

Program EVALPLOT
(Version 2017-1)

by

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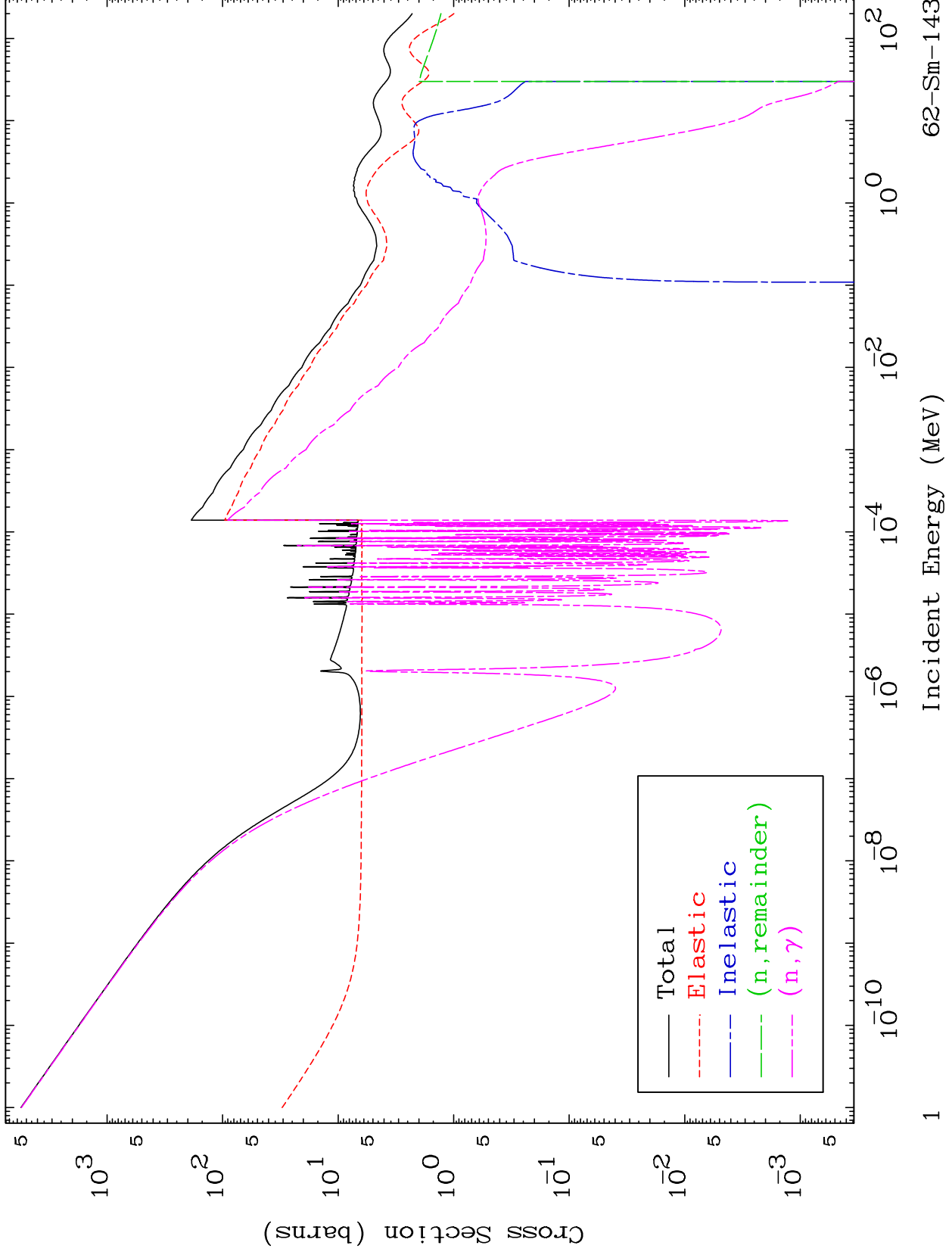
Press Mouse Button to Start

MAT 6222

Major

293 Kelvin Cross Sections

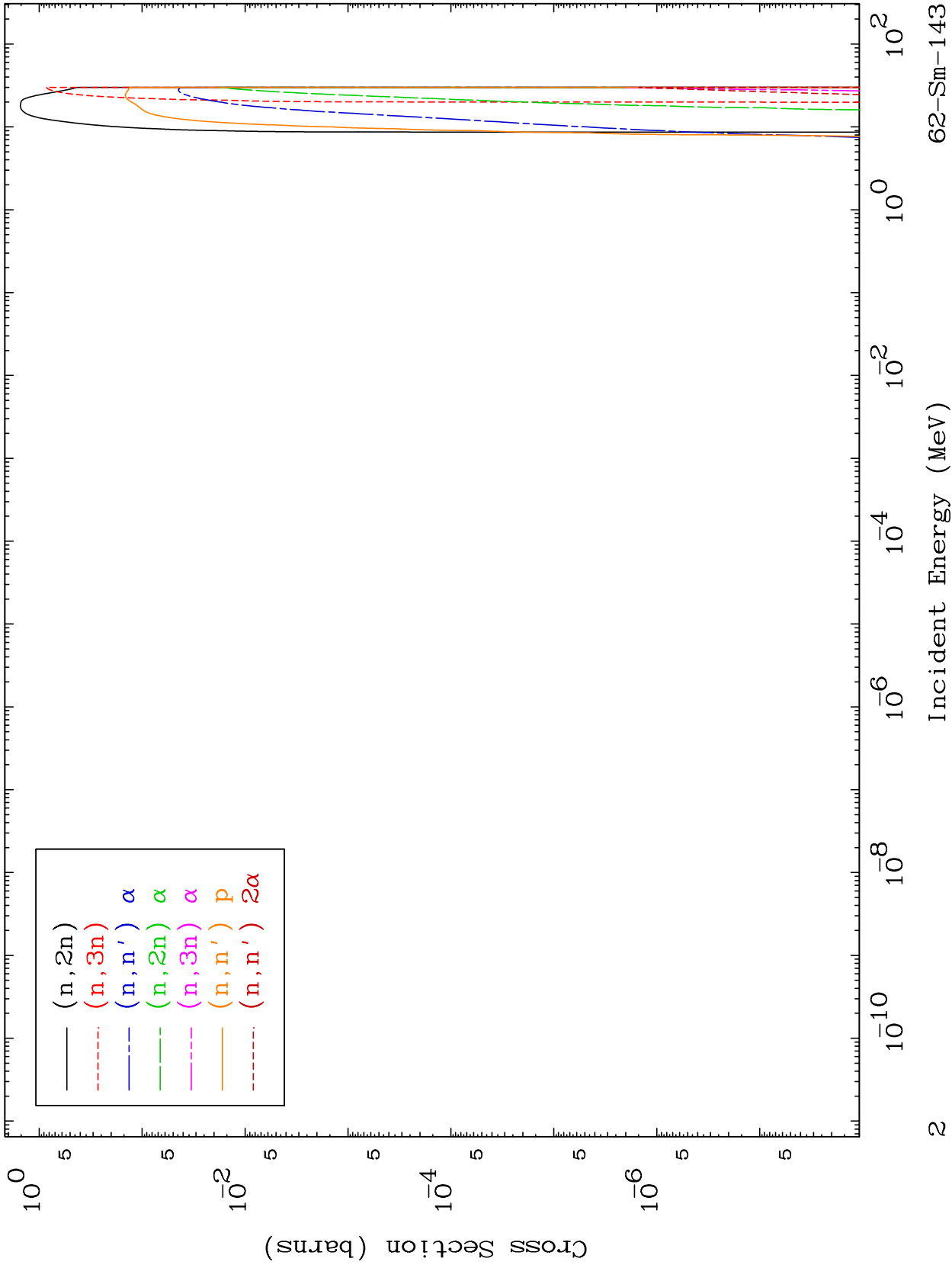
62-Sm-143



MAT 6222

Neutron Production
293 Kelvin Cross Sections

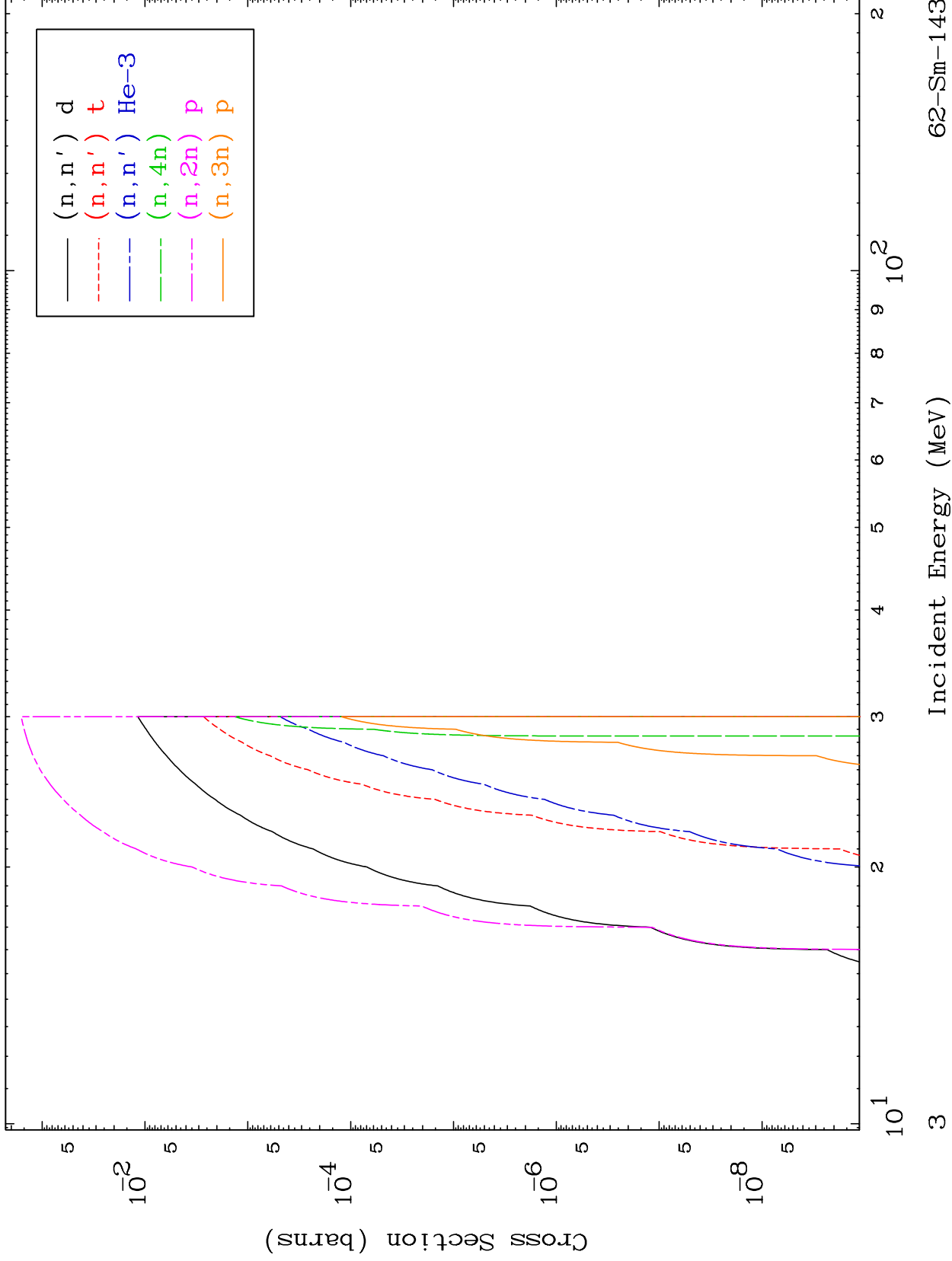
62-Sm-143



MAT 6222

Neutron Production
293 Kelvin Cross Sections

62-Sm-143



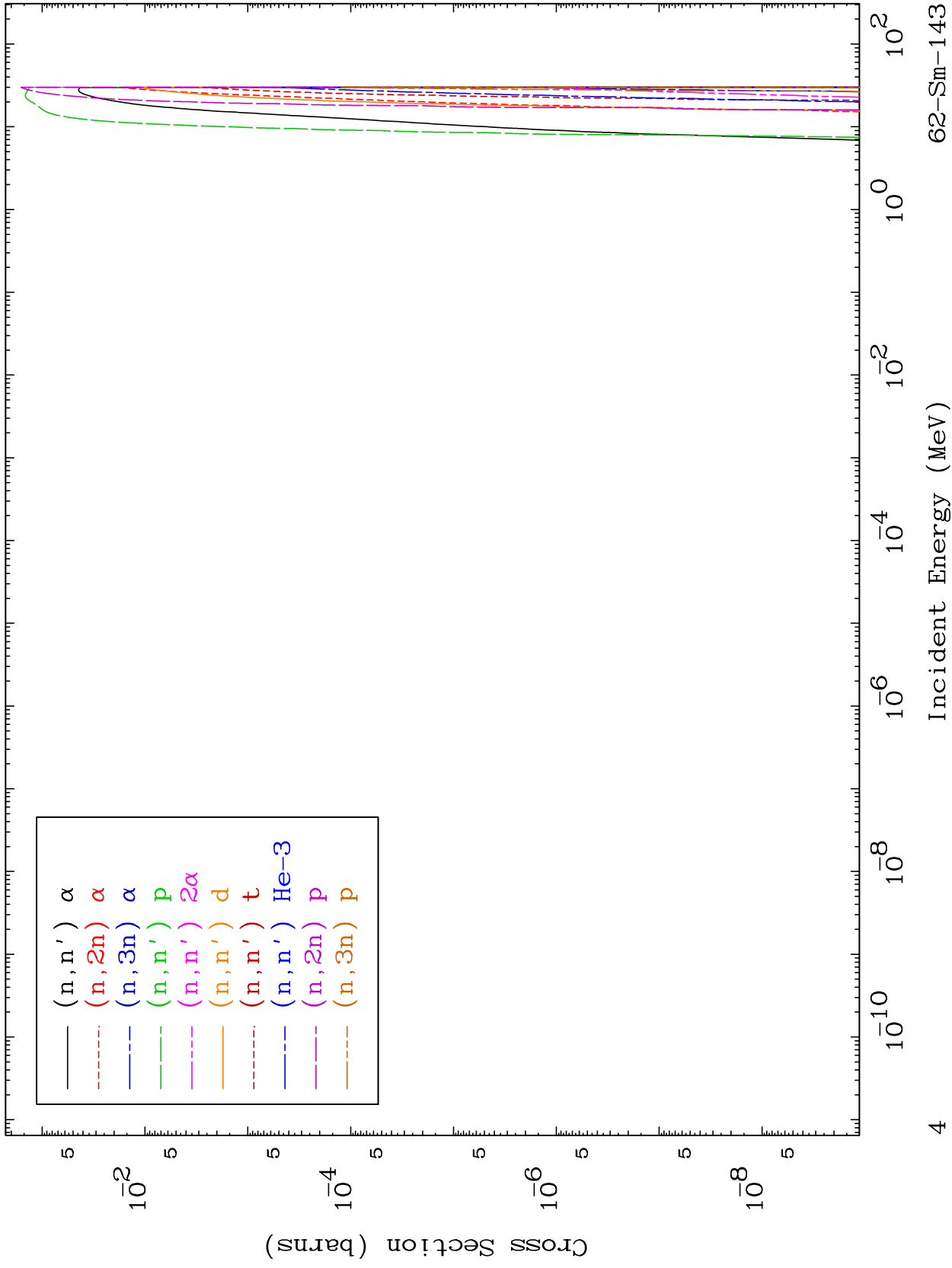
62-Sm-143

Incident Energy (MeV)

MAT 6222

Charged Particle
293 Kelvin Cross Sections

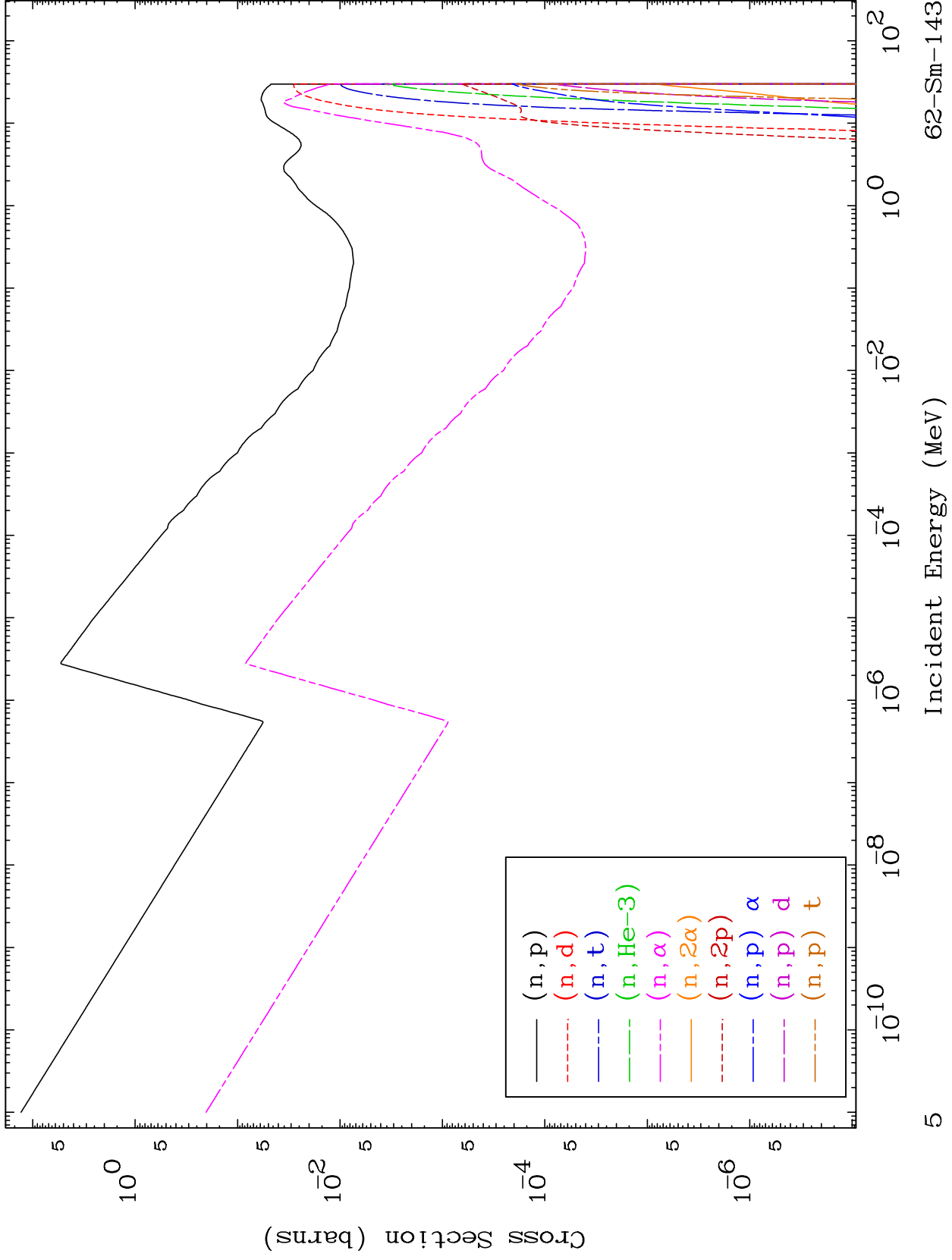
62-Sm-143



MAT 6222

Charged Particle
293 Kelvin Cross Sections

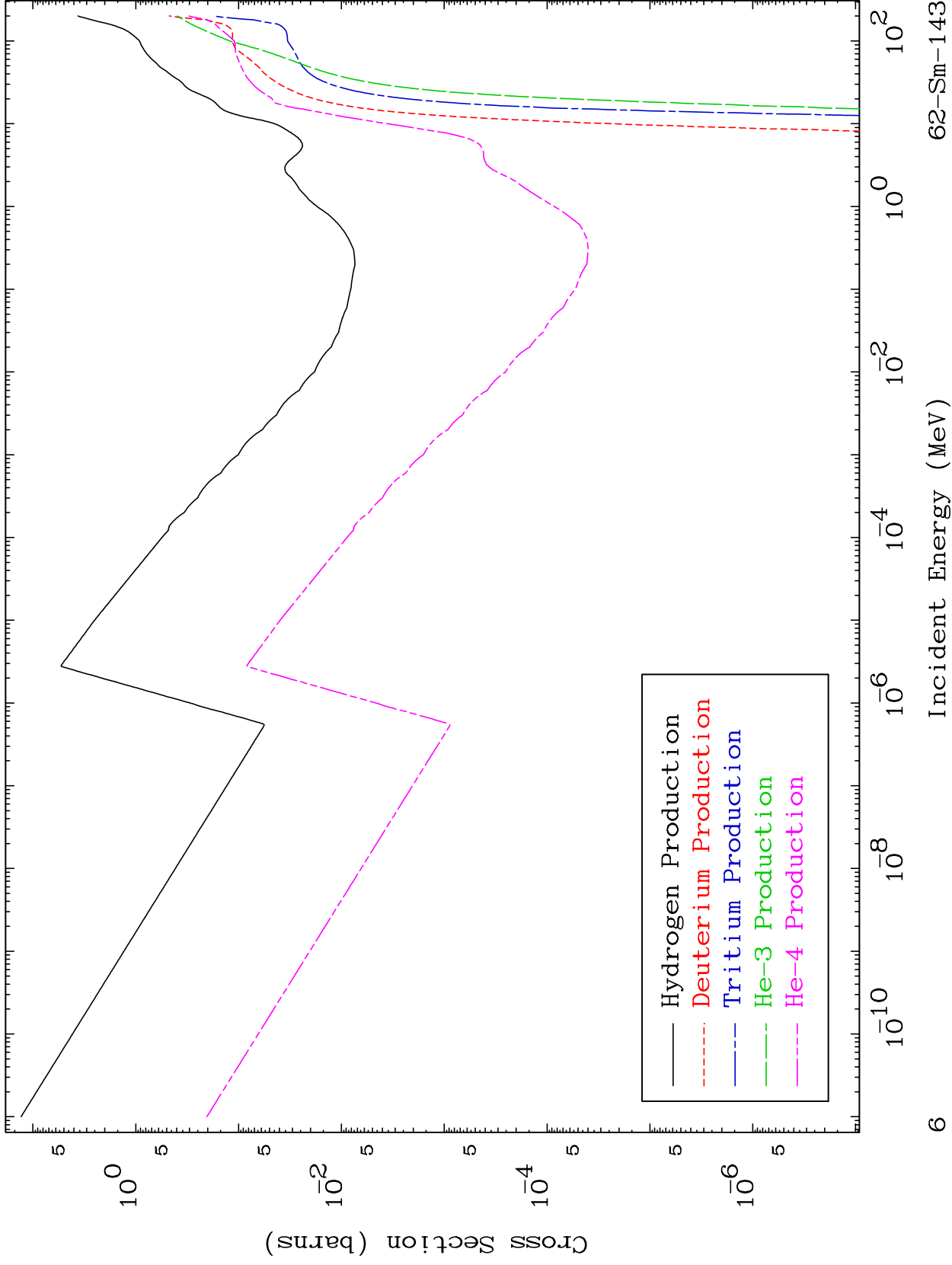
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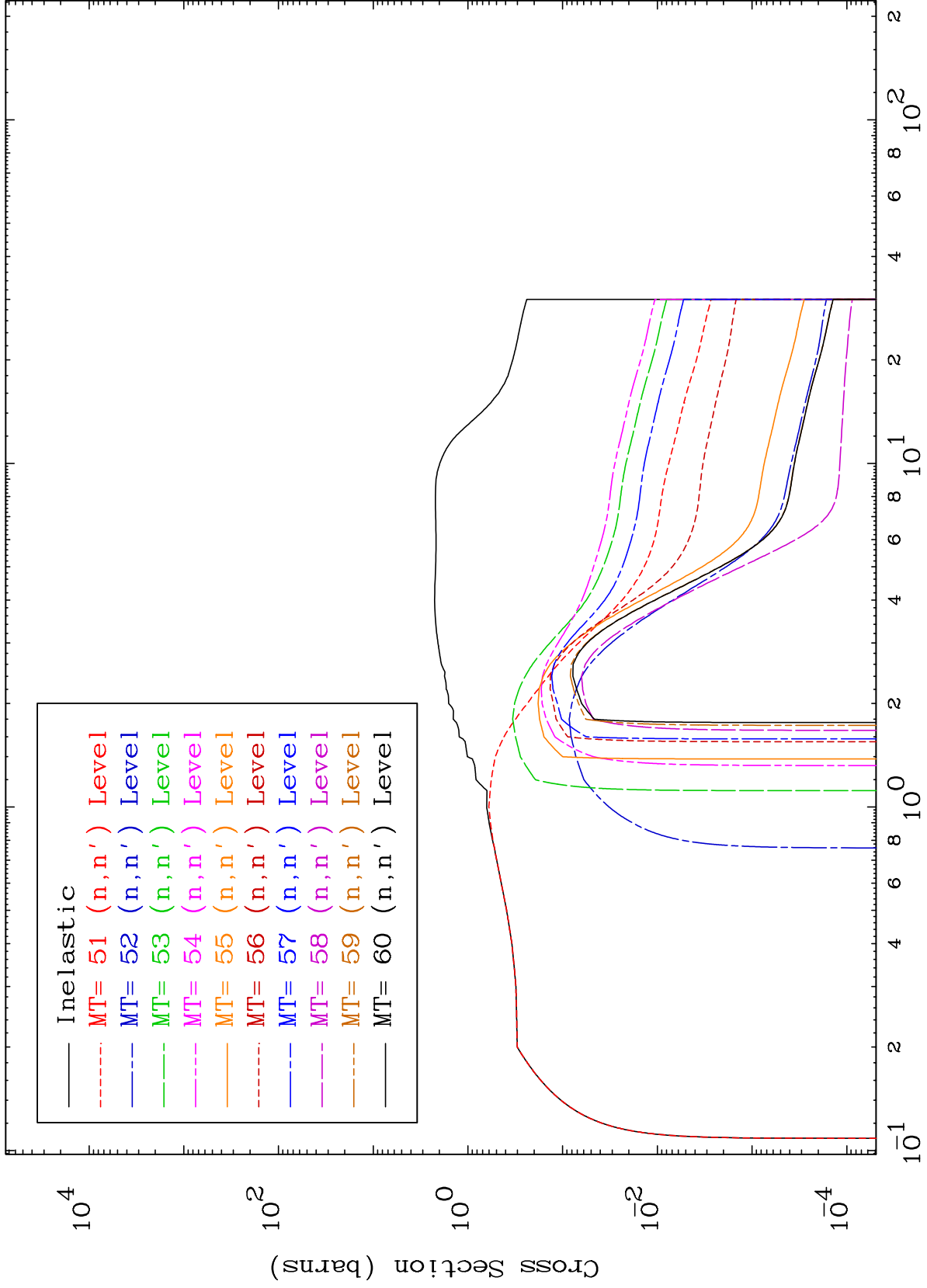


MAT 6222

Particle Production
293 Kelvin Cross Sections

62-Sm-143



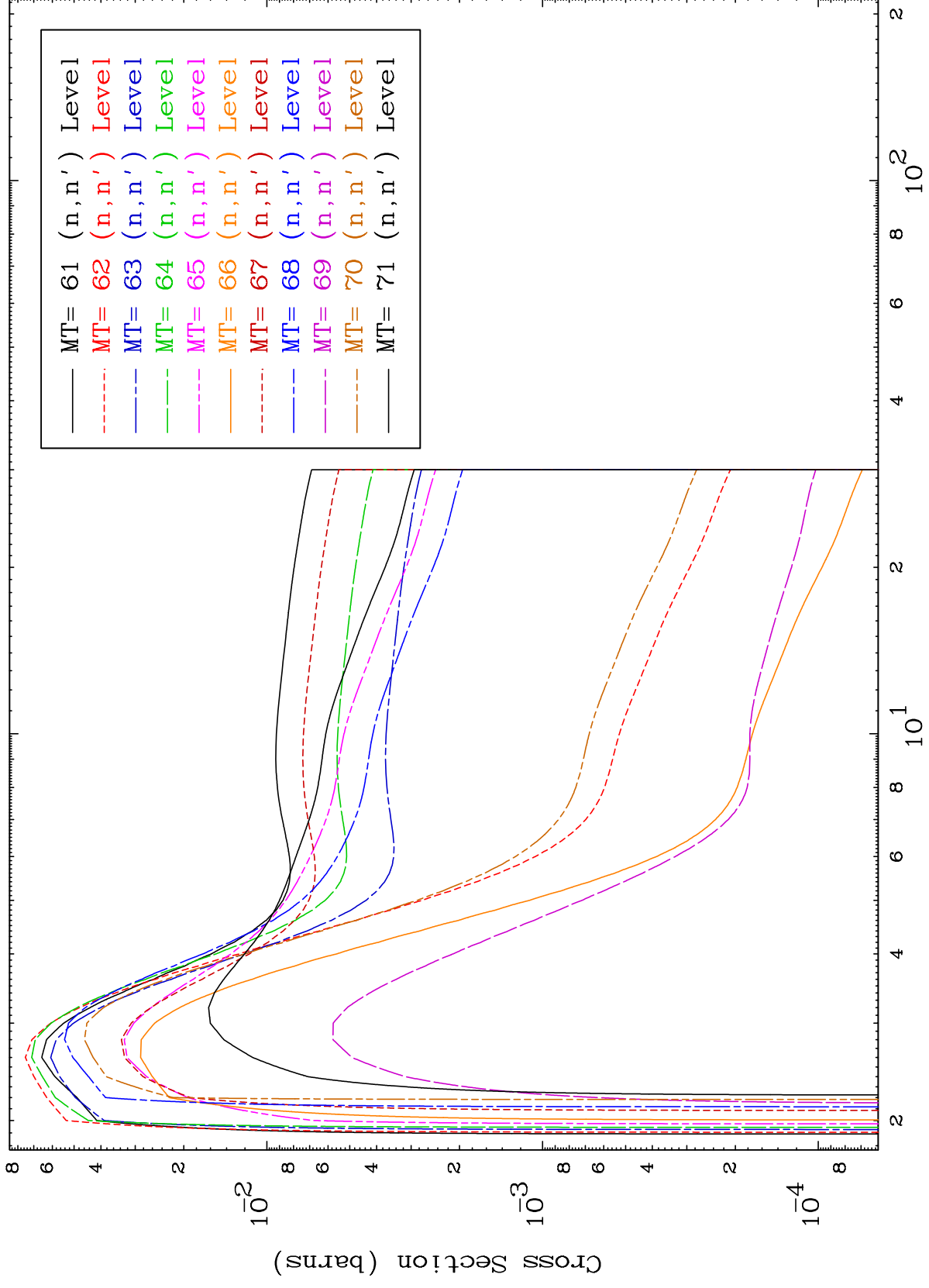


MAT 6222

(n,n') Level

62-Sm-143

293 Kelvin Cross Sections

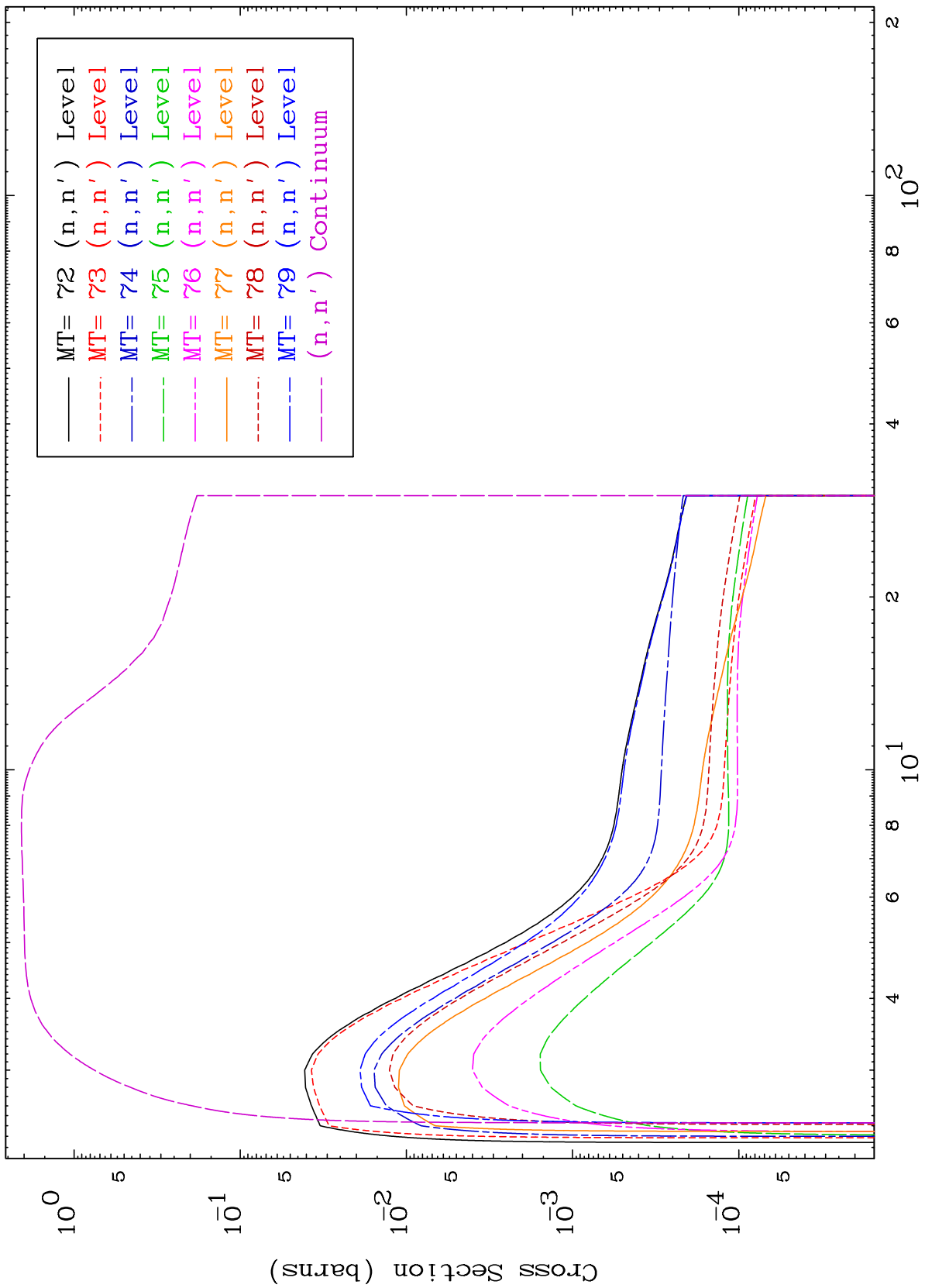


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Incident Energy (MeV)

62-Sm-143

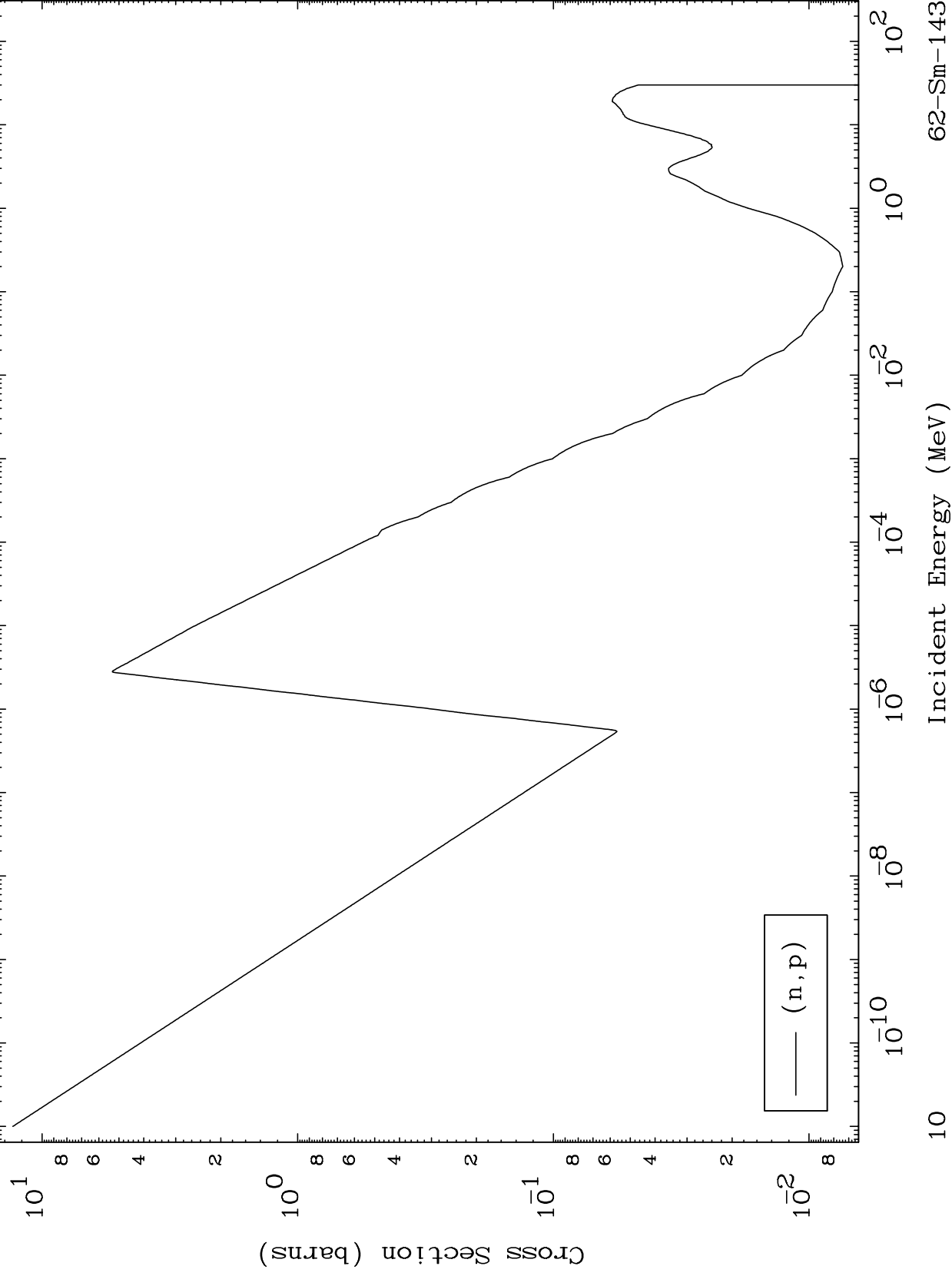
293 Kelvin Cross Sections



MAT 6222

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-143



10

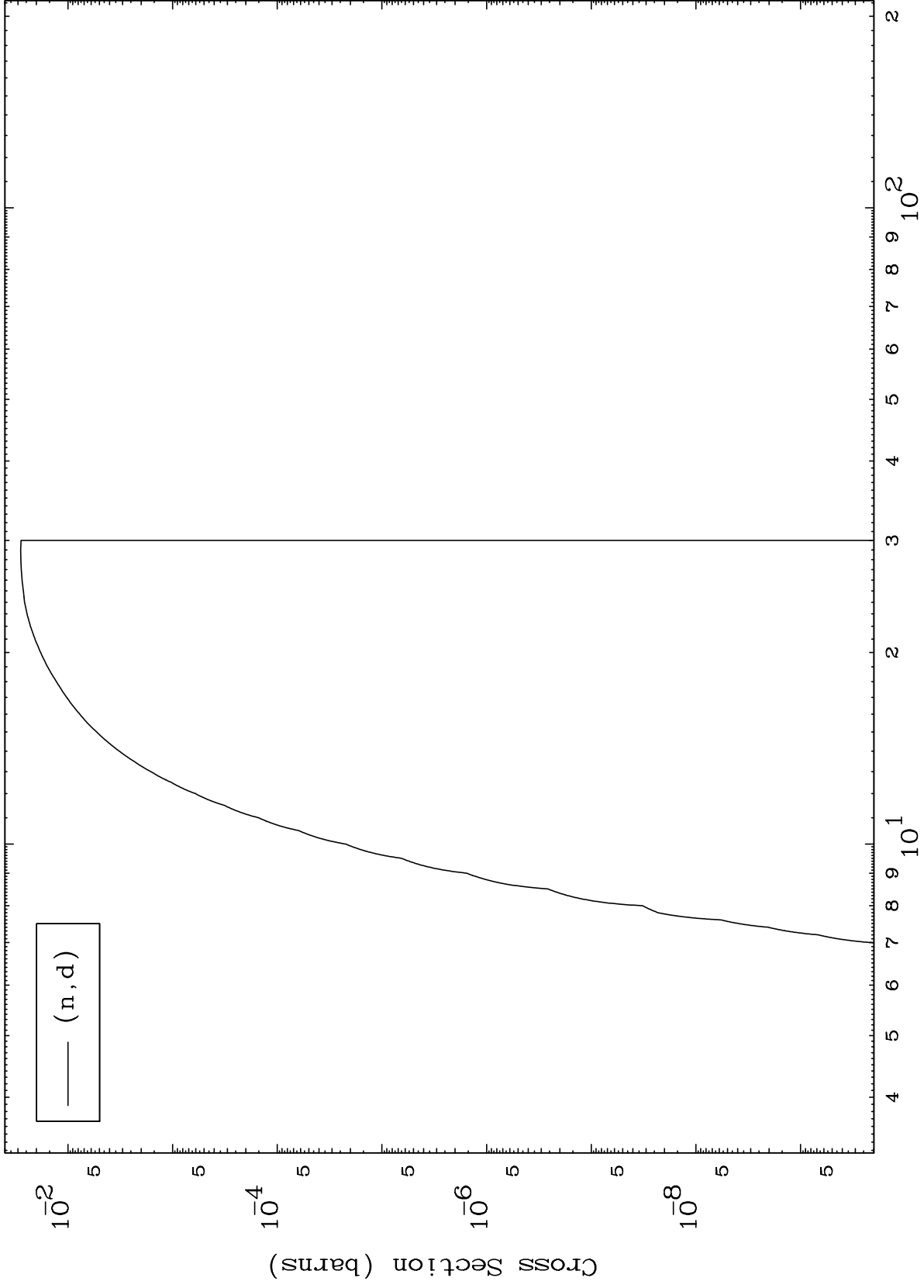
Incident Energy (MeV)

62-Sm-143

MAT 6222

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-143



11

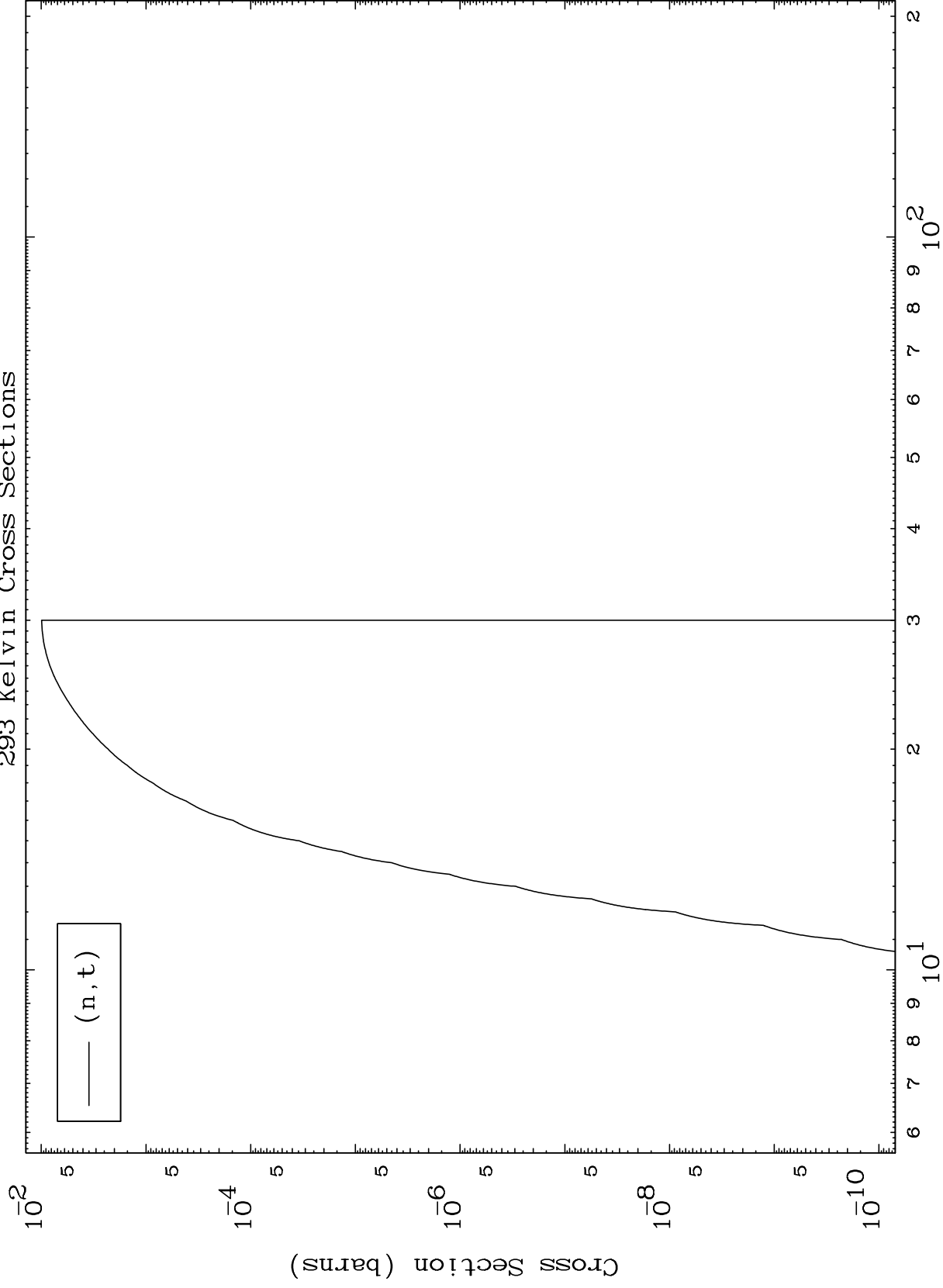
Incident Energy (MeV)

62-Sm-143

MAT 6222

(n, t) Levels
293 Kelvin Cross Sections

62-Sm-143



12

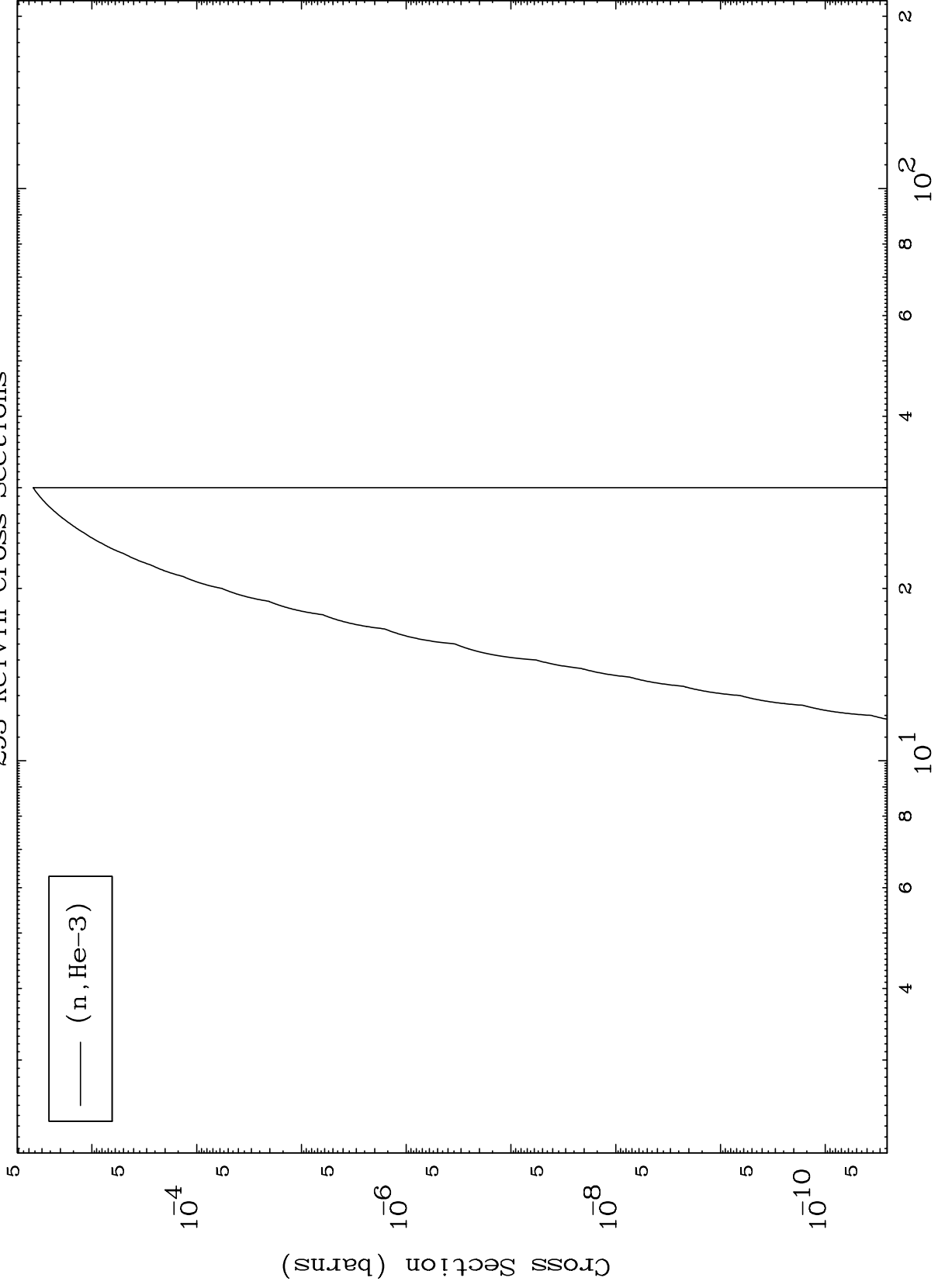
Incident Energy (MeV)

62-Sm-143

MAT 6222

(n,He3) Levels
293 Kelvin Cross Sections

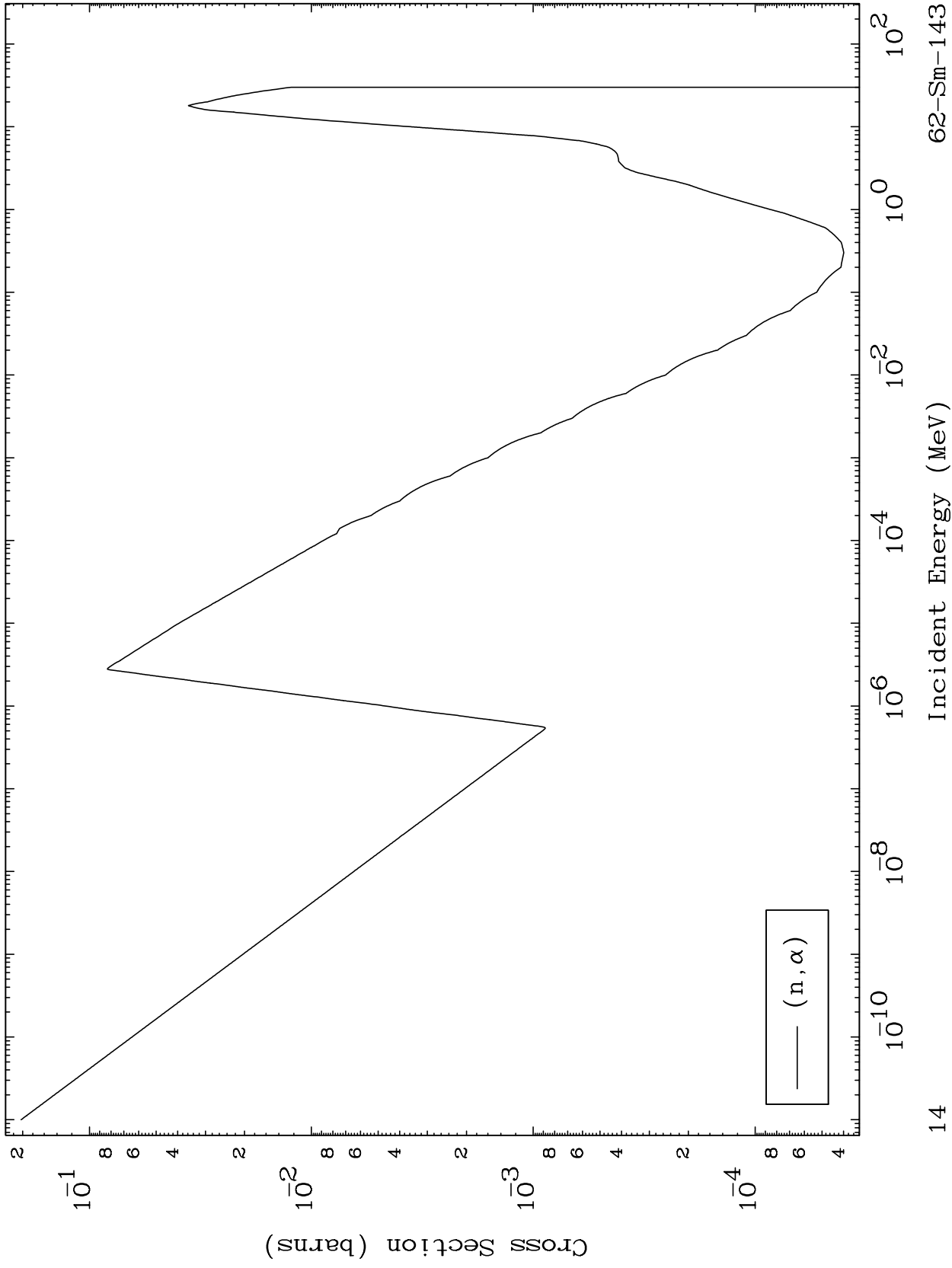
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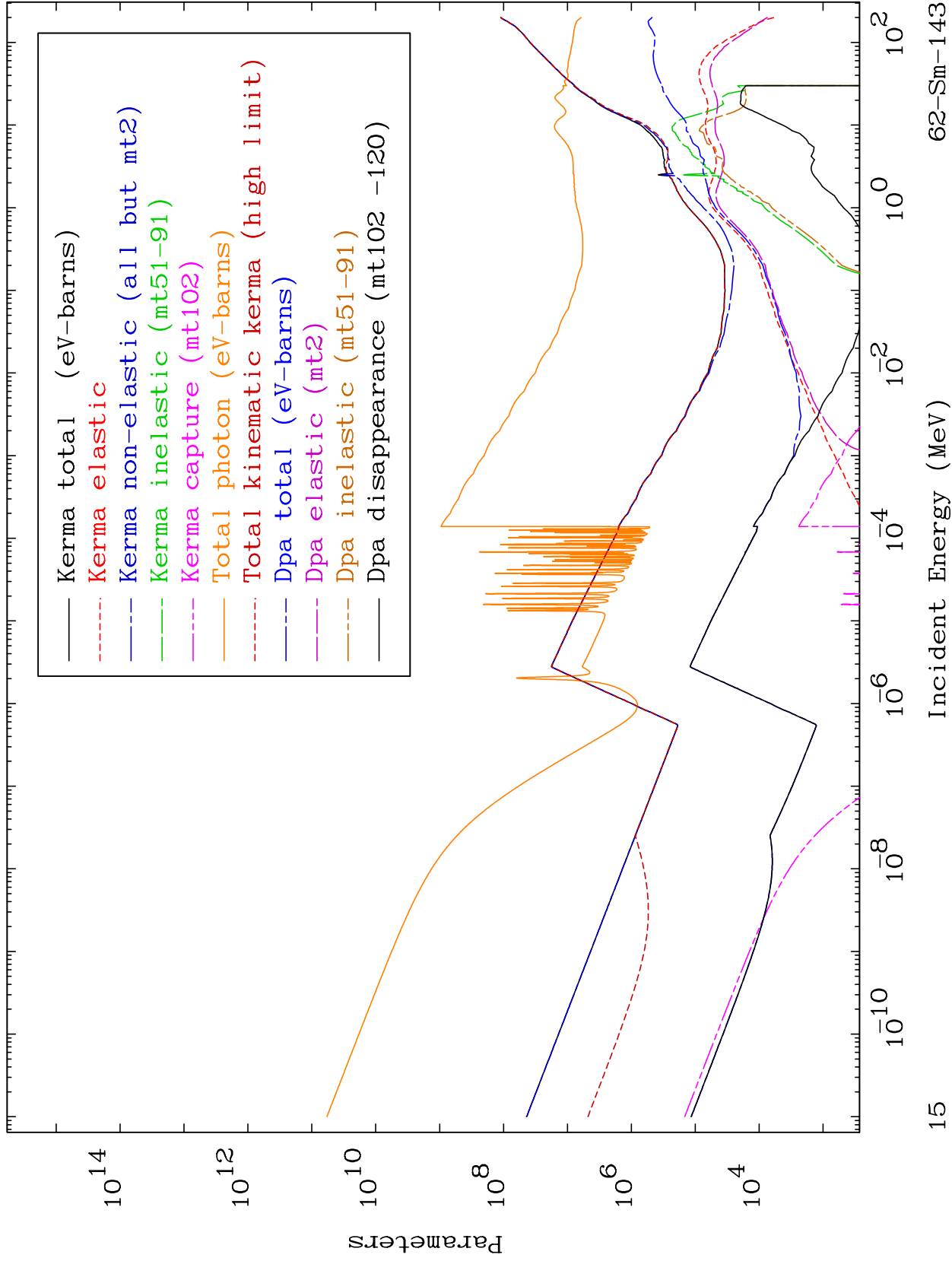


MAT 6222

(n, α) Levels
293 Kelvin Cross Sections

62-Sm-143

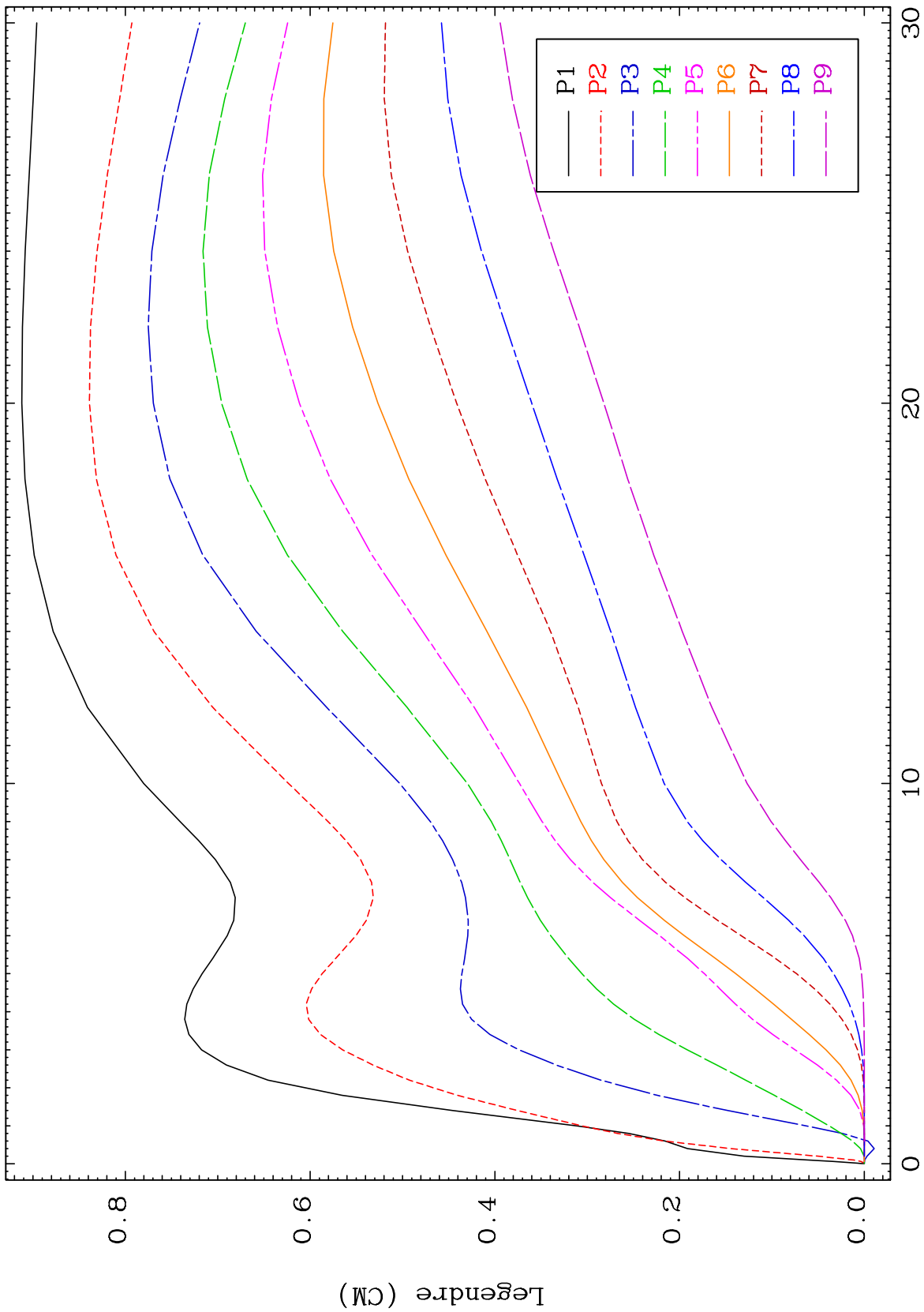




MAT 6222

Elastic Legendre Coefficients

62-Sm-143



16

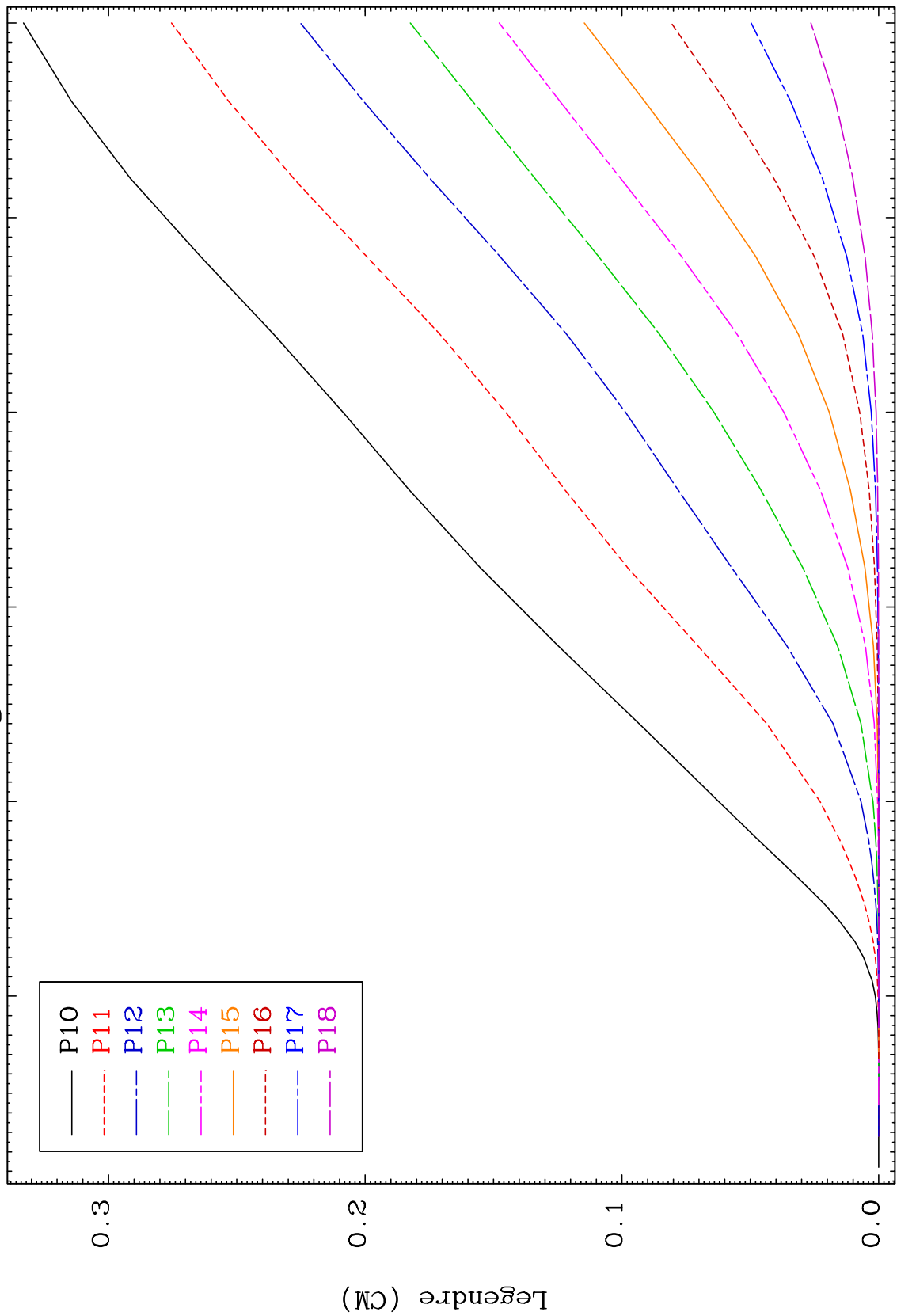
Incident Energy (MeV)

62-Sm-143

MAT 6222

Elastic Legendre Coefficients

62-Sm-143



17

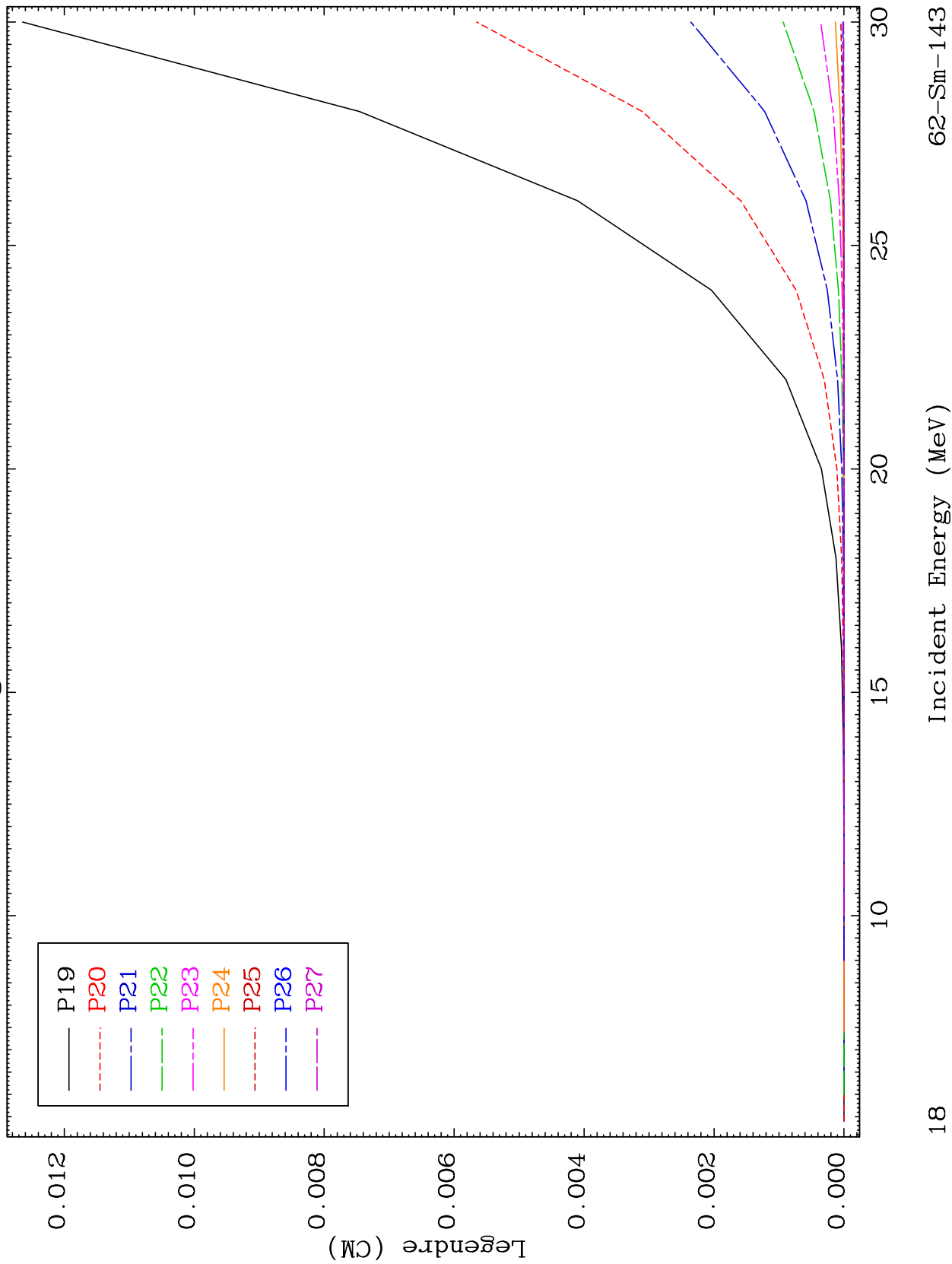
Incident Energy (MeV)

62-Sm-143

MAT 6222

Elastic Legendre Coefficients

62-Sm-143



18

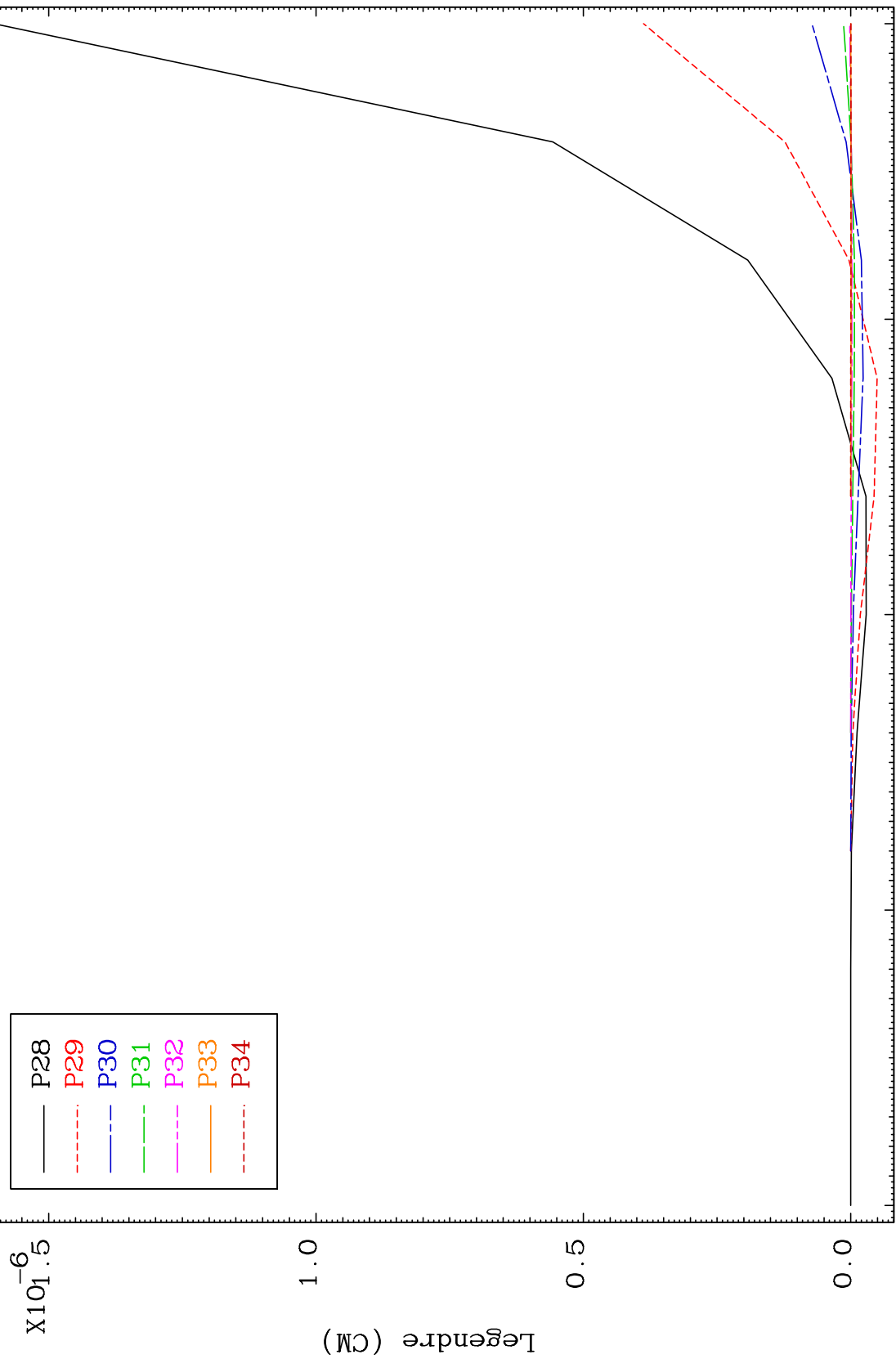
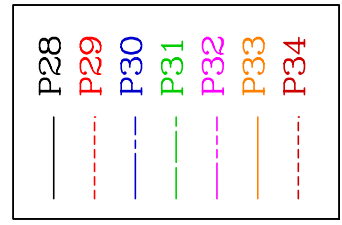
Incident Energy (MeV)

62-Sm-143

MAT 6222

Elastic Legendre Coefficients

62-Sm-143



10

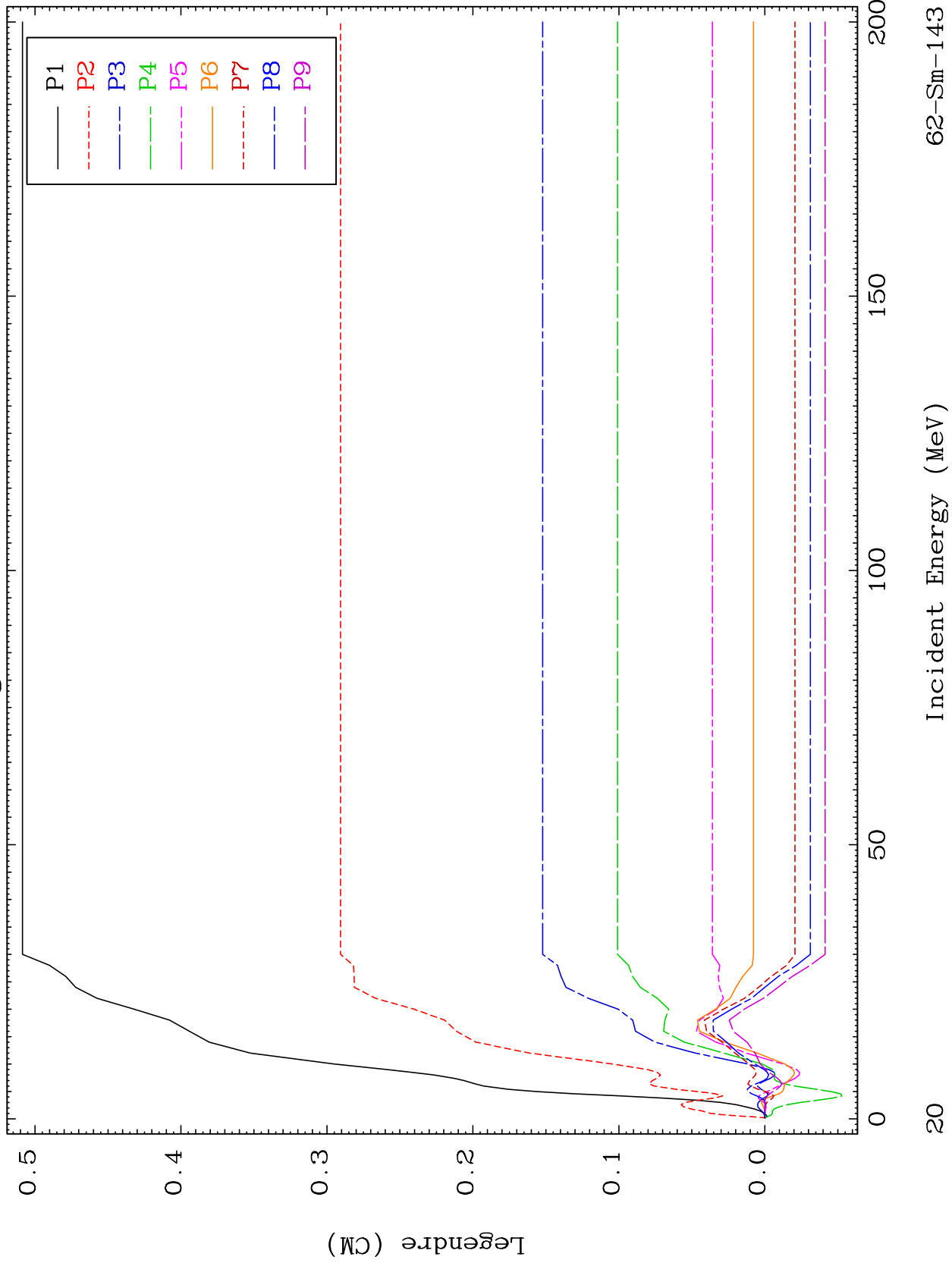
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143

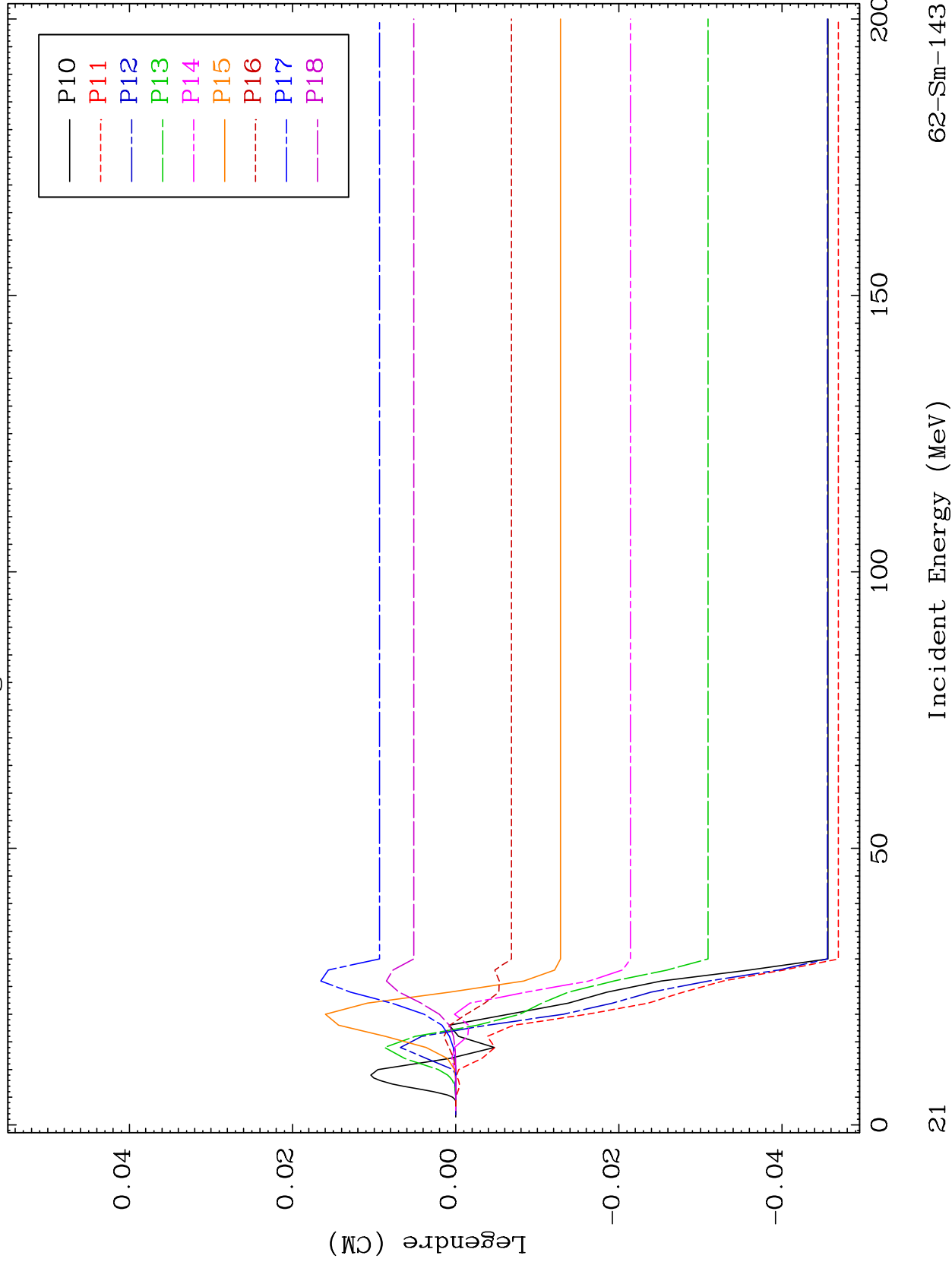


62-Sm-143

MAT 6222

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

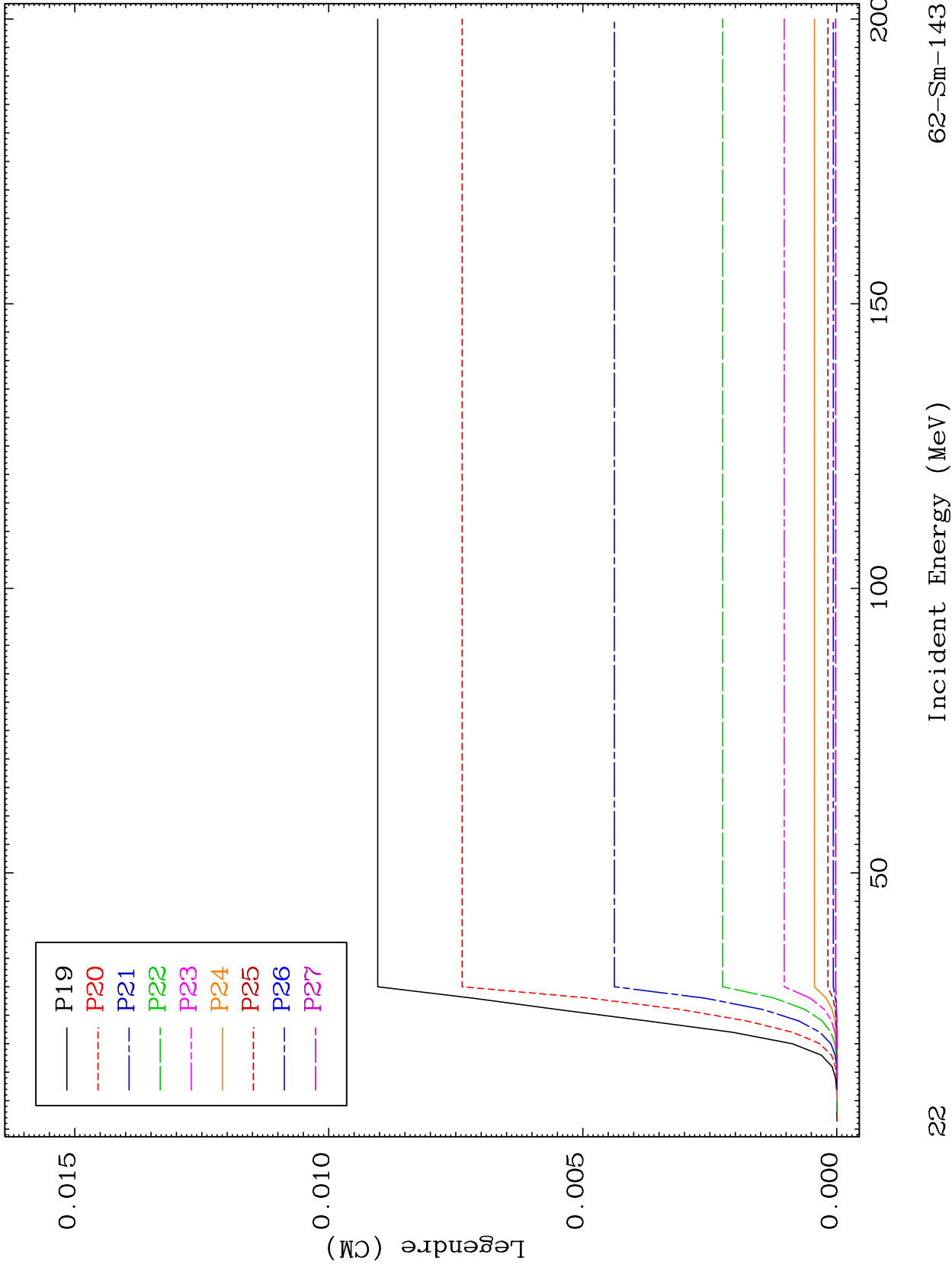
62-Sm-143



21

Incident Energy (MeV)

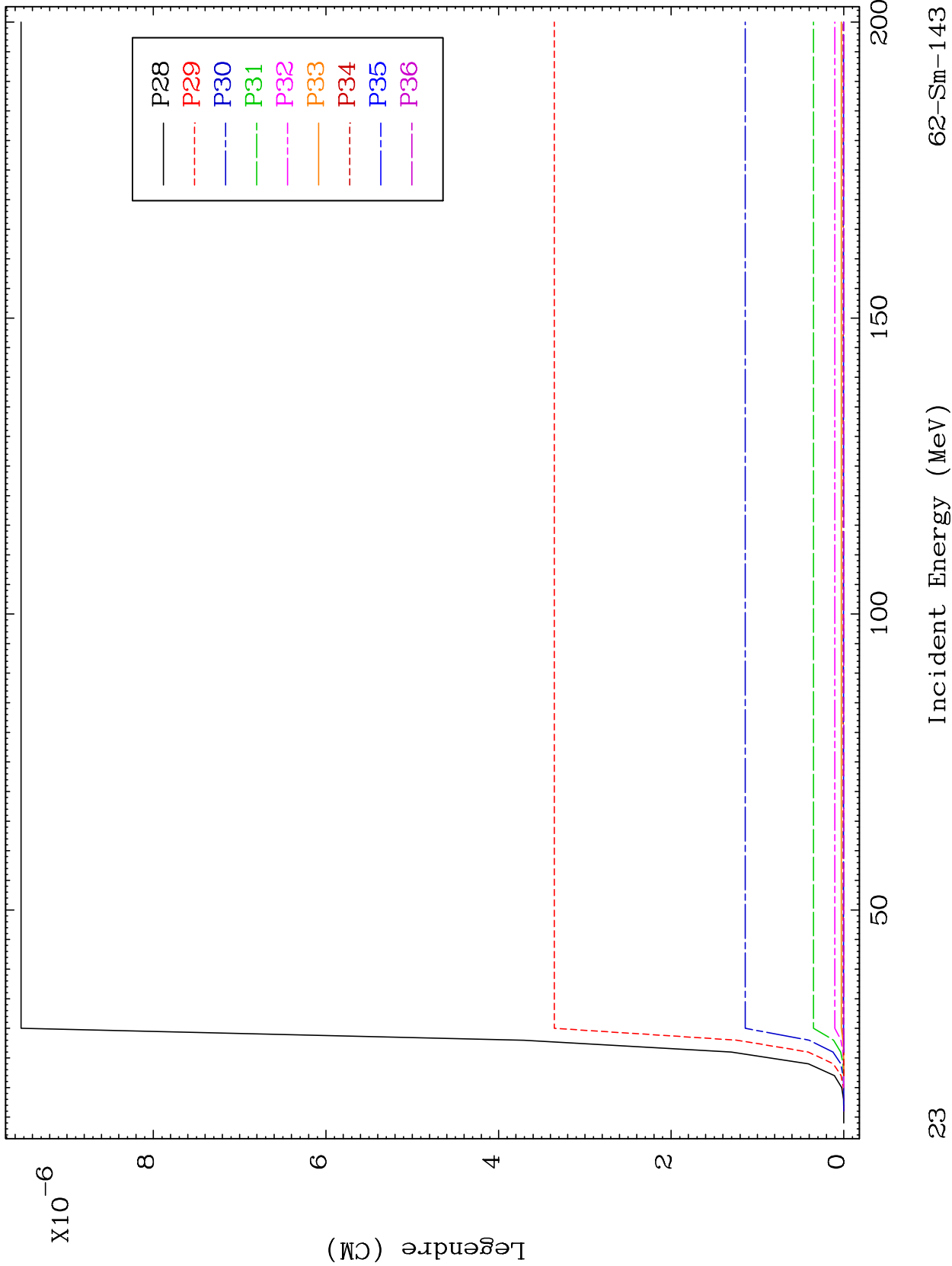
62-Sm-143



MAT 6222

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

62-Sm-143



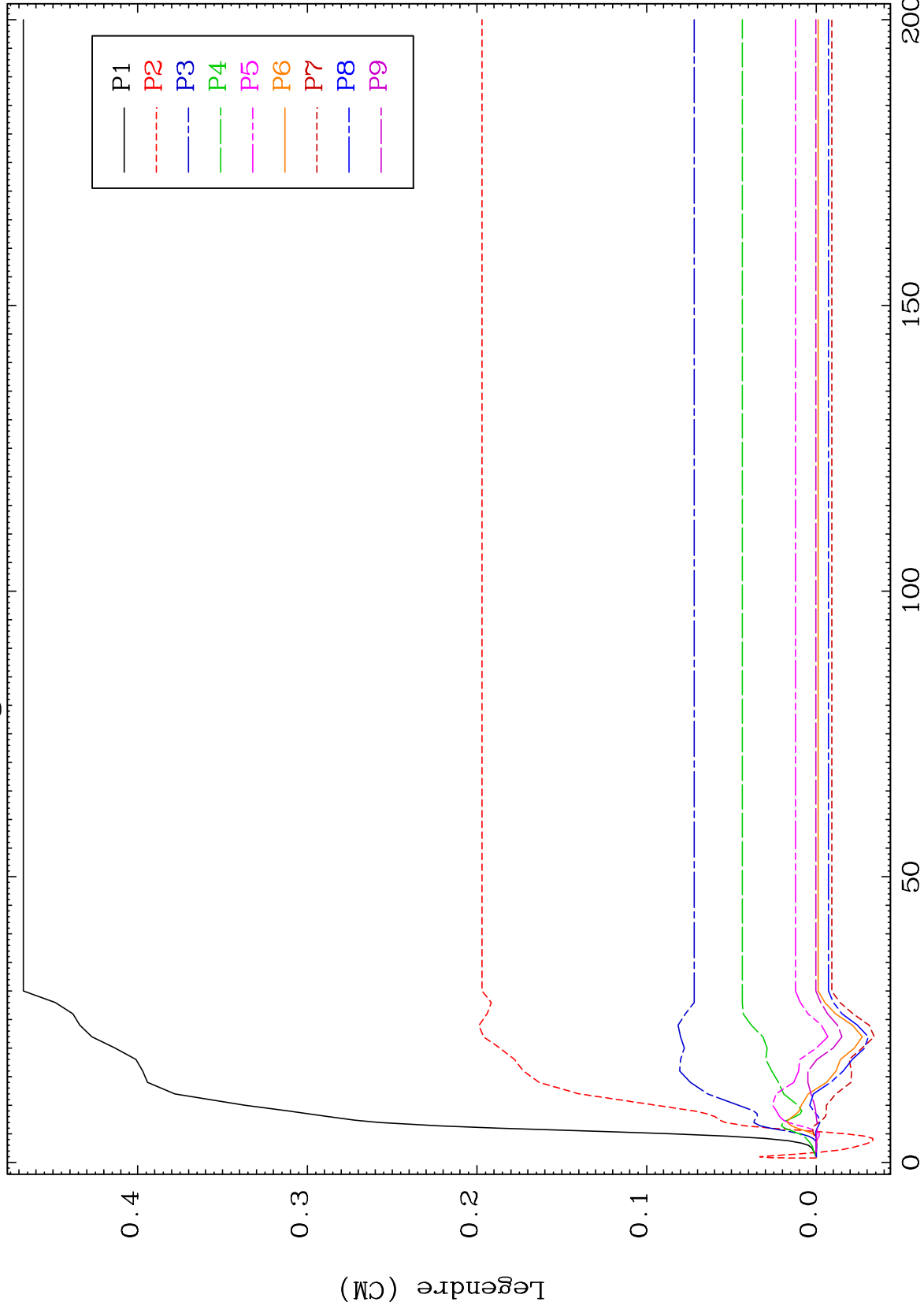
23

62-Sm-143

MAT 6222

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

62-Sm-143



24

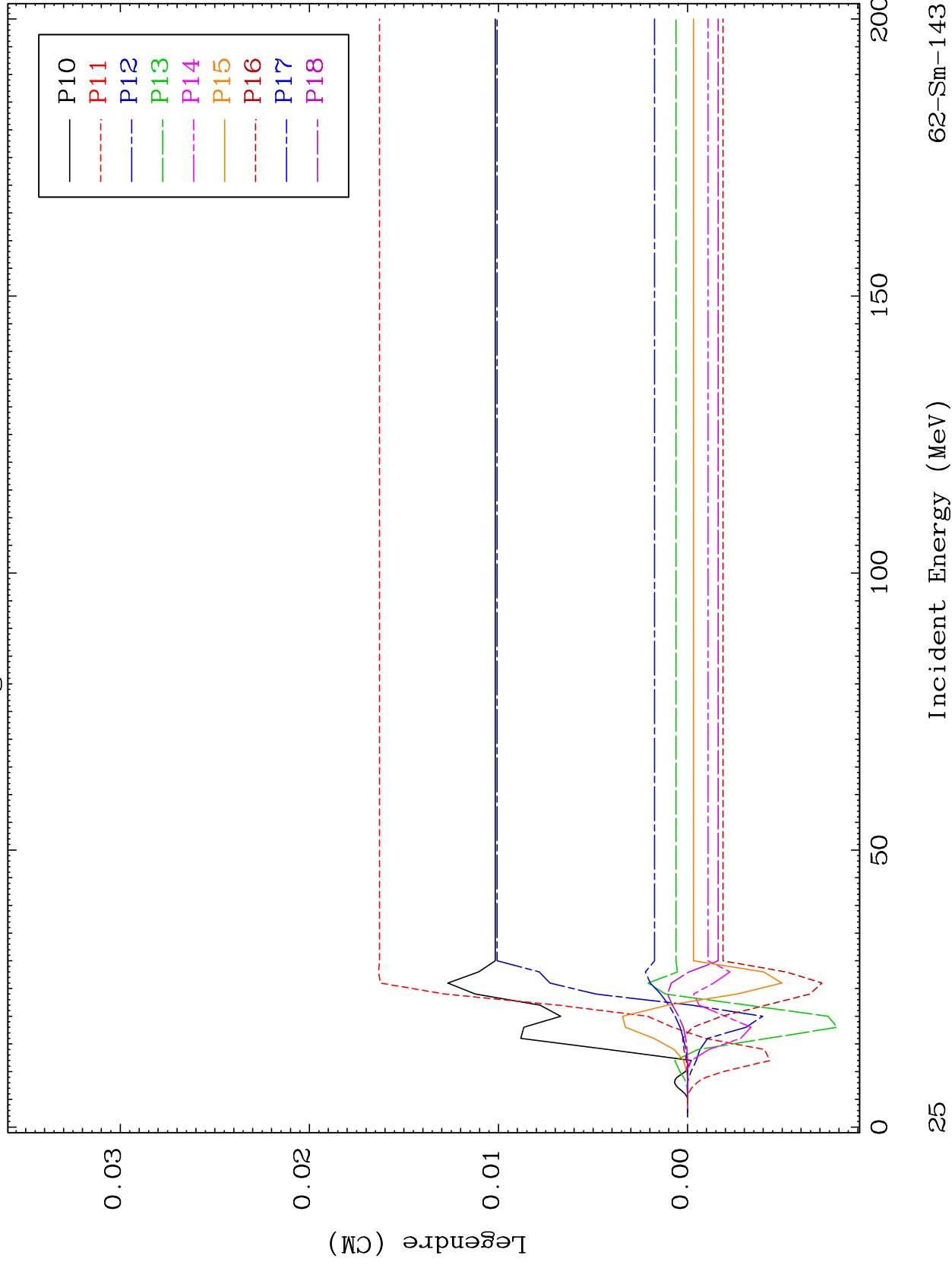
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

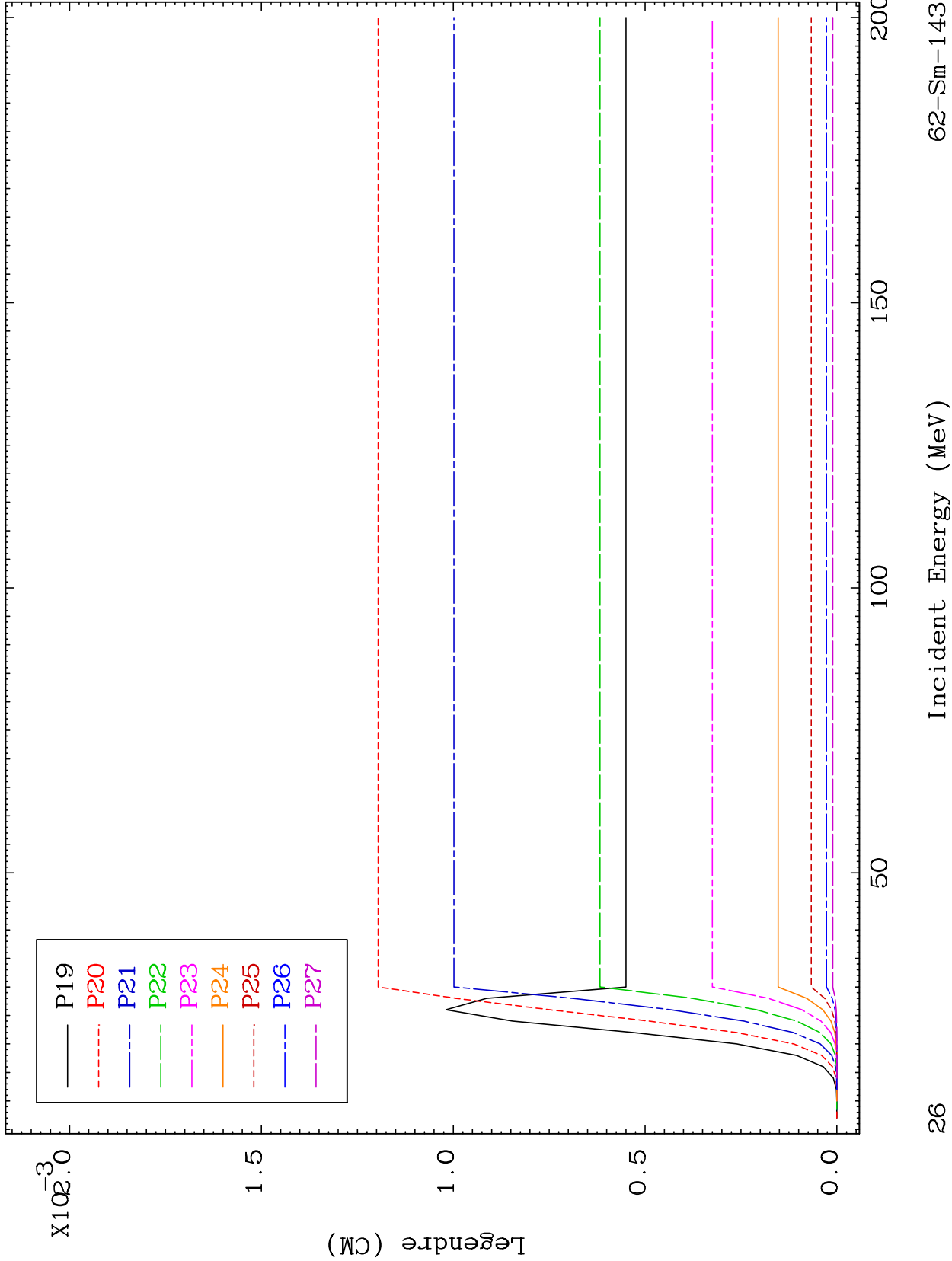
62-Sm-143



62-Sm-143

Incident Energy (MeV)

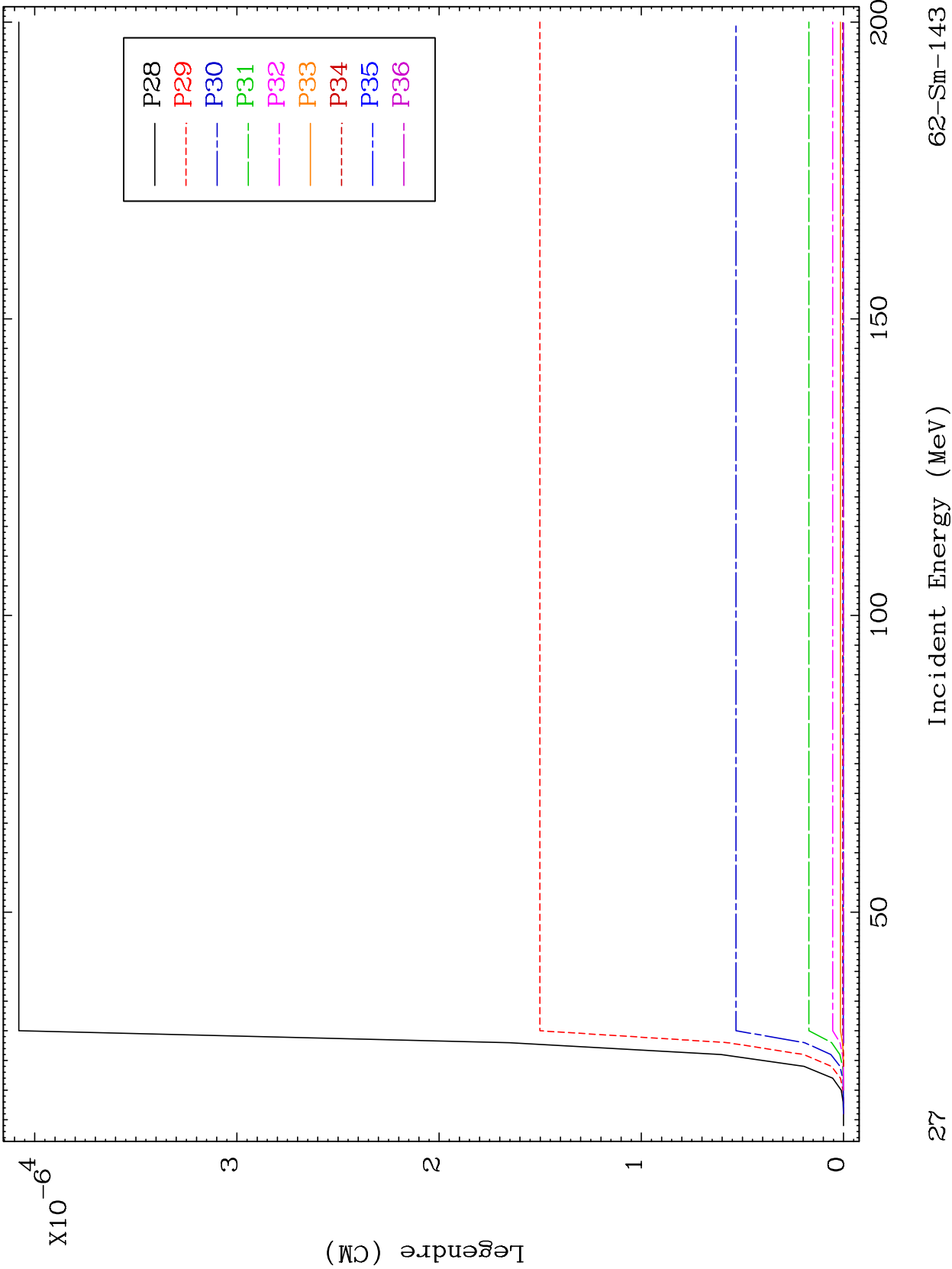
25



MAT 6222

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

62-Sm-143



27

Incident Energy (MeV)

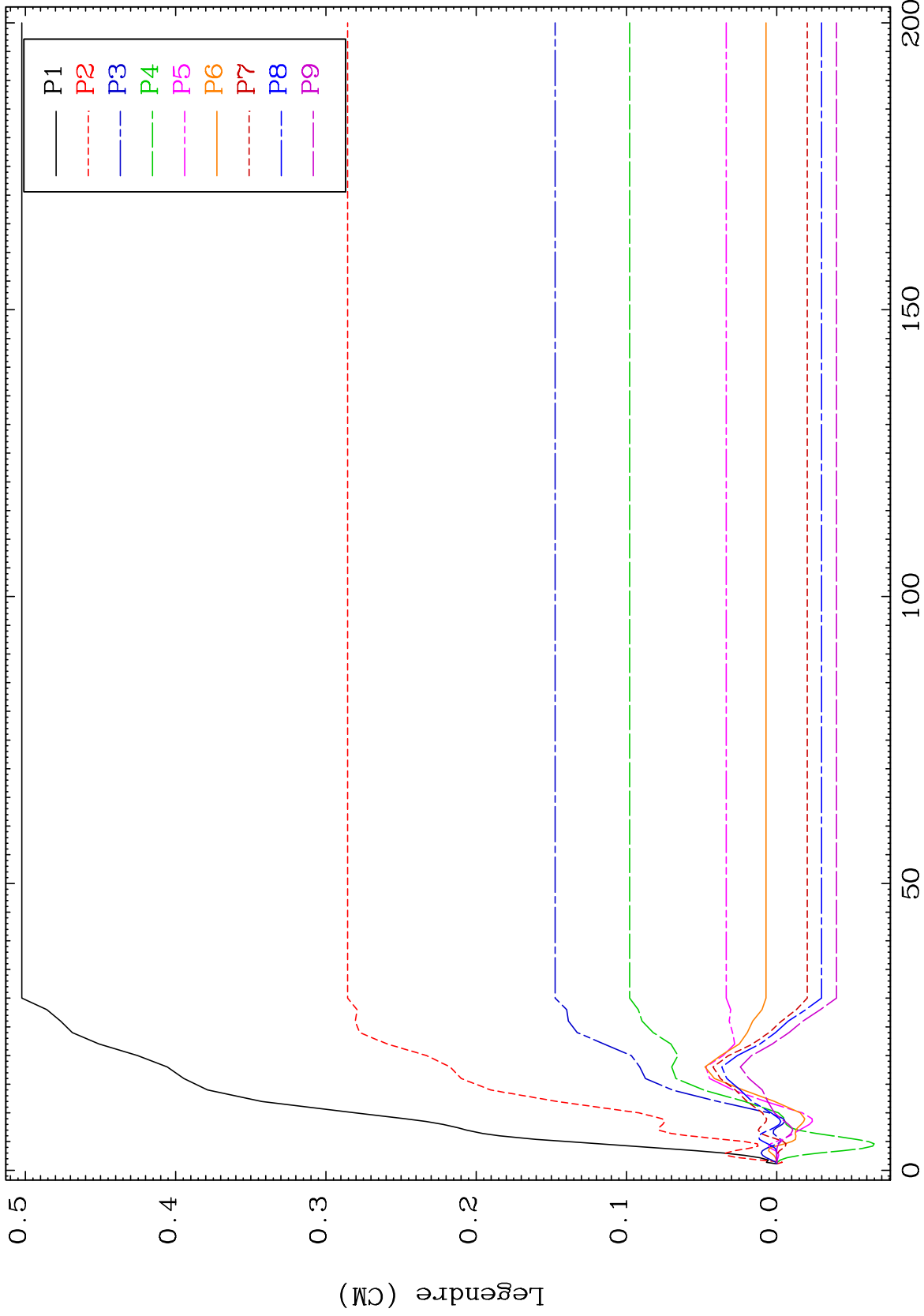
62-Sm-143

MAT 6222

MT= 53 (n,n') Level

62-Sm-143

Legendre Coefficients



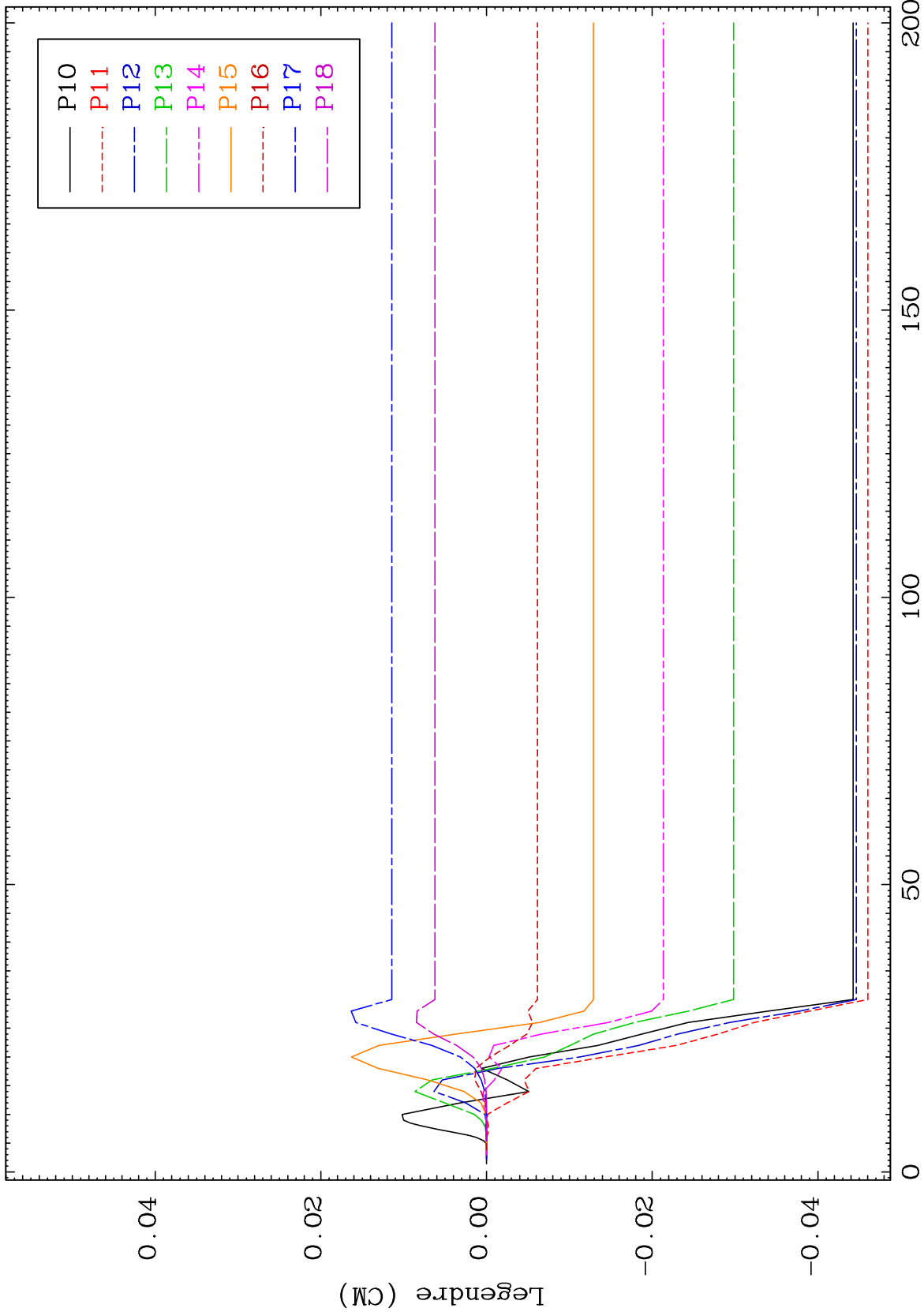
28

62-Sm-143

MAT 6222

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

62-Sm-143



29

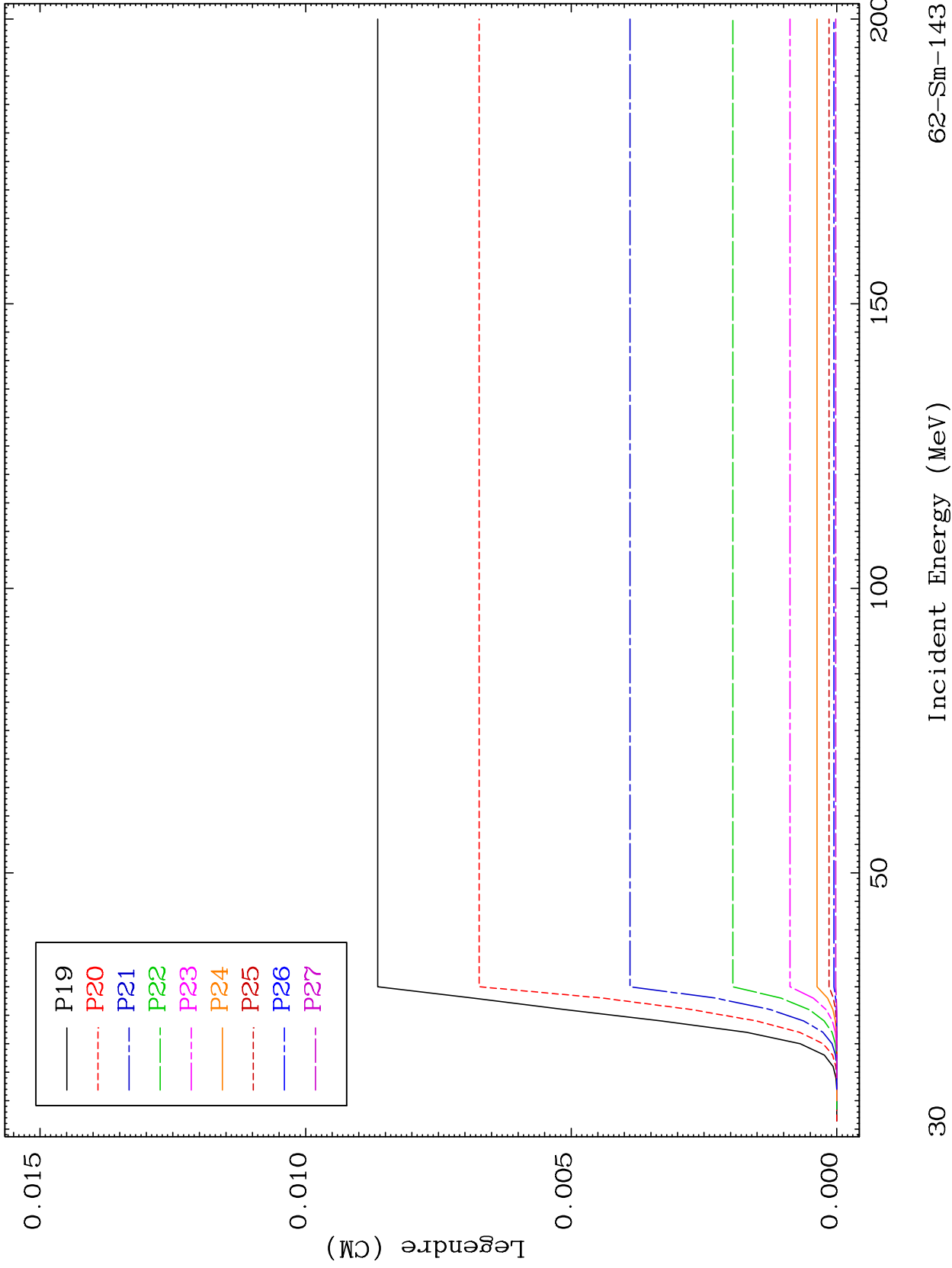
Incident Energy (MeV)

62-Sm-143

MAT 62222

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

62-Sm-143



30

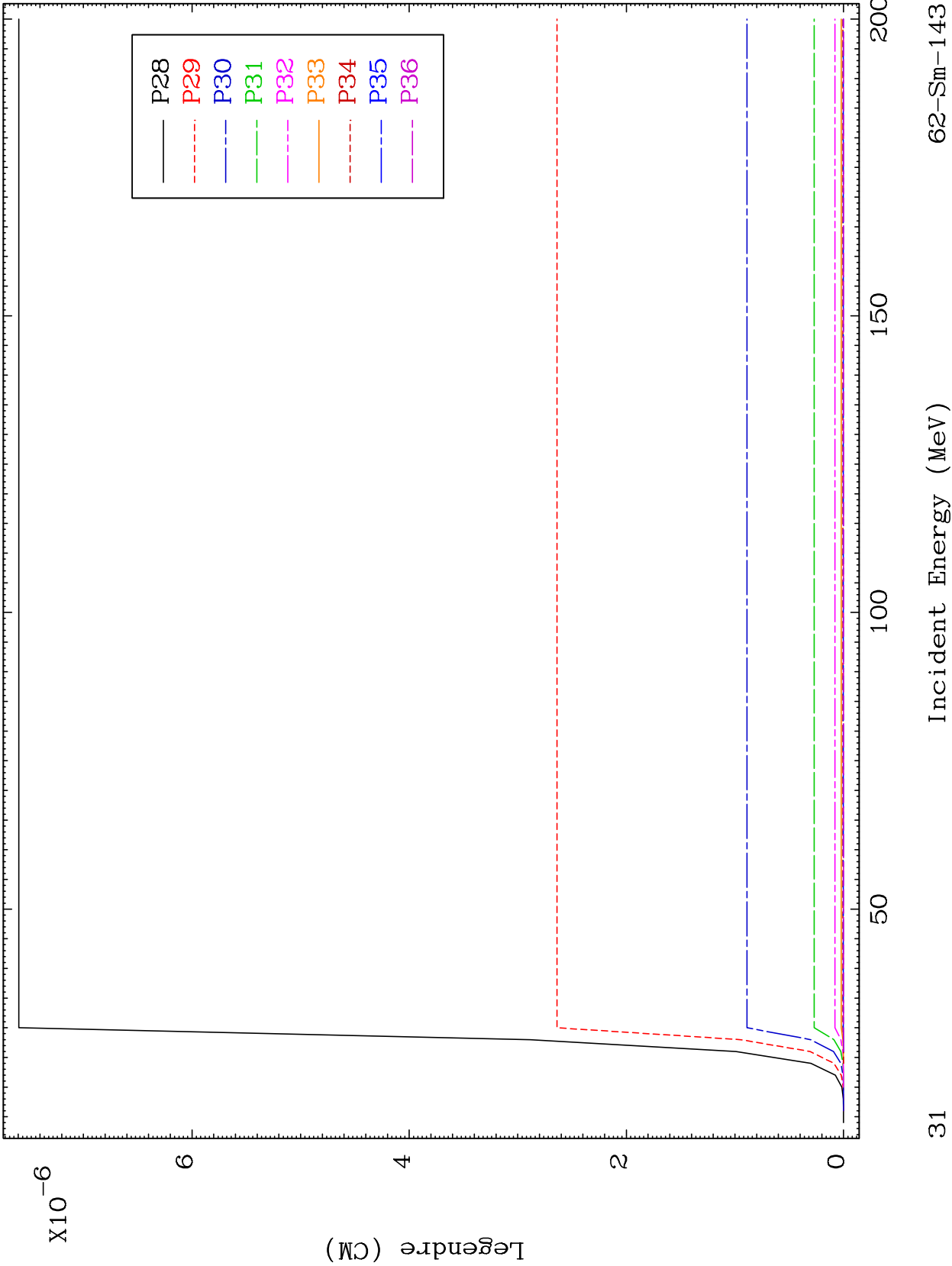
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



31

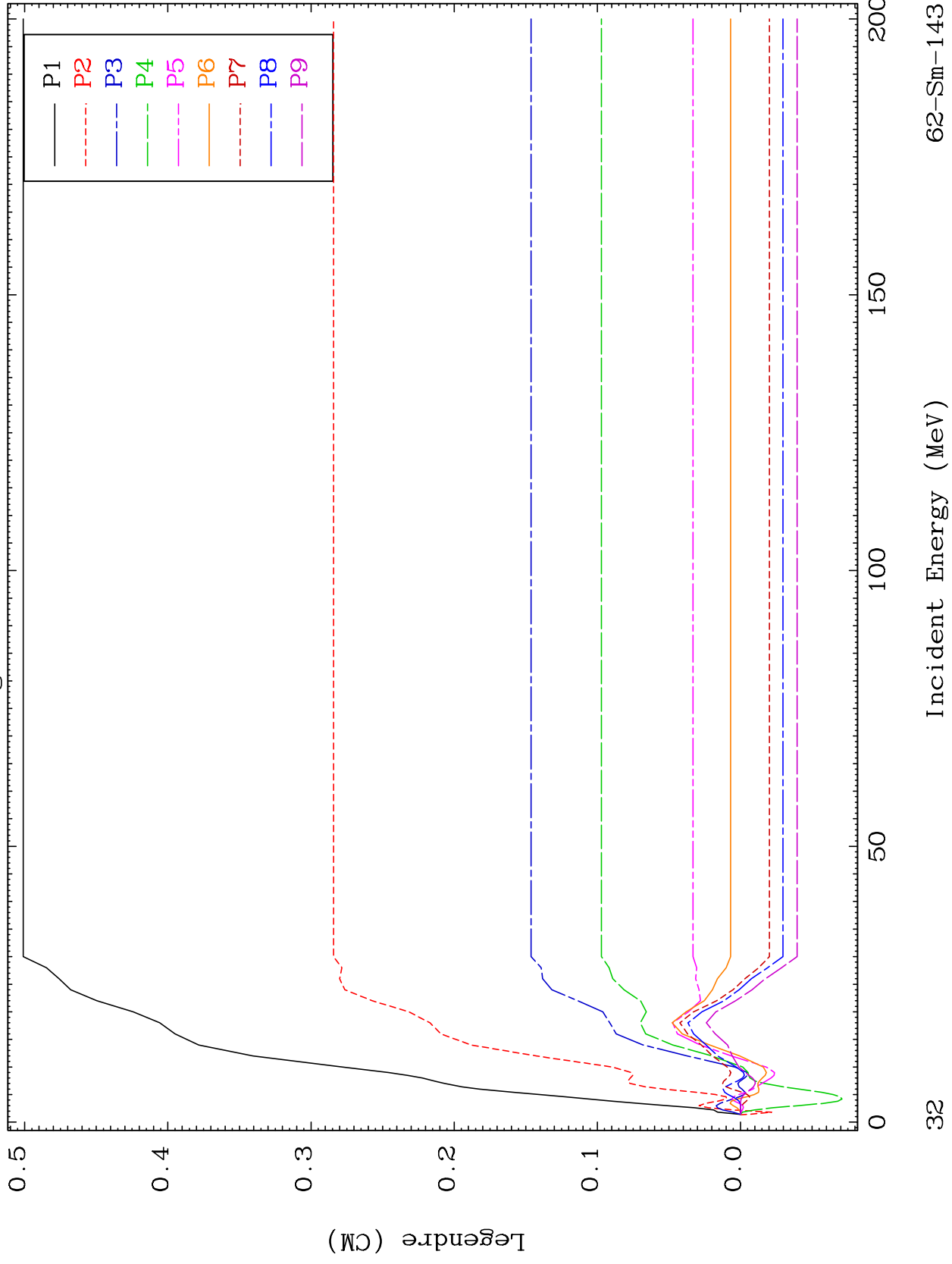
Incident Energy (MeV)

62-Sm-143

MAT 62222

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

62-Sm-143



32

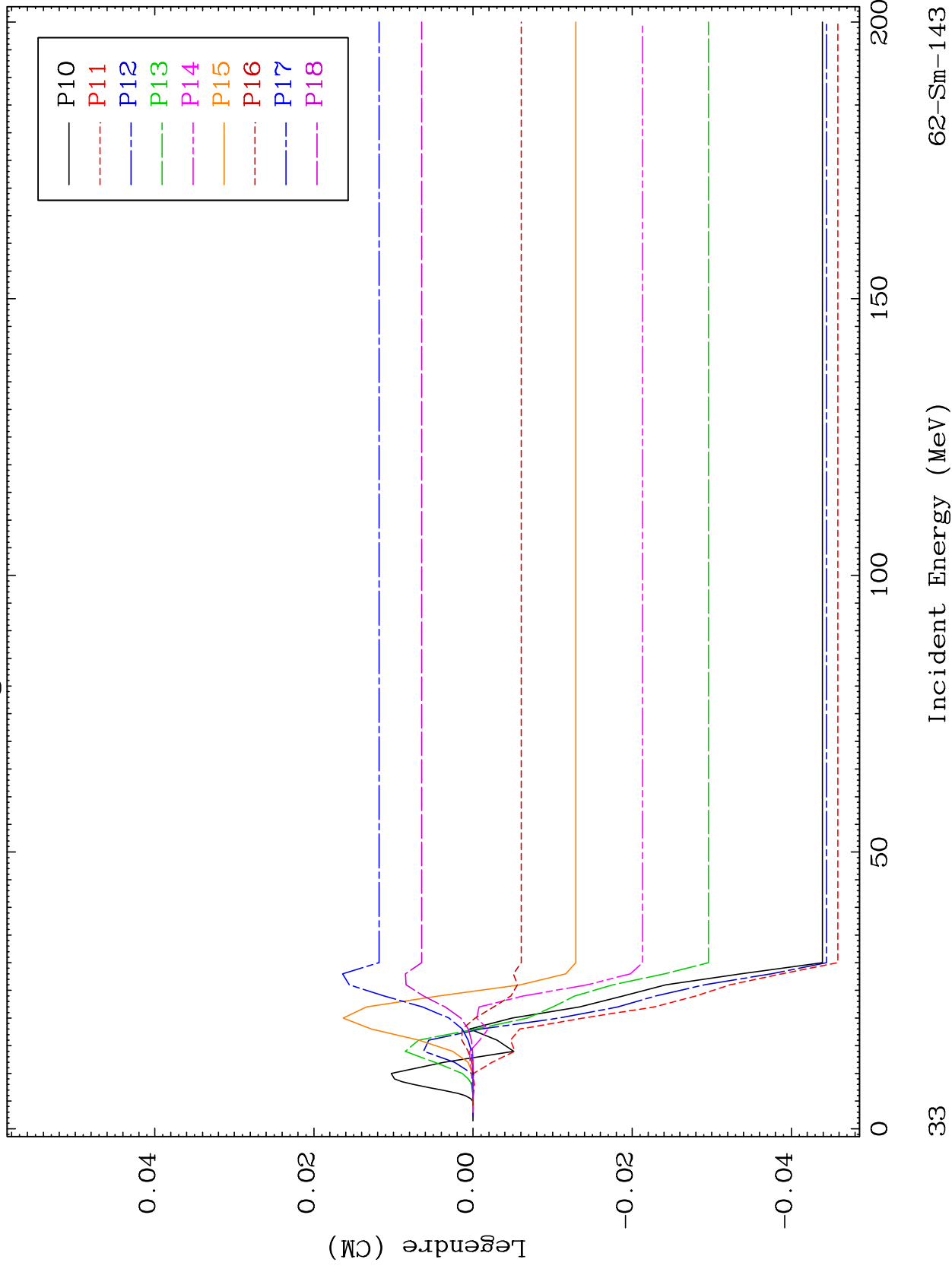
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



33

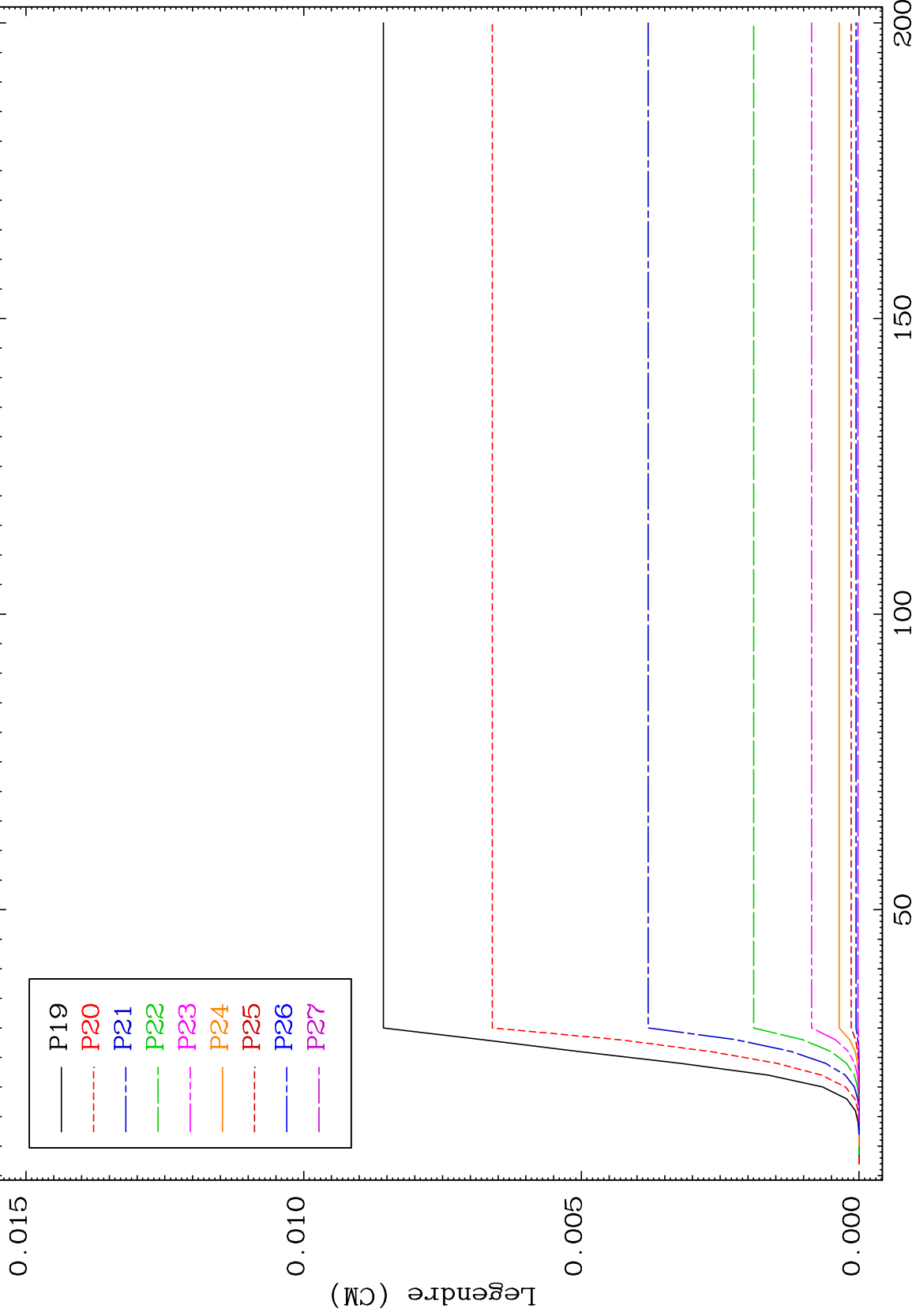
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



34

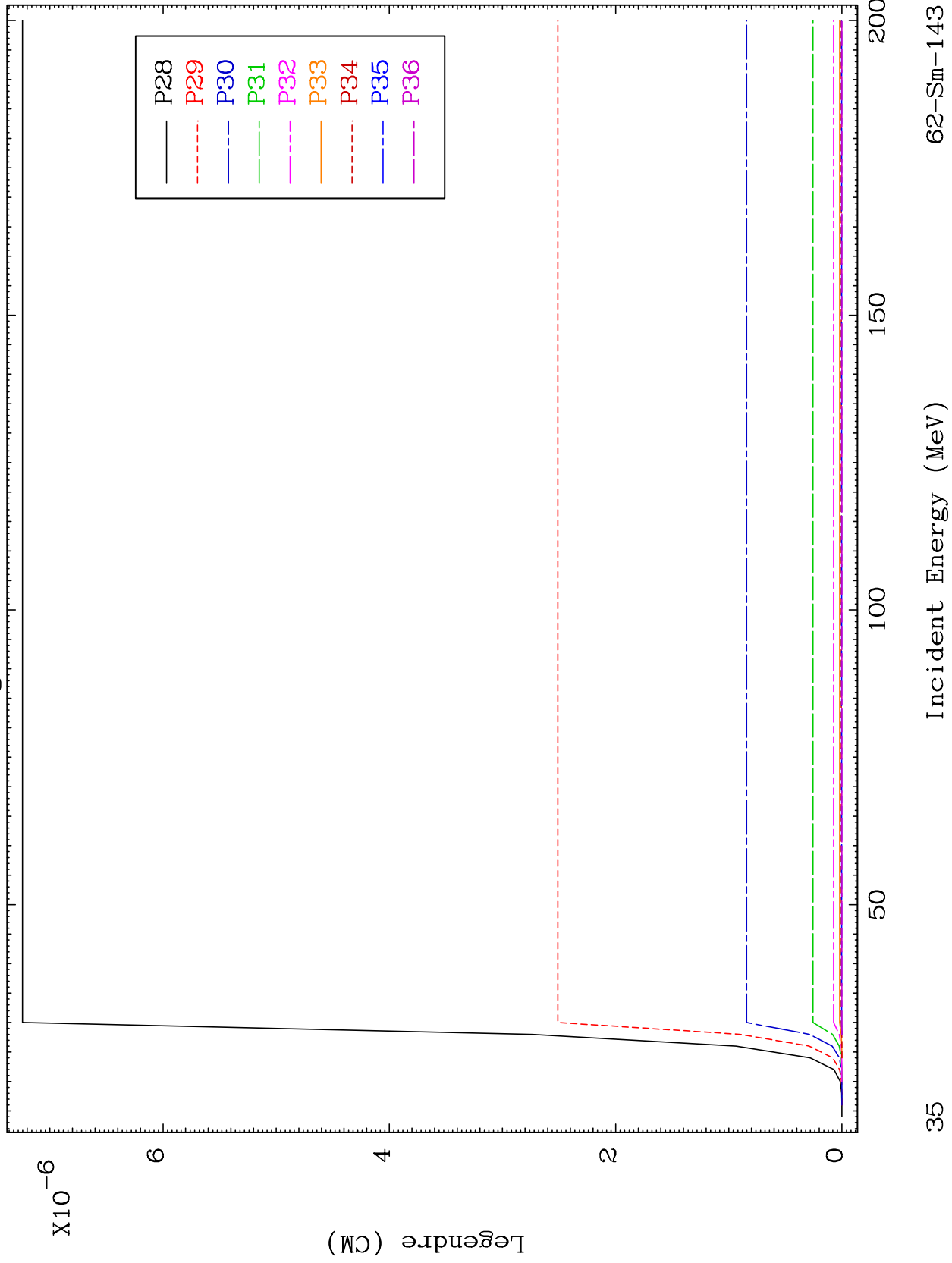
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



35

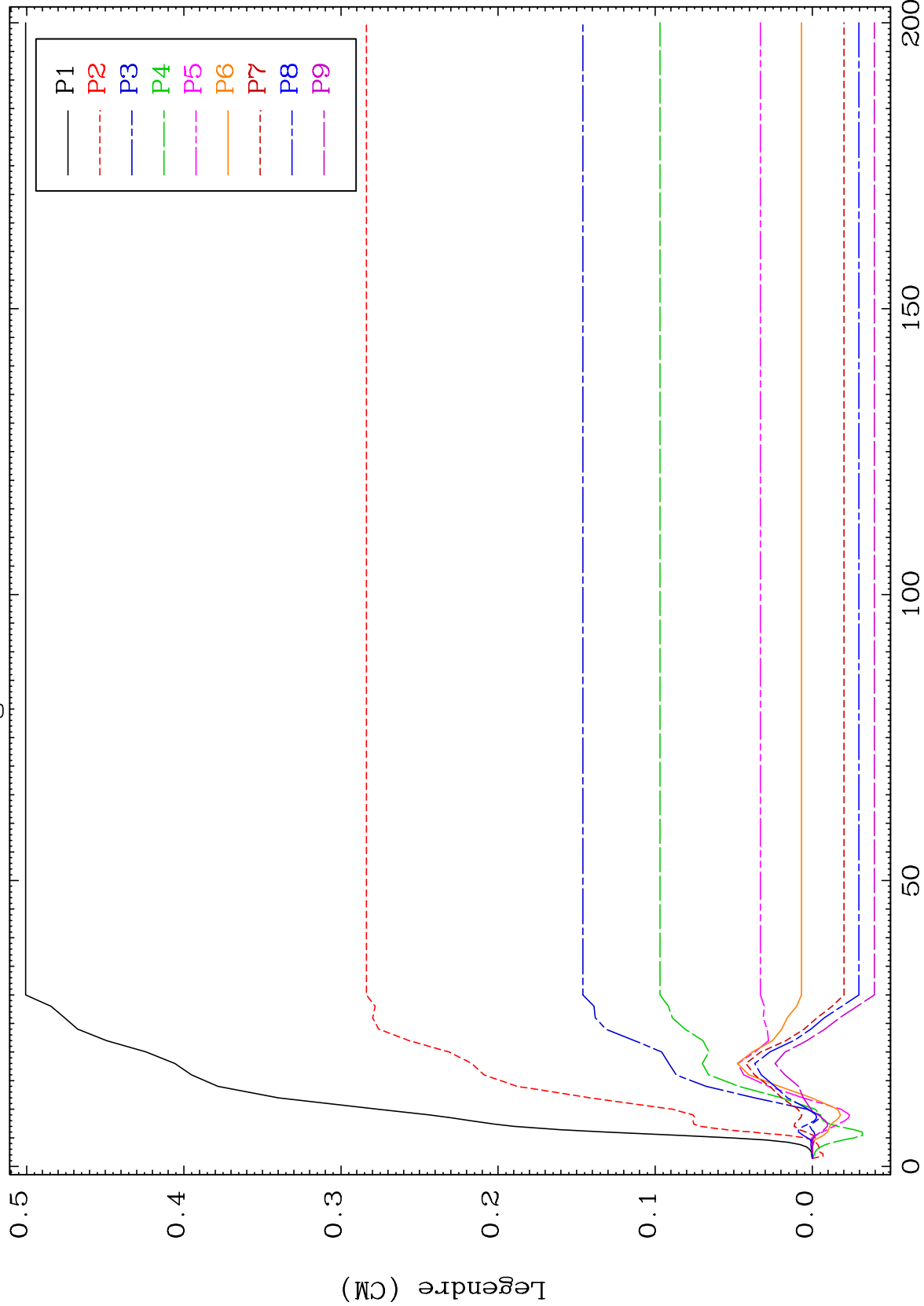
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



62-Sm-143

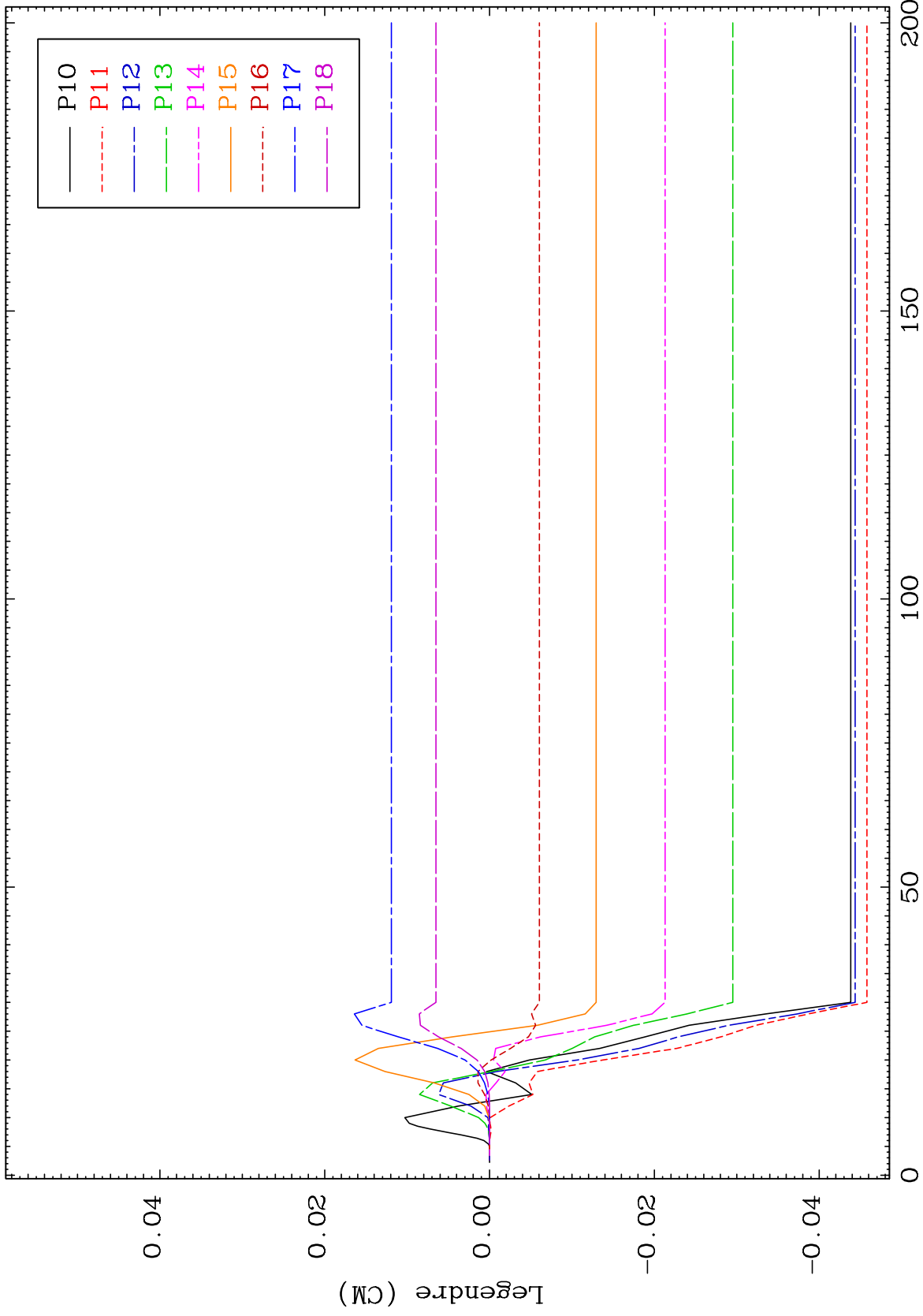
Incident Energy (MeV)

36

MAT 6222

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

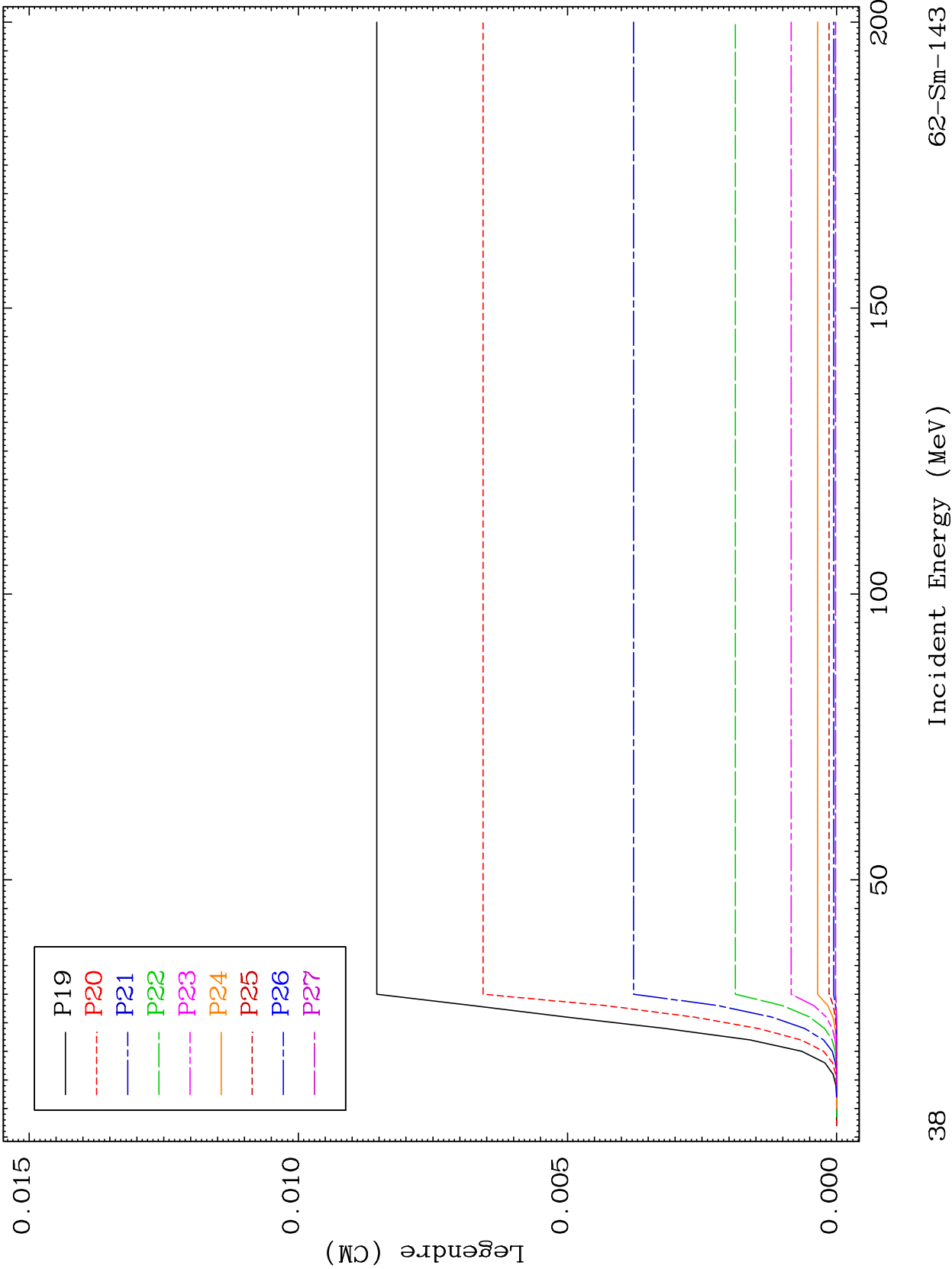
62-Sm-143



37

Incident Energy (MeV)

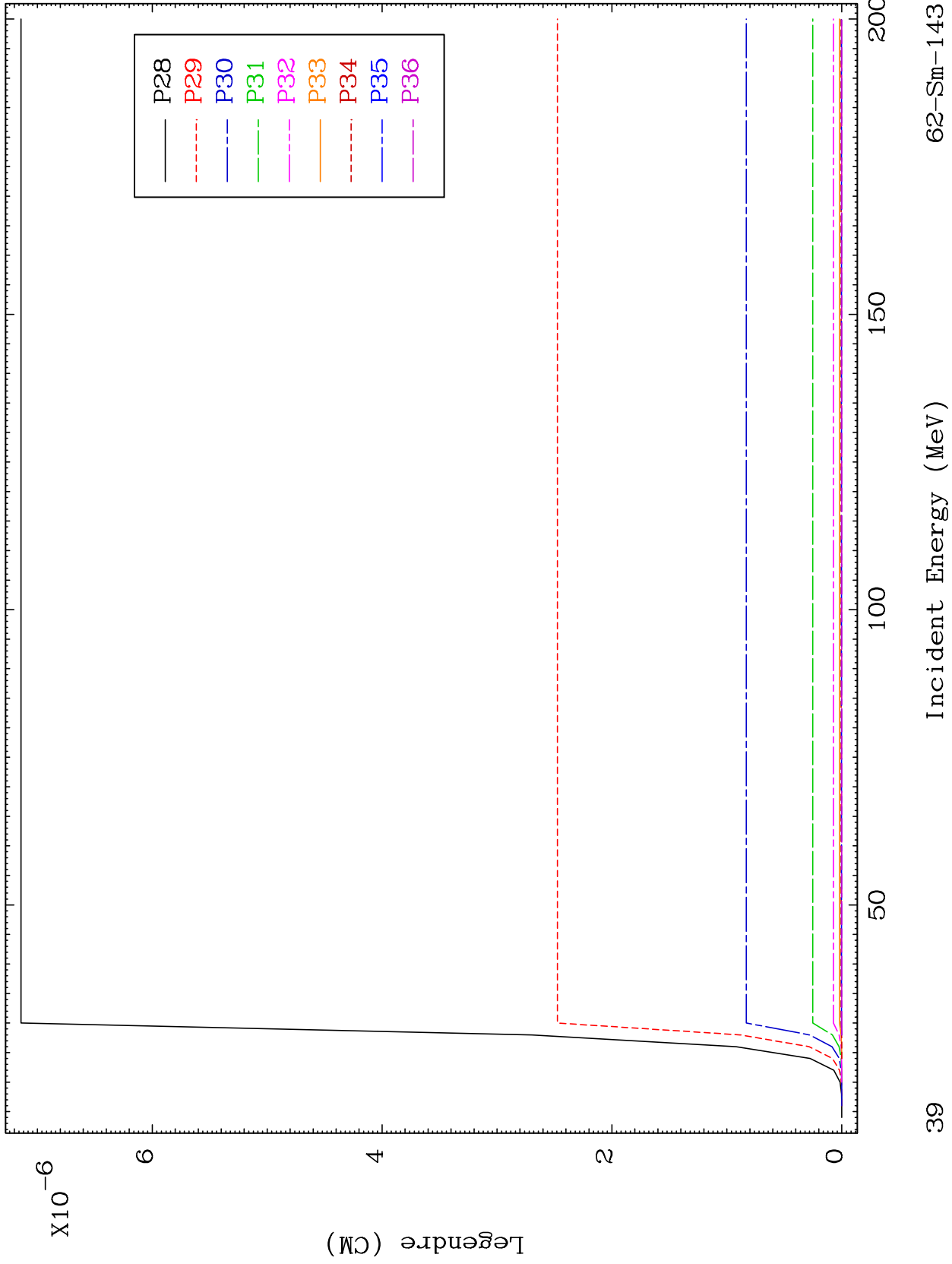
62-Sm-143



MAT 6222

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

62-Sm-143



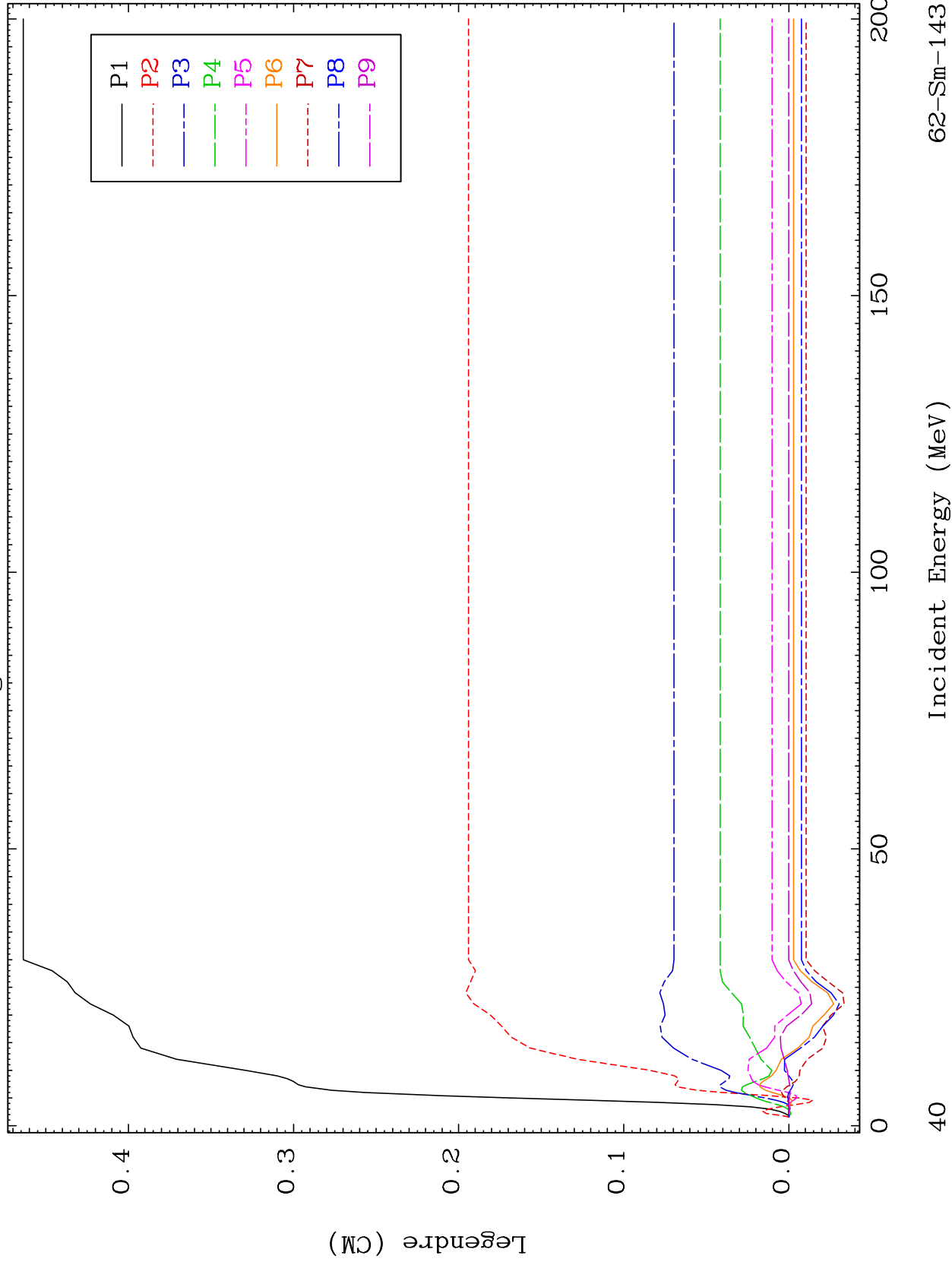
39

62-Sm-143

MAT 6222

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

62-Sm-143



62-Sm-143

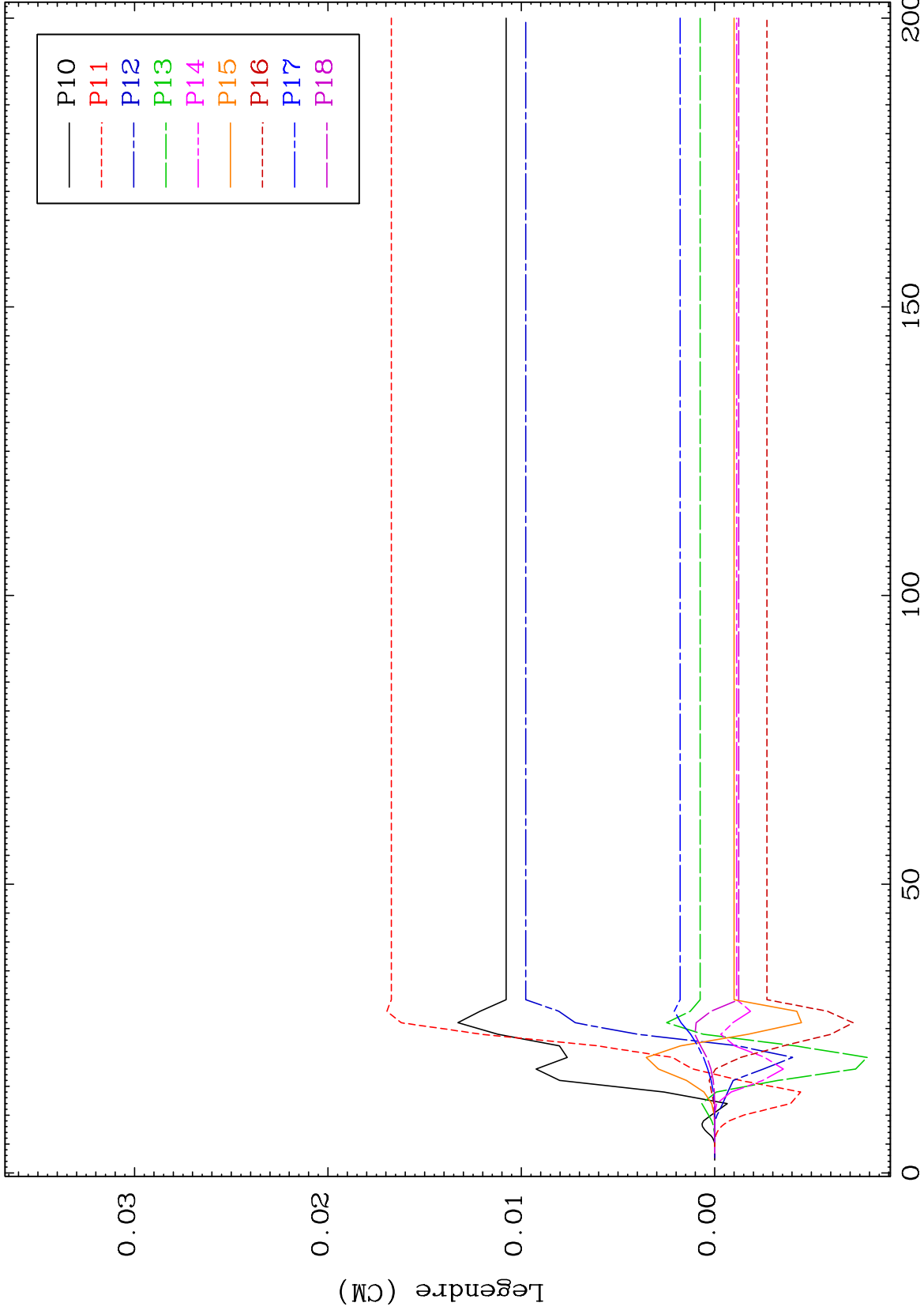
Incident Energy (MeV)

40

MAT 6222

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

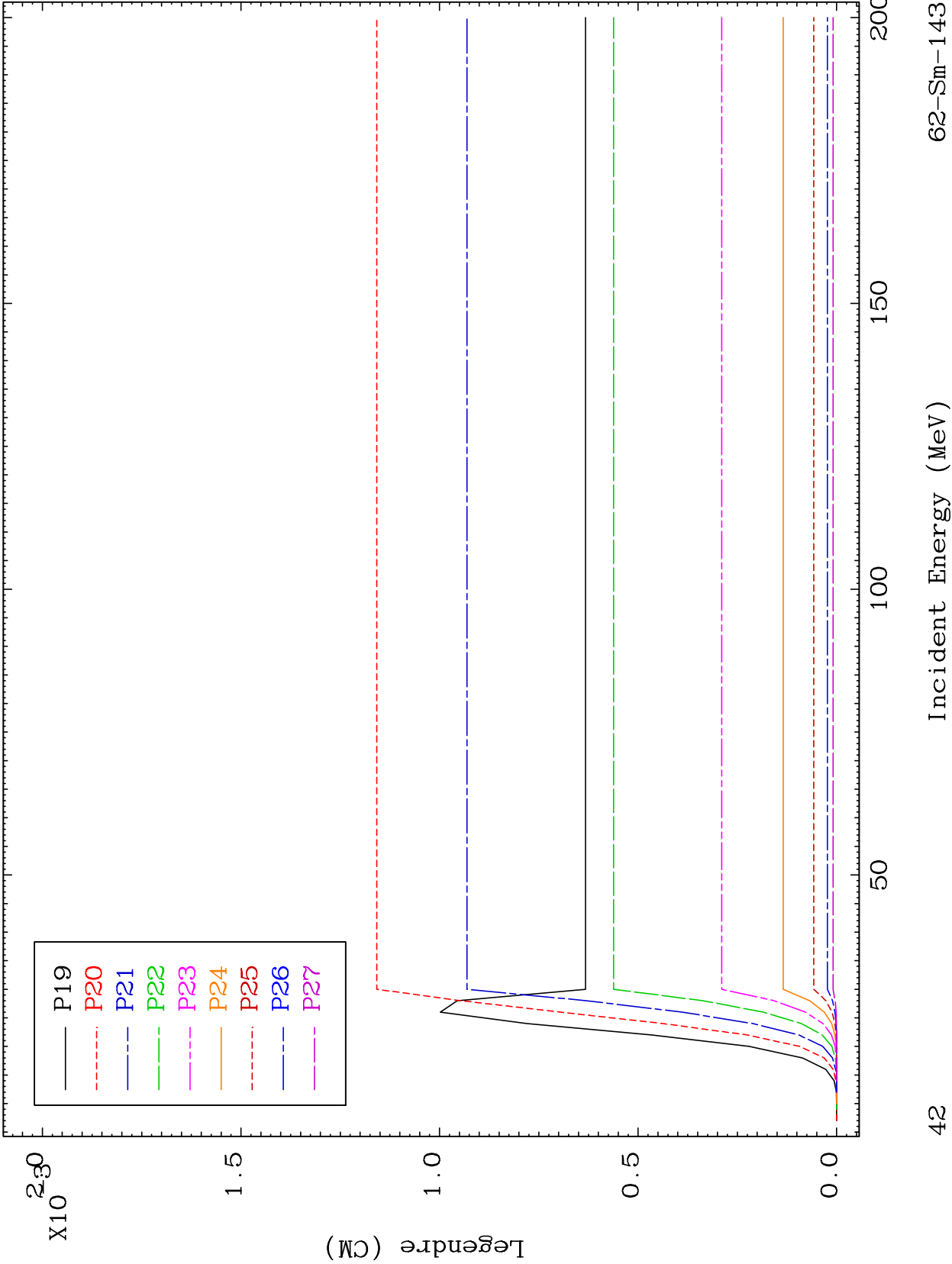
62-Sm-143



41

Incident Energy (MeV)

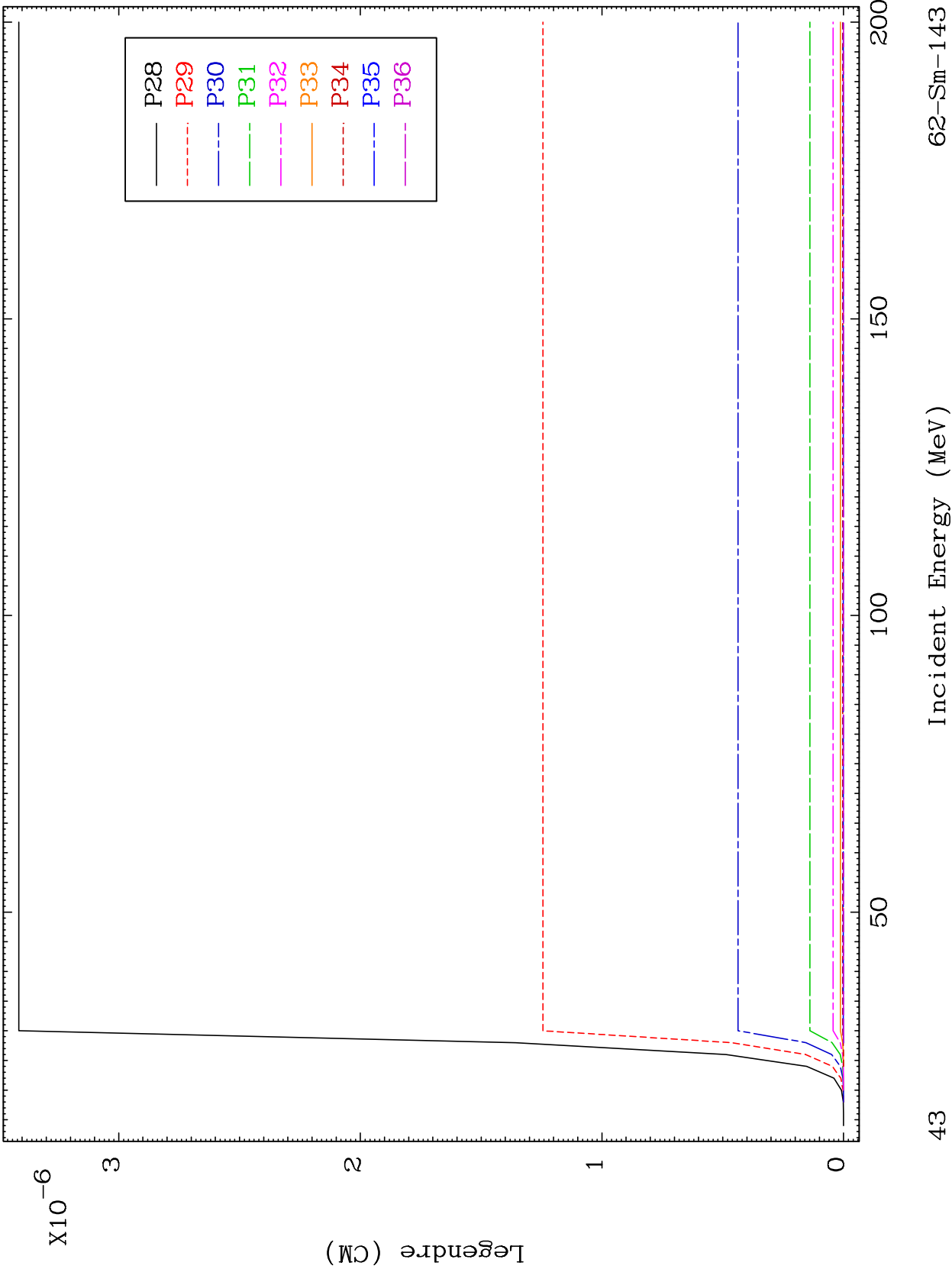
62-Sm-143



MAT 6222

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

62-Sm-143



43

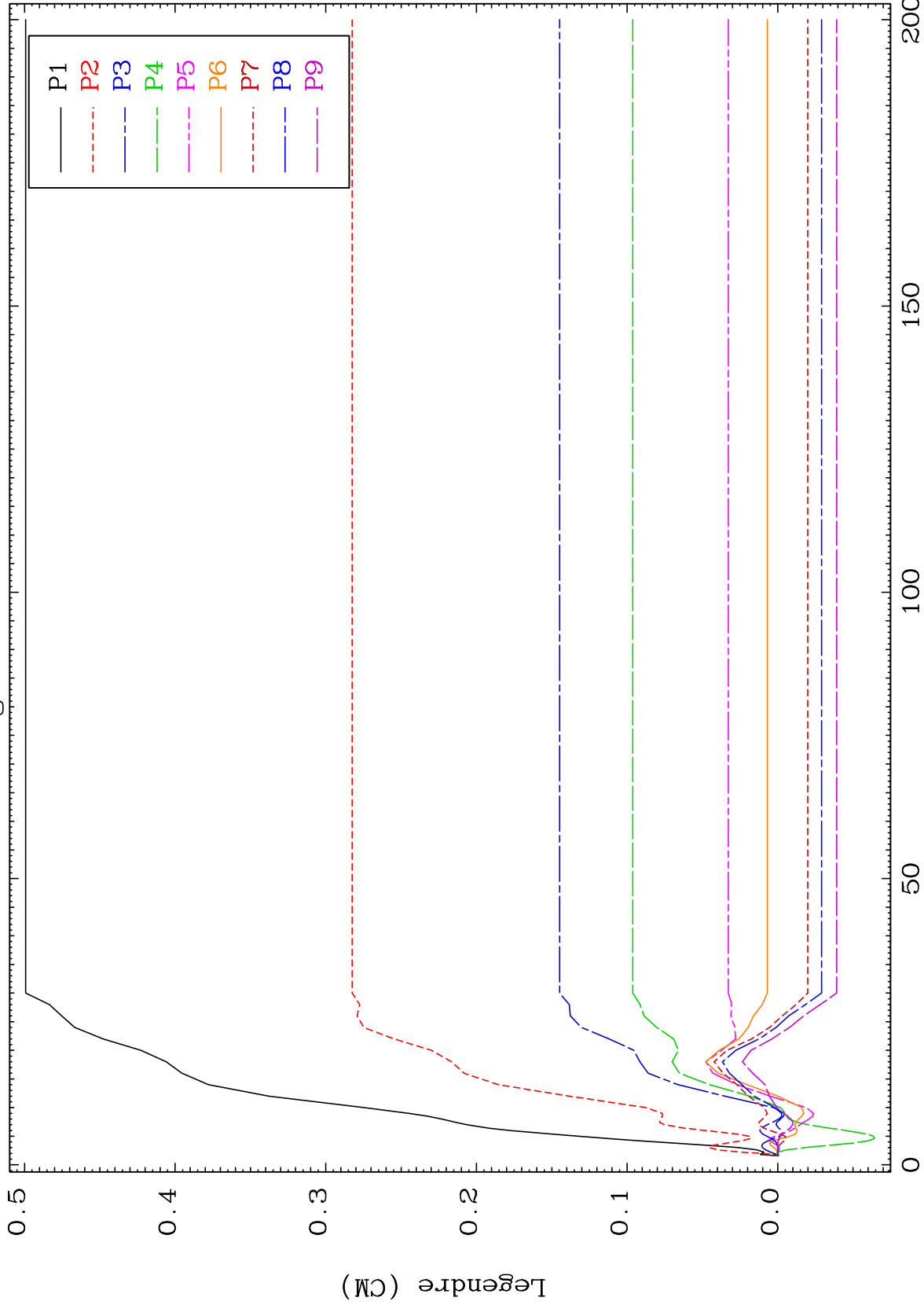
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



44

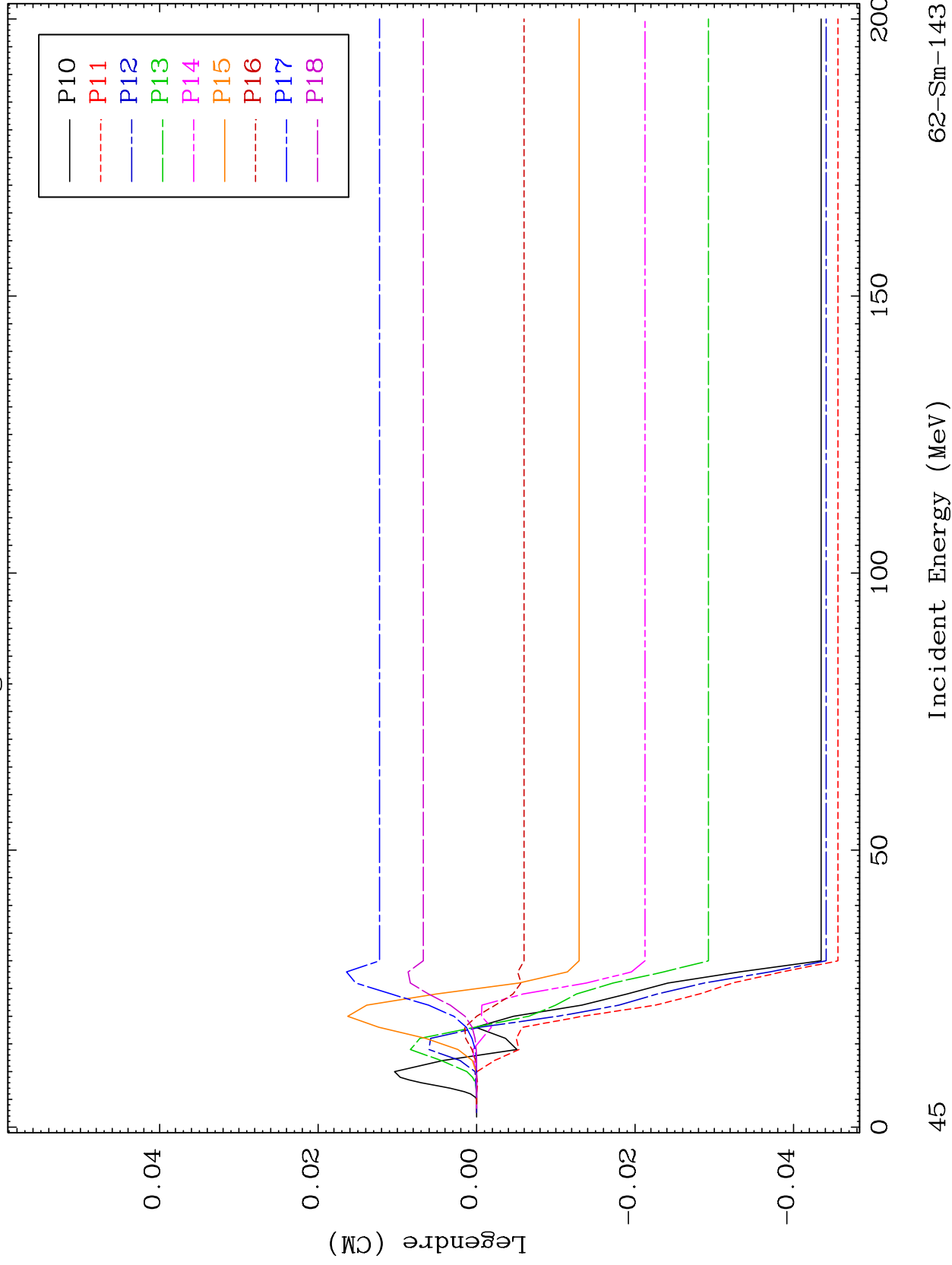
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



62-Sm-143

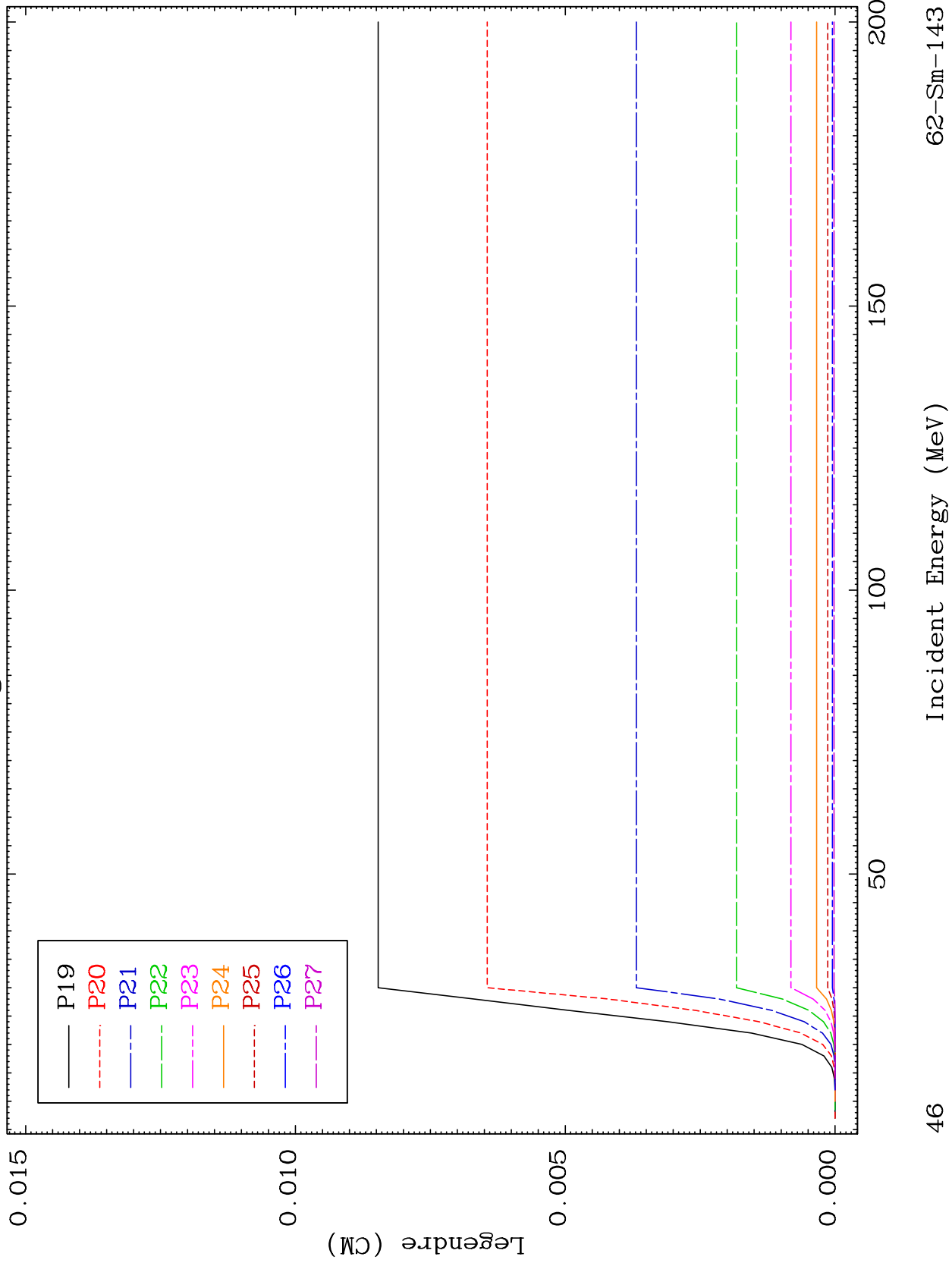
Incident Energy (MeV)

45

MAT 6222

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

62-Sm-143



46

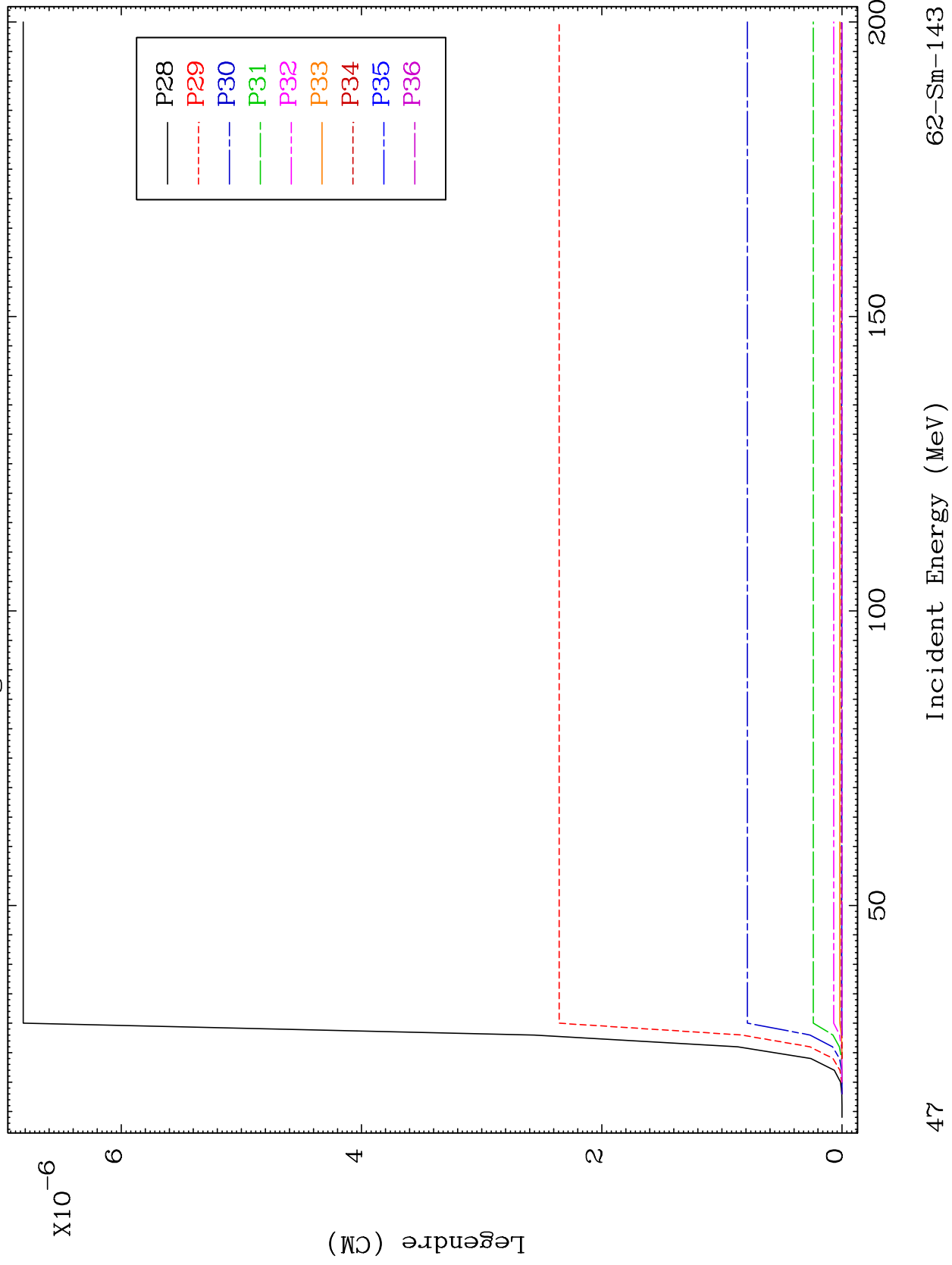
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



47

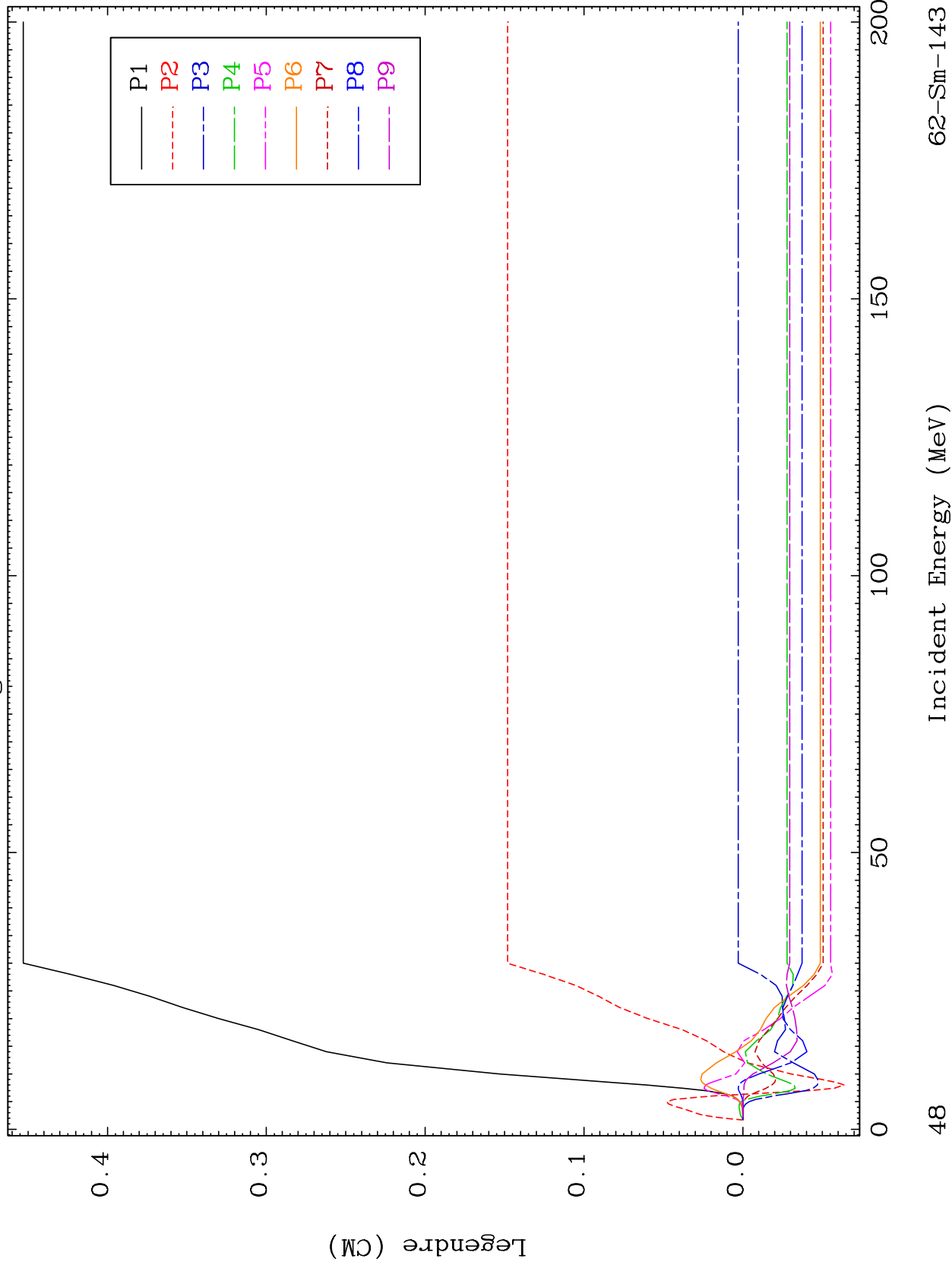
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



62-Sm-143

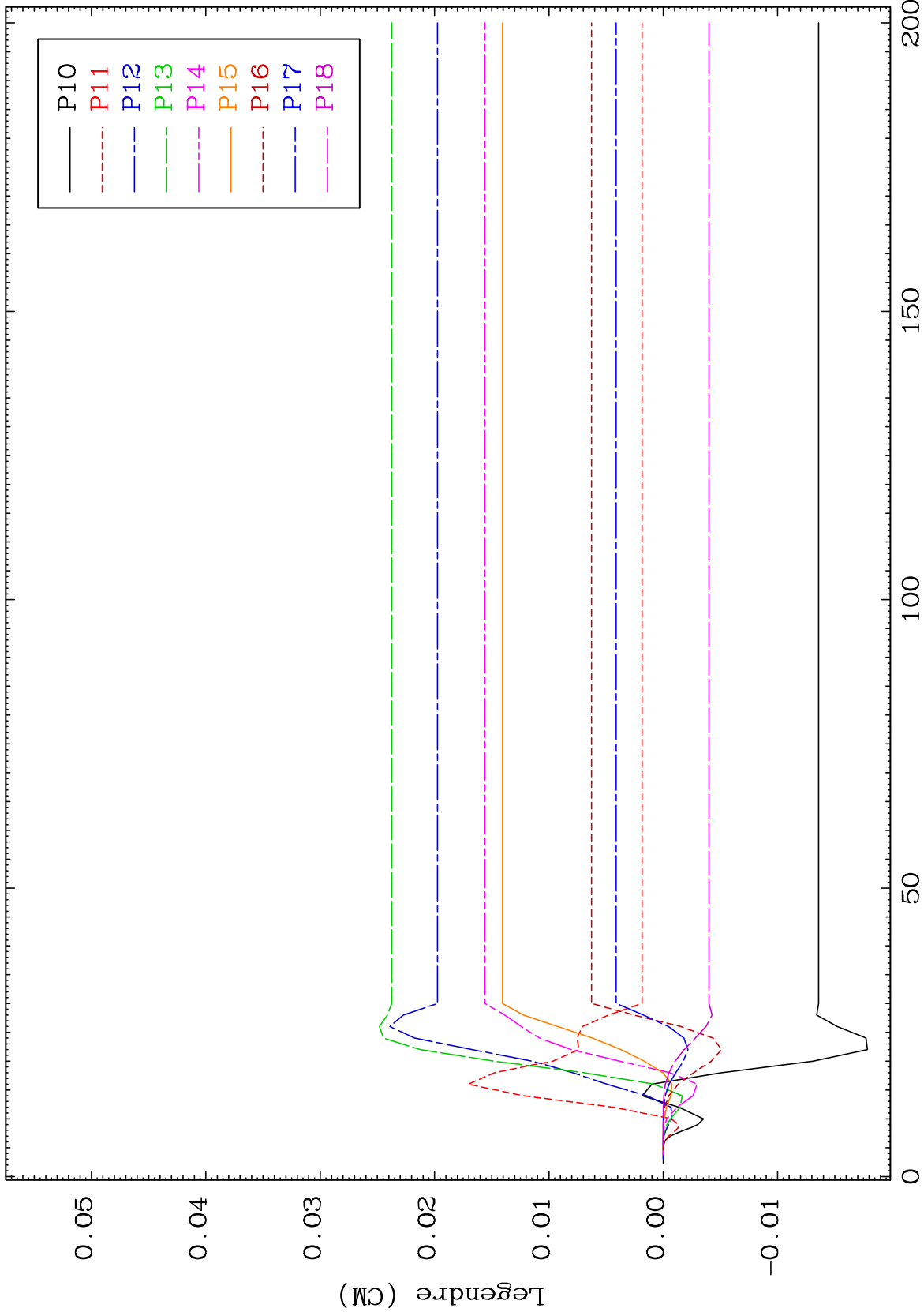
Incident Energy (MeV)

48

MAT 6222

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

62-Sm-143



49

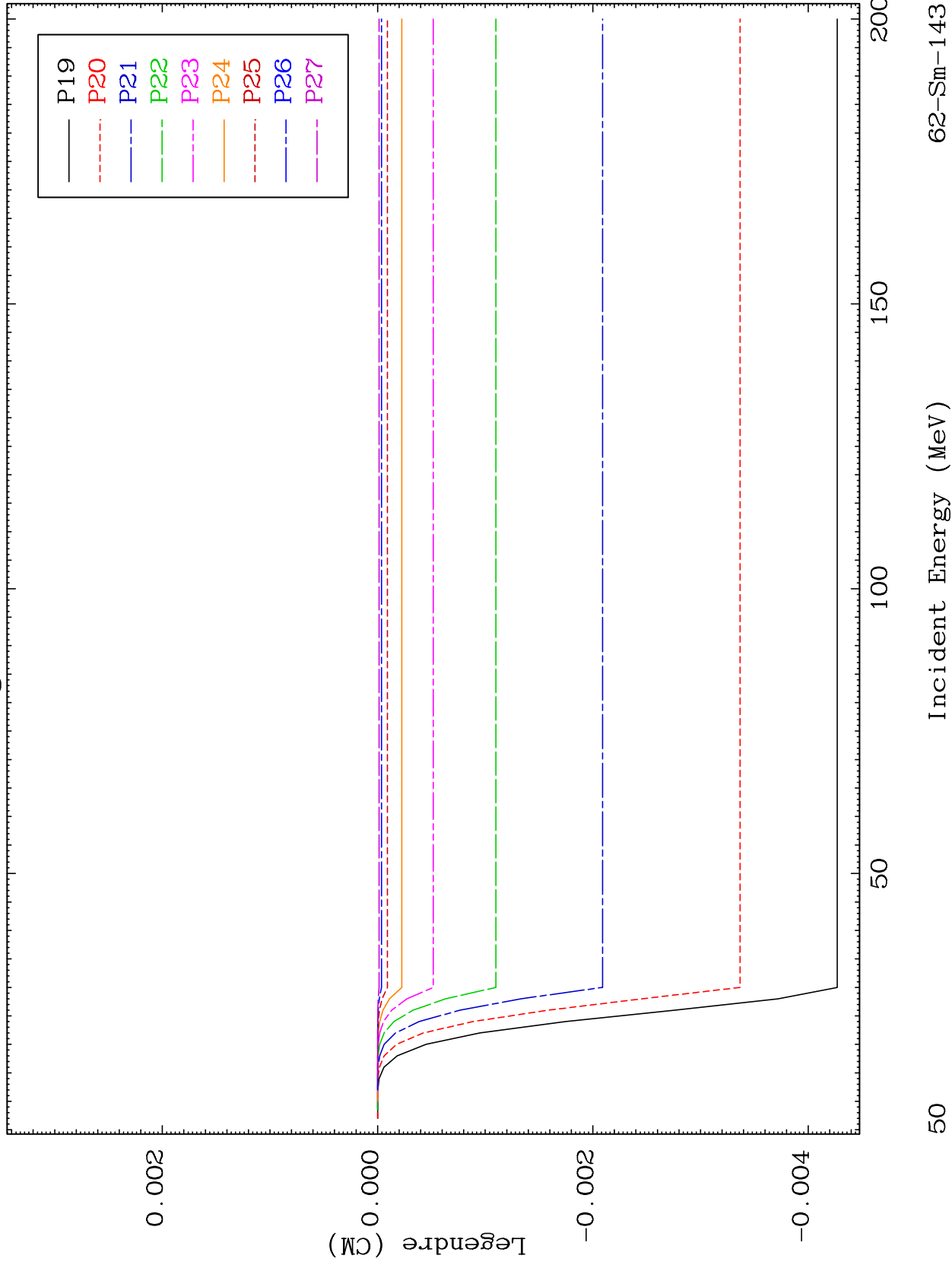
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



62-Sm-143

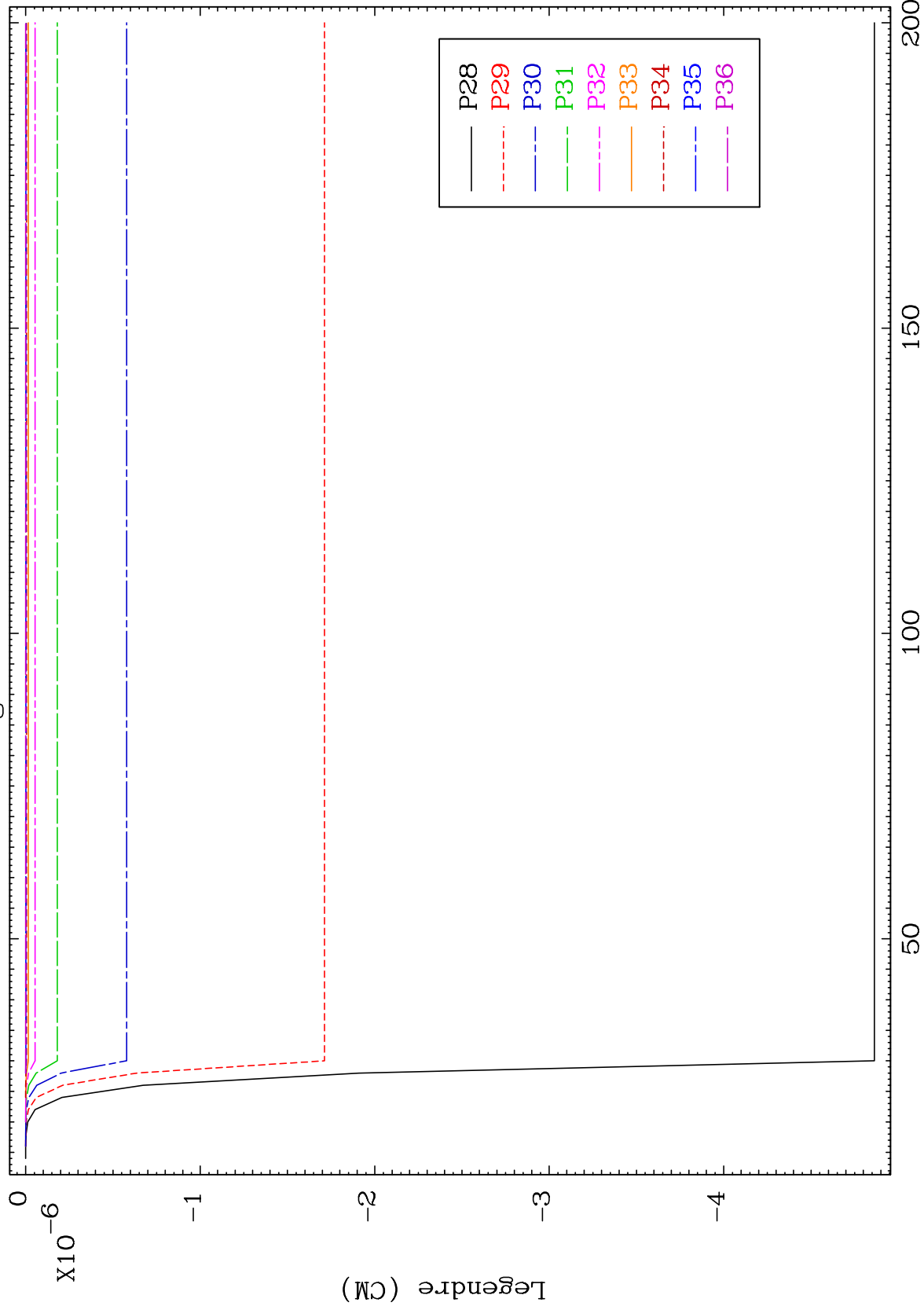
Incident Energy (MeV)

50

MAT 6222

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

62-Sm-143



51

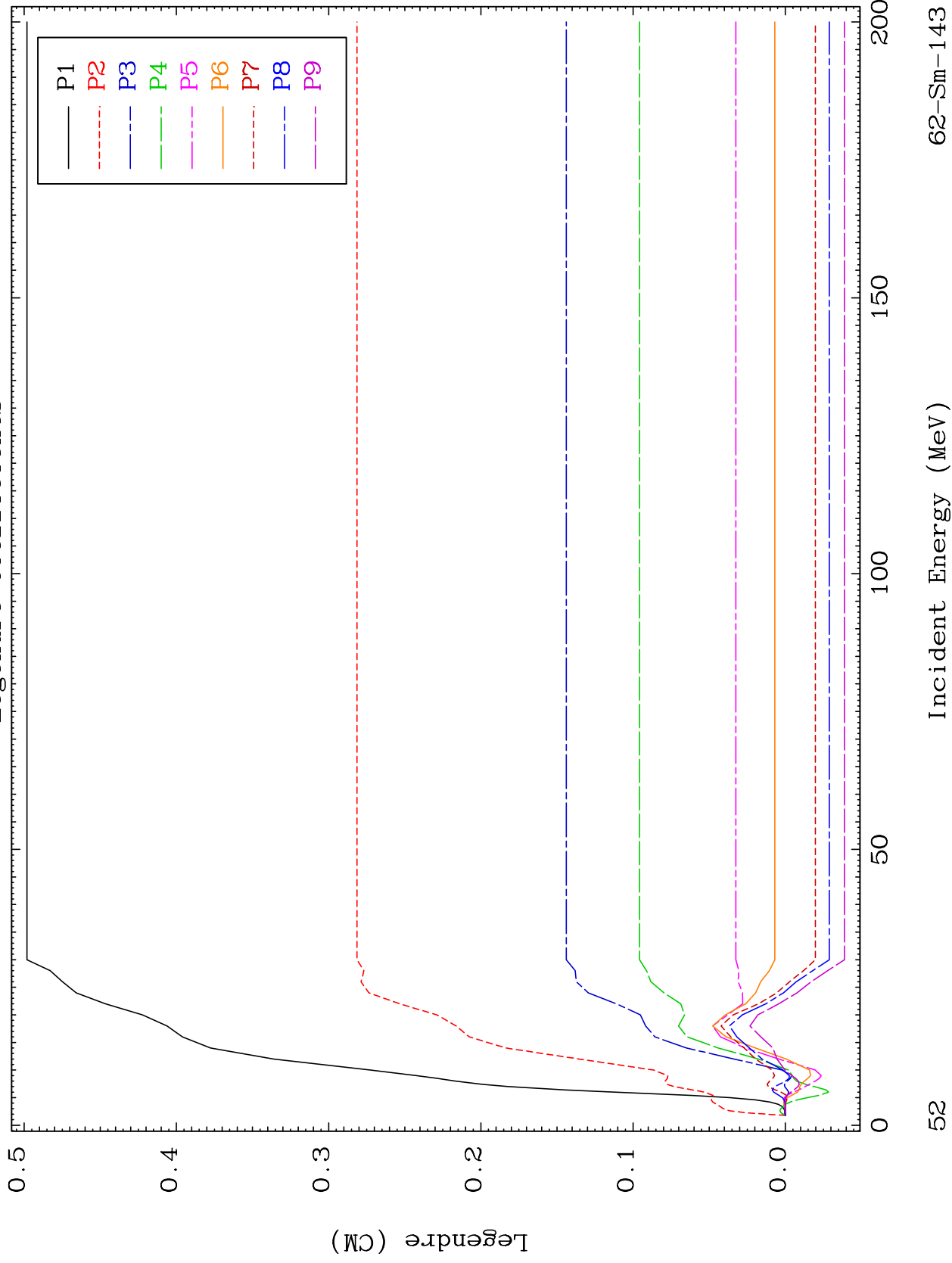
Incident Energy (MeV)

62-Sm-143

MAT 62222

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

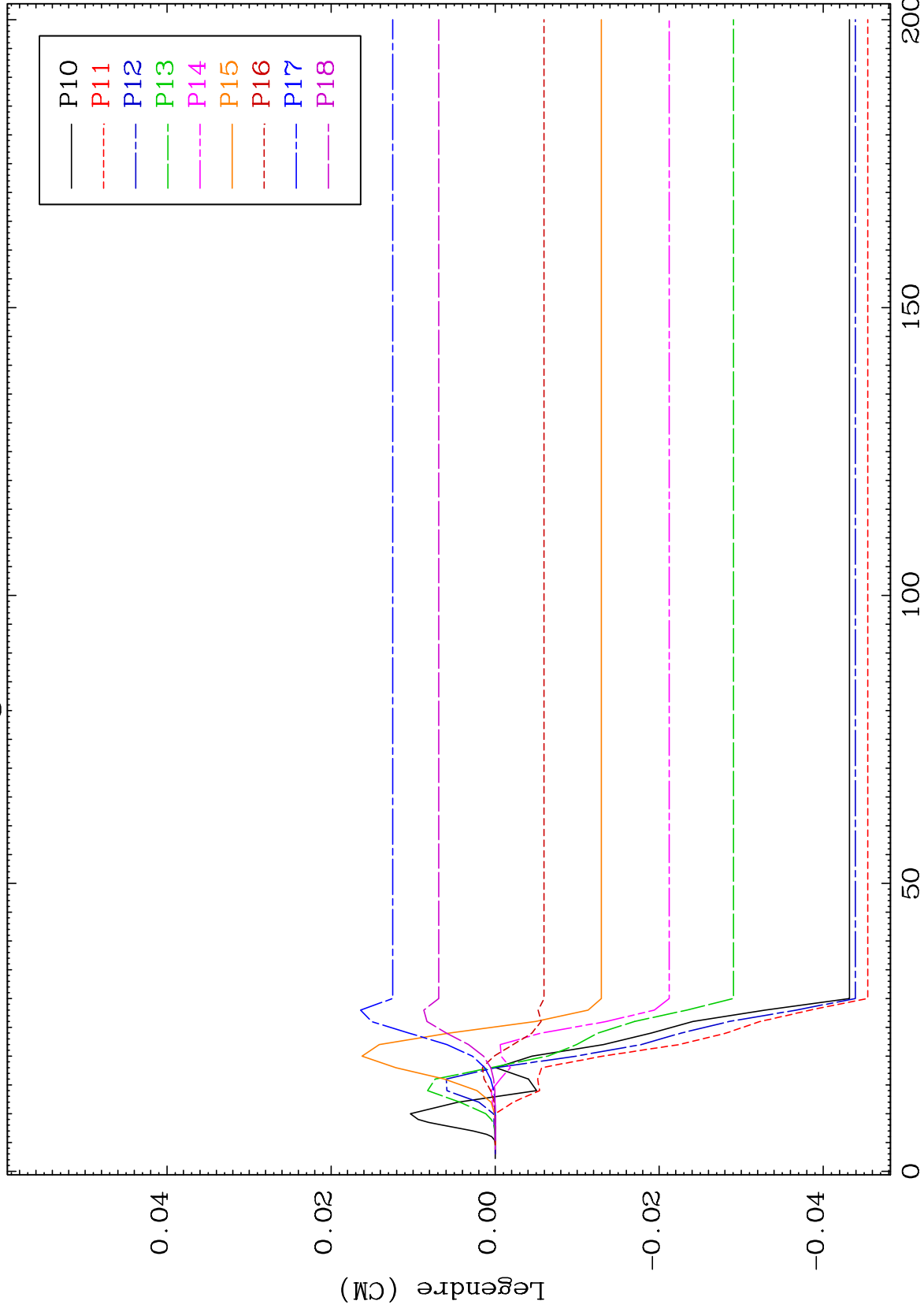
62-Sm-143



MAT 6222

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

62-Sm-143



53

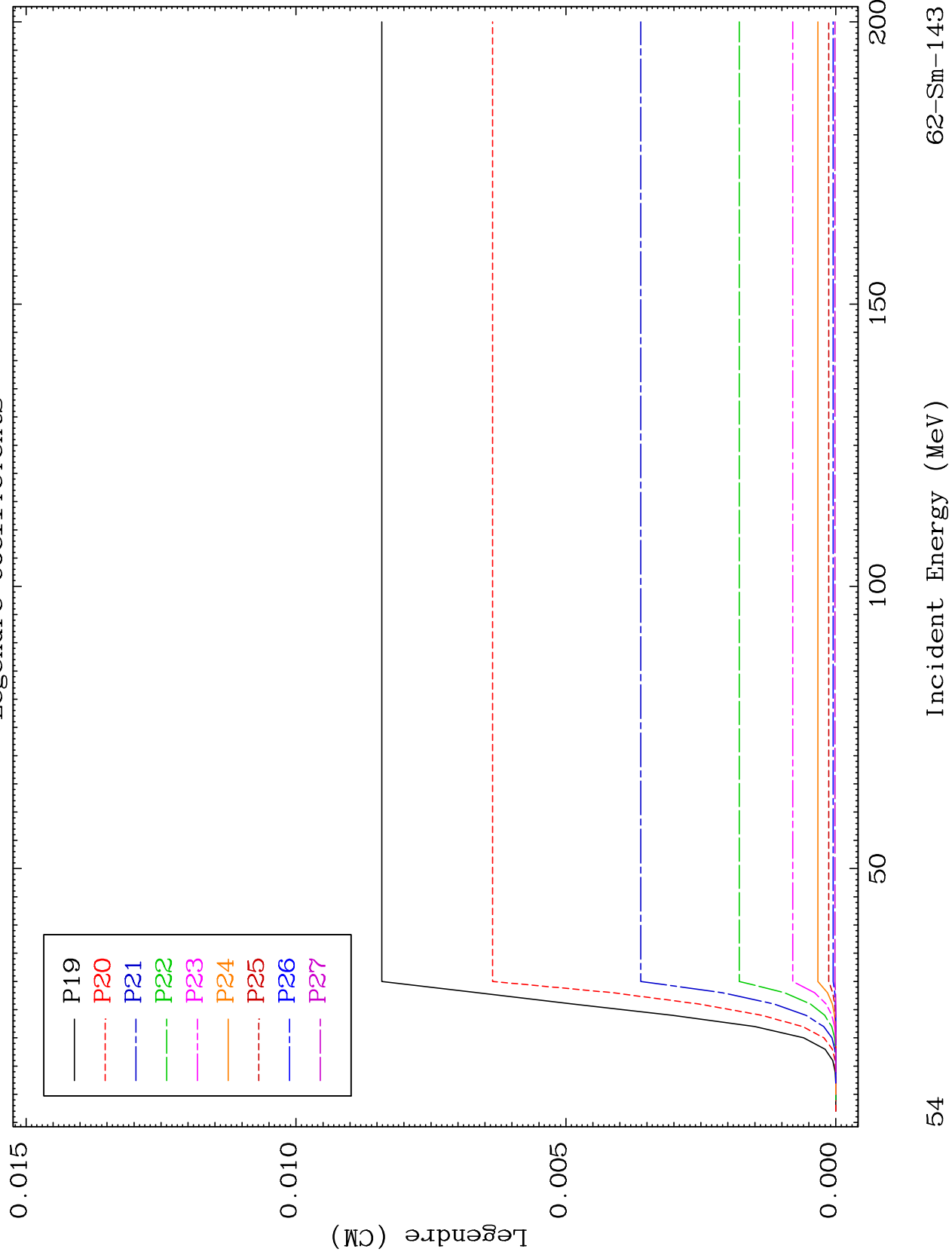
Incident Energy (MeV)

62-Sm-143

MAT 62222

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

62-Sm-143



54

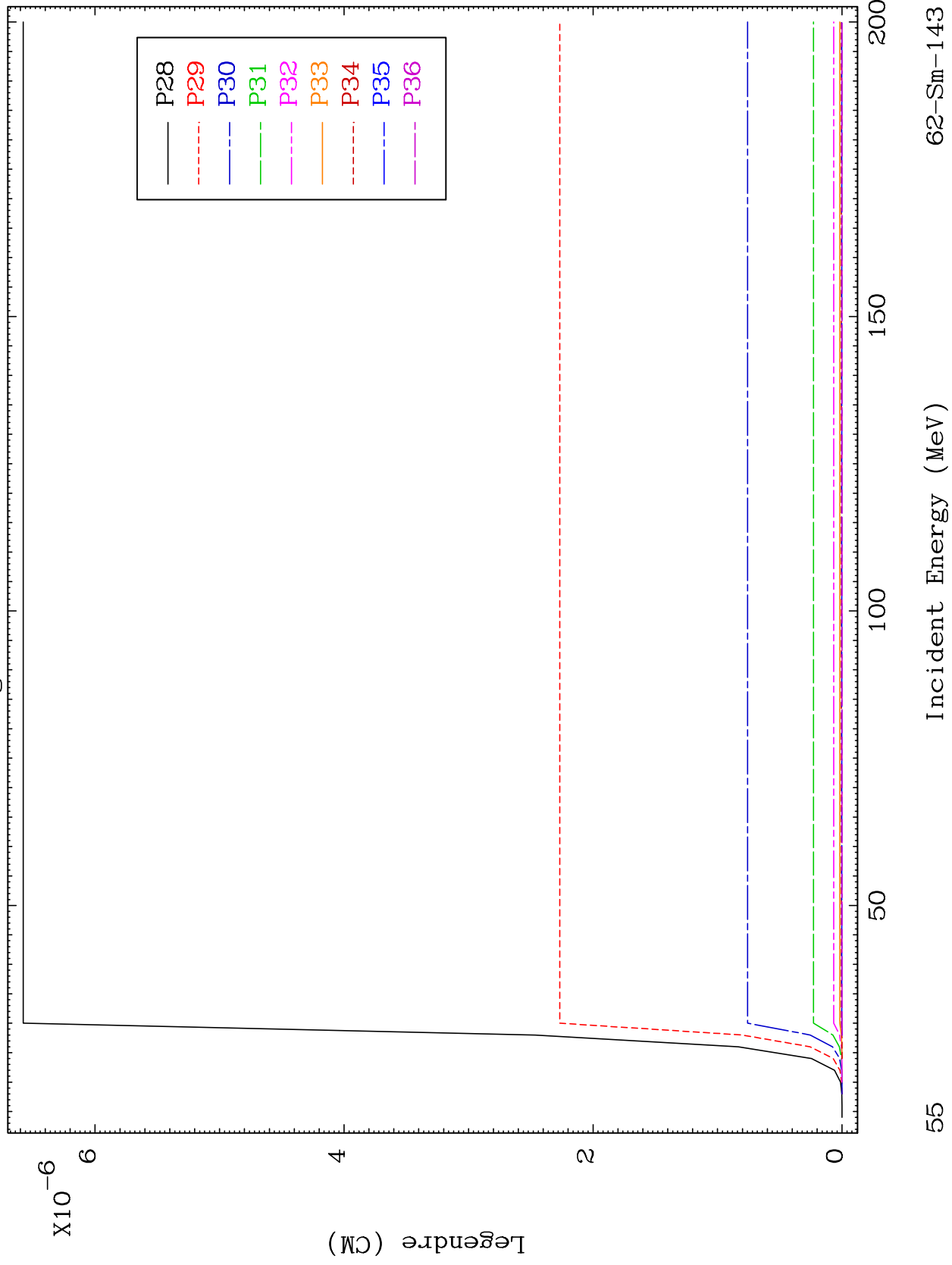
Incident Energy (MeV)

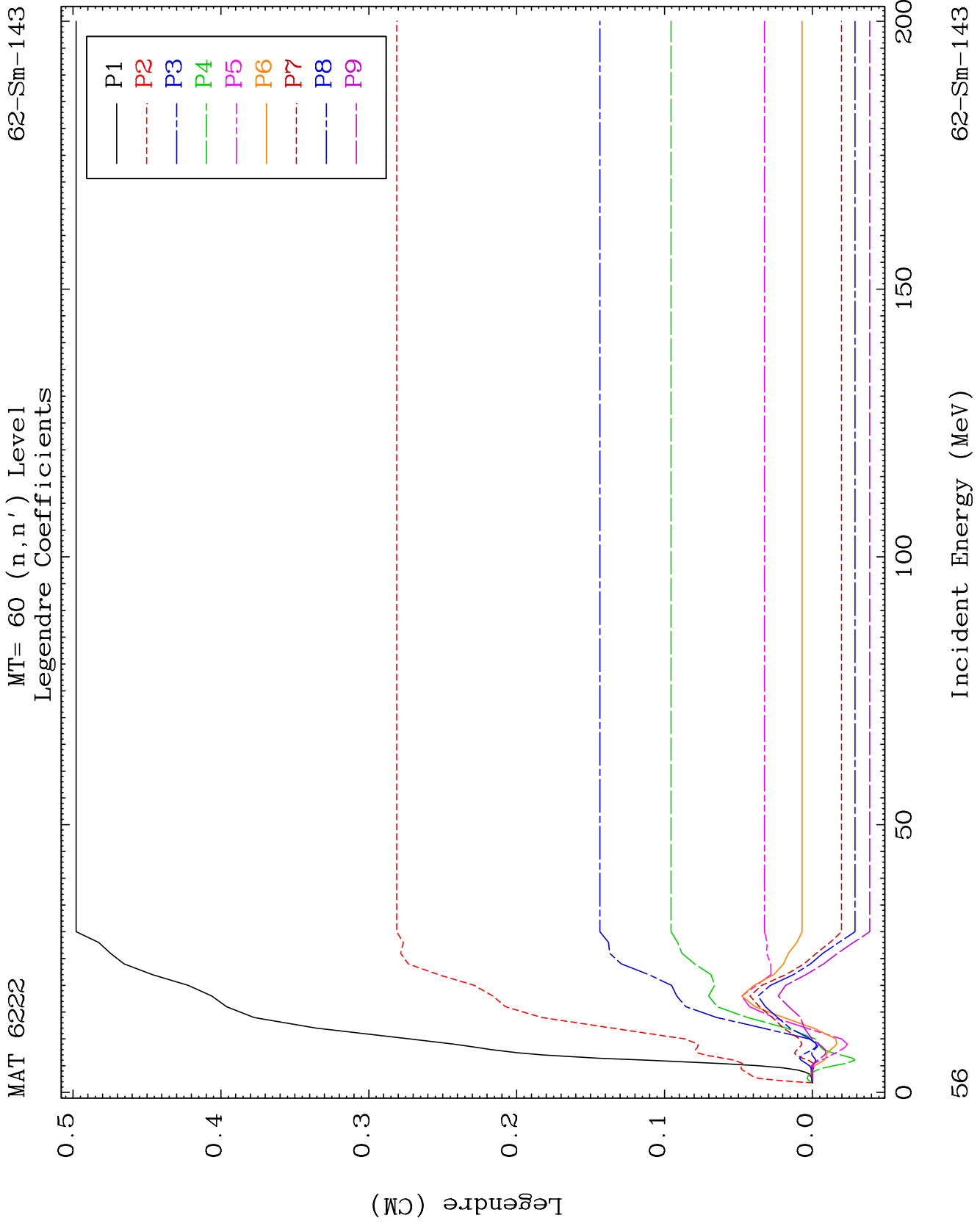
62-Sm-143

MAT 6222

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

62-Sm-143





62-Sm-143

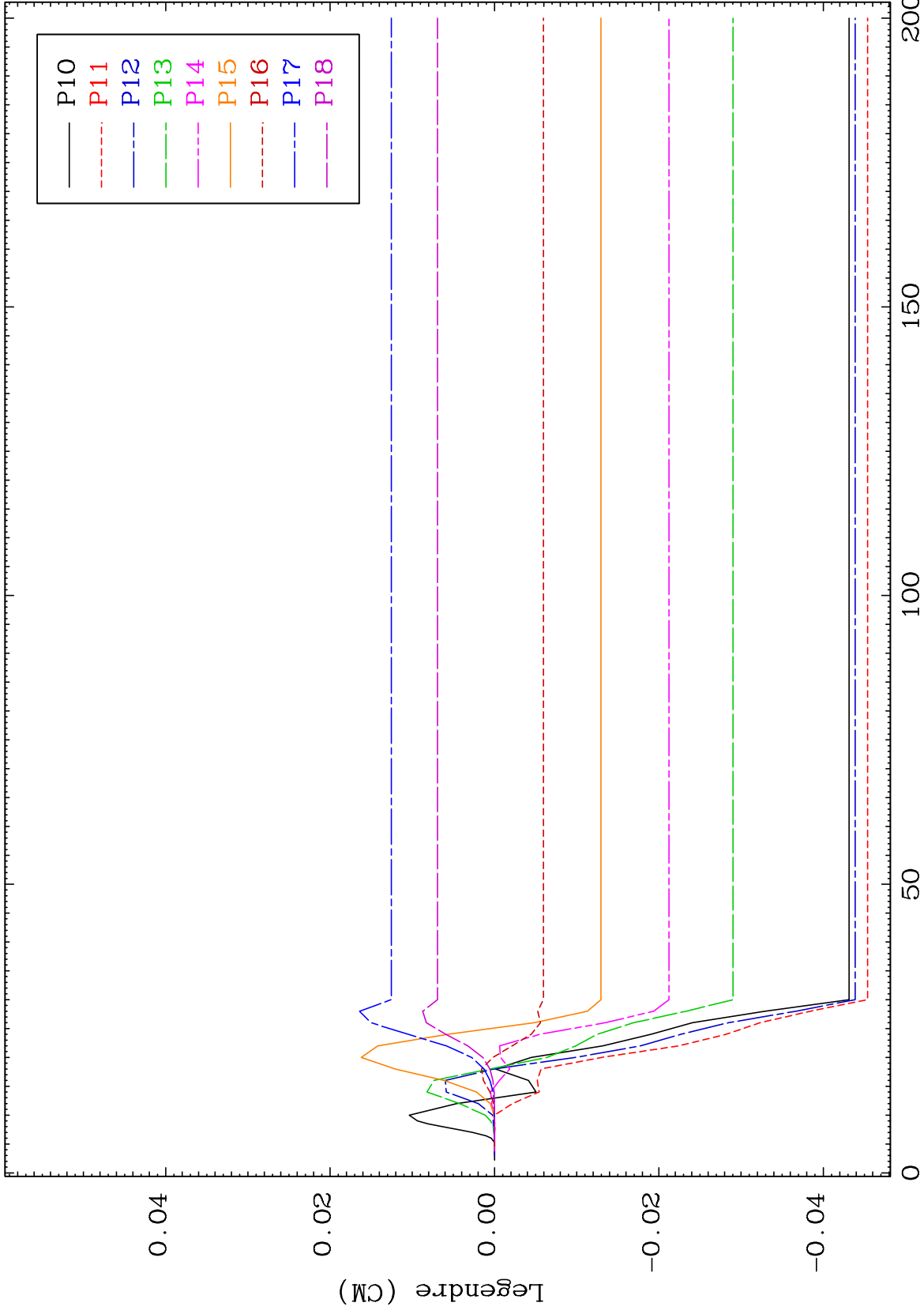
Incident Energy (MeV)

56

MAT 6222

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

62-Sm-143



57

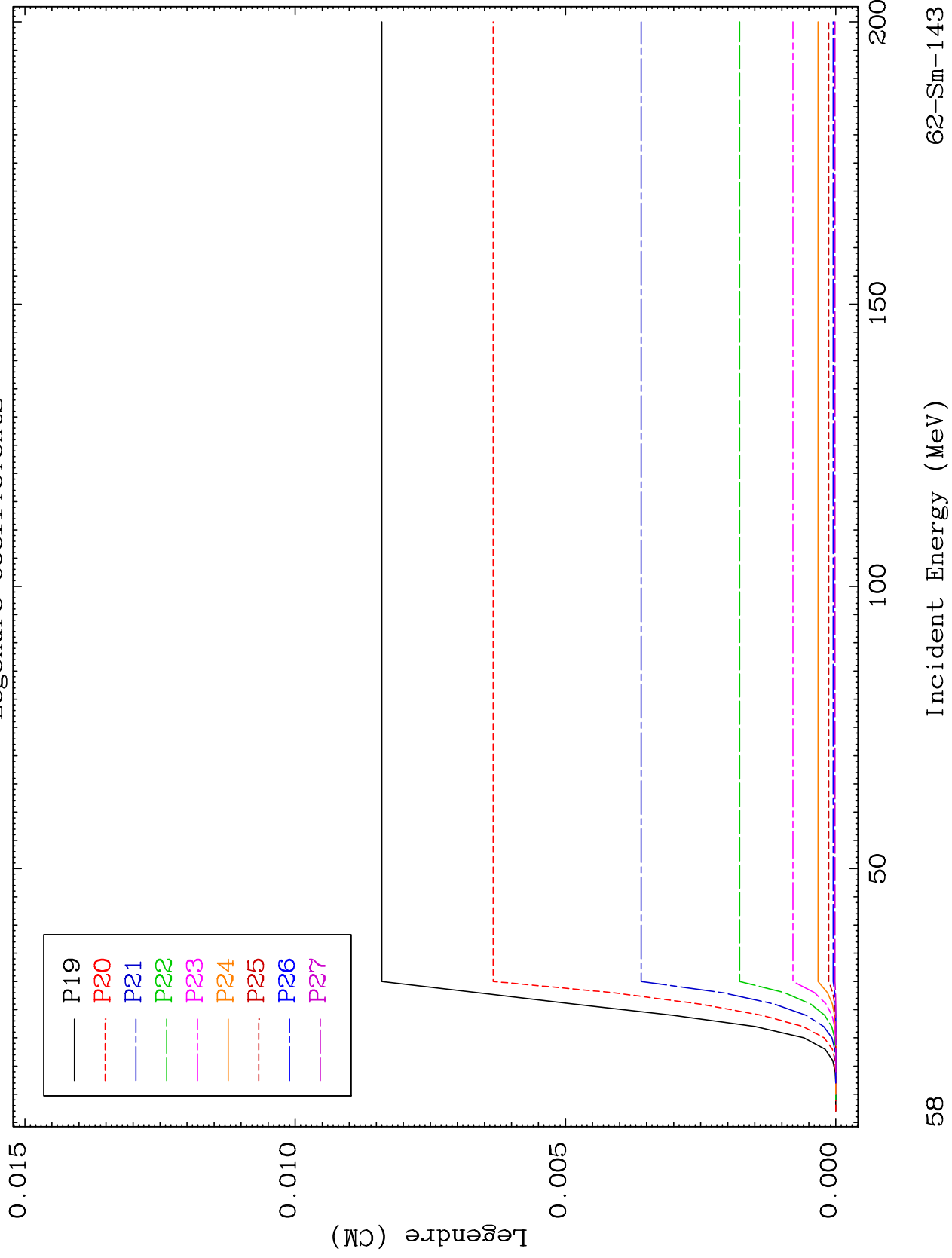
Incident Energy (MeV)

62-Sm-143

MAT 62222

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

62-Sm-143



58

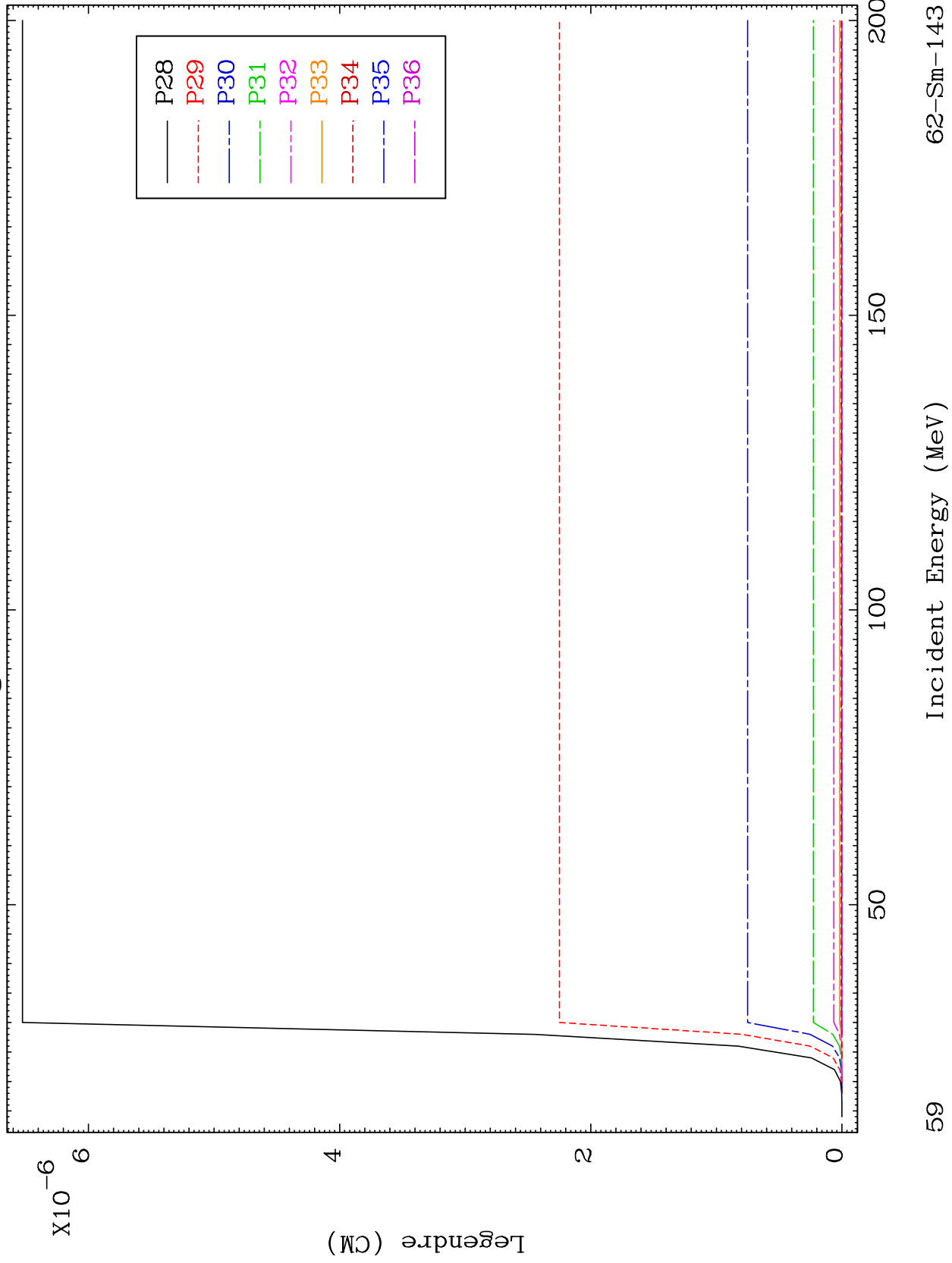
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



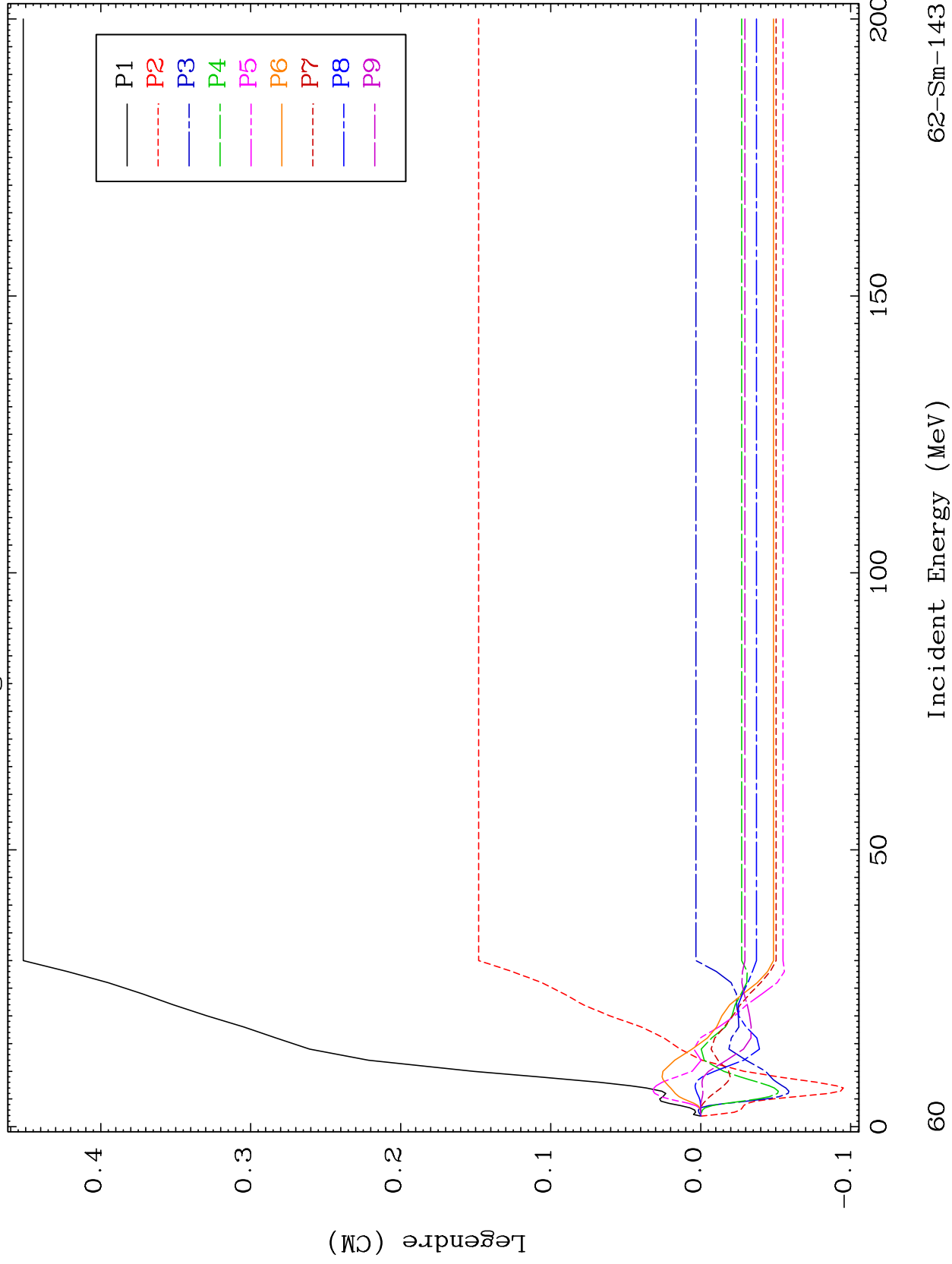
59

62-Sm-143

MAT 6222

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

62-Sm-143

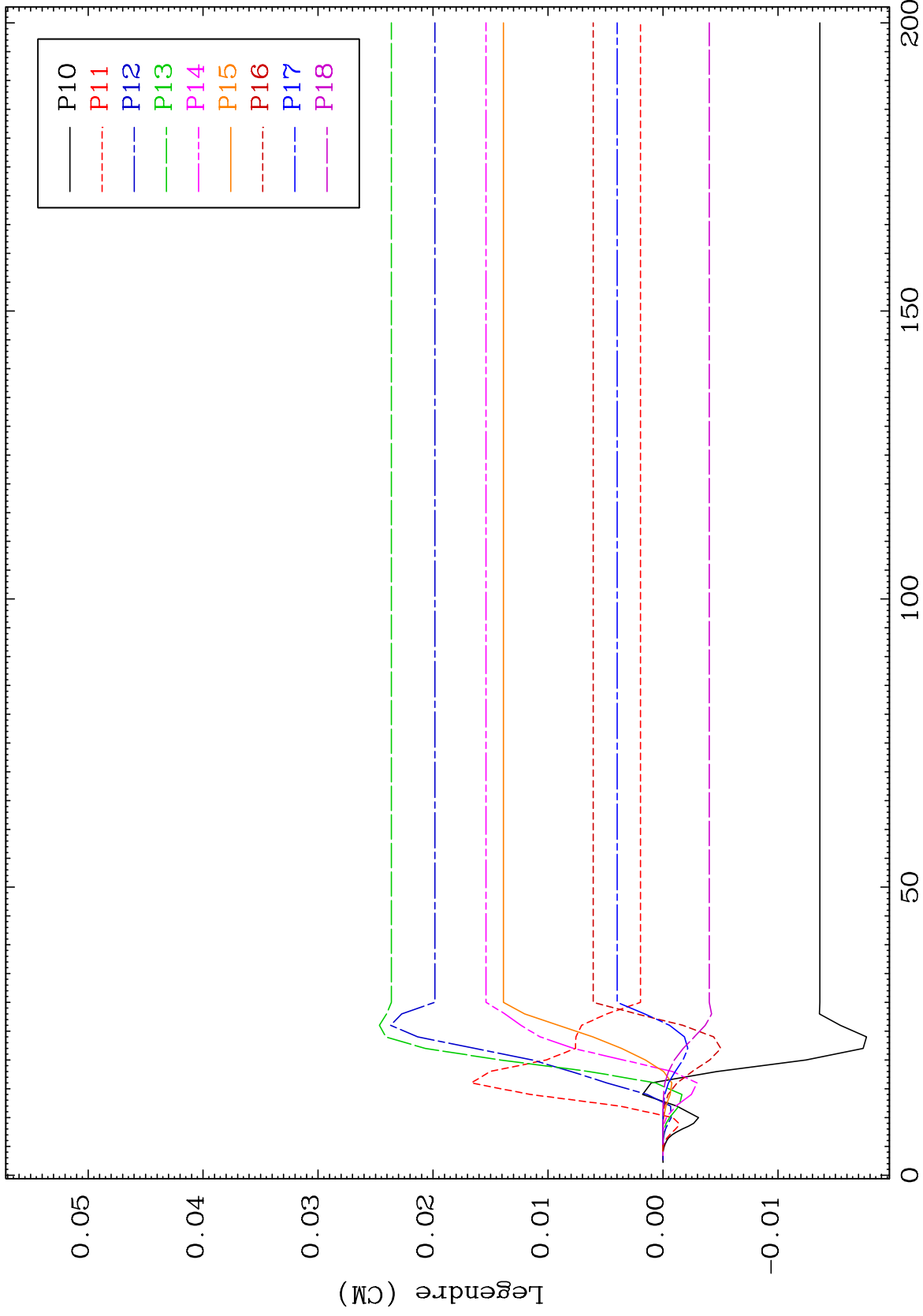


62-Sm-143

MAT 62222

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

62-Sm-143



61

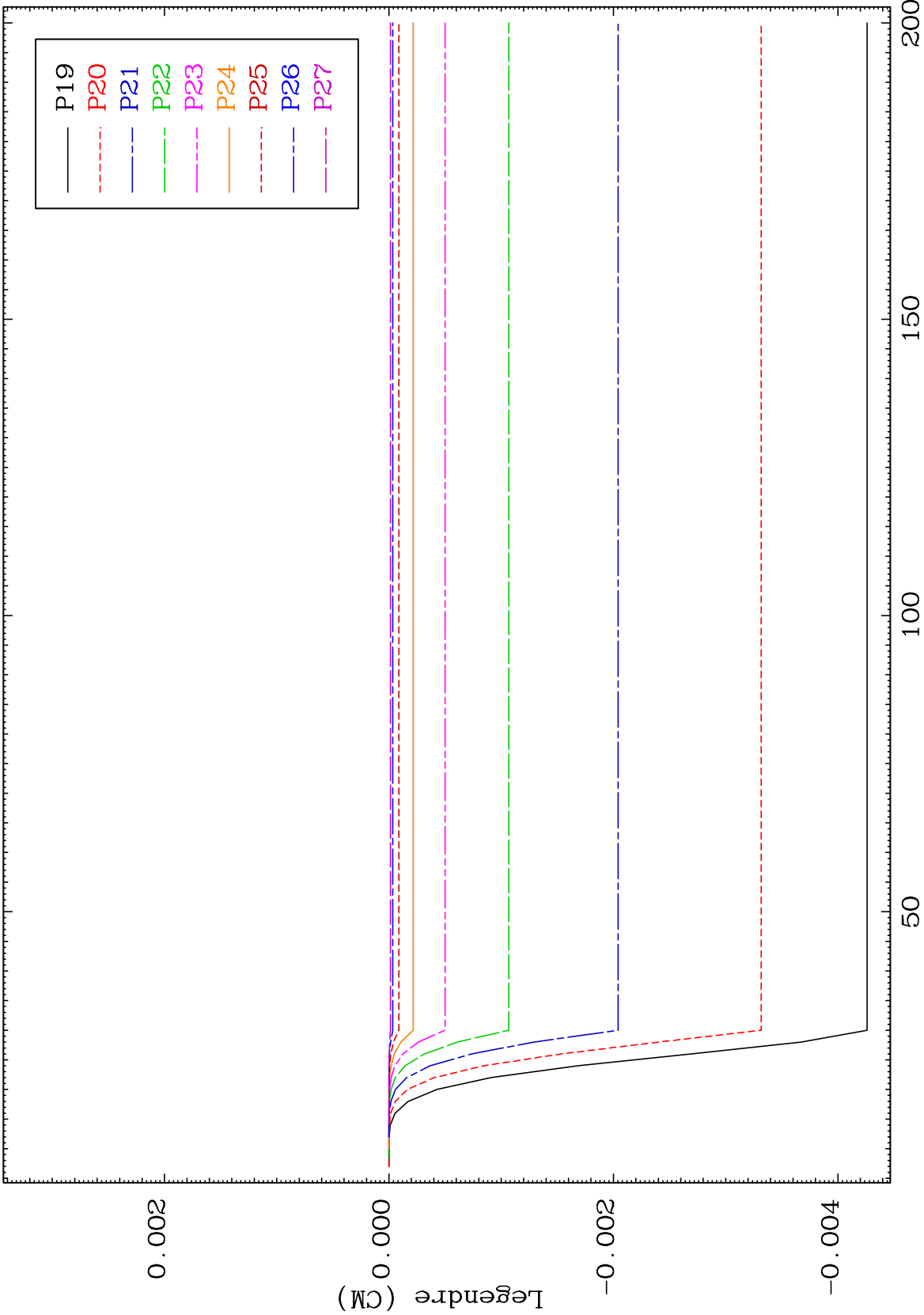
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

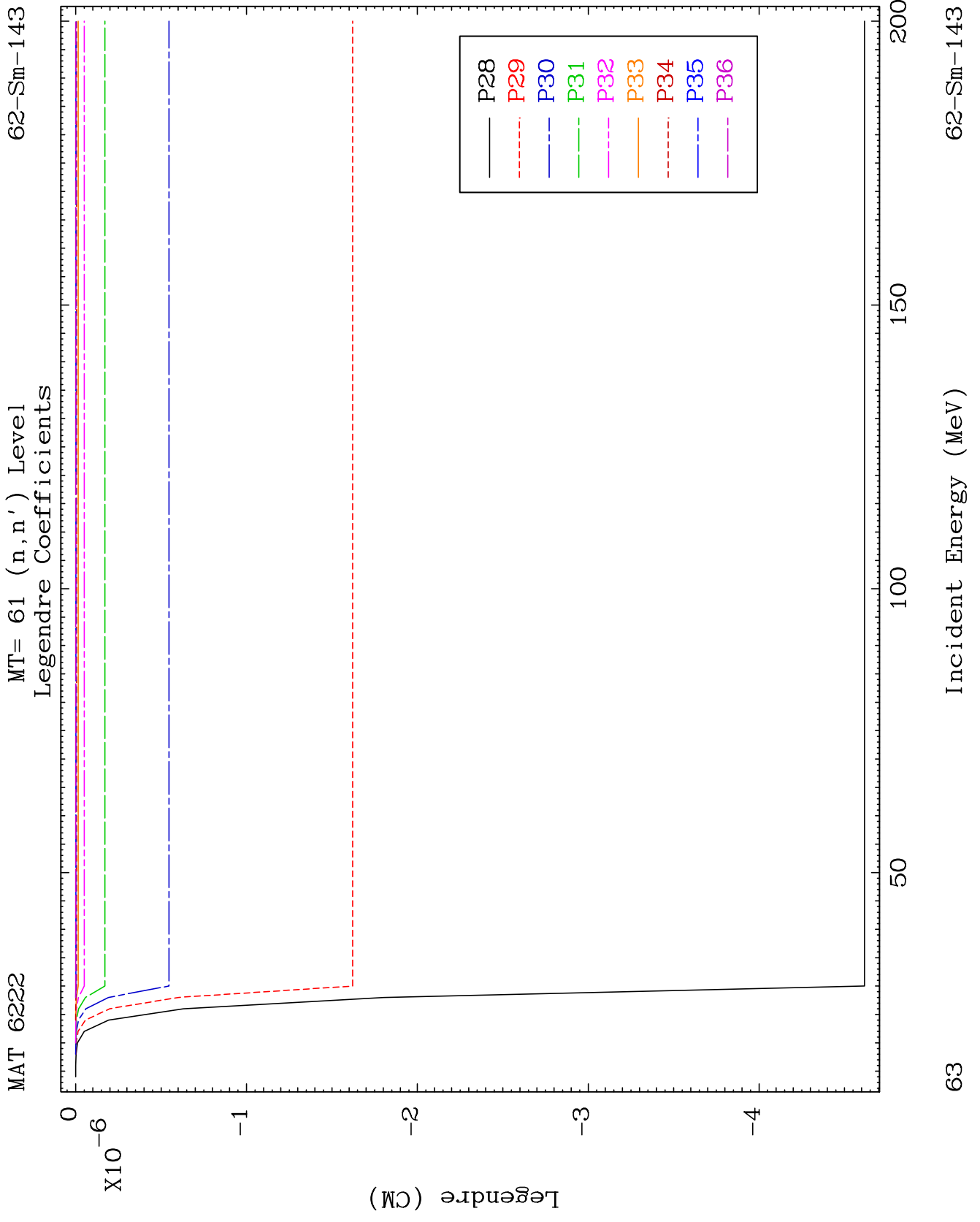
62-Sm-143

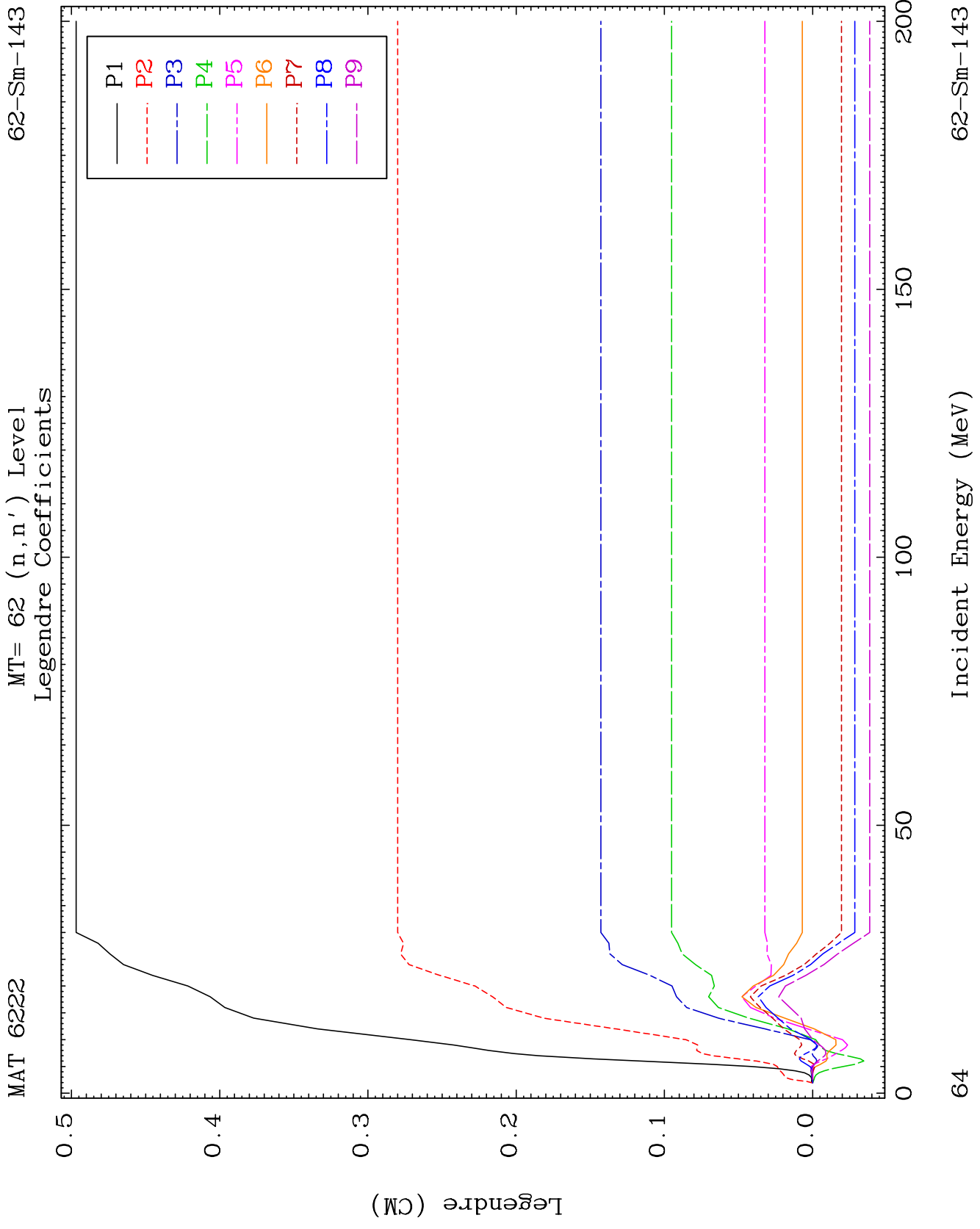


62

Incident Energy (MeV)

62-Sm-143

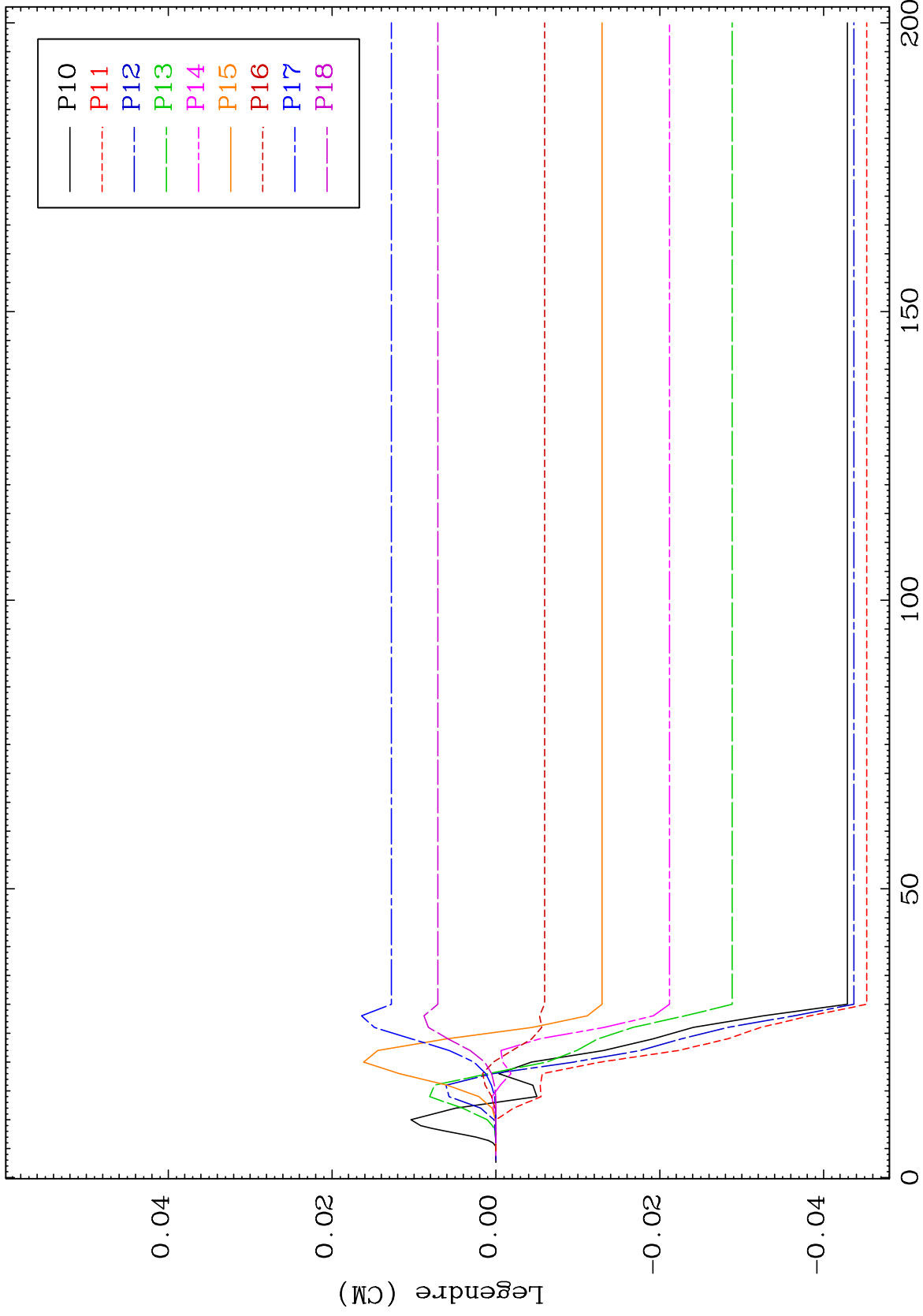




MAT 6222

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

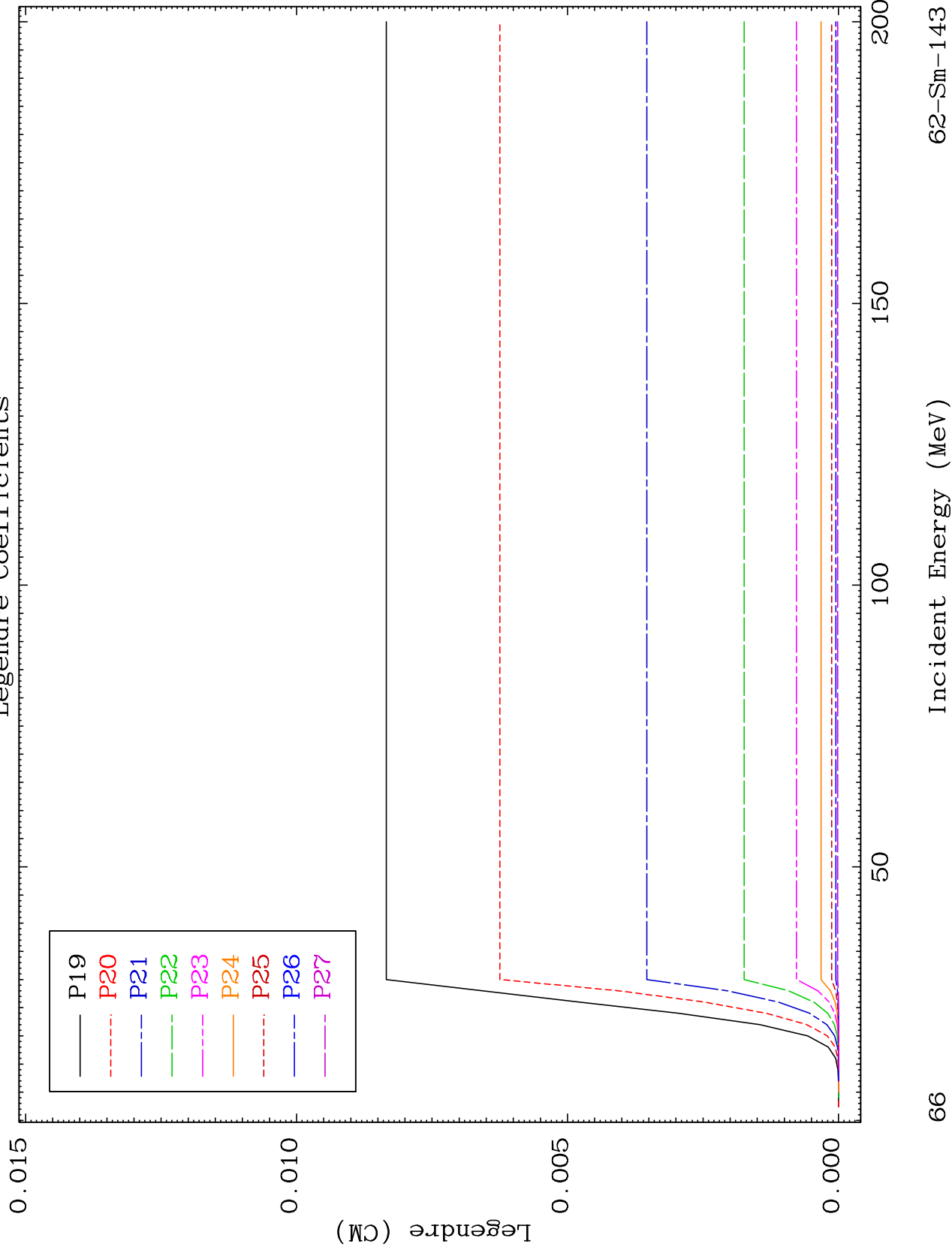
62-Sm-143



65

Incident Energy (MeV)

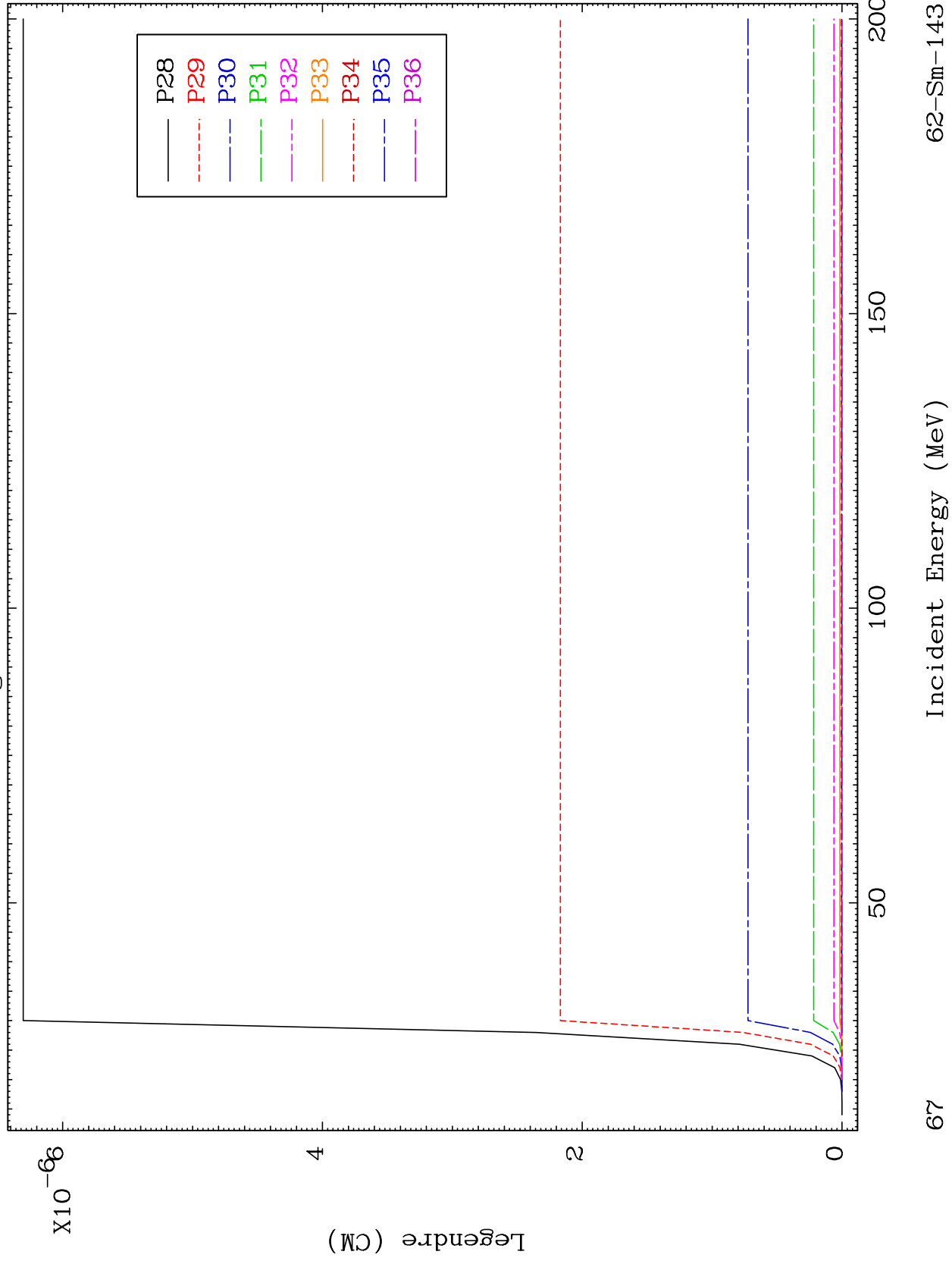
62-Sm-143



MAT 6222

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

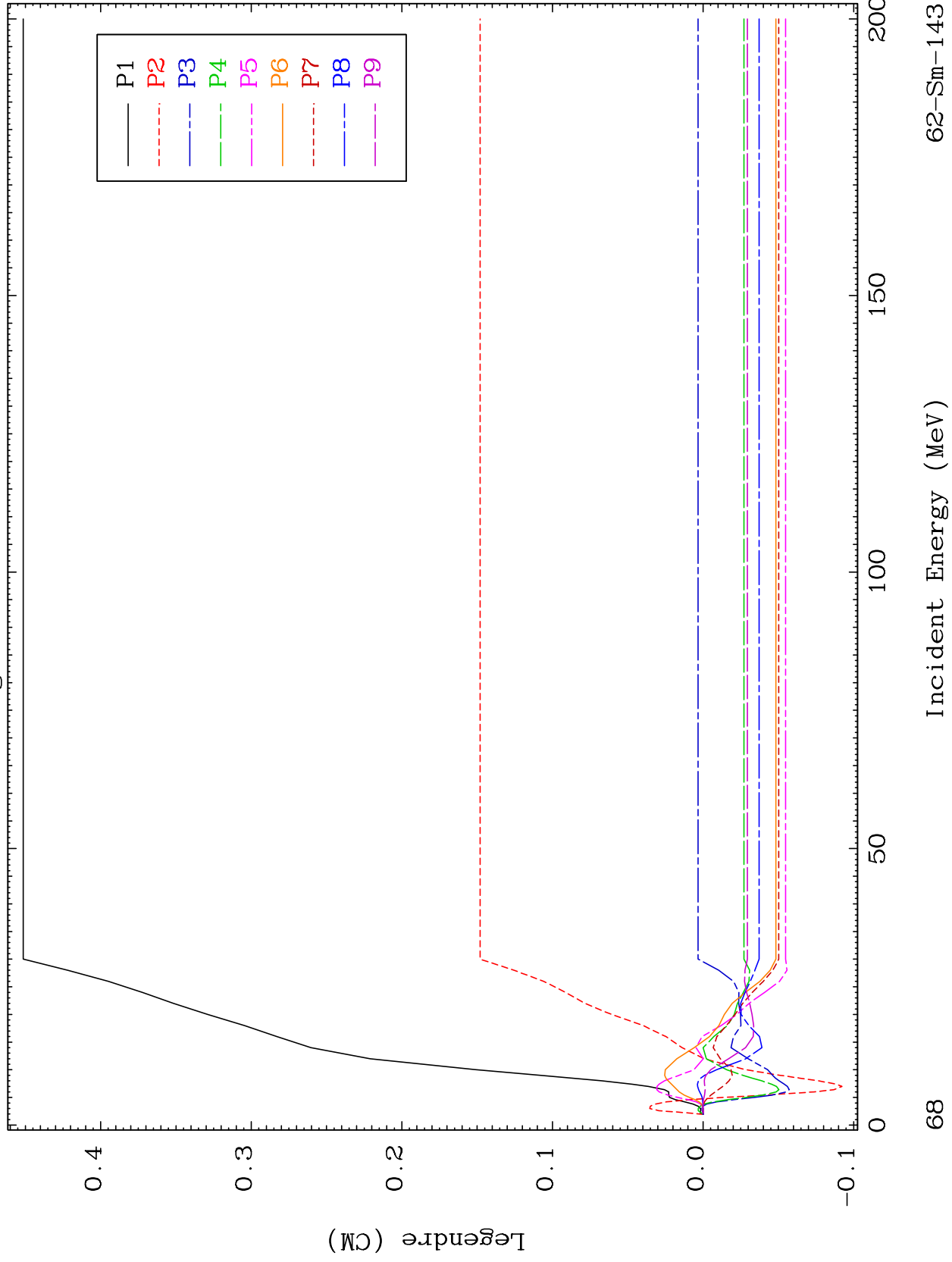
62-Sm-143



MAT 6222

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

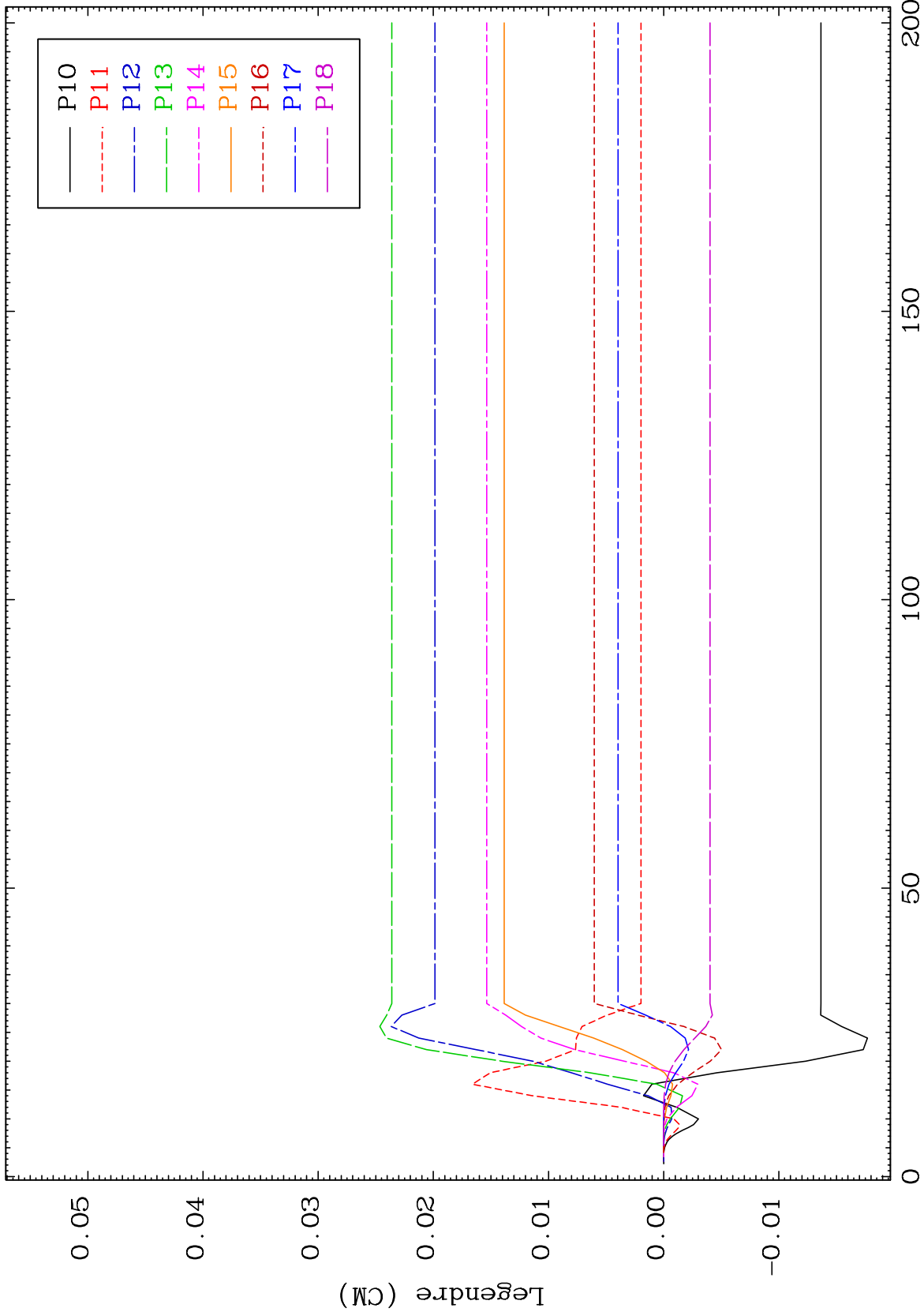
62-Sm-143



MAT 62222

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

62-Sm-143



69

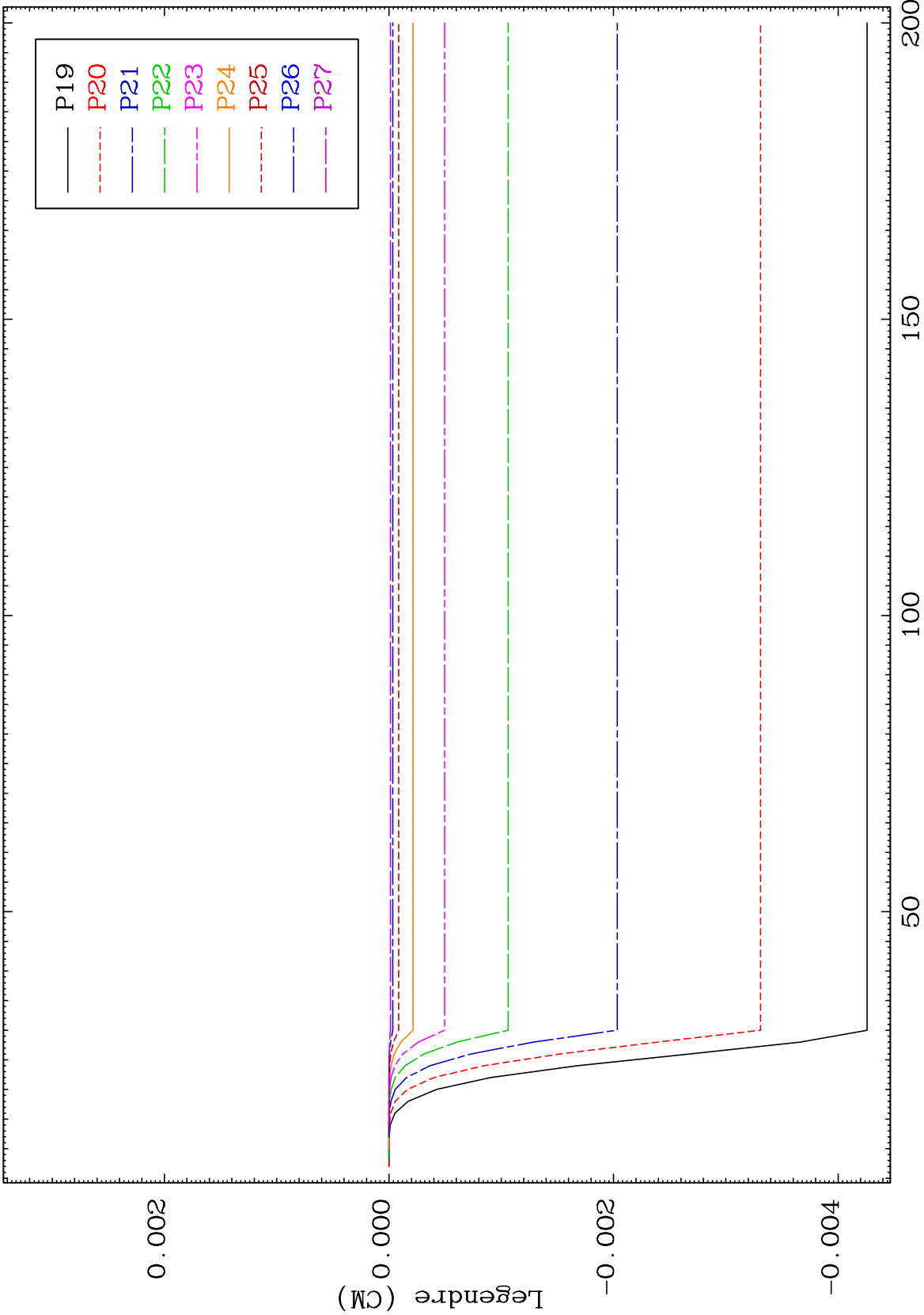
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

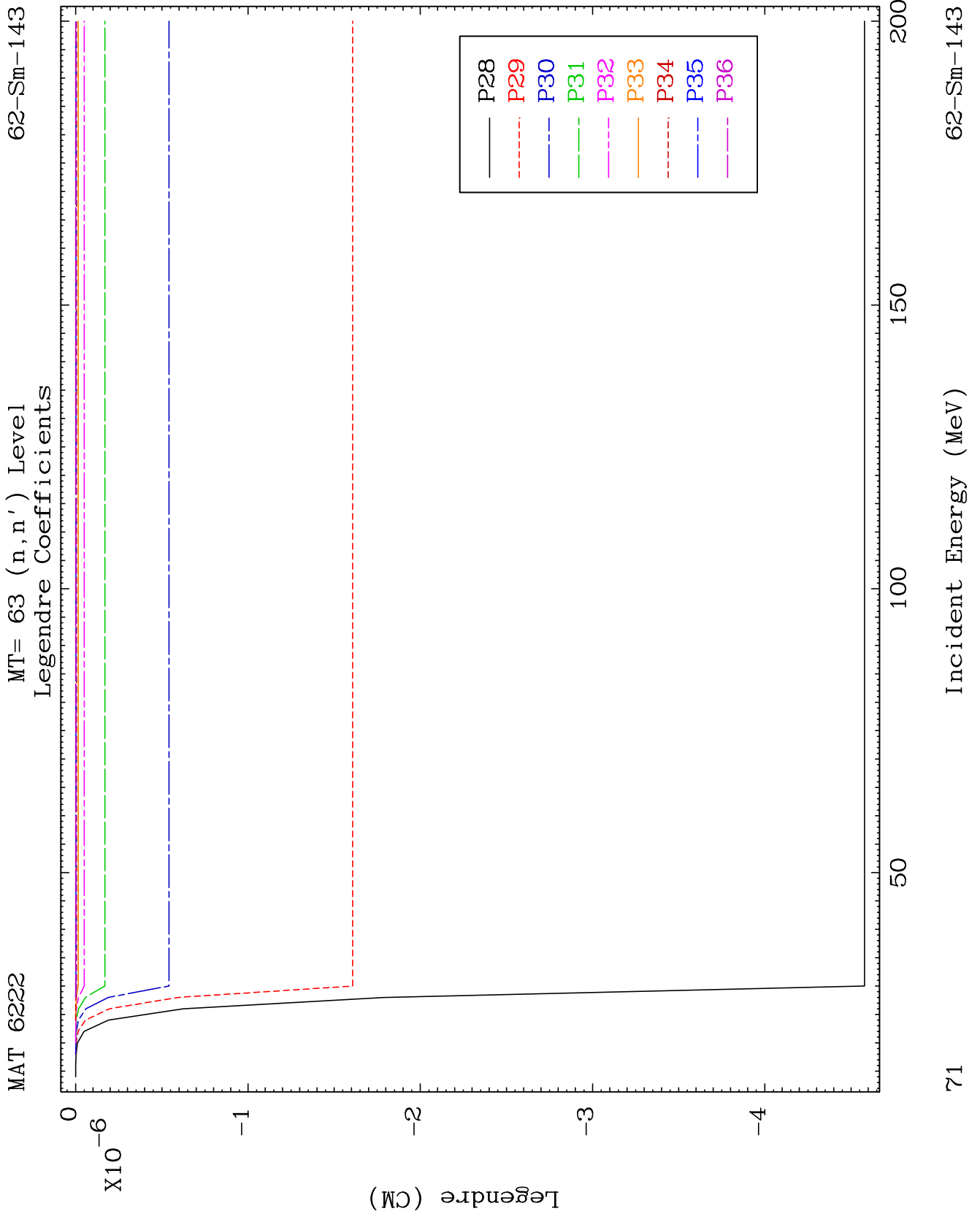
62-Sm-143



70

Incident Energy (MeV)

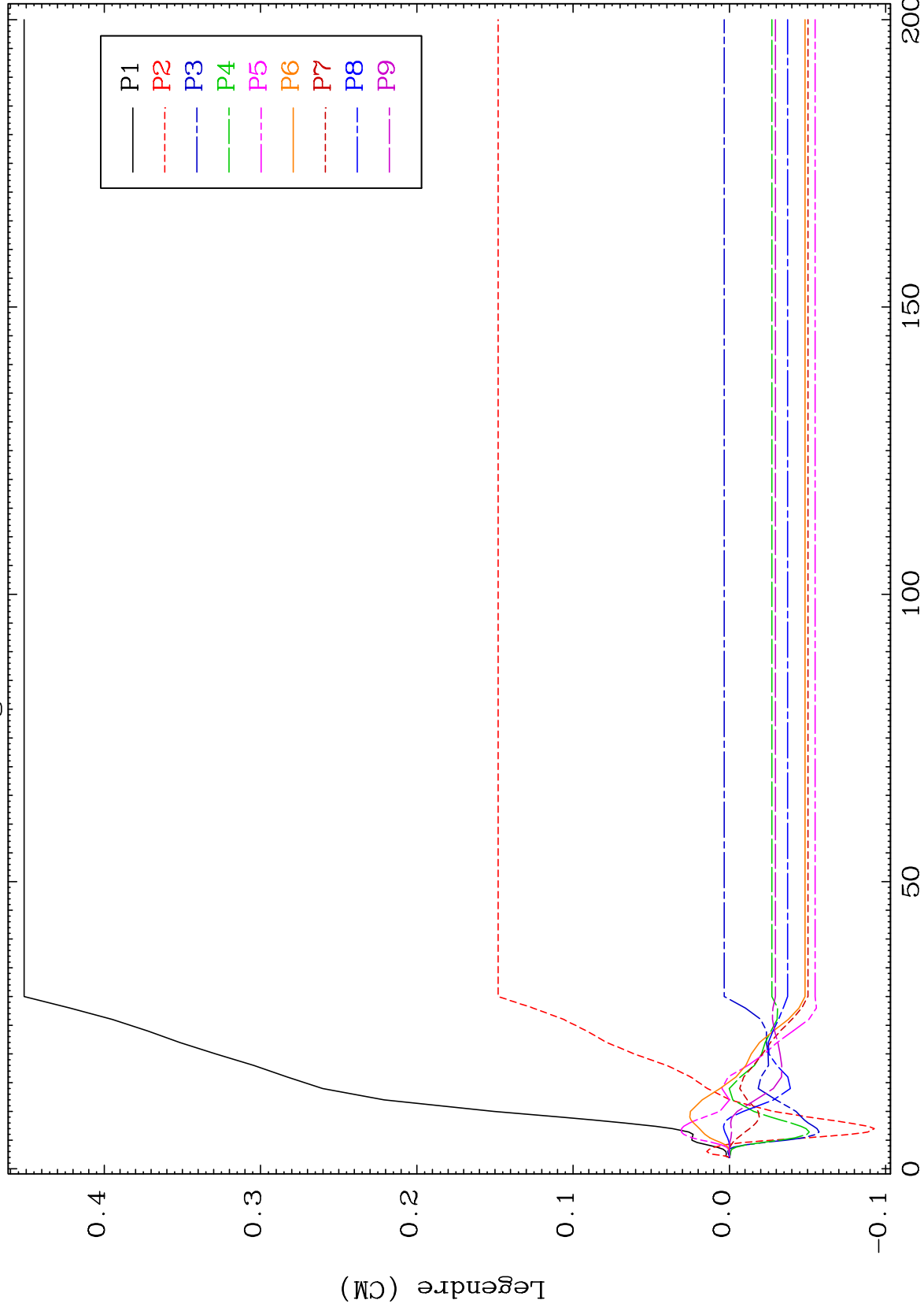
62-Sm-143



MAT 6222

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

62-Sm-143



72

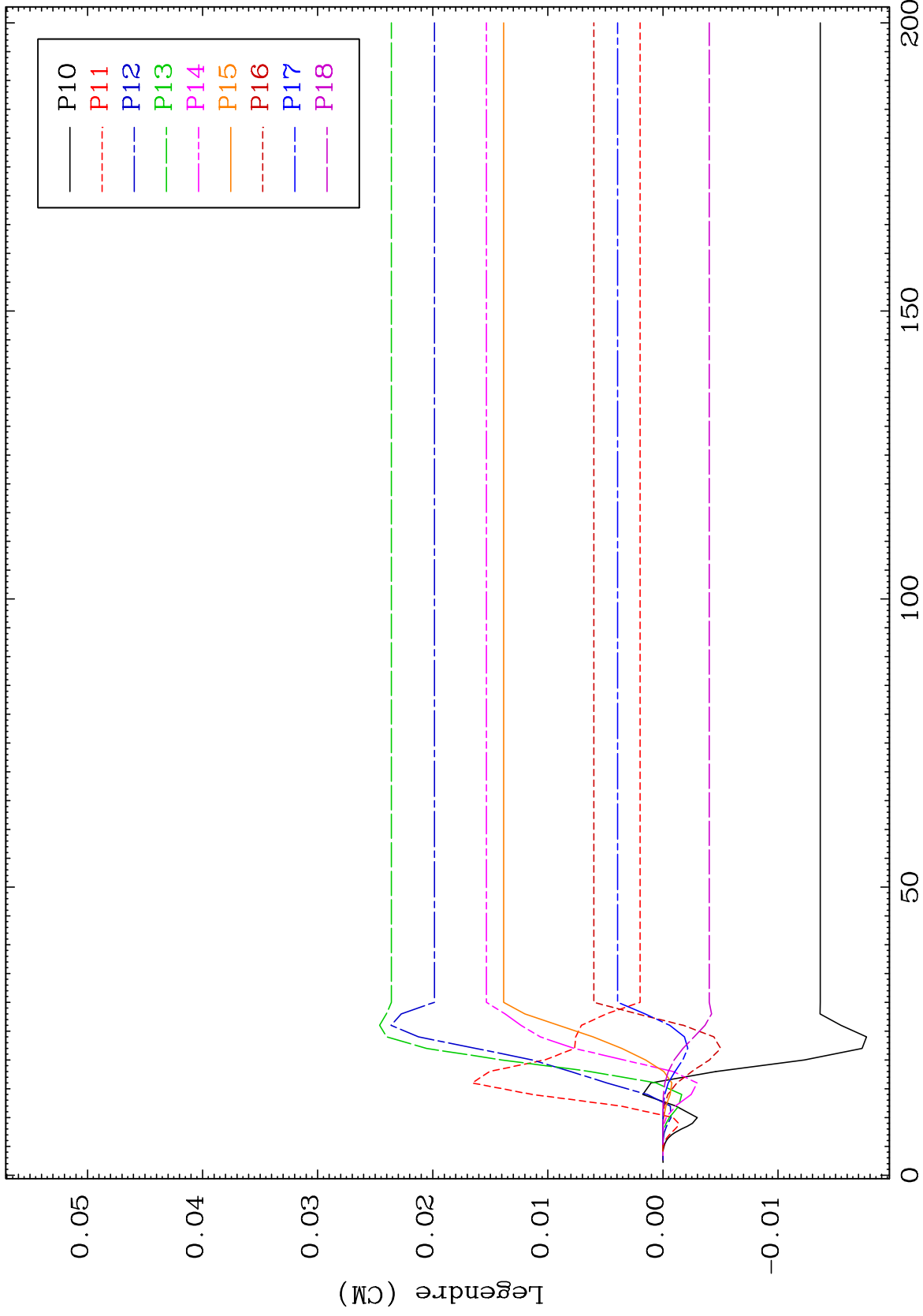
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



73

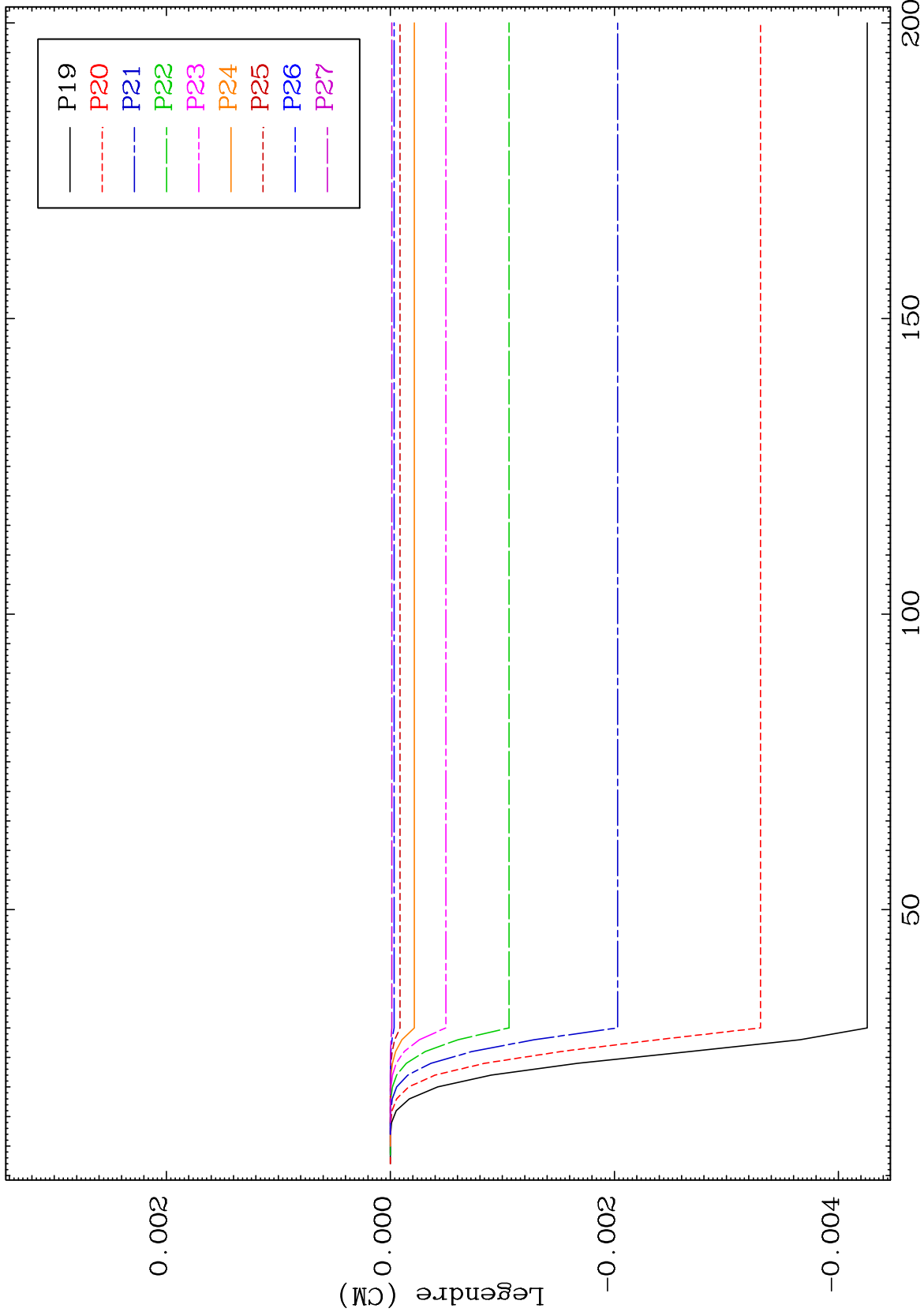
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

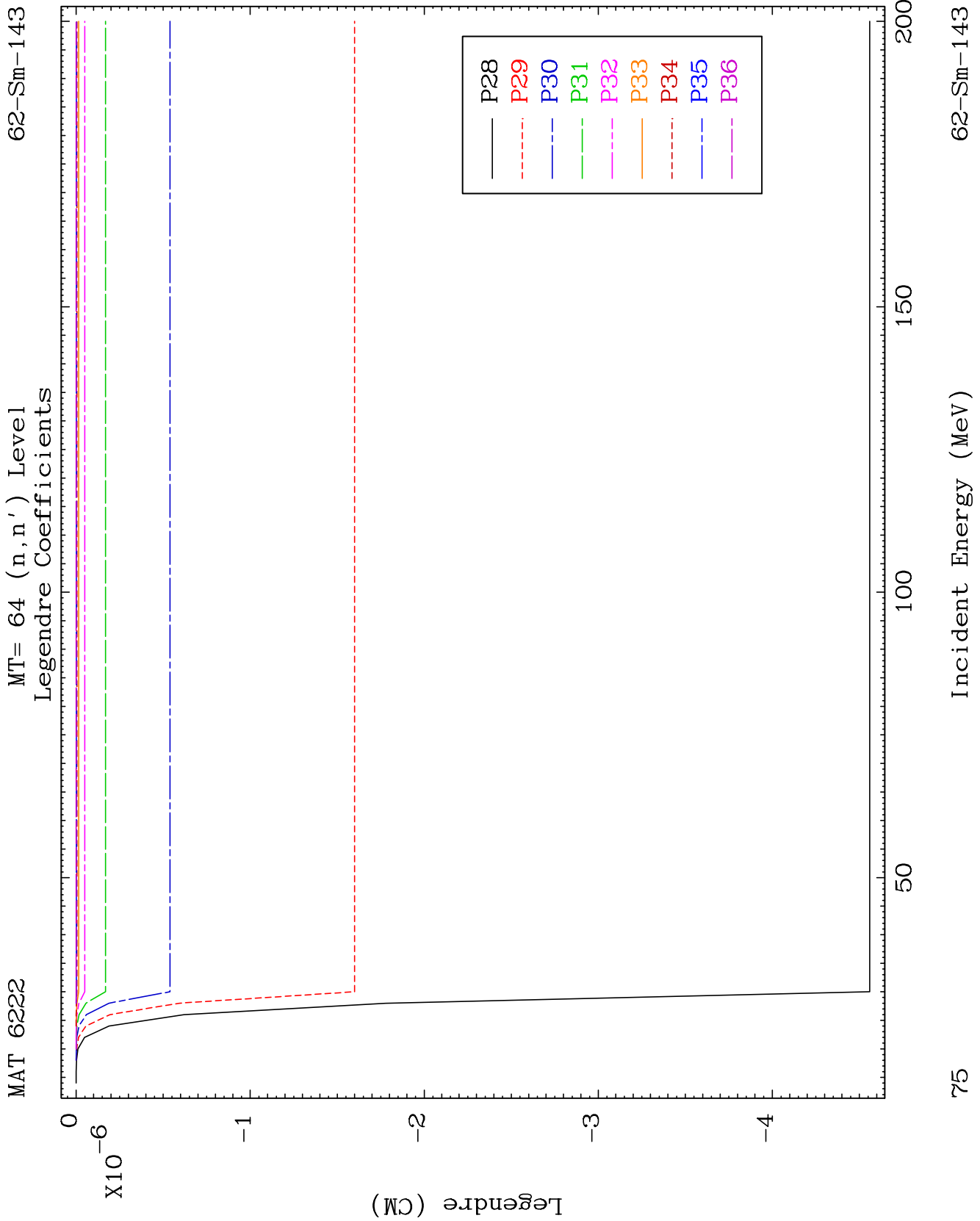
62-Sm-143



74

Incident Energy (MeV)

62-Sm-143



62-Sm-143

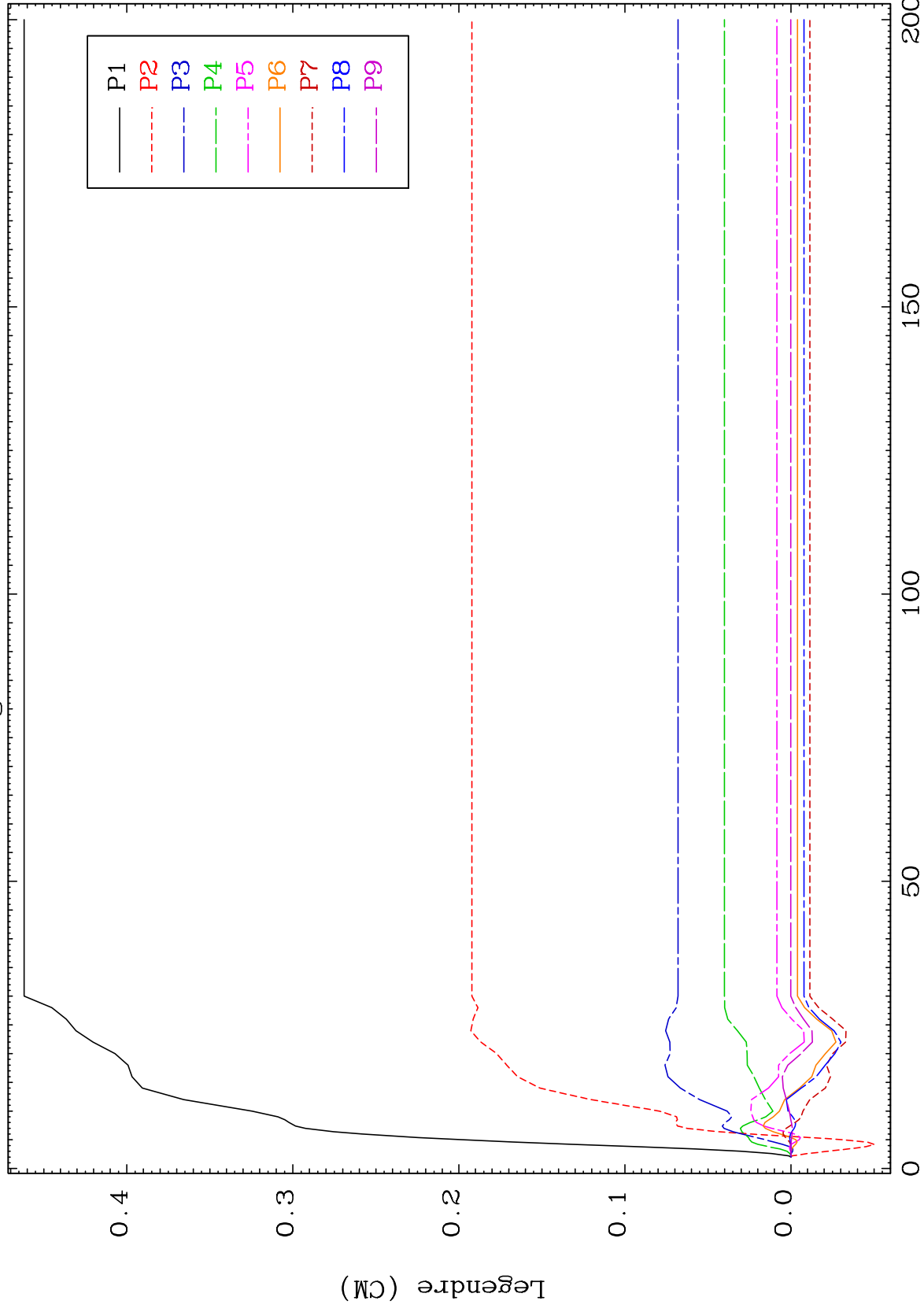
Incident Energy (MeV)

75

MAT 62222

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

62-Sm-143



76

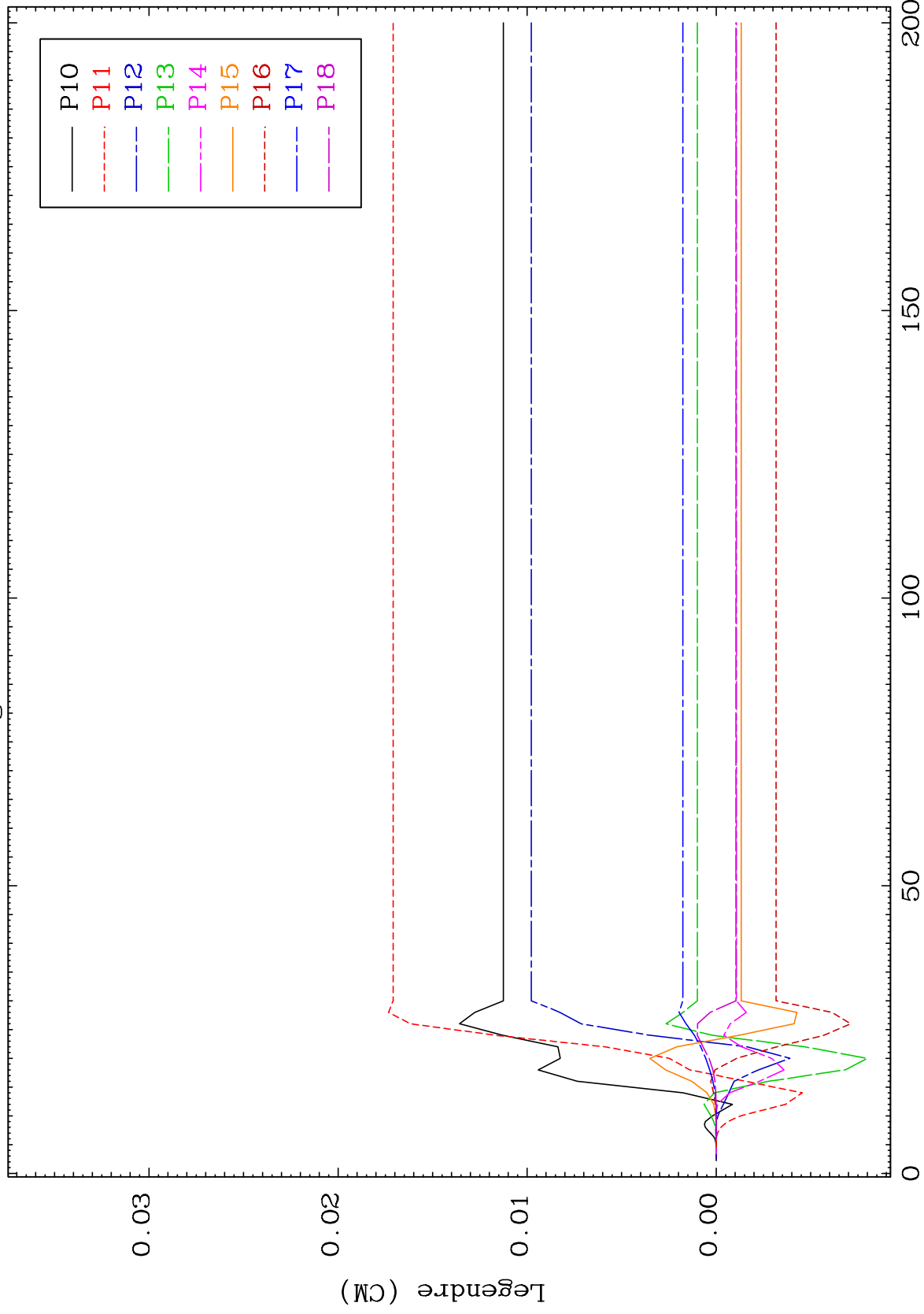
Incident Energy (MeV)

62-Sm-143

MAT 62222

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

62-Sm-143



77

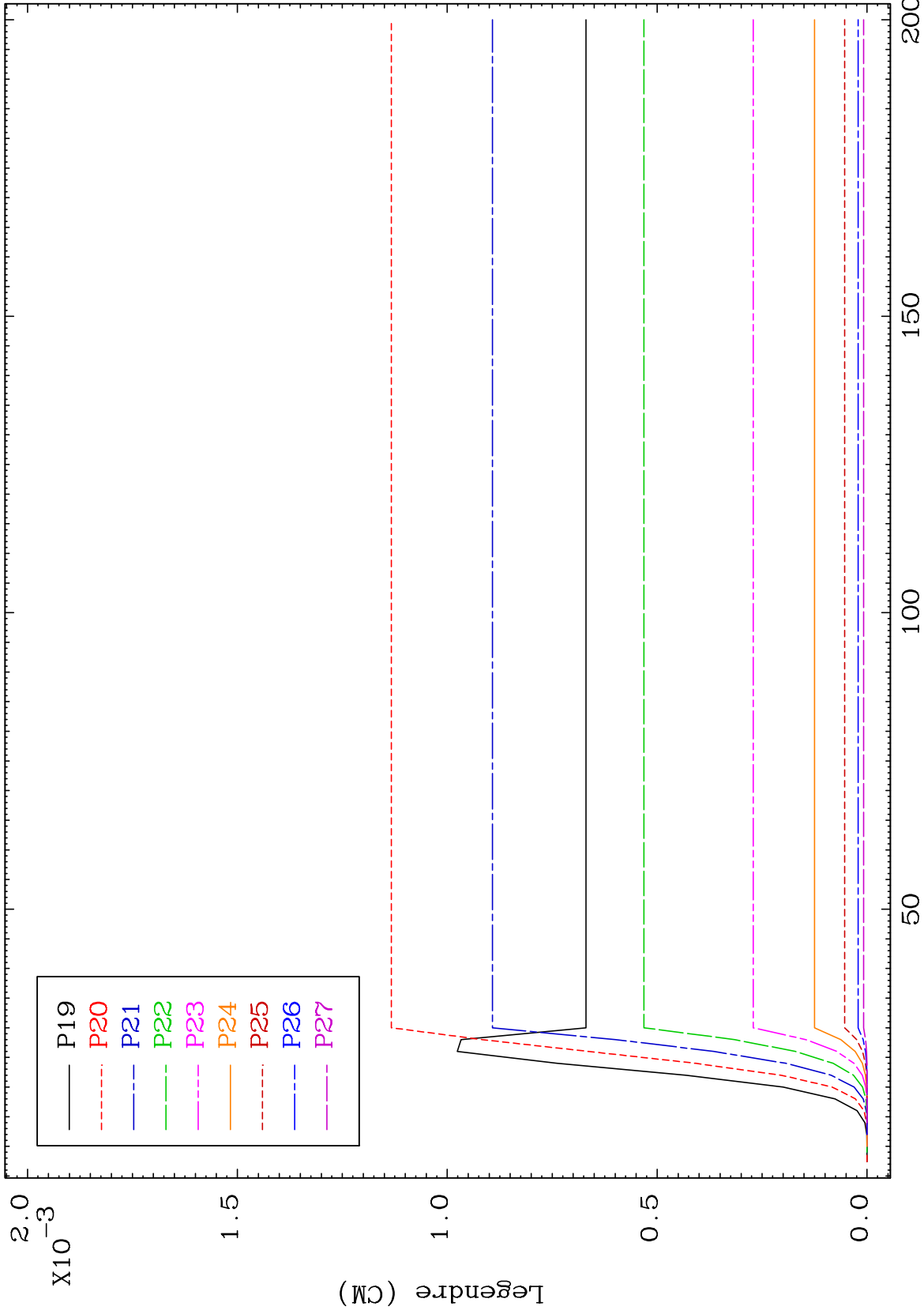
Incident Energy (MeV)

62-Sm-143

MAT 62222

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

62-Sm-143



78

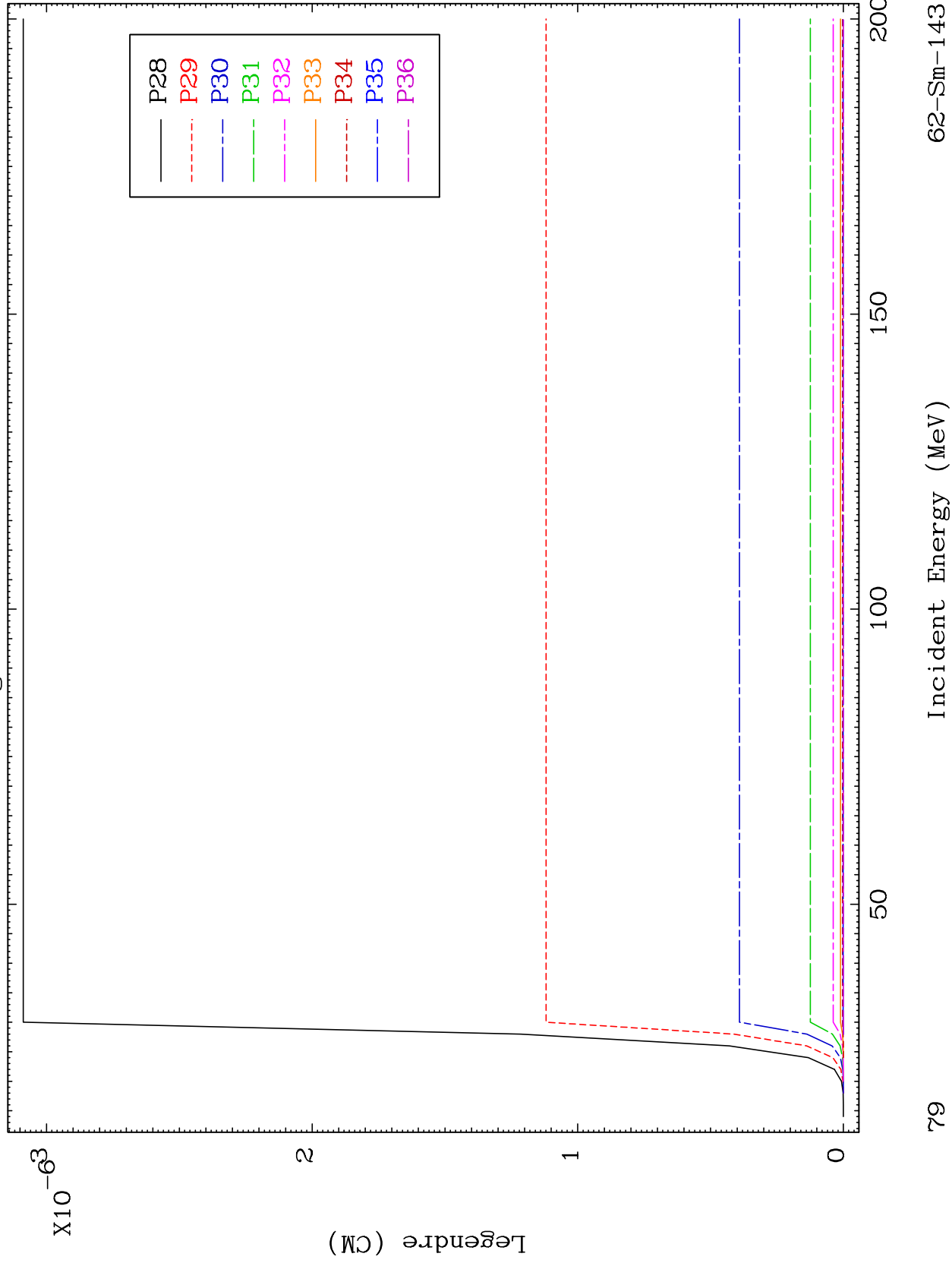
Incident Energy (MeV)

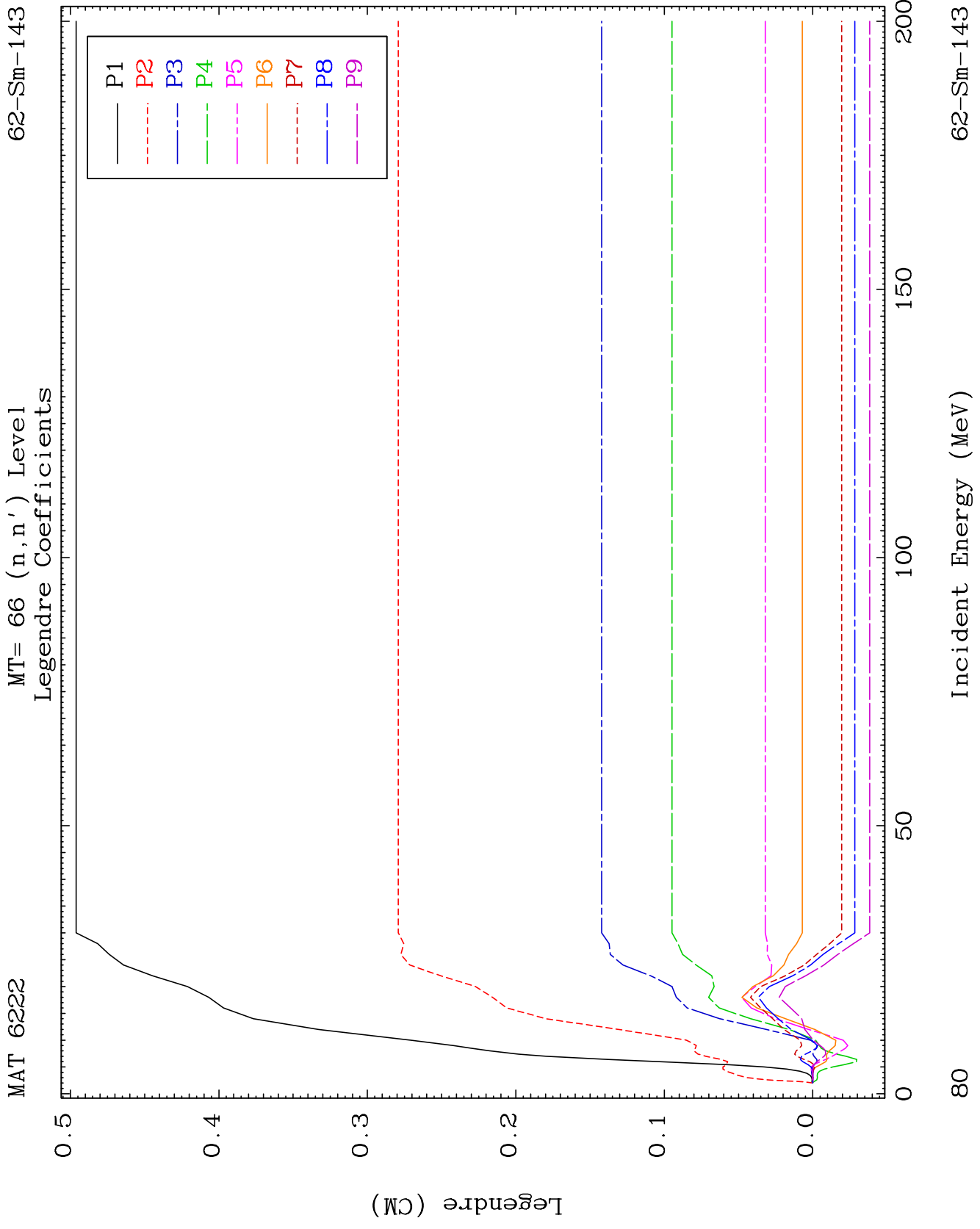
62-Sm-143

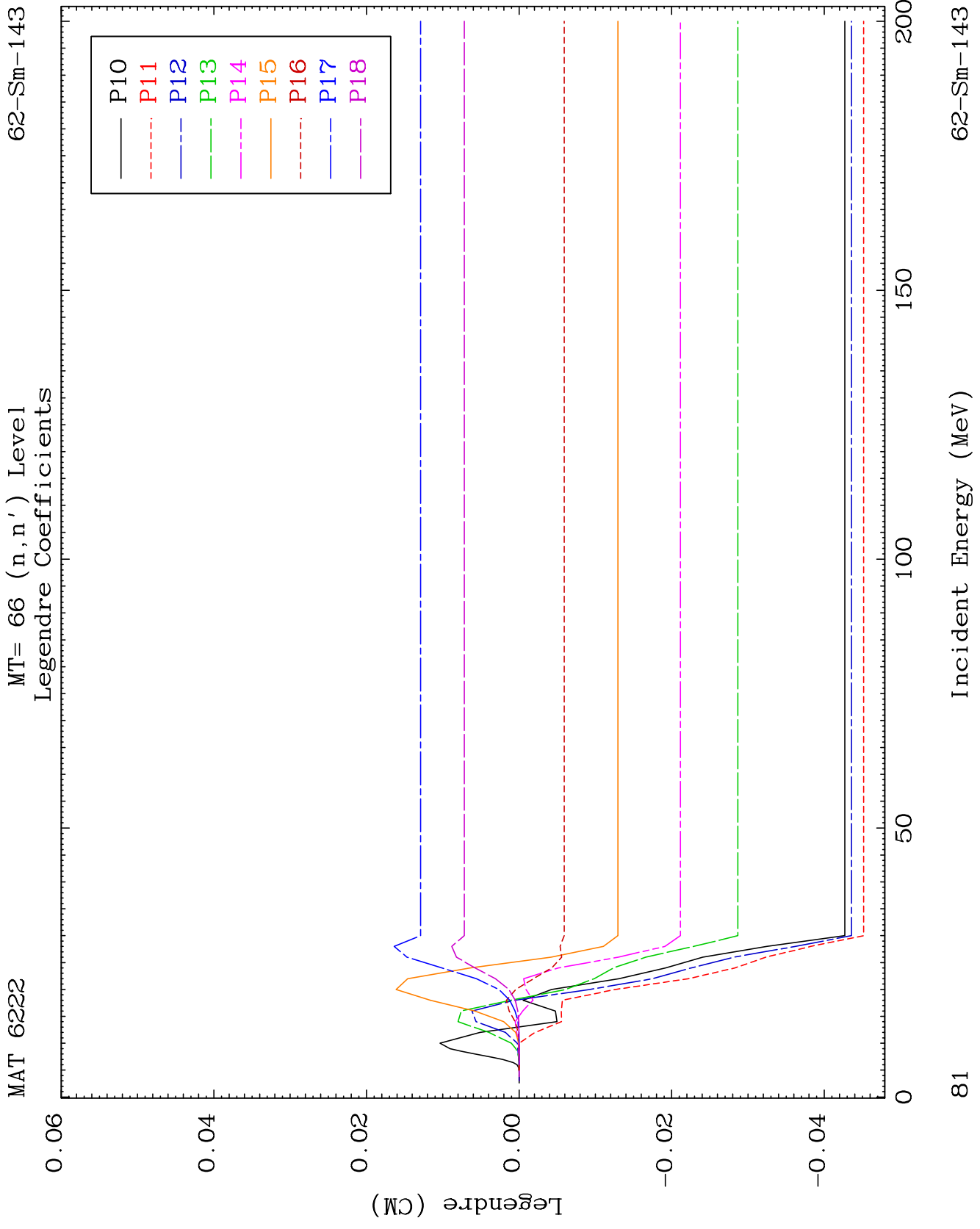
MAT 6222

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

62-Sm-143



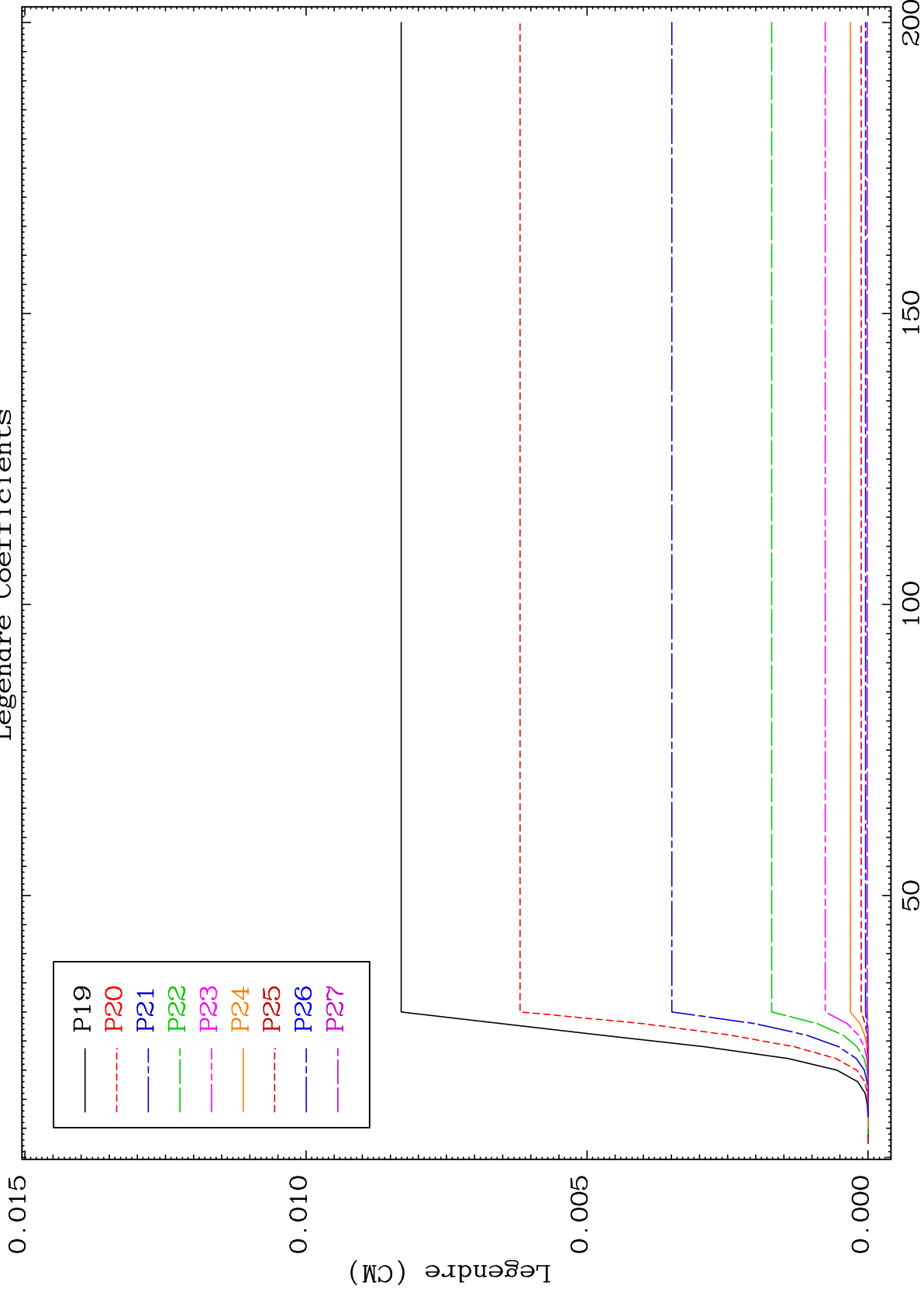




MAT 62222

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

62-Sm-143



82

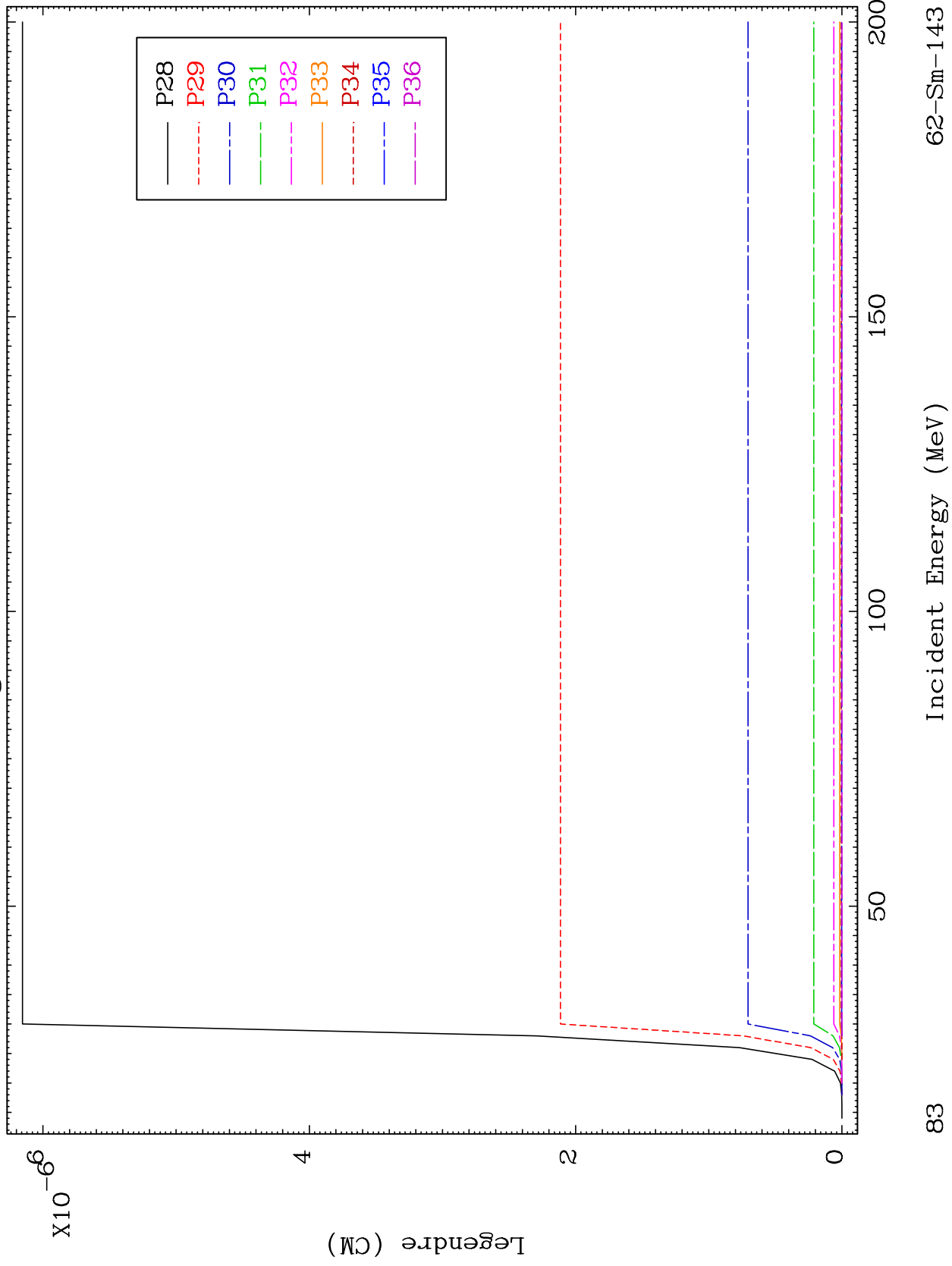
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

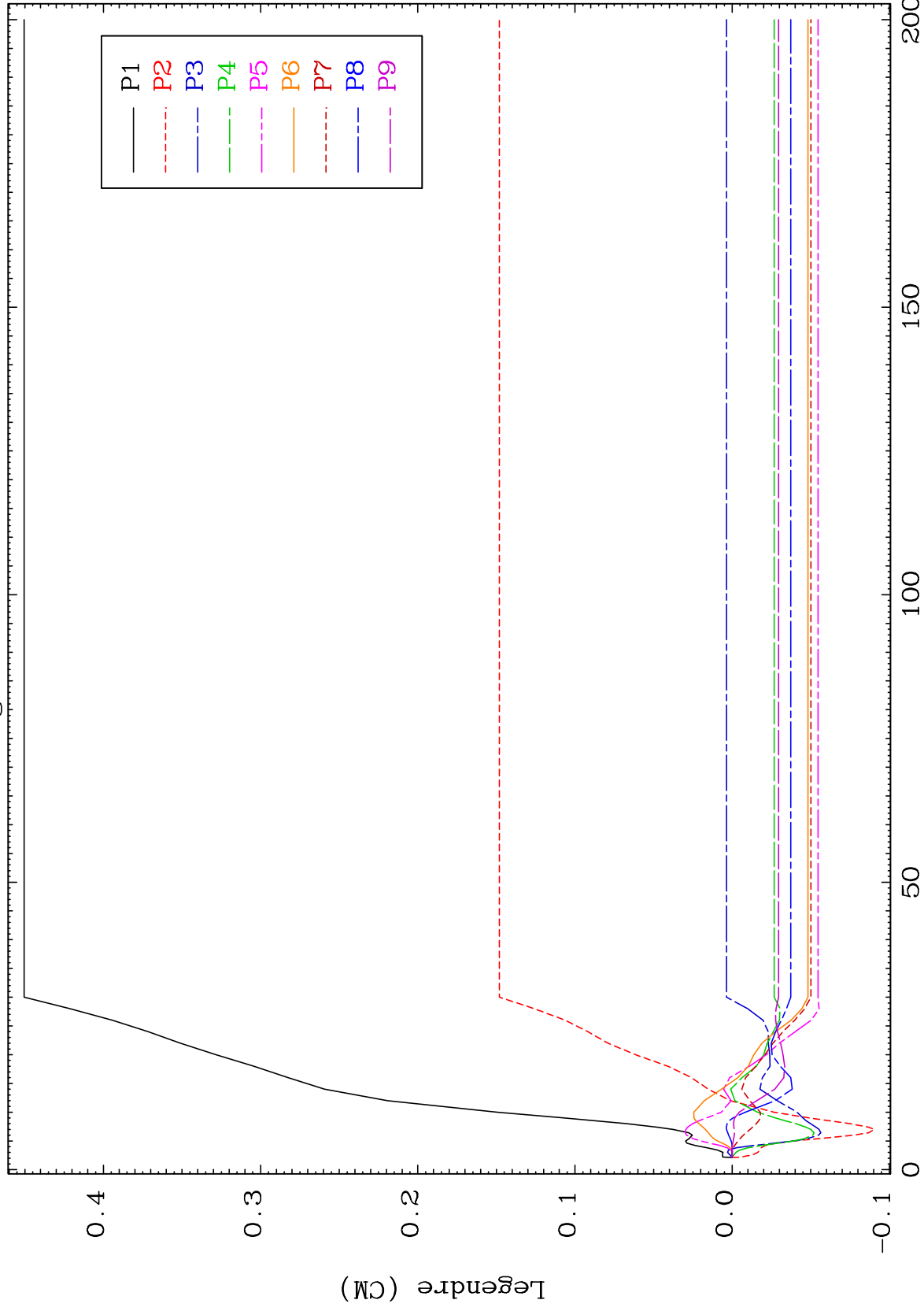
62-Sm-143



MAT 6222

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

62-Sm-143



84

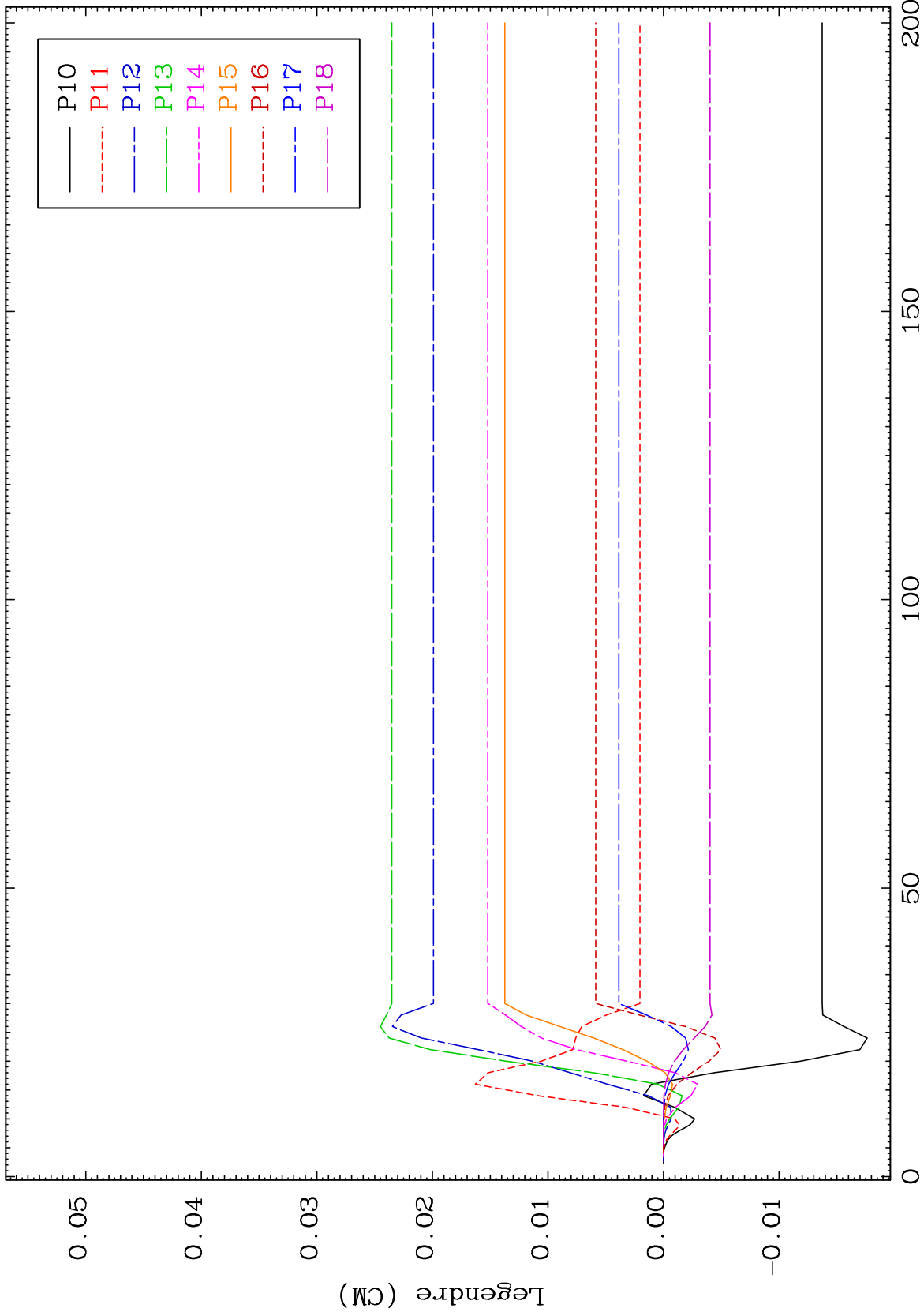
Incident Energy (MeV)

62-Sm-143

MAT 62222

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

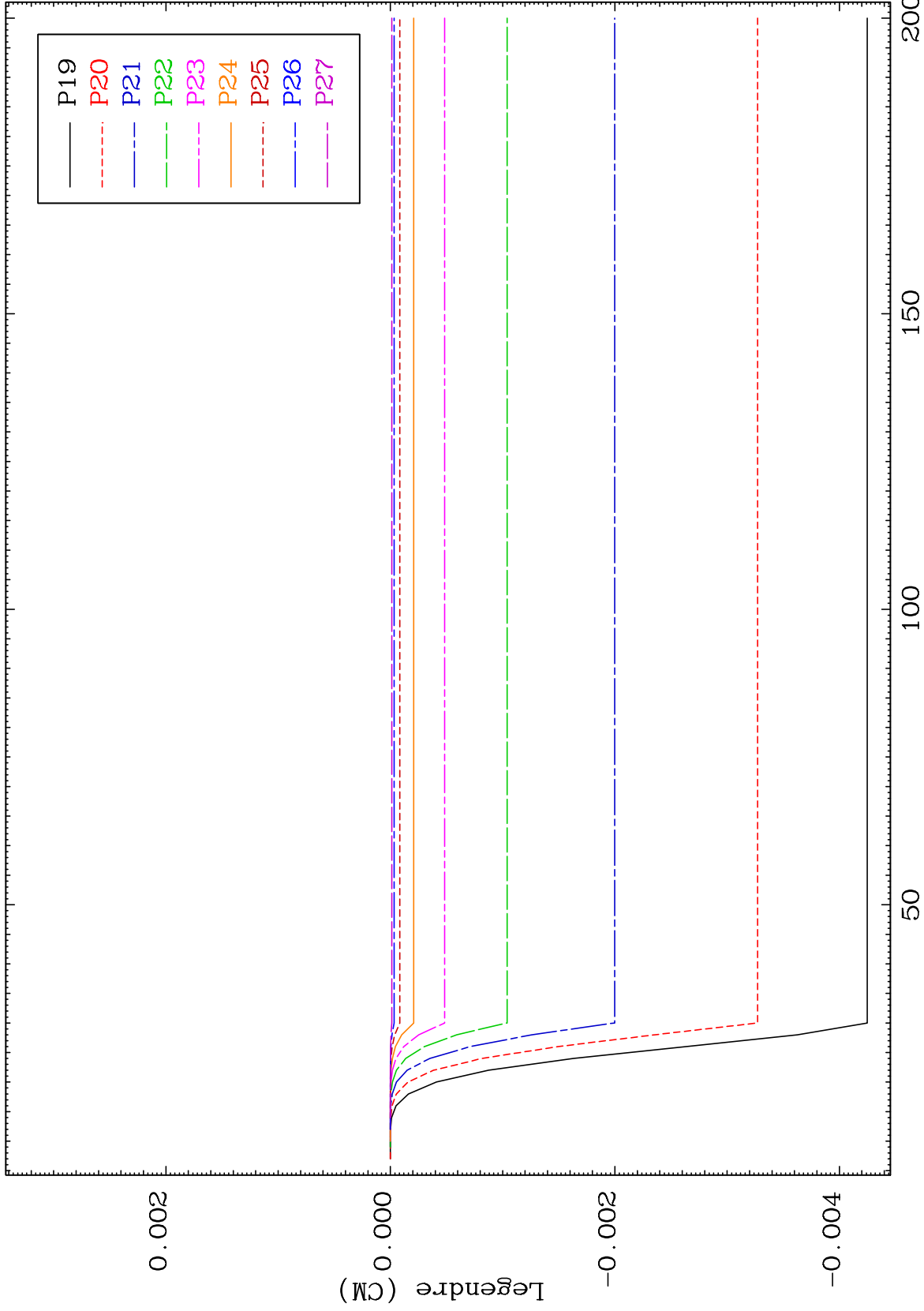
62-Sm-143

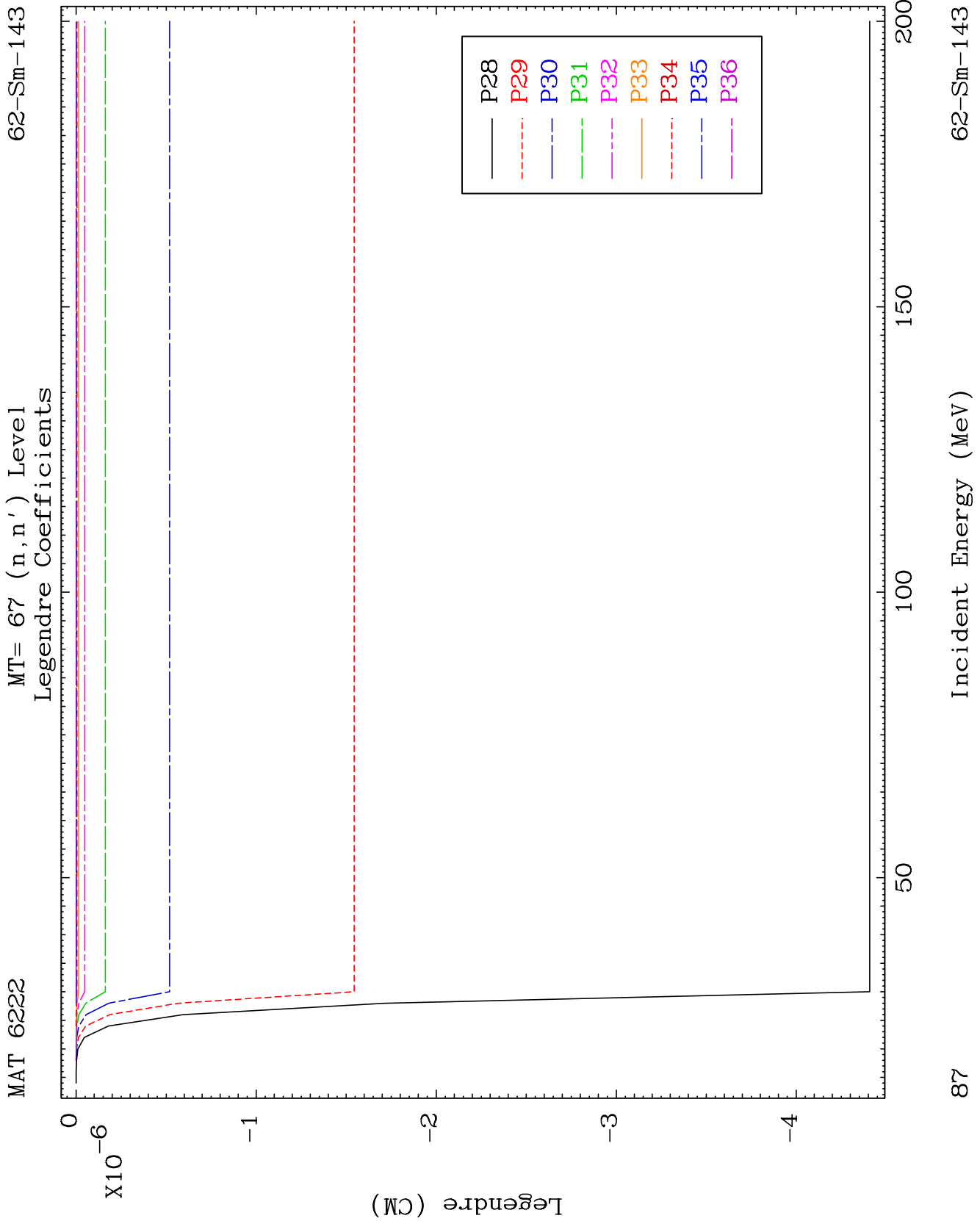


85

Incident Energy (MeV)

62-Sm-143

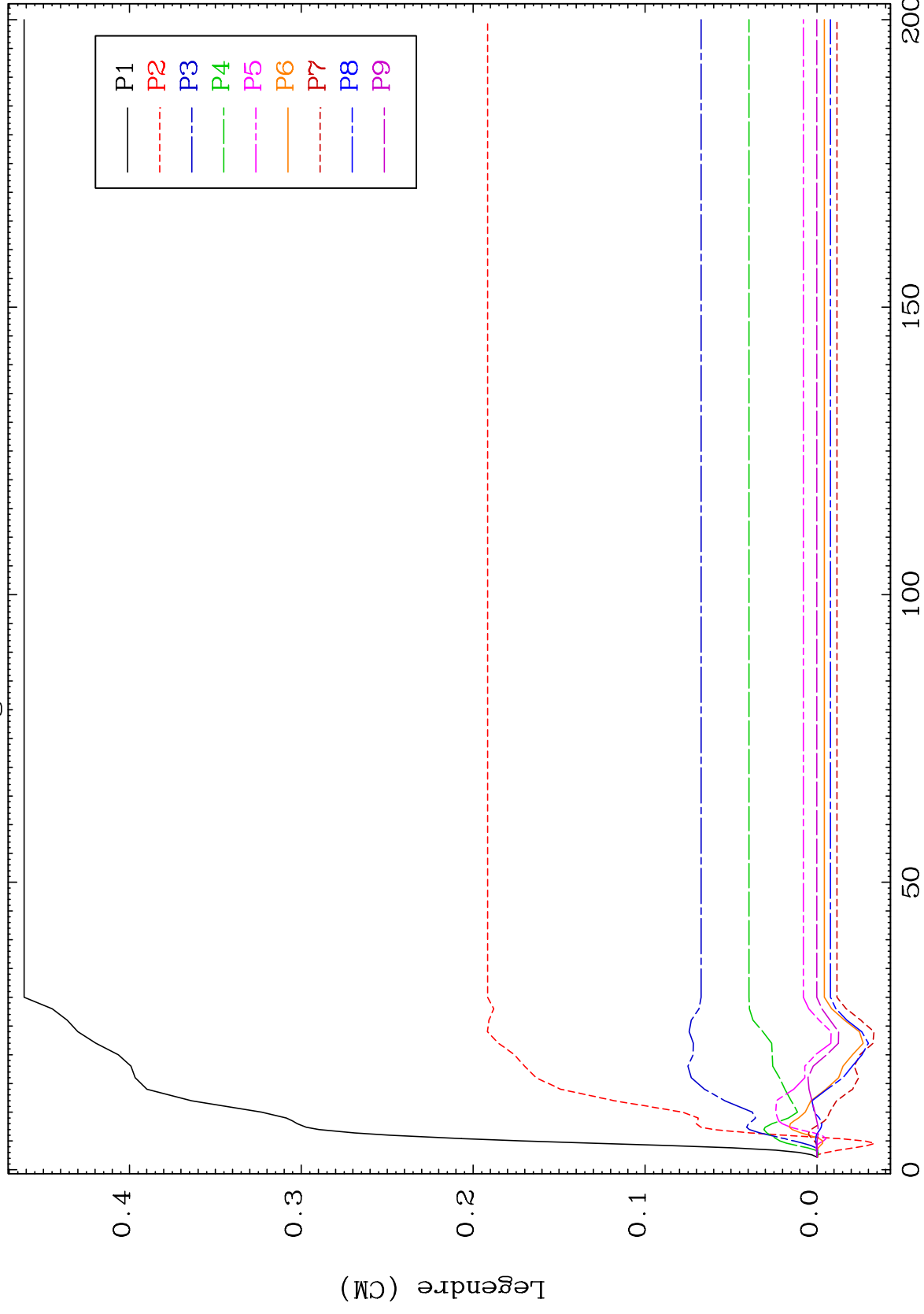




MAT 6222

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

62-Sm-143



62-Sm-143

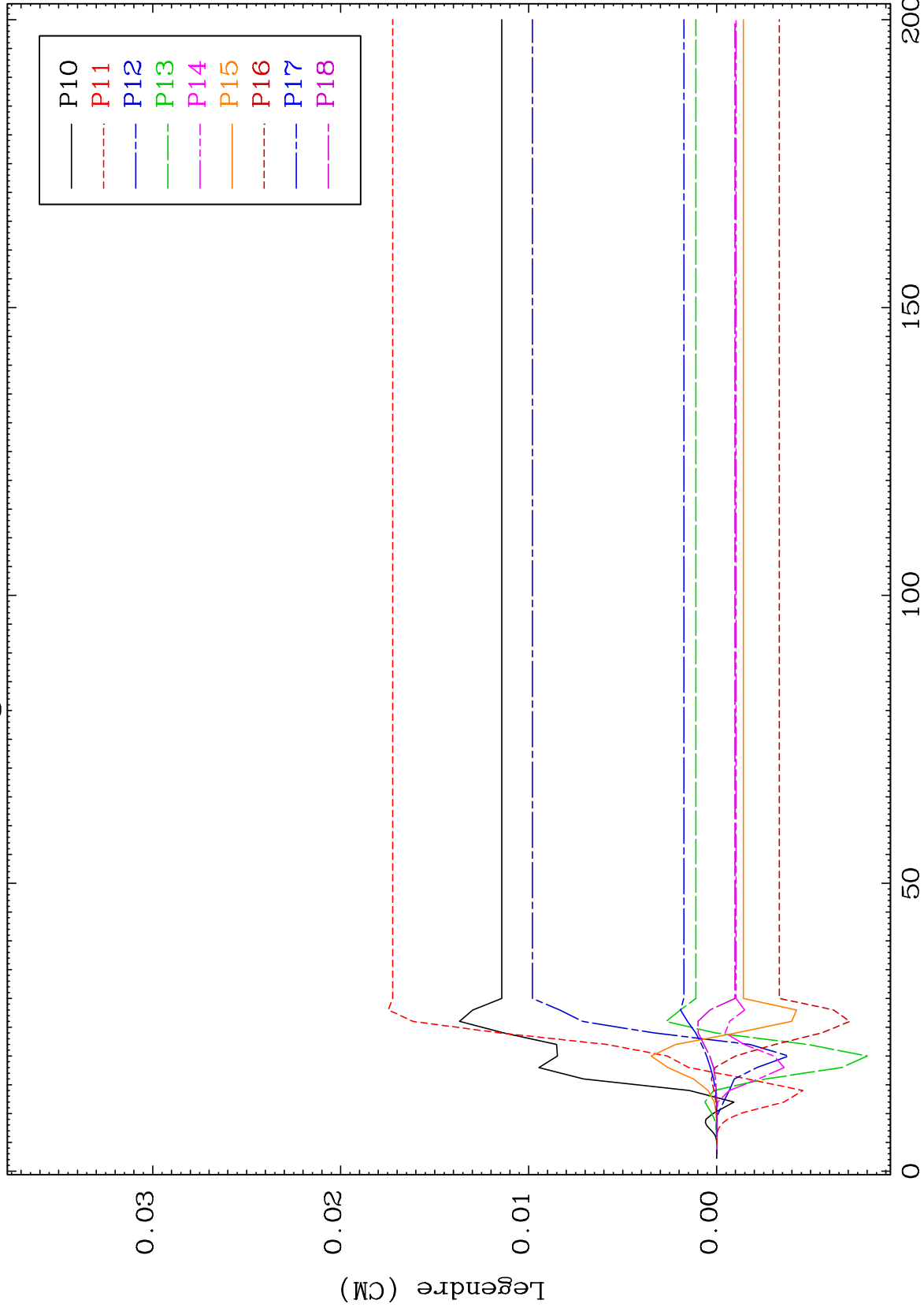
Incident Energy (MeV)

88

MAT 6222

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

62-Sm-143



89

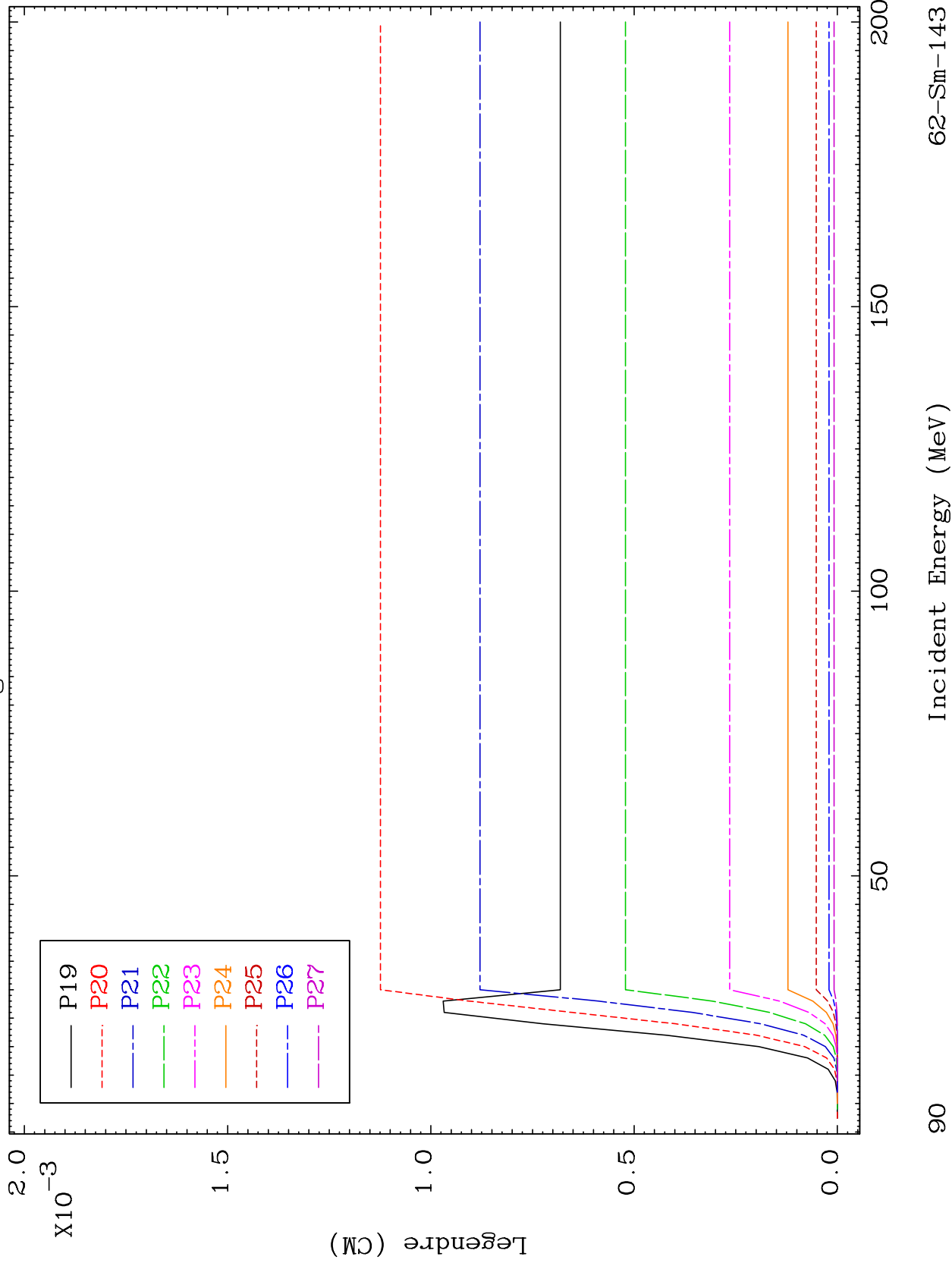
Incident Energy (MeV)

62-Sm-143

MAT 62222

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

62-Sm-143



90

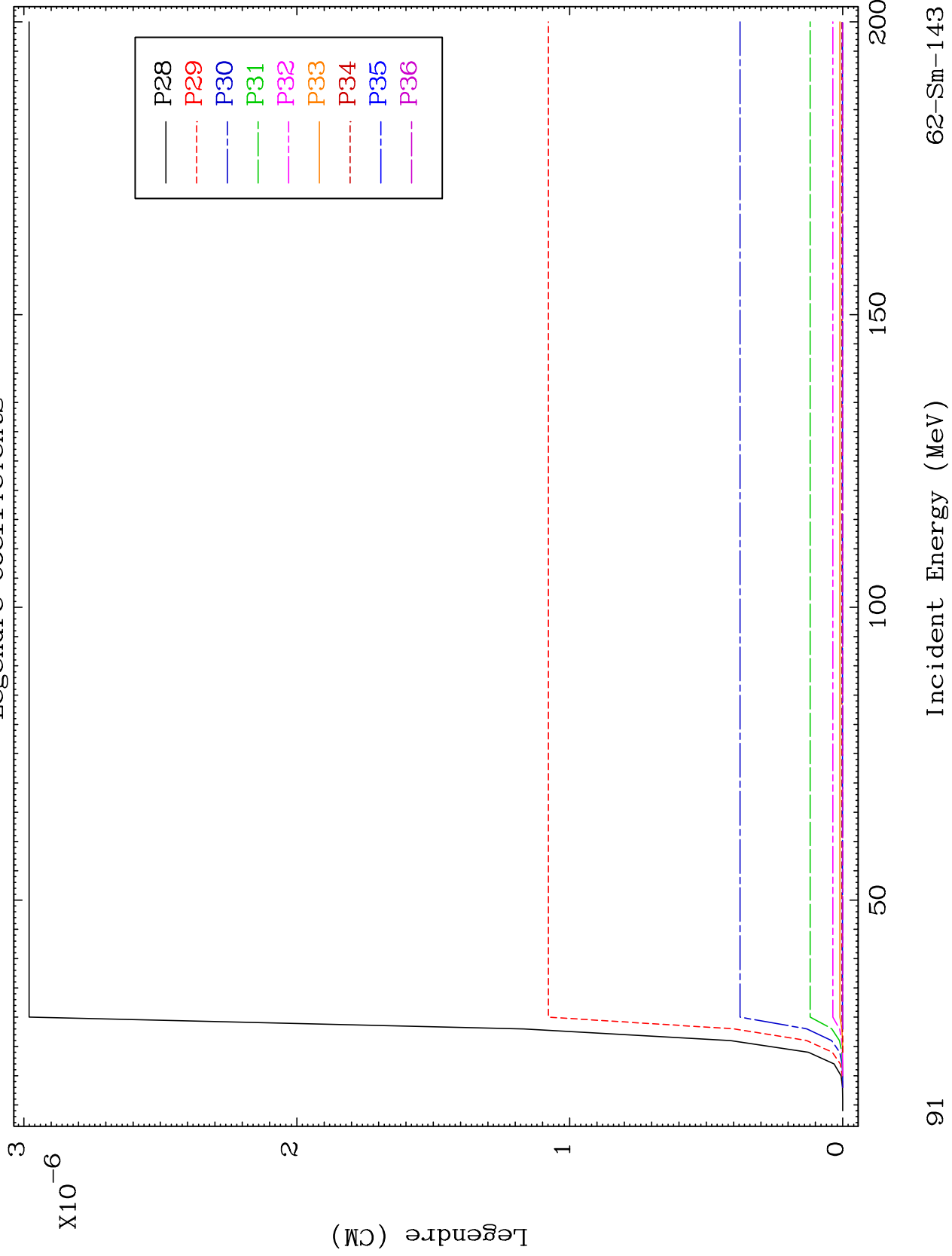
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



91

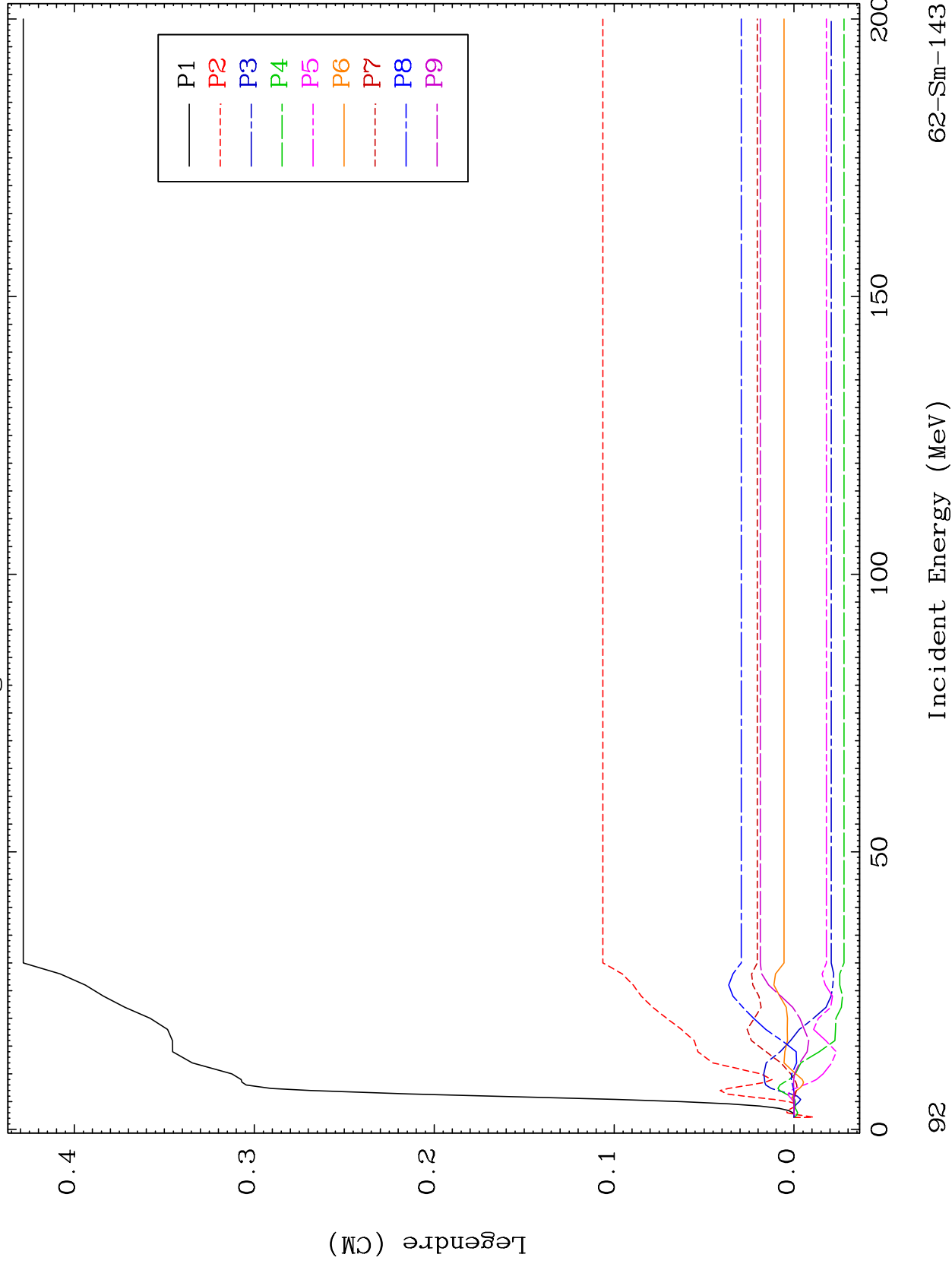
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



62-Sm-143

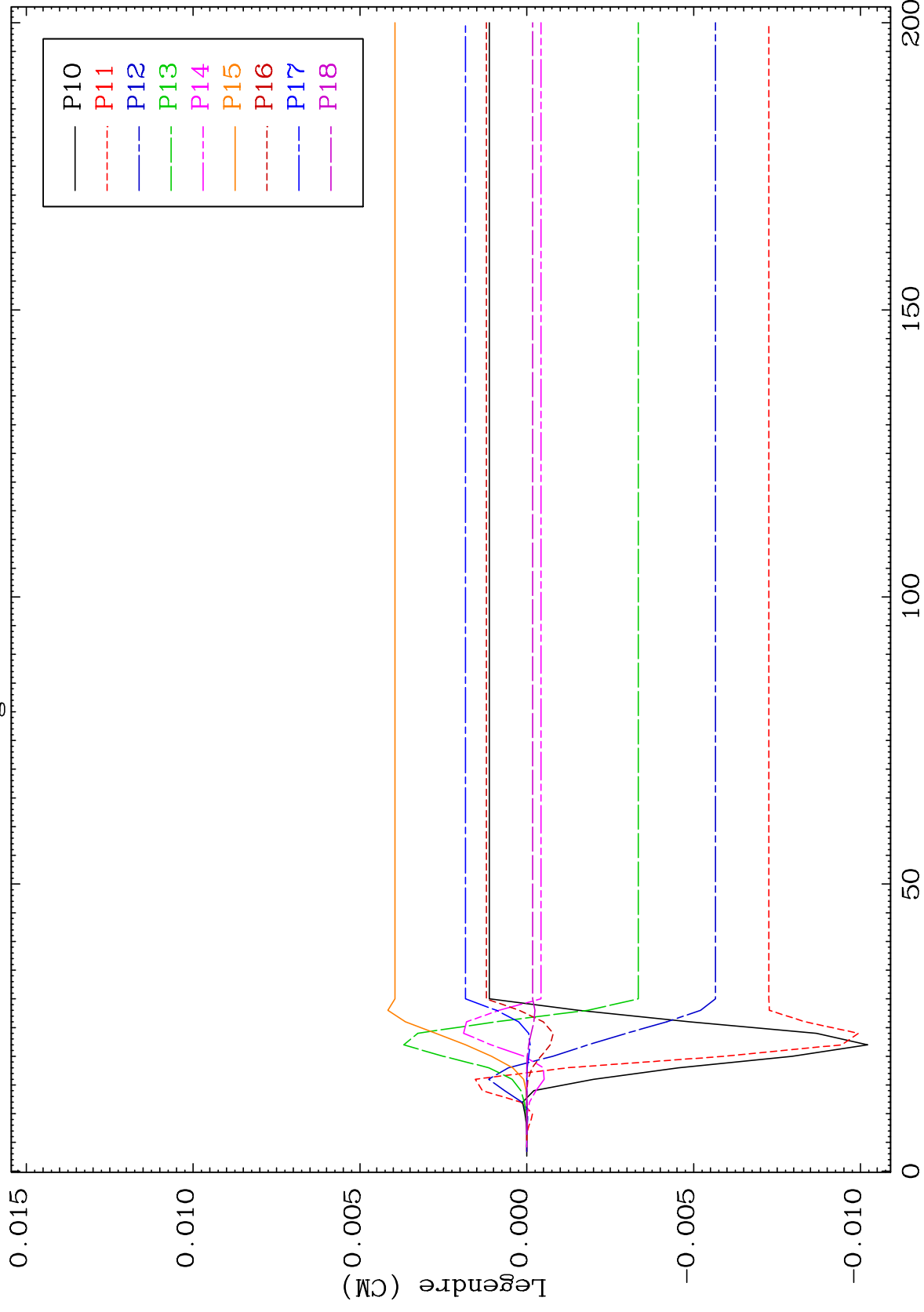
Incident Energy (MeV)

92

MAT 6222

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

62-Sm-143



93

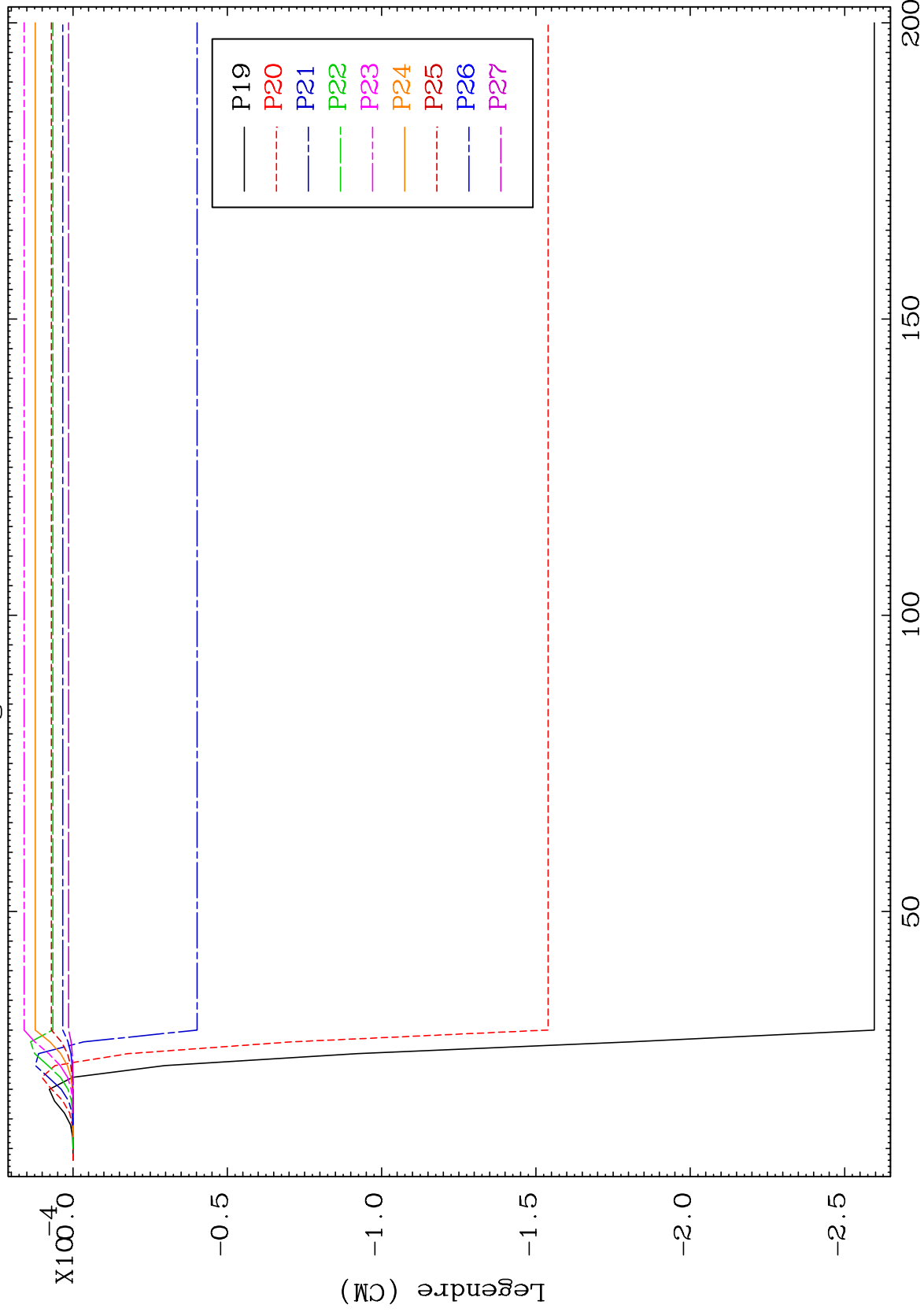
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



94

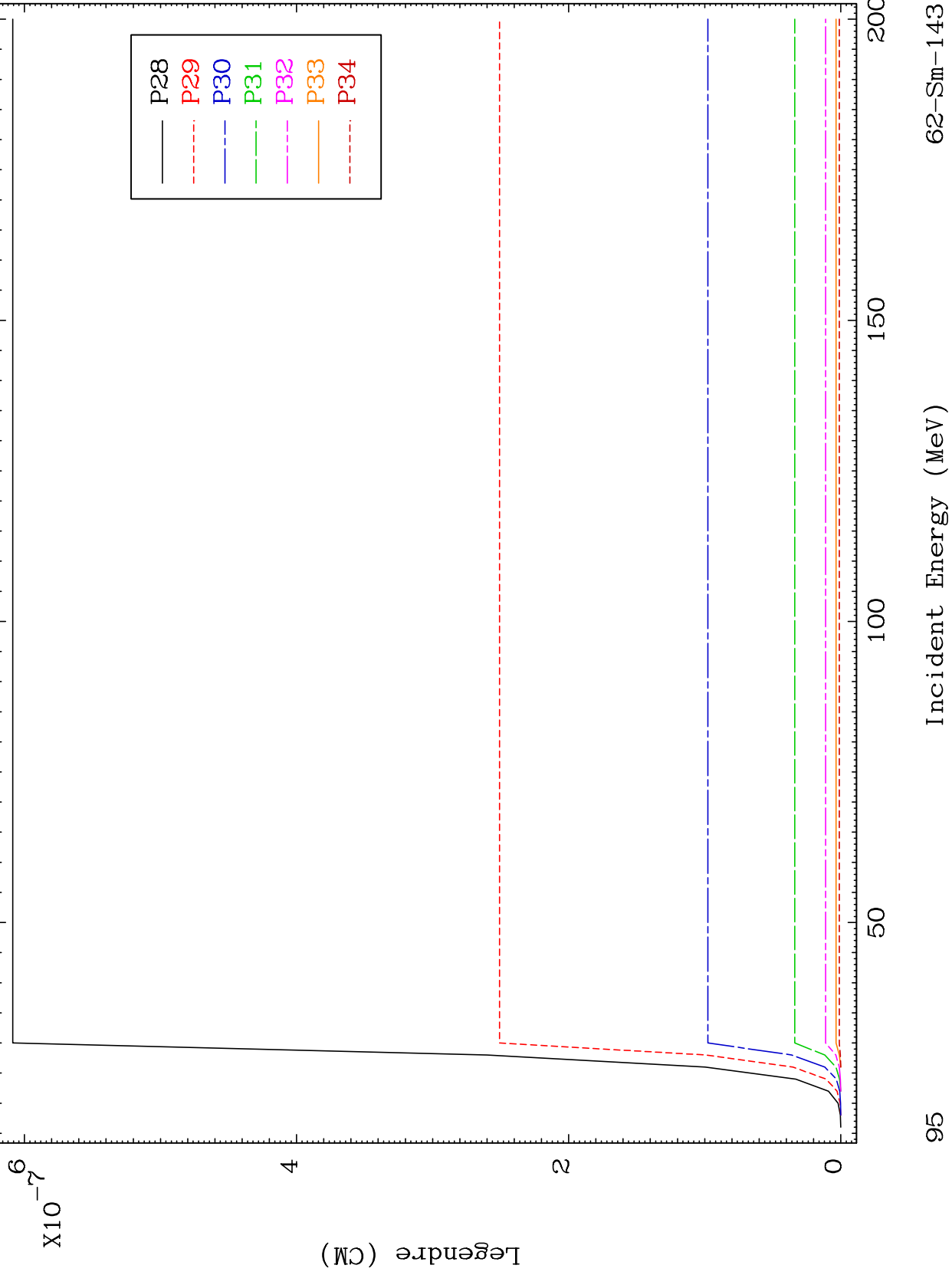
Incident Energy (MeV)

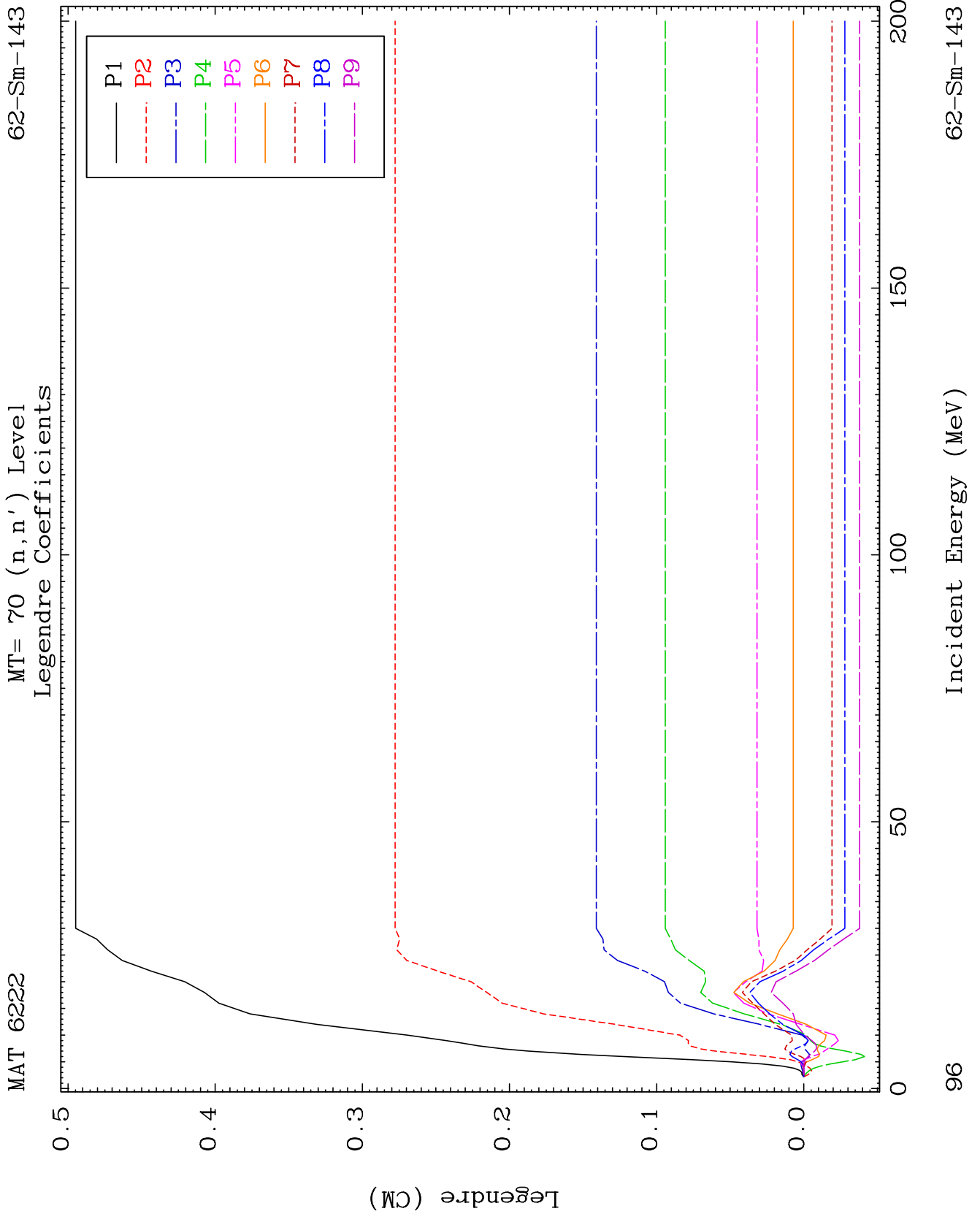
62-Sm-143

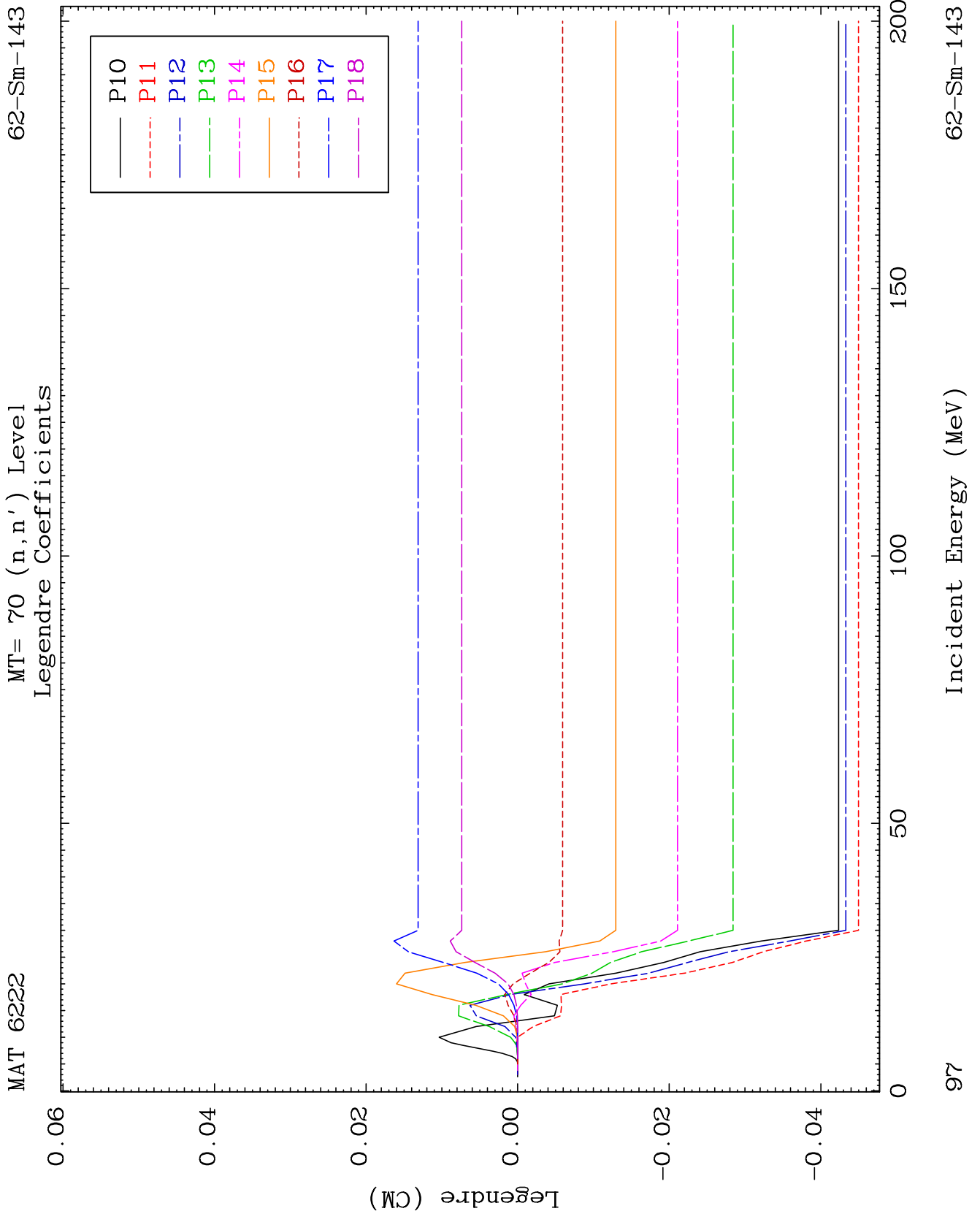
MAT 6222

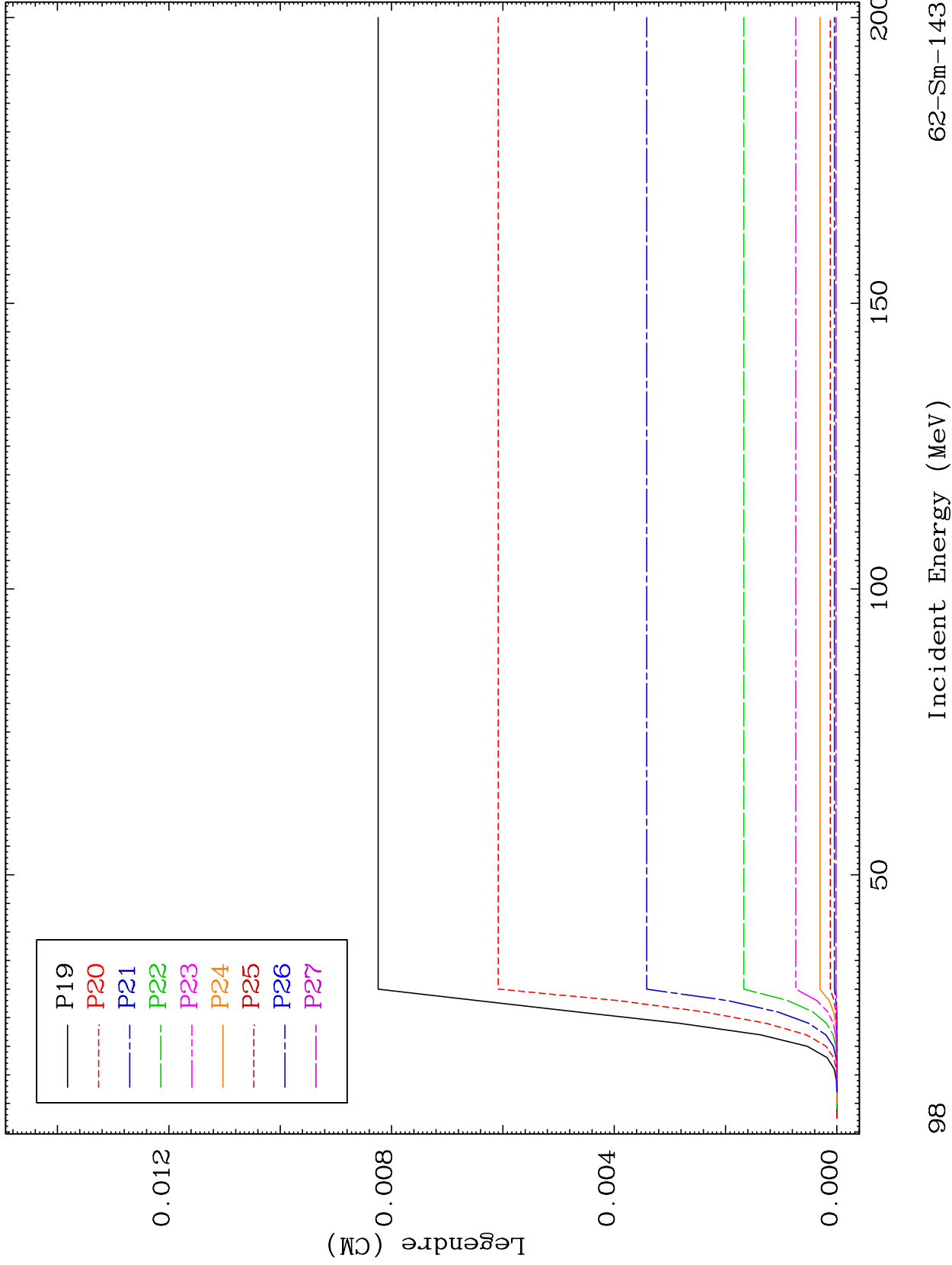
MT= 69 (n,n') Level
Legendre Coefficients

62-Sm-143





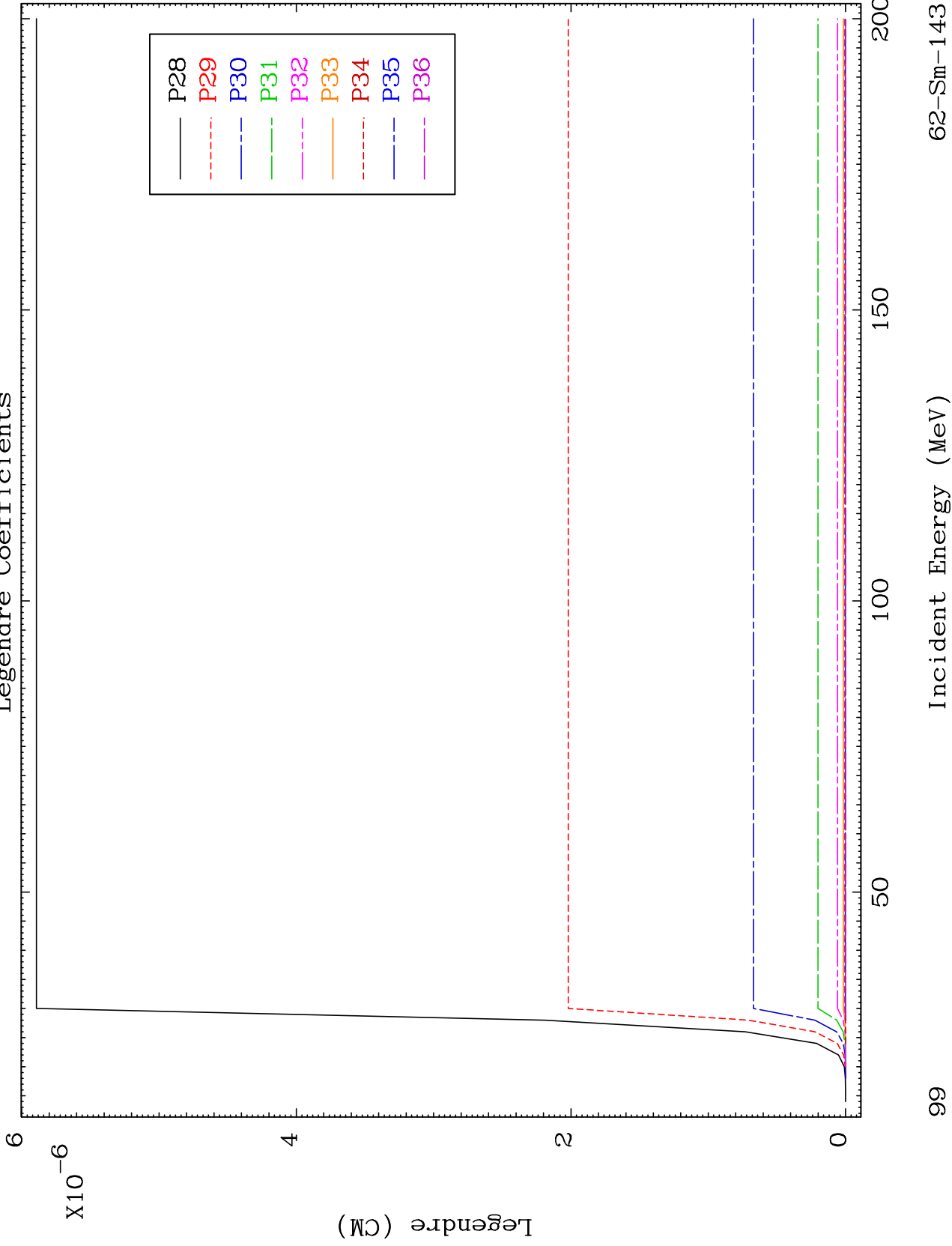




MAT 6222

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

62-Sm-143



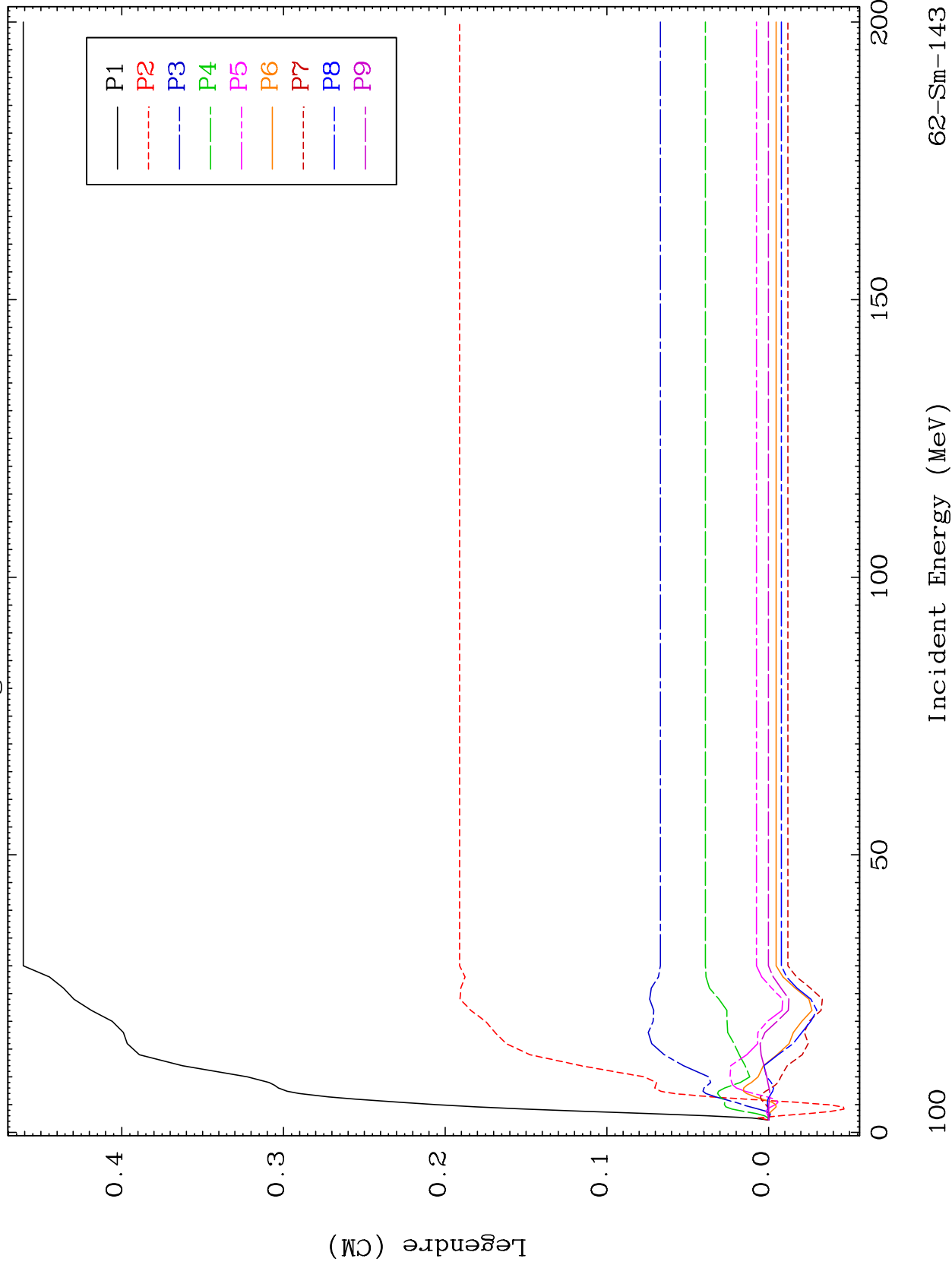
99

62-Sm-143

MAT 6222

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

62-Sm-143

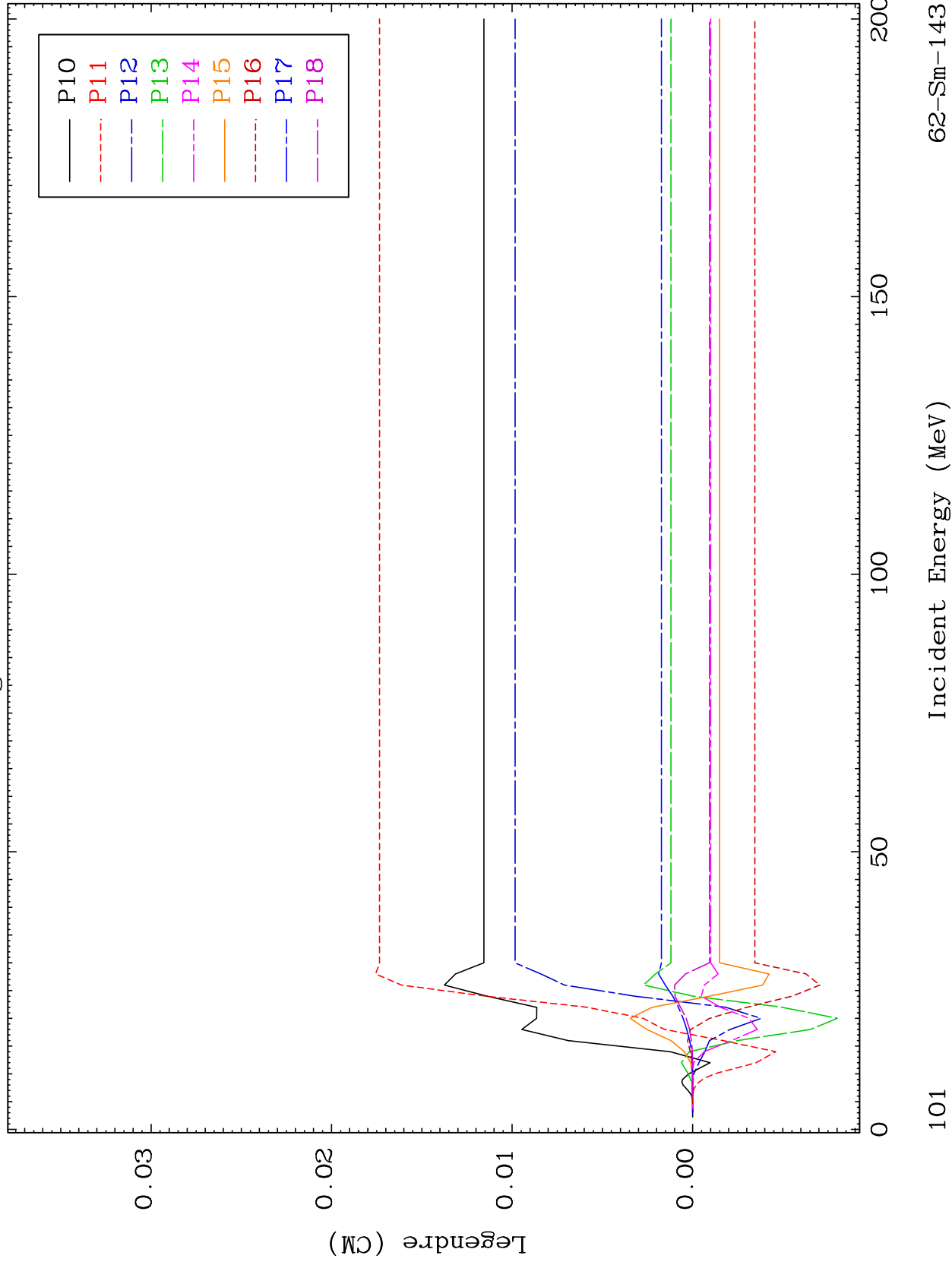


62-Sm-143

MAT 6222

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

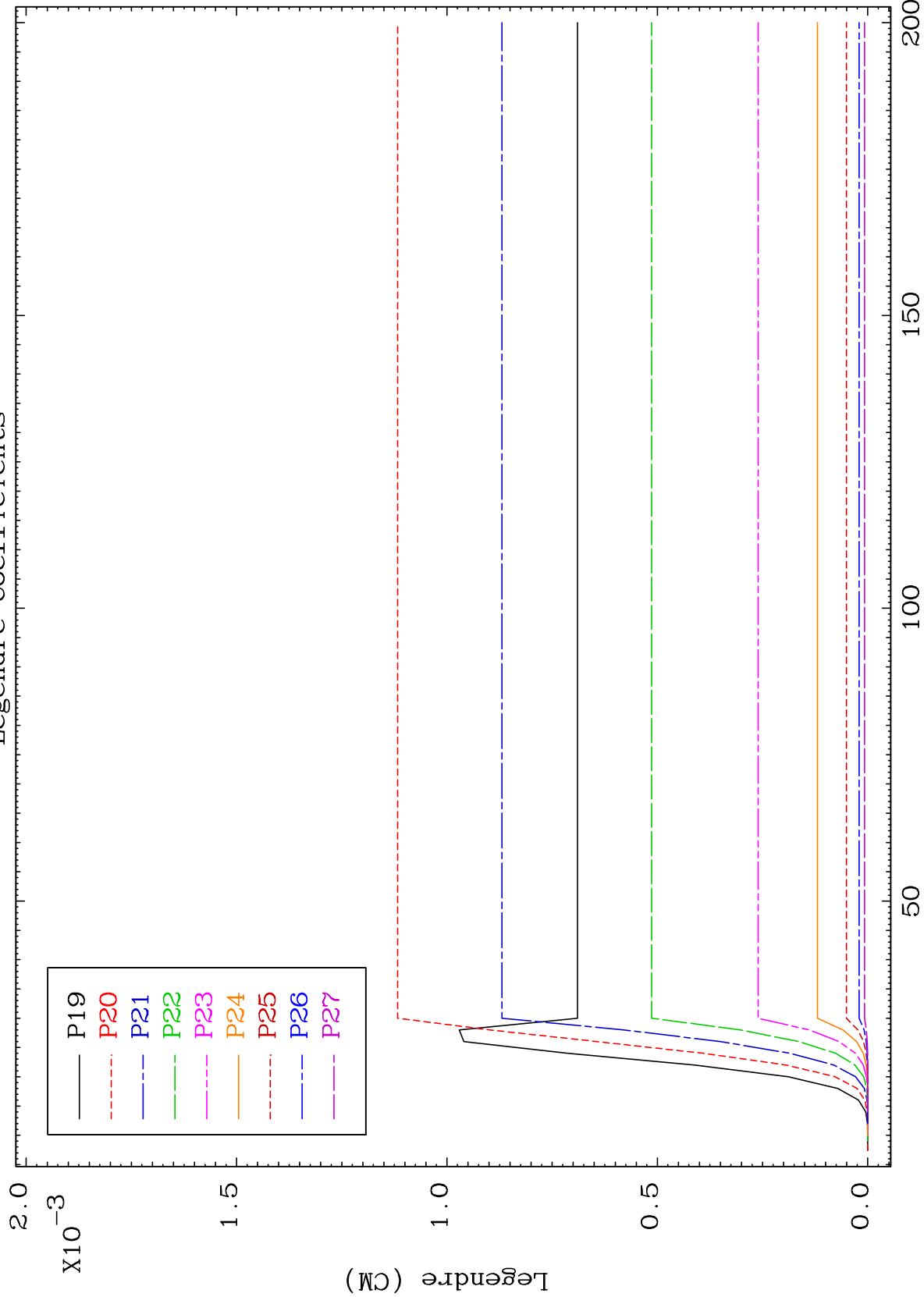
62-Sm-143



101

Incident Energy (MeV)

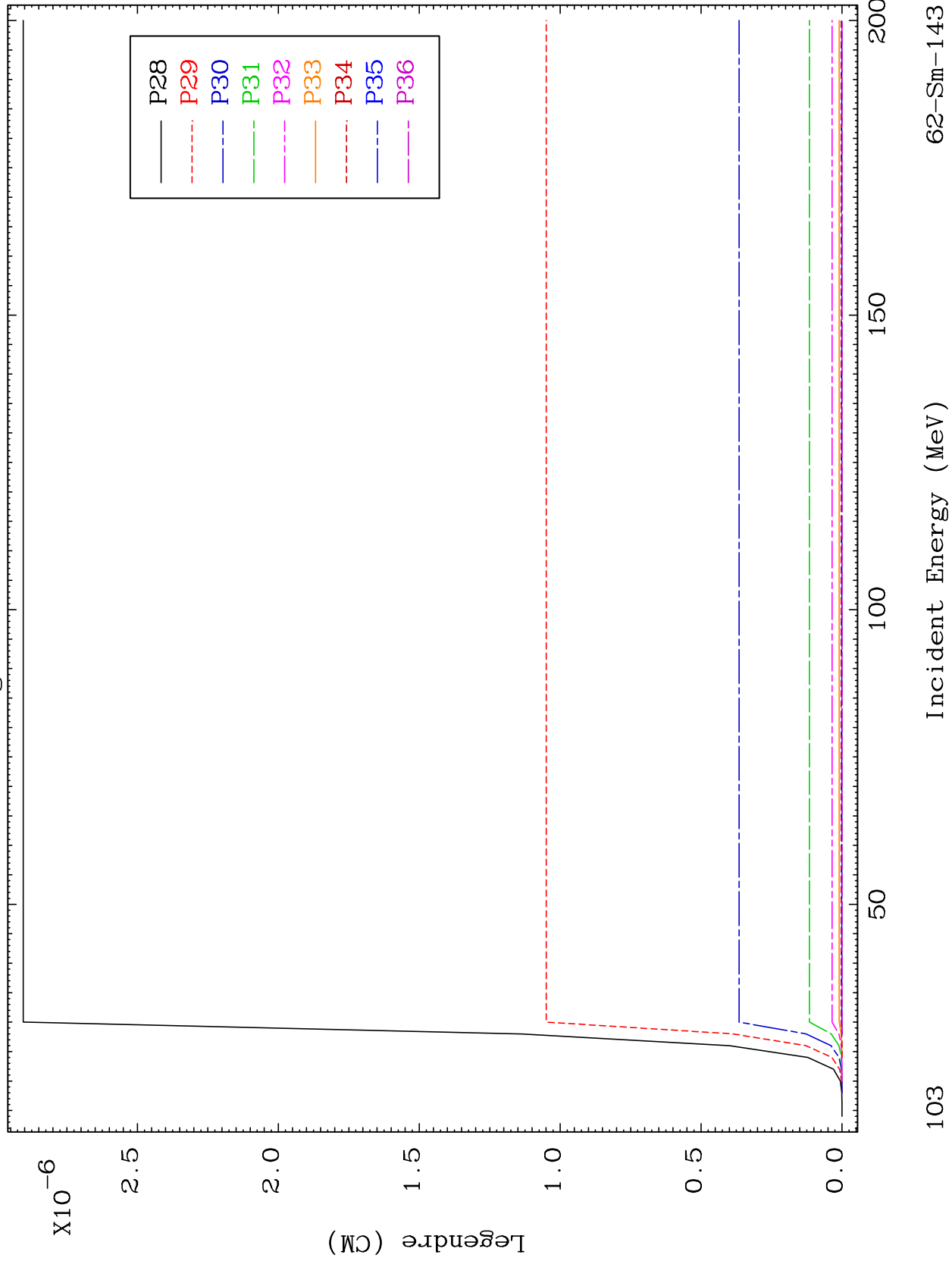
62-Sm-143



MAT 6222

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

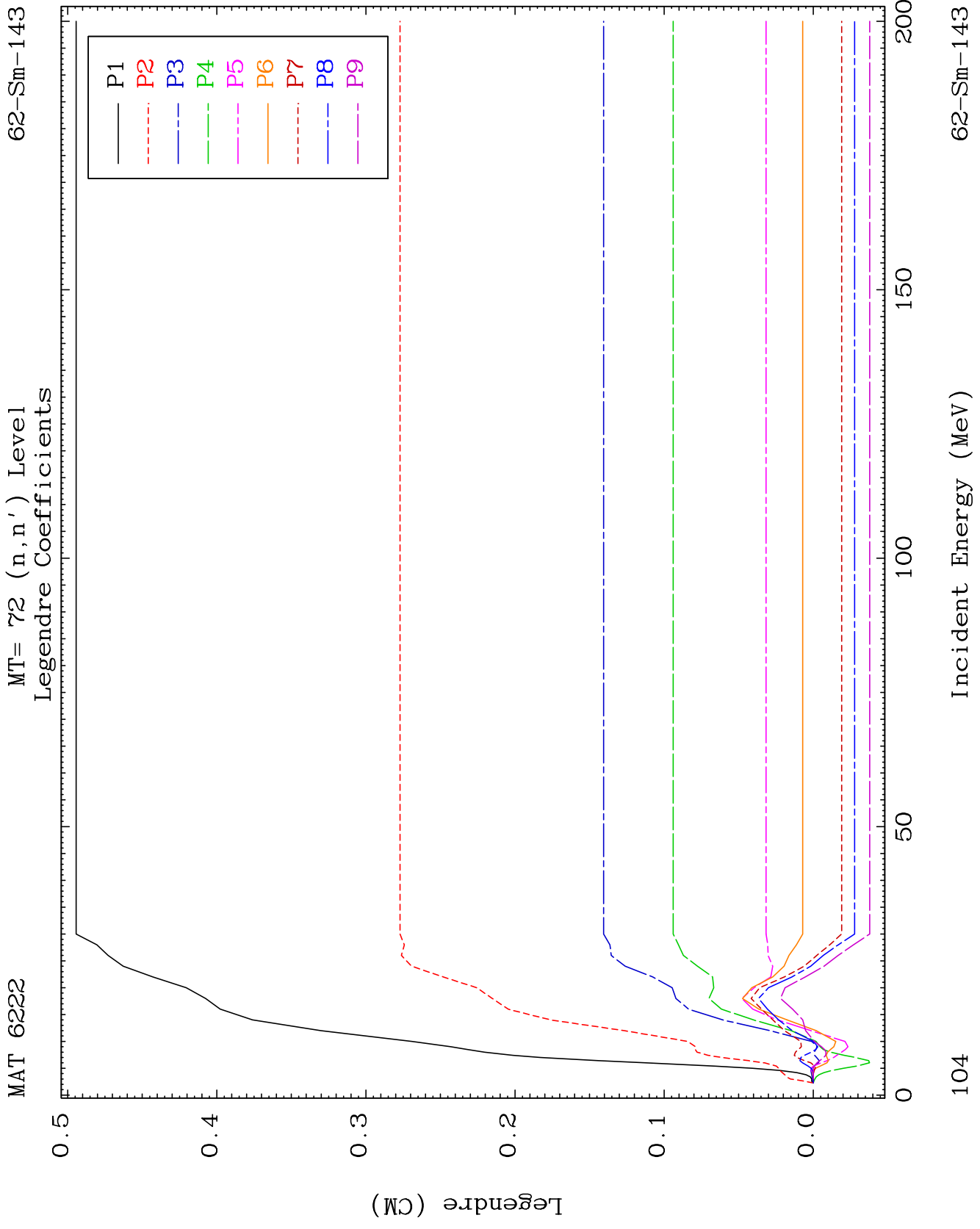
62-Sm-143



103

Incident Energy (MeV)

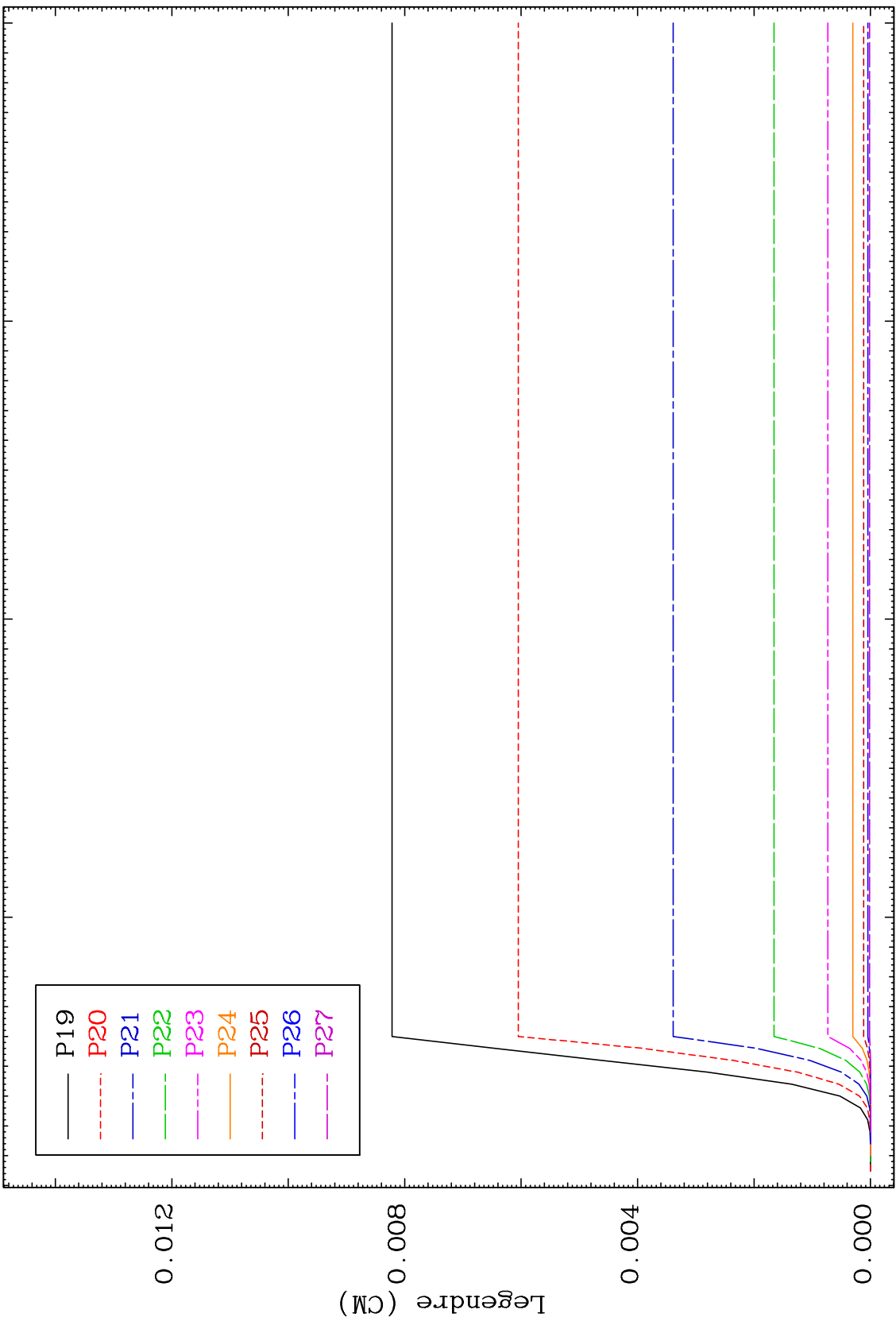
62-Sm-143



MAT 62222

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

62-Sm-143



106

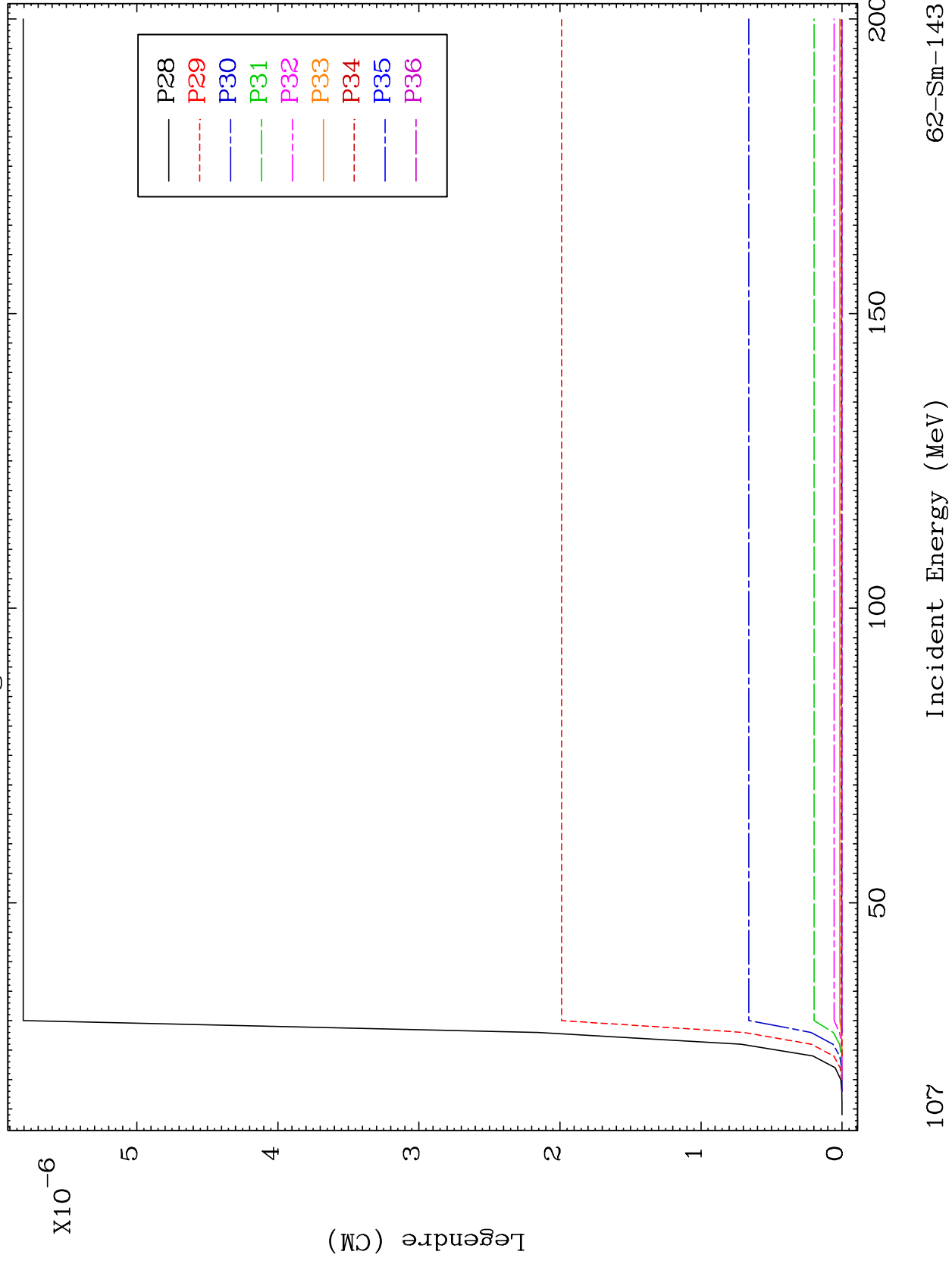
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



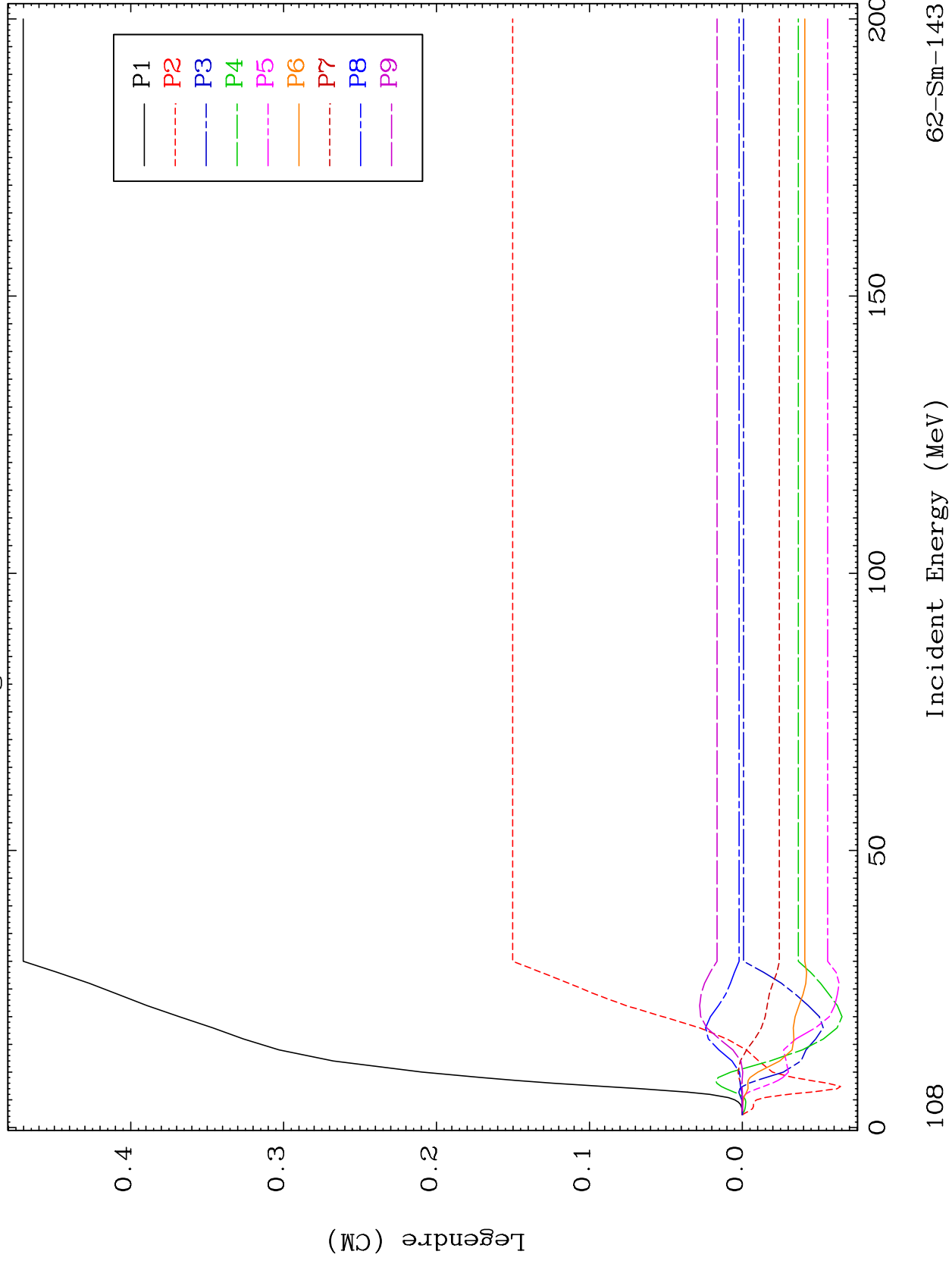
107

62-Sm-143

MAT 6222

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

62-Sm-143



62-Sm-143

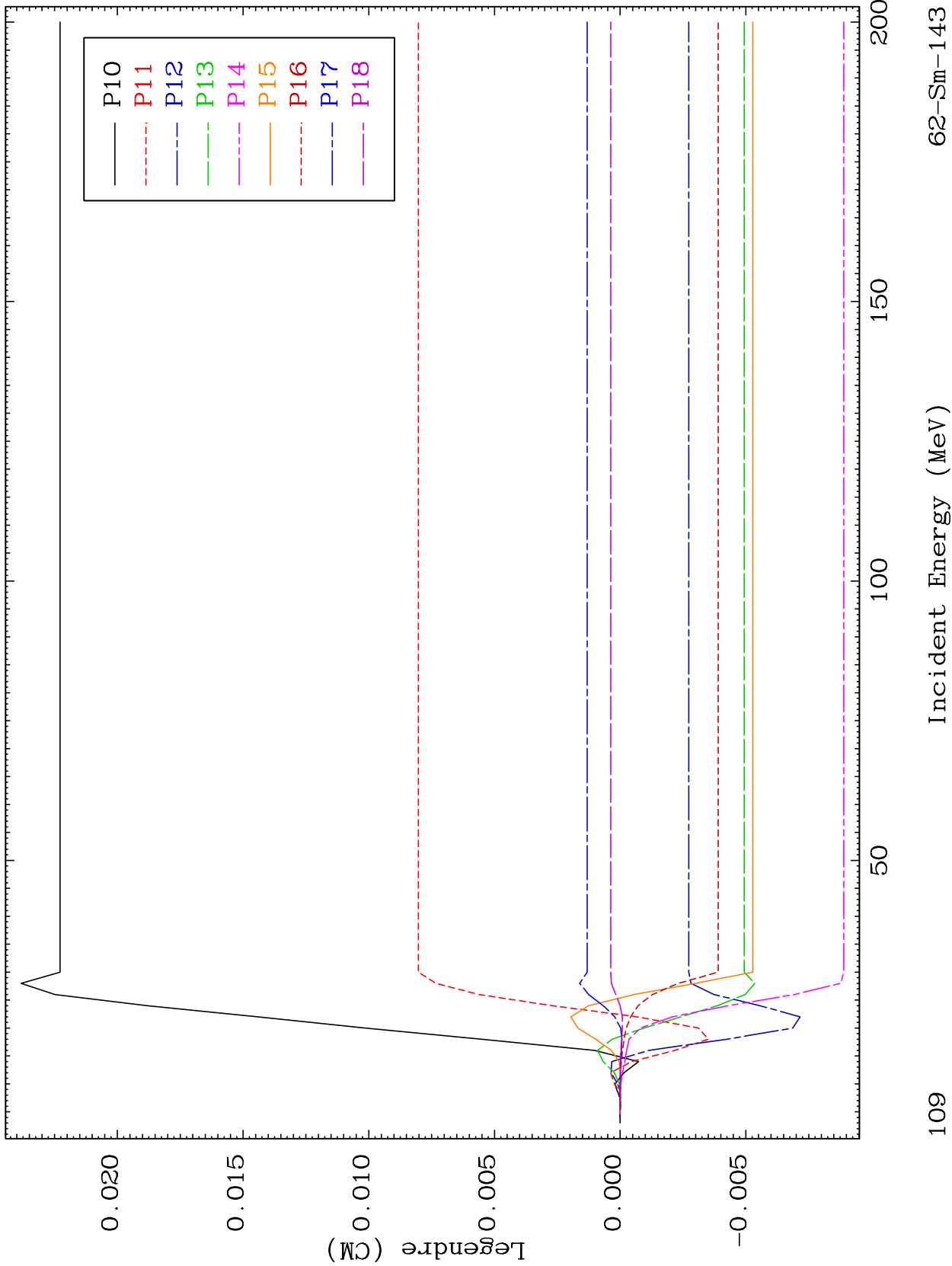
Incident Energy (MeV)

108

MAT 6222

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

62-Sm-143



109

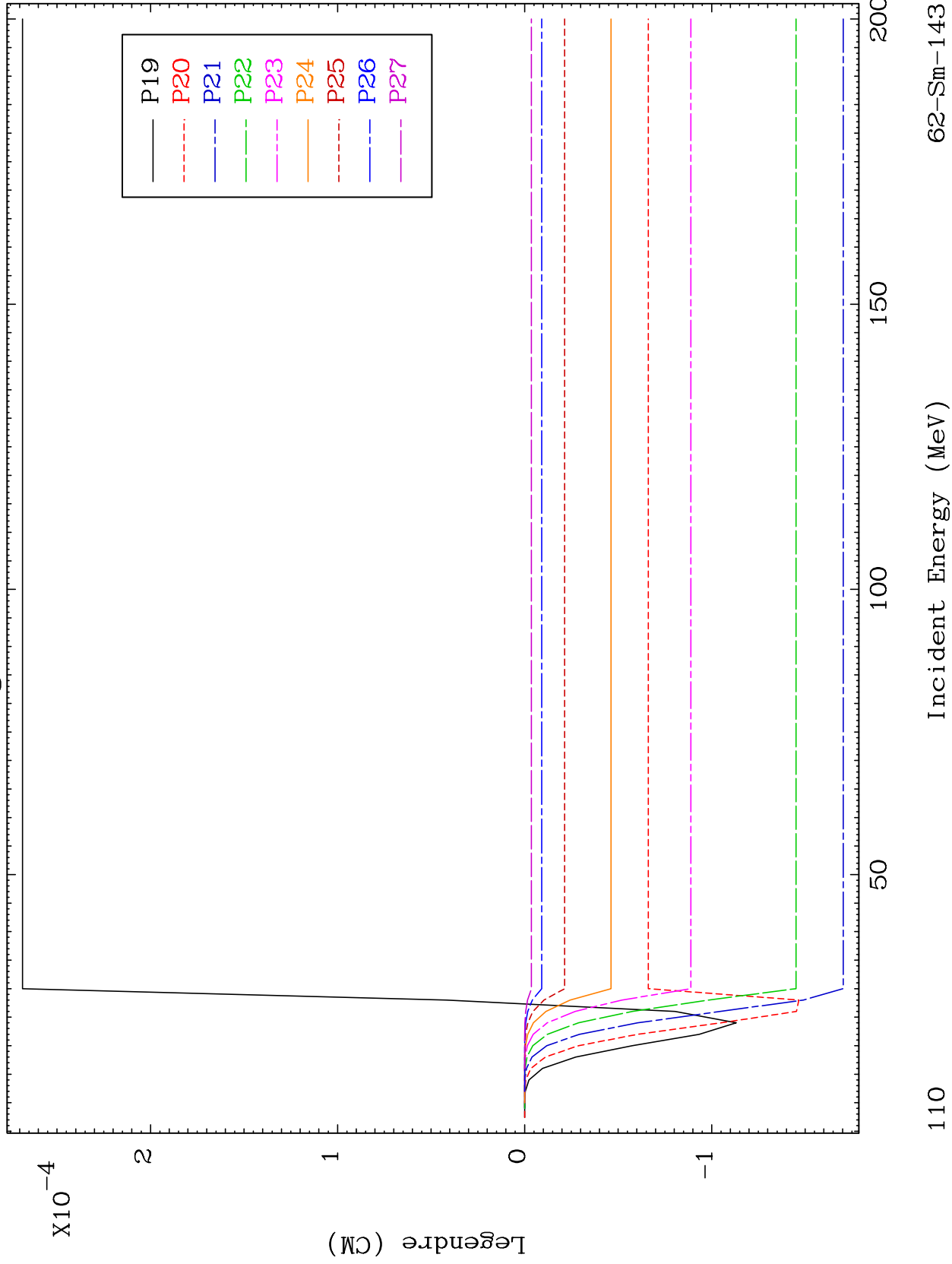
Incident Energy (MeV)

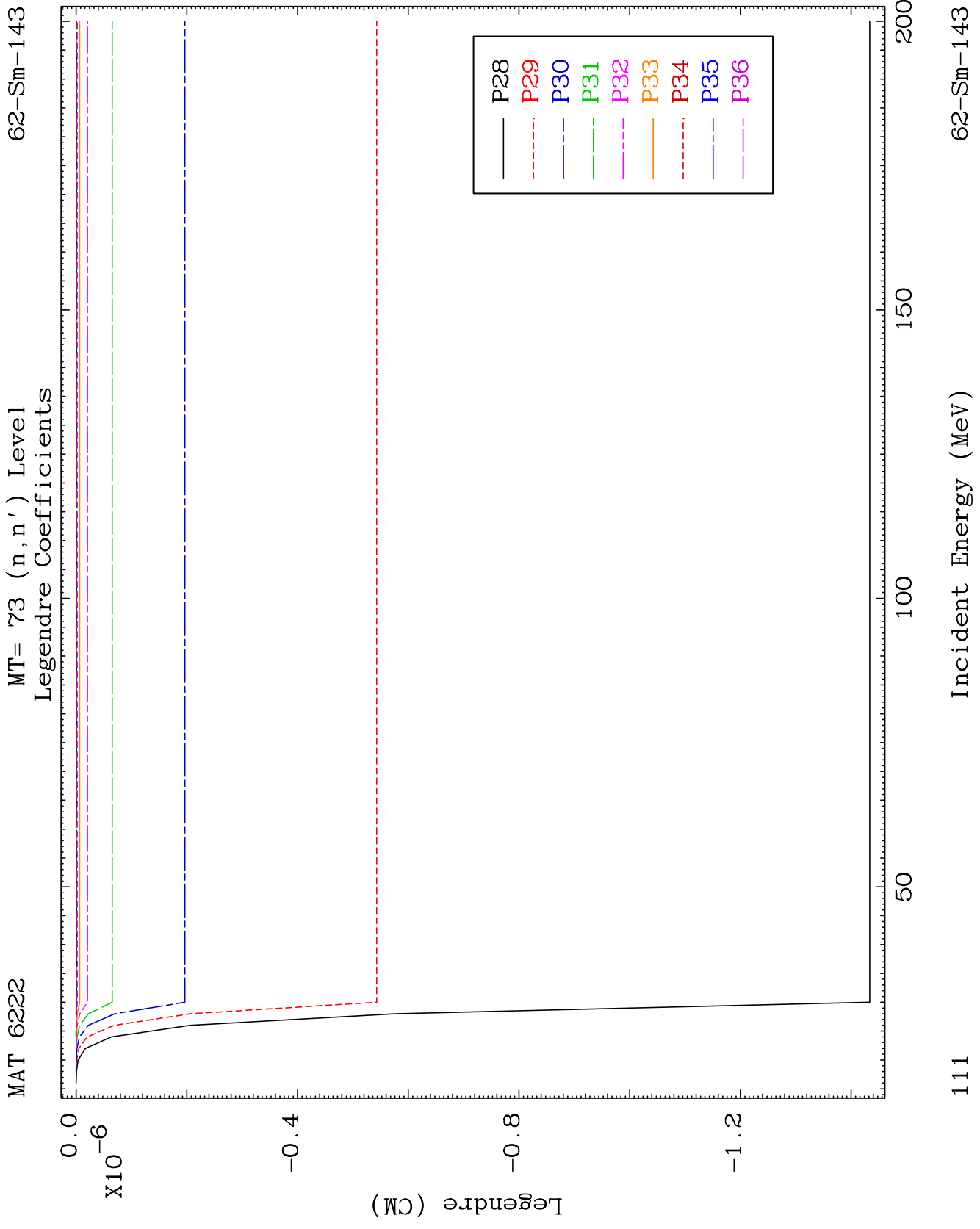
62-Sm-143

MAT 6222

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

62-Sm-143

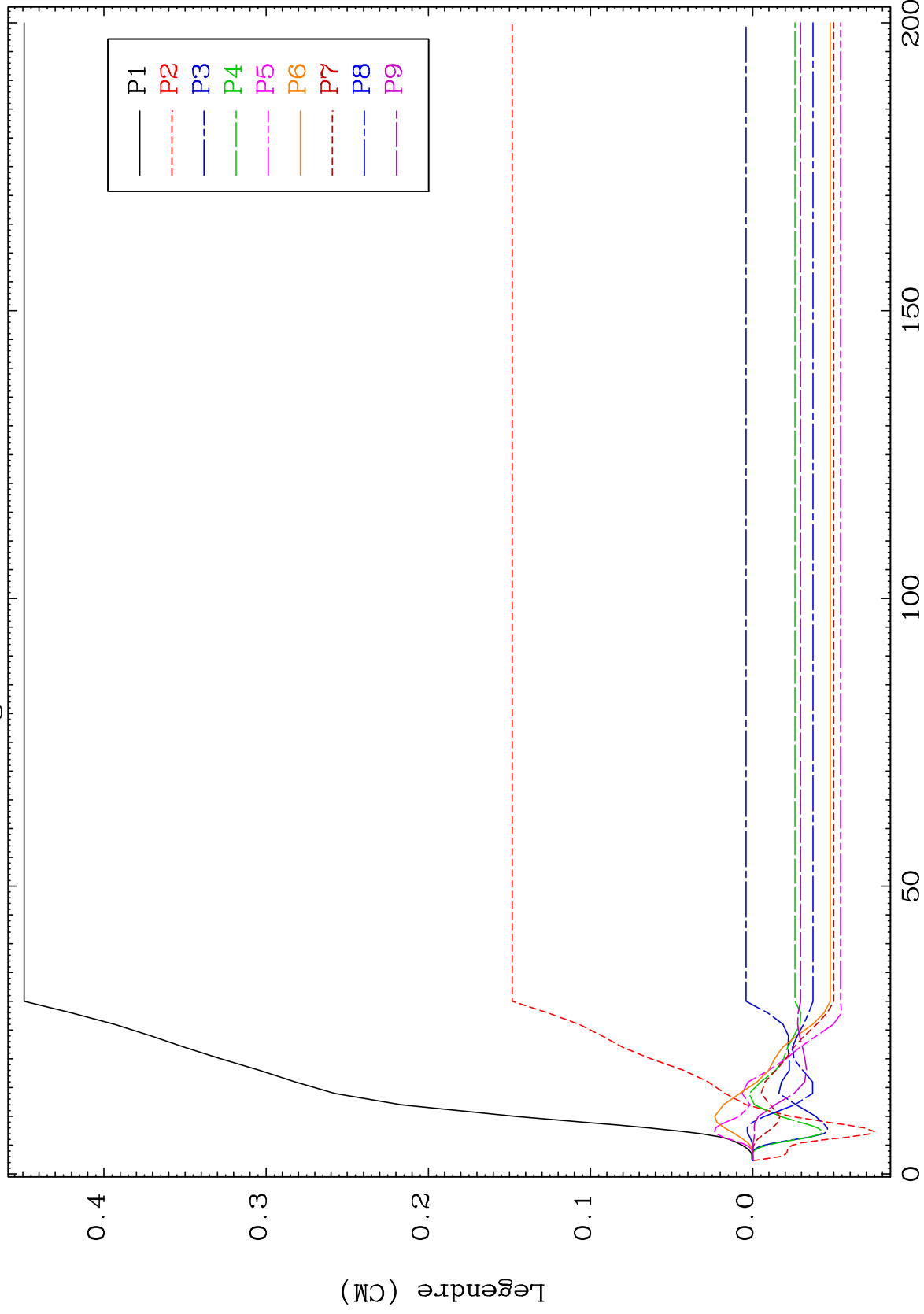




MAT 6222

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

62-Sm-143



112

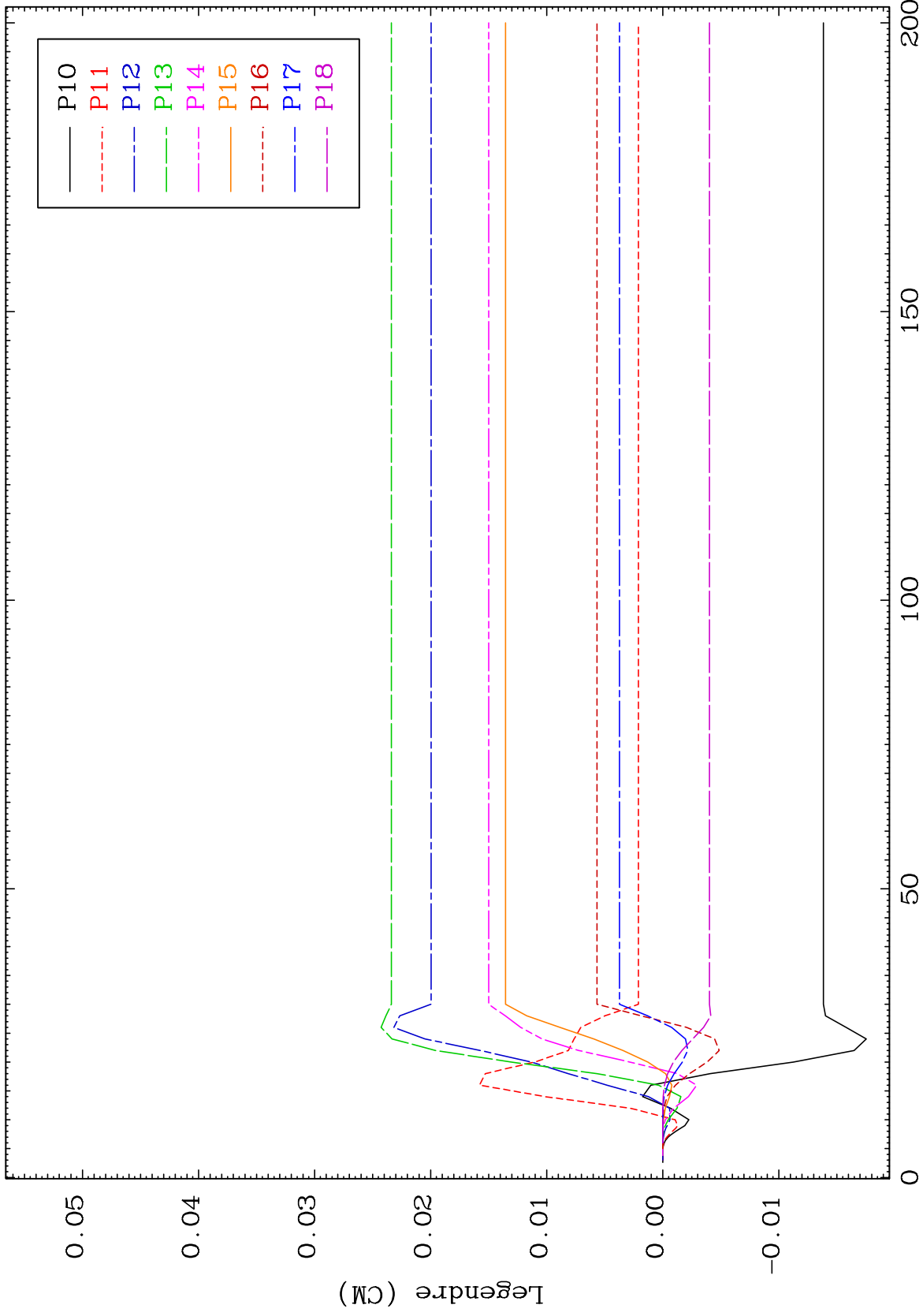
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



113

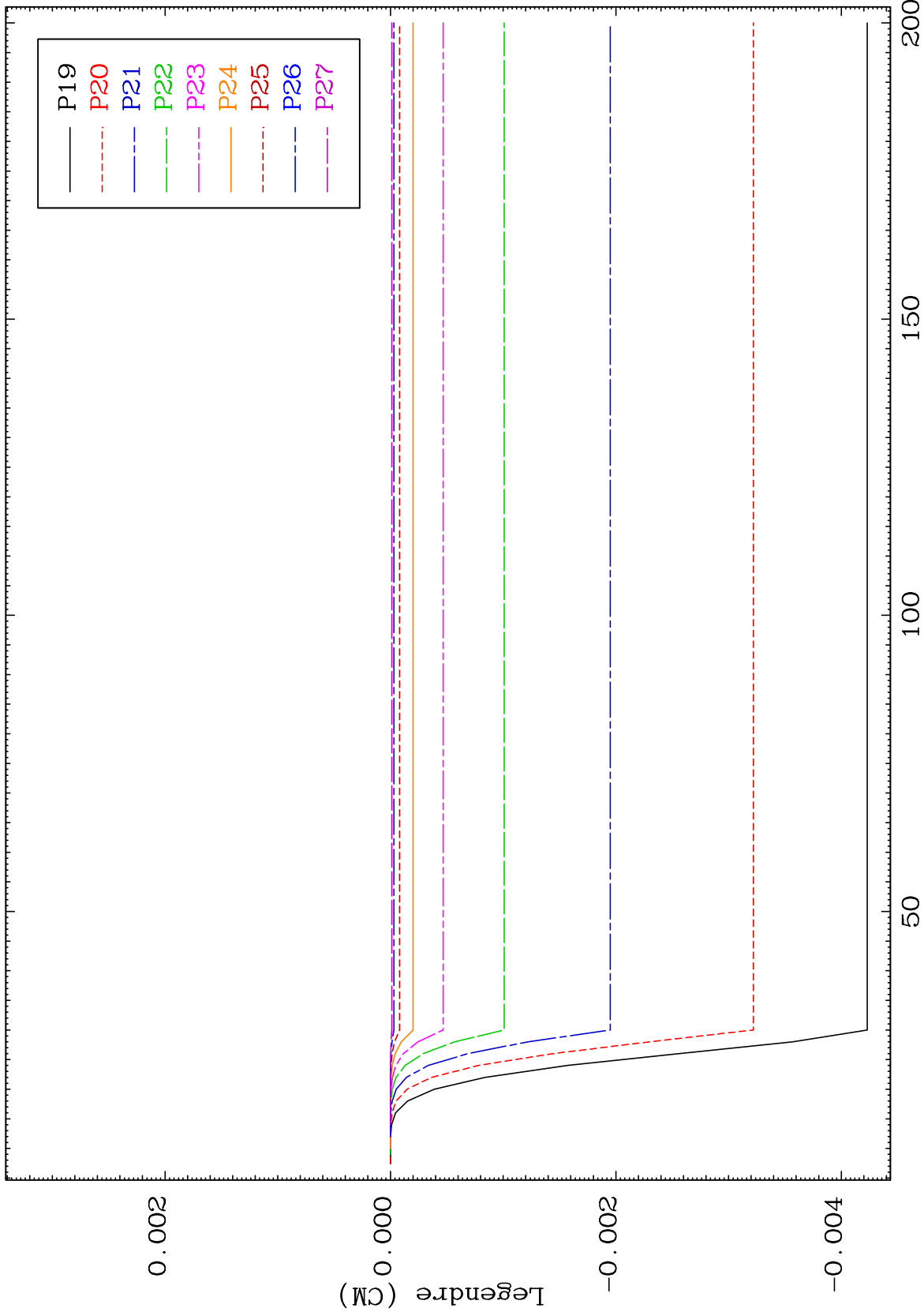
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

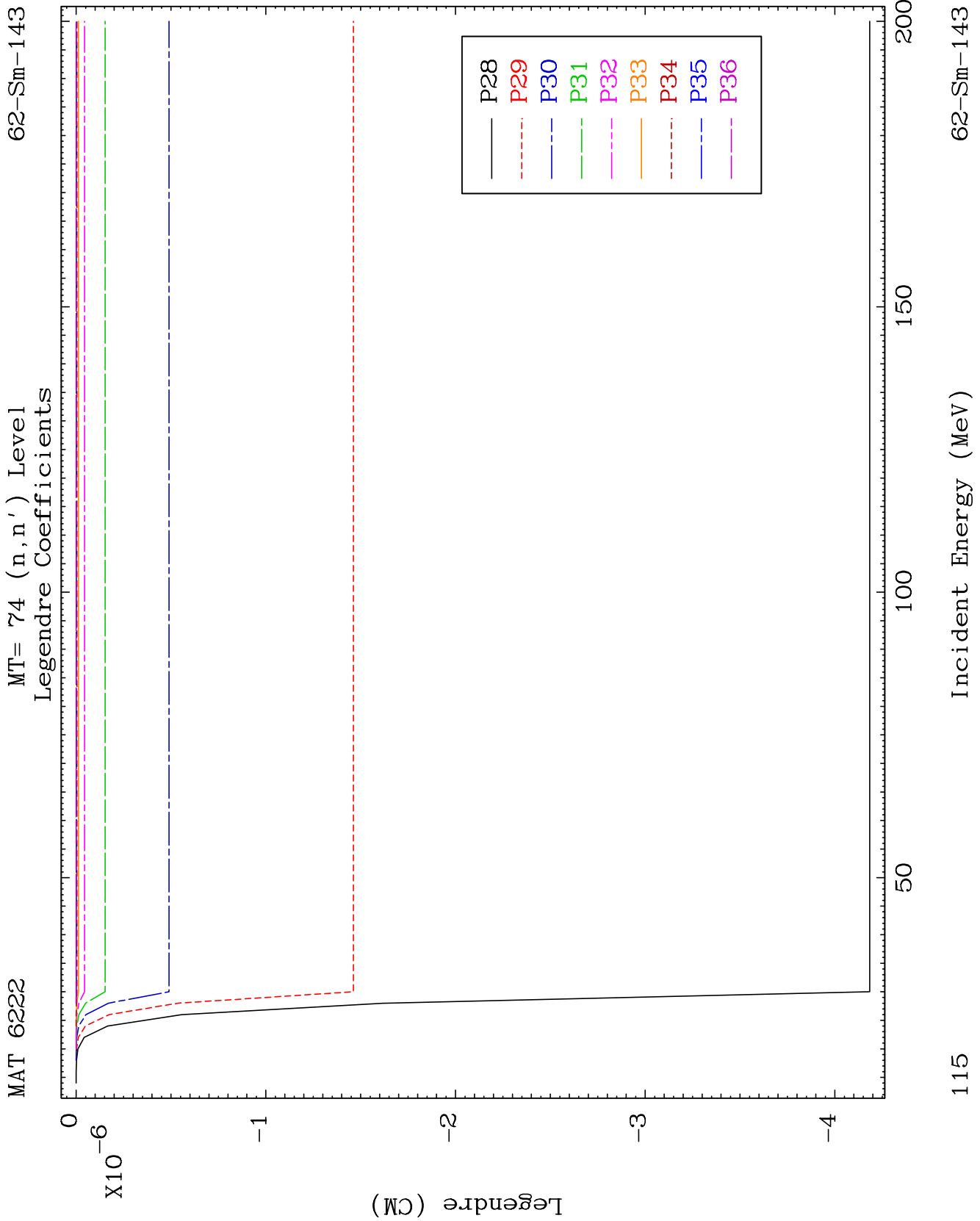
62-Sm-143



114

Incident Energy (MeV)

62-Sm-143



62-Sm-143

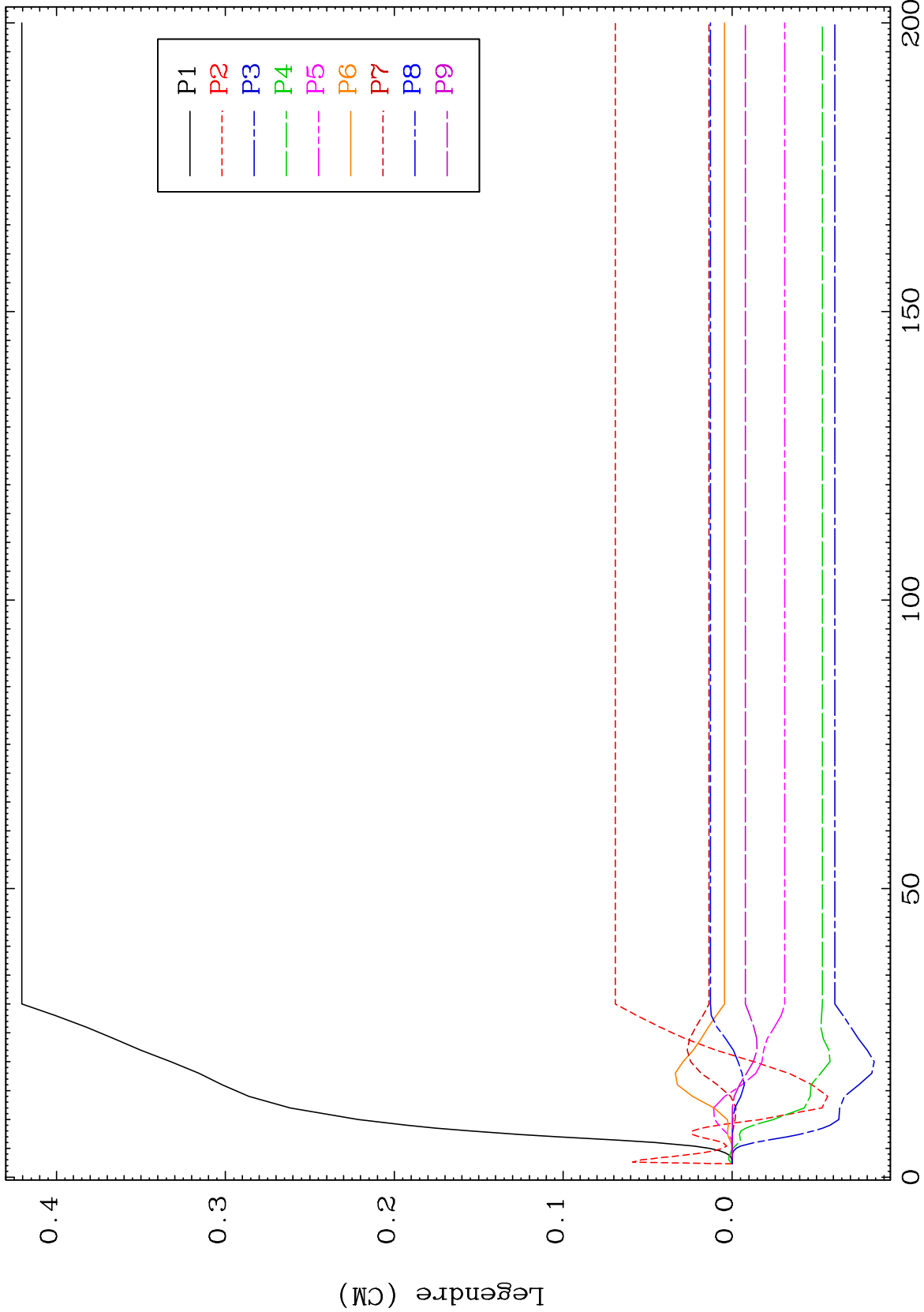
Incident Energy (MeV)

115

MAT 6222

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

62-Sm-143



116

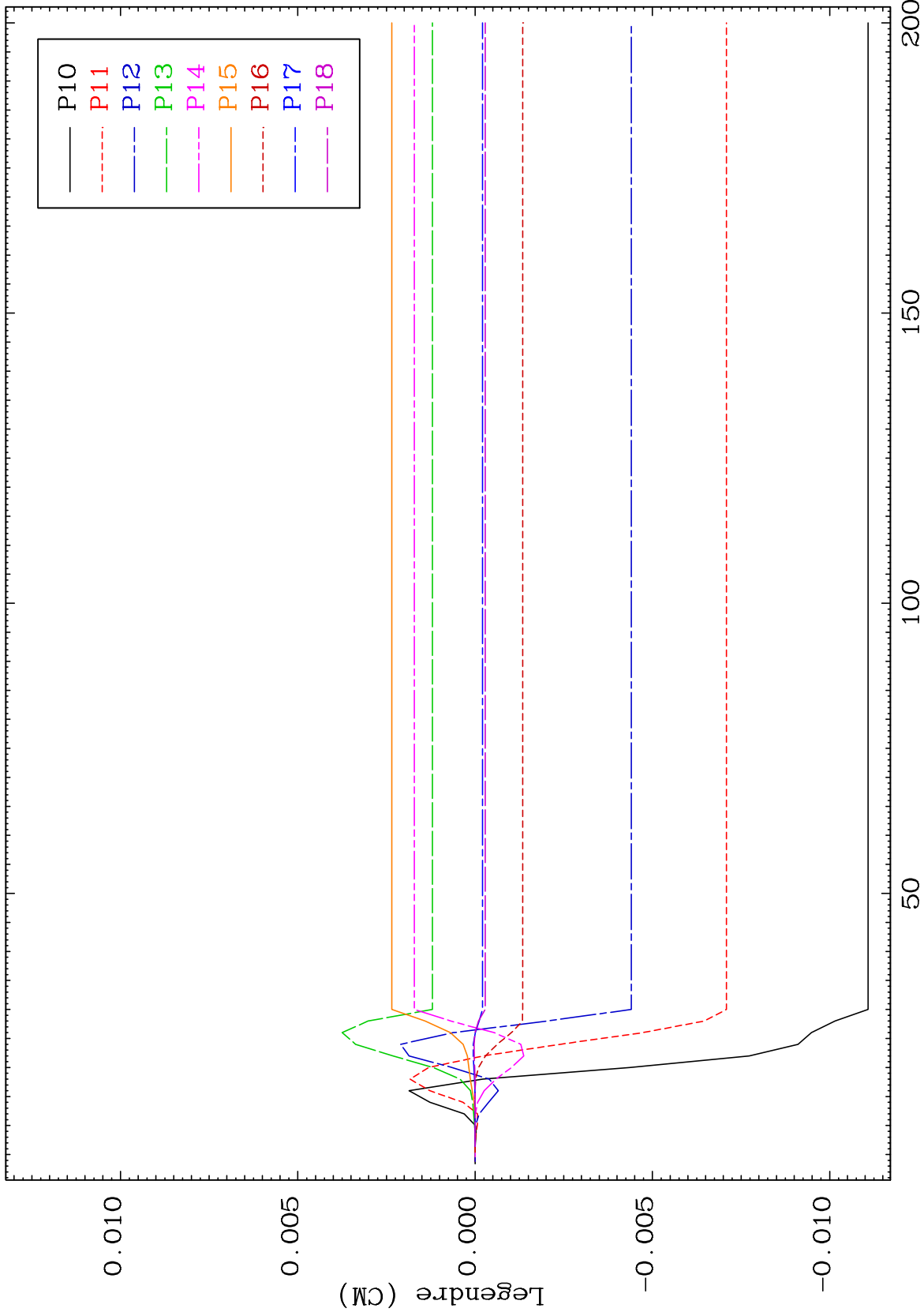
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



117

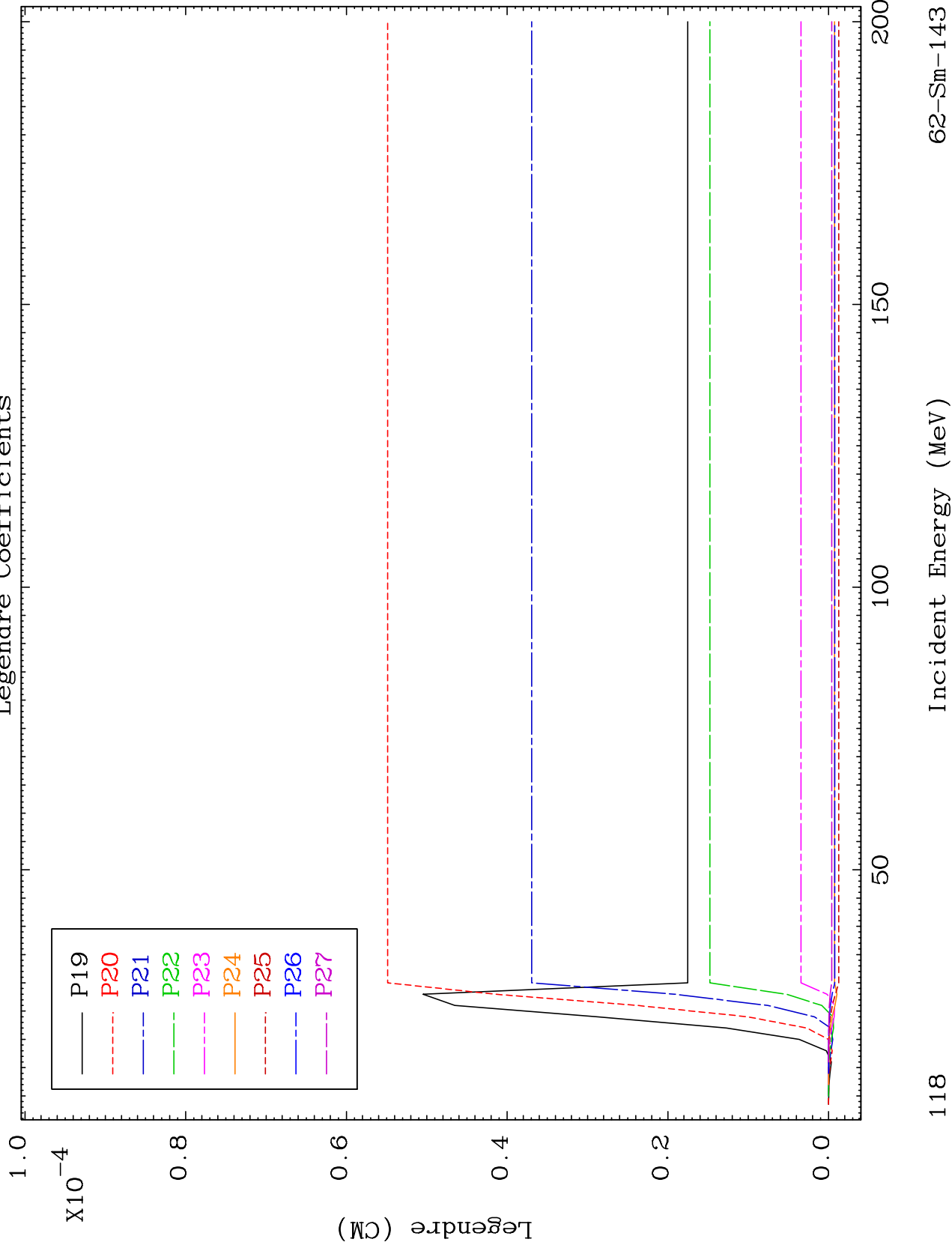
Incident Energy (MeV)

62-Sm-143

MAT 62222

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

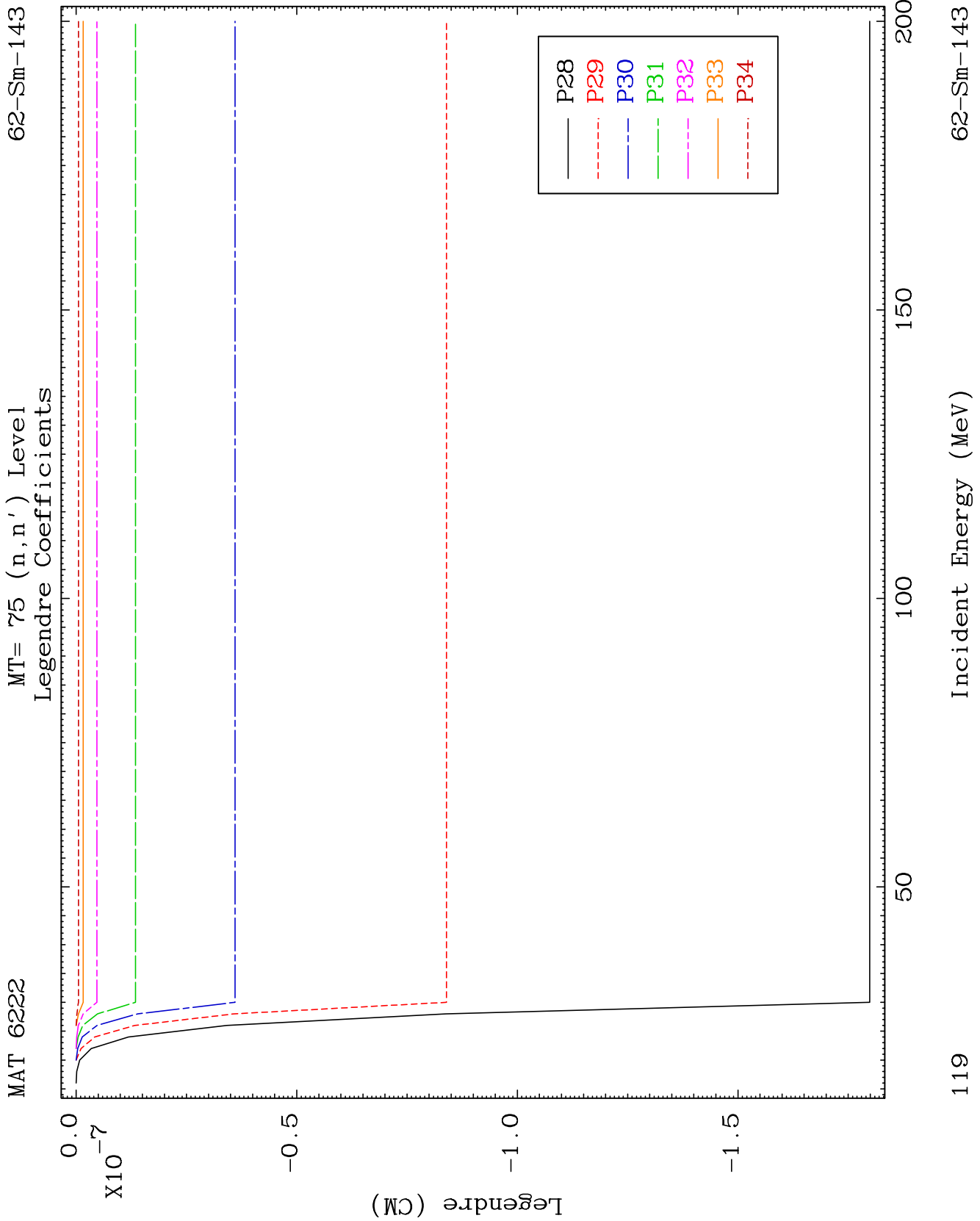
62-Sm-143



118

Incident Energy (MeV)

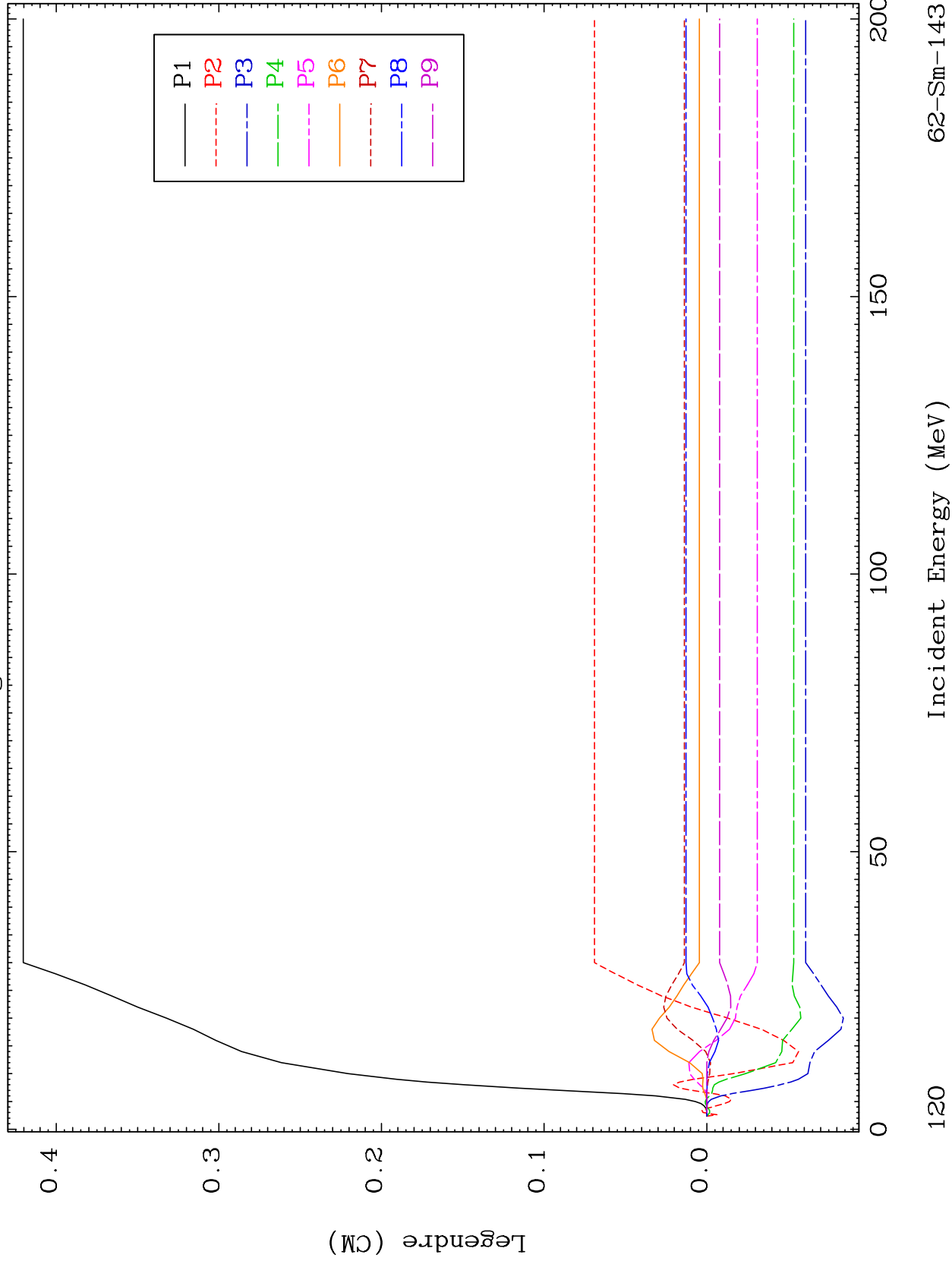
62-Sm-143



MAT 6222

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

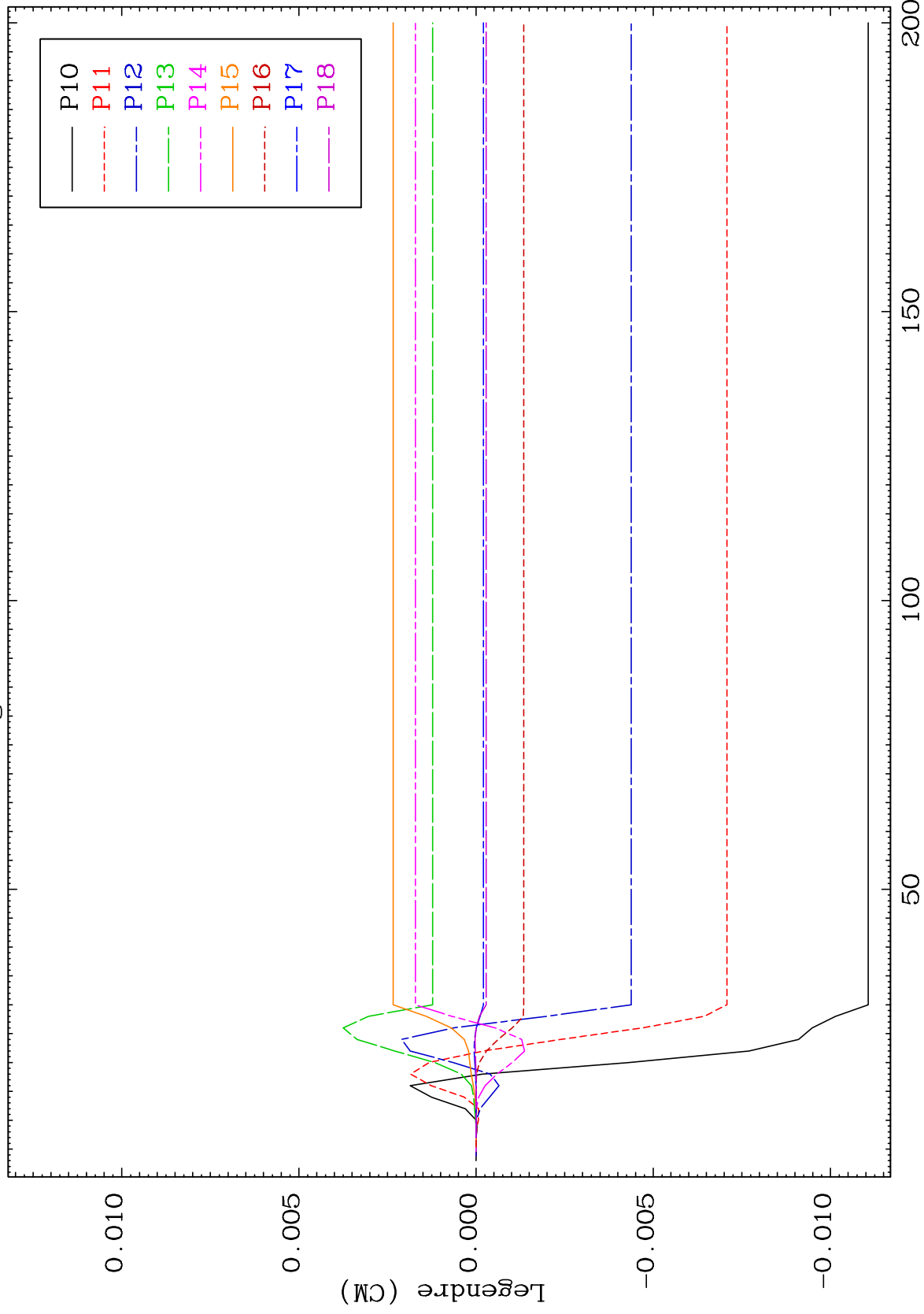
62-Sm-143



MAT 6222

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

62-Sm-143



121

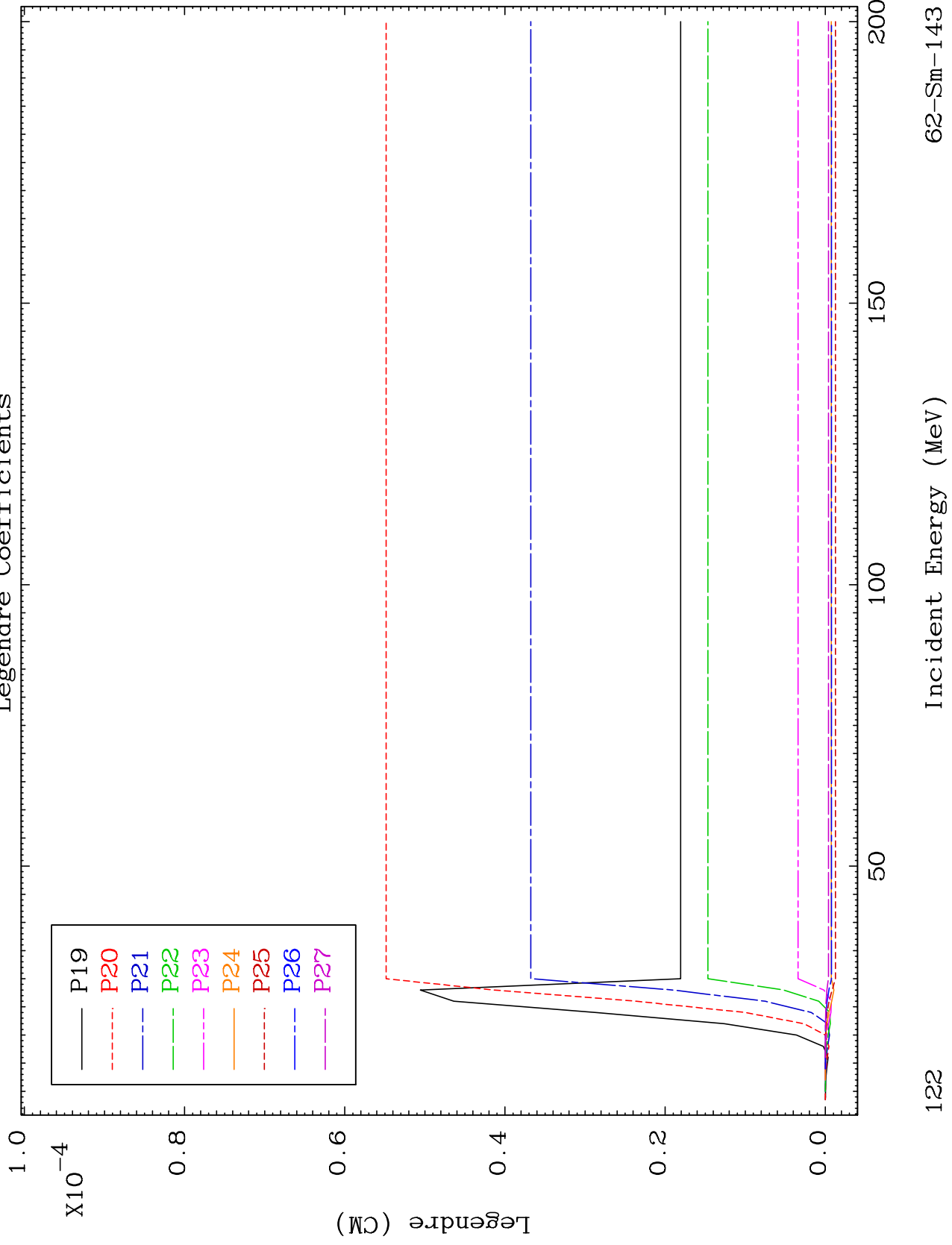
Incident Energy (MeV)

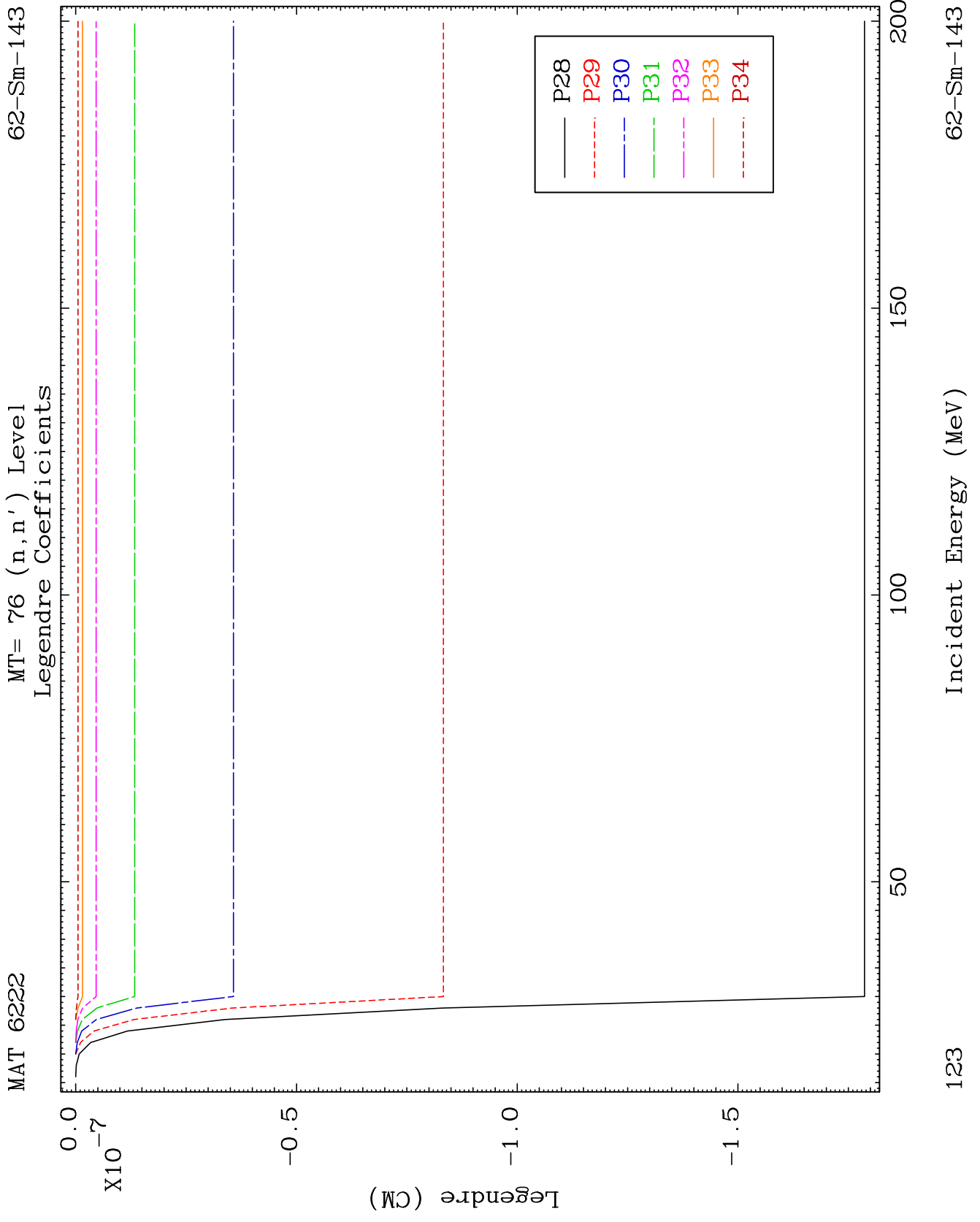
62-Sm-143

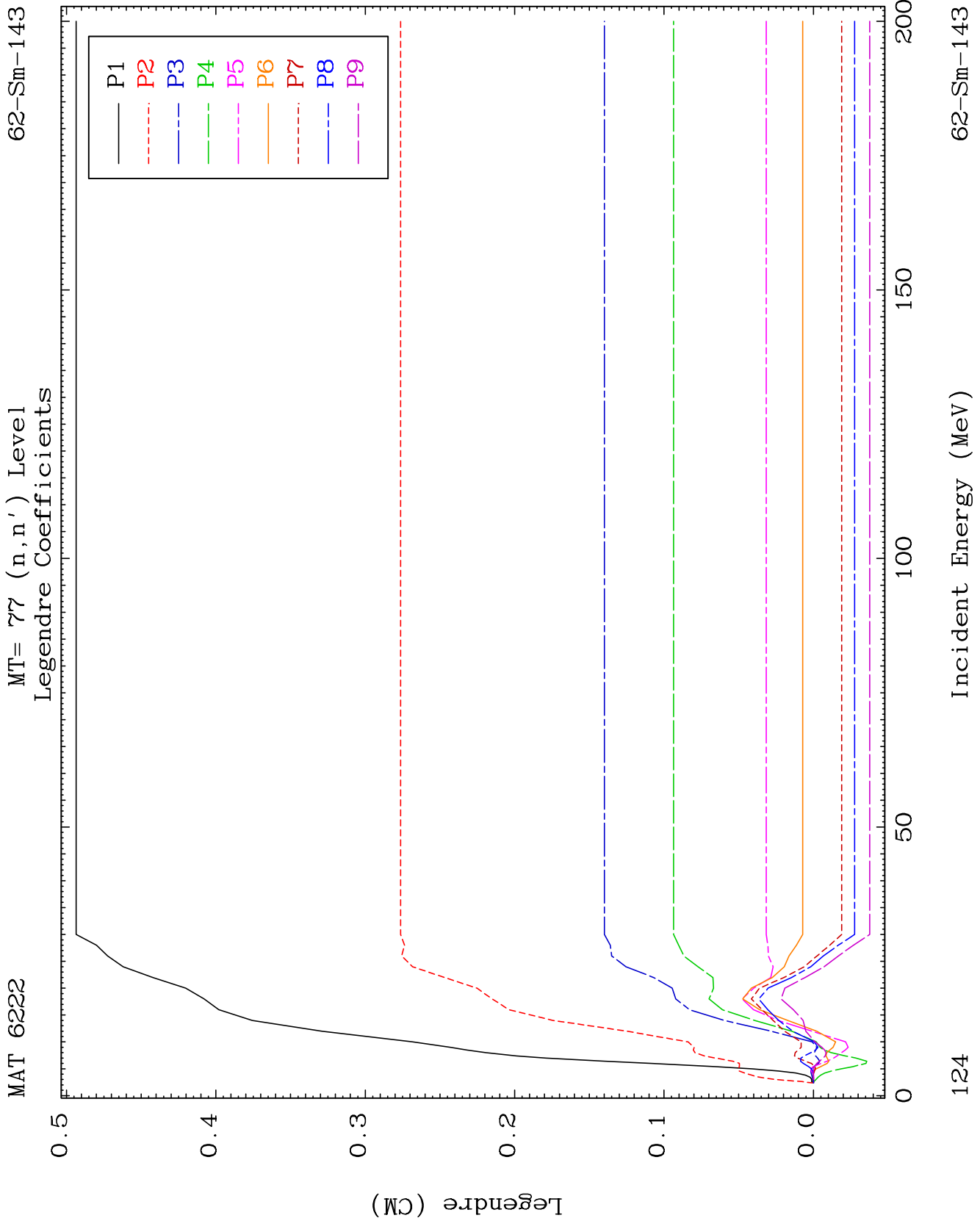
MAT 62222

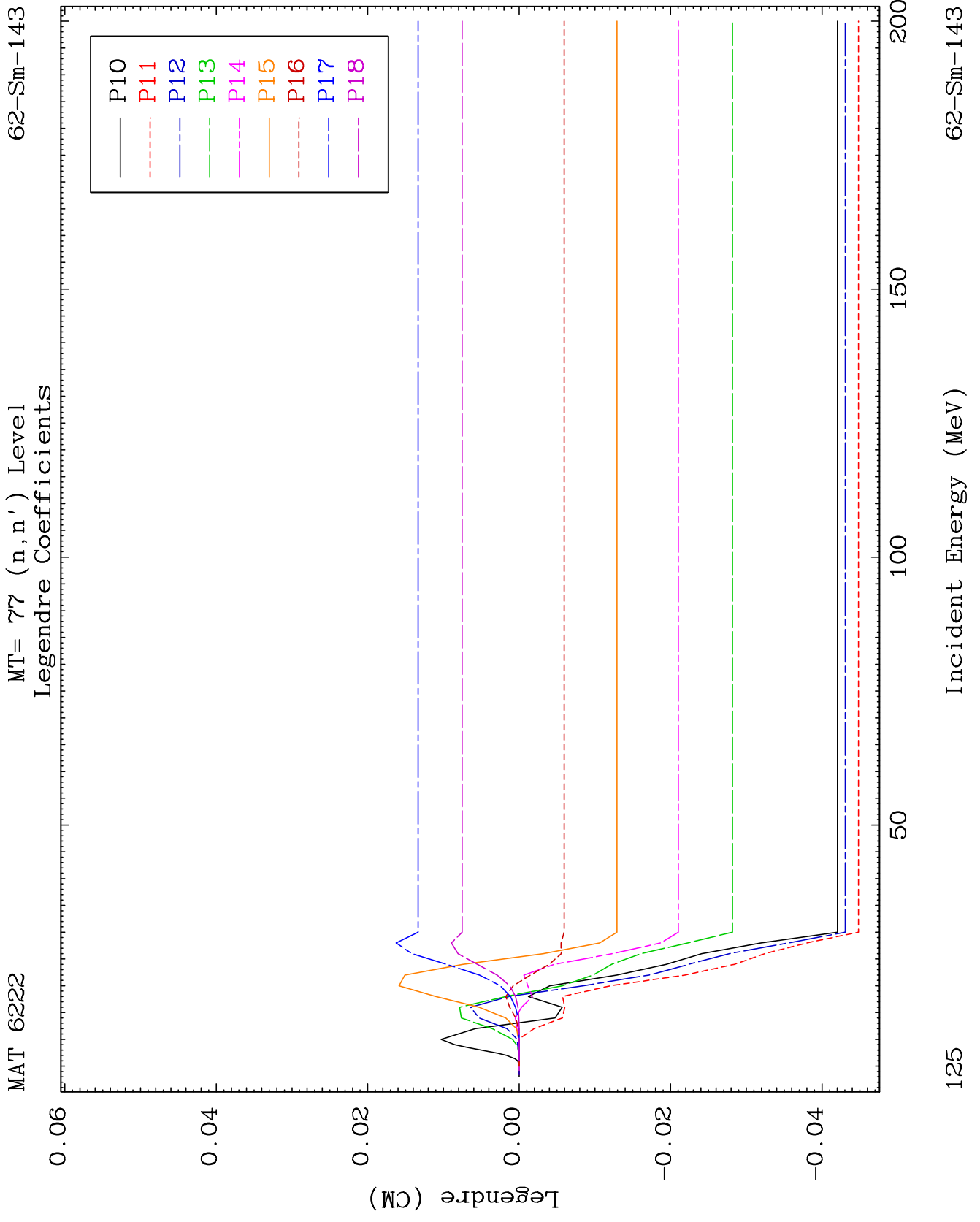
MT= 76 (n,n') Level
Legendre Coefficients

62-Sm-143





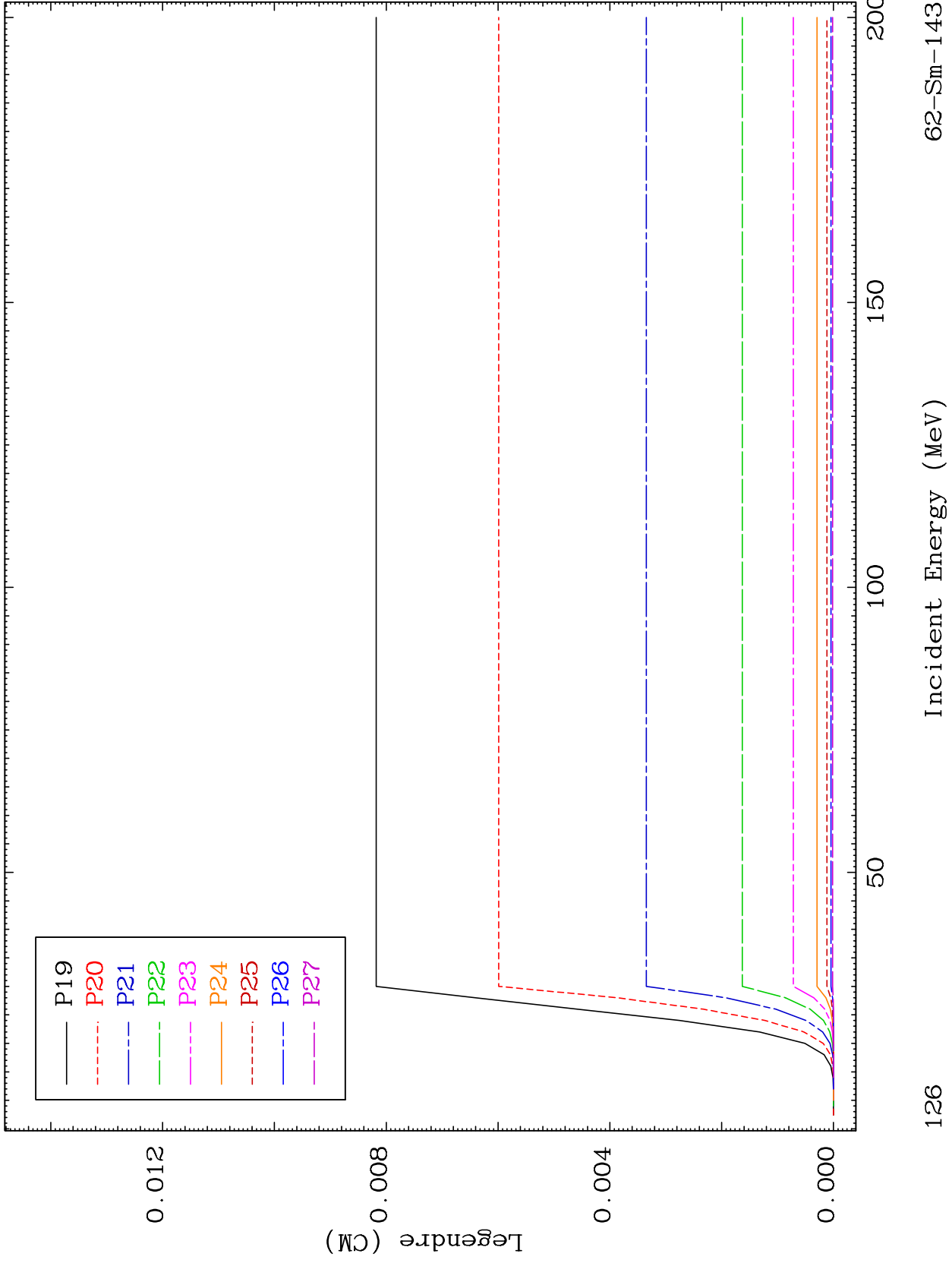




MAT 6222

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

62-Sm-143



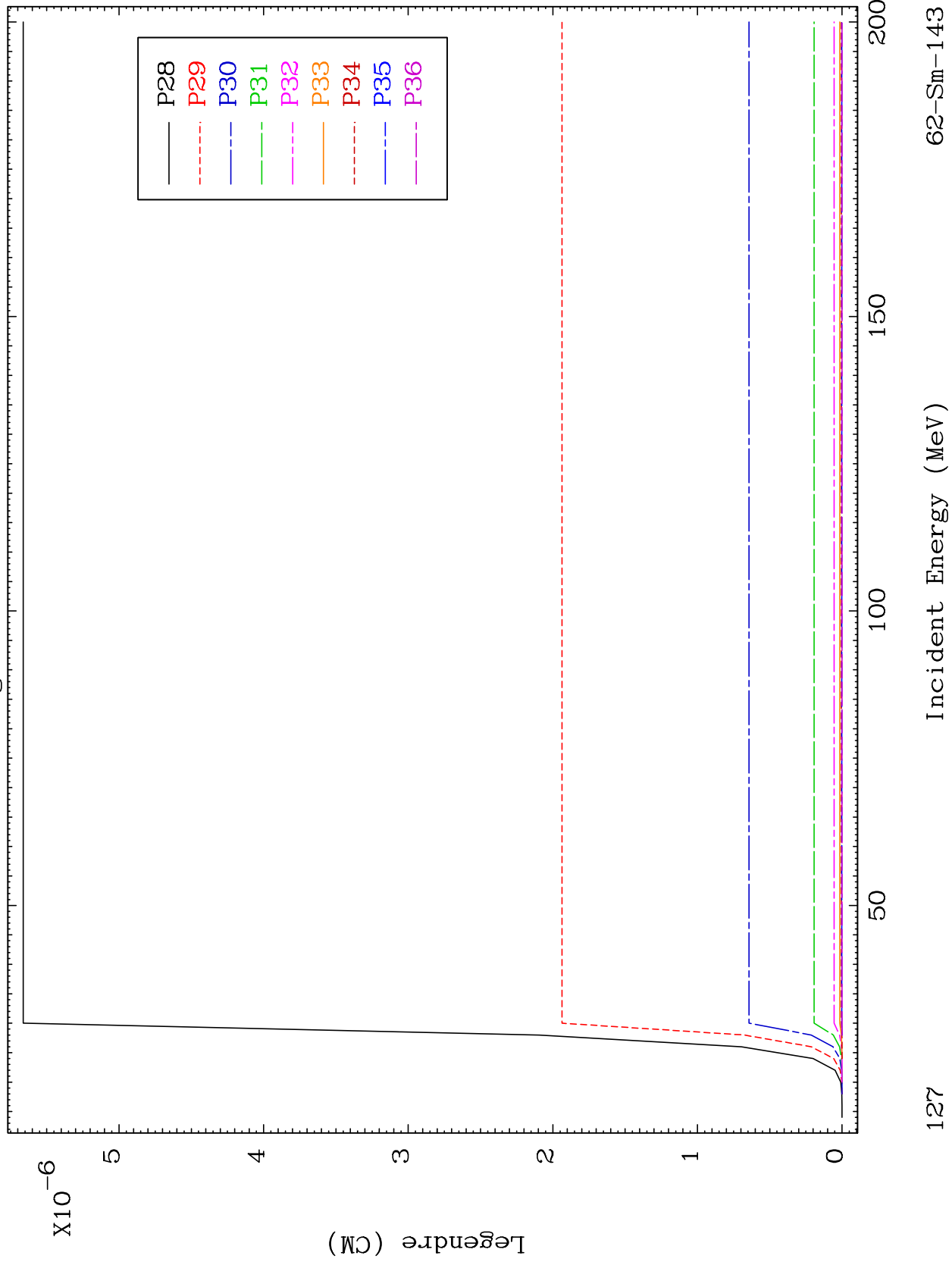
126

62-Sm-143

MAT 6222

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

62-Sm-143



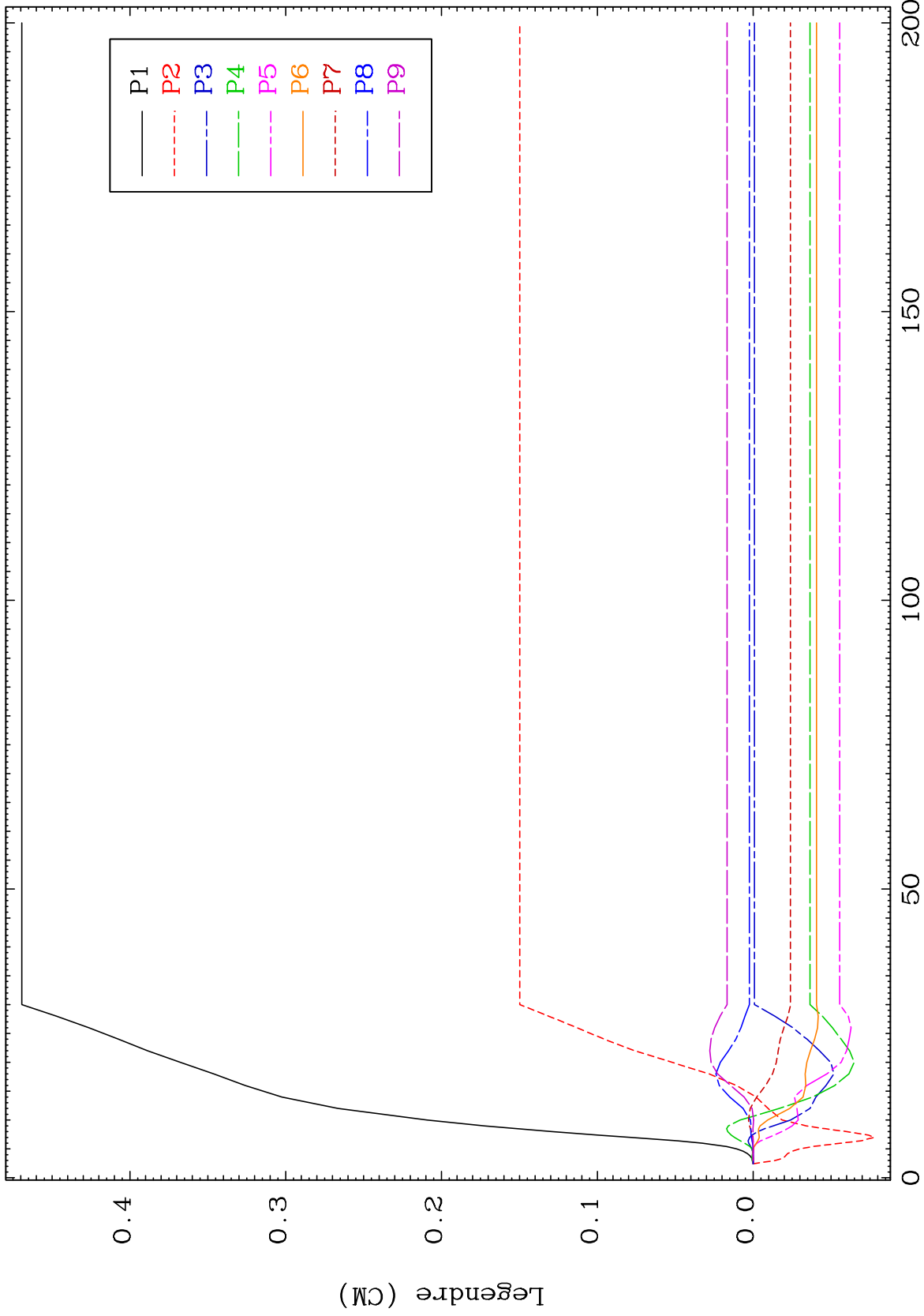
127

62-Sm-143

MAT 6222

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

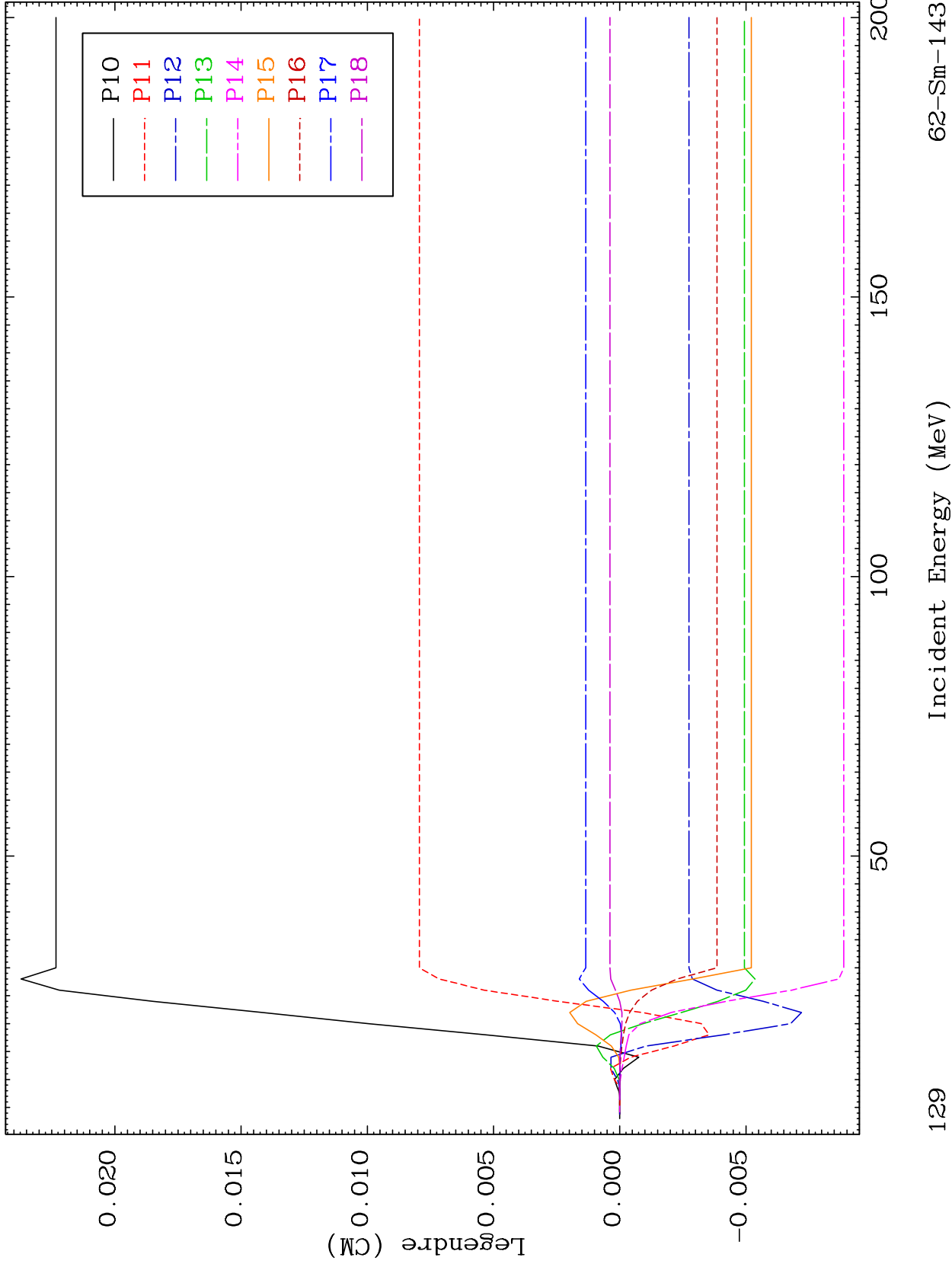
62-Sm-143



128

Incident Energy (MeV)

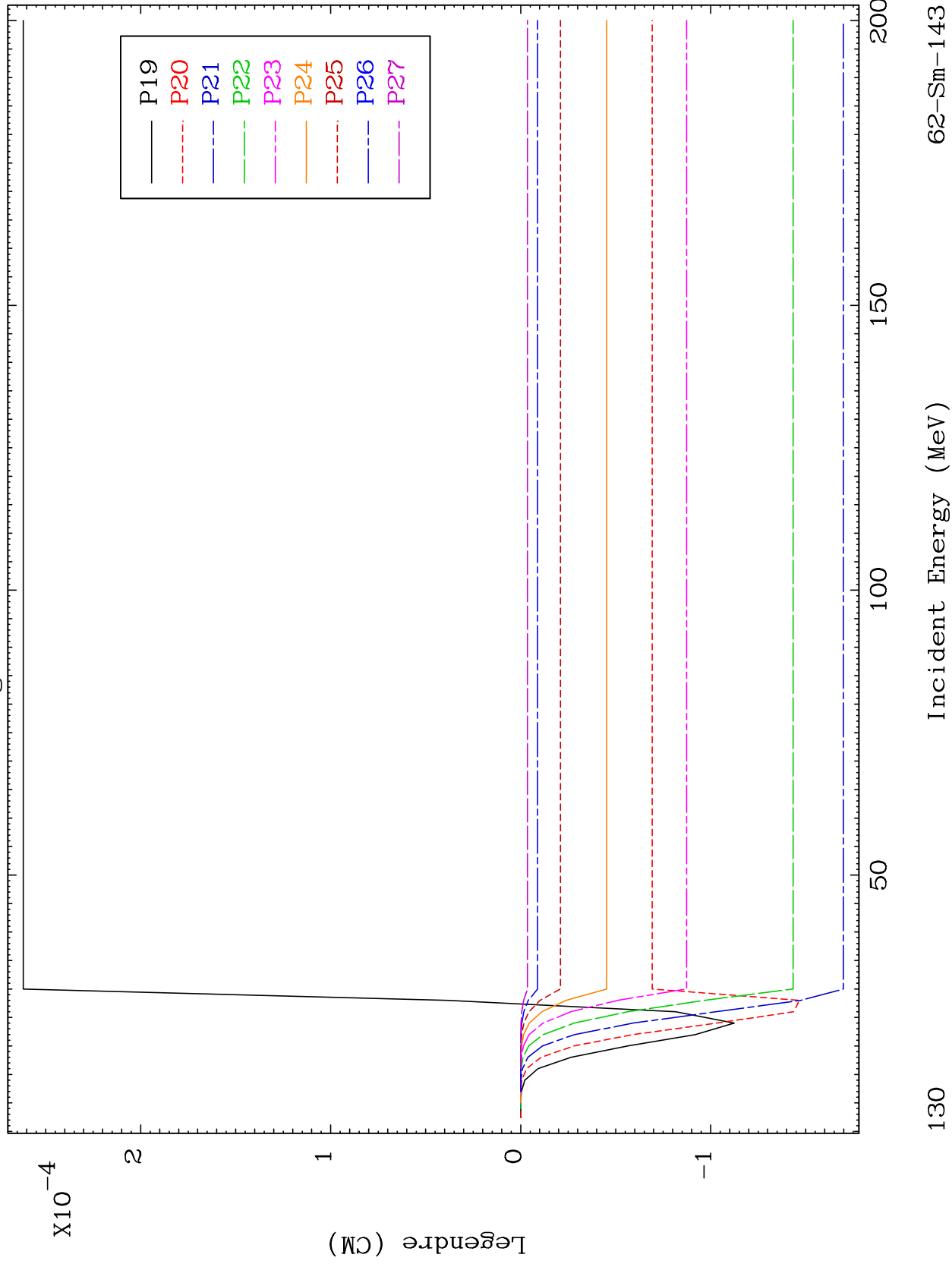
62-Sm-143



MAT 6222

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

62-Sm-143



130

Incident Energy (MeV)

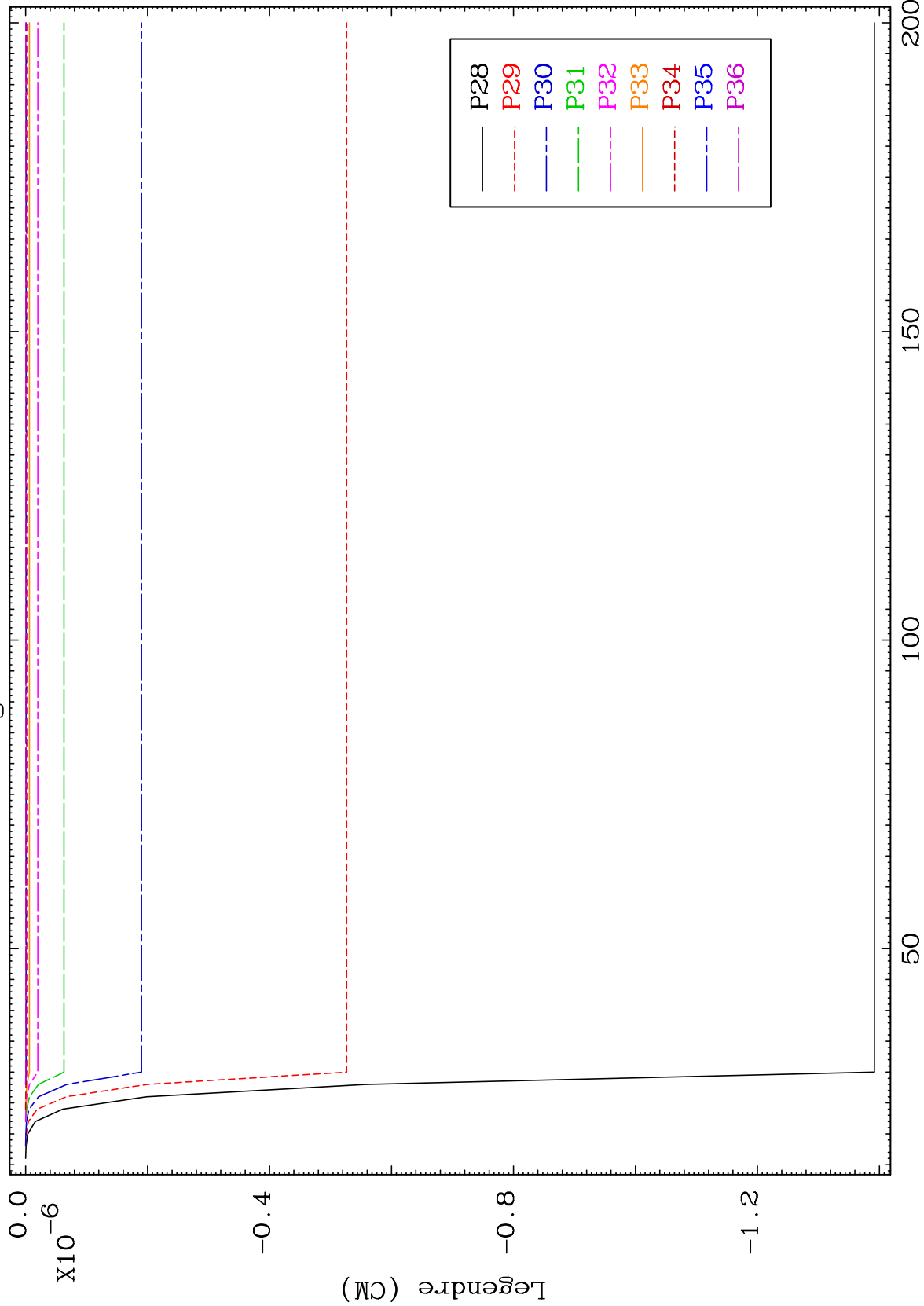
62-Sm-143

MAT 6222

MT= 78 (n,n') Level

62-Sm-143

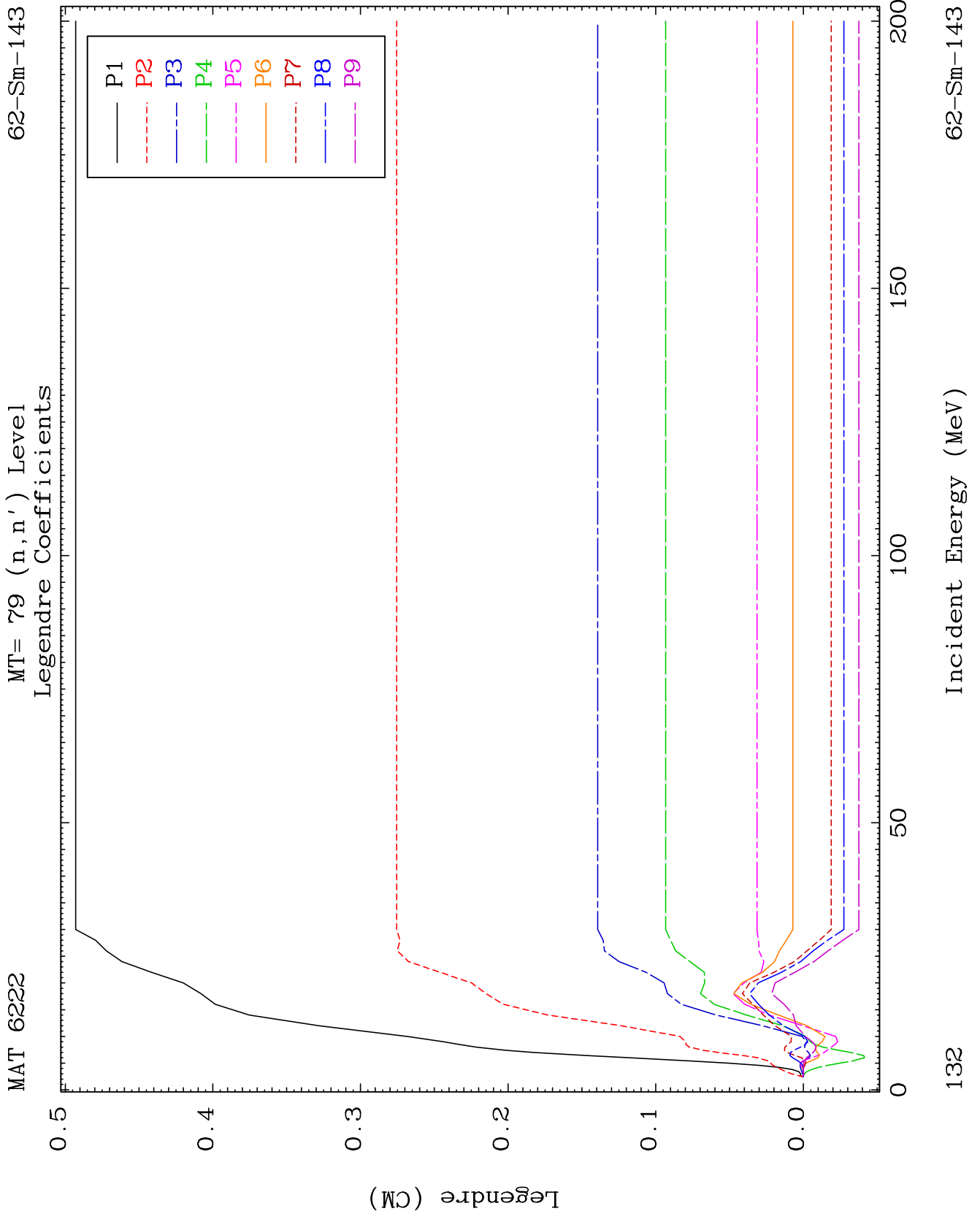
Legendre Coefficients

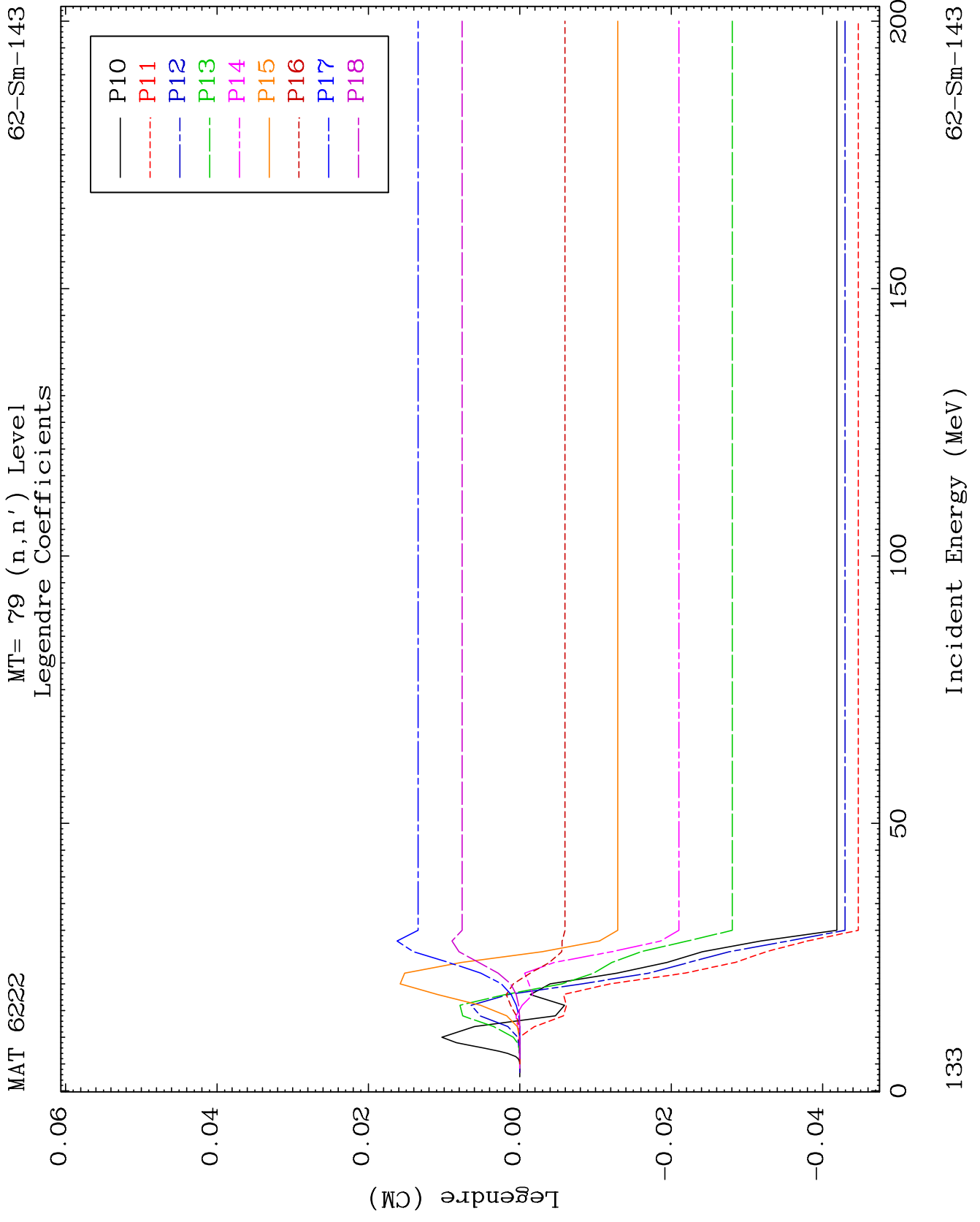


62-Sm-143

Incident Energy (MeV)

131

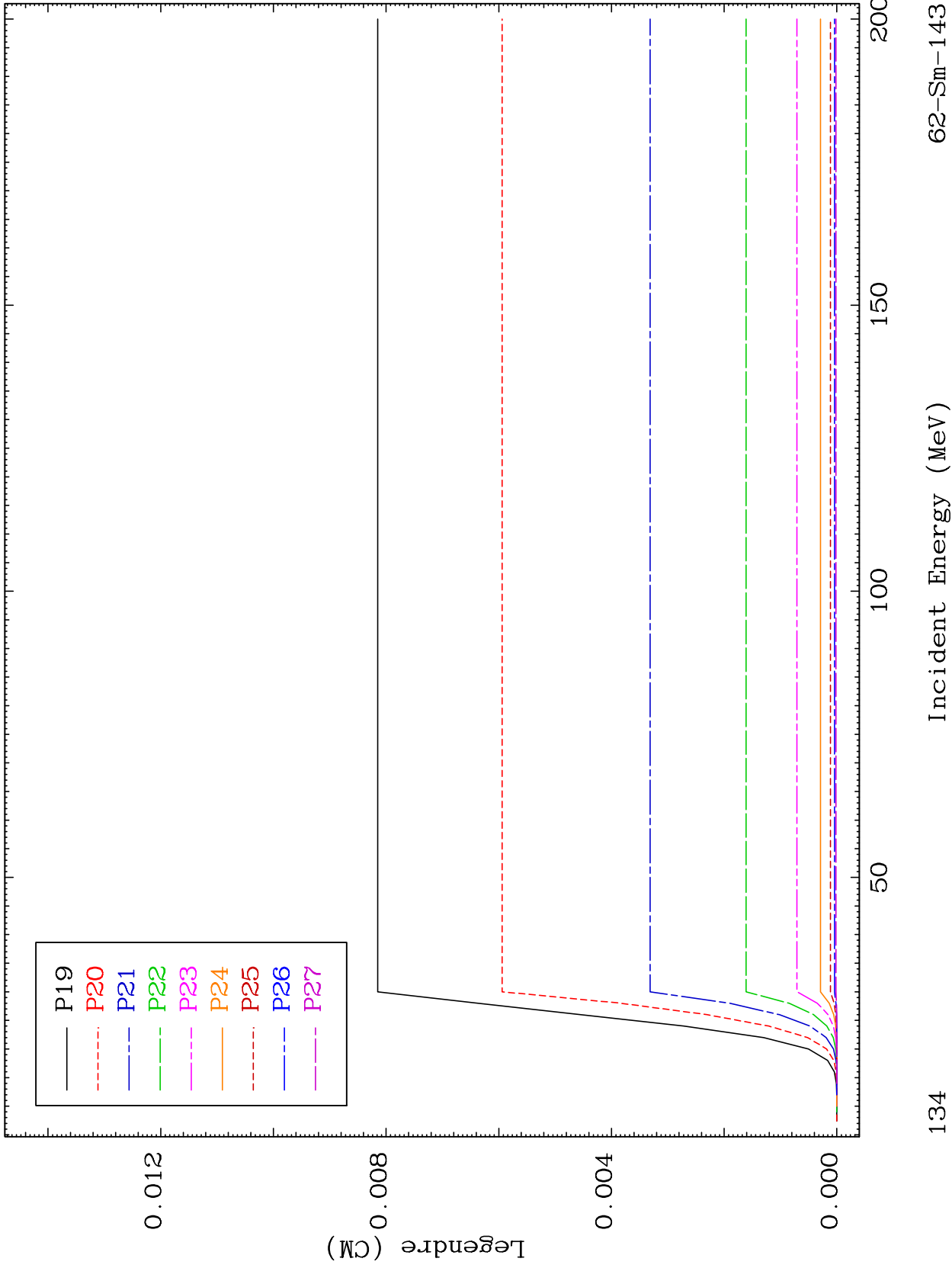




MAT 6222

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

62-Sm-143



134

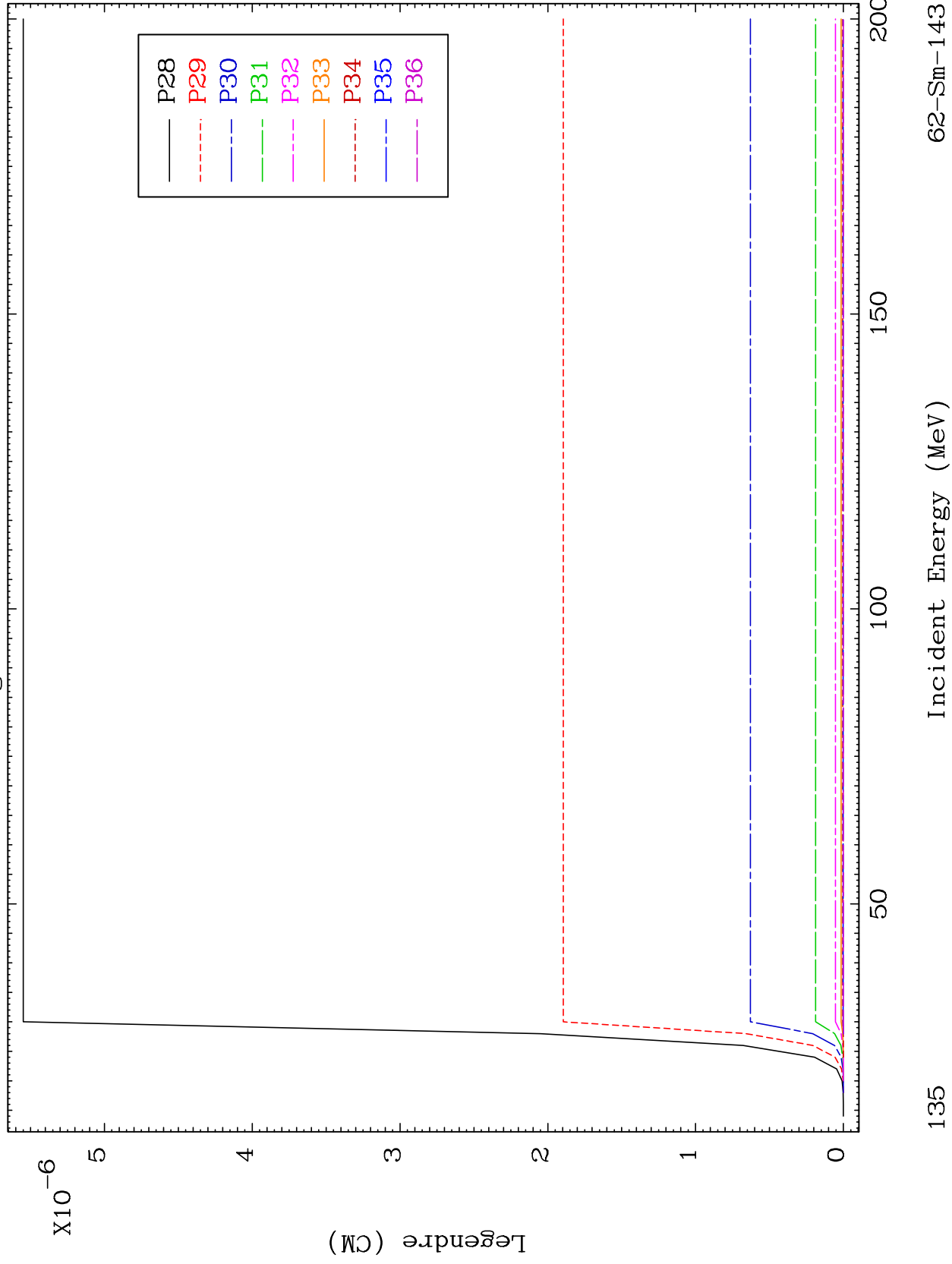
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



135

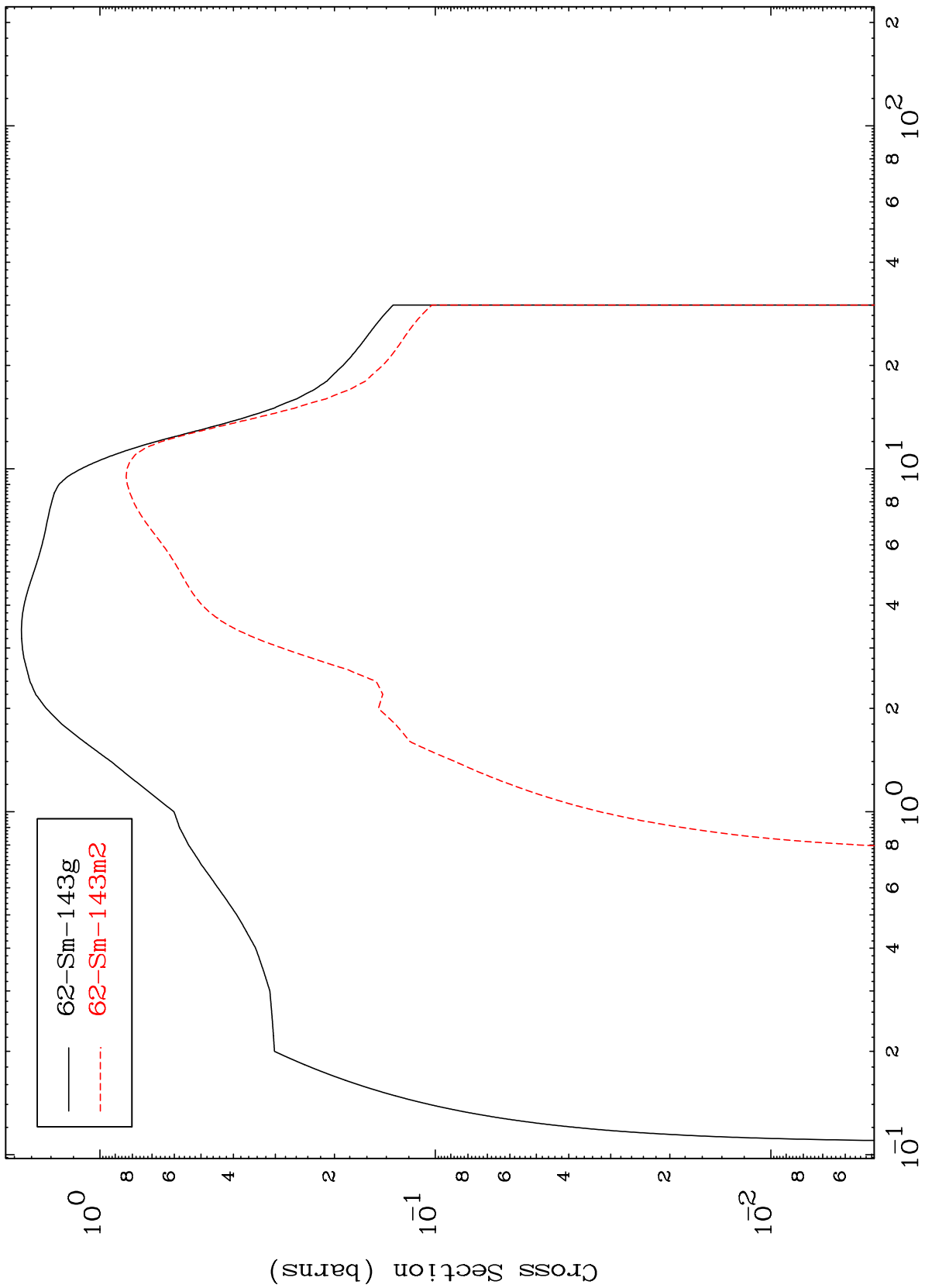
Incident Energy (MeV)

62-Sm-143

MAT 6222

62-Sm-143

Inelastic
Radionuclide Production Cross Section



62-Sm-143g
62-Sm-143m2

62-Sm-143

Incident Energy (MeV)

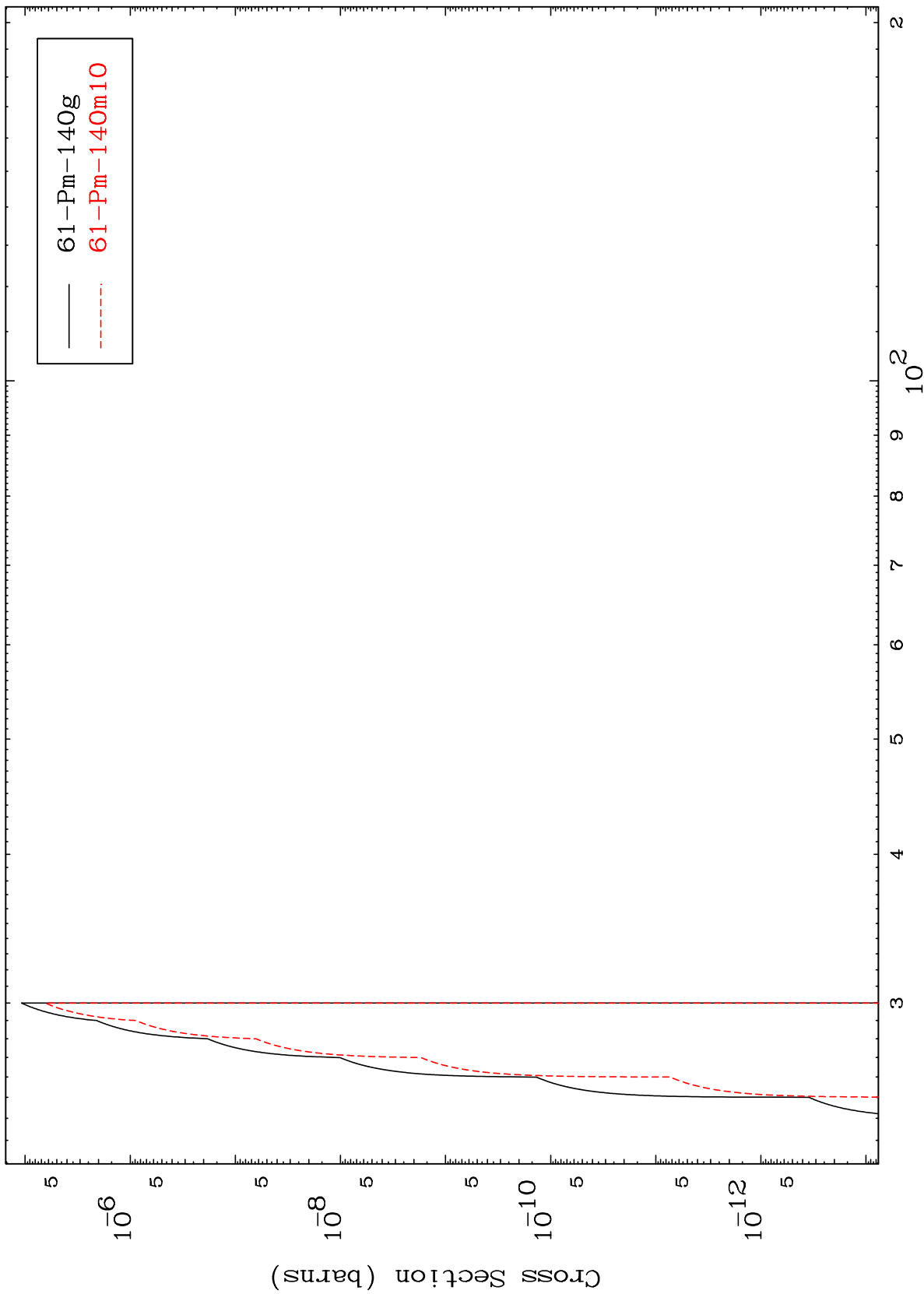
136

MAT 62222

(n,2n) d

62-Sm-143

Radionuclide Production Cross Section



137

Incident Energy (MeV)

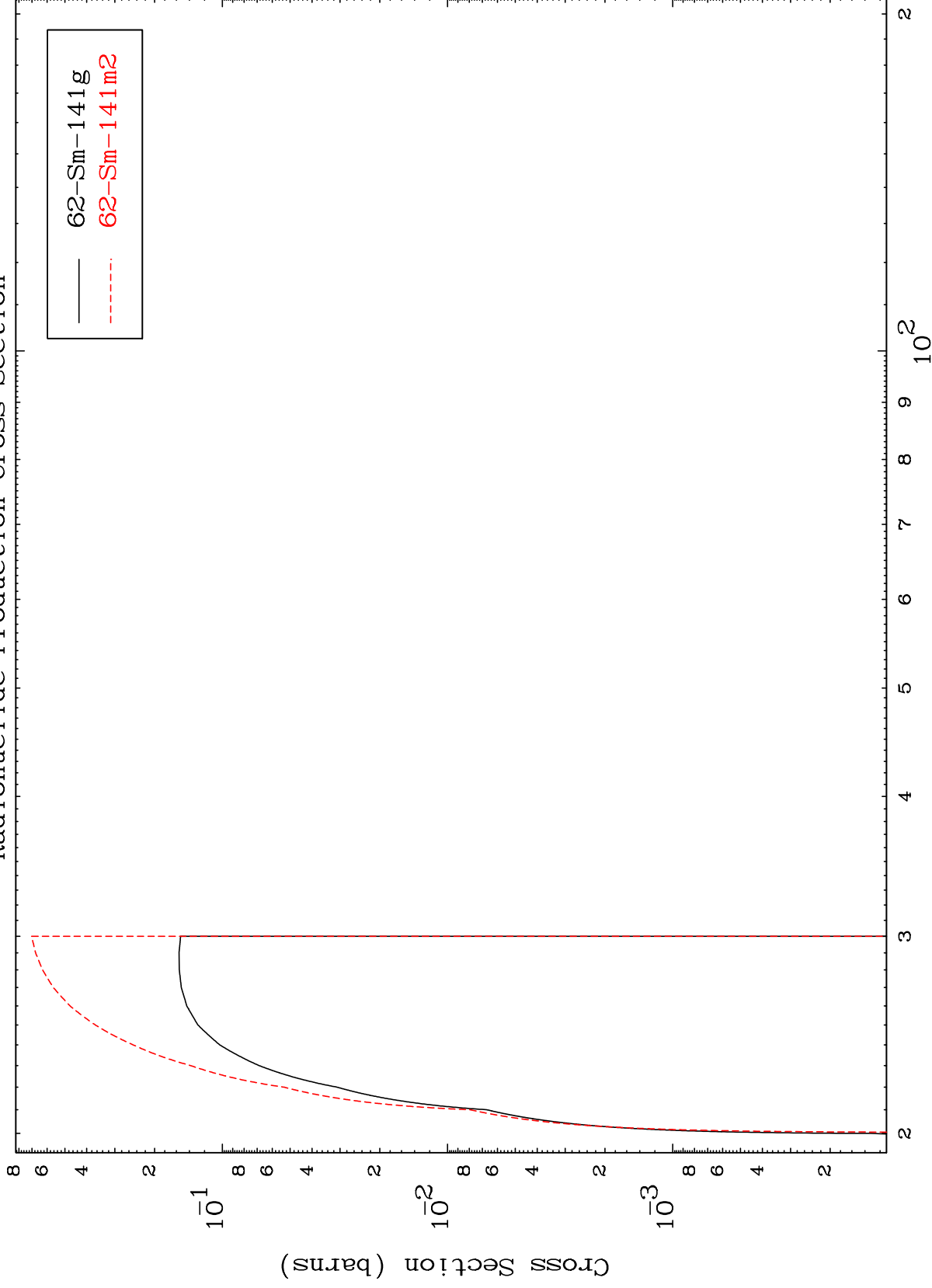
62-Sm-143

MAT 6222

(n,3n)

62-Sm-143

Radionuclide Production Cross Section



138

Incident Energy (MeV)

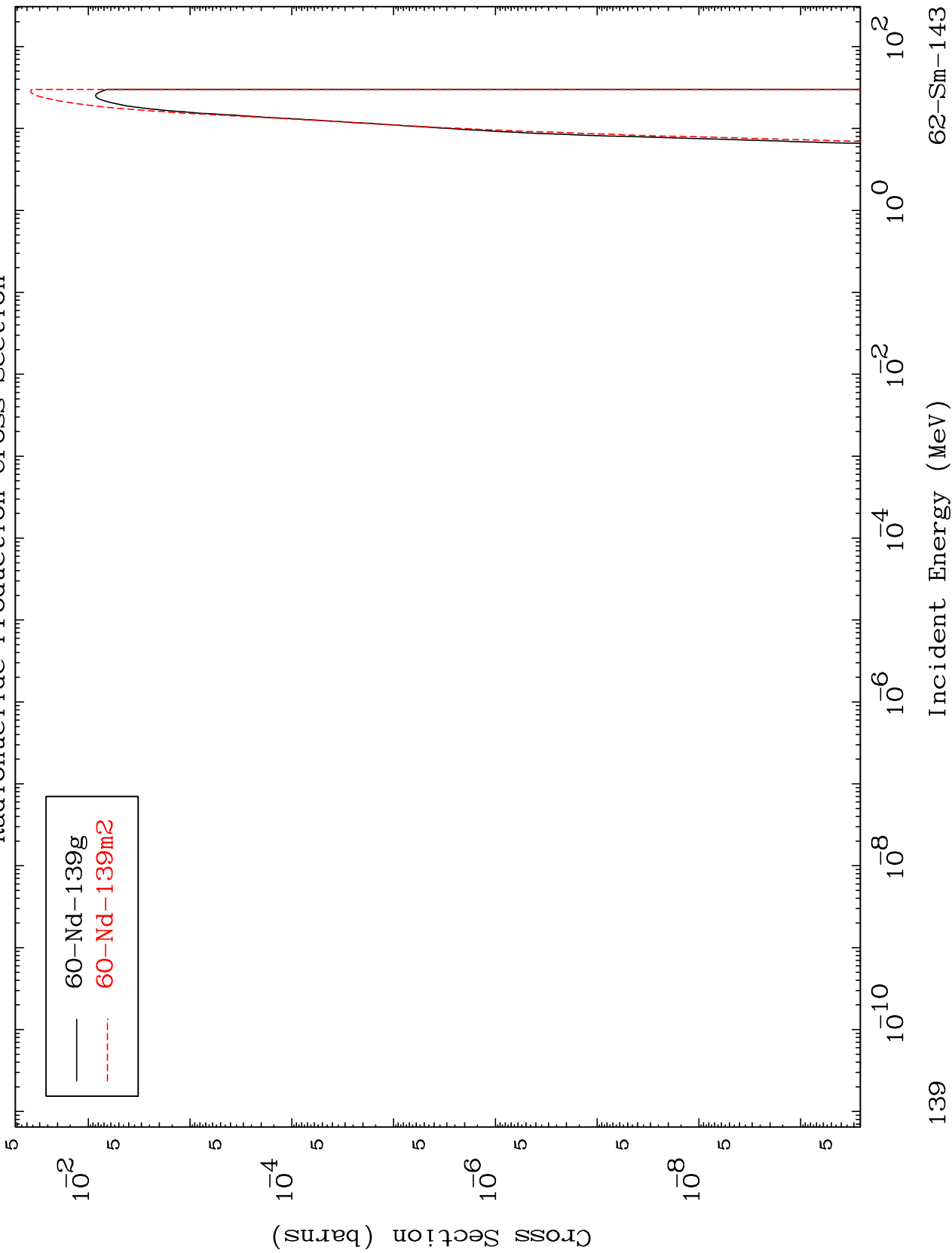
62-Sm-143

MAT 6222

$(n, n') \alpha$

62-Sm-143

Radionuclide Production Cross Section



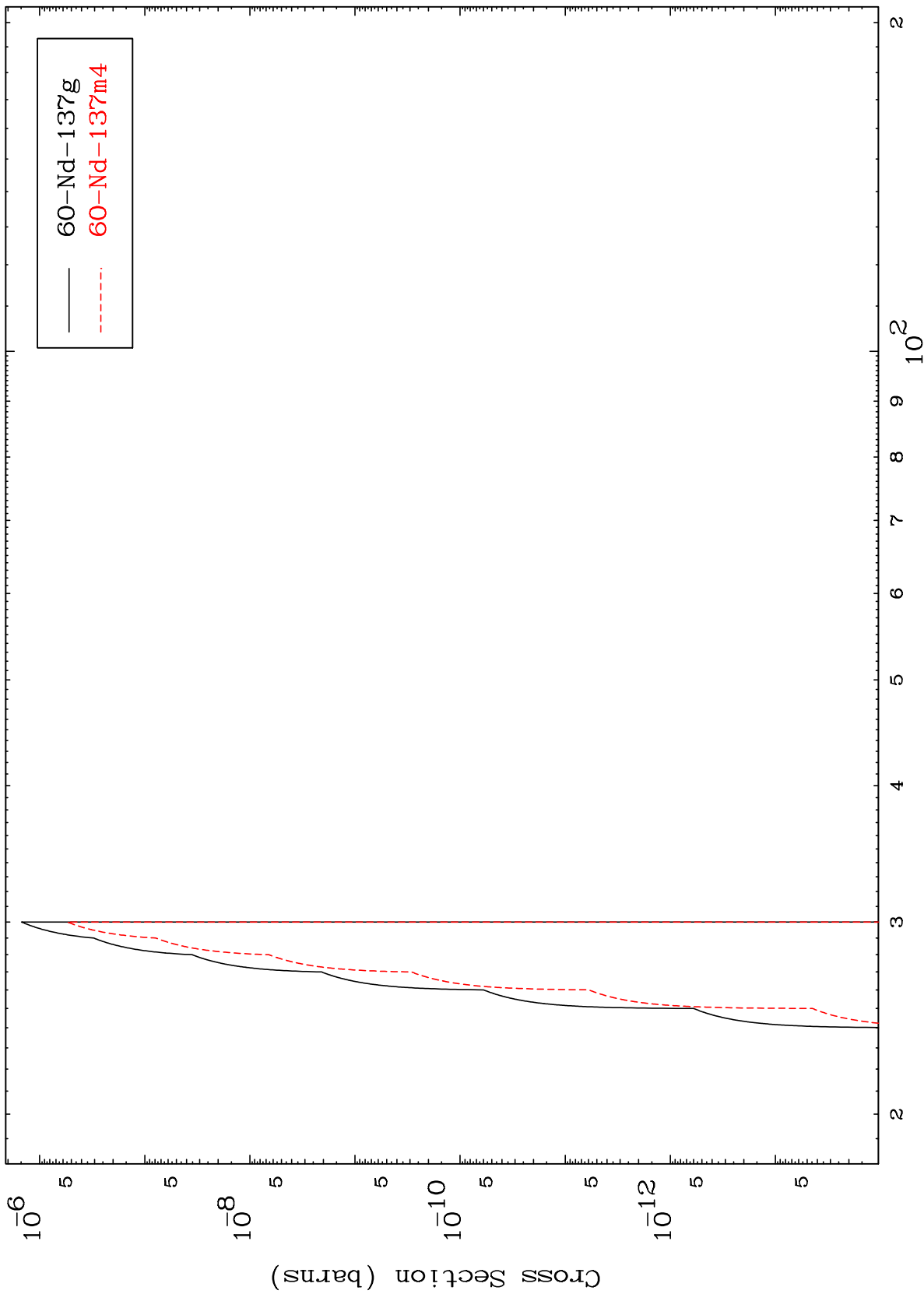
60-Nd-139g
60-Nd-139m2

MAT 6222

(n,3n) α

62-Sm-143

Radionuclide Production Cross Section



140

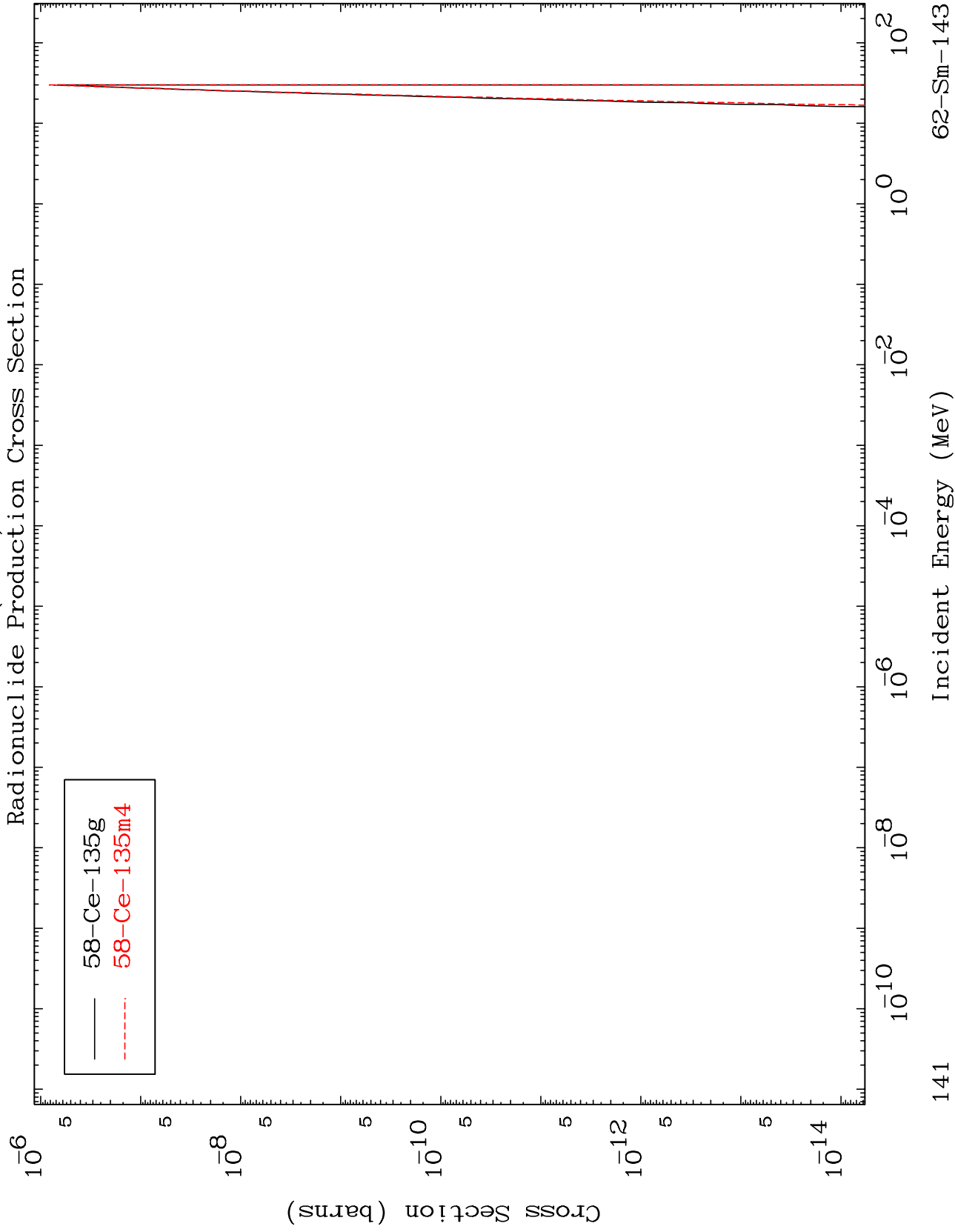
Incident Energy (MeV)

62-Sm-143

MAT 6222

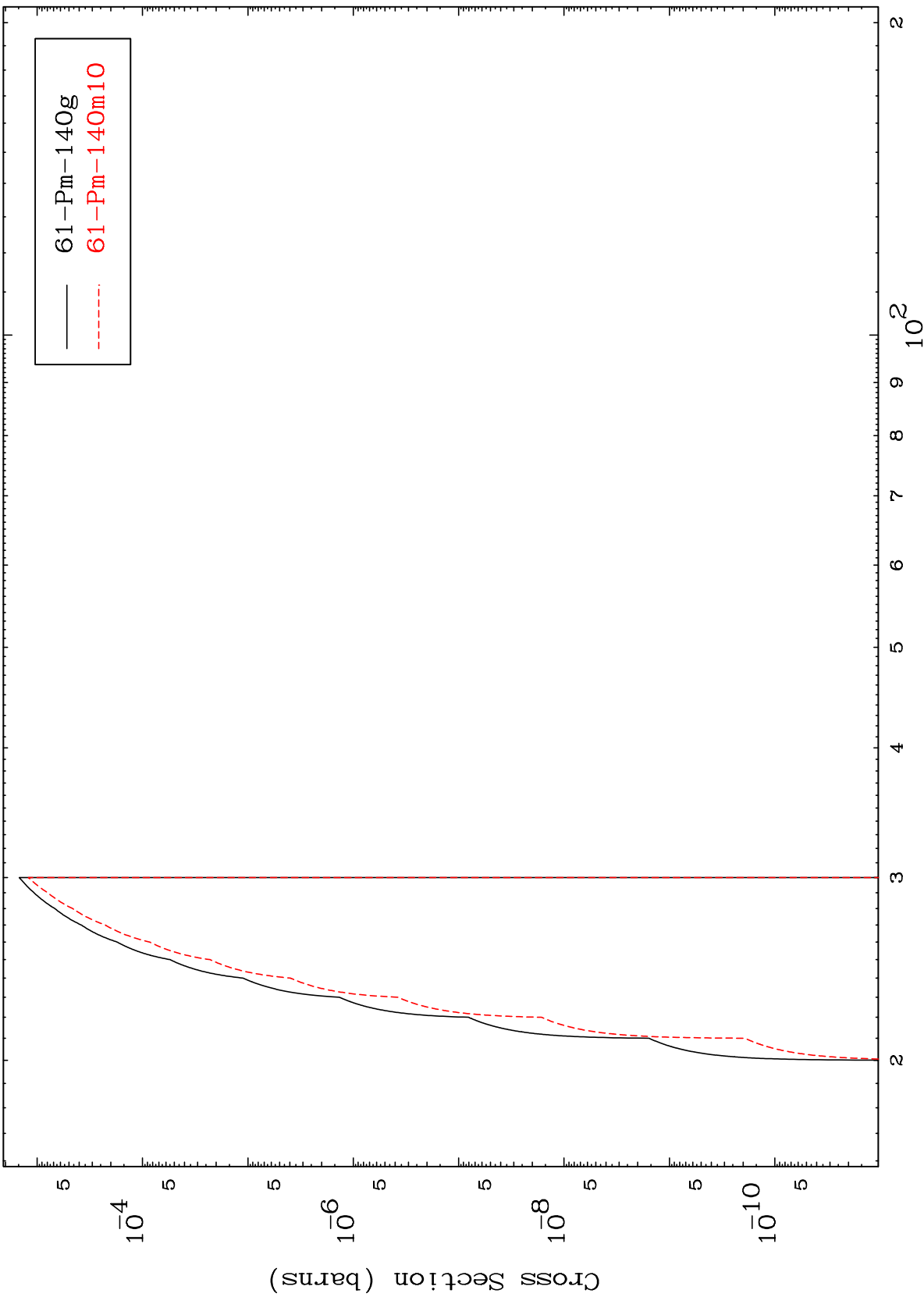
(n,n') 2 α

62-Sm-143



141

Radionuclide Production Cross Section

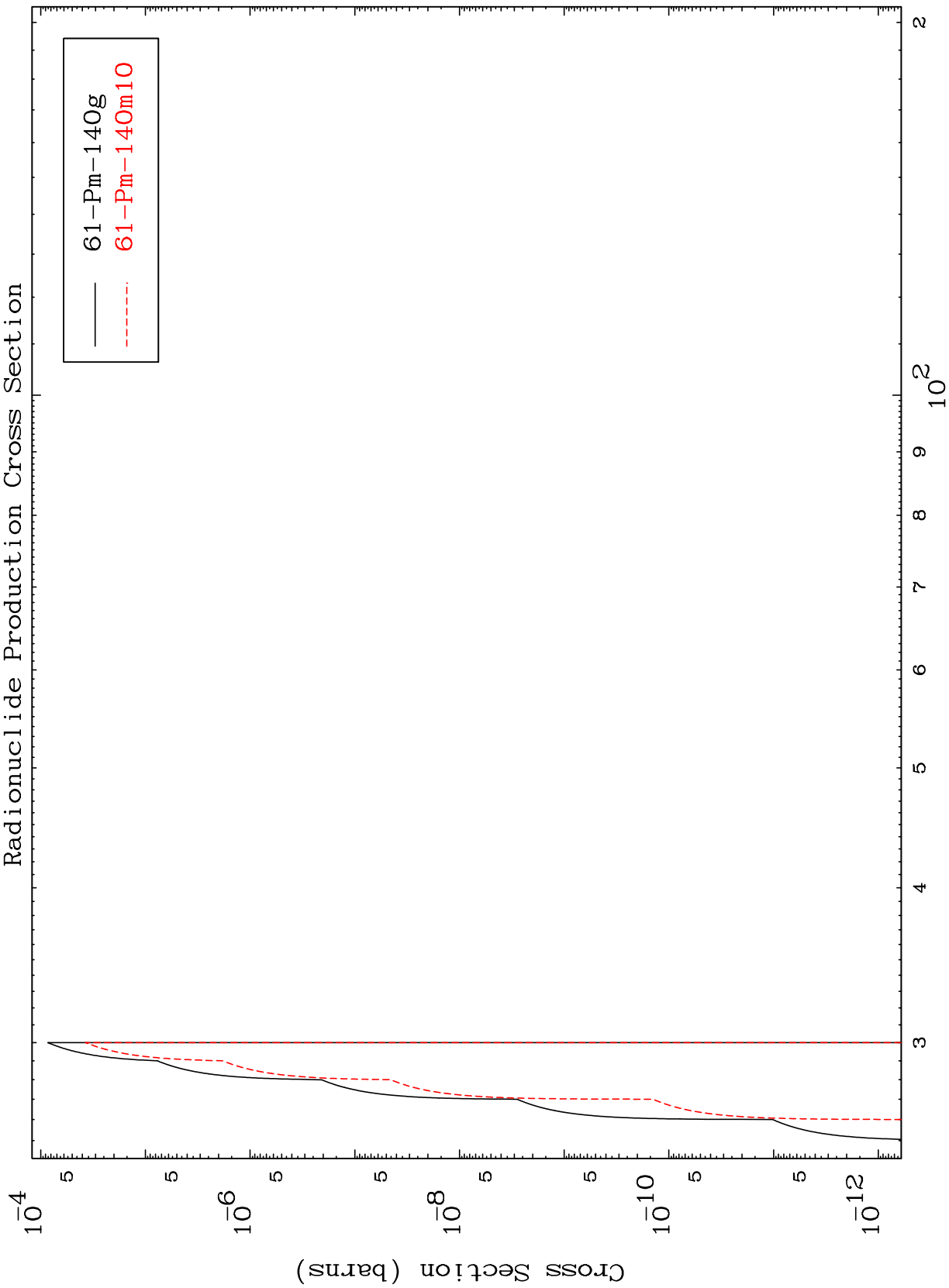


MAT 6222

(n,3n) p

62-Sm-143

Radionuclide Production Cross Section



143

Incident Energy (MeV)

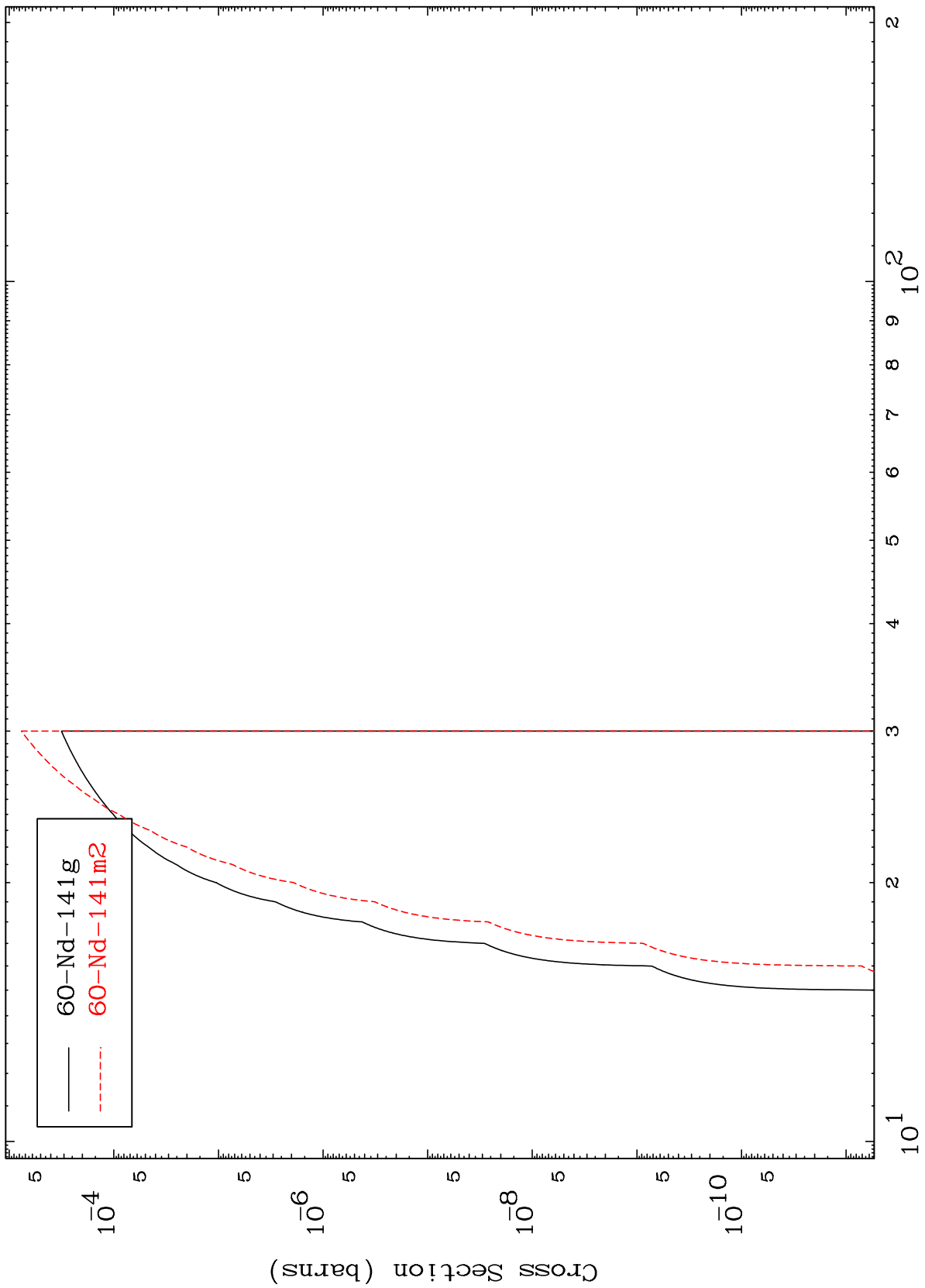
62-Sm-143

MAT 6222

(n,2n) p

62-Sm-143

Radionuclide Production Cross Section



144

Incident Energy (MeV)

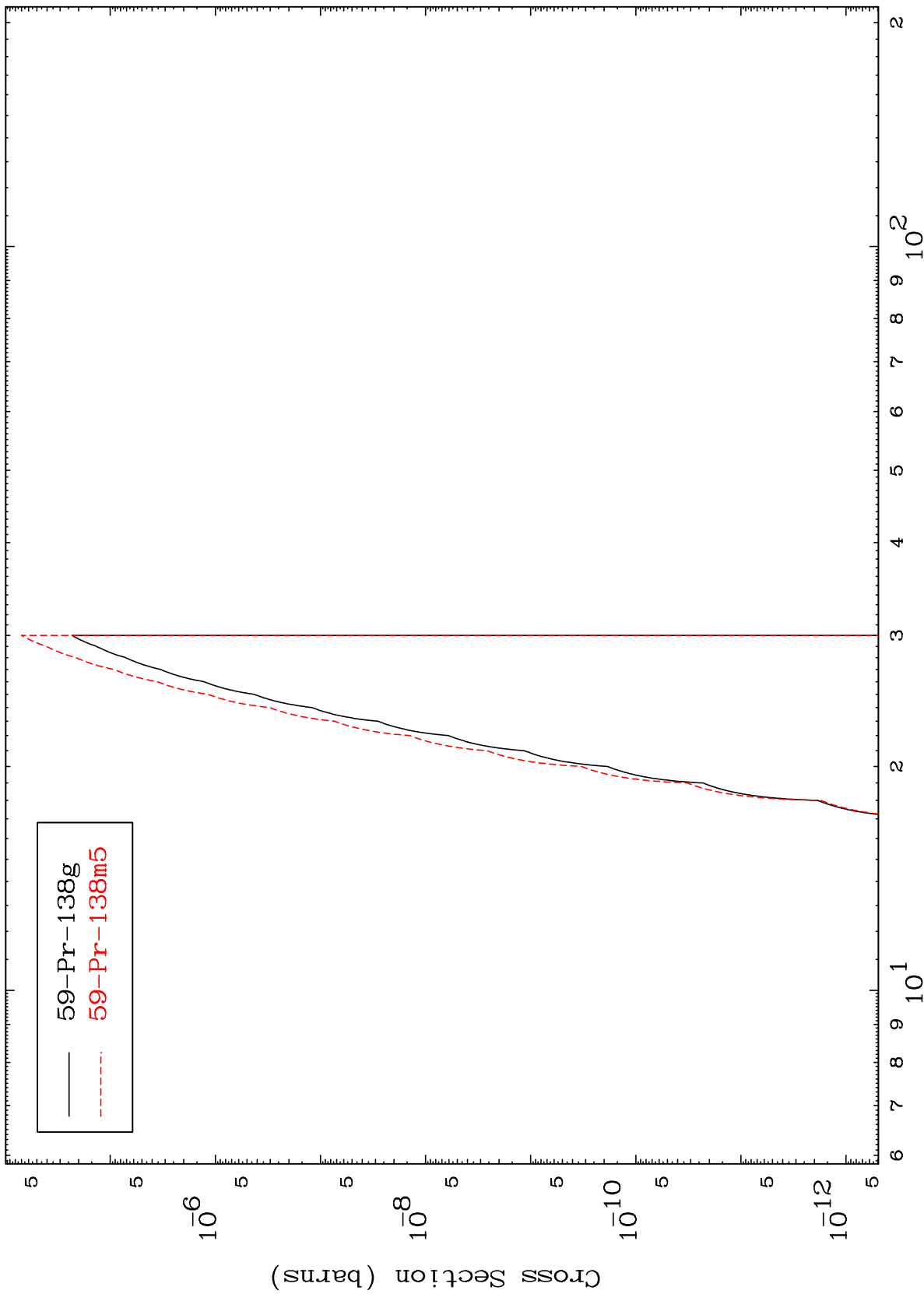
62-Sm-143

MAT 6222

(n,n') p α

62-Sm-143

Radionuclide Production Cross Section



145

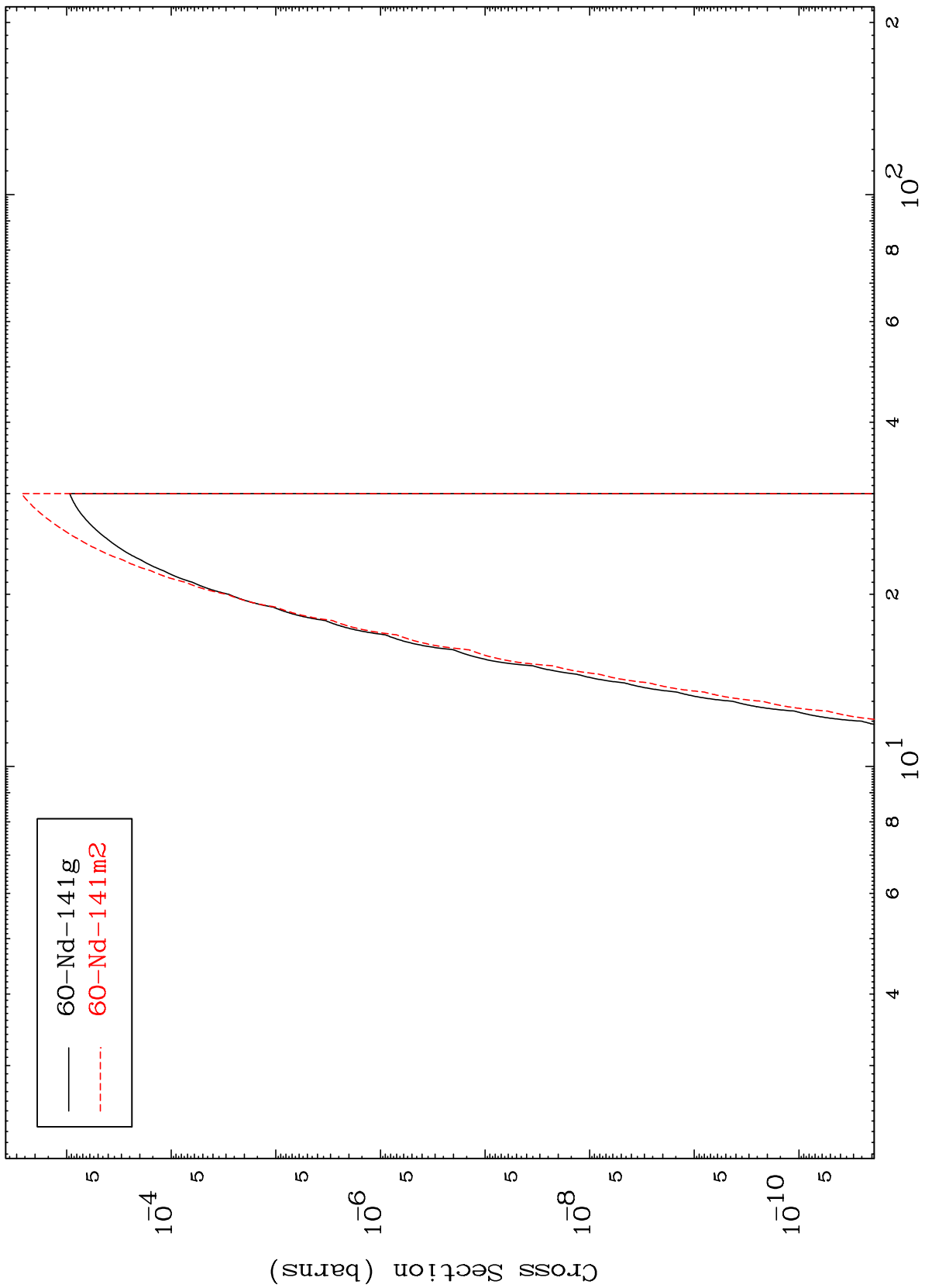
Incident Energy (MeV)

62-Sm-143

MAT 6222

62-Sm-143

Radionuclide Production Cross Section
(n,He-3)



62-Sm-143

Incident Energy (MeV)

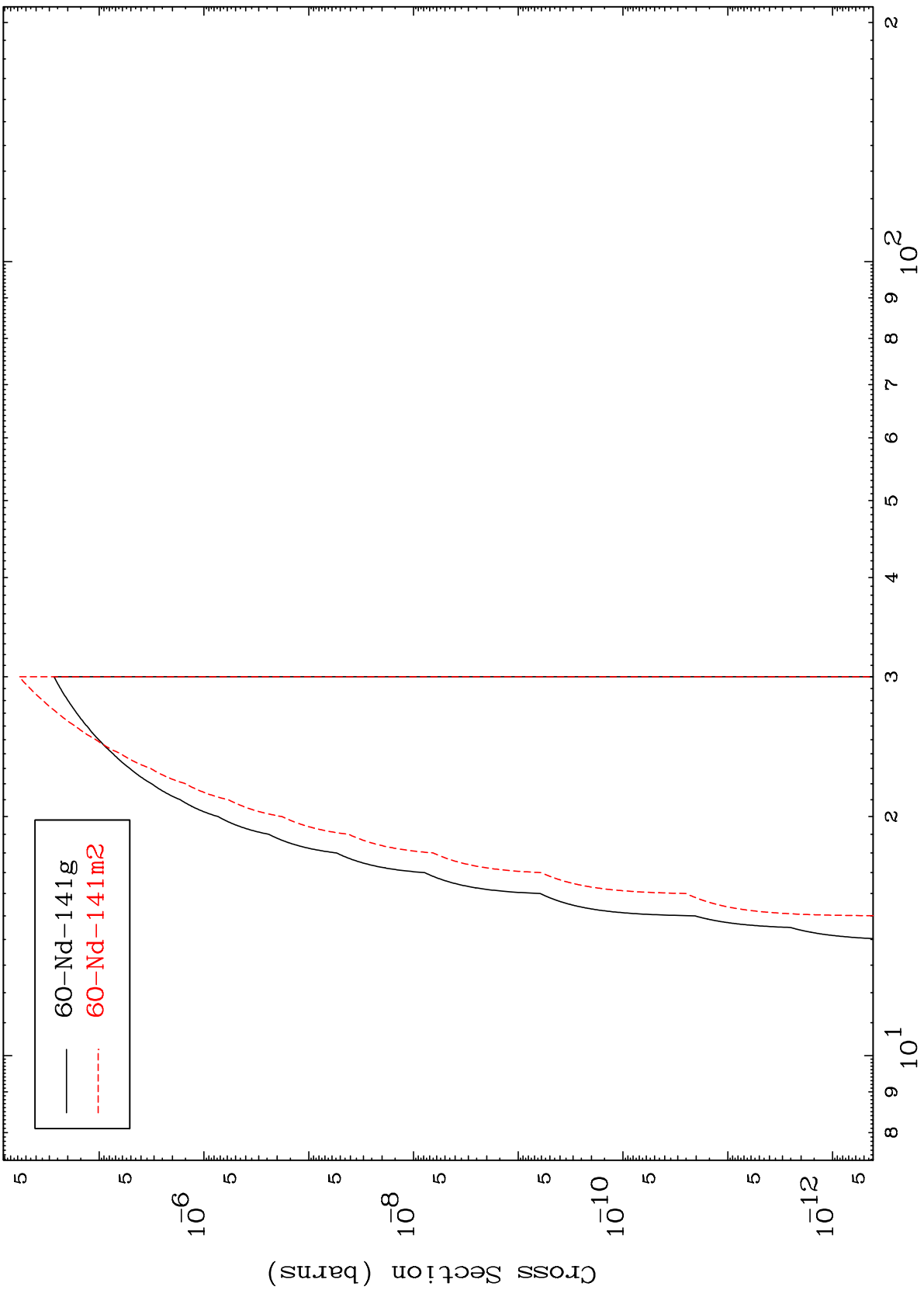
146

MAT 6222

(n,p) d

62-Sm-143

Radionuclide Production Cross Section



147

Incident Energy (MeV)

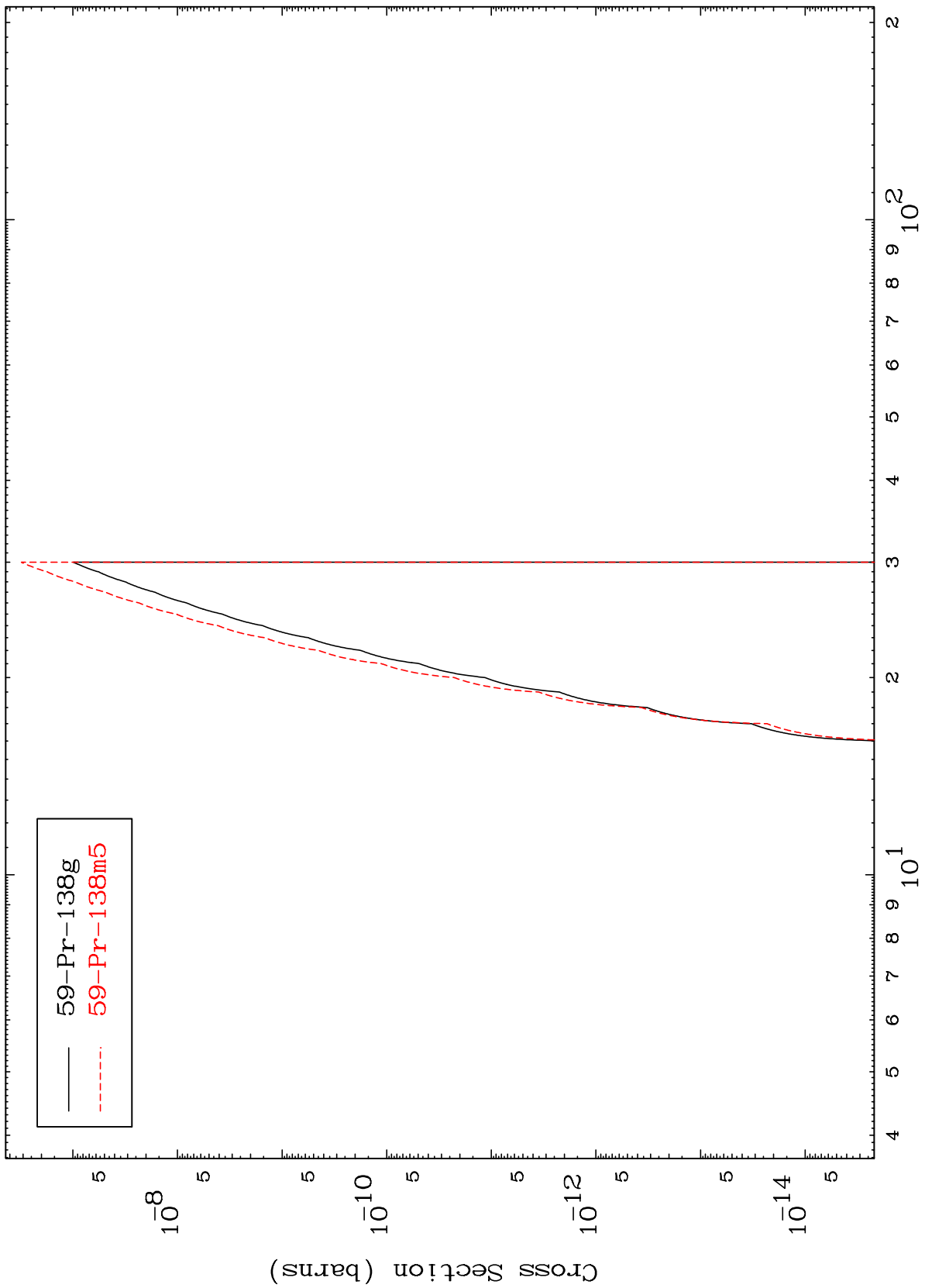
62-Sm-143

MAT 6222

(n,d) α

62-Sm-143

Radionuclide Production Cross Section



148

Incident Energy (MeV)

62-Sm-143