

Program EVALPLOT
(Version 2018-1)

by

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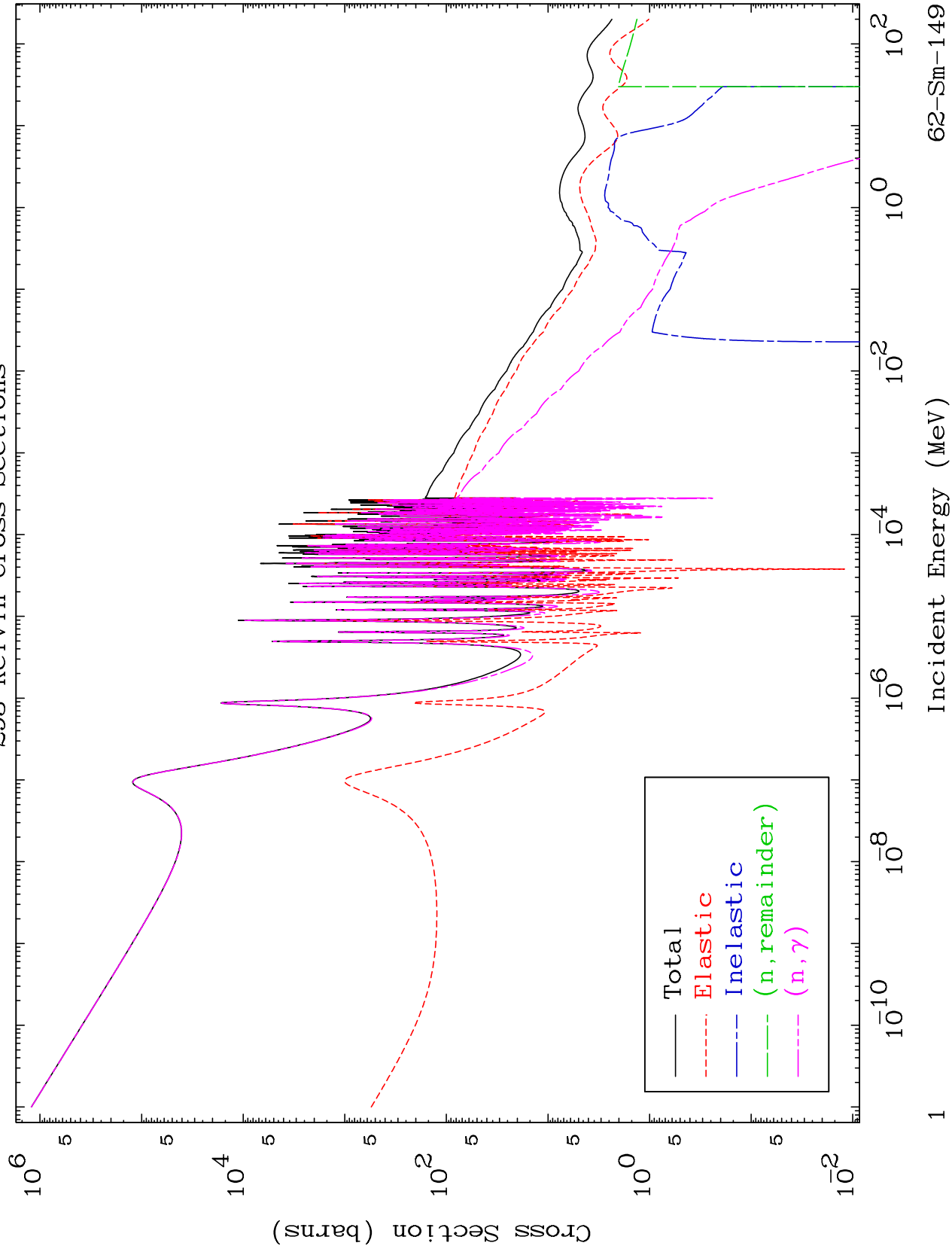
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6240

Major
293 Kelvin Cross Sections

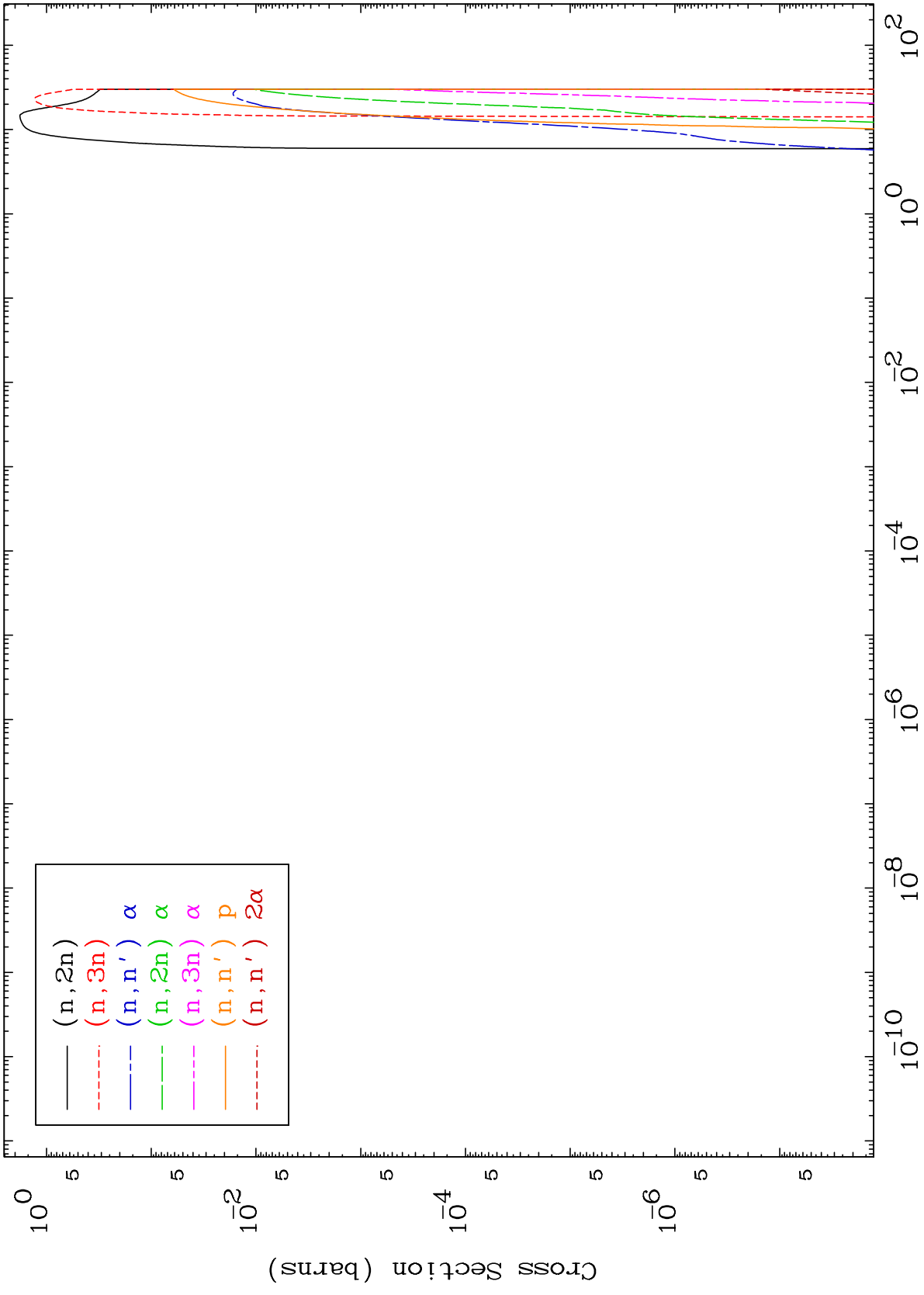
62-Sm-149



MAT 6240

Neutron Production
293 Kelvin Cross Sections

62-Sm-149

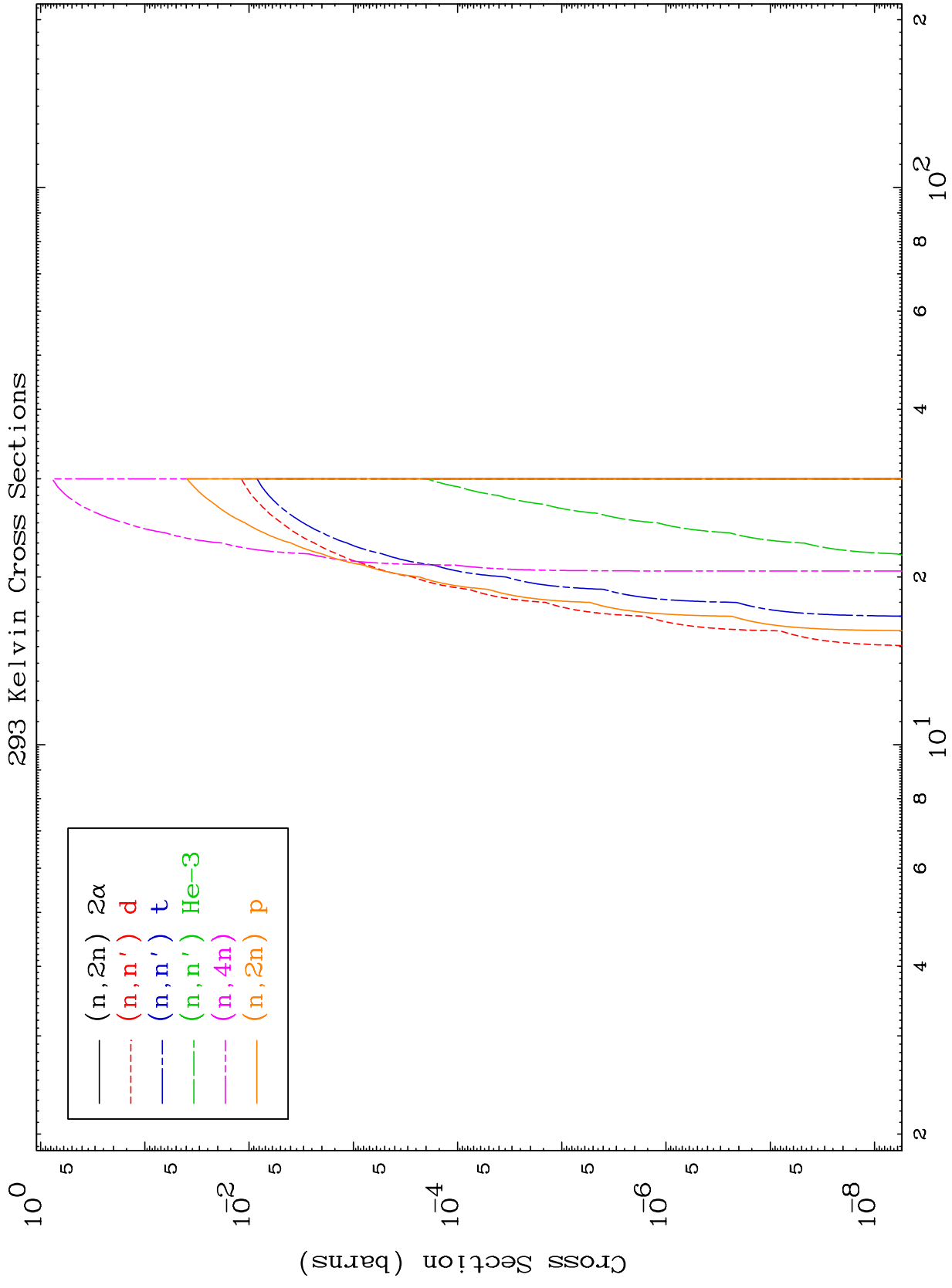


62-Sm-149

MAT 6240

Neutron Production
293 Kelvin Cross Sections

62-Sm-149



3

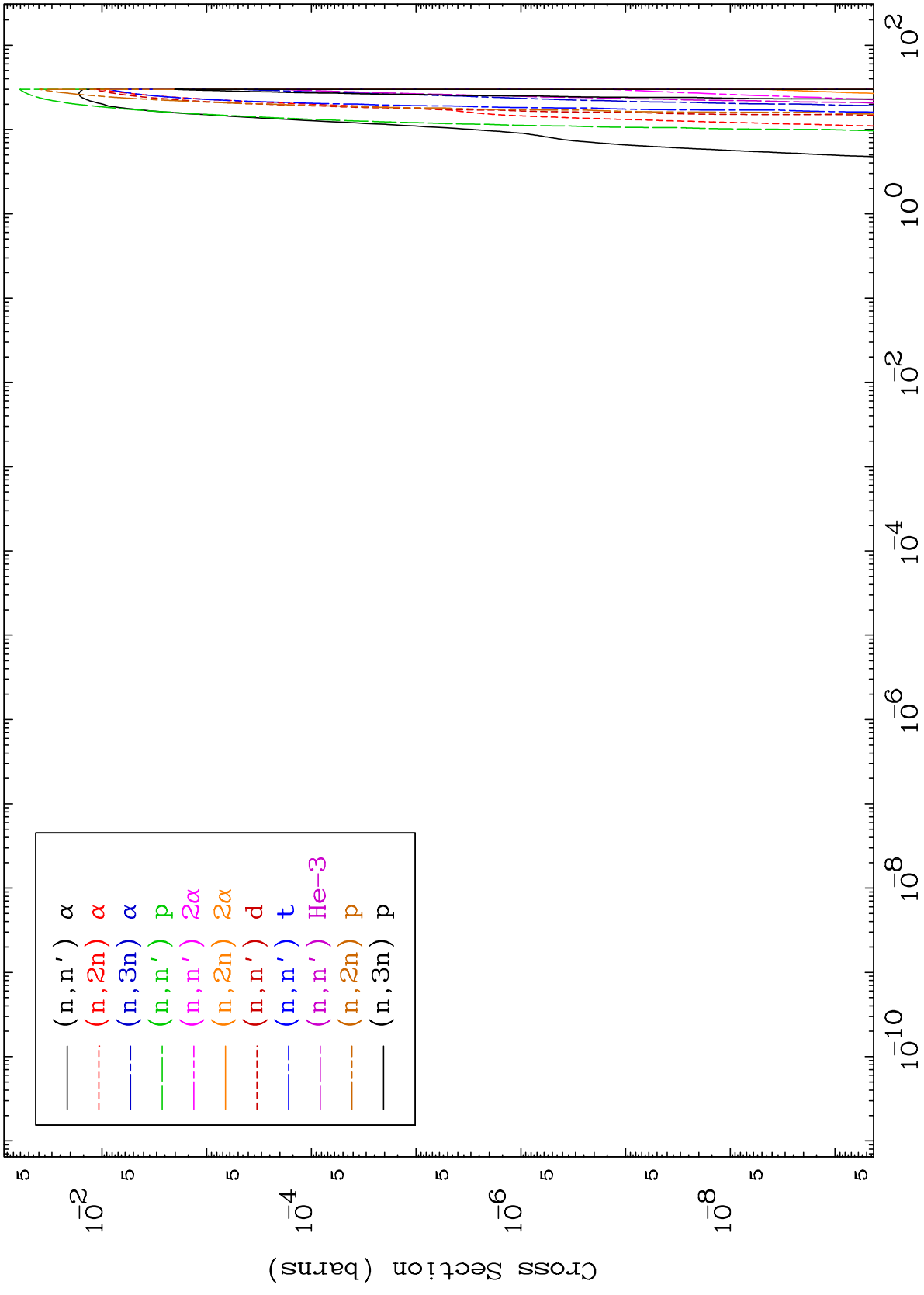
Incident Energy (MeV)

62-Sm-149

MAT 6240

293 Kelvin Cross Sections

62-Sm-149

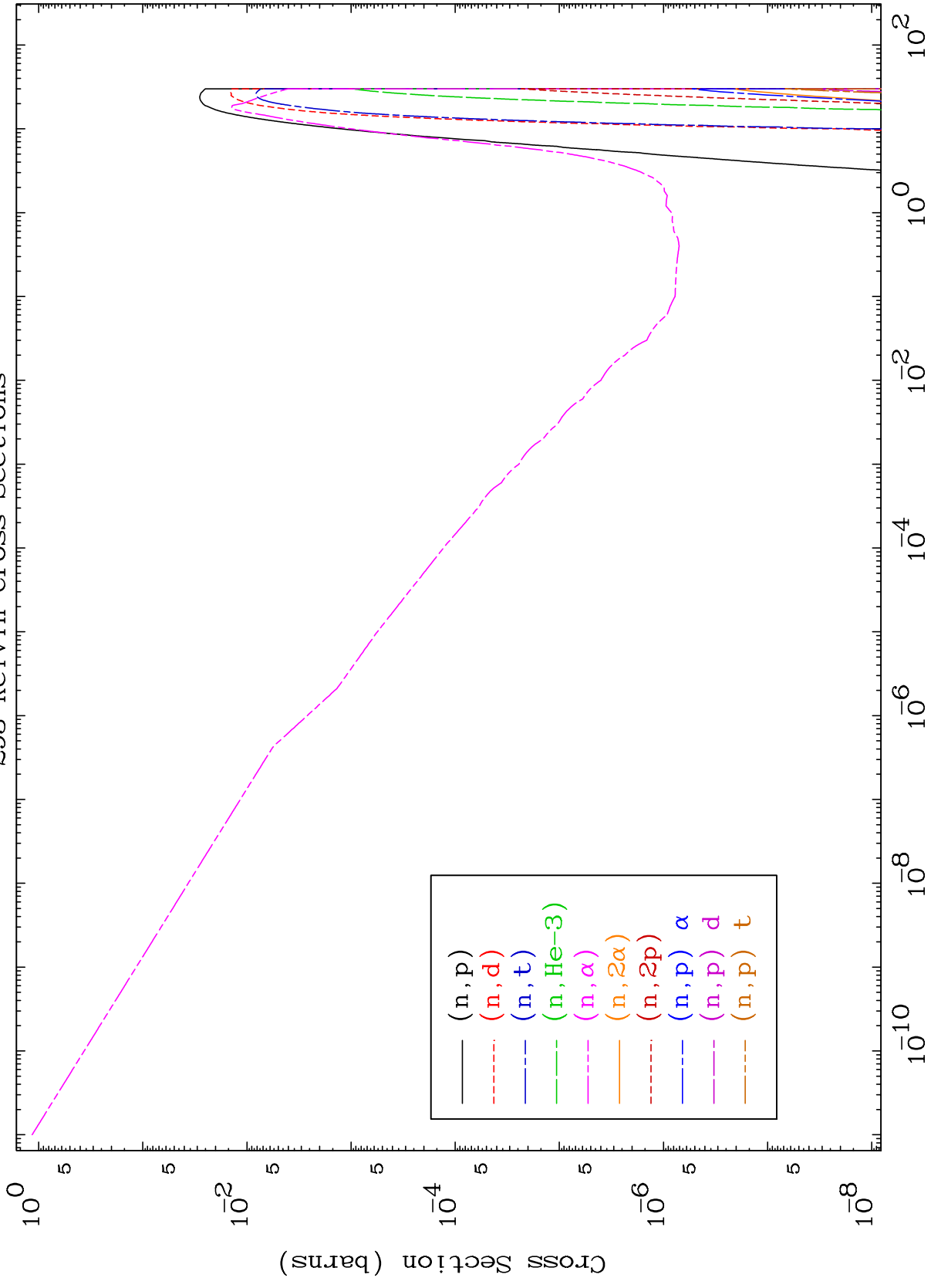


62-Sm-149

MAT 6240

293 Charged Particle
Kelvin Cross Sections

62-Sm-149

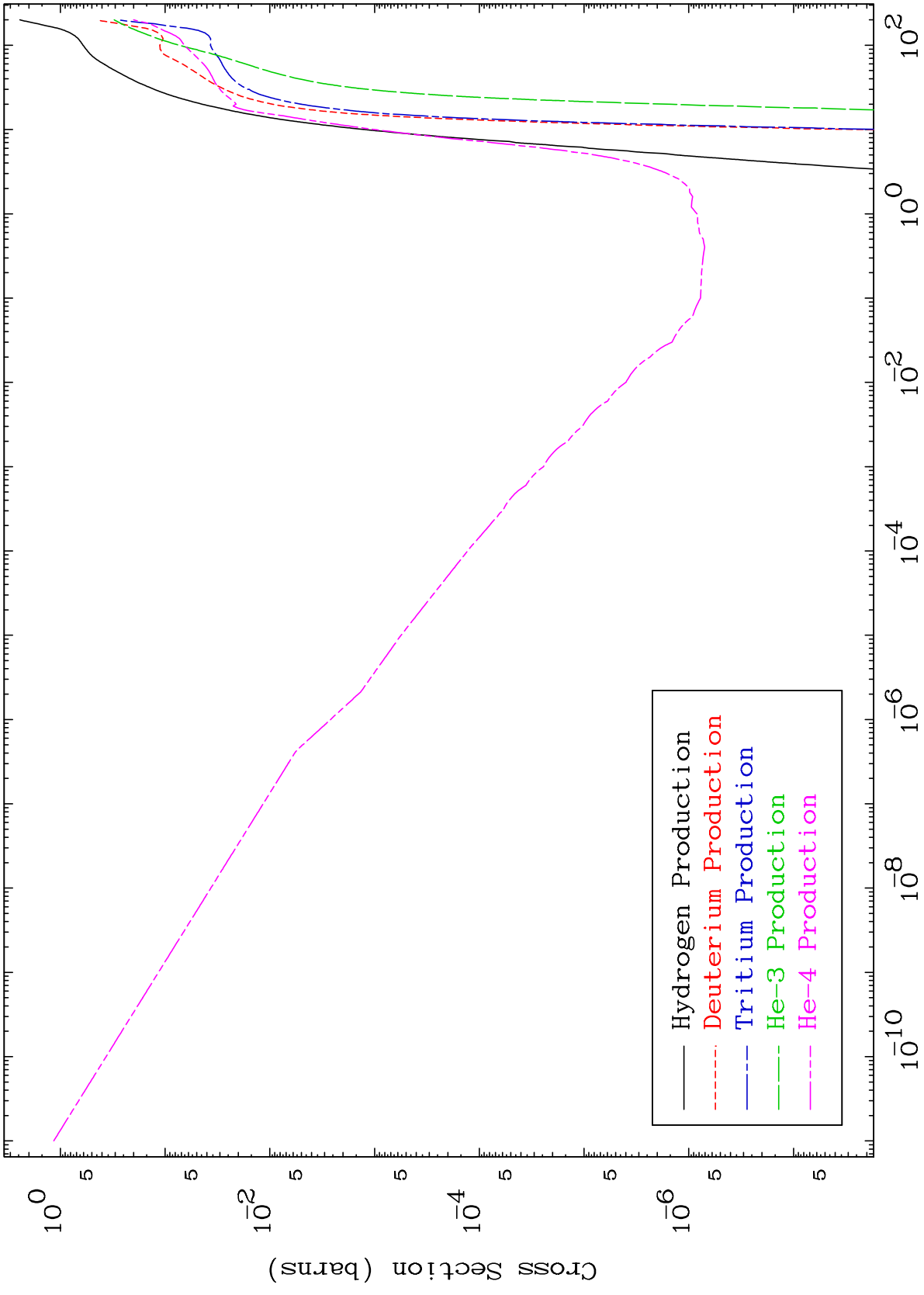


62-Sm-149

MAT 6240

Particle Production
293 Kelvin Cross Sections

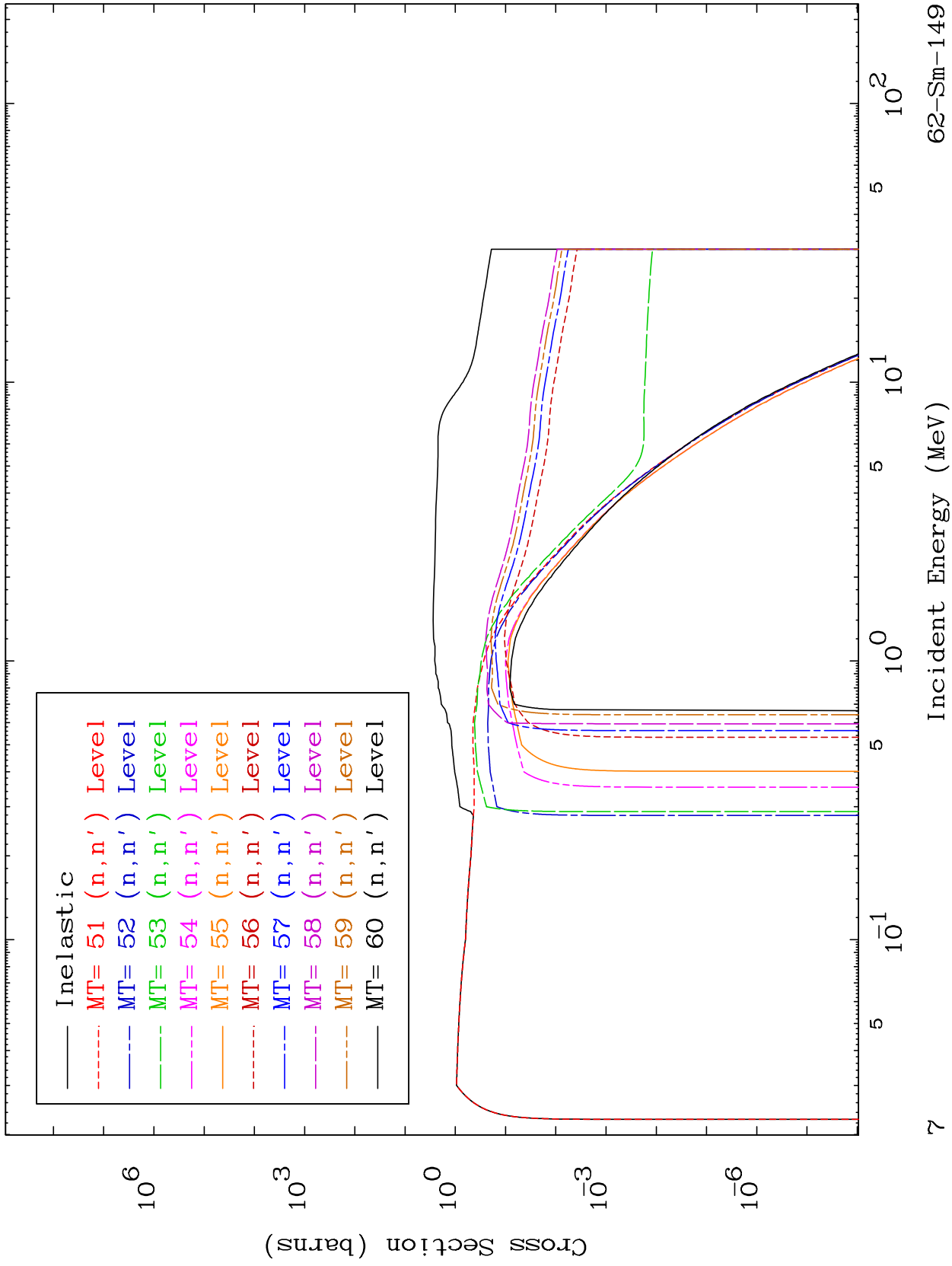
62-Sm-149



MAT 6240

(n,n') Level
293 Kelvin Cross Sections

62-Sm-149

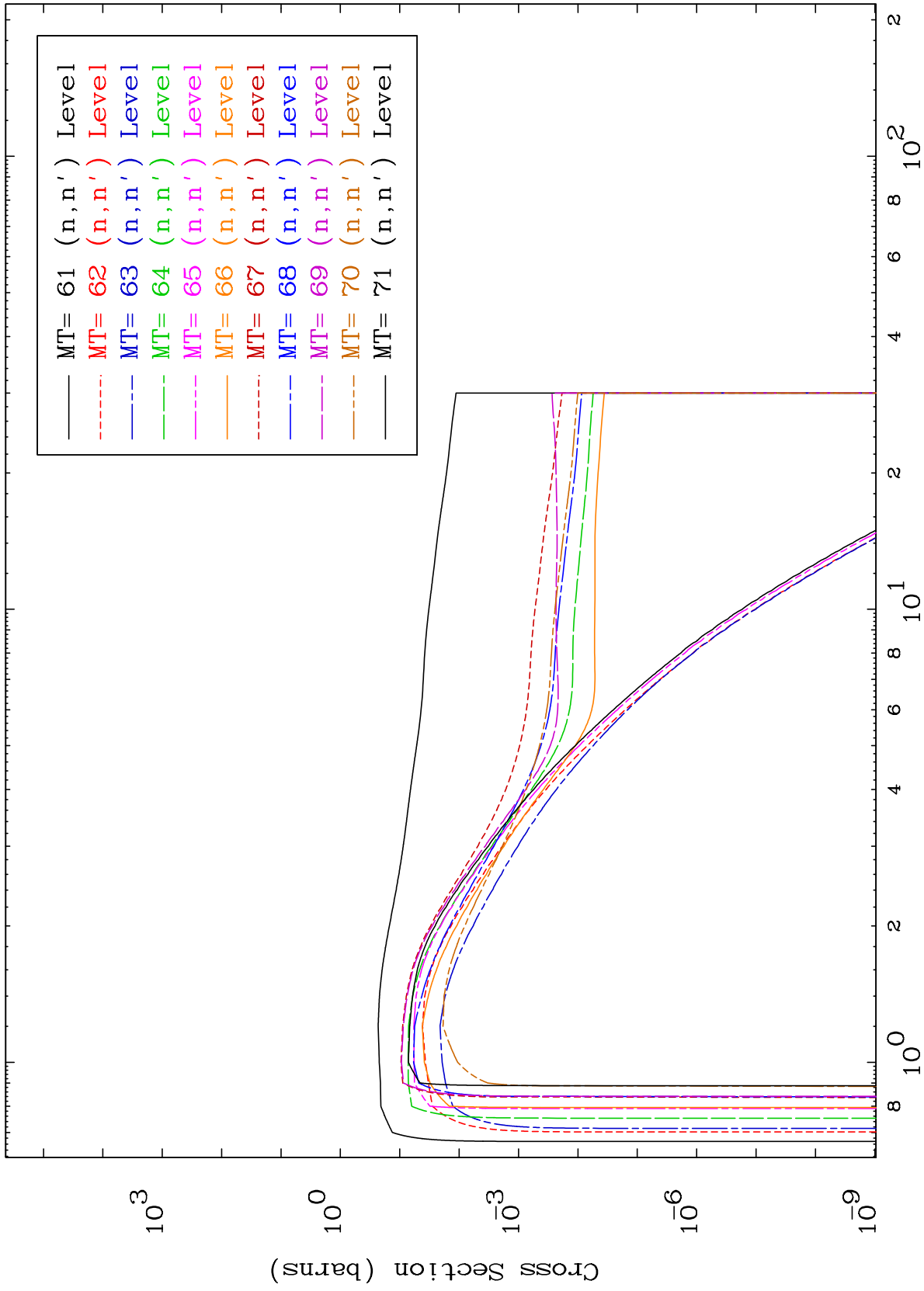


MAT 6240

(n,n') Level

62-Sm-149

293 Kelvin Cross Sections



8

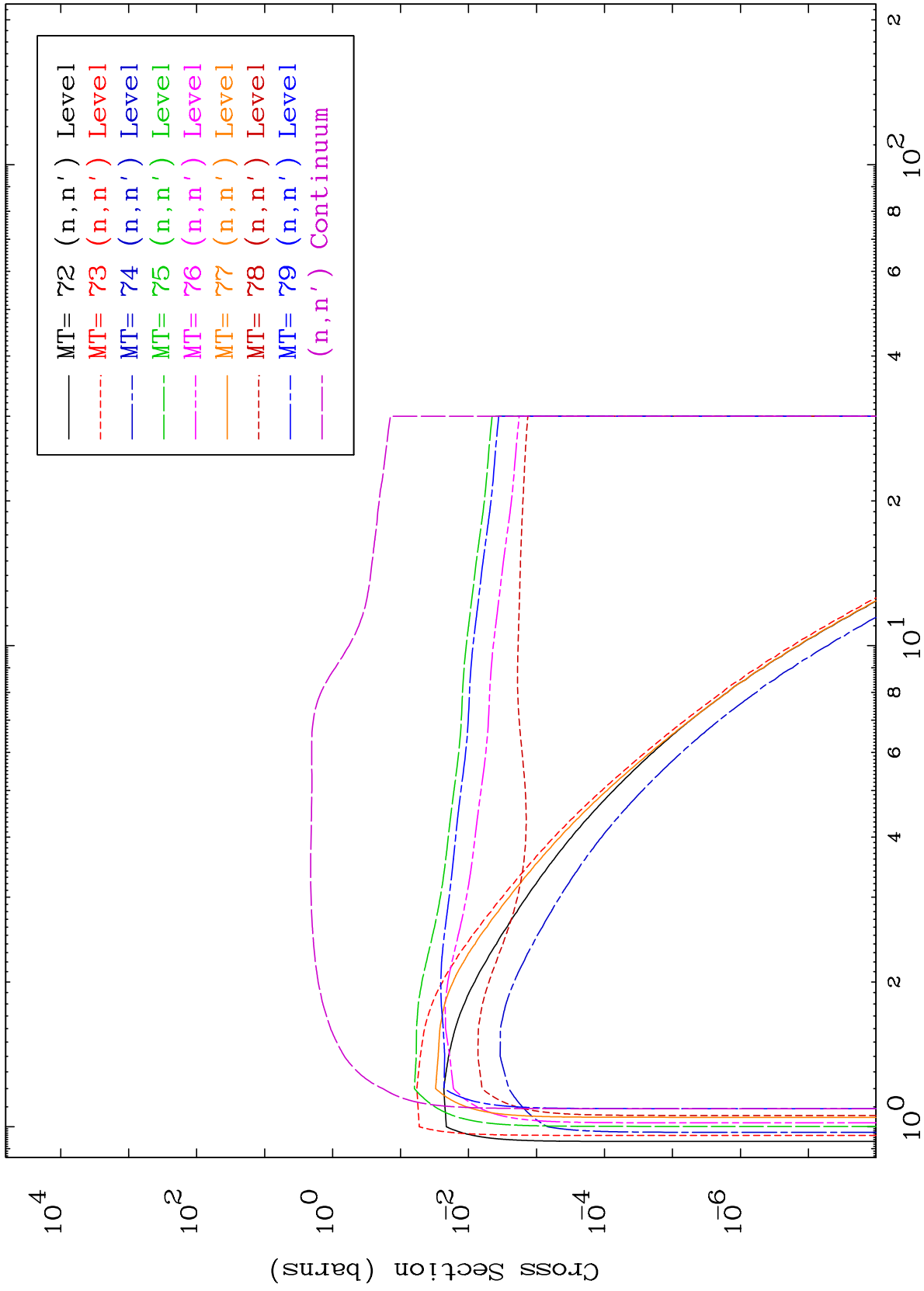
Incident Energy (MeV)

62-Sm-149

MAT 6240

(n,n') Level
293 Kelvin Cross Sections

62-Sm-149



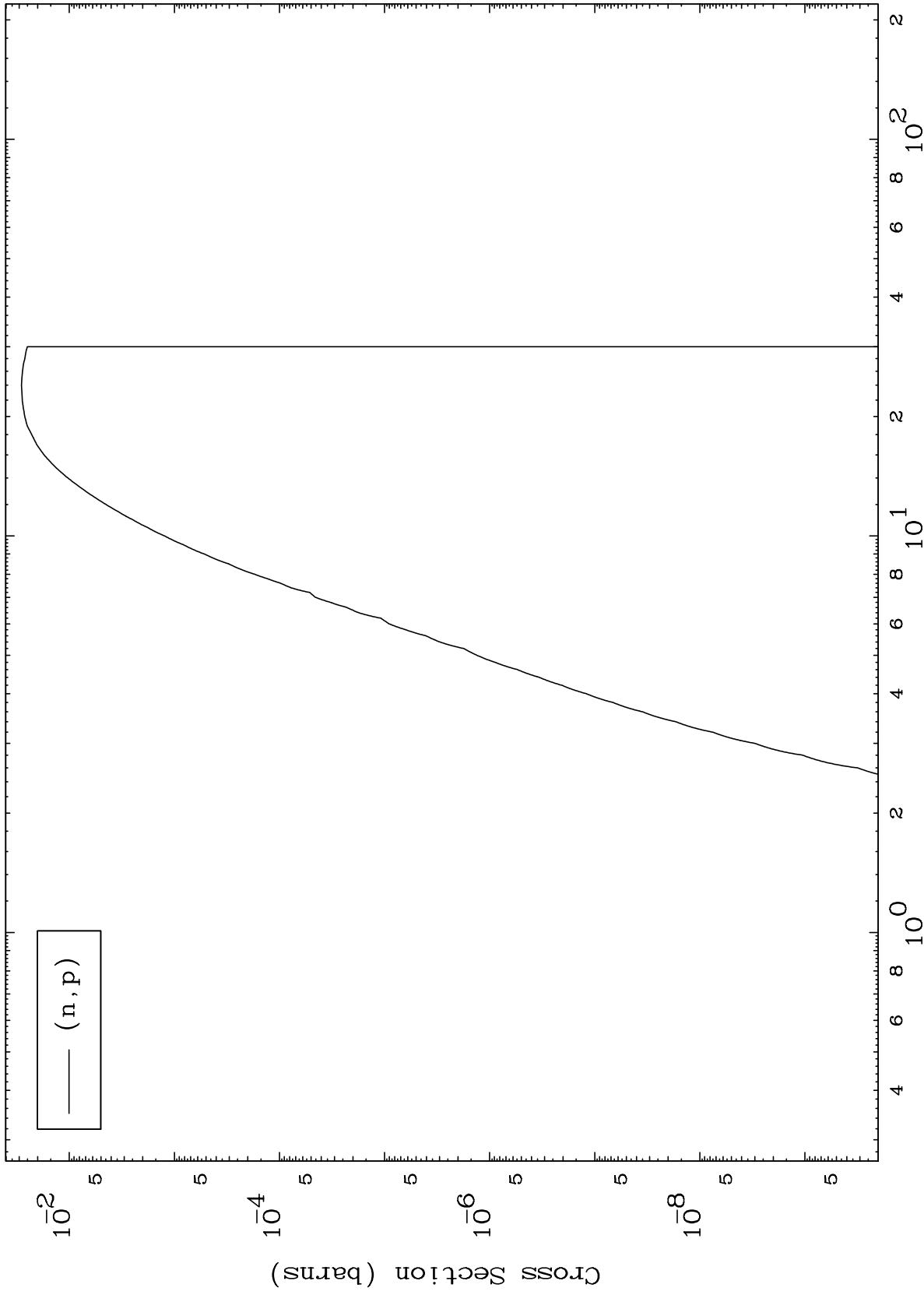
Incident Energy (MeV)

62-Sm-149

MAT 6240

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-149



10

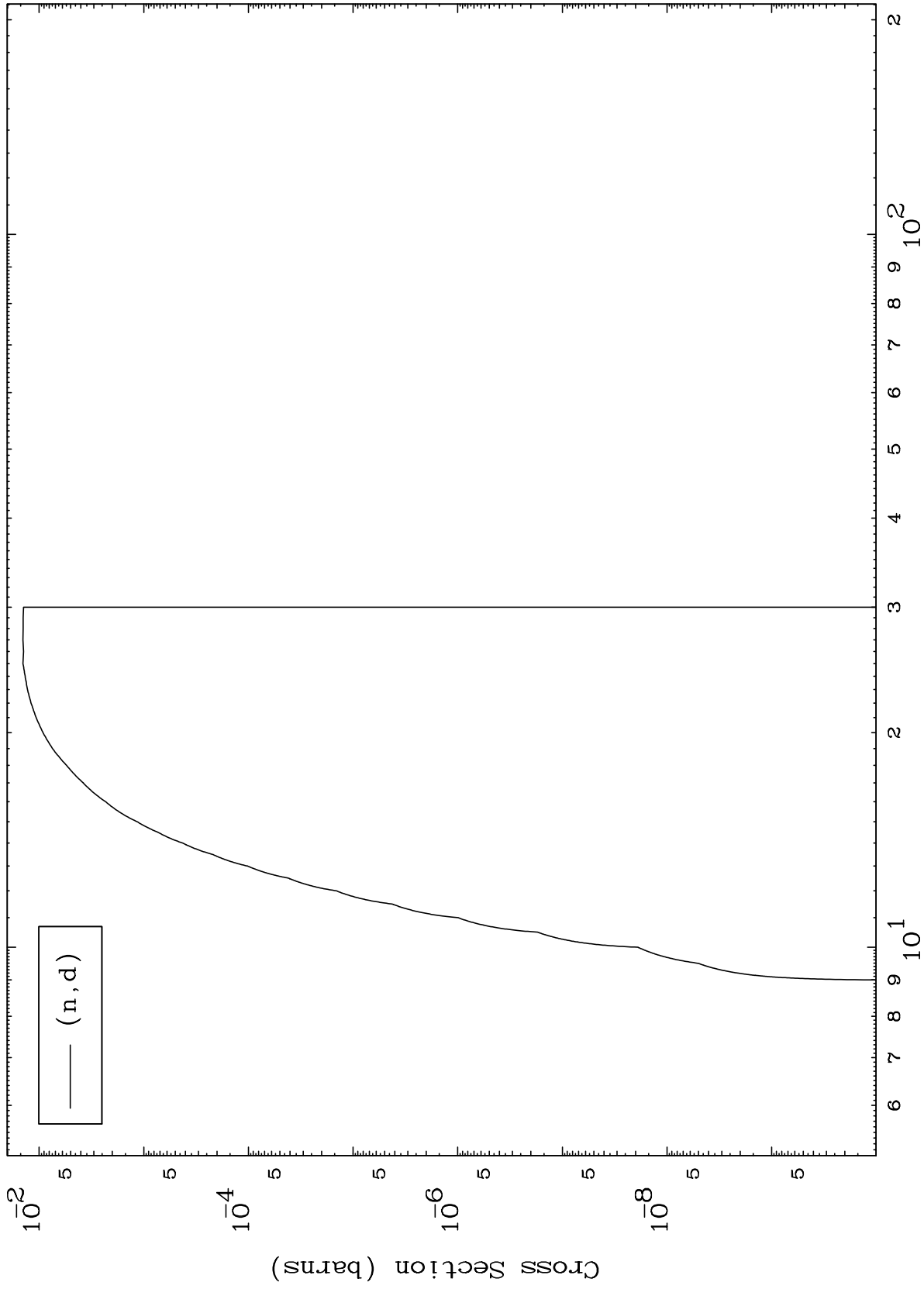
Incident Energy (MeV)

62-Sm-149

MAT 6240

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-149



11

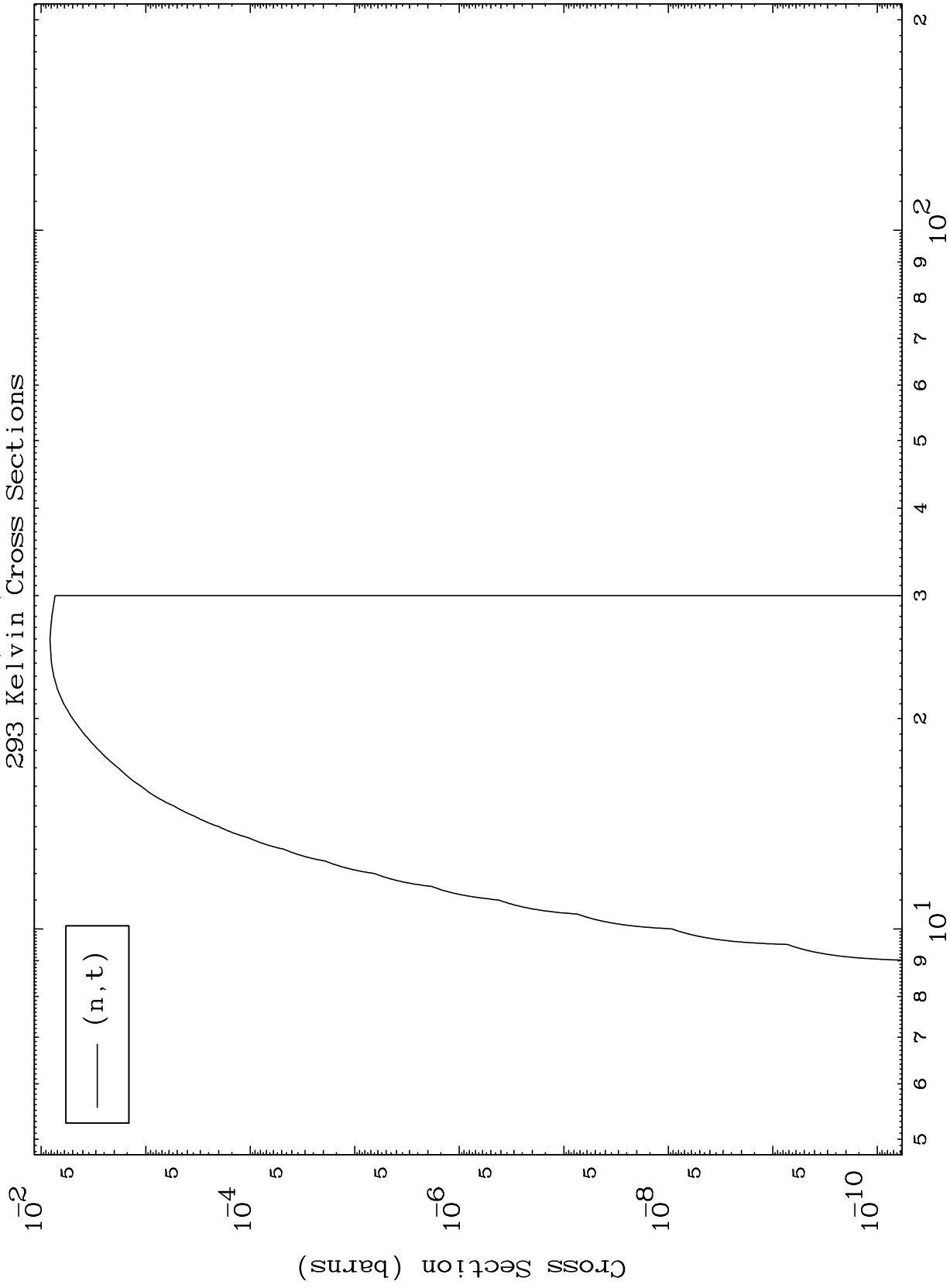
Incident Energy (MeV)

62-Sm-149

MAT 6240

62-Sm-149

(n,t) Levels
293 Kelvin Cross Sections



12

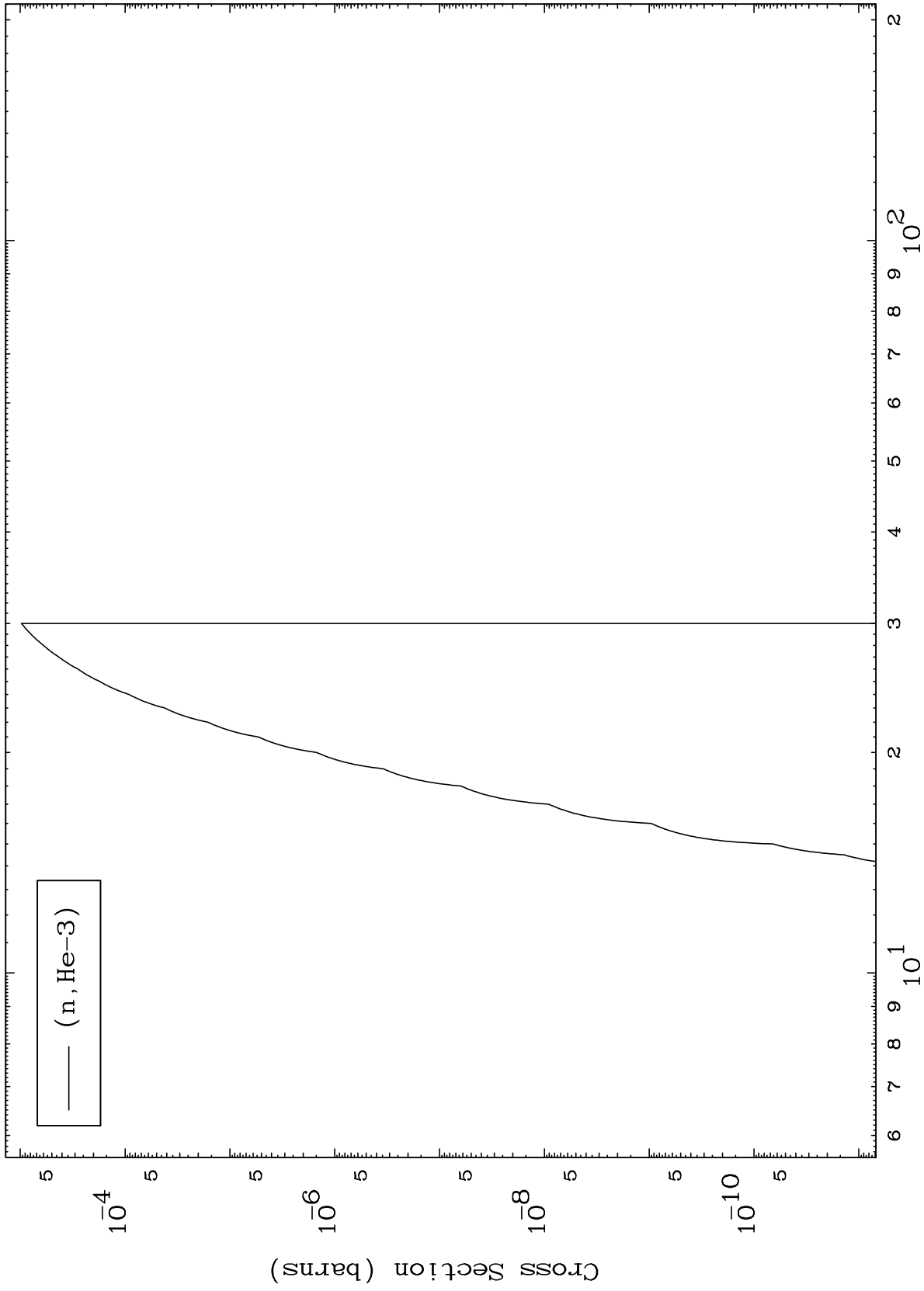
Incident Energy (MeV)

62-Sm-149

MAT 6240

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-149



13

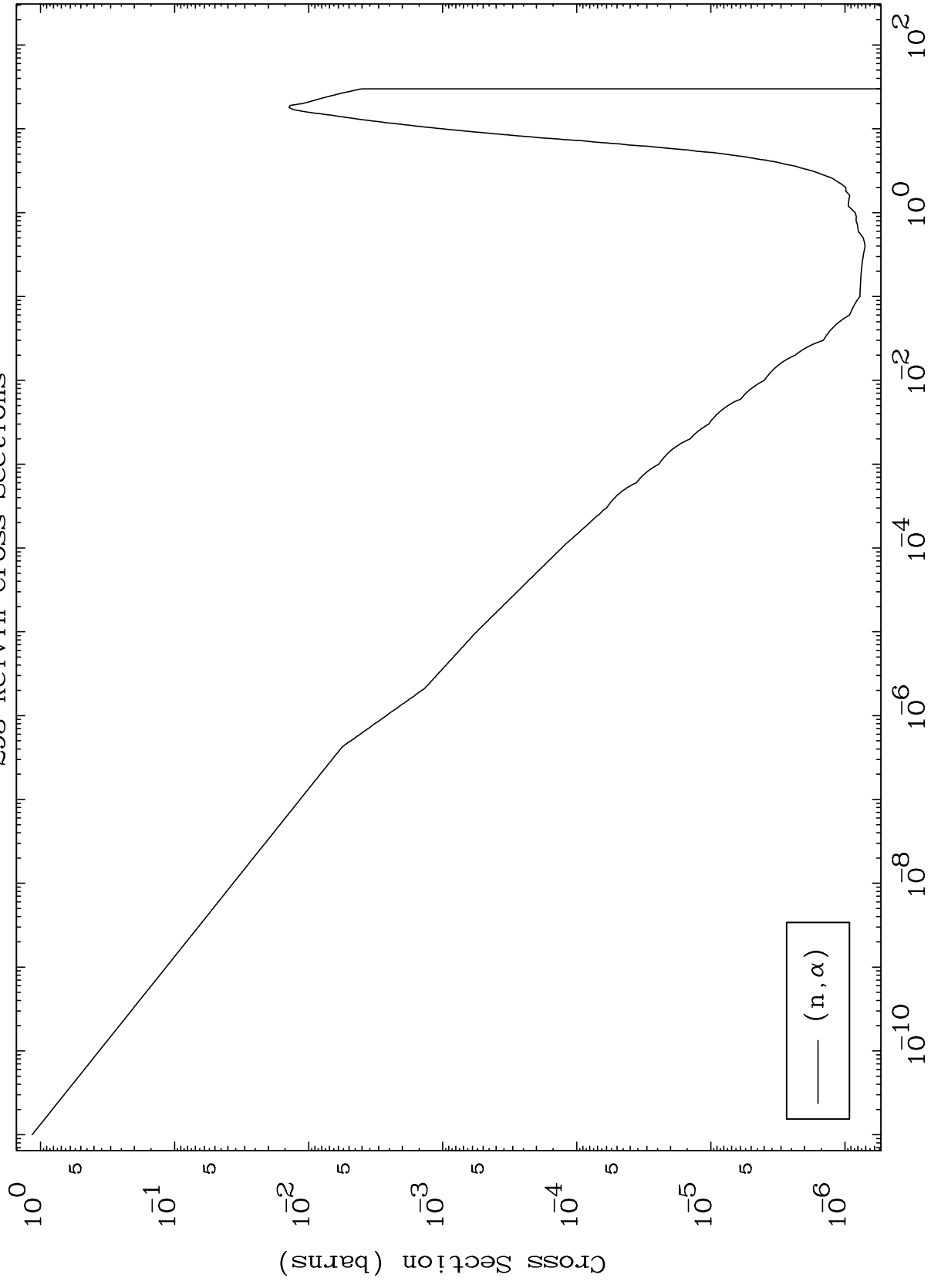
Incident Energy (MeV)

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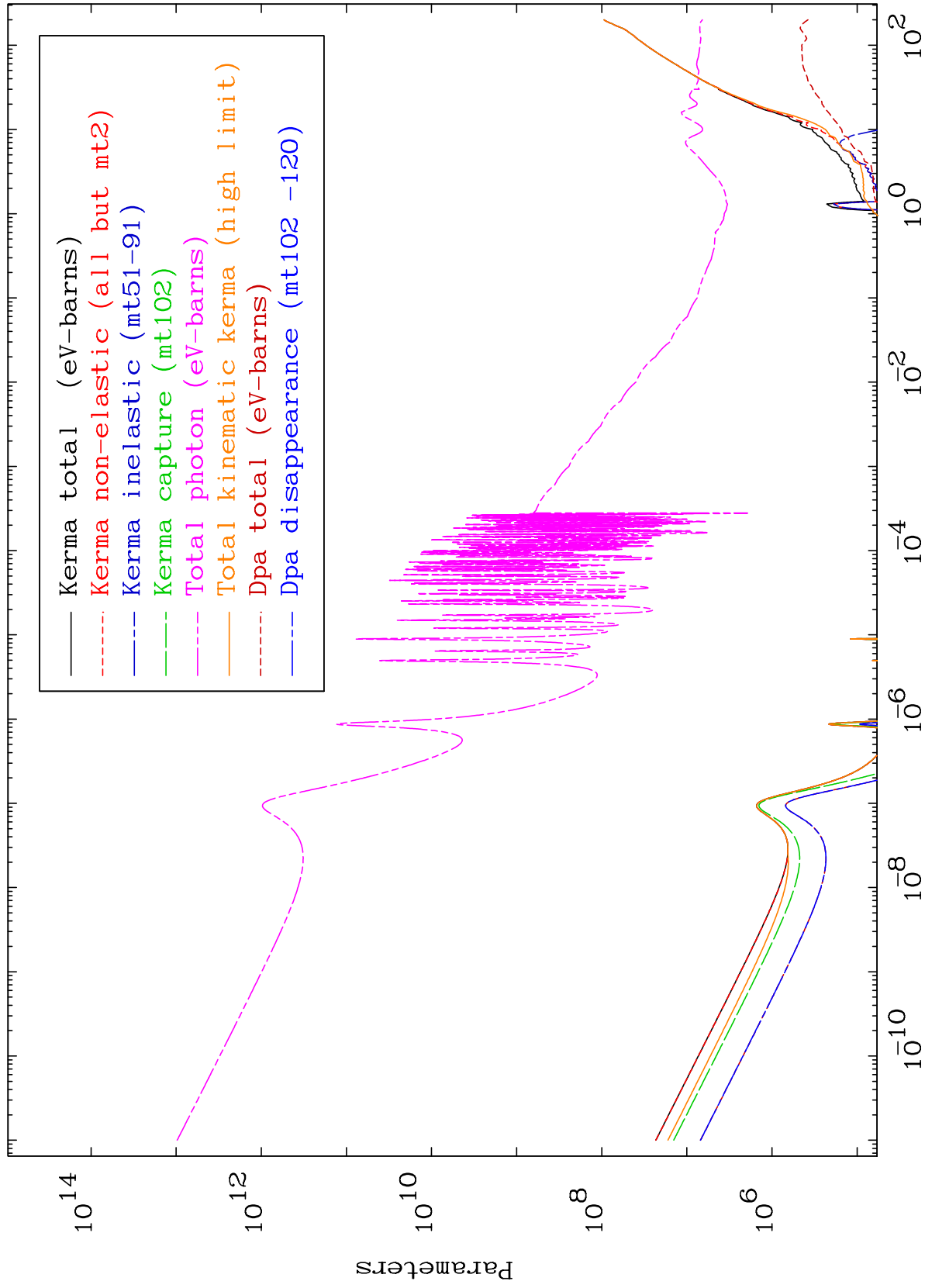
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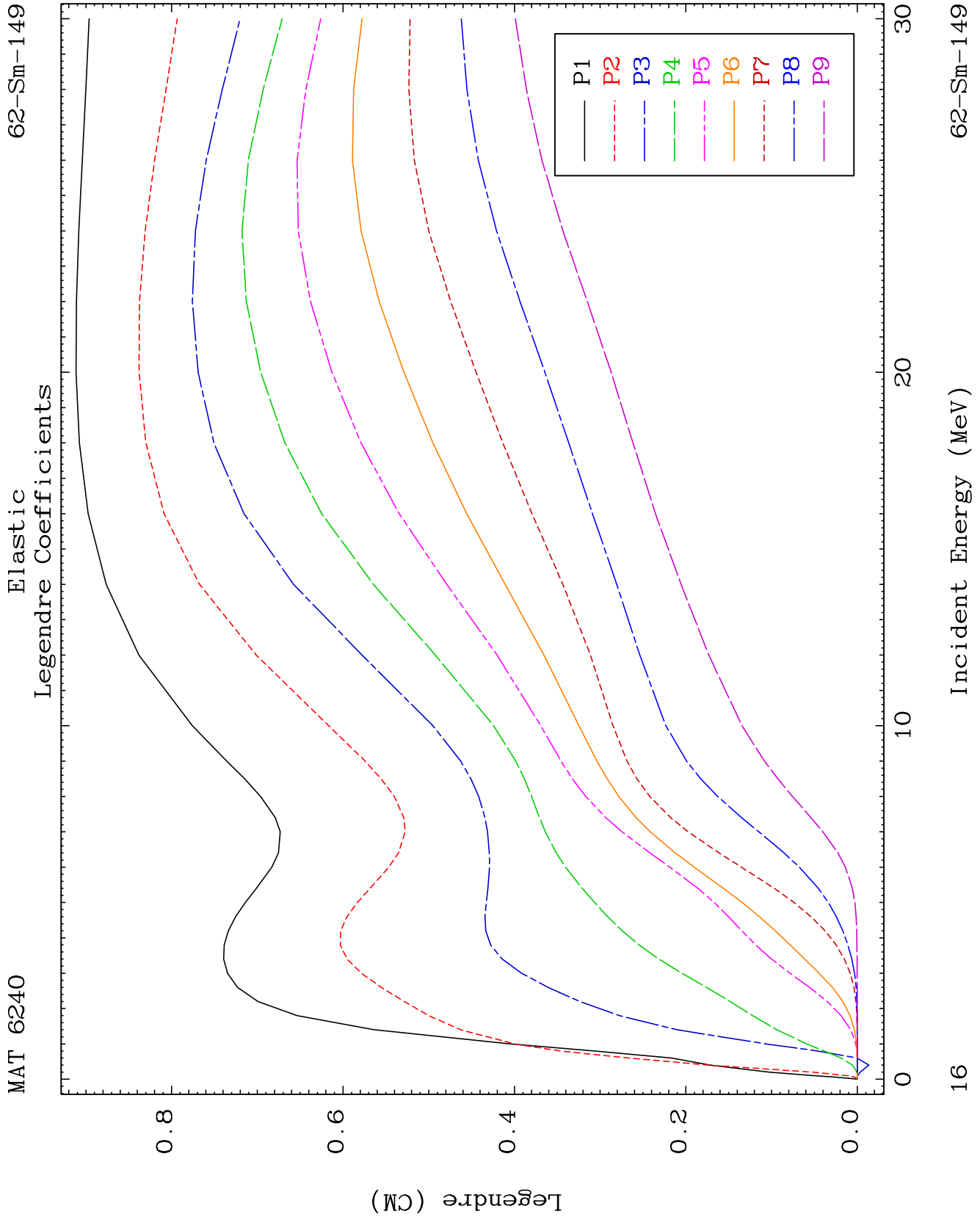
(n,α) Levels
293 Kelvin Cross Sections

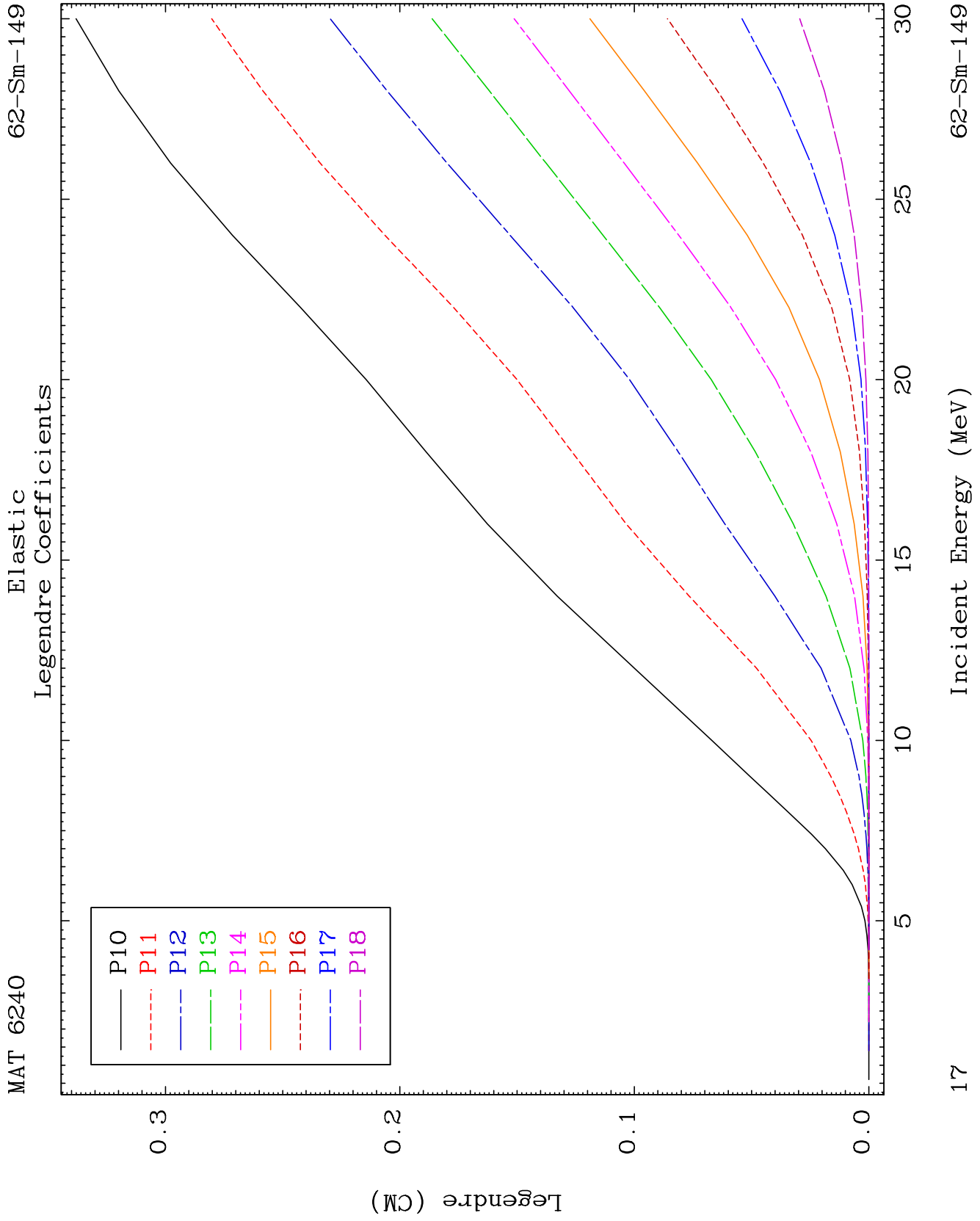
62-Sm-149



— (n,α)



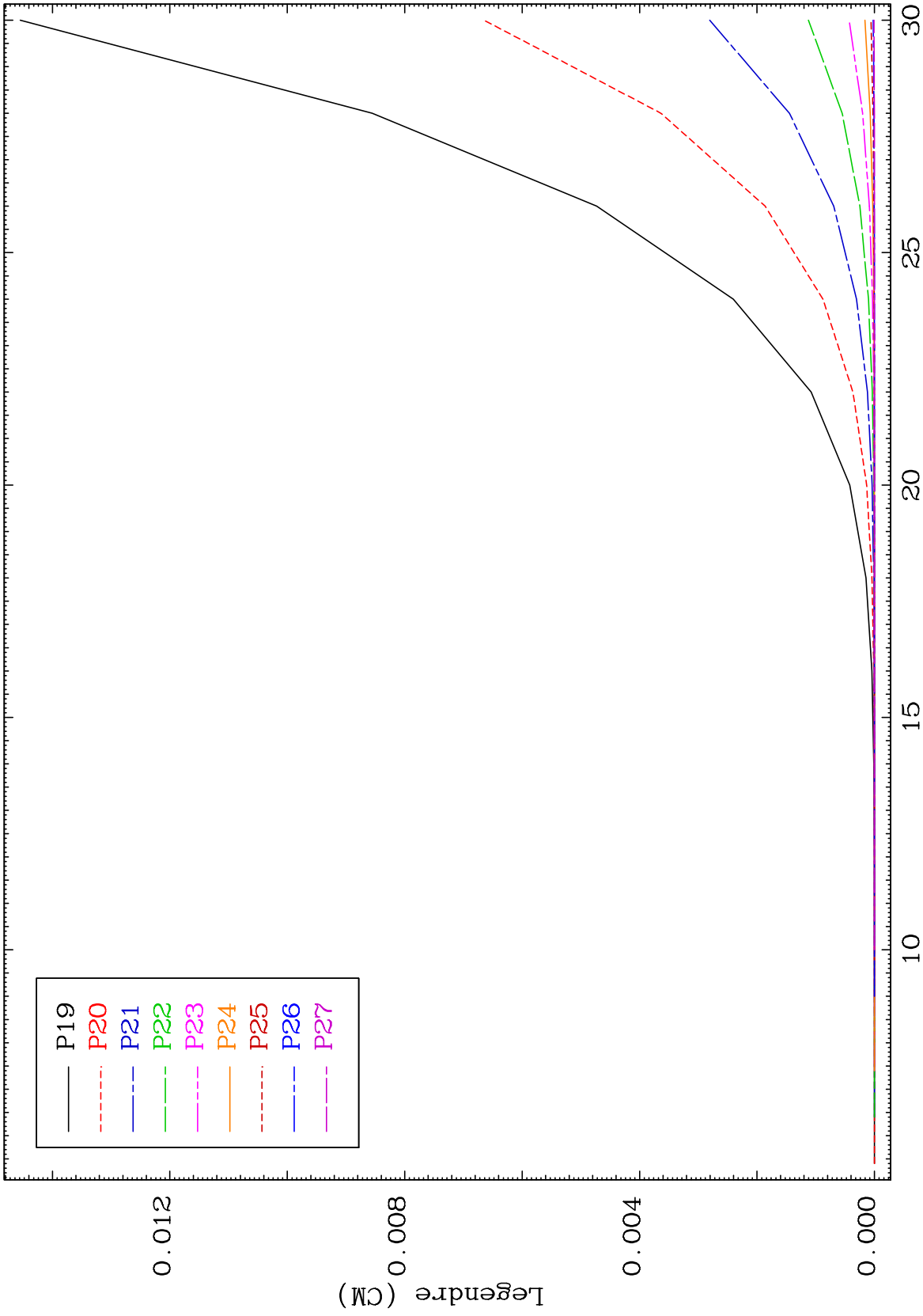




MAT 6240

Elastic Legendre Coefficients

62-Sm-149



18

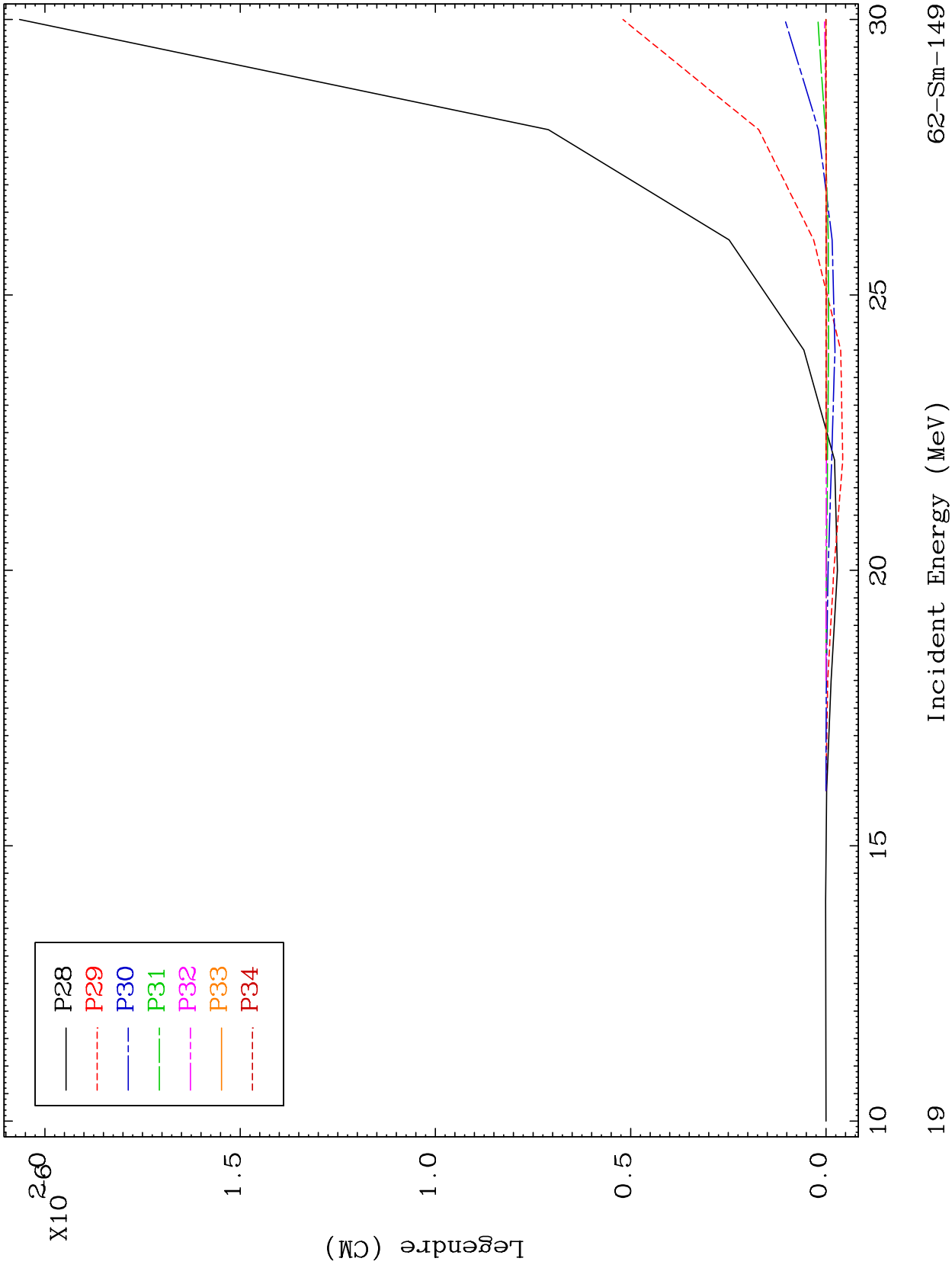
Incident Energy (MeV)

62-Sm-149

MAT 6240

Elastic Legendre Coefficients

62-Sm-149

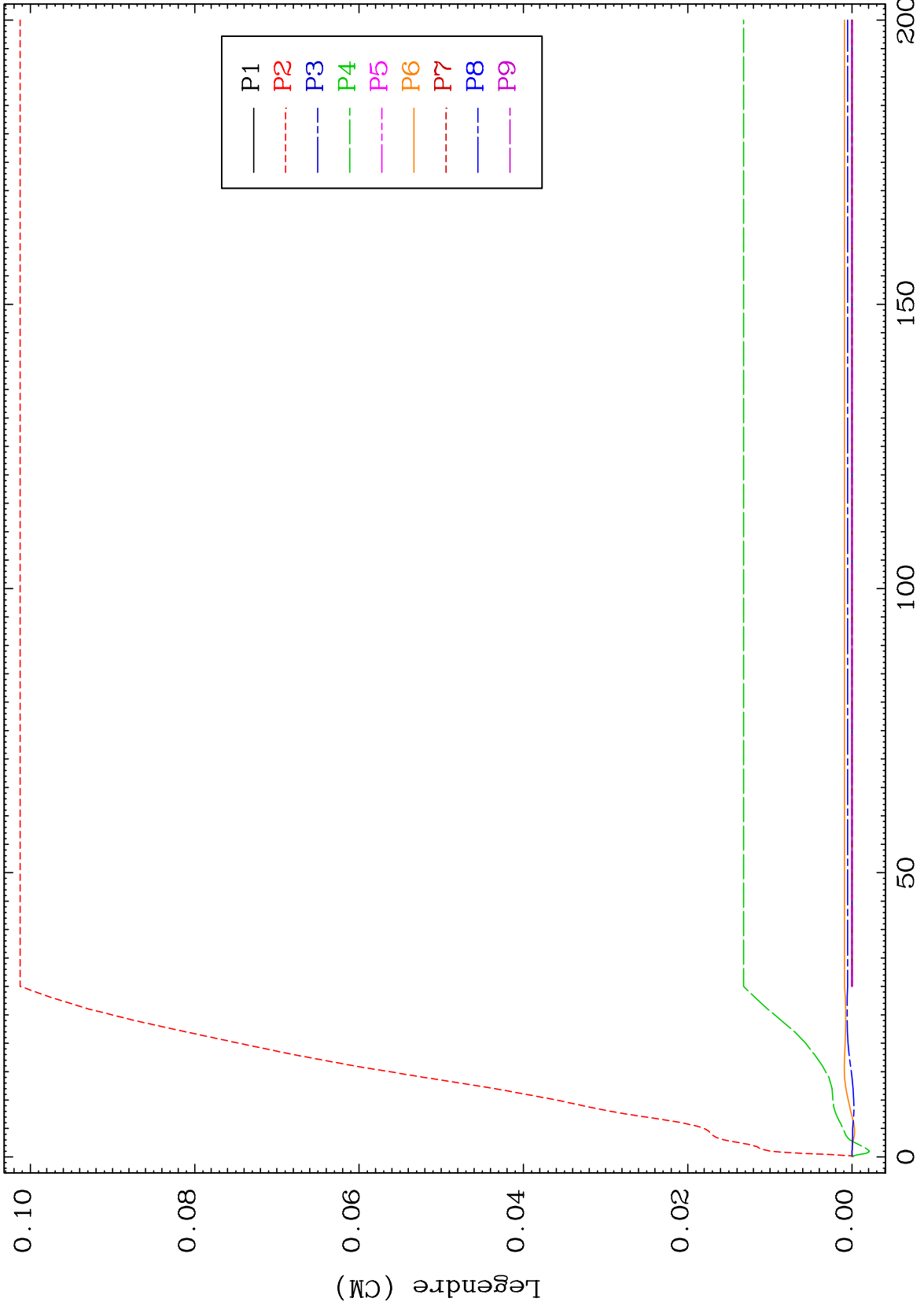


19

Incident Energy (MeV)

62-Sm-149

MAT 6240 MT= 51 (n,n') Level Legendre Coefficients 62-Sm-149

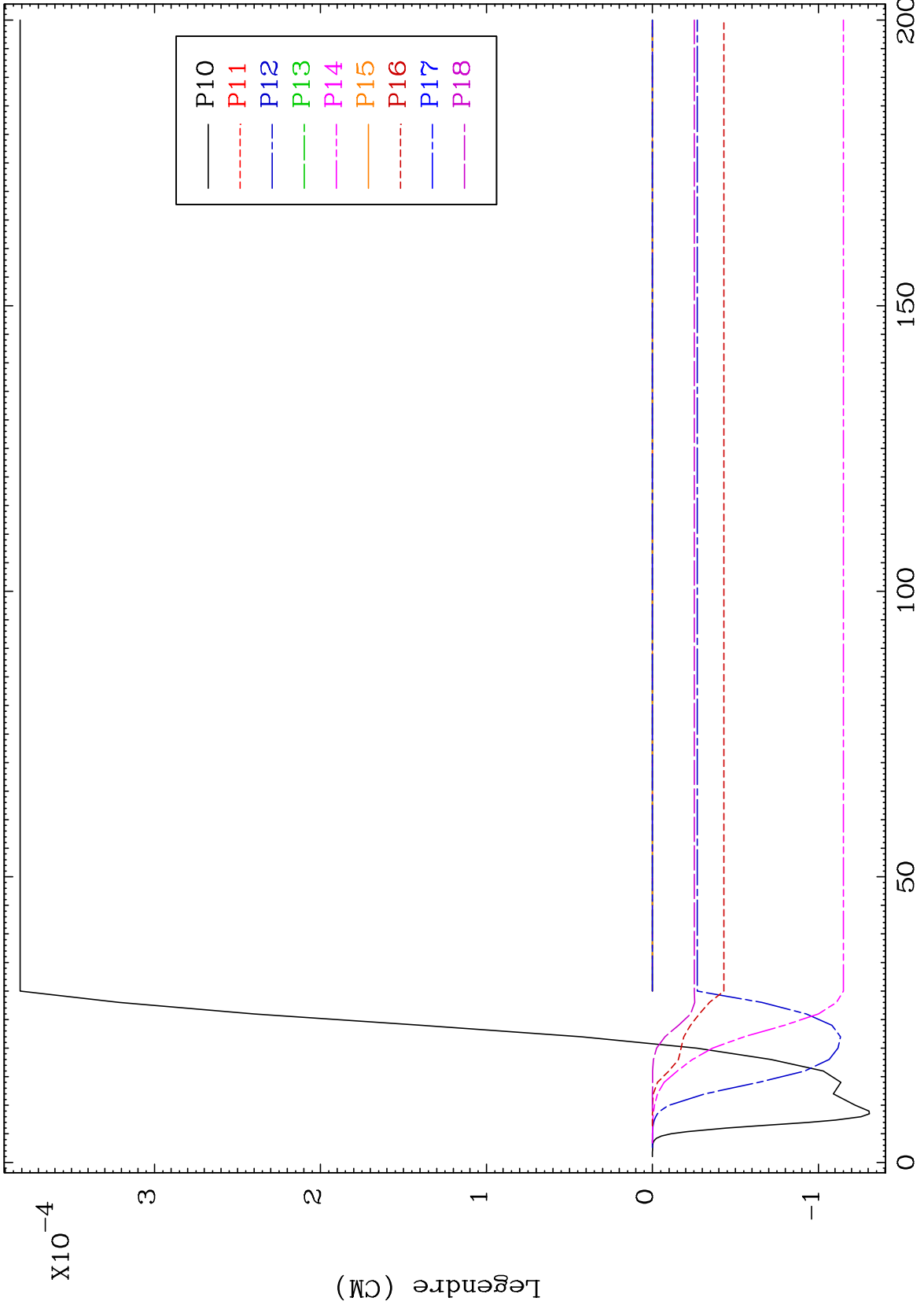


62-Sm-149

MAT 6240

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

62-Sm-149

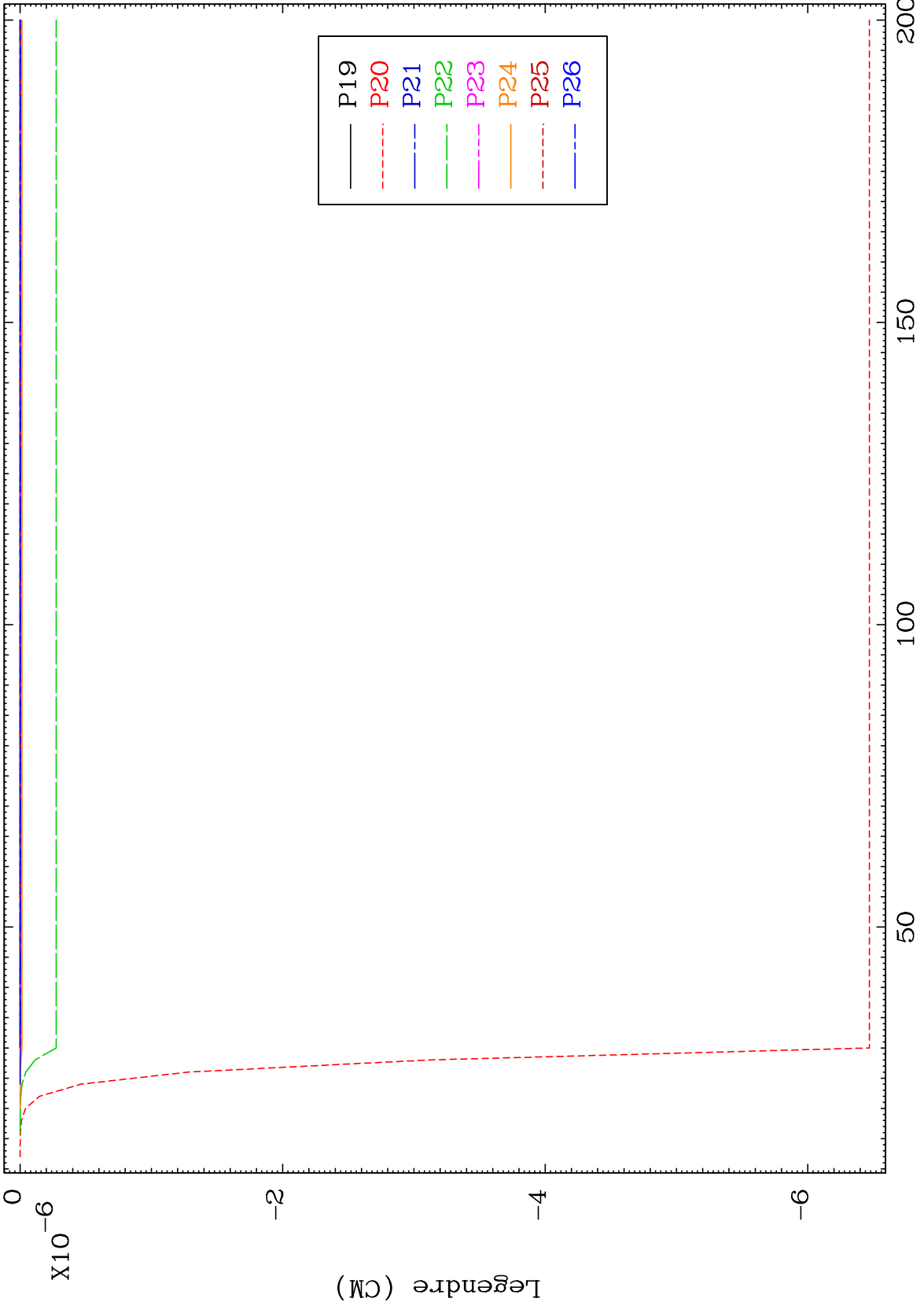


21

Incident Energy (MeV)

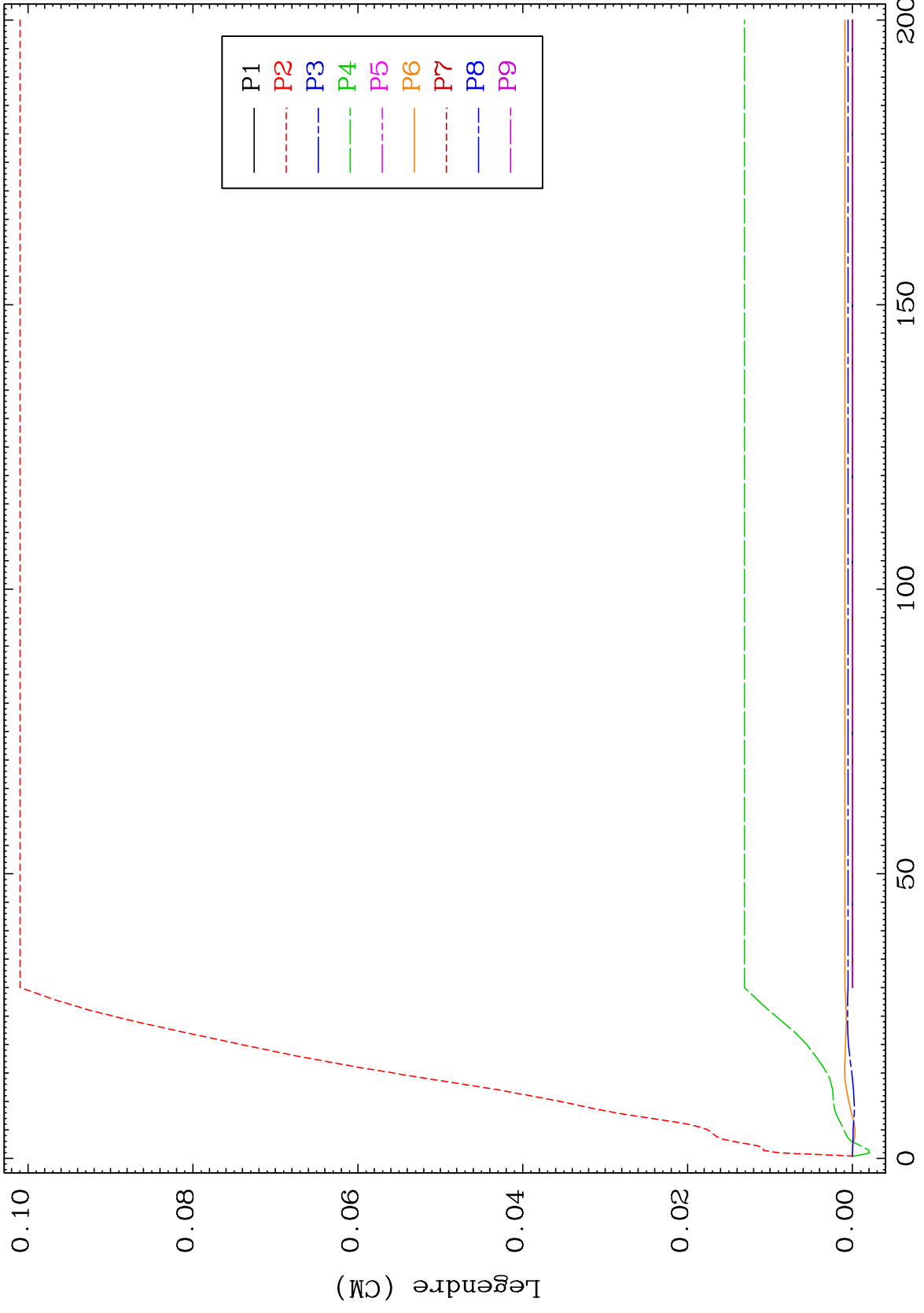
62-Sm-149

MAT 6240 MT= 51 (n,n') Level Legendre Coefficients 62-Sm-149



22 Incident Energy (MeV) 62-Sm-149

MAT 6240 MT= 52 (n,n') Level Legendre Coefficients 62-Sm-149

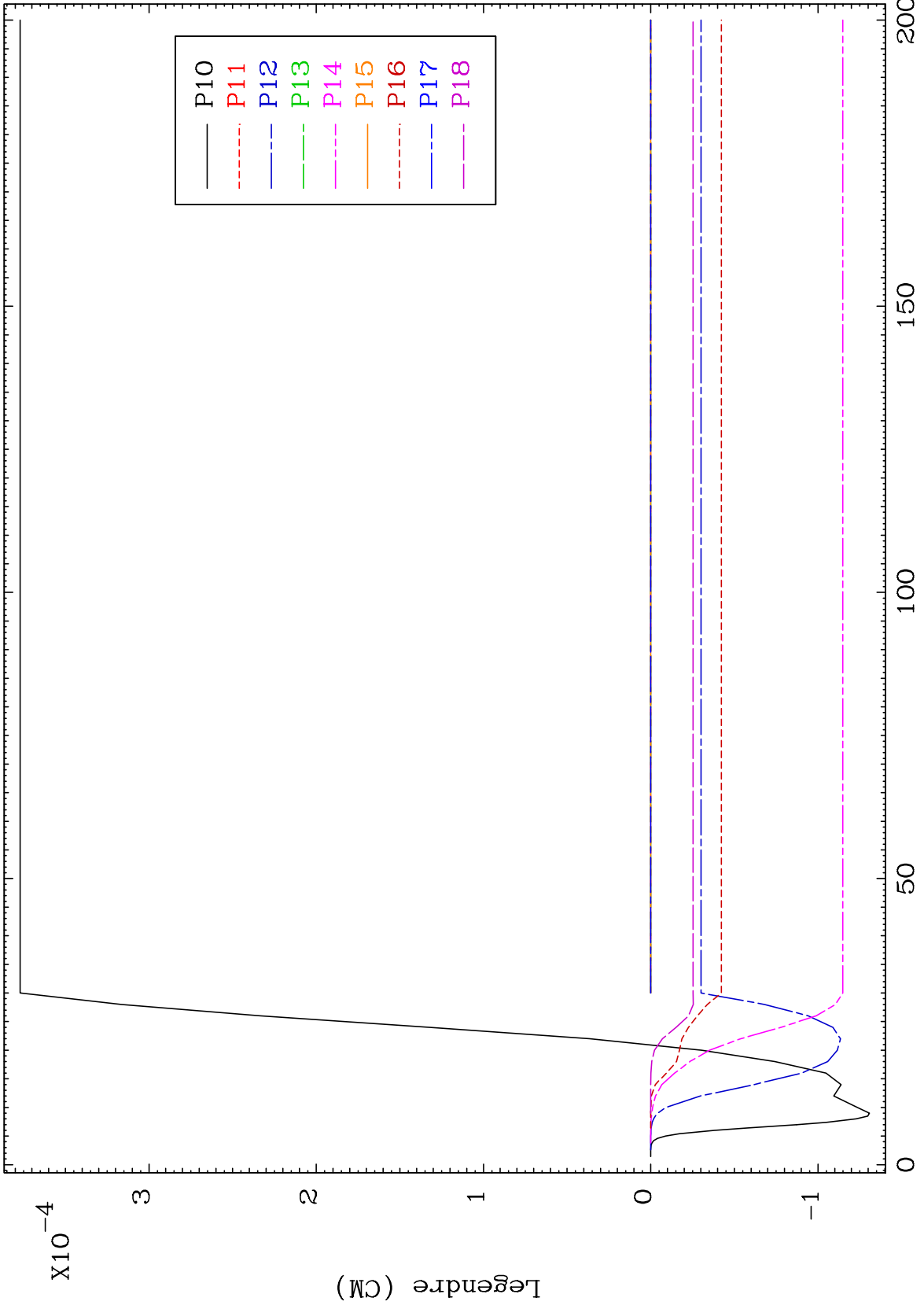


23 62-Sm-149

MAT 6240

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

62-Sm-149



24

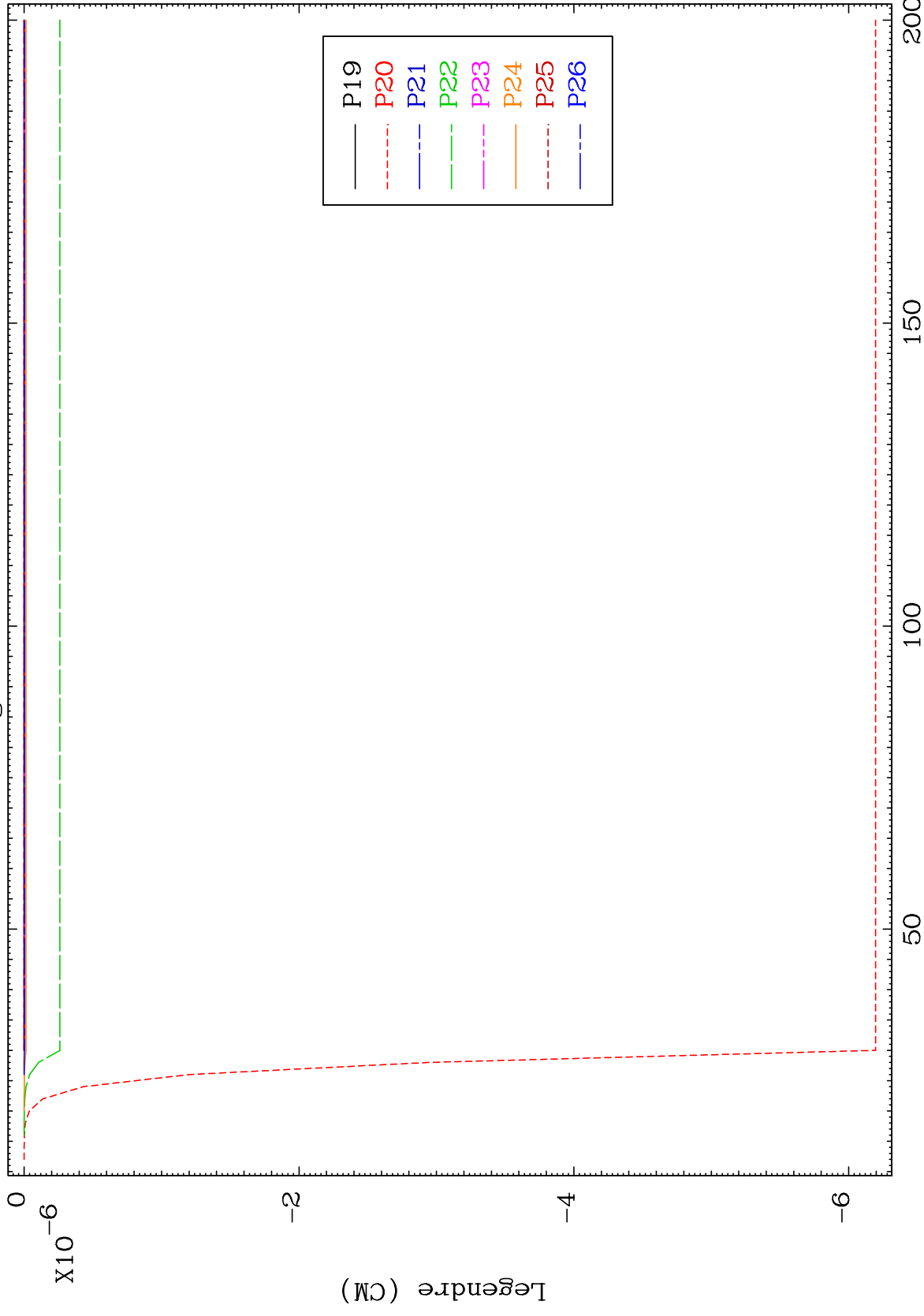
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



62-Sm-149

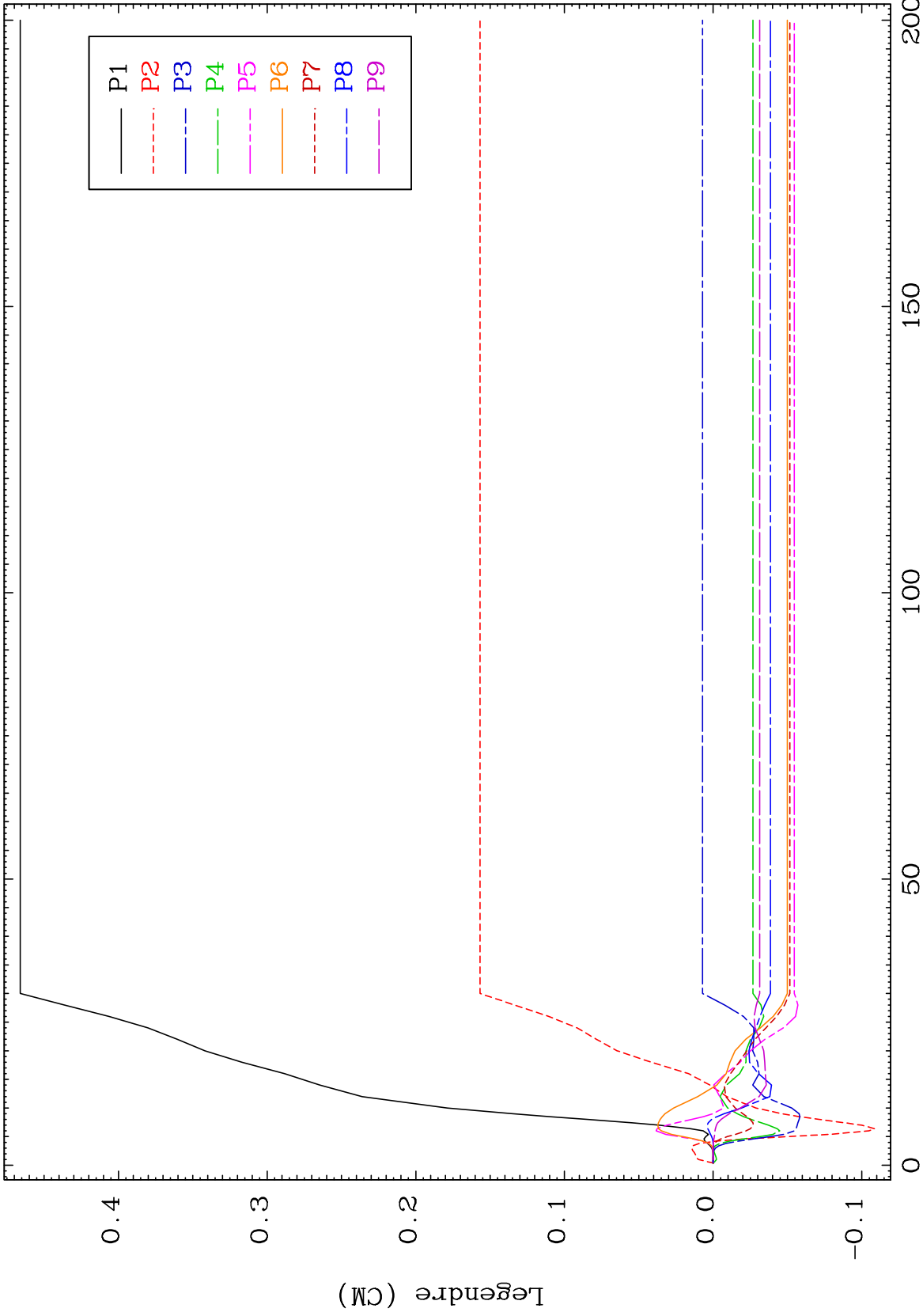
Incident Energy (MeV)

25

MAT 6240

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

62-Sm-149



26

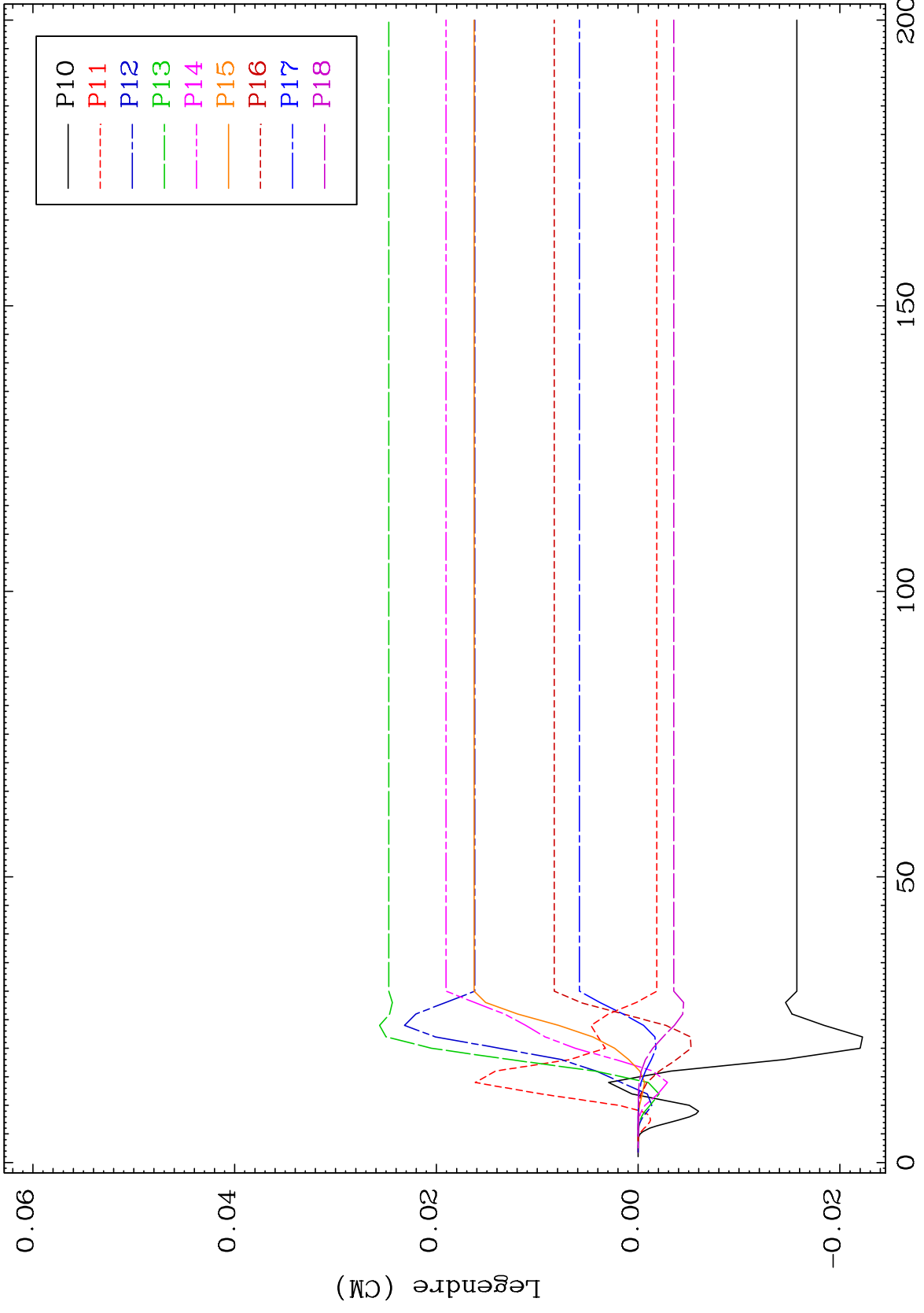
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



27

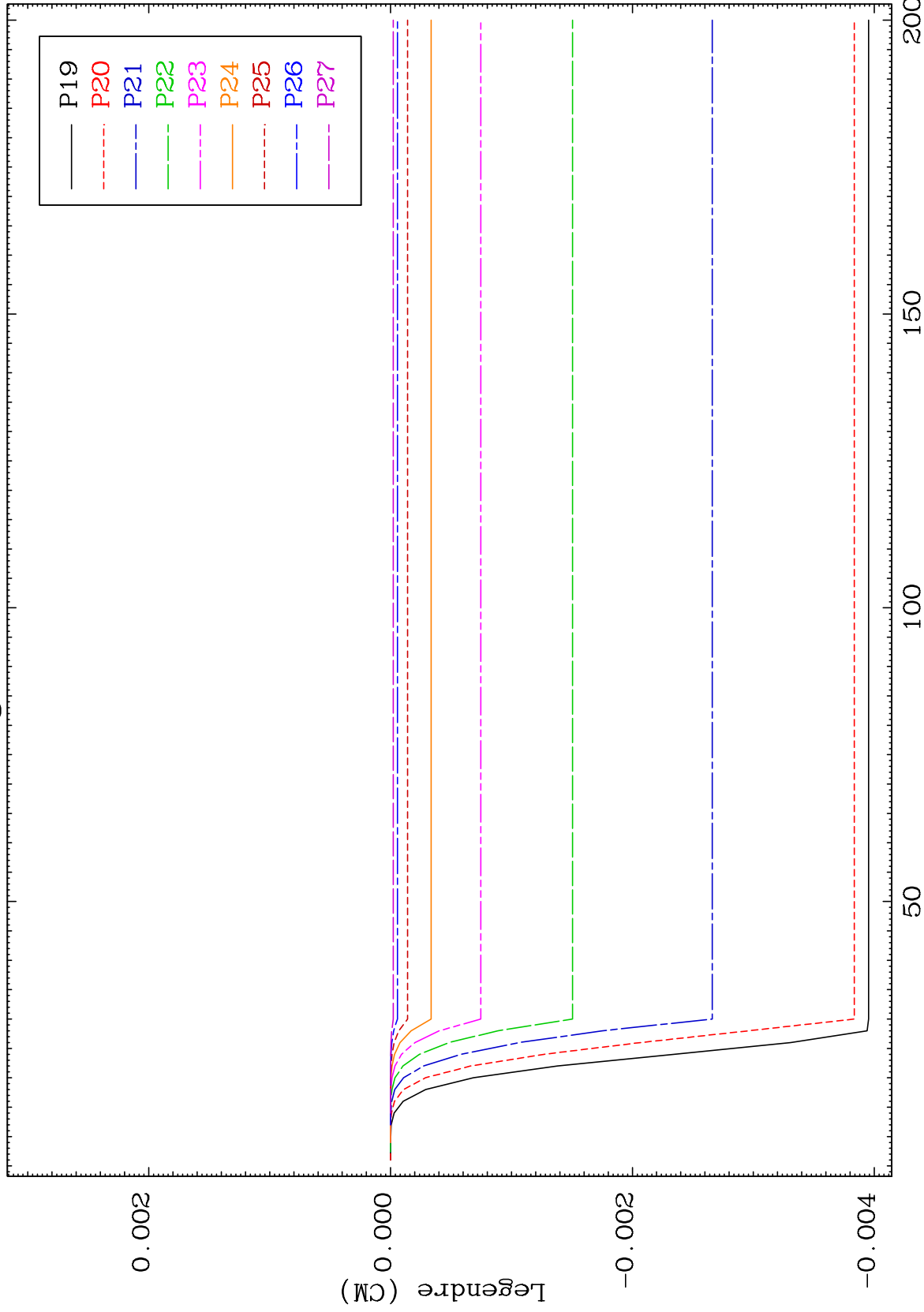
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



28

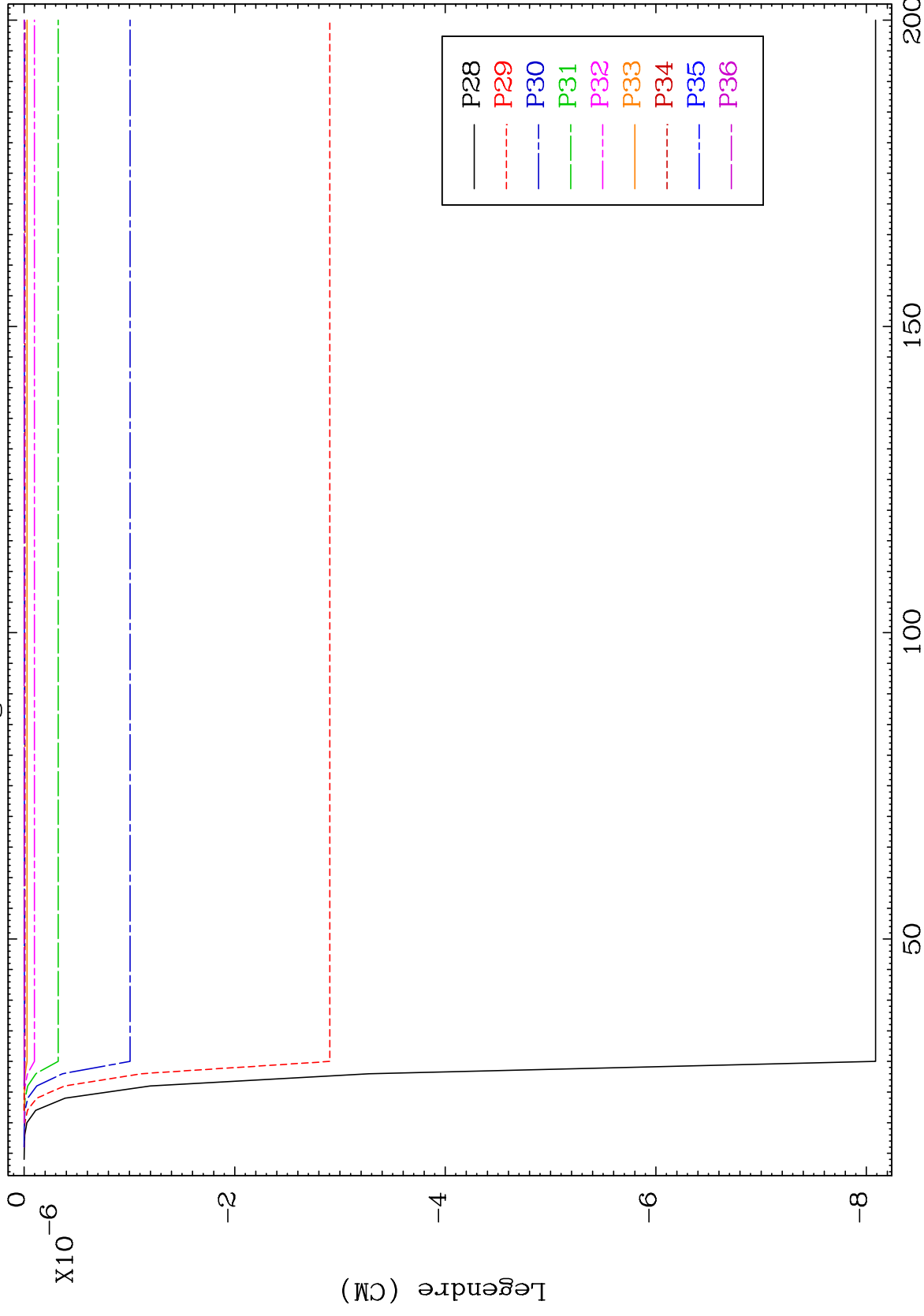
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



62-Sm-149

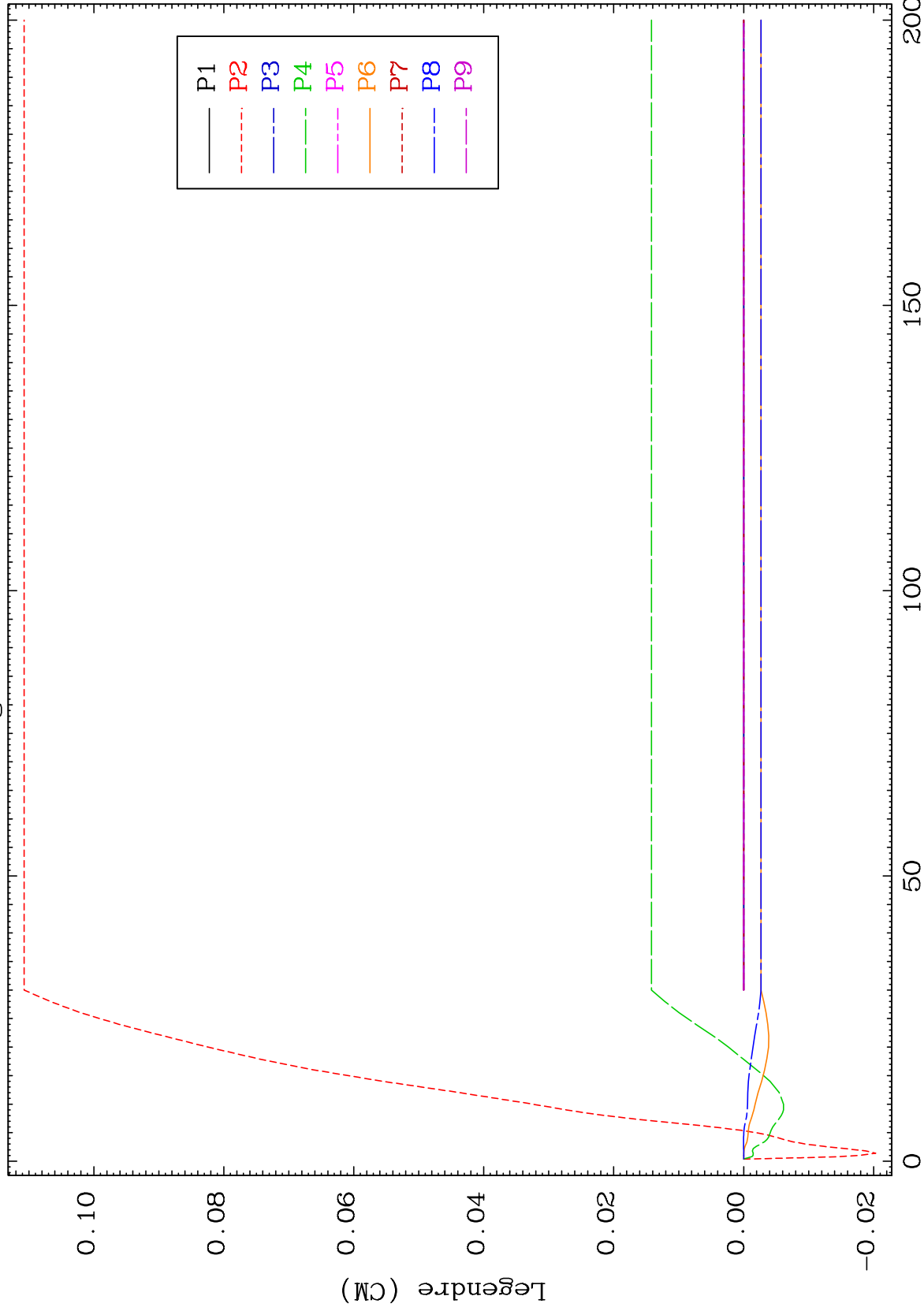
Incident Energy (MeV)

29

MAT 6240

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

62-Sm-149



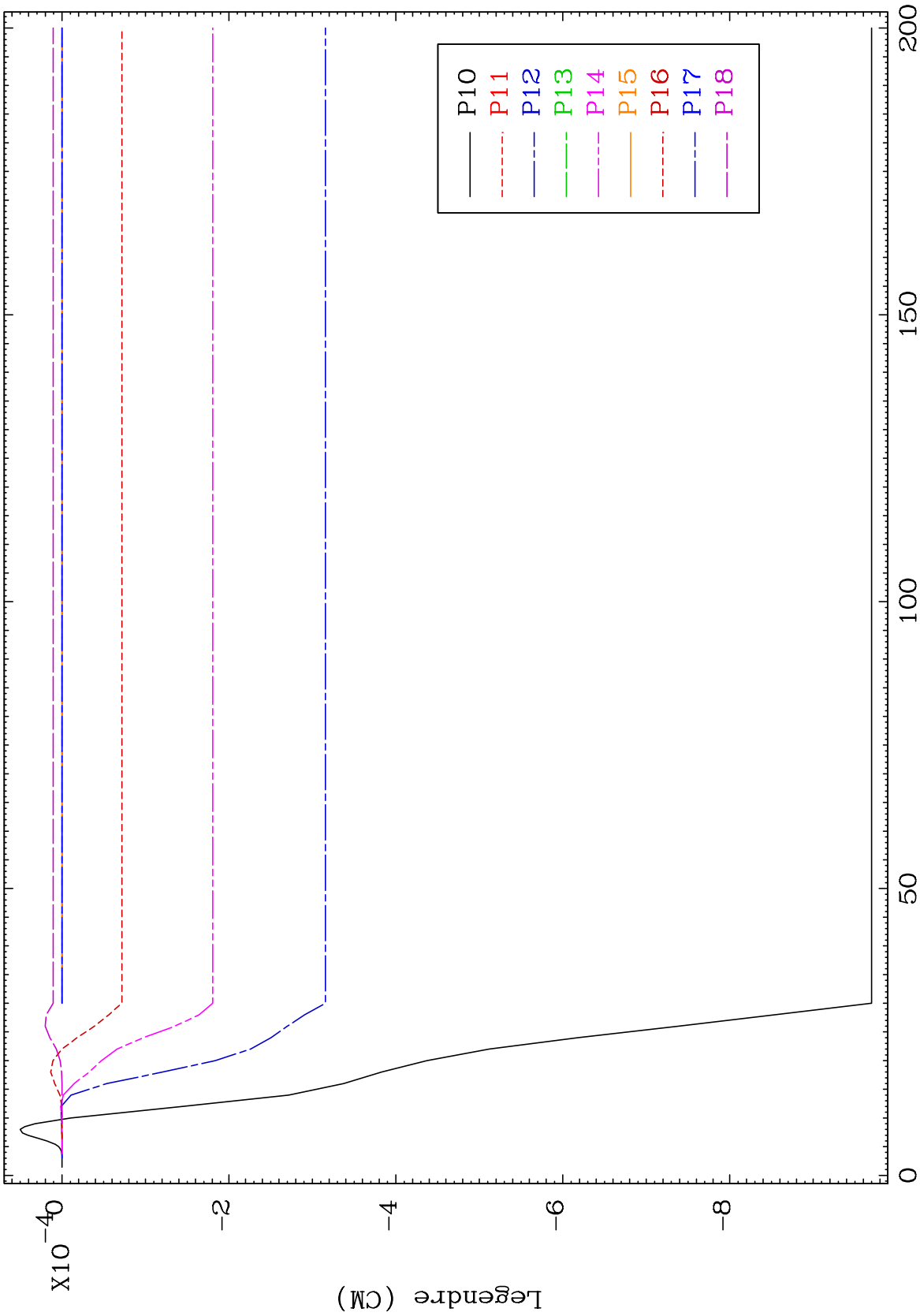
62-Sm-149

Incident Energy (MeV)

MAT 6240

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

62-Sm-149



31

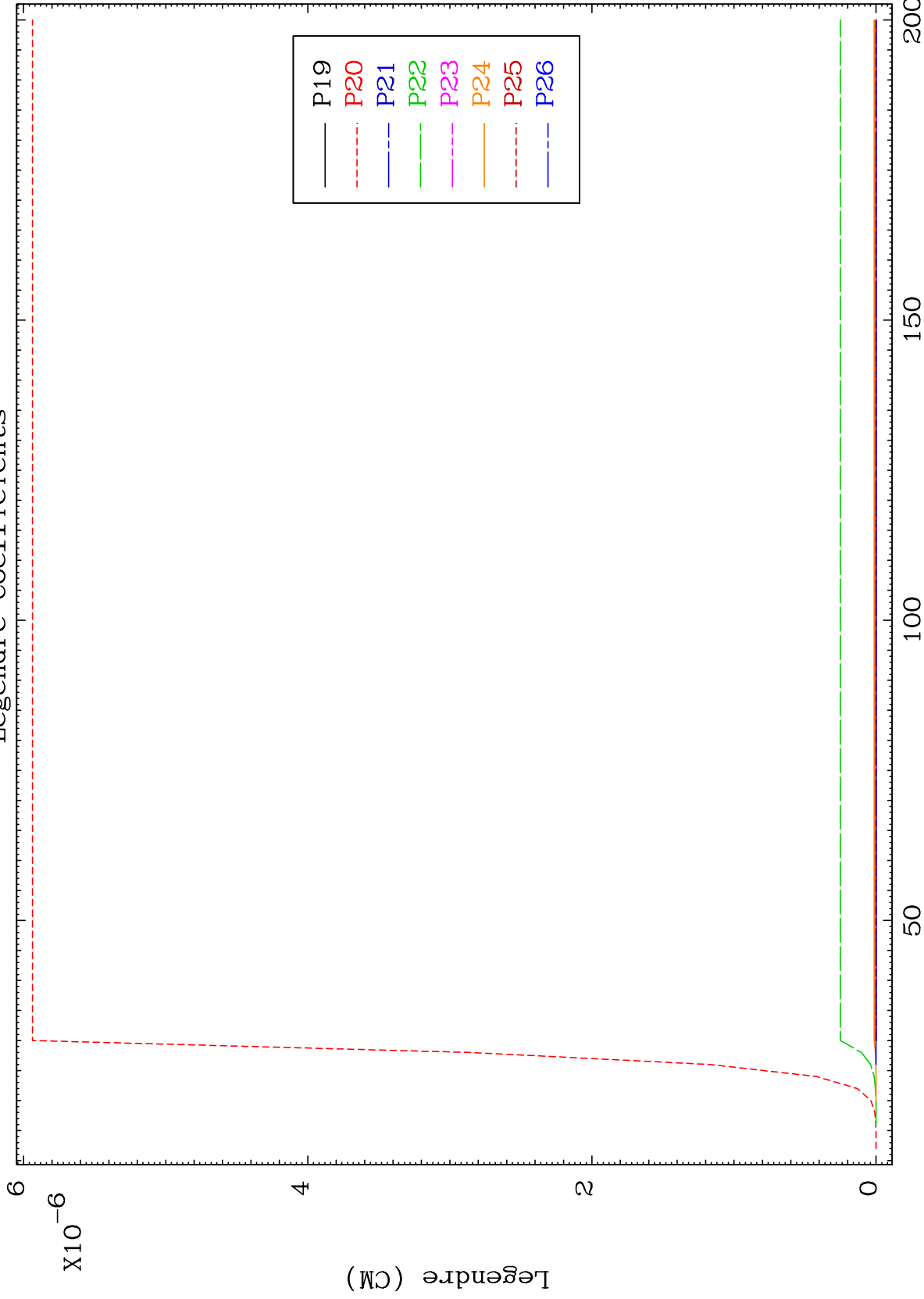
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



62-Sm-149

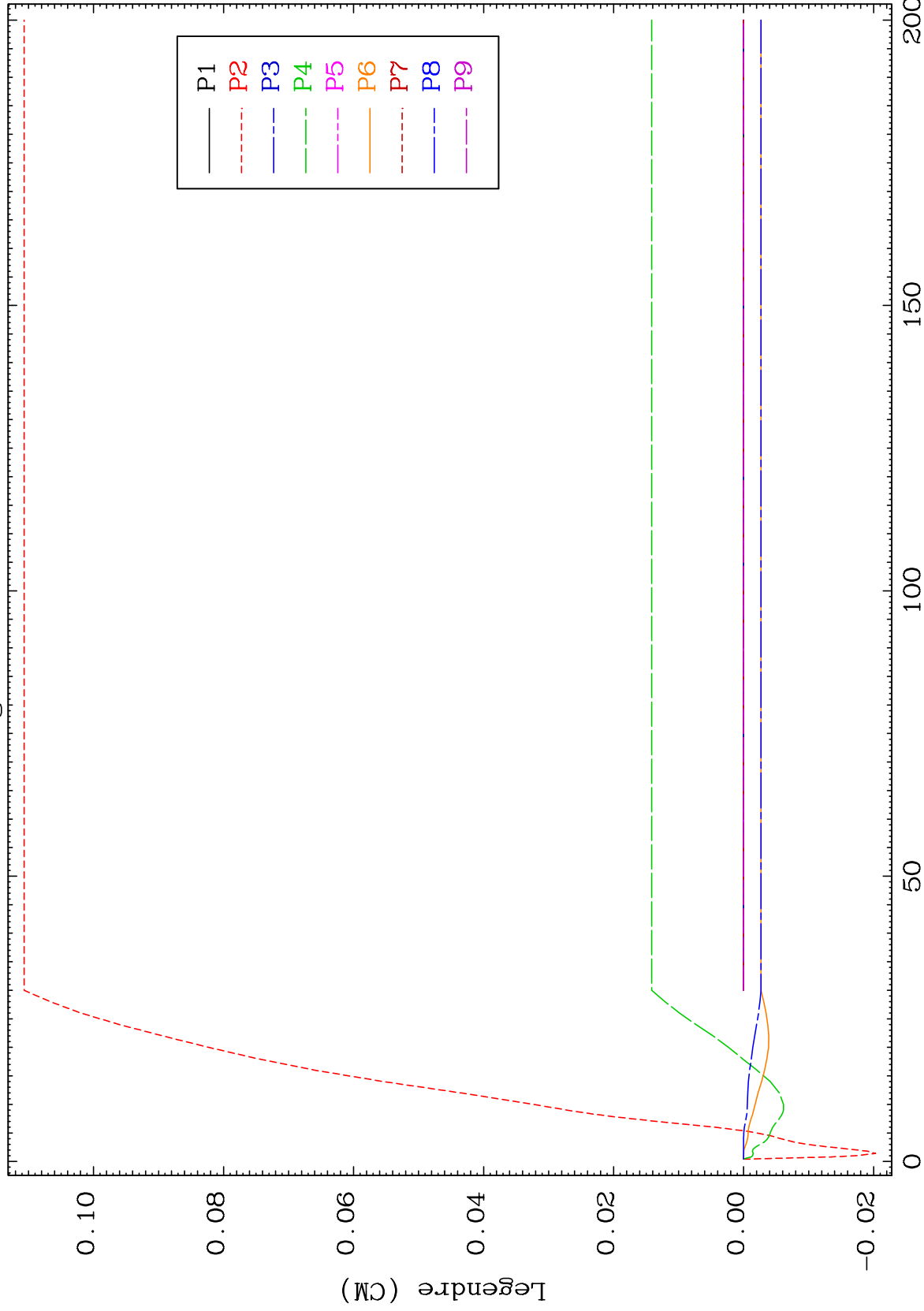
Incident Energy (MeV)

32

MAT 6240

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

62-Sm-149



33

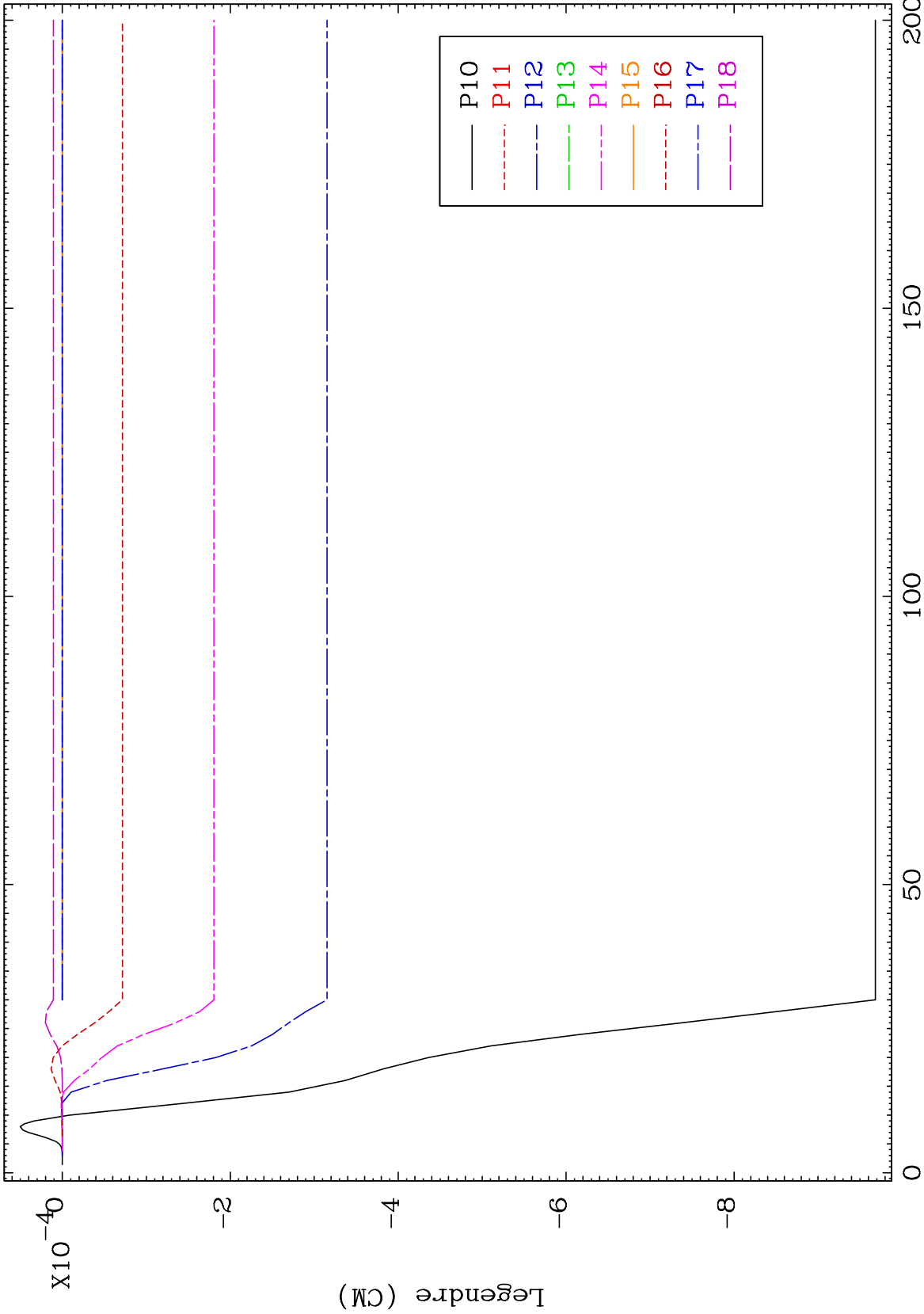
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

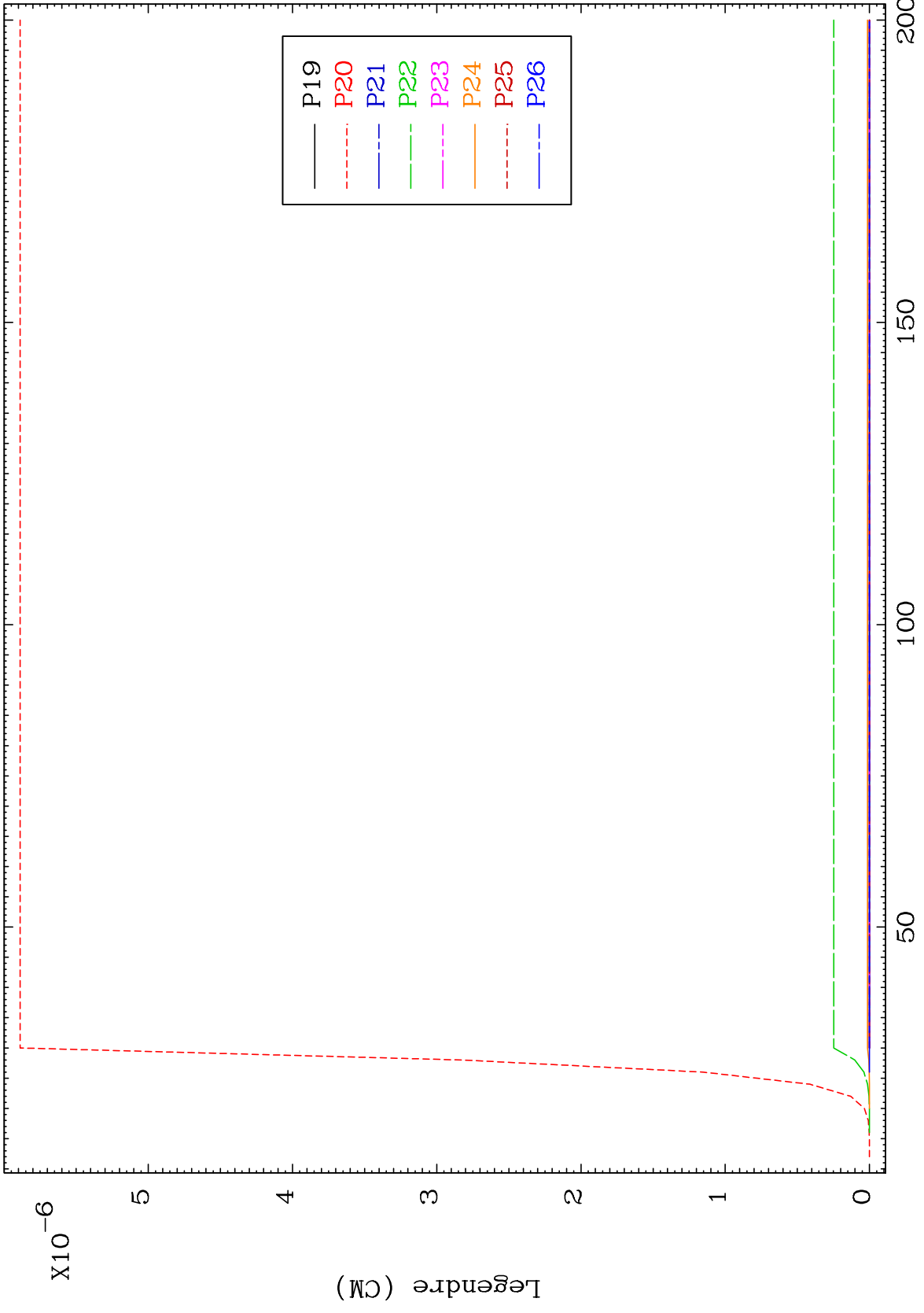
62-Sm-149



34

62-Sm-149

MAT 6240 MT= 55 (n,n') Level Legendre Coefficients 62-Sm-149

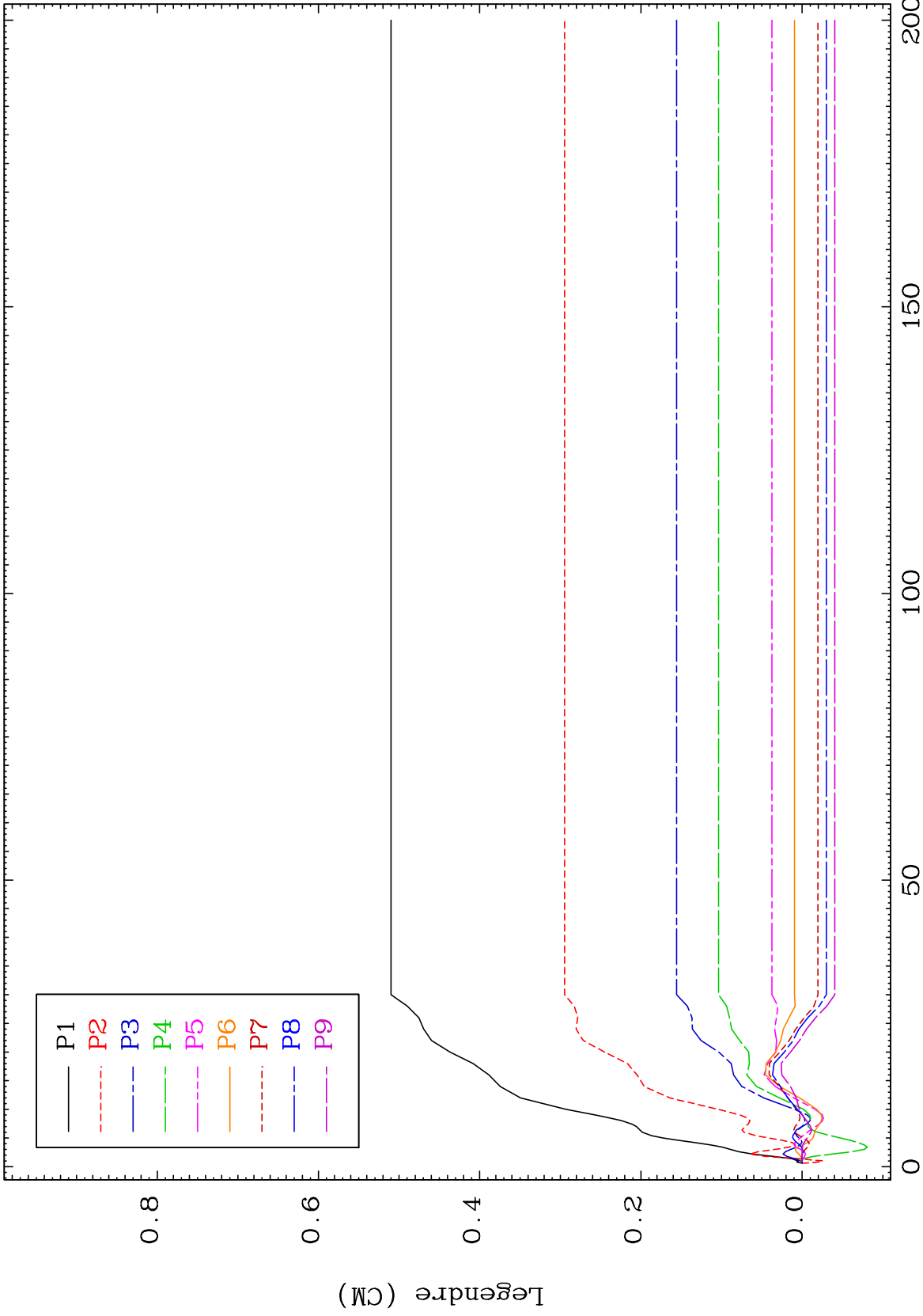


35 Incident Energy (MeV) 62-Sm-149

MAT 6240

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

62-Sm-149



36

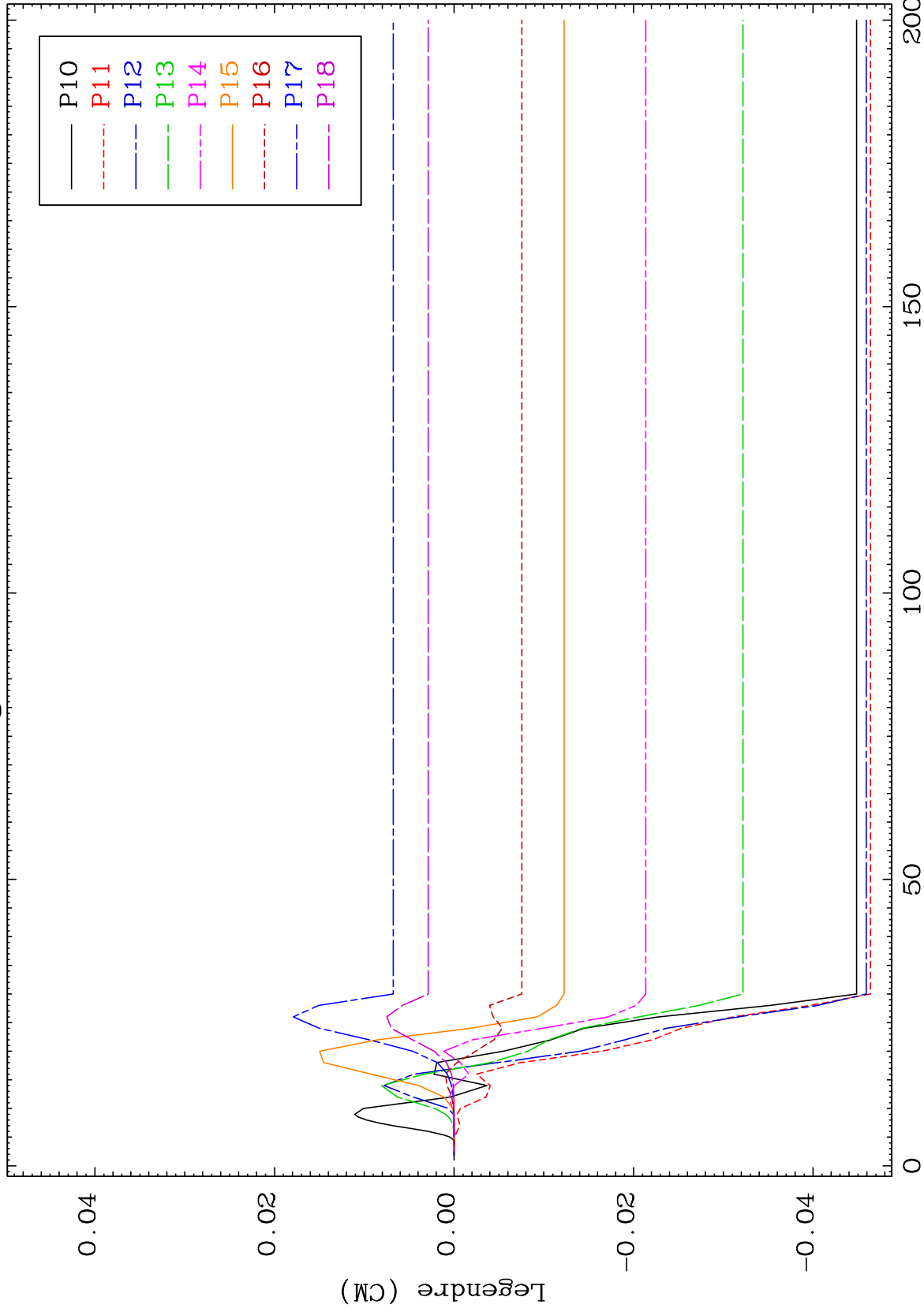
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



37

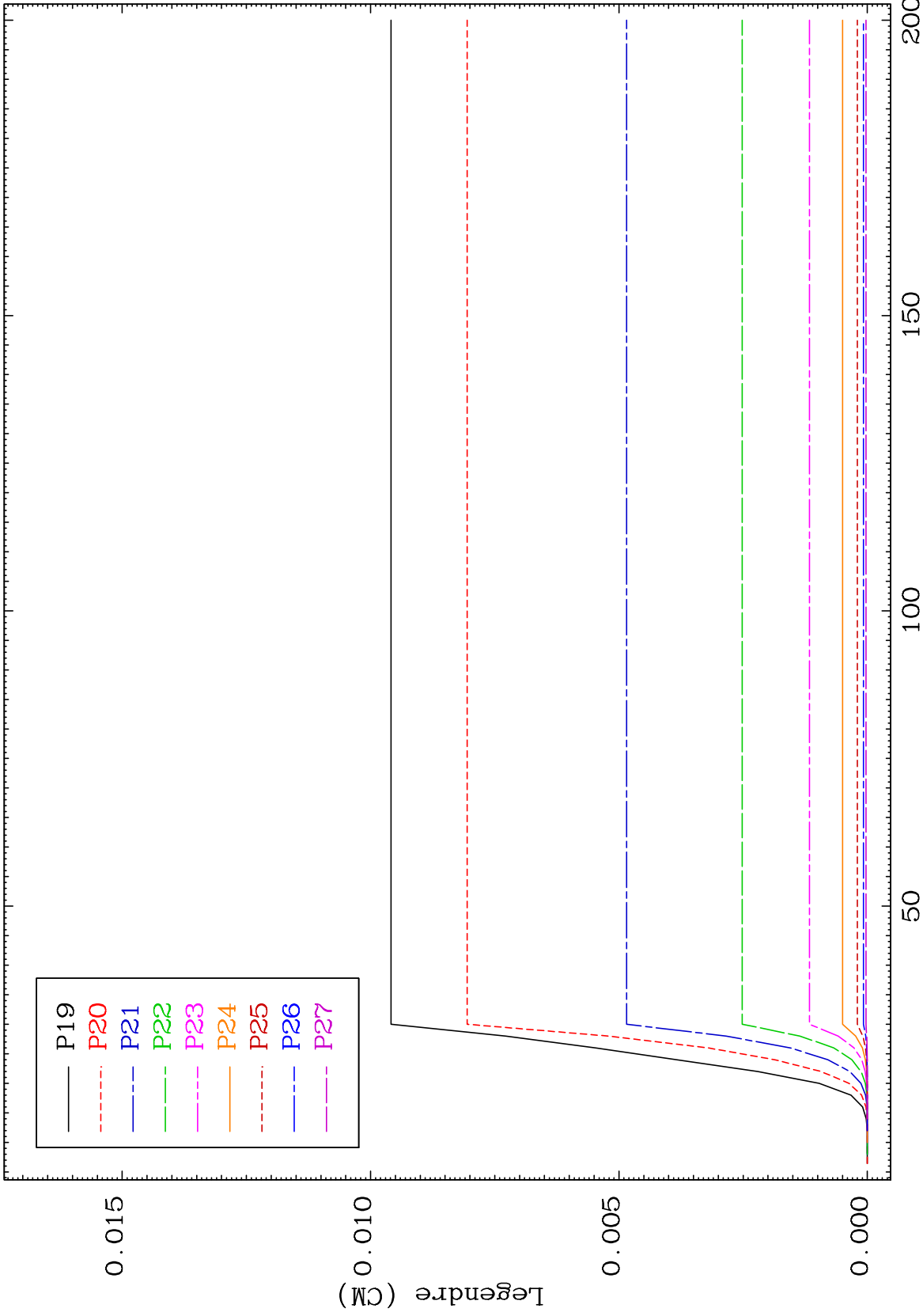
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



38

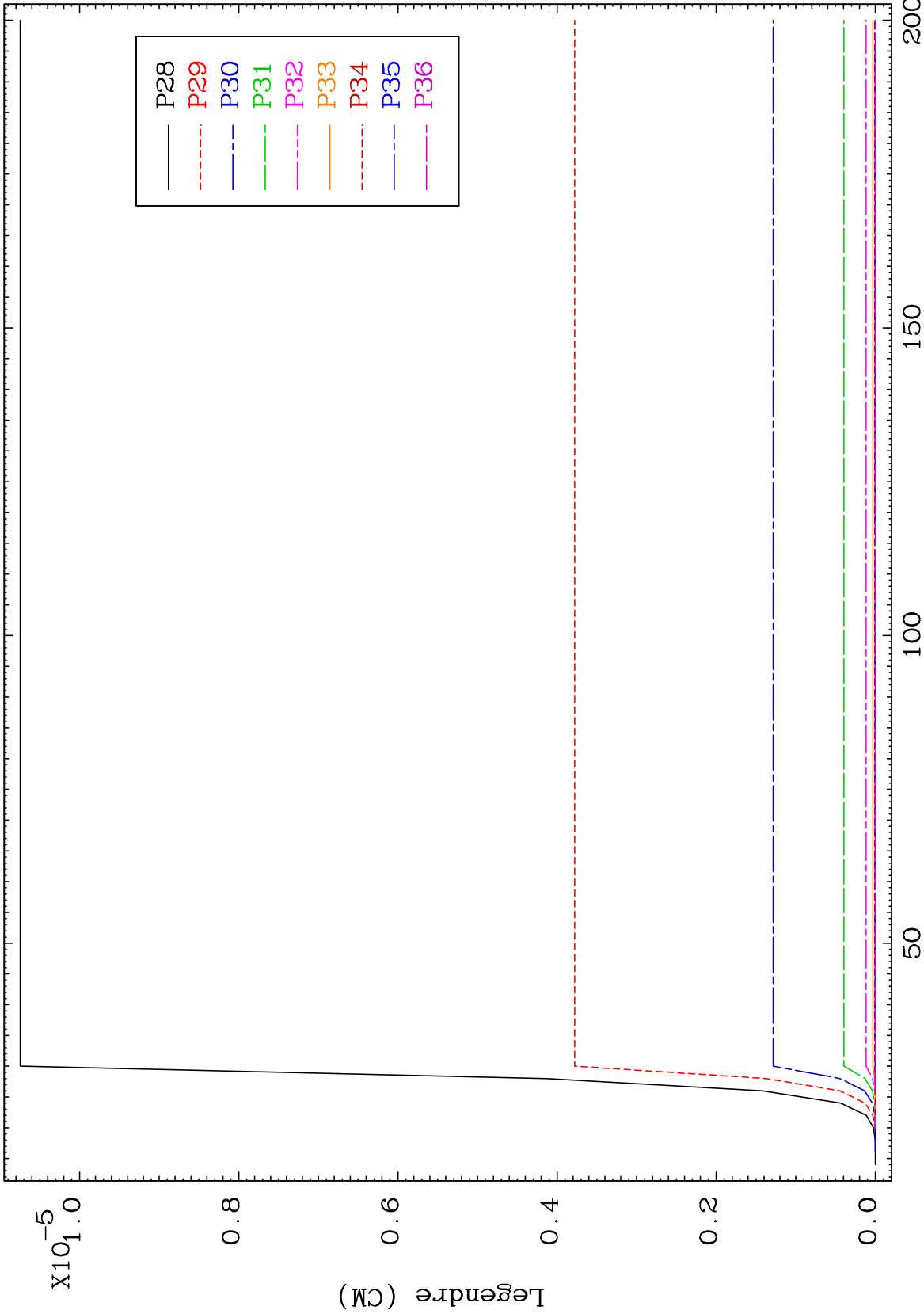
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



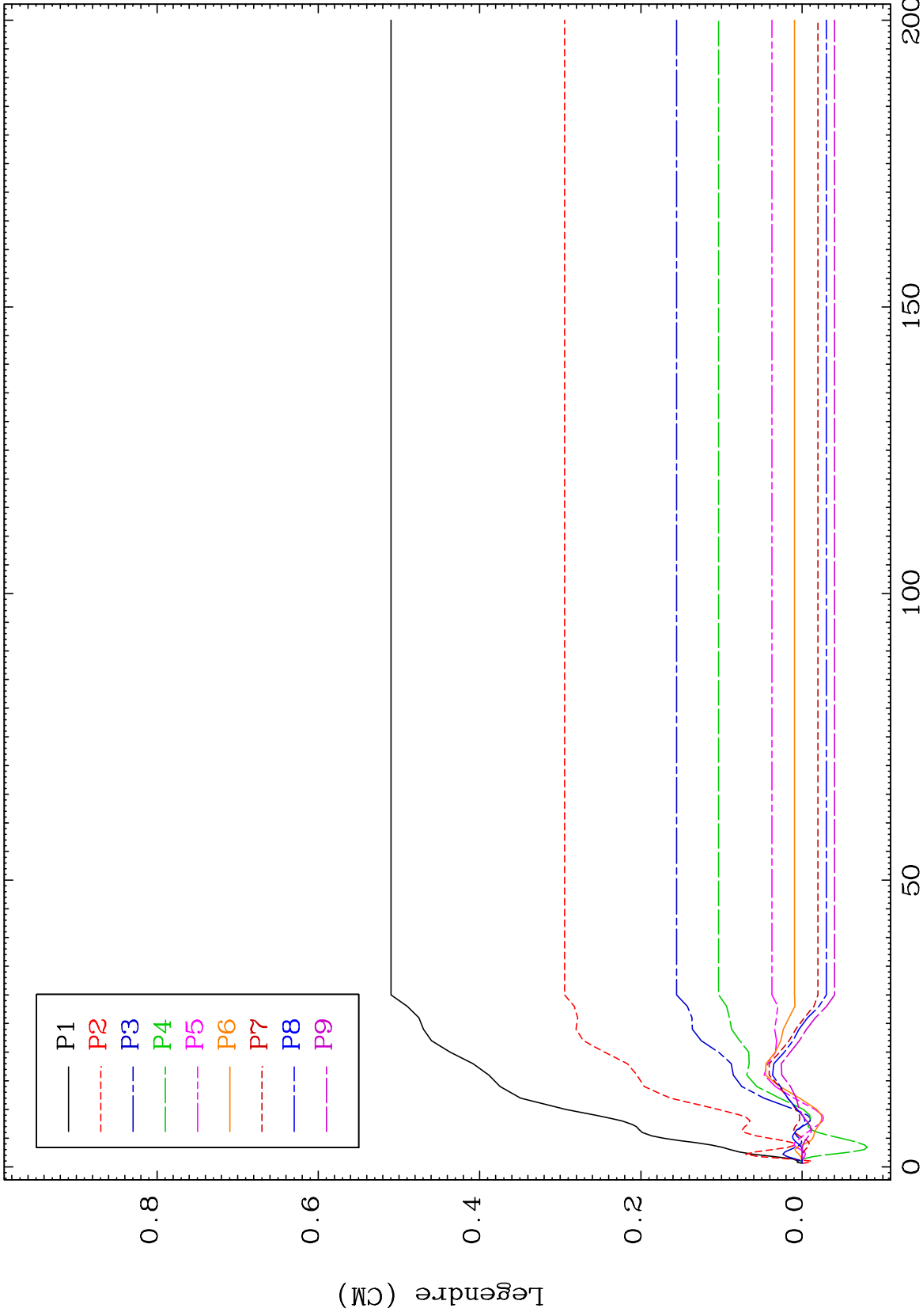
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62-Sm-149

MAT 6240

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

62-Sm-149



40

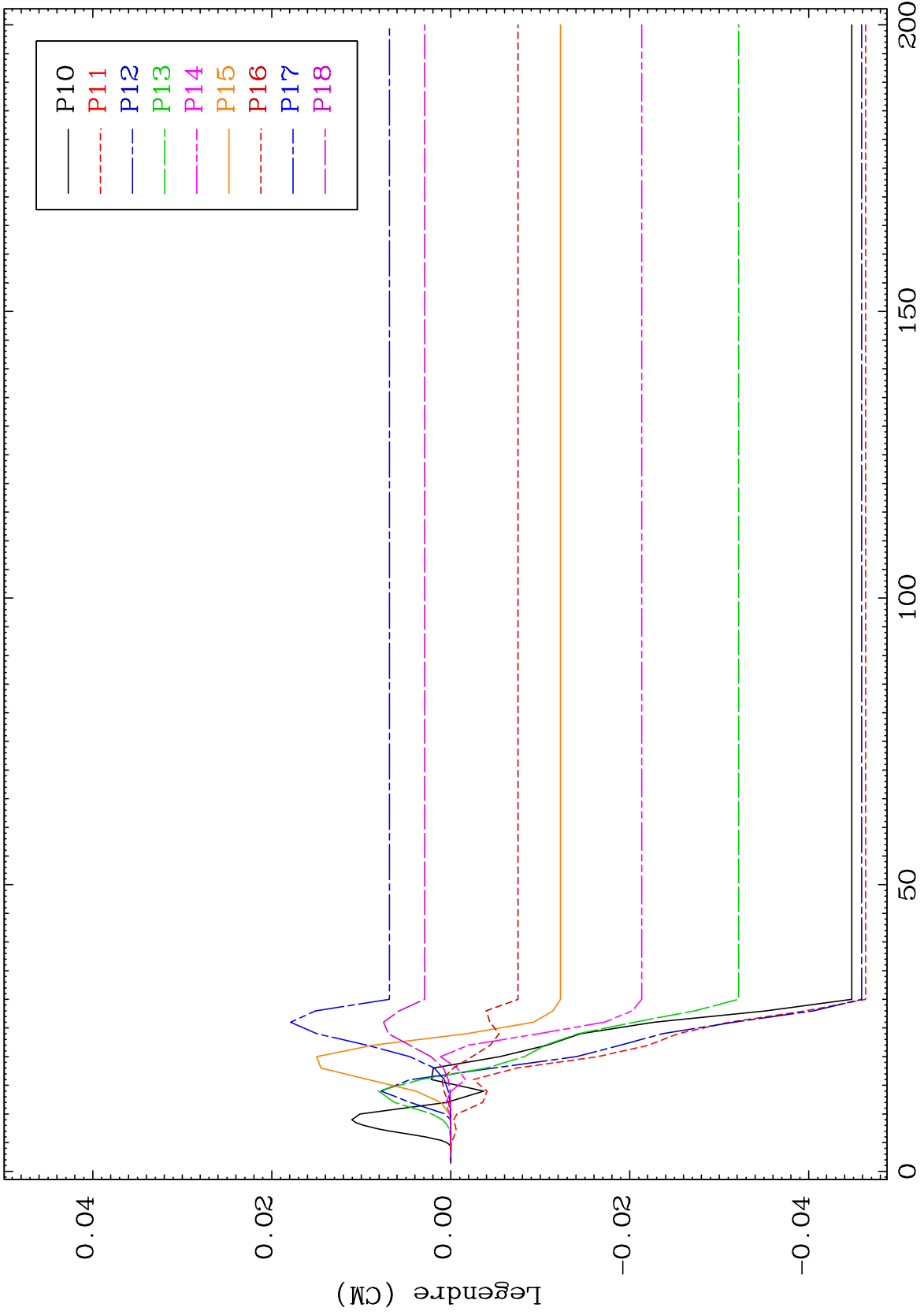
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



41

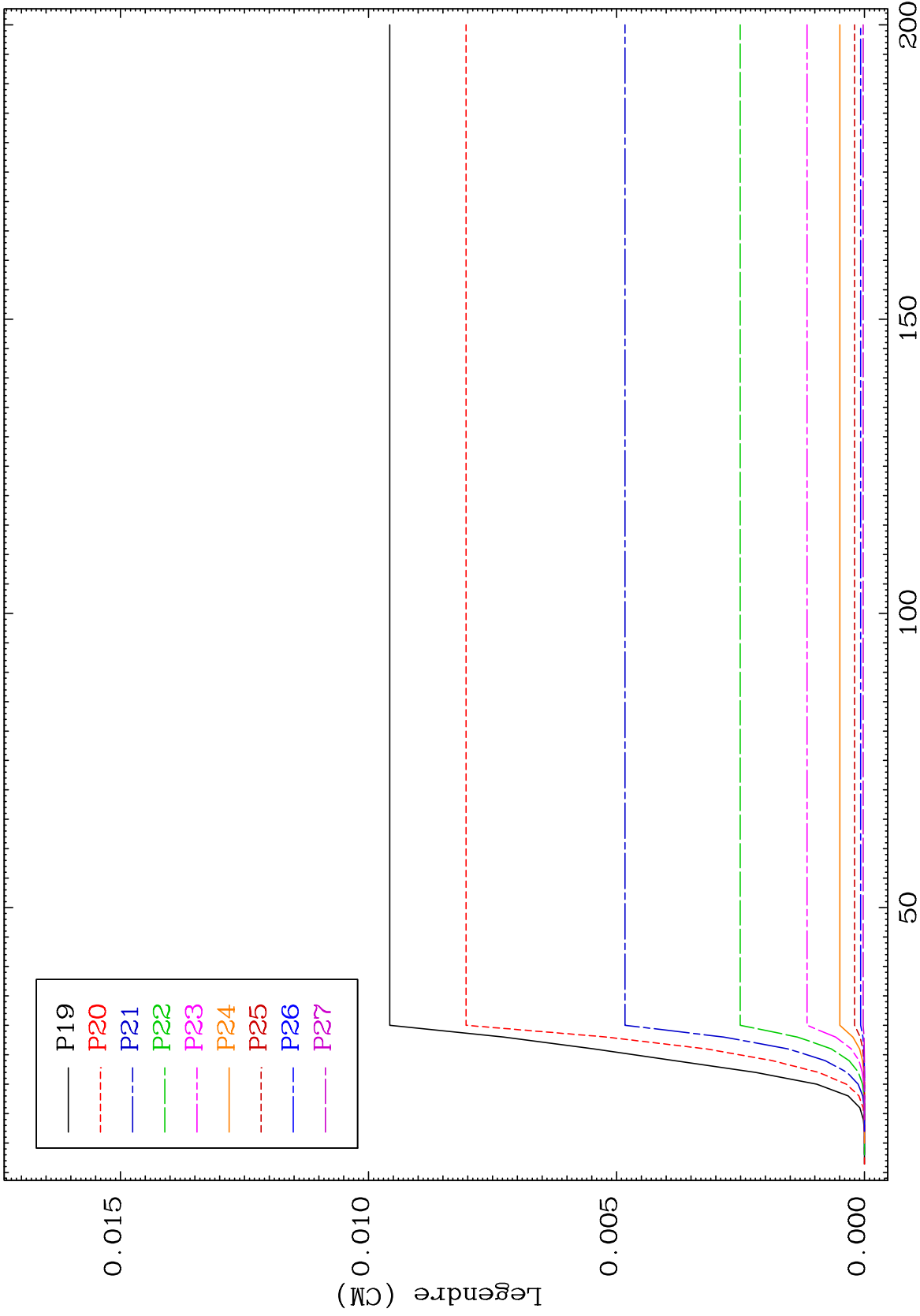
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



42

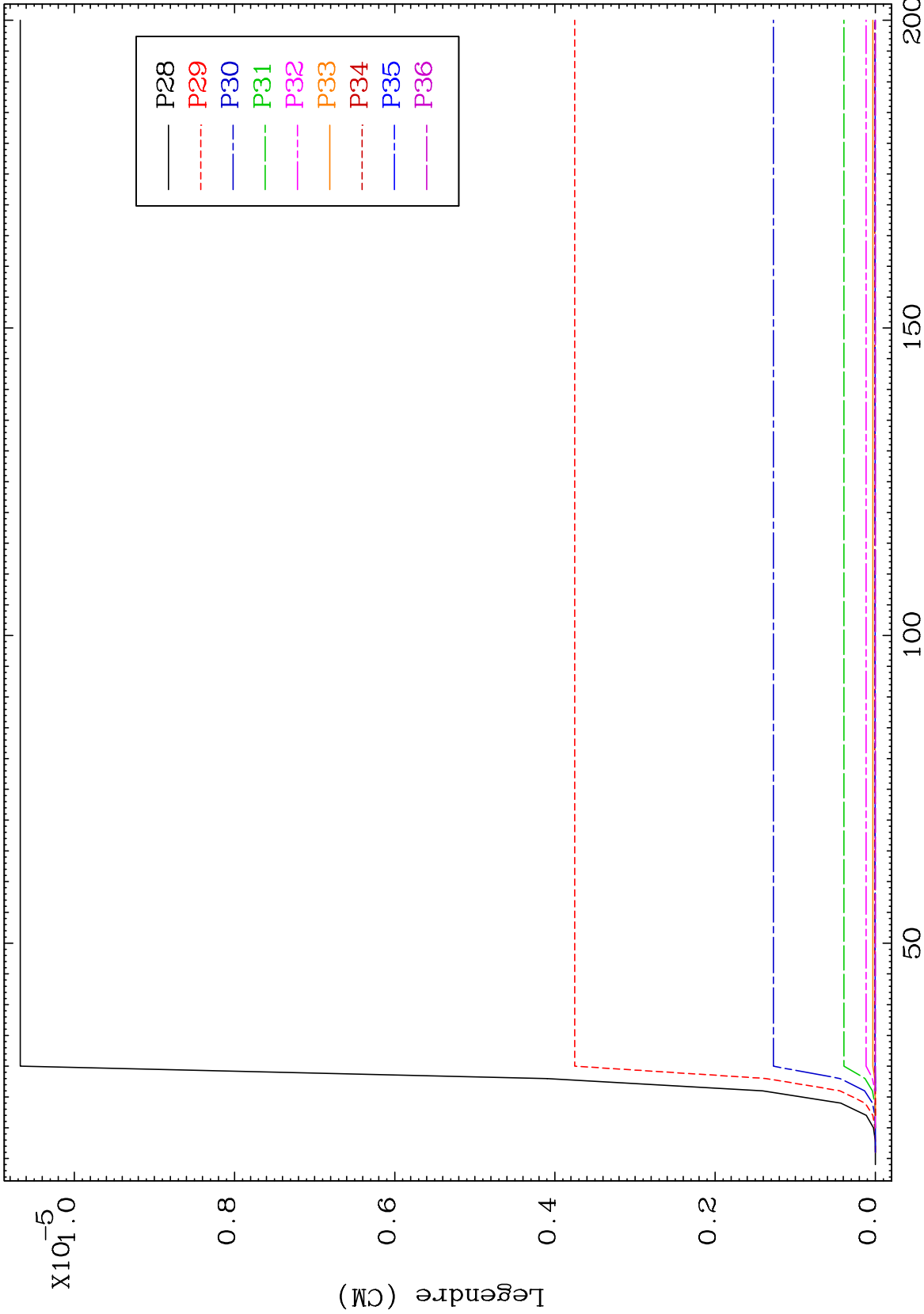
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



43

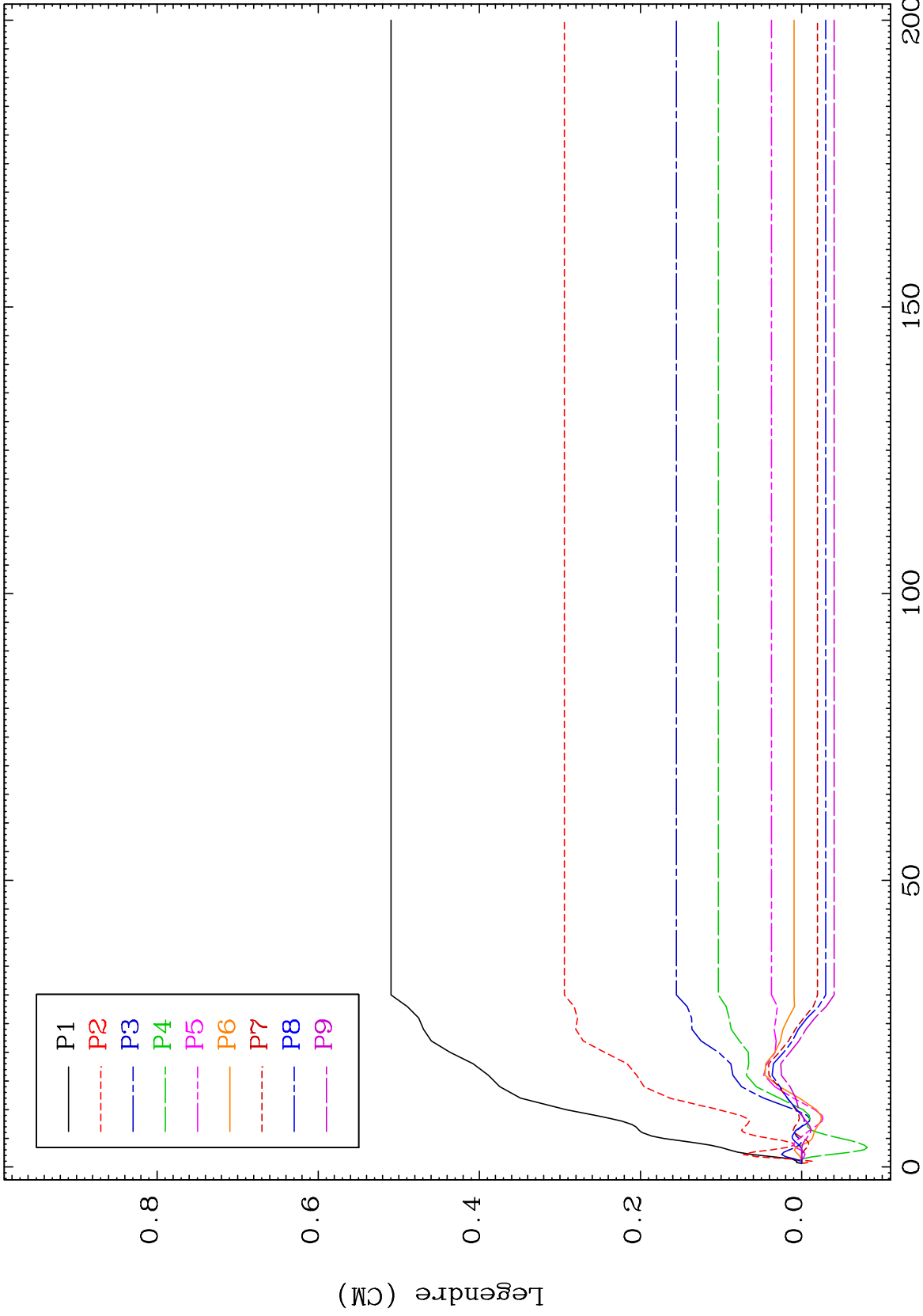
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



44

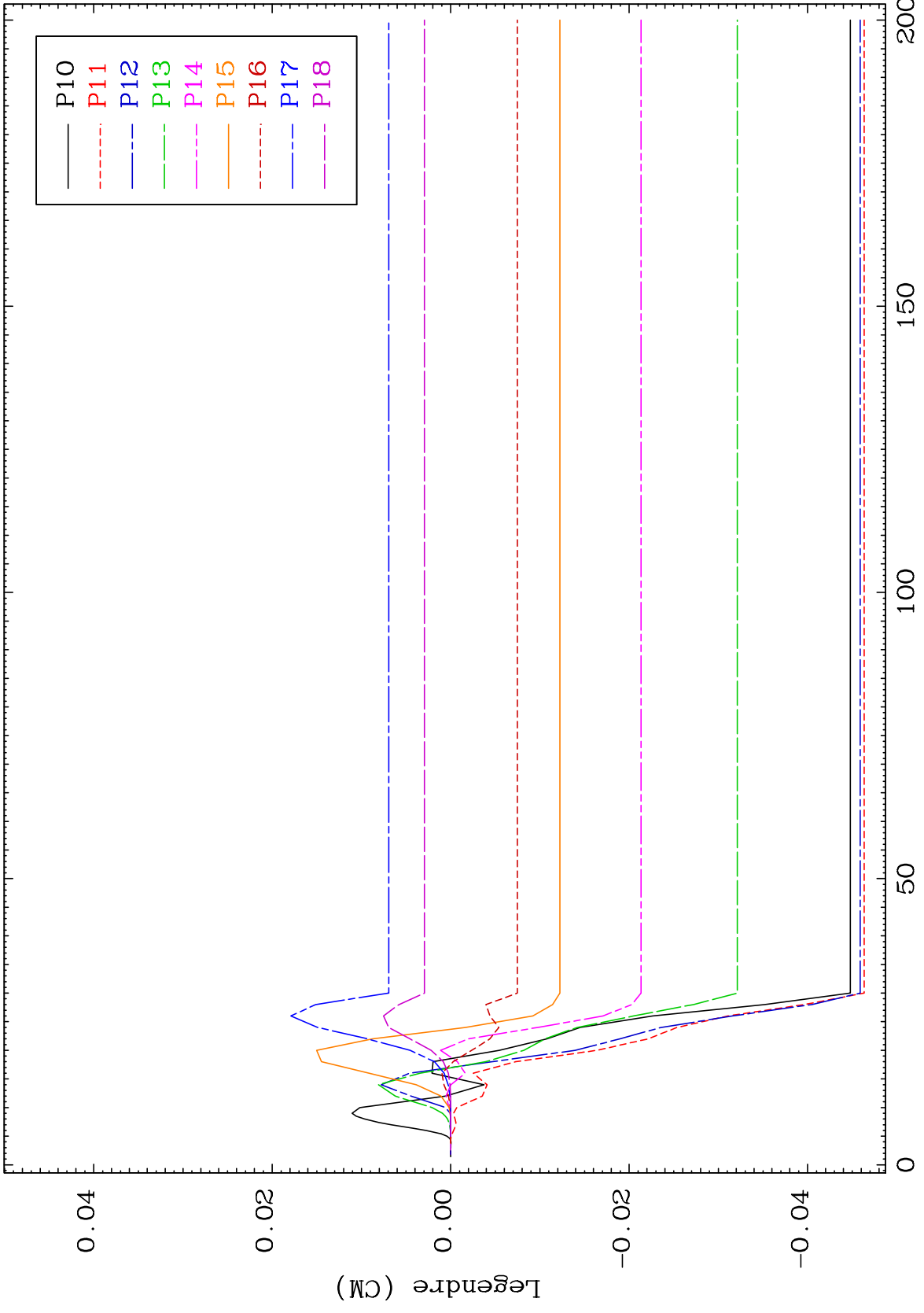
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62-Sm-149

MAT 6240

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

62-Sm-149



45

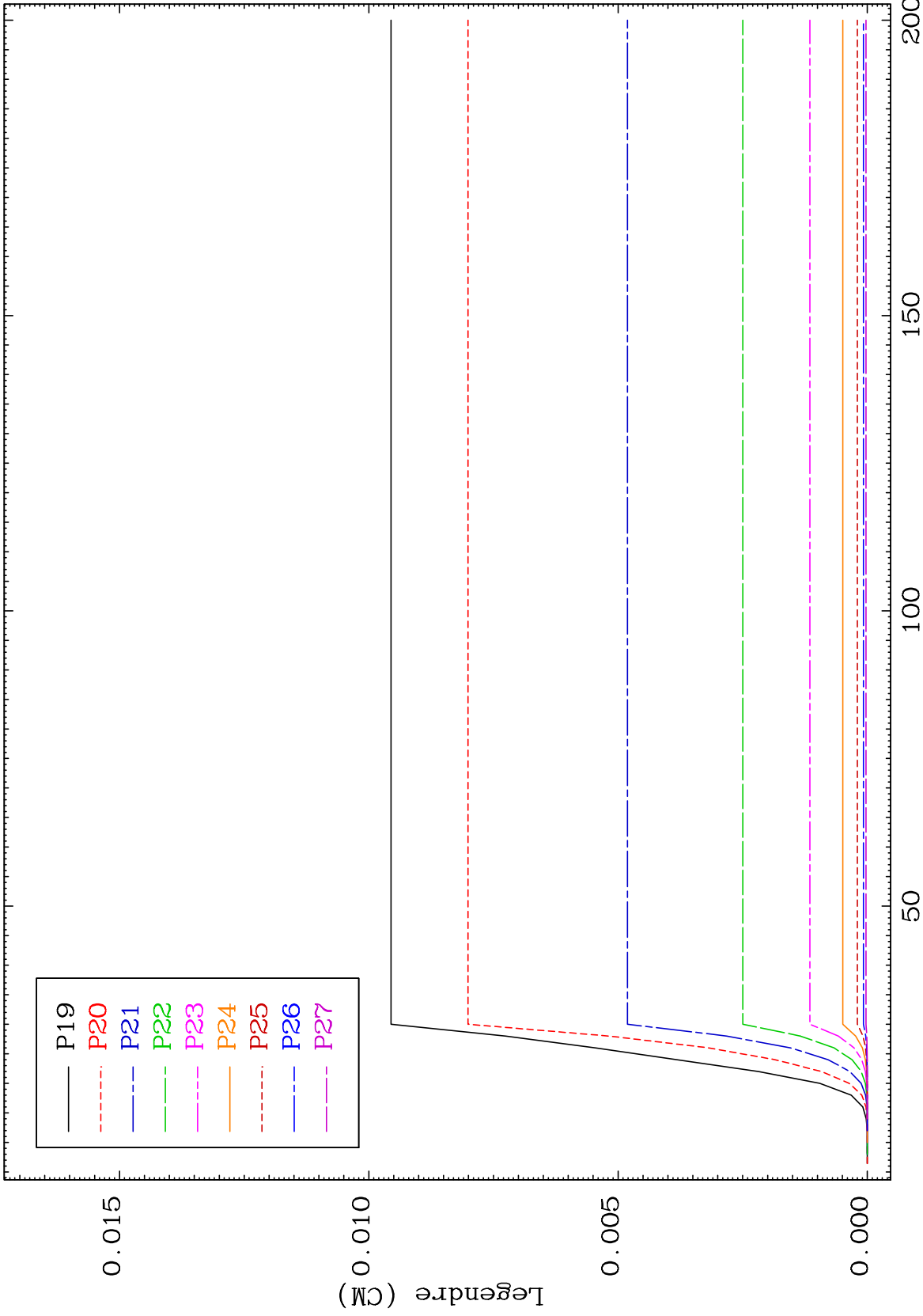
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



46

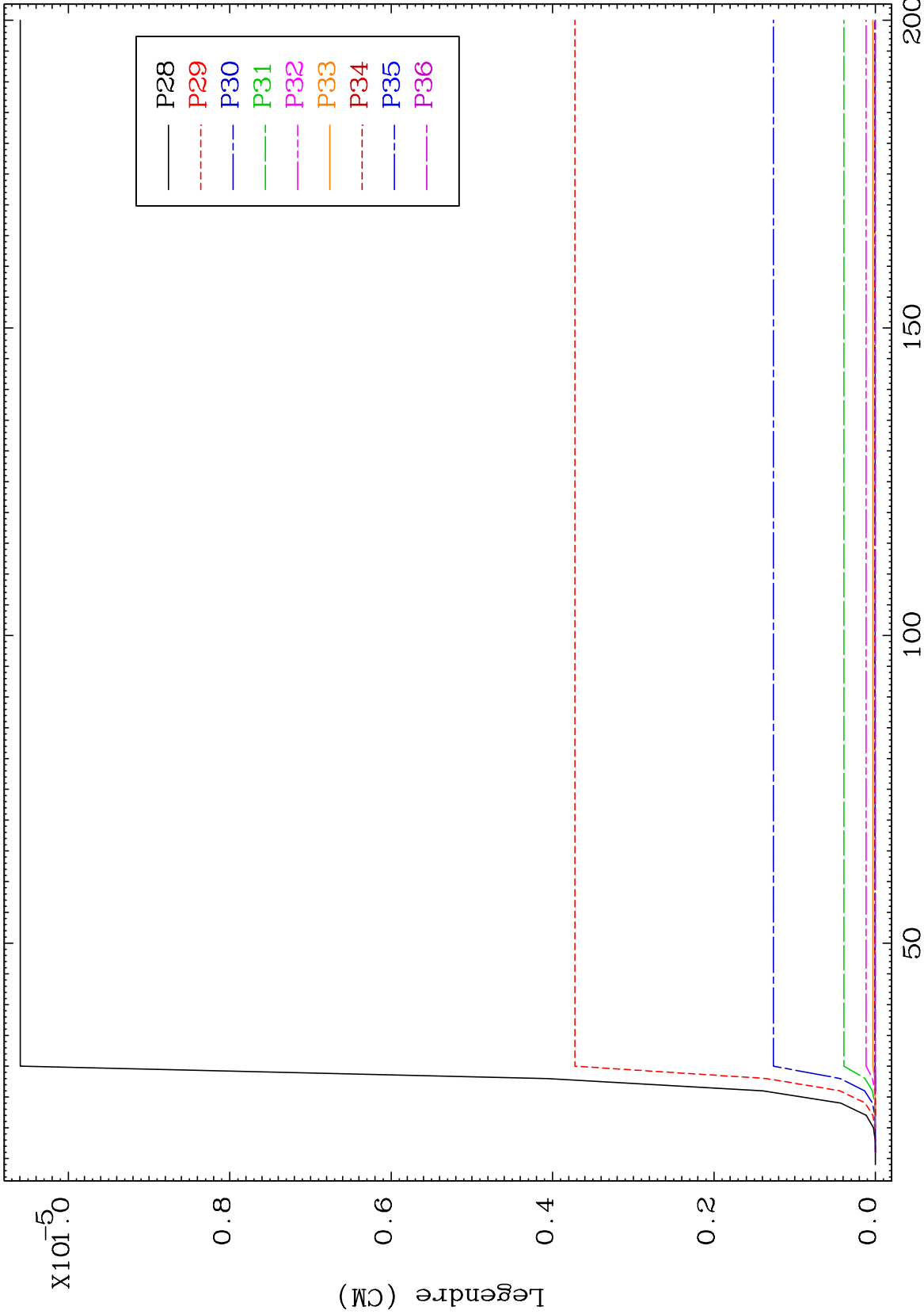
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



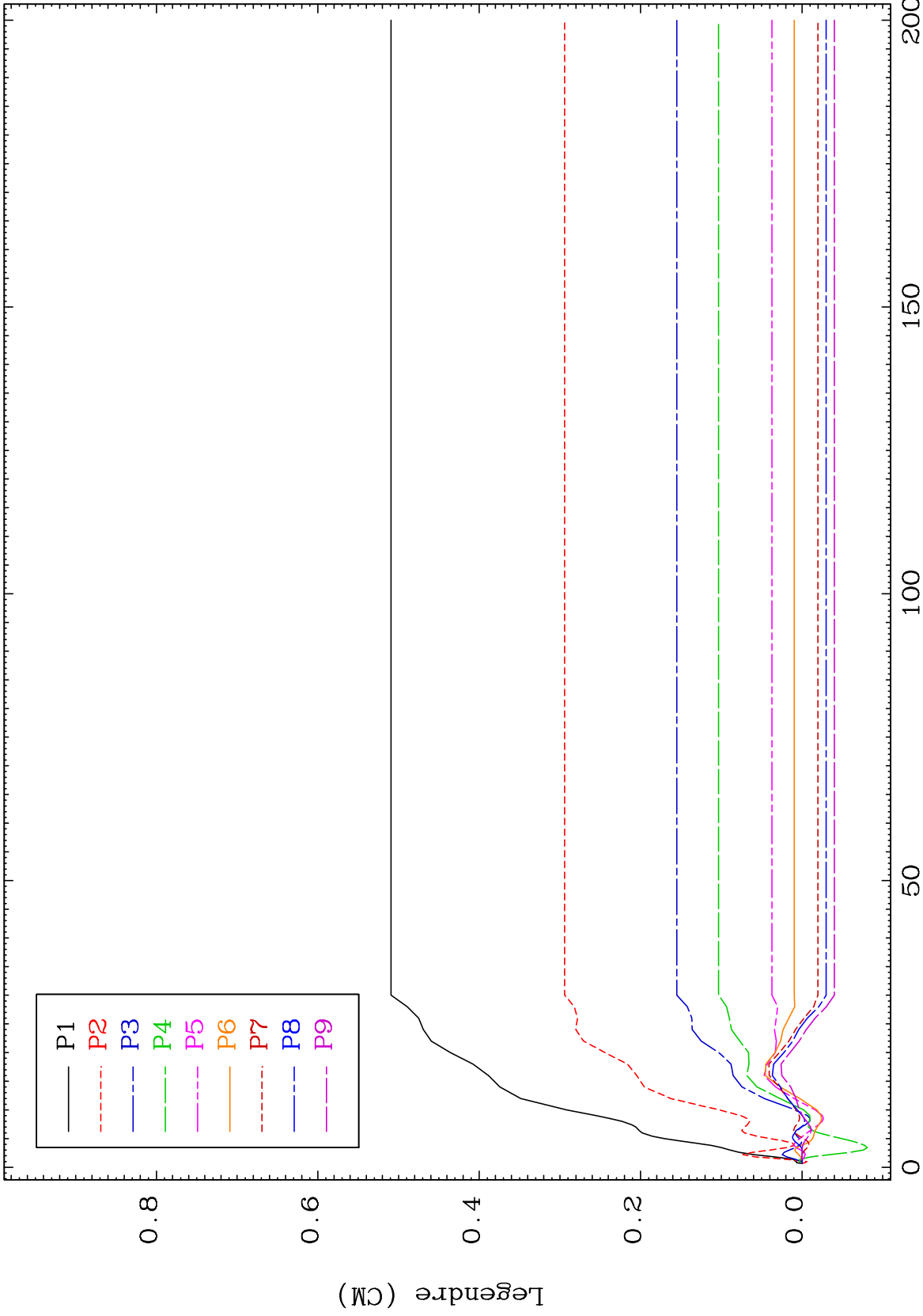
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62-Sm-149

MAT 6240

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

62-Sm-149



48

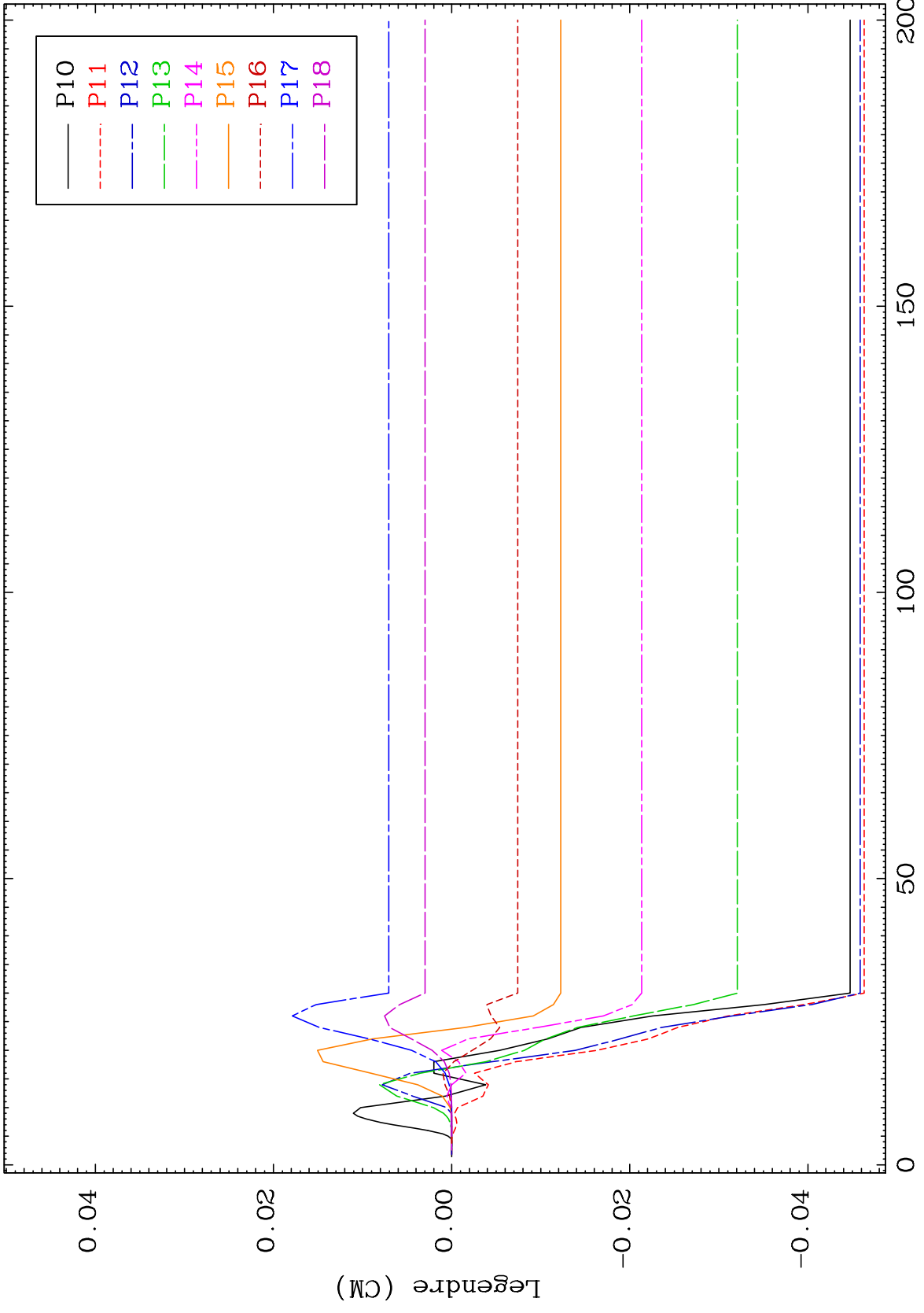
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



49

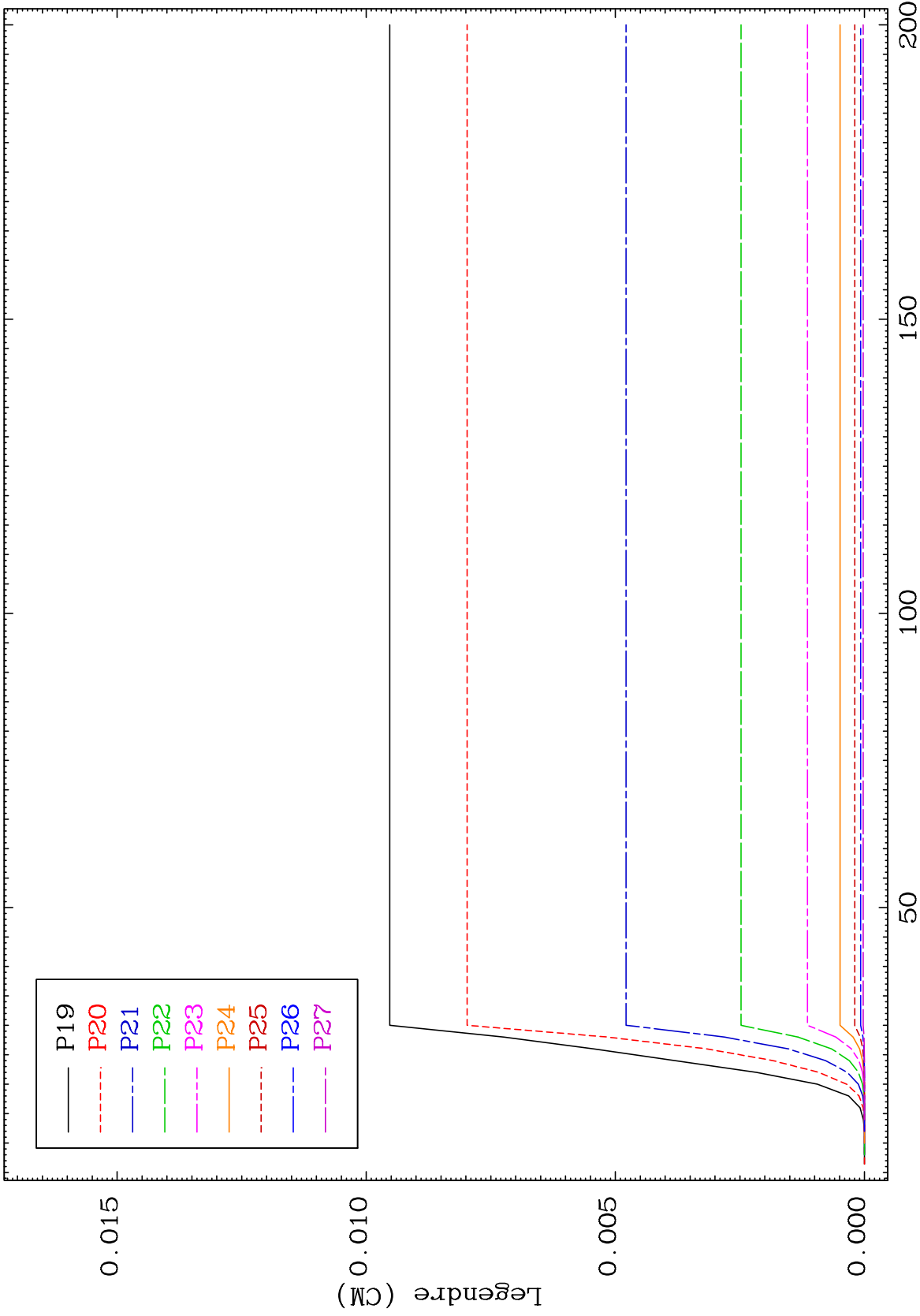
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



50

50

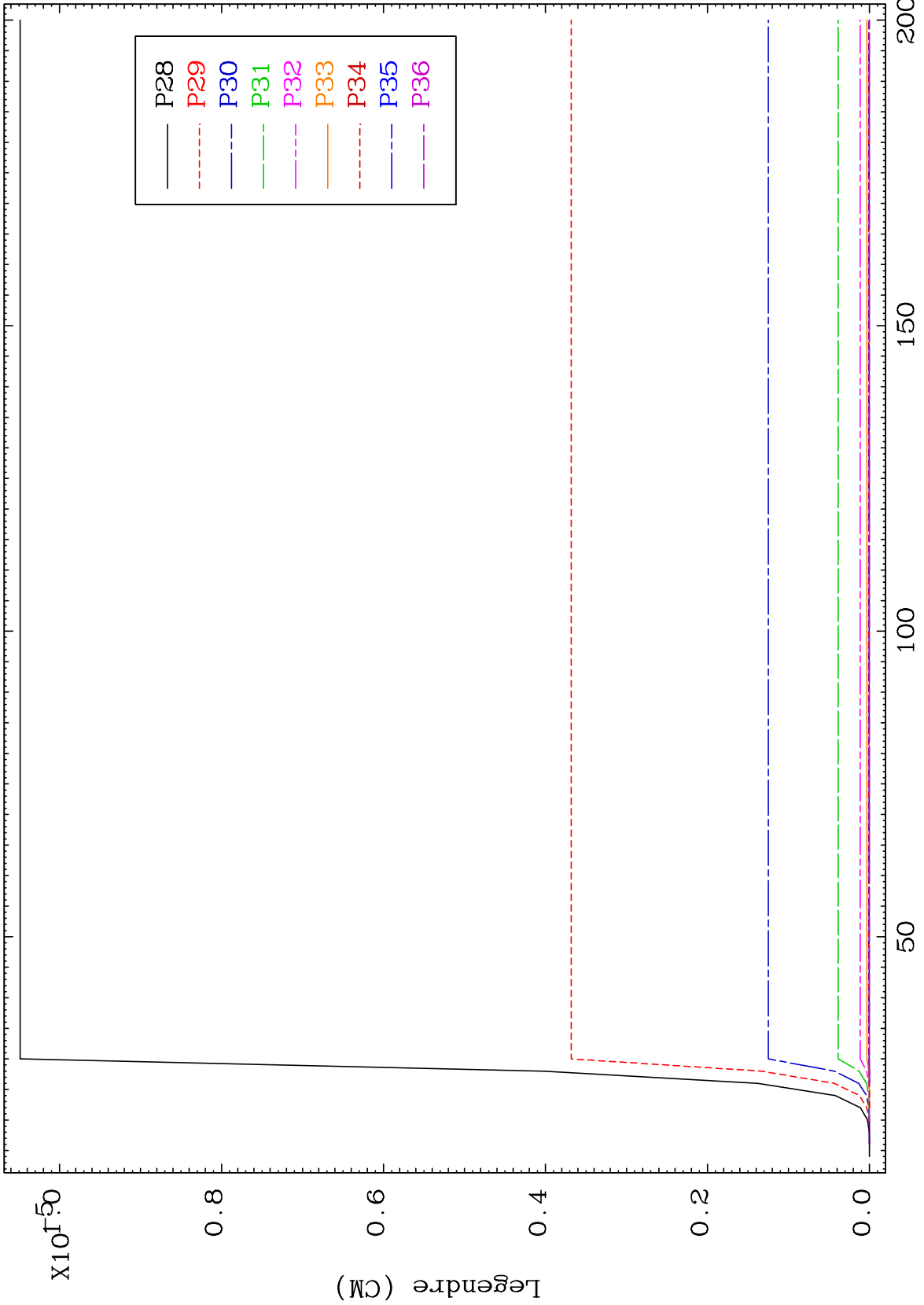
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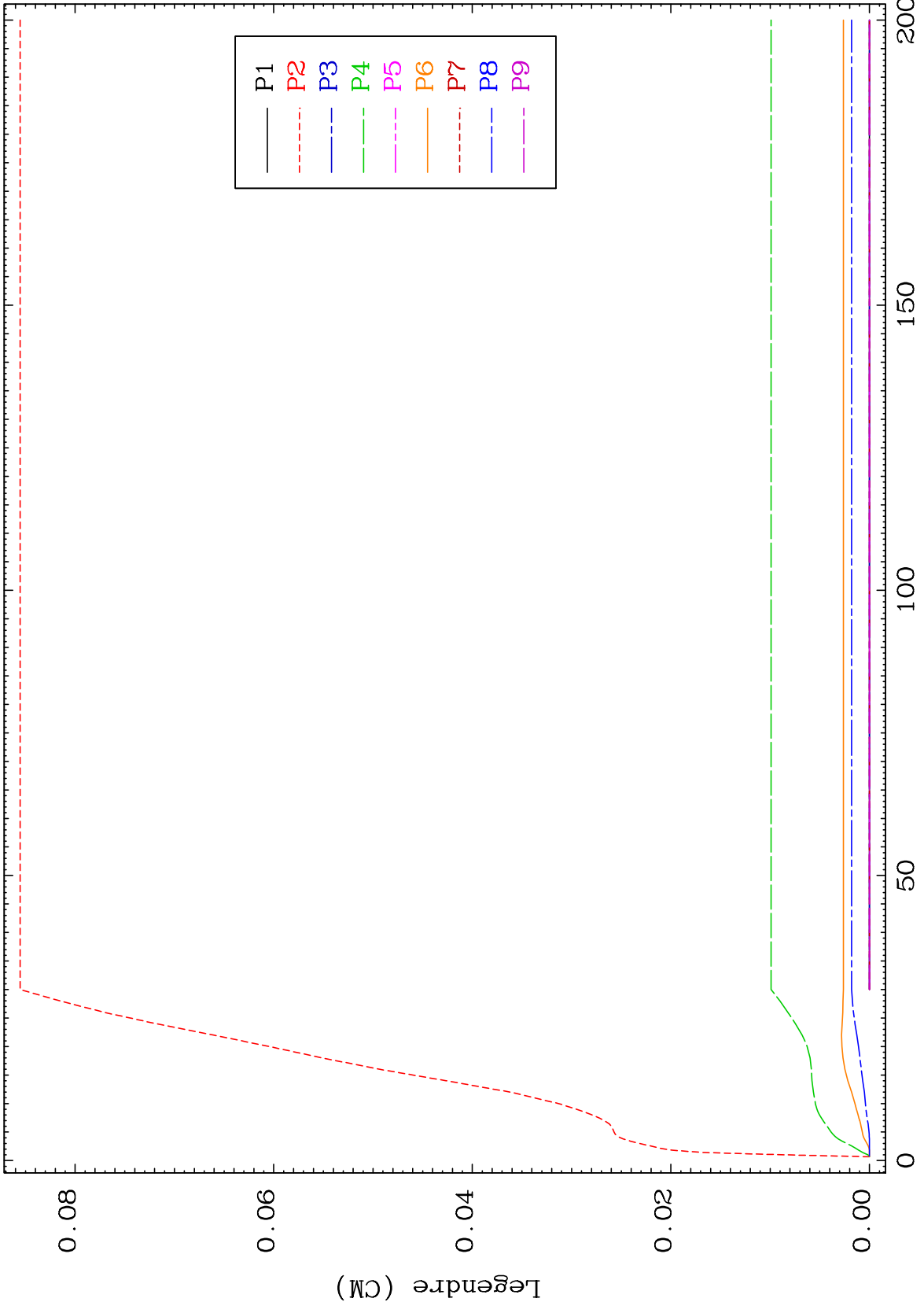
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Incident Energy (MeV)

62-Sm-149



MAT 6240 MT= 60 (n,n') Level Legendre Coefficients 62-Sm-149

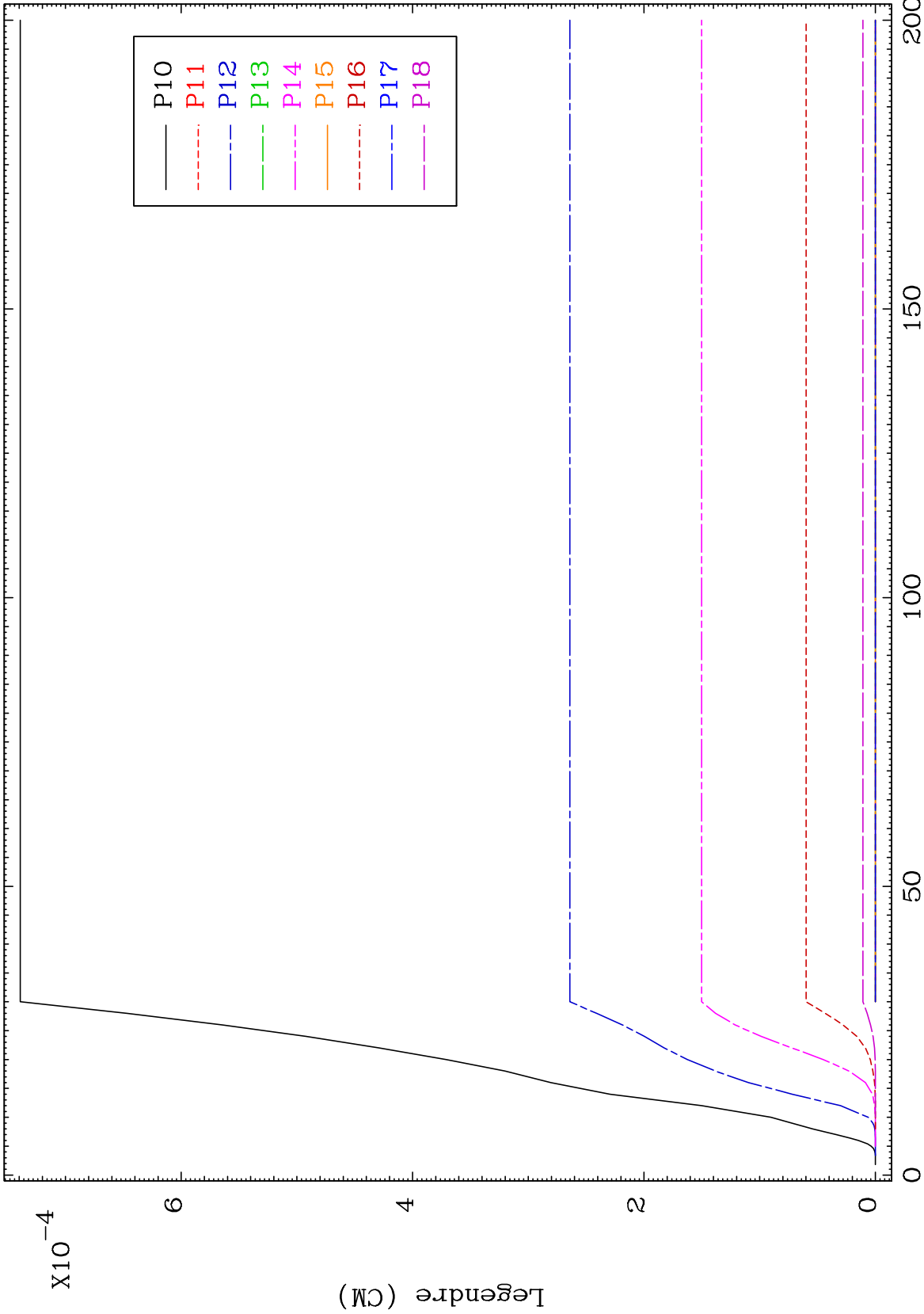


52 62-Sm-149

MAT 6240

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

62-Sm-149



53

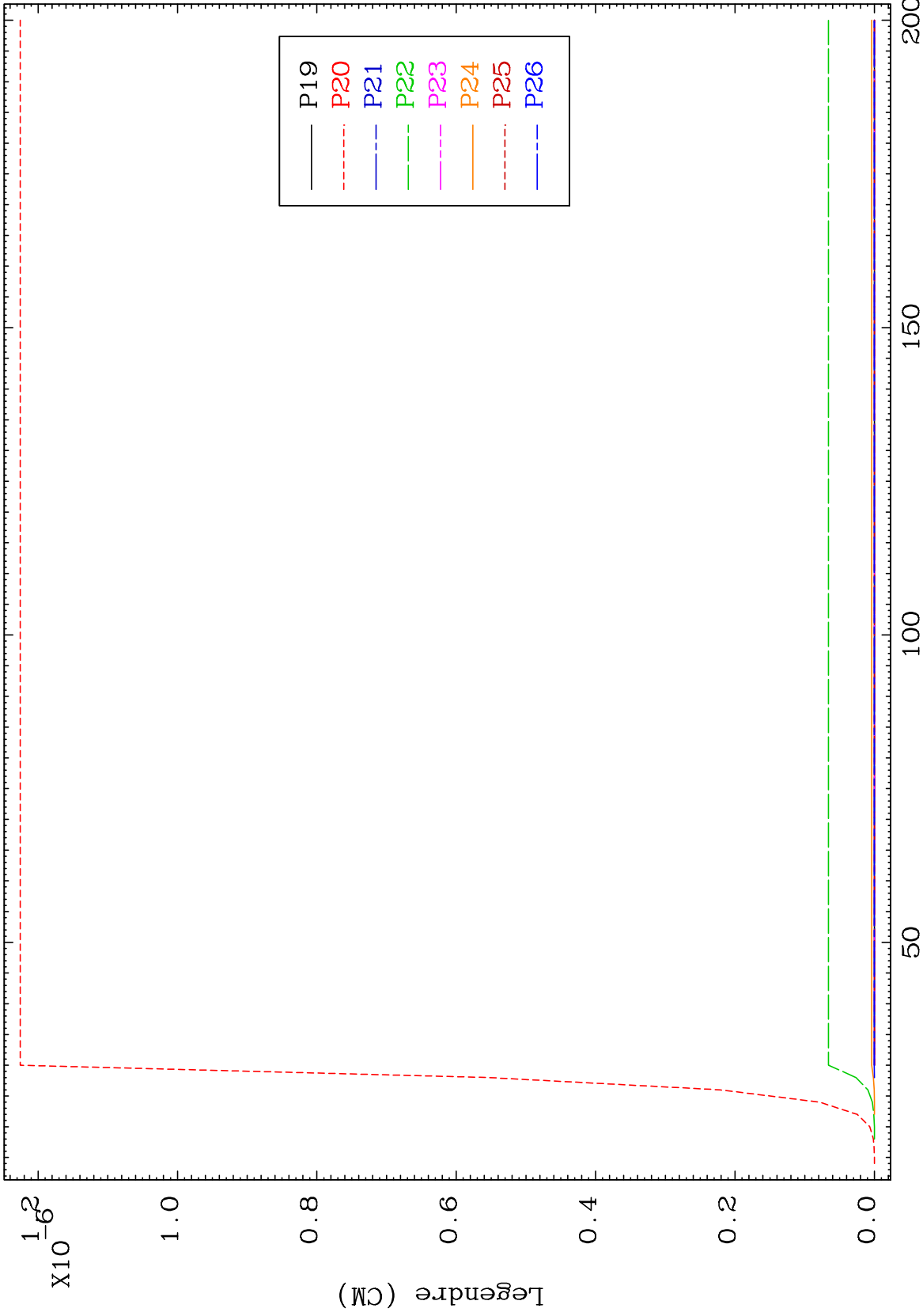
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



62-Sm-149

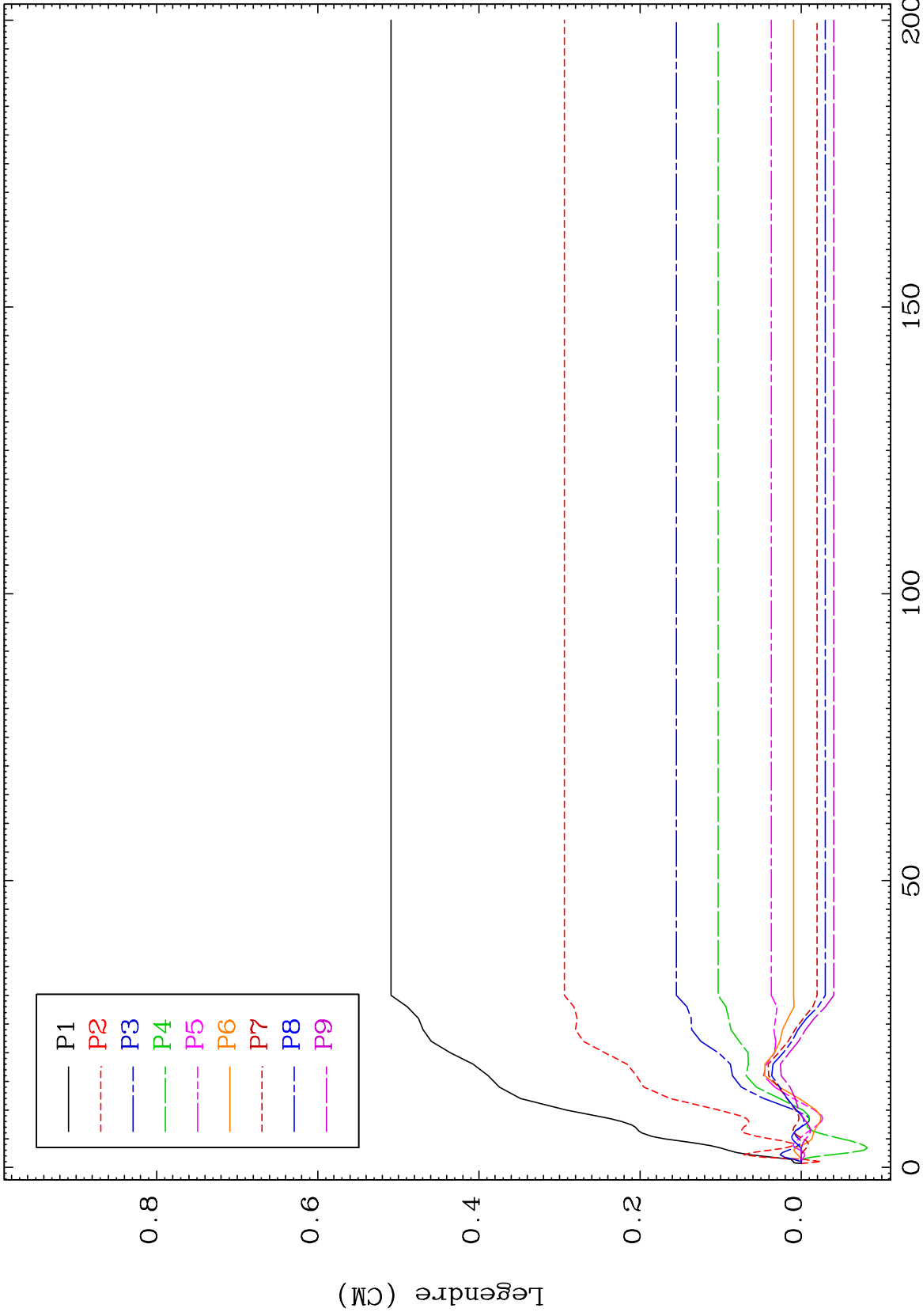
Incident Energy (MeV)

54

MAT 6240

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

62-Sm-149



62-Sm-149

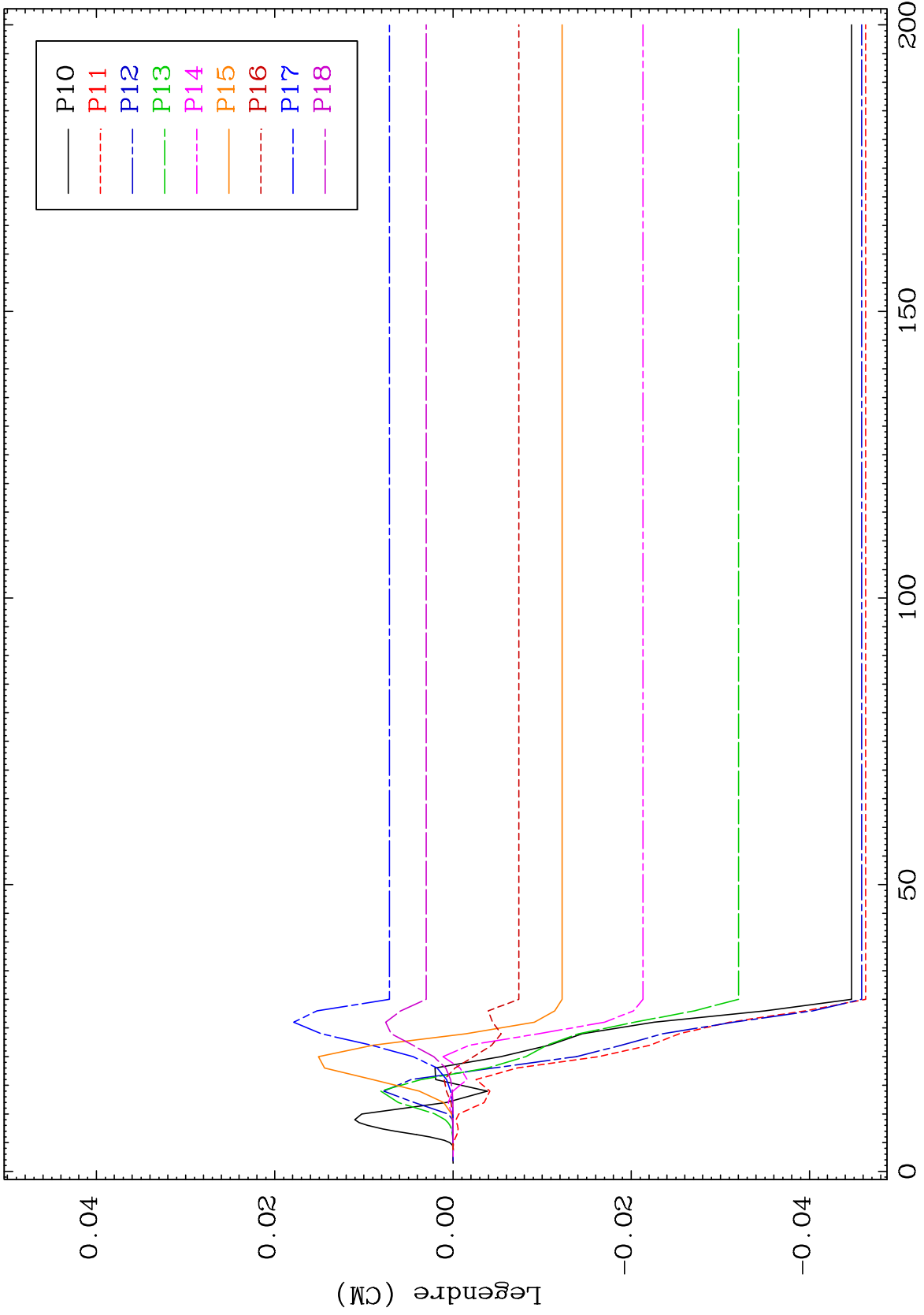
Incident Energy (MeV)

55

MAT 6240

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

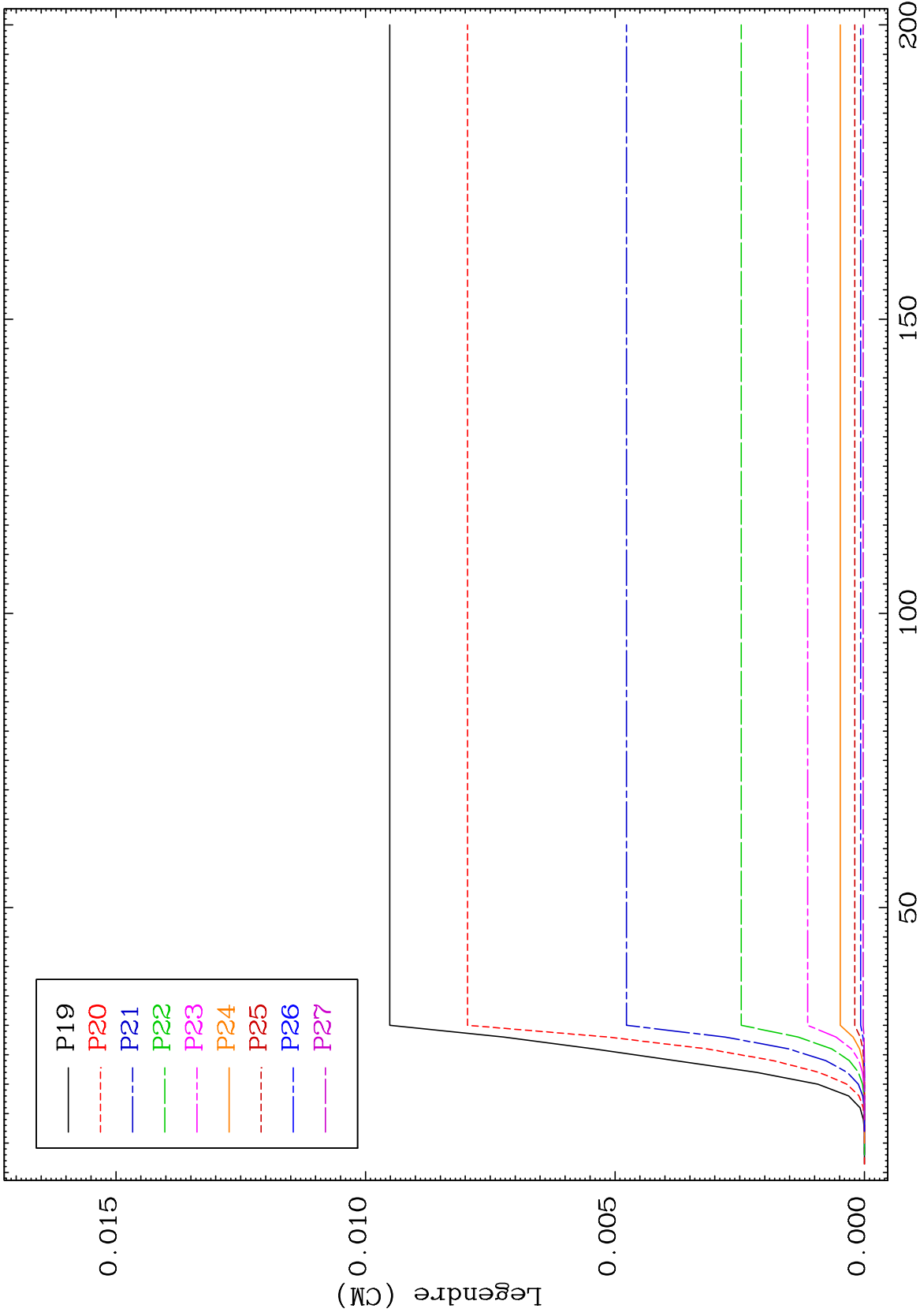
62-Sm-149



56

Incident Energy (MeV)

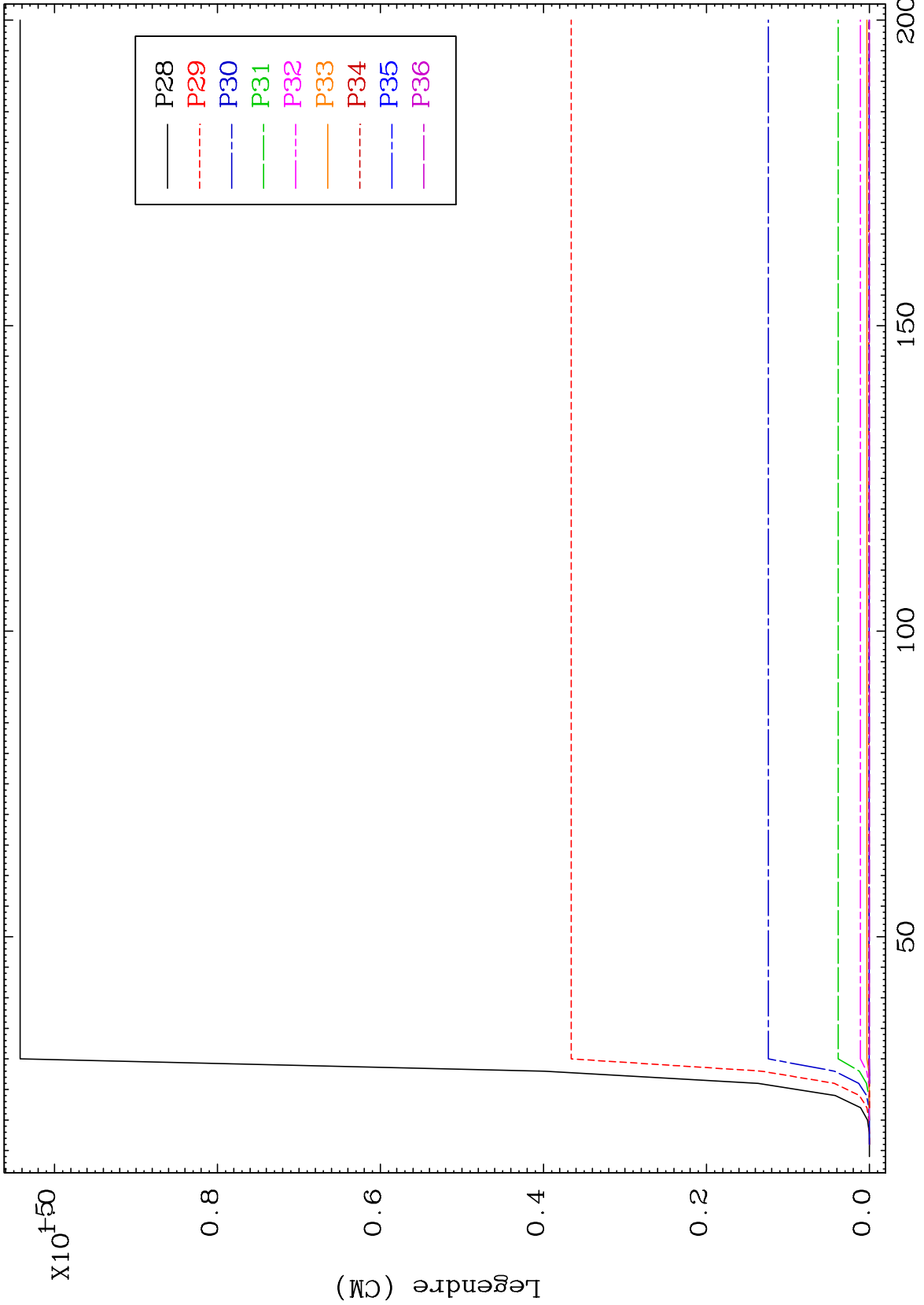
62-Sm-149



MAT 6240

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

62-Sm-149



58

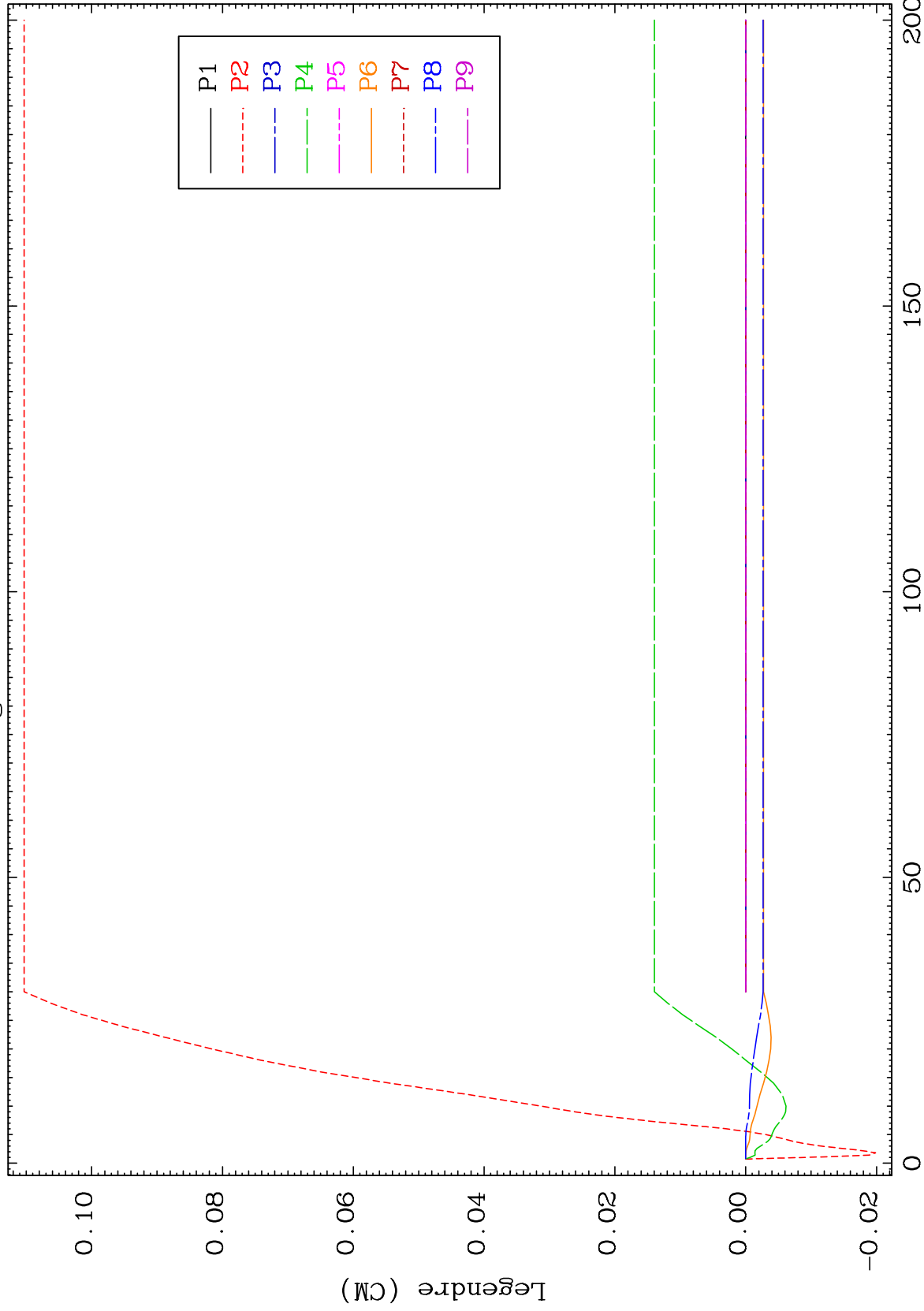
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



59

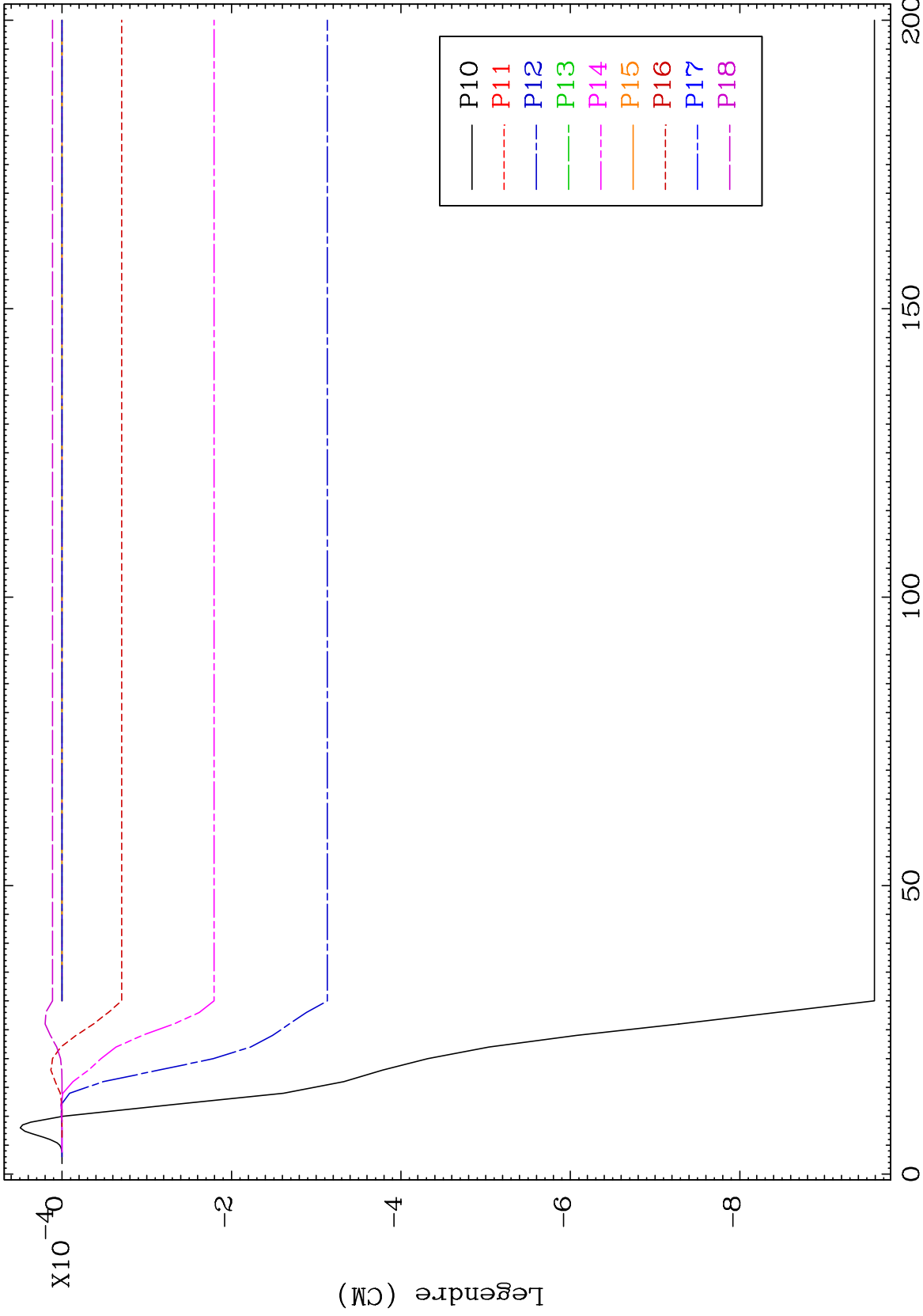
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149

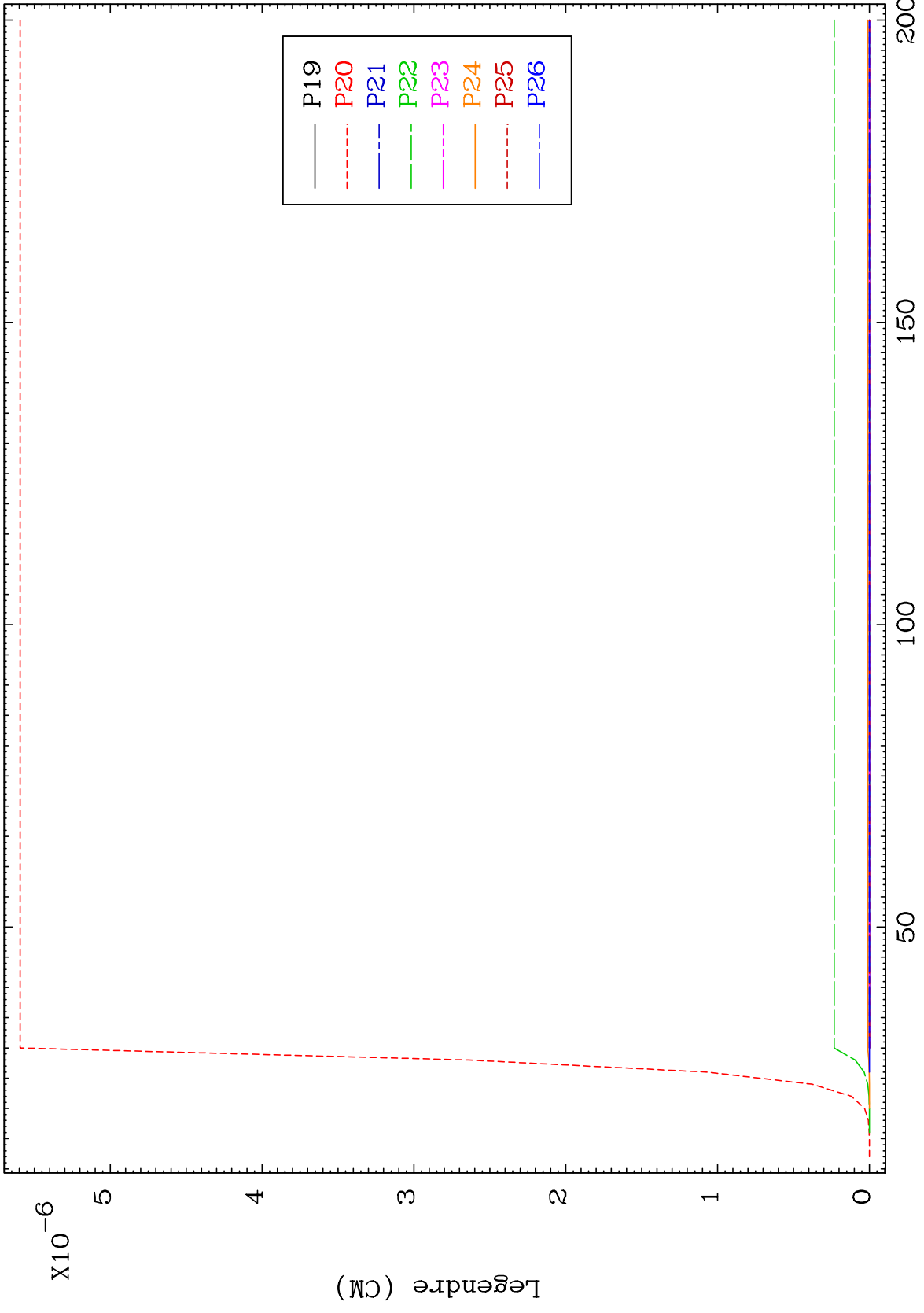


60

Incident Energy (MeV)

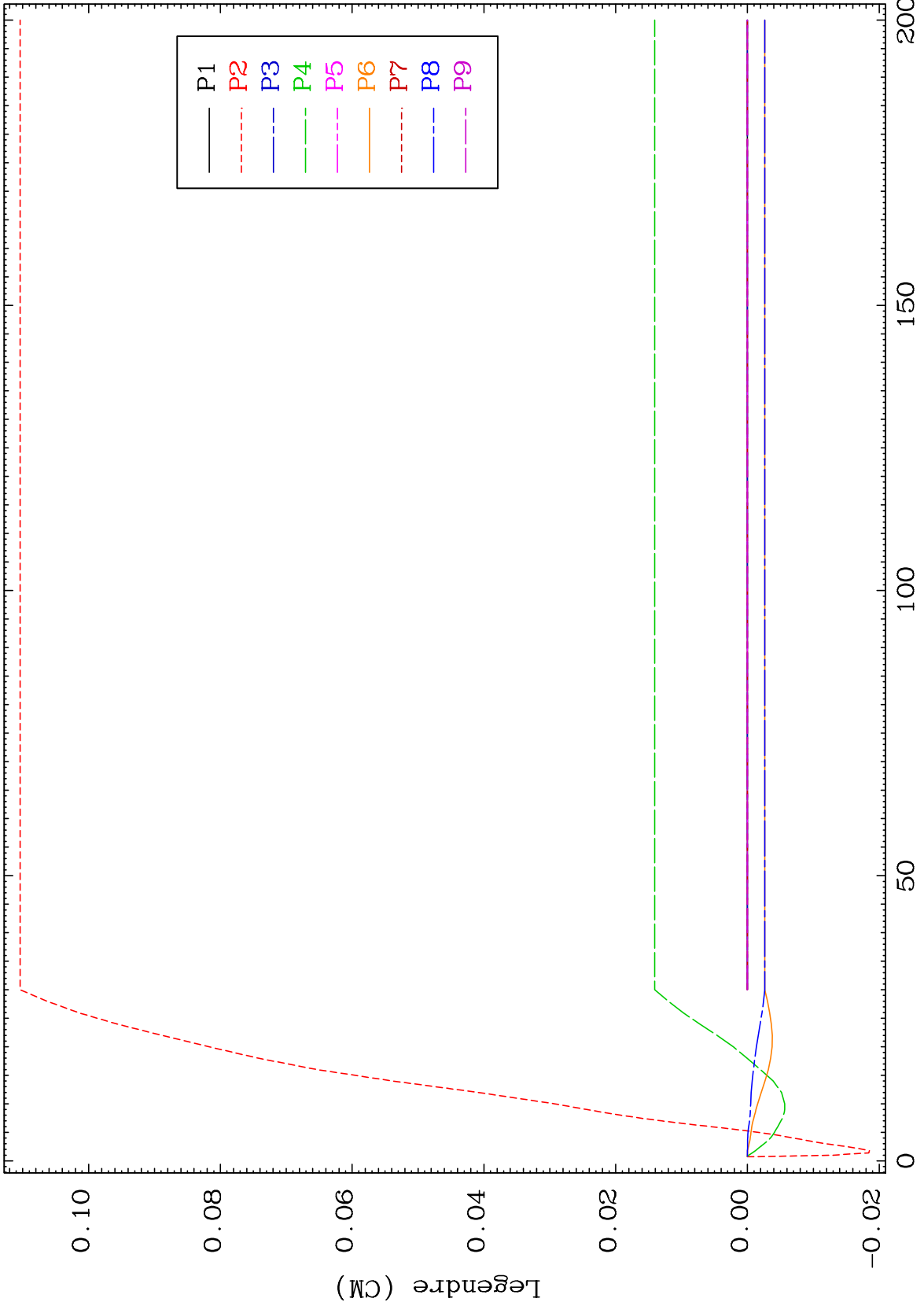
62-Sm-149

MAT 6240 MT= 62 (n,n') Level Legendre Coefficients 62-Sm-149



61 Incident Energy (MeV) 62-Sm-149

MAT 6240 MT= 63 (n, n') Level Legendre Coefficients 62-Sm-149

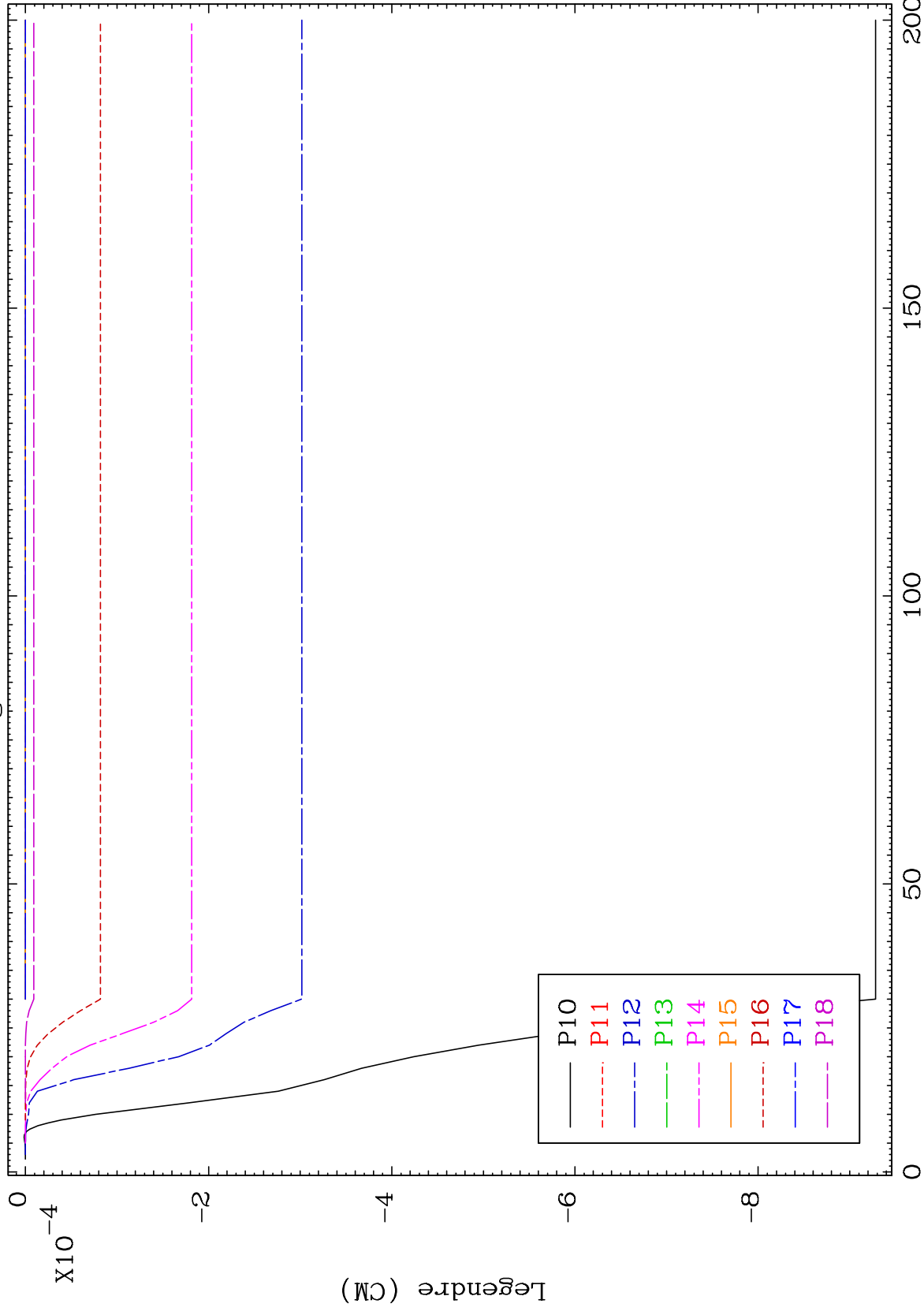


62-Sm-149

MAT 6240

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

62-Sm-149

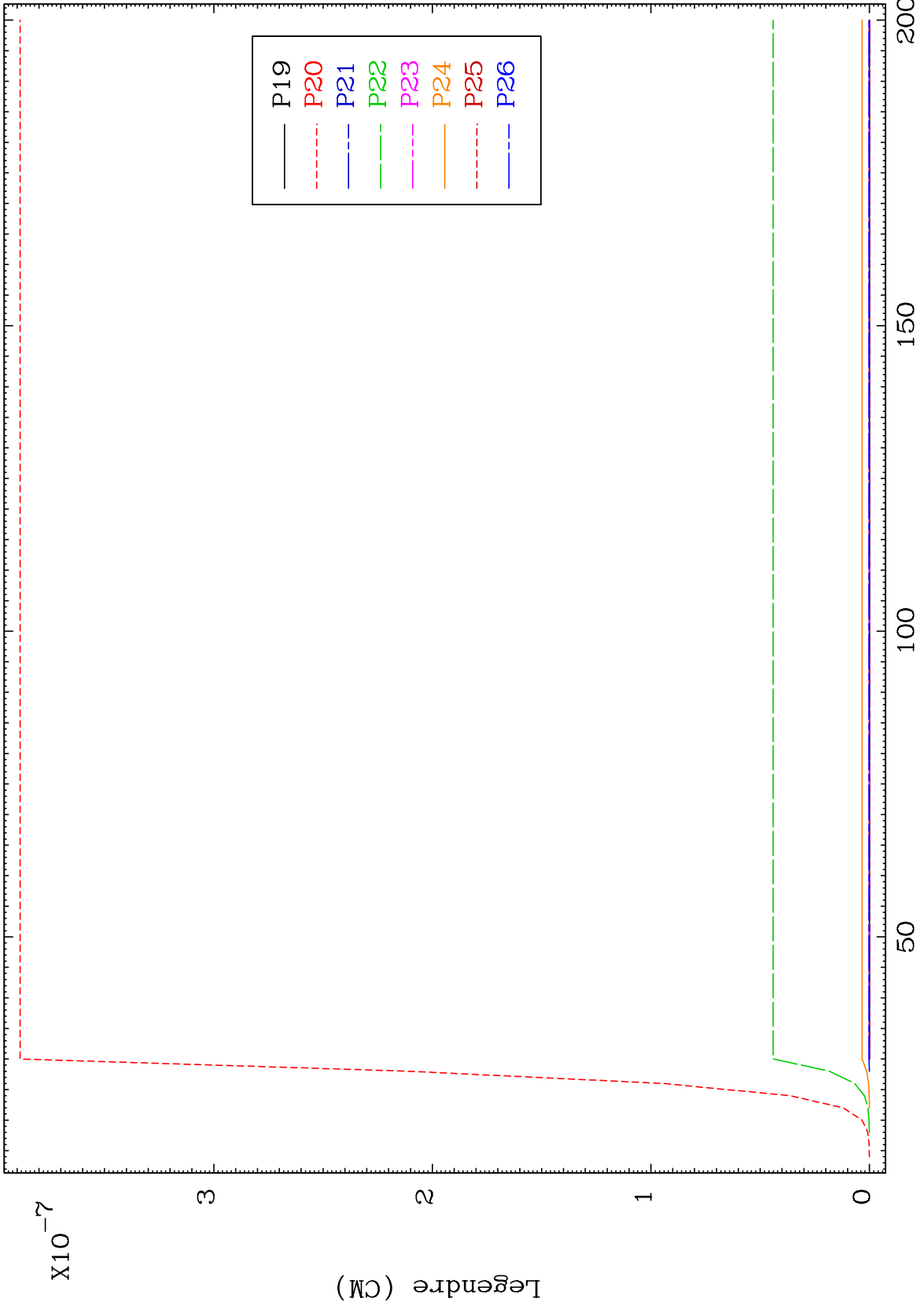


62-Sm-149

Incident Energy (MeV)

63

MAT 6240 MT= 63 (n,n') Level Legendre Coefficients 62-Sm-149

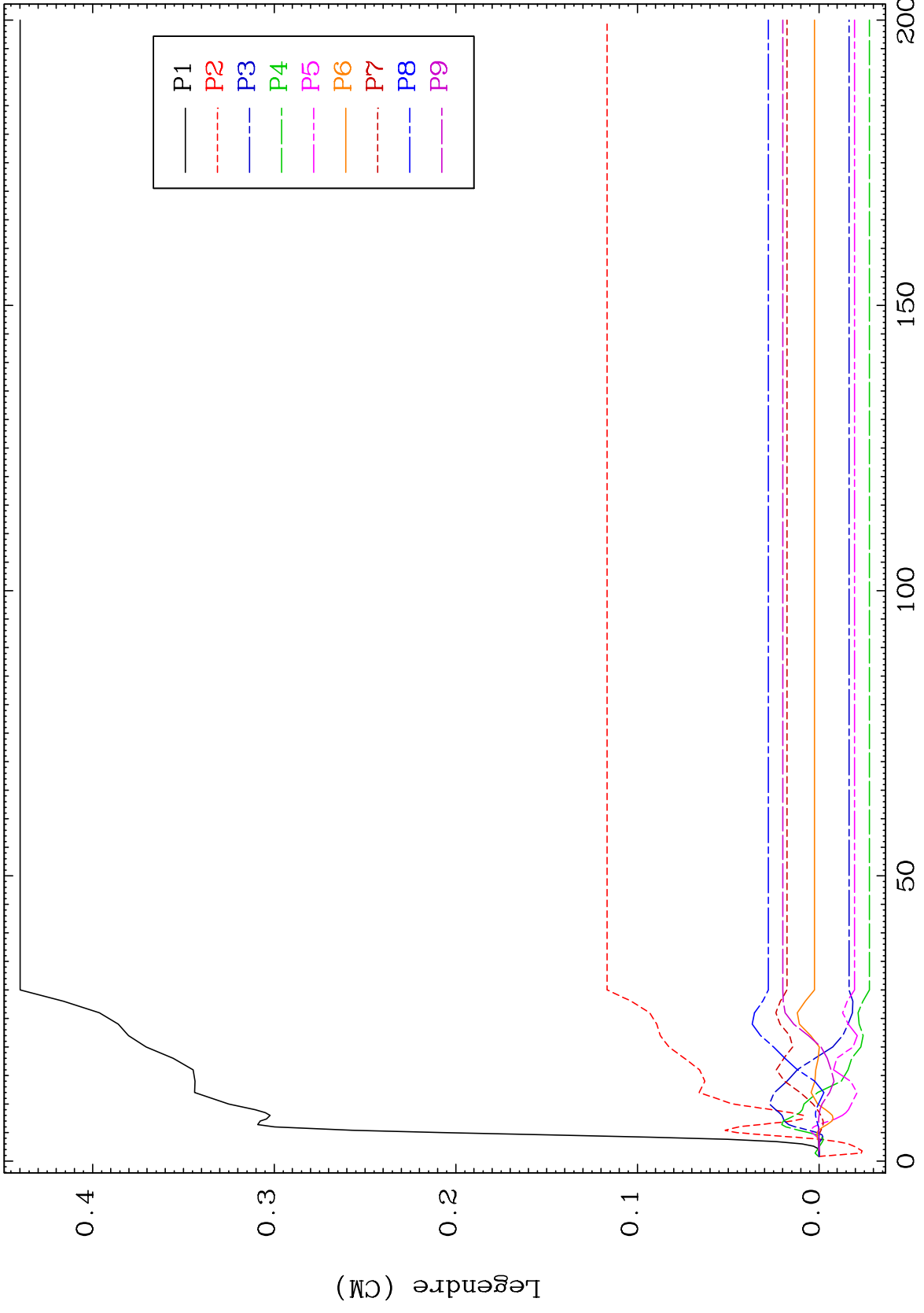


64 Incident Energy (MeV) 62-Sm-149

MAT 6240

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

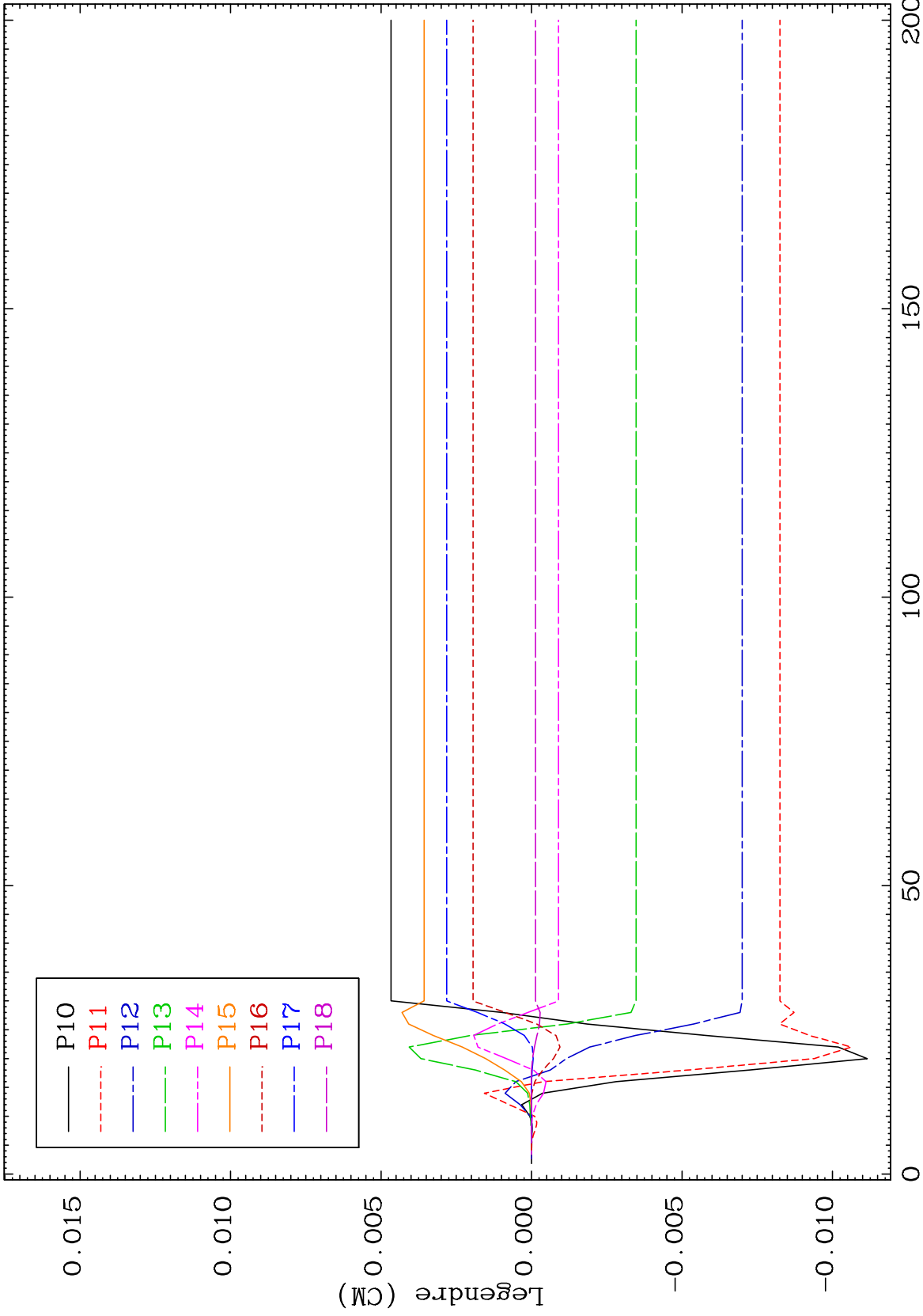
62-Sm-149



65

Incident Energy (MeV)

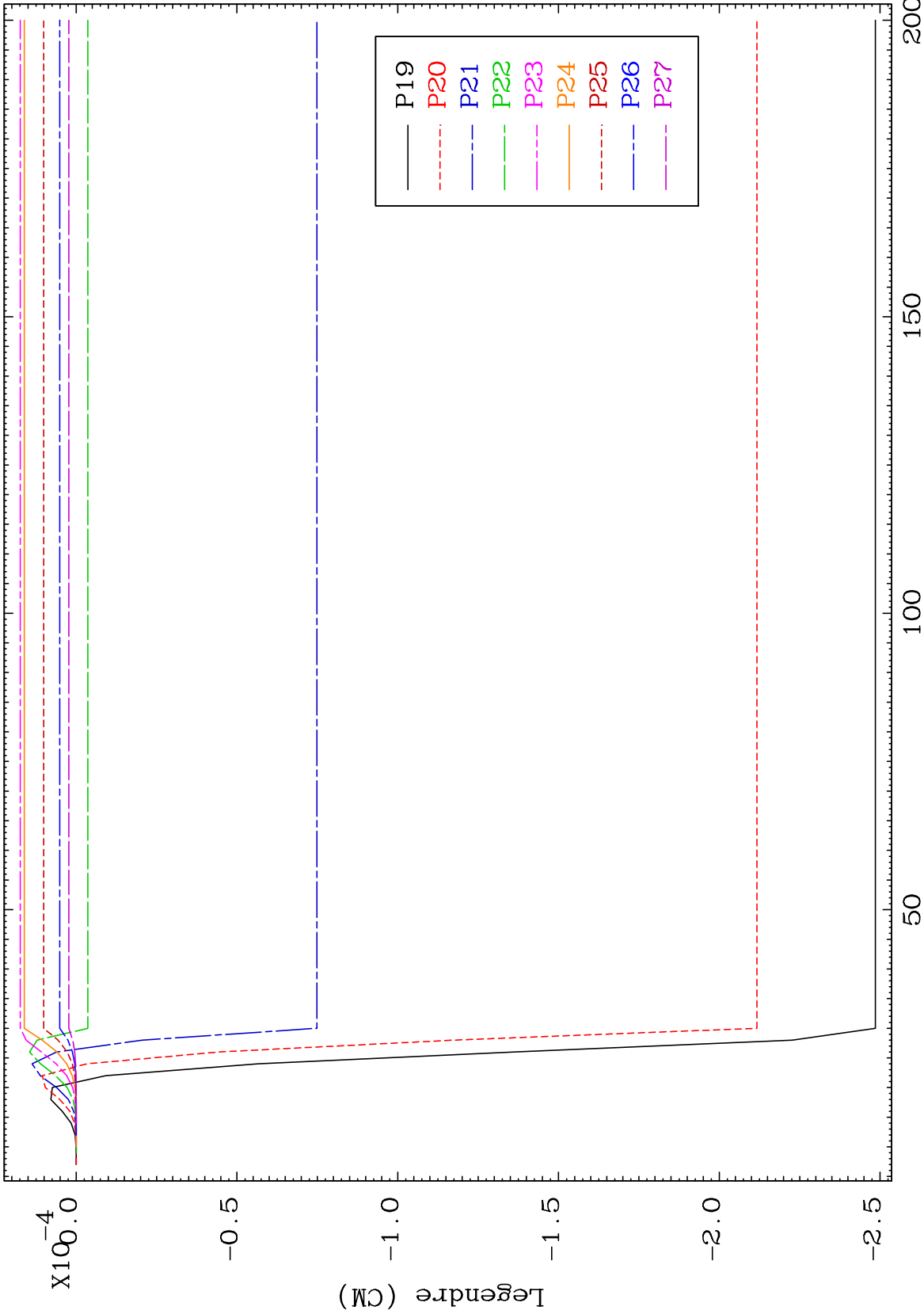
62-Sm-149



MAT 6240

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

62-Sm-149



62-Sm-149

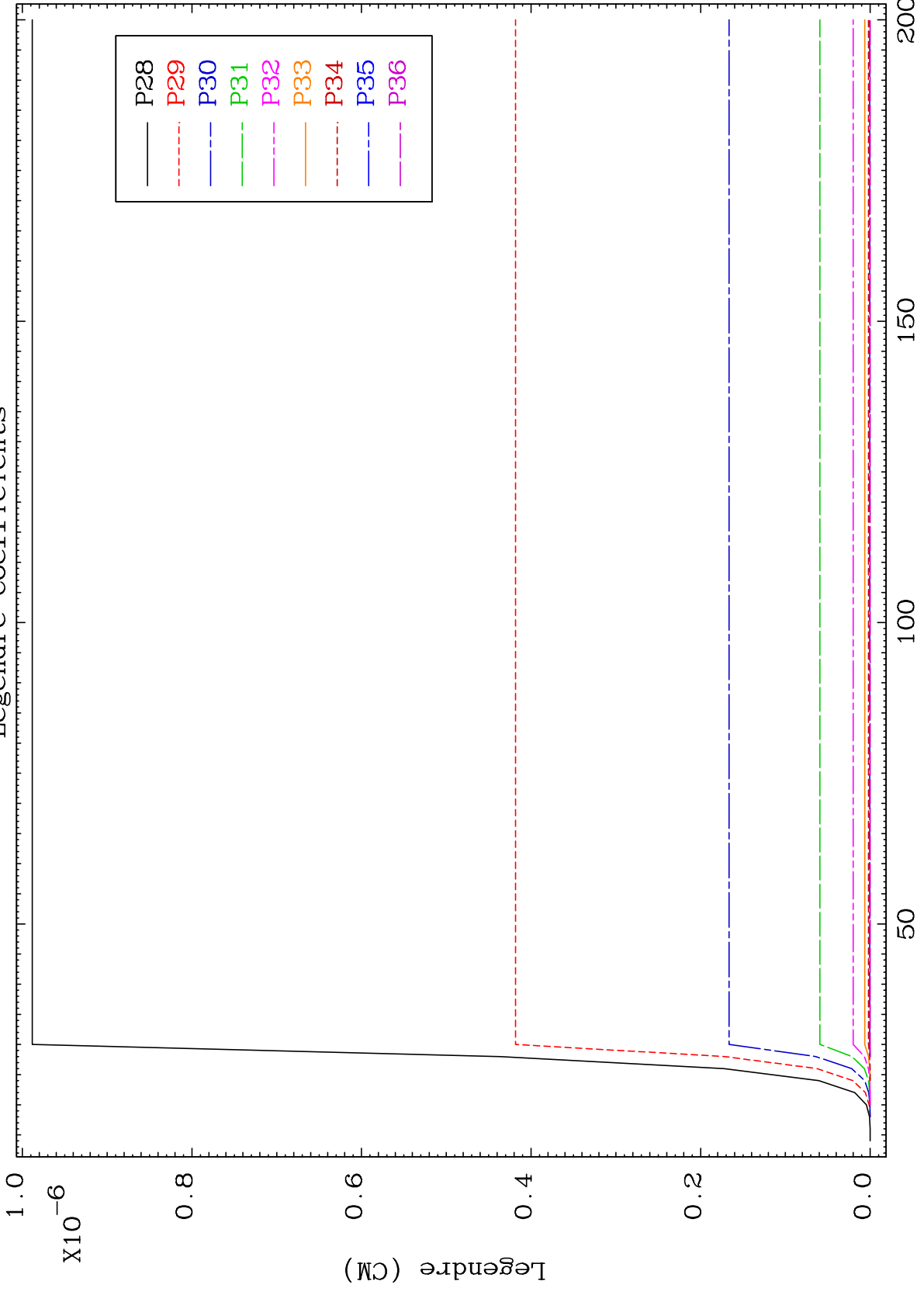
Incident Energy (MeV)

67

MAT 6240

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

62-Sm-149

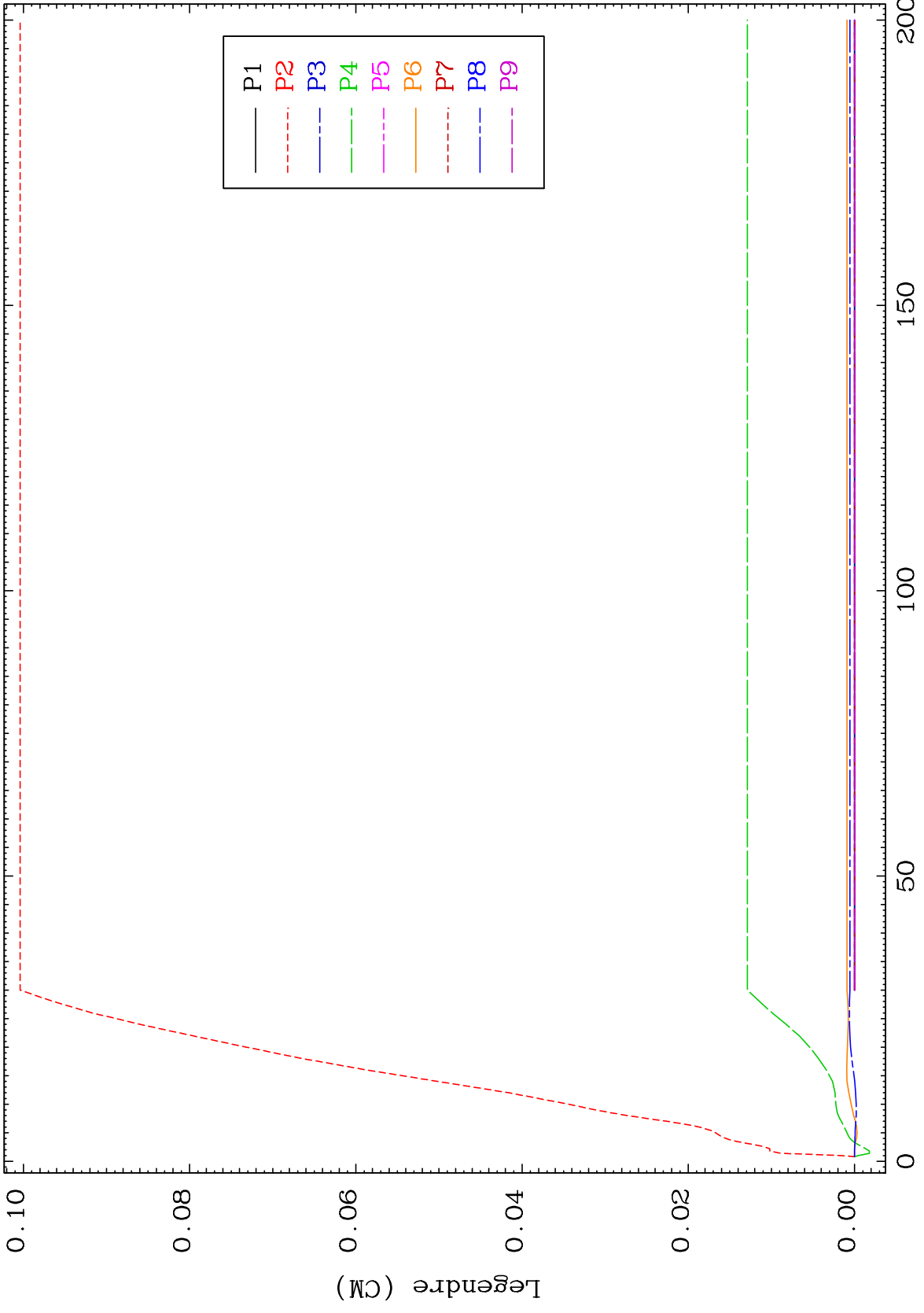


62-Sm-149

Incident Energy (MeV)

68

MAT 6240 MT= 65 (n,n') Level Legendre Coefficients 62-Sm-149

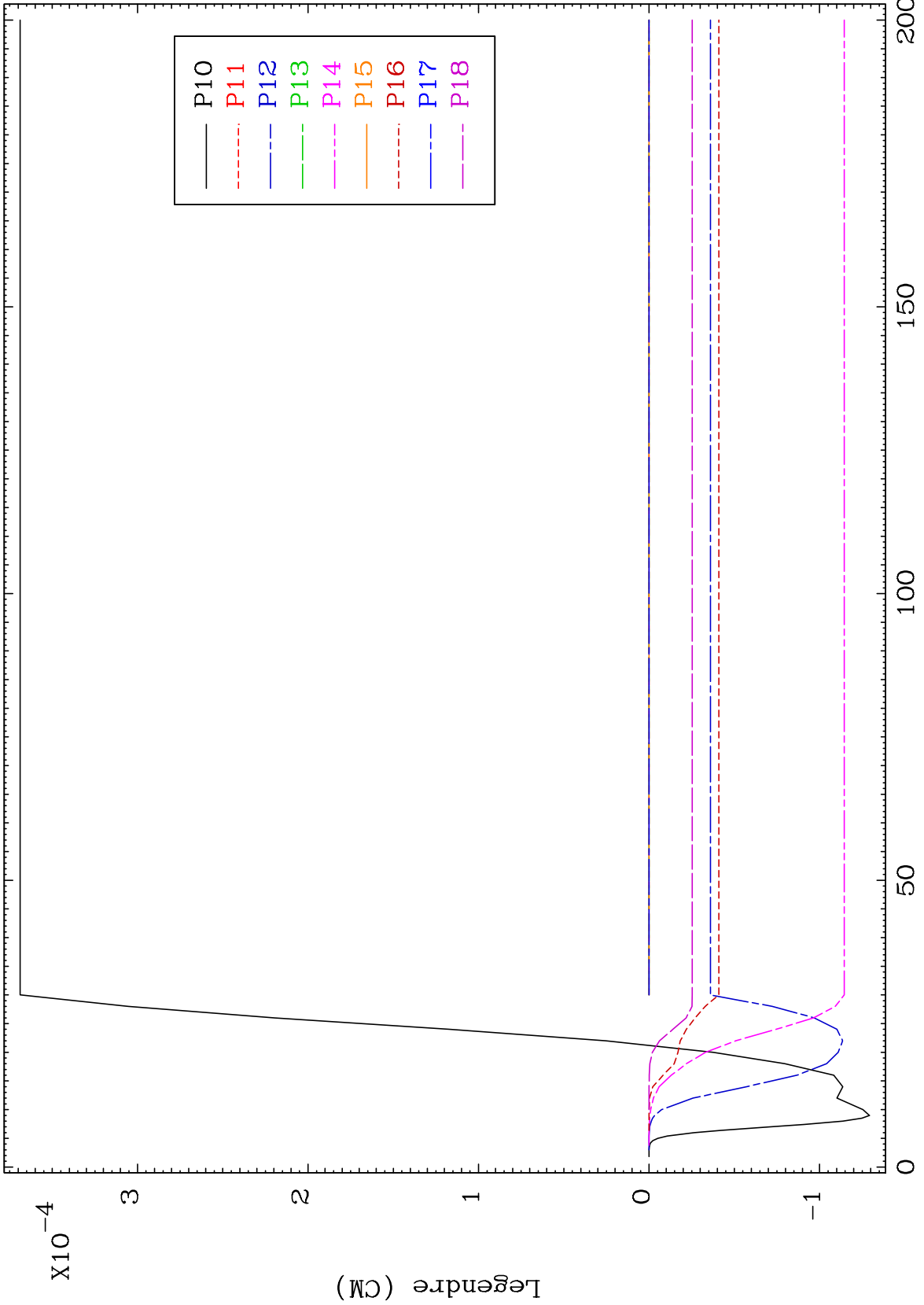


69 62-Sm-149

MAT 6240

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

62-Sm-149



70

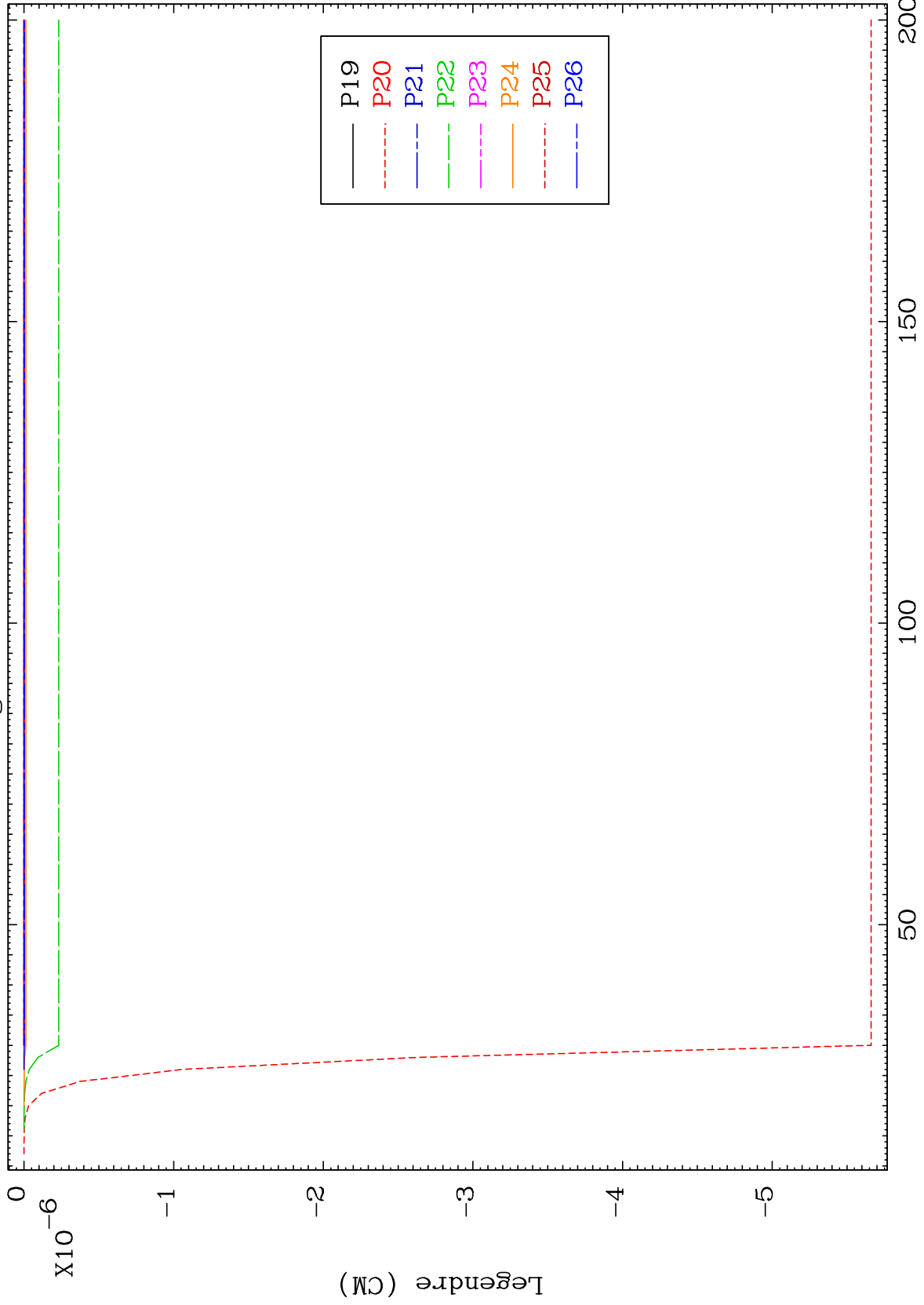
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



62-Sm-149

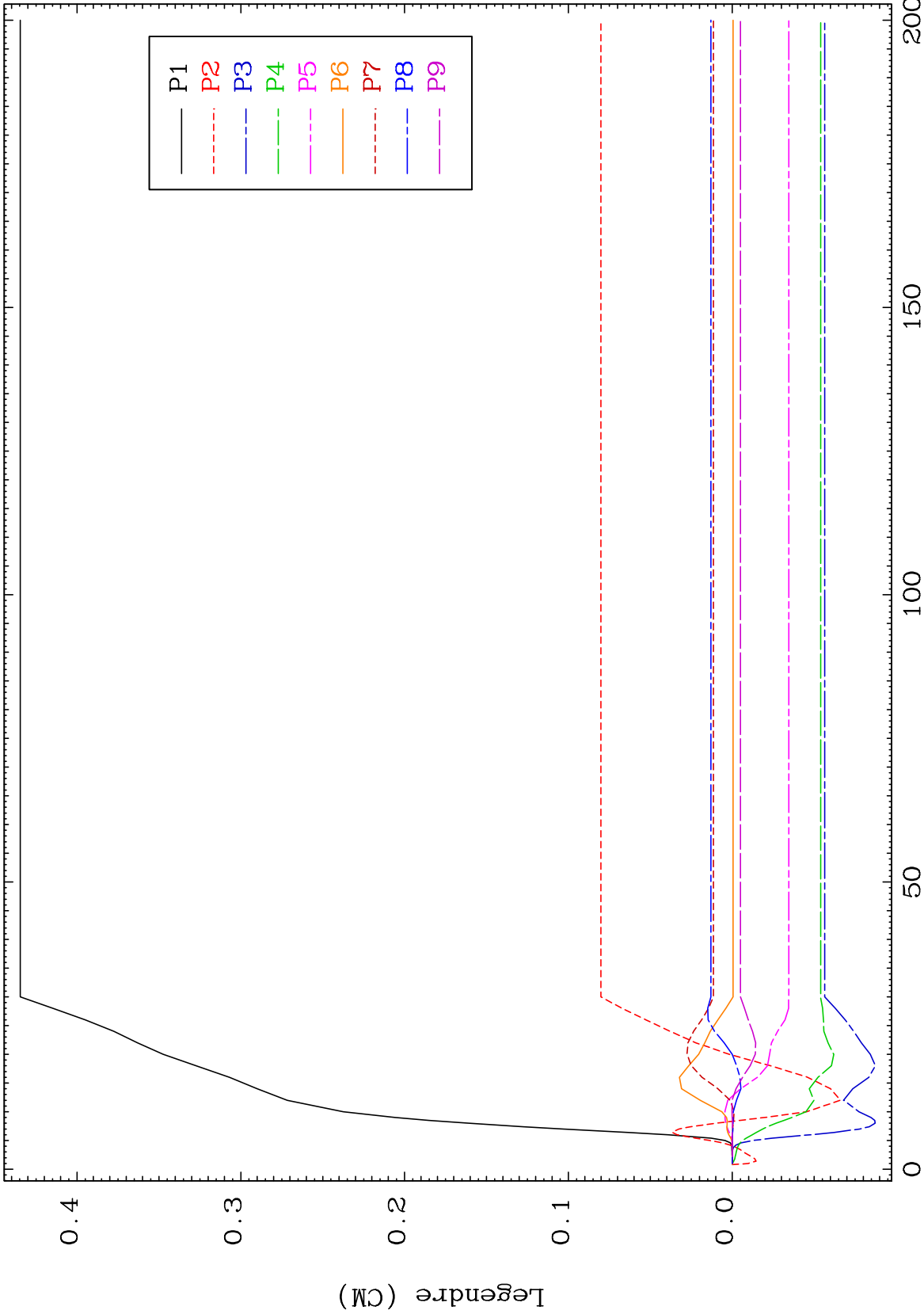
Incident Energy (MeV)

71

MAT 6240

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

62-Sm-149



72

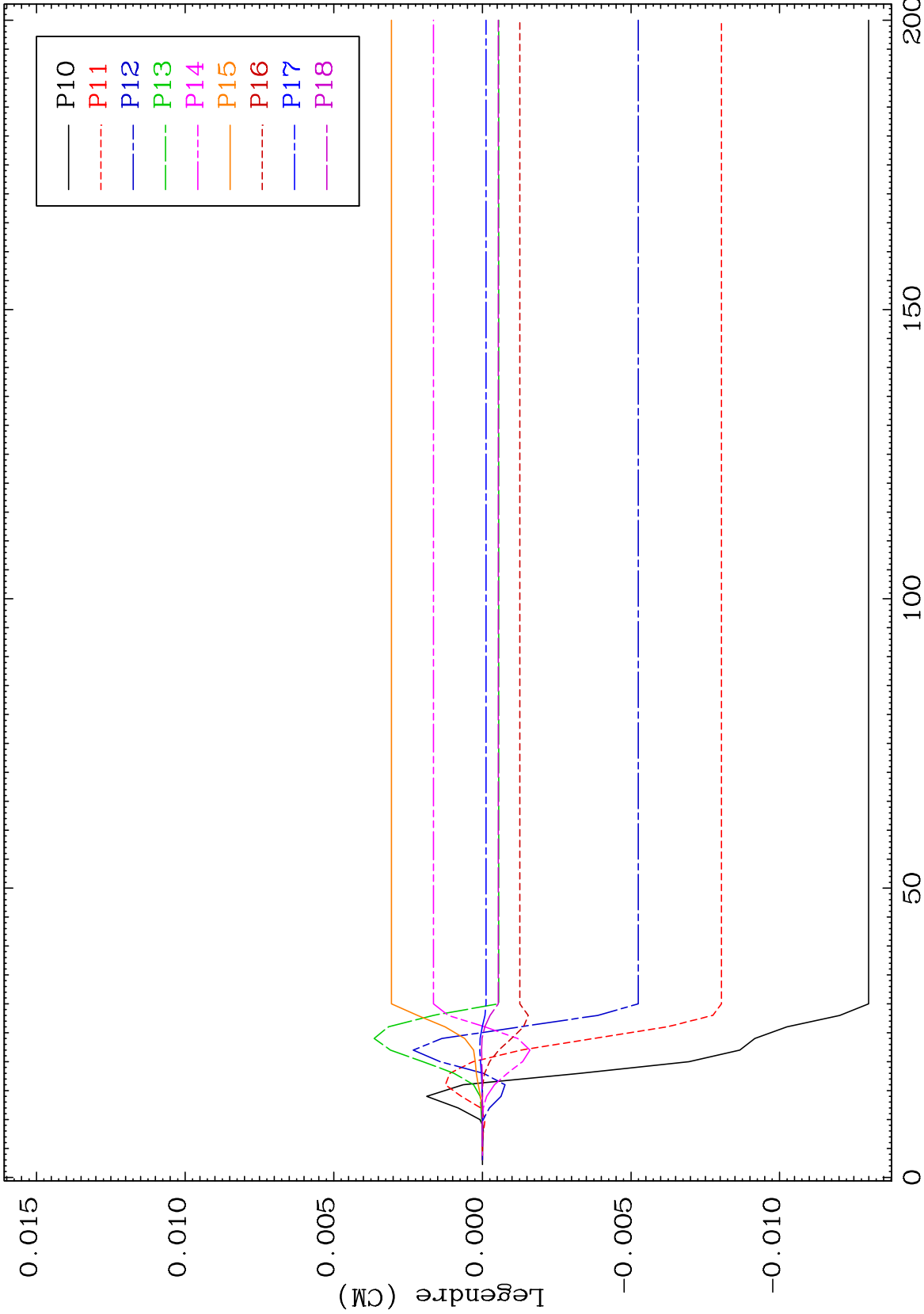
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



73

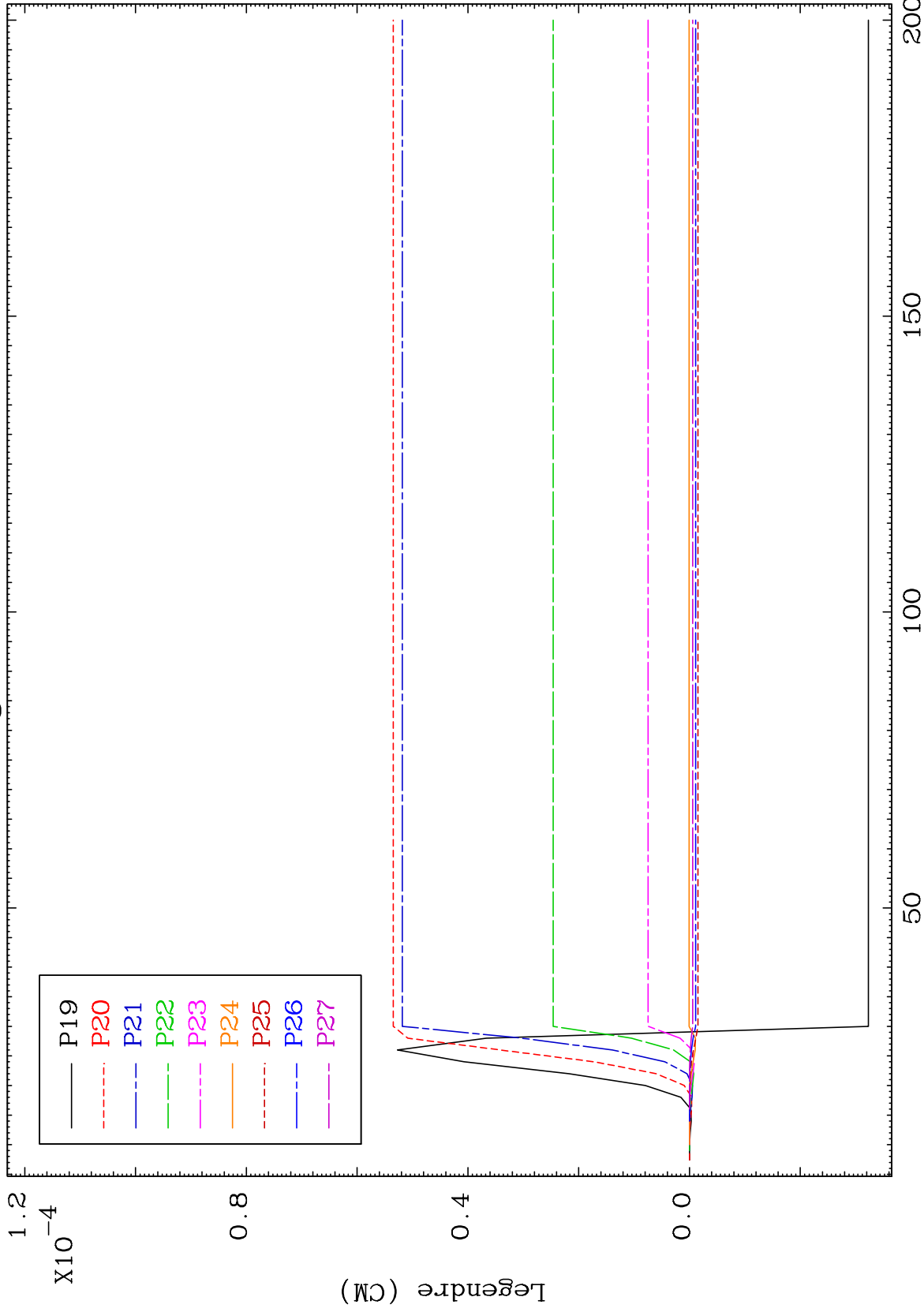
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



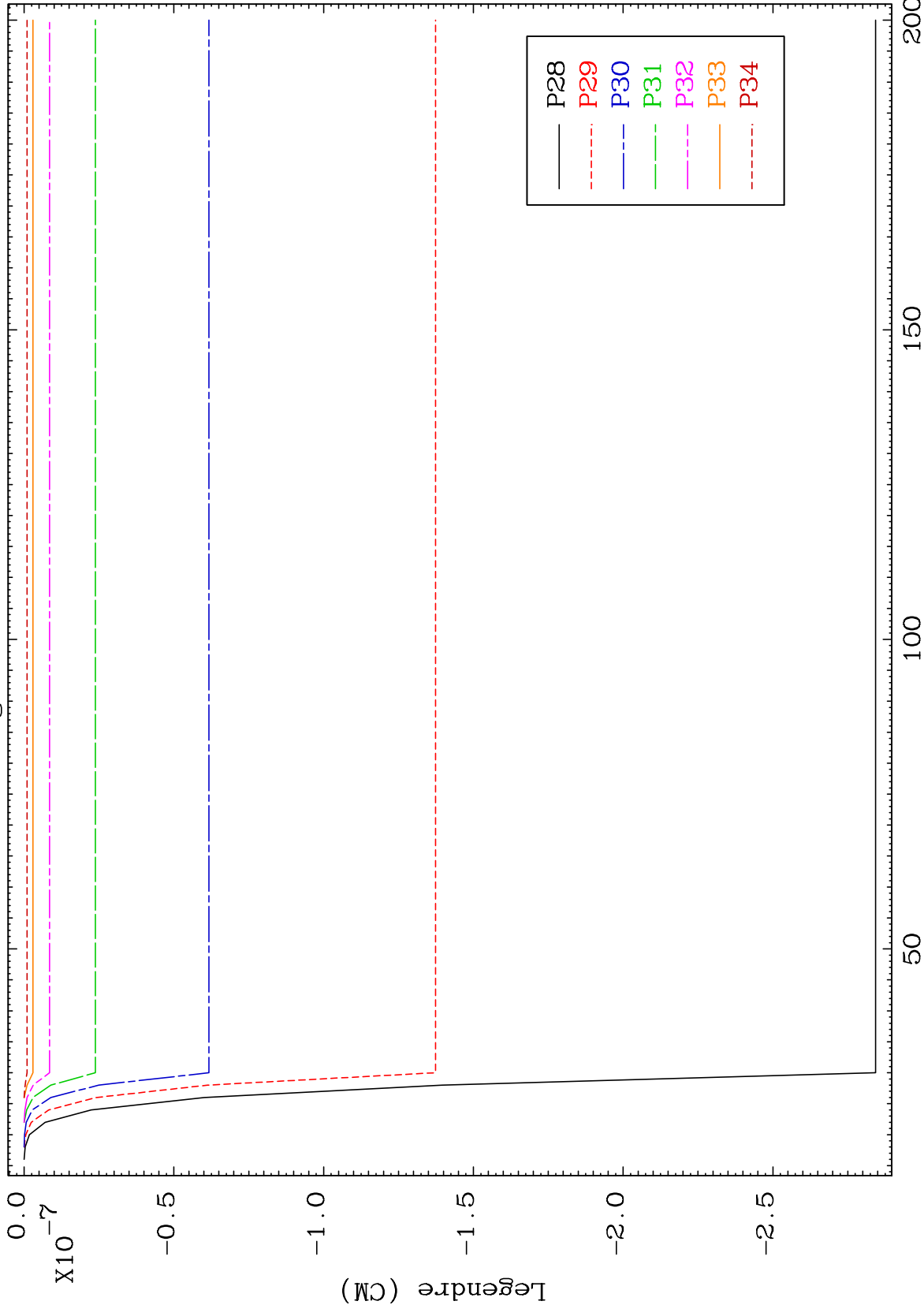
74

62-Sm-149

MAT 6240

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

62-Sm-149



75

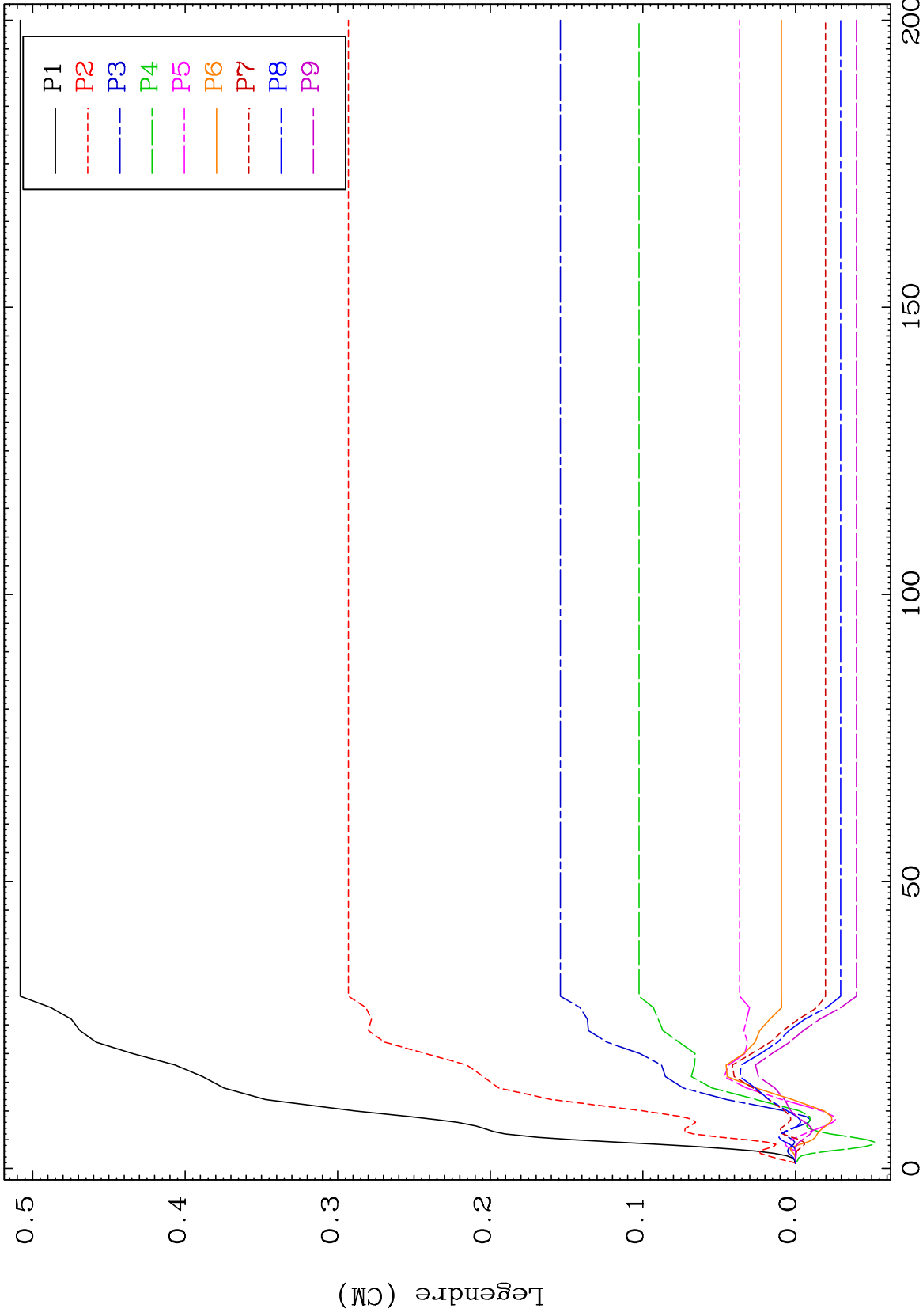
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



62-Sm-149

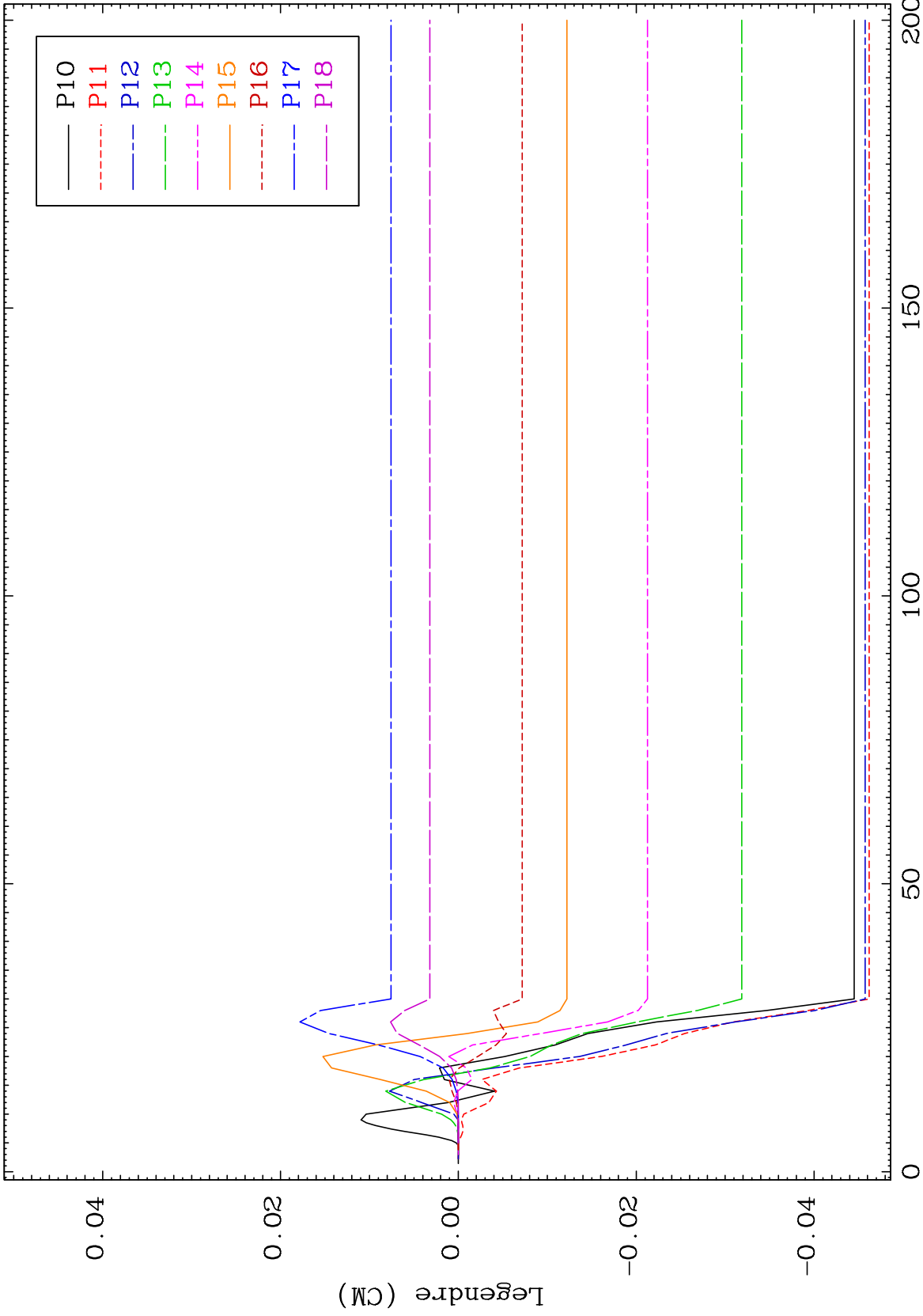
Incident Energy (MeV)

76

MAT 6240

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

62-Sm-149



77

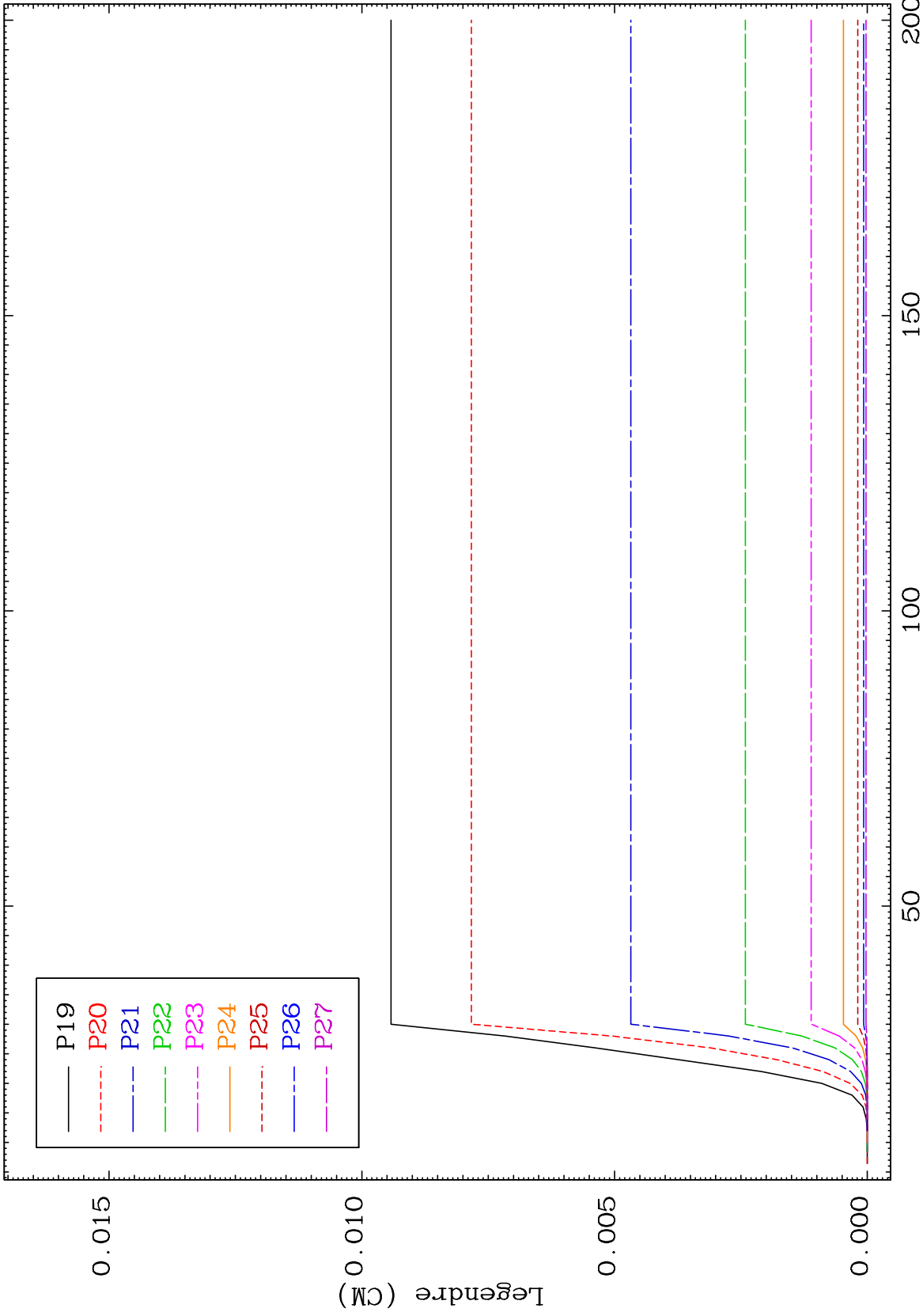
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



78

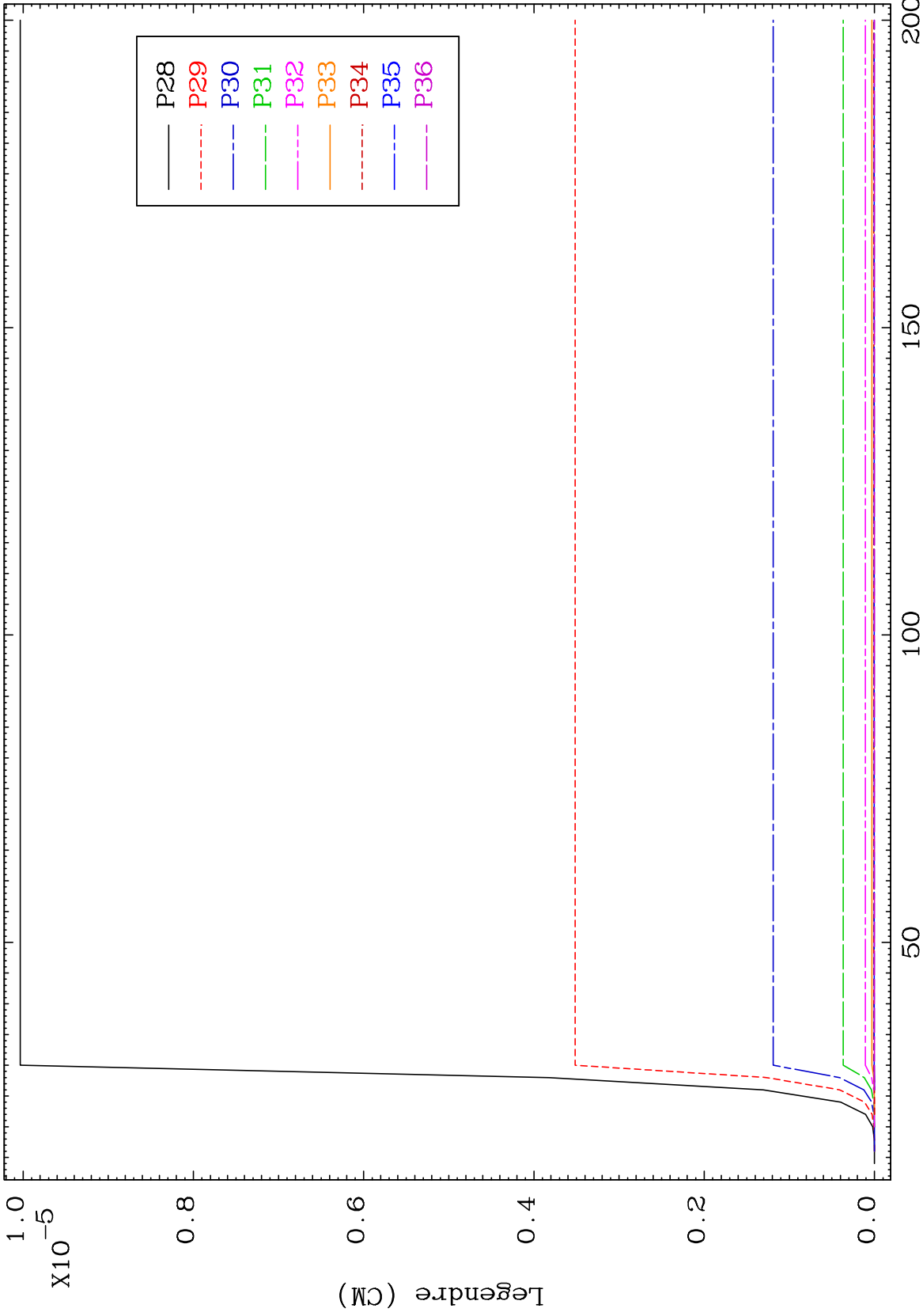
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



79

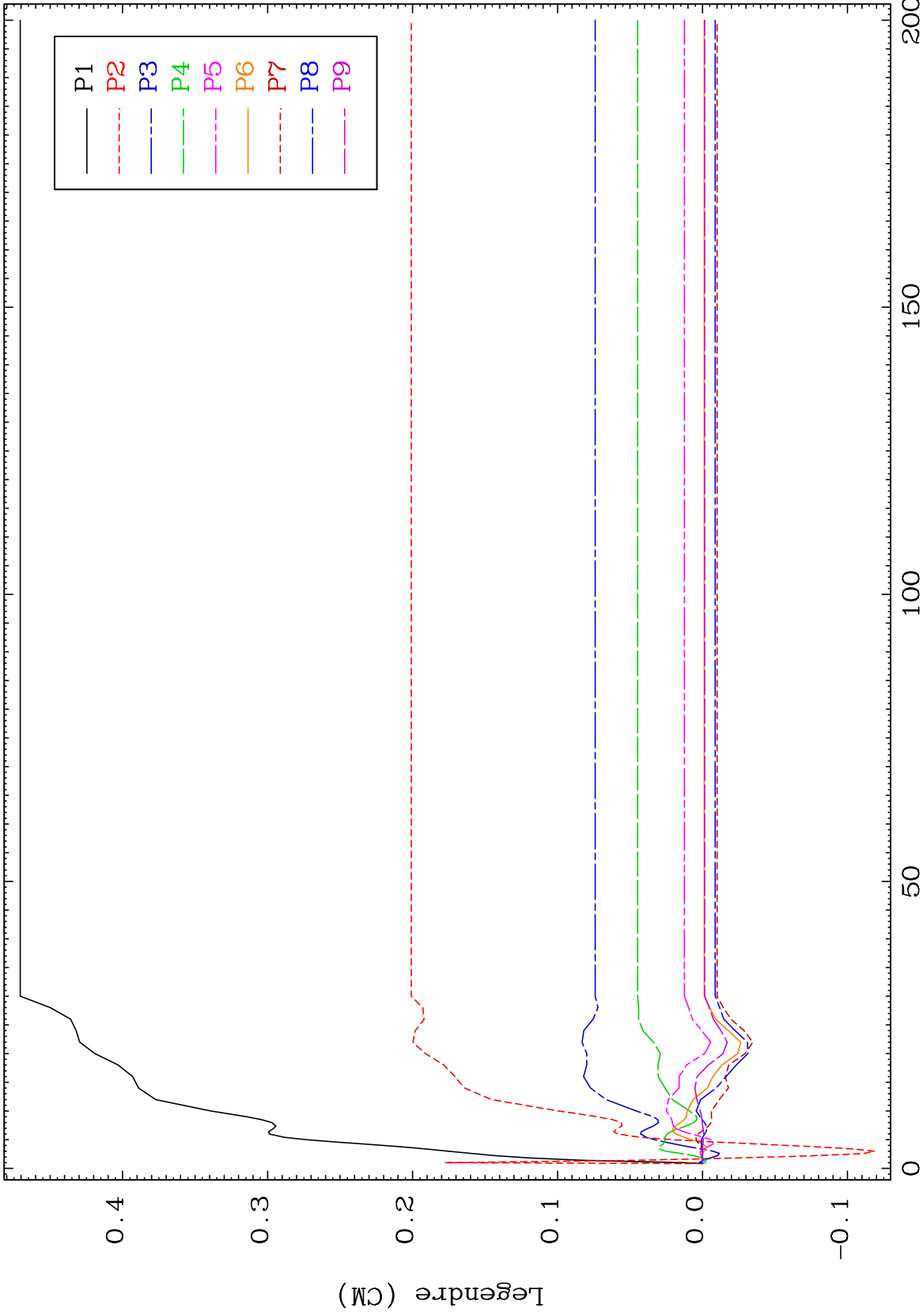
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149

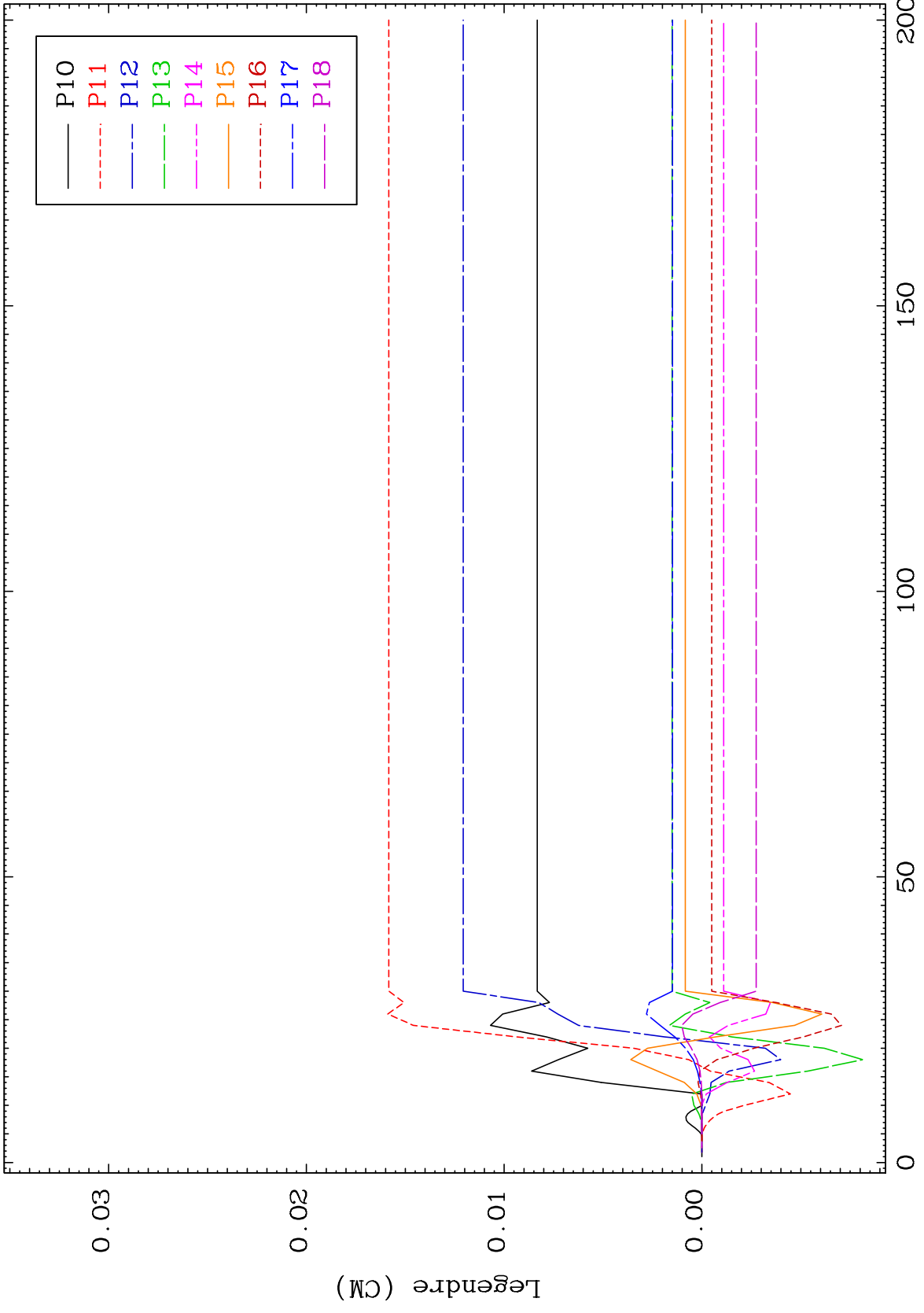


80

Incident Energy (MeV)

62-Sm-149

MAT 6240 MT= 68 (n,n') Level Legendre Coefficients 62-Sm-149

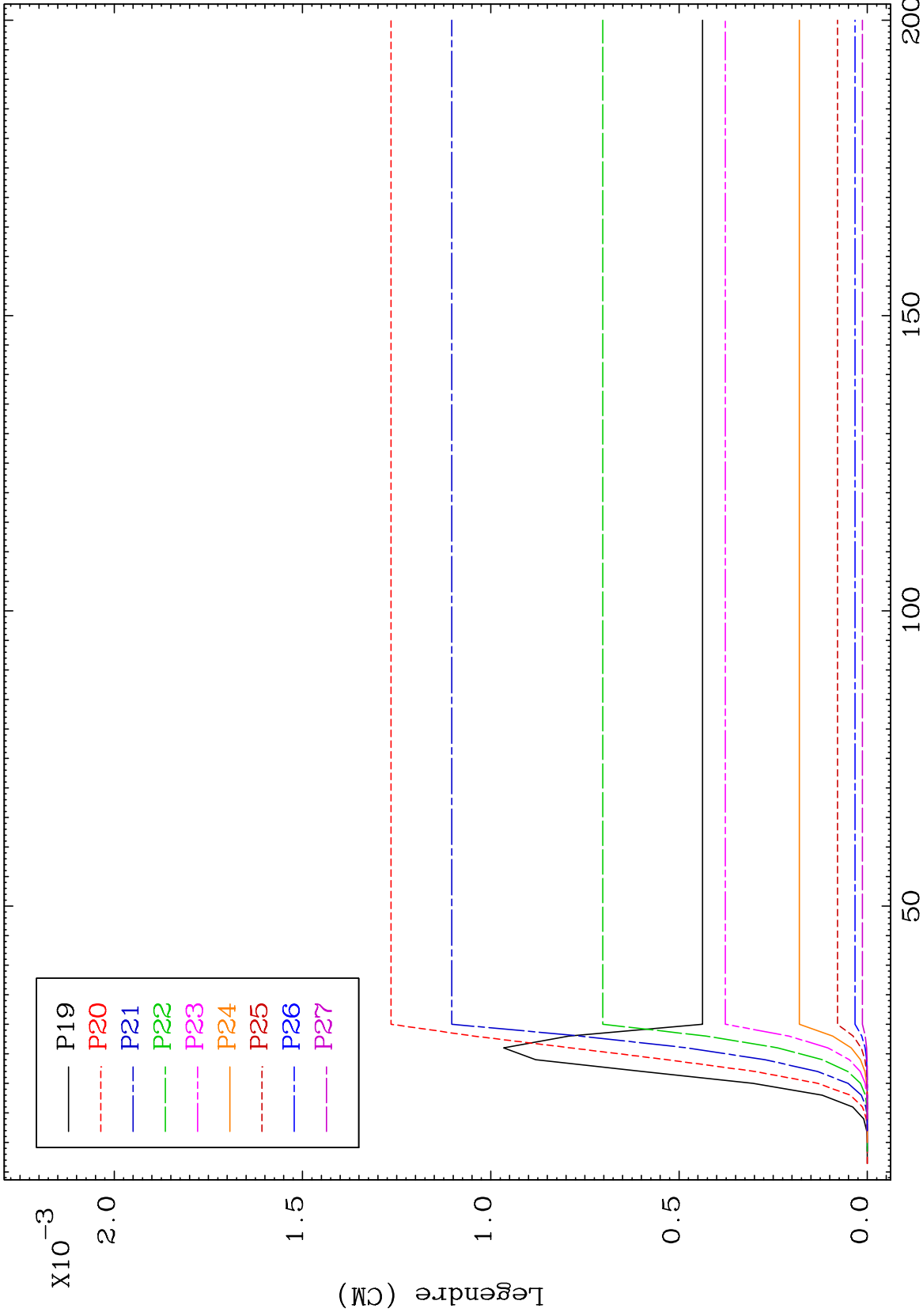


81 62-Sm-149

MAT 6240

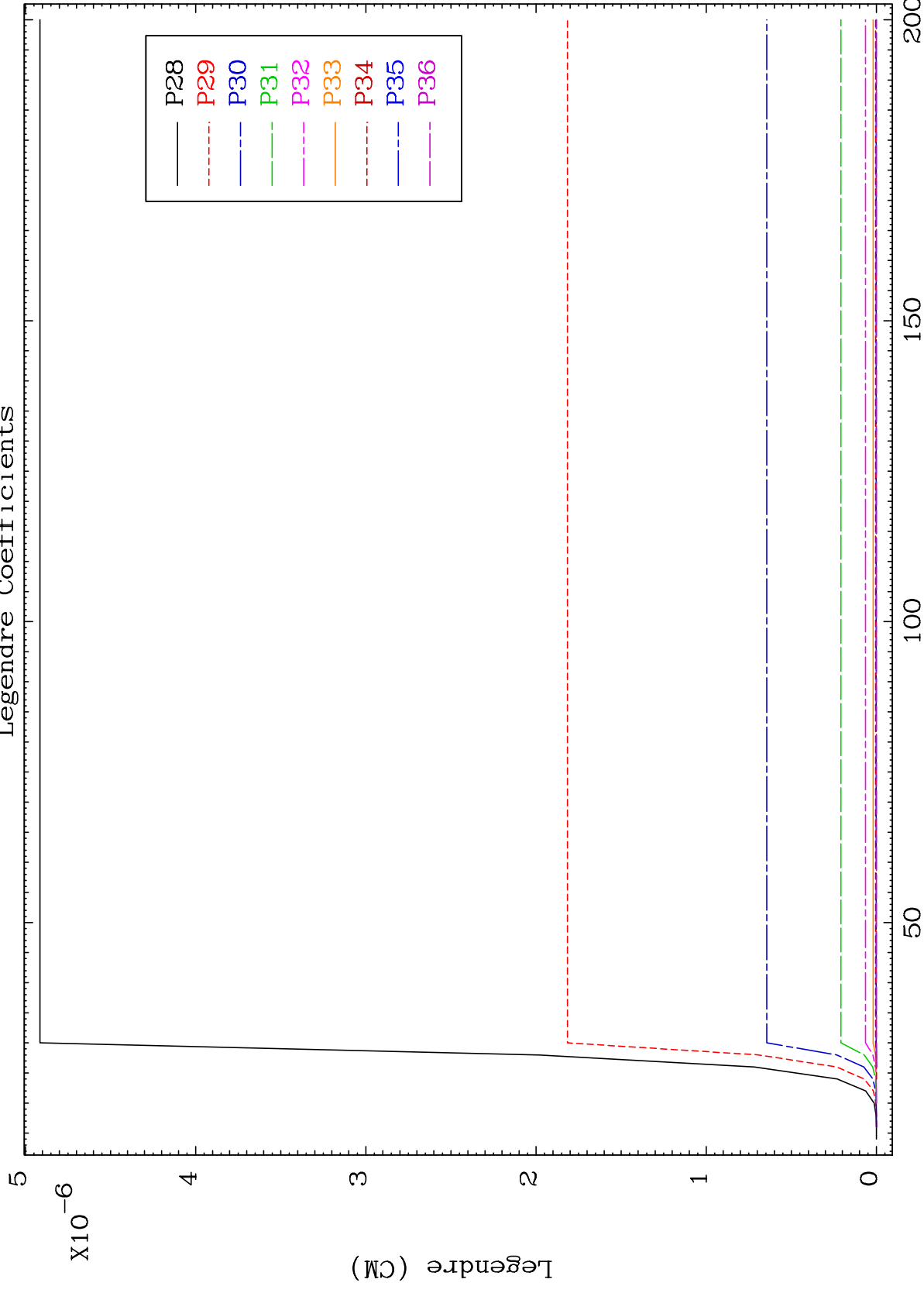
MT= 68 (n,n') Level
Legendre Coefficients

62-Sm-149



82

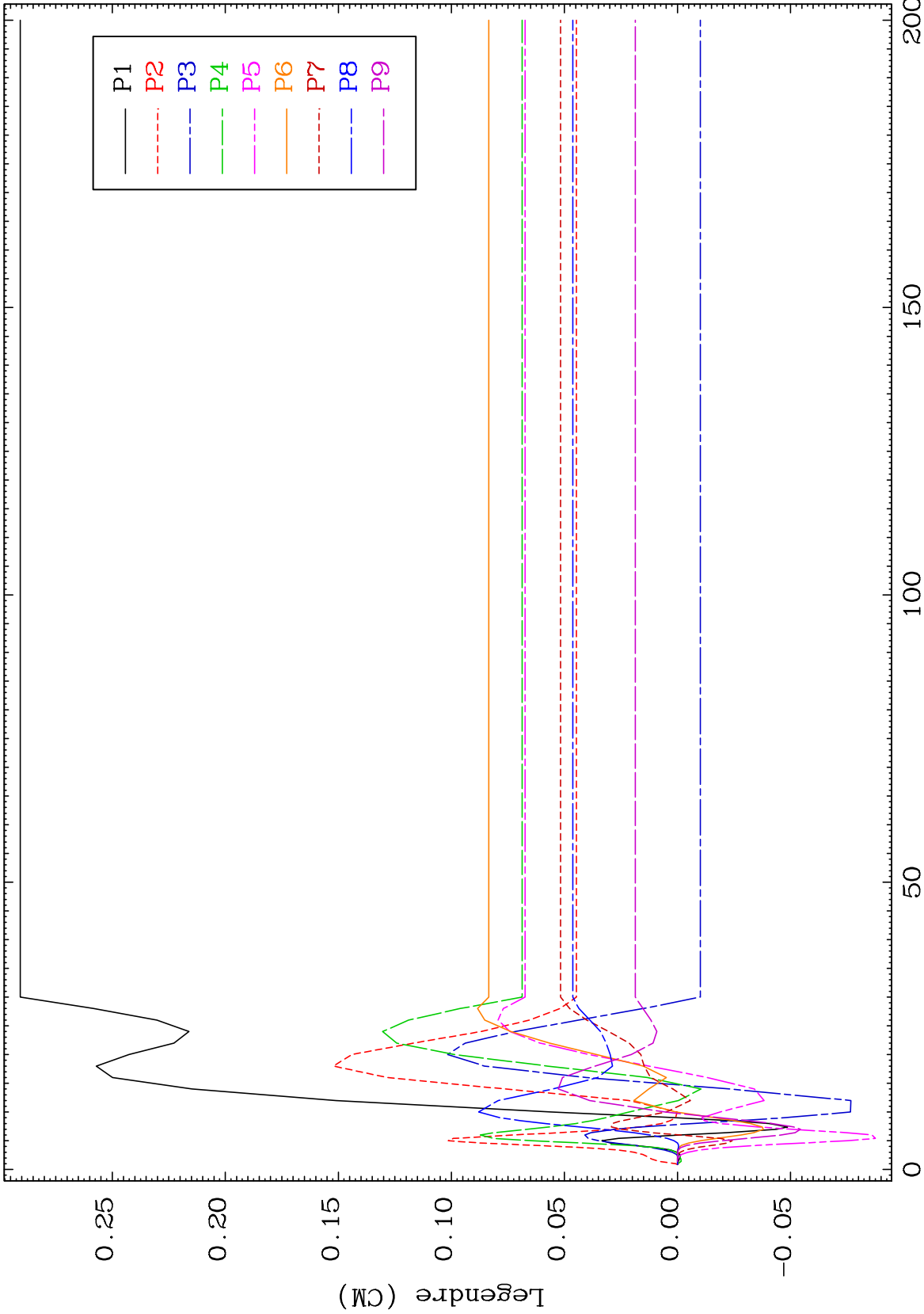
62-Sm-149



MAT 6240

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

62-Sm-149

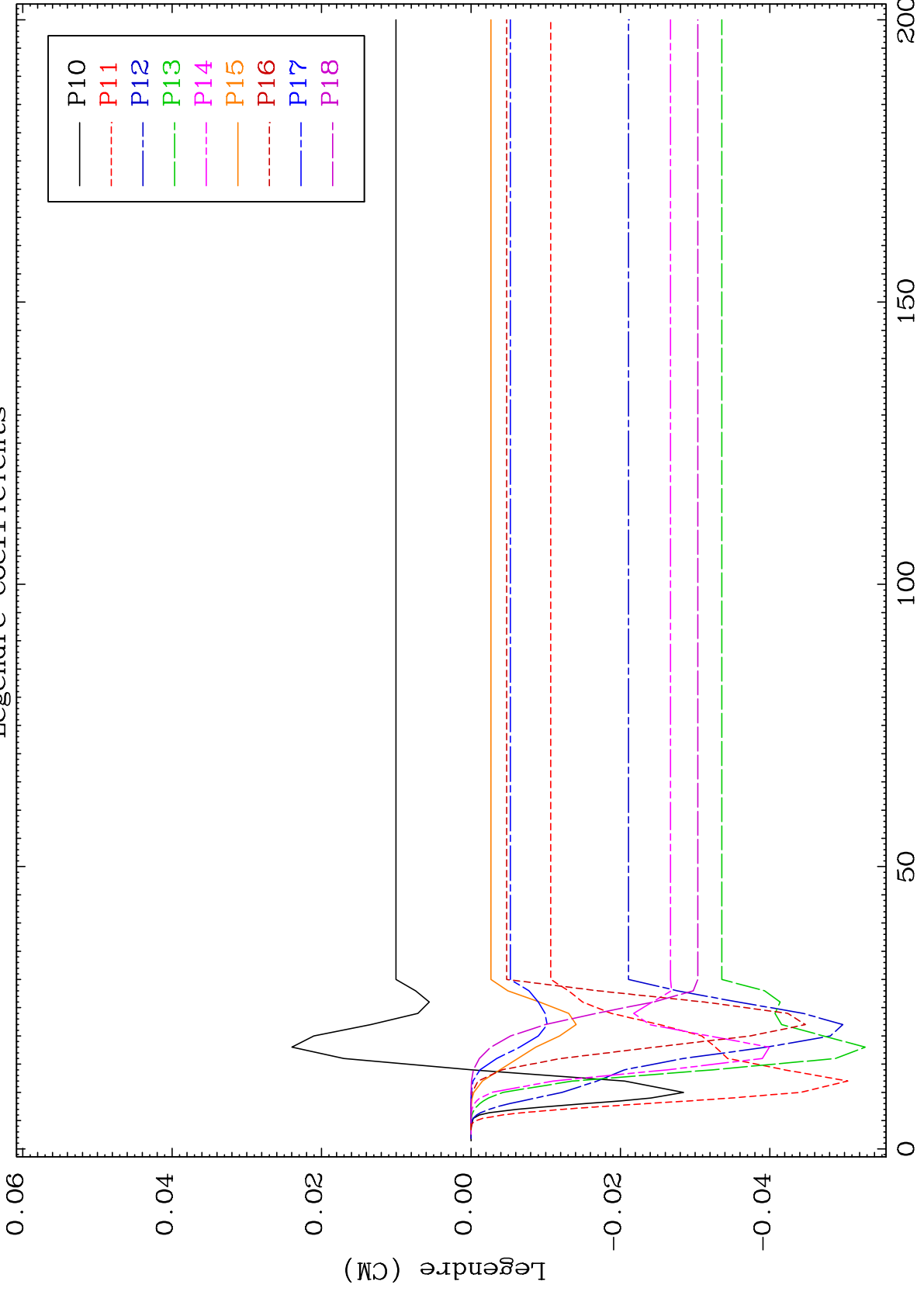


84

Incident Energy (MeV)

62-Sm-149

MAT 6240 MT= 69 (n,n') Level Legendre Coefficients 62-Sm-149

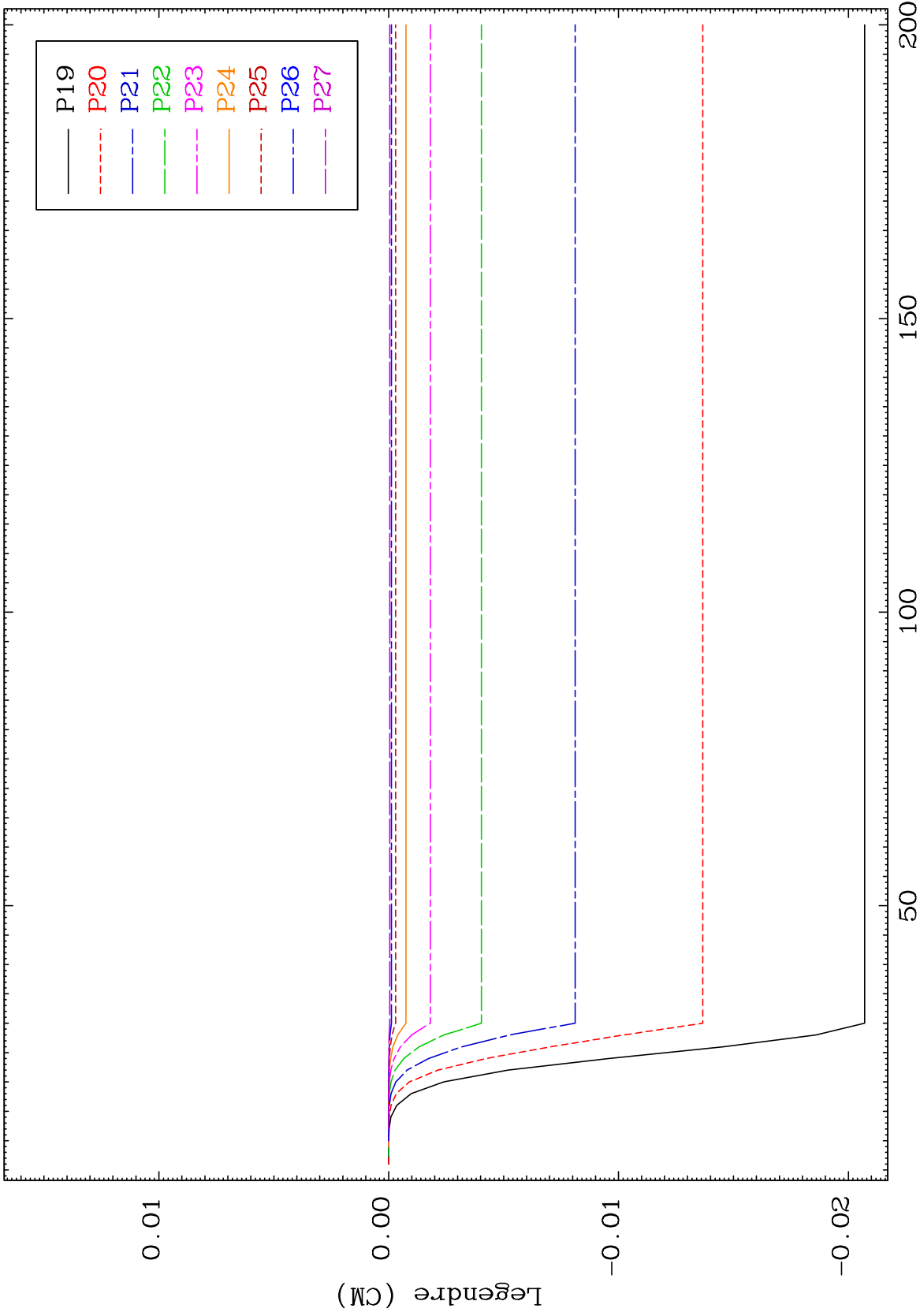


85 Incident Energy (MeV) 62-Sm-149

MAT 6240

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

62-Sm-149



86

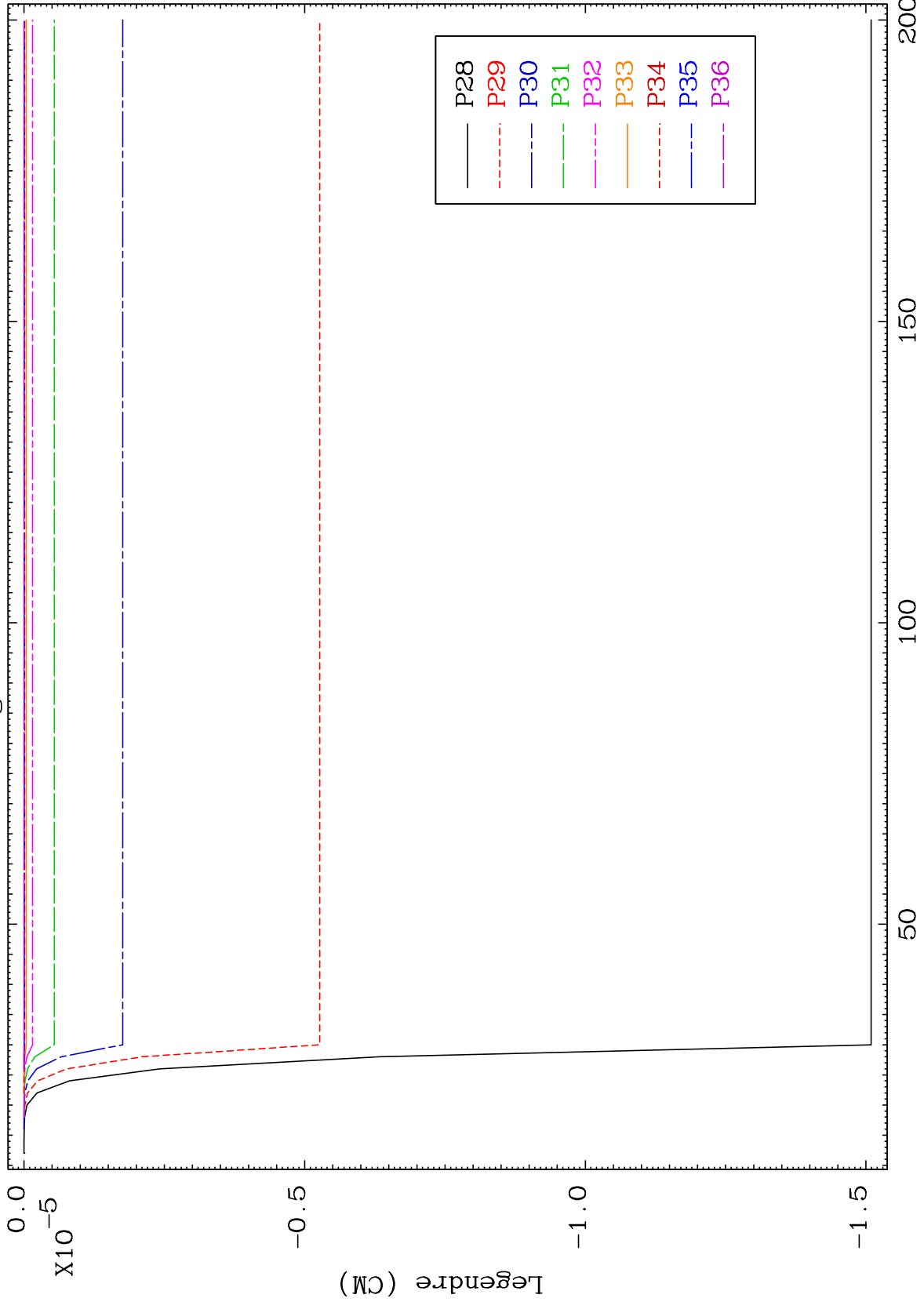
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



62-Sm-149

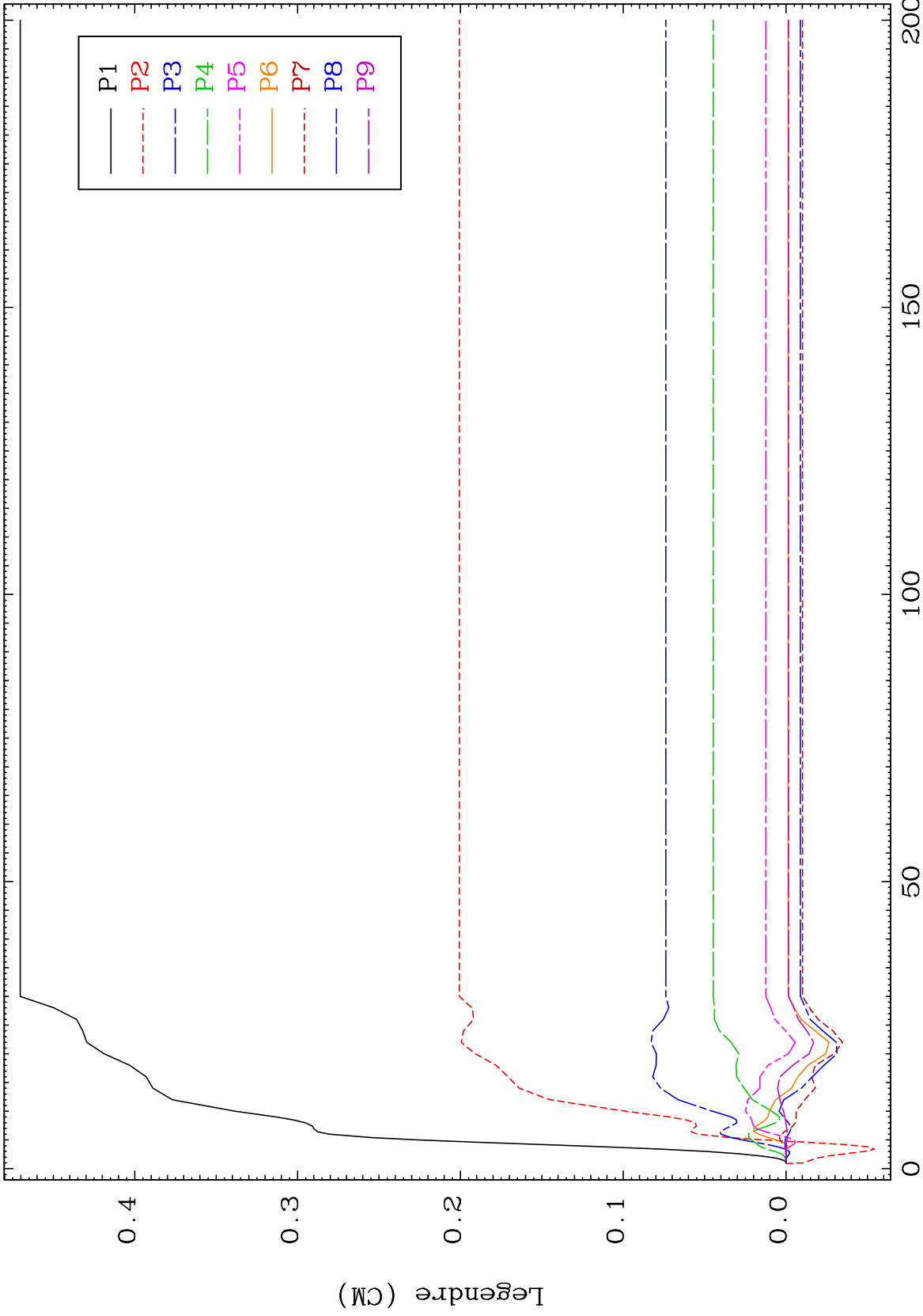
Incident Energy (MeV)

87

MAT 6240

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

62-Sm-149

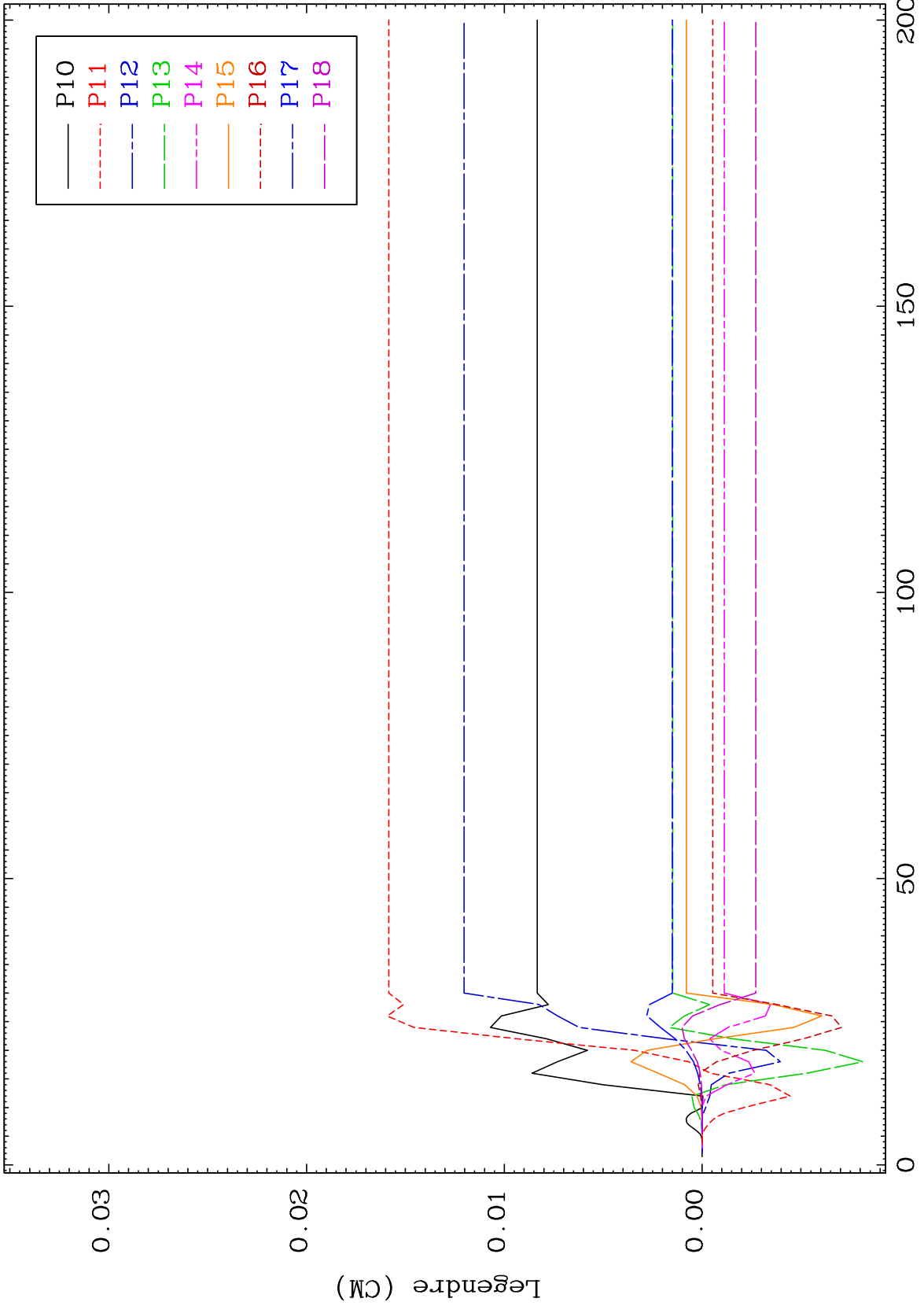


88

Incident Energy (MeV)

62-Sm-149

MAT 6240 MT= 70 (n,n') Level Legendre Coefficients 62-Sm-149

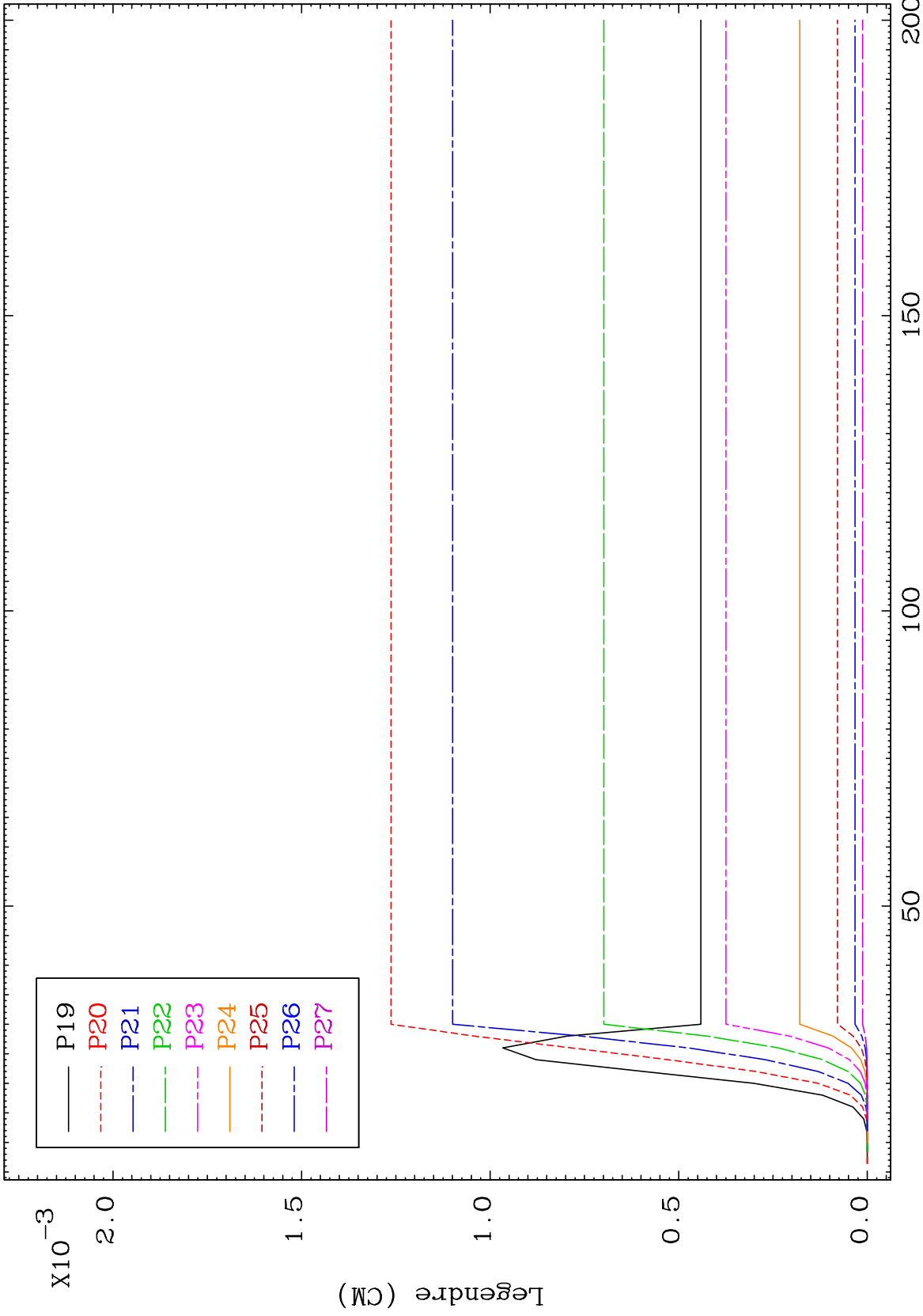


89 62-Sm-149

MAT 6240

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

62-Sm-149



90

50

100

150

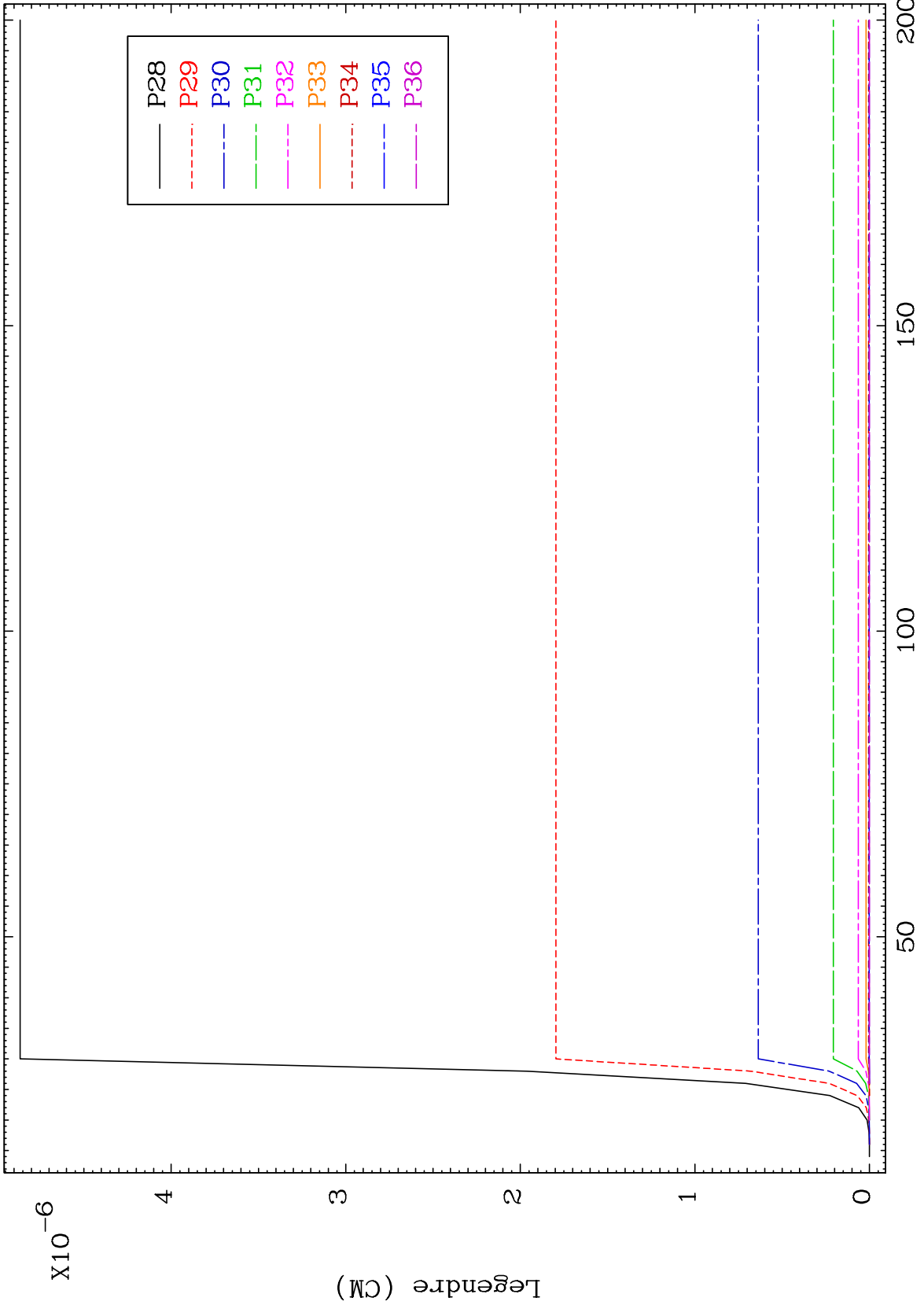
200

62-Sm-149

MAT 6240

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

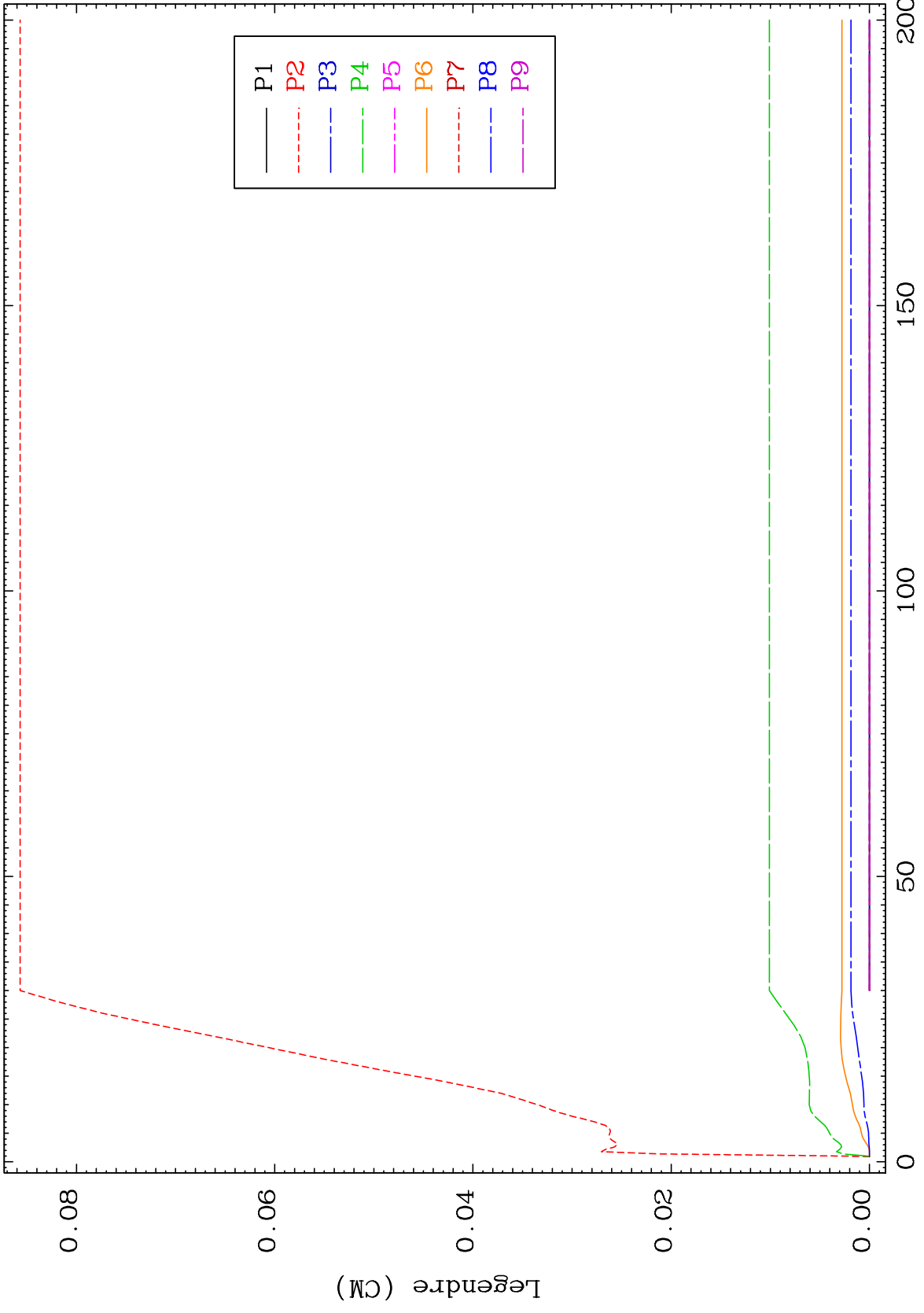
62-Sm-149



91

62-Sm-149

MAT 6240 MT= 71 (n,n') Level Legendre Coefficients 62-Sm-149

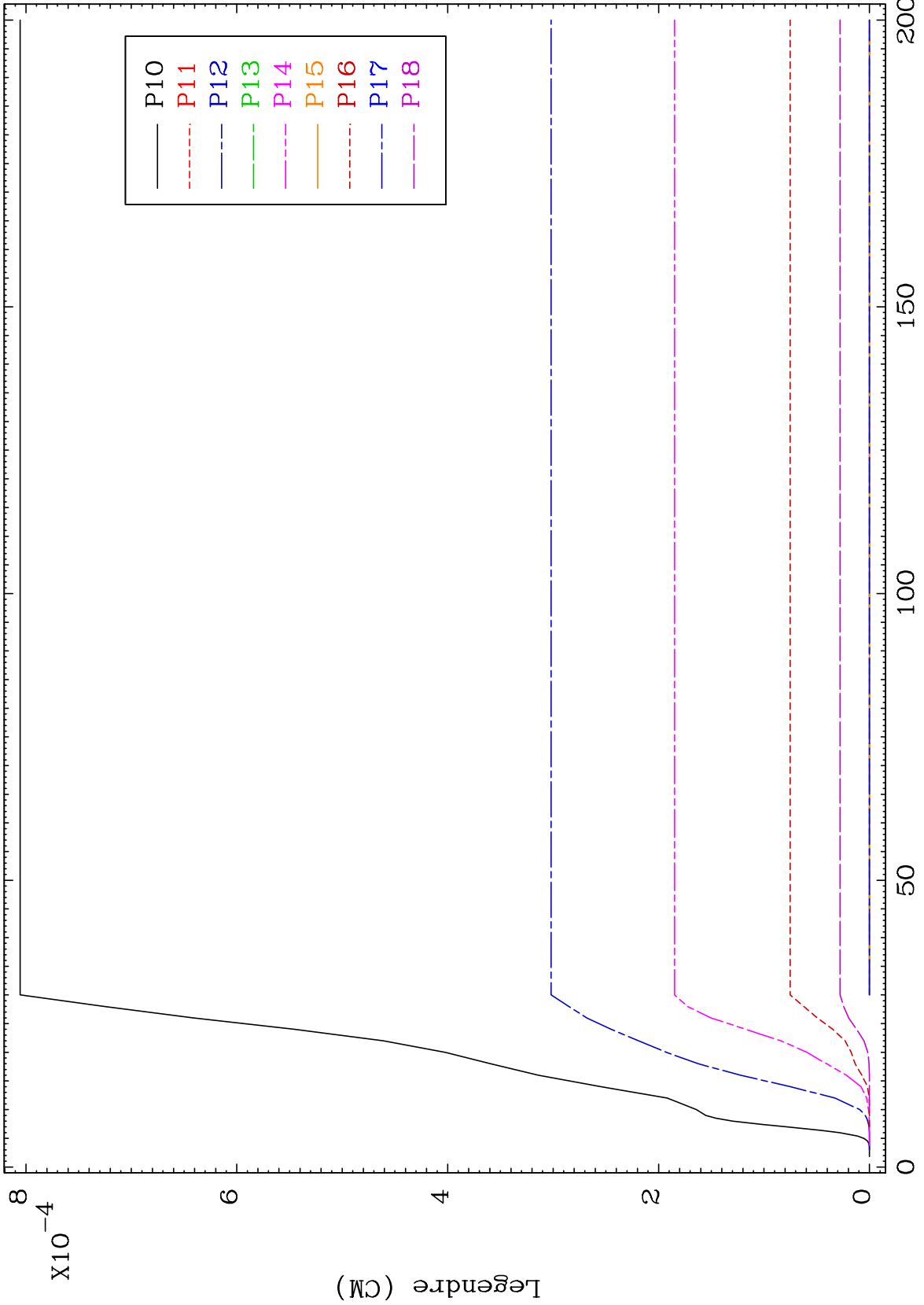


92 62-Sm-149

MAT 6240

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

62-Sm-149

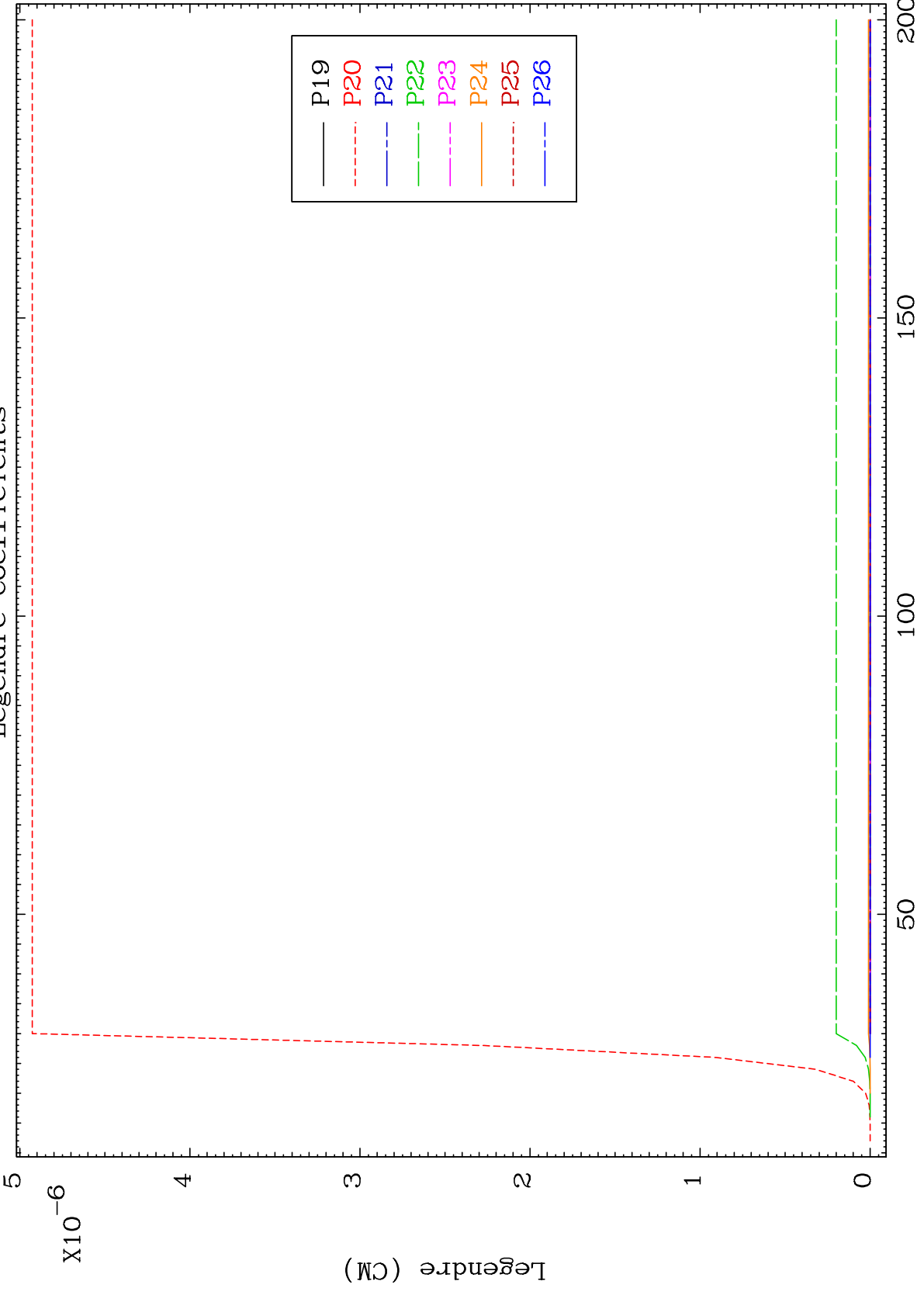


93

Incident Energy (MeV)

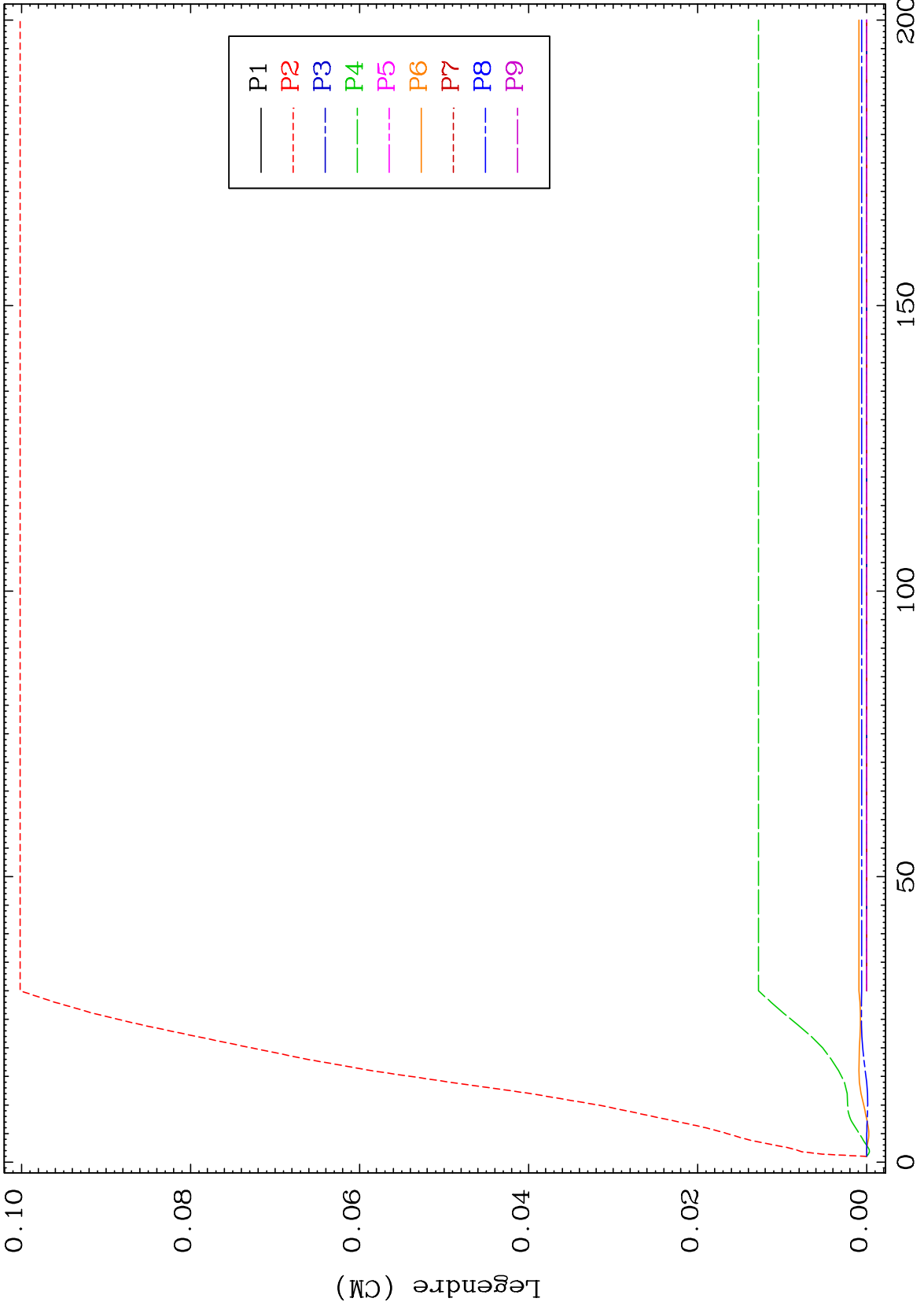
62-Sm-149

MAT 6240 MT= 71 (n,n') Level Legendre Coefficients 62-Sm-149



94 62-Sm-149

MAT 6240 MT= 72 (n,n') Level Legendre Coefficients 62-Sm-149

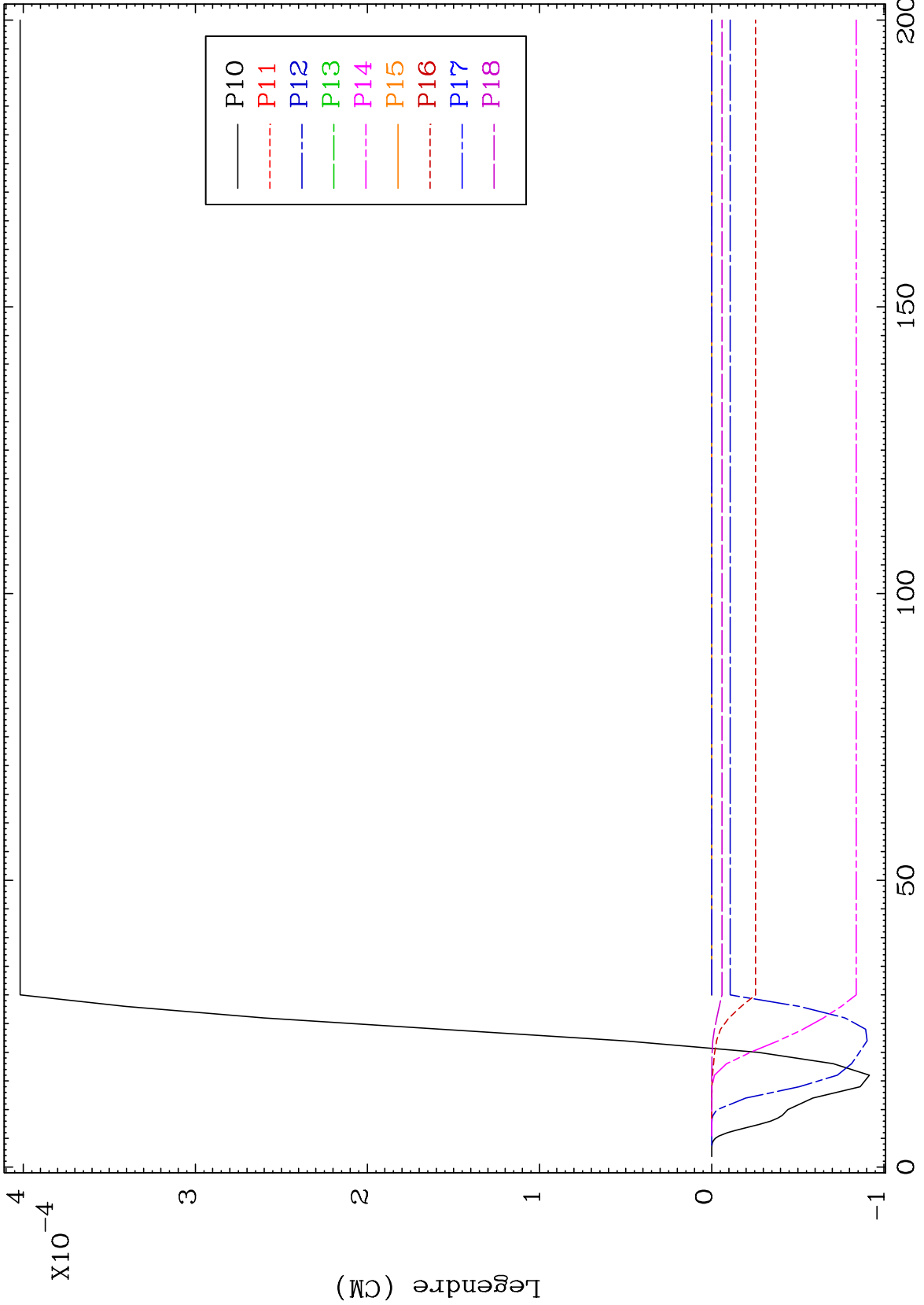


95 Incident Energy (MeV) 62-Sm-149

MAT 6240

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

62-Sm-149



96

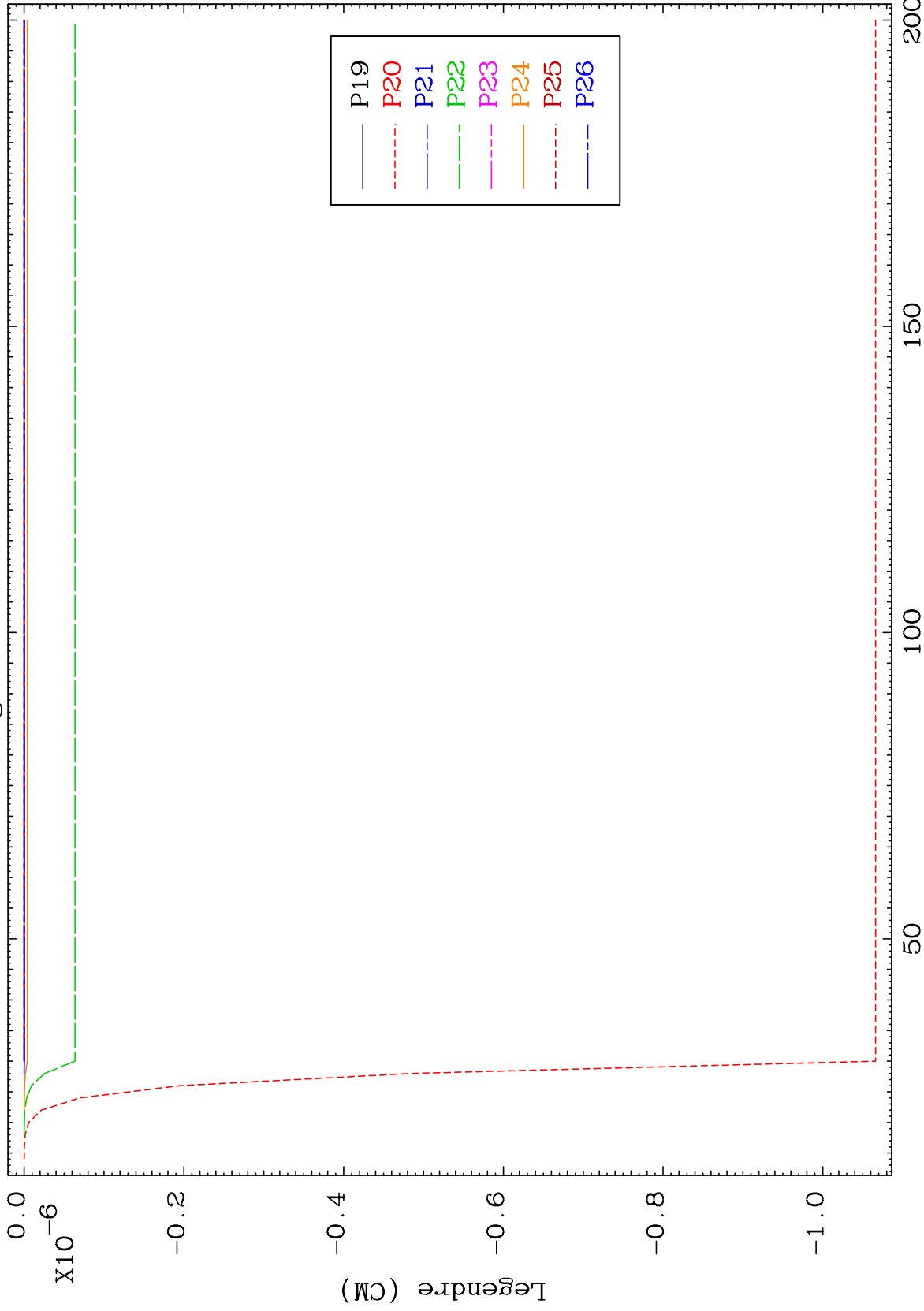
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149

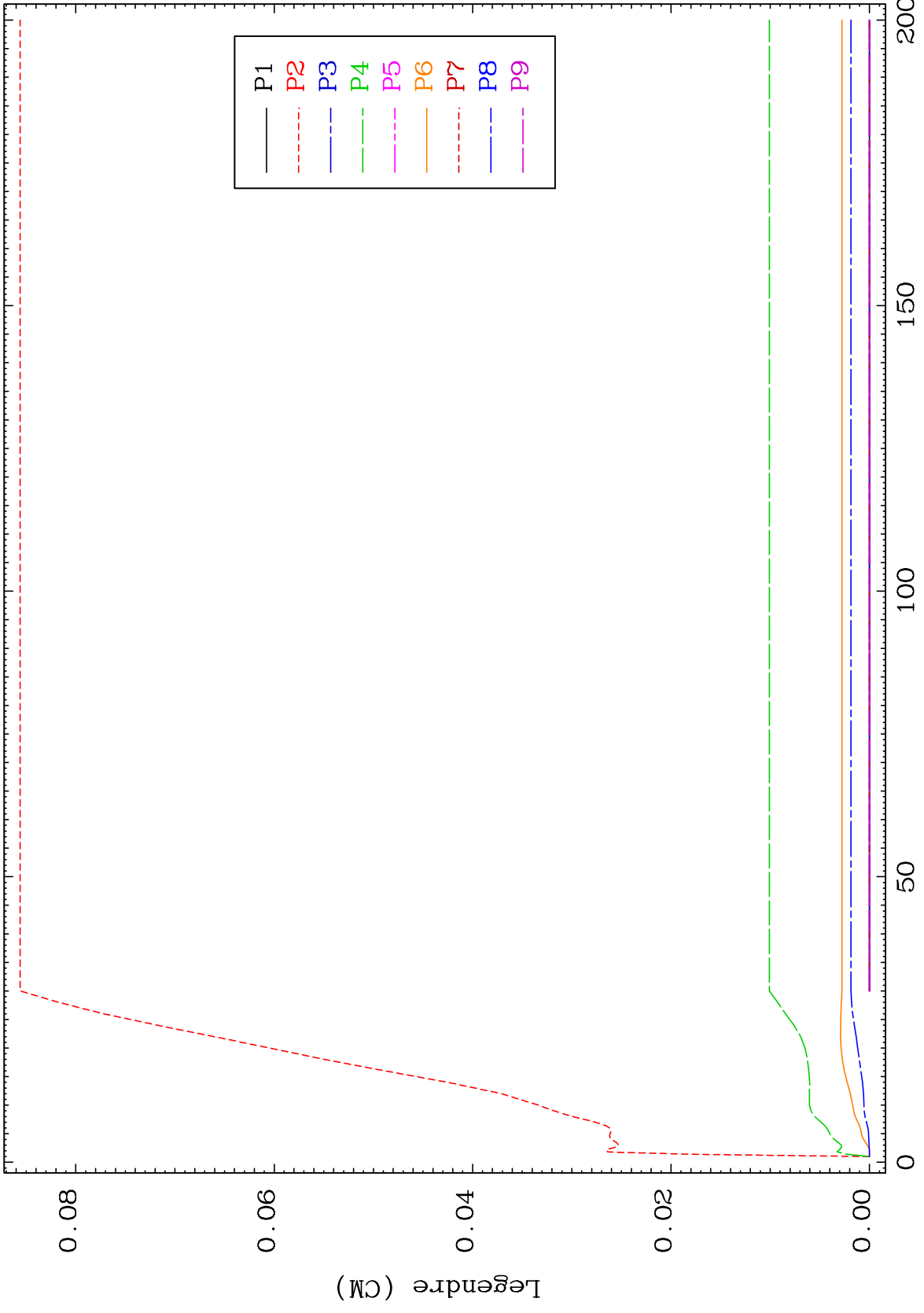


62-Sm-149

Incident Energy (MeV)

97

MAT 6240 MT= 73 (n,n') Level Legendre Coefficients 62-Sm-149

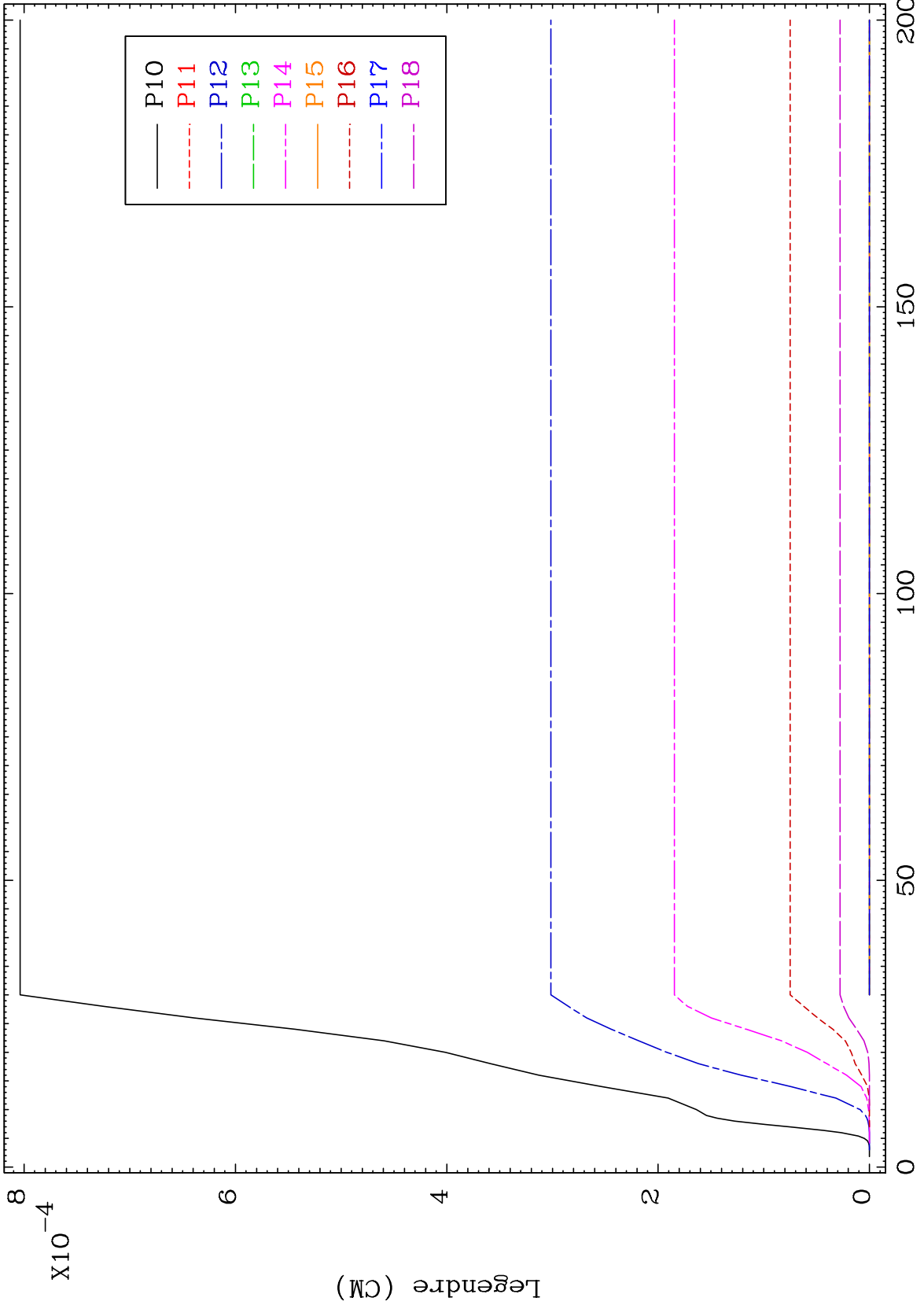


98 62-Sm-149

MAT 6240

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

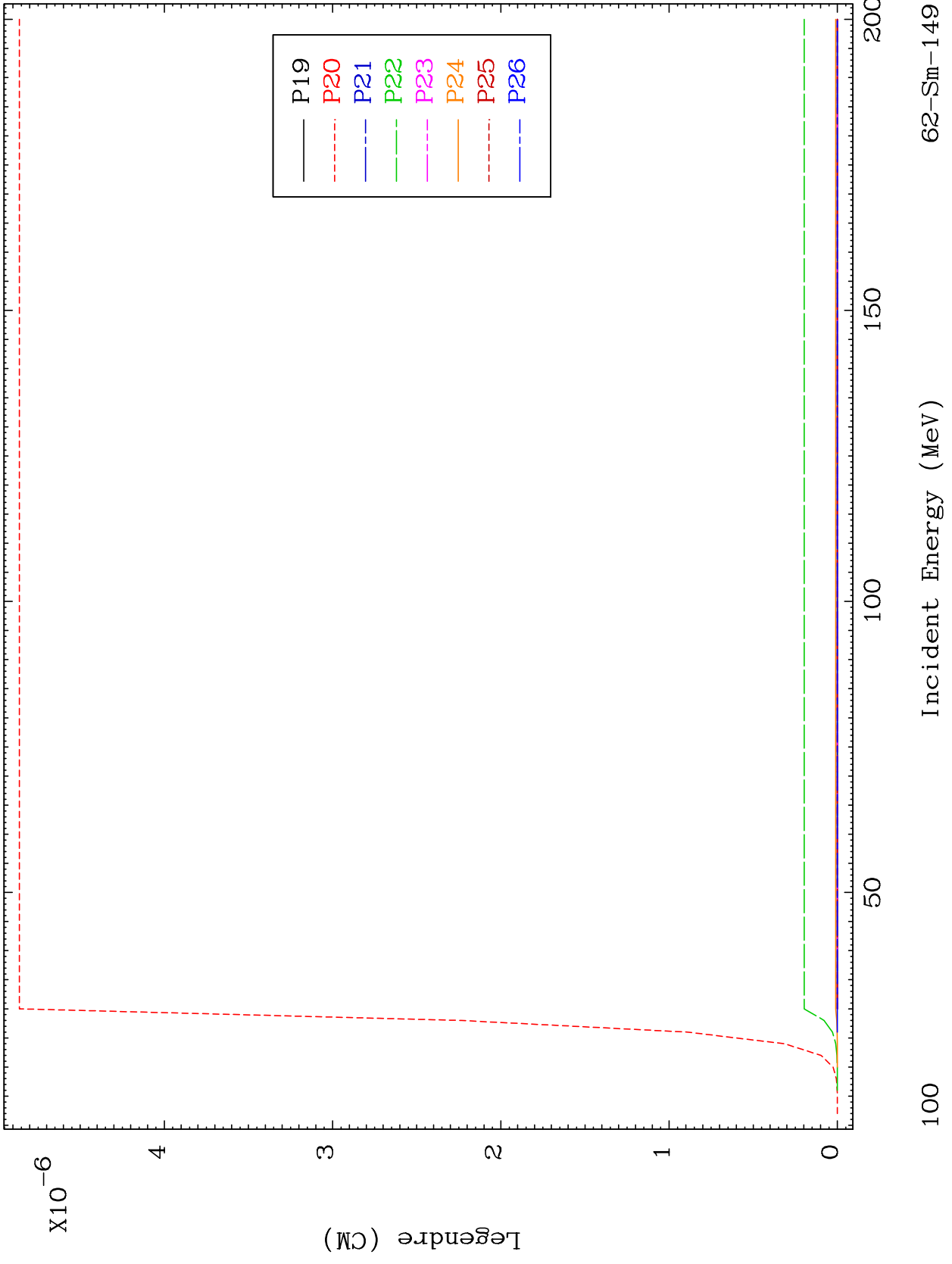
62-Sm-149



99

62-Sm-149

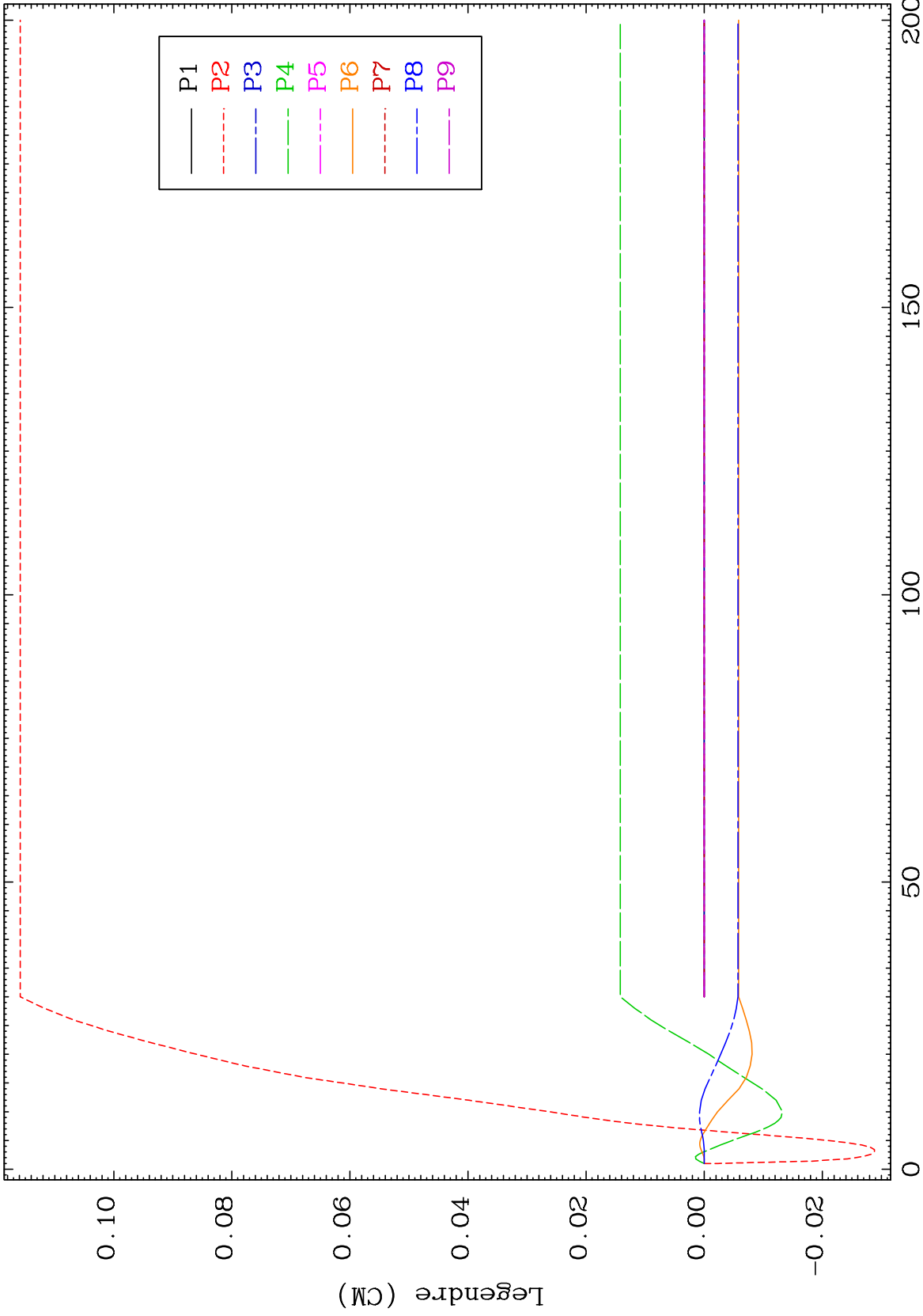
MAT 6240 MT= 73 (n,n') Level Legendre Coefficients 62-Sm-149



MAT 6240

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

62-Sm-149



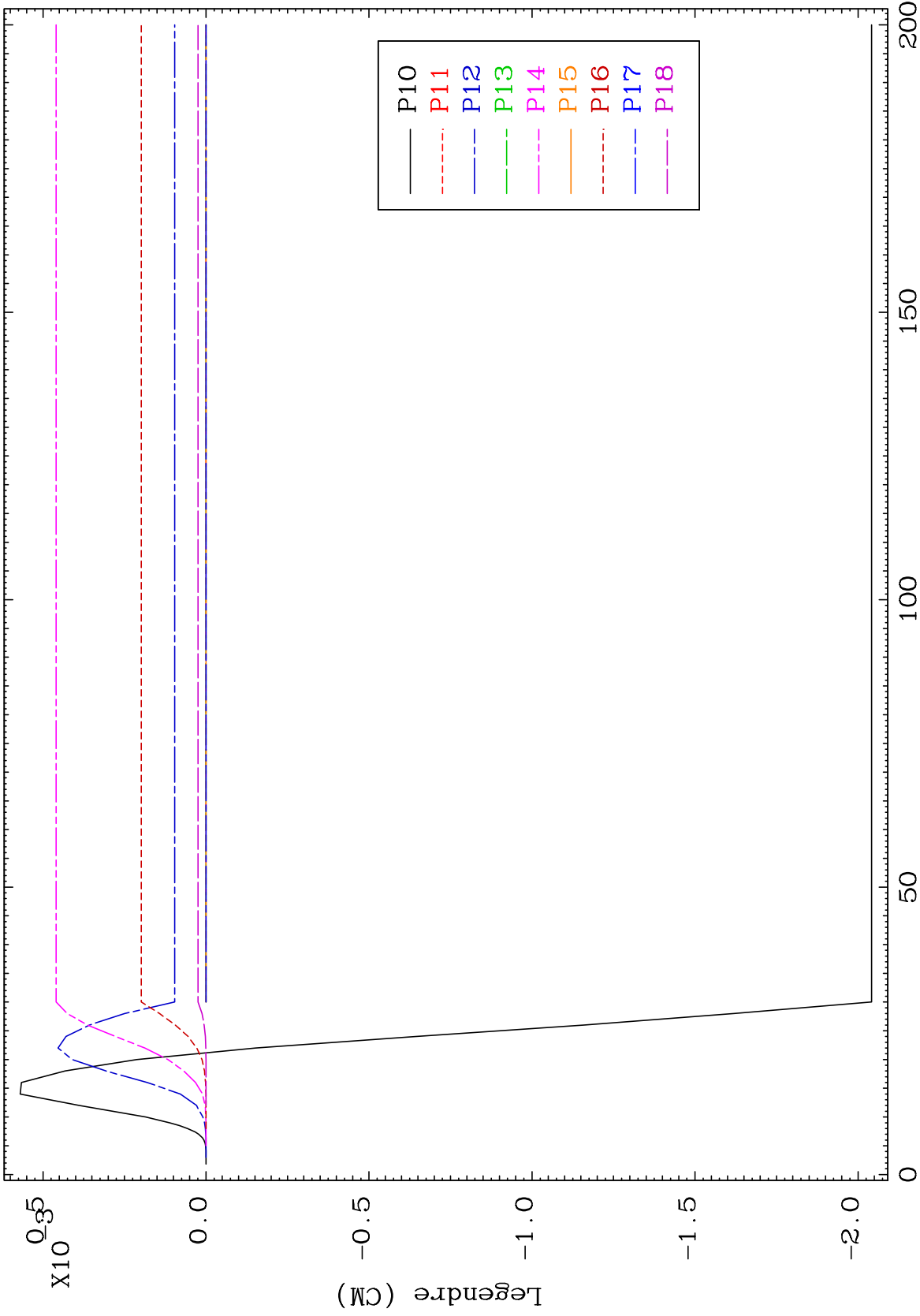
101

62-Sm-149

MAT 6240

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

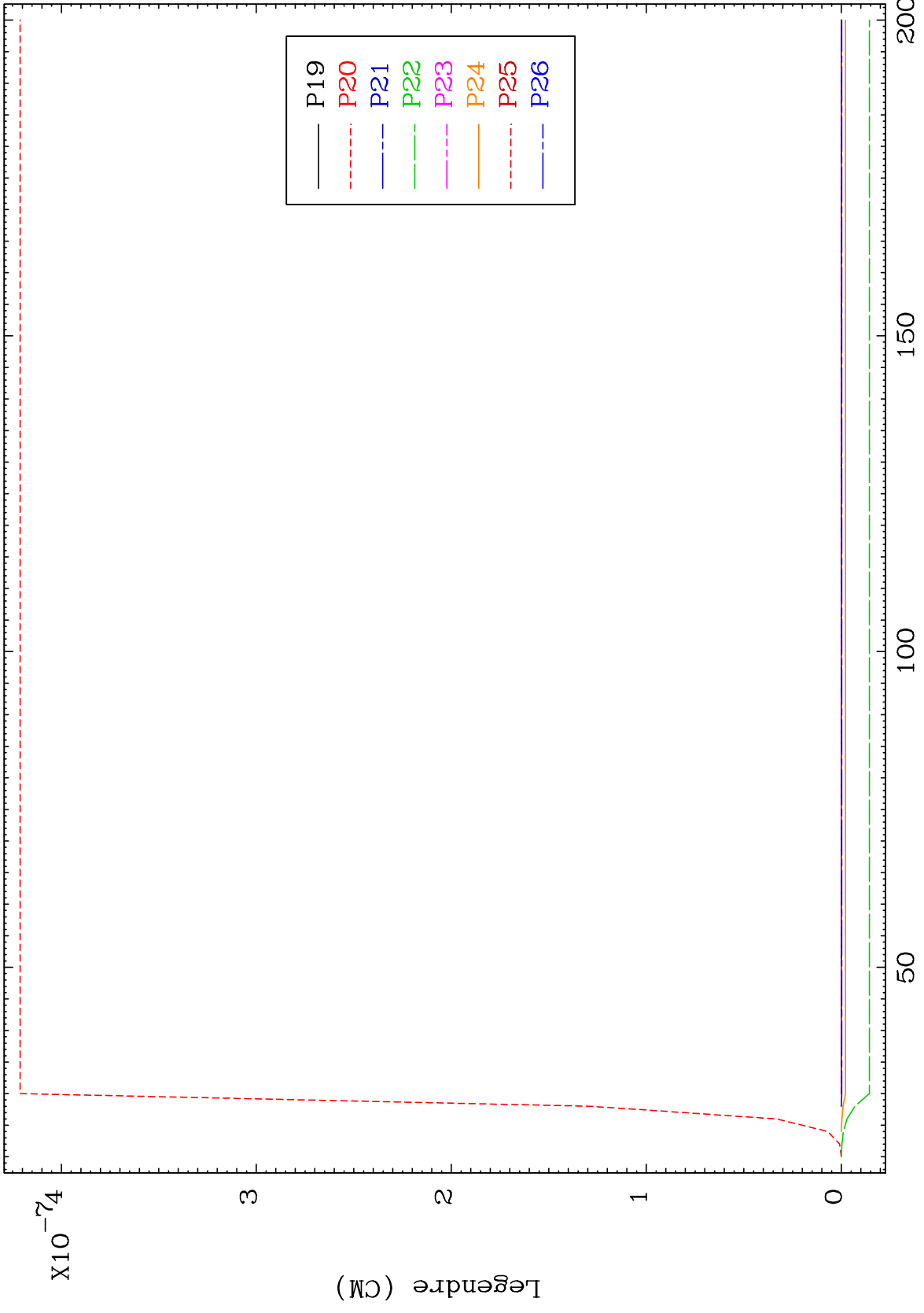
62-Sm-149



102

62-Sm-149

MAT 6240 MT= 74 (n,n') Level Legendre Coefficients 62-Sm-149

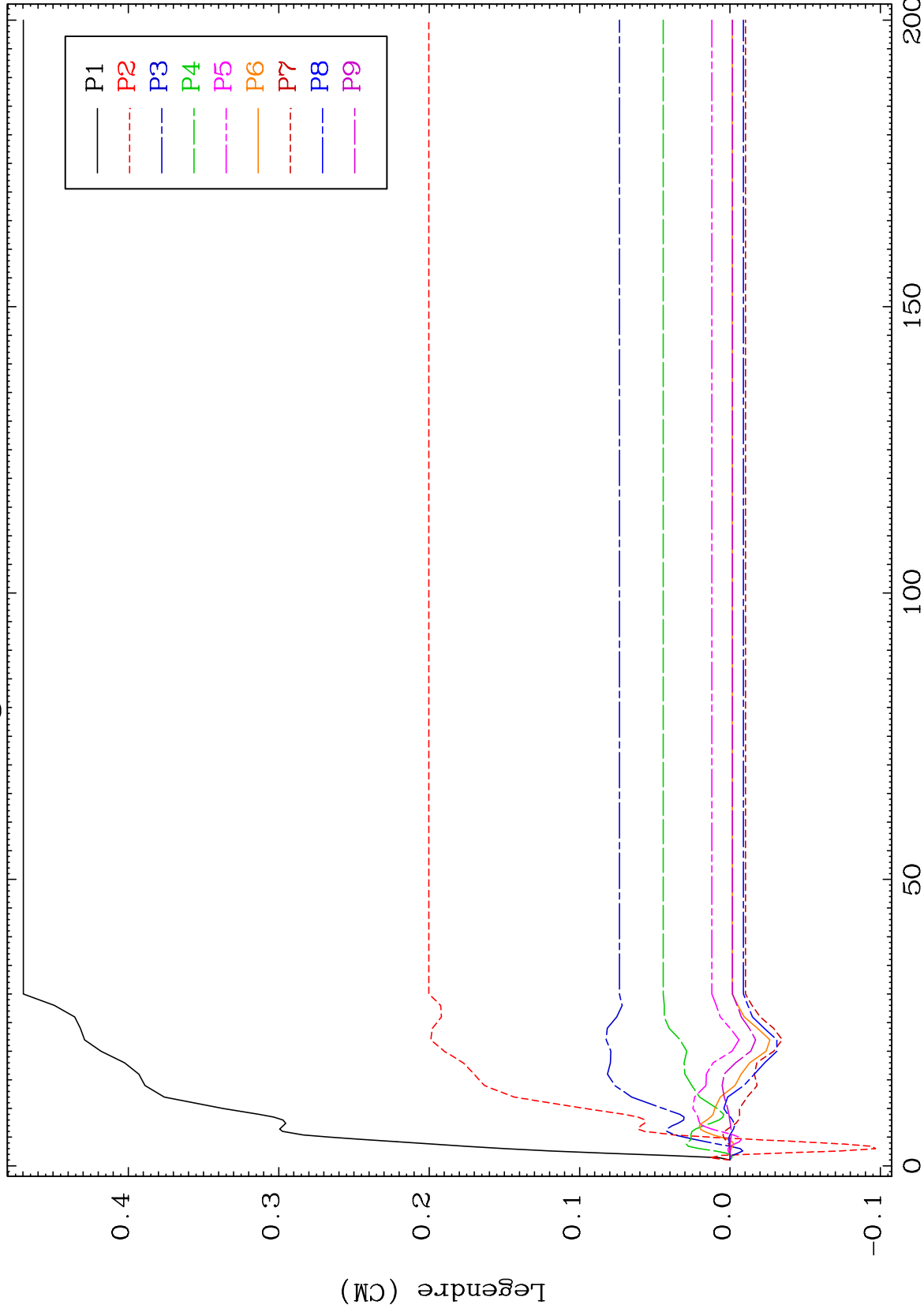


103 Incident Energy (MeV) 62-Sm-149

MAT 6240

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

62-Sm-149

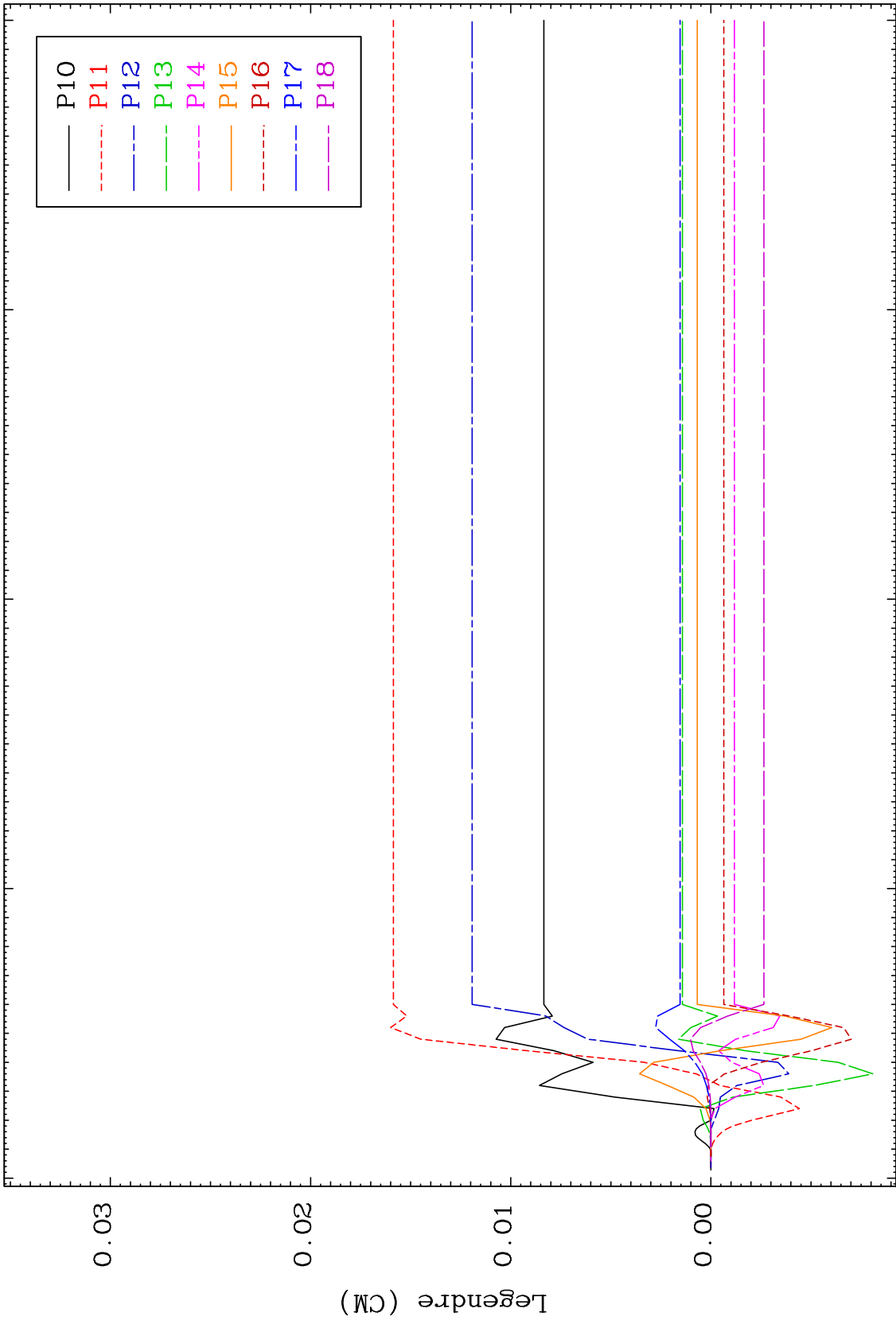


104

Incident Energy (MeV)

62-Sm-149

MAT 6240 MT= 75 (n,n') Level Legendre Coefficients 62-Sm-149

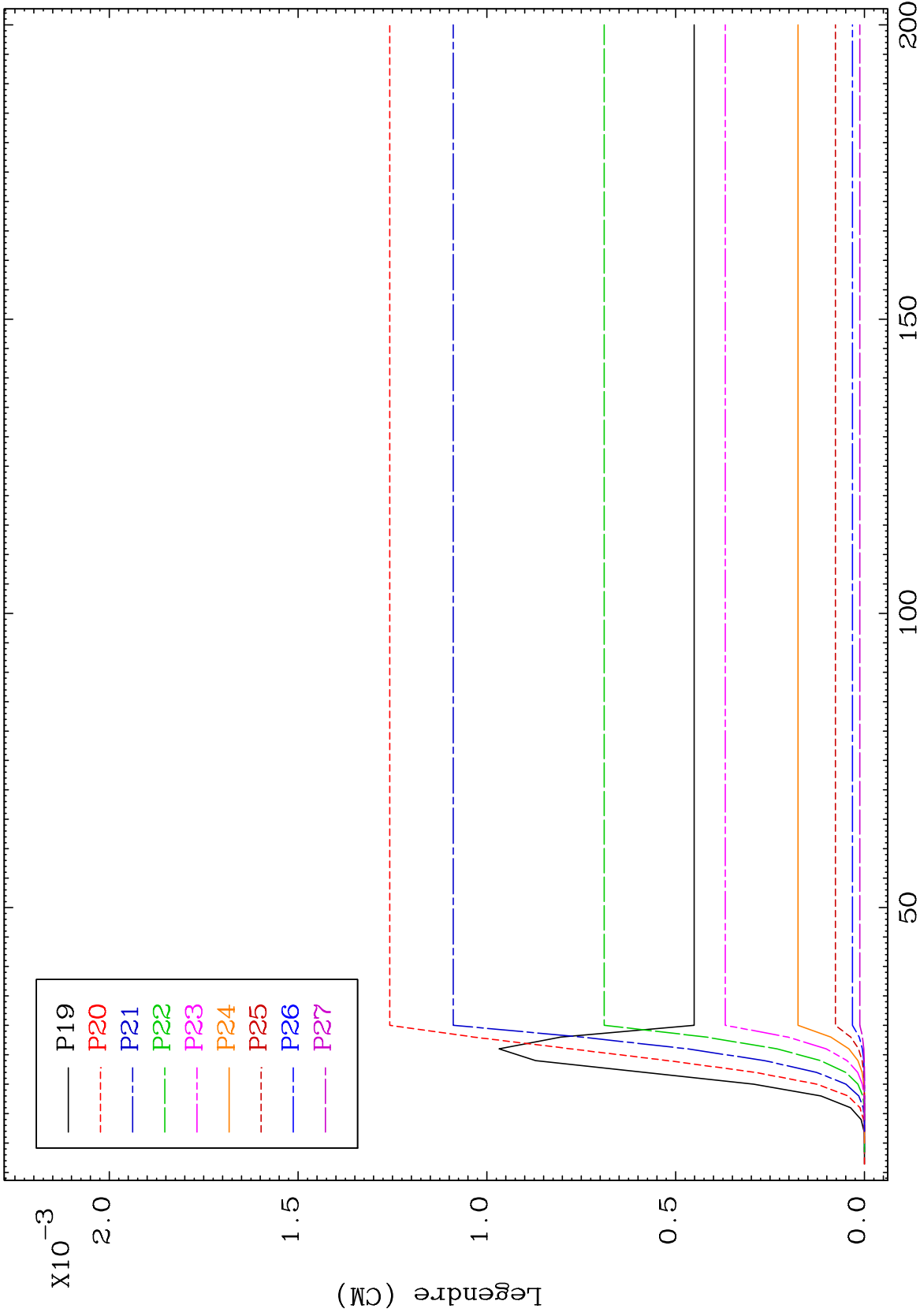


105 Incident Energy (MeV) 62-Sm-149

MAT 6240

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

62-Sm-149



106

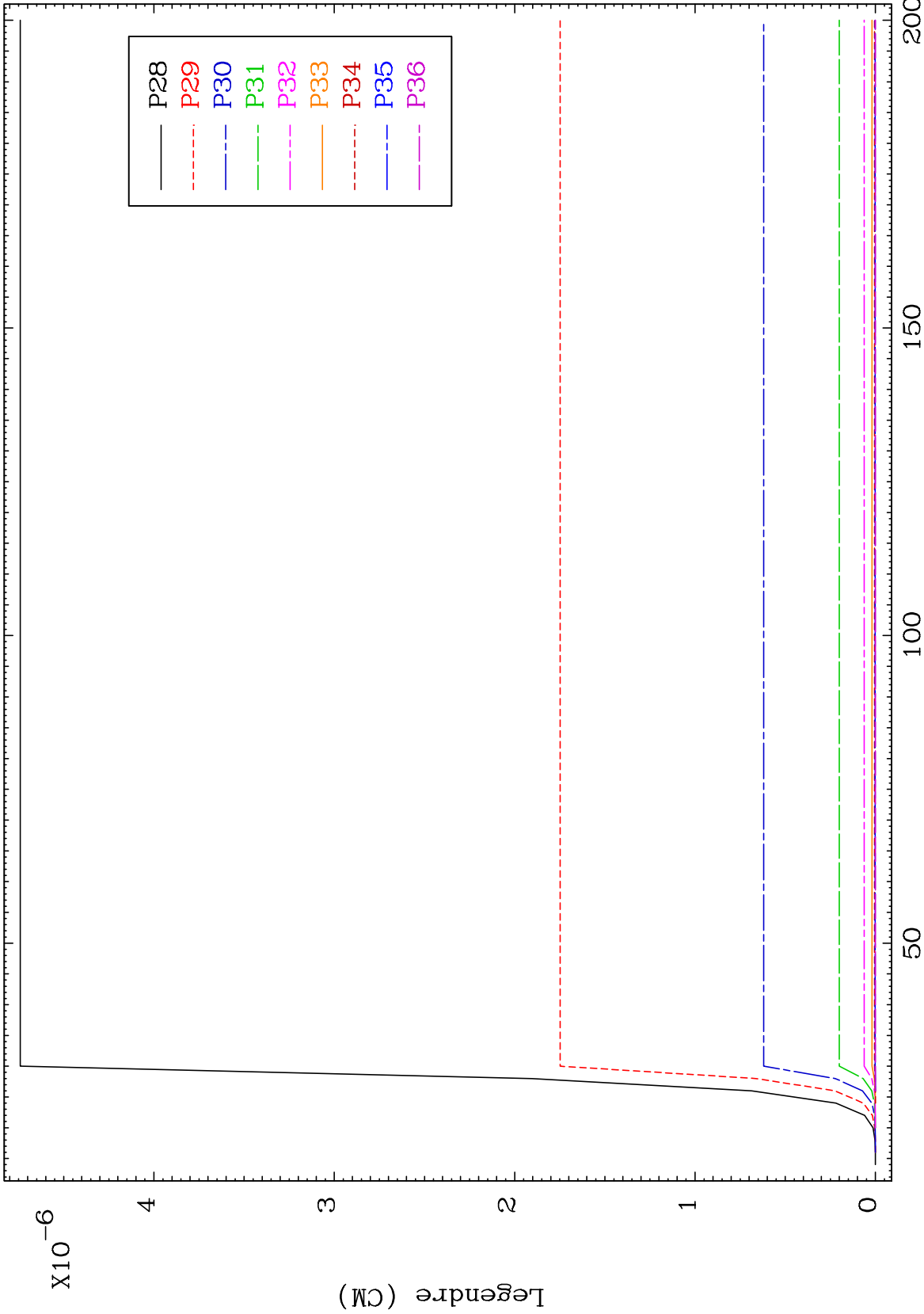
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



107

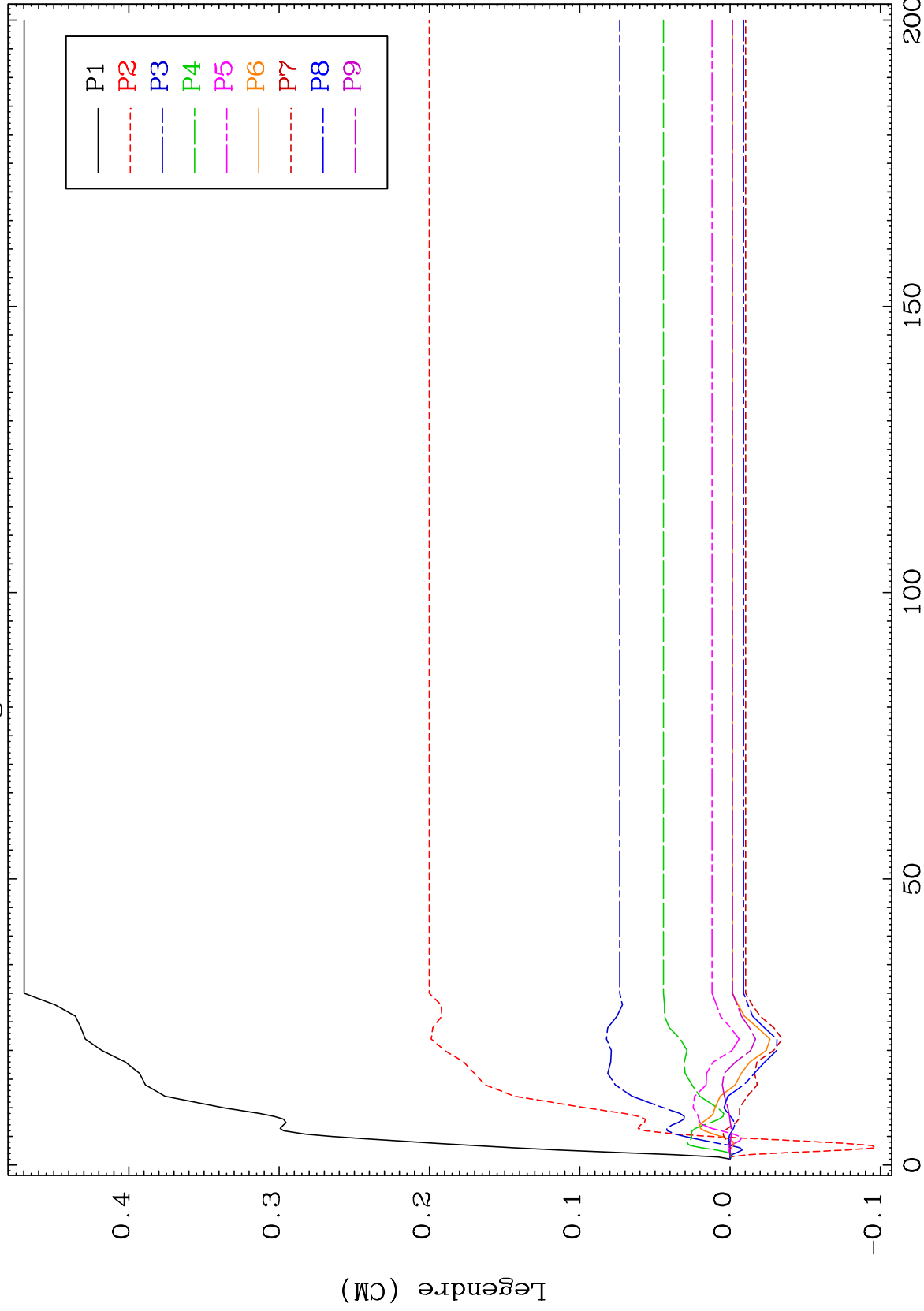
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



108

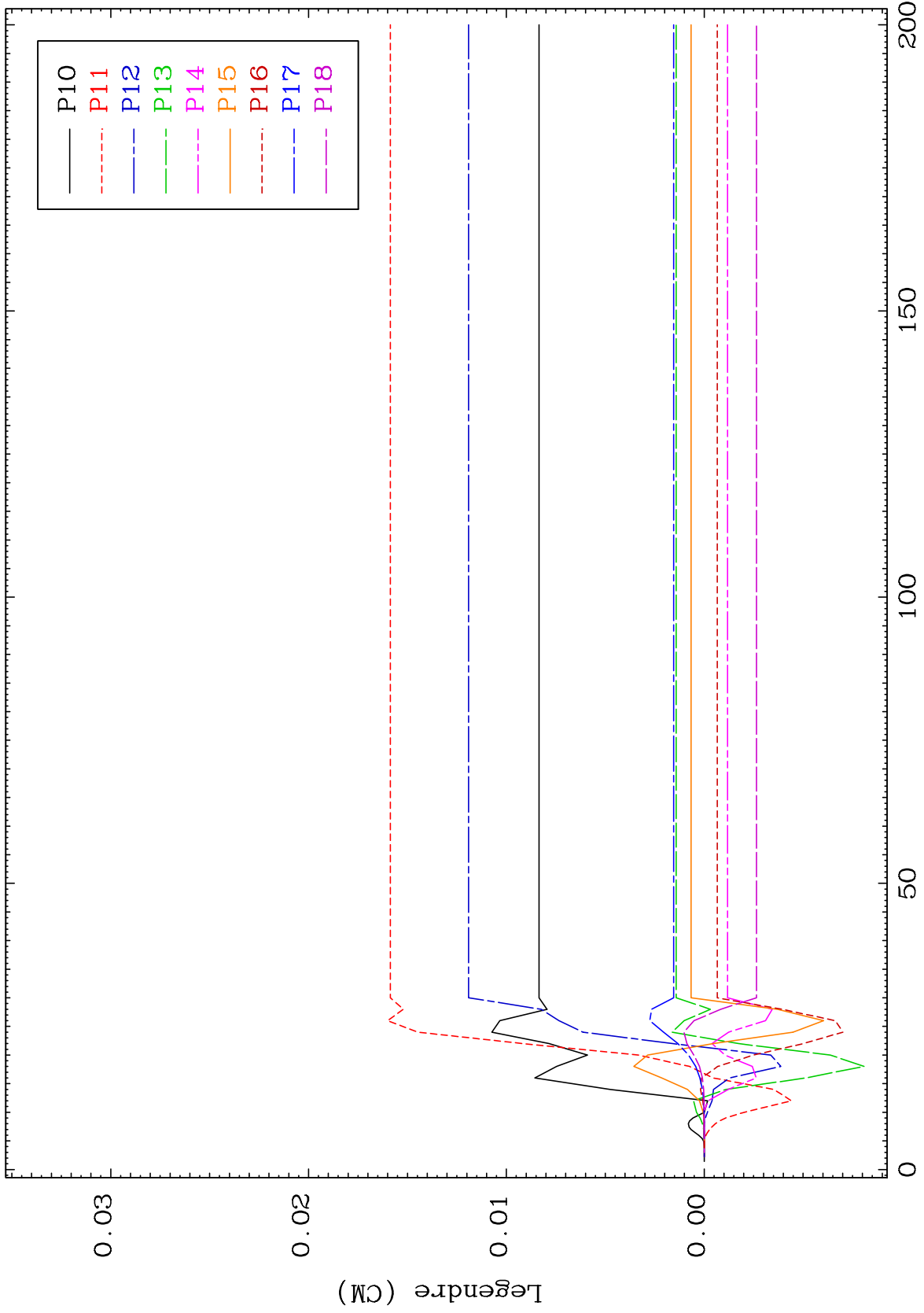
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



109

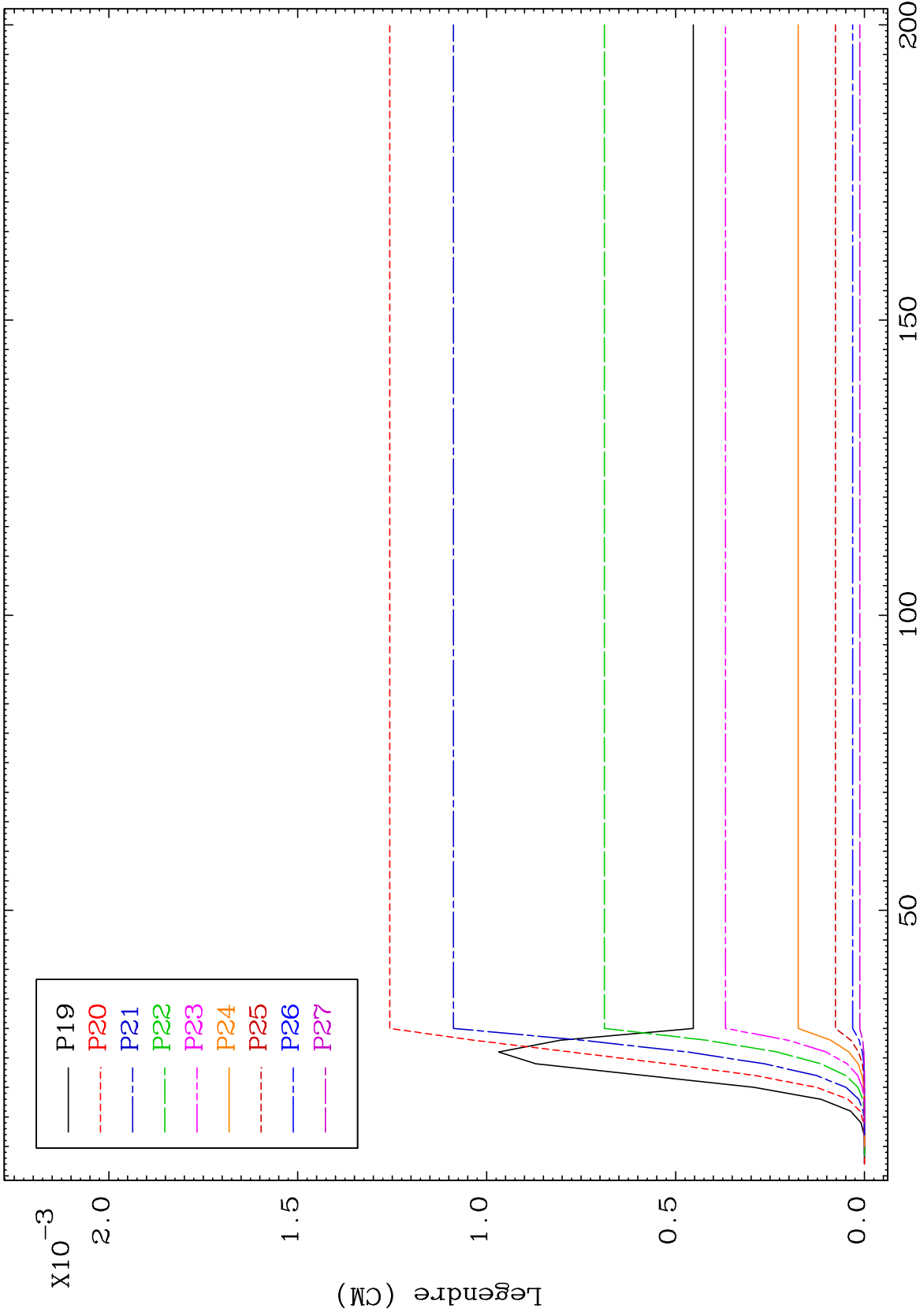
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



110

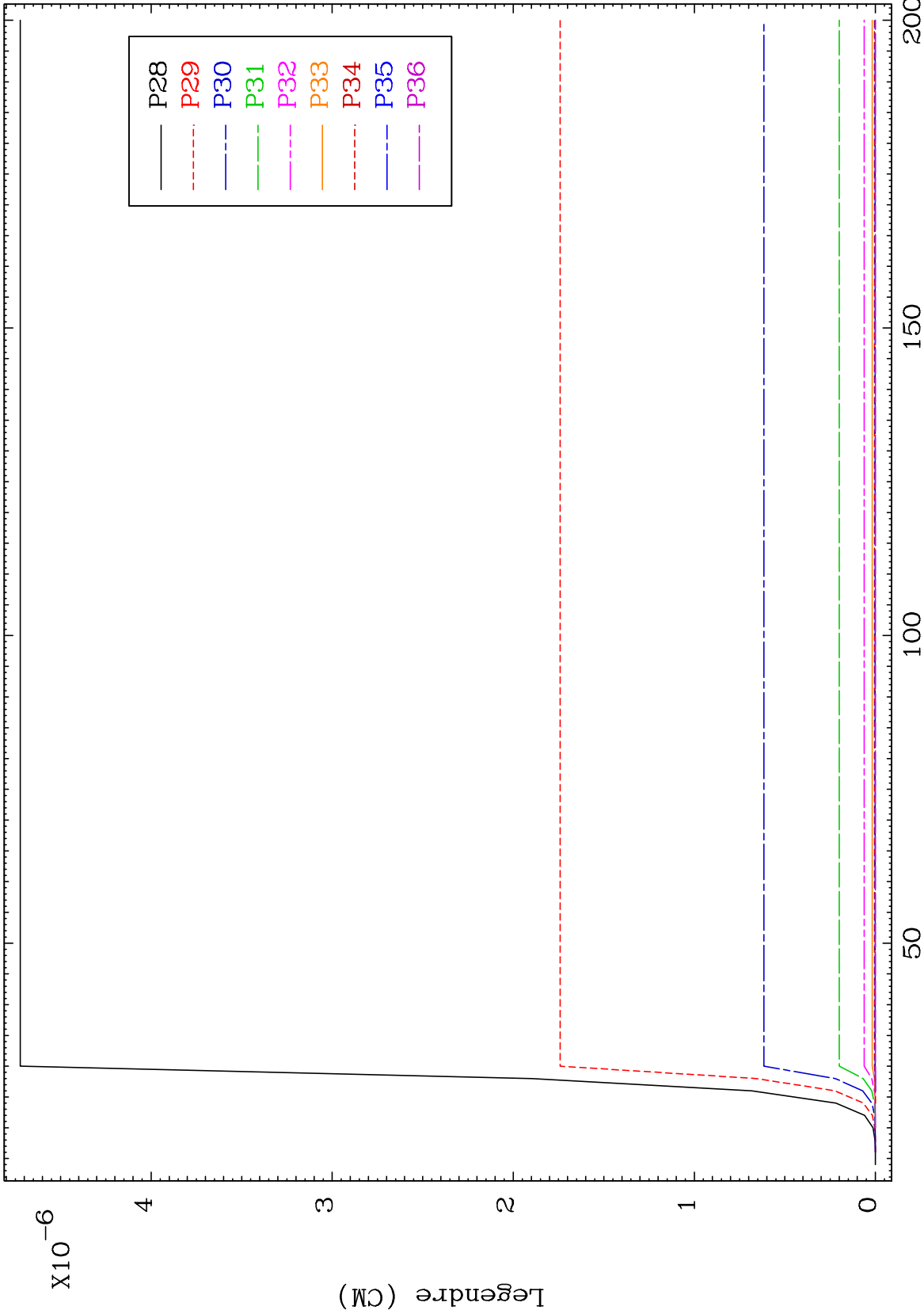
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149

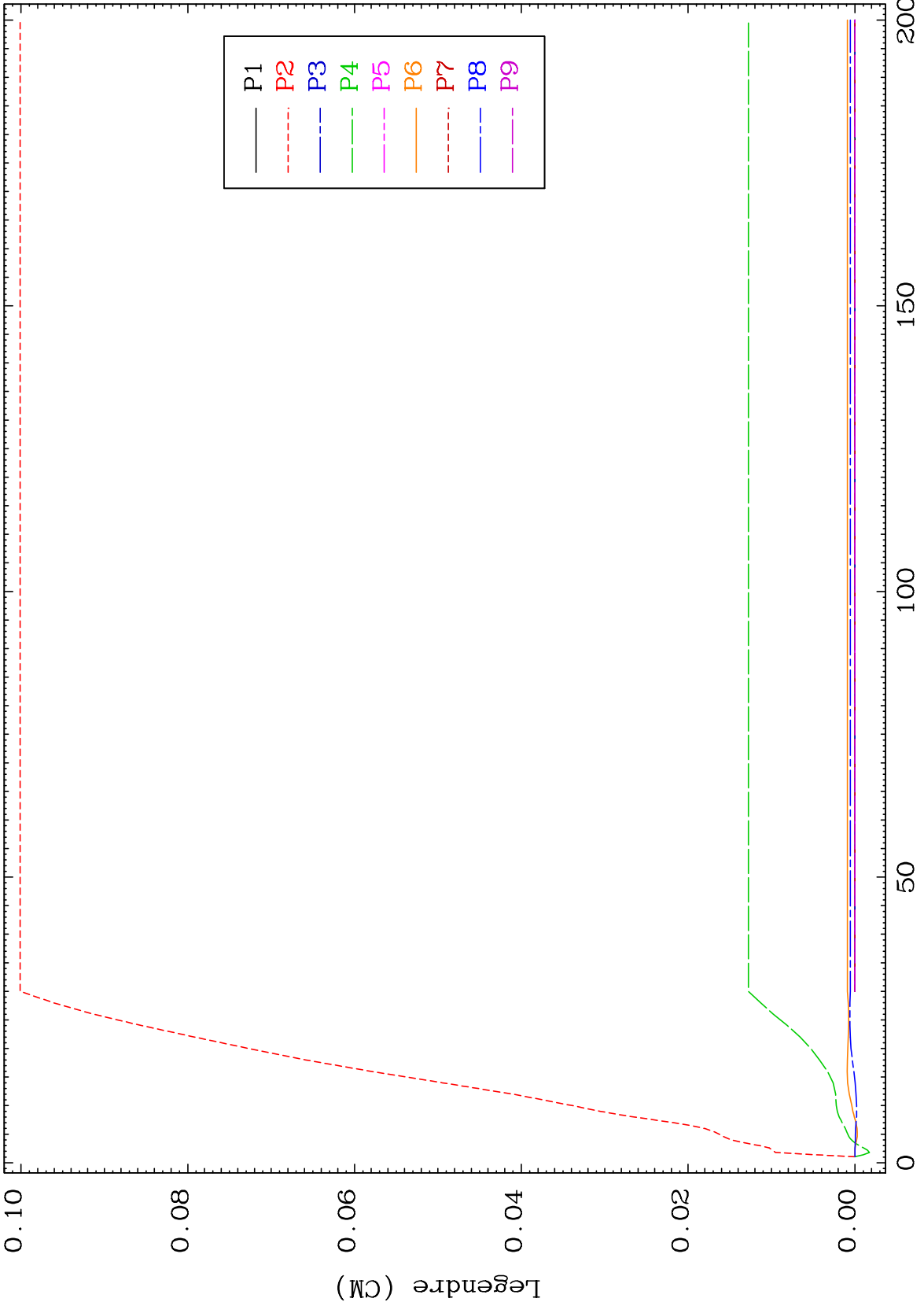


111

Incident Energy (MeV)

62-Sm-149

MAT 6240 MT= 77 (n,n') Level Legendre Coefficients 62-Sm-149

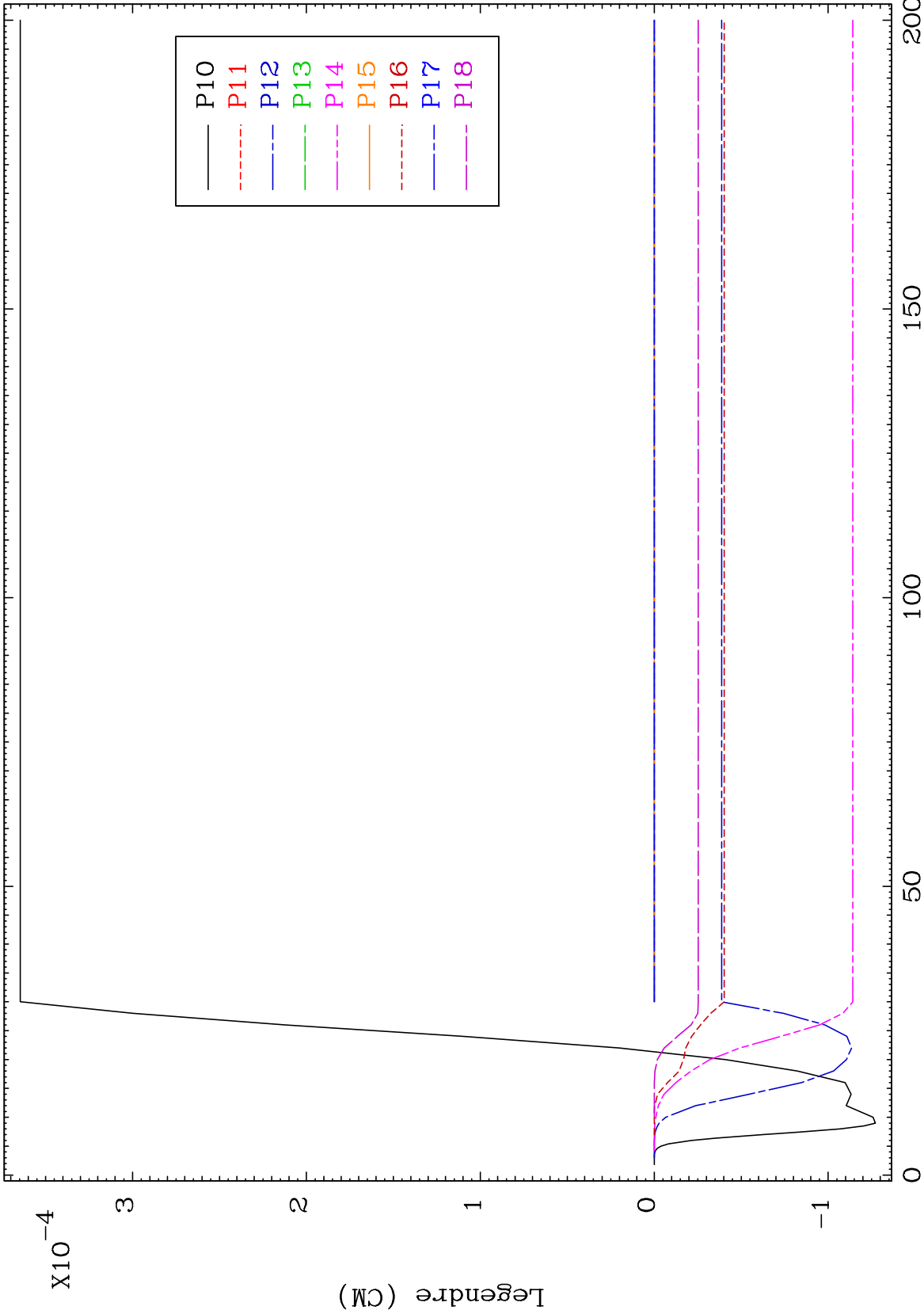


112 Incident Energy (MeV) 62-Sm-149

MAT 6240

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

62-Sm-149



113

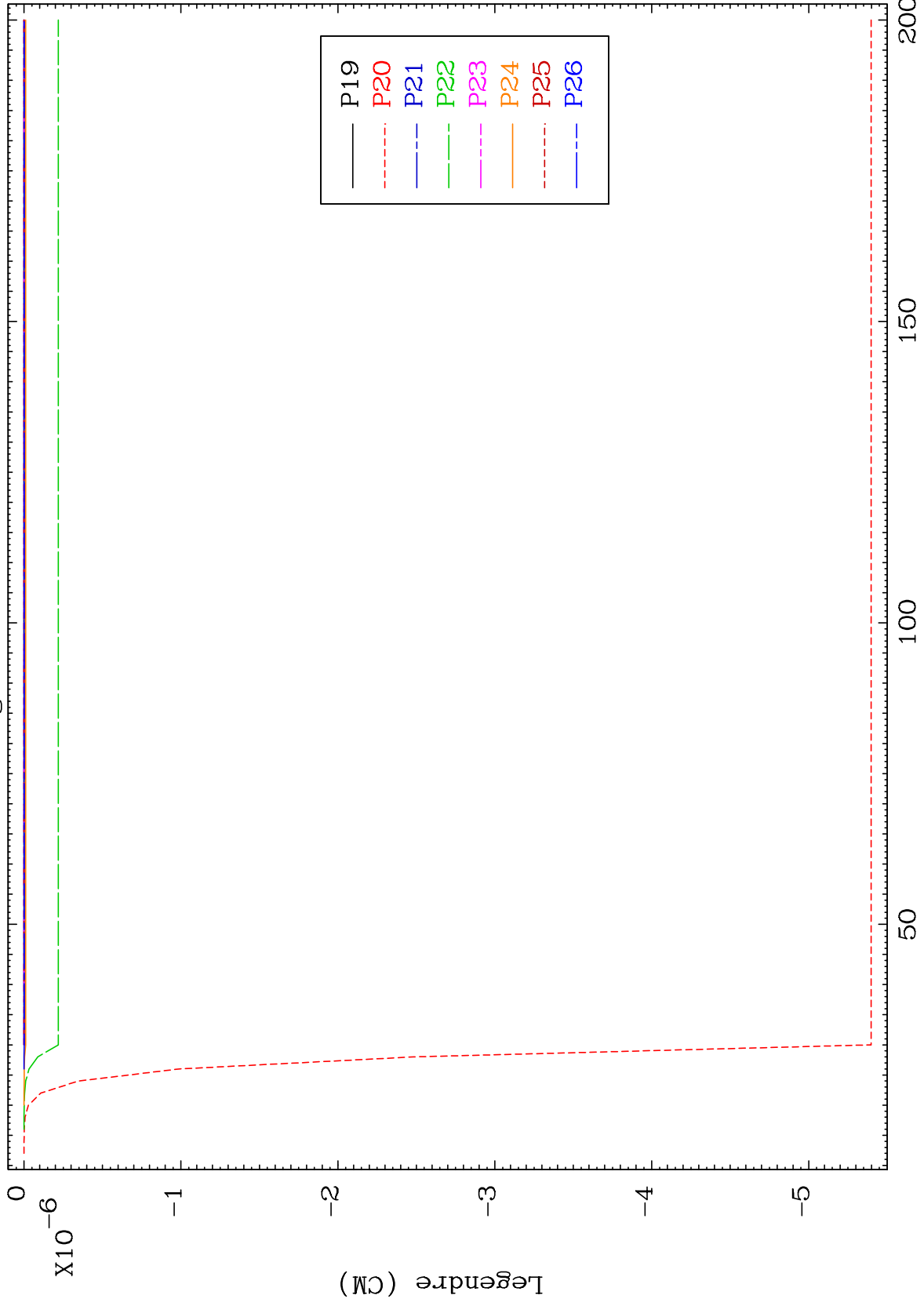
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



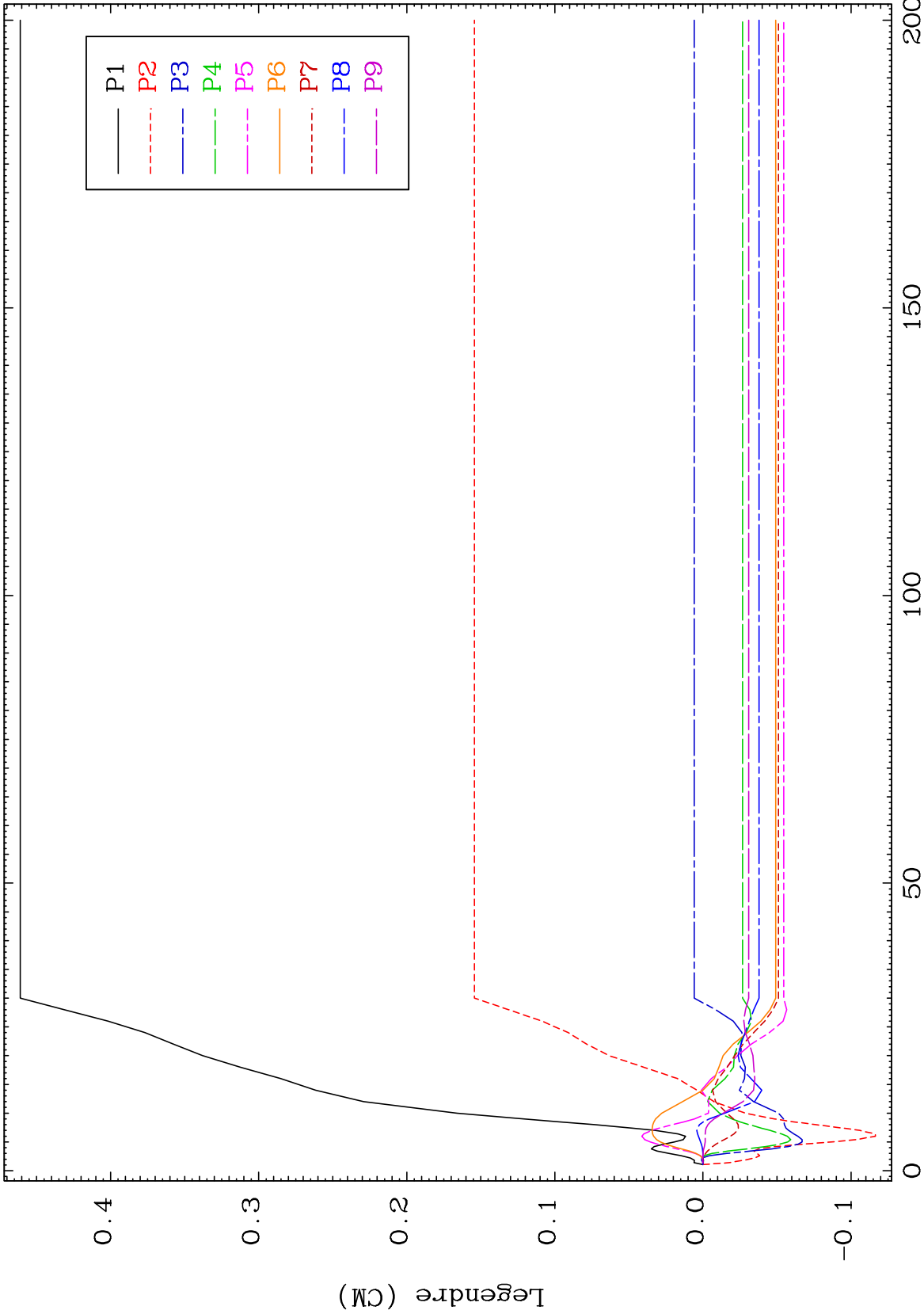
114

62-Sm-149

MAT 6240

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

62-Sm-149



115

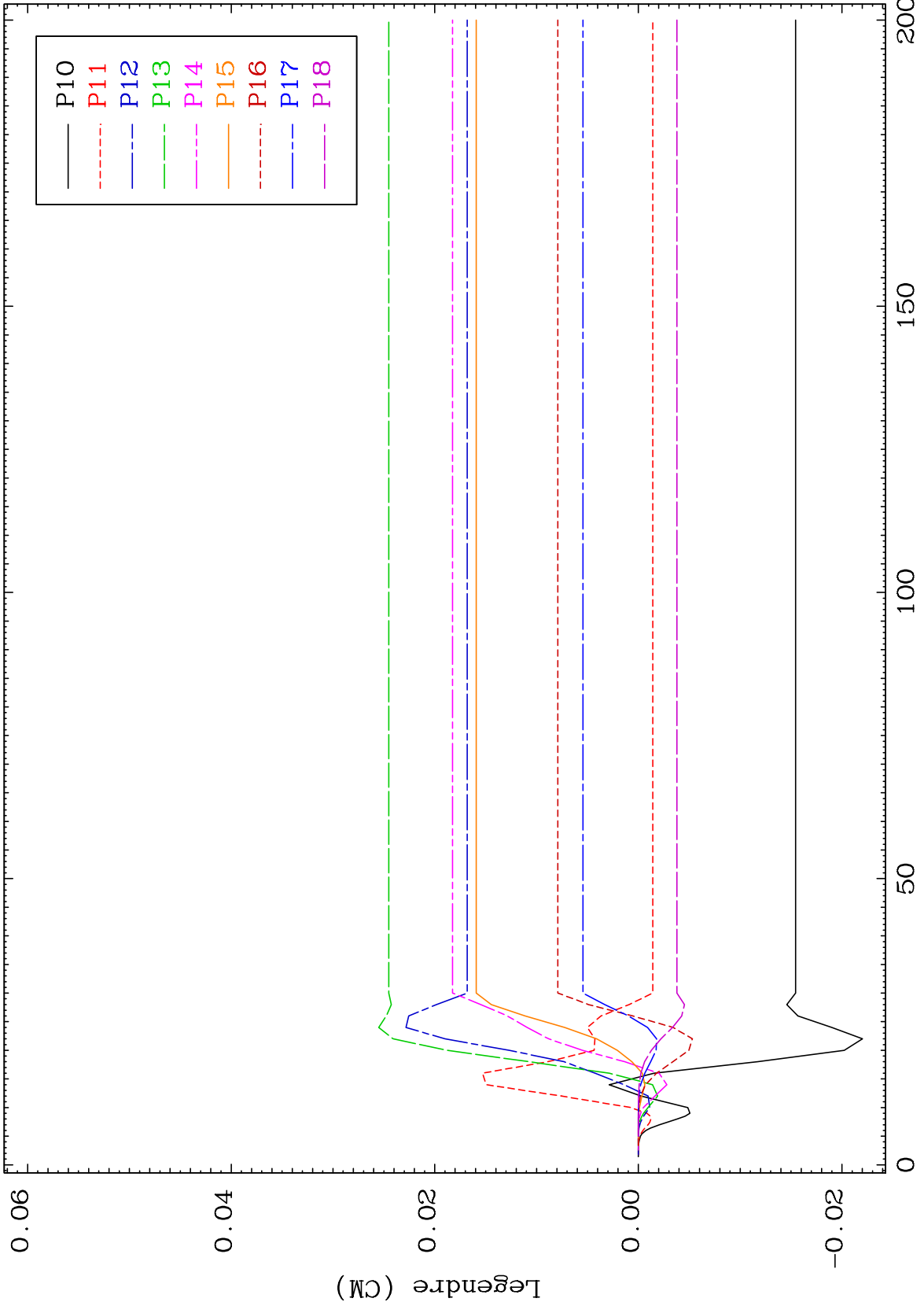
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



116

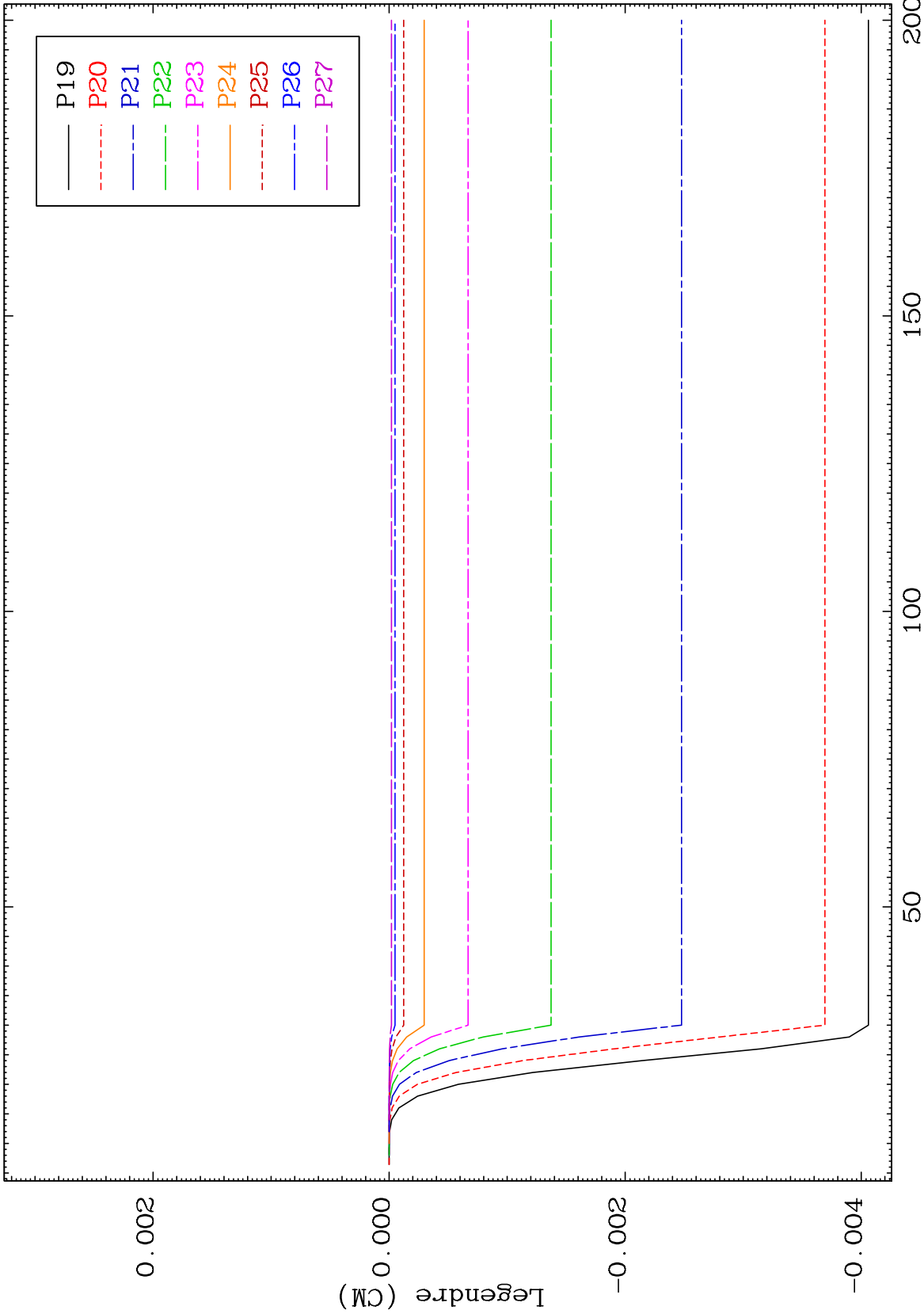
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



117

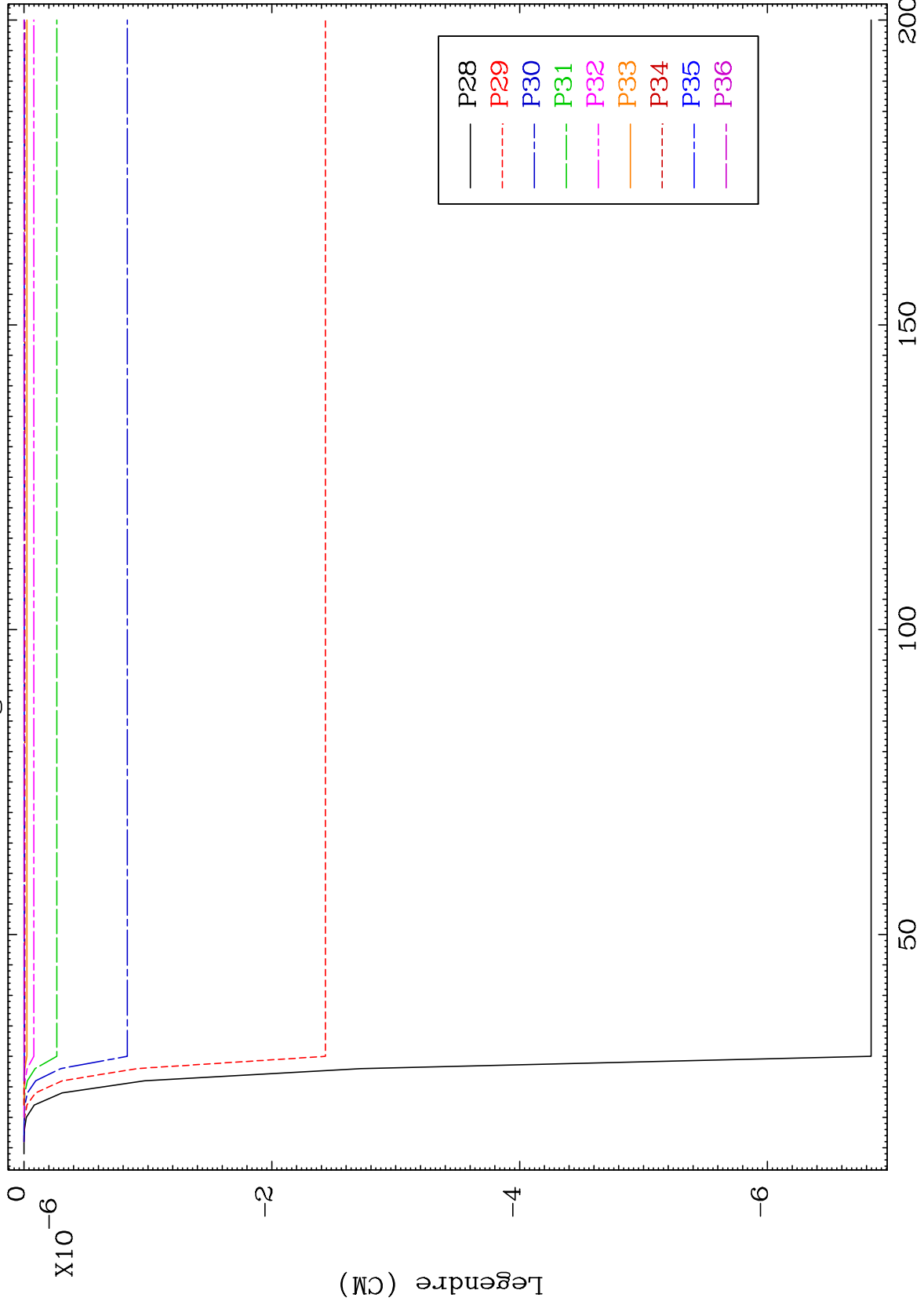
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



62-Sm-149

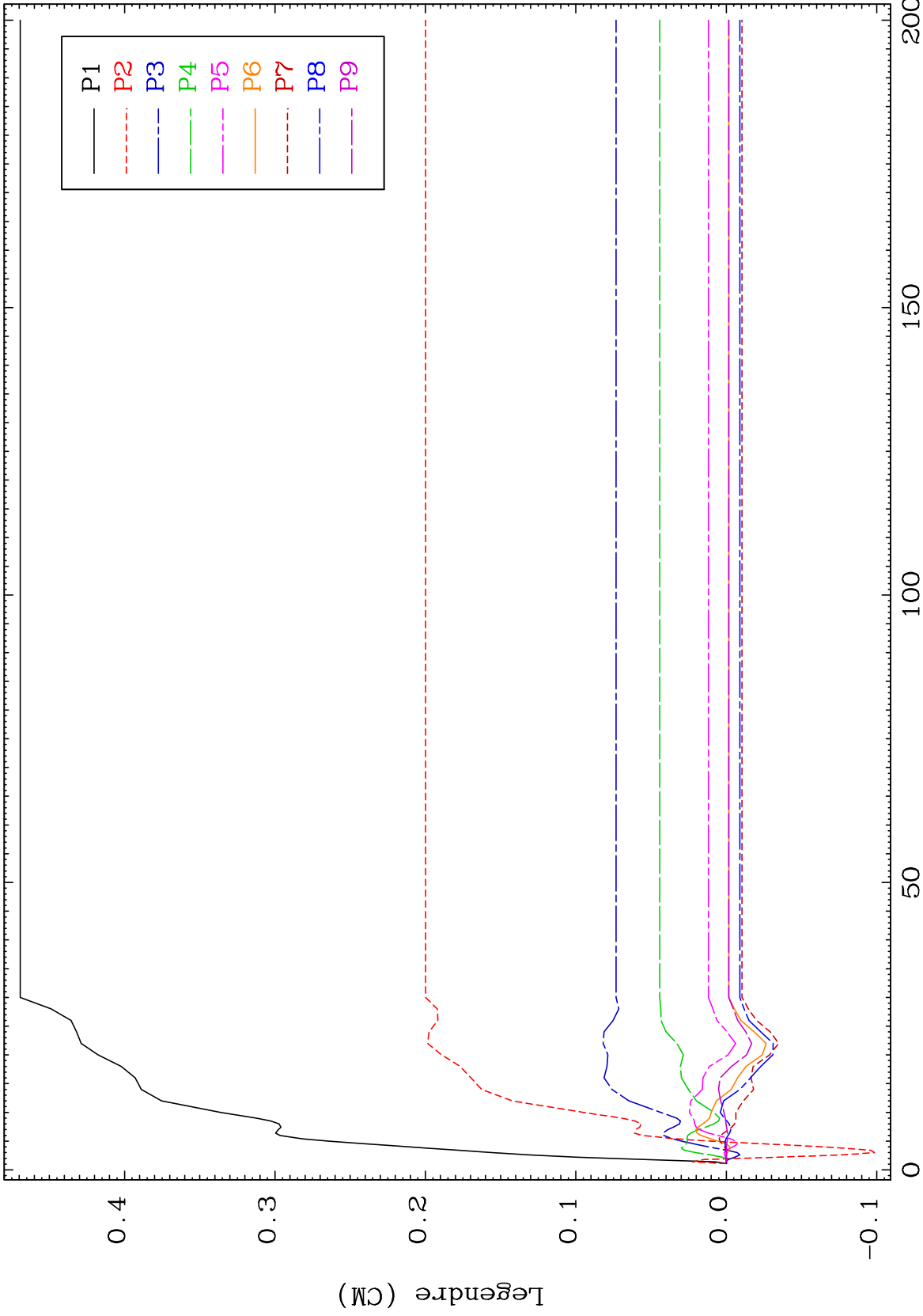
Incident Energy (MeV)

118

MAT 6240

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

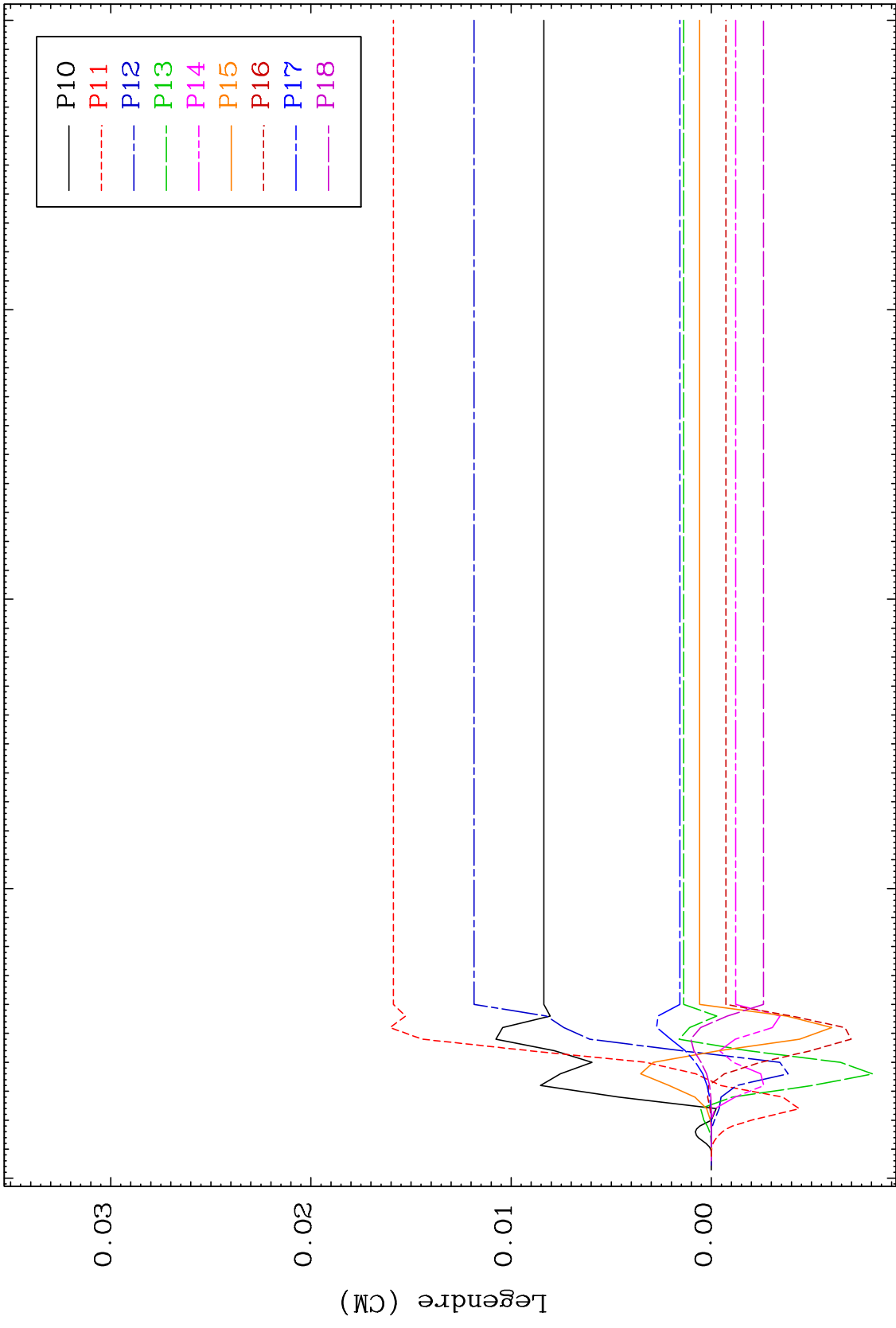
62-Sm-149



119

62-Sm-149

MAT 6240 MT= 79 (n,n') Level Legendre Coefficients 62-Sm-149

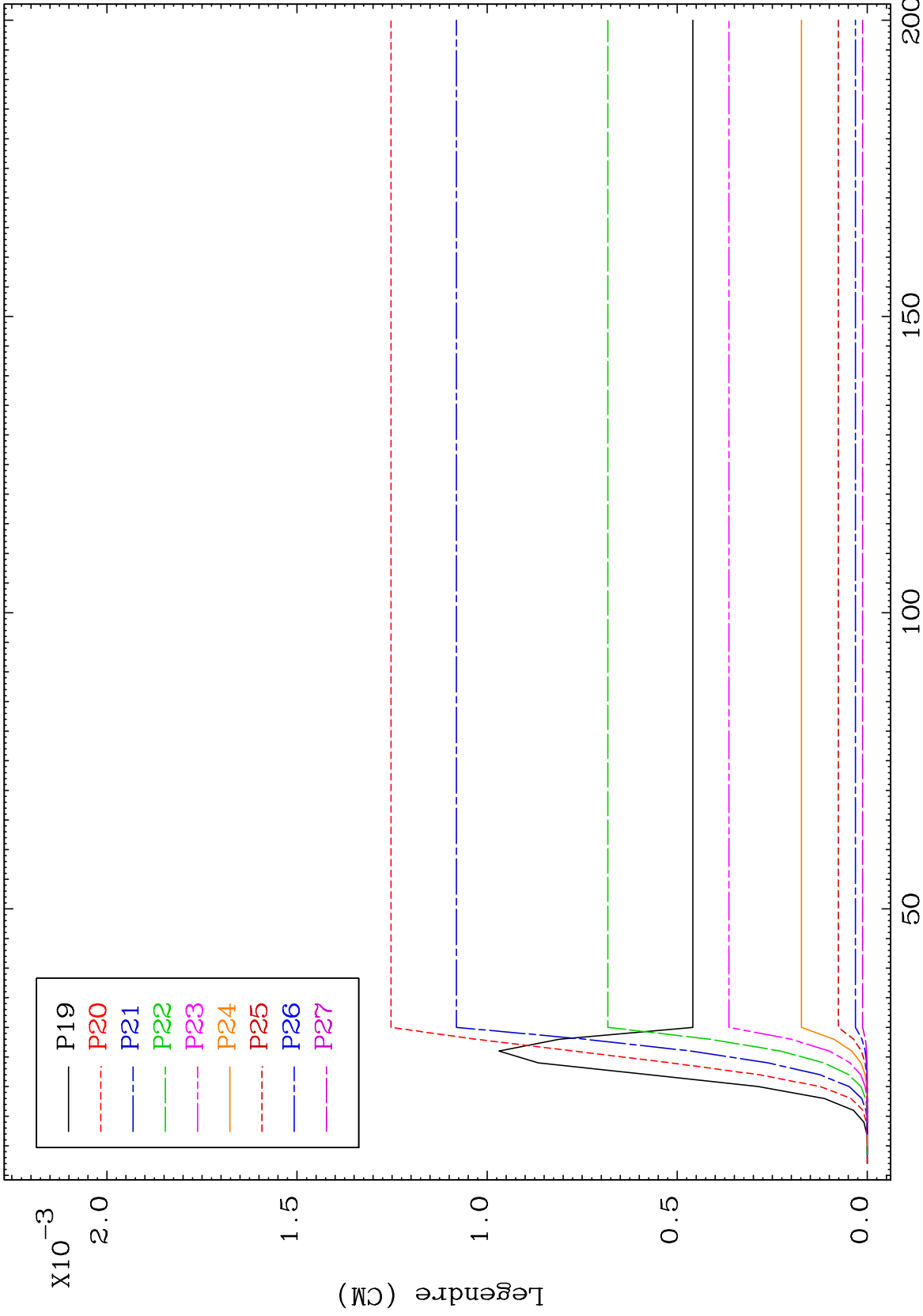


120 Incident Energy (MeV) 62-Sm-149

MAT 6240

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

62-Sm-149



121

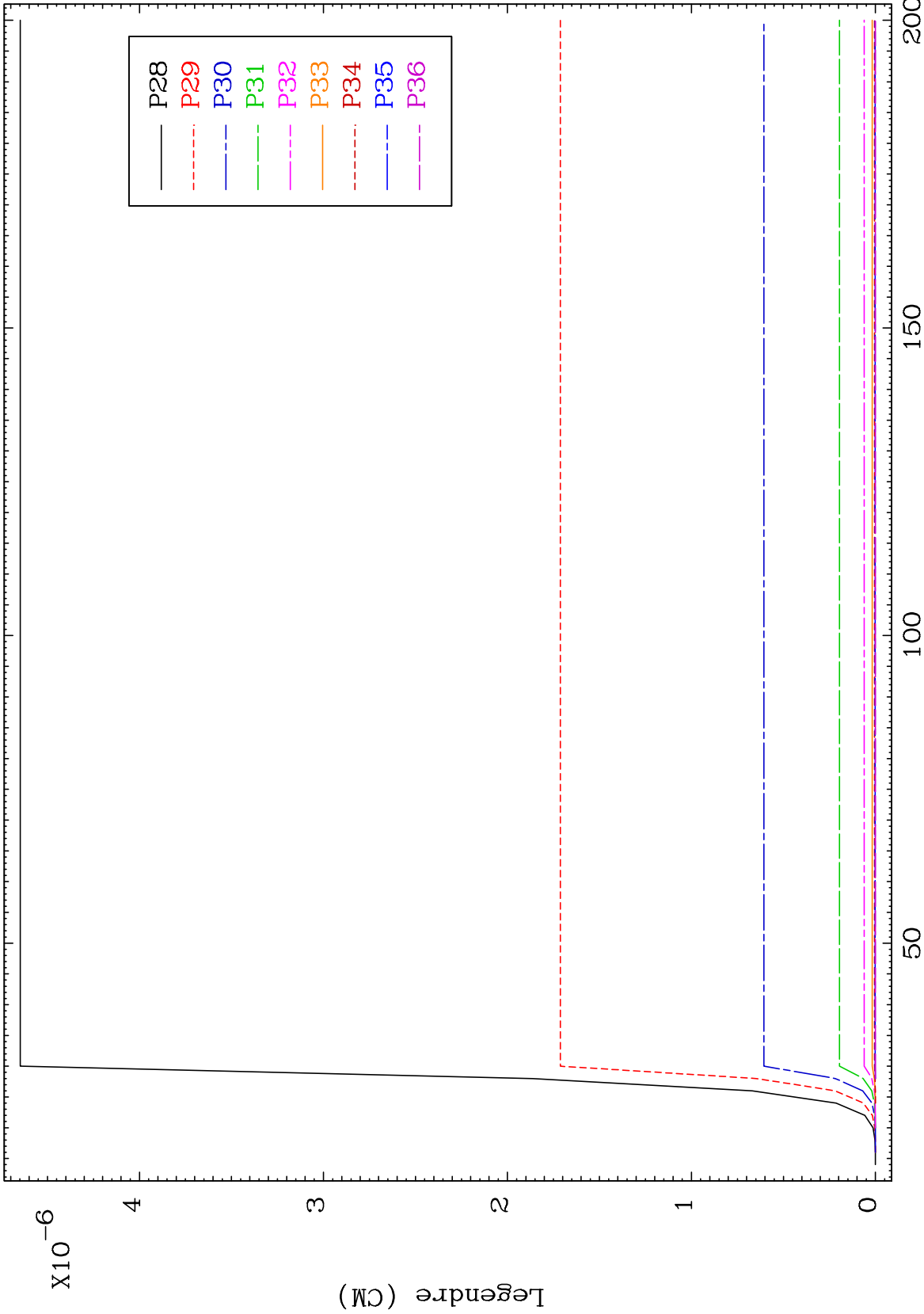
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



122

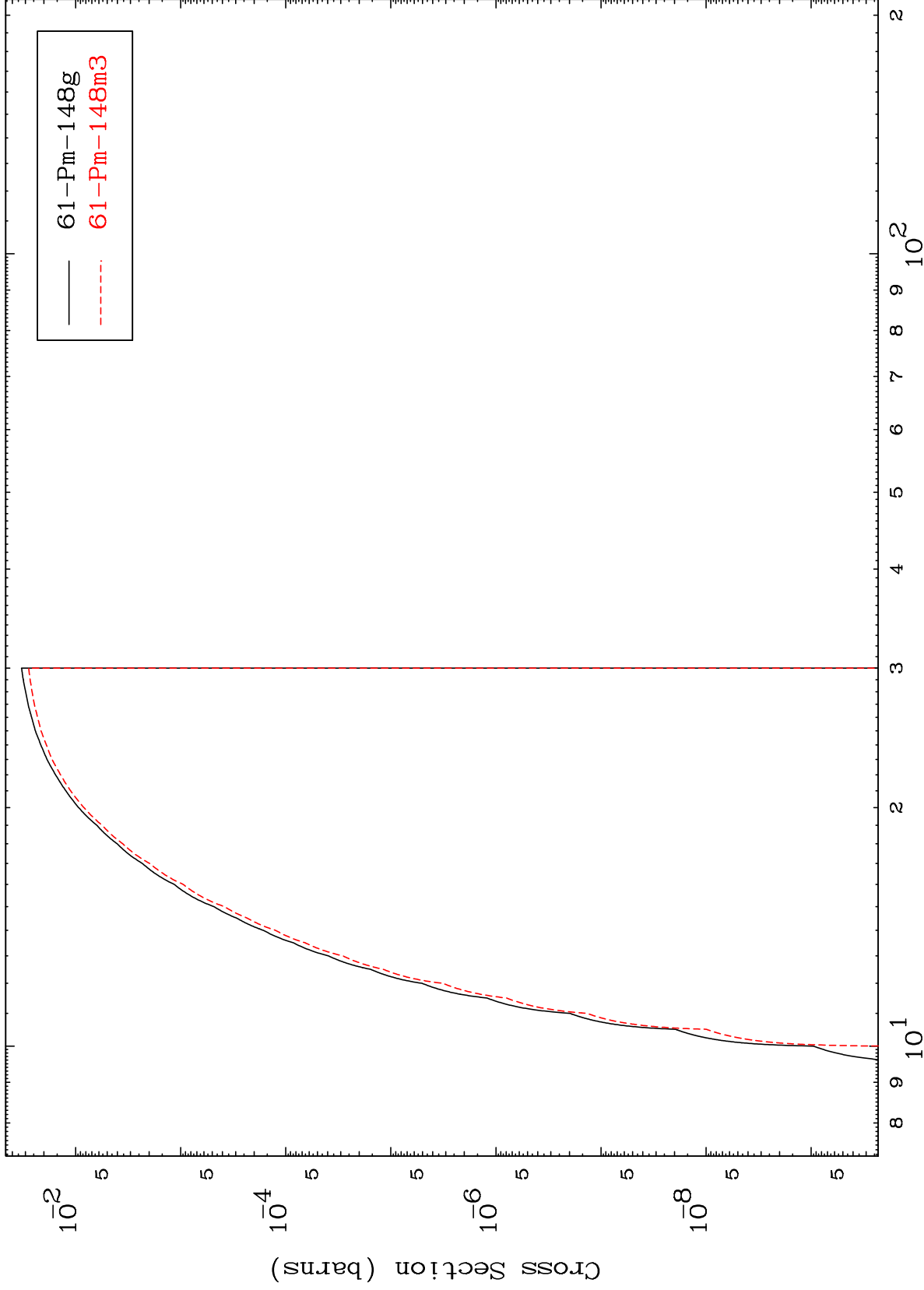
62-Sm-149

MAT 6240

(n,n') p

62-Sm-149

Radionuclide Production Cross Section



123

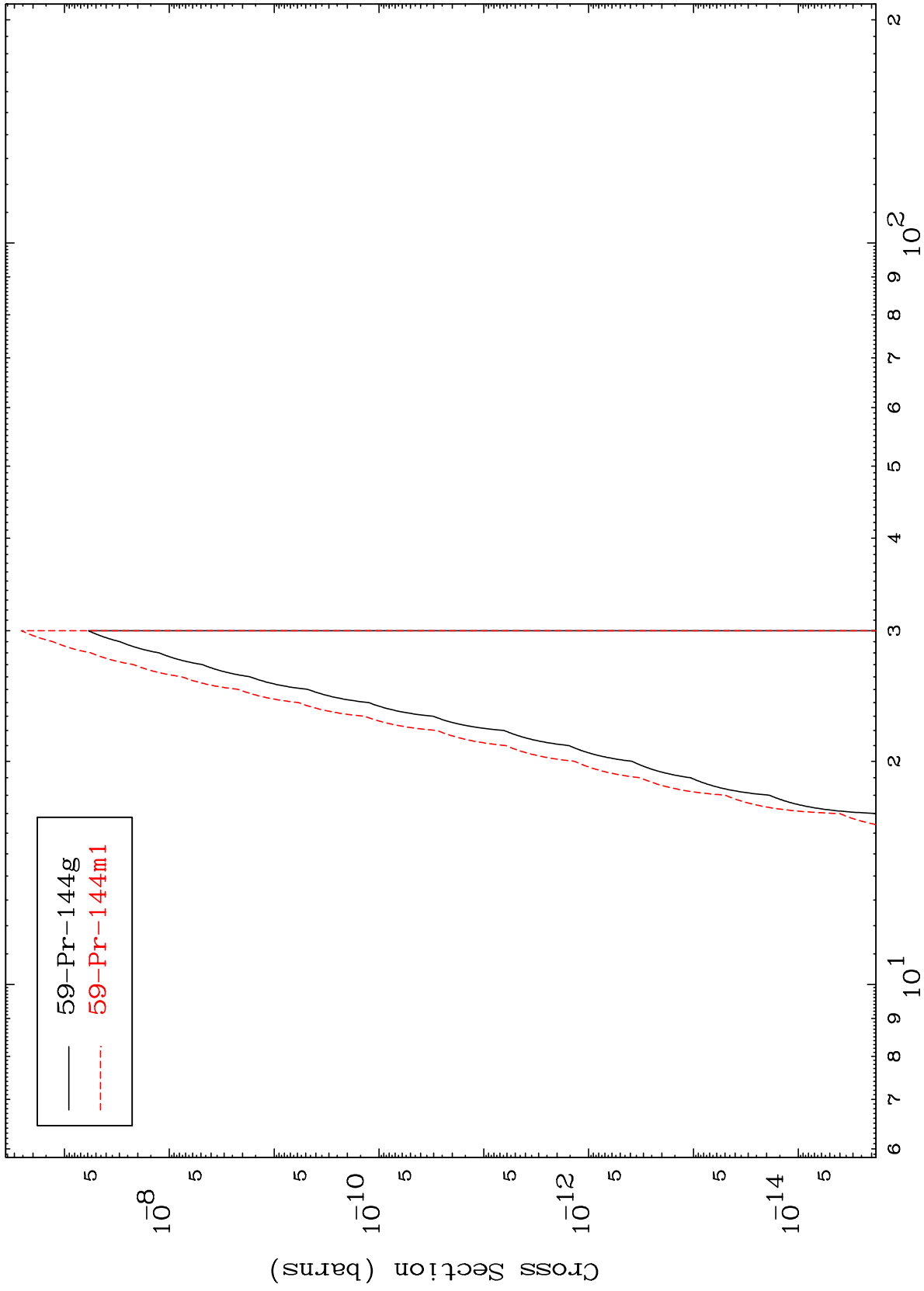
Incident Energy (MeV)

62-Sm-149

MAT 6240

62-Sm-149

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



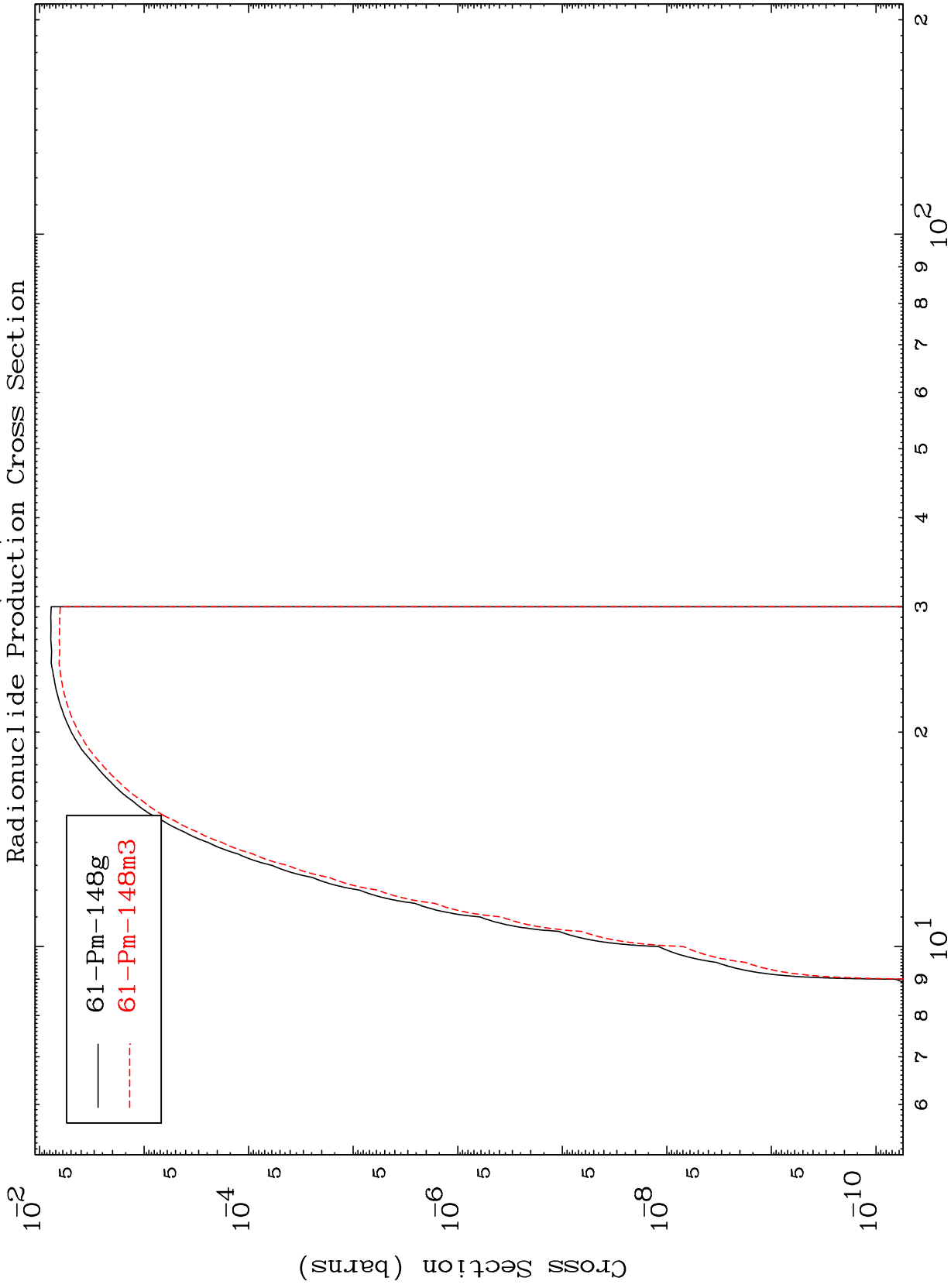
124

62-Sm-149

MAT 6240

62-Sm-149

(n,d)
Radionuclide Production Cross Section

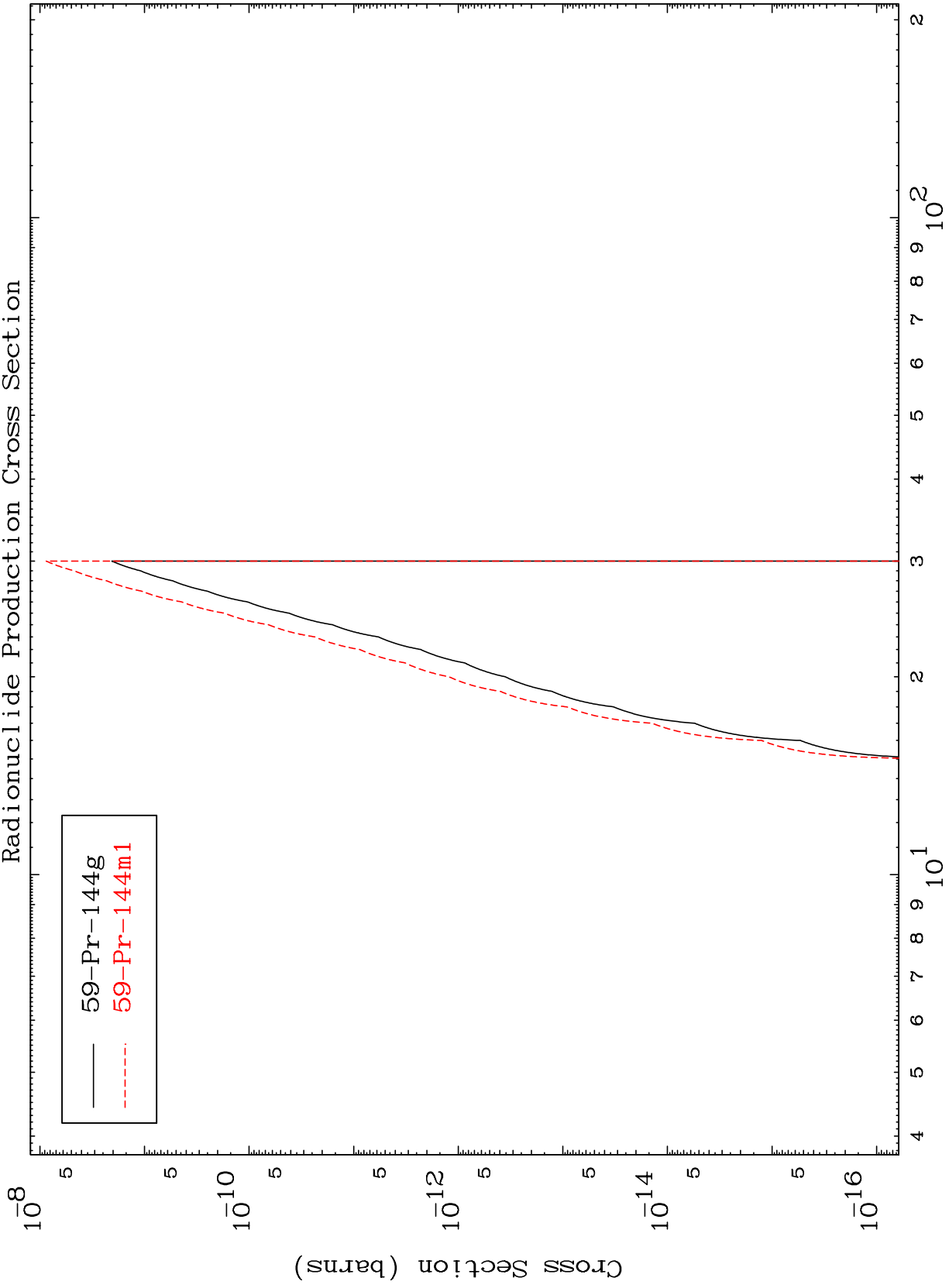


125

MAT 6240

62-Sm-149

(n,d) α
Radionuclide Production Cross Section



126

62-Sm-149