

Program EVALPLOT
(Version 2018-1)

by

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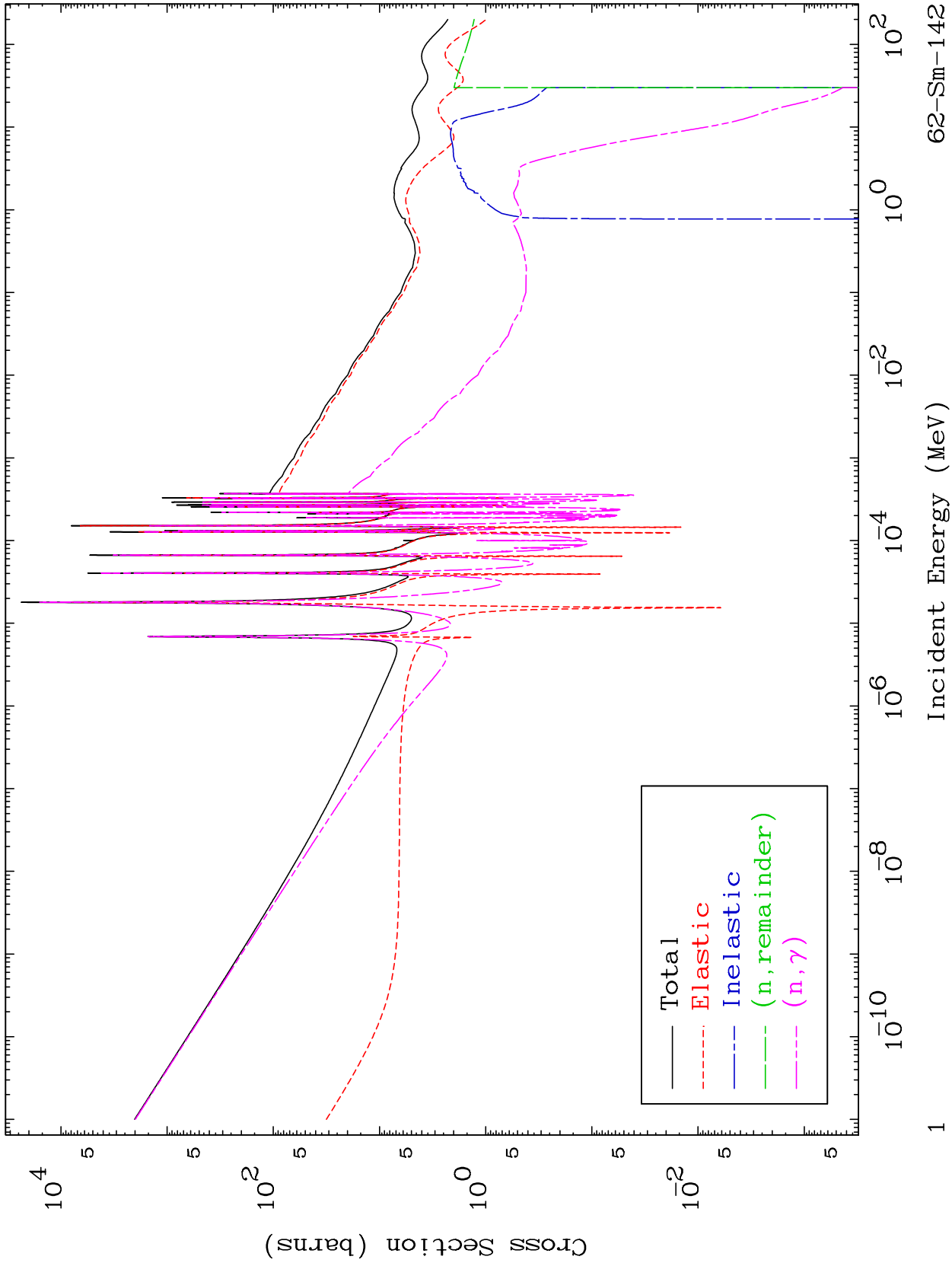
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6219

Major
293 Kelvin Cross Sections

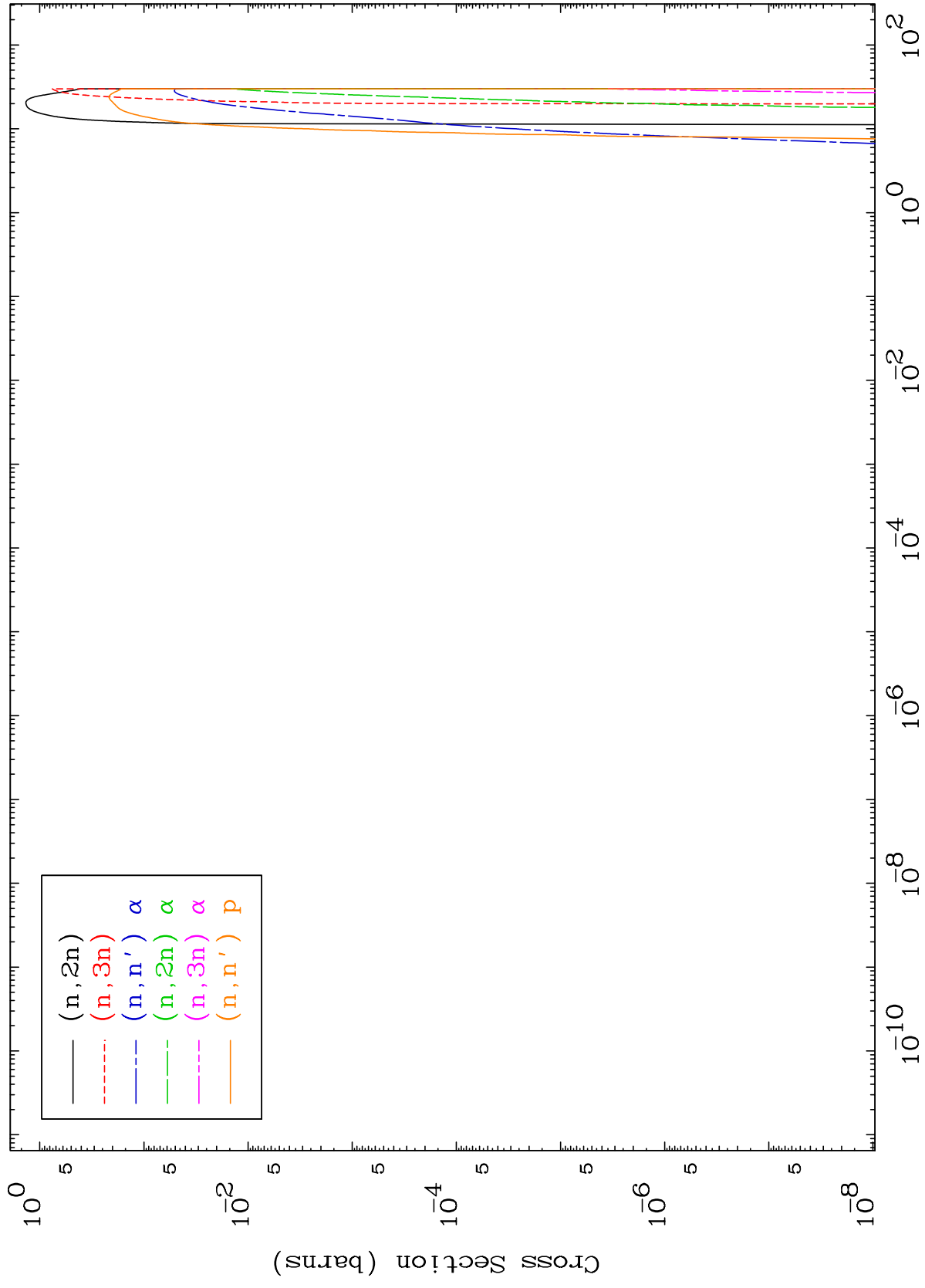
62-Sm-142



MAT 6219

Neutron Production
293 Kelvin Cross Sections

62-Sm-142

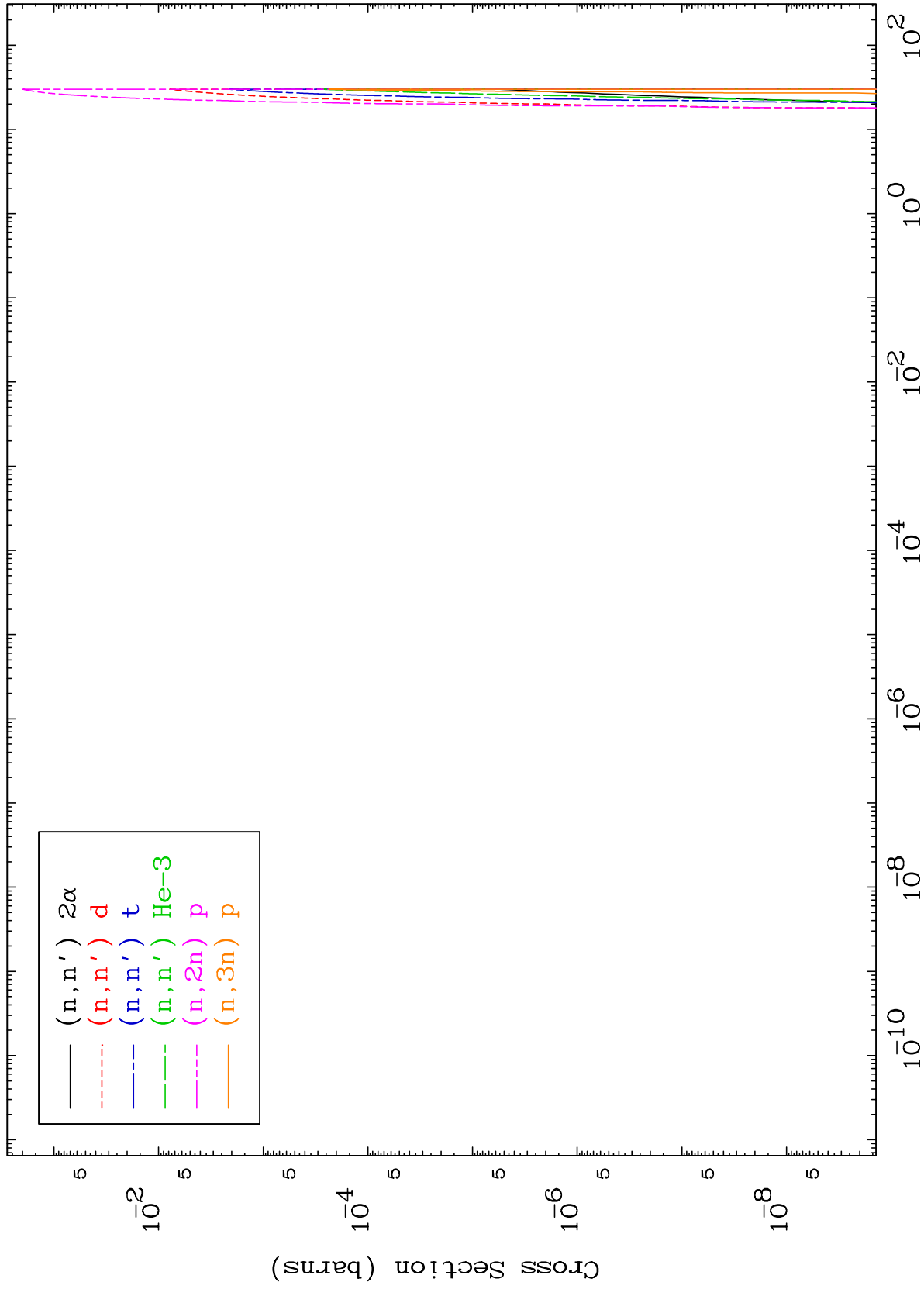


62-Sm-142

MAT 6219

Neutron Production
293 Kelvin Cross Sections

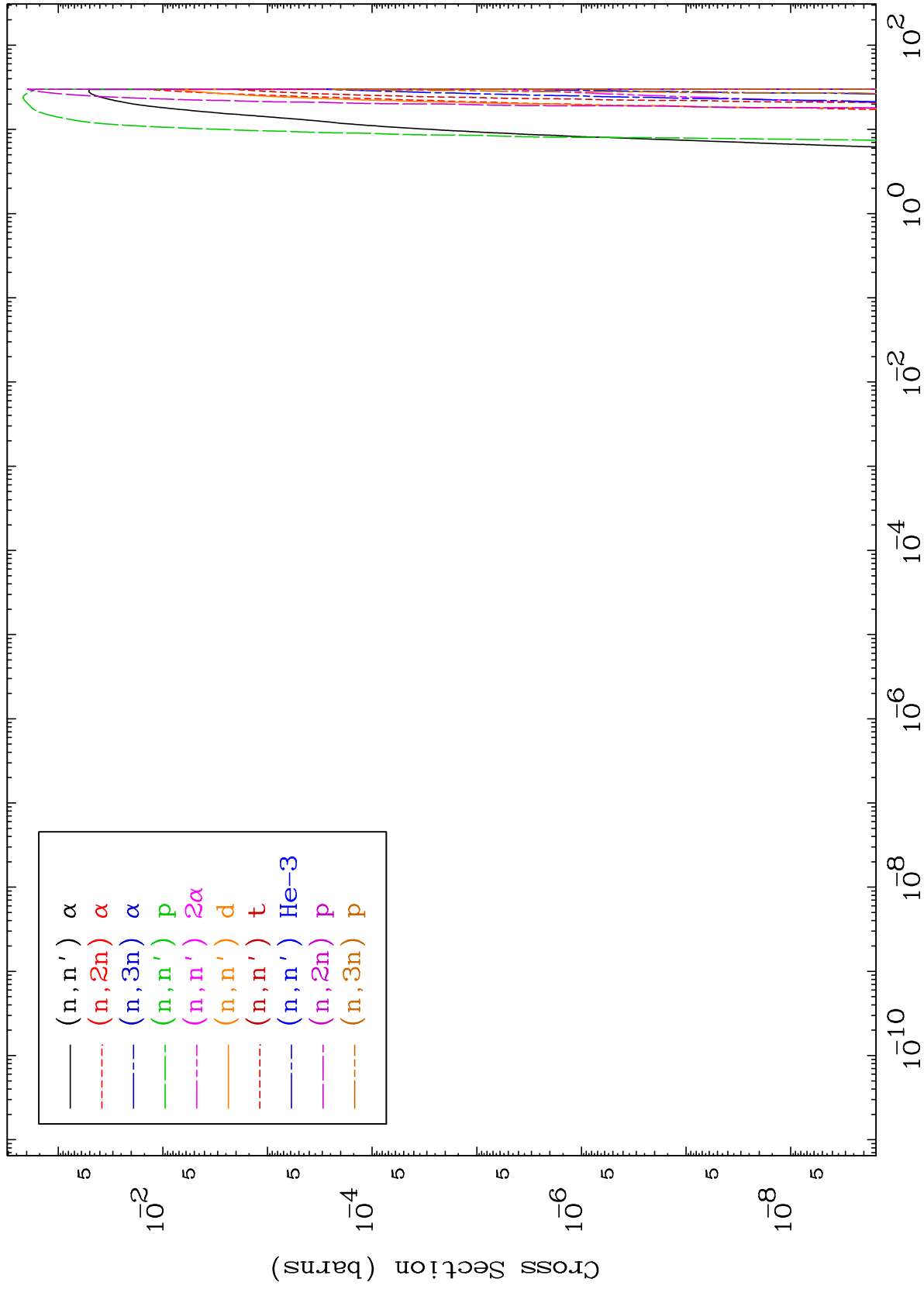
62-Sm-142



MAT 6219

Charged Particle
293 Kelvin Cross Sections

62-Sm-142



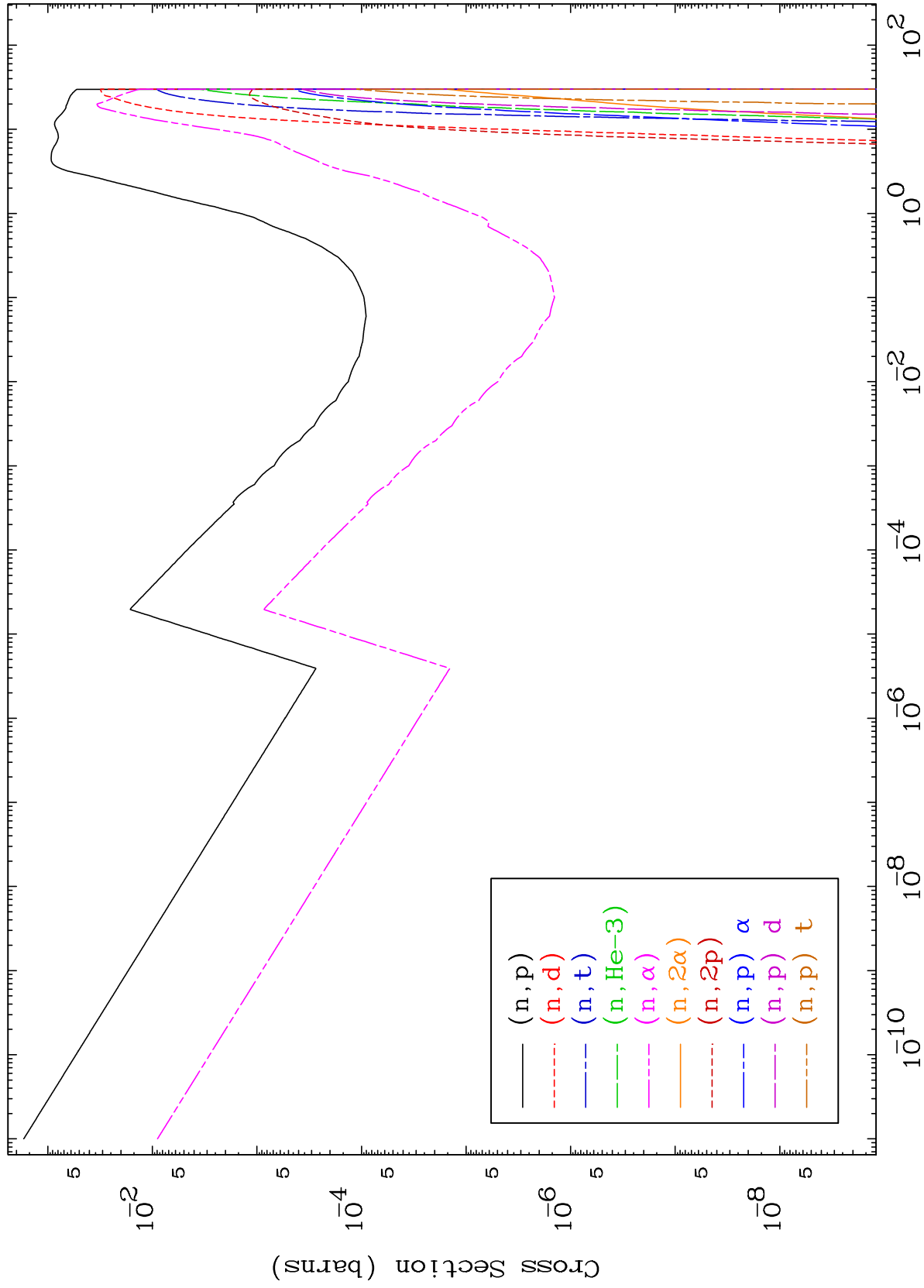
62-Sm-142

Incident Energy (MeV)

MAT 6219

293 Kelvin Cross Sections

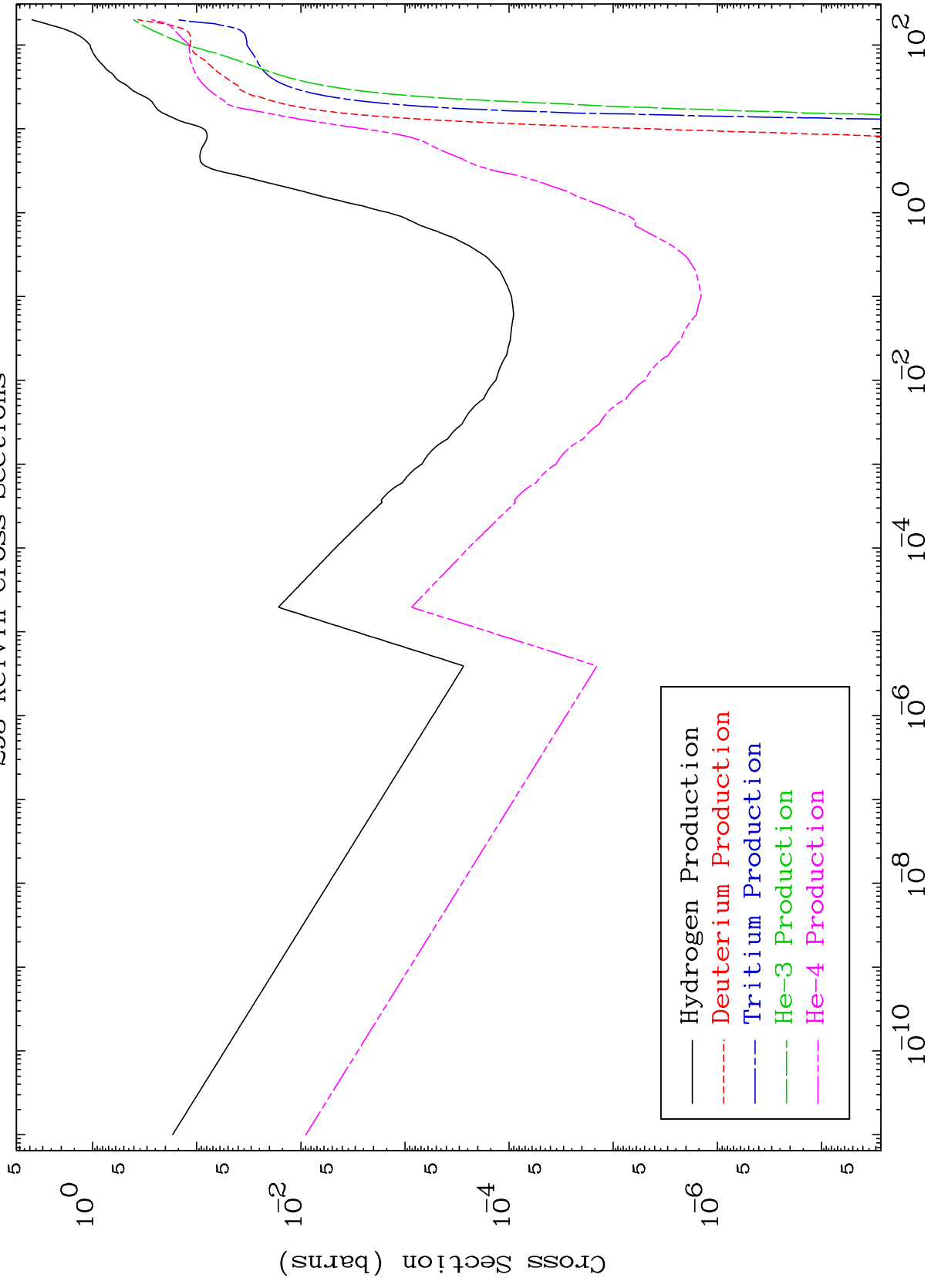
62-Sm-142



MAT 6219

Particle Production
293 Kelvin Cross Sections

62-Sm-142



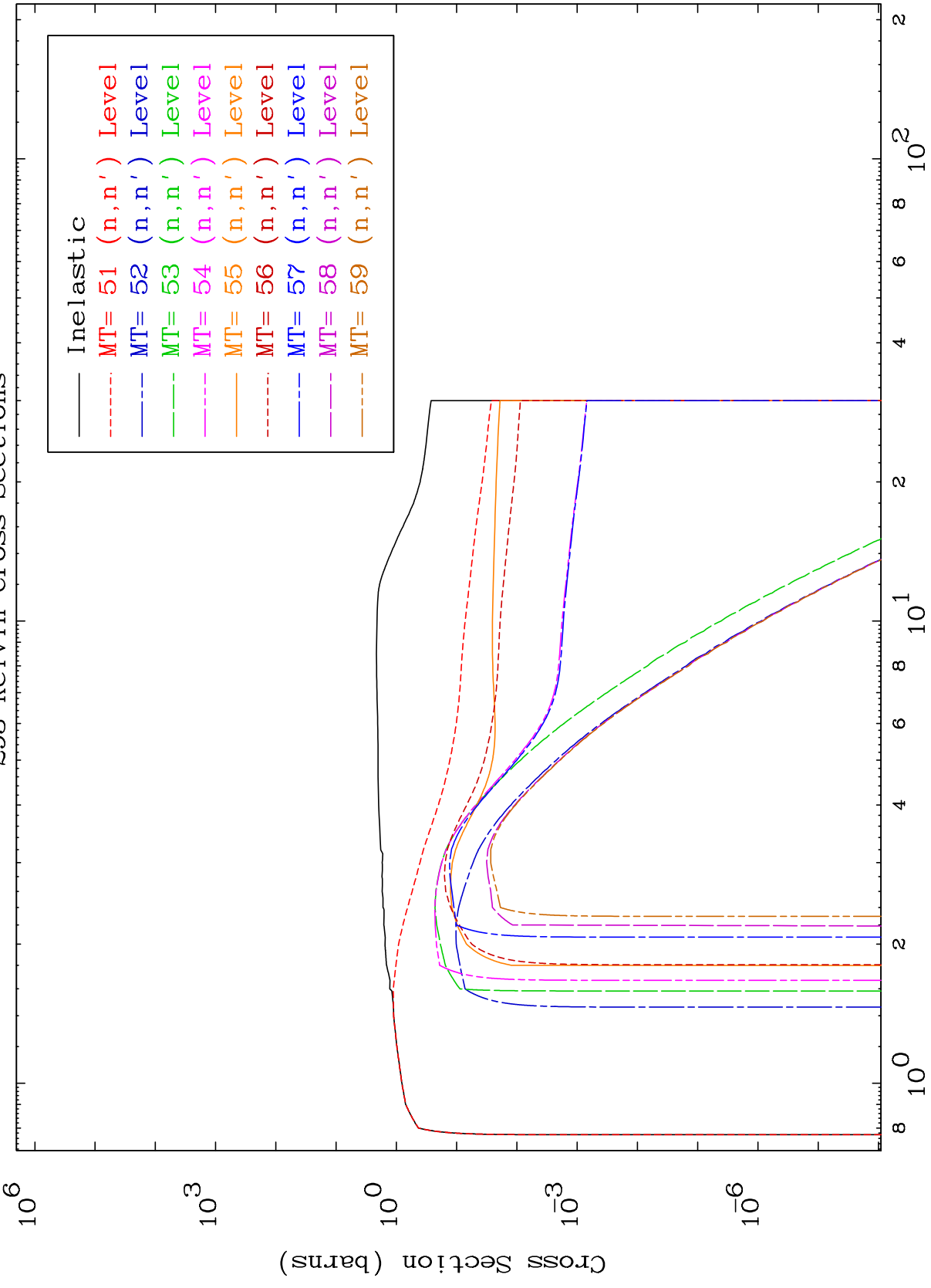
6

62-Sm-142

MAT 6219

(n,n') Level
293 Kelvin Cross Sections

62-Sm-142



7

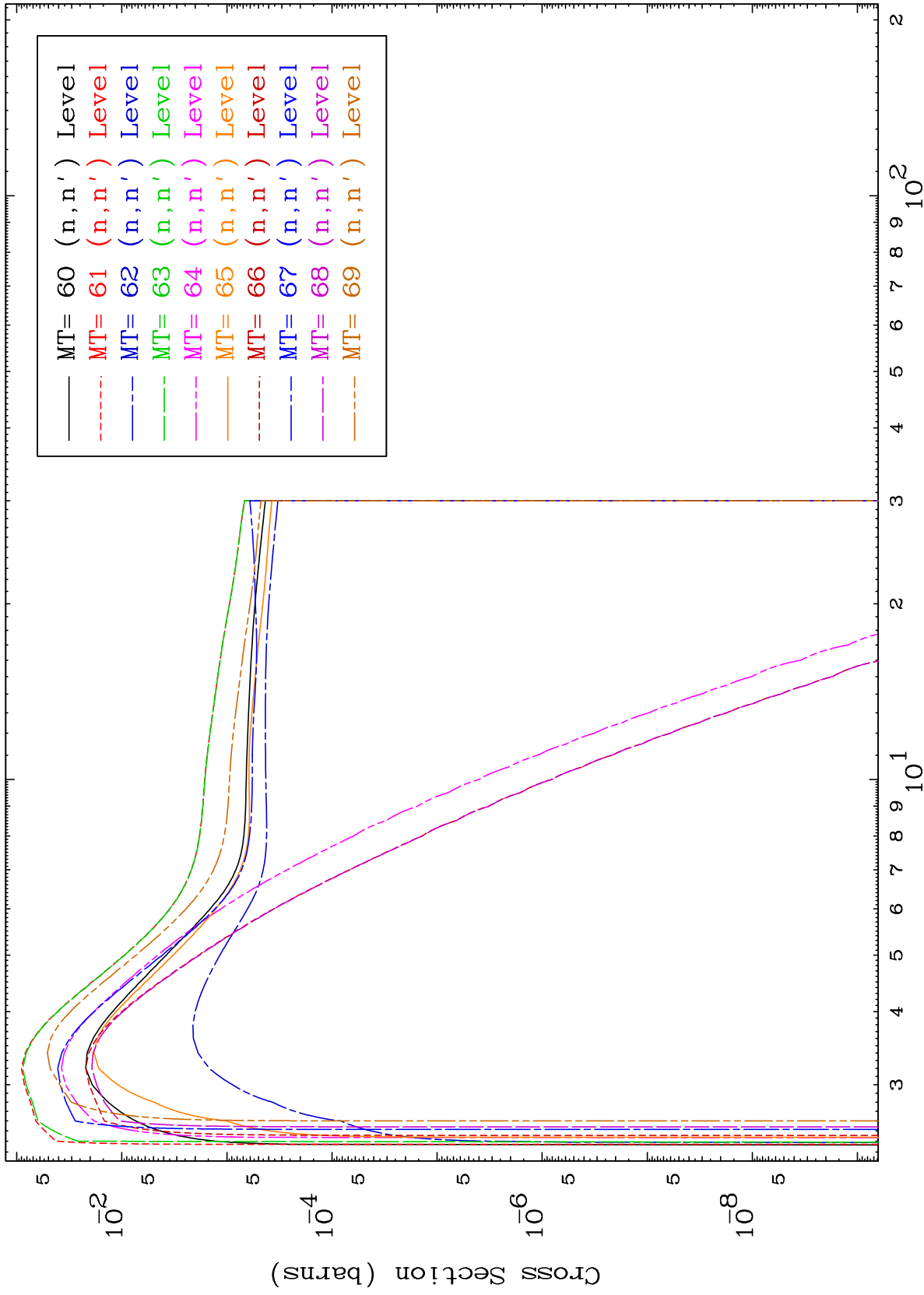
Incident Energy (MeV)

62-Sm-142

MAT 6219

(n,n') Level
293 Kelvin Cross Sections

62-Sm-142



8

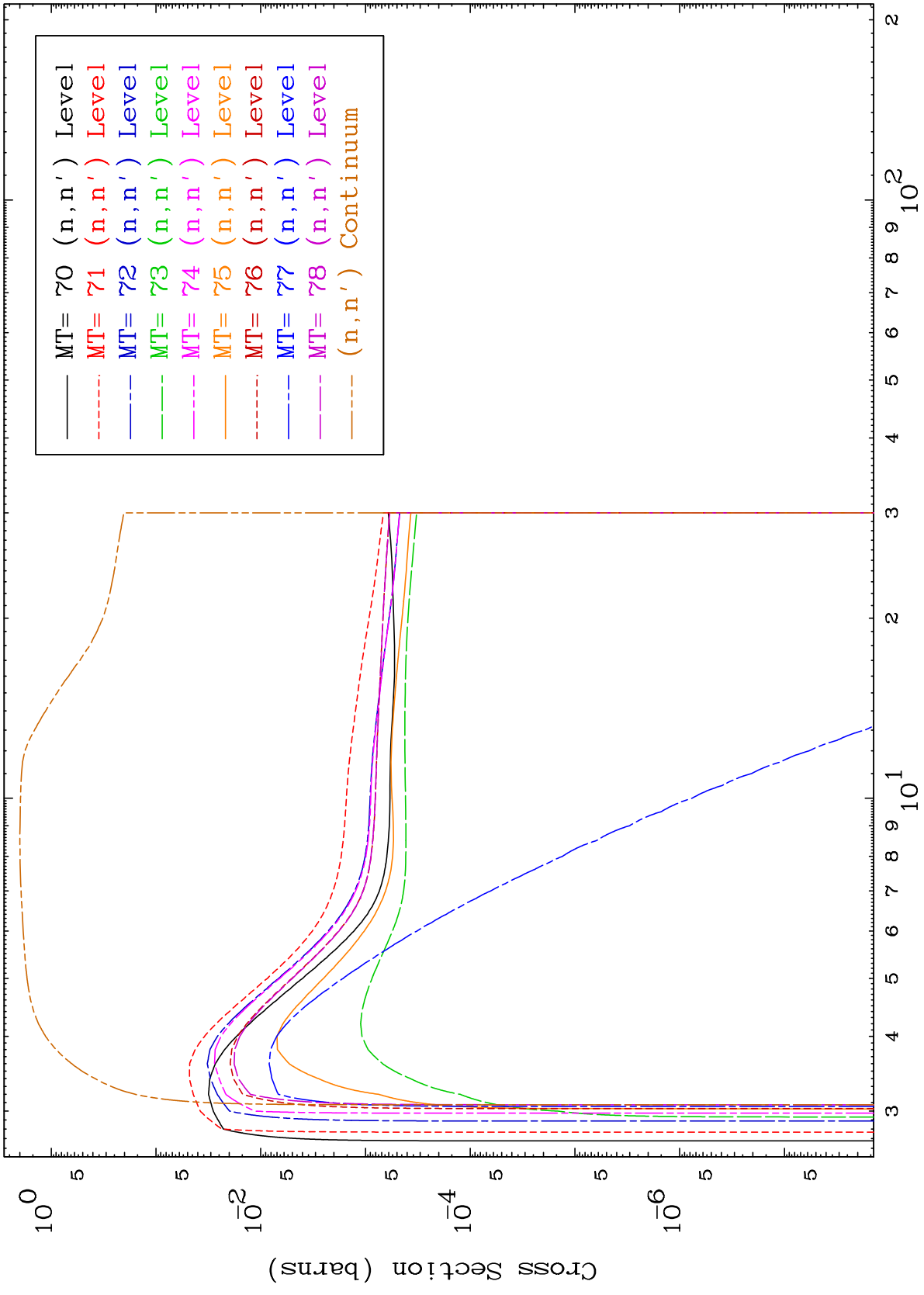
Incident Energy (MeV)

62-Sm-142

MAT 6219

(n,n') Level
293 Kelvin Cross Sections

62-Sm-142



9

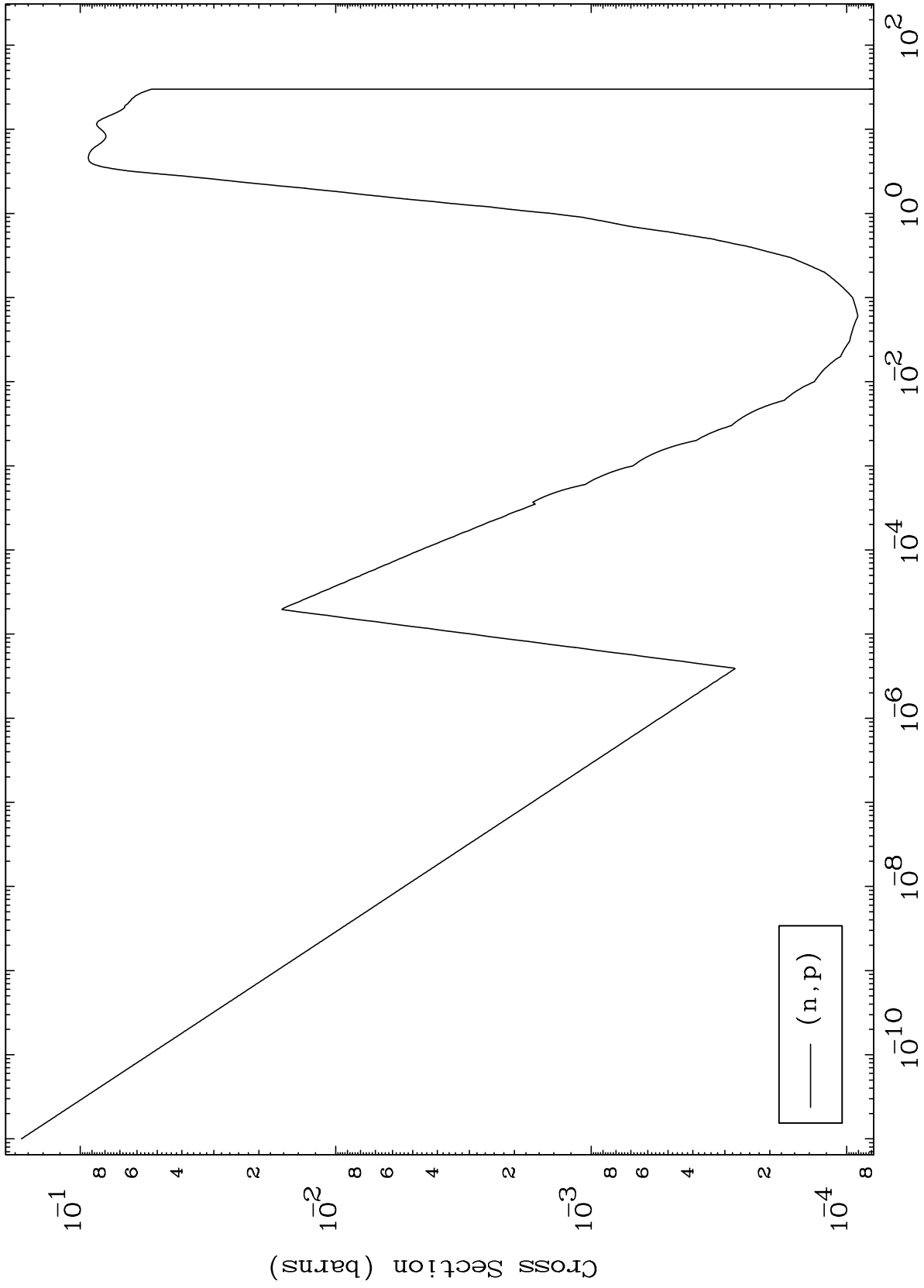
Incident Energy (MeV)

62-Sm-142

MAT 6219

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-142



10

Incident Energy (MeV)

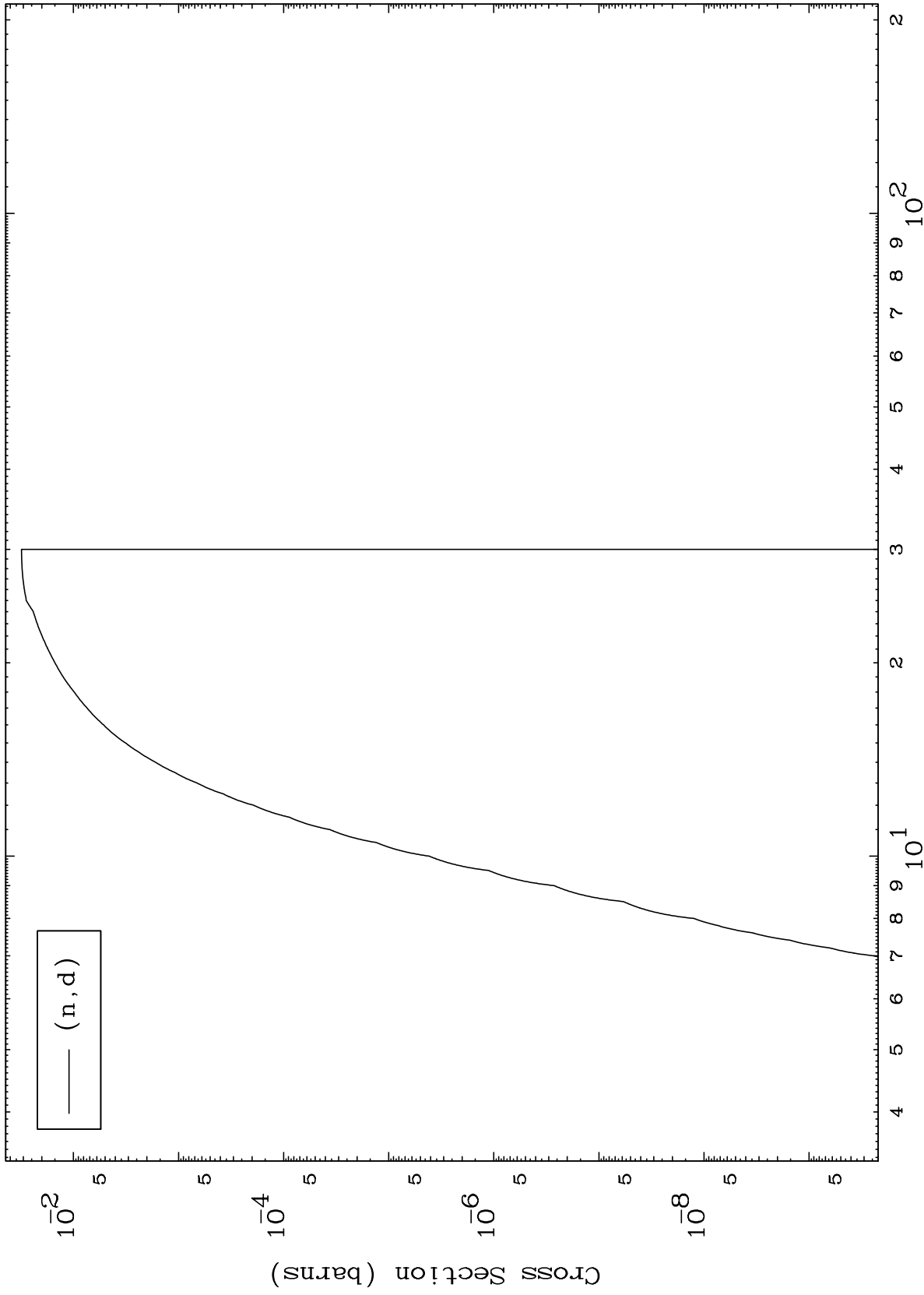
62-Sm-142

— (n, p)

MAT 6219

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-142



11

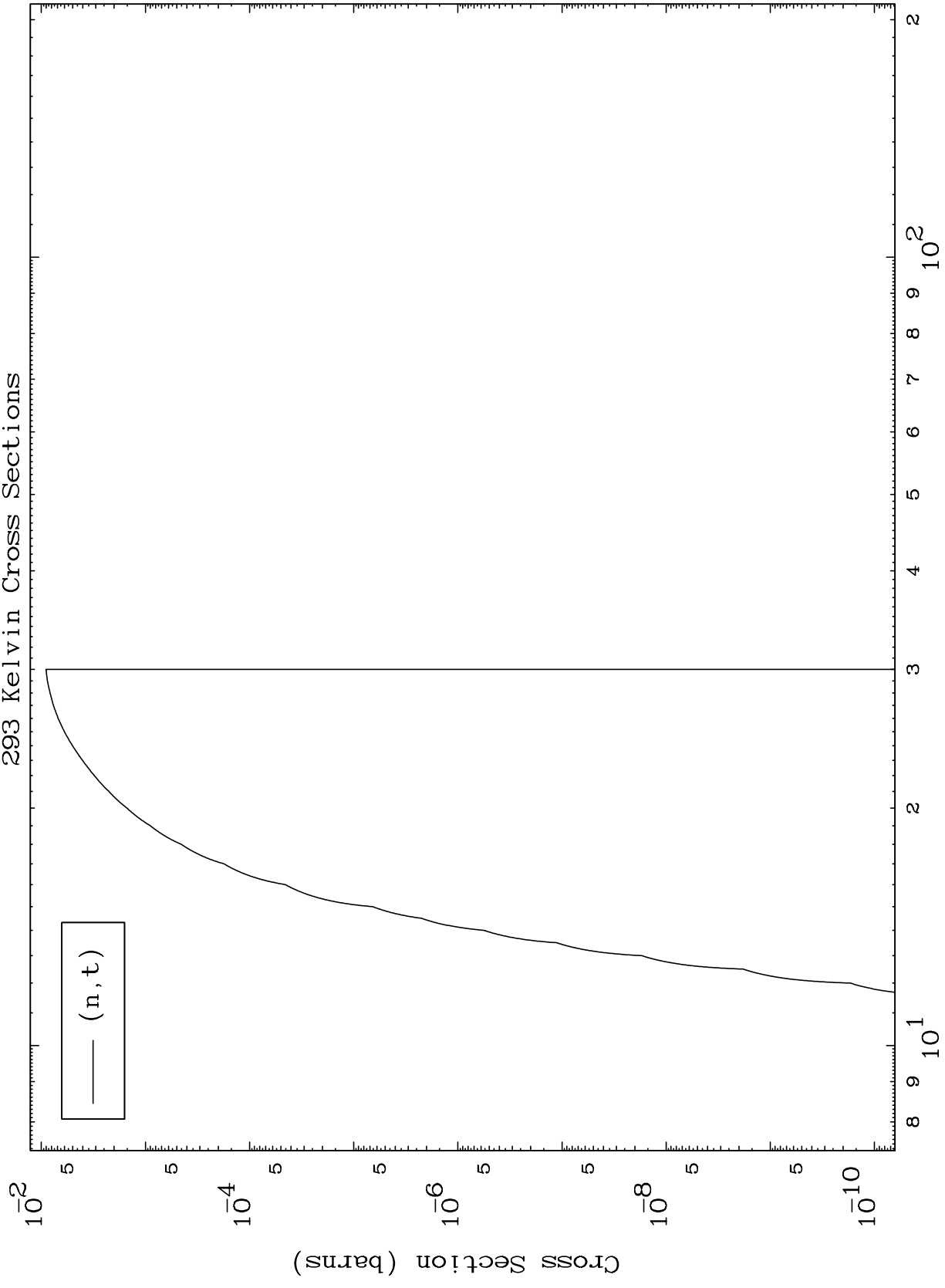
Incident Energy (MeV)

62-Sm-142

MAT 6219

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-142



12

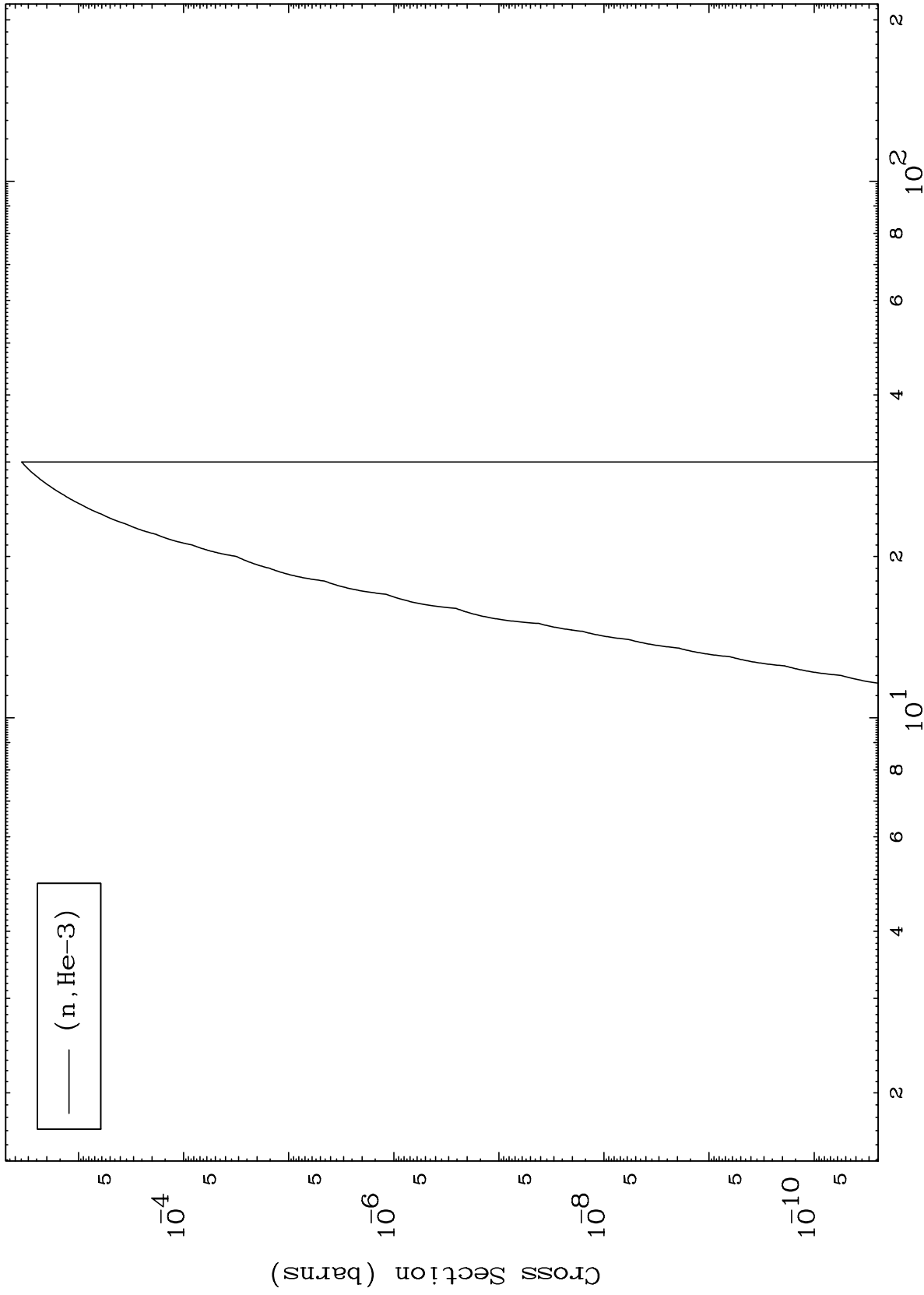
Incident Energy (MeV)

62-Sm-142

MAT 6219

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-142



13

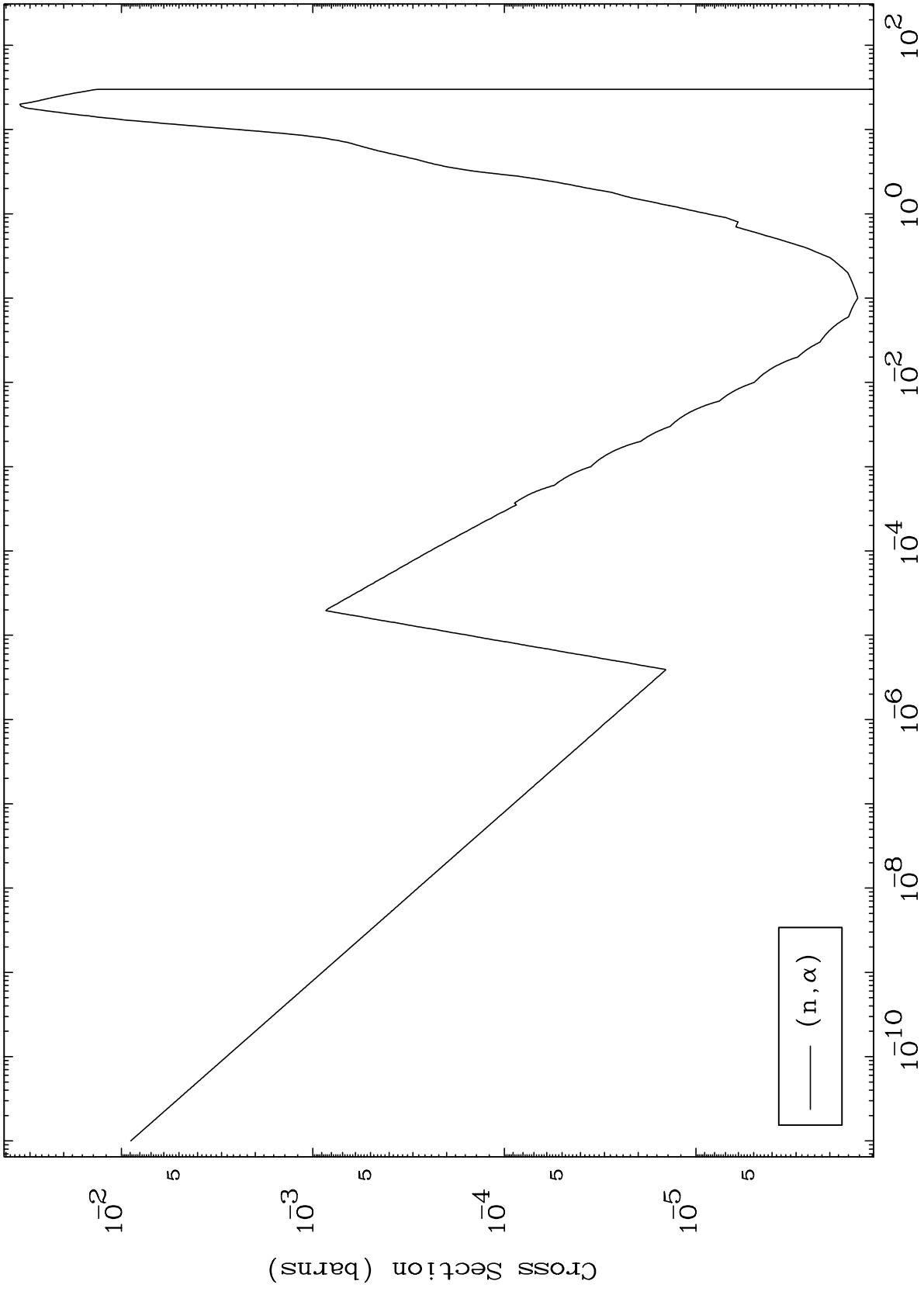
Incident Energy (MeV)

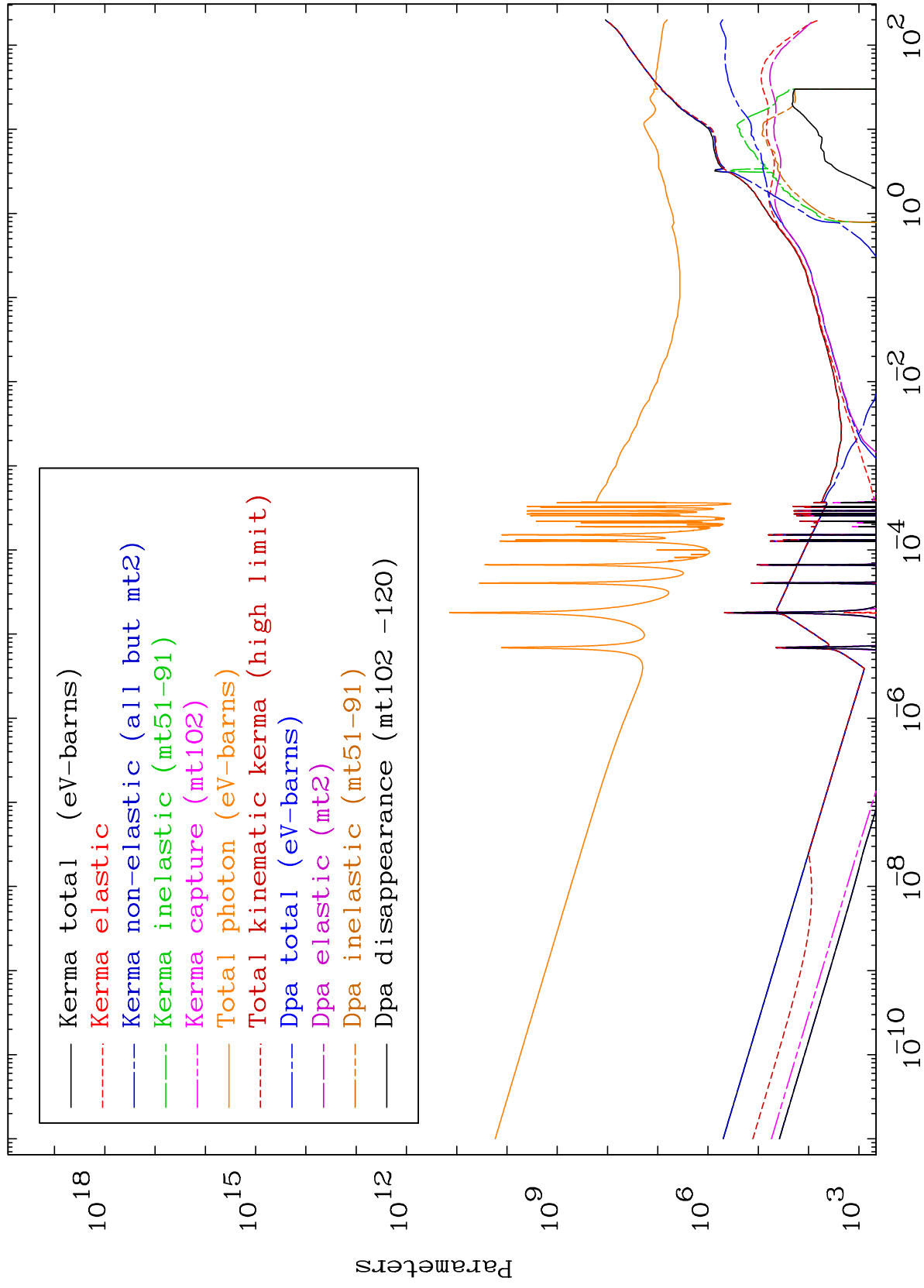
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MAT 6219

(n, α) Levels
293 Kelvin Cross Sections

62-Sm-142

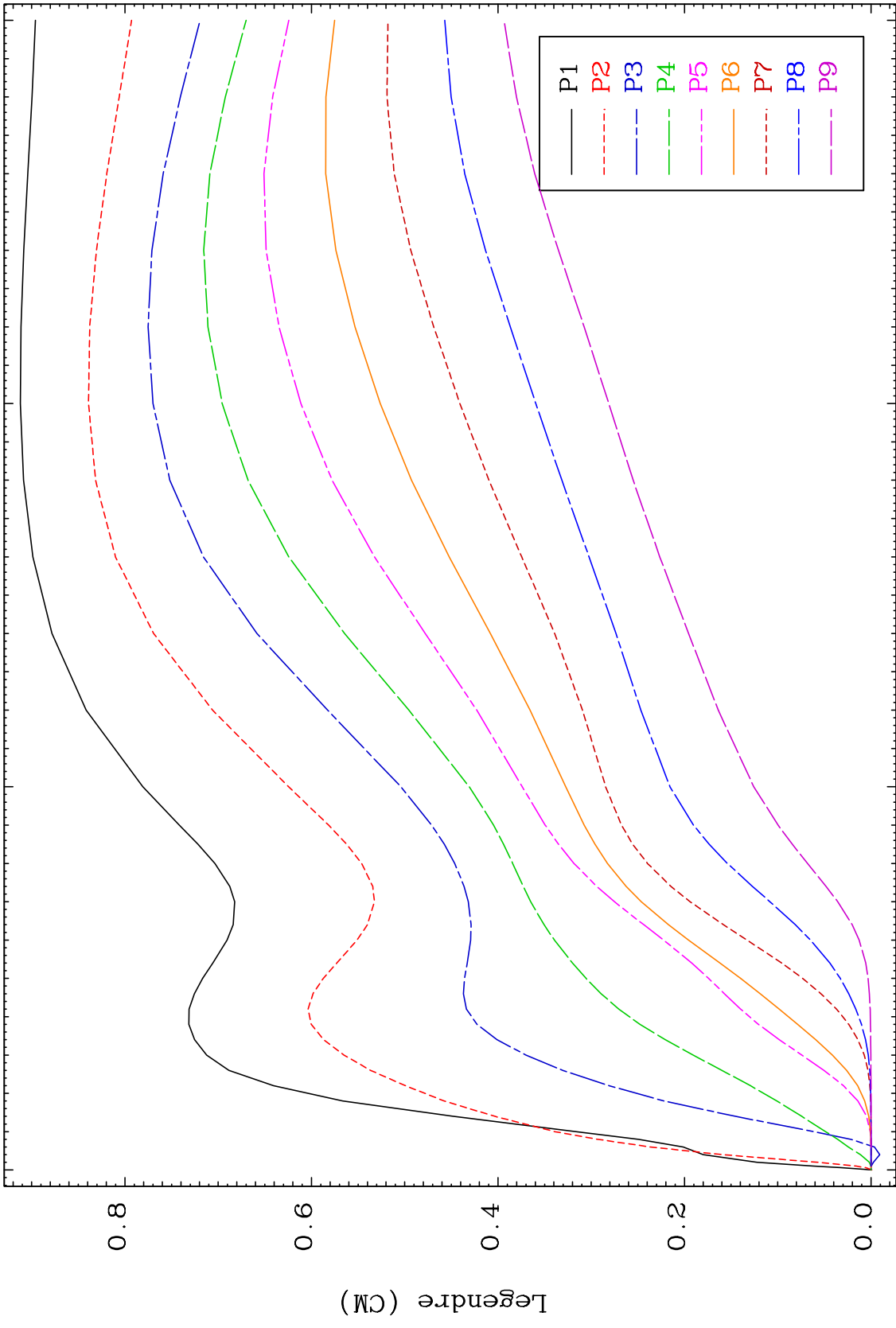




MAT 6219

Elastic Legendre Coefficients

62-Sm-142



16

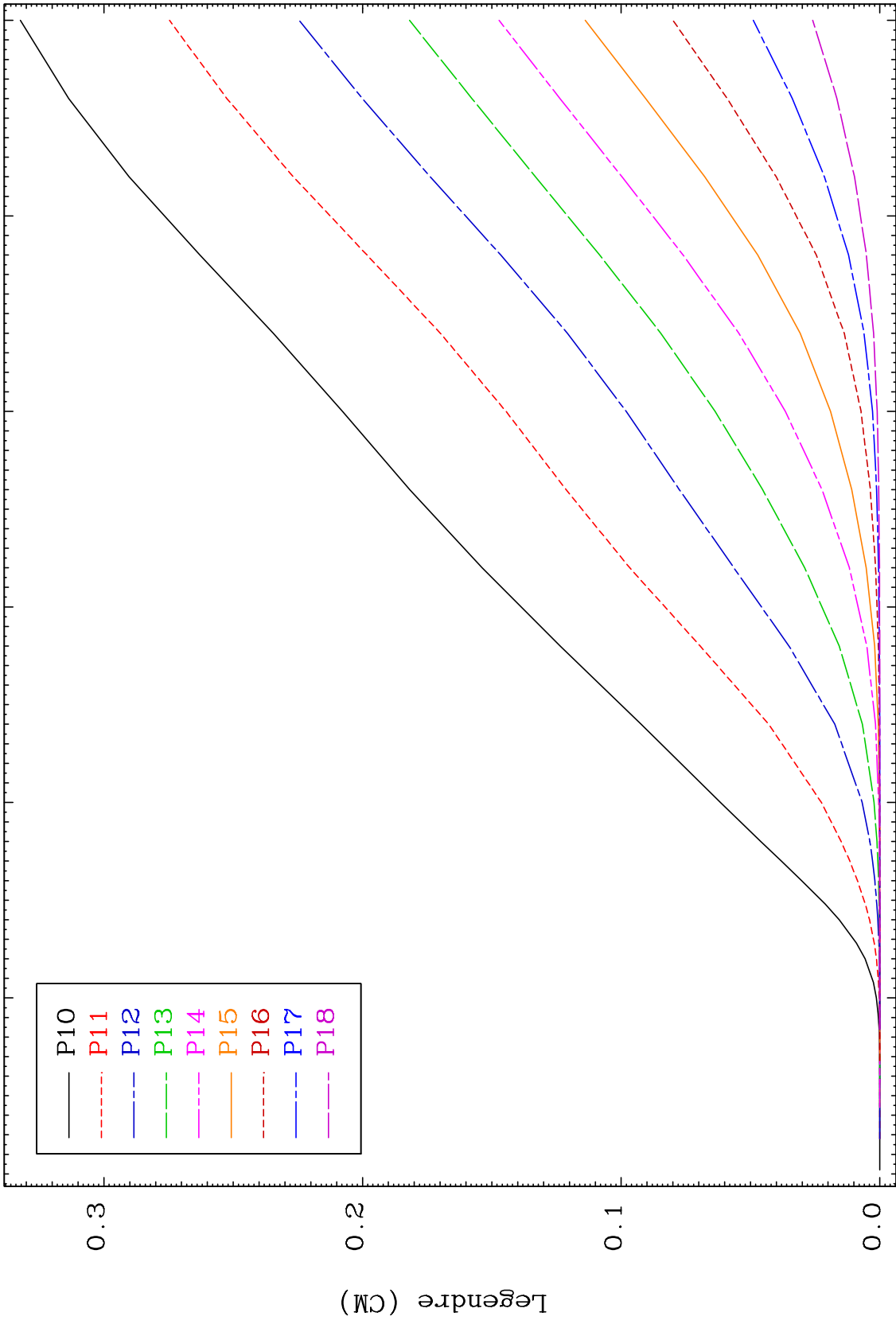
Incident Energy (MeV)

62-Sm-142

MAT 6219

Elastic Legendre Coefficients

62-Sm-142



17

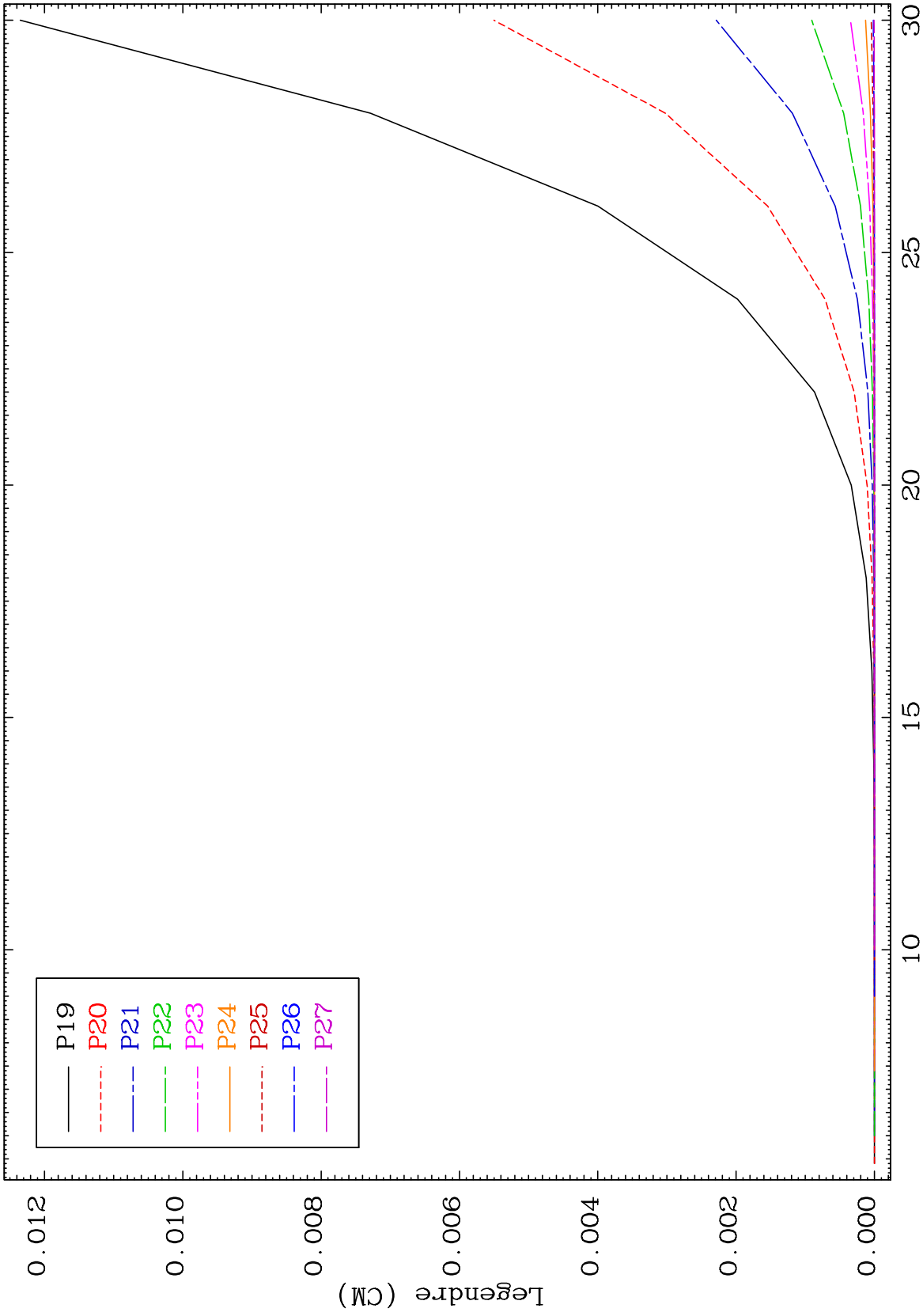
Incident Energy (MeV)

62-Sm-142

MAT 6219

Elastic Legendre Coefficients

62-Sm-142



18

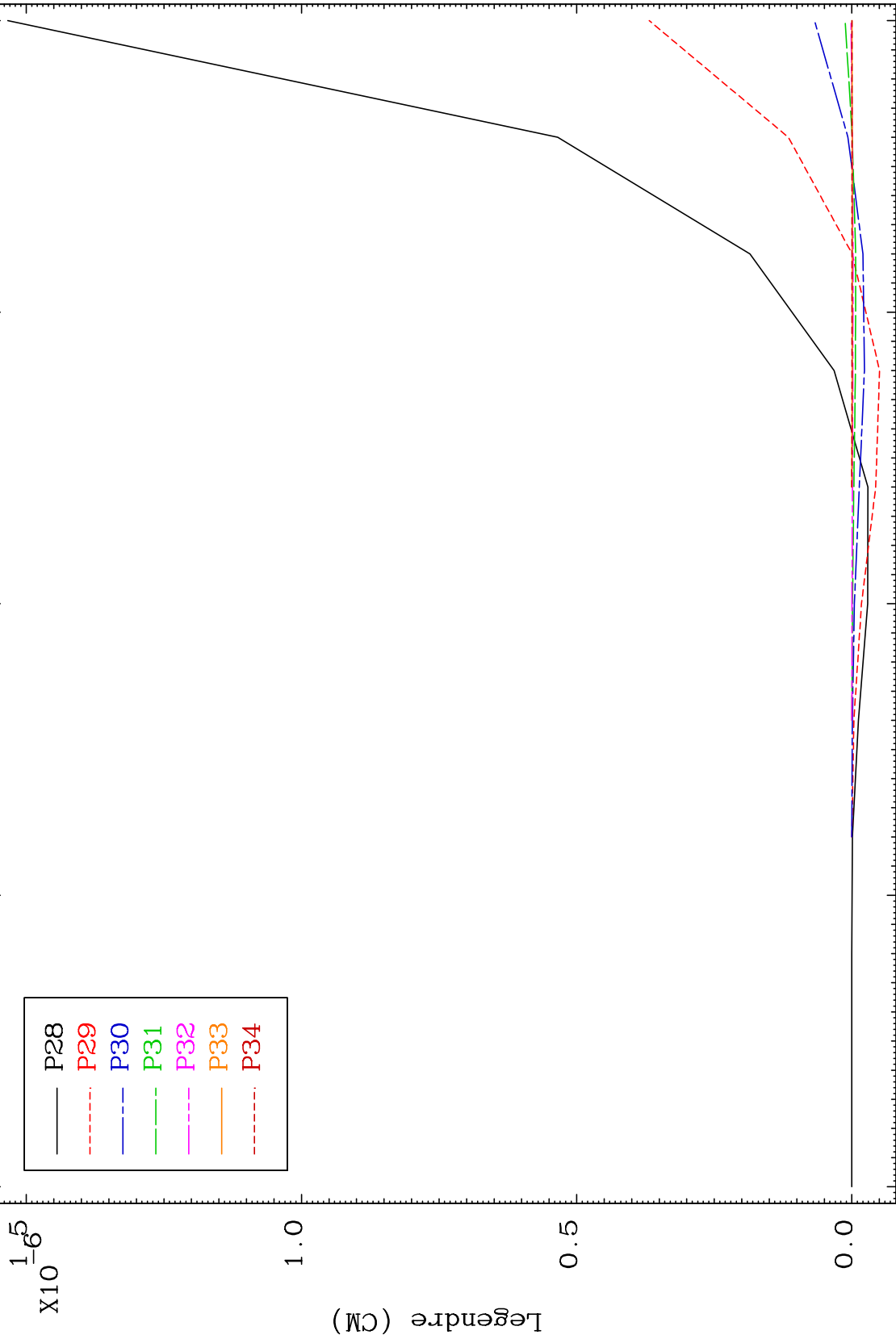
Incident Energy (MeV)

62-Sm-142

MAT 6219

Elastic
Legendre Coefficients

62-Sm-142

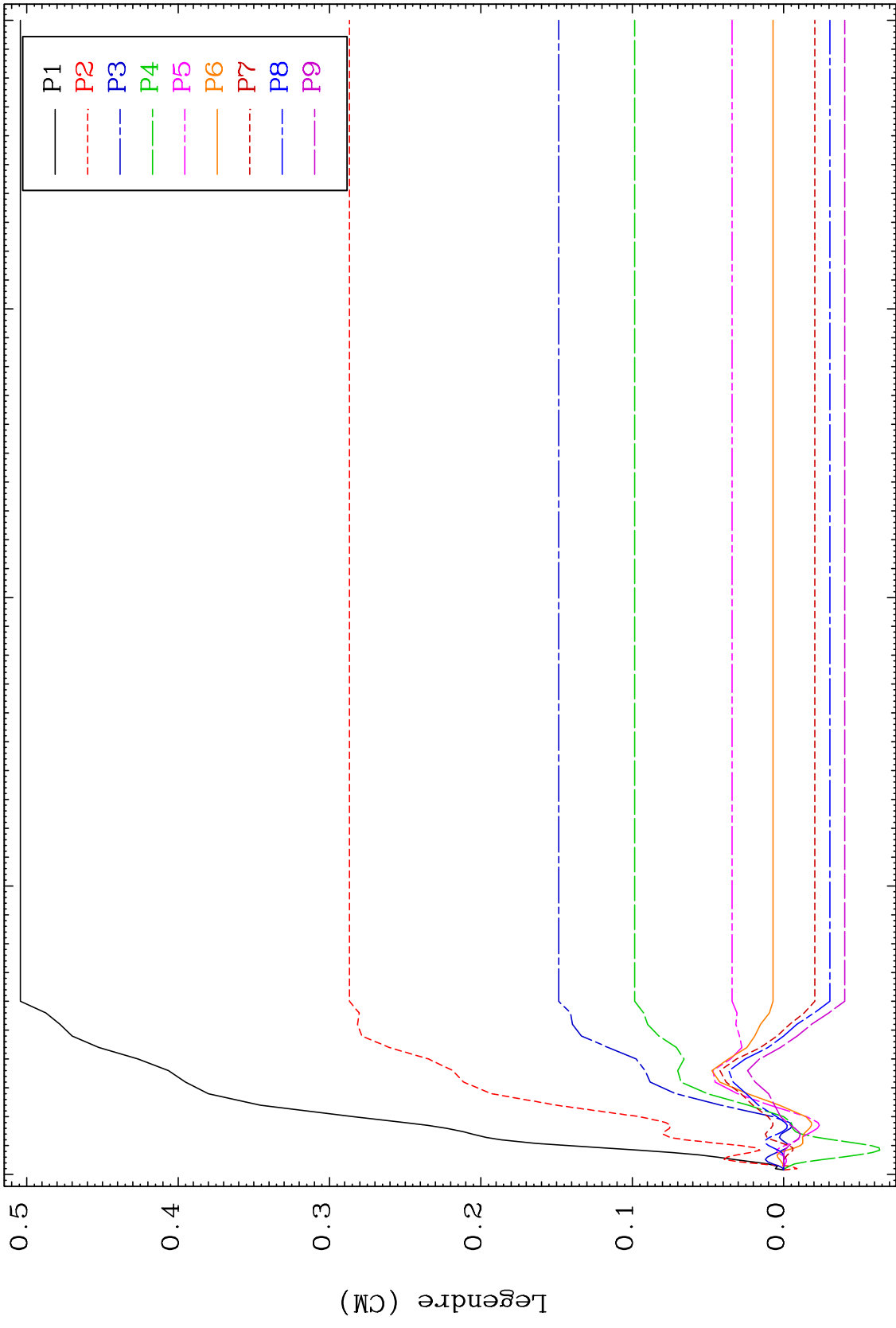


19

Incident Energy (MeV)

62-Sm-142

MAT 6219 MT= 51 (n,n') Level Legendre Coefficients 62-Sm-142

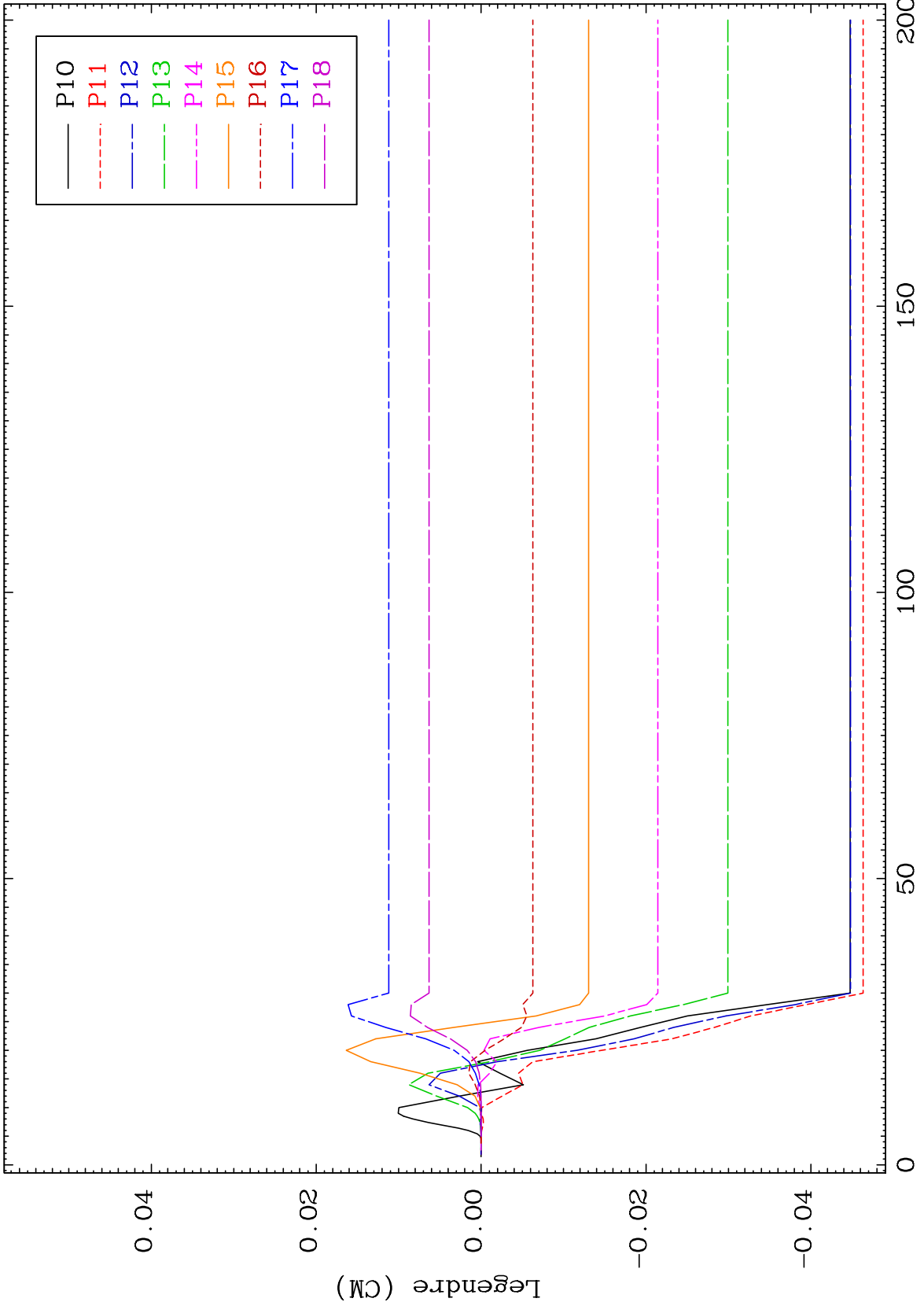


62-Sm-142

MAT 6219

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

62-Sm-142



21

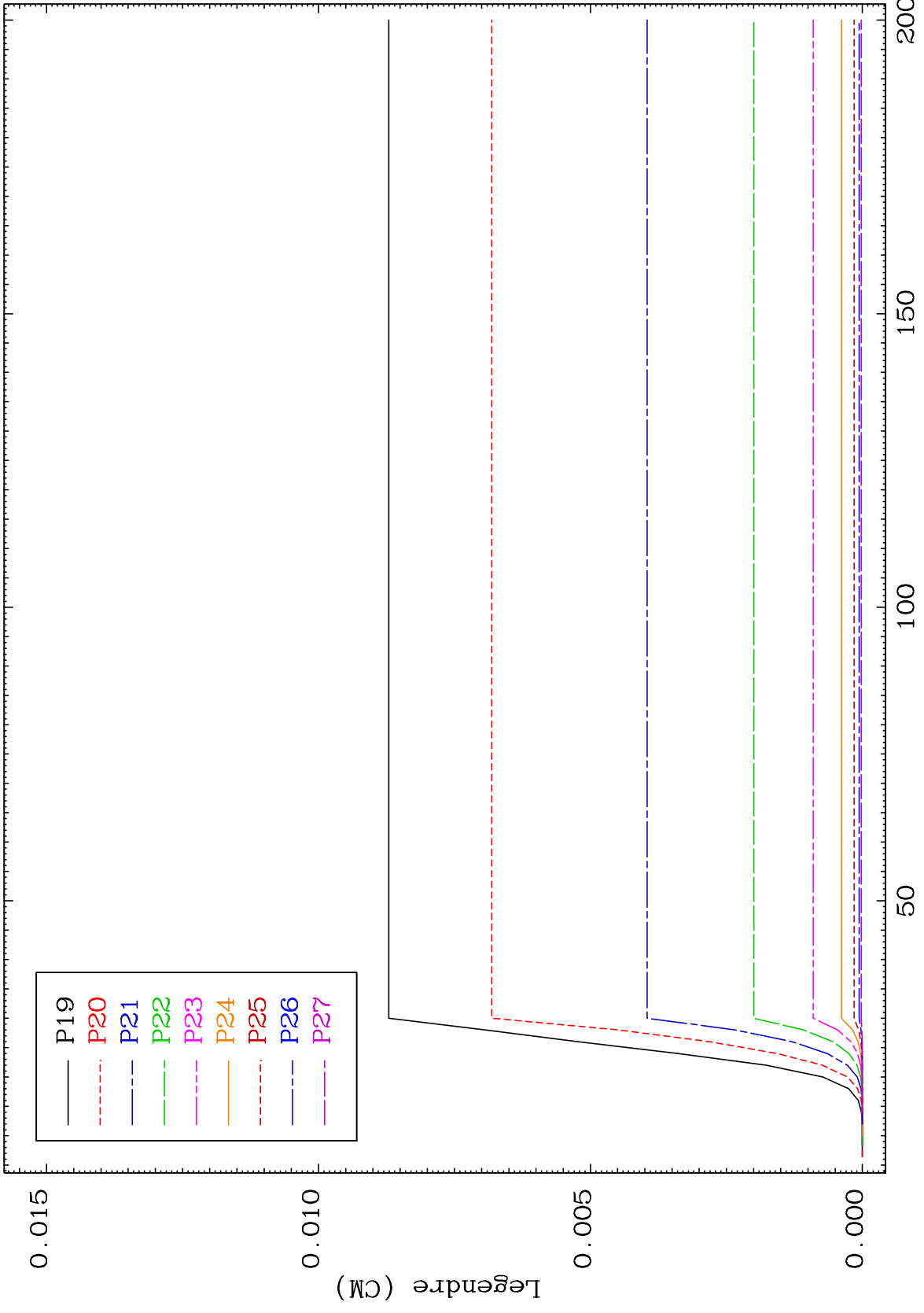
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



22

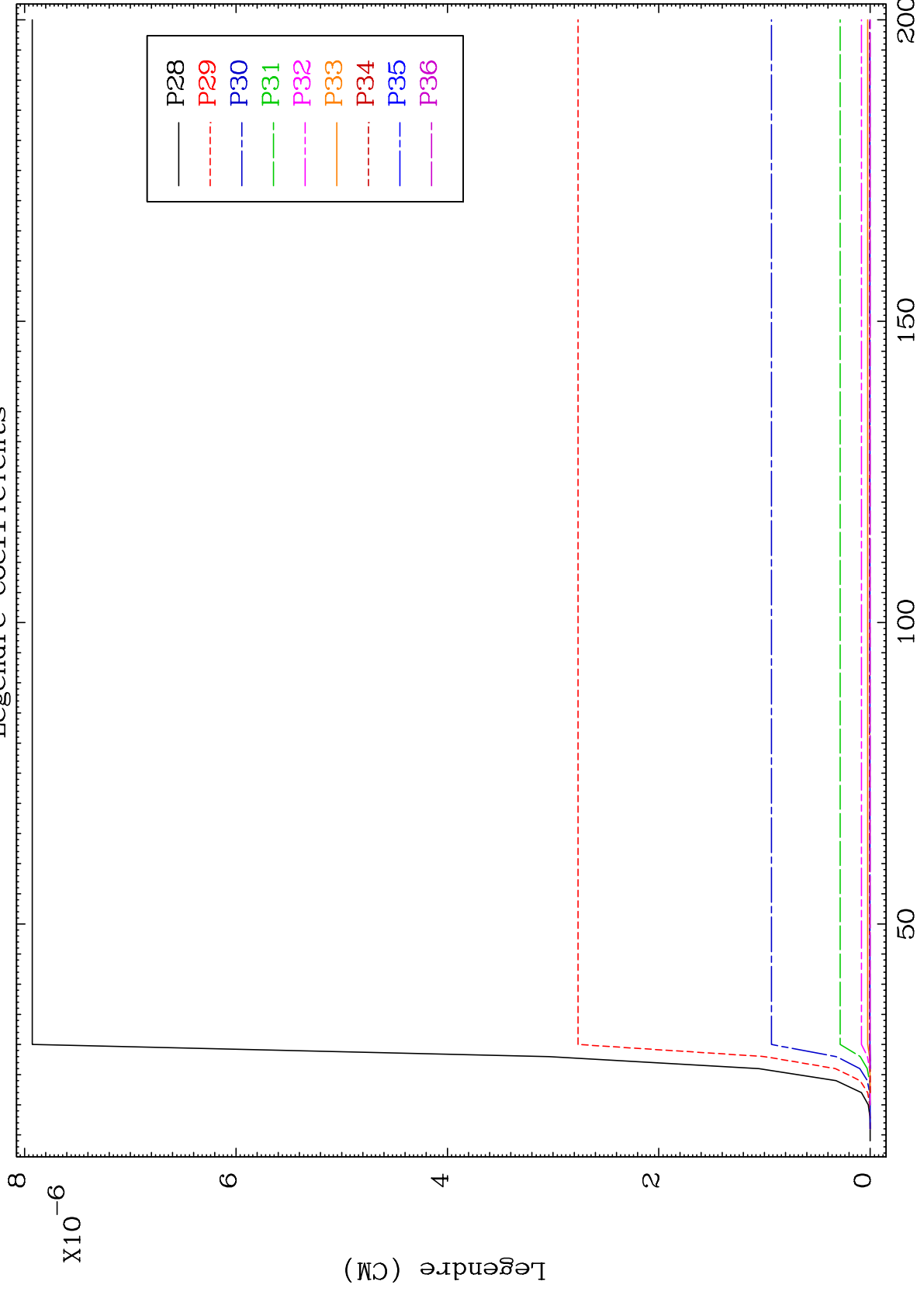
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142

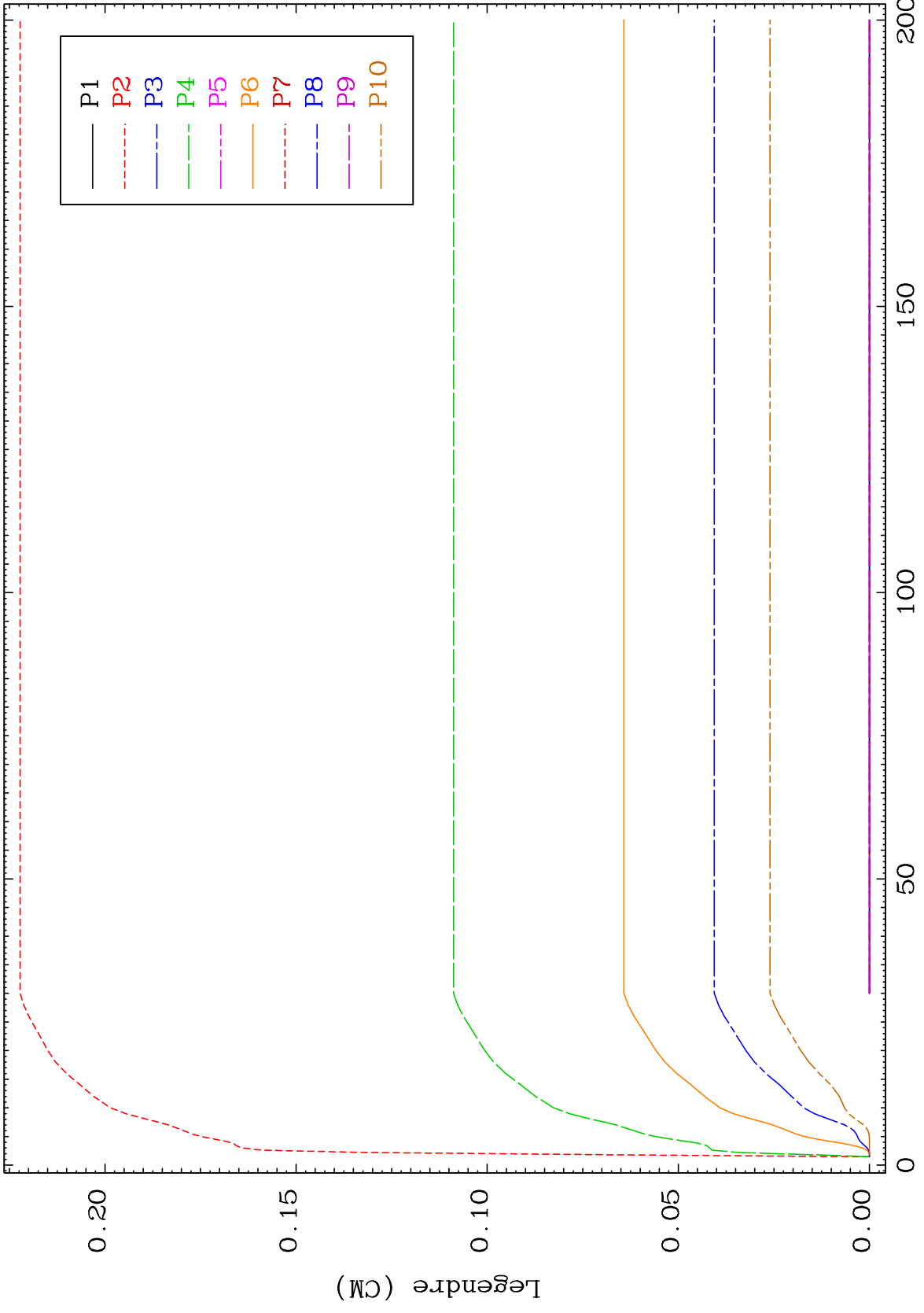


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Incident Energy (MeV)

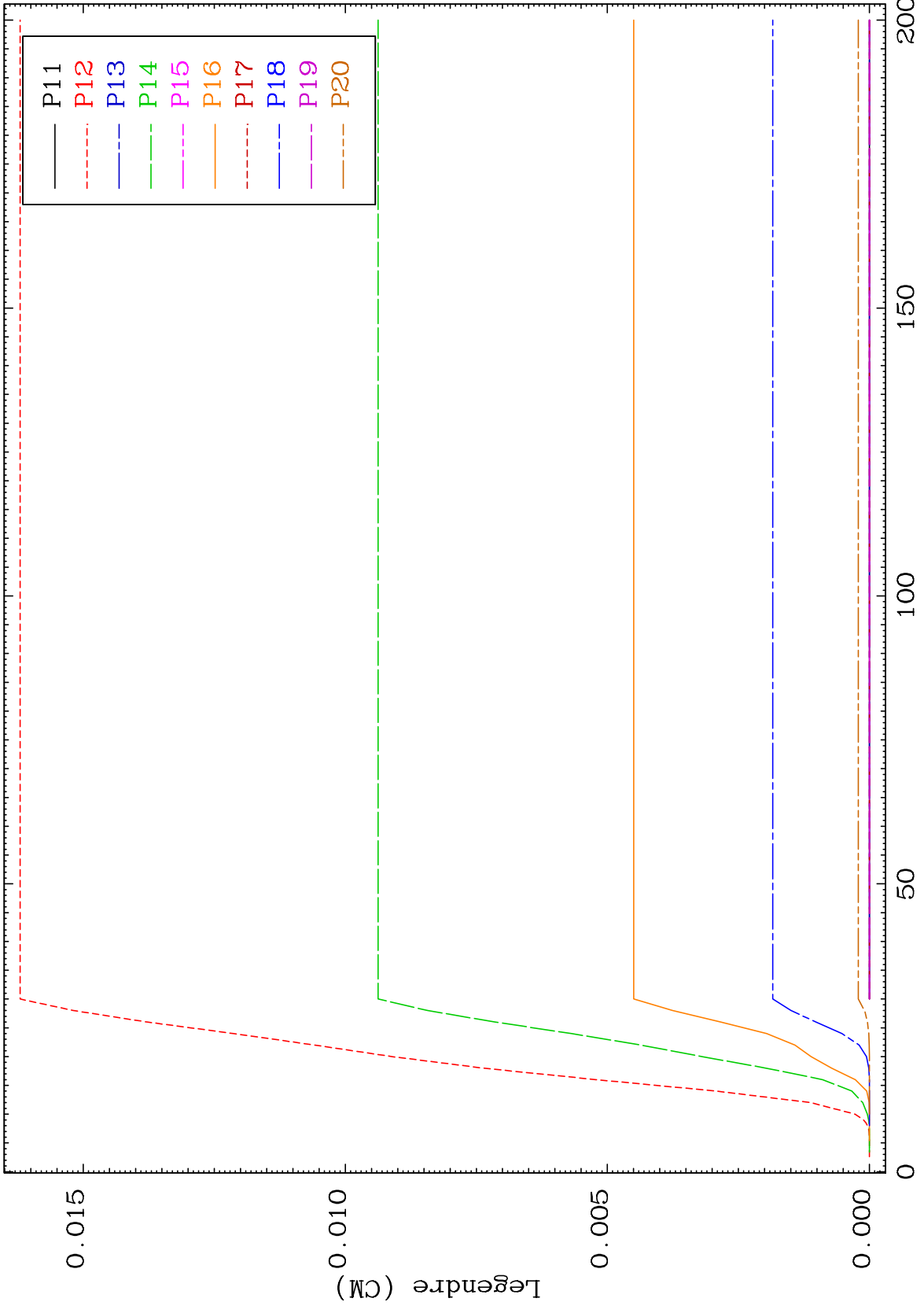
62-Sm-142

MAT 6219 MT= 52 (n,n') Level Legendre Coefficients 62-Sm-142



24 62-Sm-142

MAT 6219 MT= 52 (n,n') Level Legendre Coefficients 62-Sm-142

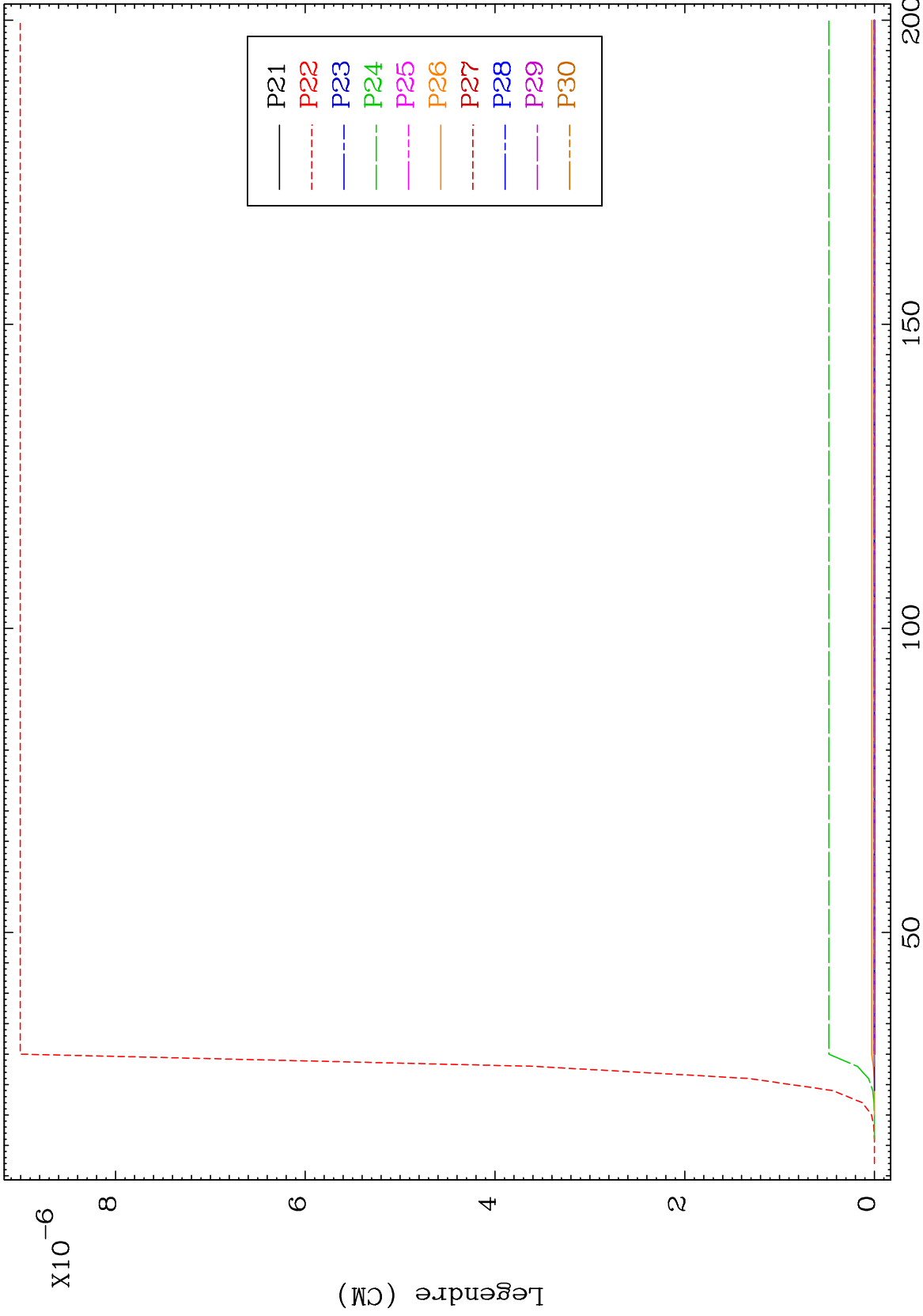


62-Sm-142

MAT 6219

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

62-Sm-142

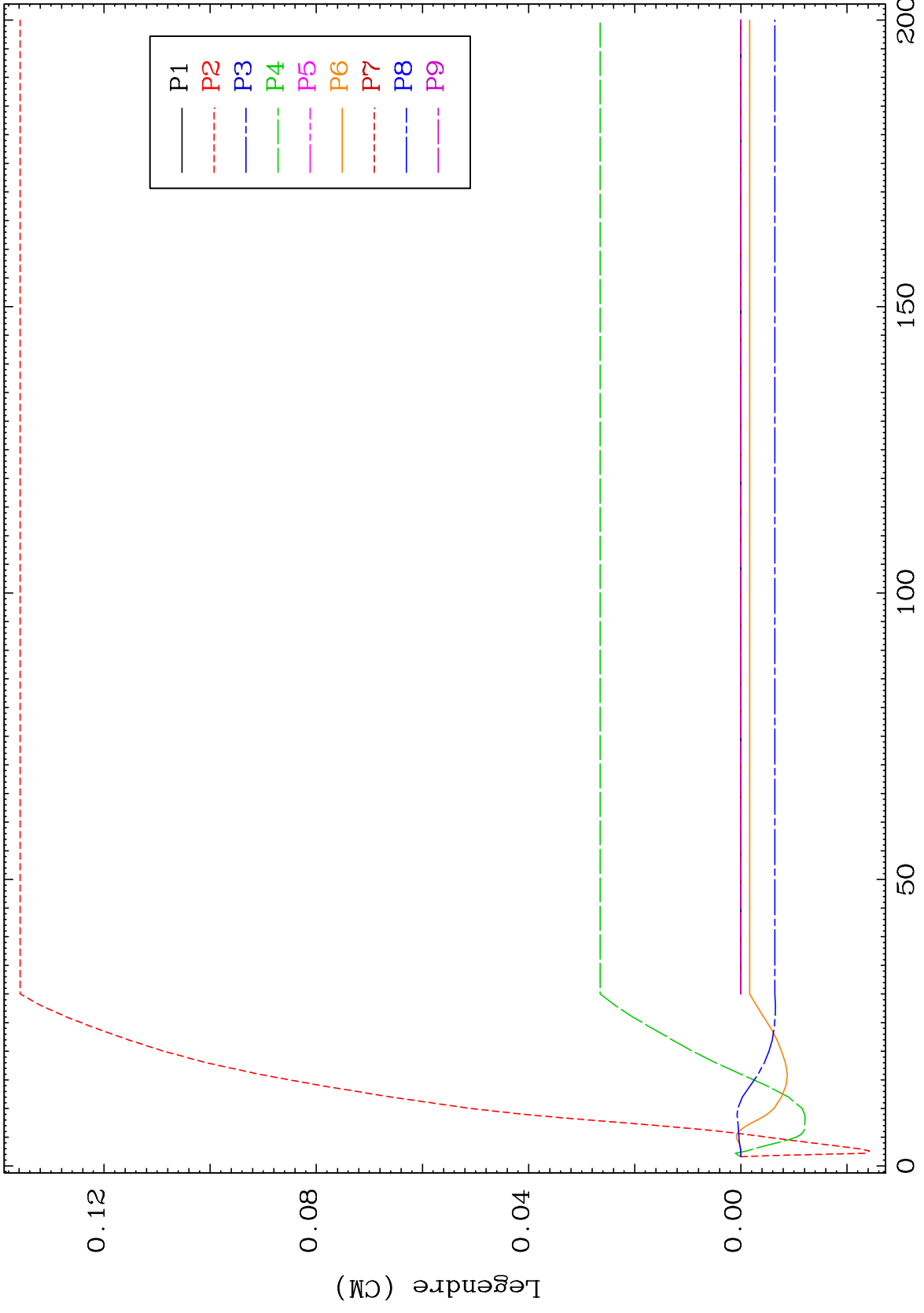


26

Incident Energy (MeV)

62-Sm-142

MAT 6219 MT= 53 (n,n') Level Legendre Coefficients 62-Sm-142

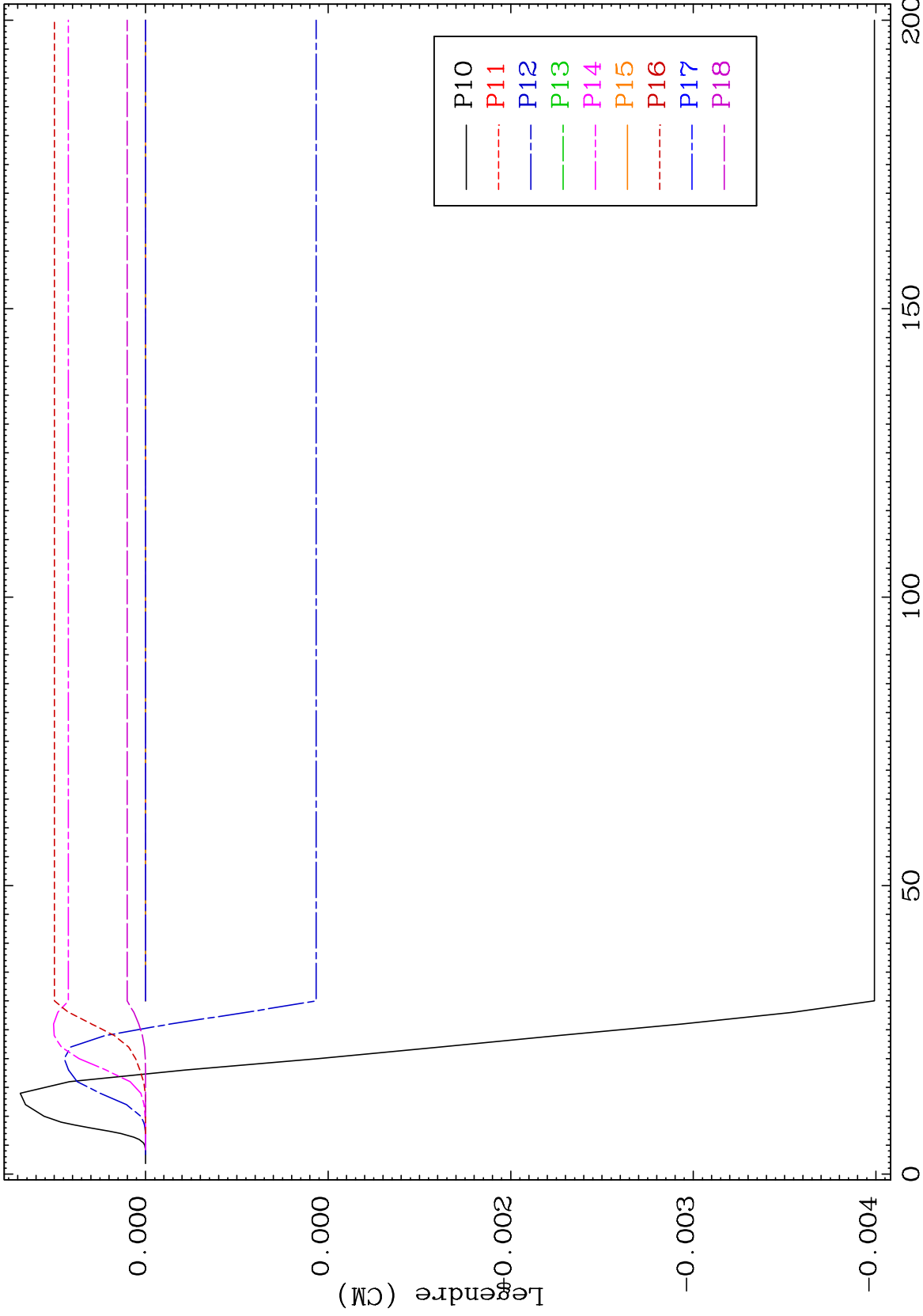


27 62-Sm-142

MAT 6219

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

62-Sm-142

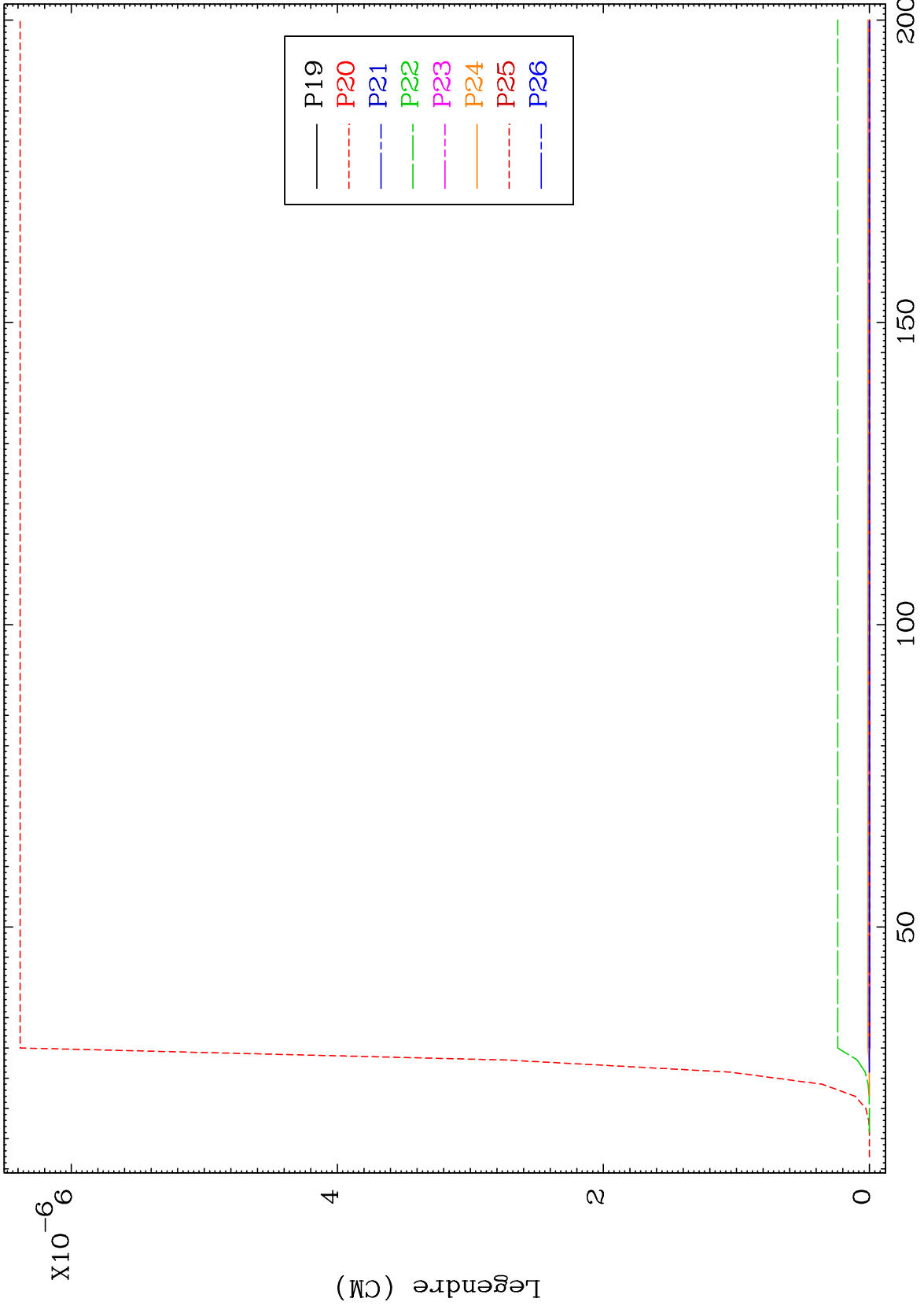


28

Incident Energy (MeV)

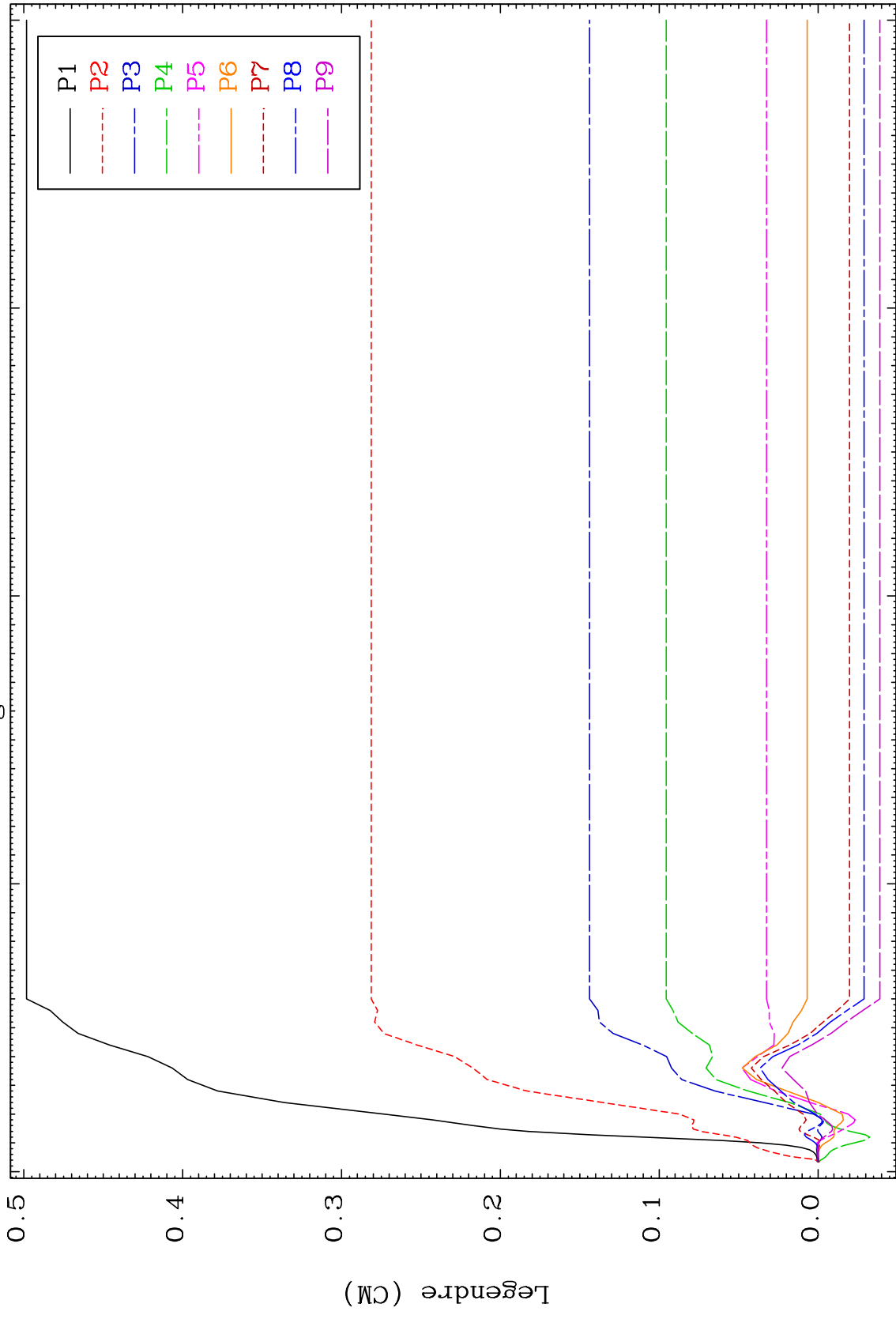
62-Sm-142

MAT 6219 MT= 53 (n,n') Level Legendre Coefficients 62-Sm-142



29 Incident Energy (MeV) 62-Sm-142

MAT 6219 MT= 54 (n,n') Level Legendre Coefficients 62-Sm-142

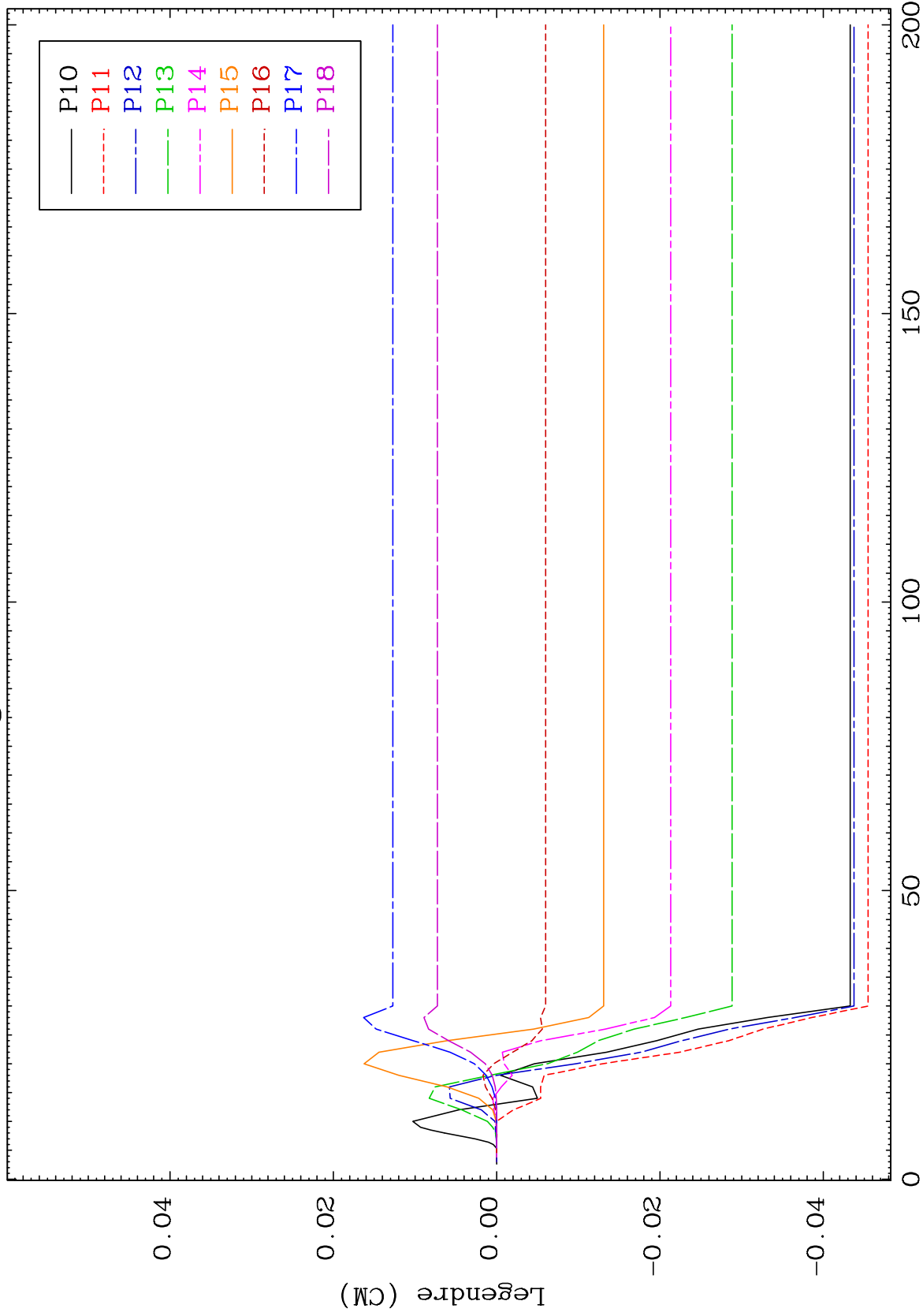


62-Sm-142

MAT 6219

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

62-Sm-142



31

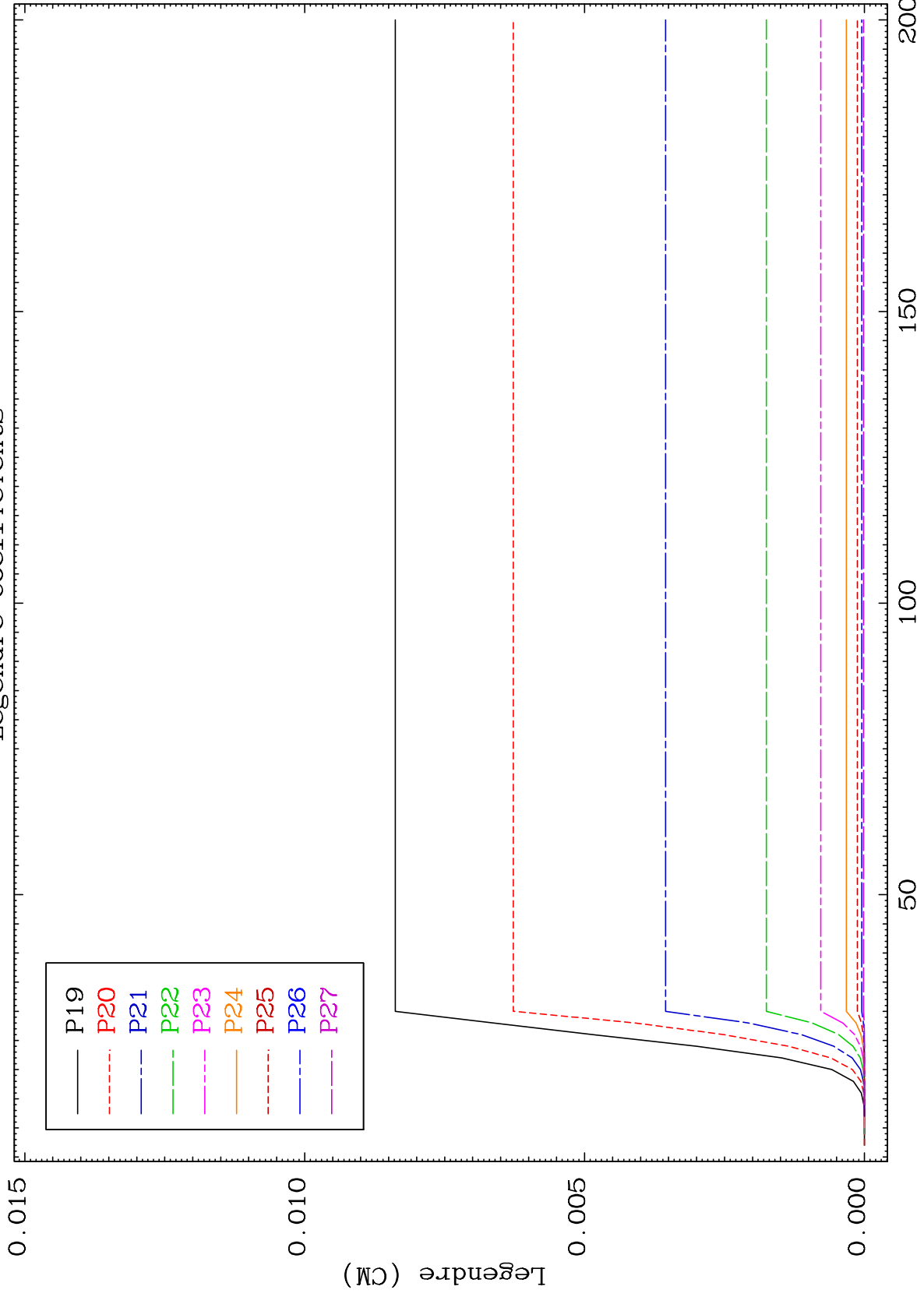
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



62-Sm-142

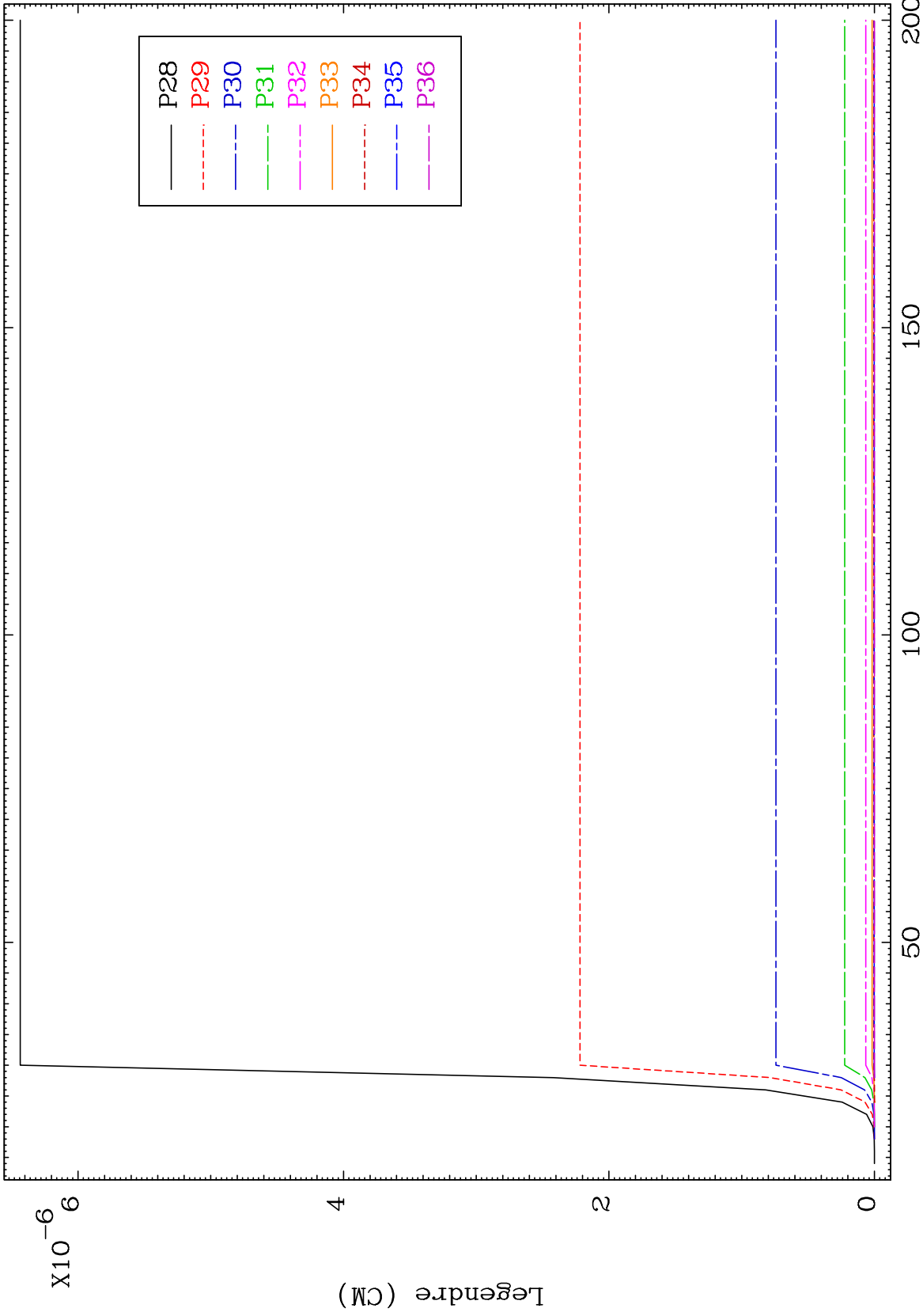
Incident Energy (MeV)

32

MAT 6219

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

62-Sm-142



33

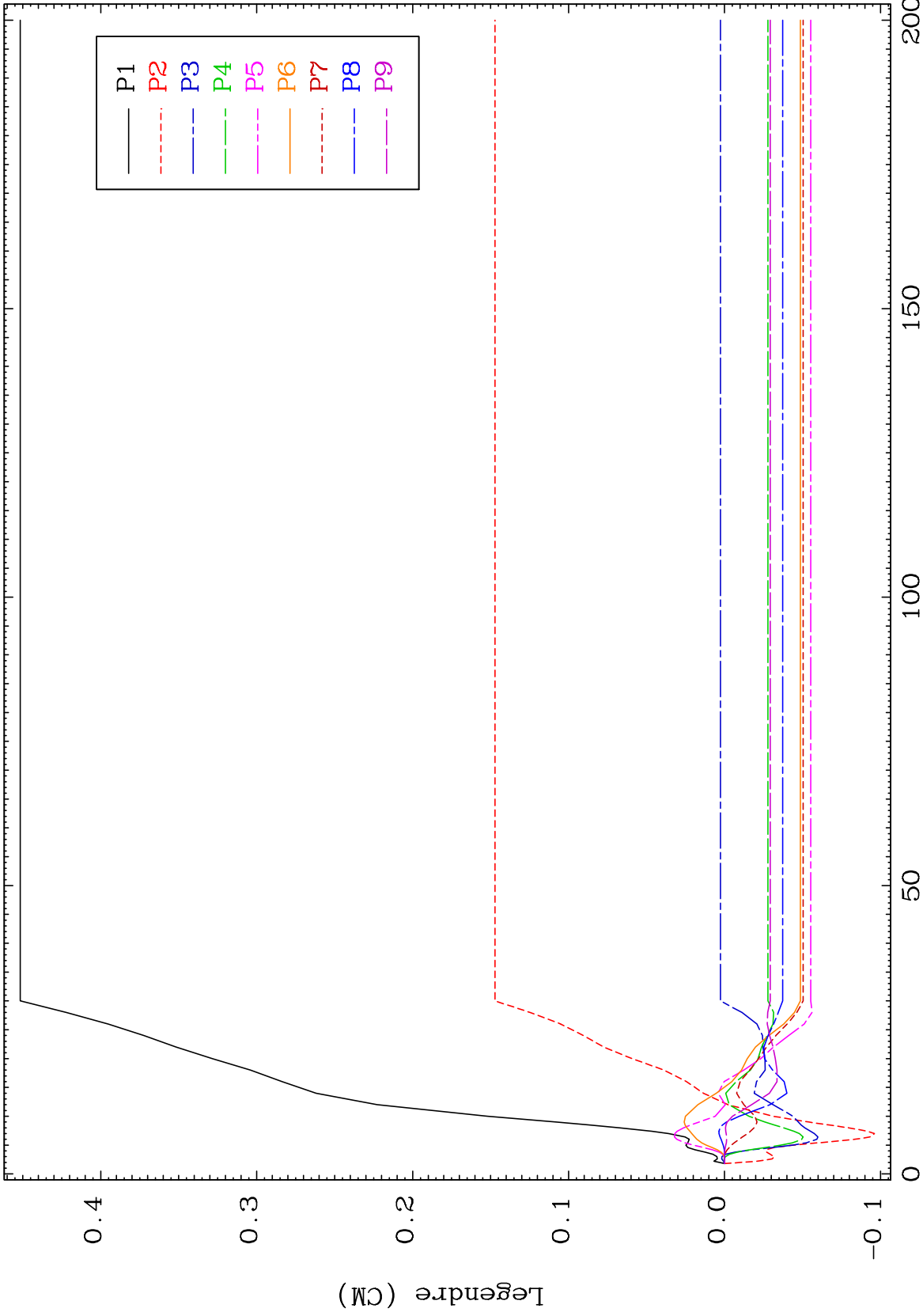
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



34

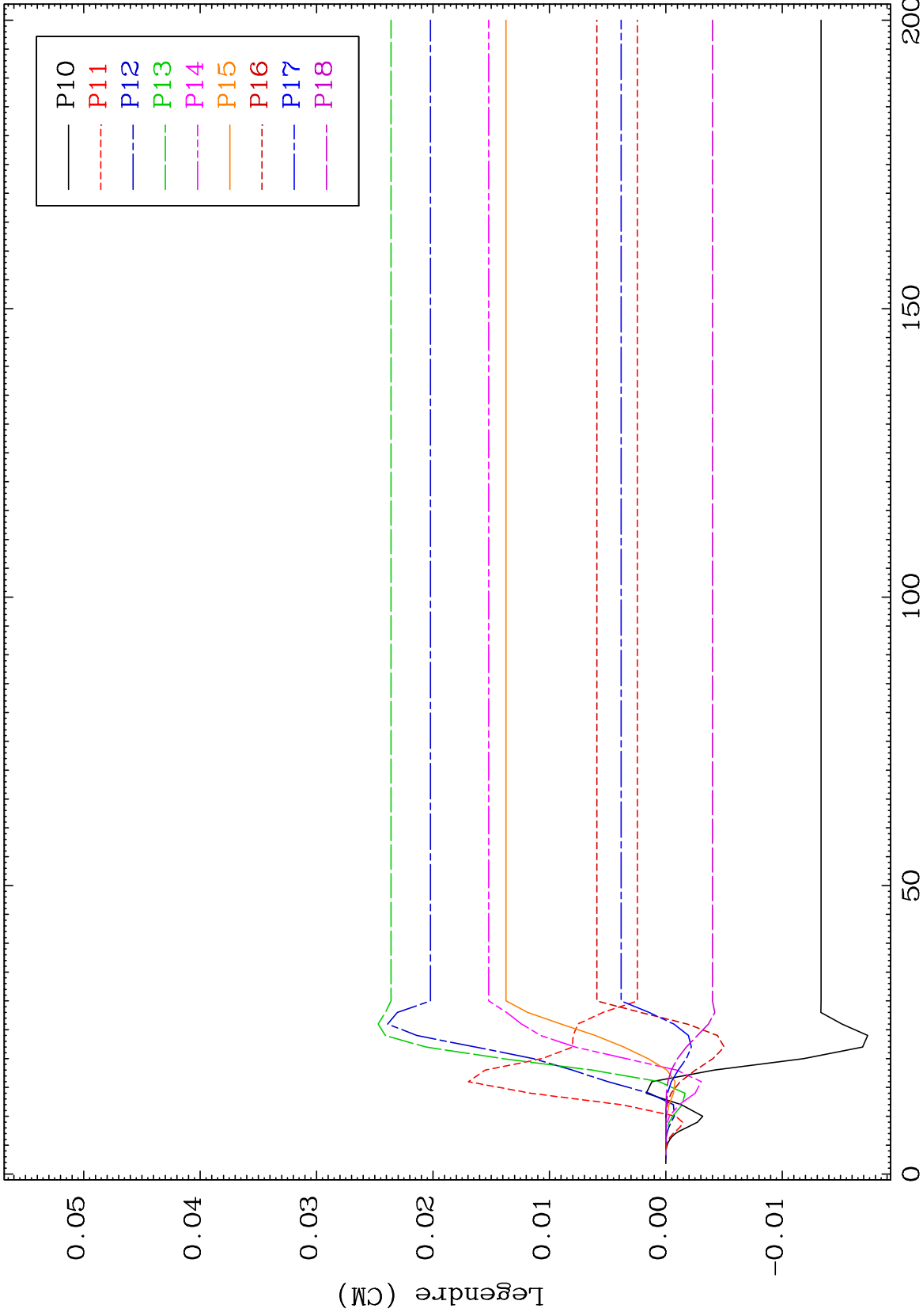
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



35

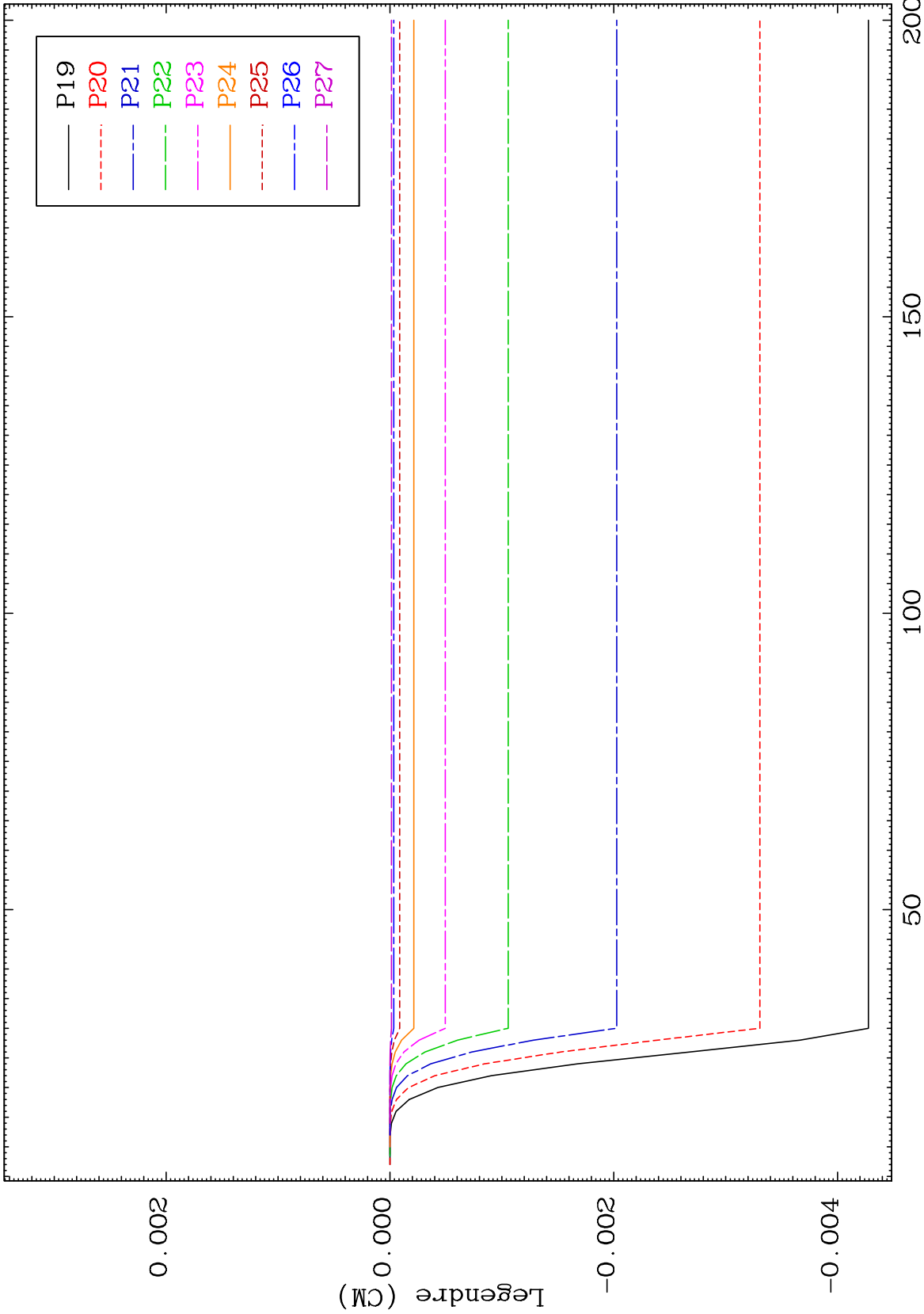
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



36

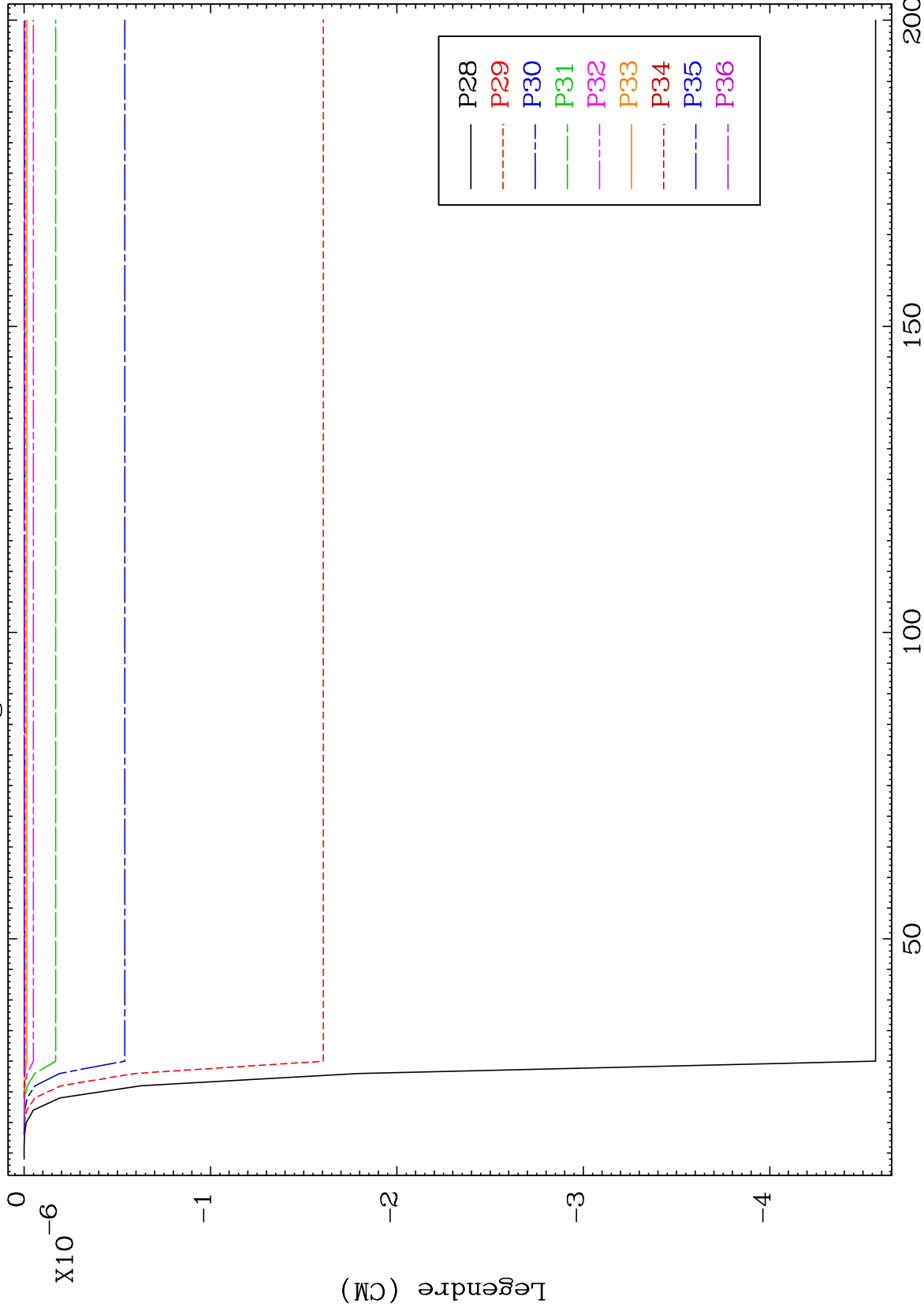
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



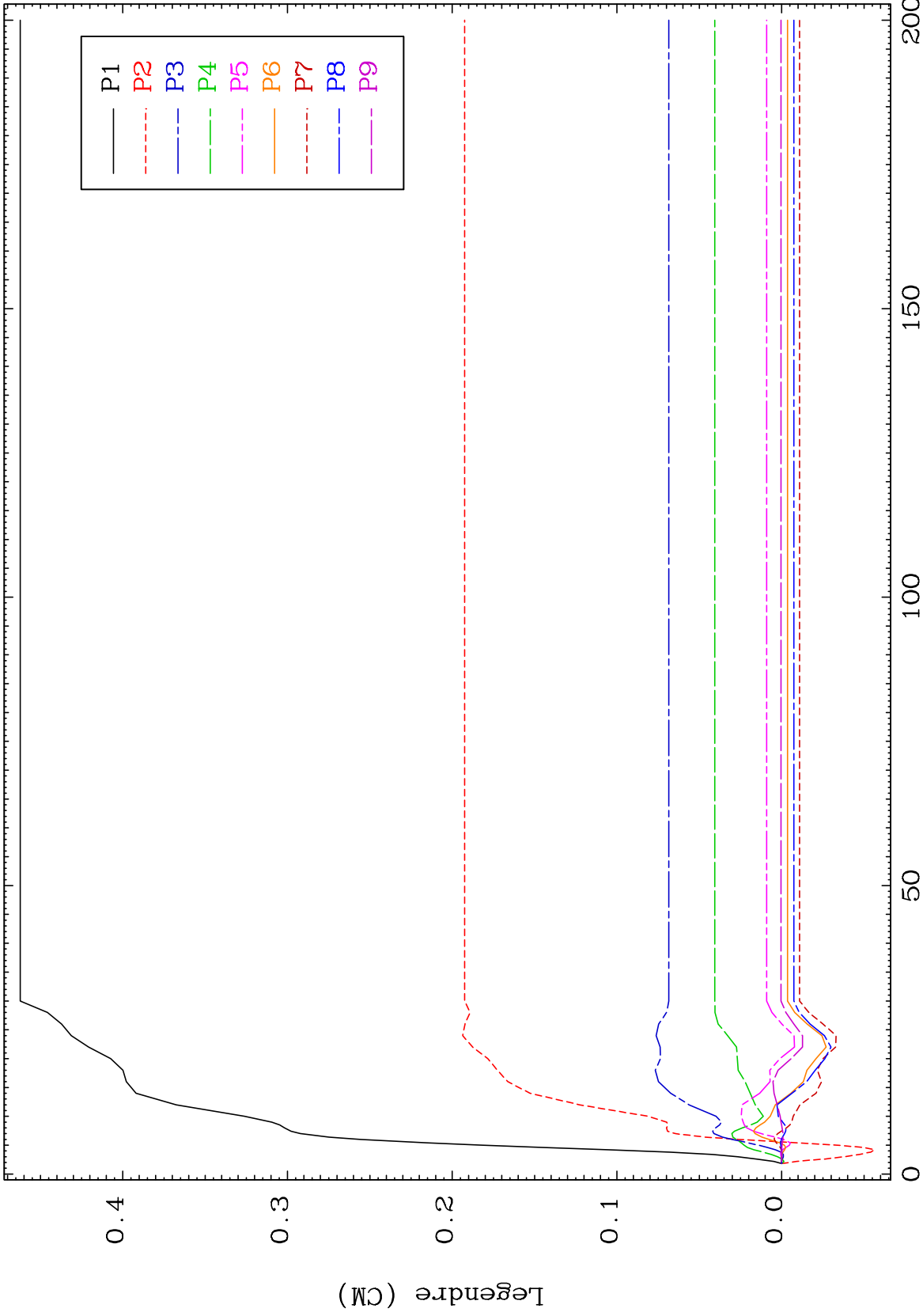
62-Sm-142

37

MAT 6219

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

62-Sm-142



38

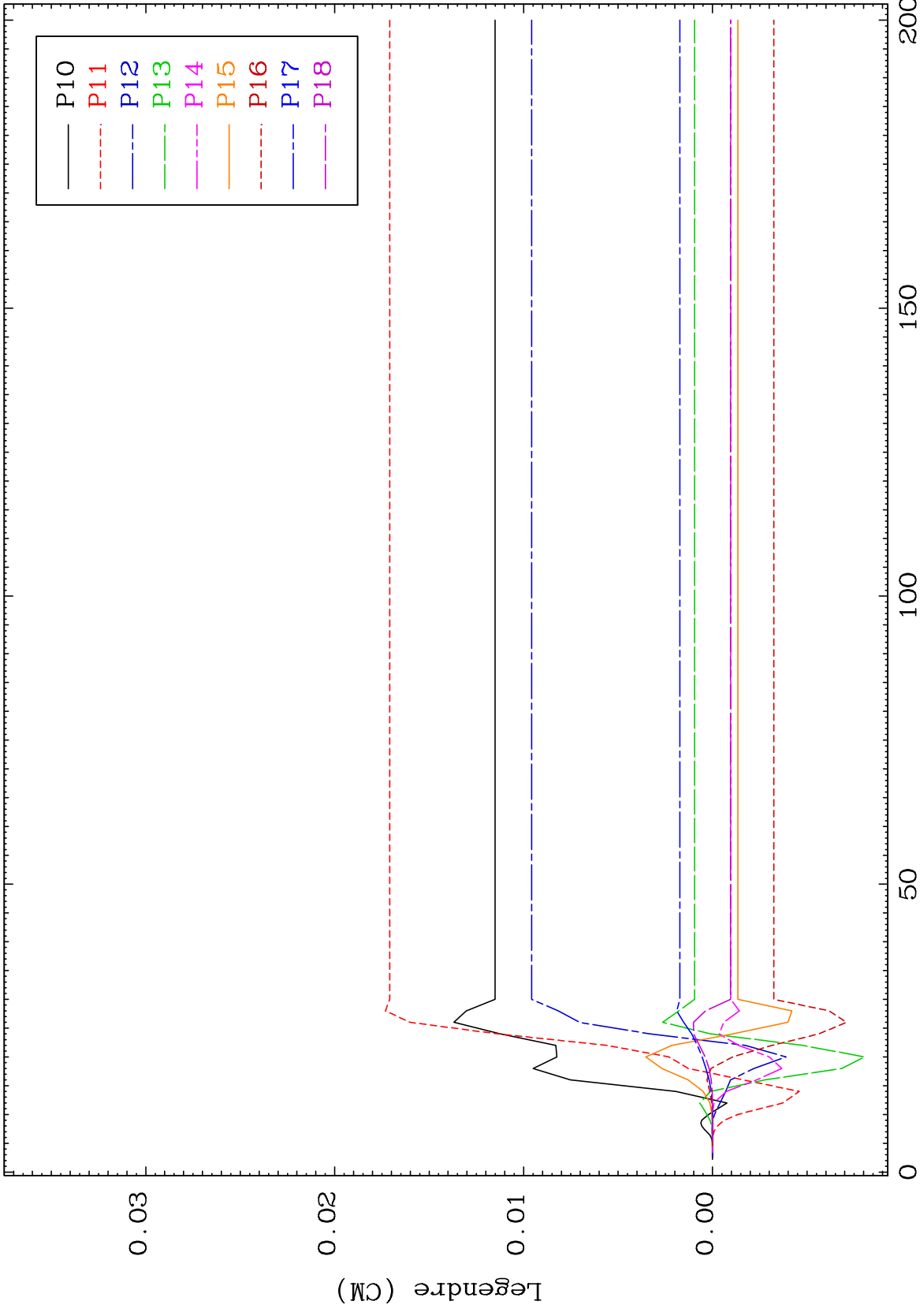
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



39

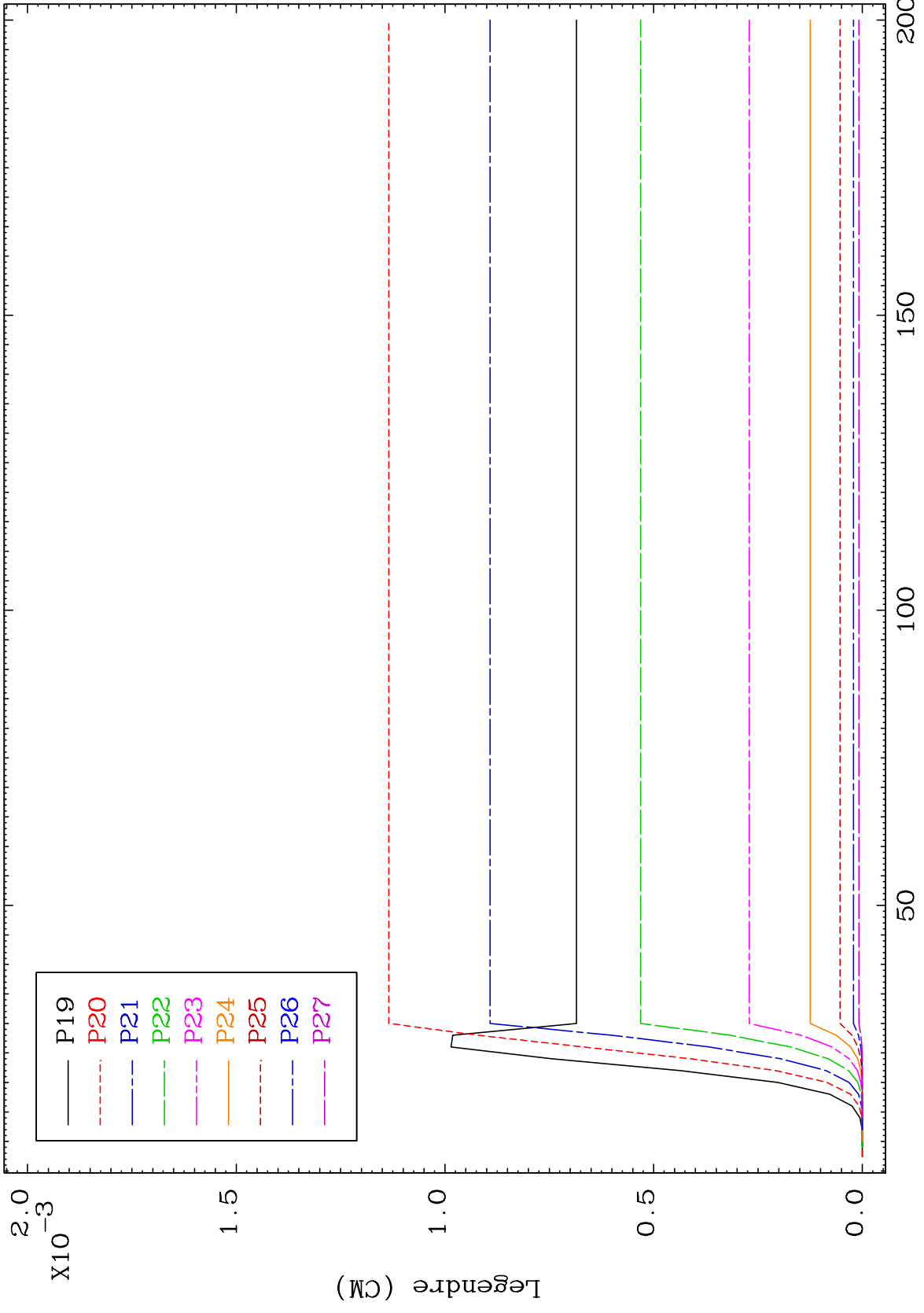
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



40

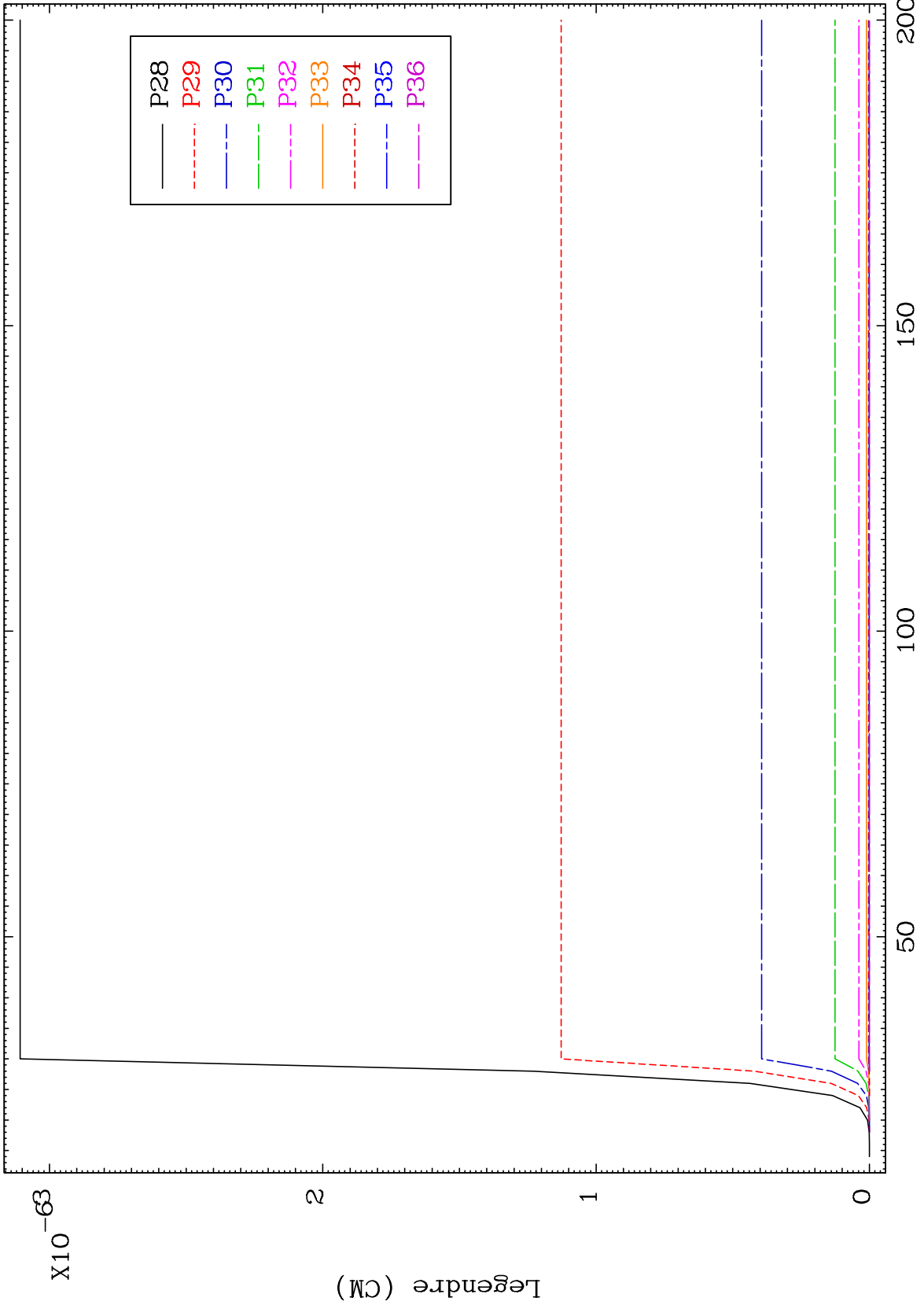
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142

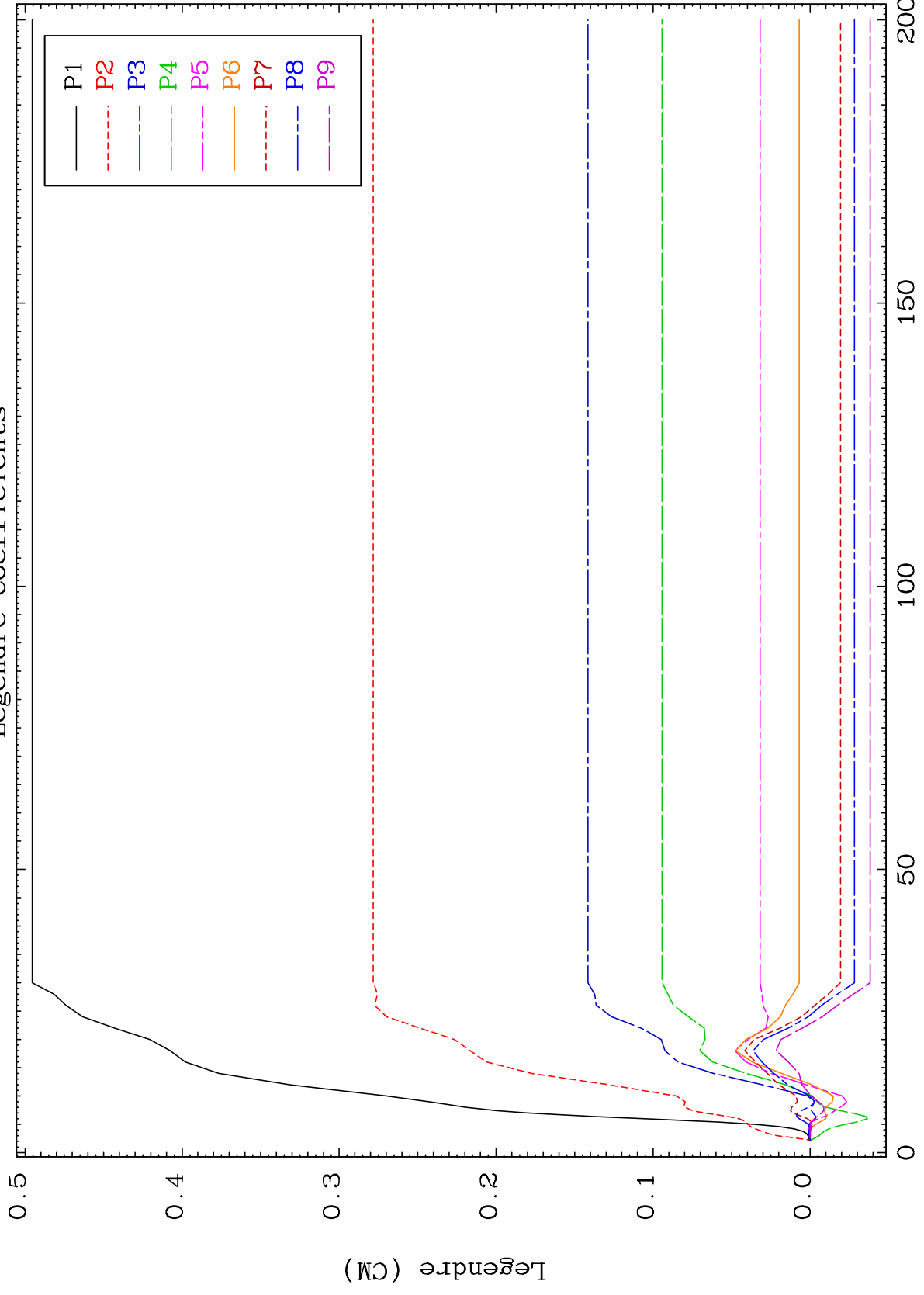


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Incident Energy (MeV)

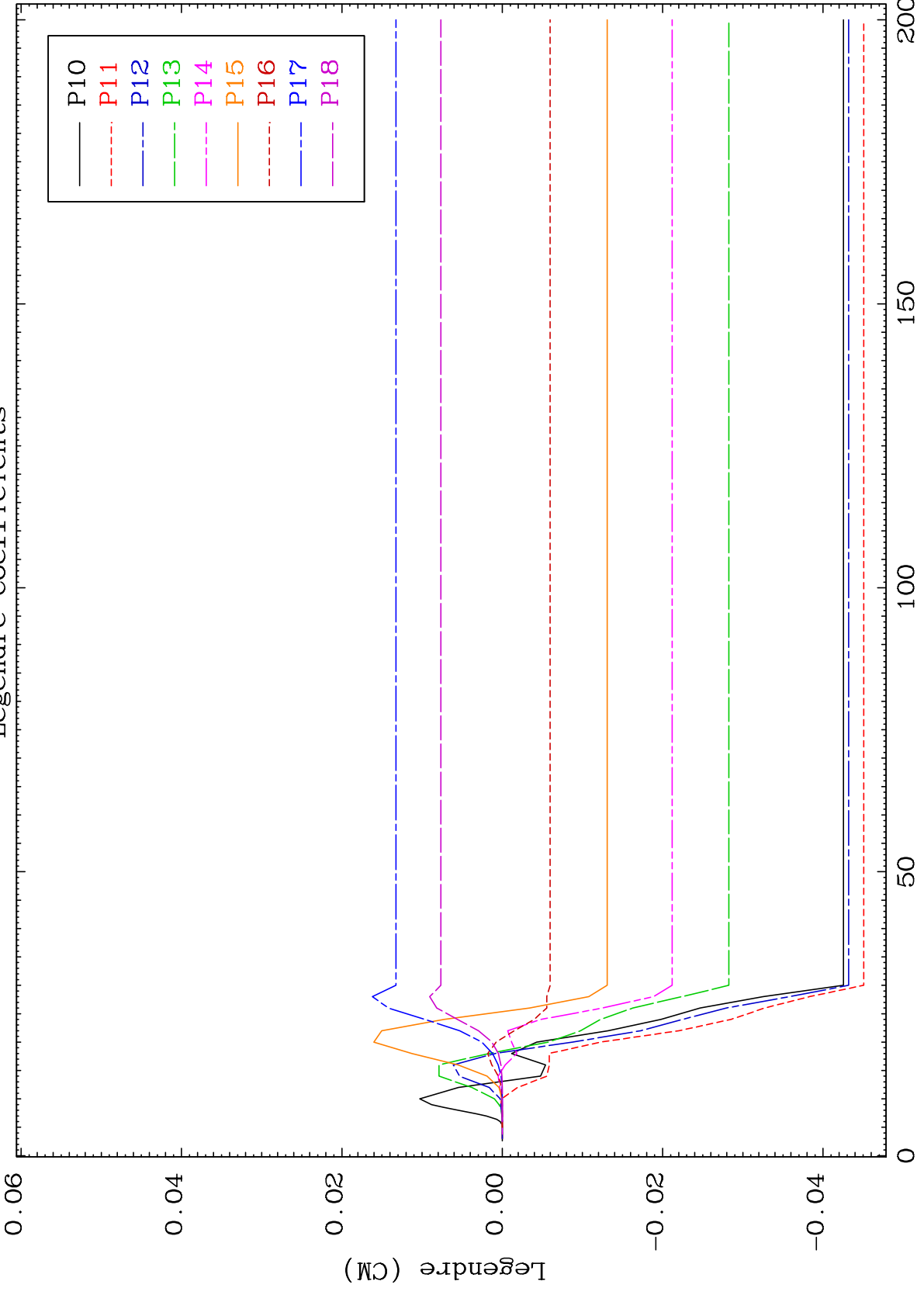
62-Sm-142

MAT 6219 MT= 57 (n,n') Level Legendre Coefficients 62-Sm-142



42 62-Sm-142

MAT 6219 MT= 57 (n,n') Level Legendre Coefficients 62-Sm-142

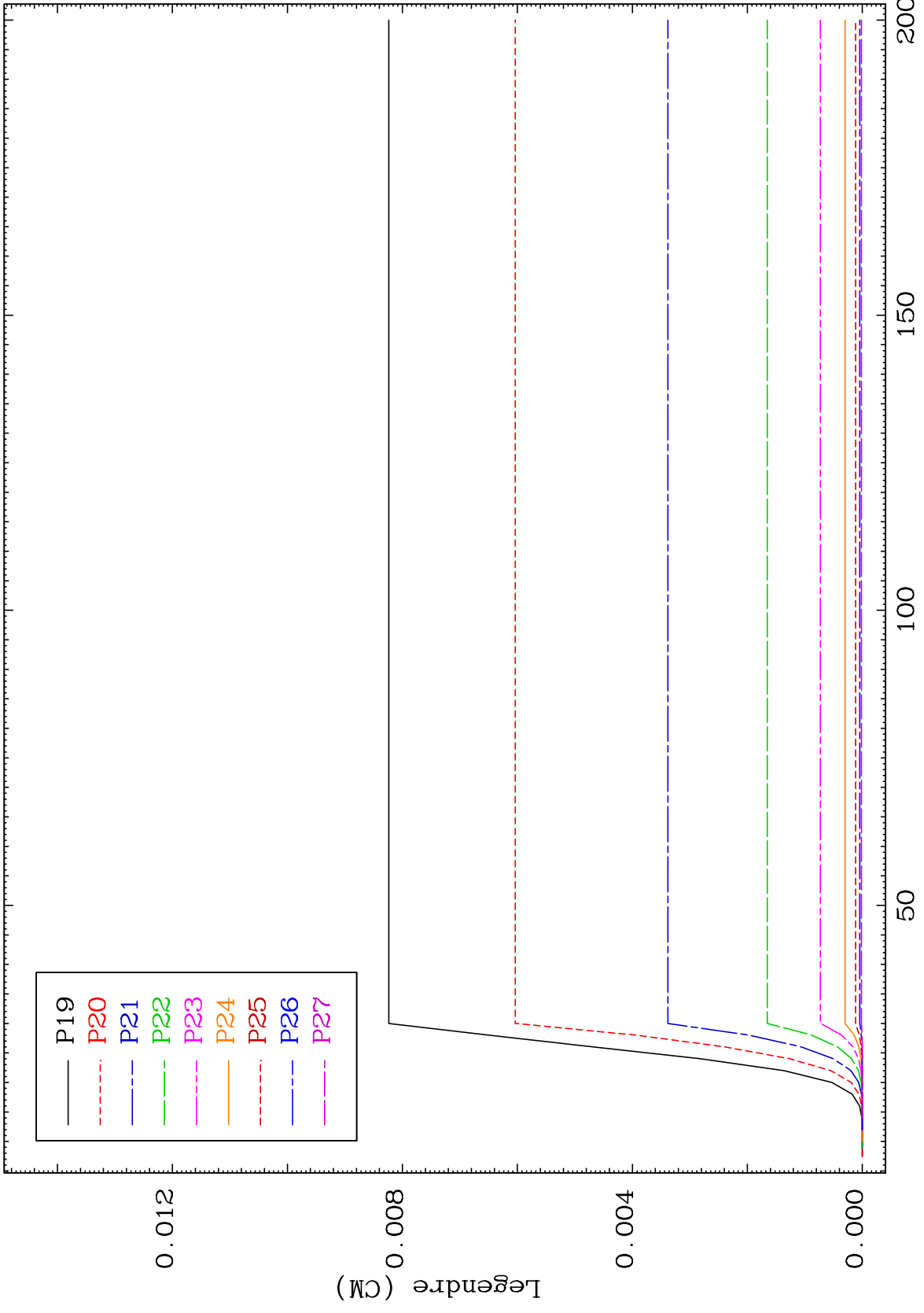


43 62-Sm-142

MAT 6219

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

62-Sm-142



44

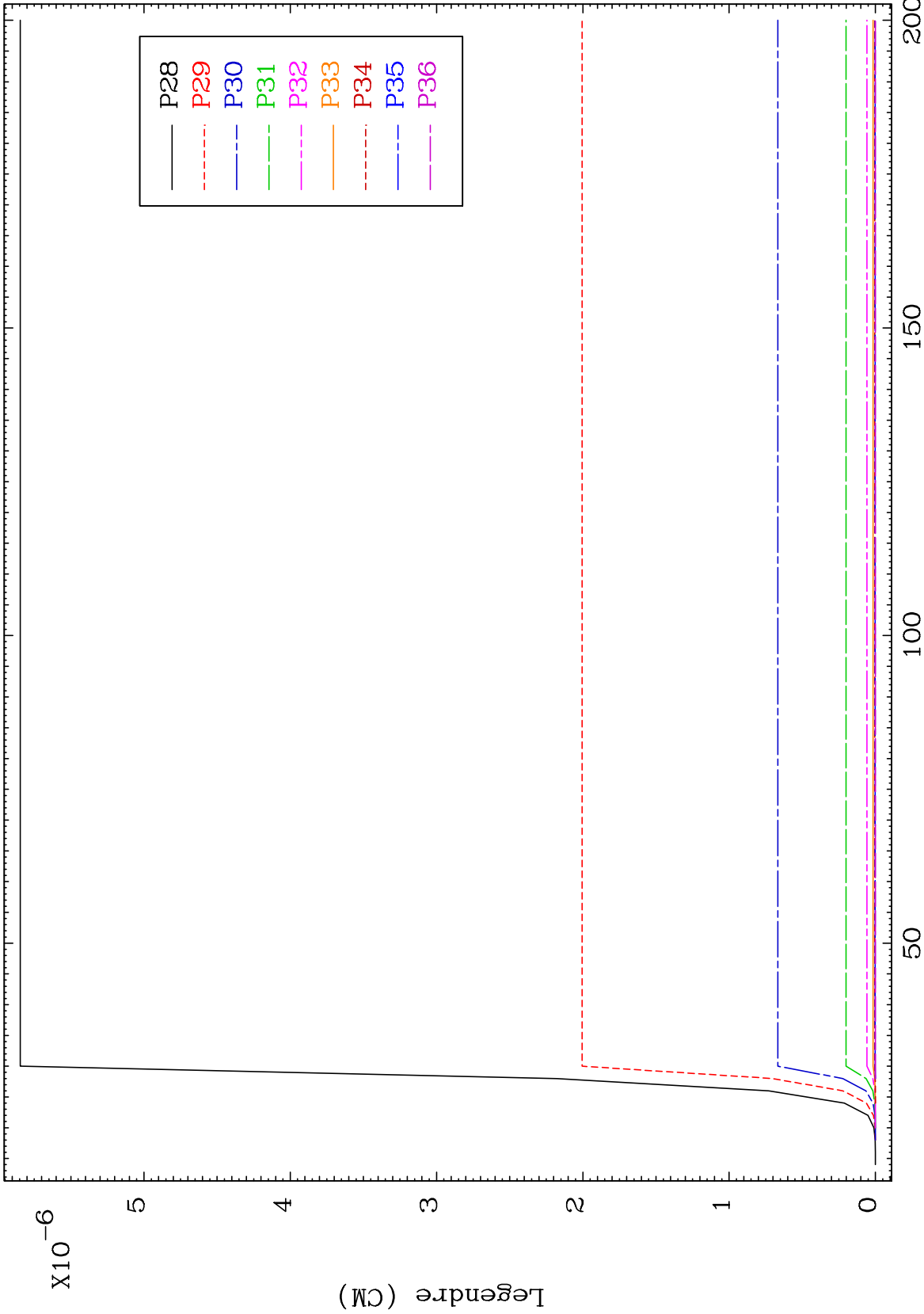
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



45

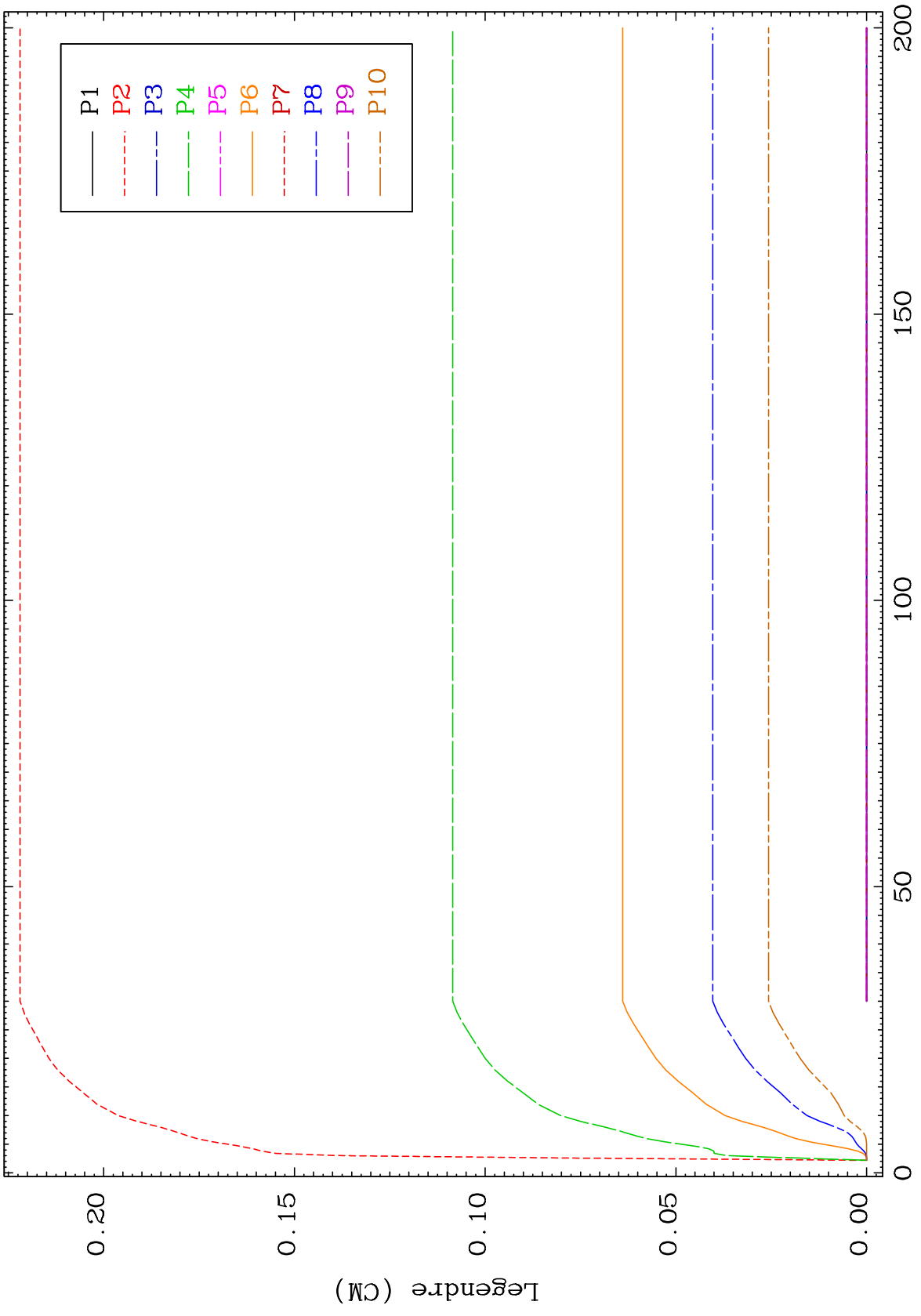
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142

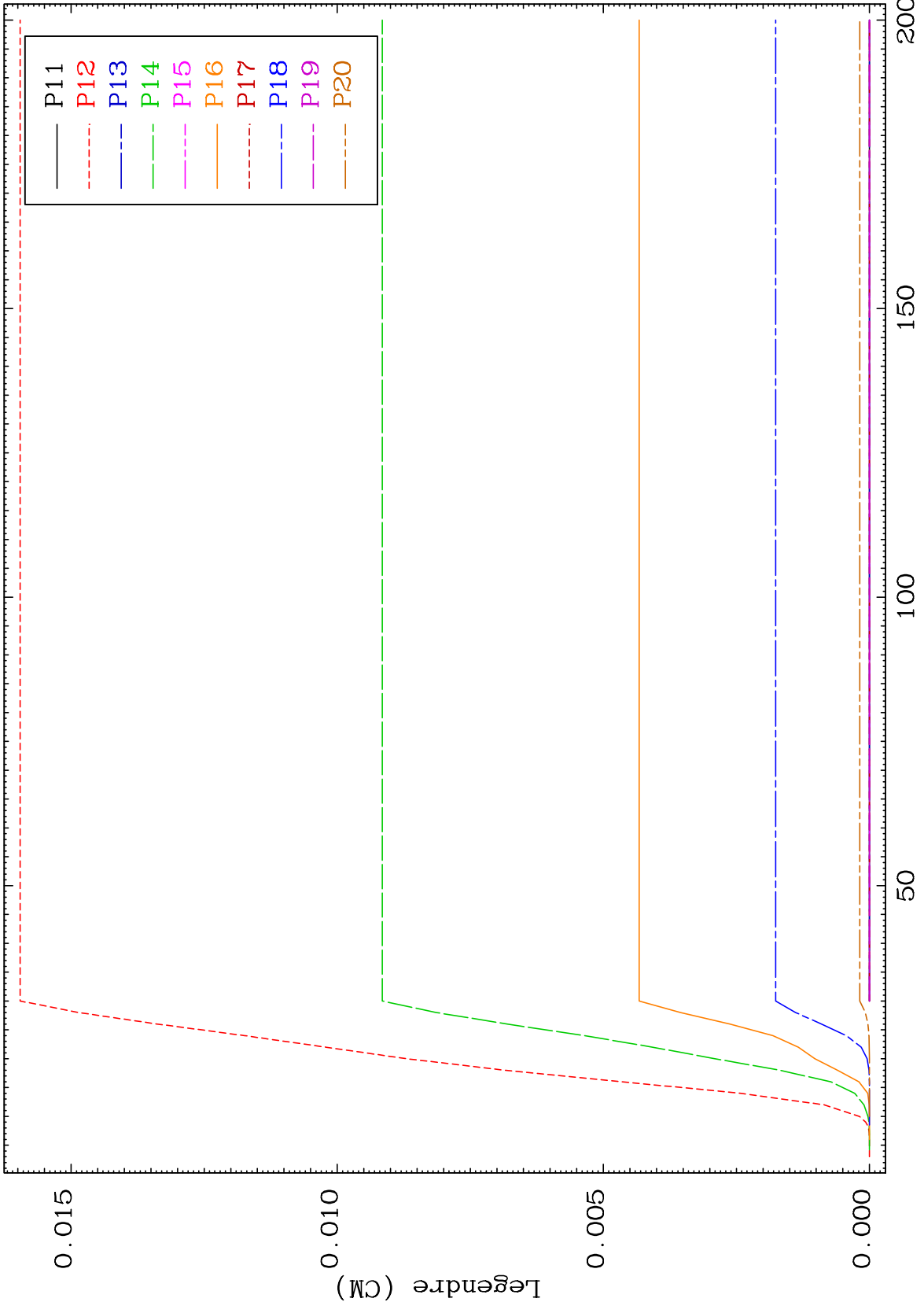


46

Incident Energy (MeV)

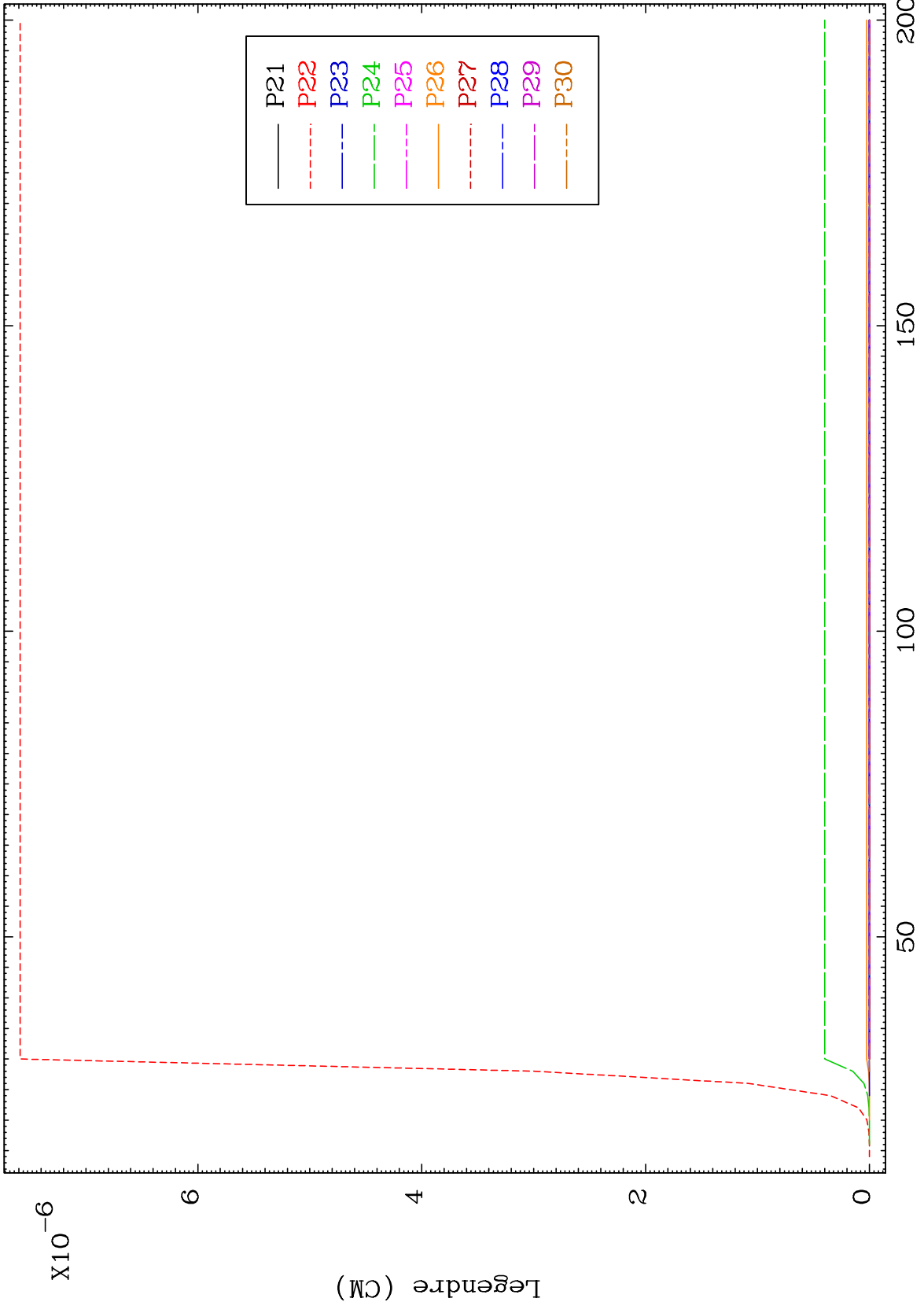
62-Sm-142

MAT 6219 MT= 58 (n,n') Level Legendre Coefficients 62-Sm-142



47 Incident Energy (MeV) 62-Sm-142

MAT 6219 MT= 58 (n,n') Level Legendre Coefficients 62-Sm-142

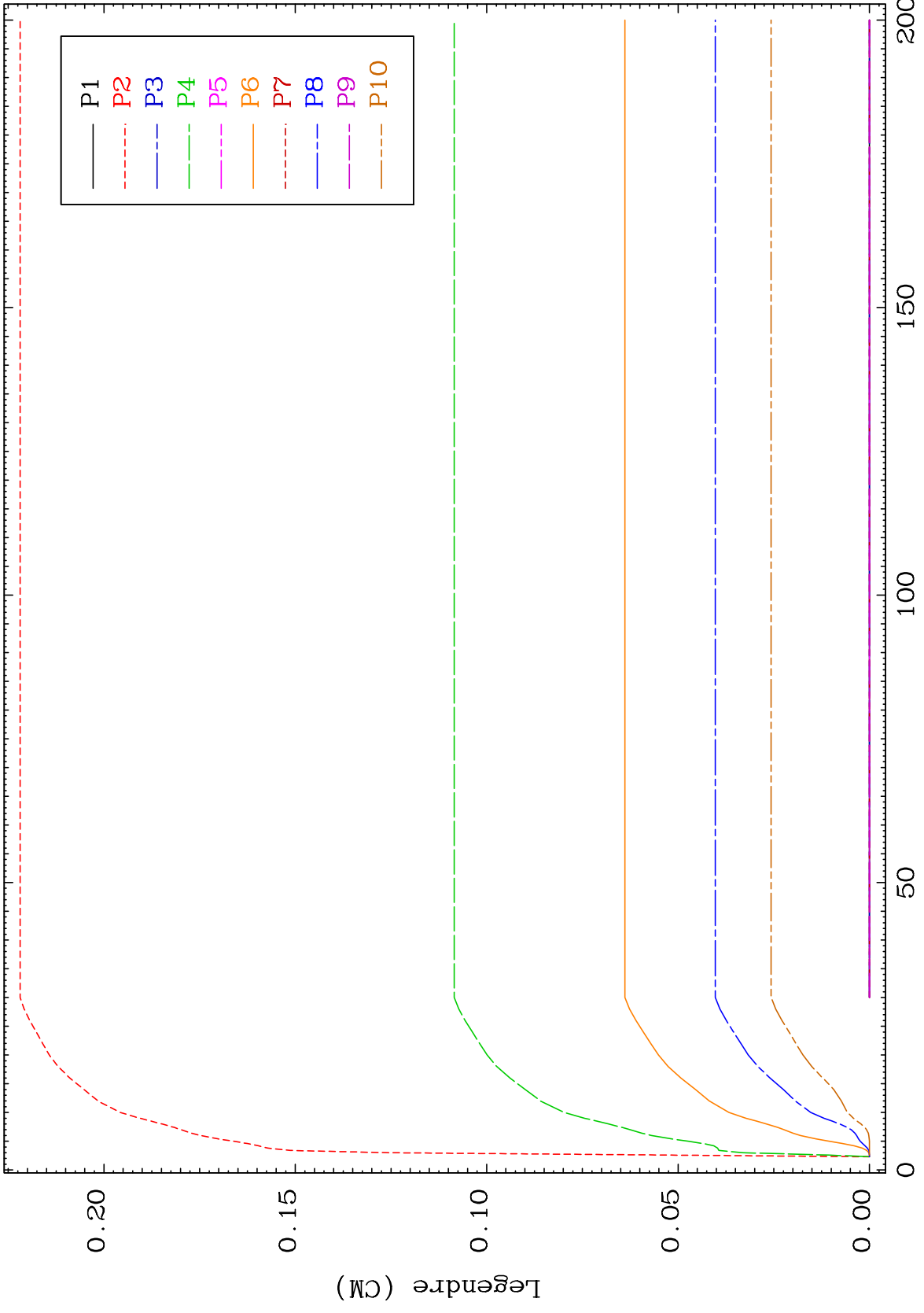


48 Incident Energy (MeV) 62-Sm-142

MAT 6219

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

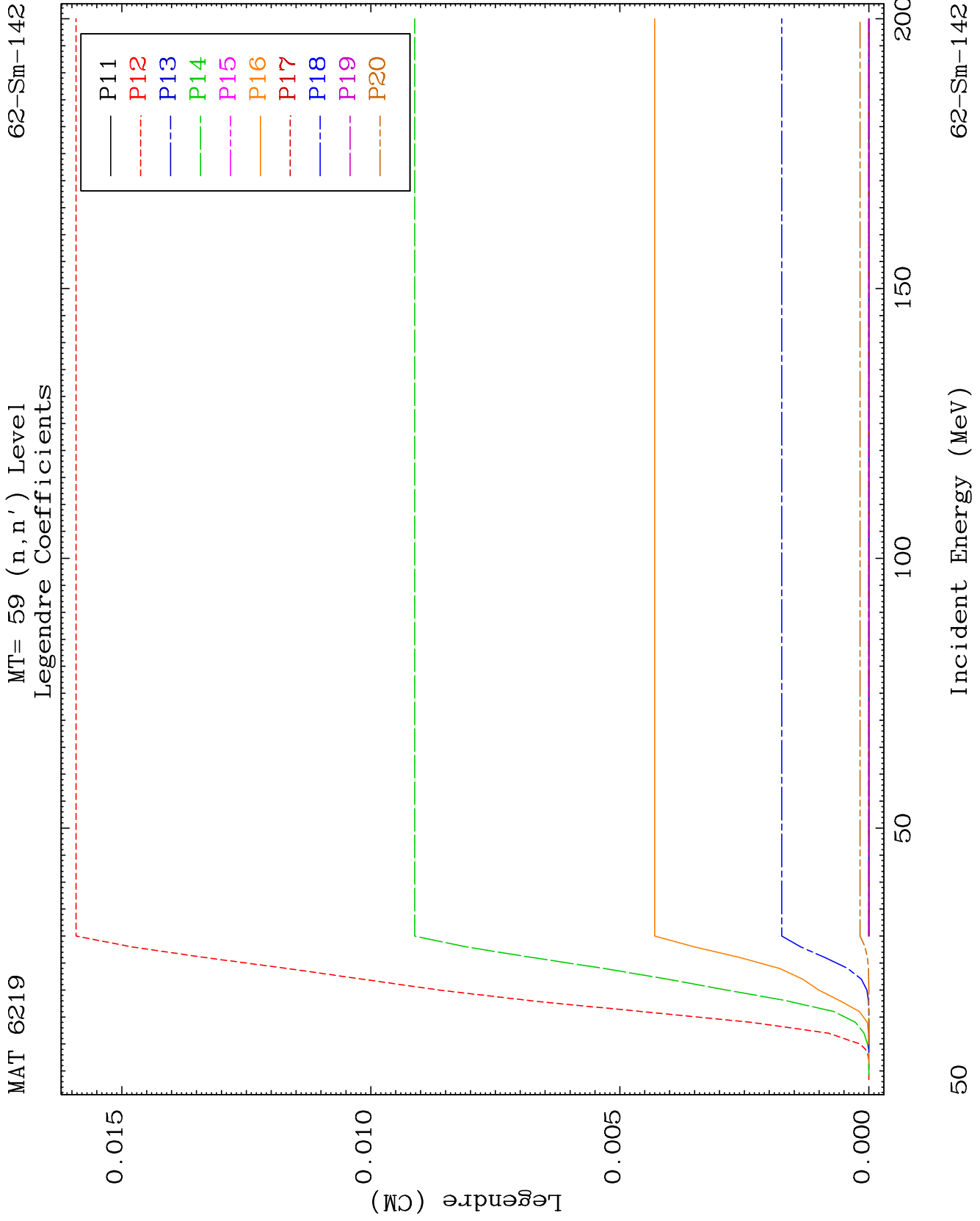
62-Sm-142



49

Incident Energy (MeV)

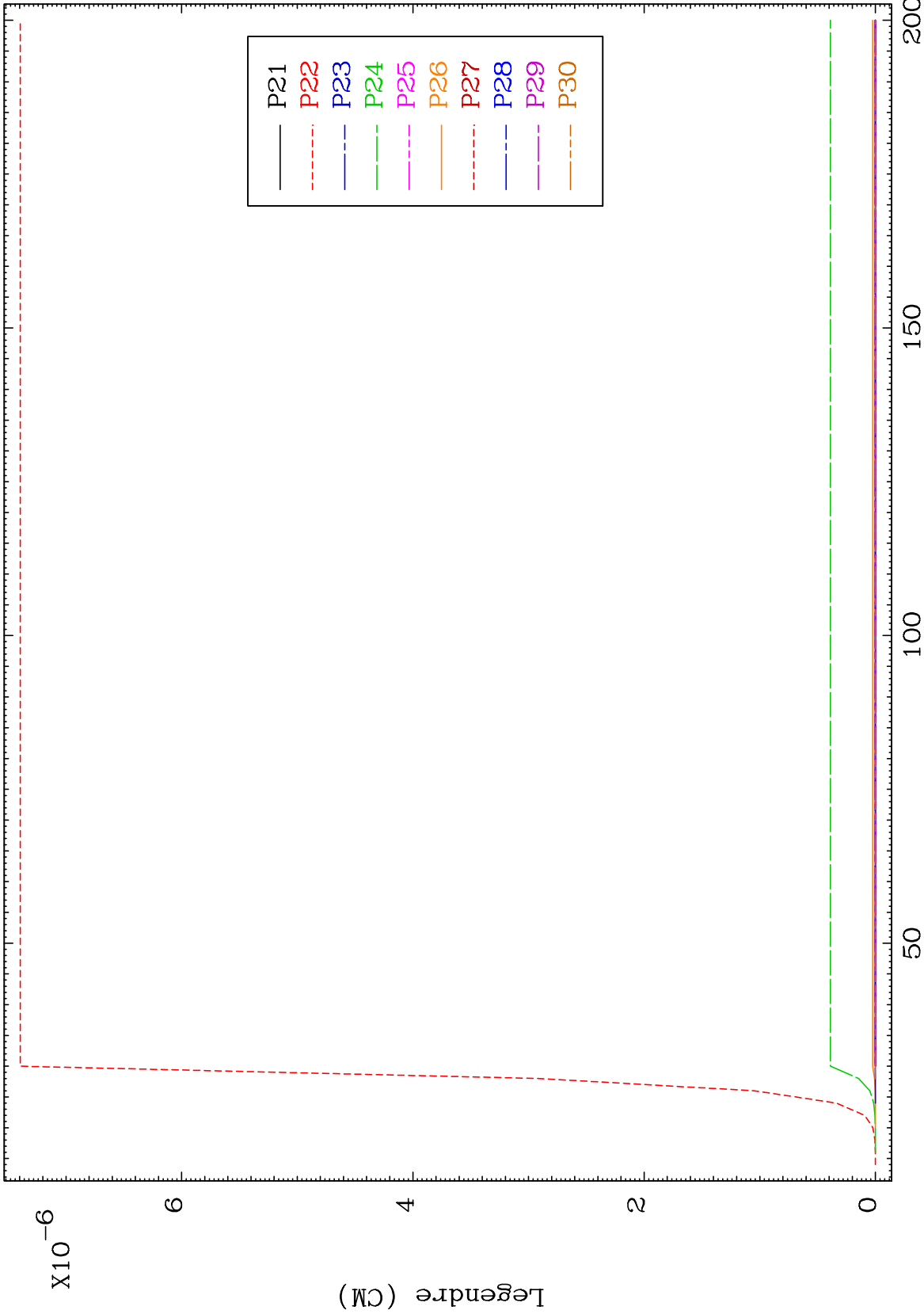
62-Sm-142



MAT 6219

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

62-Sm-142



51

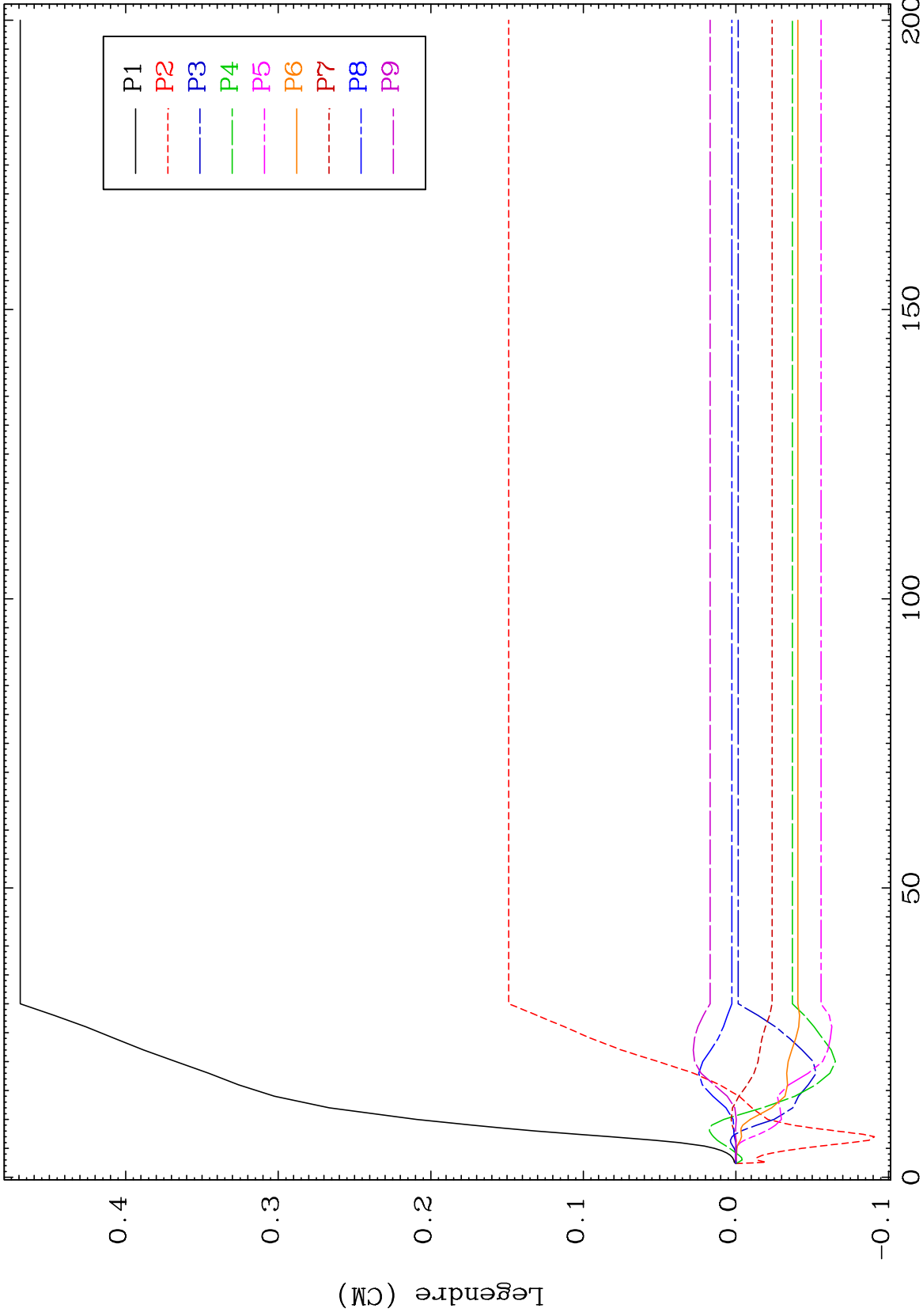
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



52

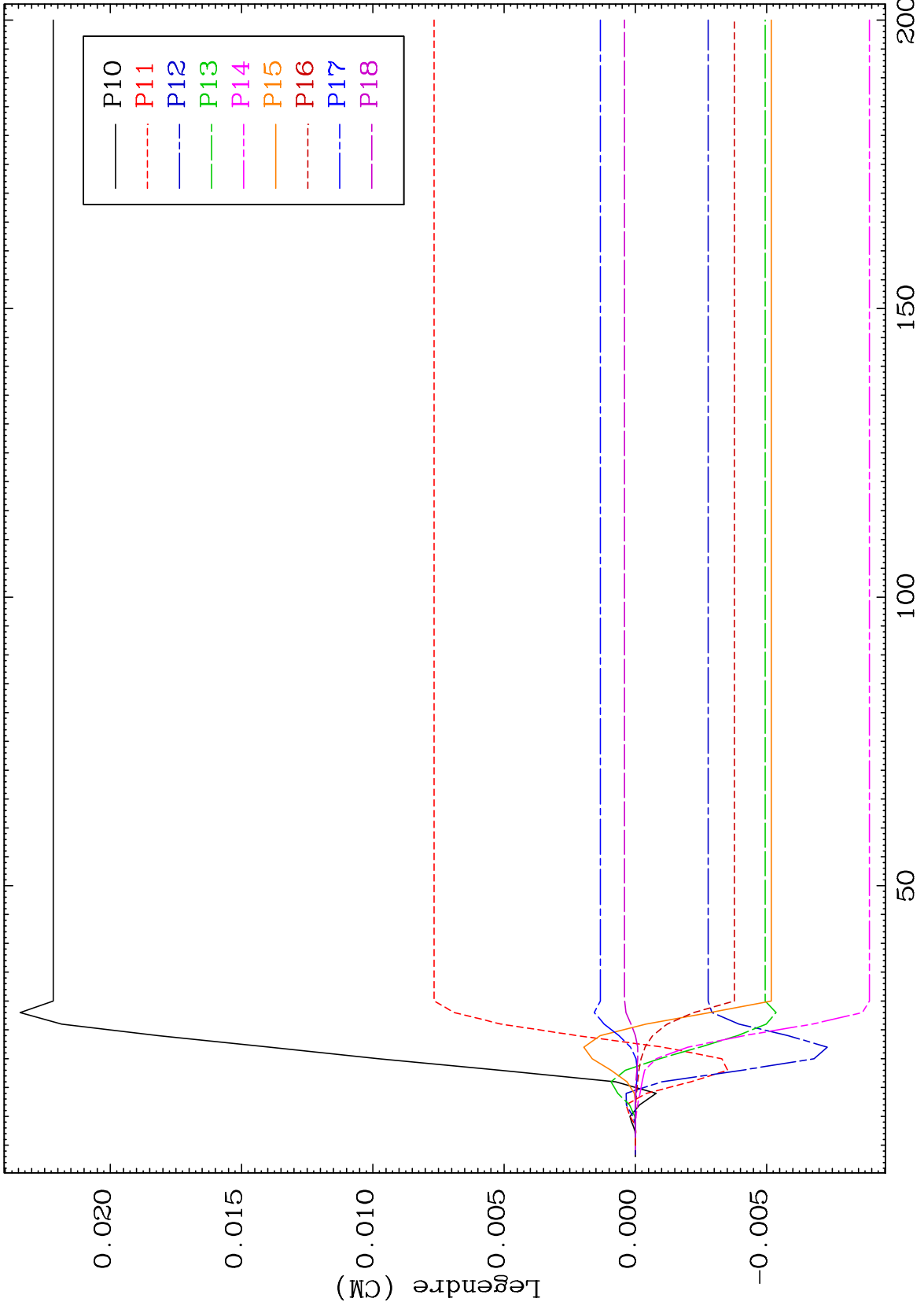
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



53

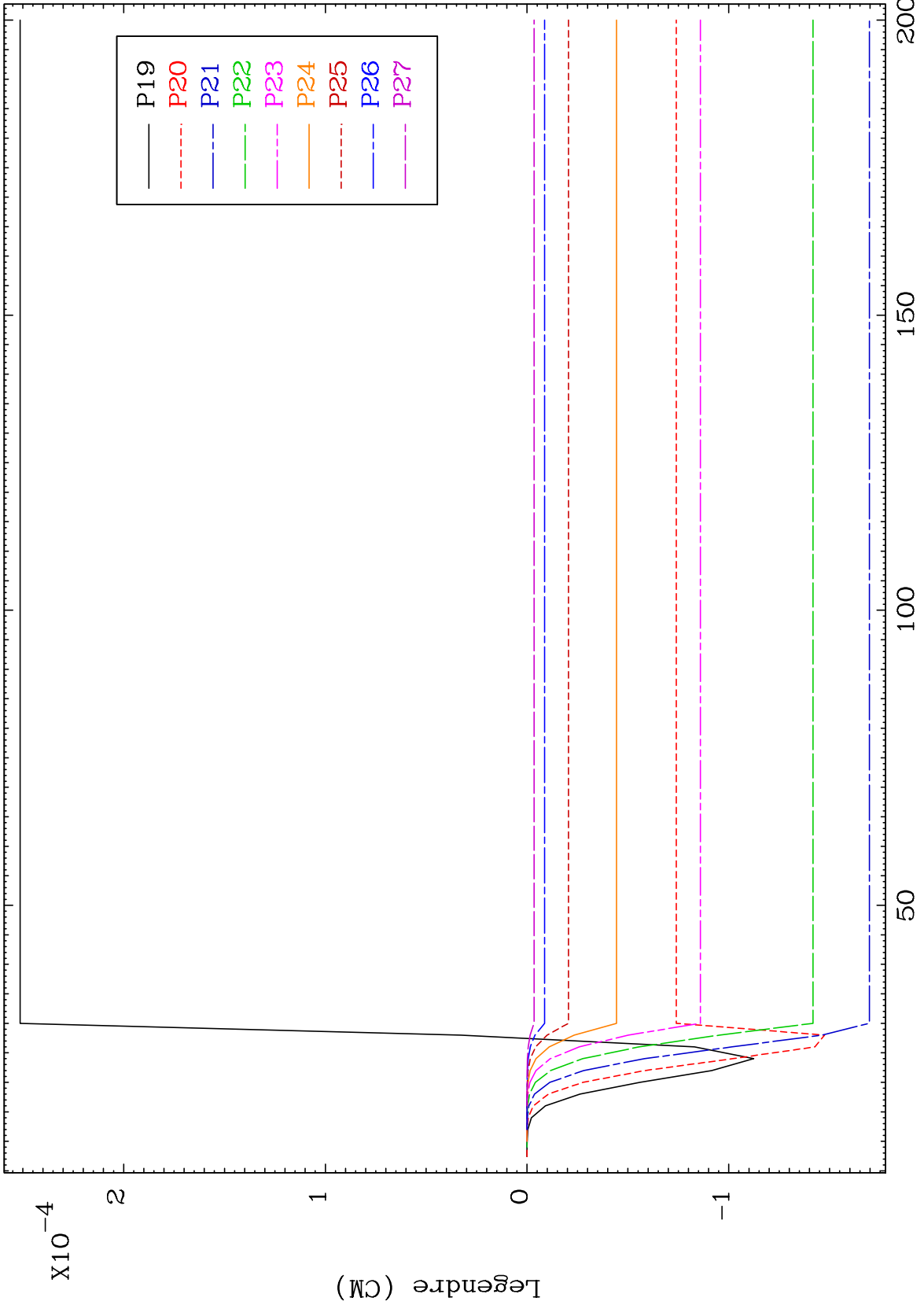
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



54

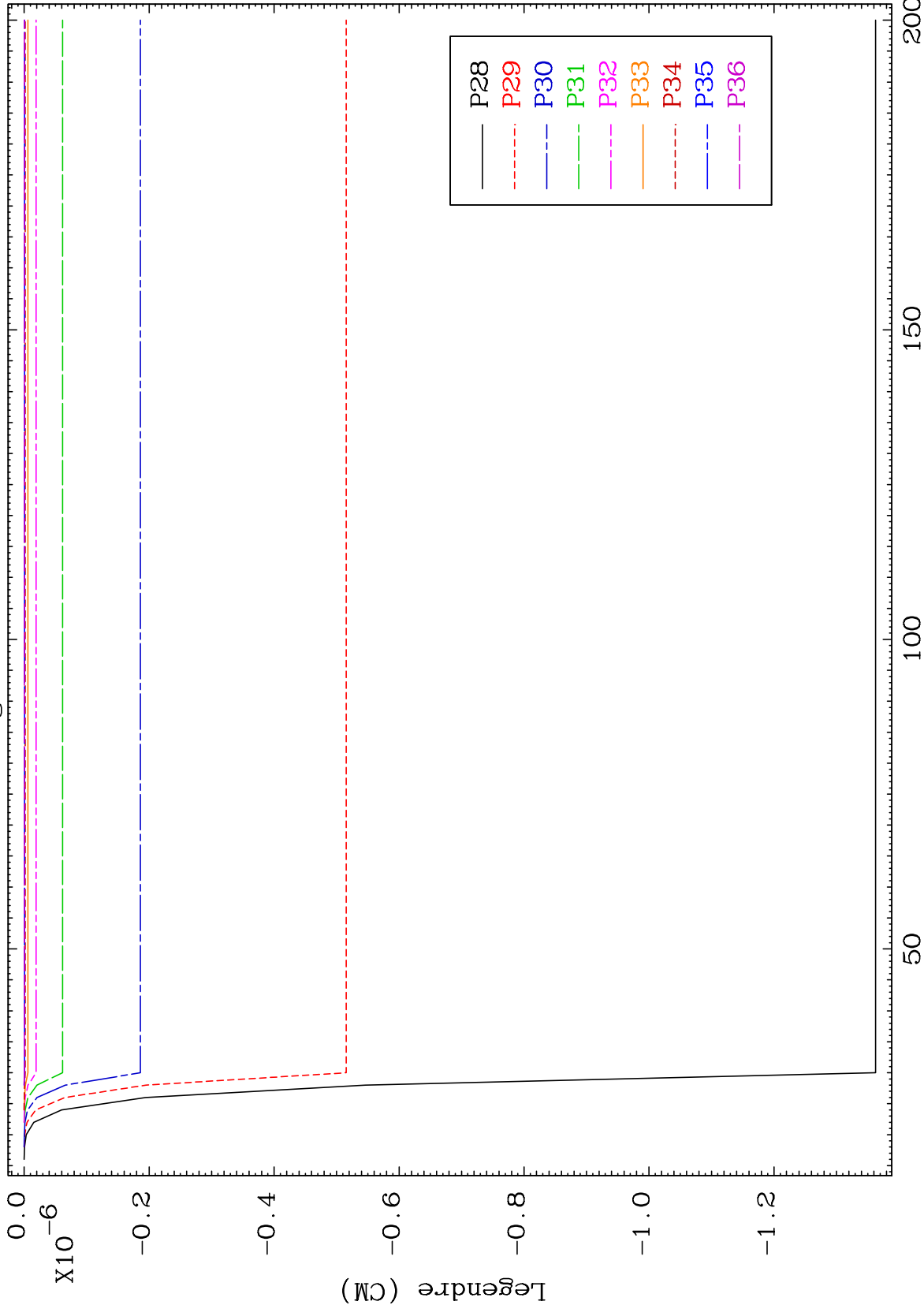
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142

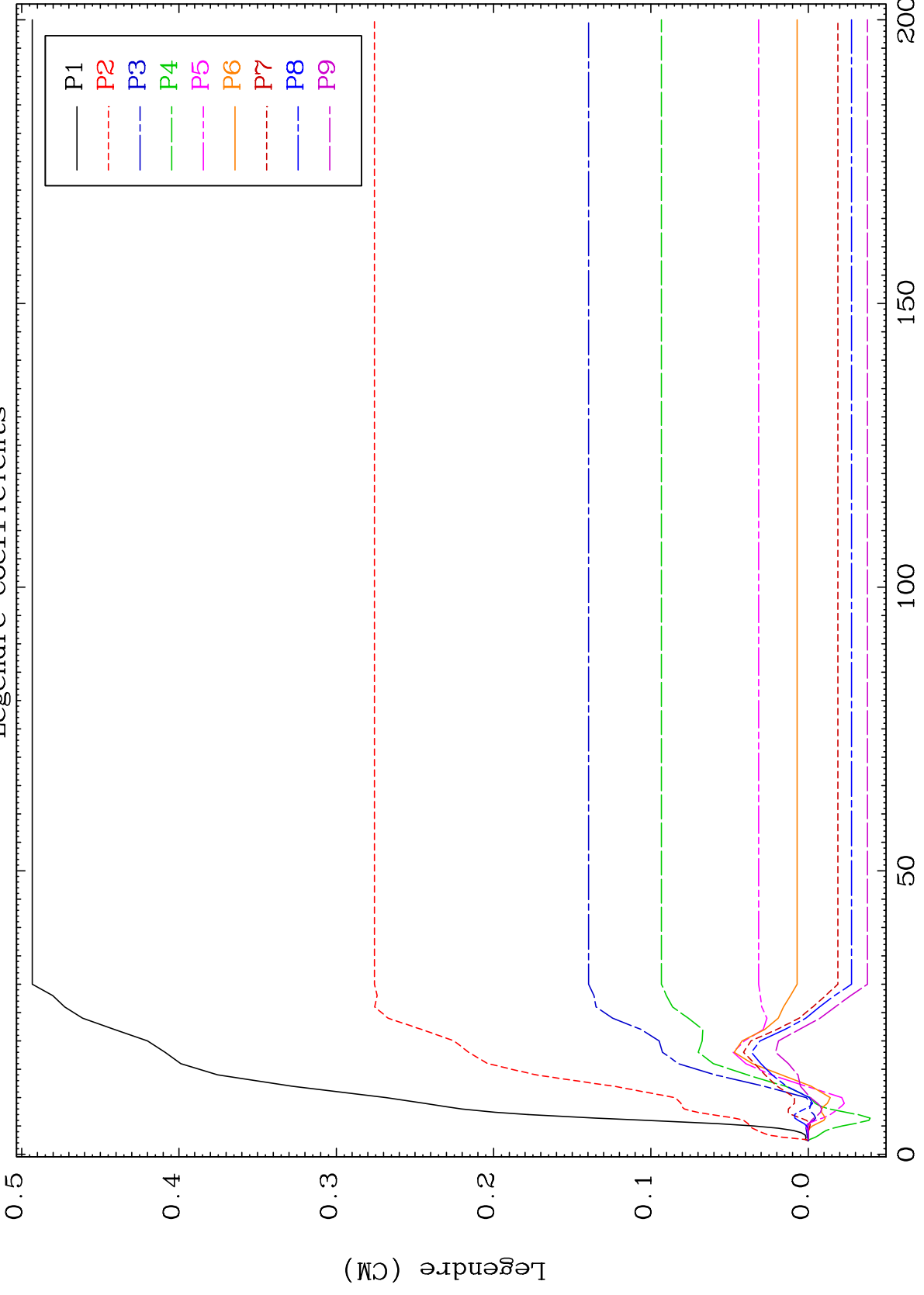


62-Sm-142

Incident Energy (MeV)

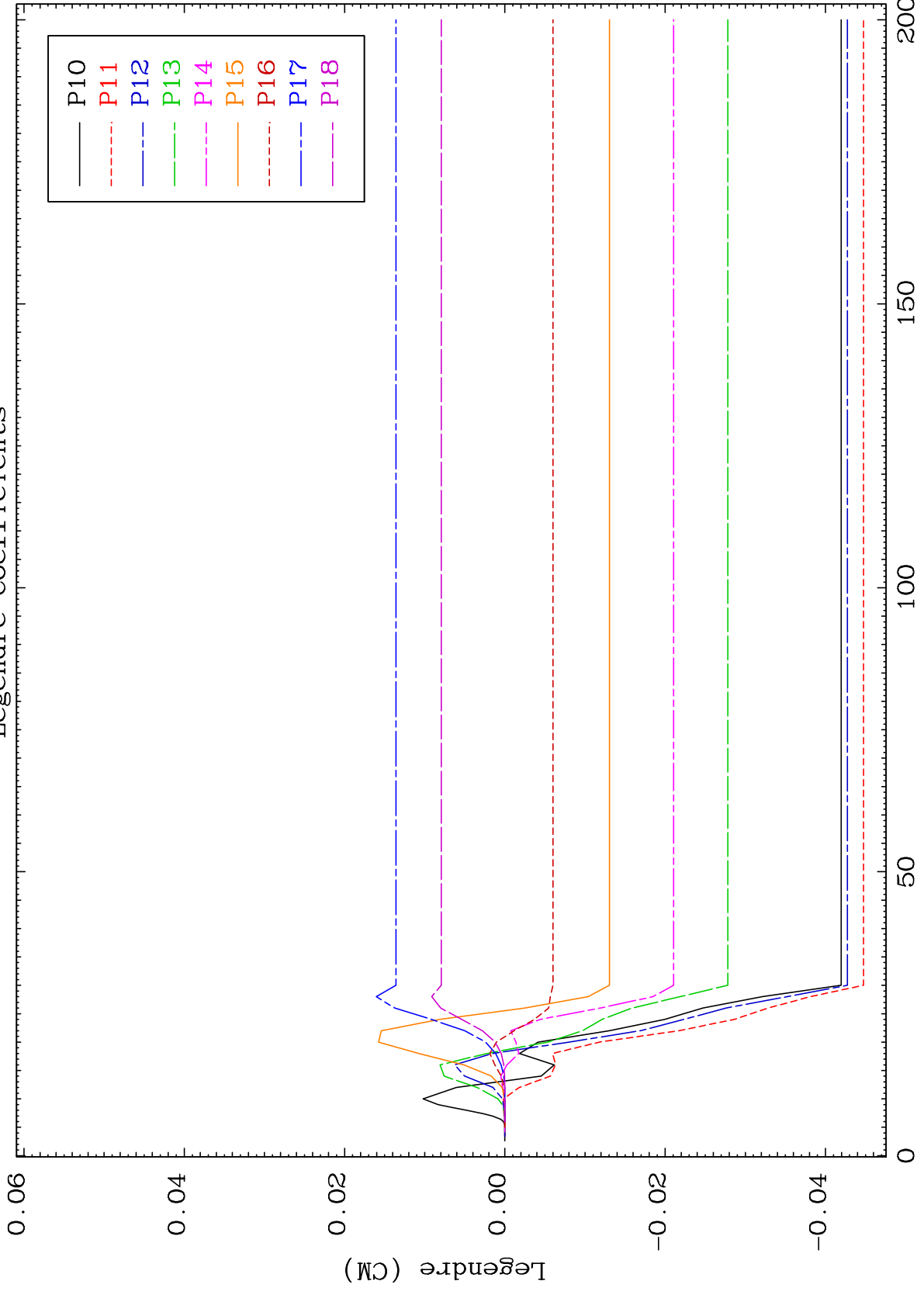
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MAT 6219 MT= 61 (n,n') Level Legendre Coefficients 62-Sm-142



56 62-Sm-142

MAT 6219 MT= 61 (n,n') Level Legendre Coefficients 62-Sm-142

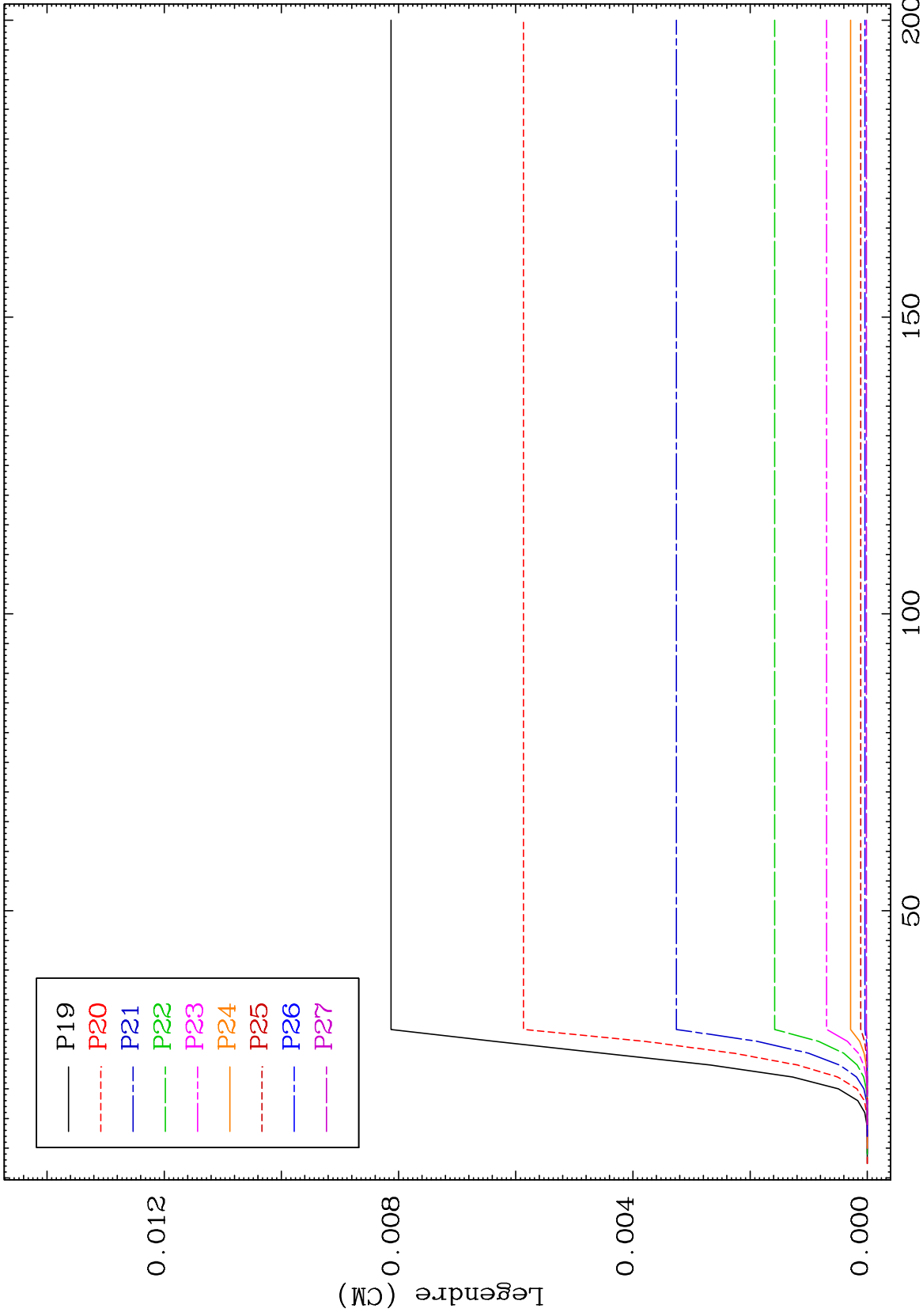


57 62-Sm-142

MAT 6219

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

62-Sm-142



58

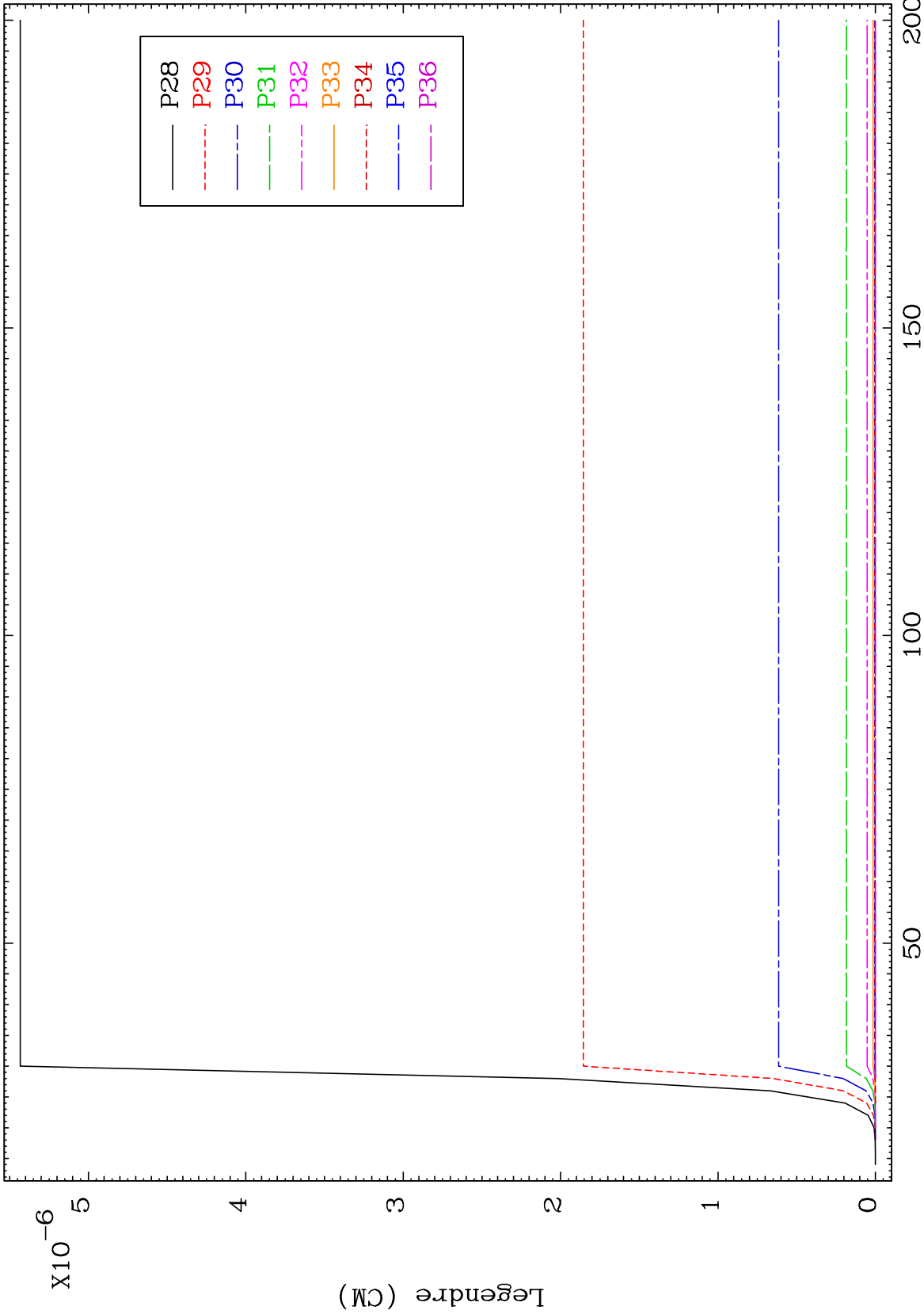
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



59

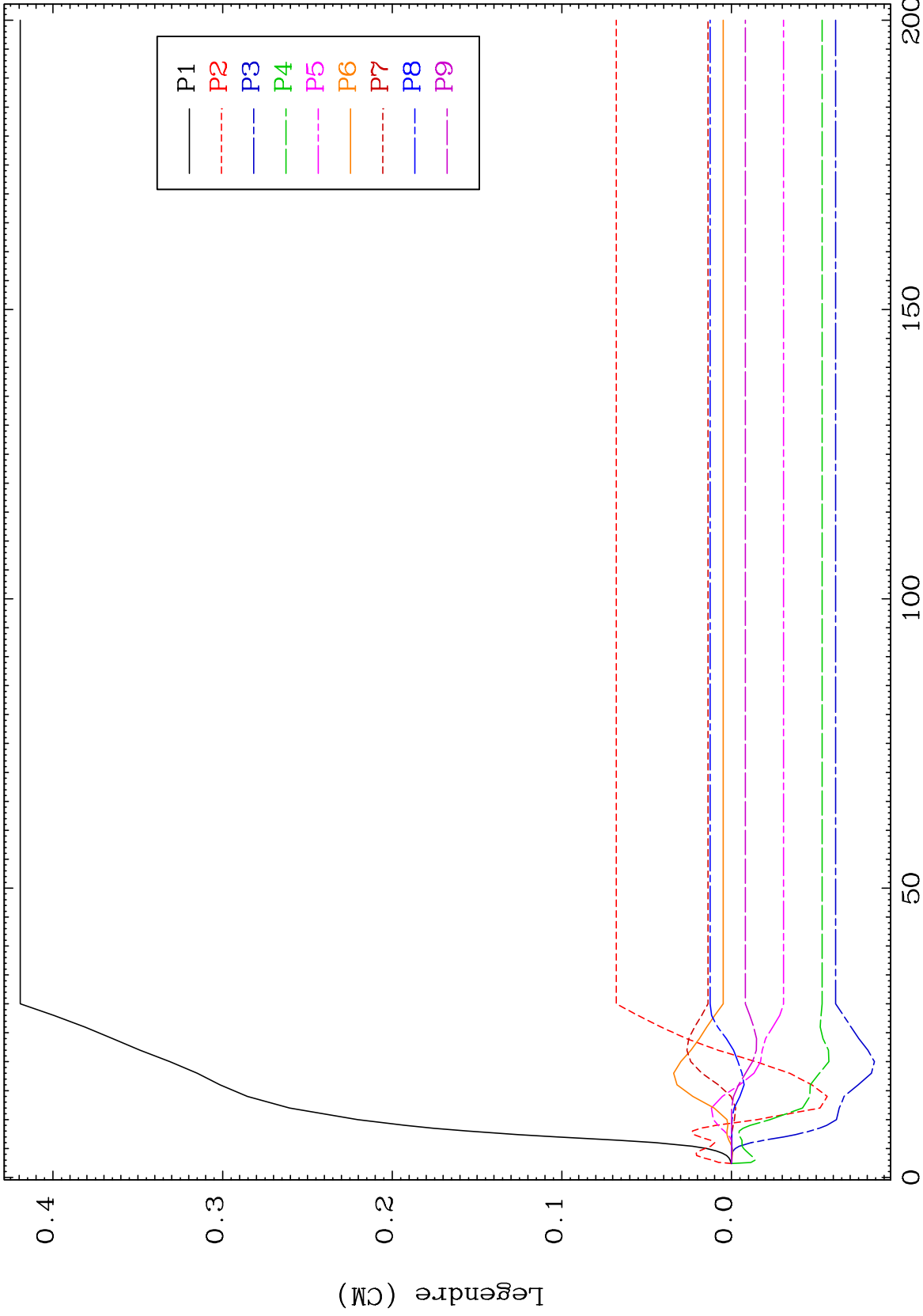
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



60

Incident Energy (MeV)

150

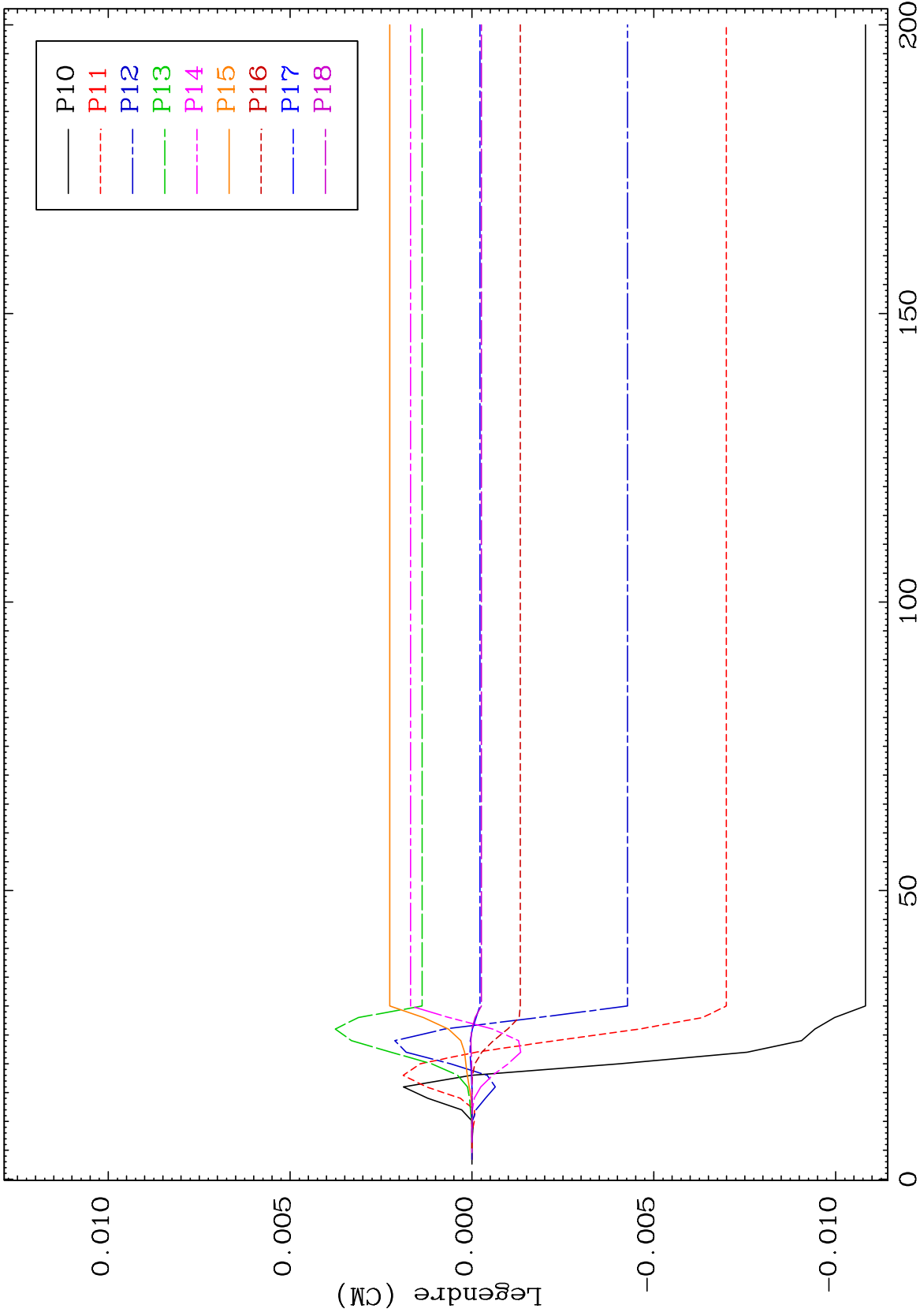
200

62-Sm-142

MAT 6219

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

62-Sm-142



61

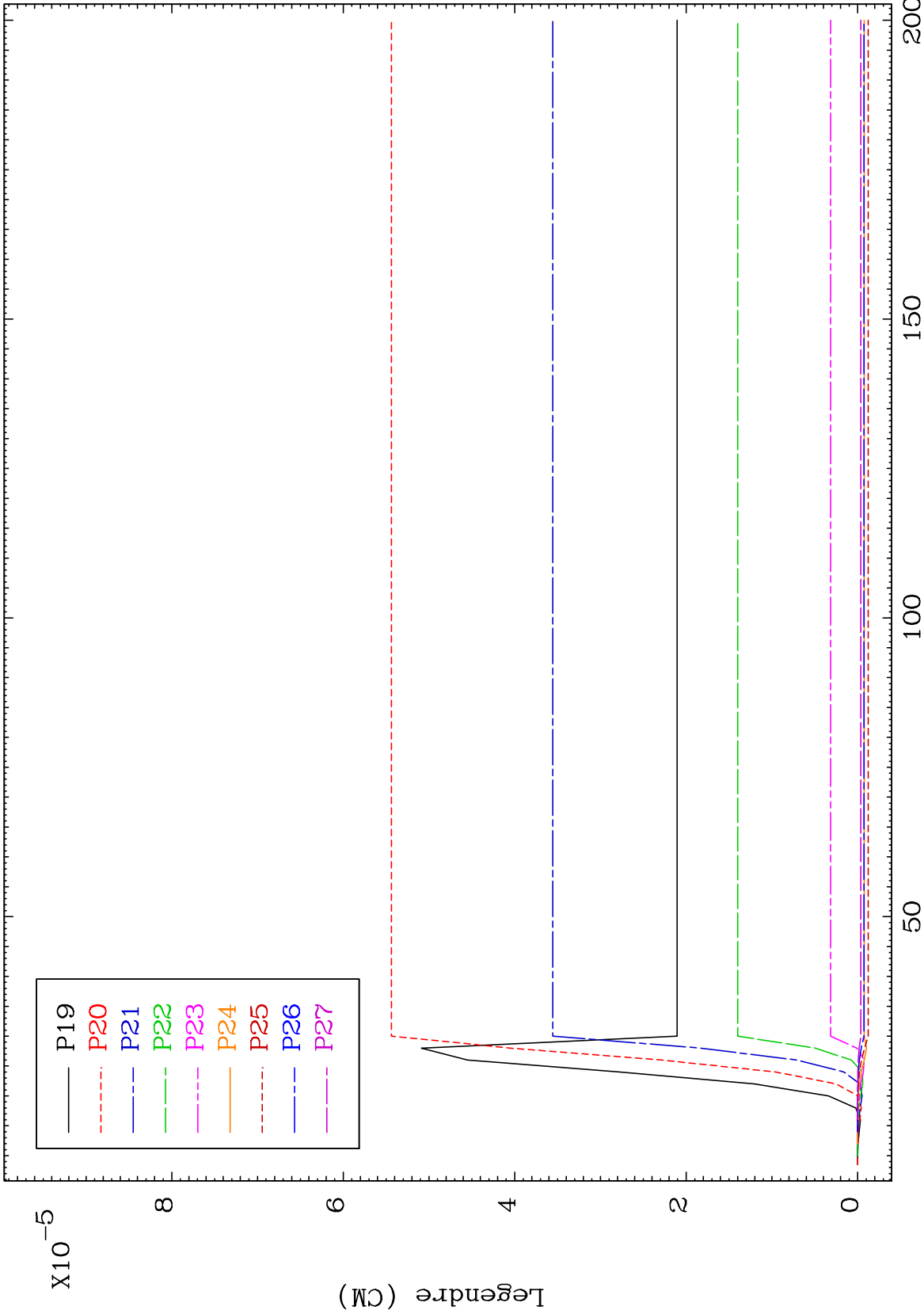
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



62

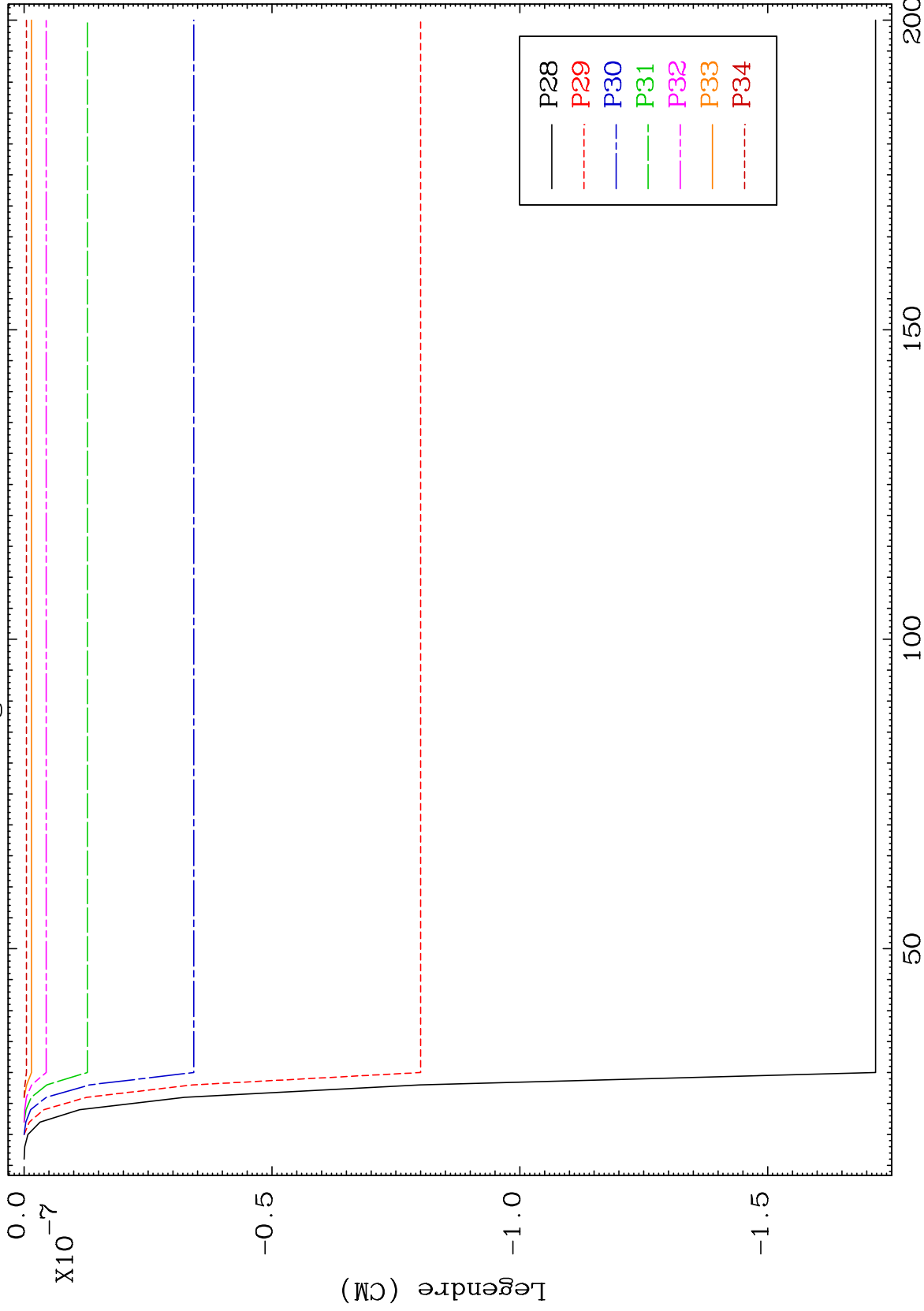
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

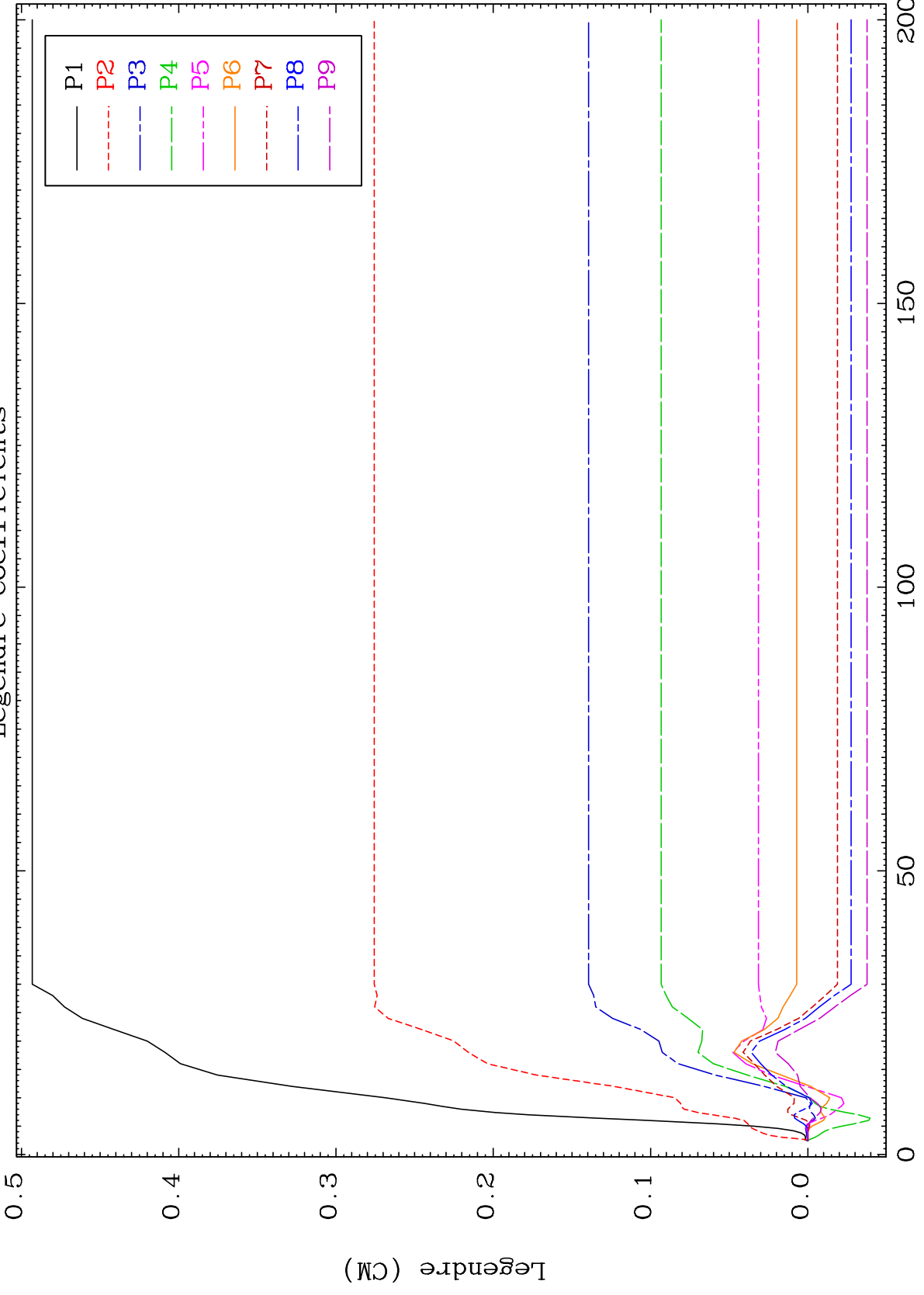
62-Sm-142



62-Sm-142

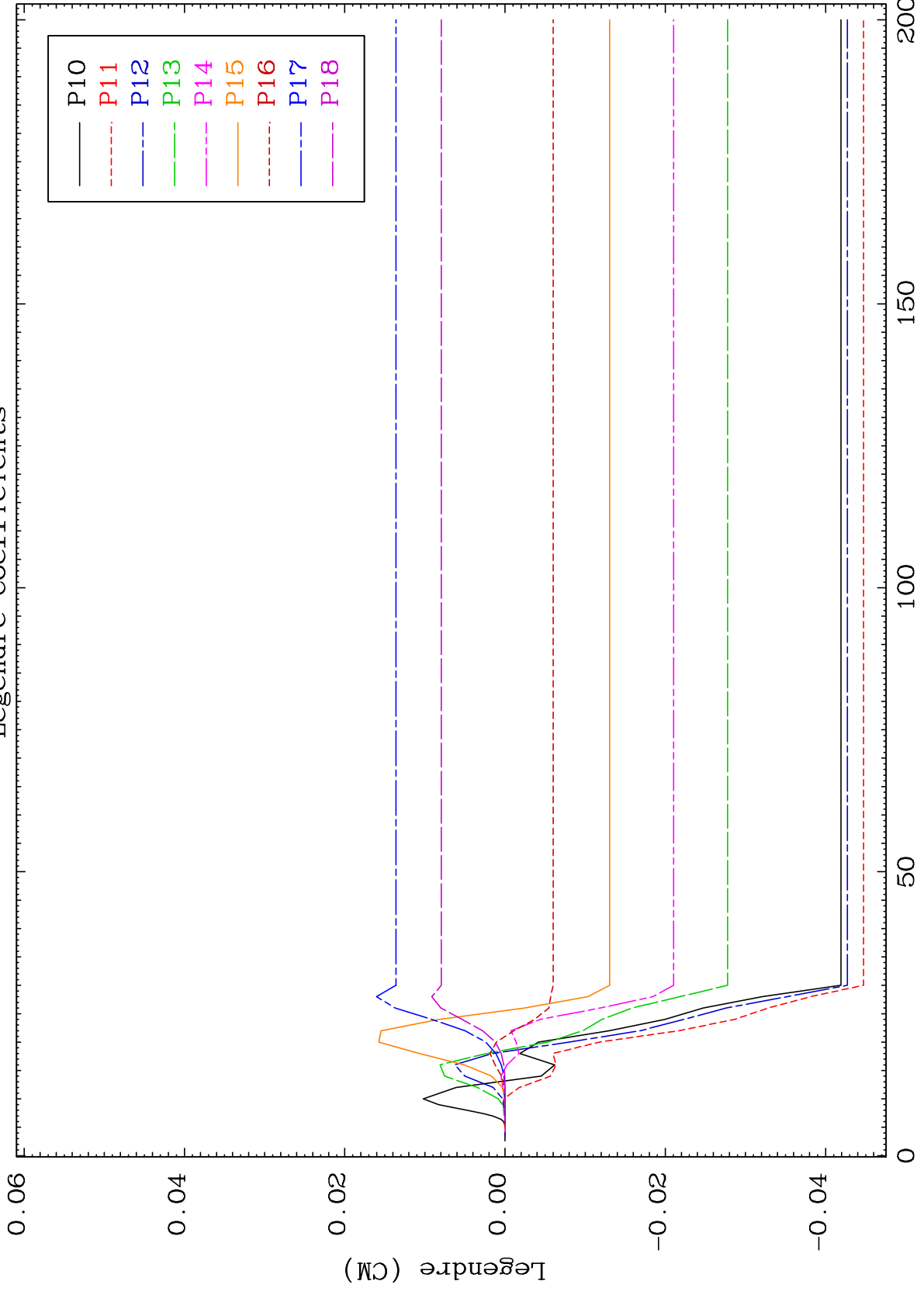
63

MAT 6219 MT= 63 (n,n') Level Legendre Coefficients 62-Sm-142



64 62-Sm-142

MAT 6219 MT= 63 (n,n') Level Legendre Coefficients 62-Sm-142

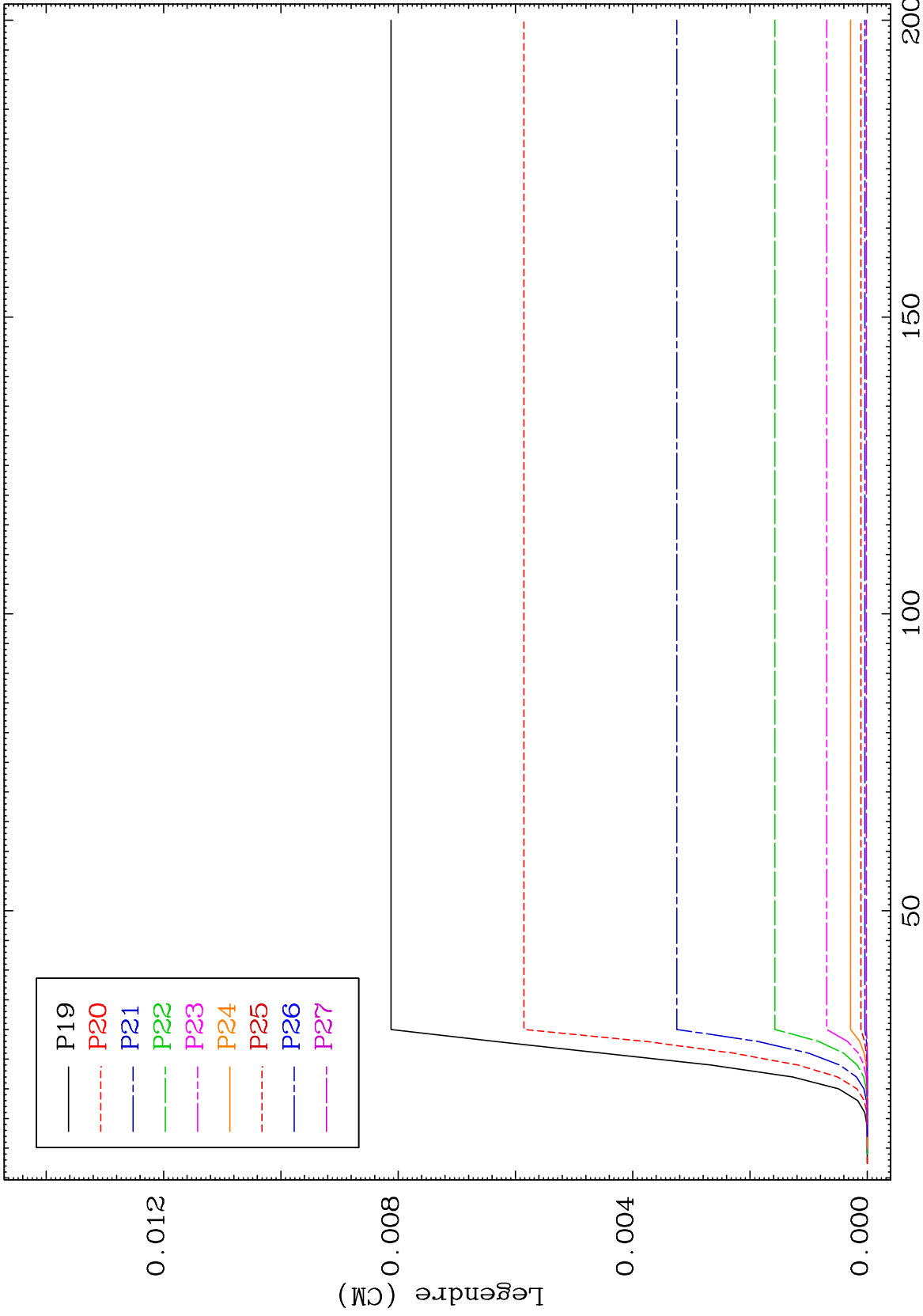


65 62-Sm-142

MAT 6219

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

62-Sm-142



66

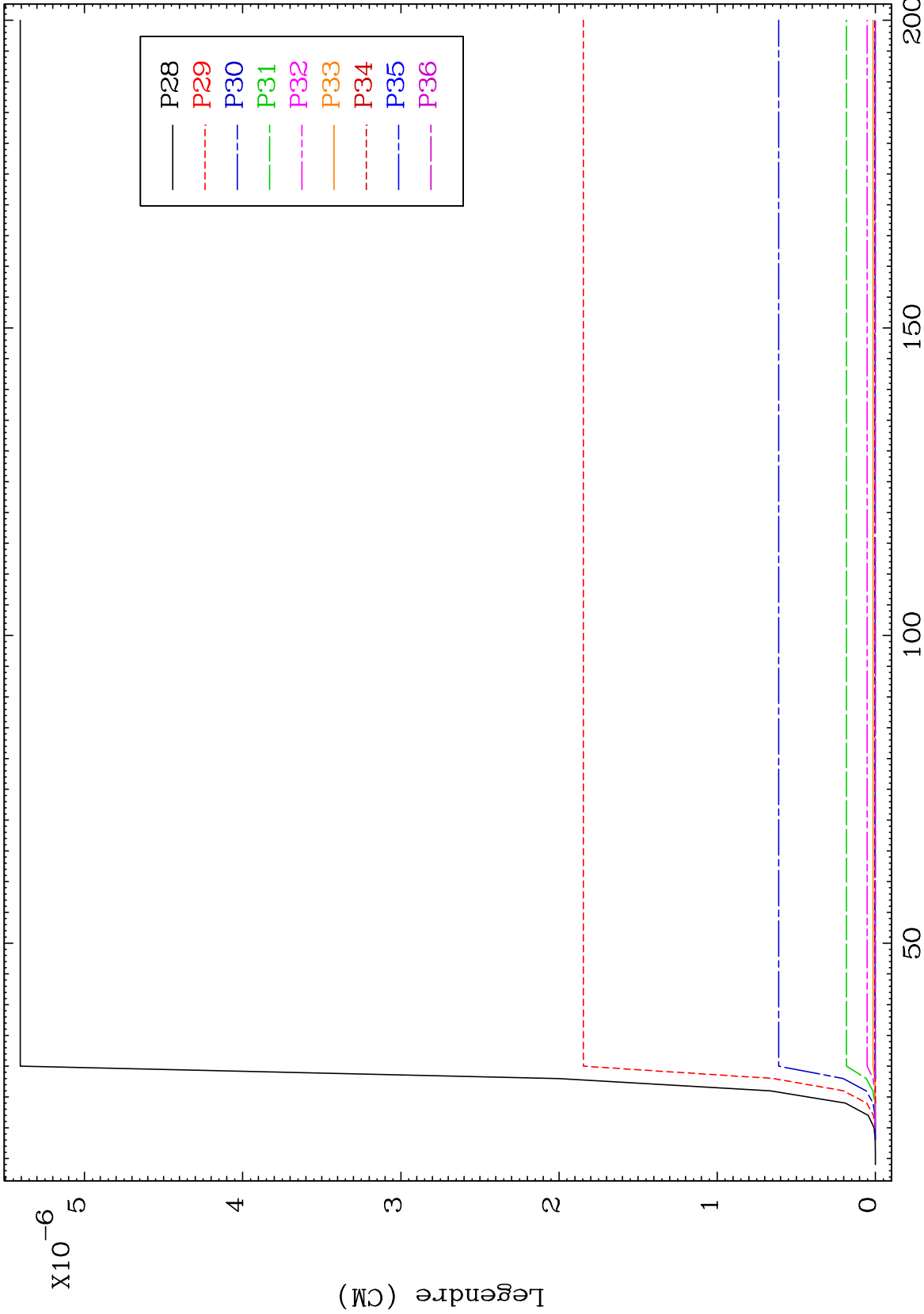
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142

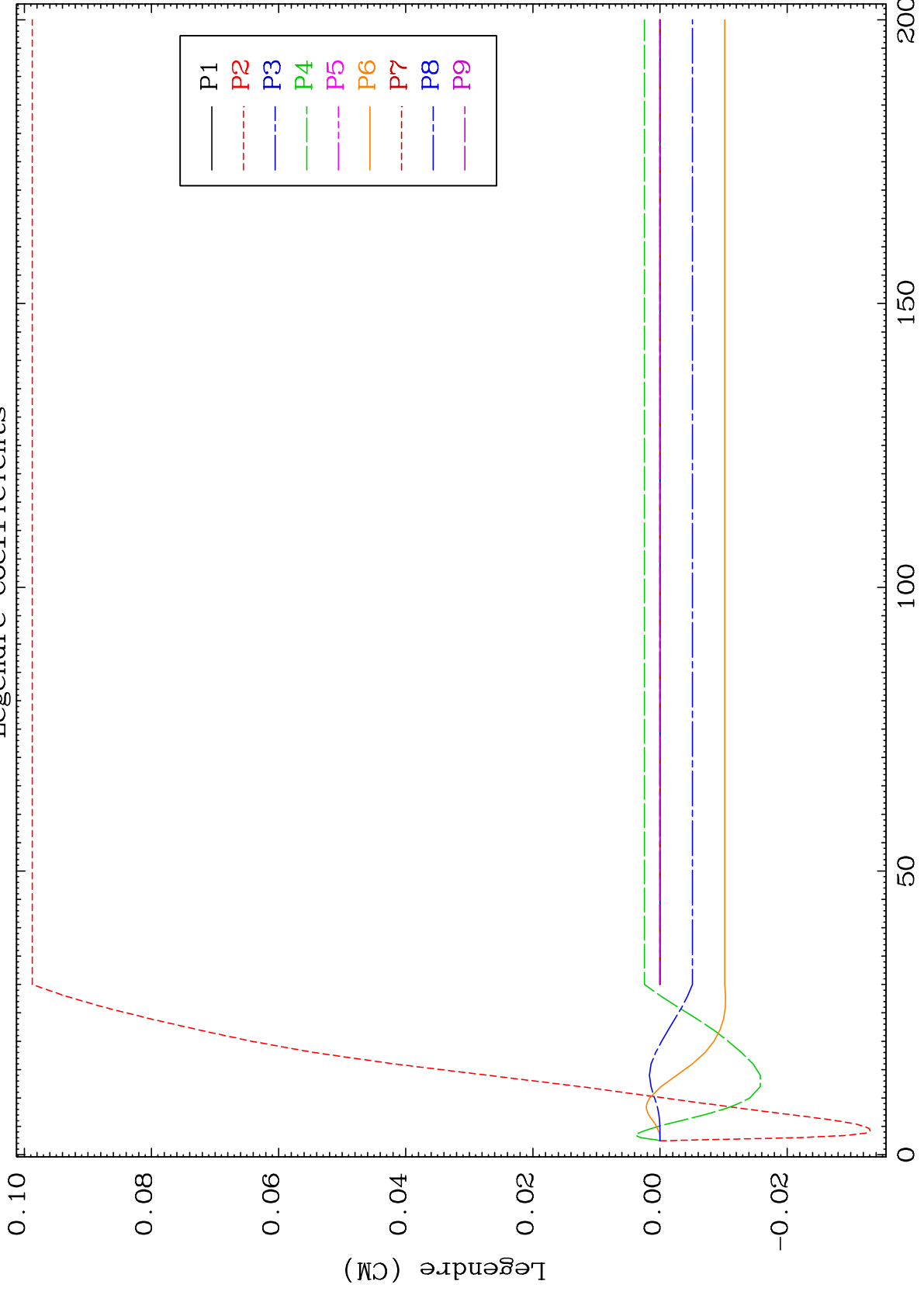


67

Incident Energy (MeV)

62-Sm-142

MAT 6219 MT= 64 (n,n') Level Legendre Coefficients 62-Sm-142

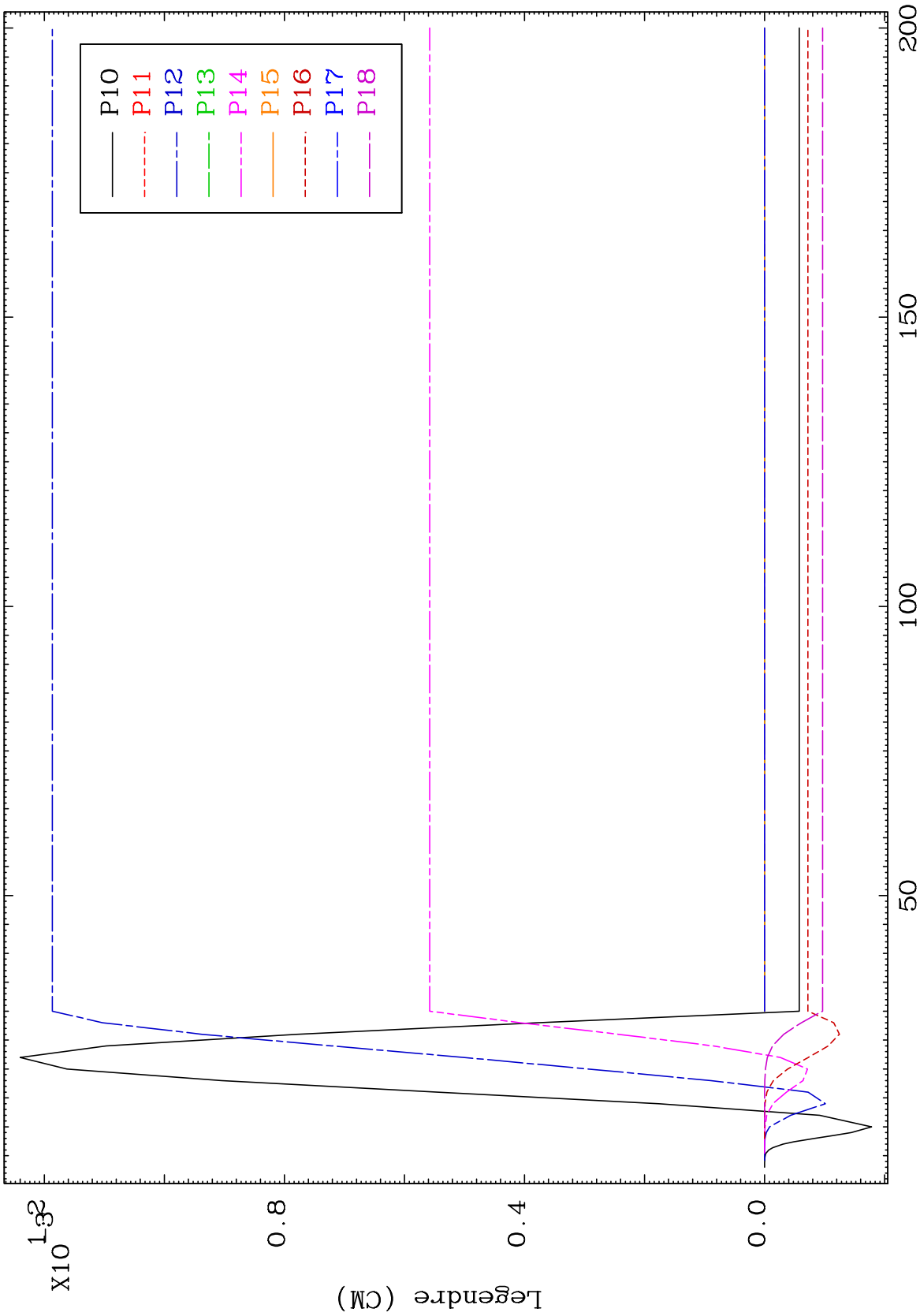


68 62-Sm-142

MAT 6219

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

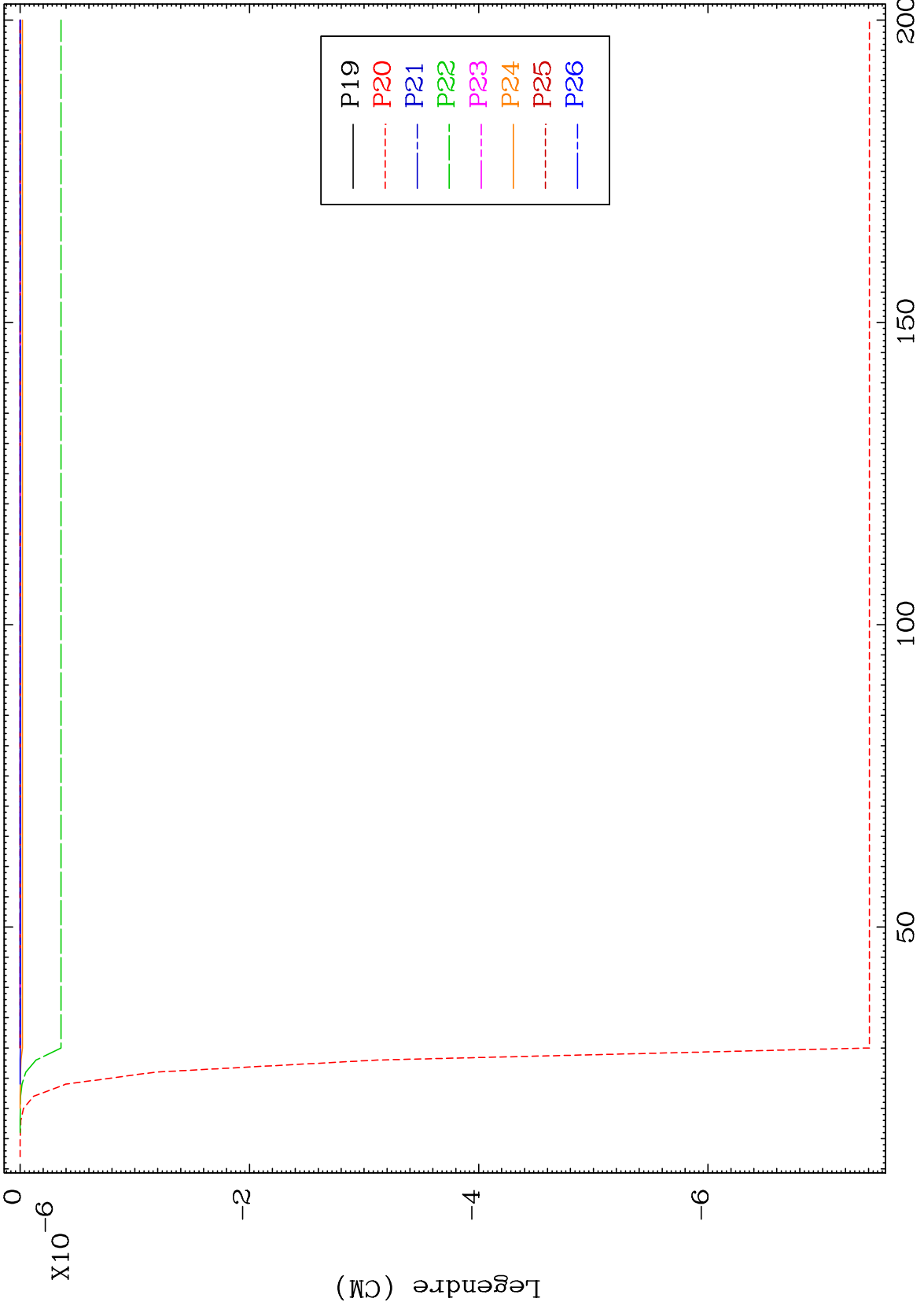
62-Sm-142



69

62-Sm-142

MAT 6219 MT= 64 (n,n') Level Legendre Coefficients 62-Sm-142

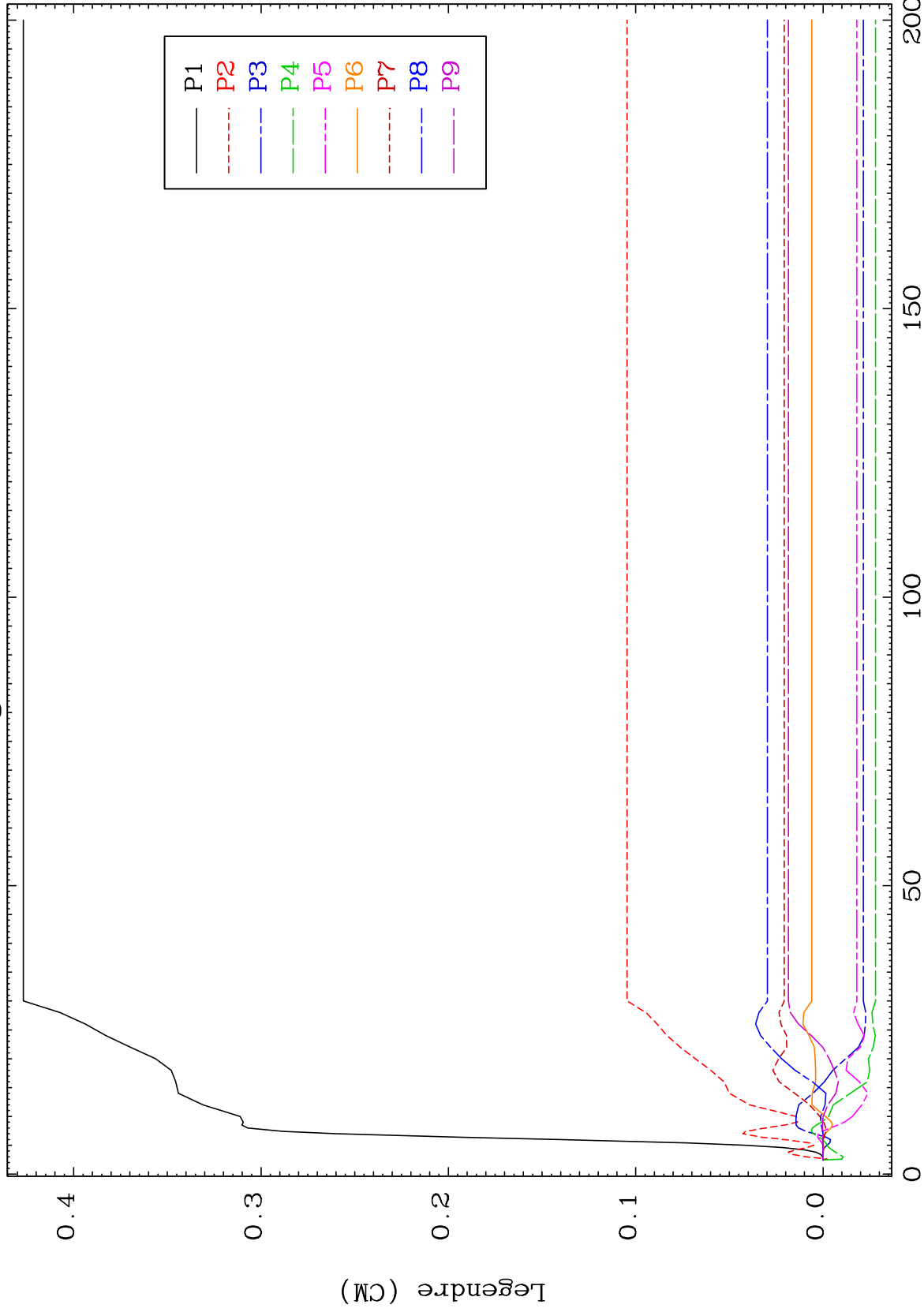


70 Incident Energy (MeV) 150 200 62-Sm-142

MAT 6219

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

62-Sm-142



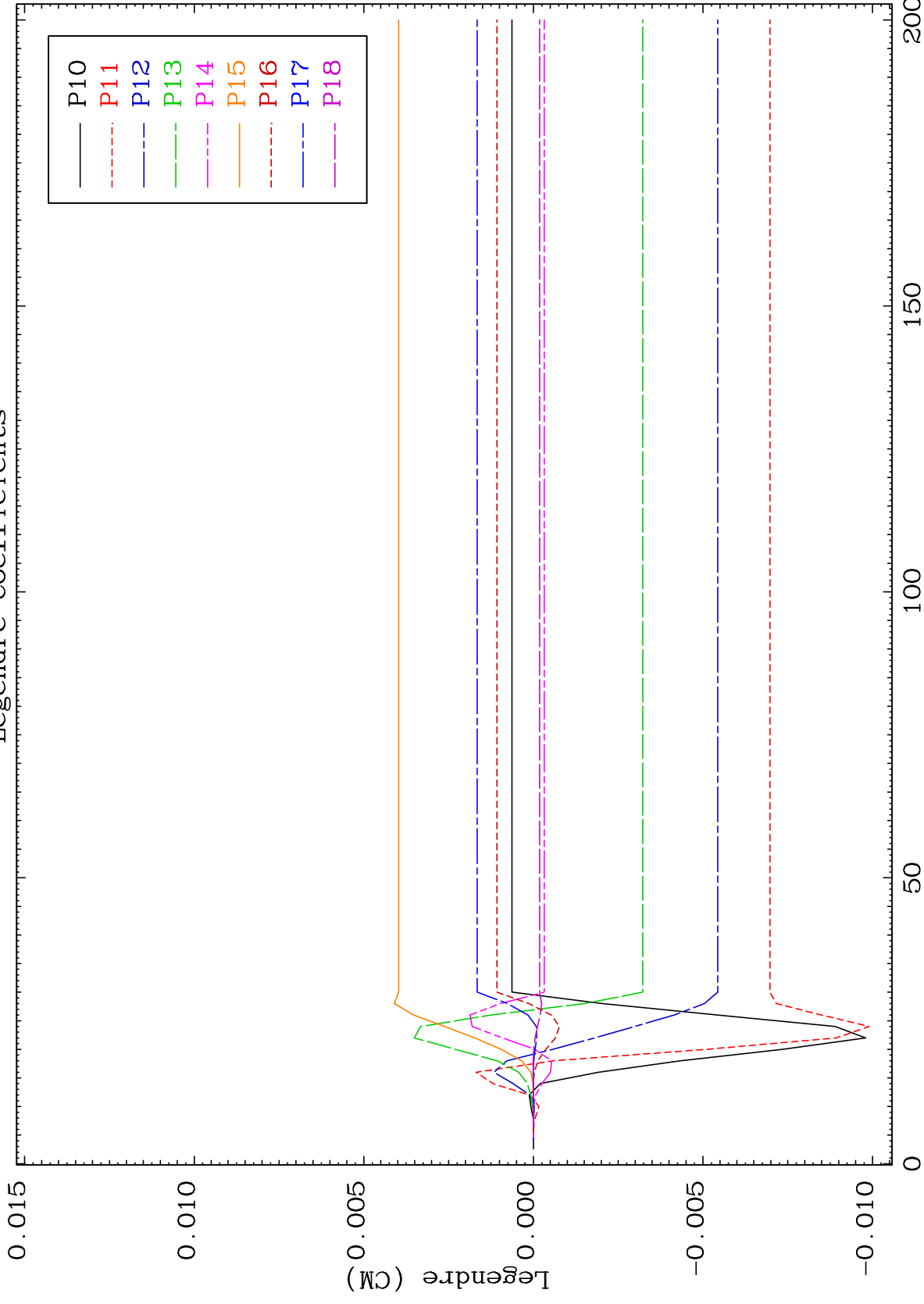
71

Incident Energy (MeV)

62-Sm-142

MAT 6219 MT= 65 (n,n') Level Legendre Coefficients

62-Sm-142



62-Sm-142

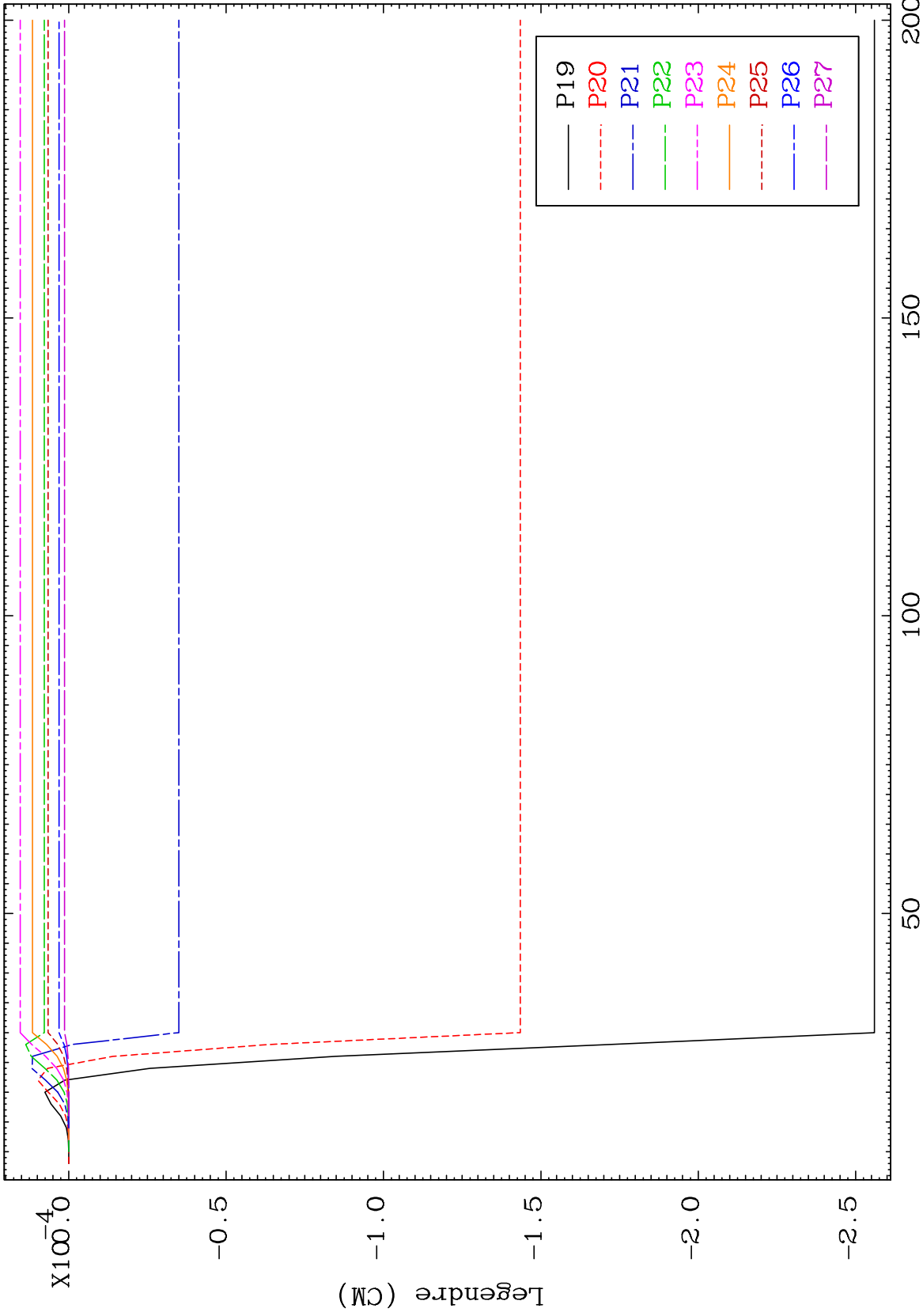
Incident Energy (MeV)

72

MAT 6219

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

62-Sm-142



73

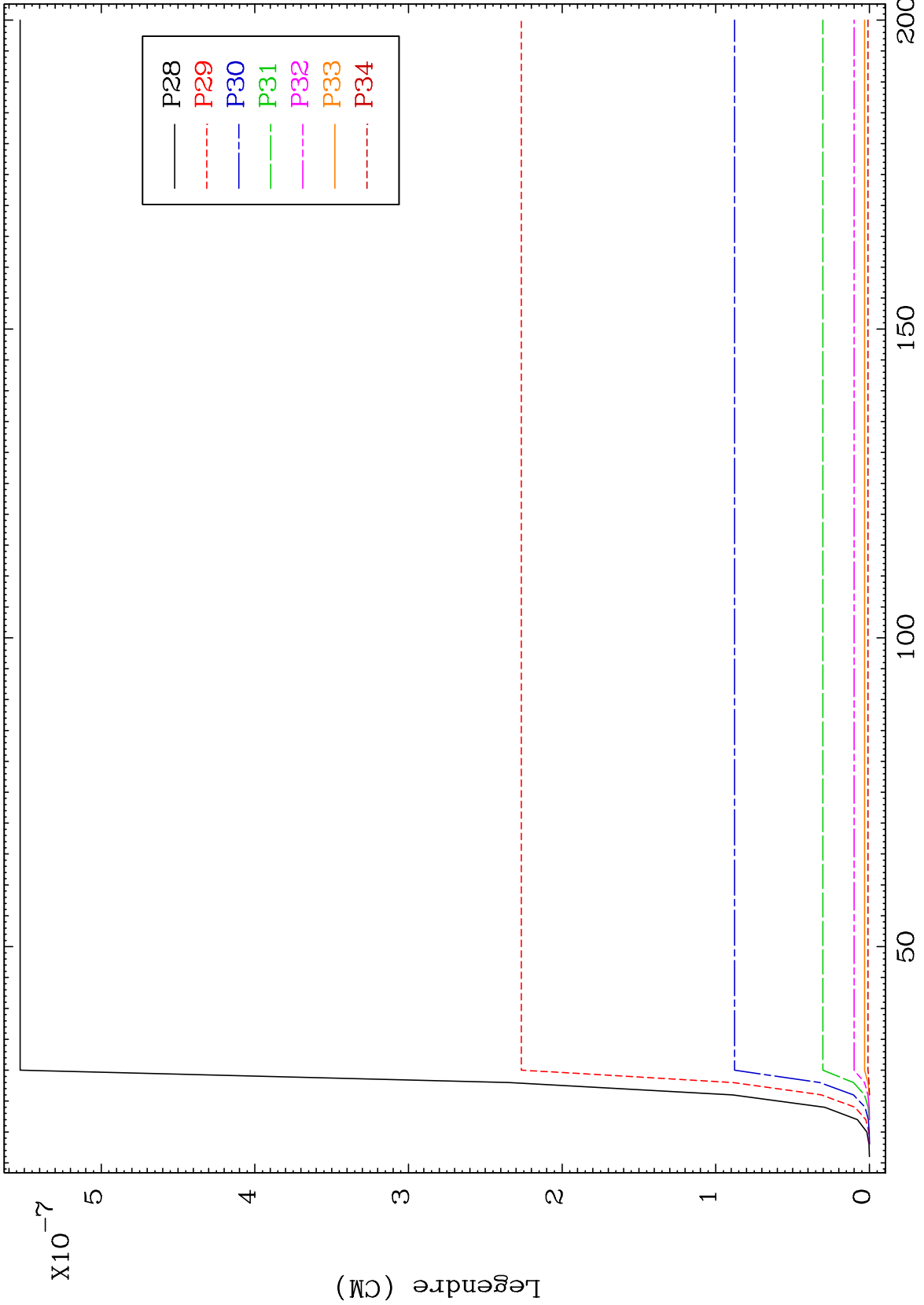
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142

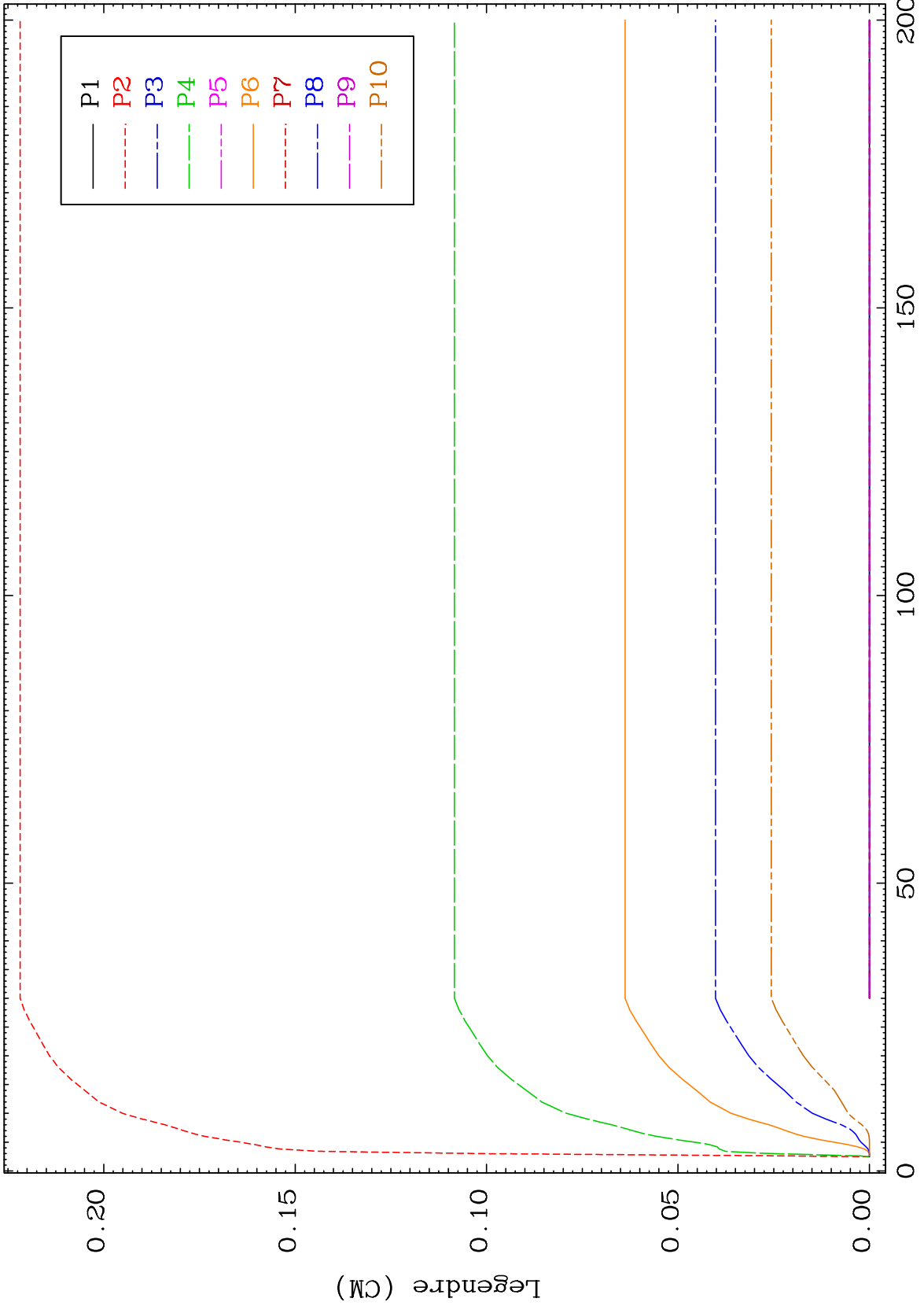


74

Incident Energy (MeV)

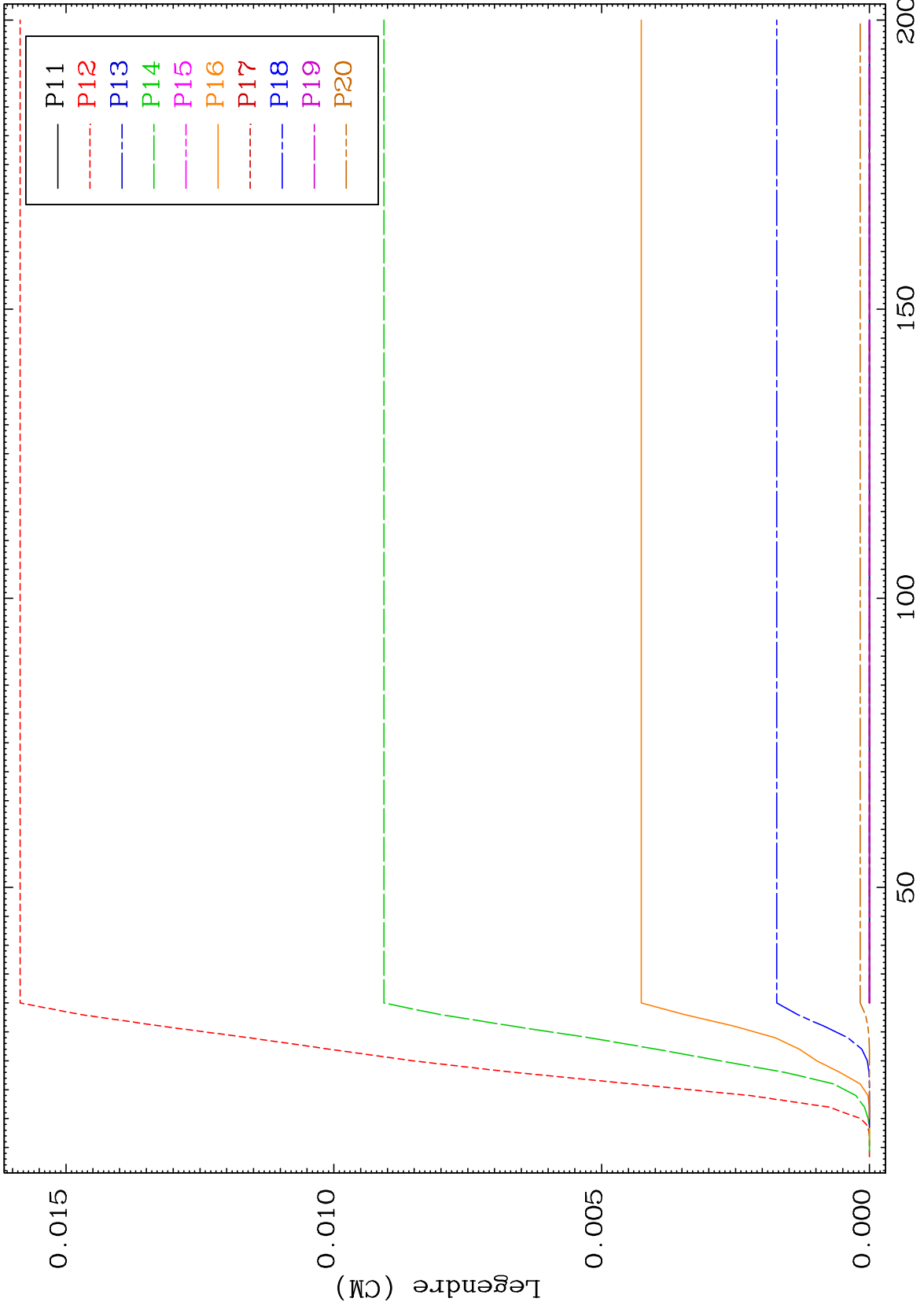
62-Sm-142

MAT 6219 MT= 66 (n,n') Level Legendre Coefficients 62-Sm-142



75 100 150 200 62-Sm-142

MAT 6219 MT= 66 (n,n') Level Legendre Coefficients 62-Sm-142

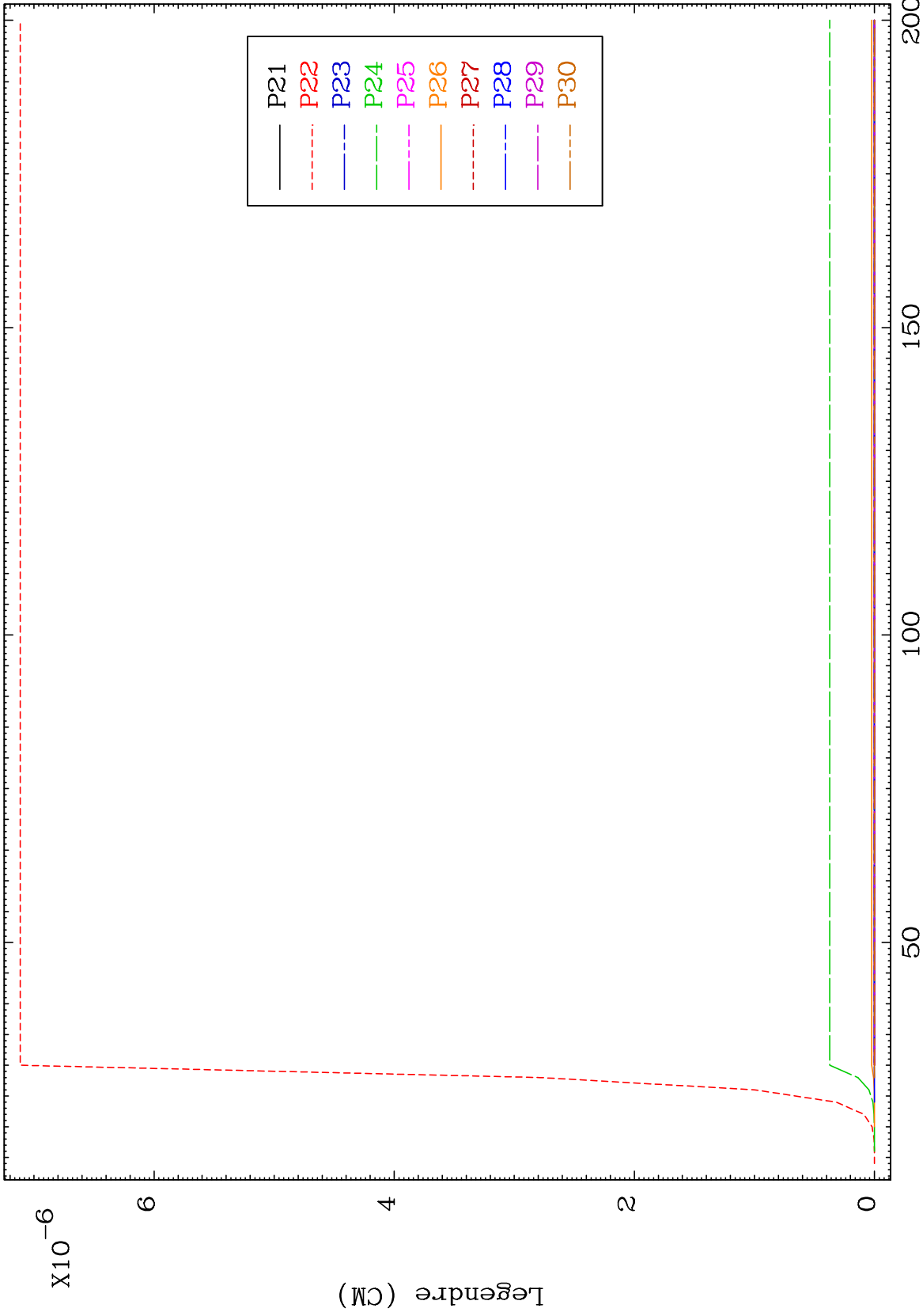


76 Incident Energy (MeV) 62-Sm-142

MAT 6219

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

62-Sm-142



77

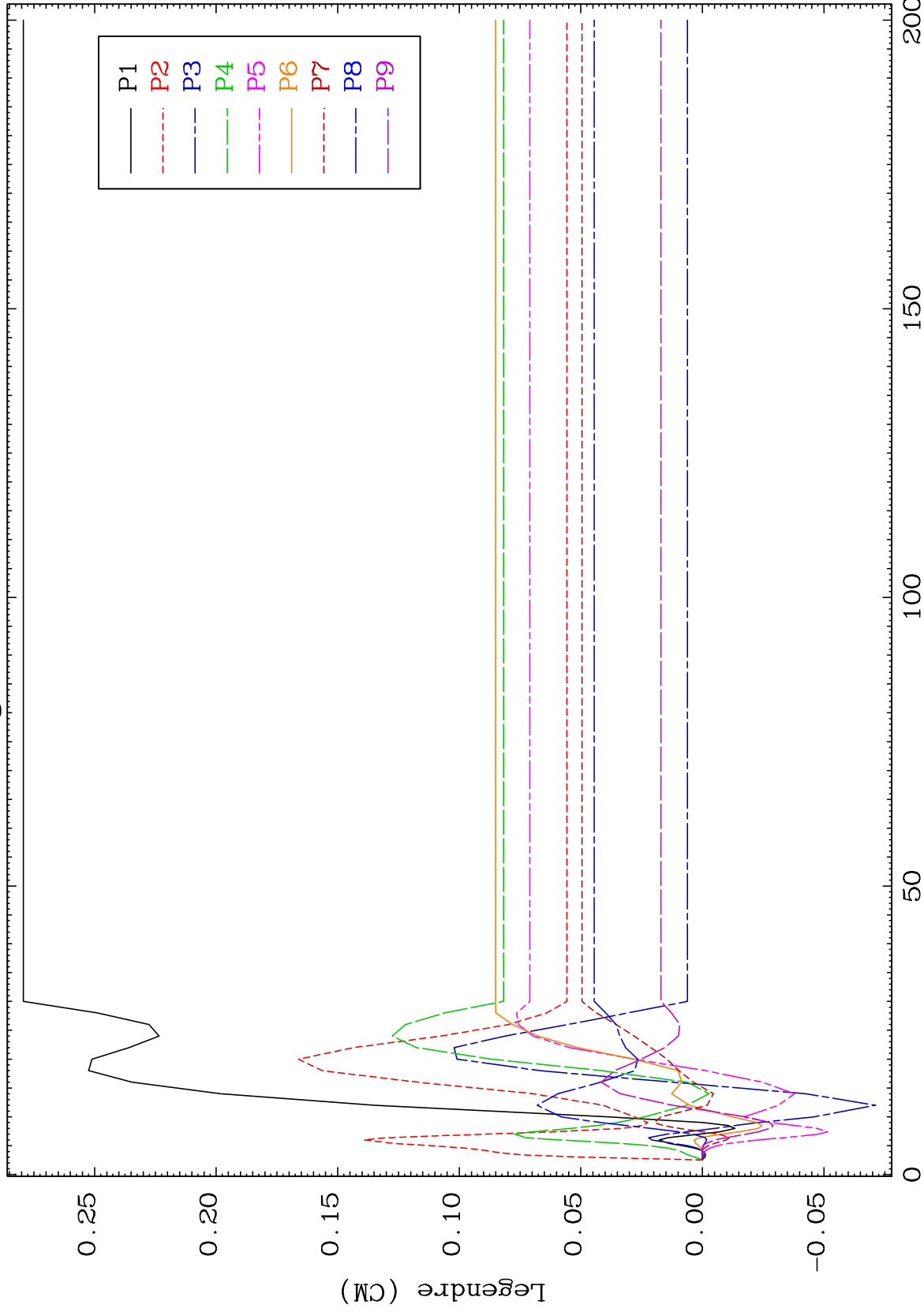
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



78

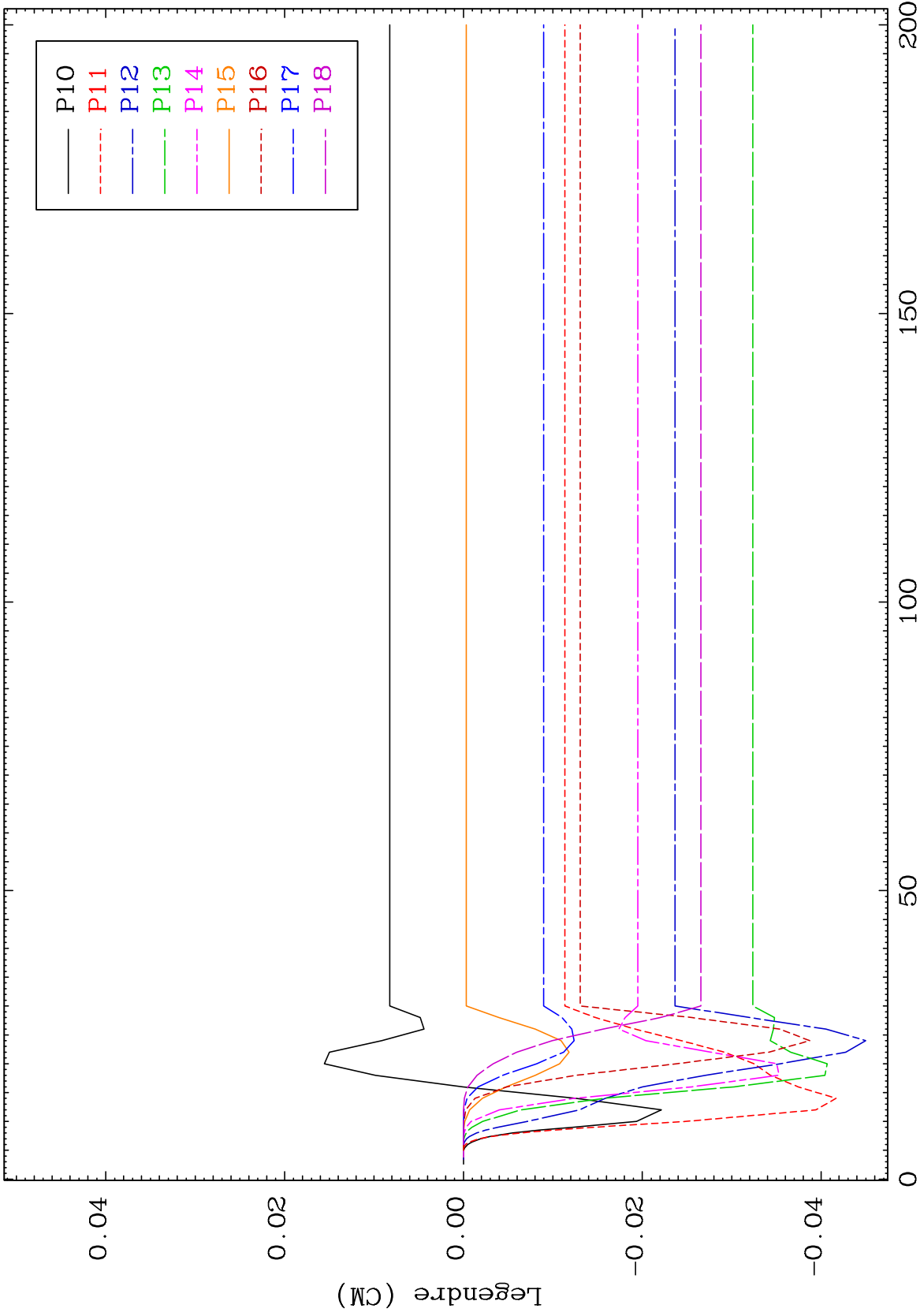
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142

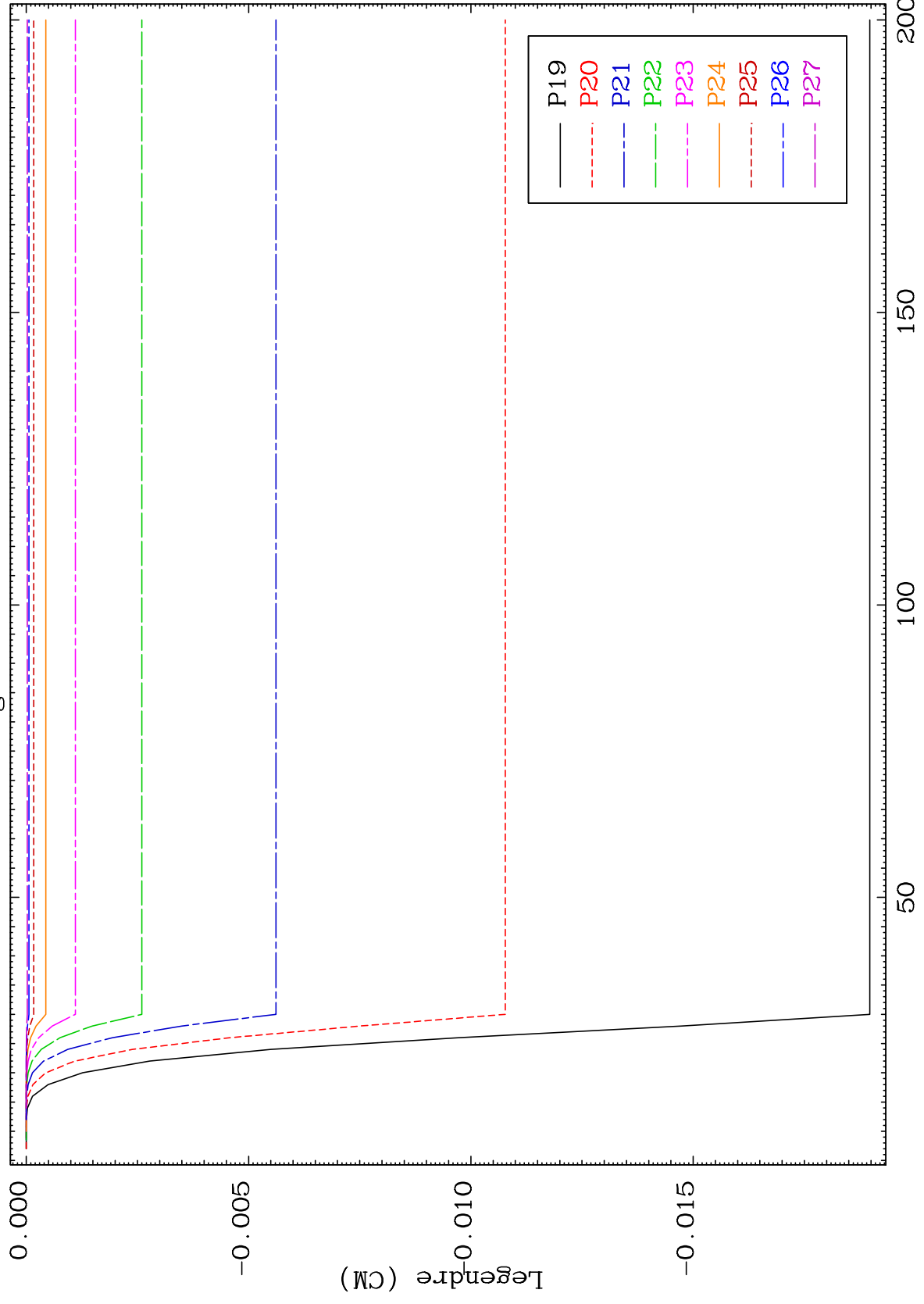


79

Incident Energy (MeV)

62-Sm-142

MAT 6219 MT= 67 (n,n') Level Legendre Coefficients 62-Sm-142

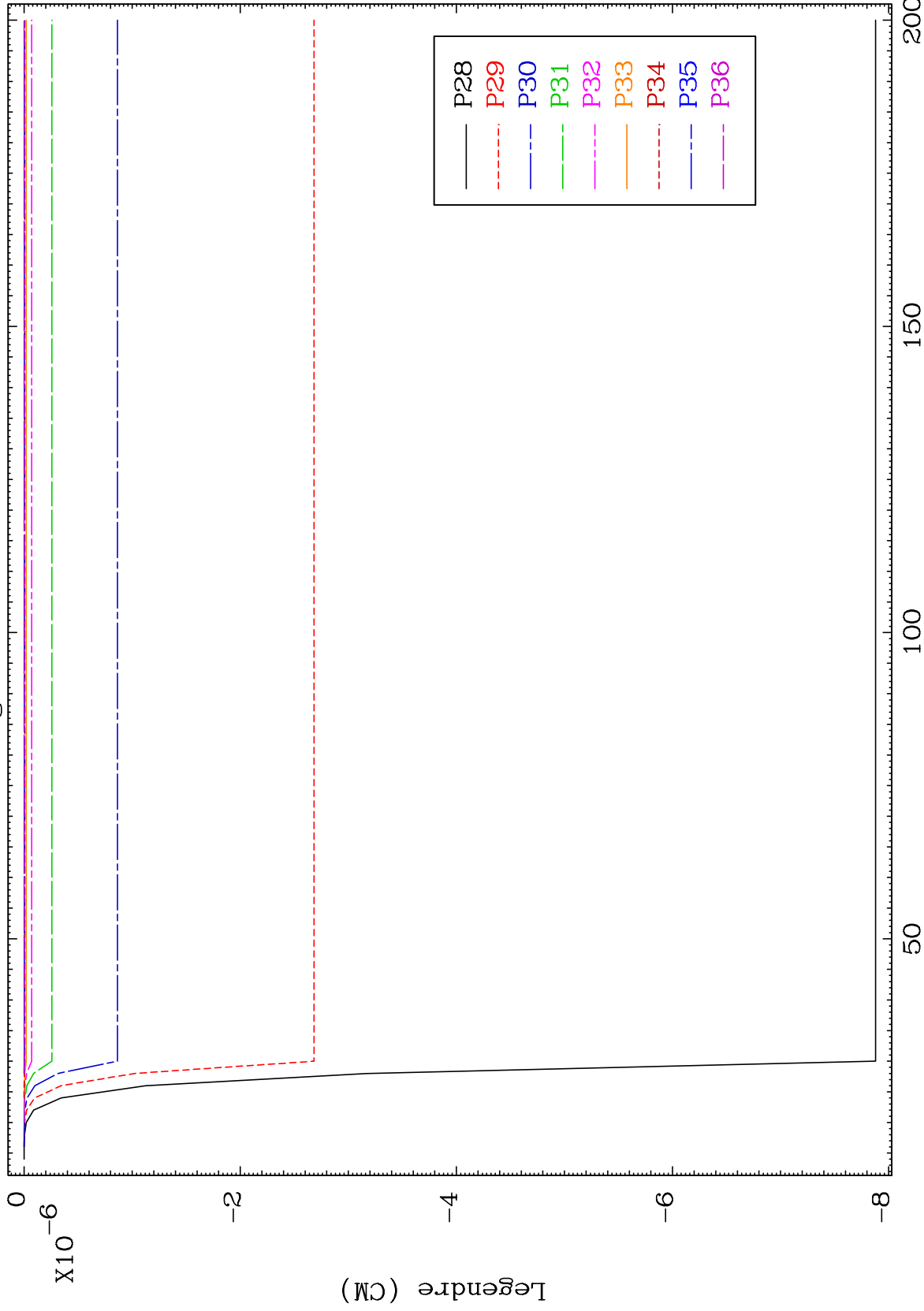


80 Incident Energy (MeV) 62-Sm-142

MAT 6219

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

62-Sm-142

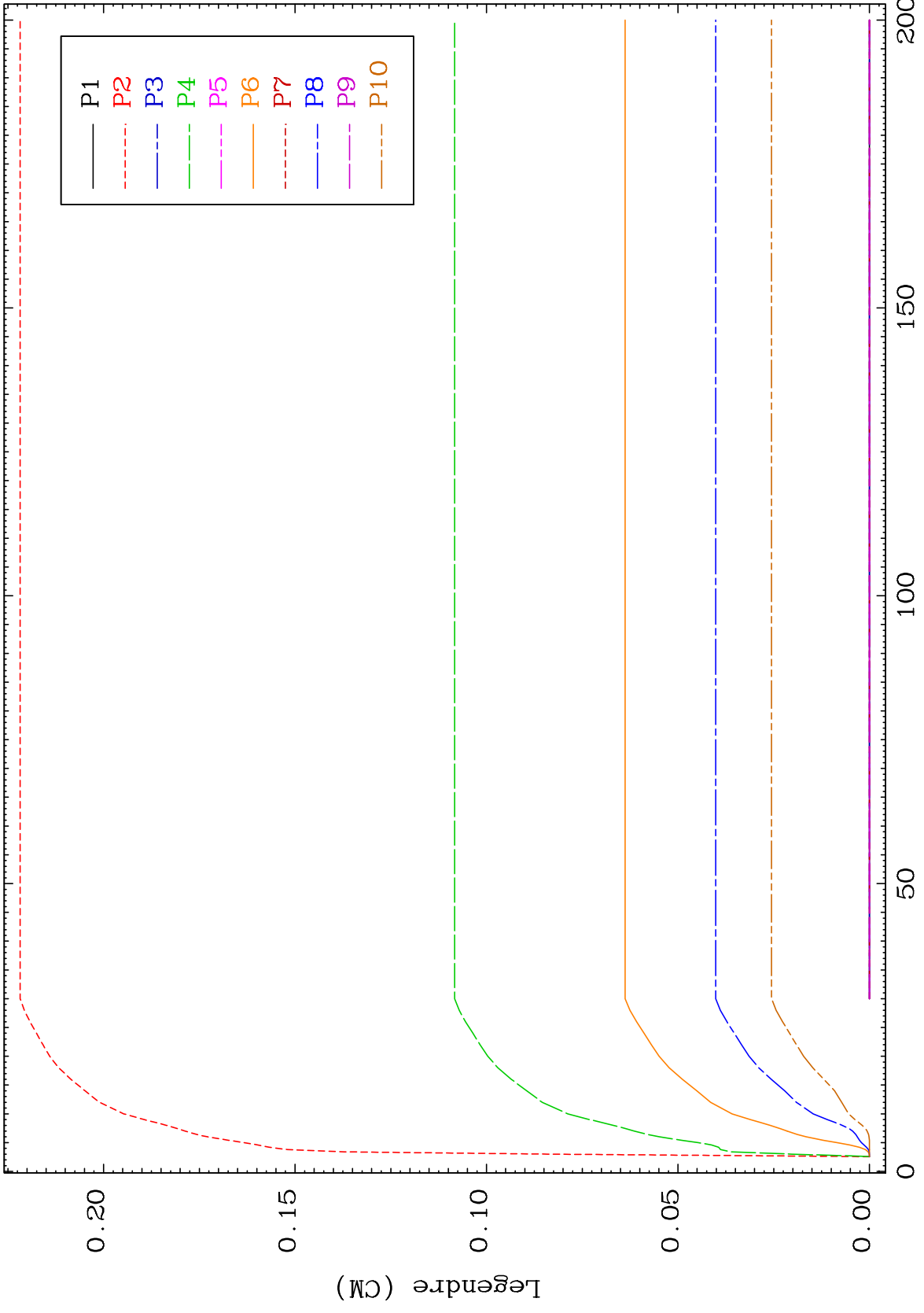


81

Incident Energy (MeV)

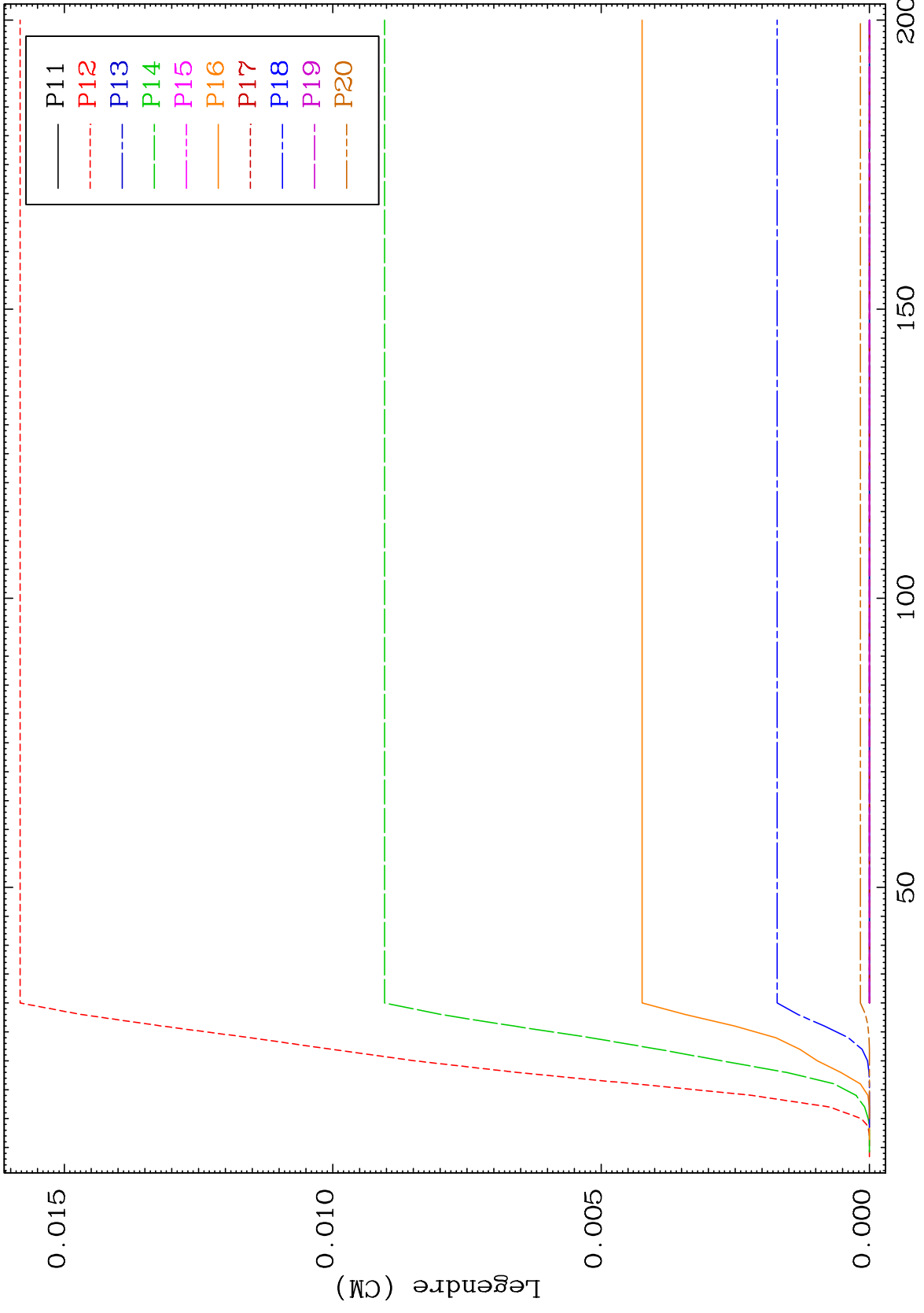
62-Sm-142

MAT 6219 MT= 68 (n,n') Level Legendre Coefficients 62-Sm-142



82 62-Sm-142

MAT 6219 MT= 68 (n,n') Level Legendre Coefficients 62-Sm-142

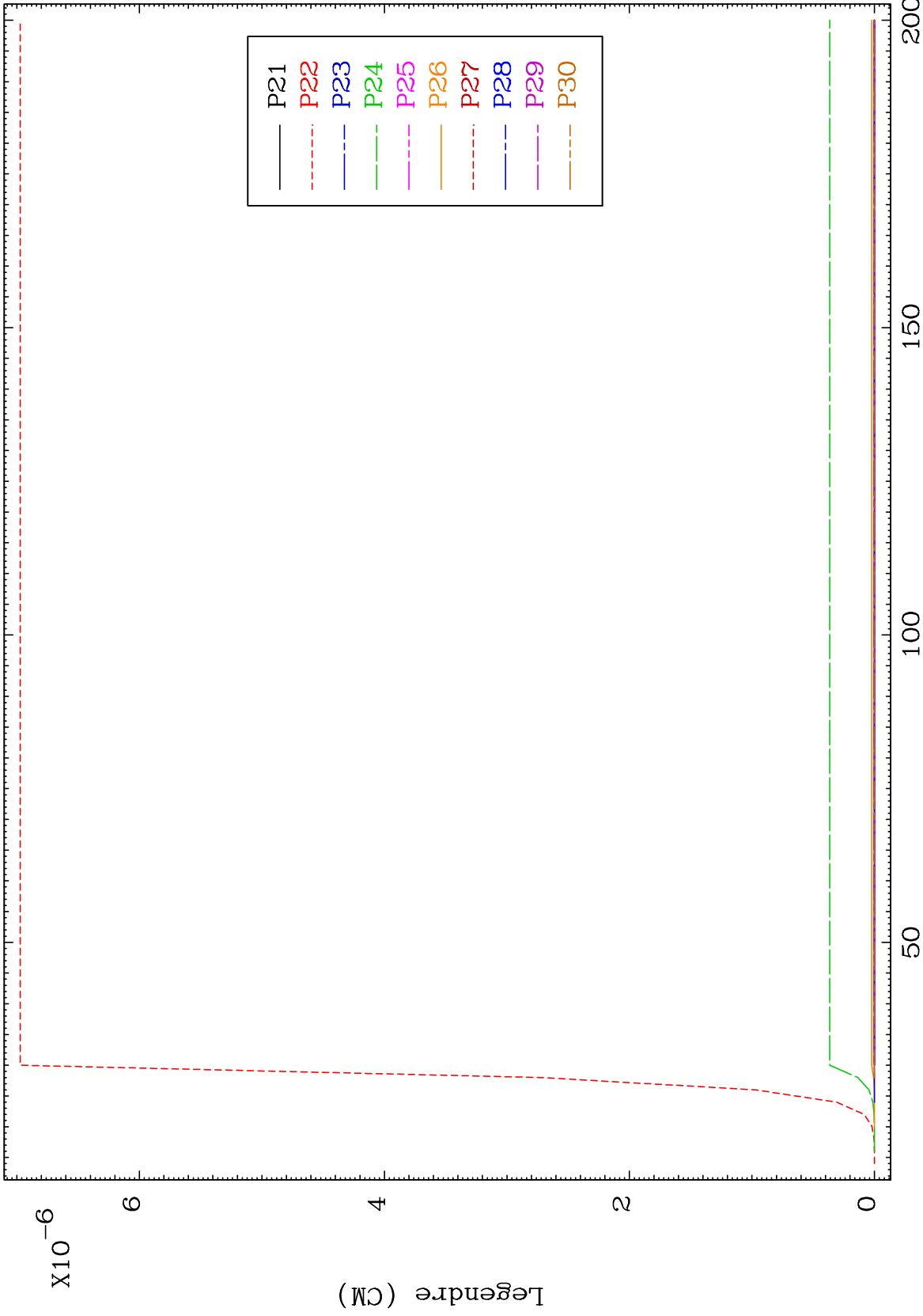


83 62-Sm-142

MAT 6219

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

62-Sm-142



84

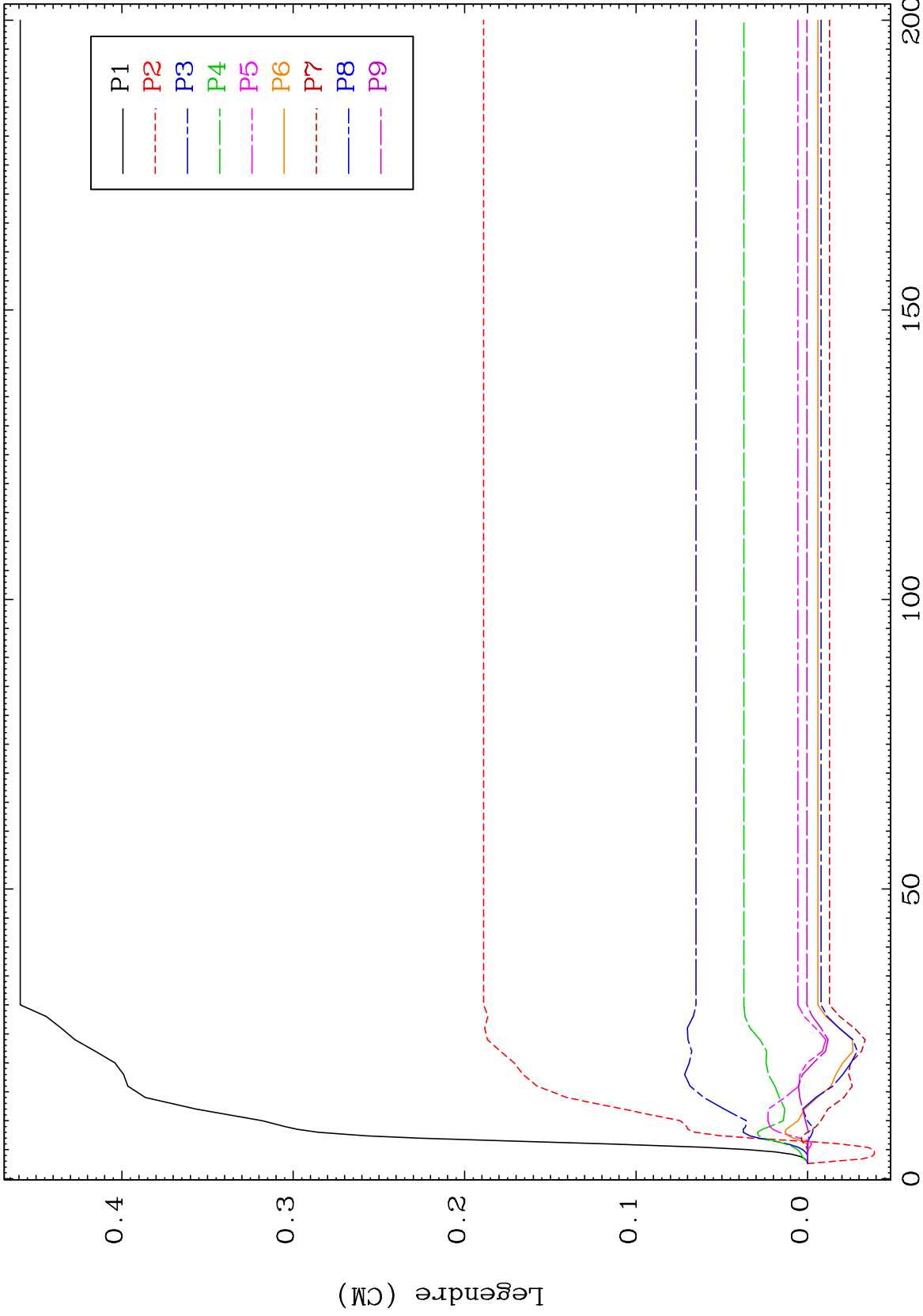
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



85

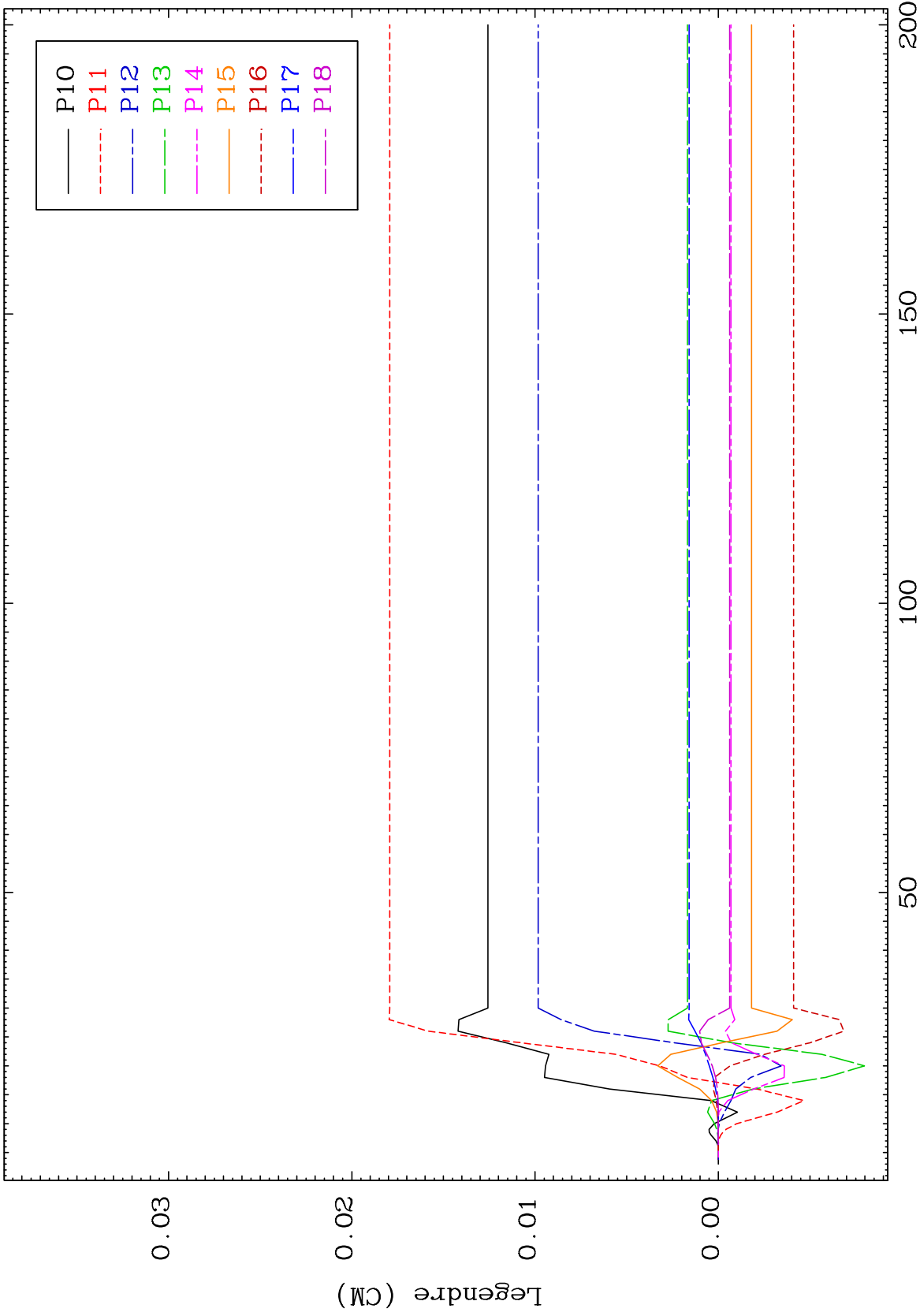
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



86

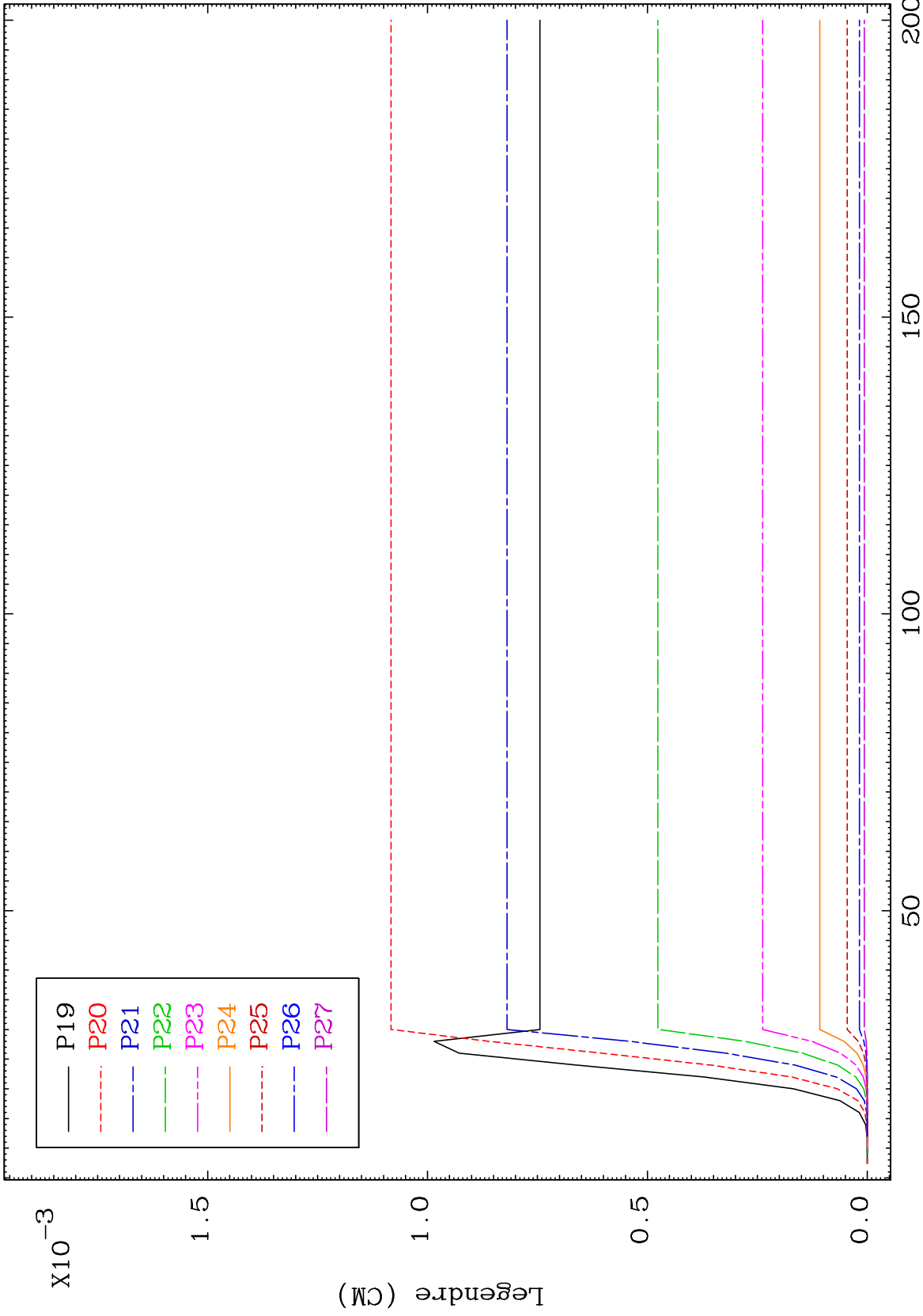
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



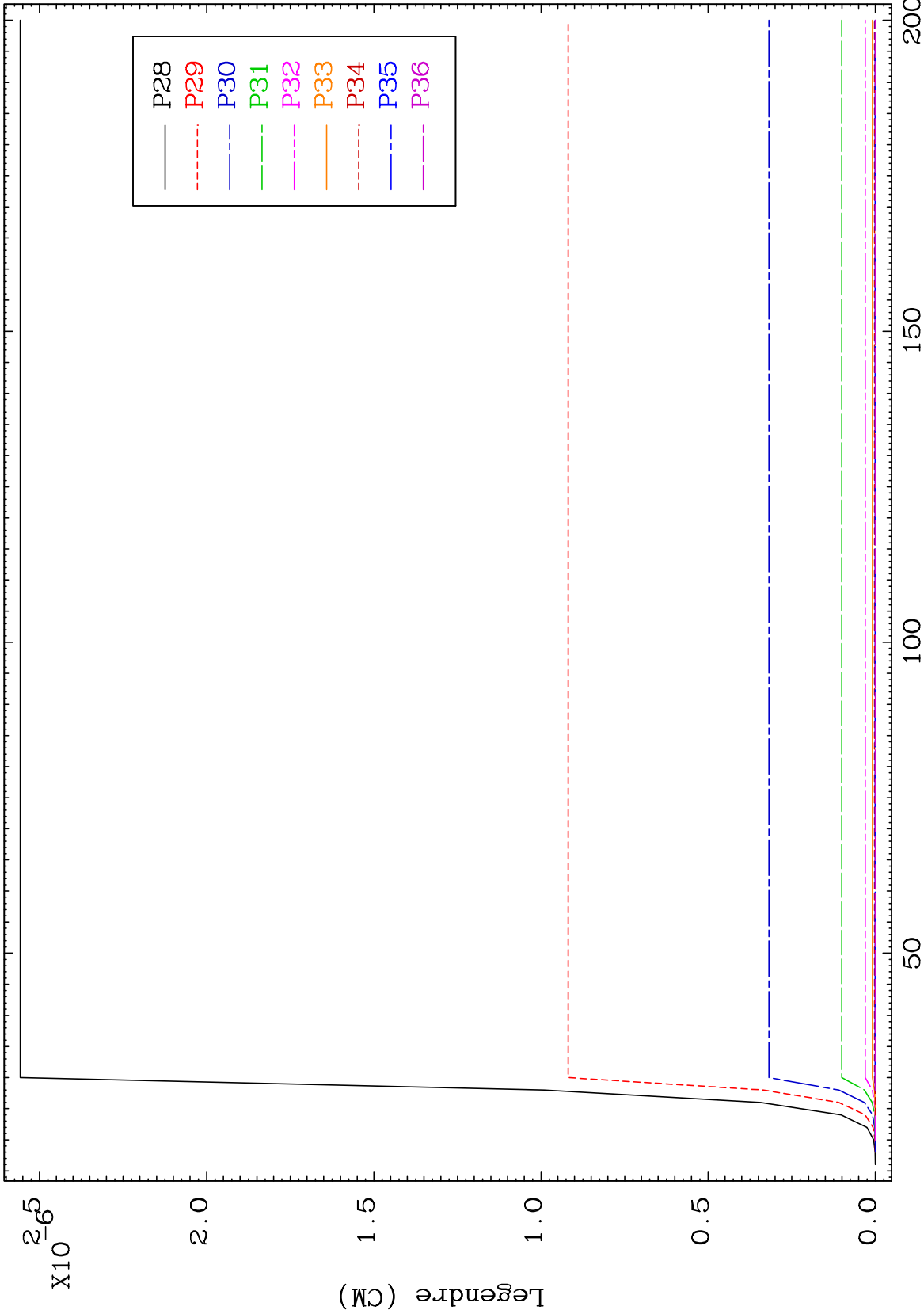
87

62-Sm-142

MAT 6219

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

62-Sm-142



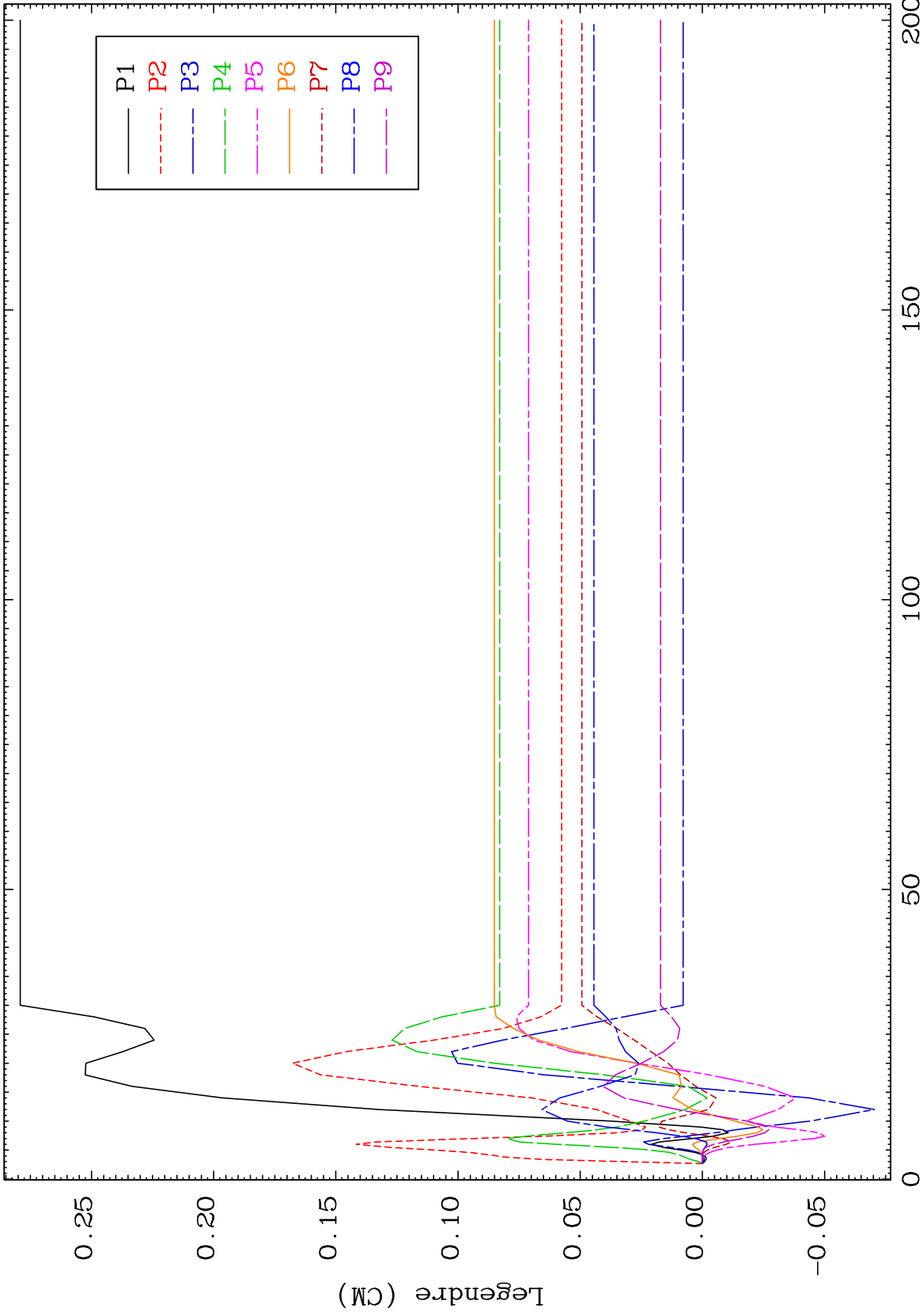
88

62-Sm-142

MAT 6219

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

62-Sm-142



89

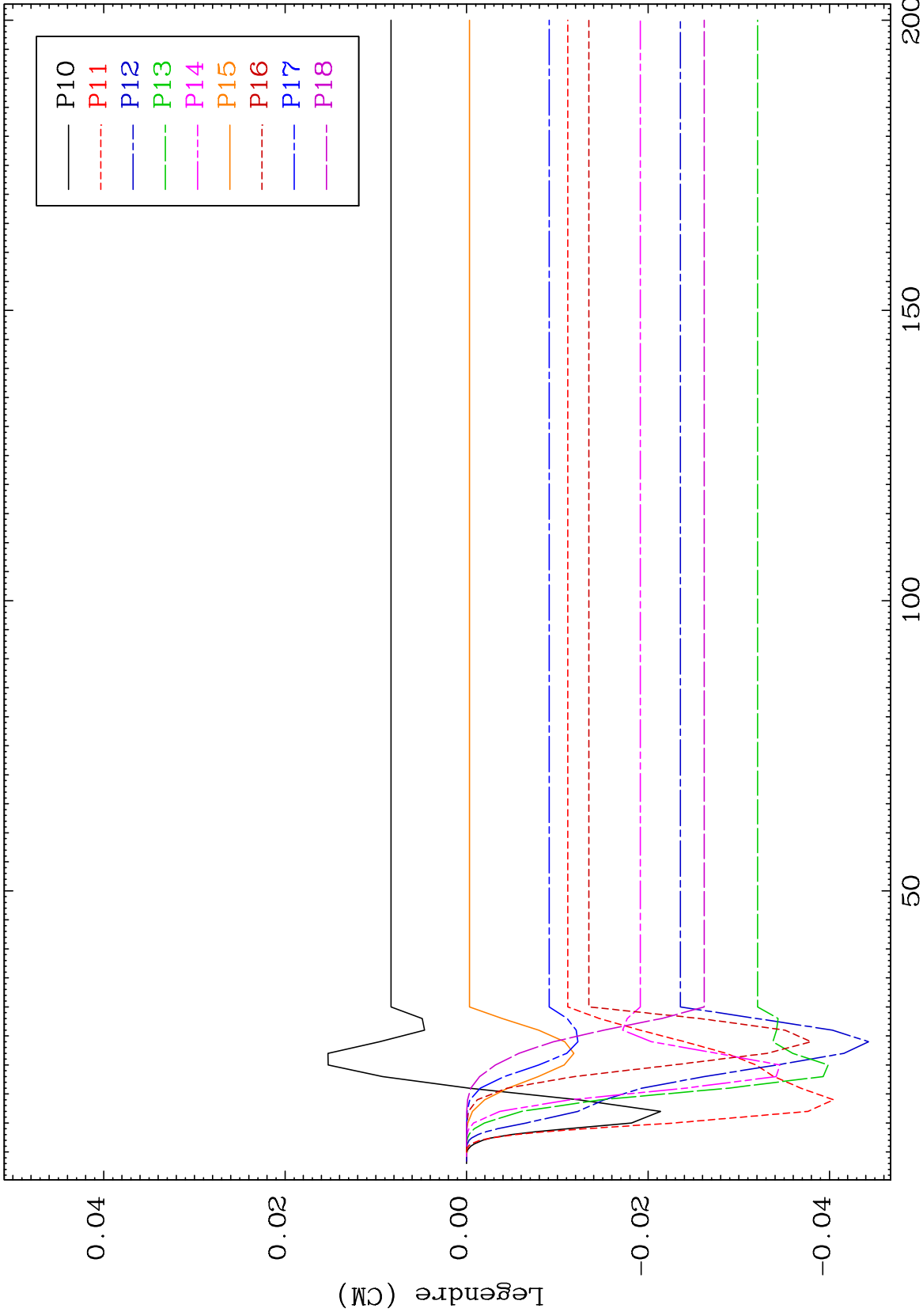
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142

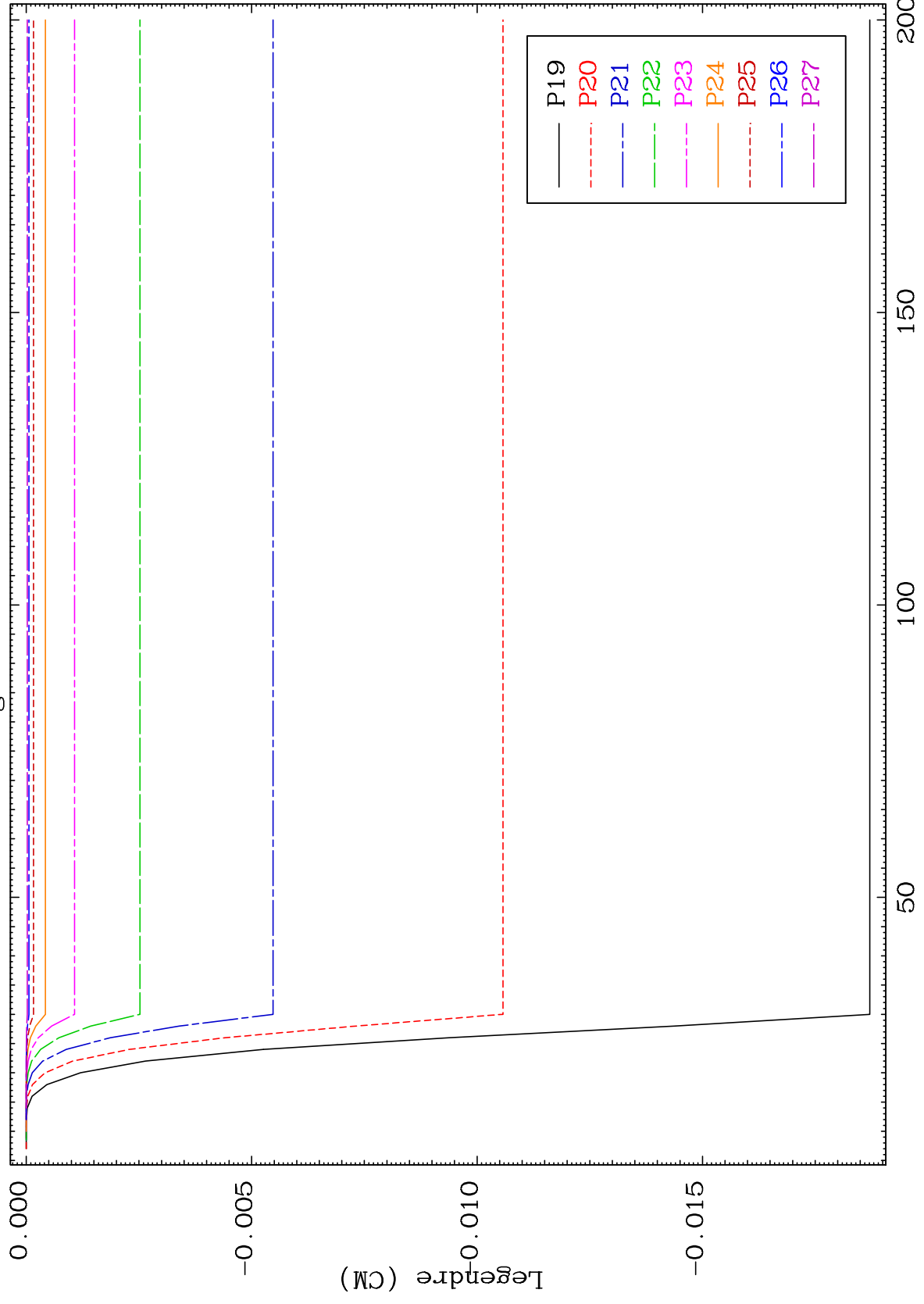


90

Incident Energy (MeV)

62-Sm-142

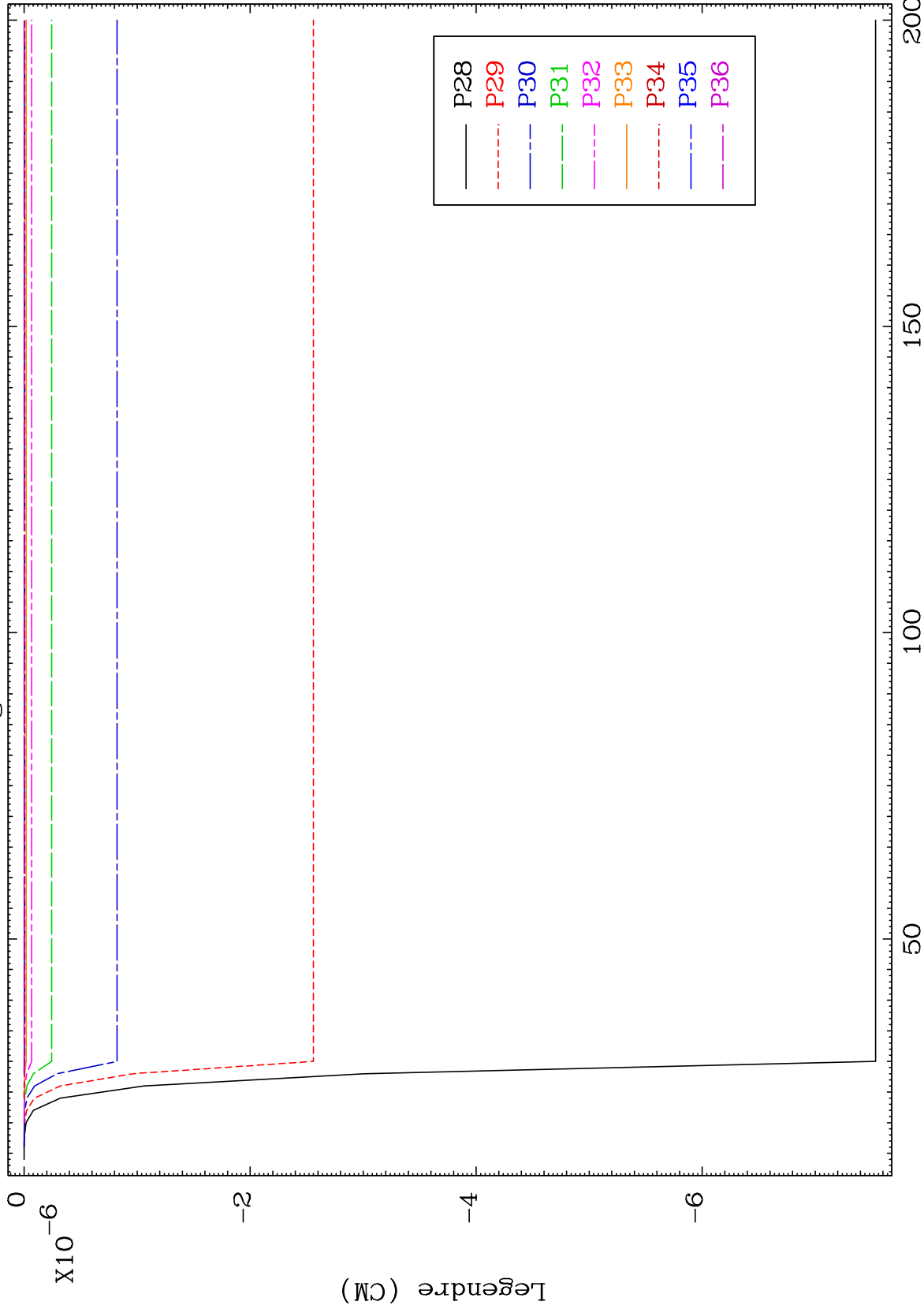
MAT 6219 MT= 70 (n,n') Level Legendre Coefficients 62-Sm-142



MAT 6219

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

62-Sm-142

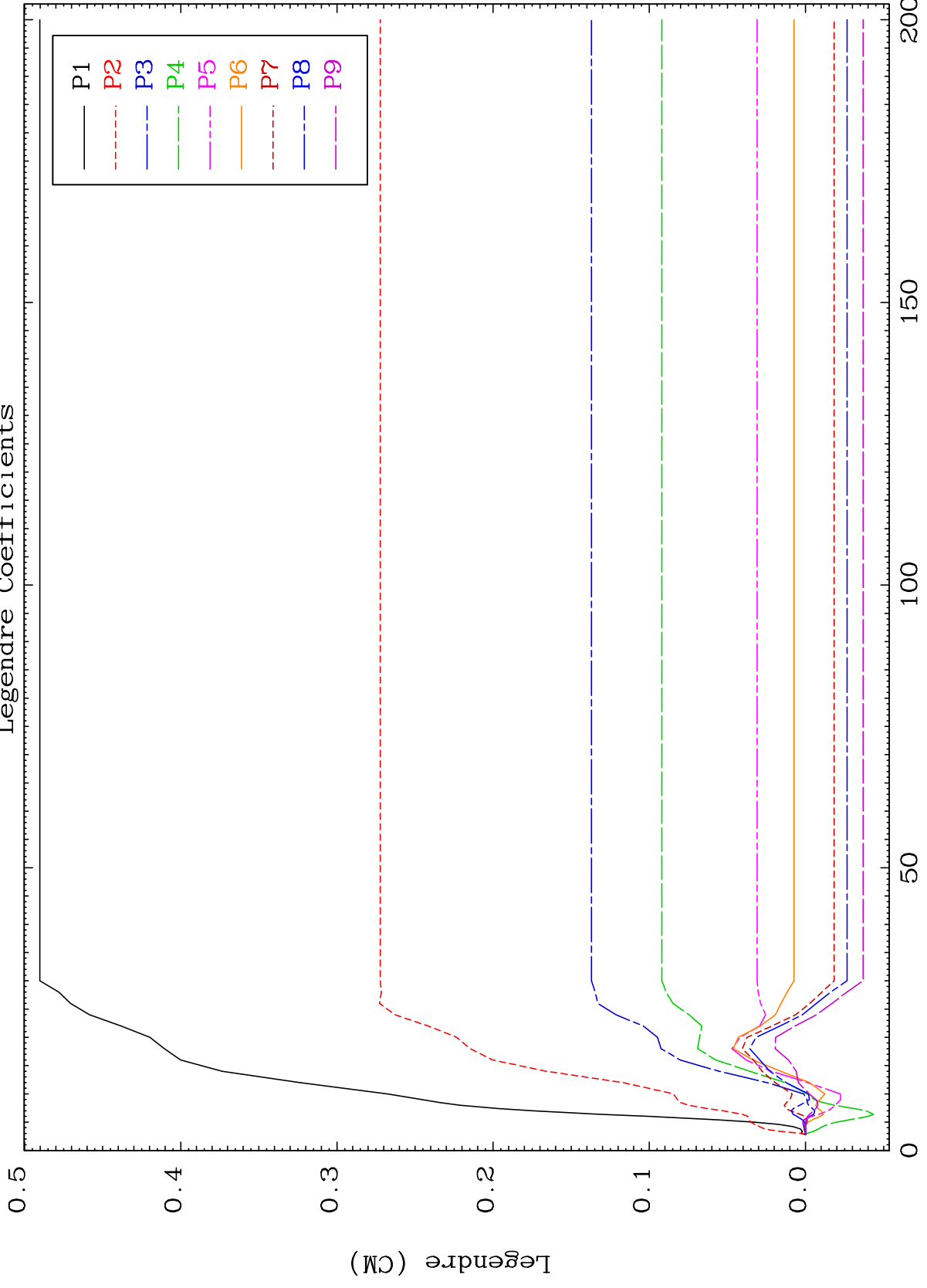


62-Sm-142

Incident Energy (MeV)

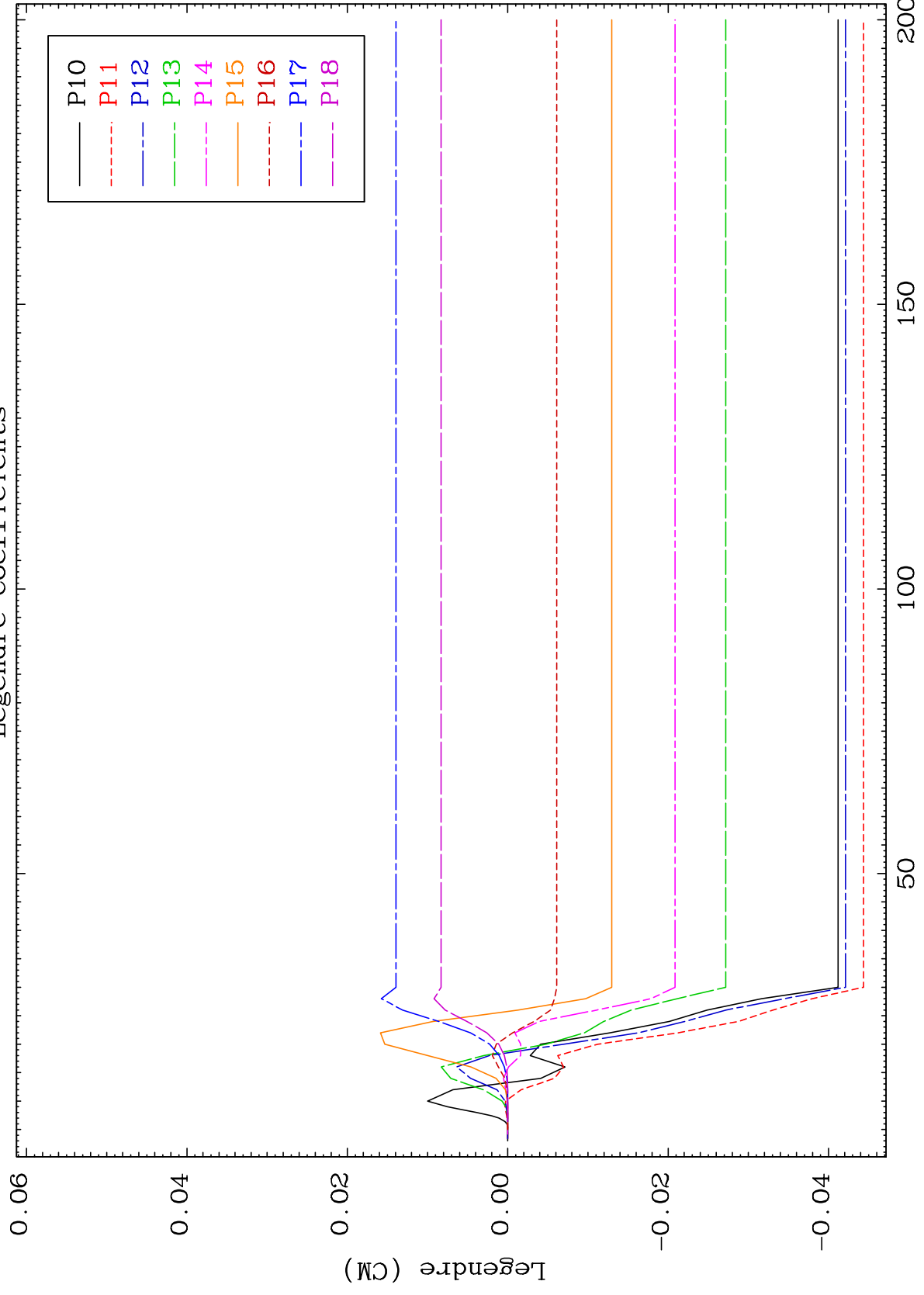
92

MAT 6219 MT= 71 (n,n') Level Legendre Coefficients 62-Sm-142



93 62-Sm-142

MAT 6219 MT= 71 (n,n') Level Legendre Coefficients 62-Sm-142

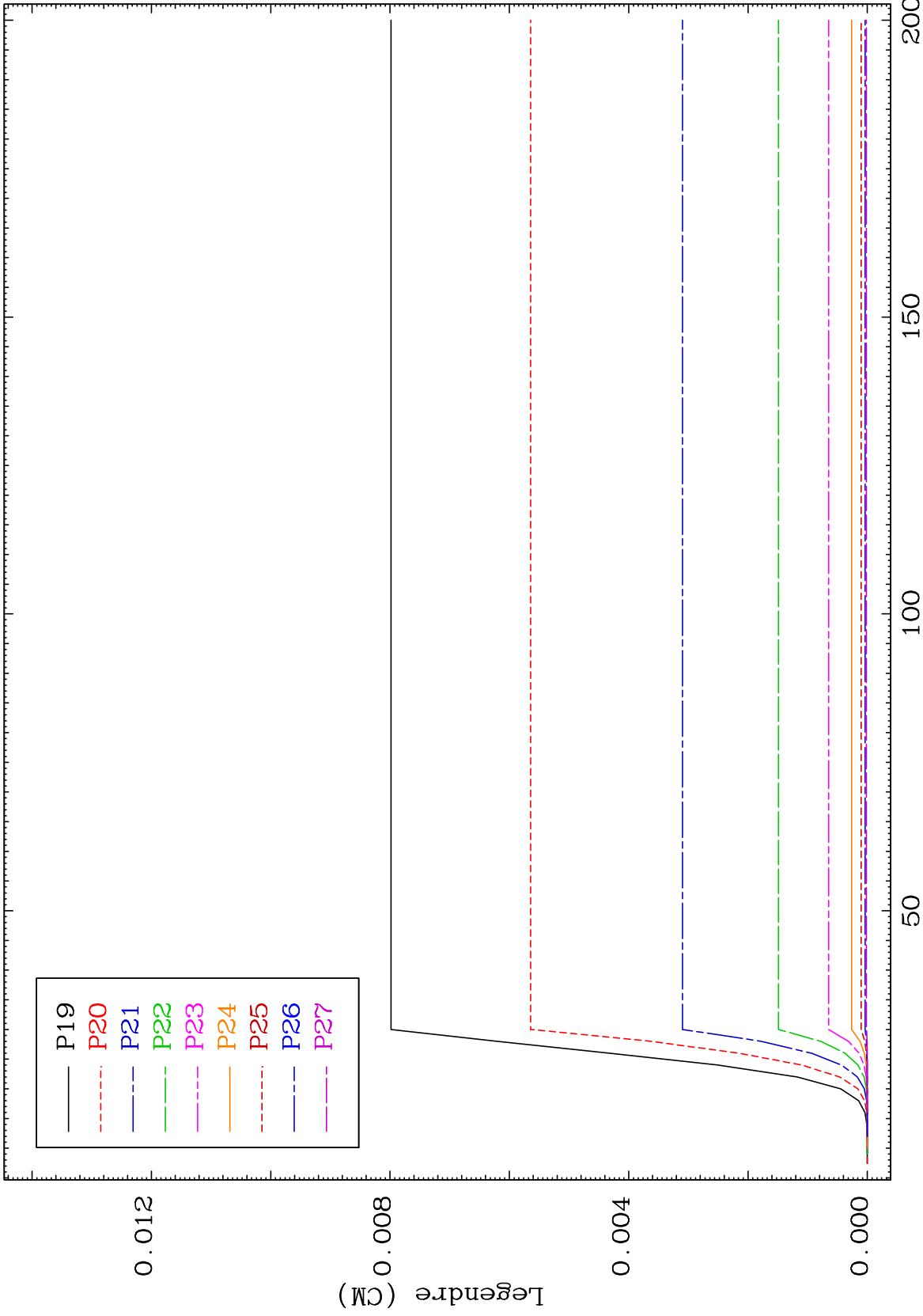


94 62-Sm-142

MAT 6219

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

62-Sm-142



95

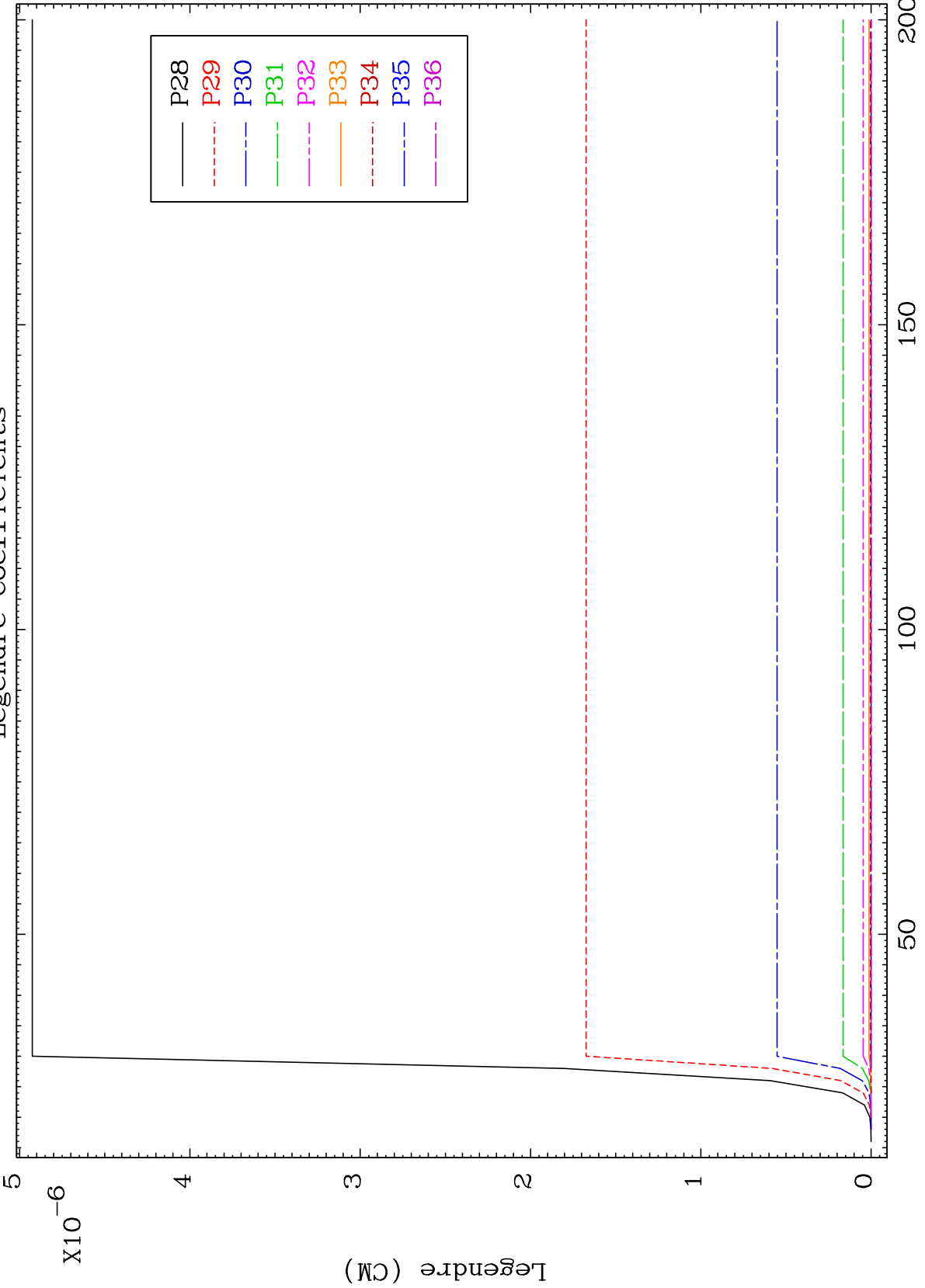
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



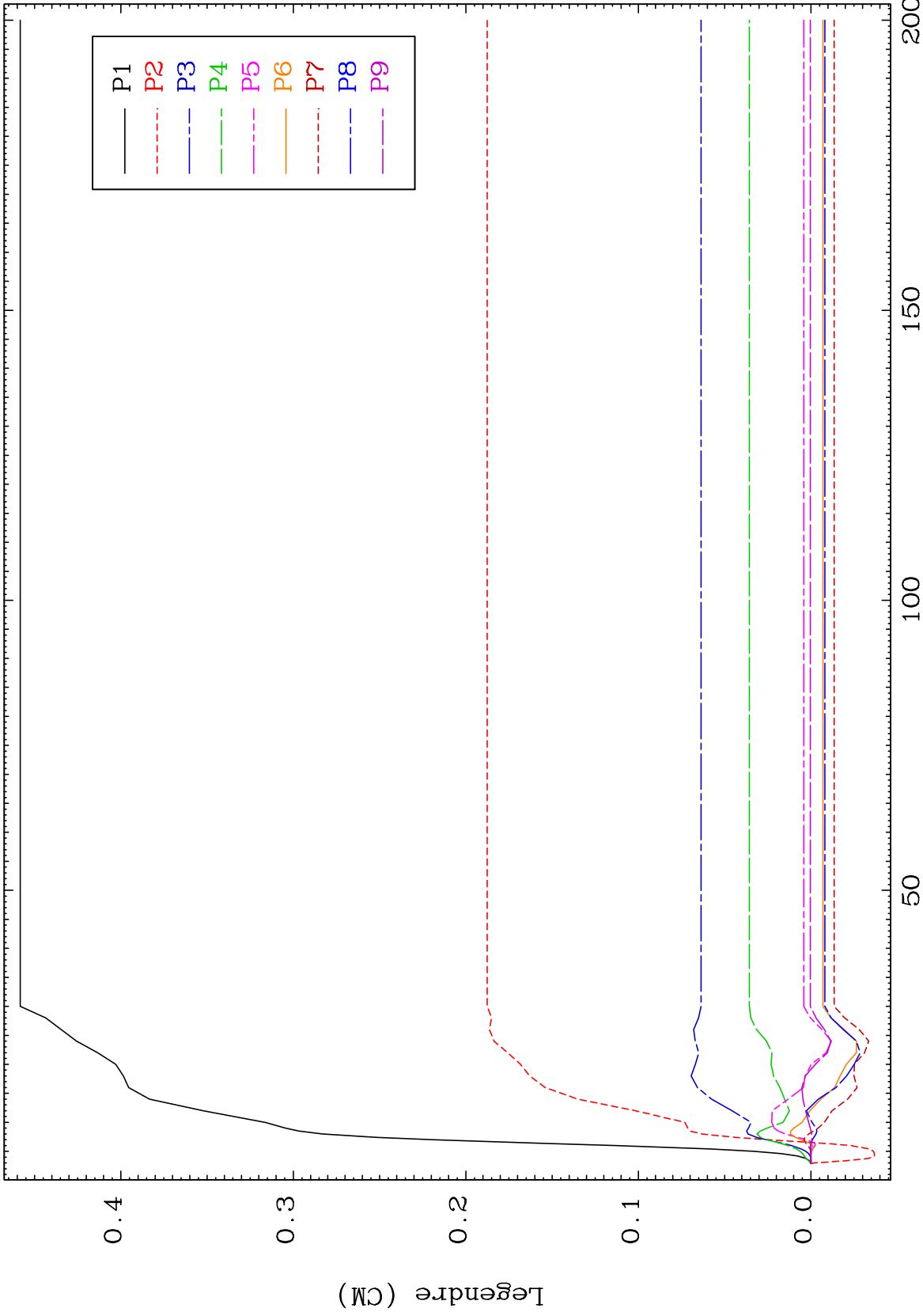
96

62-Sm-142

MAT 6219

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

62-Sm-142



97

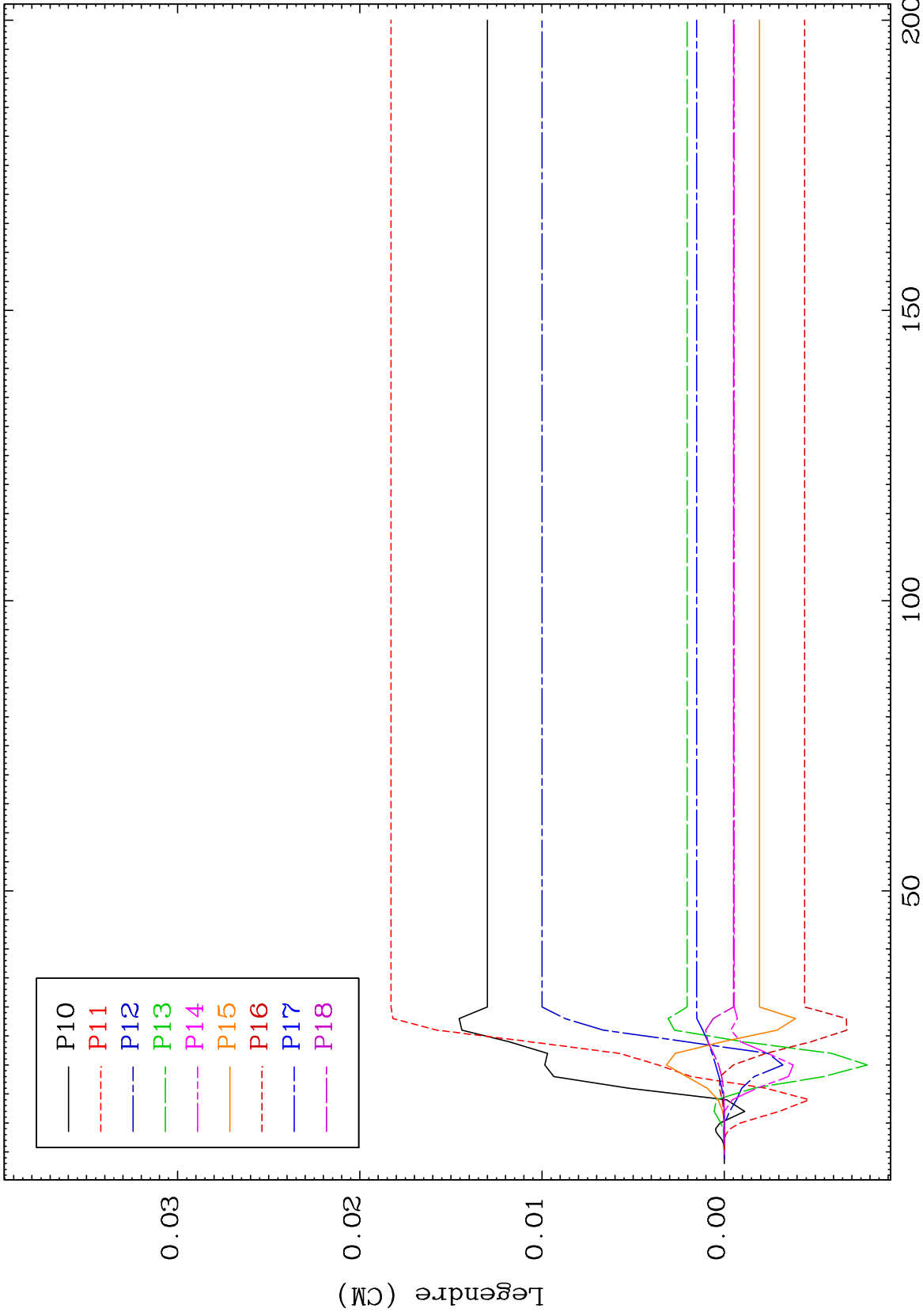
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



98

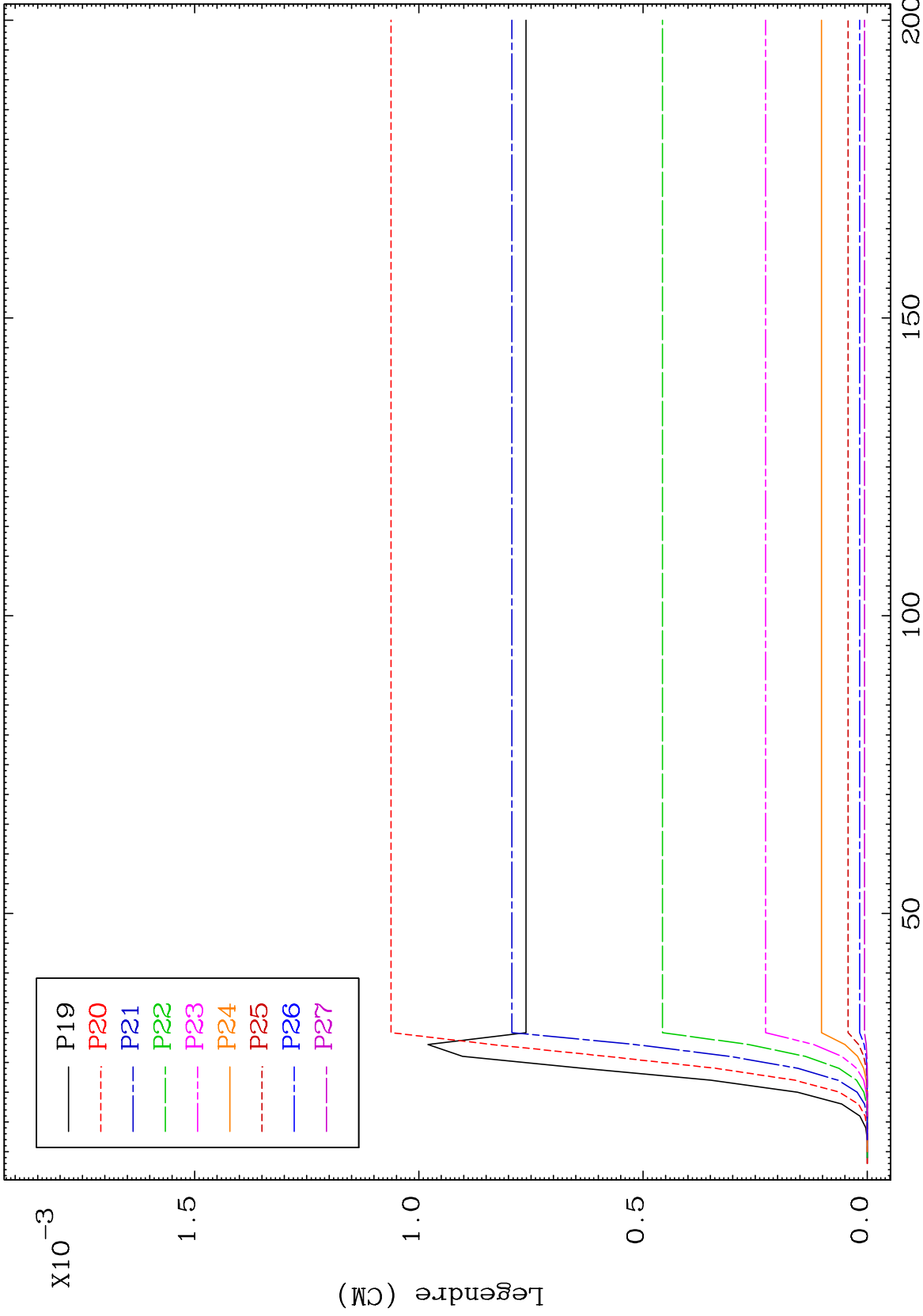
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



99

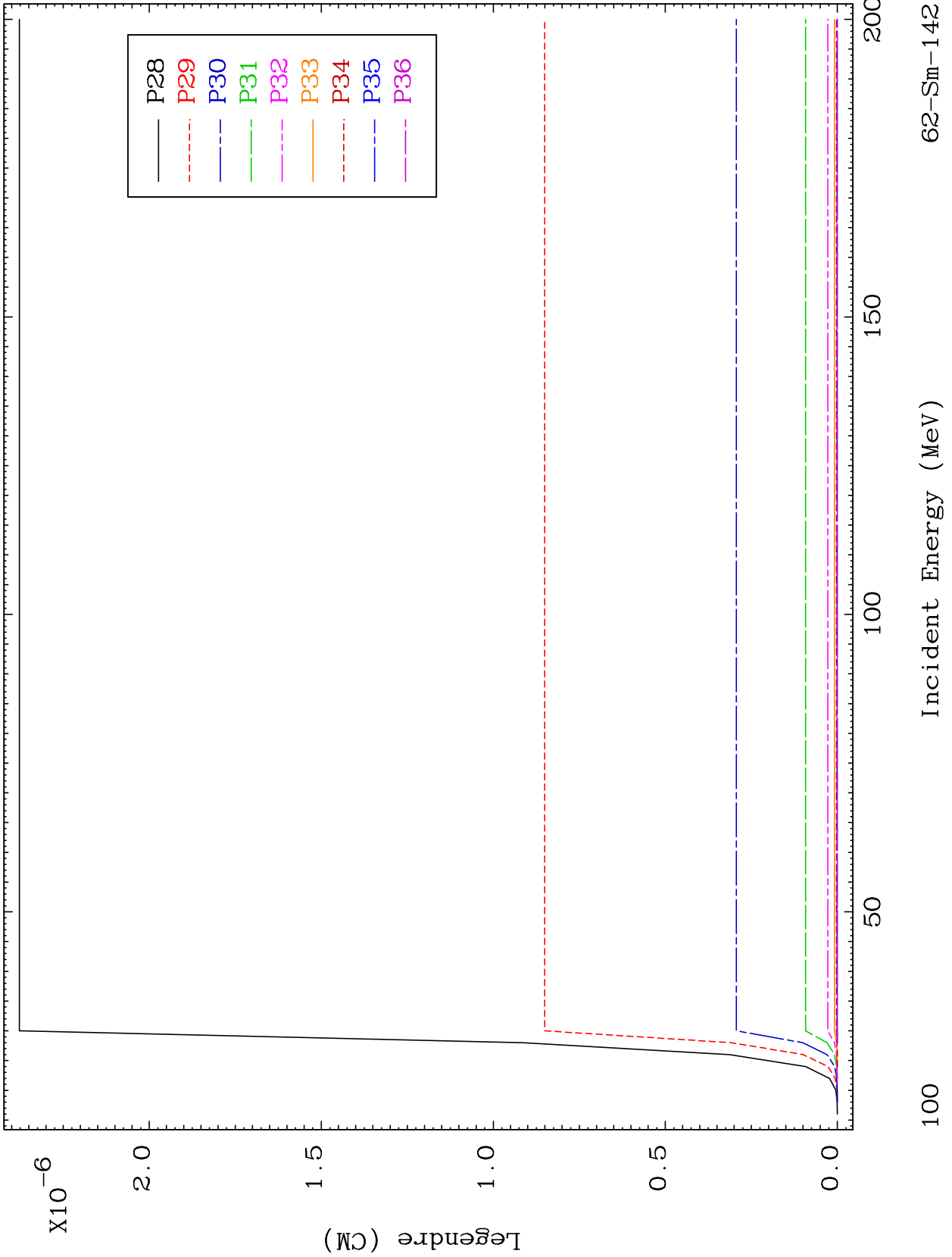
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

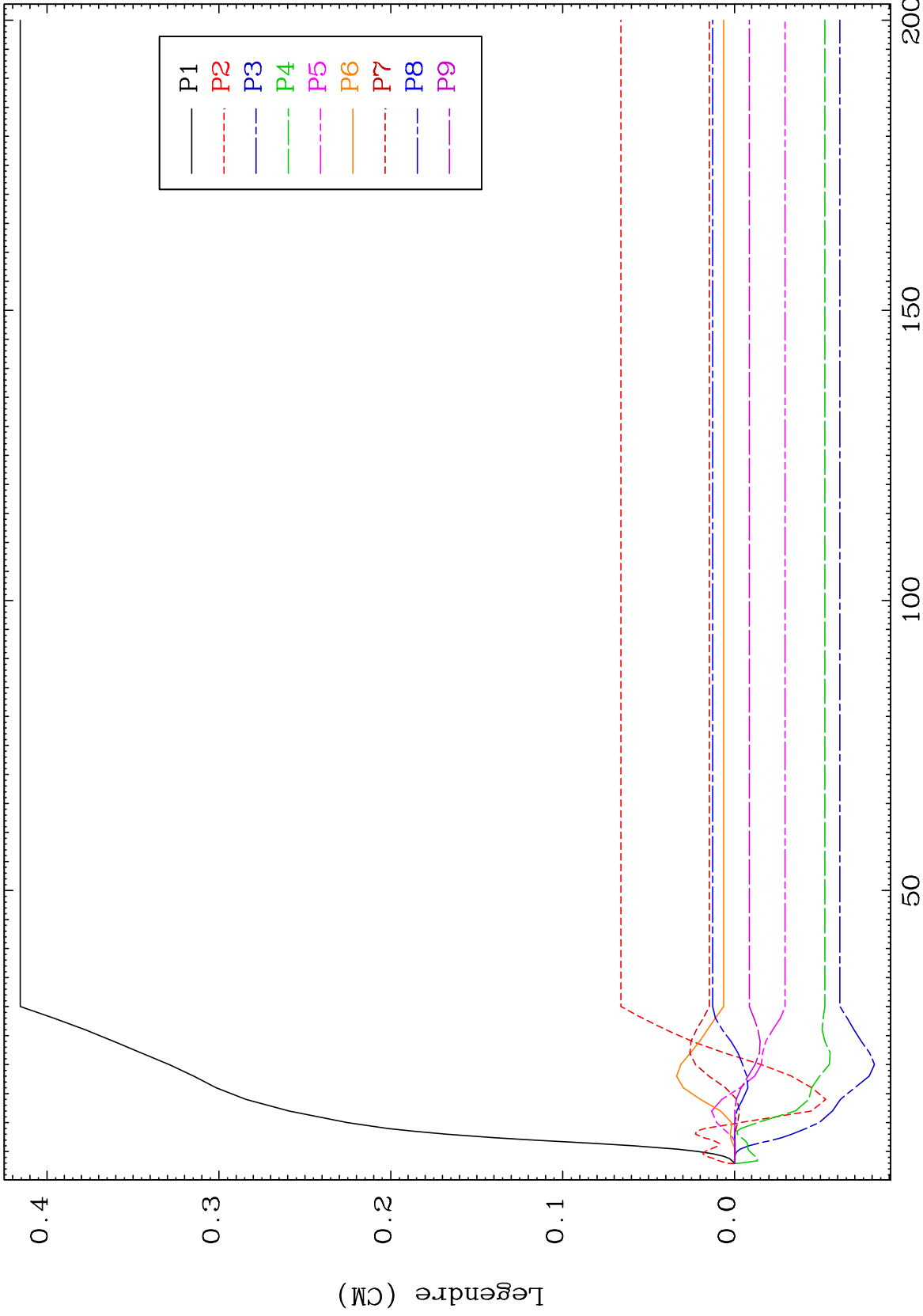
62-Sm-142



MAT 6219

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

62-Sm-142



101

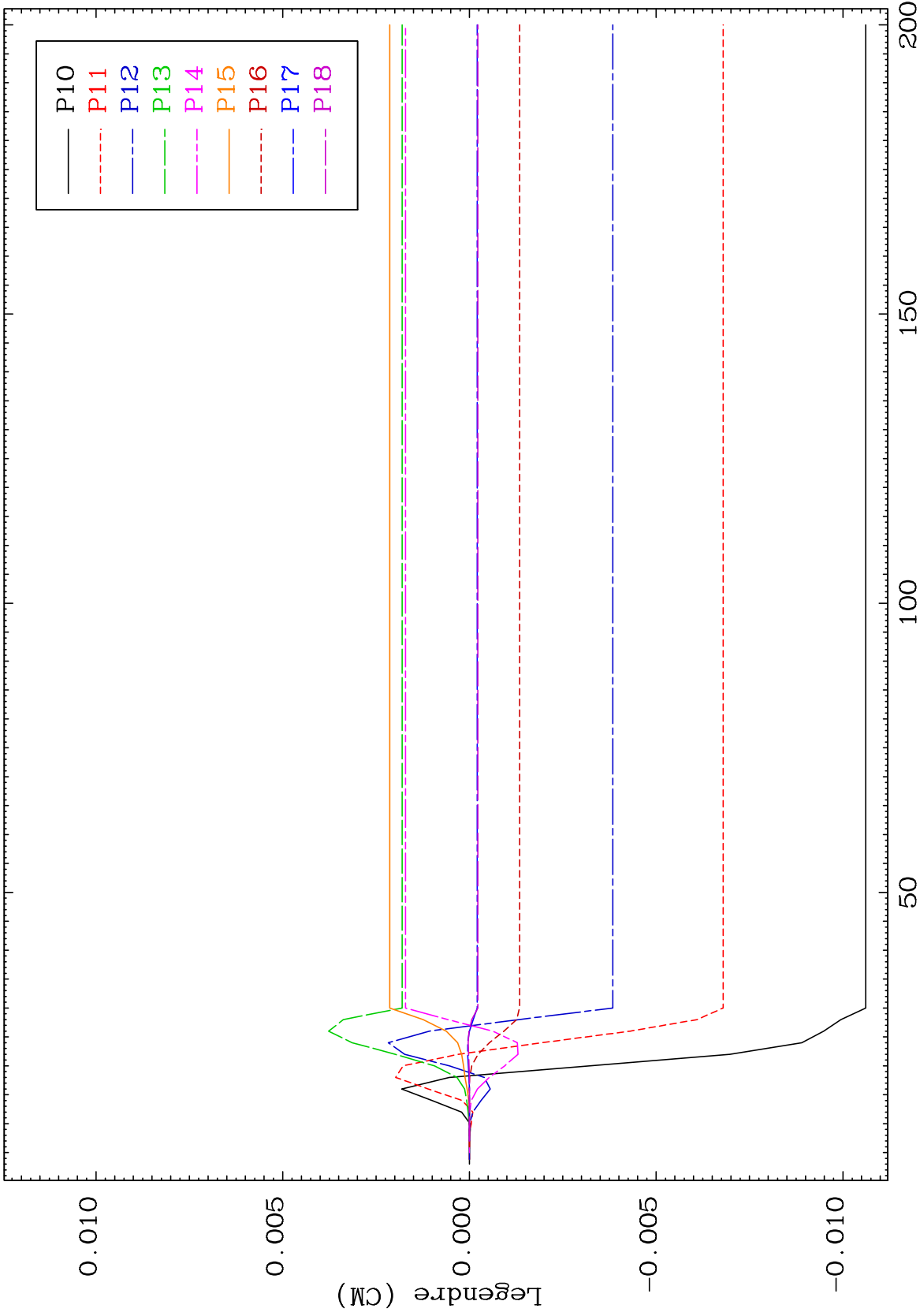
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142

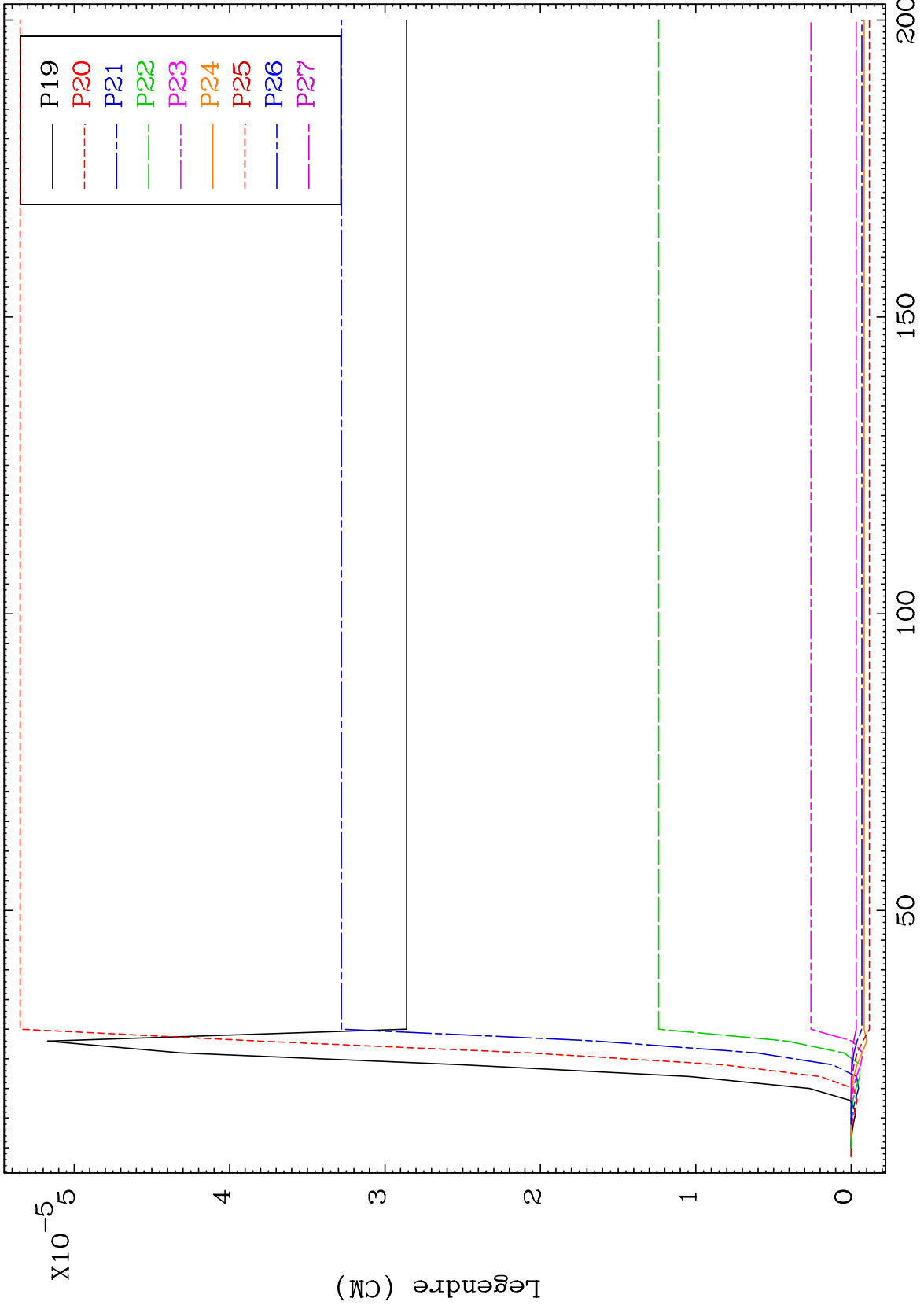


102

Incident Energy (MeV)

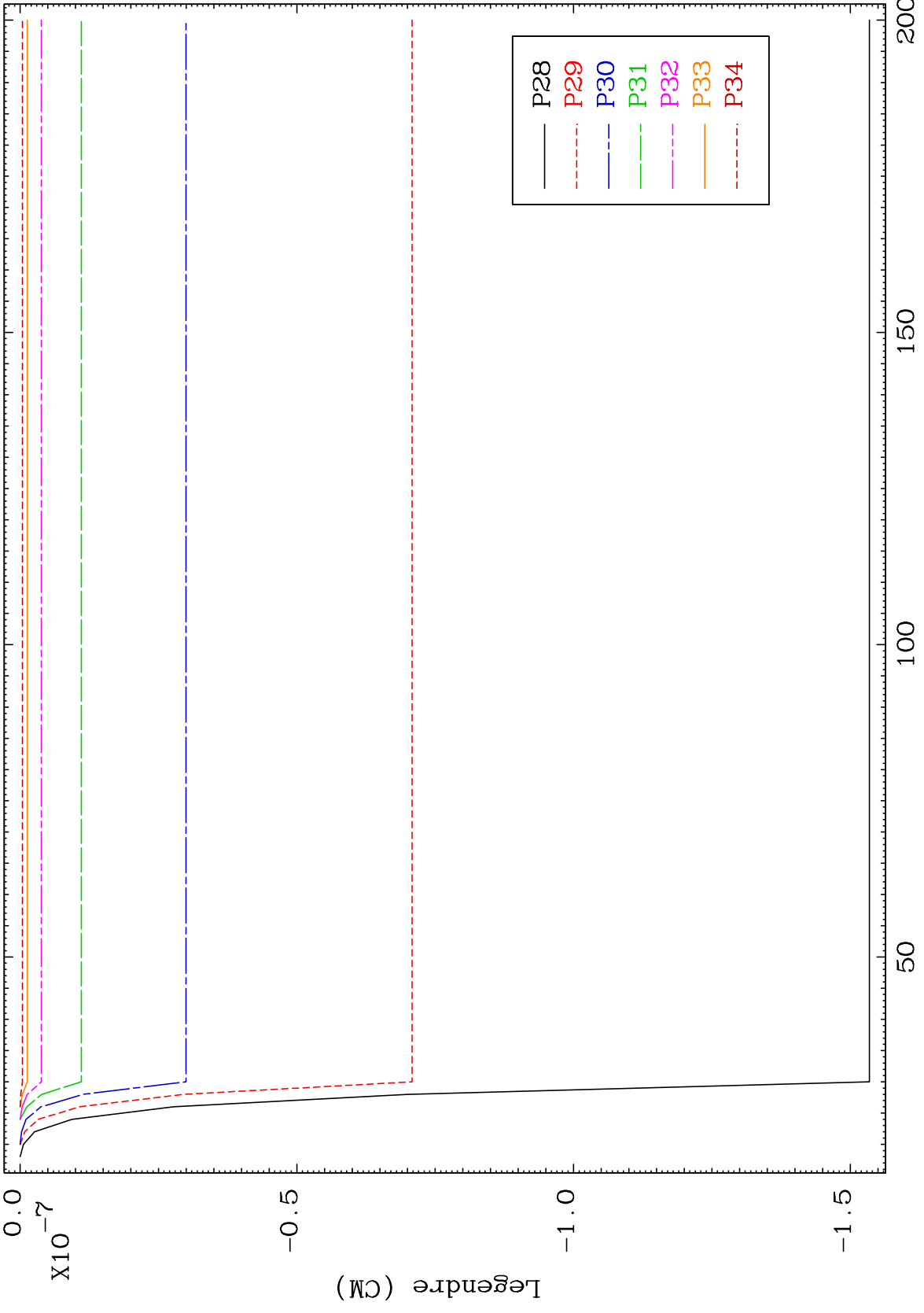
62-Sm-142

MAT 6219 MT= 73 (n,n') Level Legendre Coefficients 62-Sm-142



103 Incident Energy (MeV) 62-Sm-142

MAT 6219 MT= 73 (n,n') Level Legendre Coefficients 62-Sm-142

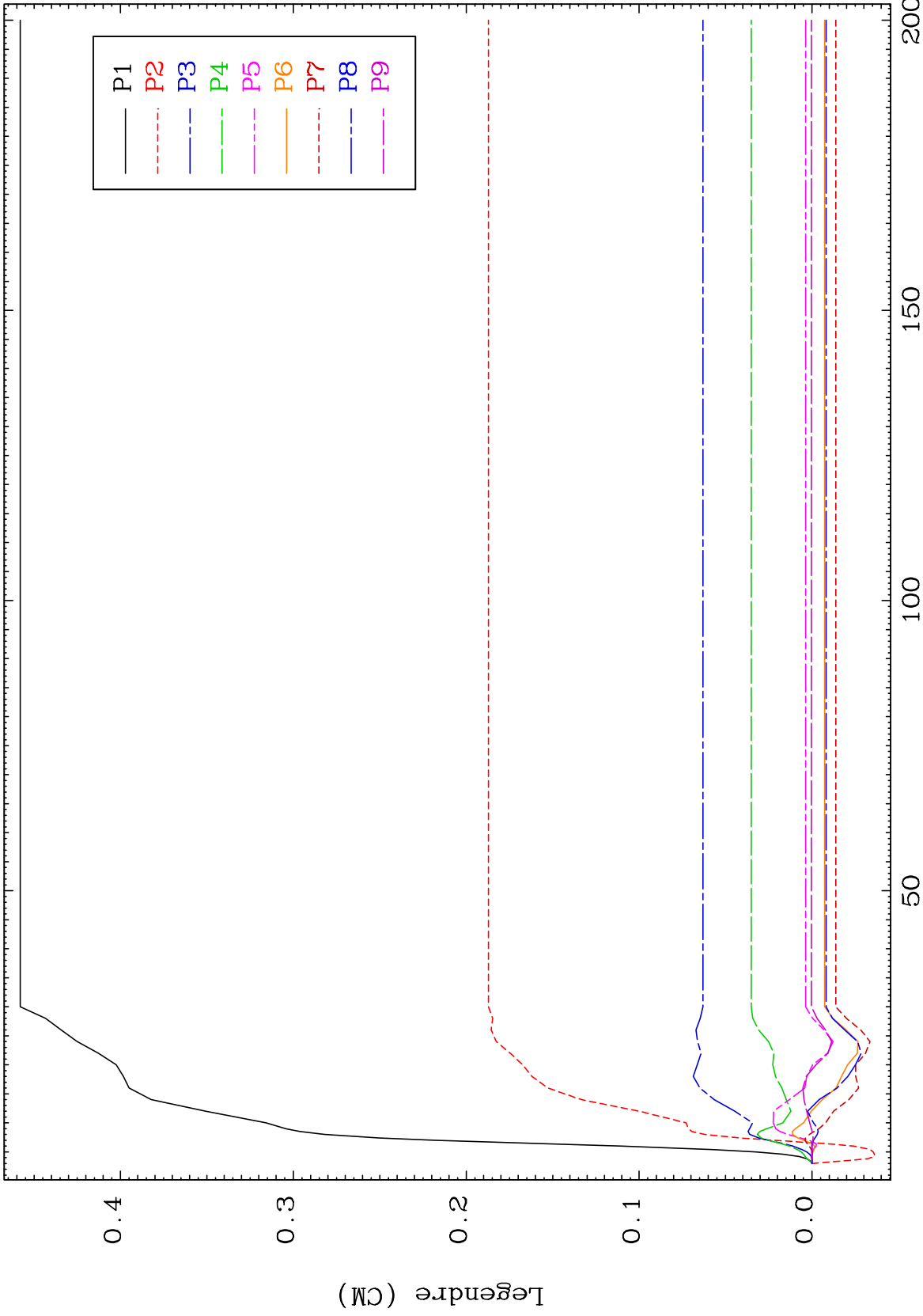


104 62-Sm-142

MAT 6219

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

62-Sm-142



105

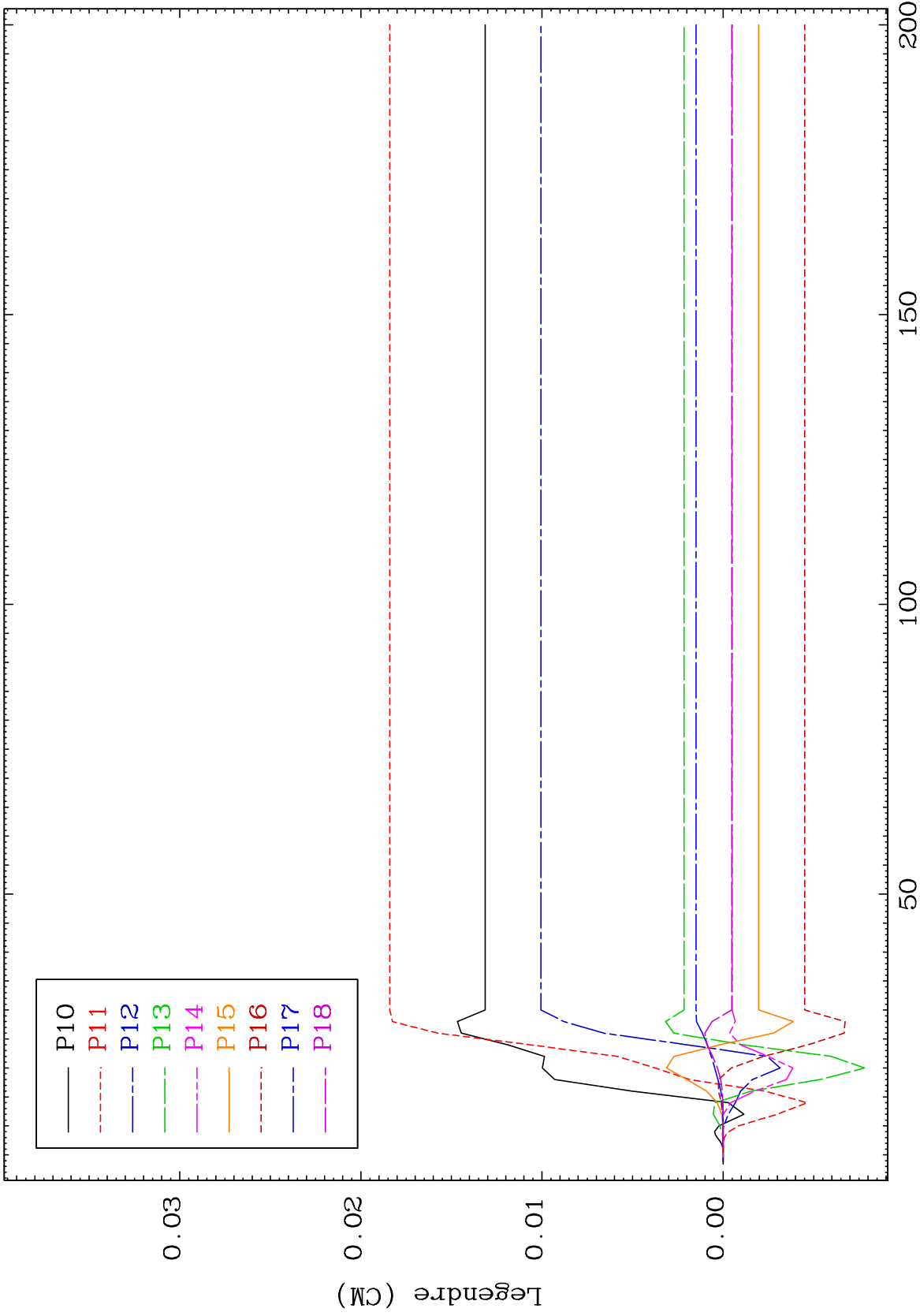
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



106

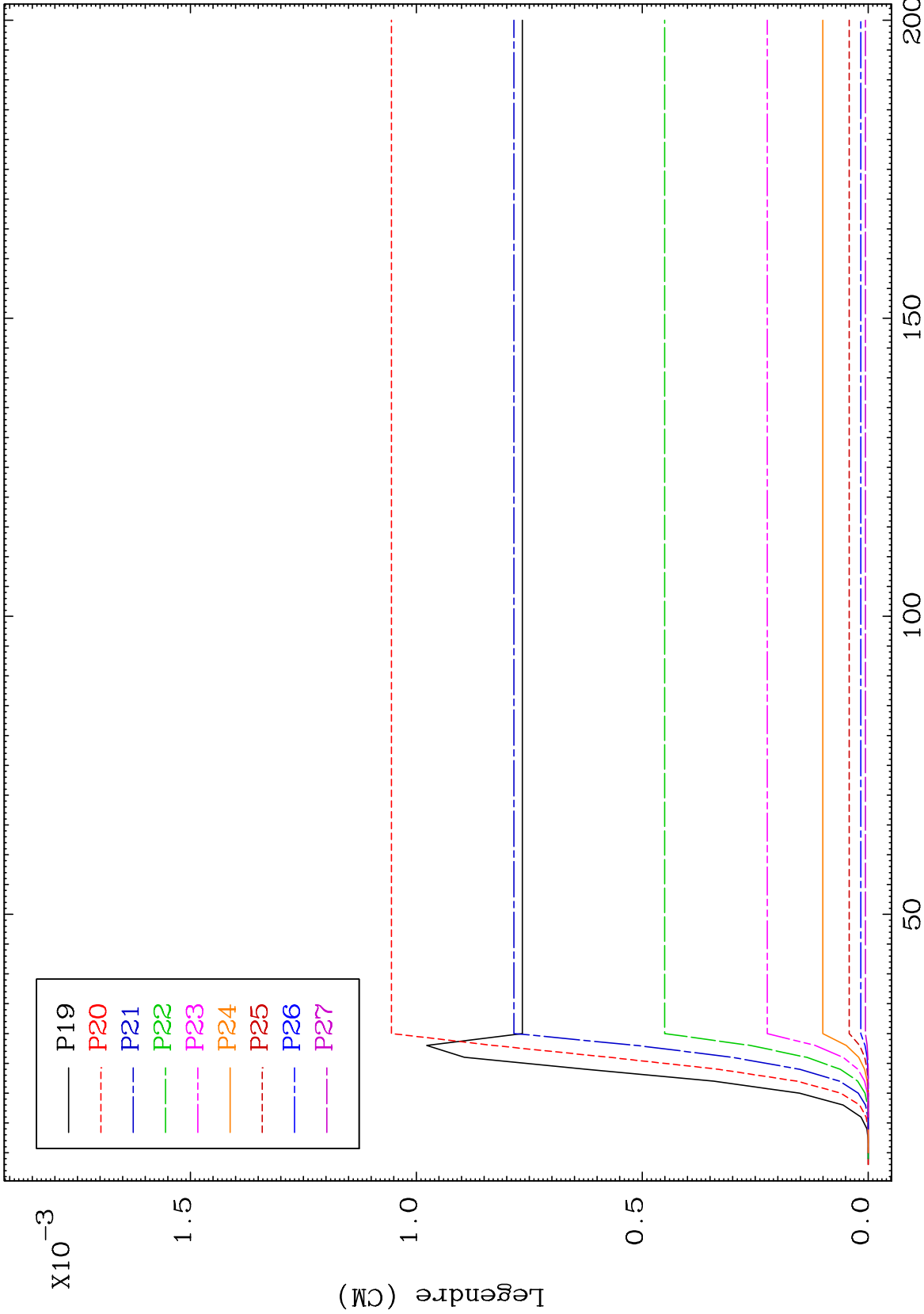
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



107

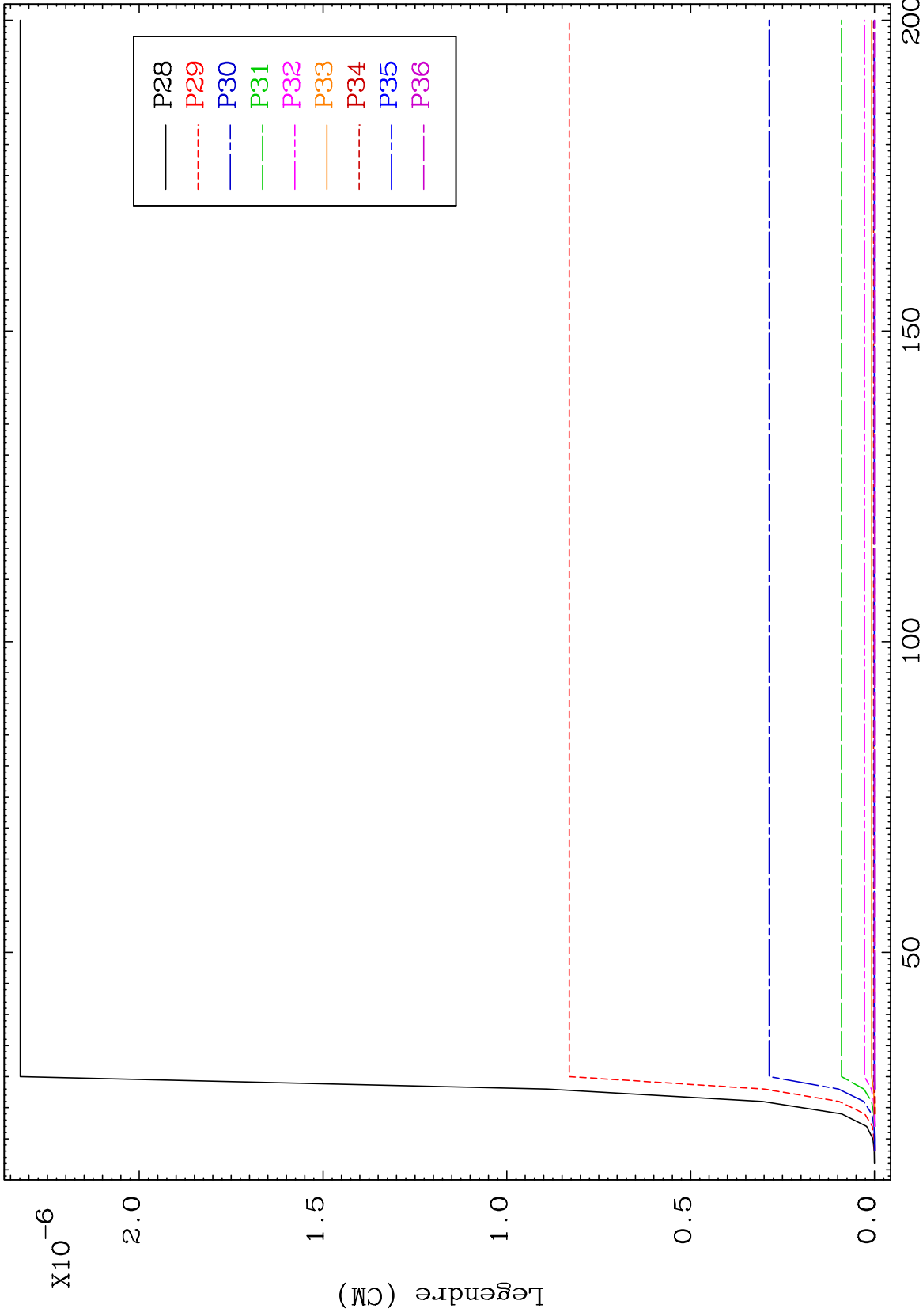
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



108

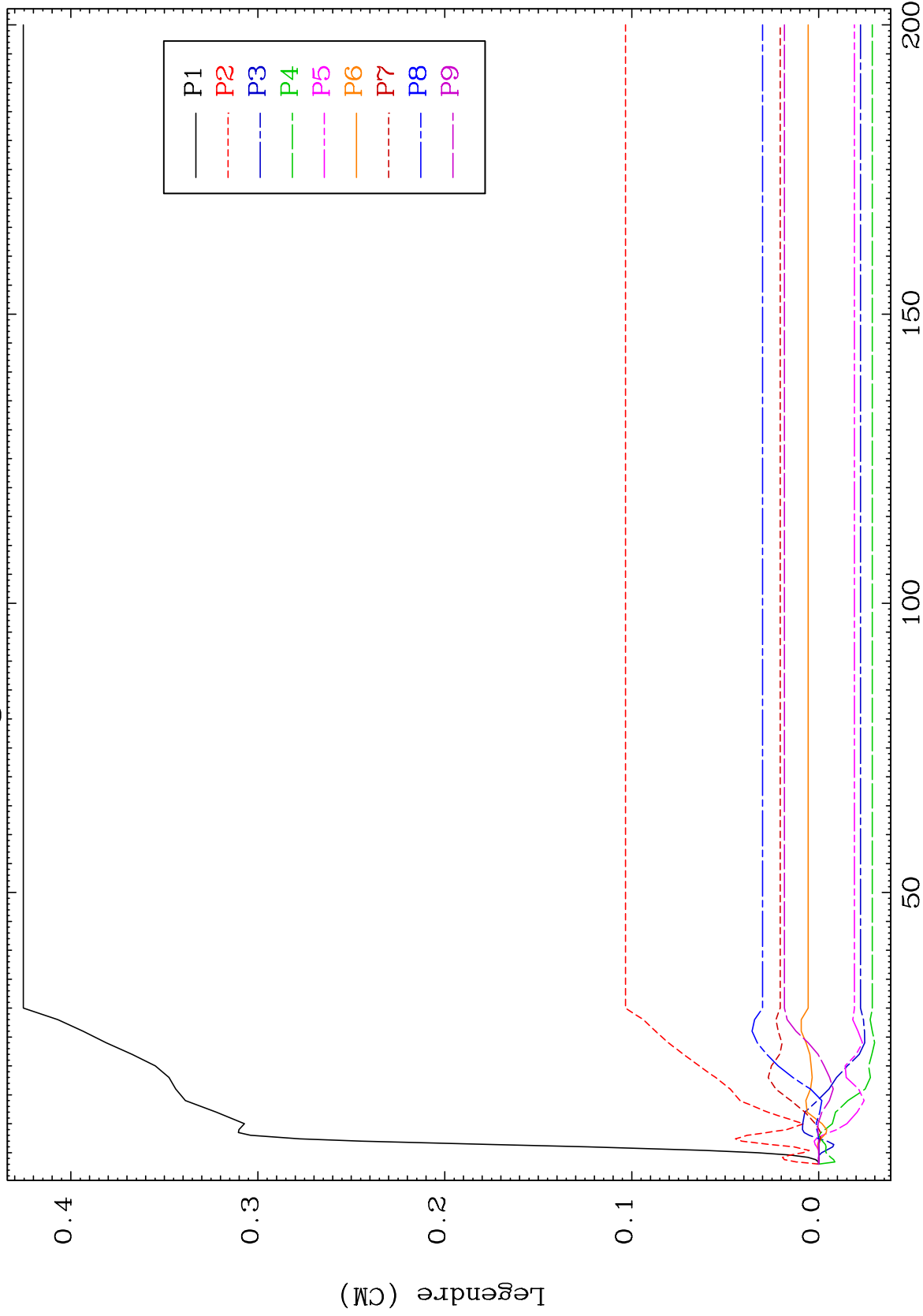
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



109

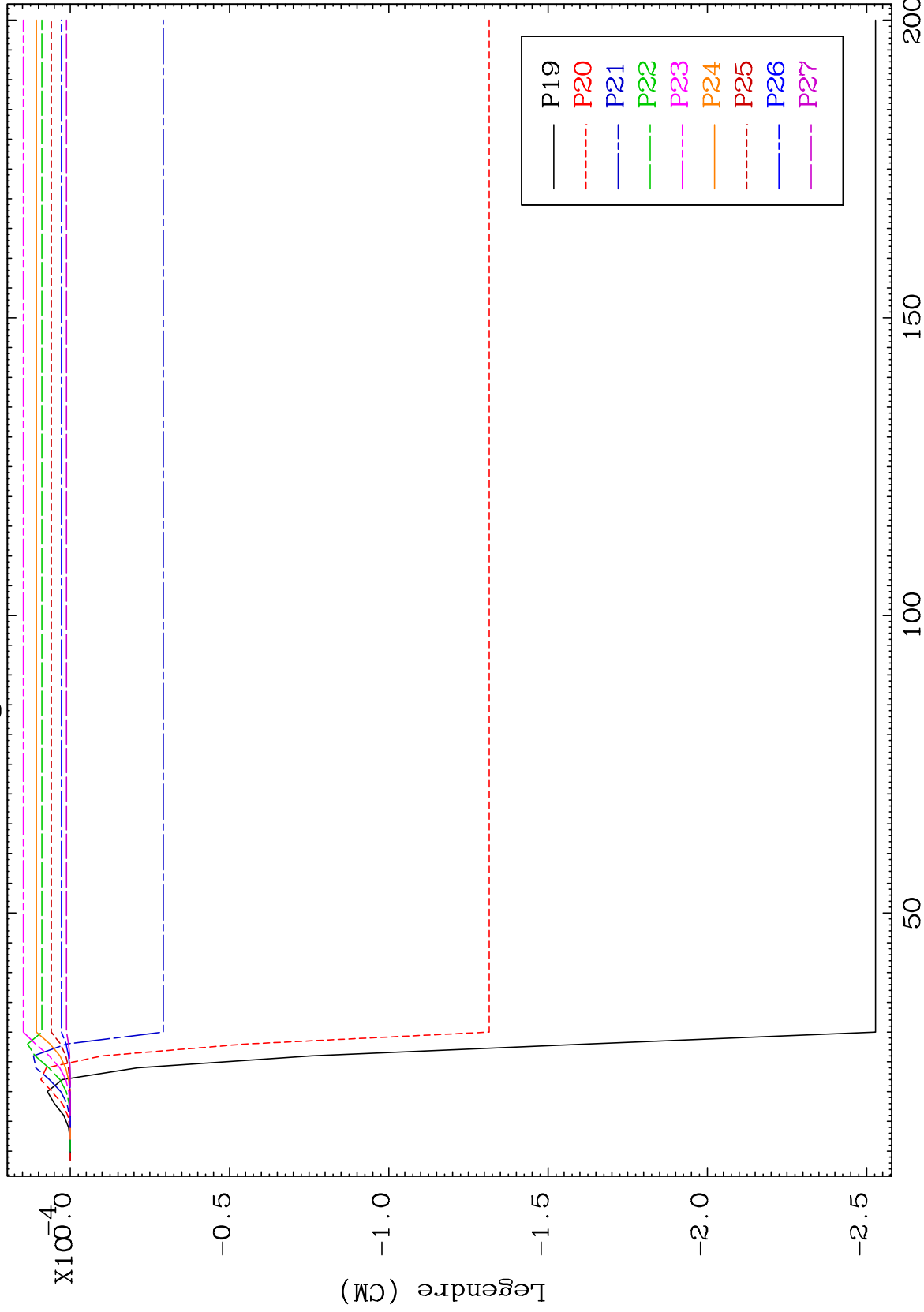
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



111

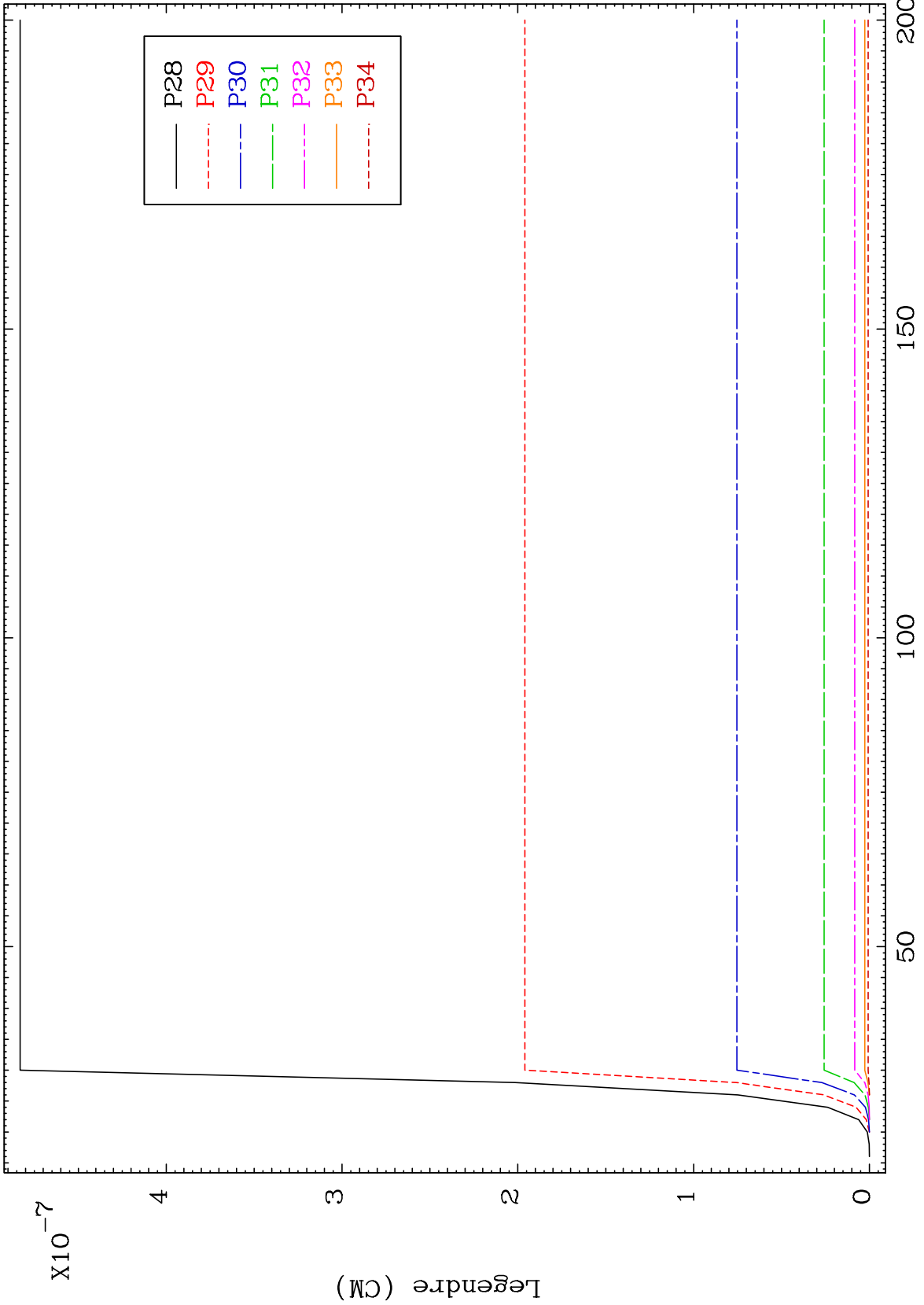
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



112

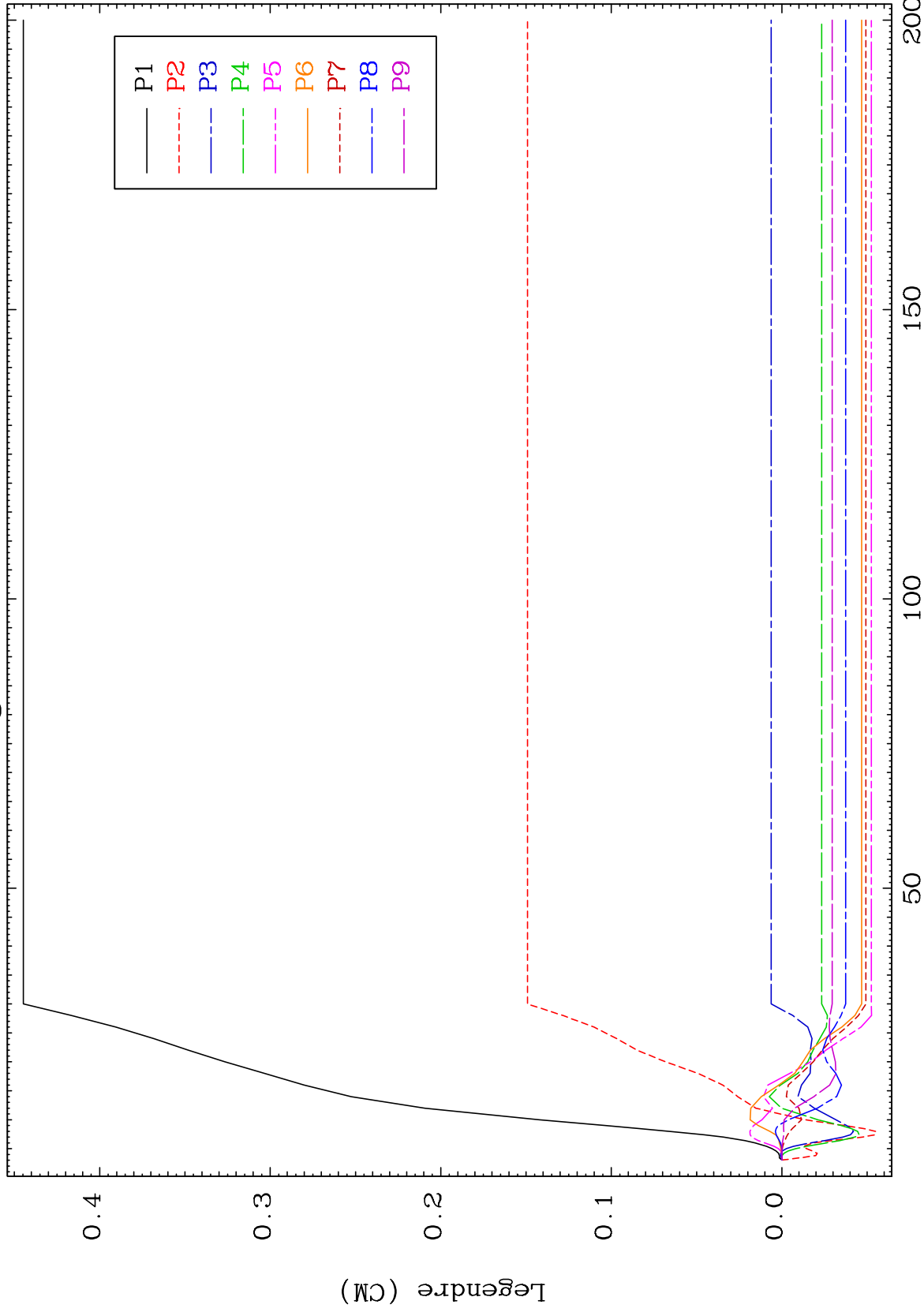
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



113

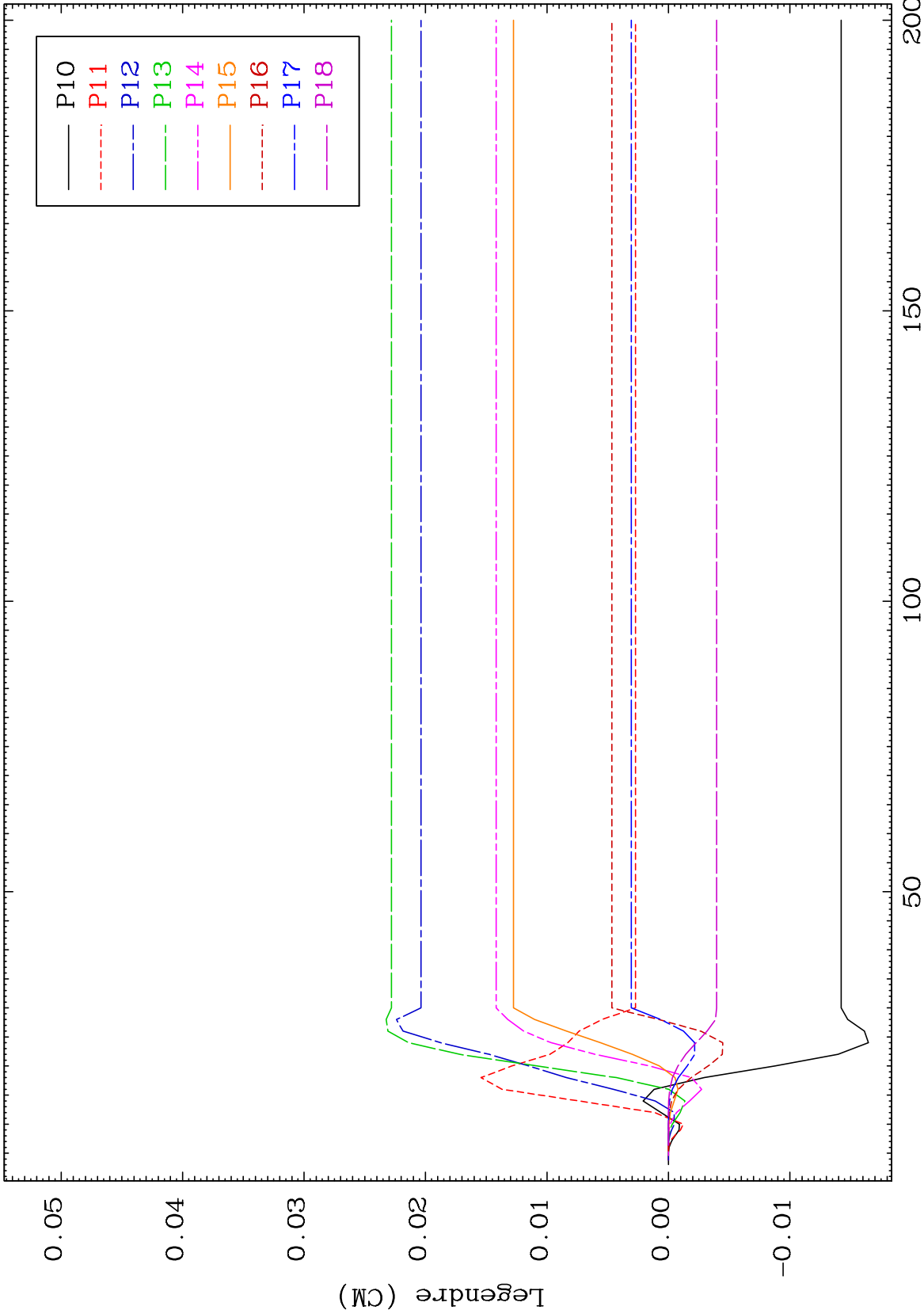
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



114

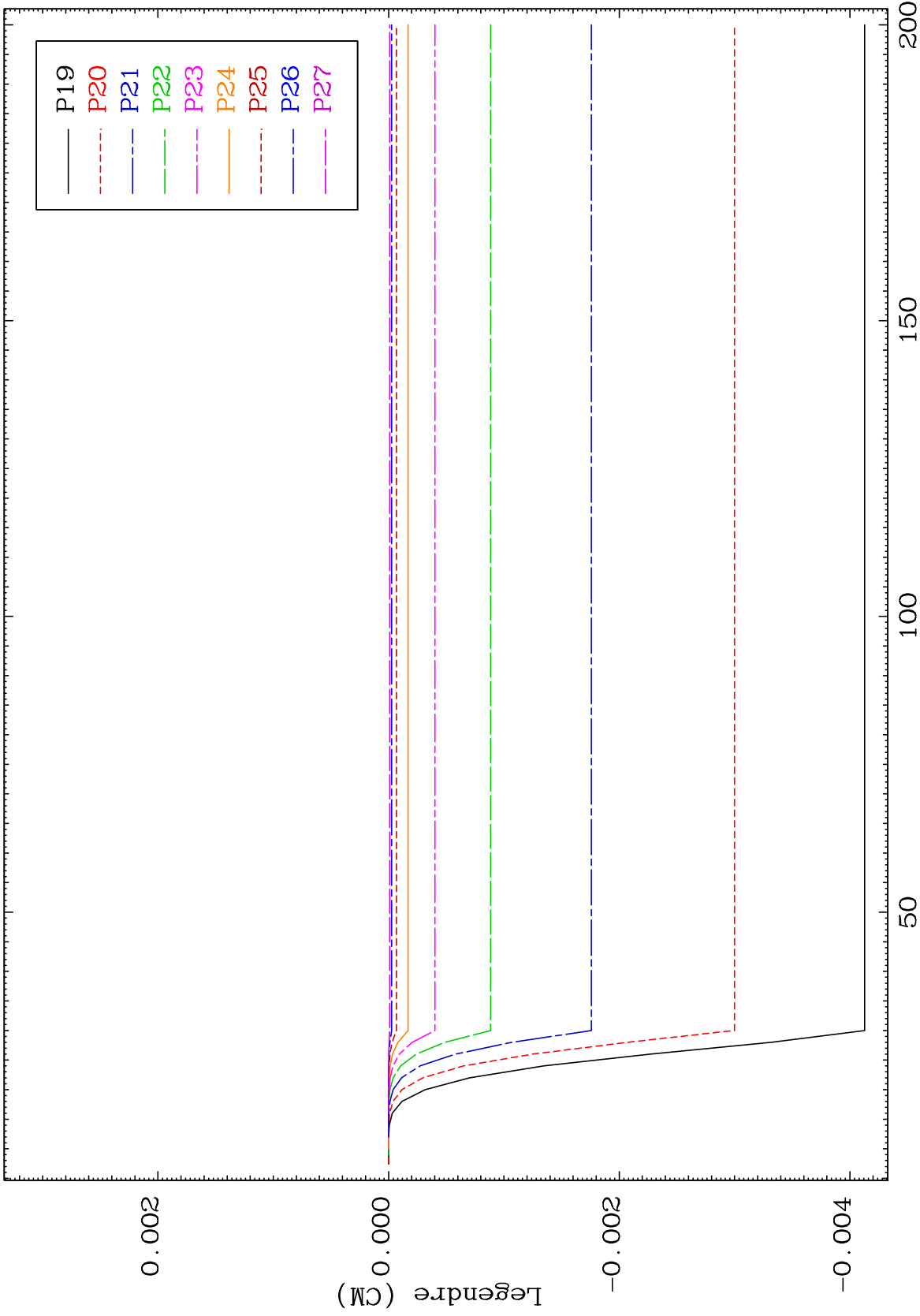
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



115

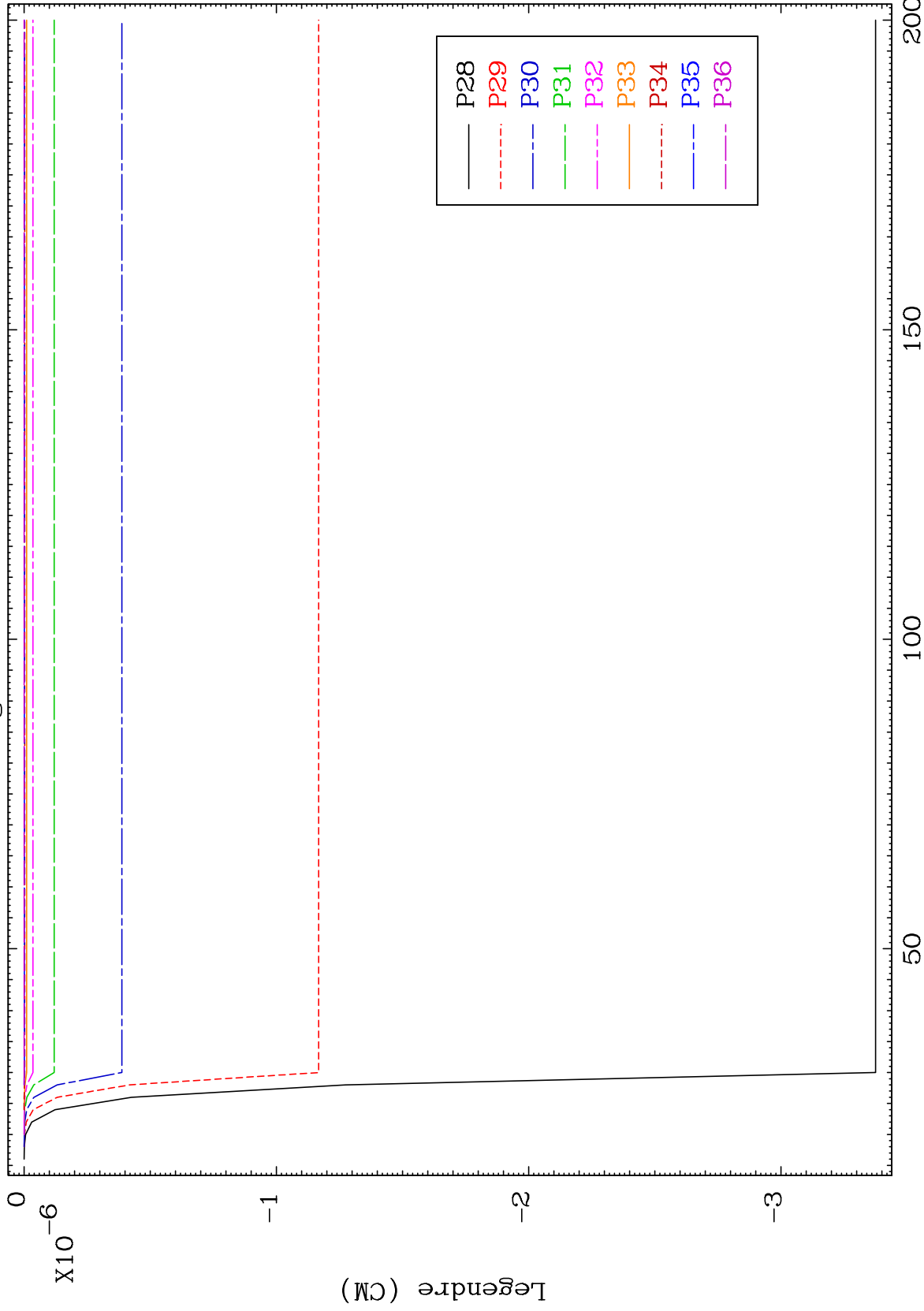
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



62-Sm-142

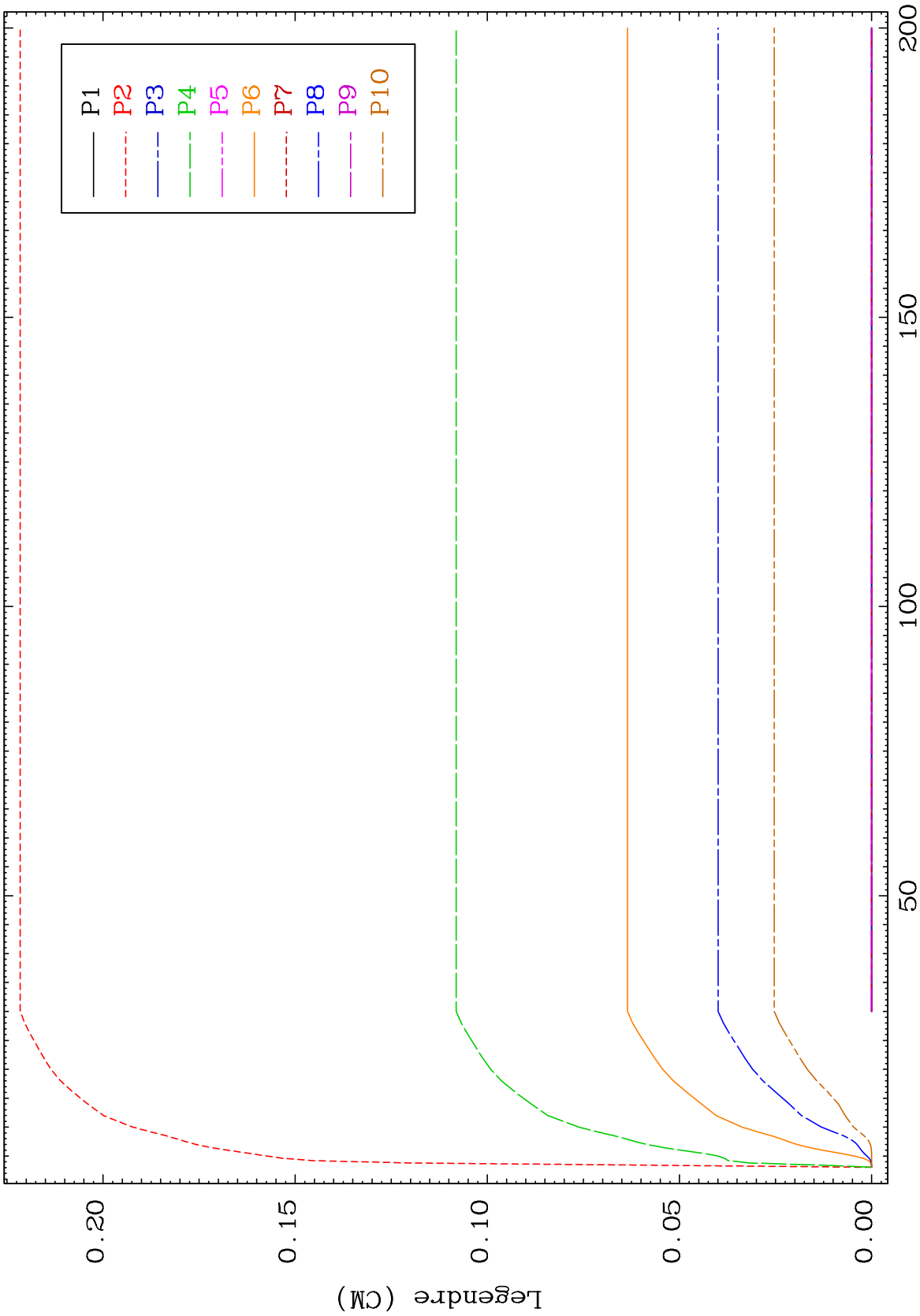
Incident Energy (MeV)

116

MAT 6219

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

62-Sm-142

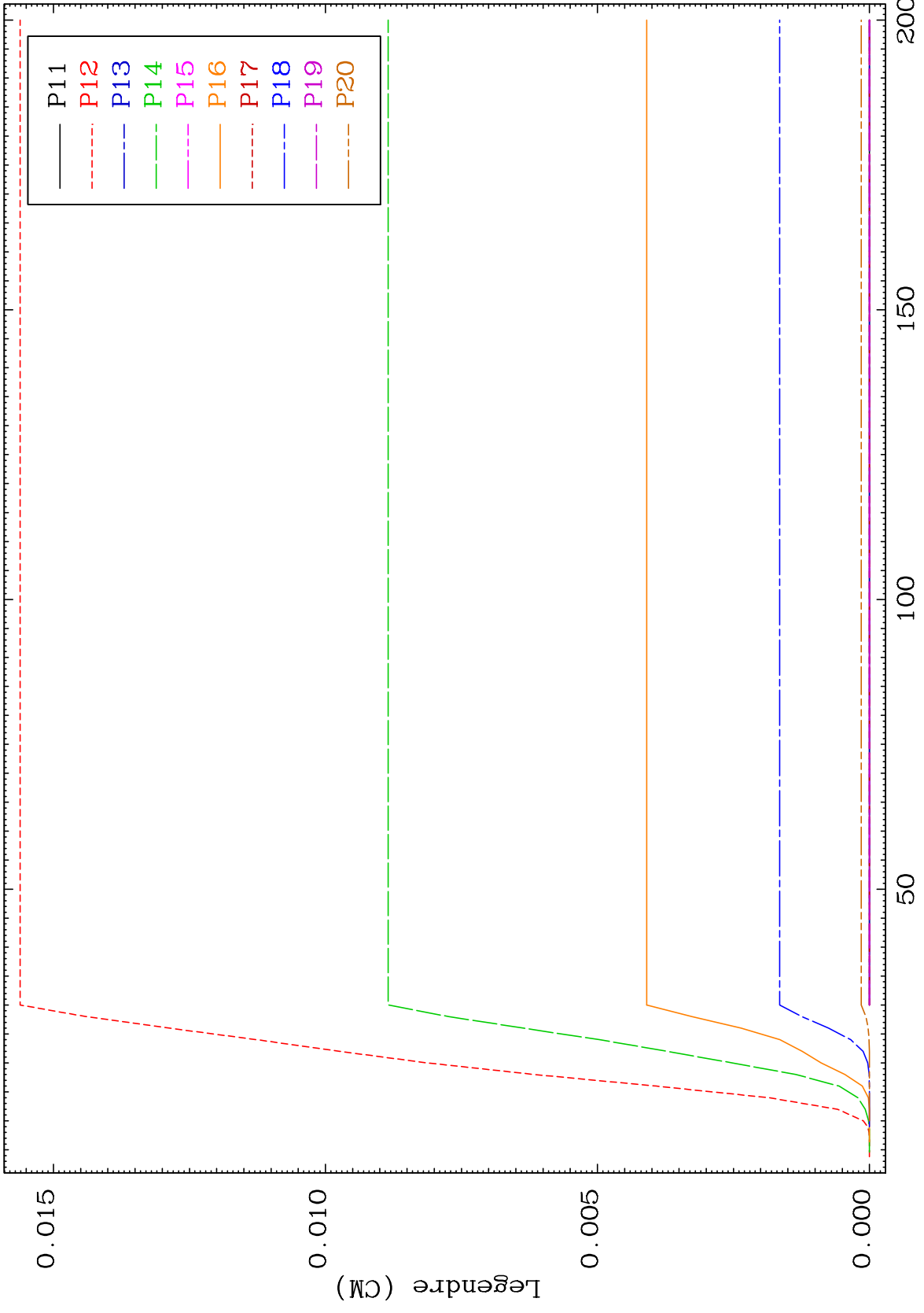


117

Incident Energy (MeV)

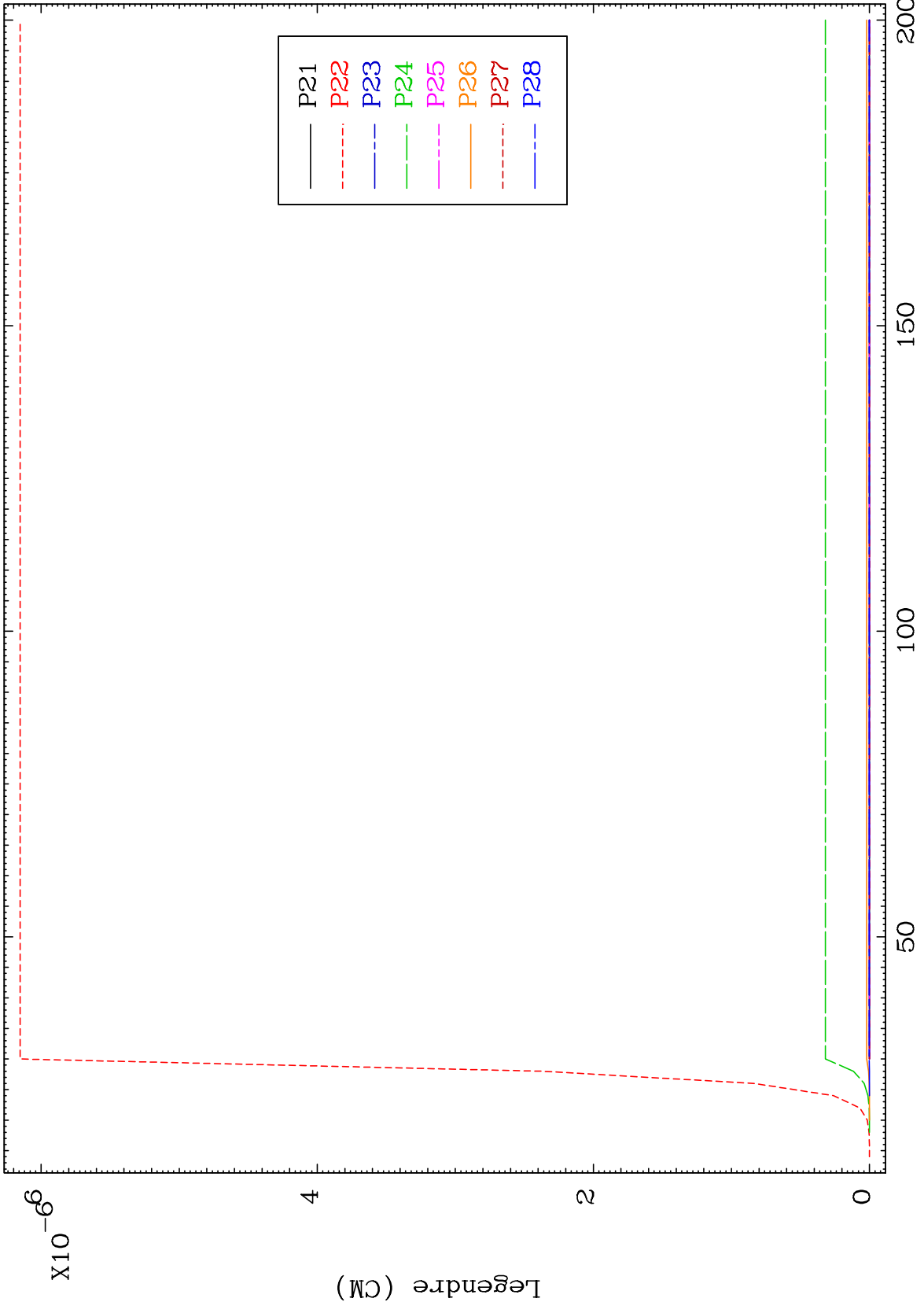
62-Sm-142

MAT 6219 MT= 77 (n,n') Level Legendre Coefficients 62-Sm-142



118 62-Sm-142

MAT 6219 MT= 77 (n,n') Level Legendre Coefficients 62-Sm-142

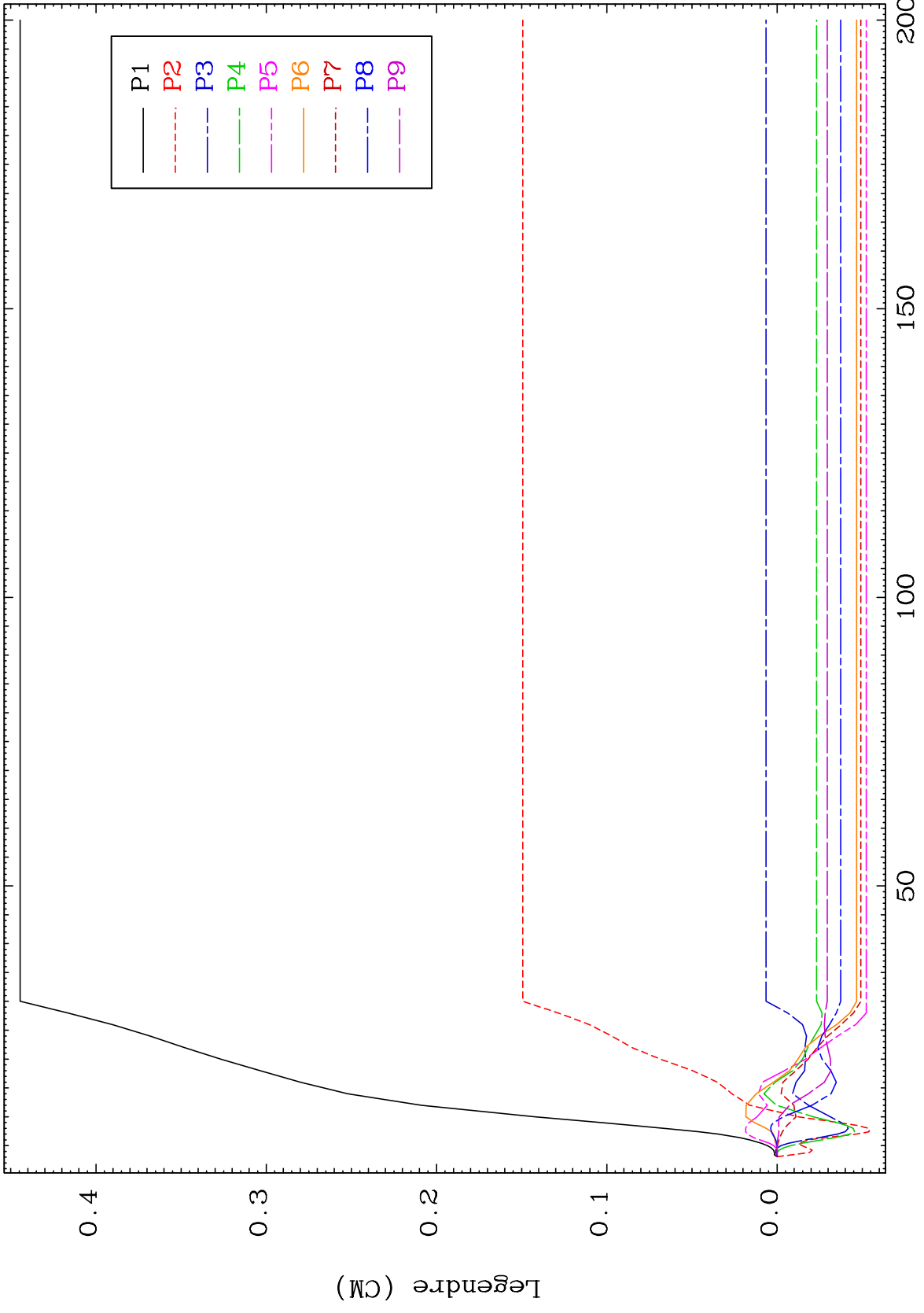


119 62-Sm-142

MAT 6219

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

62-Sm-142



62-Sm-142

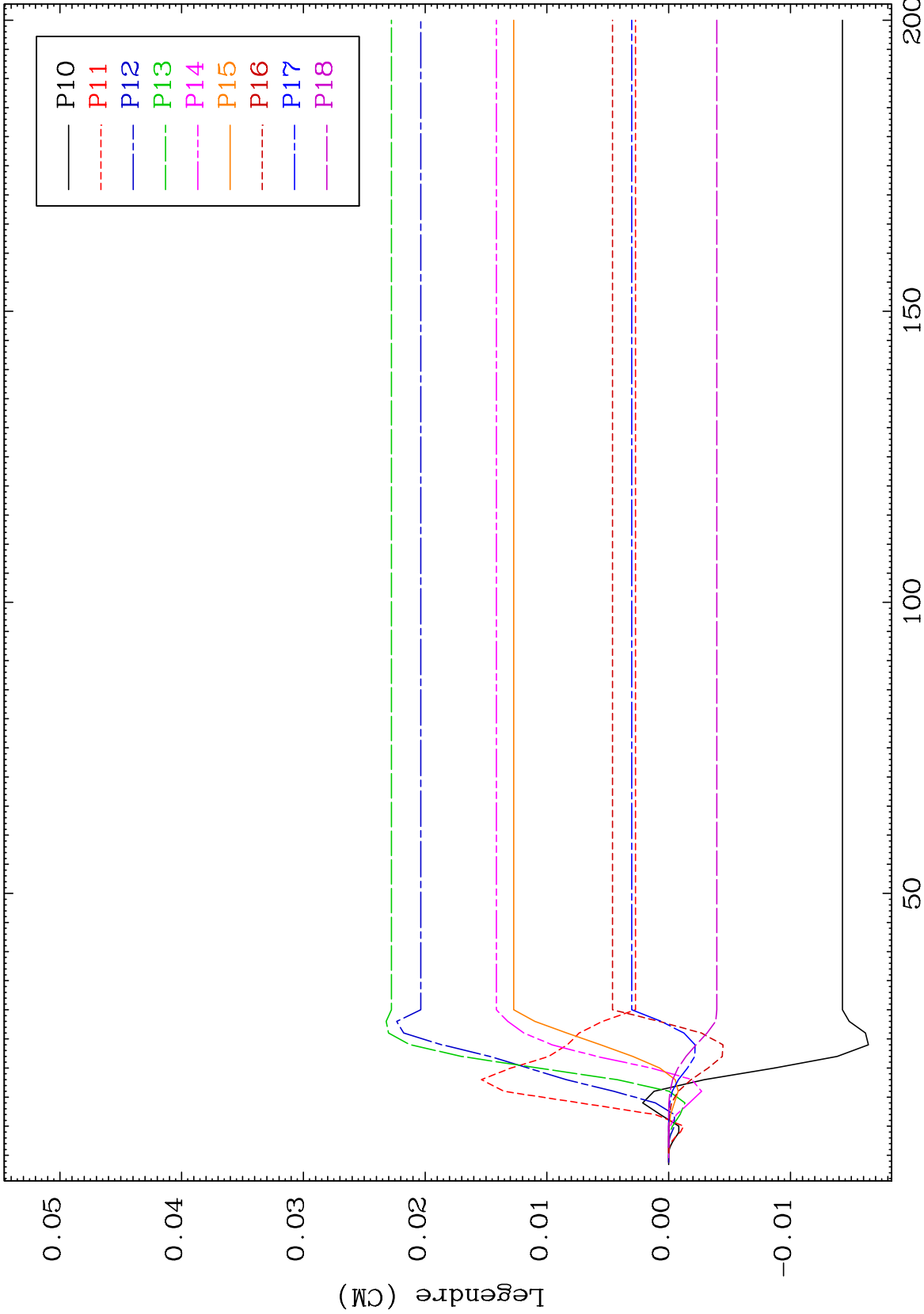
Incident Energy (MeV)

Legendre (CM)

MAT 6219

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

62-Sm-142



121

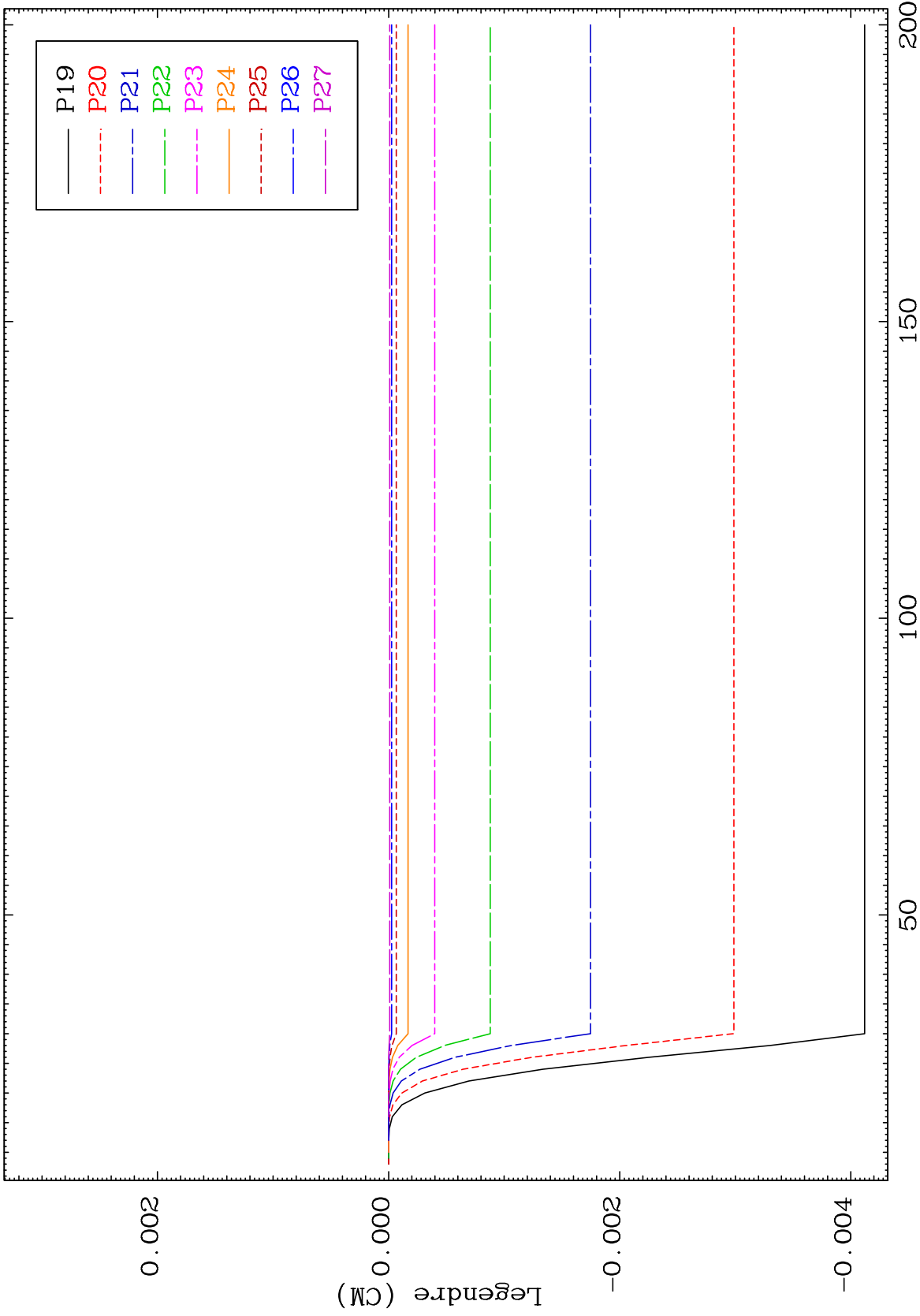
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



122

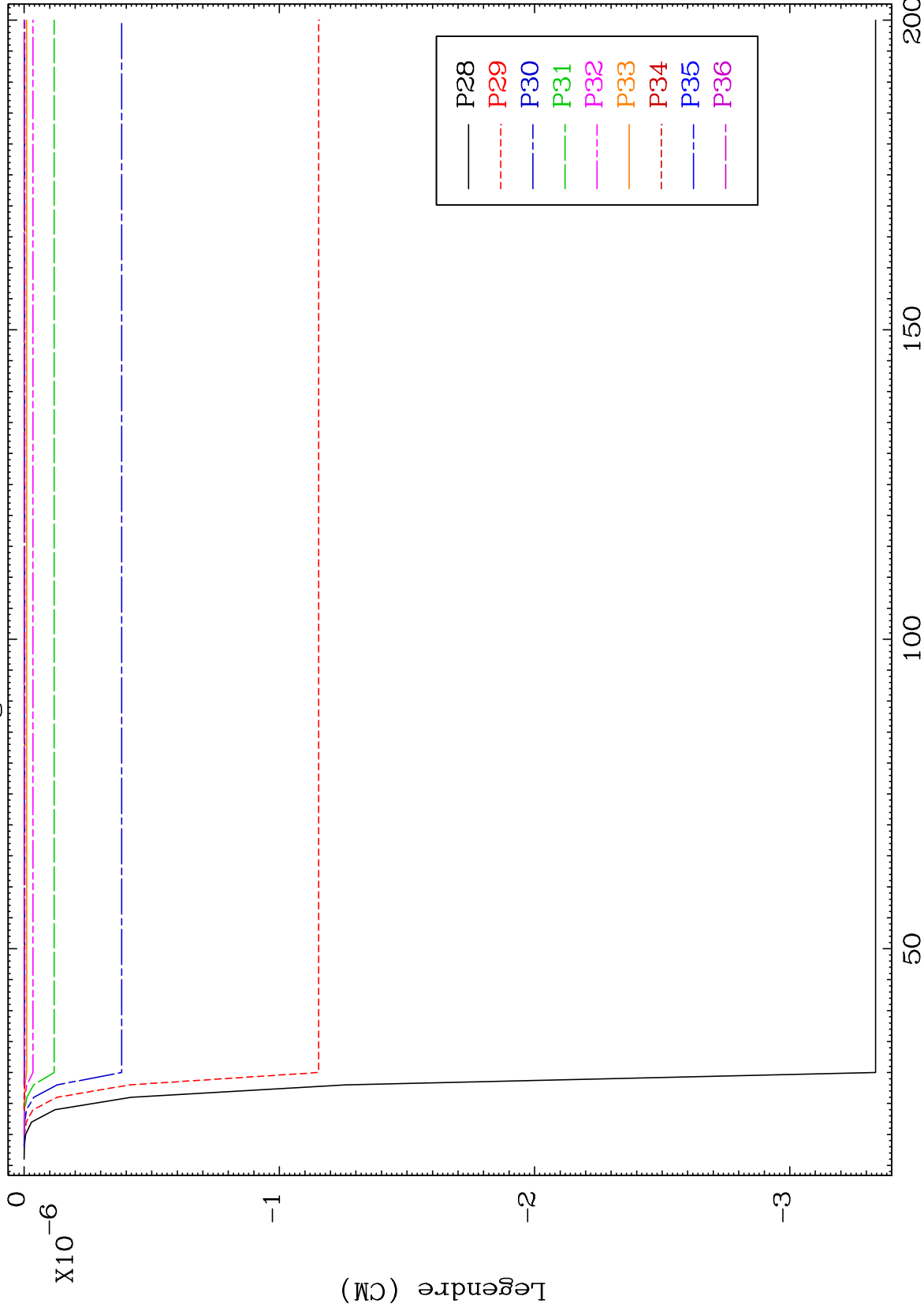
Incident Energy (MeV)

62-Sm-142

MAT 6219

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

62-Sm-142



62-Sm-142

Incident Energy (MeV)

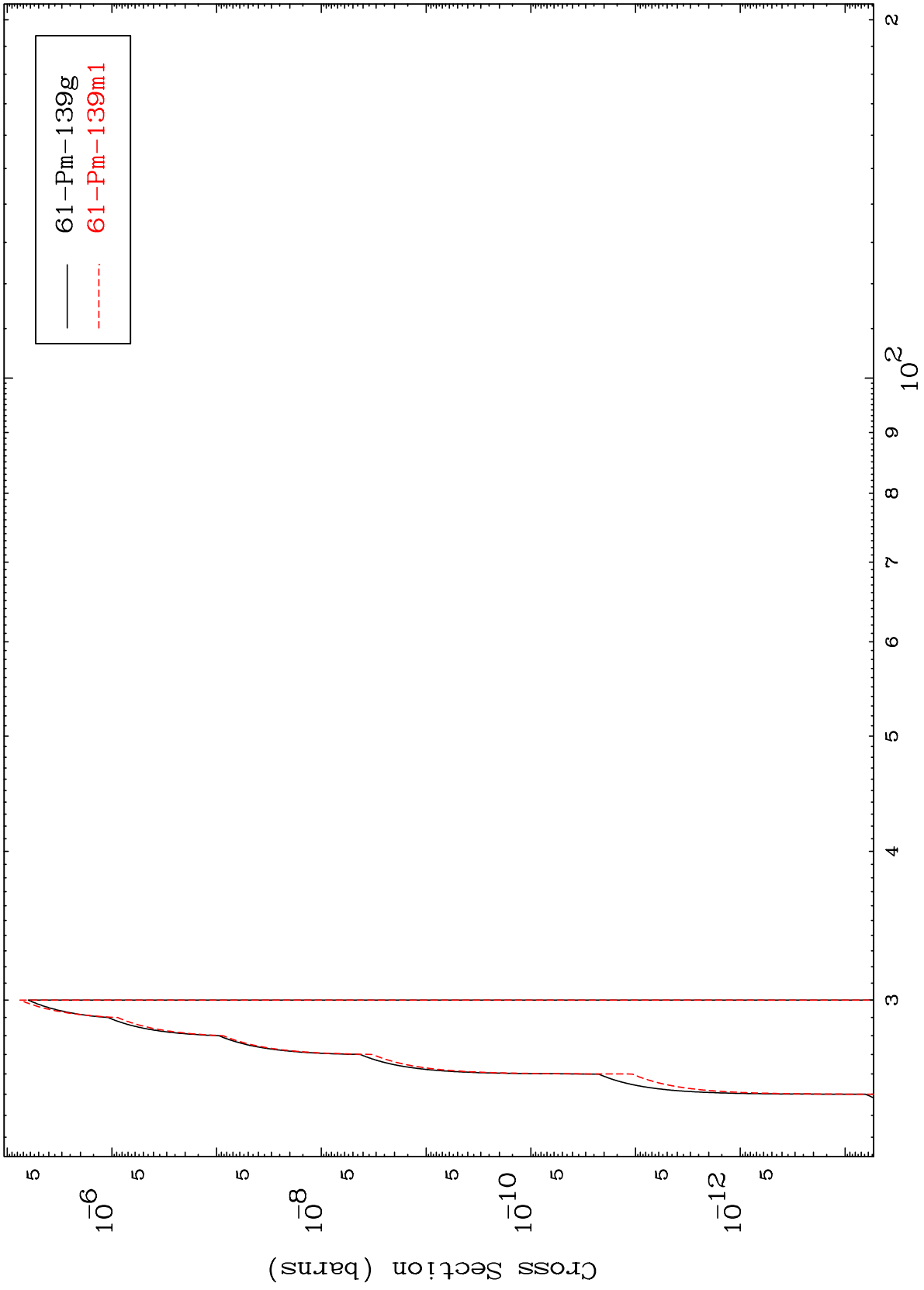
123

MAT 6219

(n,2n) d

62-Sm-142

Radionuclide Production Cross Section



124

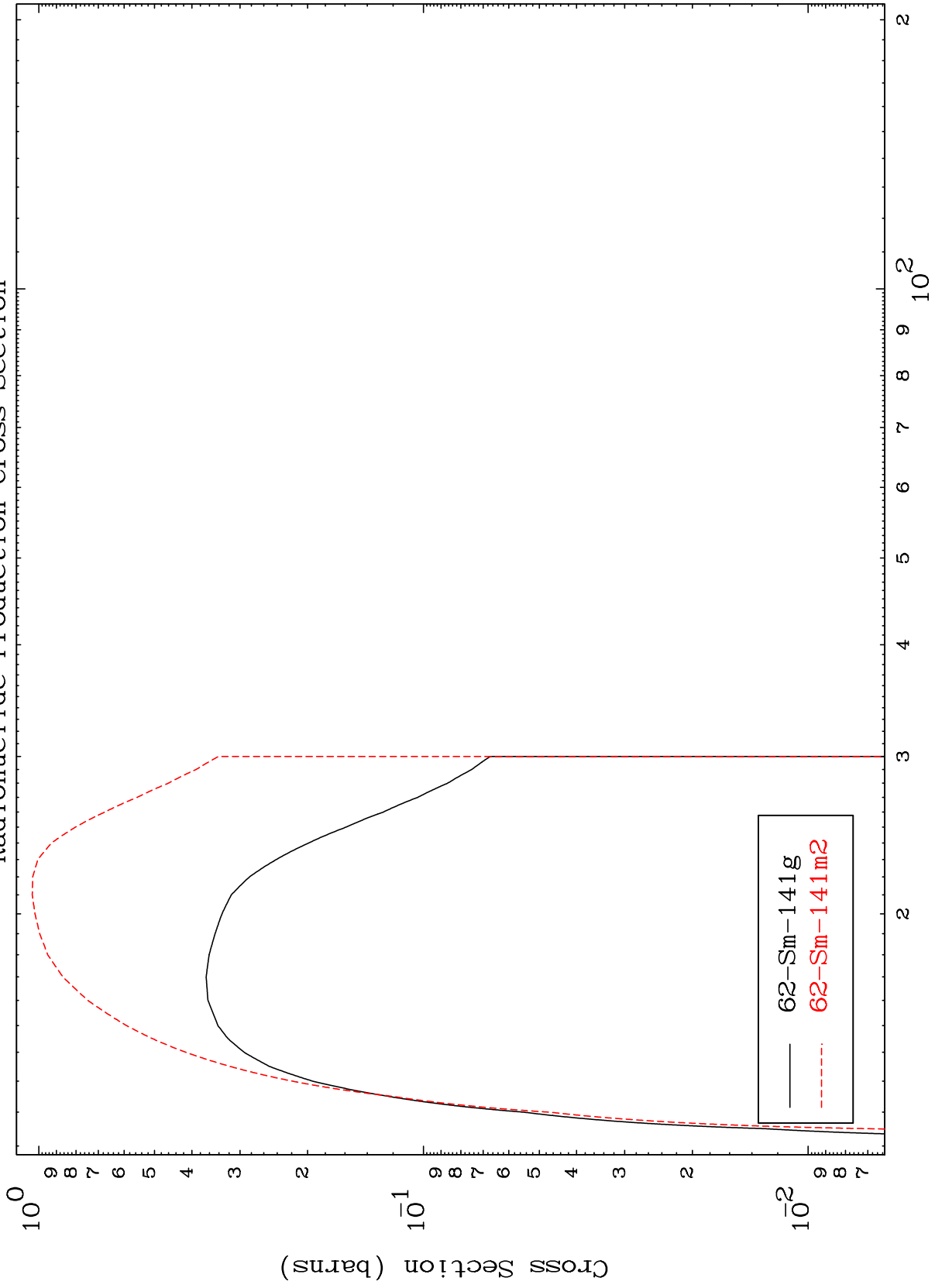
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

(n,2n)
Radionuclide Production Cross Section



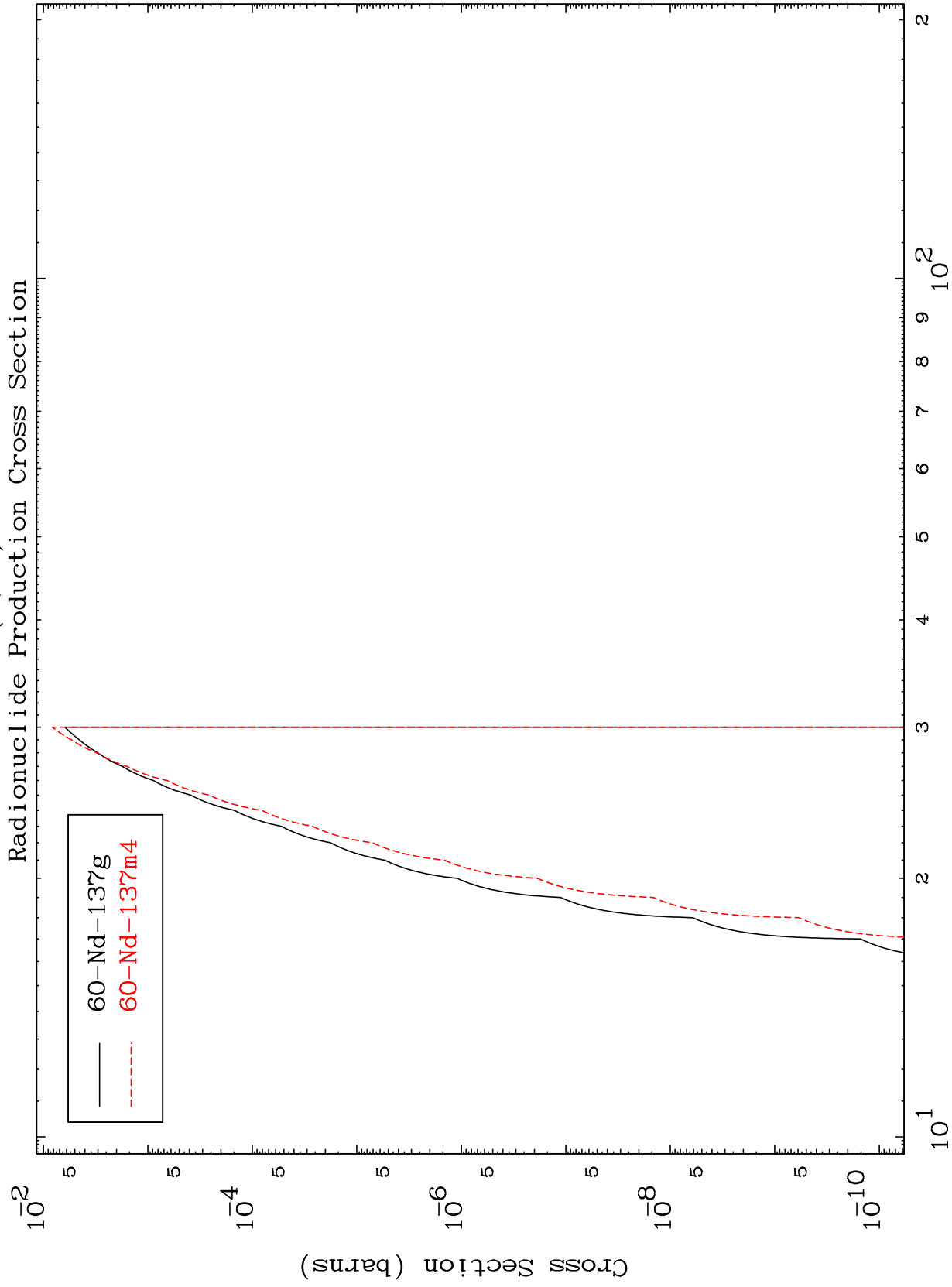
125

62-Sm-142

MAT 6219

(n,2n) α

62-Sm-142

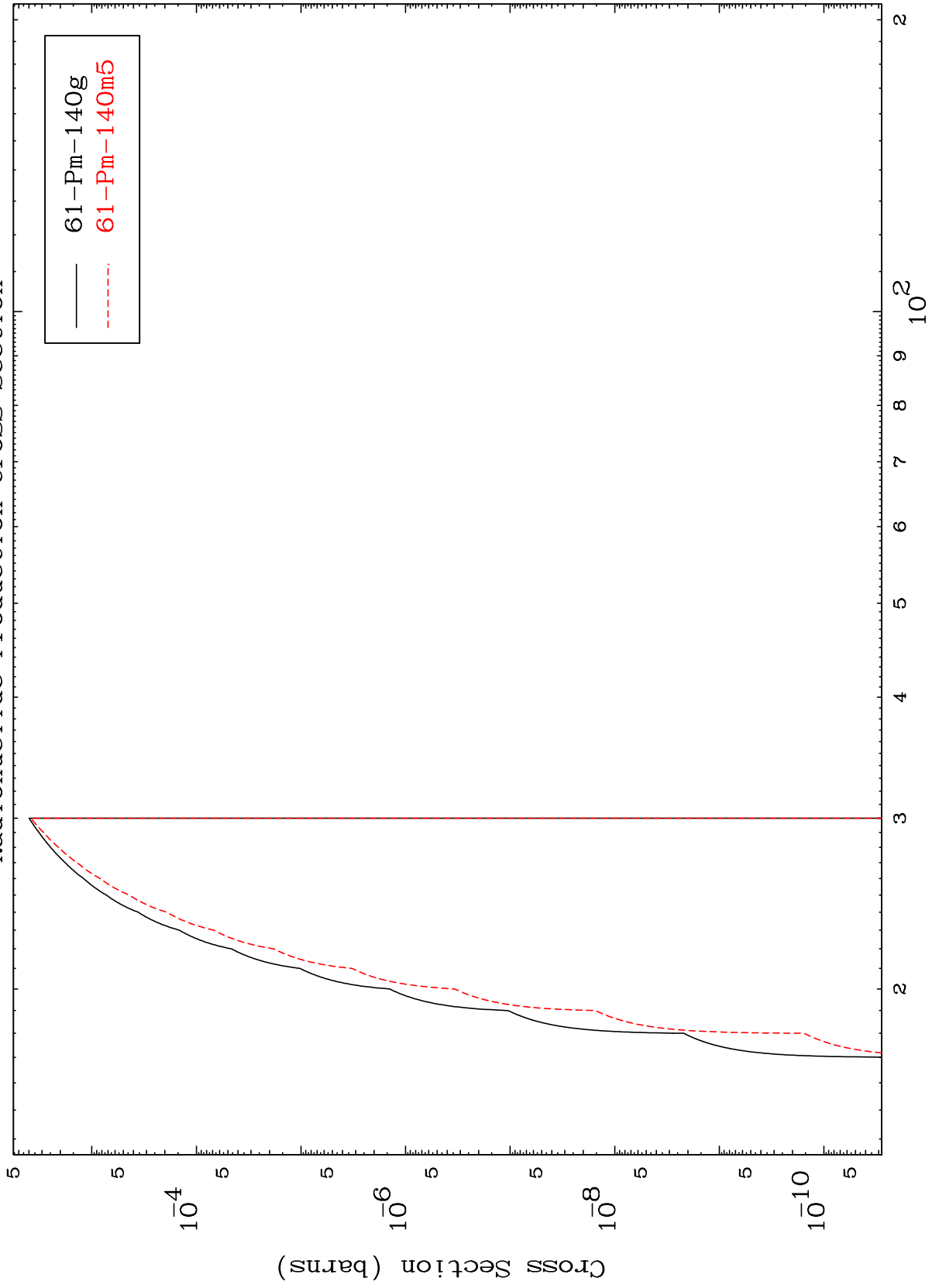


MAT 6219

(n,n') d

62-Sm-142

Radionuclide Production Cross Section



127

Incident Energy (MeV)

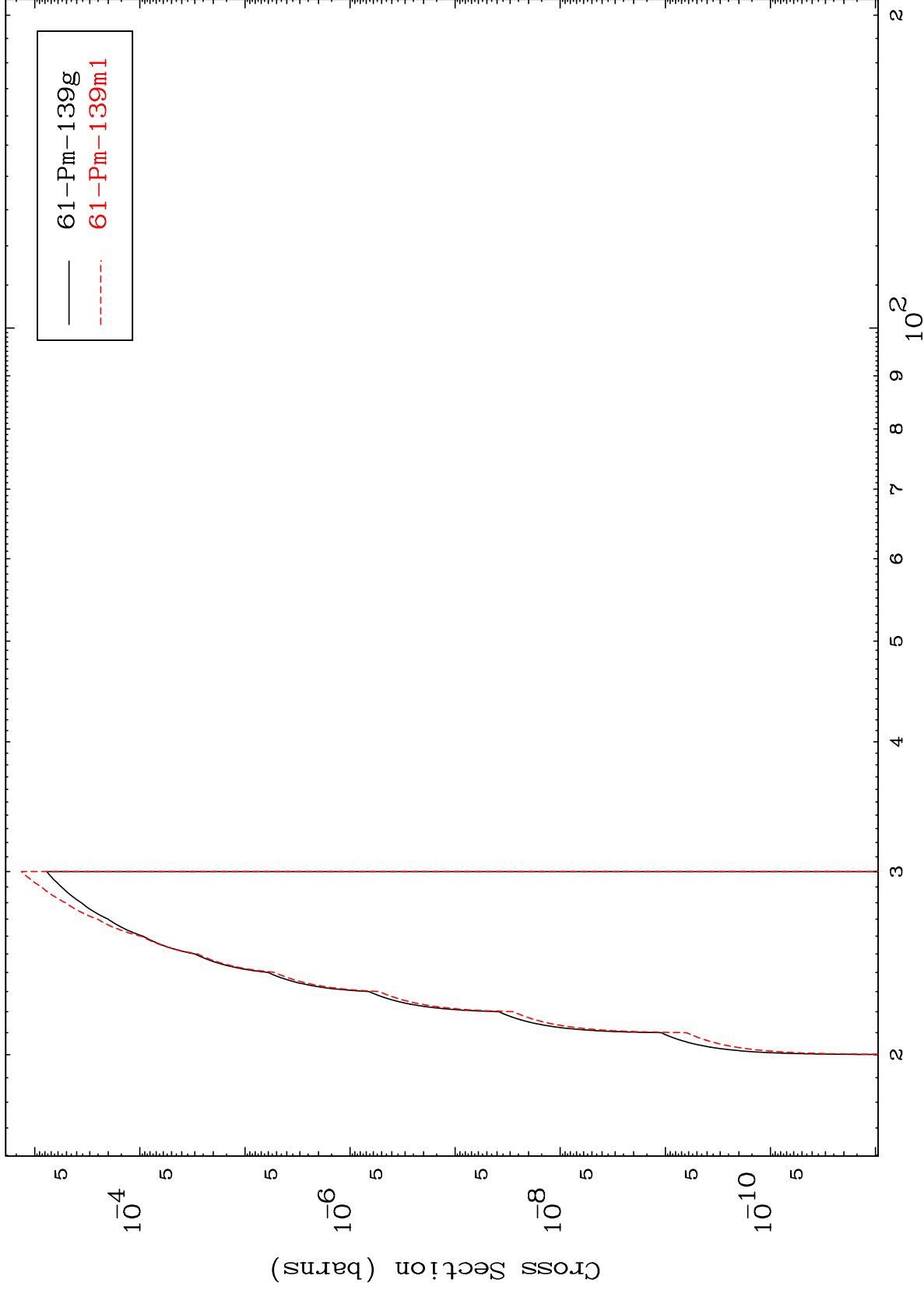
62-Sm-142

MAT 6219

(n,n') t

62-Sm-142

Radionuclide Production Cross Section



128

Incident Energy (MeV)

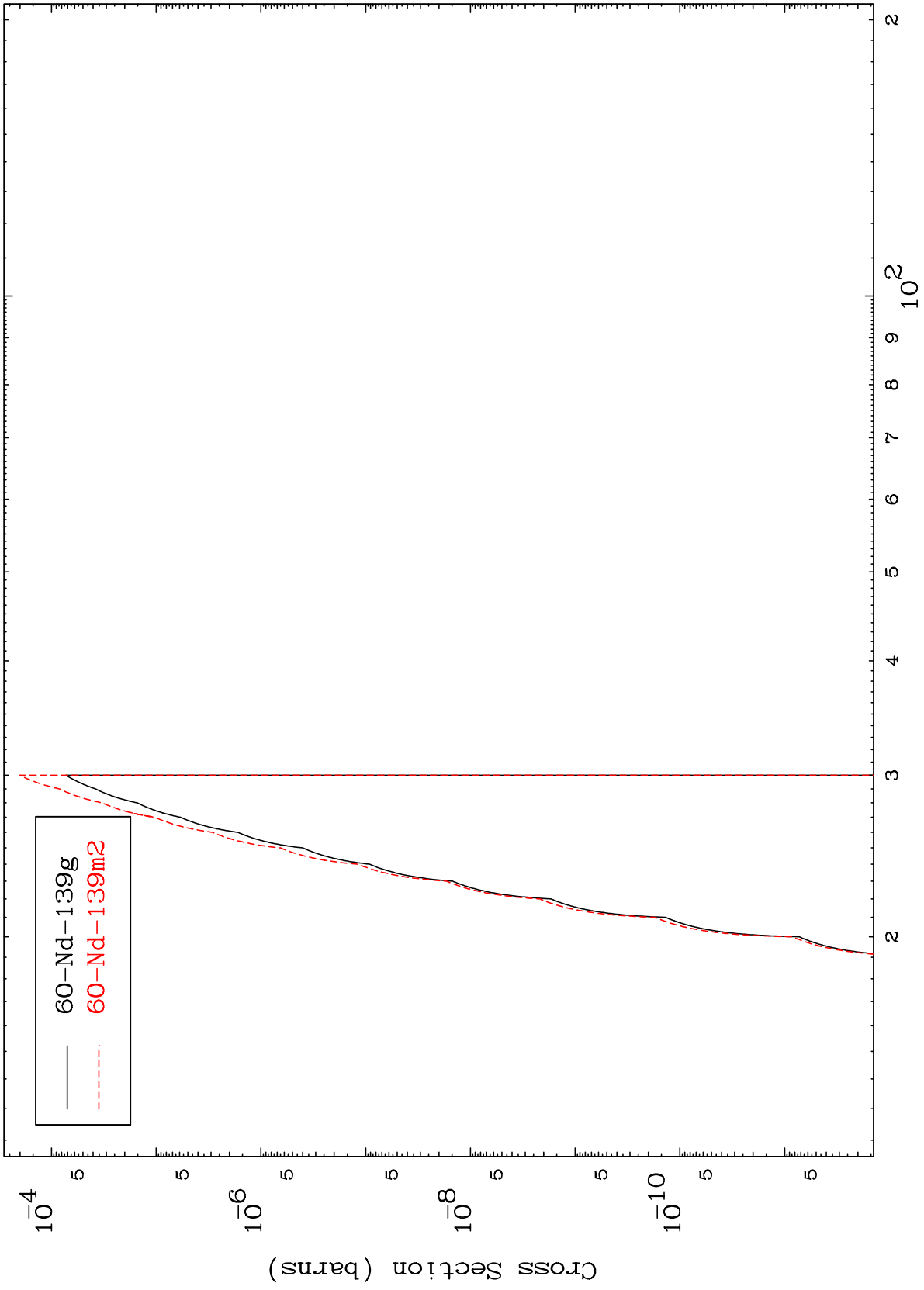
62-Sm-142

MAT 6219

(n, n') He-3

62-Sm-142

Radionuclide Production Cross Section



129

Incident Energy (MeV)

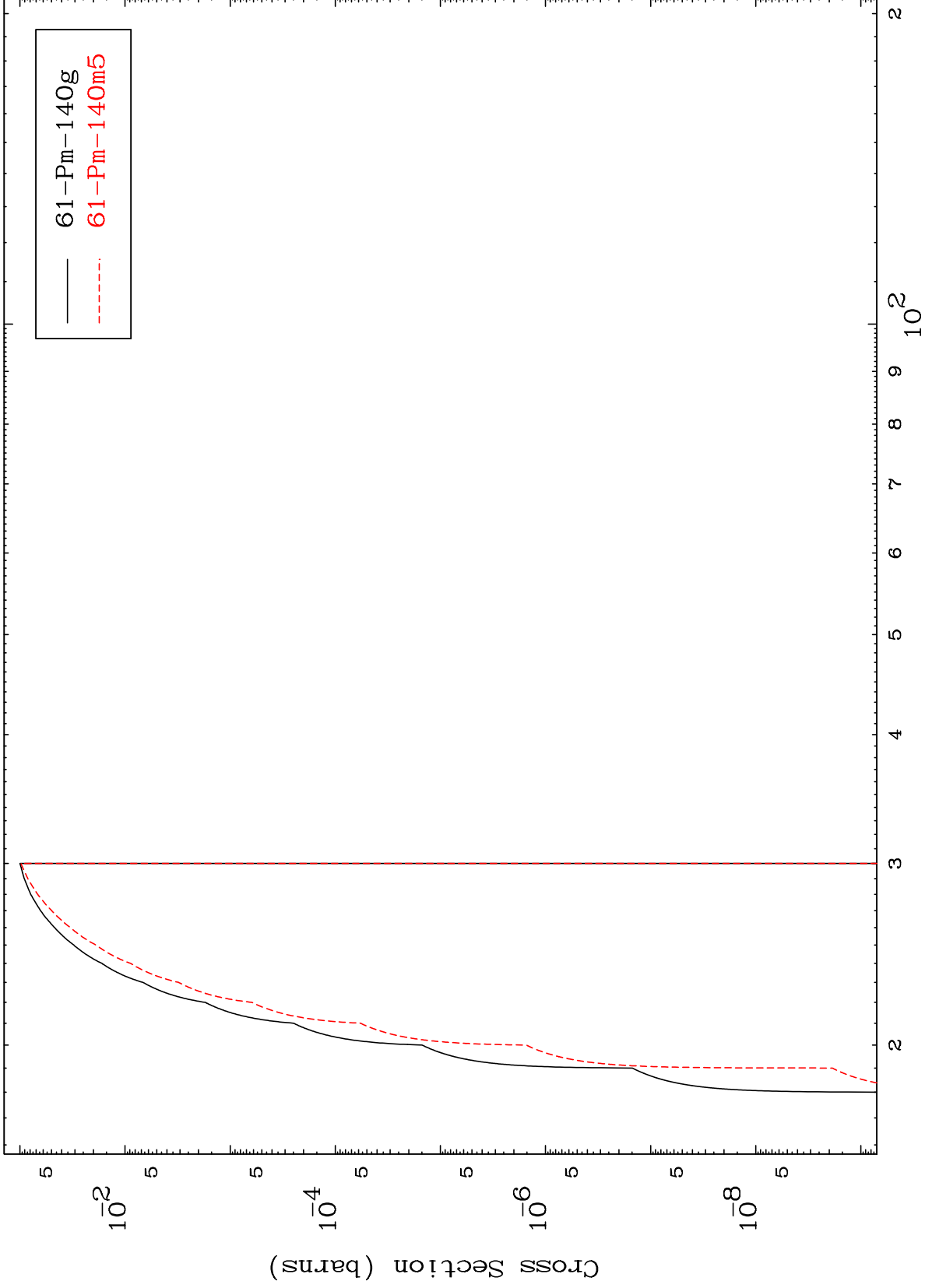
62-Sm-142

MAT 6219

(n,2n) p

62-Sm-142

Radionuclide Production Cross Section



130

Incident Energy (MeV)

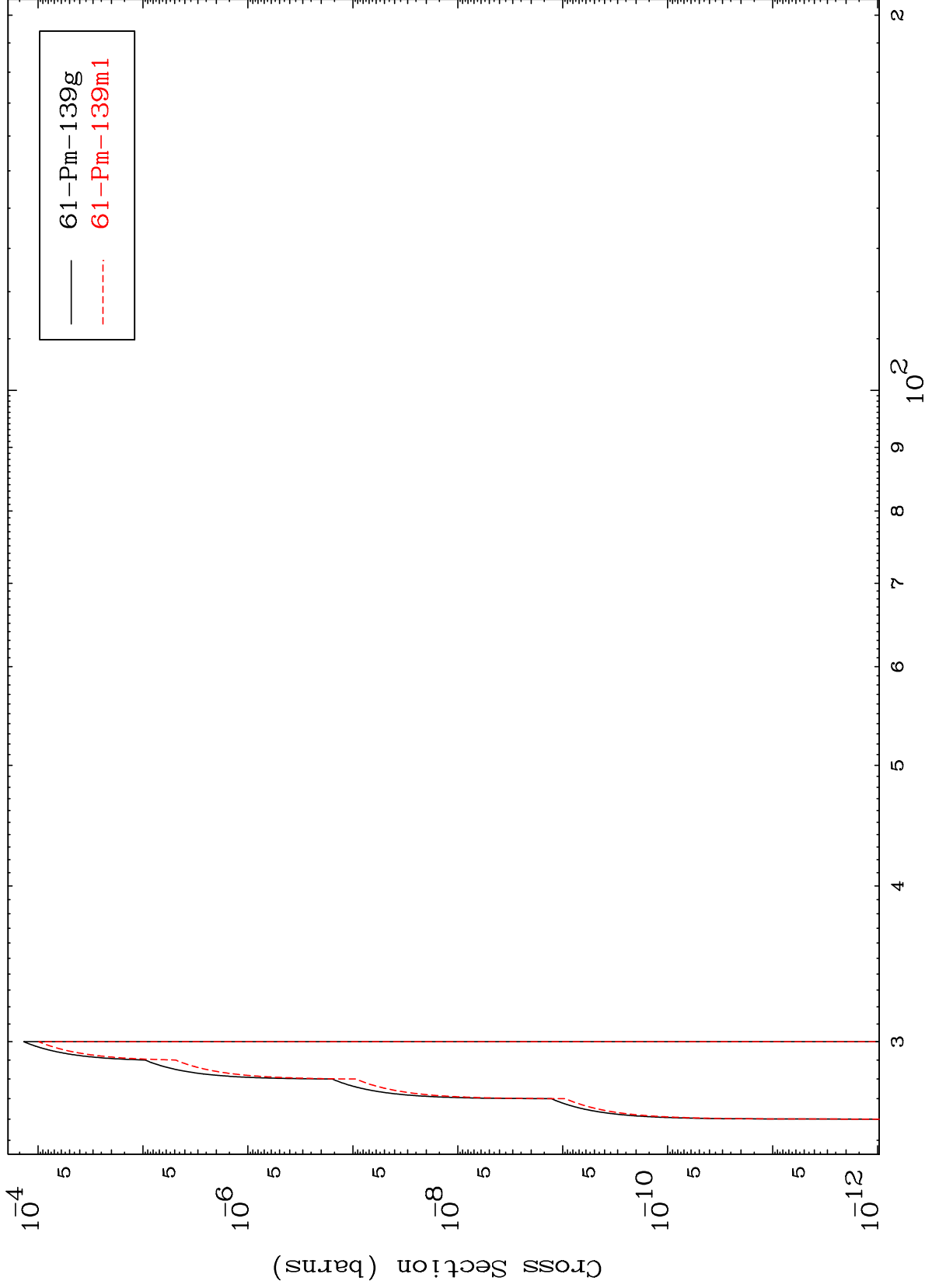
62-Sm-142

MAT 6219

(n,3n) p

62-Sm-142

Radionuclide Production Cross Section



131

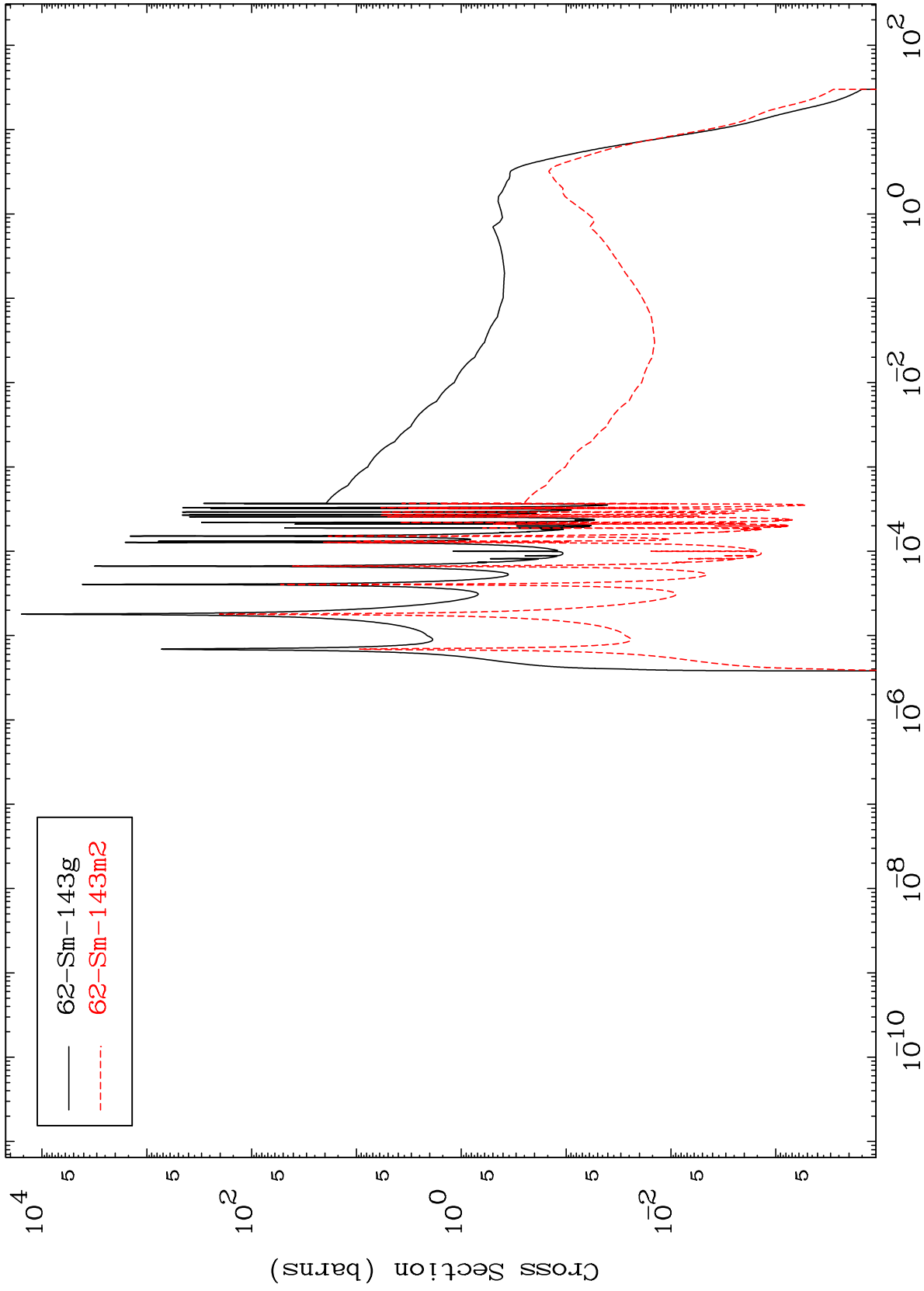
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

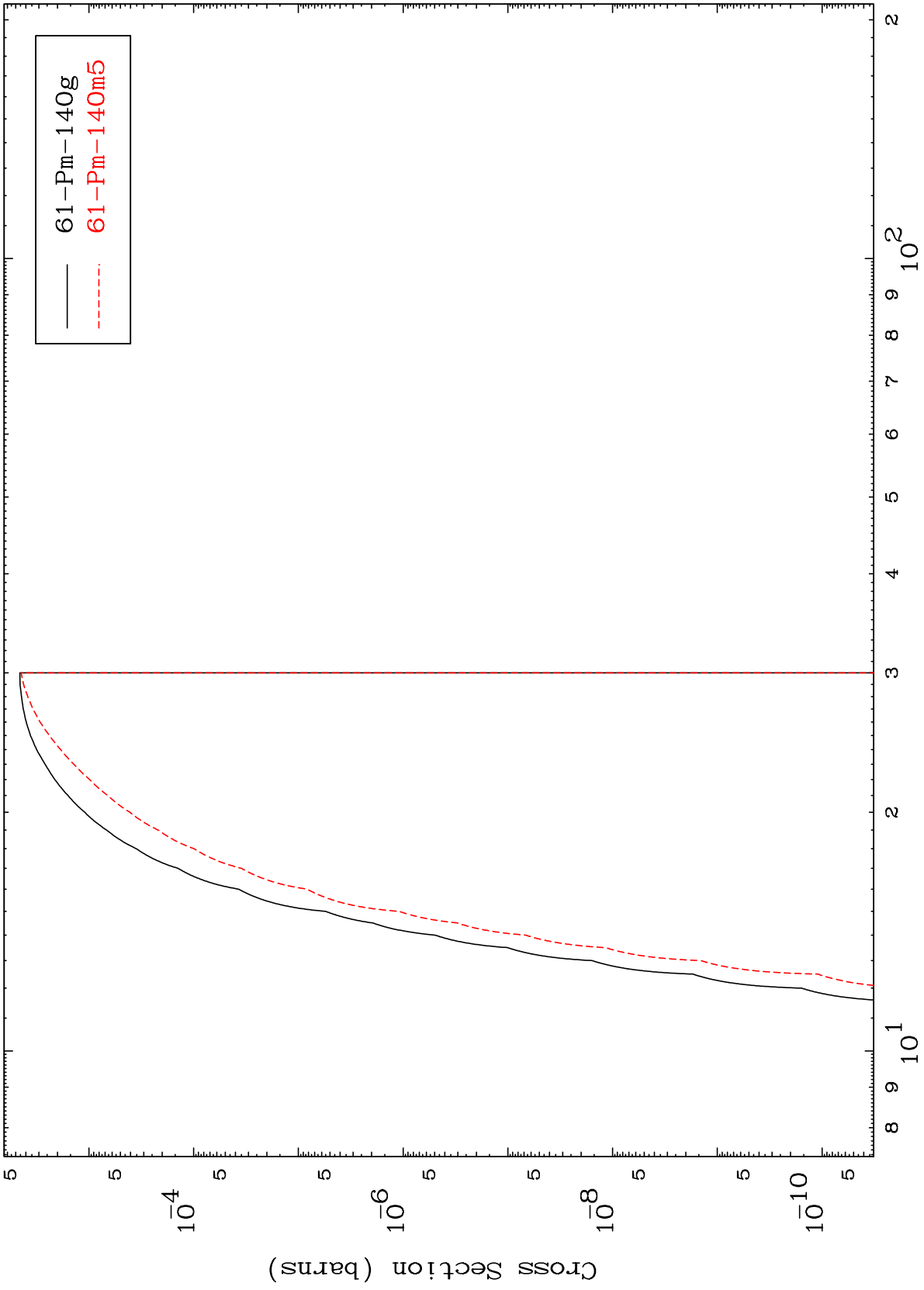
Radionuclide Production Cross Section (n,γ)



MAT 6219

62-Sm-142

(n, t)
Radionuclide Production Cross Section



133

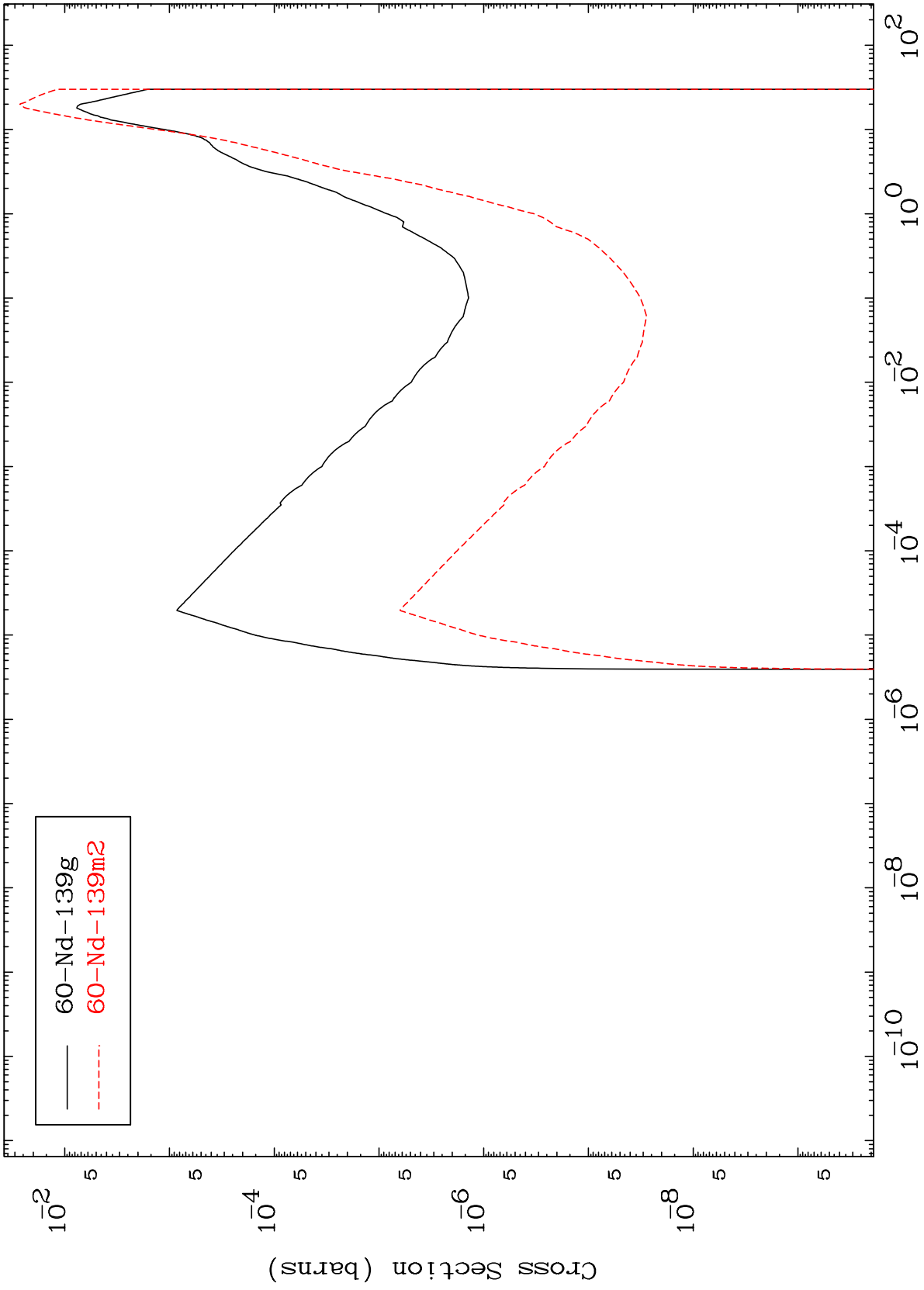
Incident Energy (MeV)

62-Sm-142

MAT 6219

(n, α)
Radionuclide Production Cross Section

62-Sm-142



134

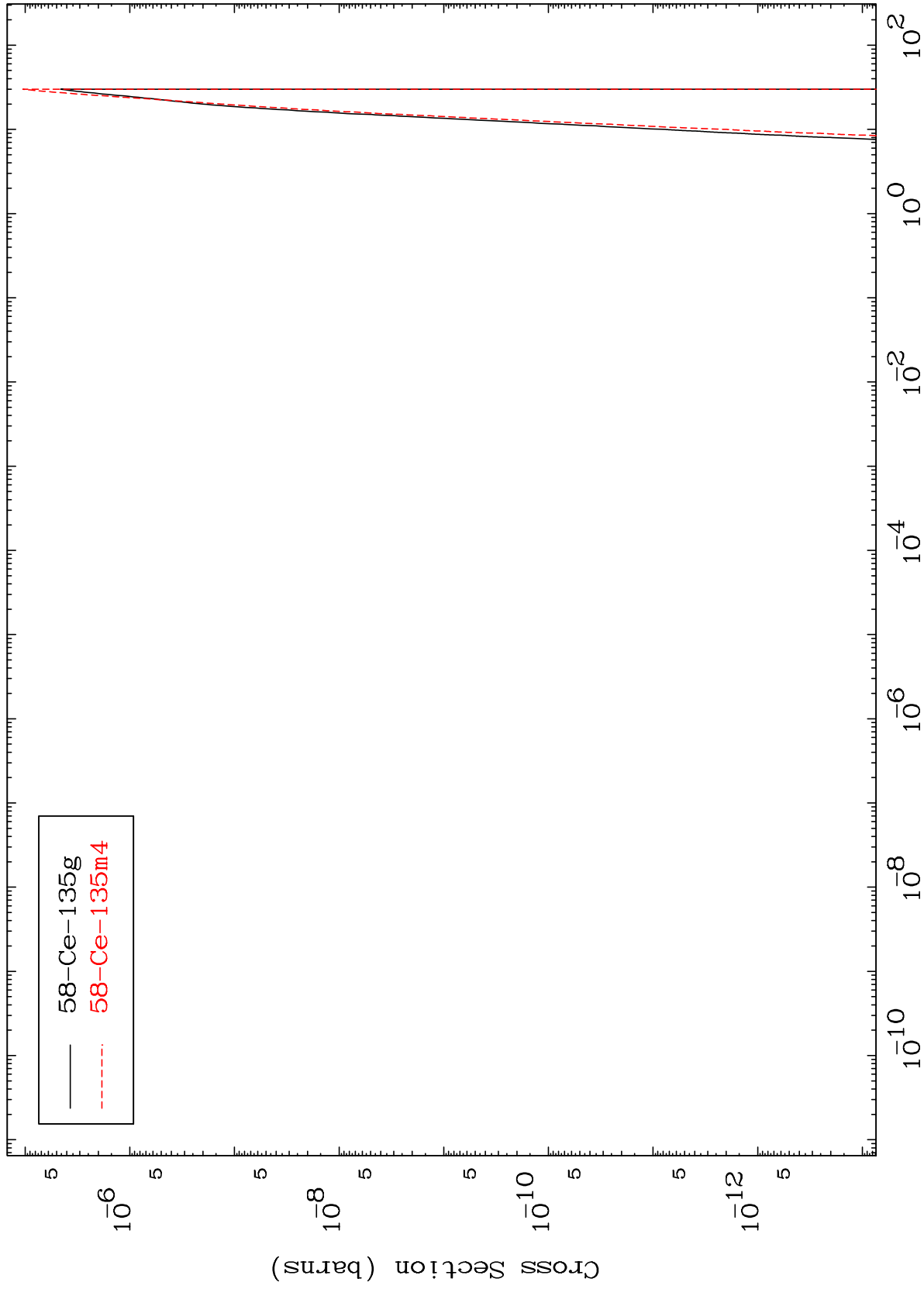
Incident Energy (MeV)

62-Sm-142

MAT 6219

Radionuclide Production Cross Section
(n,2α)

62-Sm-142



135

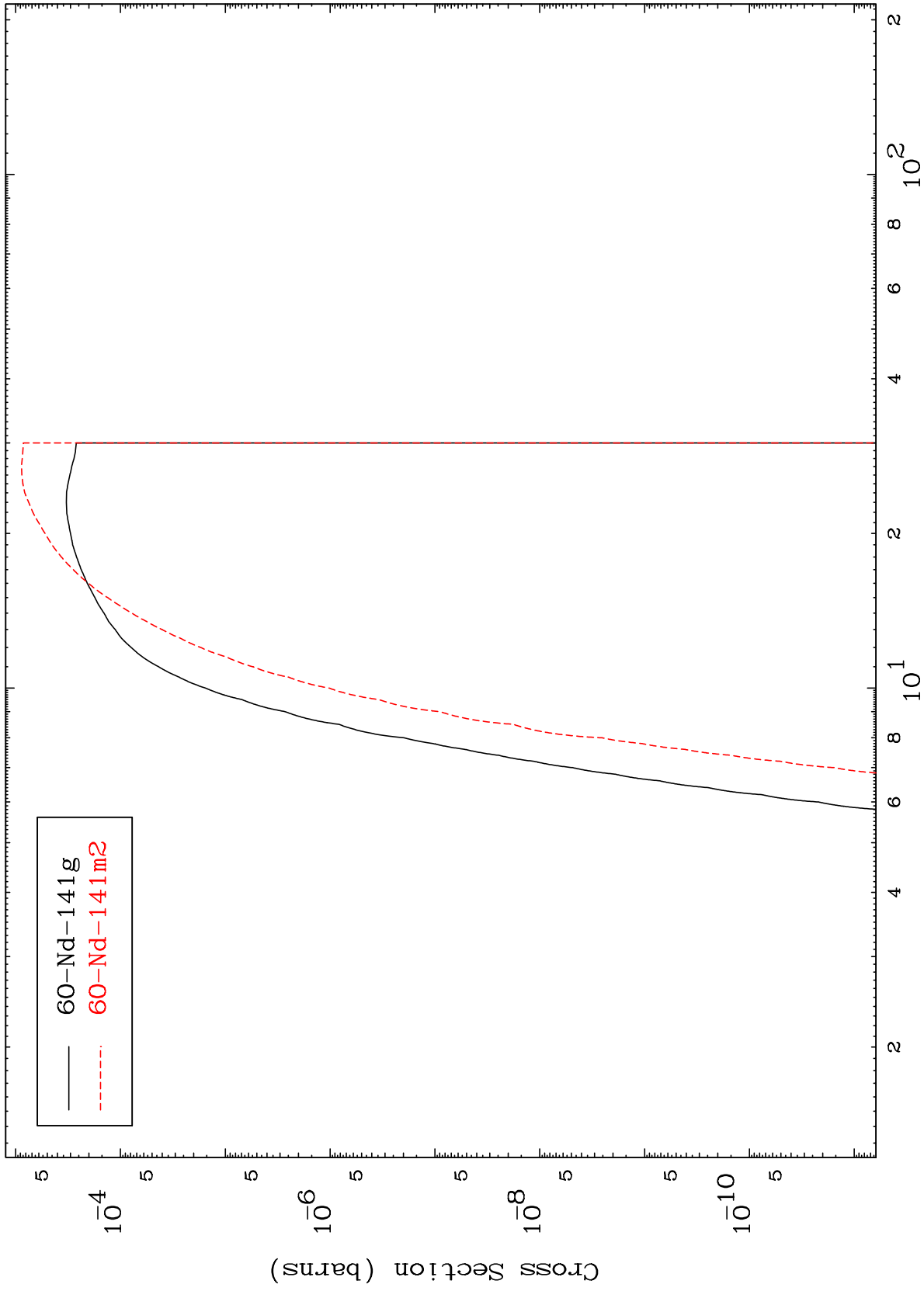
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

(n,2p)
Radionuclide Production Cross Section



136

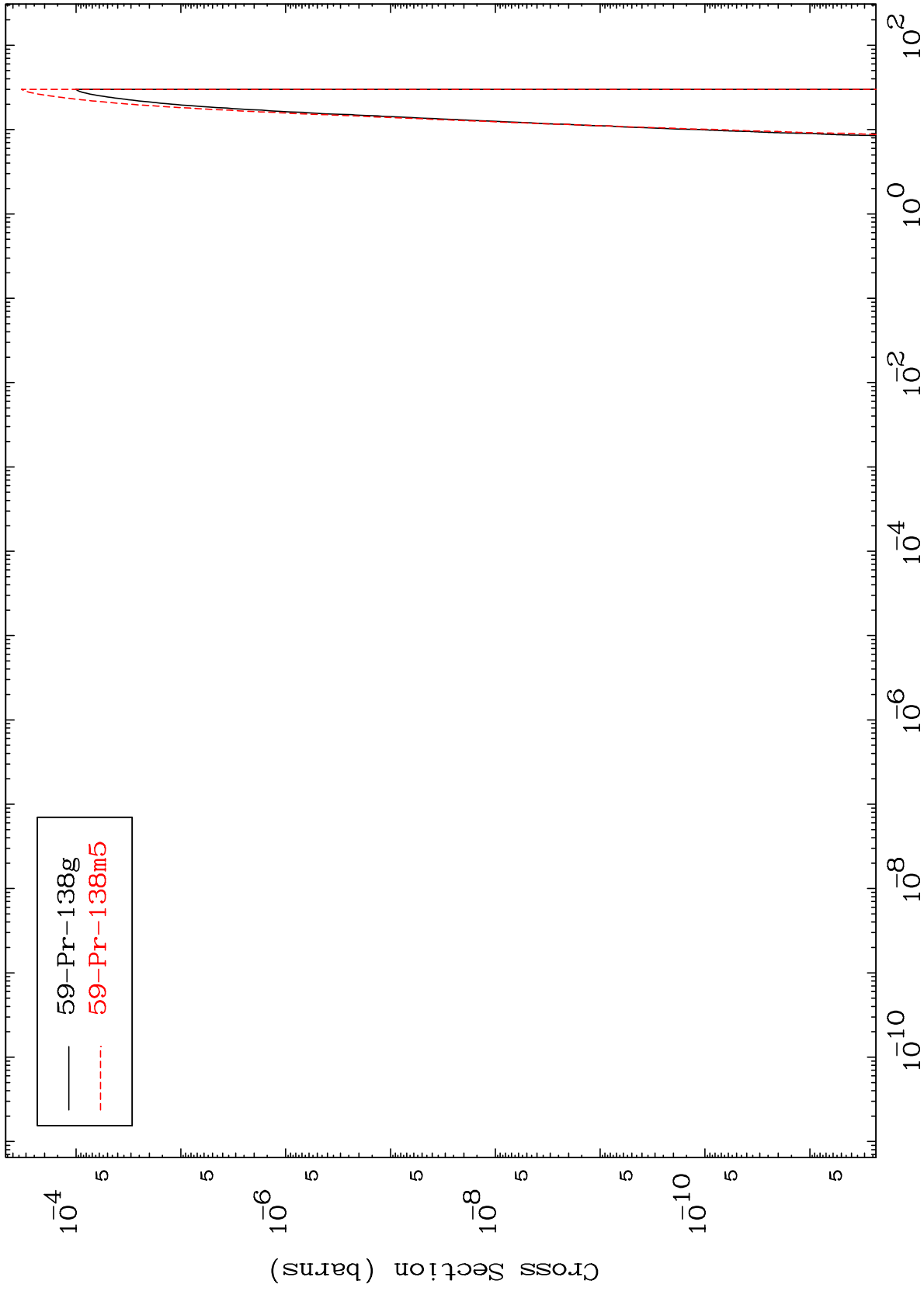
62-Sm-142

MAT 6219

(n,p) α

62-Sm-142

Radionuclide Production Cross Section



137

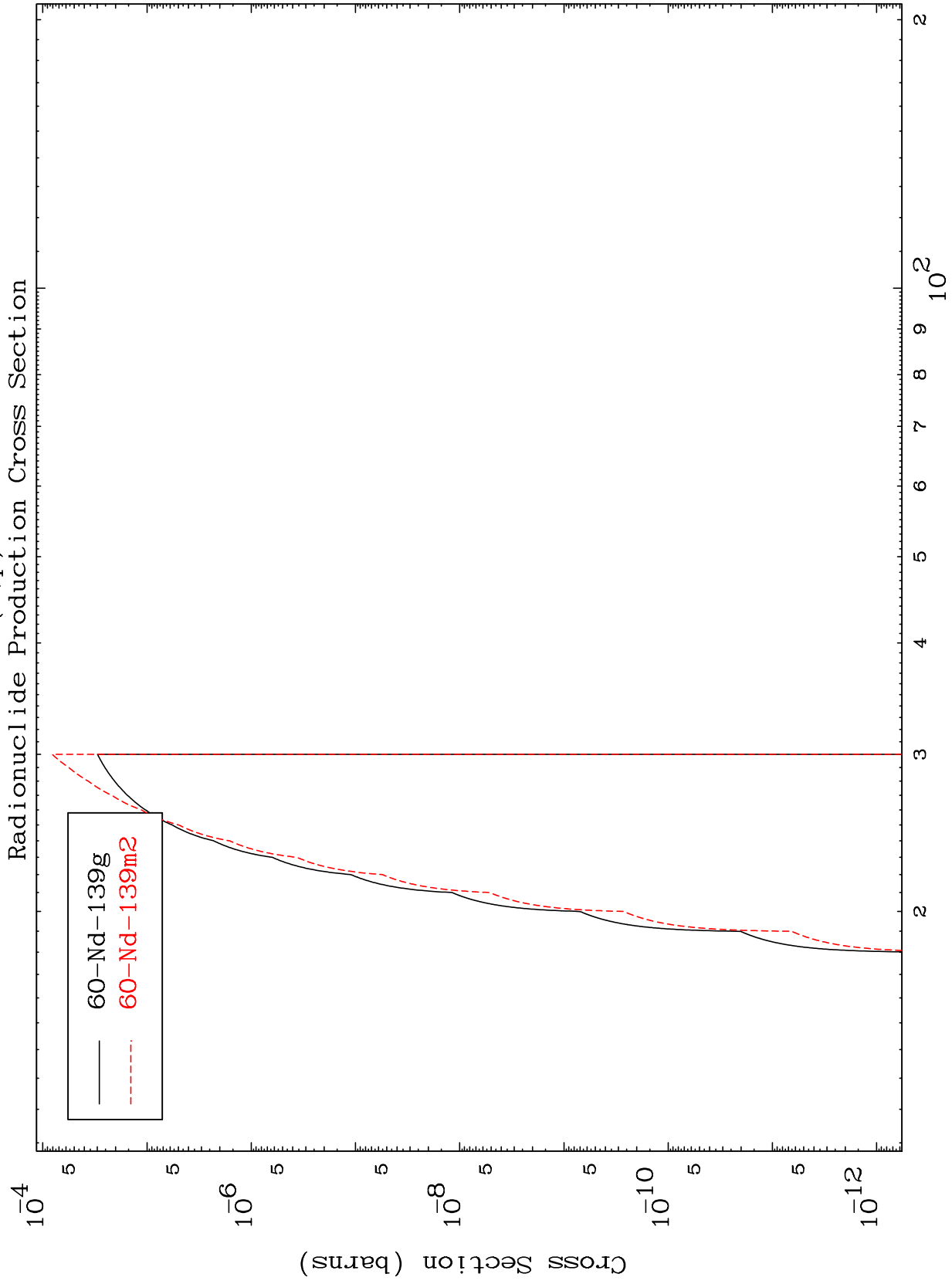
Incident Energy (MeV)

62-Sm-142

MAT 6219

(n,p) t

62-Sm-142



60-Nd-139g
60-Nd-139m2