

Program EVALPLOT
(Version 2018-1)

by

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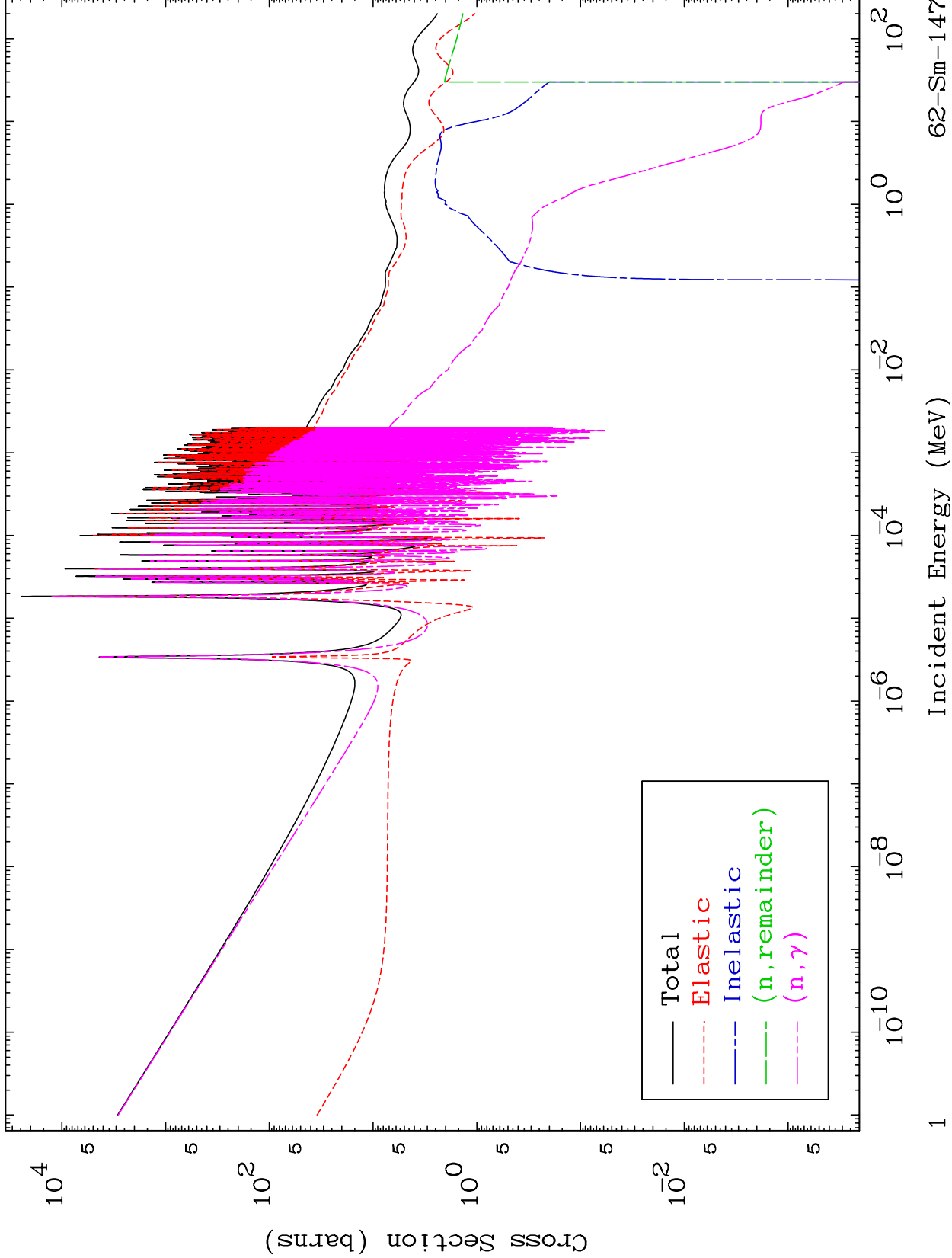
Press Mouse Button to Start

MAT 6234

Major

293 Kelvin Cross Sections

62-Sm-147



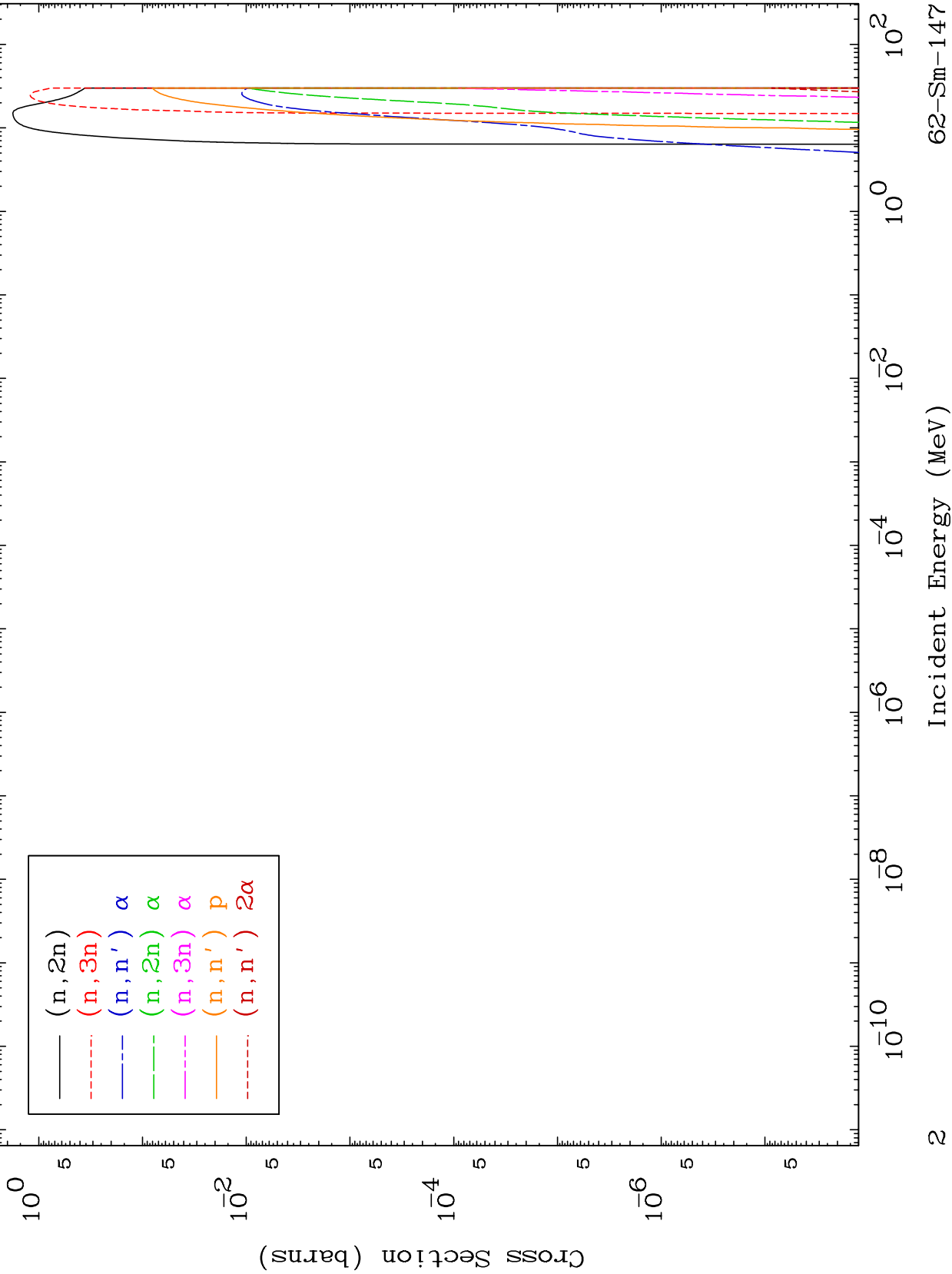
62-Sm-147

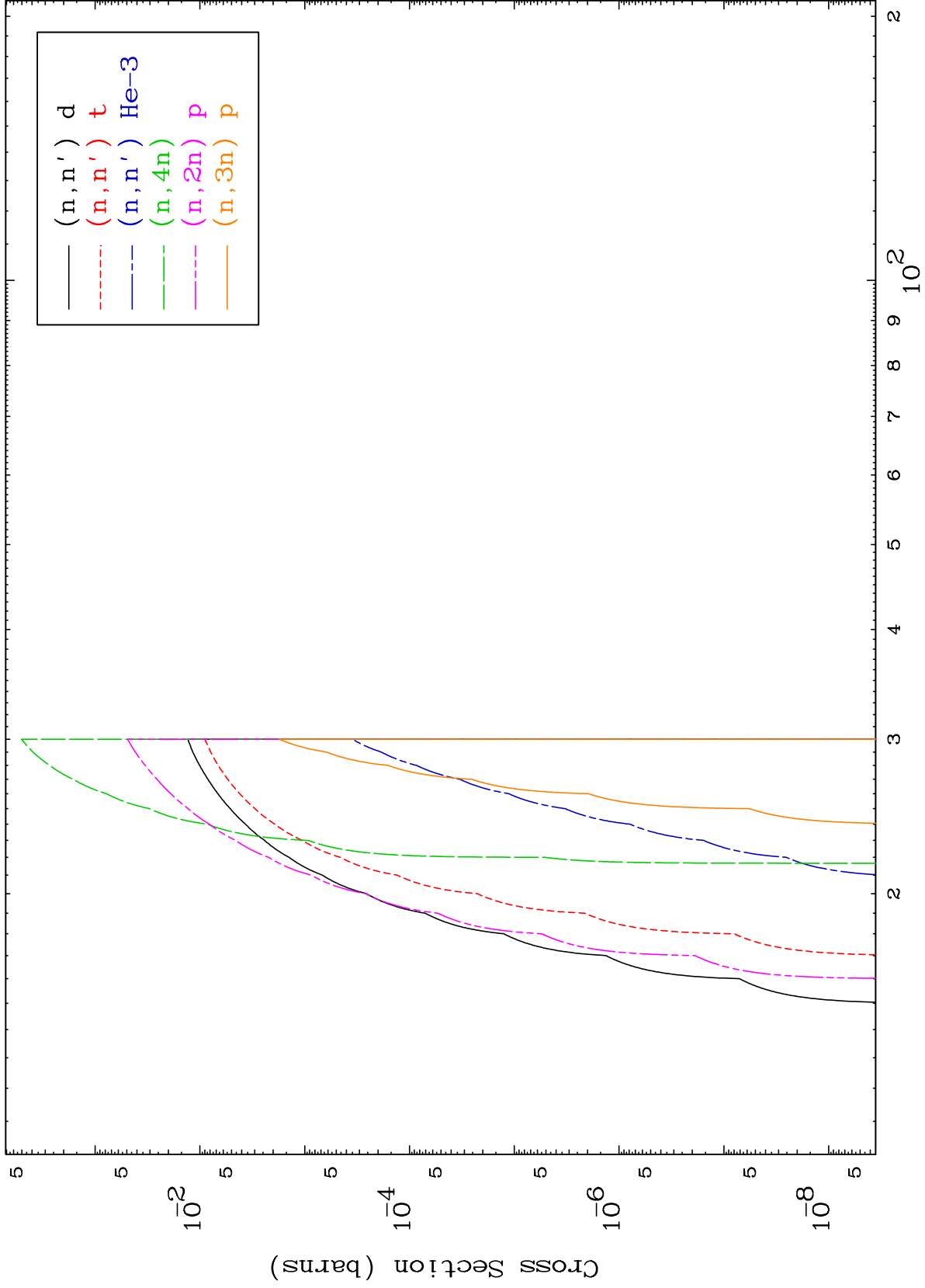
Incident Energy (MeV)

MAT 6234

Neutron Production
293 Kelvin Cross Sections

62-Sm-147

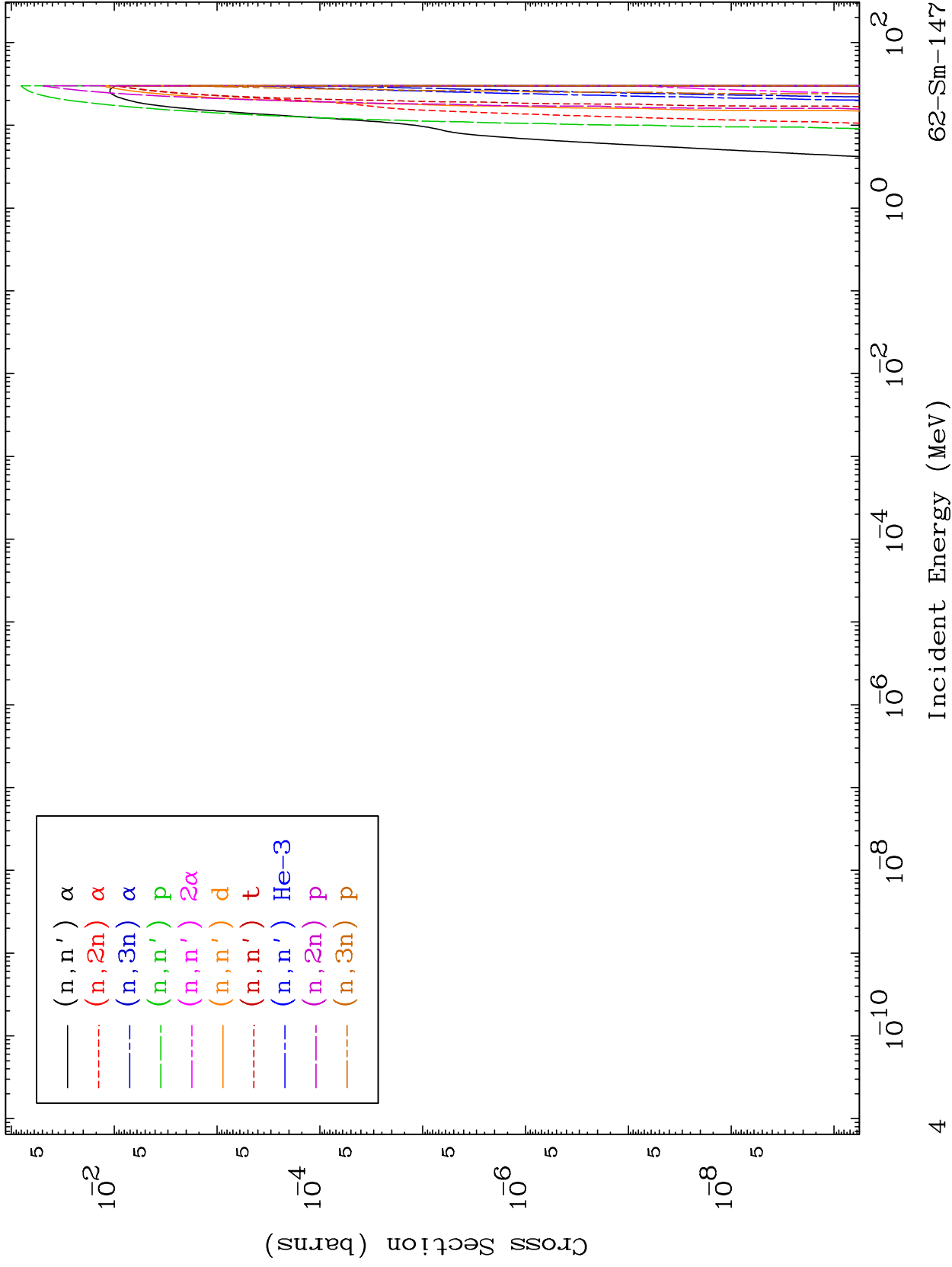




MAT 6234

Charged Particle
293 Kelvin Cross Sections

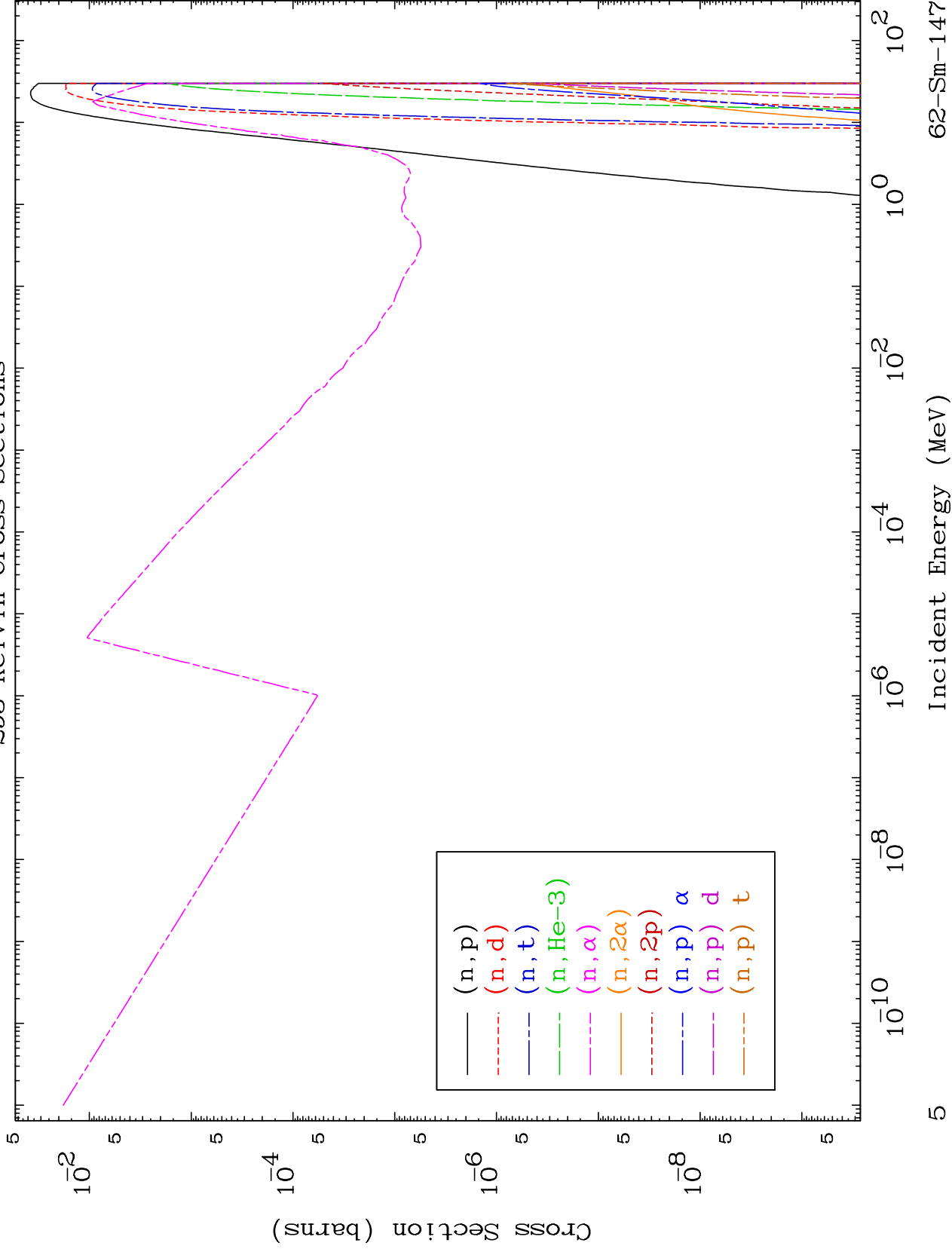
62-Sm-147



MAT 6234

Charged Particle
293 Kelvin Cross Sections

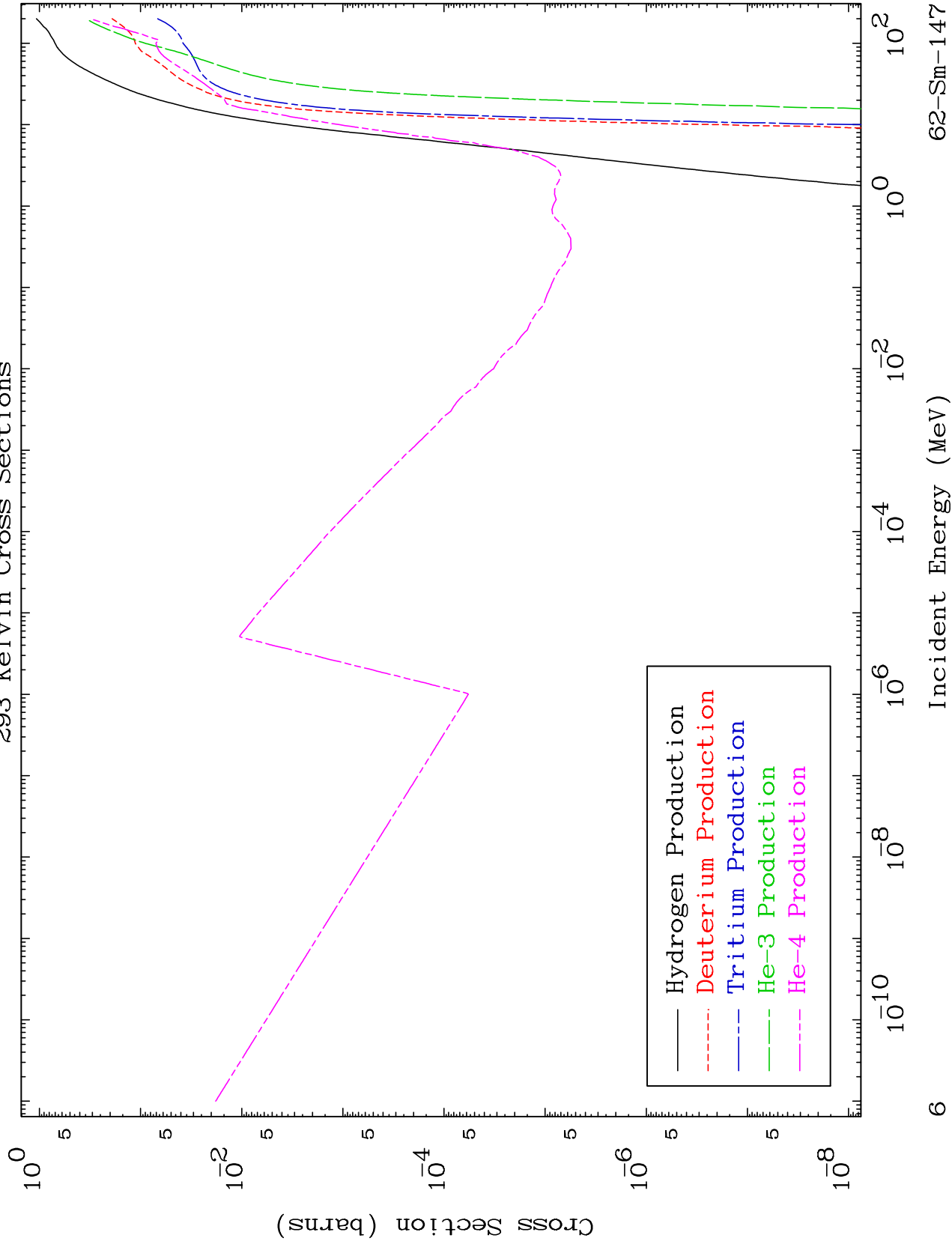
62-Sm-147



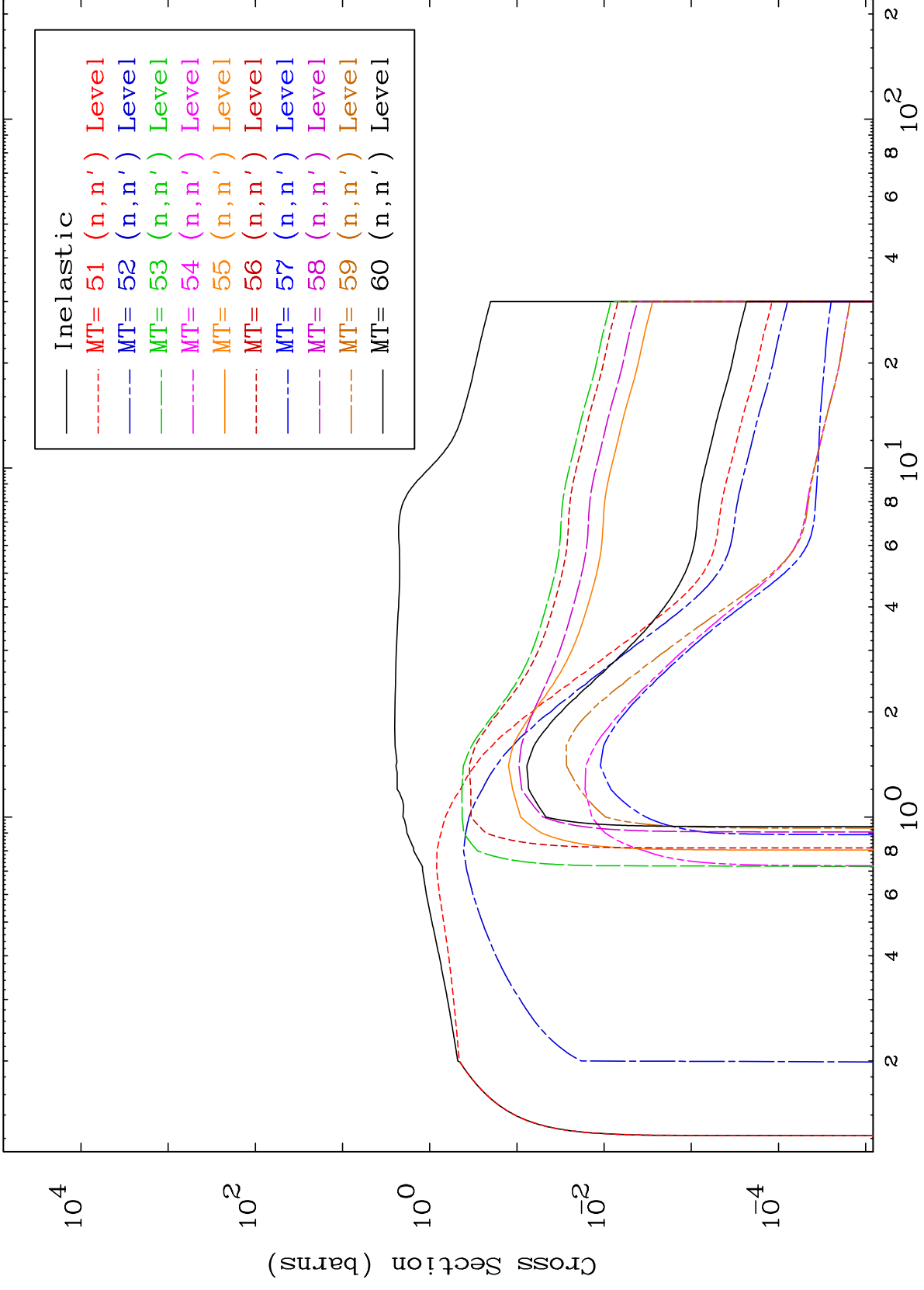
MAT 6234

Particle Production
293 Kelvin Cross Sections

62-Sm-147



293 Kelvin Cross Sections

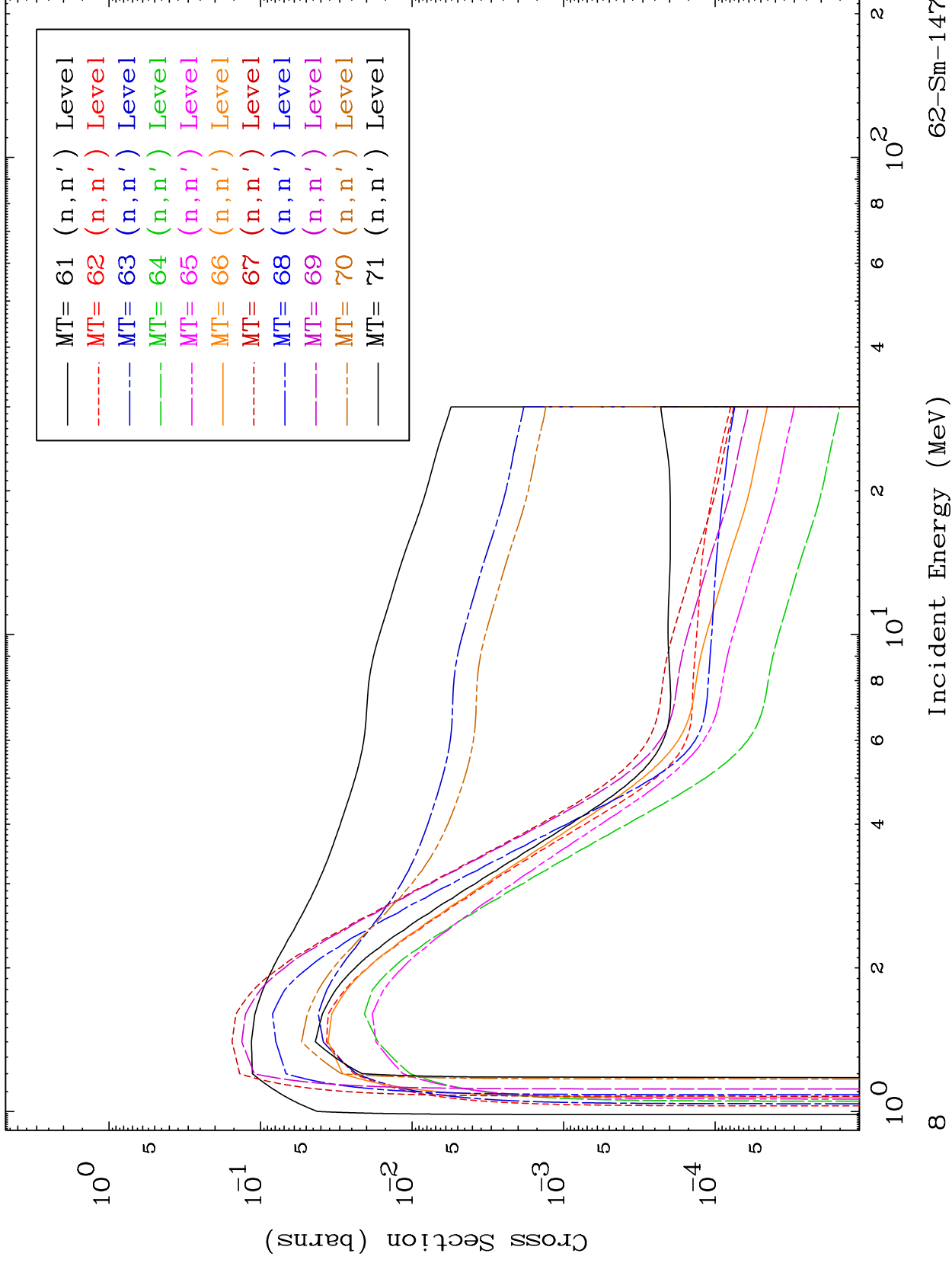


MAT 6234

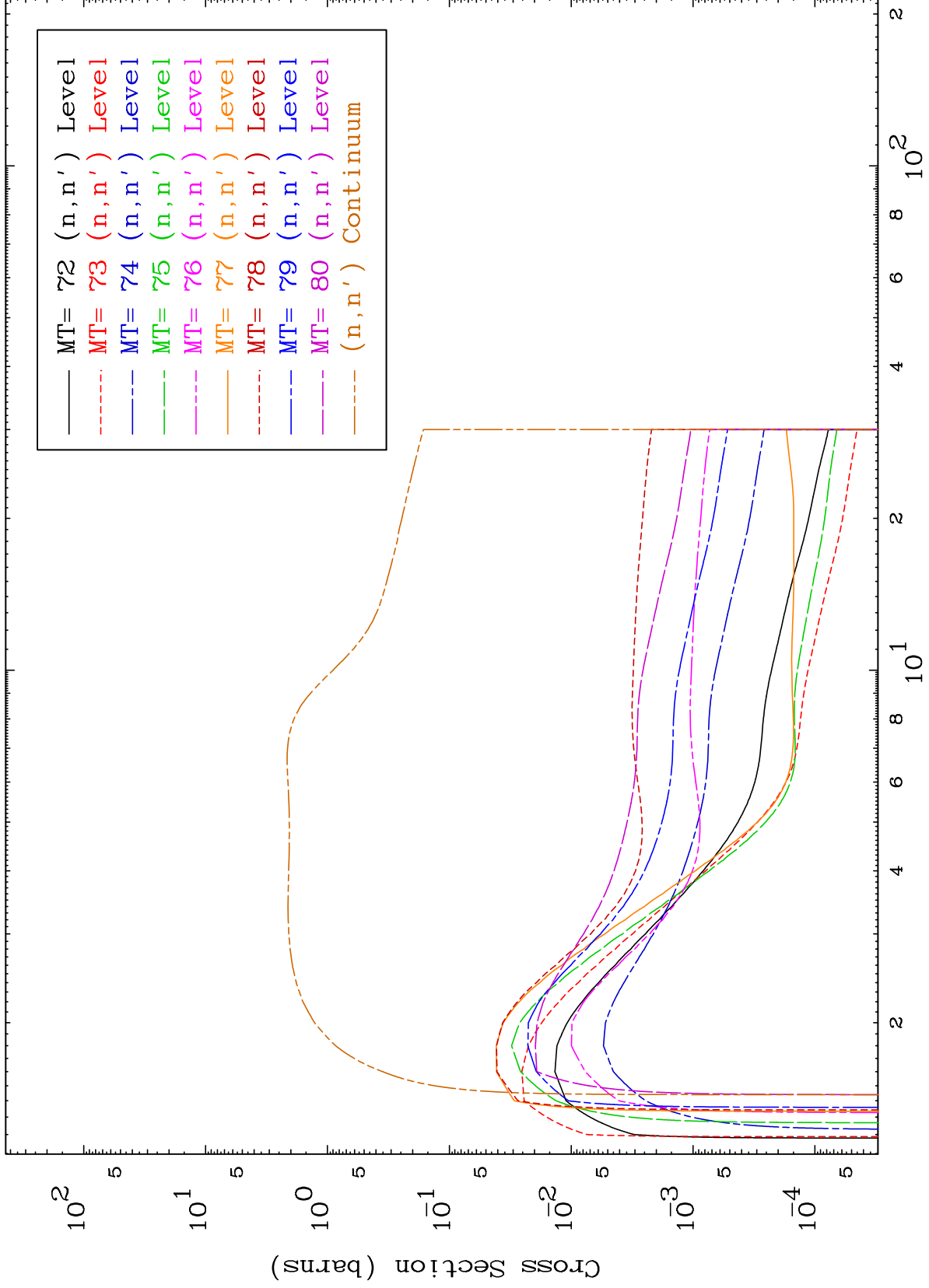
(n,n') Level

62-Sm-147

293 Kelvin Cross Sections



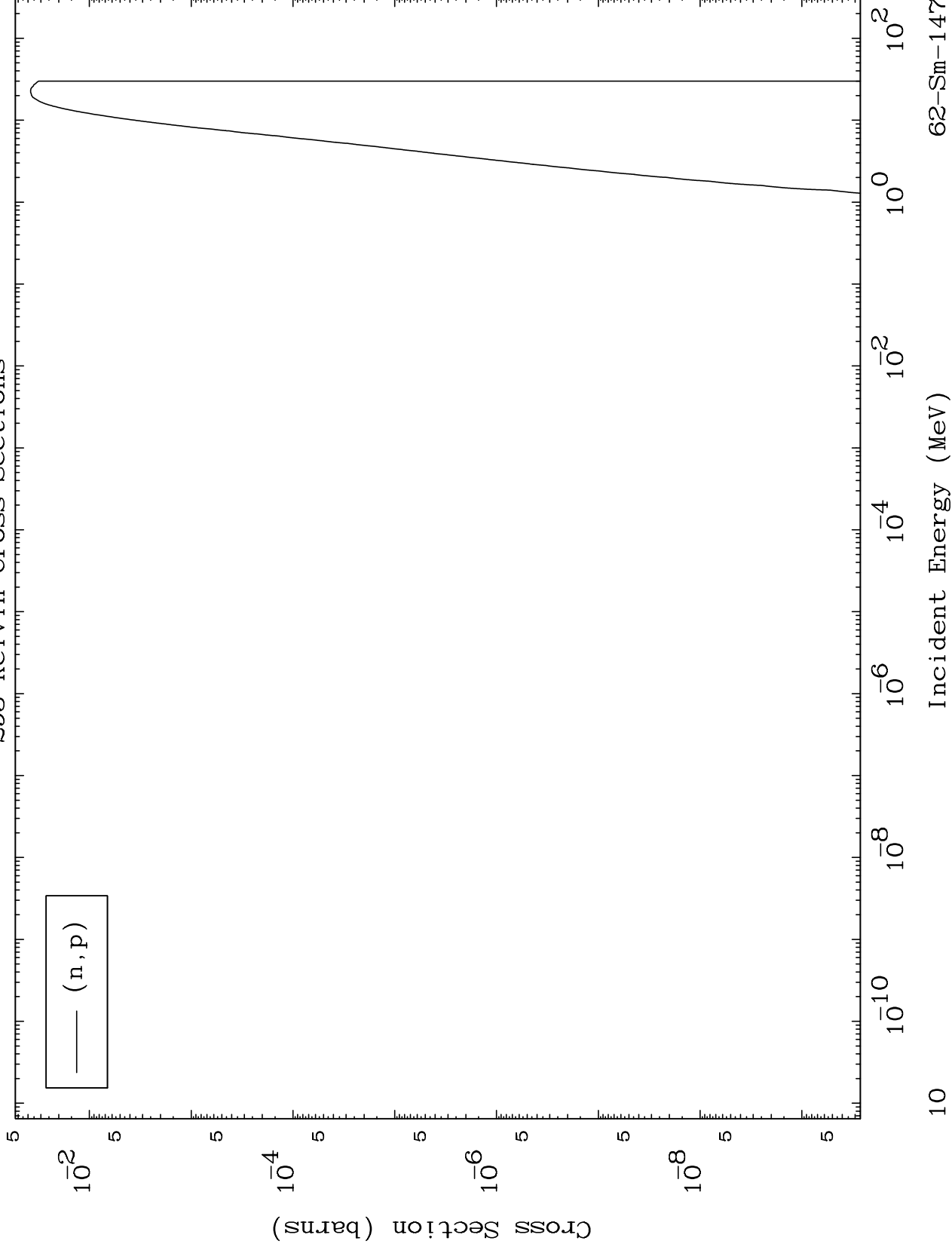
293 Kelvin Cross Sections



MAT 6234

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-147

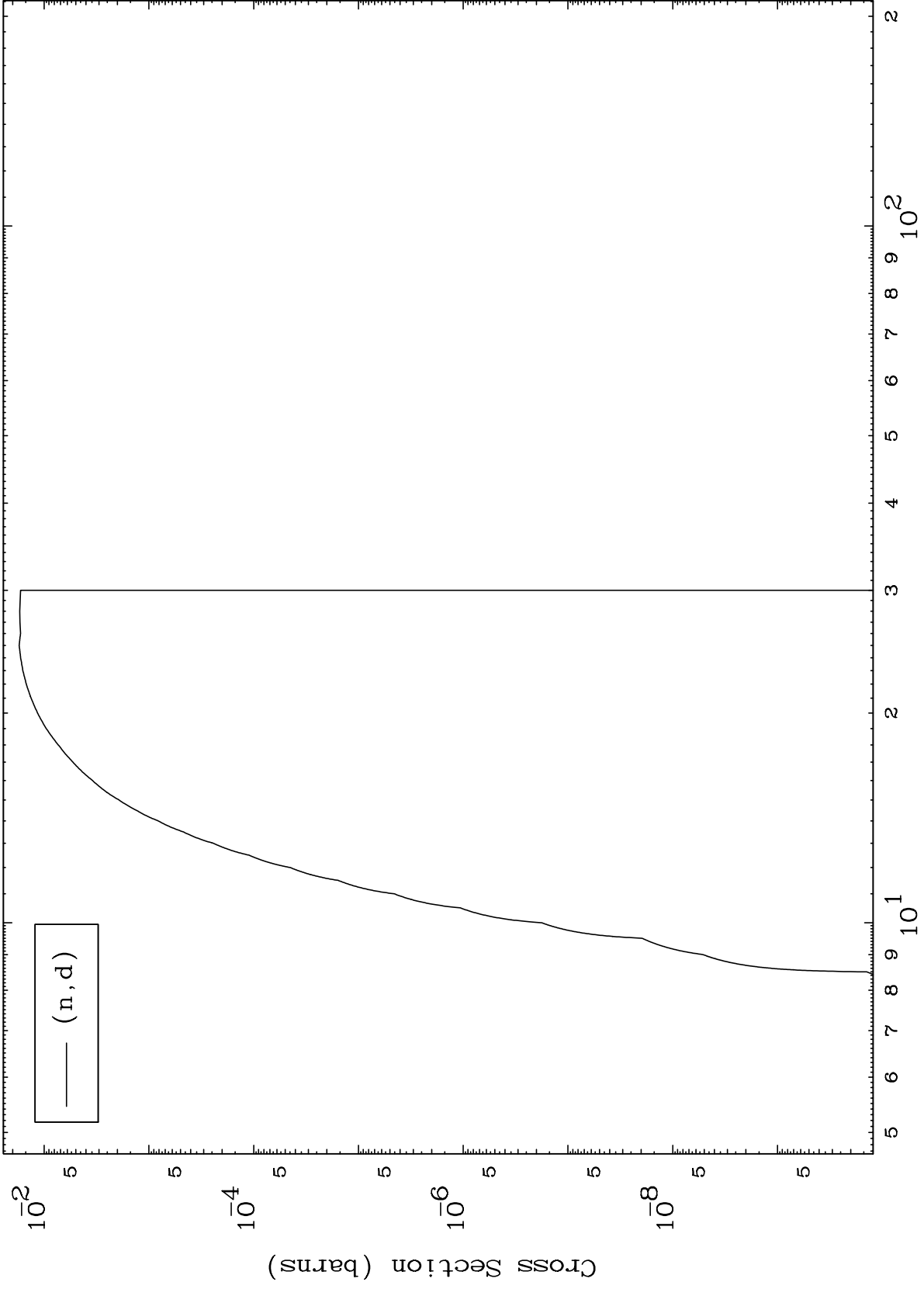


10

MAT 6234

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-147



11

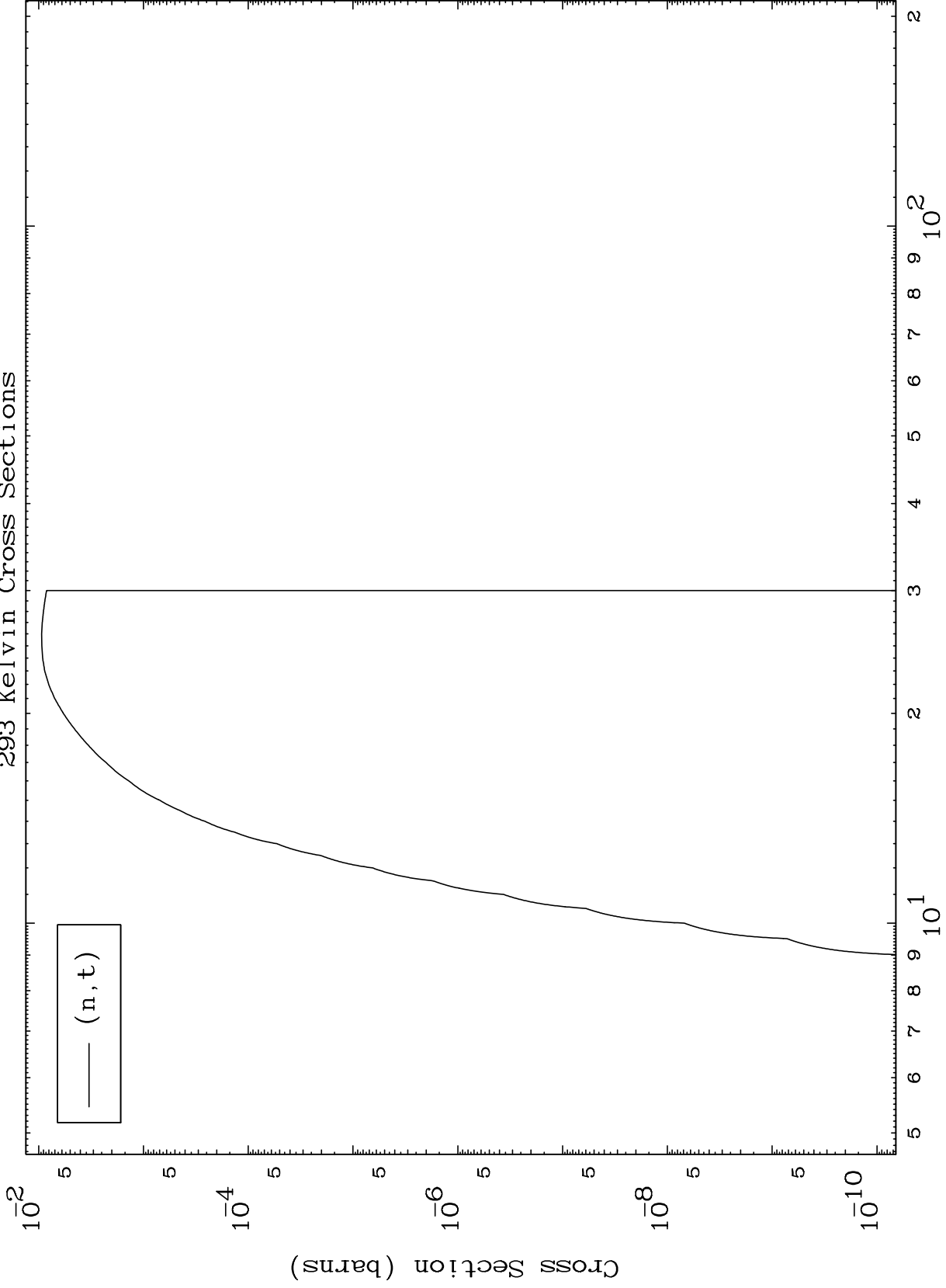
Incident Energy (MeV)

62-Sm-147

MAT 6234

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-147



12

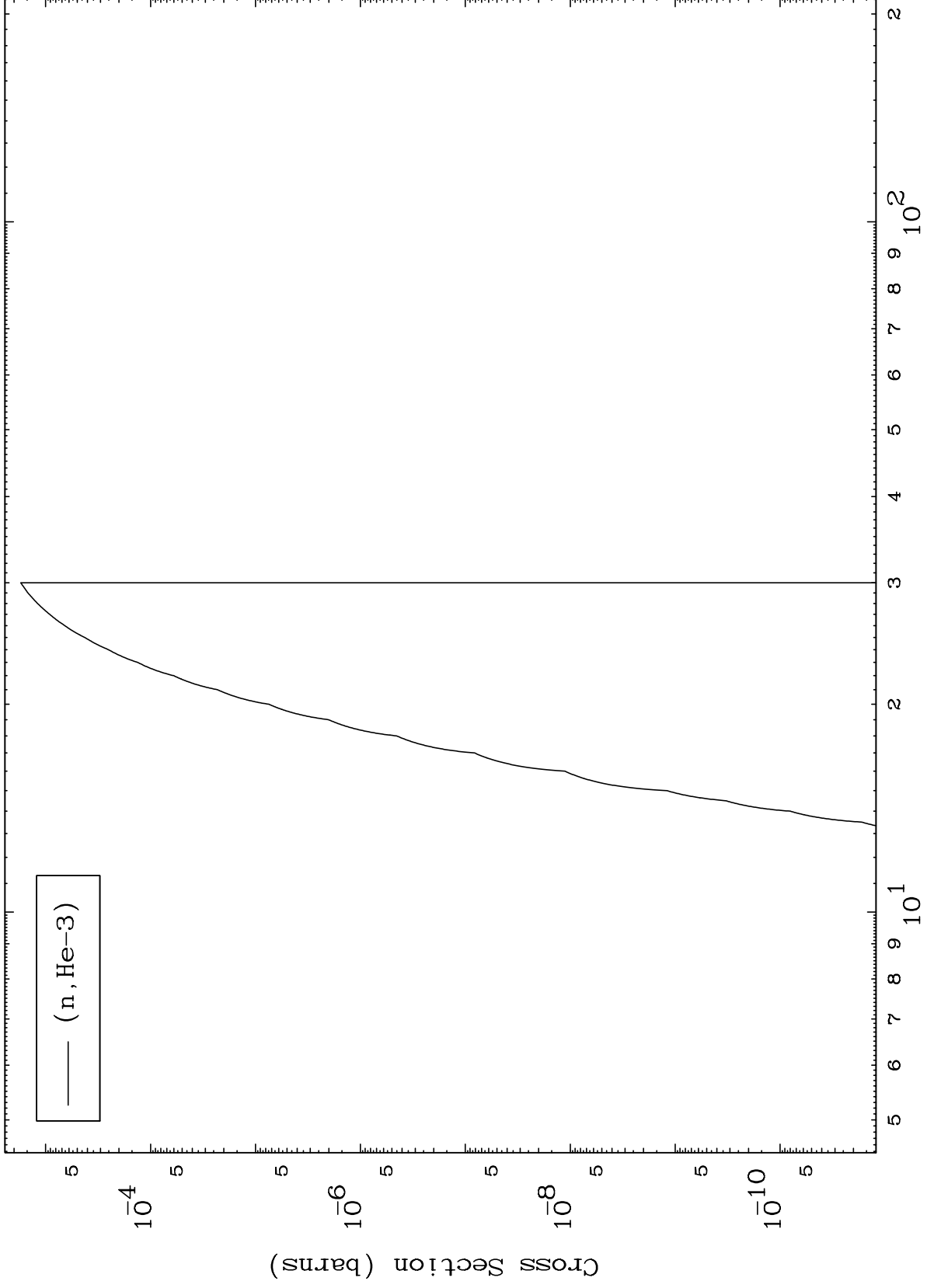
Incident Energy (MeV)

62-Sm-147

MAT 6234

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-147



13

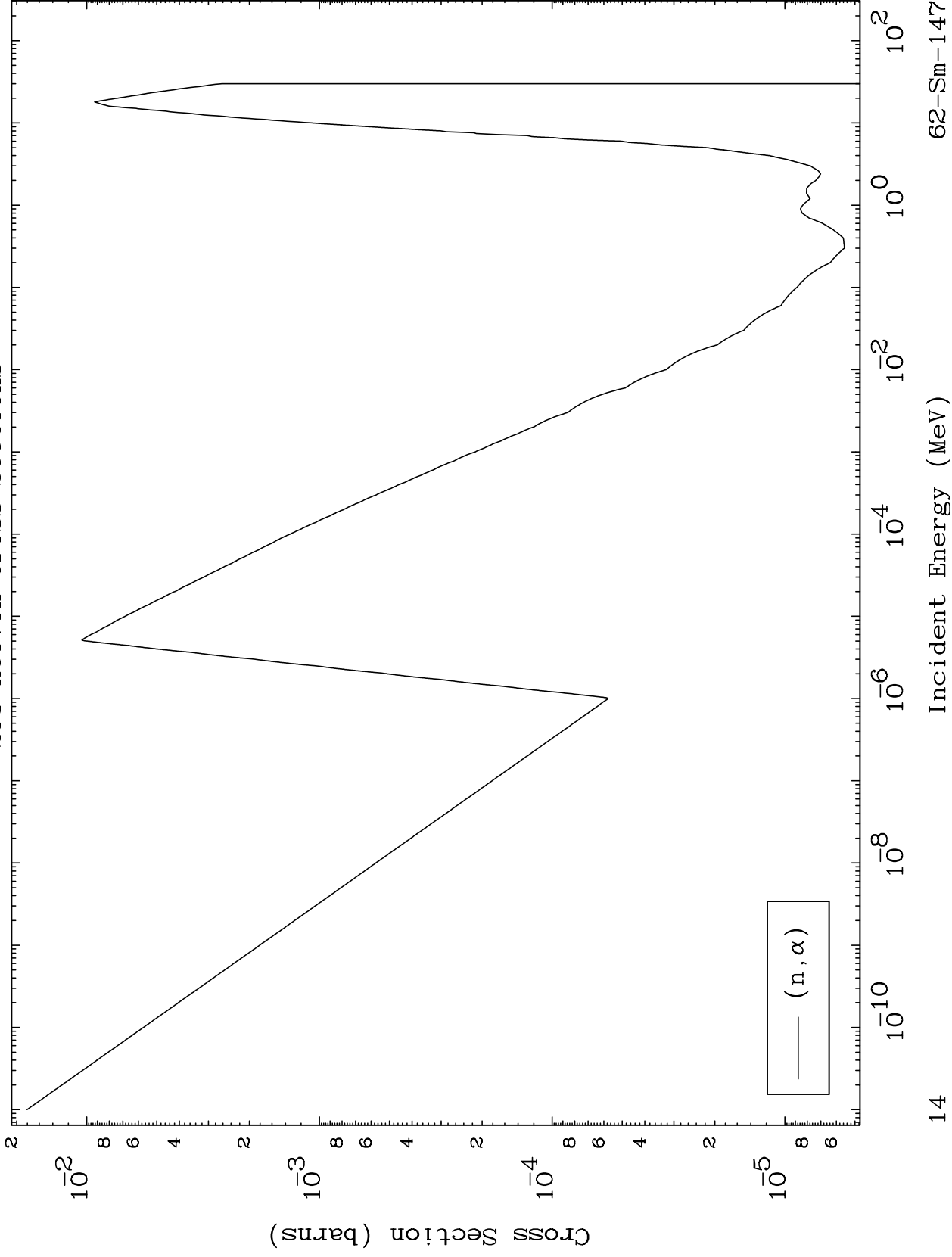
Incident Energy (MeV)

62-Sm-147

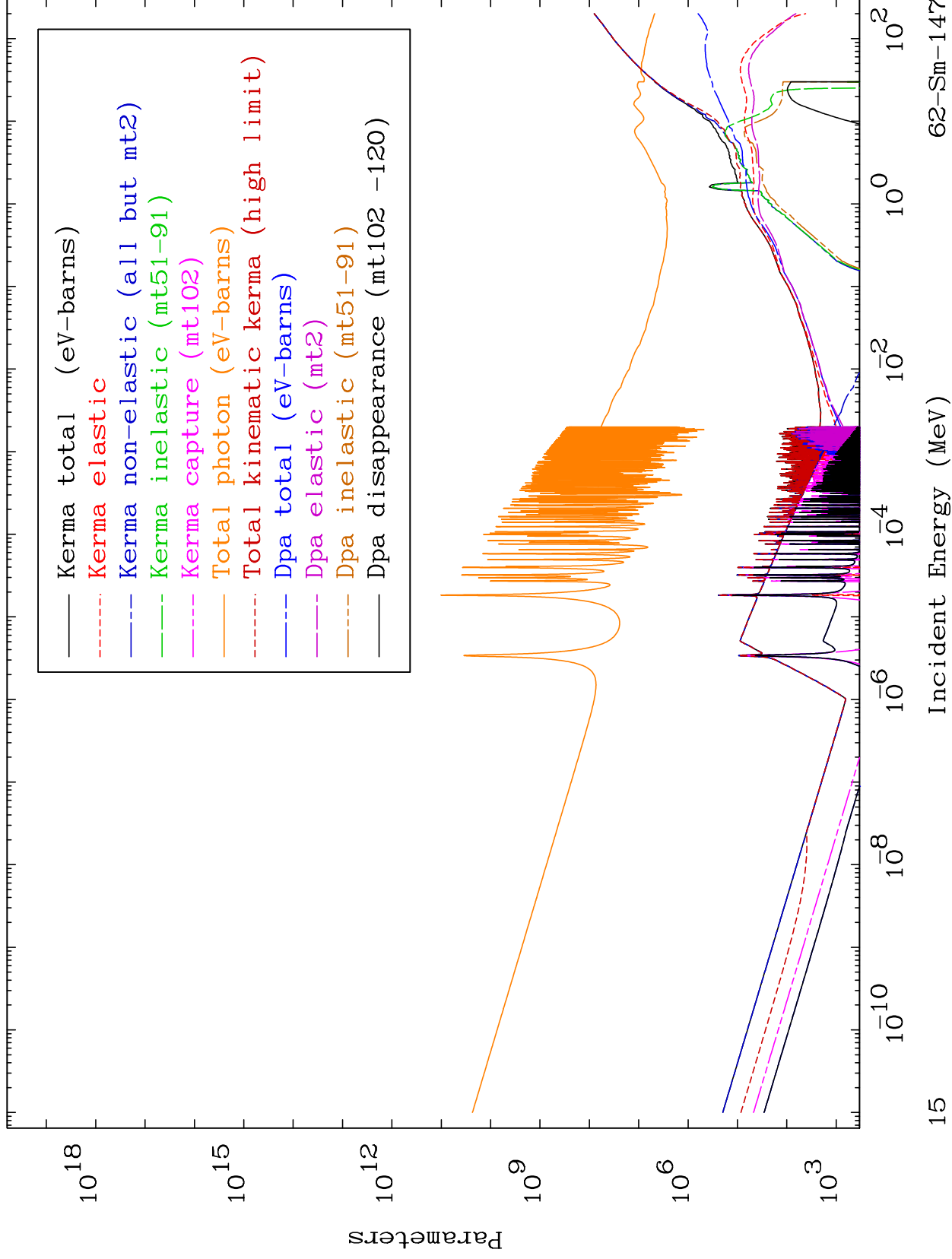
MAT 6234

(n, α) Levels
293 Kelvin Cross Sections

62-Sm-147



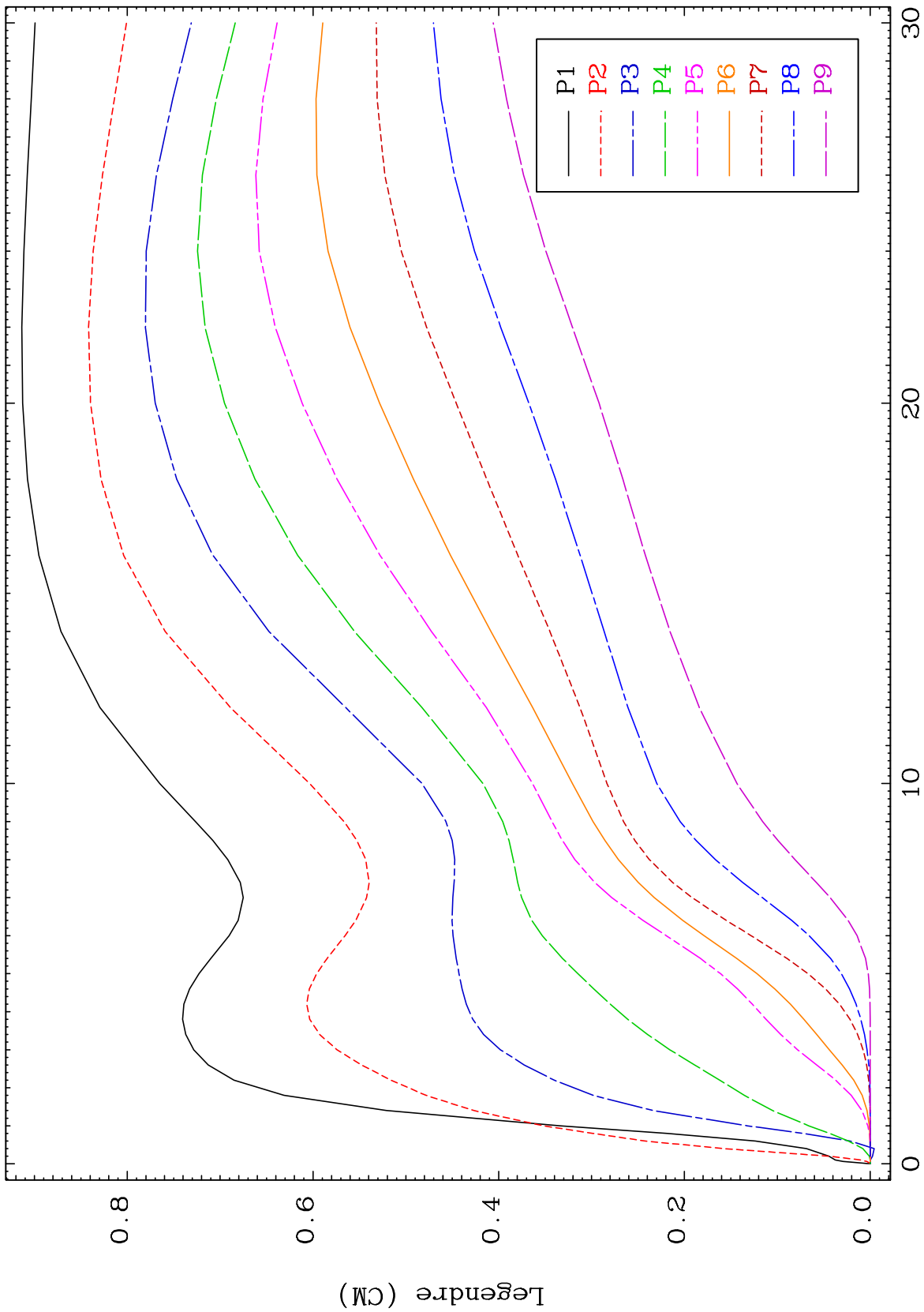
62-Sm-147



MAT 6234

Elastic Legendre Coefficients

62-Sm-147



16

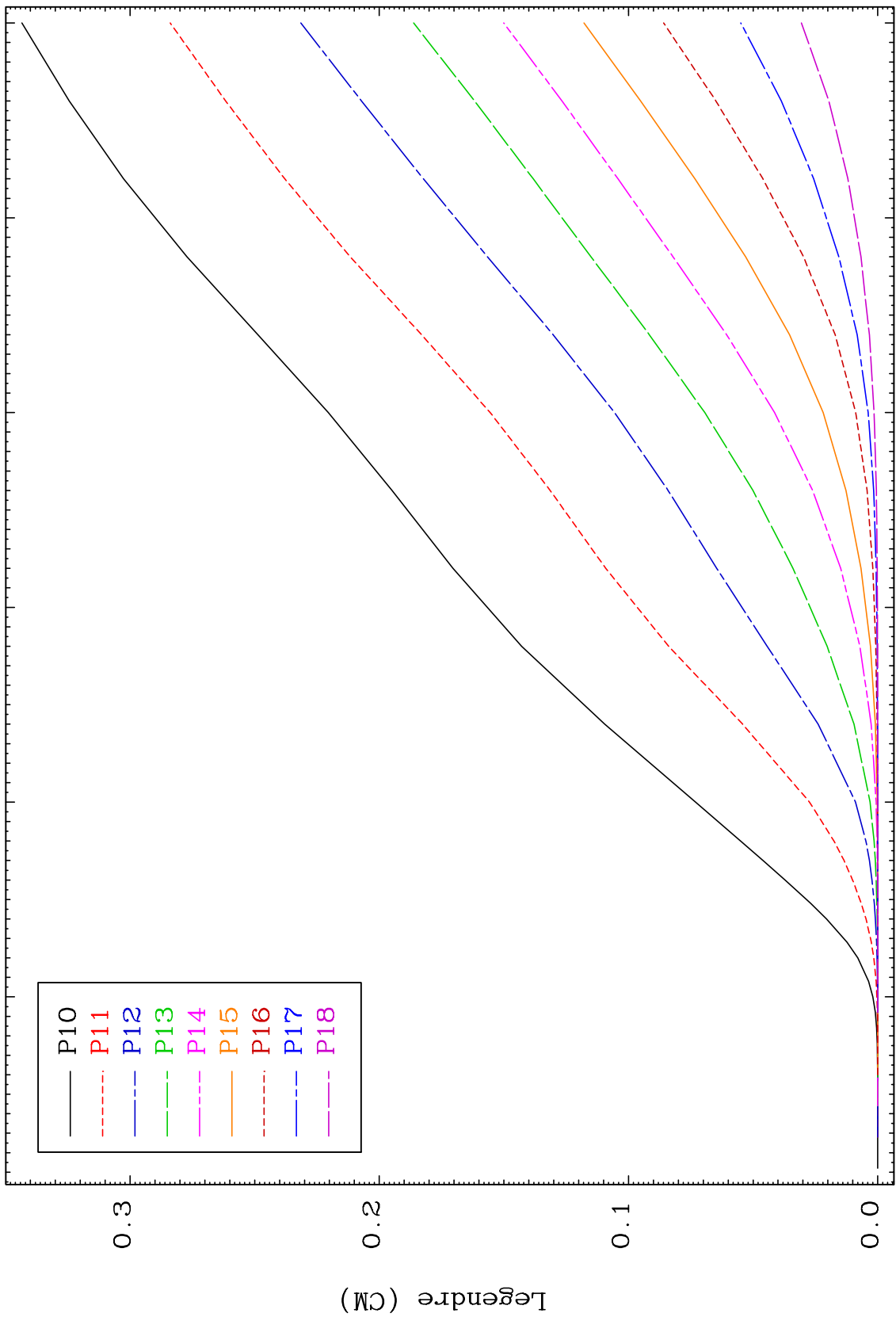
Incident Energy (MeV)

62-Sm-147

MAT 6234

Elastic Legendre Coefficients

⁶²Sm-147



17

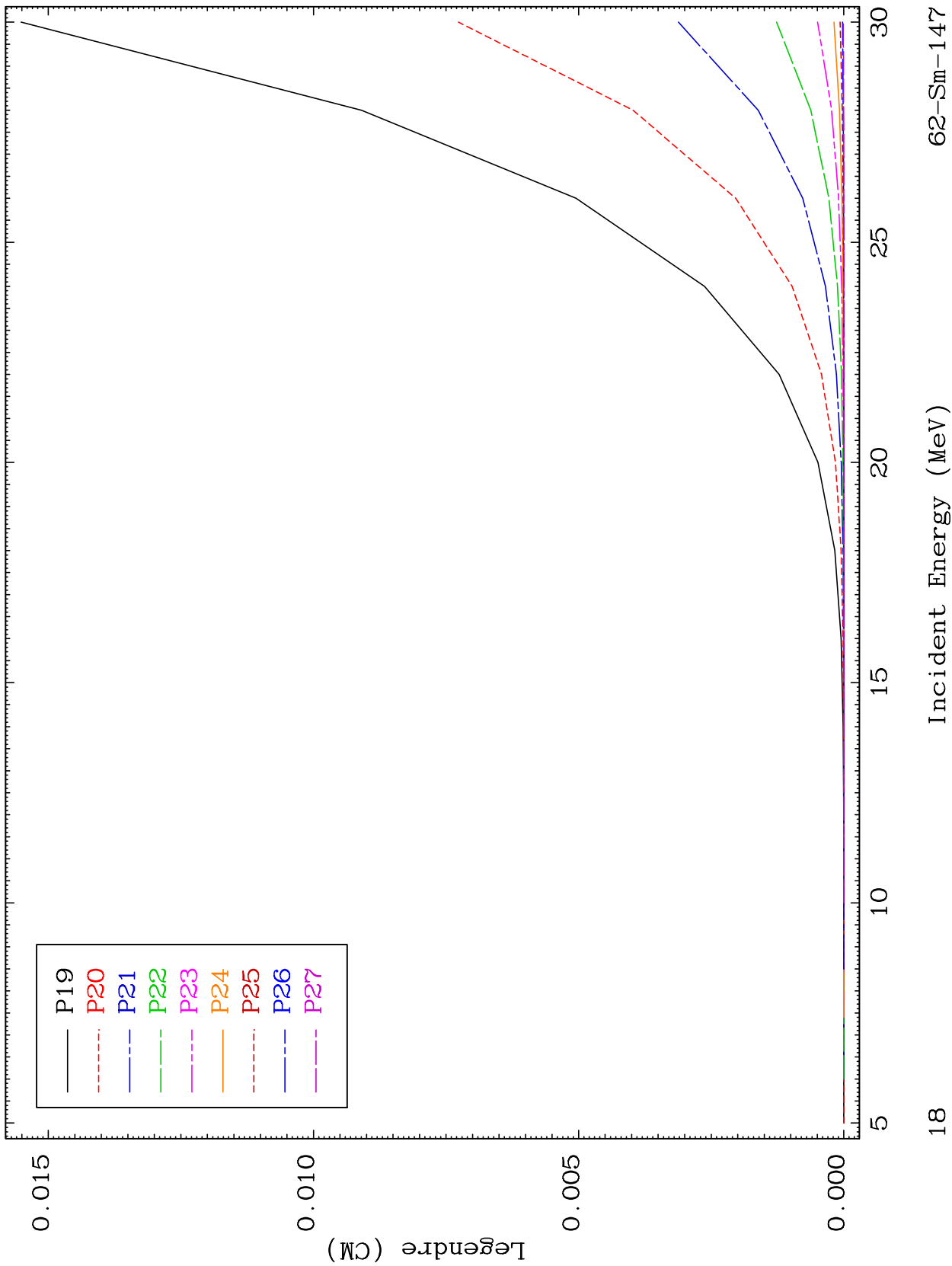
⁶²Sm-147

Incident Energy (MeV)

MAT 6234

Elastic Legendre Coefficients

62-Sm-147



18

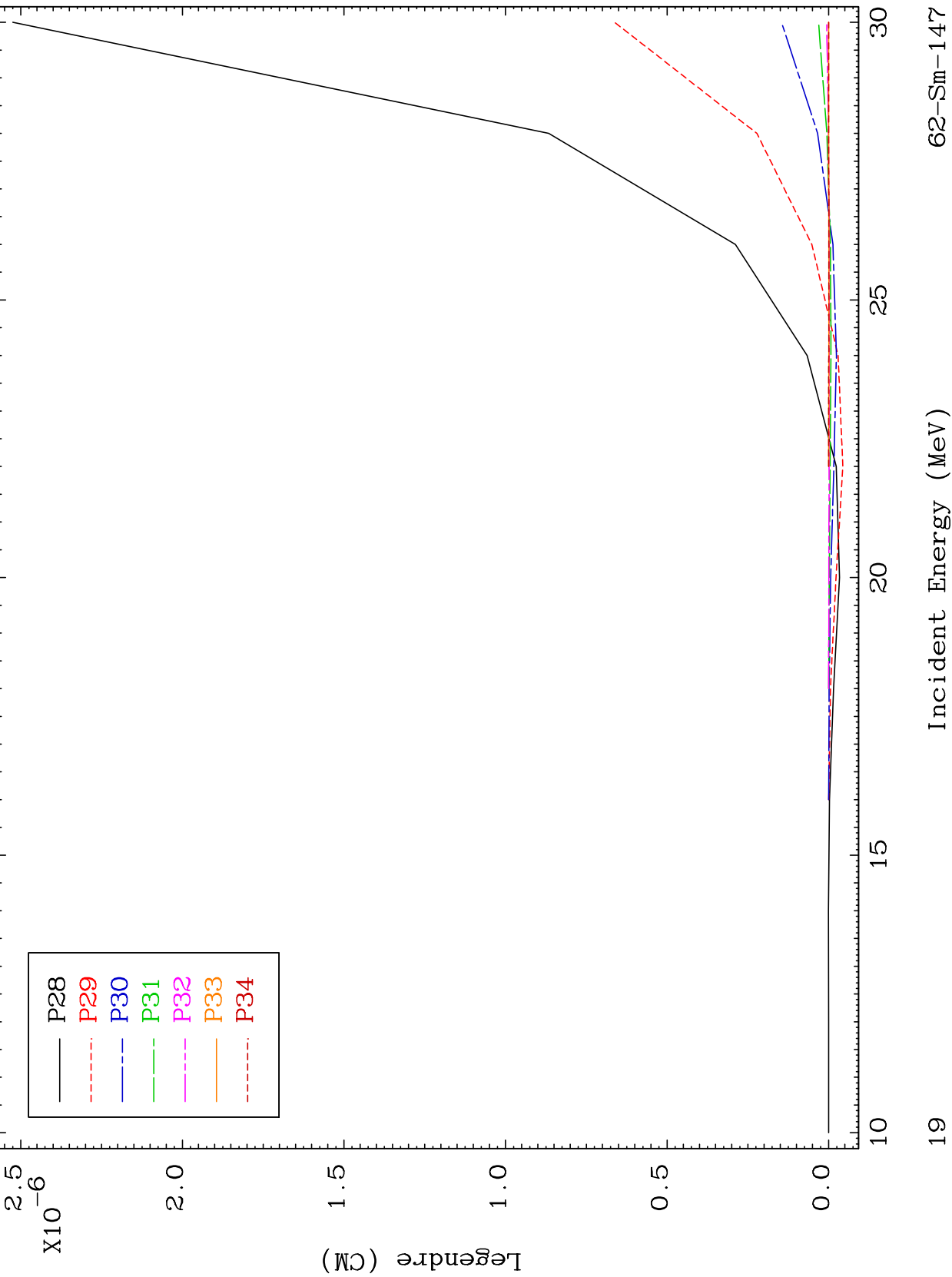
Incident Energy (MeV)

62-Sm-147

MAT 6234

Elastic Legendre Coefficients

62-Sm-147



62-Sm-147

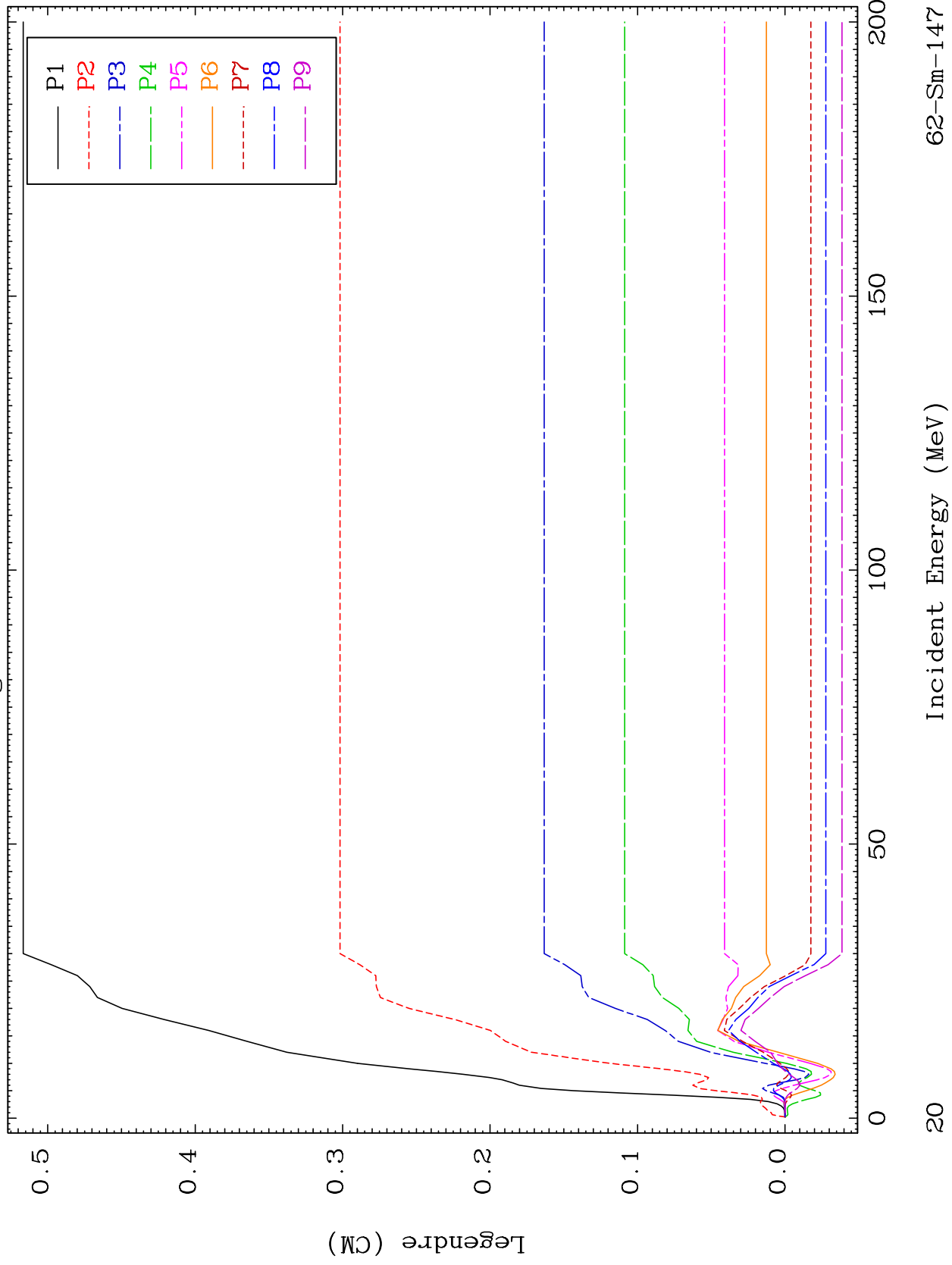
Incident Energy (MeV)

19

MAT 6234

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

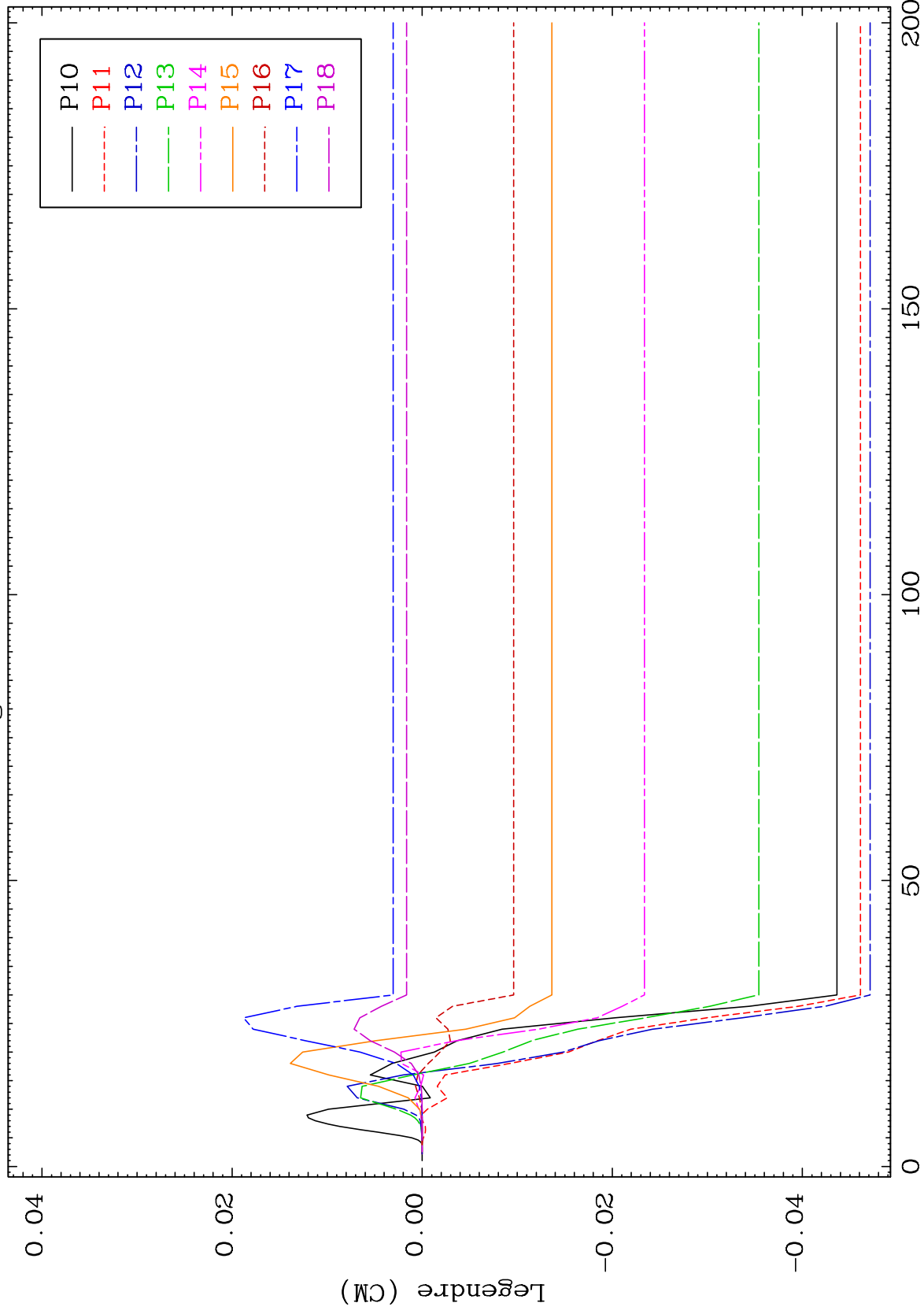
62-Sm-147



MAT 6234

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

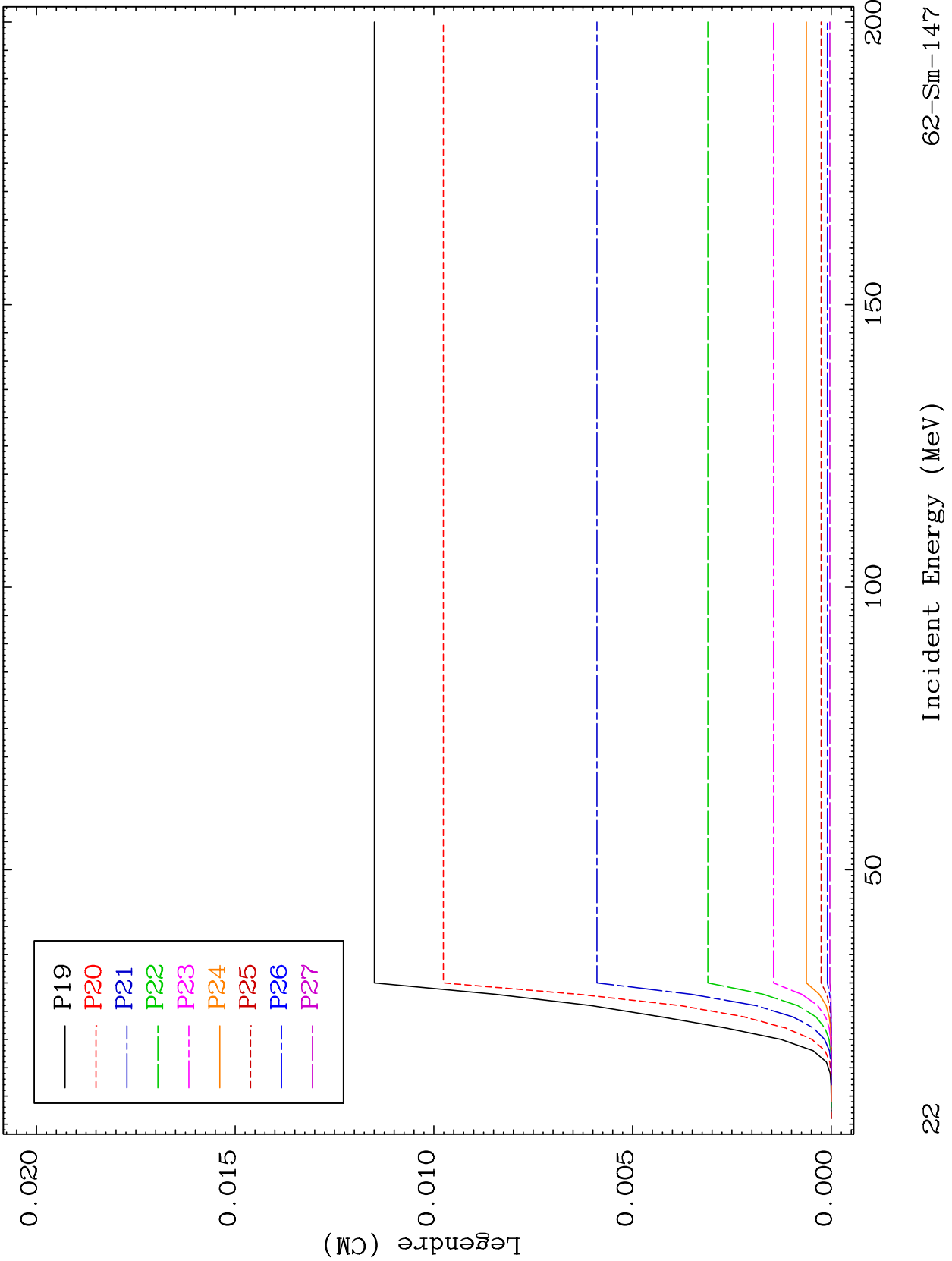
62-Sm-147



MAT 6234

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

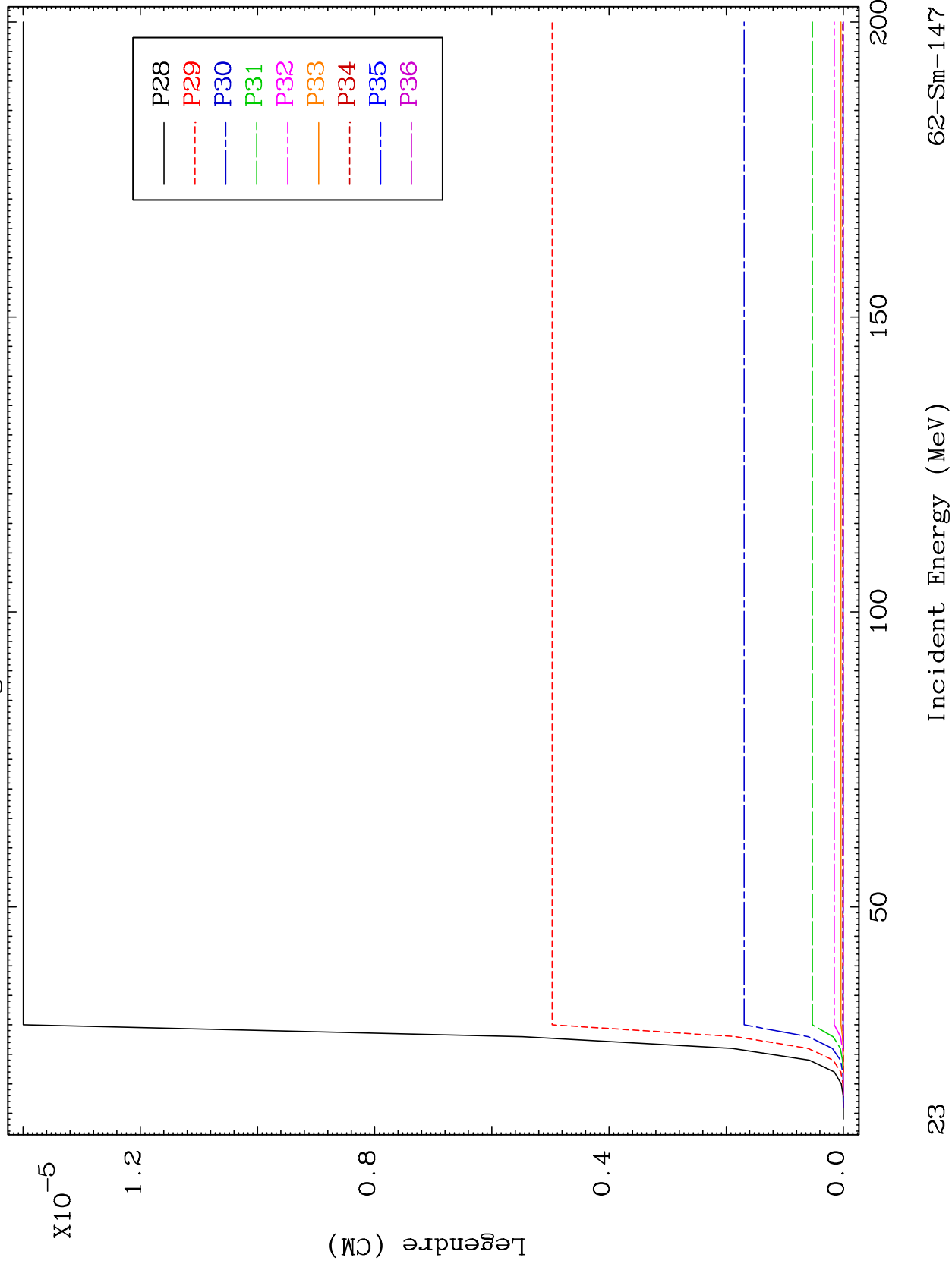
62-Sm-147



MAT 6234

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

62-Sm-147



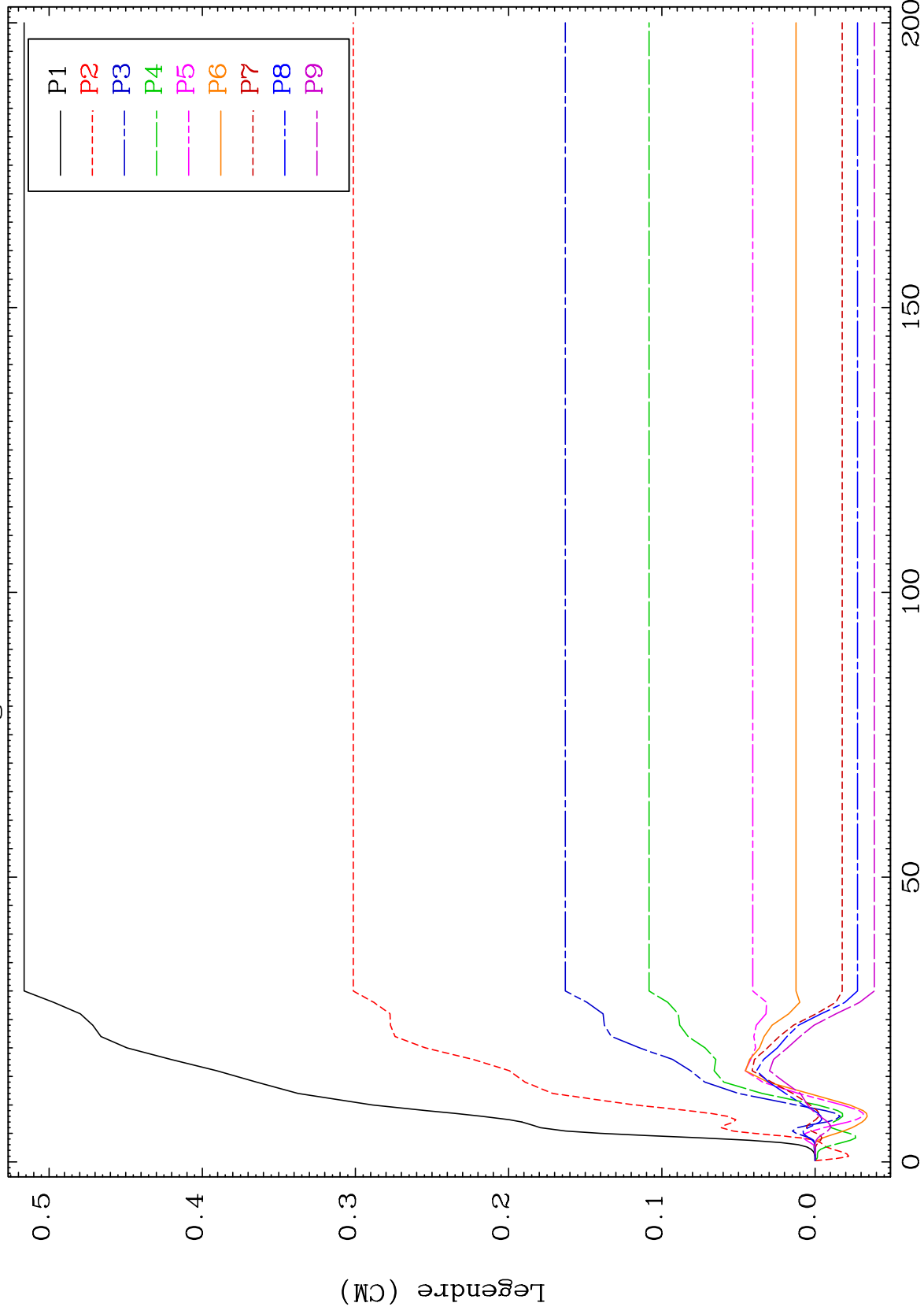
23

62-Sm-147

MAT 6234

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

62-Sm-147



24

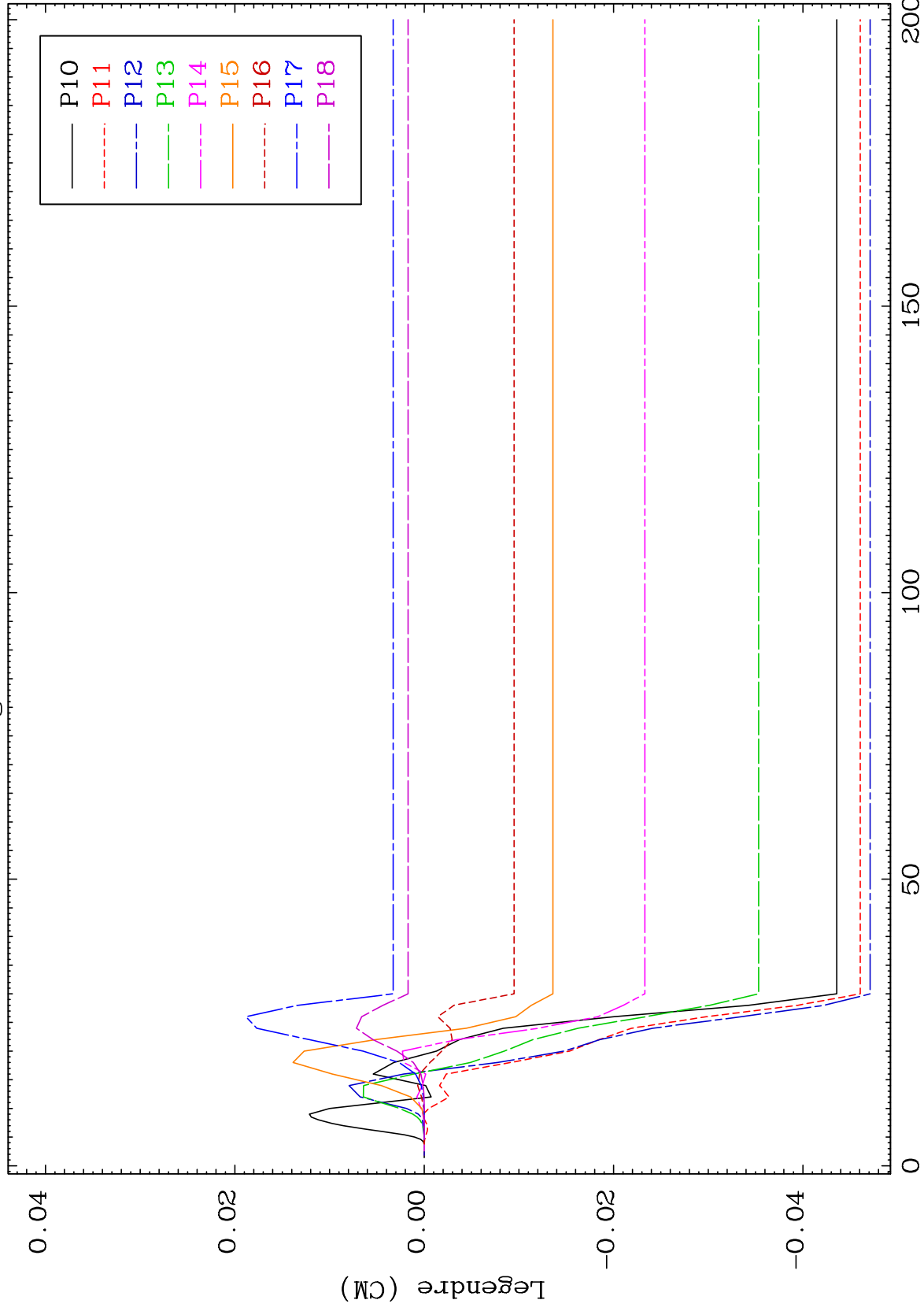
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

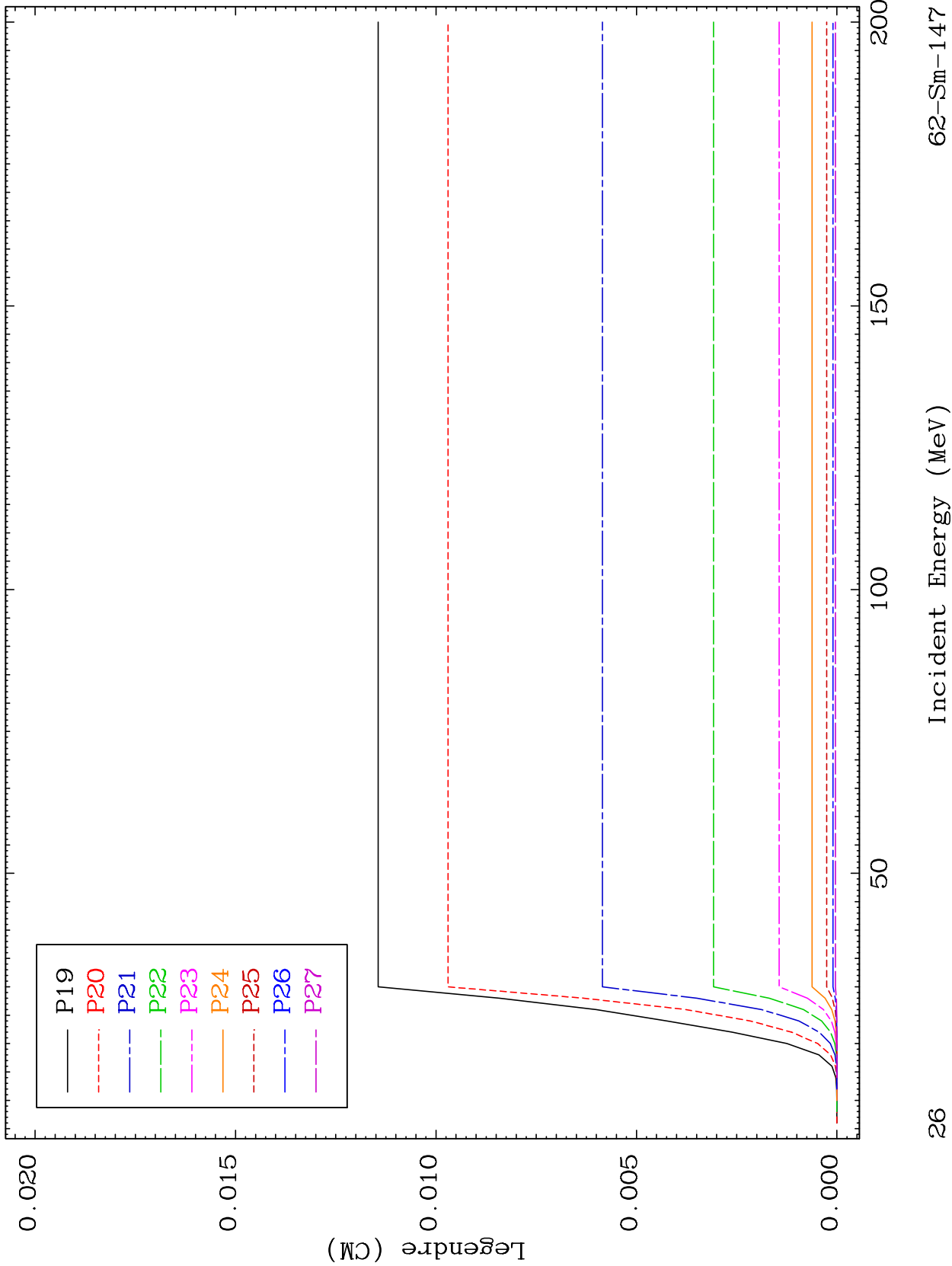
62-Sm-147



25

Incident Energy (MeV)

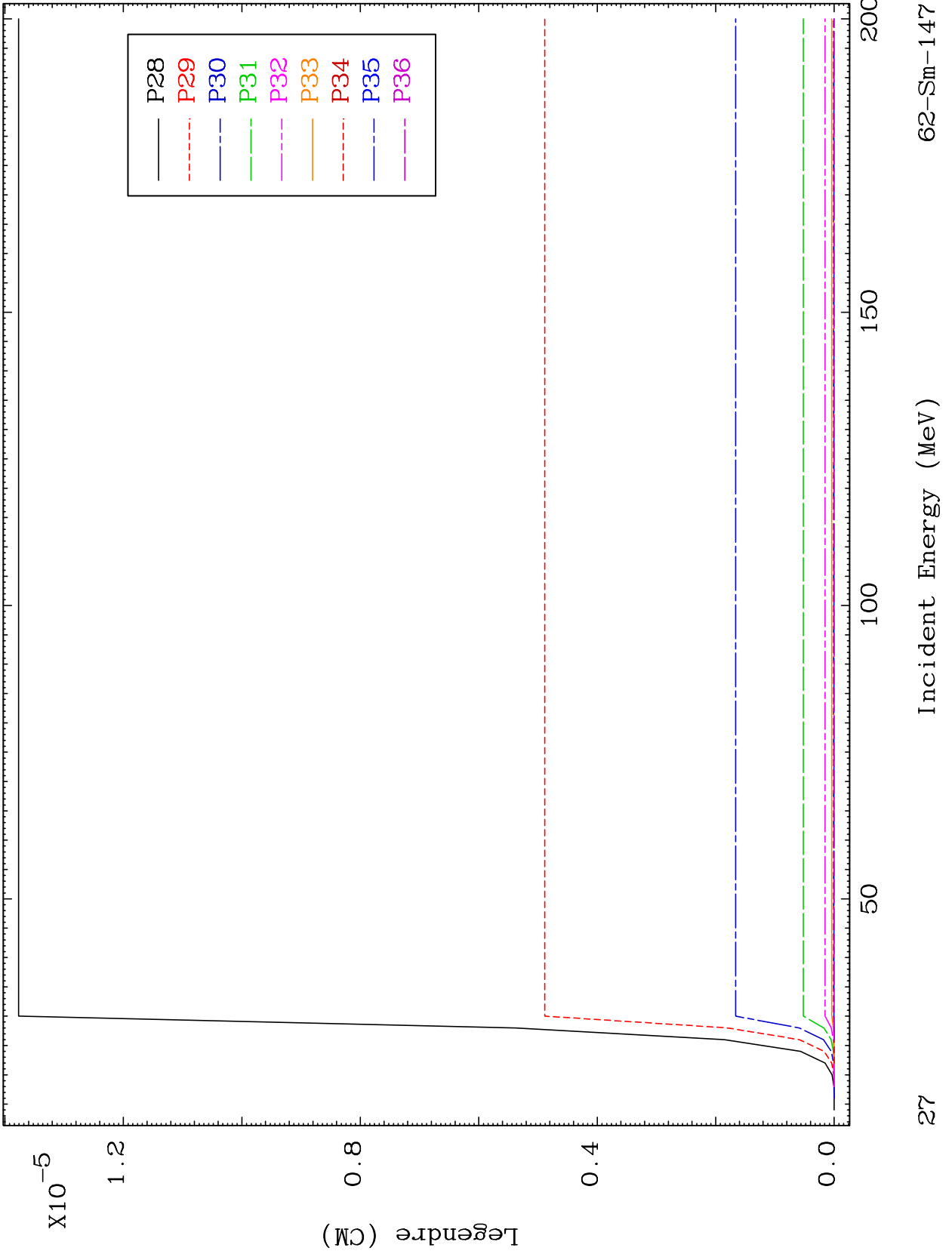
62-Sm-147



MAT 6234

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

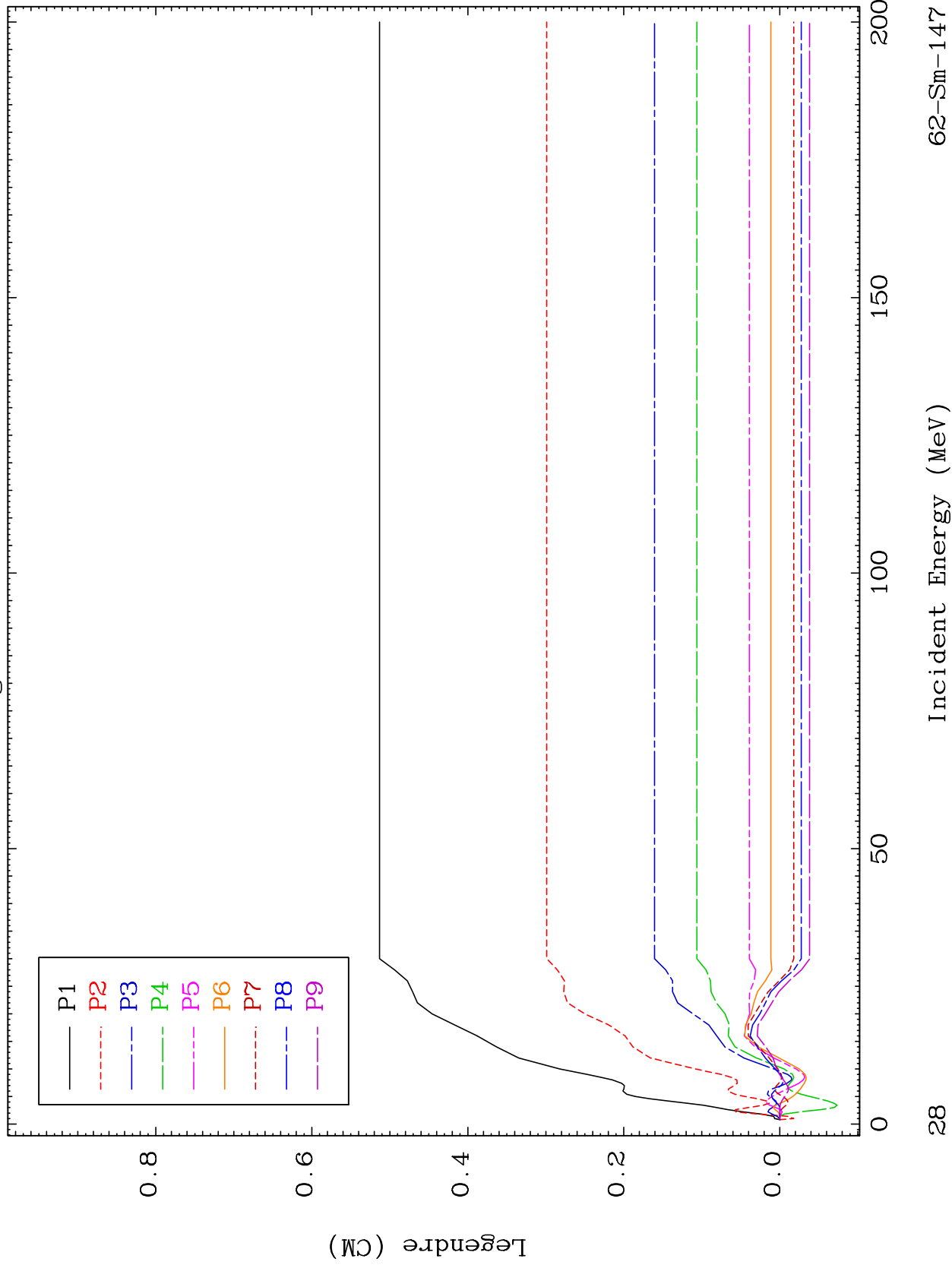
62-Sm-147



MAT 6234

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

62-Sm-147

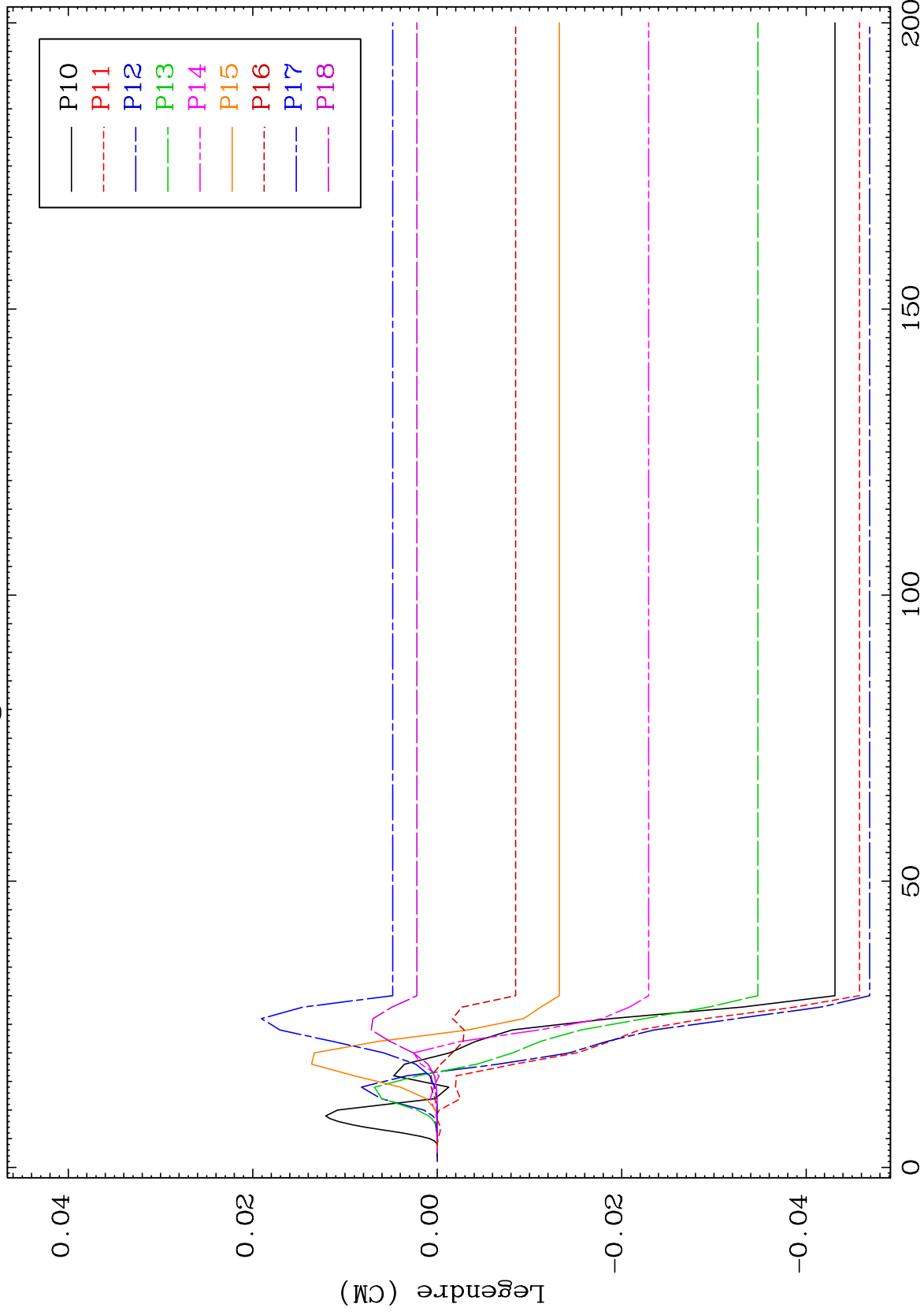


28

MAT 6234

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

62-Sm-147



29

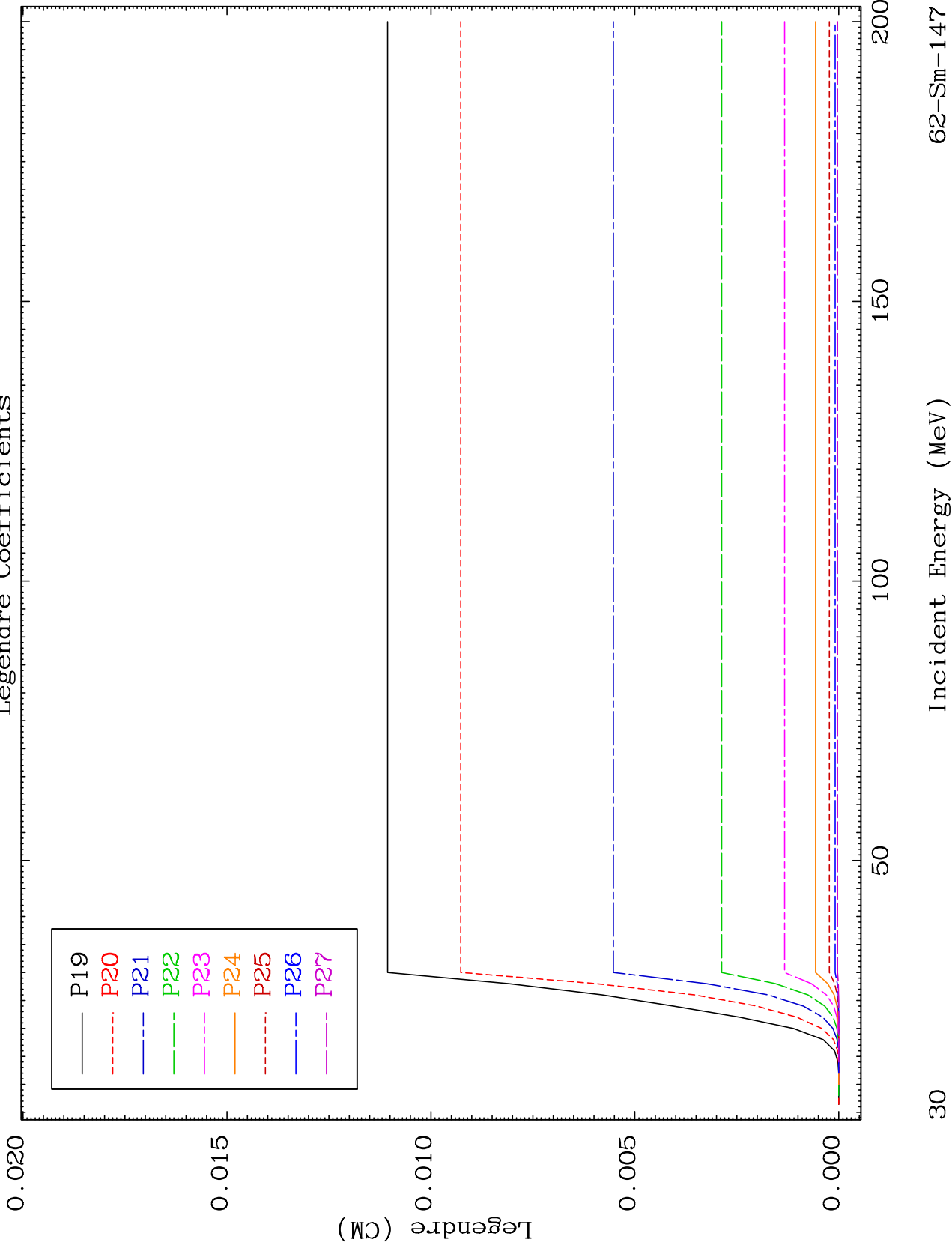
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



62-Sm-147

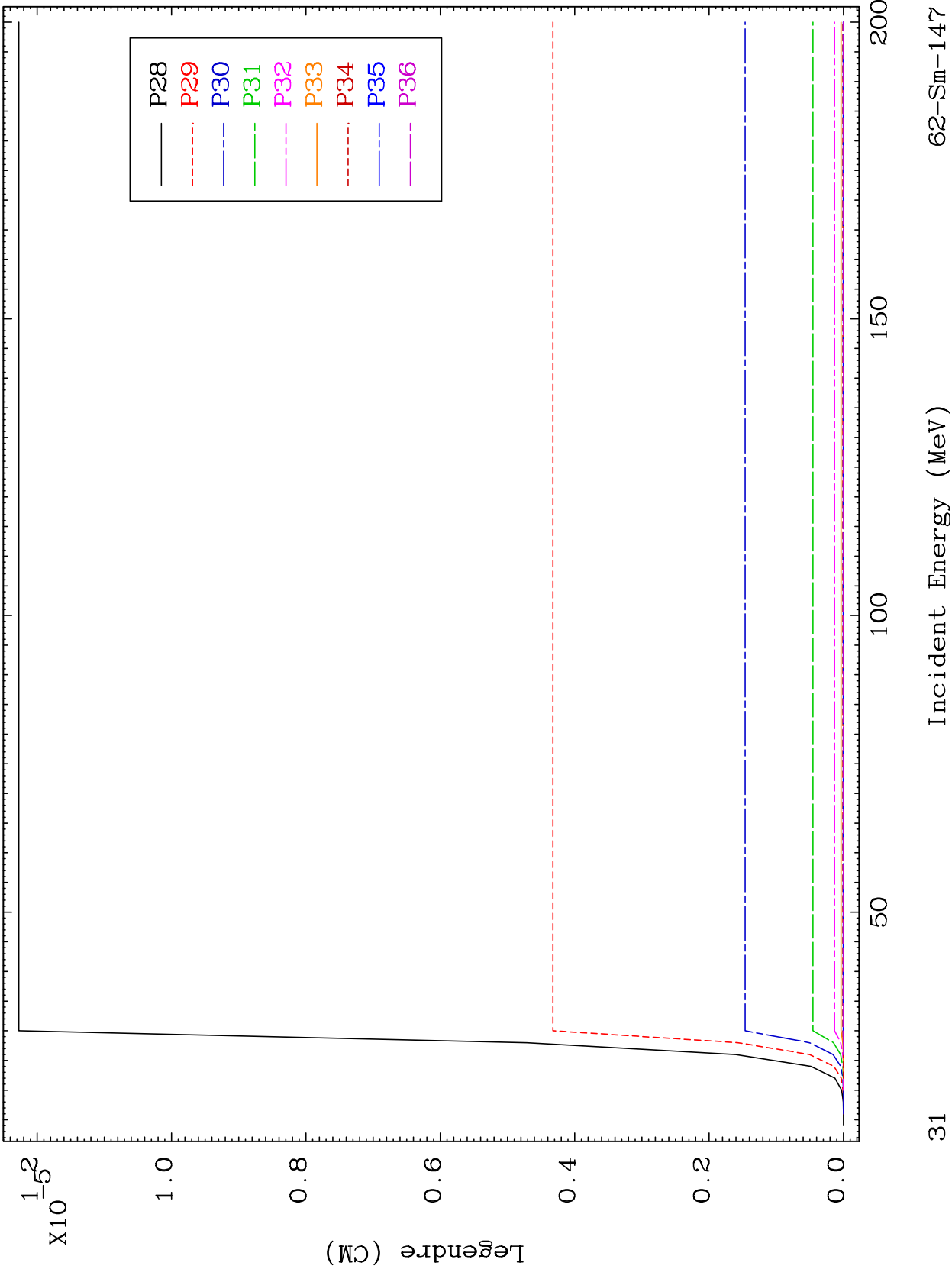
Incident Energy (MeV)

30

MAT 6234

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

62-Sm-147



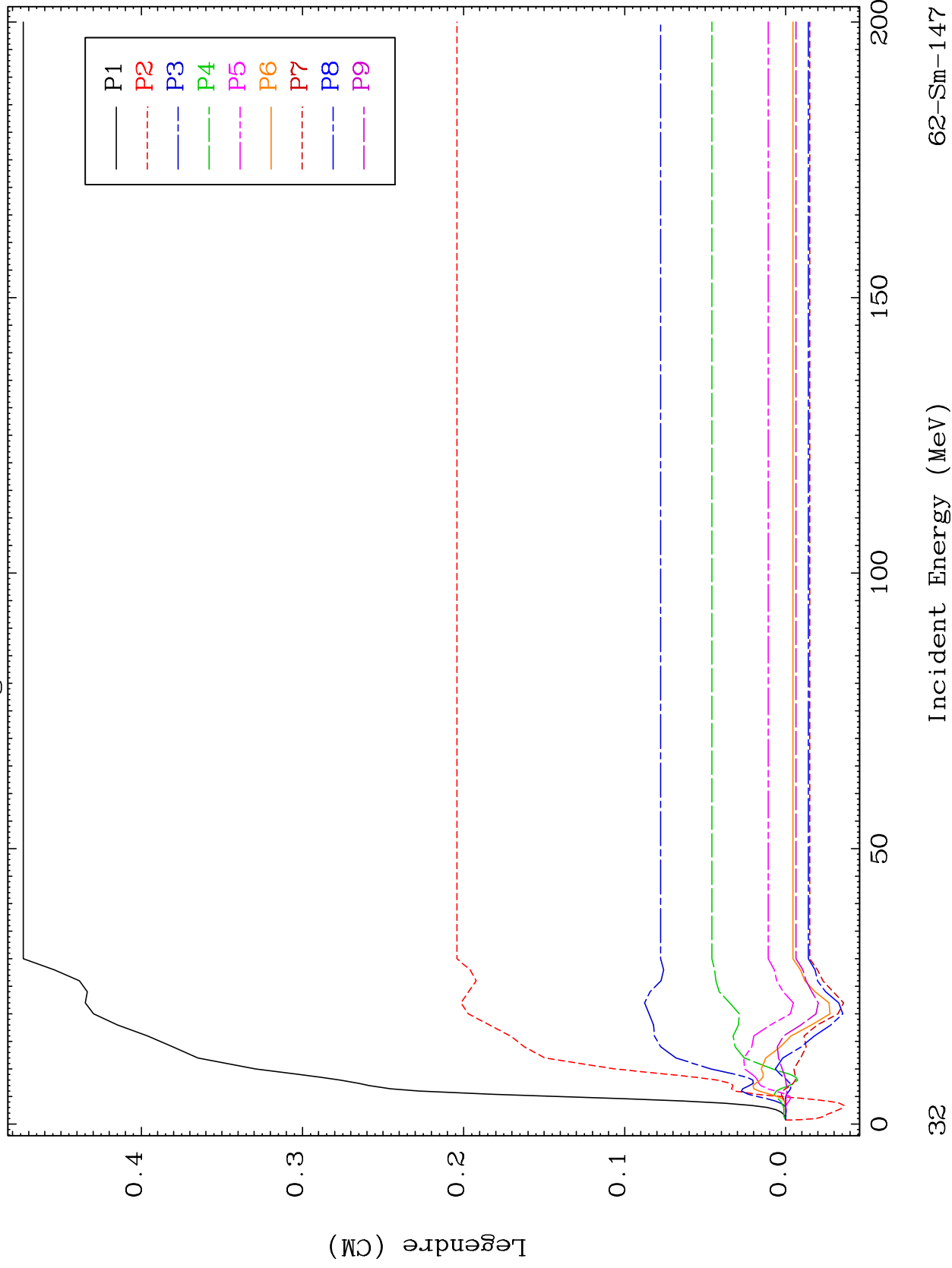
31

62-Sm-147

MAT 6234

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

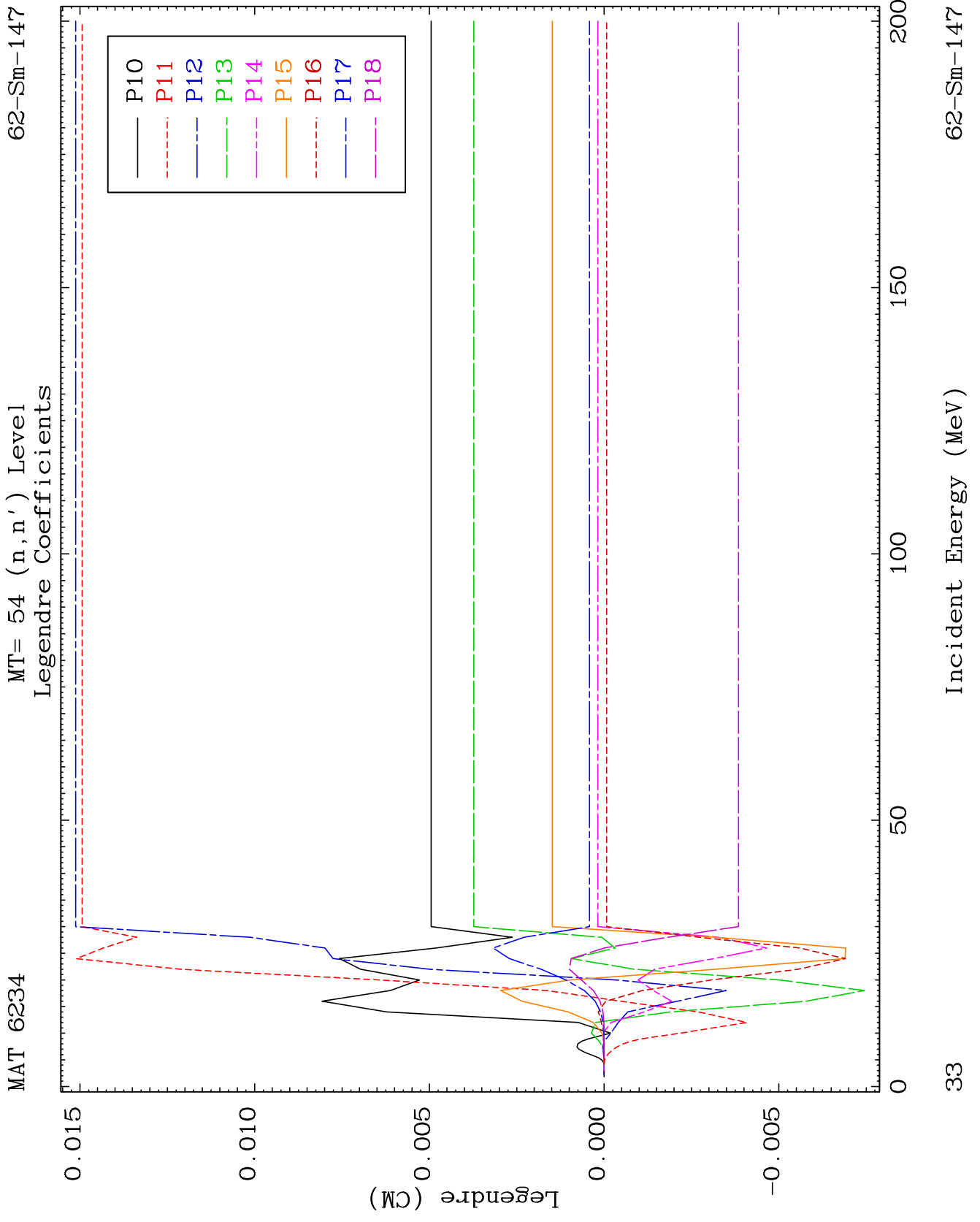
62-Sm-147

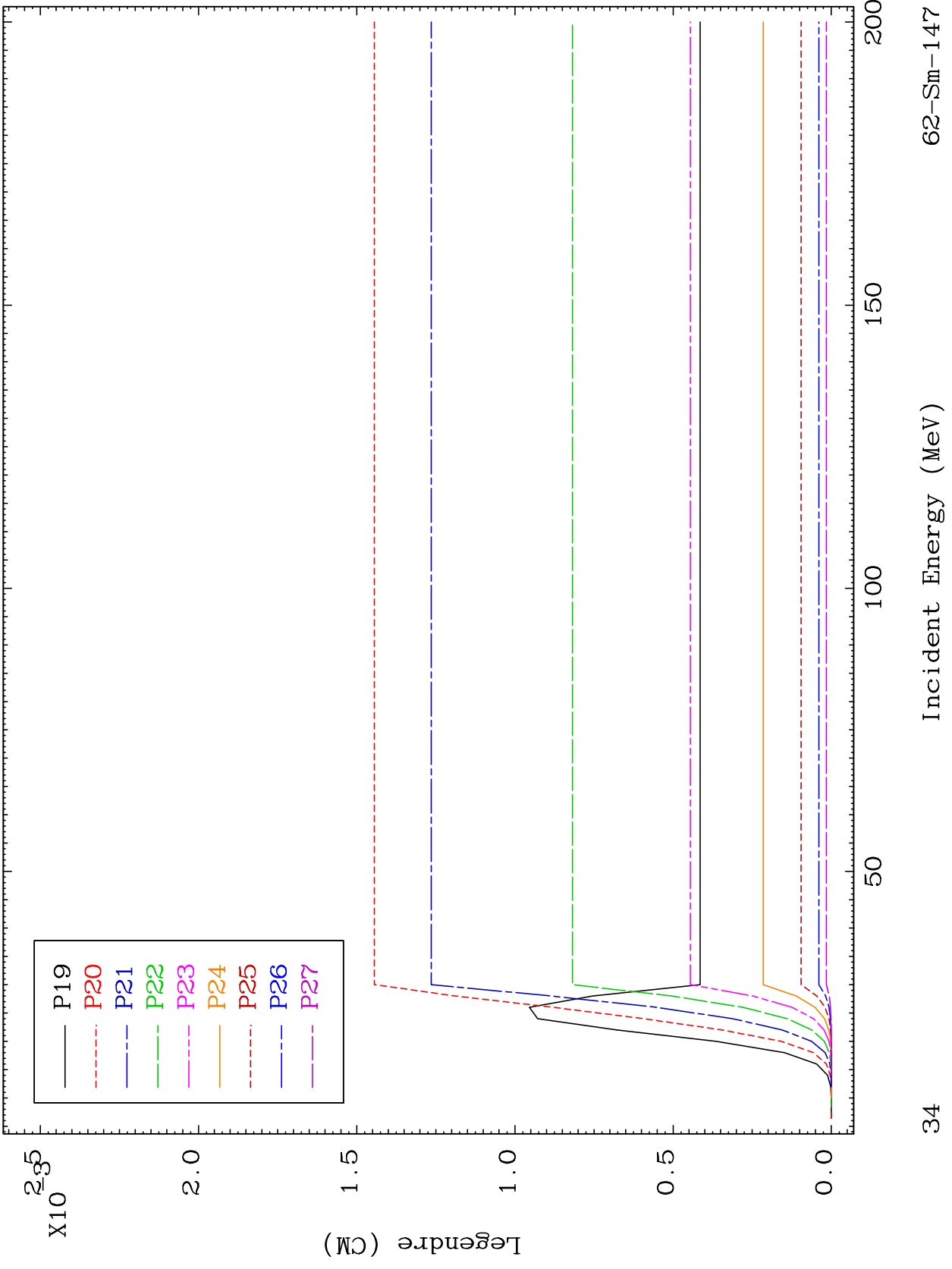


62-Sm-147

Incident Energy (MeV)

32

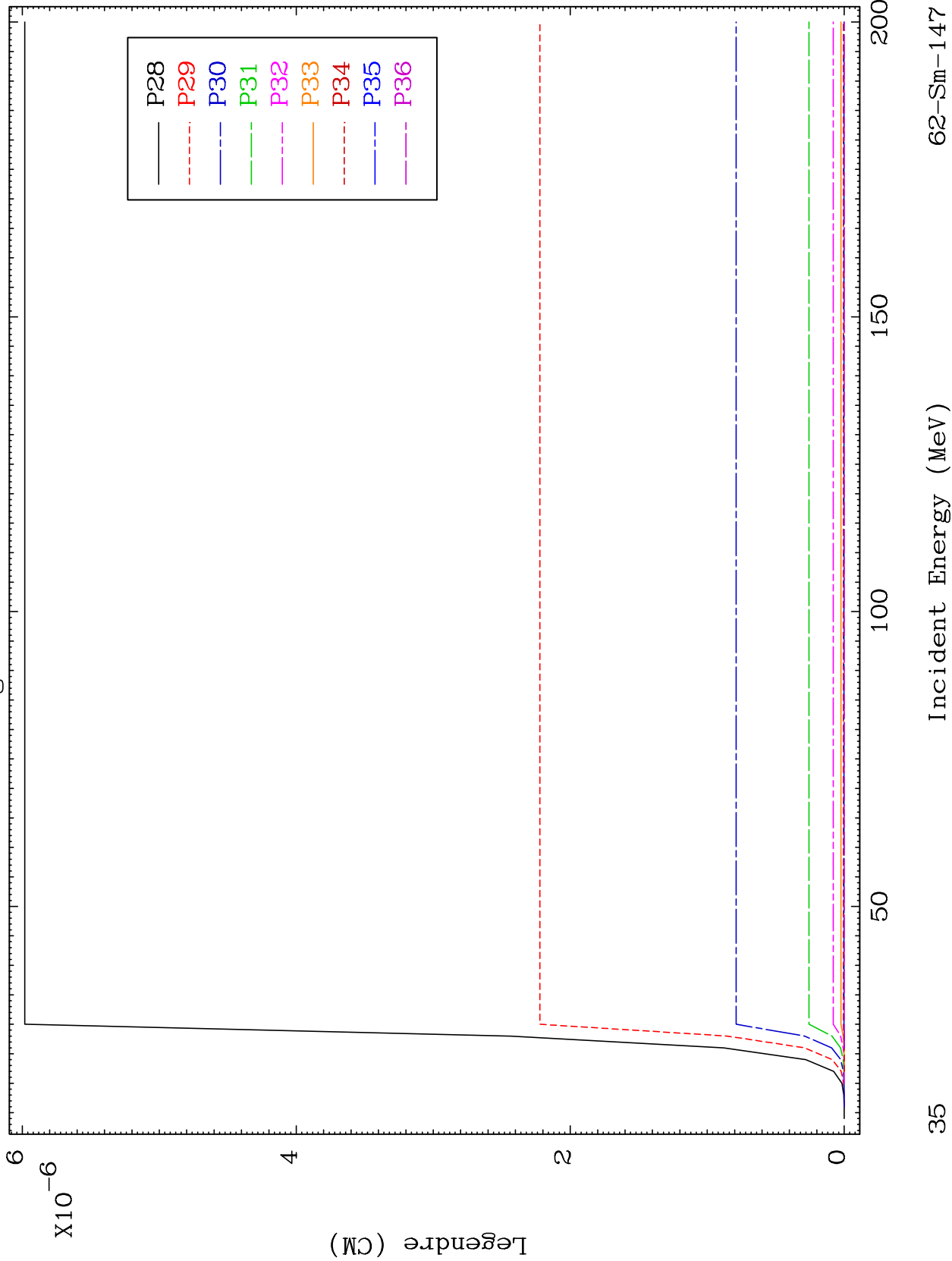




MAT 6234

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

62-Sm-147



35

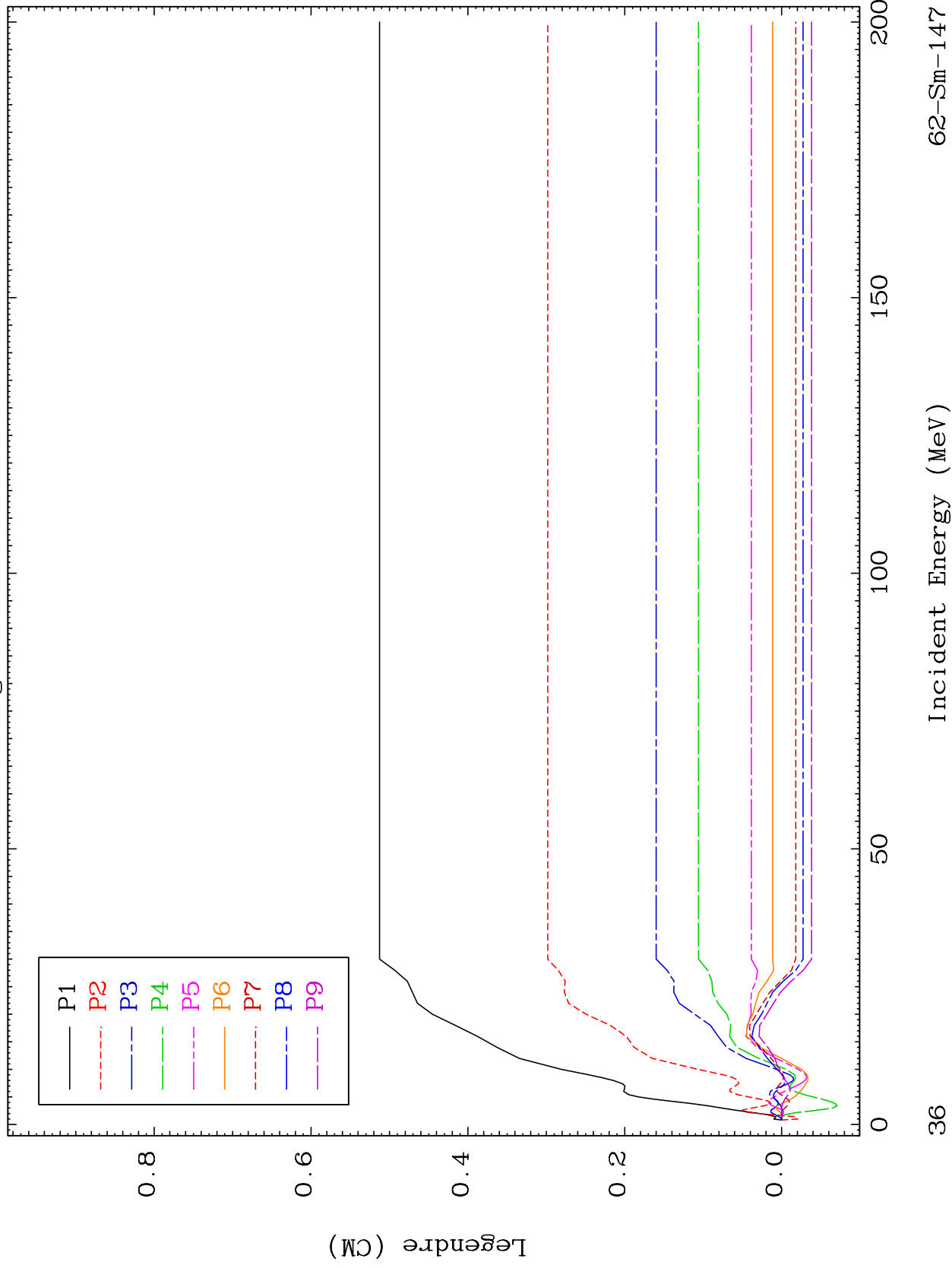
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

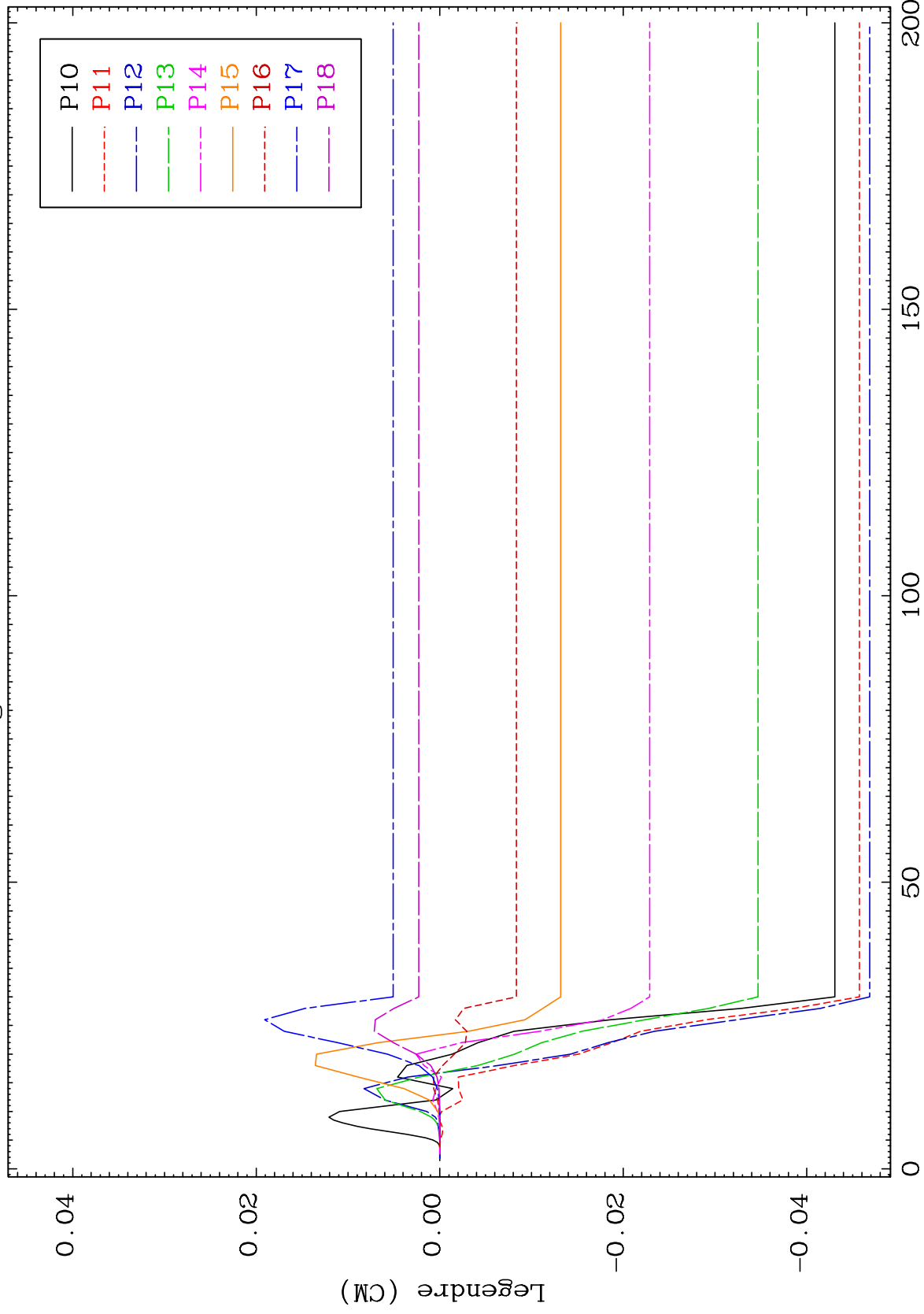
62-Sm-147



MAT 6234

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

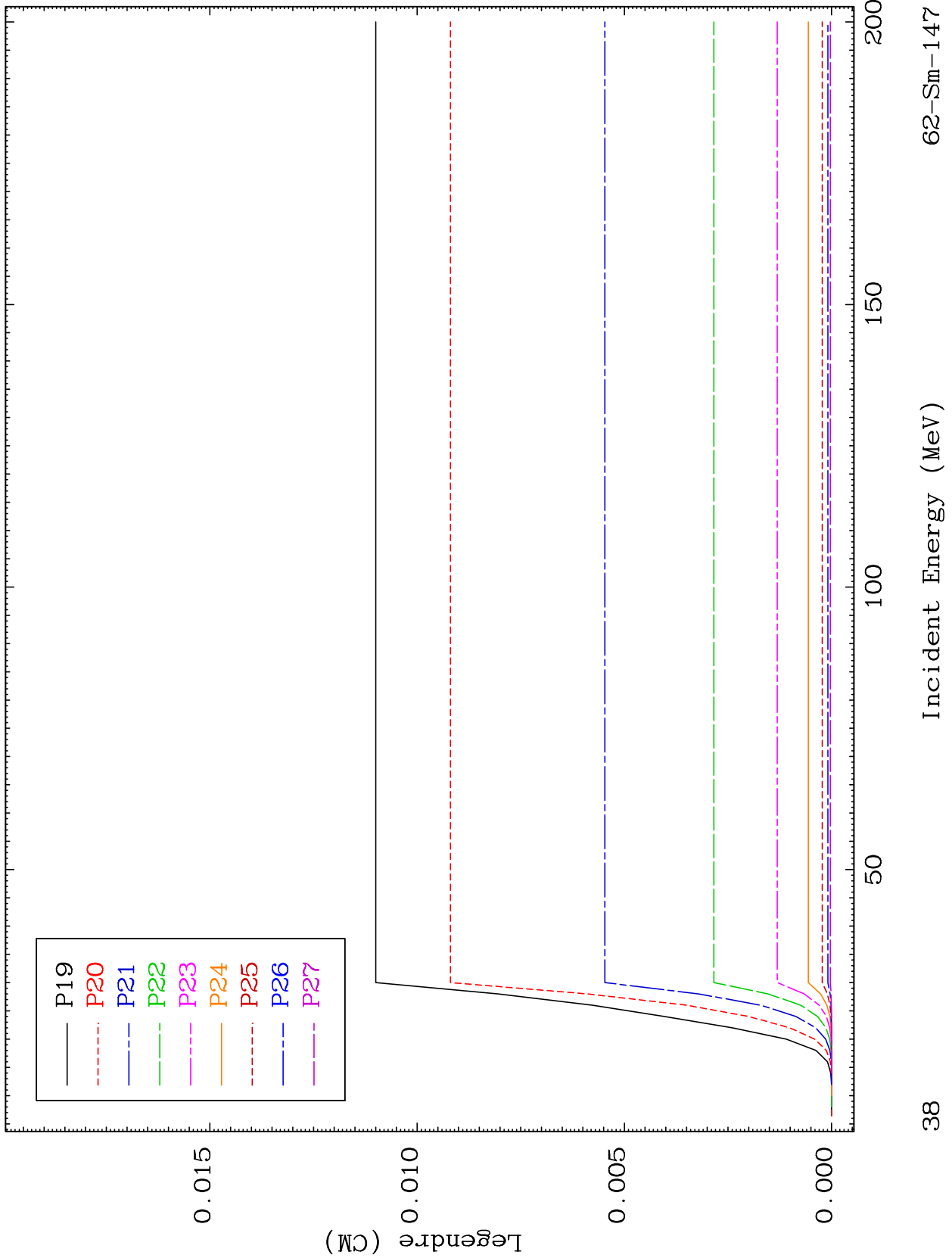
62-Sm-147



37

Incident Energy (MeV)

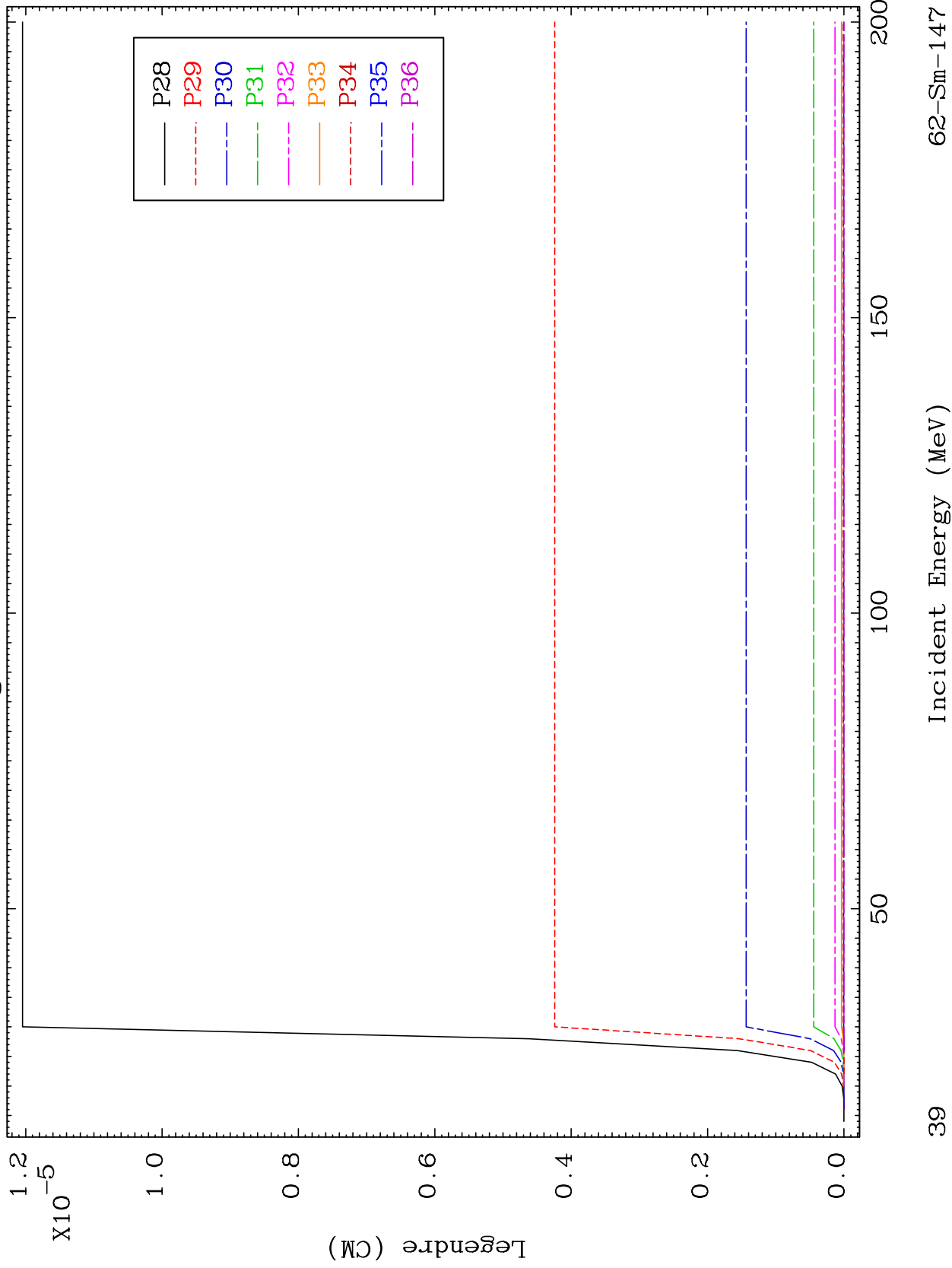
62-Sm-147



MAT 6234

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

62-Sm-147



39

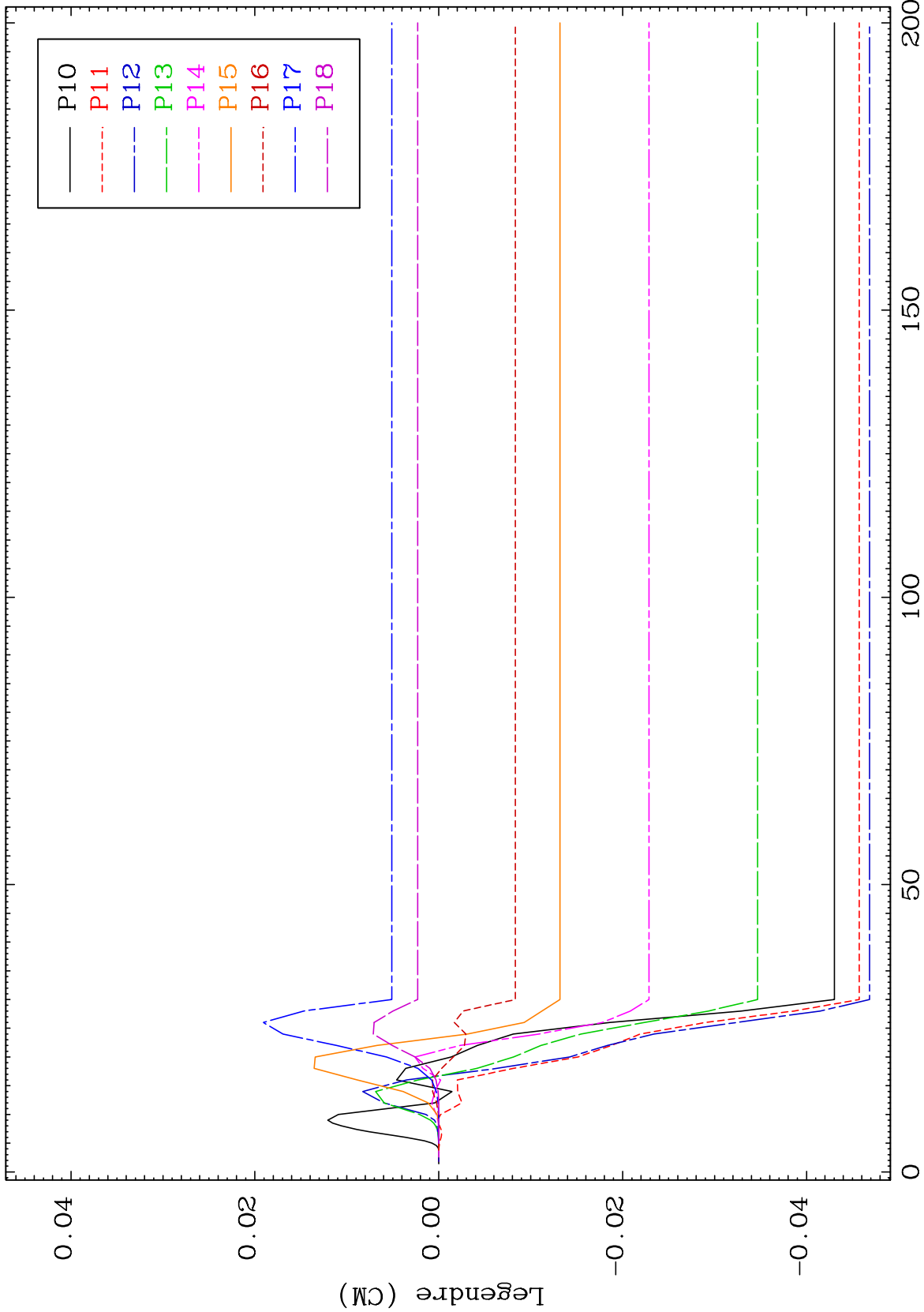
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



41

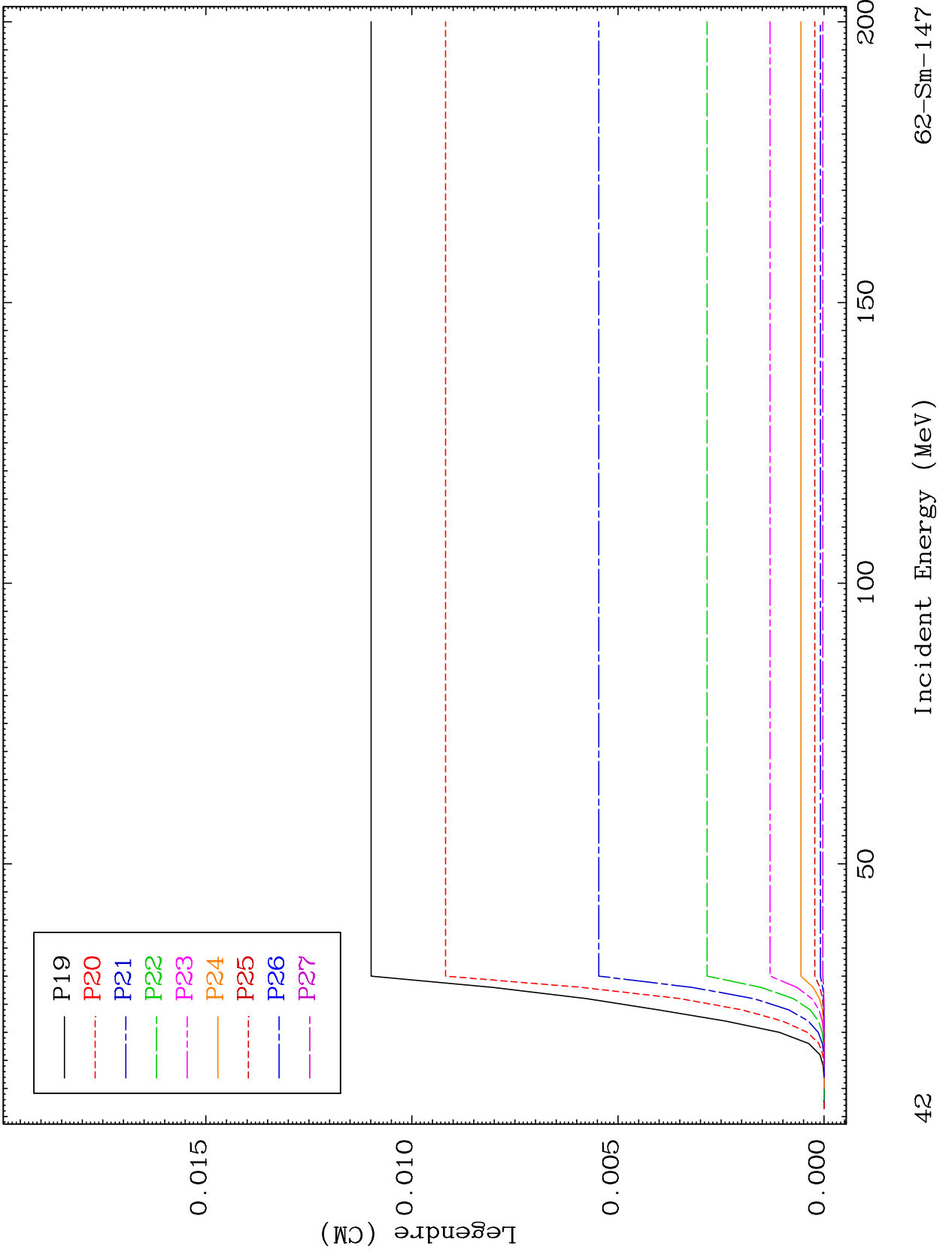
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



42

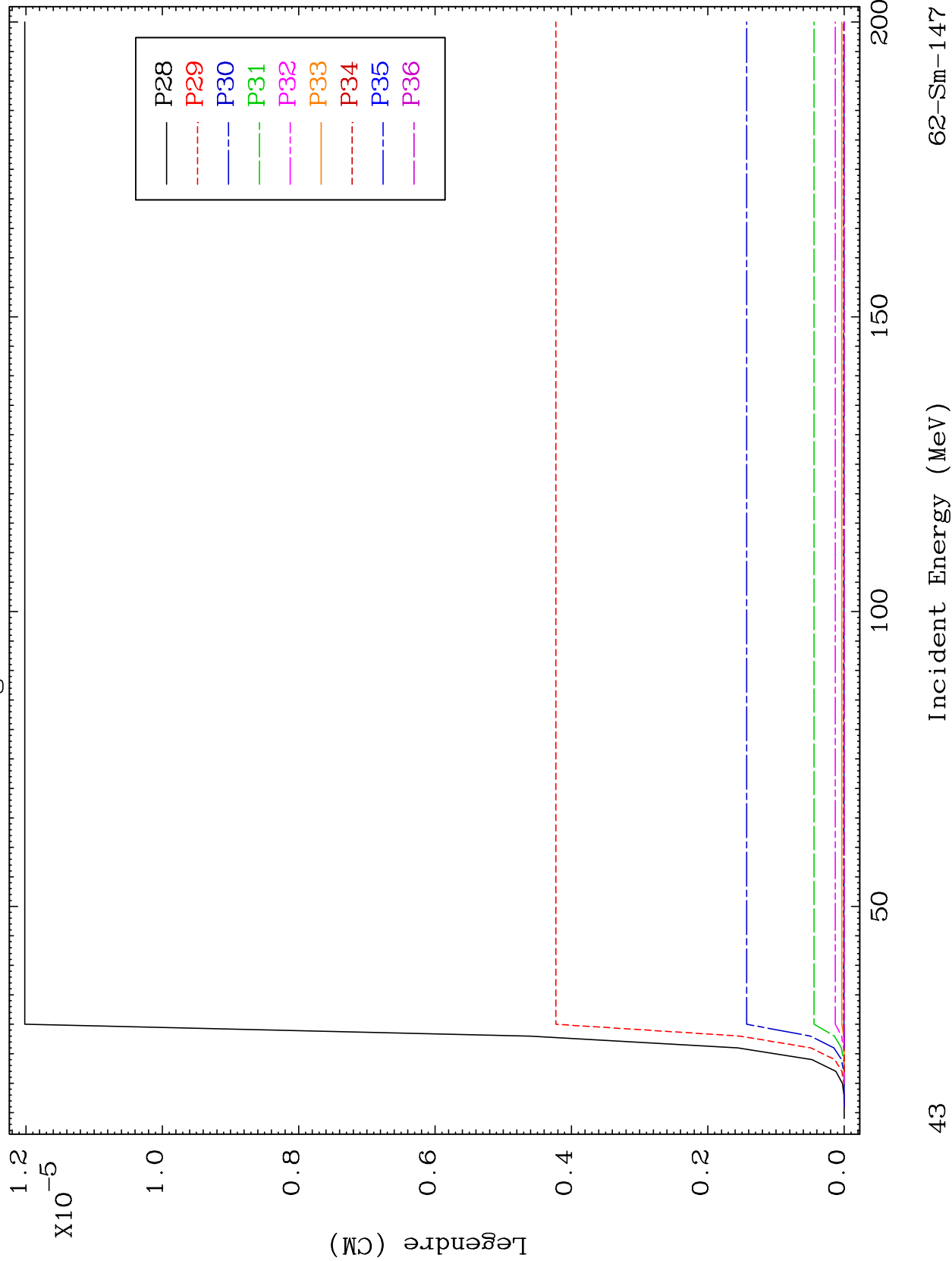
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



43

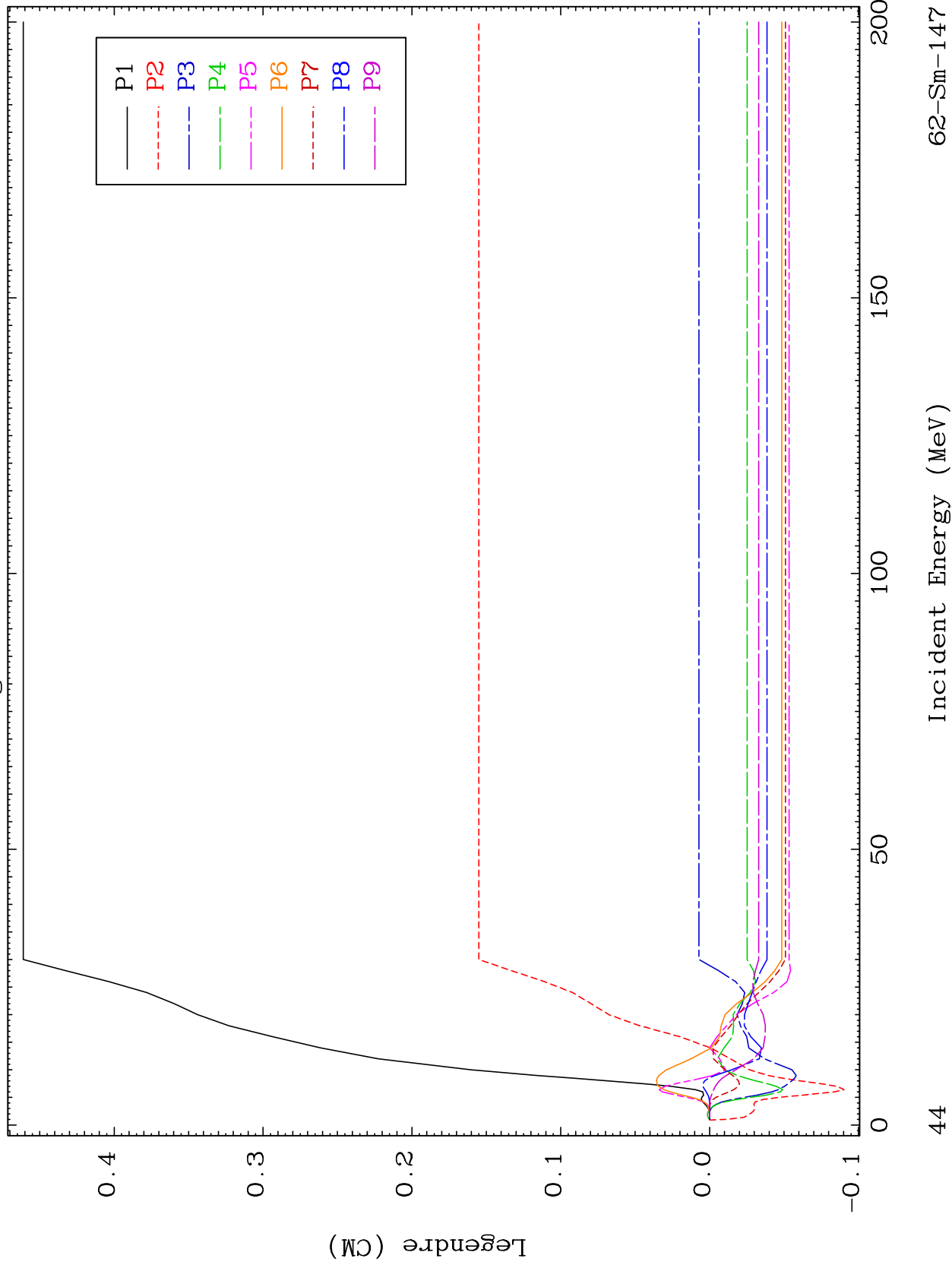
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



62-Sm-147

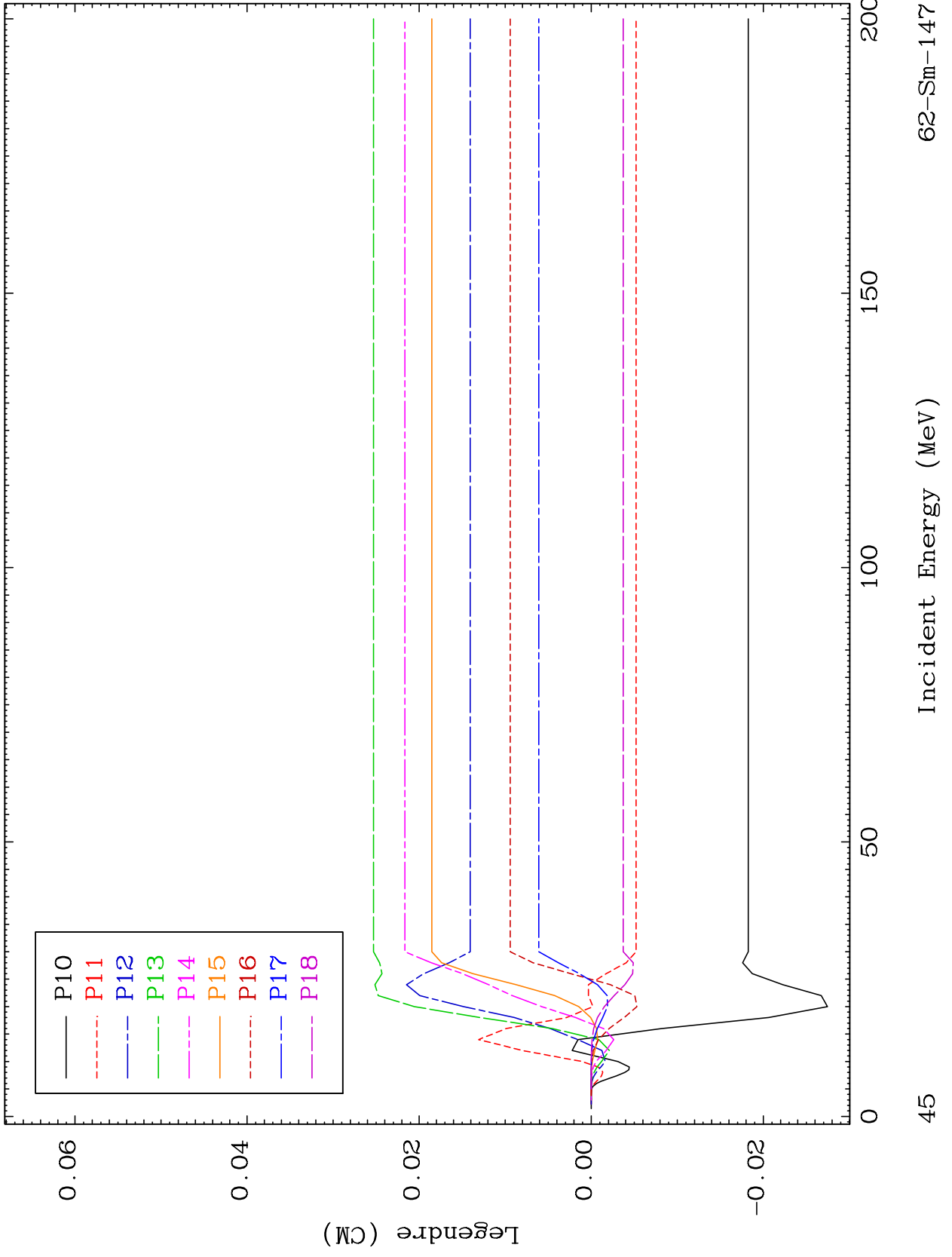
Incident Energy (MeV)

44

MAT 6234

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

62-Sm-147



62-Sm-147

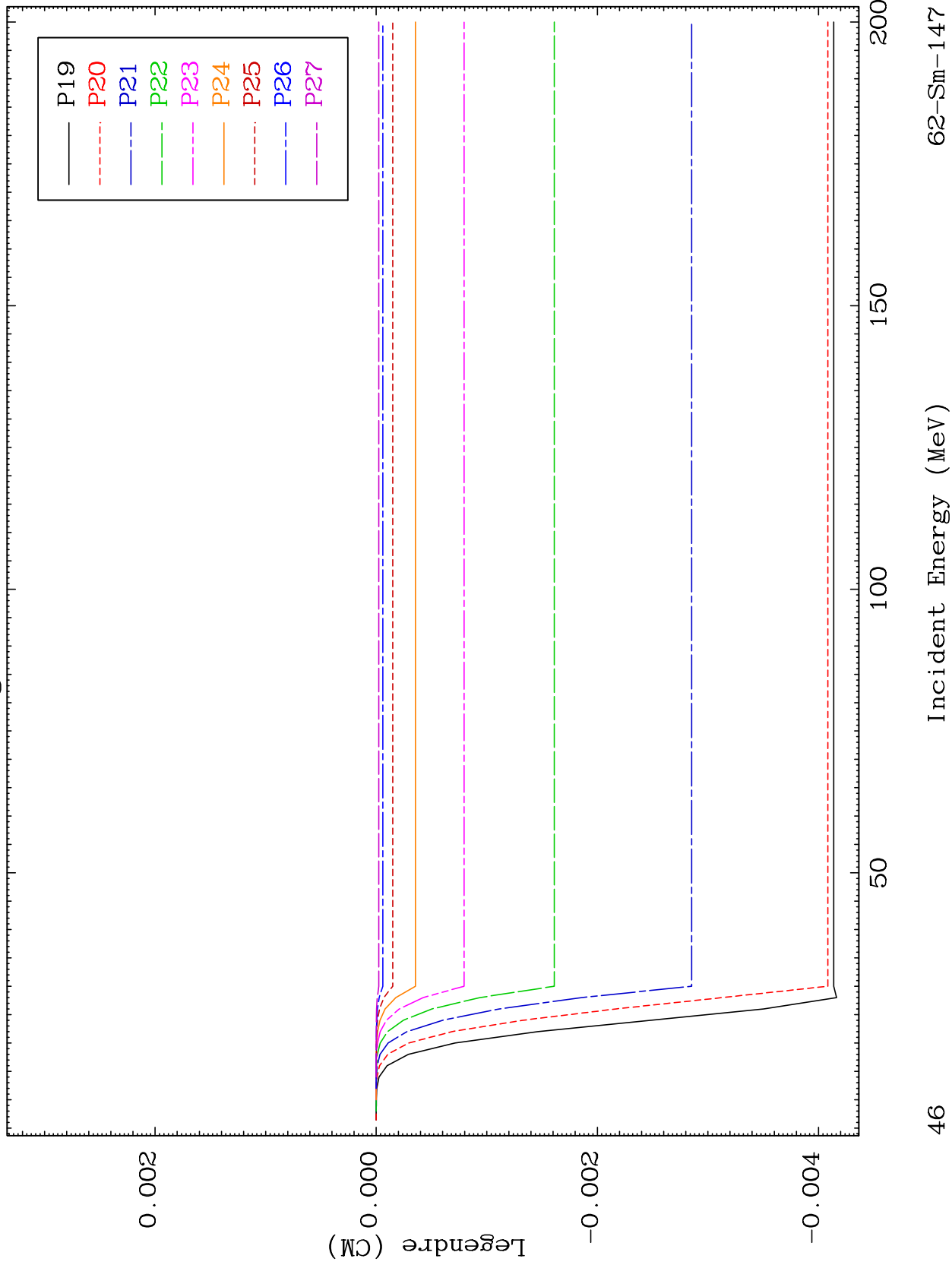
Incident Energy (MeV)

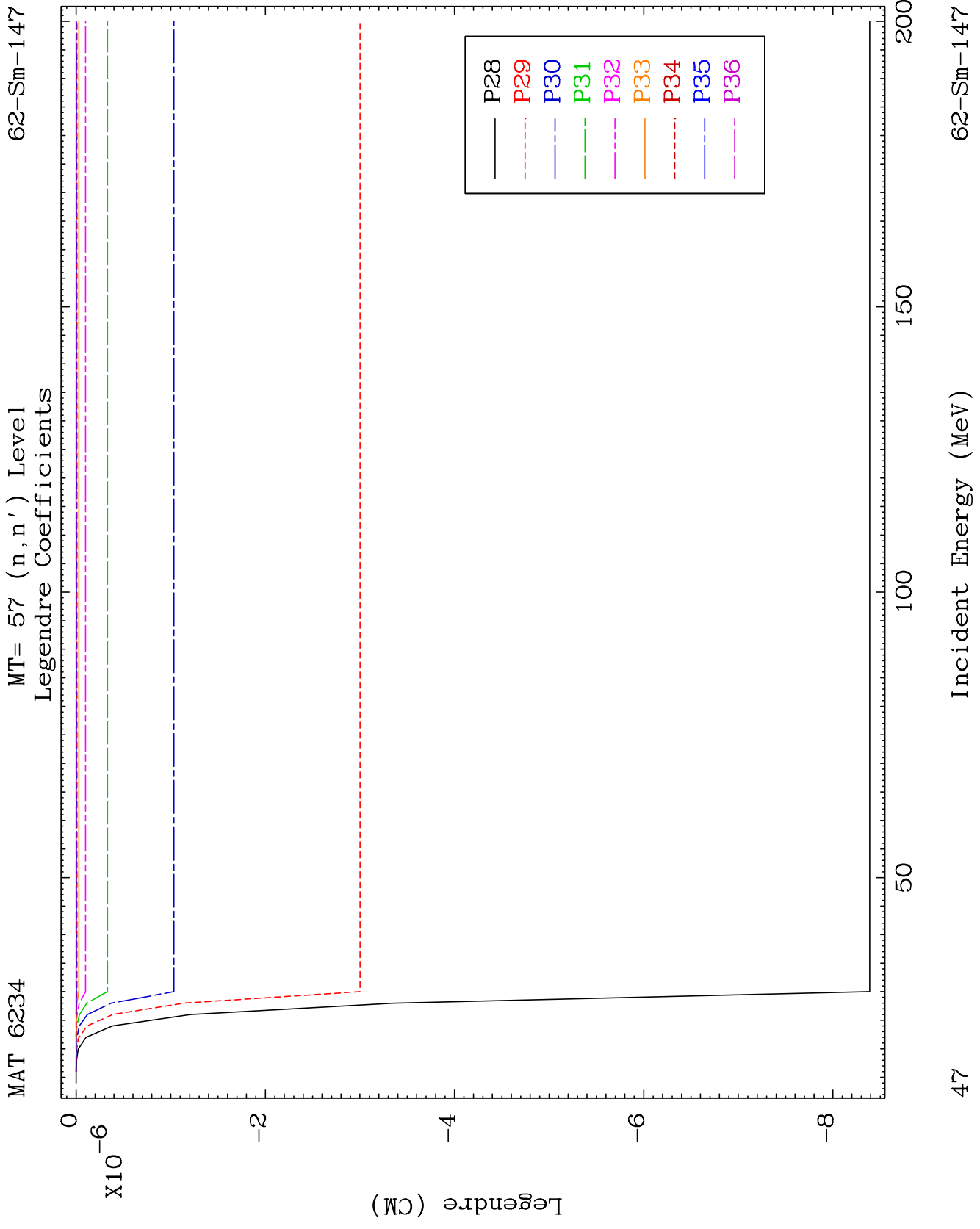
45

MAT 6234

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

62-Sm-147

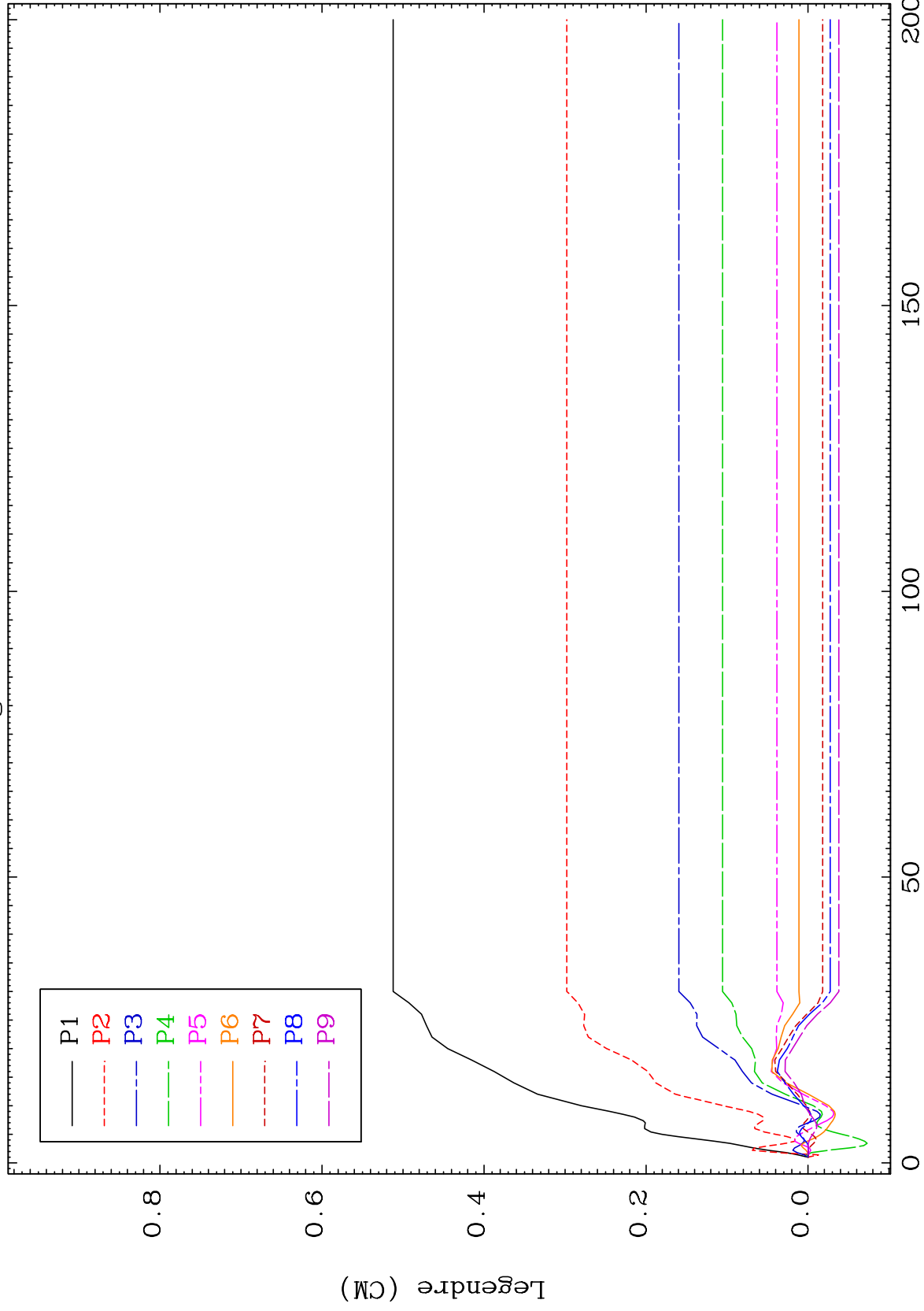




MAT 6234

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

62-Sm-147



48

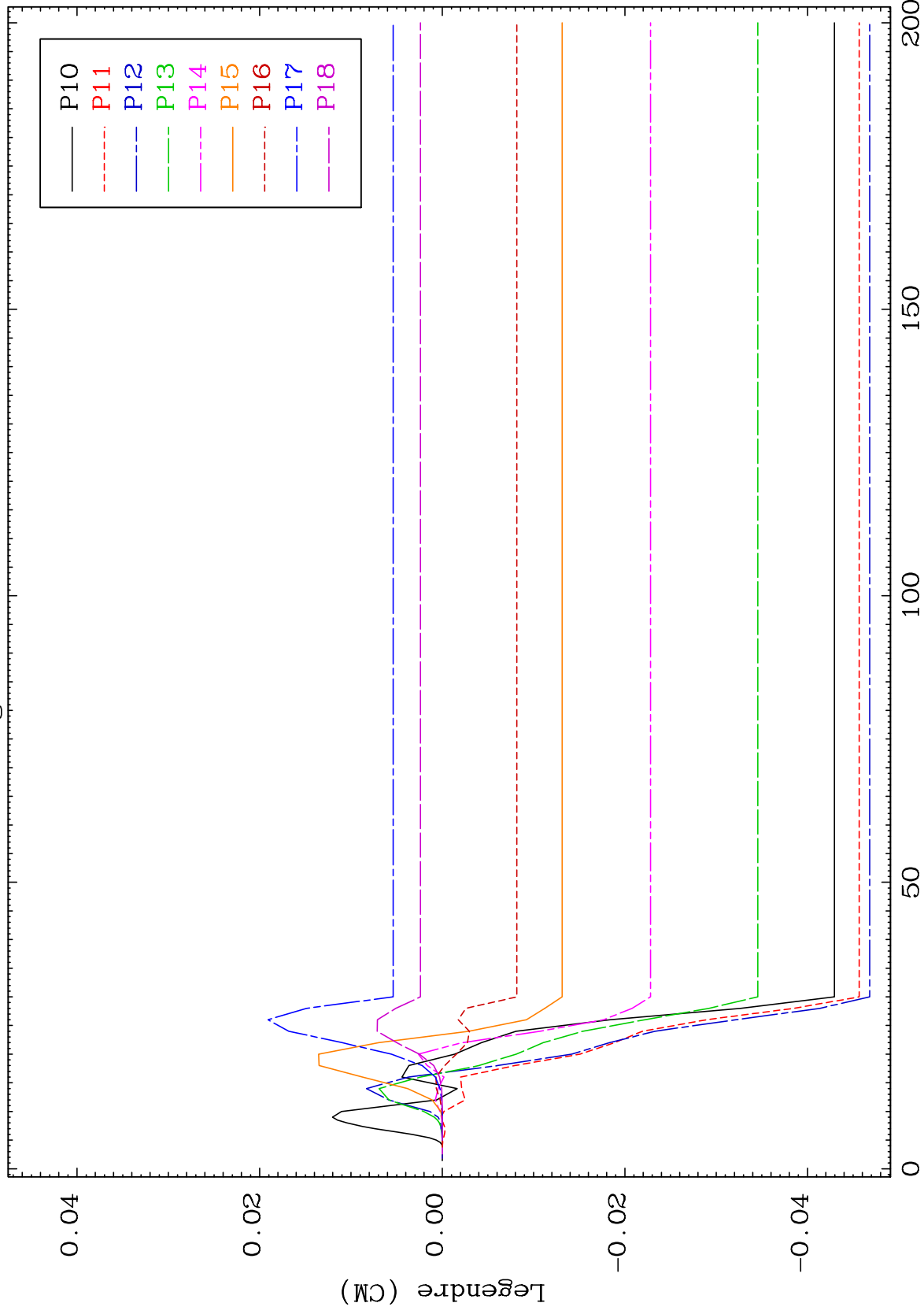
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



49

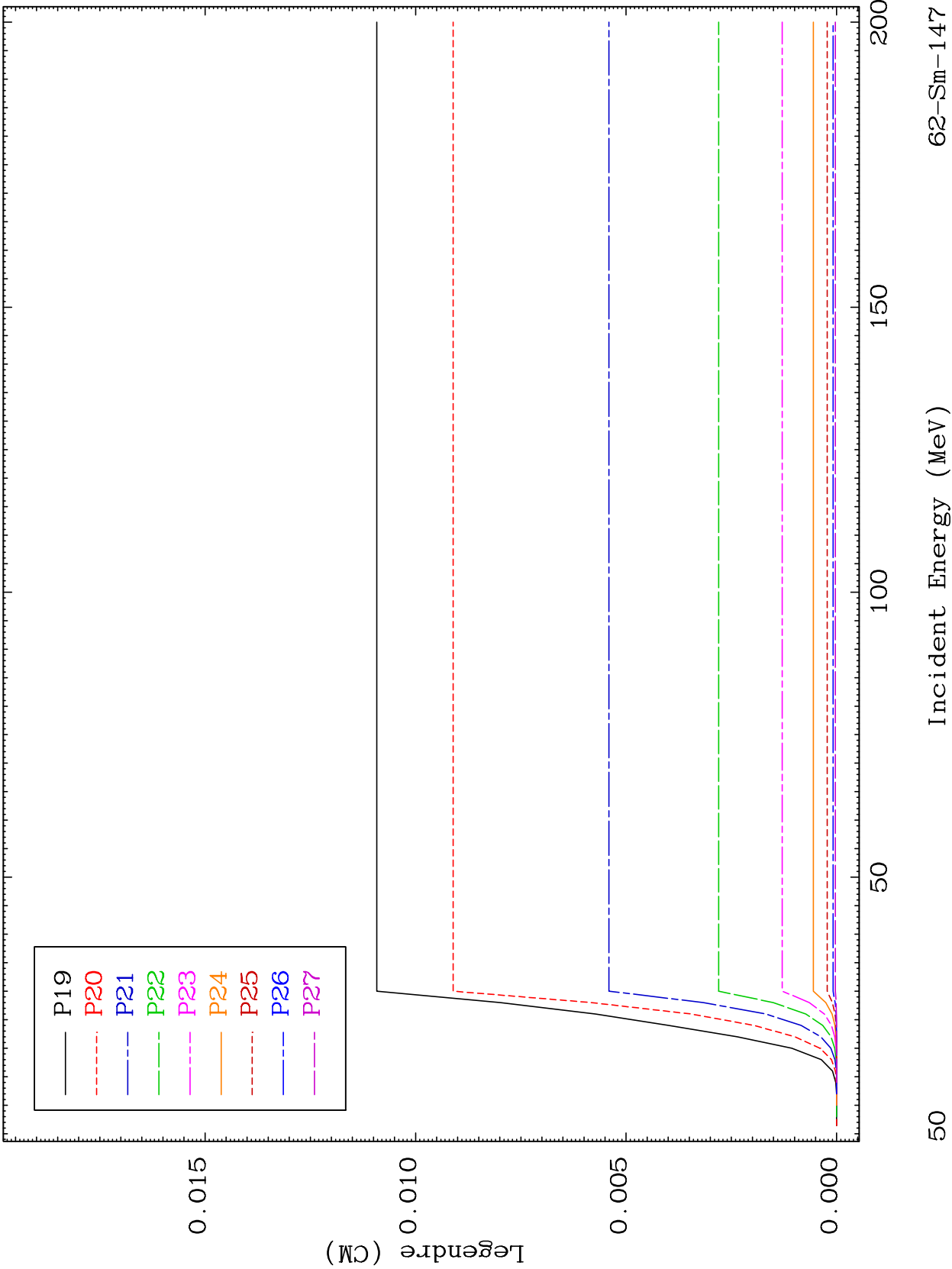
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

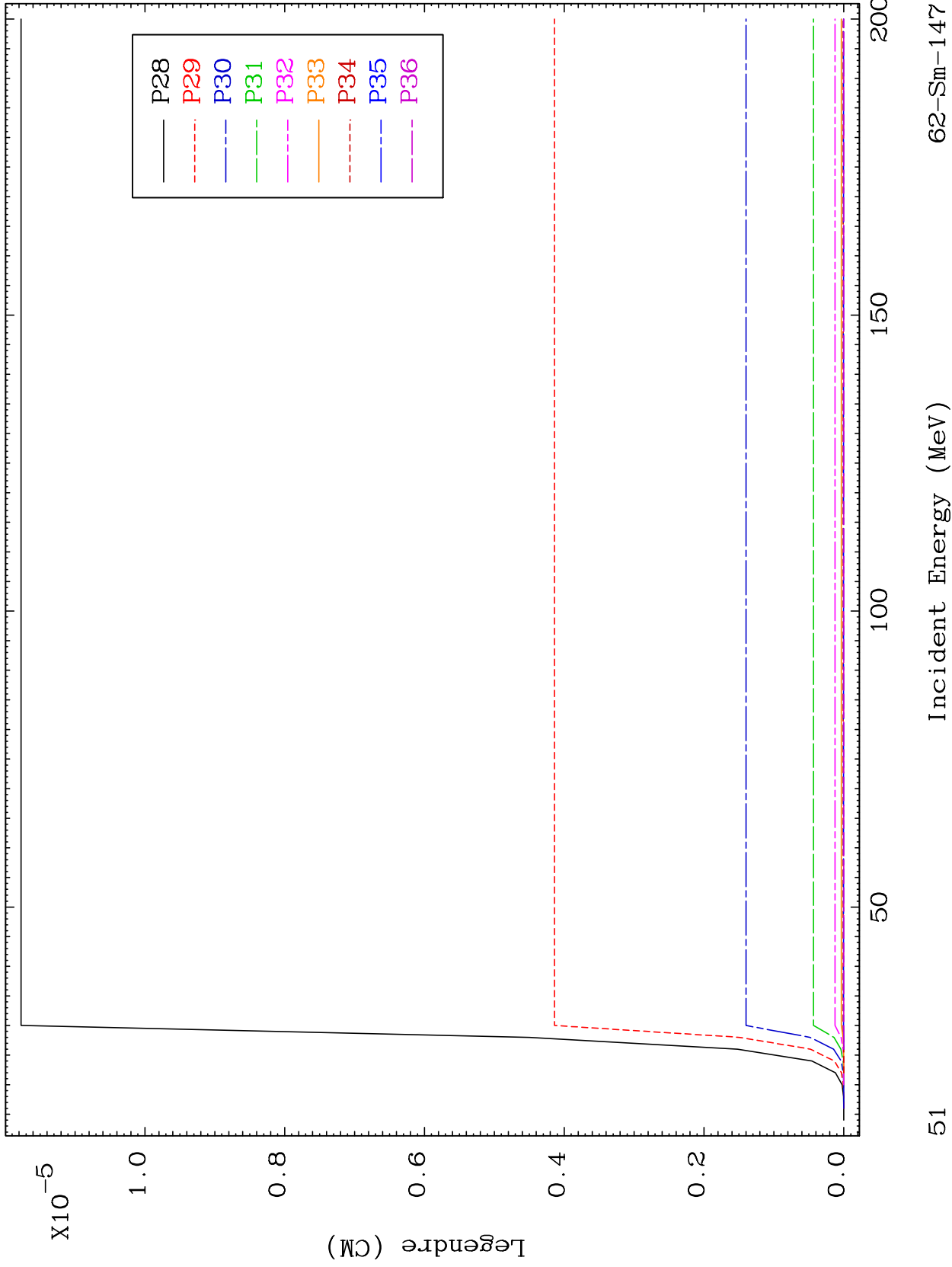
62-Sm-147



50

Incident Energy (MeV)

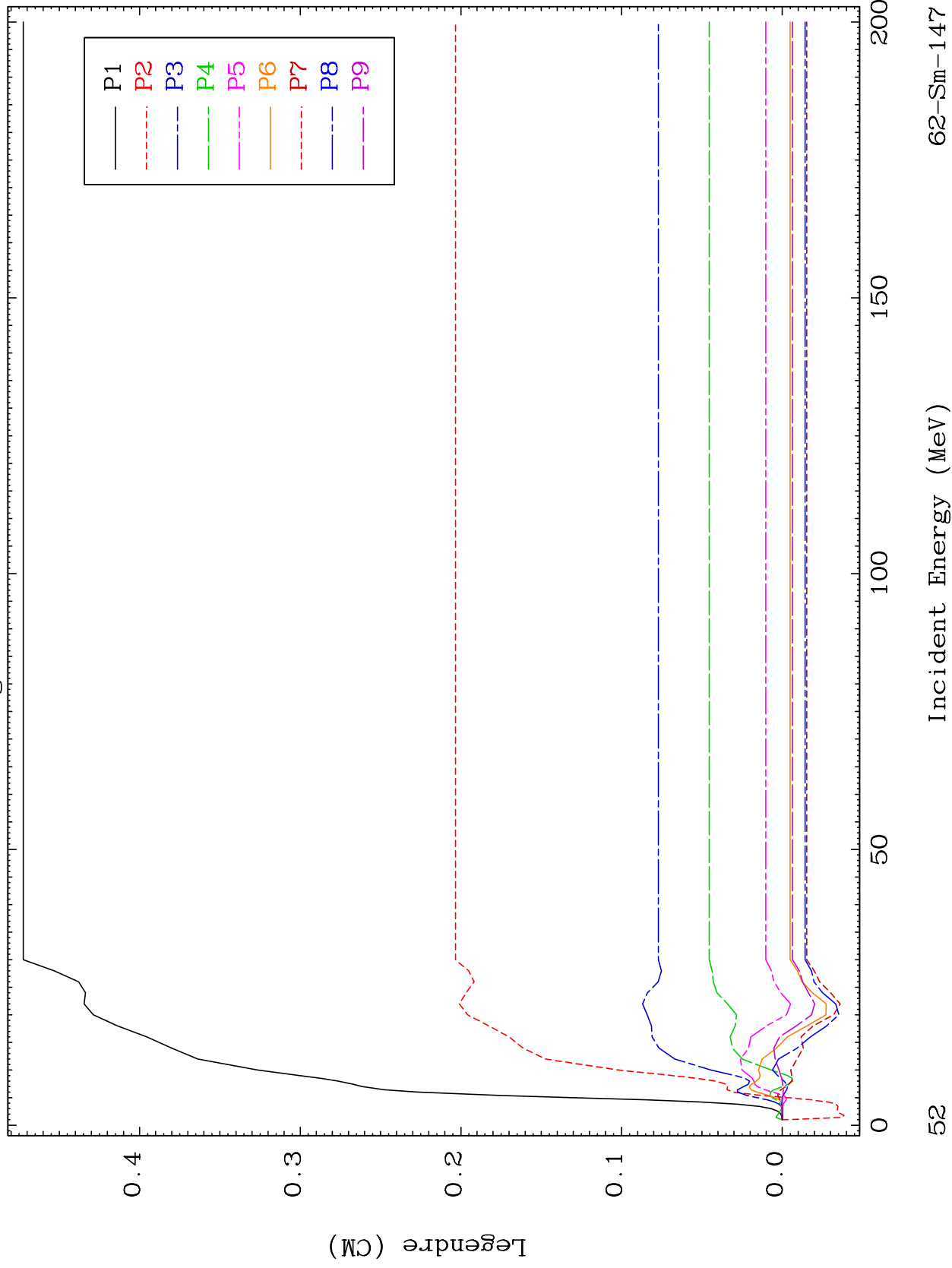
62-Sm-147



MAT 6234

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

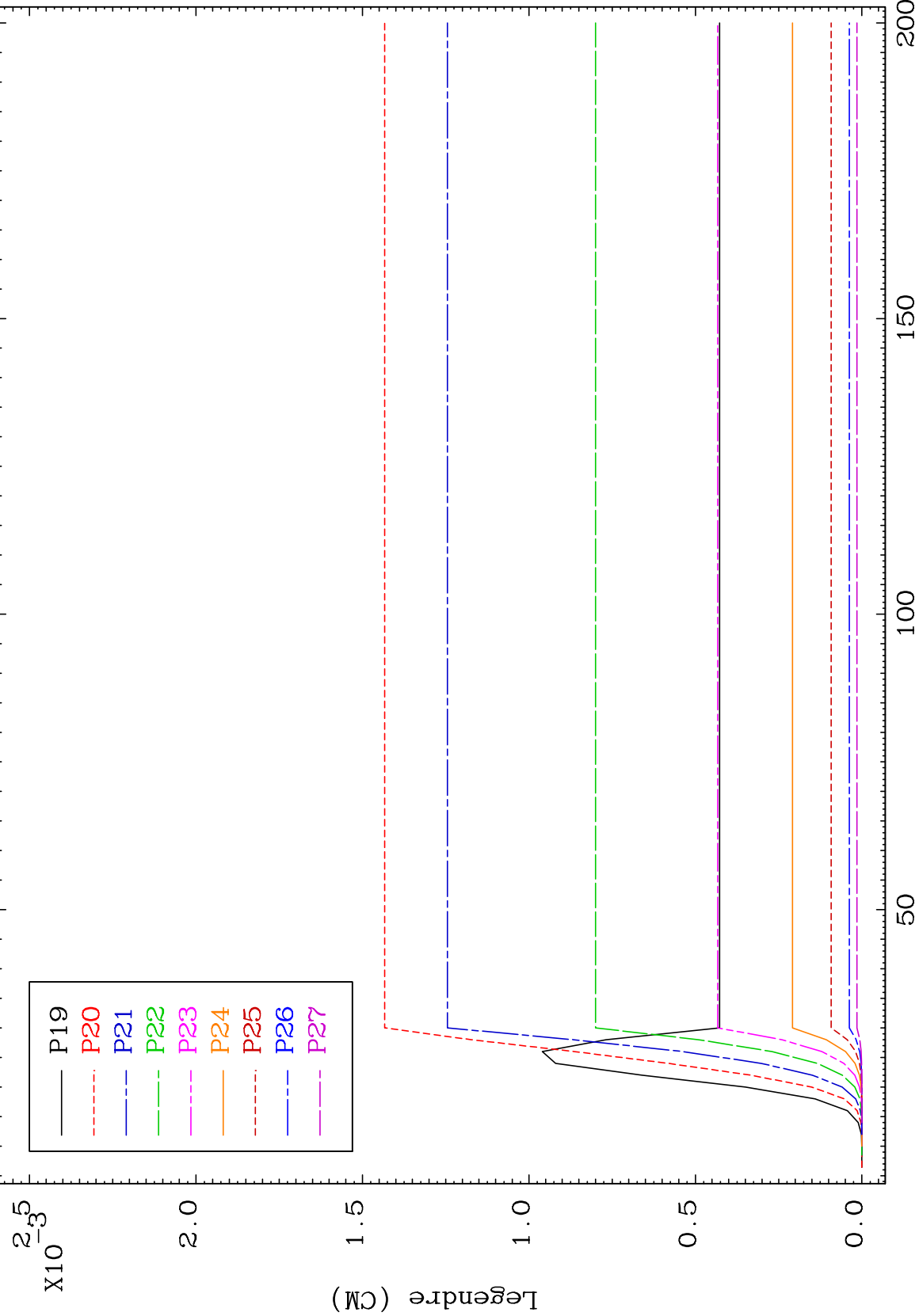
62-Sm-147



62-Sm-147

Incident Energy (MeV)

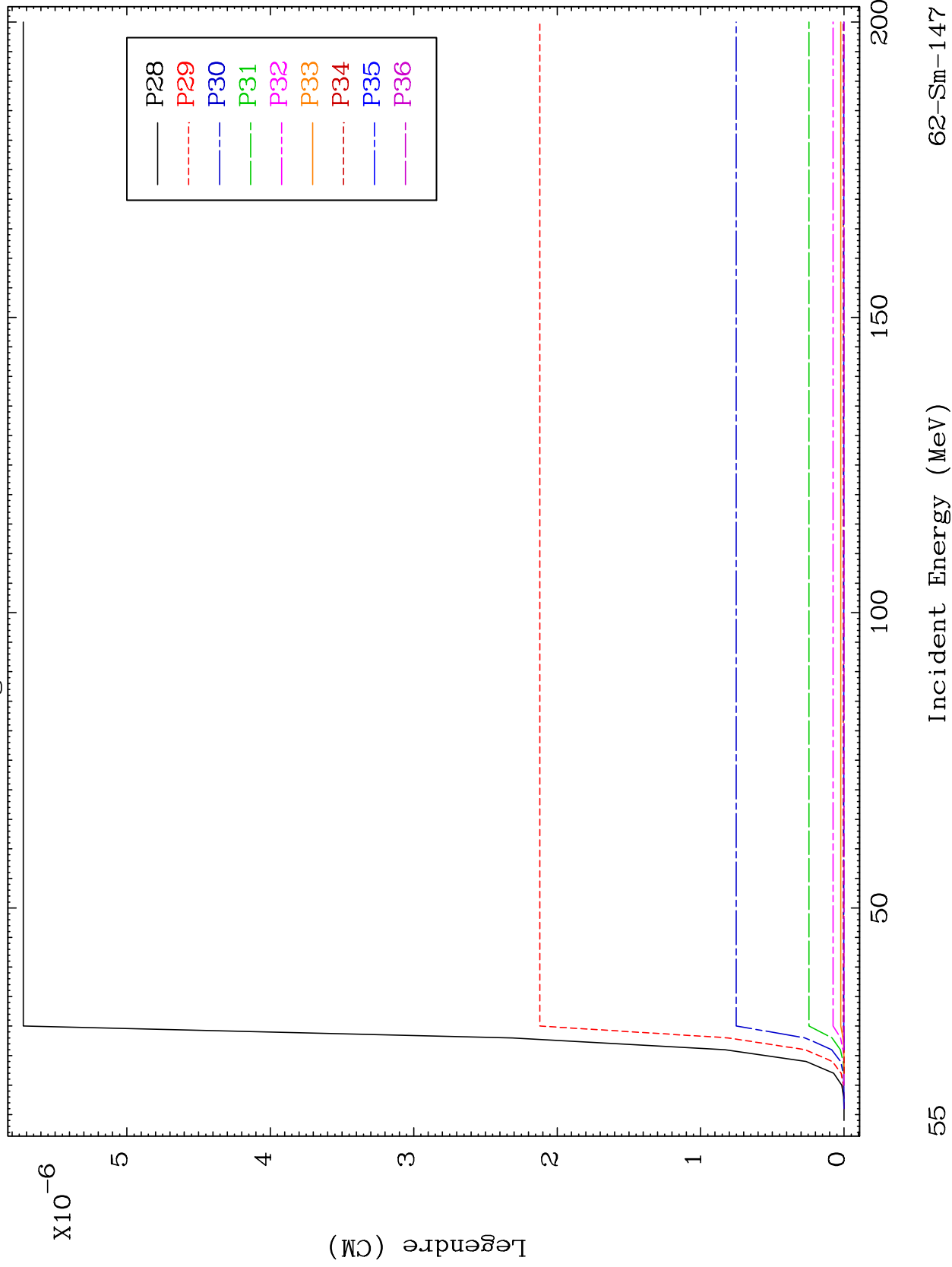
52



MAT 6234

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

62-Sm-147



62-Sm-147

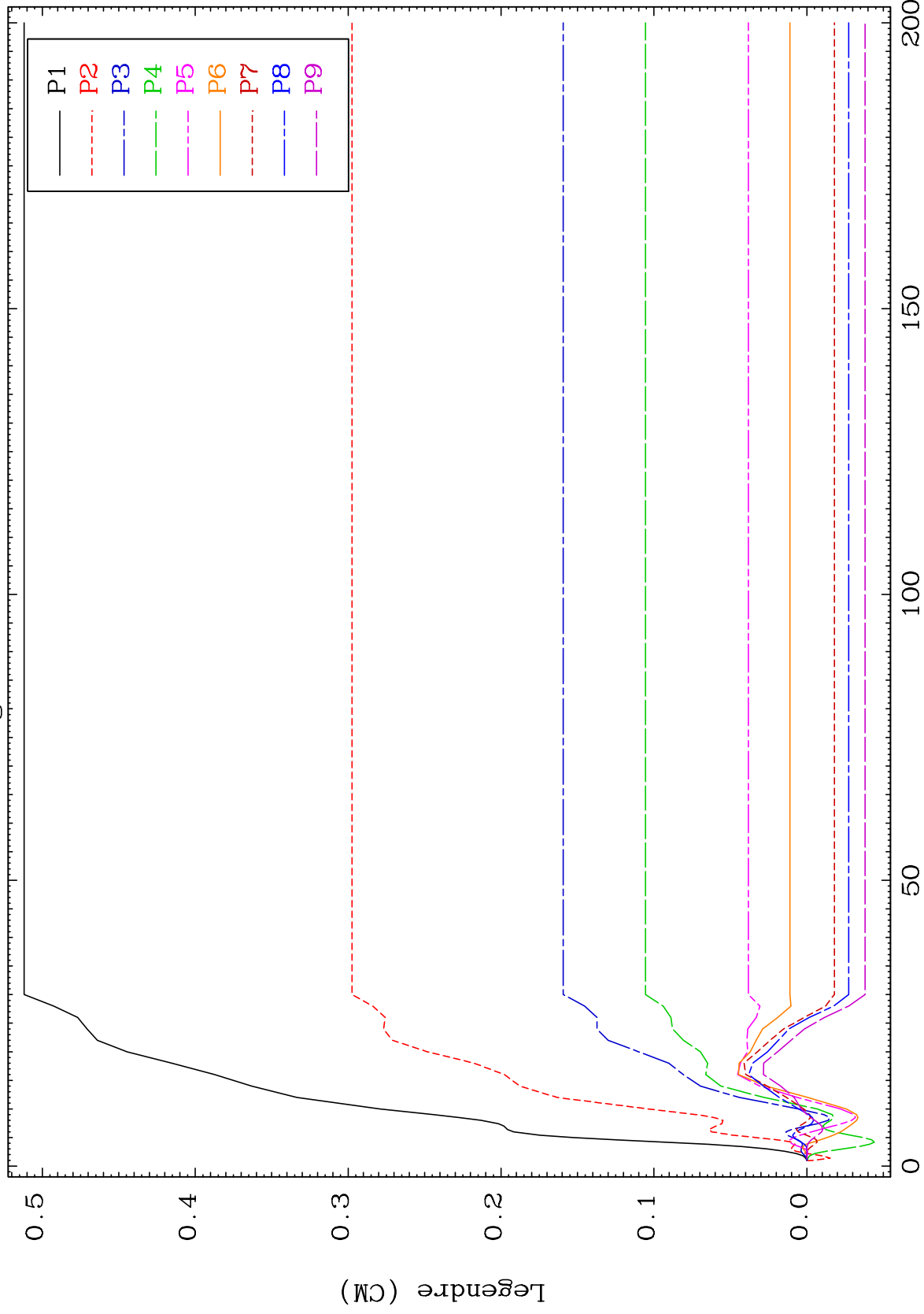
Incident Energy (MeV)

55

MAT 6234

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

62-Sm-147



62-Sm-147

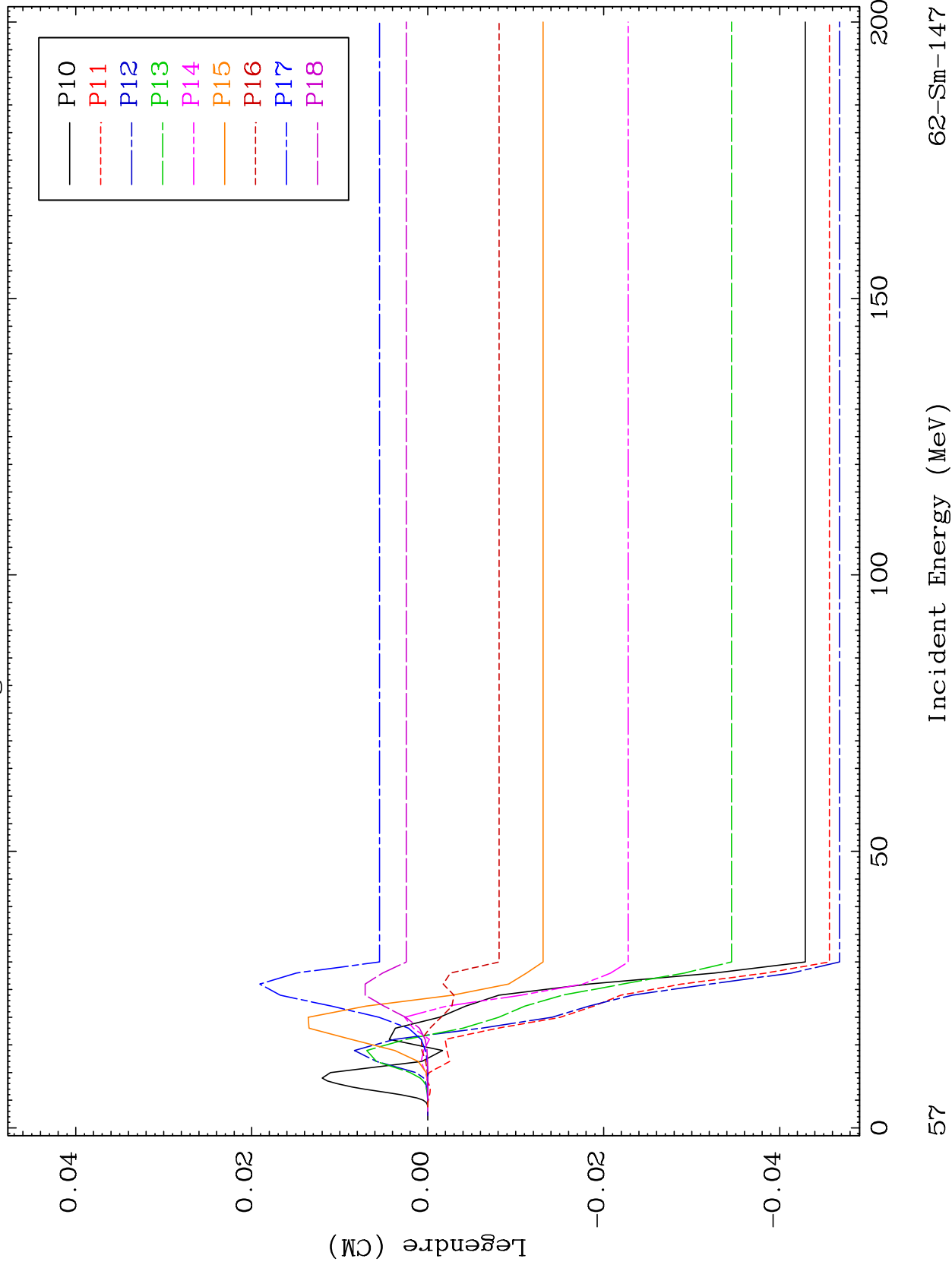
Incident Energy (MeV)

56

MAT 6234

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

62-Sm-147



57

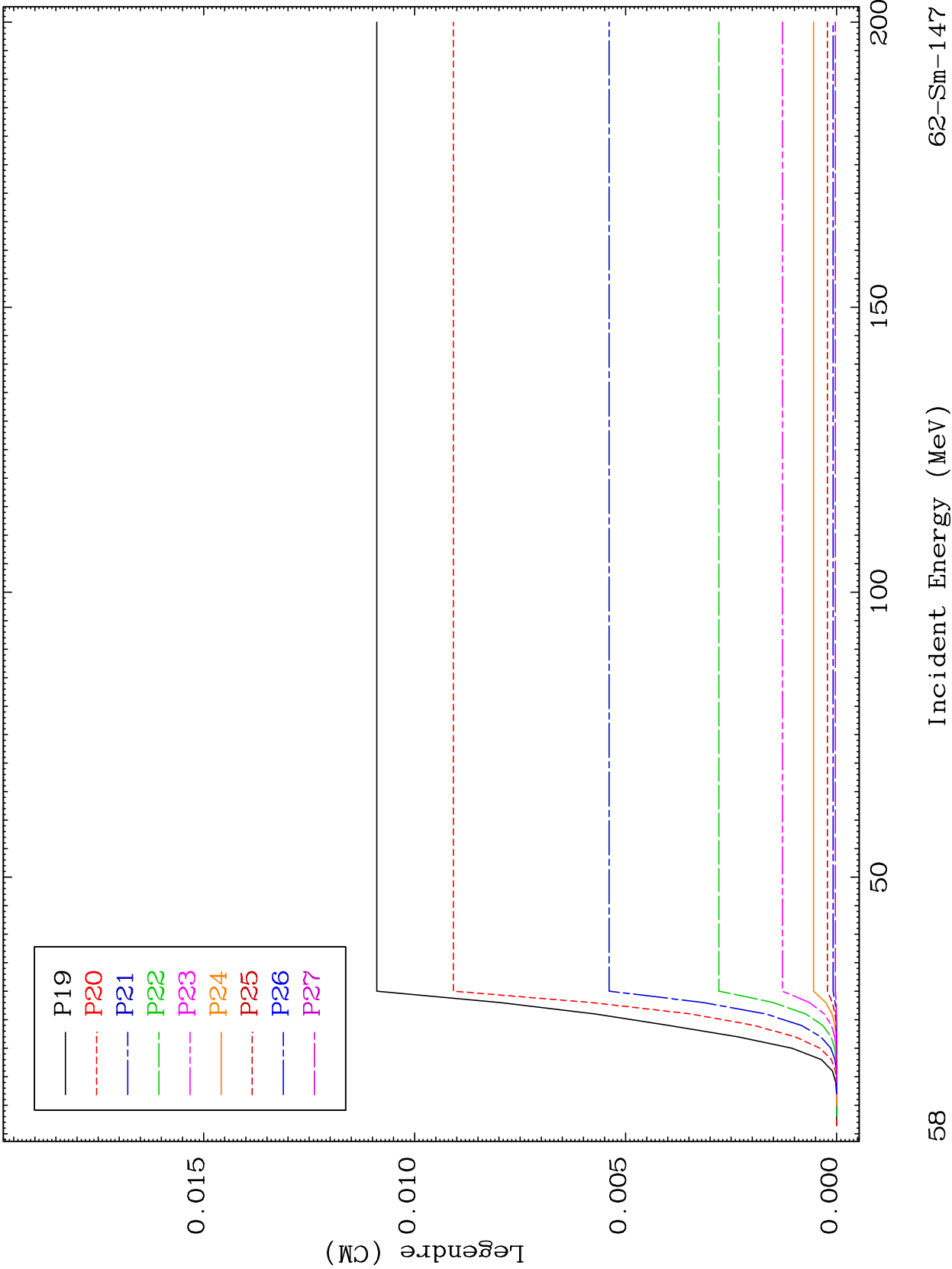
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



58

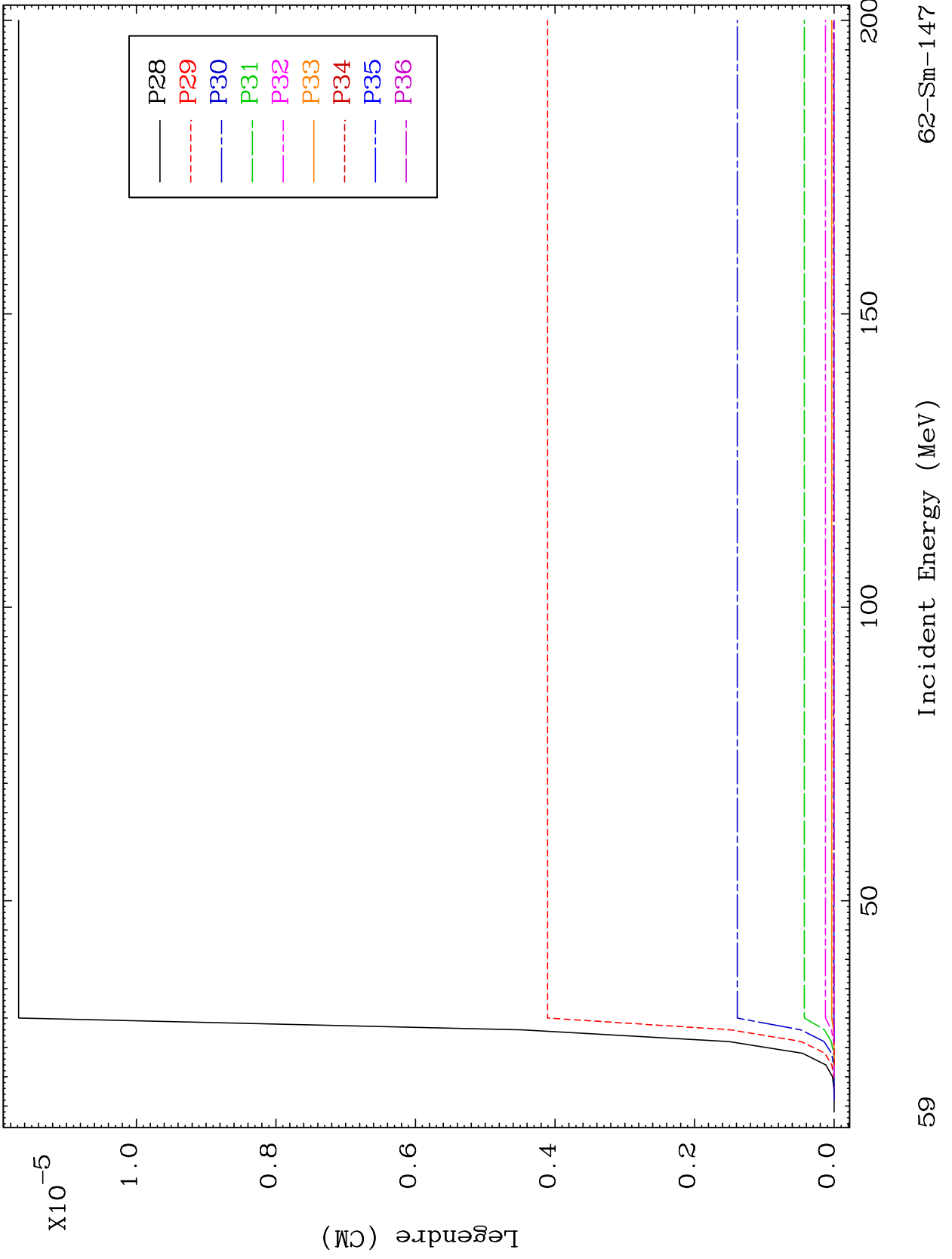
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



59

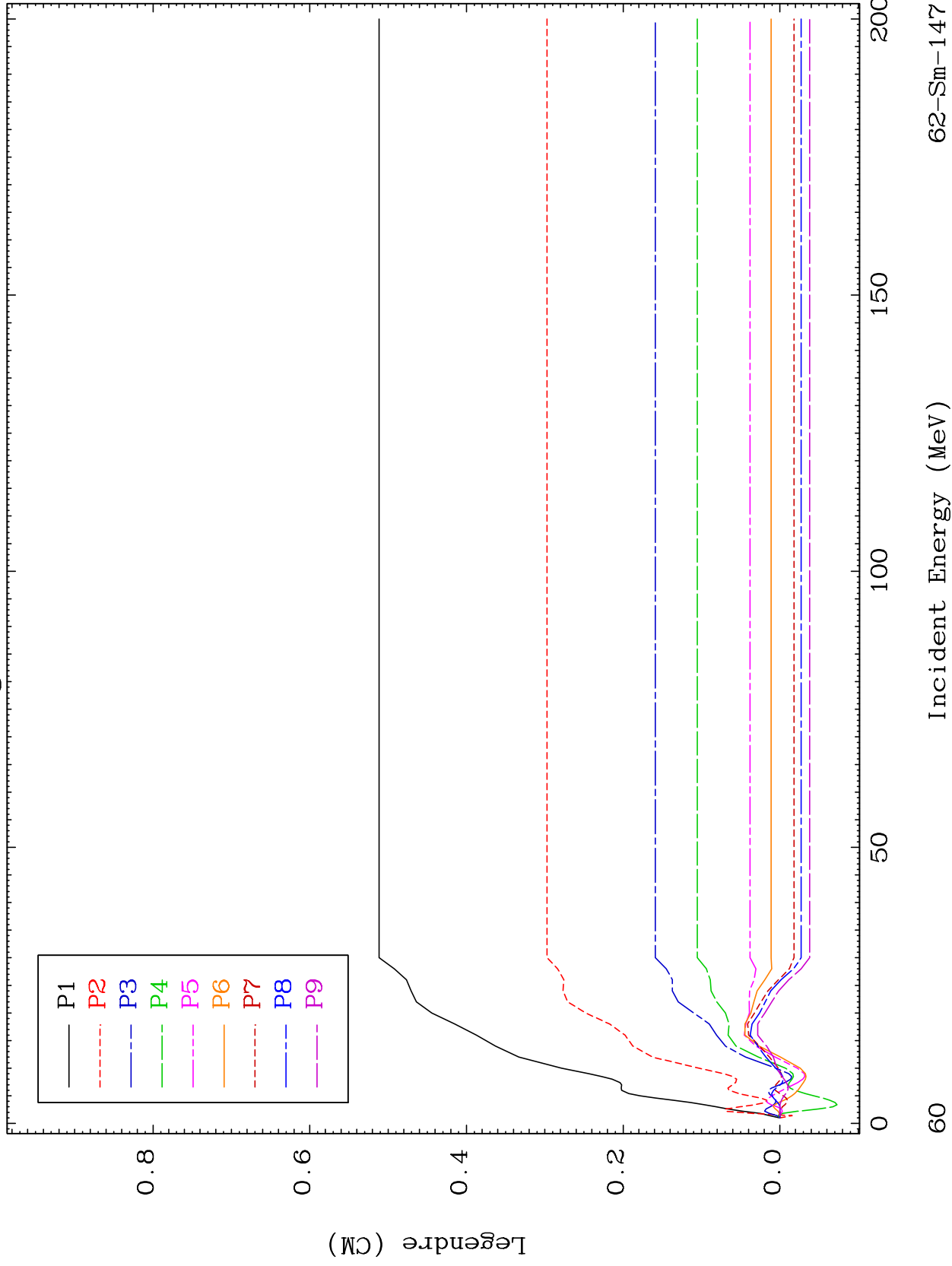
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147

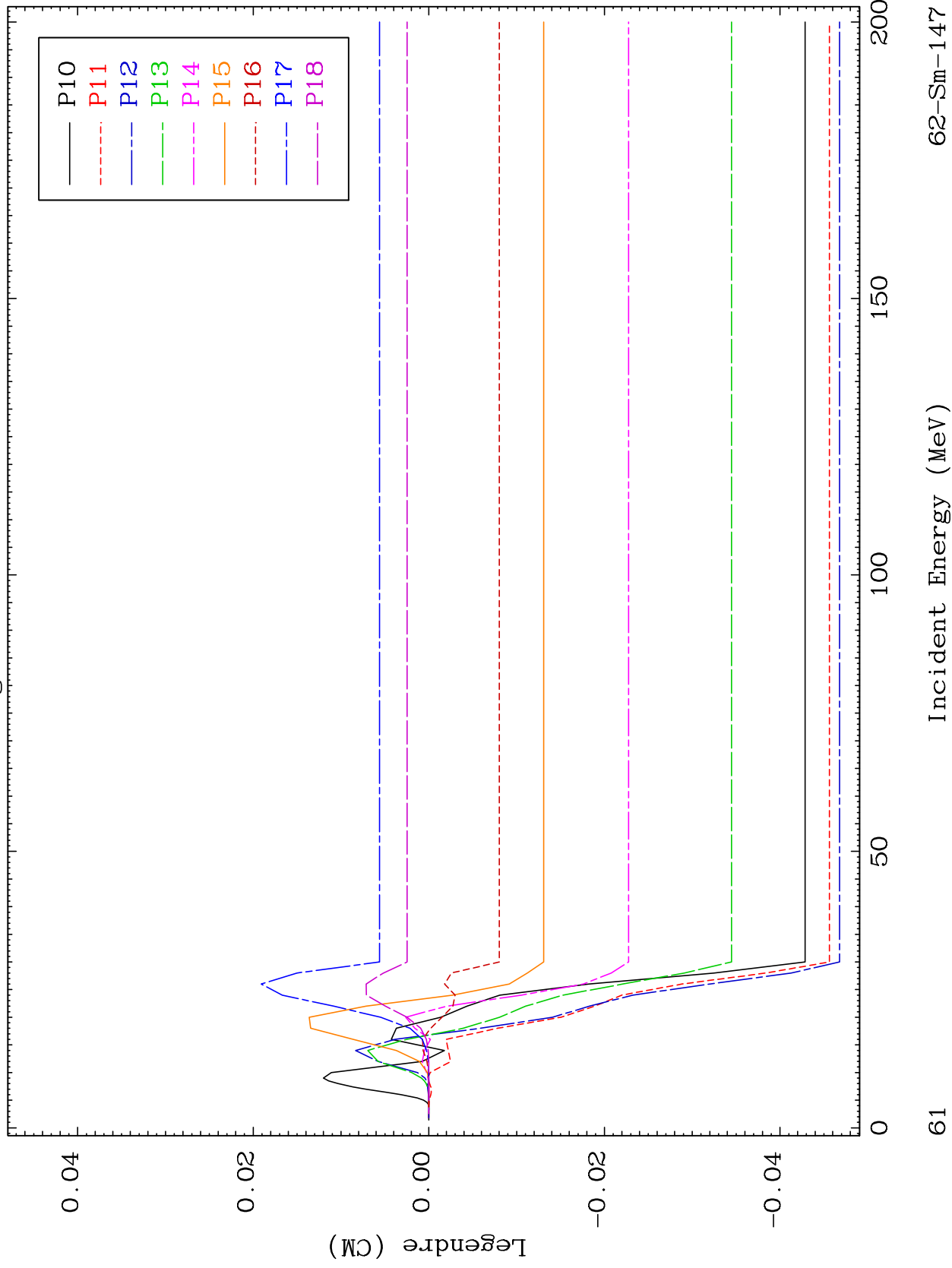


62-Sm-147

MAT 6234

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

62-Sm-147



62-Sm-147

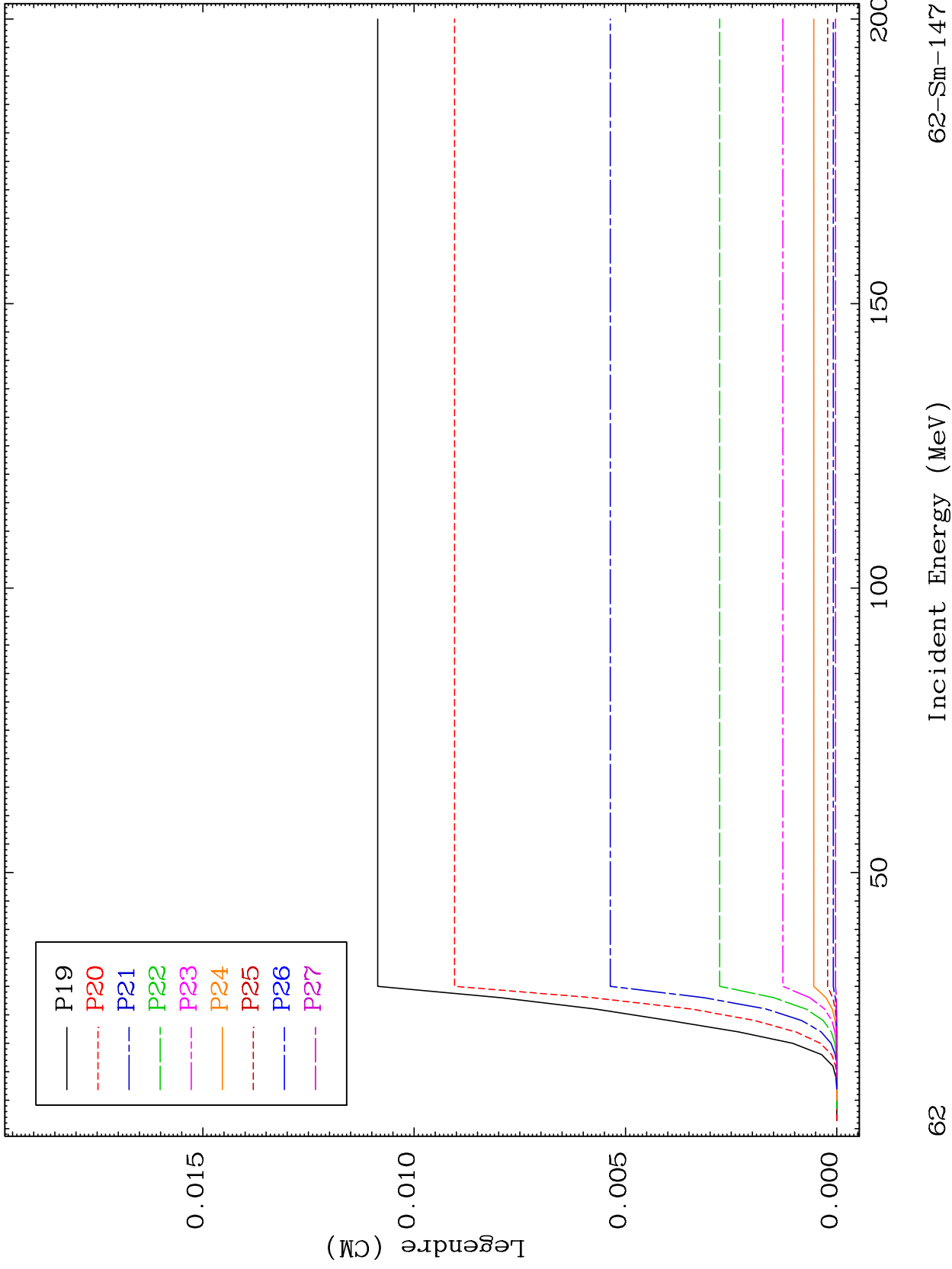
Incident Energy (MeV)

61

MAT 6234

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

62-Sm-147



62

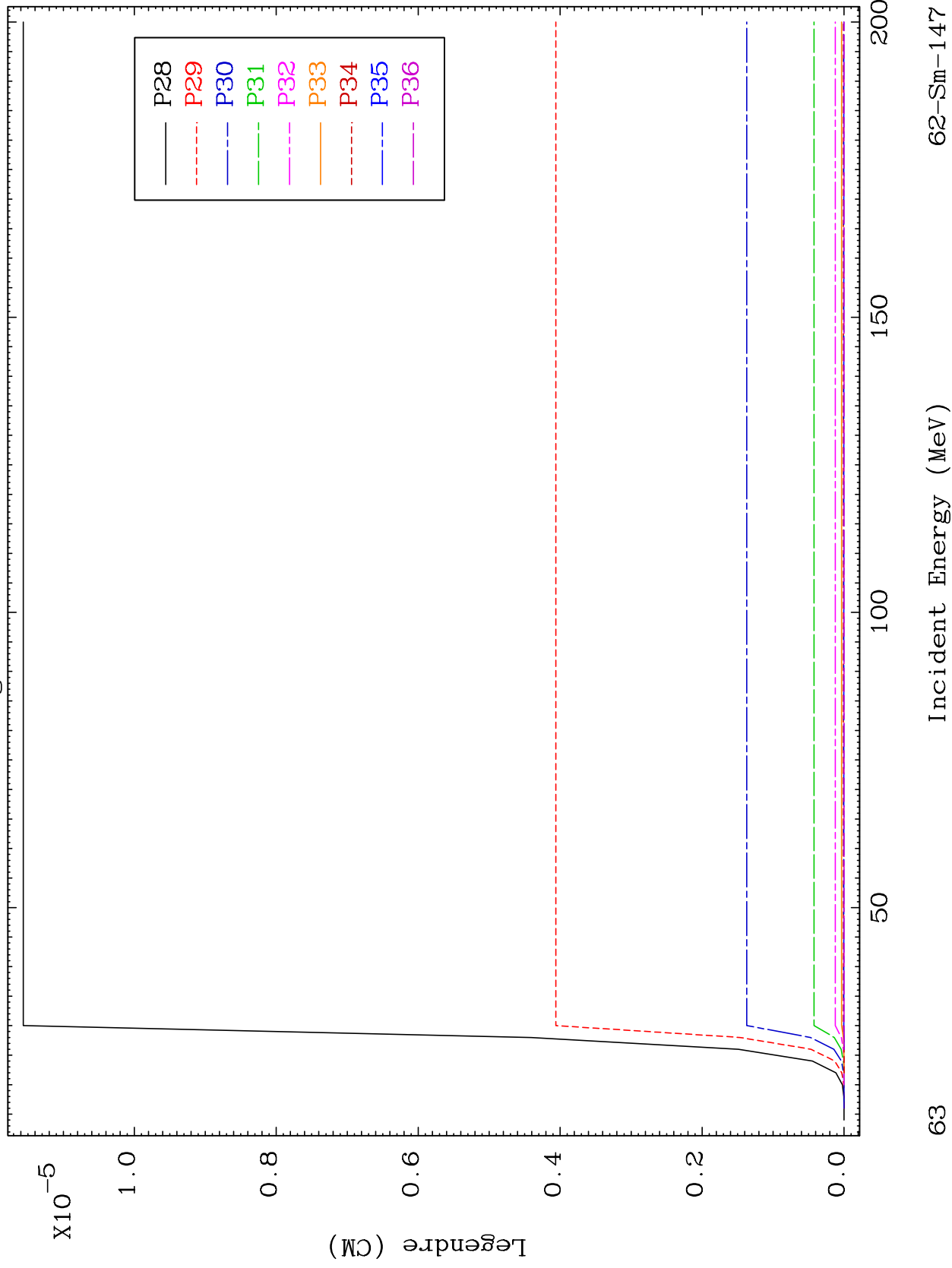
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

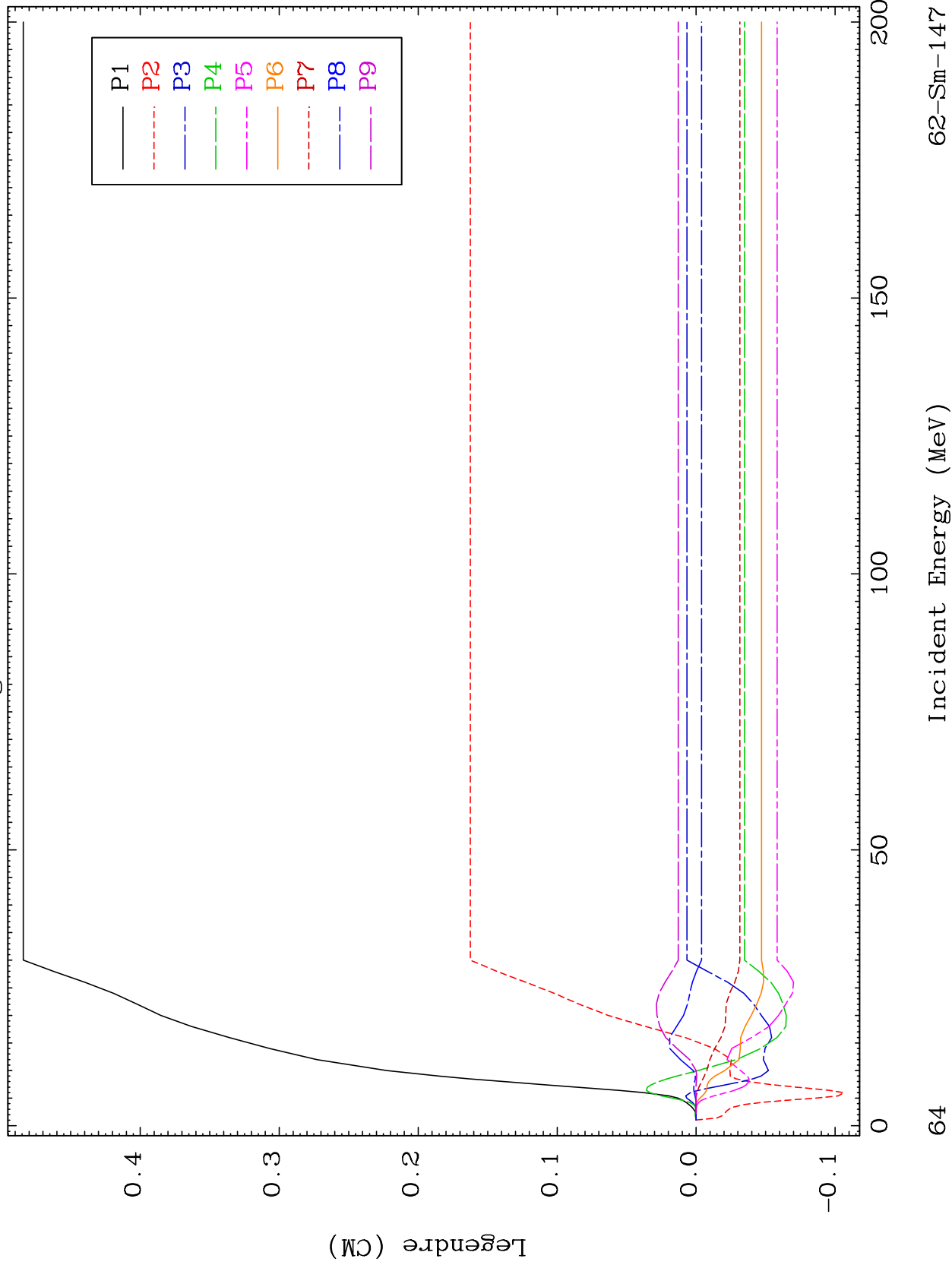
62-Sm-147



MAT 6234

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

62-Sm-147



62-Sm-147

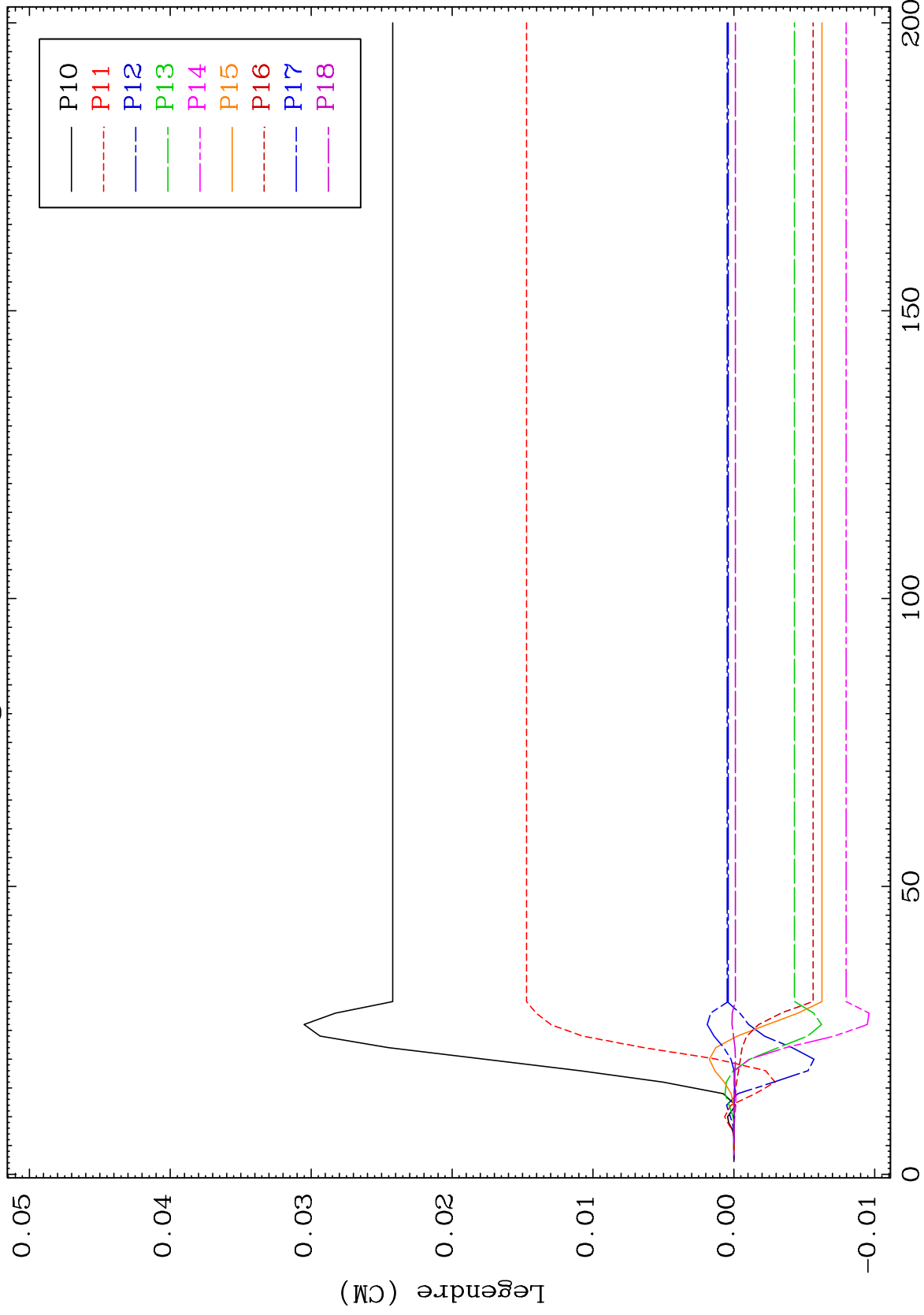
Incident Energy (MeV)

64

MAT 6234

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

62-Sm-147



65

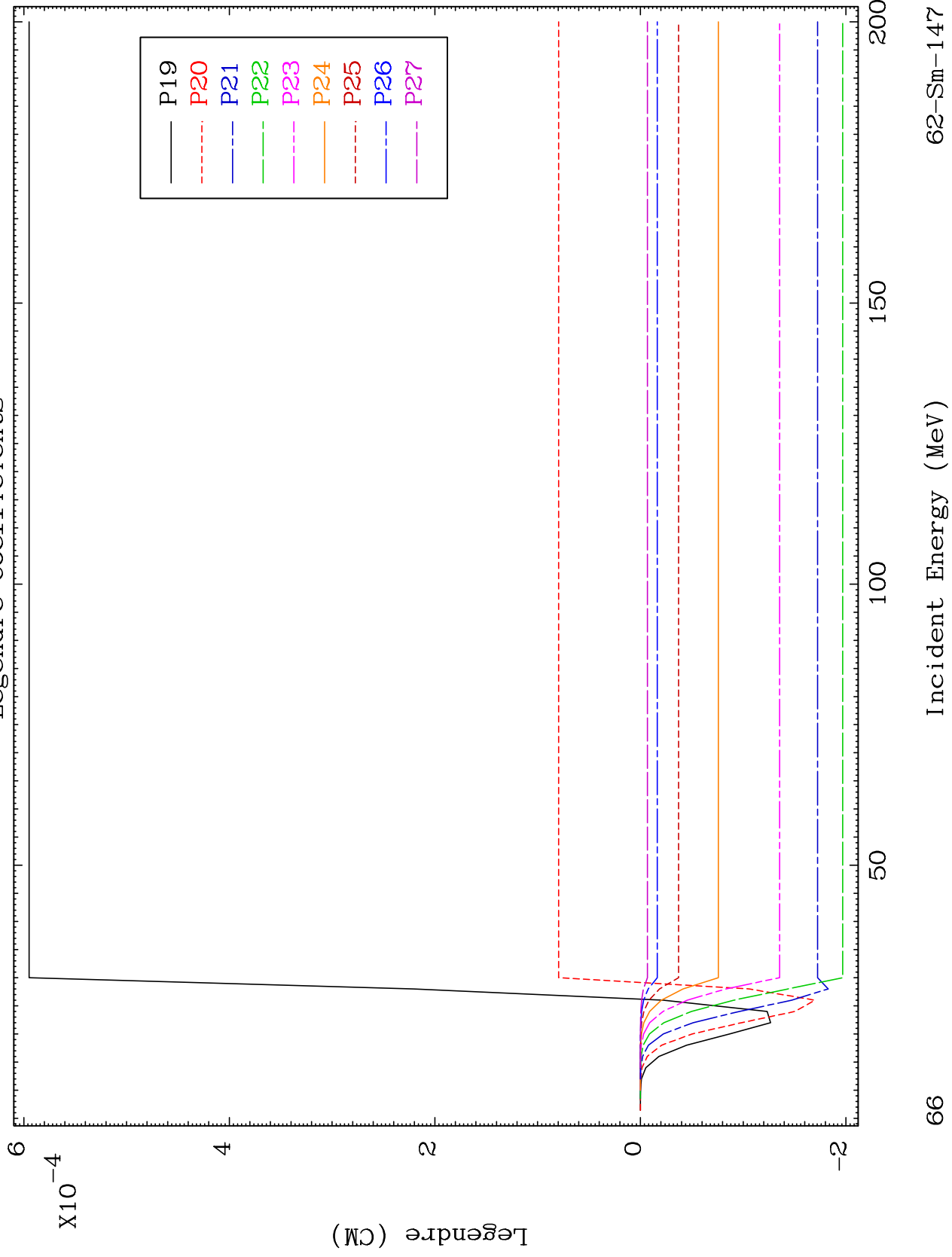
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

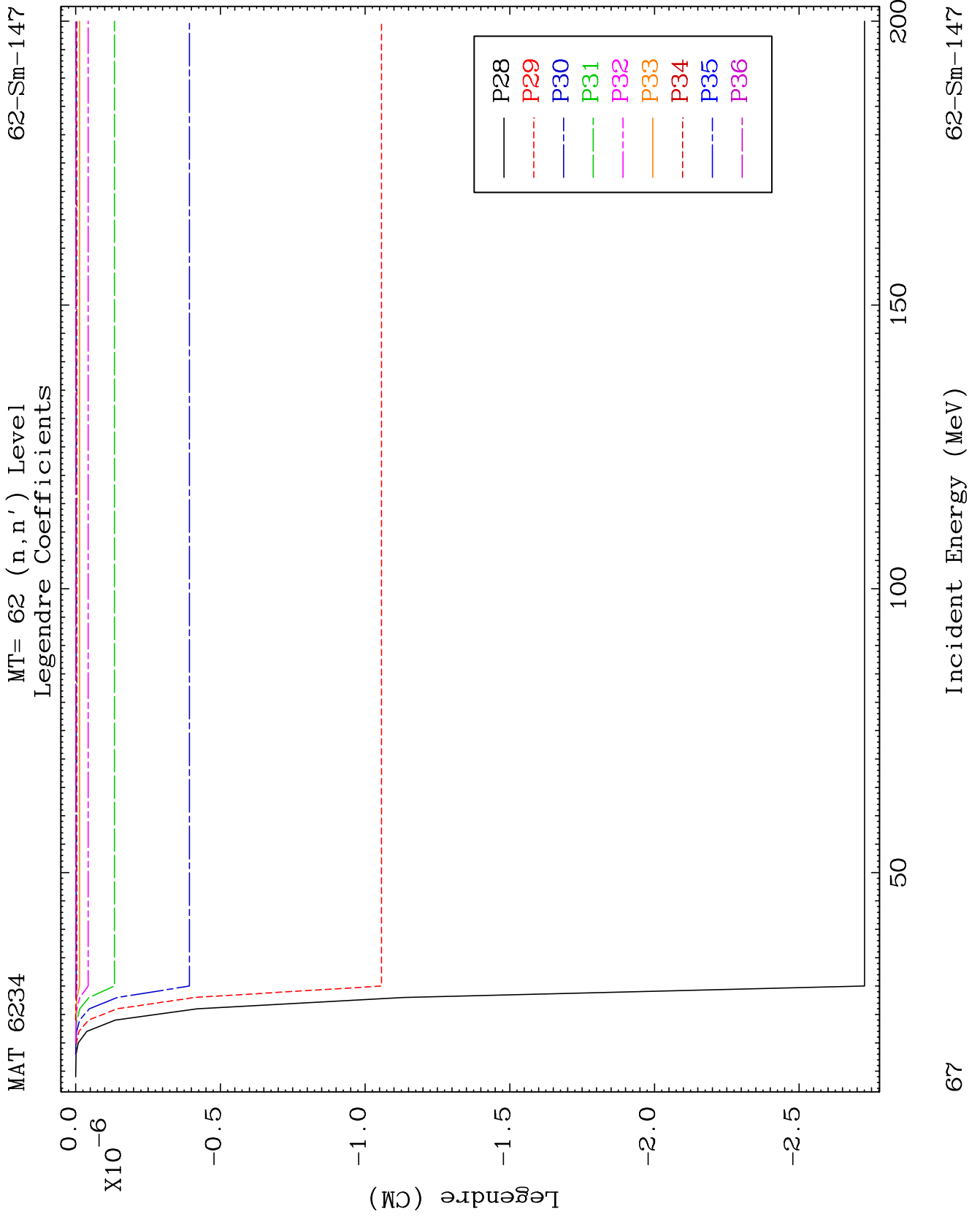
62-Sm-147



66

Incident Energy (MeV)

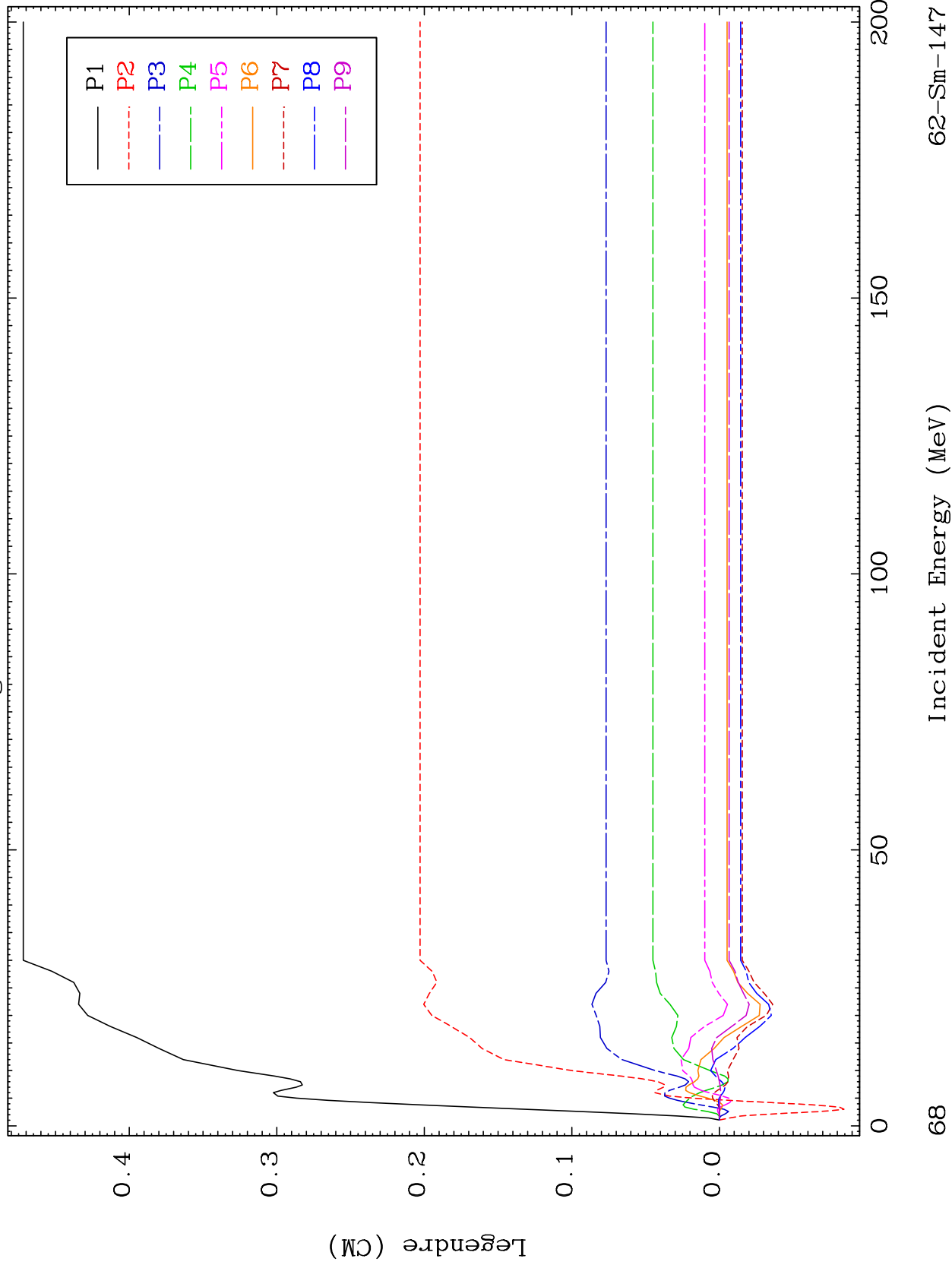
62-Sm-147



MAT 6234

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

62-Sm-147



62-Sm-147

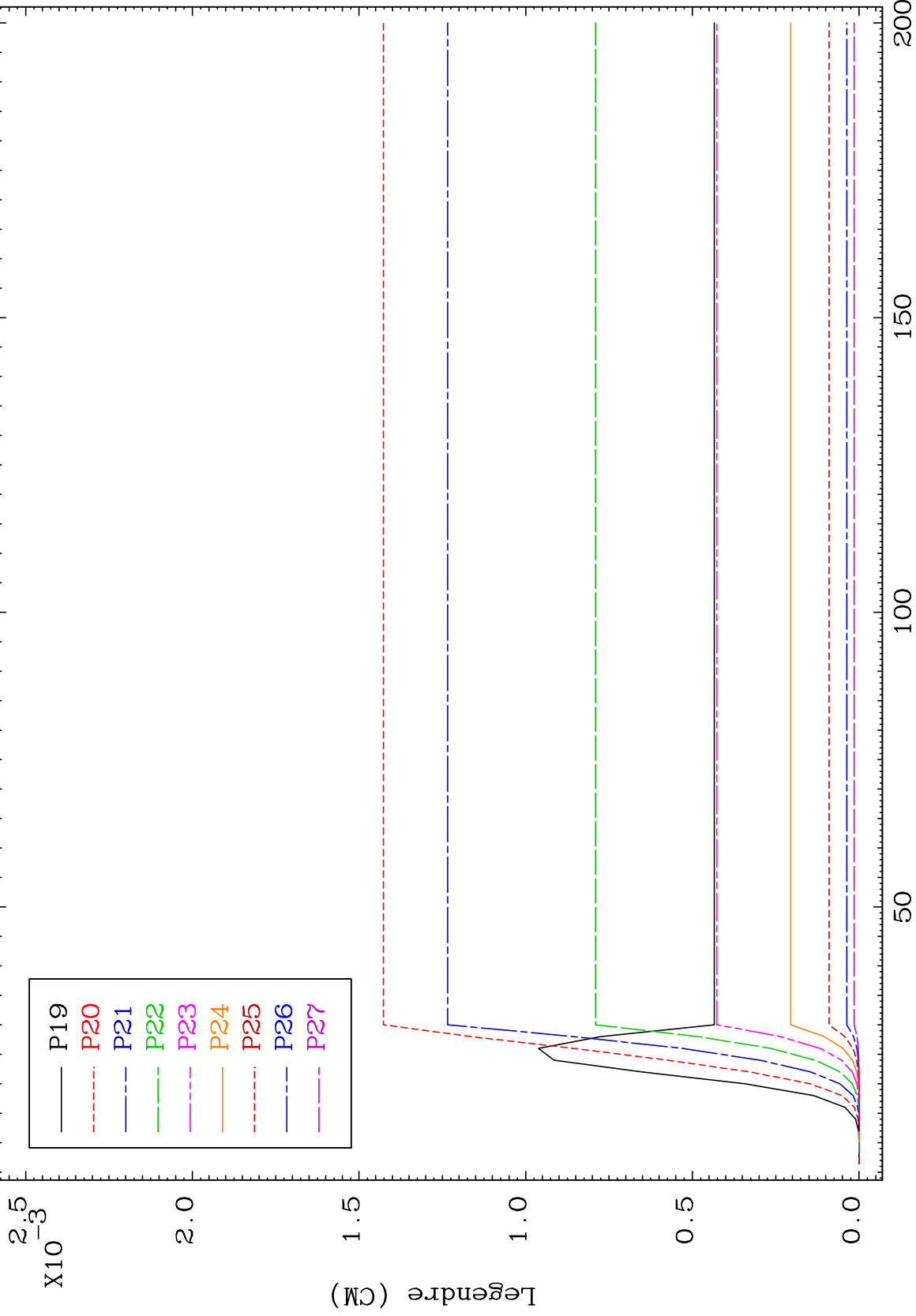
Incident Energy (MeV)

68

MAT 6234

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

62-Sm-147



70

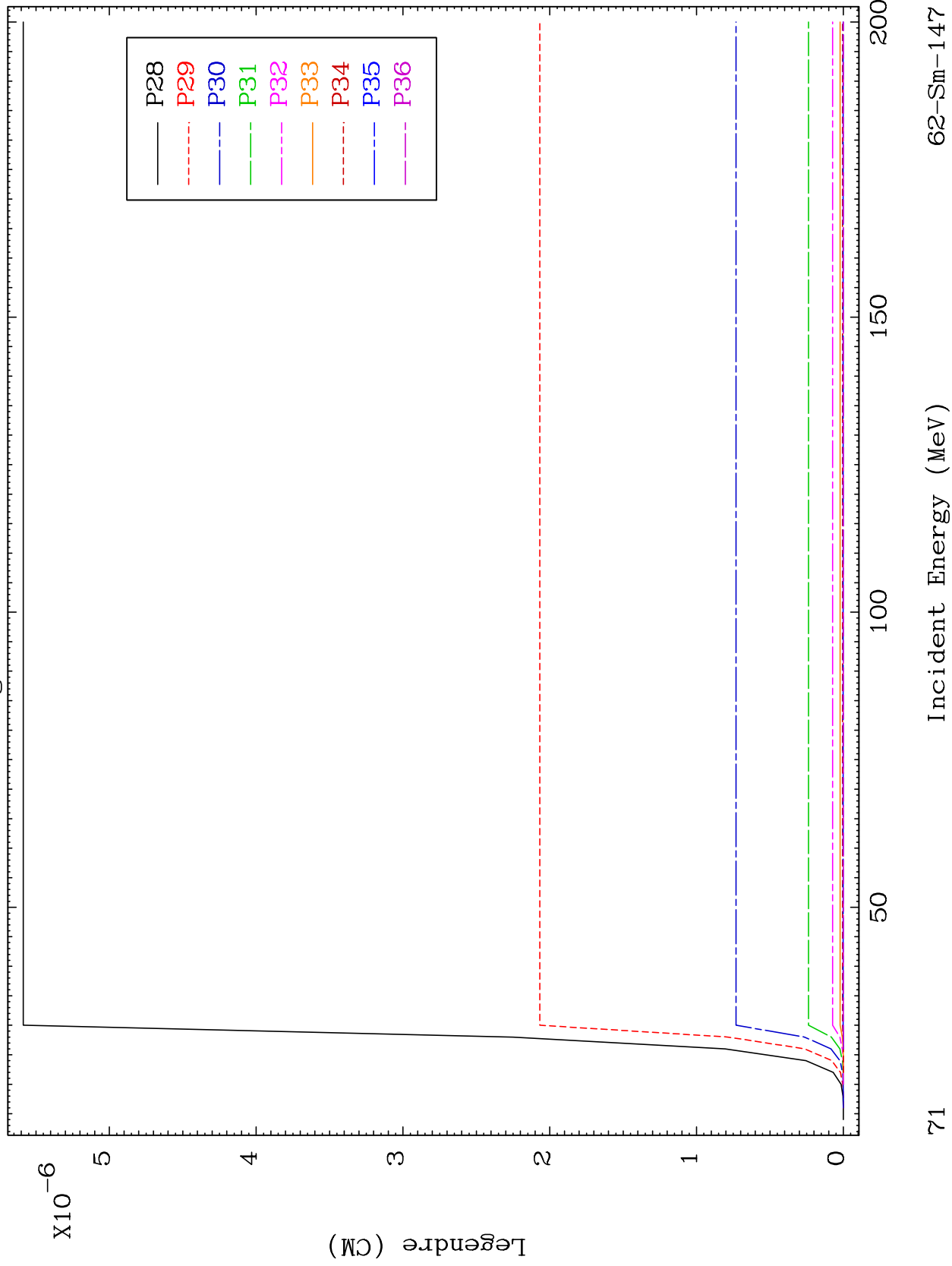
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

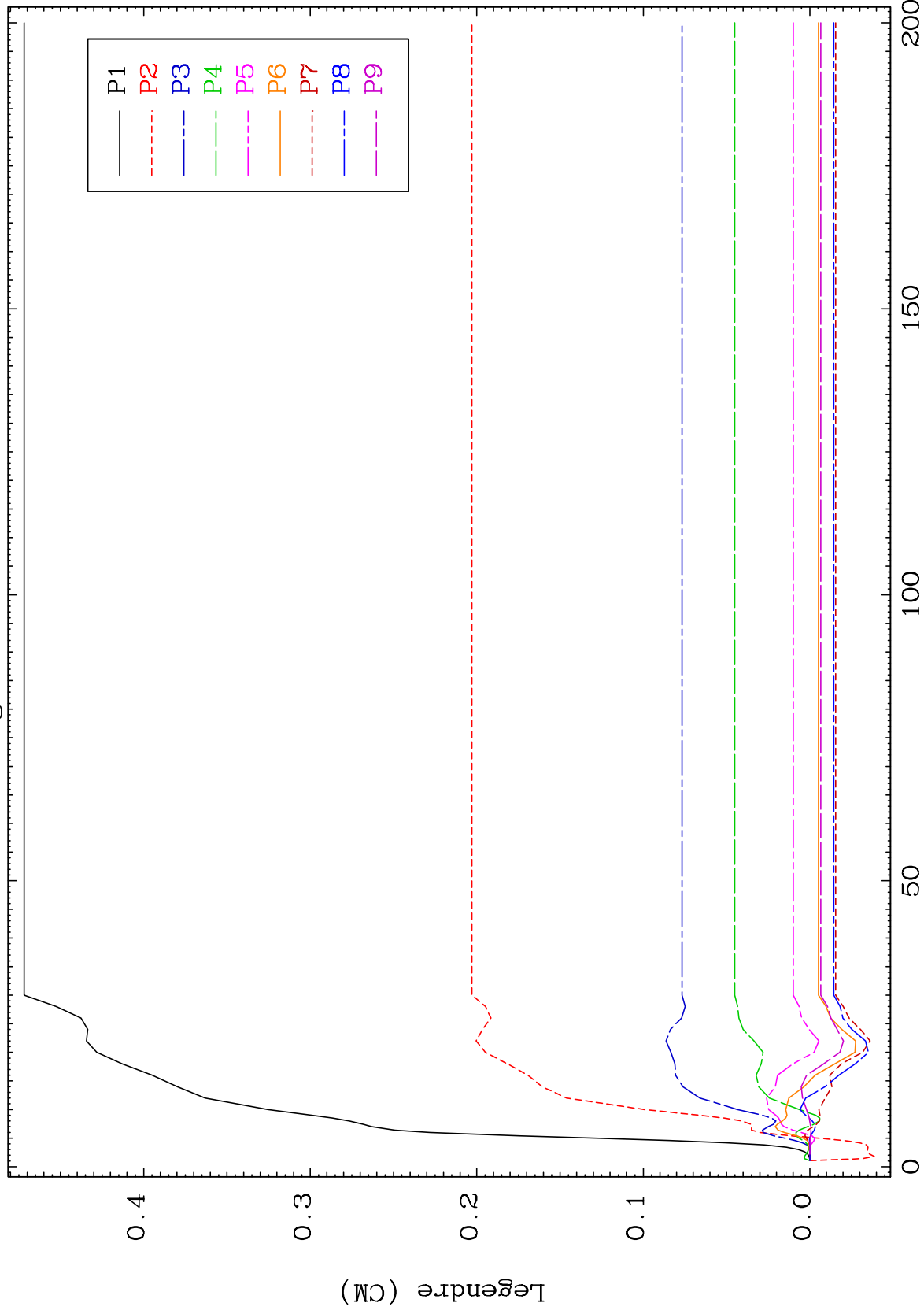
62-Sm-147



MAT 6234

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

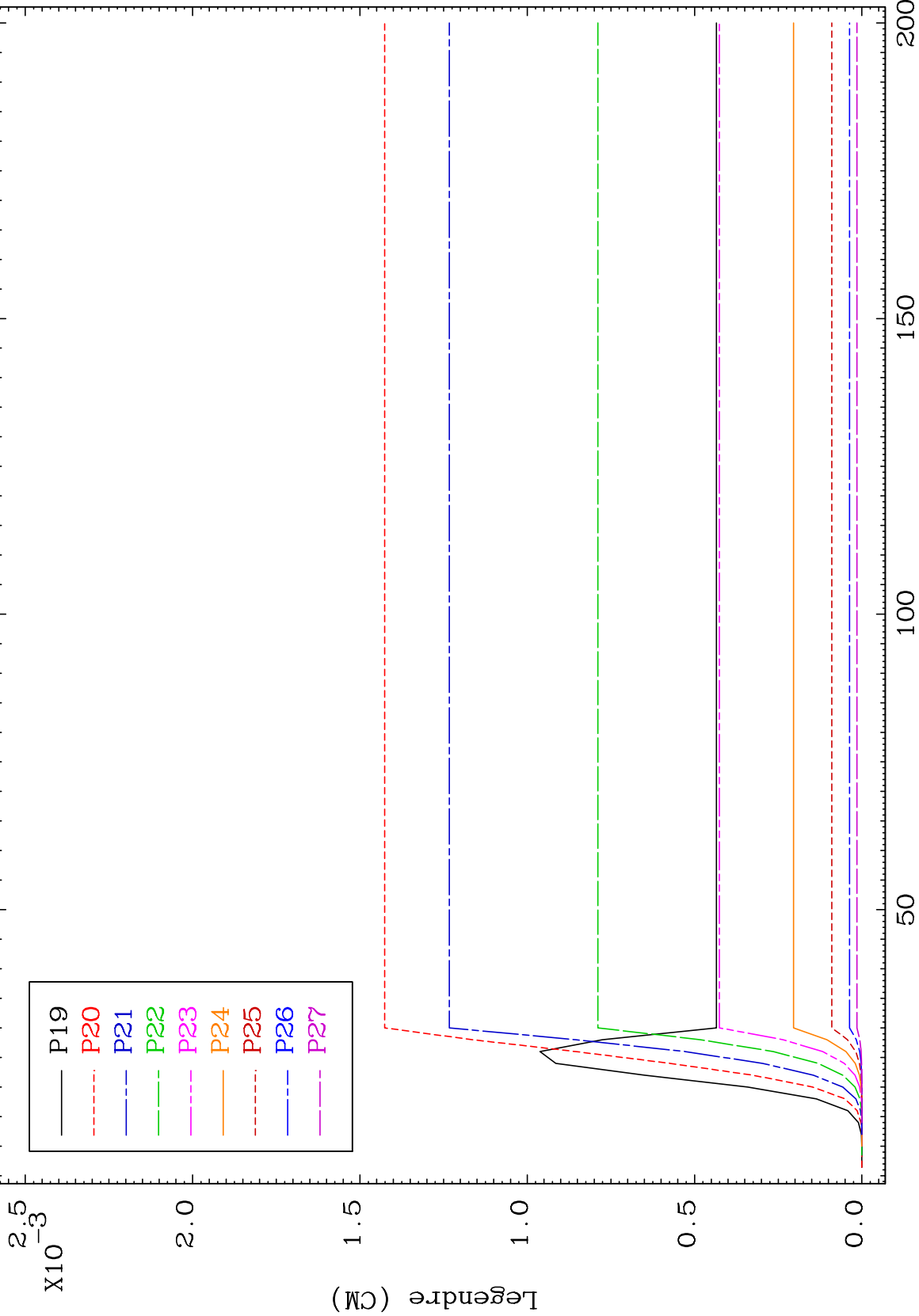
62-Sm-147



72

Incident Energy (MeV)

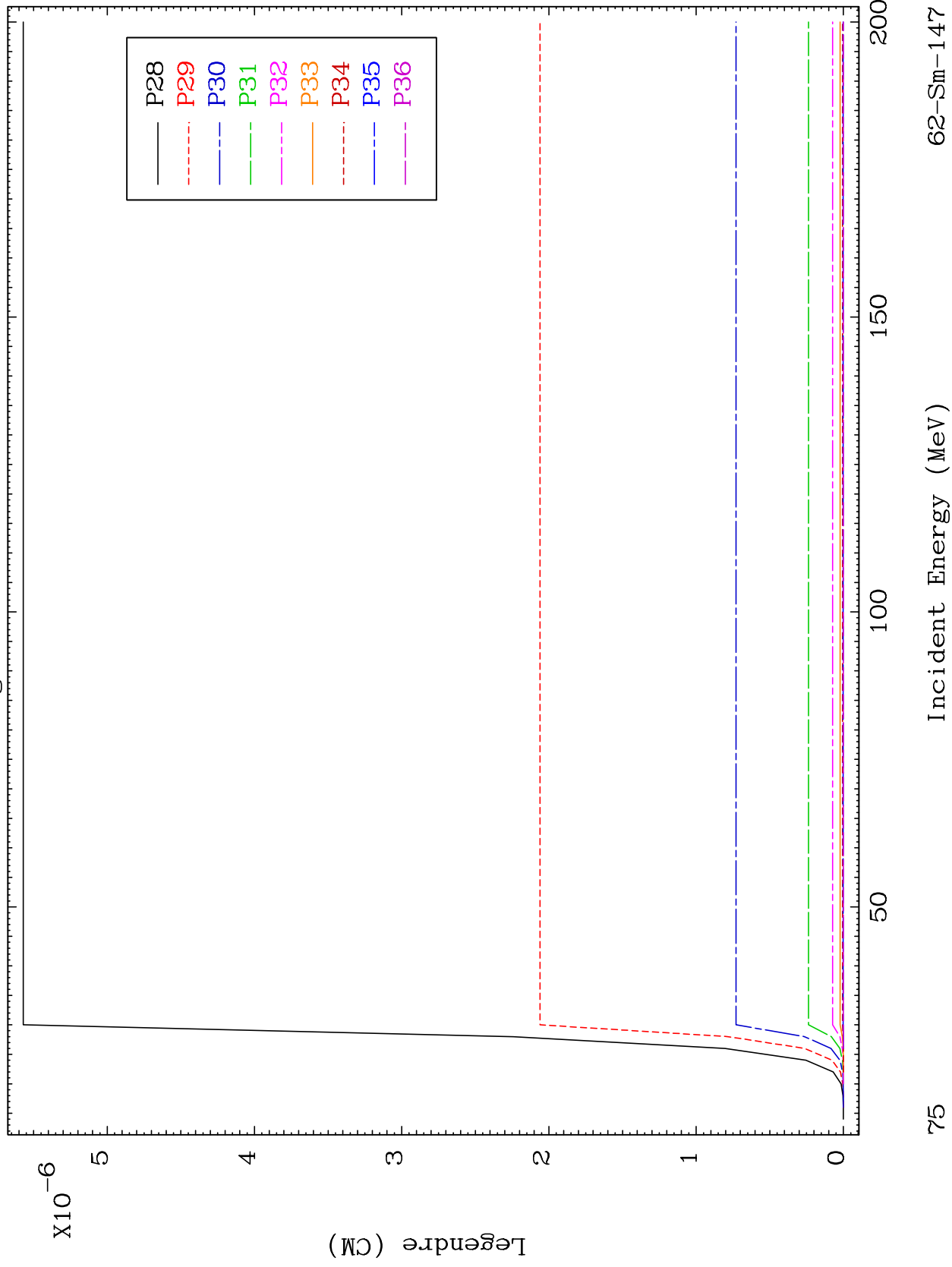
62-Sm-147



MAT 6234

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

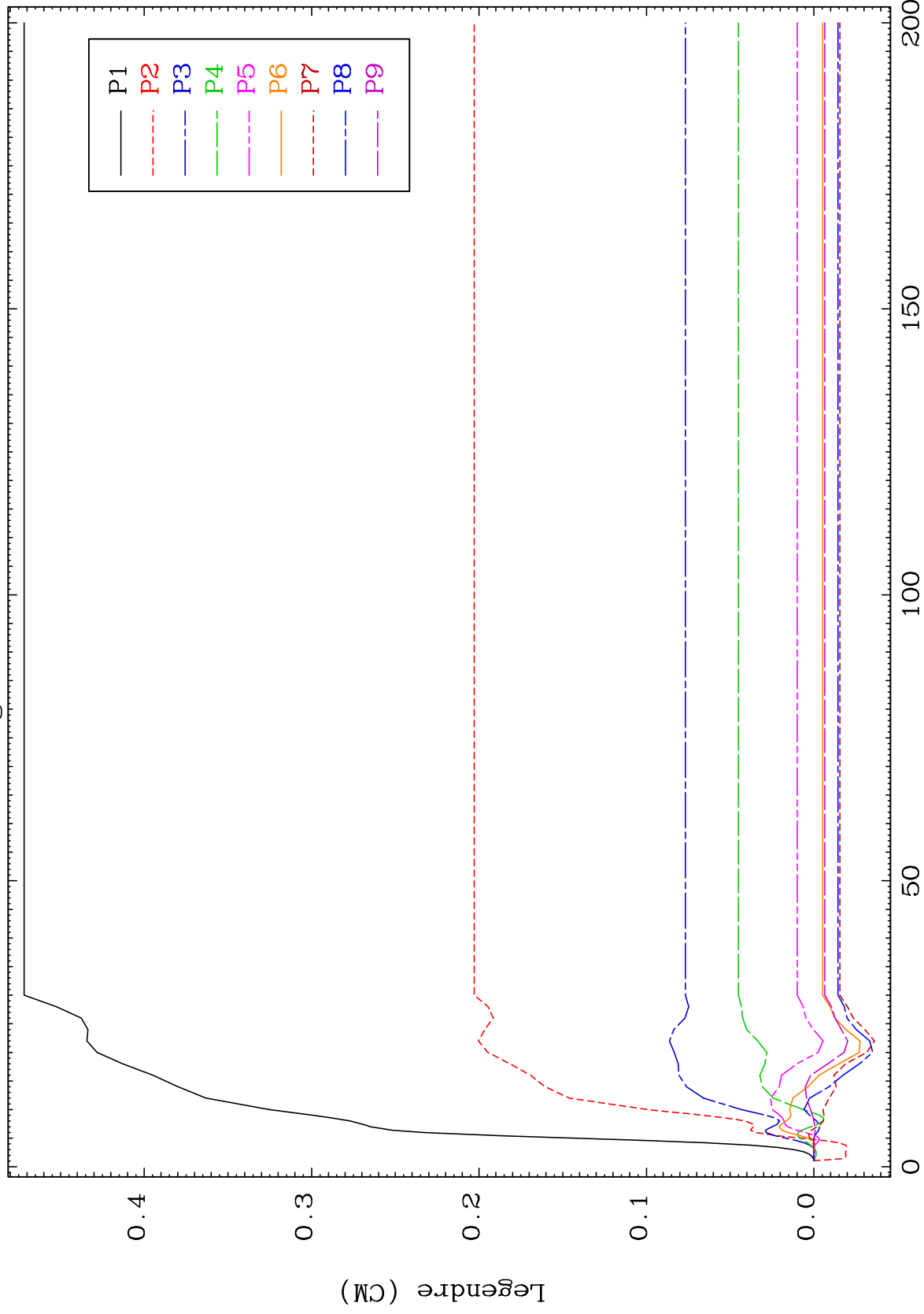
62-Sm-147



MAT 62334

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

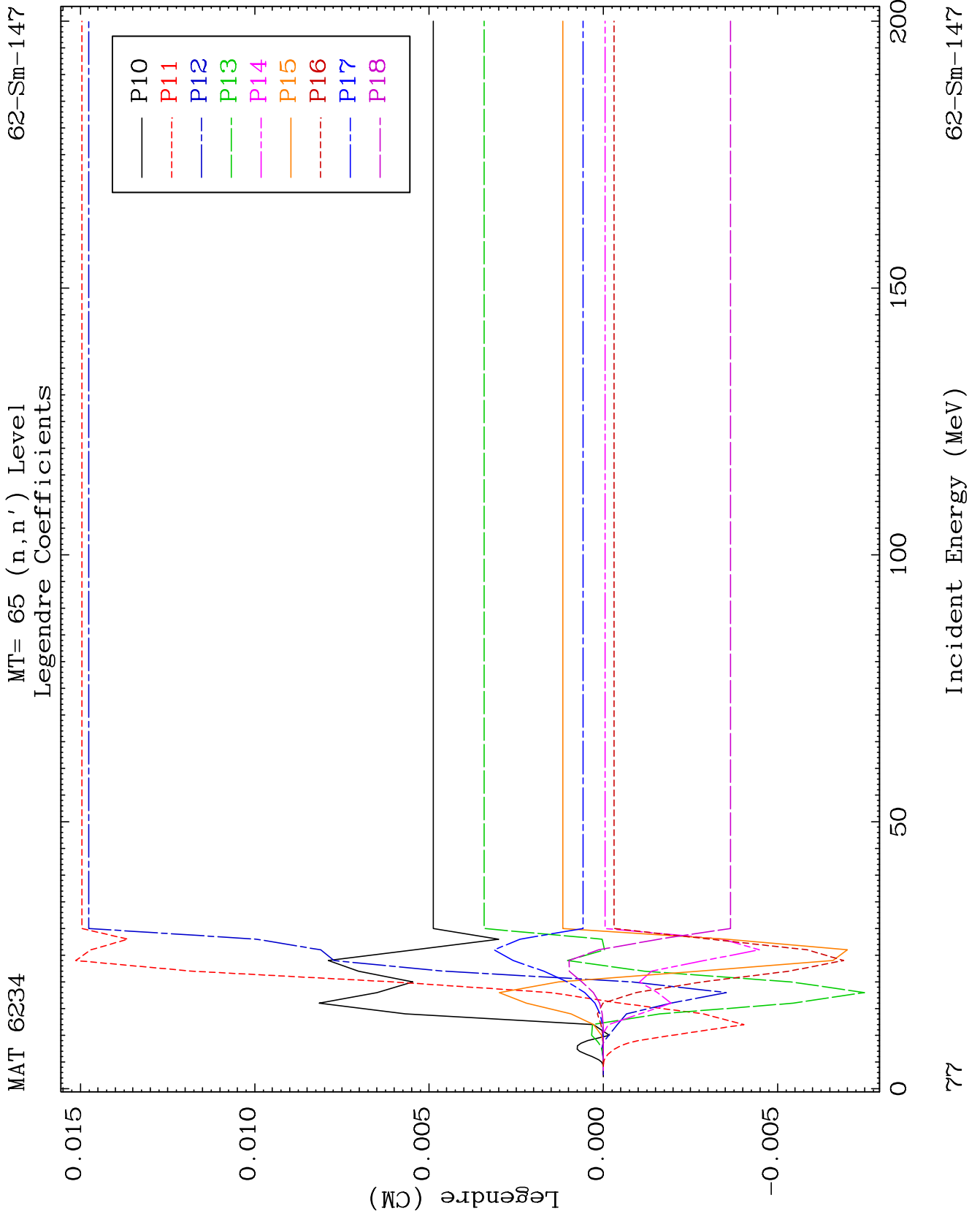
62-Sm-147



76

Incident Energy (MeV)

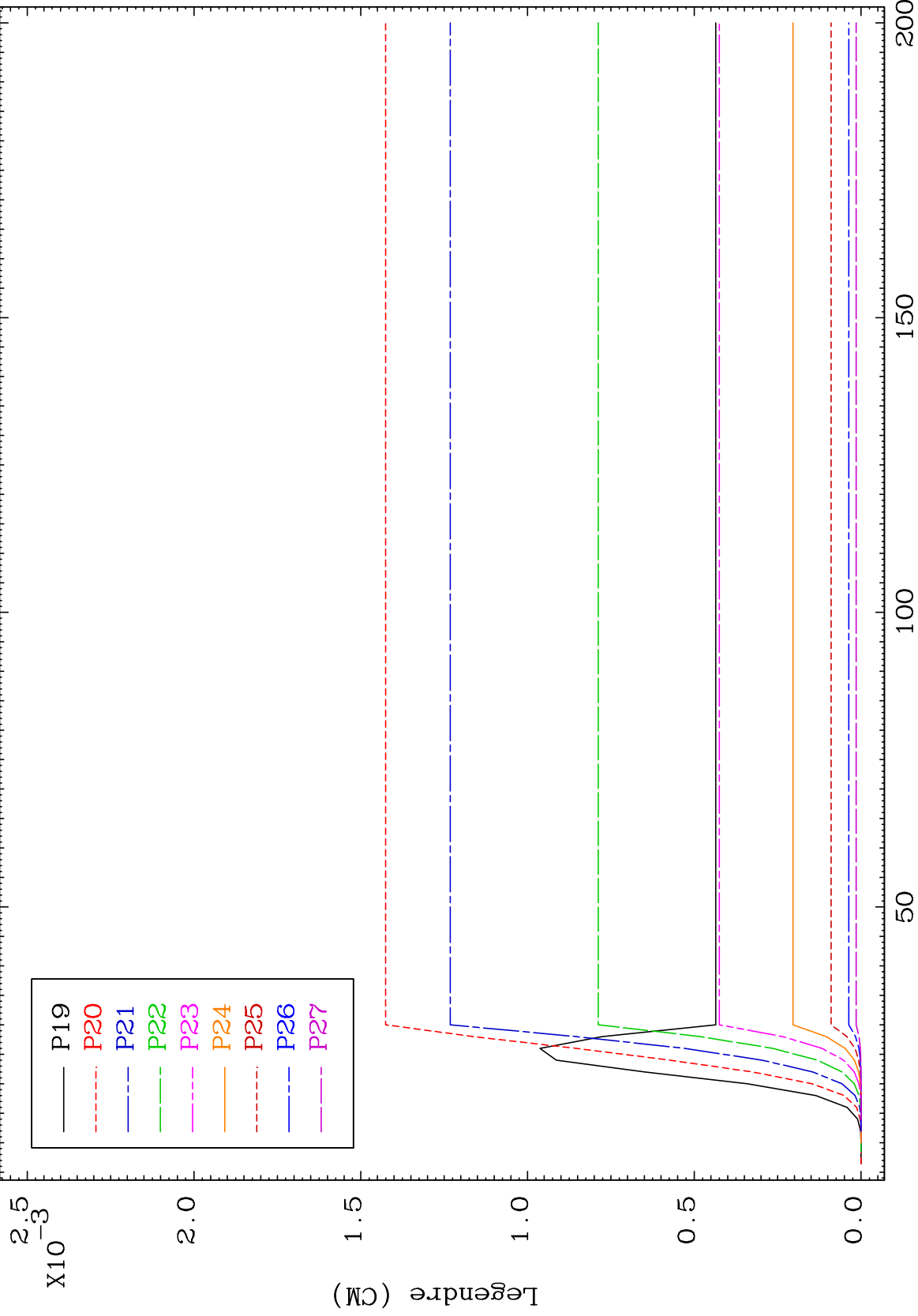
62-Sm-147



MAT 6234

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

62-Sm-147



78

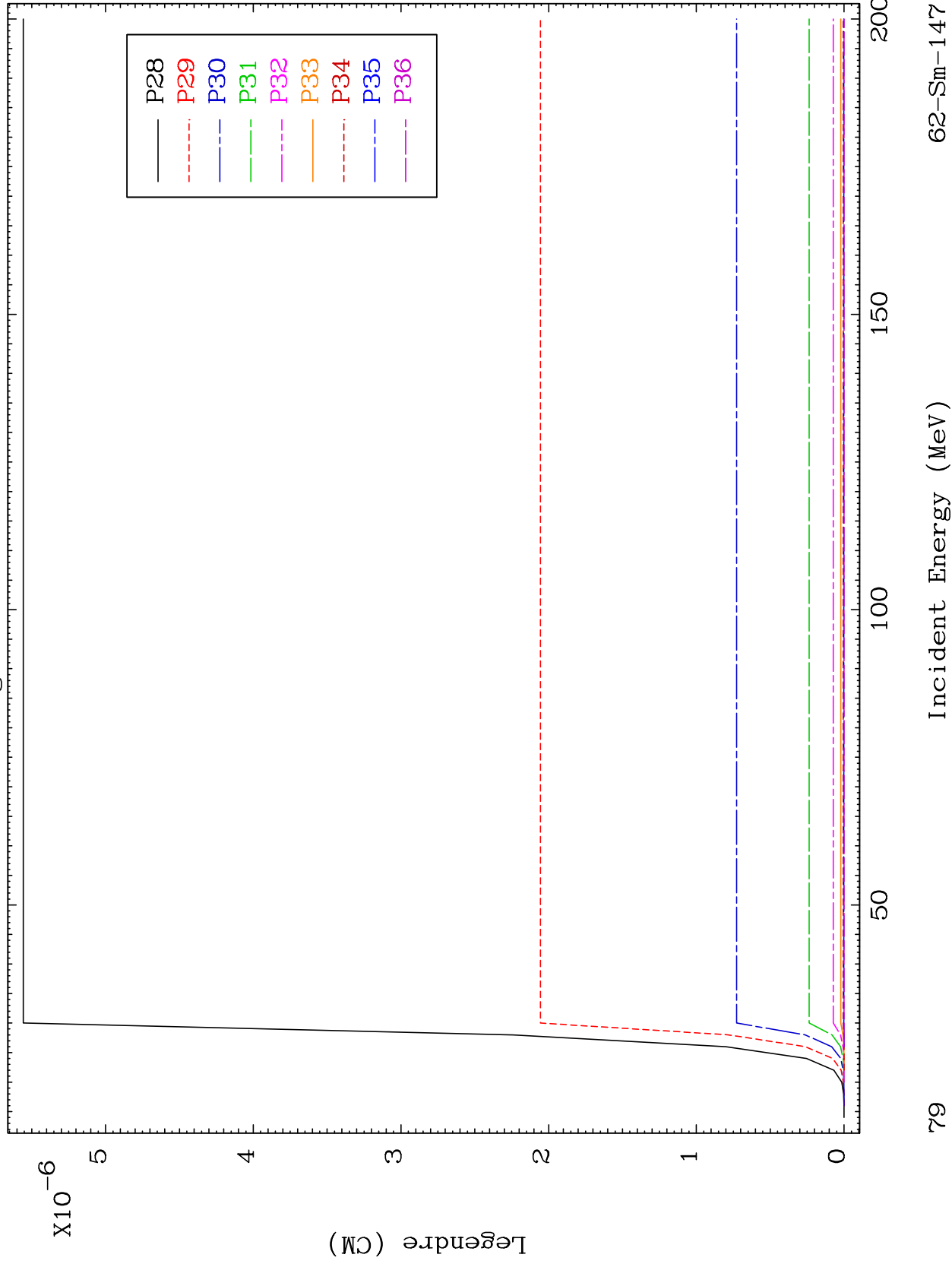
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



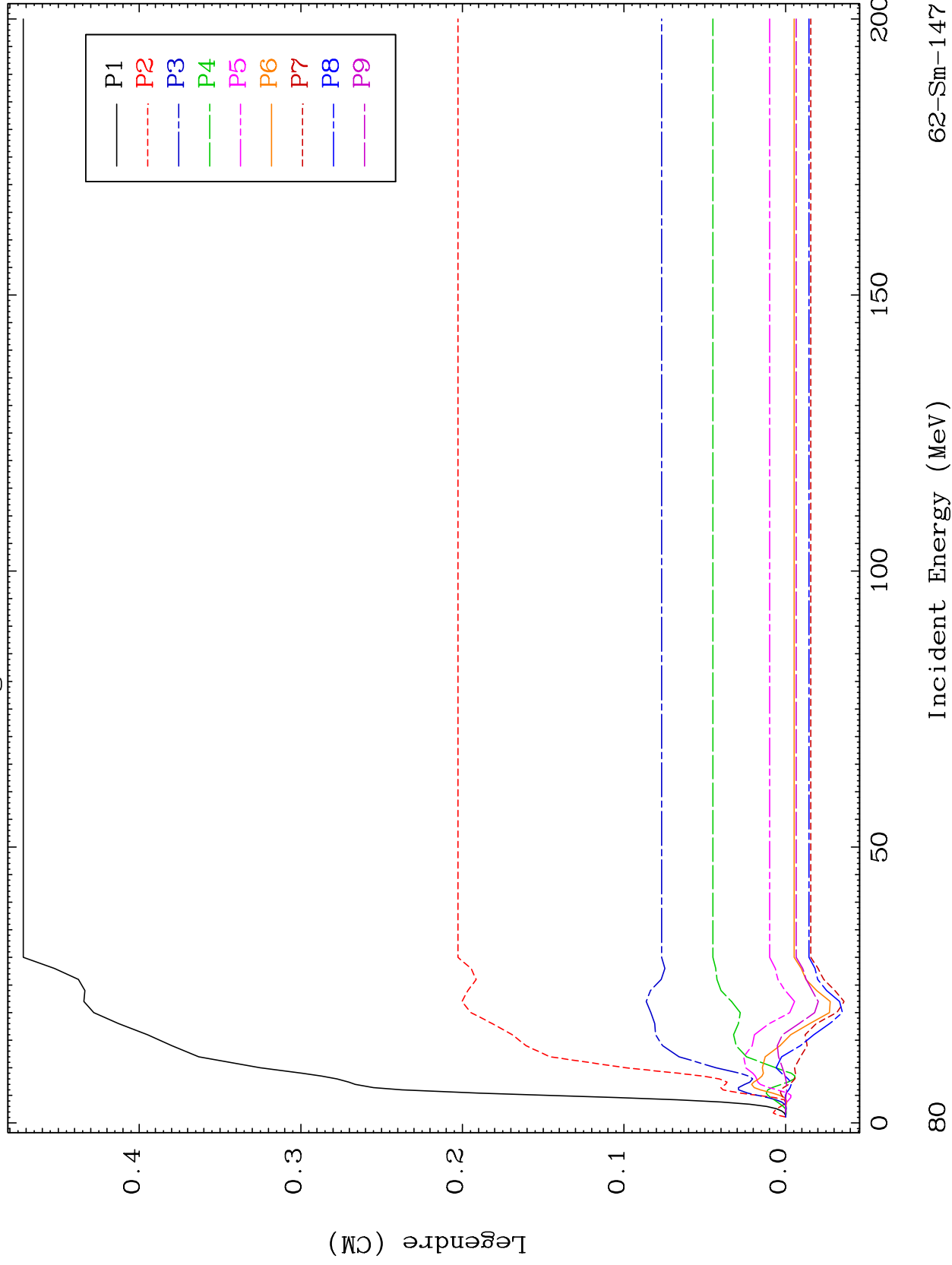
79

62-Sm-147

MAT 6234

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

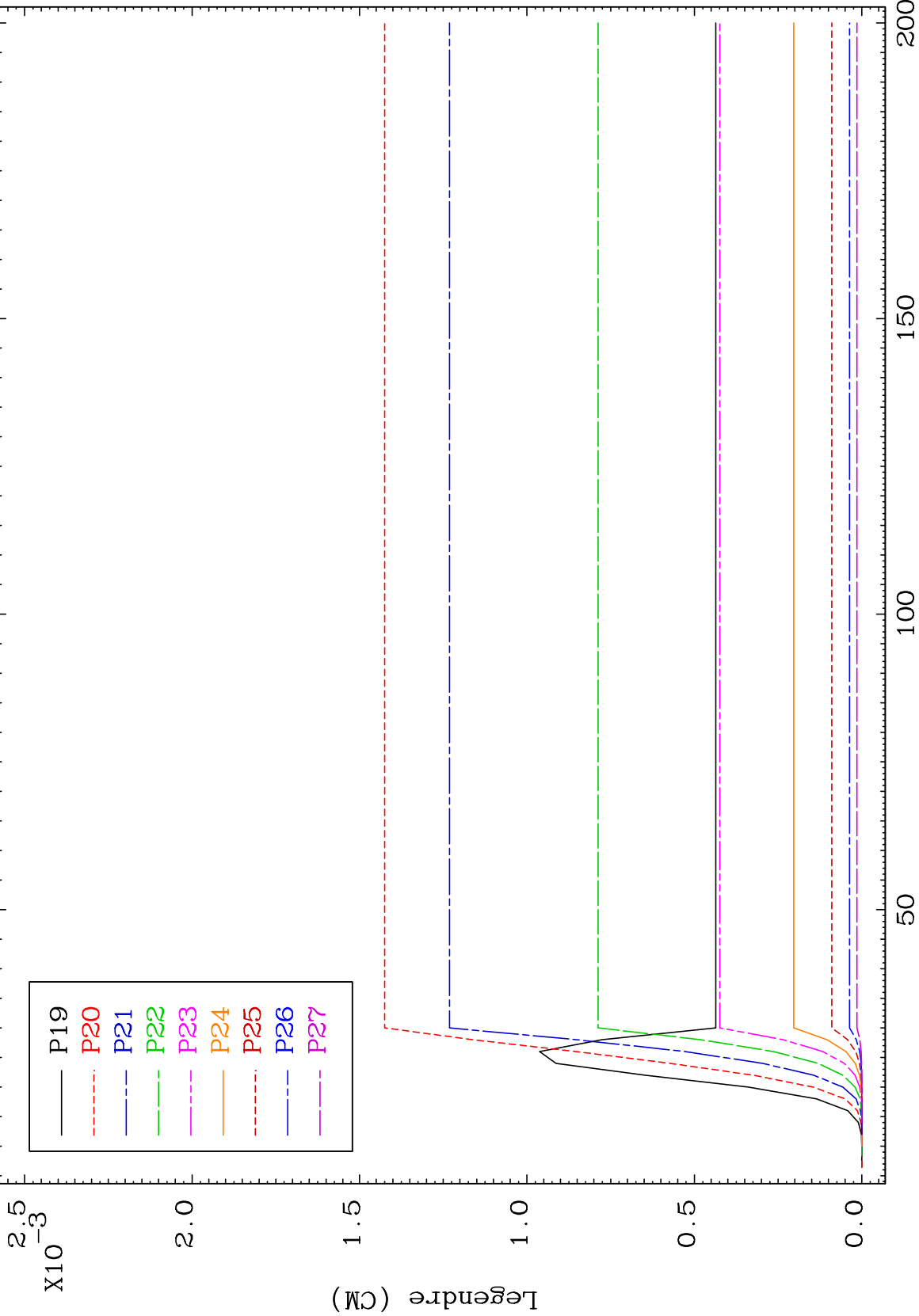
62-Sm-147



62-Sm-147

Incident Energy (MeV)

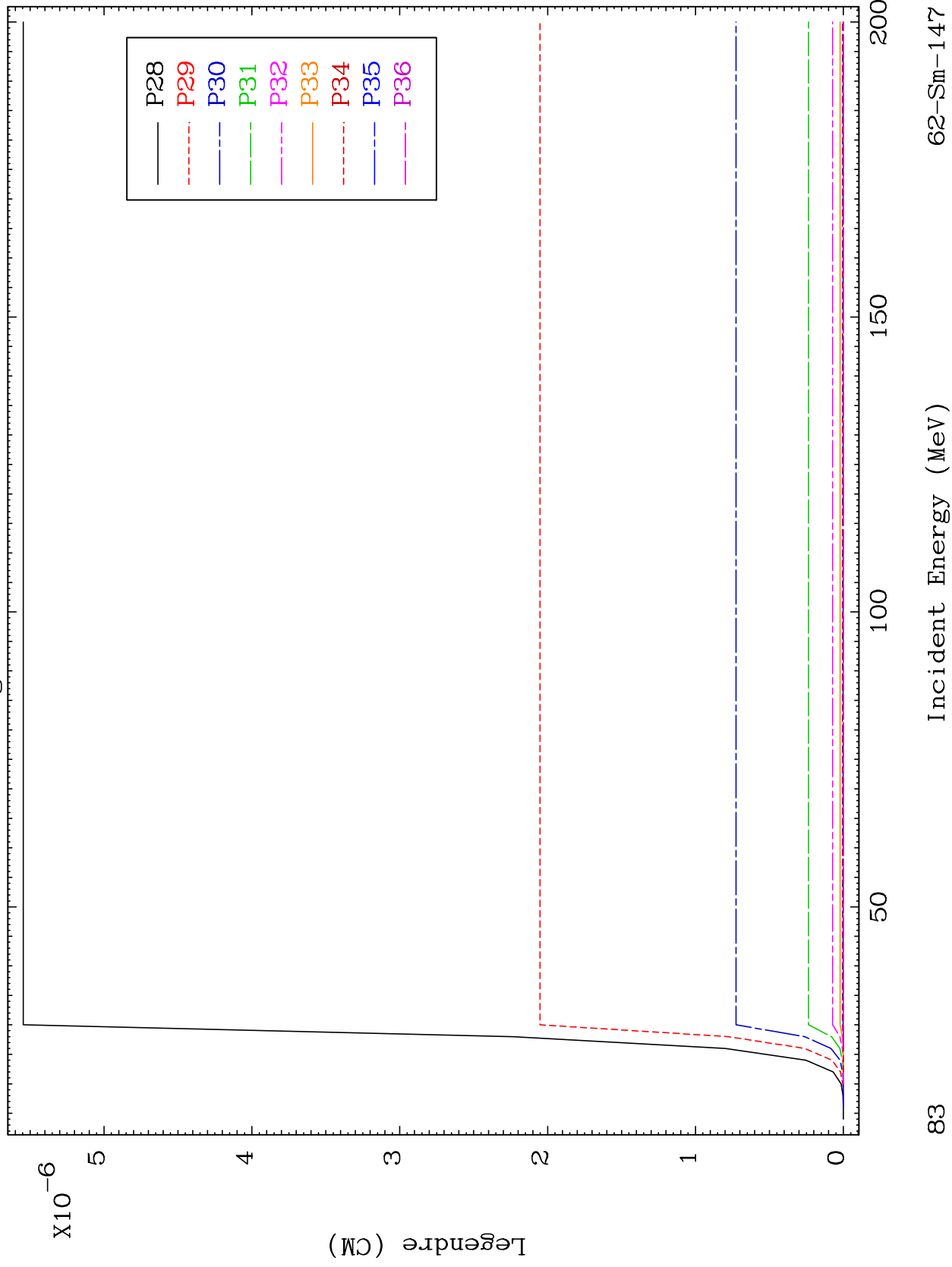
80



MAT 6234

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

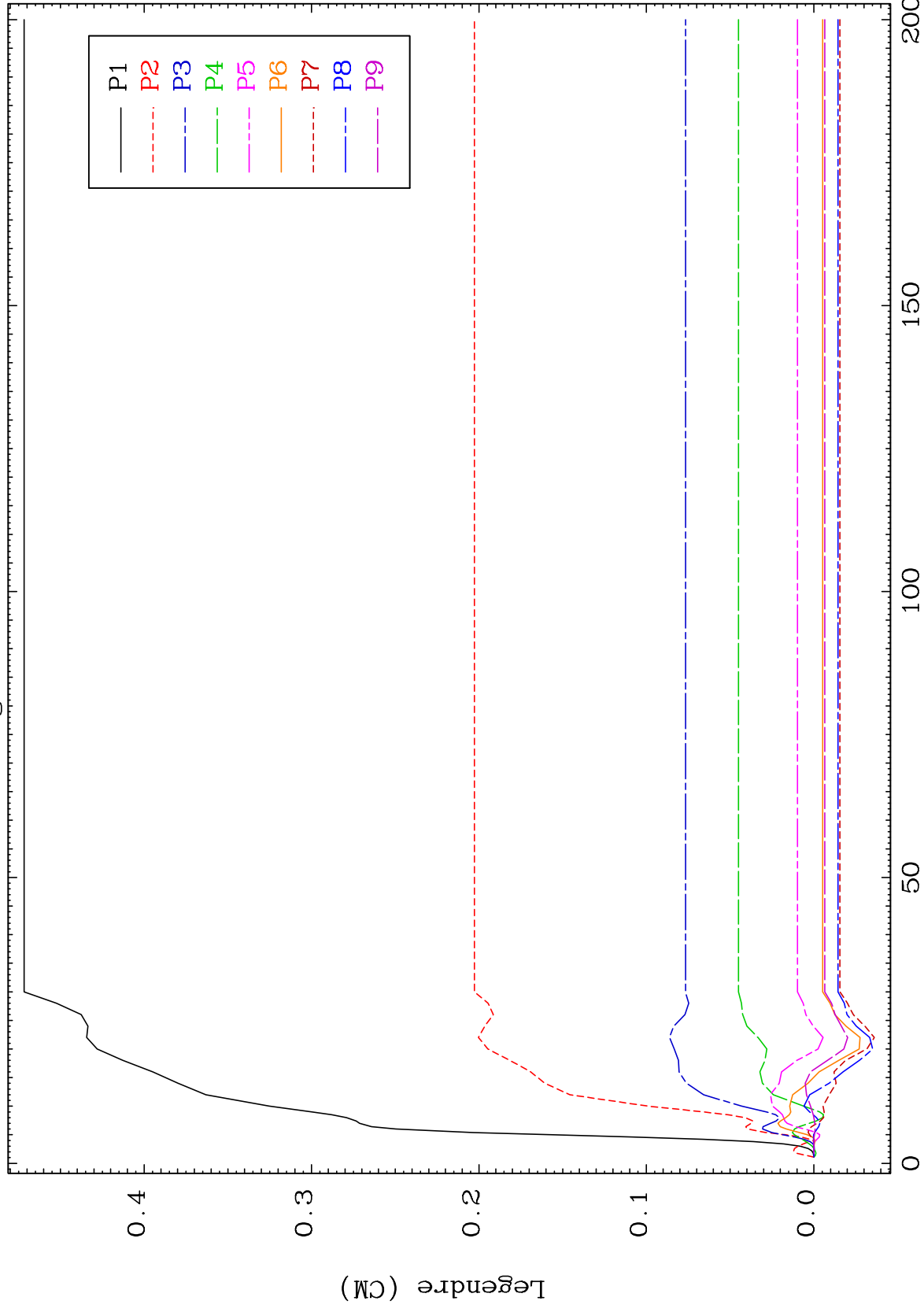
62-Sm-147



MAT 6234

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

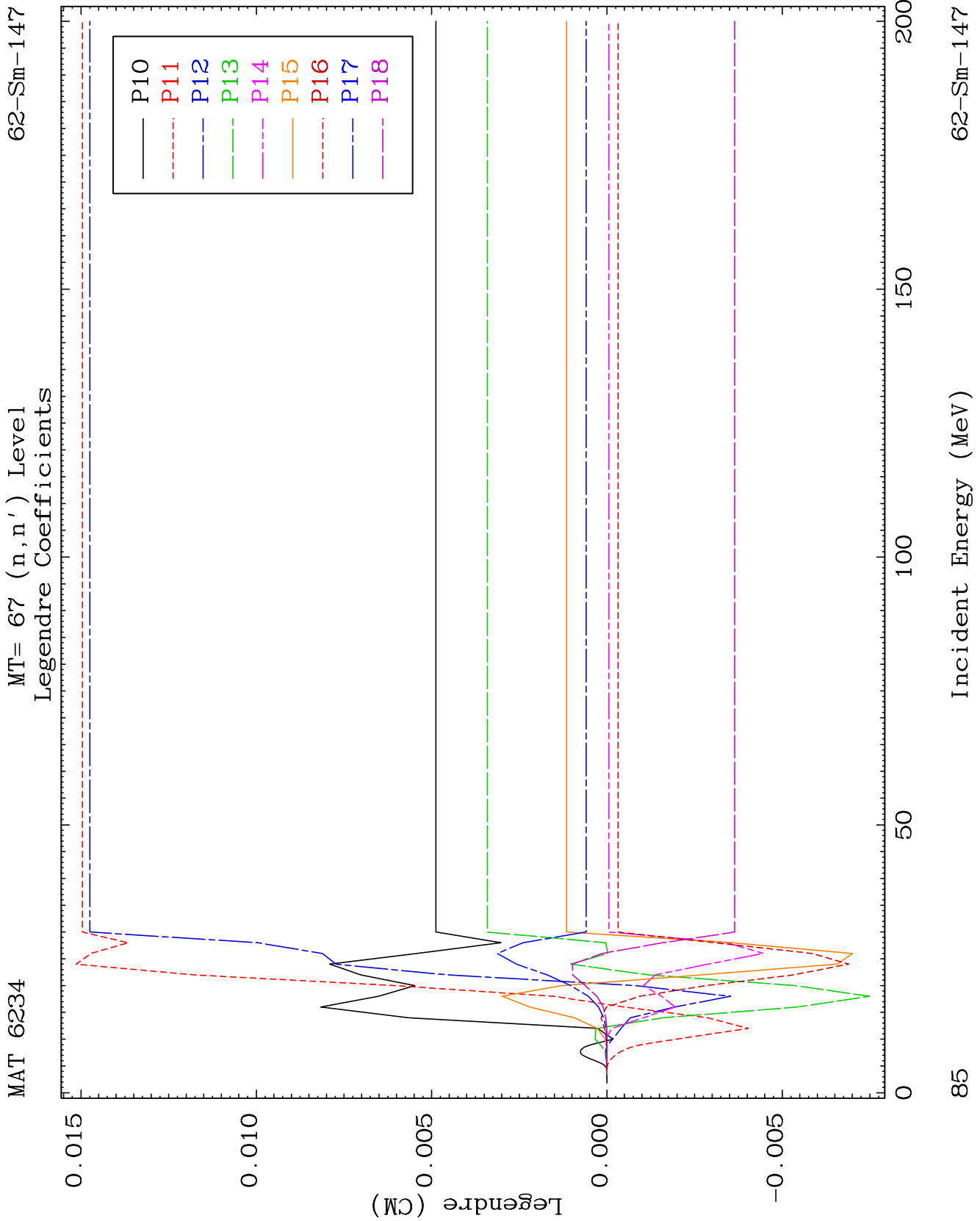
62-Sm-147

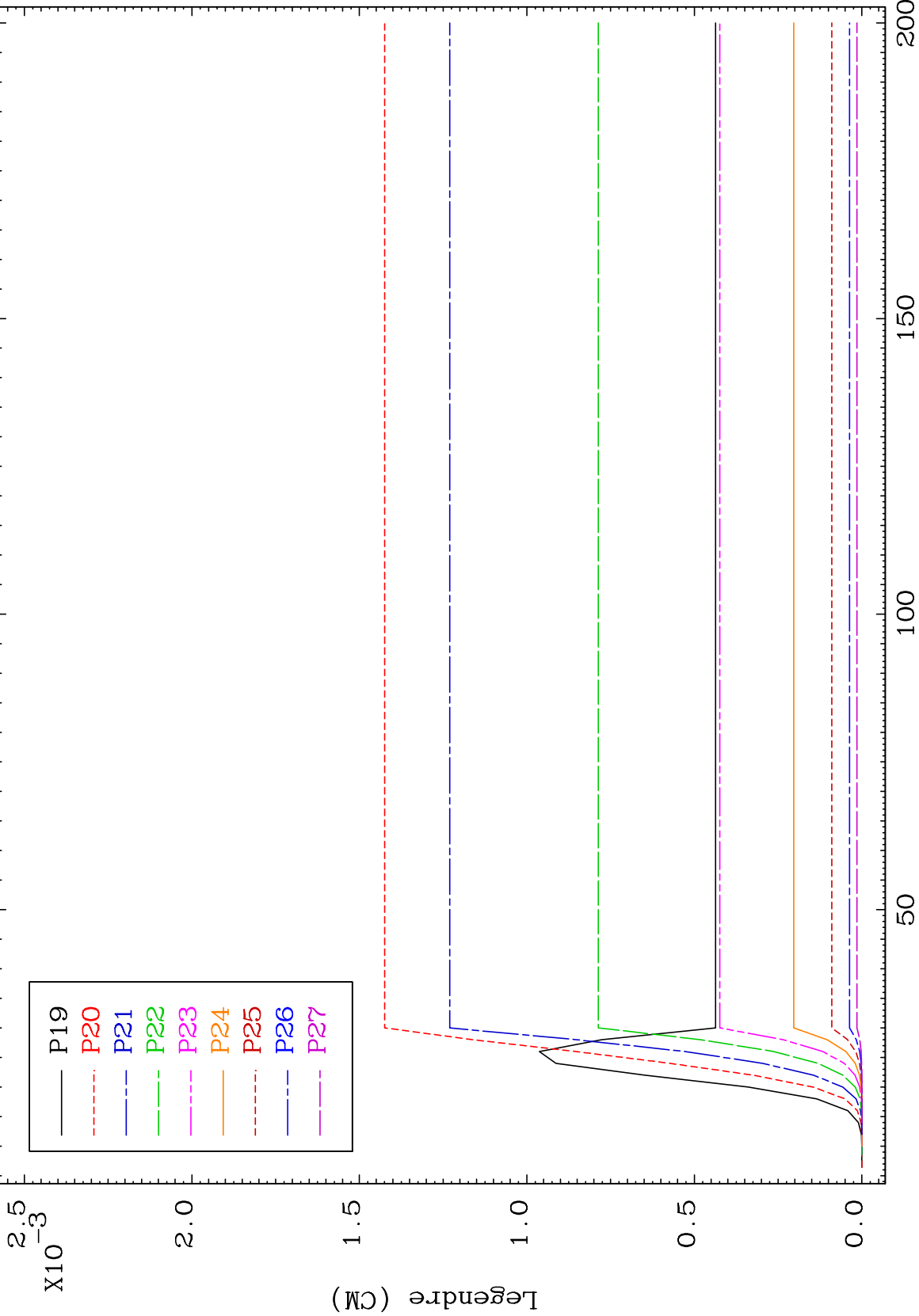


84

Incident Energy (MeV)

62-Sm-147

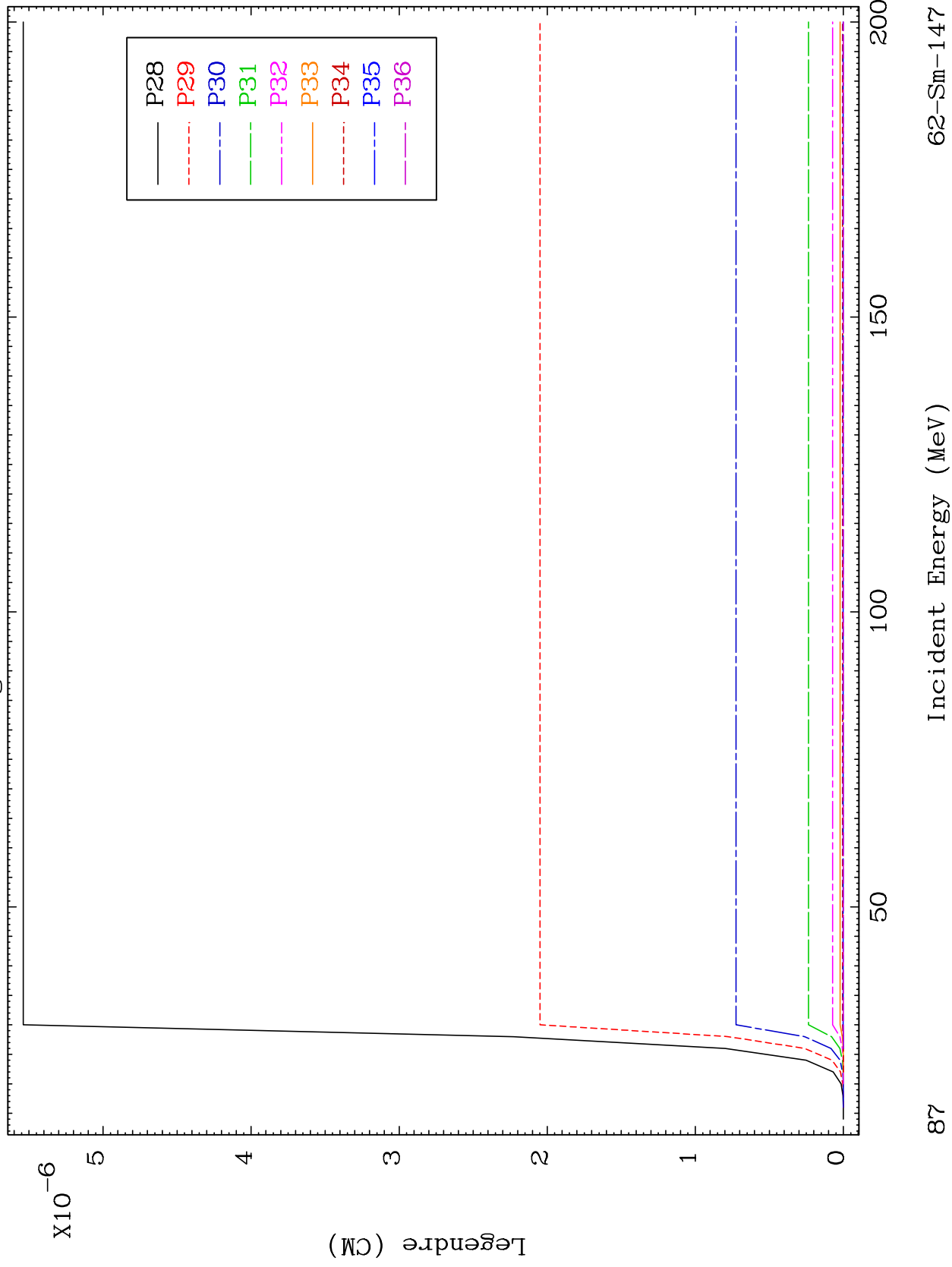




MAT 6234

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

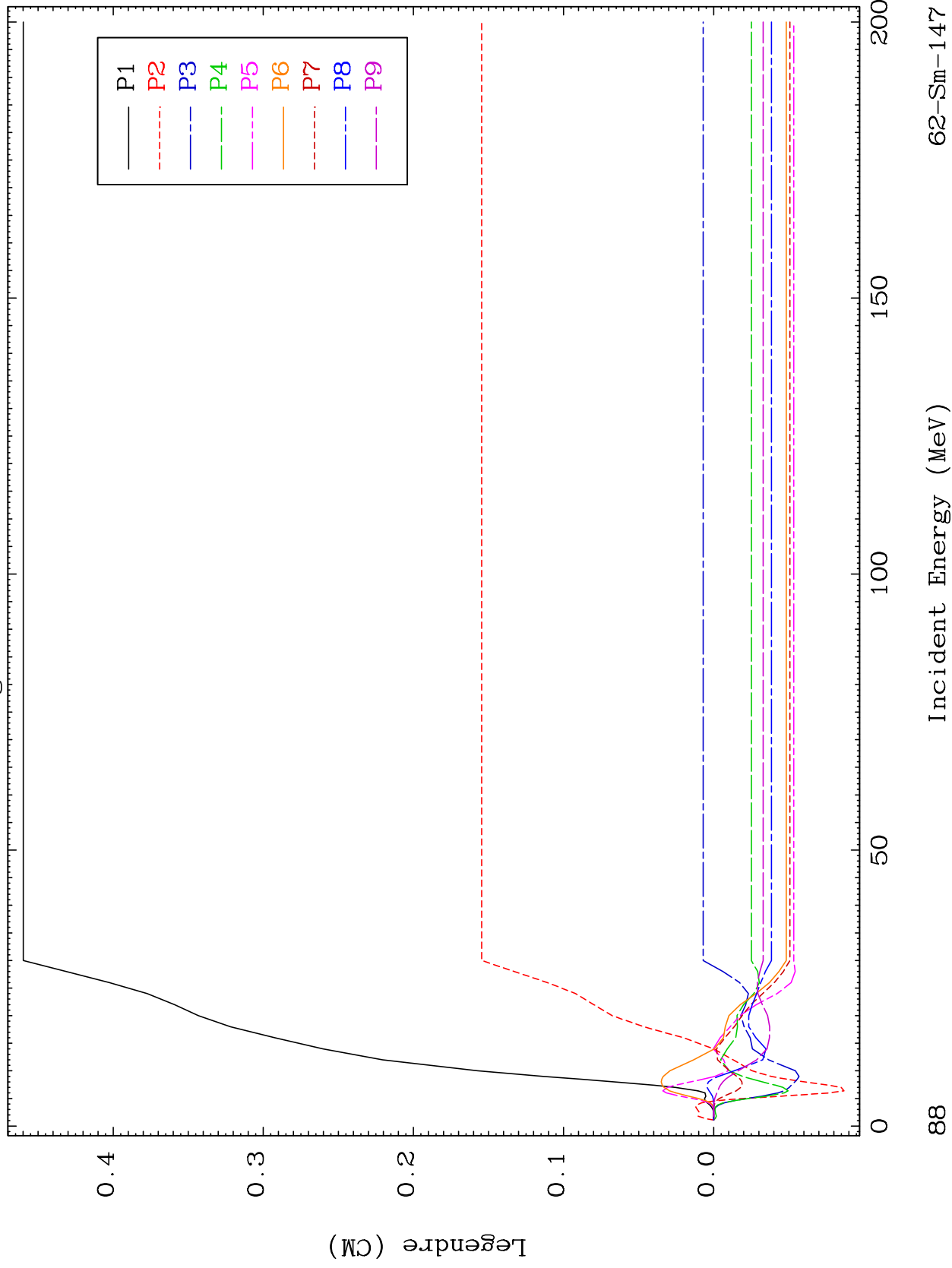
62-Sm-147



MAT 6234

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

62-Sm-147



62-Sm-147

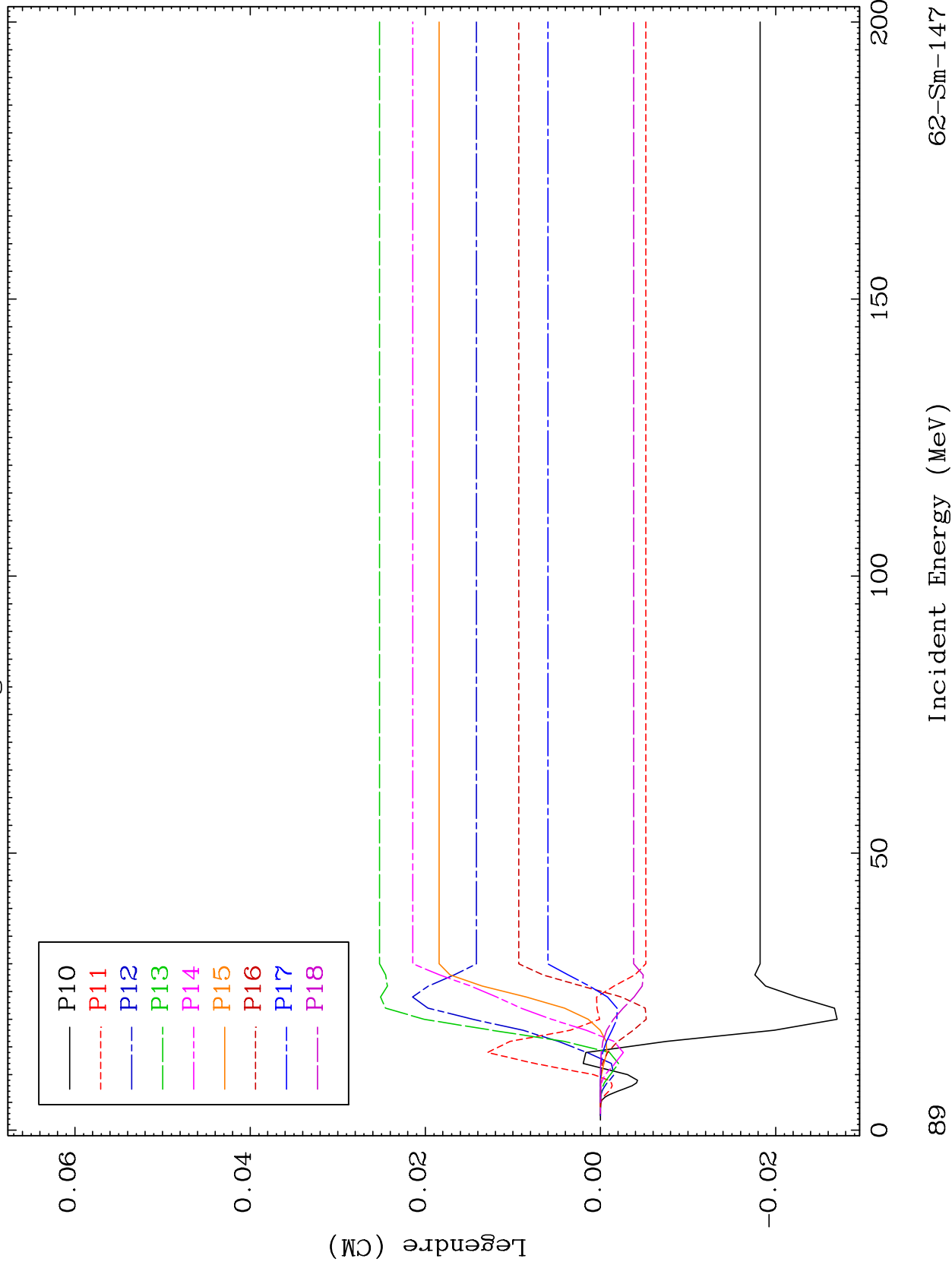
Incident Energy (MeV)

88

MAT 6234

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

62-Sm-147



89

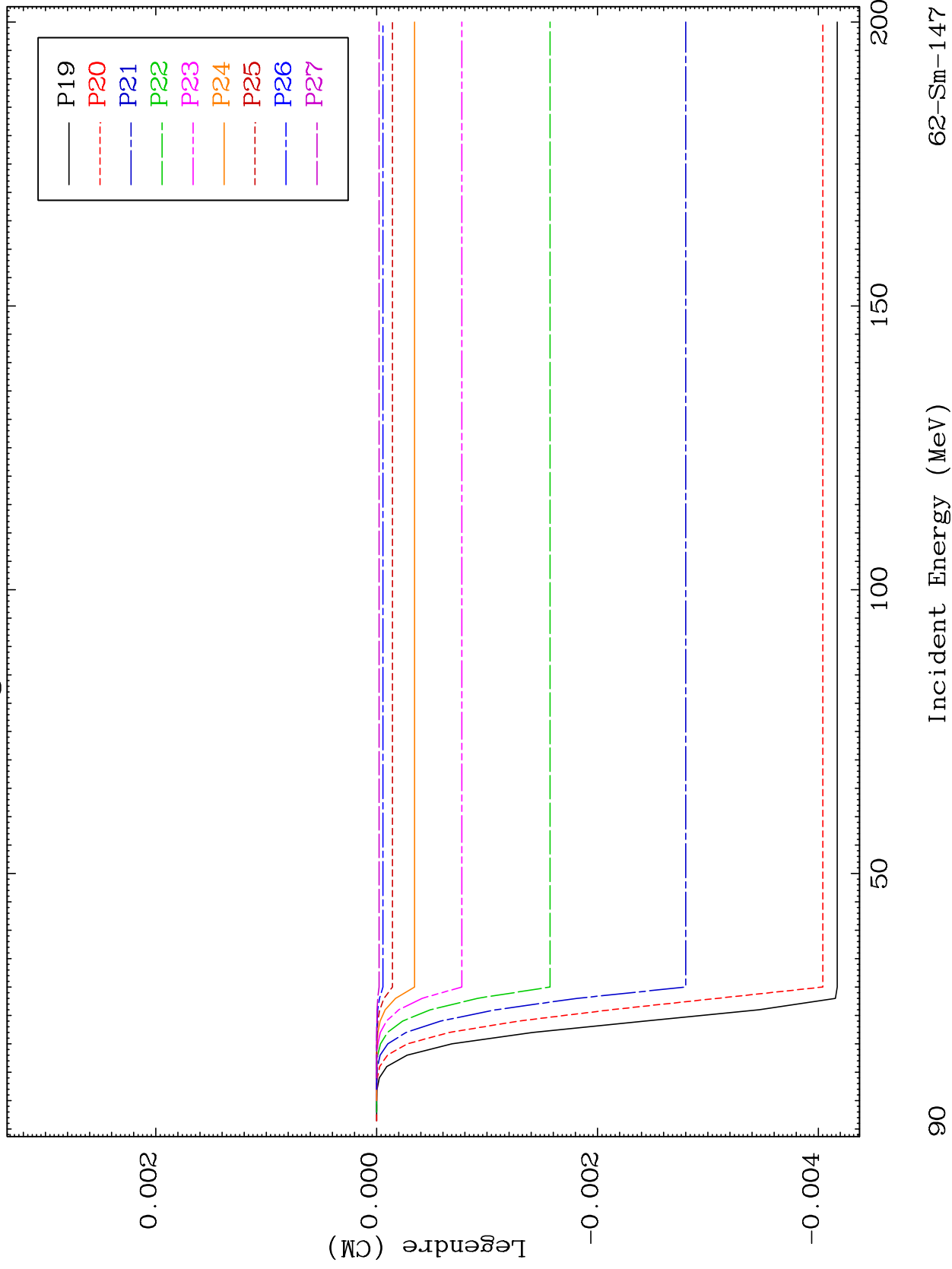
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



90

Incident Energy (MeV)

50

100

150

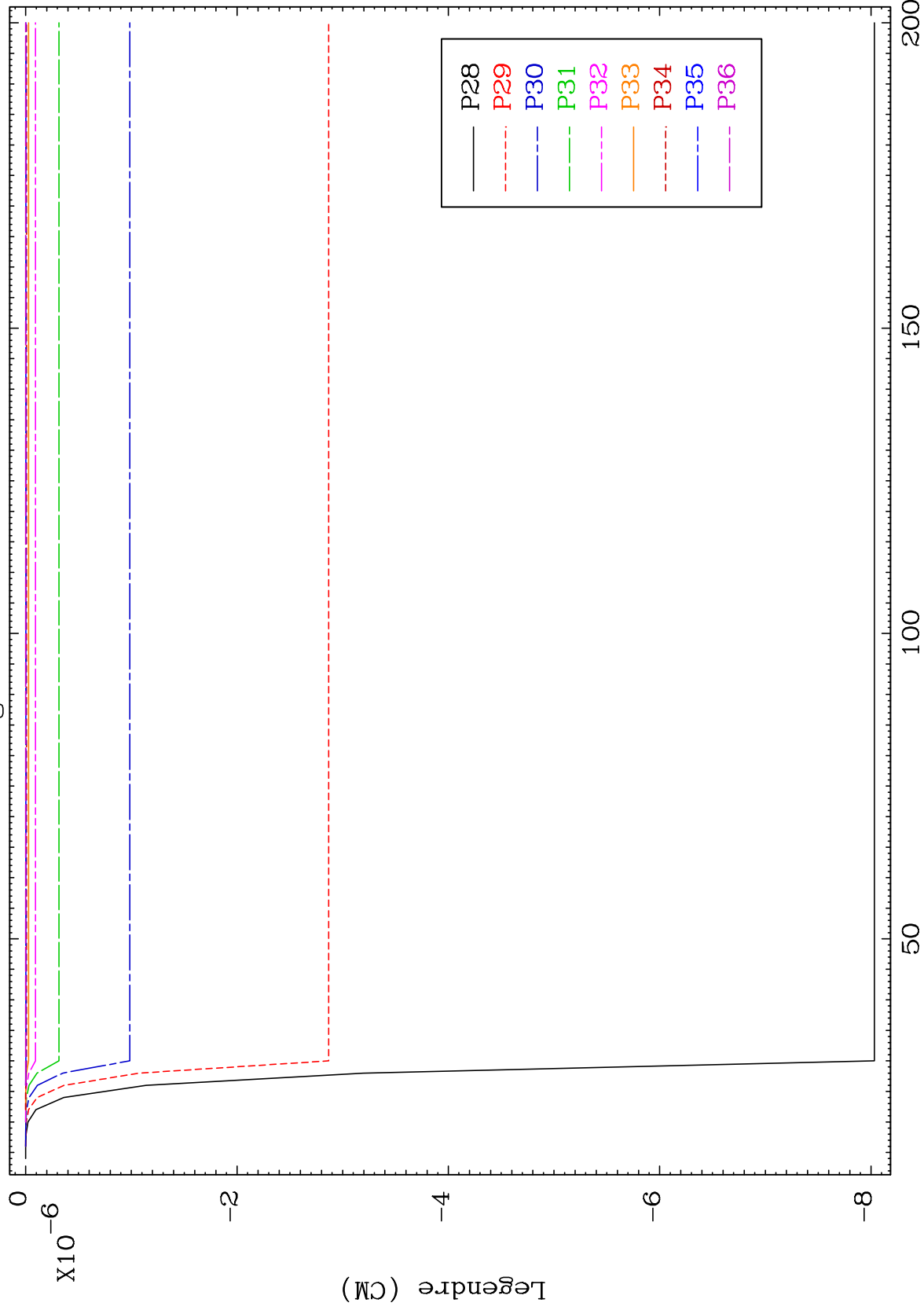
200

62-Sm-147

MAT 6234

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

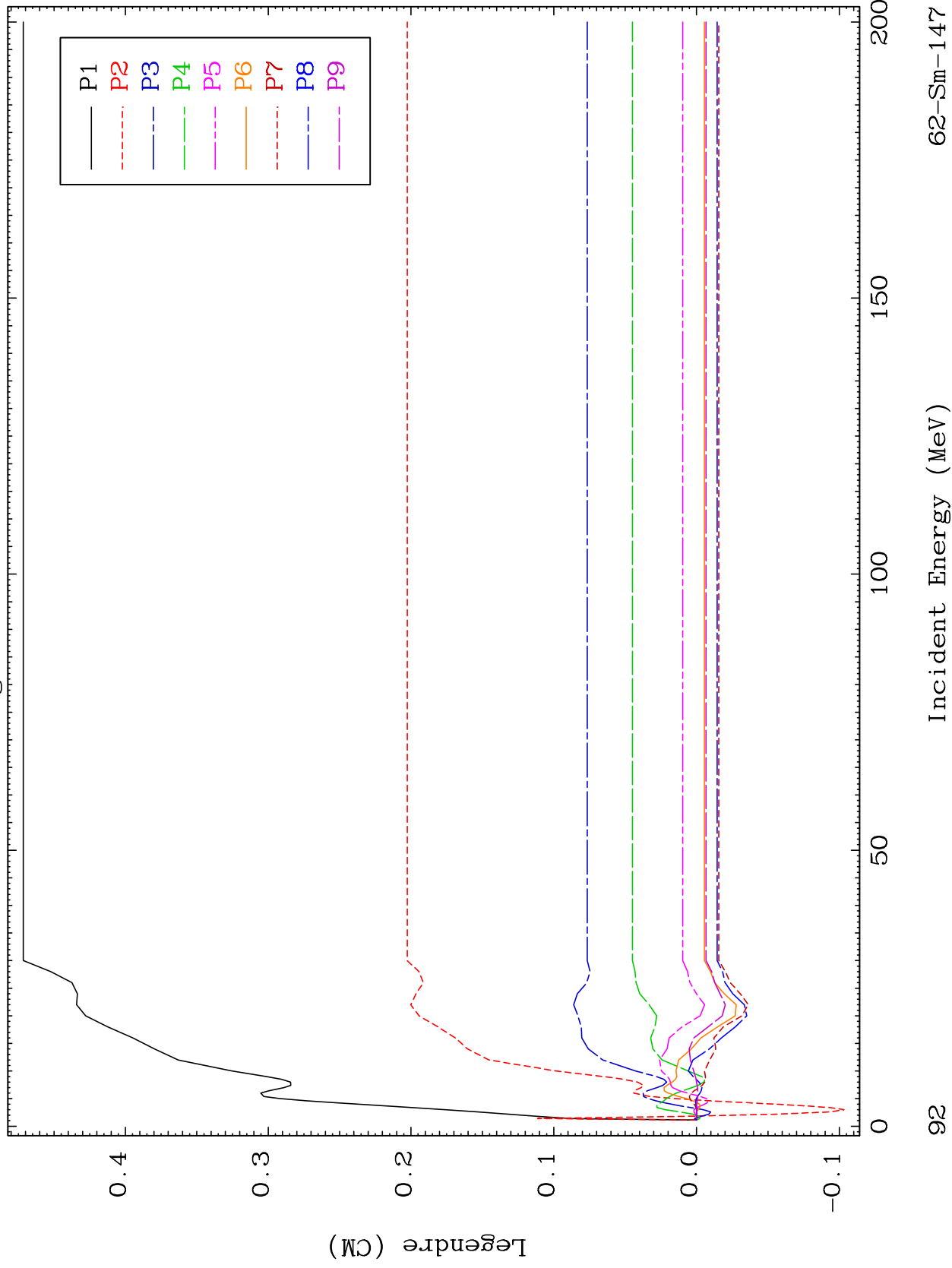
62-Sm-147



MAT 6234

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

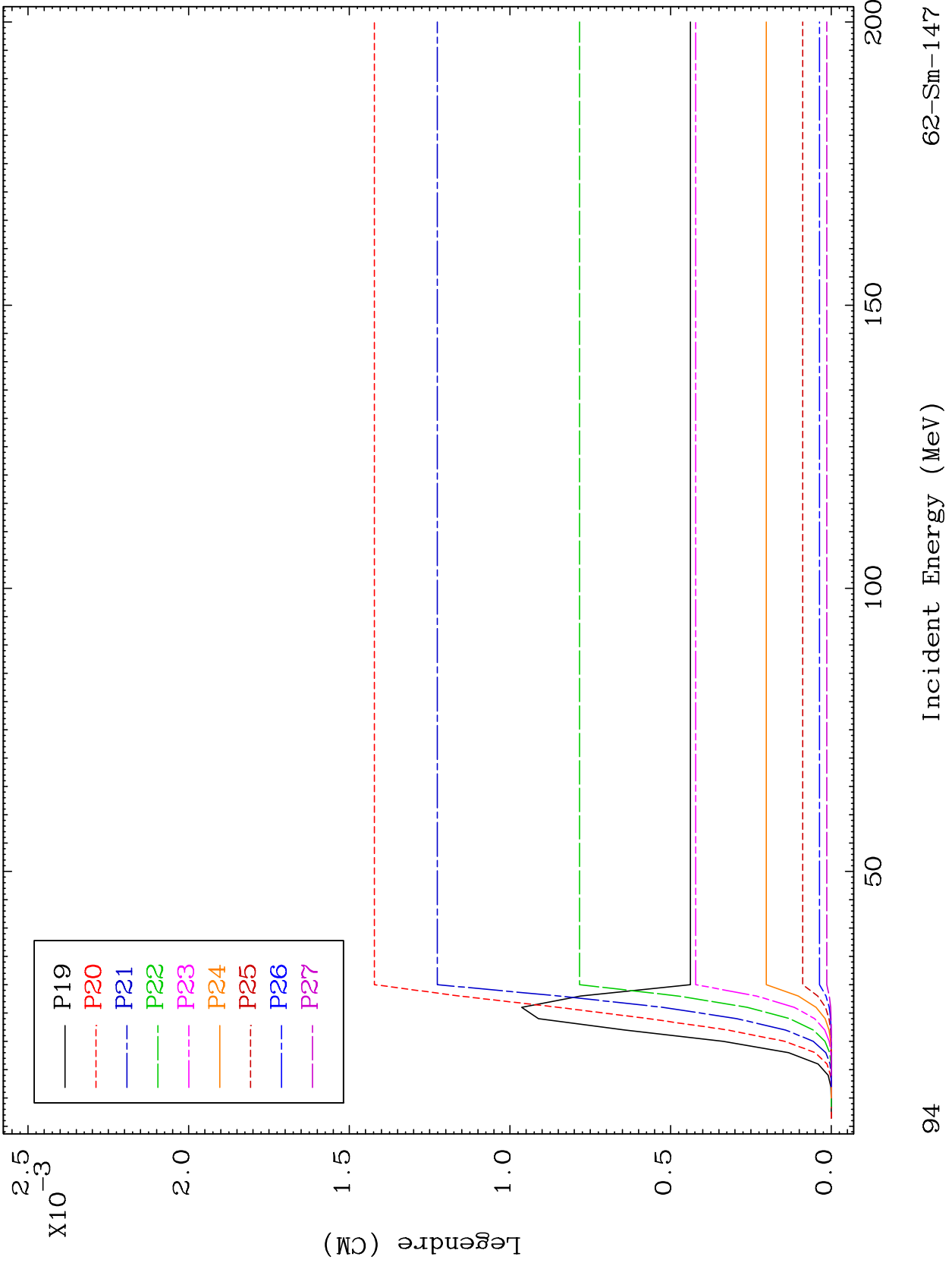
62-Sm-147



62-Sm-147

Incident Energy (MeV)

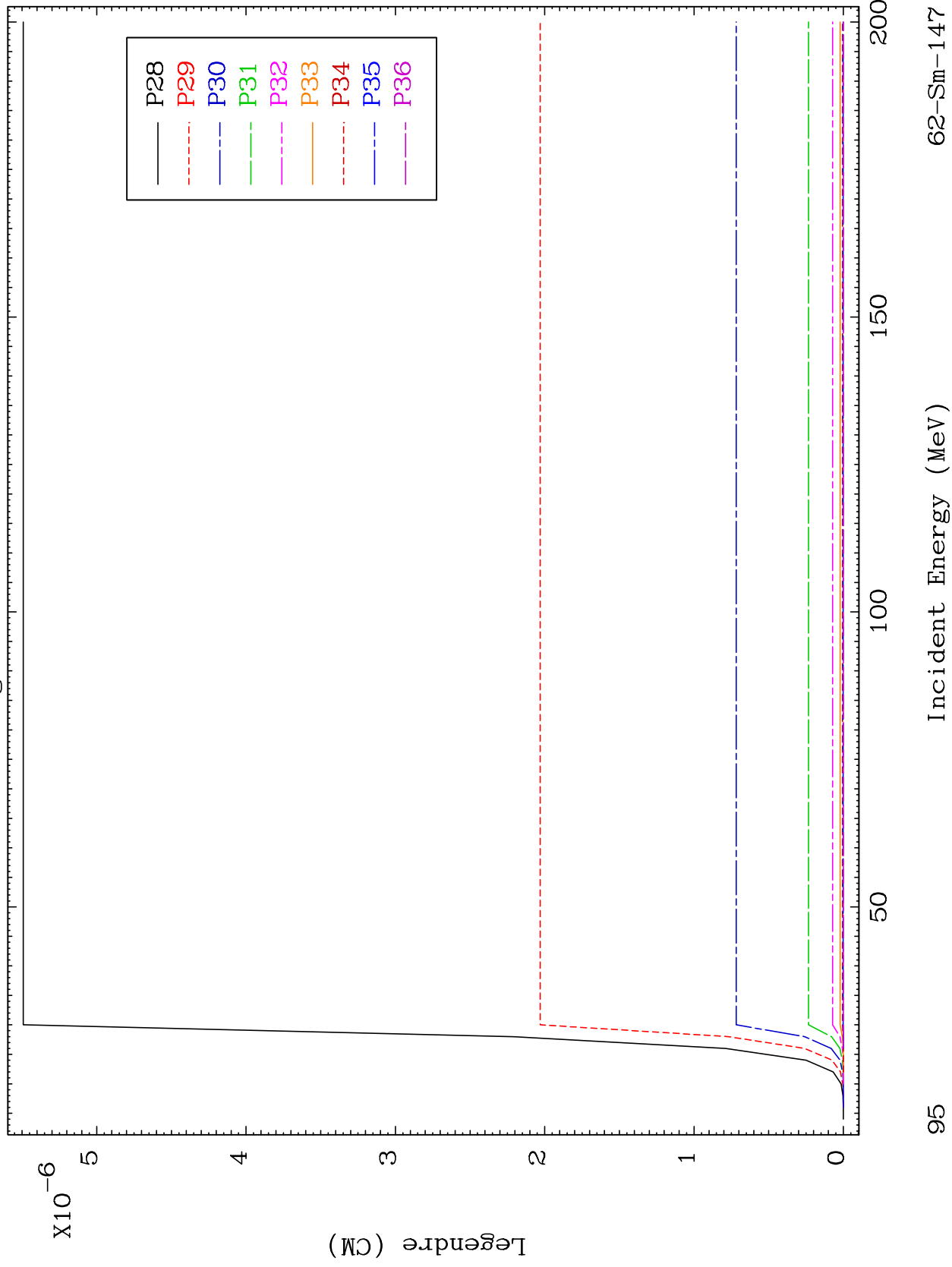
92



MAT 6234

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

62-Sm-147

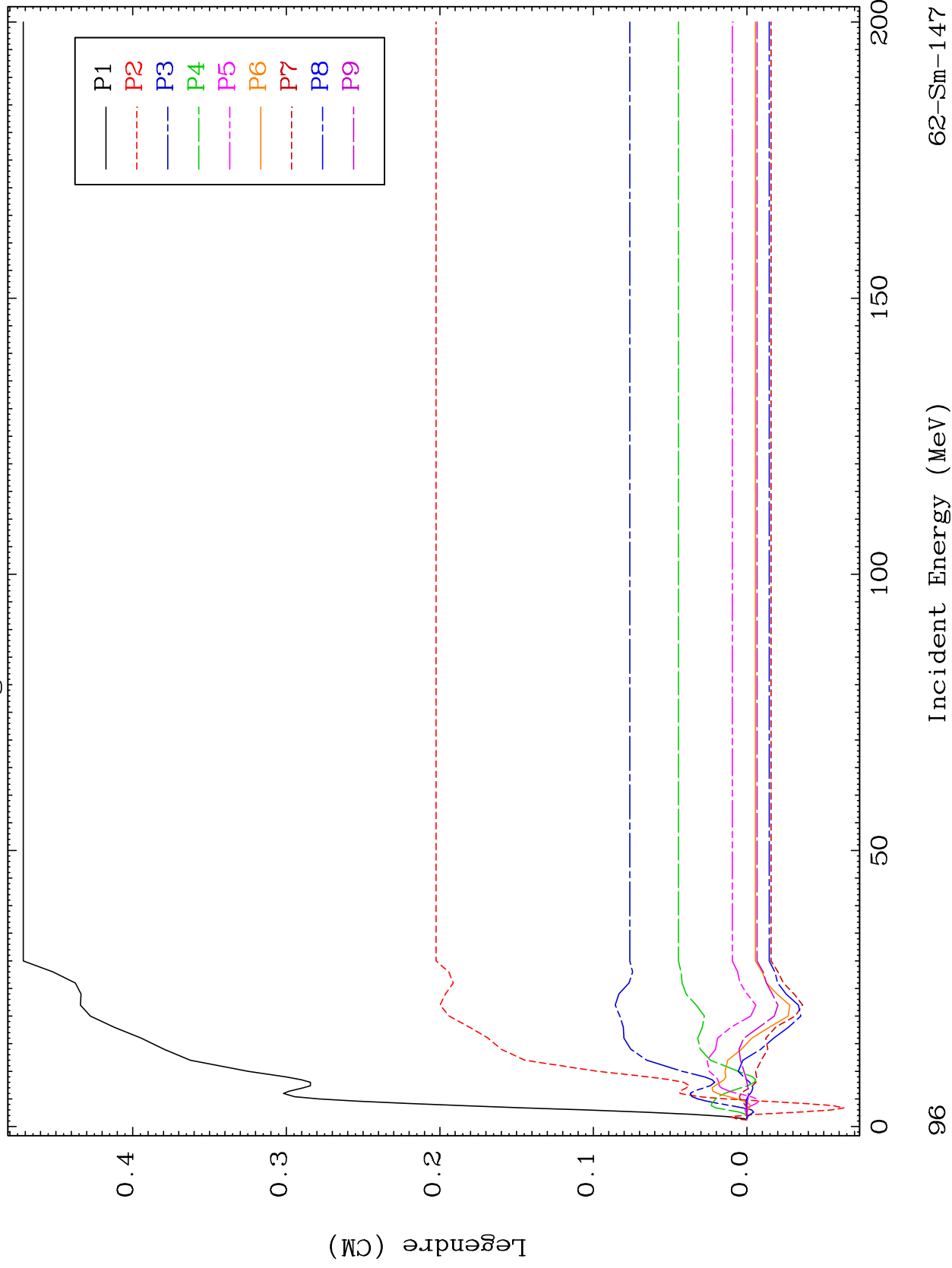


95

MAT 6234

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

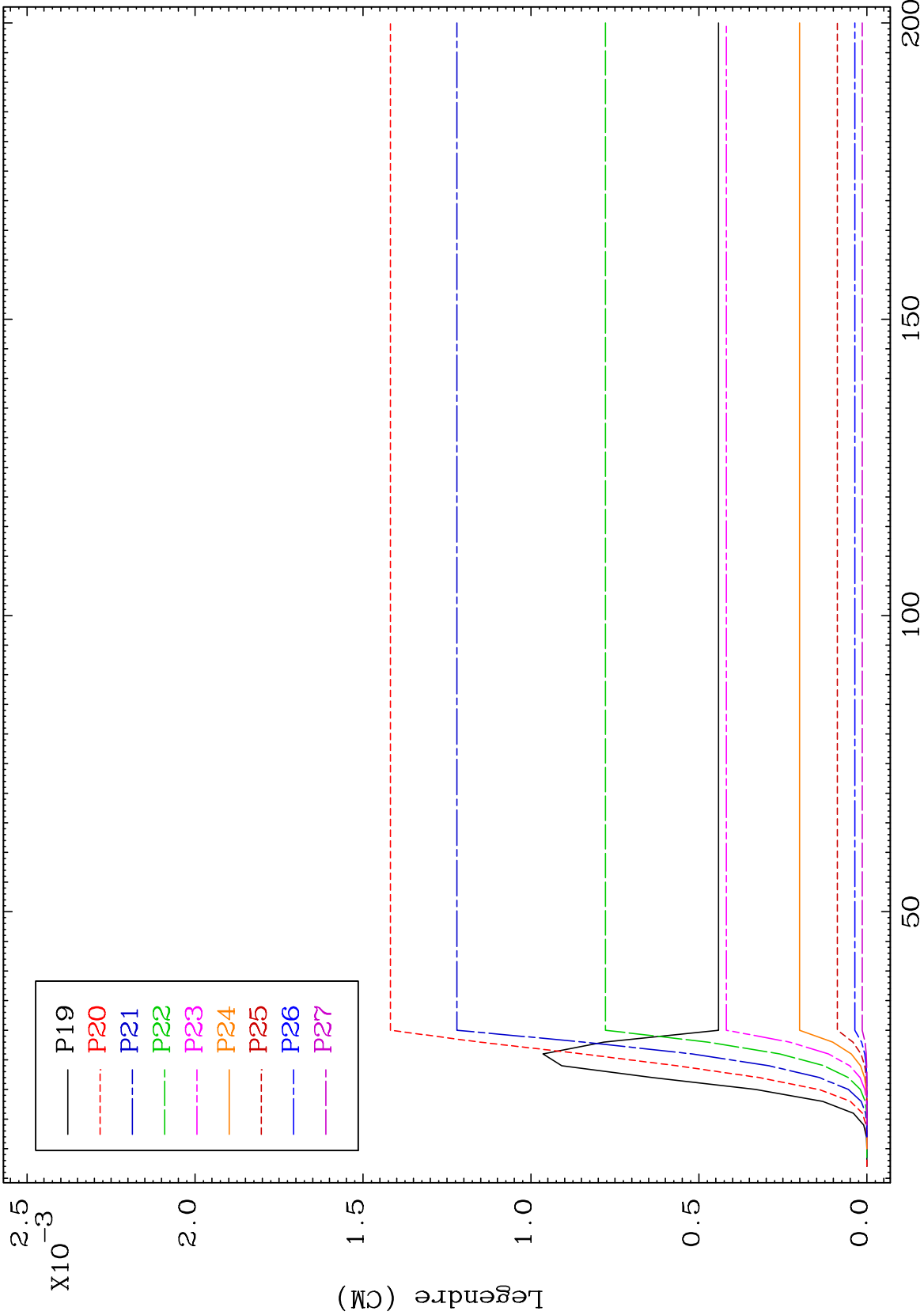
62-Sm-147



62-Sm-147

Incident Energy (MeV)

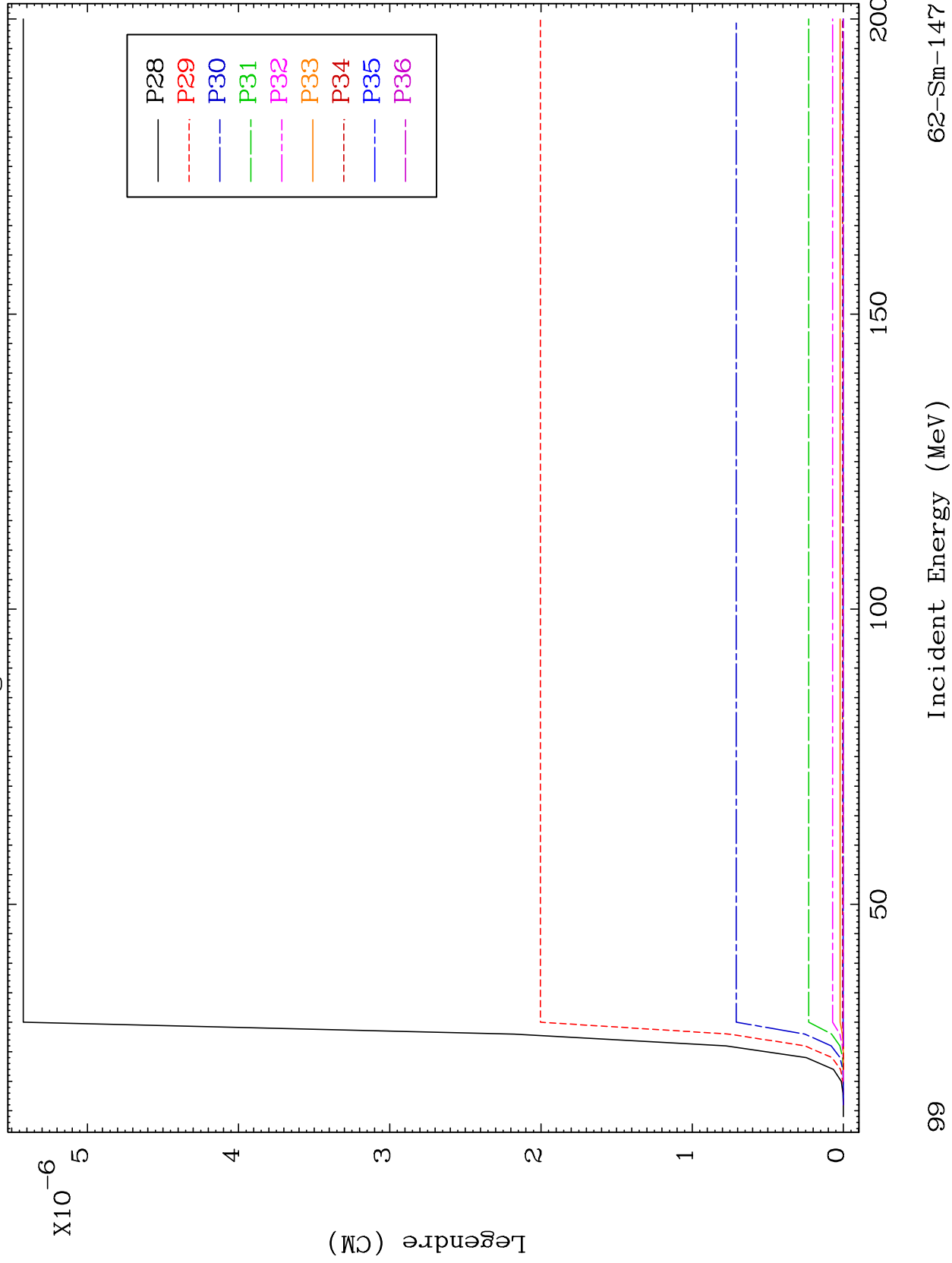
96



MAT 6234

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

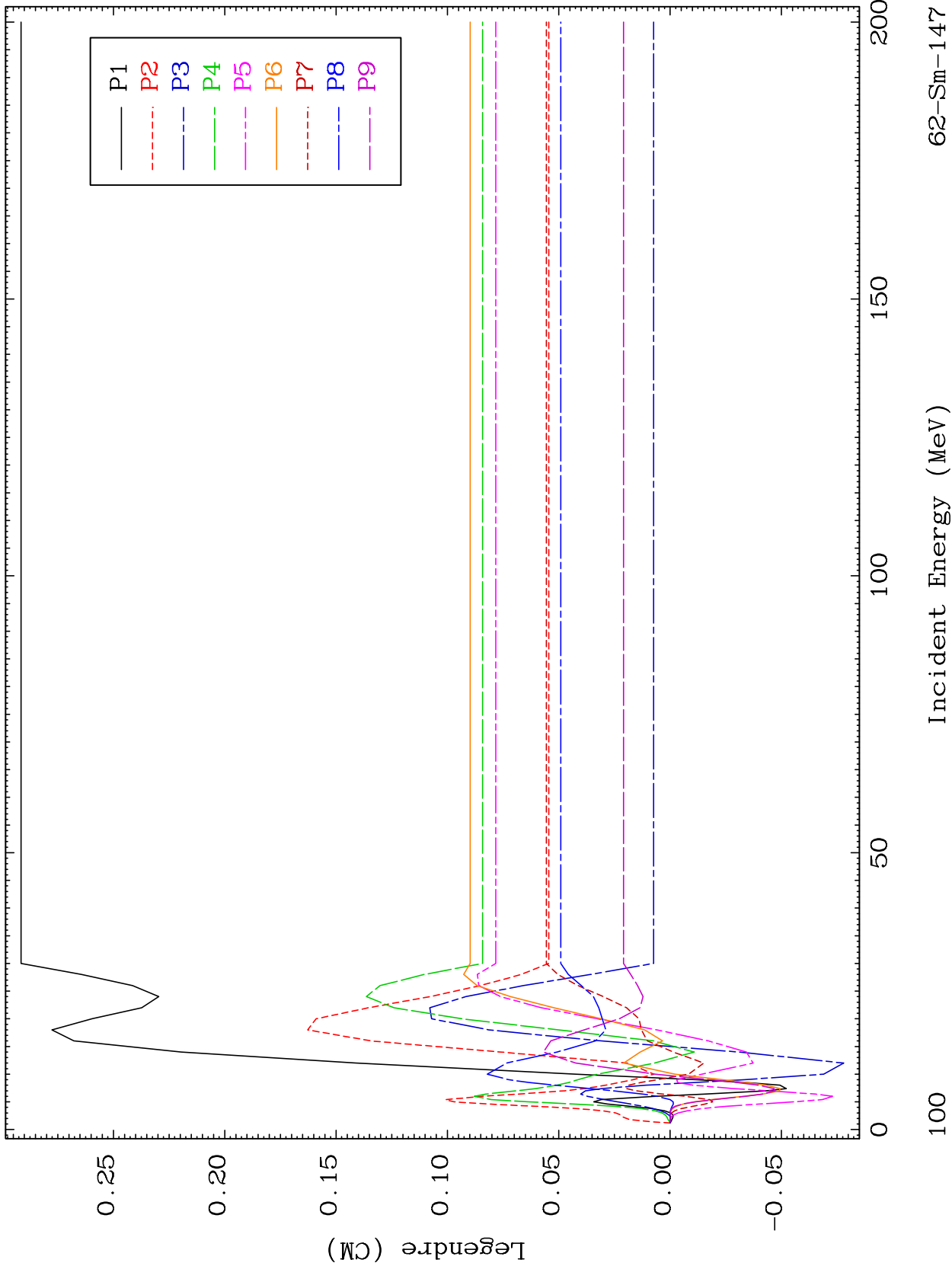
62-Sm-147



MAT 6234

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

62-Sm-147



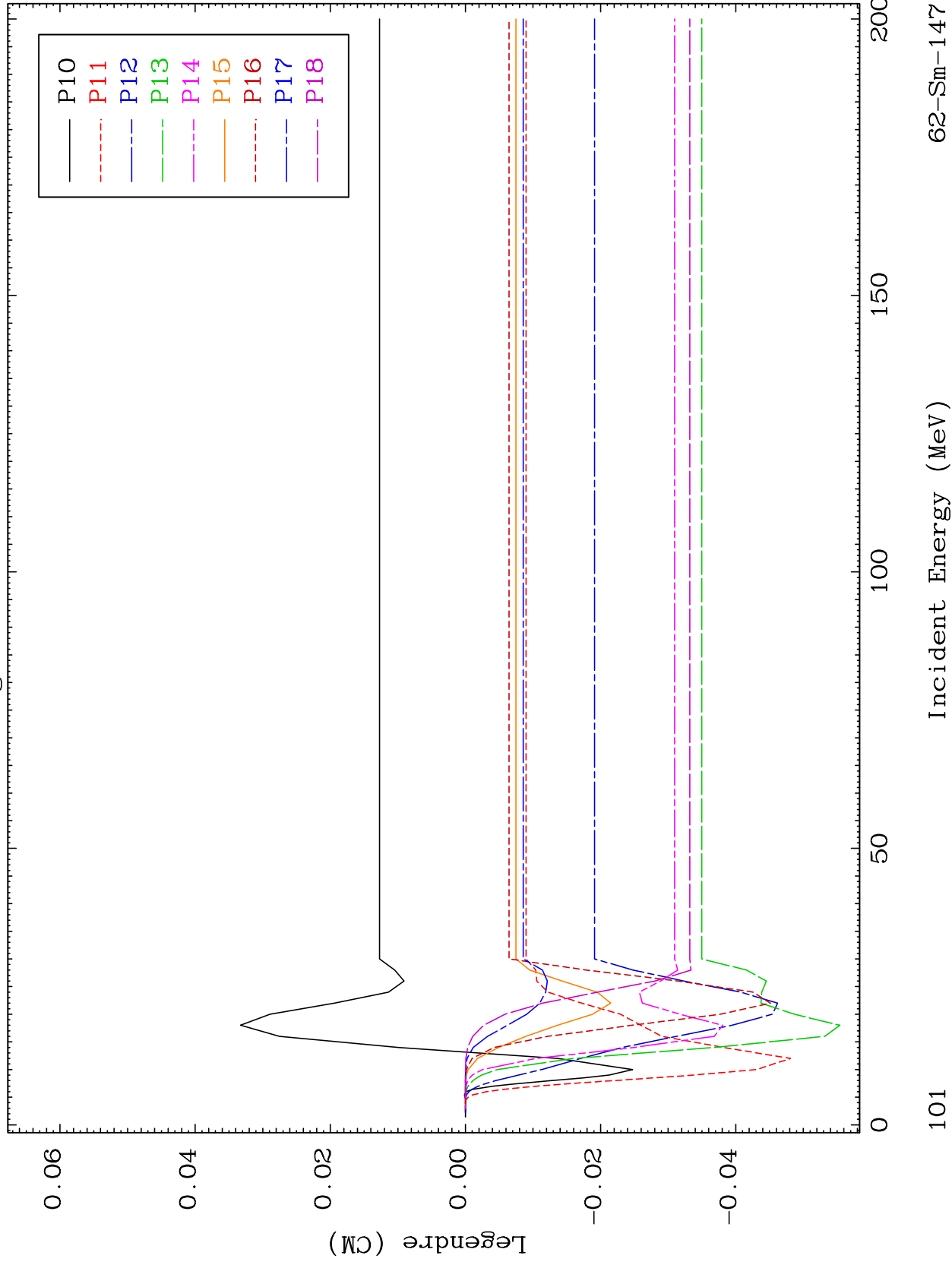
62-Sm-147

Incident Energy (MeV)

MAT 6234

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

62-Sm-147



62-Sm-147

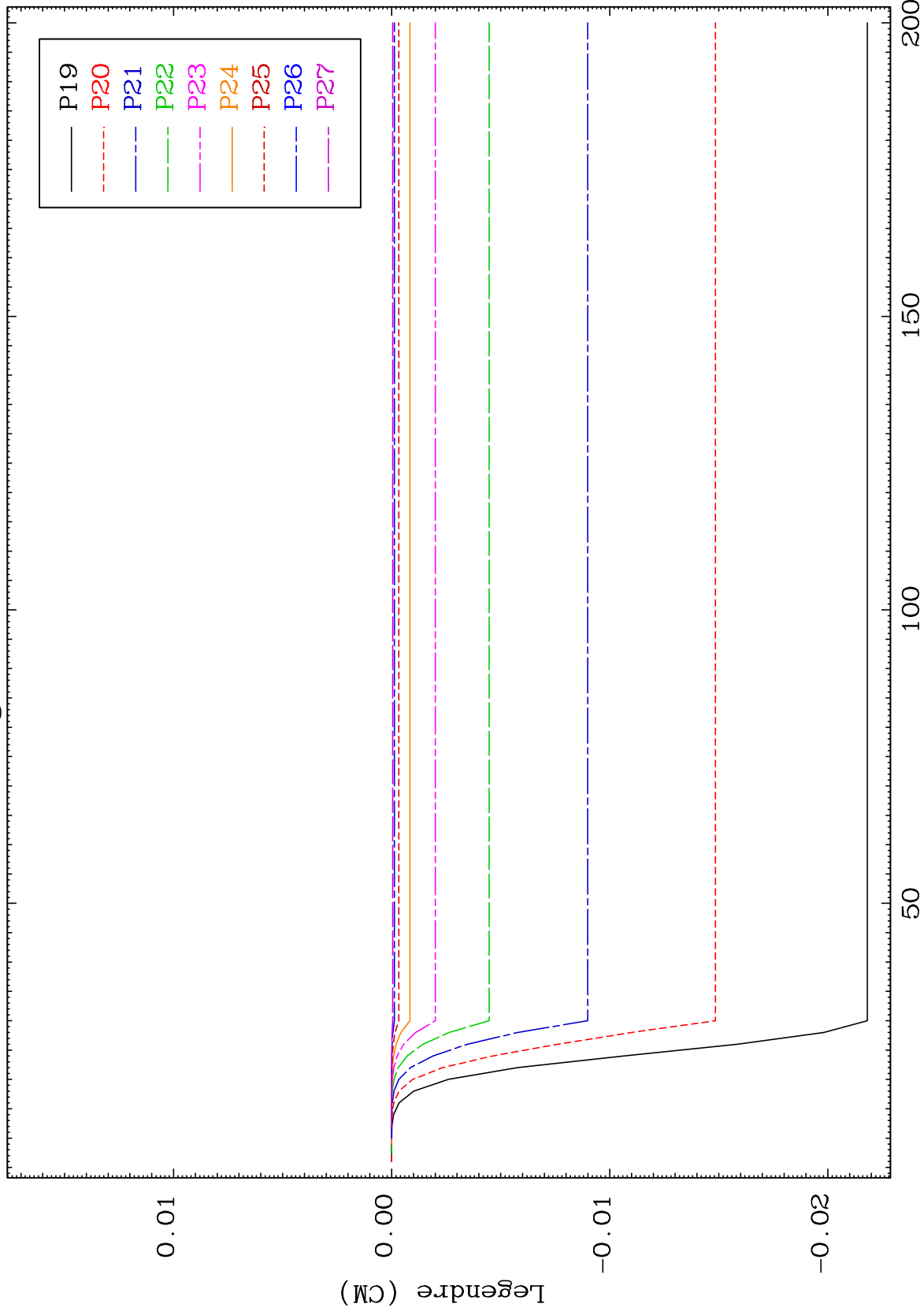
Incident Energy (MeV)

101

MAT 6234

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

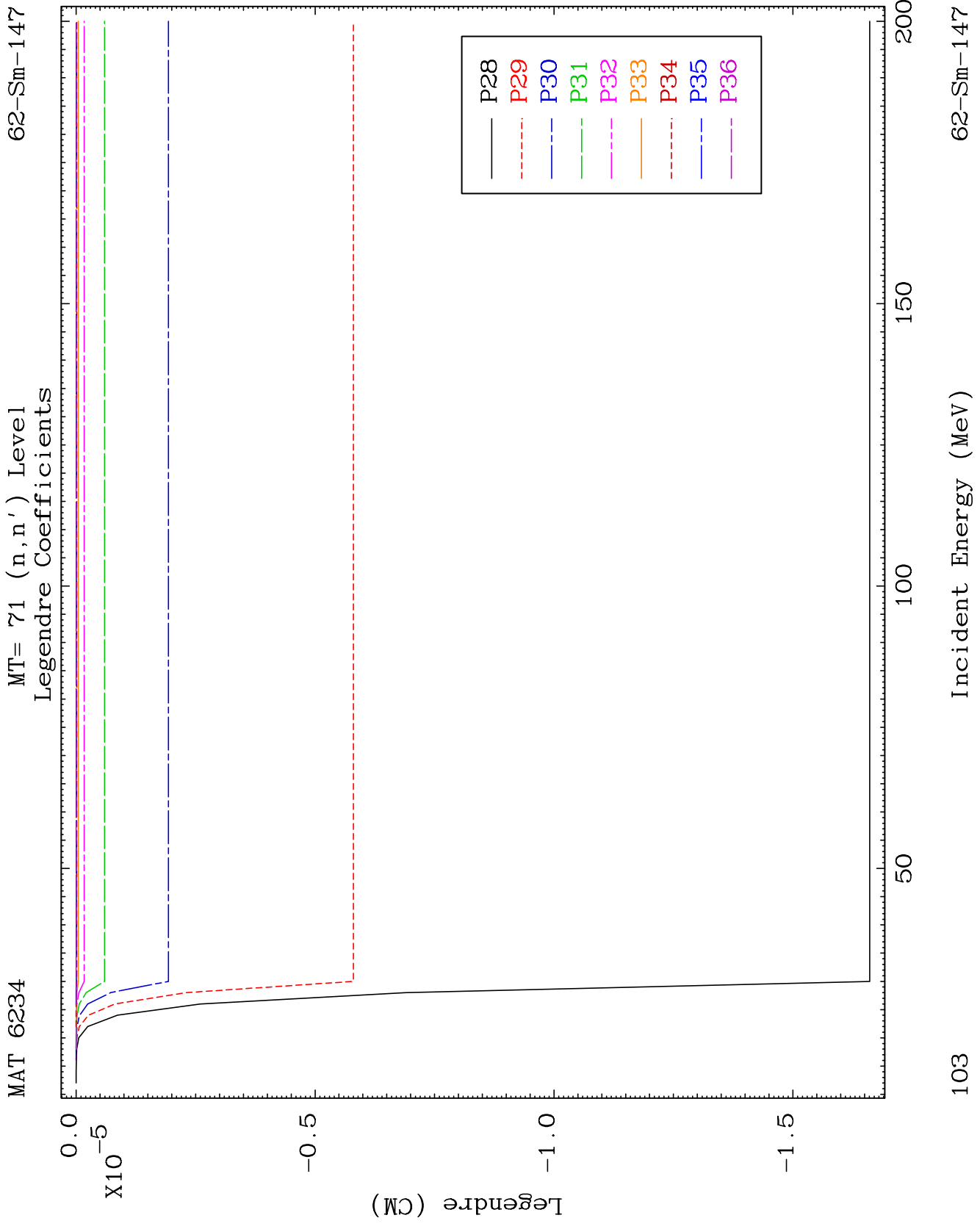
62-Sm-147



102

Incident Energy (MeV)

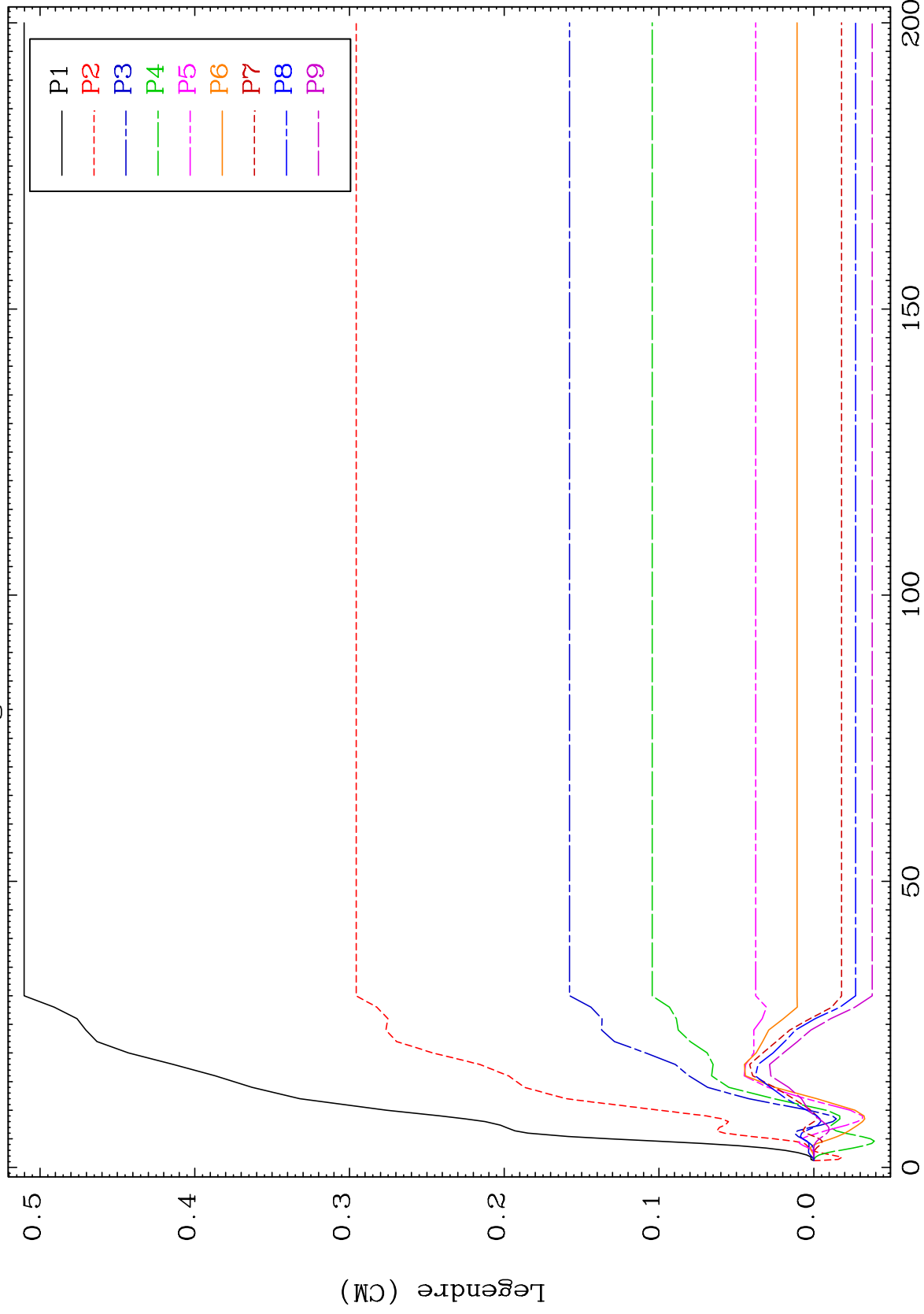
62-Sm-147



MAT 6234

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

62-Sm-147



62-Sm-147

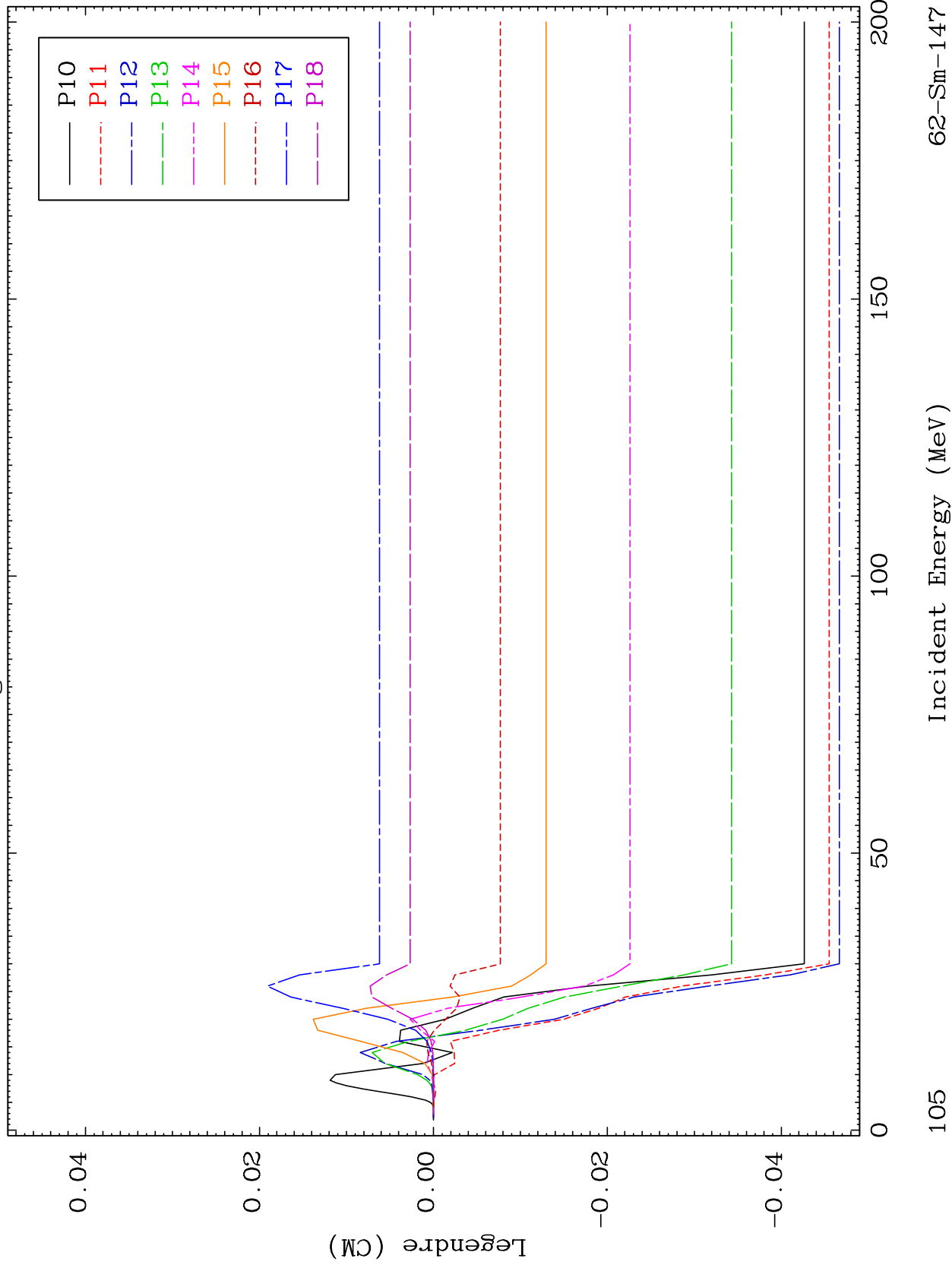
Incident Energy (MeV)

104

MAT 6234

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

62-Sm-147



62-Sm-147

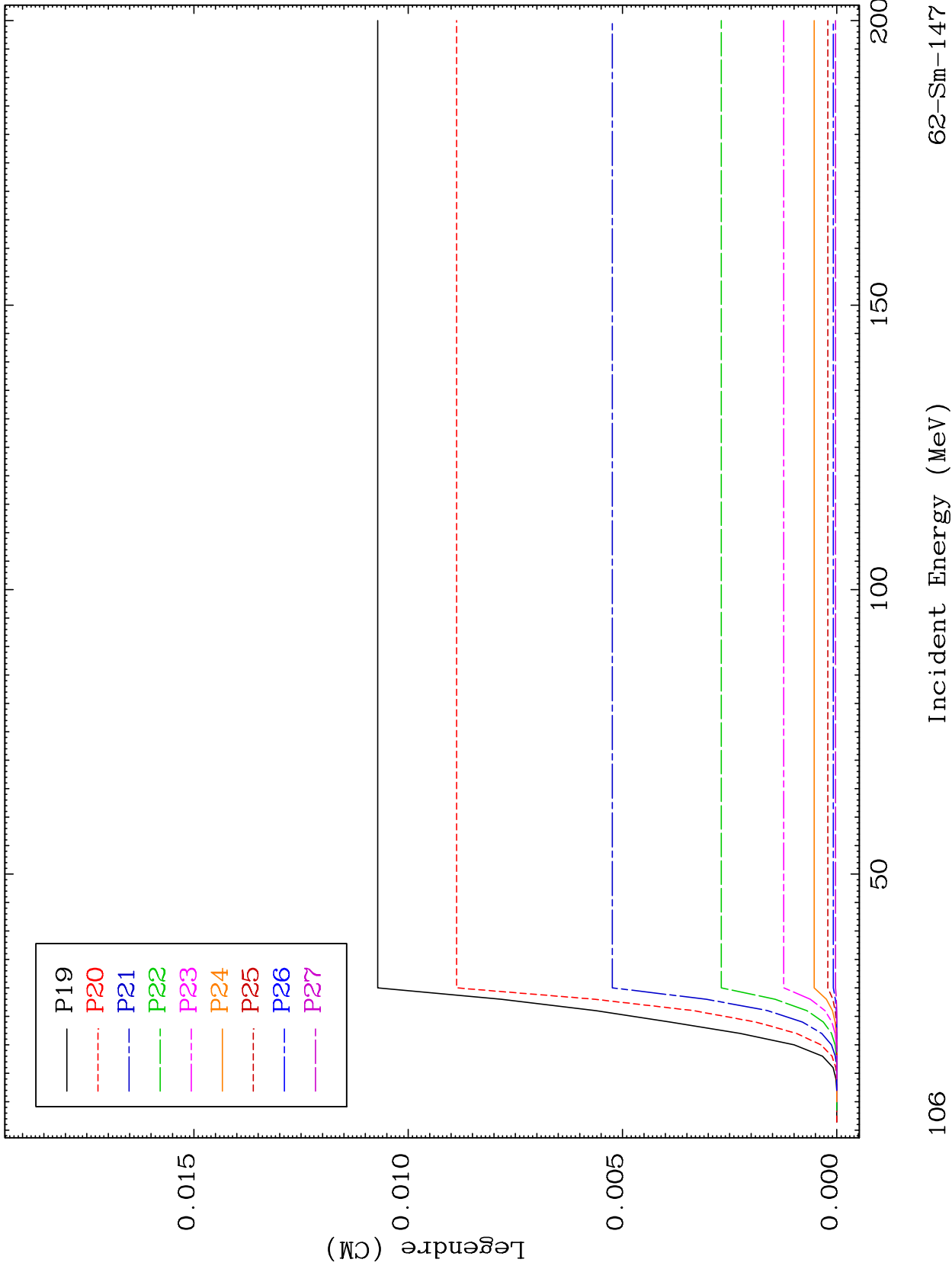
Incident Energy (MeV)

105

MAT 6234

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

62-Sm-147



106

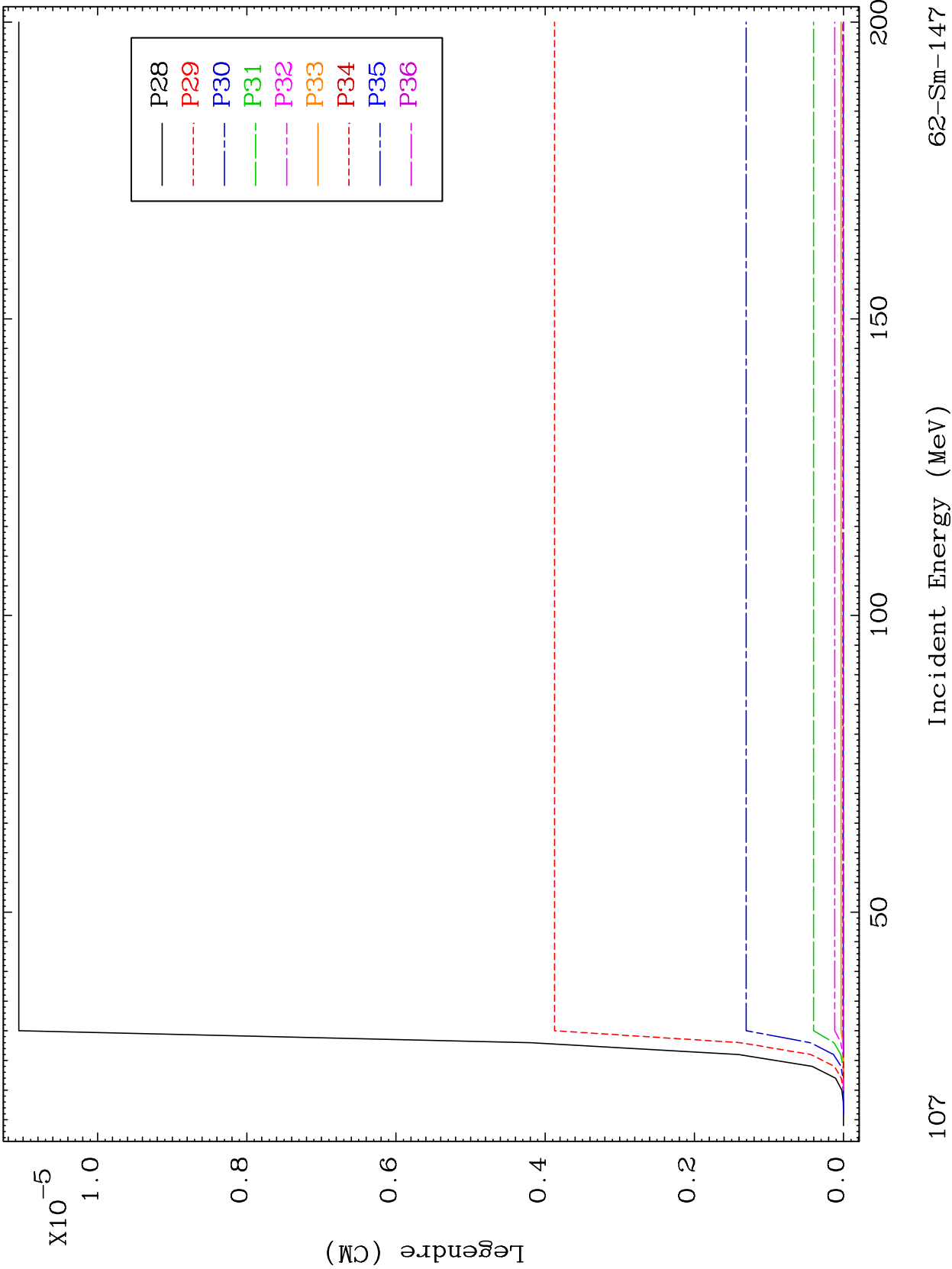
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



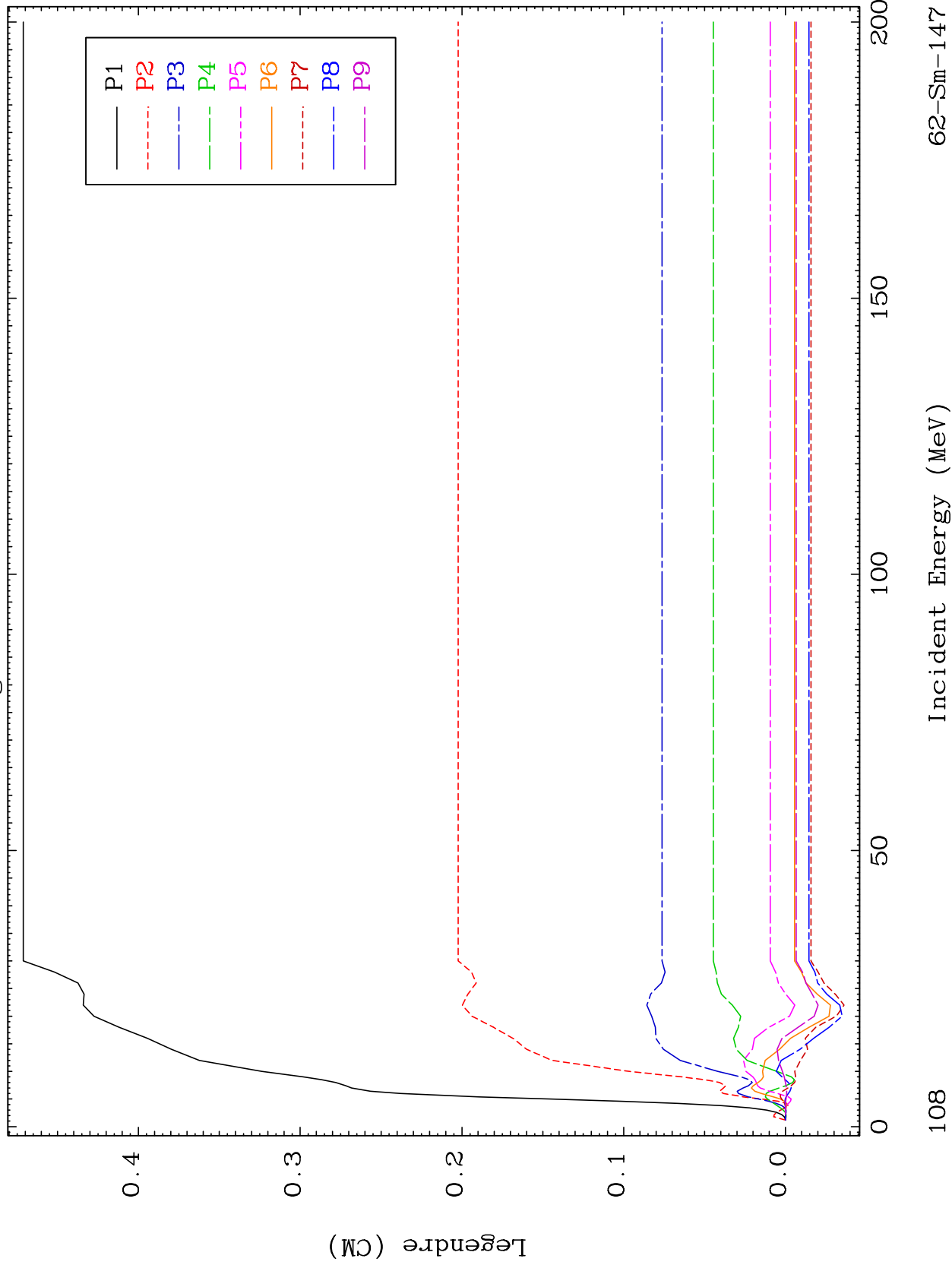
107

62-Sm-147

MAT 6234

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

62-Sm-147



62-Sm-147

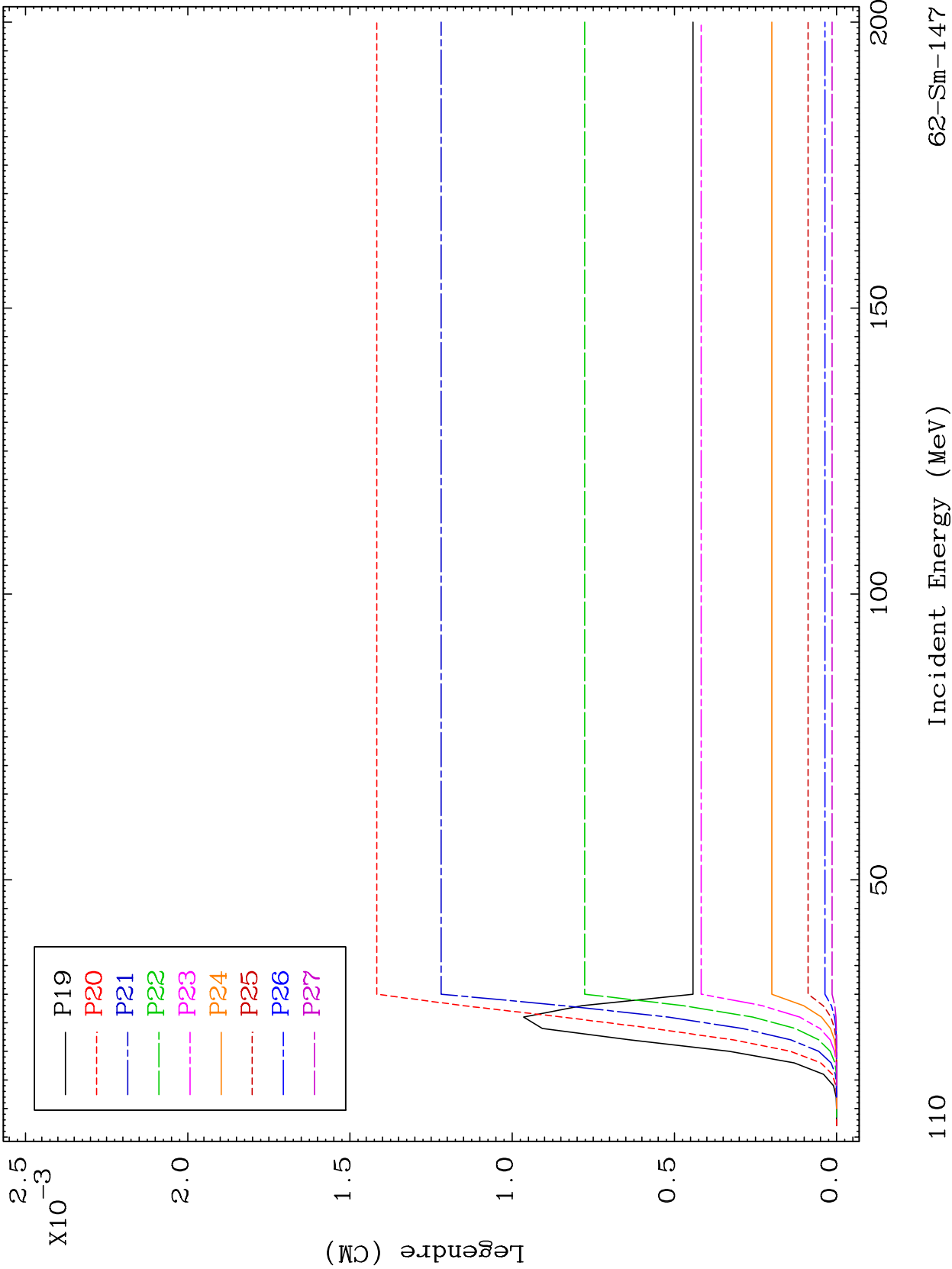
Incident Energy (MeV)

108

MAT 6234

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

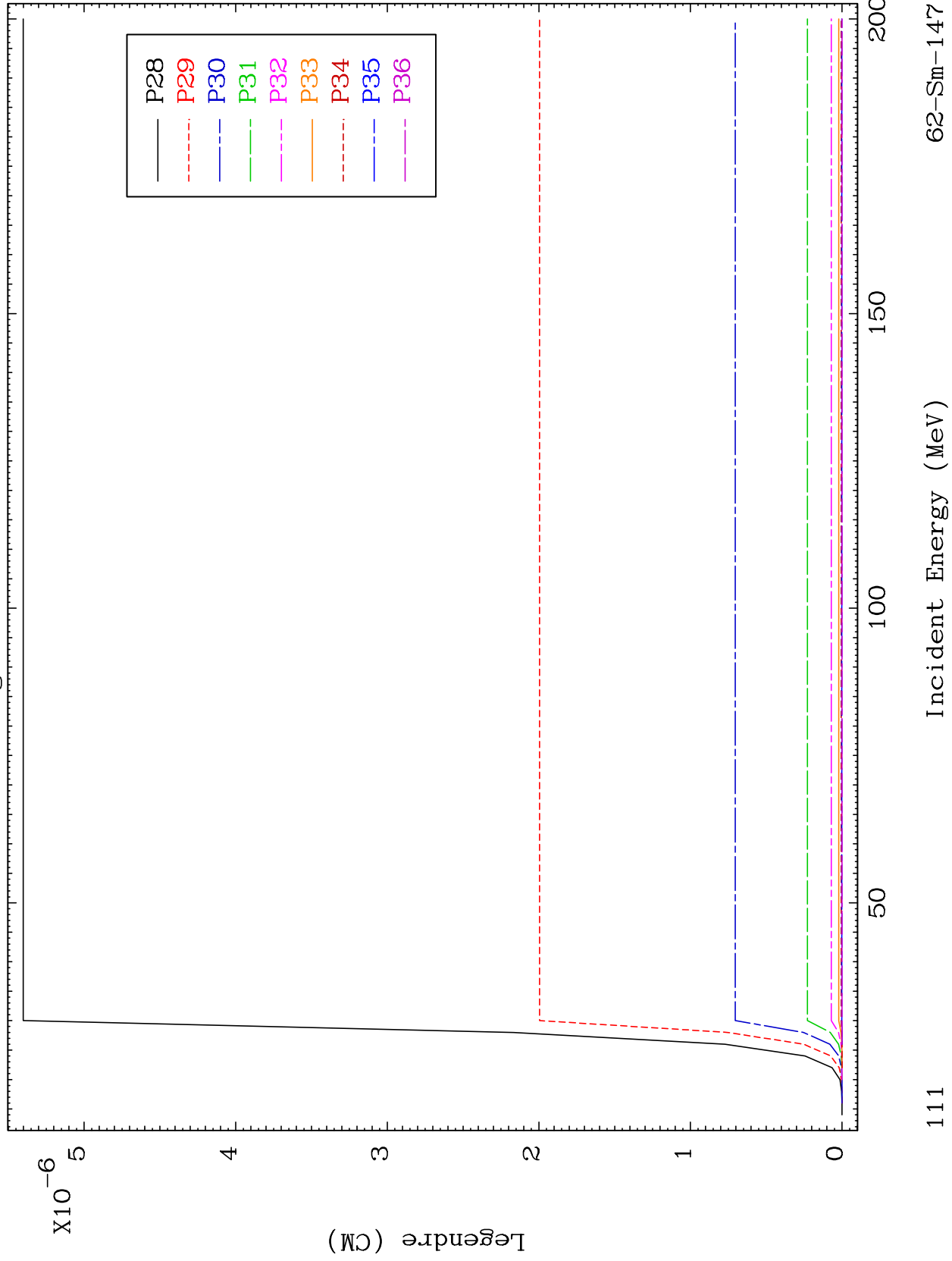
62-Sm-147



MAT 6234

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

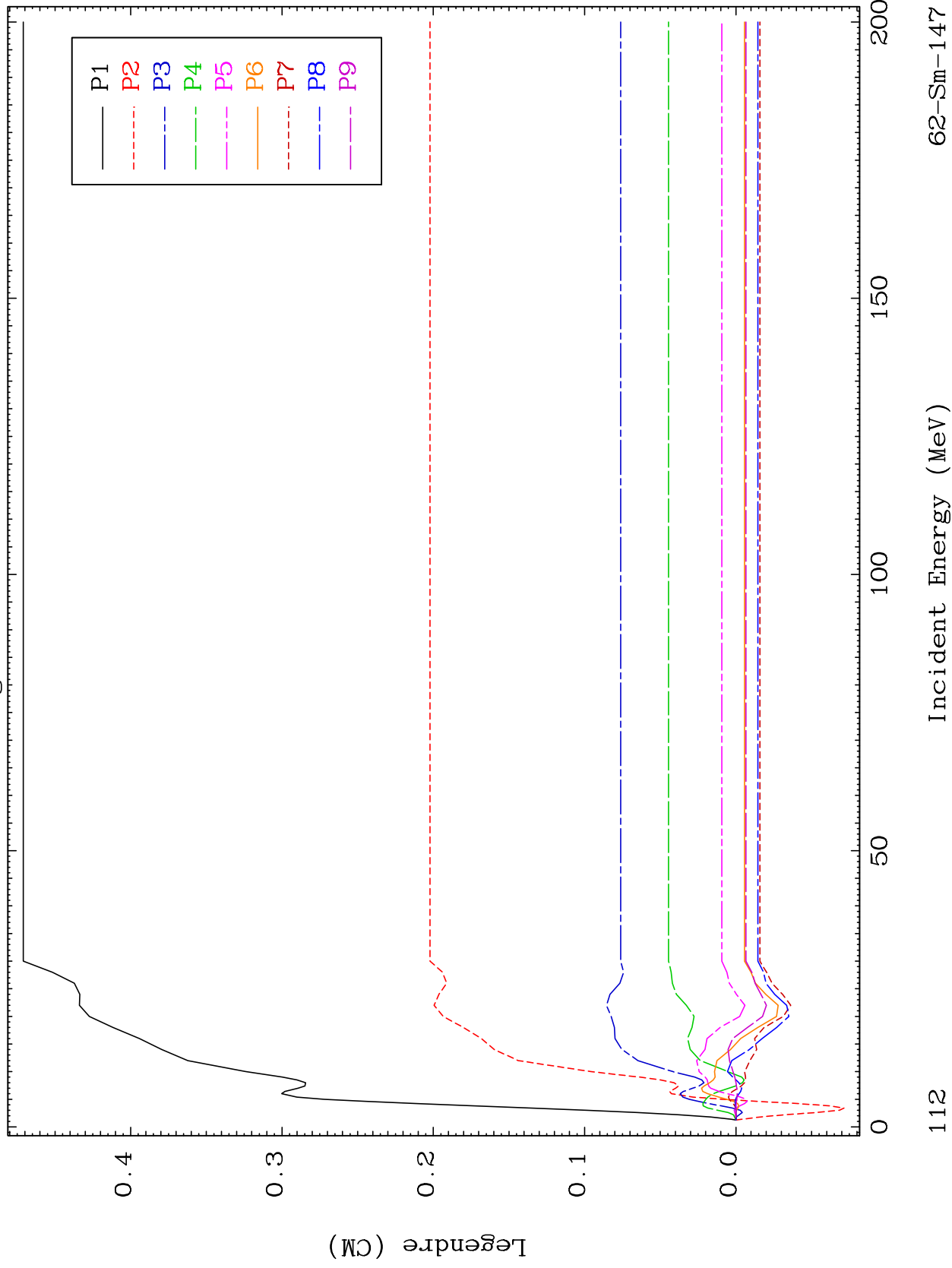
62-Sm-147



MAT 6234

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

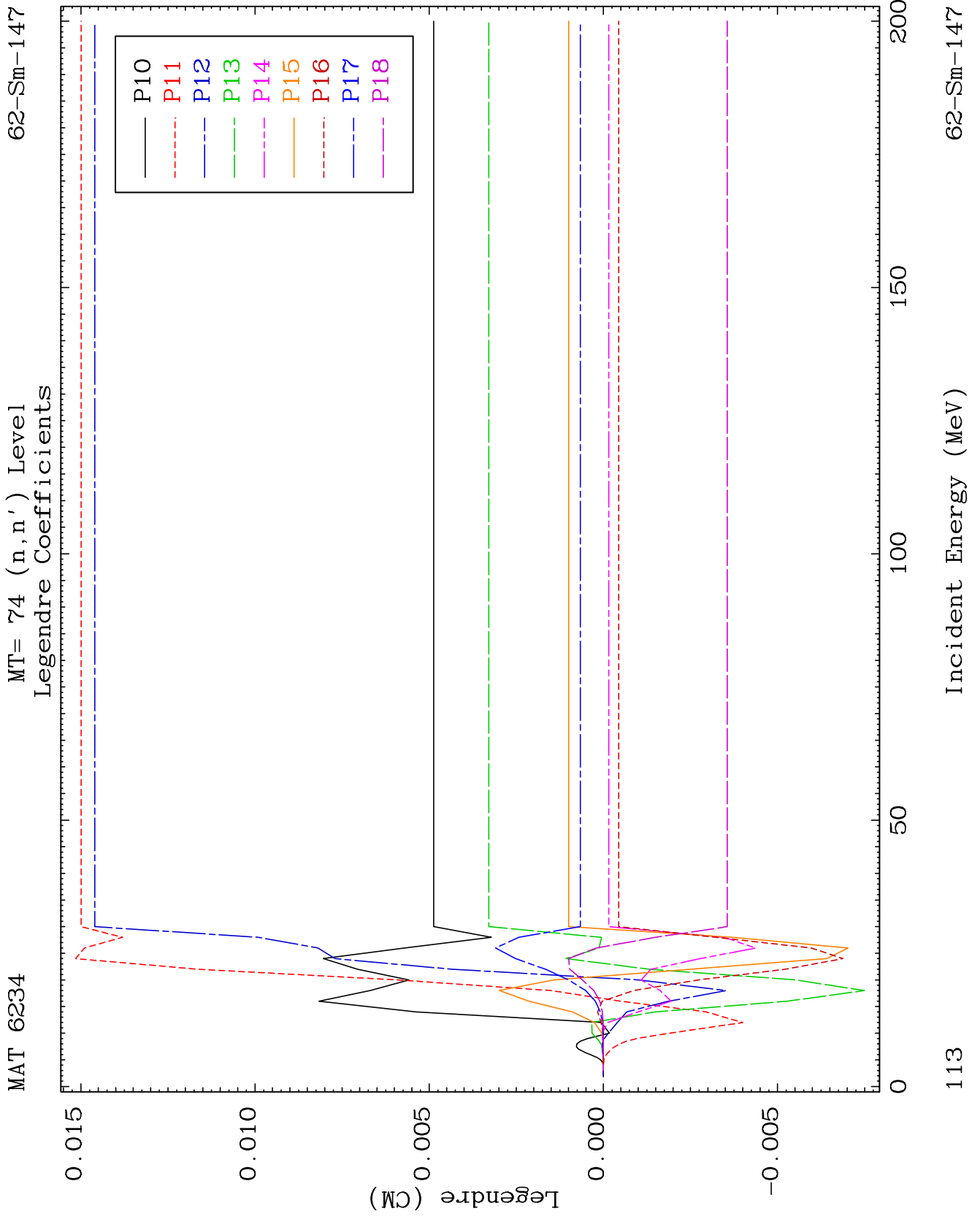
62-Sm-147

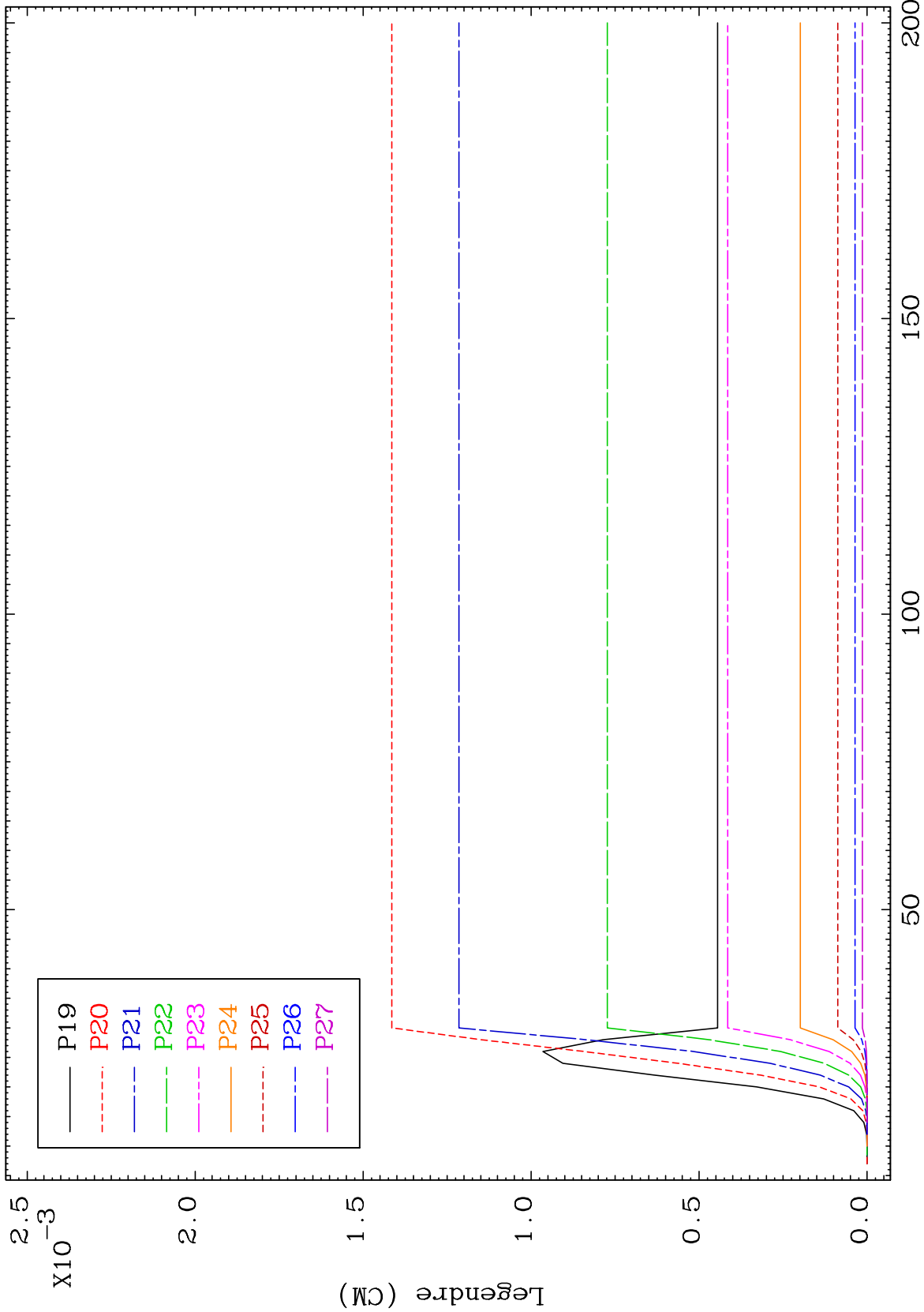


62-Sm-147

Incident Energy (MeV)

112

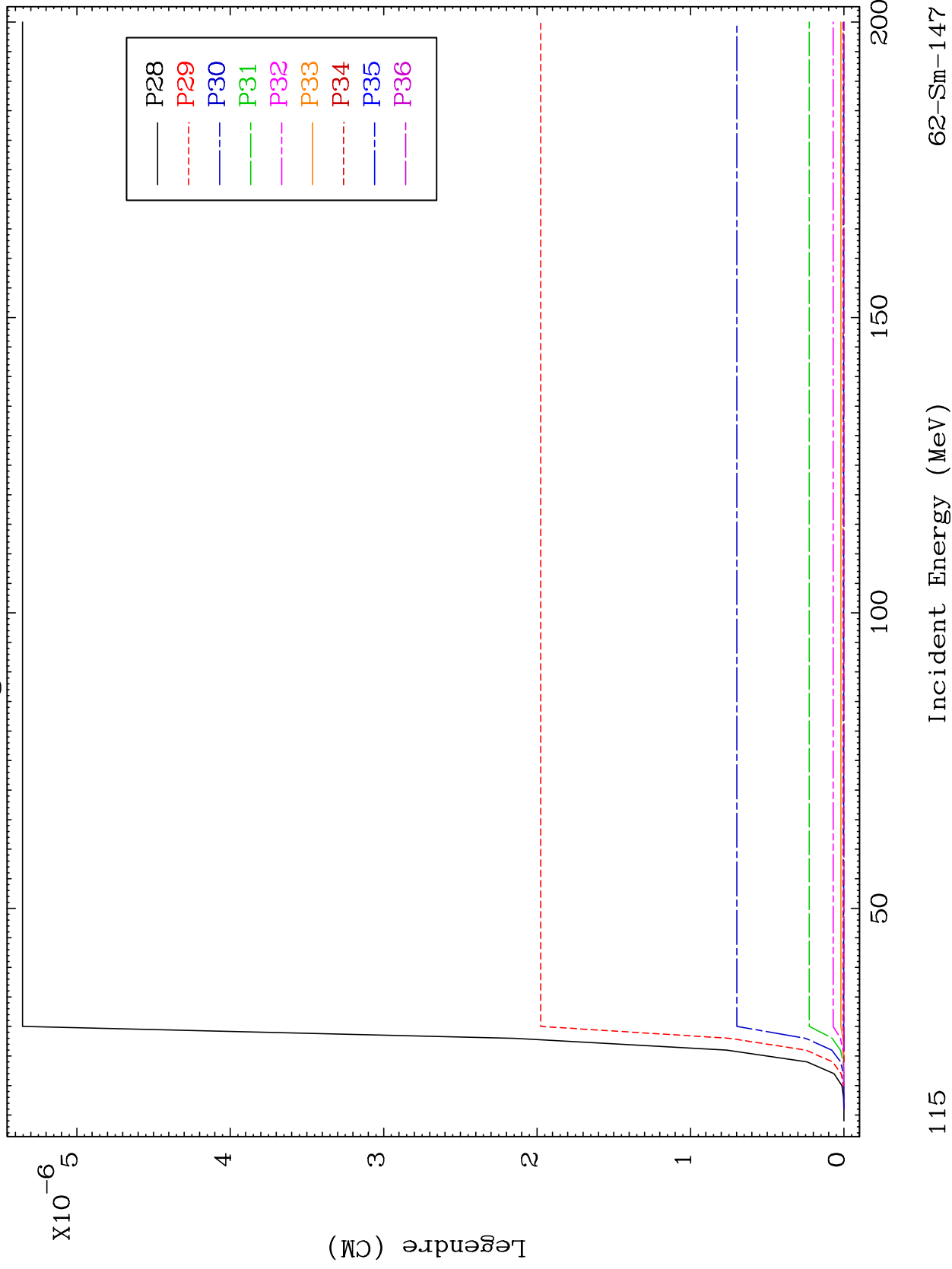




MAT 6234

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

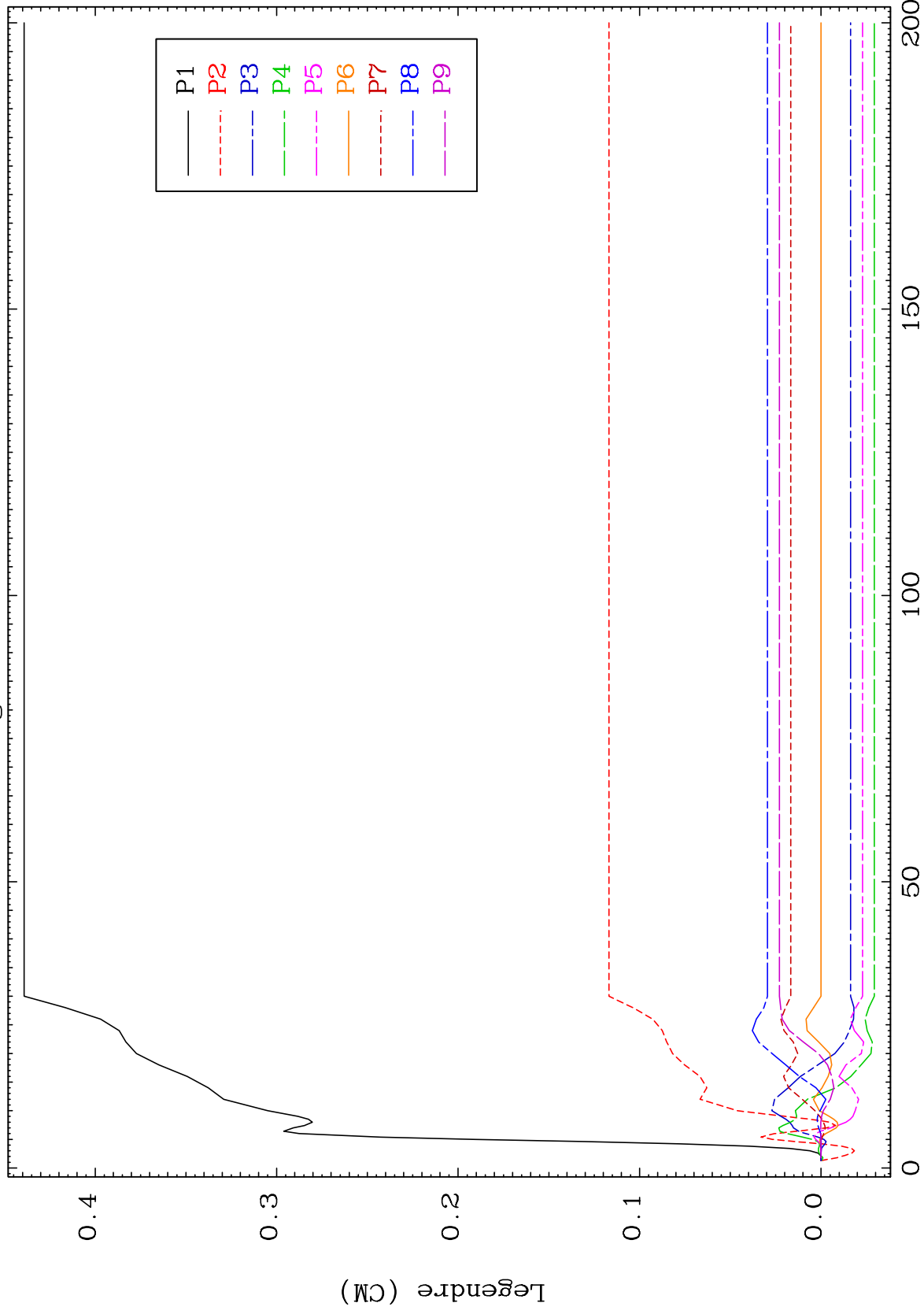
62-Sm-147



MAT 6234

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

62-Sm-147



116

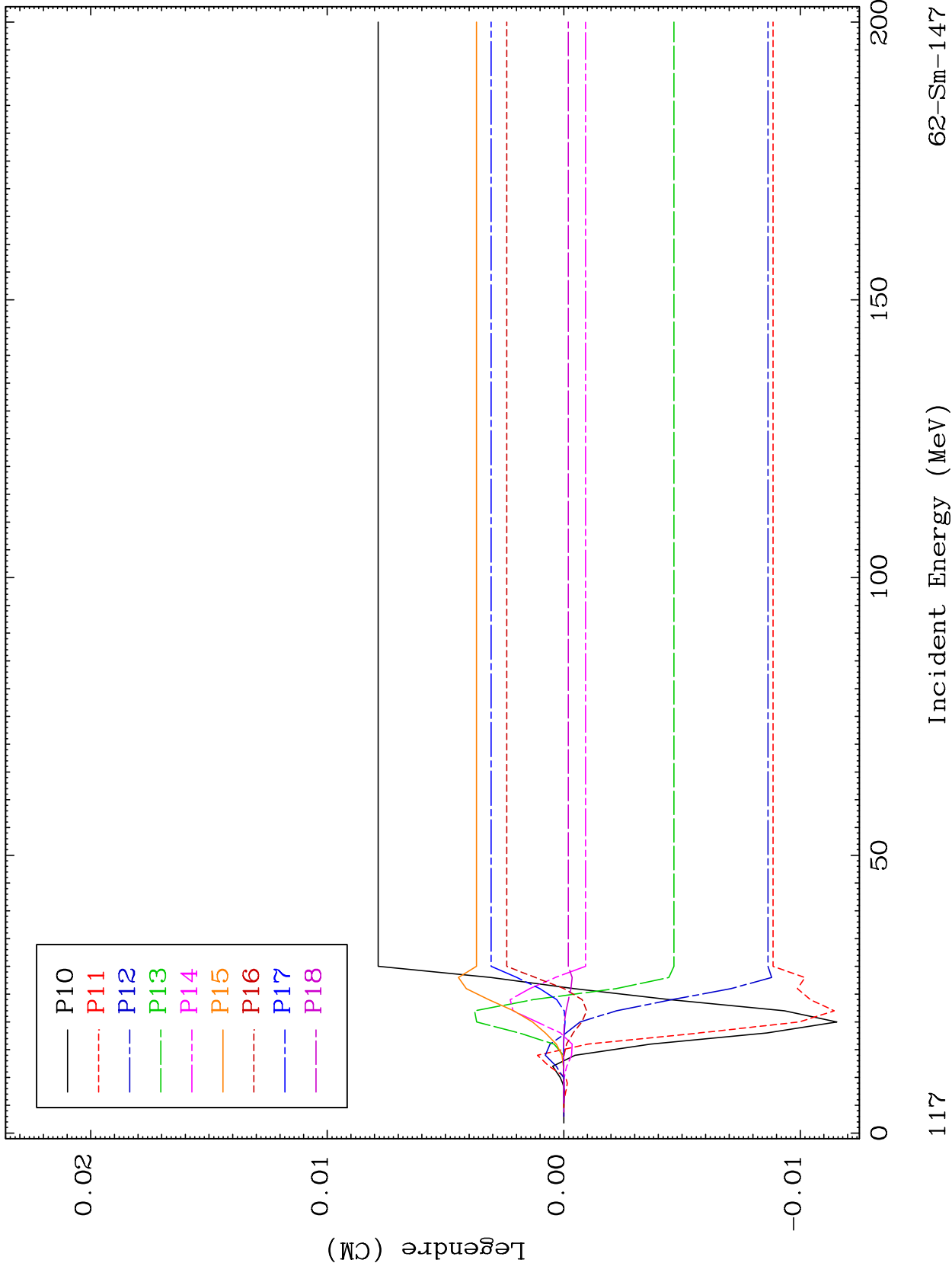
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



117

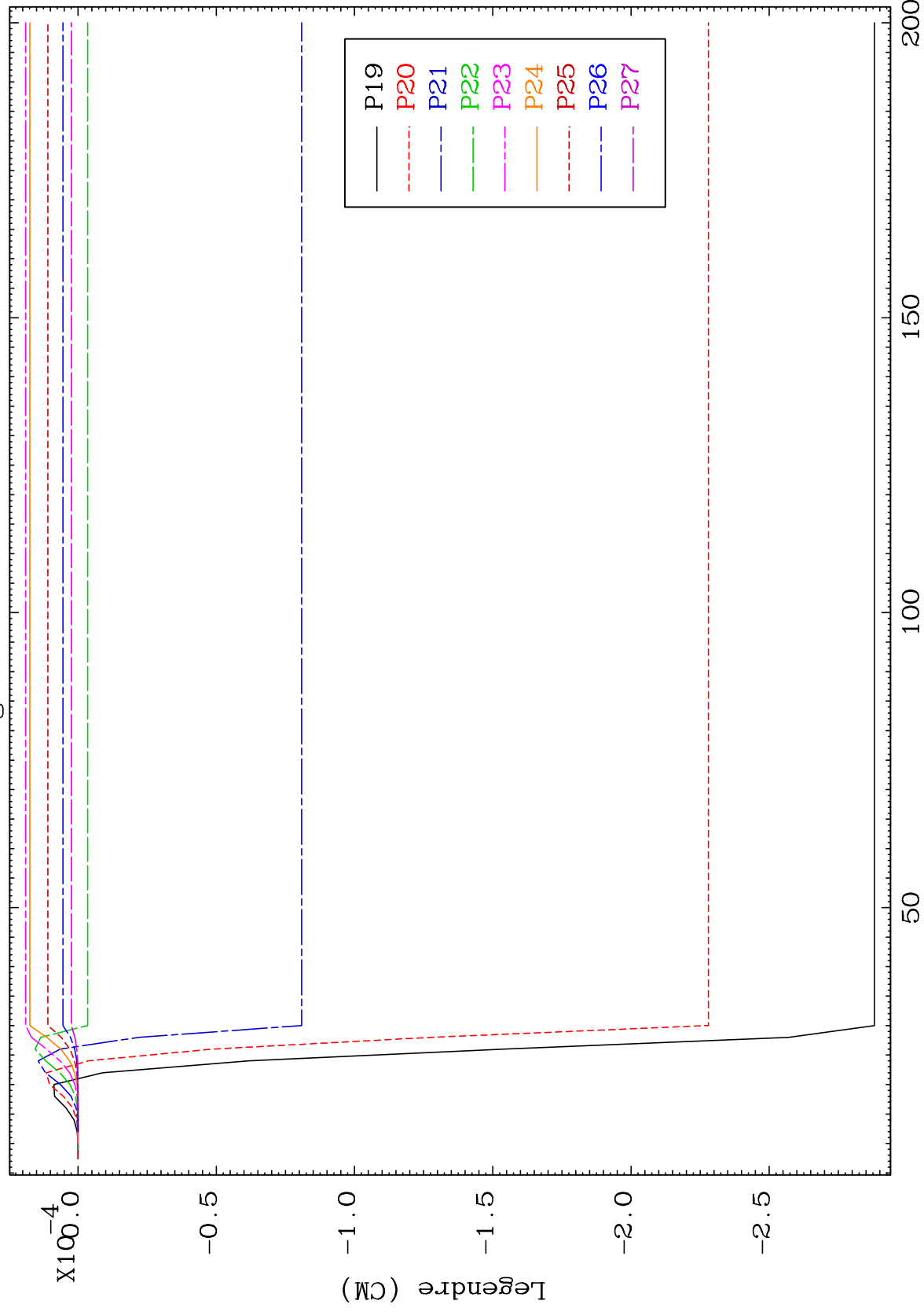
Incident Energy (MeV)

62-Sm-147

MAT 6234

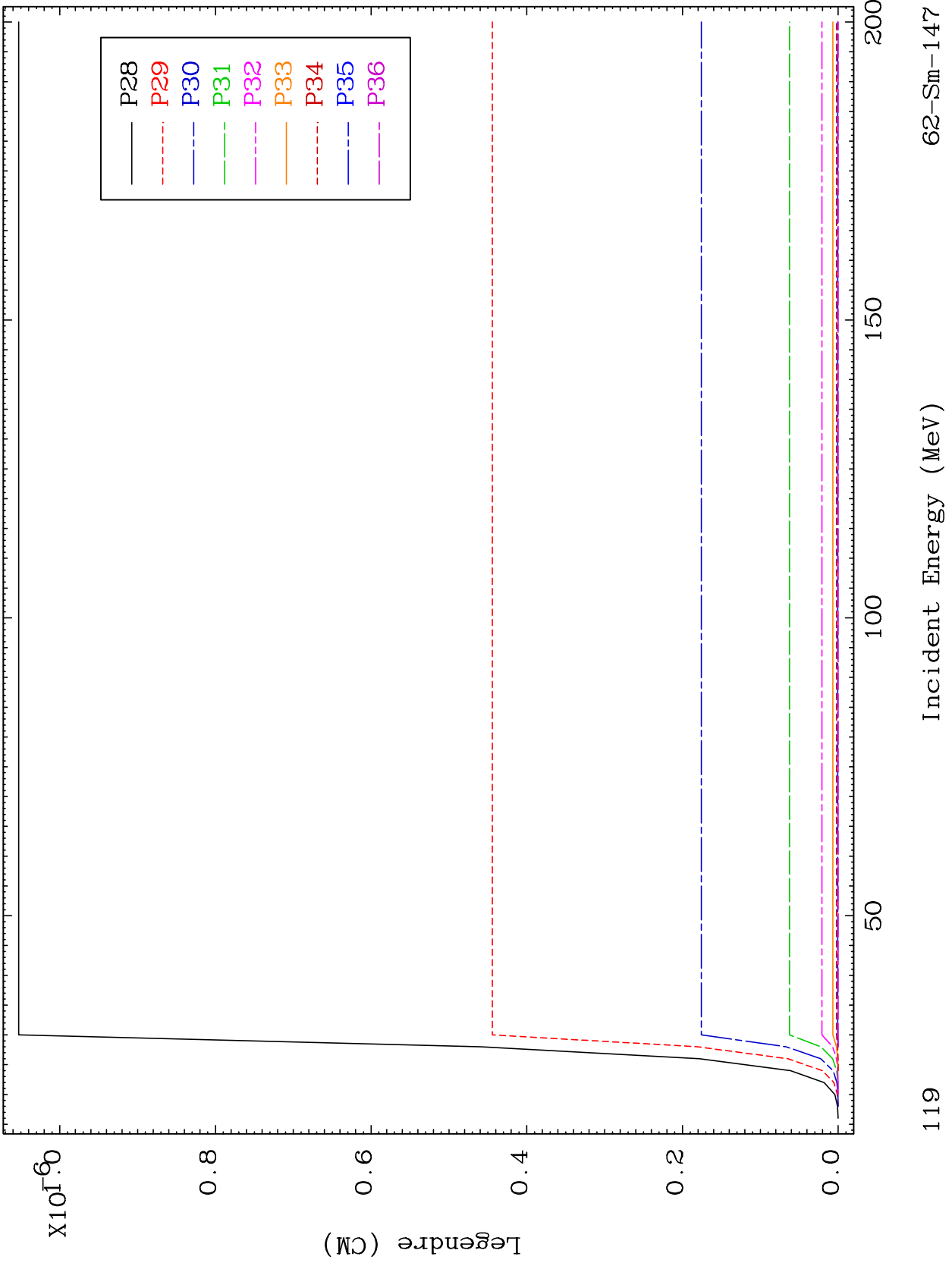
MT= 75 (n,n') Level
Legendre Coefficients

62-Sm-147



118

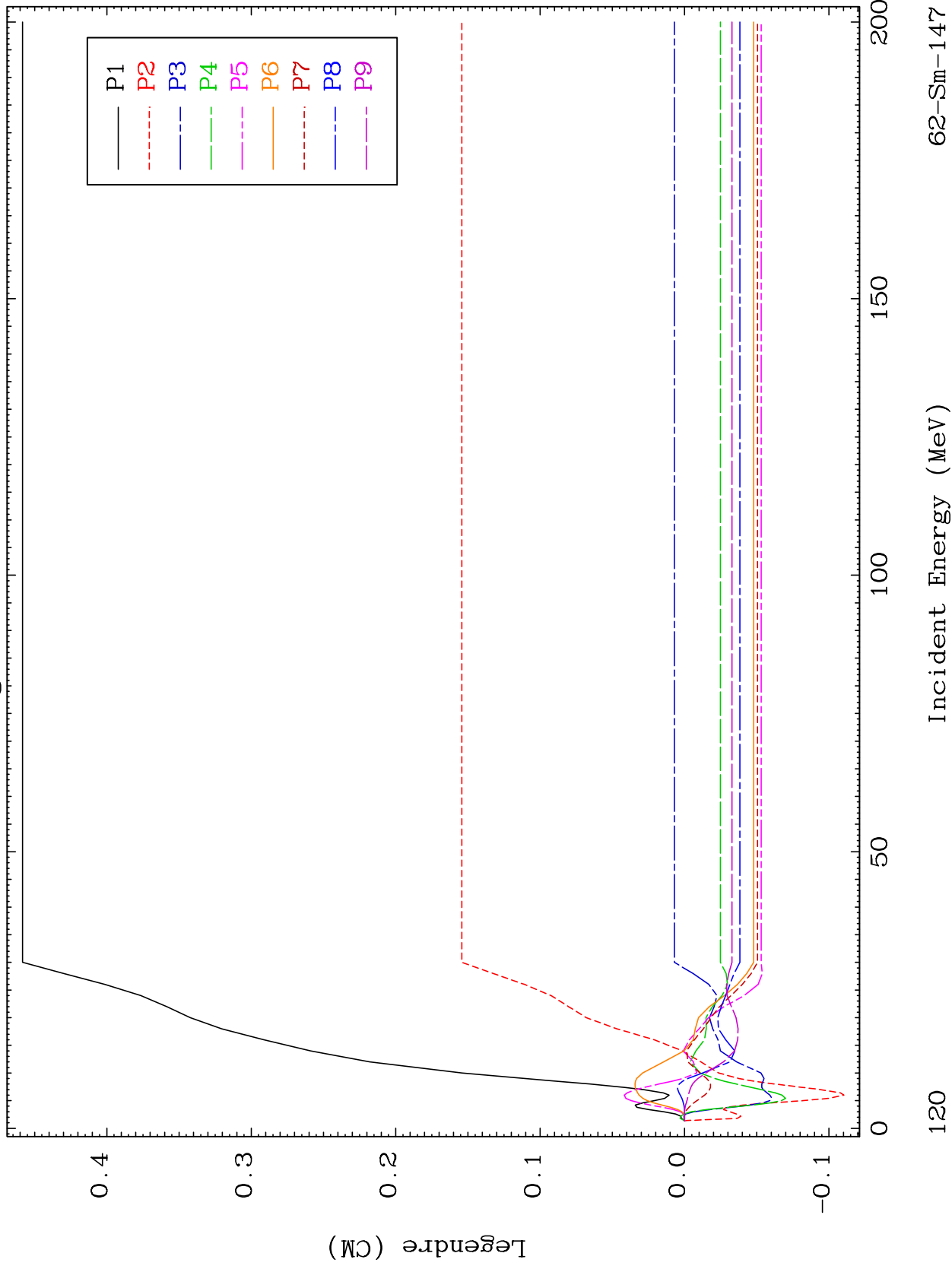
62-Sm-147



MAT 6234

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

62-Sm-147



62-Sm-147

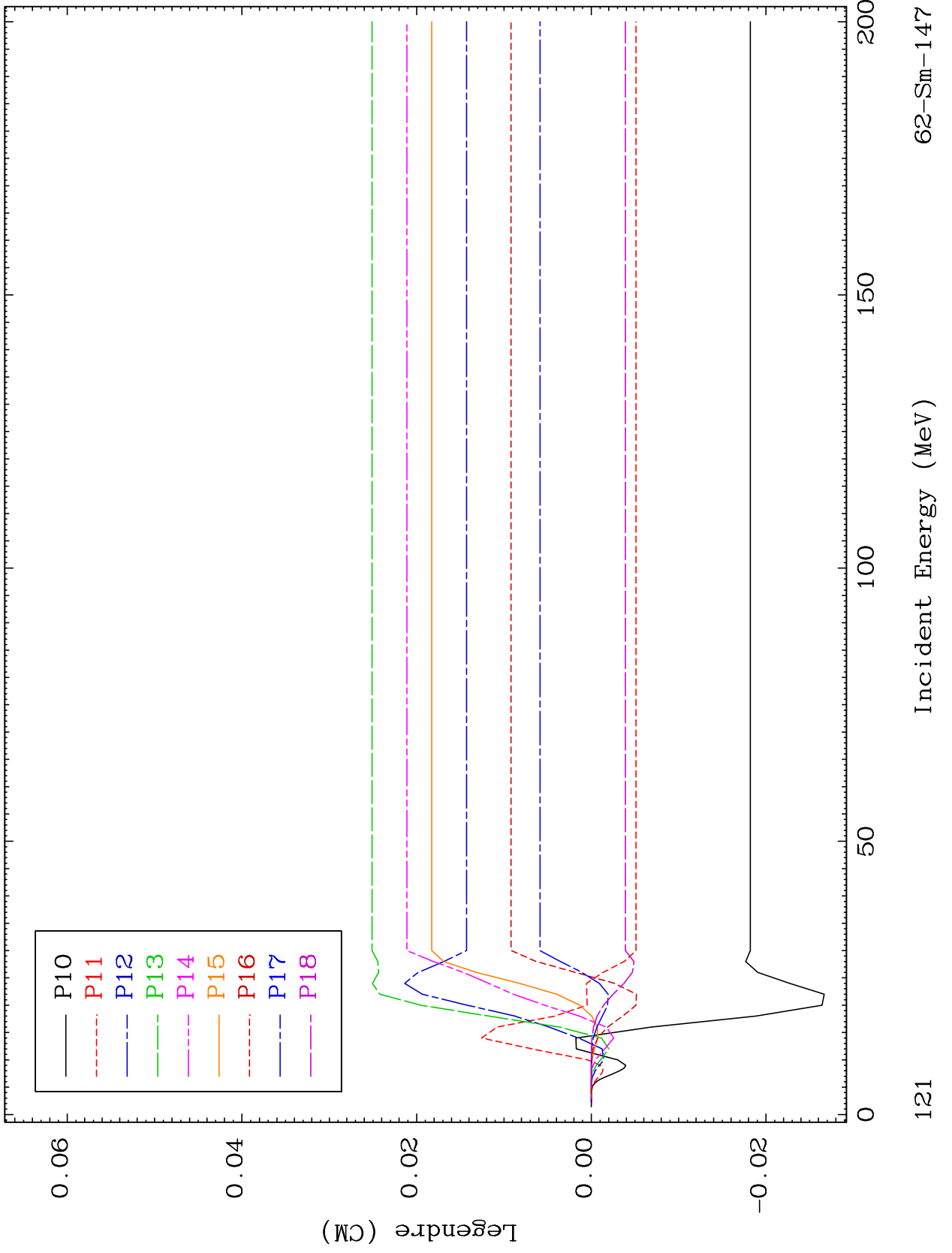
Incident Energy (MeV)

120

MAT 6234

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

62-Sm-147



121

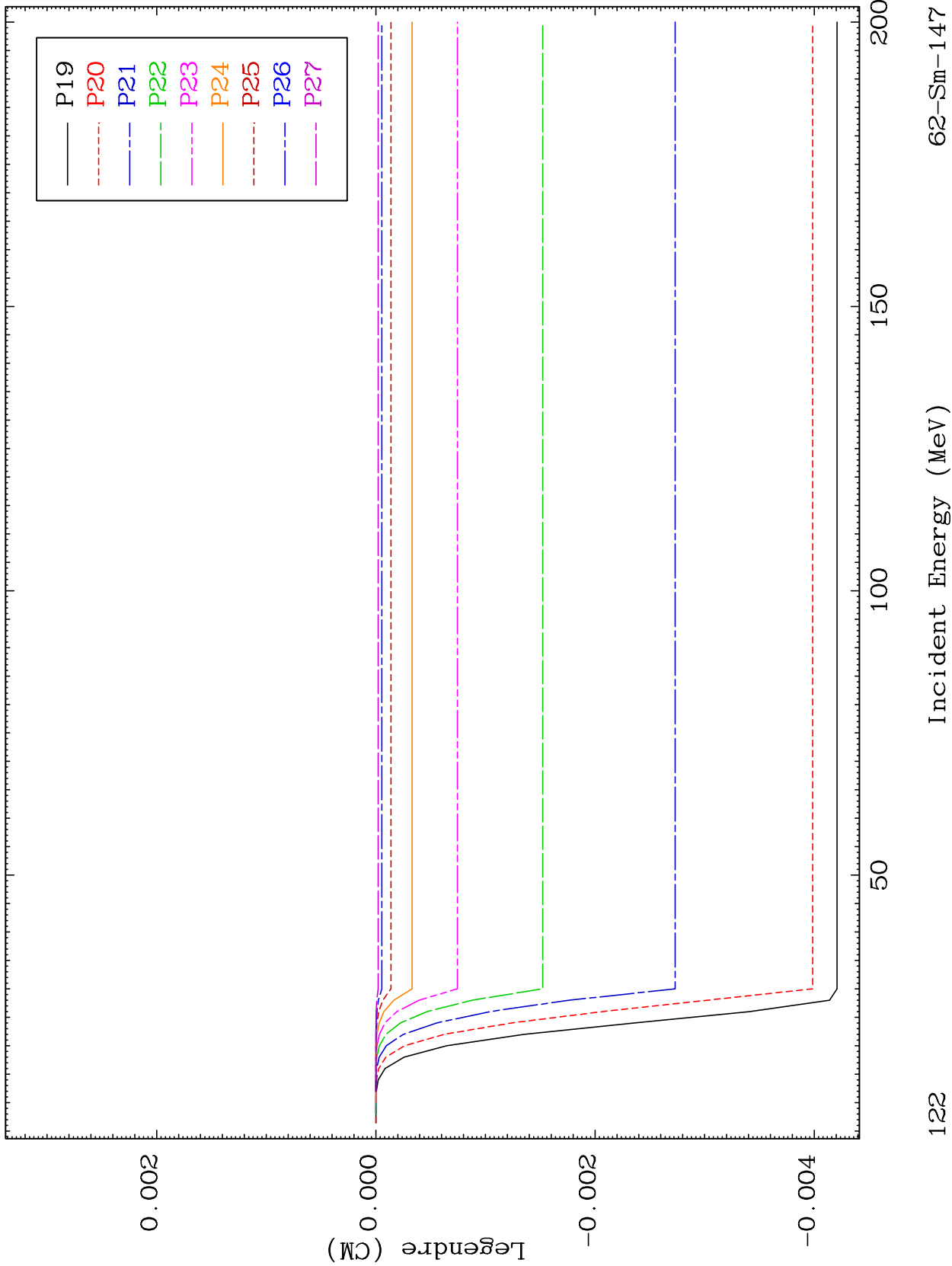
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



122

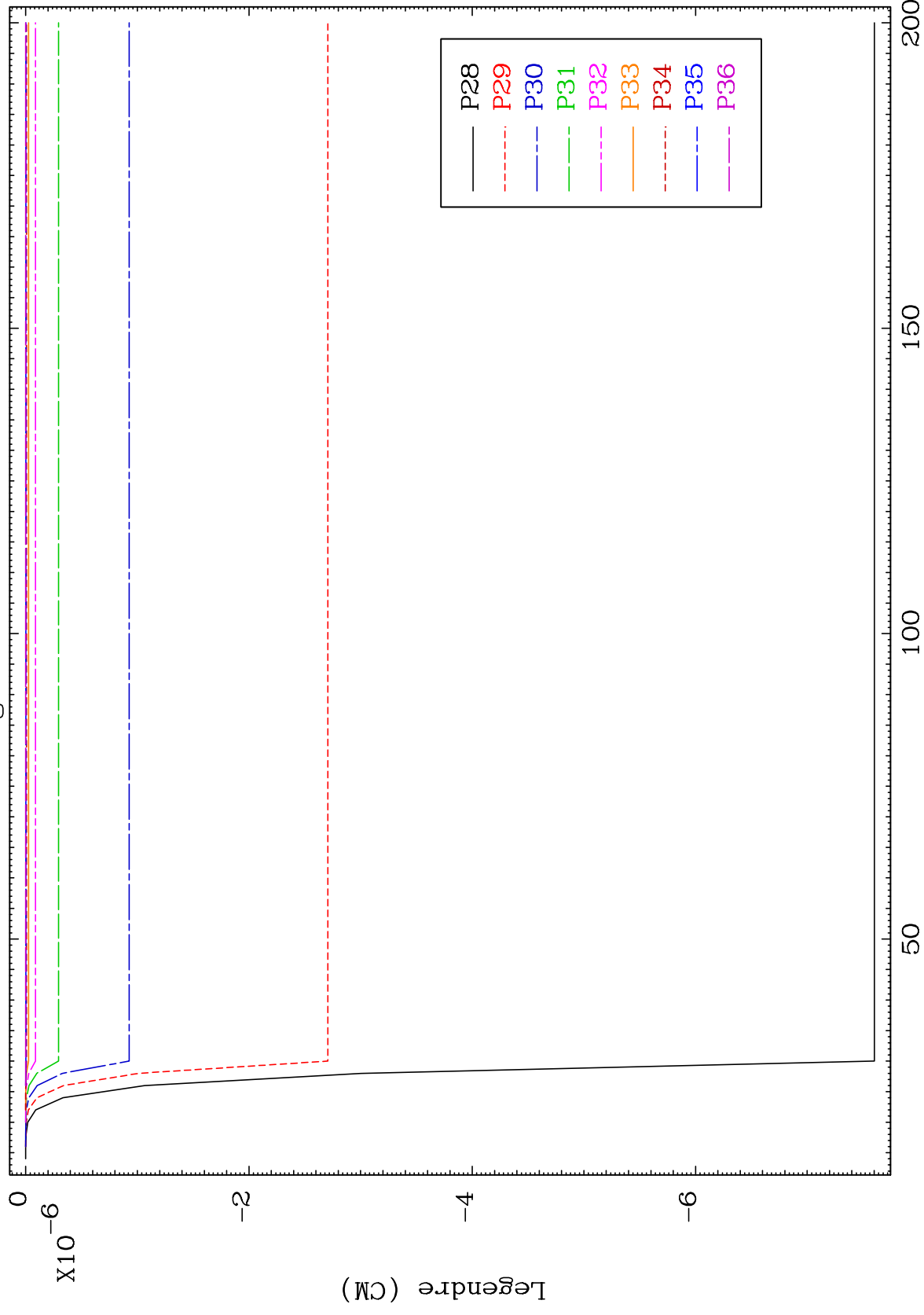
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



123

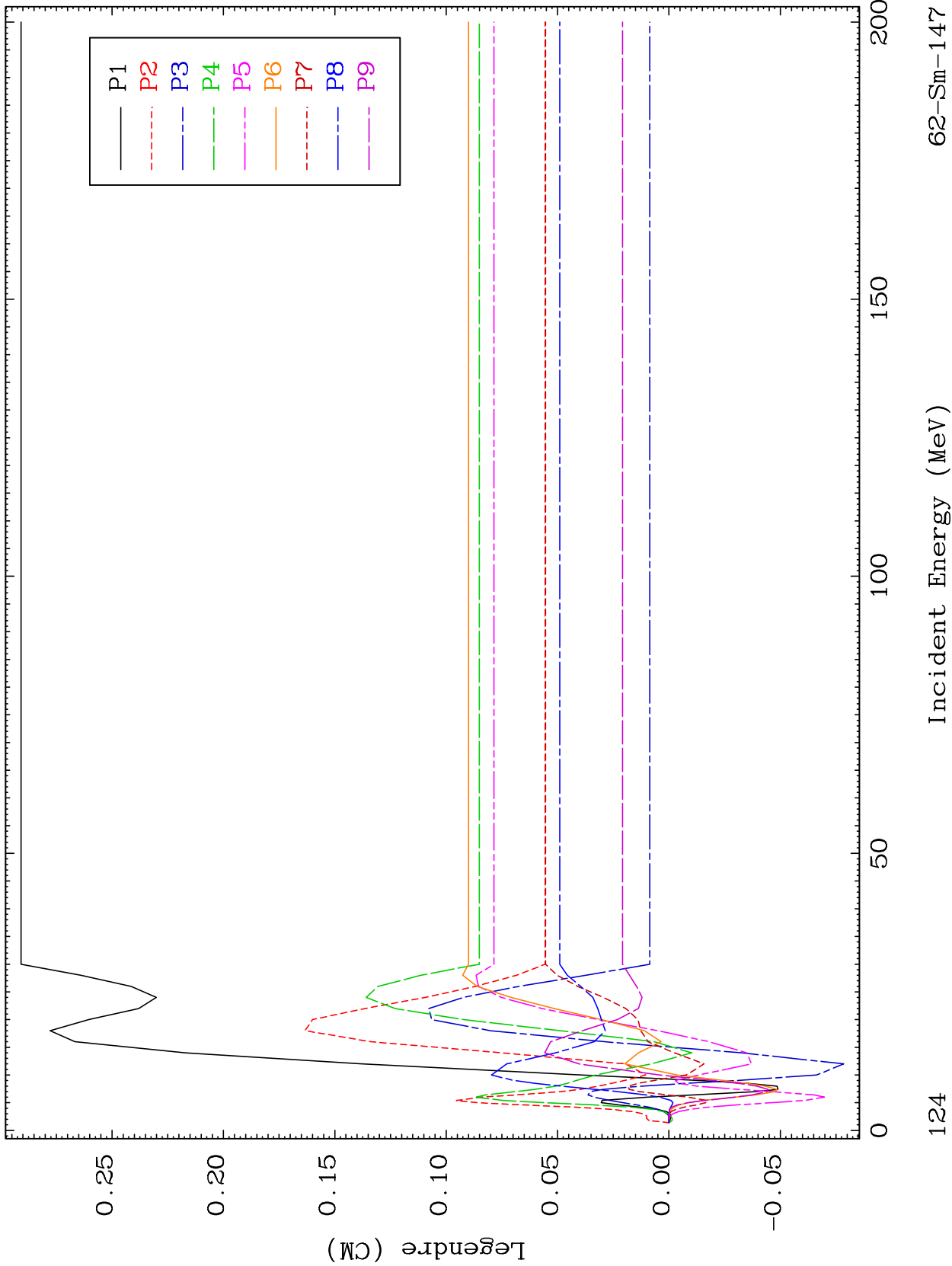
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



62-Sm-147

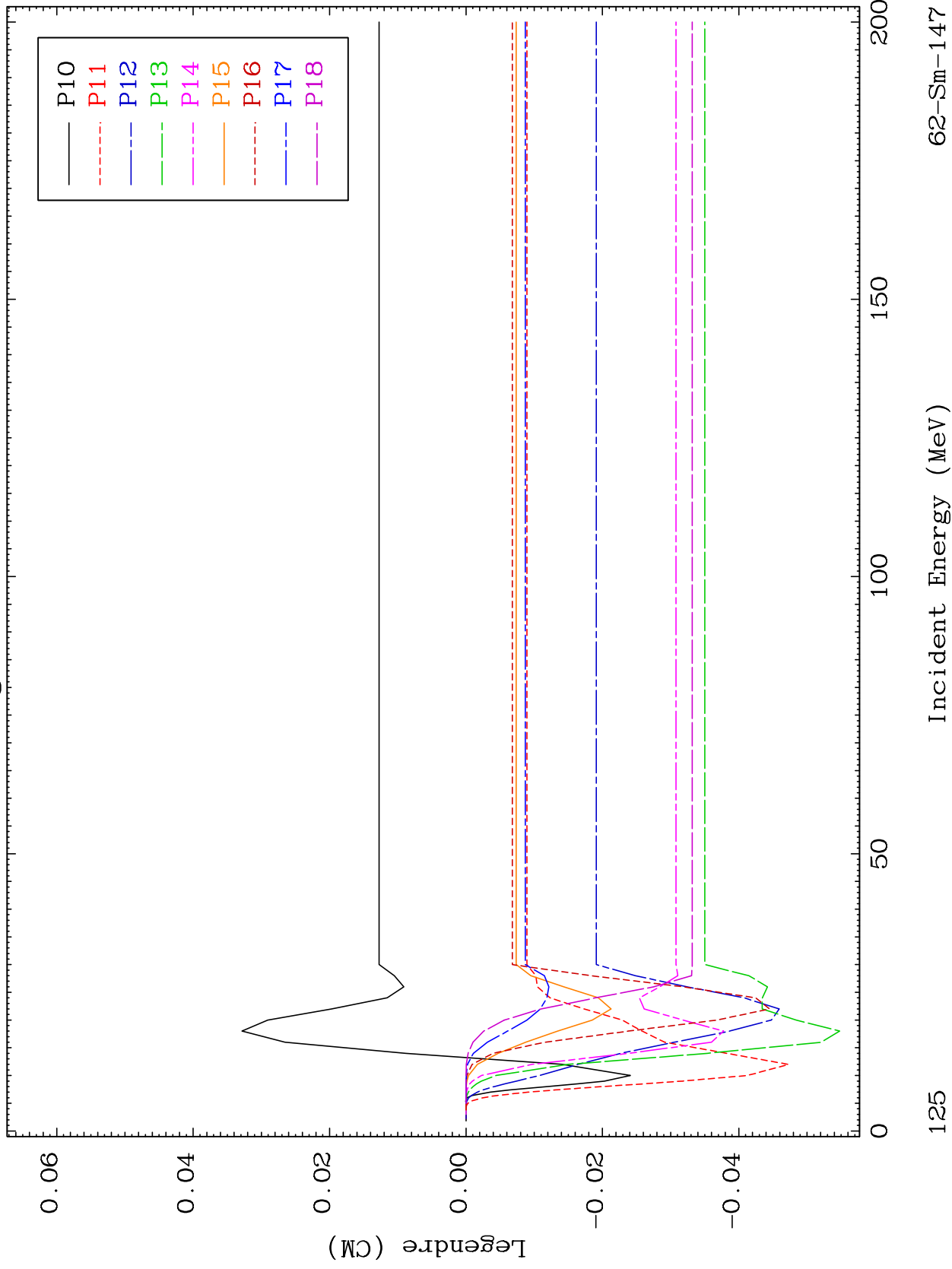
Incident Energy (MeV)

124

MAT 6234

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

62-Sm-147



62-Sm-147

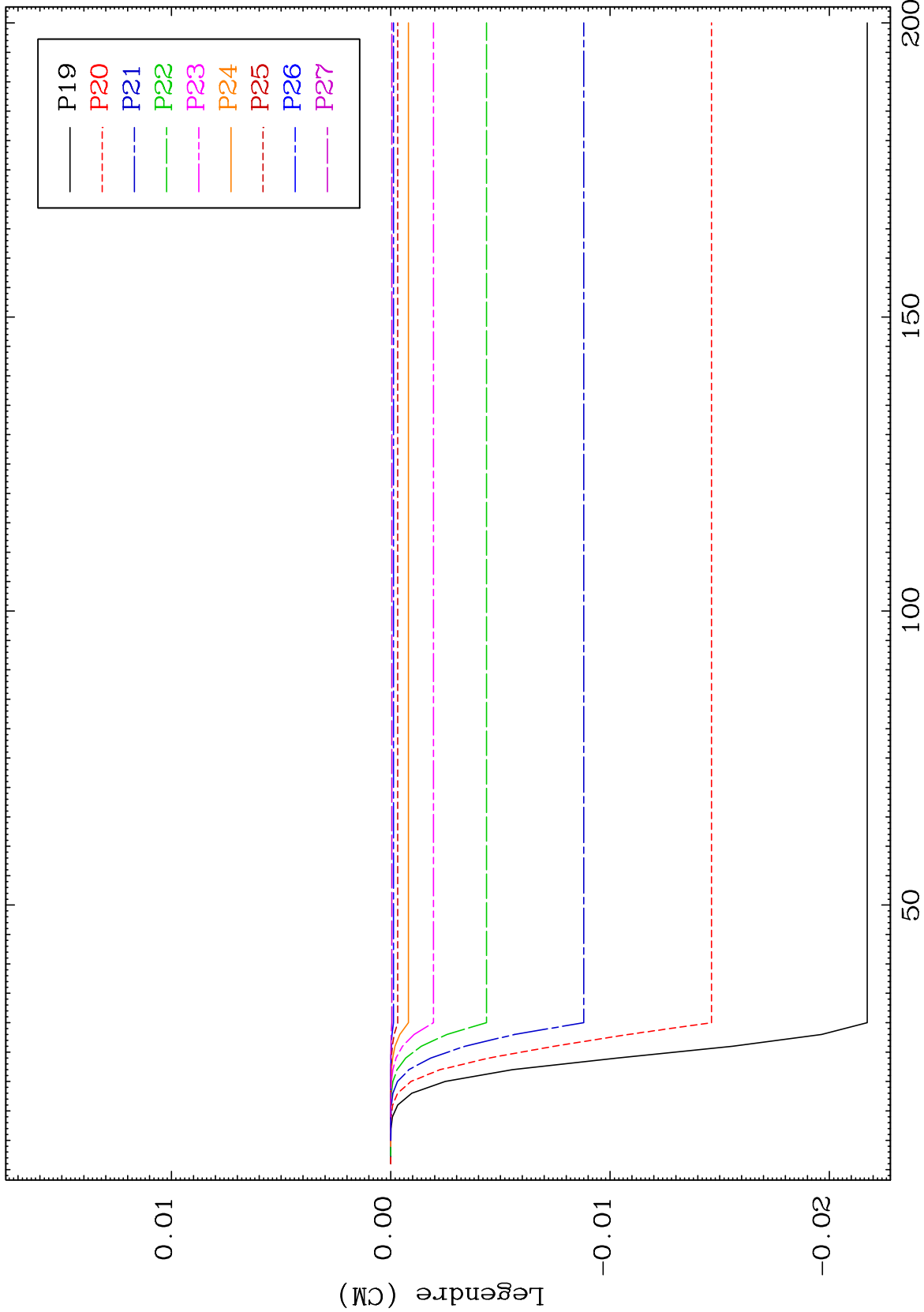
Incident Energy (MeV)

125

MAT 6234

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

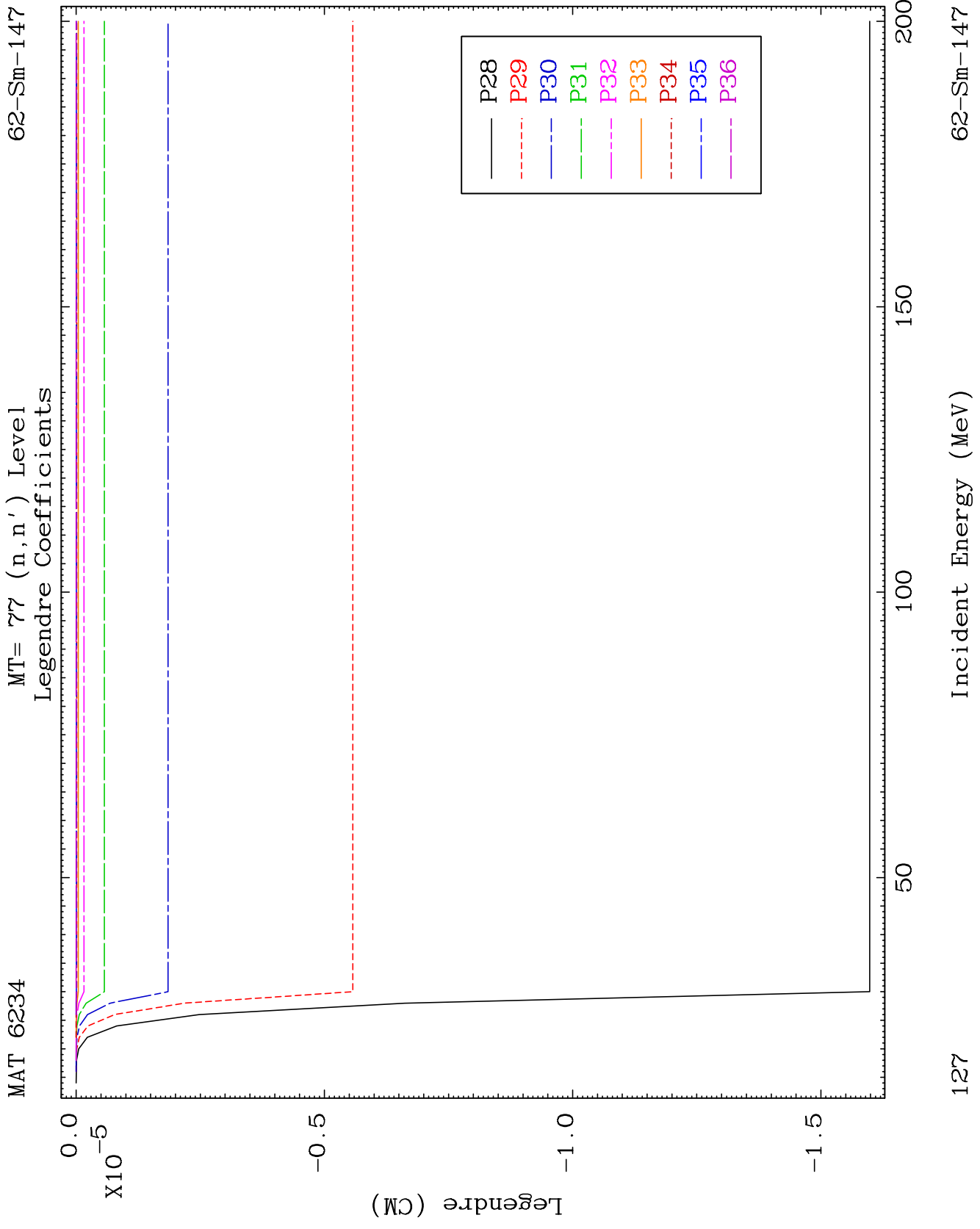
62-Sm-147



126

Incident Energy (MeV)

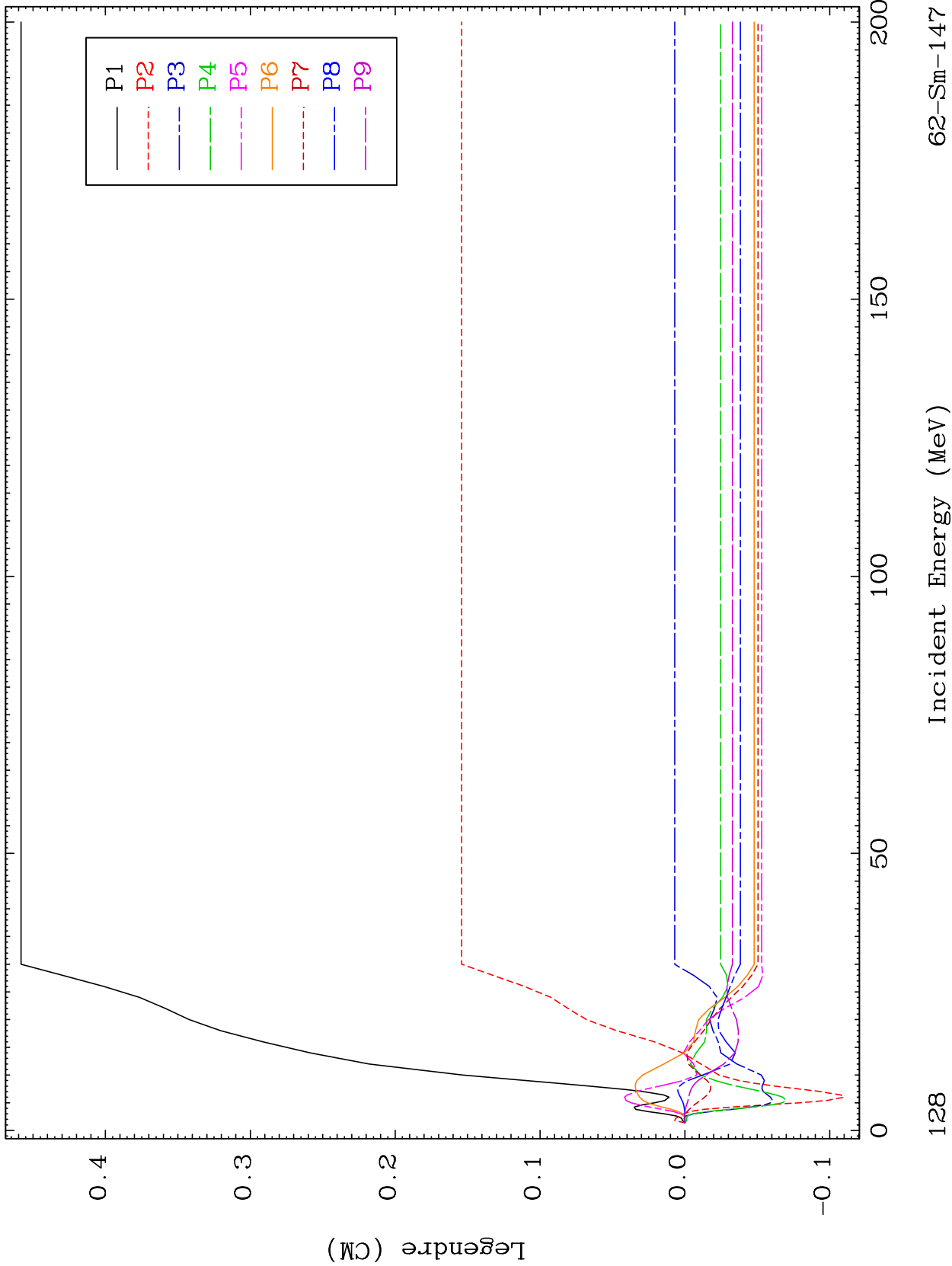
62-Sm-147



MAT 6234

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

62-Sm-147



62-Sm-147

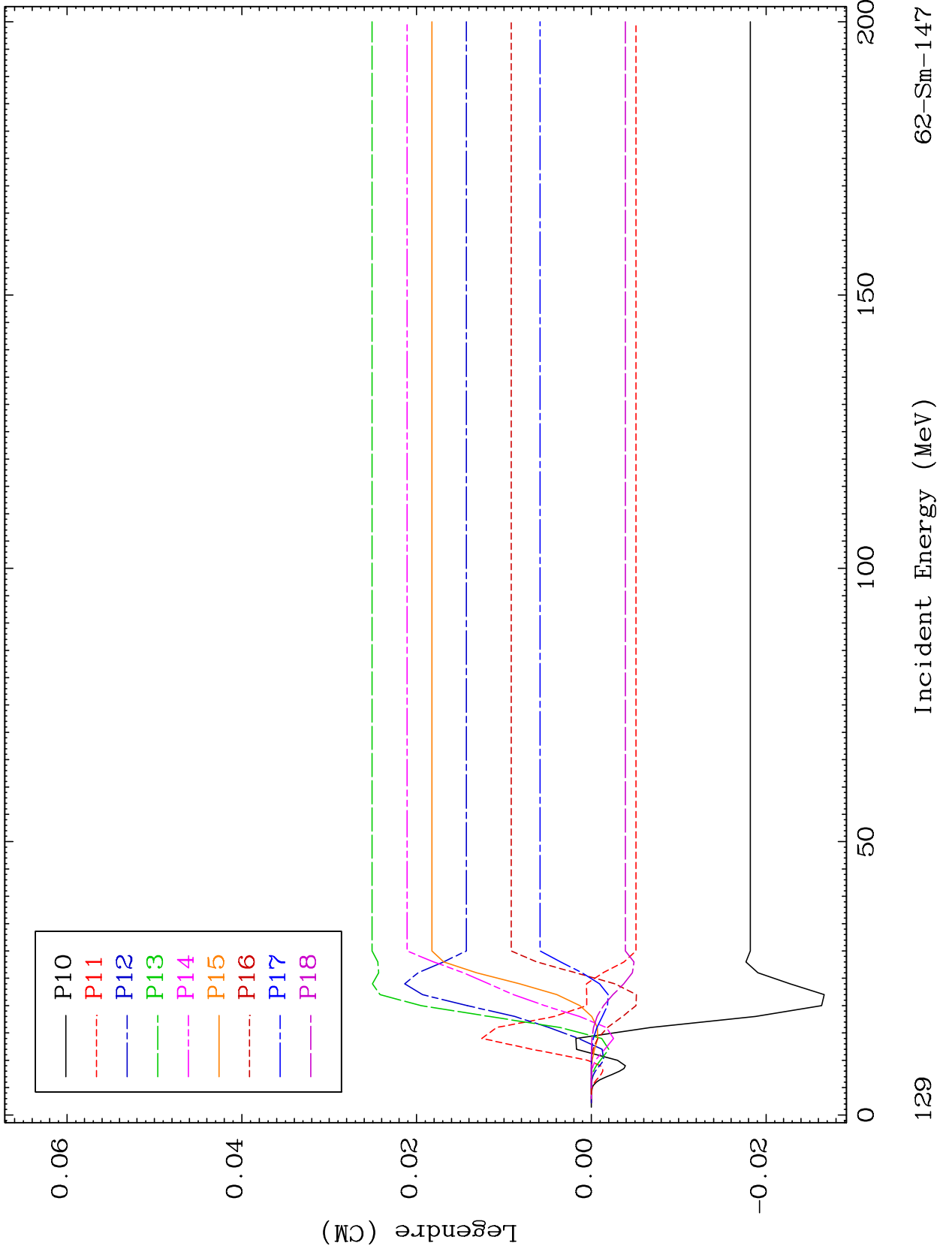
Incident Energy (MeV)

128

MAT 6234

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

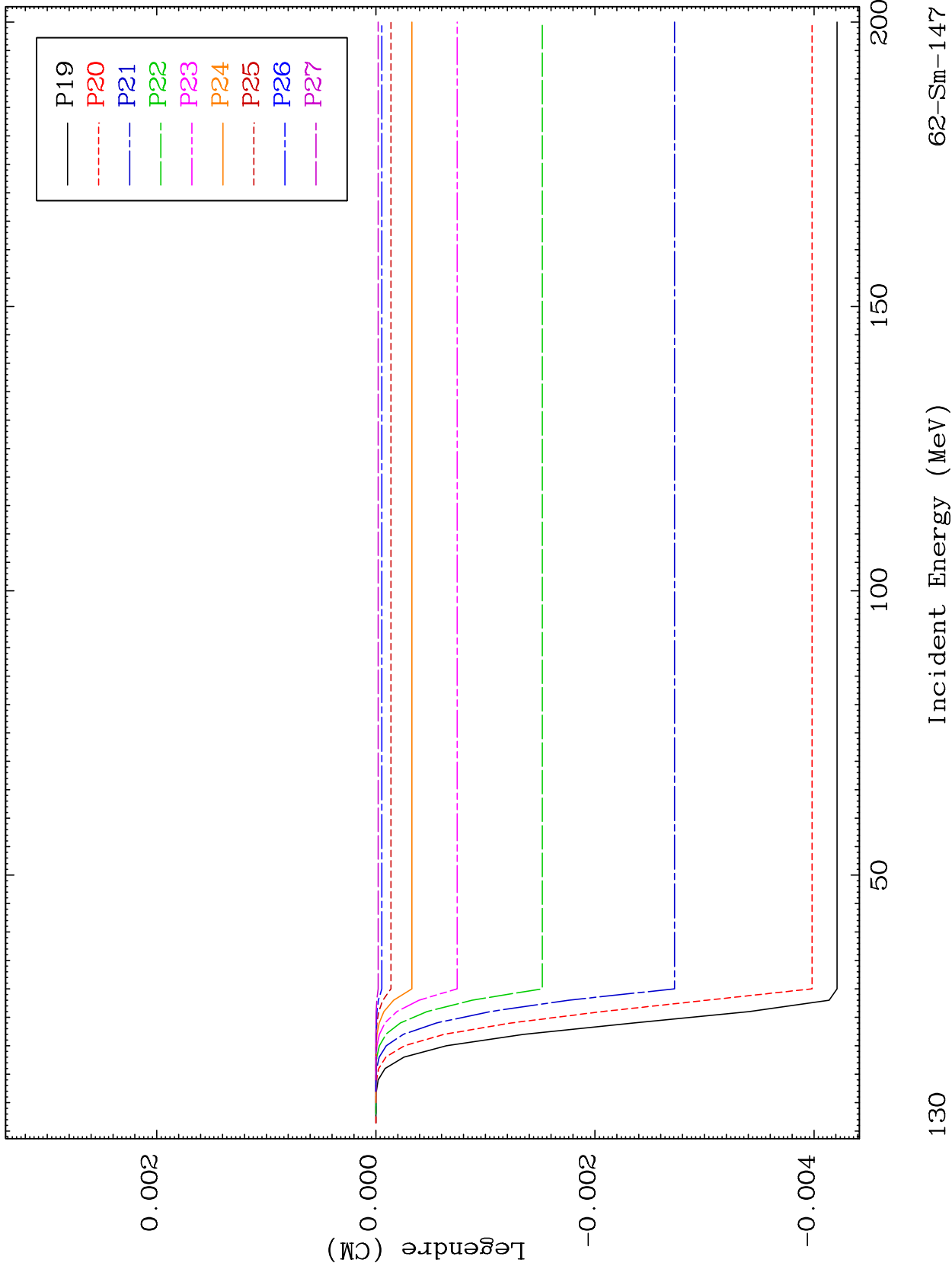
62-Sm-147



MAT 6234

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

62-Sm-147



130

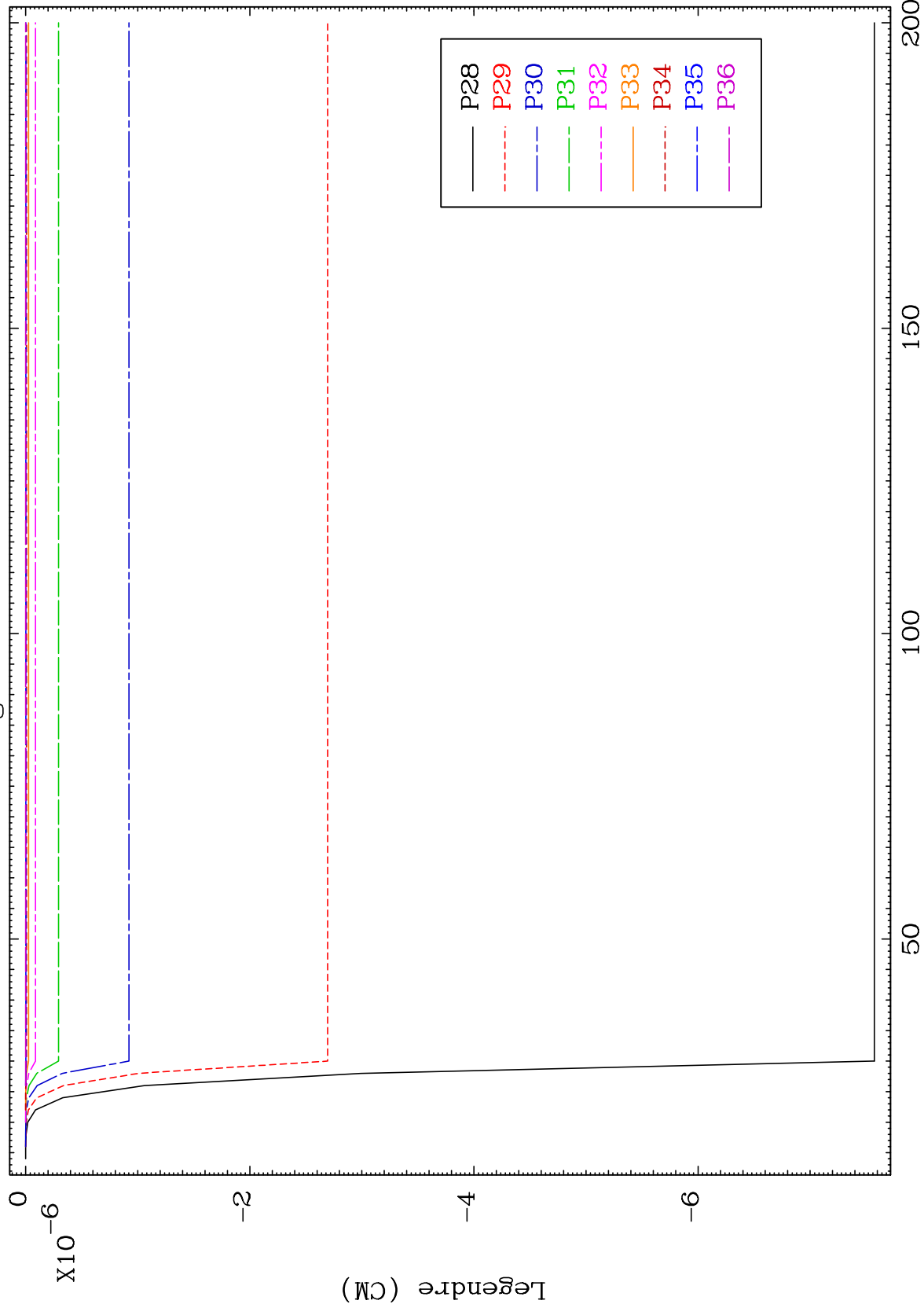
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



131

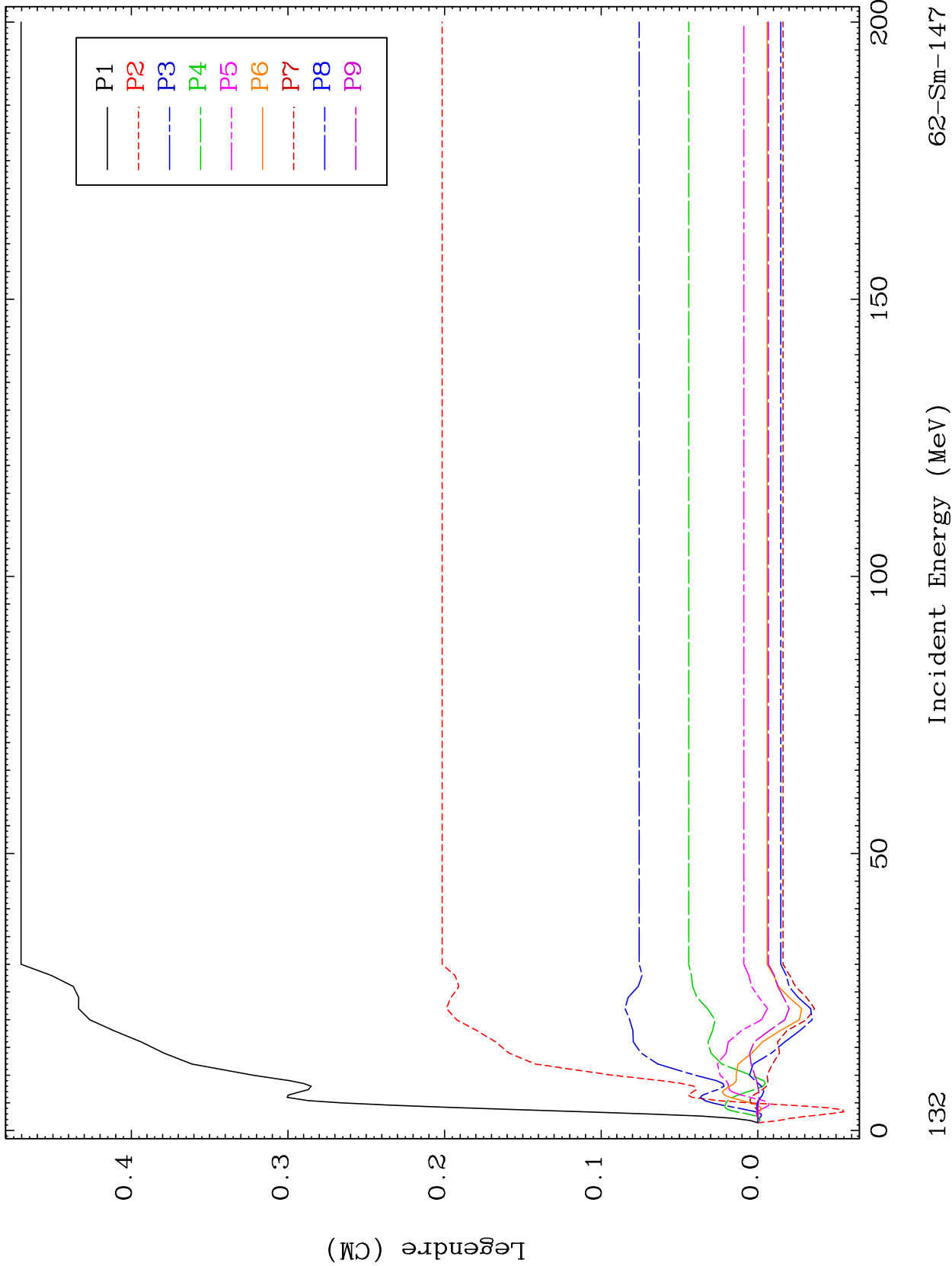
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147

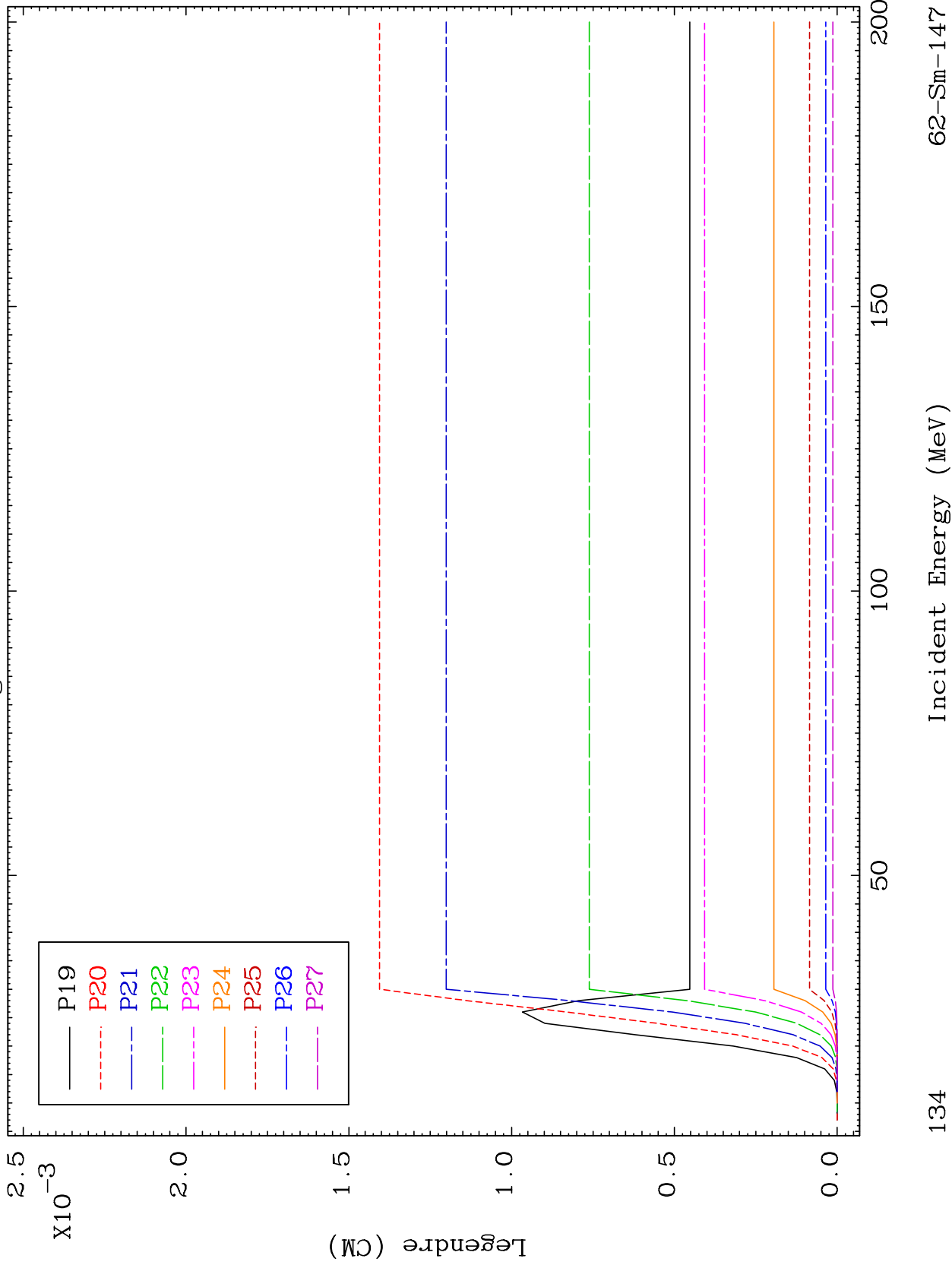


132

MAT 6234

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

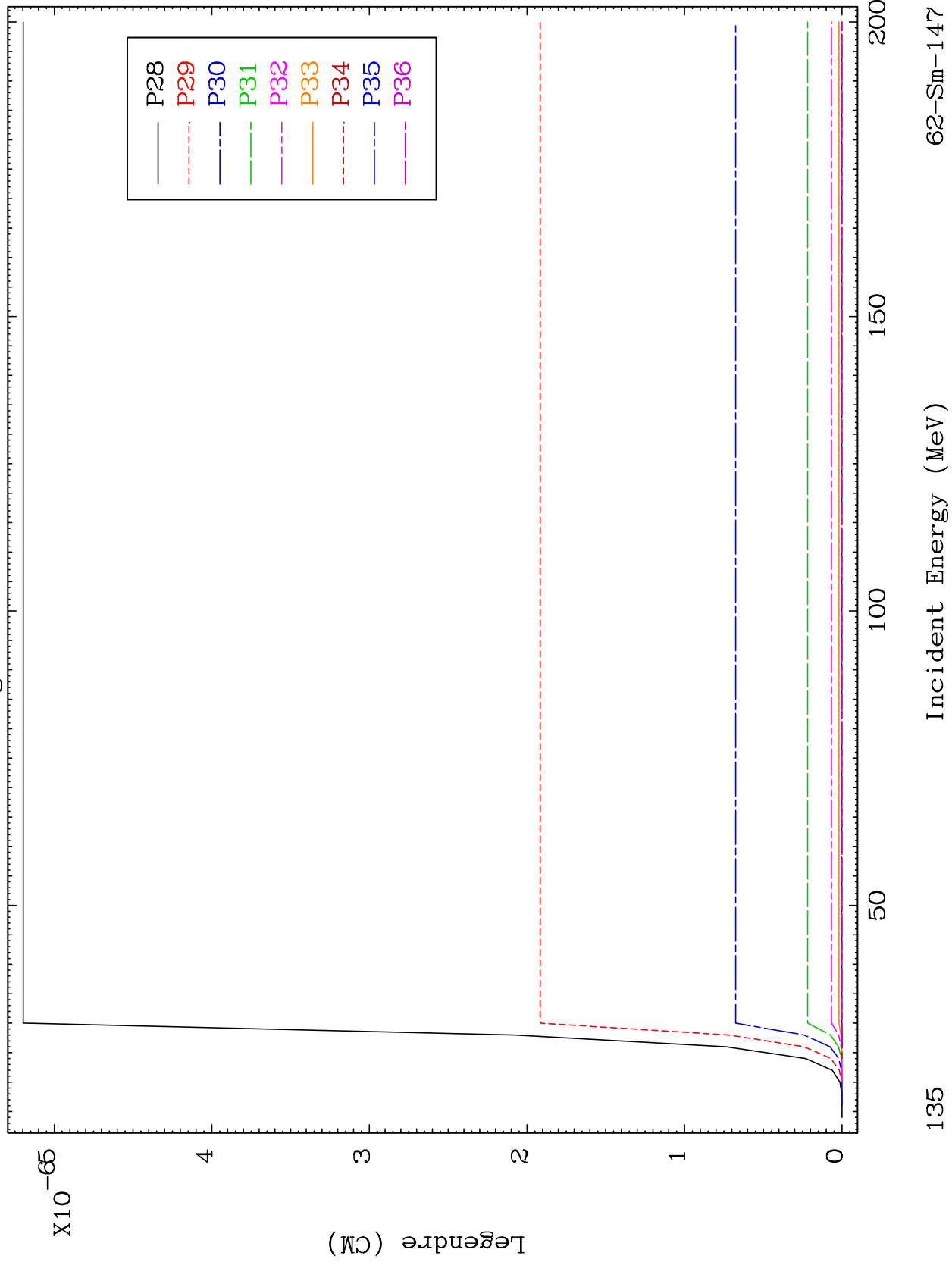
62-Sm-147



MAT 6234

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

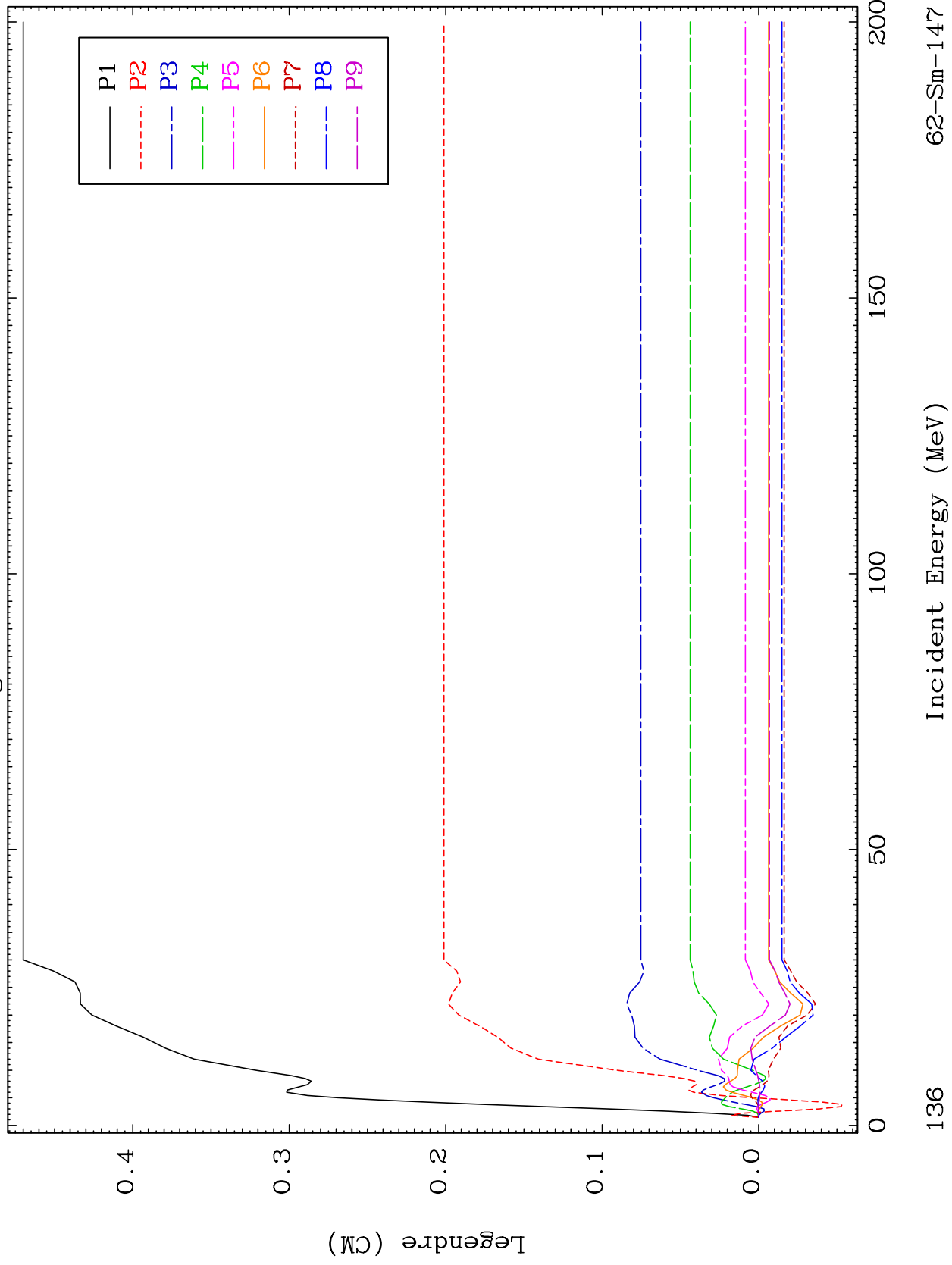
62-Sm-147



MAT 6234

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

62-Sm-147

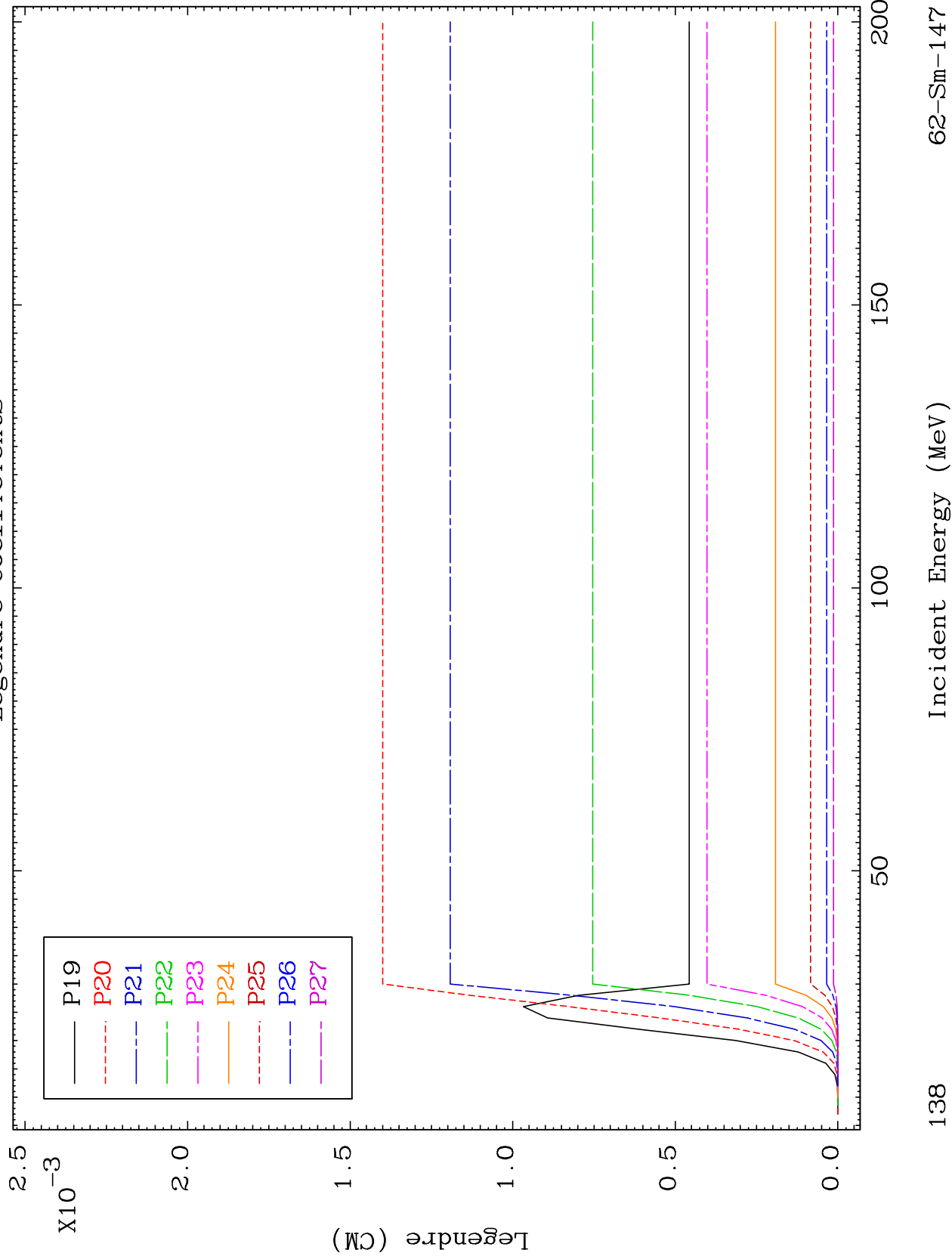


62-Sm-147

MAT 6234

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

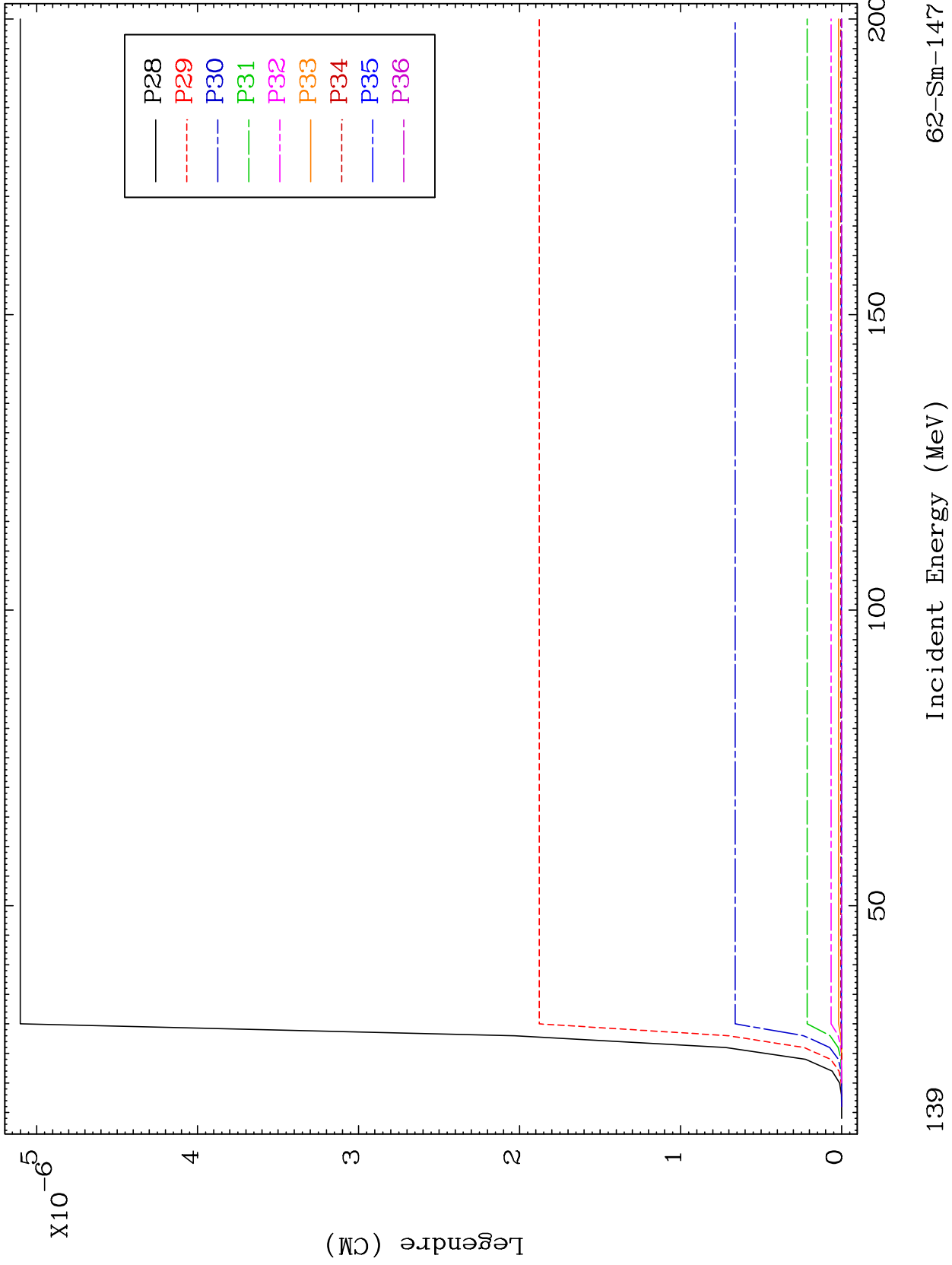
62-Sm-147



MAT 6234

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

62-Sm-147

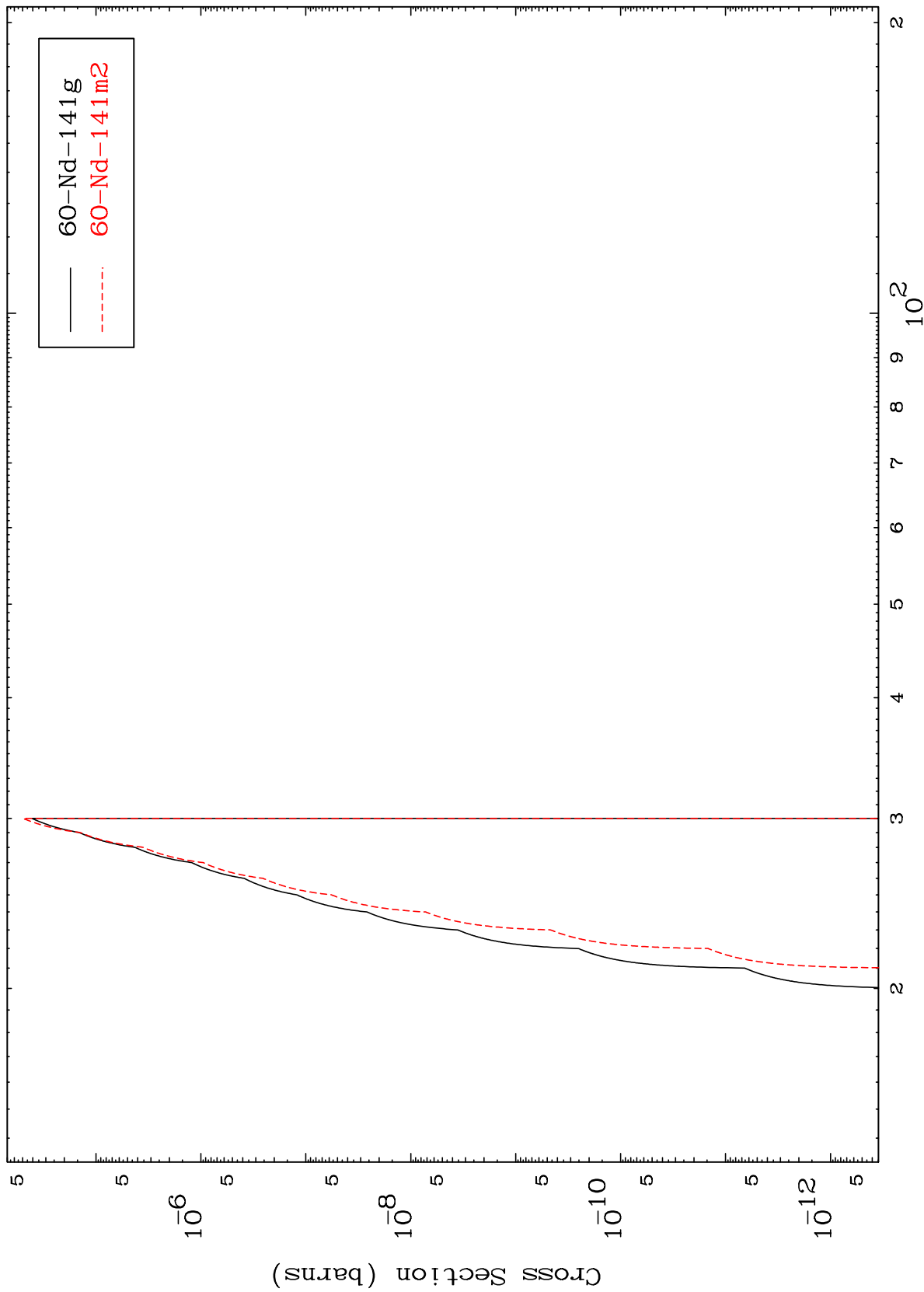


MAT 6234

$(n,3n) \alpha$

62-Sm-147

Radionuclide Production Cross Section



140

Incident Energy (MeV)

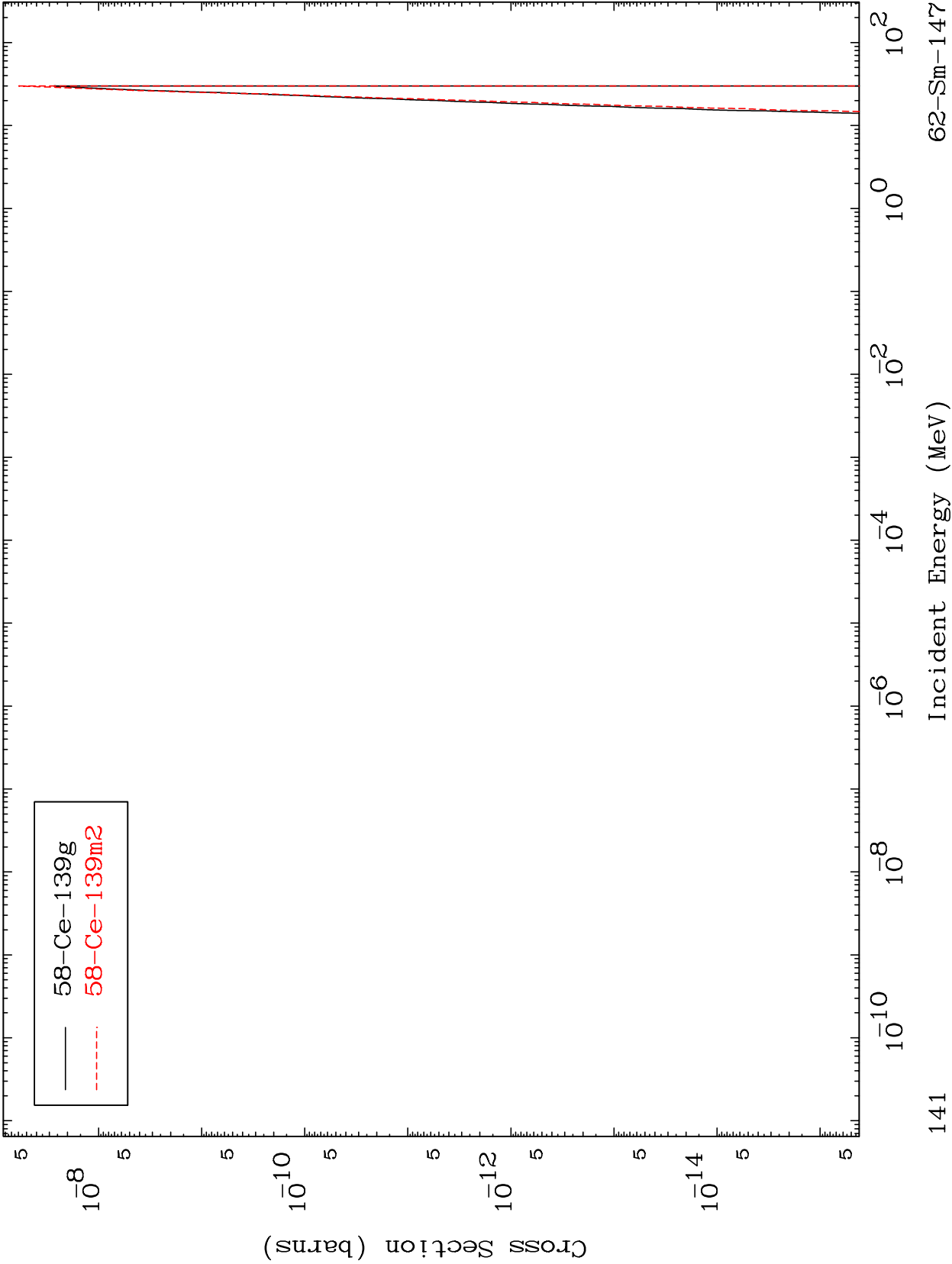
62-Sm-147

MAT 6234

(n,n') 2 α

62-Sm-147

Radionuclide Production Cross Section



141

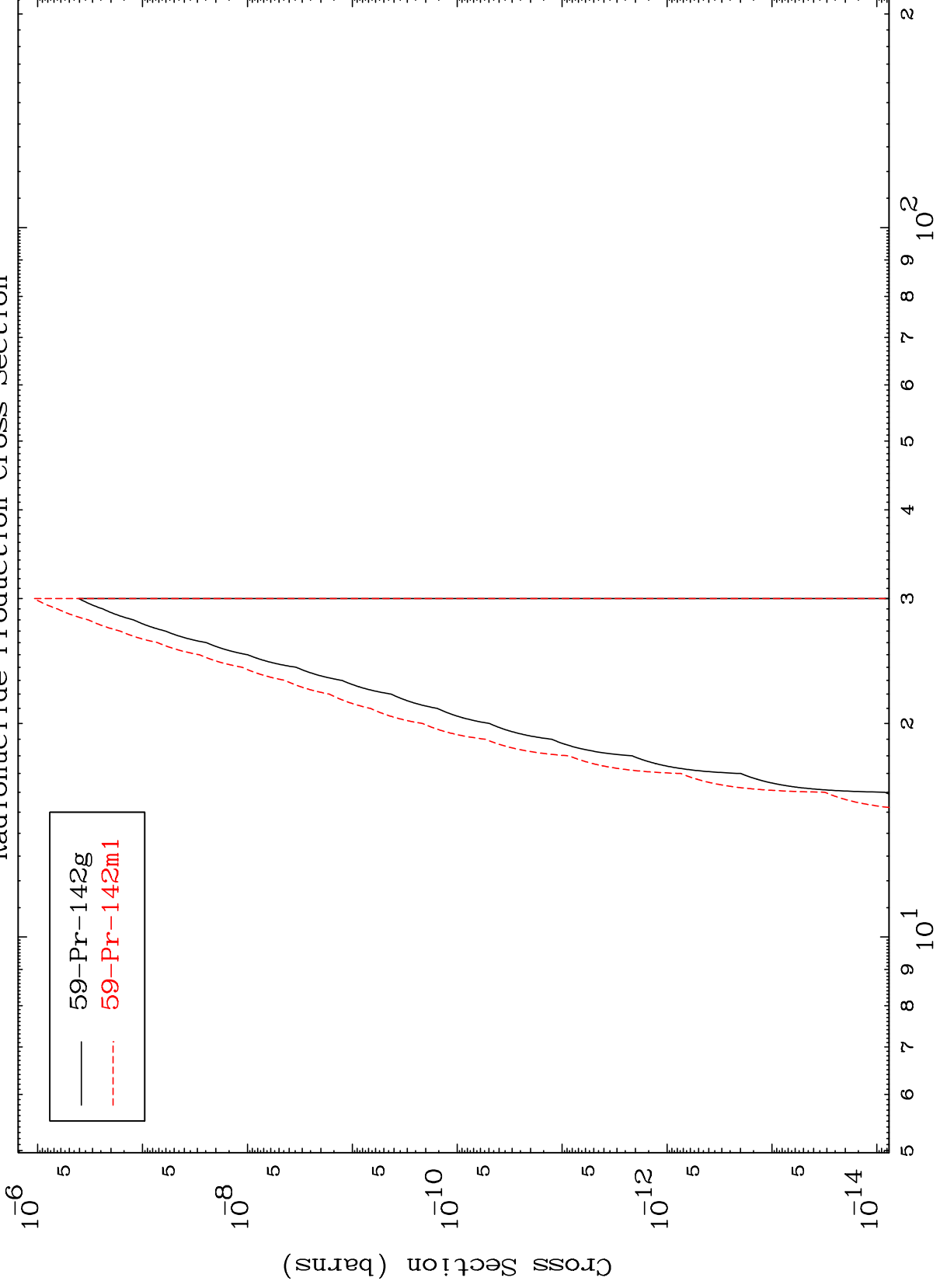
Incident Energy (MeV)

62-Sm-147

MAT 6234

62-Sm-147

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



142

Incident Energy (MeV)

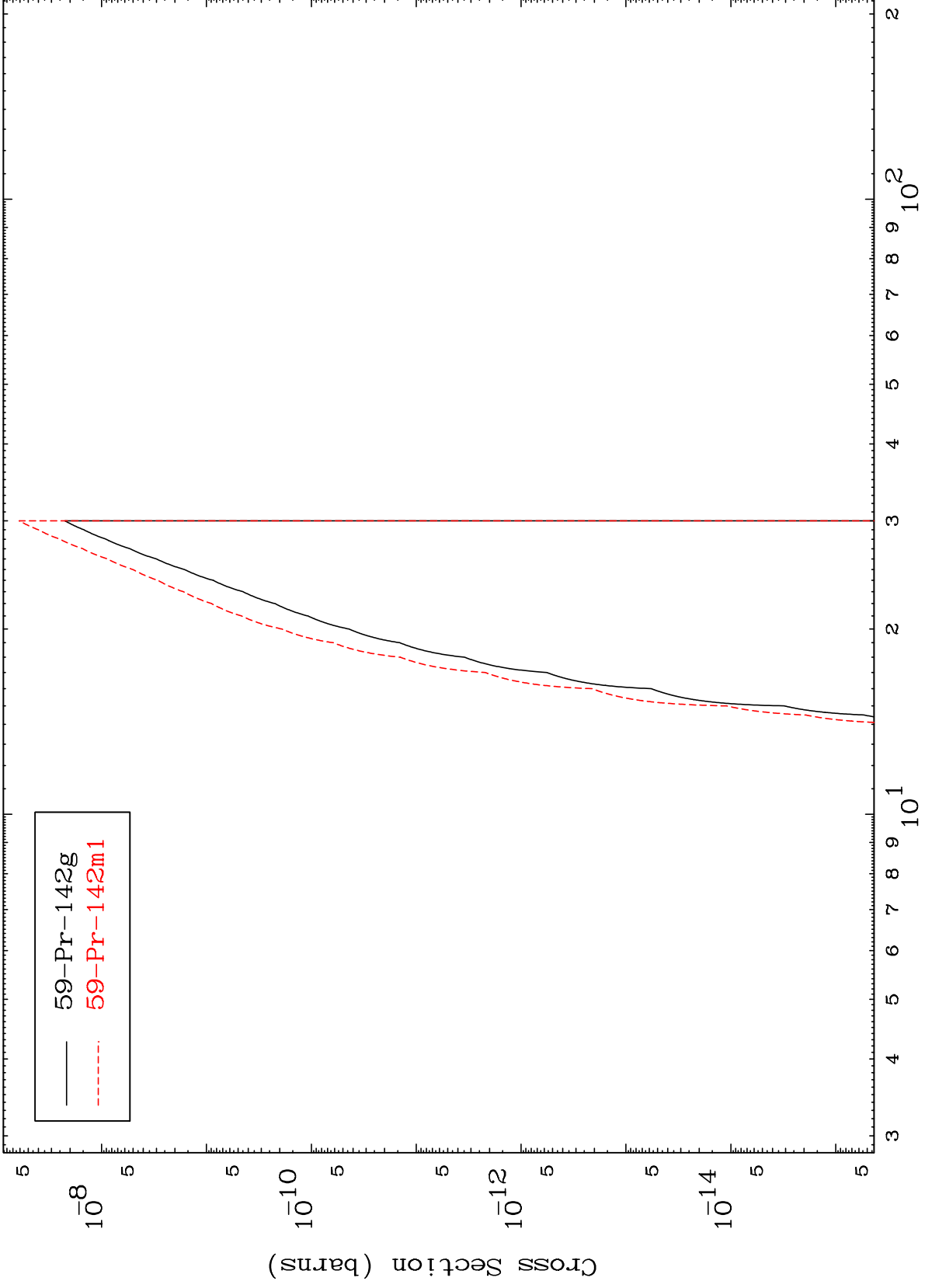
62-Sm-147

MAT 6234

(n,d) α

62-Sm-147

Radionuclide Production Cross Section



143

Incident Energy (MeV)

62-Sm-147