

Program EVALPLOT
(Version 2017-1)

by

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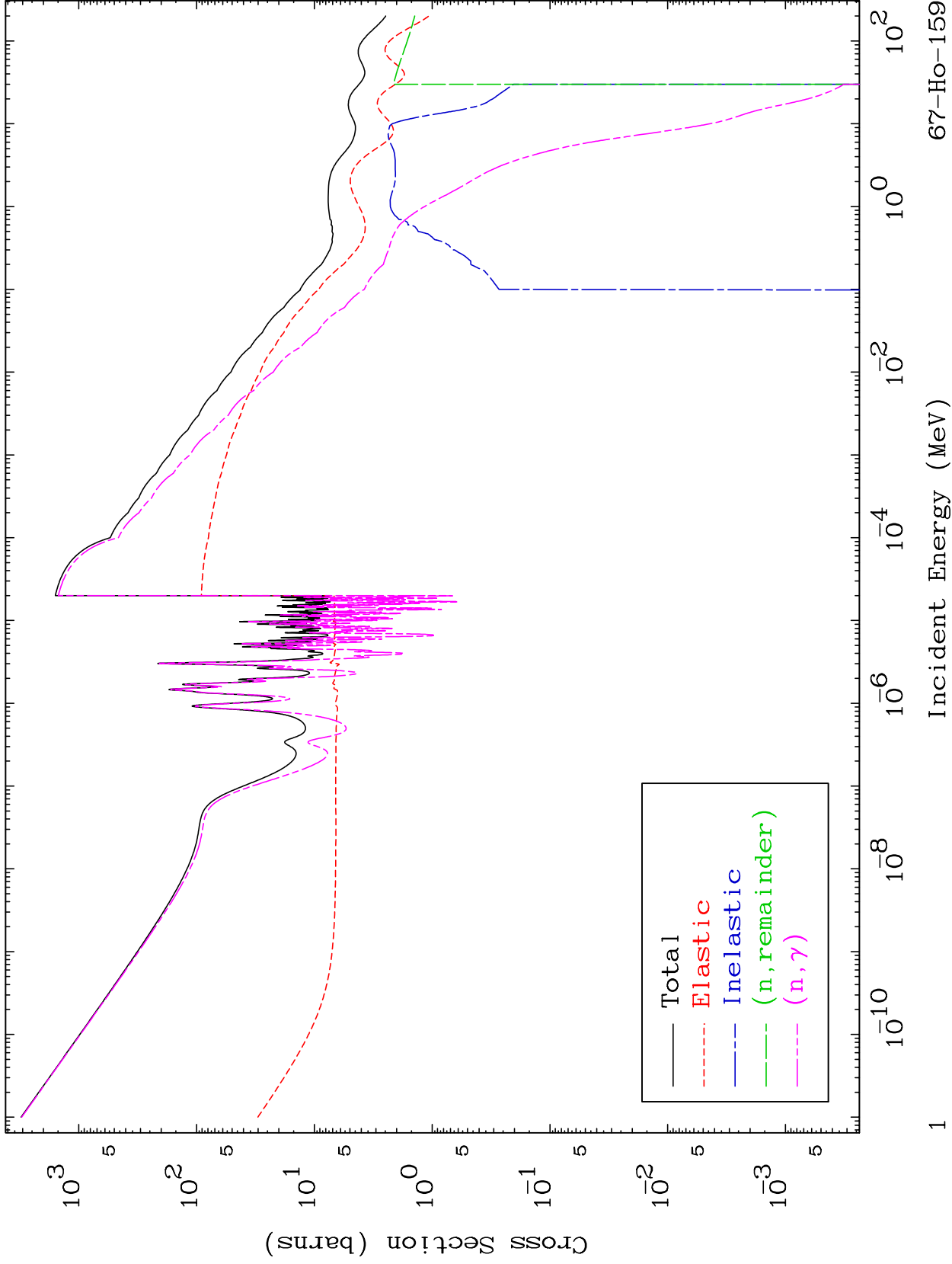
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6707

Major
293 Kelvin Cross Sections

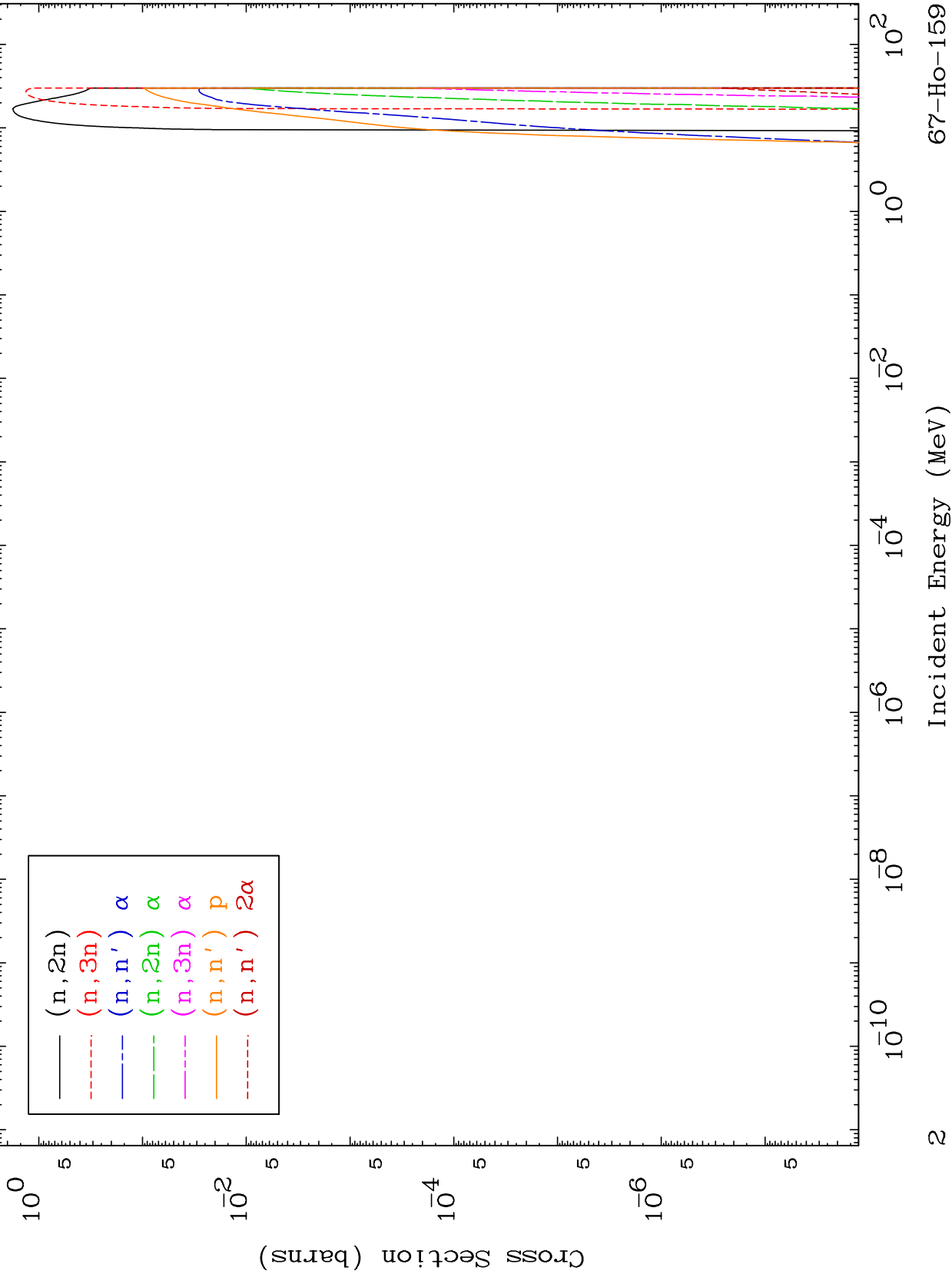
67-Ho-159

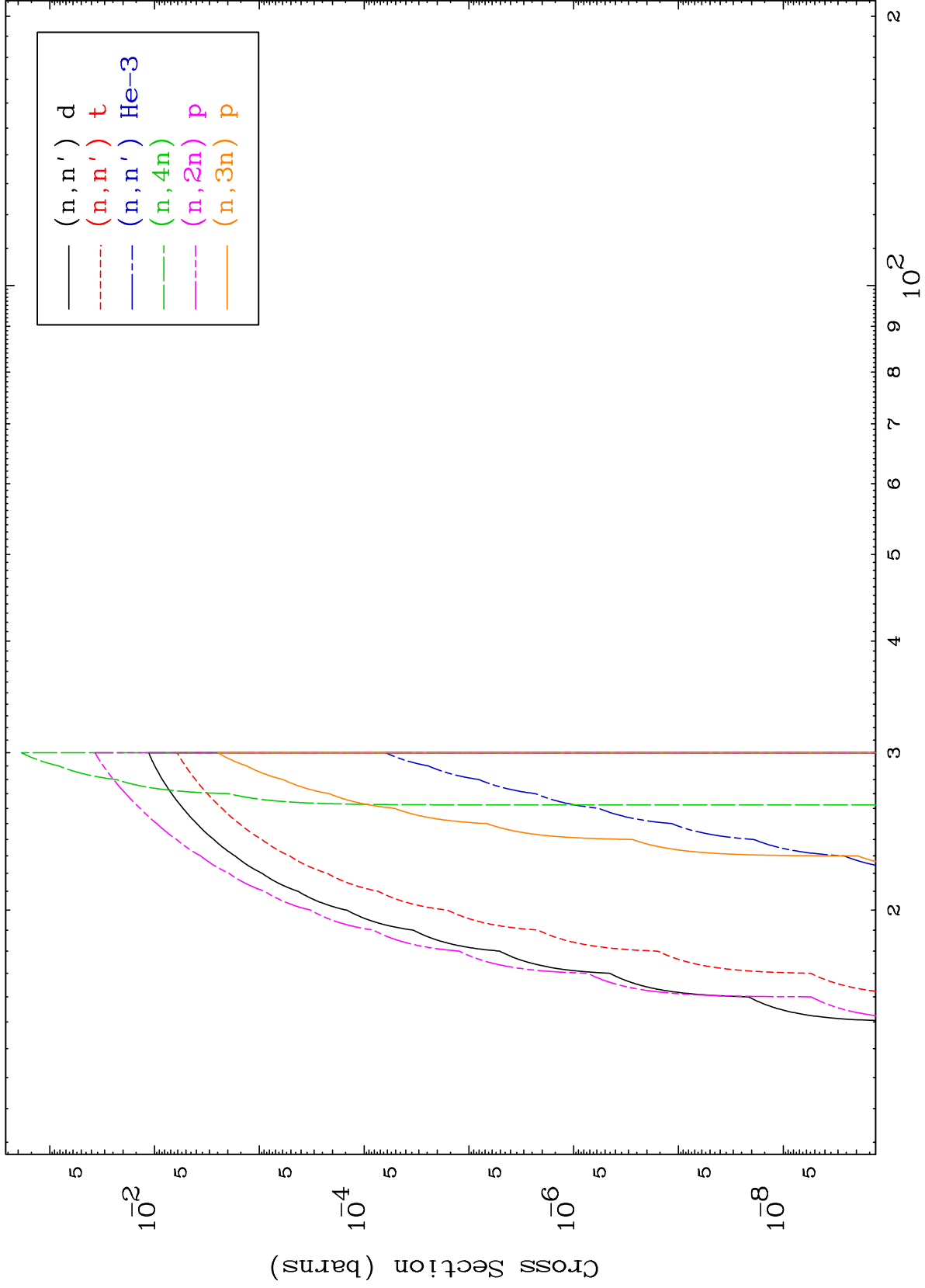


MAT 6707

Neutron Production
293 Kelvin Cross Sections

67-Ho-159

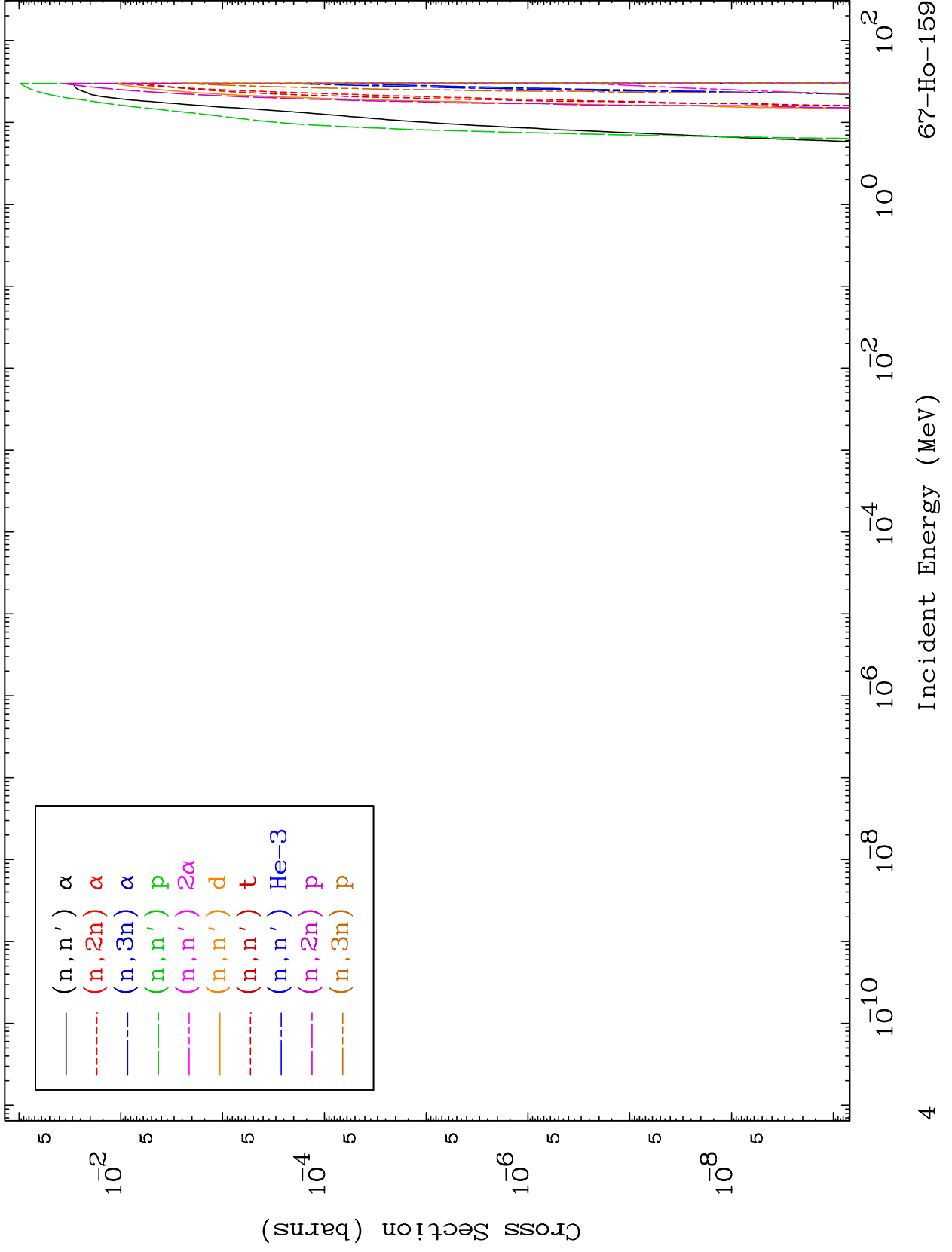




MAT 6707

Charged Particle
293 Kelvin Cross Sections

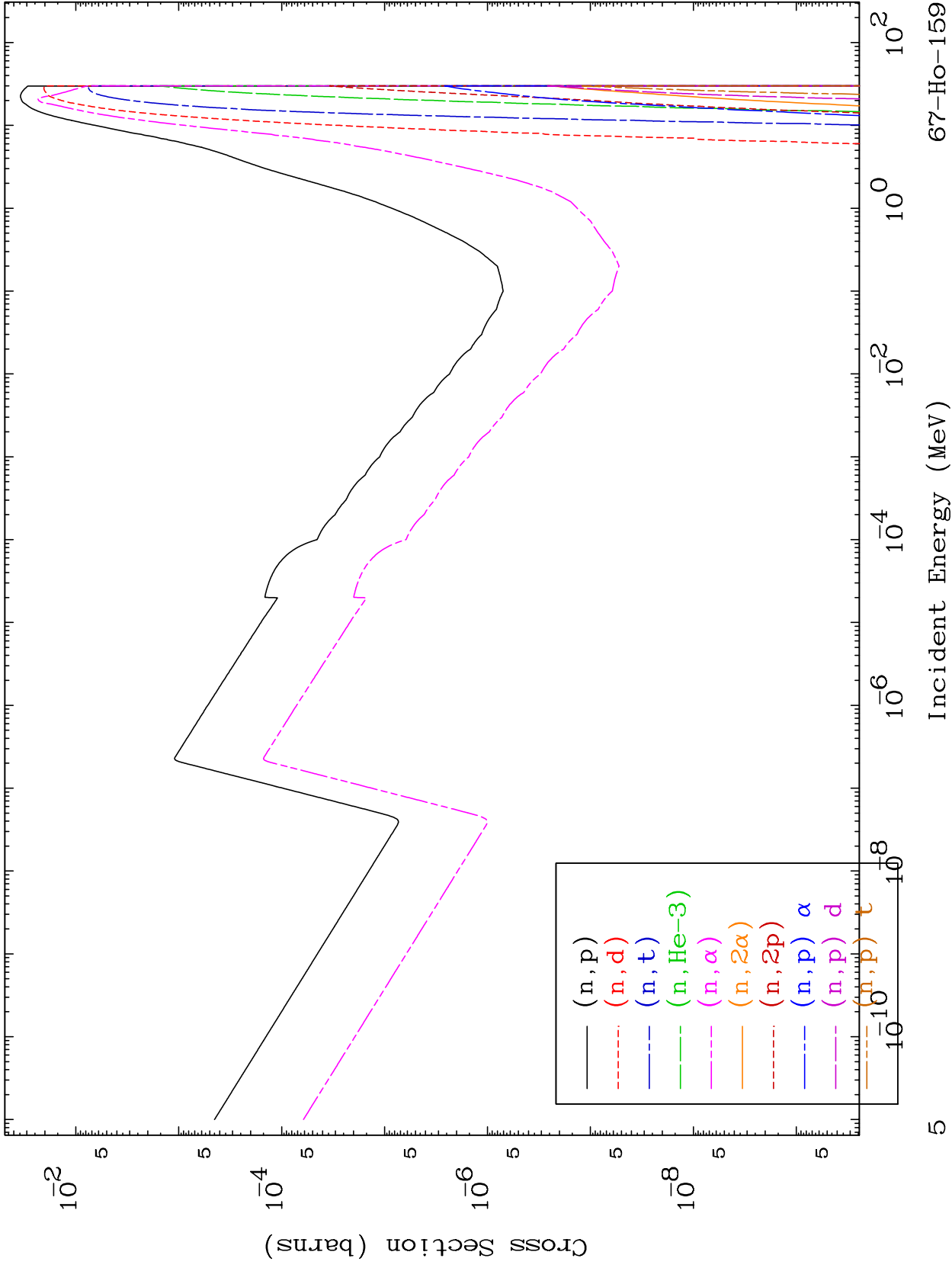
67-Ho-159

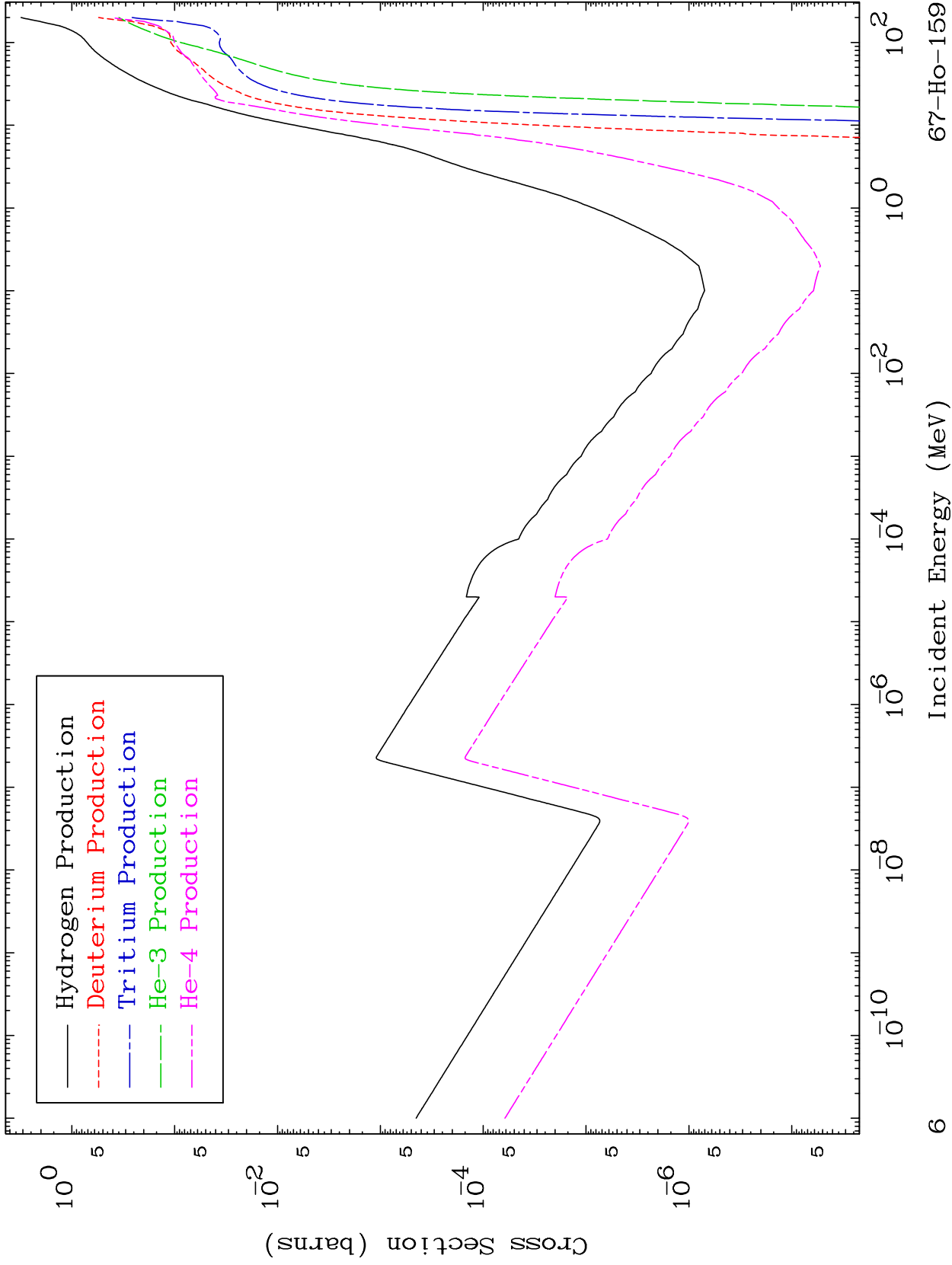


MAT 6707

Charged Particle
293 Kelvin Cross Sections

67-Ho-159



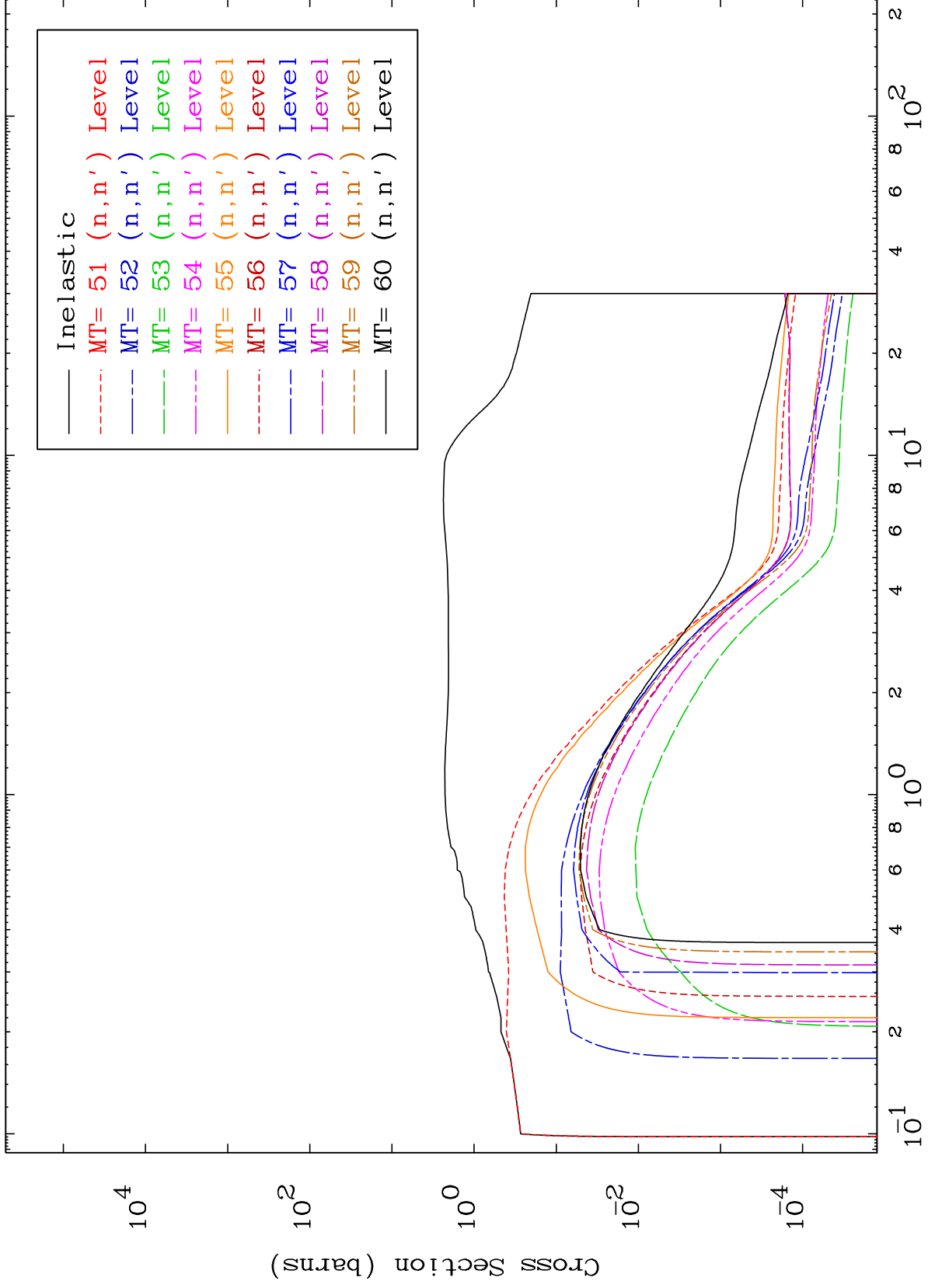


MAT 6707

(n,n') Level

67-Ho-159

293 Kelvin Cross Sections



Incident Energy (MeV)

67-Ho-159

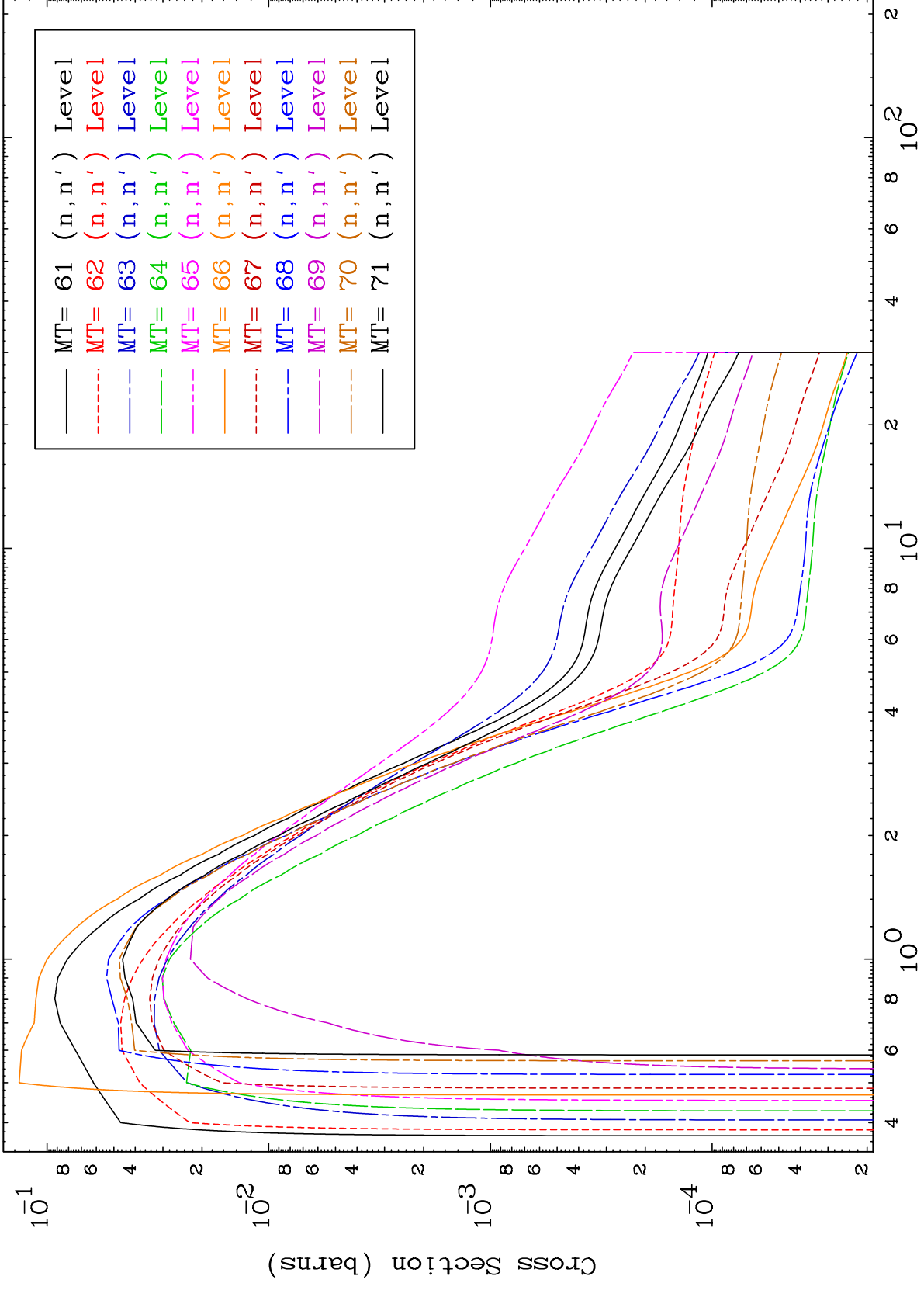
7

MAT 6707

(n,n') Level

67-Ho-159

293 Kelvin Cross Sections



Line Style	MT=	(n, n')	Level
Solid	61	(n, n')	Level
Dashed	62	(n, n')	Level
Dash-dot	63	(n, n')	Level
Dashed	64	(n, n')	Level
Dash-dot	65	(n, n')	Level
Solid	66	(n, n')	Level
Dashed	67	(n, n')	Level
Dash-dot	68	(n, n')	Level
Dashed	69	(n, n')	Level
Dash-dot	70	(n, n')	Level
Solid	71	(n, n')	Level

8

Incident Energy (MeV)

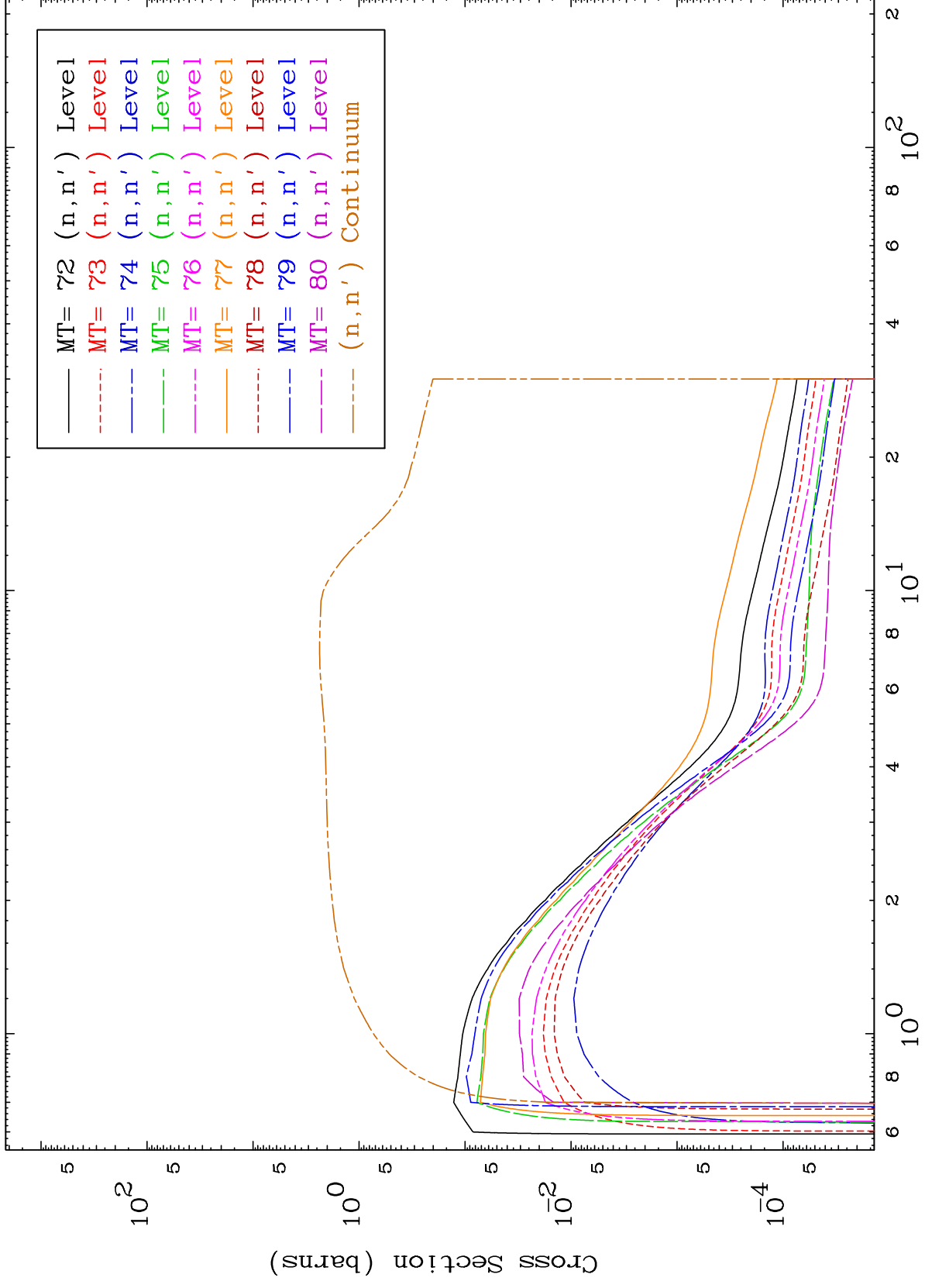
67-Ho-159

MAT 6707

(n,n') Level

293 Kelvin Cross Sections

67-Ho-159



9

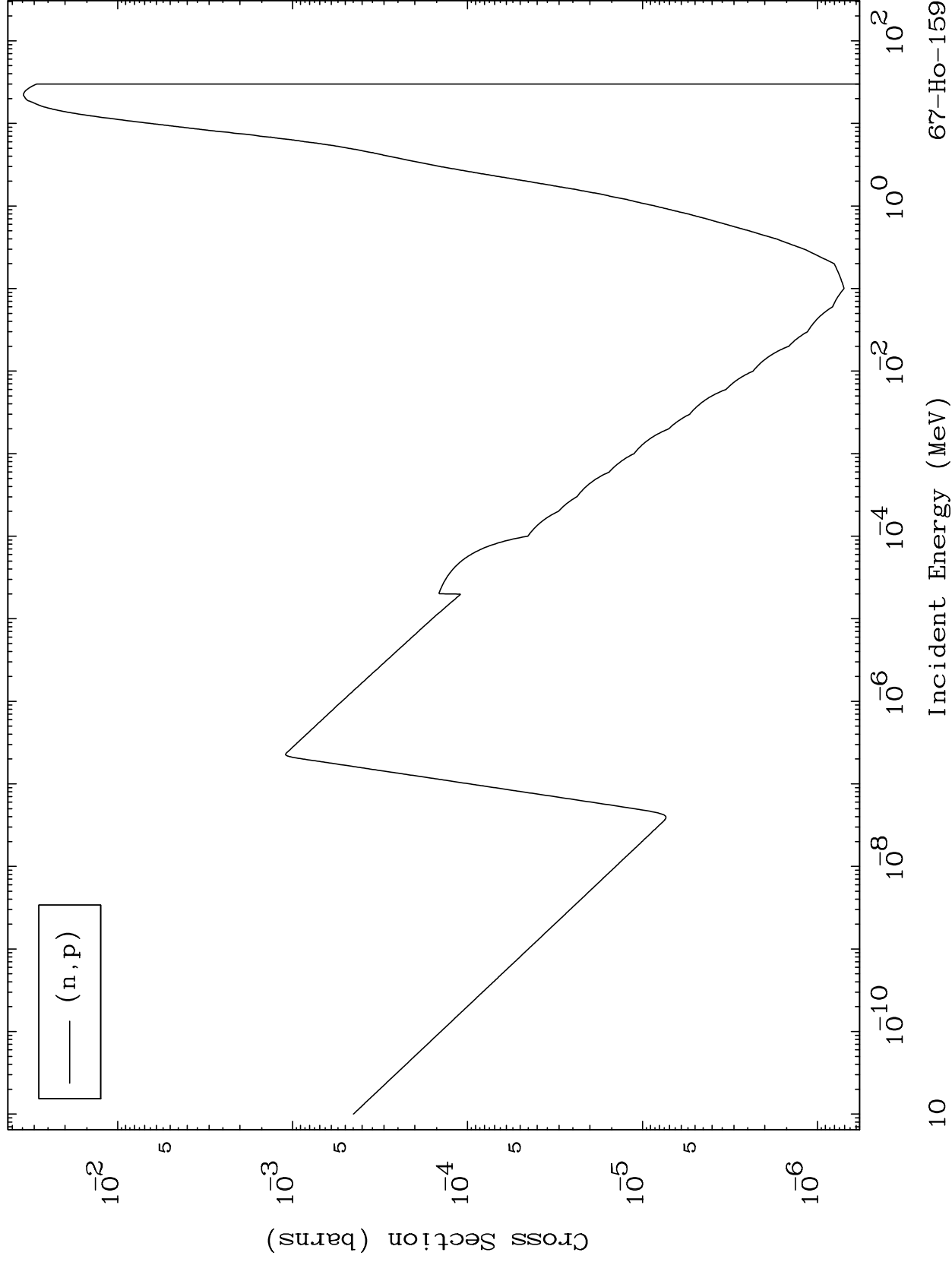
Incident Energy (MeV)

67-Ho-159

MAT 6707

(n,p) Levels
293 Kelvin Cross Sections

67-Ho-159



10

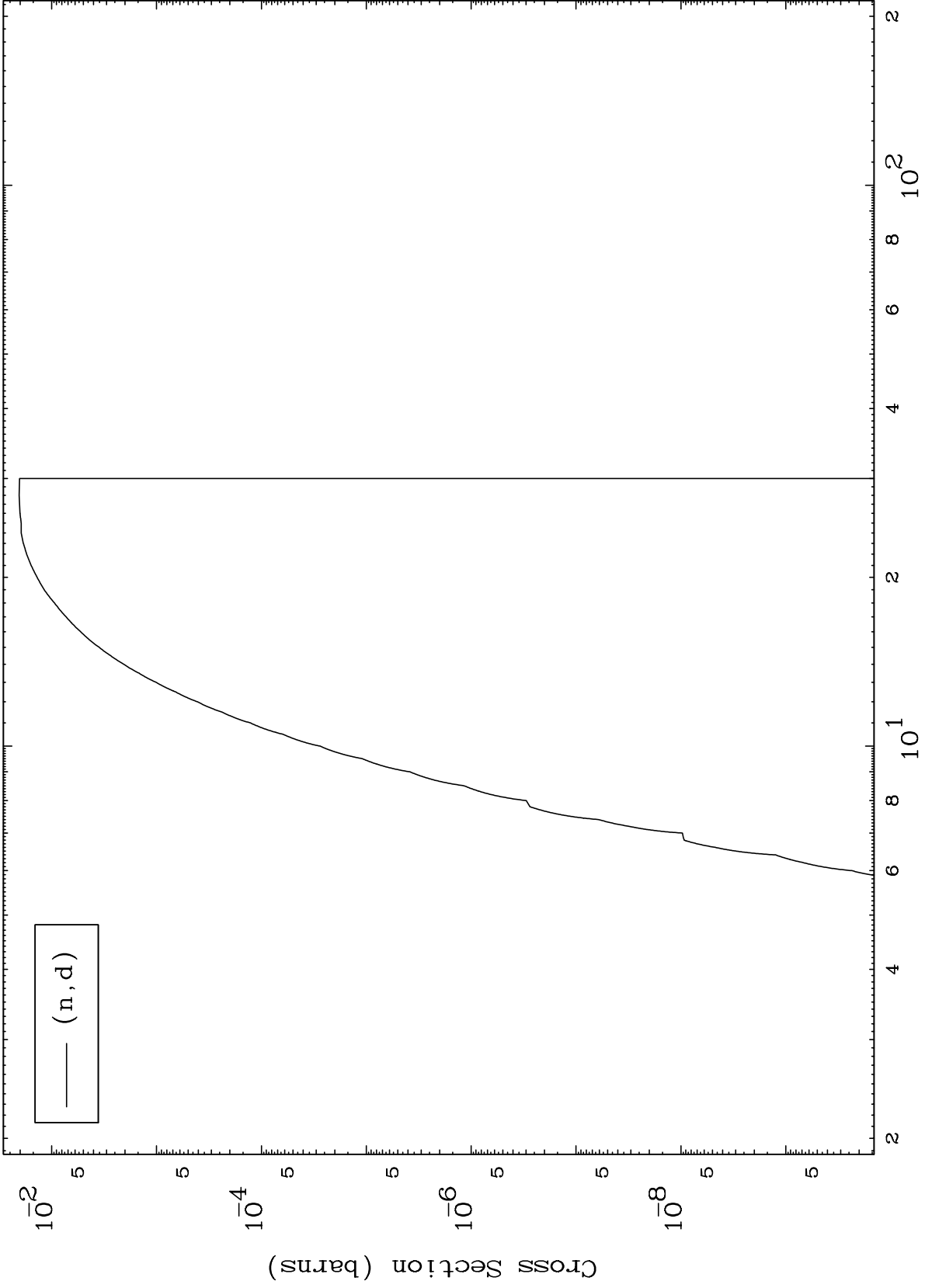
Incident Energy (MeV)

67-Ho-159

MAT 6707

(n,d) Levels
293 Kelvin Cross Sections

67-Ho-159



11

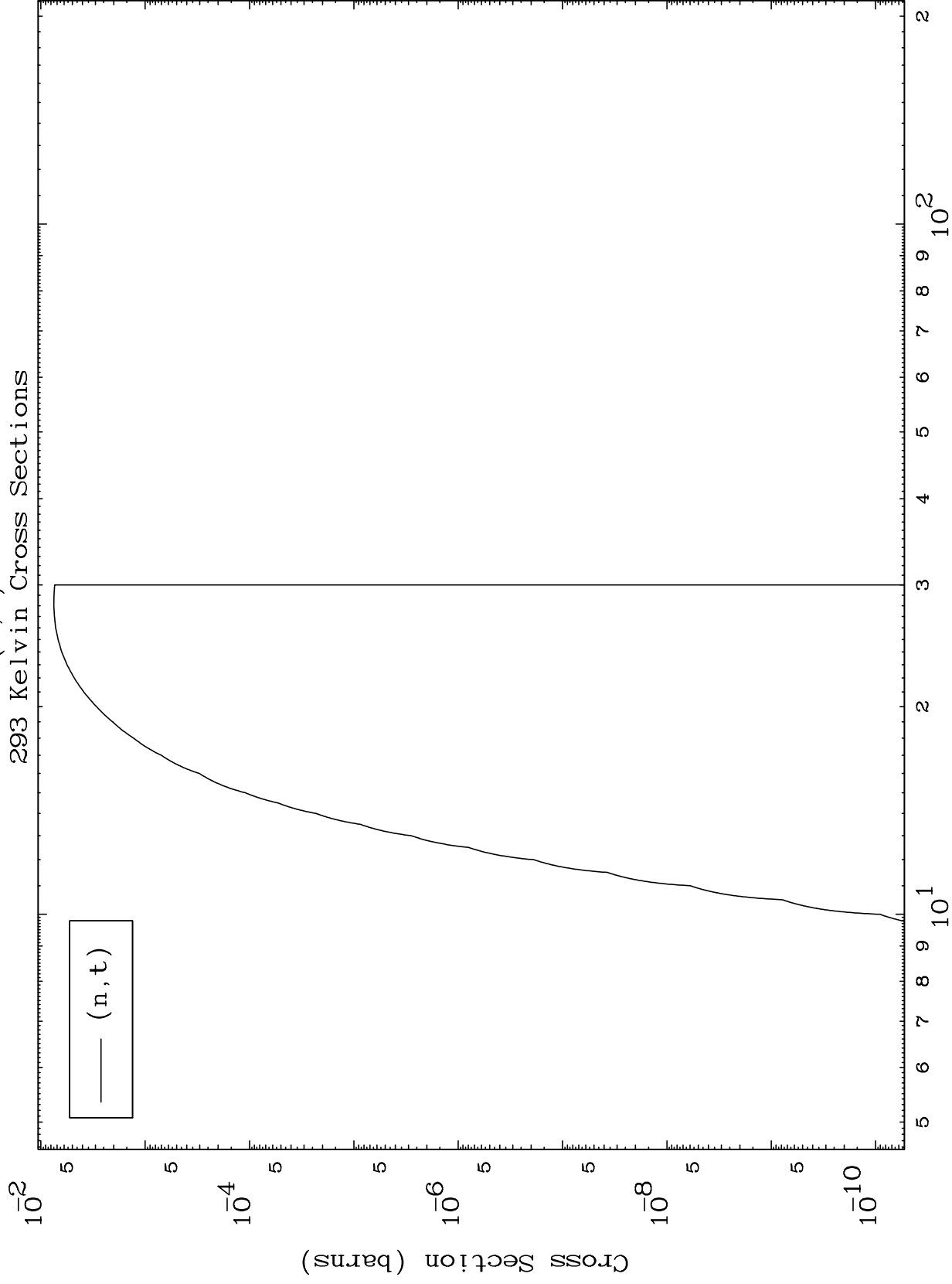
Incident Energy (MeV)

67-Ho-159

MAT 6707

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-159



12

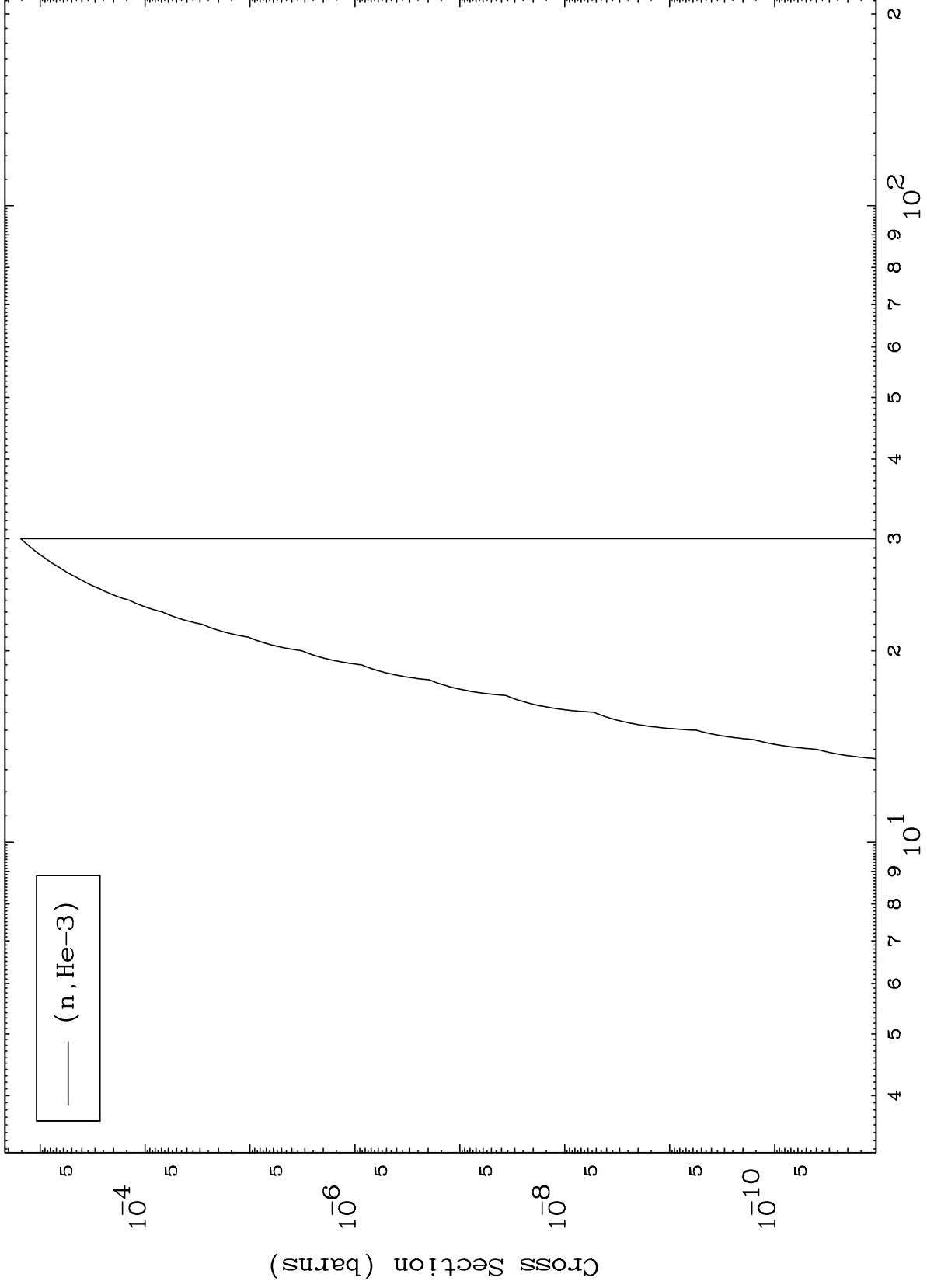
Incident Energy (MeV)

67-Ho-159

MAT 6707

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-159



13

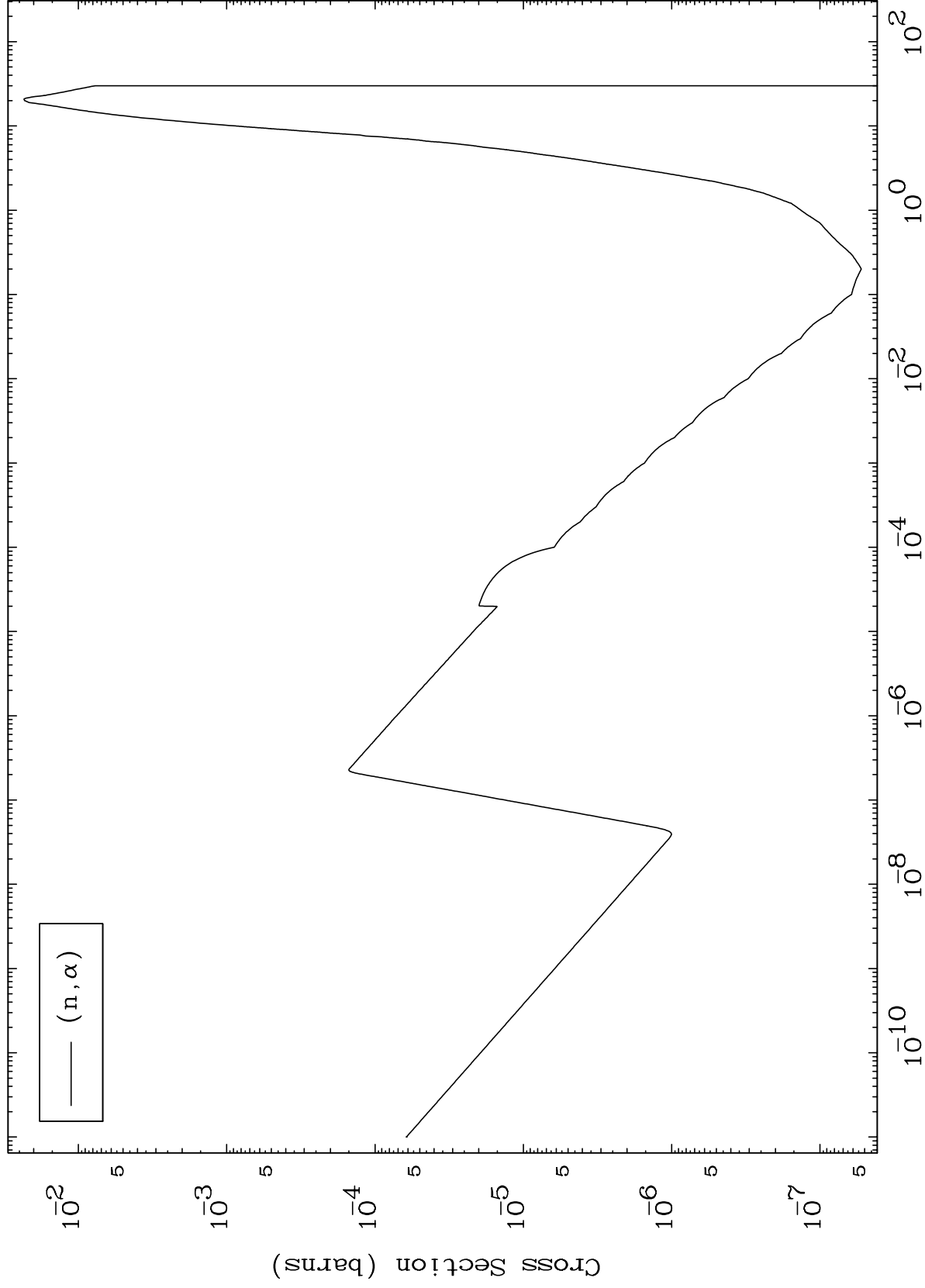
Incident Energy (MeV)

67-Ho-159

MAT 6707

(n, α) Levels
293 Kelvin Cross Sections

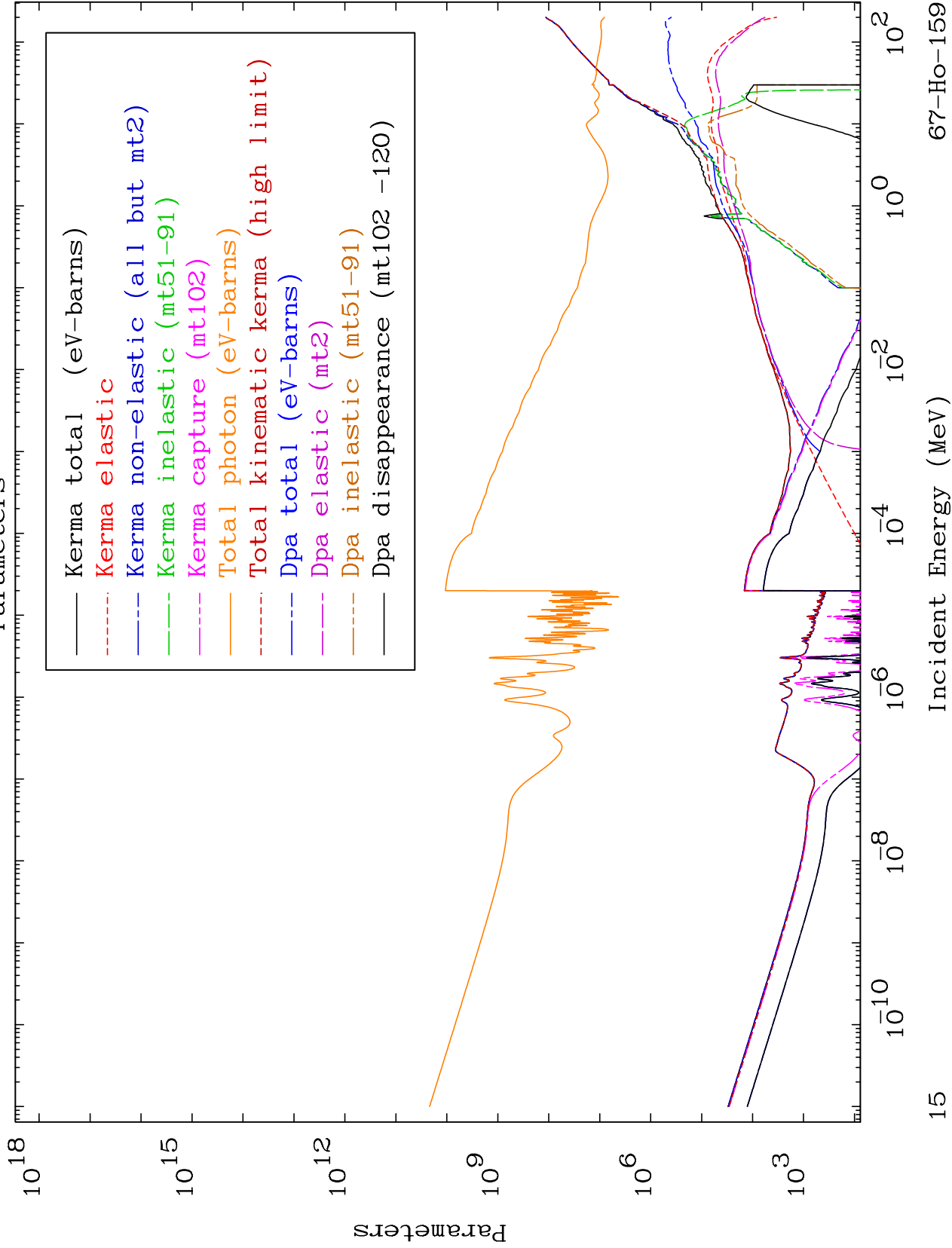
67-Ho-159



14

Incident Energy (MeV)

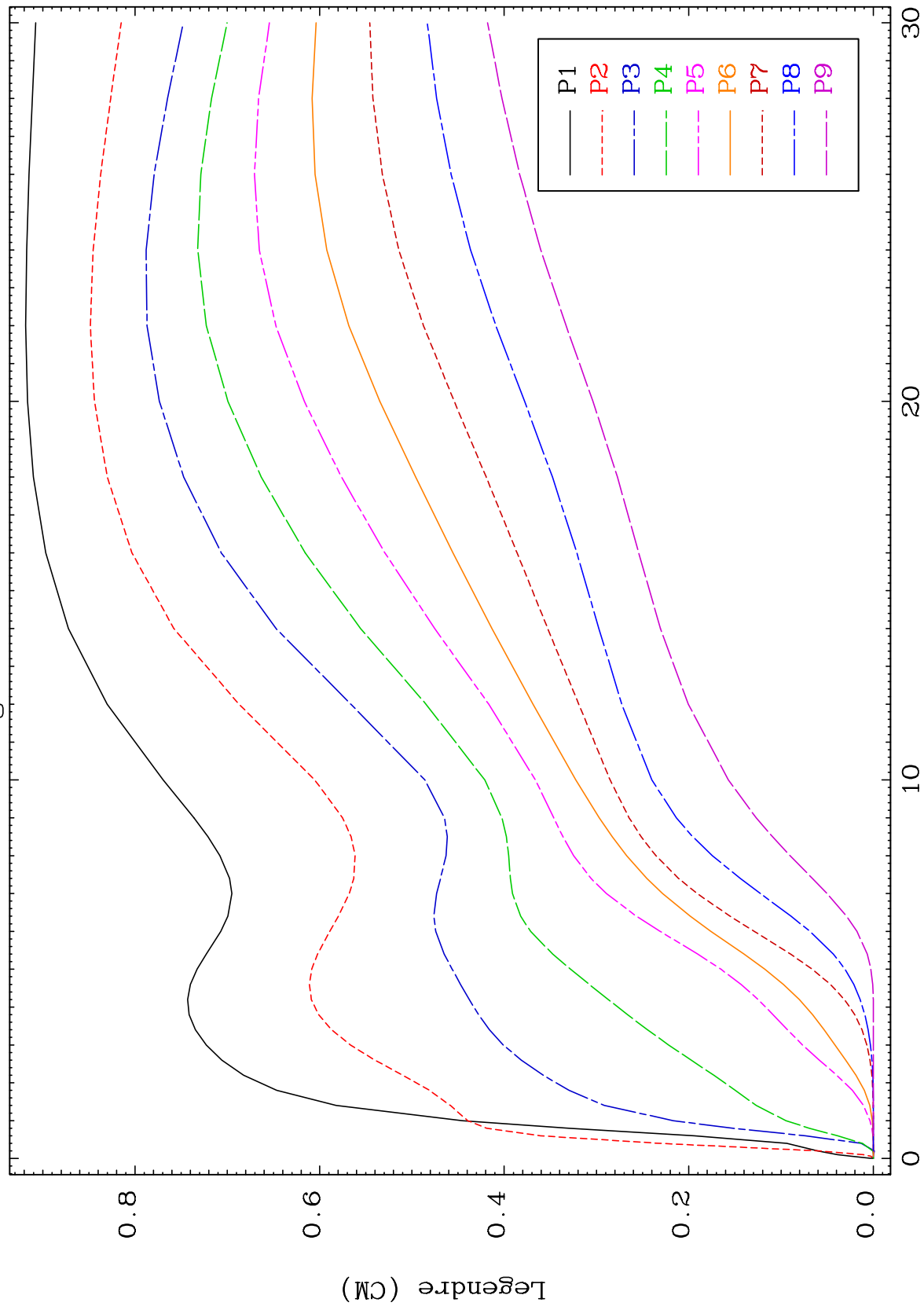
67-Ho-159



MAT 6707

Elastic Legendre Coefficients

67-Ho-159



16

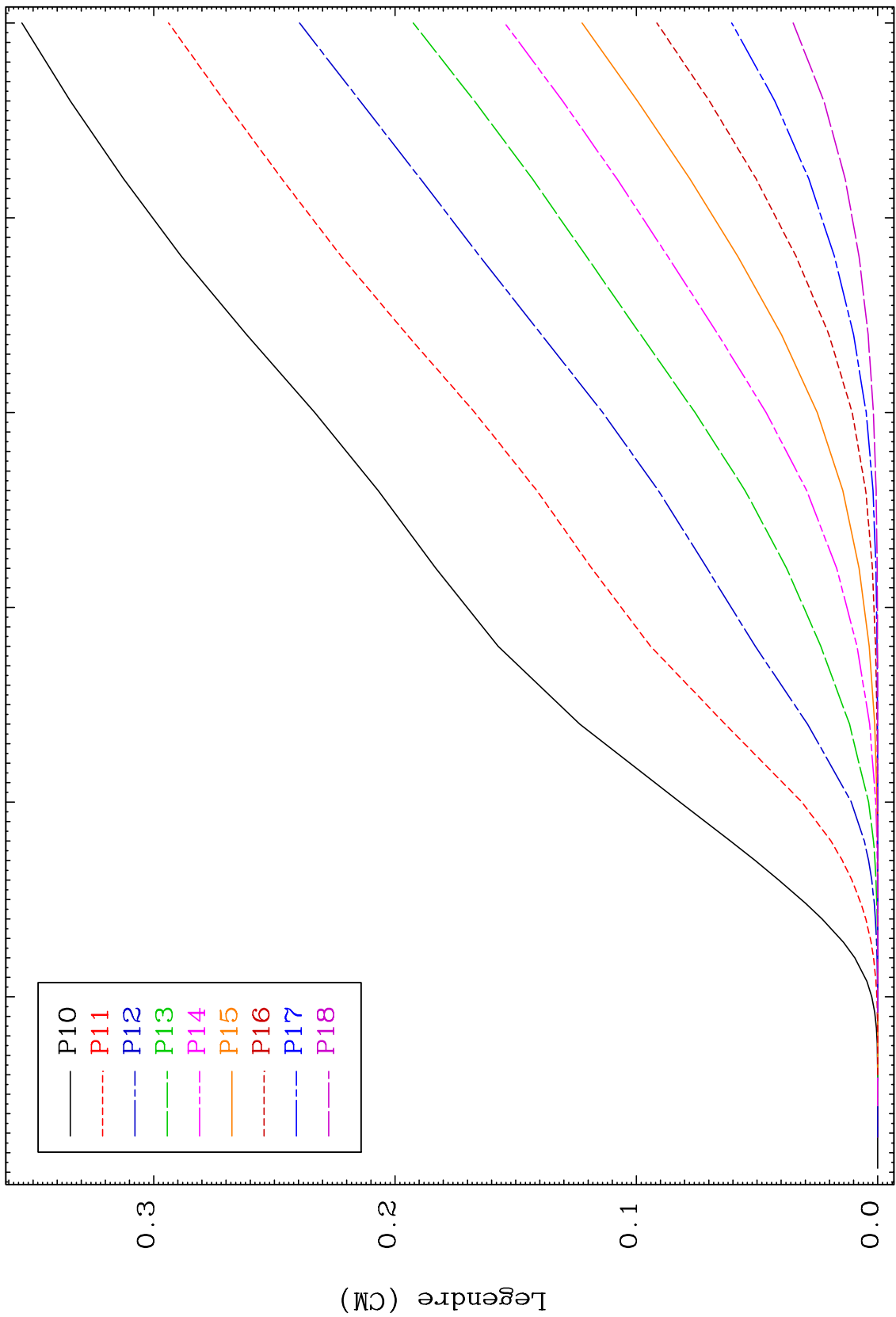
Incident Energy (MeV)

67-Ho-159

MAT 6707

Elastic Legendre Coefficients

67-Ho-159



17

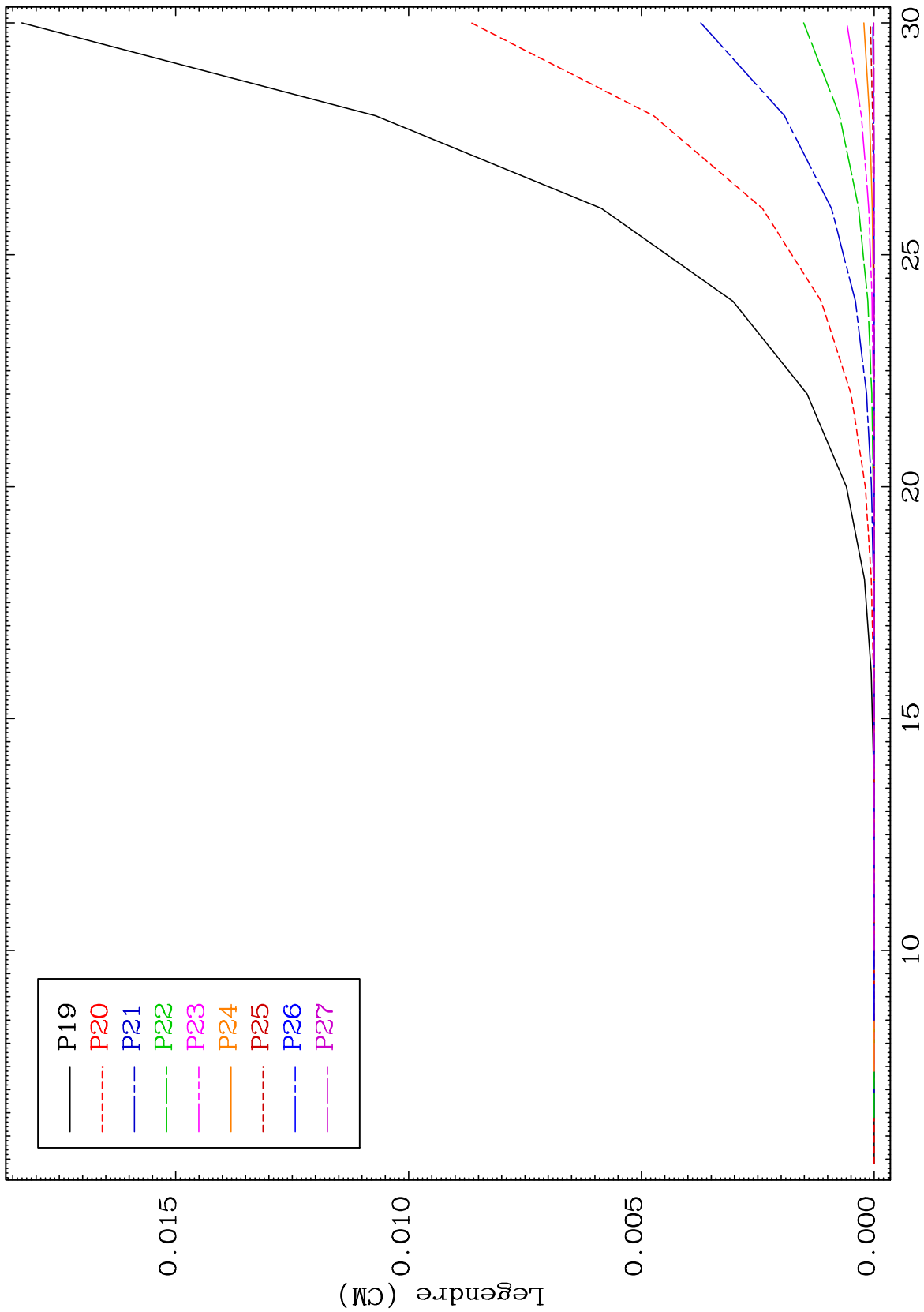
Incident Energy (MeV)

67-Ho-159

MAT 6707

Elastic Legendre Coefficients

67-Ho-159



18

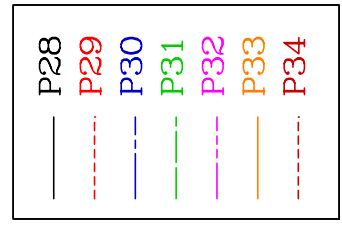
Incident Energy (MeV)

67-Ho-159

MAT 6707

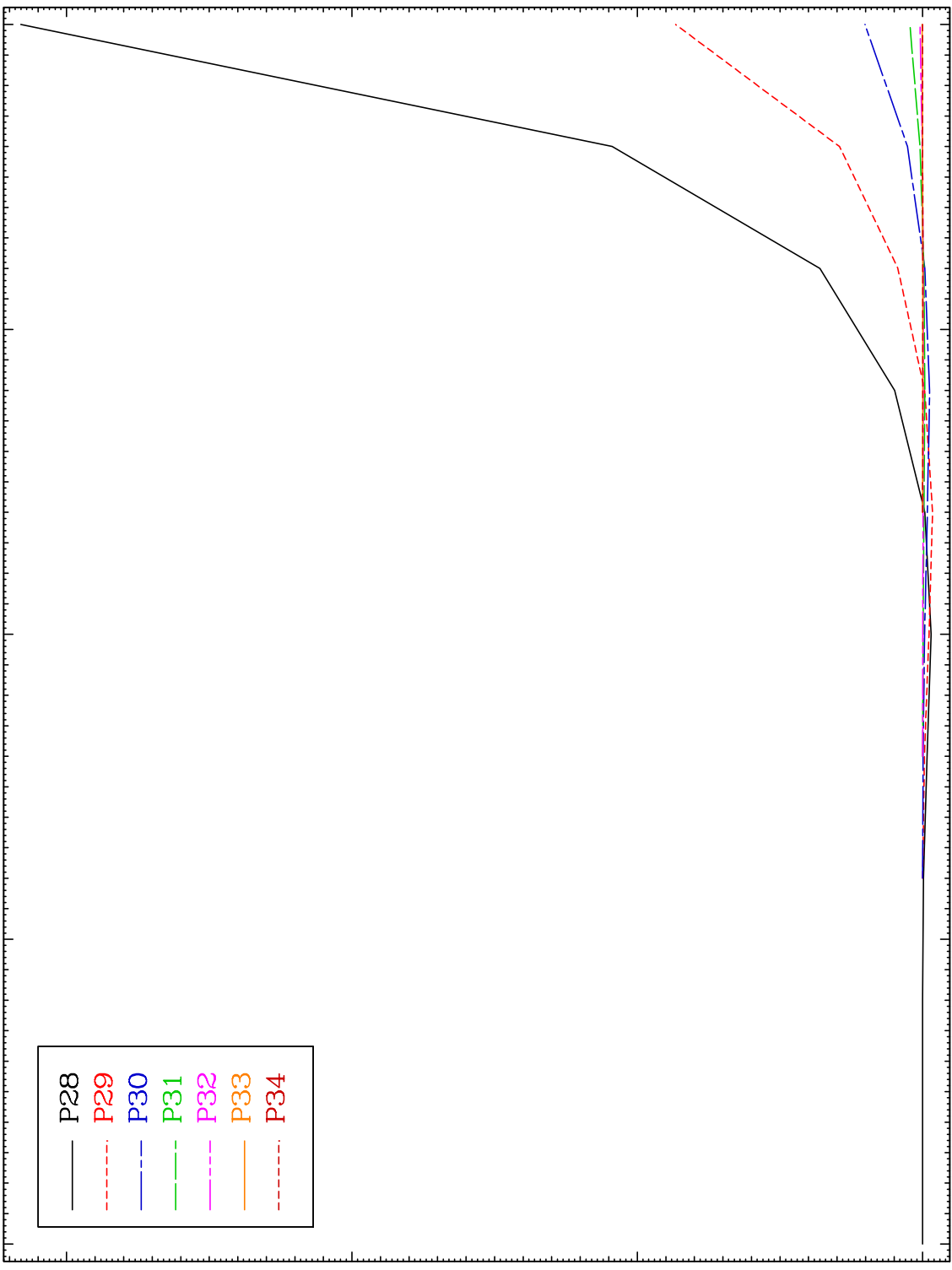
Elastic Legendre Coefficients

67-Ho-159



$\times 10^{-63}$

Legendre (CM)



10

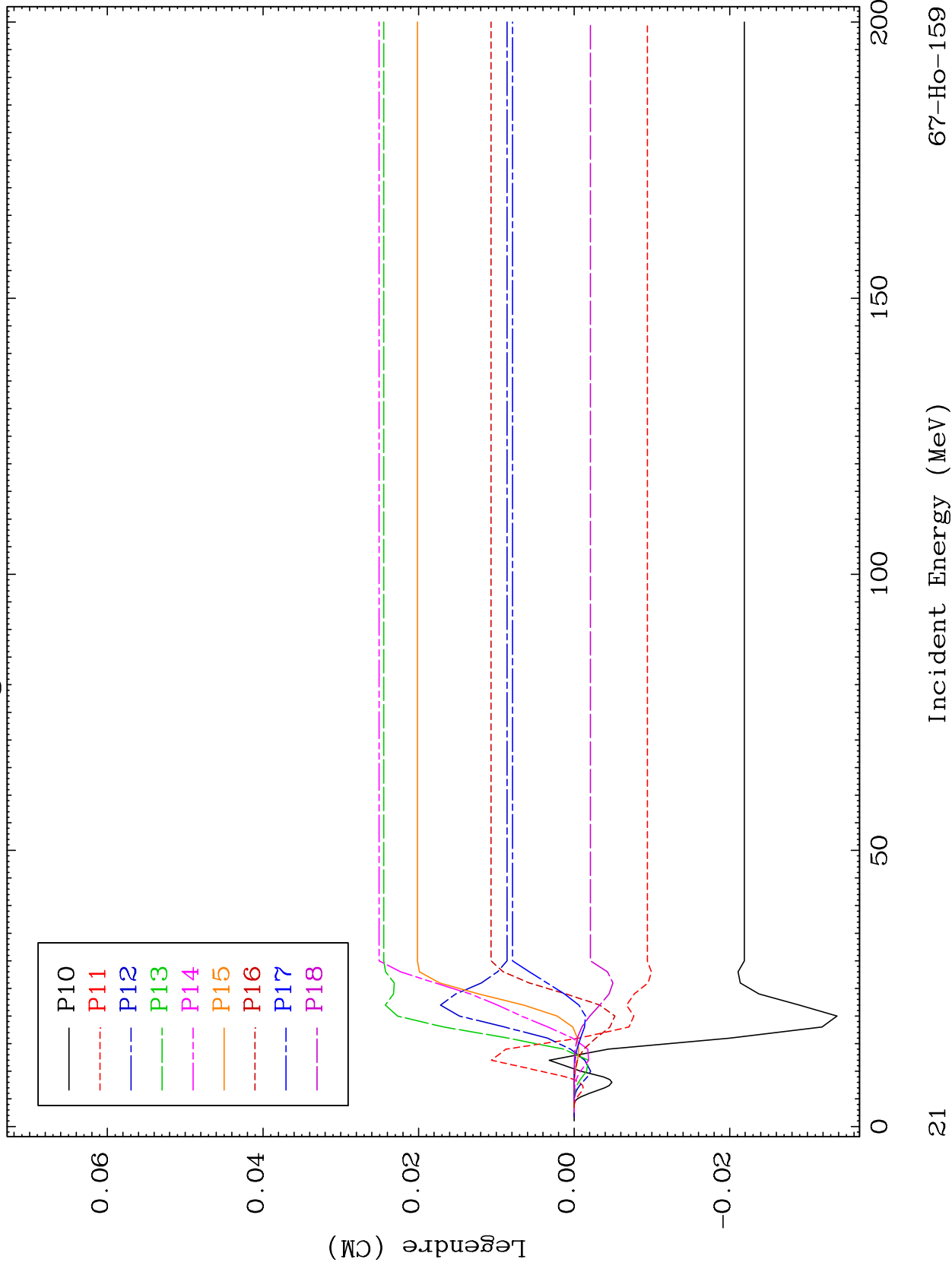
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



21

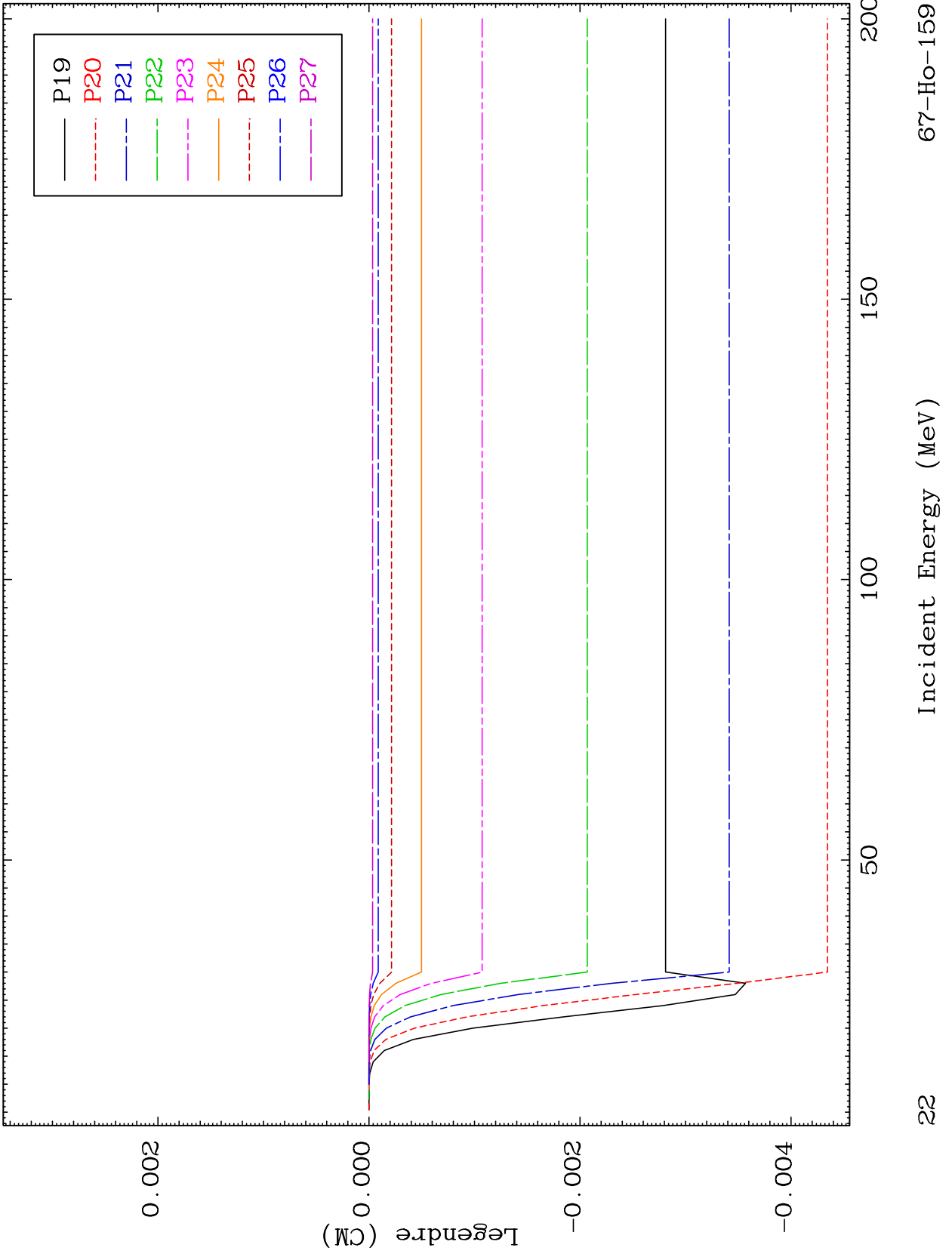
Incident Energy (MeV)

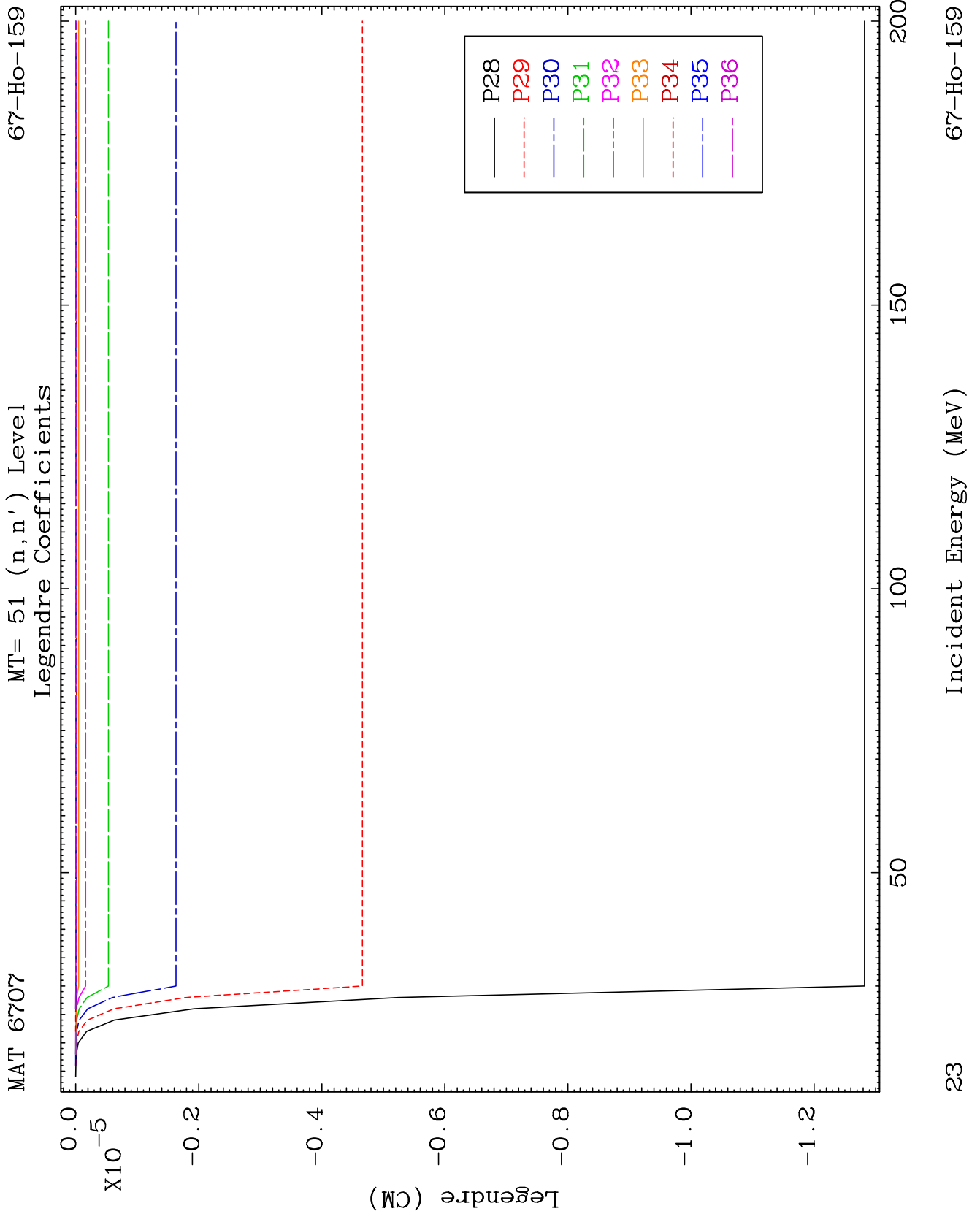
67-Ho-159

MAT 6707

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

67-Ho-159

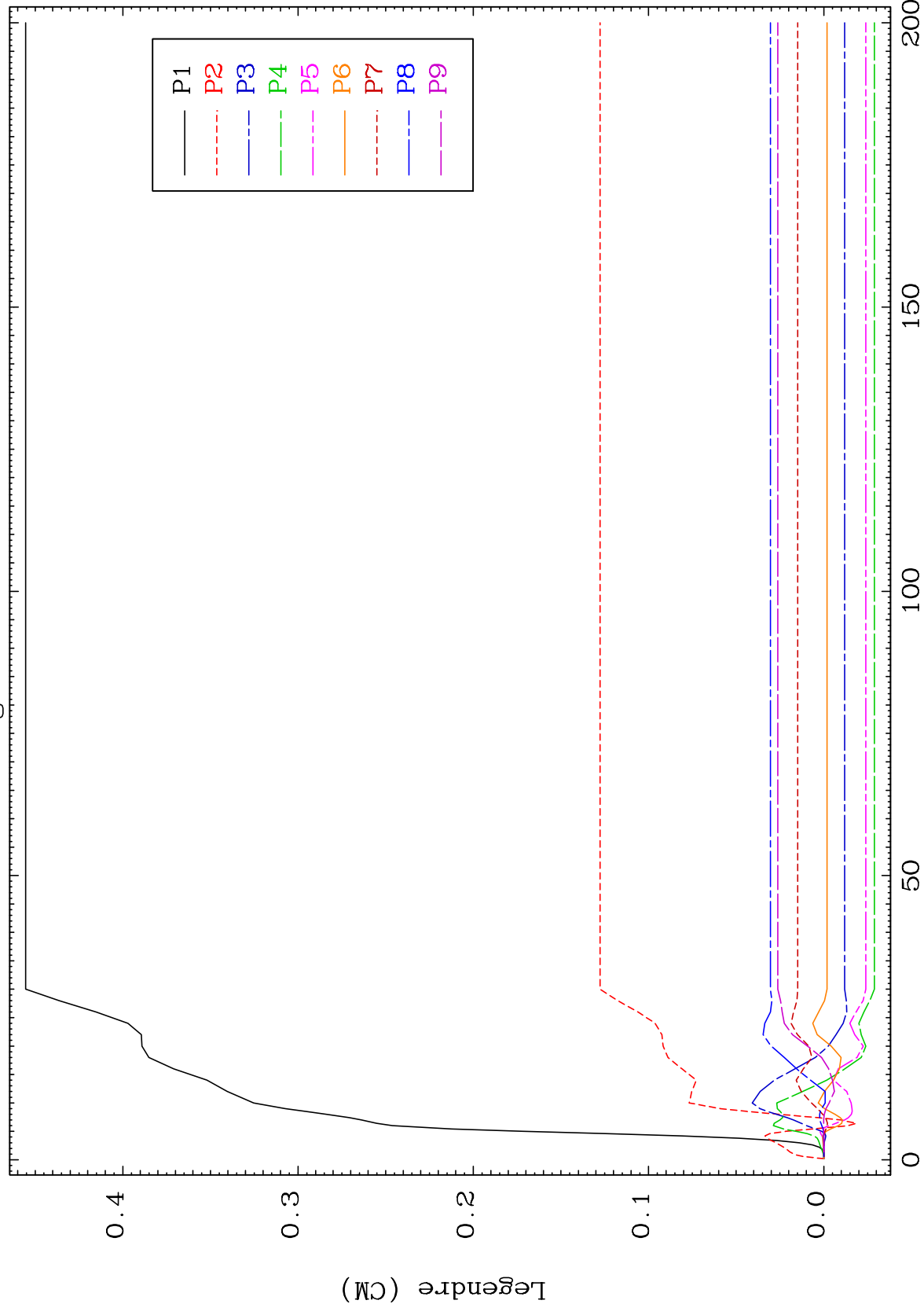




MAT 6707

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

67-Ho-159



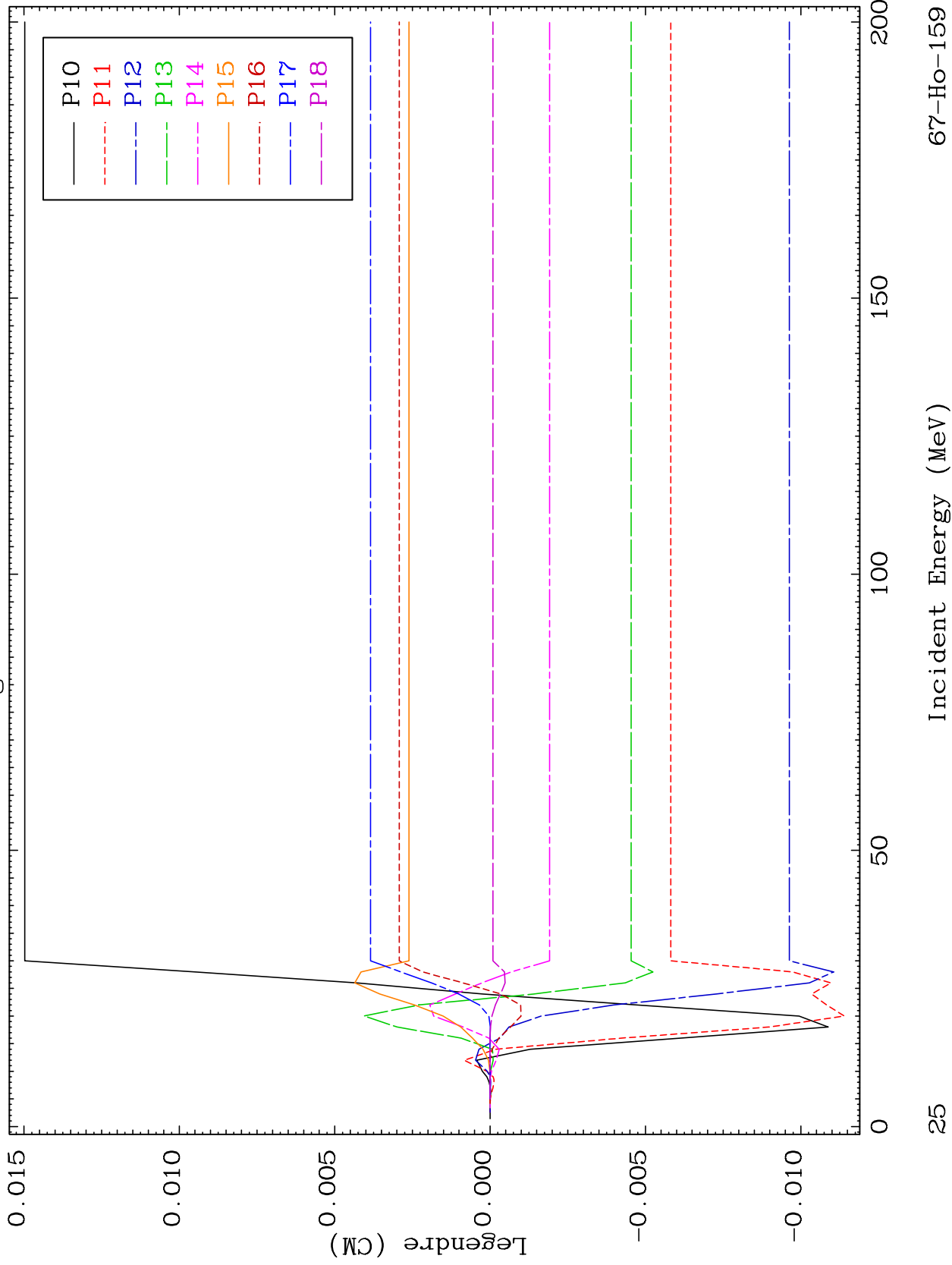
24

67-Ho-159

MAT 6707

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

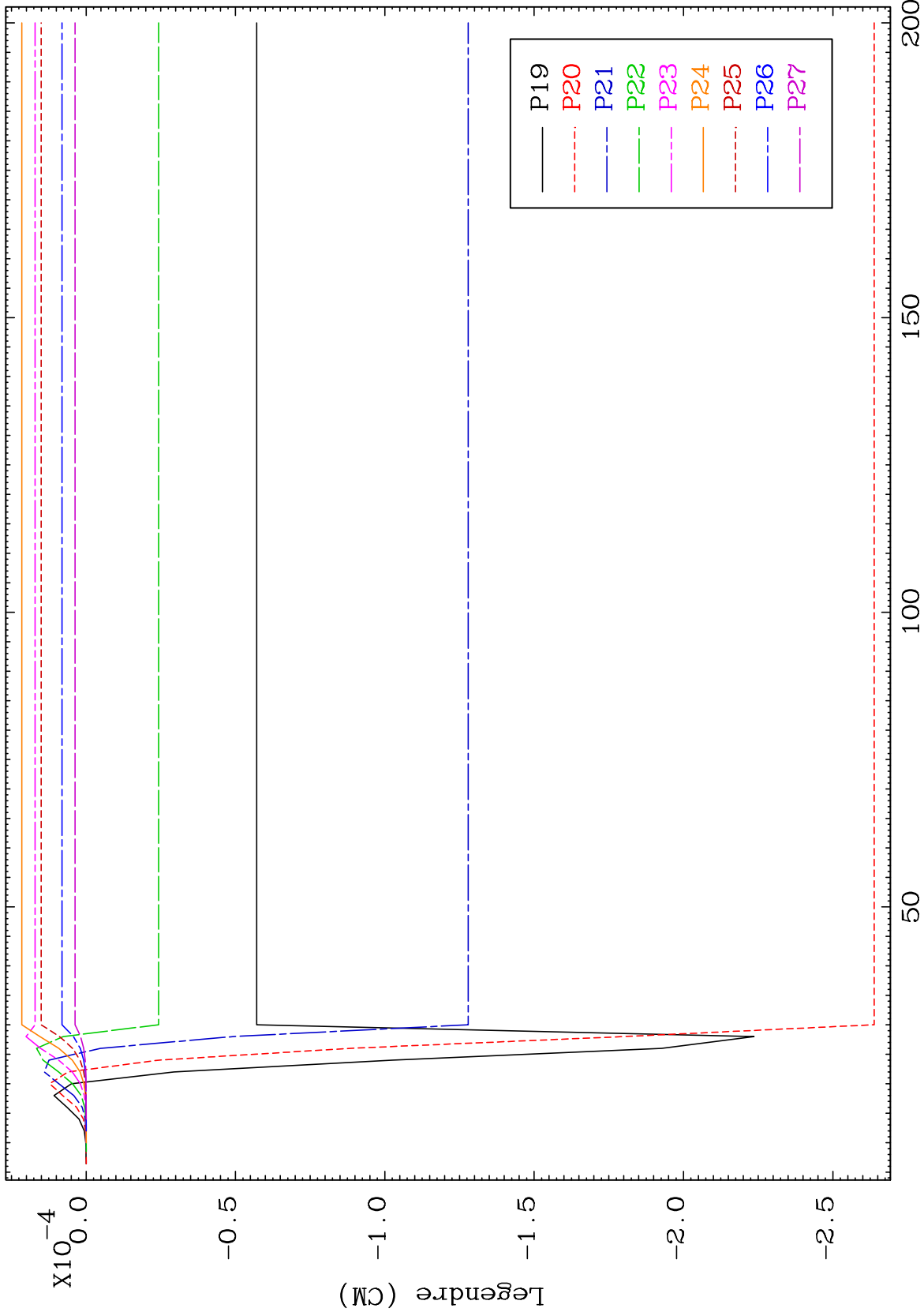
67-Ho-159



67-Ho-159

Incident Energy (MeV)

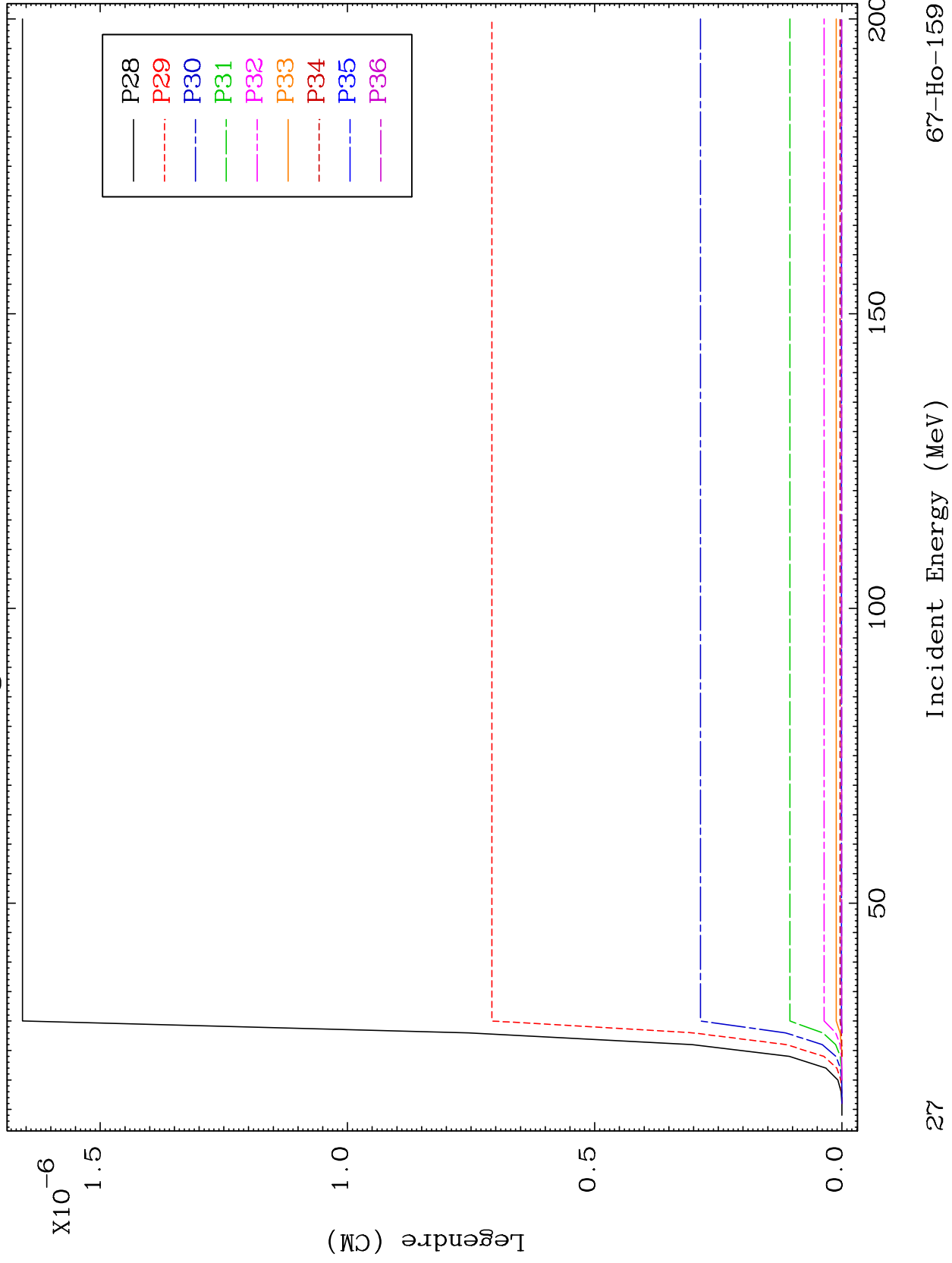
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MAT 6707

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

67-Ho-159



27

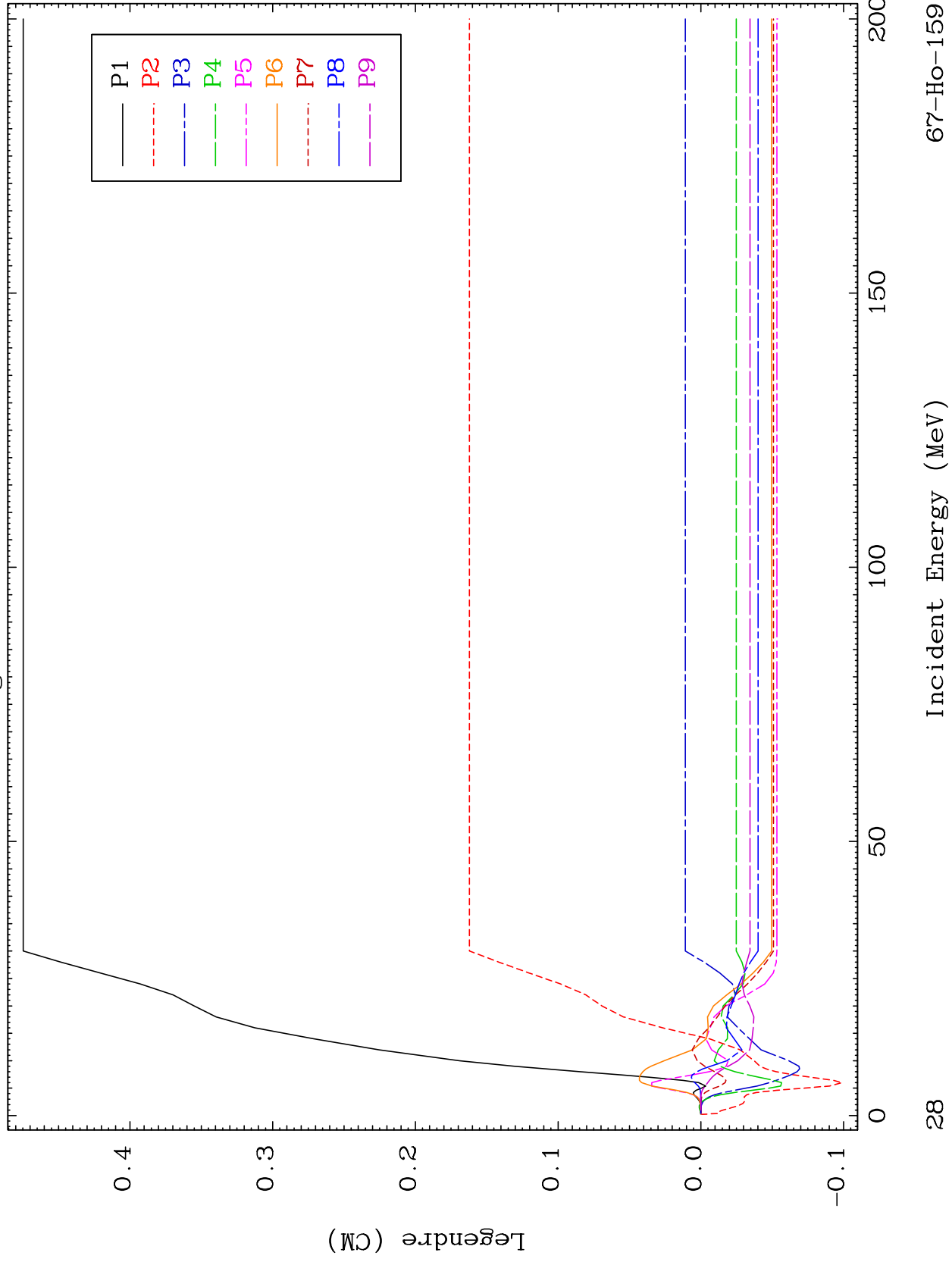
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



67-Ho-159

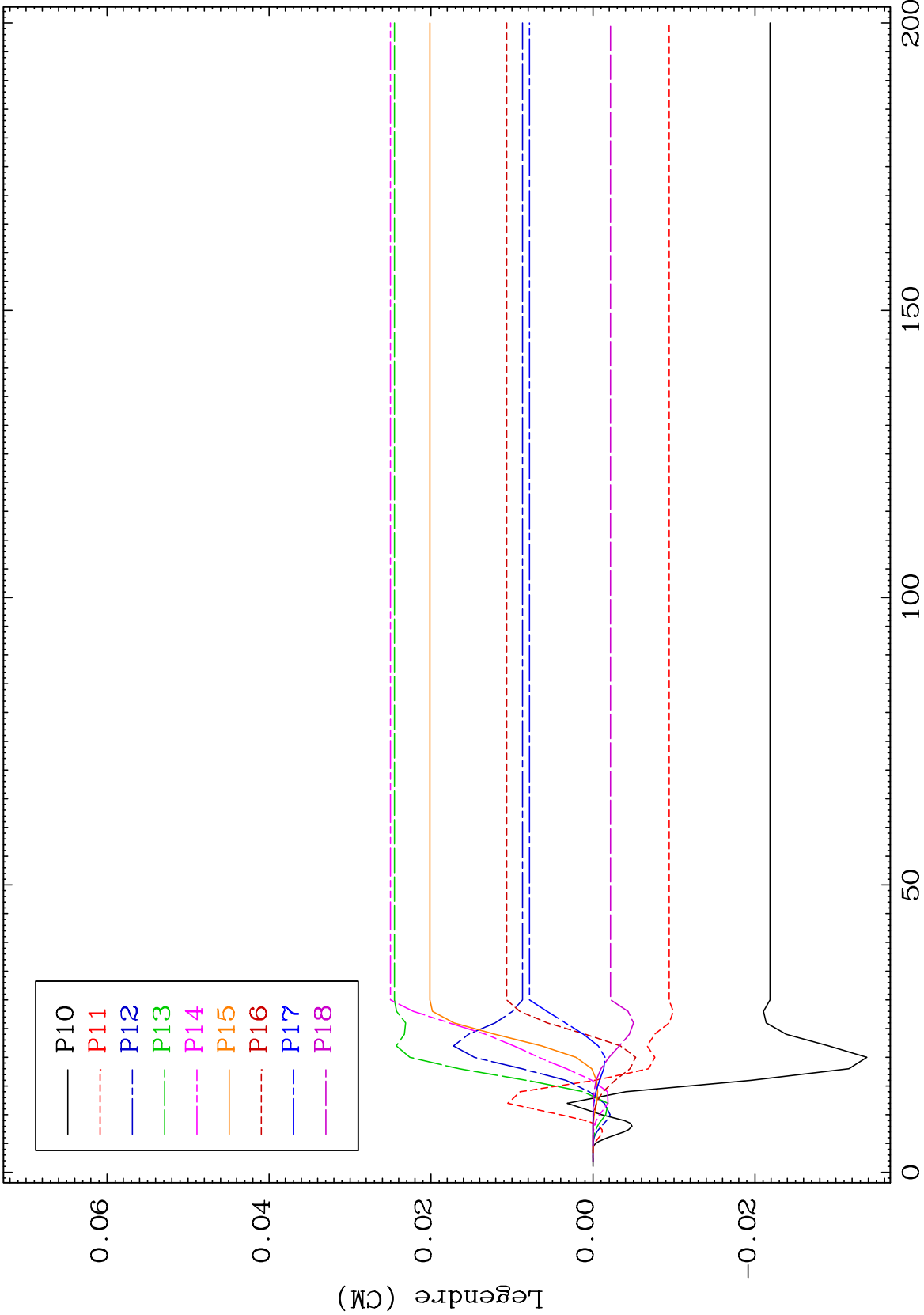
Incident Energy (MeV)

28

MAT 6707

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

67-Ho-159



29

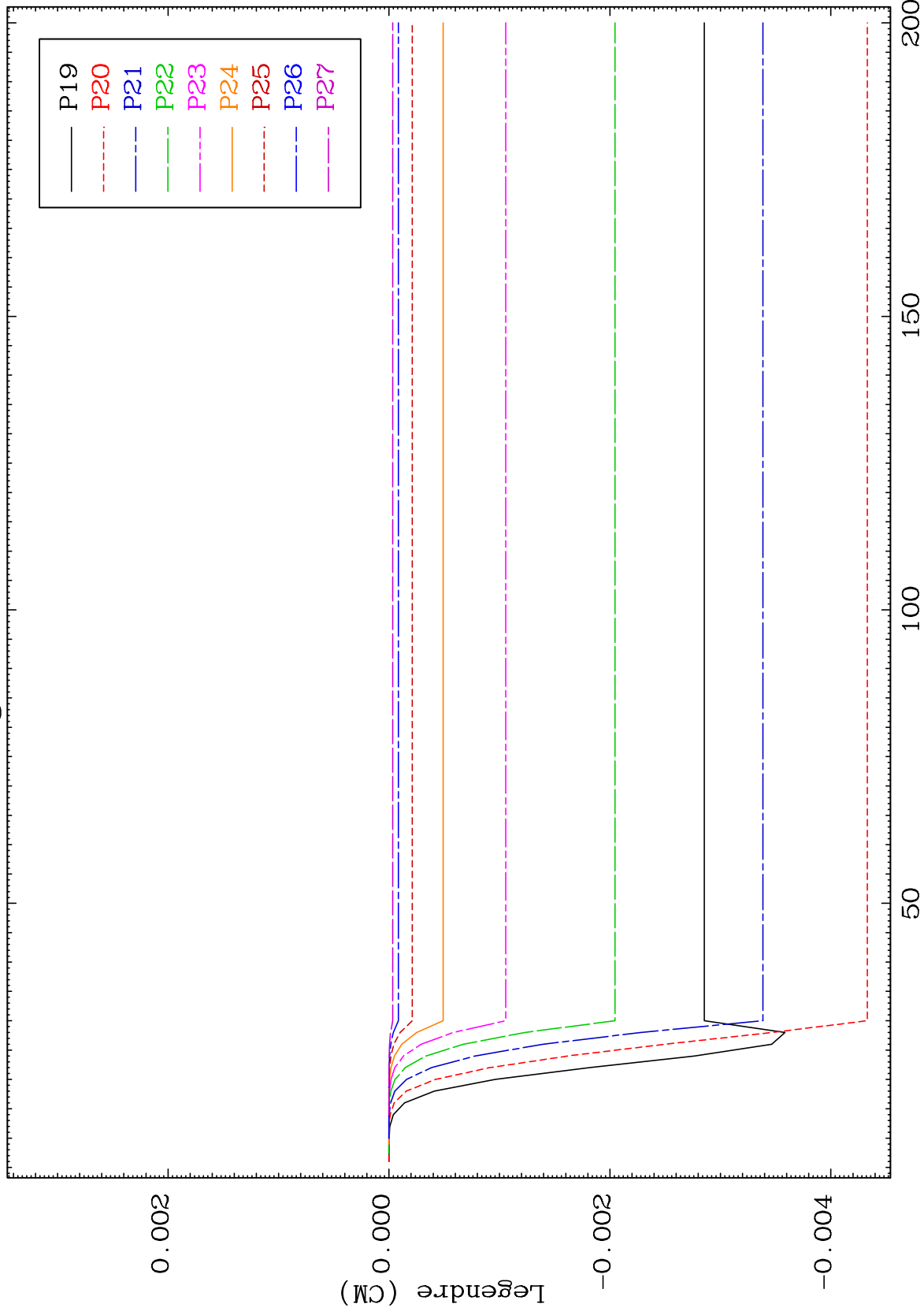
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



30

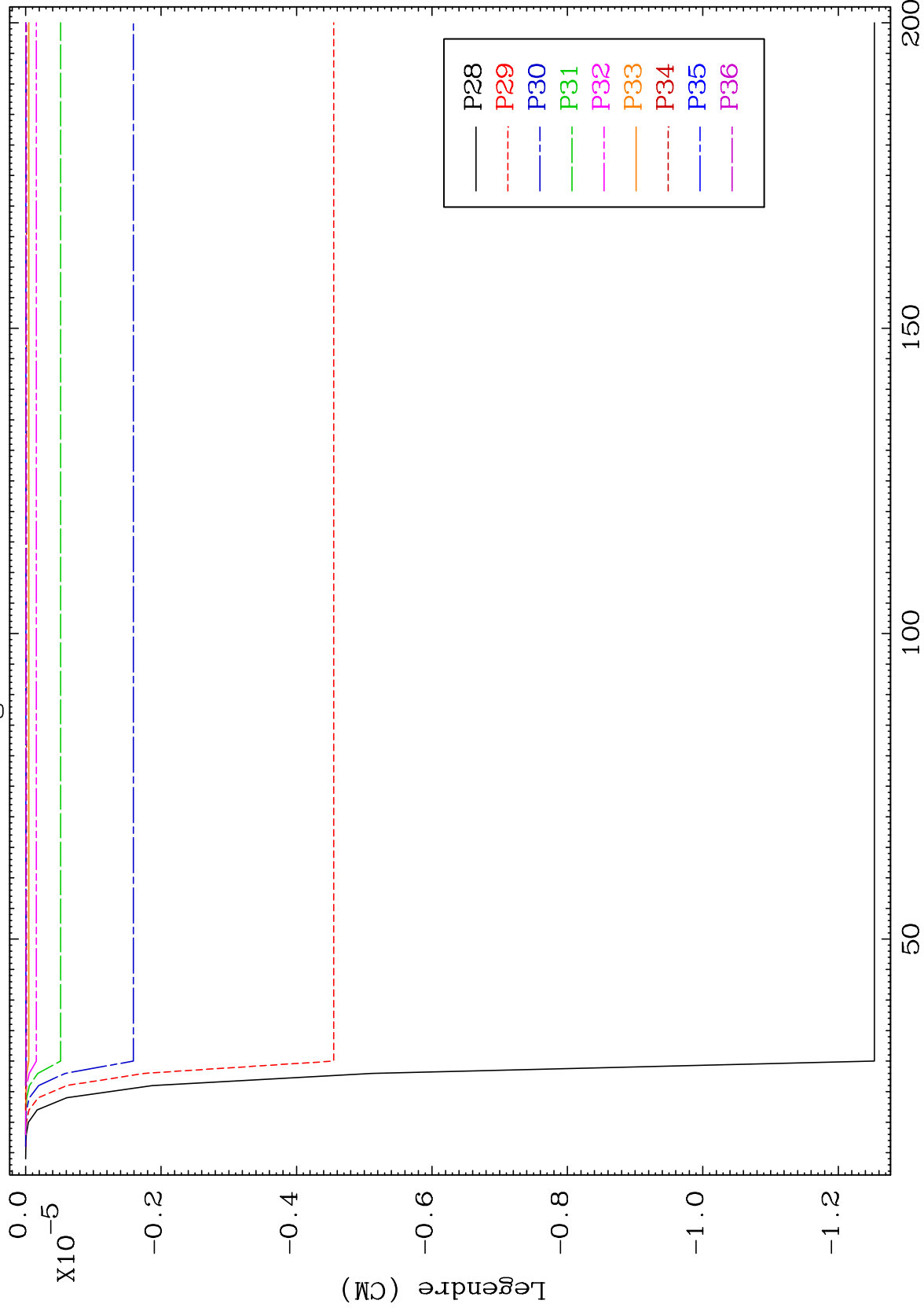
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

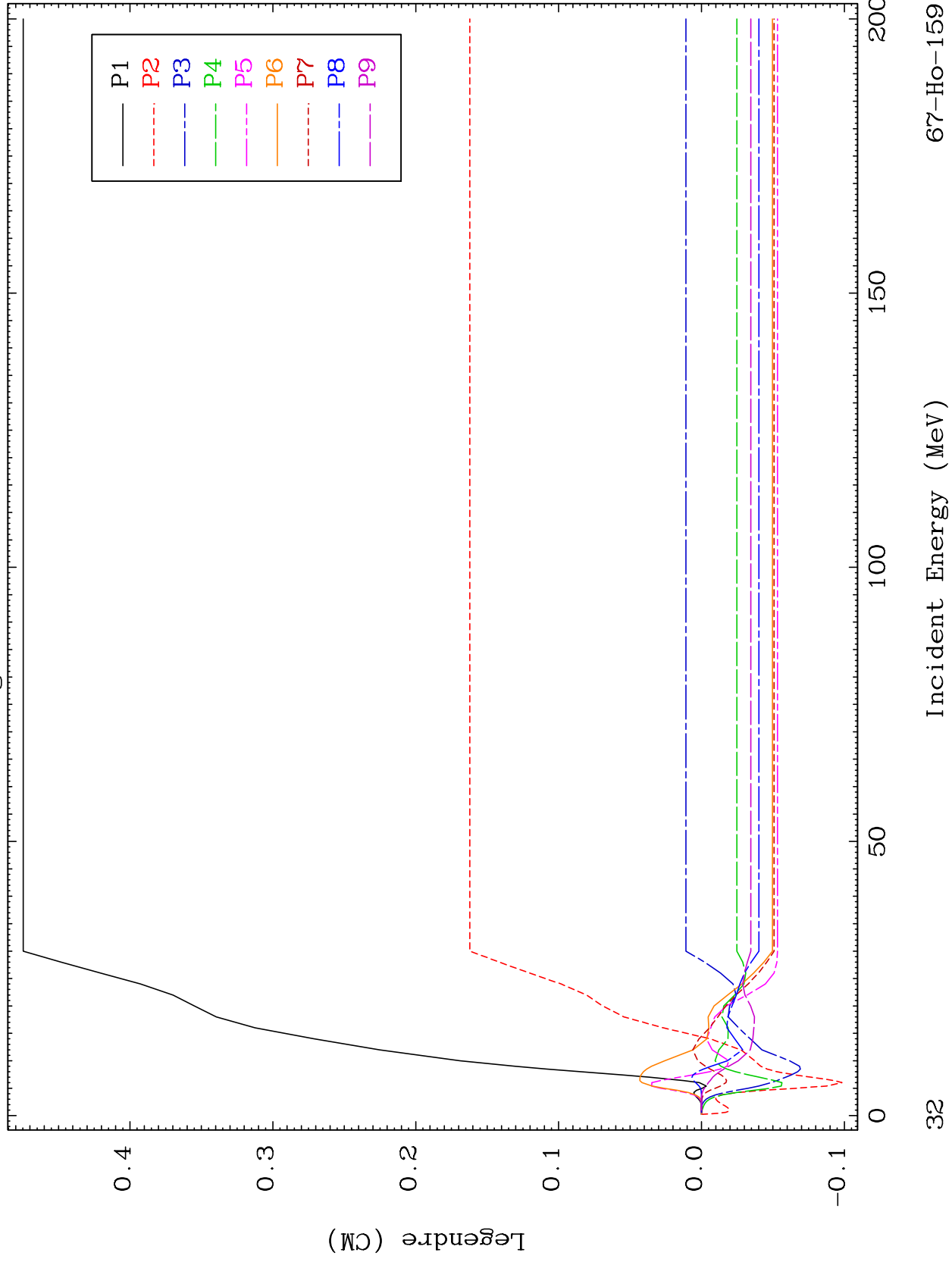
67-Ho-159



MAT 6707

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

67-Ho-159



67-Ho-159

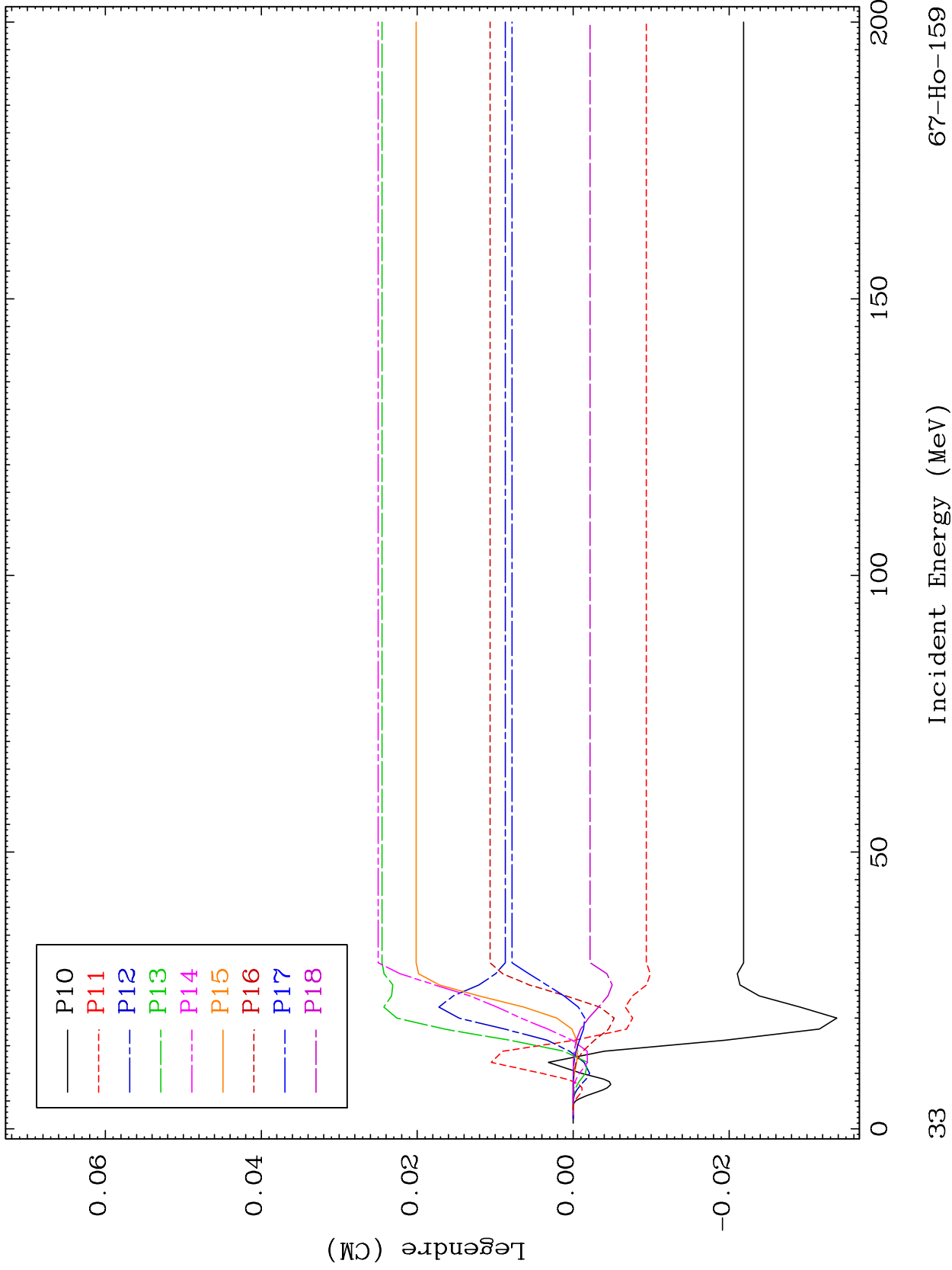
Incident Energy (MeV)

32

MAT 6707

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

67-Ho-159



33

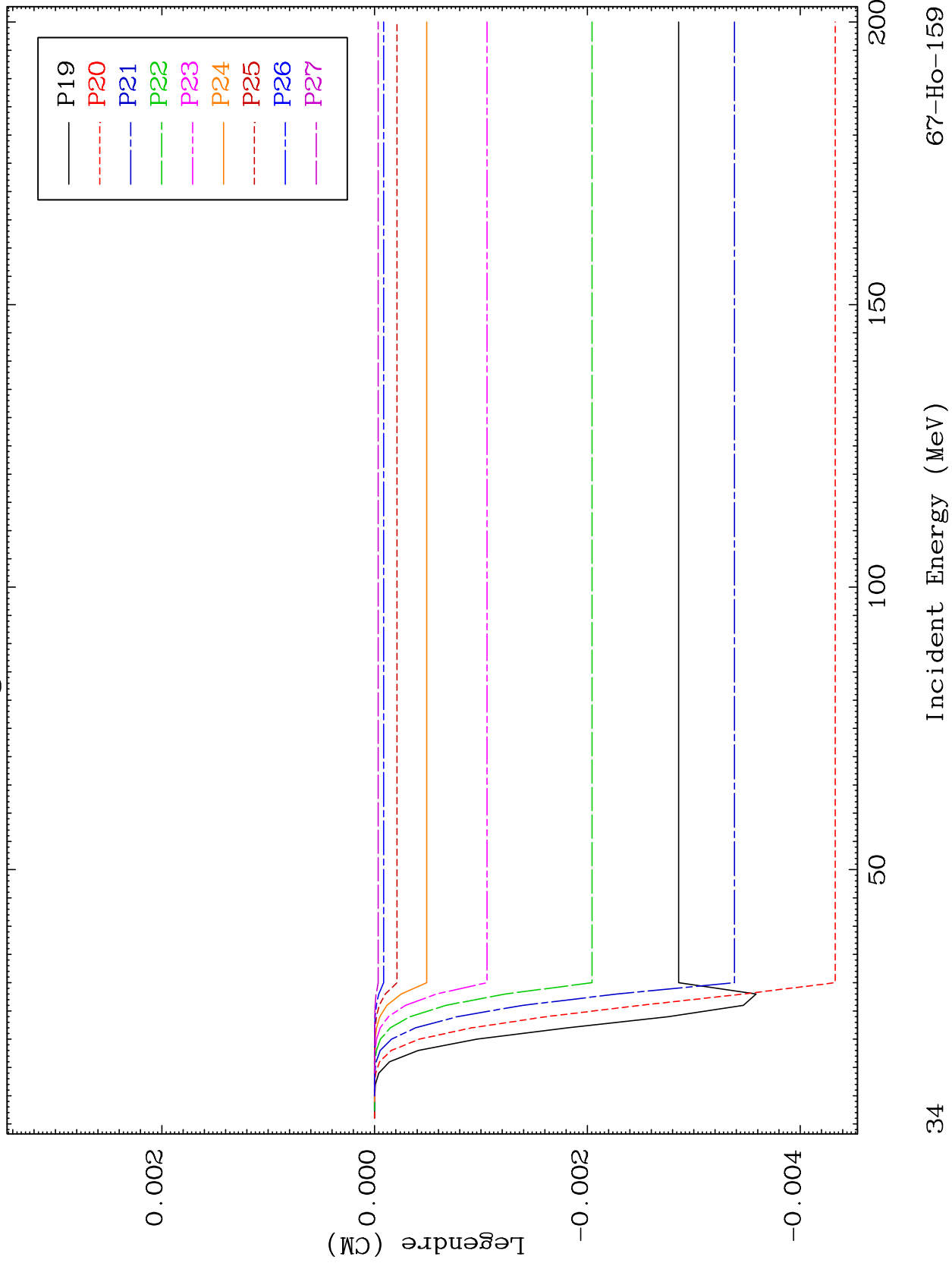
Incident Energy (MeV)

67-Ho-159

MAT 6707

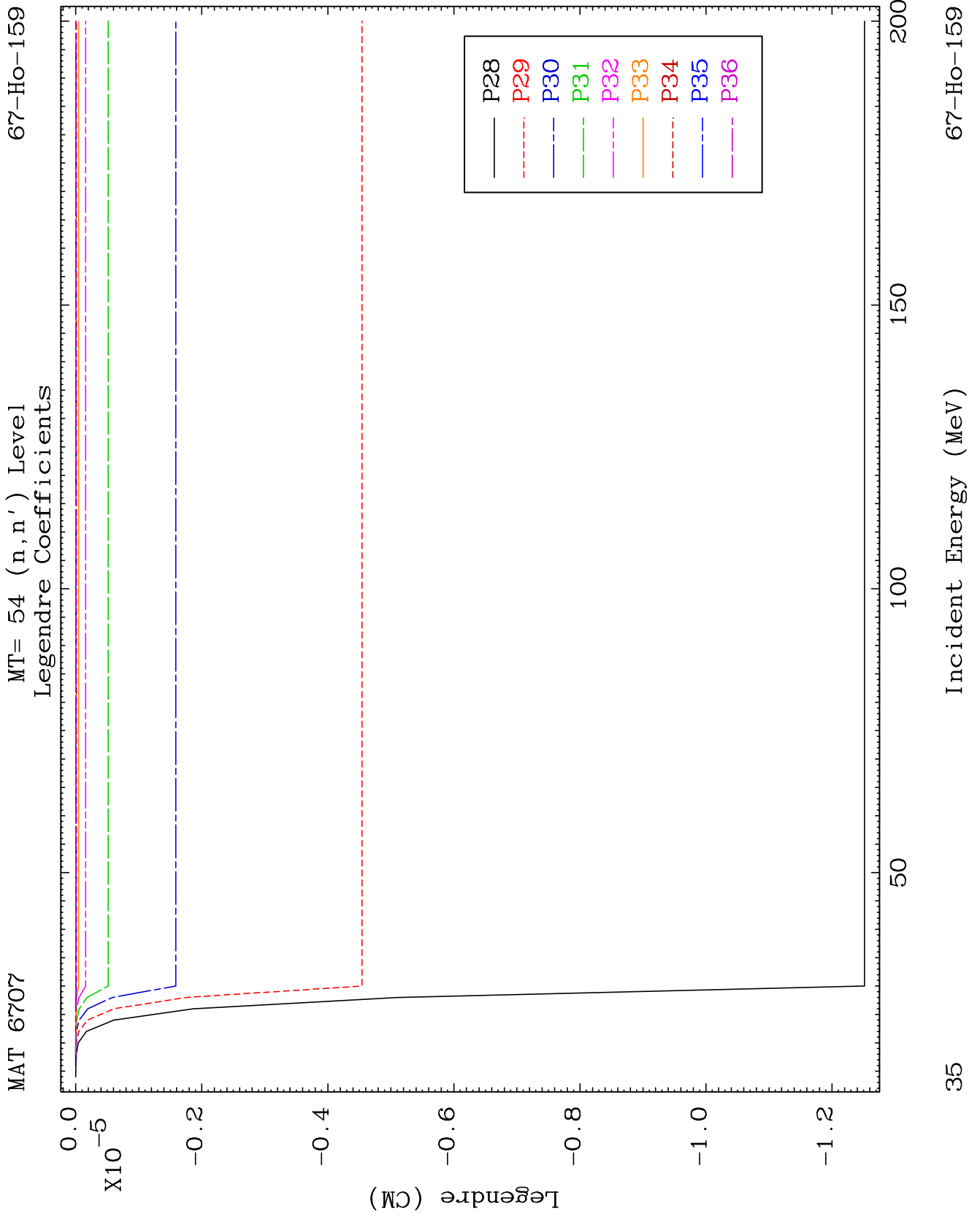
MT= 54 (n,n') Level
Legendre Coefficients

67-Ho-159



34

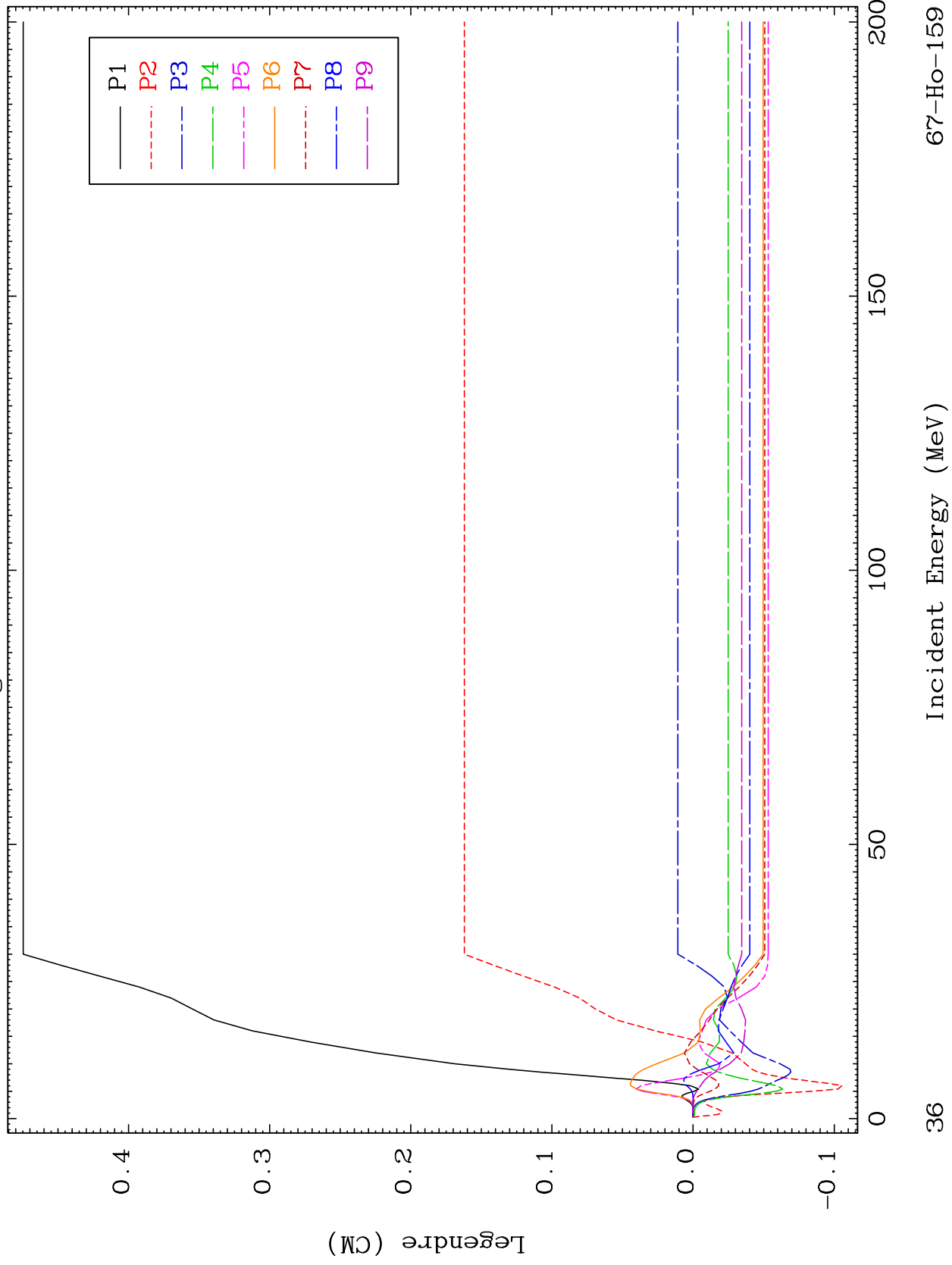
67-Ho-159



MAT 6707

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

67-Ho-159



67-Ho-159

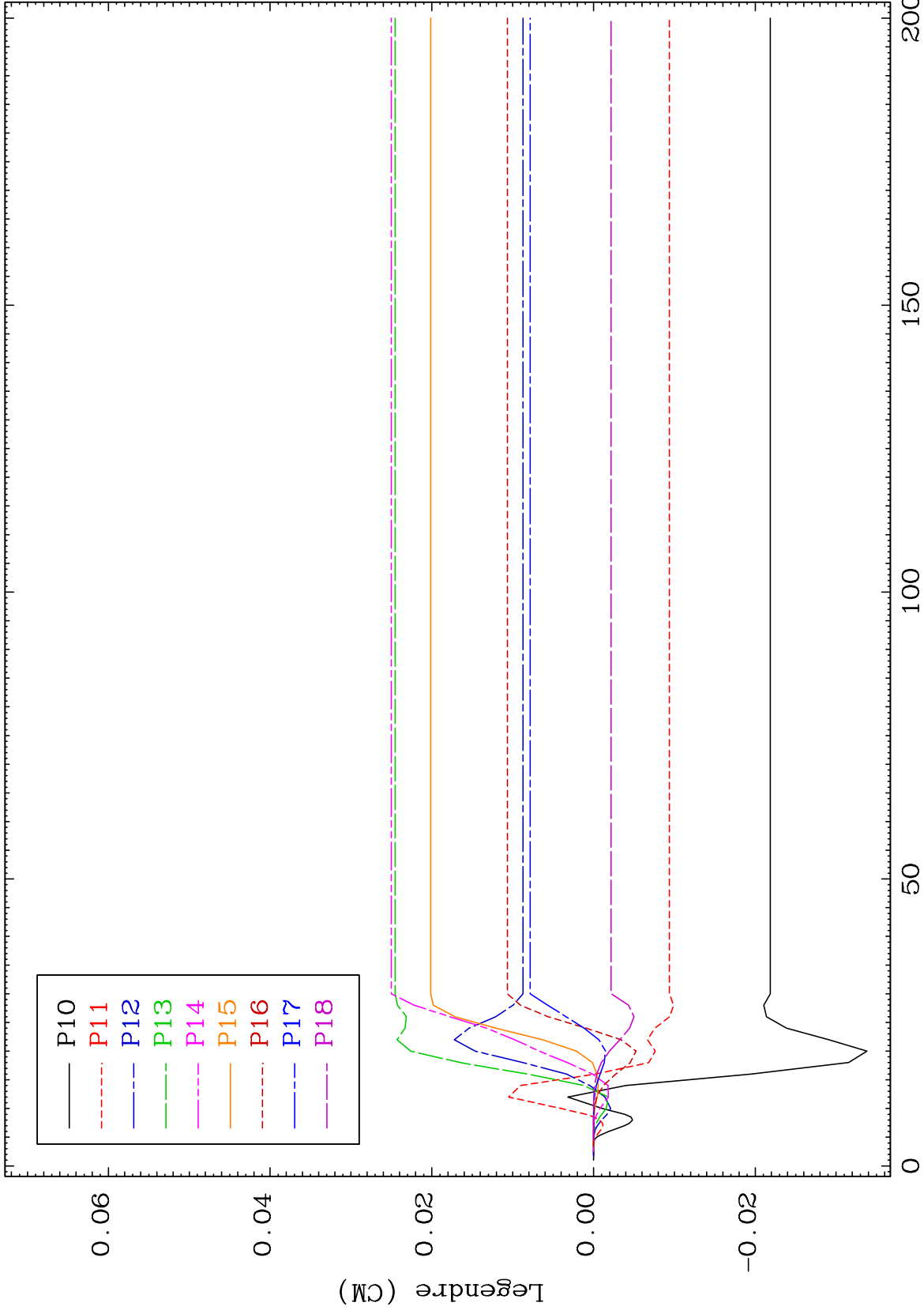
Incident Energy (MeV)

36

MAT 6707

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

67-Ho-159



37

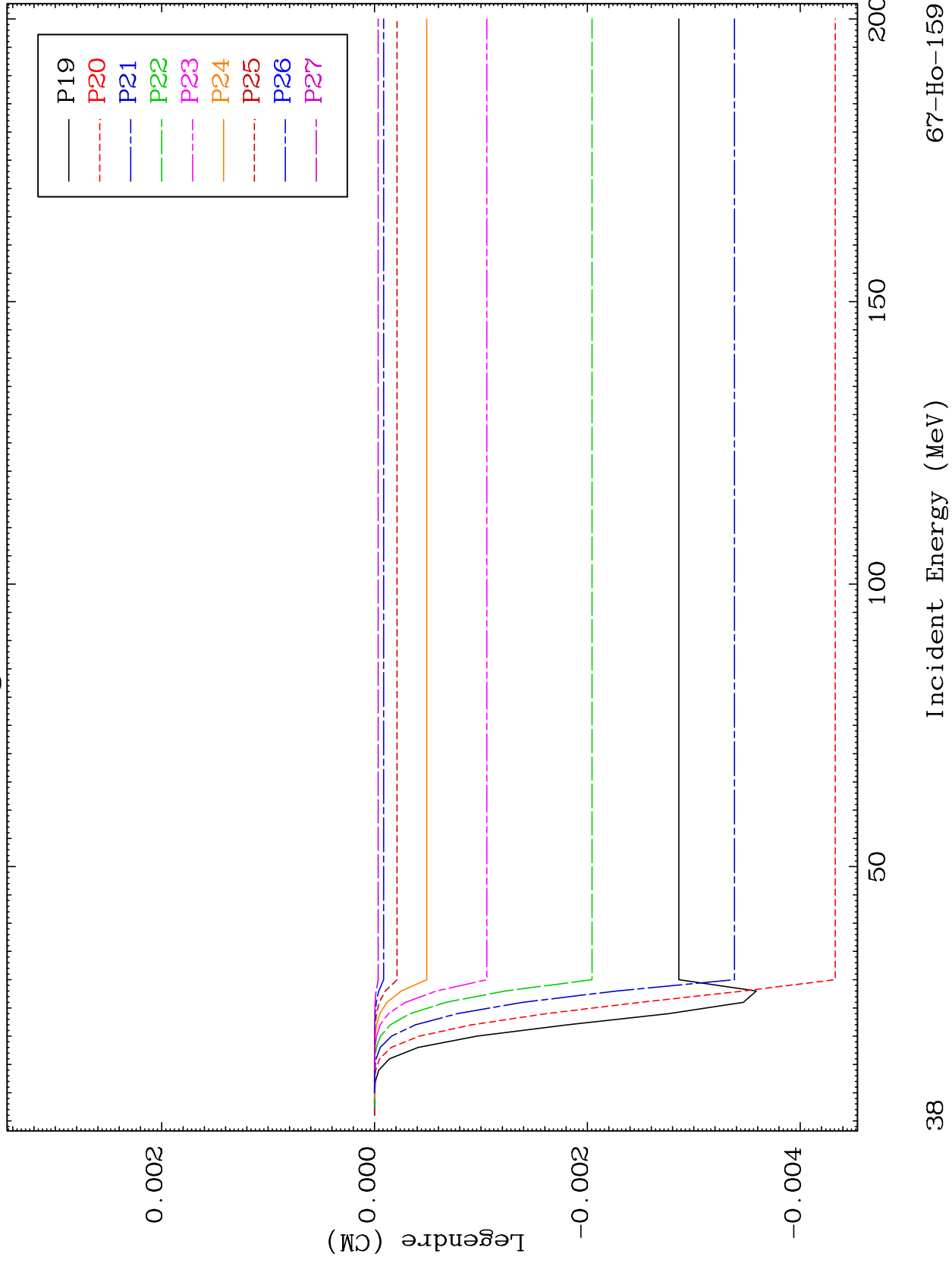
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

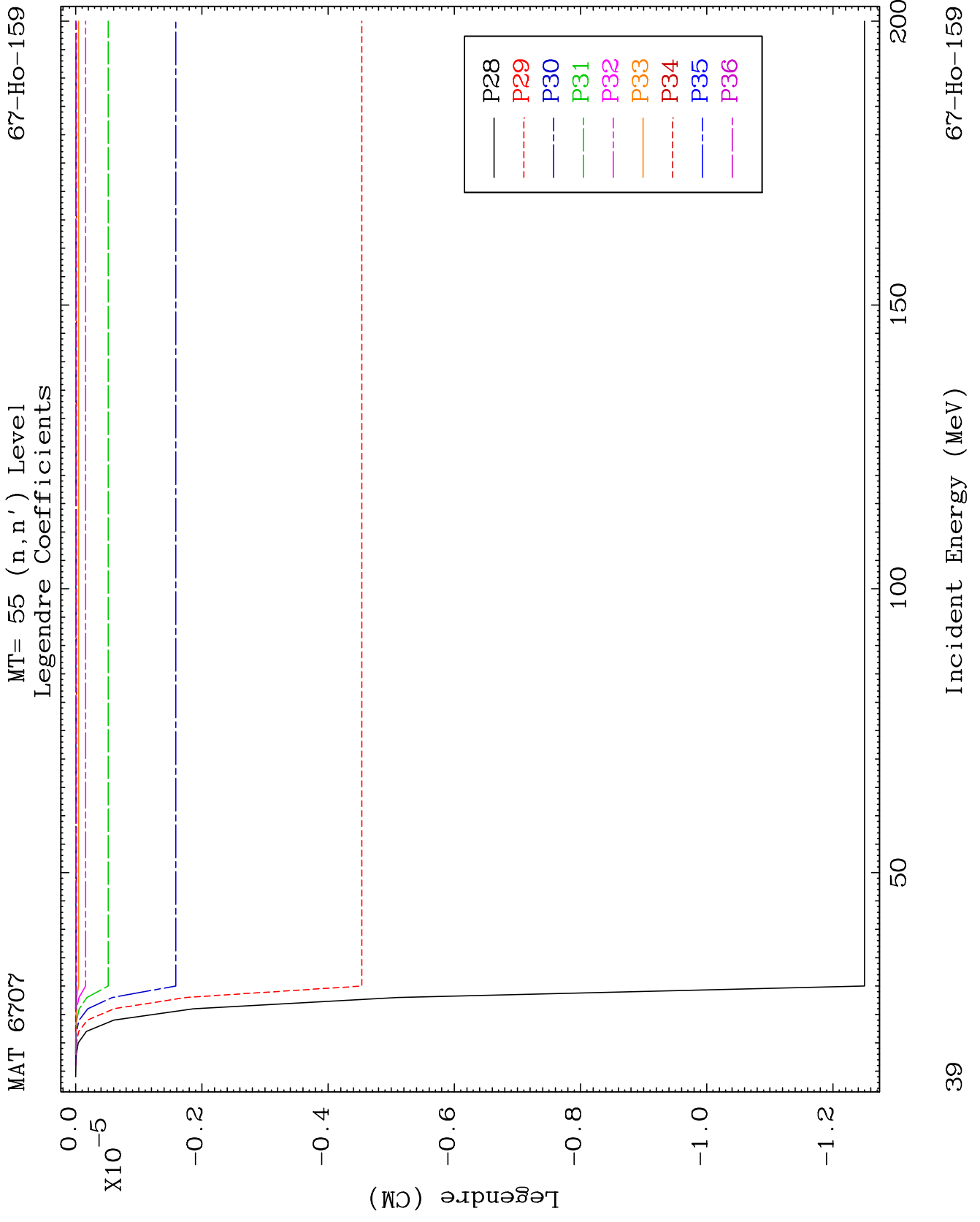
67-Ho-159



38

Incident Energy (MeV)

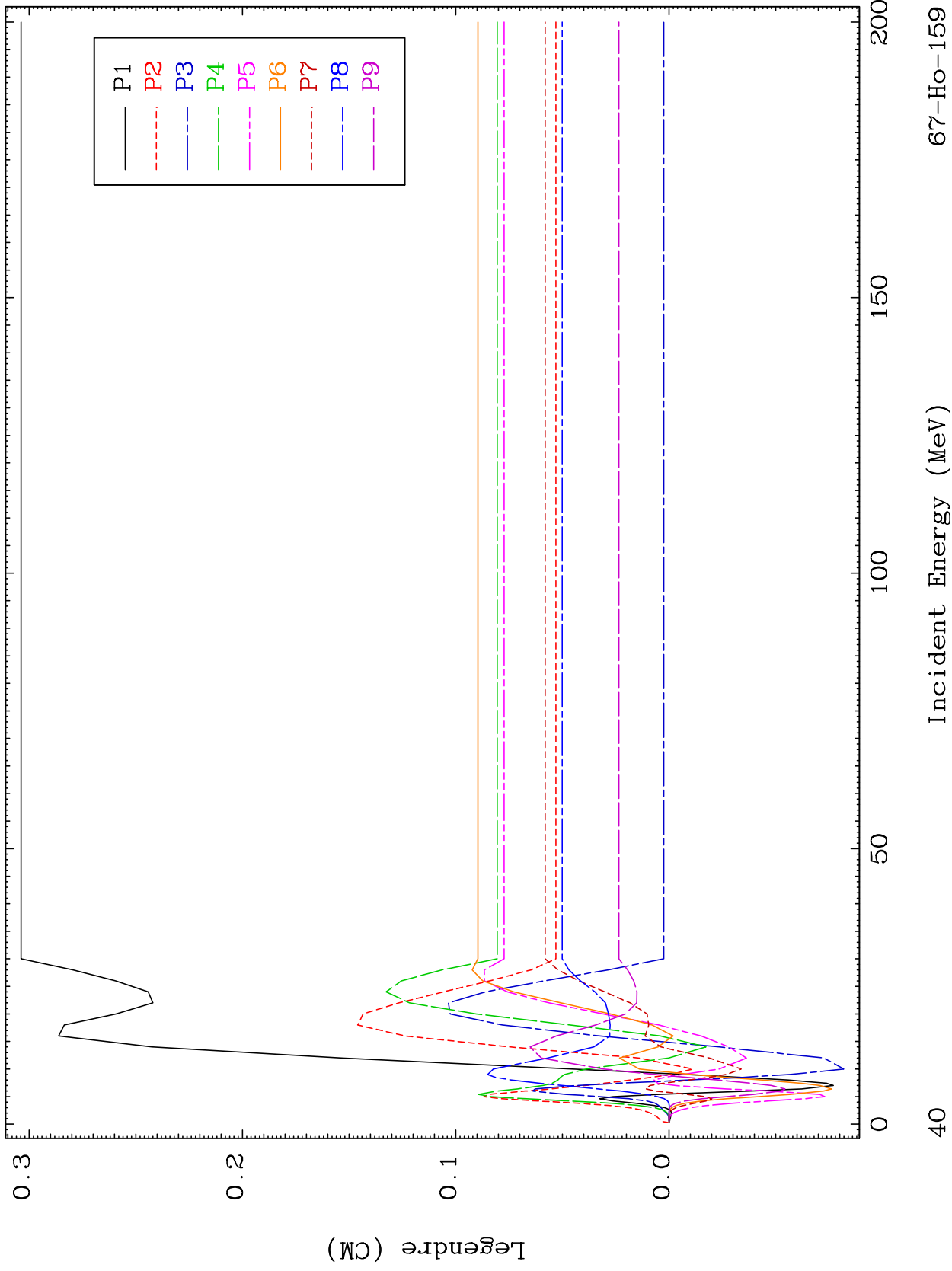
67-Ho-159



MAT 6707

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

67-Ho-159



67-Ho-159

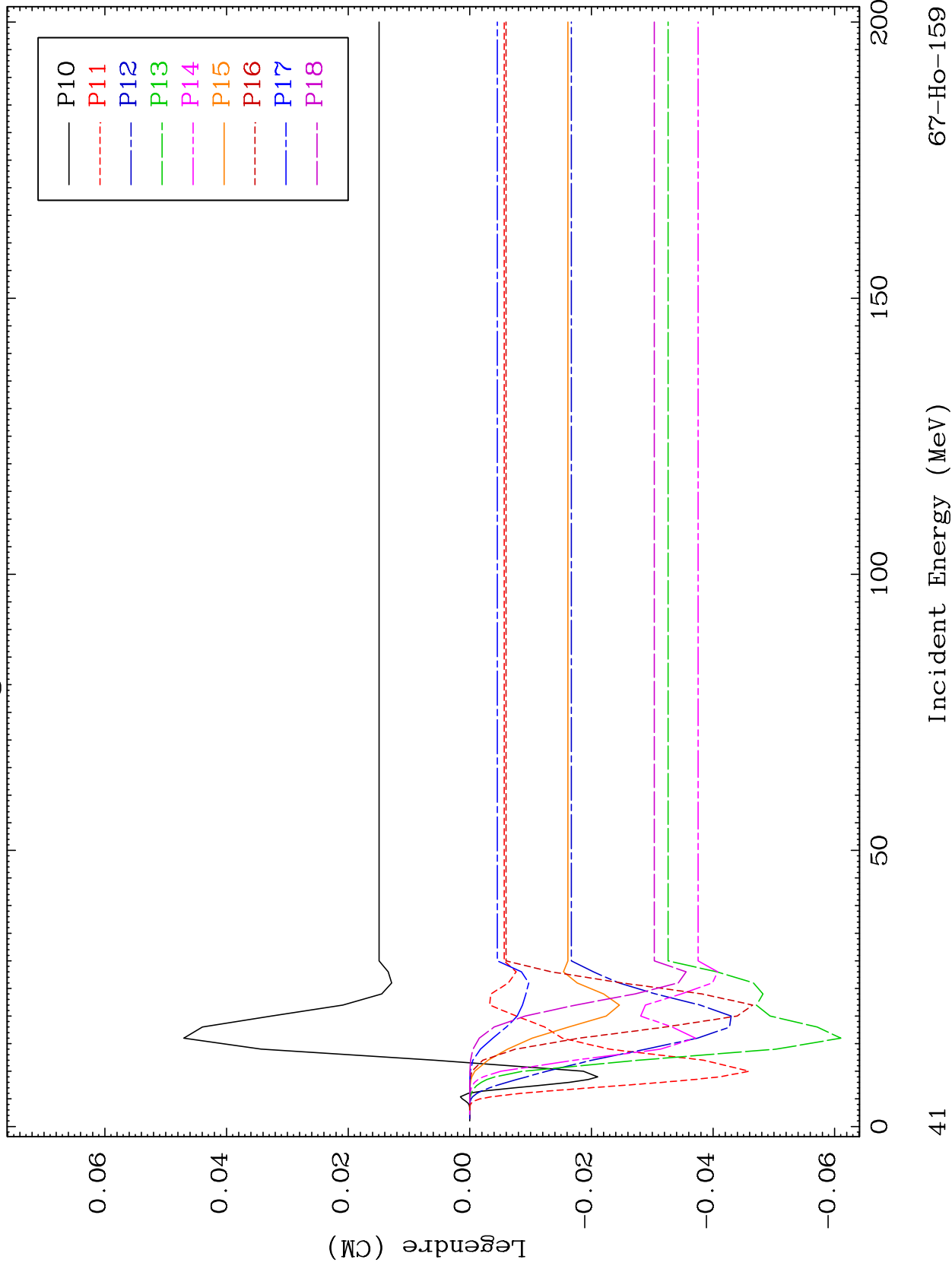
Incident Energy (MeV)

40

MAT 6707

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

67-Ho-159



41

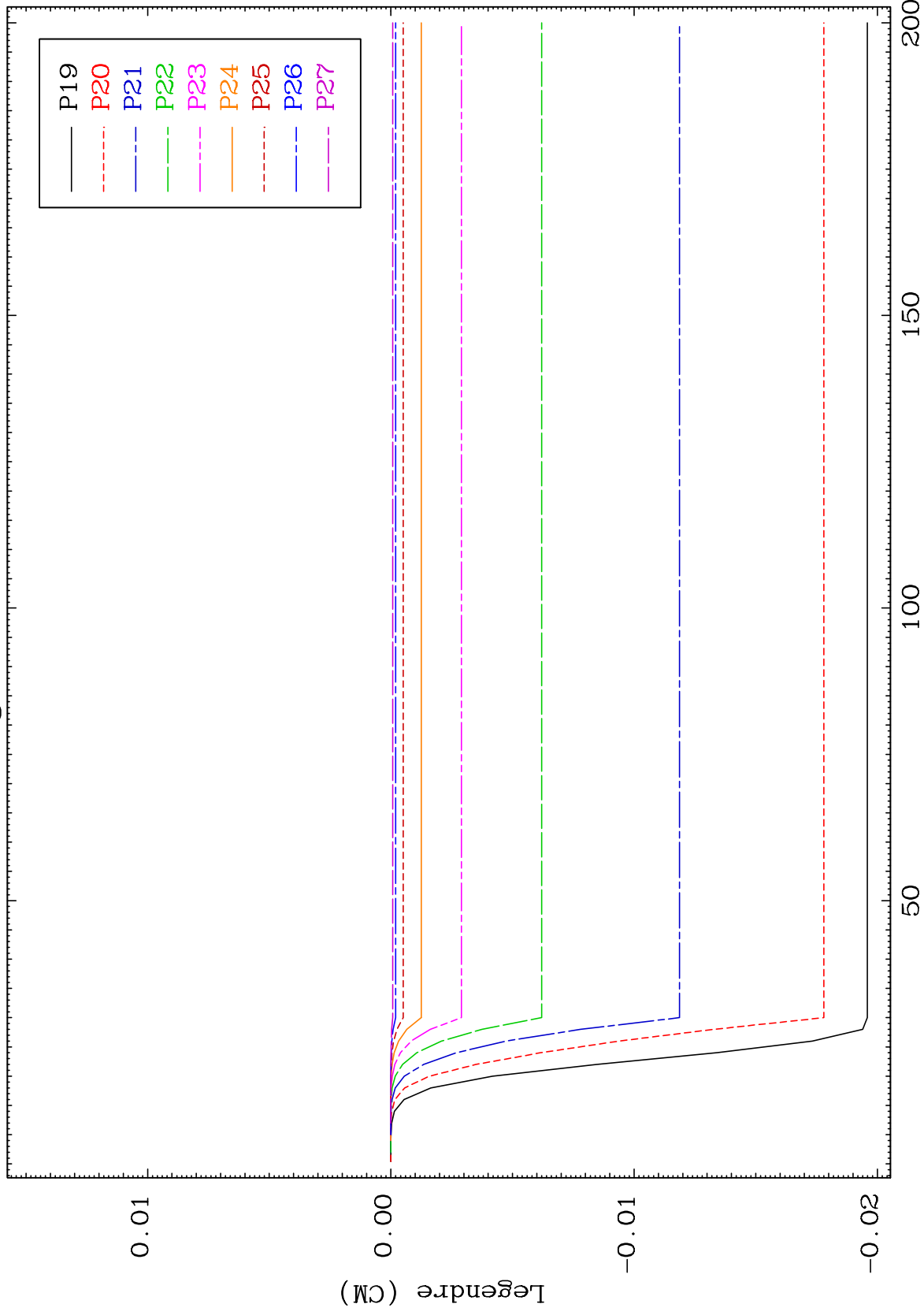
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



42

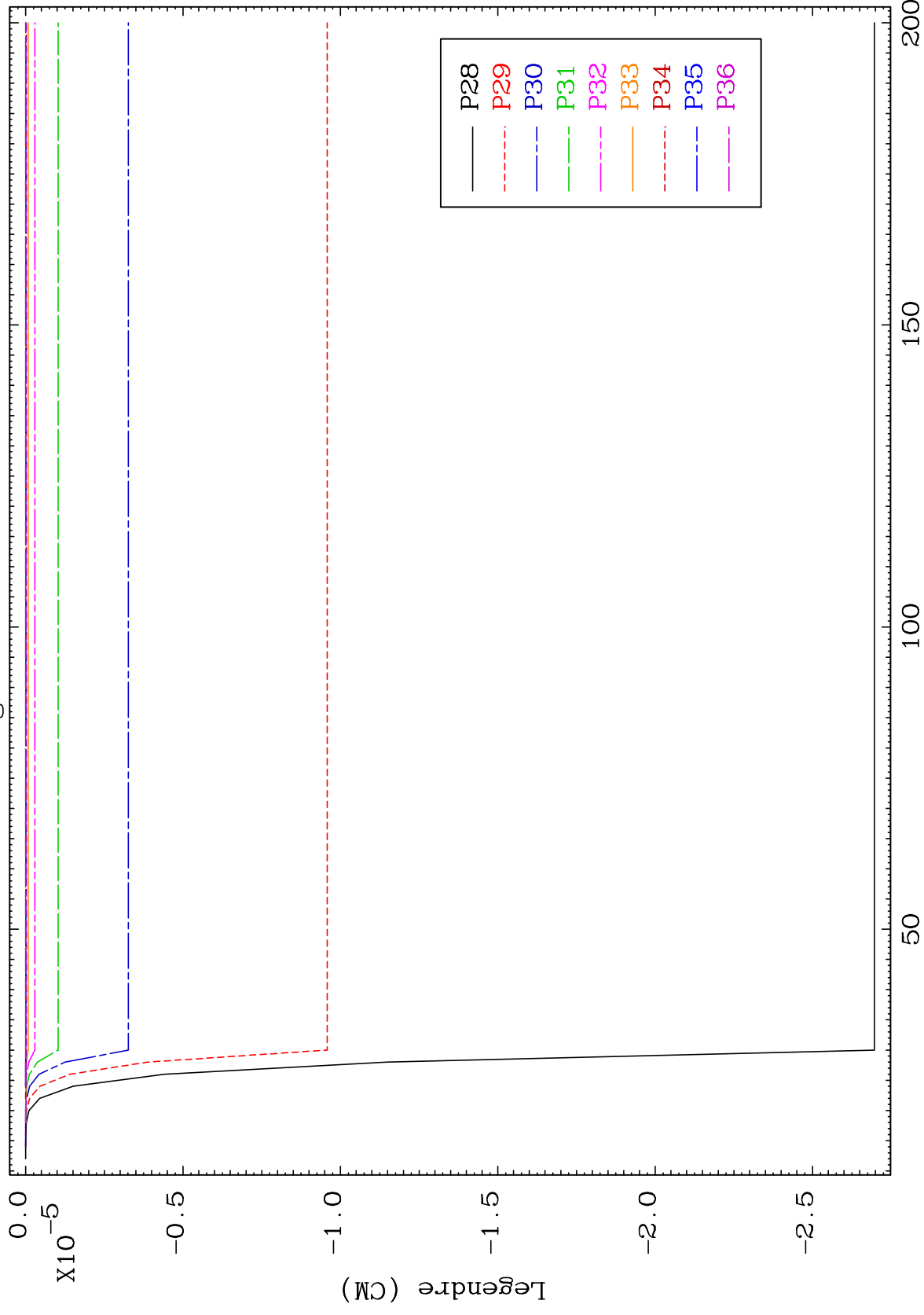
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



43

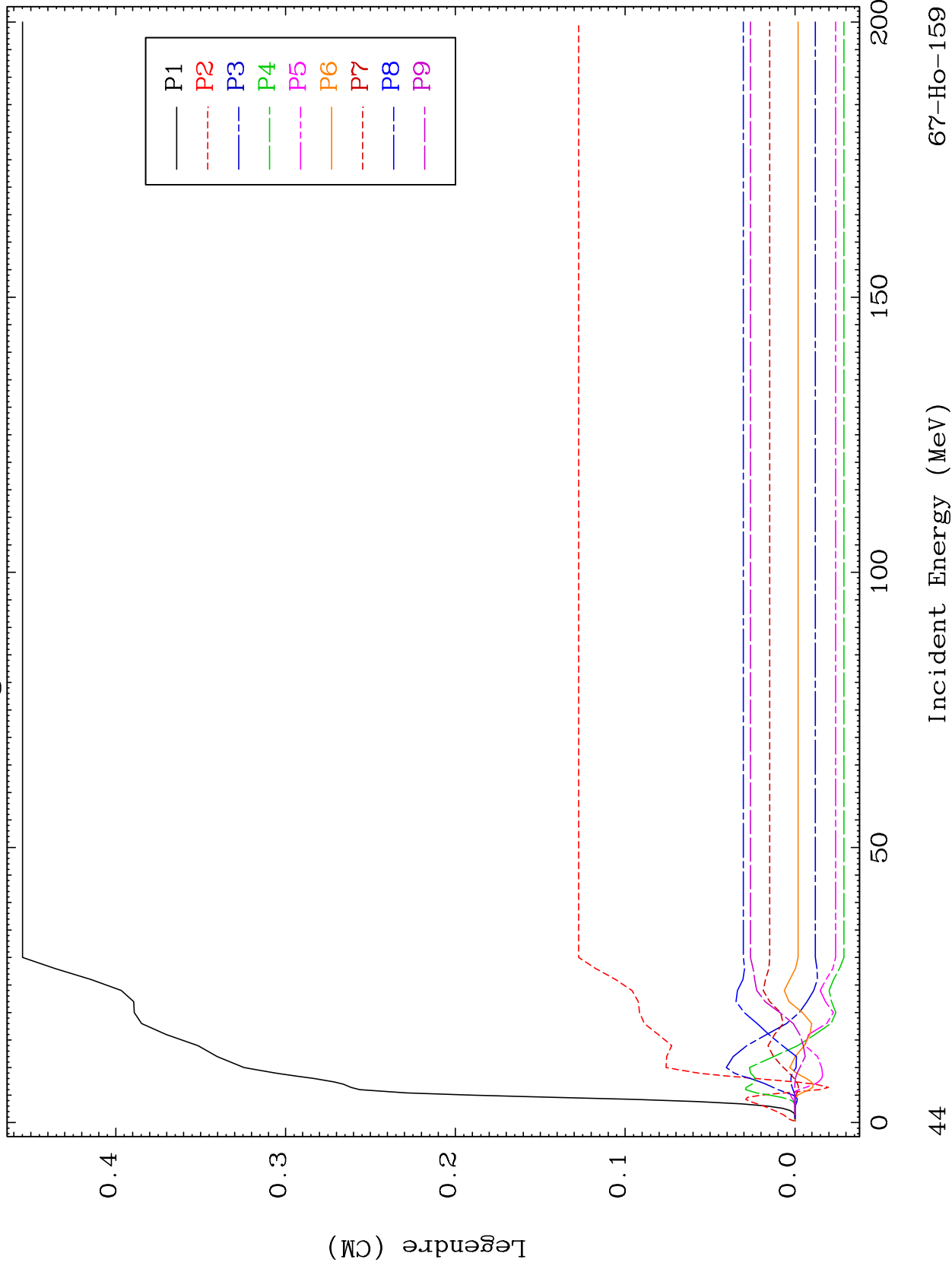
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



44

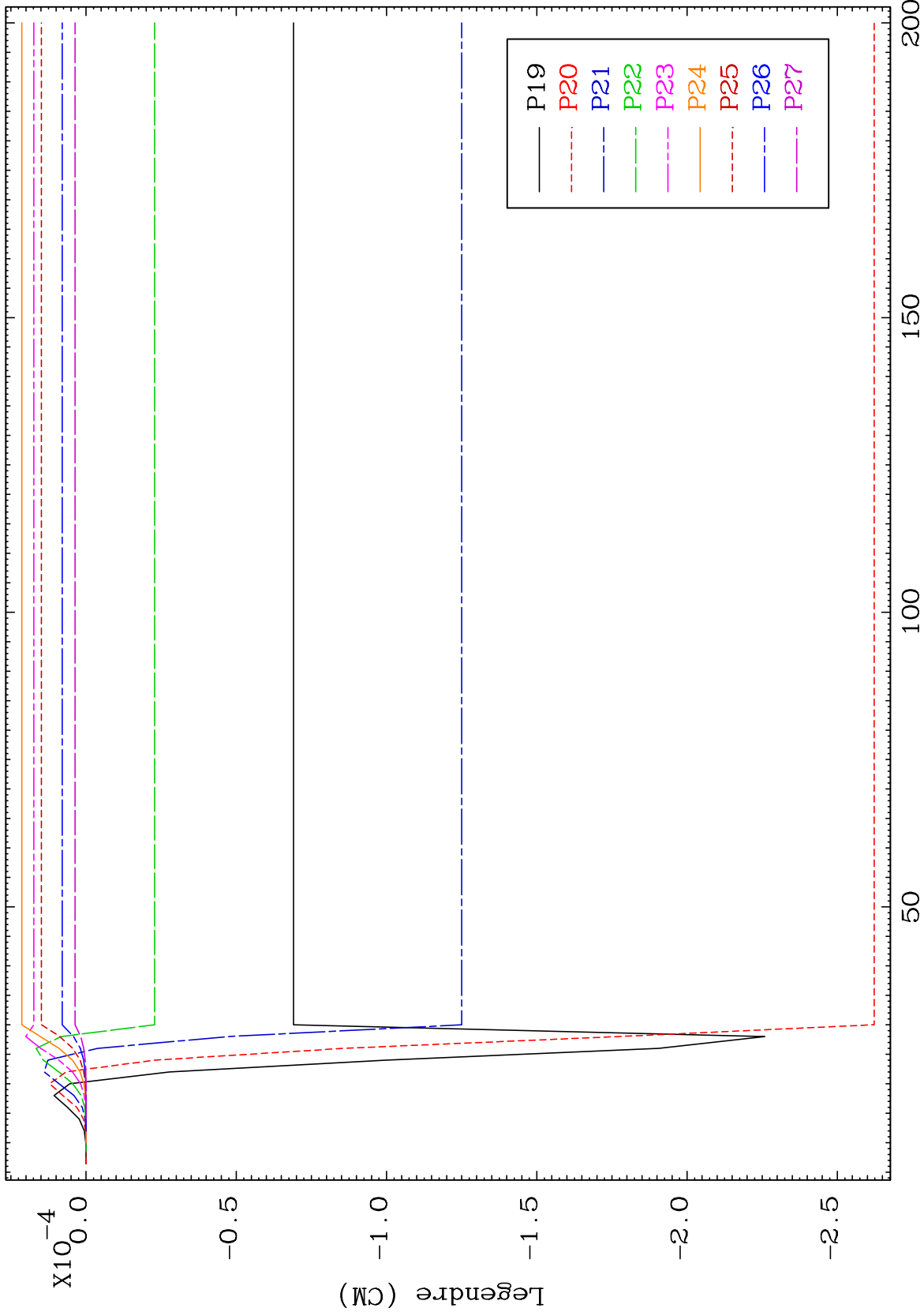
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



46

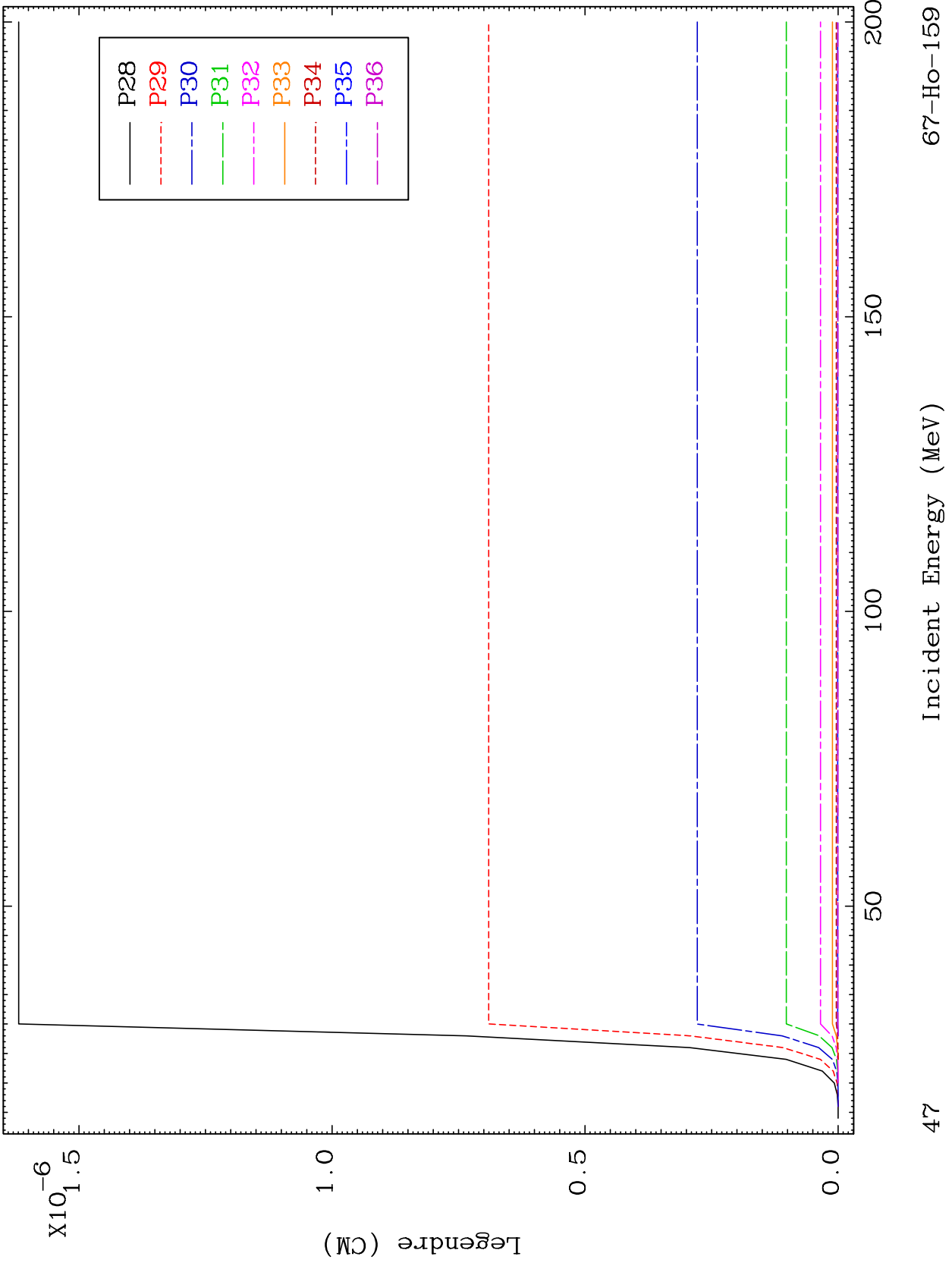
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

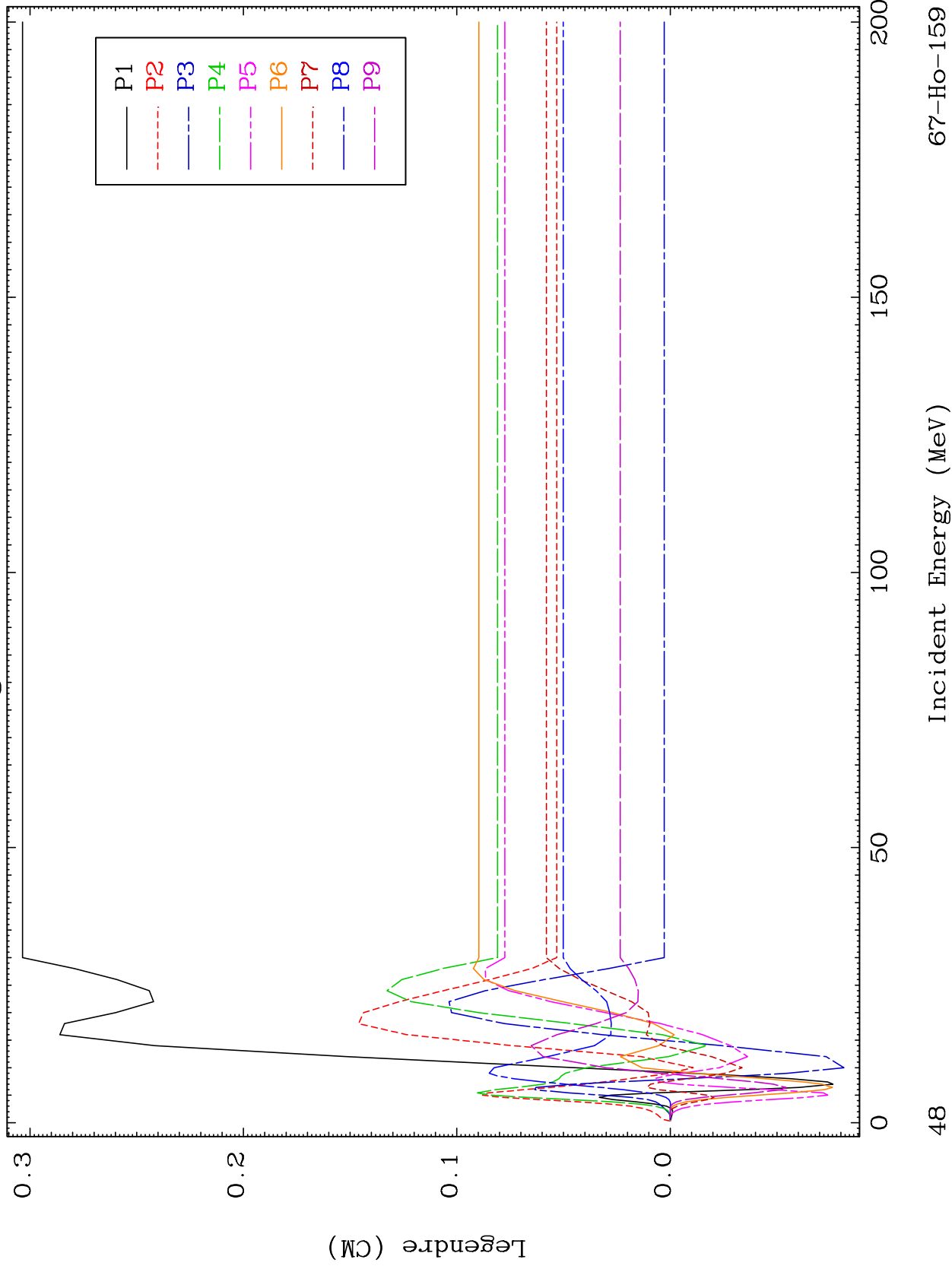
67-Ho-159



MAT 6707

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

67-Ho-159



67-Ho-159

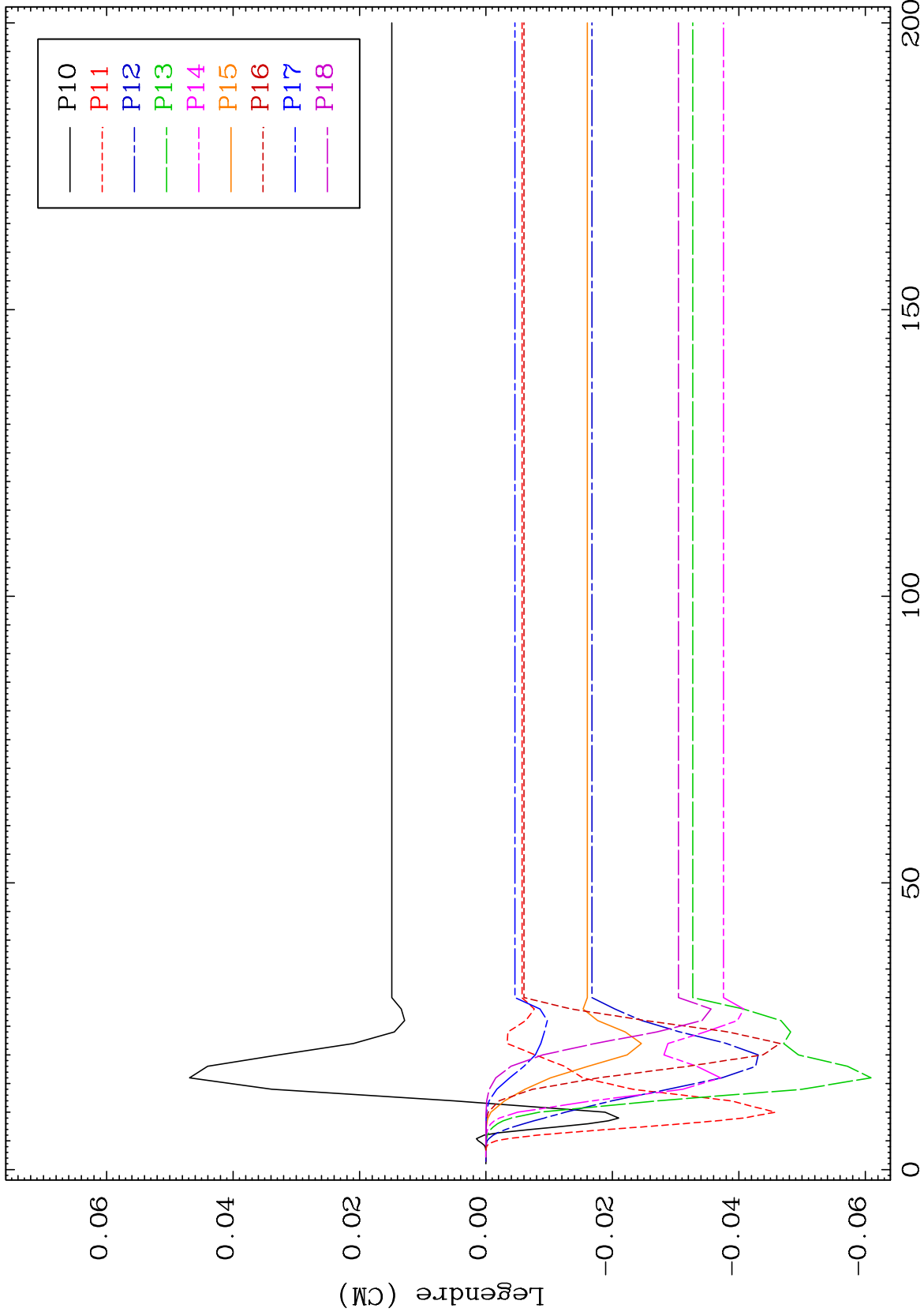
Incident Energy (MeV)

48

MAT 6707

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

67-Ho-159



49

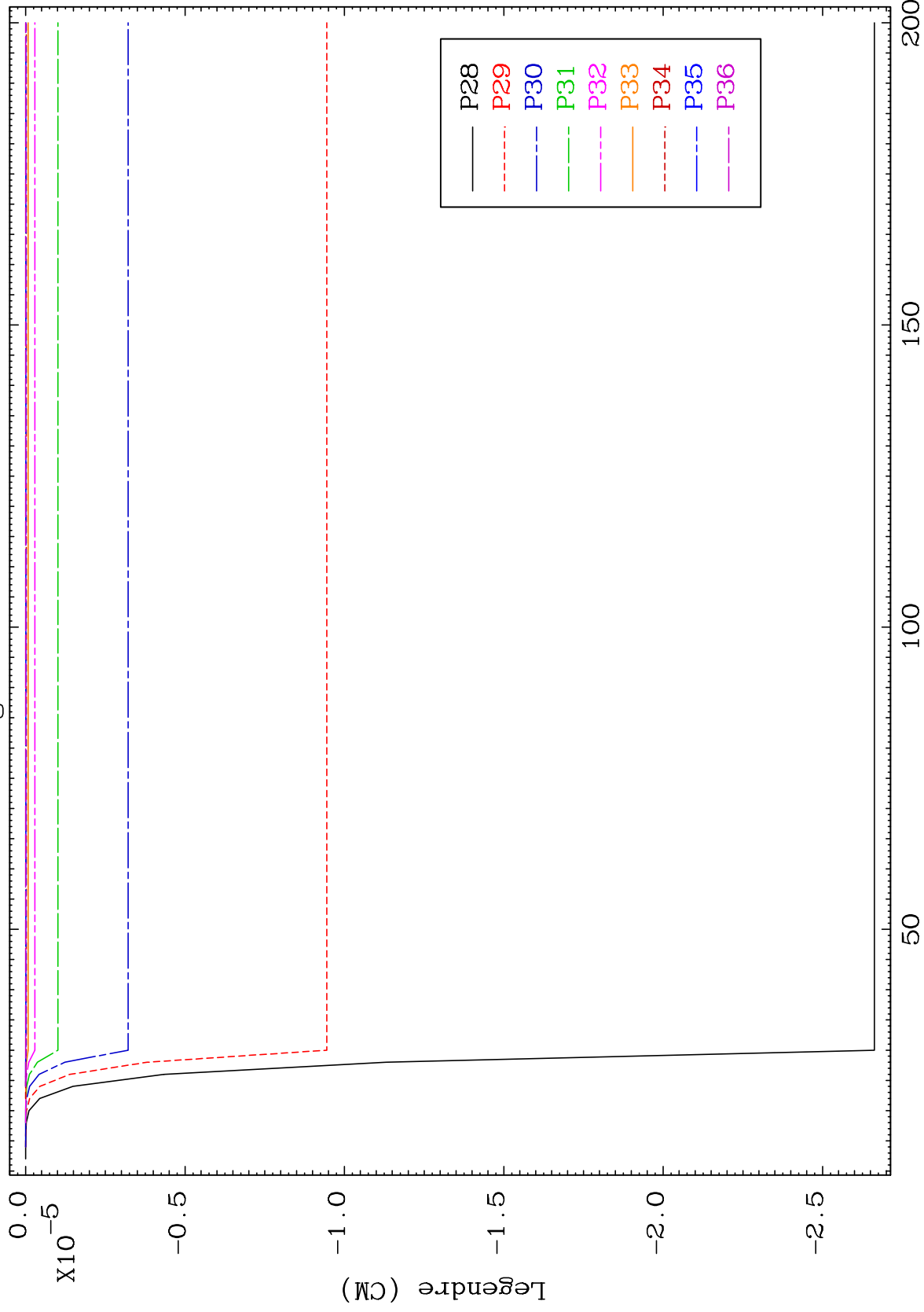
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



51

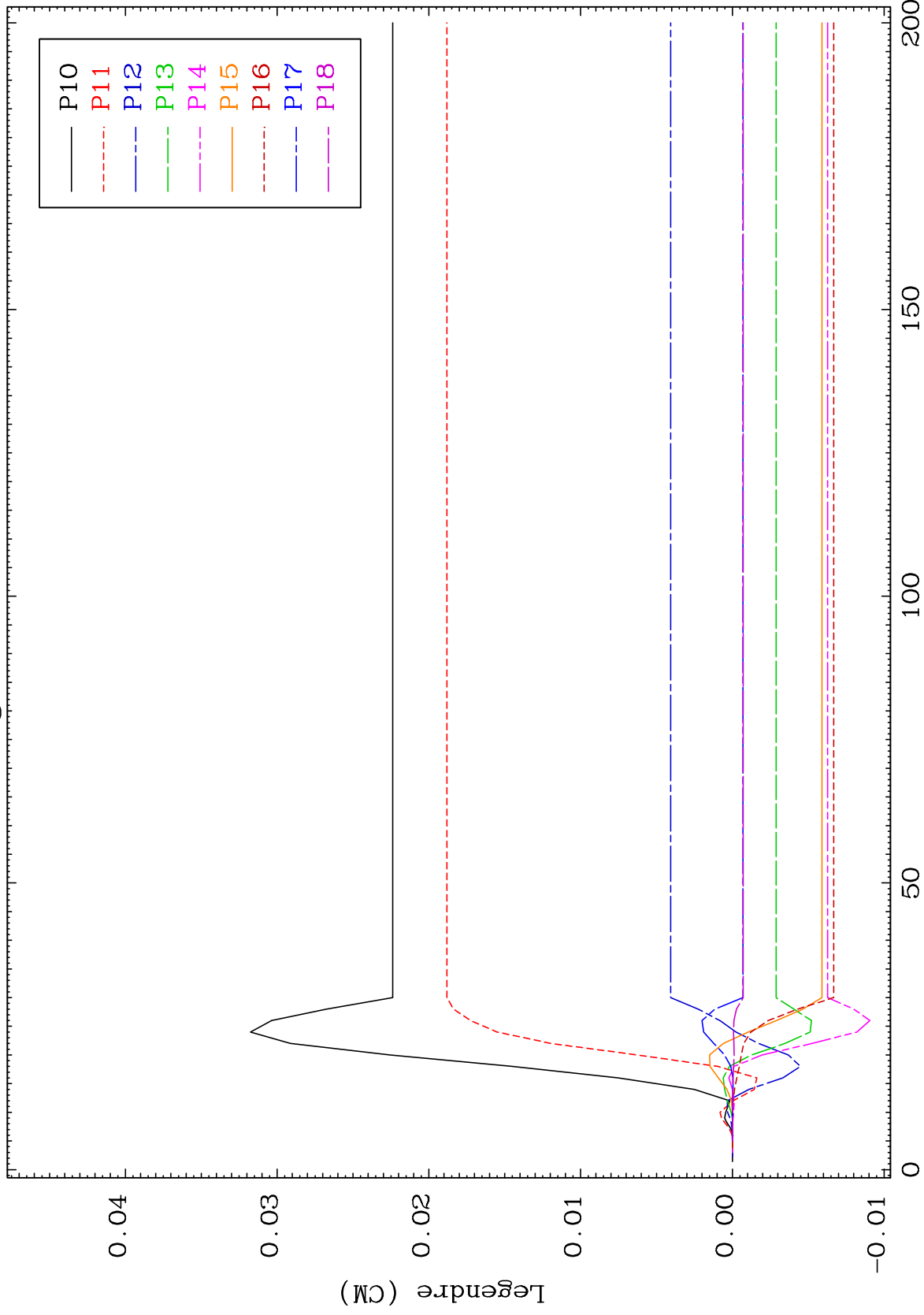
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



53

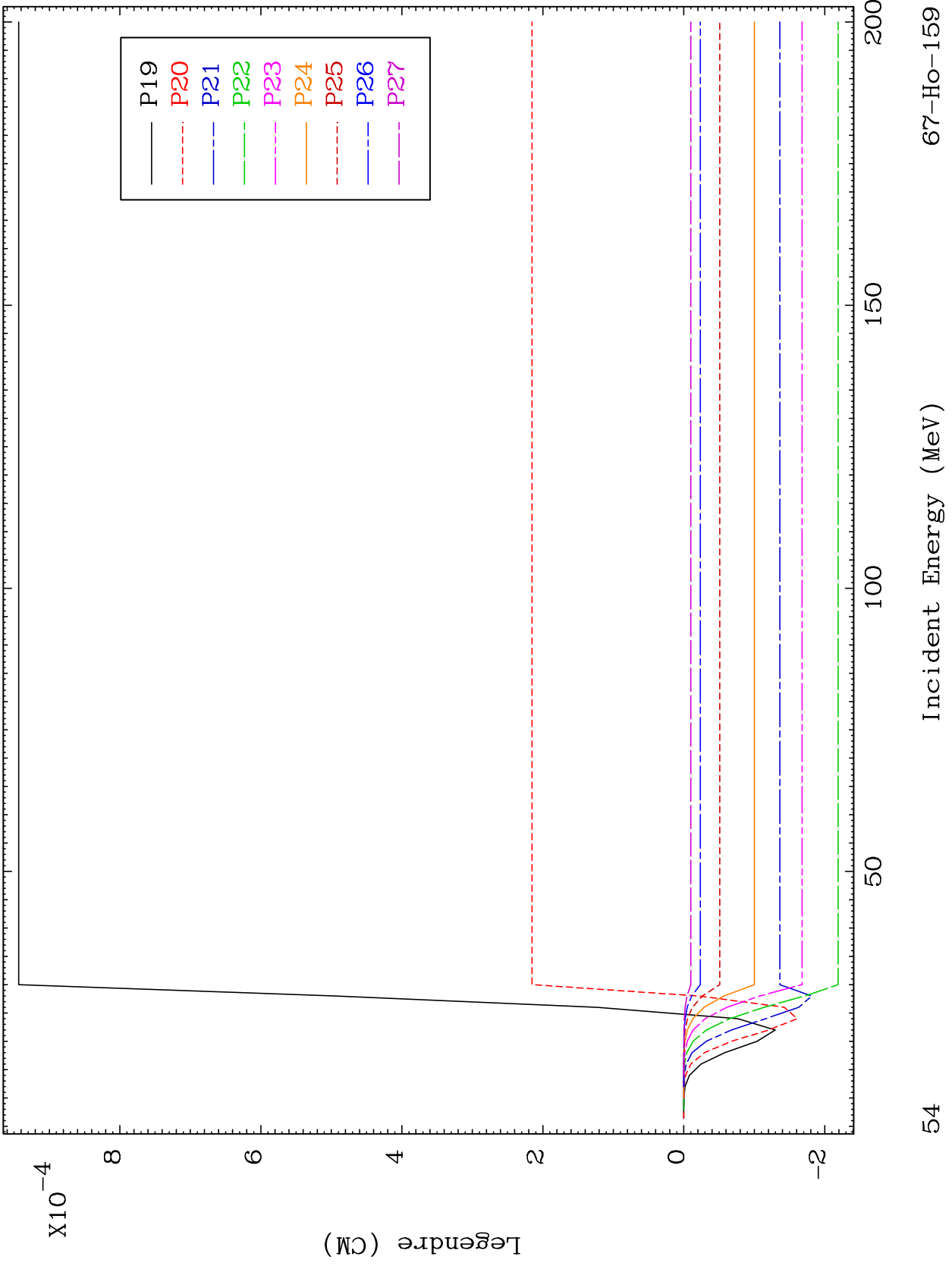
Incident Energy (MeV)

67-Ho-159

MAT 6707

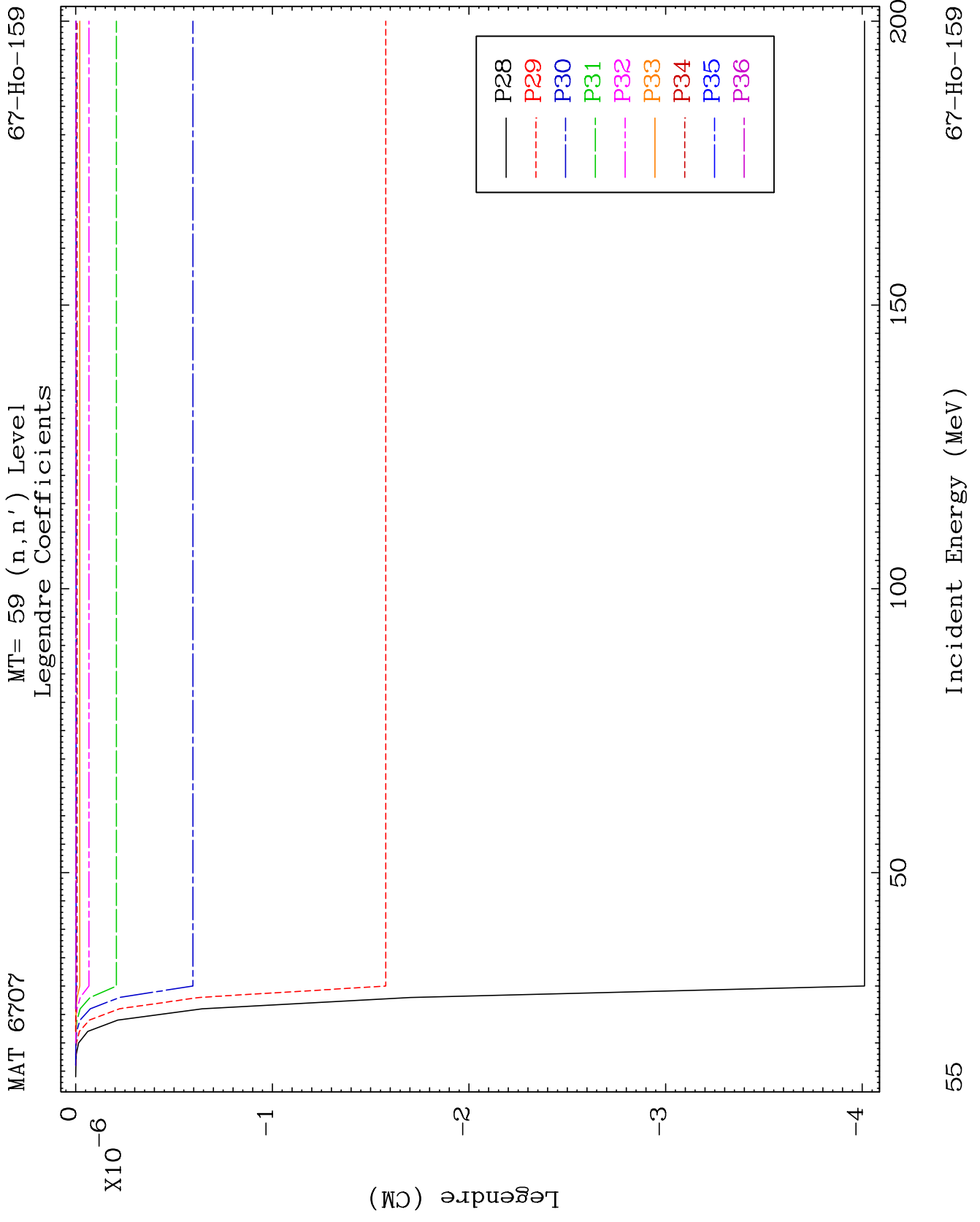
MT= 59 (n,n') Level
Legendre Coefficients

67-Ho-159



54

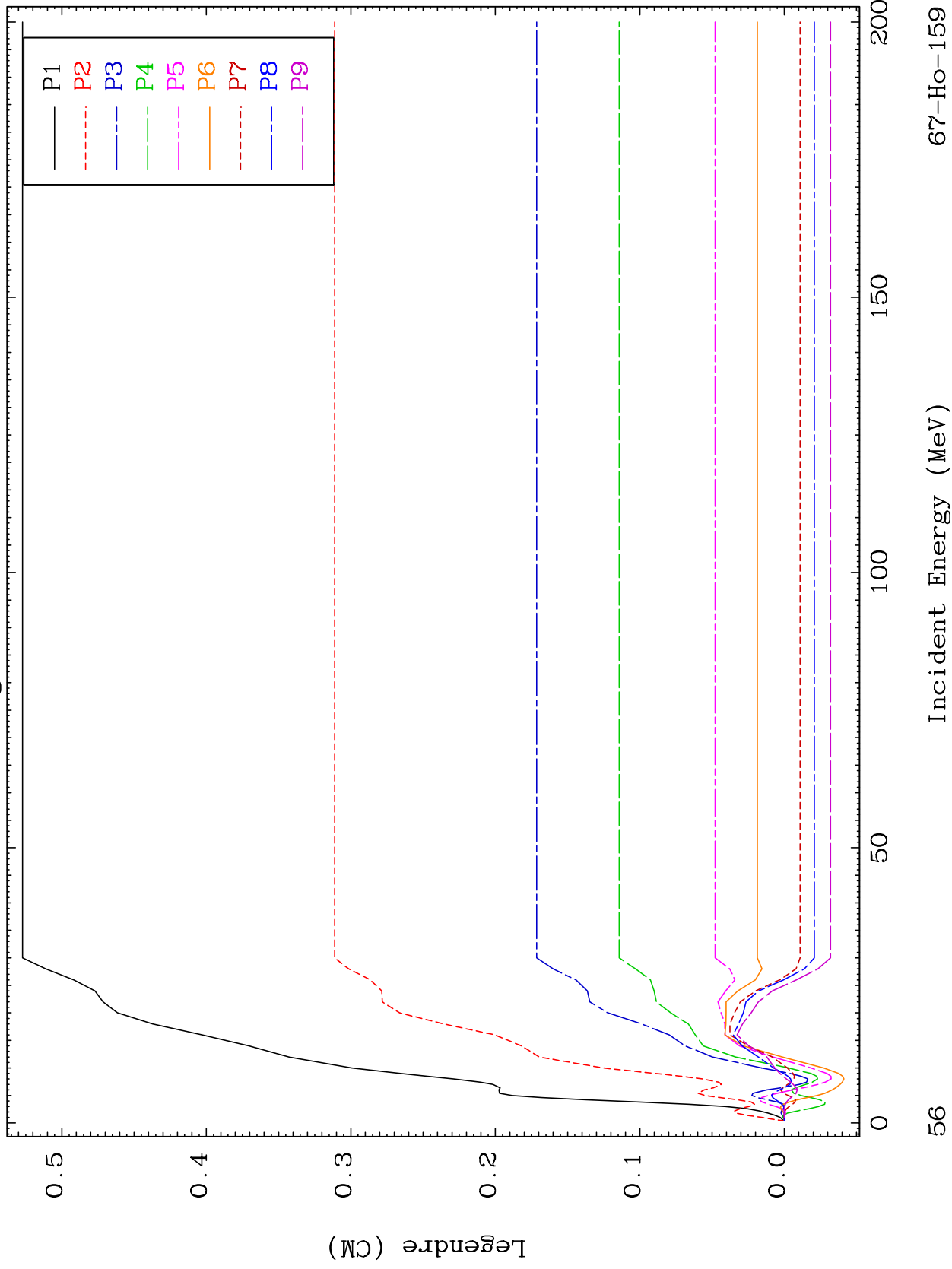
67-Ho-159



MAT 6707

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

67-Ho-159



67-Ho-159

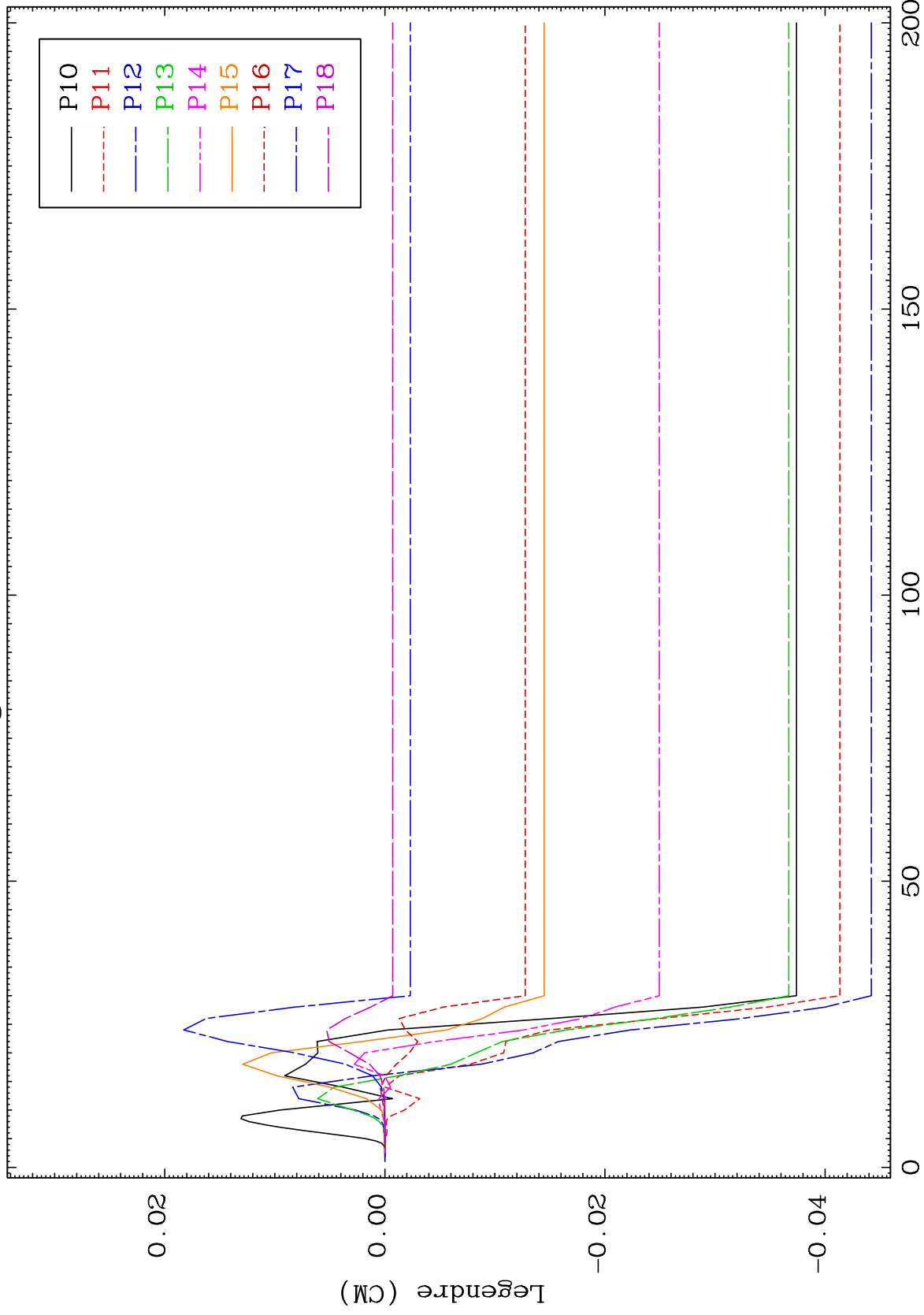
Incident Energy (MeV)

56

MAT 6707

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

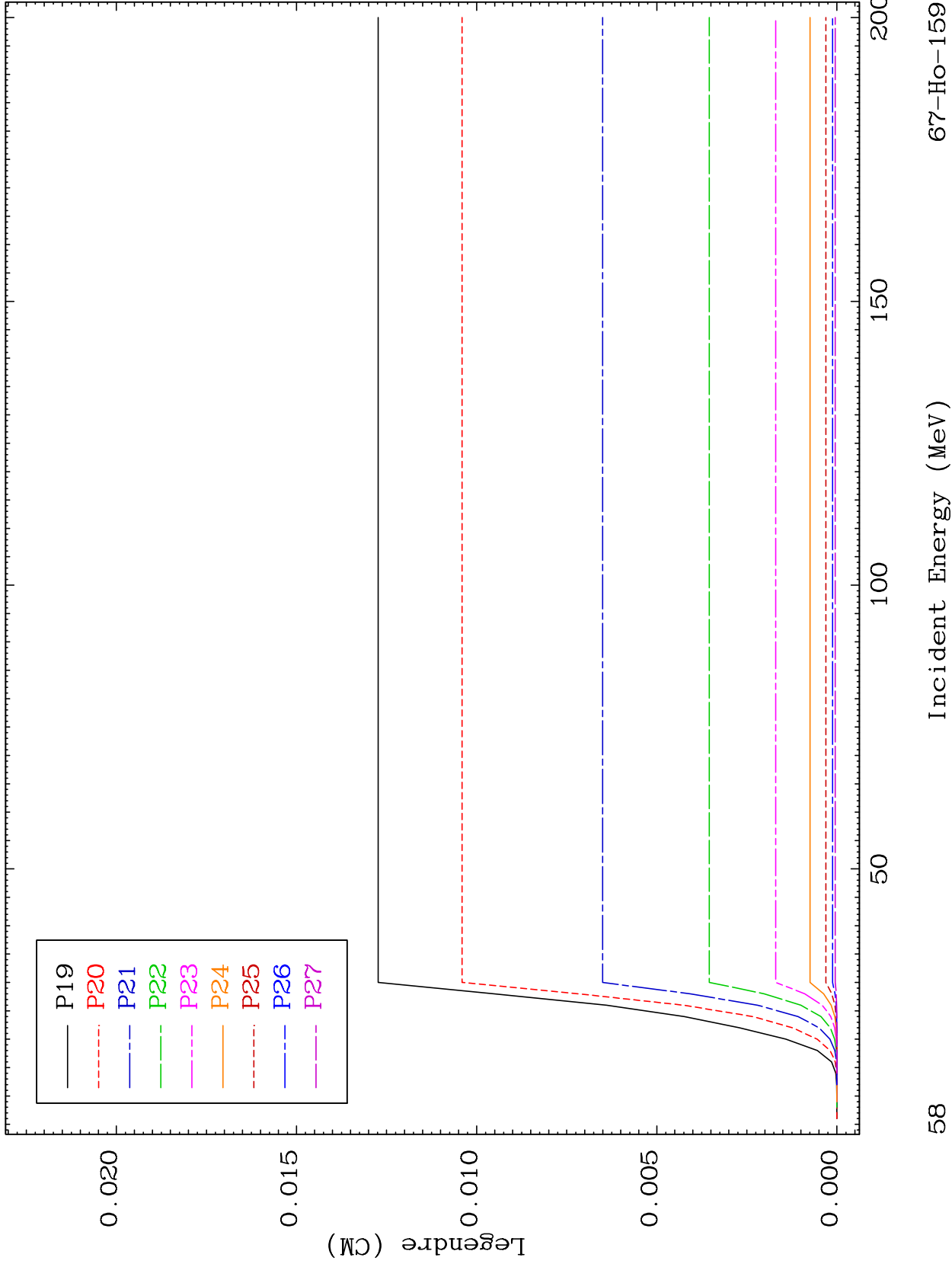
67-Ho-159



57

Incident Energy (MeV)

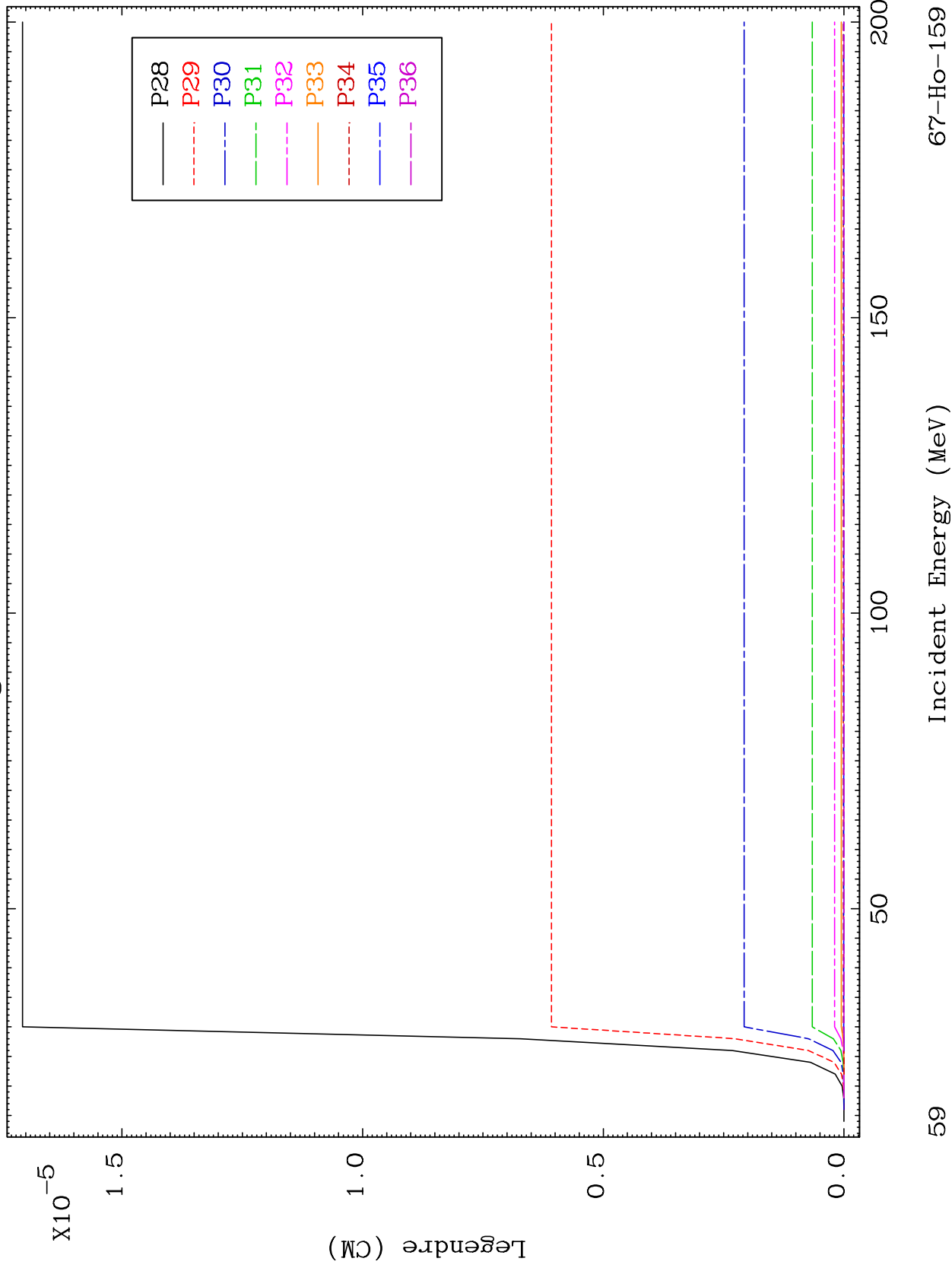
67-Ho-159



MAT 6707

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

67-Ho-159



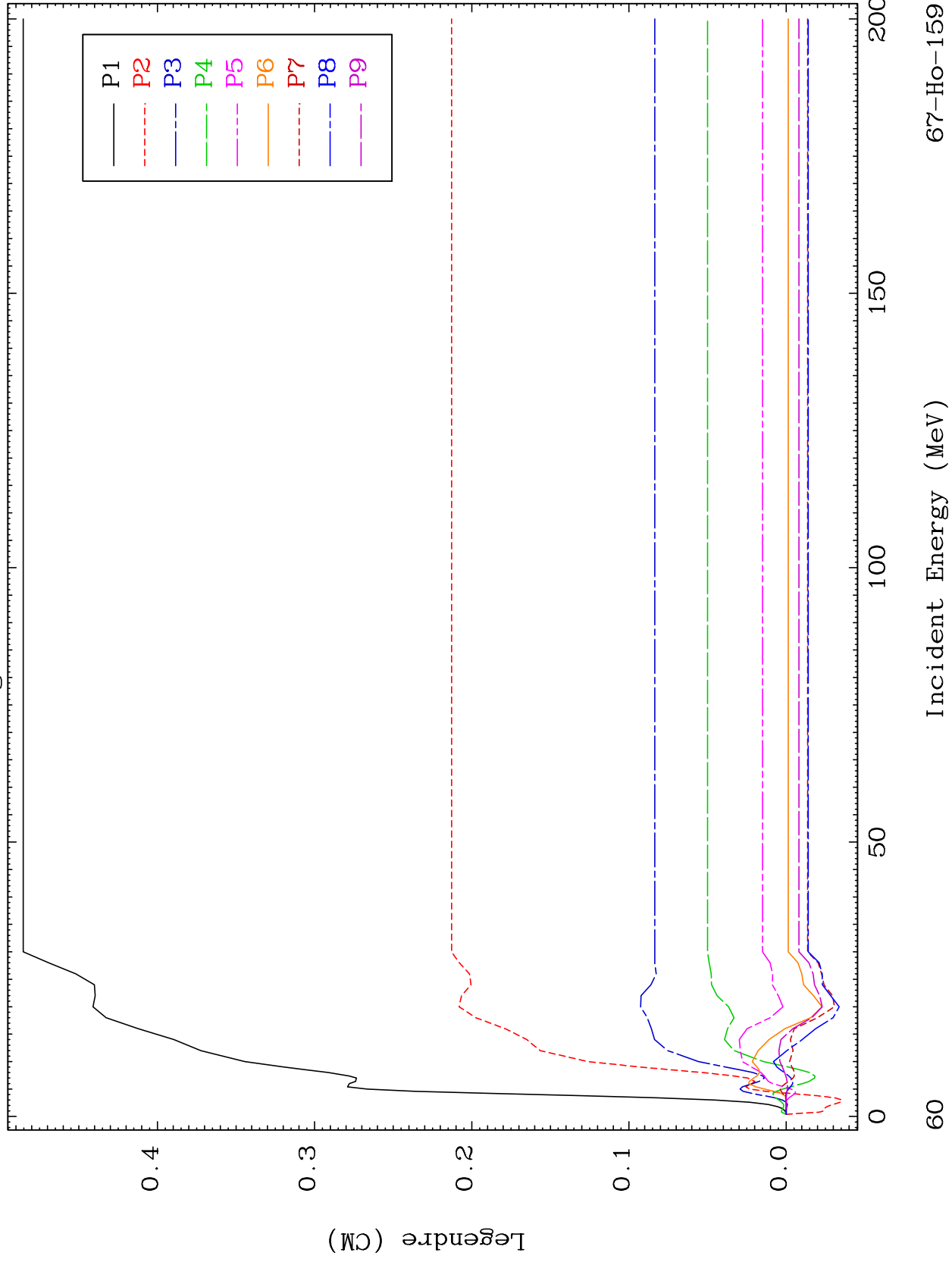
59

67-Ho-159

MAT 6707

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

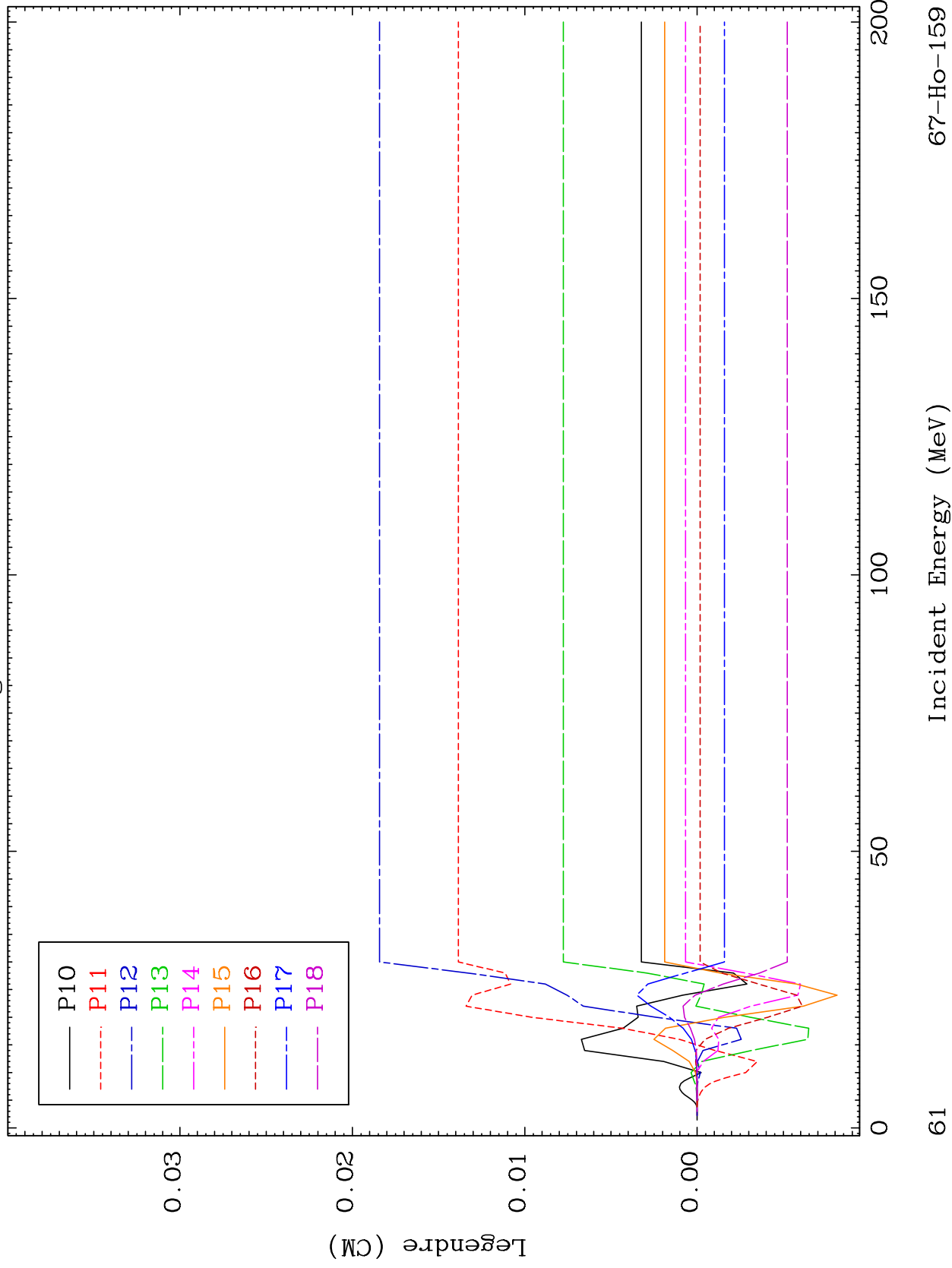
67-Ho-159



MAT 6707

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

67-Ho-159



61

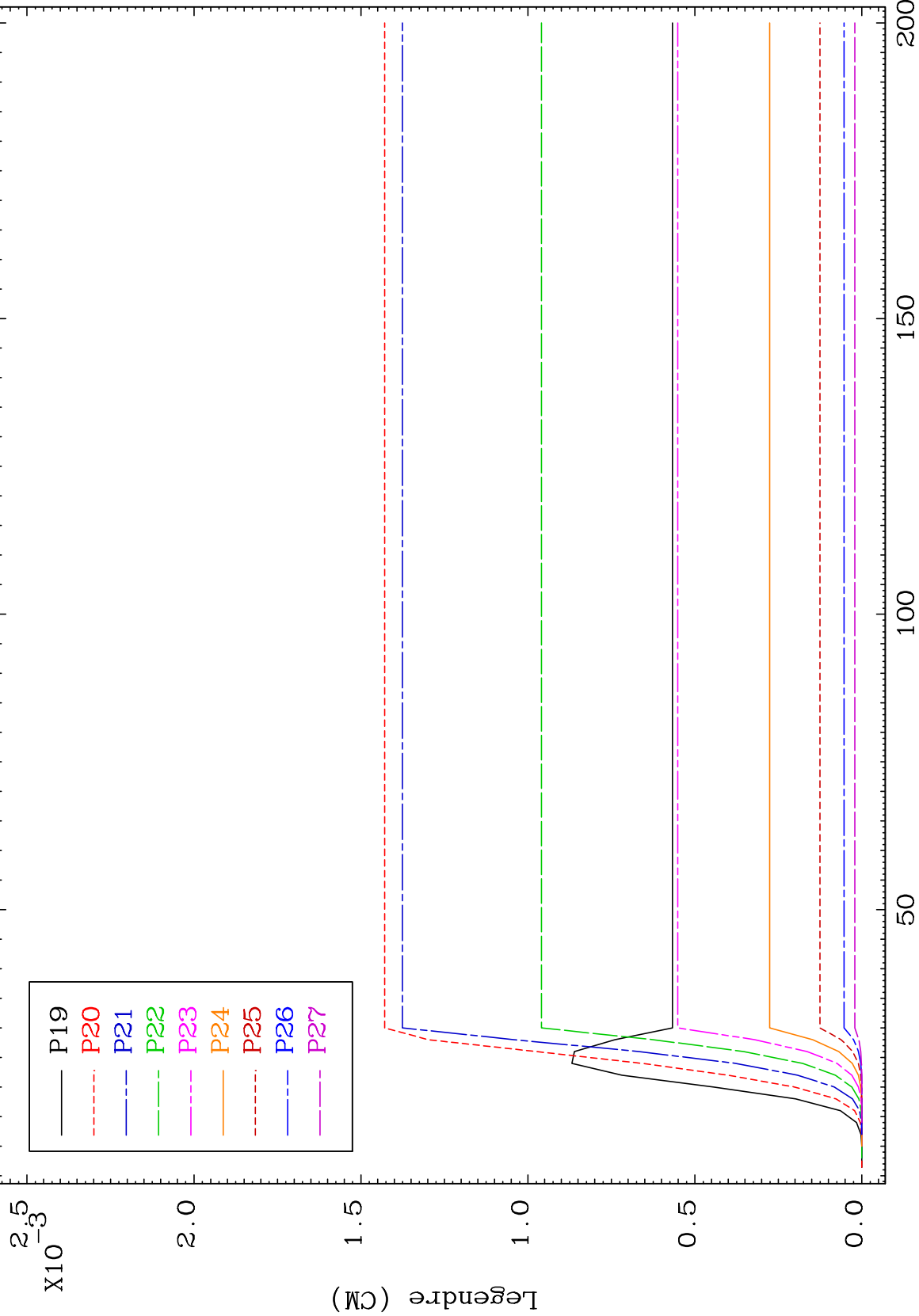
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



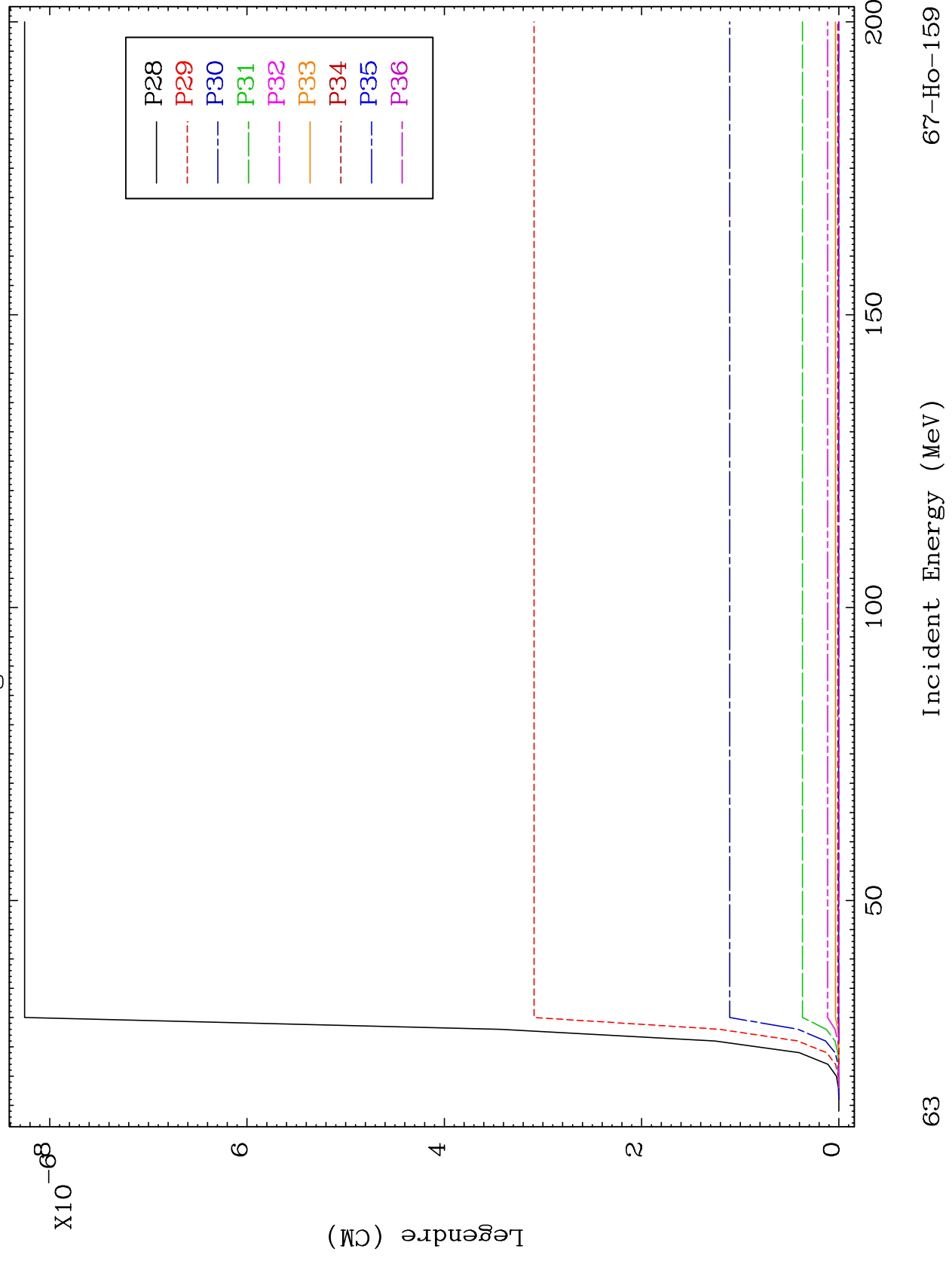
62

67-Ho-159

MAT 6707

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

67-Ho-159



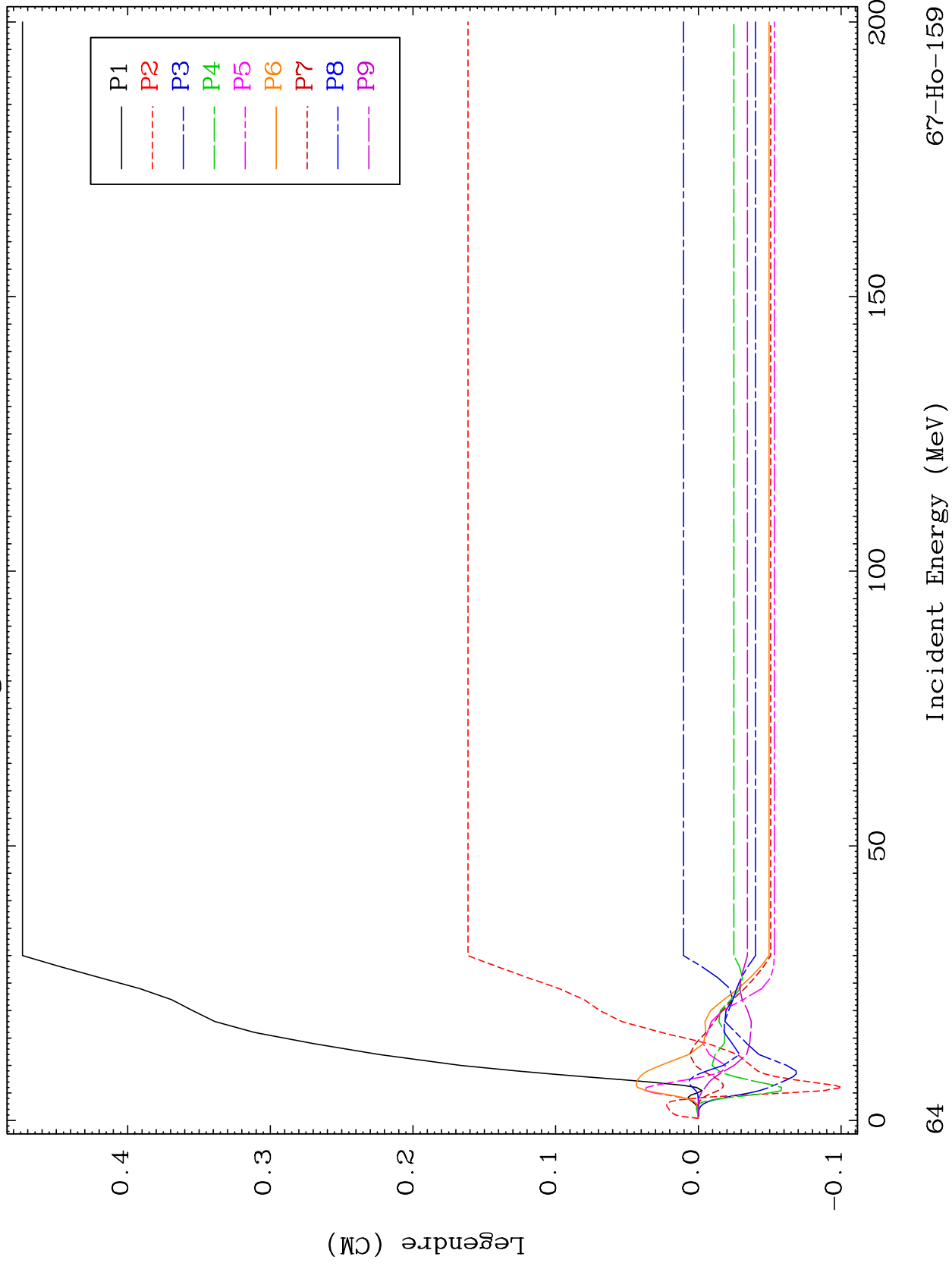
63

67-Ho-159

MAT 6707

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

67-Ho-159



67-Ho-159

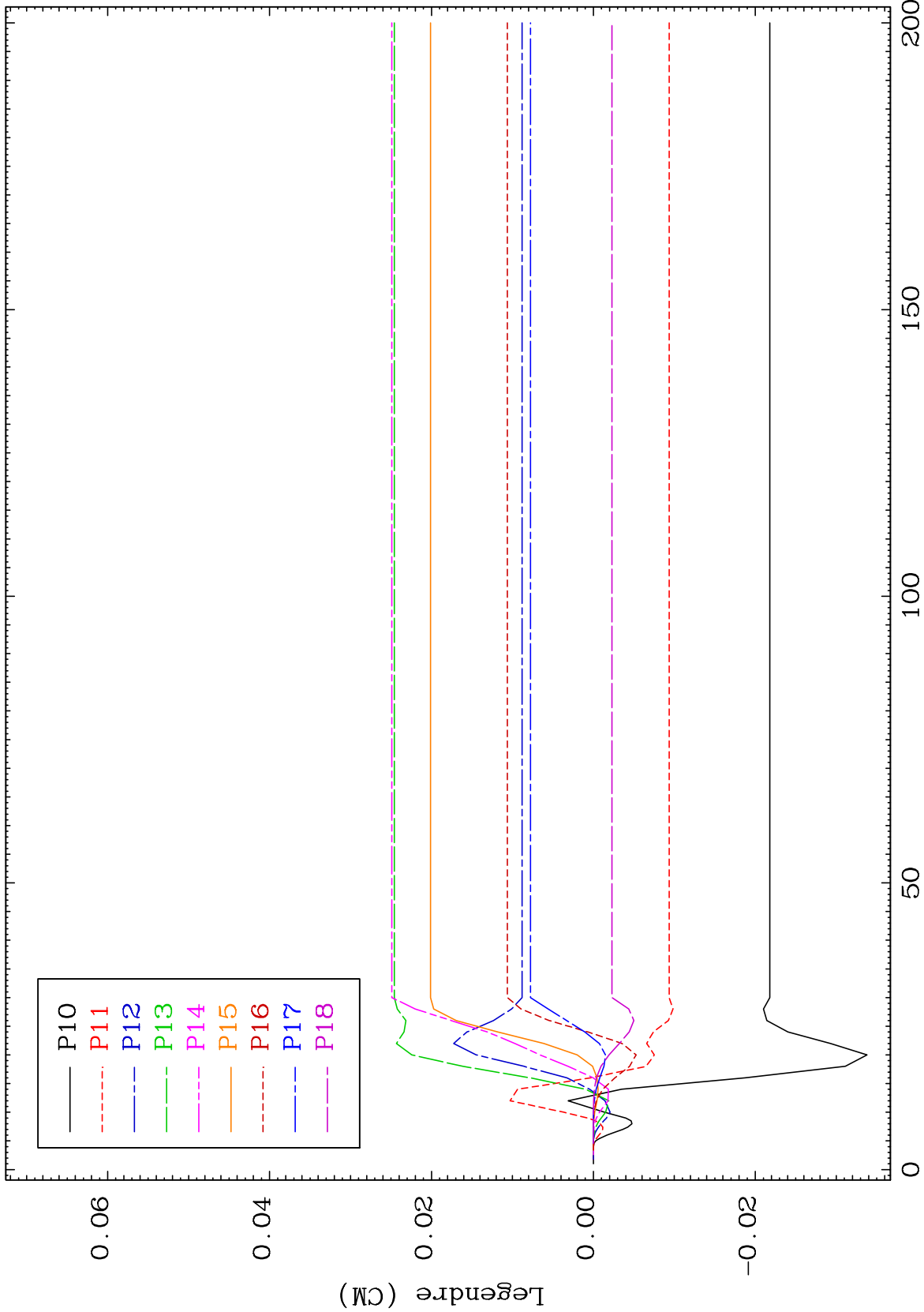
Incident Energy (MeV)

64

MAT 6707

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

67-Ho-159



65

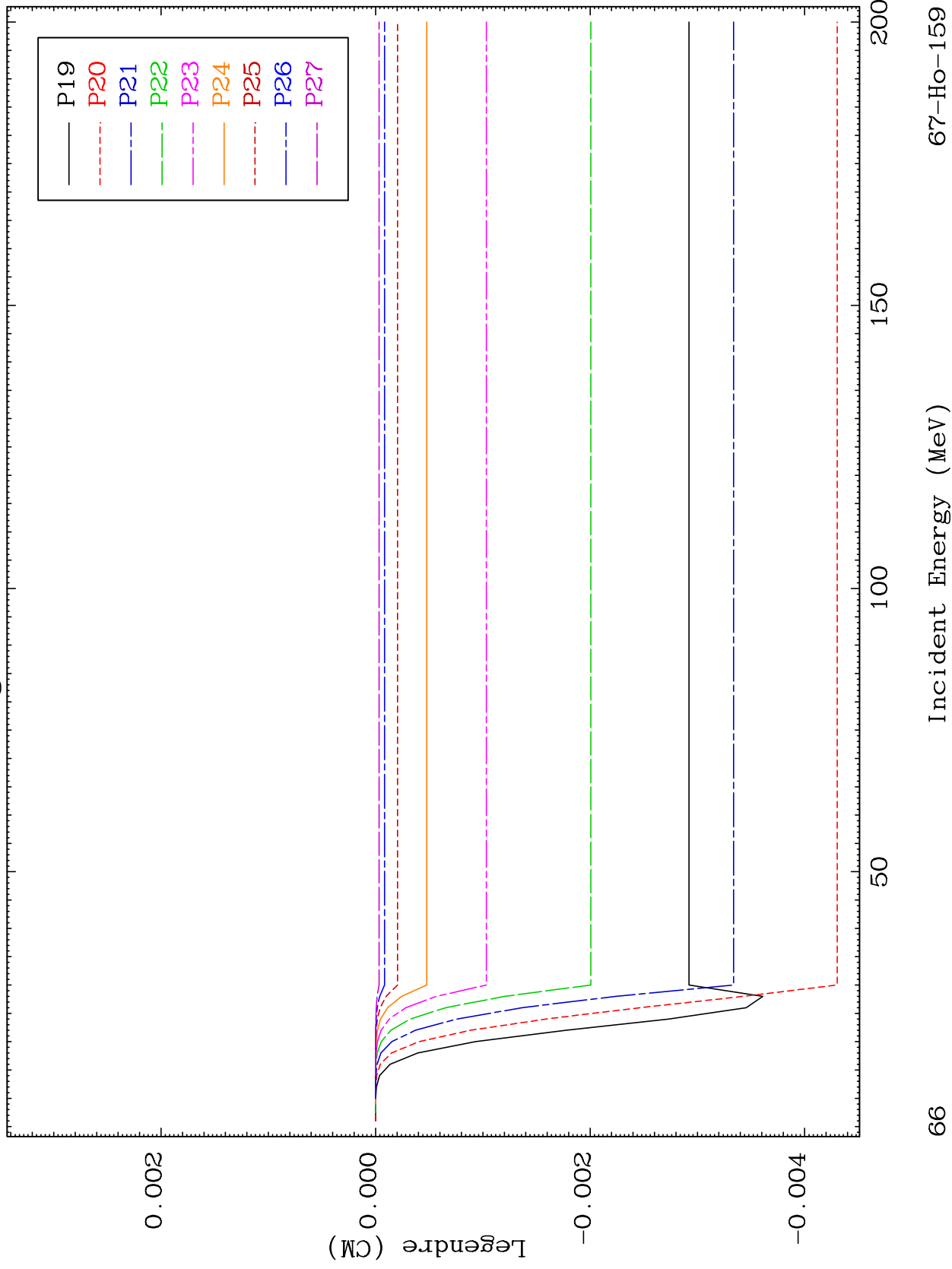
Incident Energy (MeV)

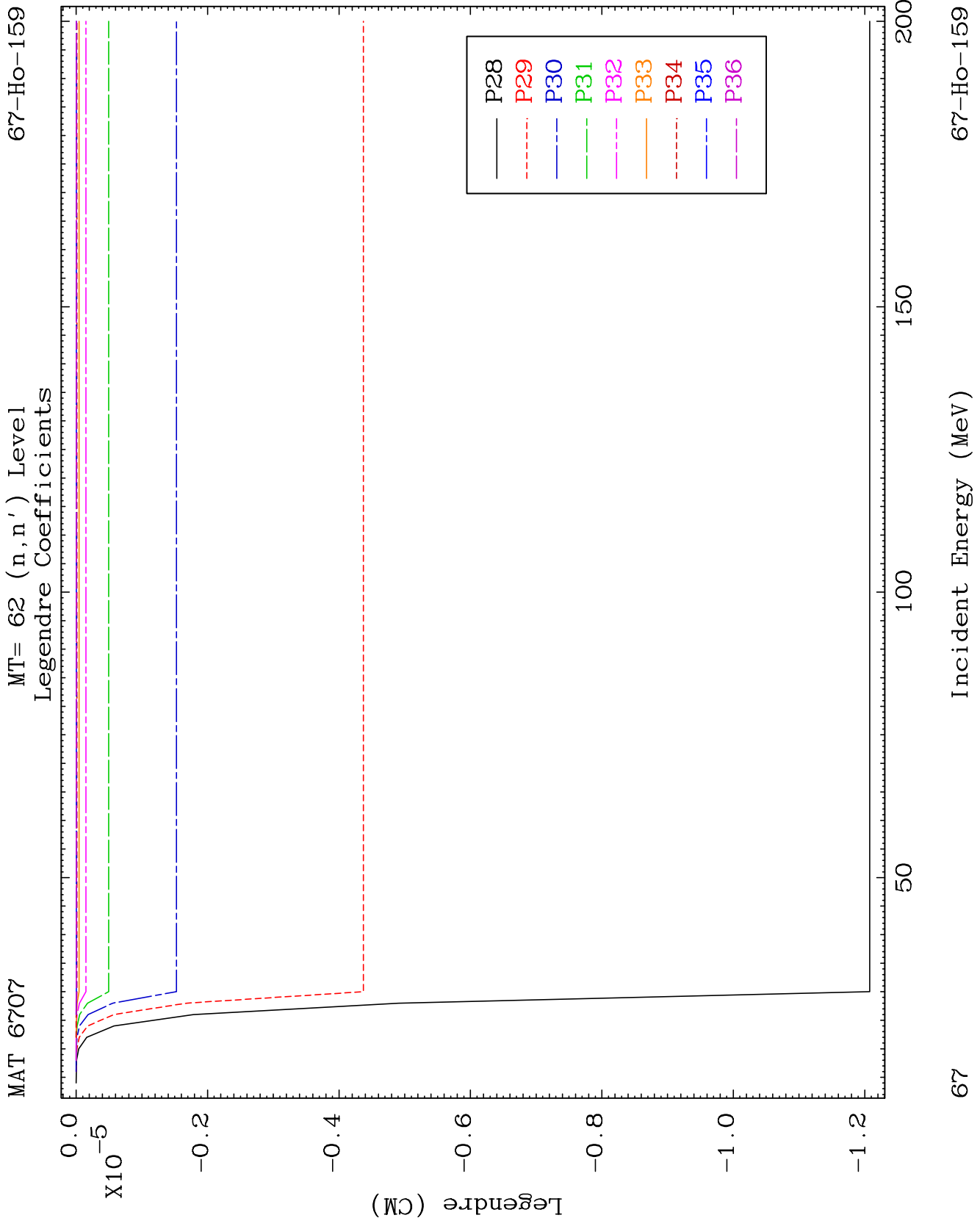
67-Ho-159

MAT 6707

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

67-Ho-159

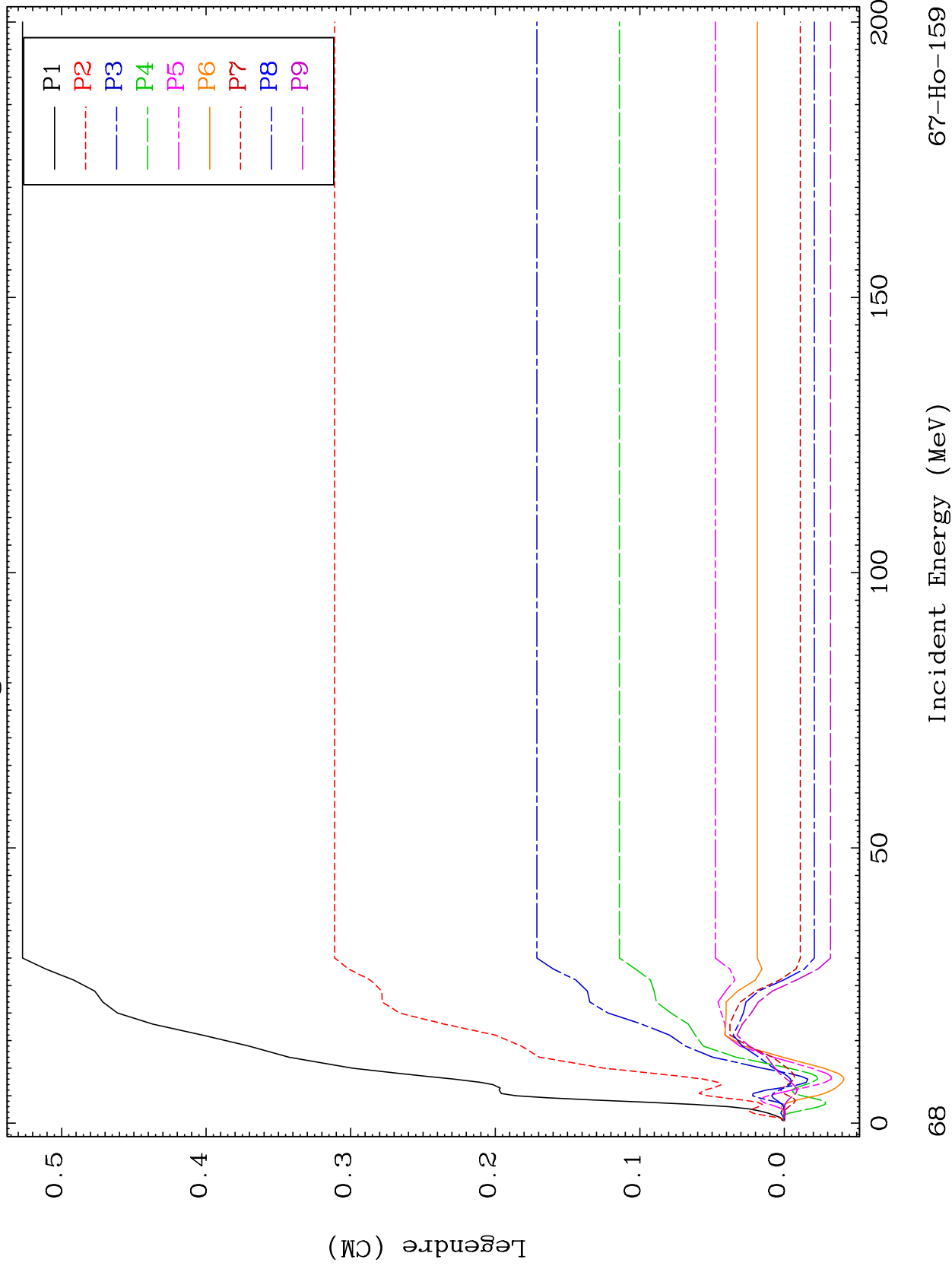




MAT 6707

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

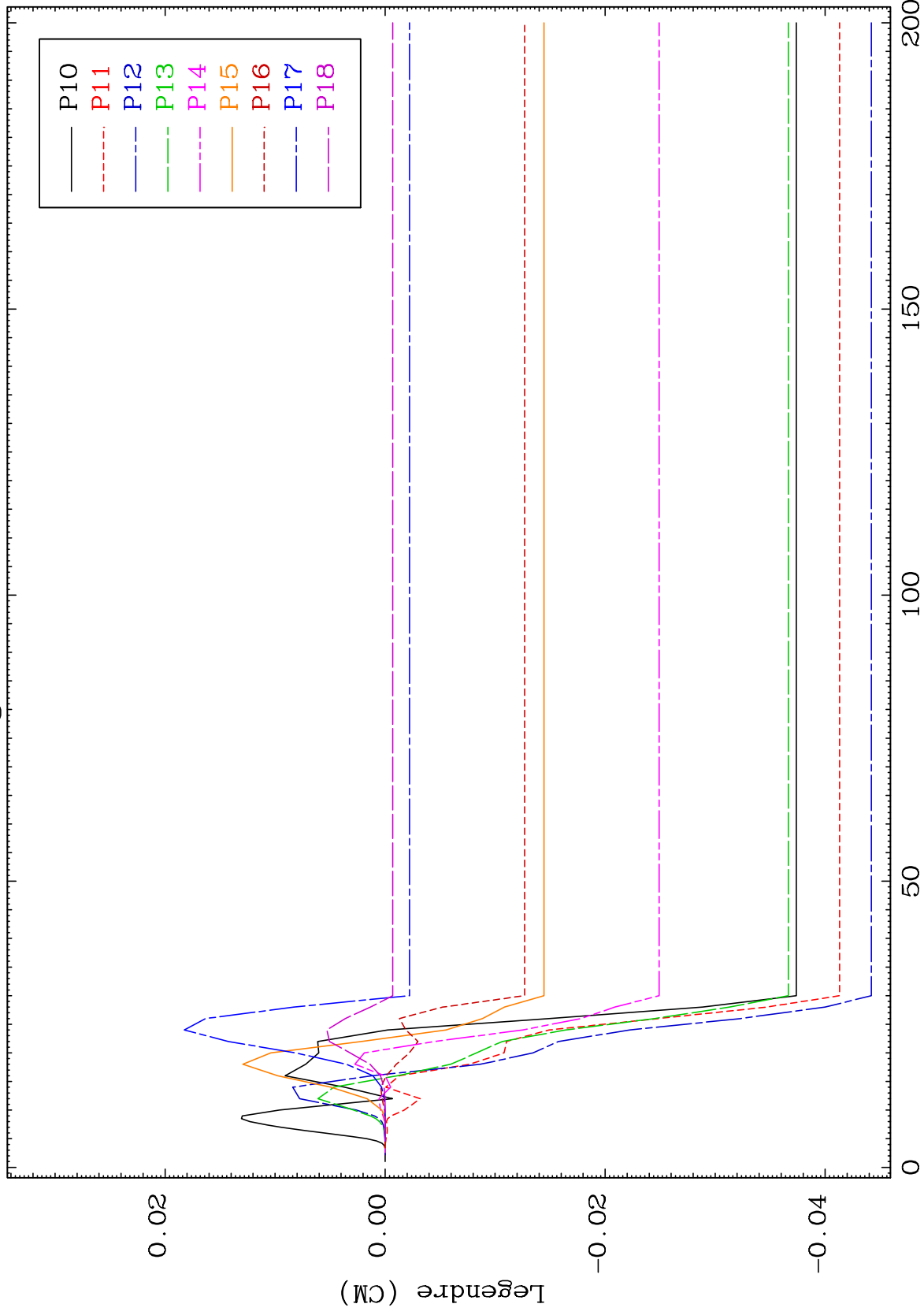
67-Ho-159



MAT 6707

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

67-Ho-159



69

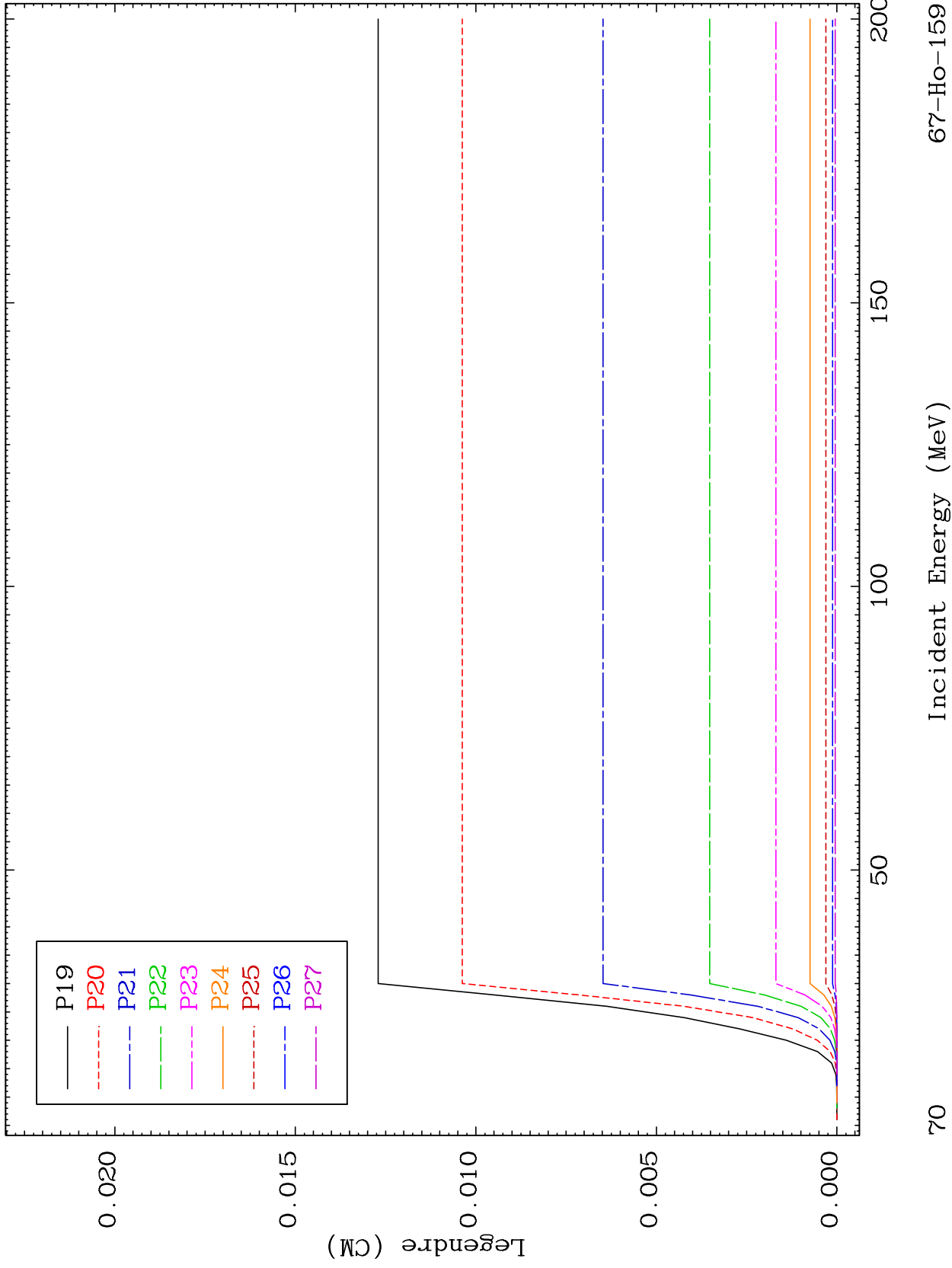
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



70

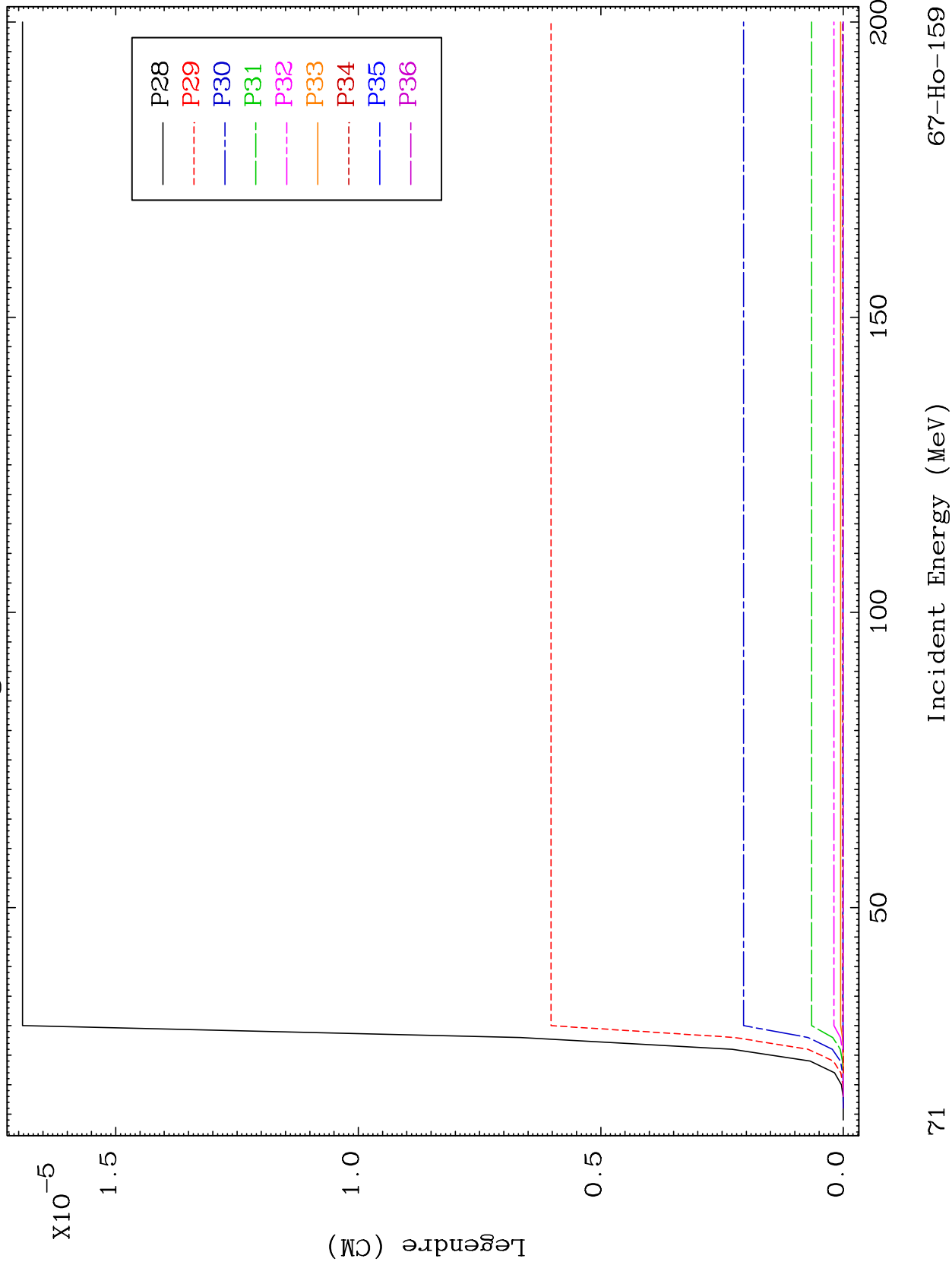
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

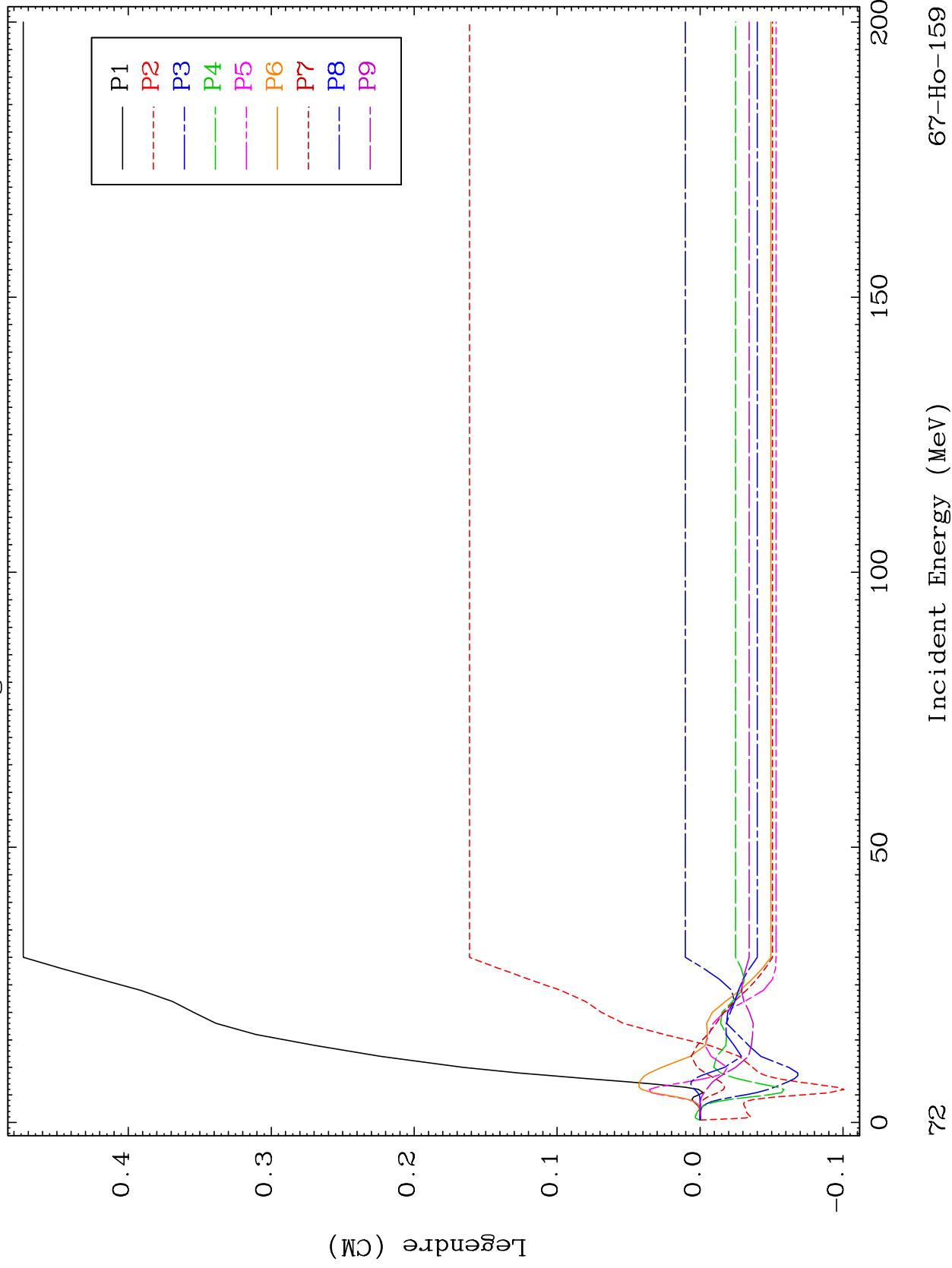
67-Ho-159



MAT 6707

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

67-Ho-159



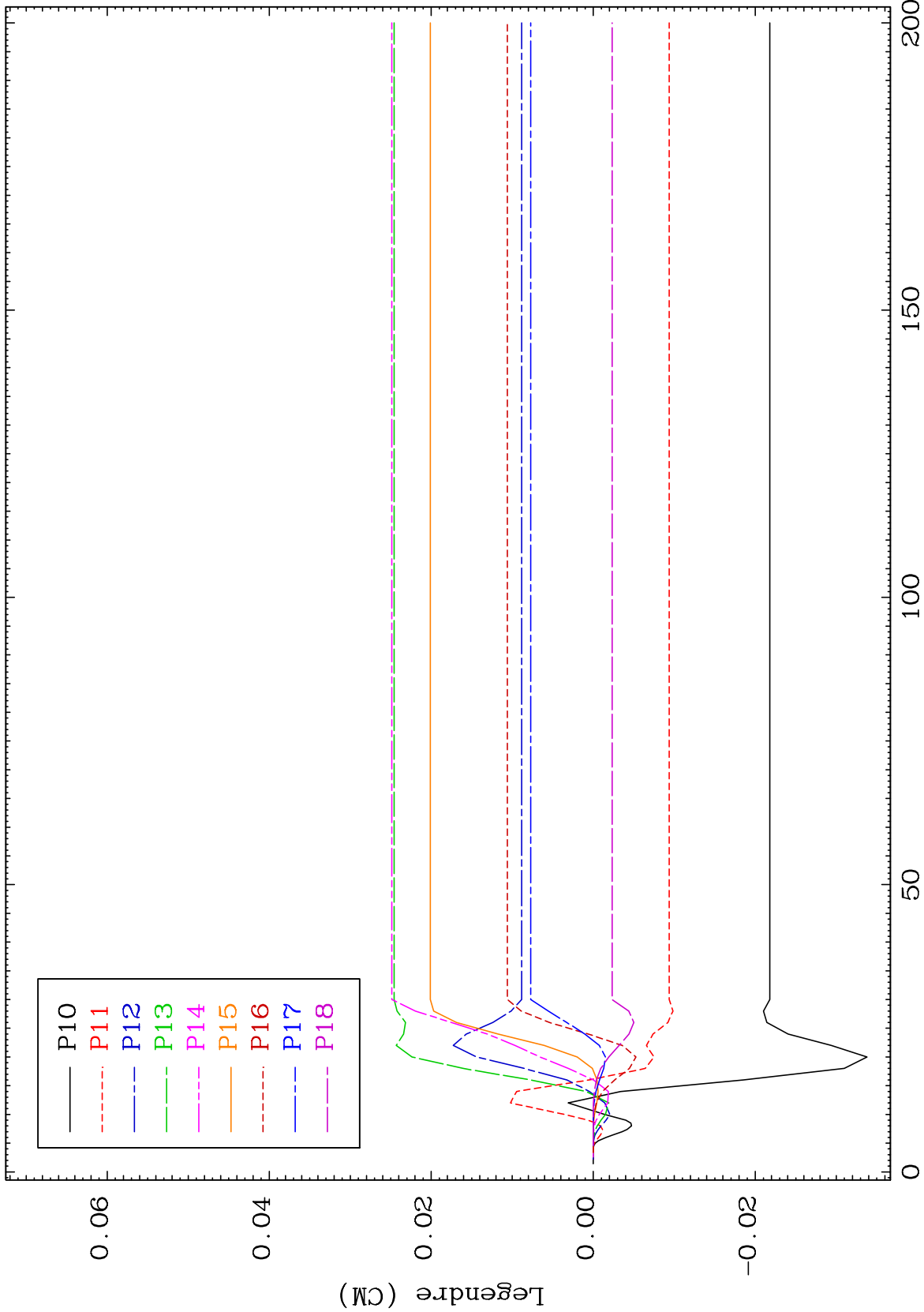
72

67-Ho-159

MAT 6707

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

67-Ho-159



73

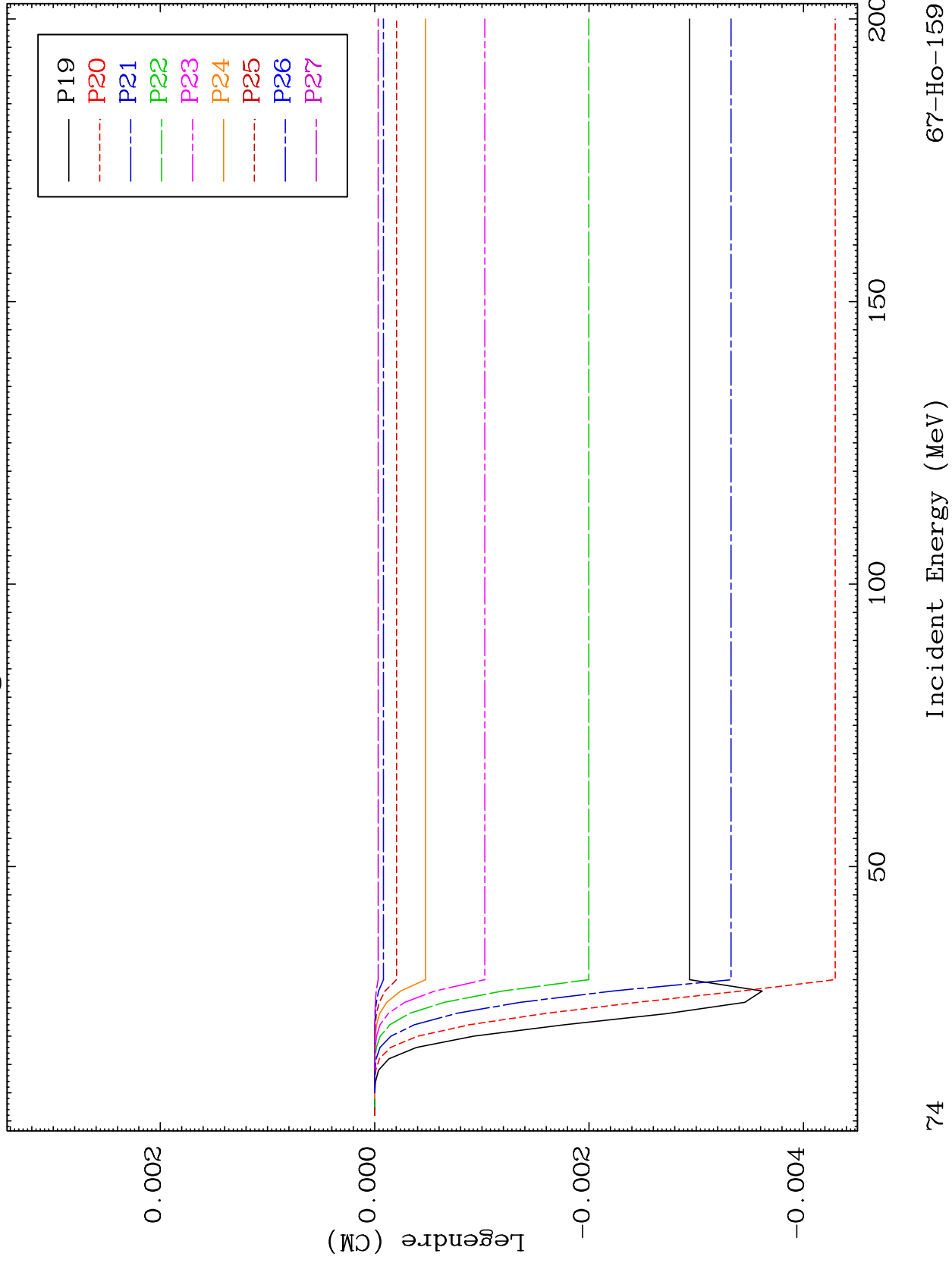
Incident Energy (MeV)

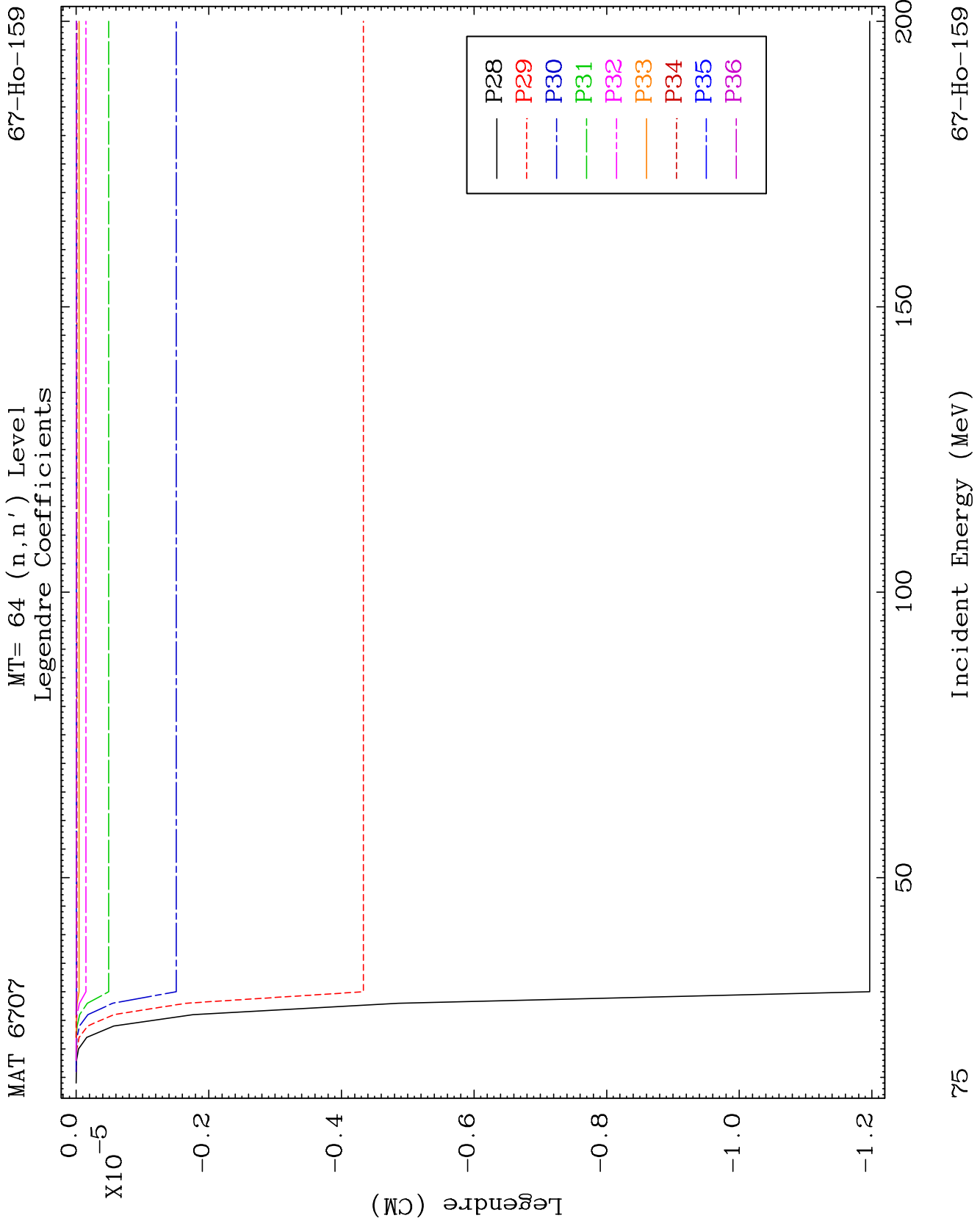
67-Ho-159

MAT 6707

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

67-Ho-159

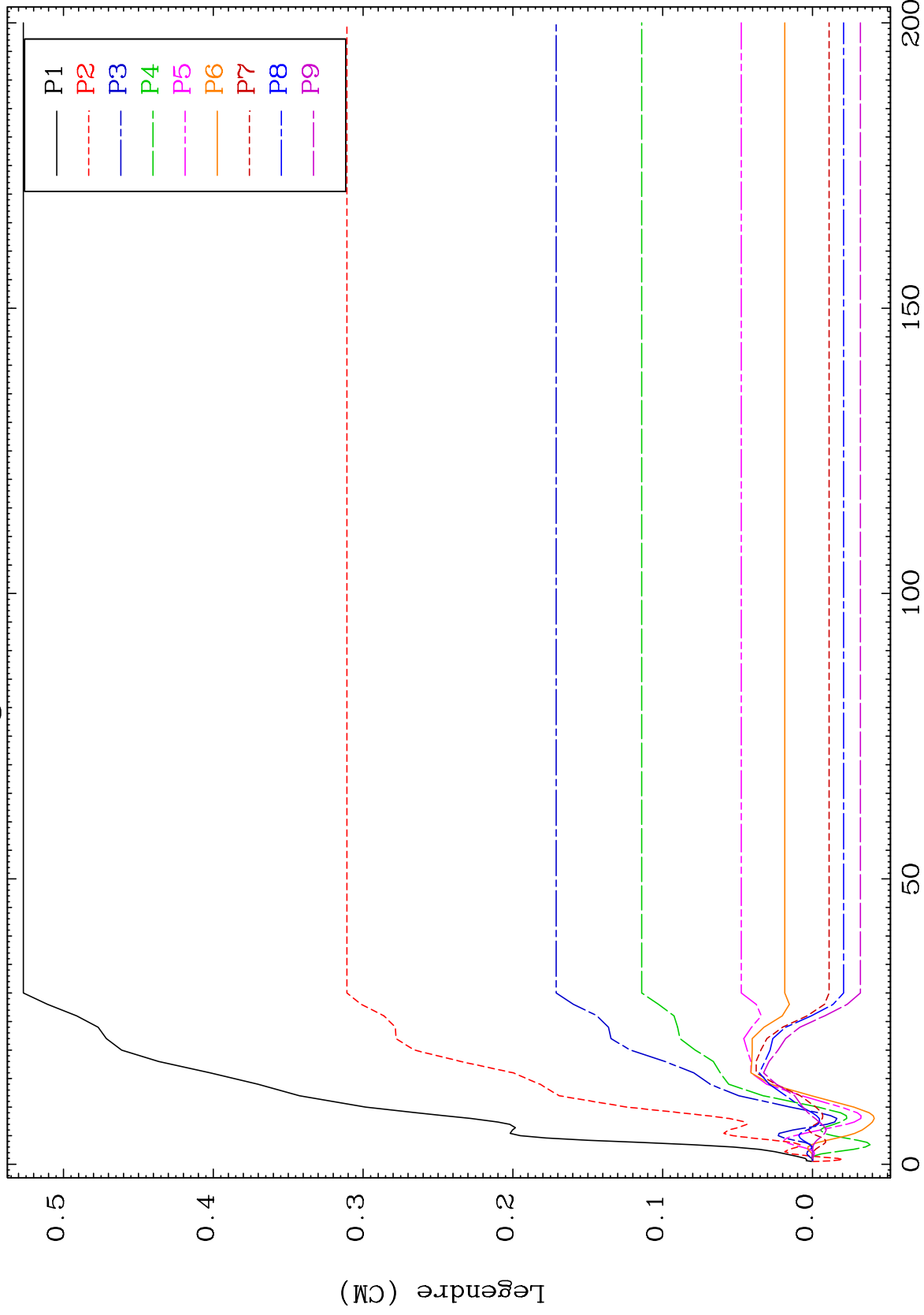




MAT 6707

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

67-Ho-159



76

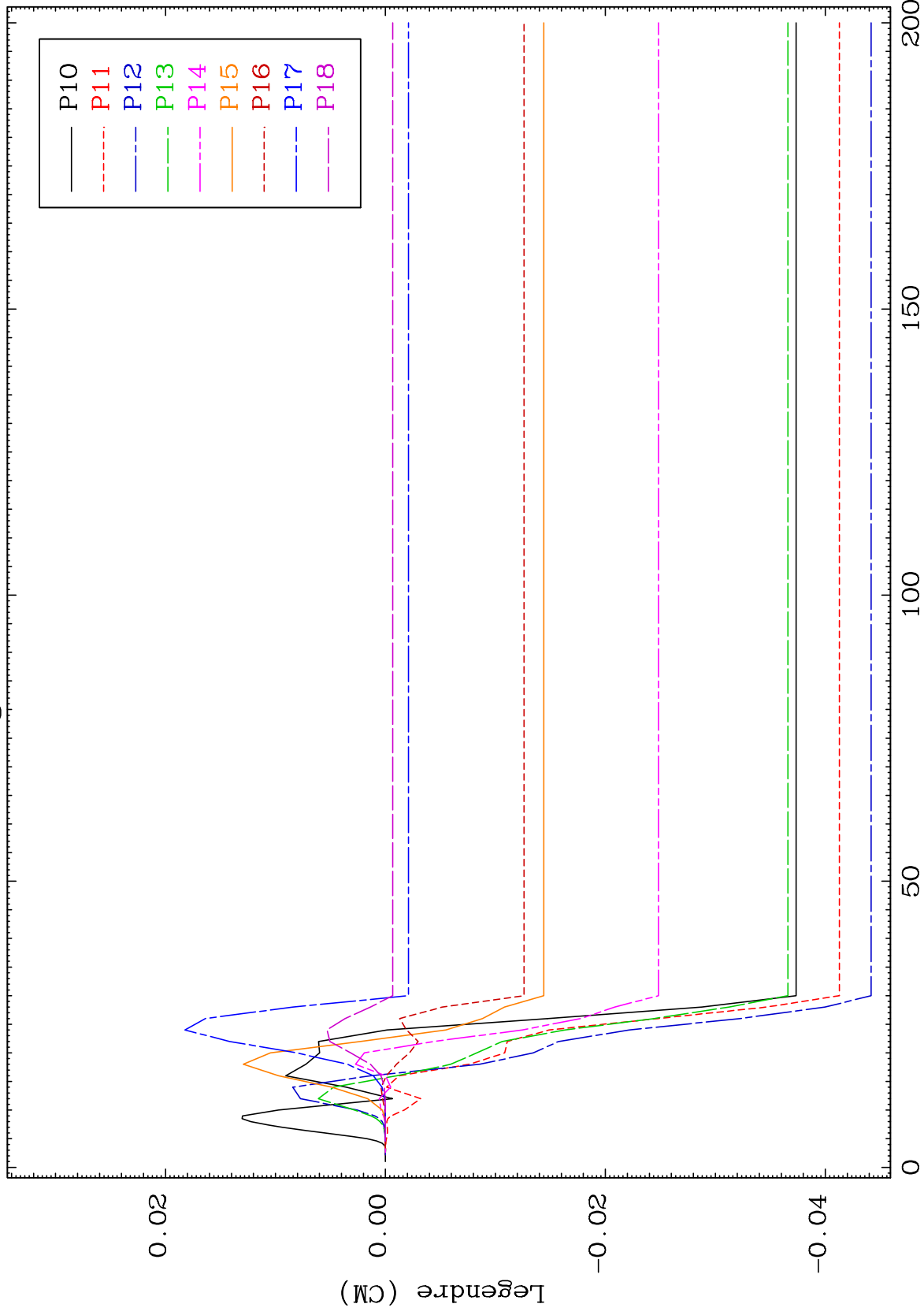
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



77

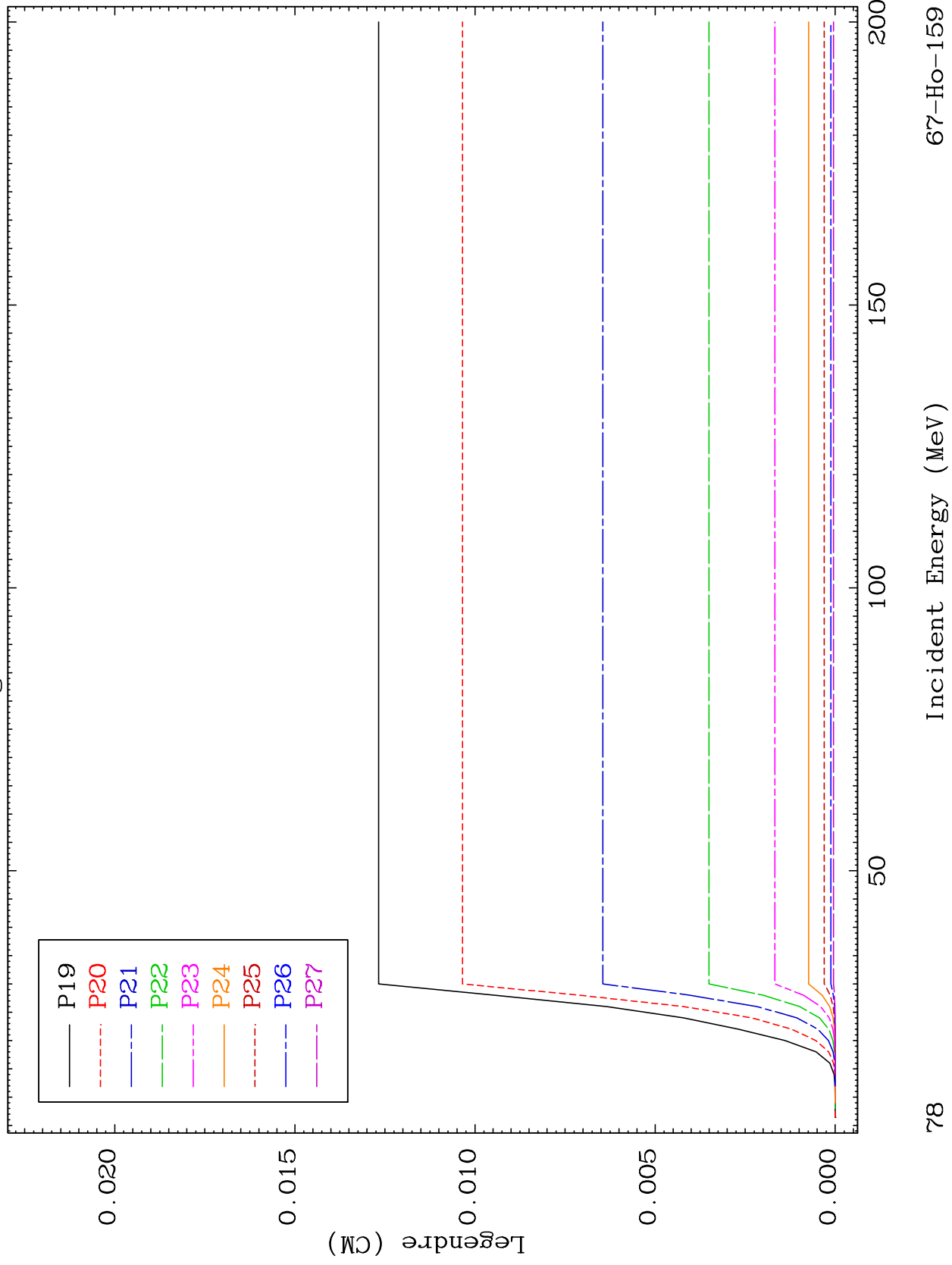
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



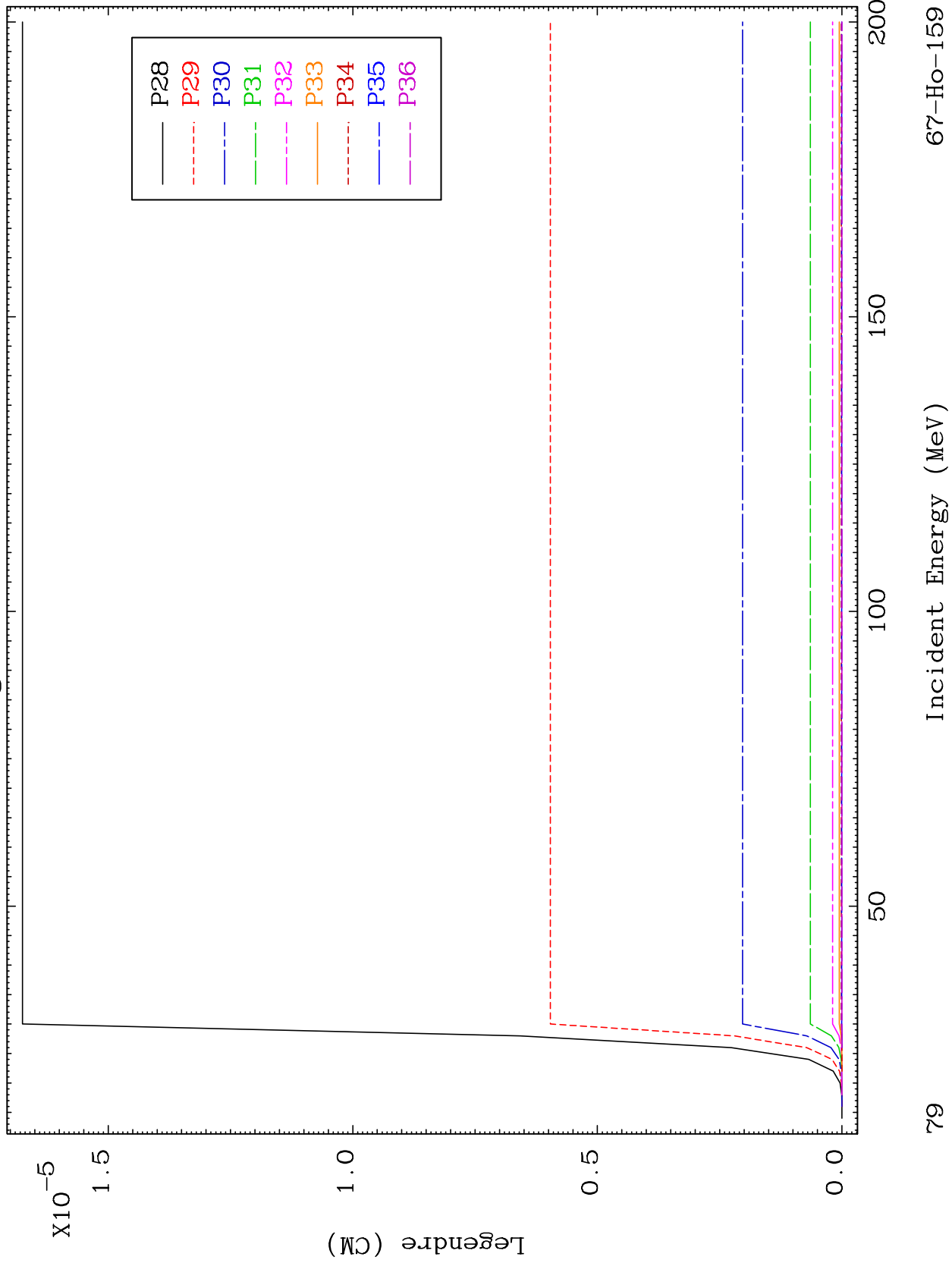
78

67-Ho-159

MAT 6707

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

67-Ho-159



79

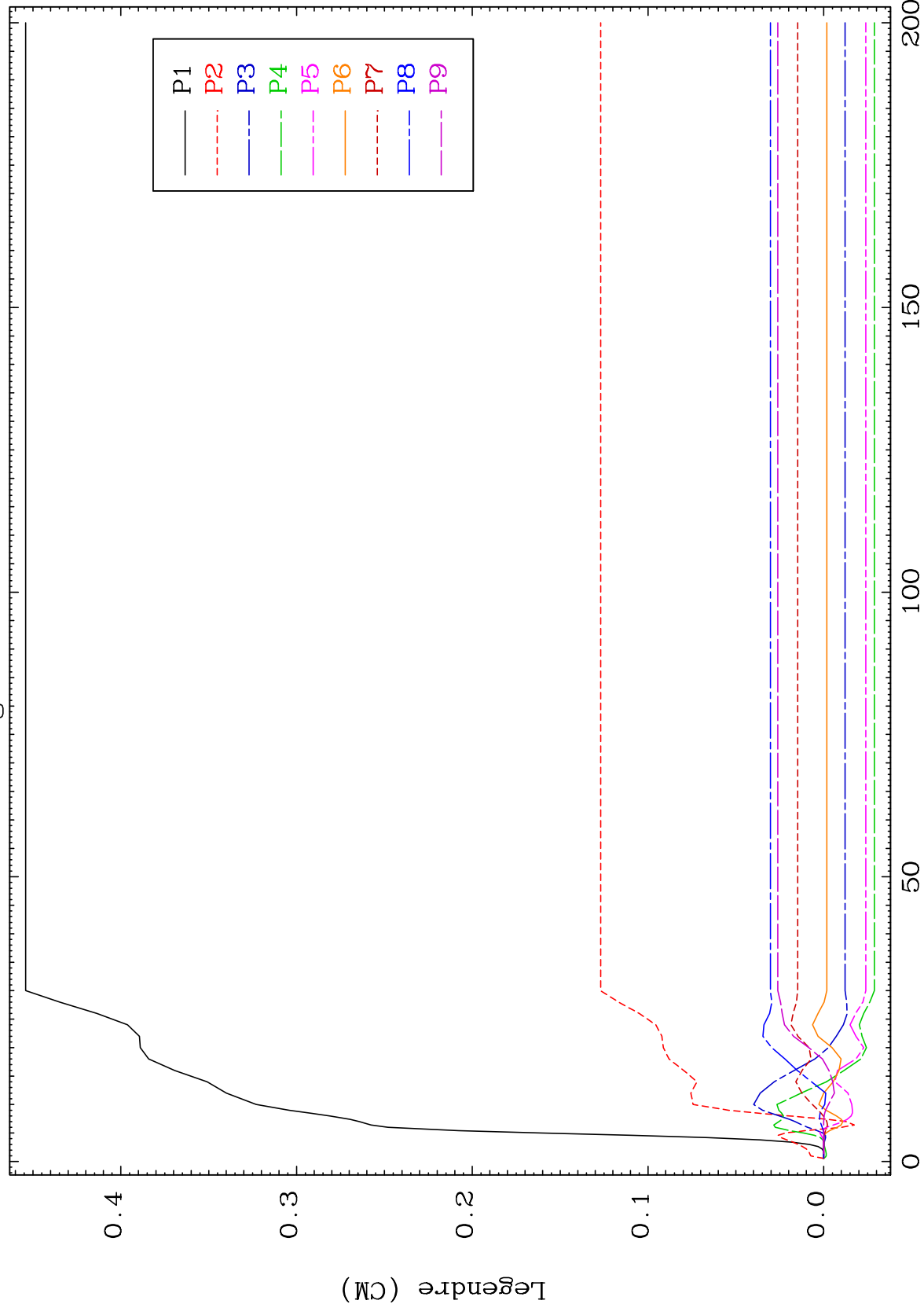
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

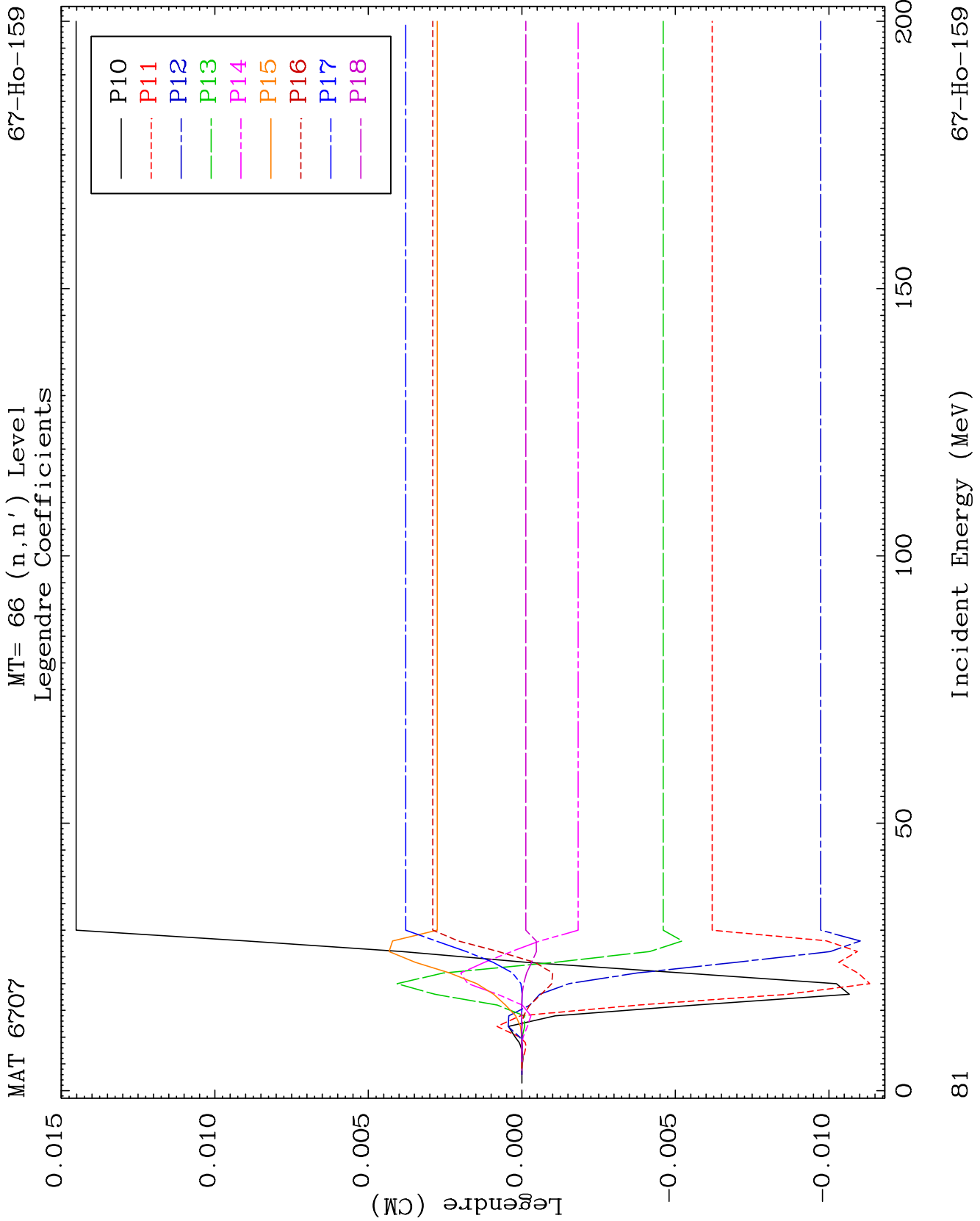
67-Ho-159



67-Ho-159

Incident Energy (MeV)

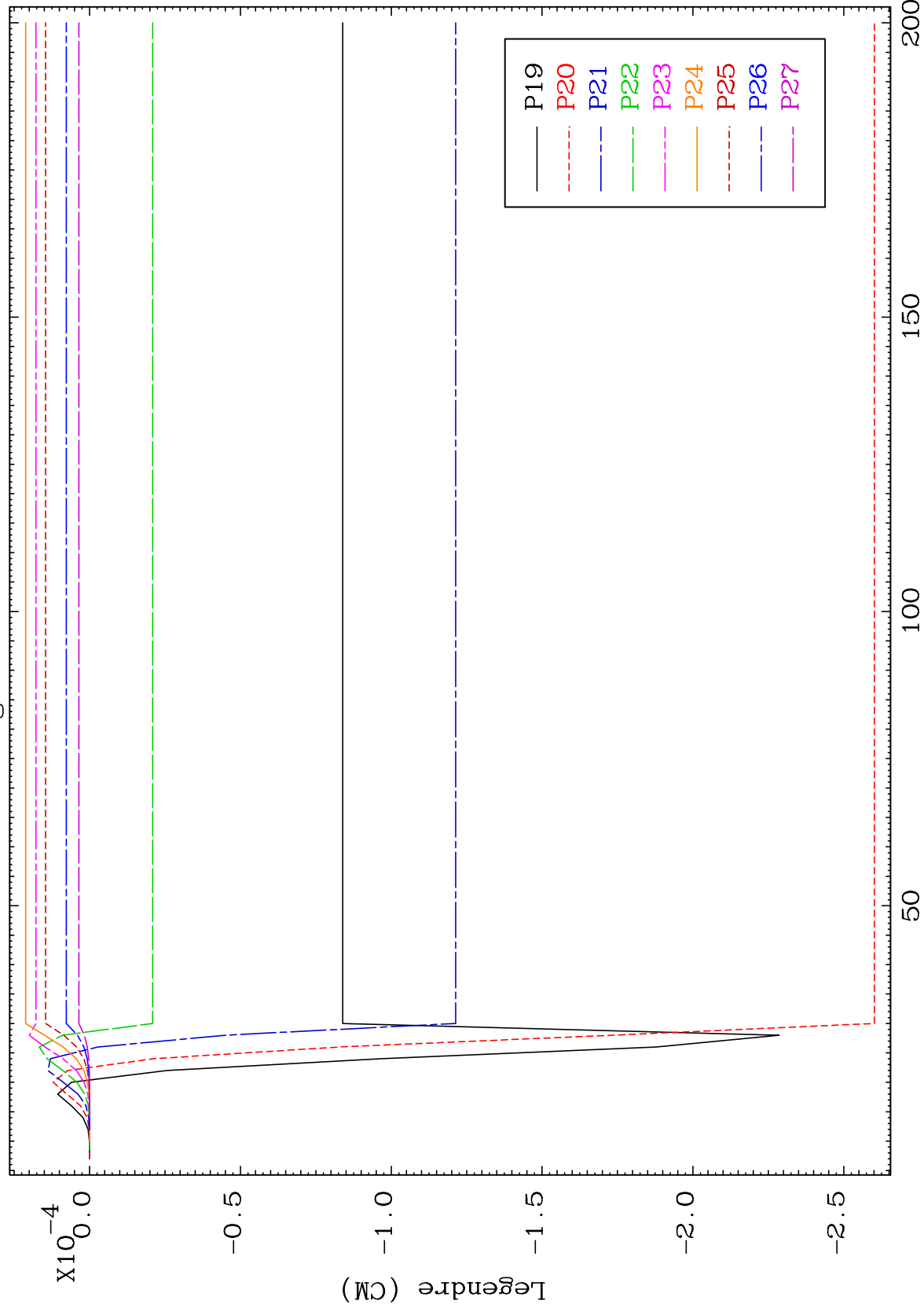
80



MAT 6707

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

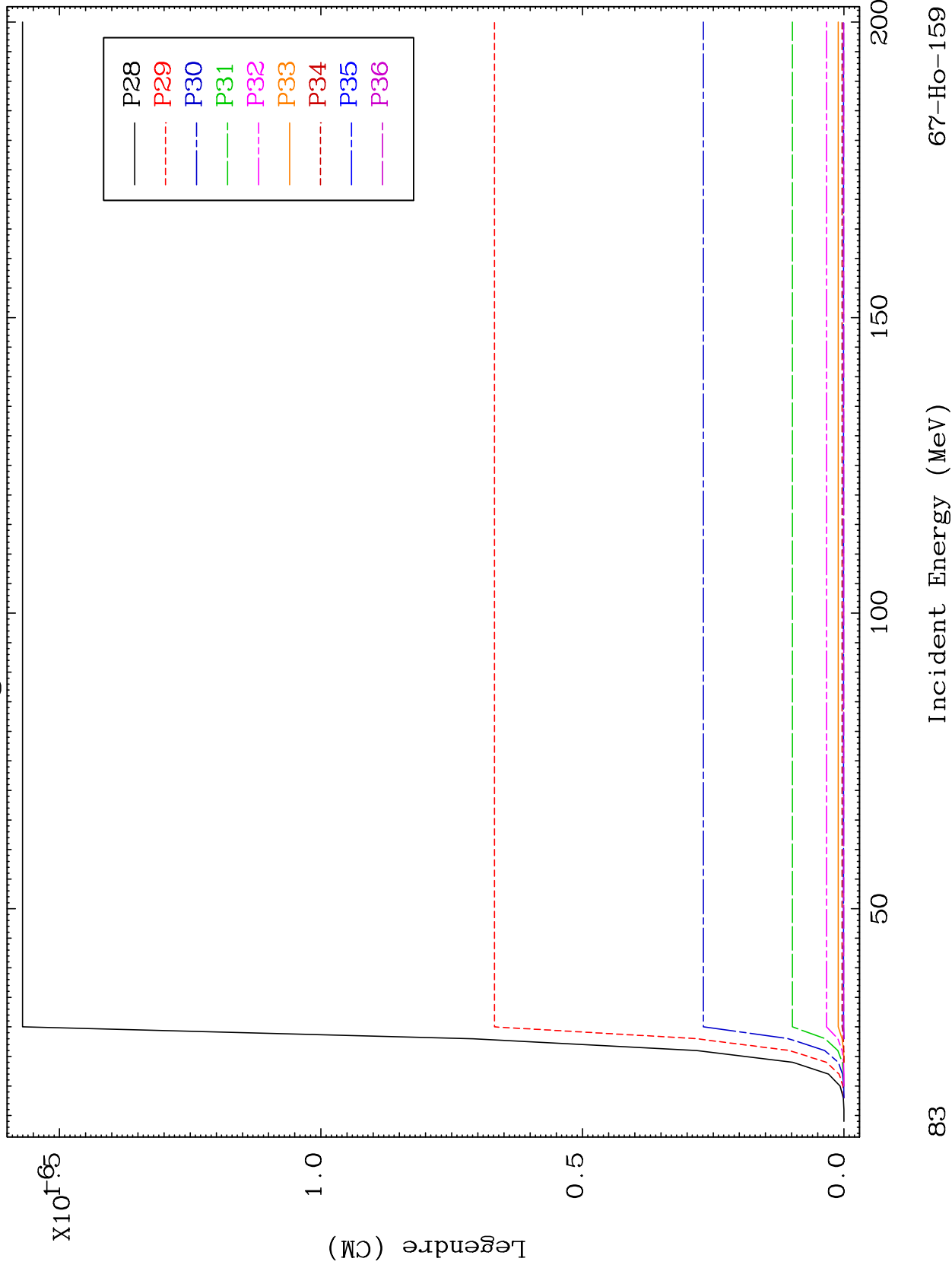
67-Ho-159



MAT 6707

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

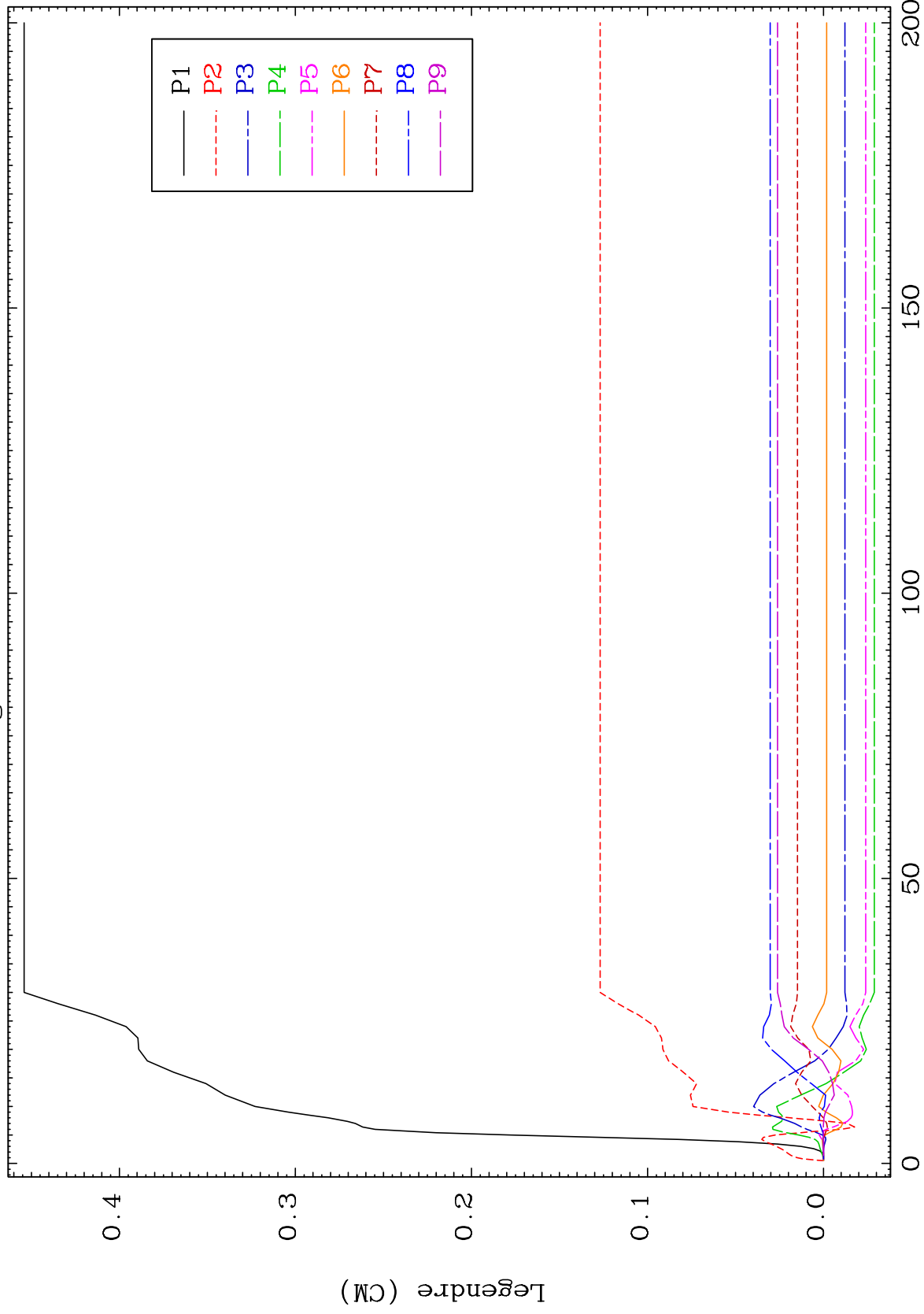
67-Ho-159



MAT 6707

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

67-Ho-159



84

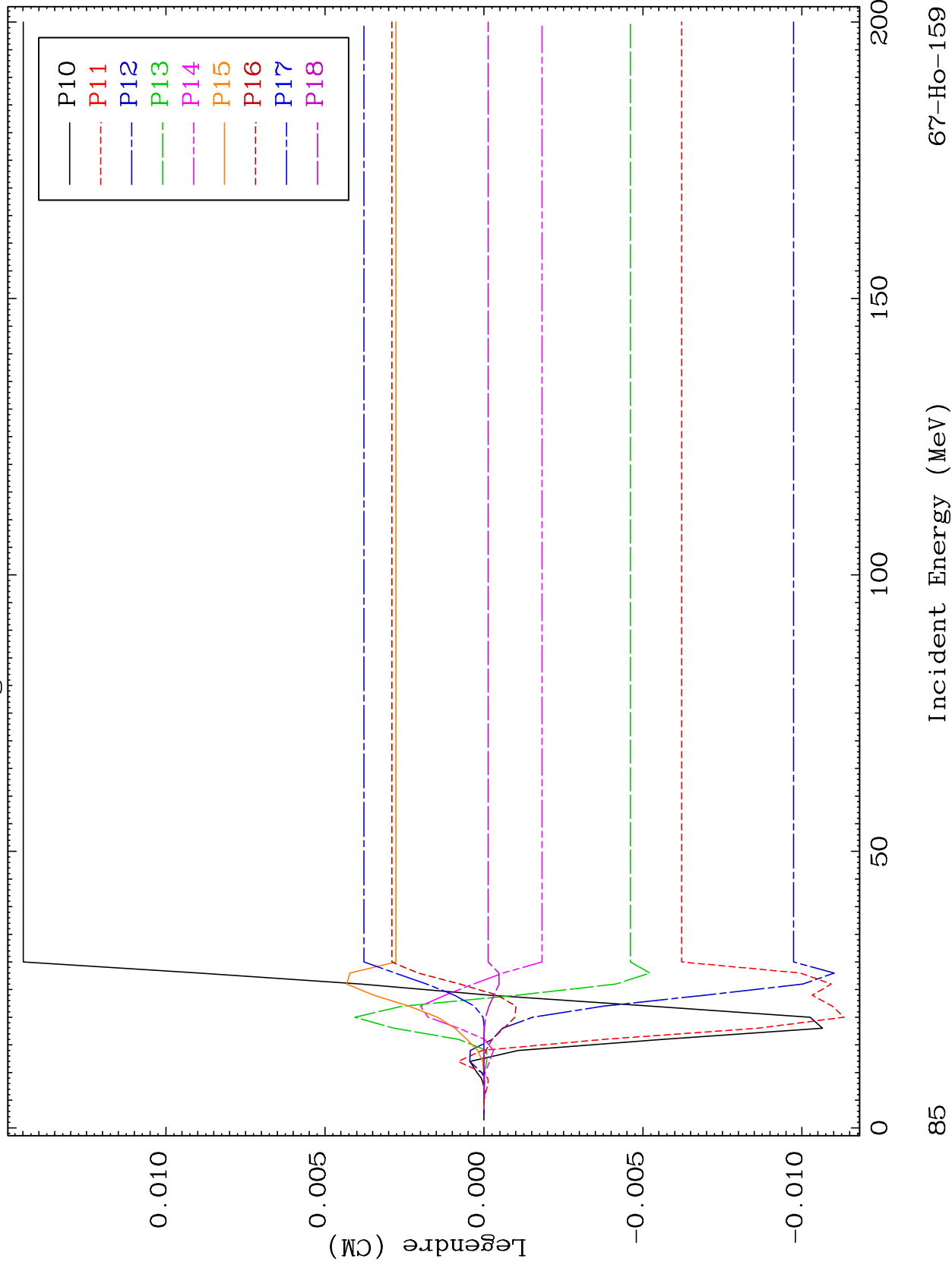
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



85

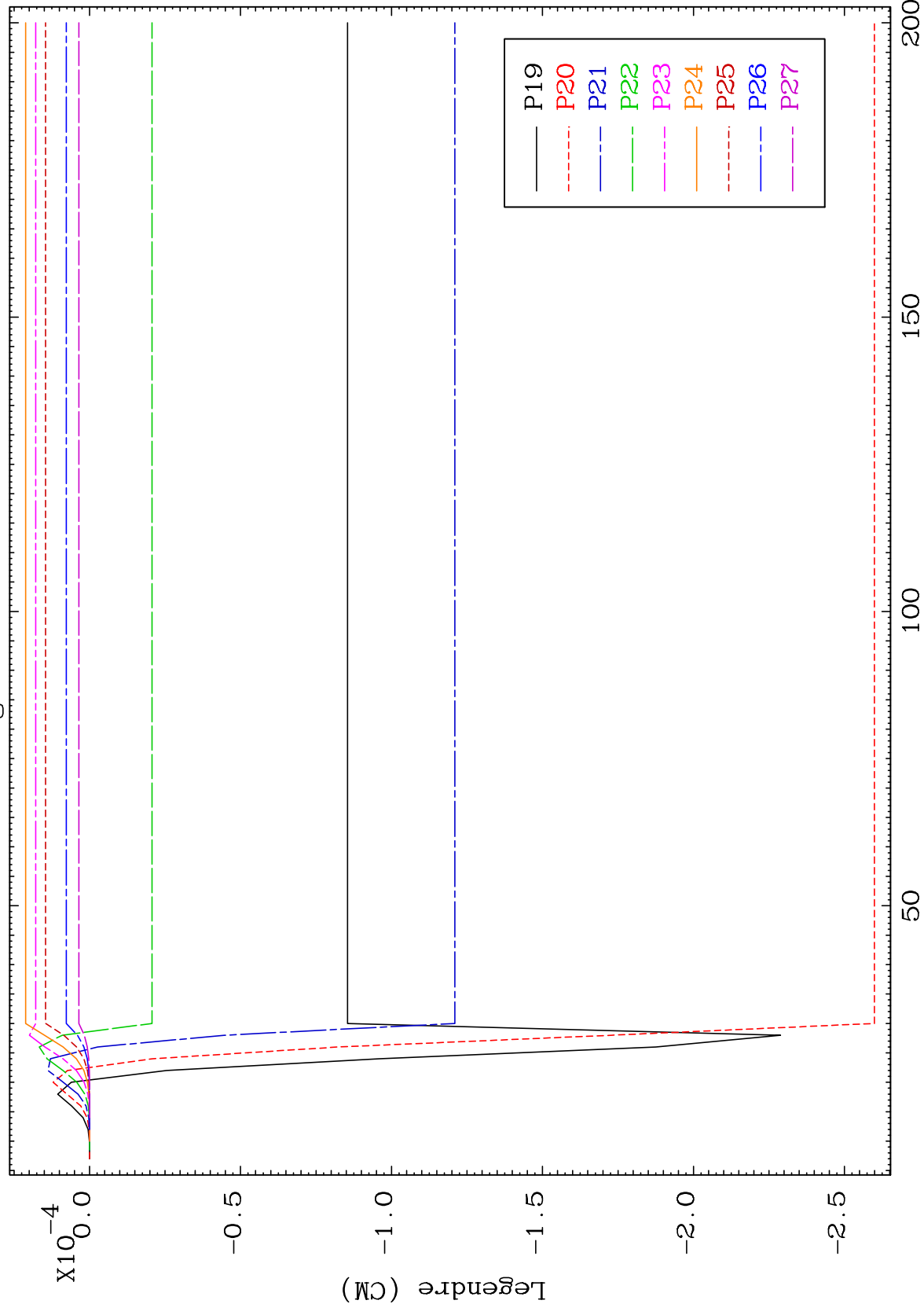
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

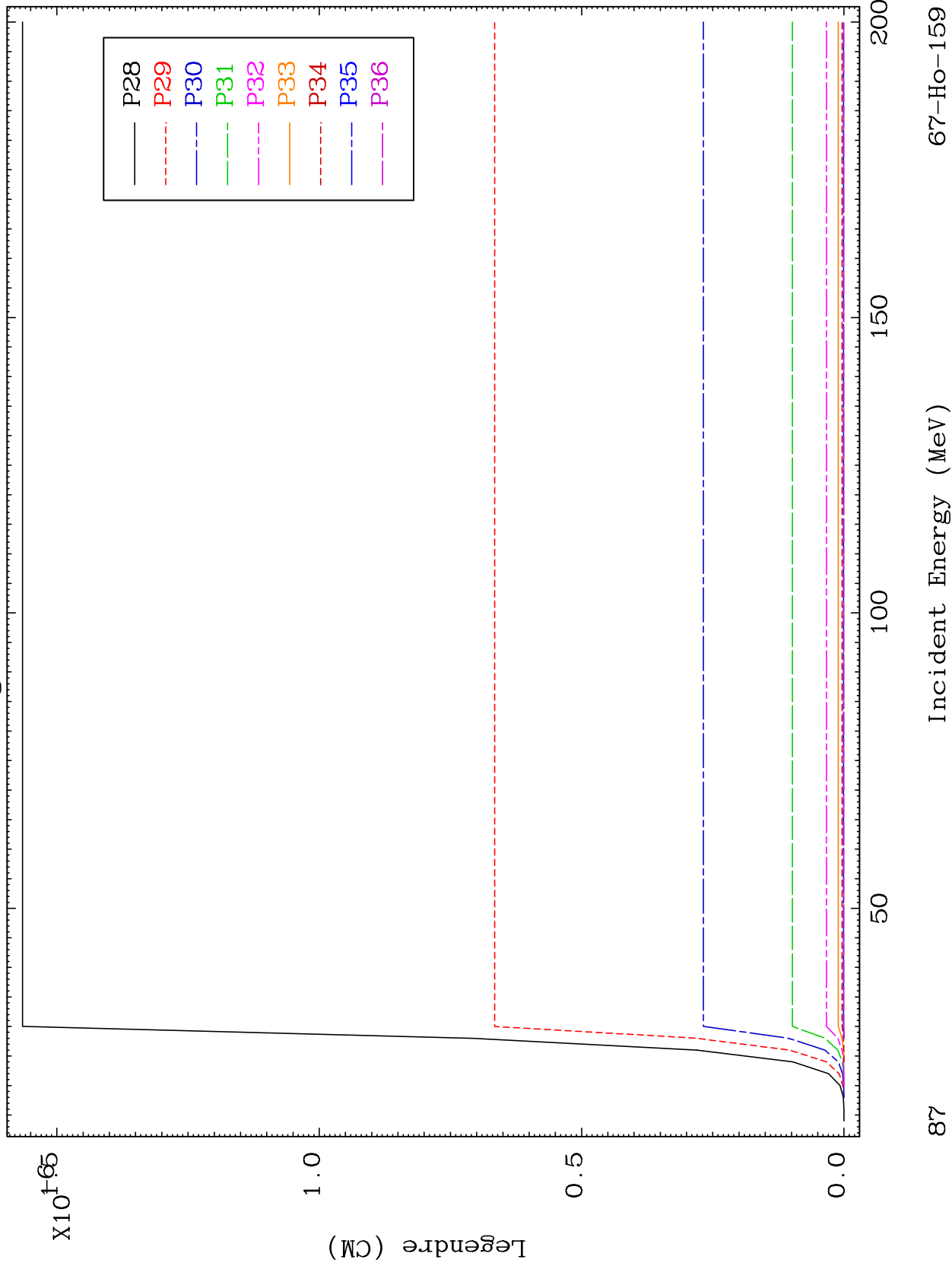
67-Ho-159

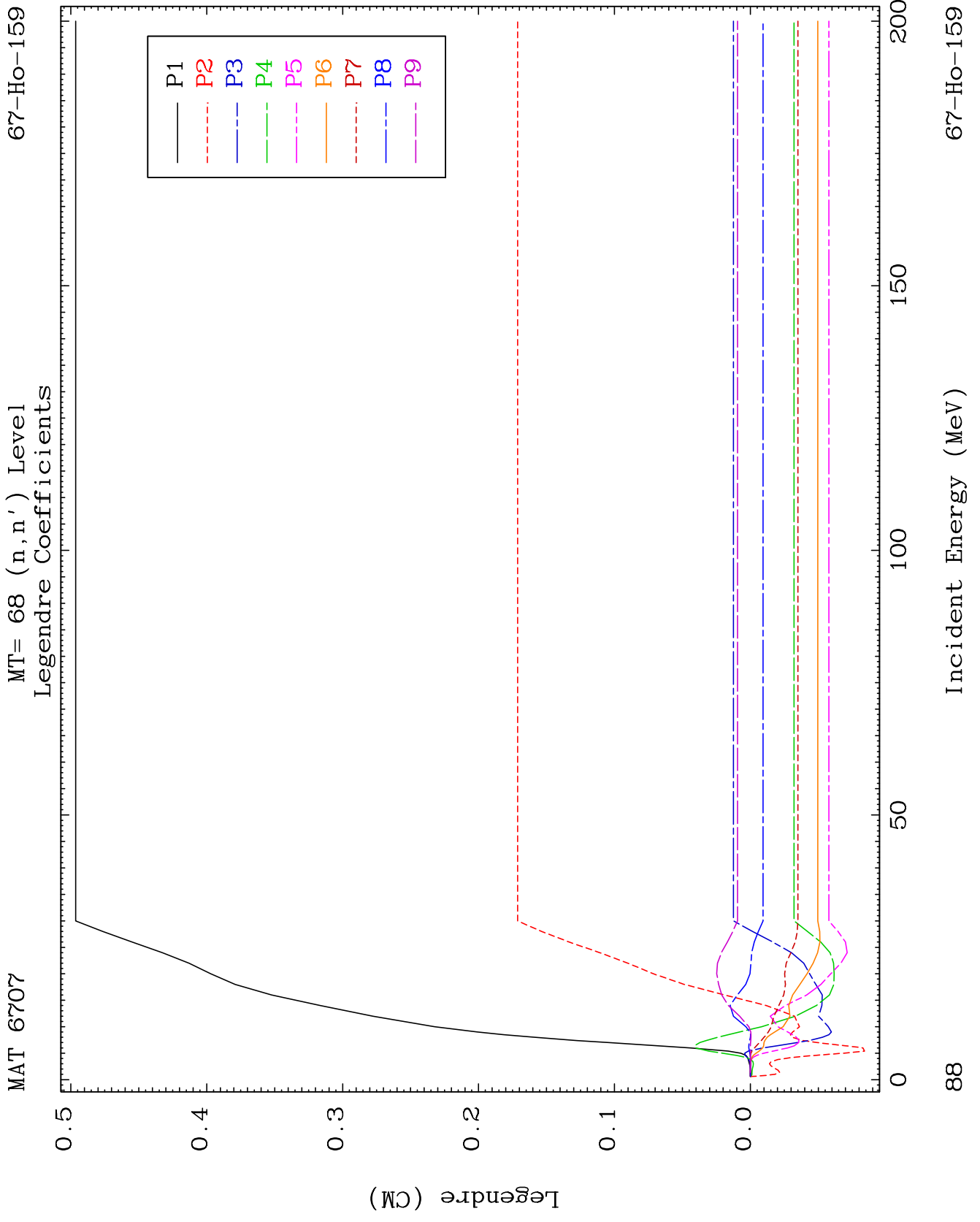


MAT 6707

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

67-Ho-159

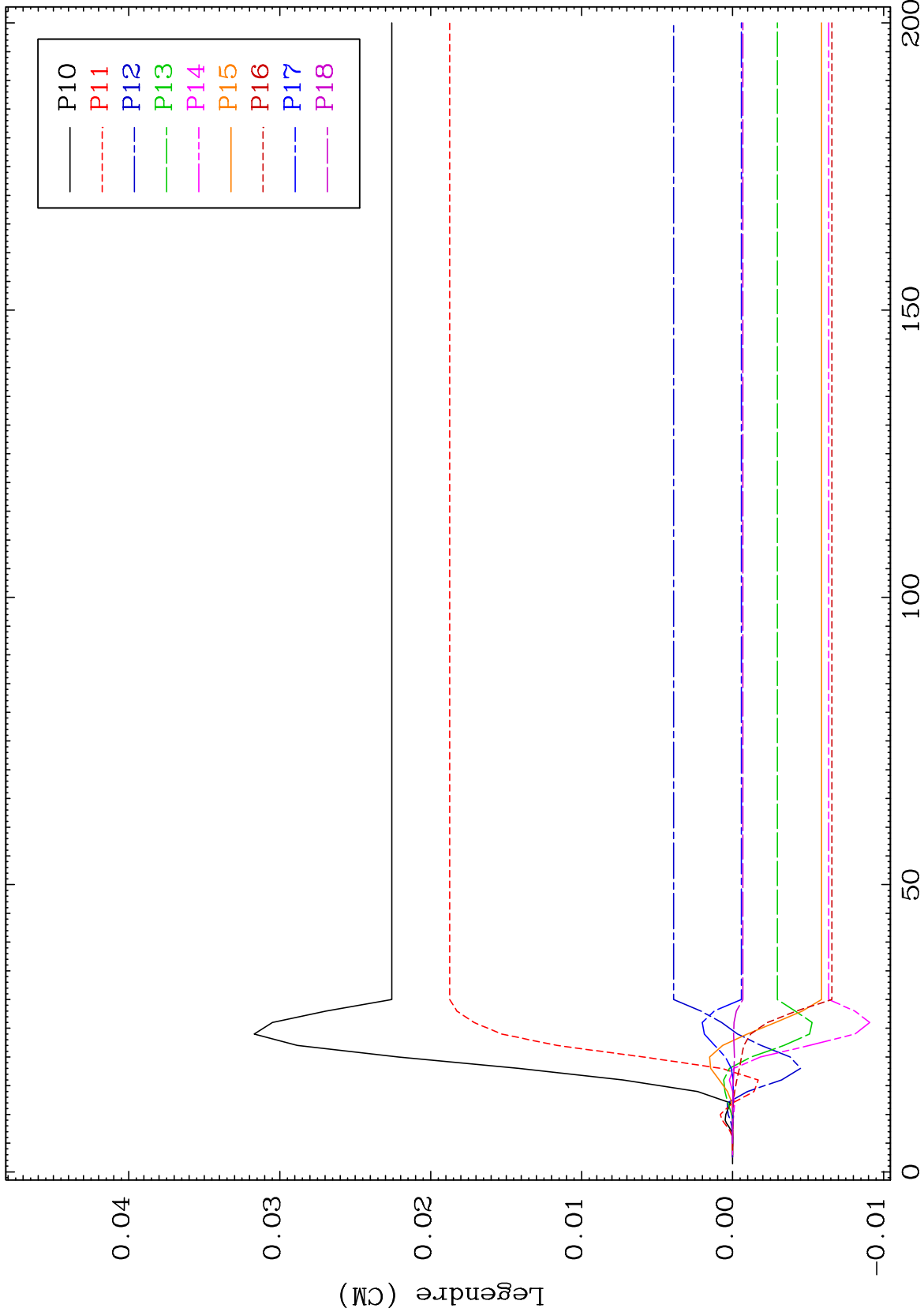




MAT 6707

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

67-Ho-159



89

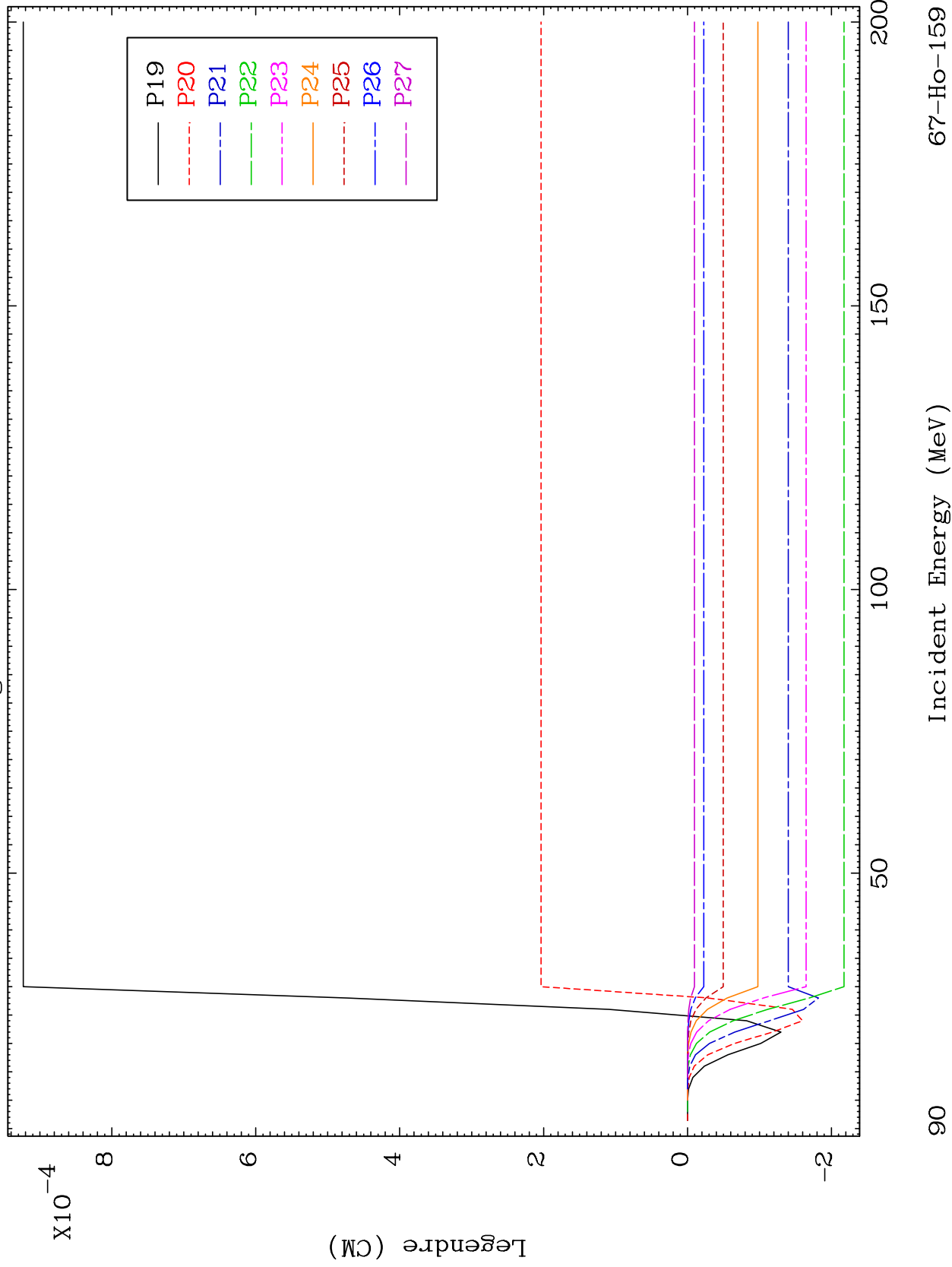
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

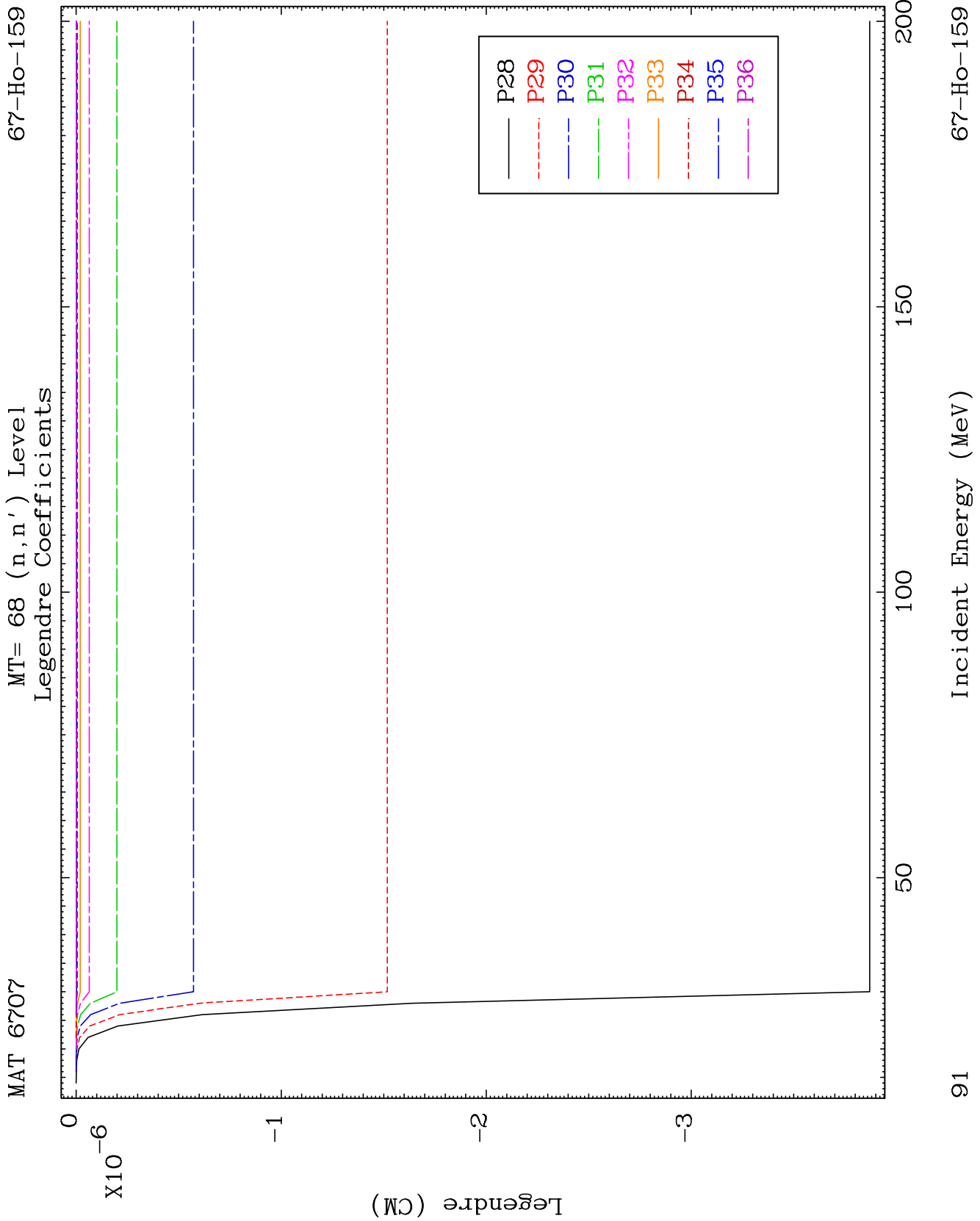
67-Ho-159



90

Incident Energy (MeV)

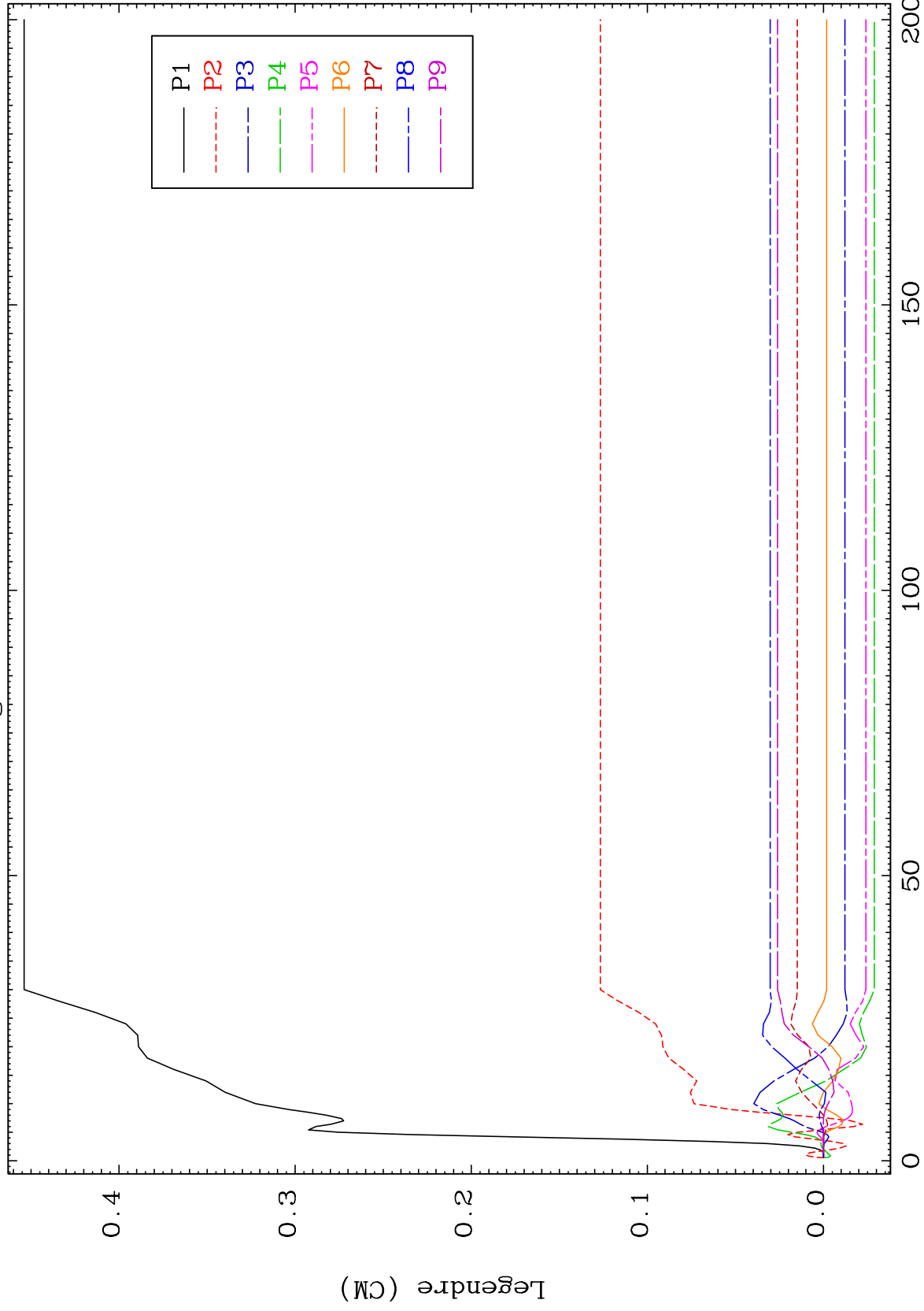
67-Ho-159



MAT 6707

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

67-Ho-159



92

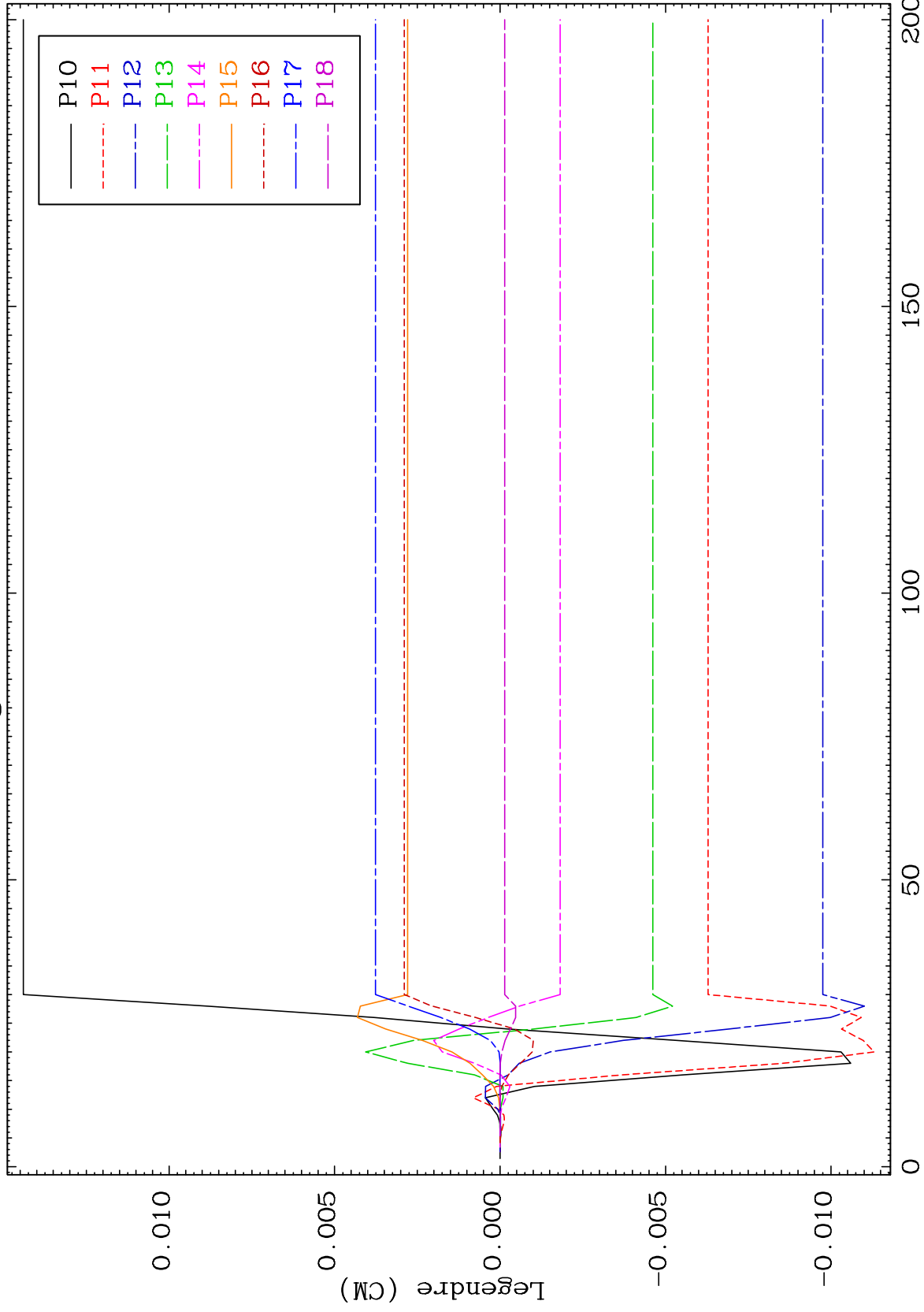
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

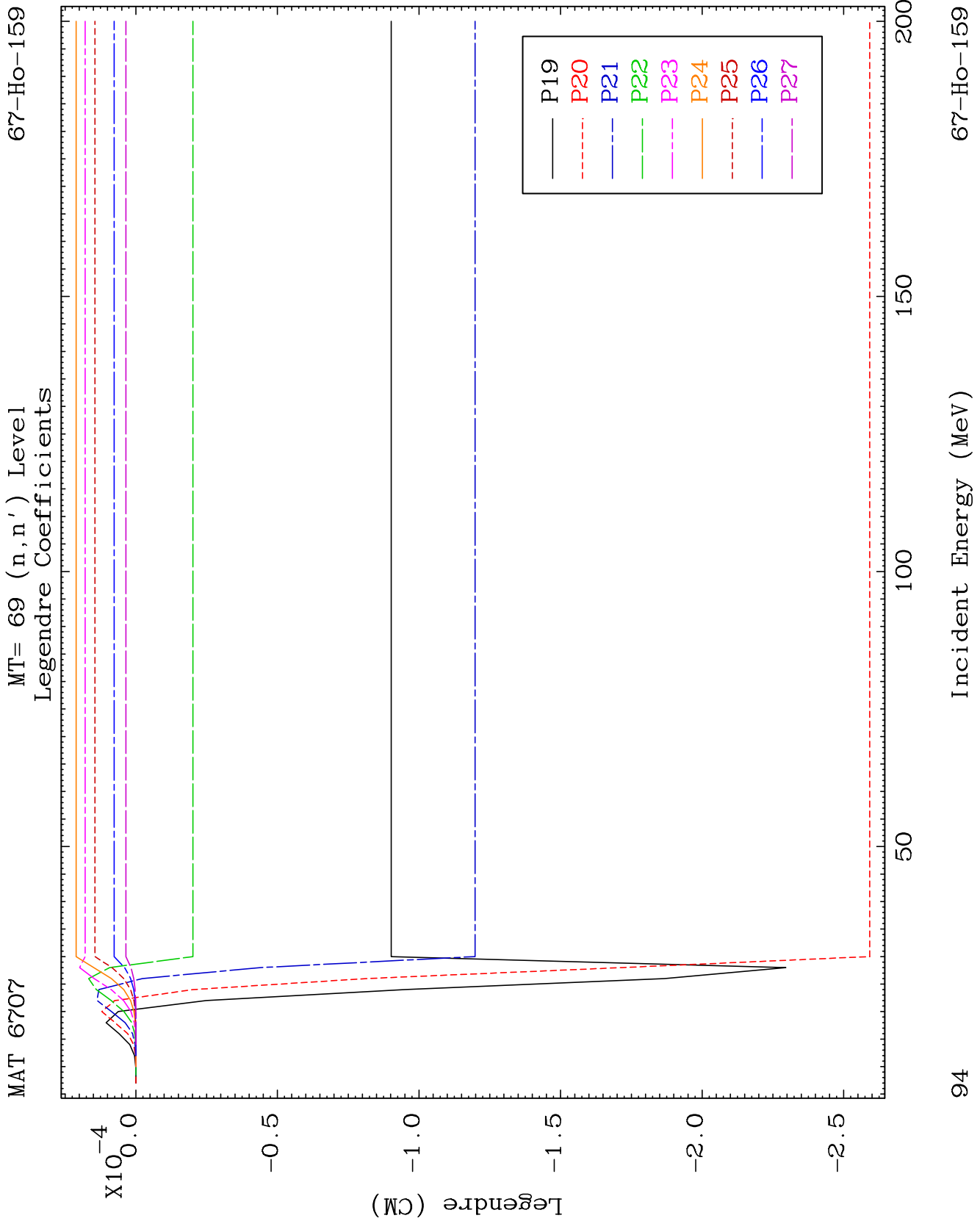
67-Ho-159



93

Incident Energy (MeV)

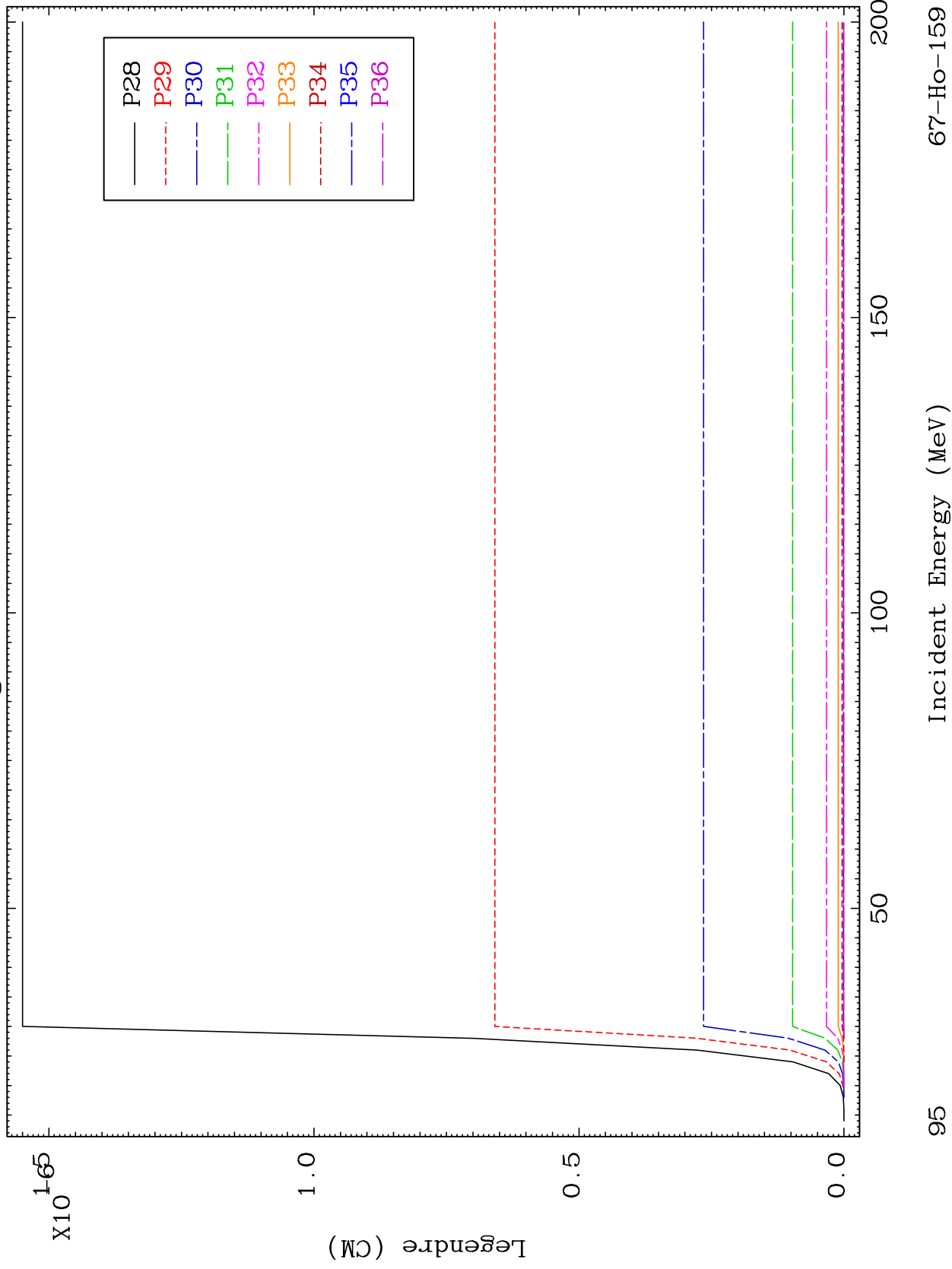
67-Ho-159



MAT 6707

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

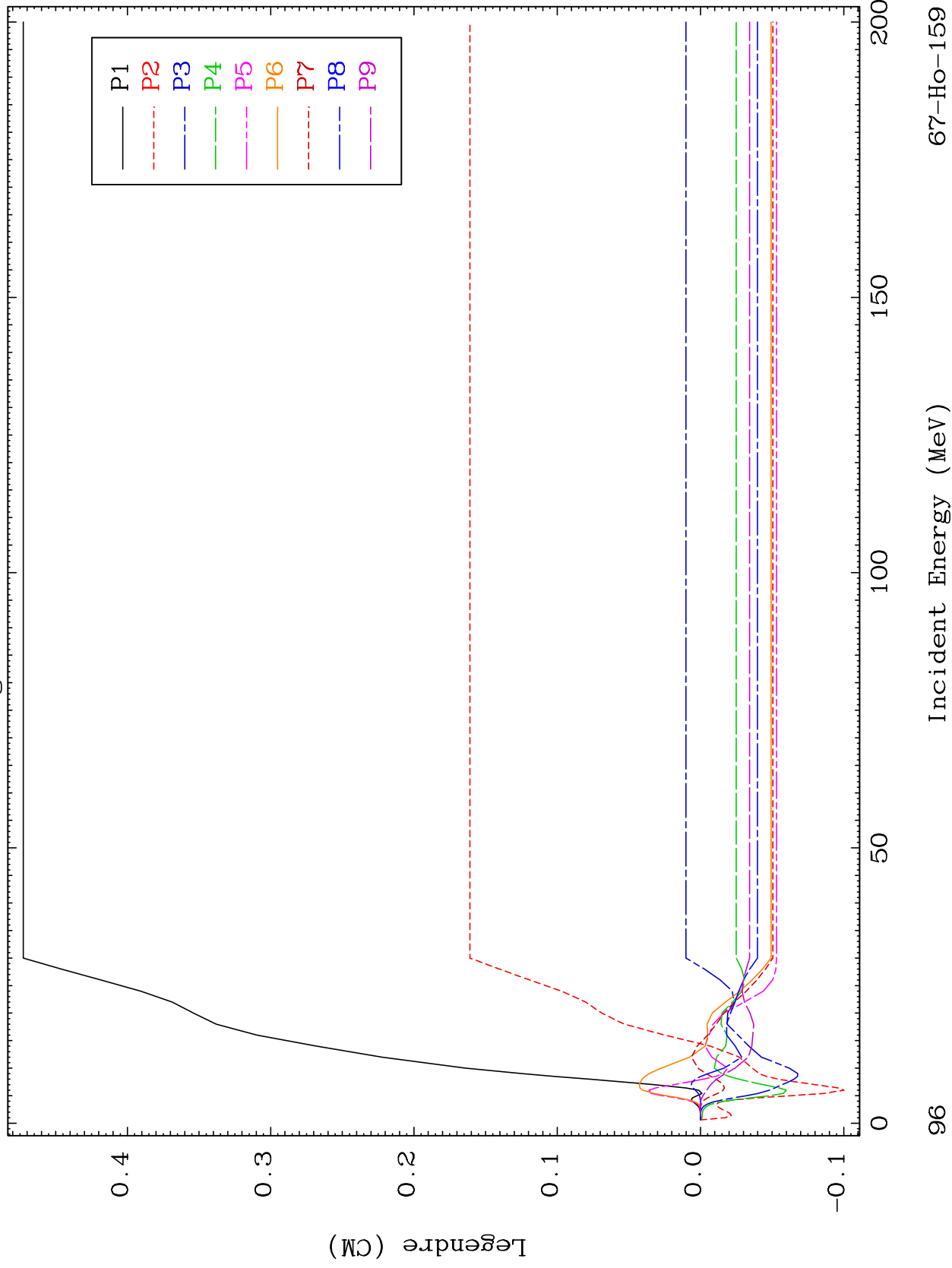
67-Ho-159



MAT 6707

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

67-Ho-159



67-Ho-159

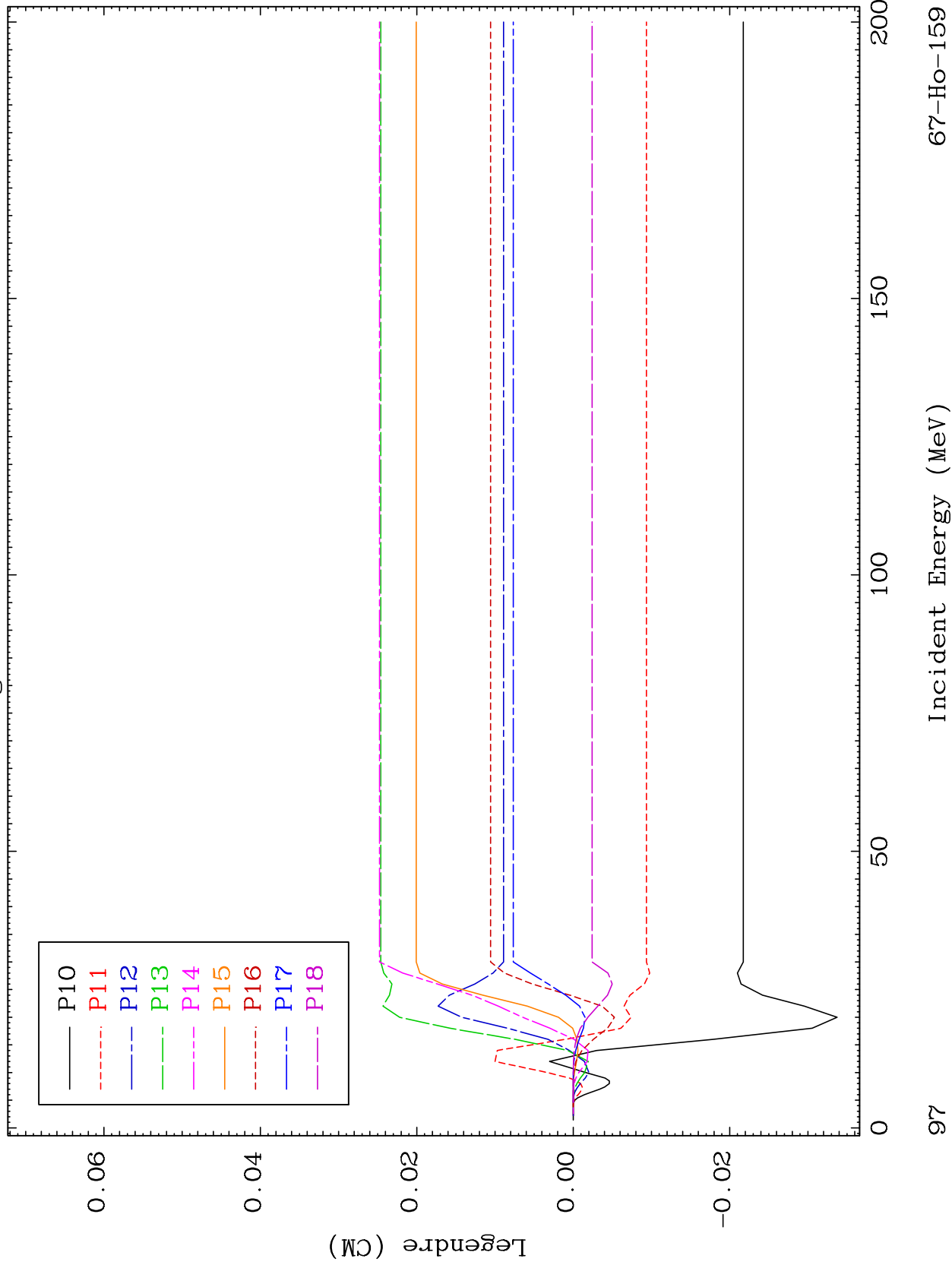
Incident Energy (MeV)

96

MAT 6707

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

67-Ho-159



97

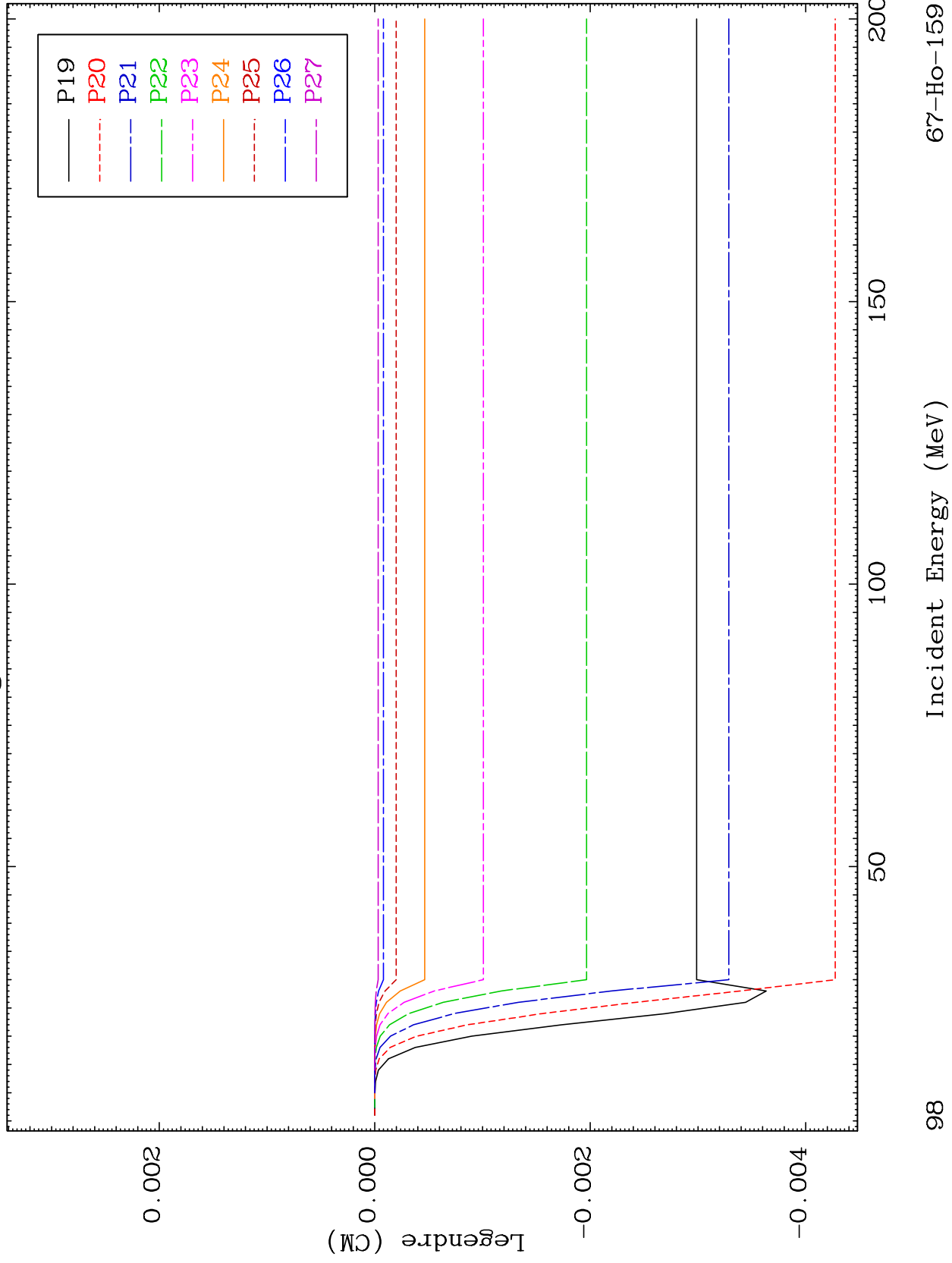
Incident Energy (MeV)

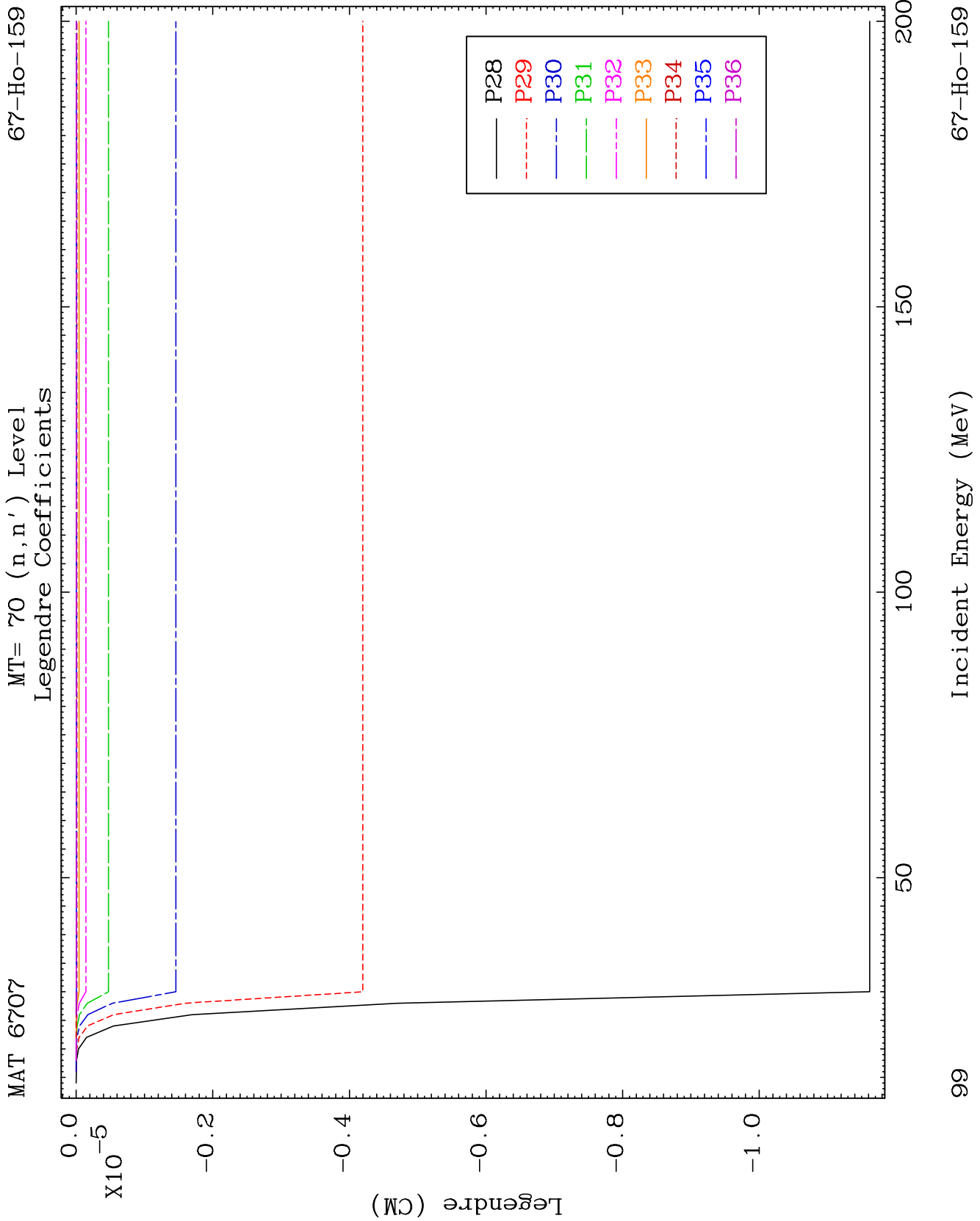
67-Ho-159

MAT 6707

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

67-Ho-159

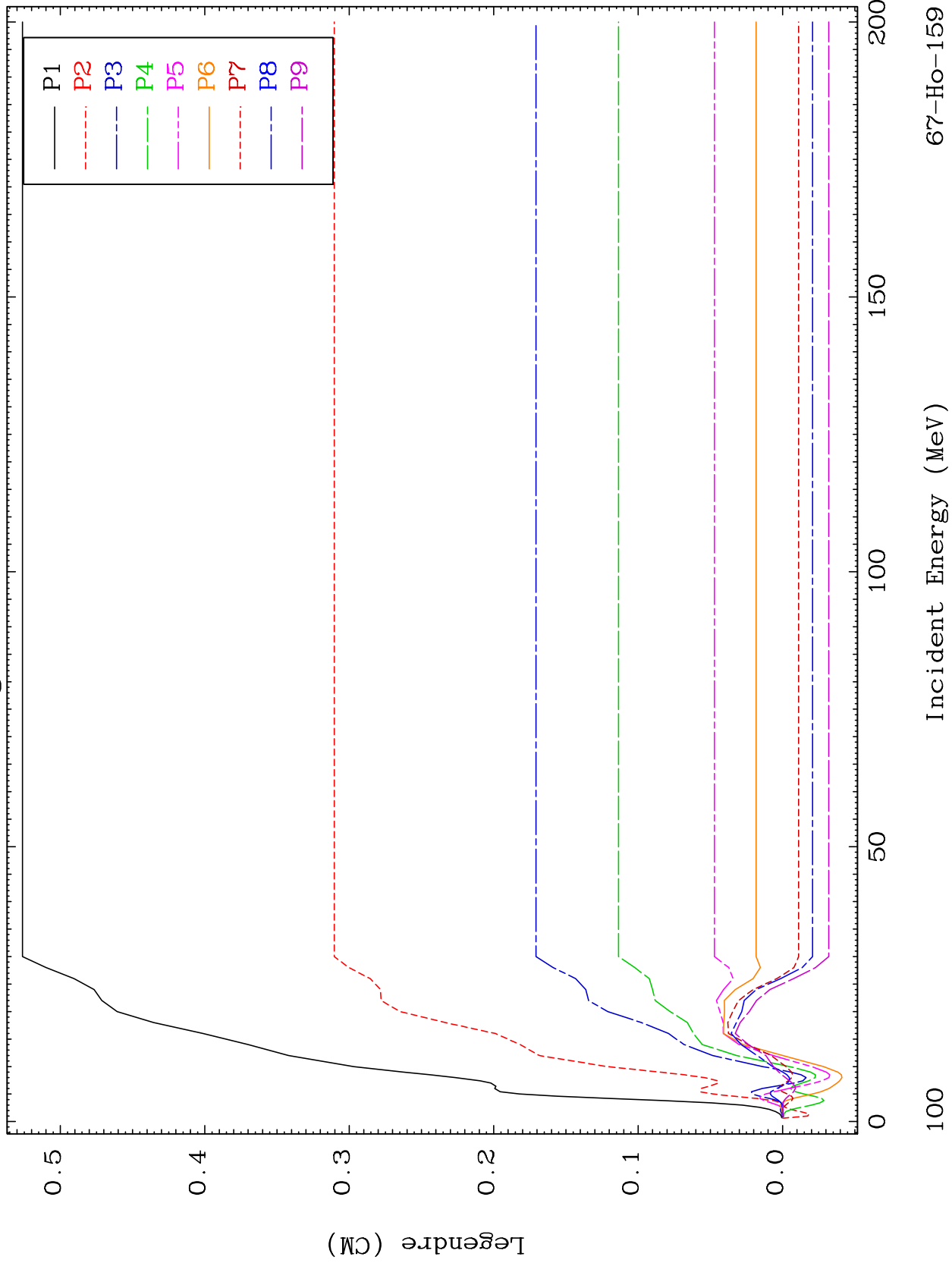




MAT 6707

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

67-Ho-159



67-Ho-159

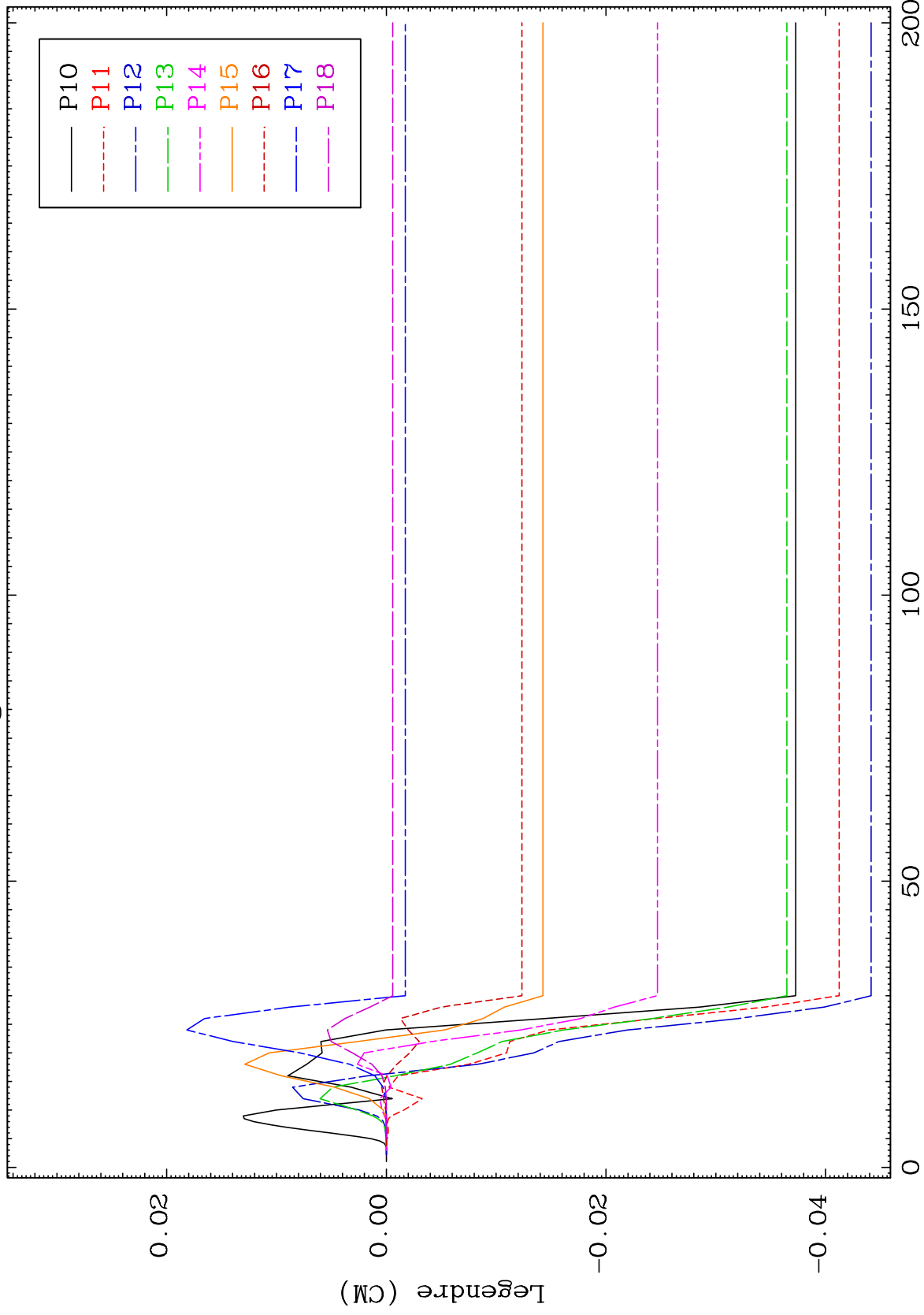
Incident Energy (MeV)

100

MAT 6707

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

67-Ho-159



101

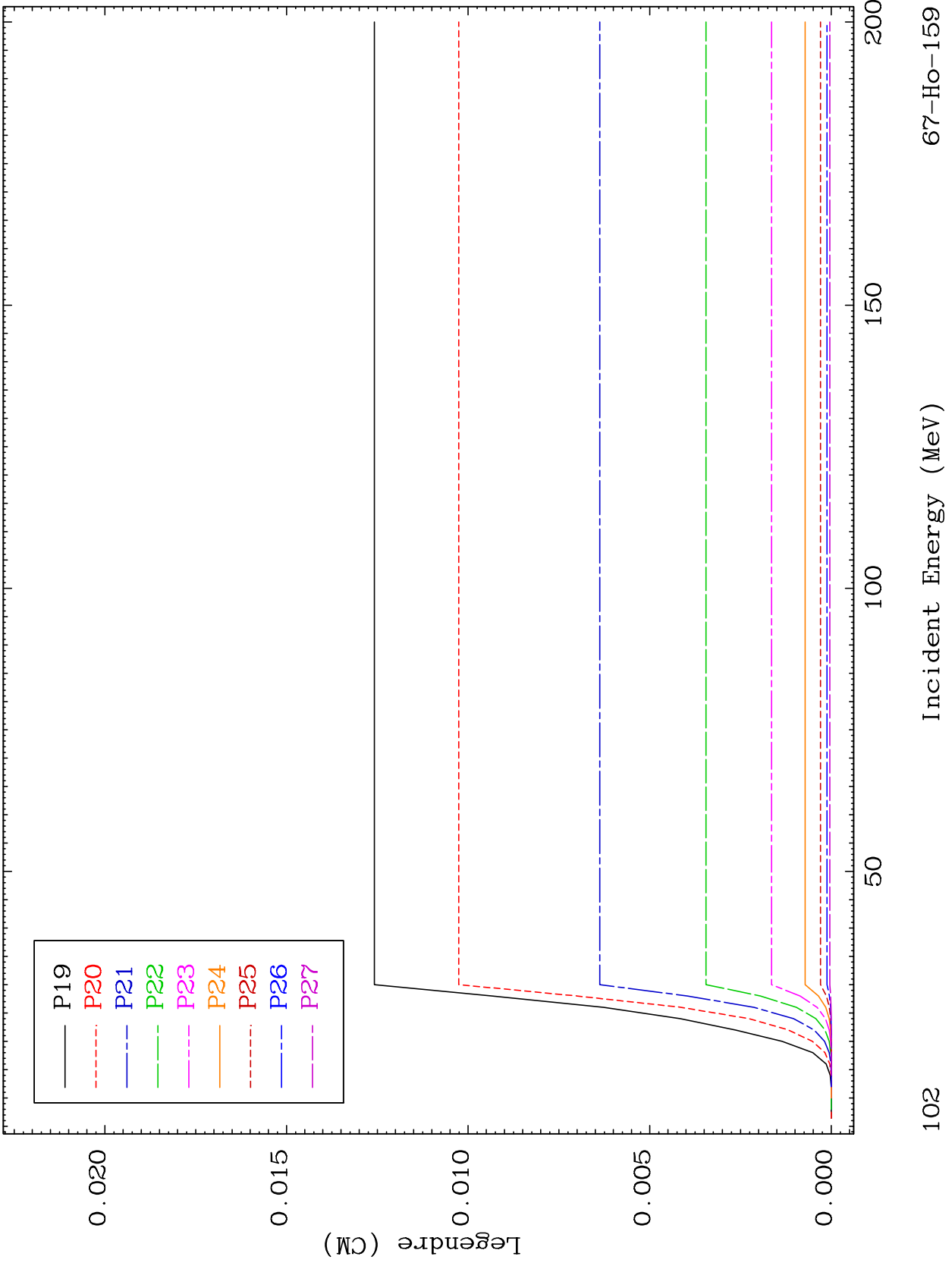
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



102

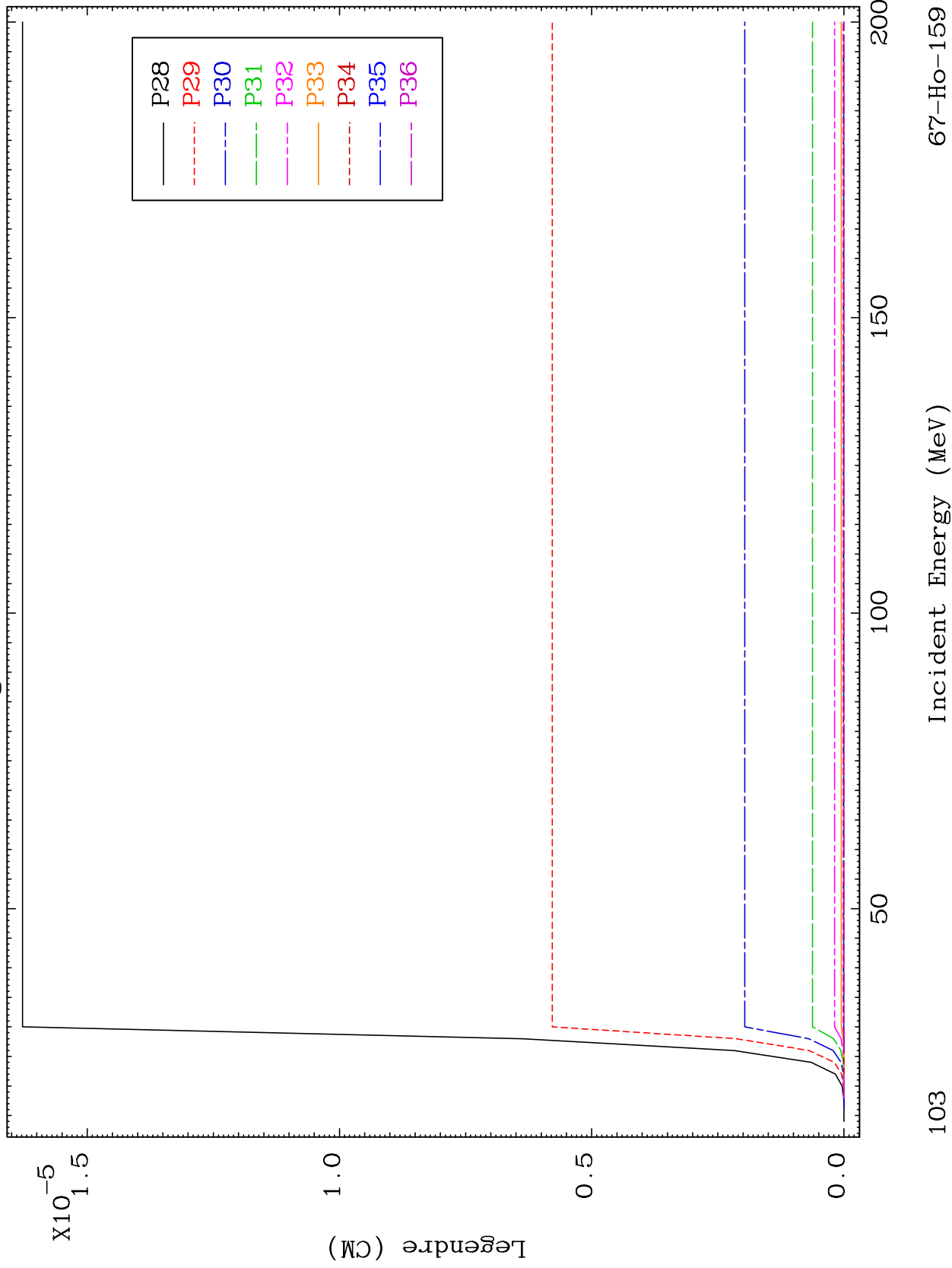
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

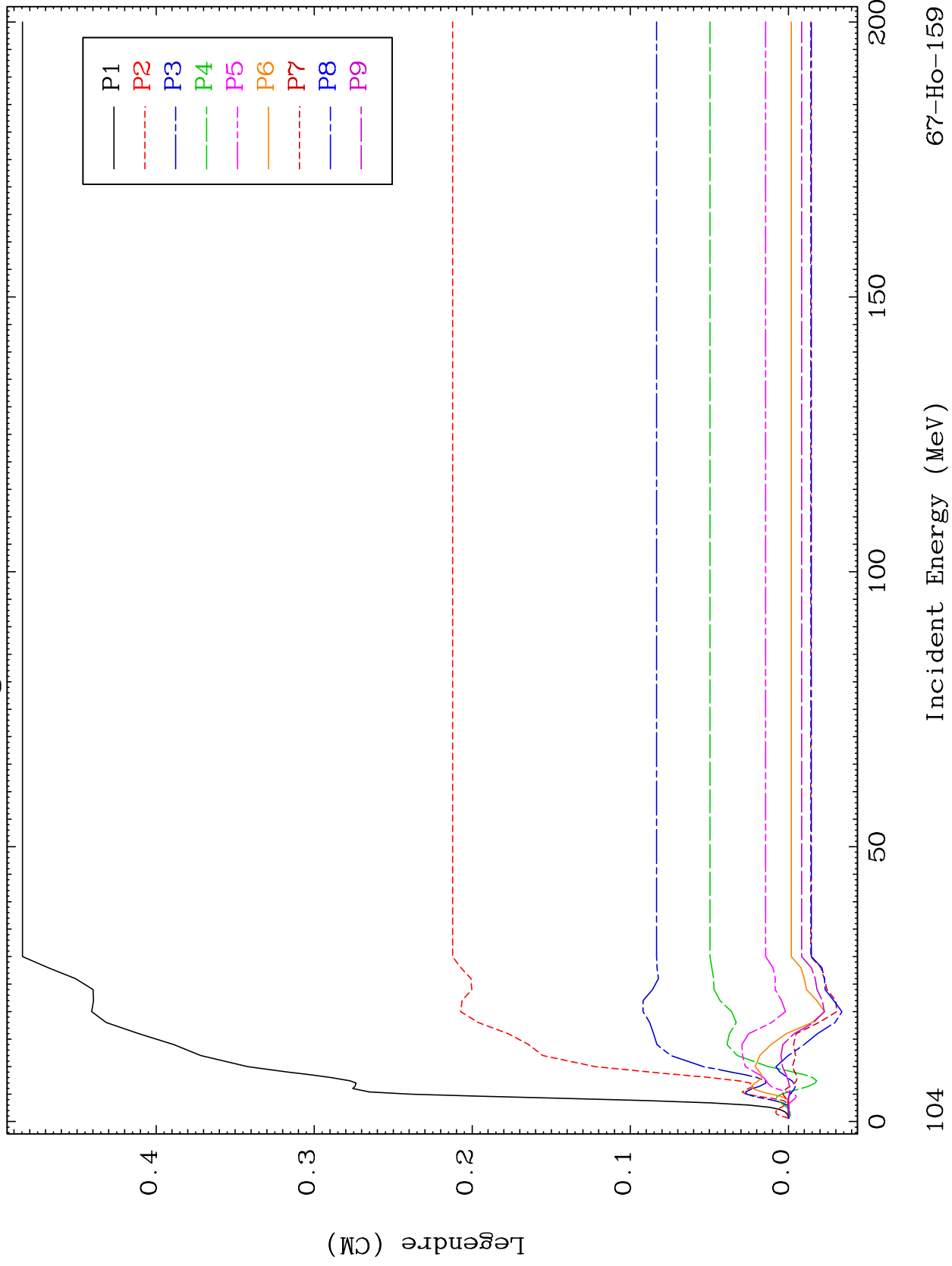
67-Ho-159



MAT 6707

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

67-Ho-159



67-Ho-159

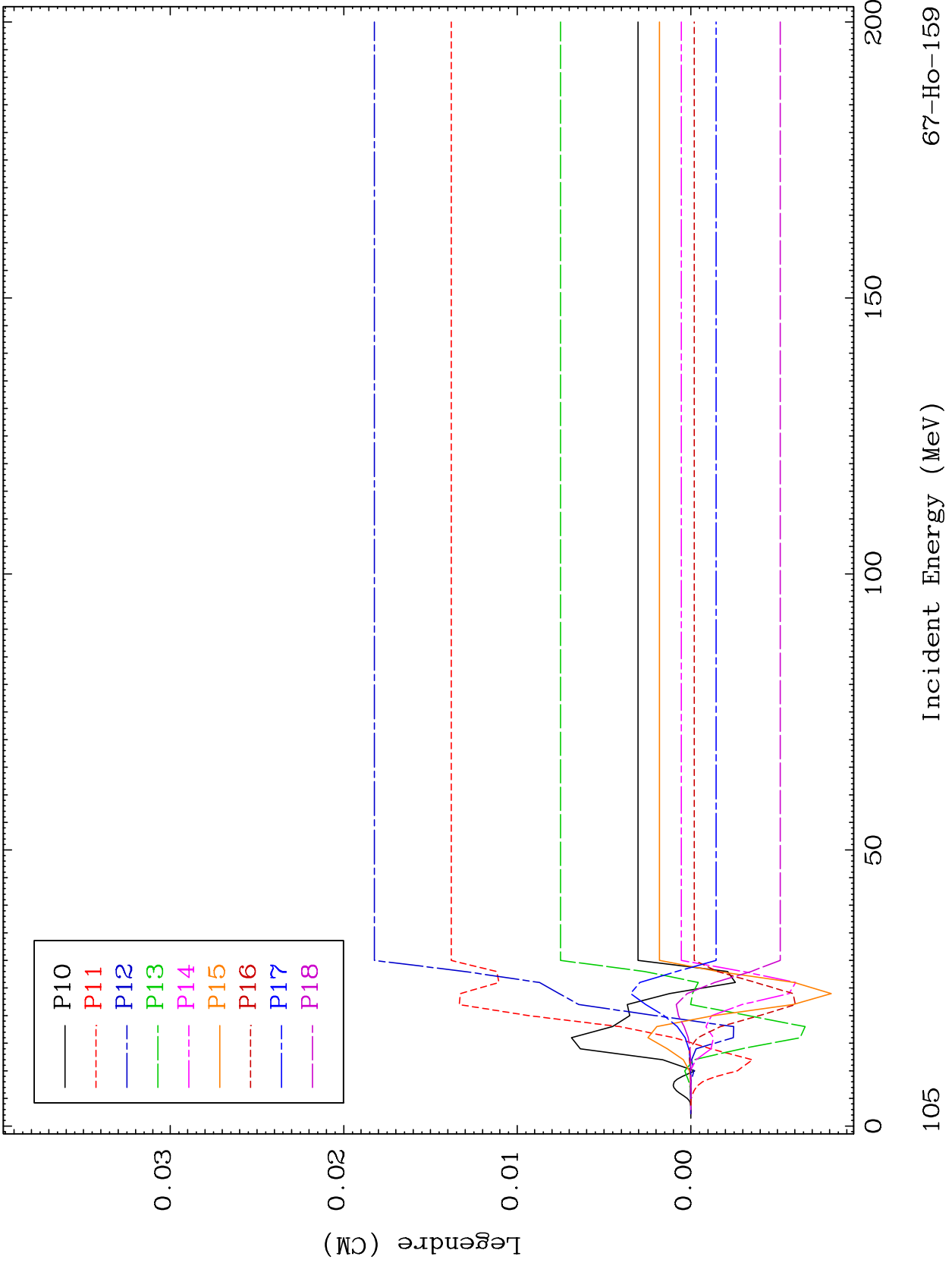
Incident Energy (MeV)

104

MAT 6707

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

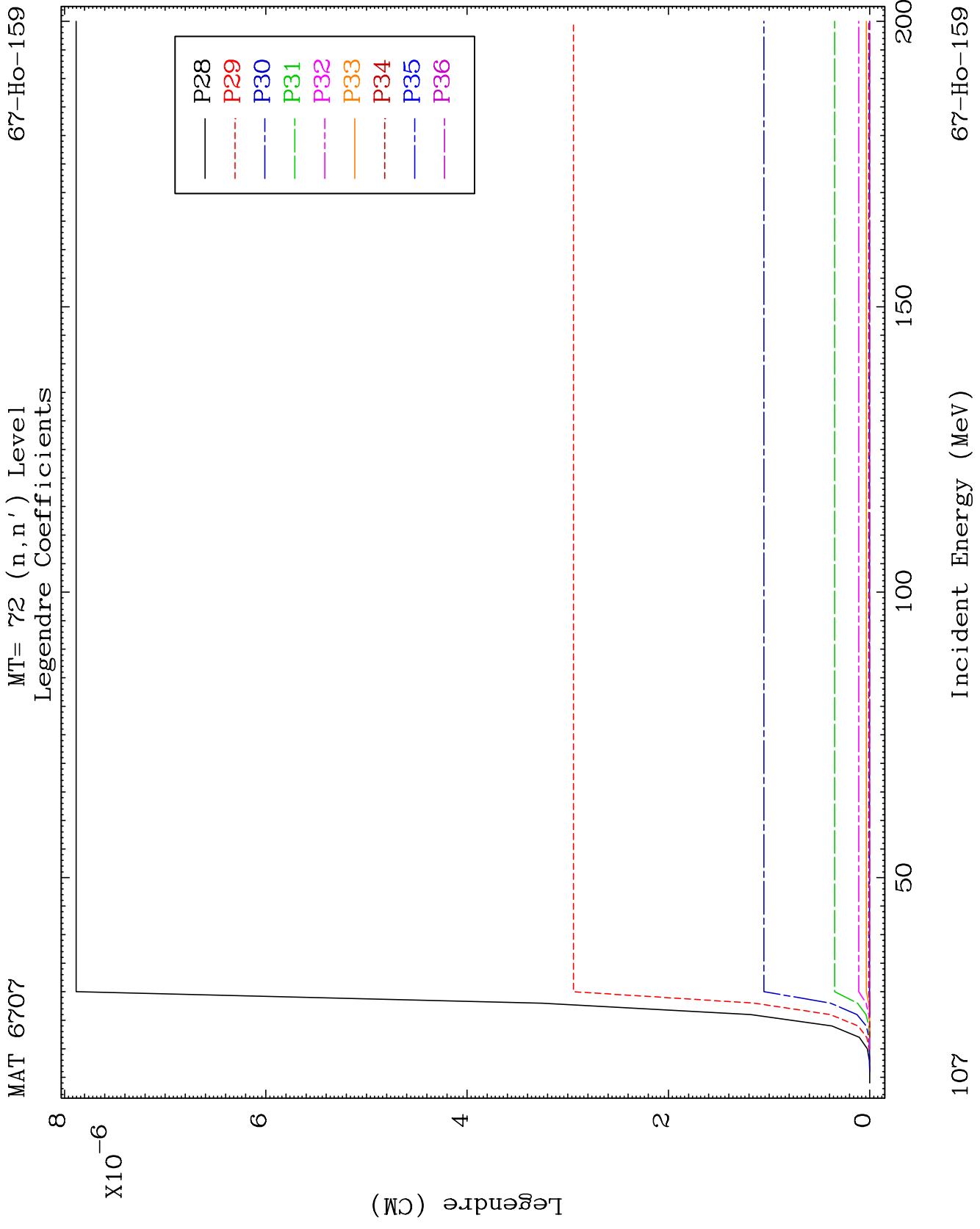
67-Ho-159



67-Ho-159

Incident Energy (MeV)

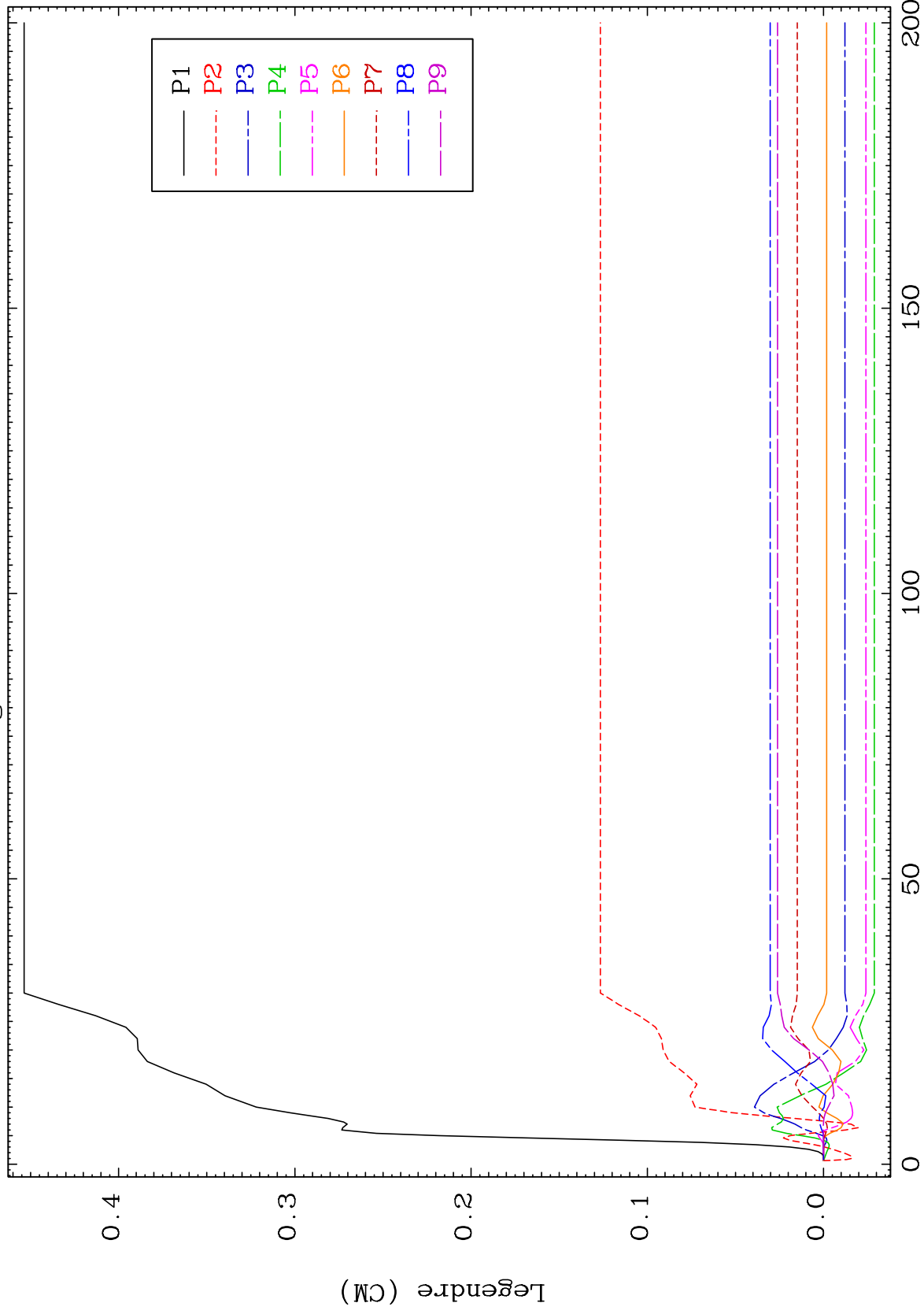
105



MAT 6707

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

67-Ho-159



67-Ho-159

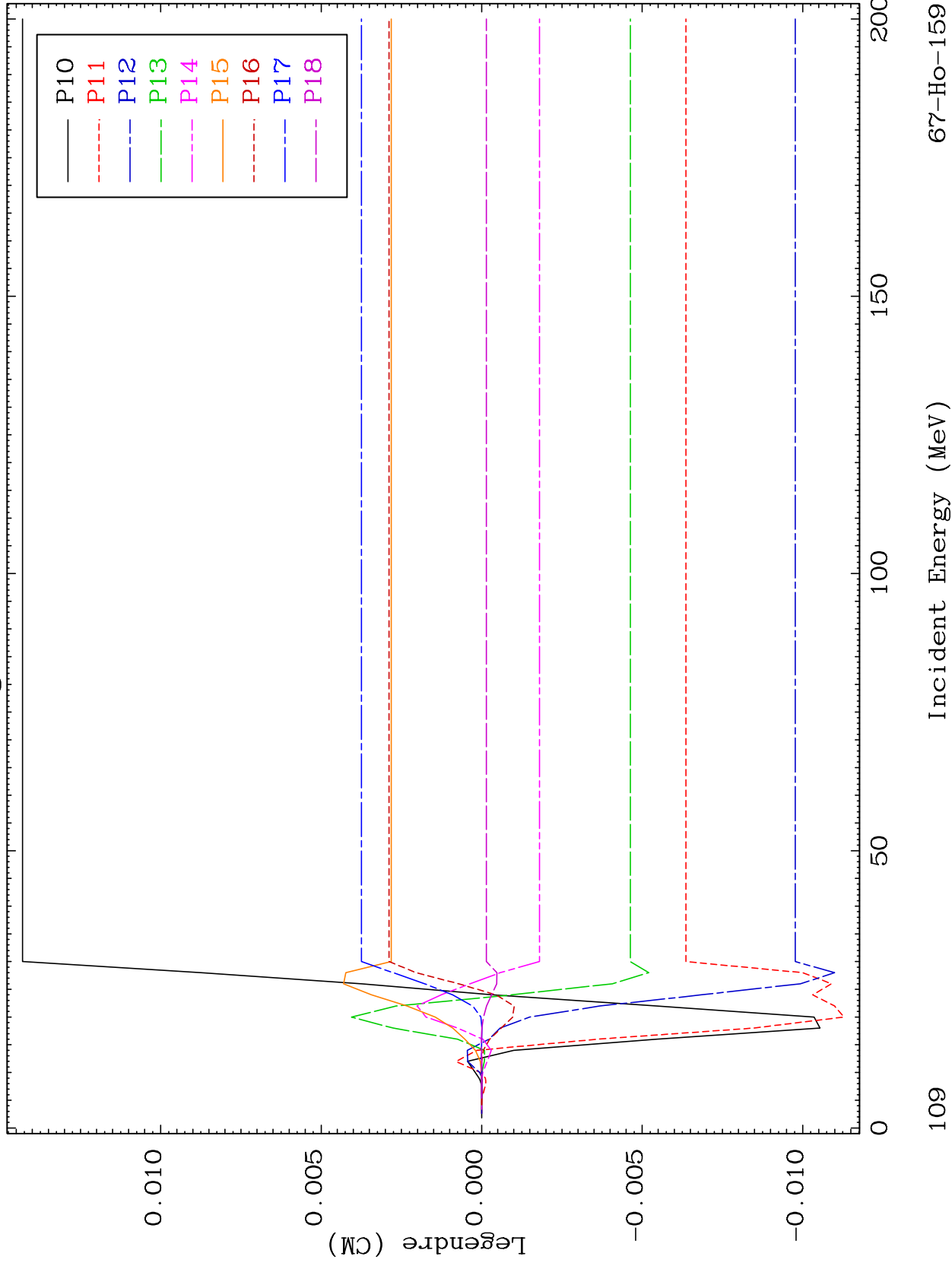
Incident Energy (MeV)

108

MAT 6707

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

67-Ho-159



67-Ho-159

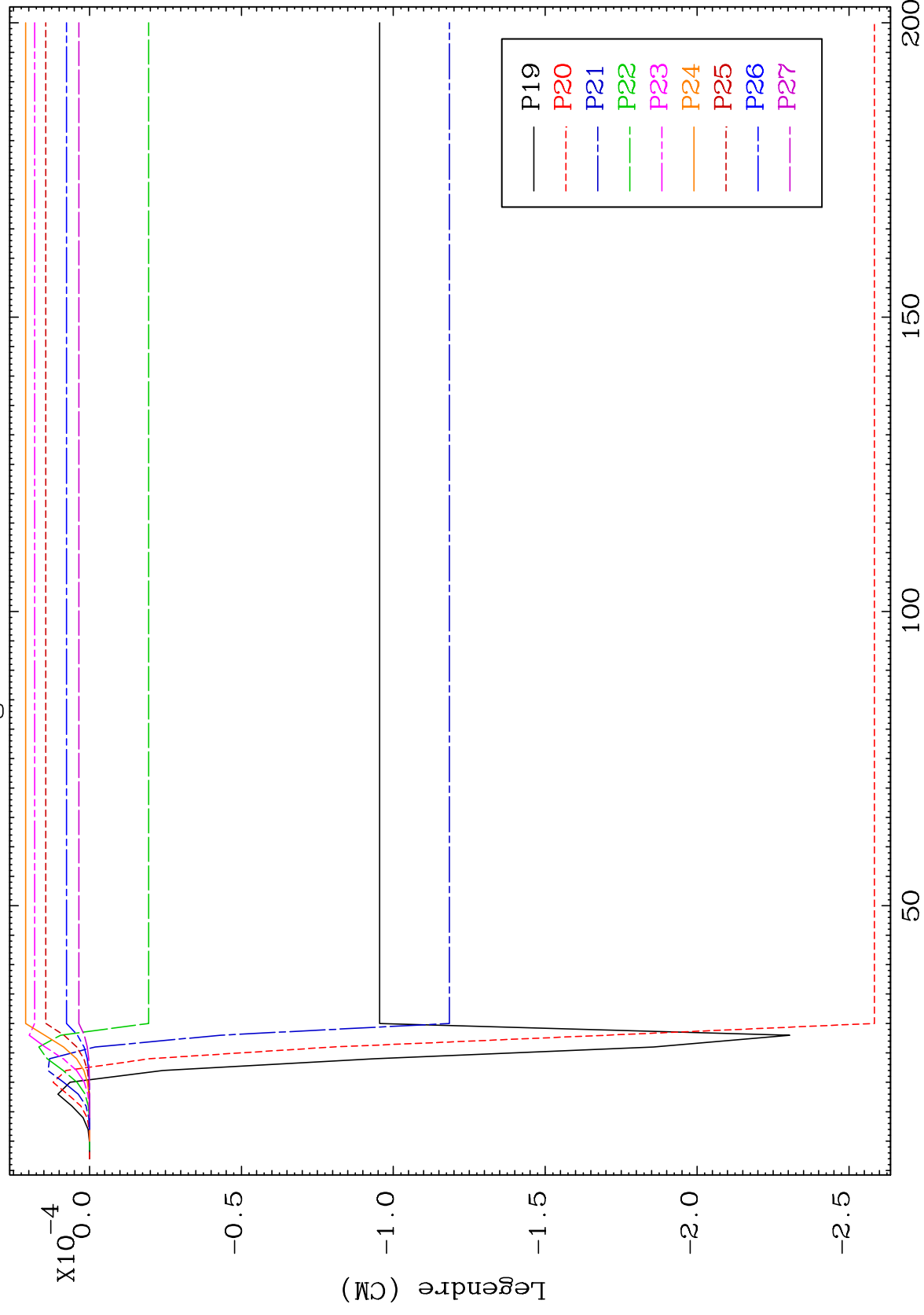
Incident Energy (MeV)

109

MAT 6707

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

67-Ho-159



110

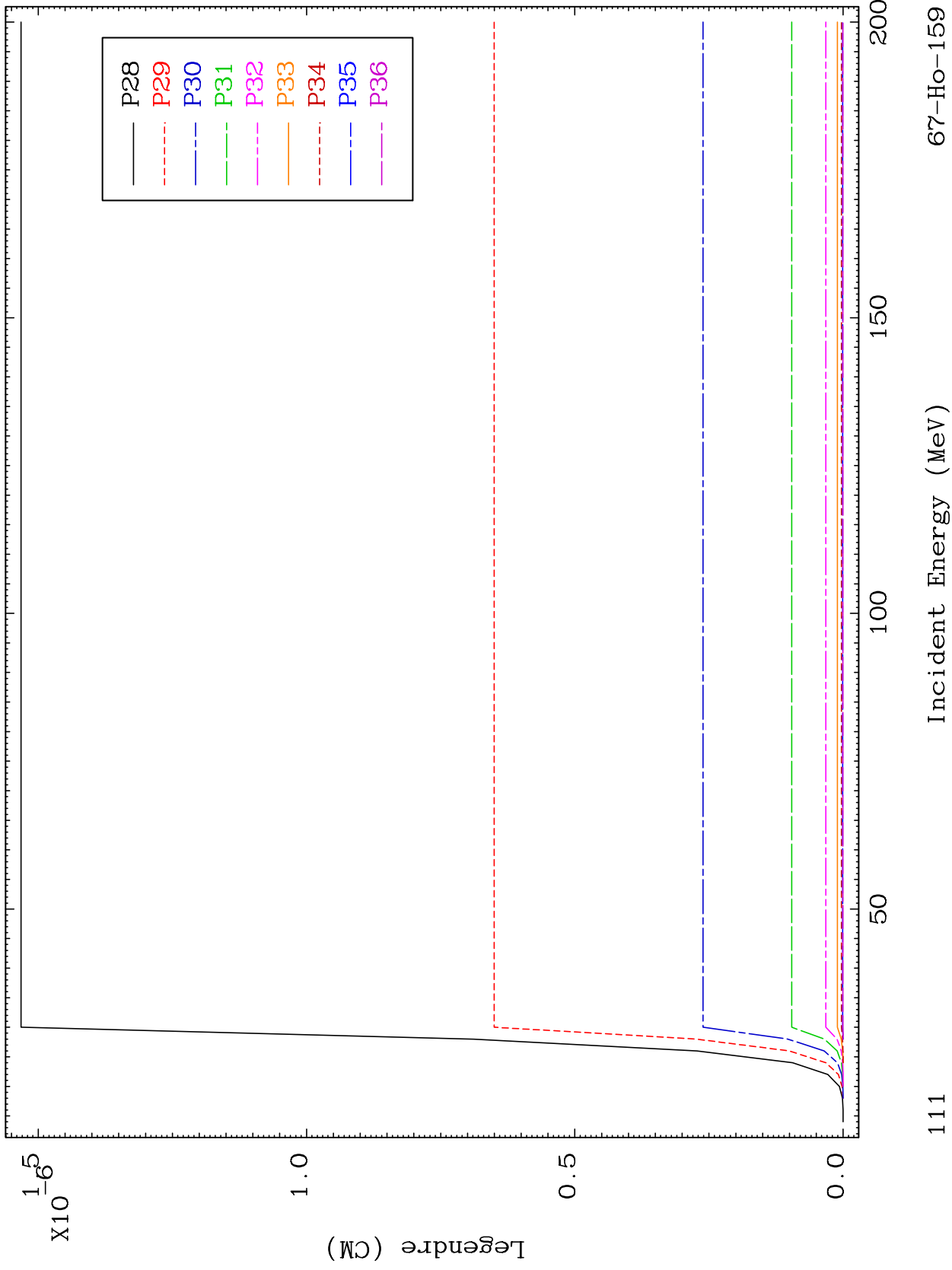
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

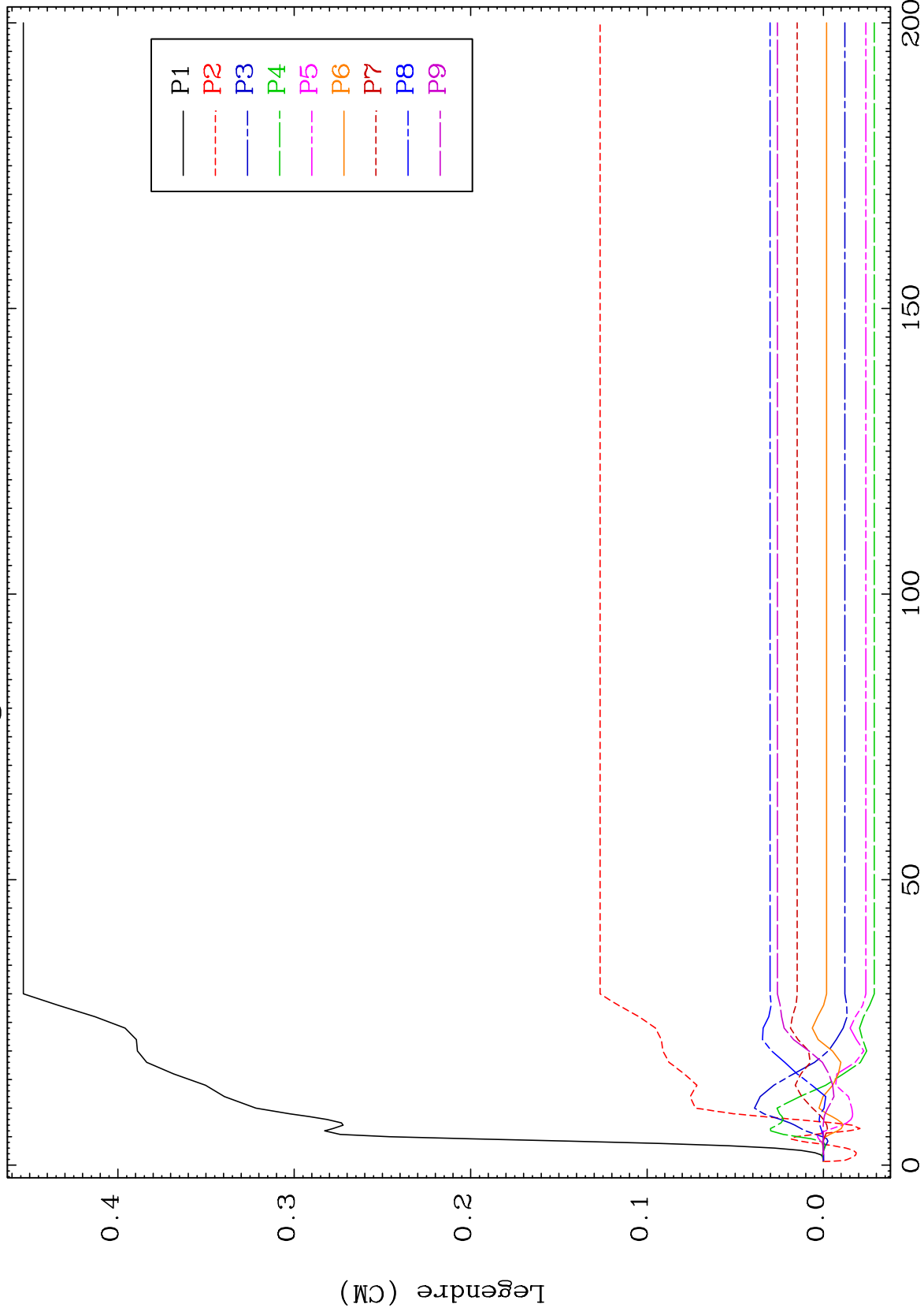
67-Ho-159



MAT 6707

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

67-Ho-159



67-Ho-159

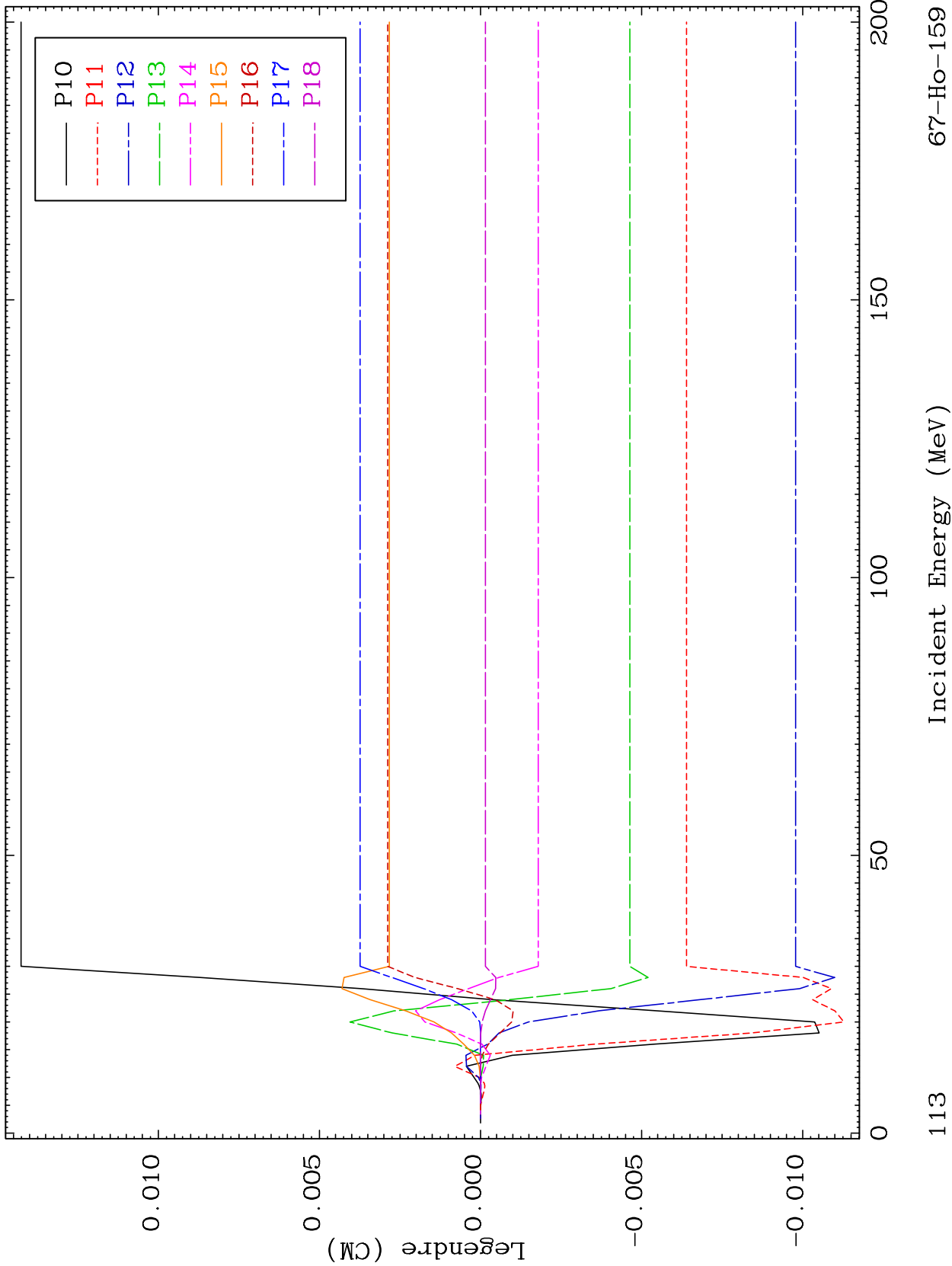
Incident Energy (MeV)

112

MAT 6707

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

67-Ho-159



113

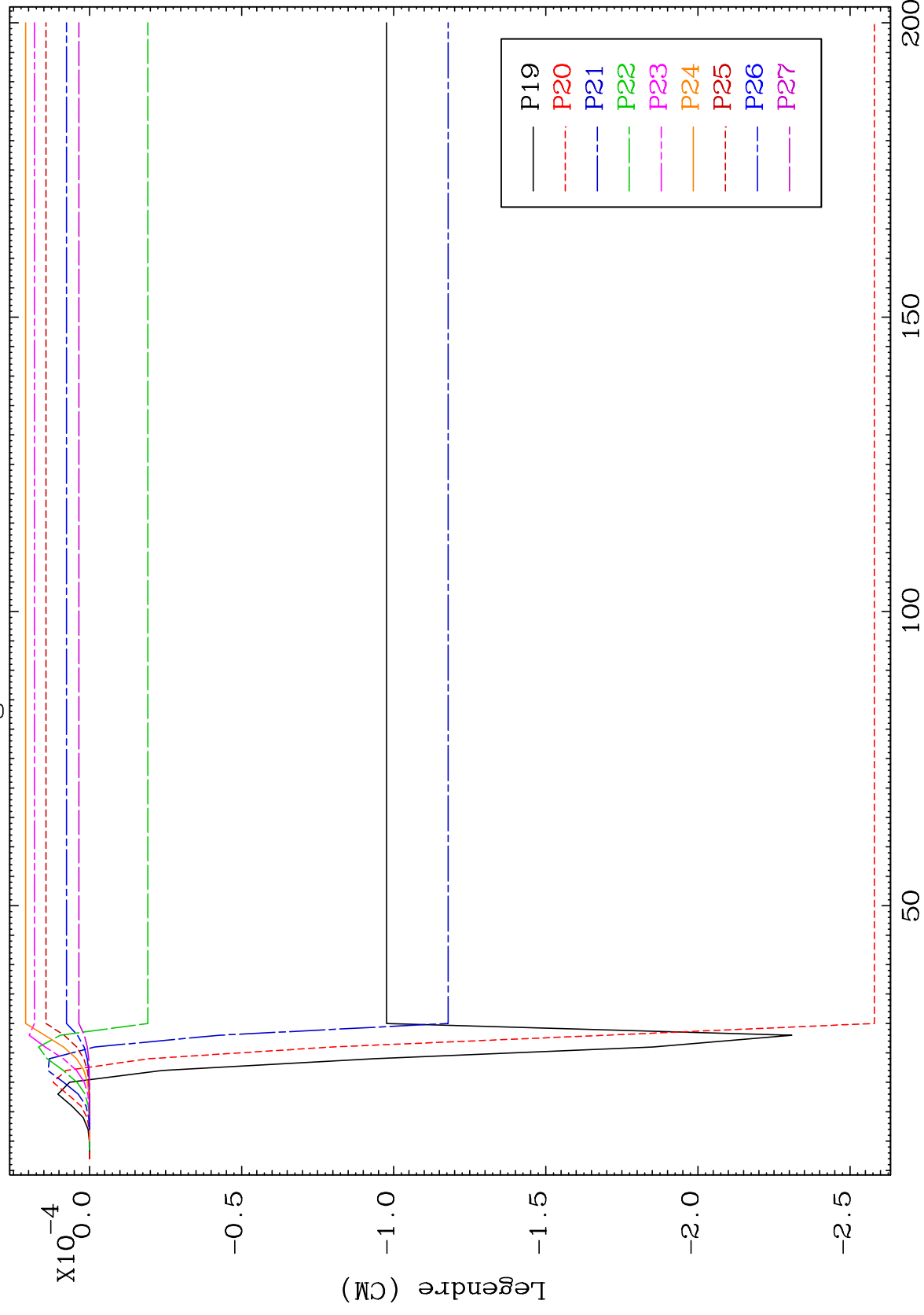
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



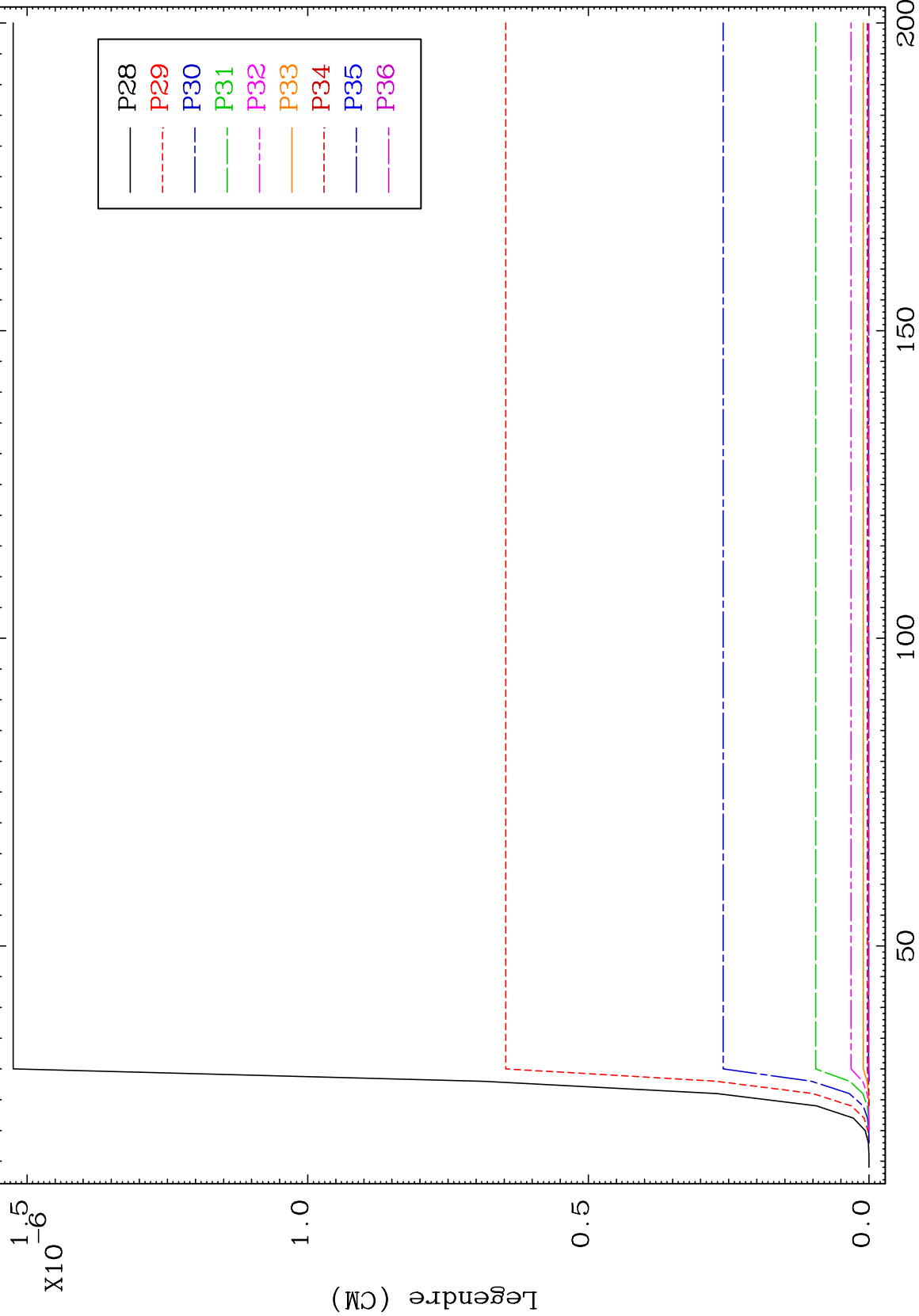
114

67-Ho-159

MAT 6707

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

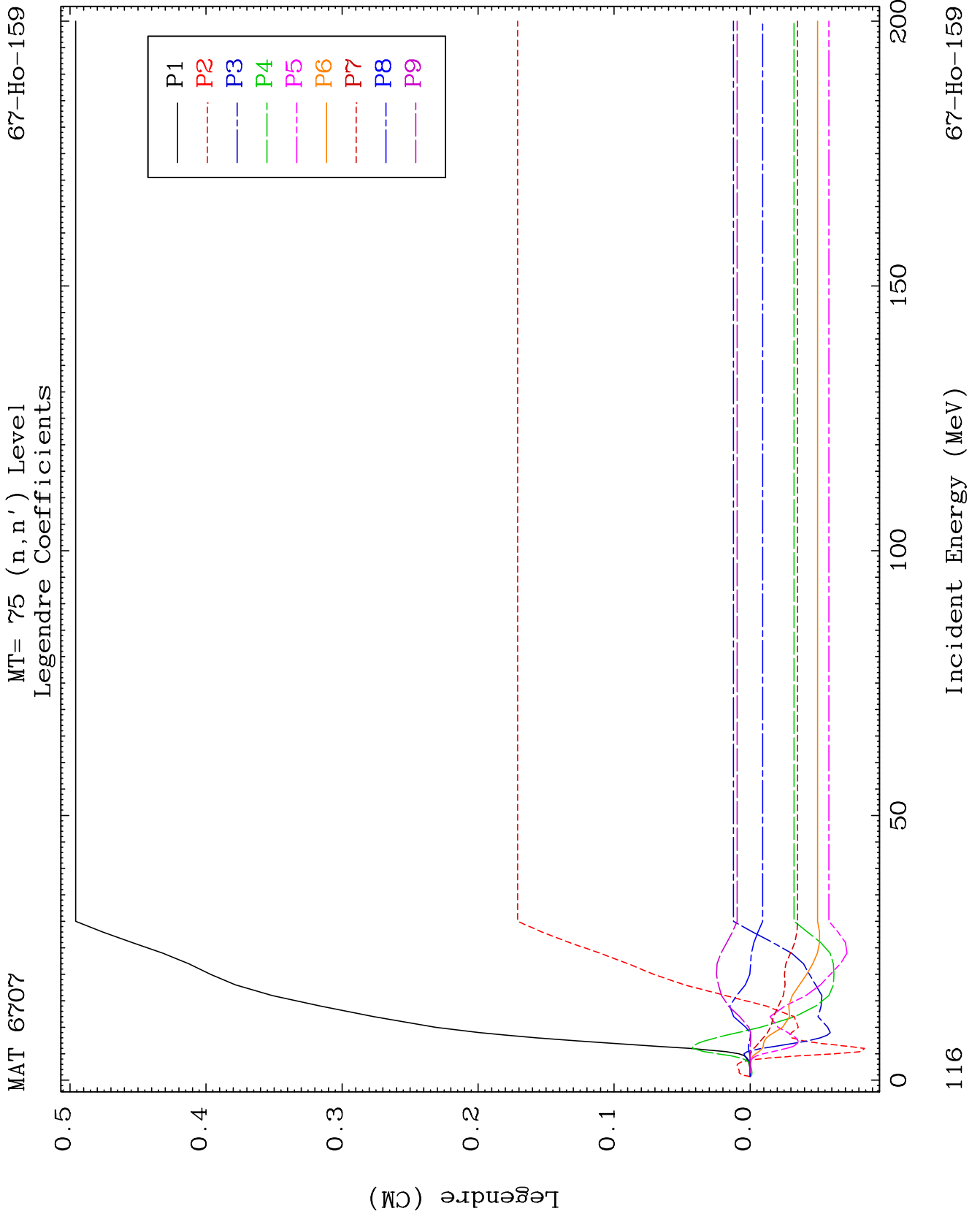
67-Ho-159



115

Incident Energy (MeV)

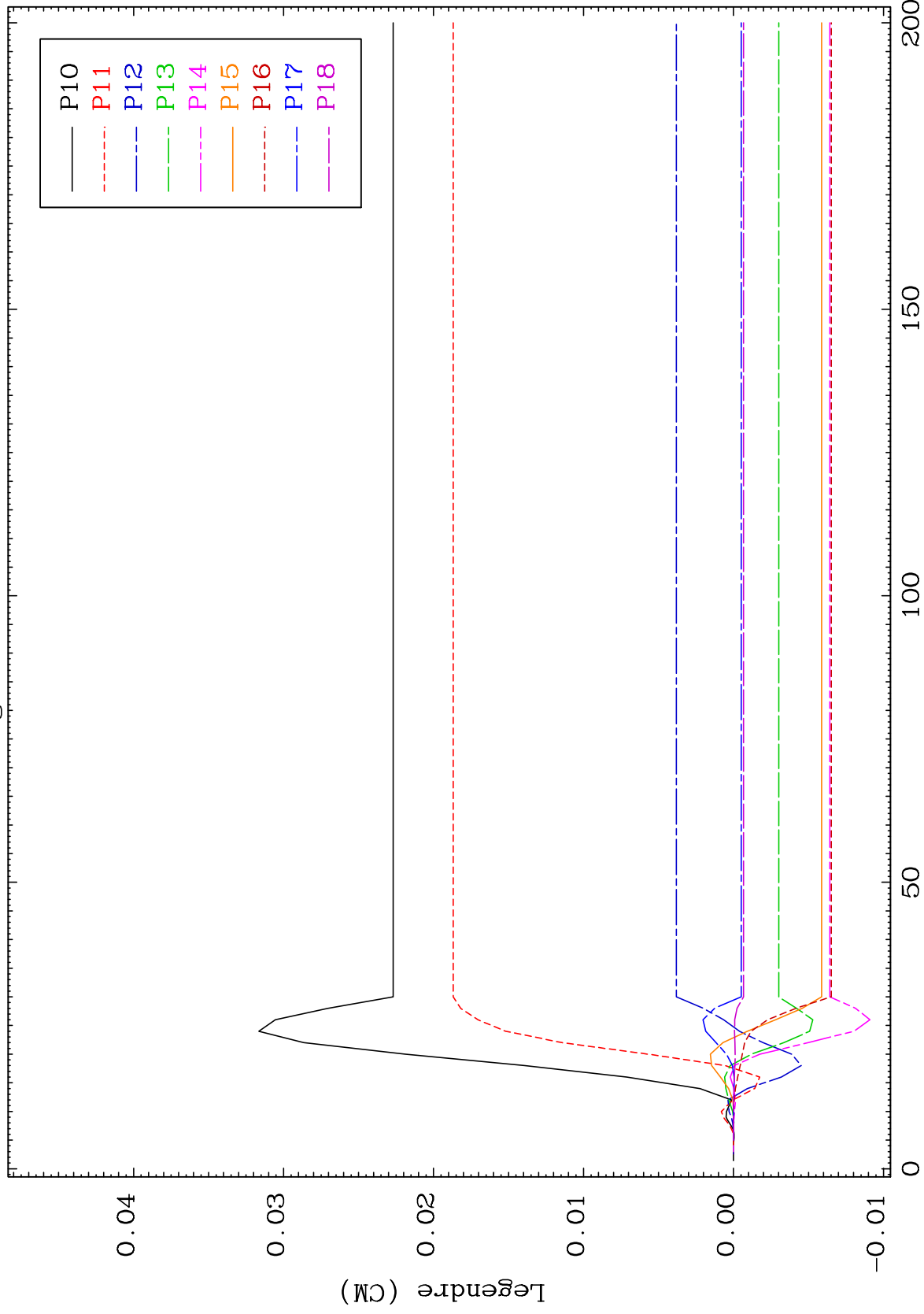
67-Ho-159



MAT 6707

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

67-Ho-159



117

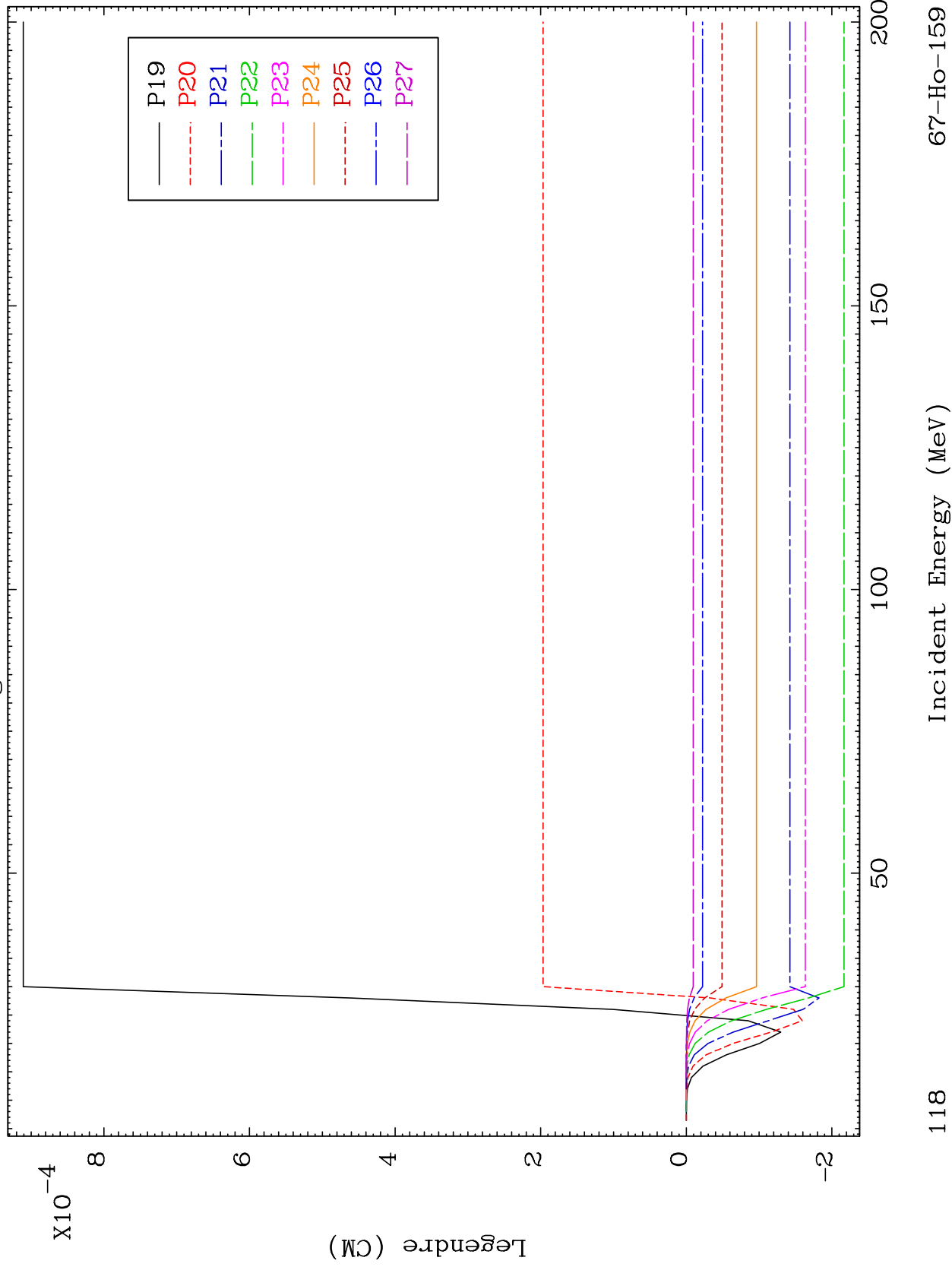
Incident Energy (MeV)

67-Ho-159

MAT 6707

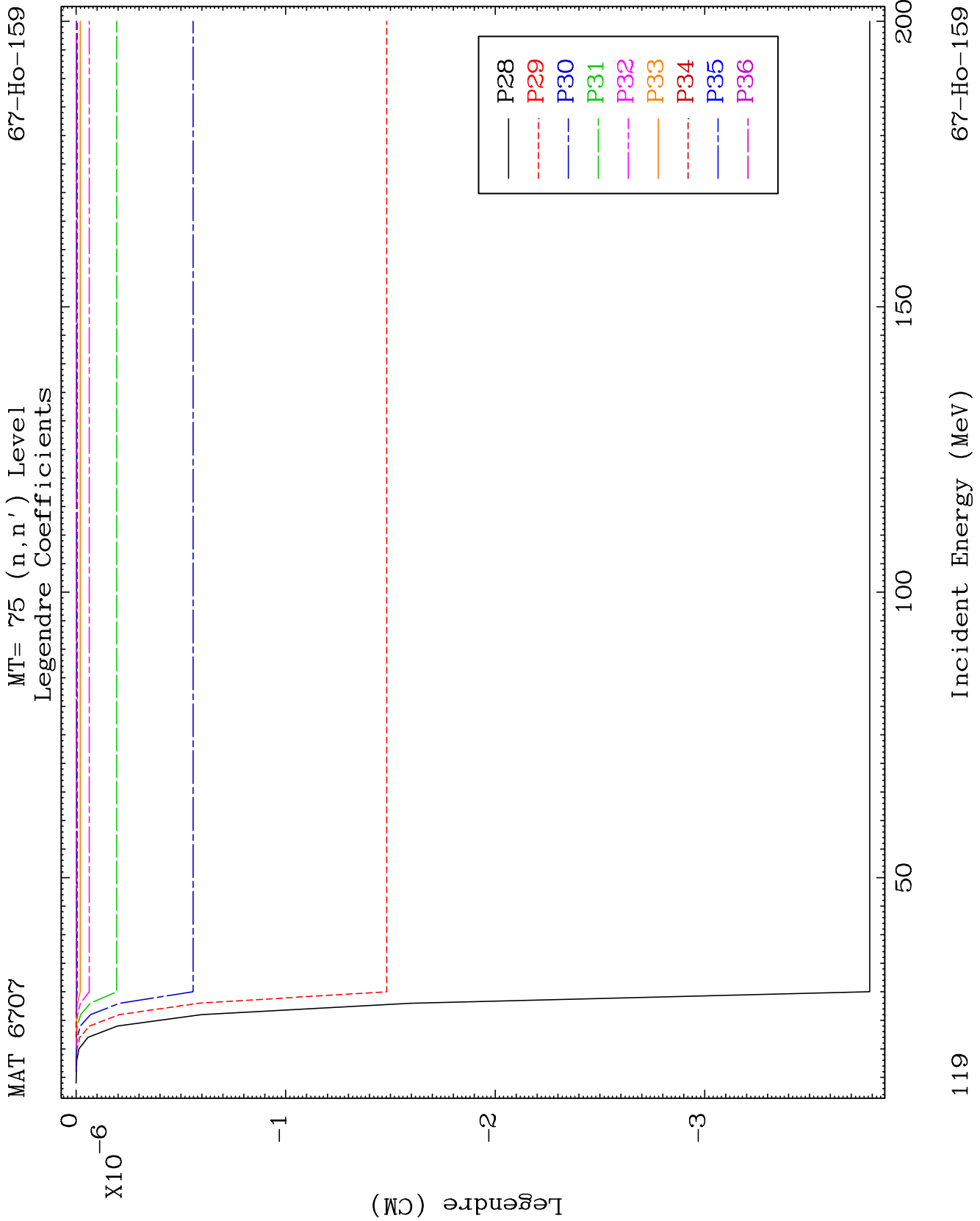
MT= 75 (n,n') Level
Legendre Coefficients

67-Ho-159



118

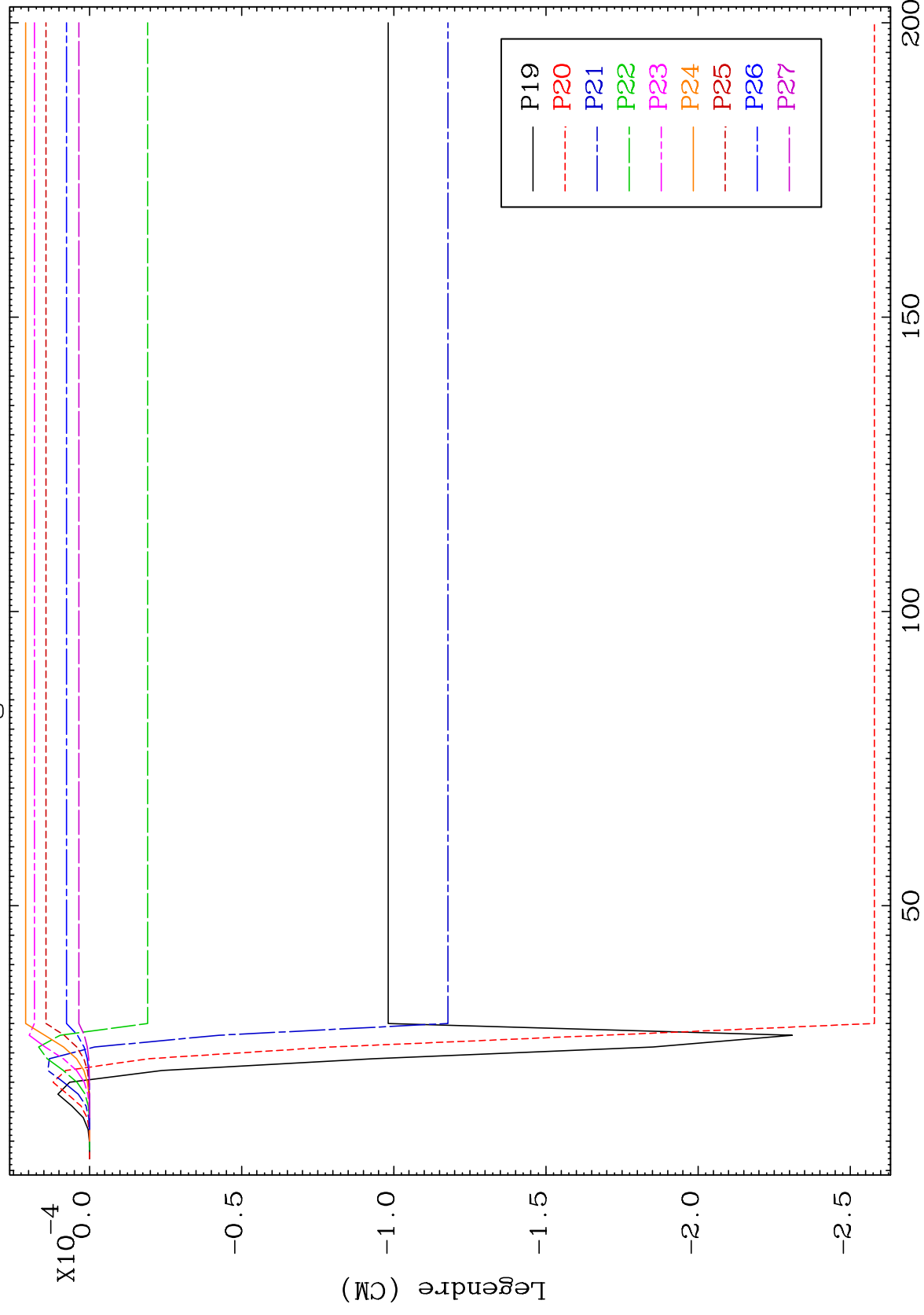
67-Ho-159



MAT 6707

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

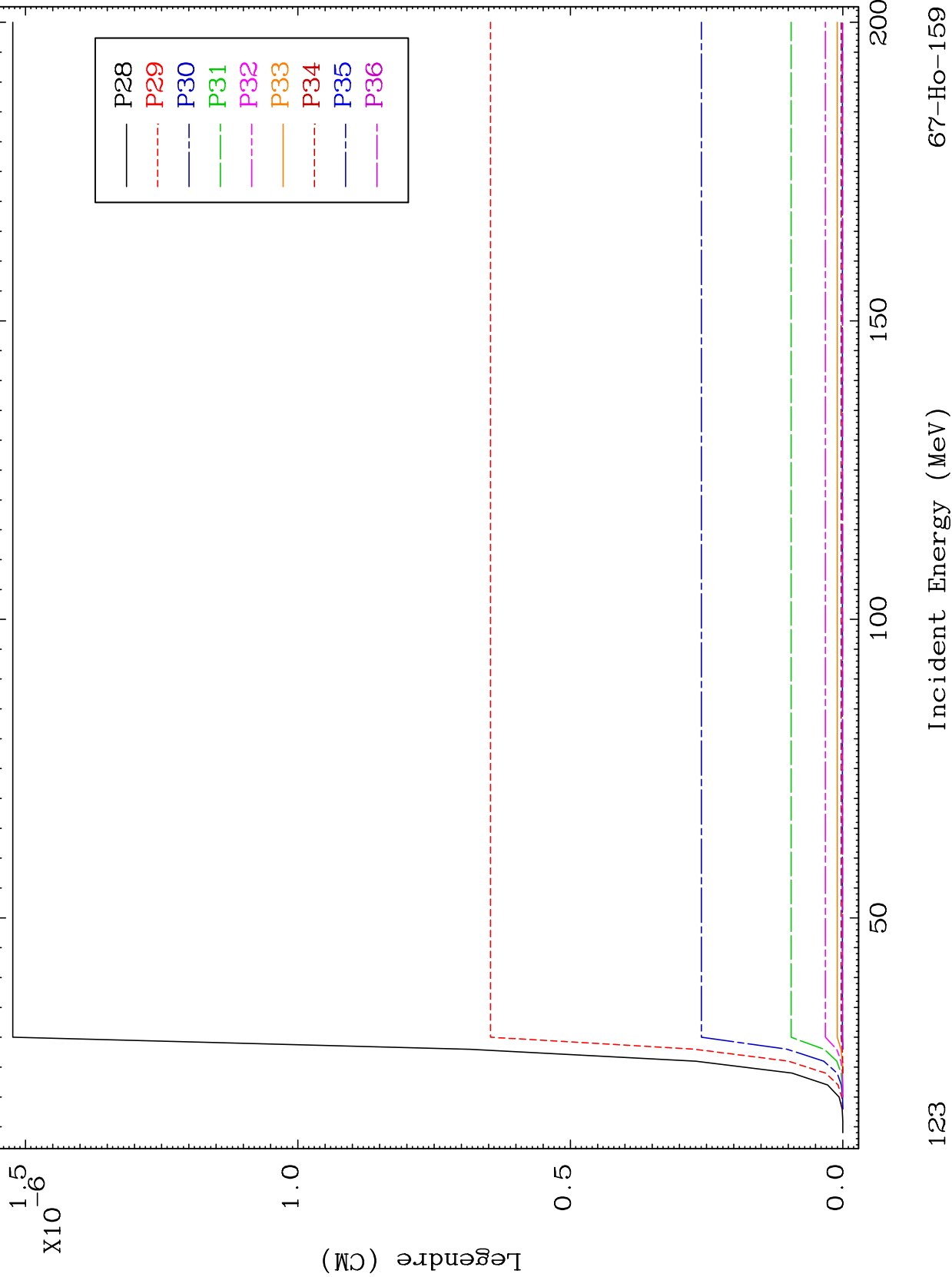
67-Ho-159



MAT 6707

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

67-Ho-159



123

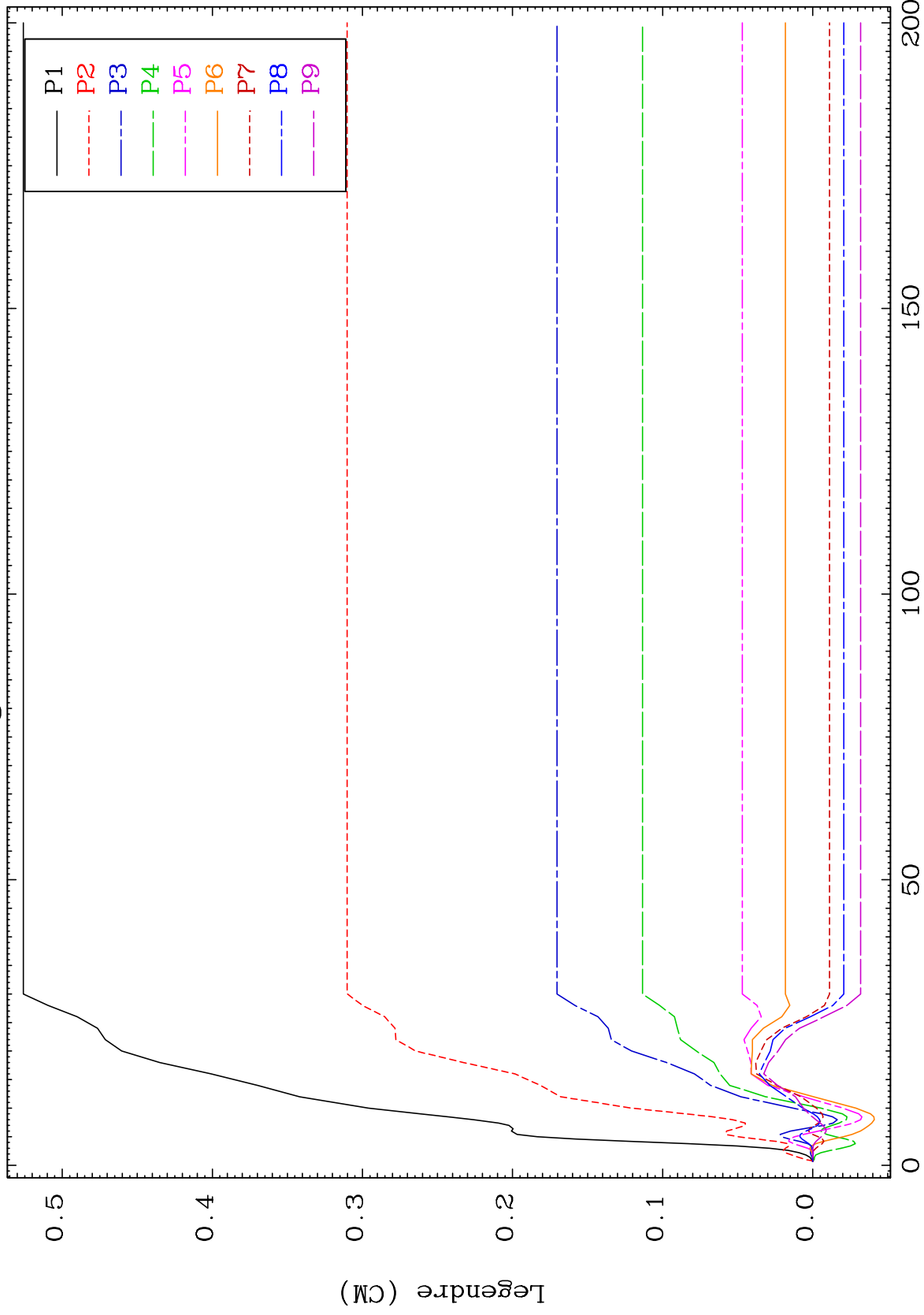
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



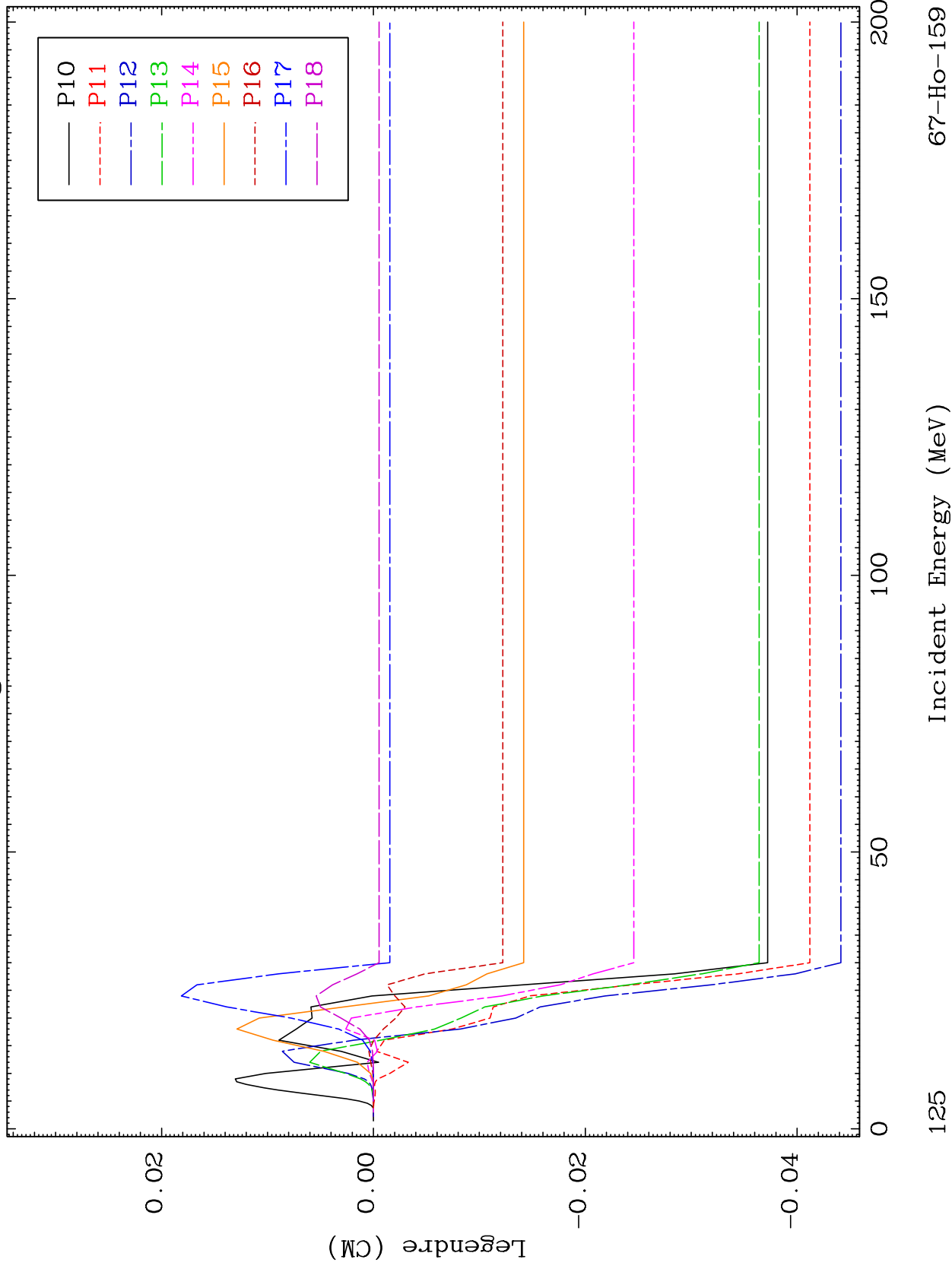
124

67-Ho-159

MAT 6707

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

67-Ho-159



67-Ho-159

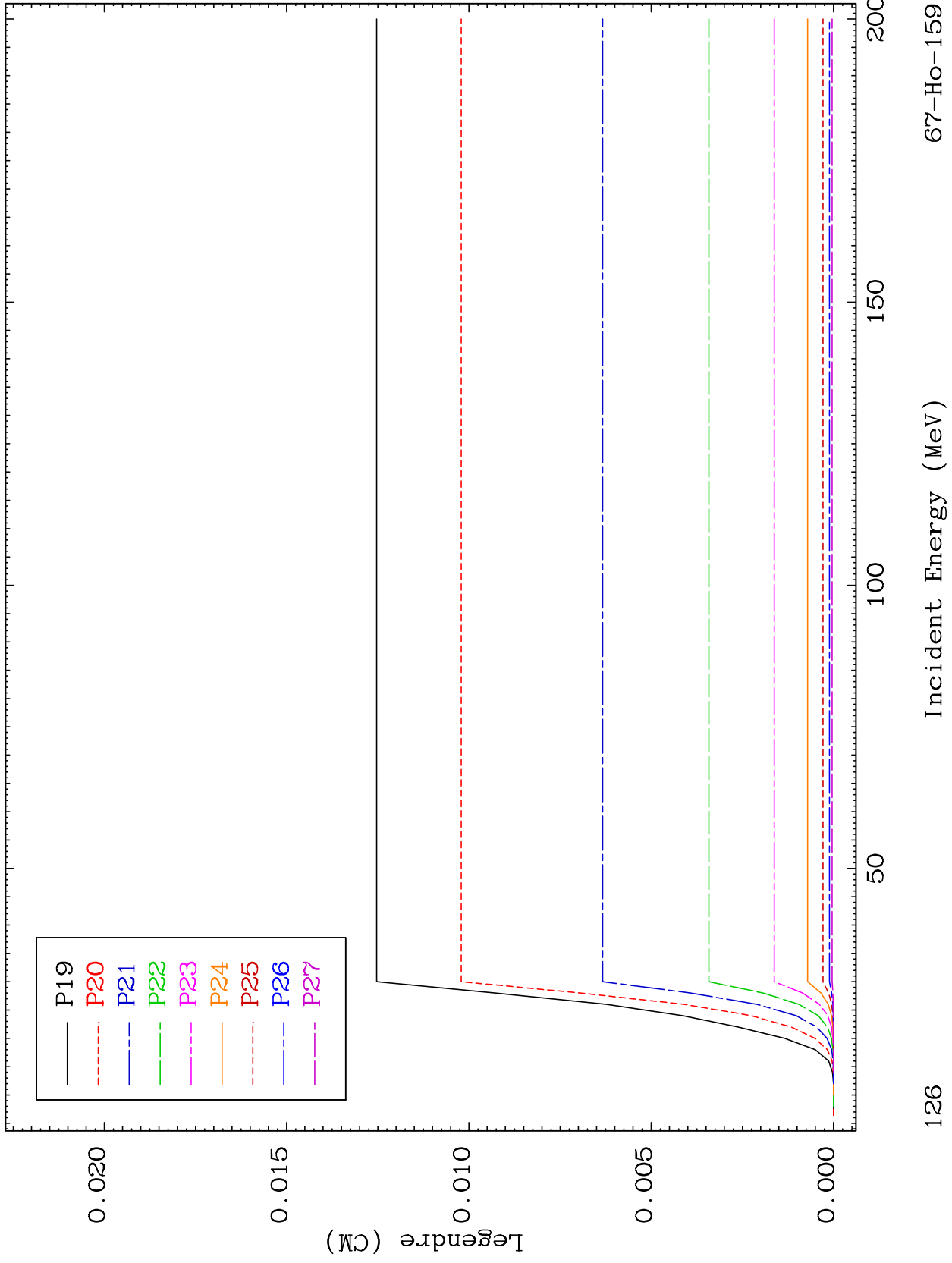
Incident Energy (MeV)

125

MAT 6707

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

67-Ho-159



126

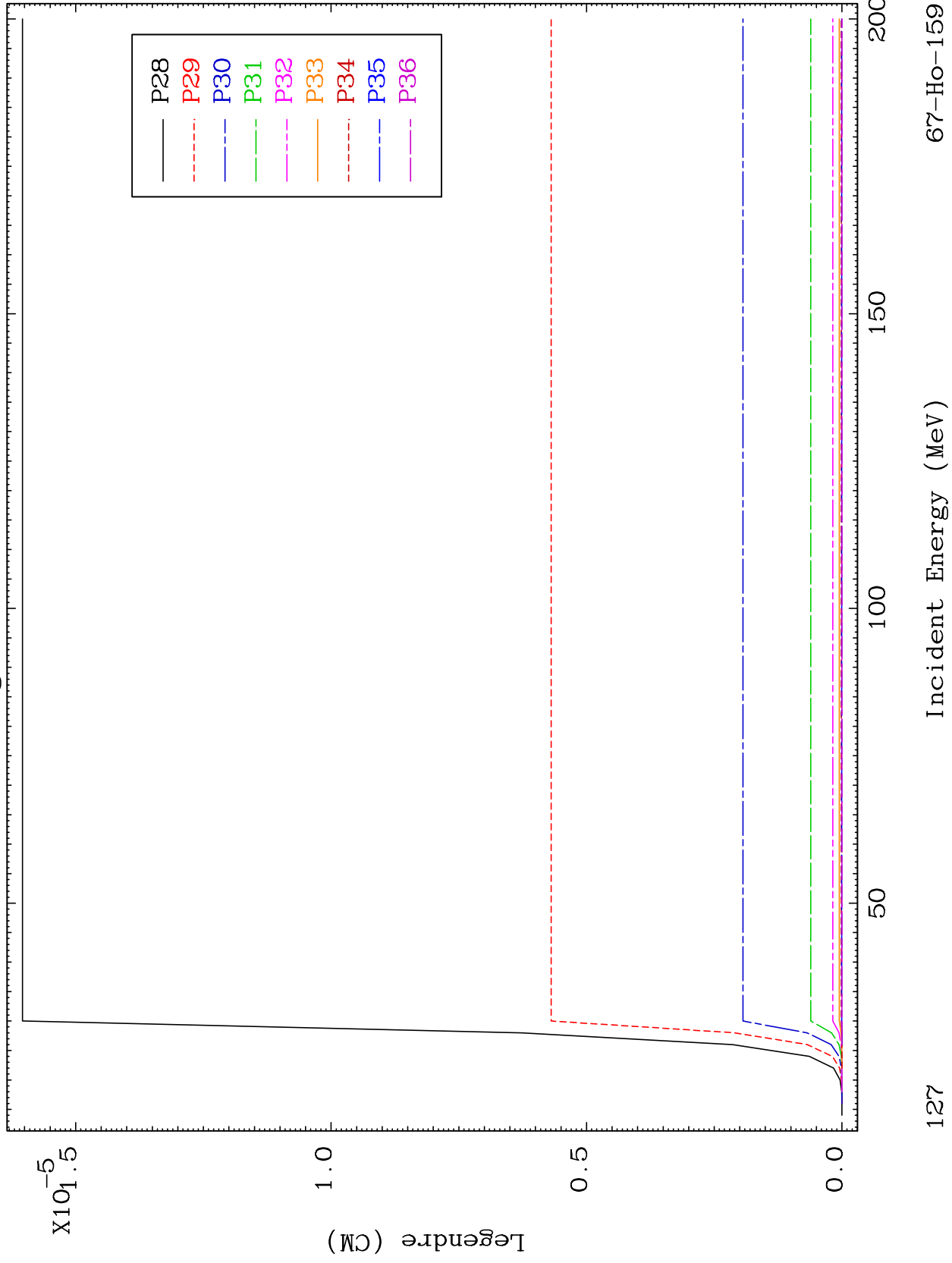
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

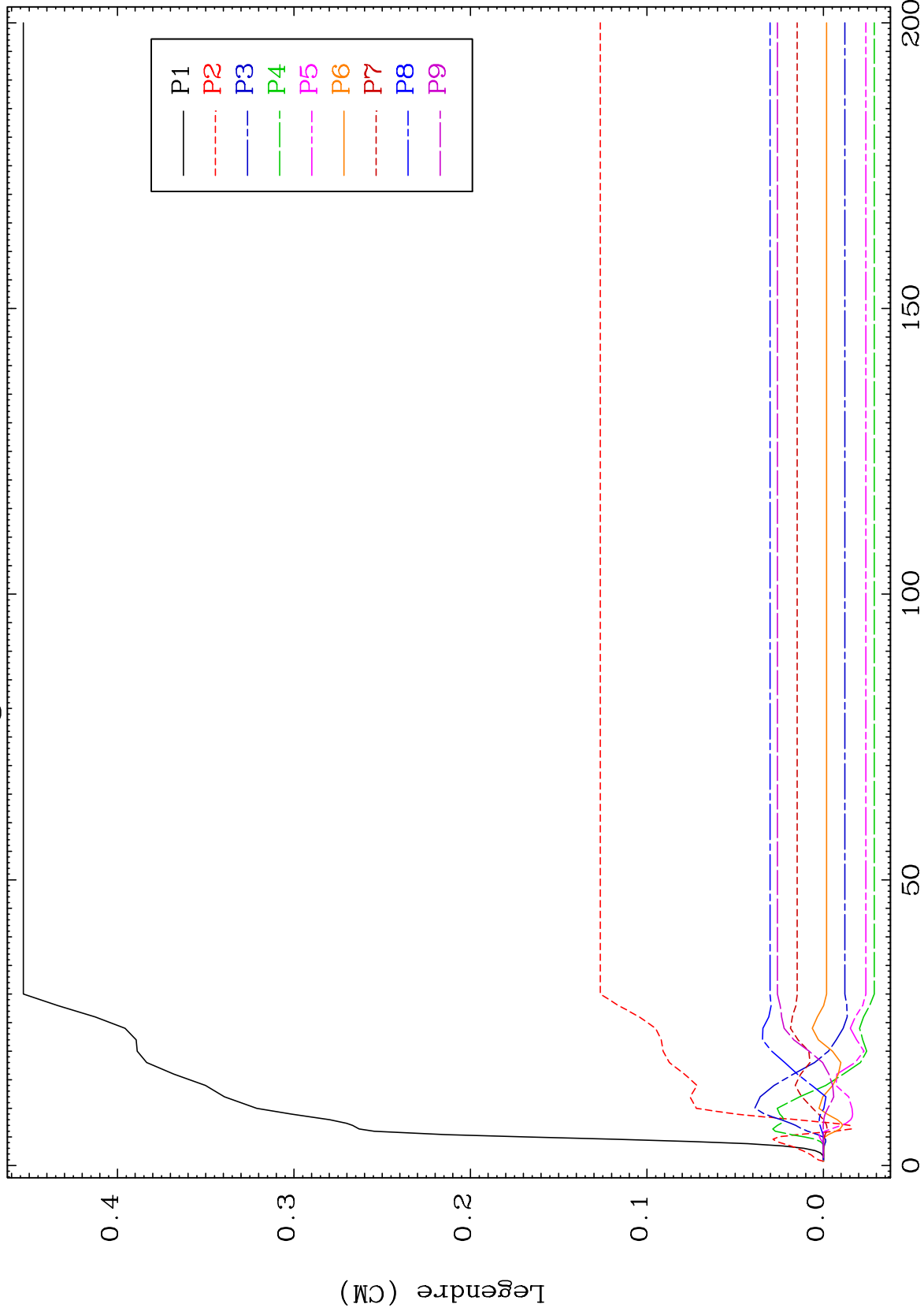
67-Ho-159



MAT 6707

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

67-Ho-159



67-Ho-159

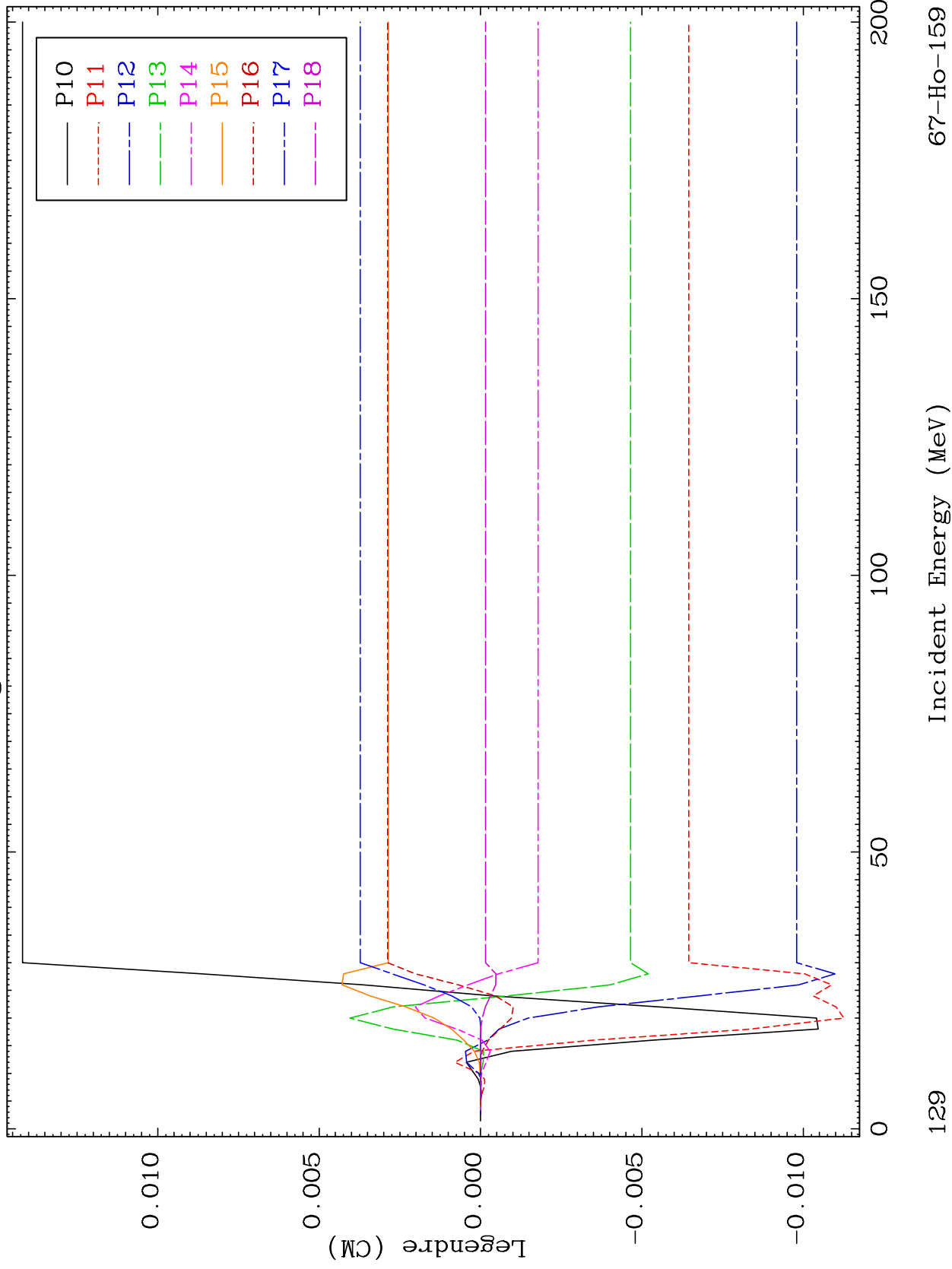
Incident Energy (MeV)

128

MAT 6707

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

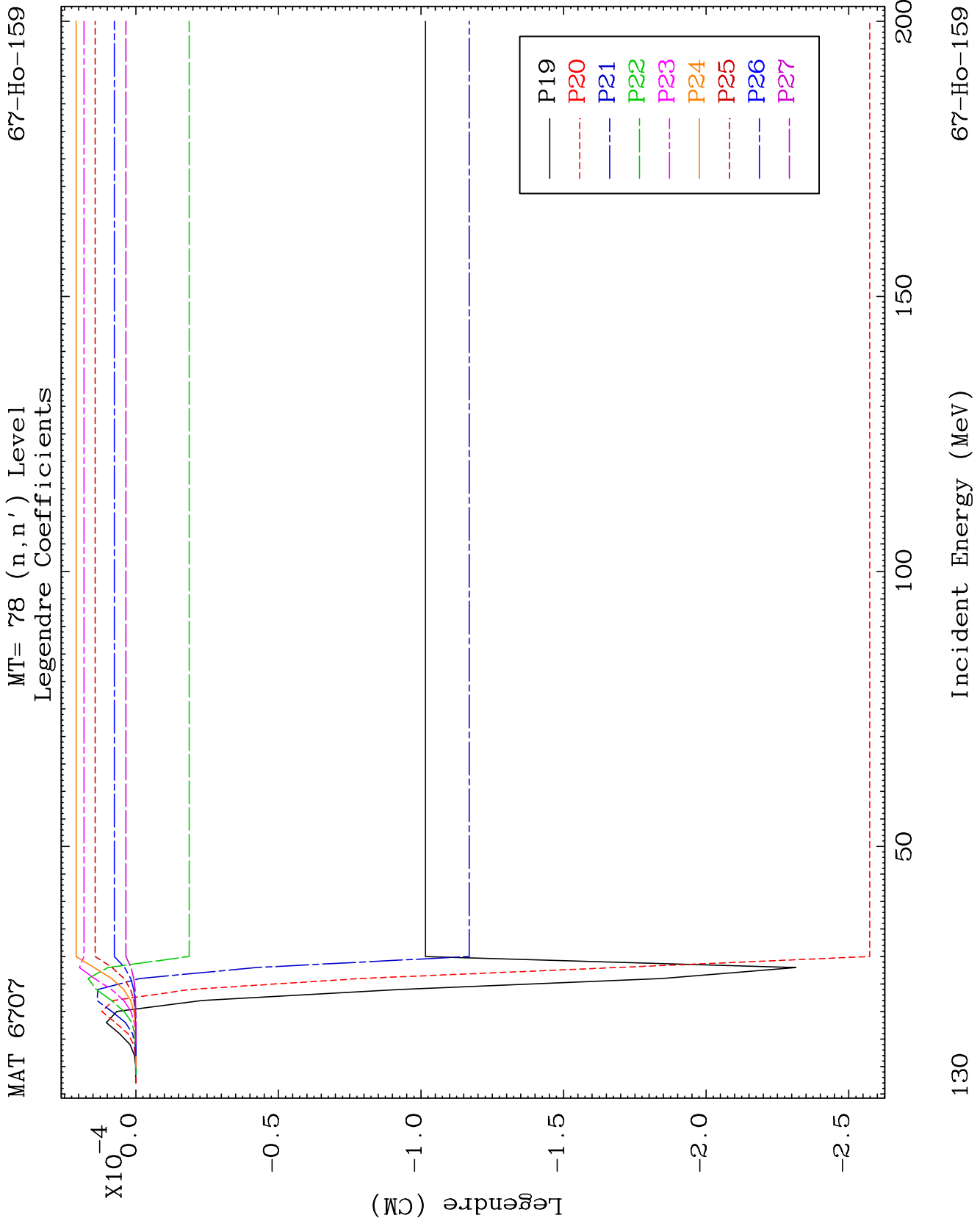
67-Ho-159



129

Incident Energy (MeV)

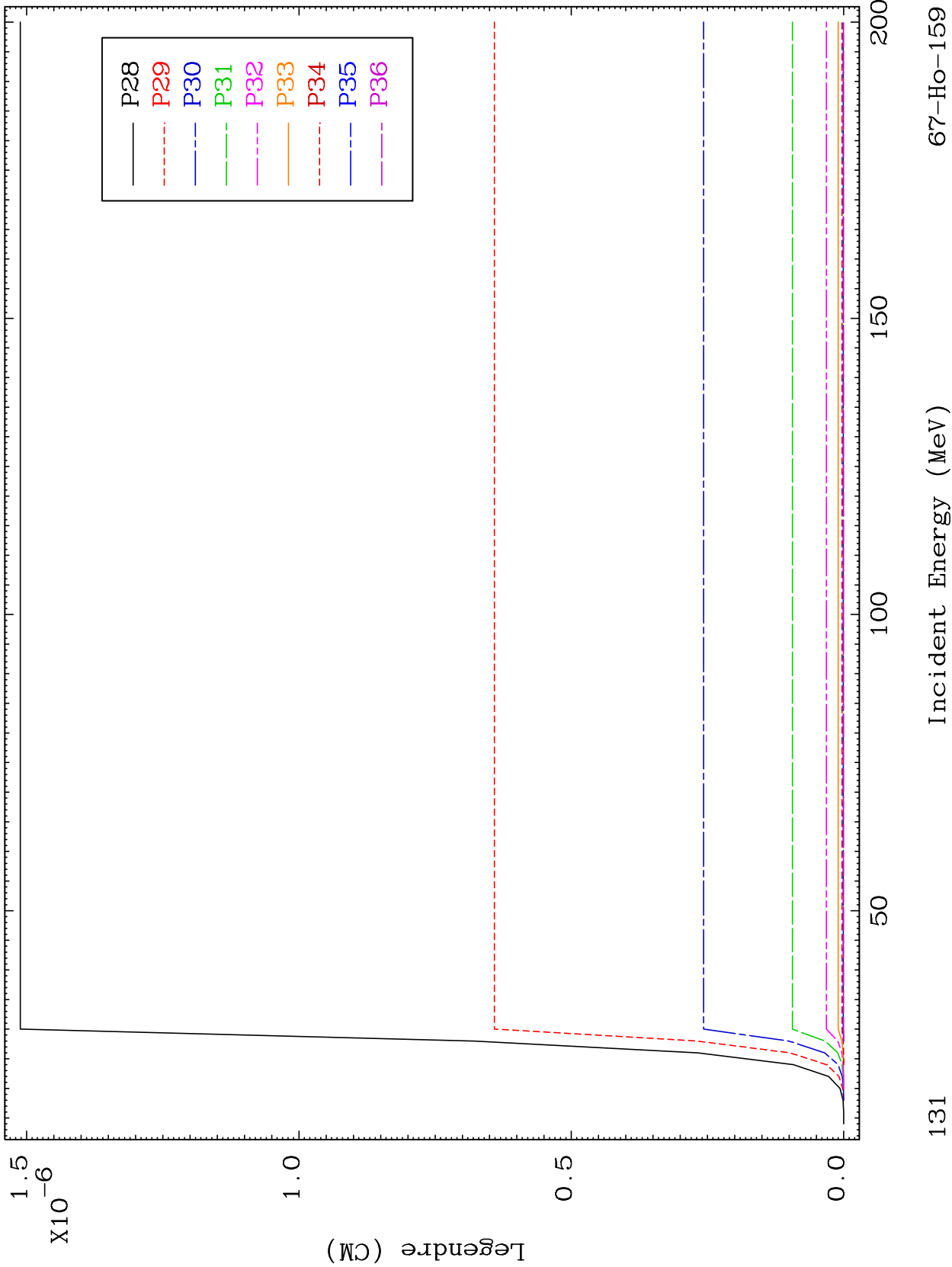
67-Ho-159



MAT 6707

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

67-Ho-159



131

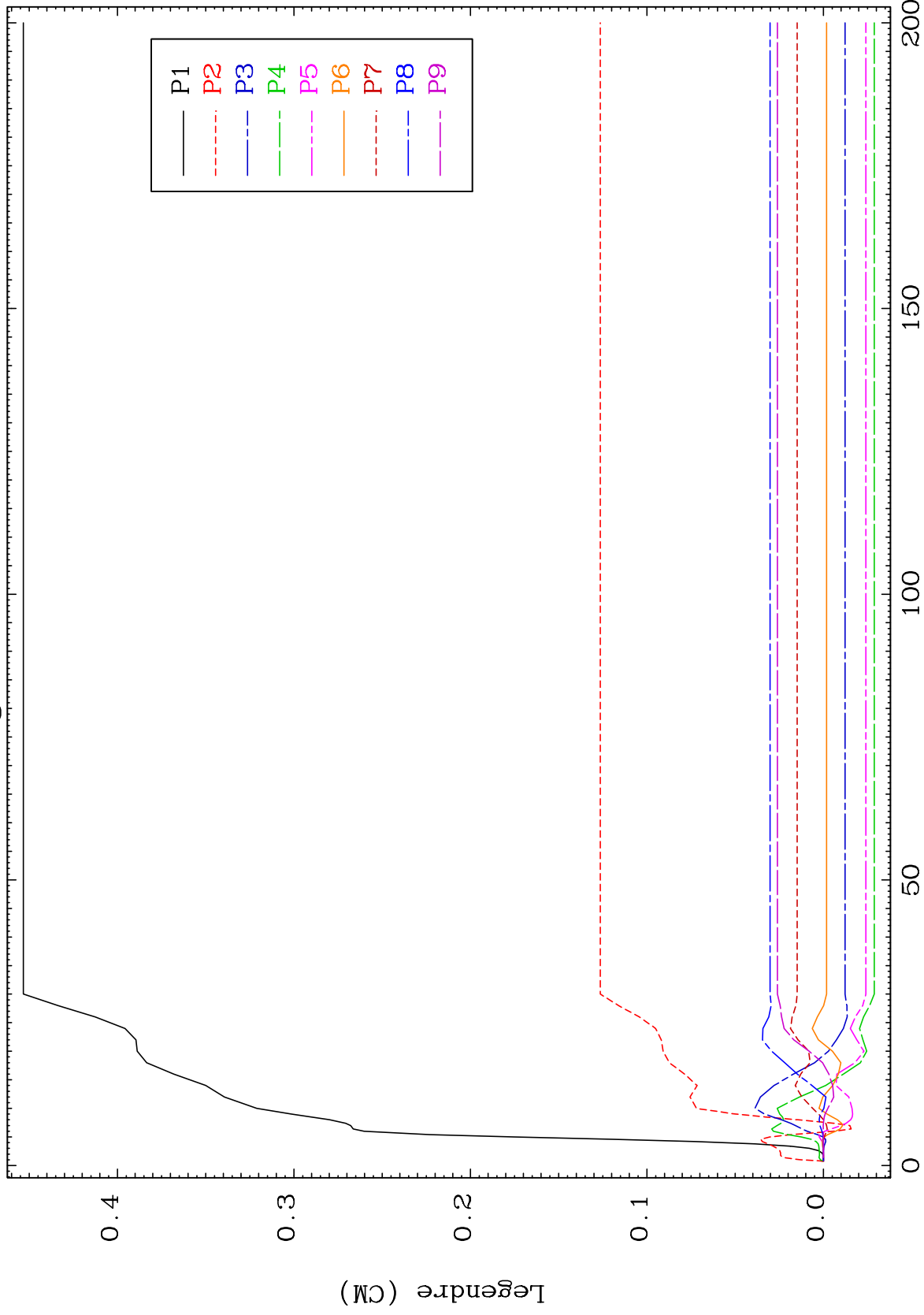
Incident Energy (MeV)

67-Ho-159

MAT 6707

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

67-Ho-159



67-Ho-159

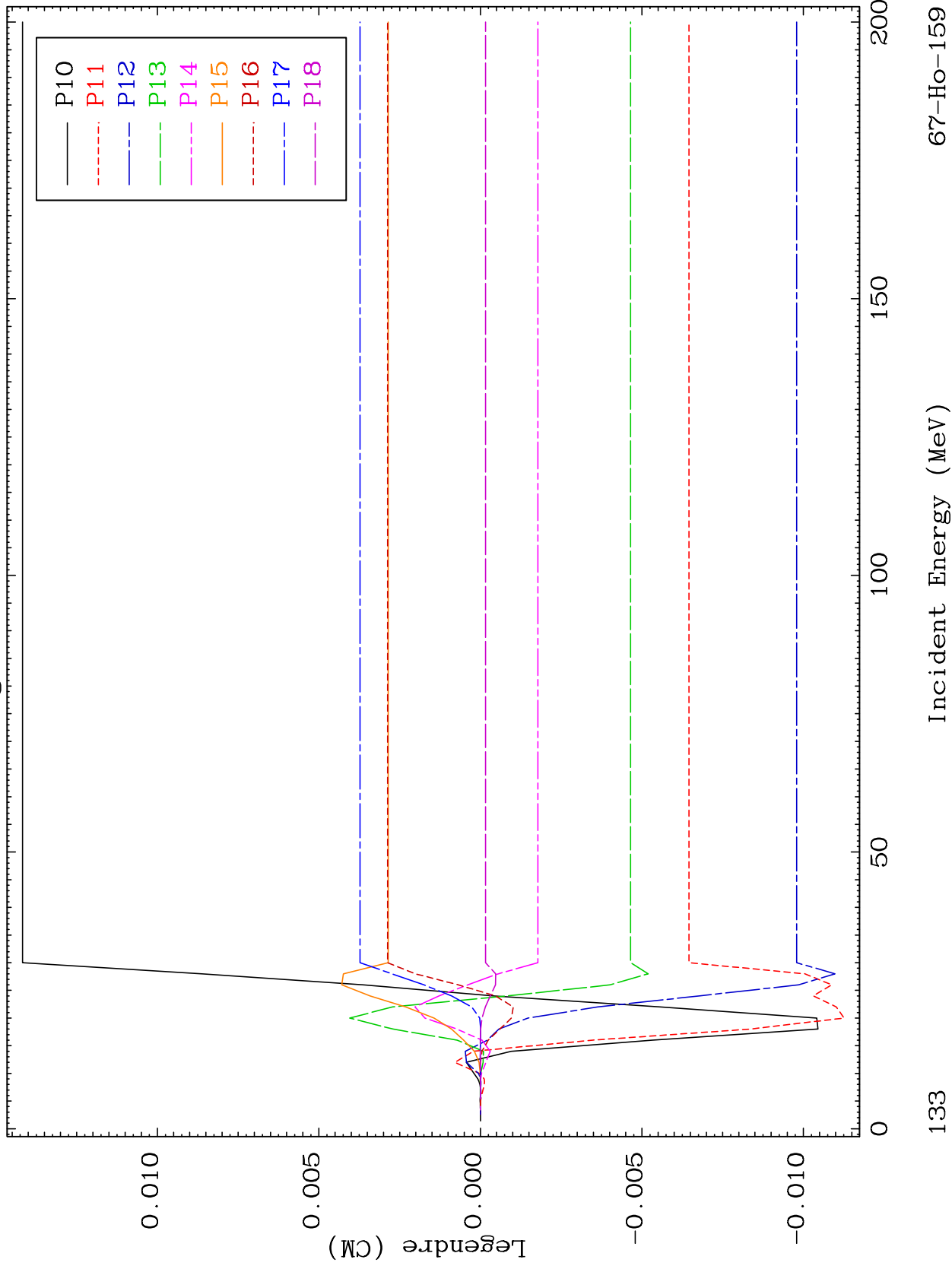
Incident Energy (MeV)

132

MAT 6707

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

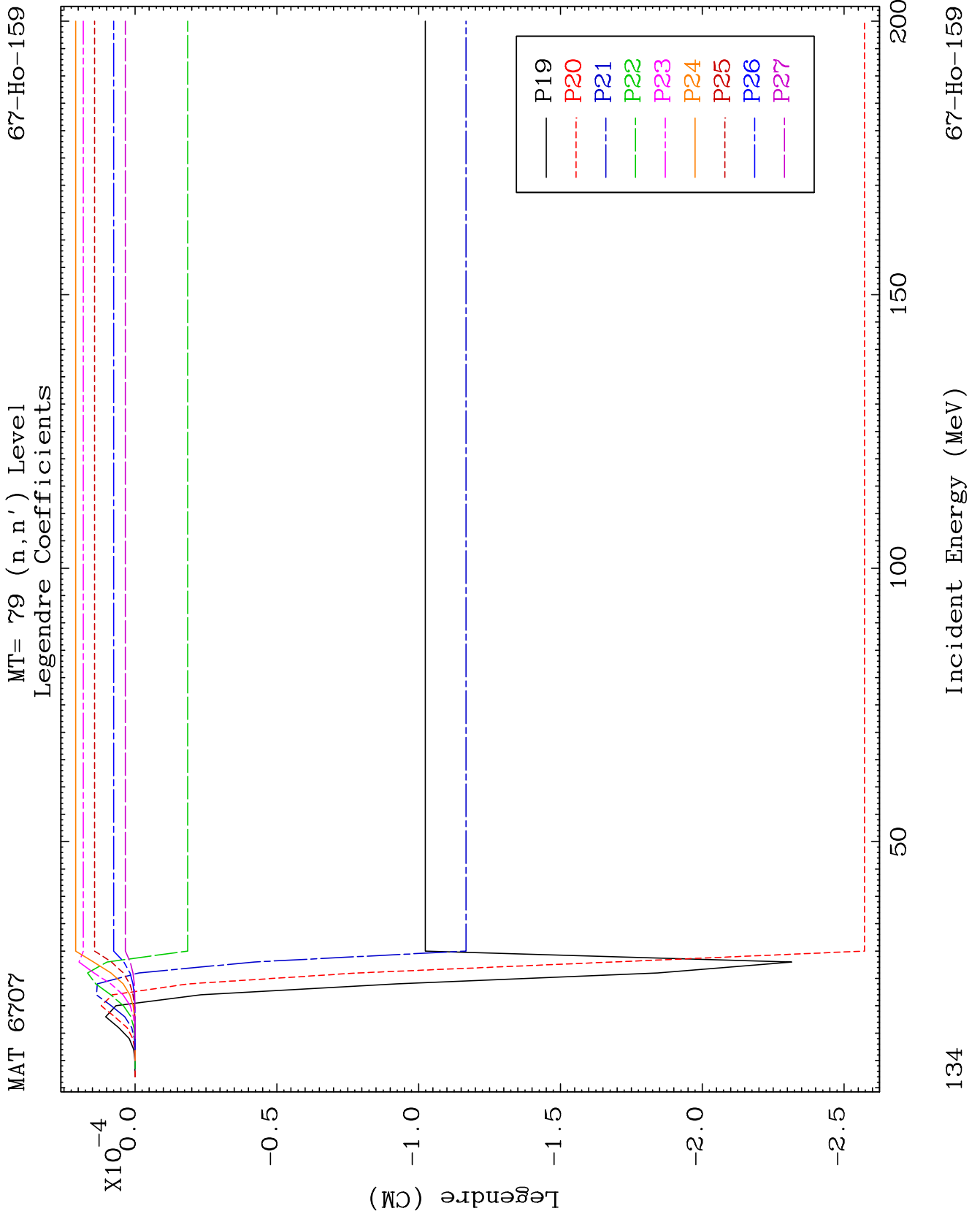
67-Ho-159



133

Incident Energy (MeV)

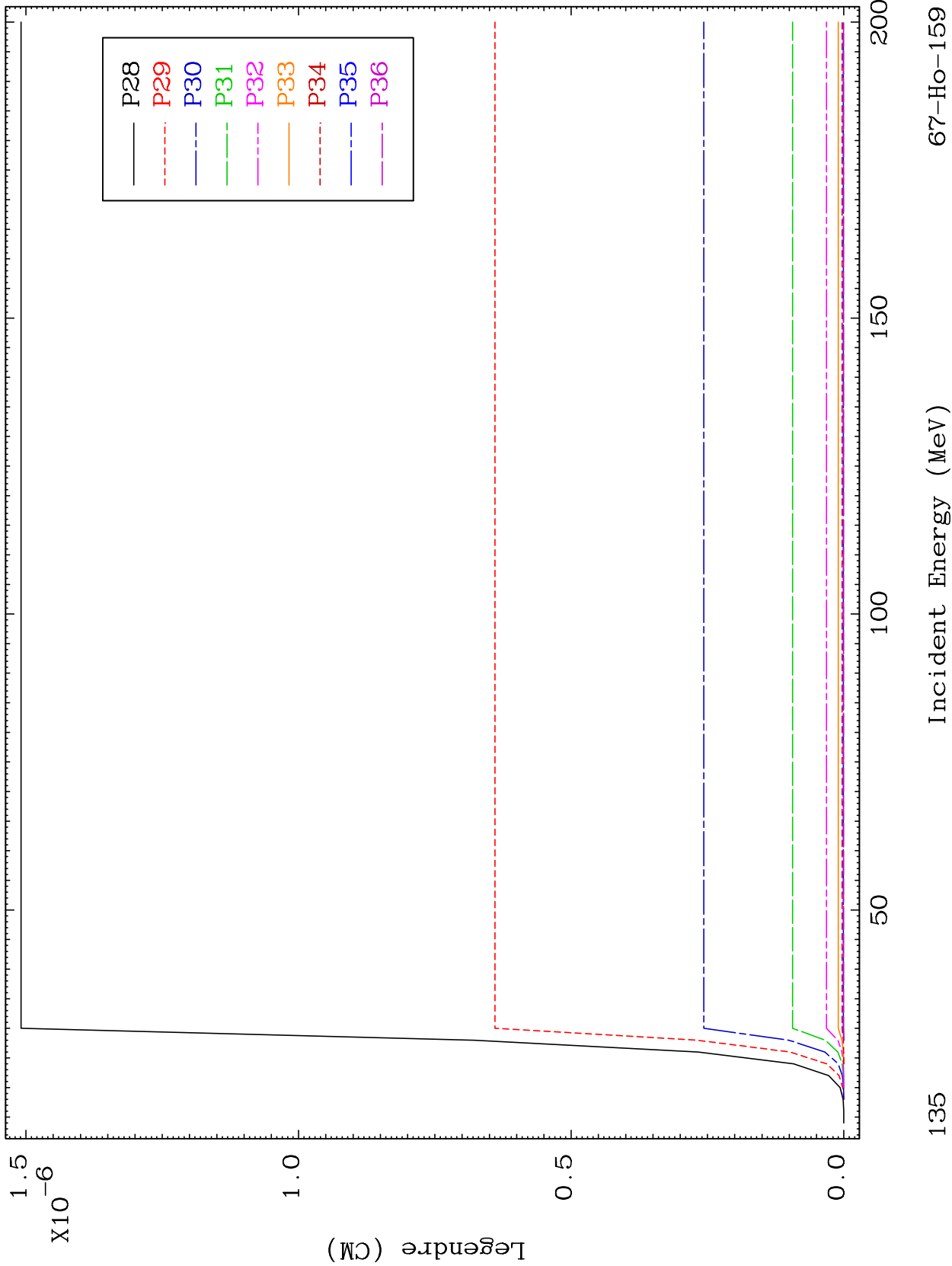
67-Ho-159



MAT 6707

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

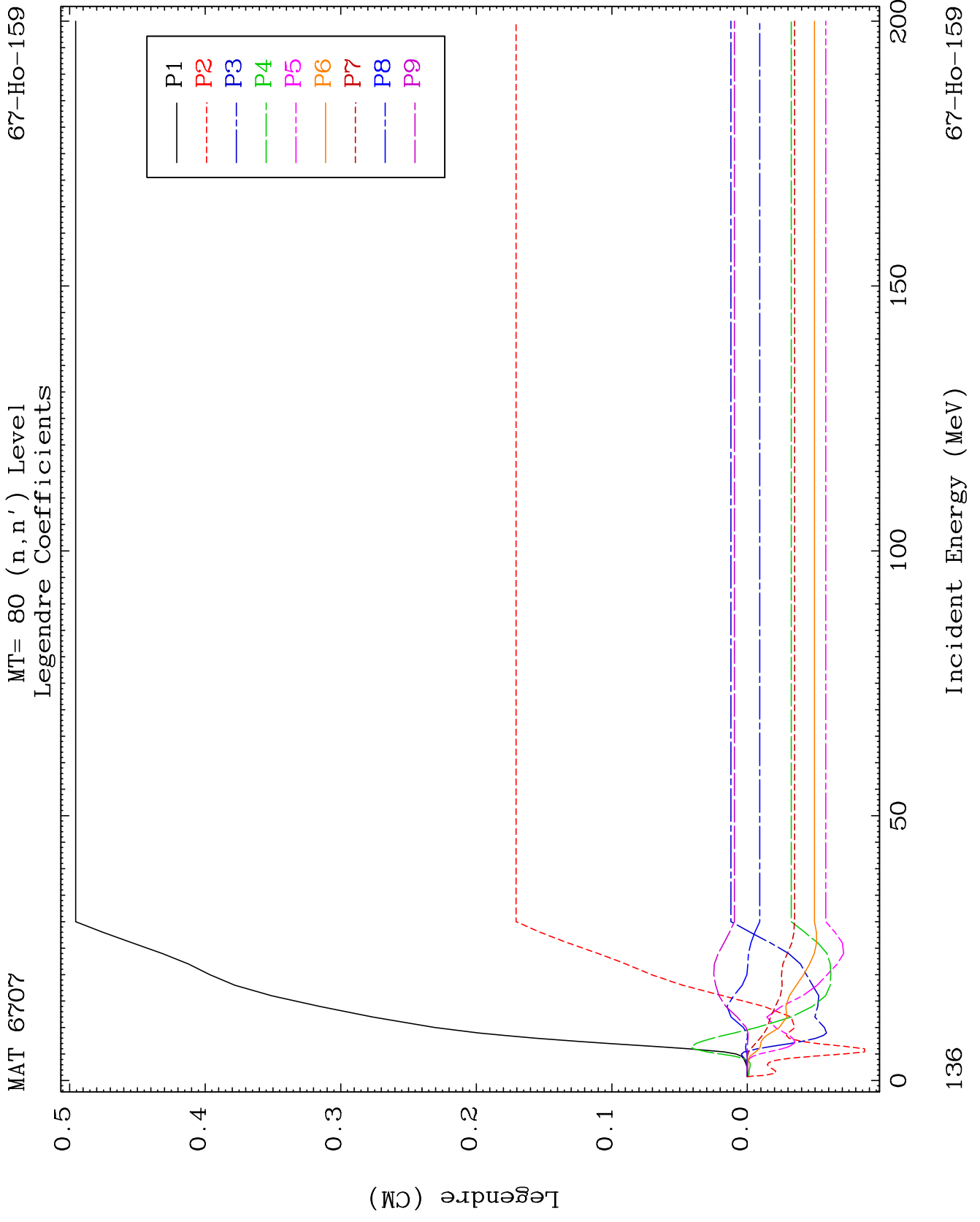
67-Ho-159



135

Incident Energy (MeV)

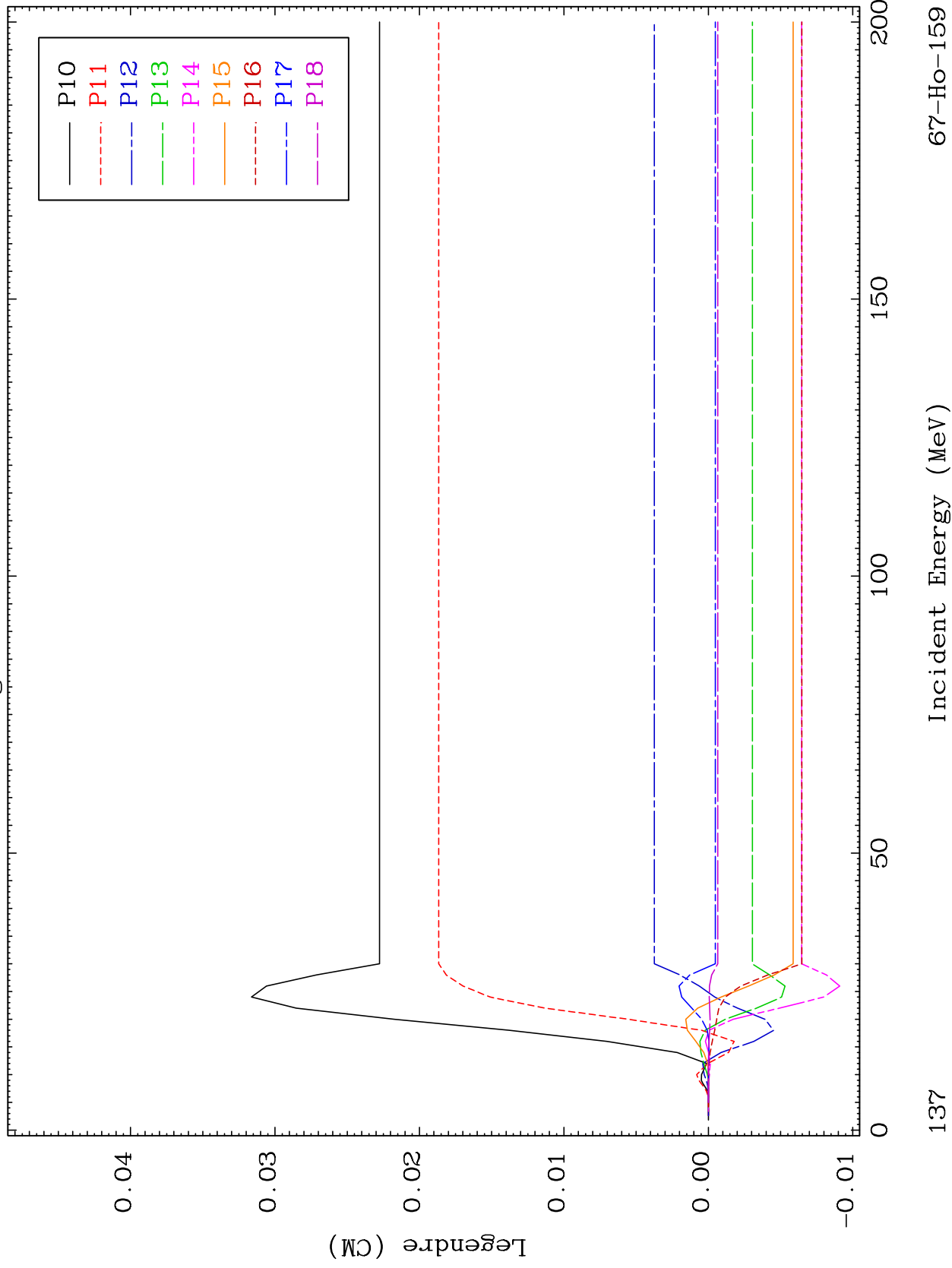
67-Ho-159



MAT 6707

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

67-Ho-159



137

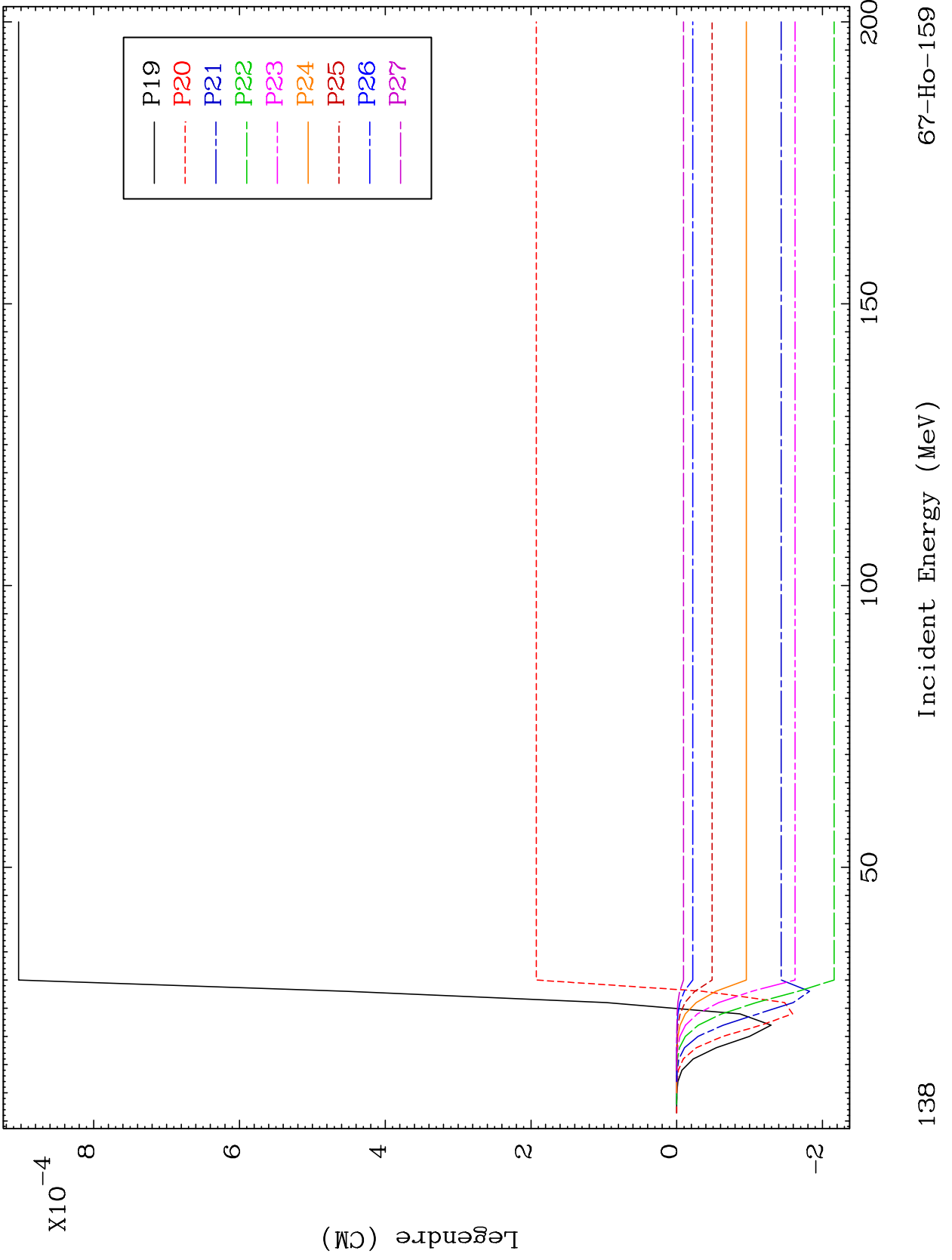
Incident Energy (MeV)

67-Ho-159

MAT 6707

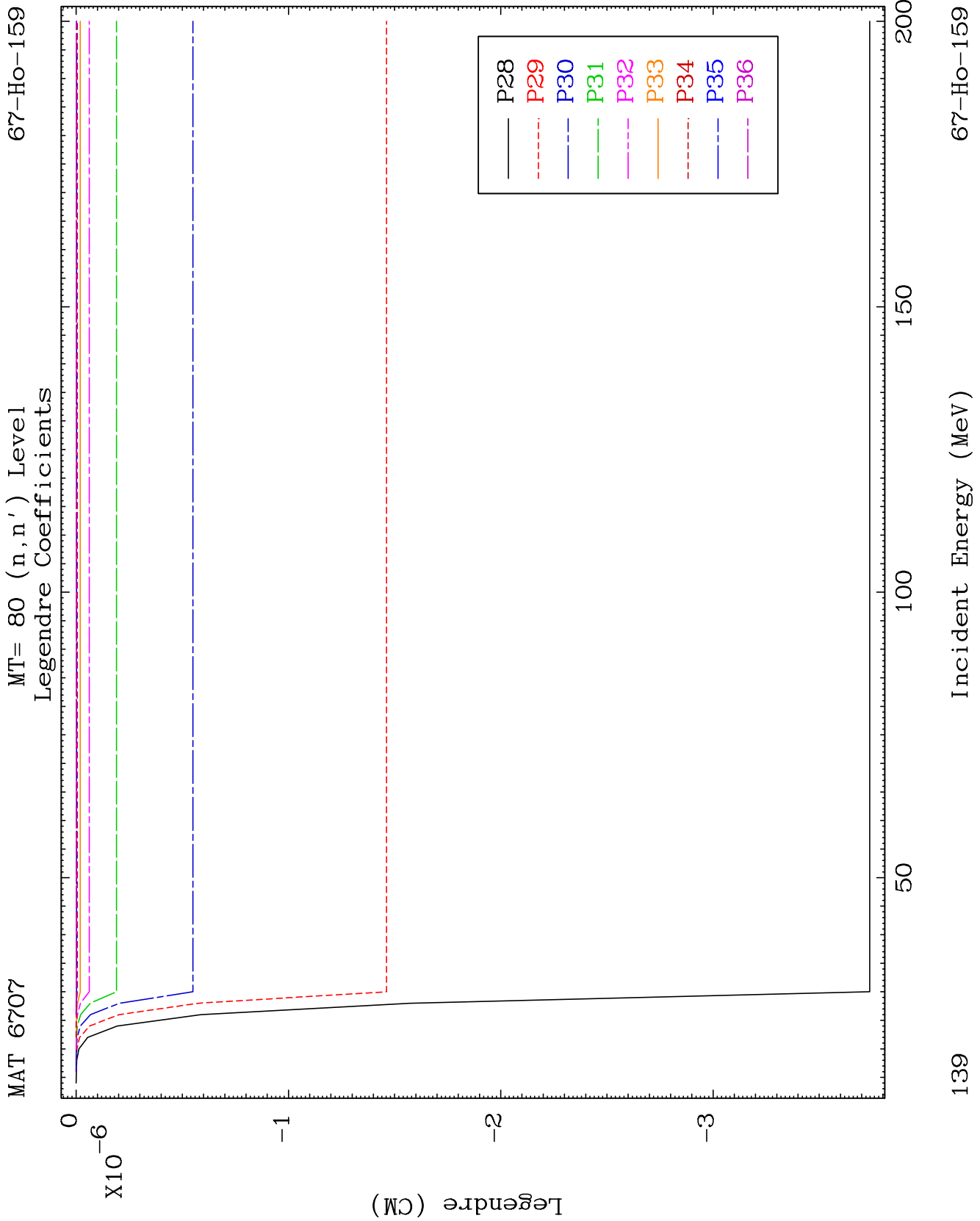
MT= 80 (n,n') Level
Legendre Coefficients

67-Ho-159



138

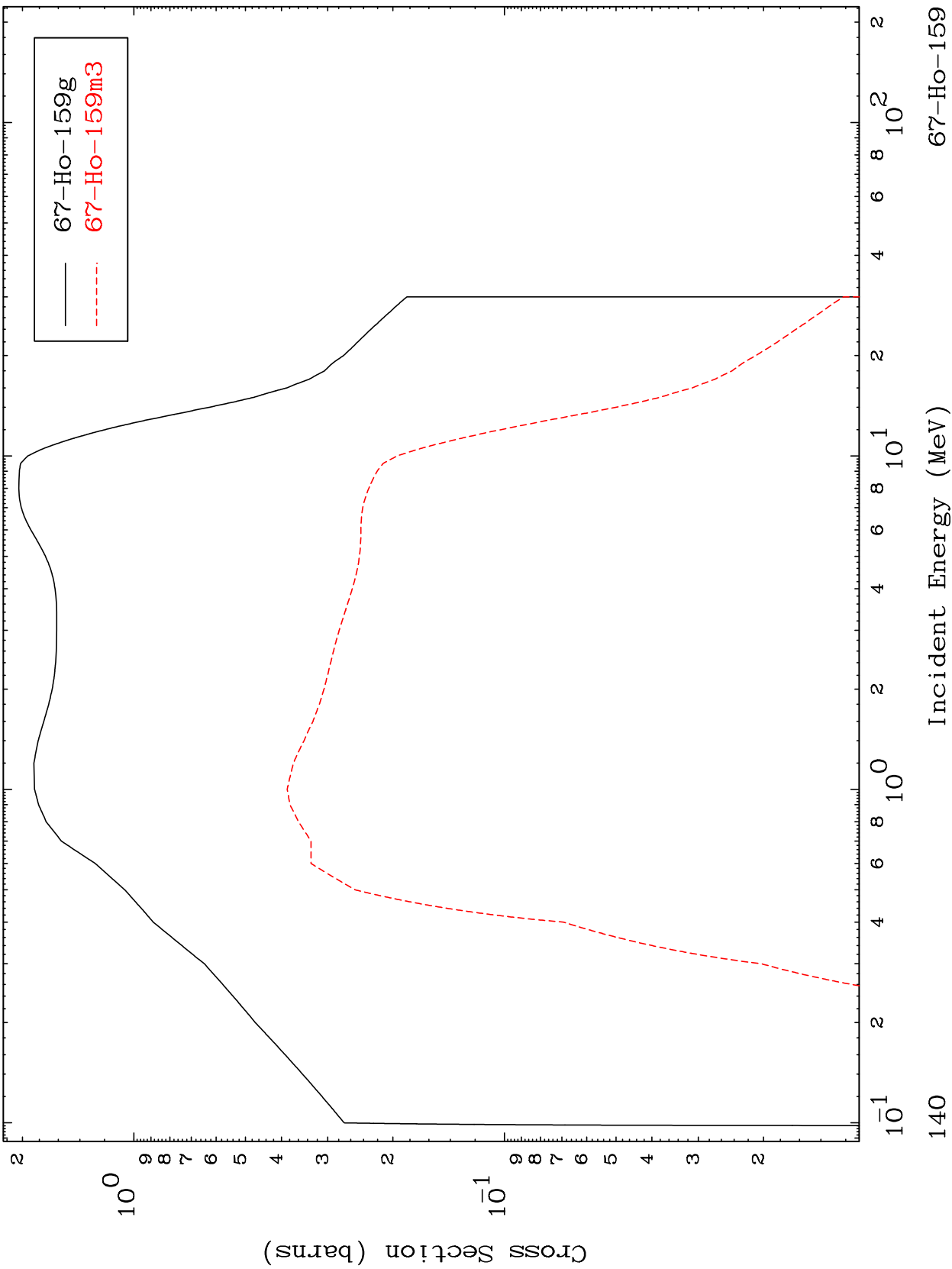
67-Ho-159



MAT 6707

67-Ho-159

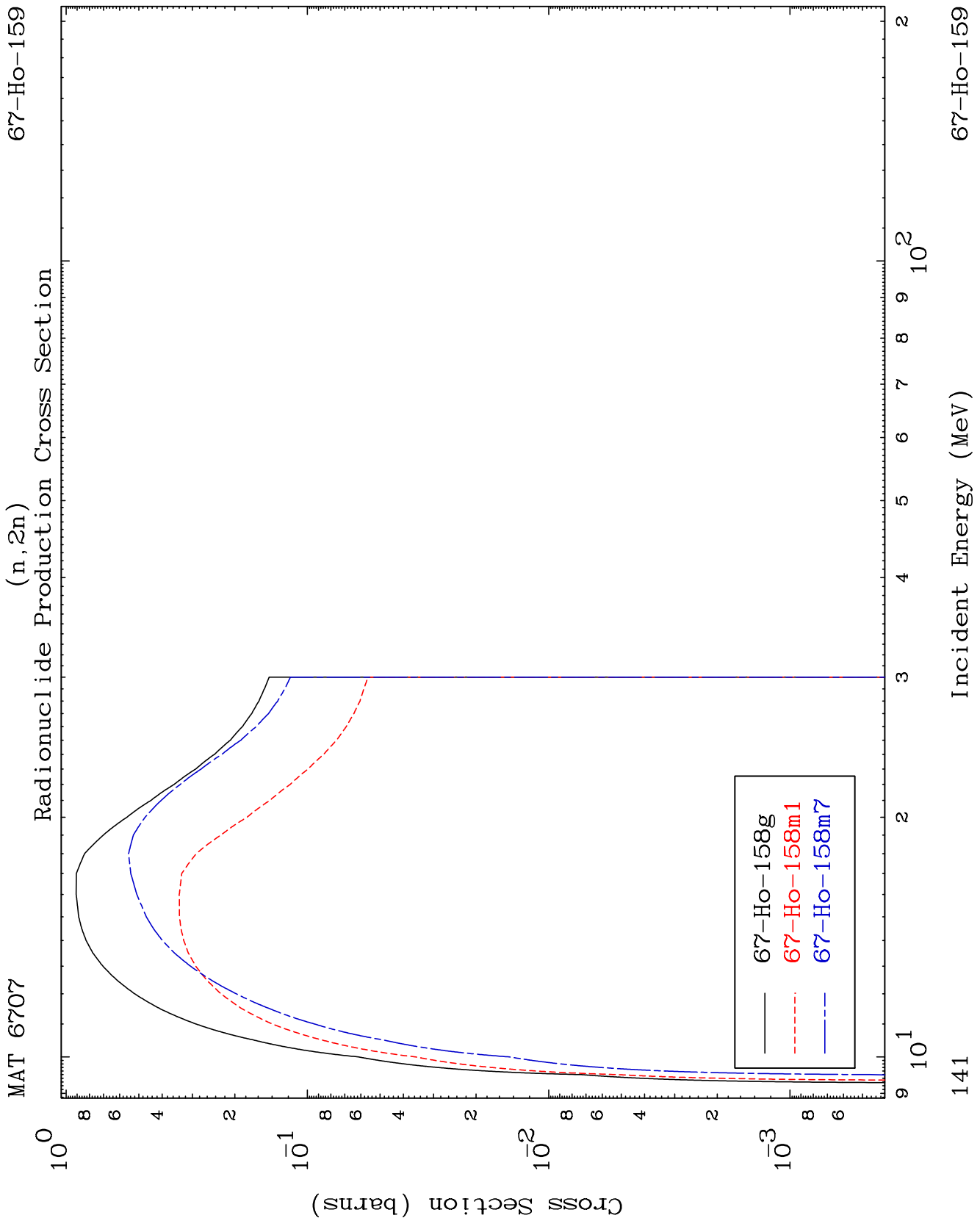
Inelastic
Radionuclide Production Cross Section



67-Ho-159

Incident Energy (MeV)

140

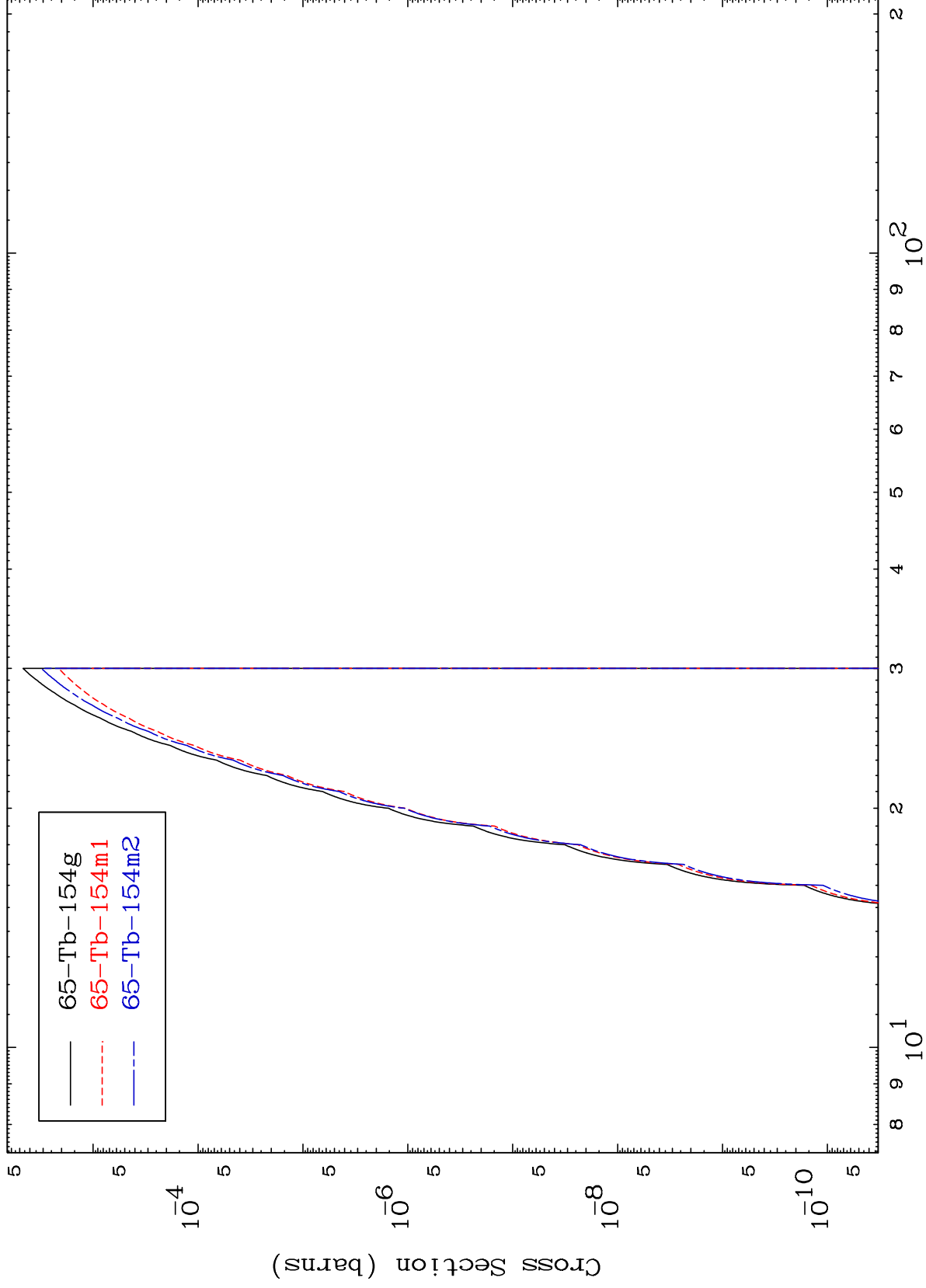


MAT 6707

$(n,2n) \alpha$

67-Ho-159

Radionuclide Production Cross Section



142

Incident Energy (MeV)

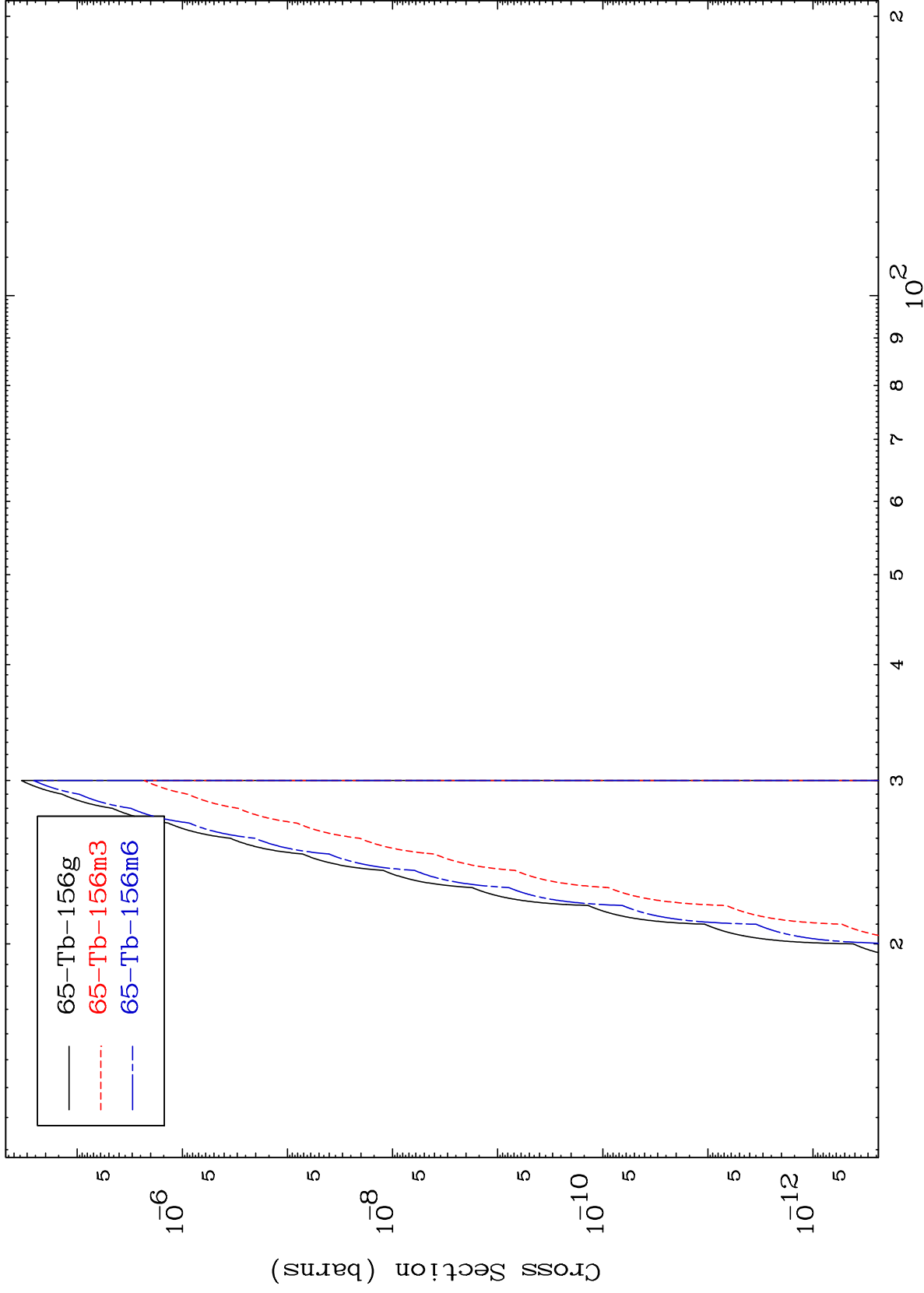
67-Ho-159

MAT 6707

(n,n') He-3

67-Ho-159

Radionuclide Production Cross Section



143

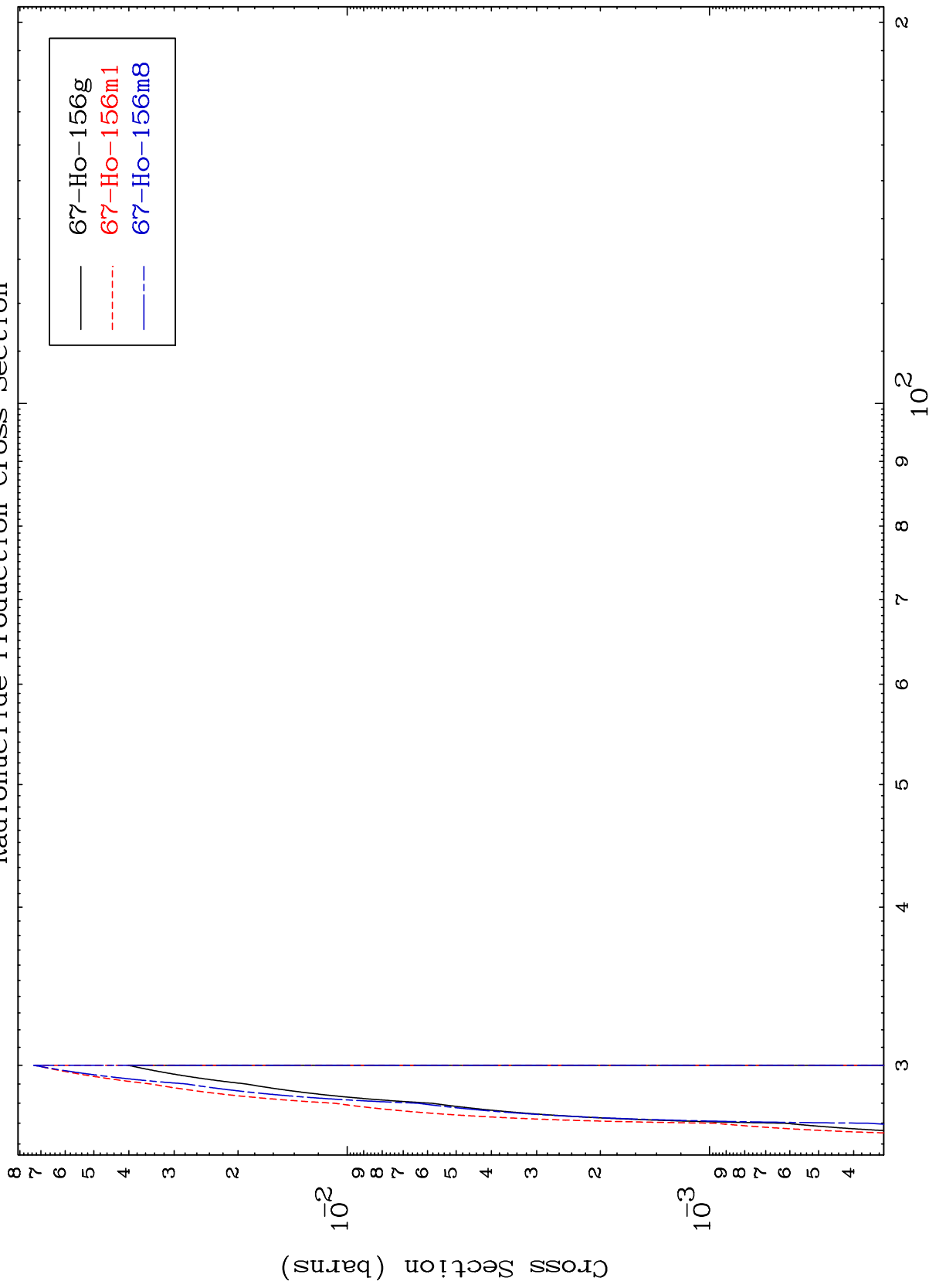
Incident Energy (MeV)

67-Ho-159

MAT 6707

67-Ho-159

(n,4n)
Radionuclide Production Cross Section



144

67-Ho-159

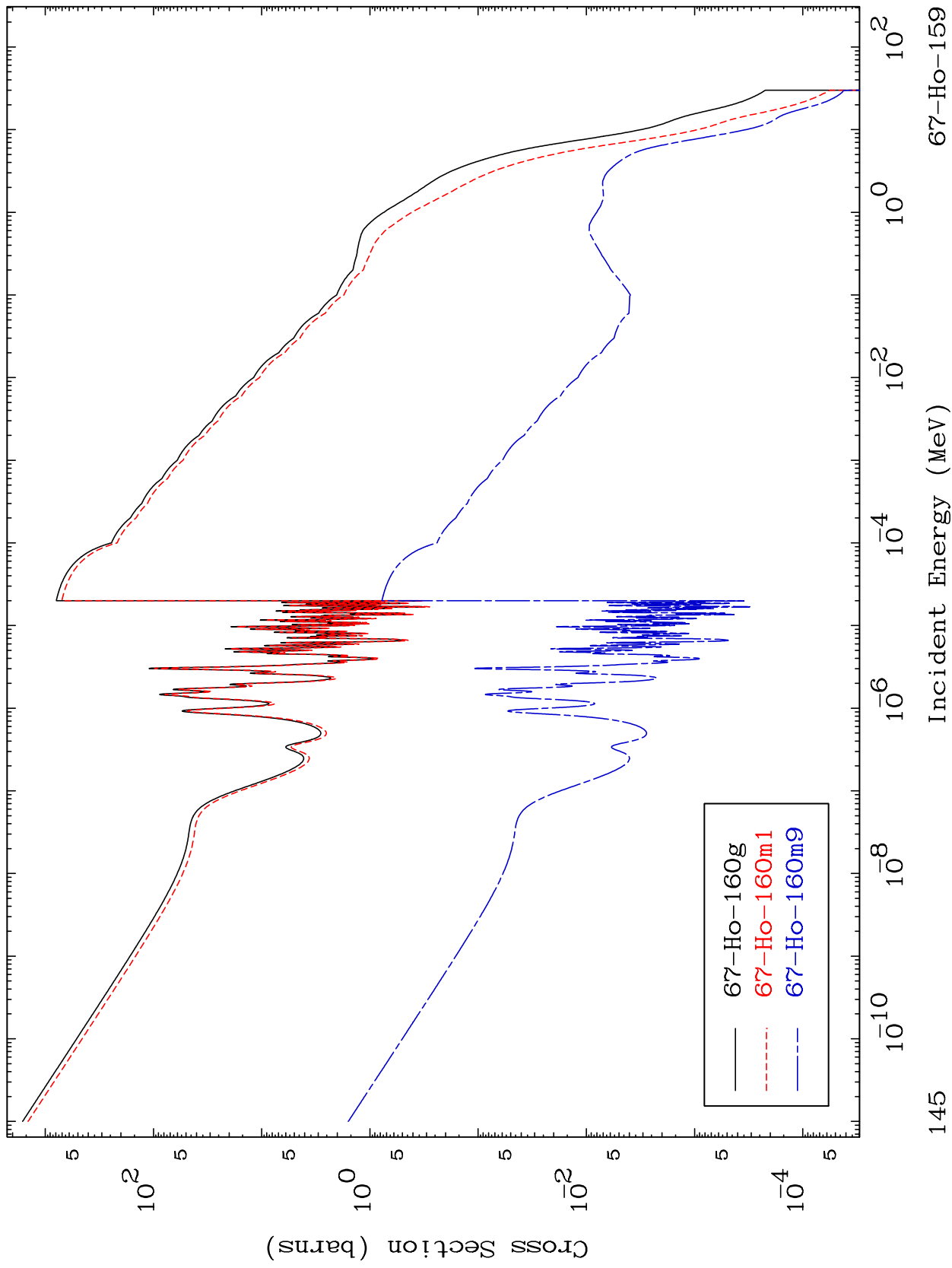
Incident Energy (MeV)

MAT 6707

67-Ho-159

Radionuclide Production Cross Section

(n, γ)

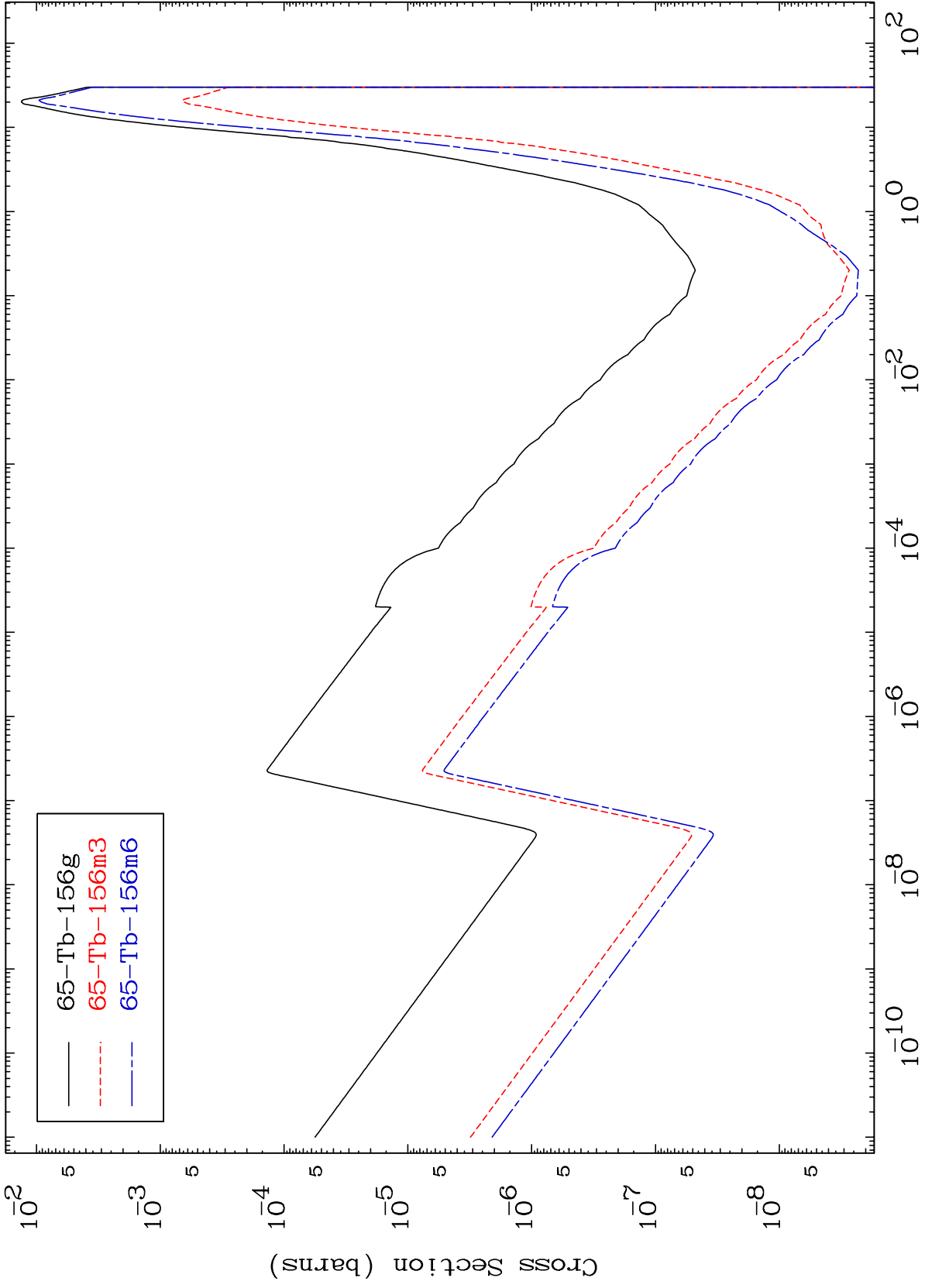


145

MAT 6707

67-Ho-159

Radionuclide Production Cross Section
(n, α)



146

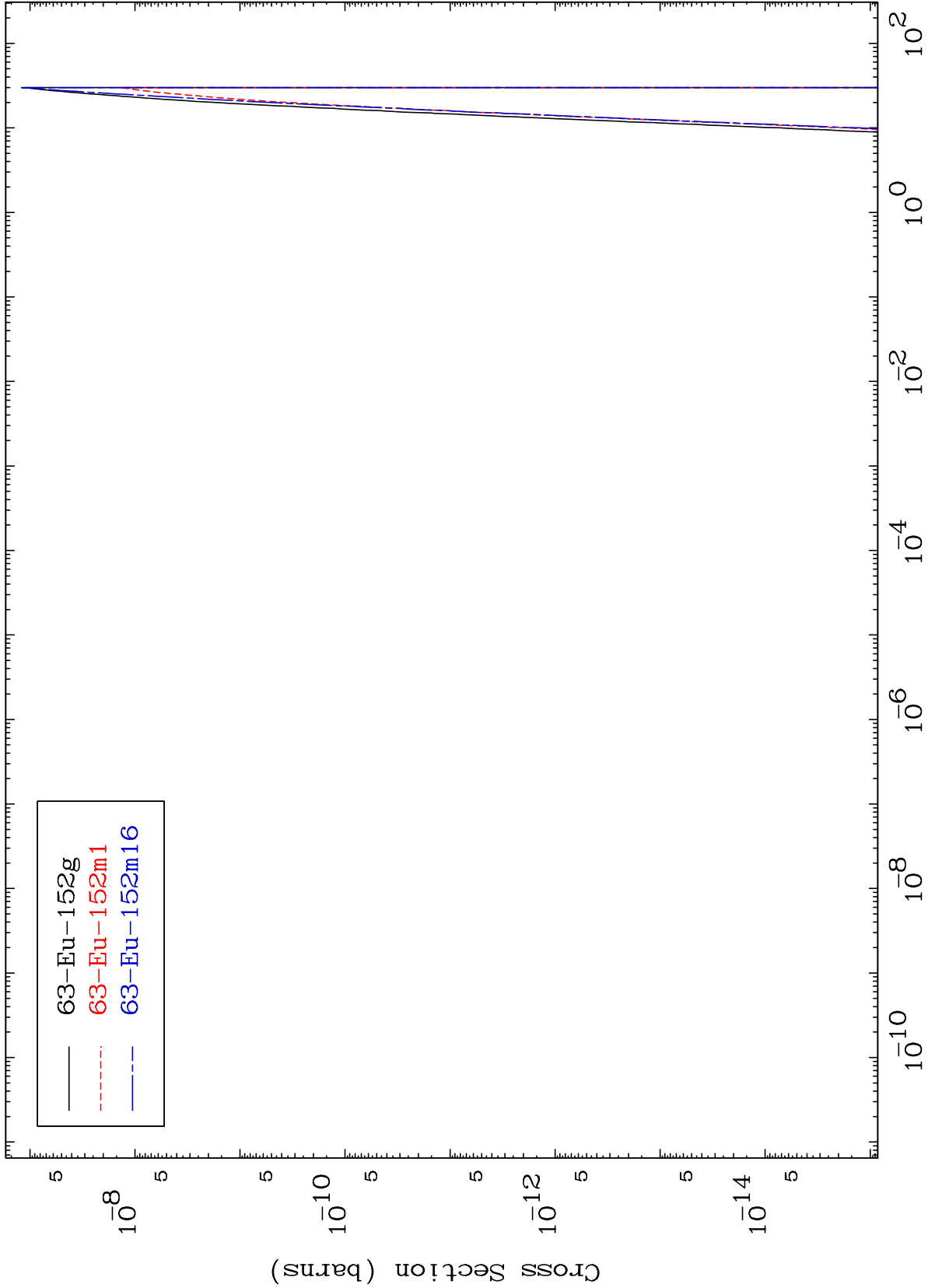
67-Ho-159

MAT 6707

$(n, 2\alpha)$

67-Ho-159

Radionuclide Production Cross Section



147

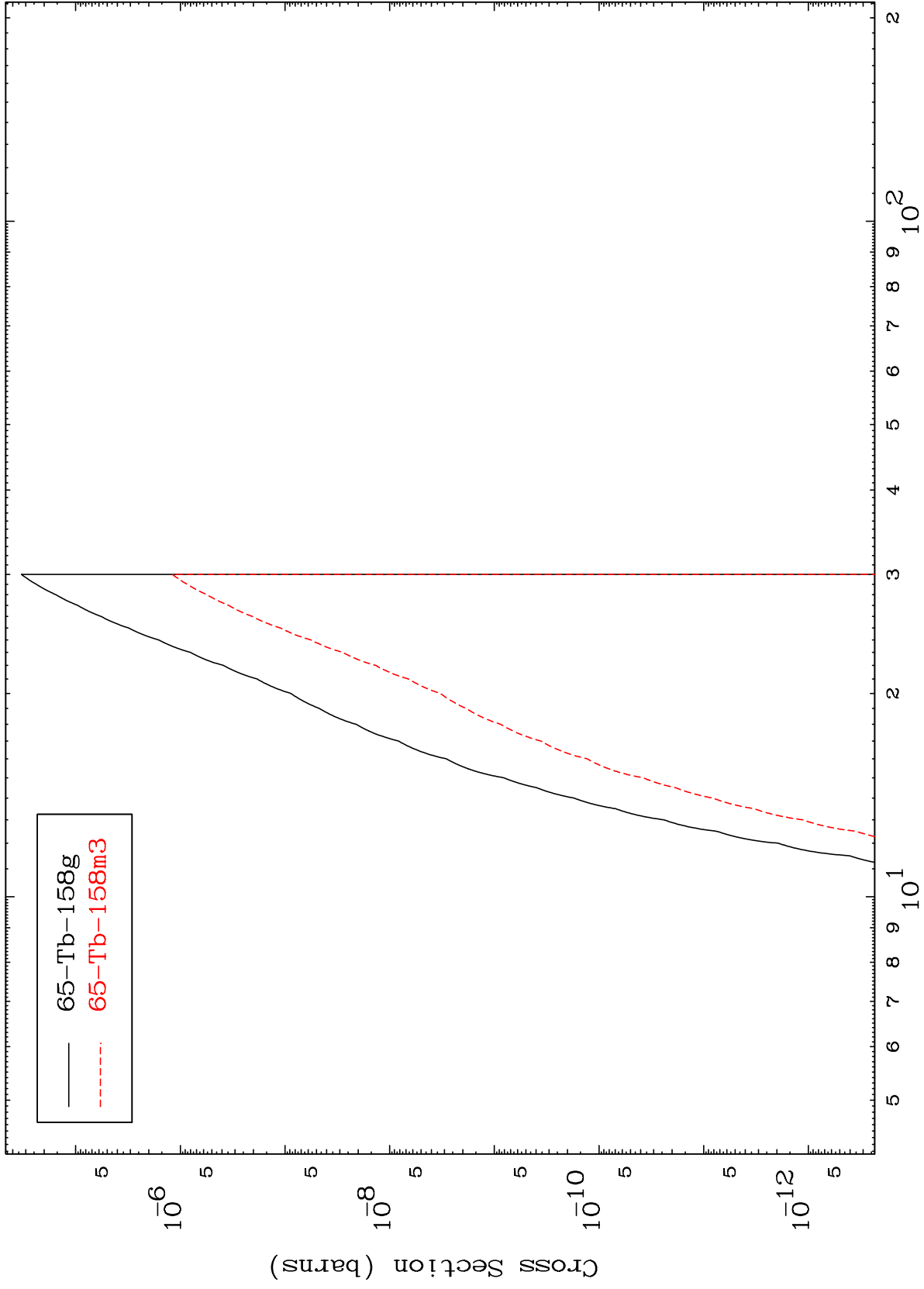
Incident Energy (MeV)

67-Ho-159

MAT 6707

67-Ho-159

(n,2p)
Radionuclide Production Cross Section



148

Incident Energy (MeV)

67-Ho-159

Radionuclide Production Cross Section

