

Program EVALPLOT
(Version 2018-1)

by

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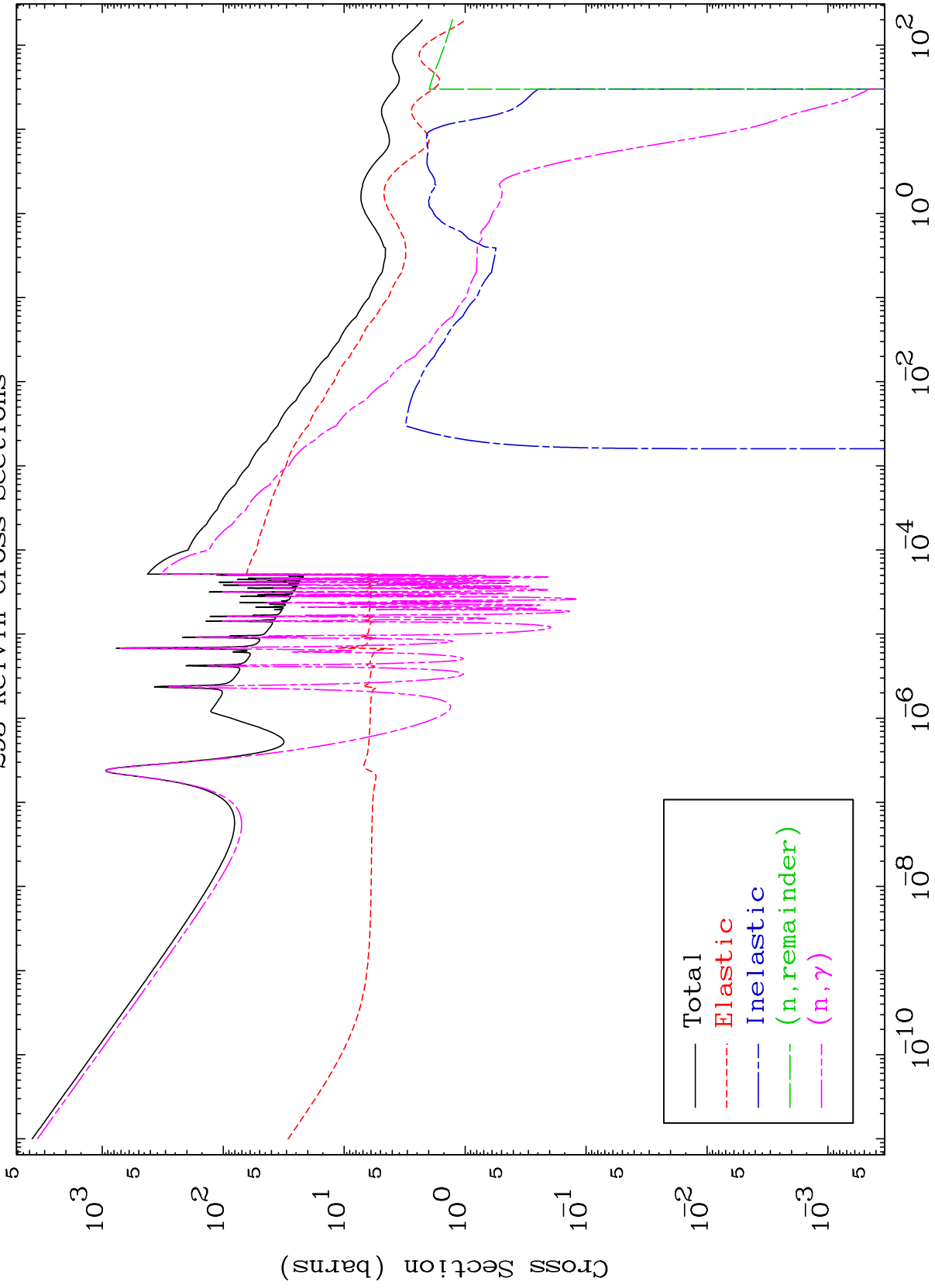
Press Mouse Button to Start

MAT 6216

Major

293 Kelvin Cross Sections

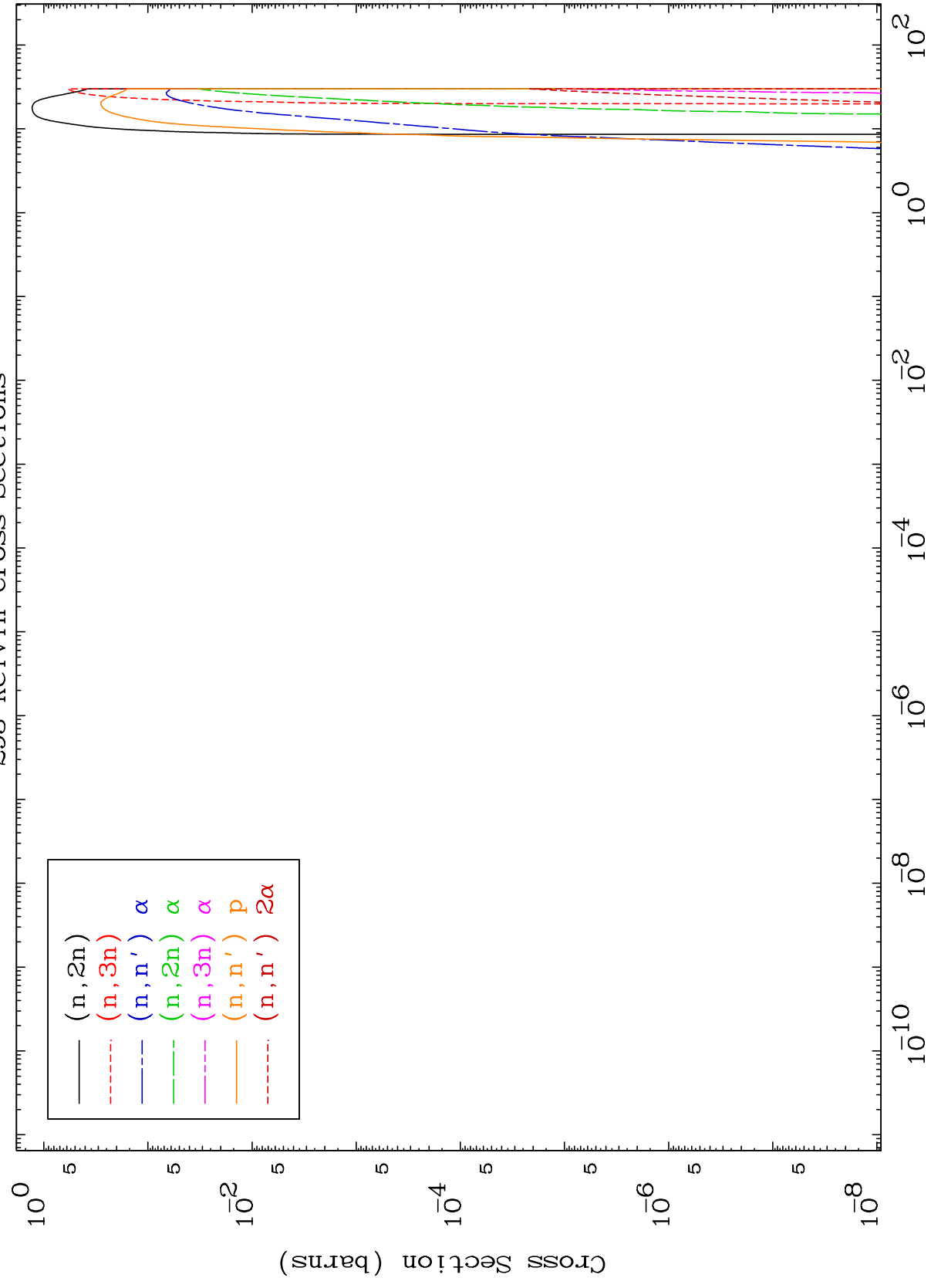
62-Sm-141



MAT 6216

Neutron Production
293 Kelvin Cross Sections

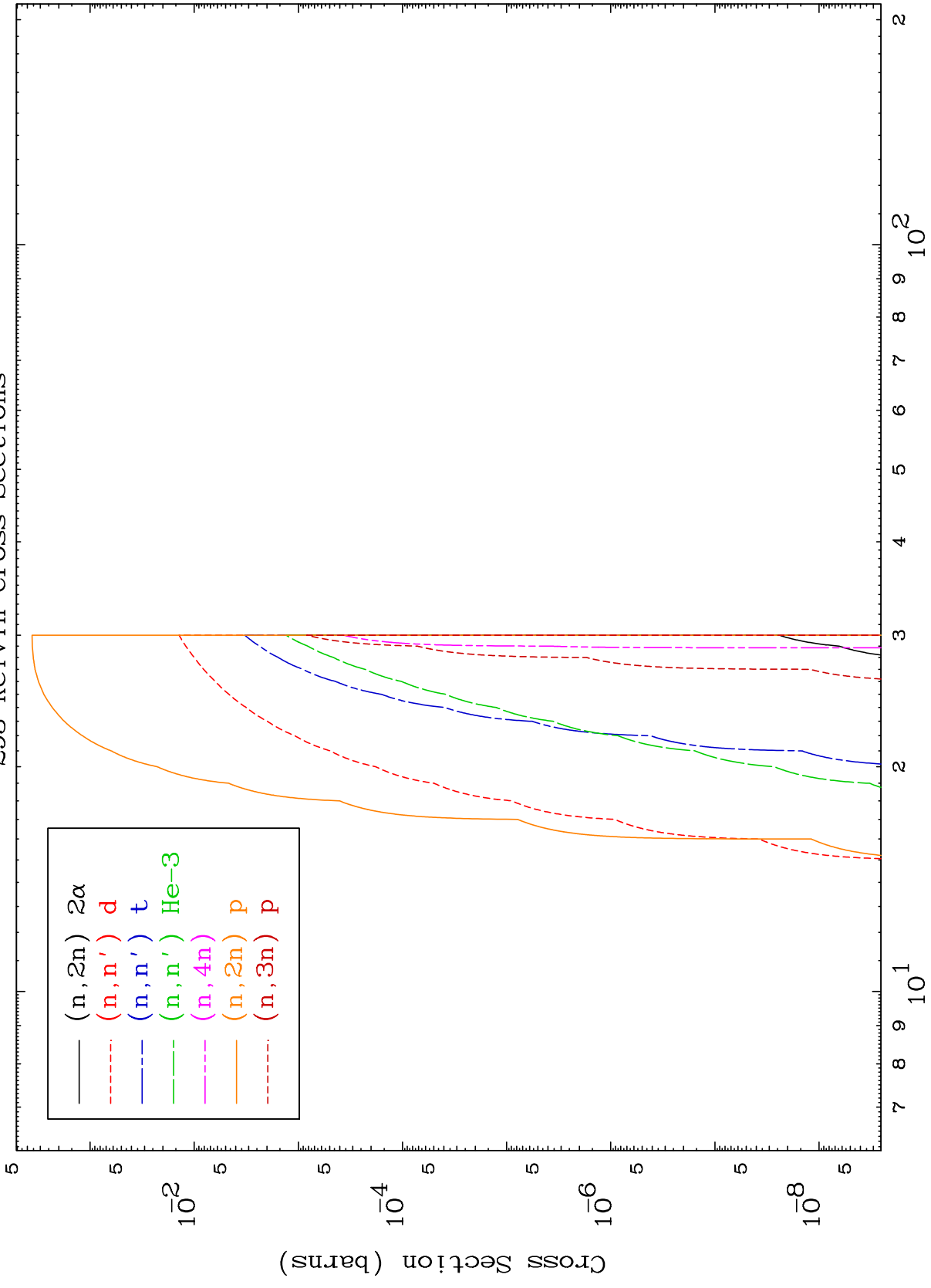
62-Sm-141



MAT 6216

Neutron Production
293 Kelvin Cross Sections

62-Sm-141



3

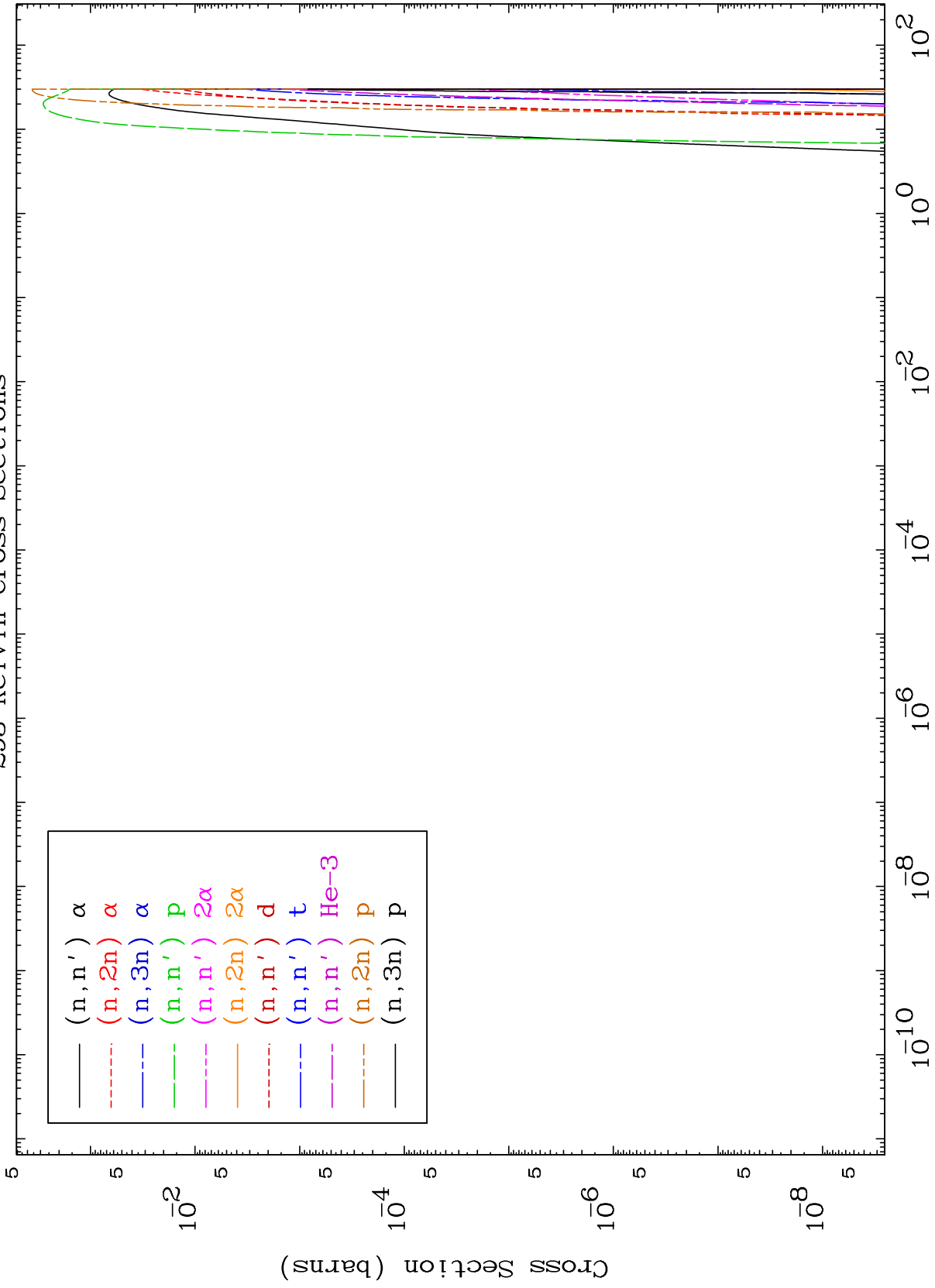
Incident Energy (MeV)

62-Sm-141

MAT 6216

293 Kelvin Cross Sections

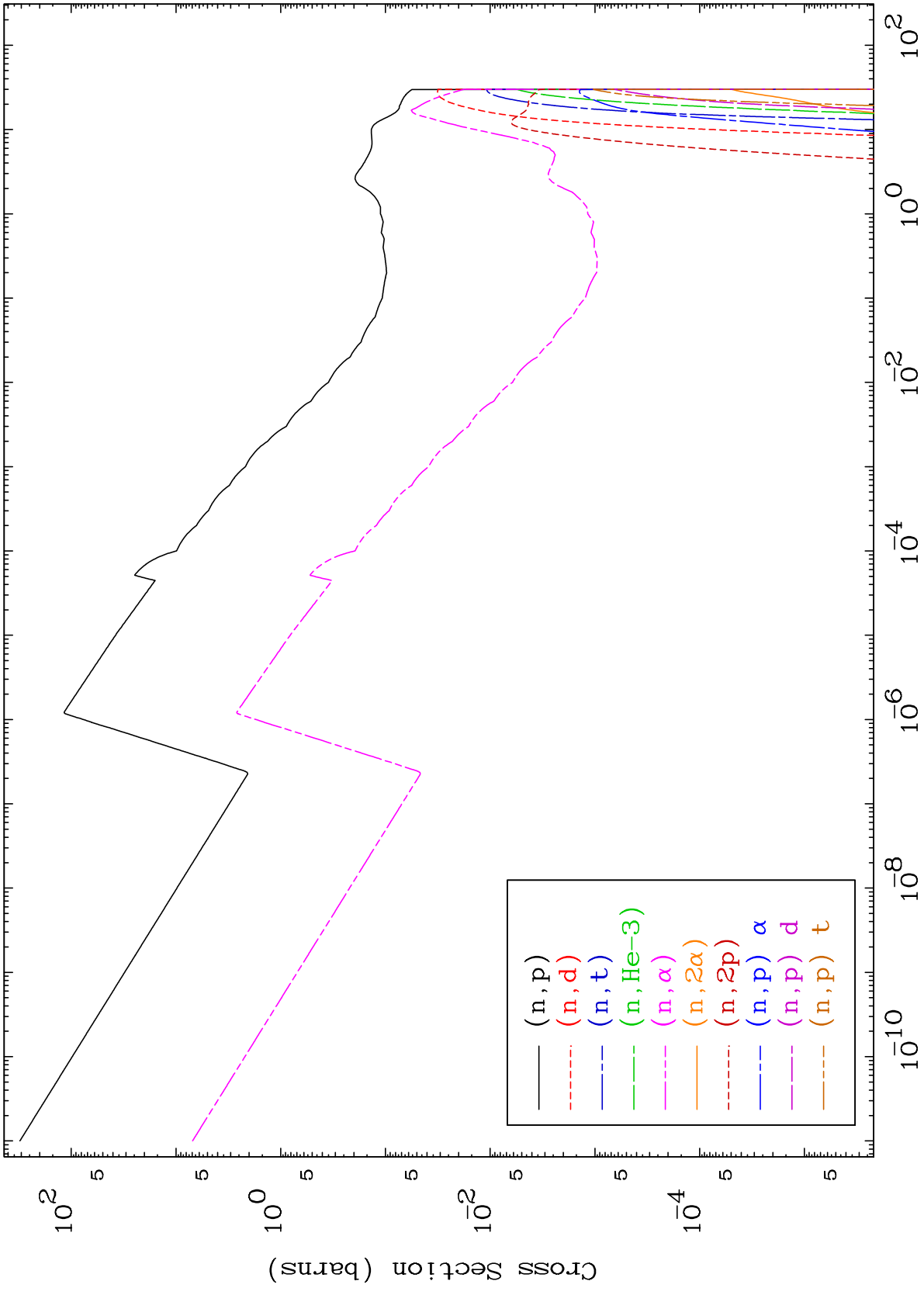
62-Sm-141



MAT 6216

Charged Particle
293 Kelvin Cross Sections

62-Sm-141

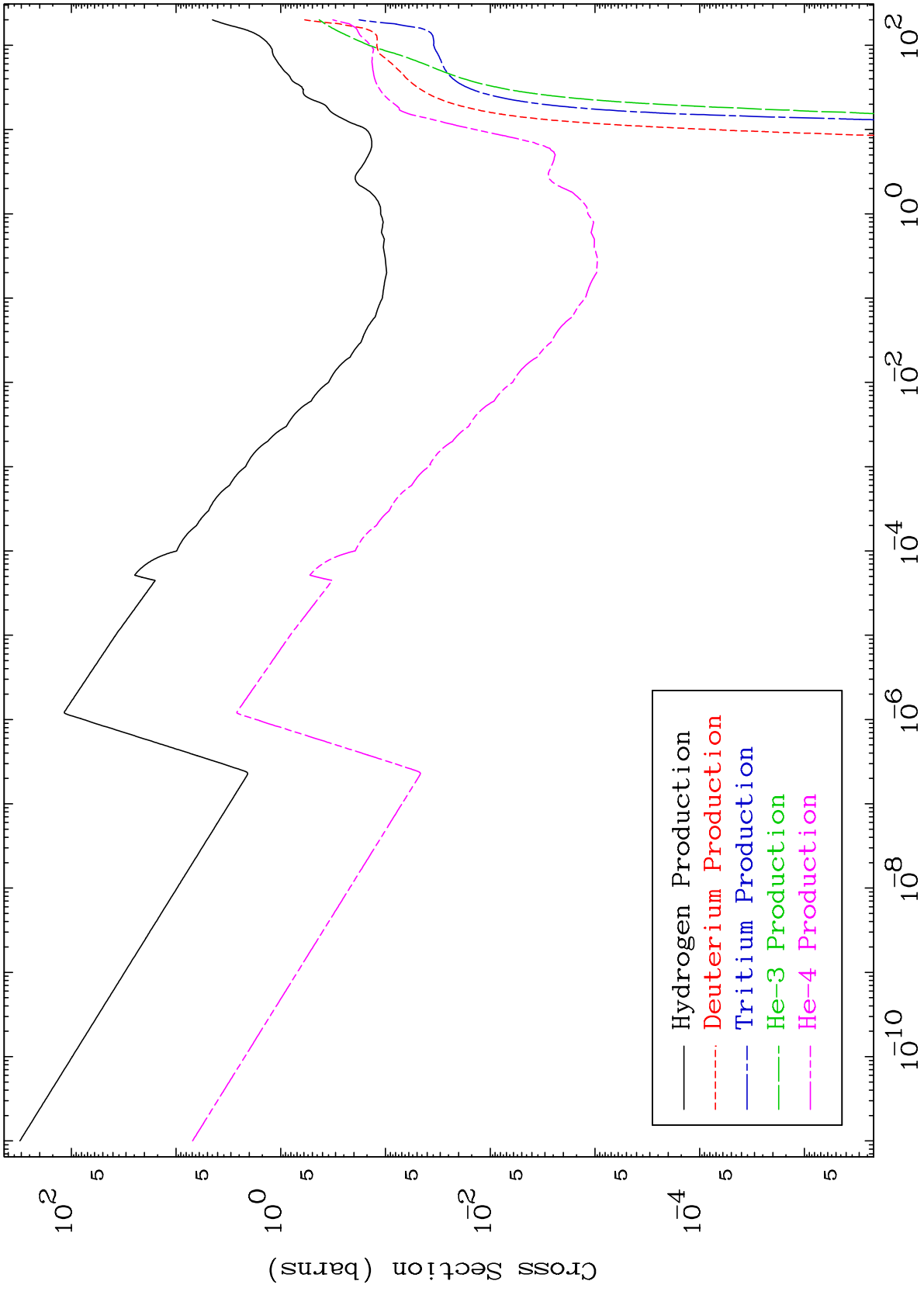


62-Sm-141

MAT 6216

Particle Production
293 Kelvin Cross Sections

62-Sm-141

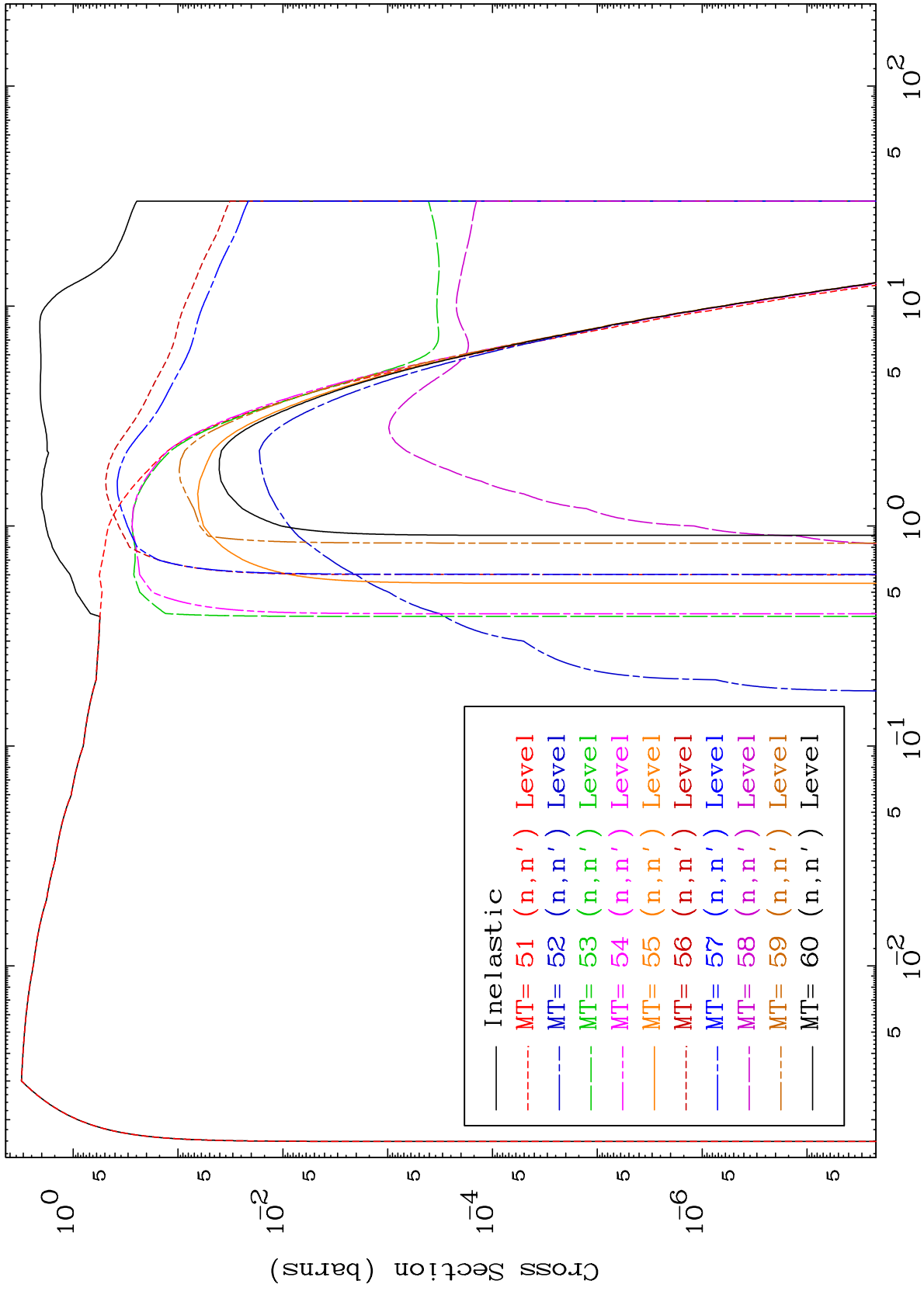


62-Sm-141

MAT 6216

62-Sm-141

(n,n') Level
293 Kelvin Cross Sections

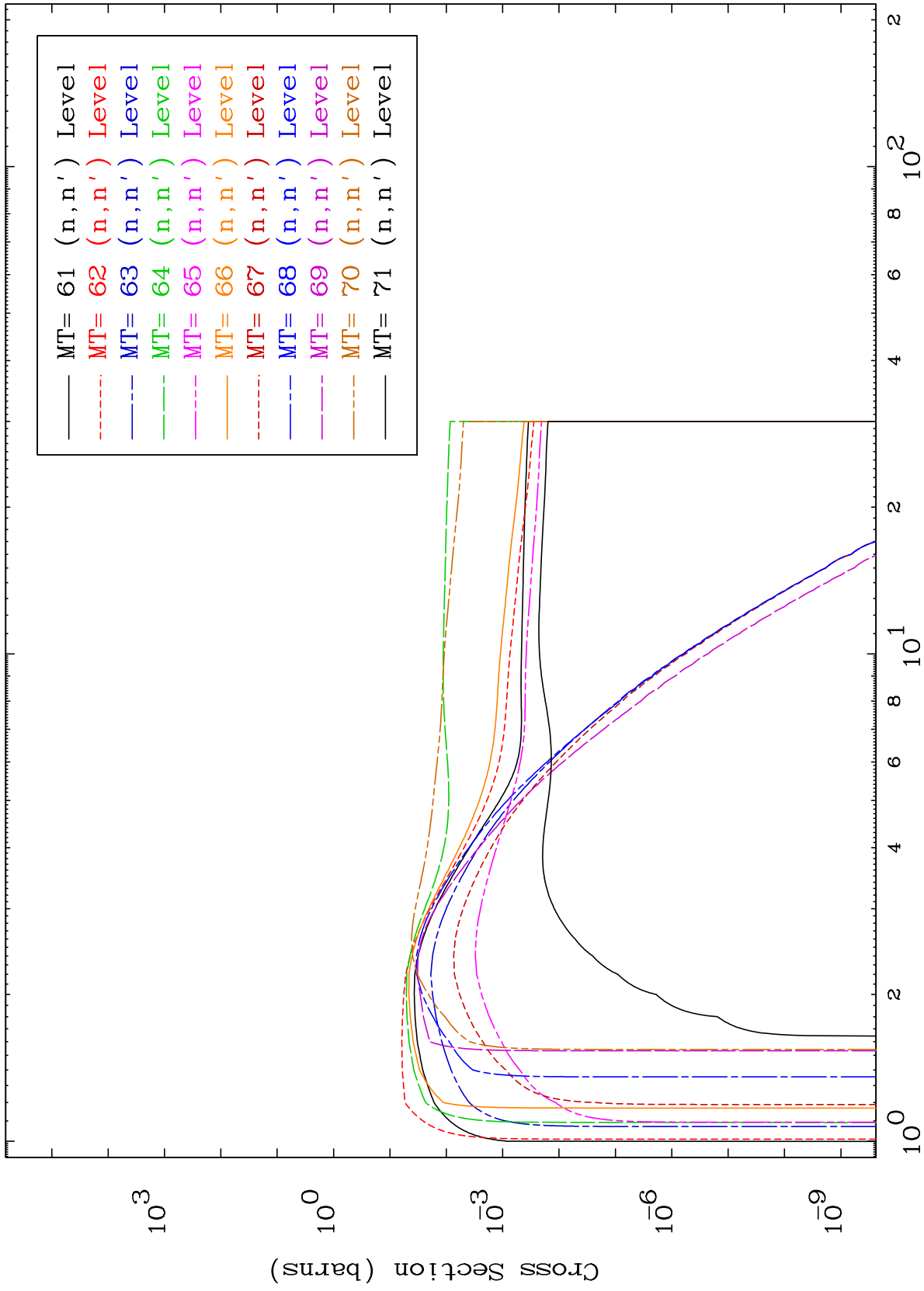


MAT 6216

(n,n') Level

62-Sm-141

293 Kelvin Cross Sections



Incident Energy (MeV)

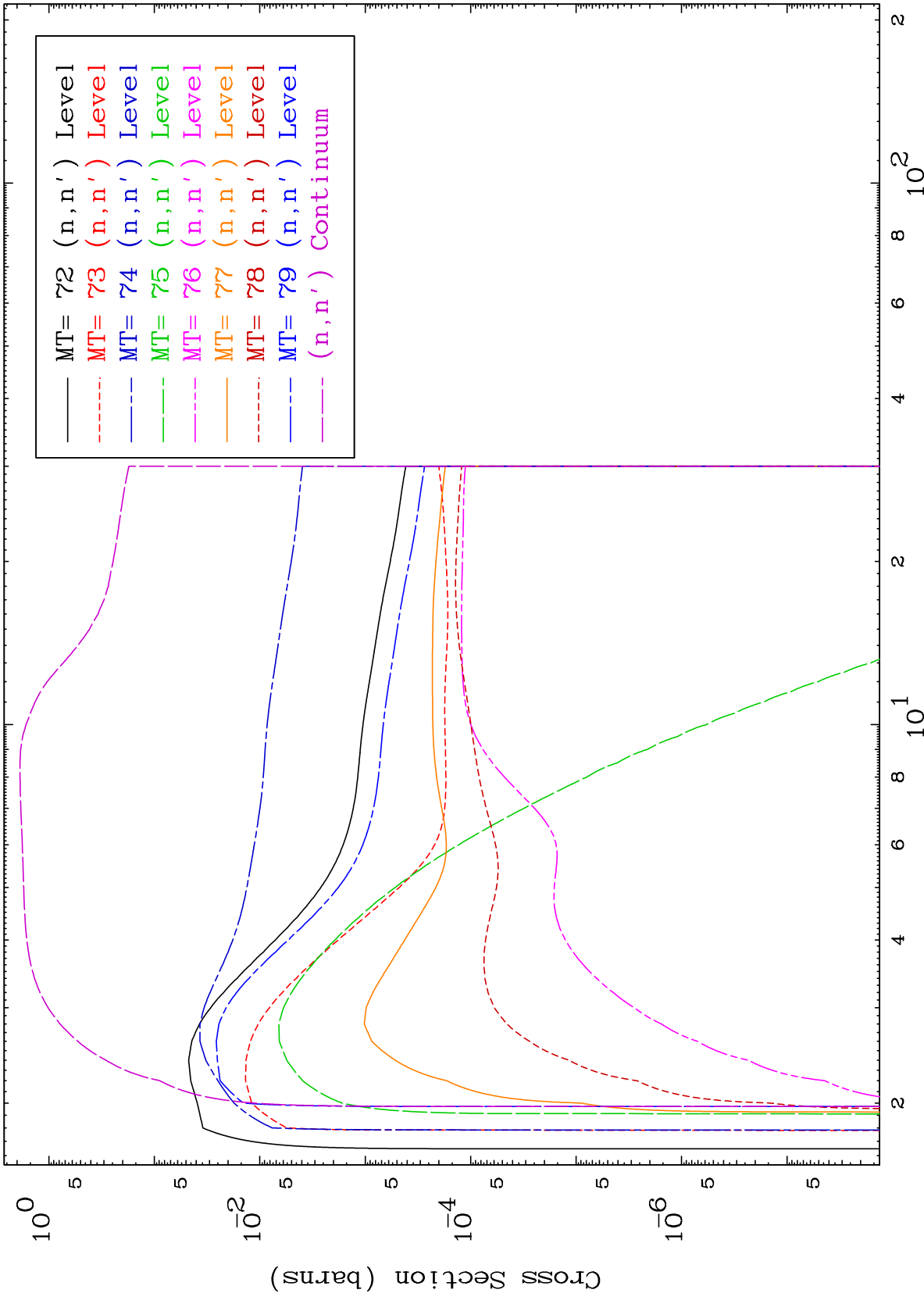
62-Sm-141

MAT 6216

(n,n') Level

62-Sm-141

293 Kelvin Cross Sections



9

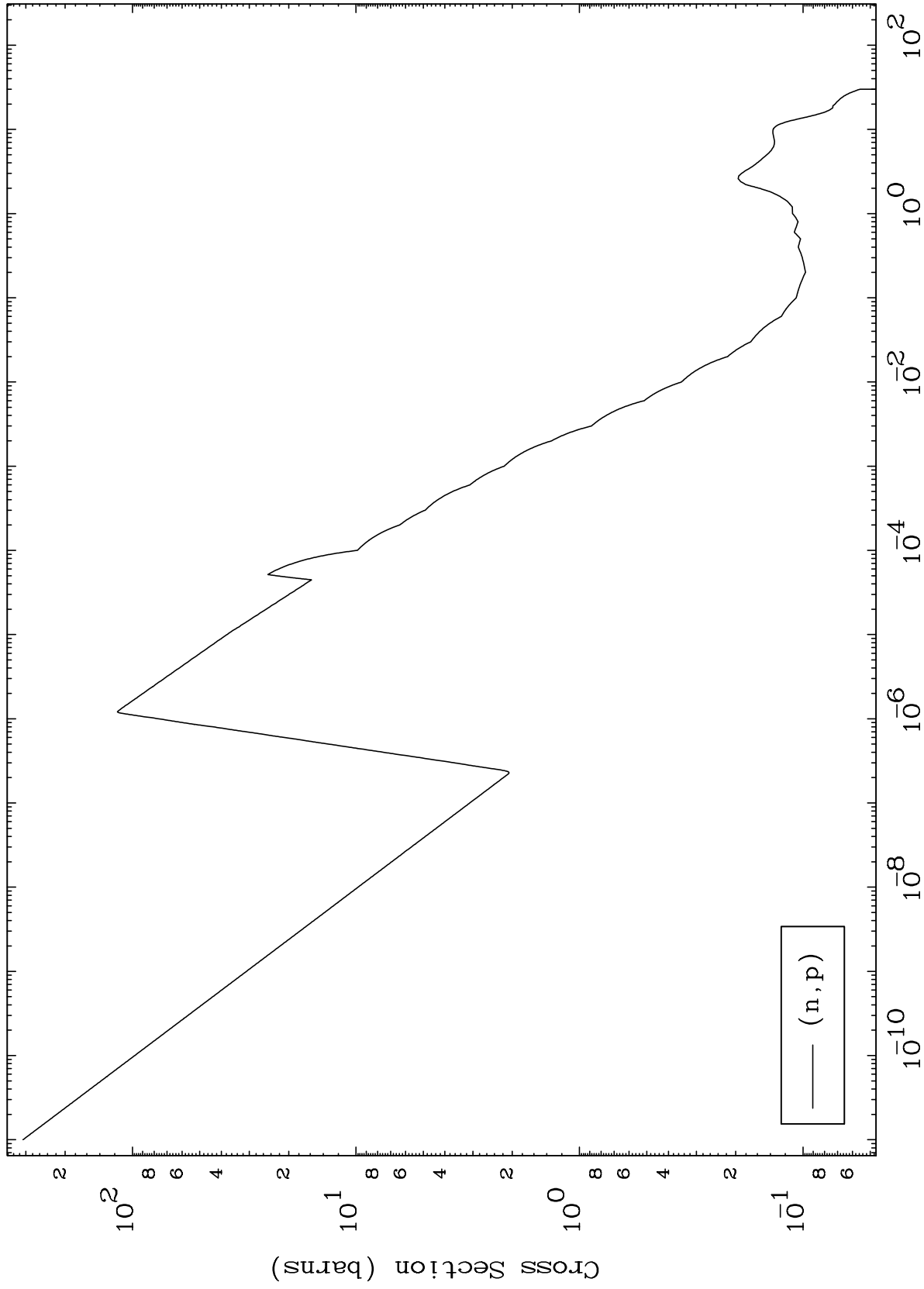
Incident Energy (MeV)

62-Sm-141

MAT 6216

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-141



10

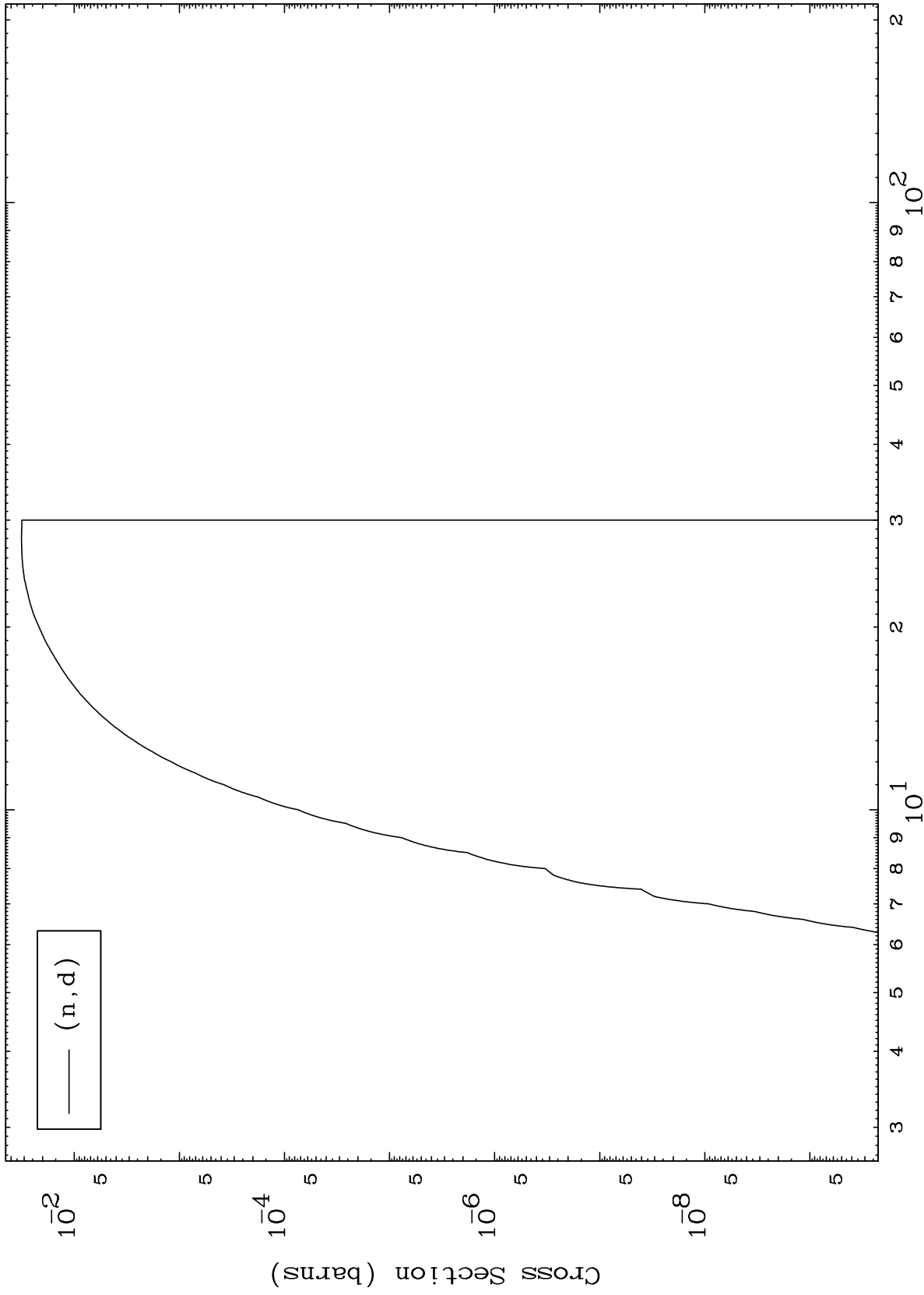
Incident Energy (MeV)

62-Sm-141

MAT 6216

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-141



11

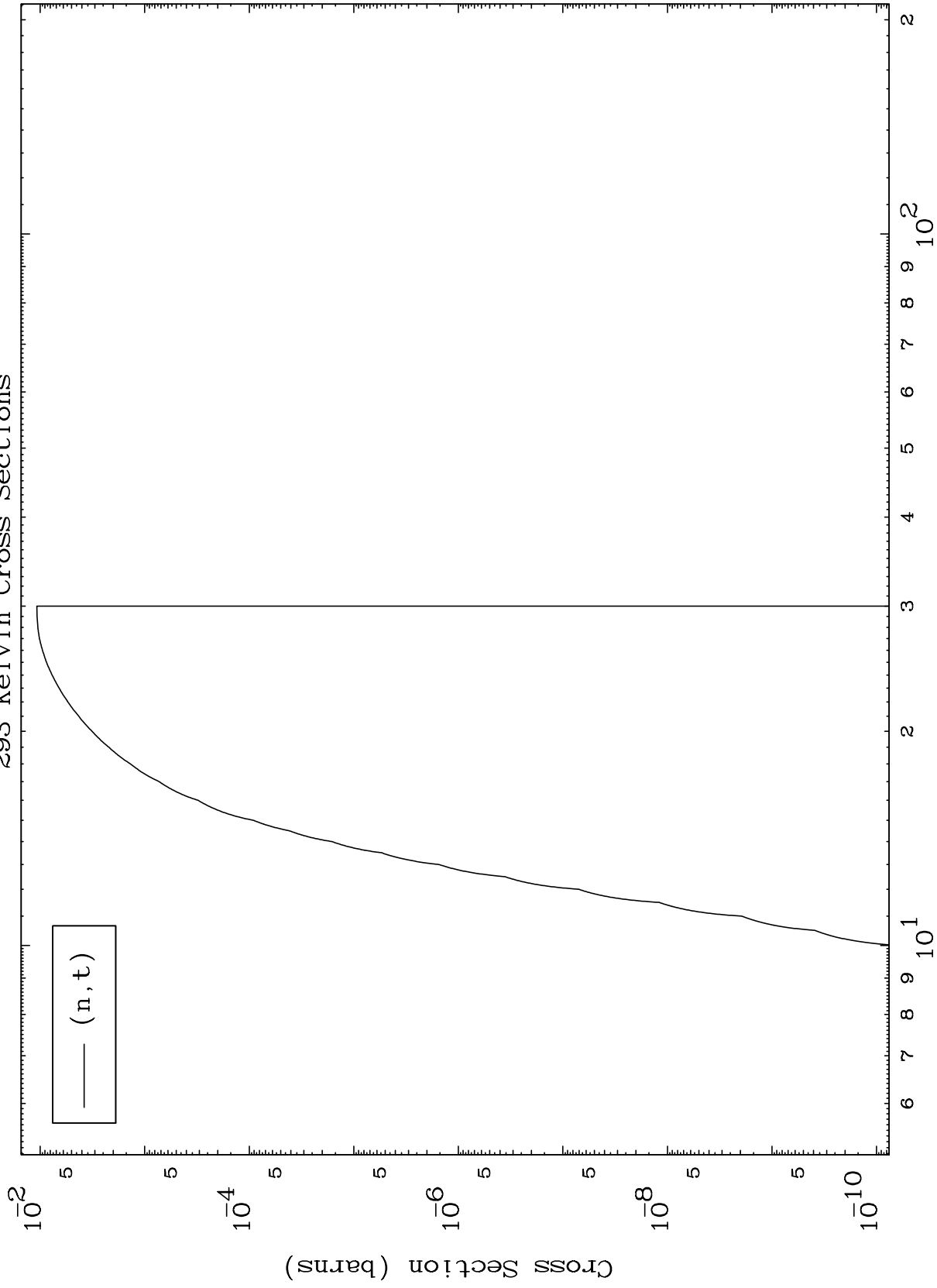
Incident Energy (MeV)

62-Sm-141

MAT 6216

62-Sm-141

(n,t) Levels
293 Kelvin Cross Sections



12

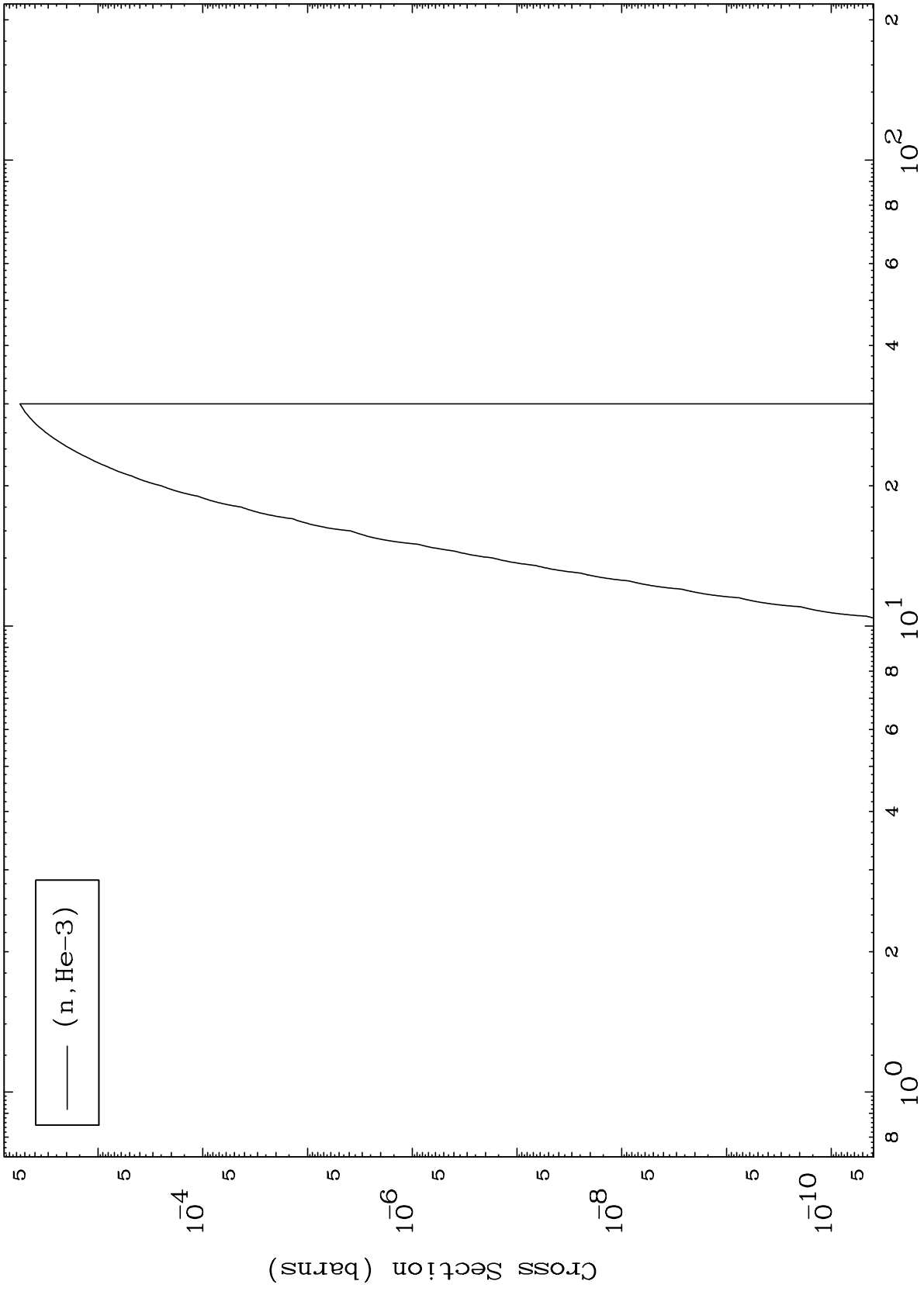
Incident Energy (MeV)

62-Sm-141

MAT 6216

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-141



13

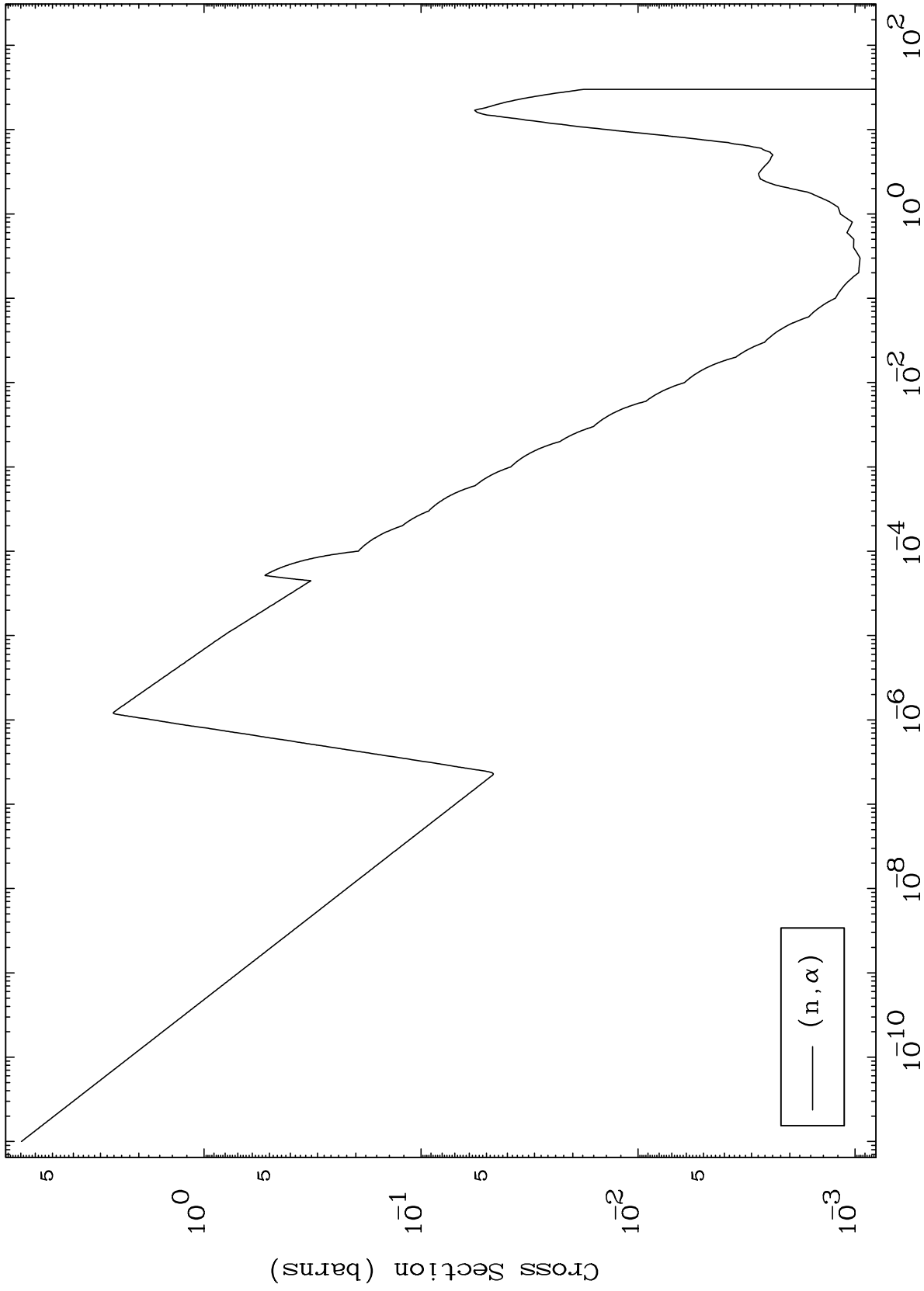
Incident Energy (MeV)

62-Sm-141

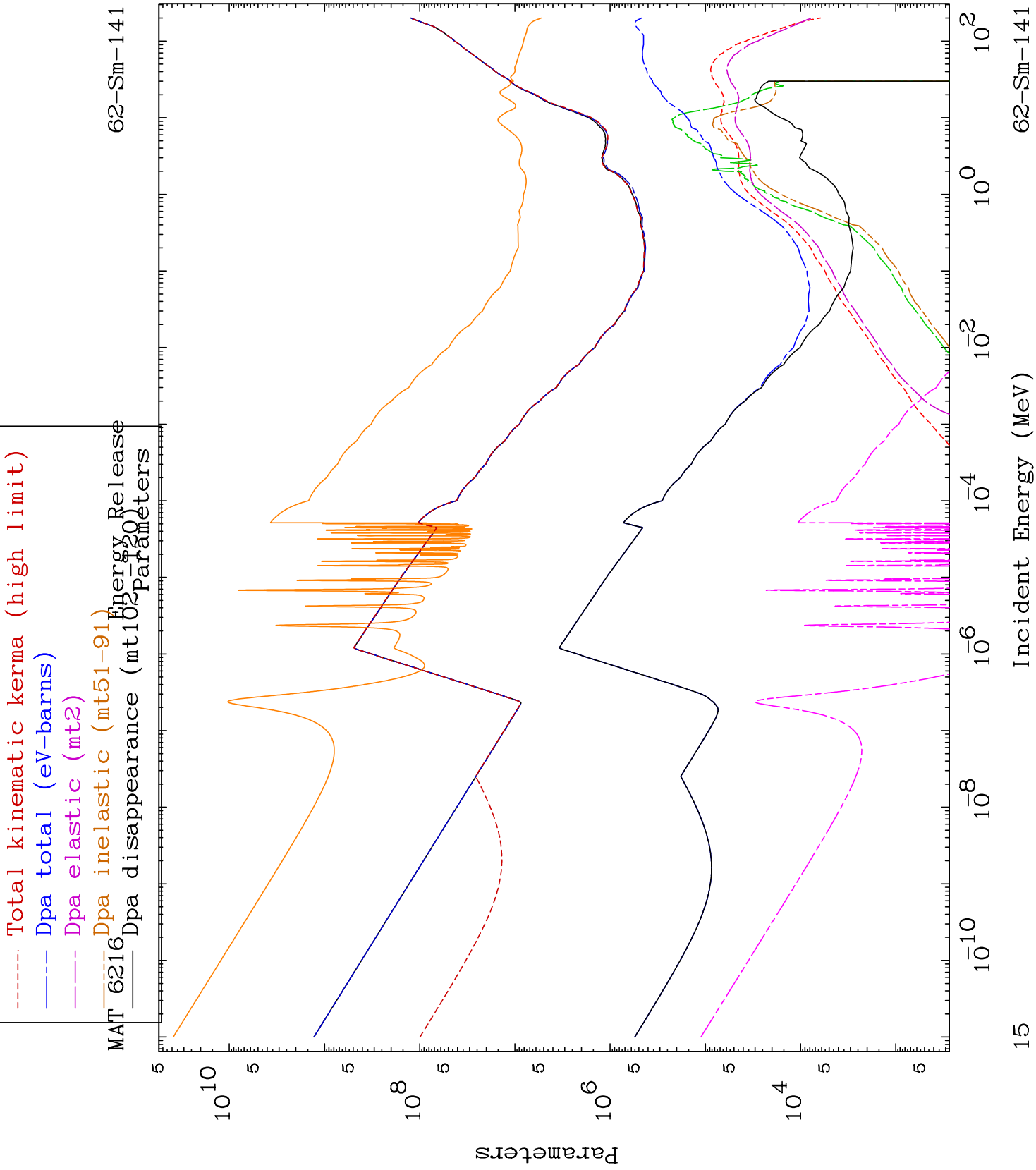
MAT 6216

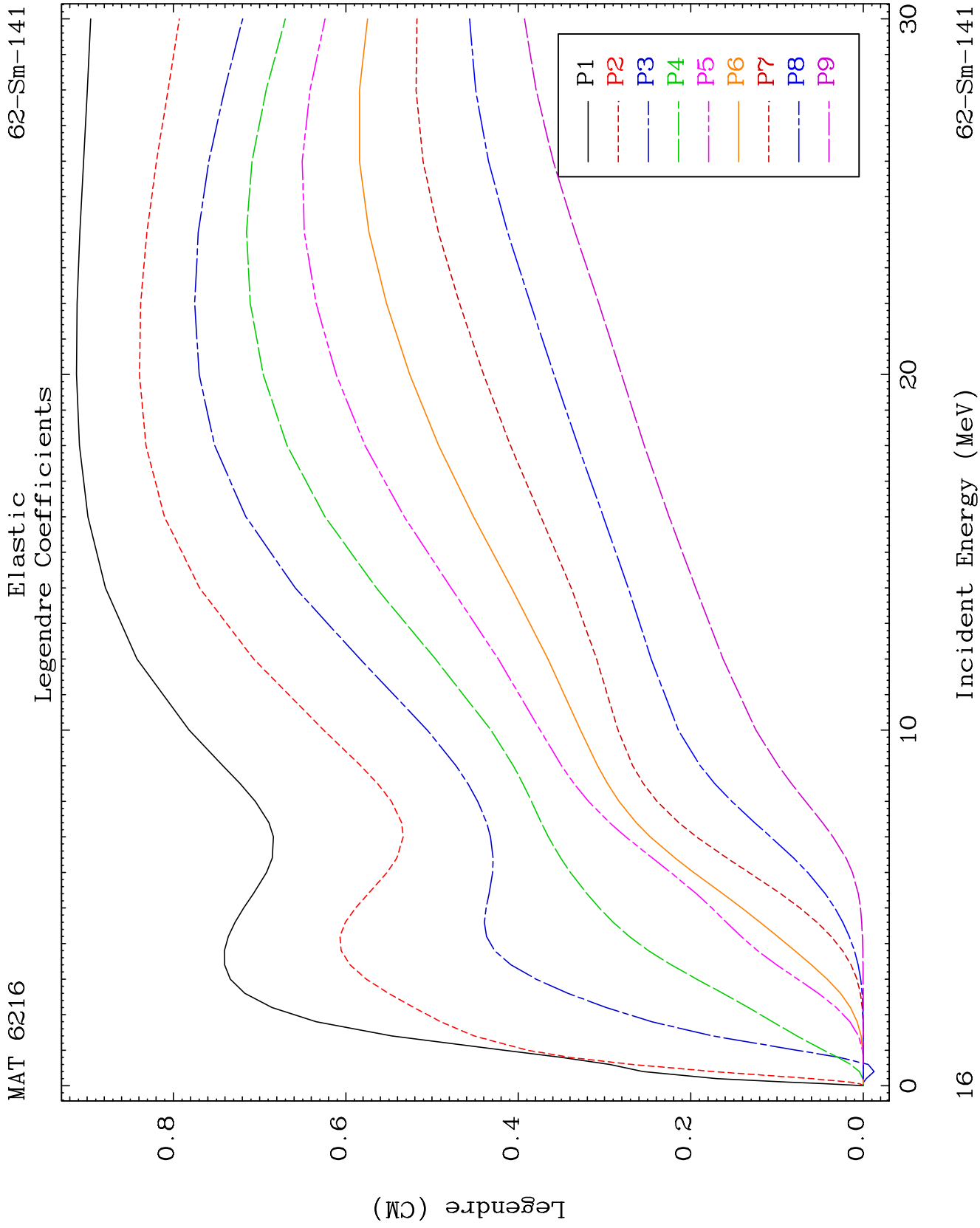
(n,α) Levels
293 Kelvin Cross Sections

62-Sm-141



— (n,α)

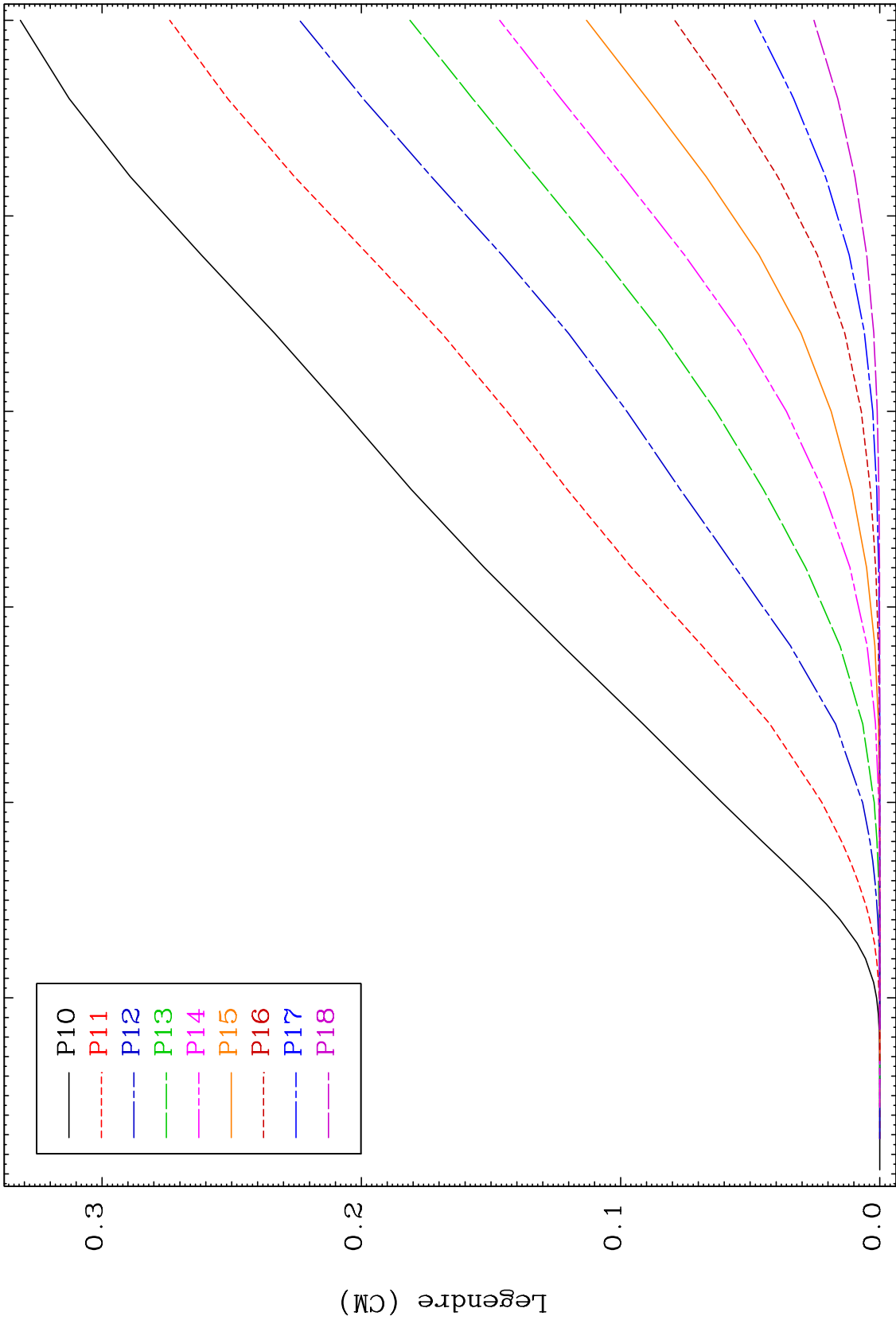




MAT 6216

Elastic Legendre Coefficients

62-Sm-141



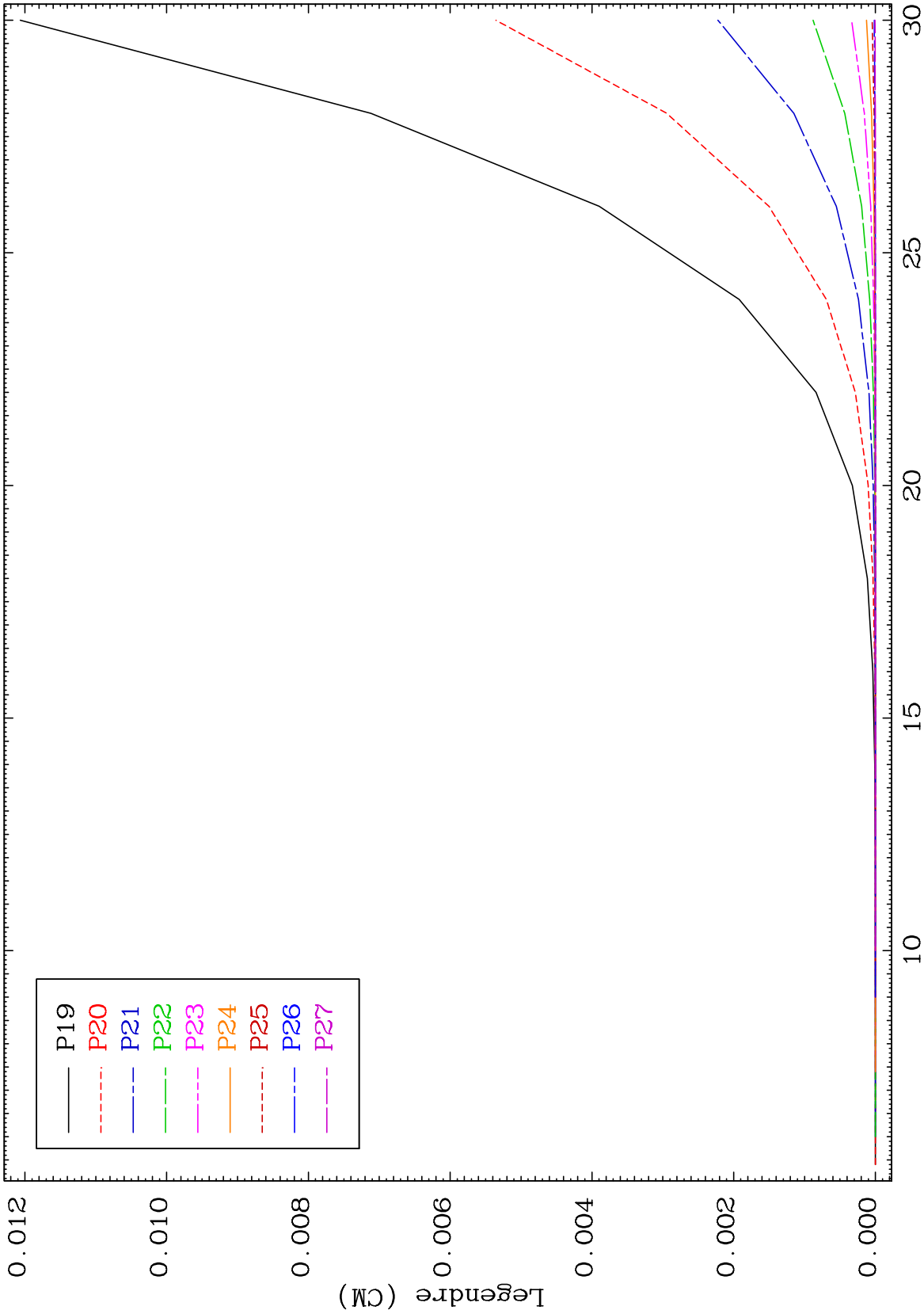
17

62-Sm-141

MAT 6216

Elastic Legendre Coefficients

62-Sm-141



18

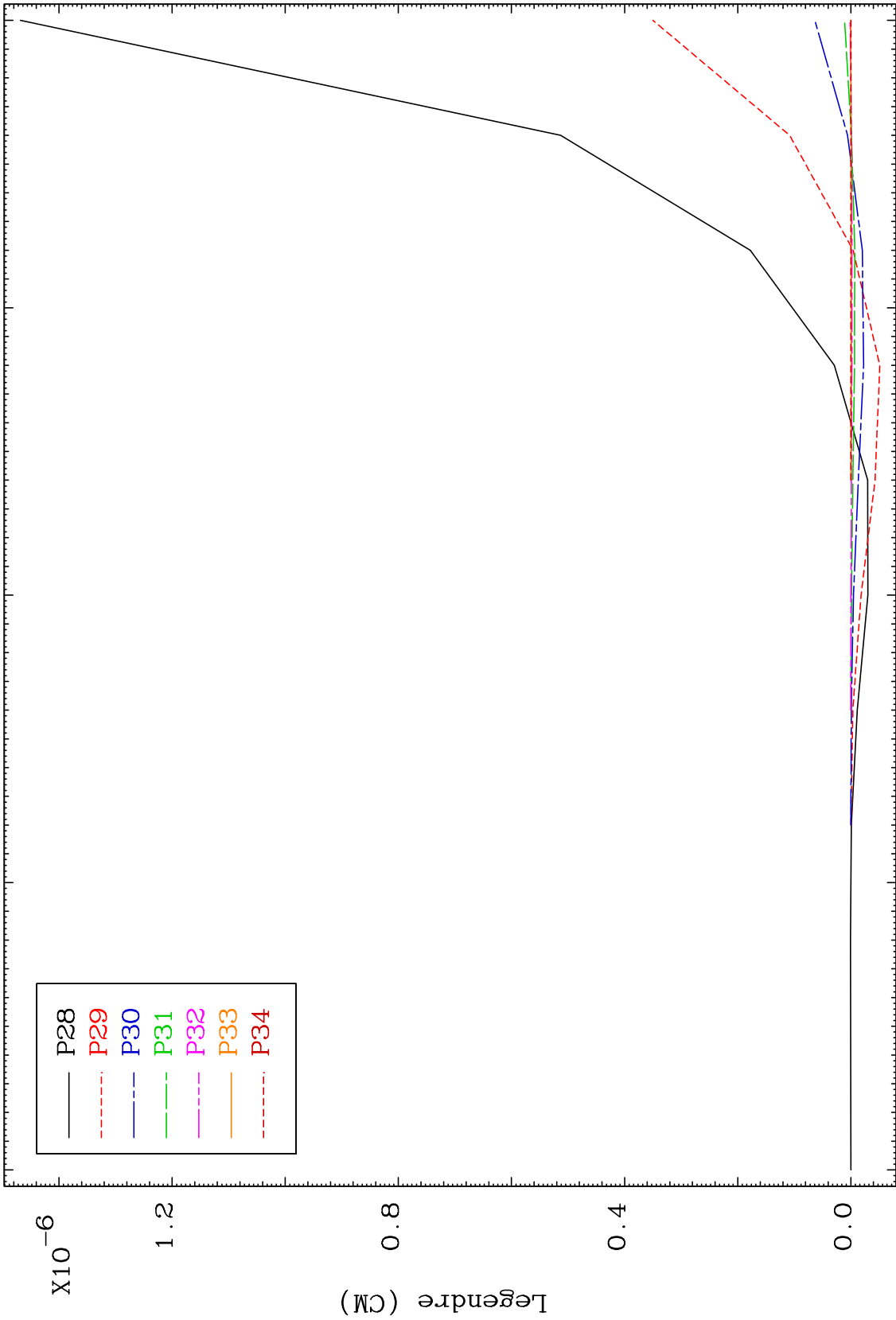
Incident Energy (MeV)

62-Sm-141

MAT 6216

Elastic Legendre Coefficients

62-Sm-141

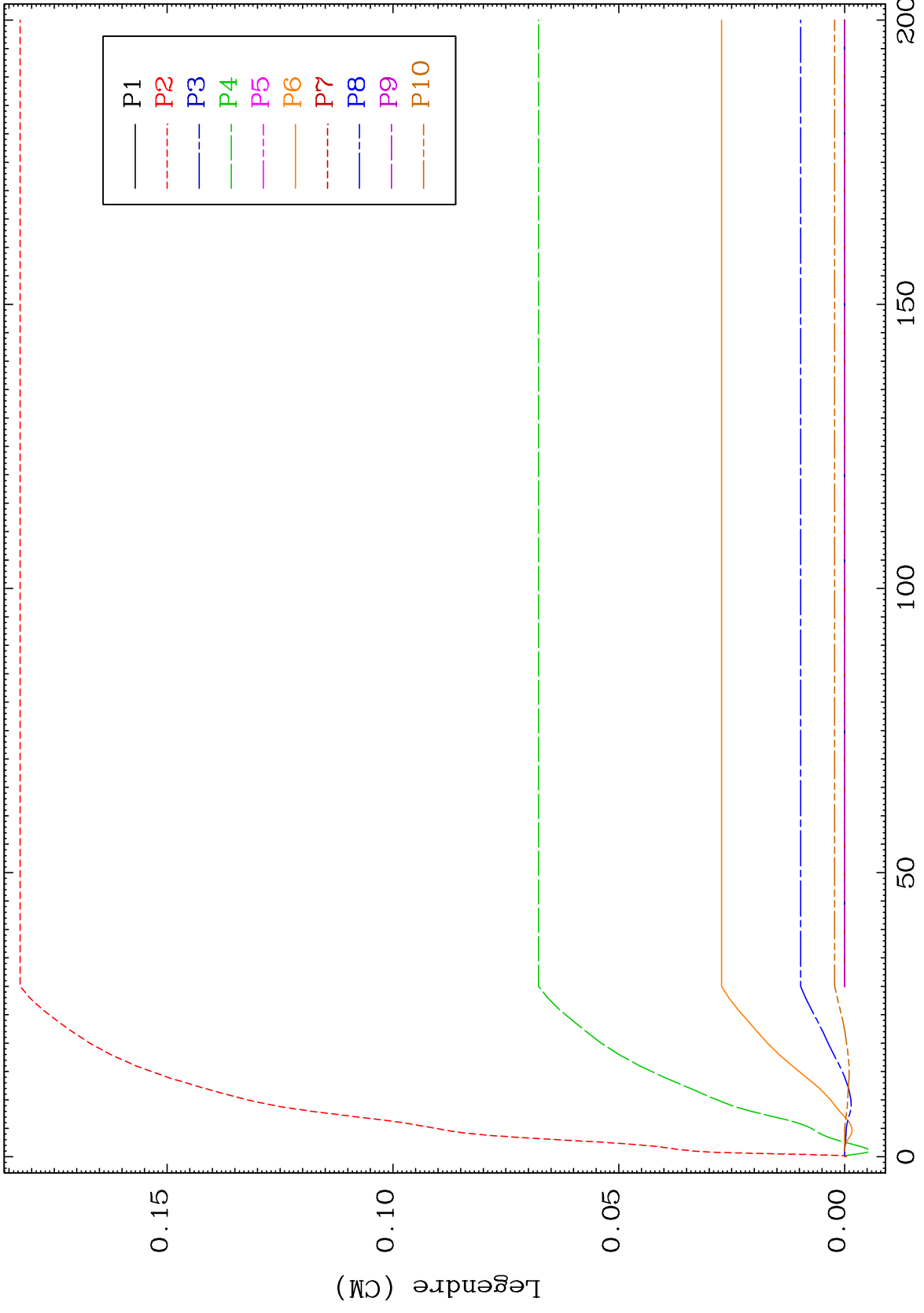


19

Incident Energy (MeV)

62-Sm-141

MAT 6216 MT= 51 (n,n') Level Legendre Coefficients 62-Sm-141

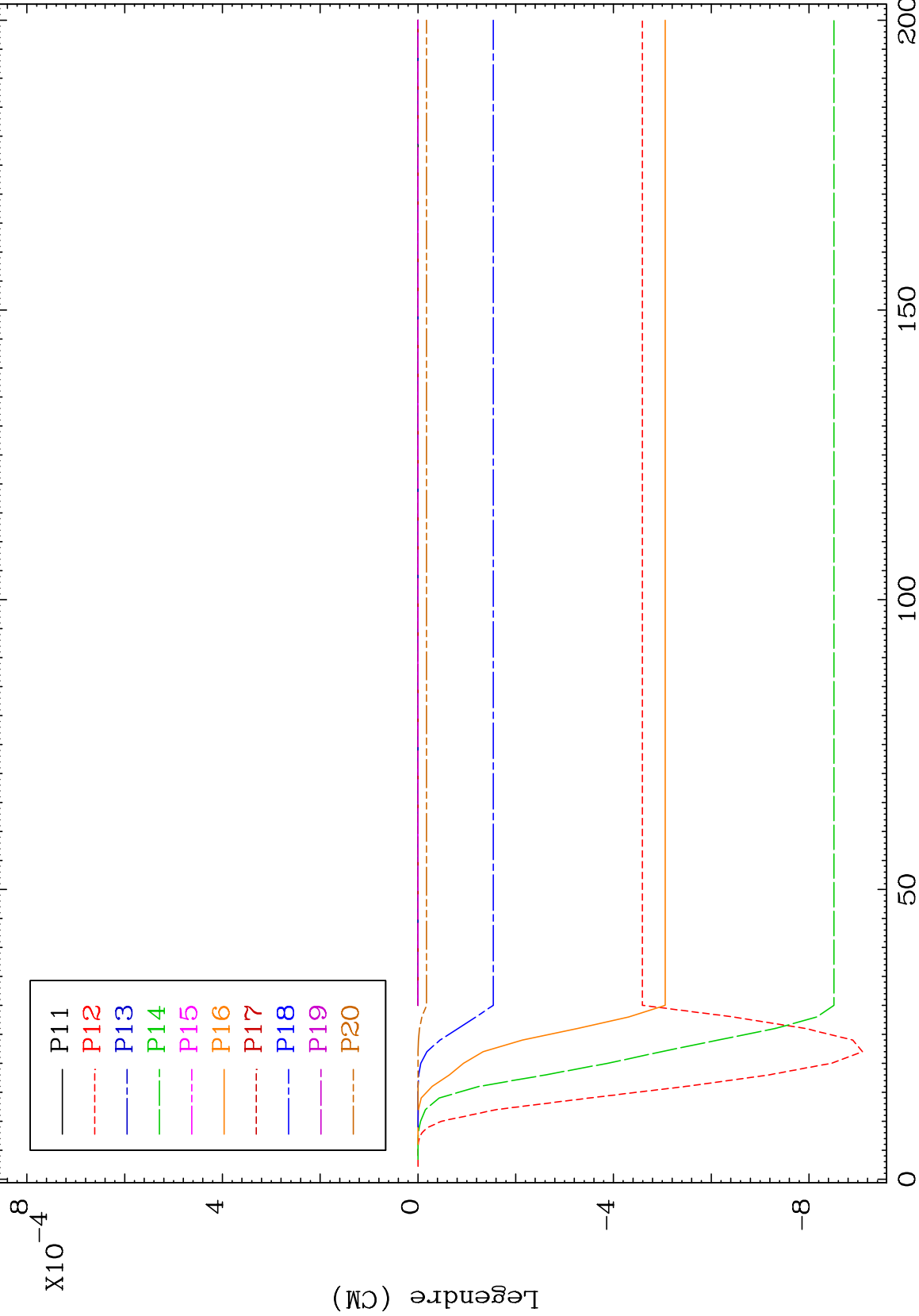


62-Sm-141

MAT 6216

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

62-Sm-141

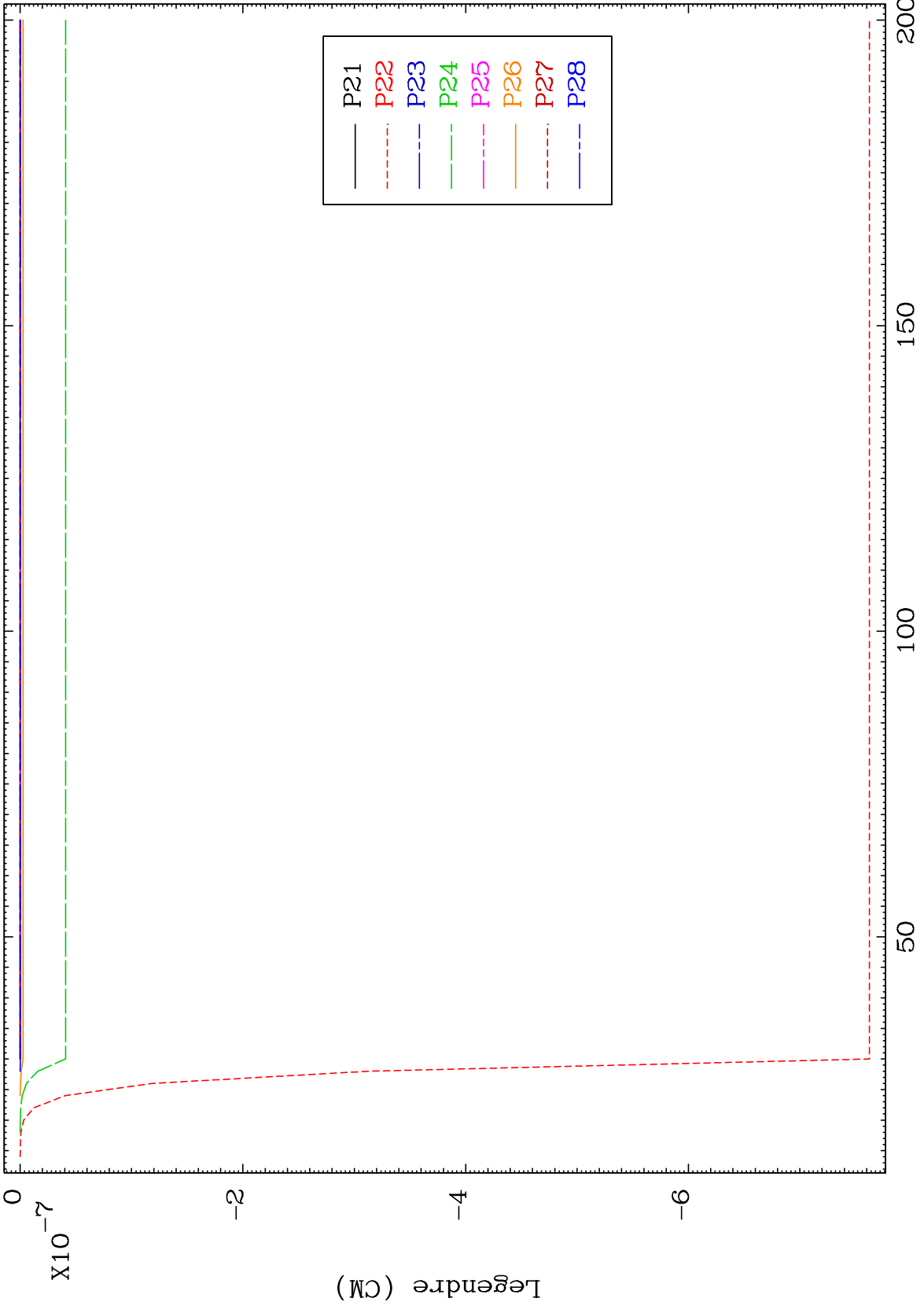


21

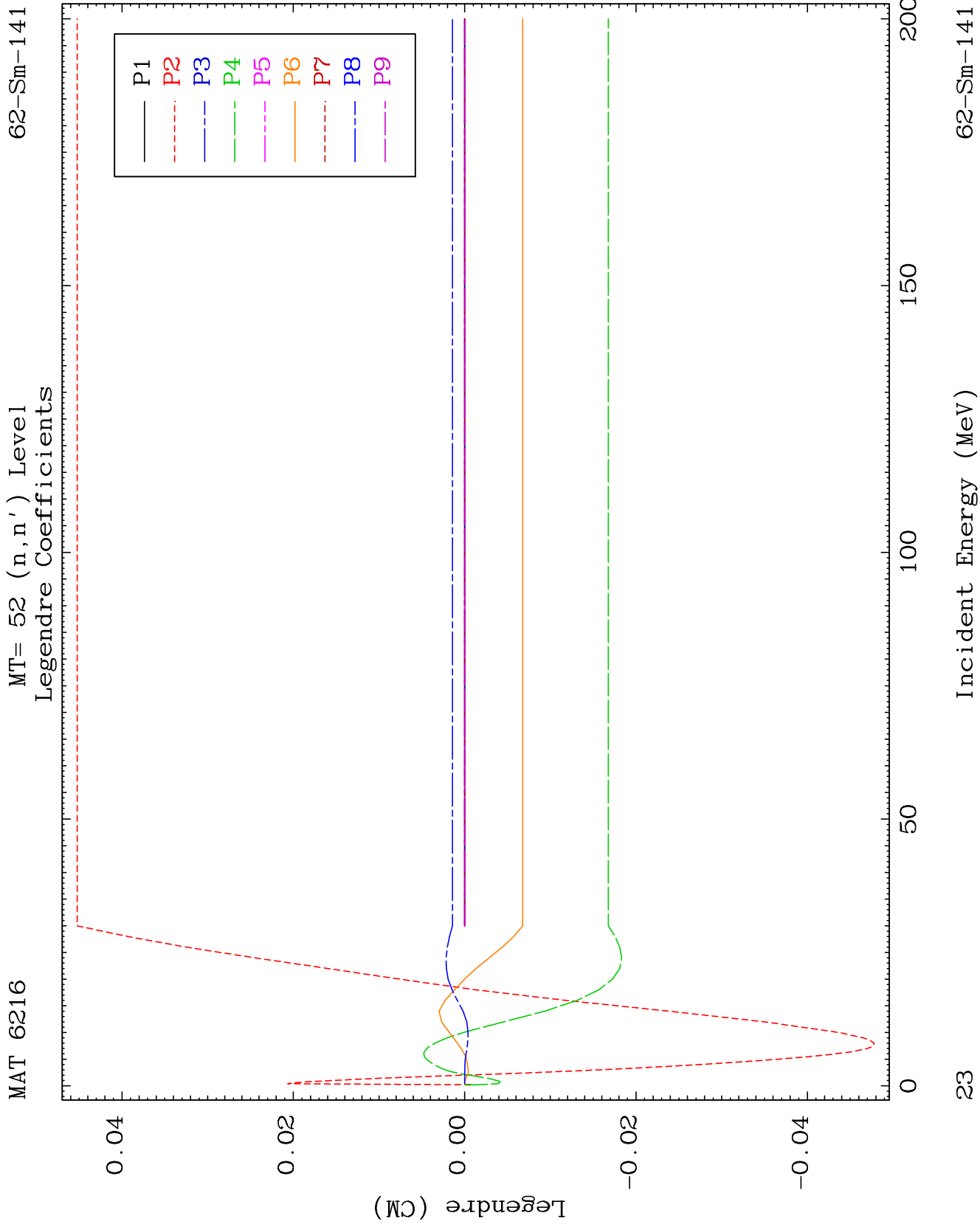
Incident Energy (MeV)

62-Sm-141

MAT 6216 MT= 51 (n,n') Level Legendre Coefficients 62-Sm-141



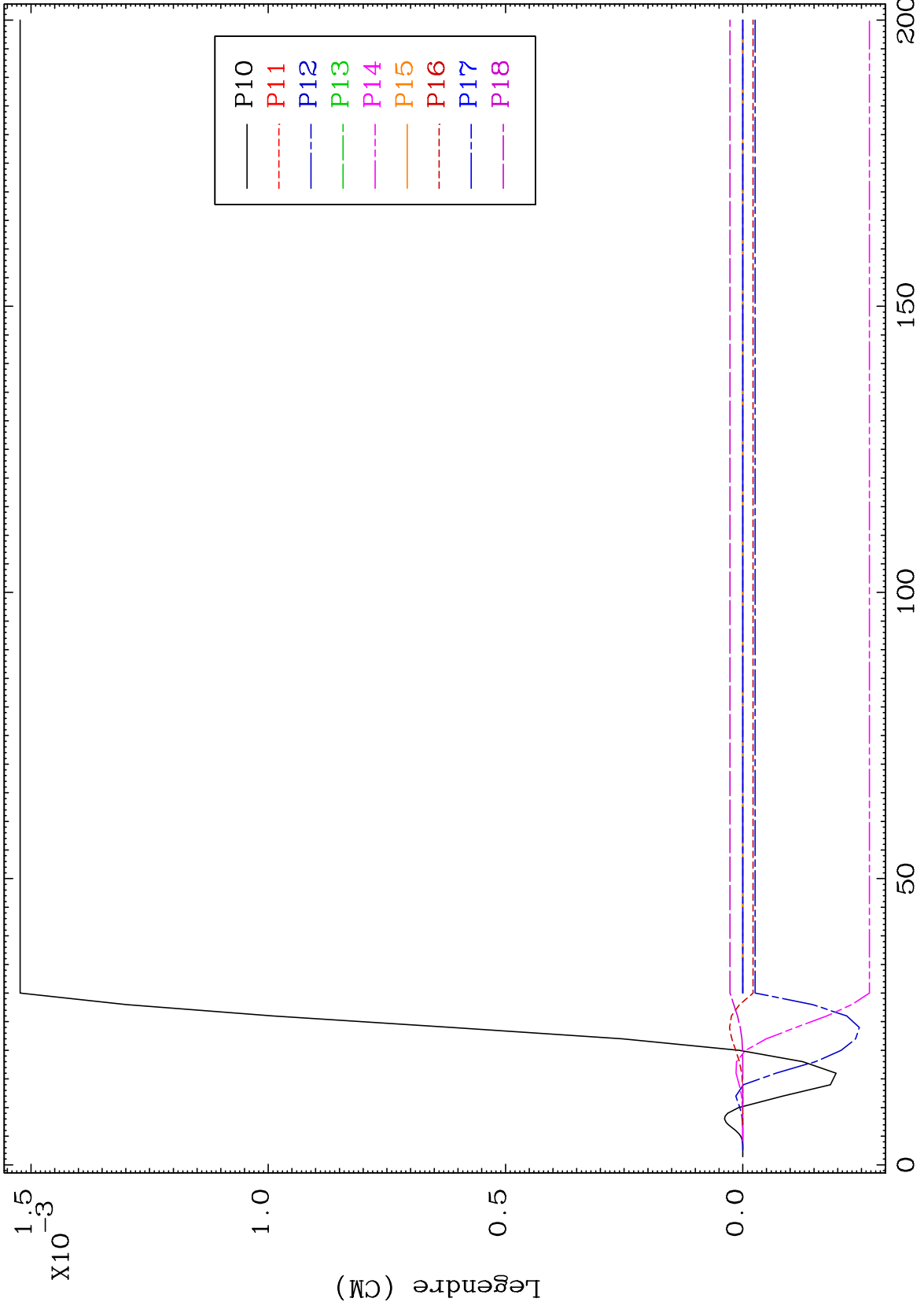
22 62-Sm-141



MAT 6216

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

62-Sm-141

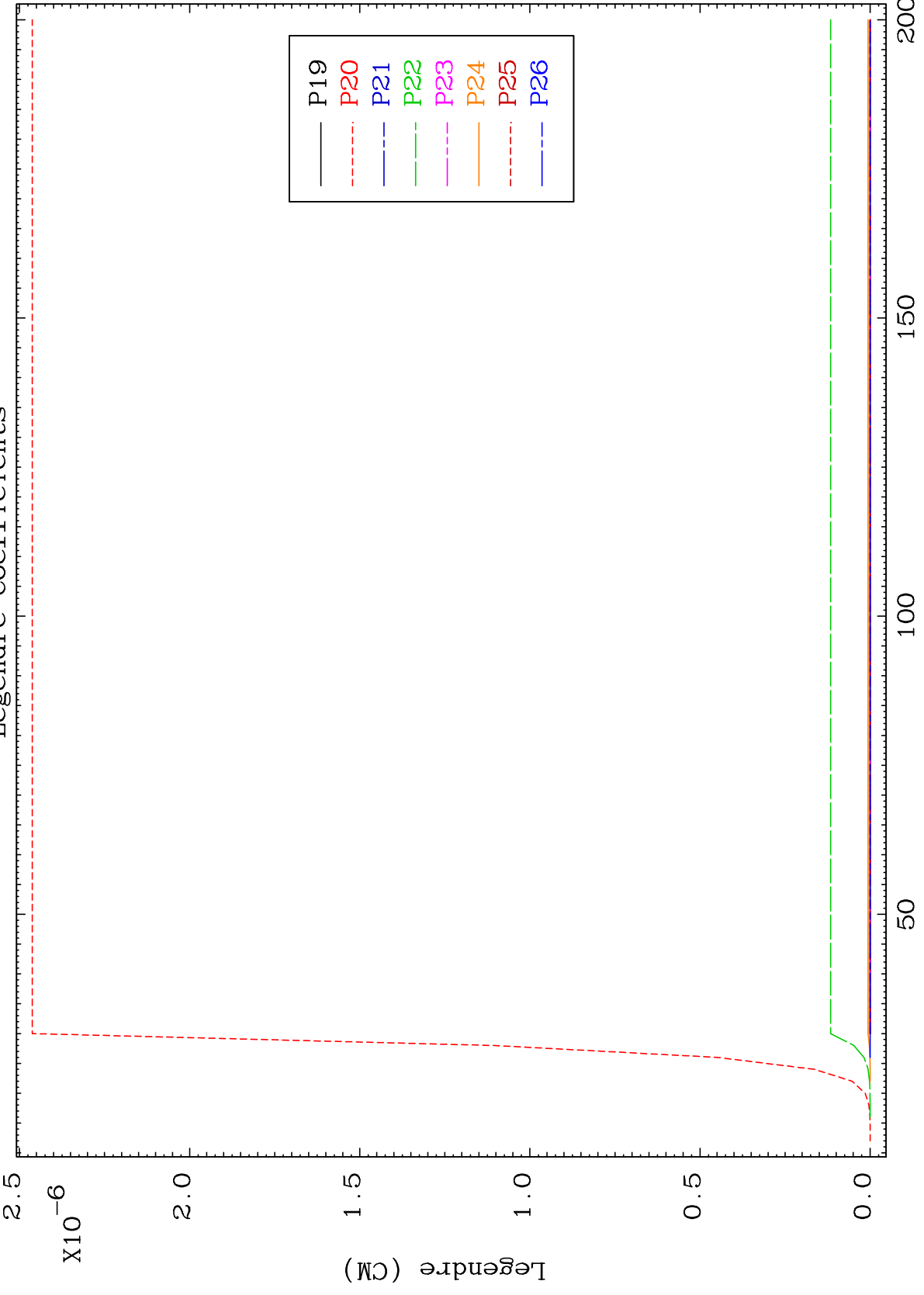


24

Incident Energy (MeV)

62-Sm-141

MAT 6216 MT= 52 (n,n') Level Legendre Coefficients 62-Sm-141

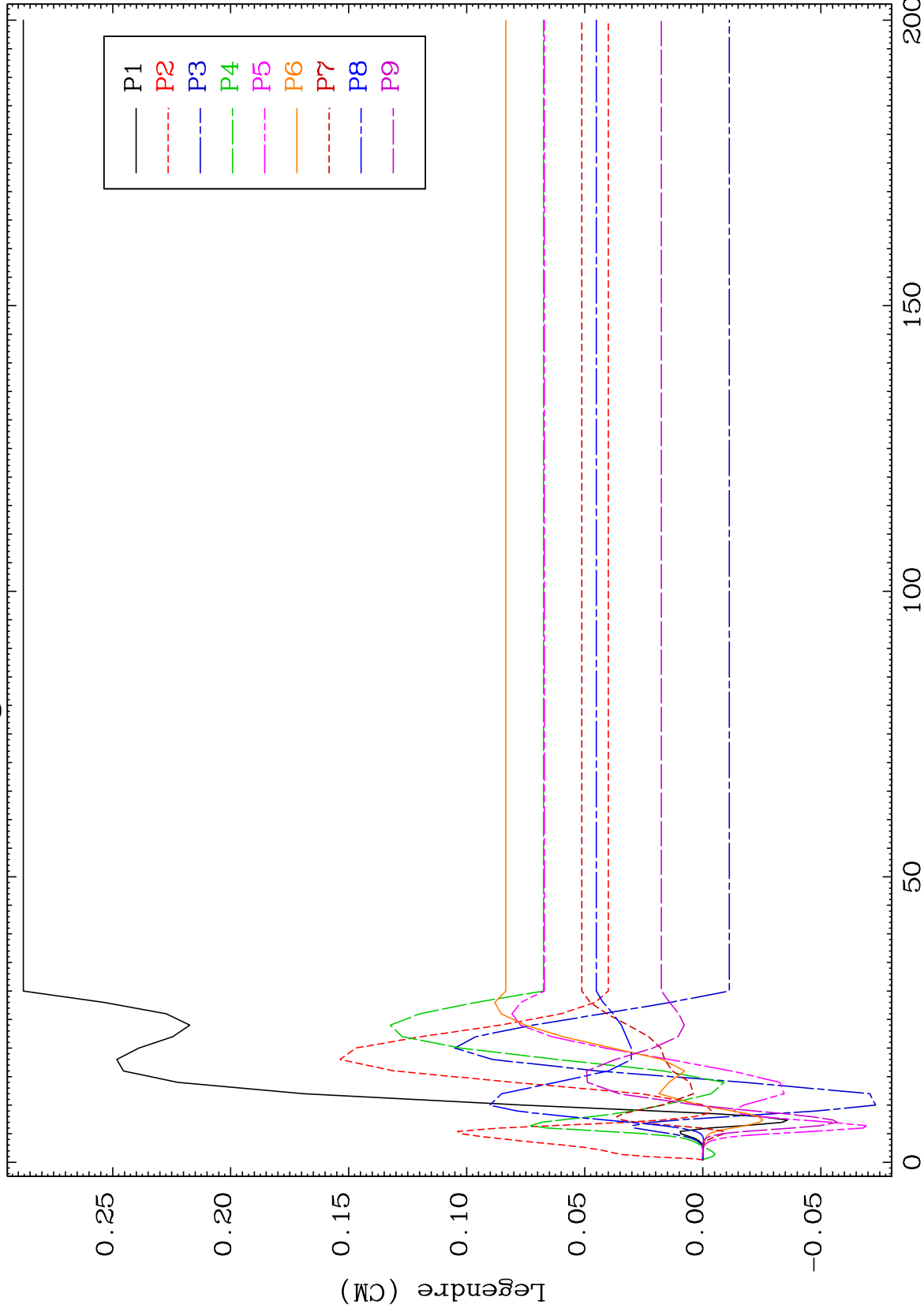


62-Sm-141

MAT 6216

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

62-Sm-141



26

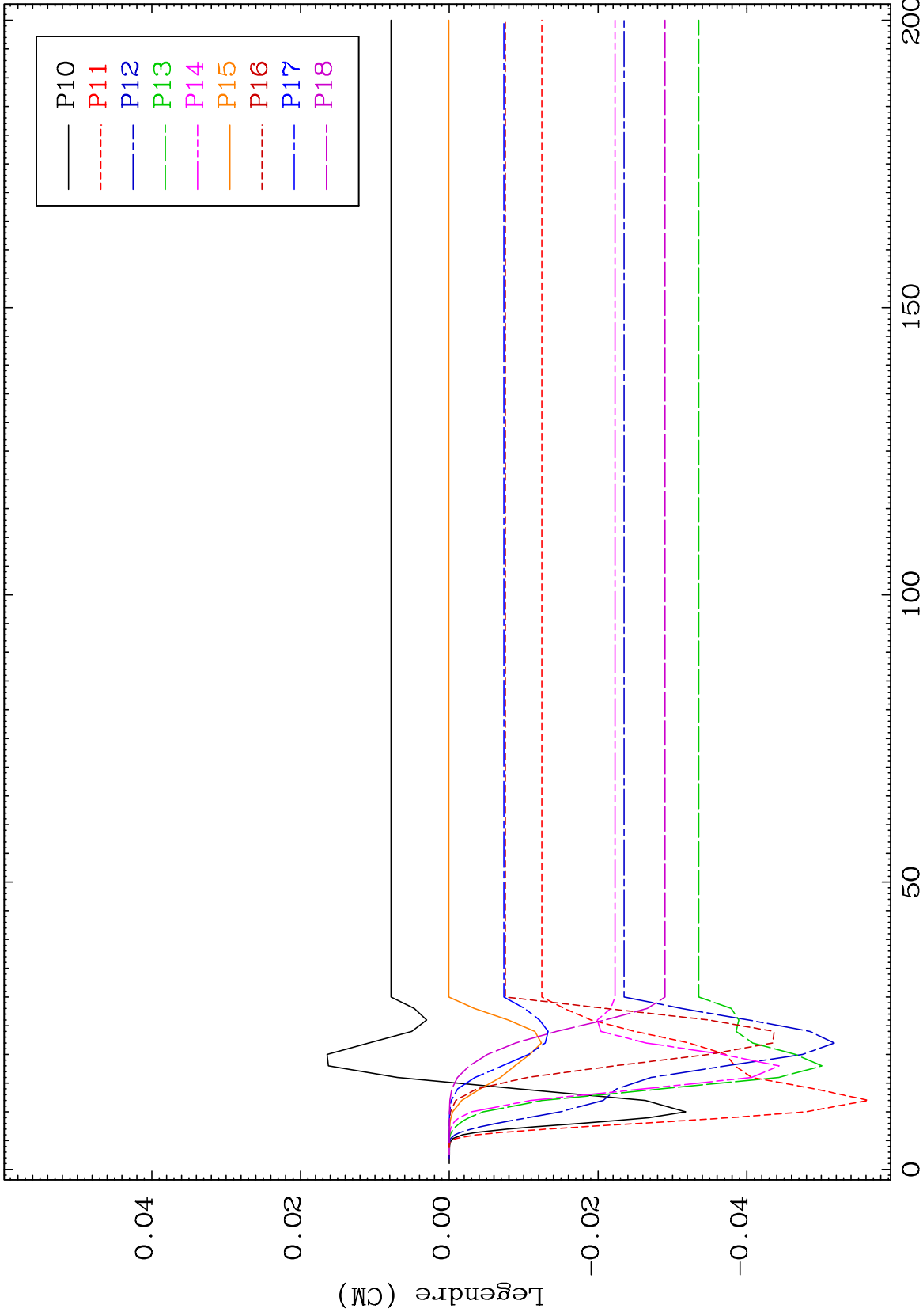
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141

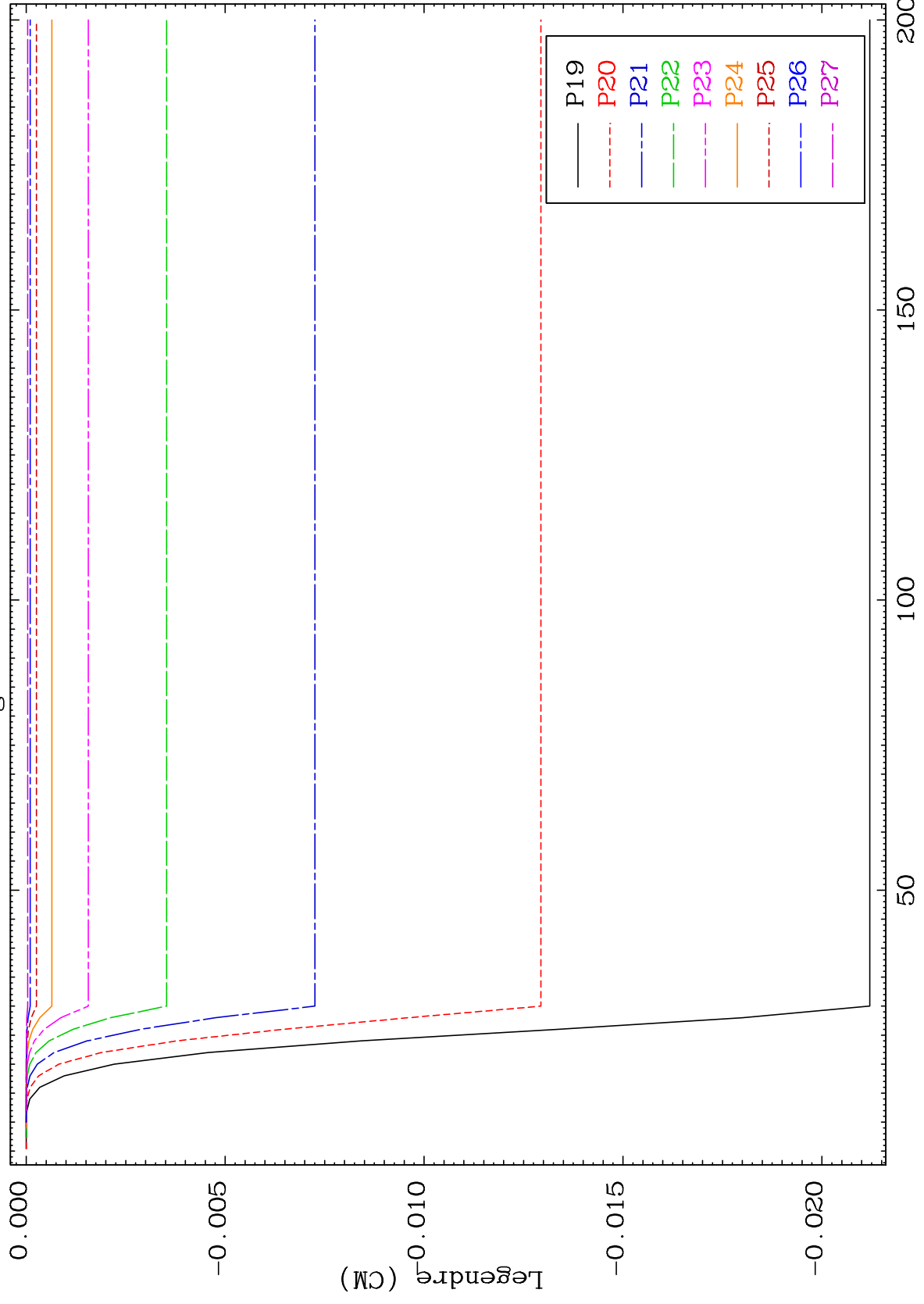


27

Incident Energy (MeV)

62-Sm-141

MAT 6216 MT= 53 (n,n') Level Legendre Coefficients 62-Sm-141

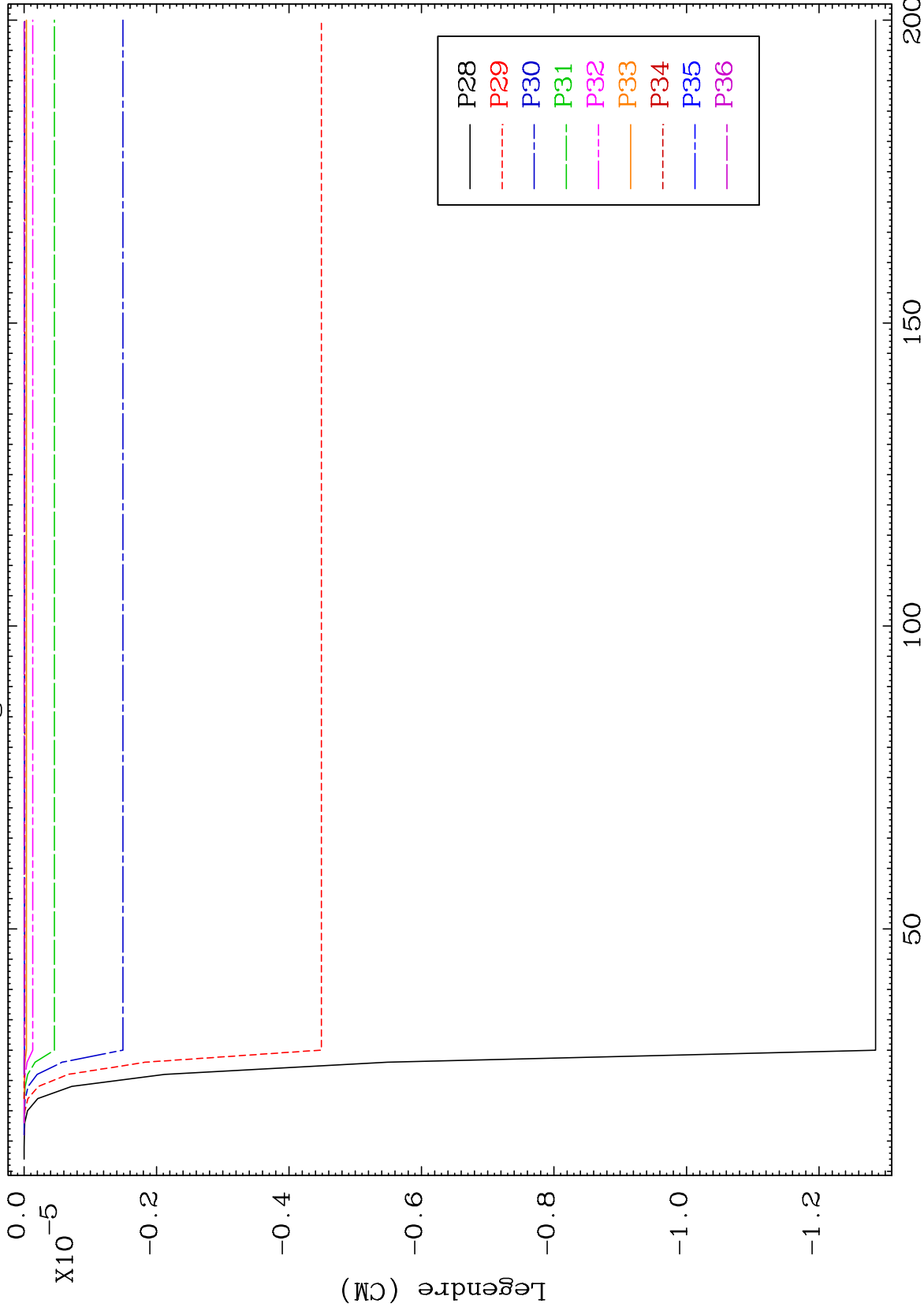


28 62-Sm-141

MAT 6216

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

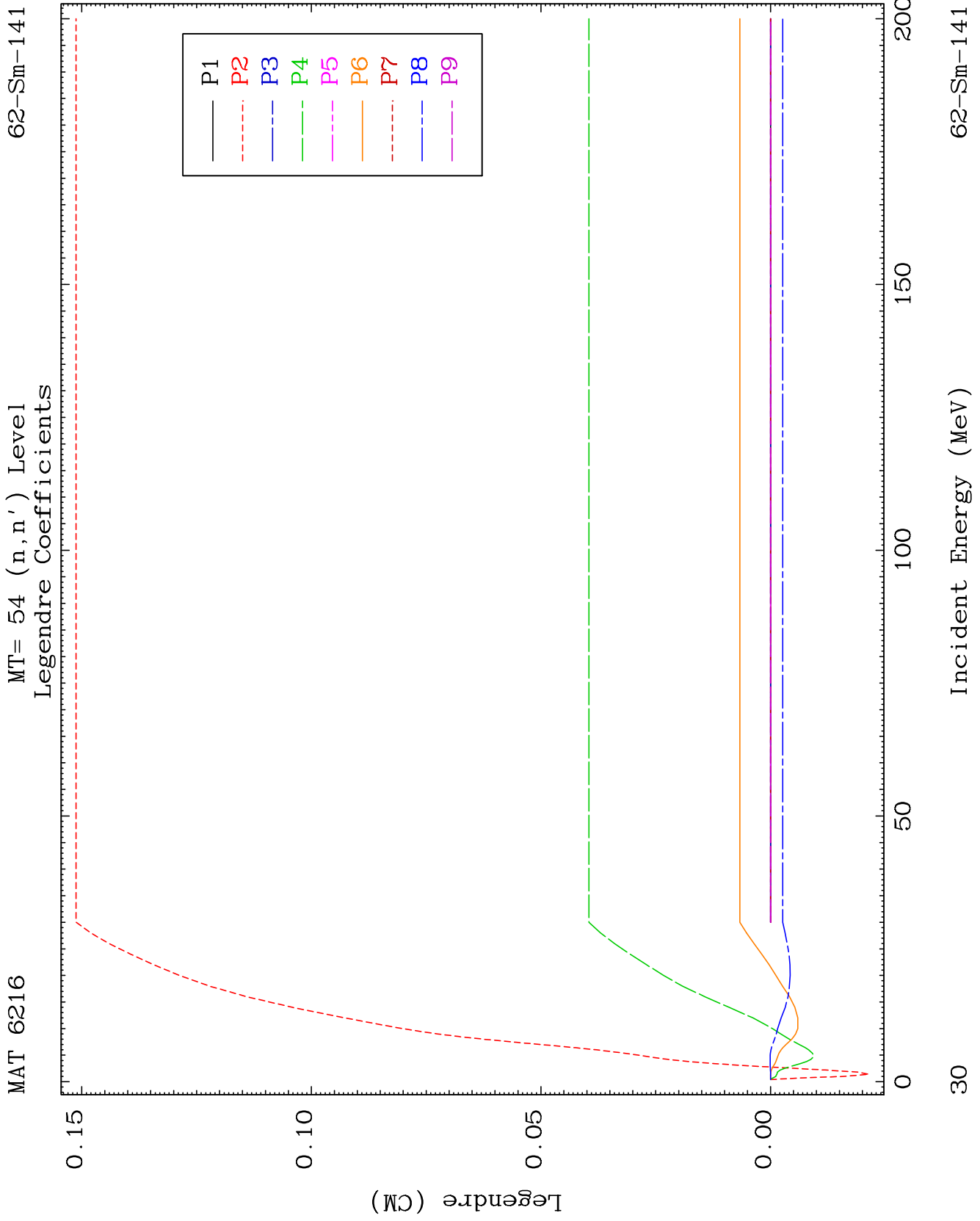
62-Sm-141



62-Sm-141

Incident Energy (MeV)

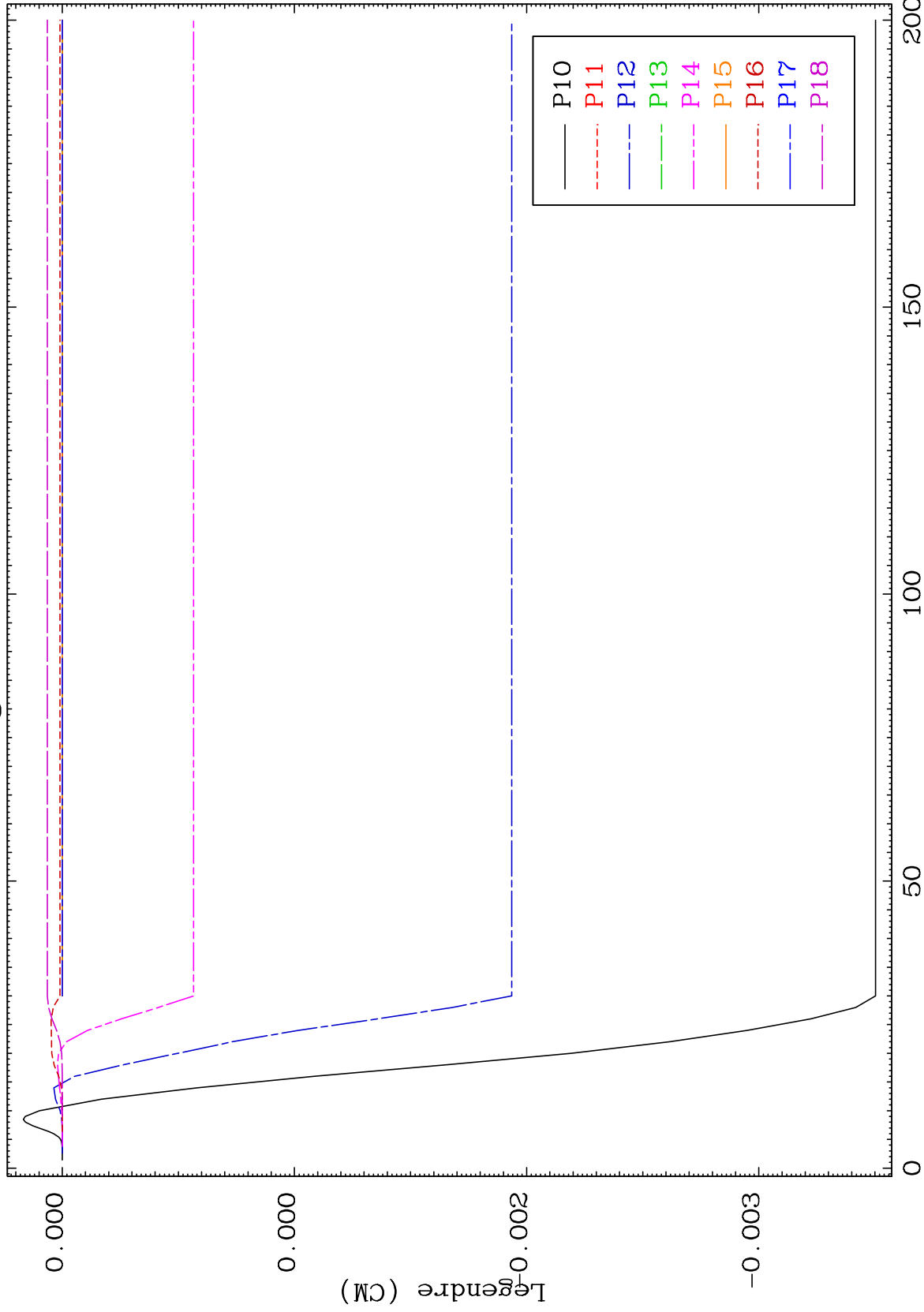
29



MAT 6216

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

62-Sm-141

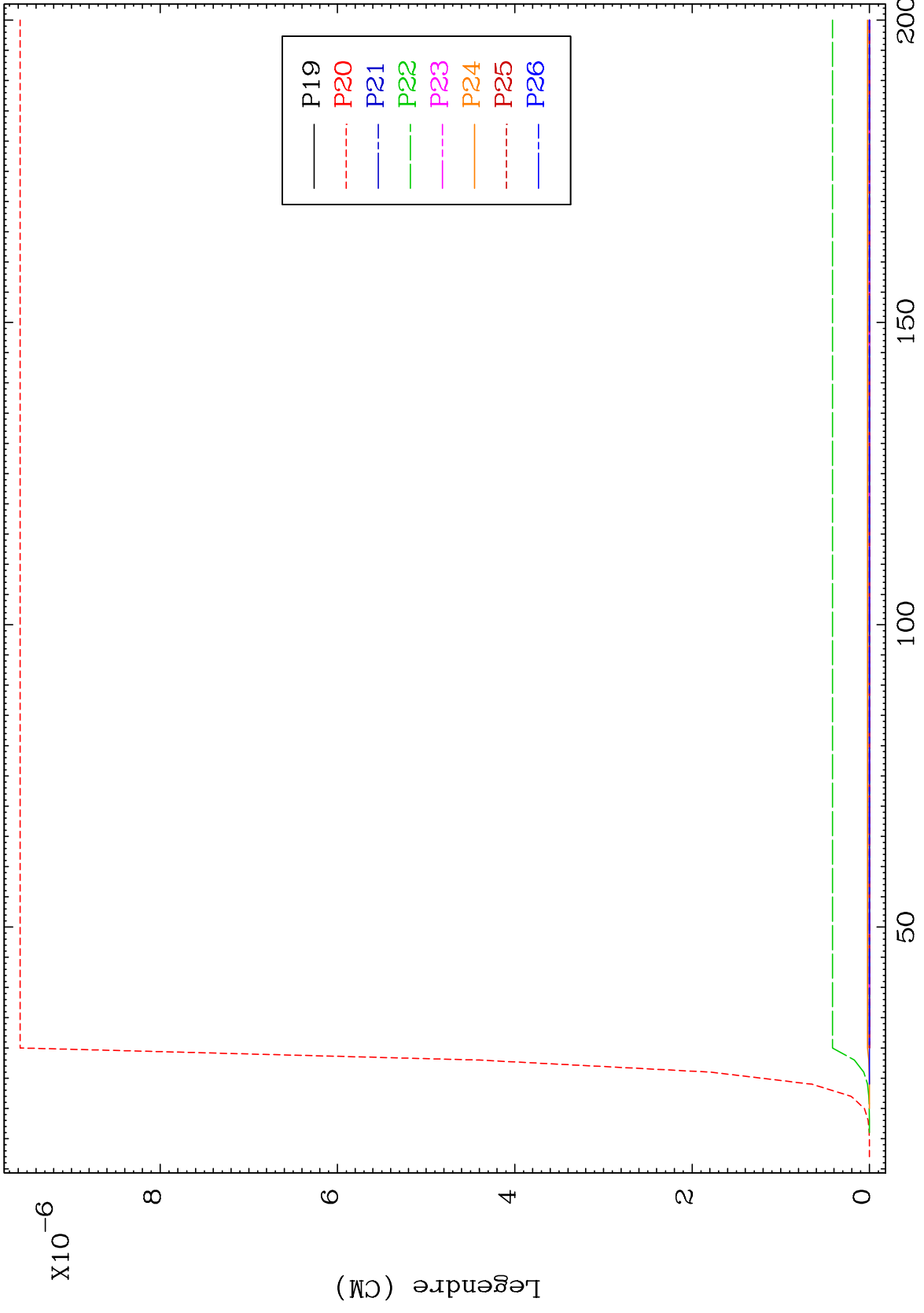


31

Incident Energy (MeV)

62-Sm-141

MAT 6216 MT= 54 (n,n') Level Legendre Coefficients 62-Sm-141

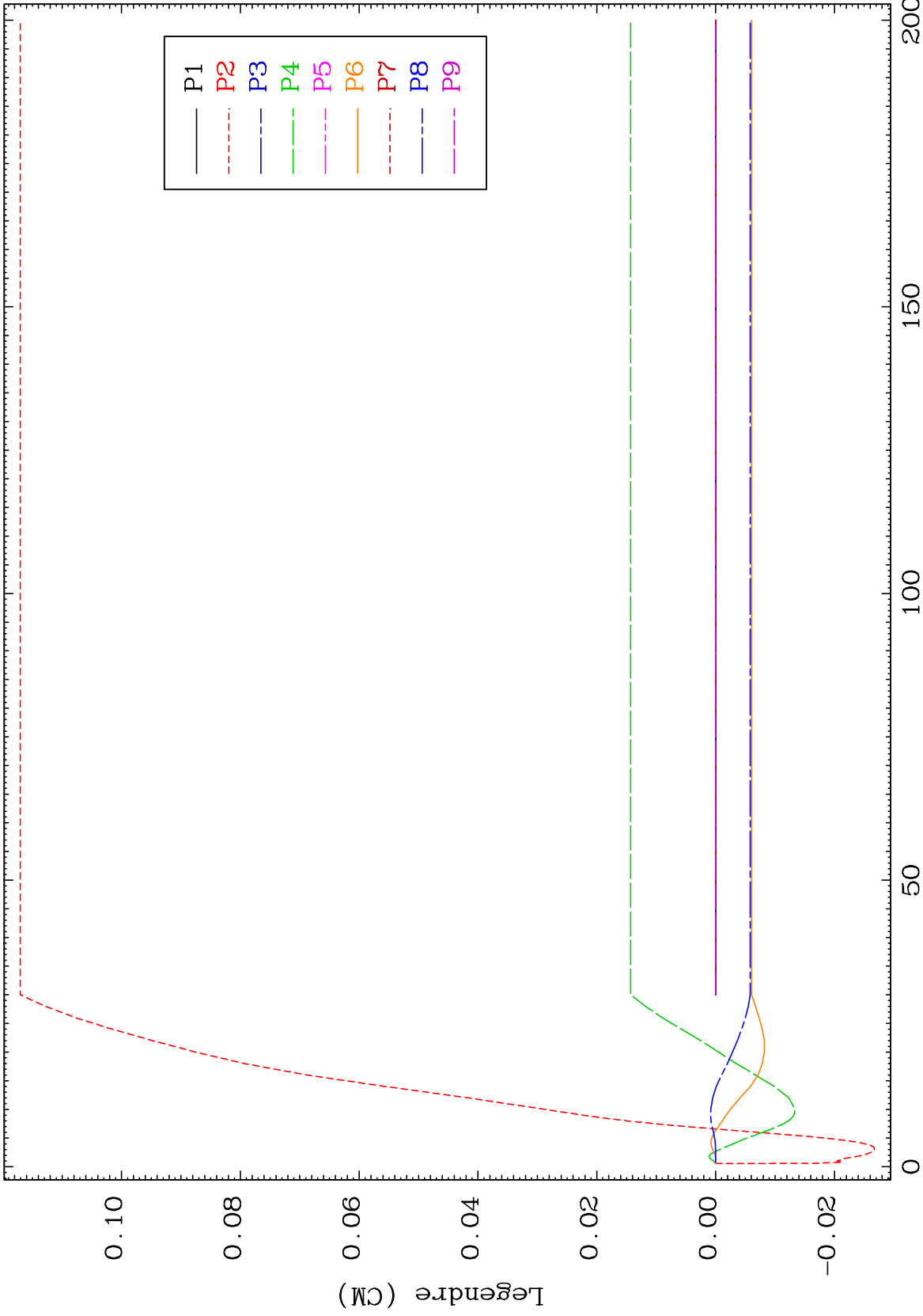


32 Incident Energy (MeV) 62-Sm-141

MAT 6216

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

62-Sm-141



33

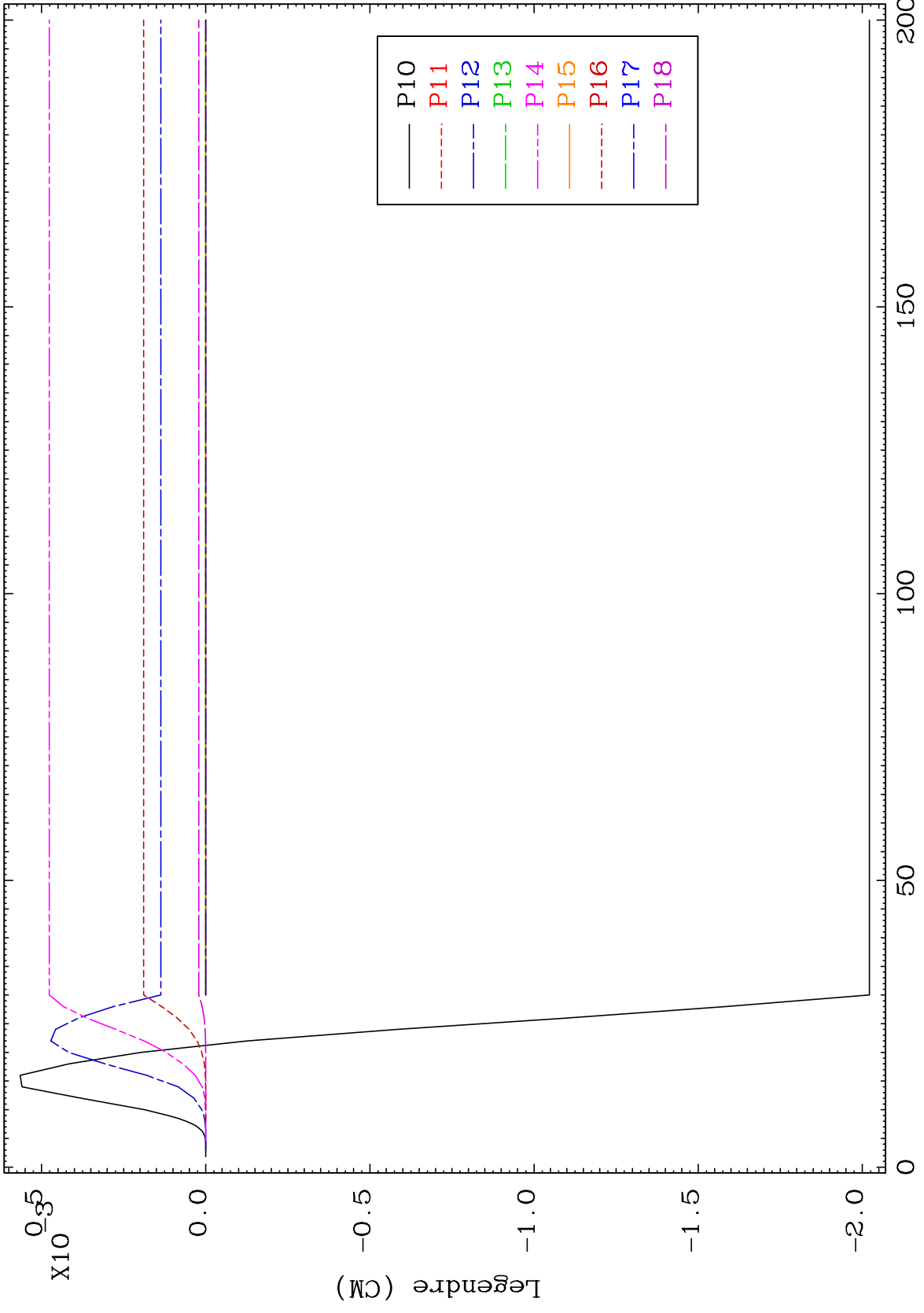
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

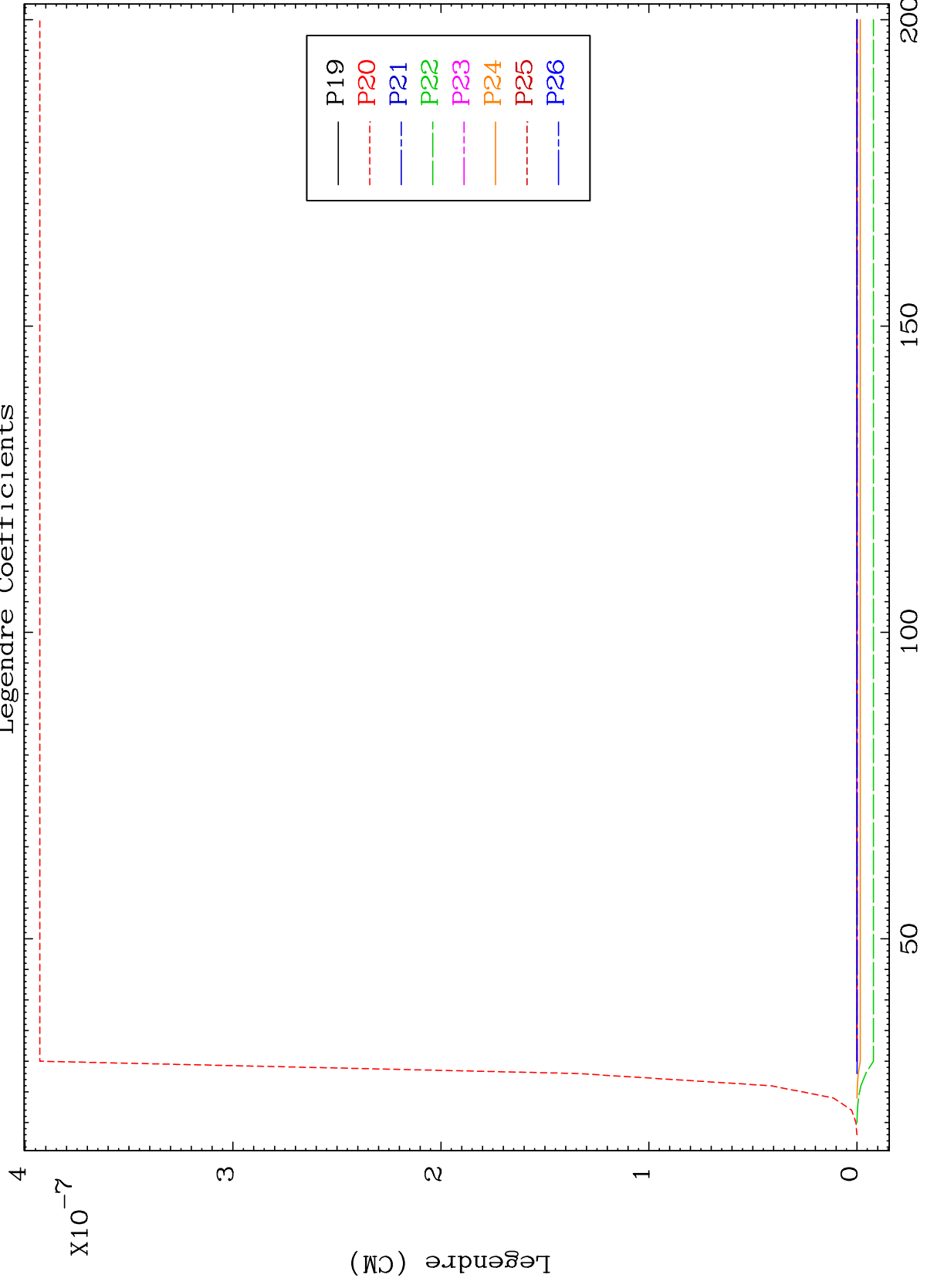
62-Sm-141



34

62-Sm-141

MAT 6216 MT= 55 (n,n') Level Legendre Coefficients 62-Sm-141

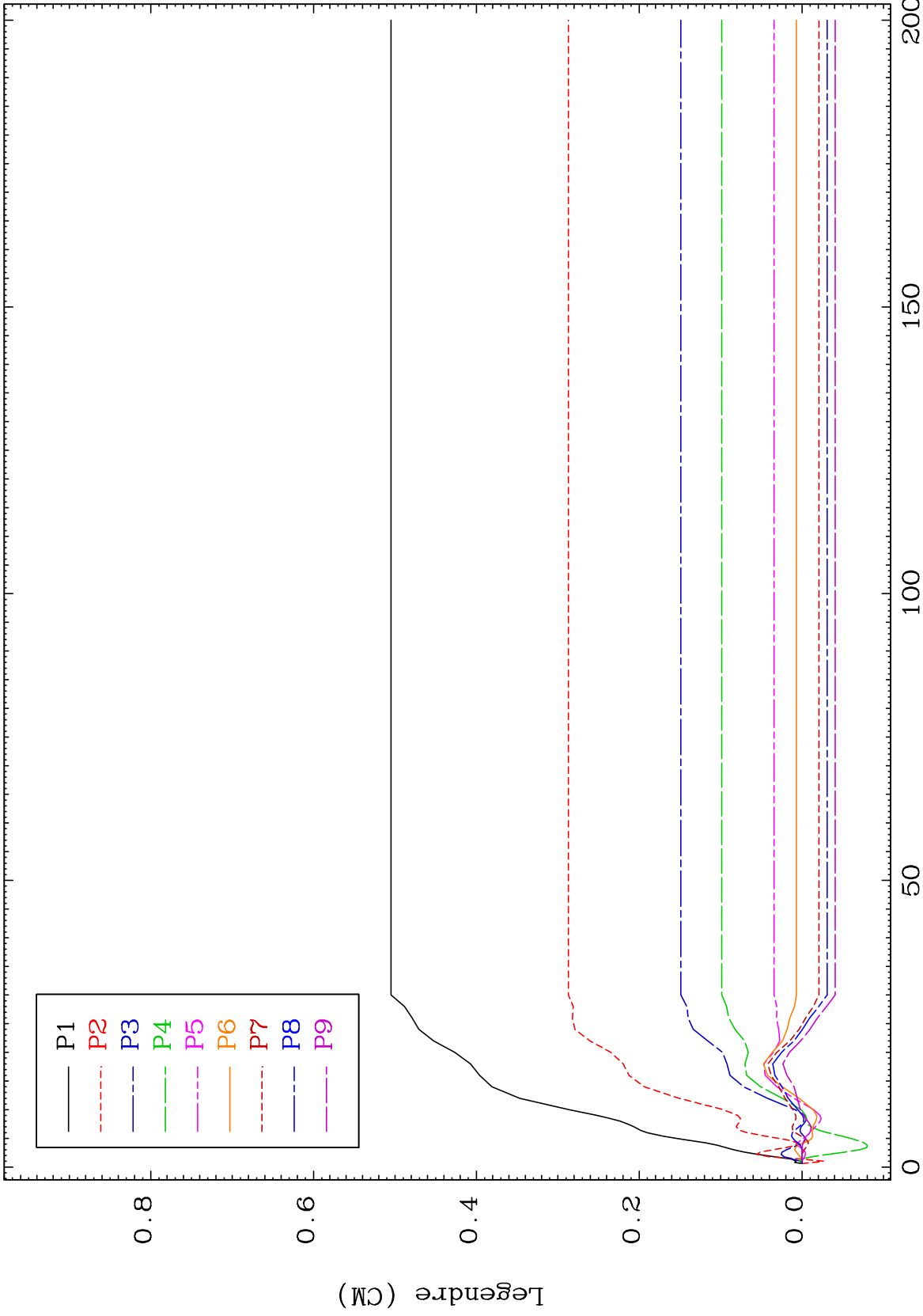


35 Incident Energy (MeV) 200 62-Sm-141

MAT 6216

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

62-Sm-141



36

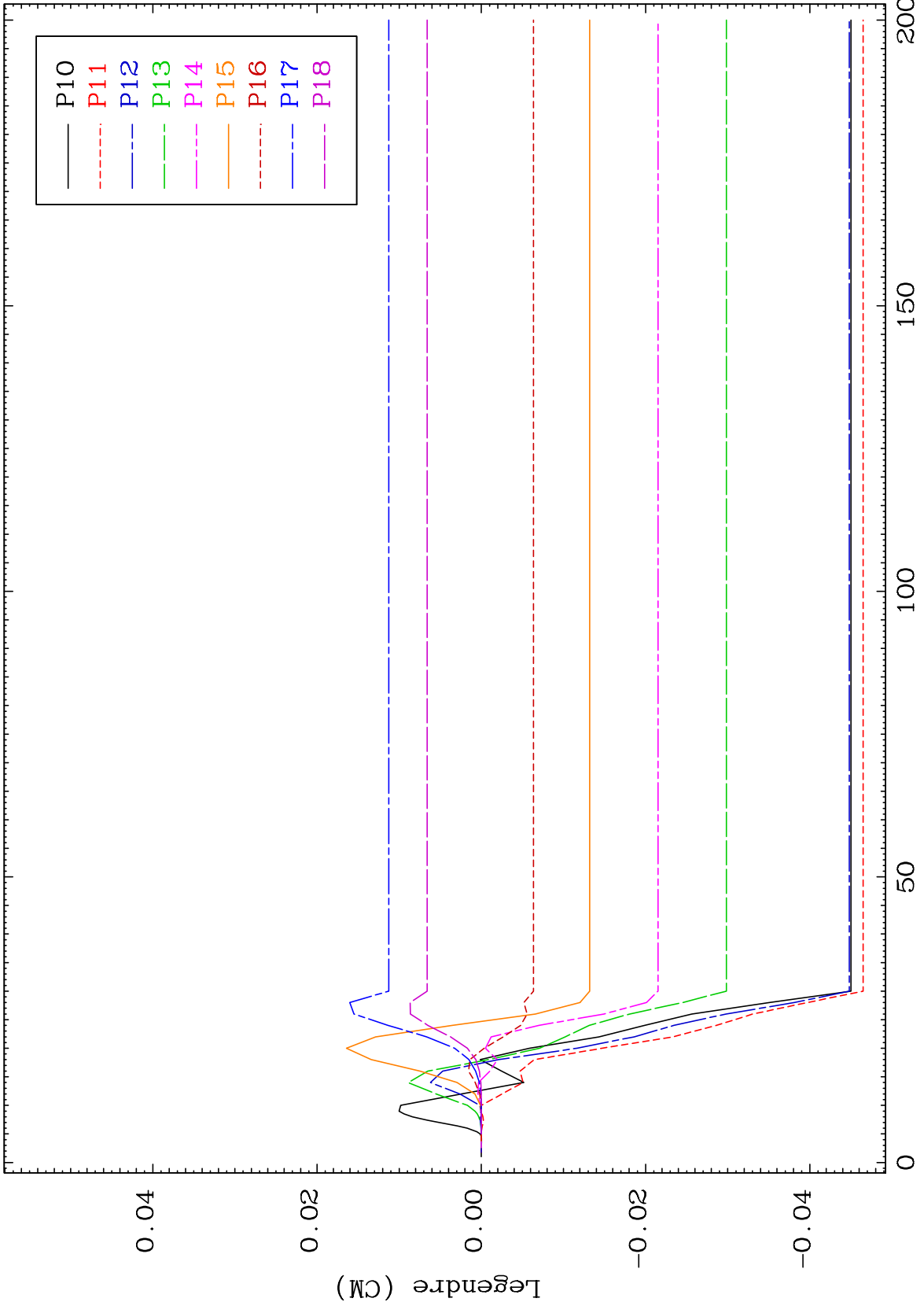
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



37

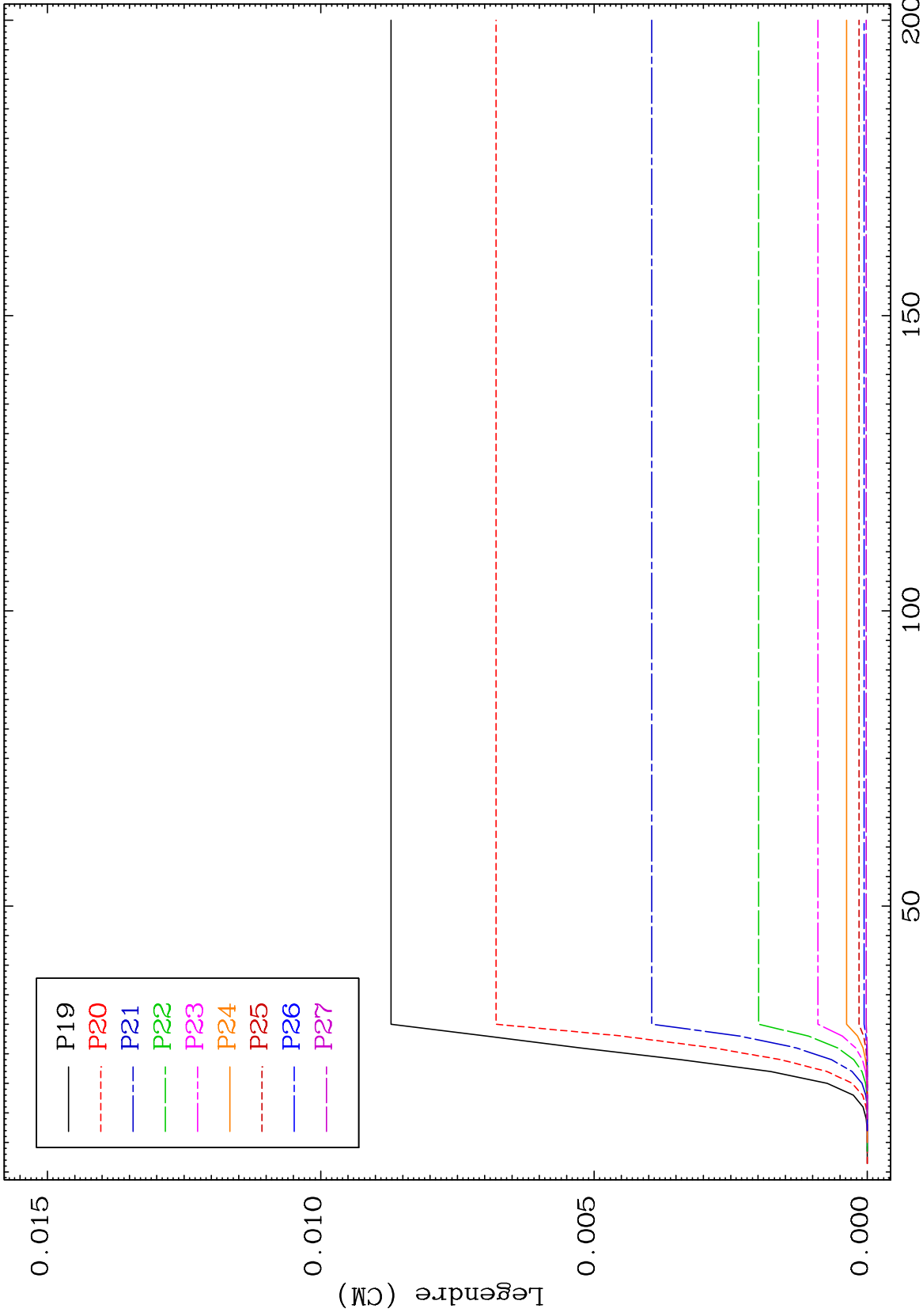
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



38

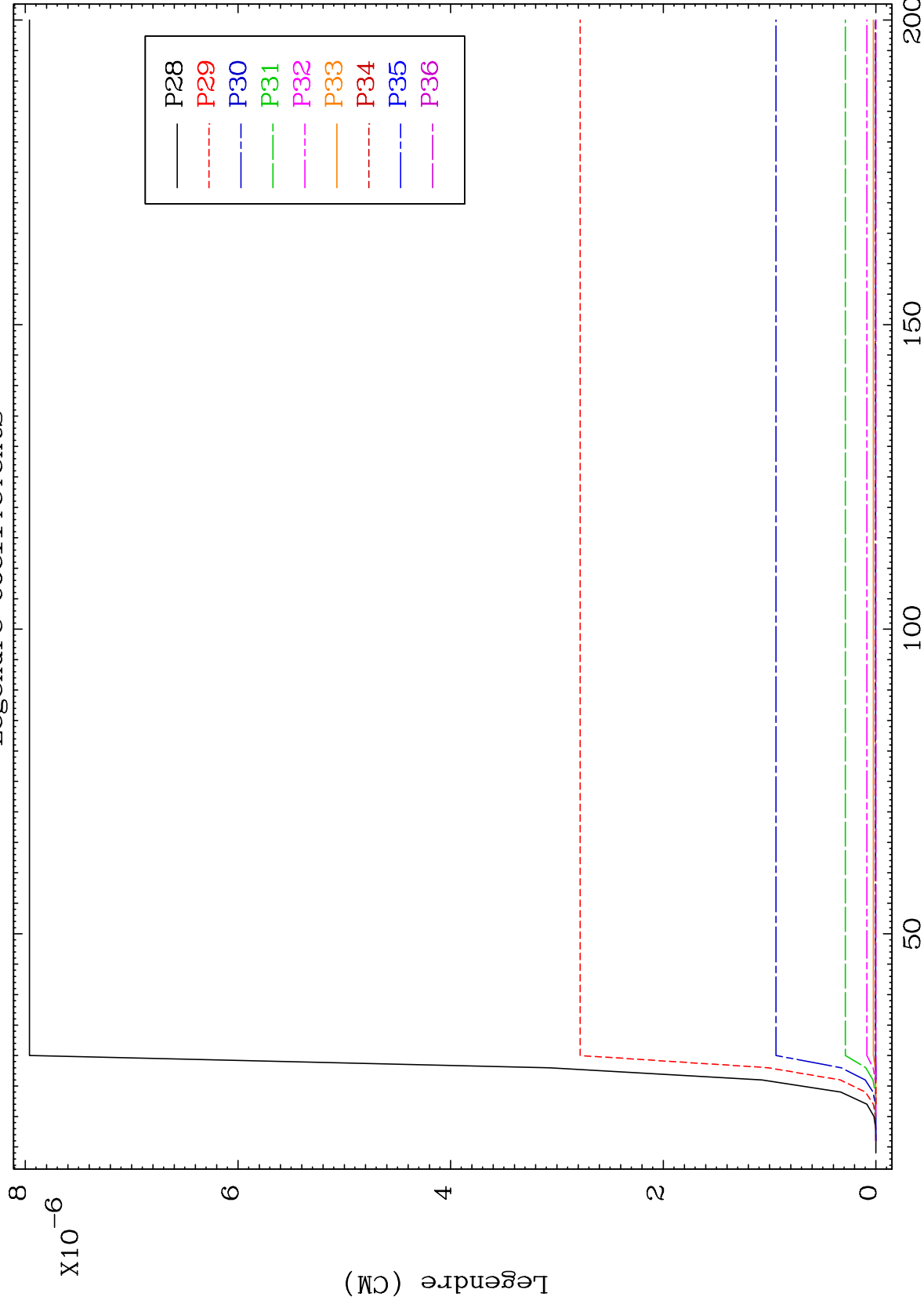
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



39

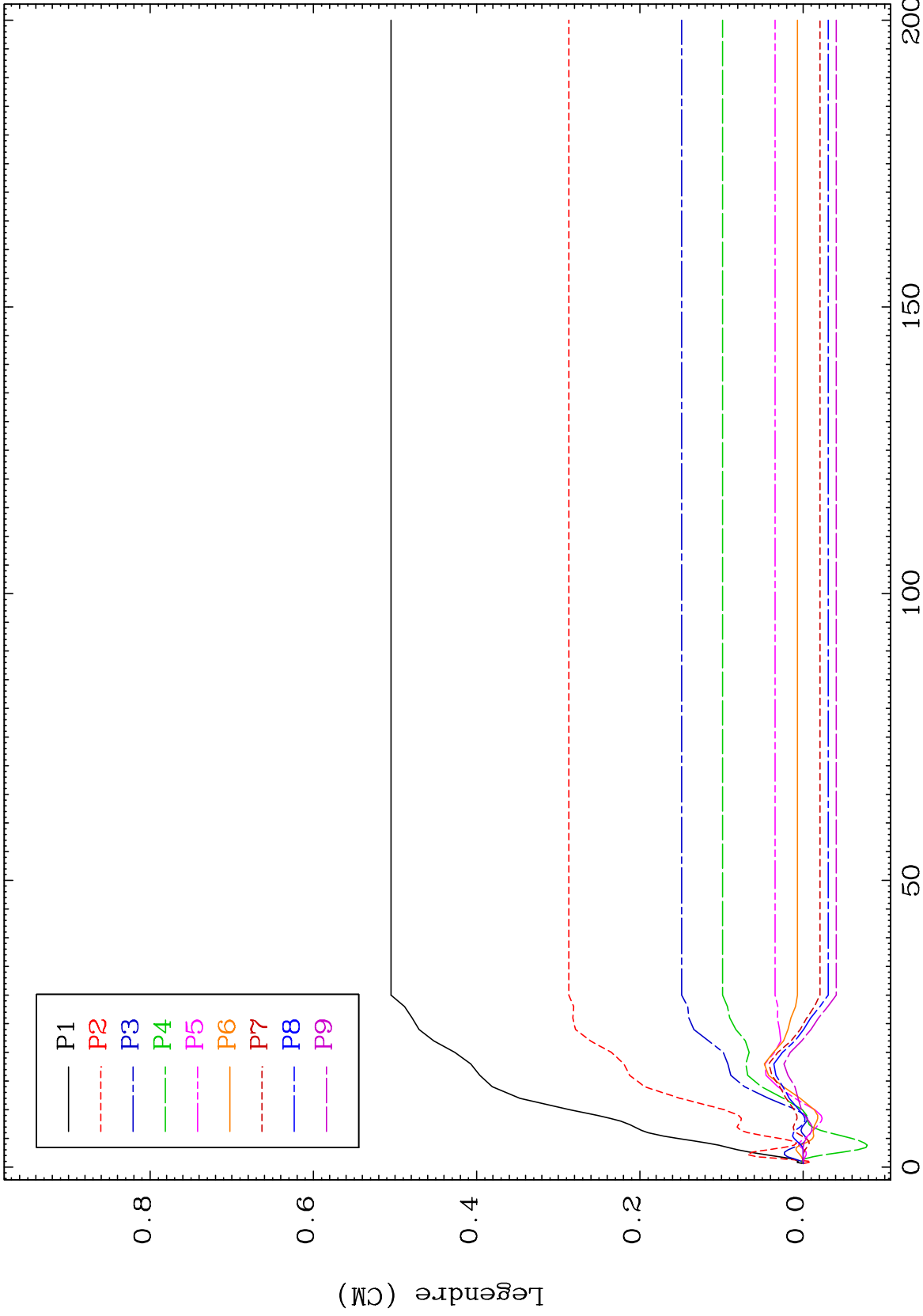
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



40

50

100

150

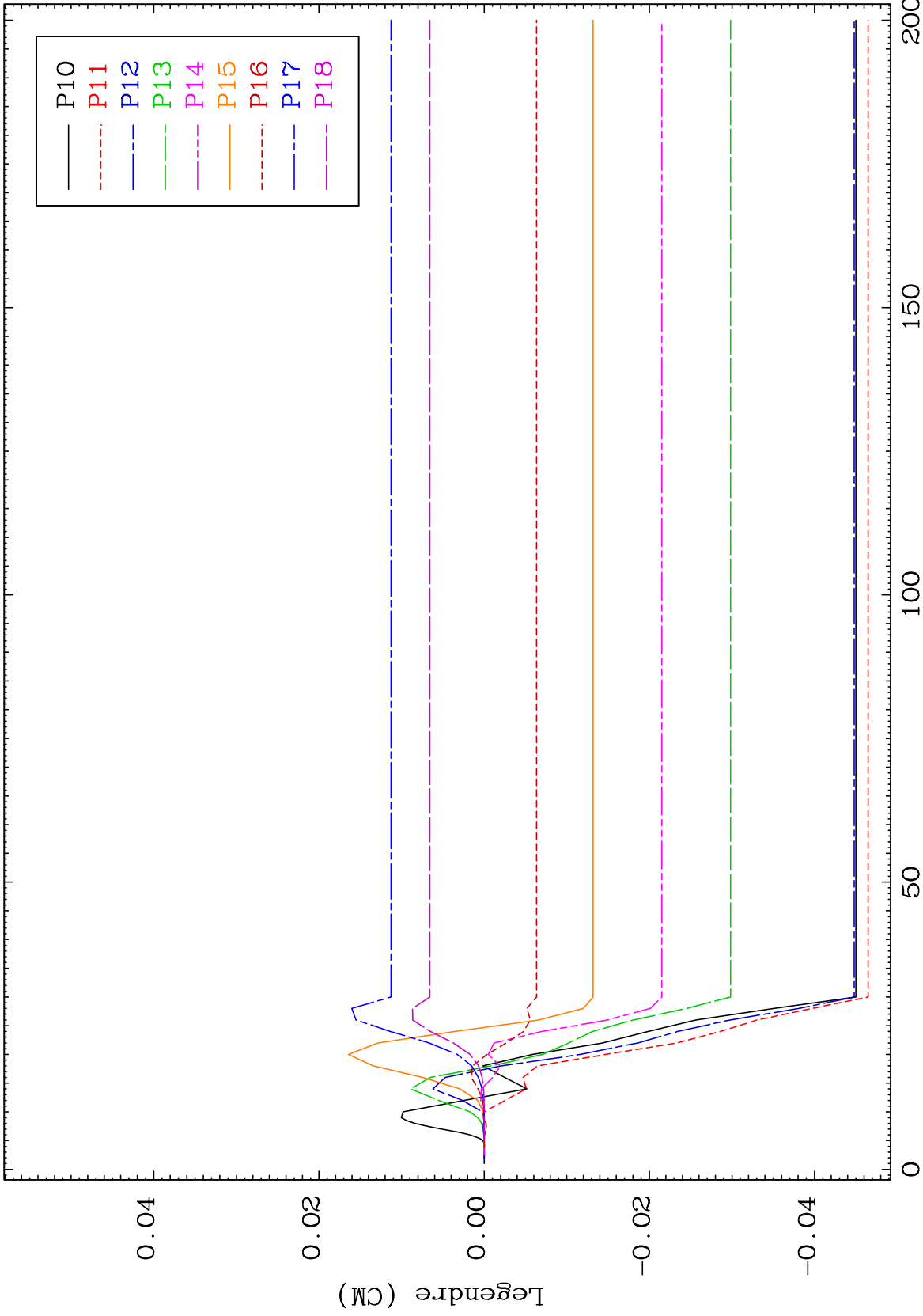
200

62-Sm-141

MAT 6216

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

62-Sm-141



41

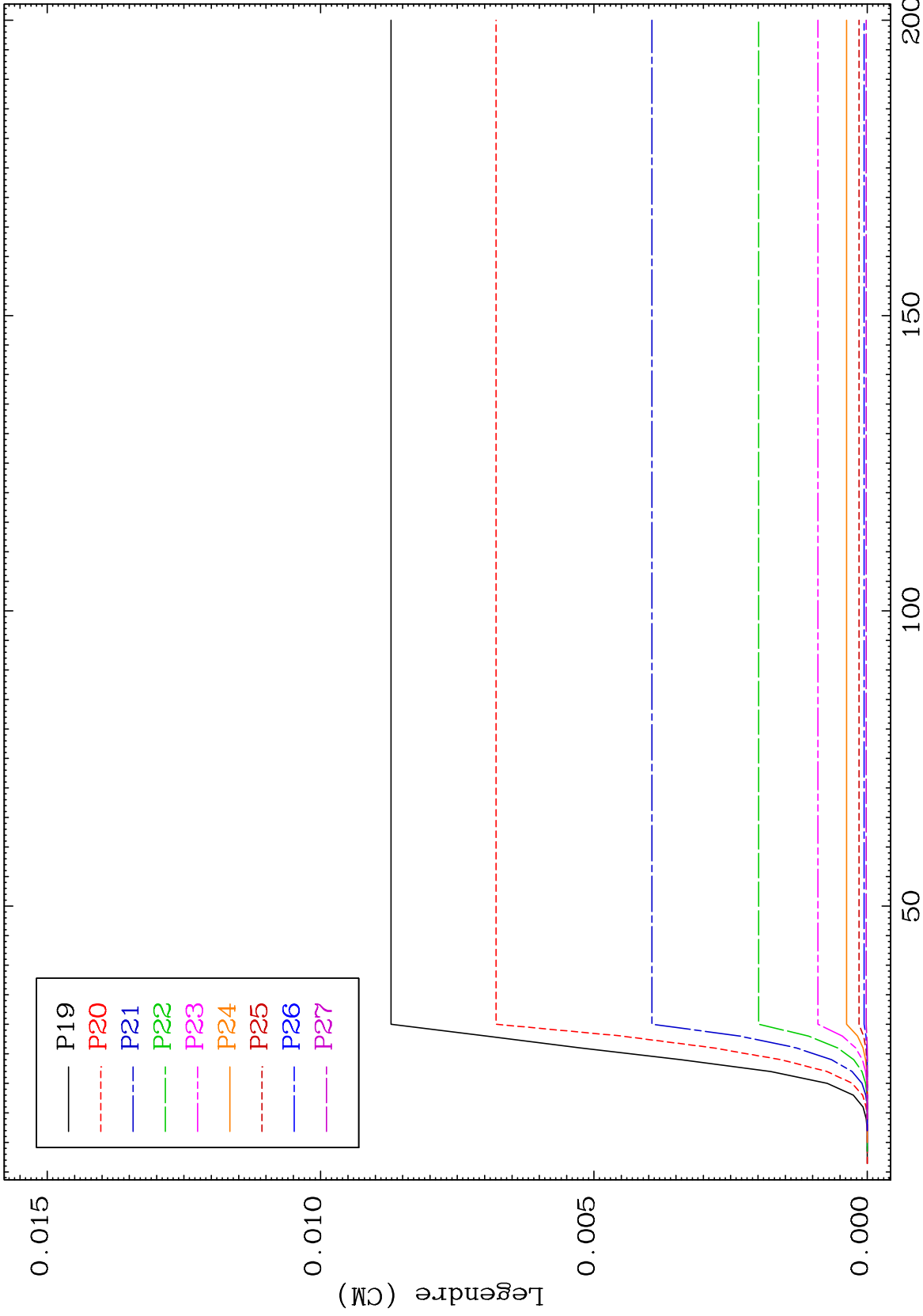
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



42

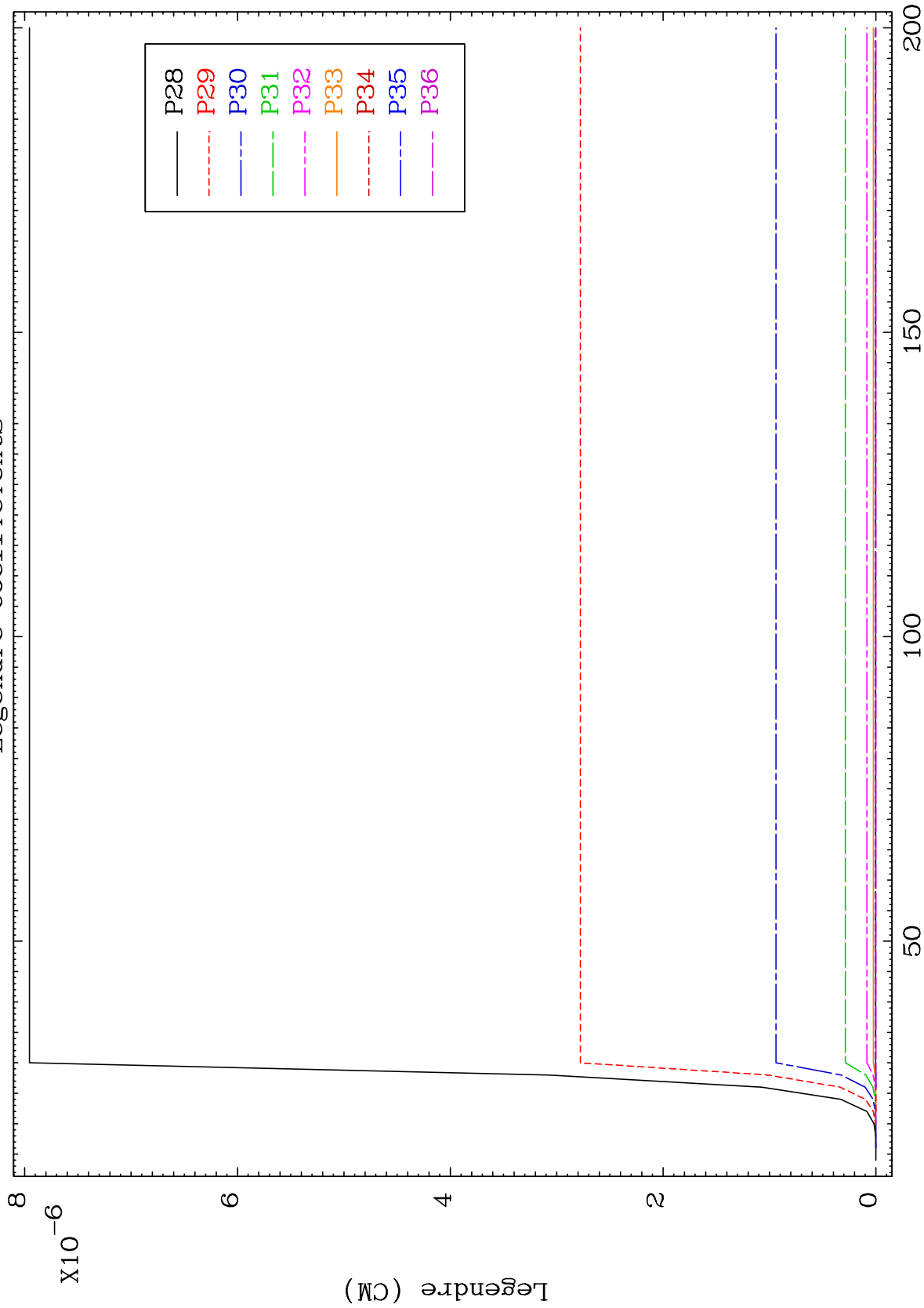
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



43

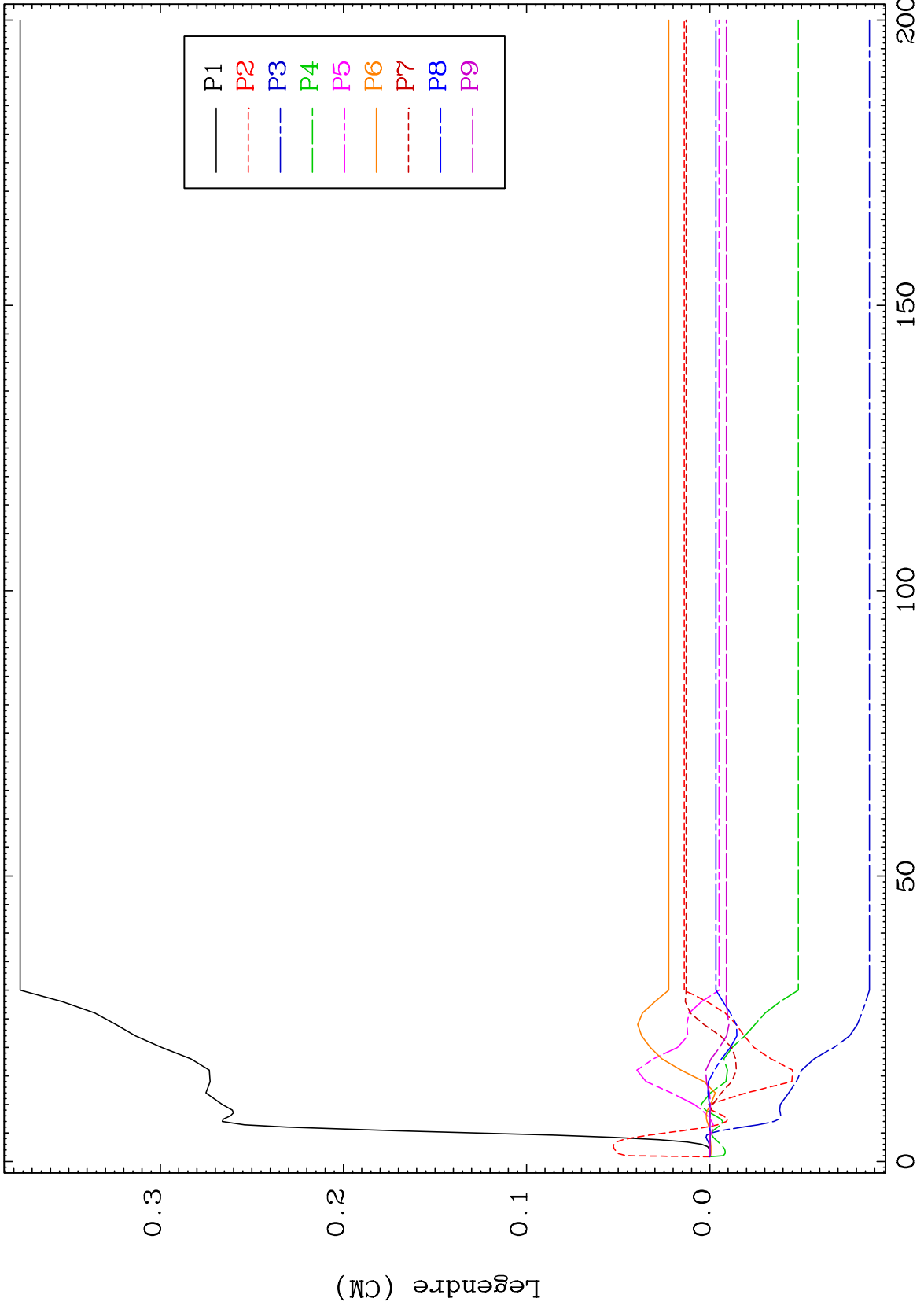
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



44

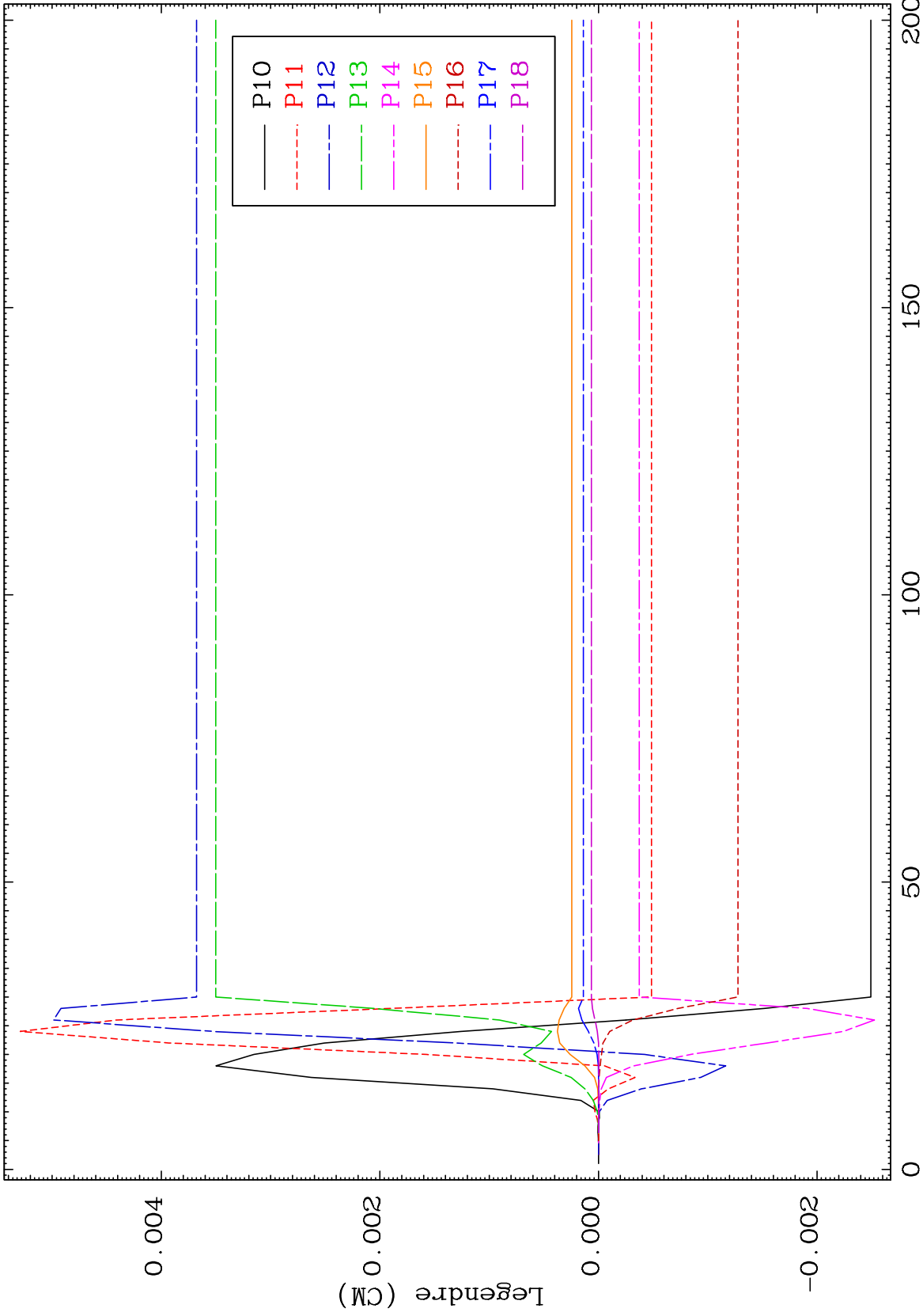
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



45

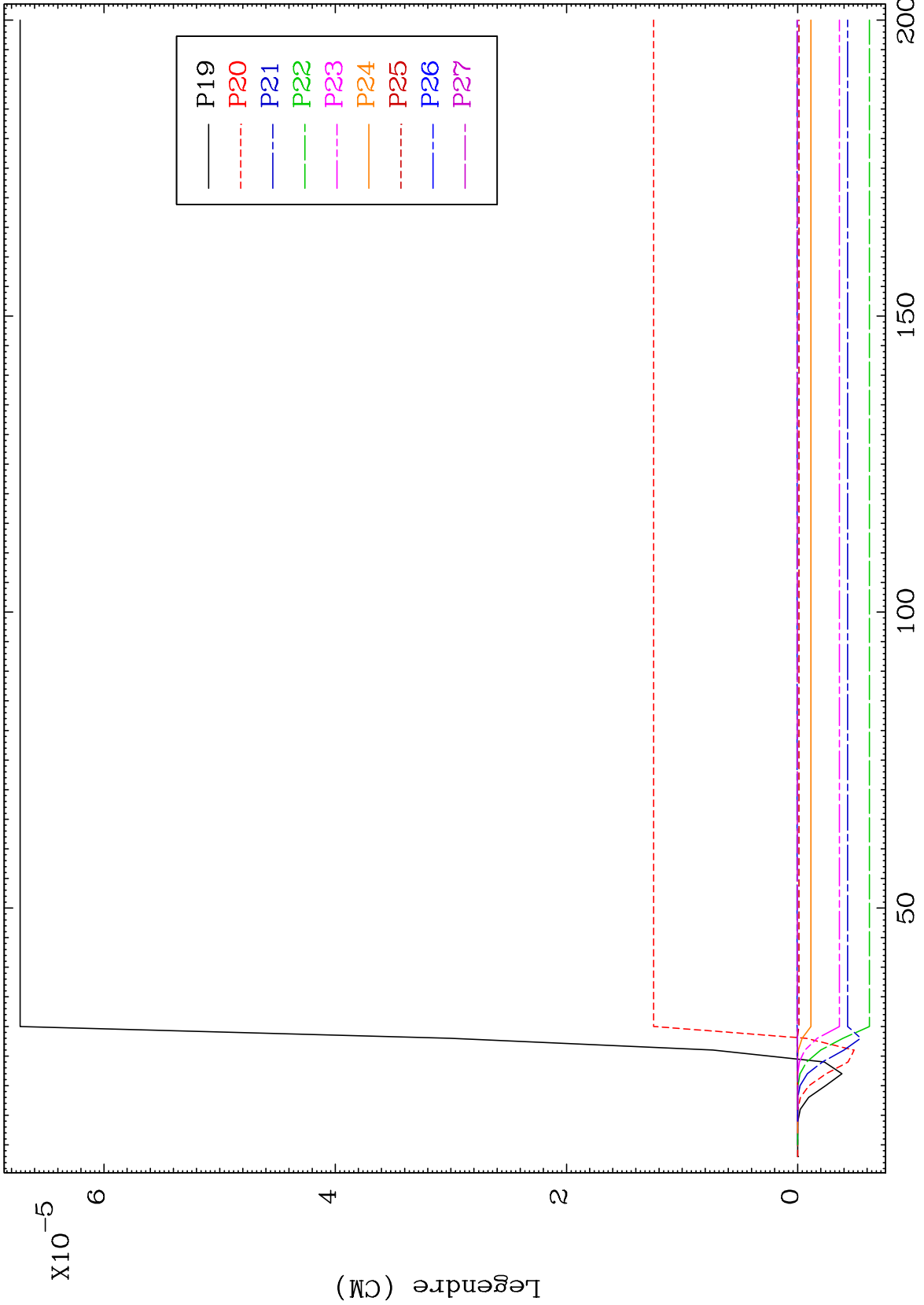
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



46

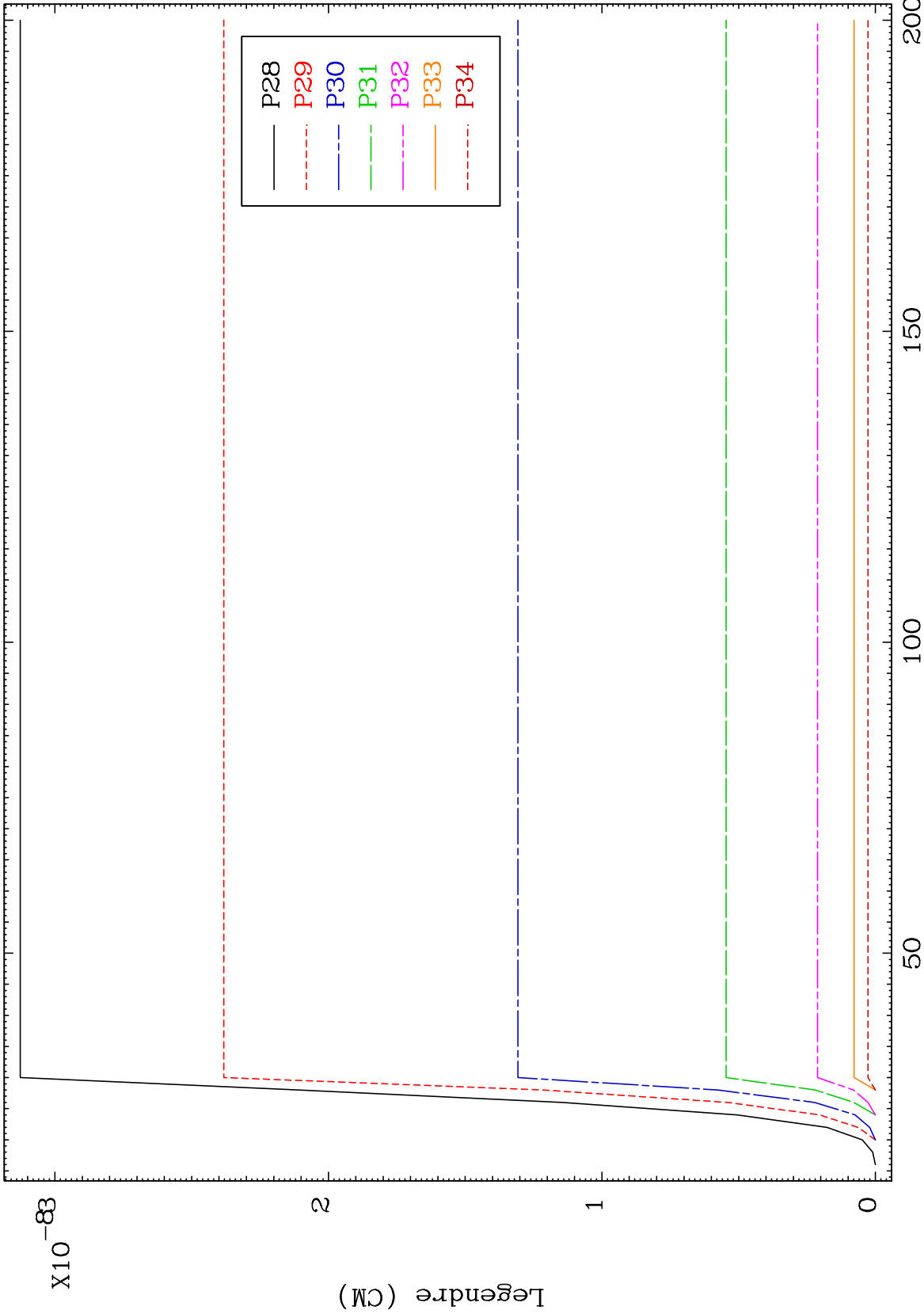
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

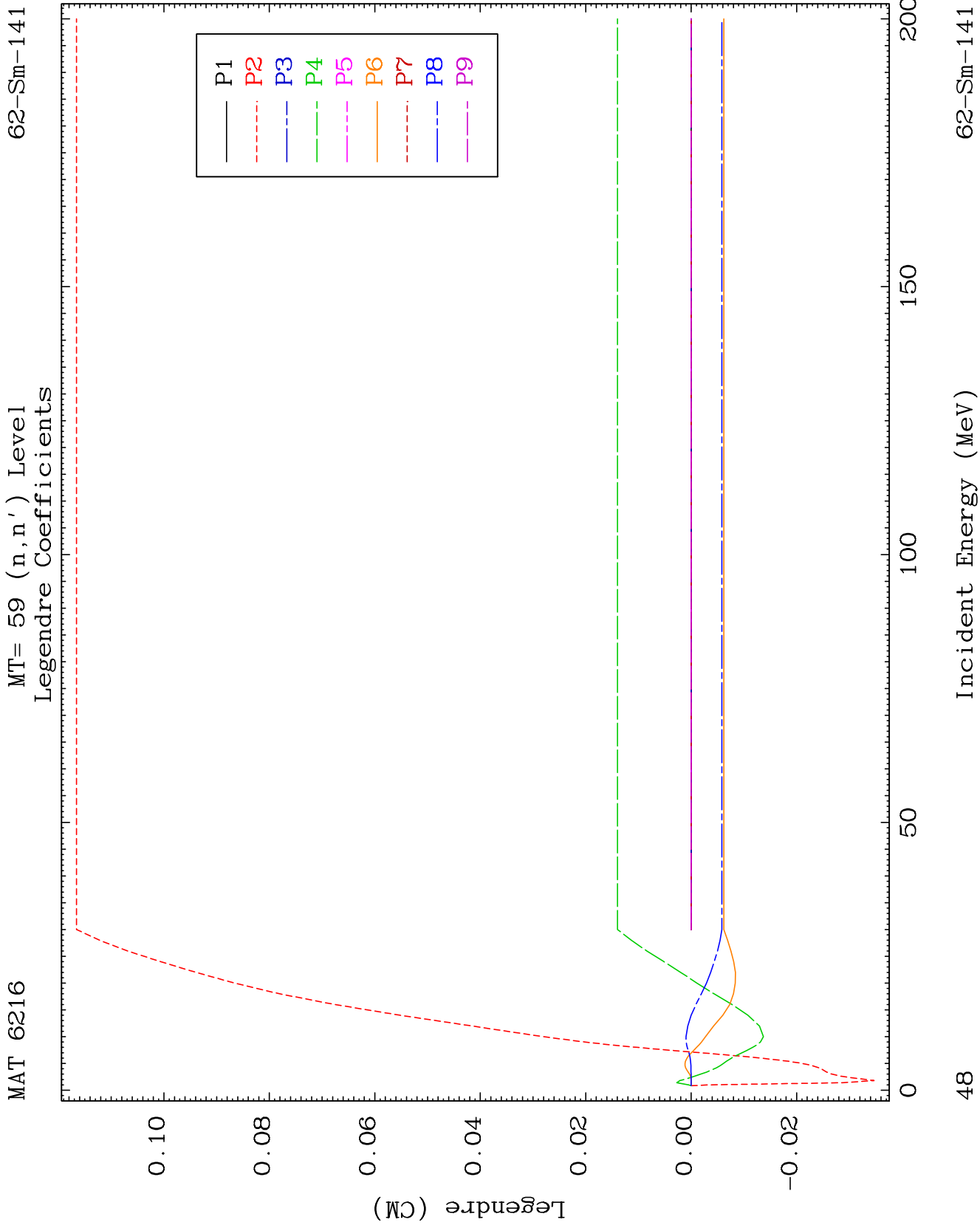
62-Sm-141



47

Incident Energy (MeV)

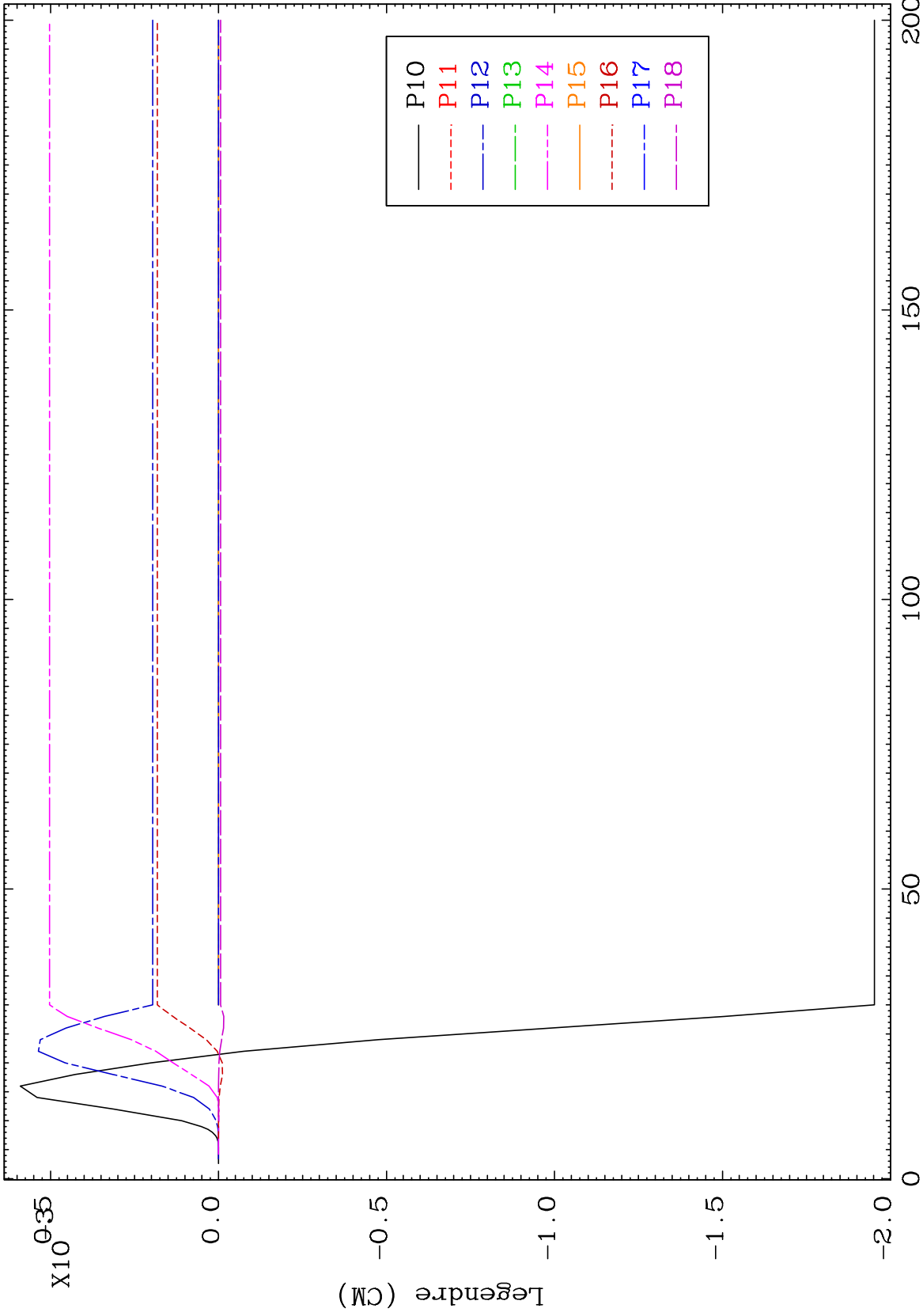
62-Sm-141



MAT 6216

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

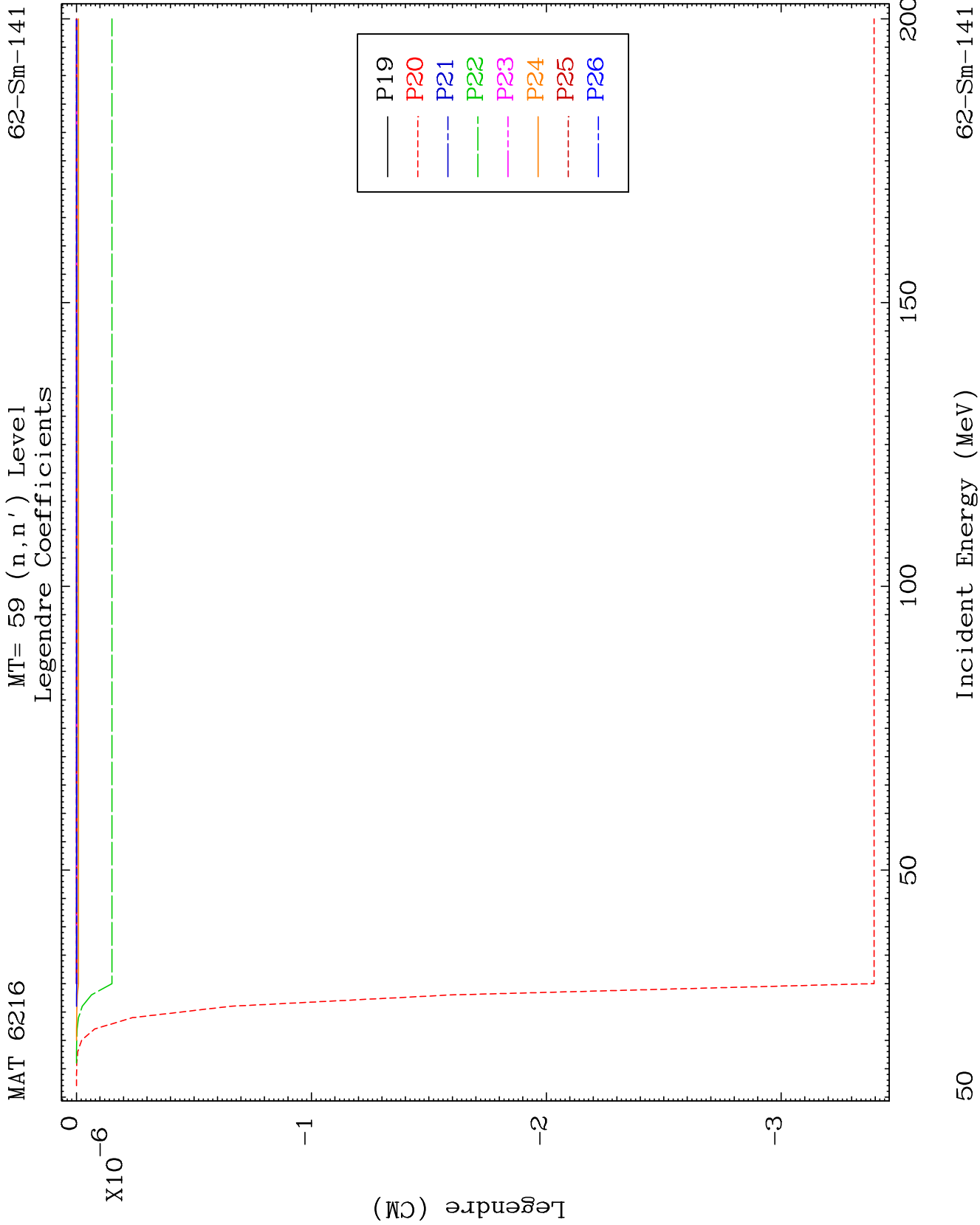
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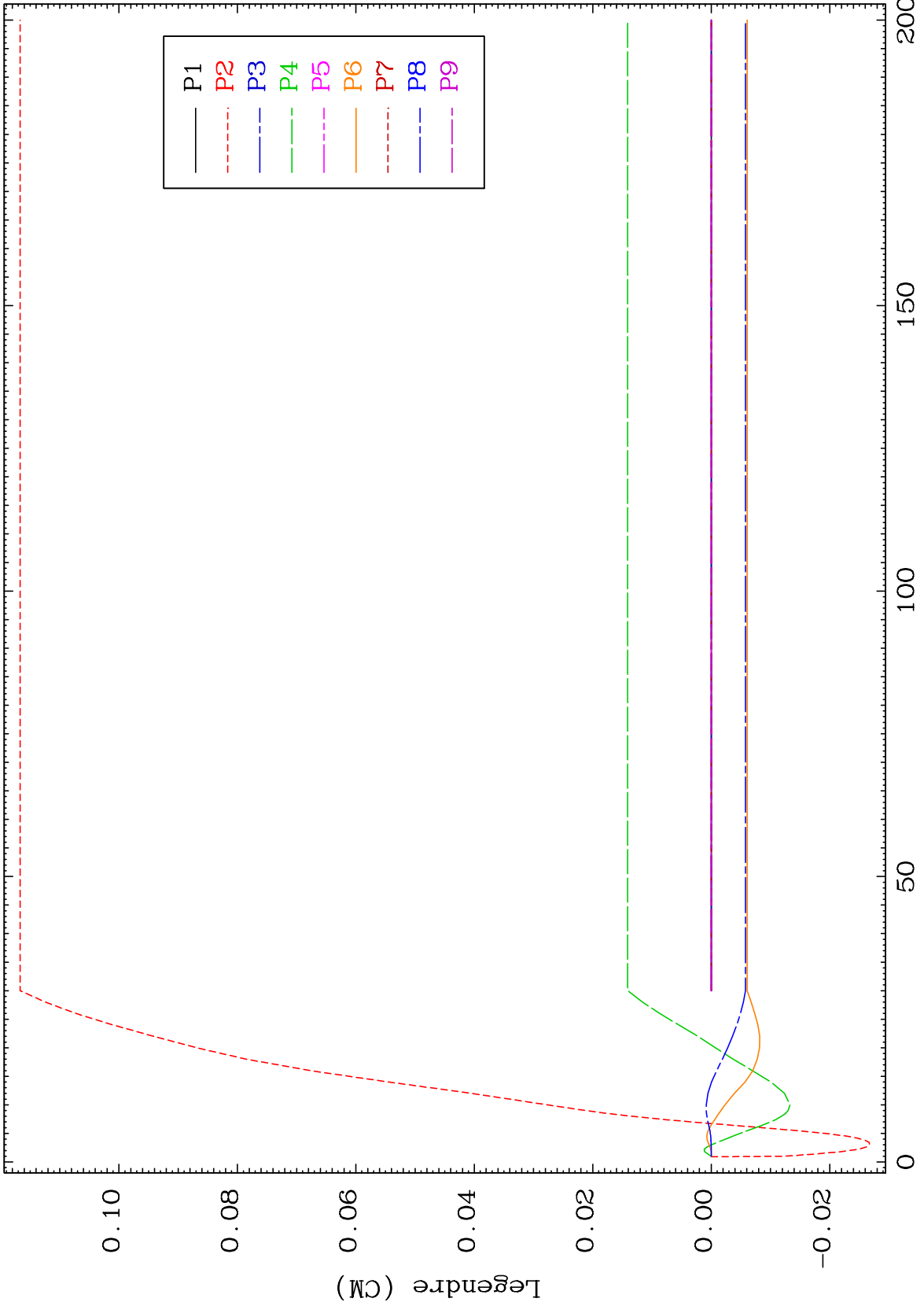
49

Incident Energy (MeV)

62-Sm-141



MAT 6216 MT= 60 (n,n') Level Legendre Coefficients 62-Sm-141

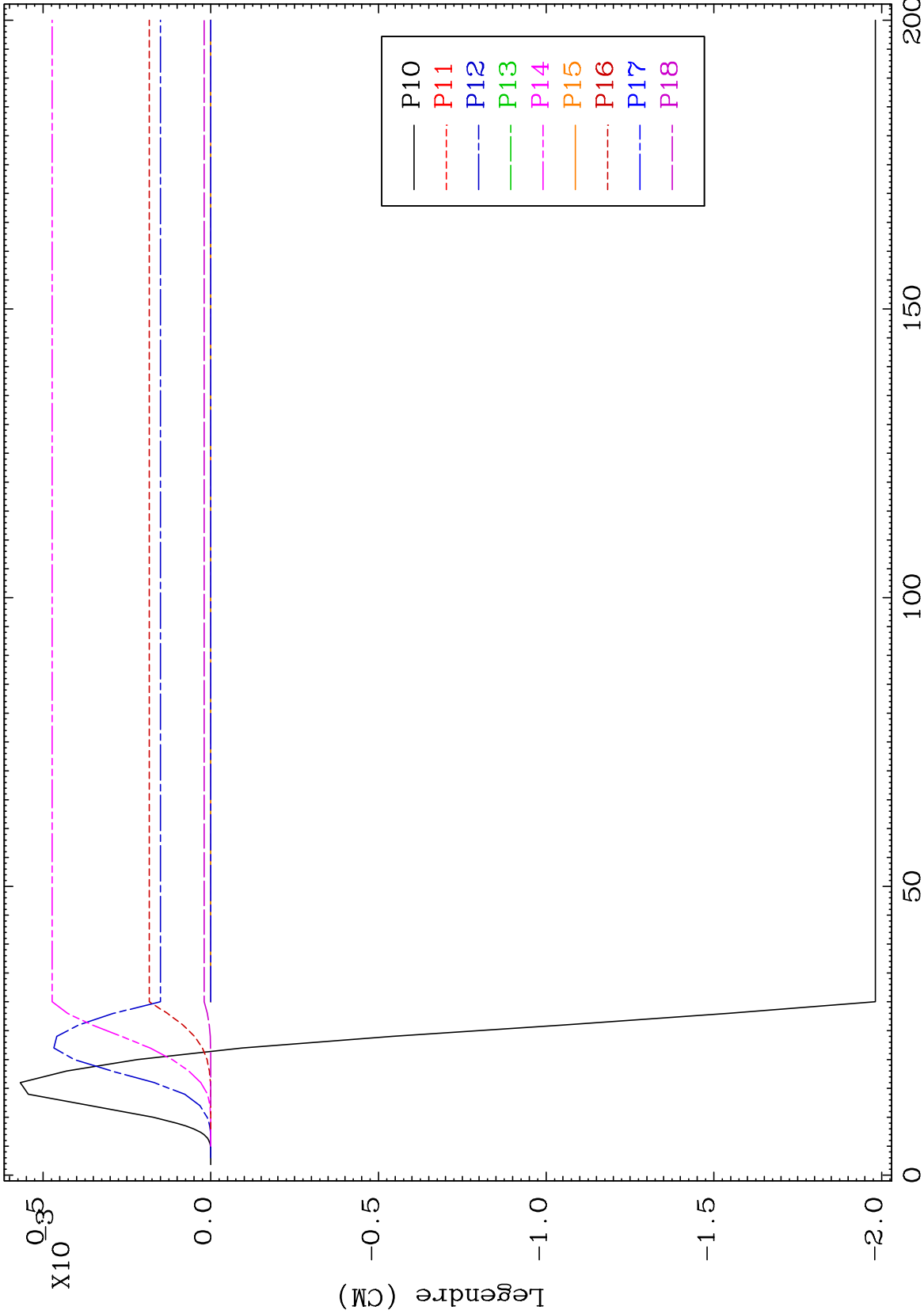


51 62-Sm-141

MAT 6216

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

62-Sm-141



52

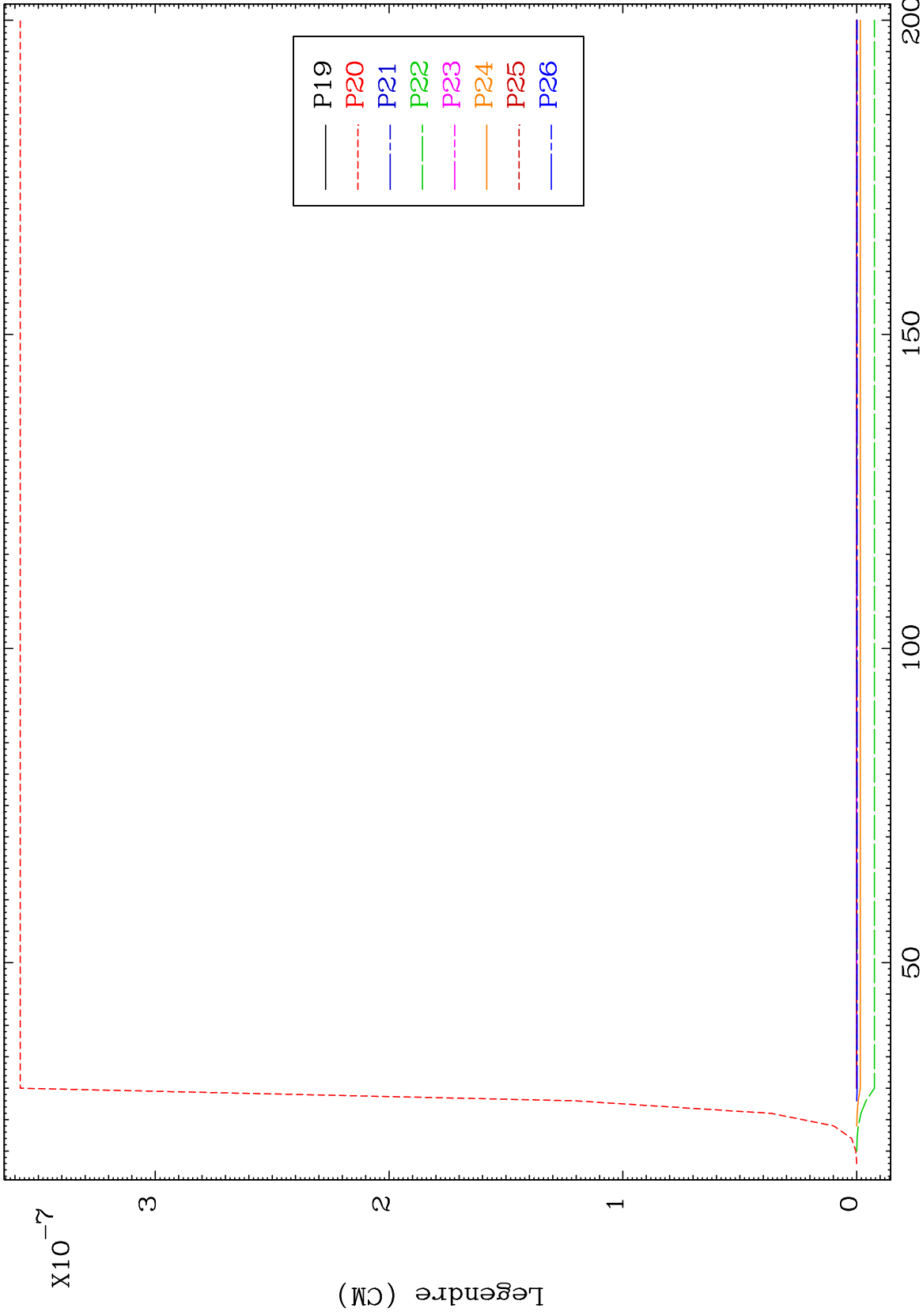
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



53

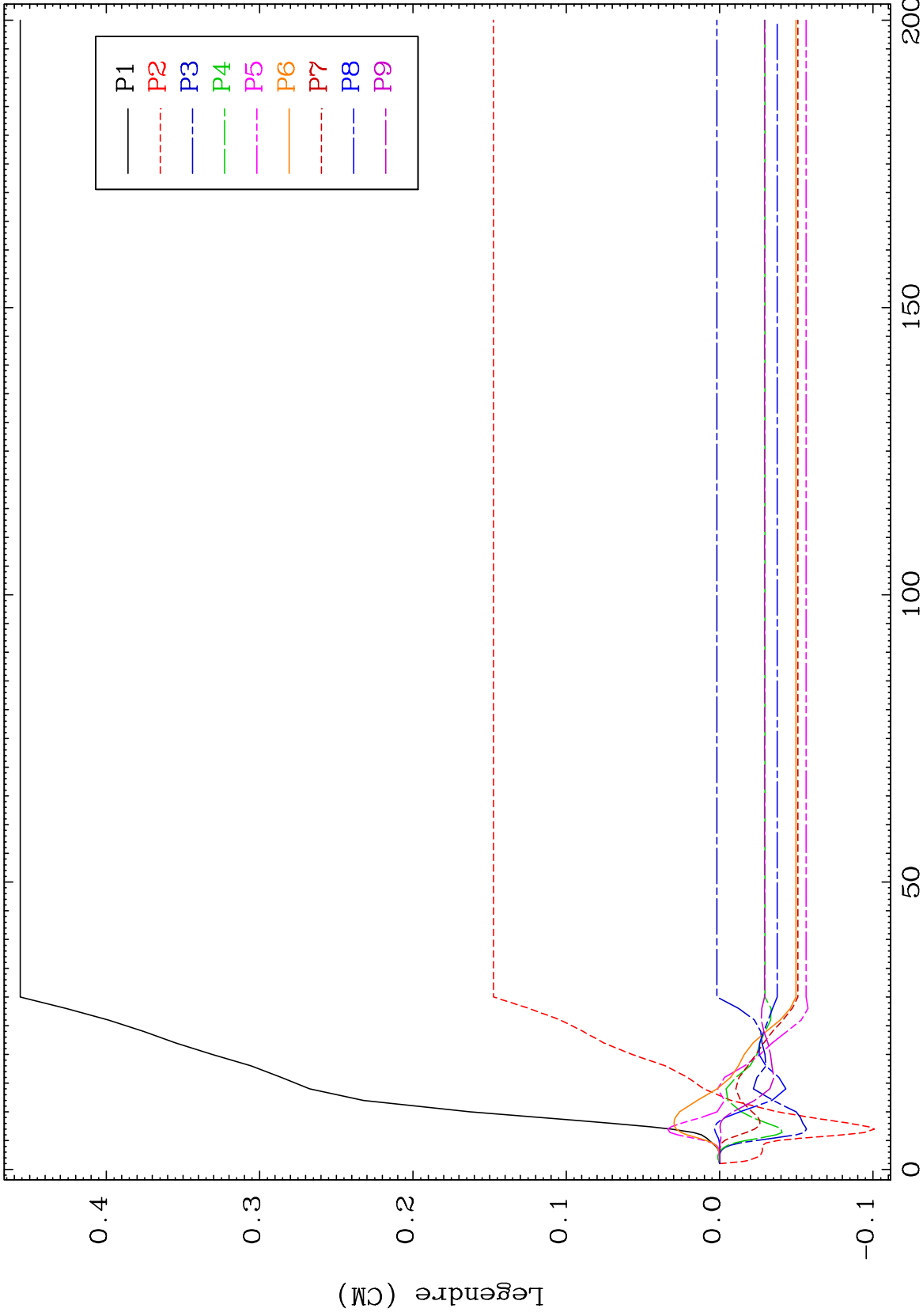
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



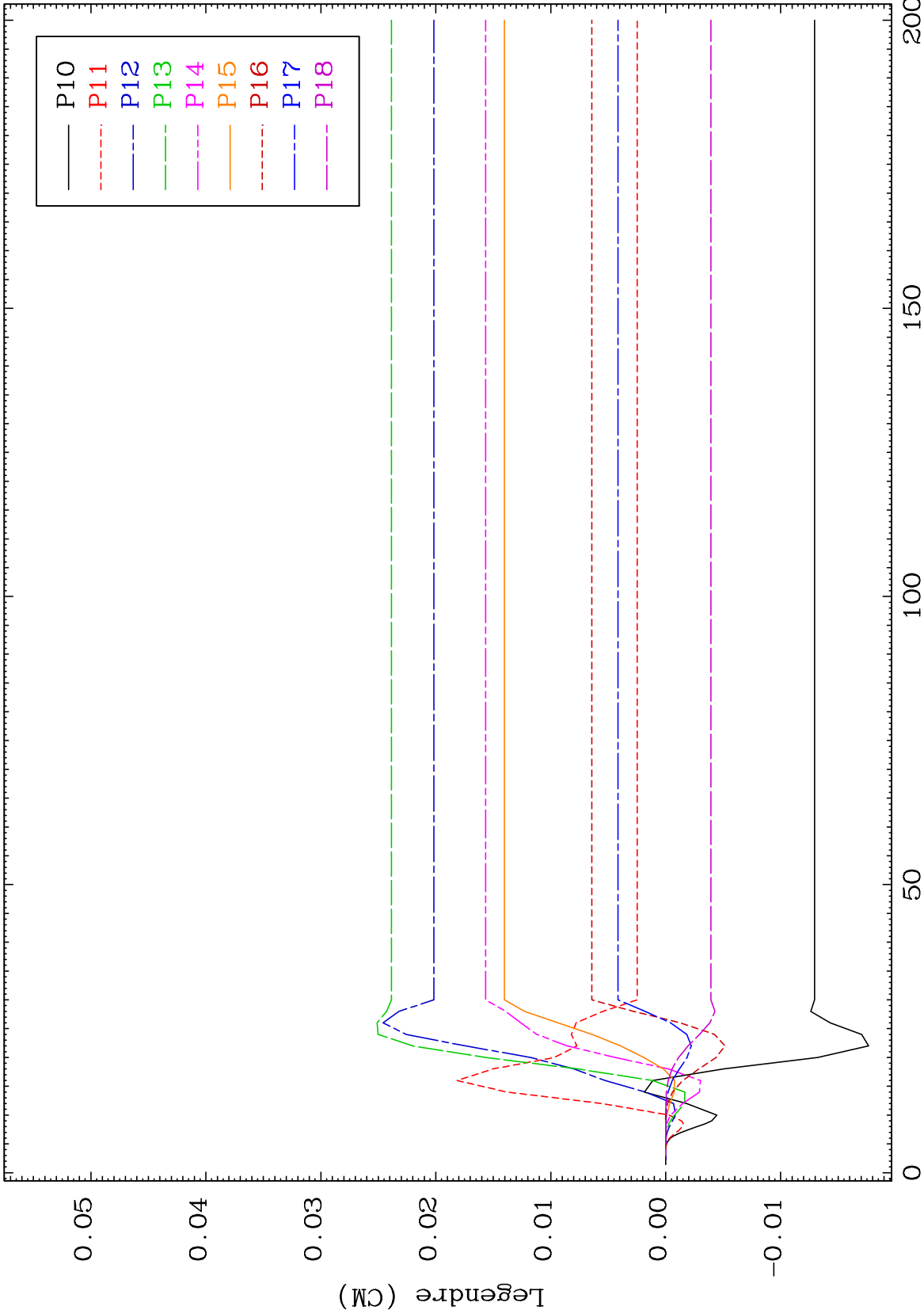
54

62-Sm-141

MAT 6216

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

62-Sm-141



55

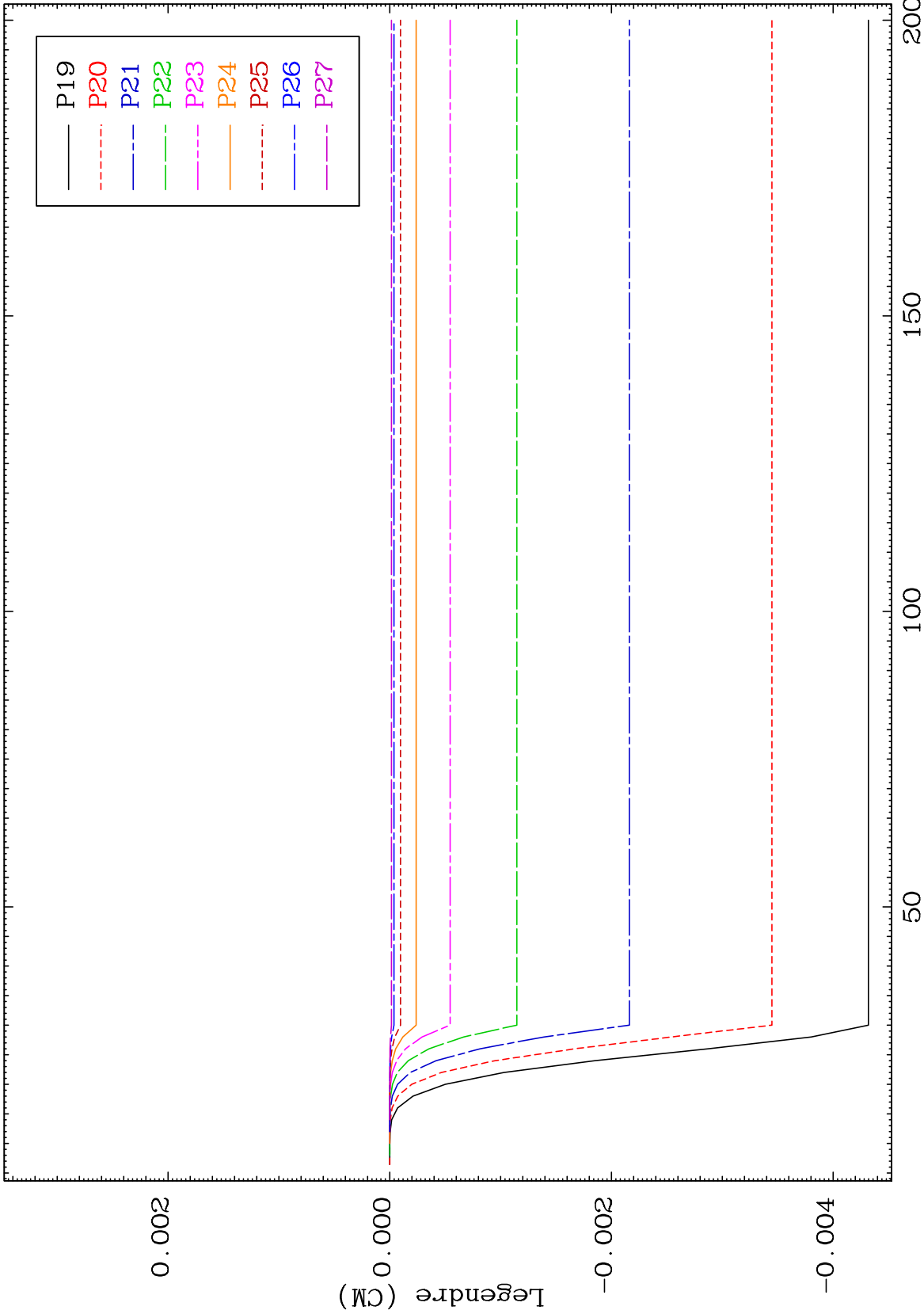
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

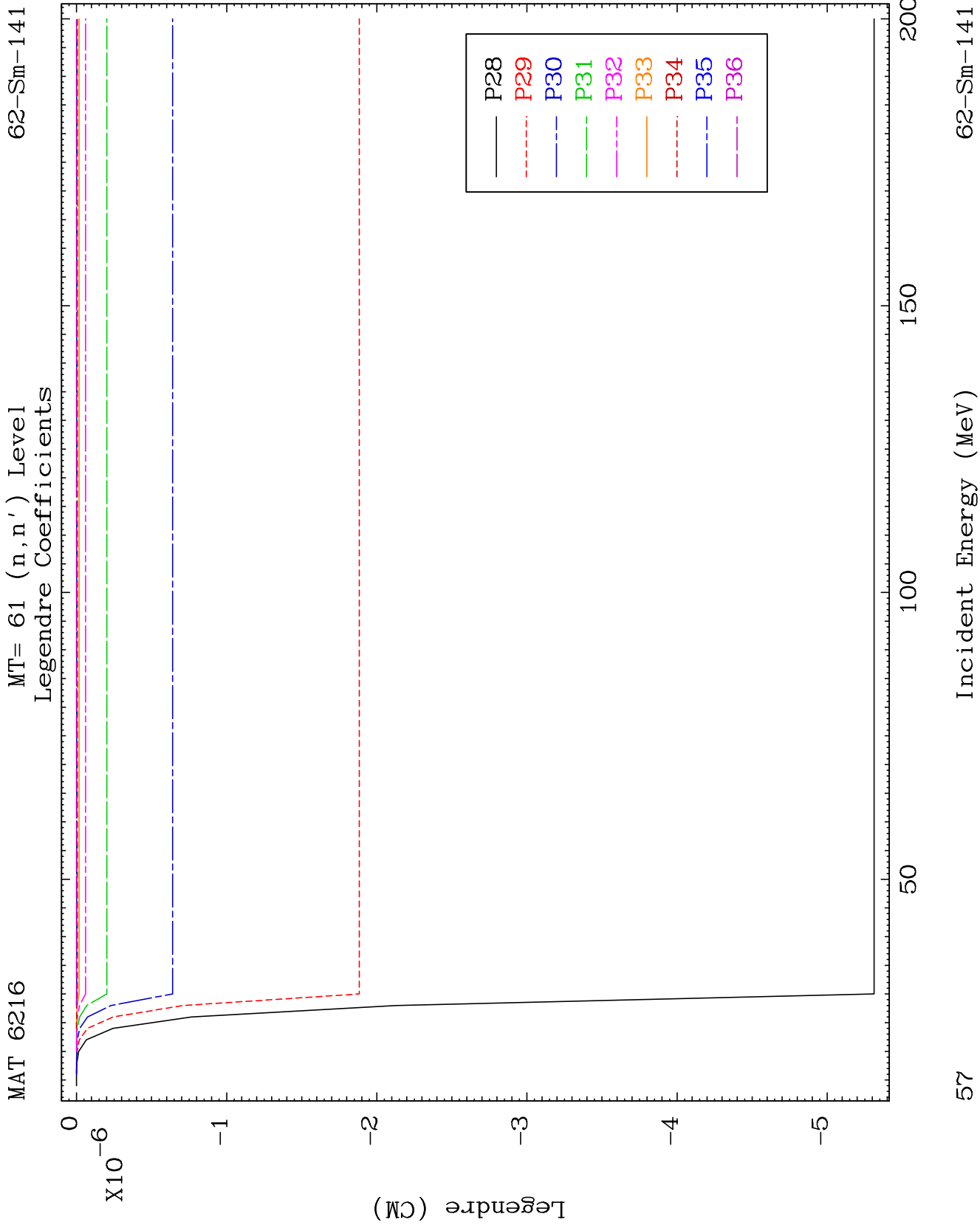
62-Sm-141



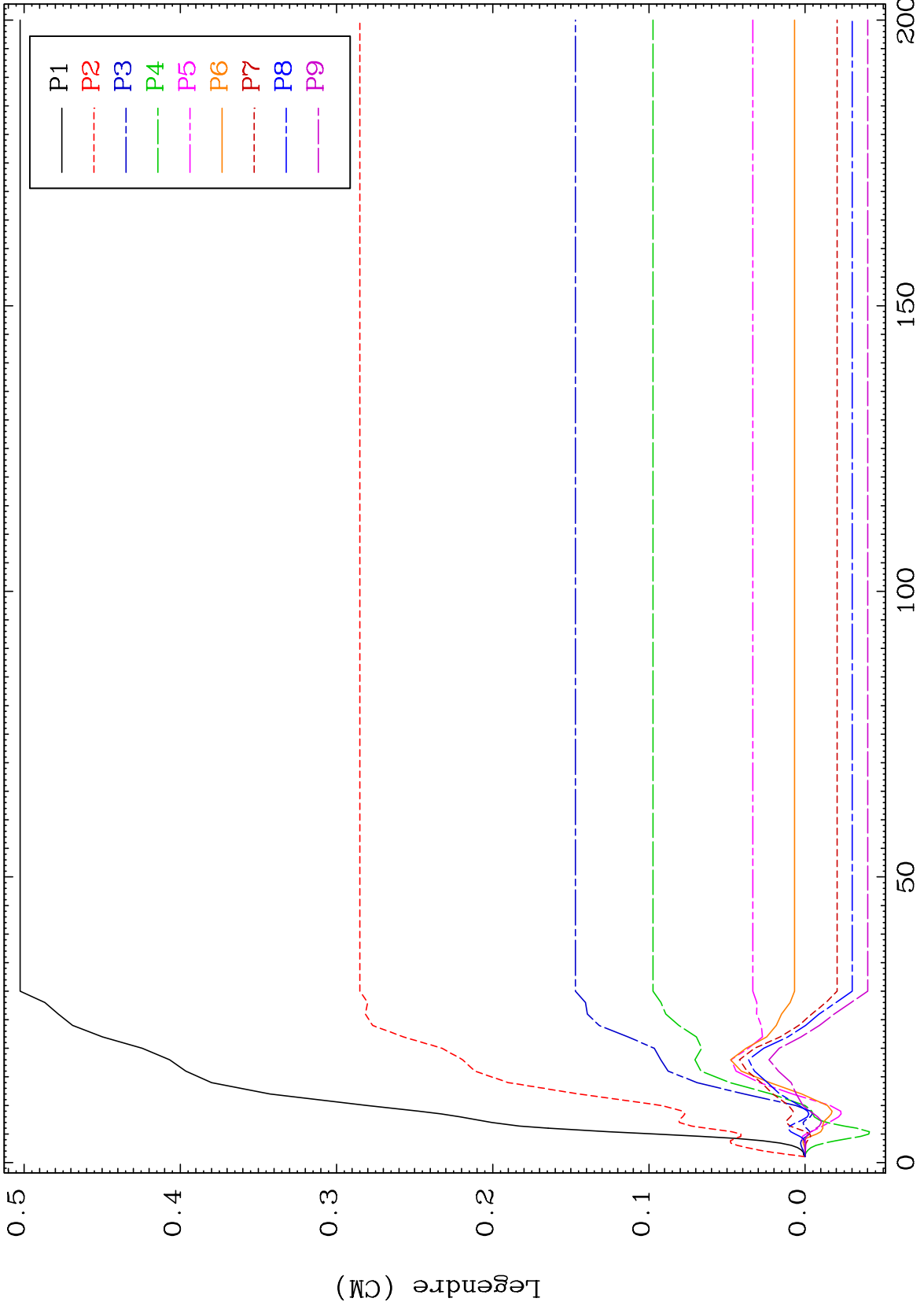
56

Incident Energy (MeV)

62-Sm-141



MAT 6216 MT= 62 (n,n') Level Legendre Coefficients 62-Sm-141

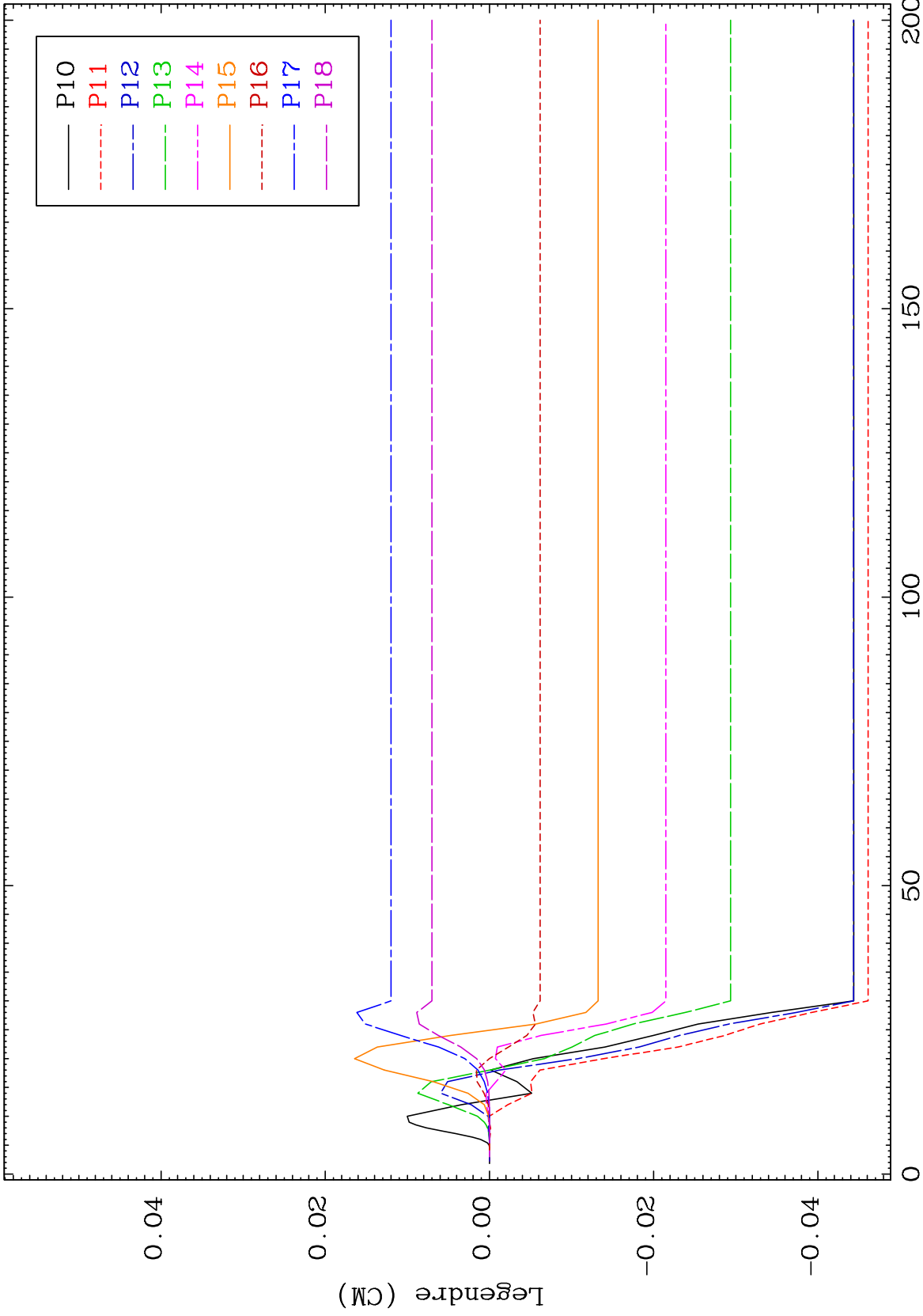


58 Incident Energy (MeV) 62-Sm-141

MAT 6216

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

62-Sm-141



59

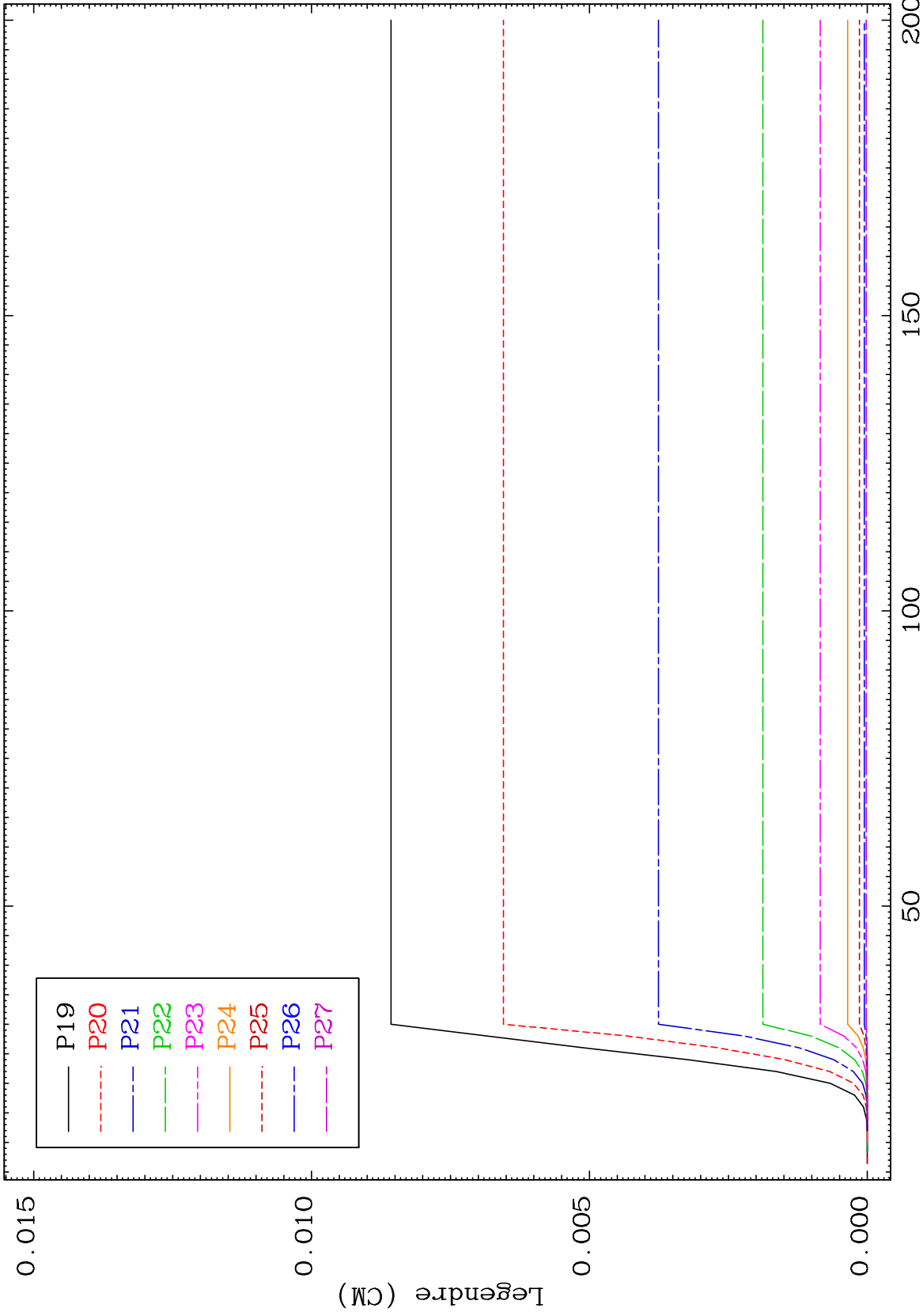
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



60

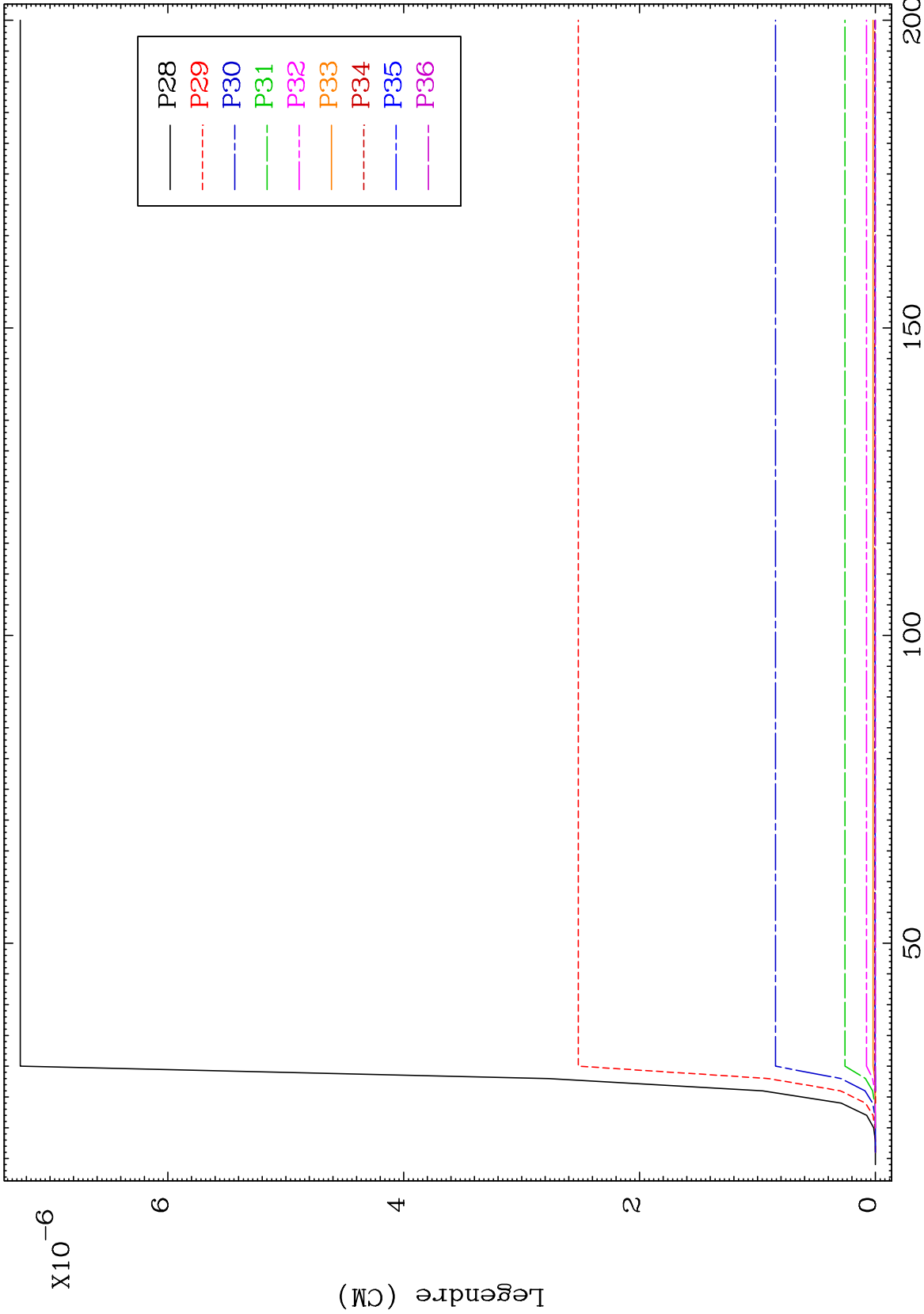
Incident Energy (MeV)

62-Sm-141

MAT 6216

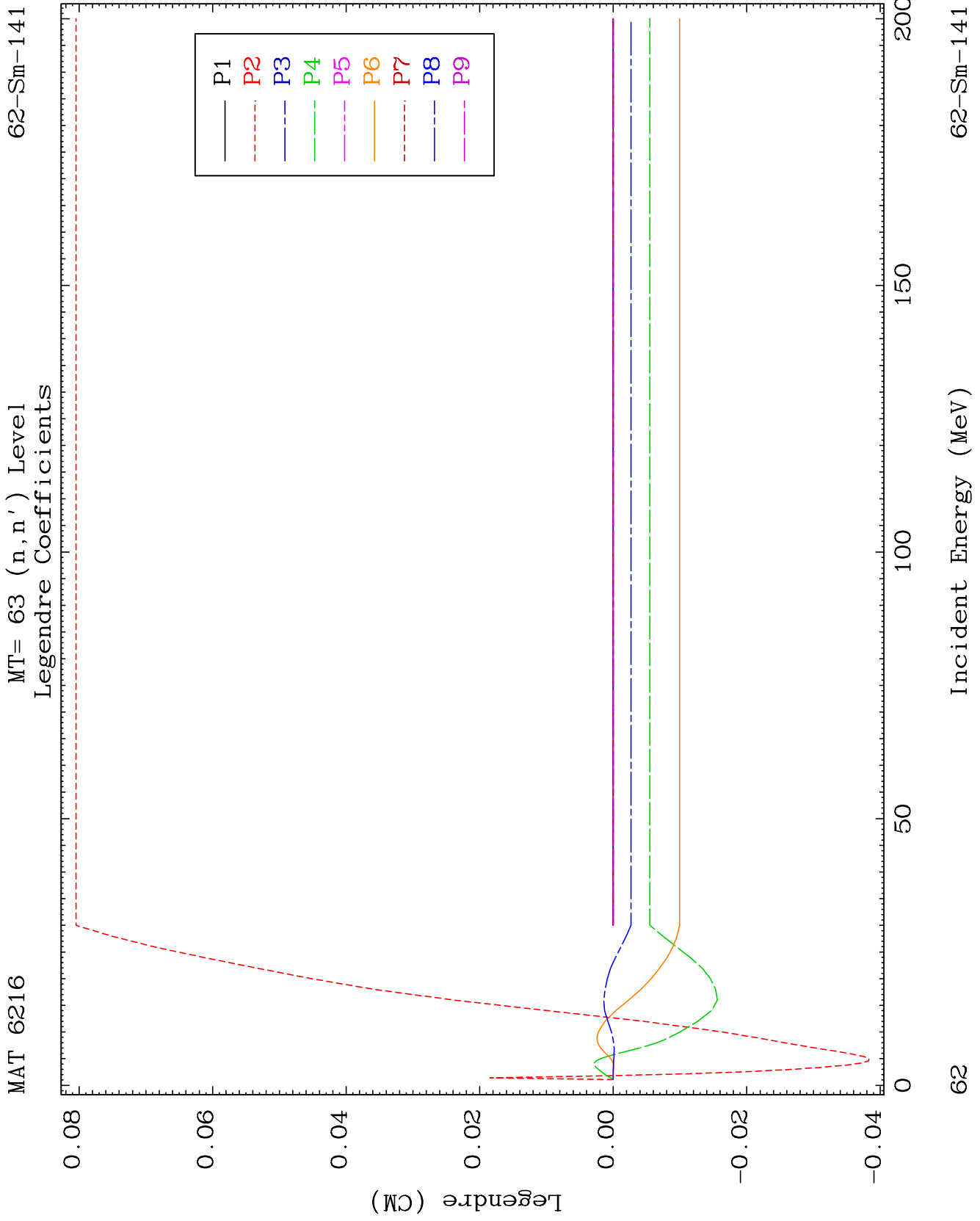
MT= 62 (n,n') Level
Legendre Coefficients

62-Sm-141



61

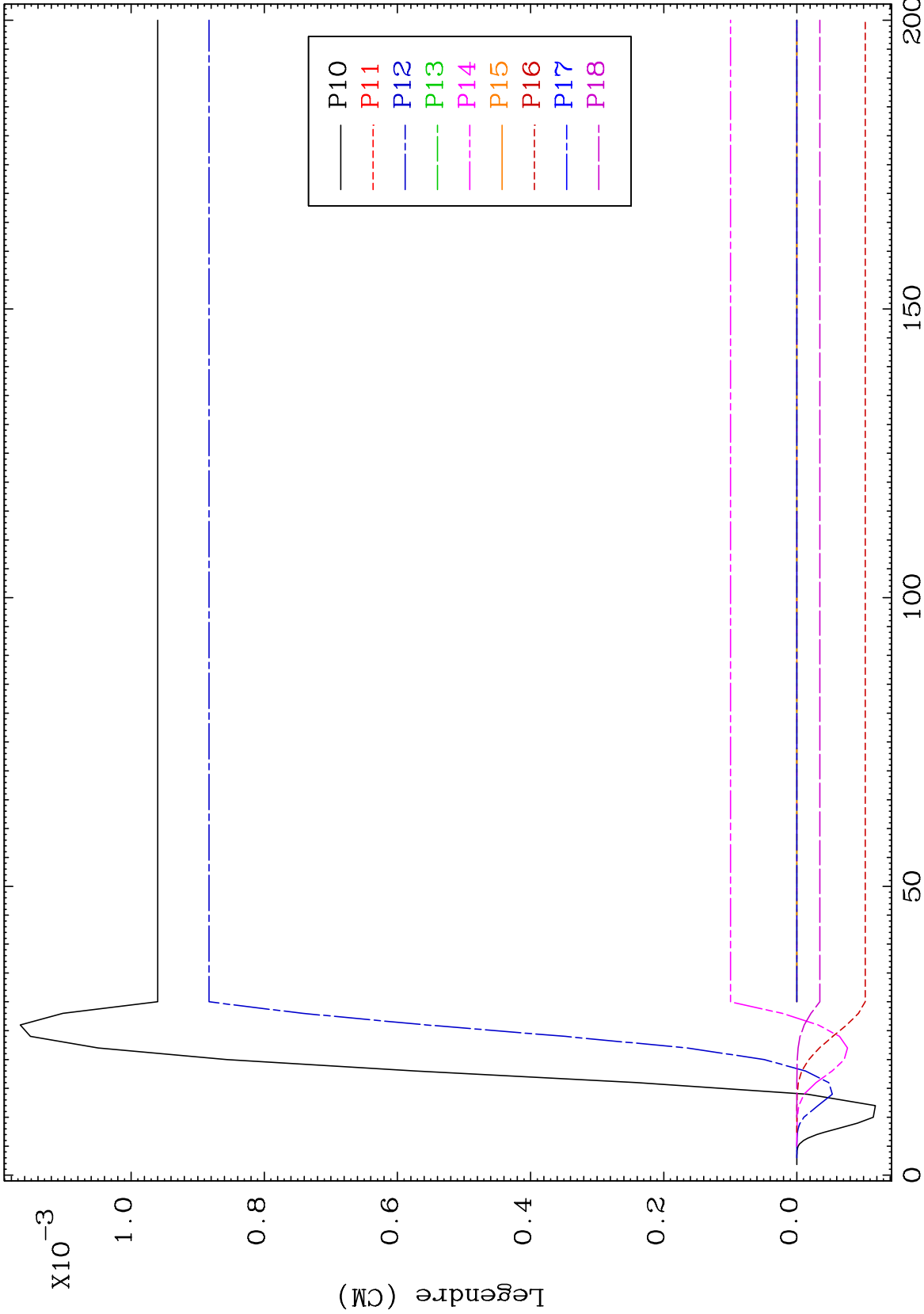
62-Sm-141



MAT 6216

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

62-Sm-141

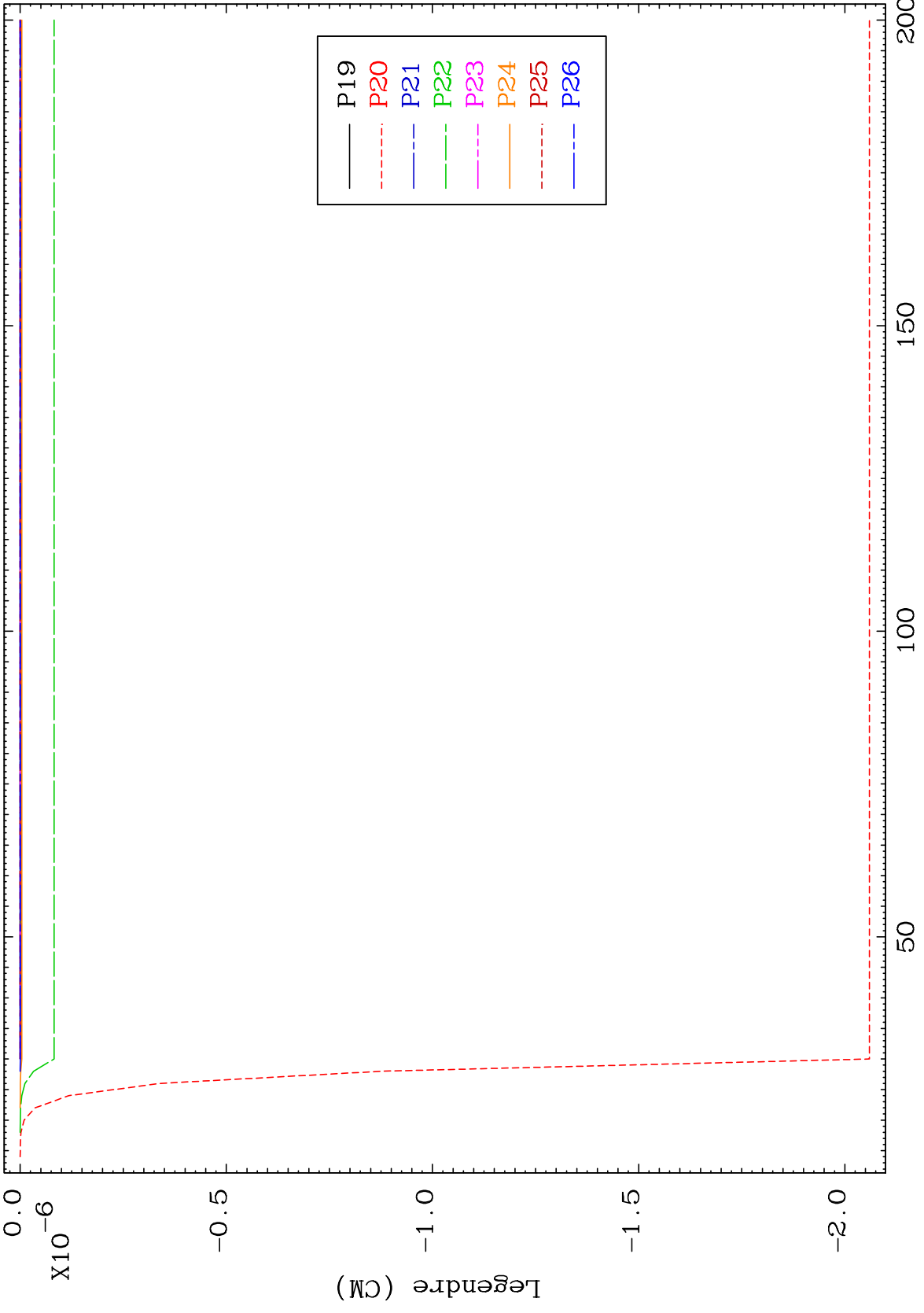


63

Incident Energy (MeV)

62-Sm-141

MAT 6216 MT= 63 (n, n') Level Legendre Coefficients 62-Sm-141

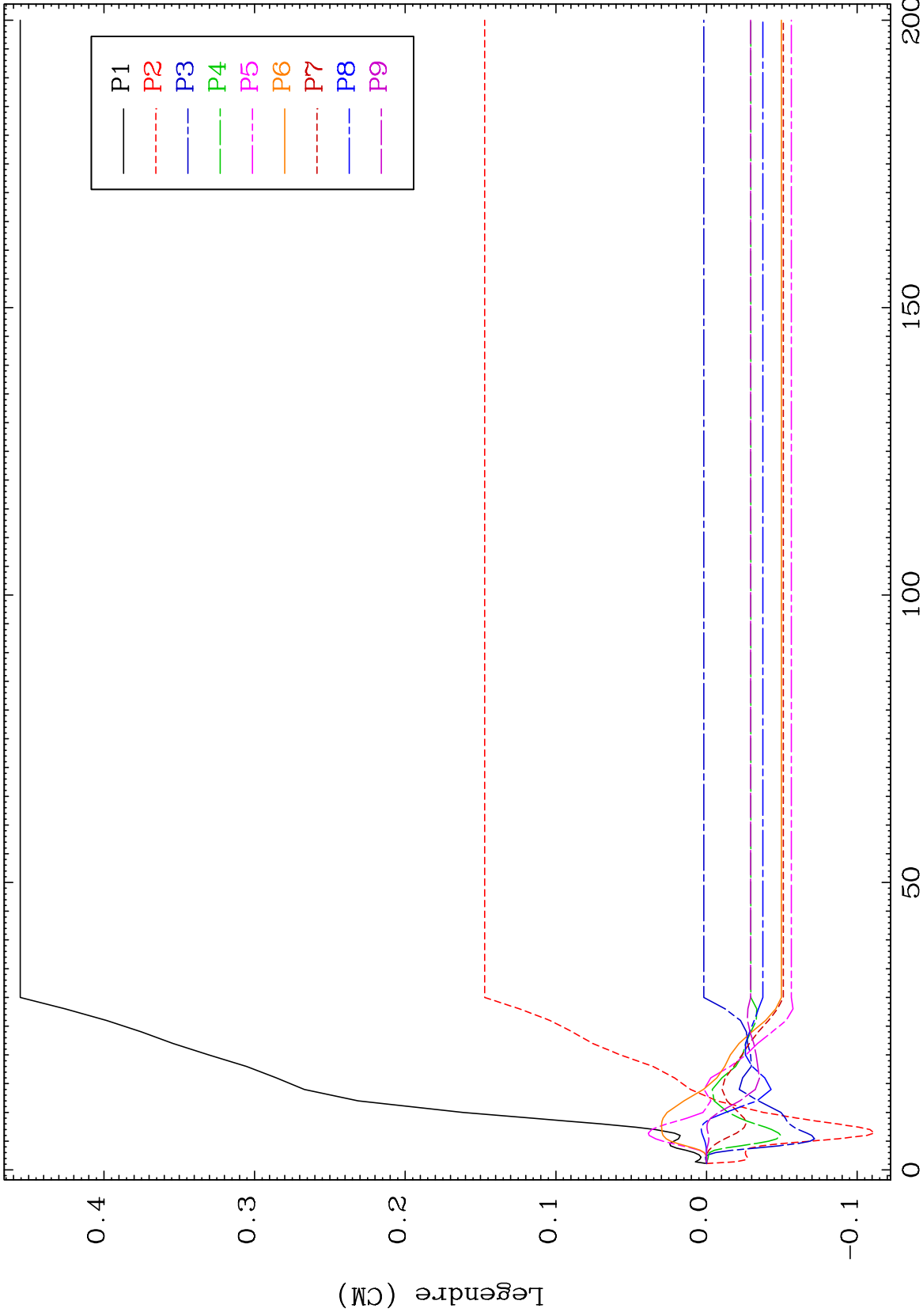


64 62-Sm-141

MAT 6216

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

62-Sm-141



65

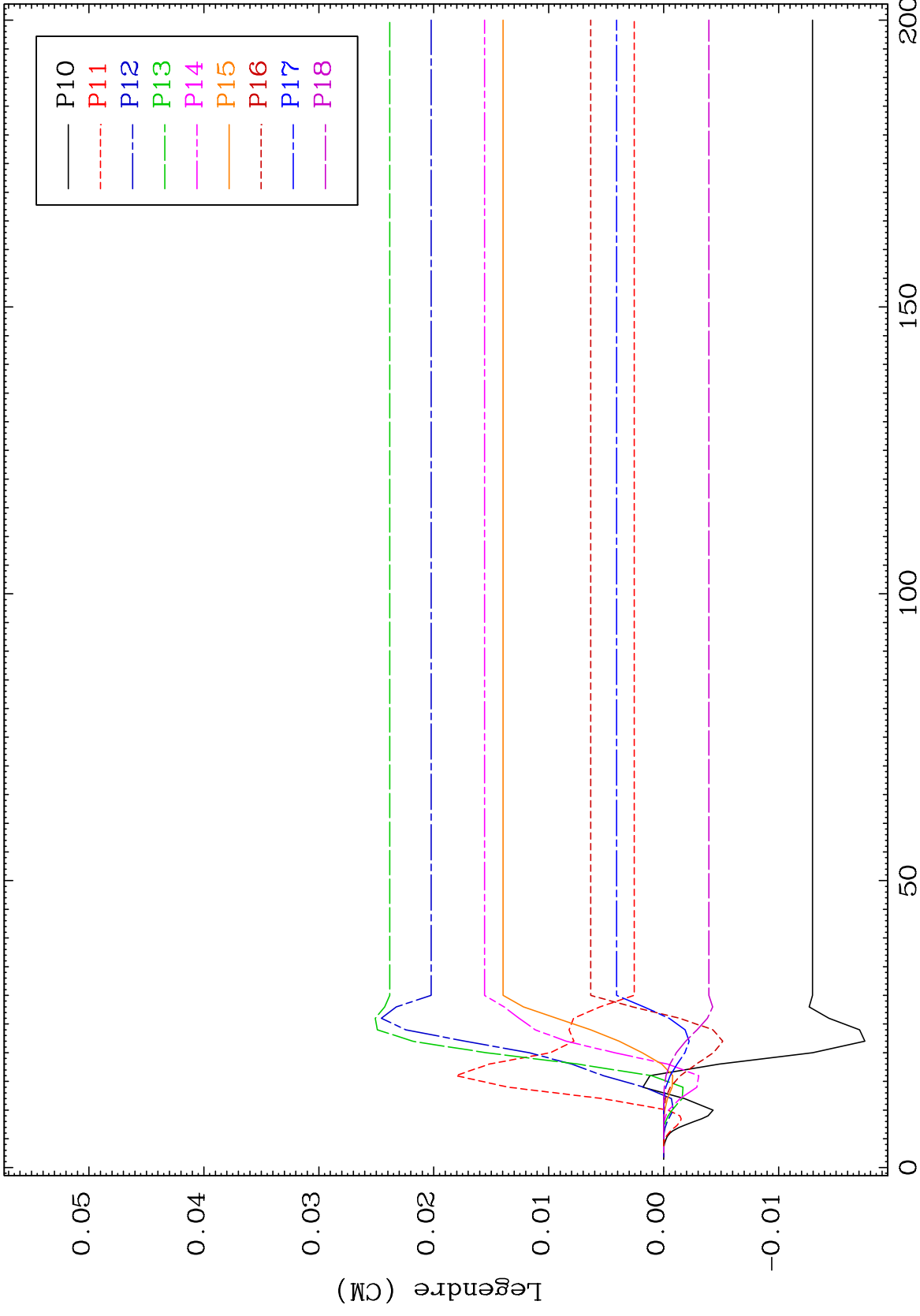
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



66

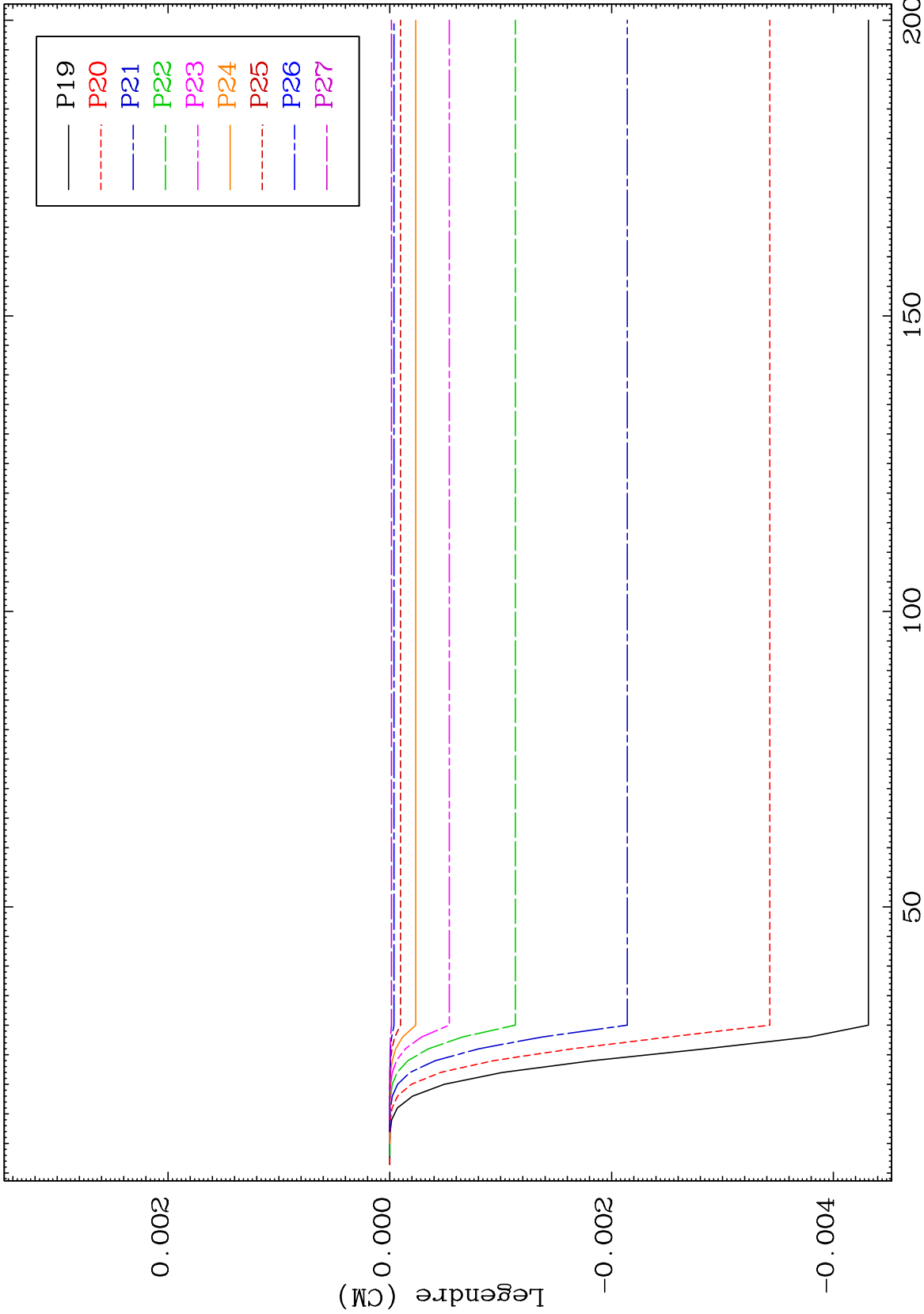
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

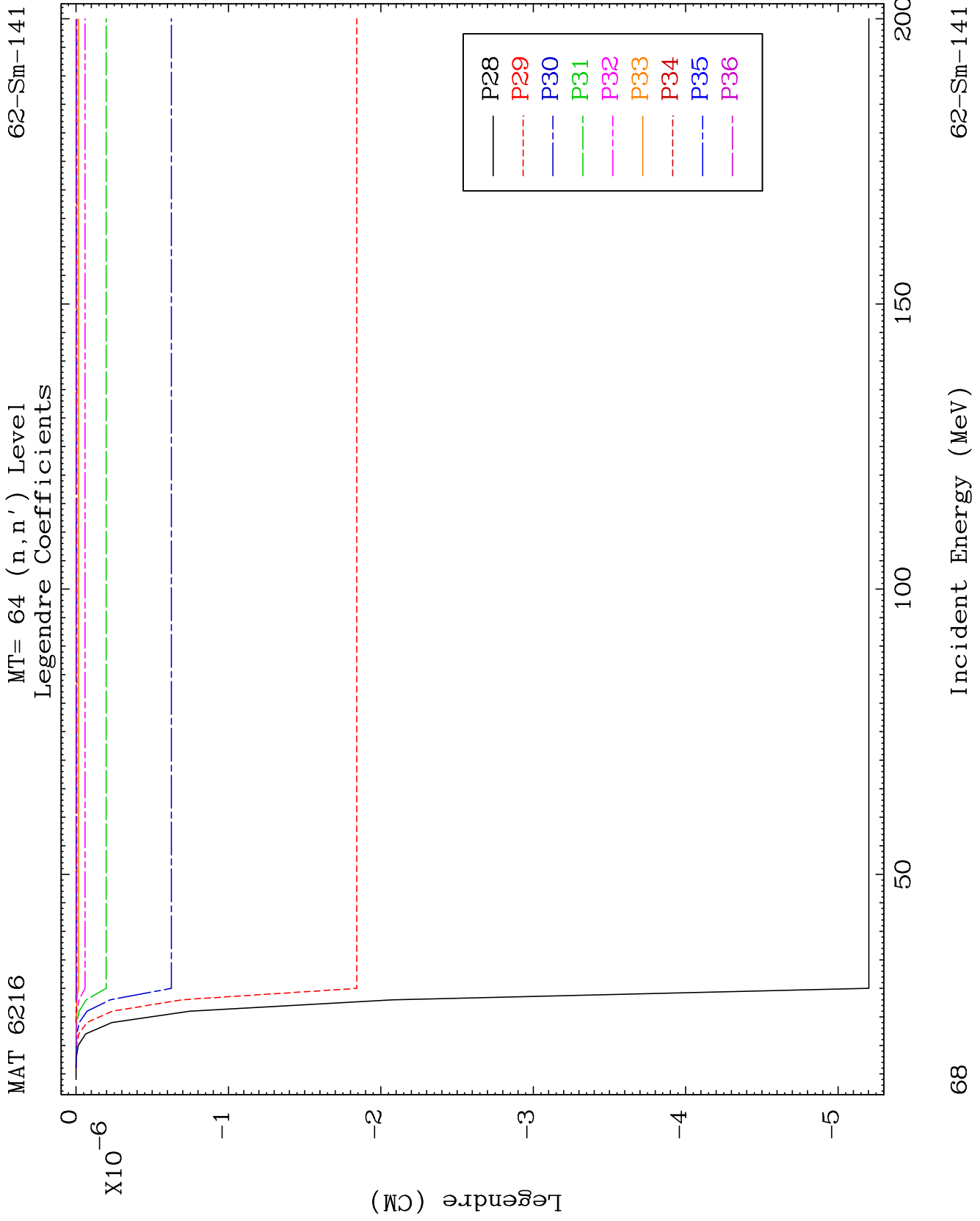
62-Sm-141



67

Incident Energy (MeV)

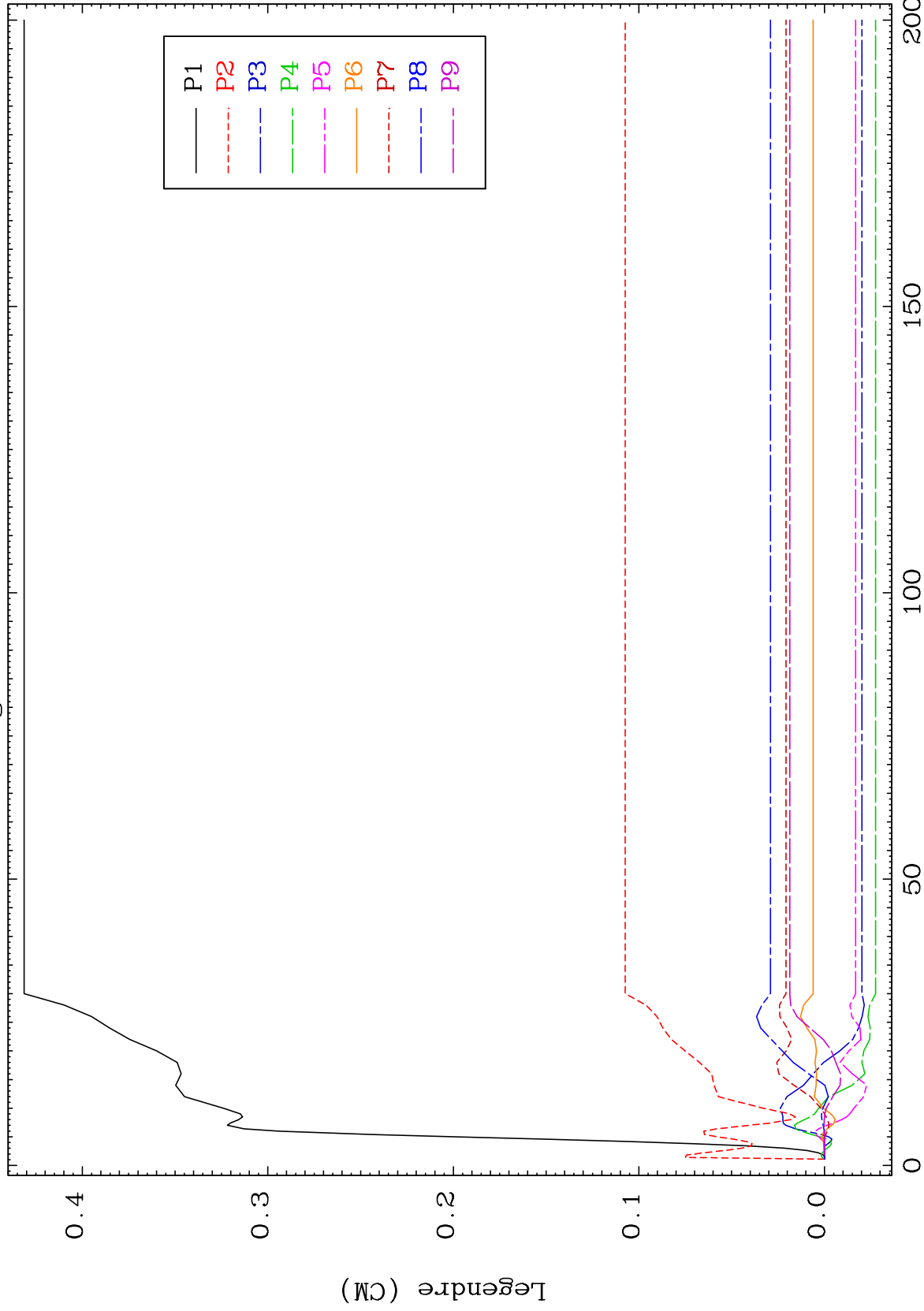
62-Sm-141



MAT 6216

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

62-Sm-141



69

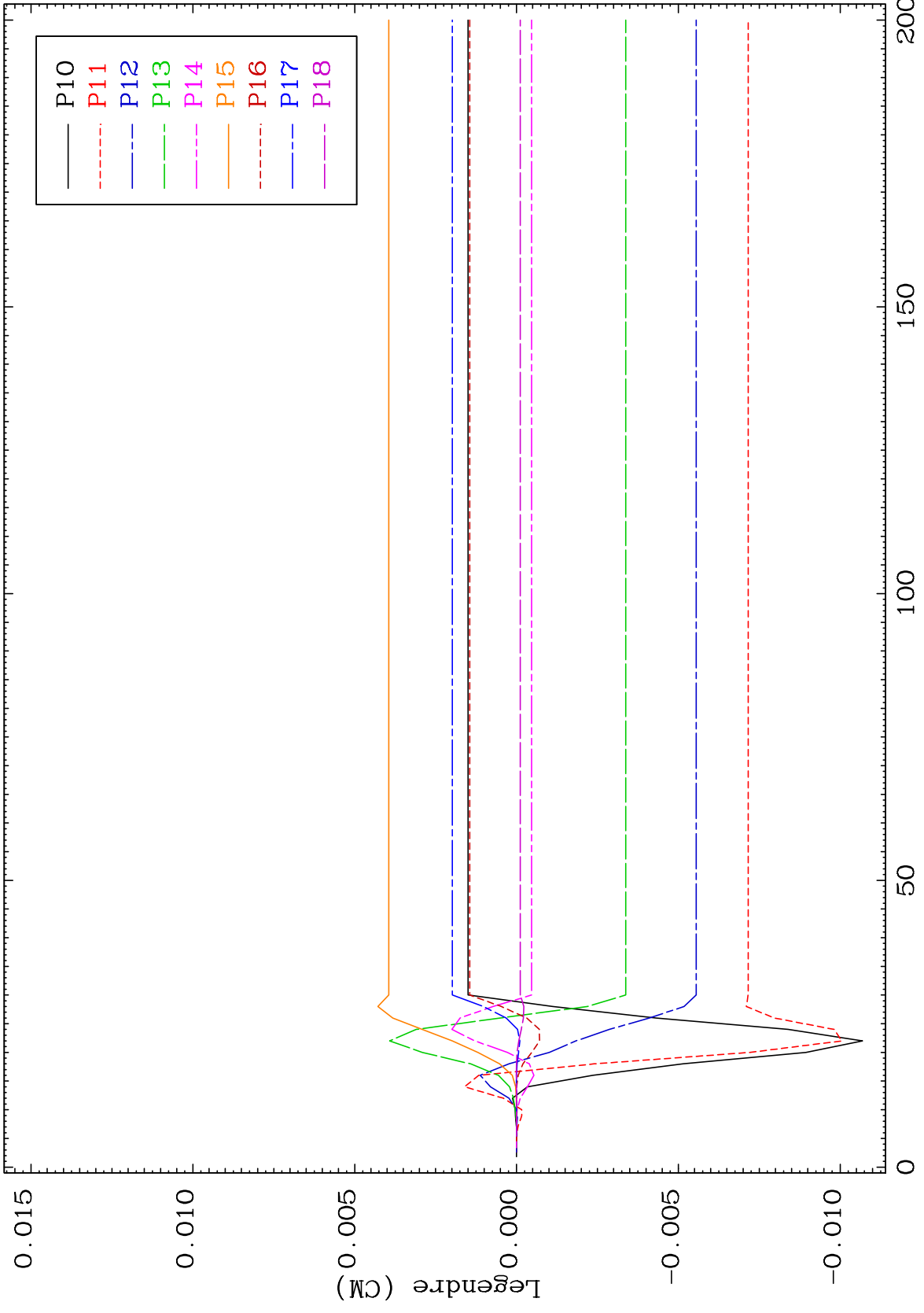
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

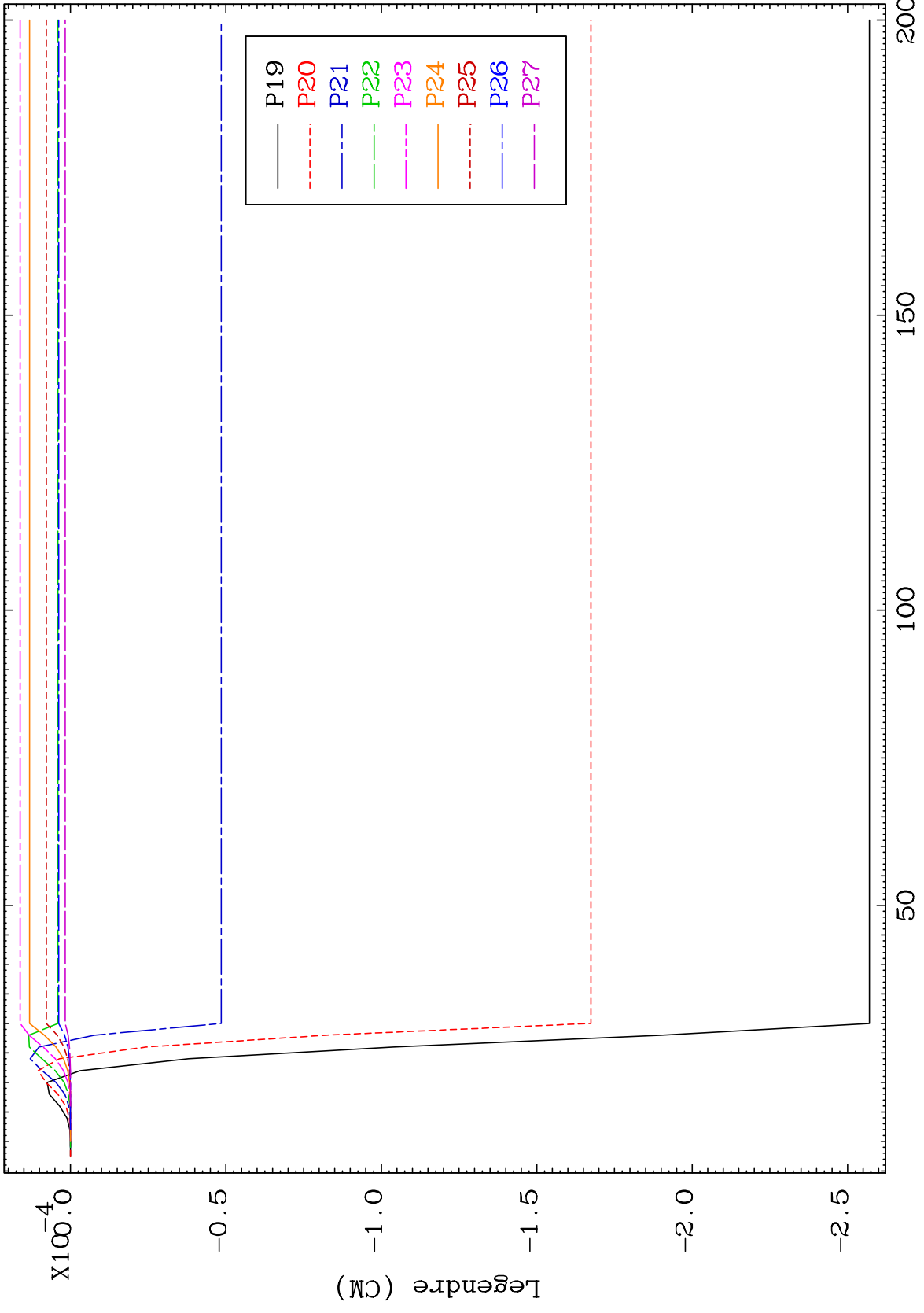
62-Sm-141



70

Incident Energy (MeV)

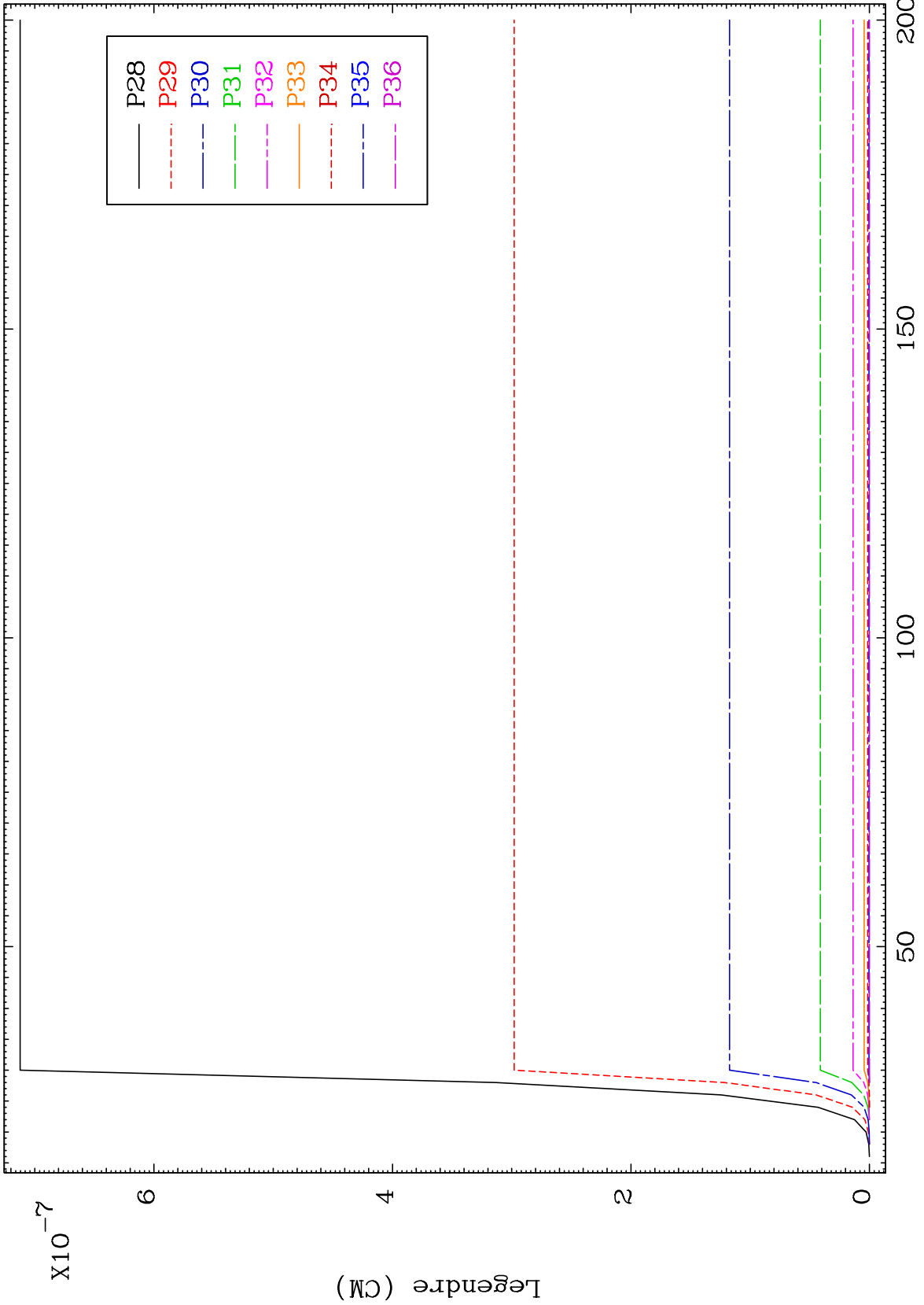
62-Sm-141



MAT 6216

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

62-Sm-141

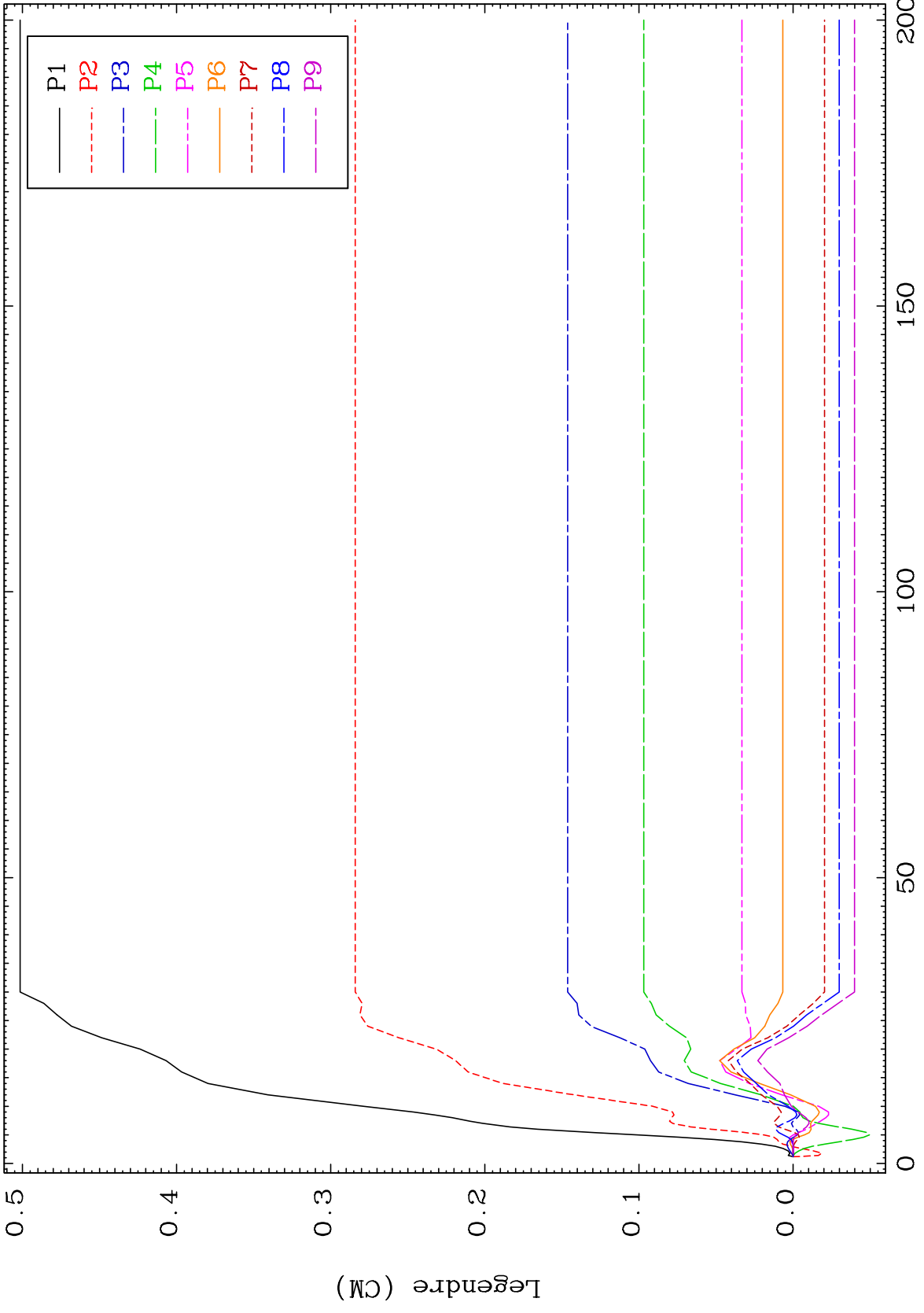


72

Incident Energy (MeV)

62-Sm-141

MAT 6216 MT= 66 (n,n') Level Legendre Coefficients 62-Sm-141

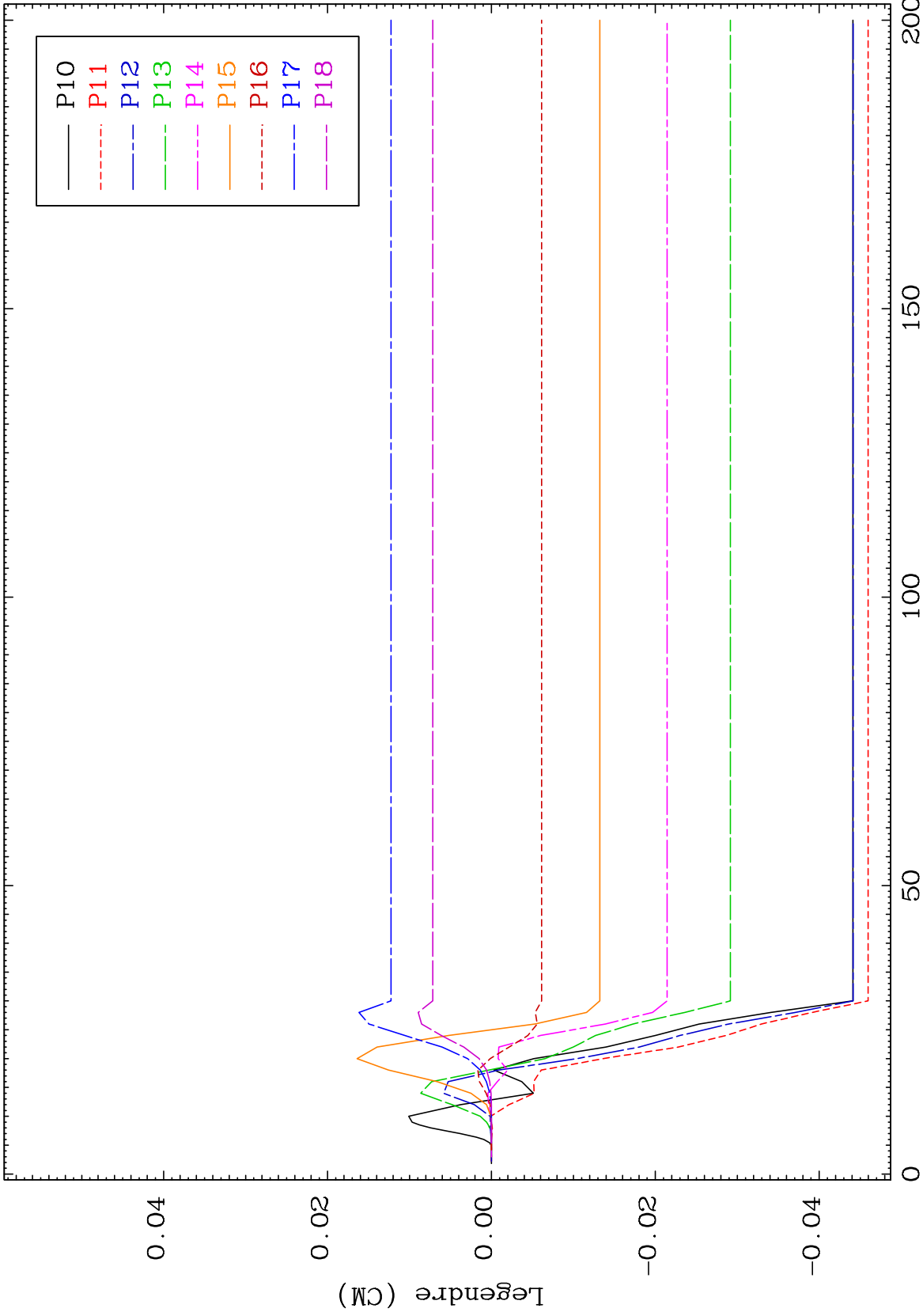


73 62-Sm-141

MAT 6216

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

62-Sm-141



74

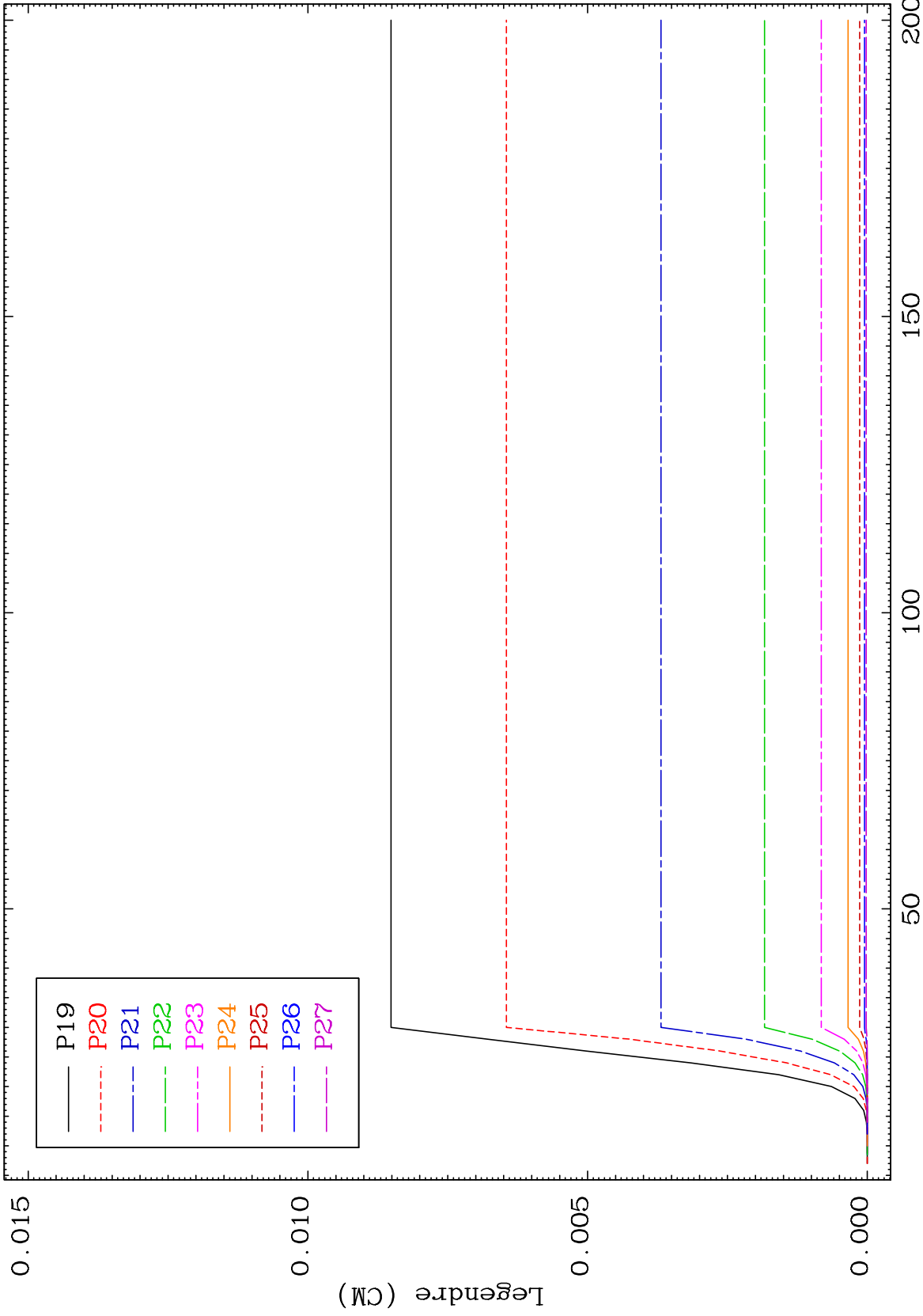
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



75

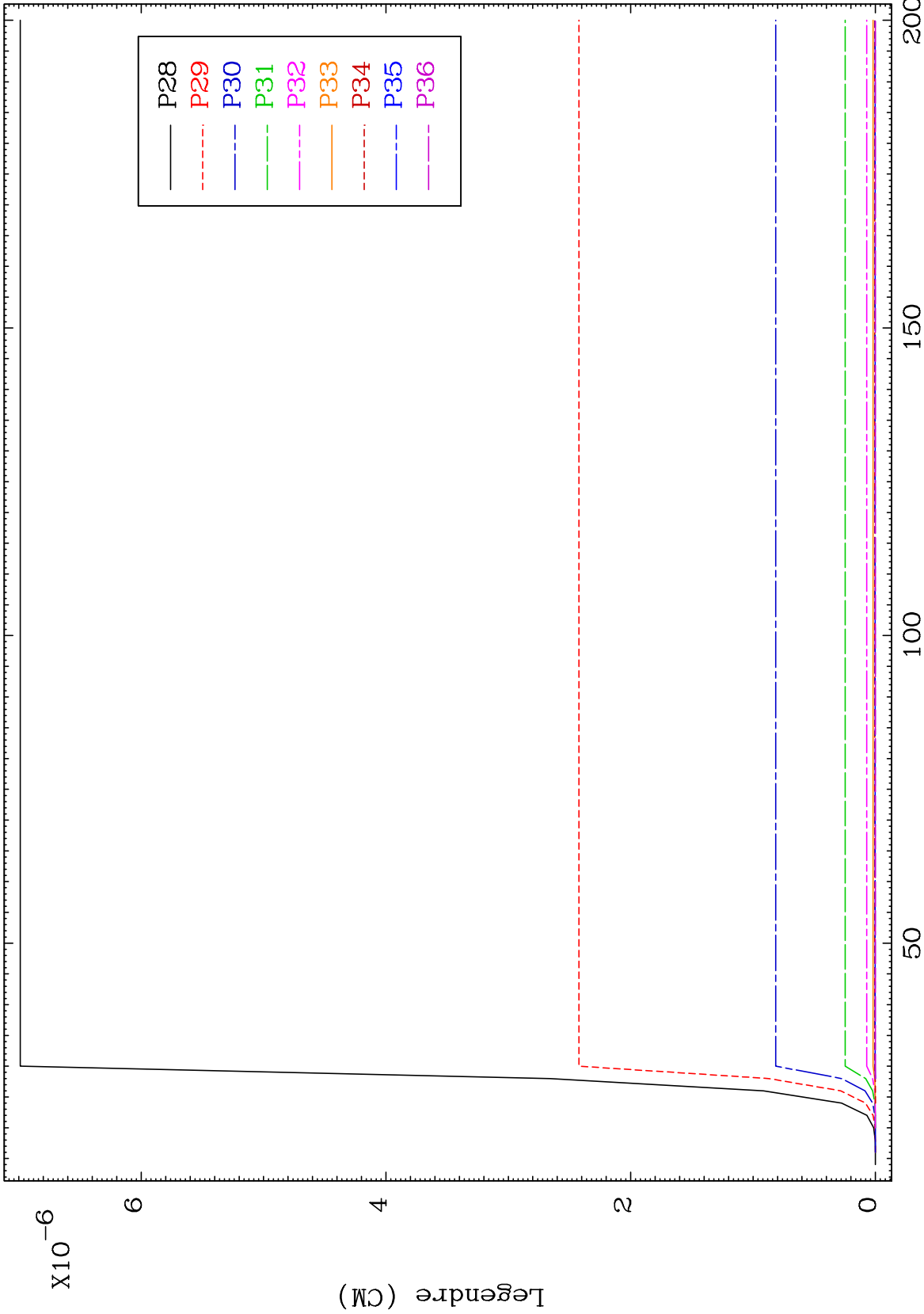
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

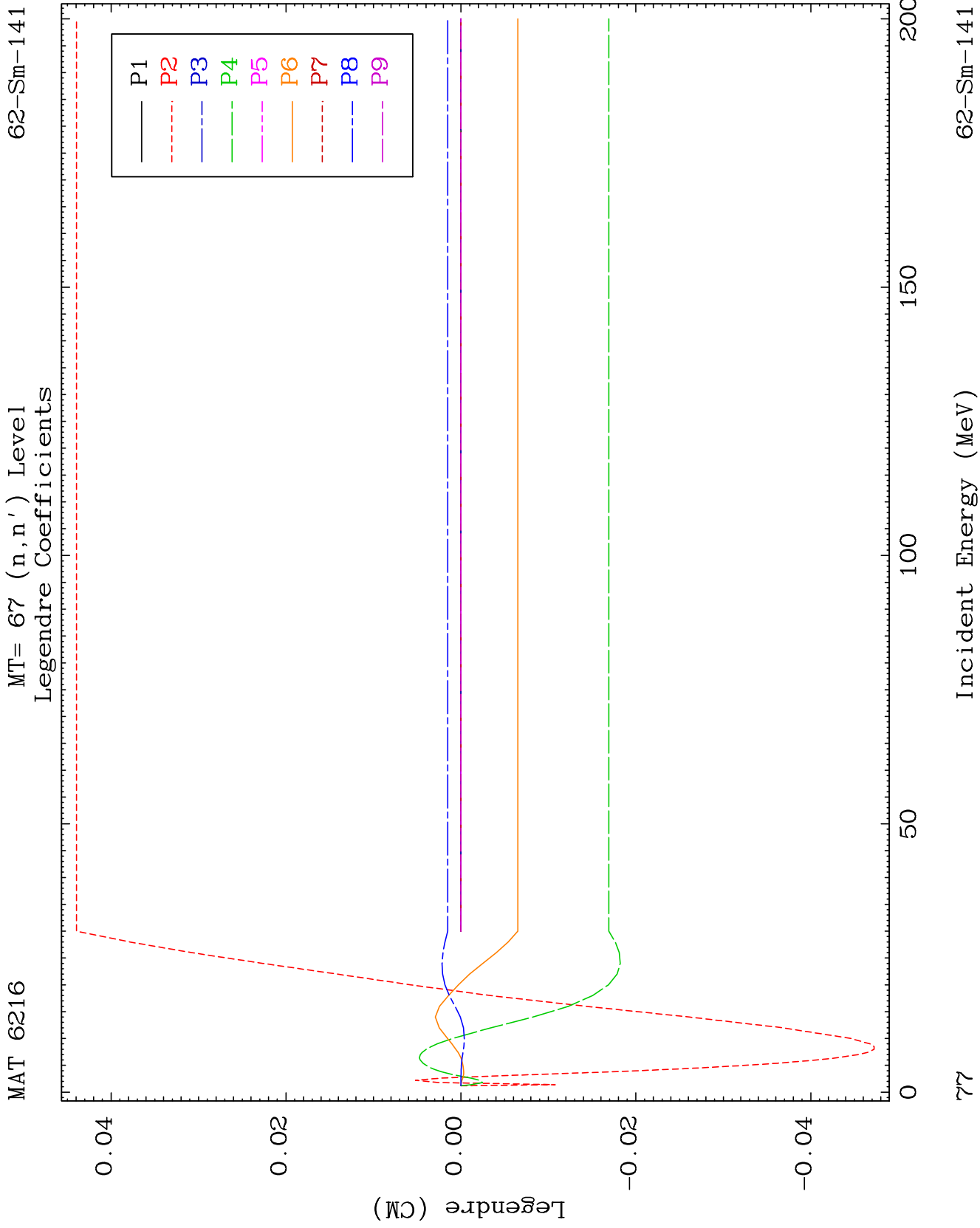
62-Sm-141



76

Incident Energy (MeV)

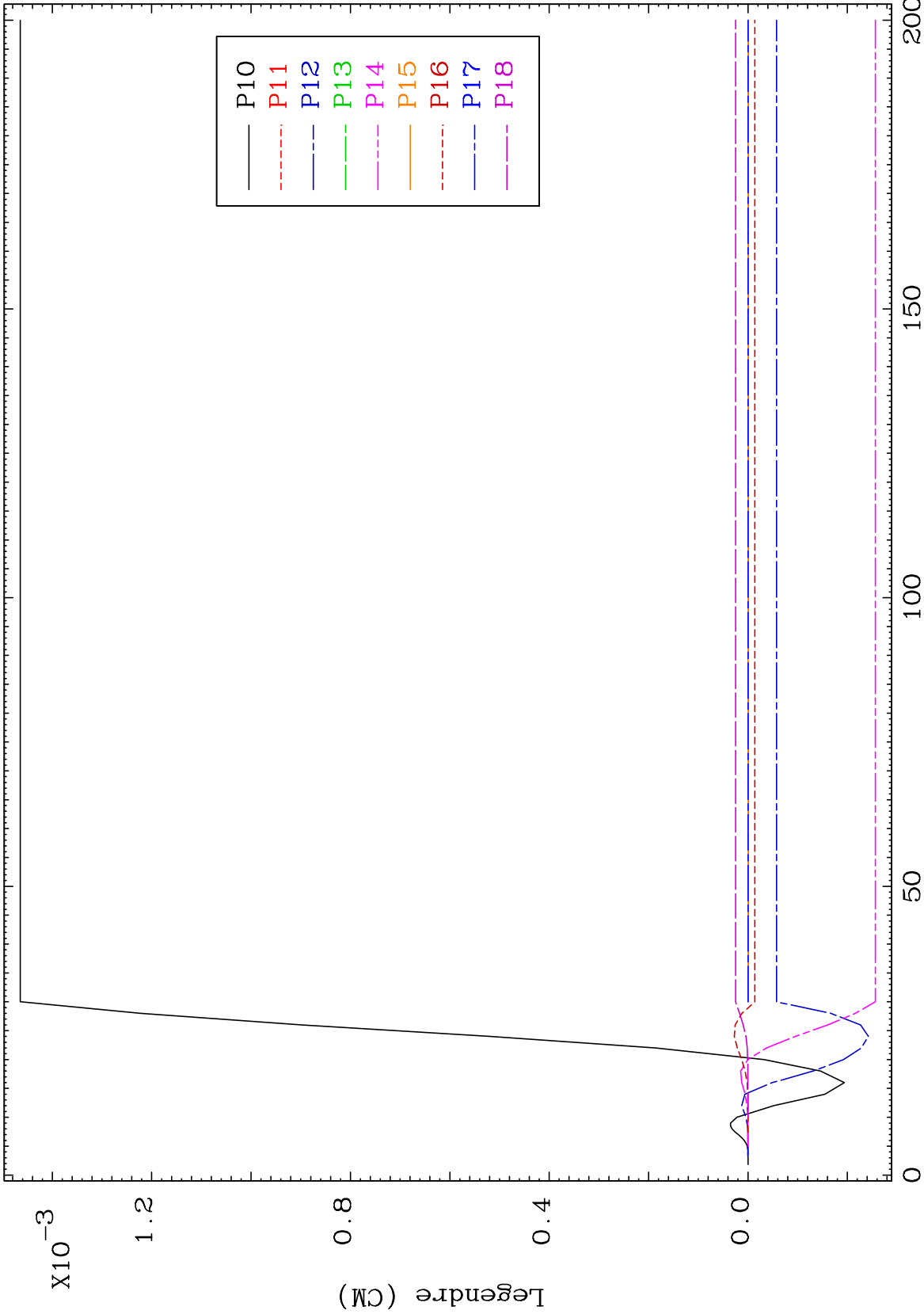
62-Sm-141



MAT 6216

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

62-Sm-141

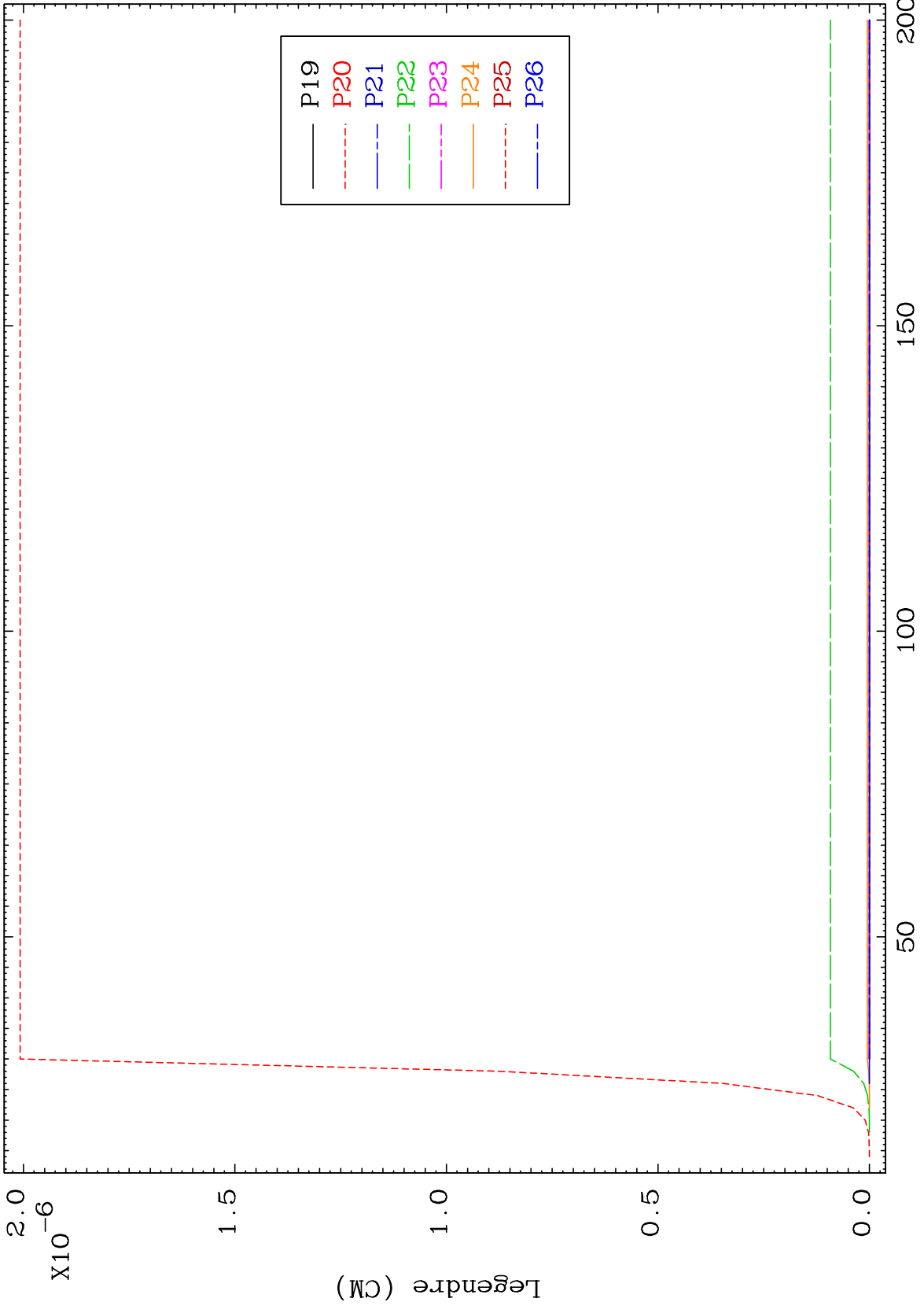


78

Incident Energy (MeV)

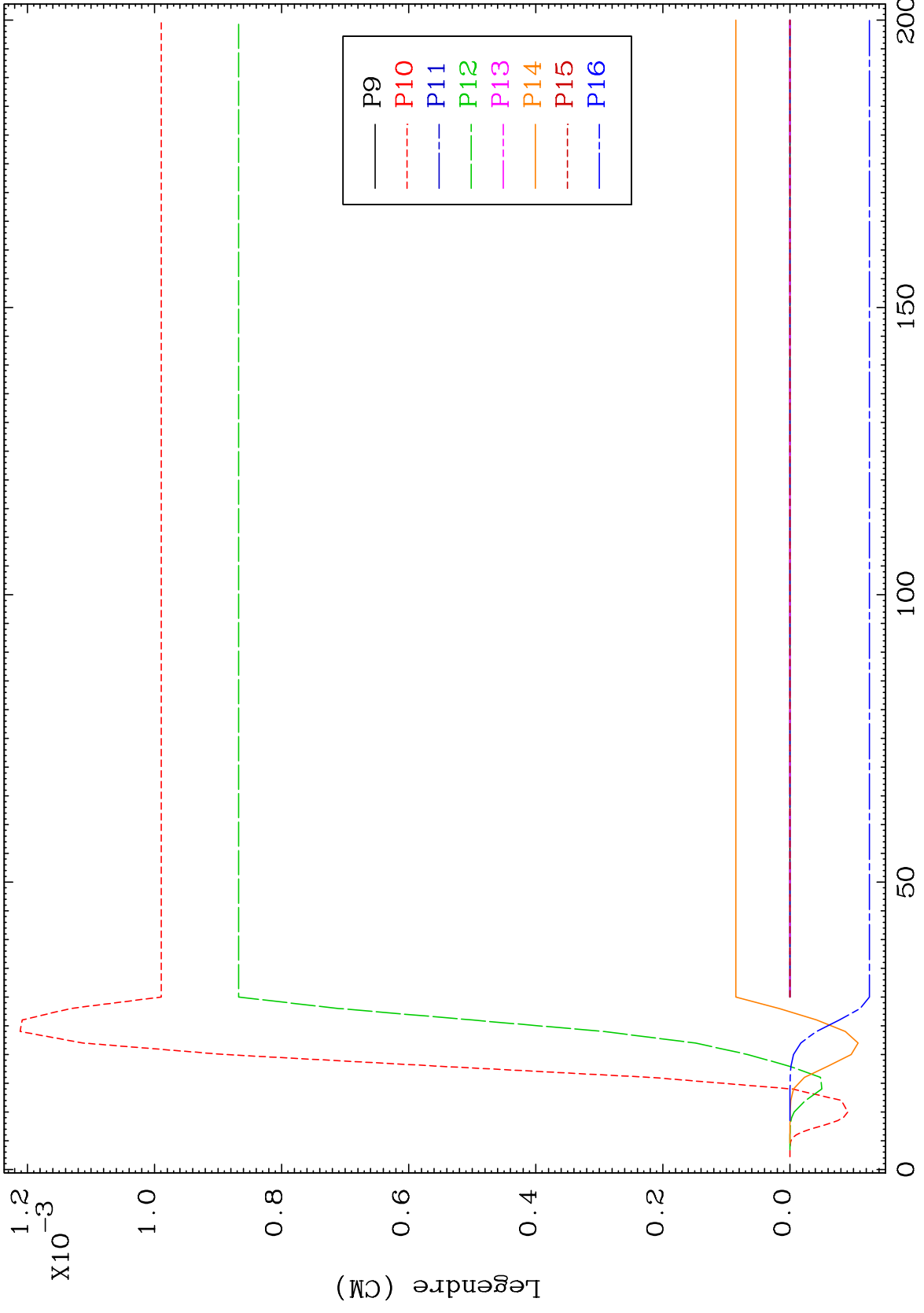
62-Sm-141

MAT 6216 MT= 67 (n,n') Level Legendre Coefficients 62-Sm-141



79 Incident Energy (MeV) 62-Sm-141

MAT 6216 MT= 68 (n,n') Level Legendre Coefficients 62-Sm-141

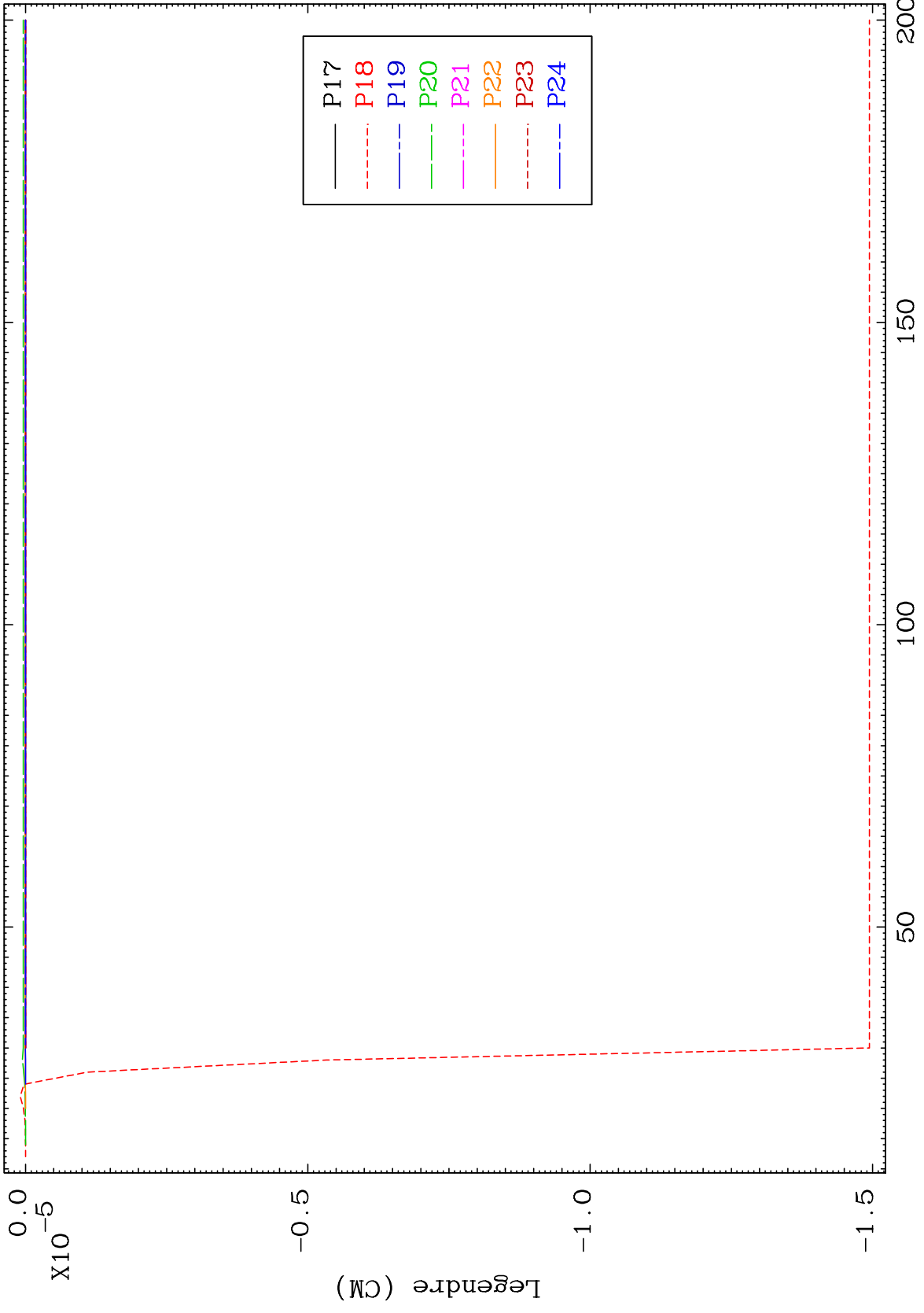


81 62-Sm-141

MAT 6216

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

62-Sm-141

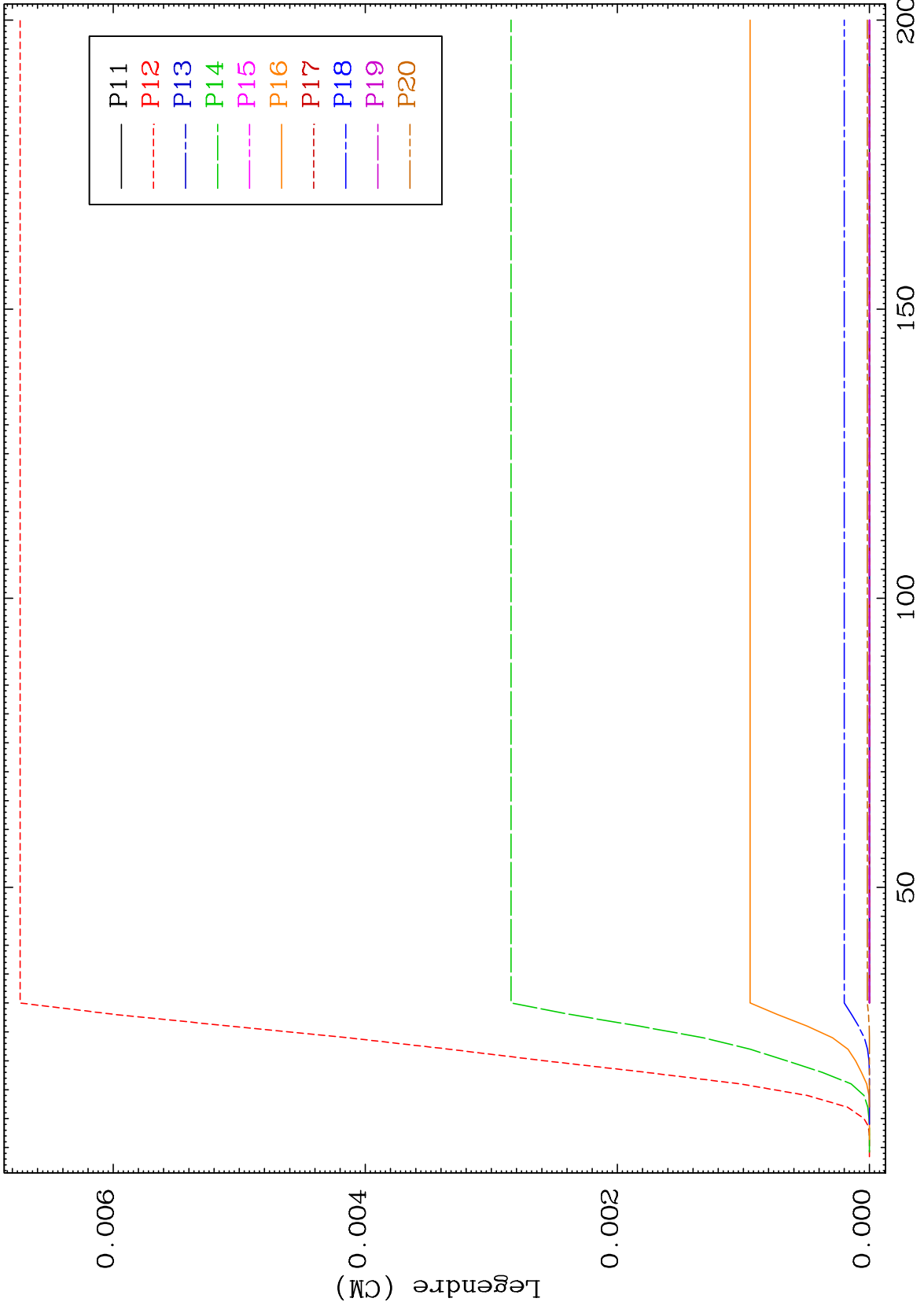


62-Sm-141

Incident Energy (MeV)

82

MAT 6216 MT= 69 (n,n') Level Legendre Coefficients 62-Sm-141

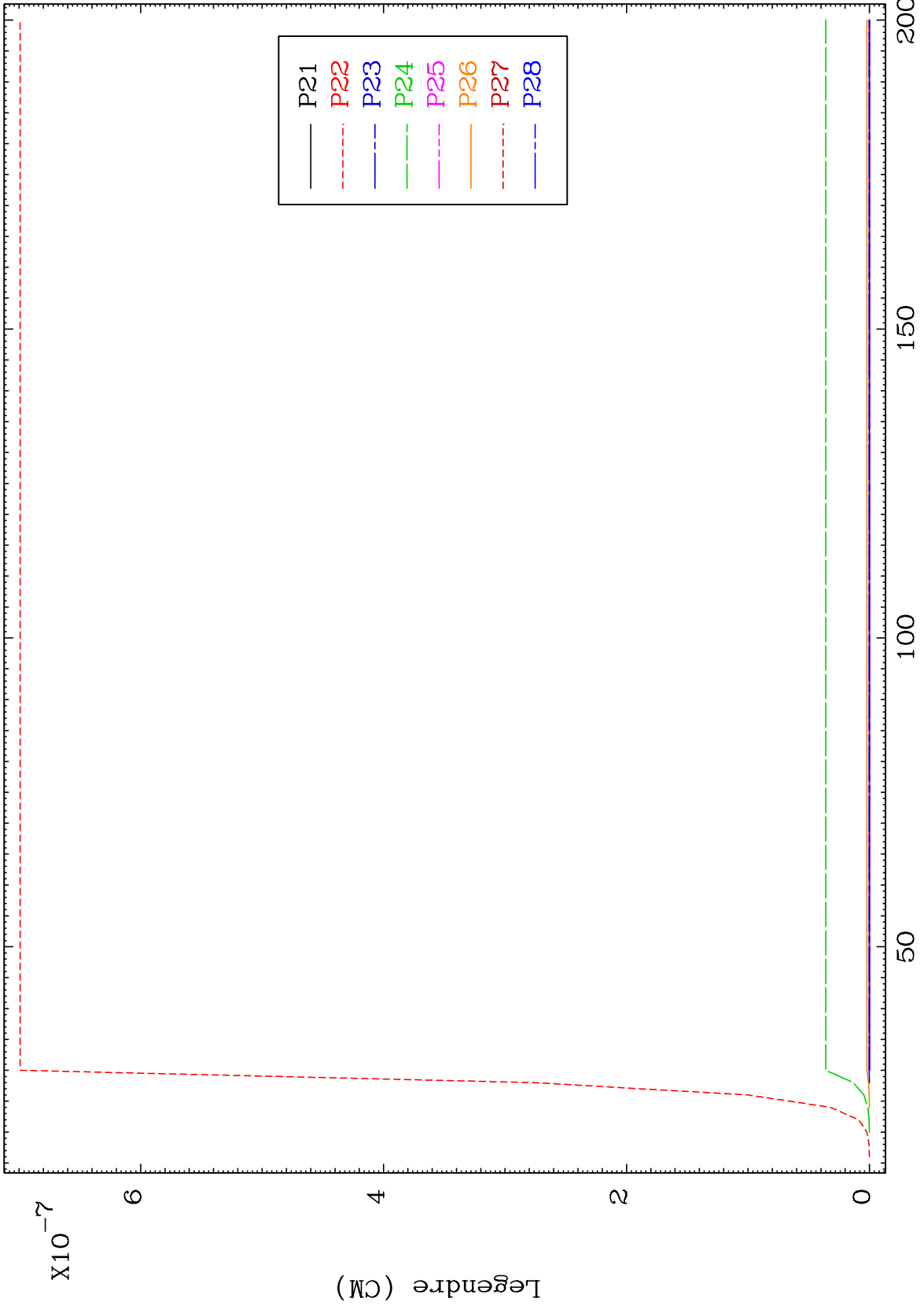


84 Incident Energy (MeV) 62-Sm-141

MAT 6216

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

62-Sm-141



85

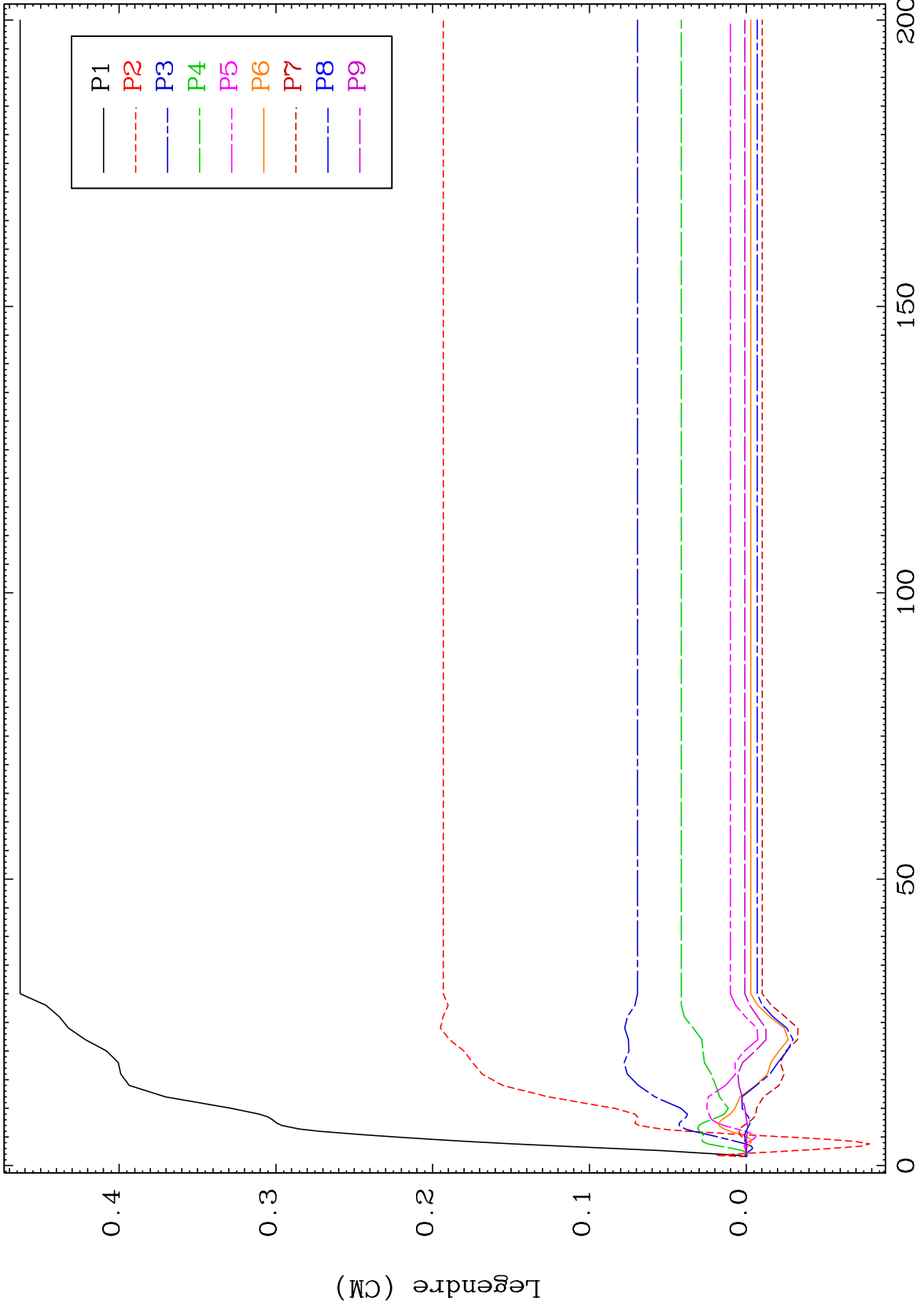
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



86

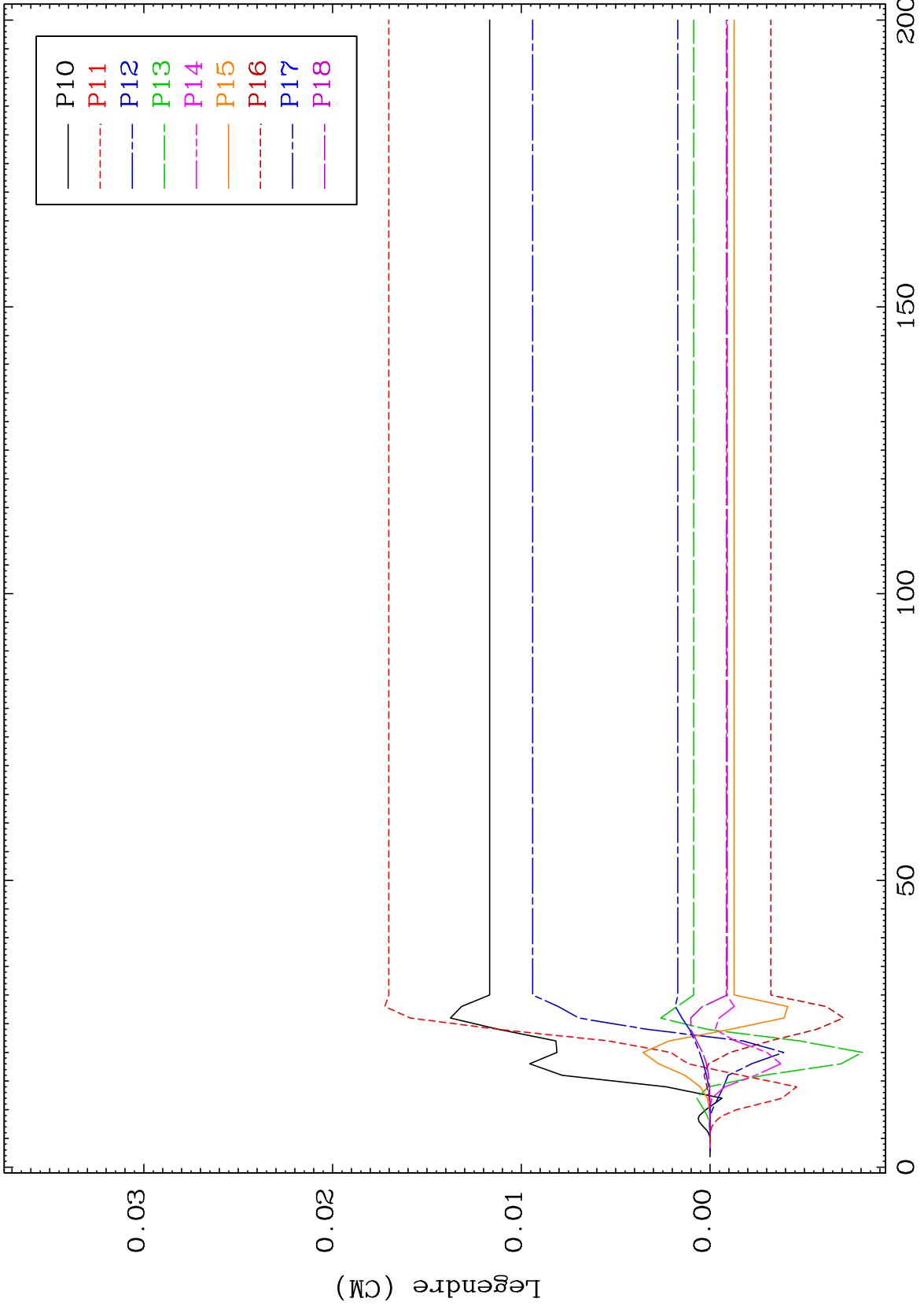
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



87

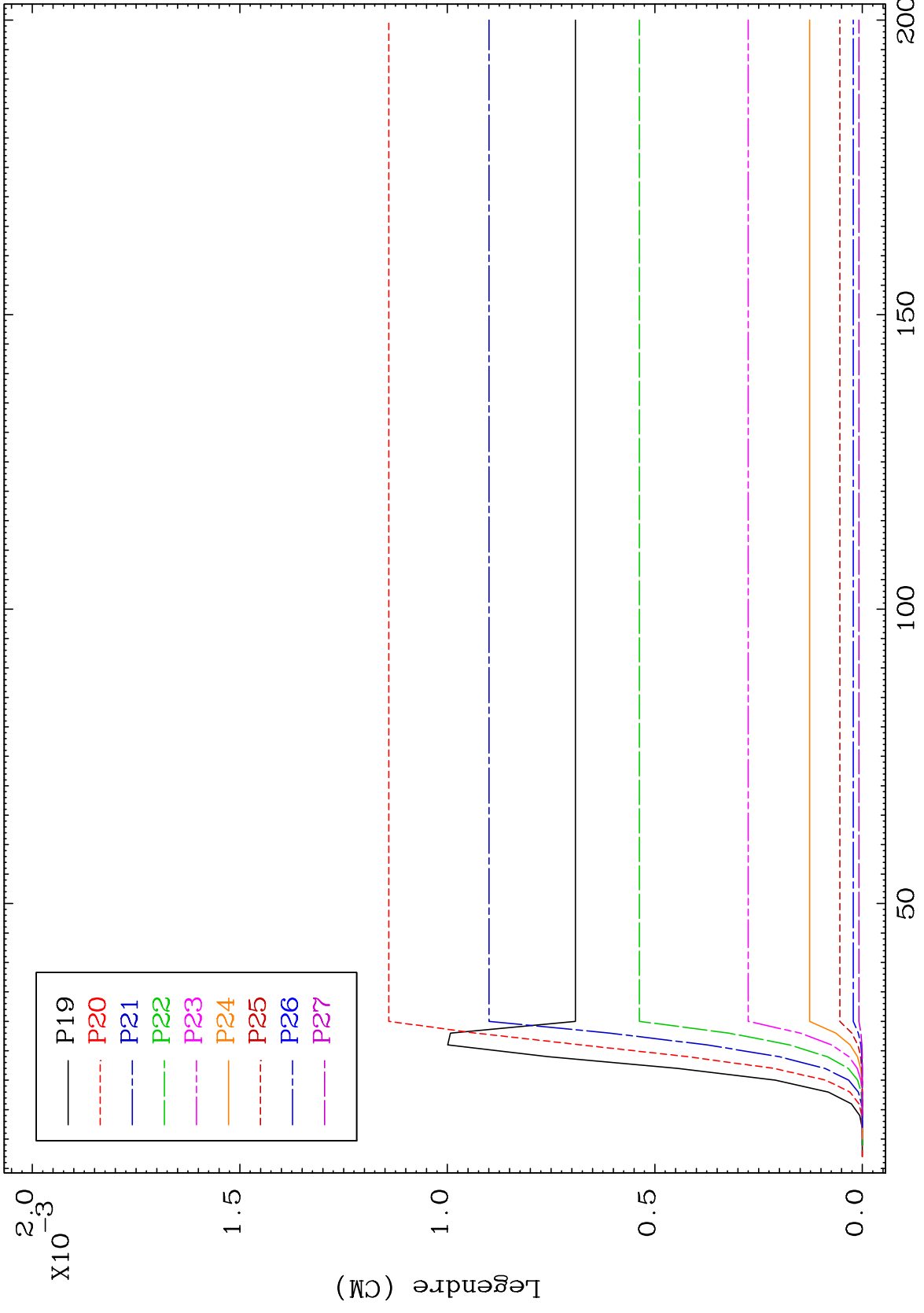
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

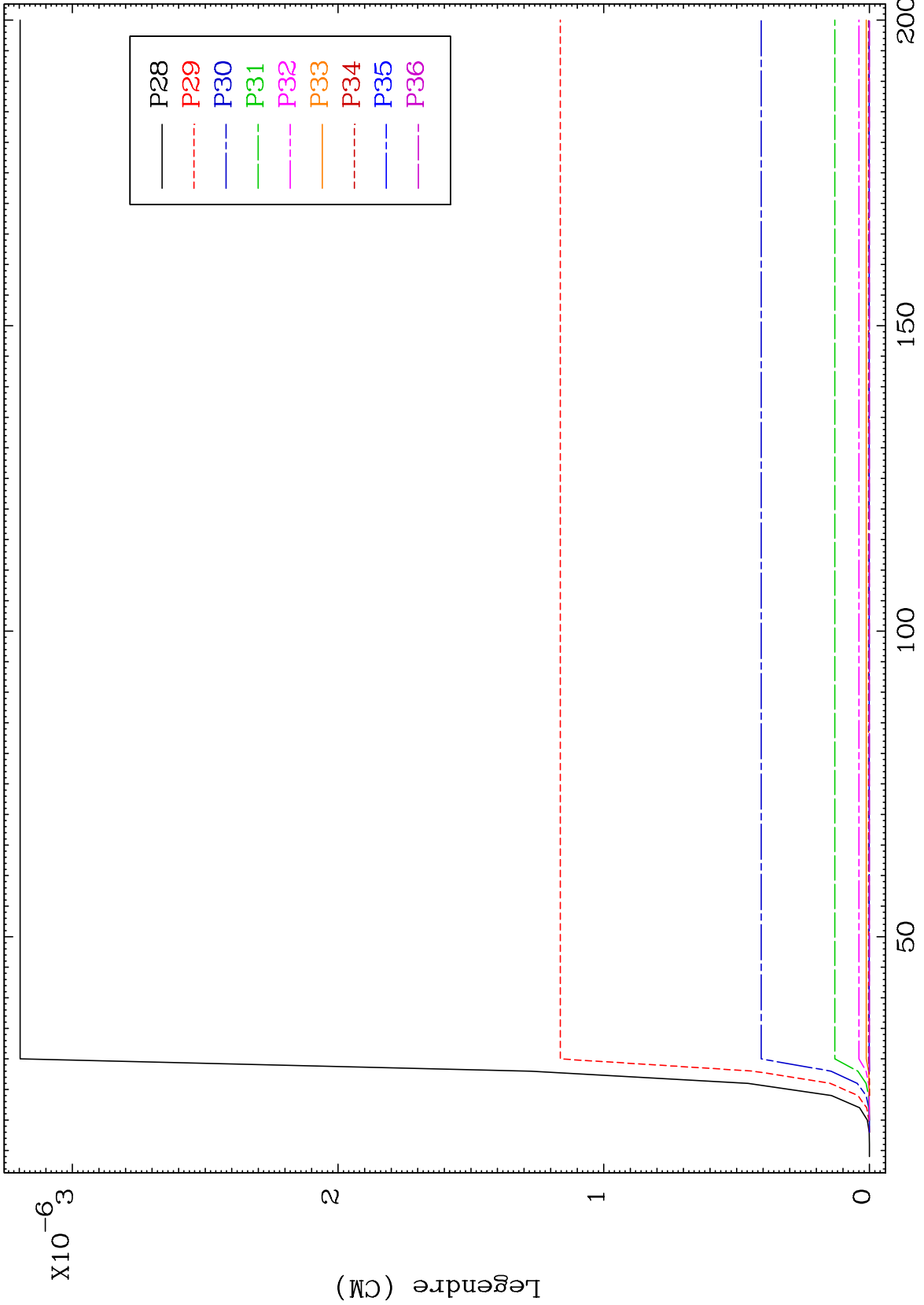
62-Sm-141



MAT 6216

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

62-Sm-141



89

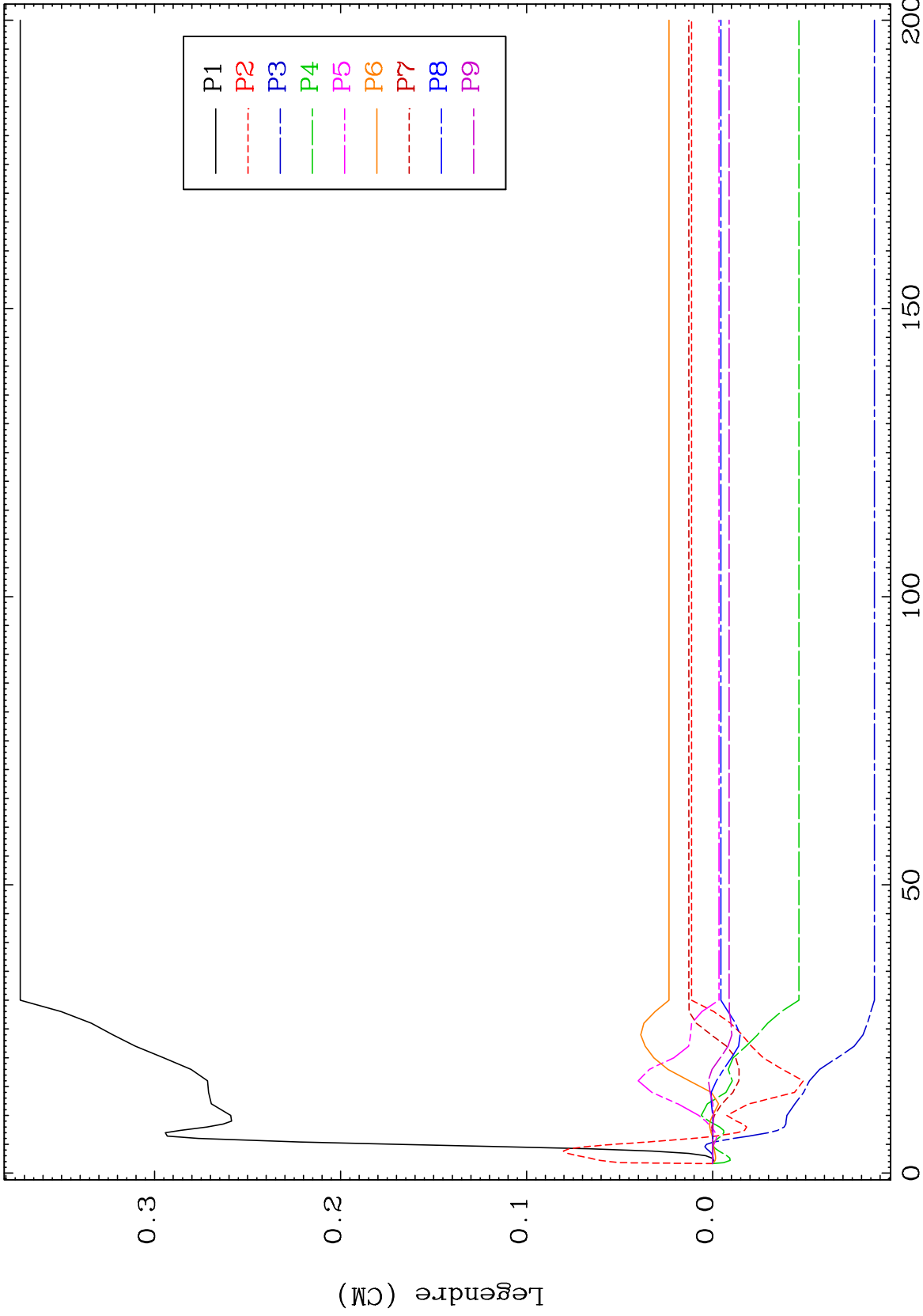
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



90

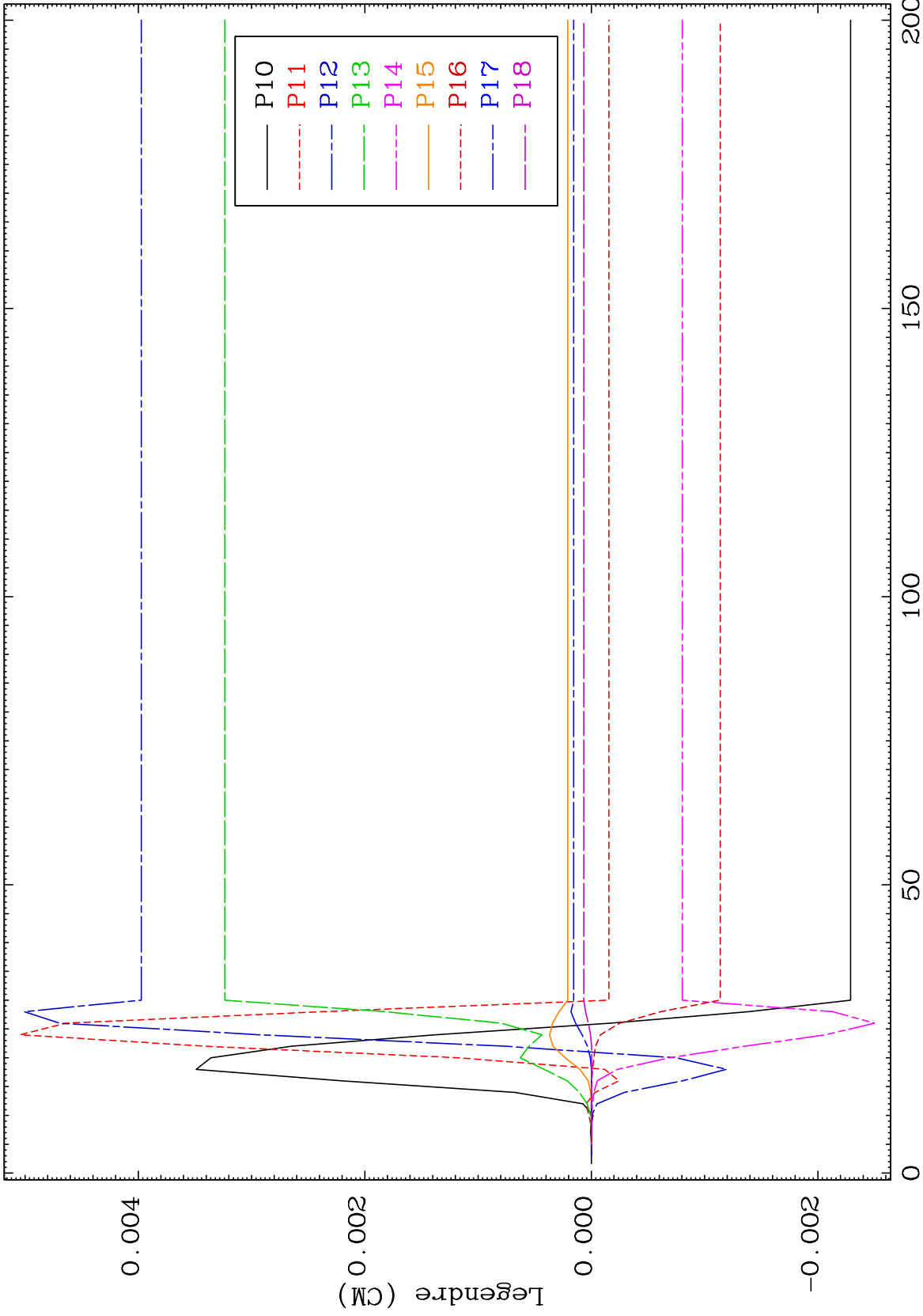
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



91

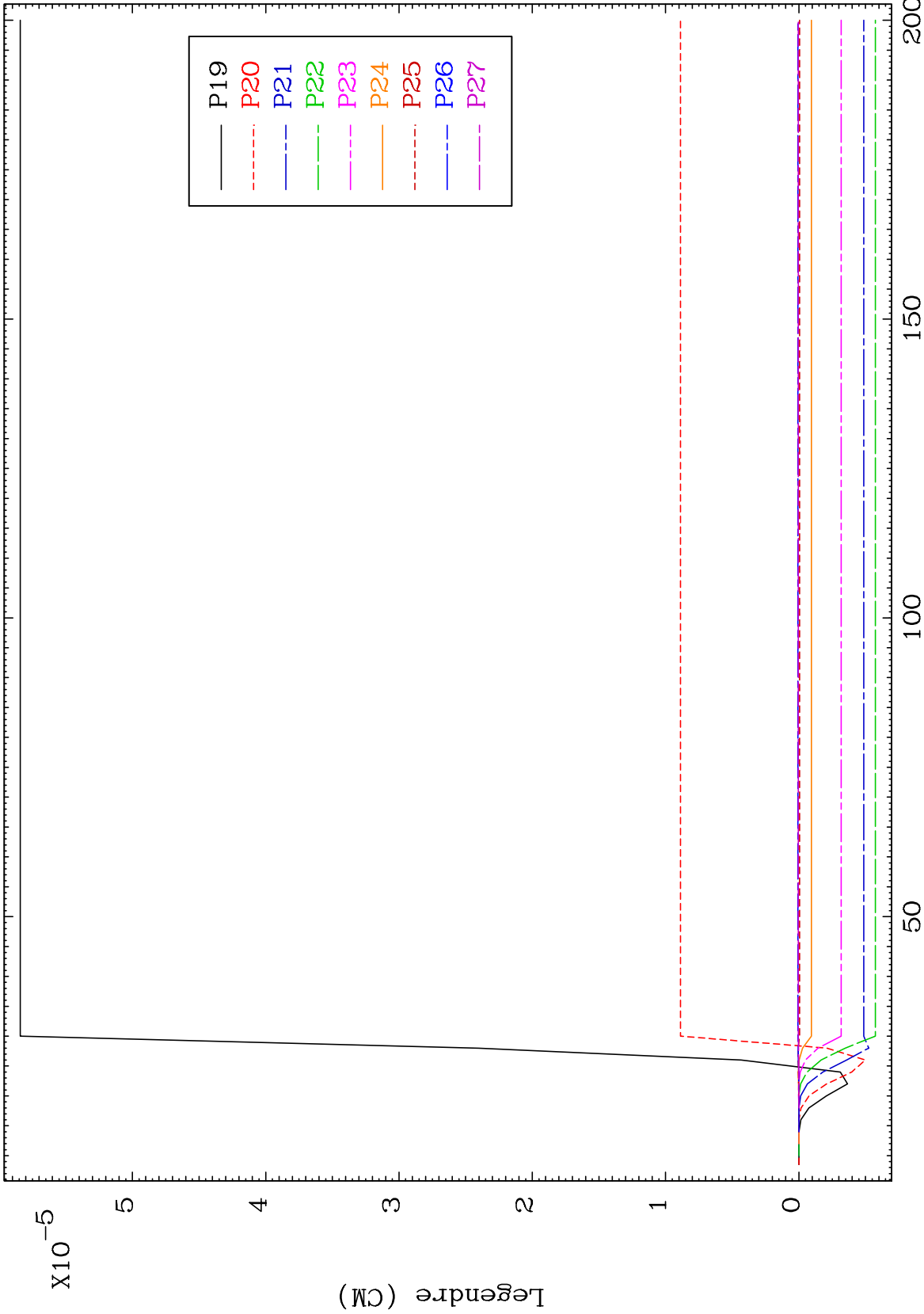
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



92

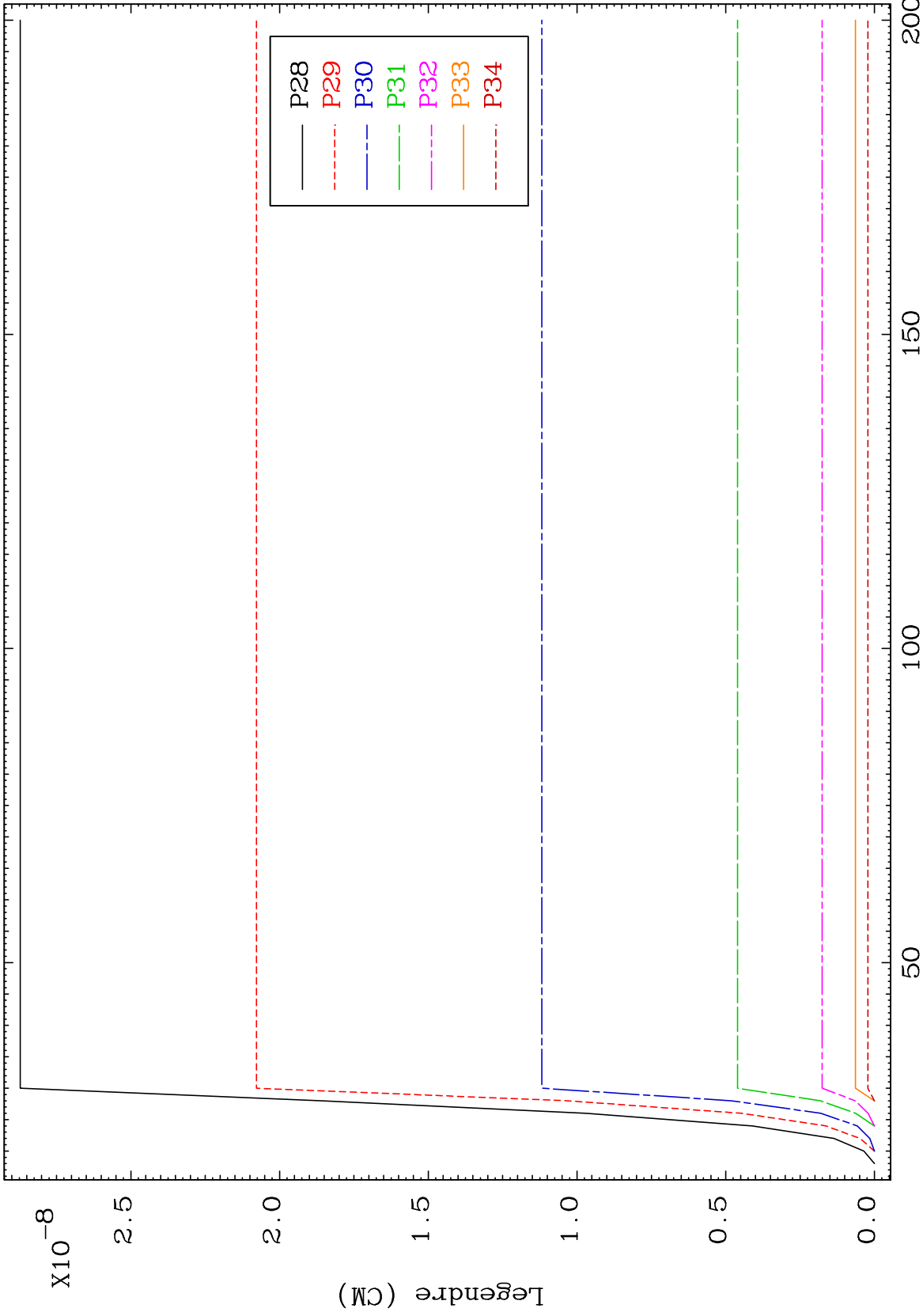
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141

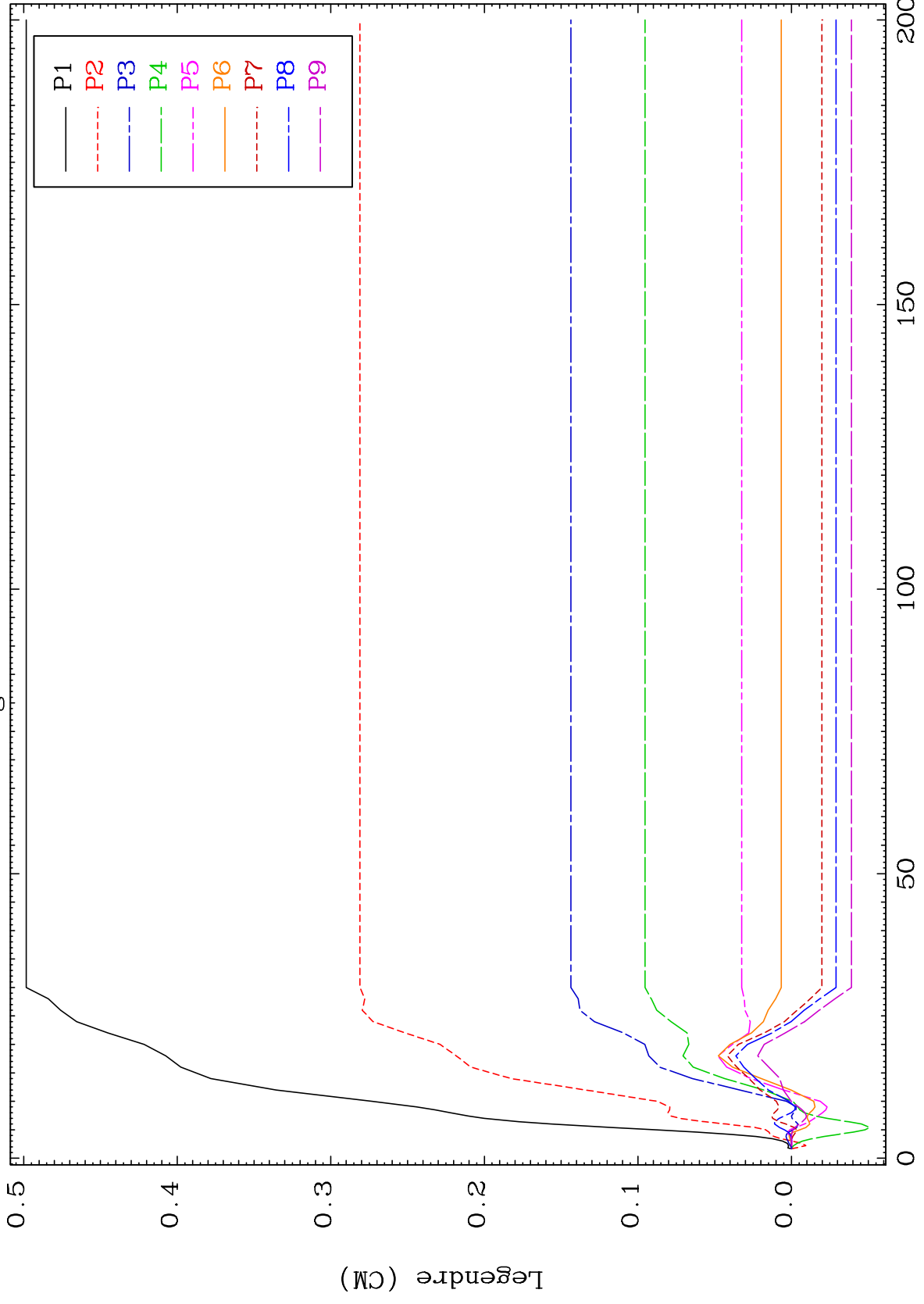


93

Incident Energy (MeV)

62-Sm-141

MAT 6216 MT= 72 (n,n') Level Legendre Coefficients 62-Sm-141

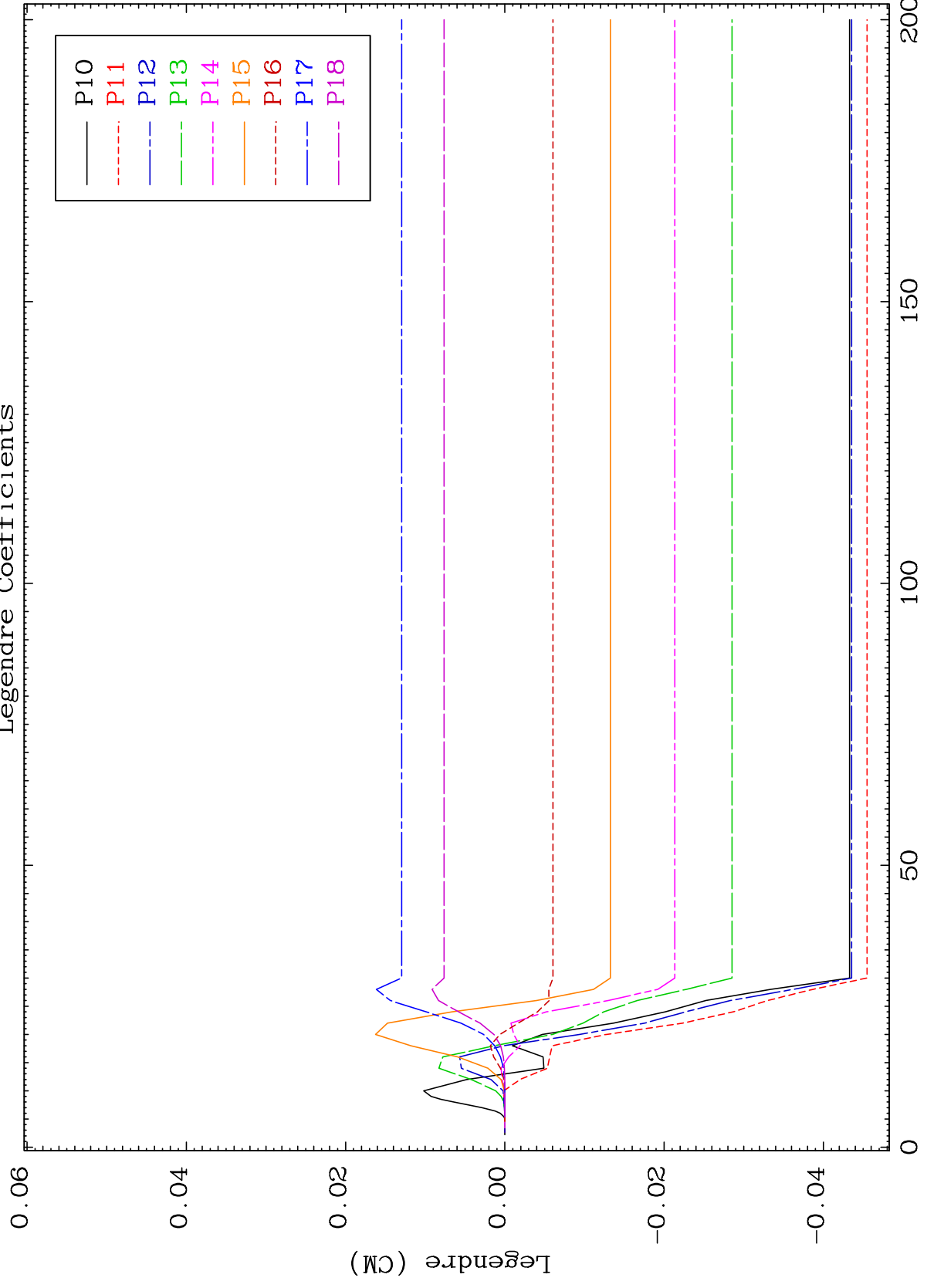


94 62-Sm-141

MAT 6216 MT= 72 (n,n') Level Legendre Coefficients

62-Sm-141

62-Sm-141

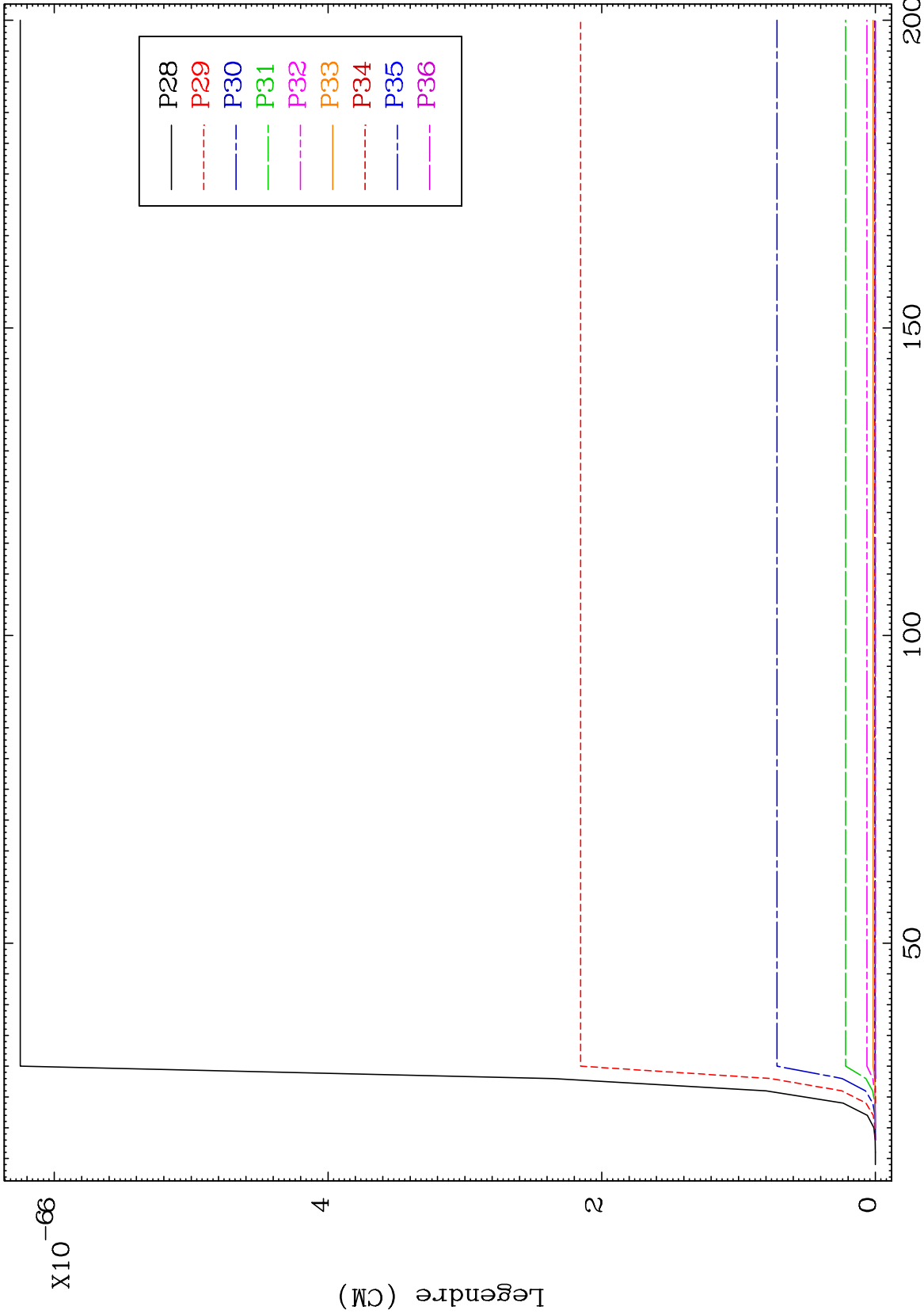


95

MAT 6216

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

62-Sm-141



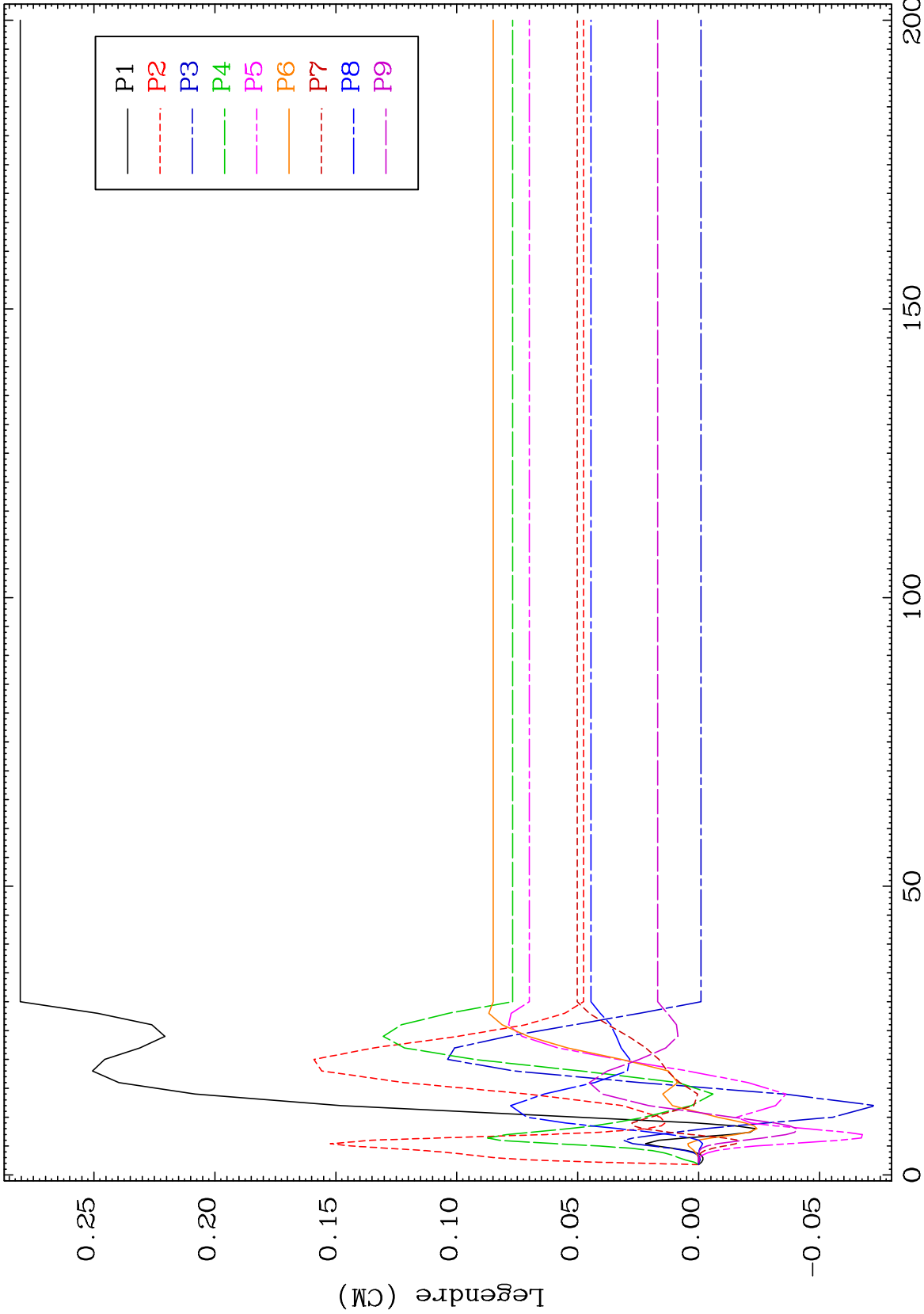
97

62-Sm-141

MAT 6216

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

62-Sm-141



98

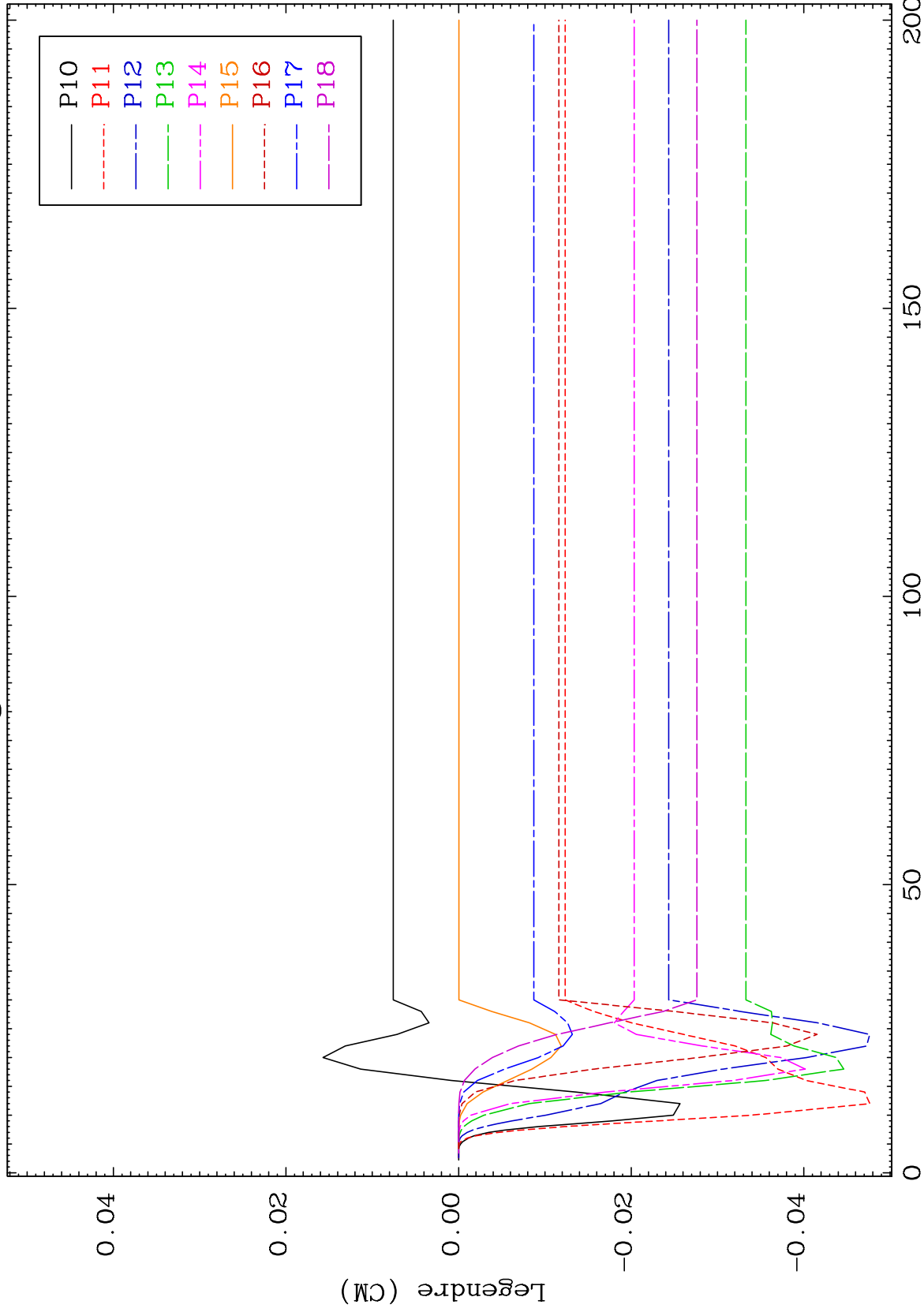
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

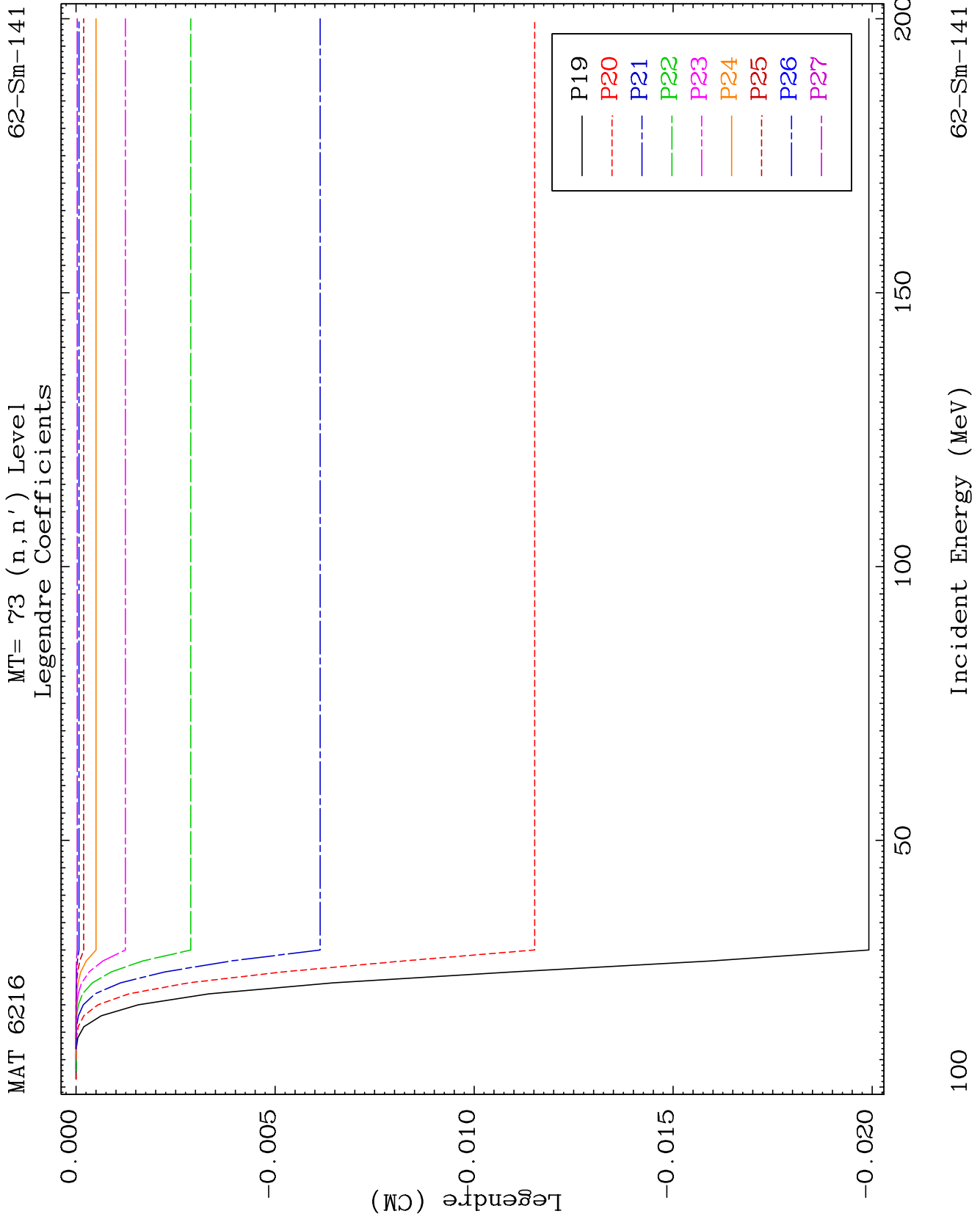
62-Sm-141

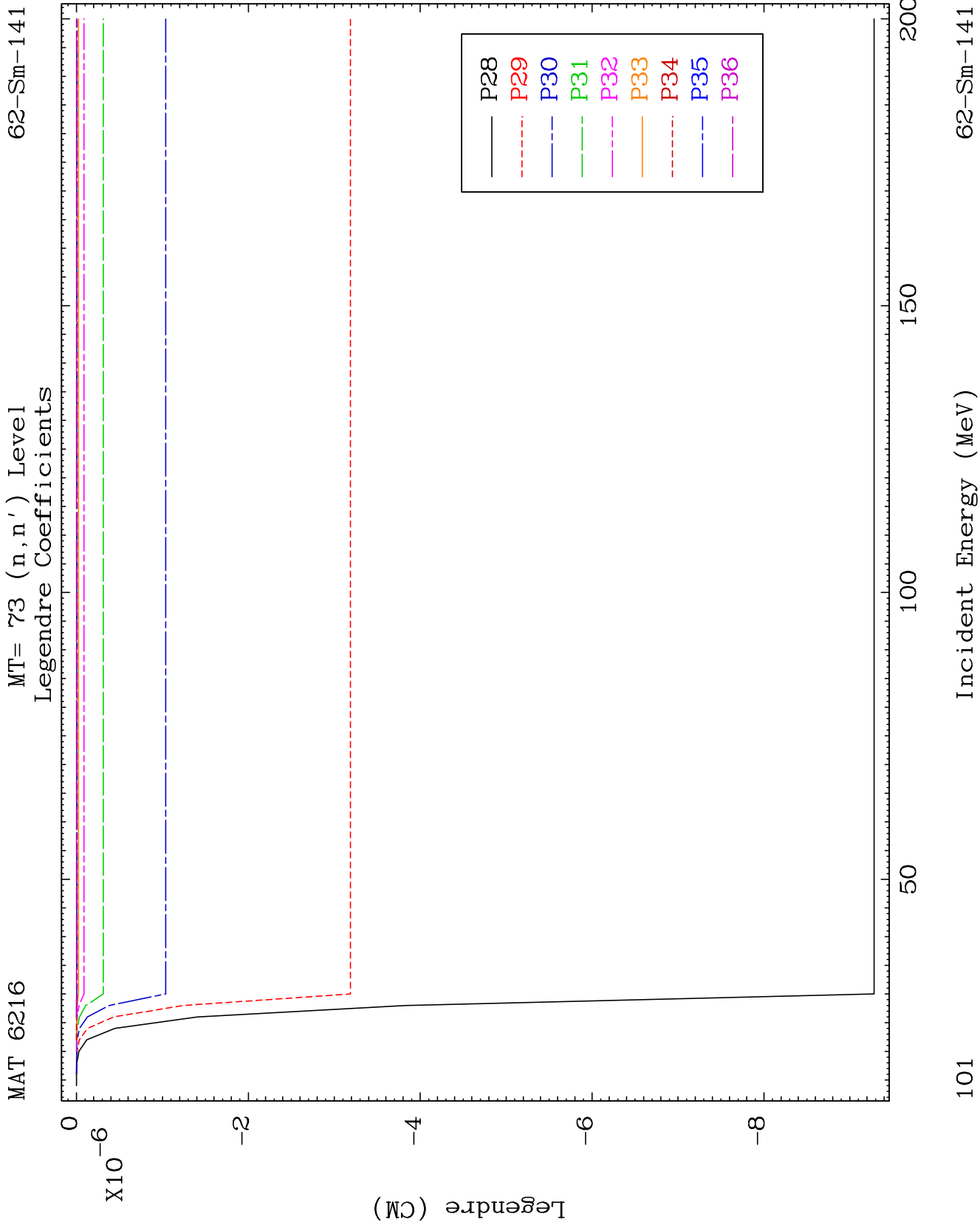


99

Incident Energy (MeV)

62-Sm-141

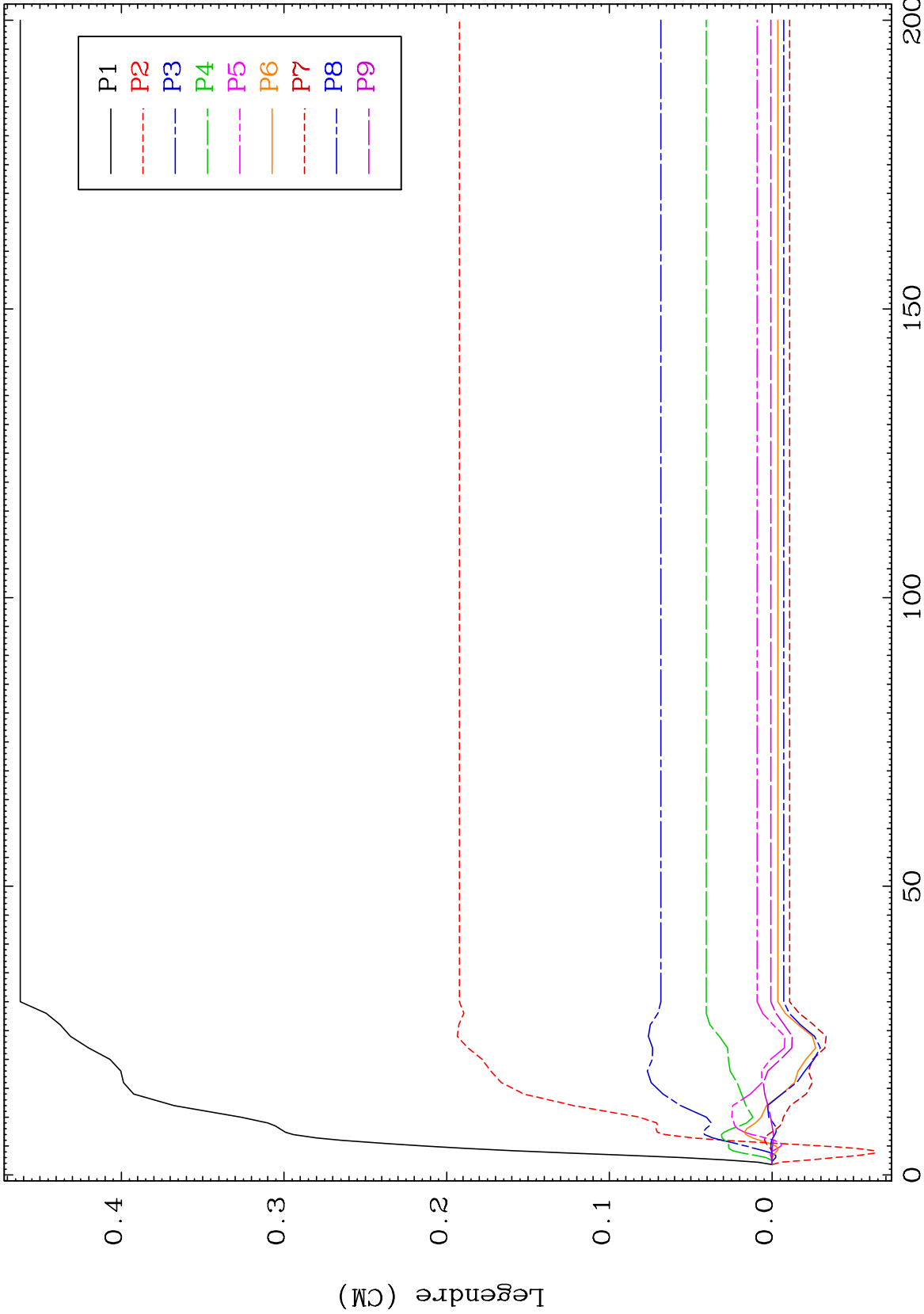




MAT 6216

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

62-Sm-141



102

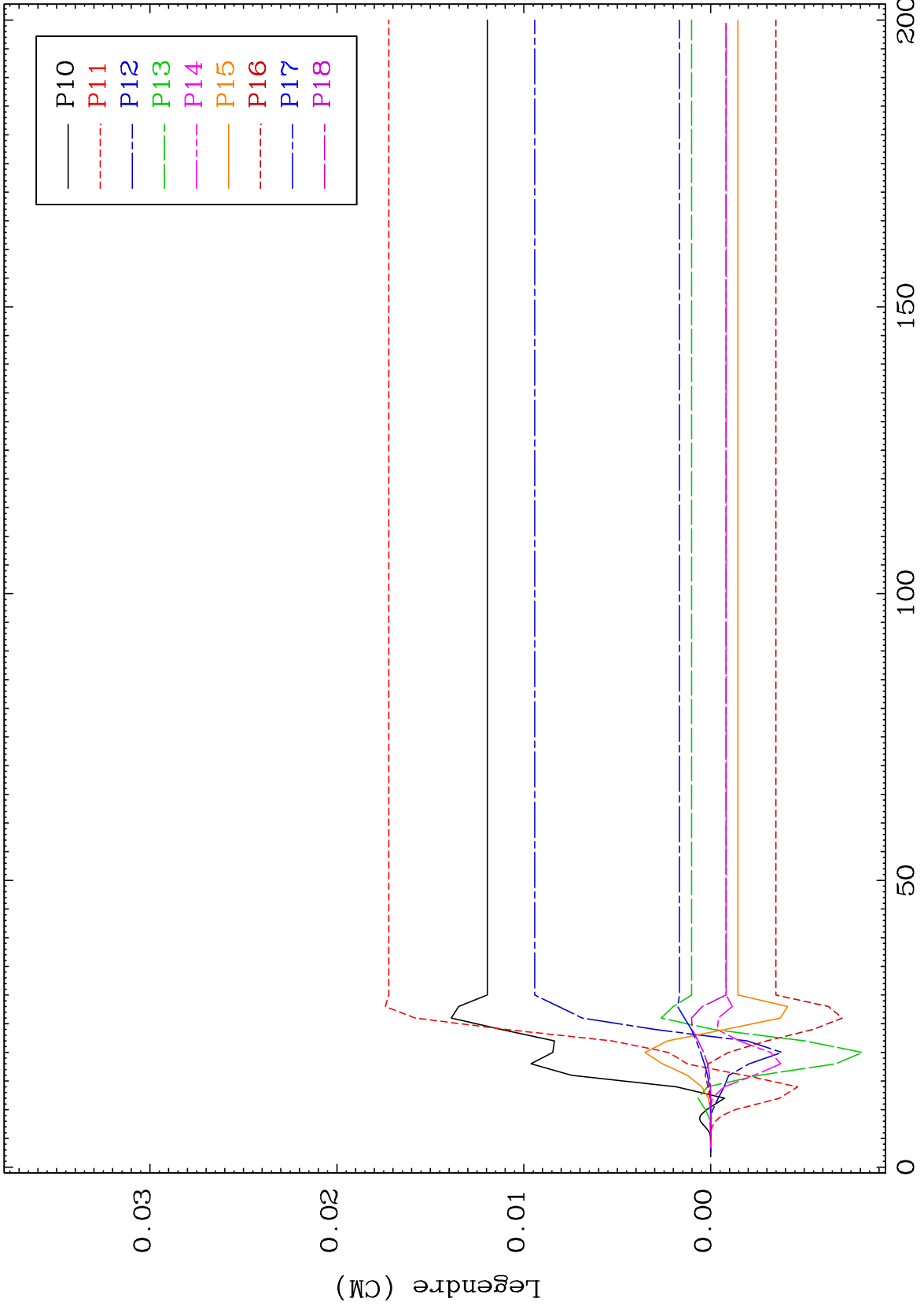
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



103

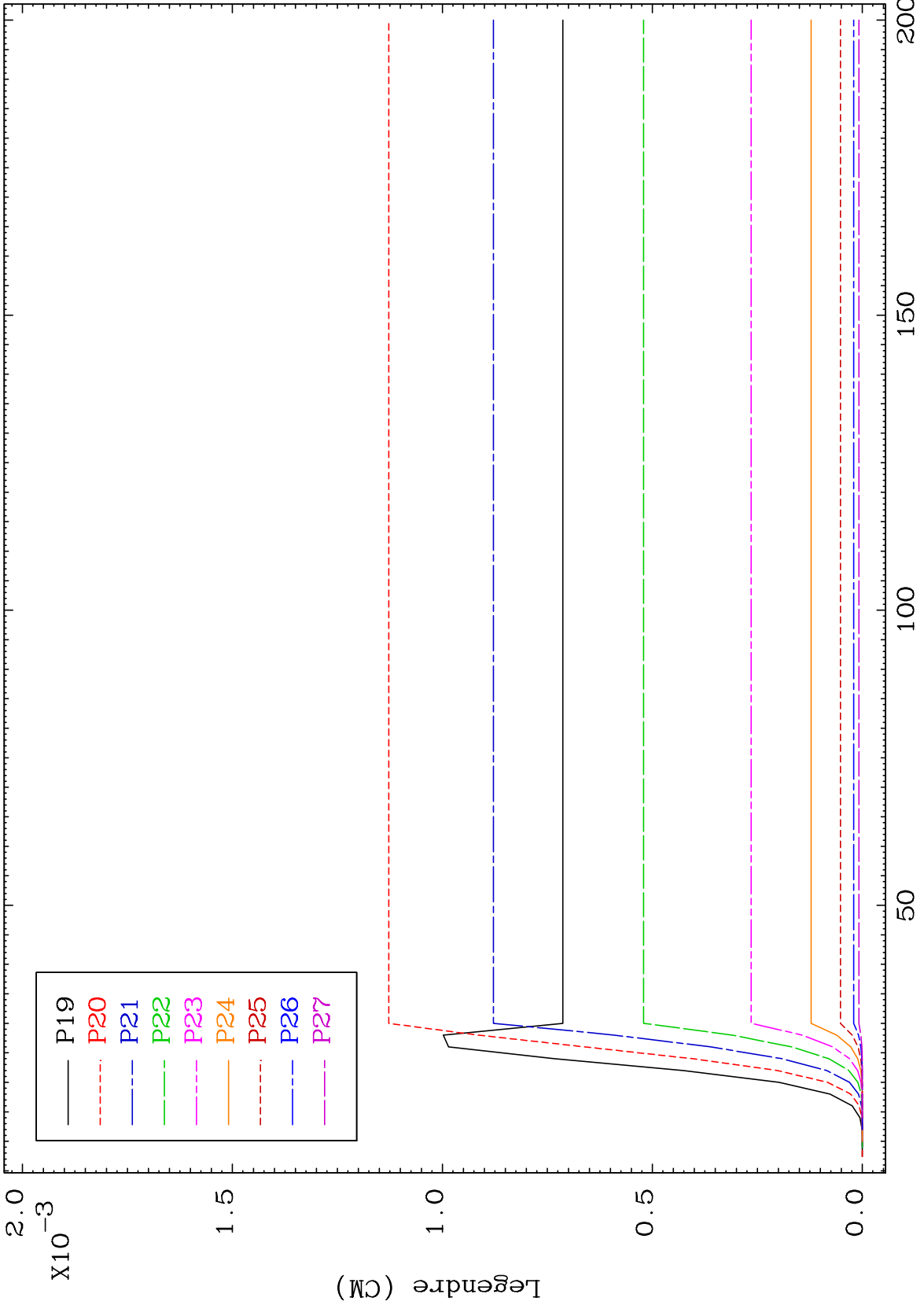
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



104

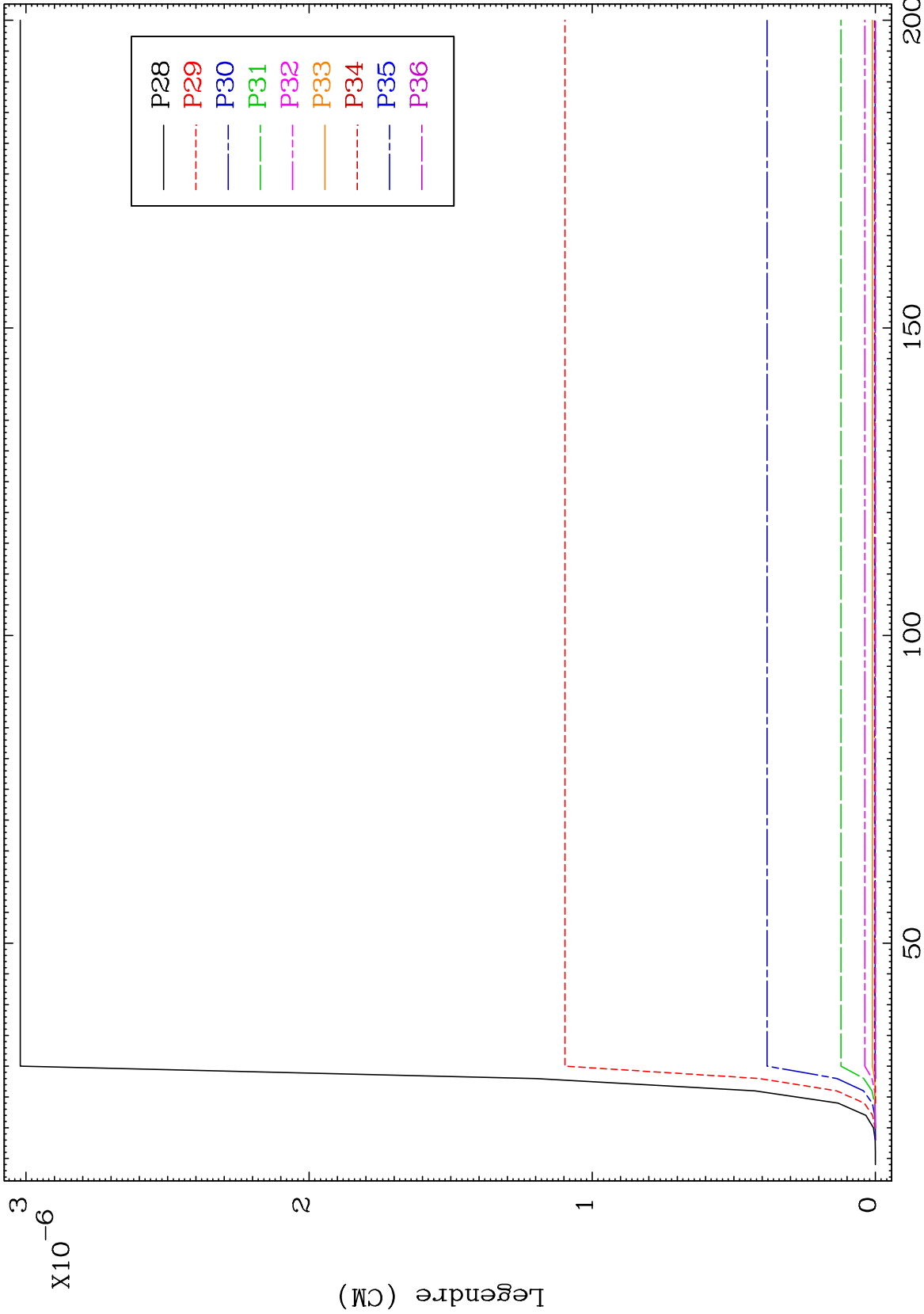
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

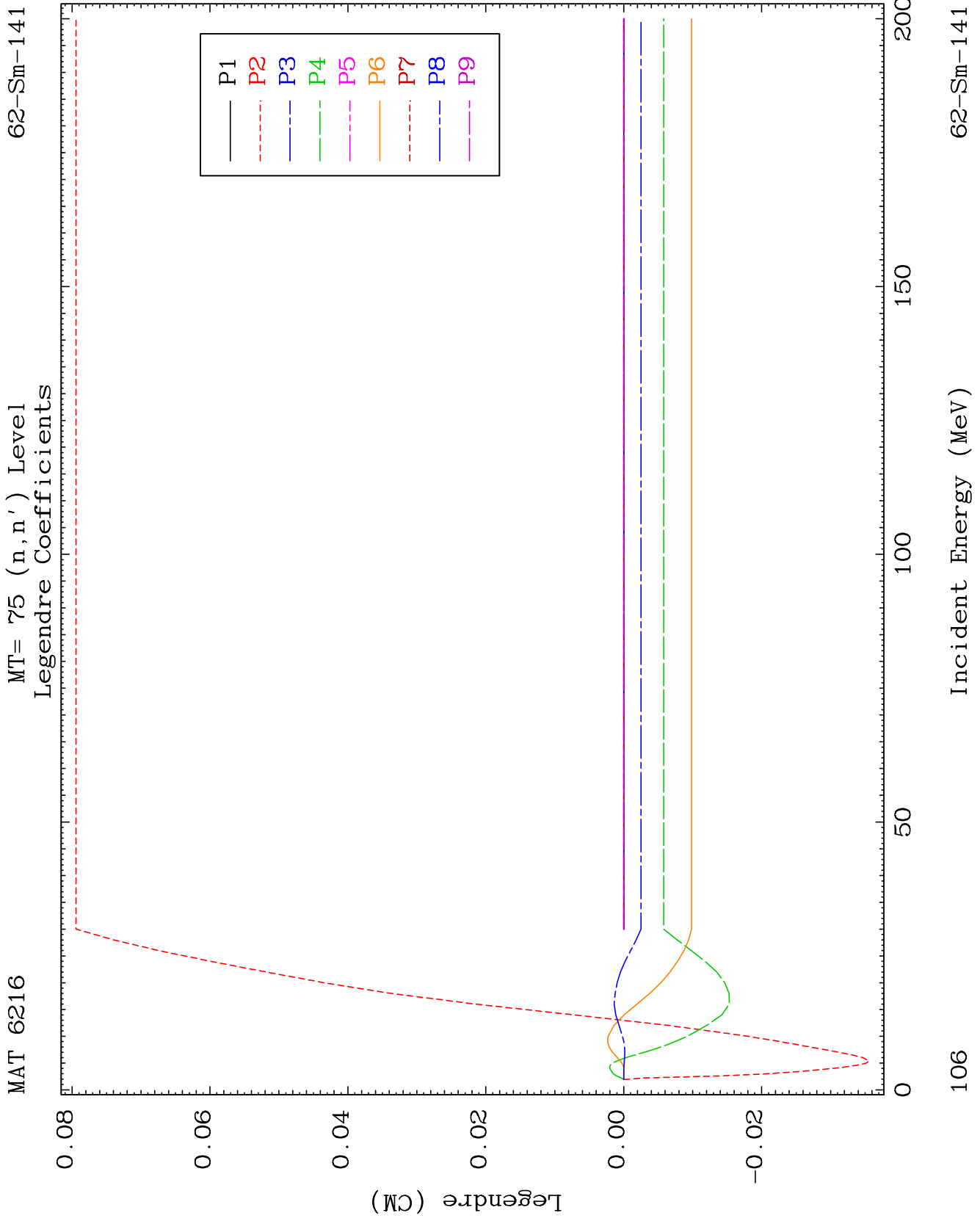
62-Sm-141



105

Incident Energy (MeV)

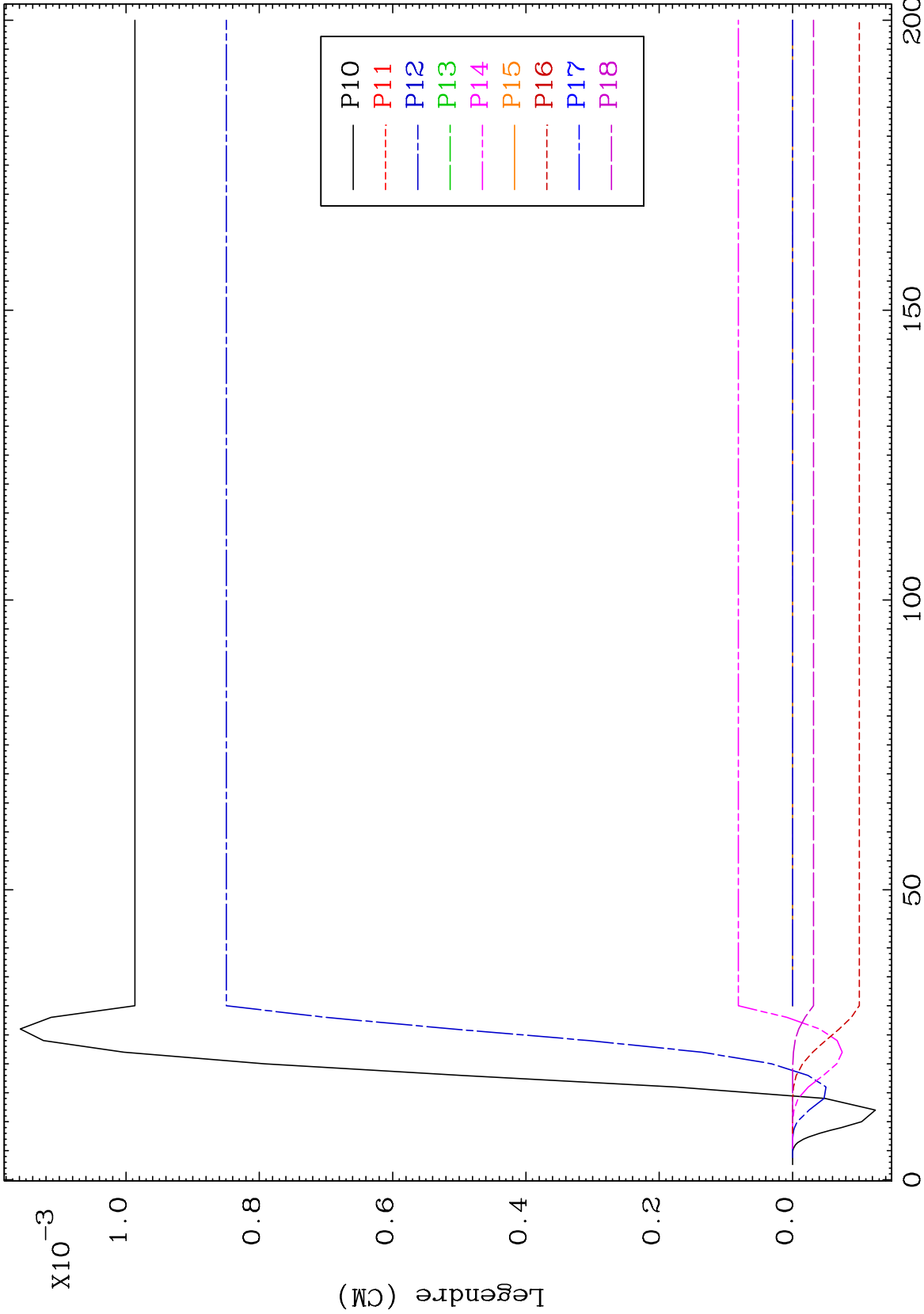
62-Sm-141



MAT 6216

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

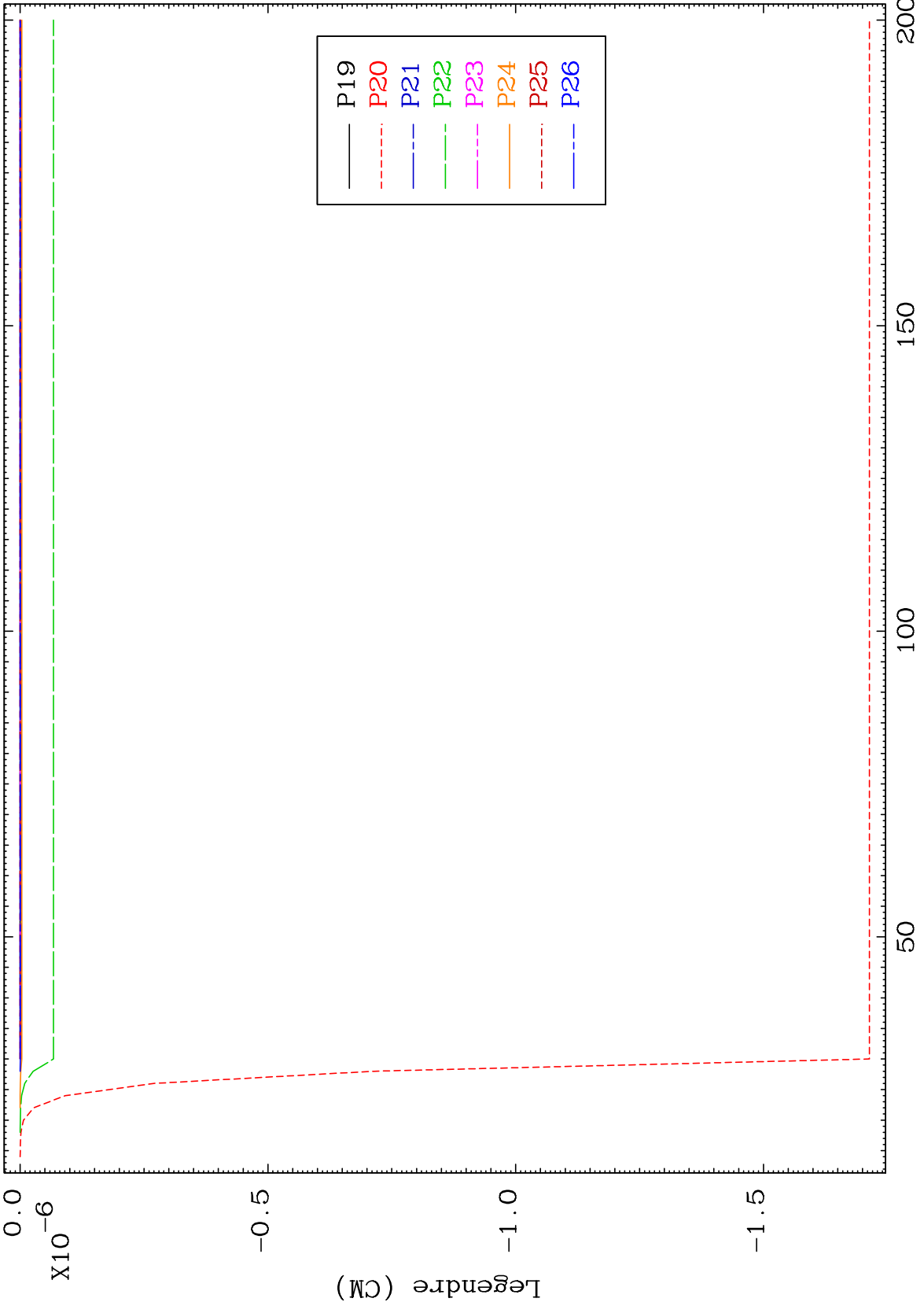
62-Sm-141



107

62-Sm-141

MAT 6216 MT= 75 (n,n') Level Legendre Coefficients 62-Sm-141

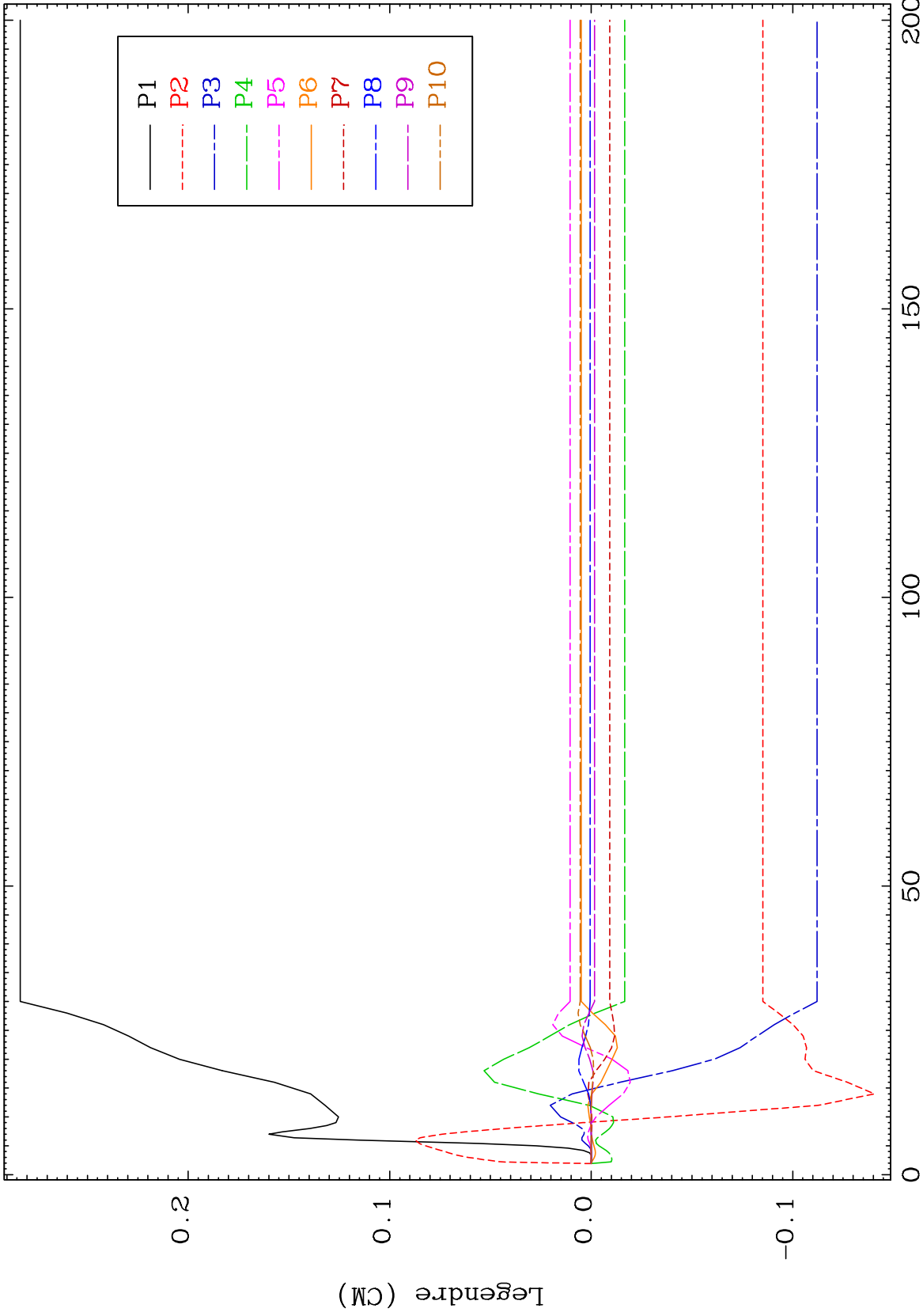


108 62-Sm-141

MAT 6216

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

62-Sm-141



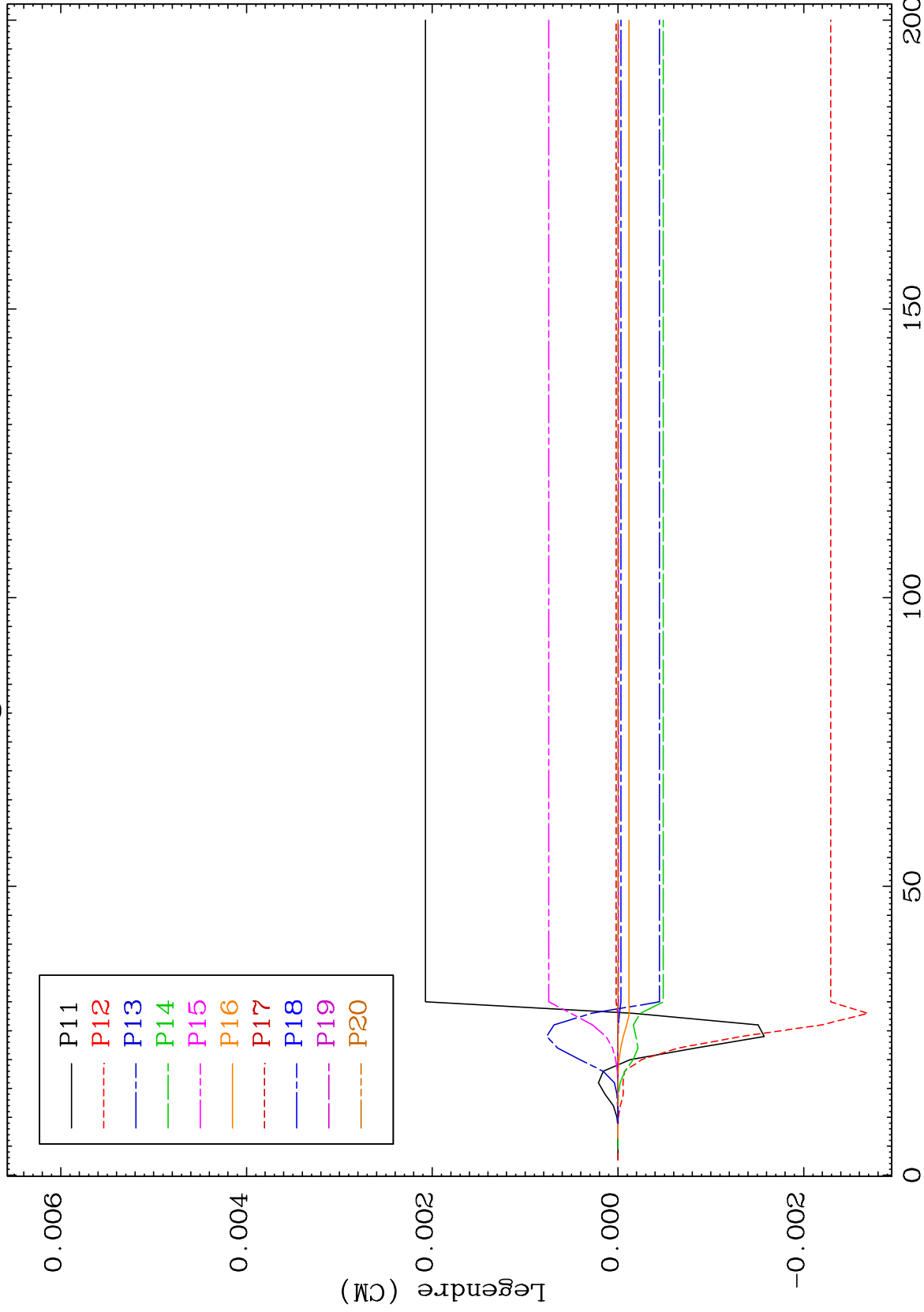
109

62-Sm-141

MAT 6216

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

62-Sm-141



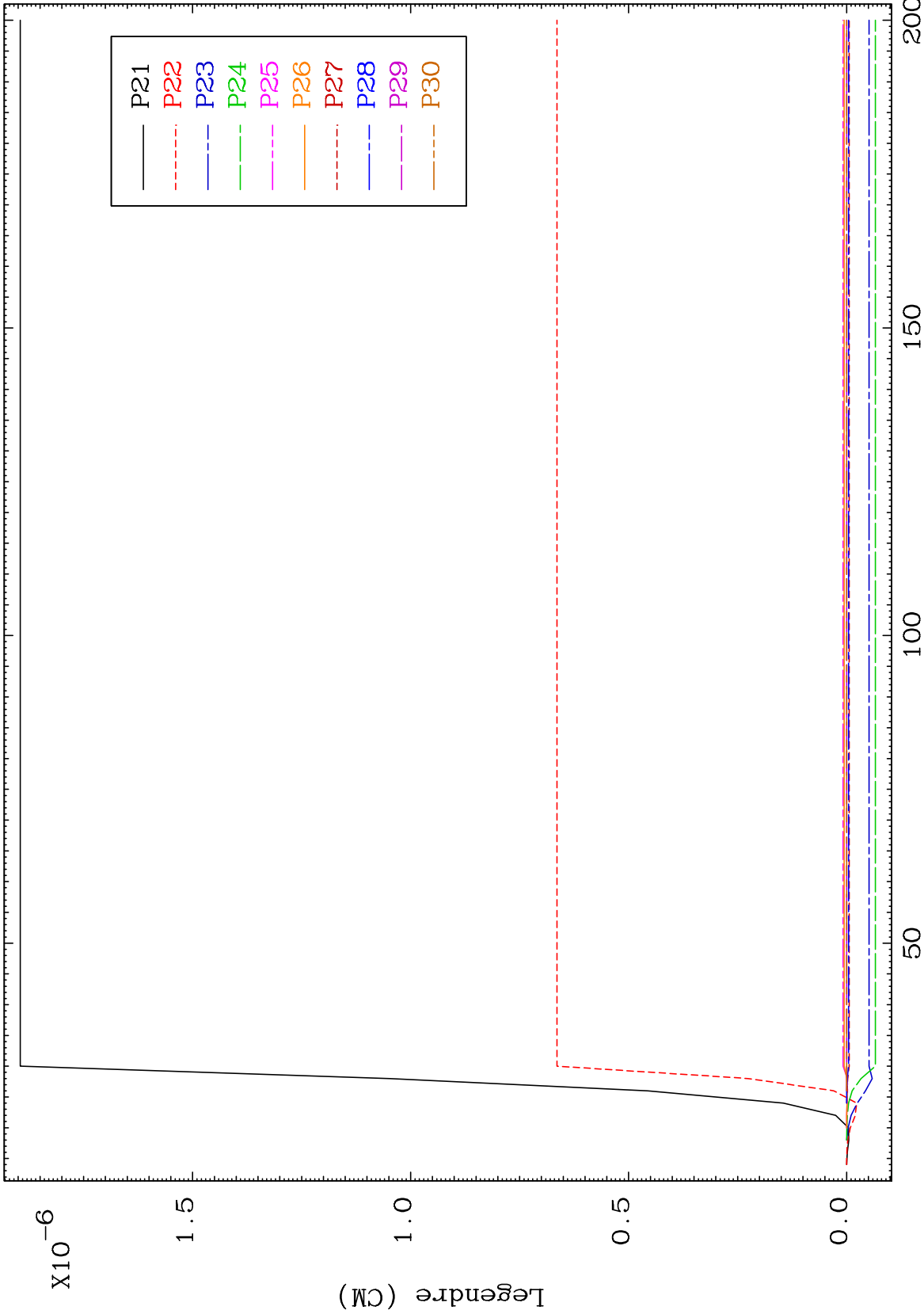
110

62-Sm-141

MAT 6216

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

62-Sm-141



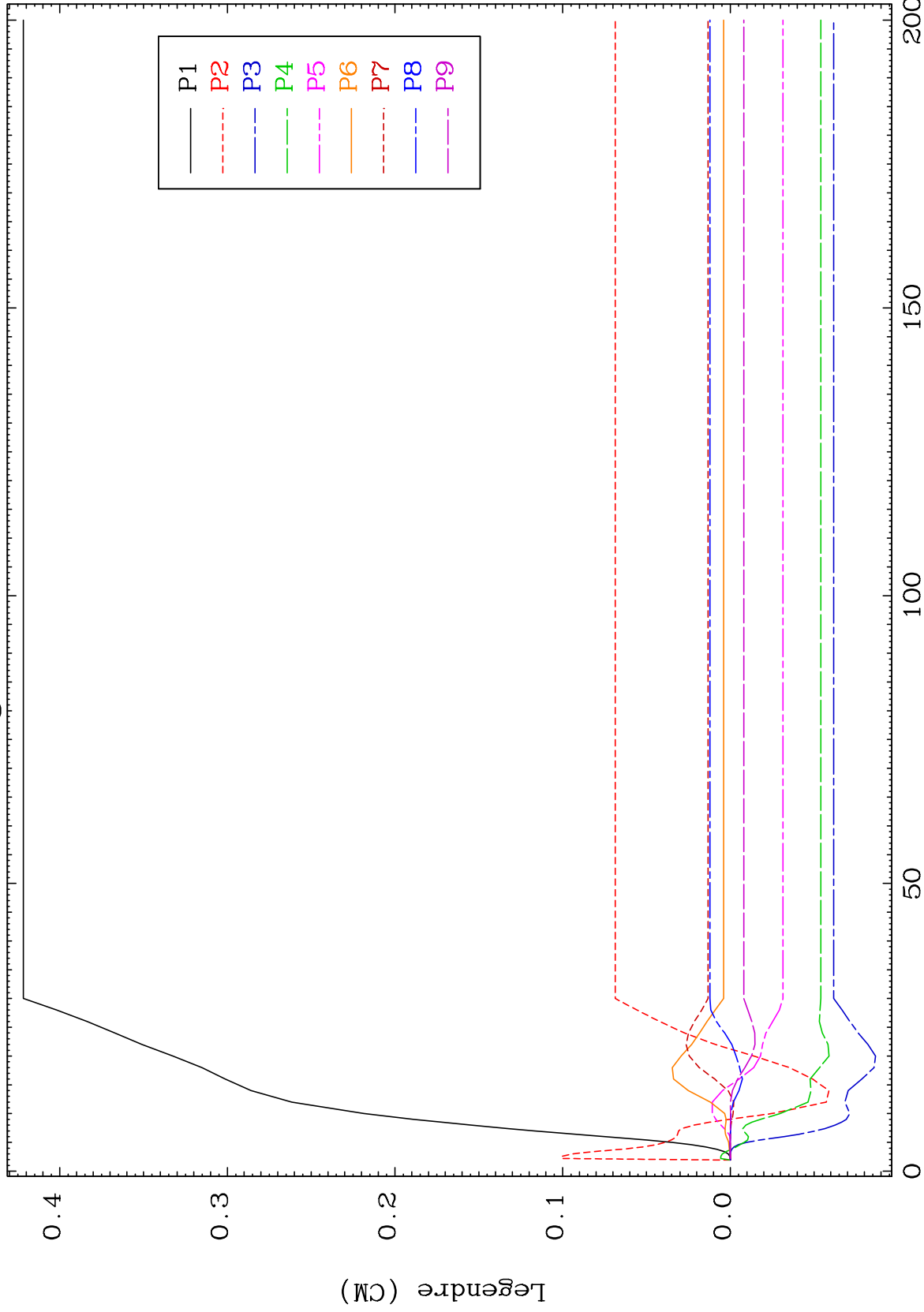
111

62-Sm-141

MAT 6216

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

62-Sm-141



112

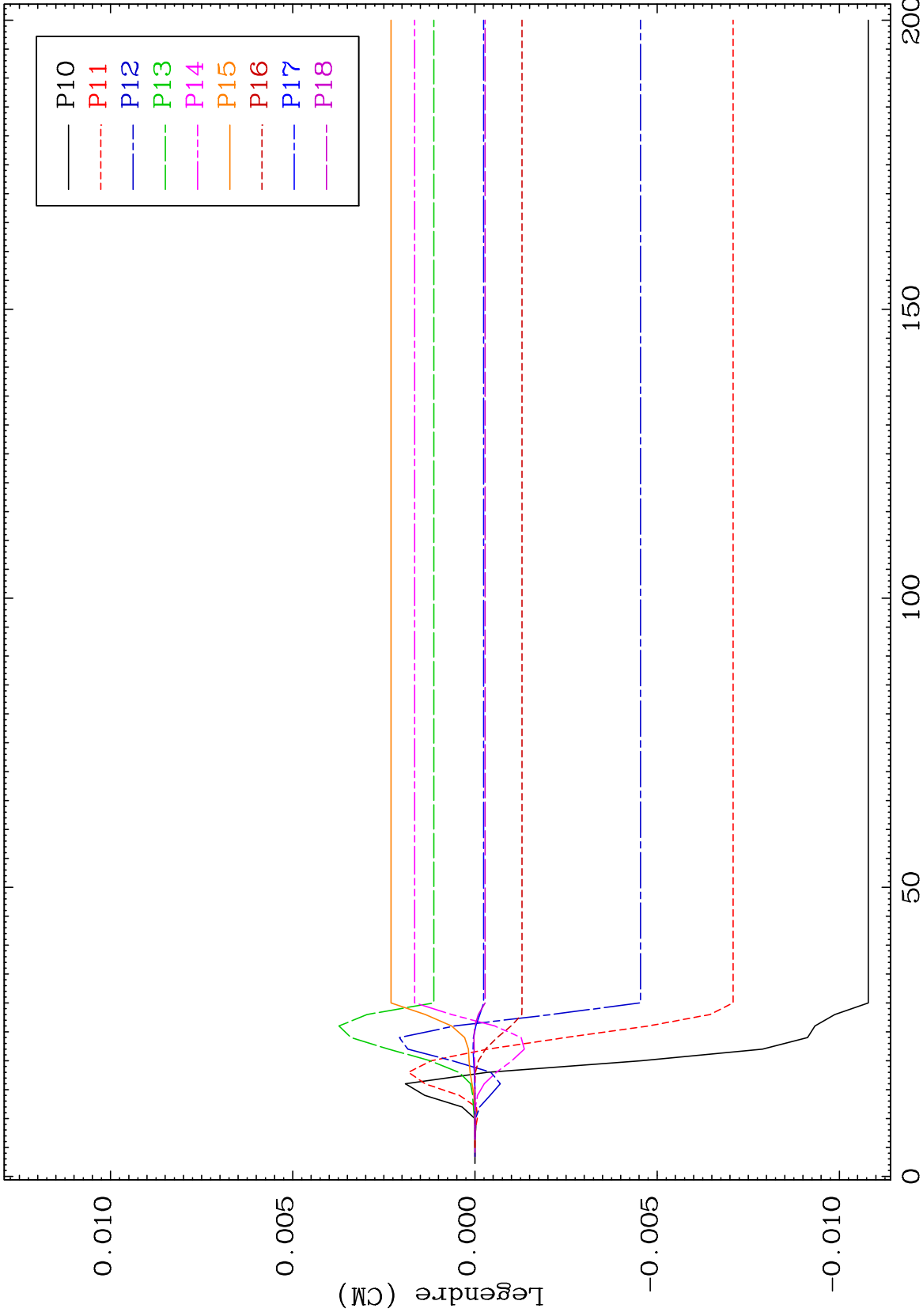
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



113

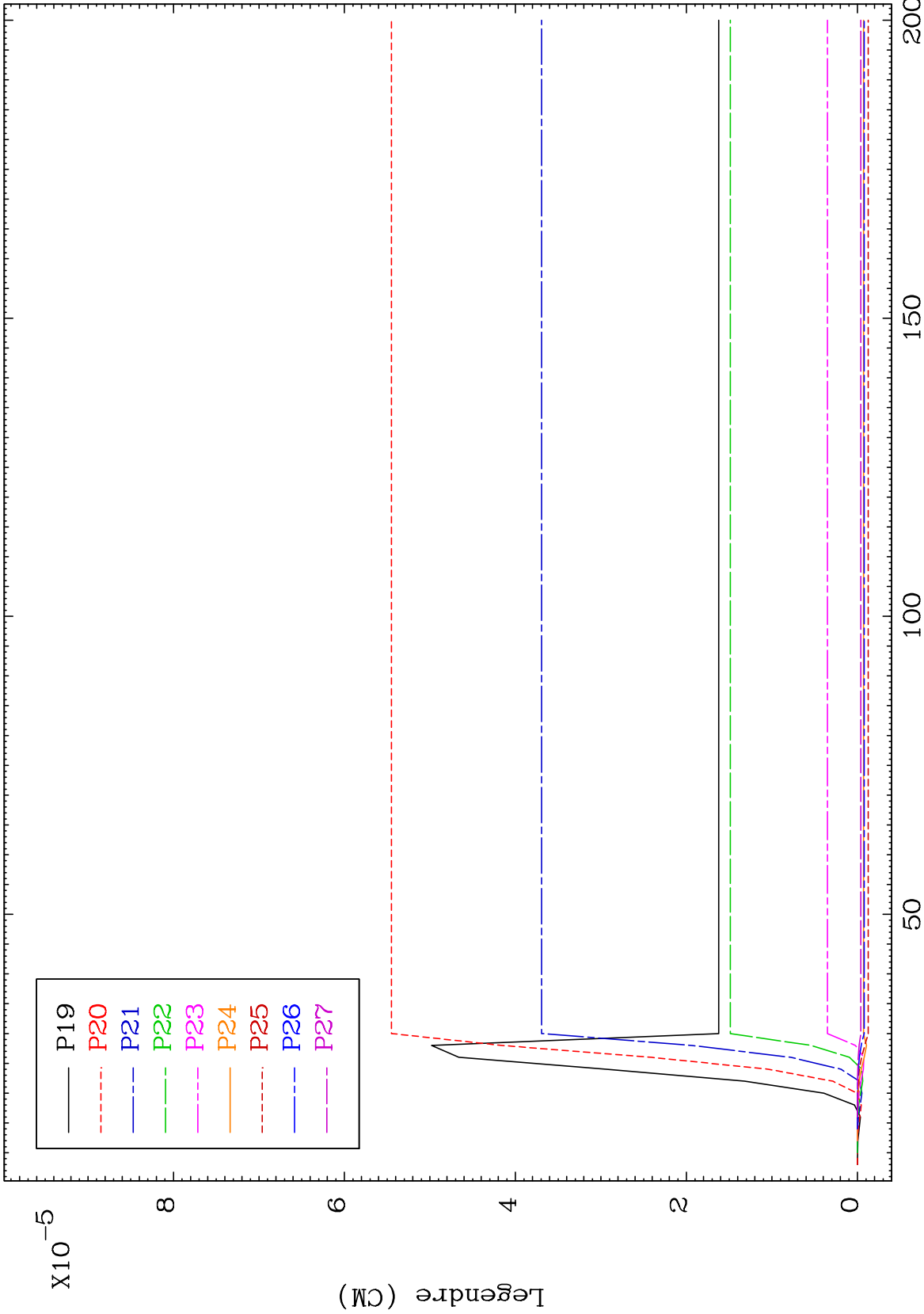
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



114

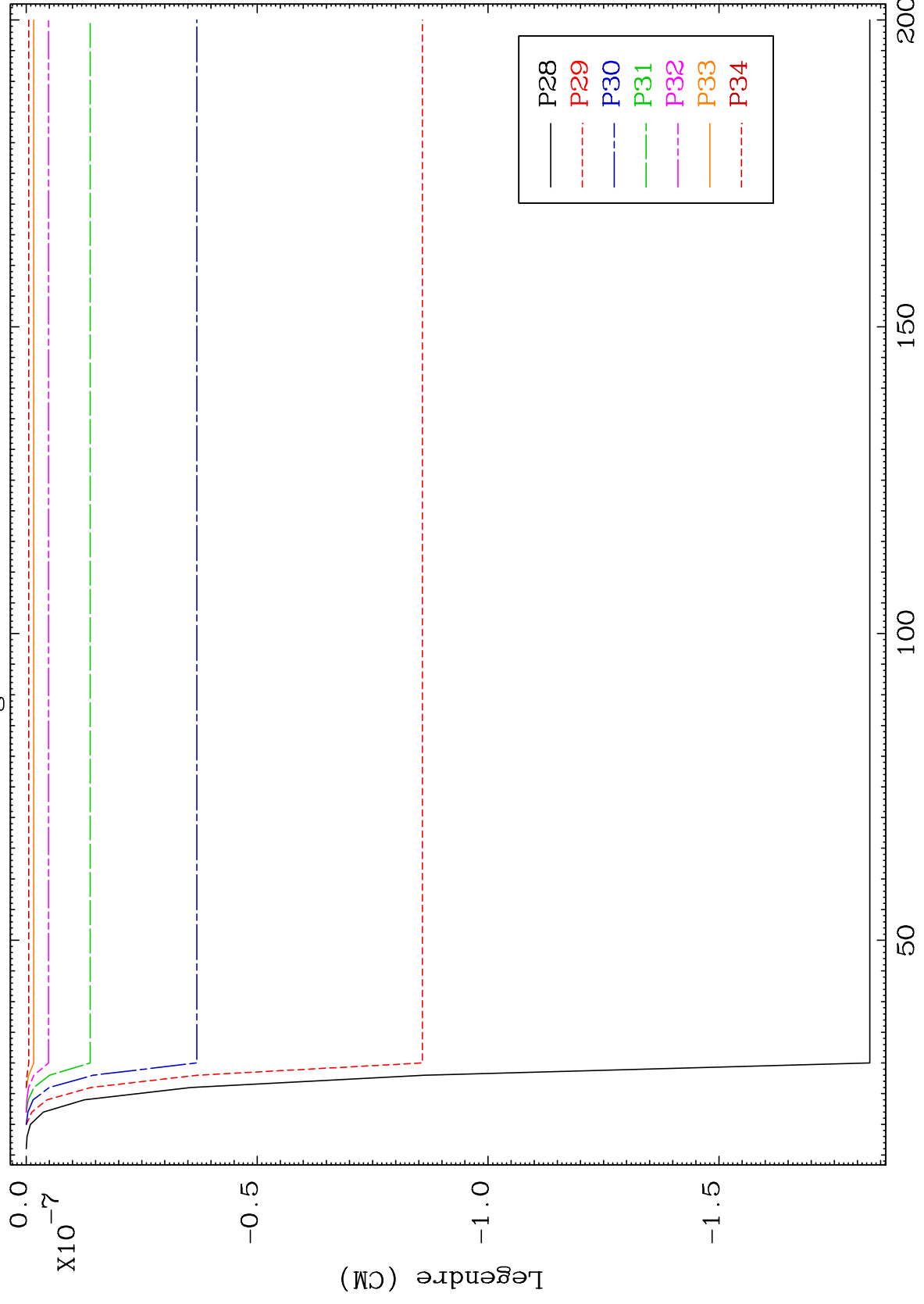
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



62-Sm-141

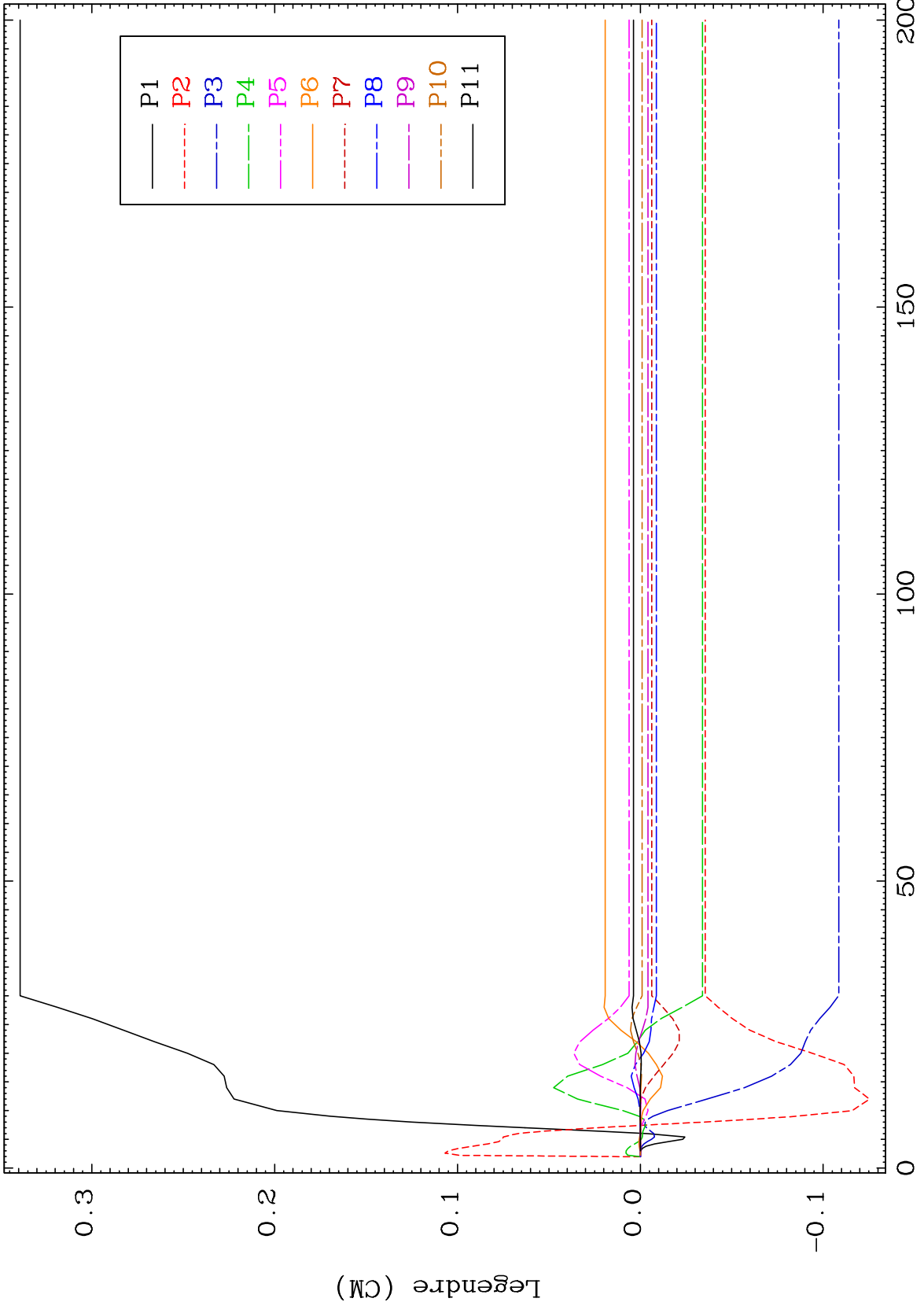
Incident Energy (MeV)

115

MAT 6216

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

62-Sm-141



116

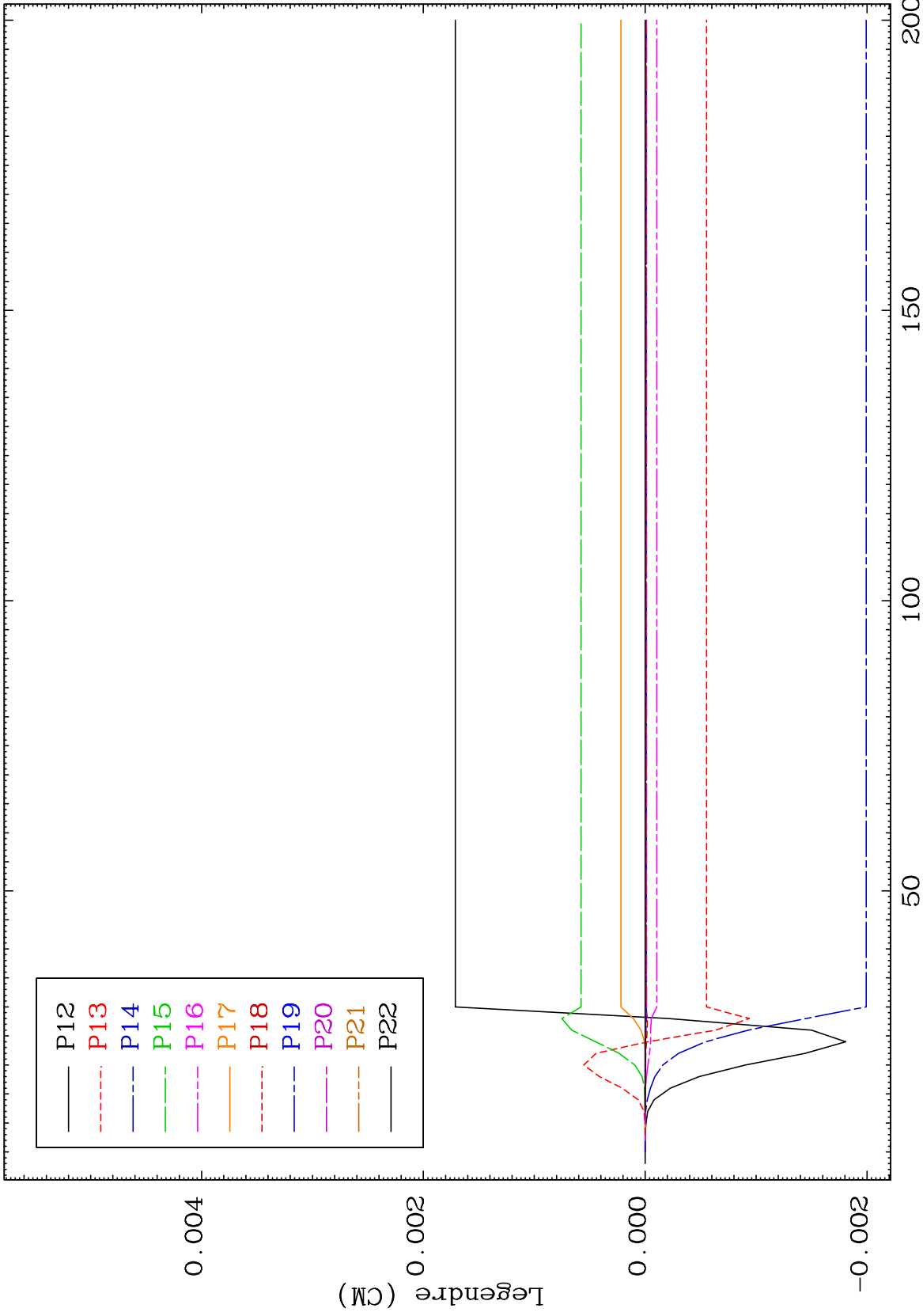
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



117

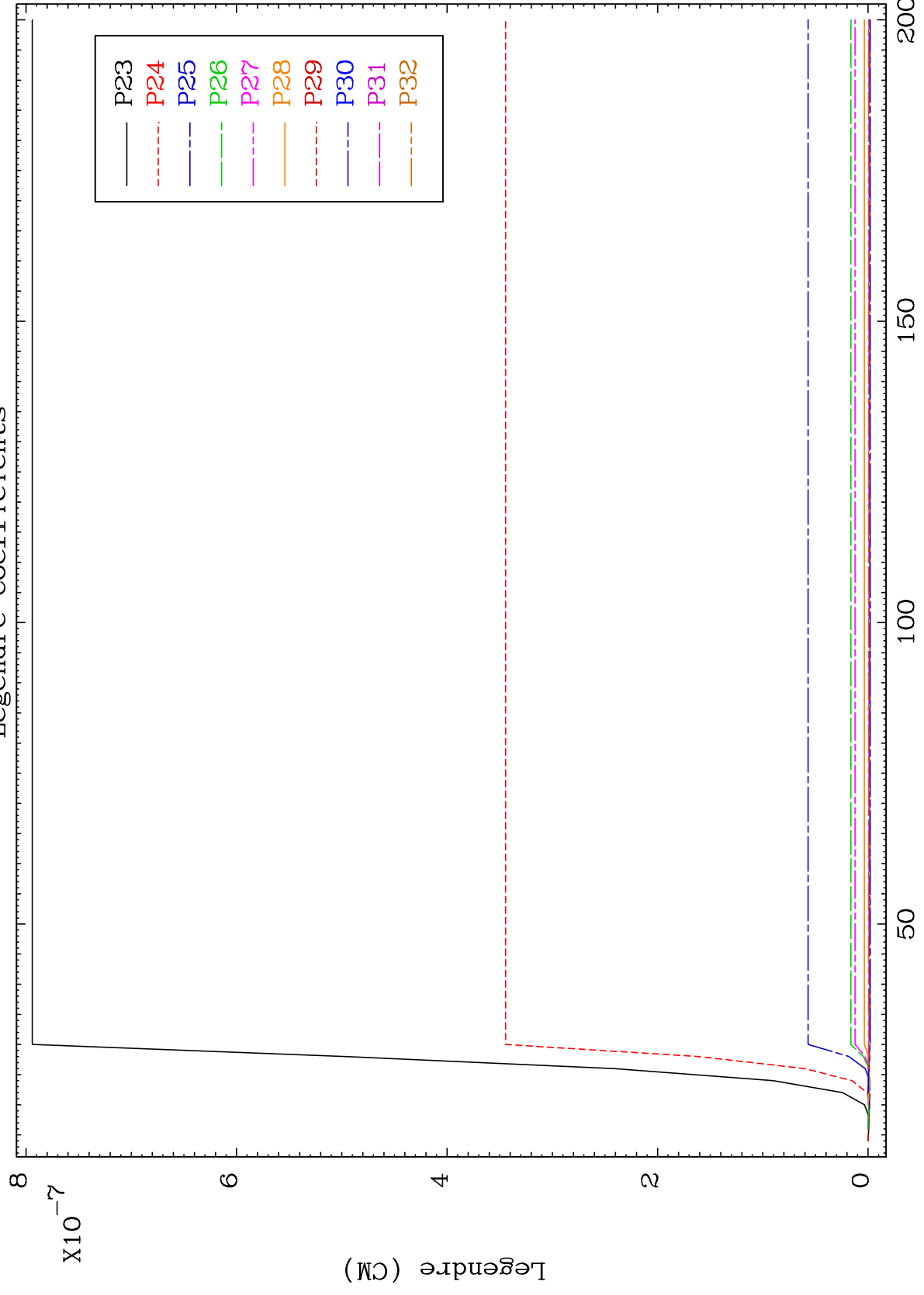
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

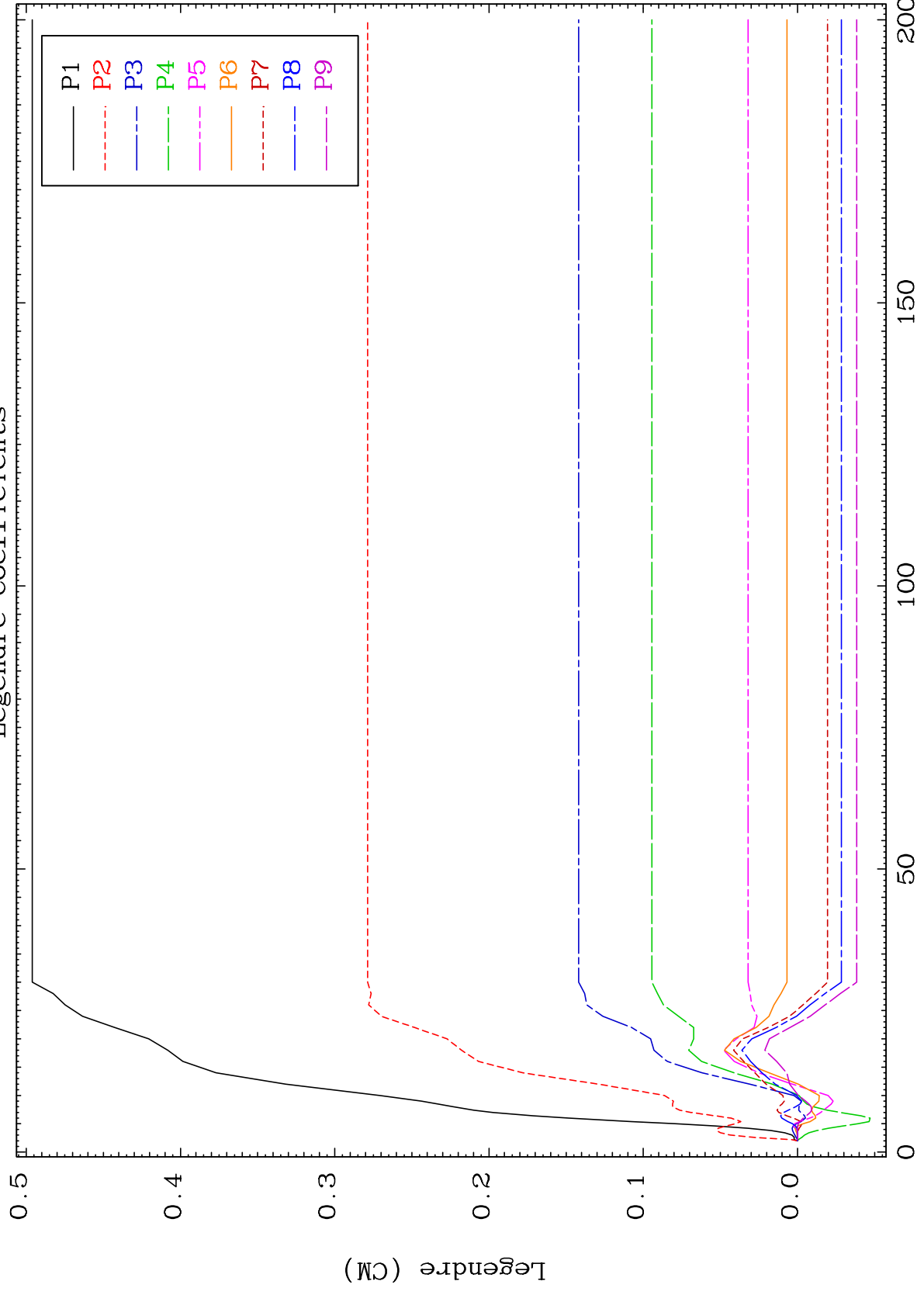
62-Sm-141



118

62-Sm-141

MAT 6216 MT= 79 (n,n') Level Legendre Coefficients 62-Sm-141

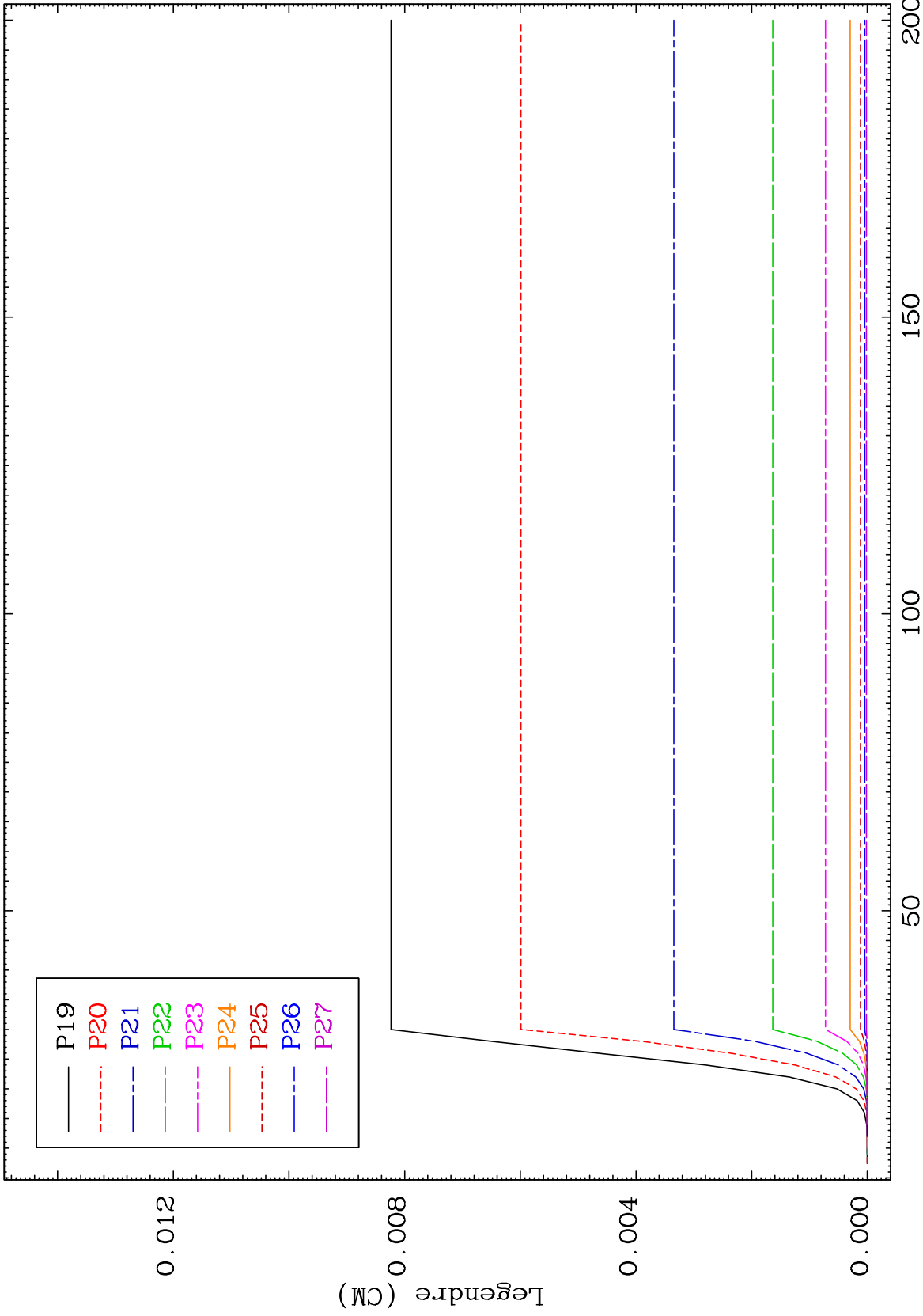


119 62-Sm-141

MAT 6216

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

62-Sm-141



121

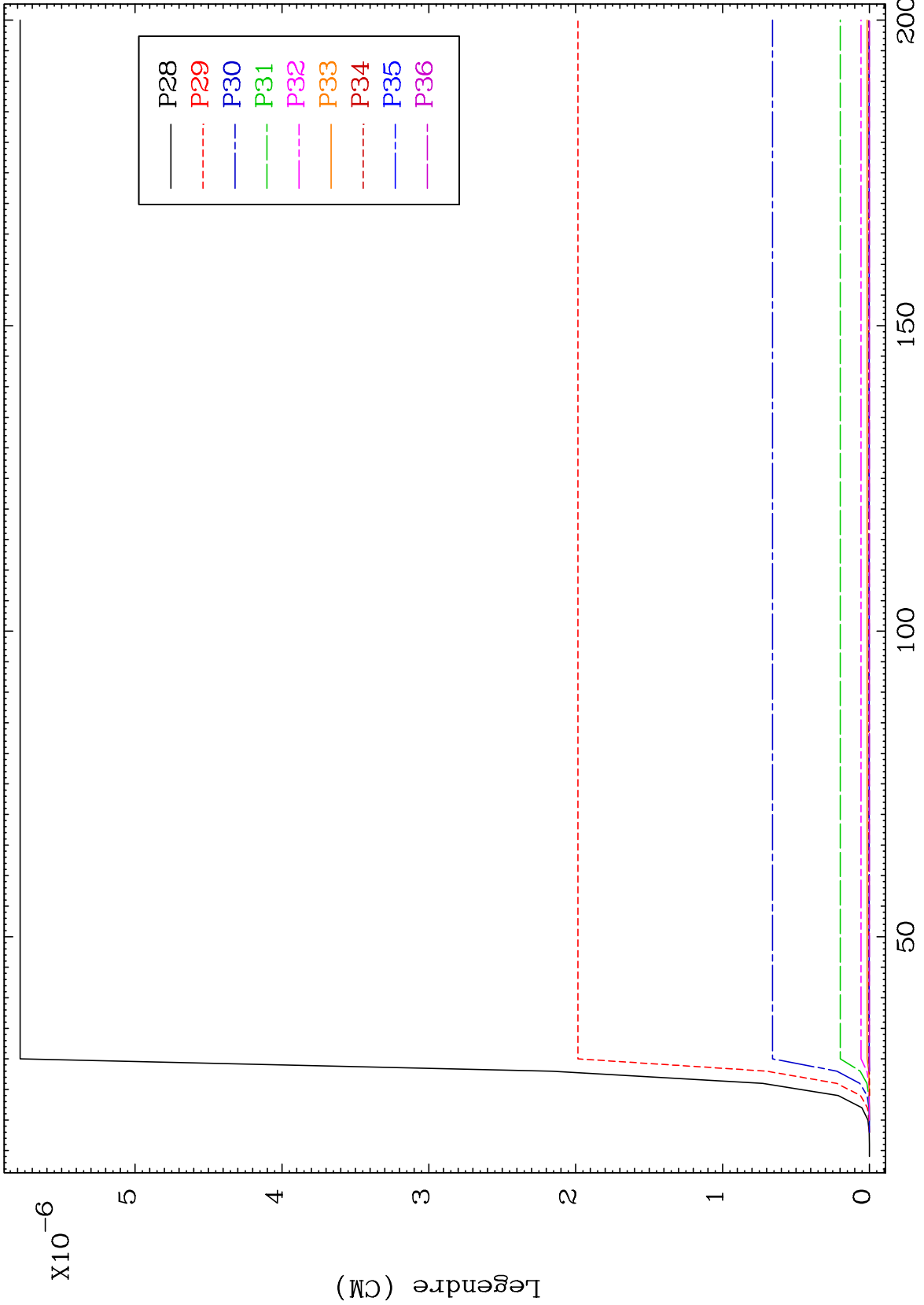
Incident Energy (MeV)

62-Sm-141

MAT 6216

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

62-Sm-141



122

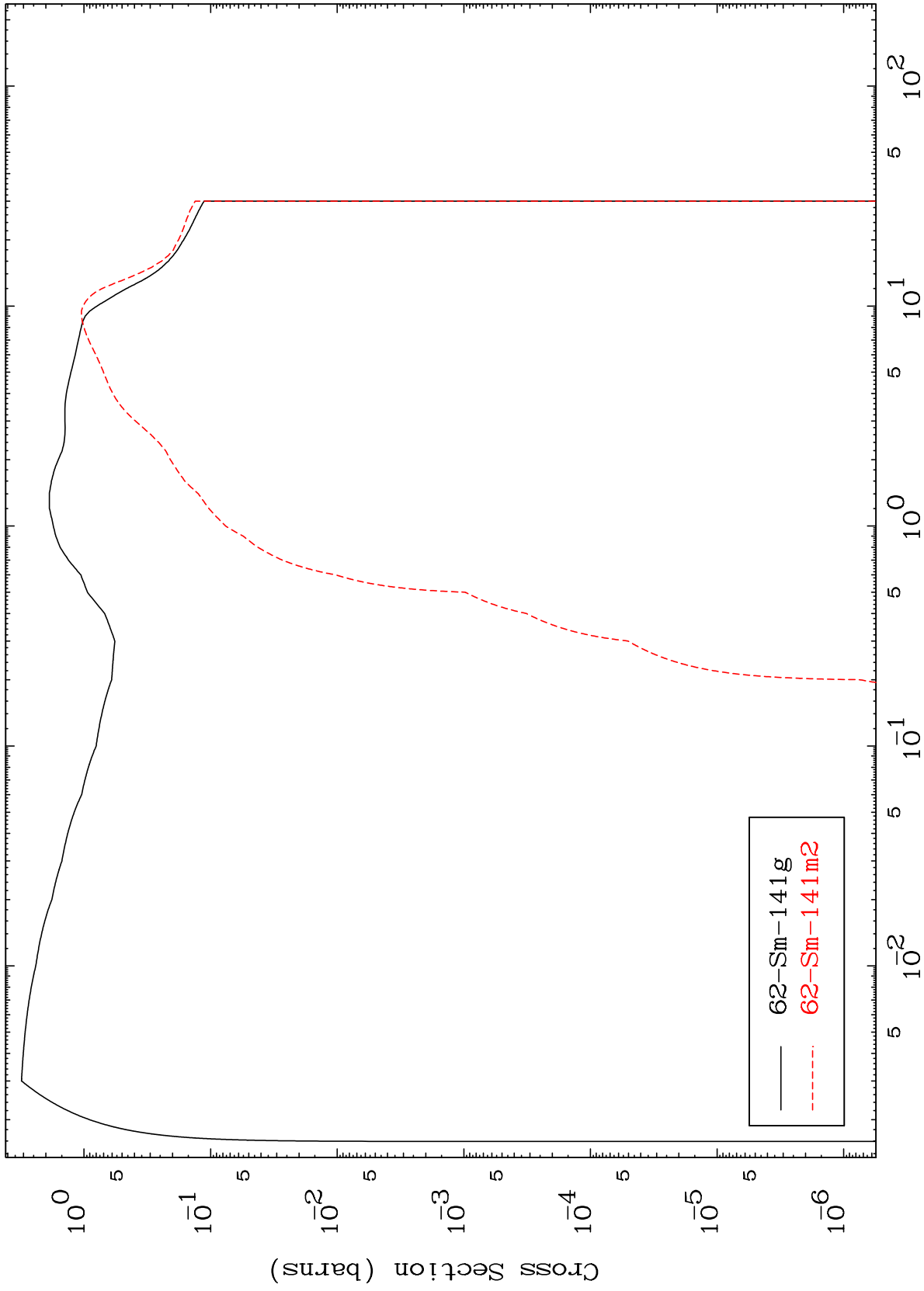
Incident Energy (MeV)

62-Sm-141

MAT 6216

62-Sm-141

Inelastic Radionuclide Production Cross Section



123

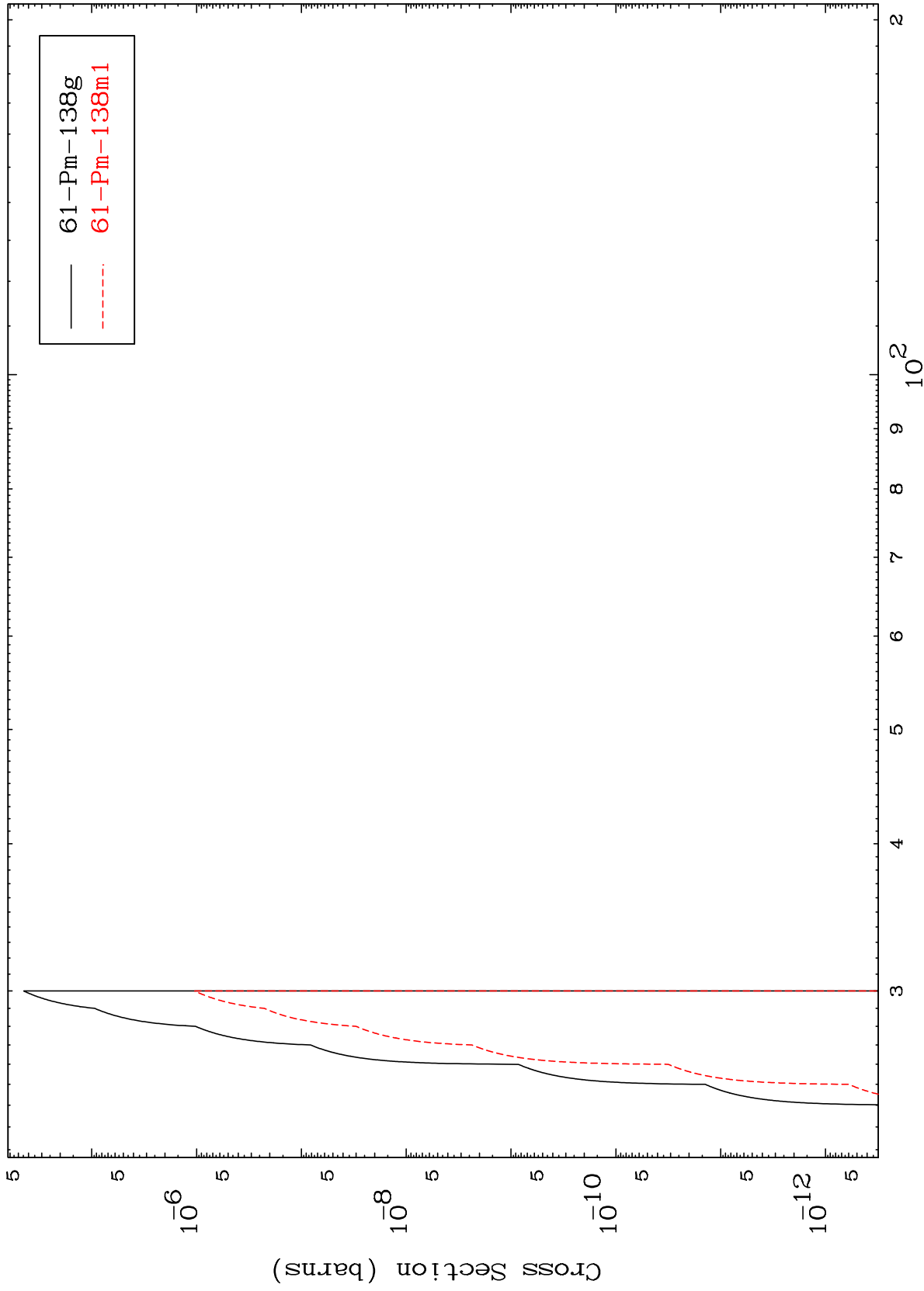
62-Sm-141

MAT 6216

(n,2n) d

62-Sm-141

Radionuclide Production Cross Section



124

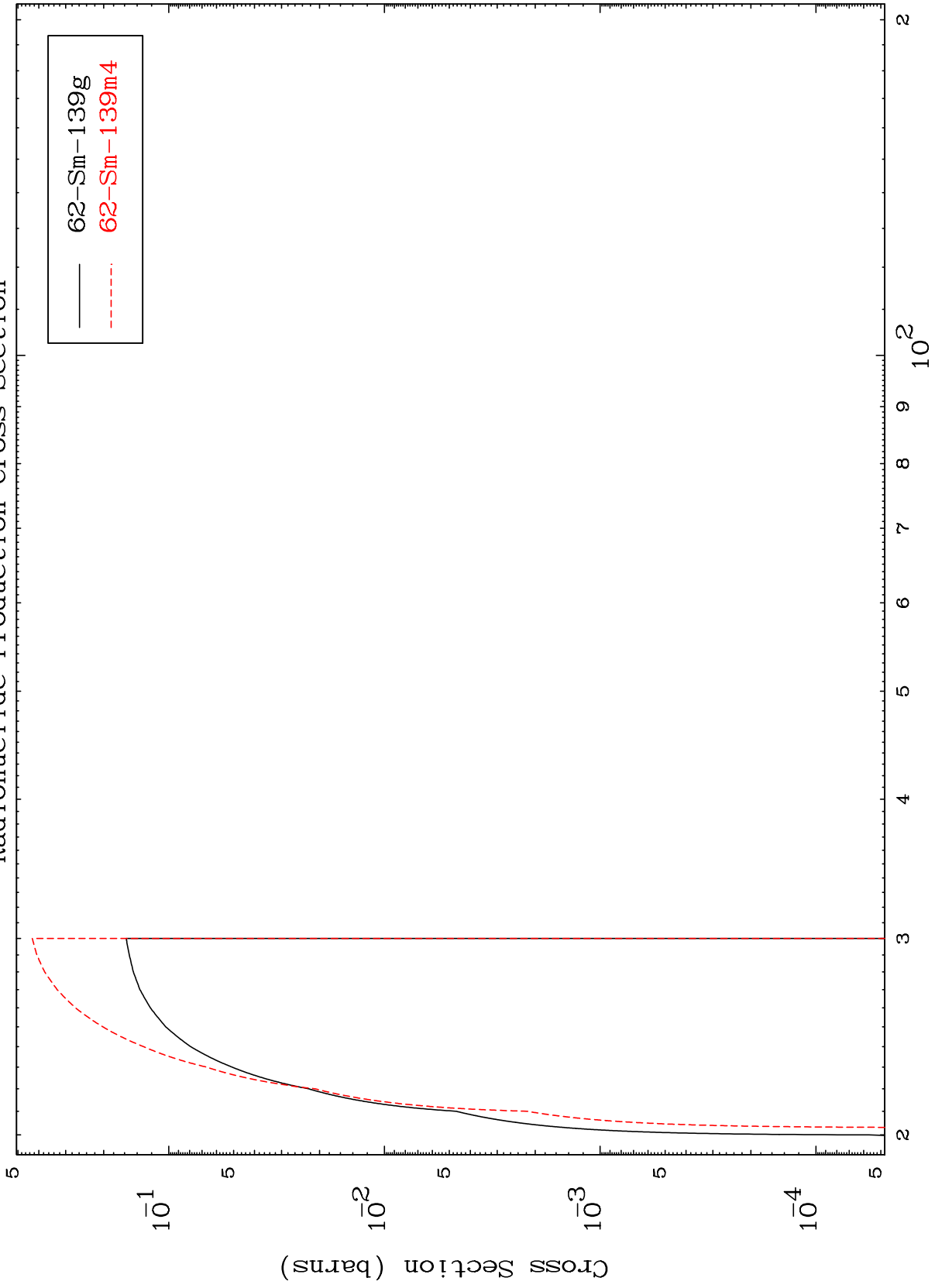
Incident Energy (MeV)

62-Sm-141

MAT 6216

62-Sm-141

(n,3n)
Radionuclide Production Cross Section



125

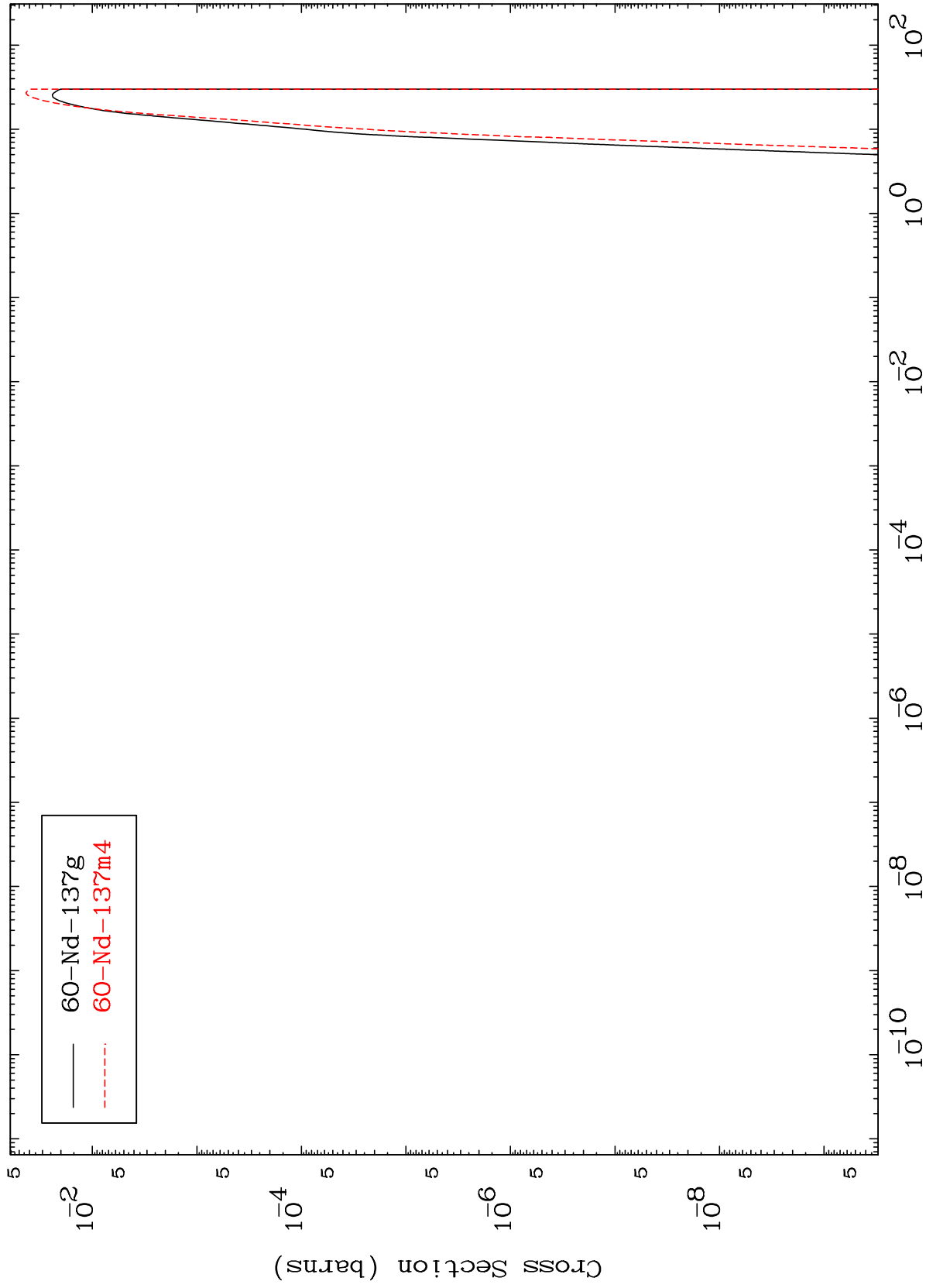
62-Sm-141

MAT 6216

(n,n') α

62-Sm-141

Radionuclide Production Cross Section



126

Incident Energy (MeV)

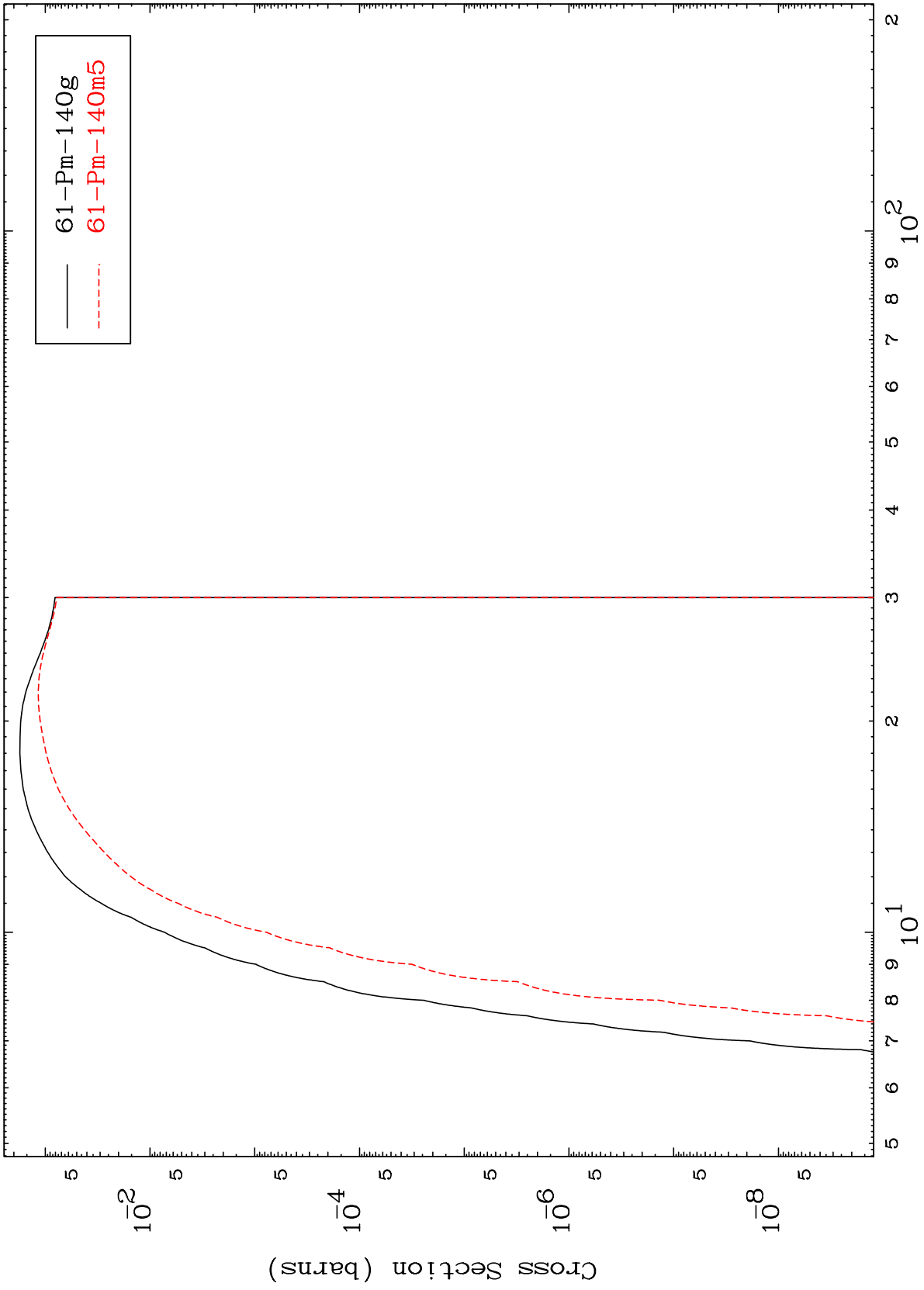
62-Sm-141

MAT 6216

(n,n') p

62-Sm-141

Radionuclide Production Cross Section



127

Incident Energy (MeV)

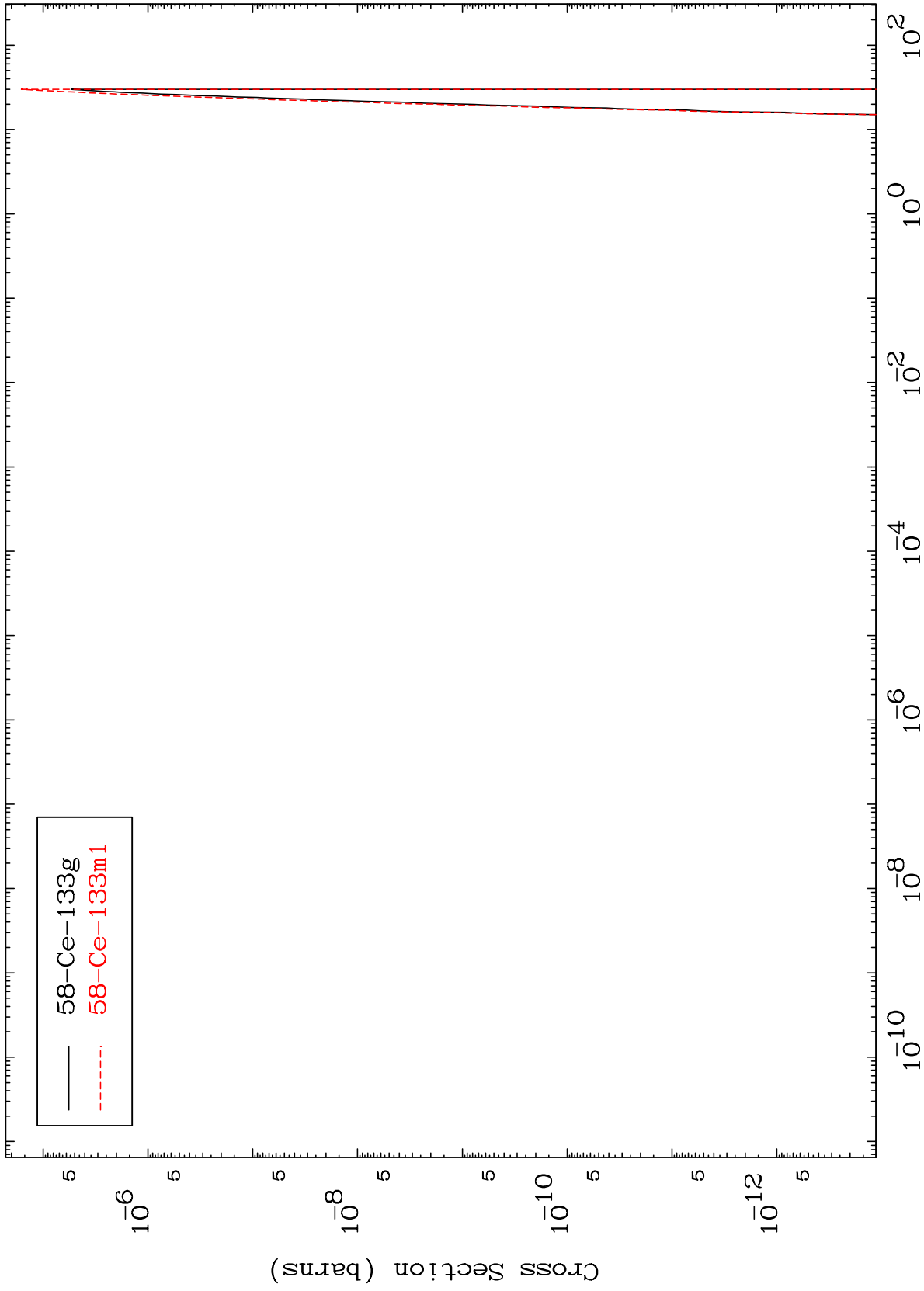
62-Sm-141

MAT 6216

(n,n') 2 α

62-Sm-141

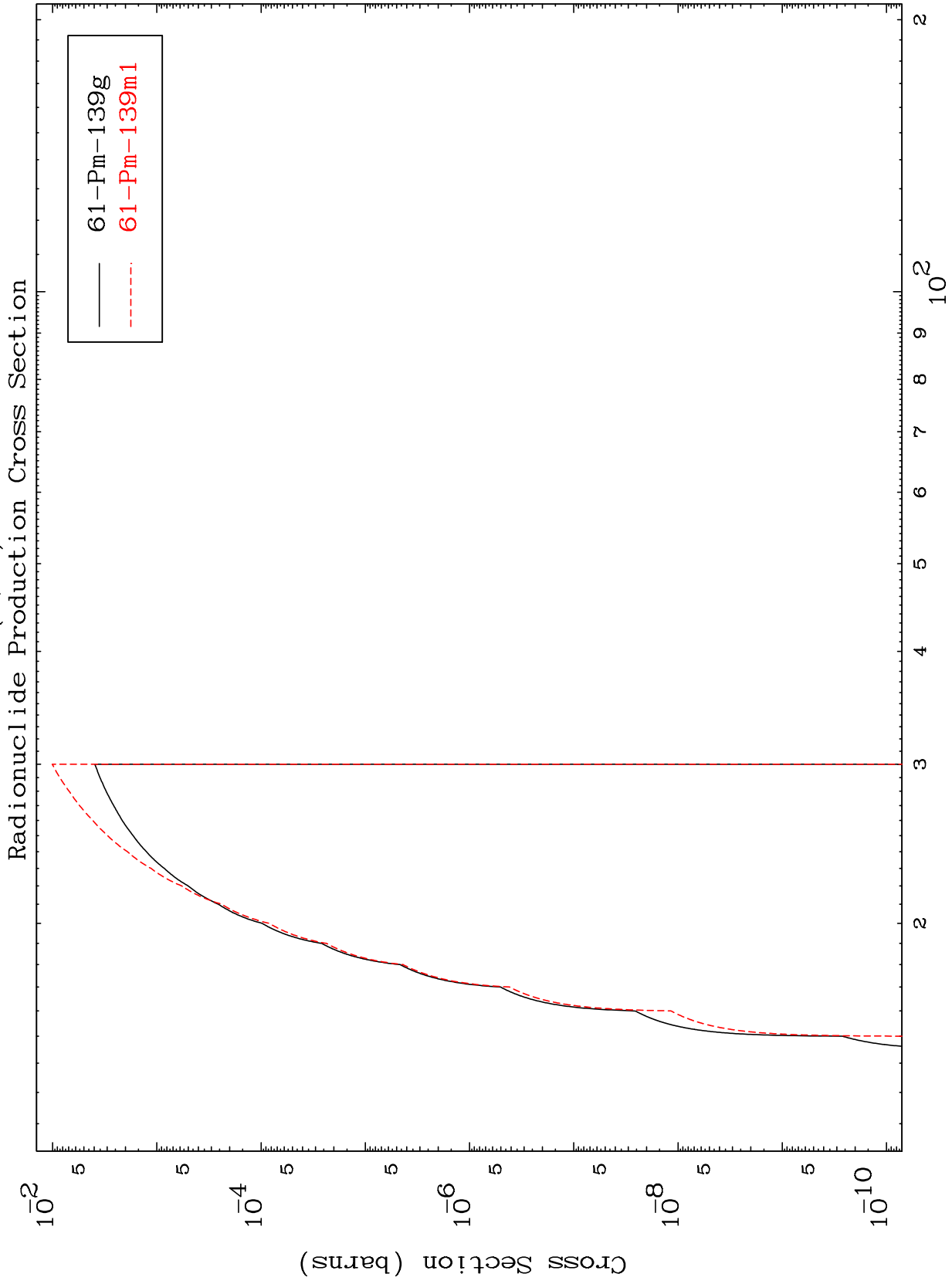
Radionuclide Production Cross Section



MAT 6216

(n, n') d

62-Sm-141



129

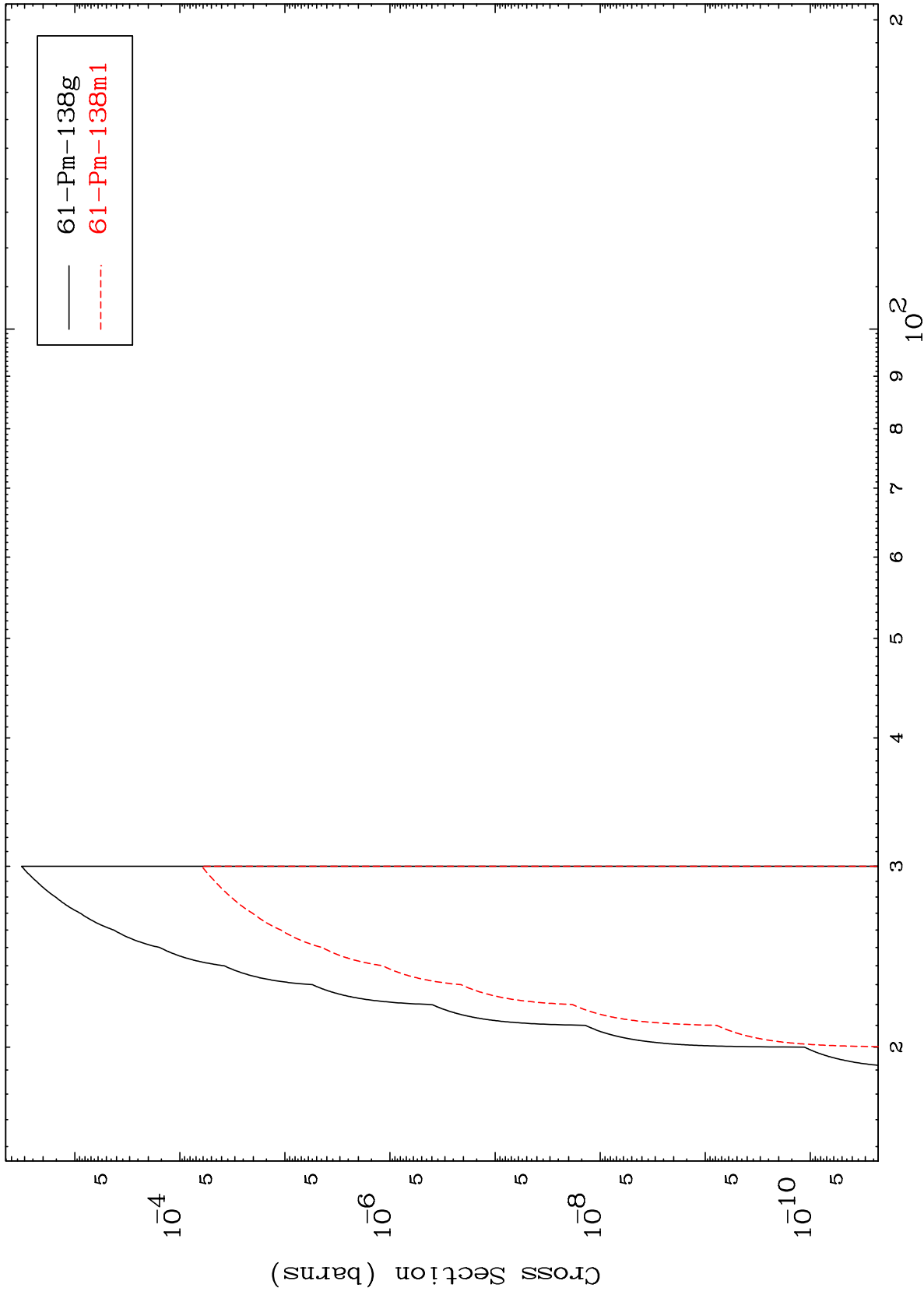
62-Sm-141

MAT 6216

(n,n') t

62-Sm-141

Radionuclide Production Cross Section



130

Incident Energy (MeV)

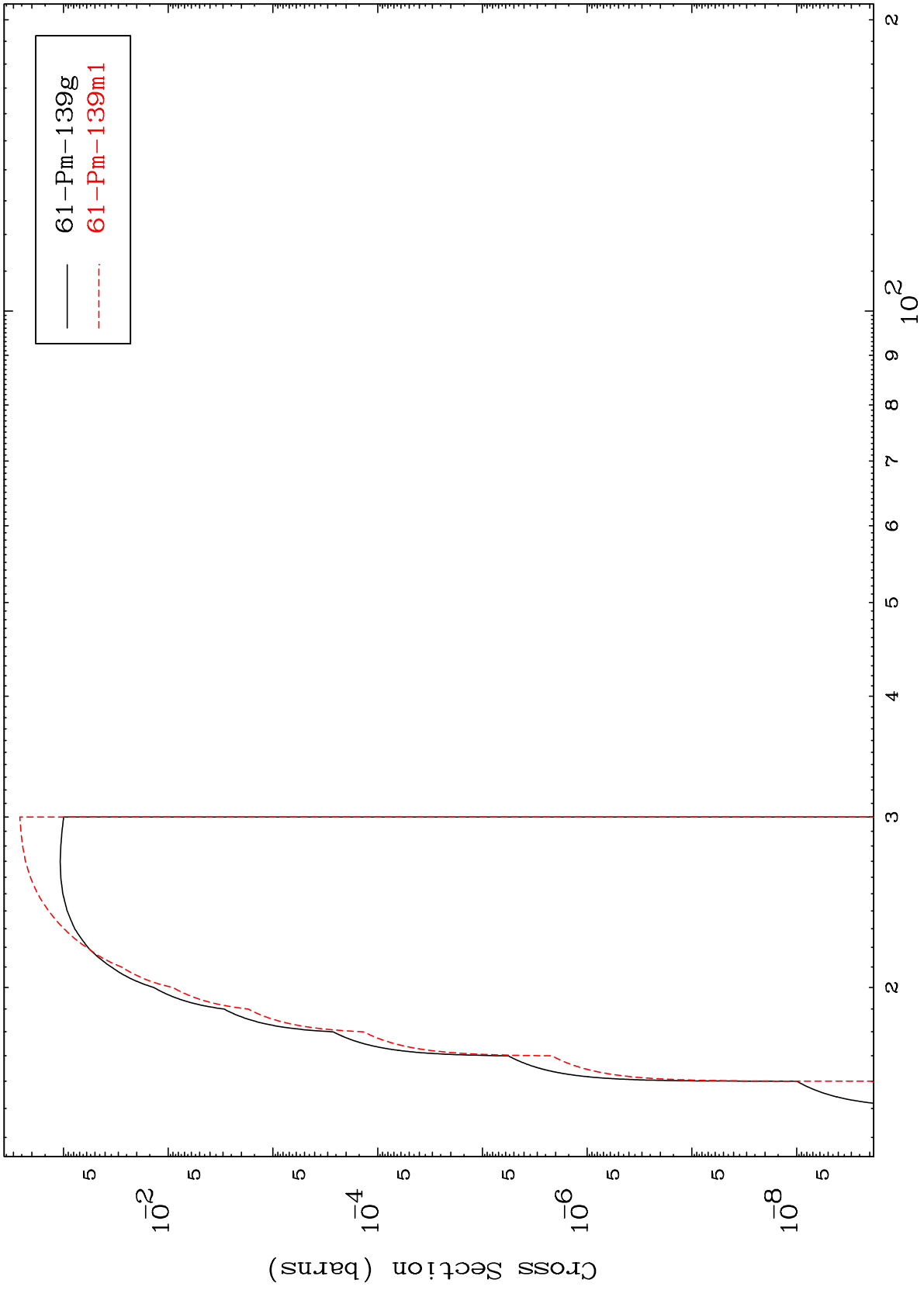
62-Sm-141

MAT 6216

(n,2n) p

62-Sm-141

Radionuclide Production Cross Section



131

Incident Energy (MeV)

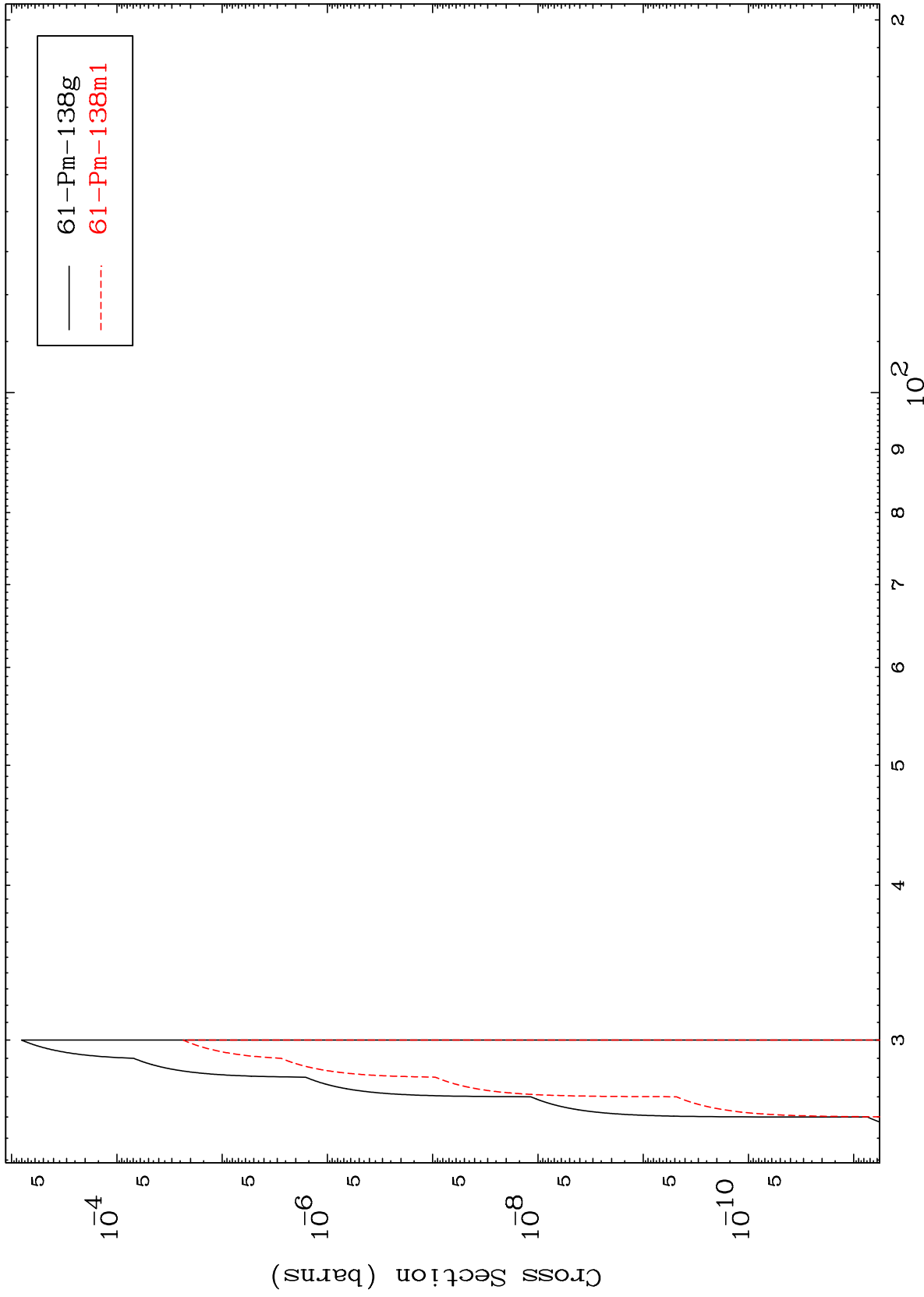
62-Sm-141

MAT 6216

(n,3n) p

62-Sm-141

Radionuclide Production Cross Section



132

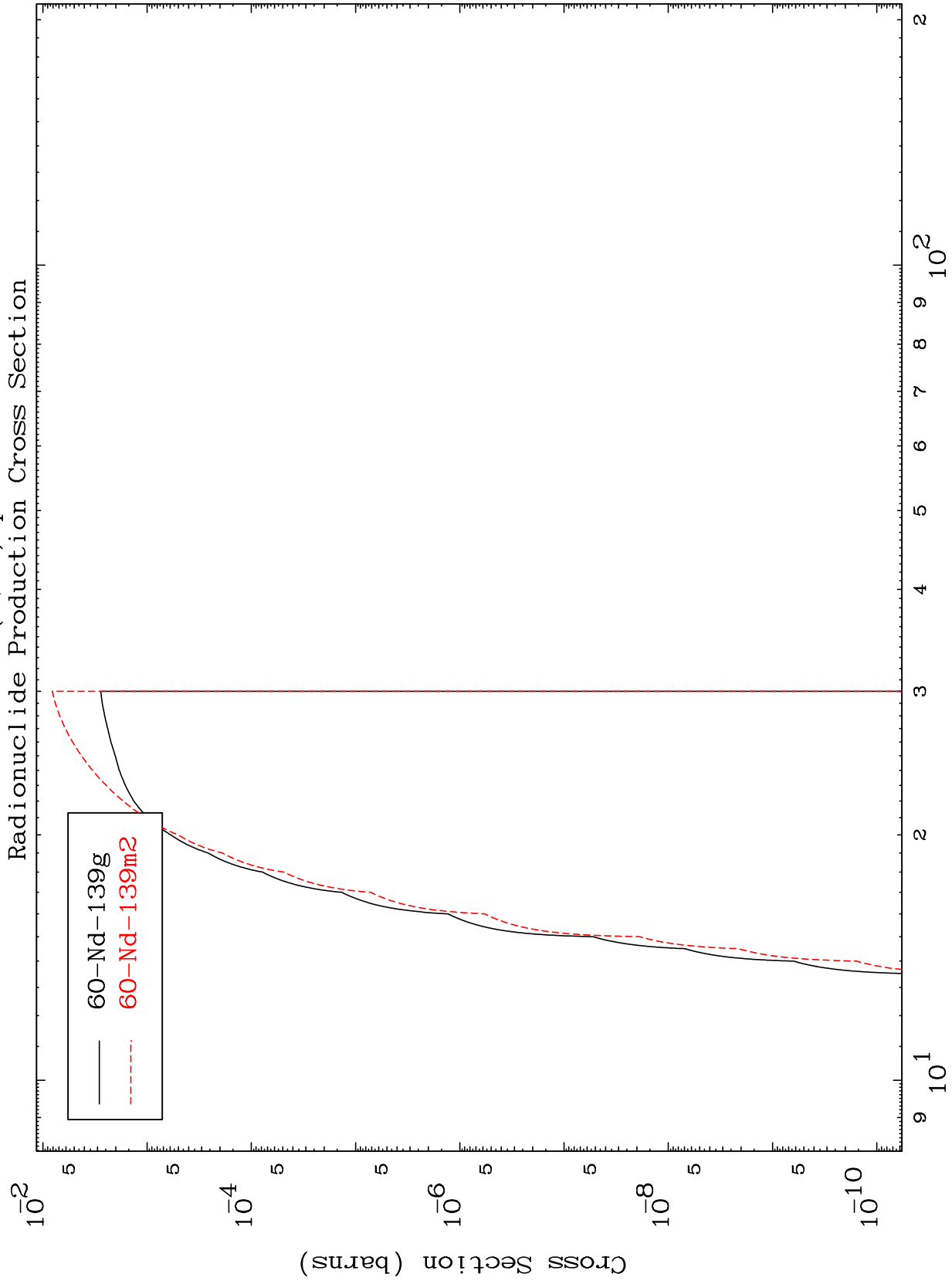
Incident Energy (MeV)

62-Sm-141

MAT 6216

(n,2n) p

62-Sm-141



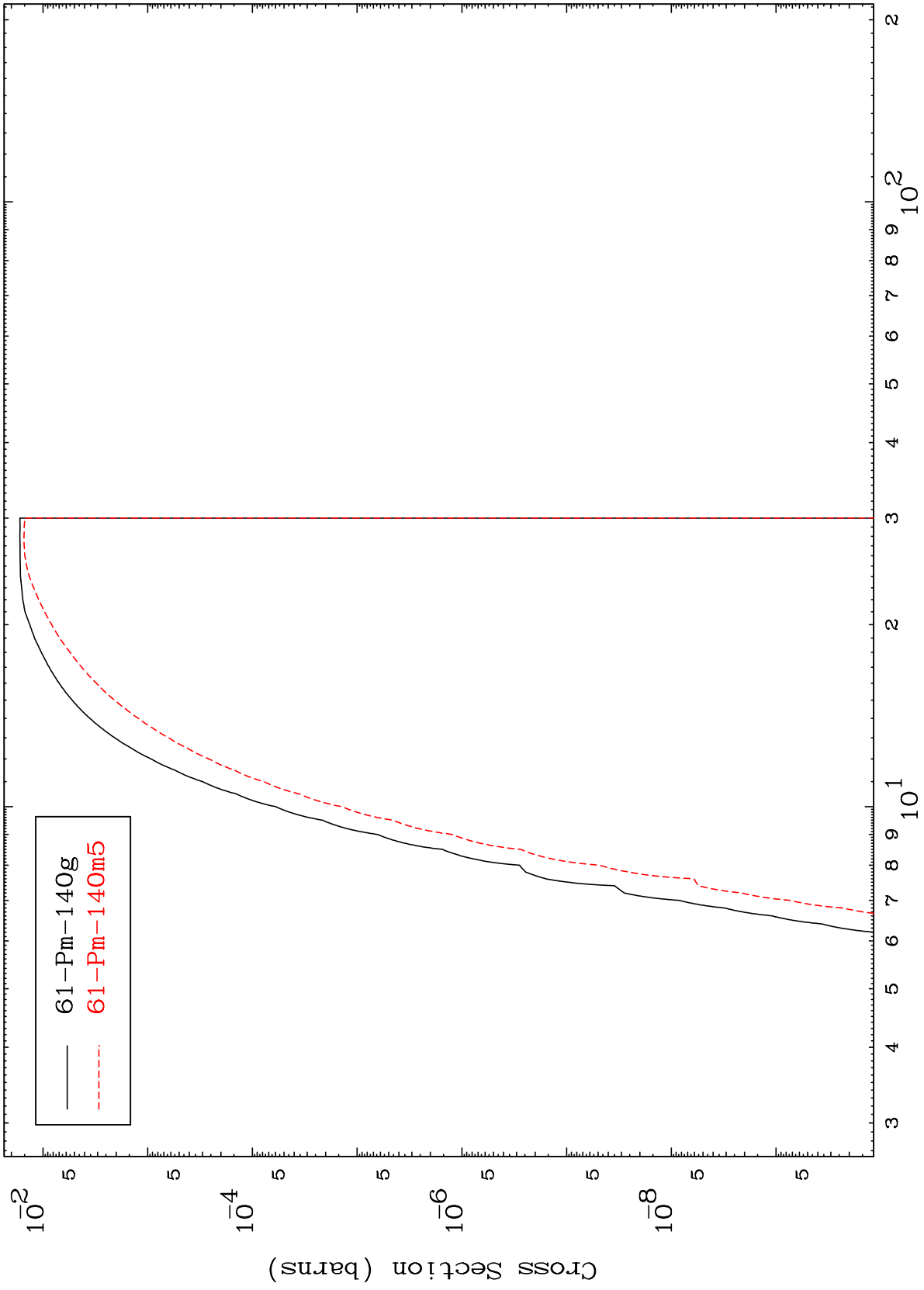
133

62-Sm-141

MAT 6216

62-Sm-141

(n,d)
Radionuclide Production Cross Section

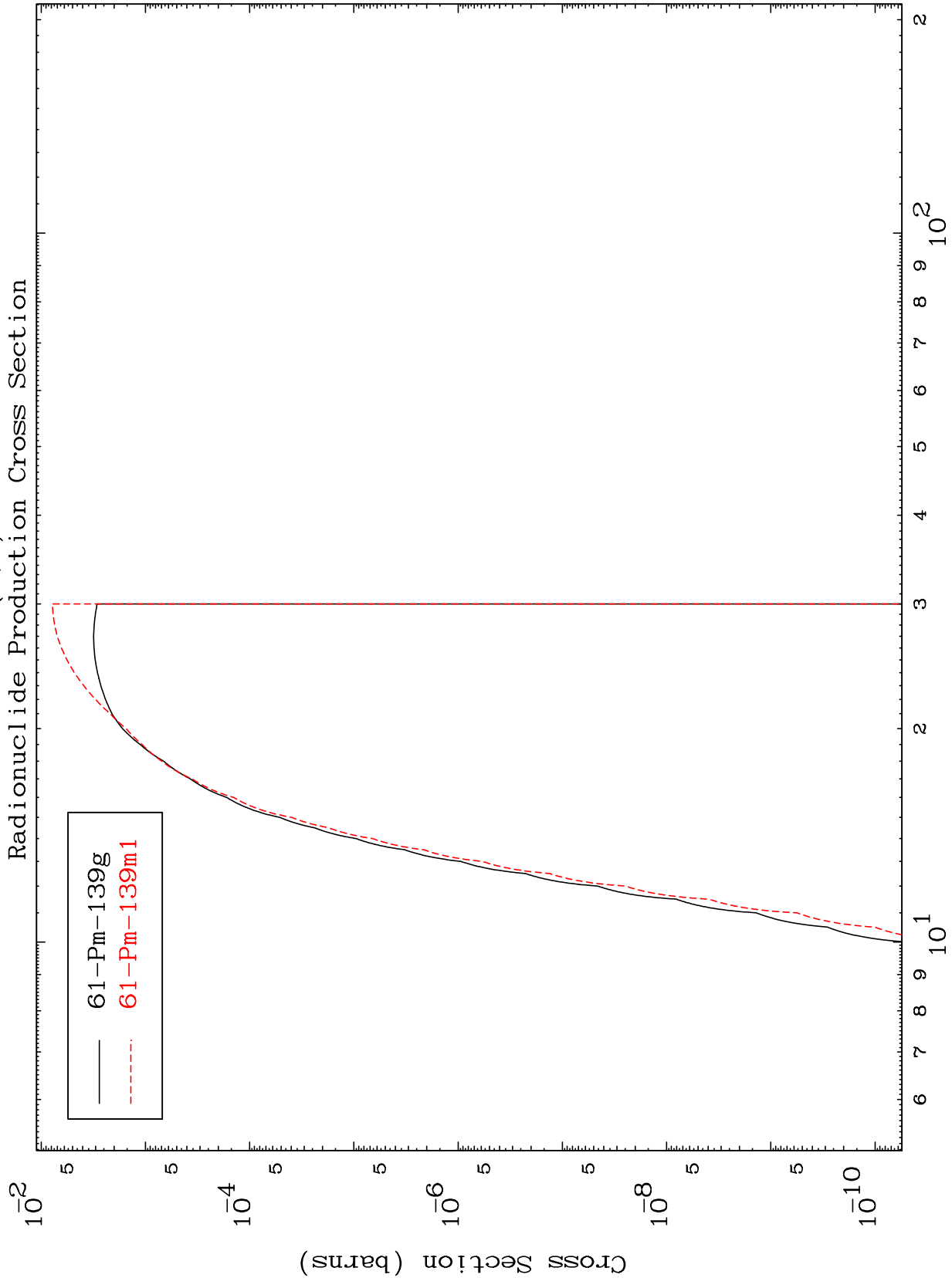


134

62-Sm-141

MAT 6216

62-Sm-141



135

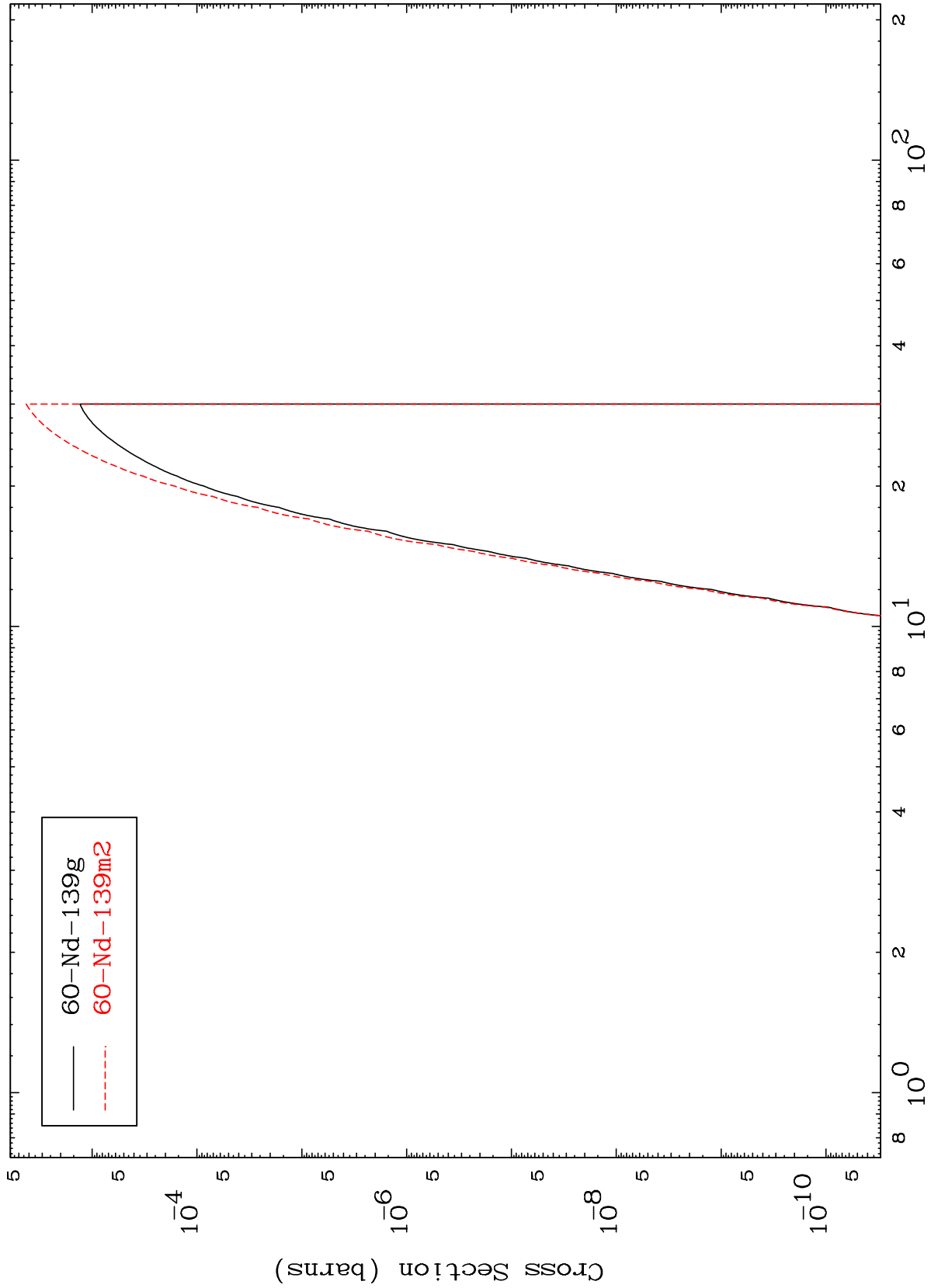
62-Sm-141

MAT 6216

(n, He-3)

62-Sm-141

Radionuclide Production Cross Section



136

Incident Energy (MeV)

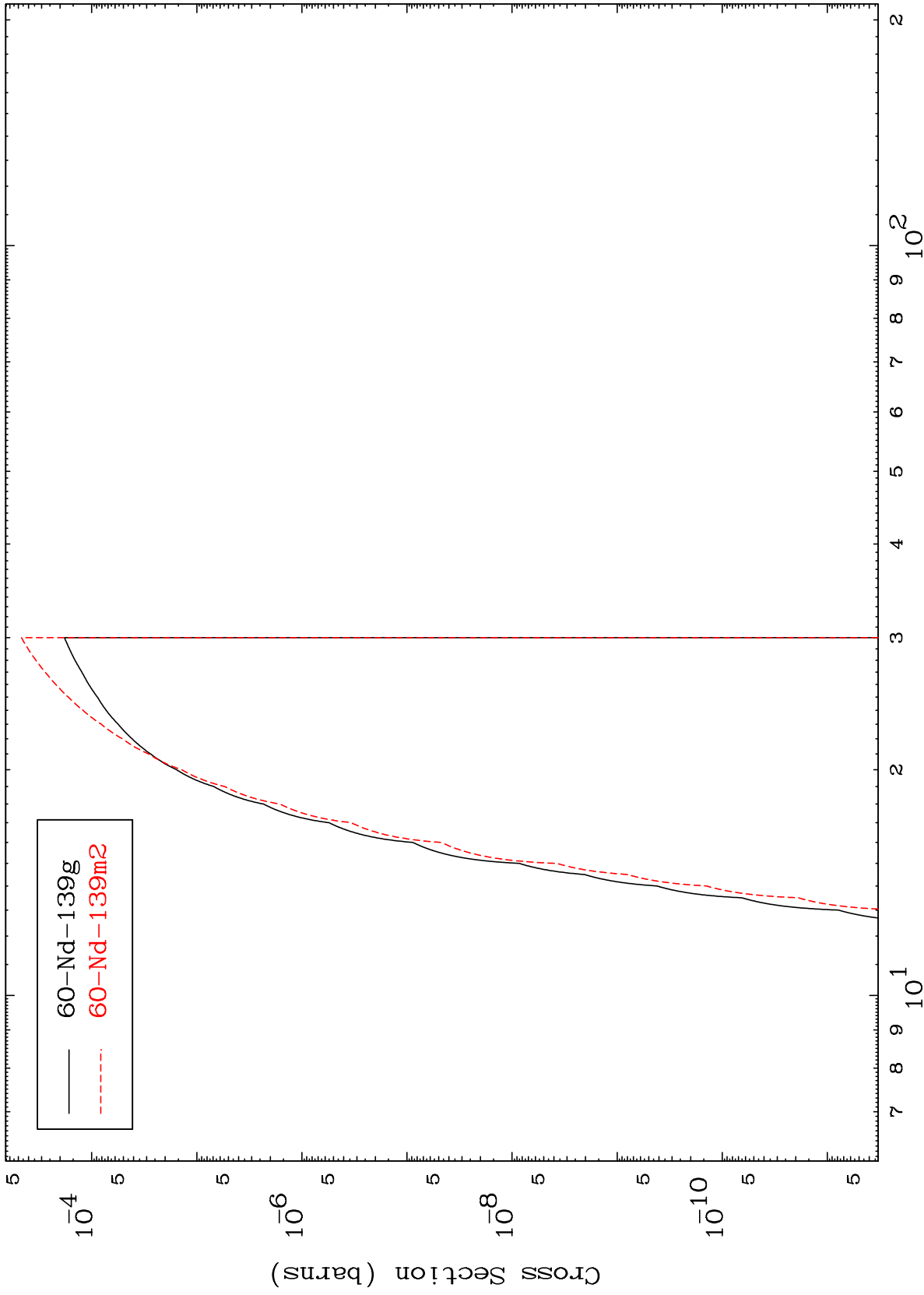
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Radionuclide Production Cross Section



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