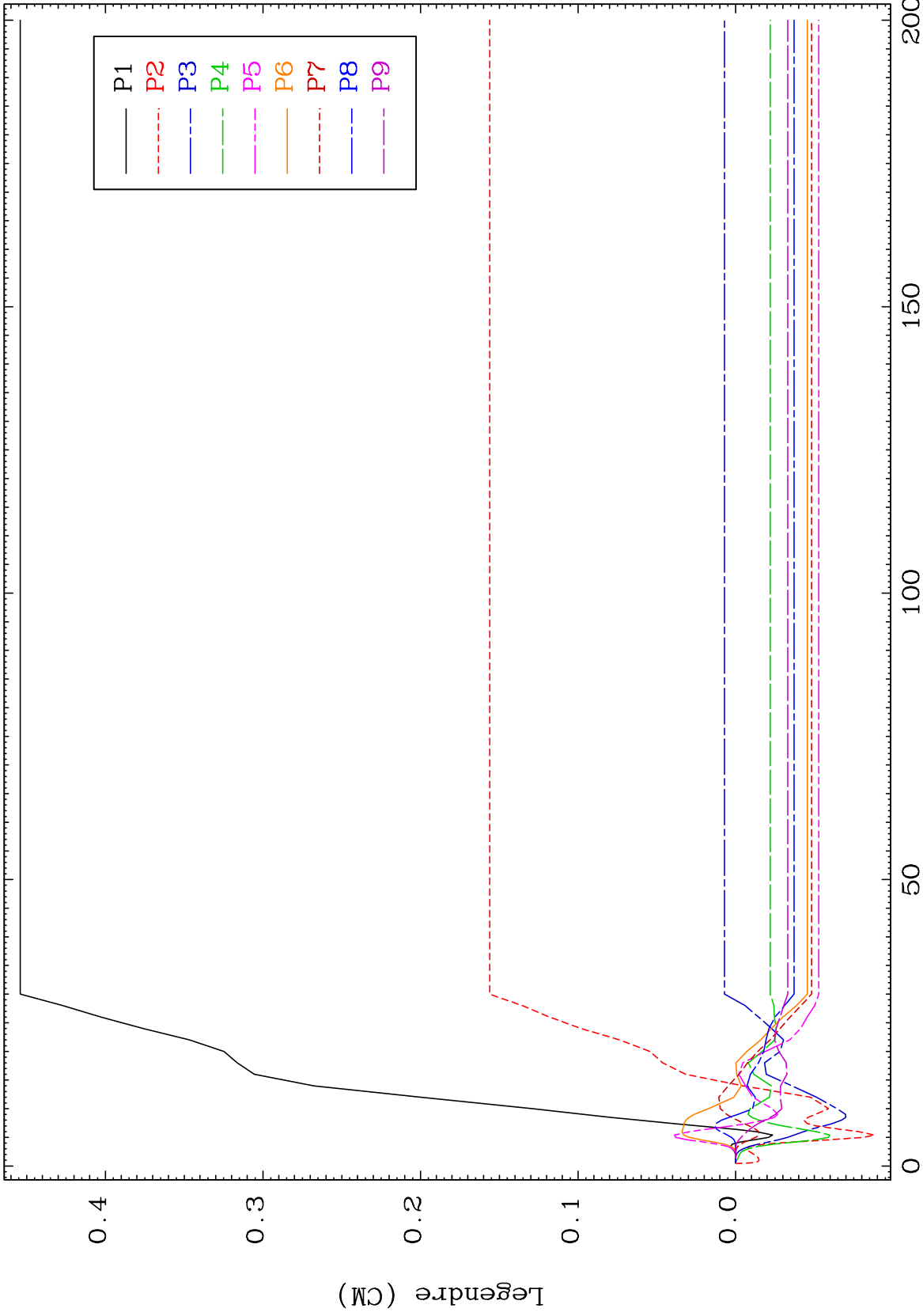


38 Incident Energy (MeV) 70-Yb-173

MAT 7040

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

70-Yb-173



39

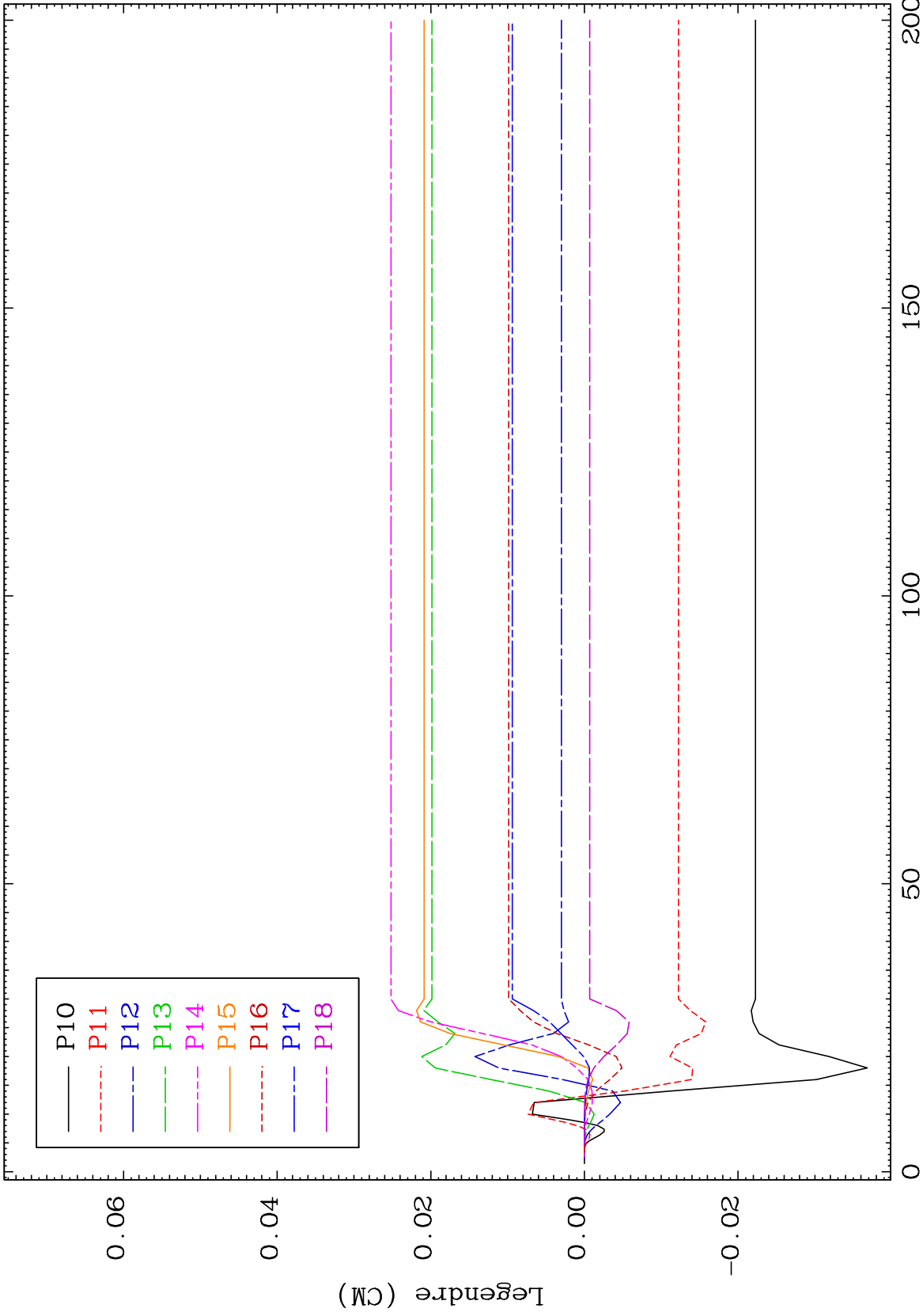
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



40

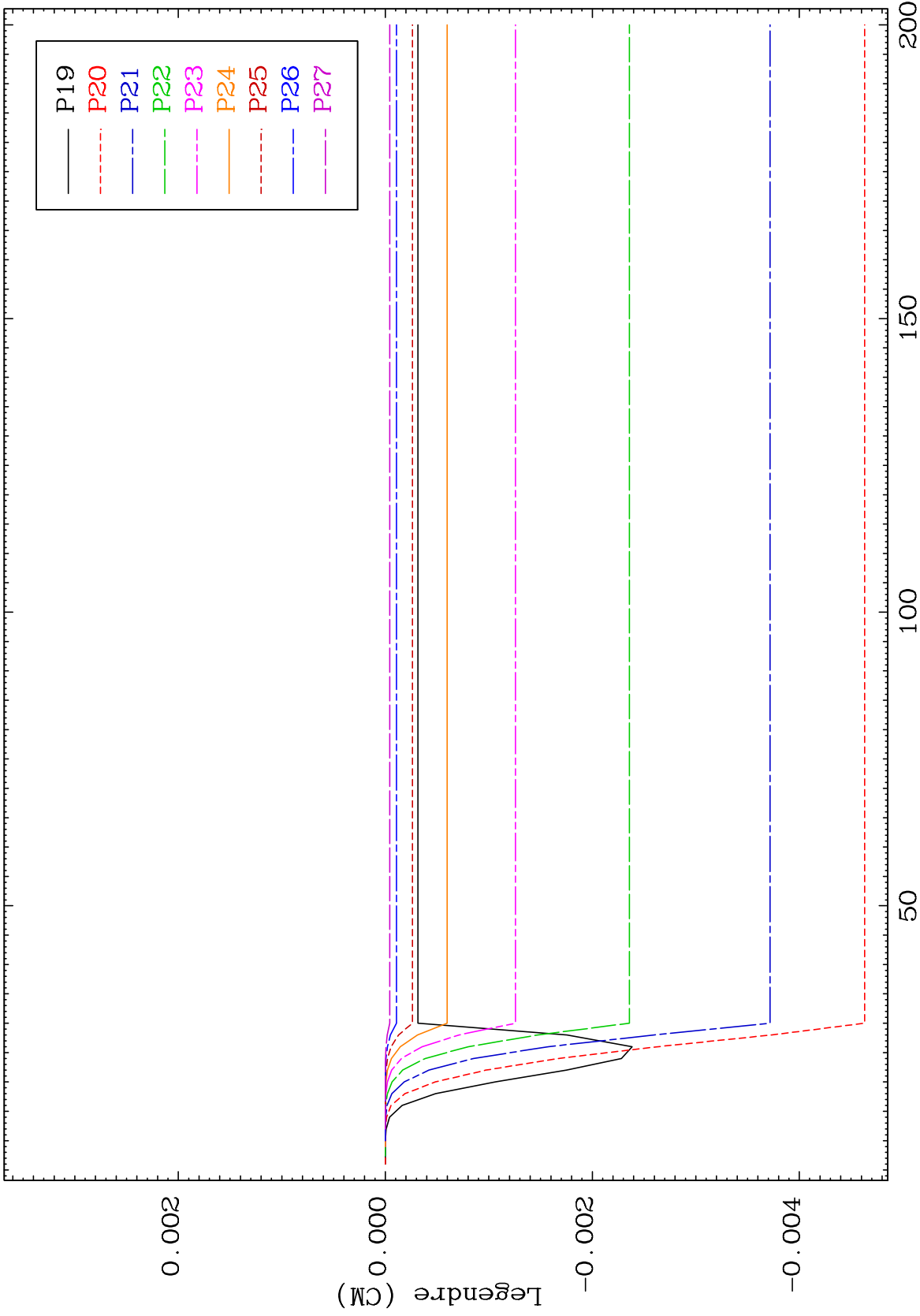
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

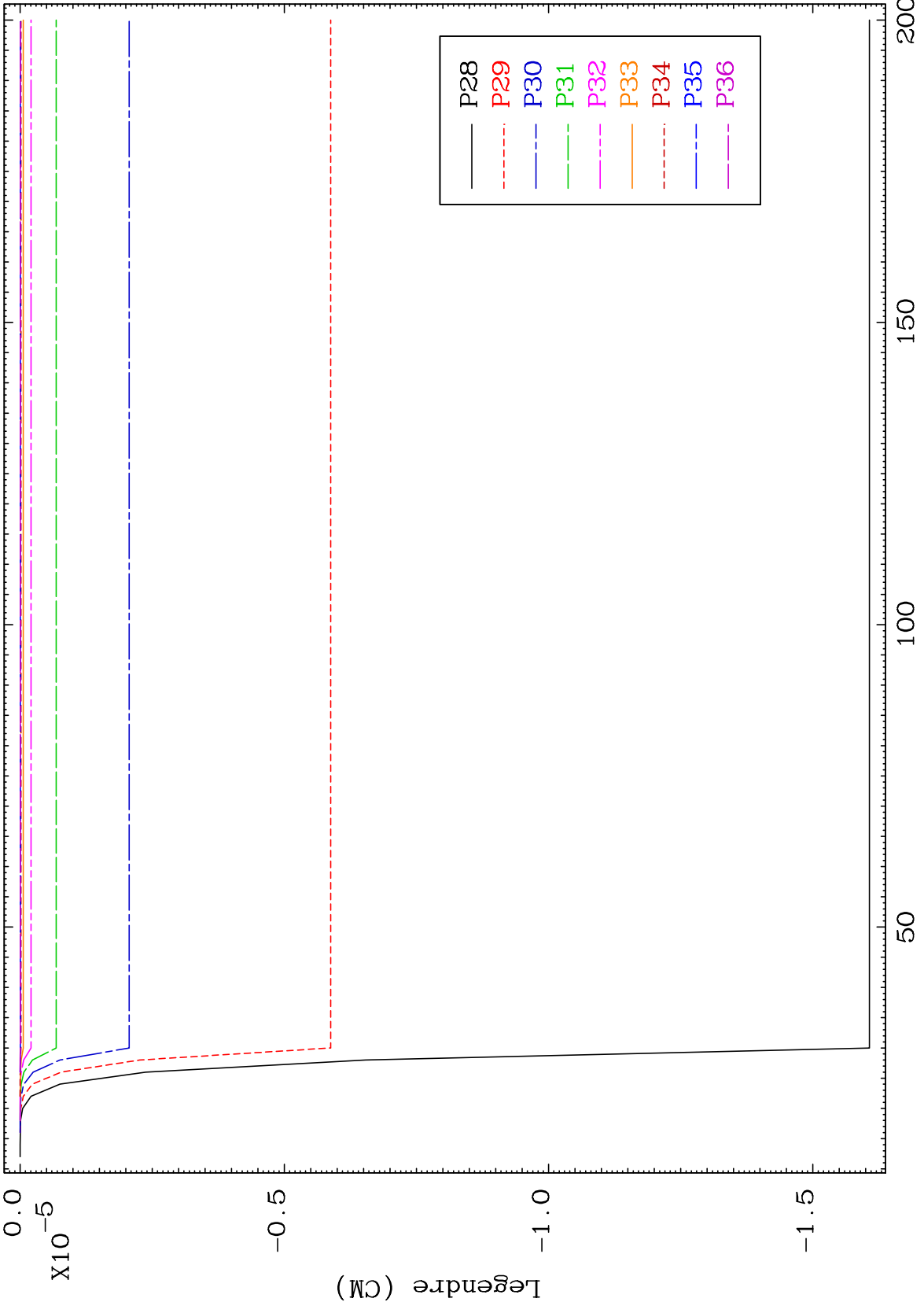


41

Incident Energy (MeV)

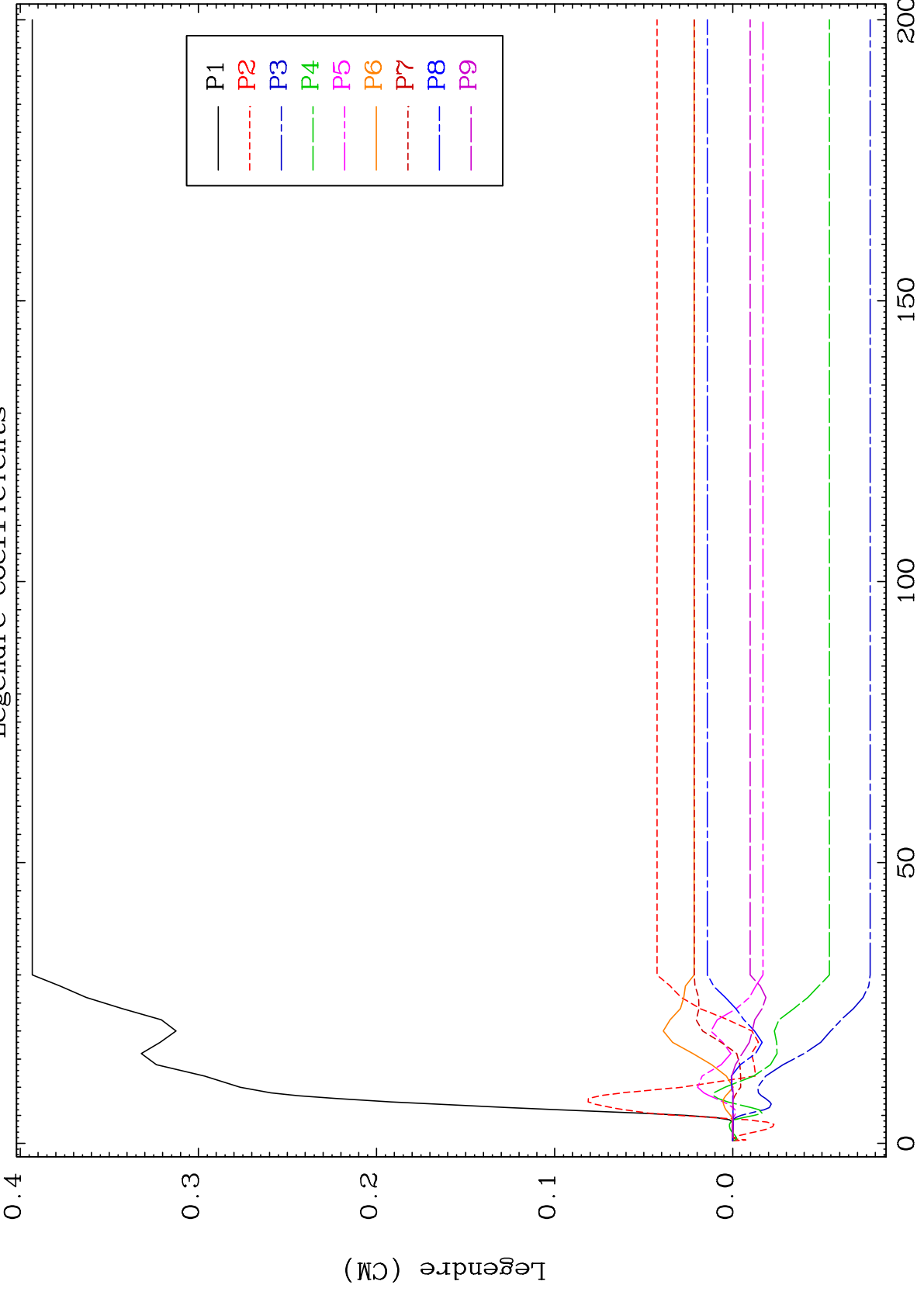
70-Yb-173

MAT 7040 MT= 56 (n,n') Level Legendre Coefficients 70-Yb-173



42 Incident Energy (MeV) 70-Yb-173

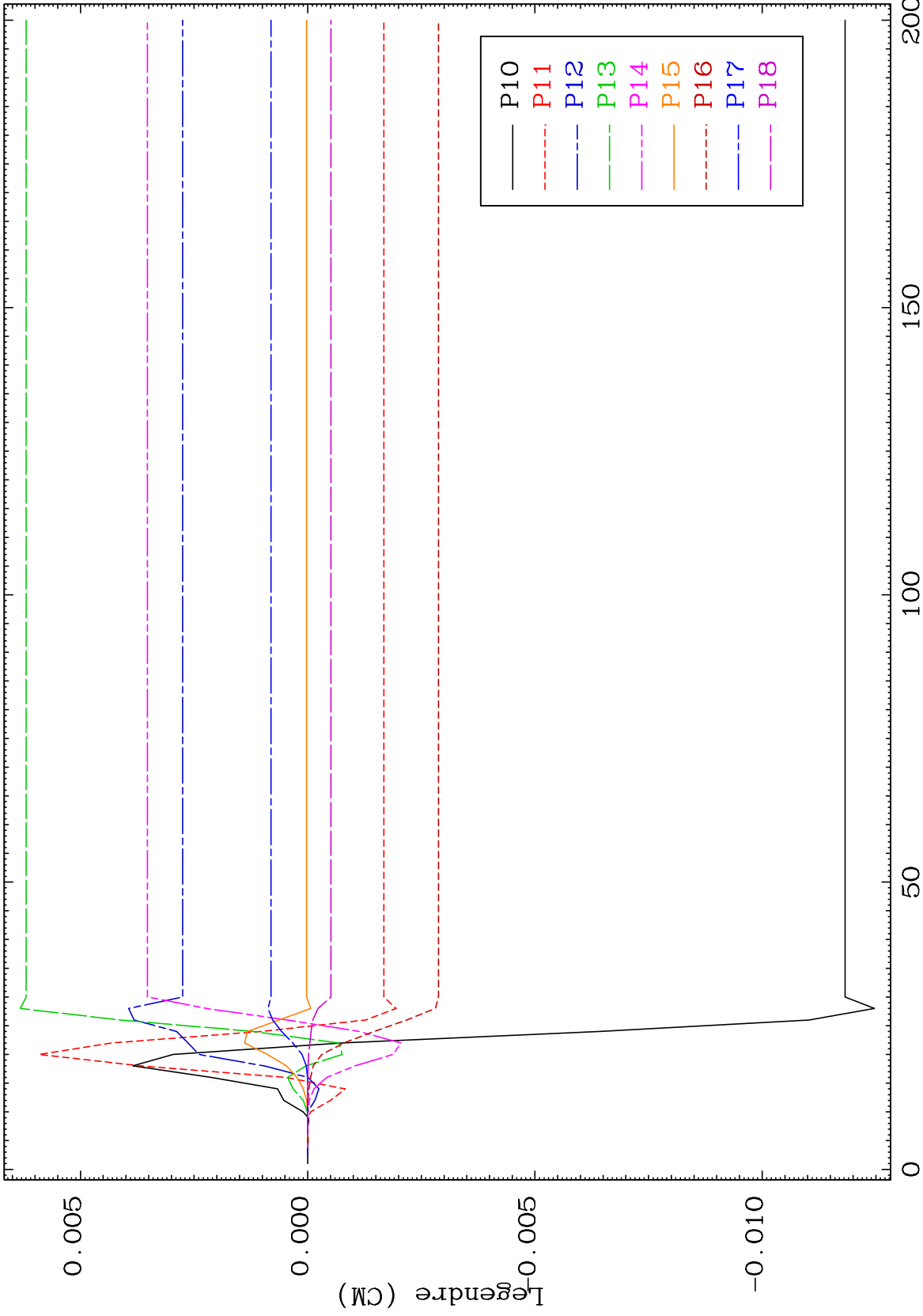
MAT 7040 MT= 57 (n,n') Level Legendre Coefficients 70-Yb-173



MAT 7040

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

70-Yb-173



44

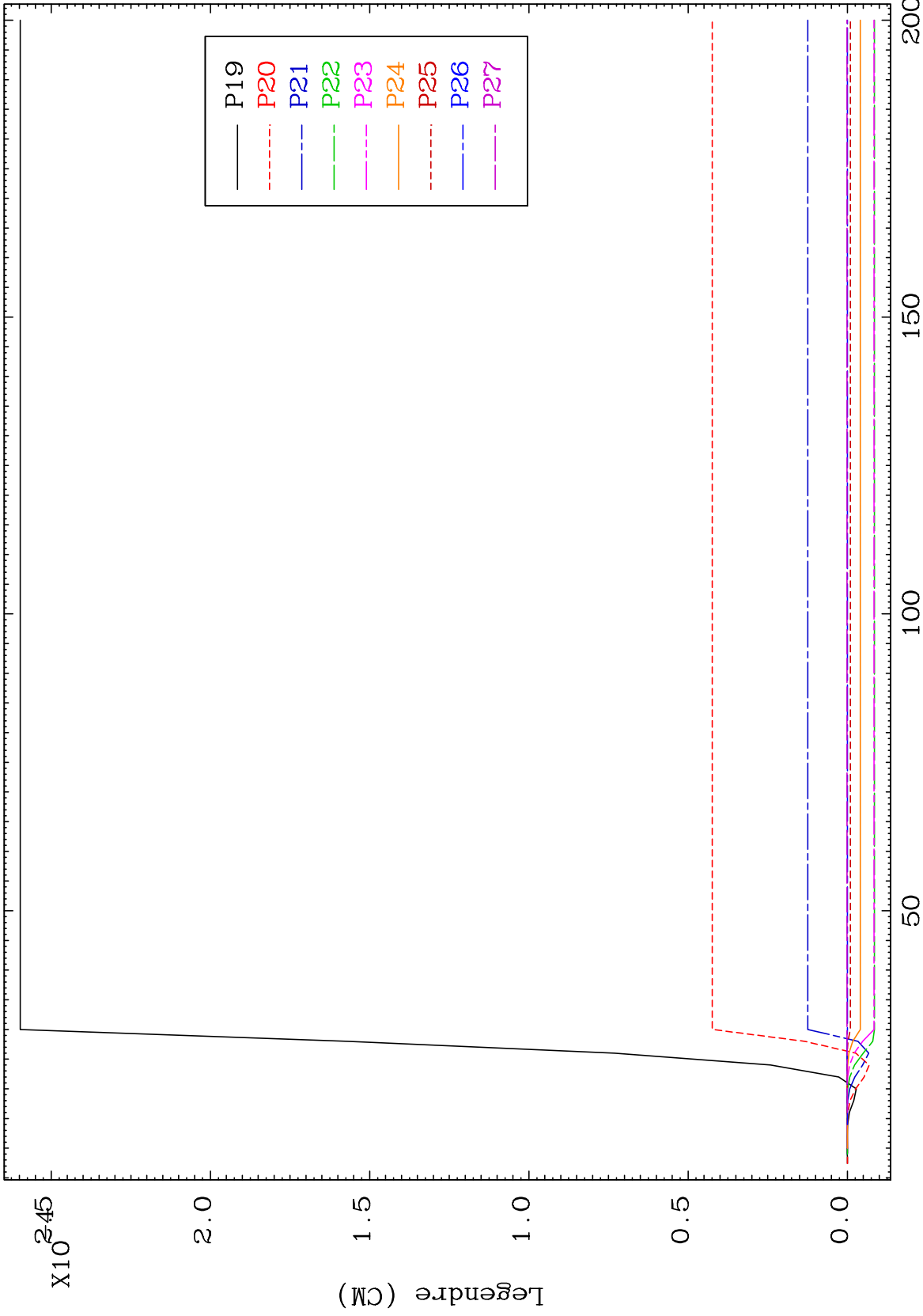
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



45

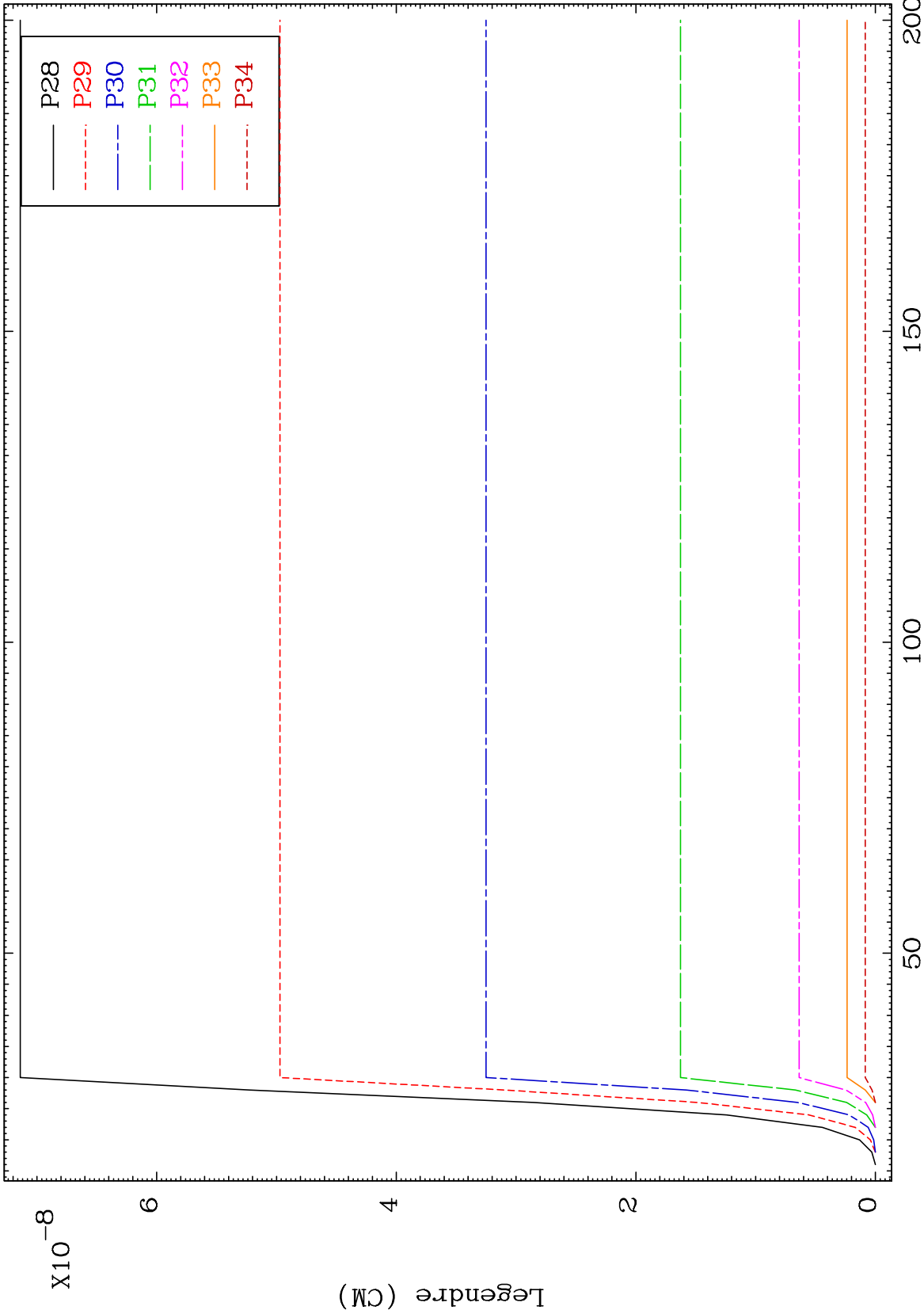
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

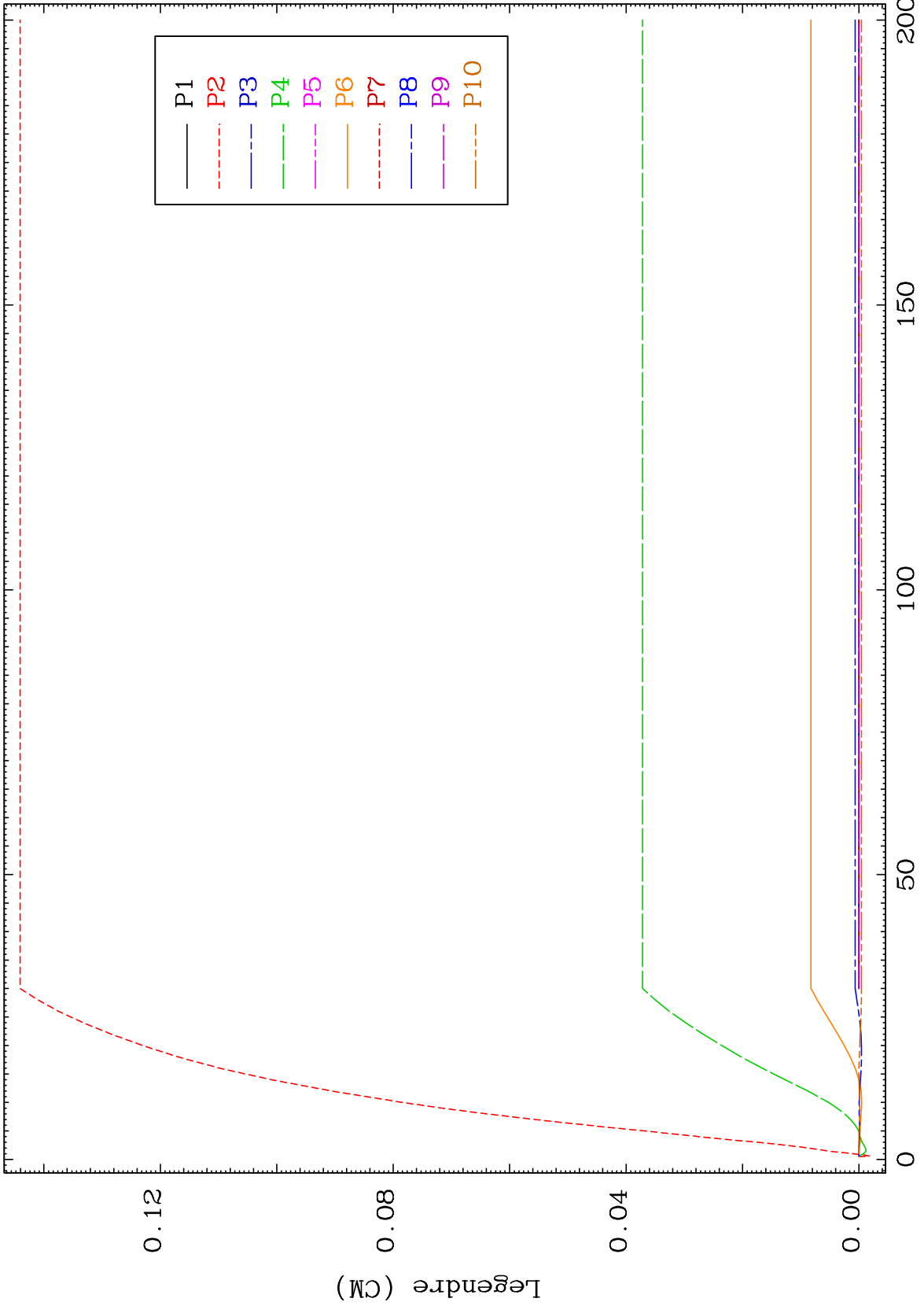


46

Incident Energy (MeV)

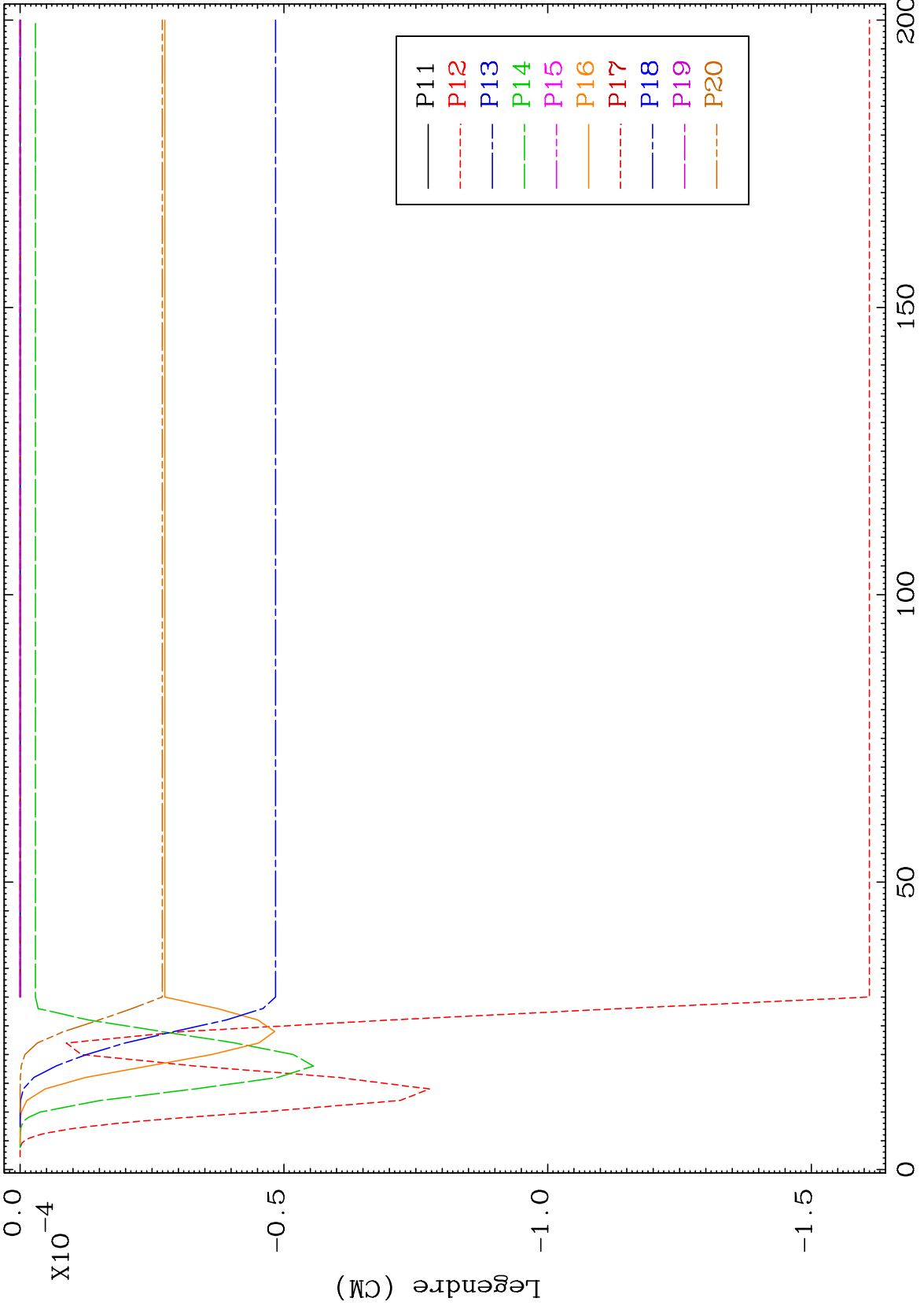
70-Yb-173

MAT 7040 MT= 58 (n,n') Level Legendre Coefficients 70-Yb-173



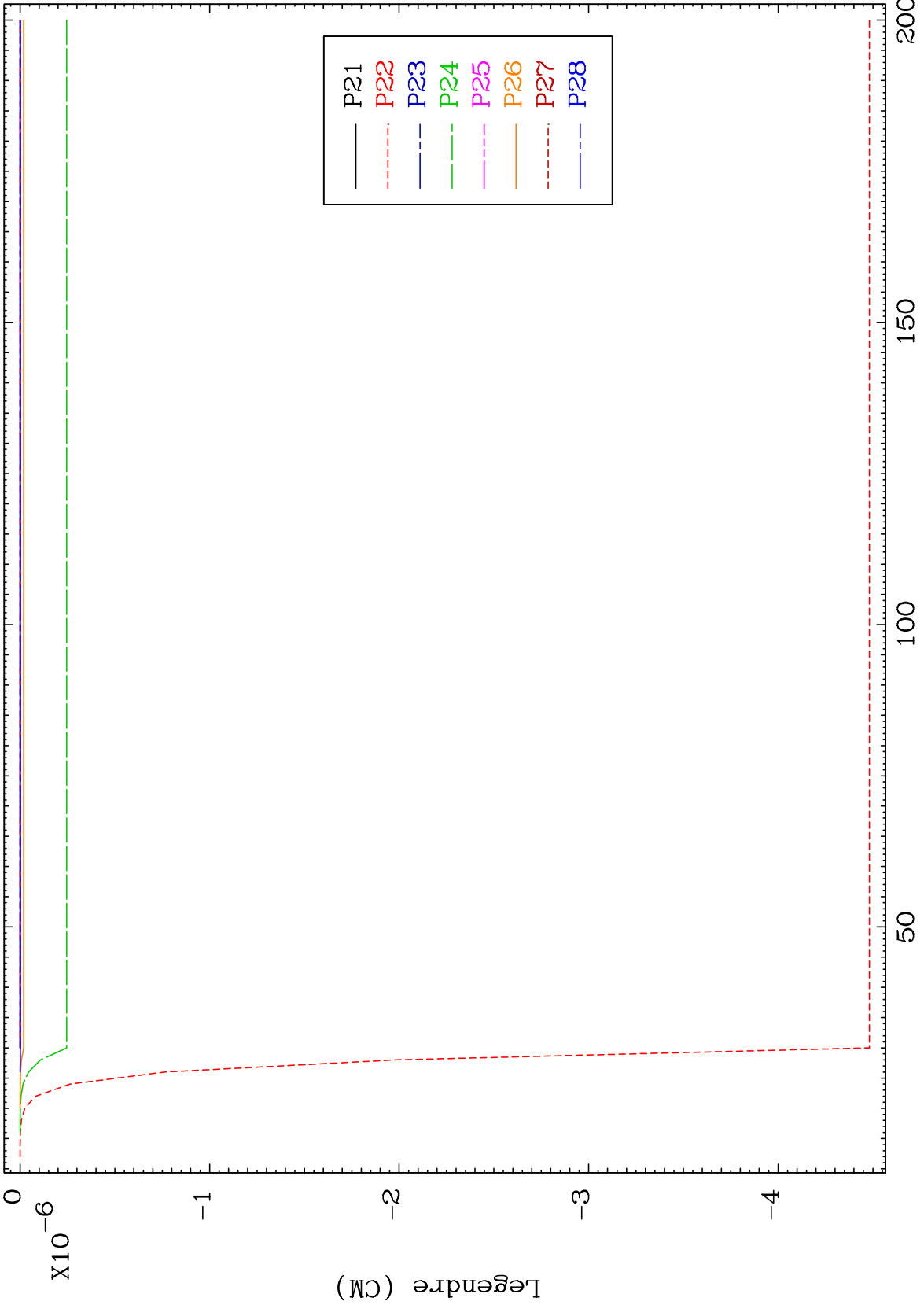
47 Incident Energy (MeV) 70-Yb-173

MAT 7040 MT= 58 (n,n') Level Legendre Coefficients 70-Yb-173



48 70-Yb-173

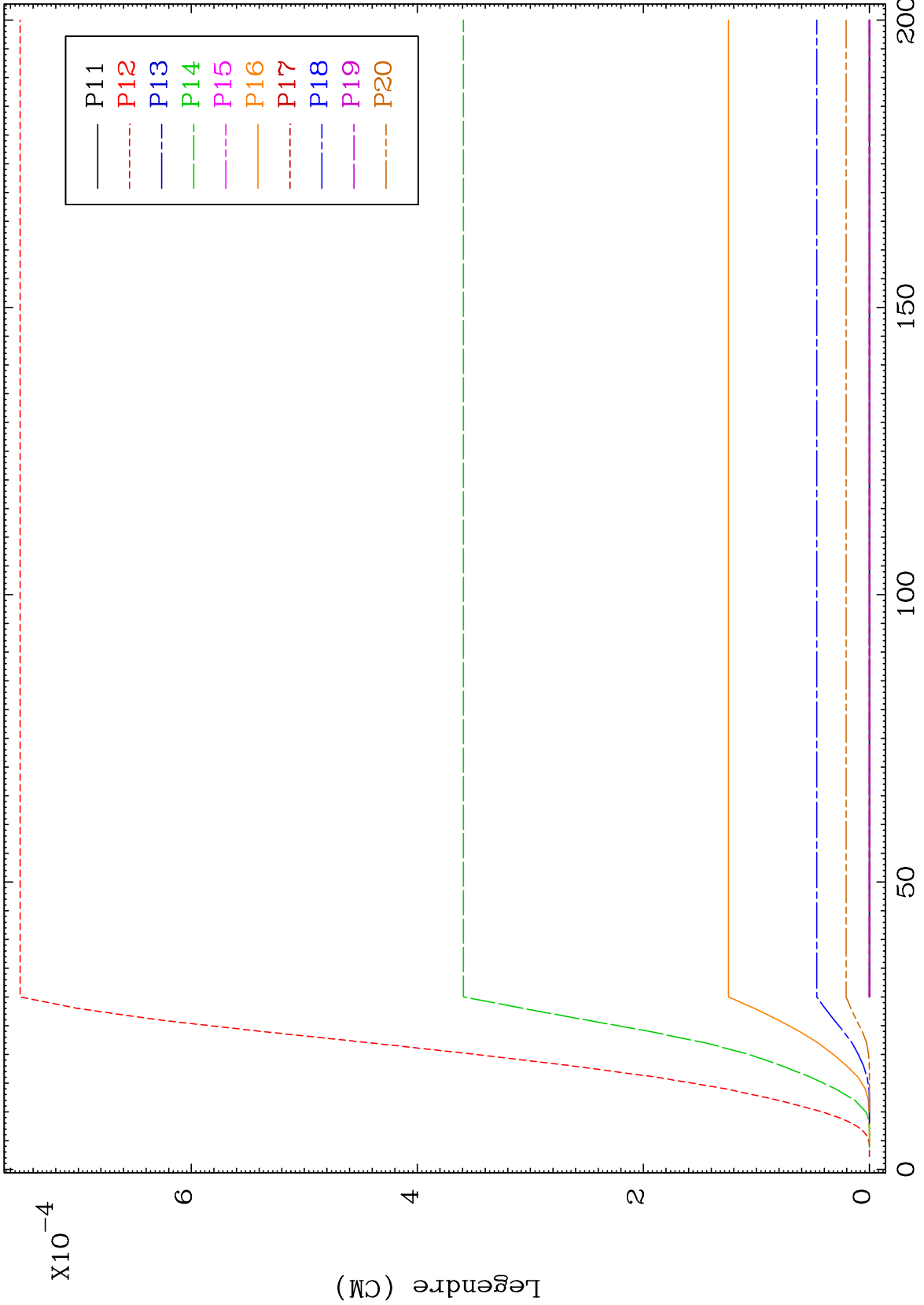
MAT 7040 MT= 58 (n,n') Level Legendre Coefficients 70-Yb-173



MAT 7040

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

70-Yb-173

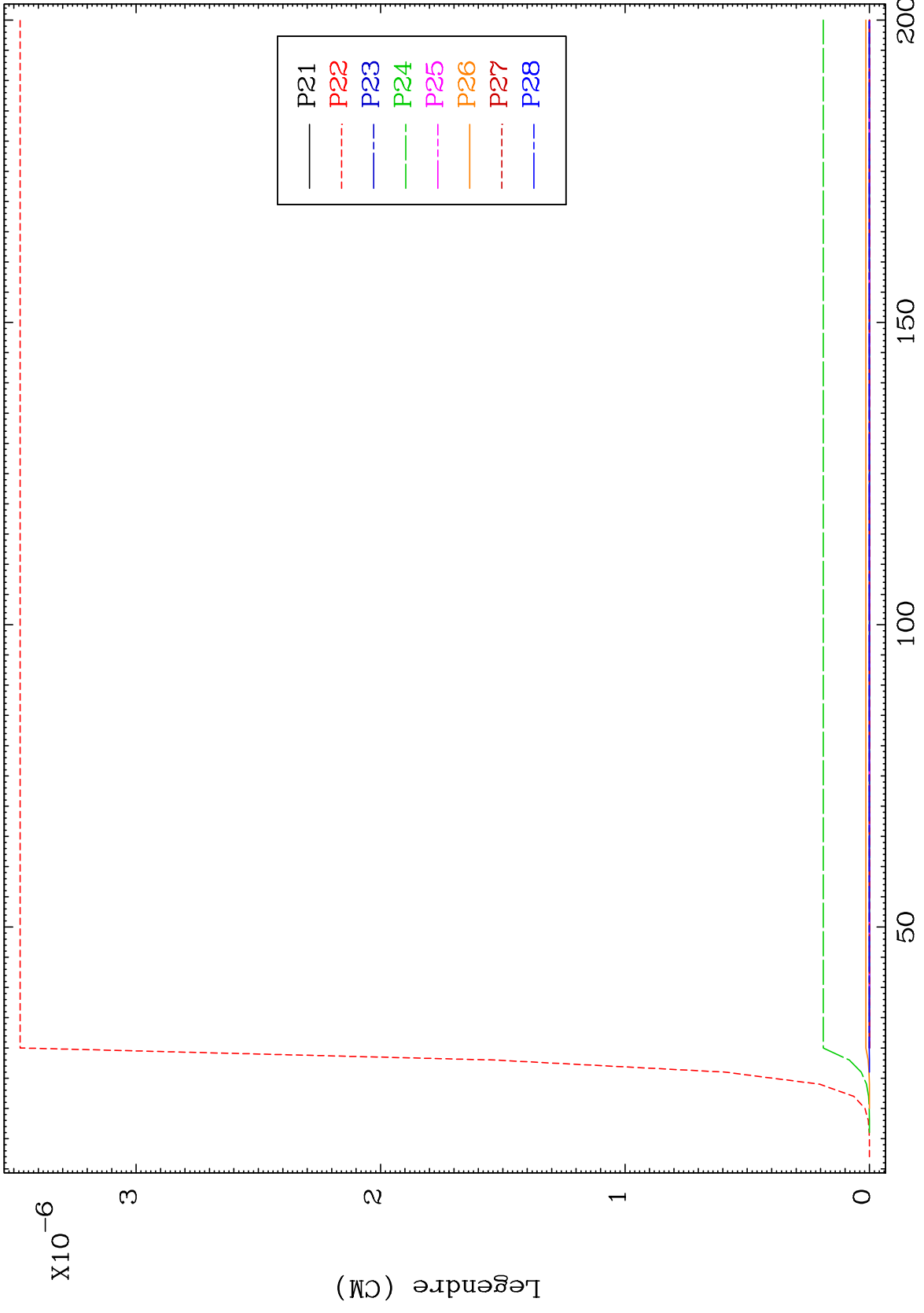


51

Incident Energy (MeV)

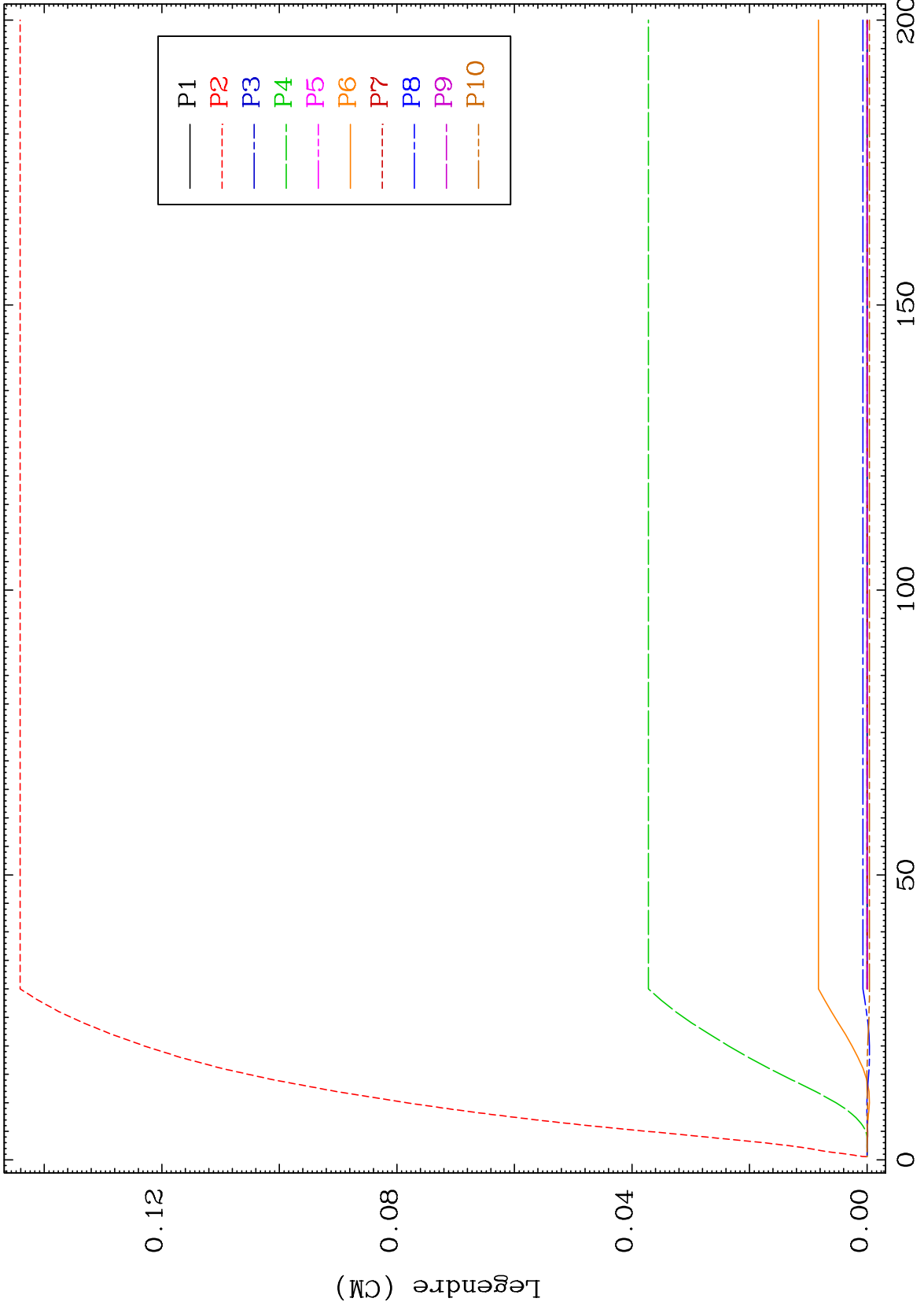
70-Yb-173

MAT 7040 MT= 59 (n,n') Level Legendre Coefficients 70-Yb-173



52 100 150 200 70-Yb-173

MAT 7040 MT= 60 (n,n') Level Legendre Coefficients 70-Yb-173

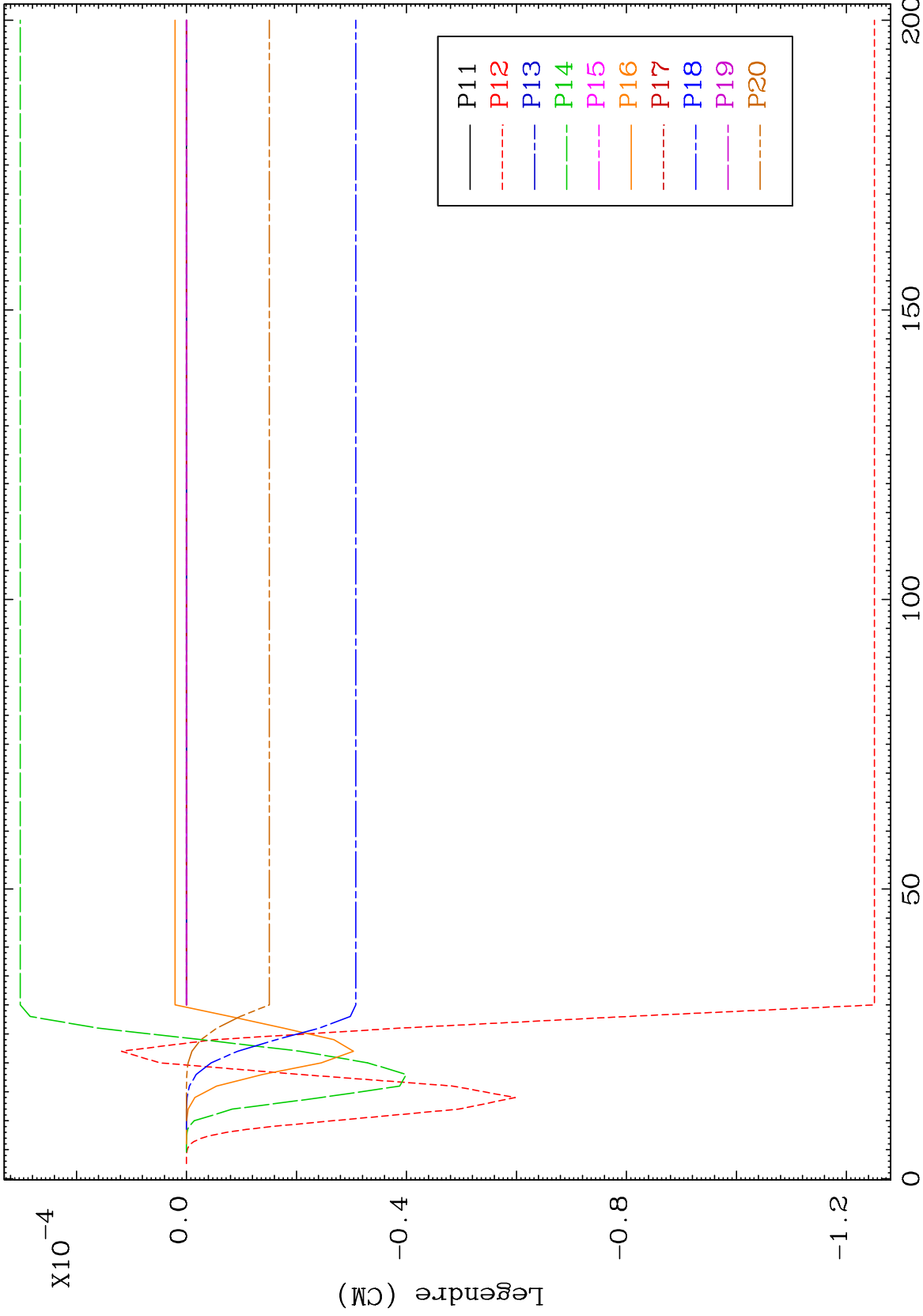


53 70-Yb-173

MAT 7040

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

70-Yb-173

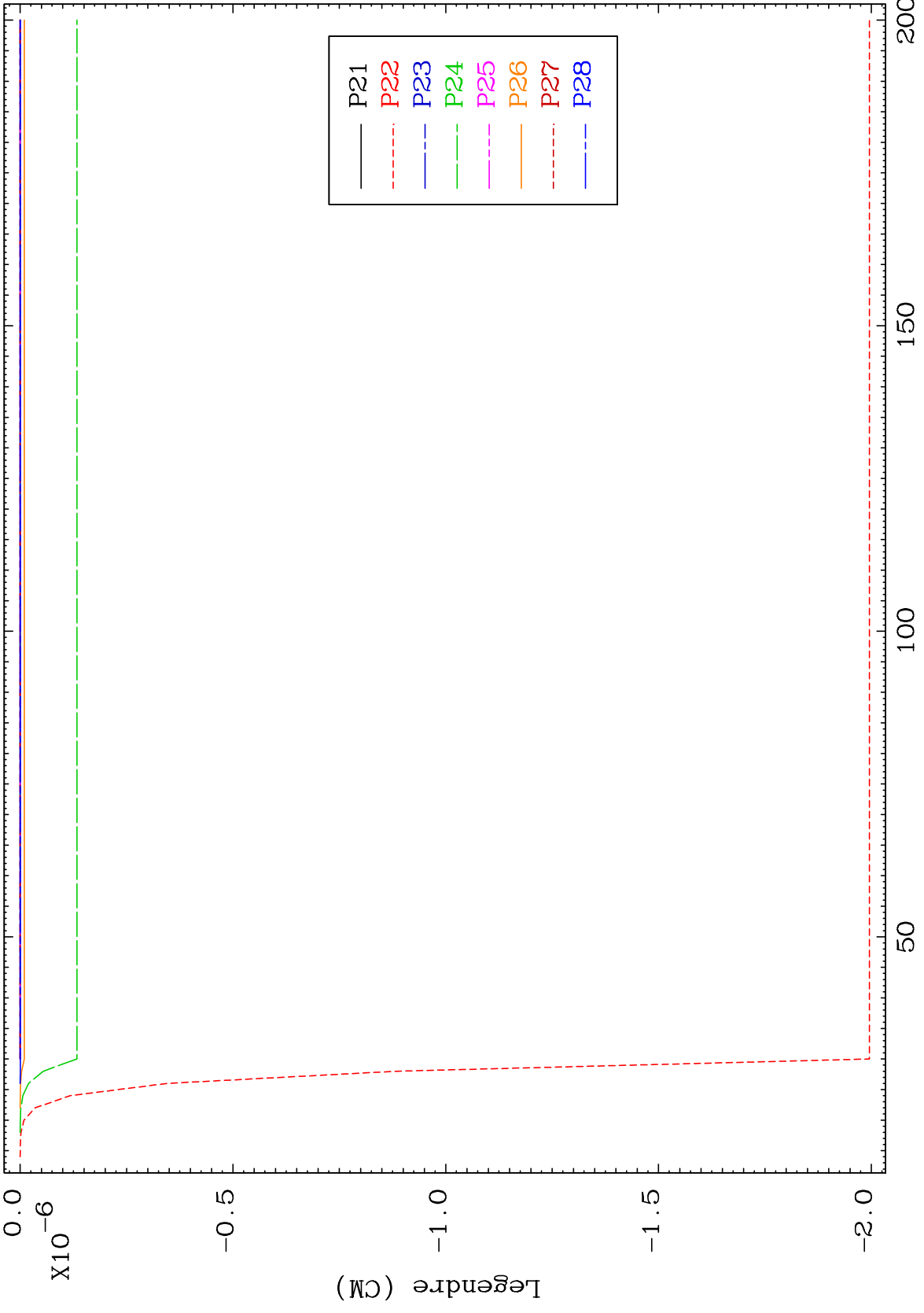


54

Incident Energy (MeV)

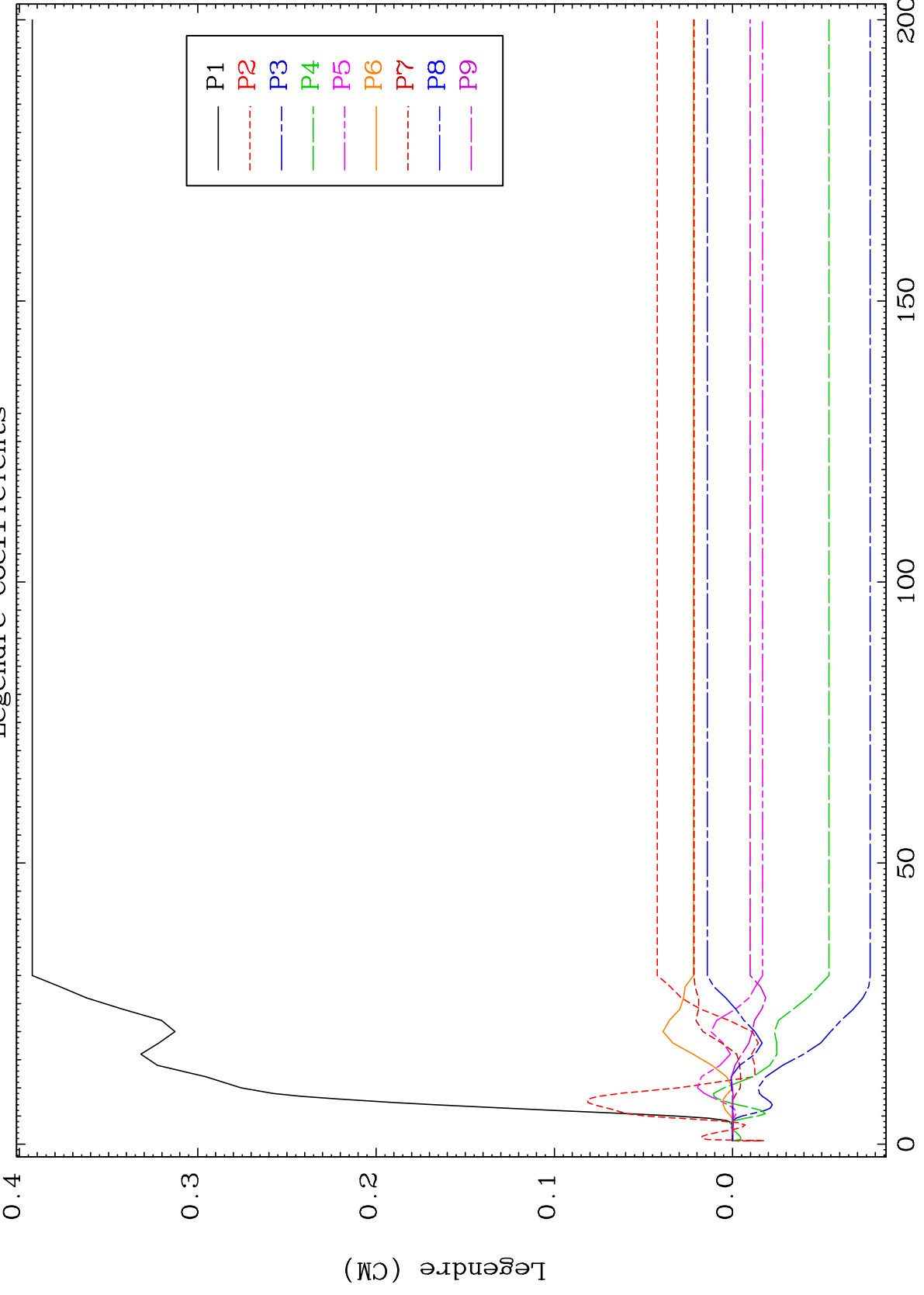
70-Yb-173

MAT 7040 MT= 60 (n,n') Level Legendre Coefficients 70-Yb-173

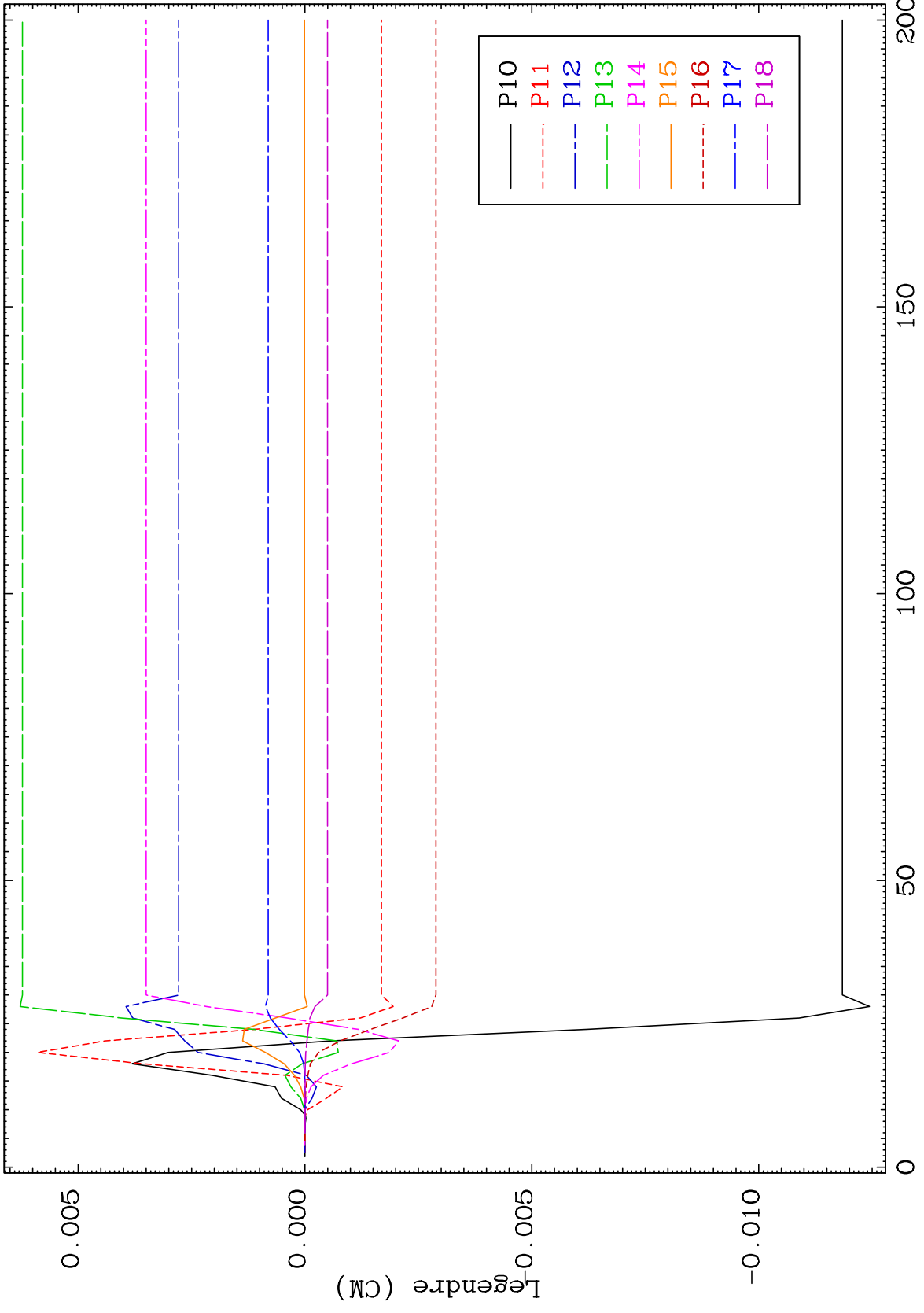


55 Incident Energy (MeV) 70-Yb-173

MAT 7040 MT= 61 (n,n') Level Legendre Coefficients 70-Yb-173



MAT 7040 MT= 61 (n,n') Level Legendre Coefficients 70-Yb-173

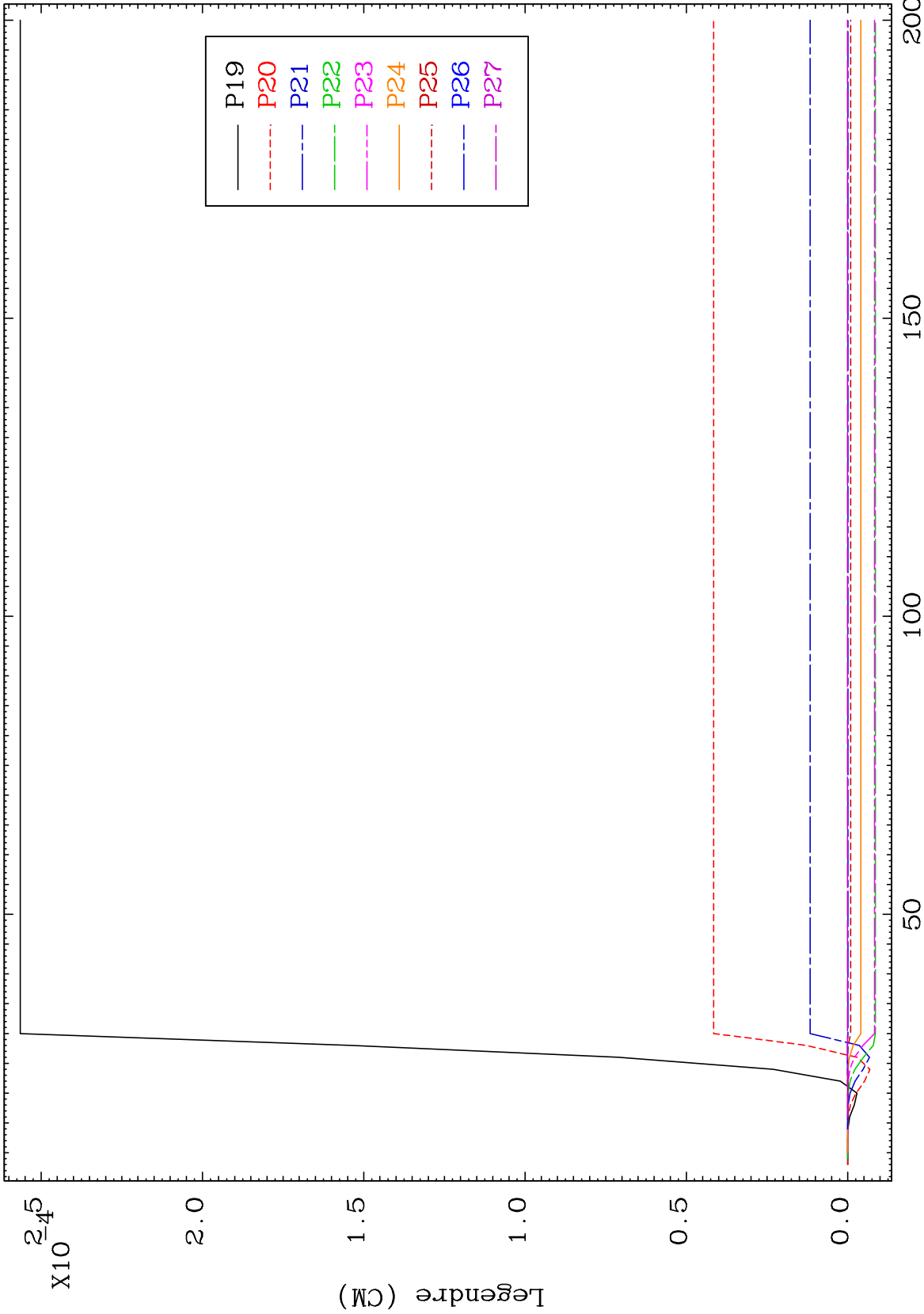


57 70-Yb-173

MAT 7040

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

70-Yb-173



58

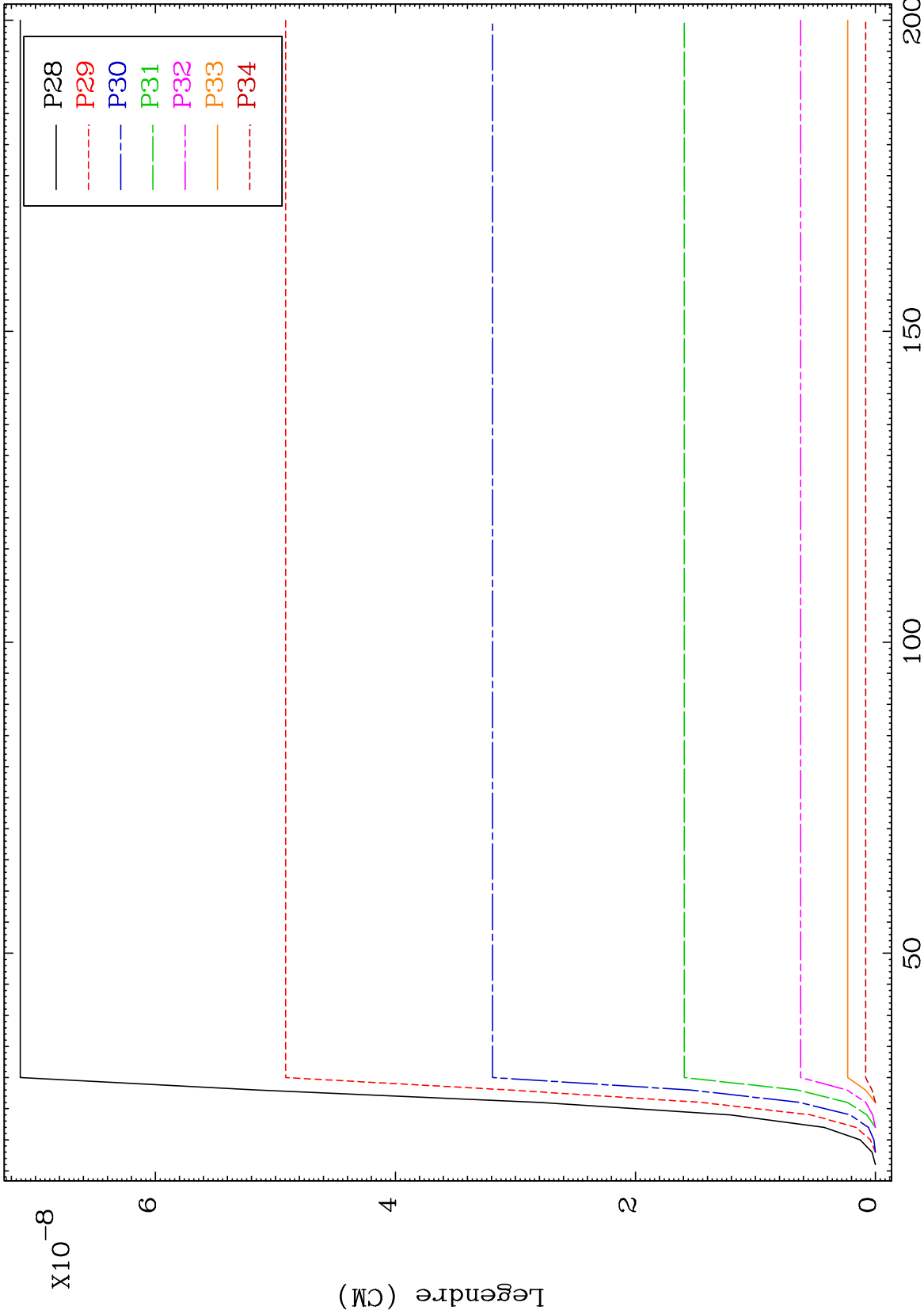
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



59

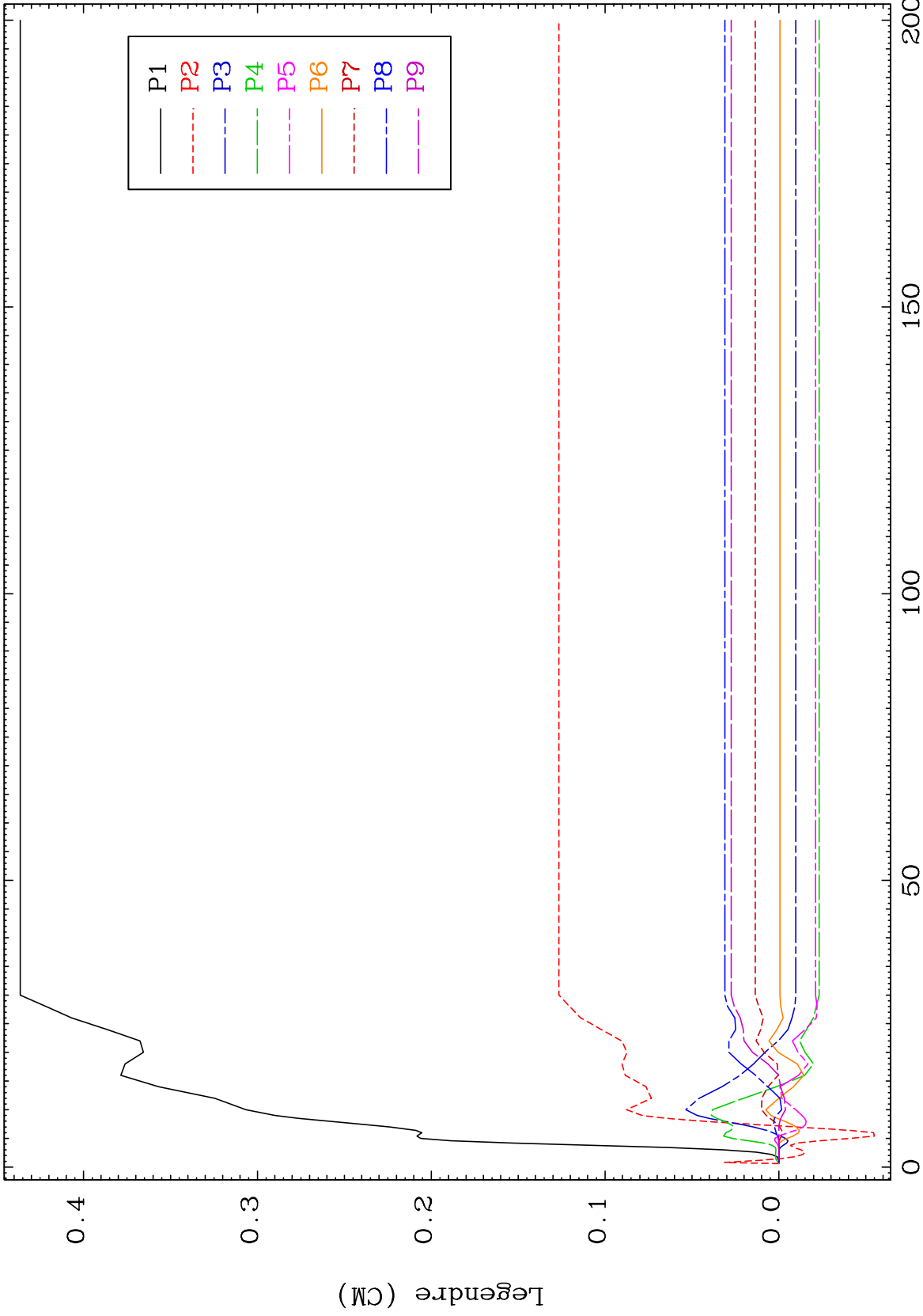
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



60

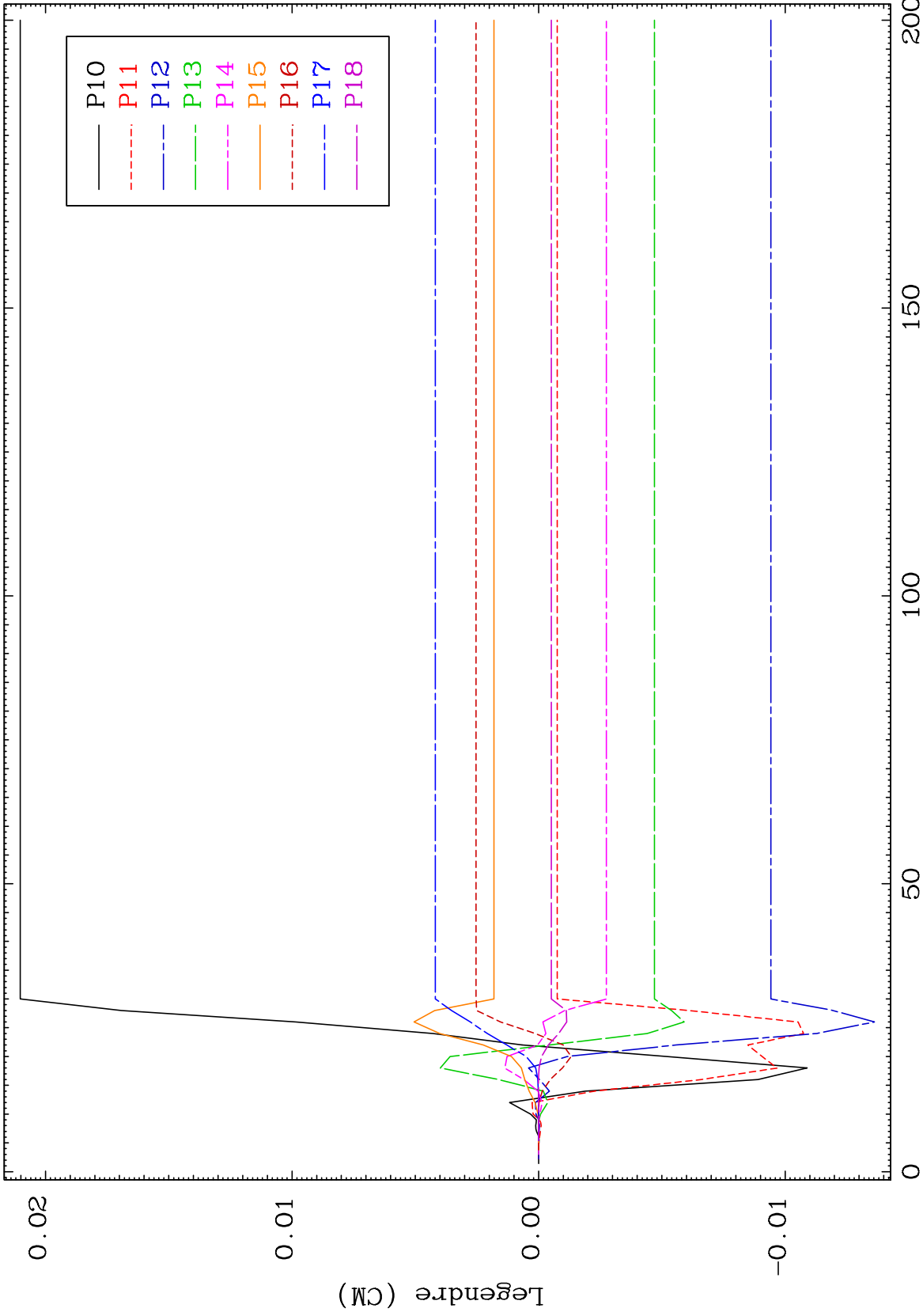
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



61

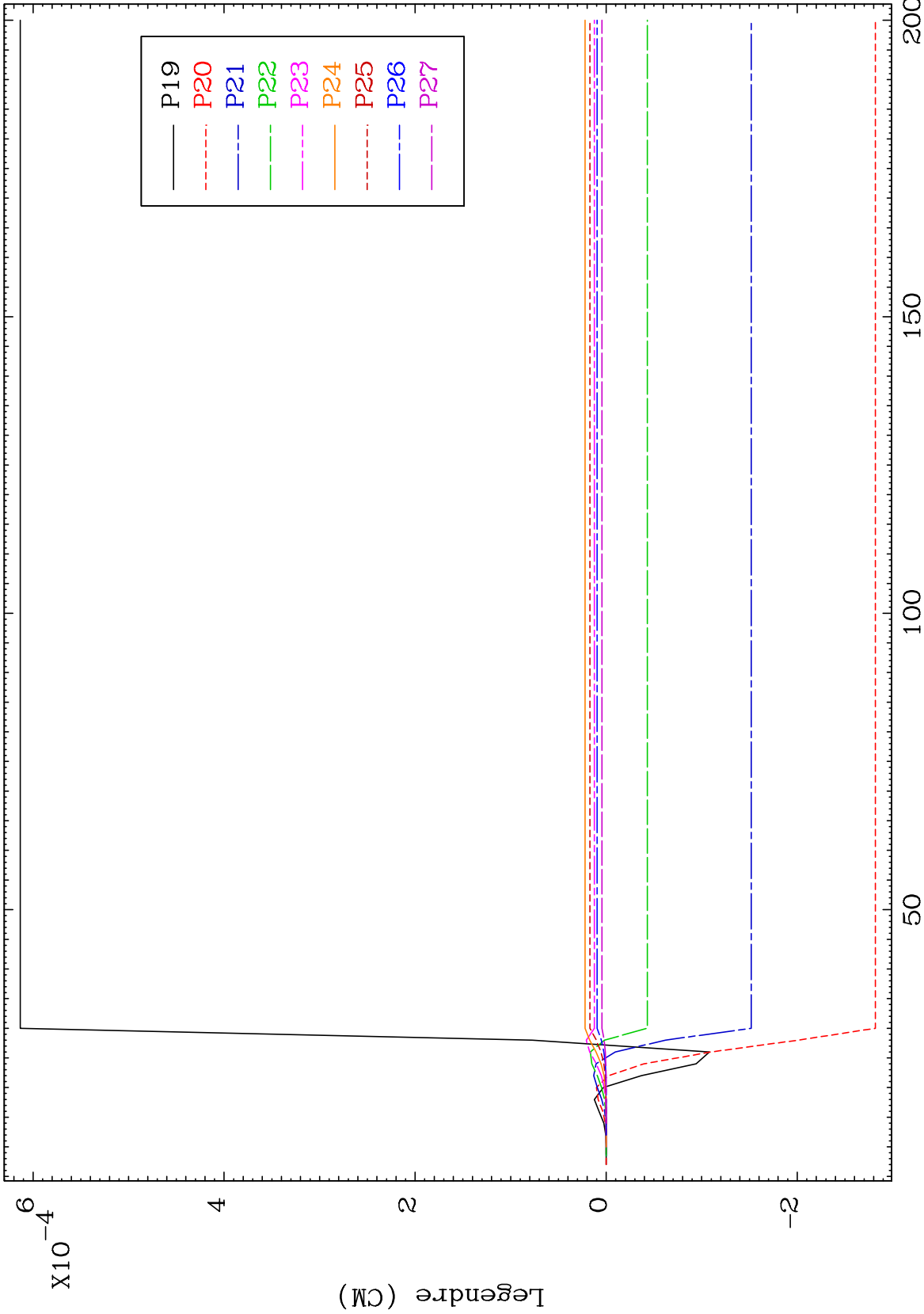
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

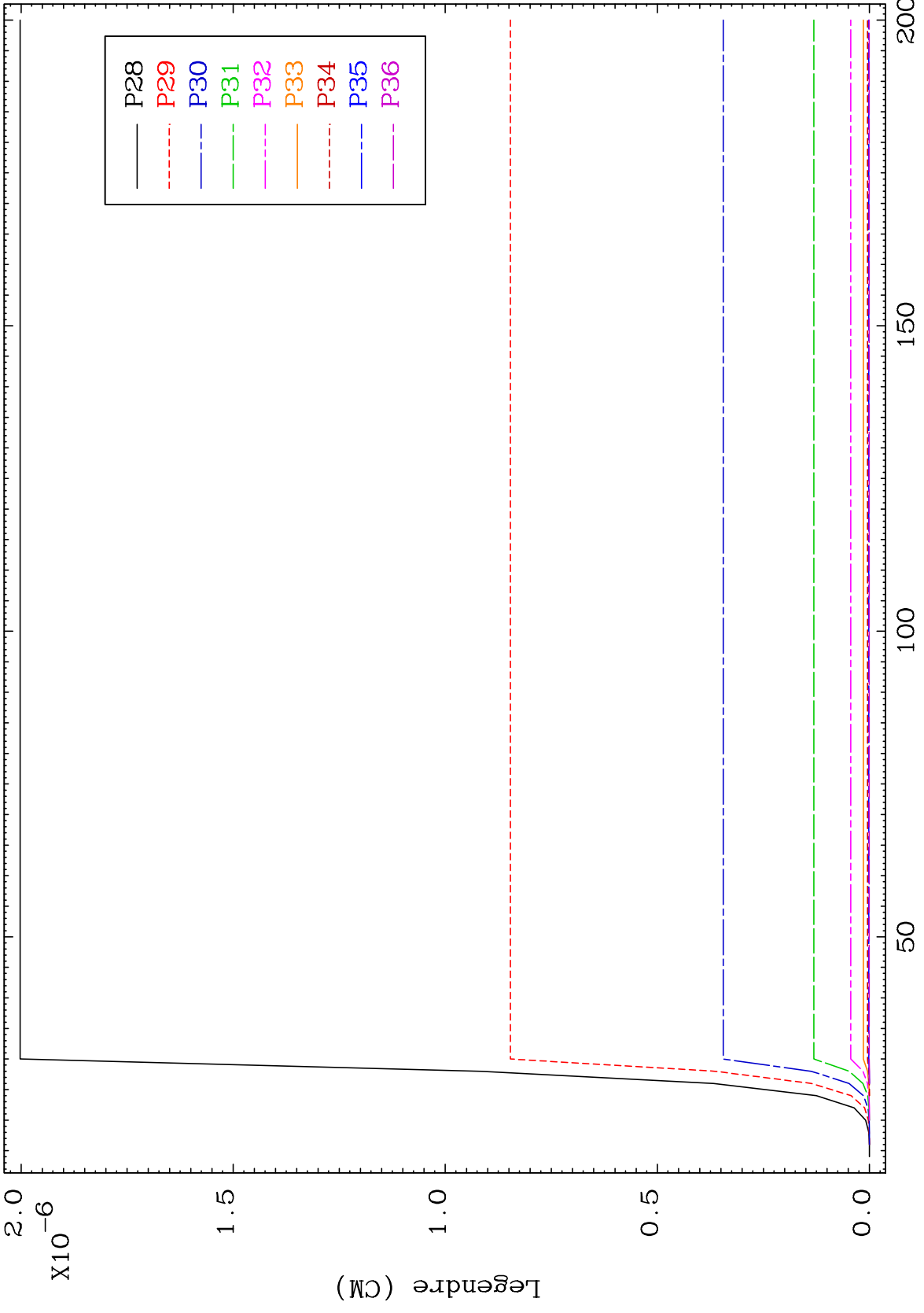


62

Incident Energy (MeV)

70-Yb-173

MAT 7040 MT= 62 (n,n') Level Legendre Coefficients 70-Yb-173

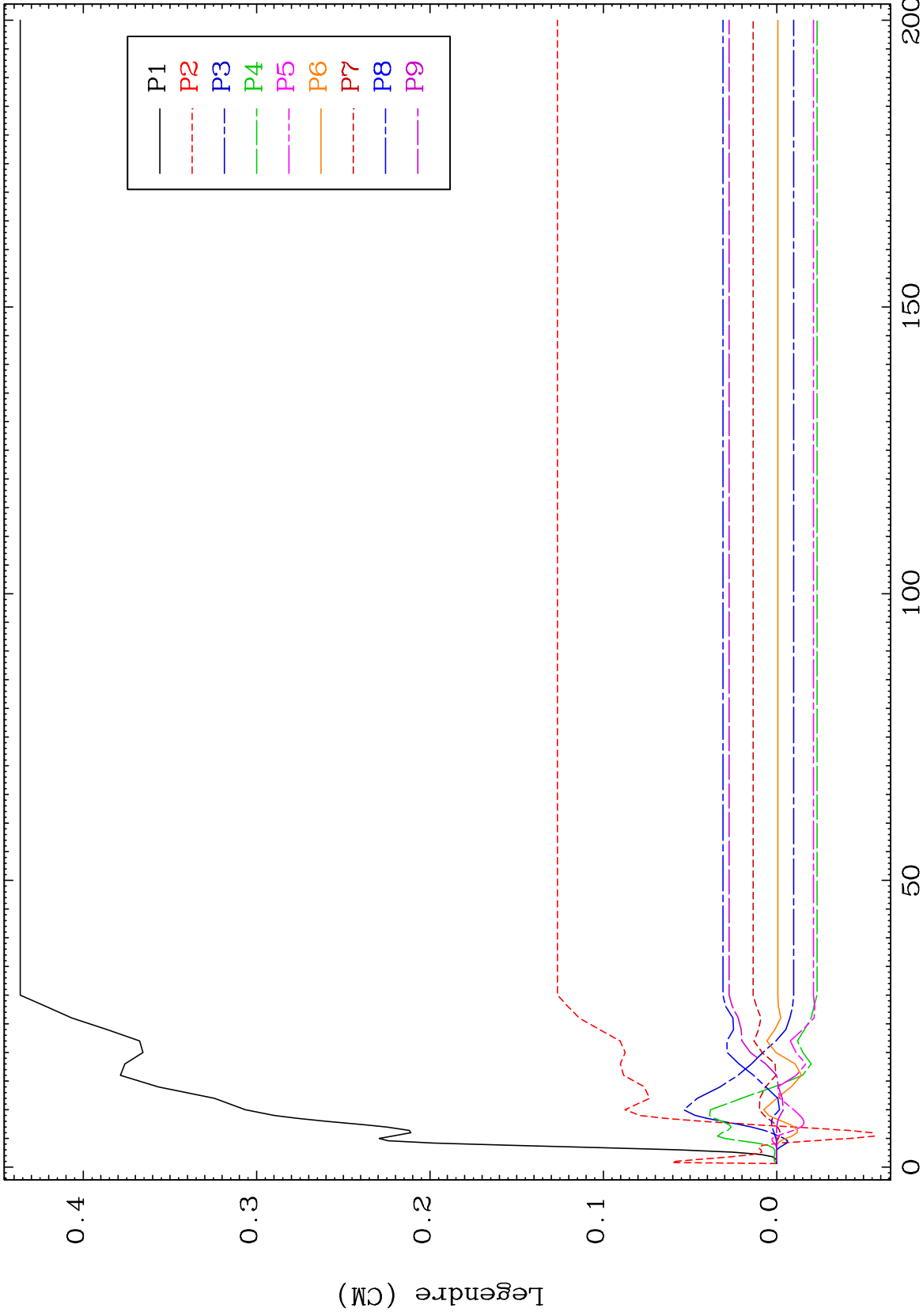


63 70-Yb-173

MAT 7040

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

70-Yb-173



64

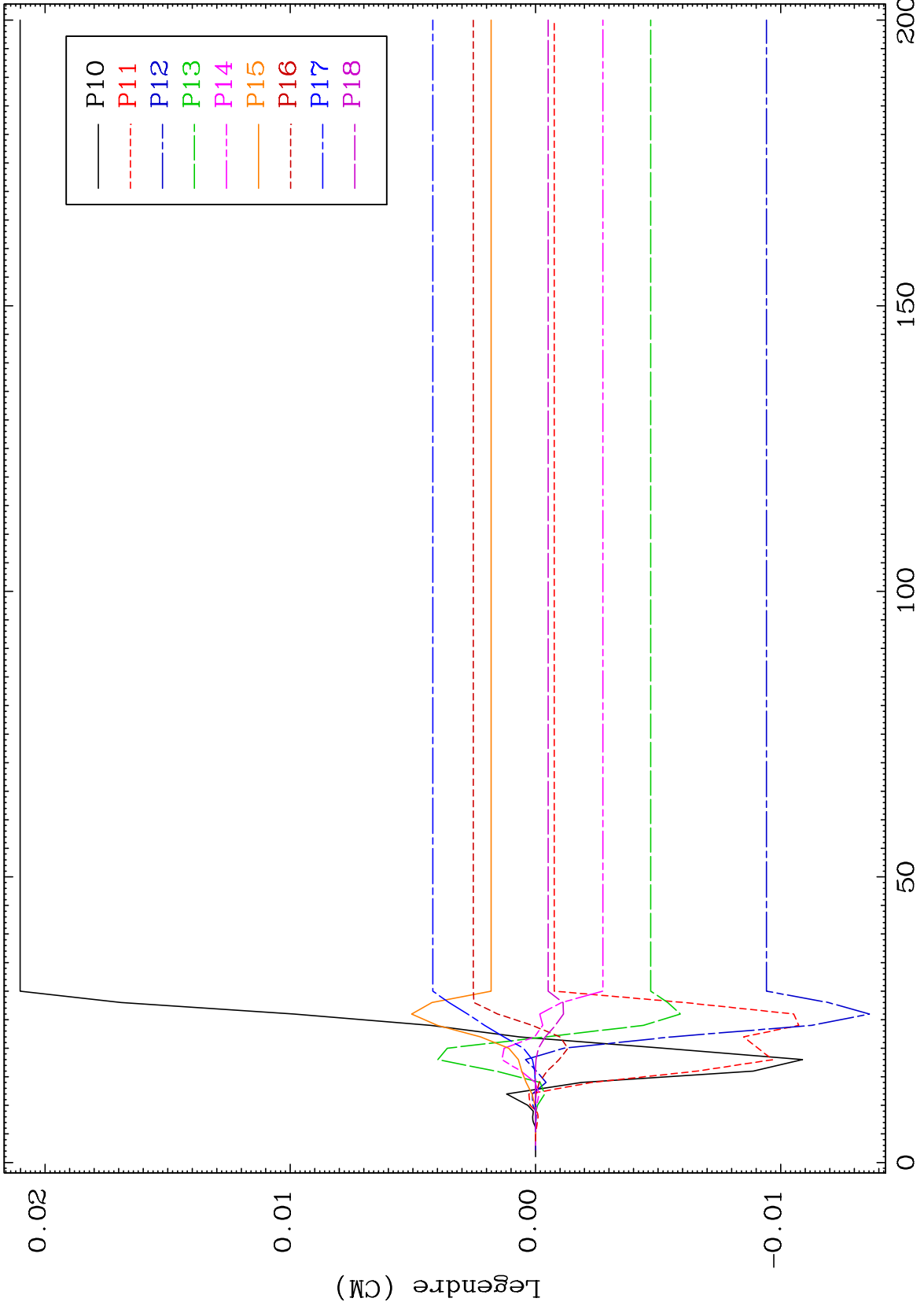
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



65

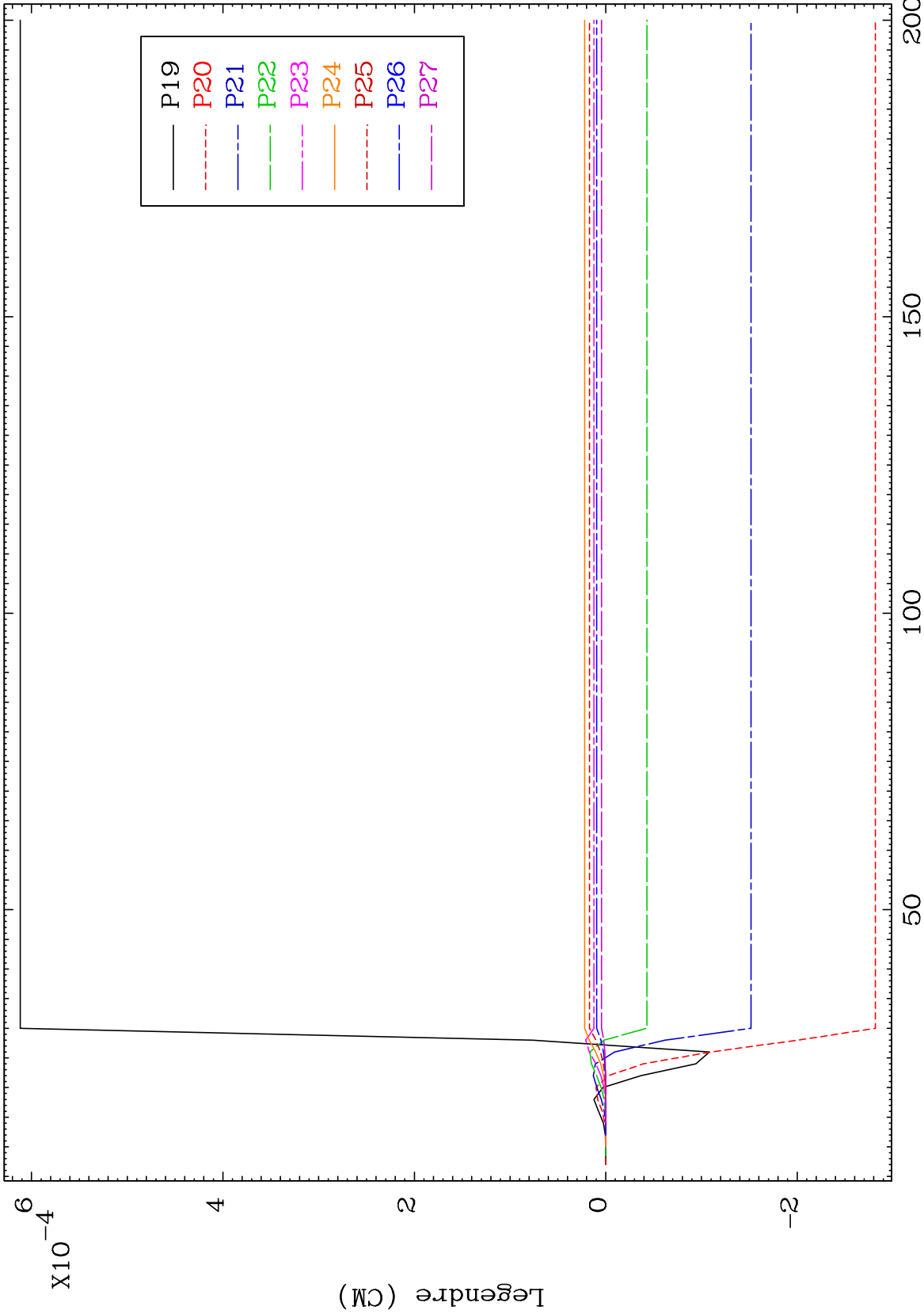
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



66

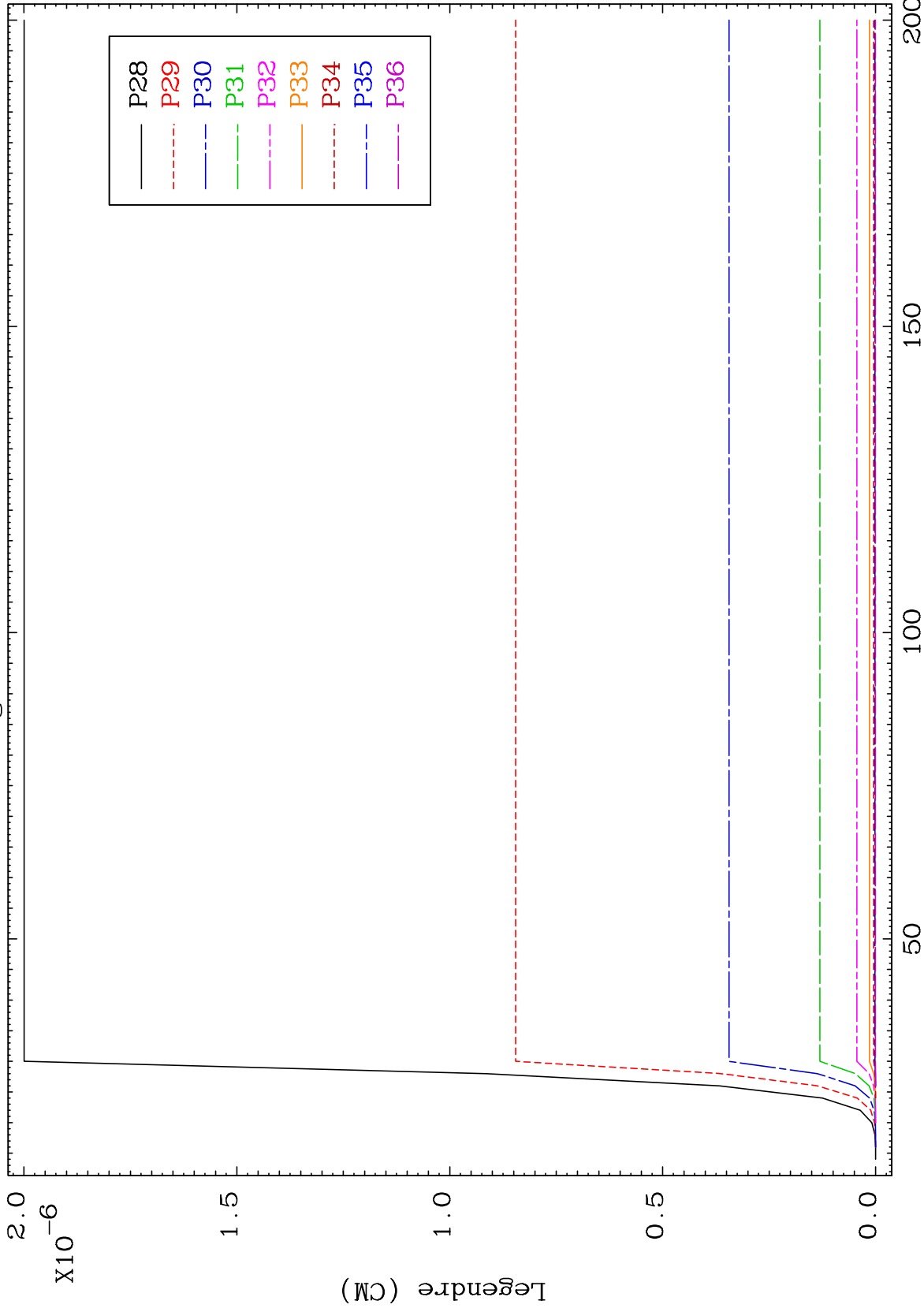
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



67

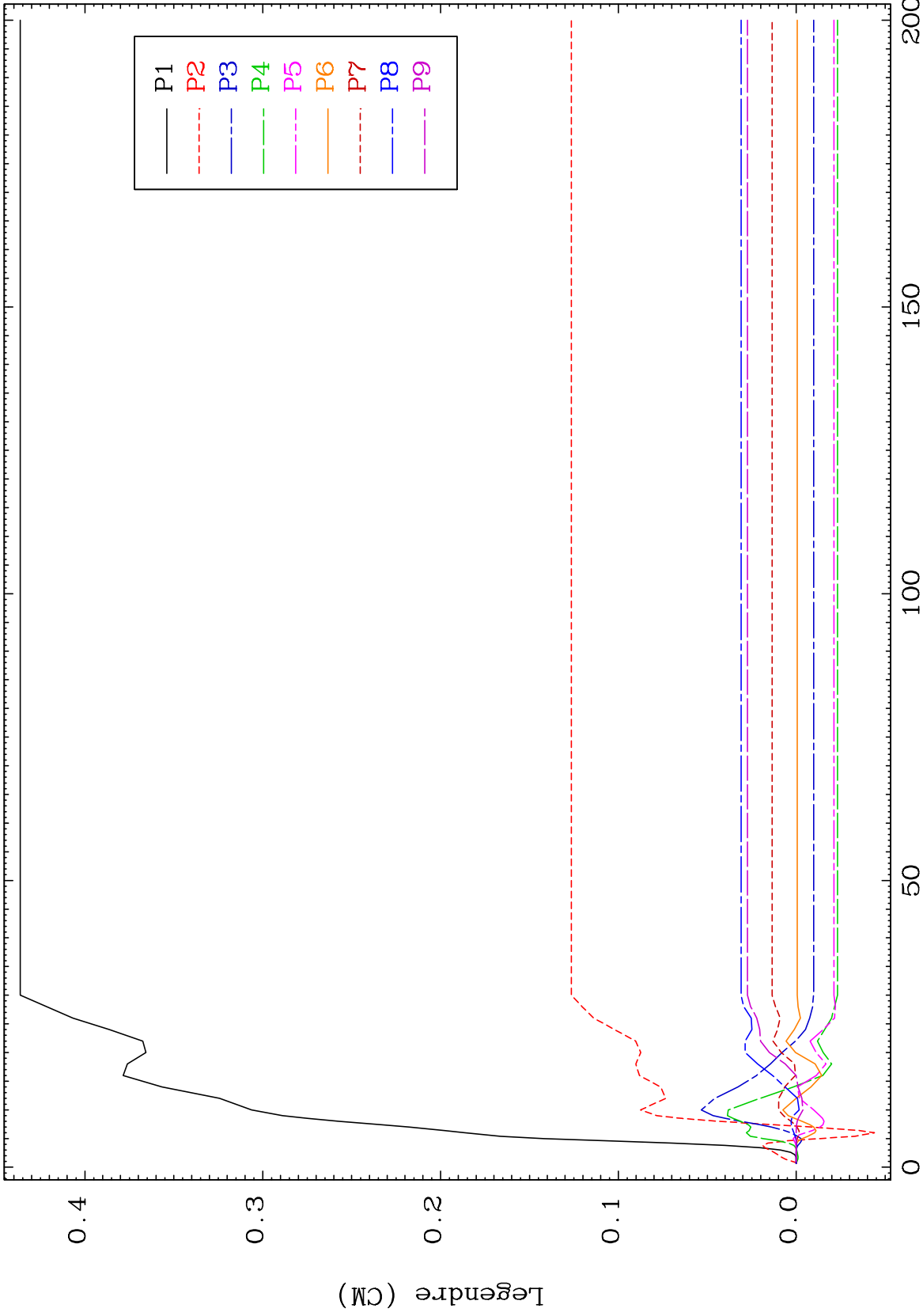
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



68

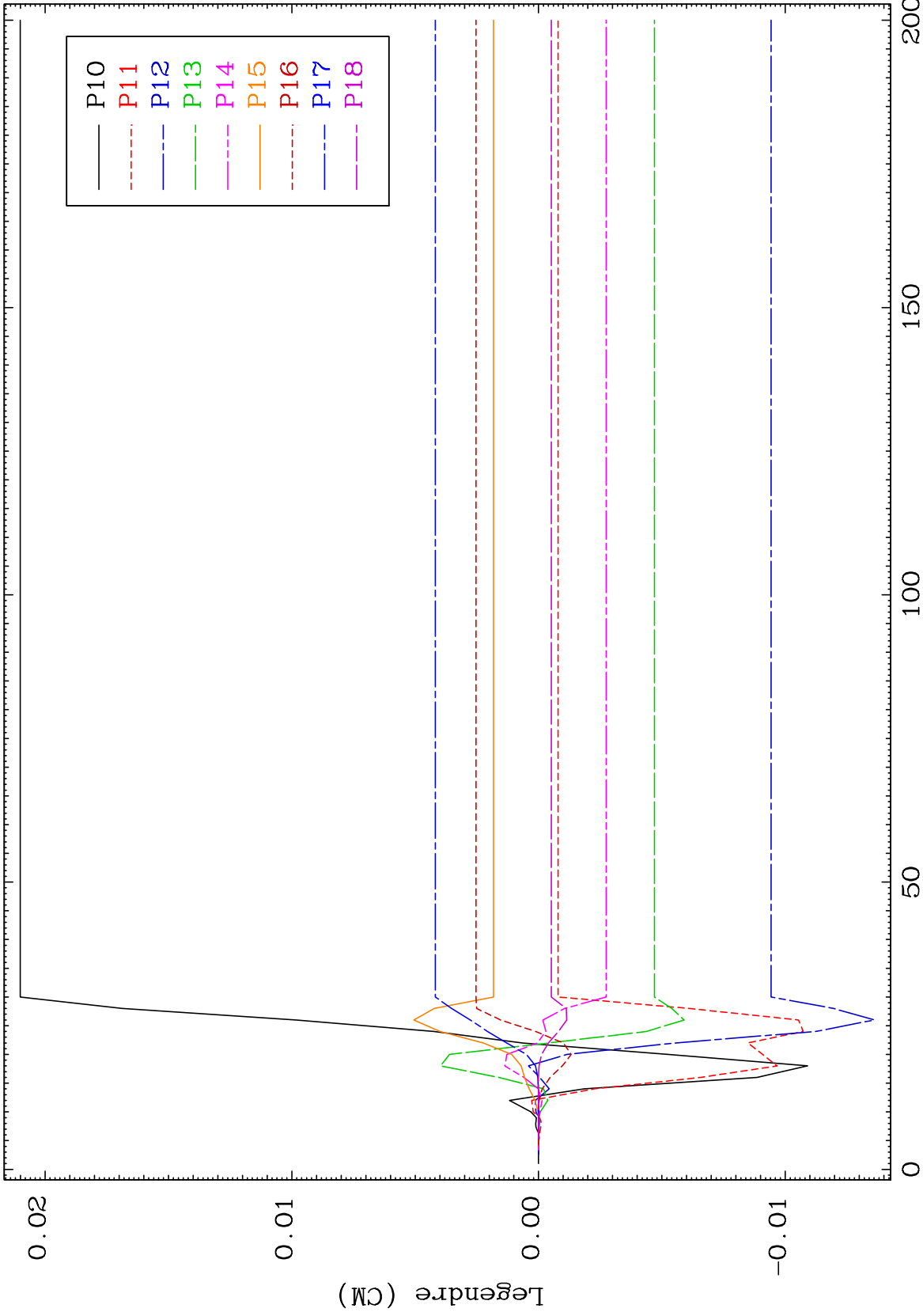
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



69

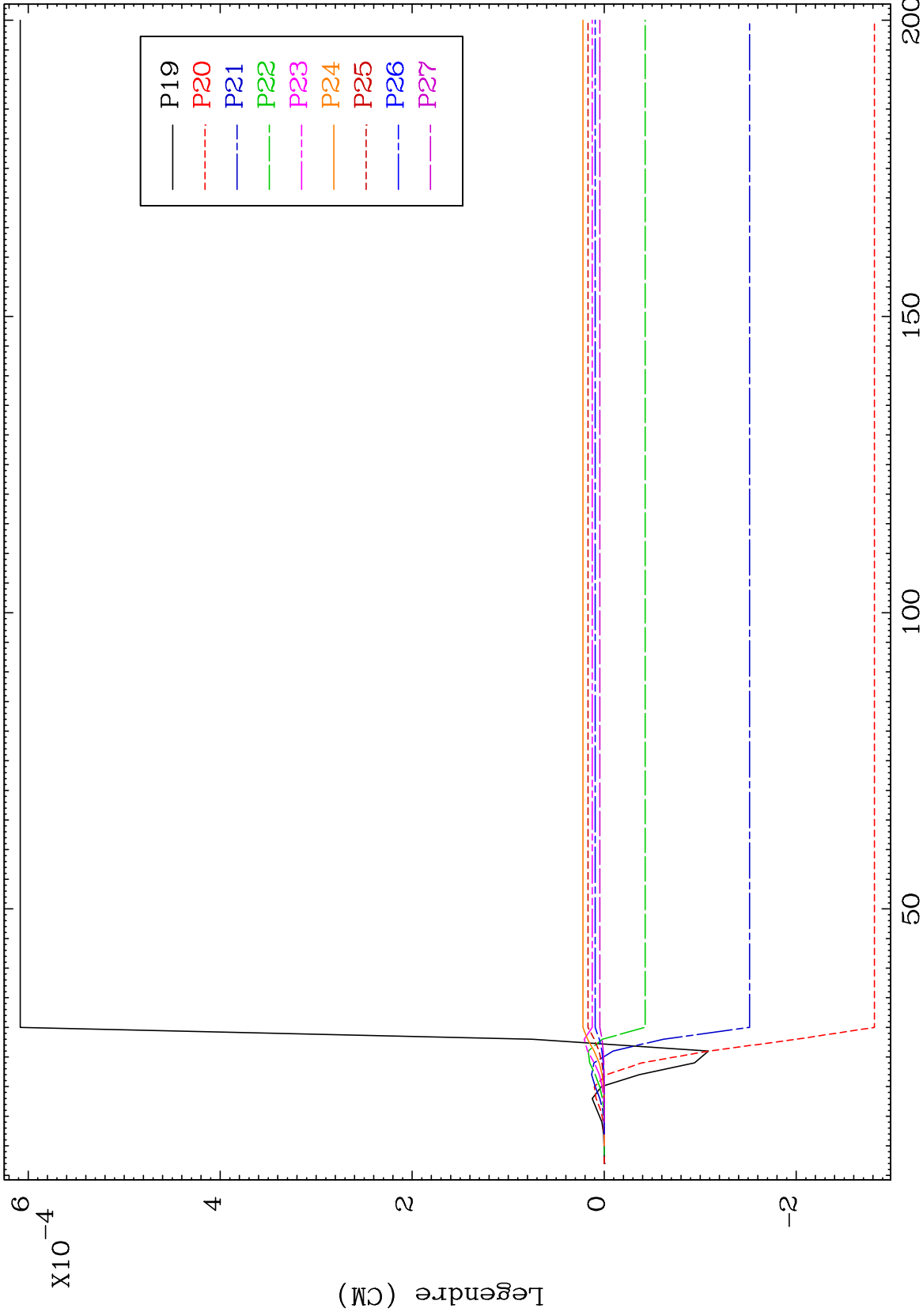
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

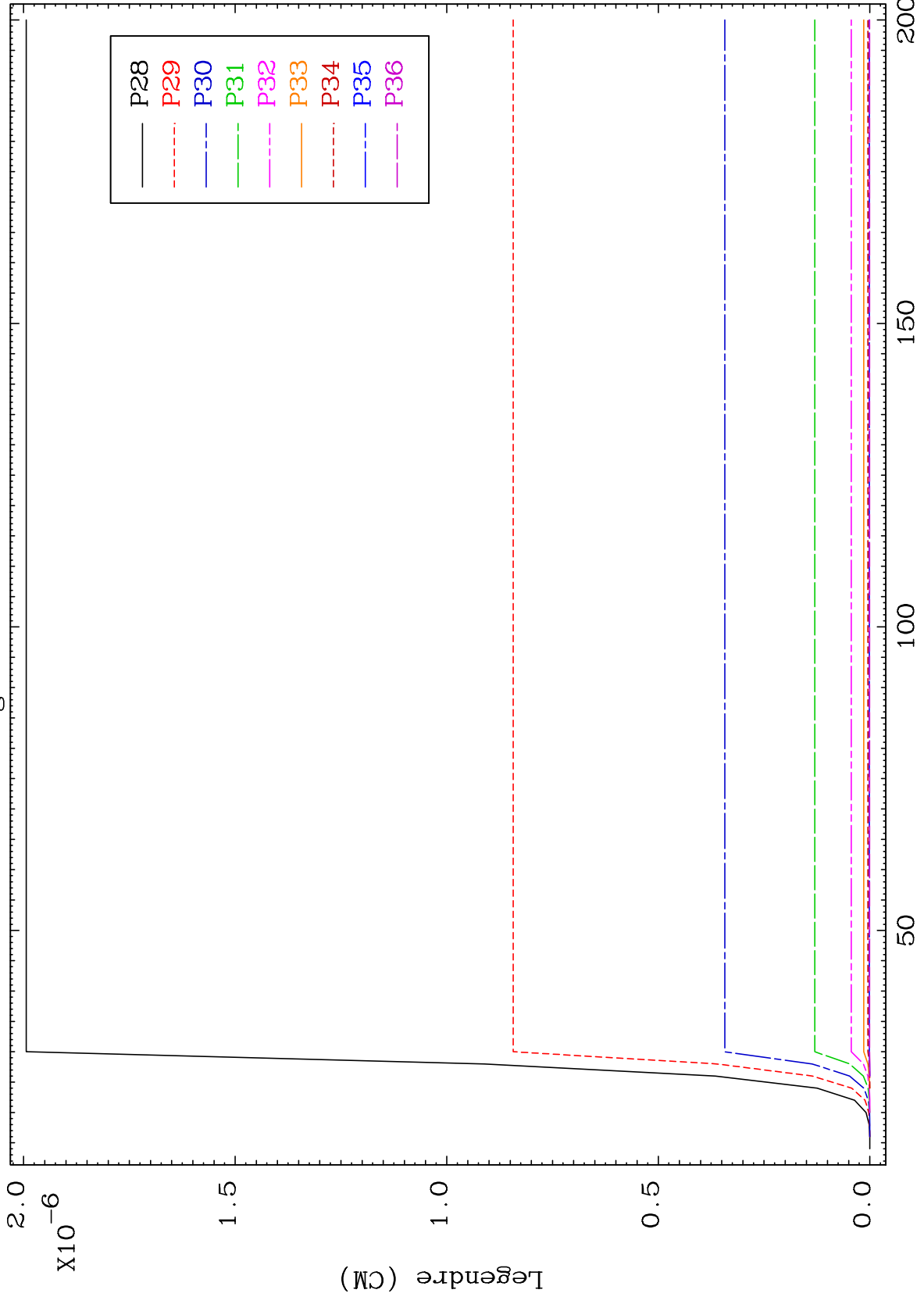


70

Incident Energy (MeV)

70-Yb-173

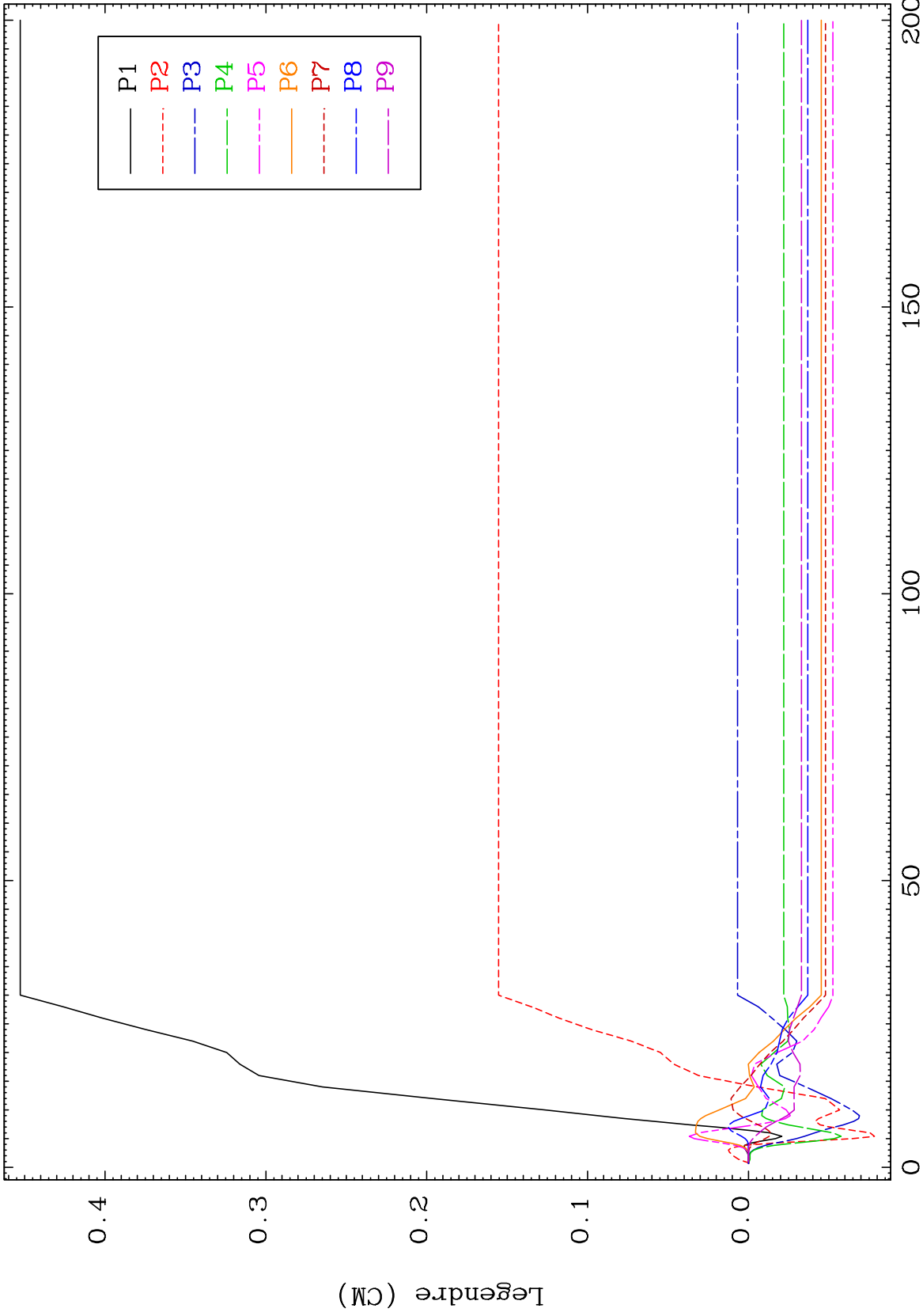
MAT 7040 MT= 64 (n,n') Level Legendre Coefficients 70-Yb-173



MAT 7040

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

70-Yb-173



72

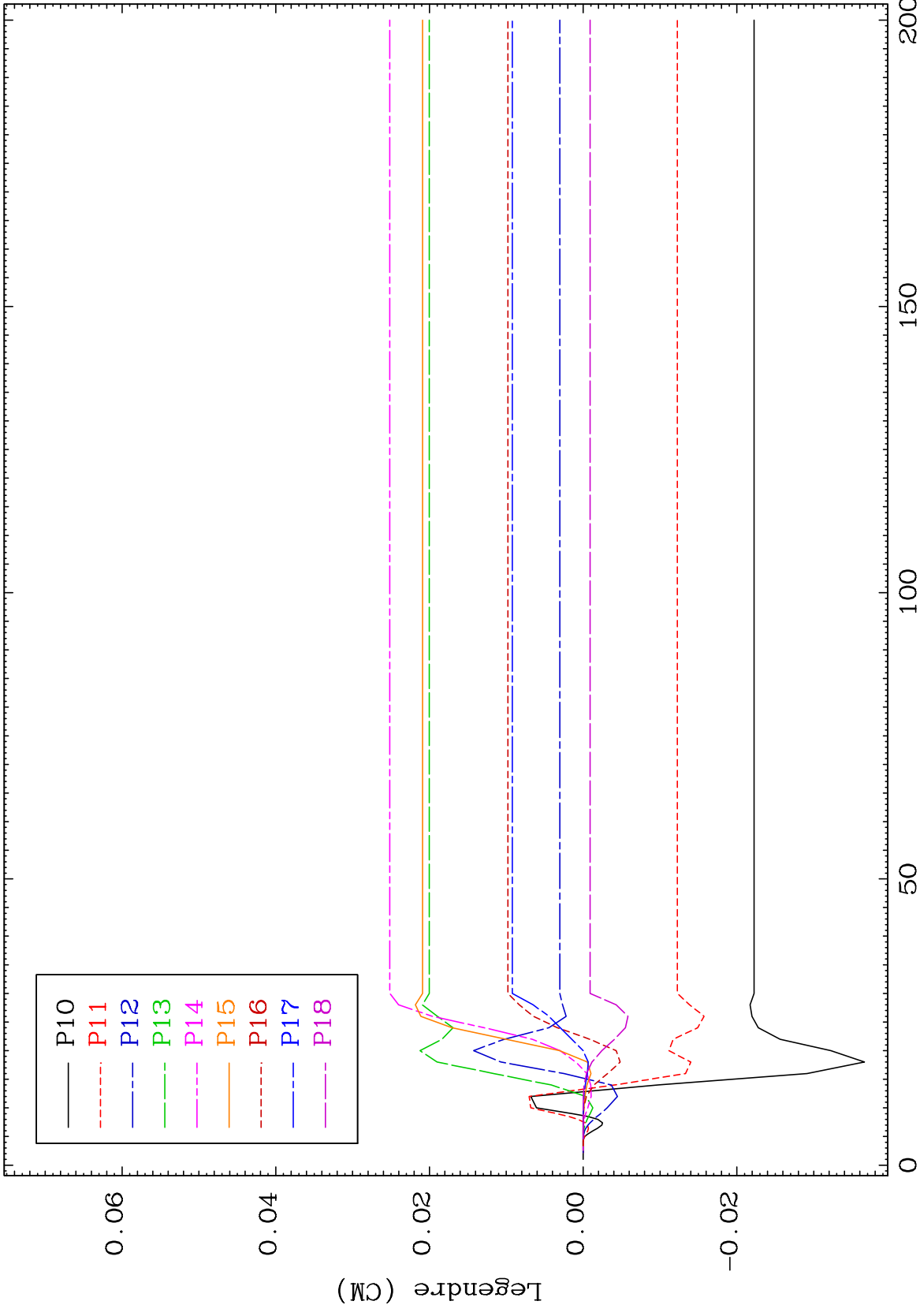
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



73

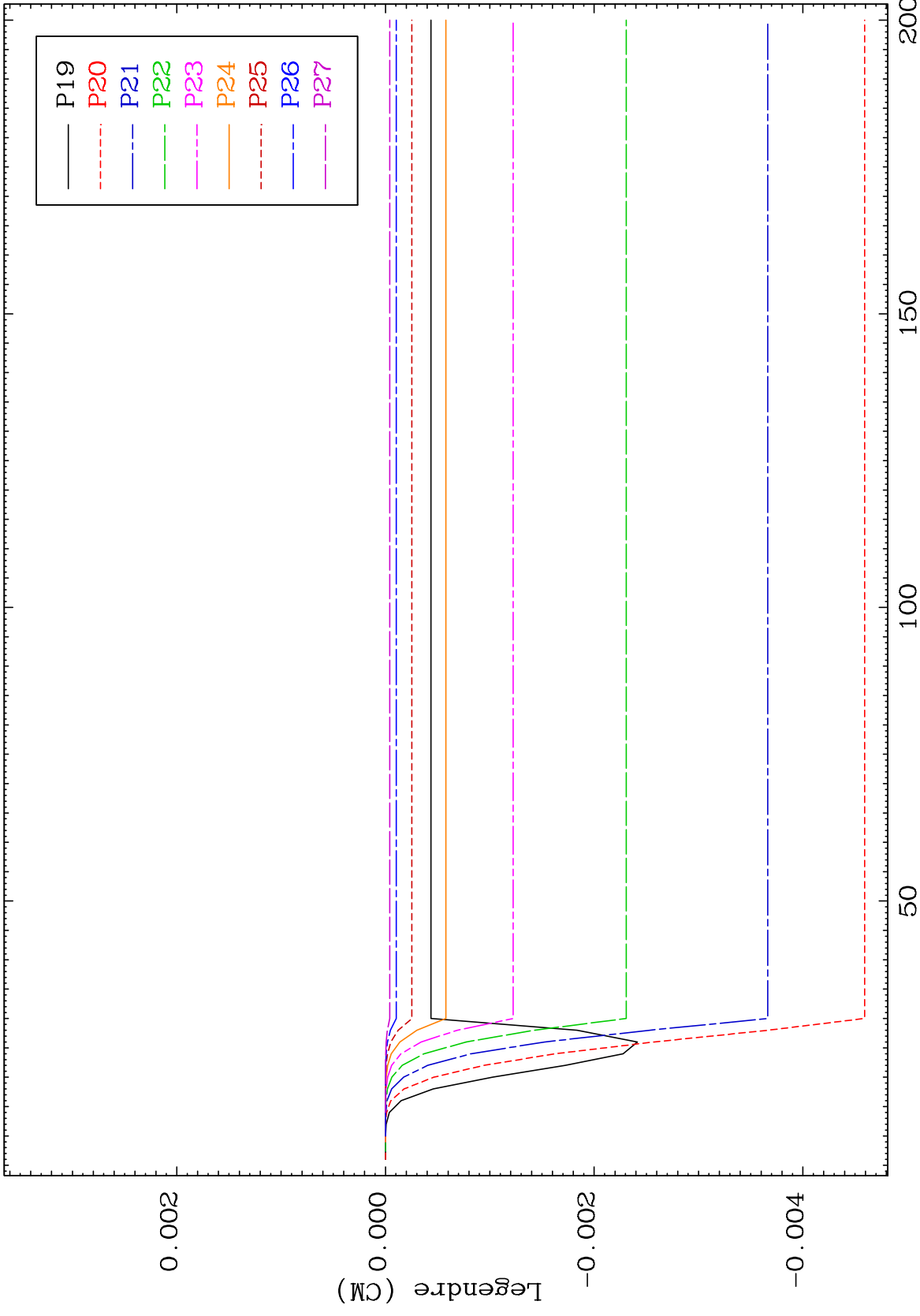
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

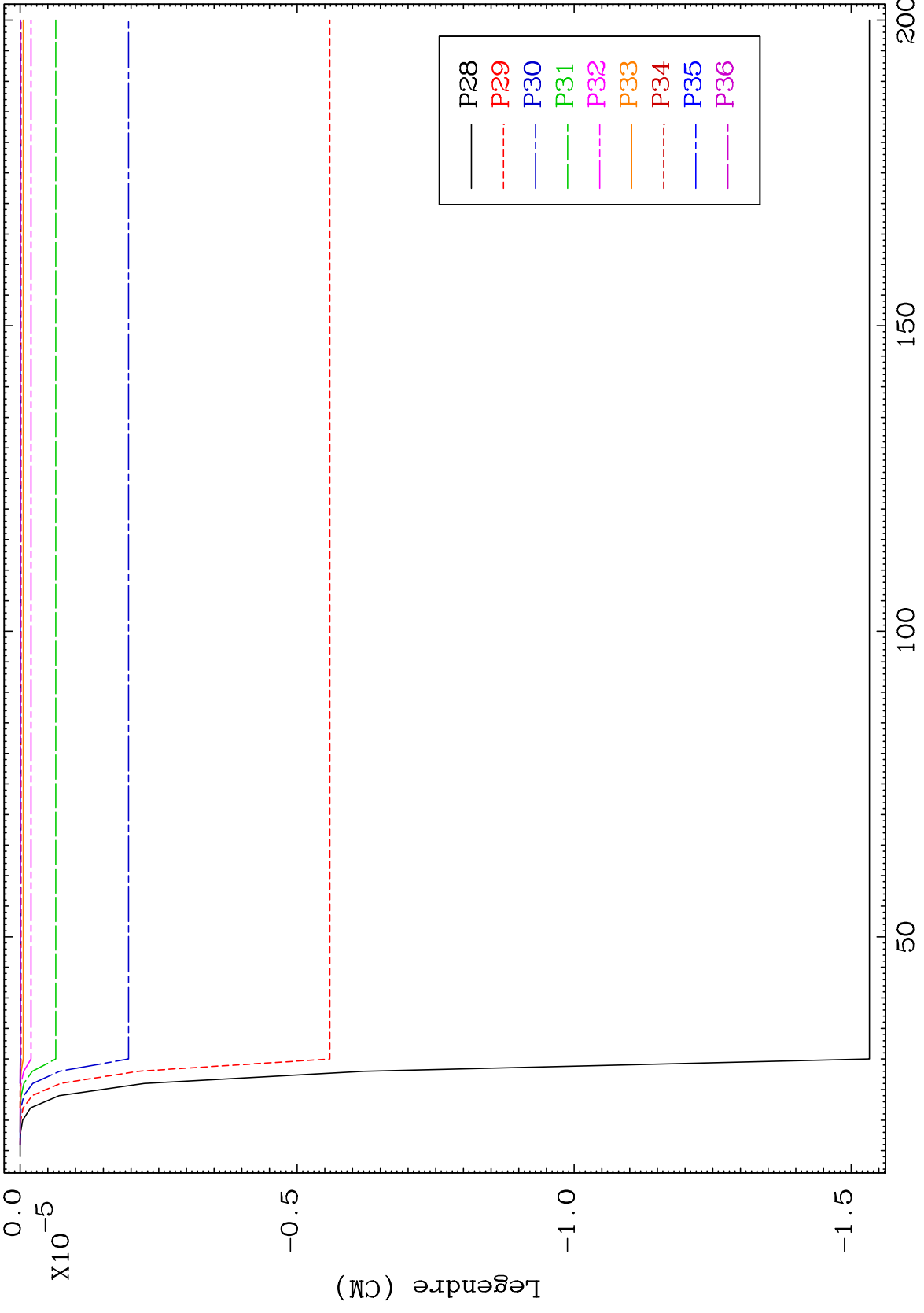


74

Incident Energy (MeV)

70-Yb-173

MAT 7040 MT= 65 (n,n') Level Legendre Coefficients 70-Yb-173

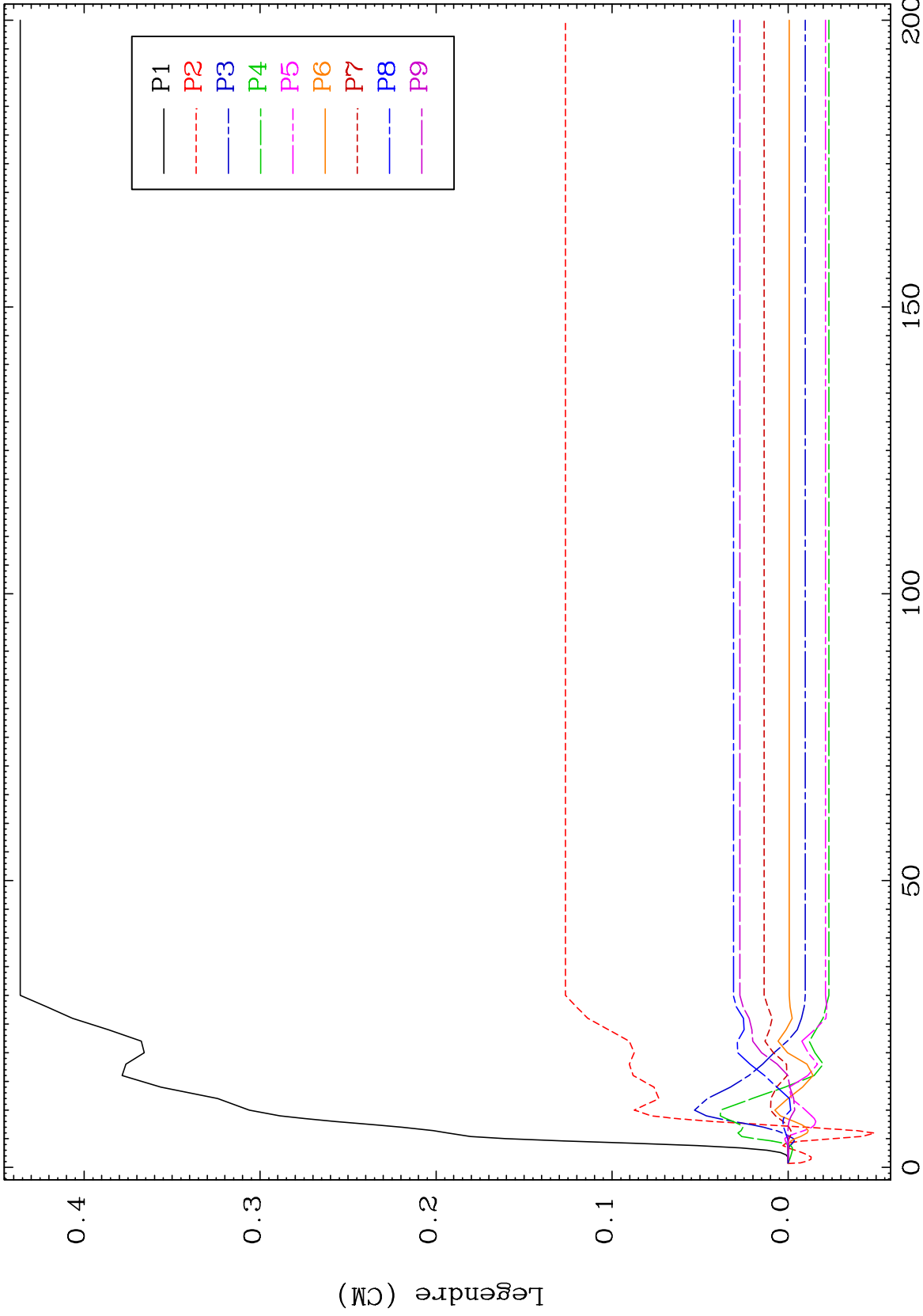


75 Incident Energy (MeV) 70-Yb-173

MAT 7040

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

70-Yb-173



76

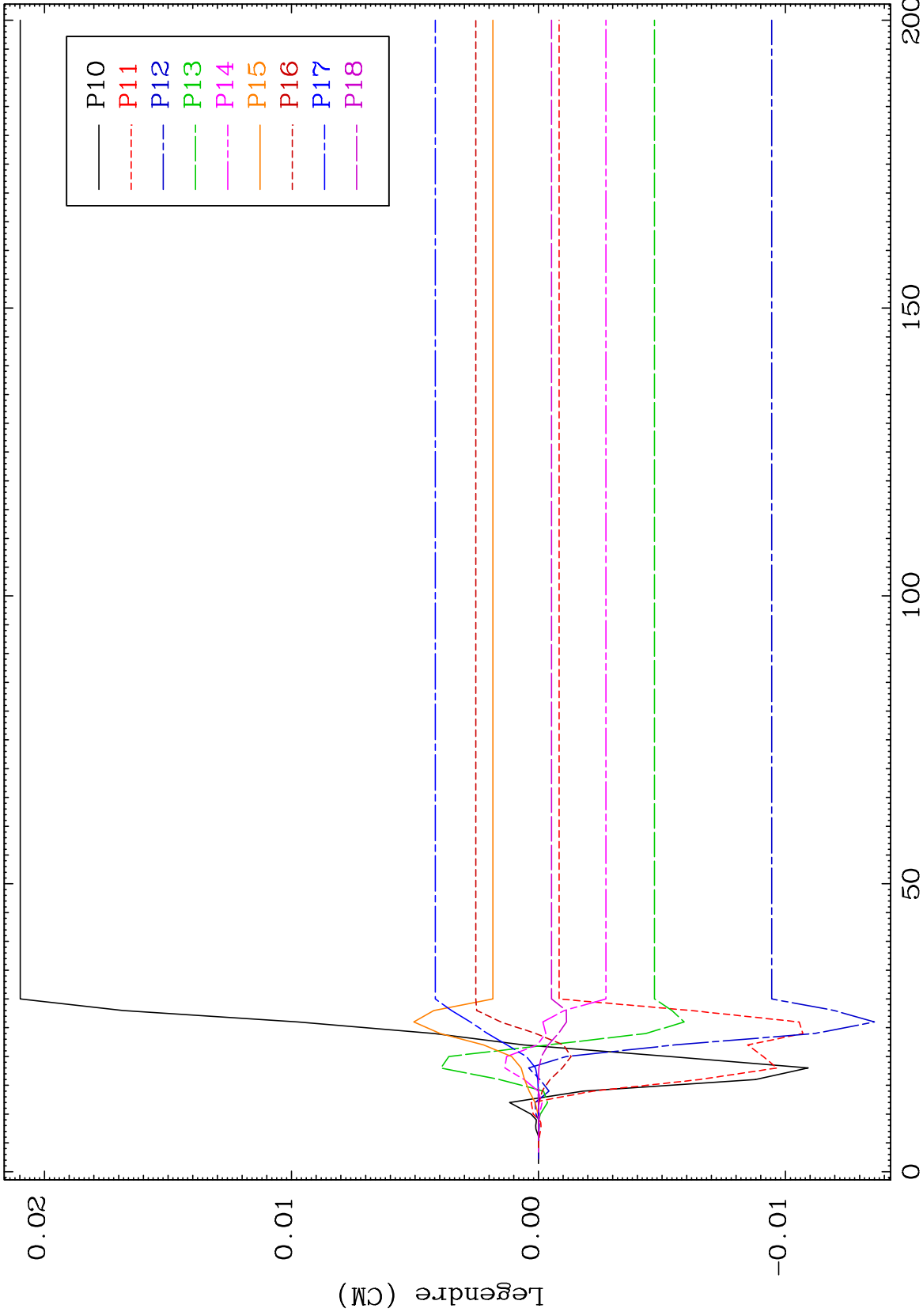
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



77

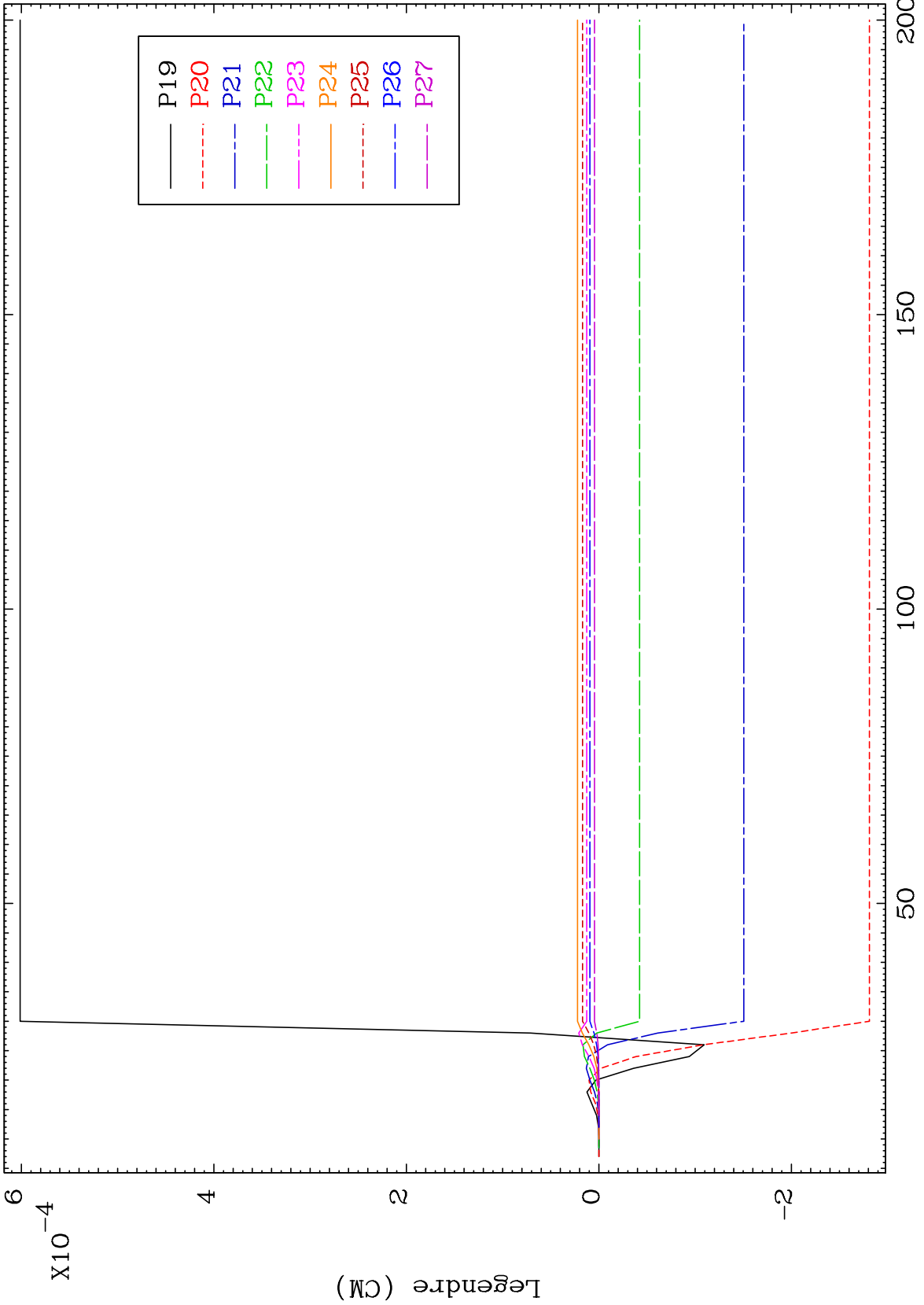
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

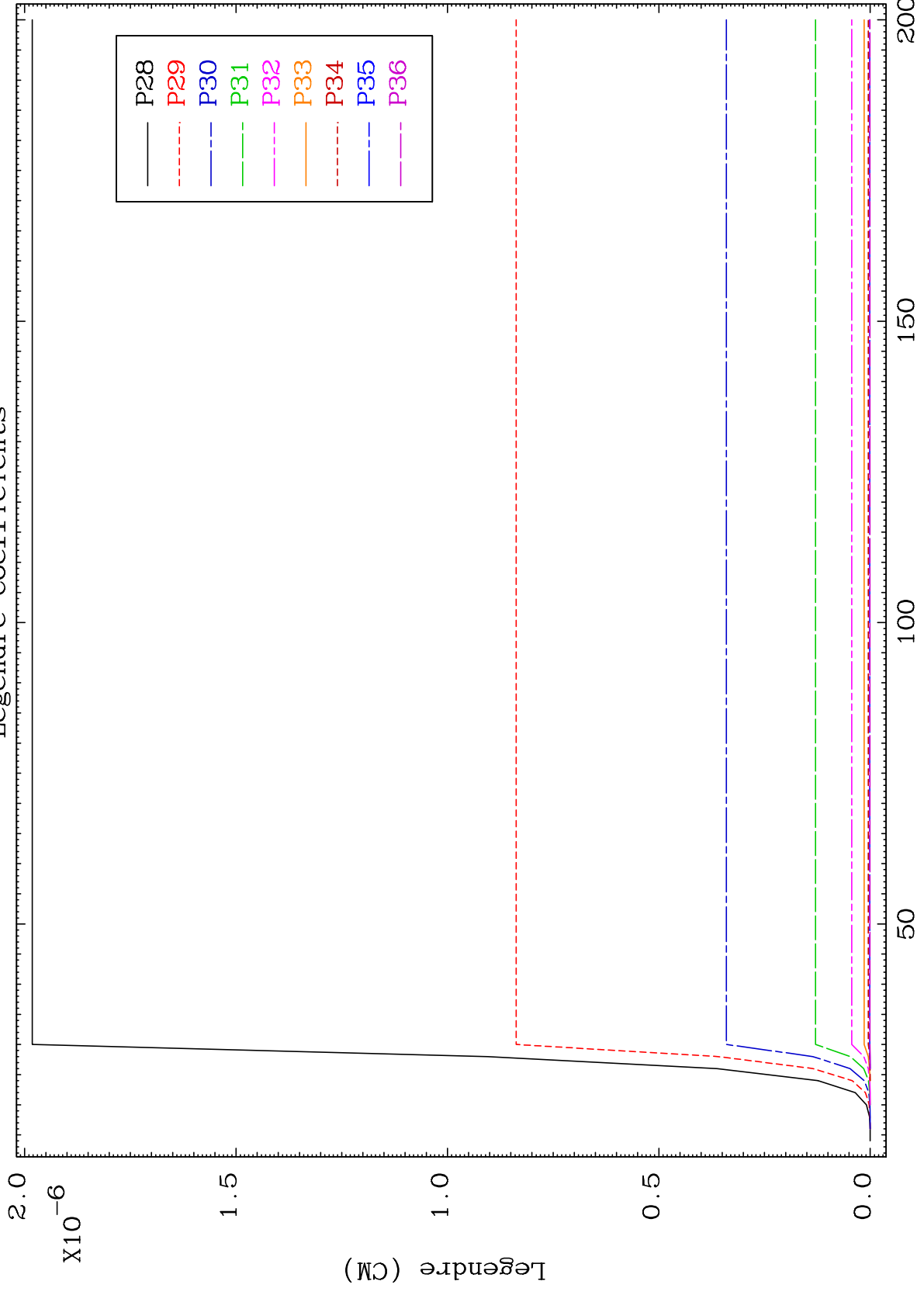


78

Incident Energy (MeV)

70-Yb-173

MAT 7040 MT= 66 (n,n') Level Legendre Coefficients 70-Yb-173

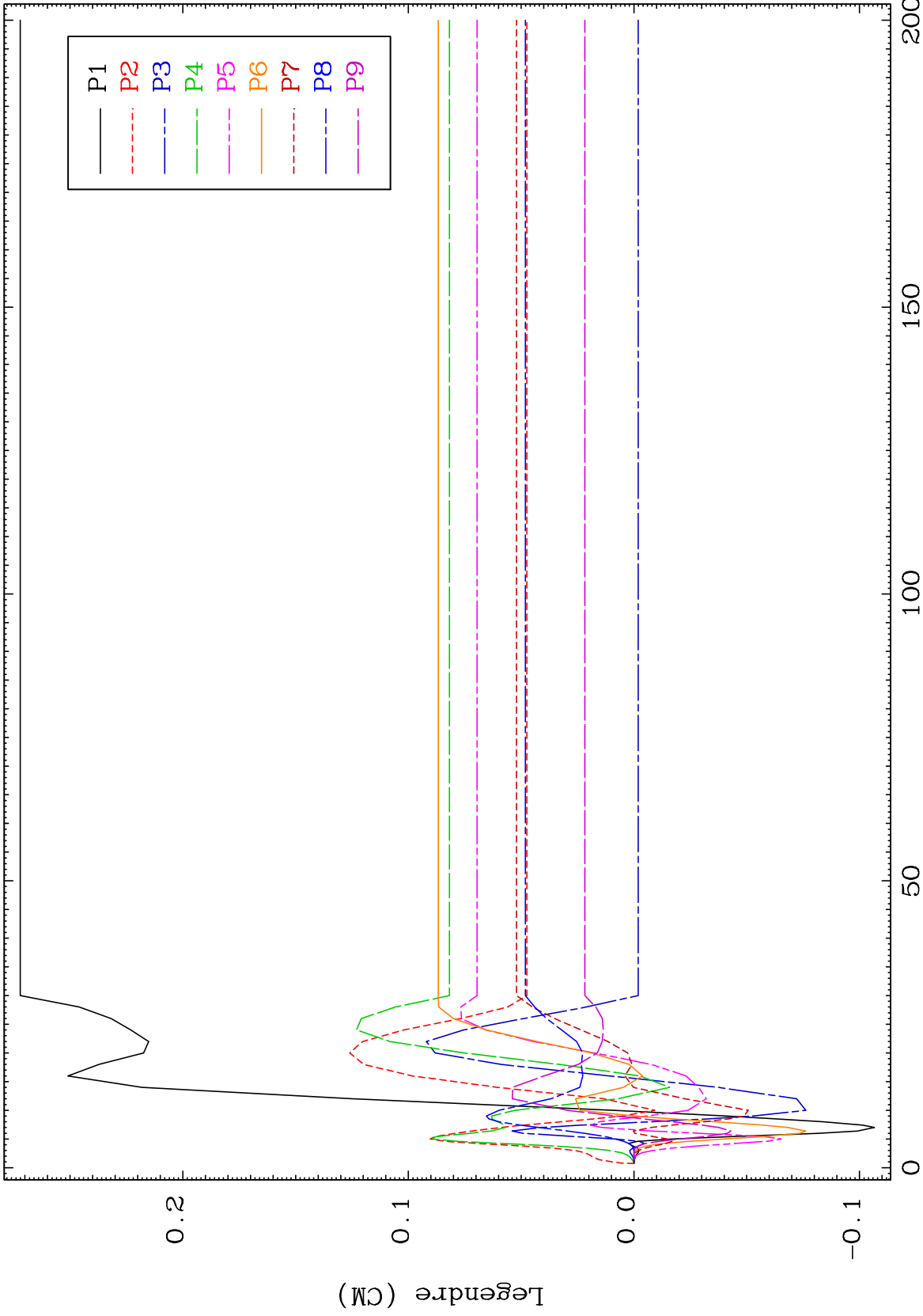


79 70-Yb-173

MAT 7040

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

70-Yb-173



70-Yb-173

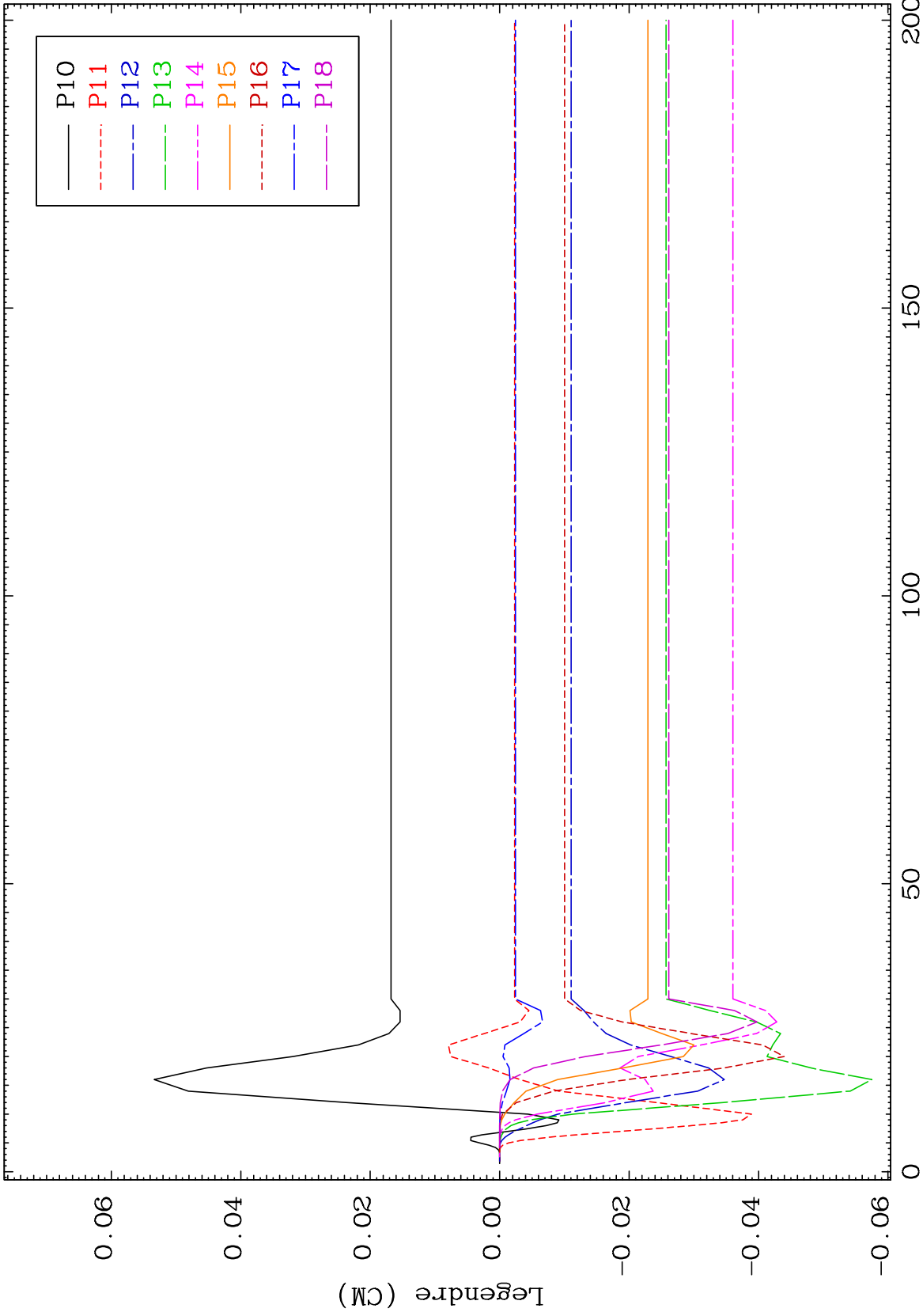
Incident Energy (MeV)

80

MAT 7040

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

70-Yb-173



81

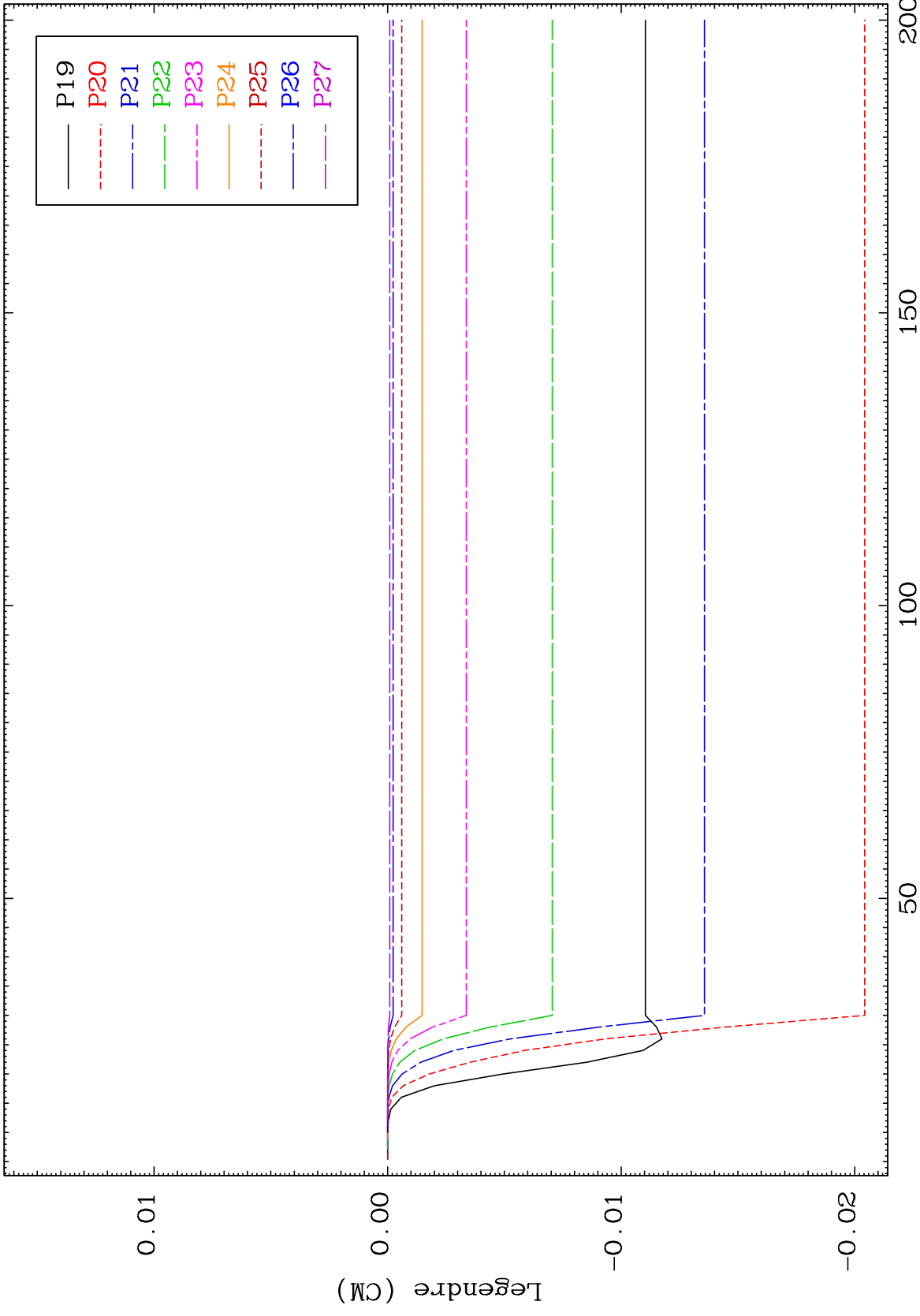
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

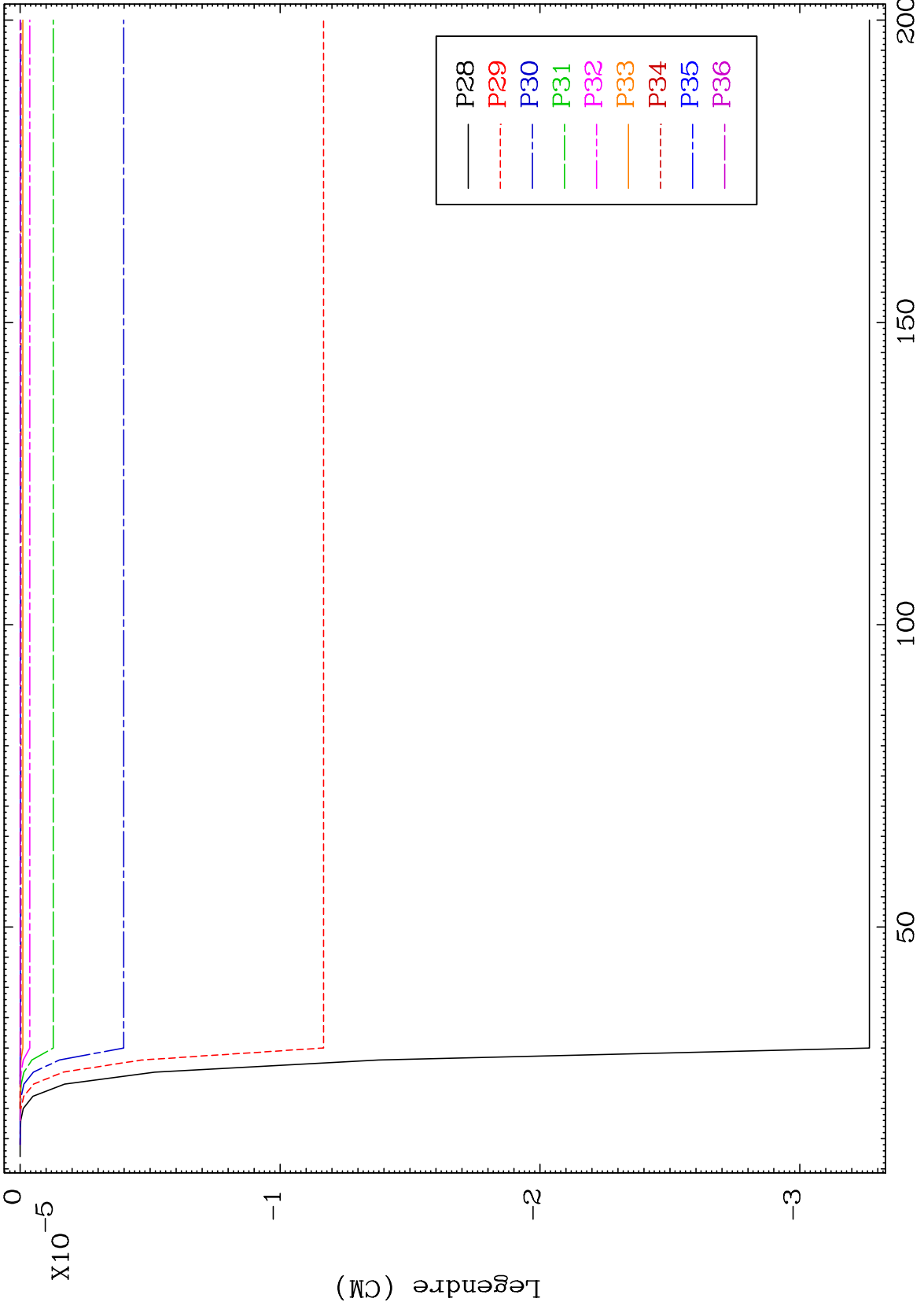


82

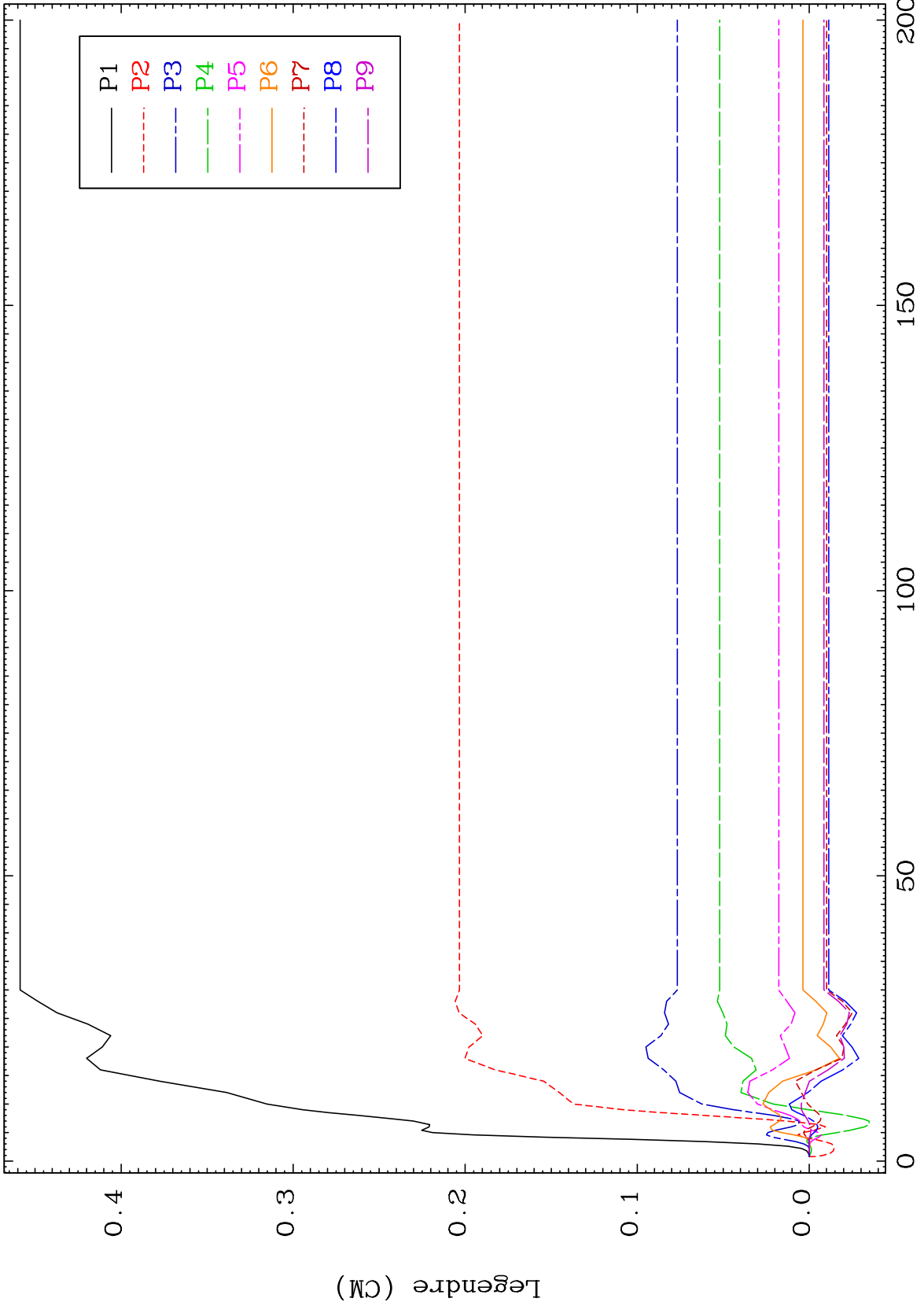
Incident Energy (MeV)

70-Yb-173

MAT 7040 MT= 67 (n, n') Level Legendre Coefficients 70-Yb-173



MAT 7040 MT= 68 (n,n') Level Legendre Coefficients 70-Yb-173

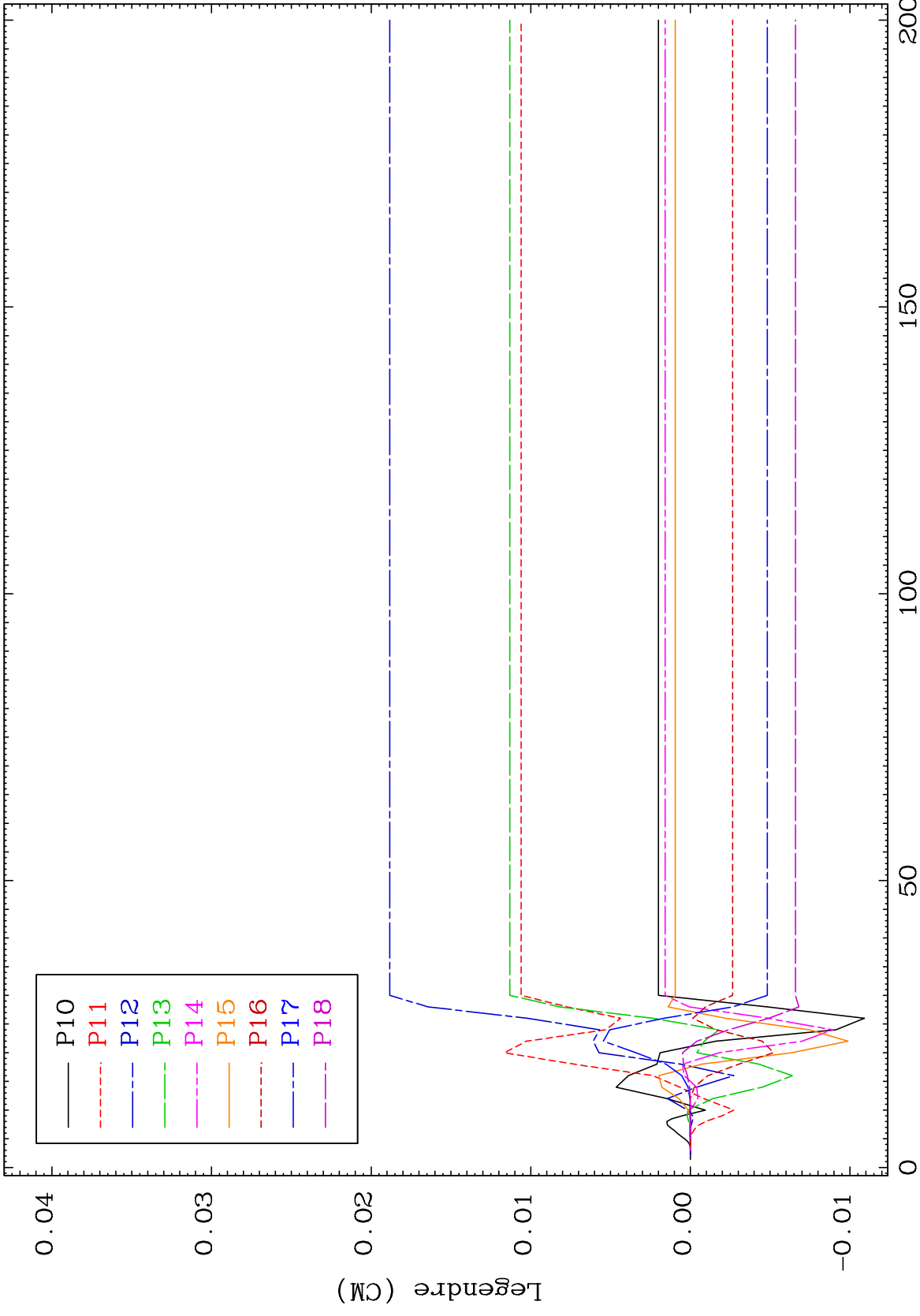


84 70-Yb-173

MAT 7040

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

70-Yb-173

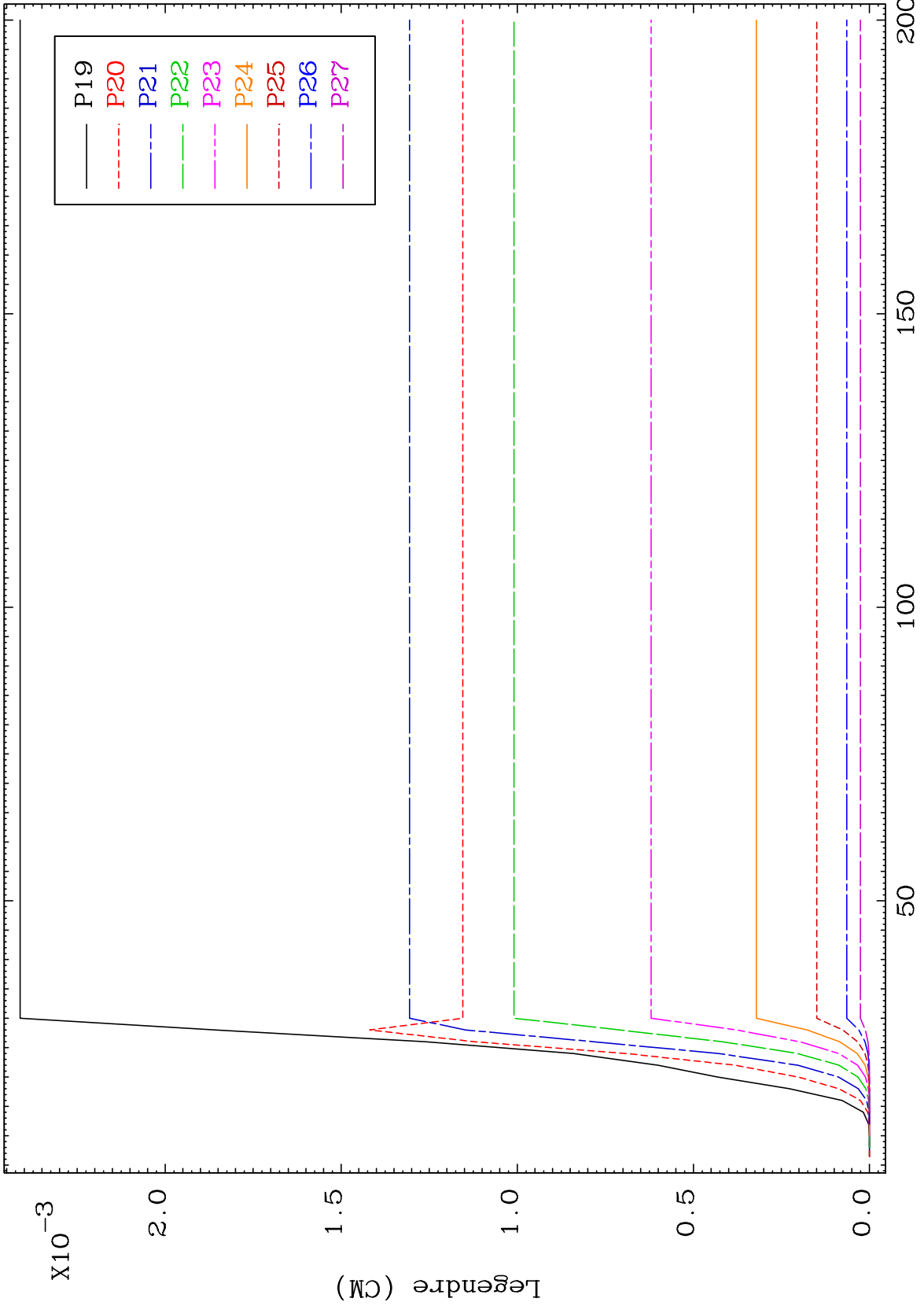


85

Incident Energy (MeV)

70-Yb-173

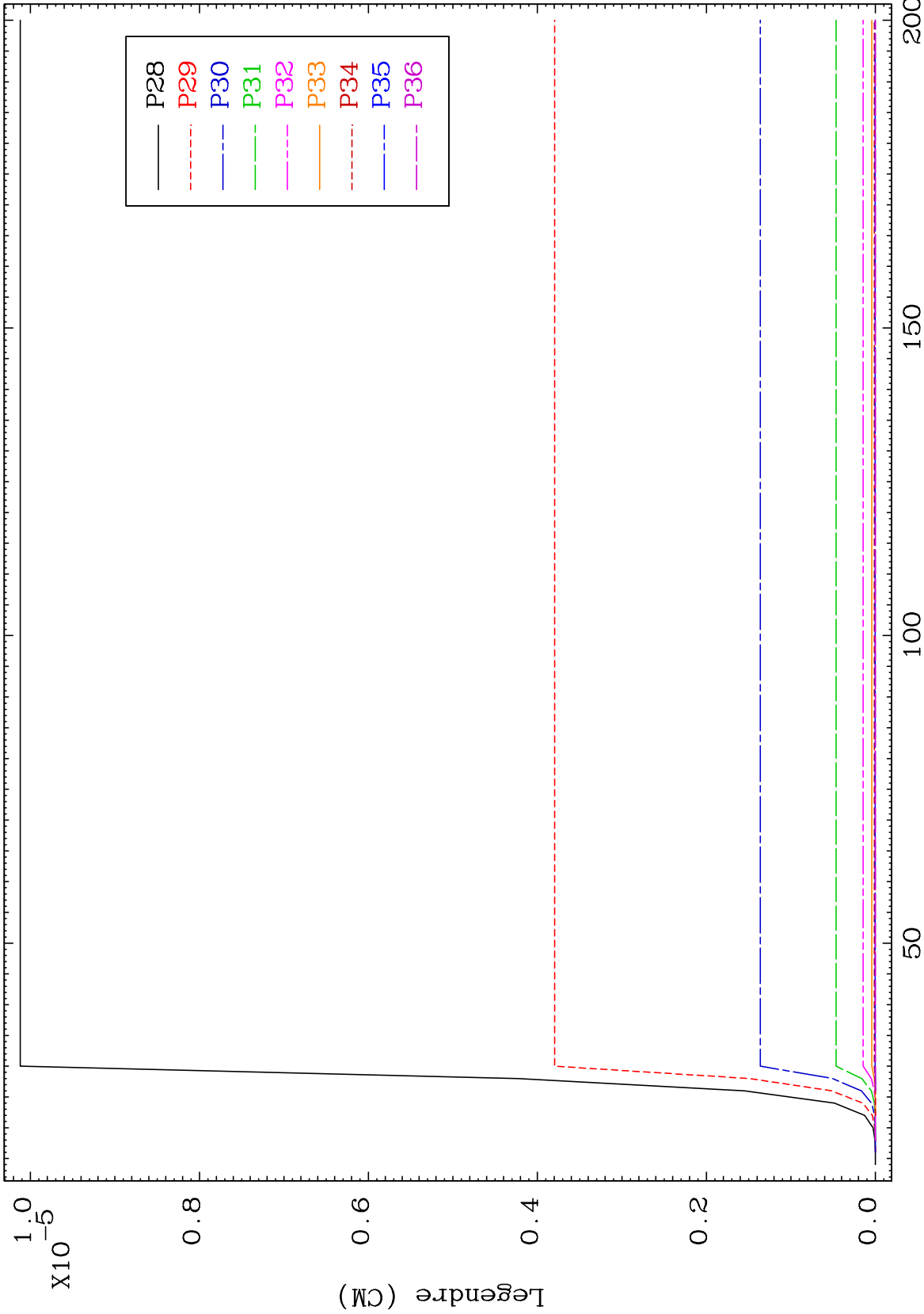
MAT 7040 MT= 68 (n,n') Level Legendre Coefficients 70-Yb-173



MAT 7040

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

70-Yb-173



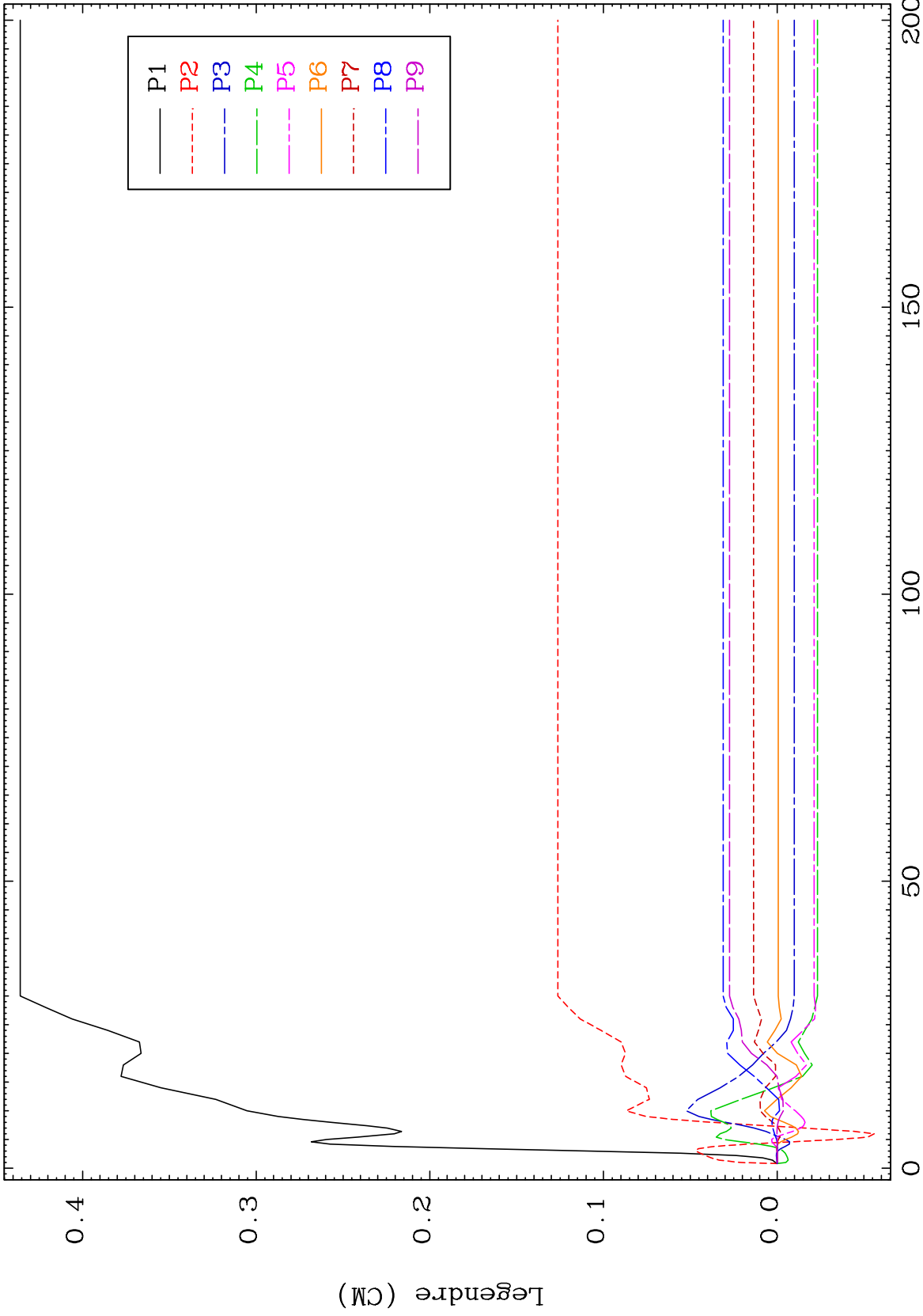
87

70-Yb-173

MAT 7040

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

70-Yb-173



88

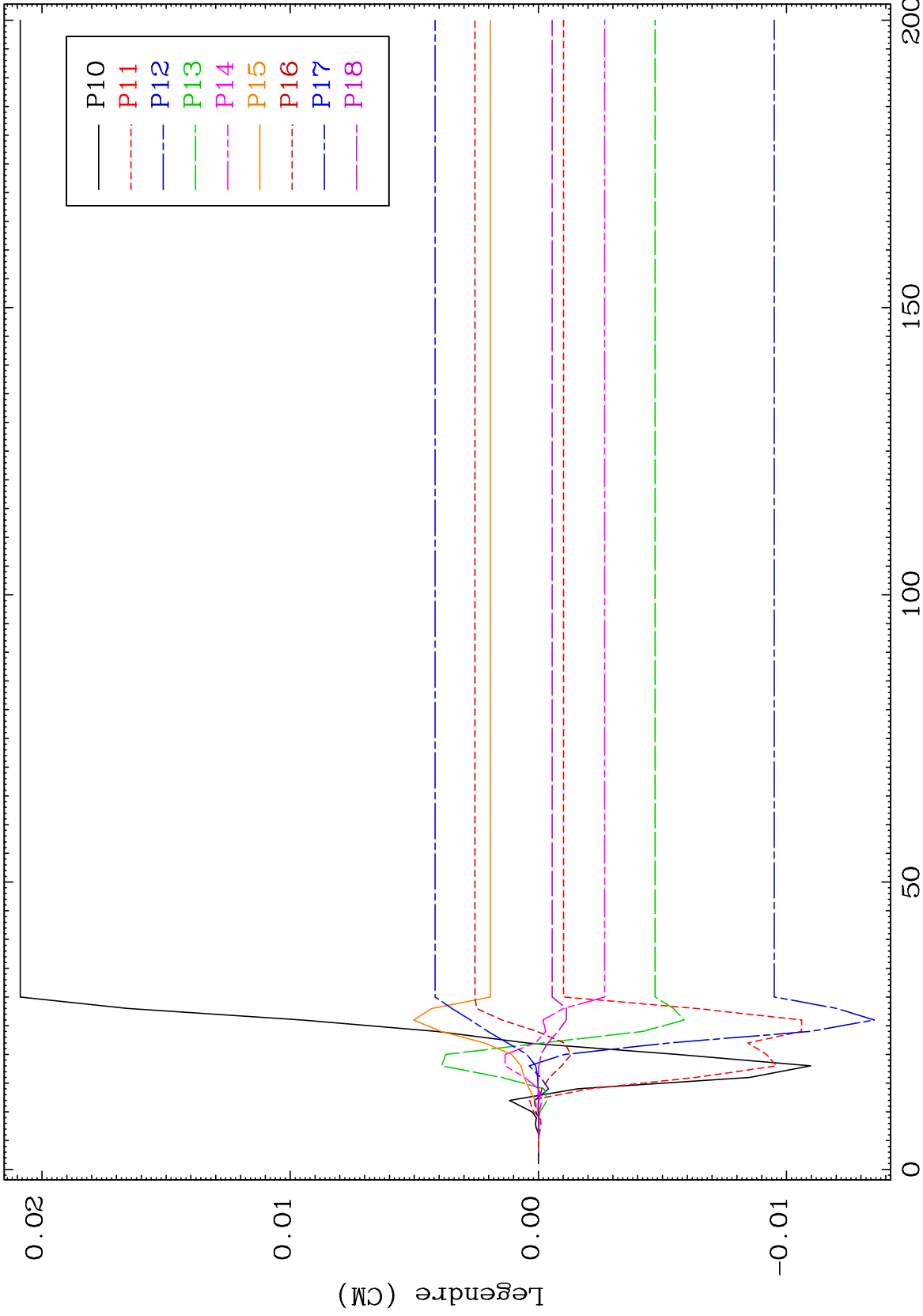
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



89

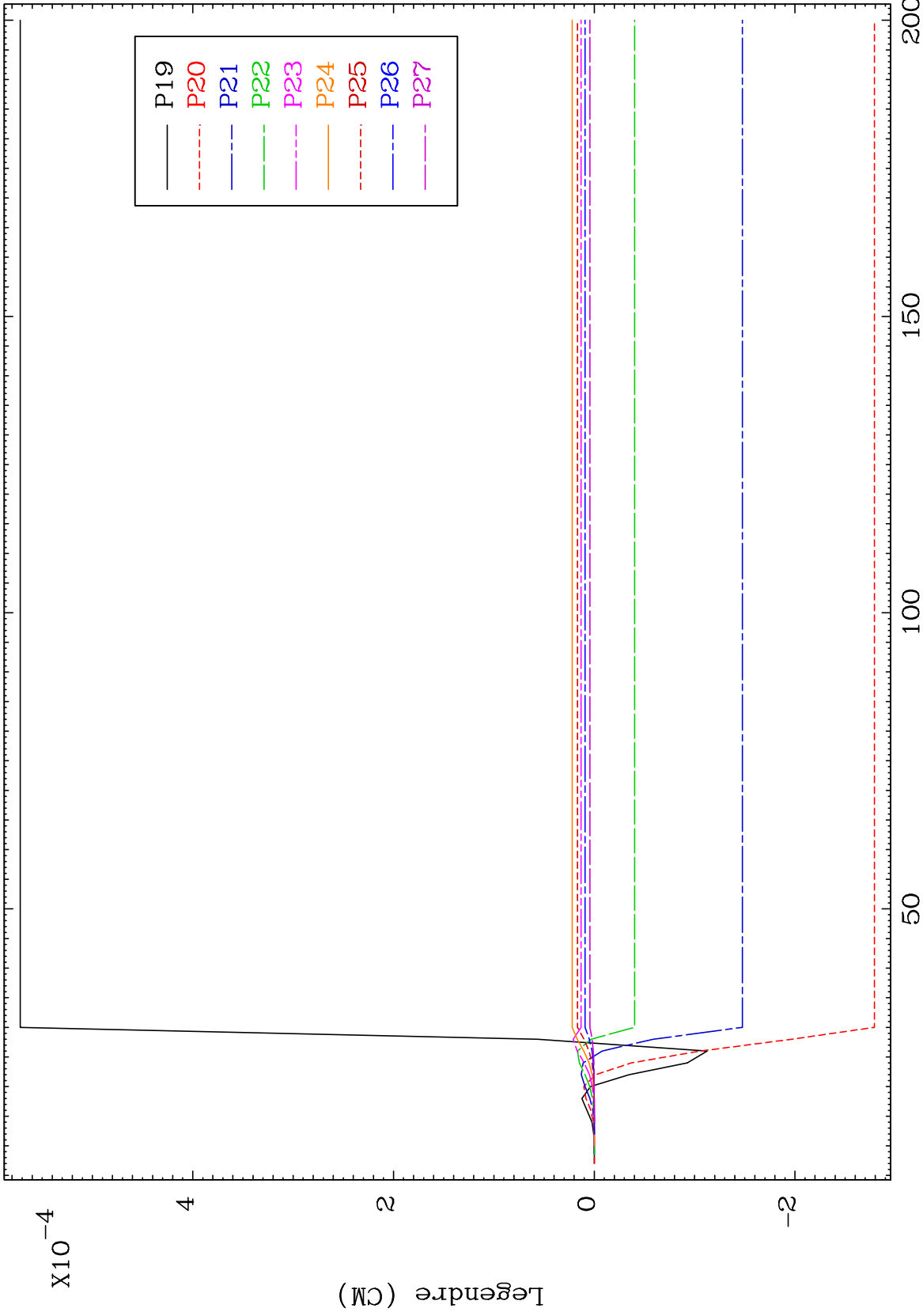
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



90

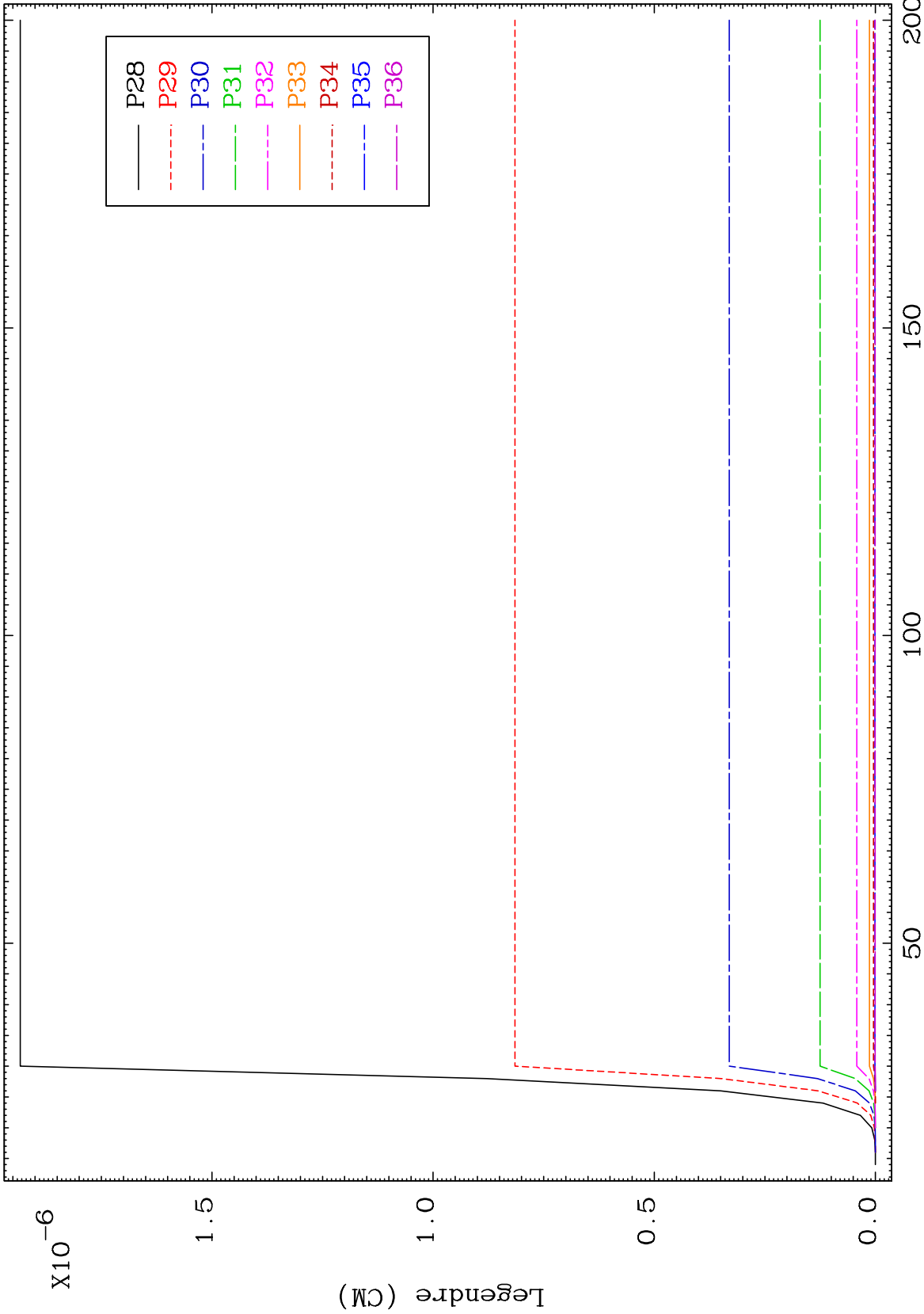
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



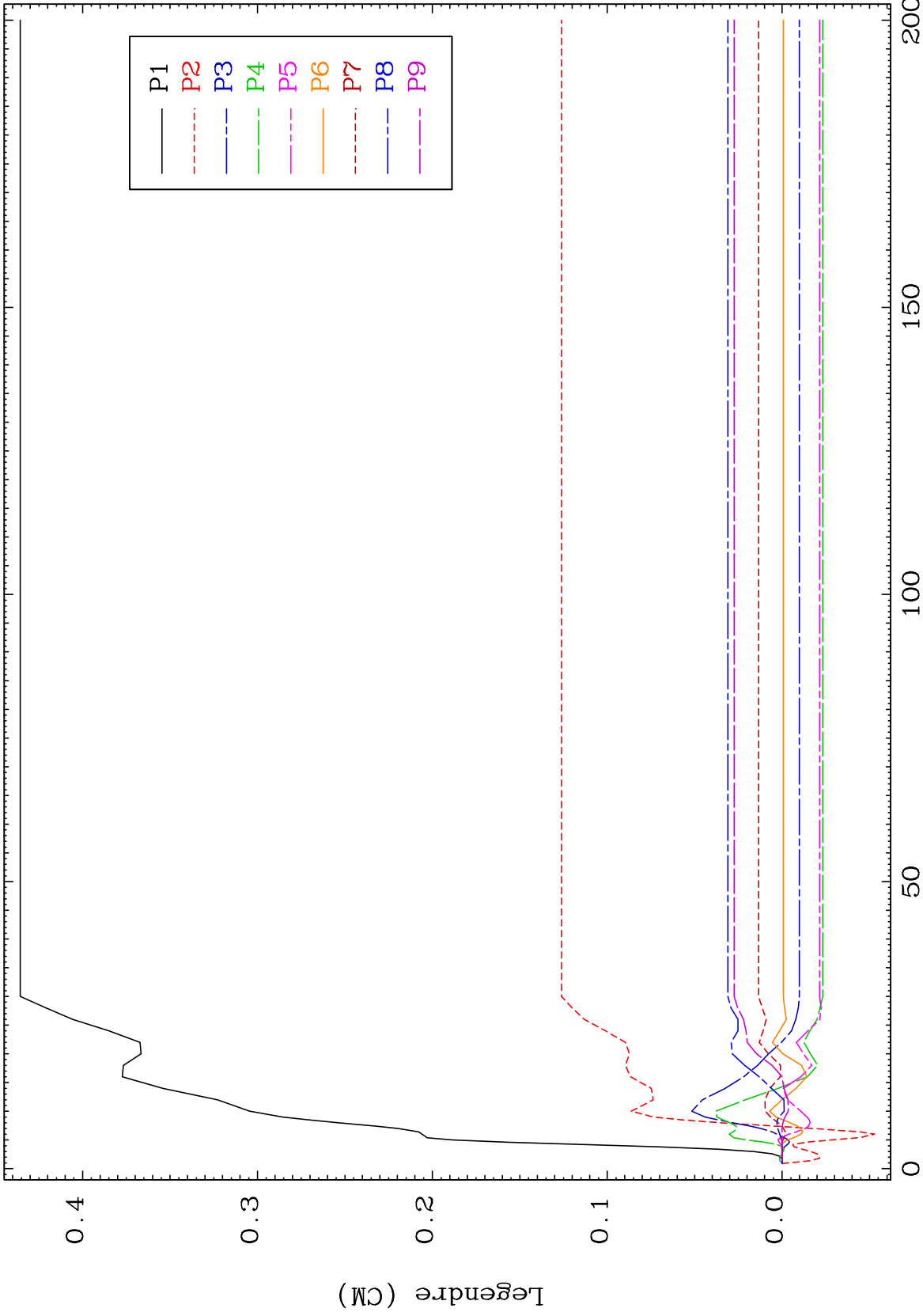
91

70-Yb-173

MAT 7040

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

70-Yb-173



92

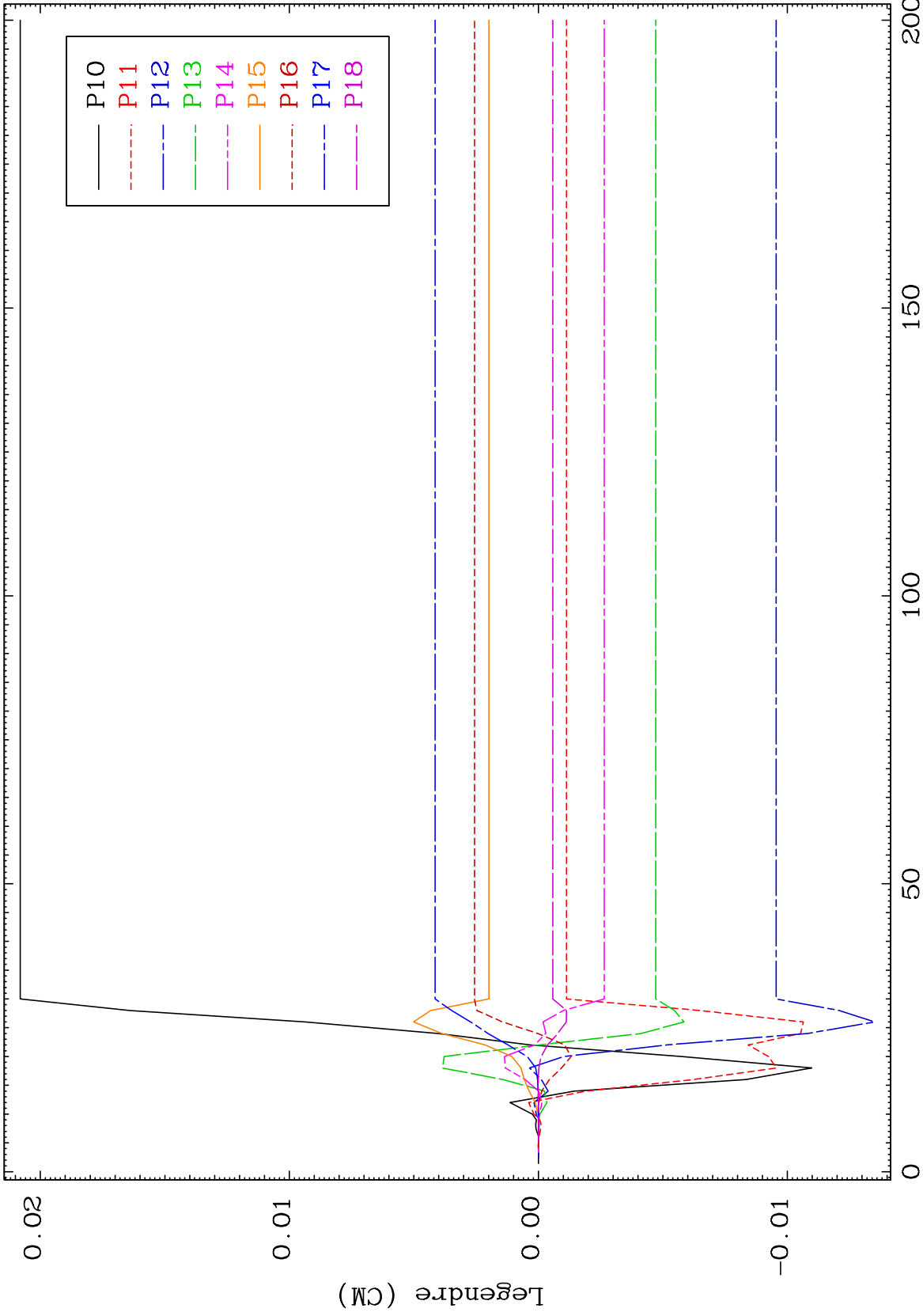
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



93

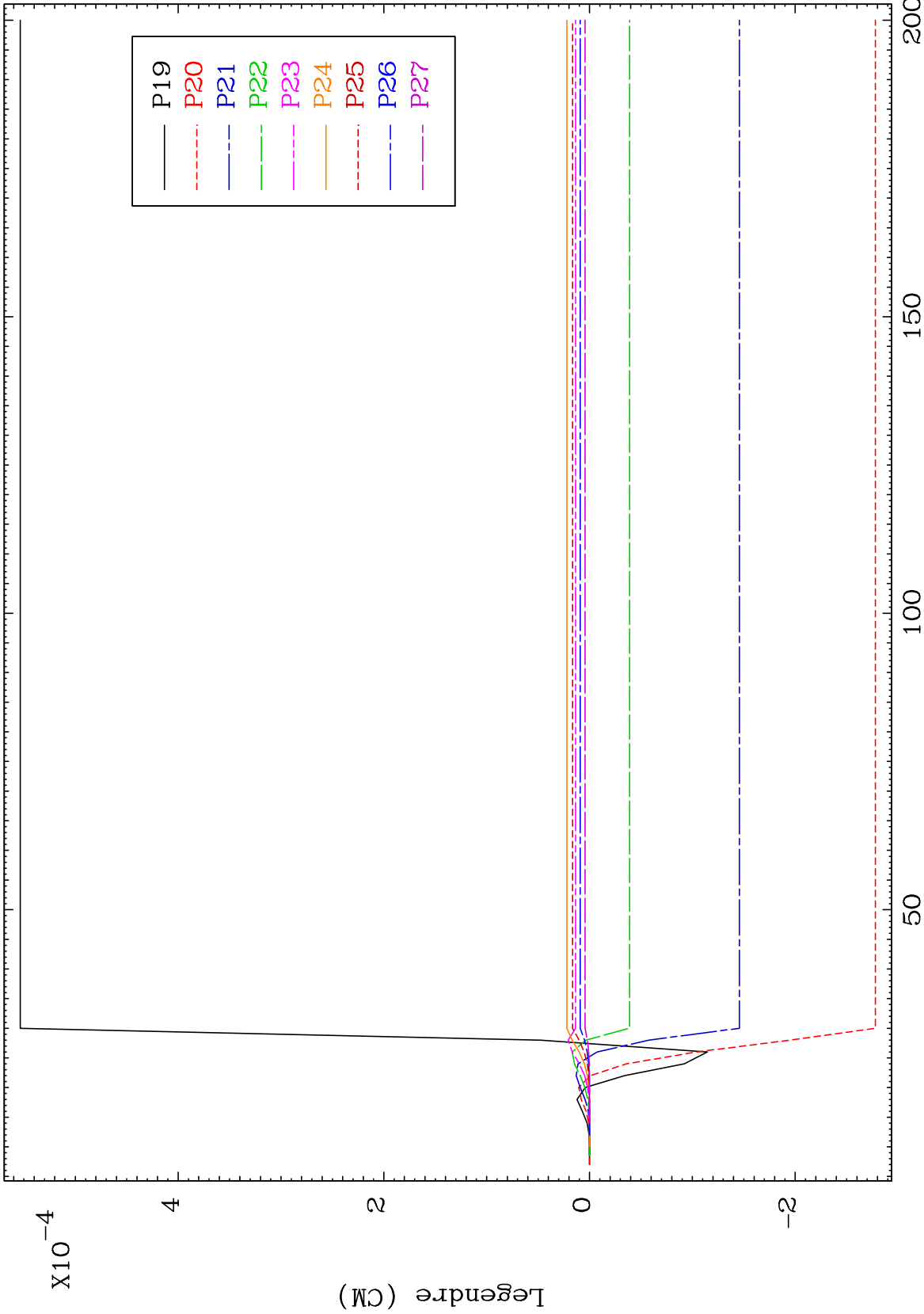
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



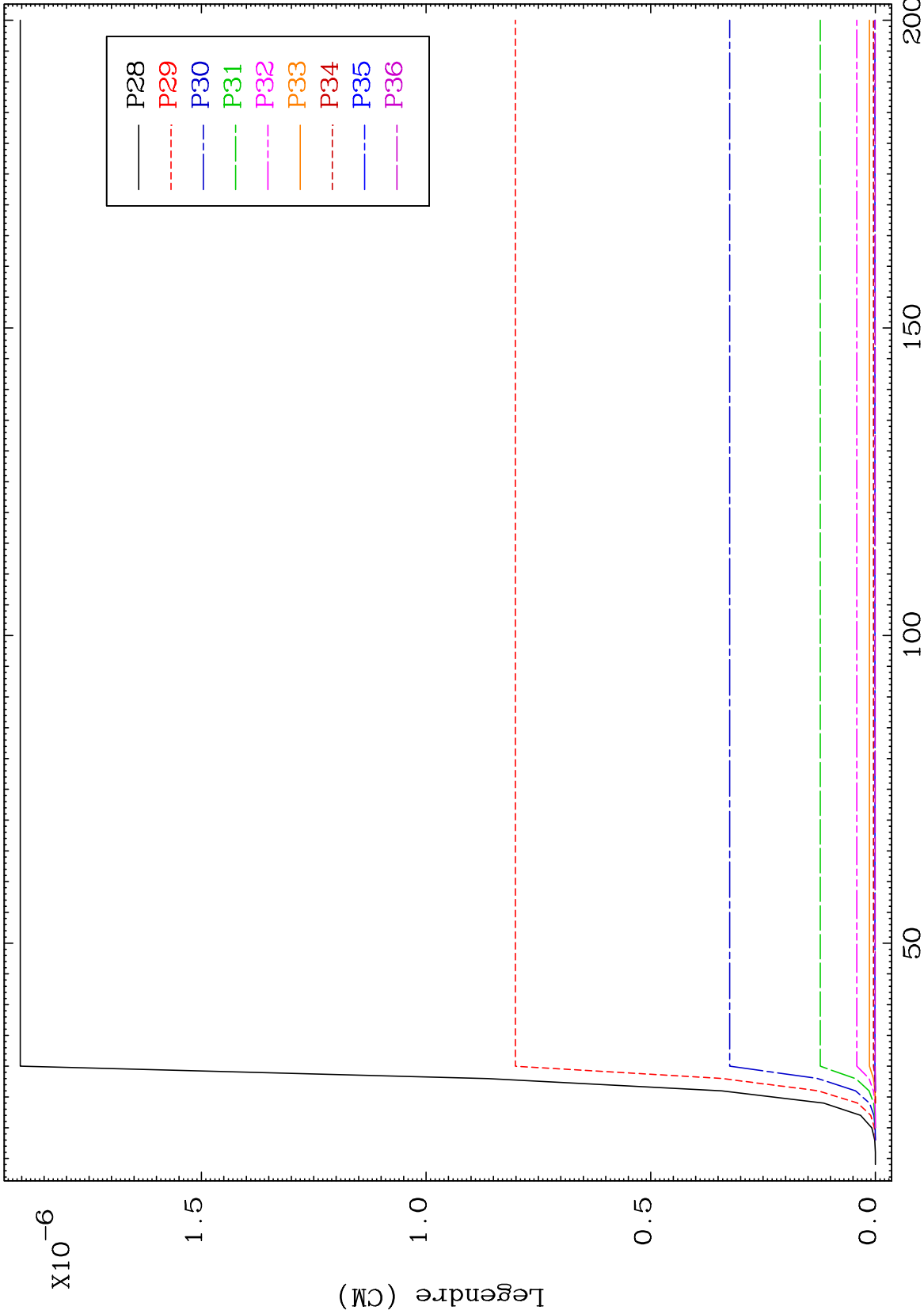
94

70-Yb-173

MAT 7040

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

70-Yb-173



95

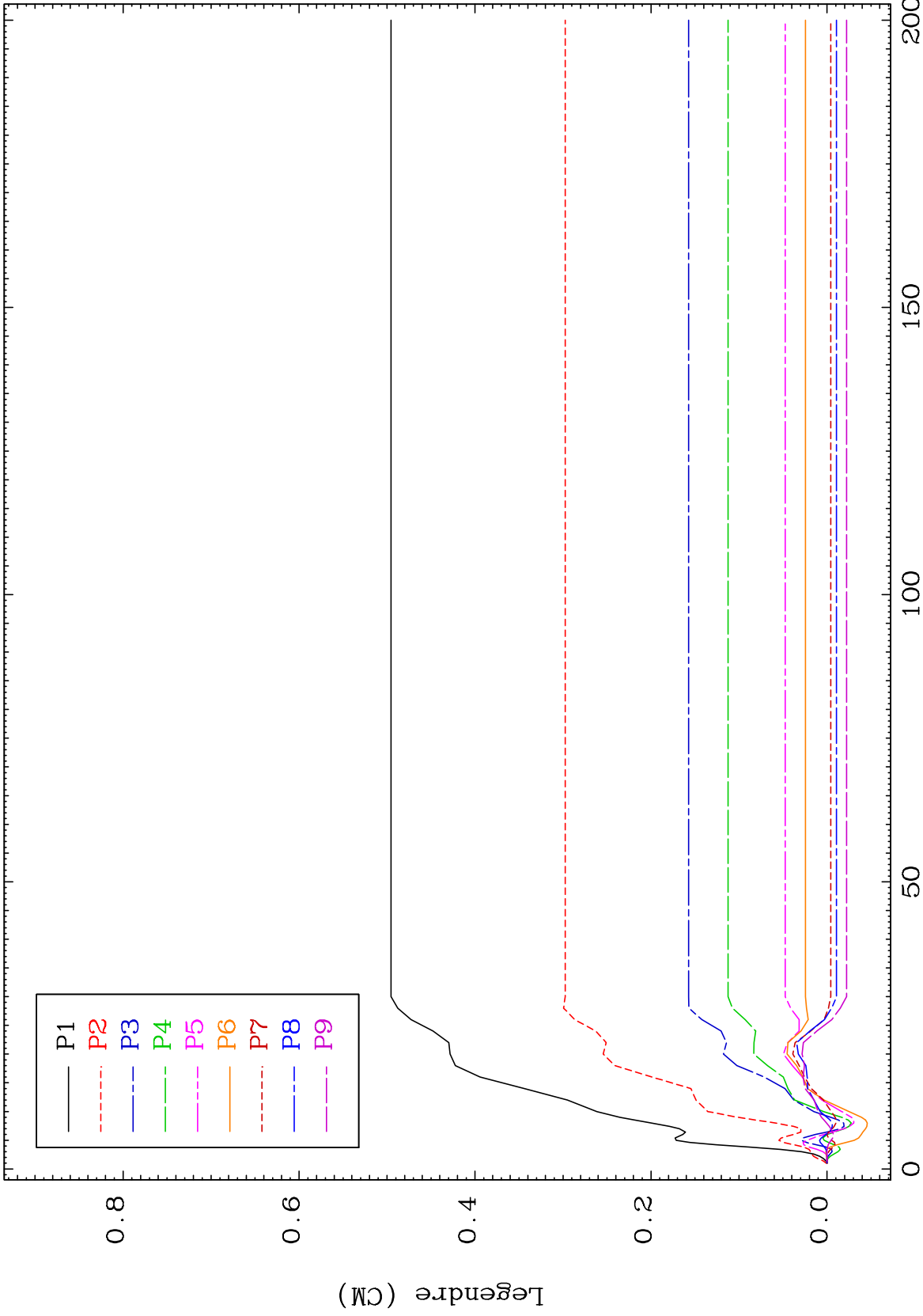
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

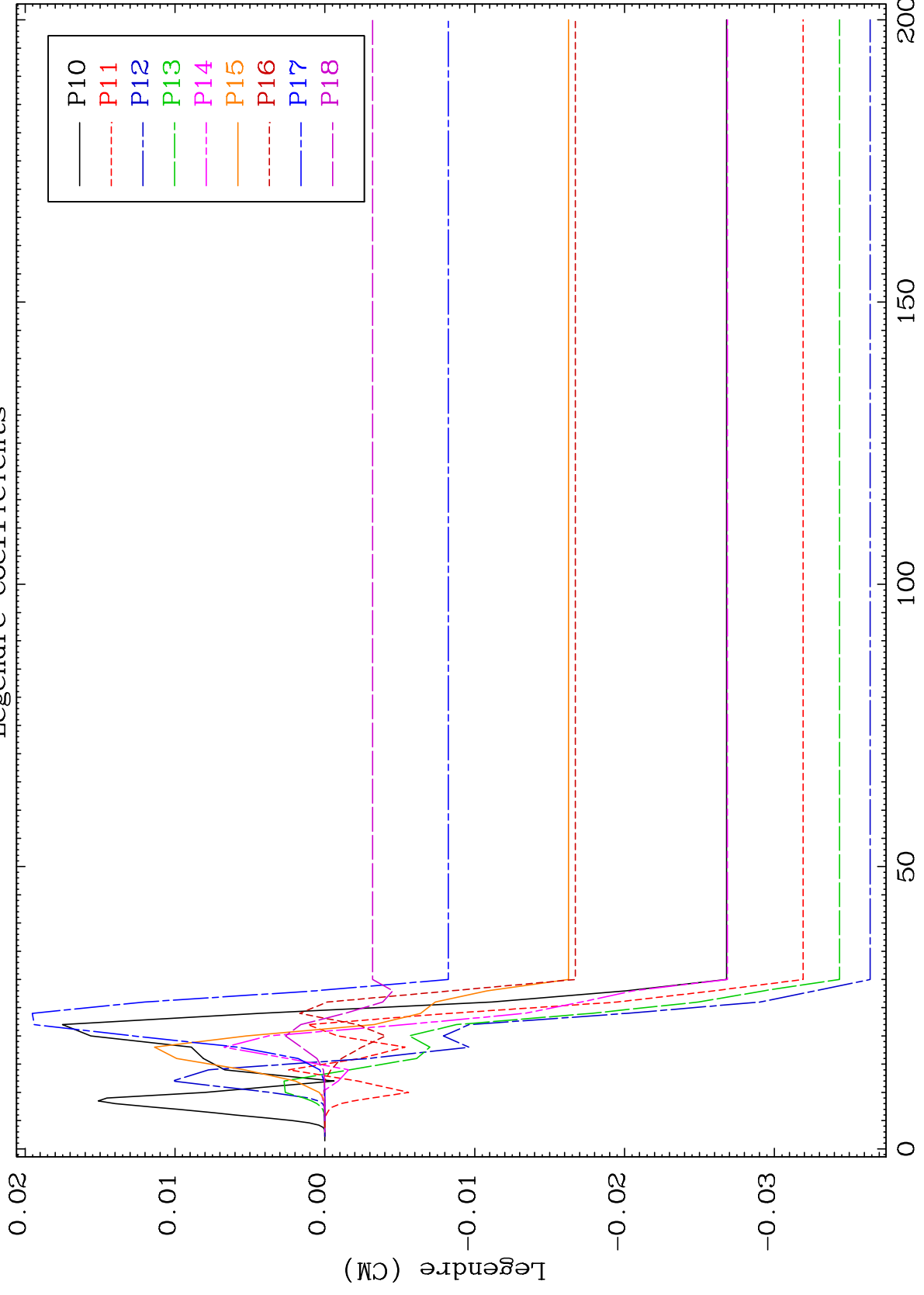


96

Incident Energy (MeV)

70-Yb-173

MAT 7040 MT= 71 (n,n') Level Legendre Coefficients 70-Yb-173

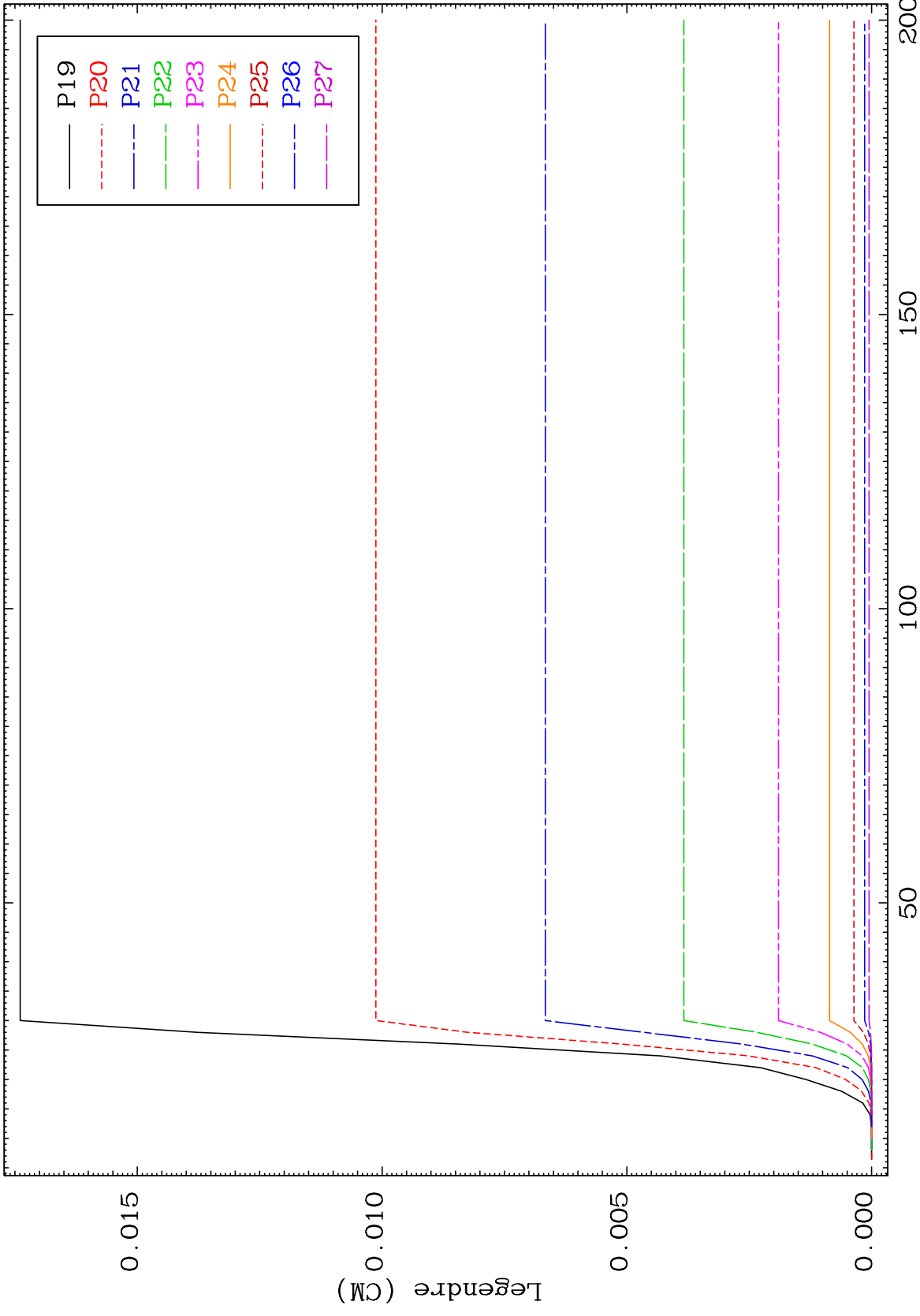


97 70-Yb-173

MAT 7040

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

70-Yb-173



98

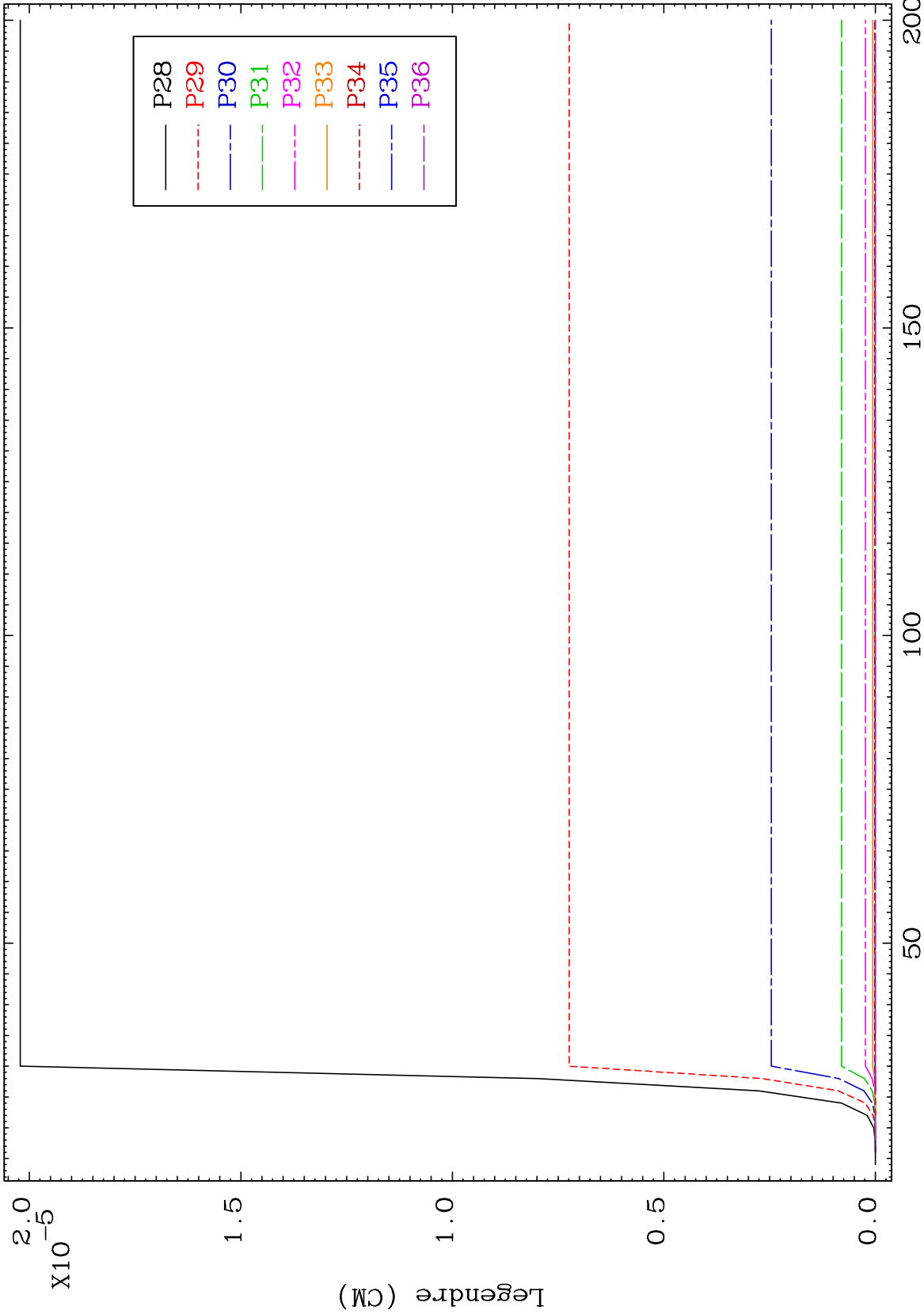
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

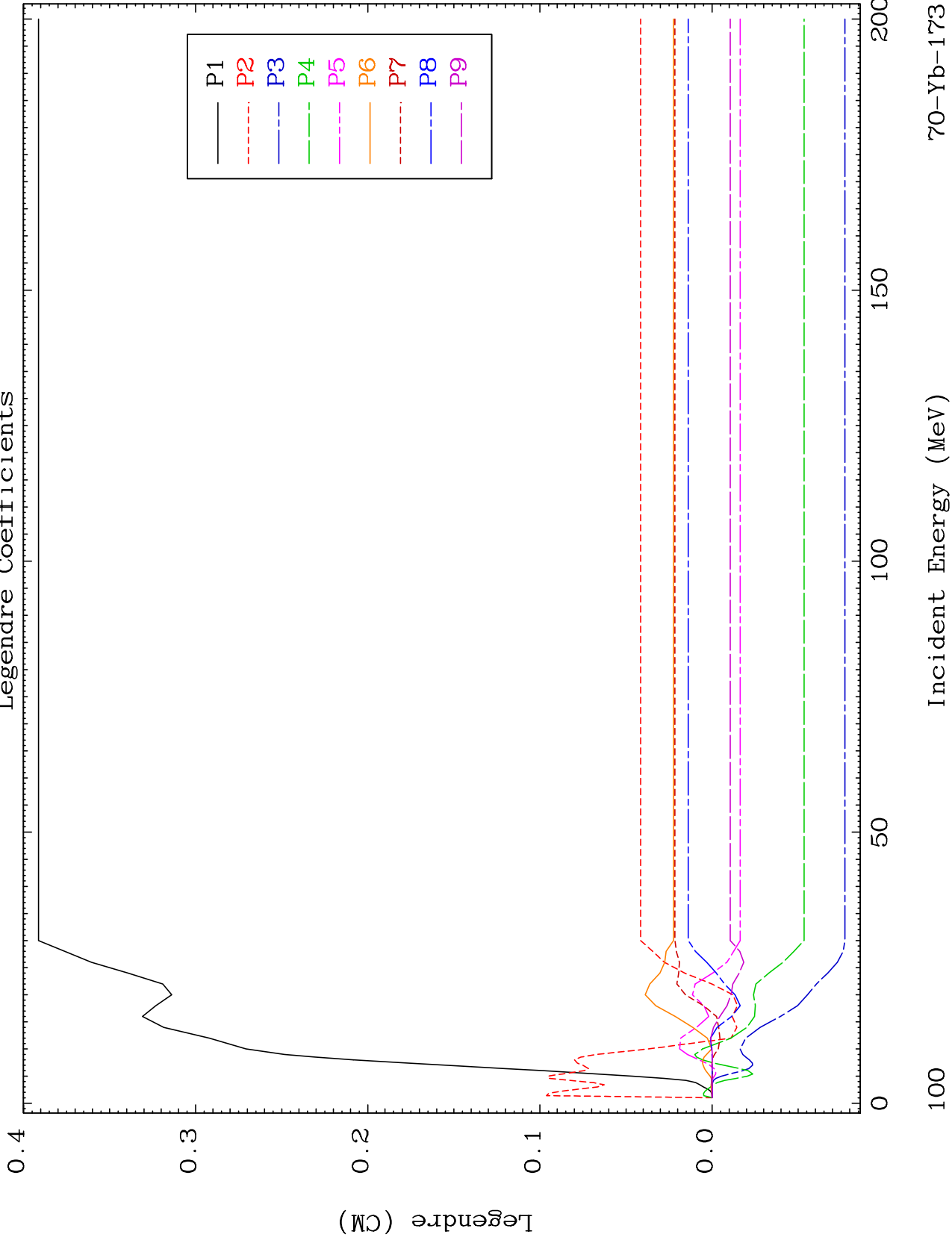


99

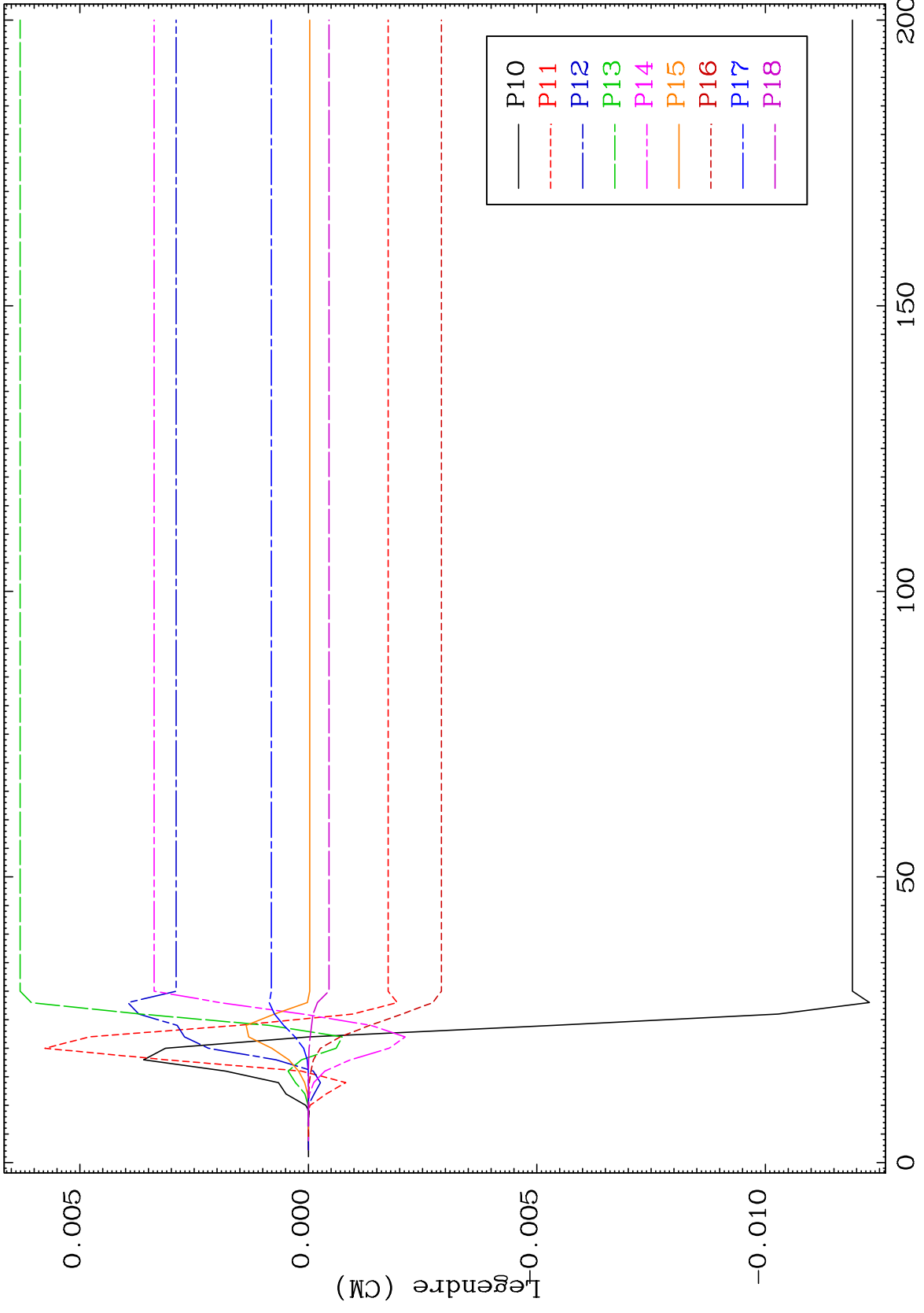
Incident Energy (MeV)

70-Yb-173

MAT 7040 MT= 72 (n,n') Level Legendre Coefficients 70-Yb-173



MAT 7040 MT= 72 (n,n') Level Legendre Coefficients 70-Yb-173

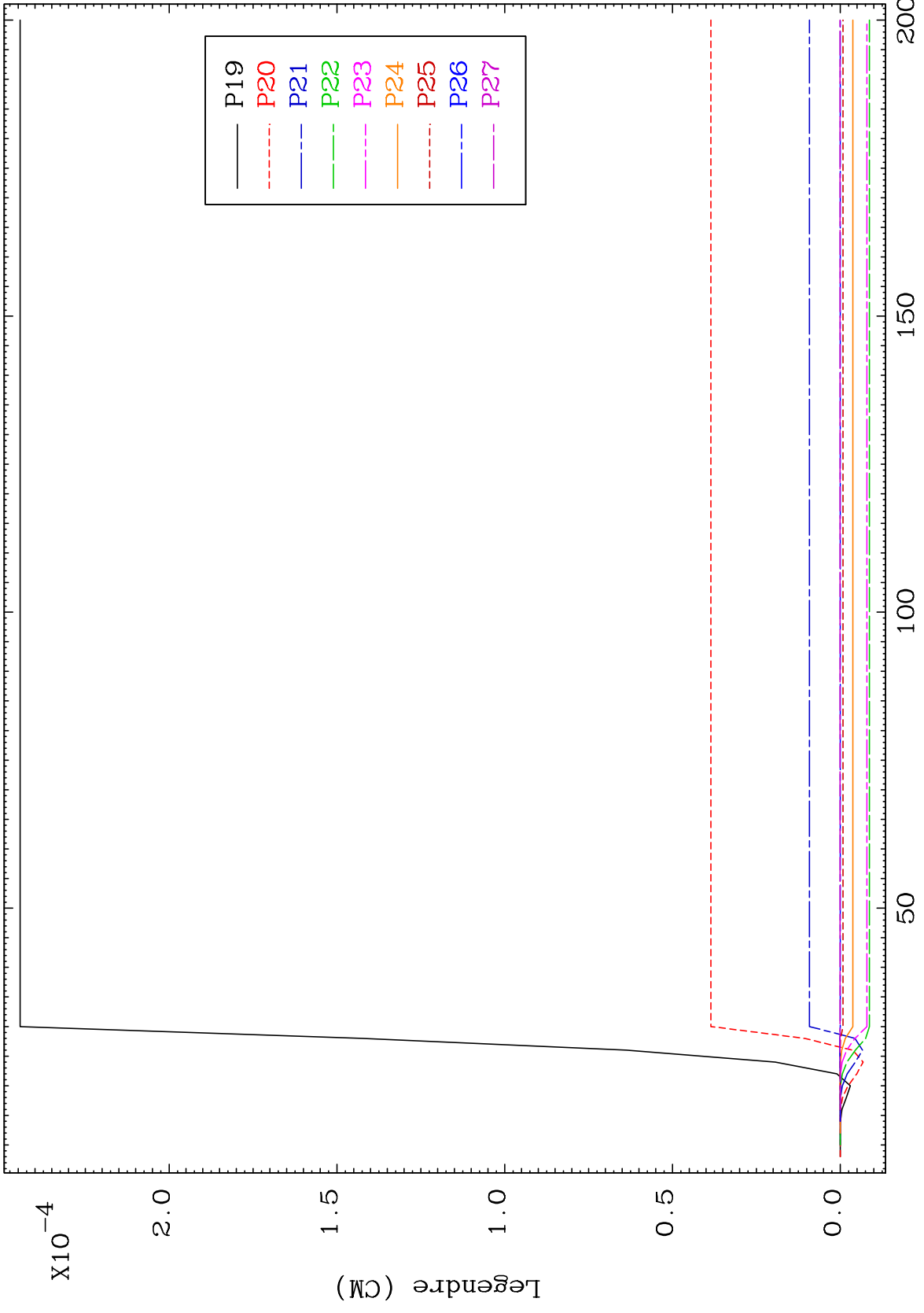


101 70-Yb-173

MAT 7040

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

70-Yb-173



102

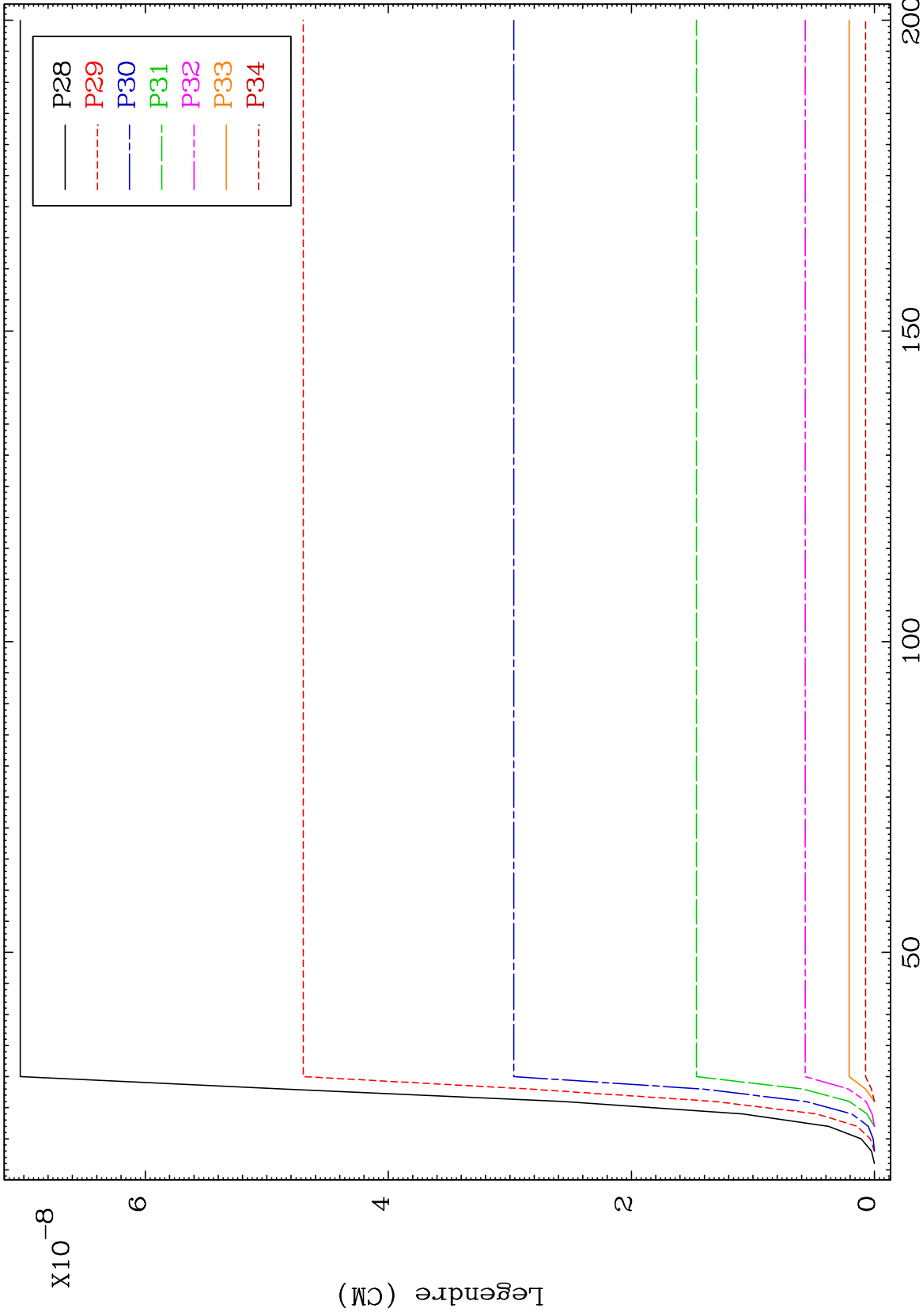
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

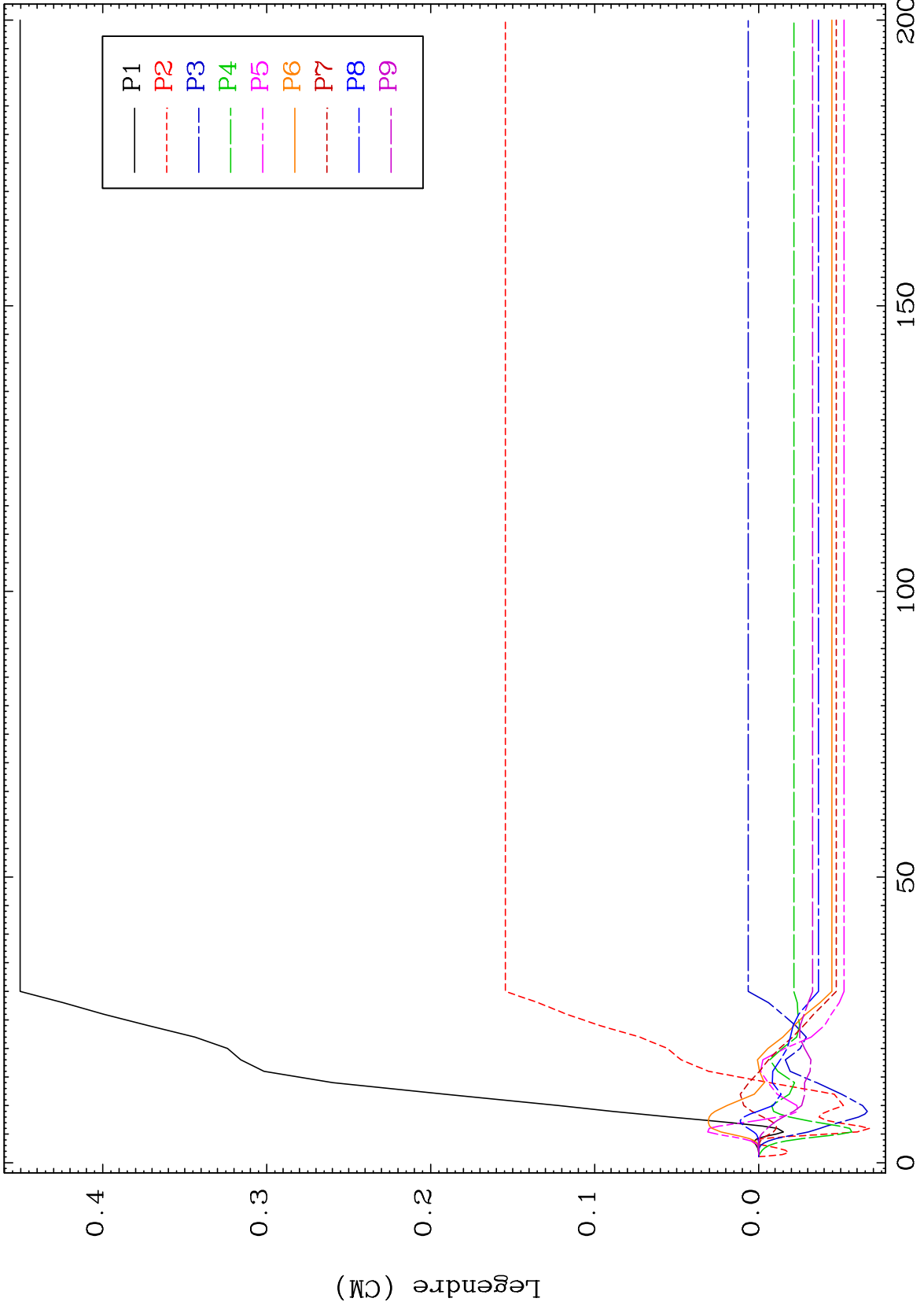


103

Incident Energy (MeV)

70-Yb-173

MAT 7040 MT= 73 (n,n') Level Legendre Coefficients 70-Yb-173

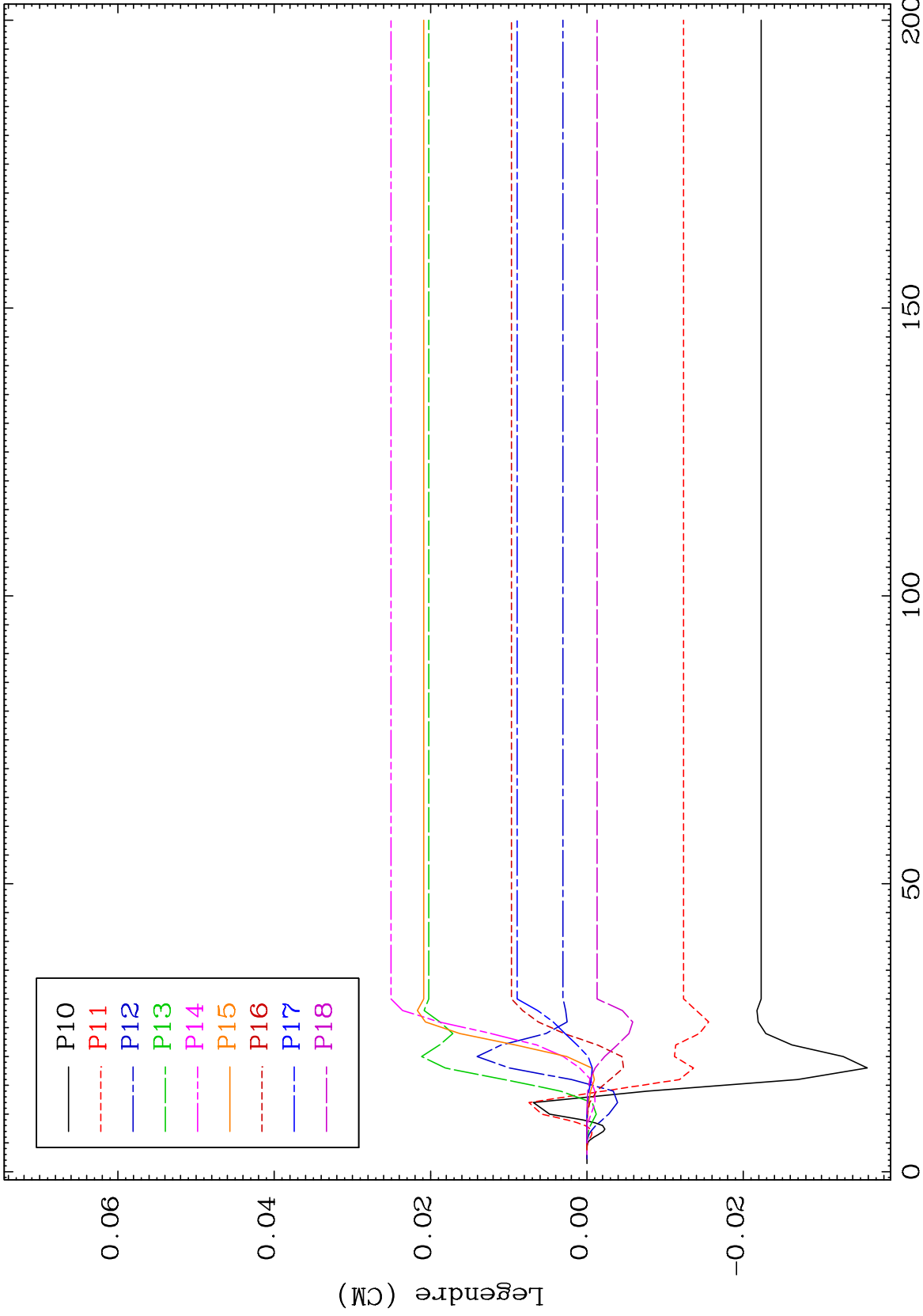


104 70-Yb-173

MAT 7040

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

70-Yb-173



105

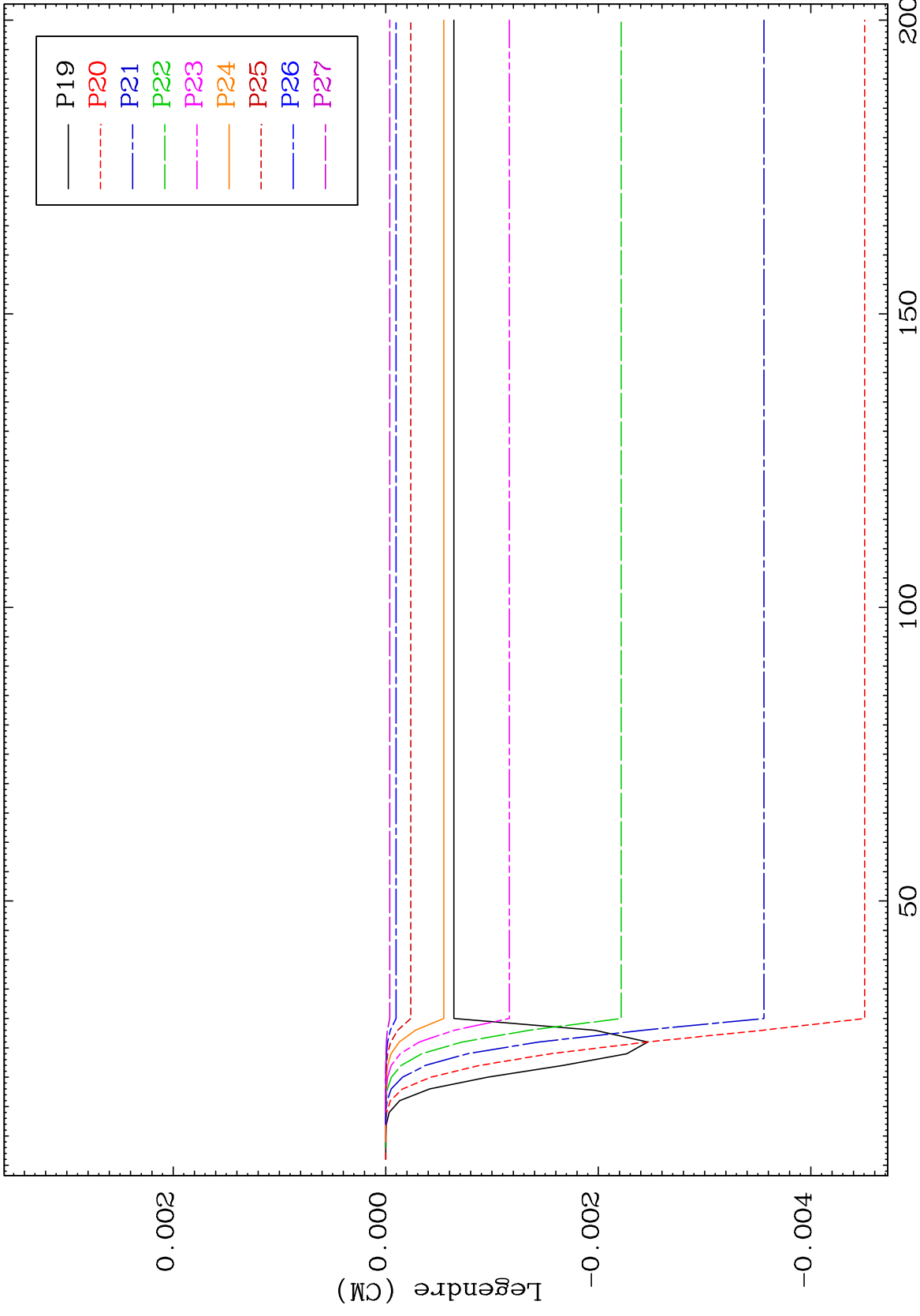
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



106

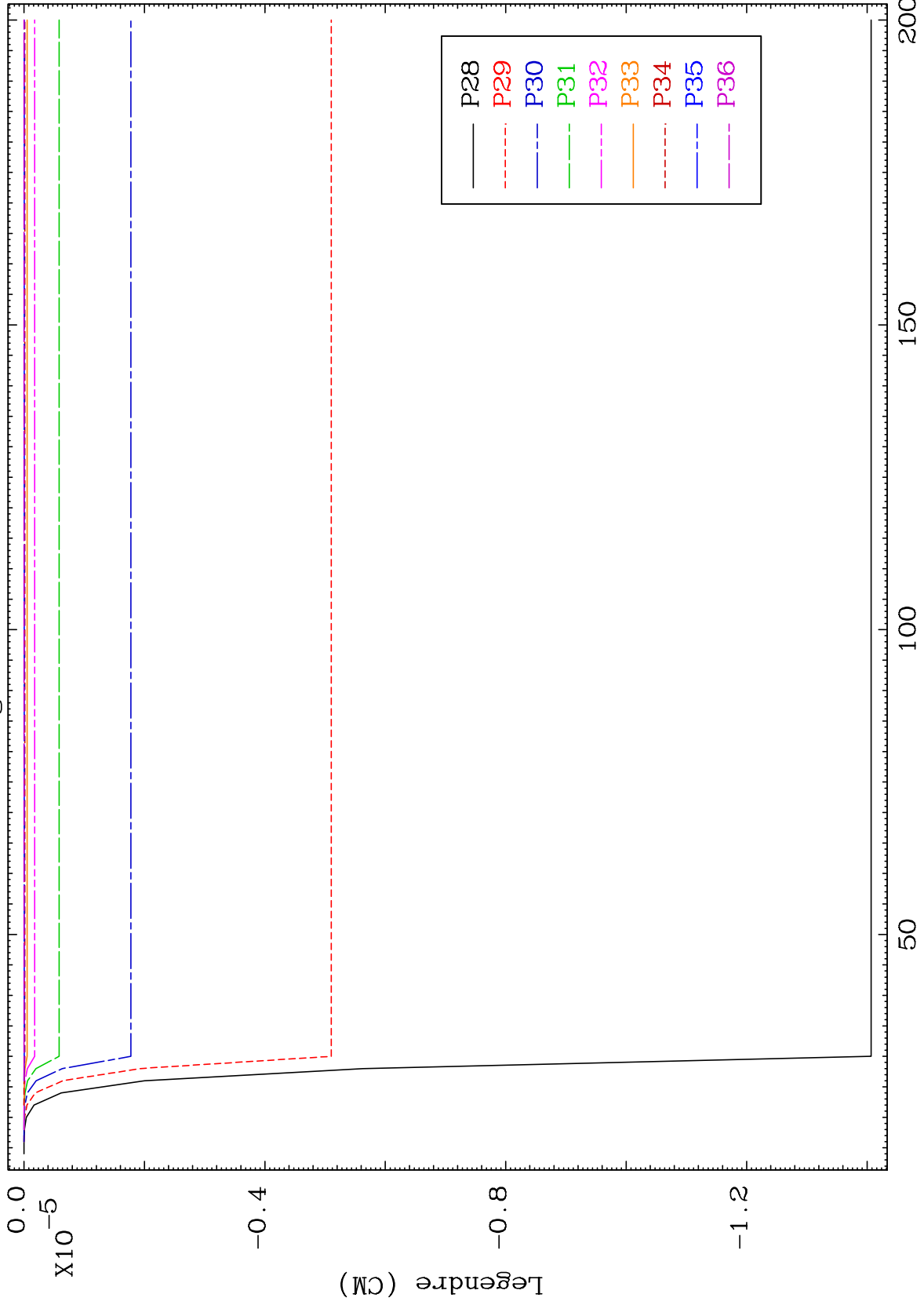
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



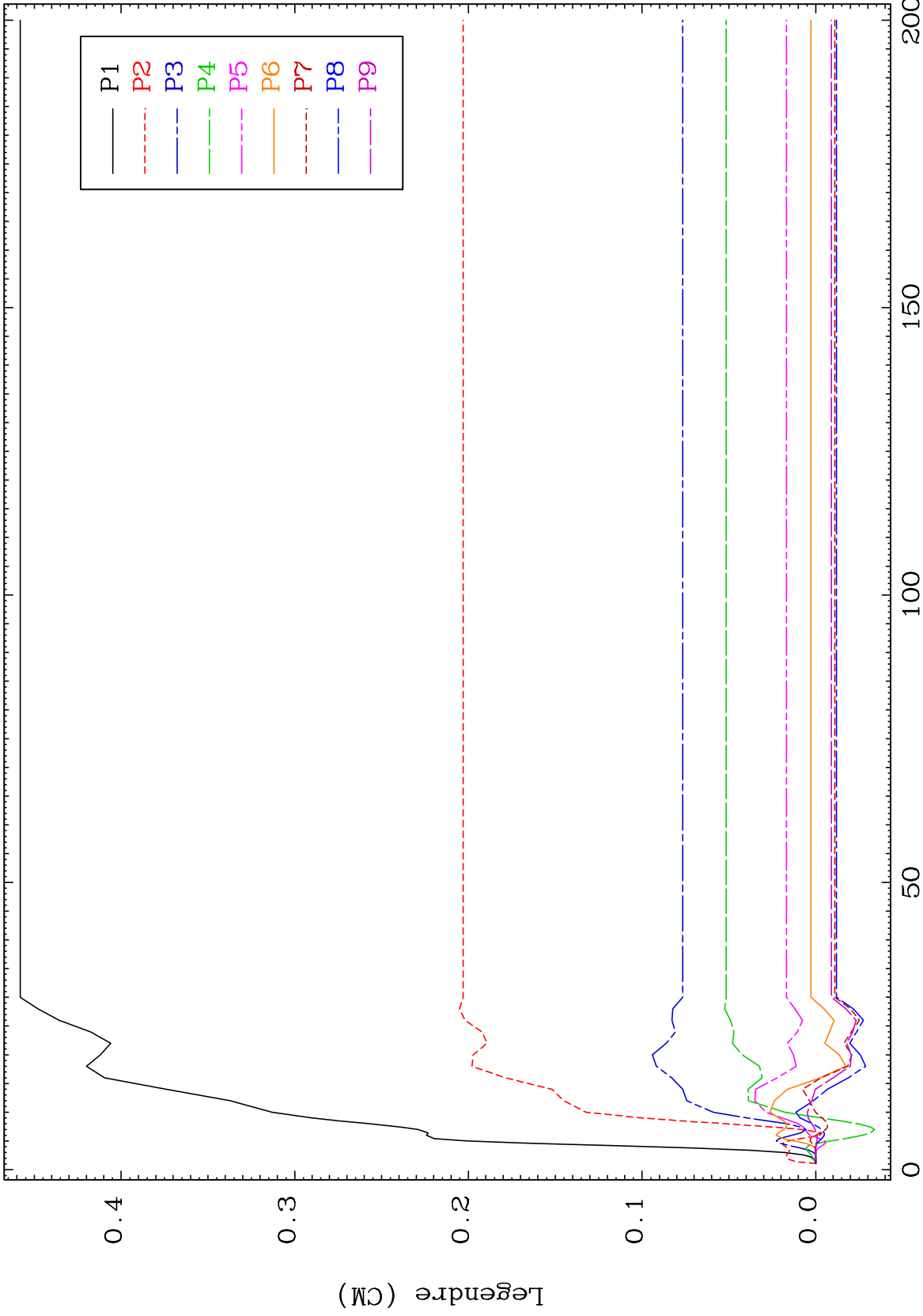
107

70-Yb-173

MAT 7040

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

70-Yb-173



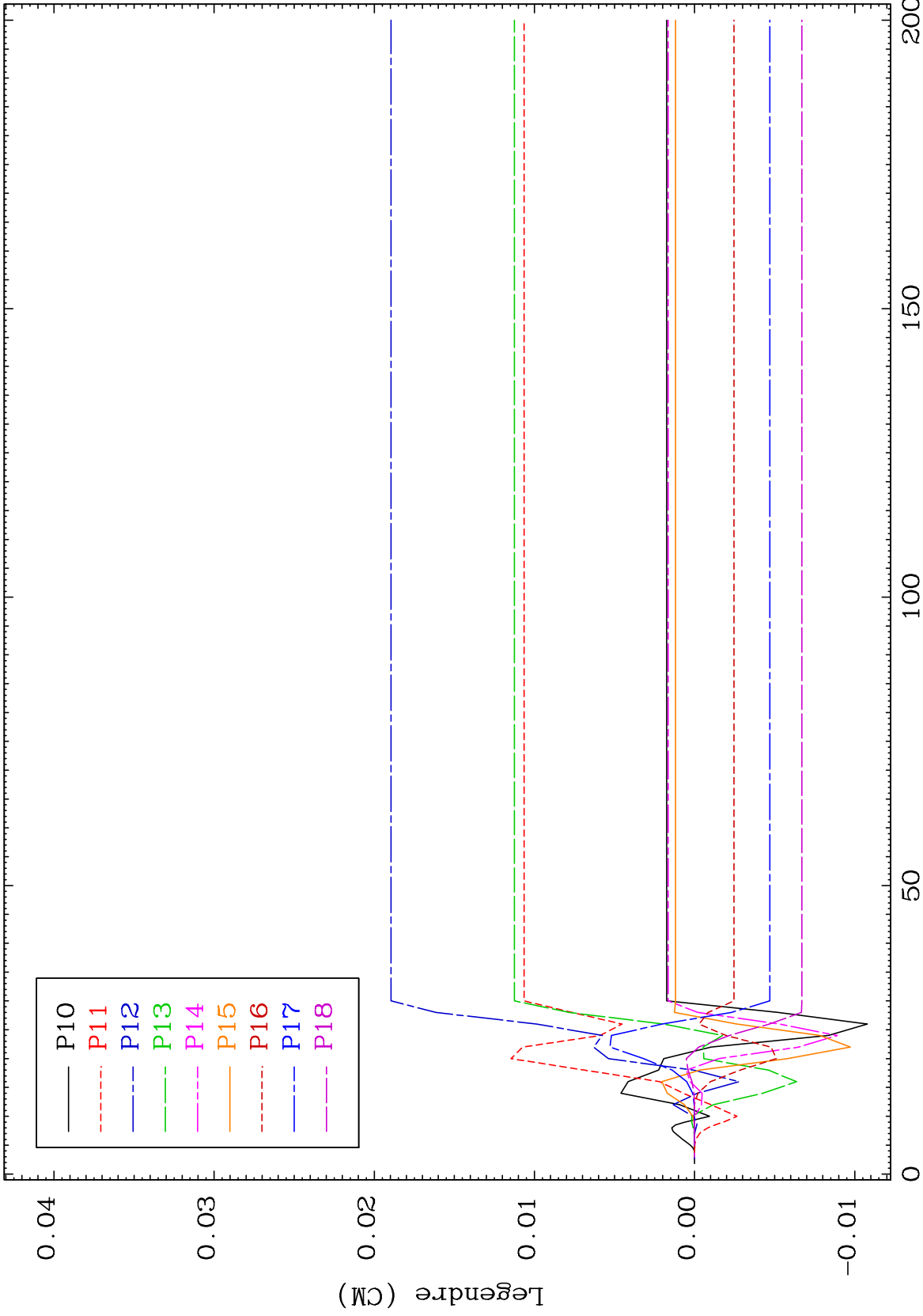
108

70-Yb-173

MAT 7040

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

70-Yb-173



109

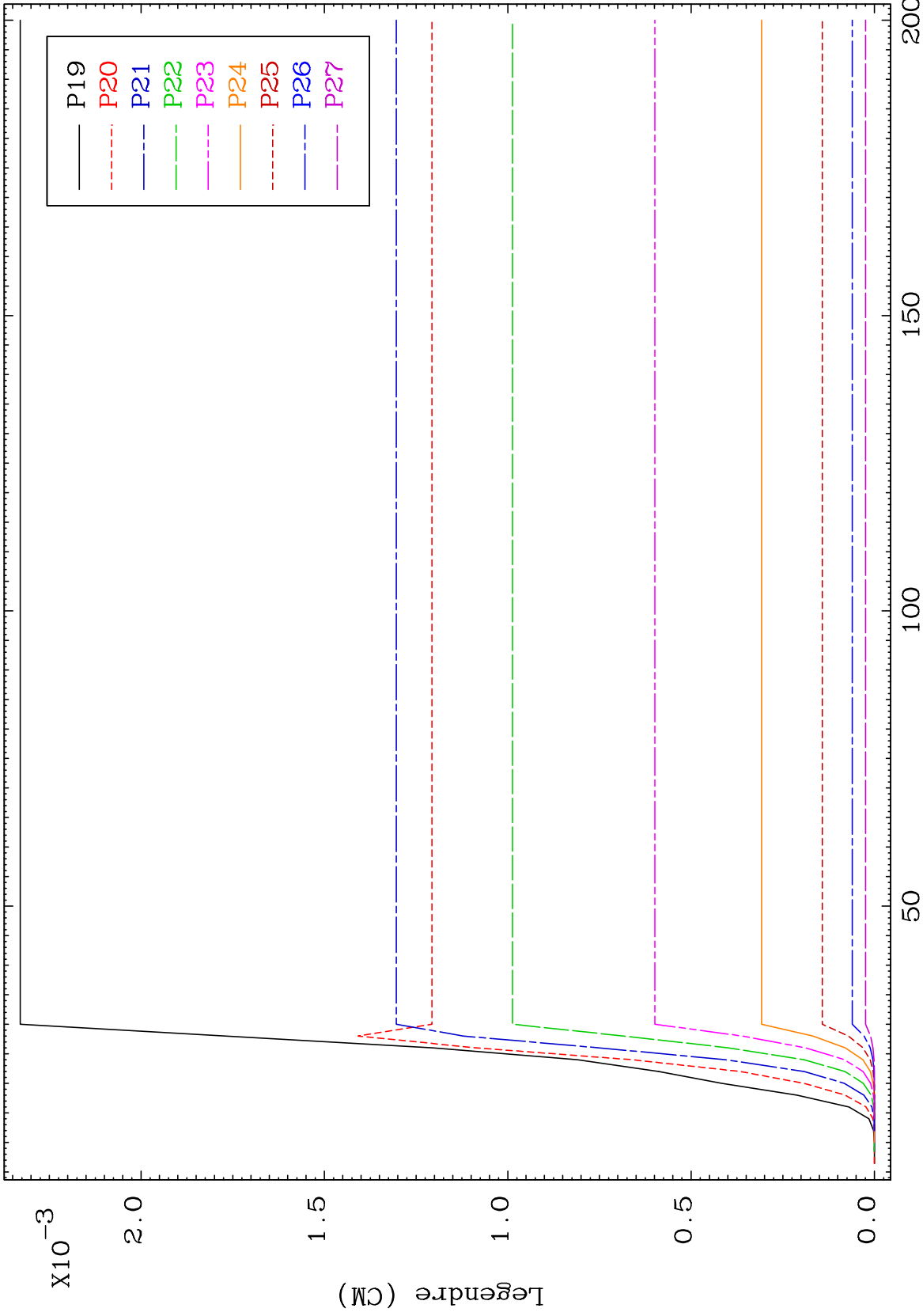
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



70-Yb-173

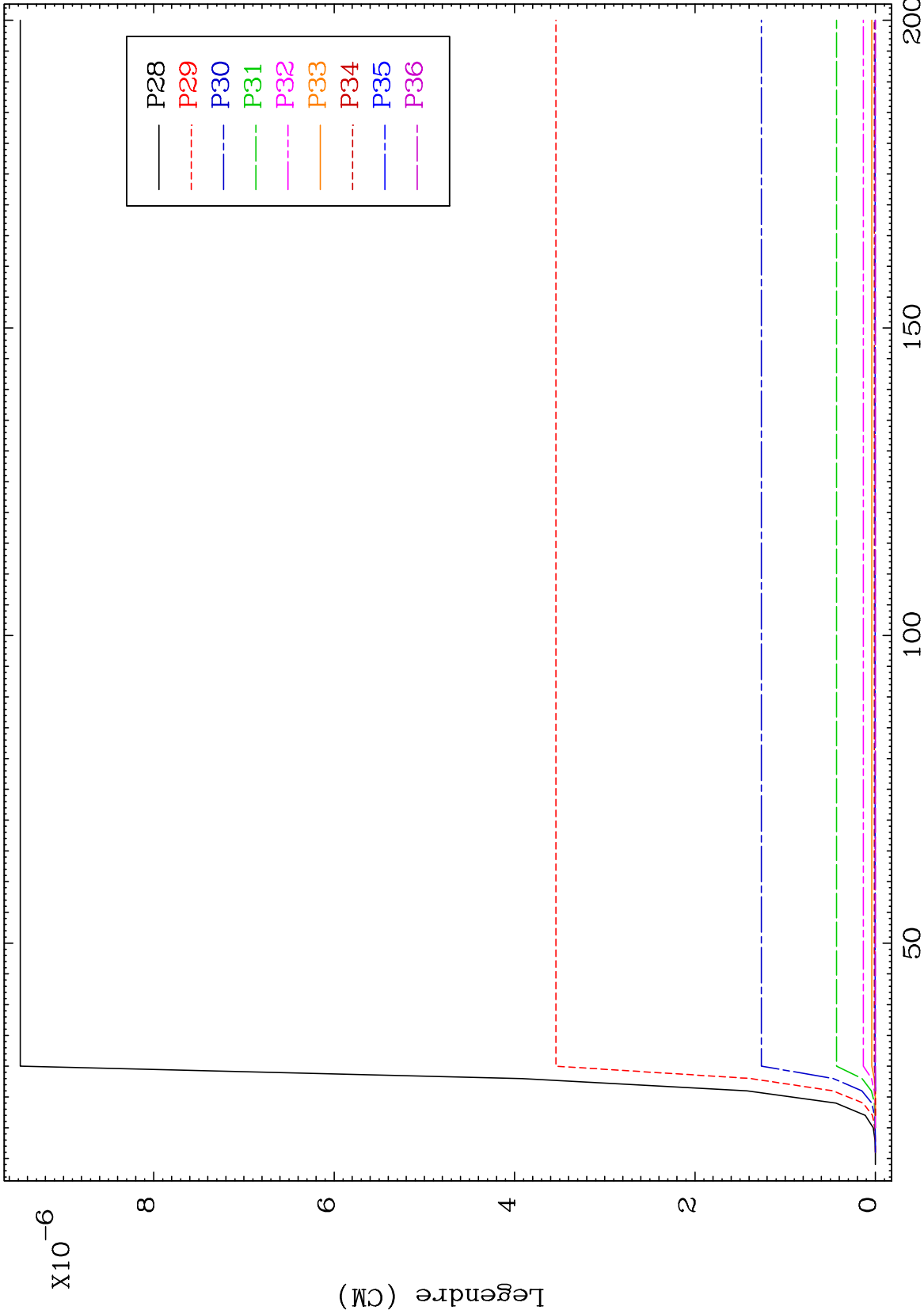
Incident Energy (MeV)

110

MAT 7040

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

70-Yb-173



111

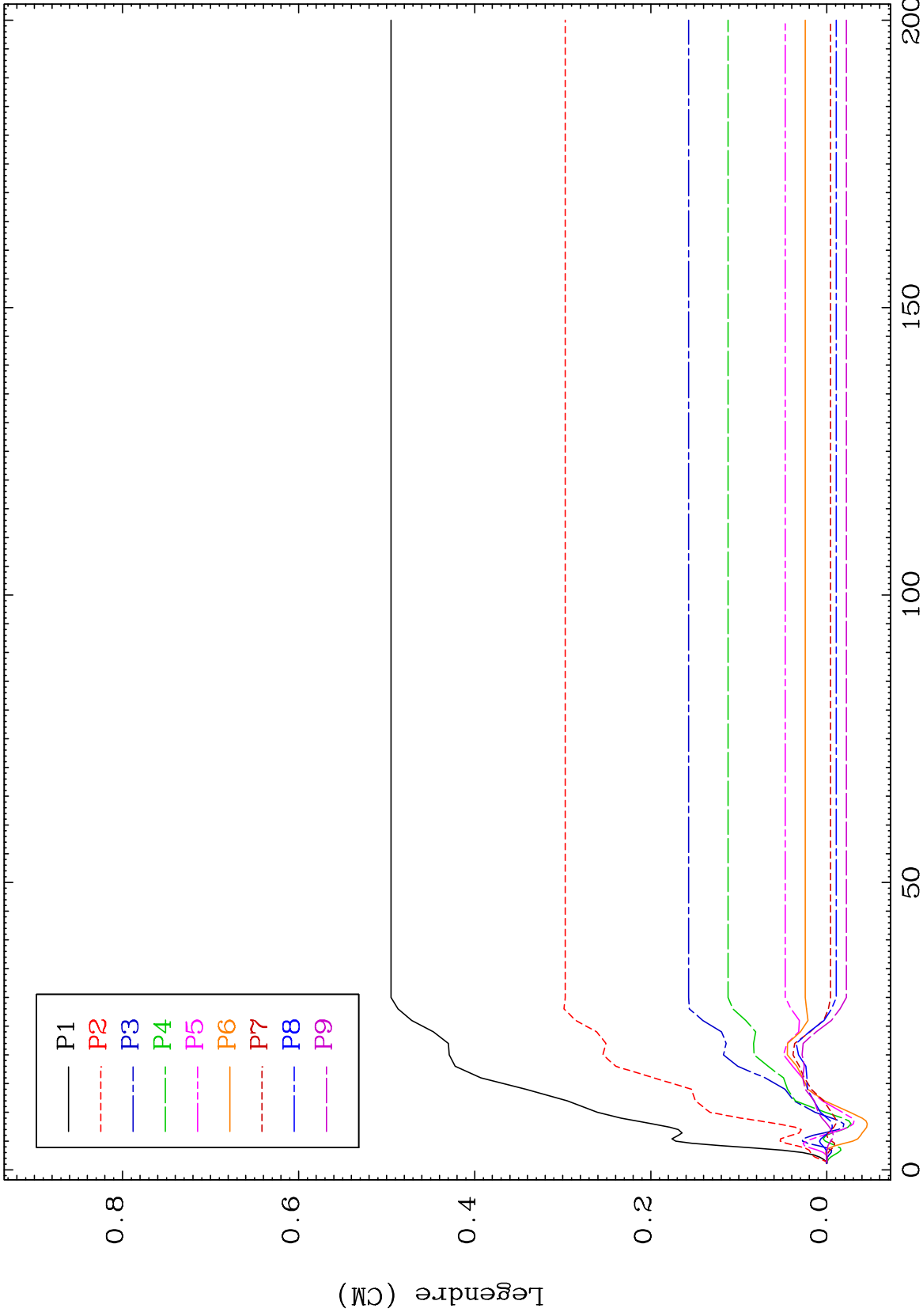
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

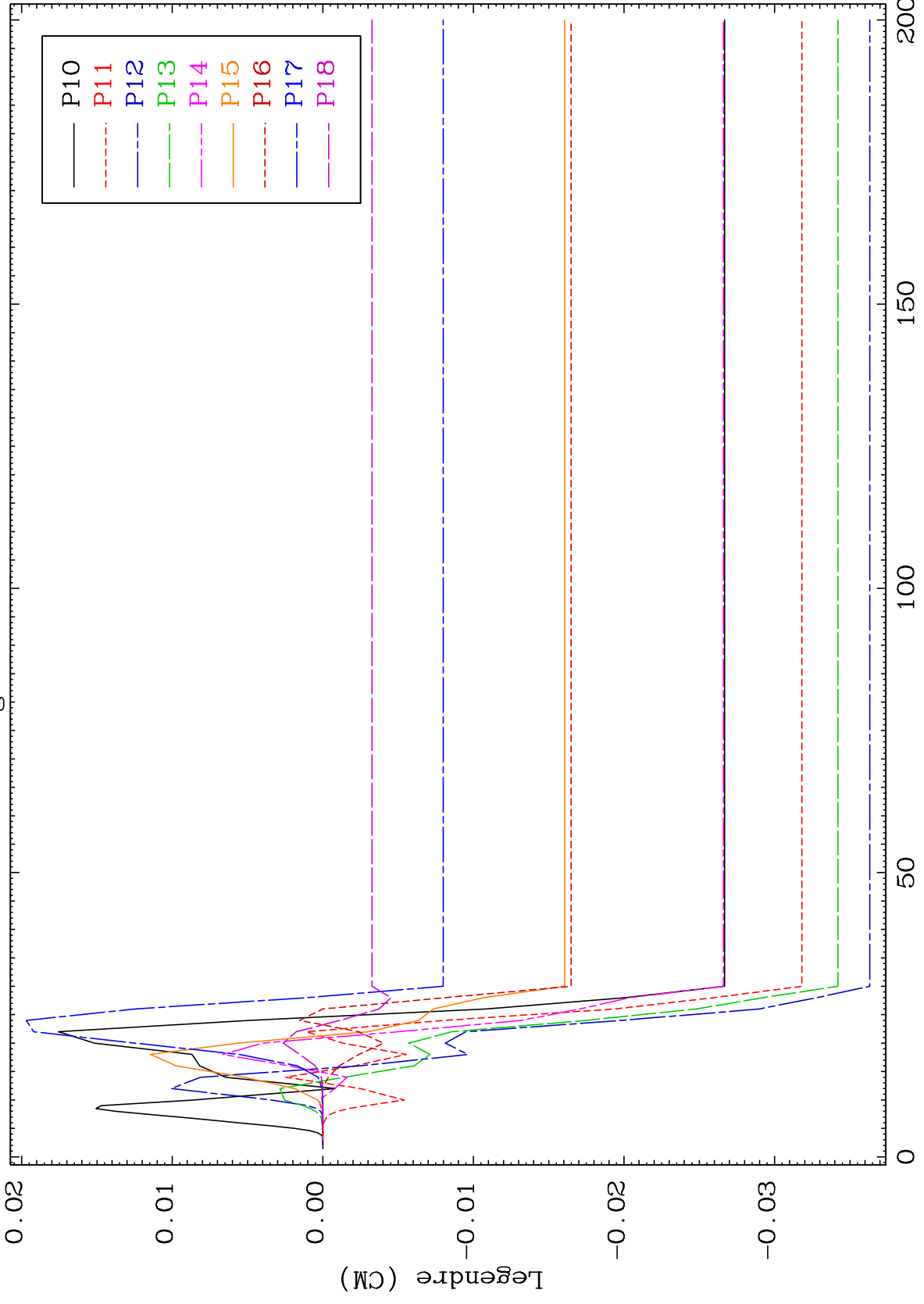


112

Incident Energy (MeV)

70-Yb-173

MAT 7040 MT= 75 (n,n') Level Legendre Coefficients 70-Yb-173

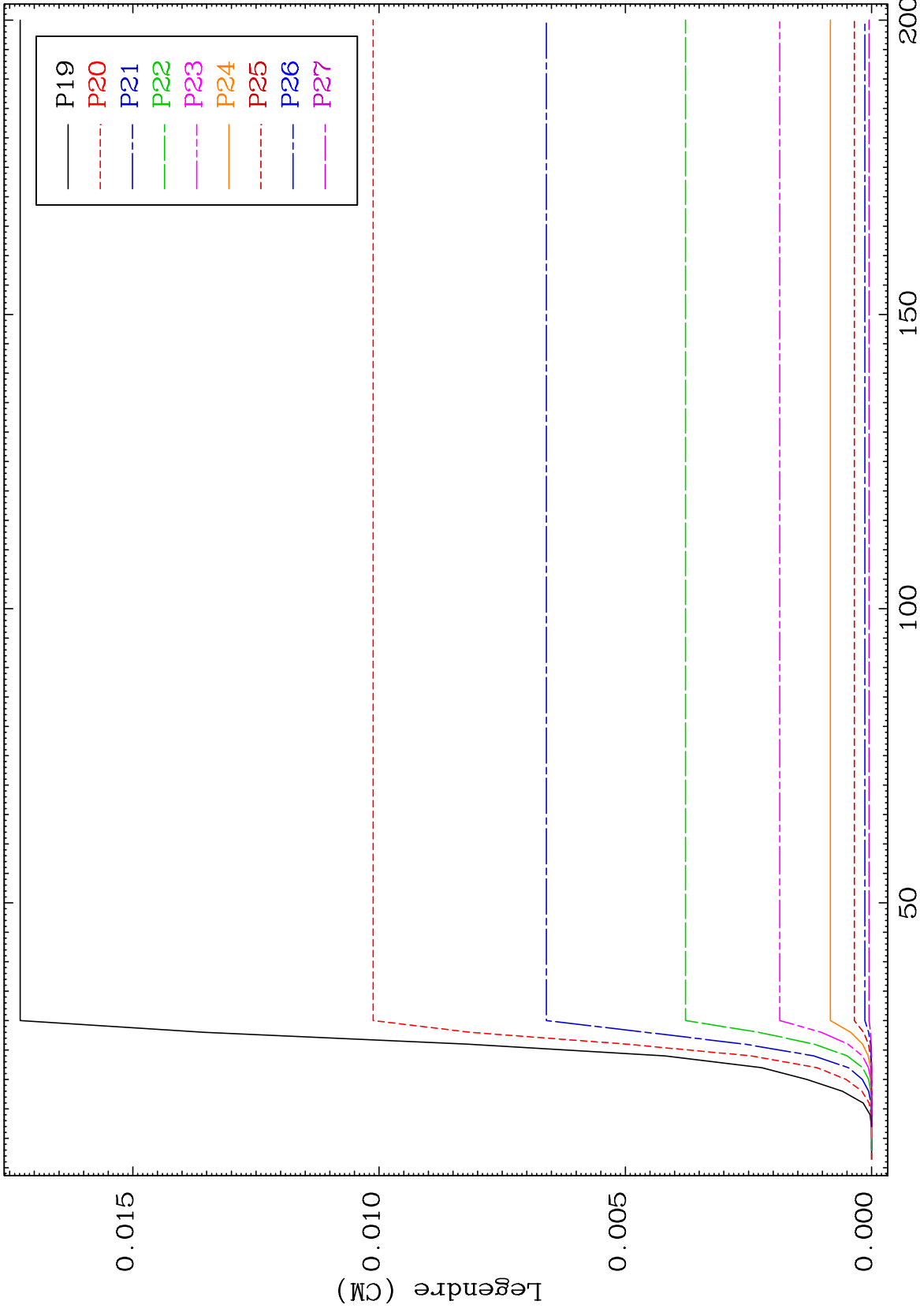


113 70-Yb-173

MAT 7040

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

70-Yb-173



114

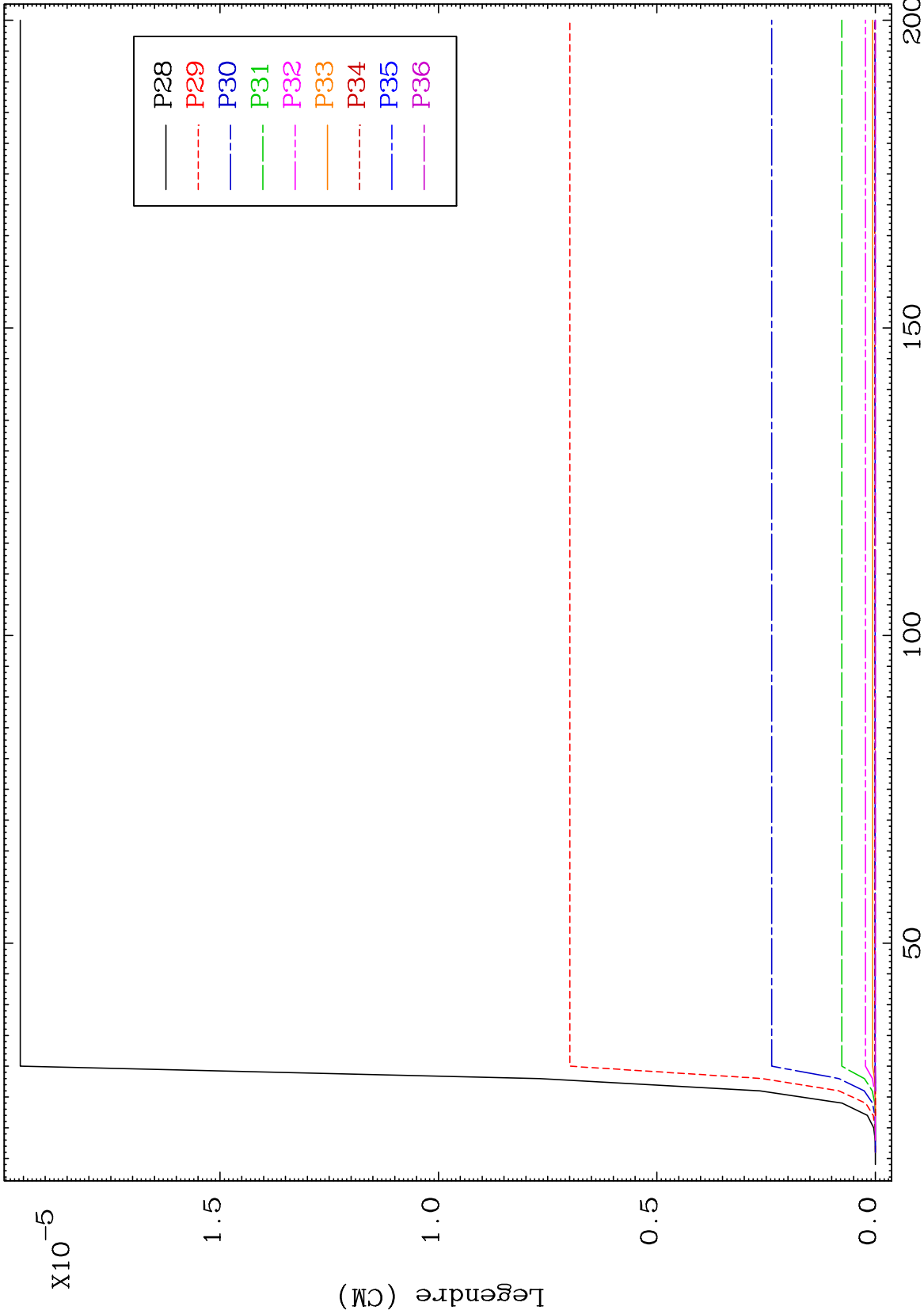
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



115

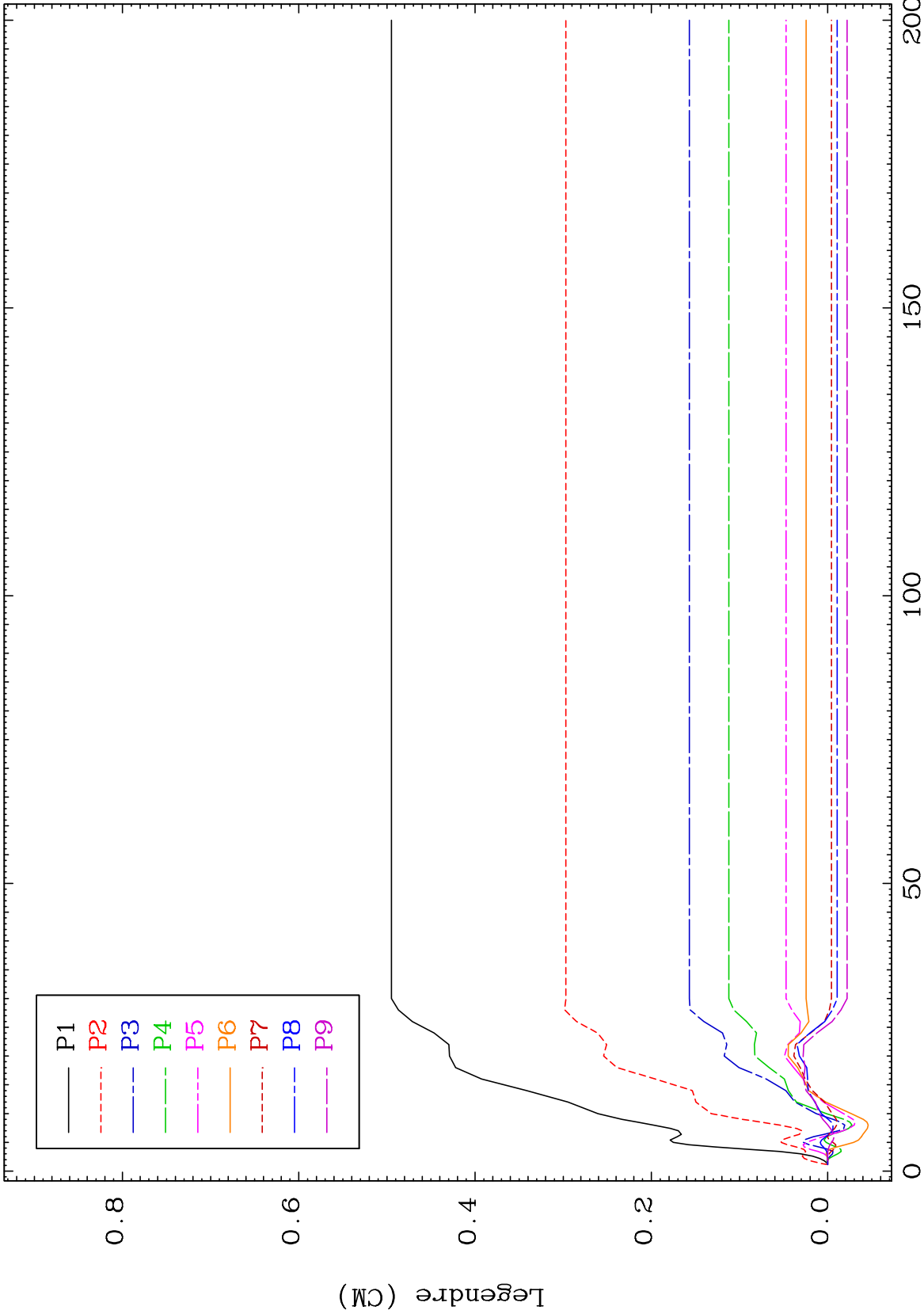
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

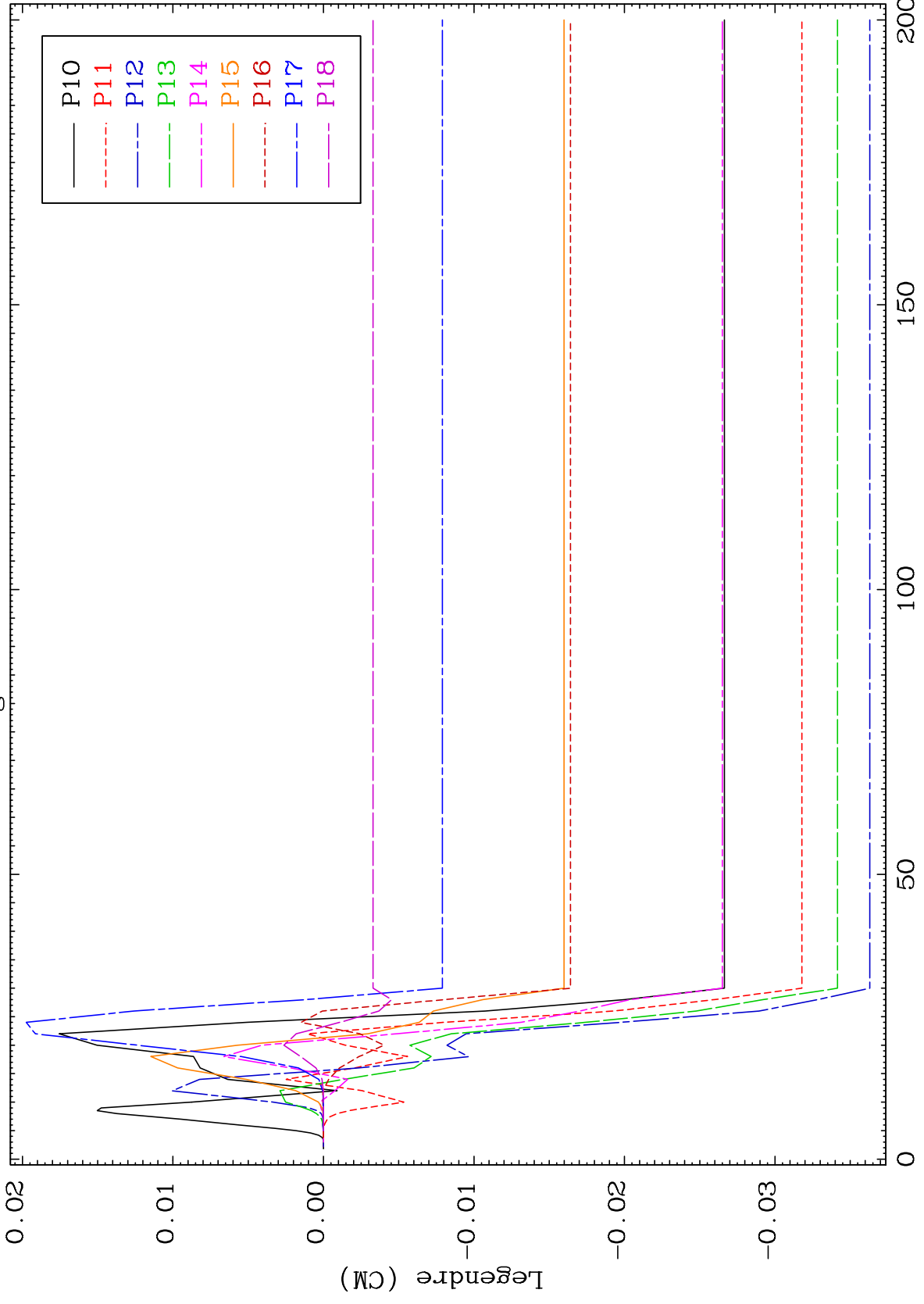


116

Incident Energy (MeV)

70-Yb-173

MAT 7040 MT= 76 (n,n') Level Legendre Coefficients 70-Yb-173

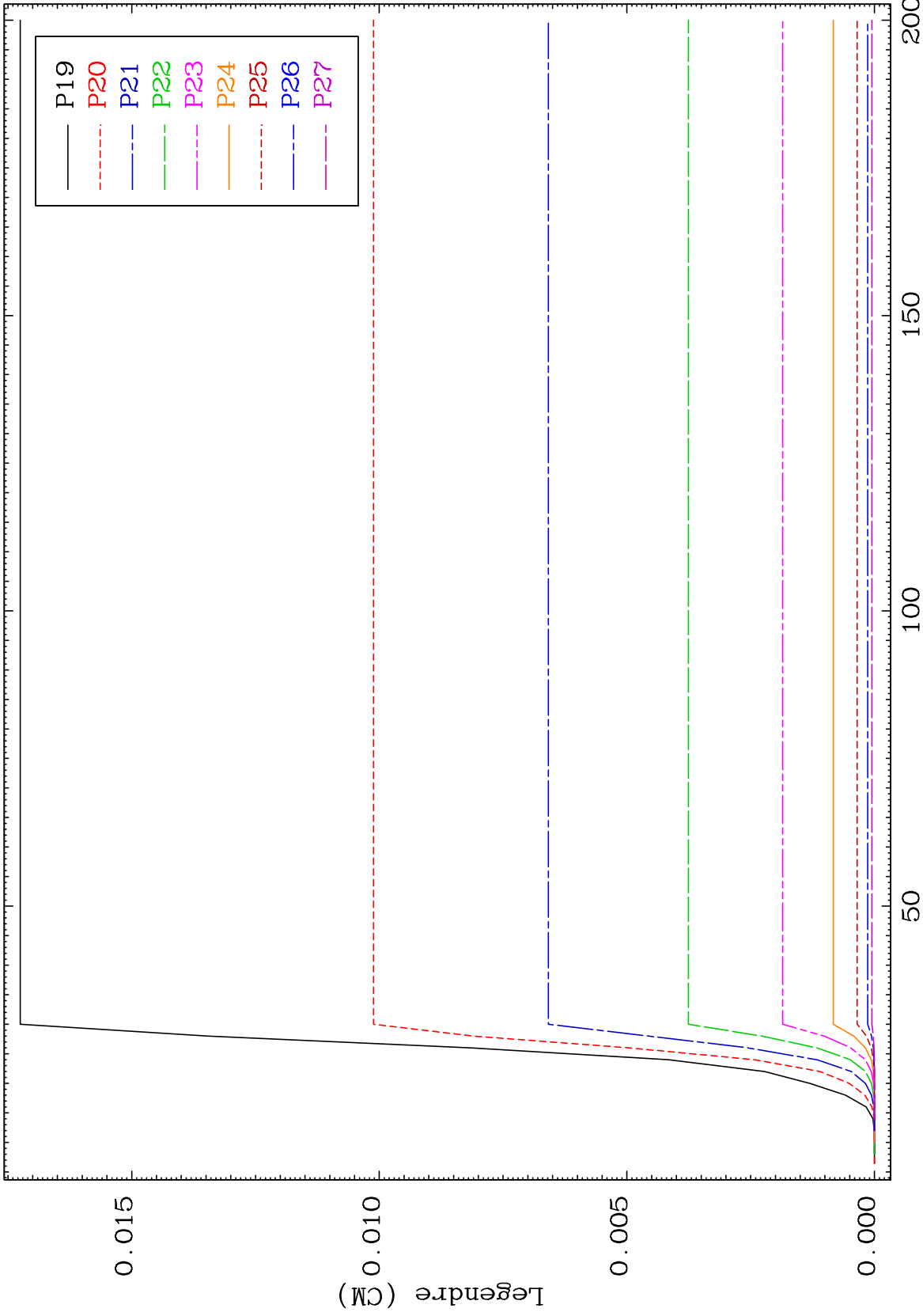


117 70-Yb-173

MAT 7040

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

70-Yb-173



118

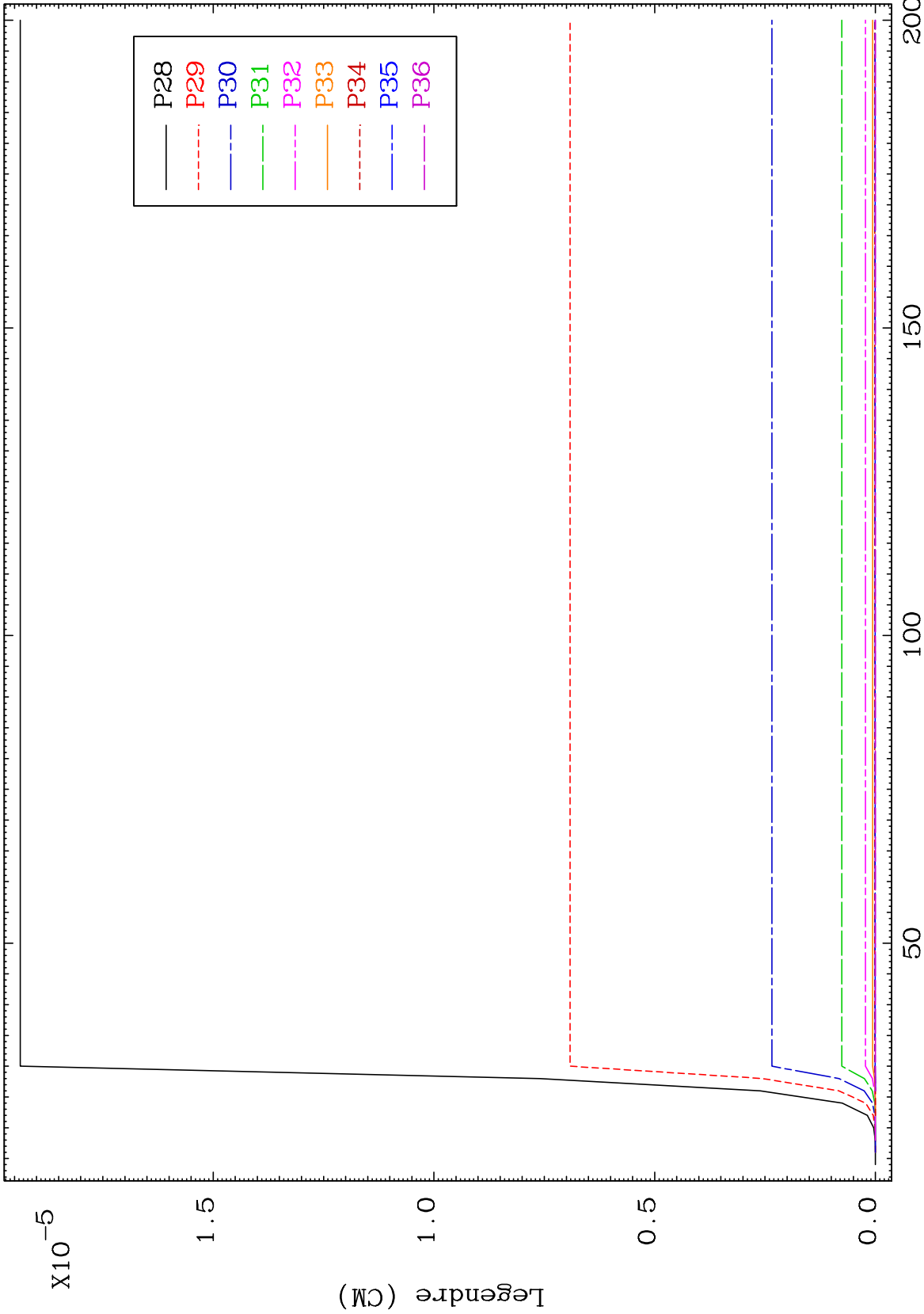
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



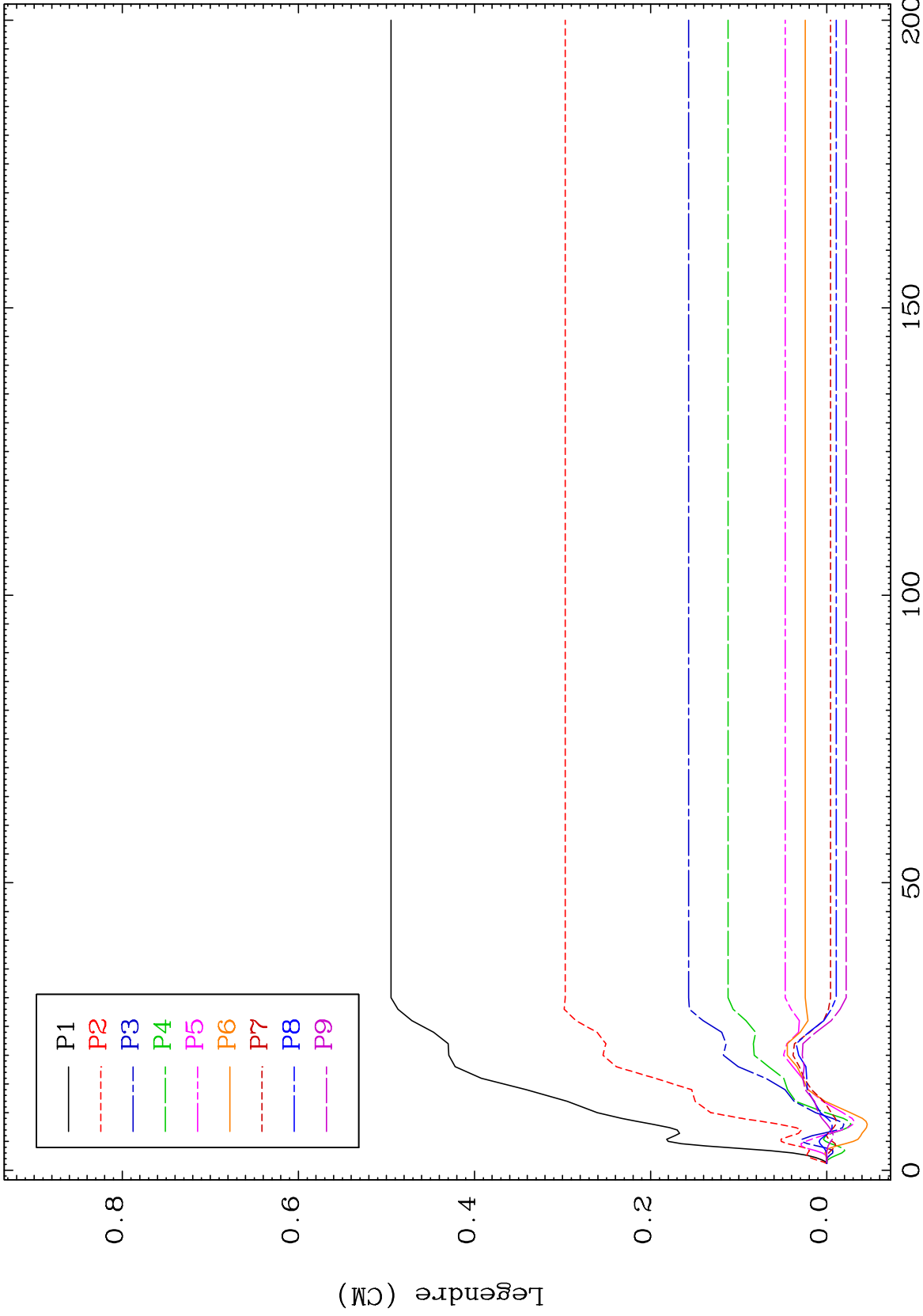
119

70-Yb-173

MAT 7040

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

70-Yb-173

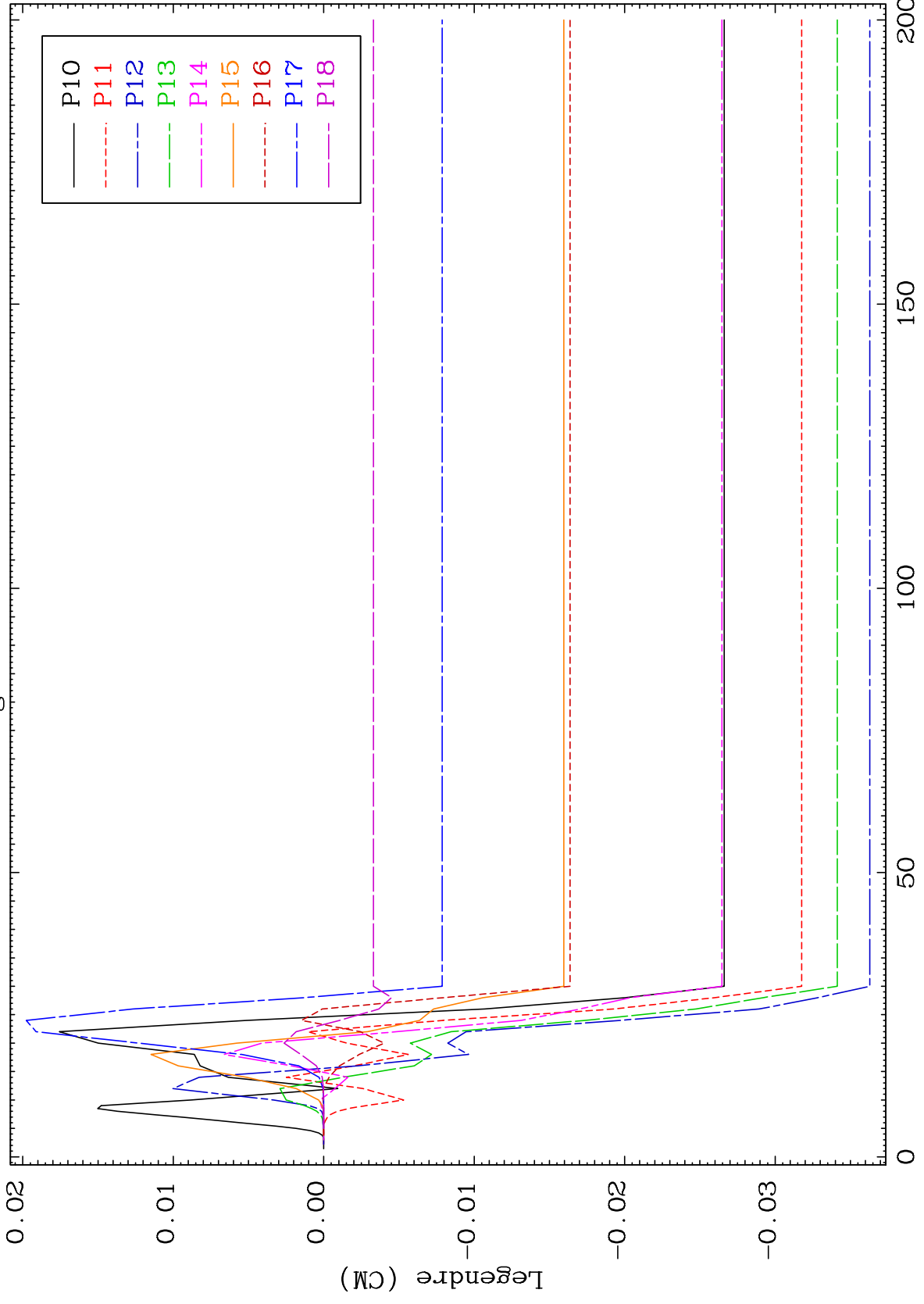


70-Yb-173

Incident Energy (MeV)

Legendre (CM)

MAT 7040 MT= 77 (n,n') Level Legendre Coefficients 70-Yb-173

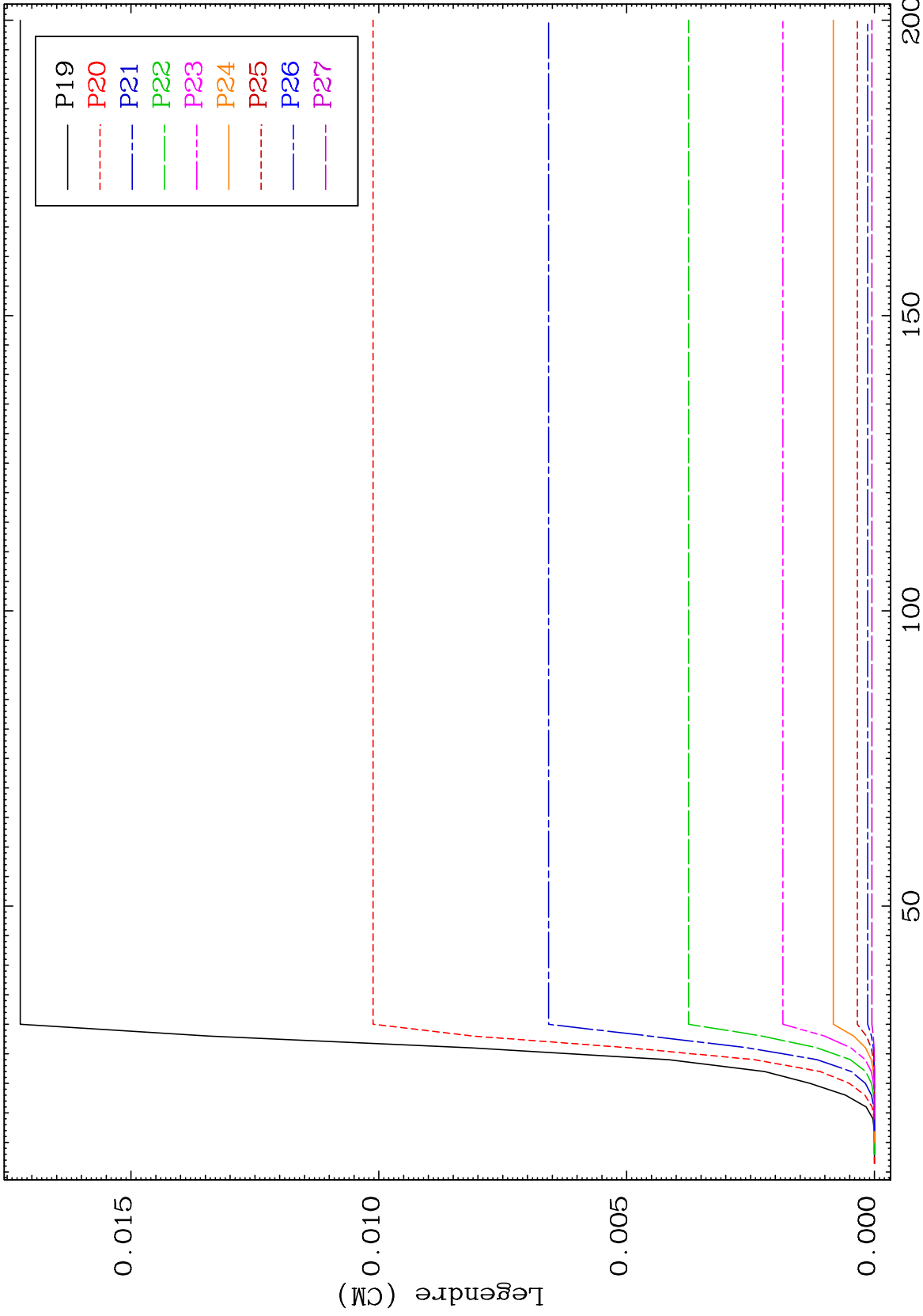


121 70-Yb-173

MAT 7040

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

70-Yb-173



122

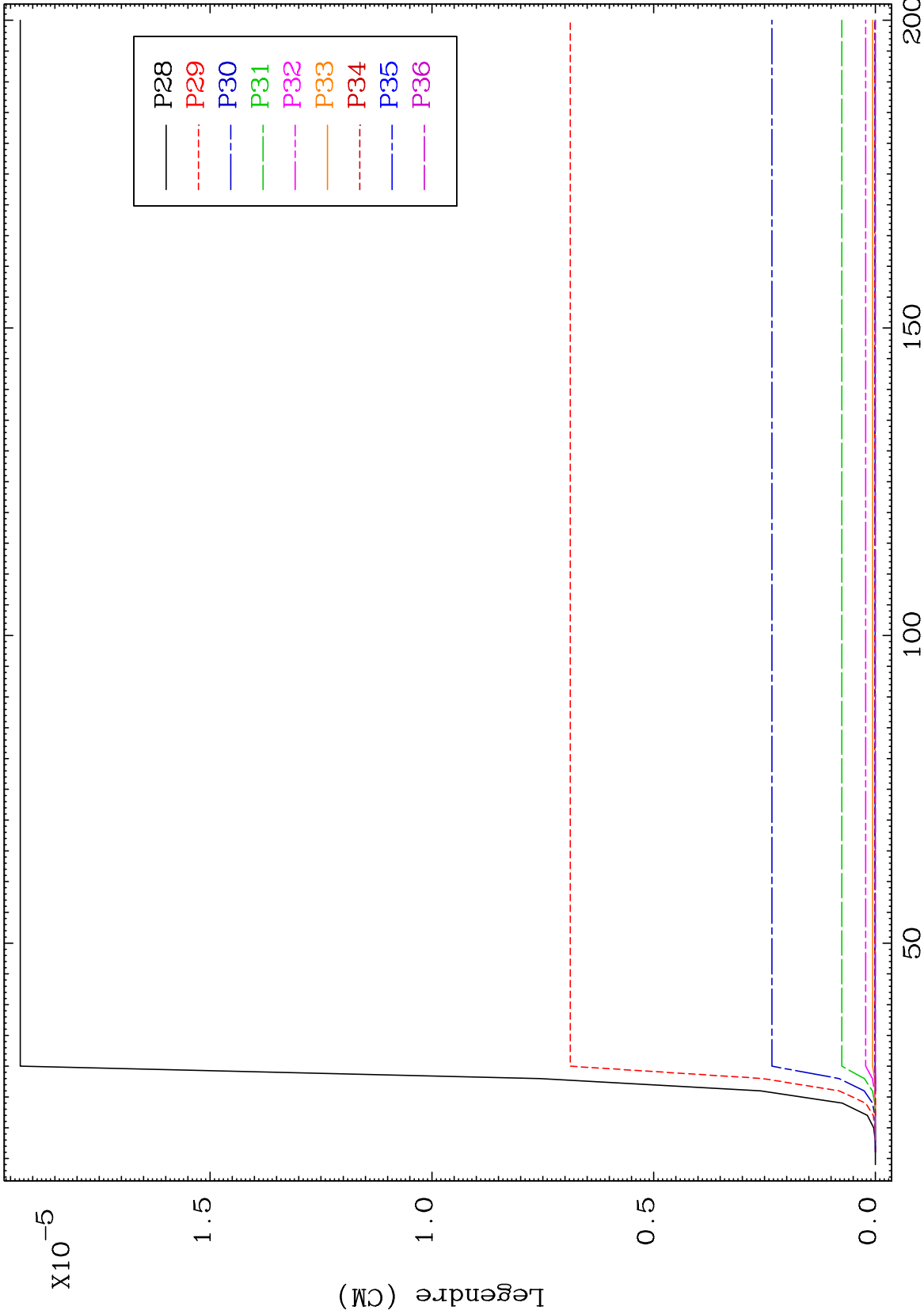
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



123

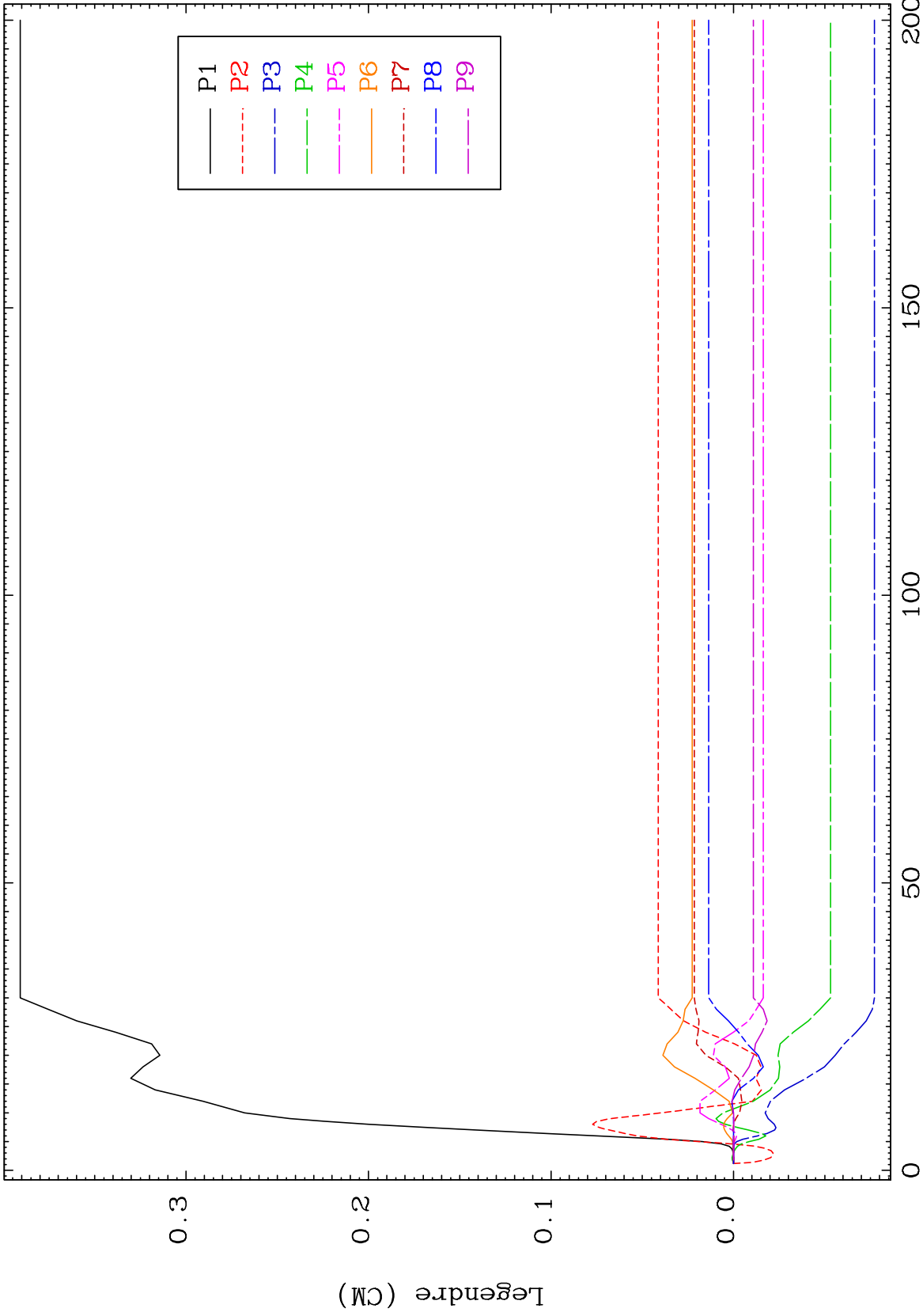
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

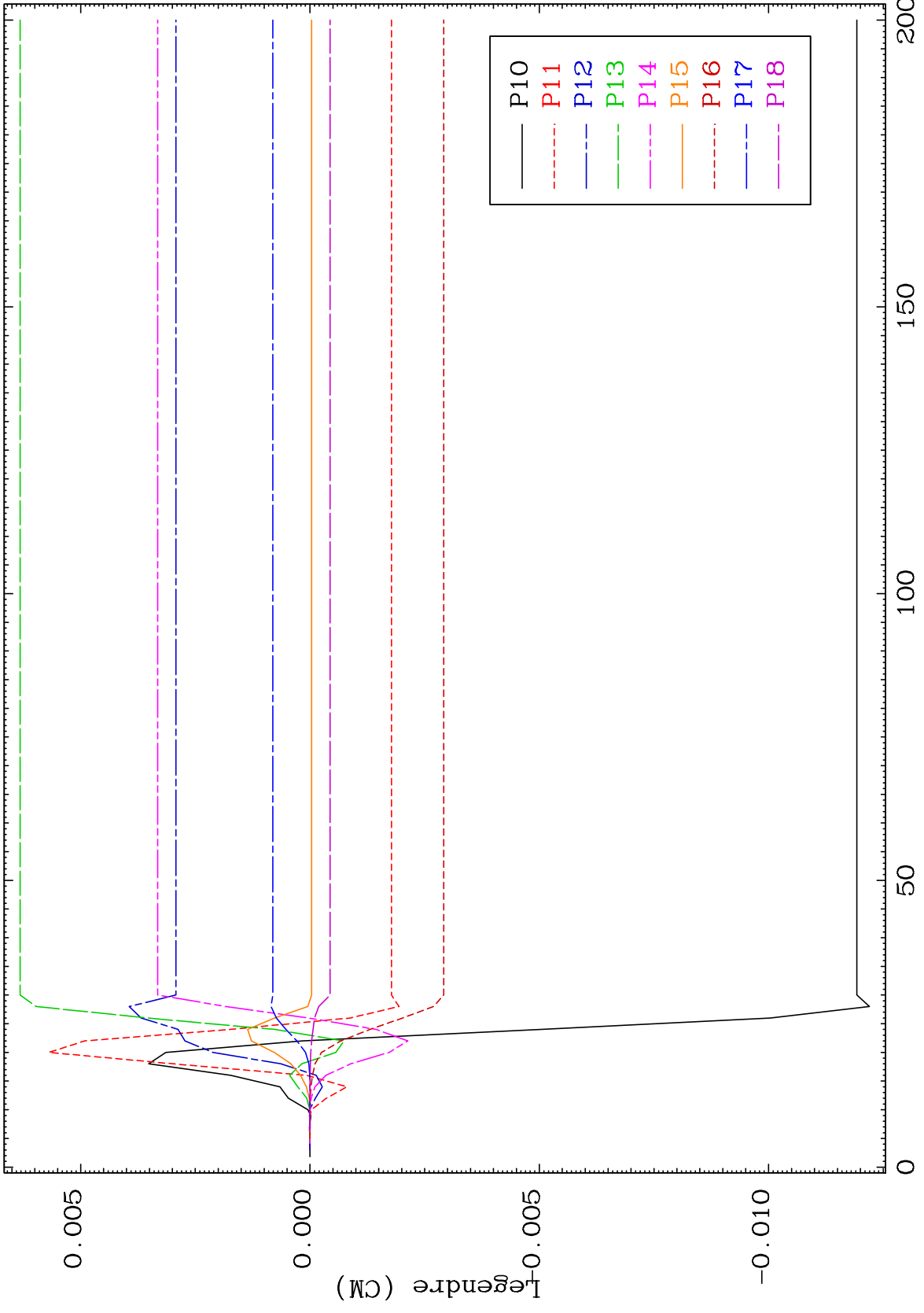


124

Incident Energy (MeV)

70-Yb-173

MAT 7040 MT= 78 (n,n') Level Legendre Coefficients 70-Yb-173



125 Incident Energy (MeV) 70-Yb-173

MAT 7040

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

70-Yb-173



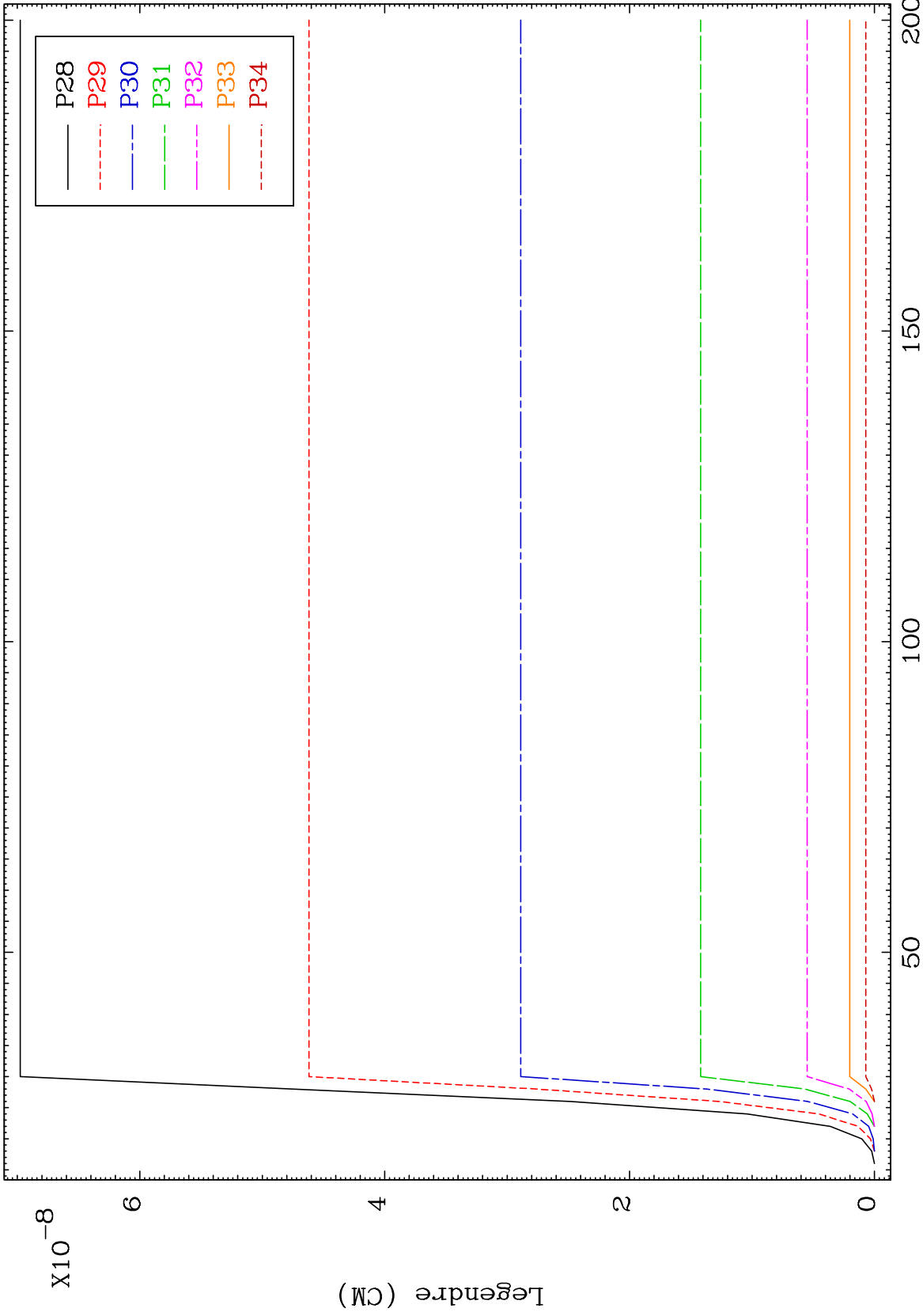
126

70-Yb-173

MAT 7040

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

70-Yb-173



127

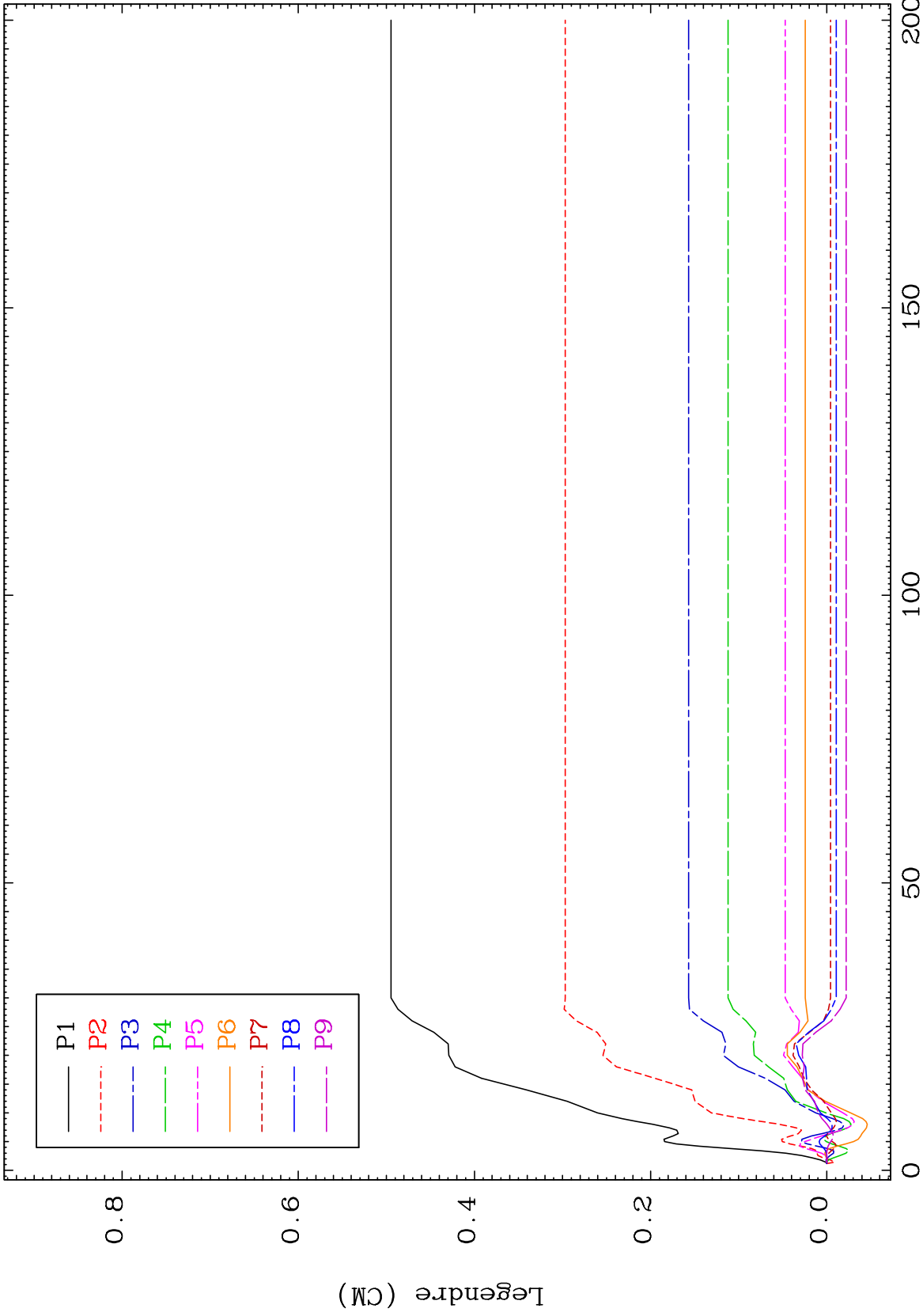
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

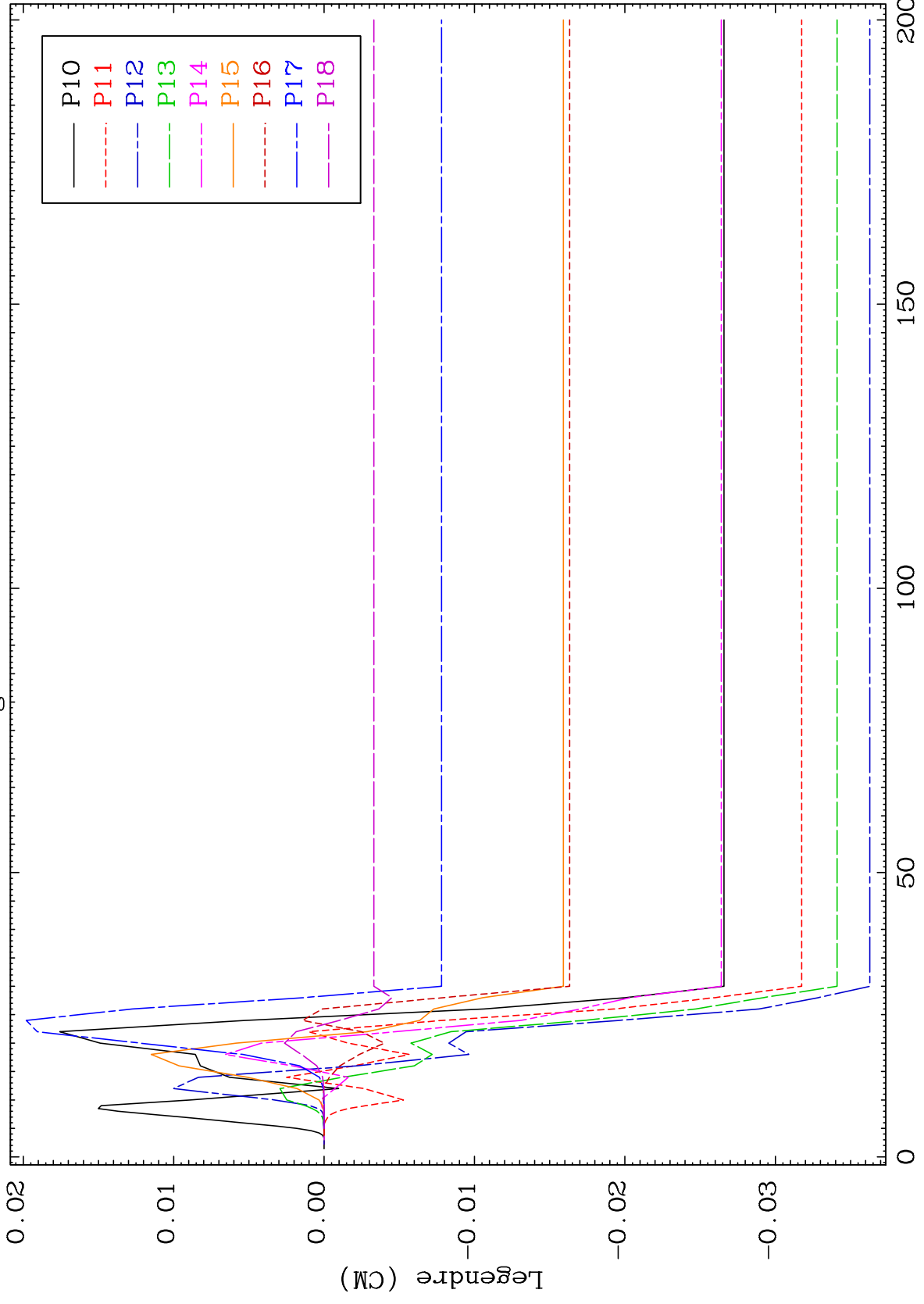


128

Incident Energy (MeV)

70-Yb-173

MAT 7040 MT= 79 (n,n') Level Legendre Coefficients 70-Yb-173

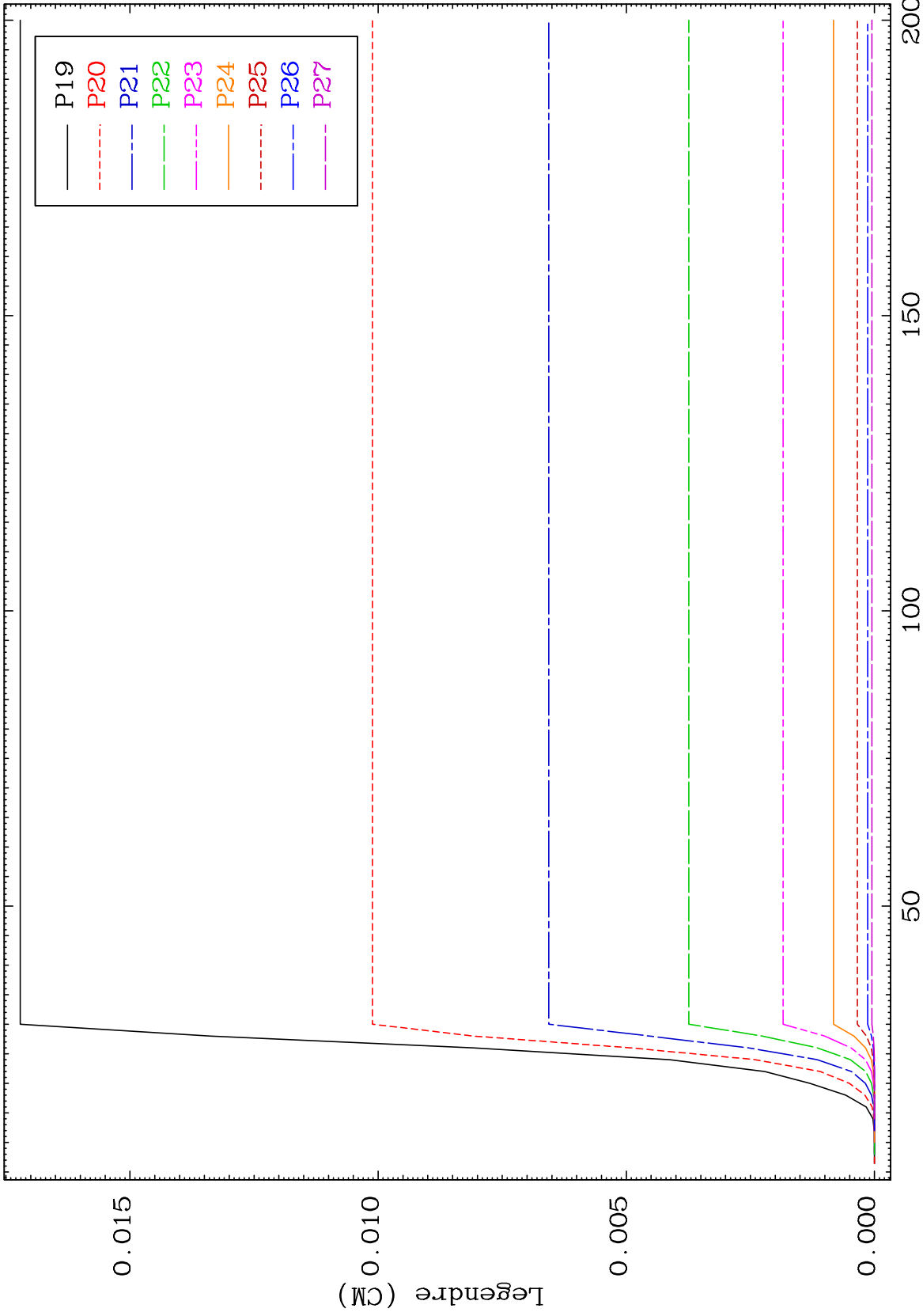


129 70-Yb-173

MAT 7040

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

70-Yb-173



130

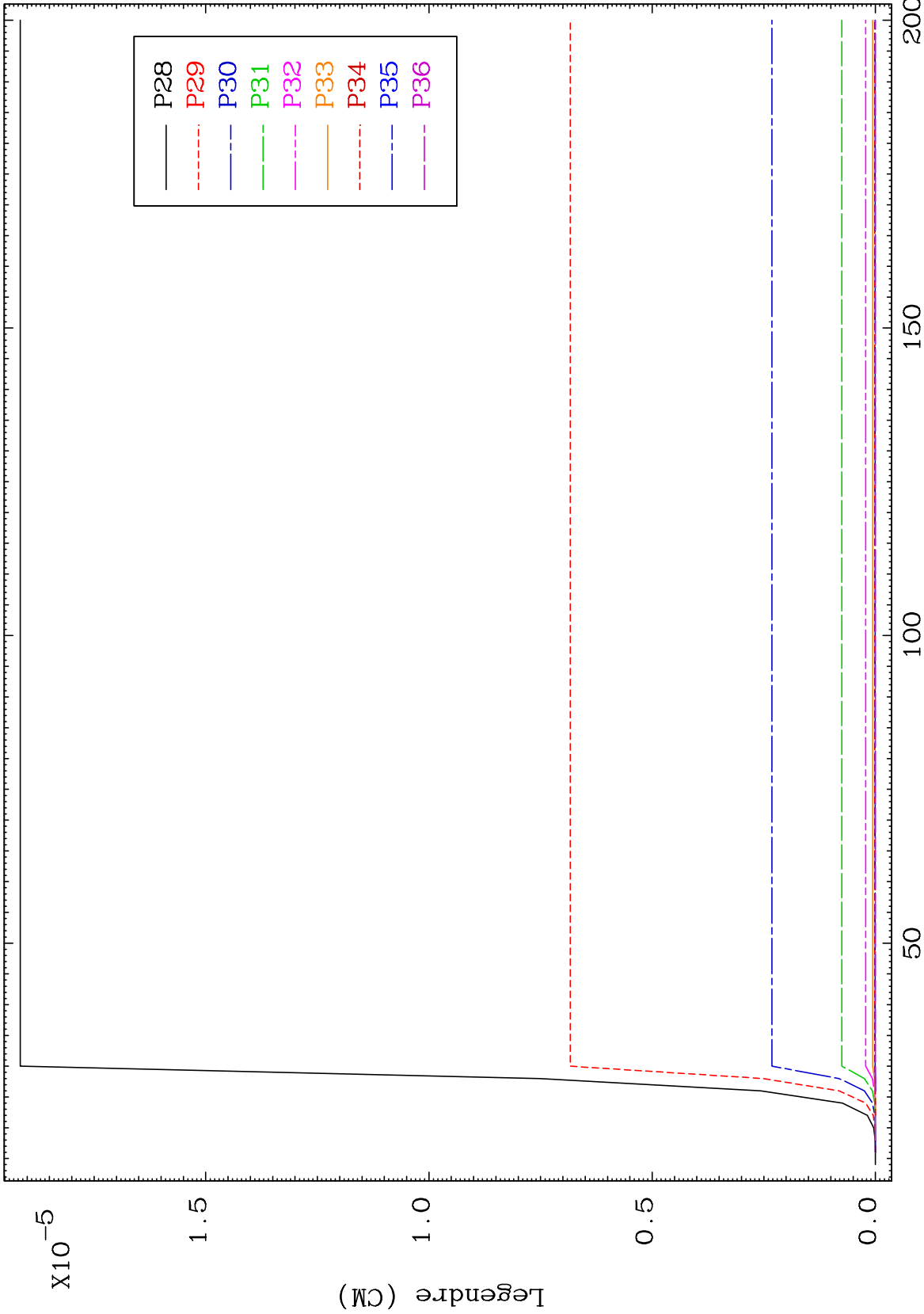
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



131

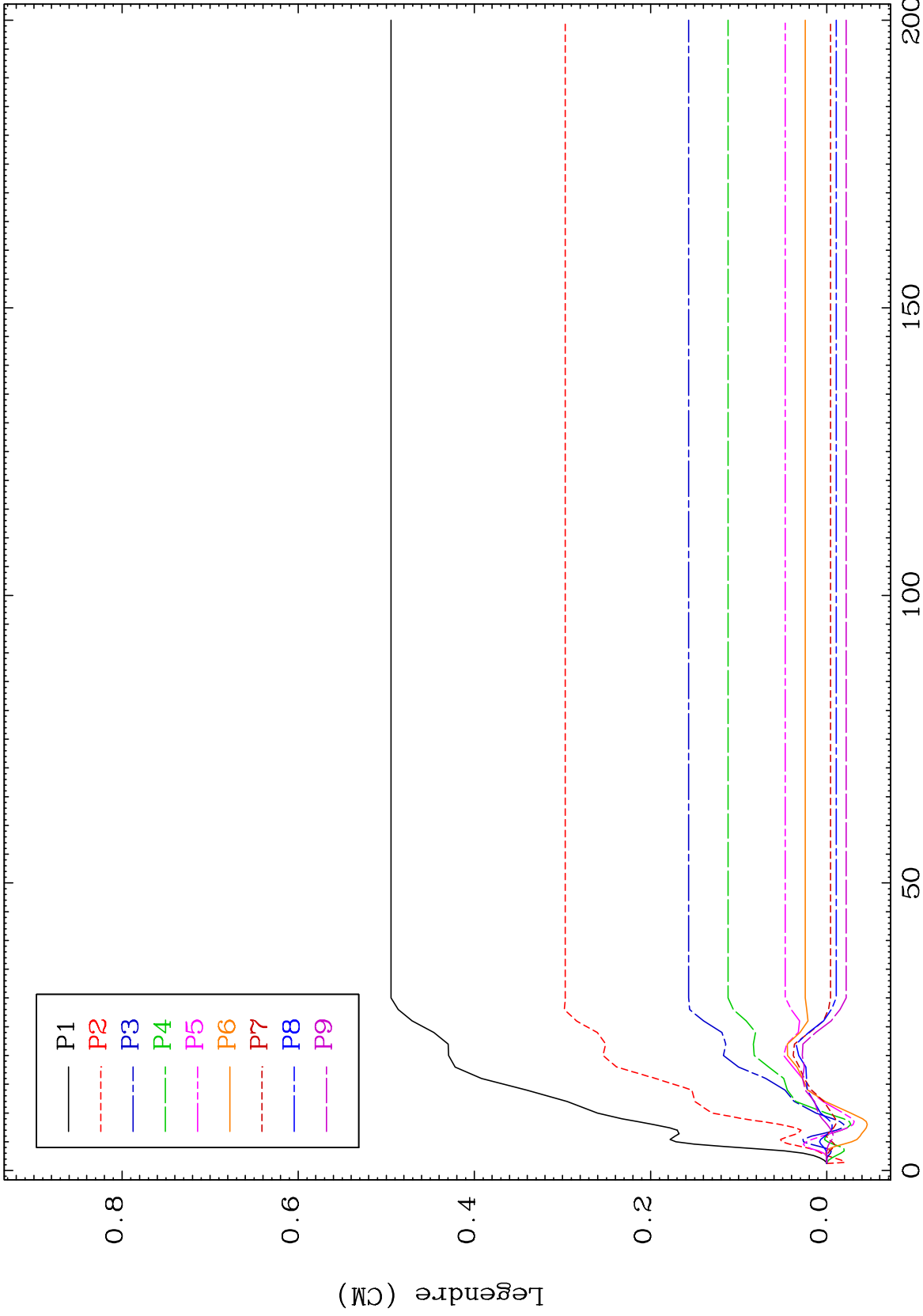
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173

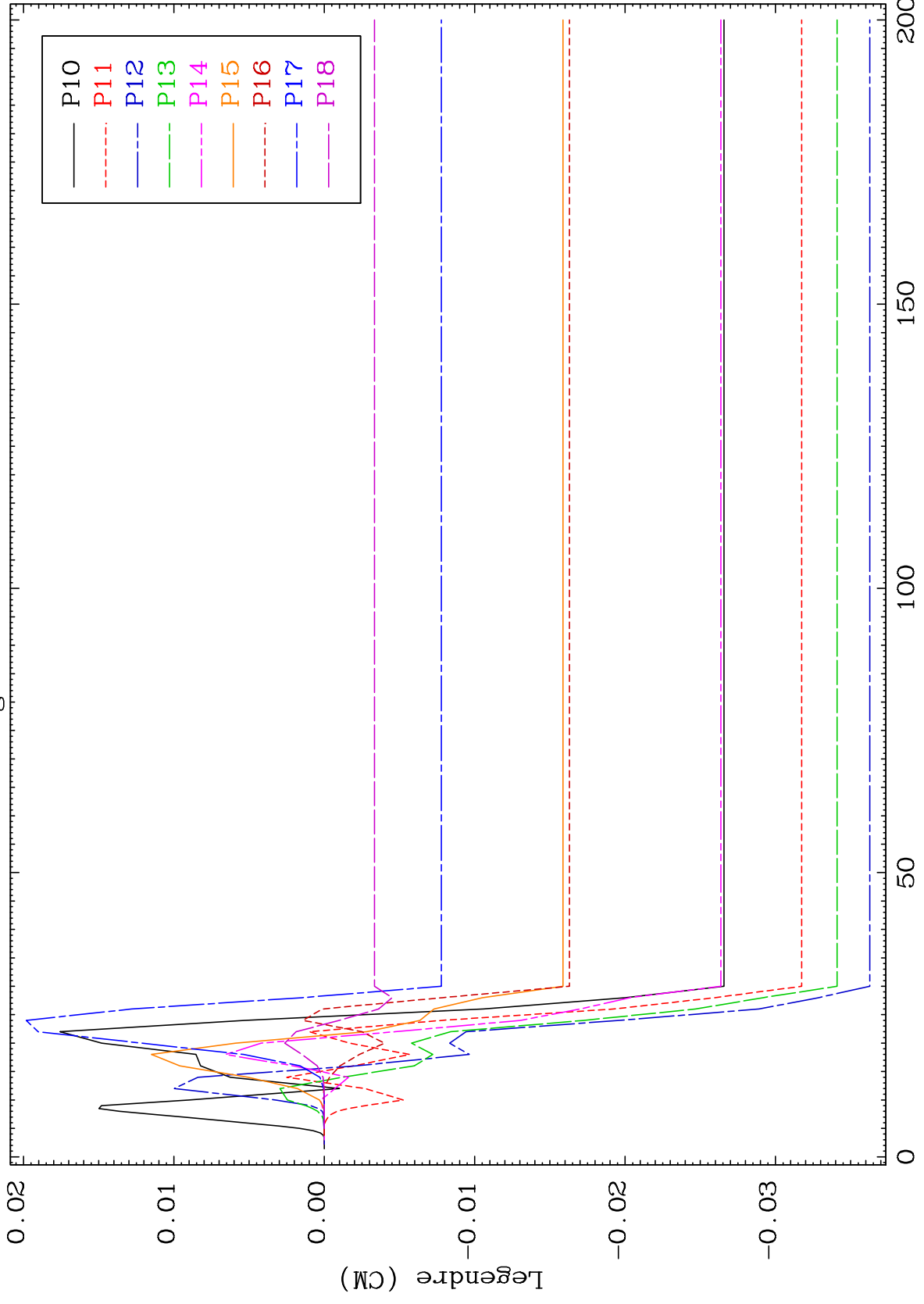


132

Incident Energy (MeV)

70-Yb-173

MAT 7040 MT= 80 (n,n') Level Legendre Coefficients 70-Yb-173

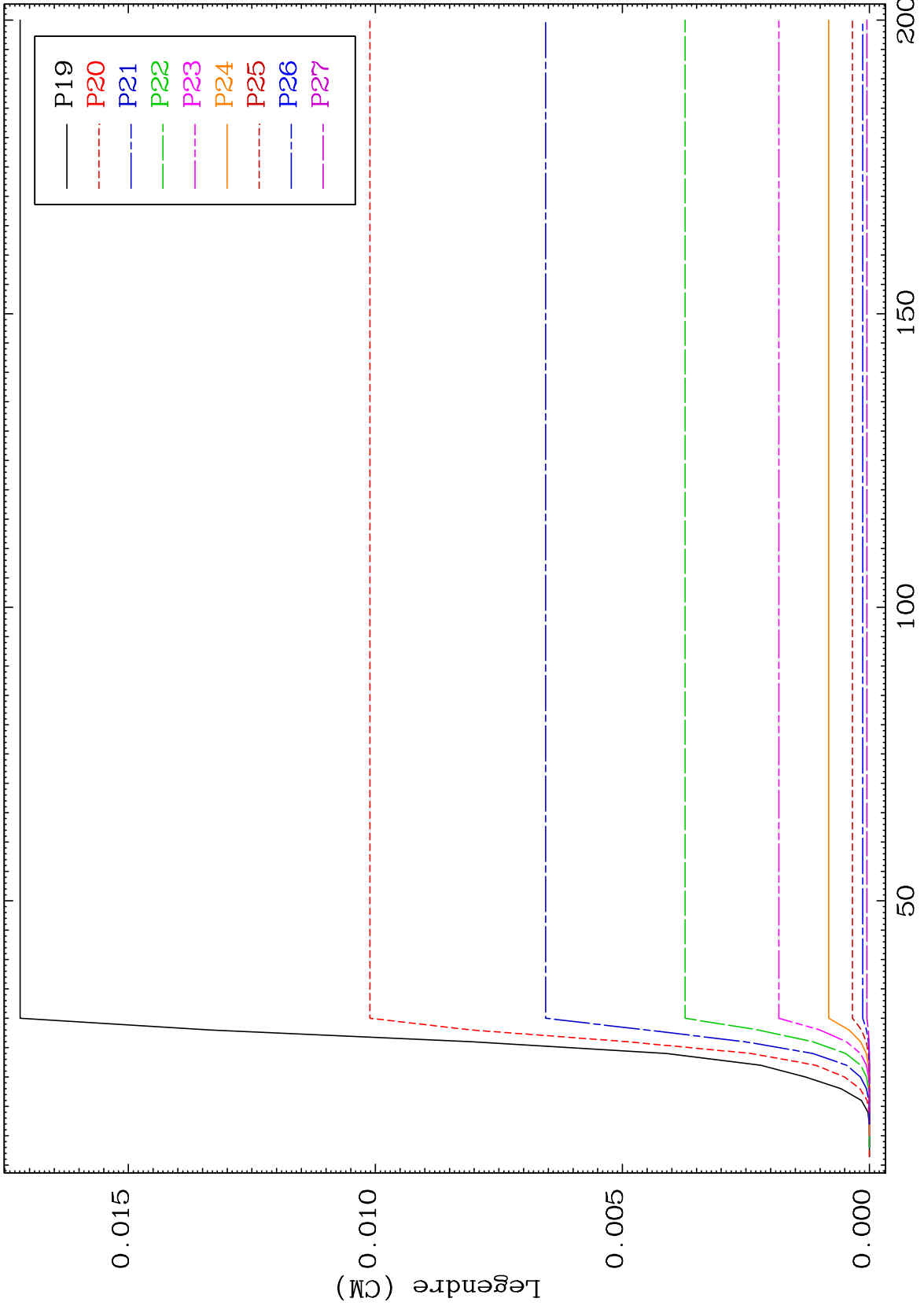


133 70-Yb-173

MAT 7040

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

70-Yb-173



134

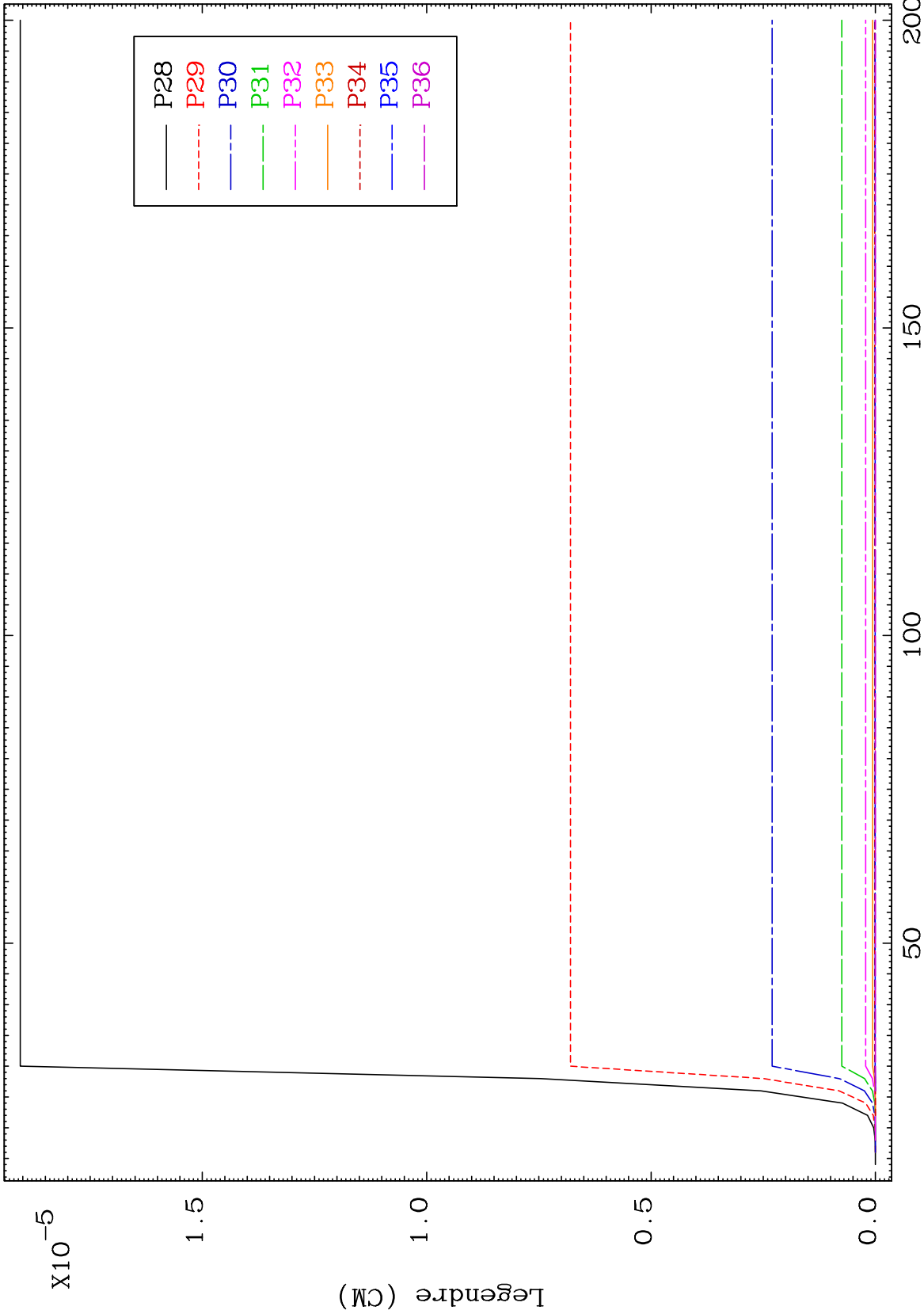
Incident Energy (MeV)

70-Yb-173

MAT 7040

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

70-Yb-173



135

Incident Energy (MeV)

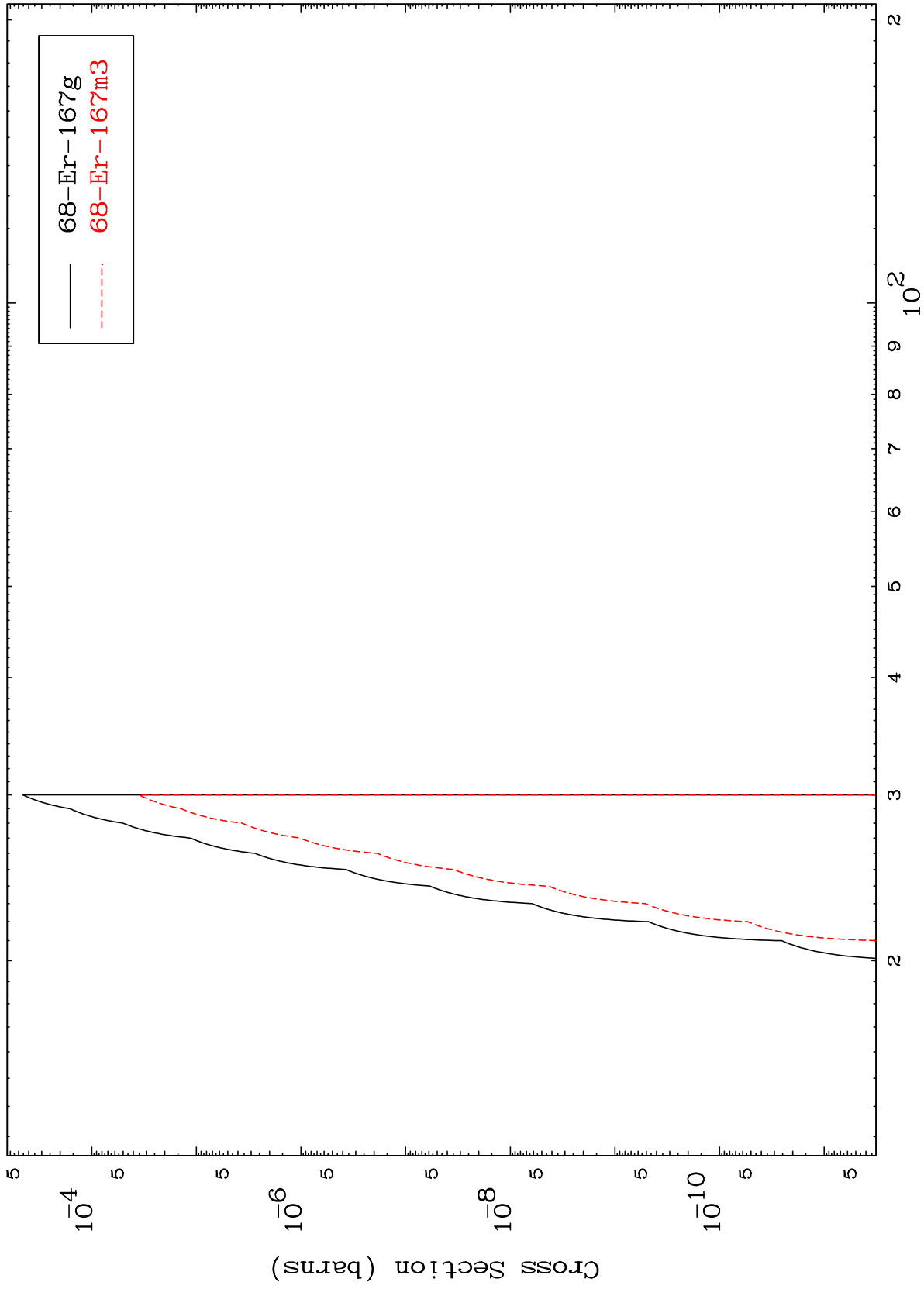
70-Yb-173

MAT 7040

(n,3n) α

70-Yb-173

Radionuclide Production Cross Section



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Incident Energy (MeV)

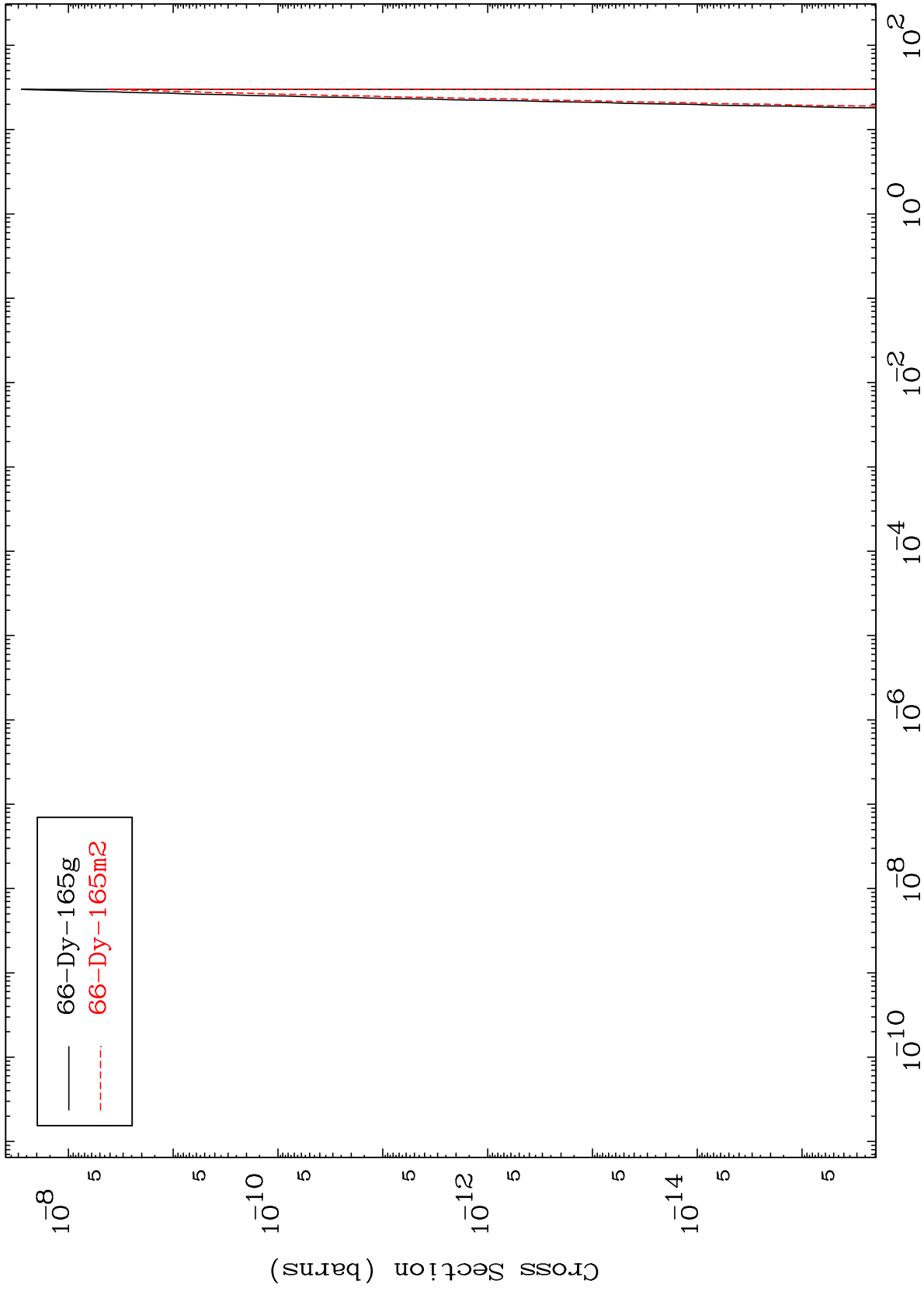
70-Yb-173

MAT 7040

(n,n') 2 α

70-Yb-173

Radionuclide Production Cross Section



137

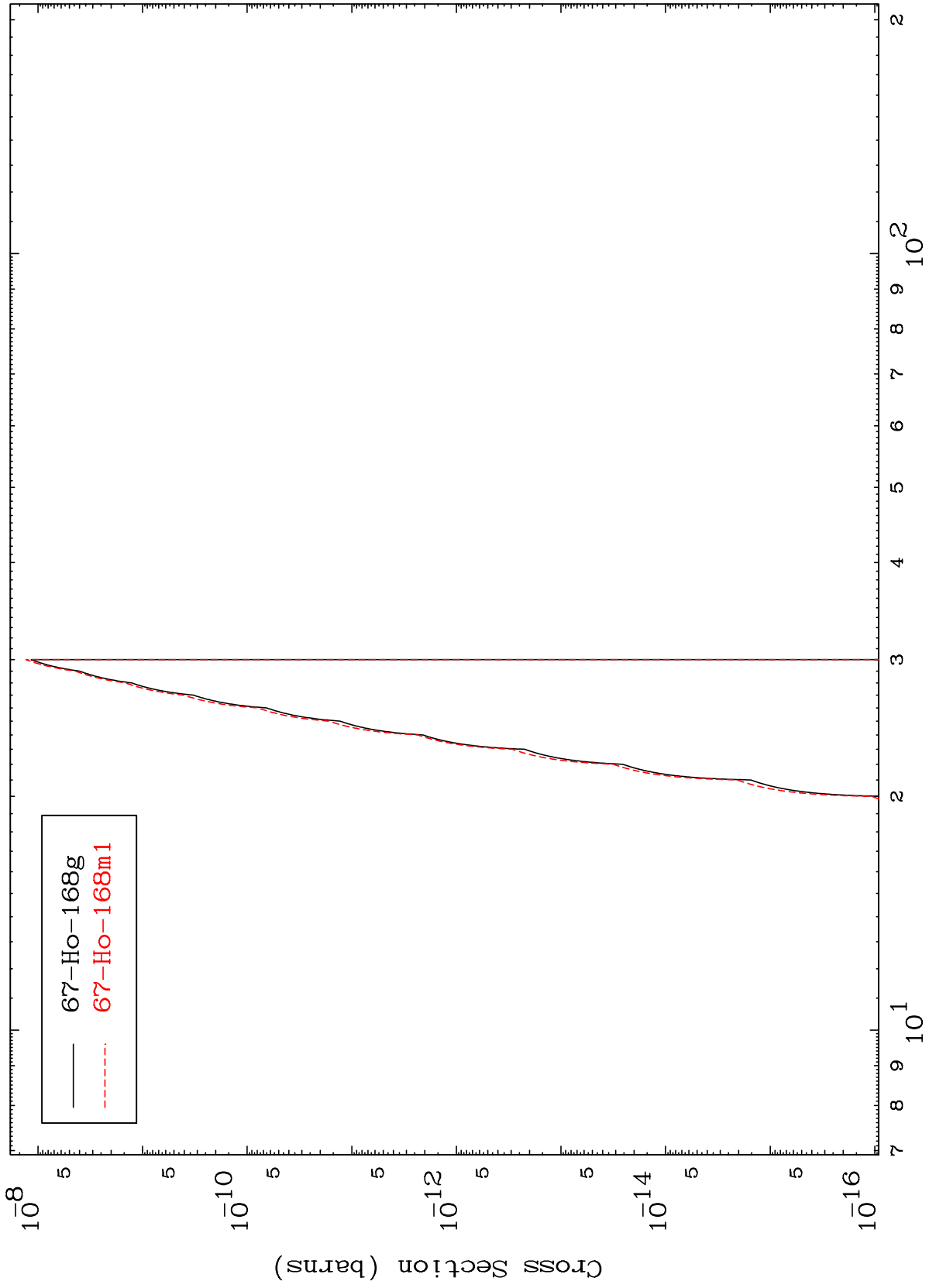
Incident Energy (MeV)

70-Yb-173

MAT 7040

70-Yb-173

(n,n') p α
Radionuclide Production Cross Section



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Incident Energy (MeV)

70-Yb-173