

Program EVALPLOT
(Version 2021-1)

by

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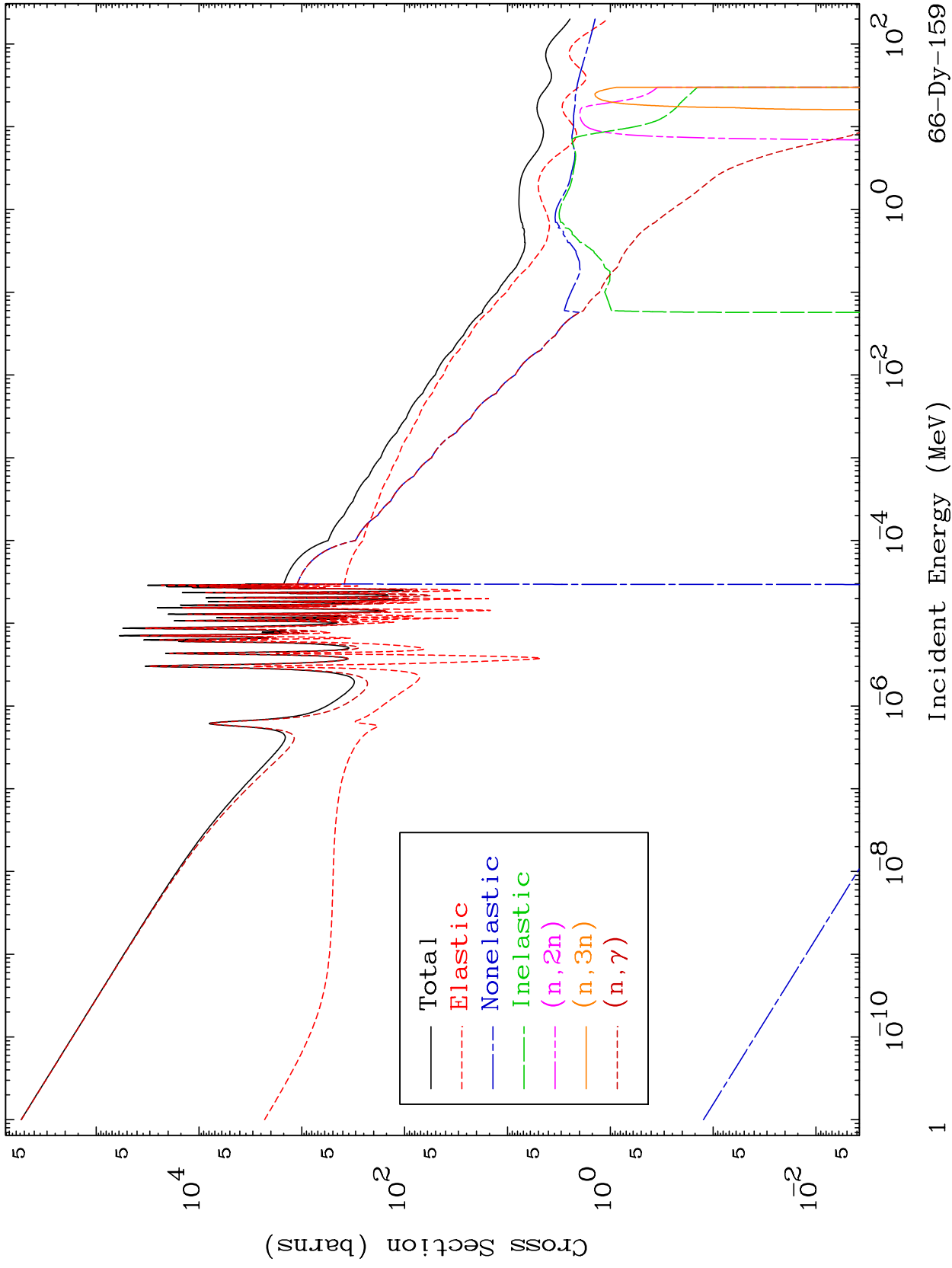
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Press Mouse Button to Start

MAT 6634

Neutron Major
293 Kelvin Cross Sections

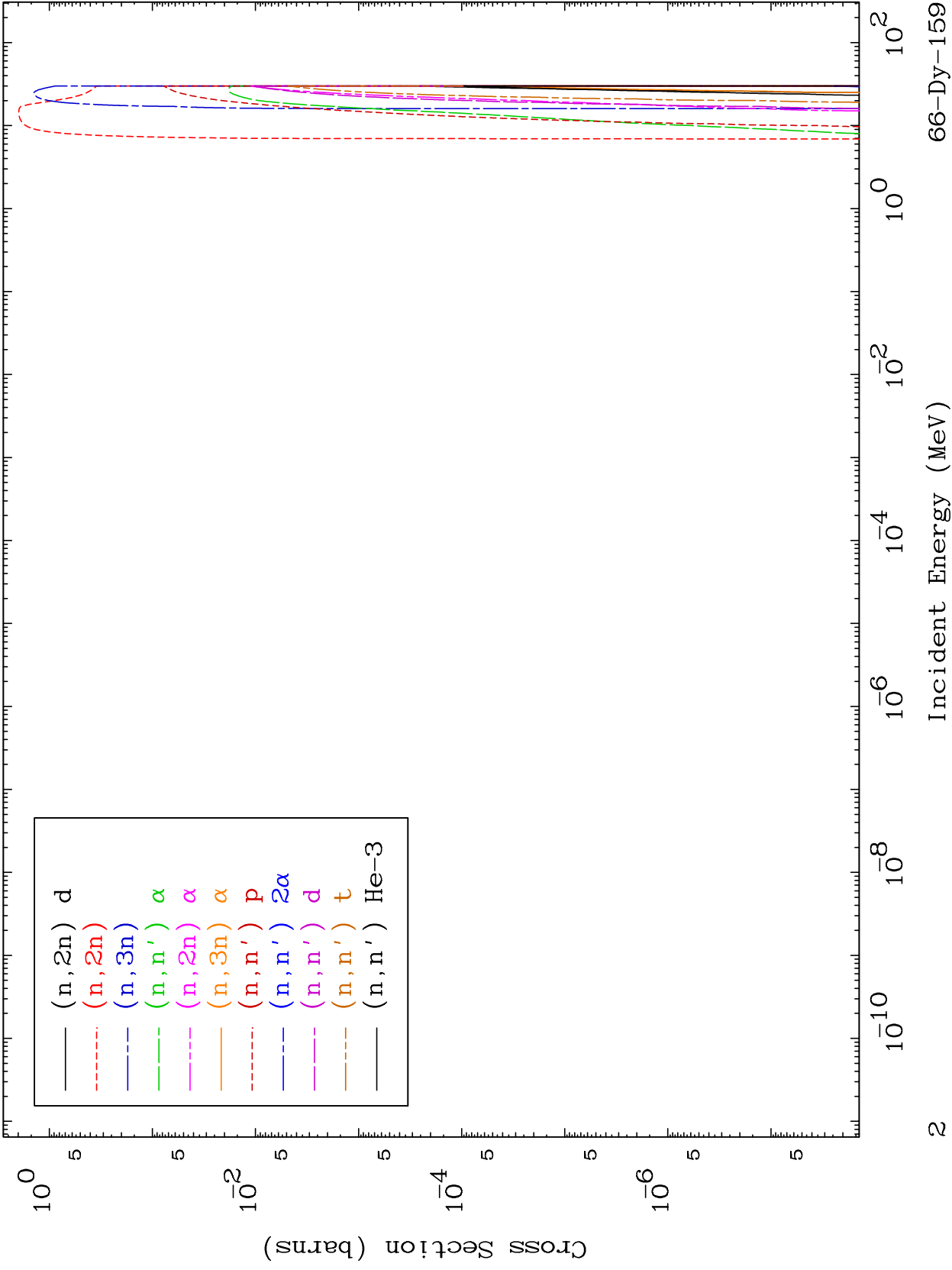
66-Dy-159



MAT 6634

Neutron Absorption
293 Kelvin Cross Sections

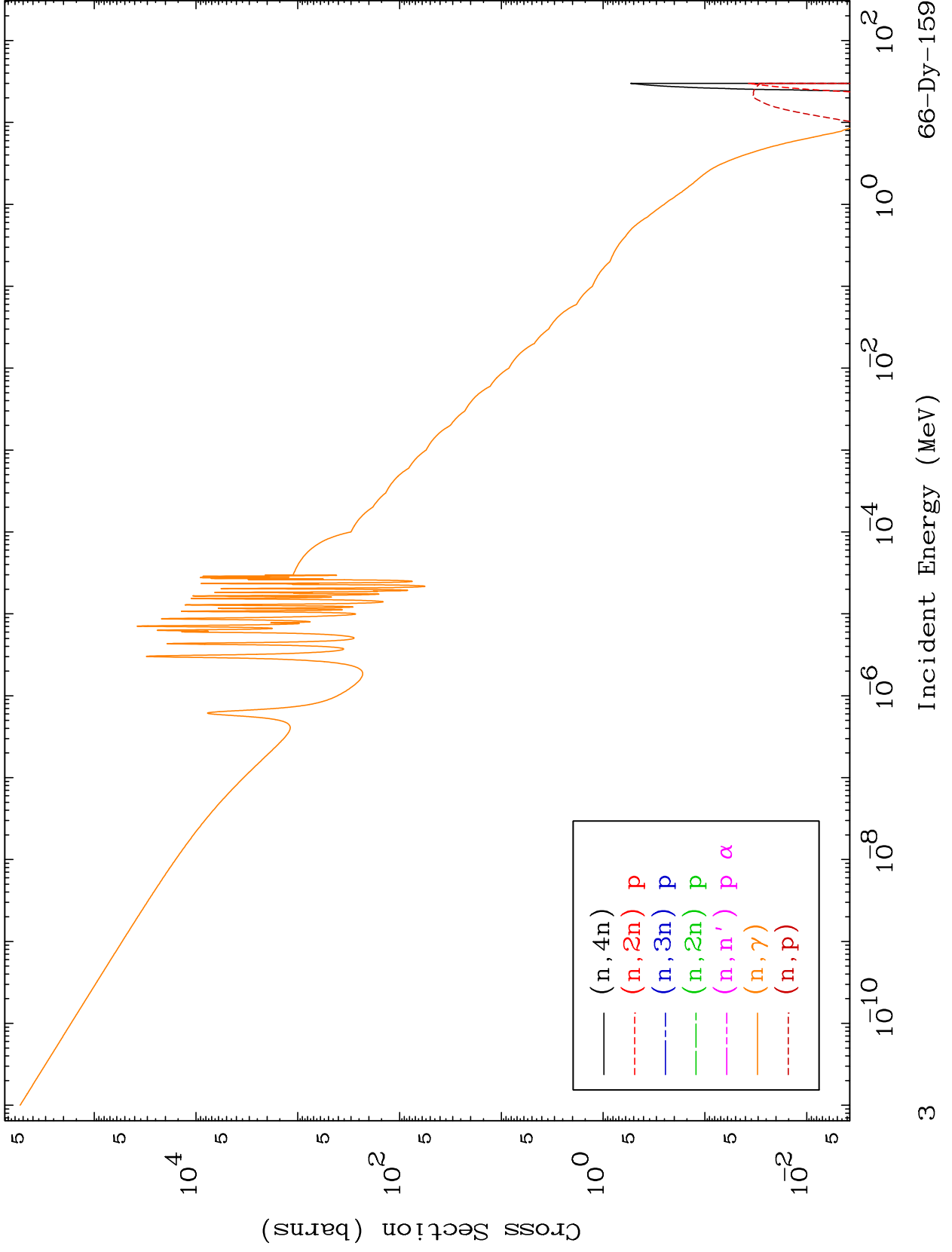
66-Dy-159



MAT 6634

Neutron Absorption
293 Kelvin Cross Sections

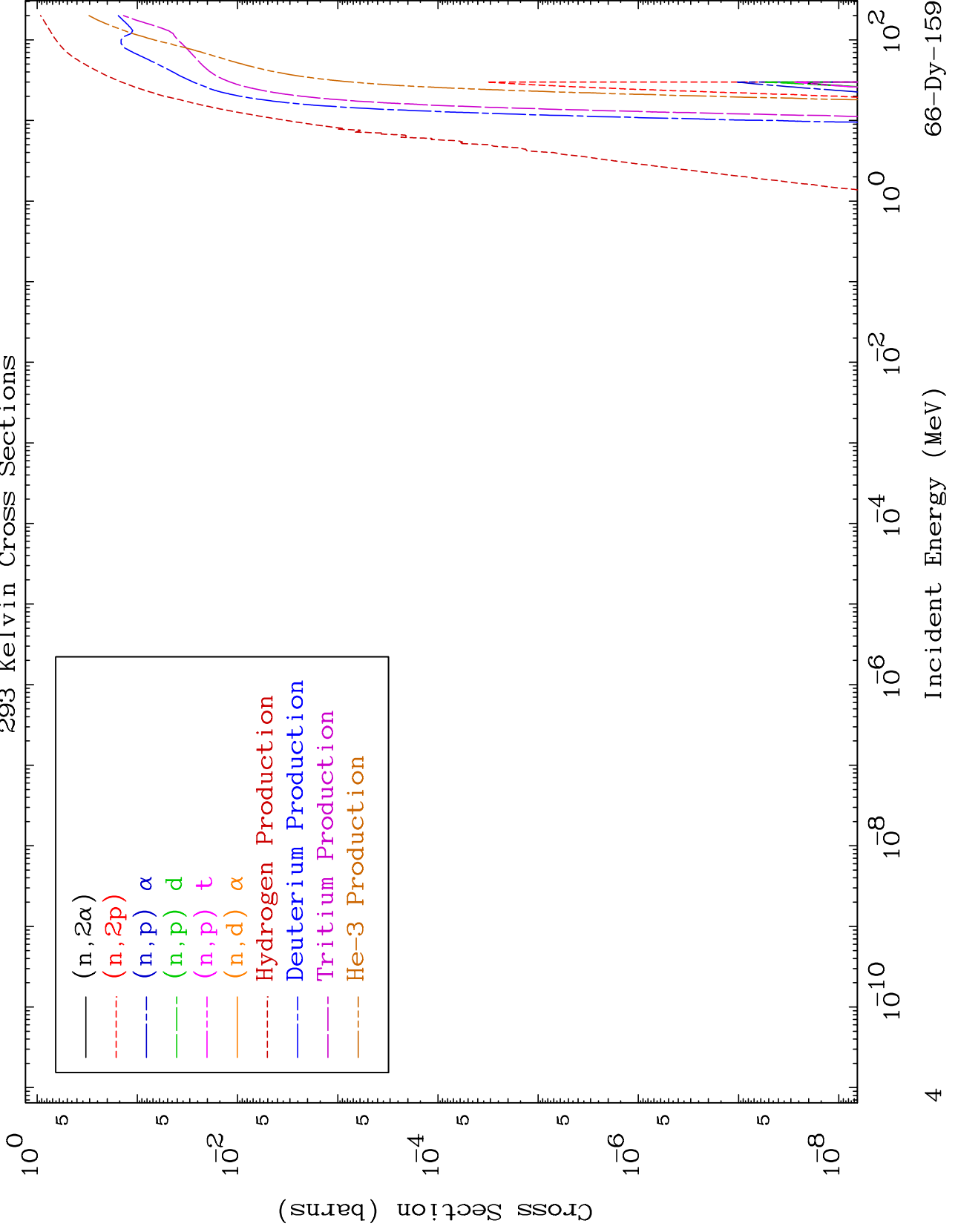
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MAT 6634

Neutron Absorption
293 Kelvin Cross Sections

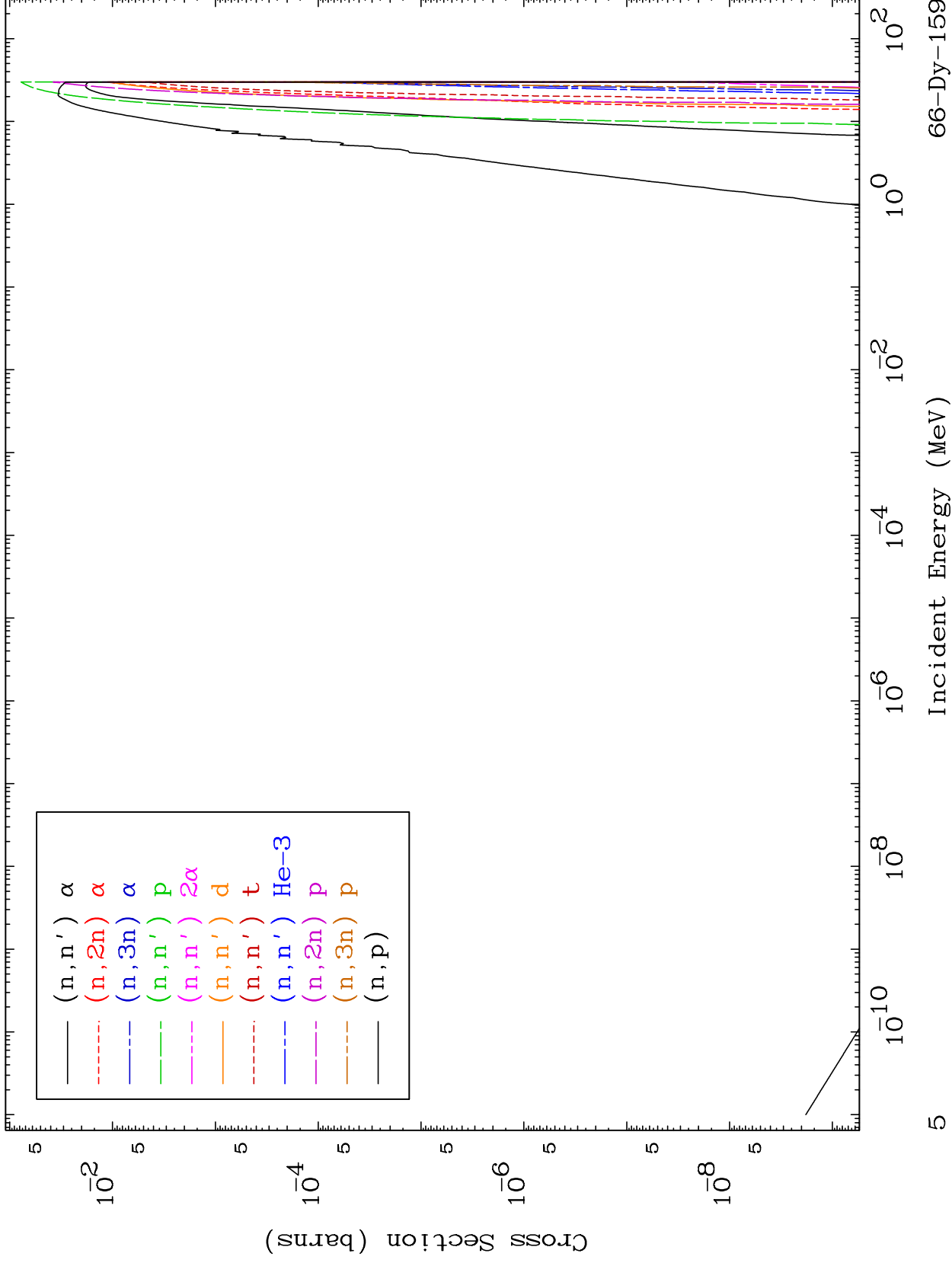
66-Dy-159



MAT 6634

Charged Particle
293 Kelvin Cross Sections

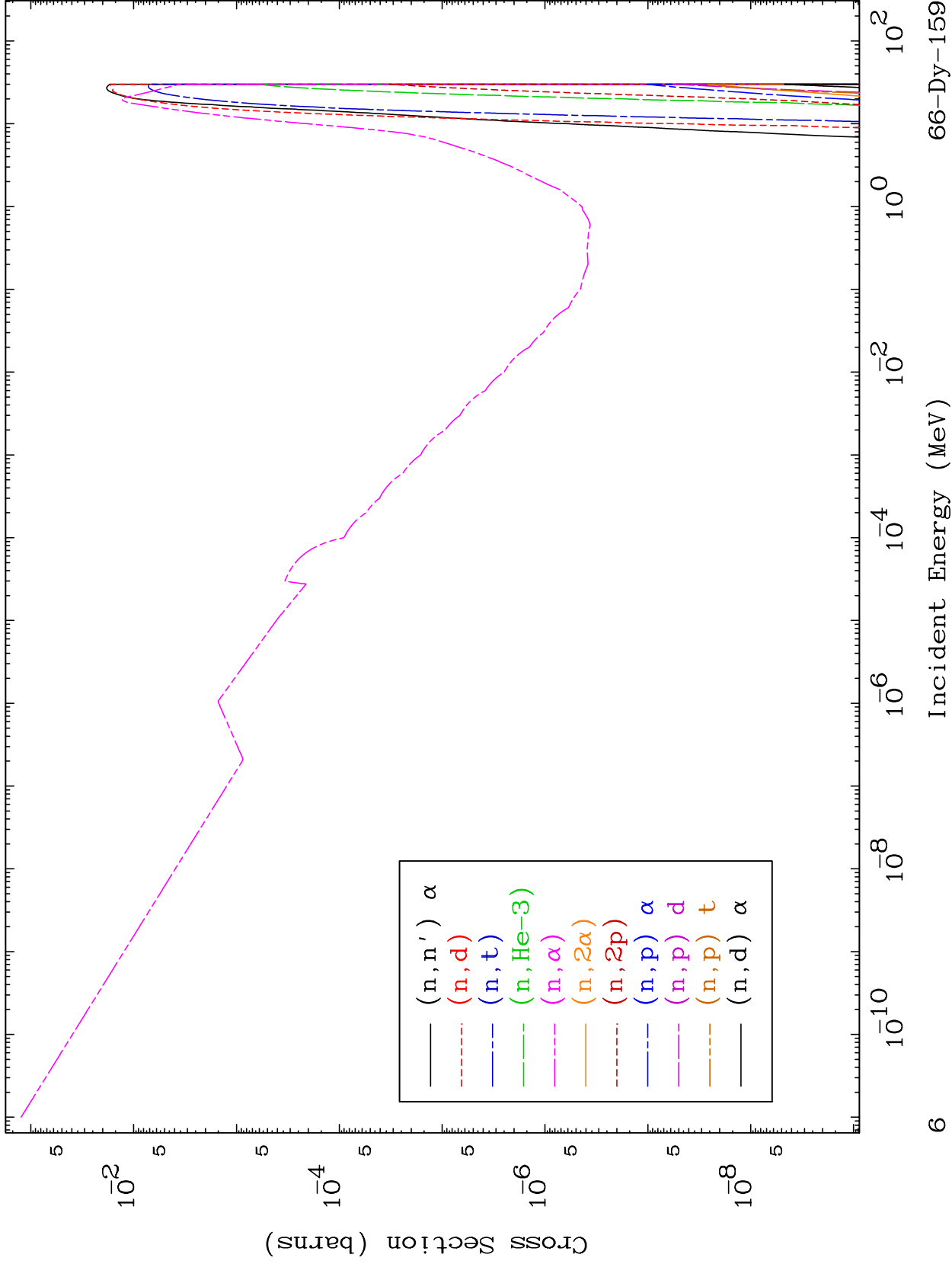
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MAT 6634

Charged Particle
293 Kelvin Cross Sections

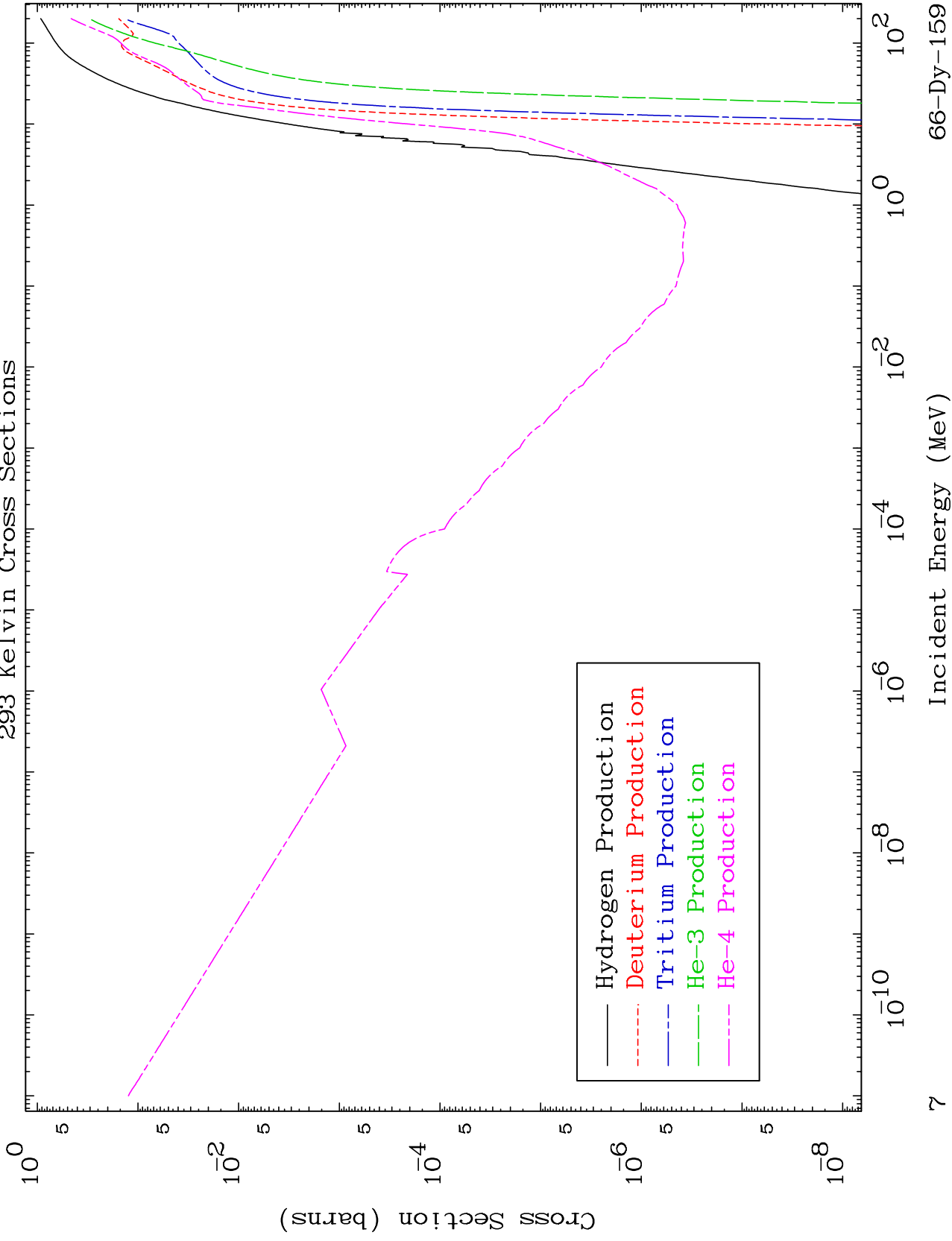
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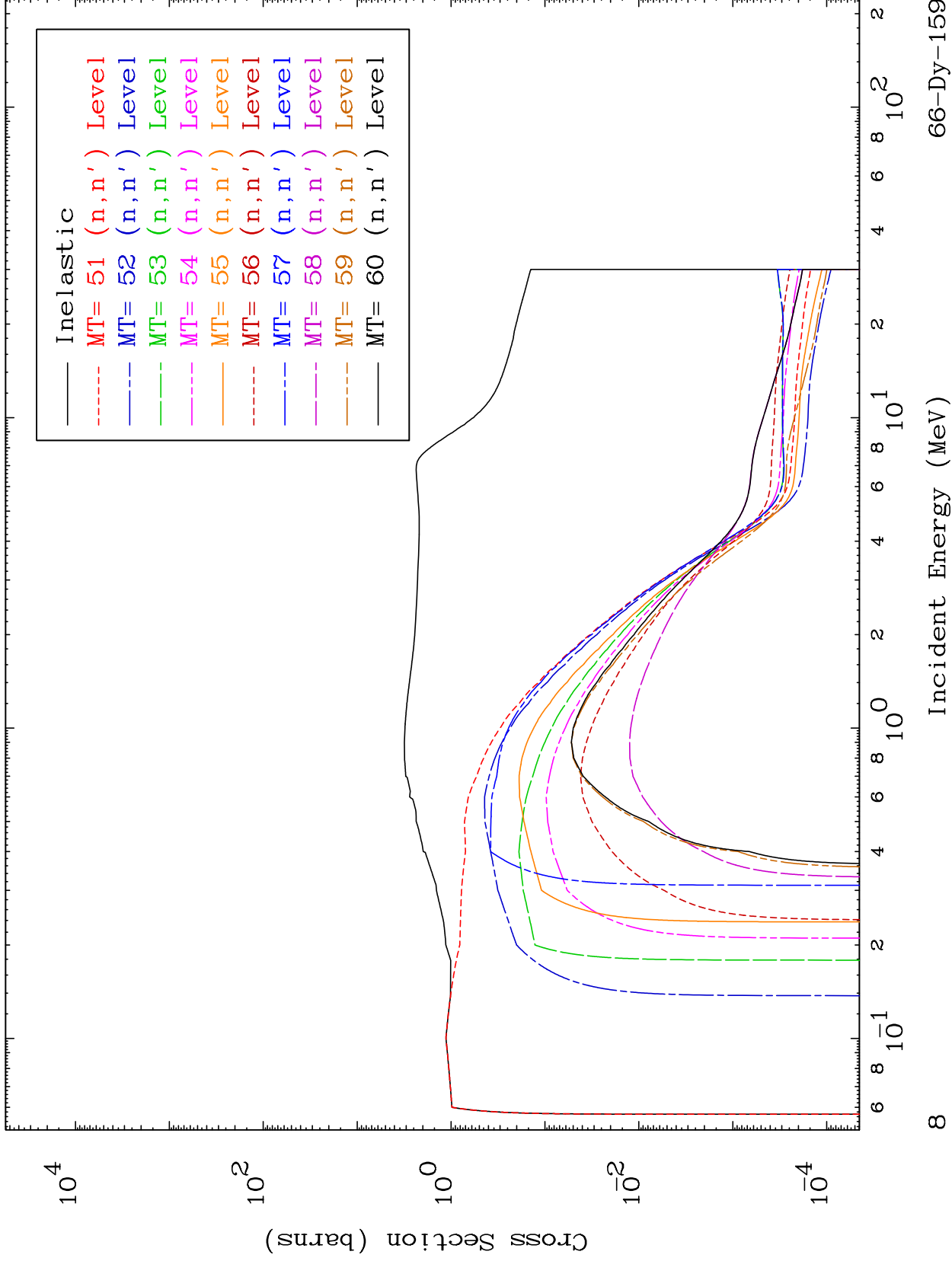


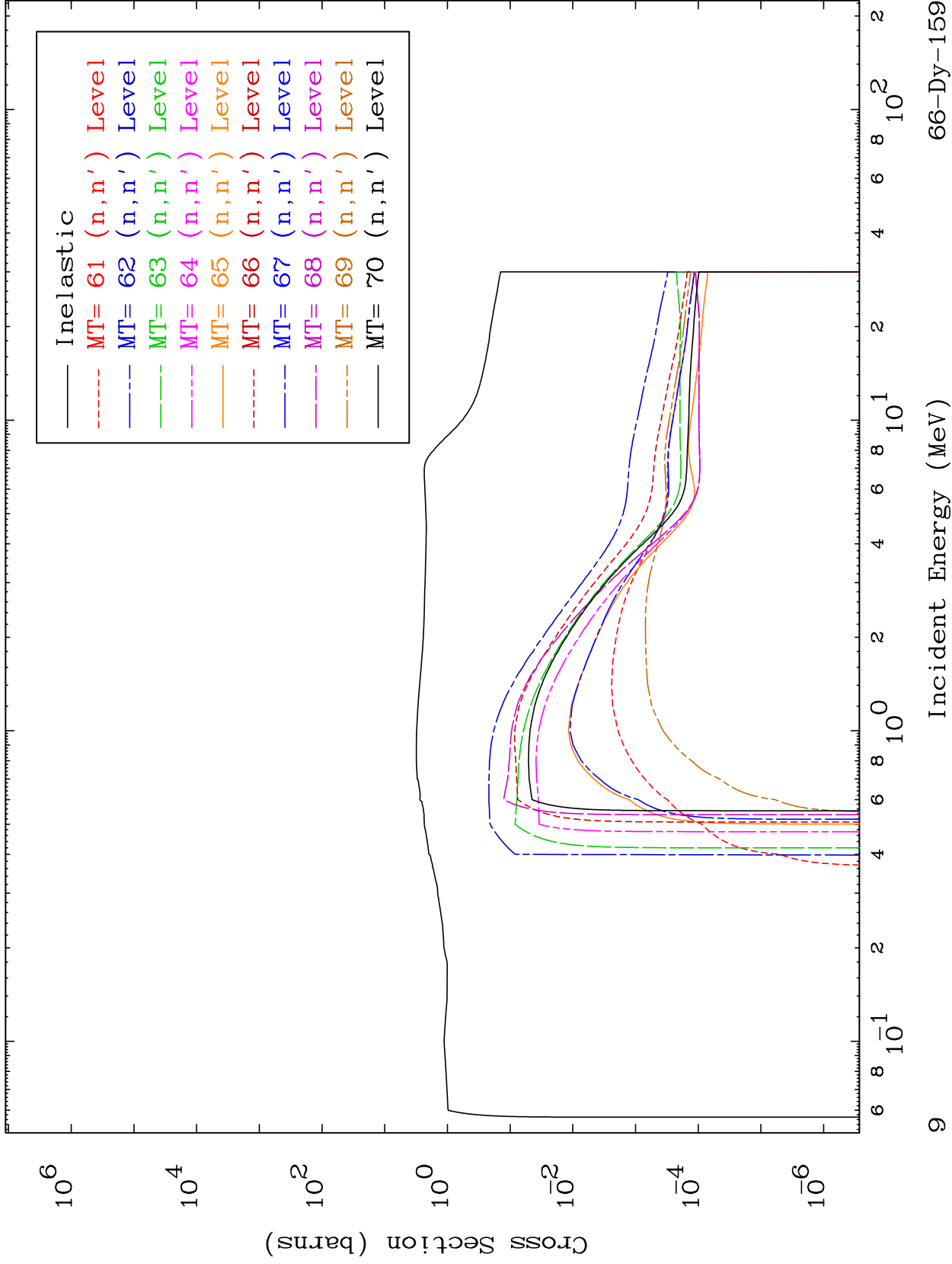
MAT 6634

Particle Production
293 Kelvin Cross Sections

66-Dy-159





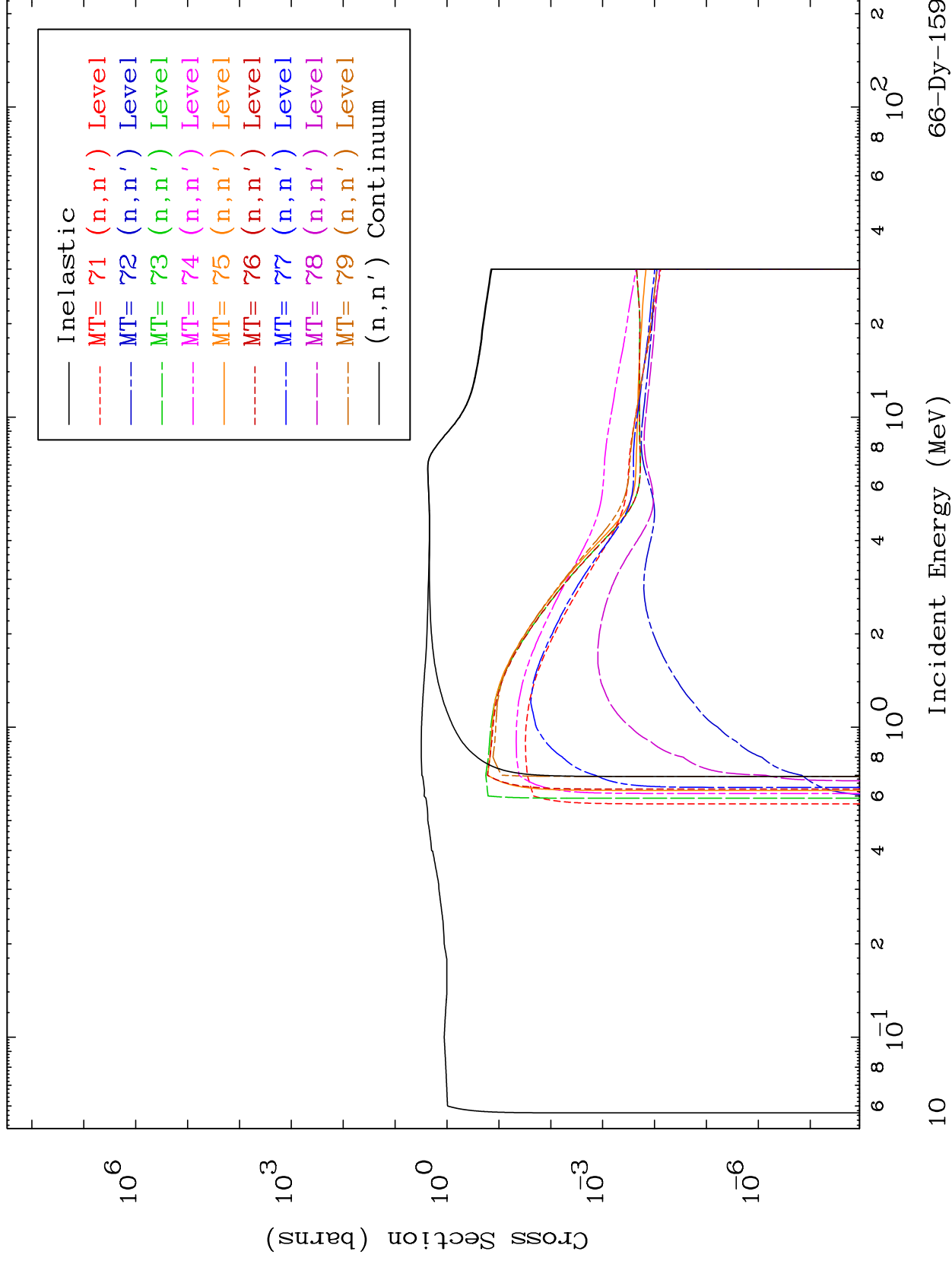


MAT 6634

(n,n') Levels

293 Kelvin Cross Sections

66-Dy-159



66-Dy-159

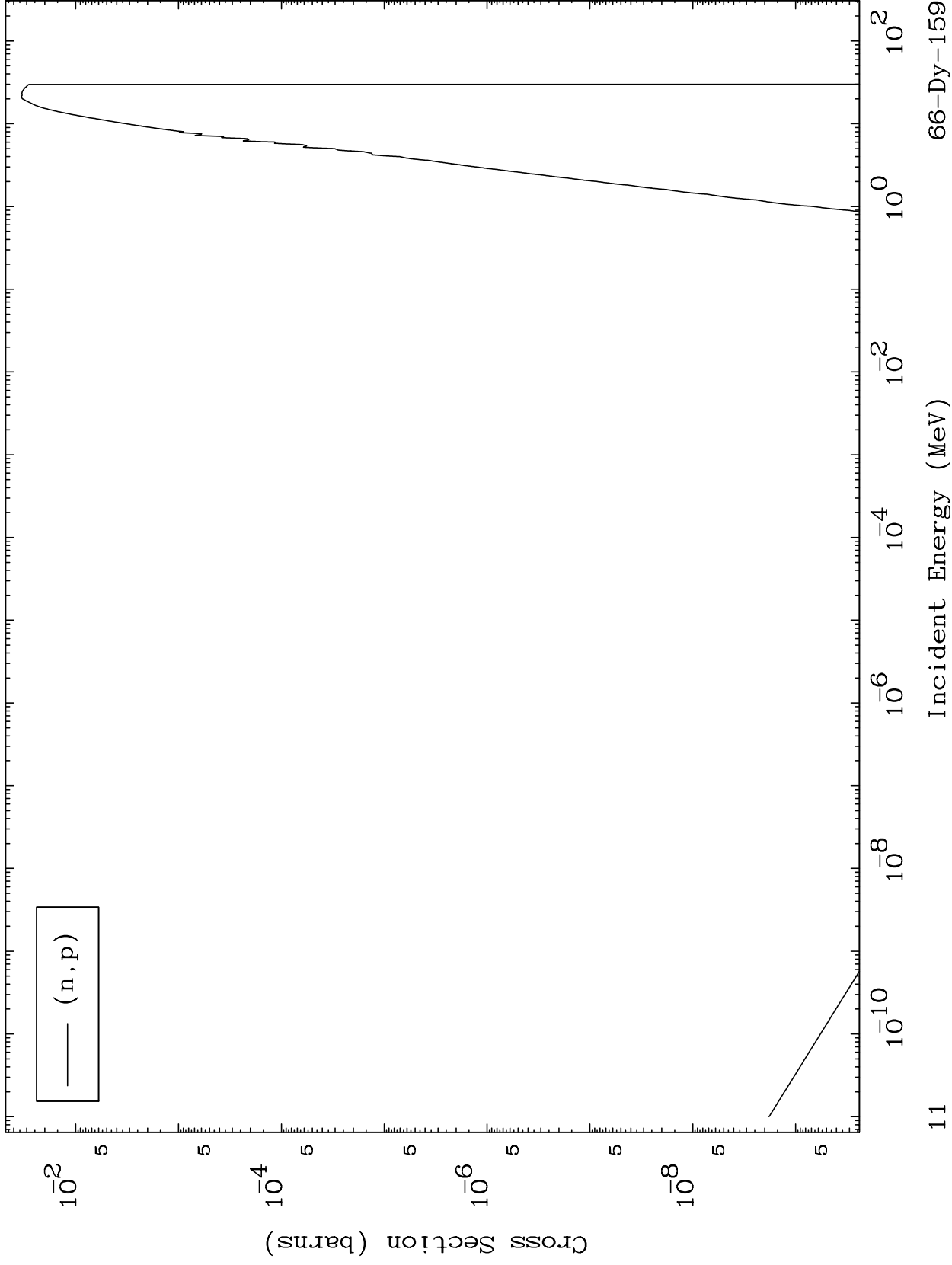
Incident Energy (MeV)

10

MAT 6634

(n,p) Levels
293 Kelvin Cross Sections

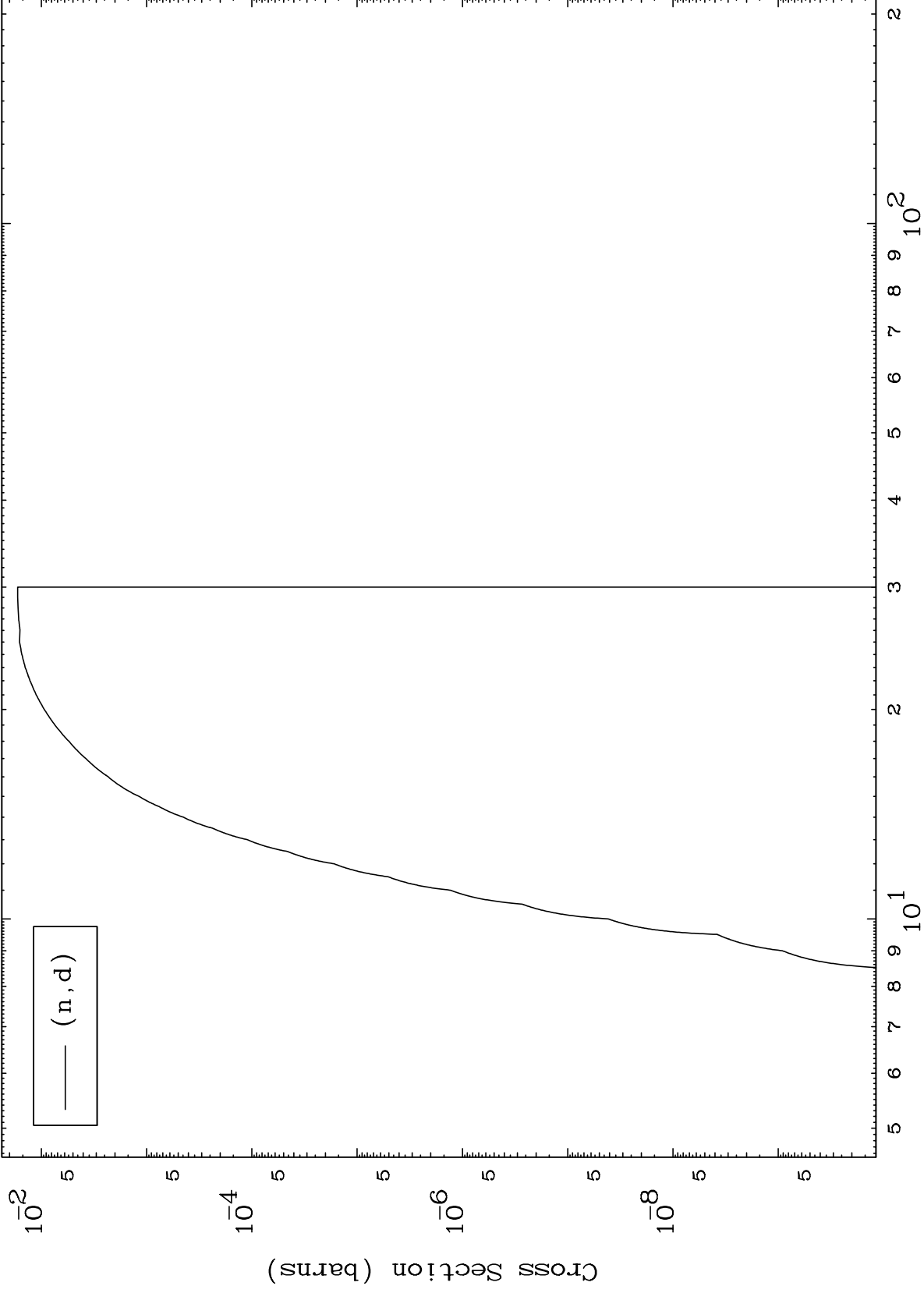
66-Dy-159



MAT 6634

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-159



12

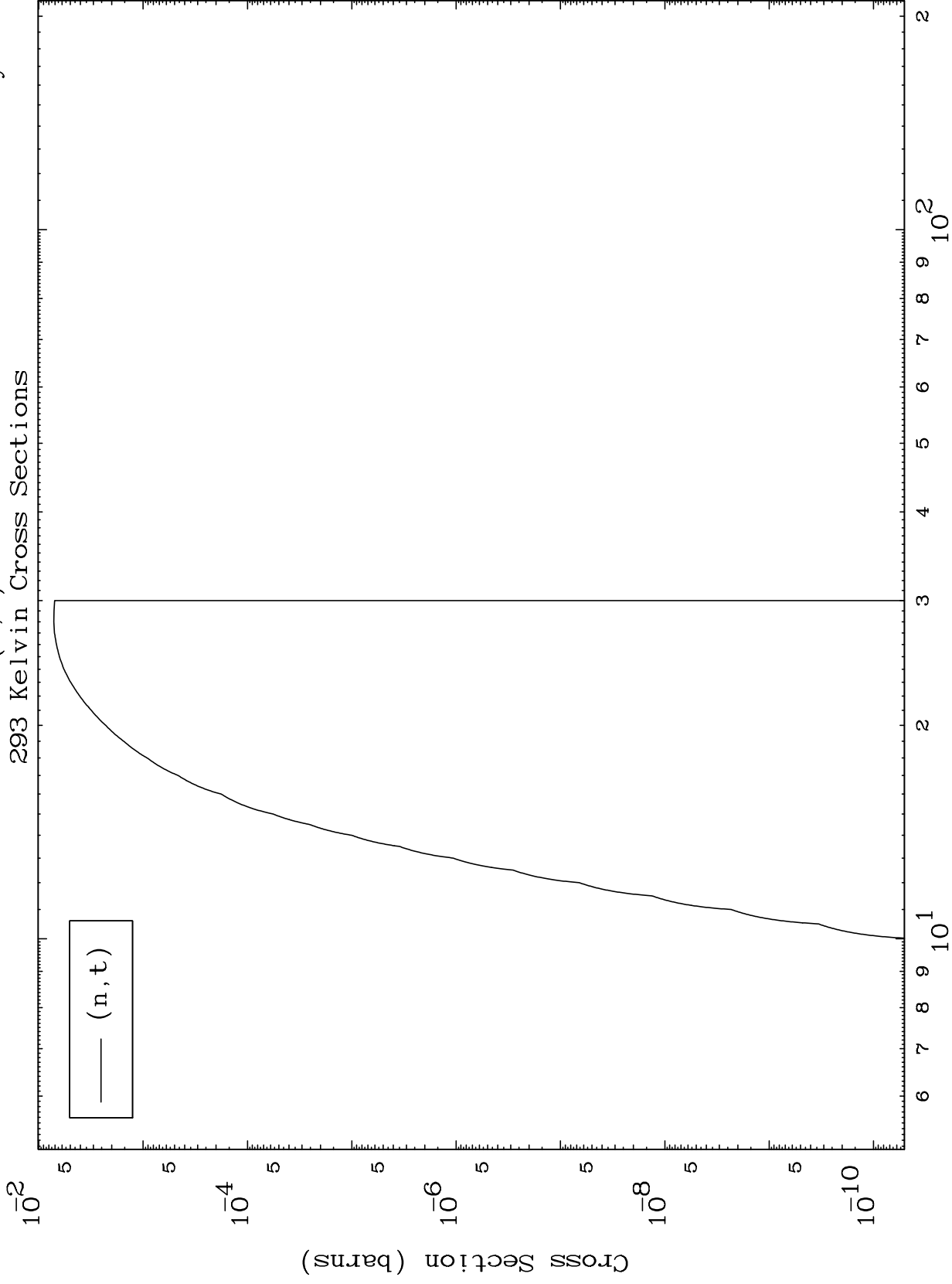
Incident Energy (MeV)

66-Dy-159

MAT 6634

(n, t) Levels
293 Kelvin Cross Sections

66-Dy-159



13

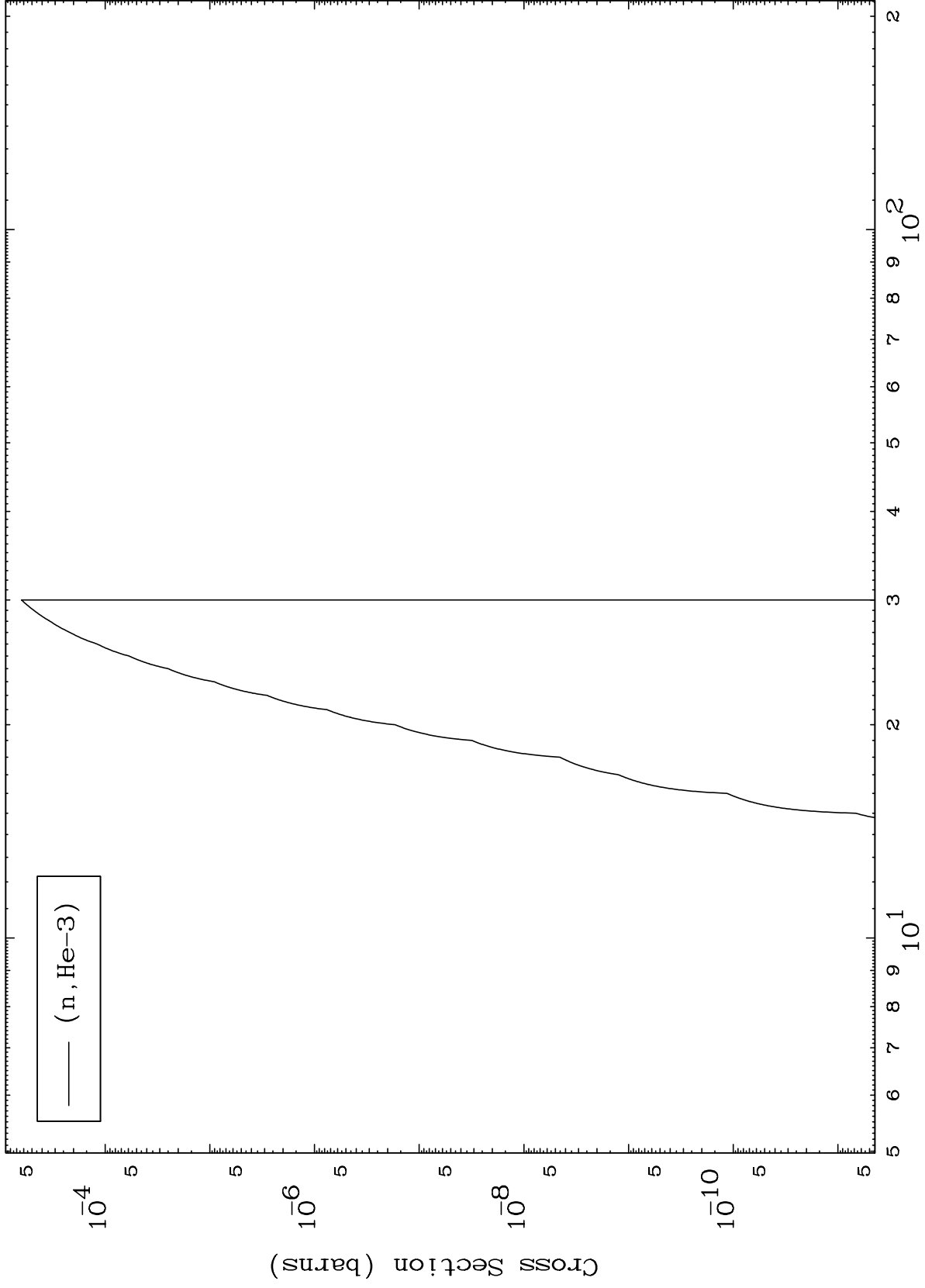
Incident Energy (MeV)

66-Dy-159

MAT 6634

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-159



14

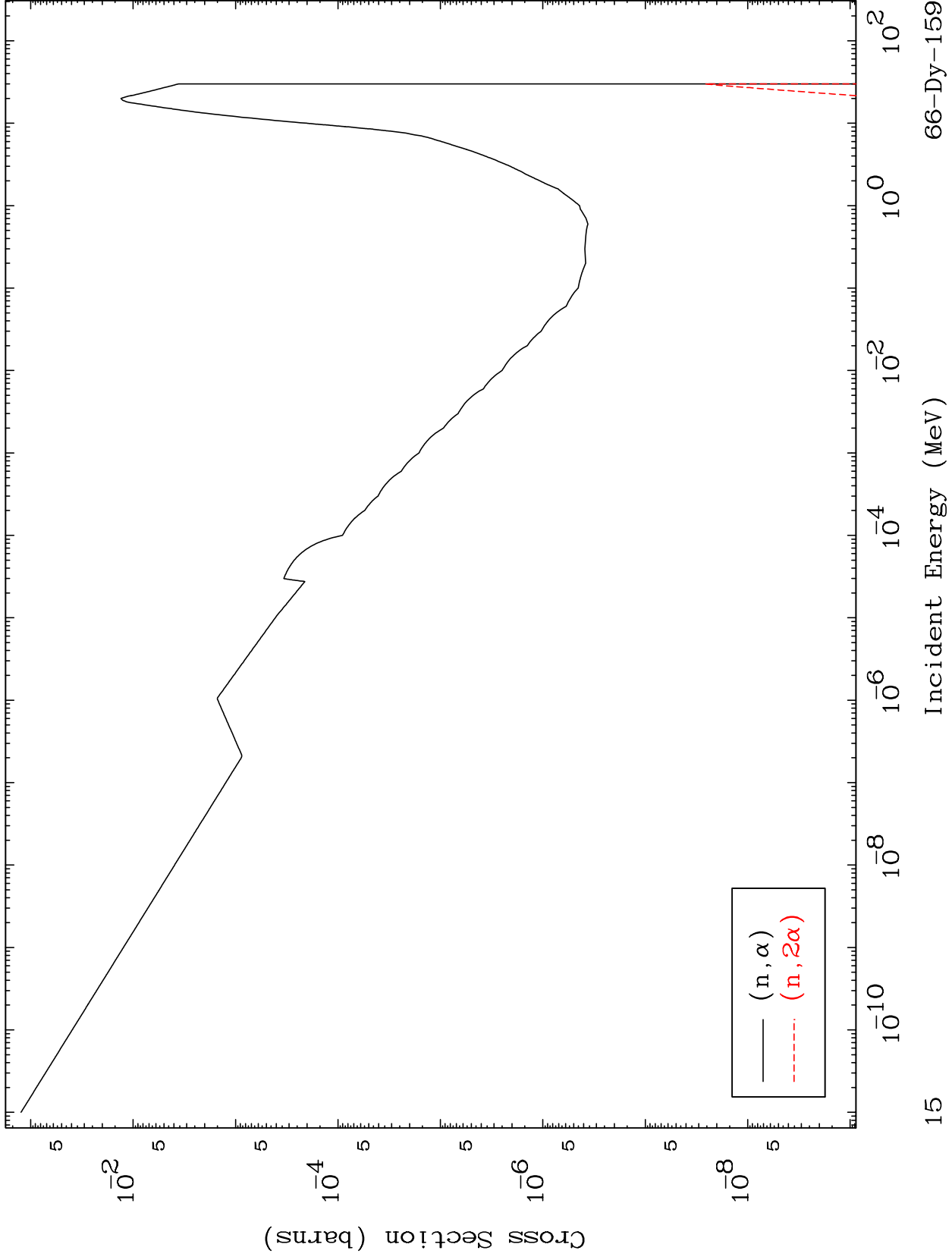
Incident Energy (MeV)

66-Dy-159

MAT 6634

(n,α) Levels
293 Kelvin Cross Sections

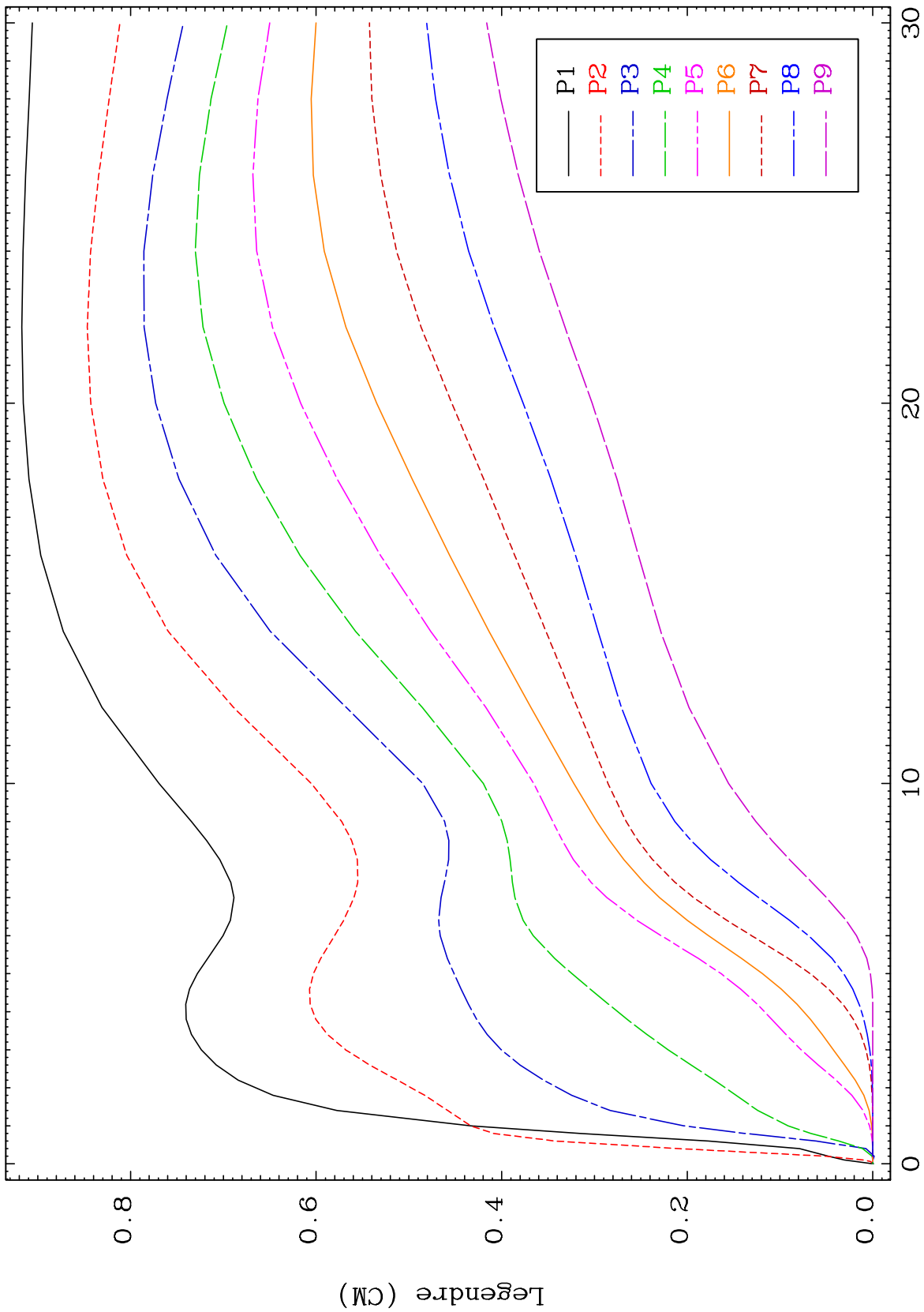
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MAT 6634

Elastic Legendre Coefficients

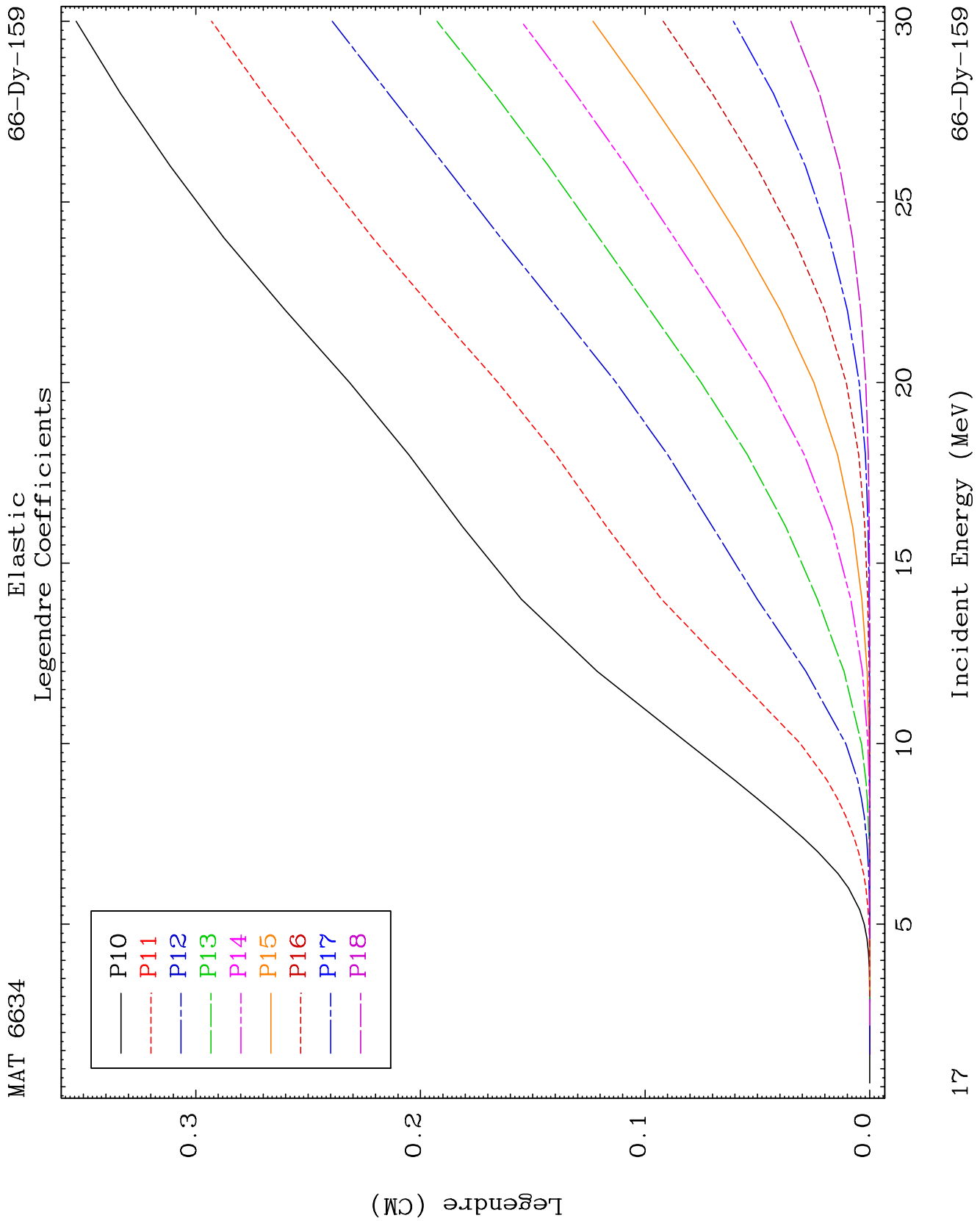
66-Dy-159



16

Incident Energy (MeV)

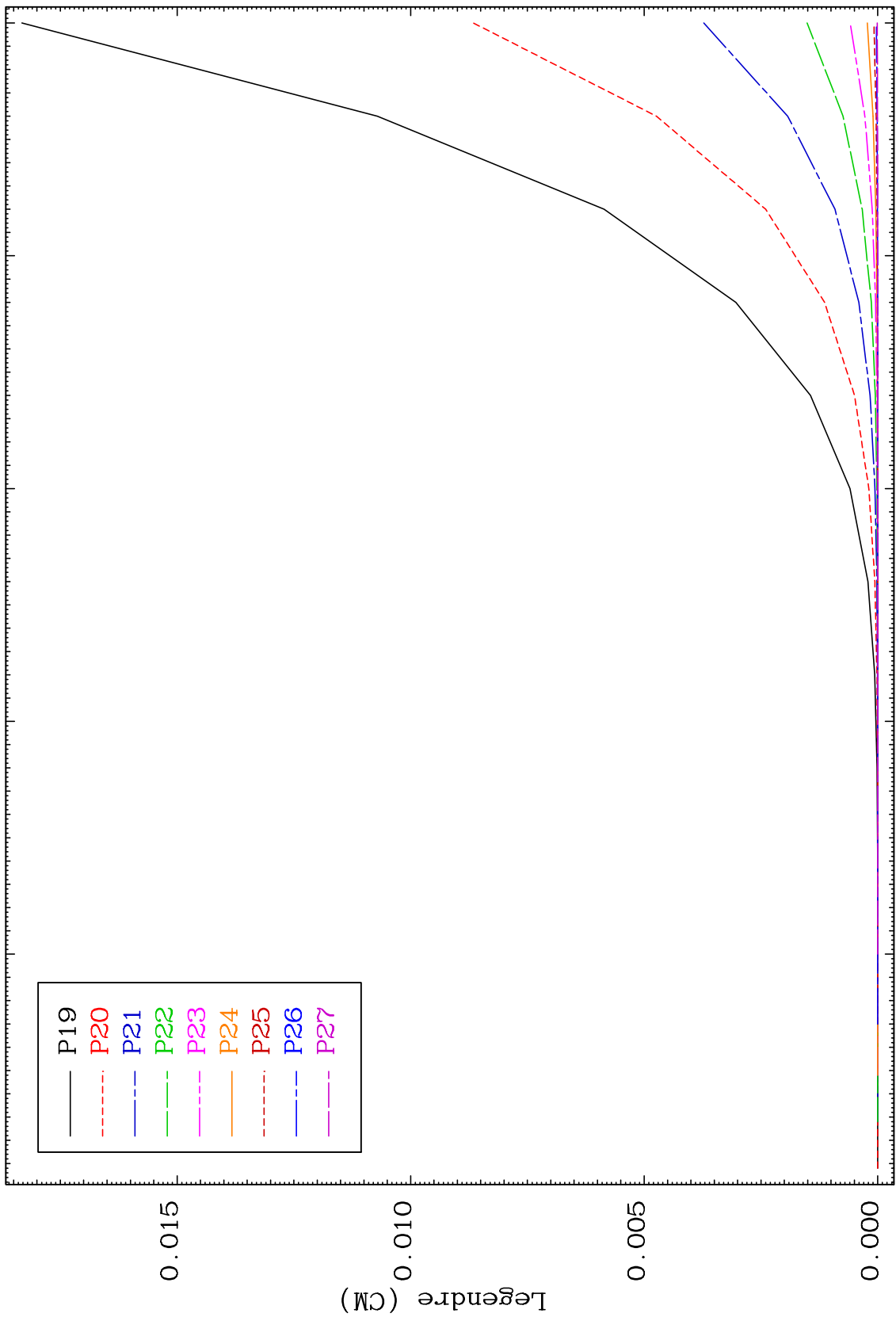
66-Dy-159



MAT 6634

Elastic Legendre Coefficients

66-Dy-159



18

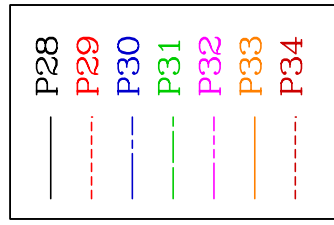
Incident Energy (MeV)

66-Dy-159

MAT 6634

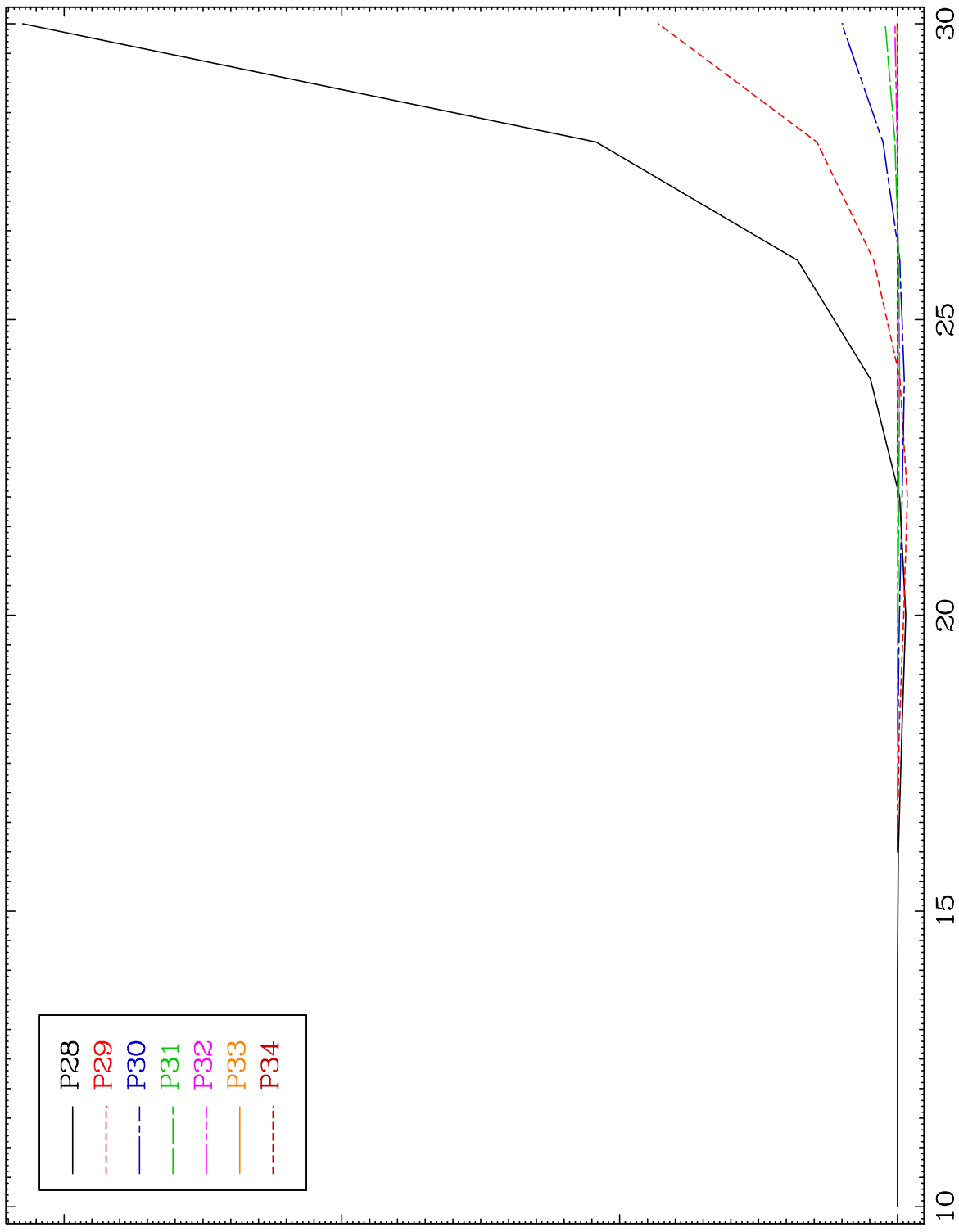
Elastic
Legendre Coefficients

66-Dy-159



$\times 10^{-63}$

Legendre (CM)



10

15

20

25

30

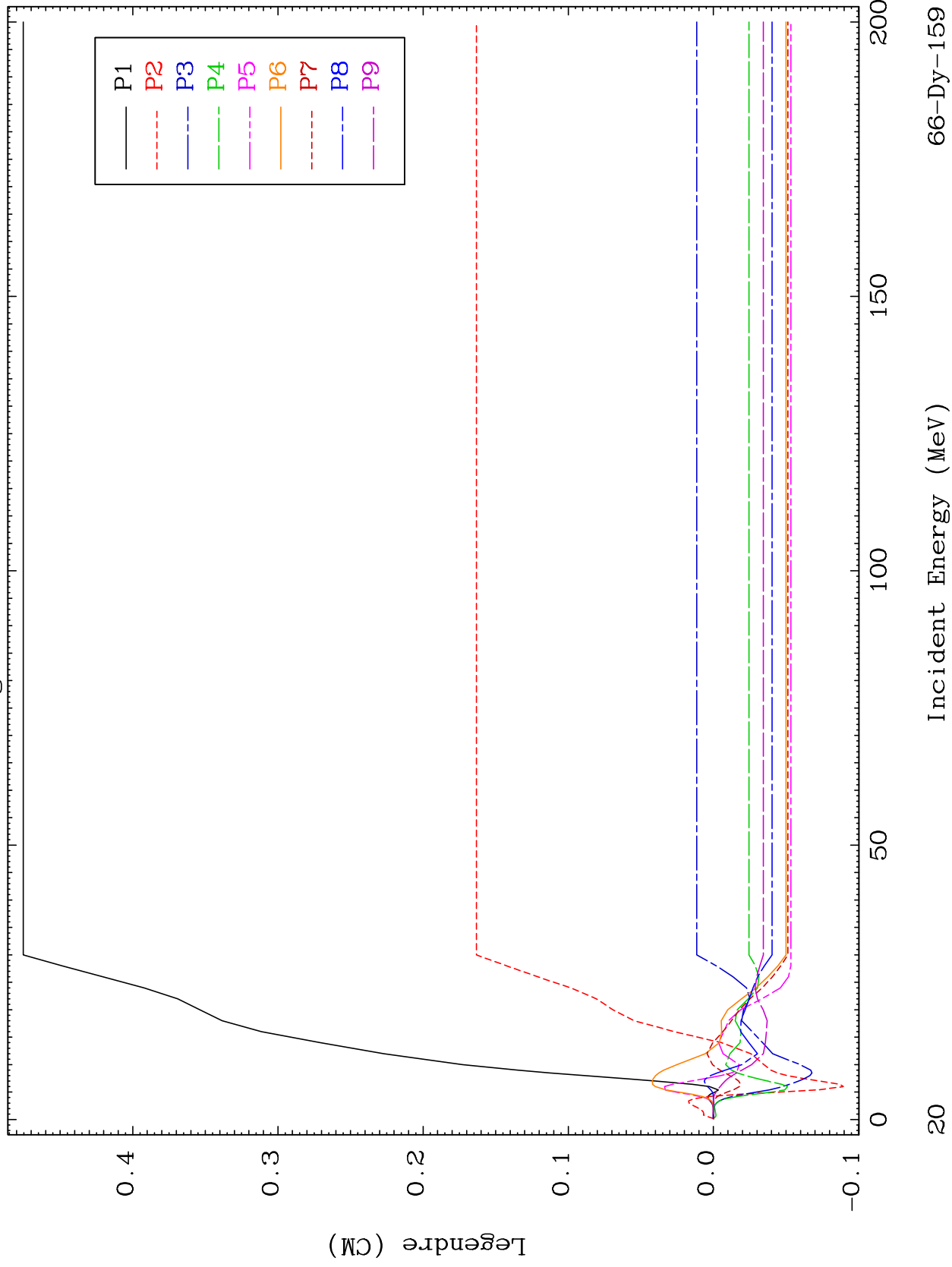
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159

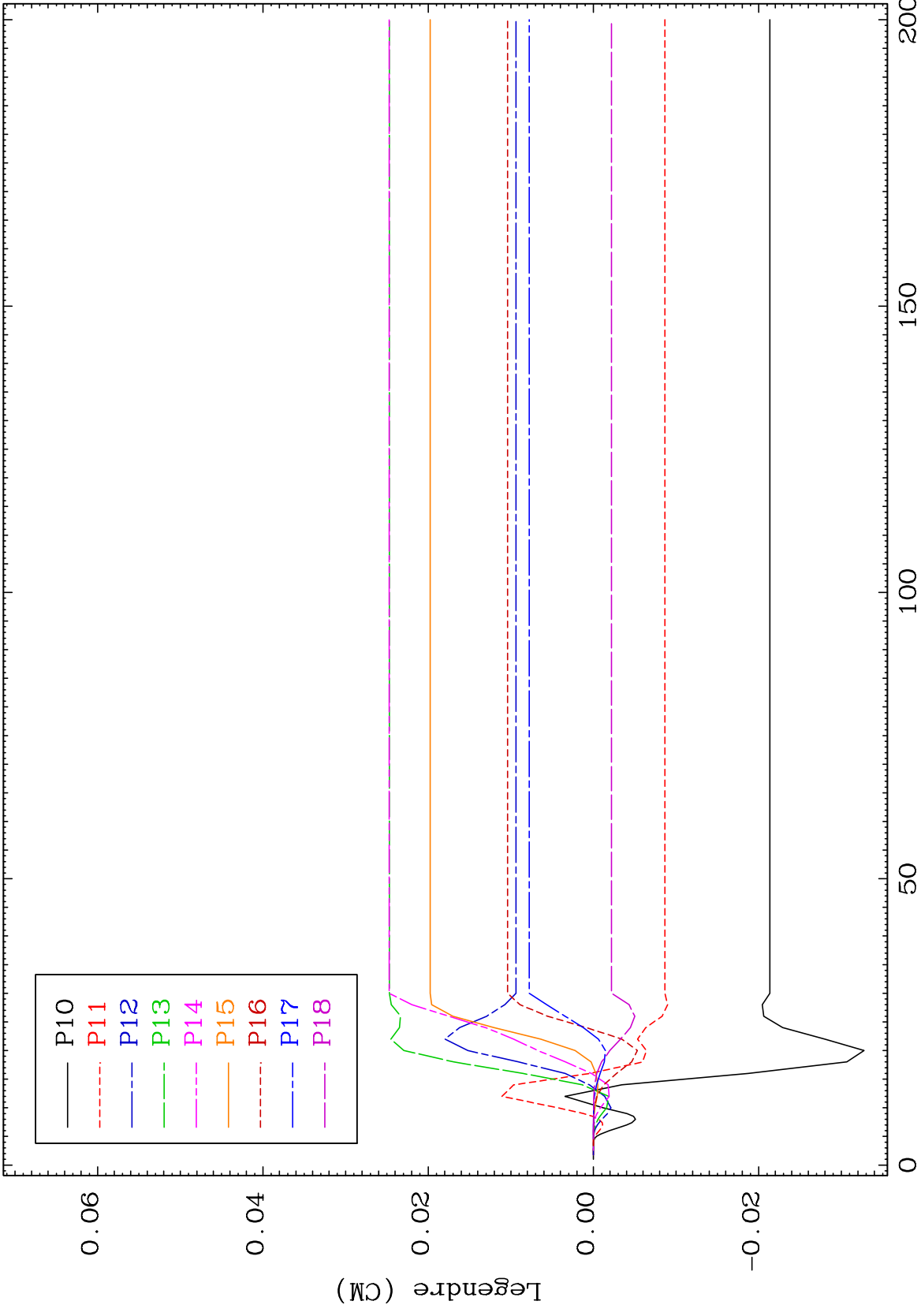


66-Dy-159

MAT 6634

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

66-Dy-159



21

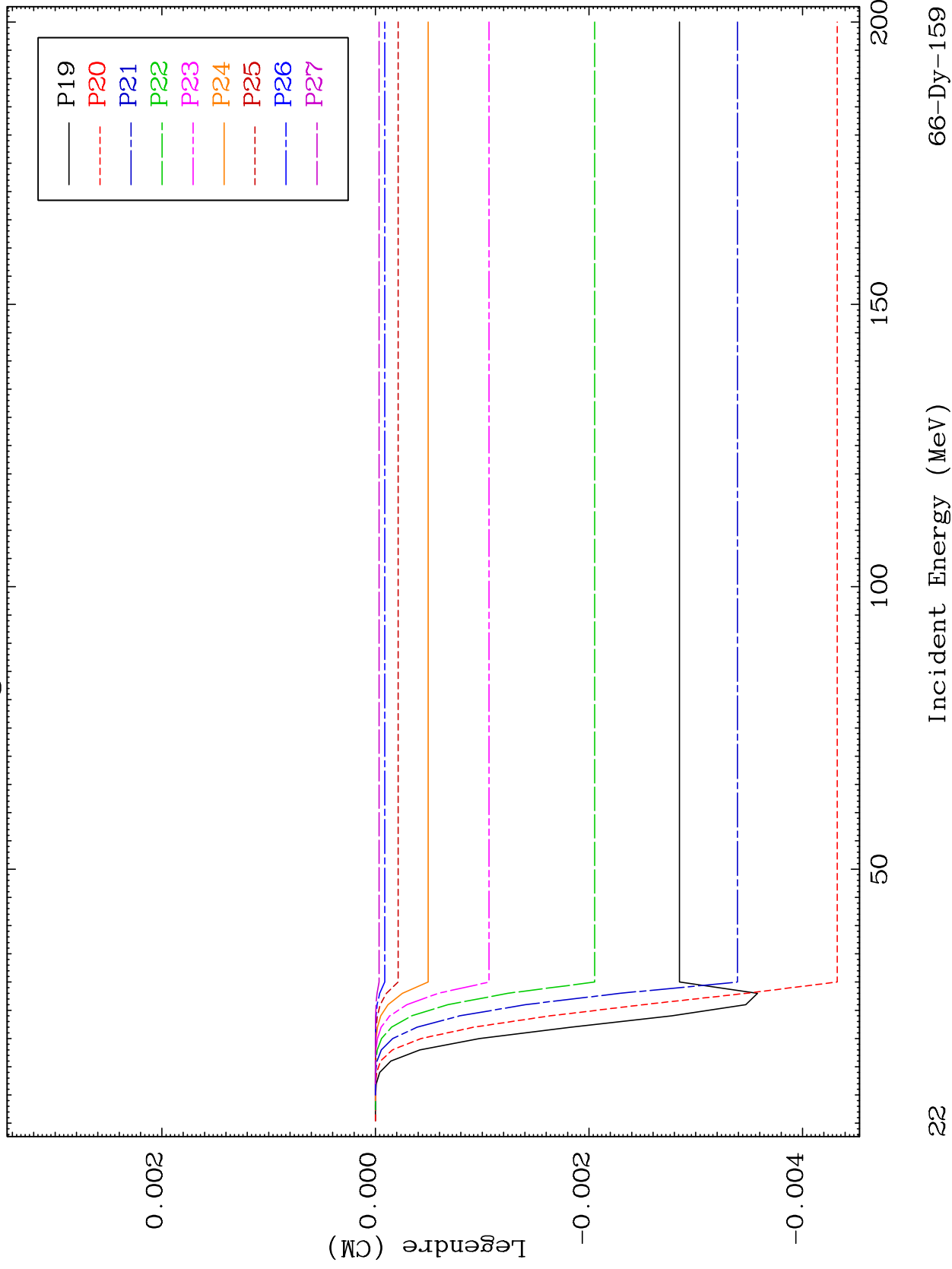
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159

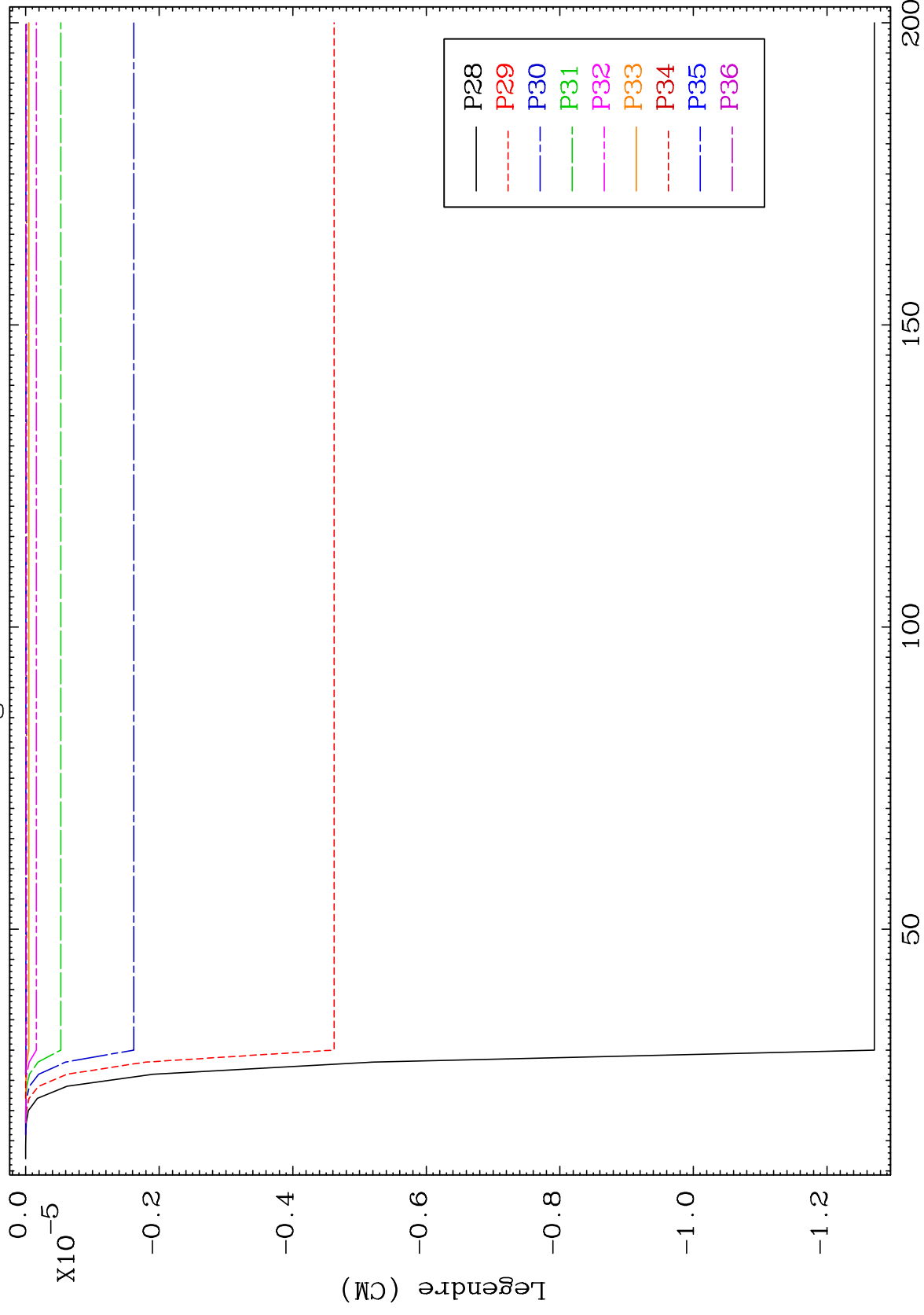


22

MAT 6634

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

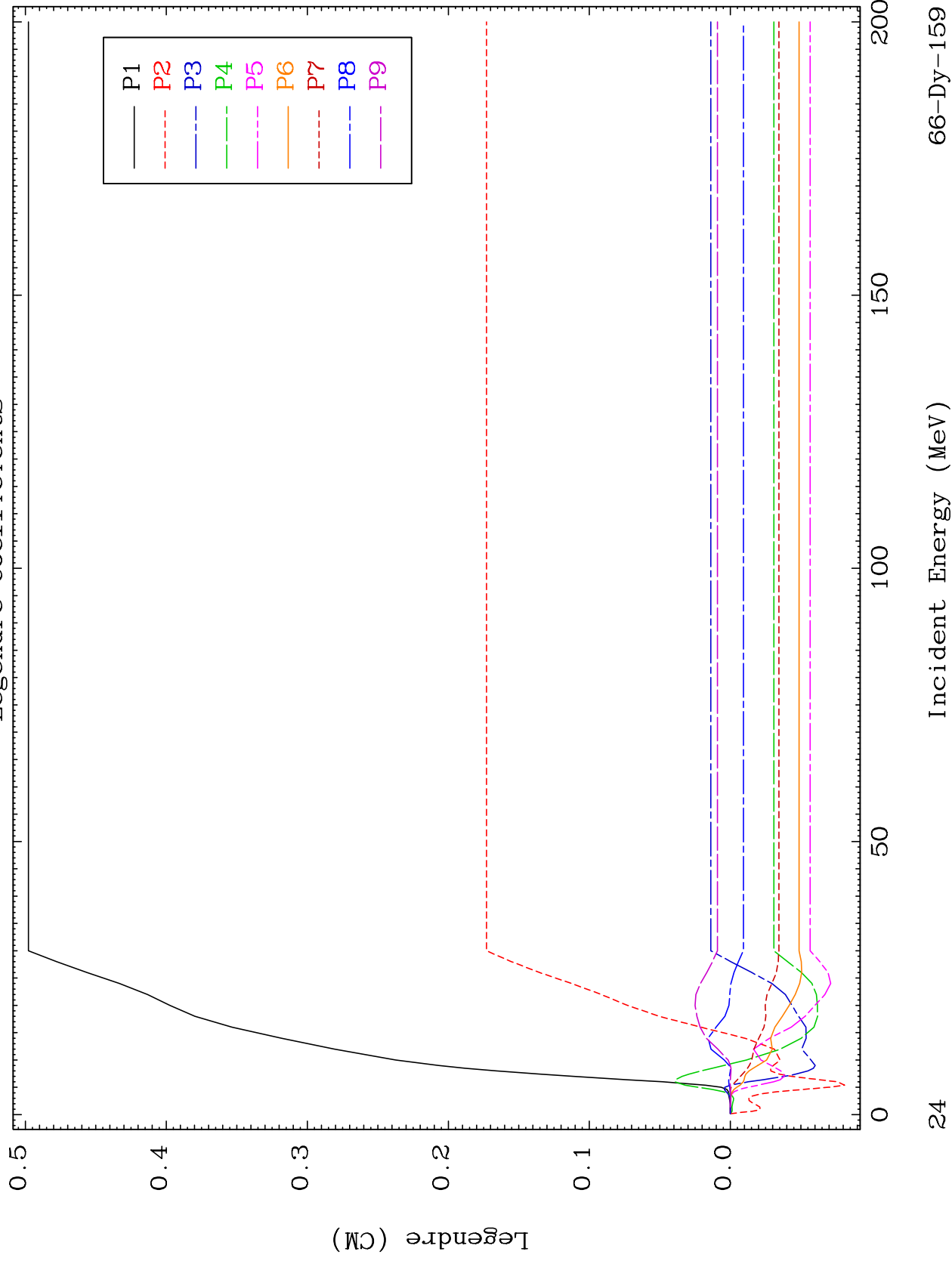
66-Dy-159



MAT 6634

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

66-Dy-159



66-Dy-159

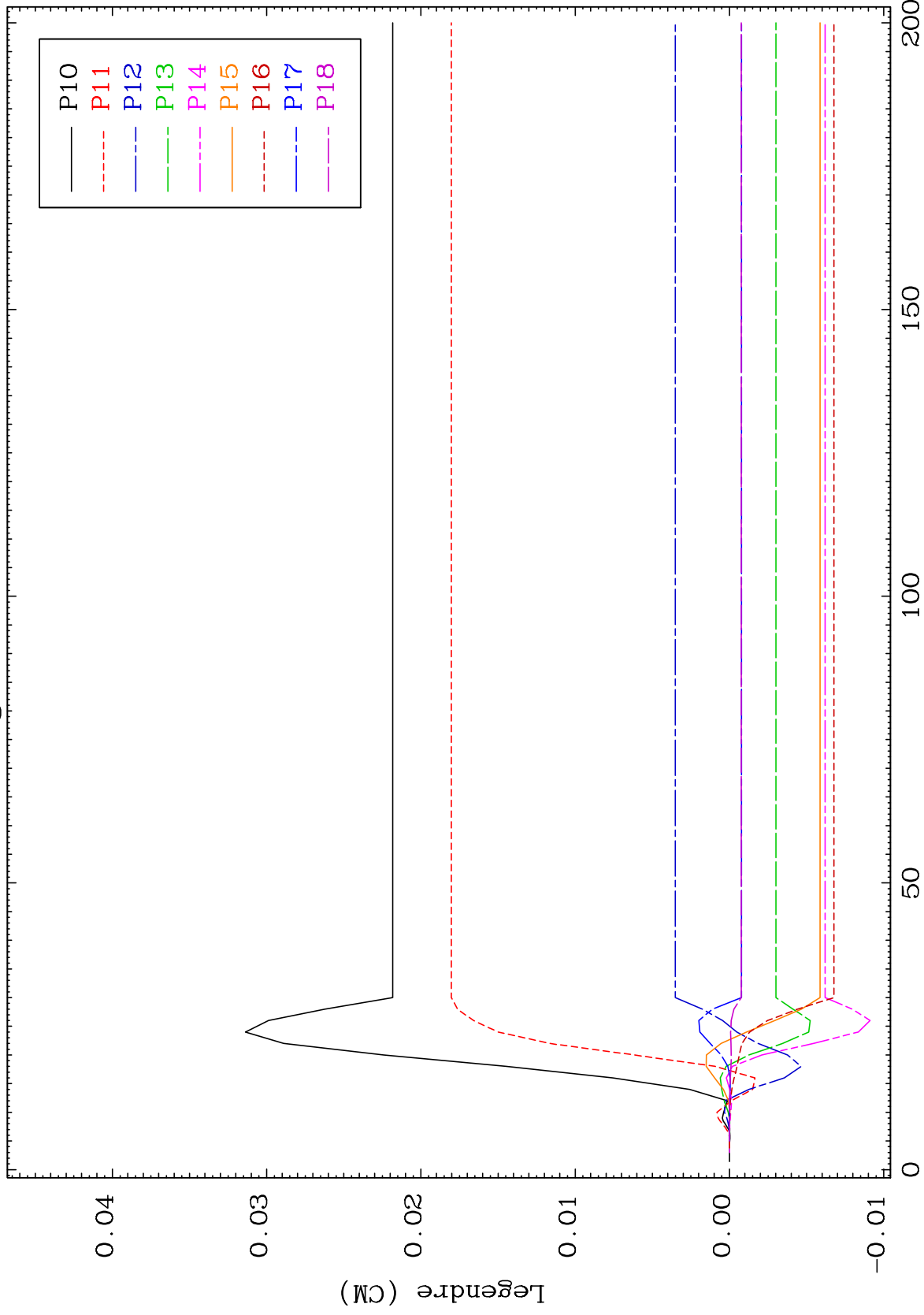
Incident Energy (MeV)

24

MAT 6634

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

66-Dy-159



25

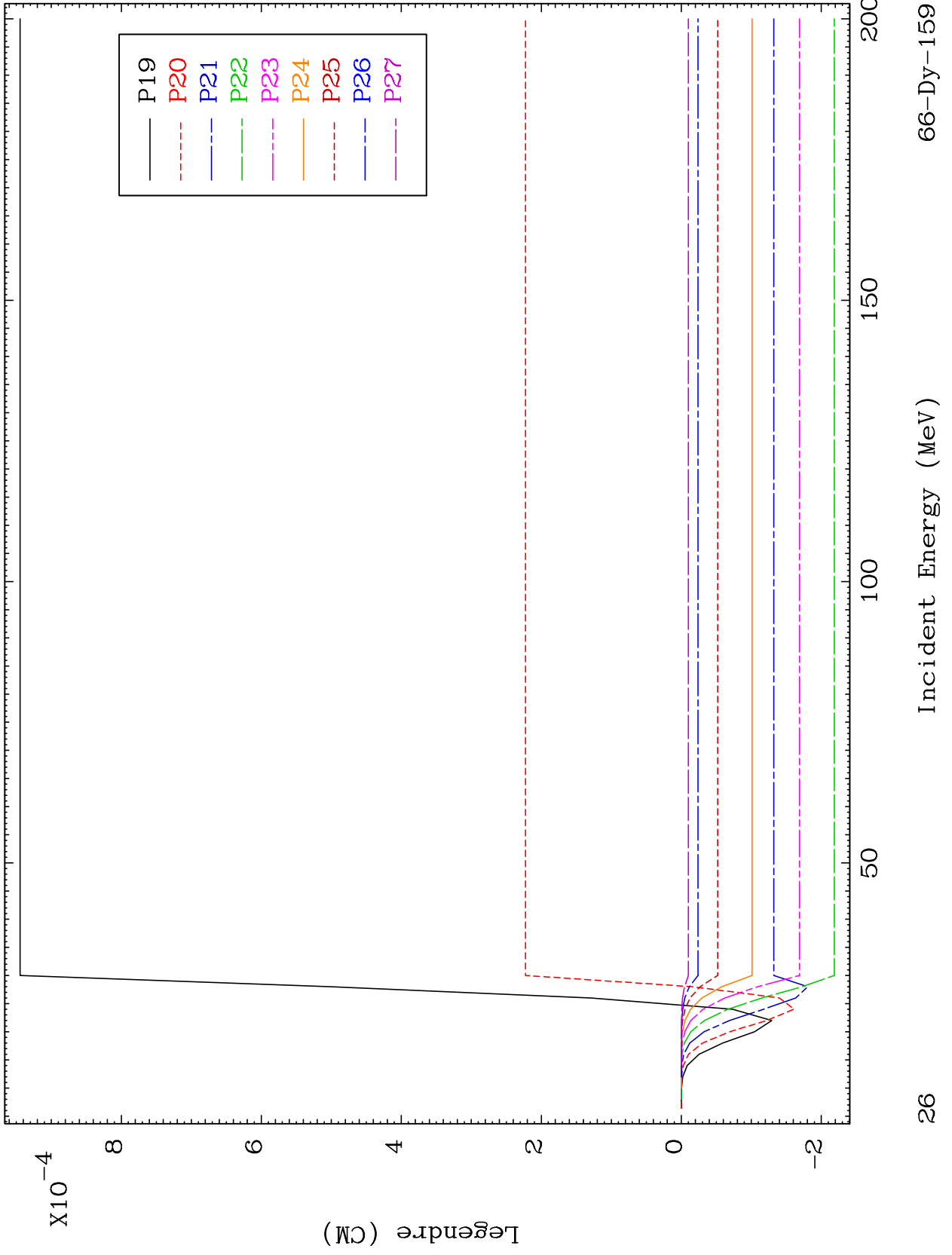
Incident Energy (MeV)

66-Dy-159

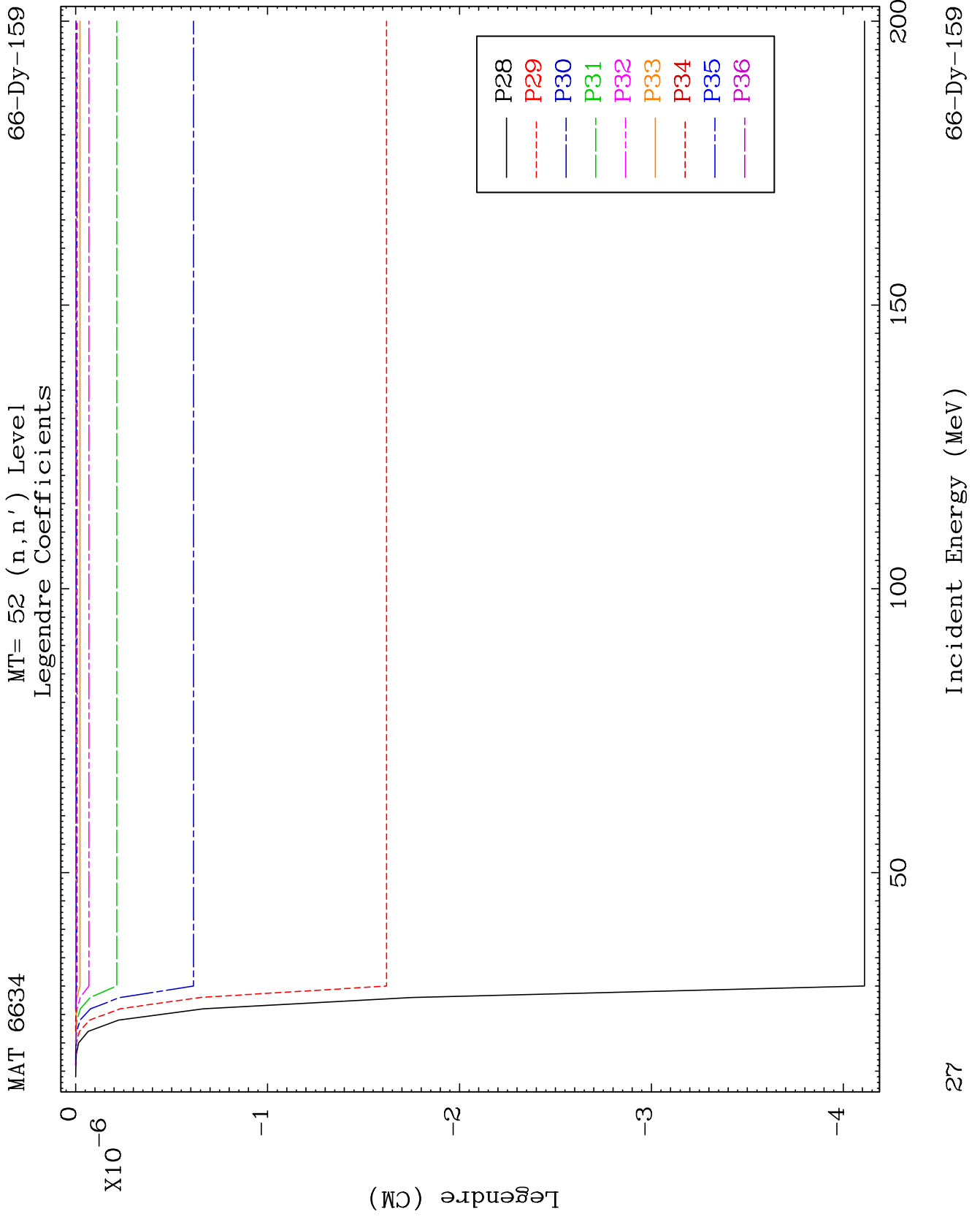
MAT 6634

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

66-Dy-159



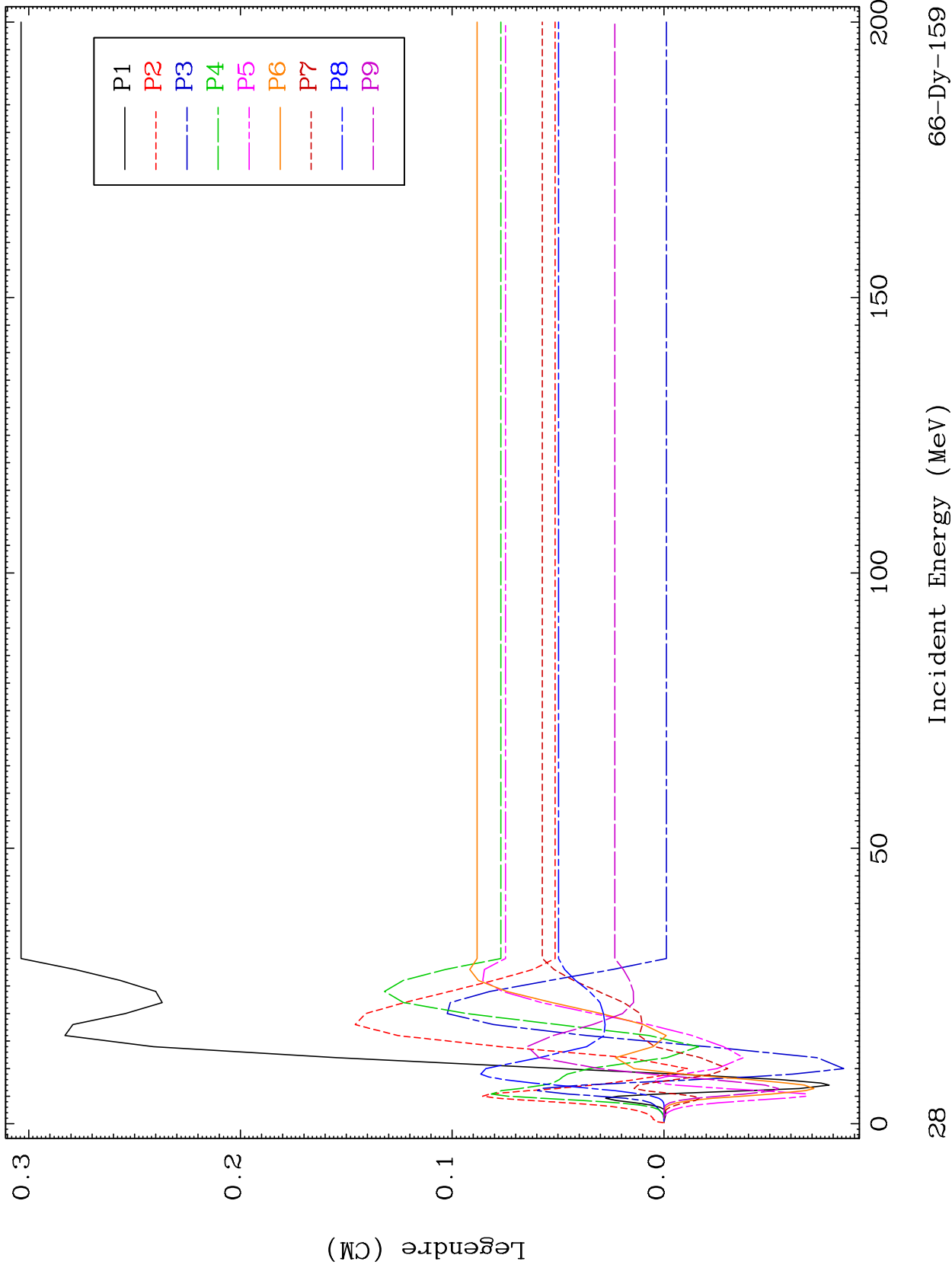
26



MAT 6634

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

66-Dy-159



28

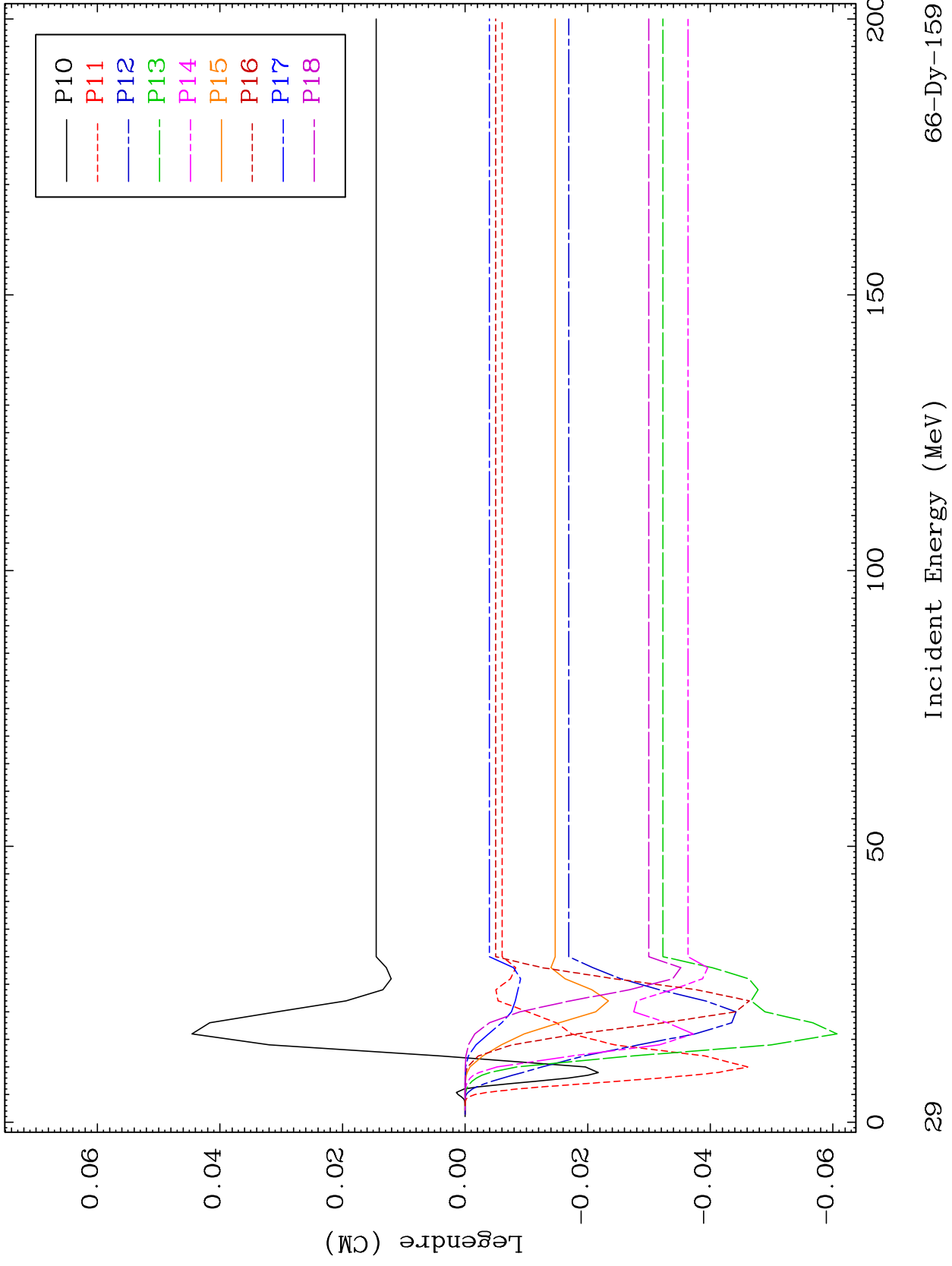
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



29

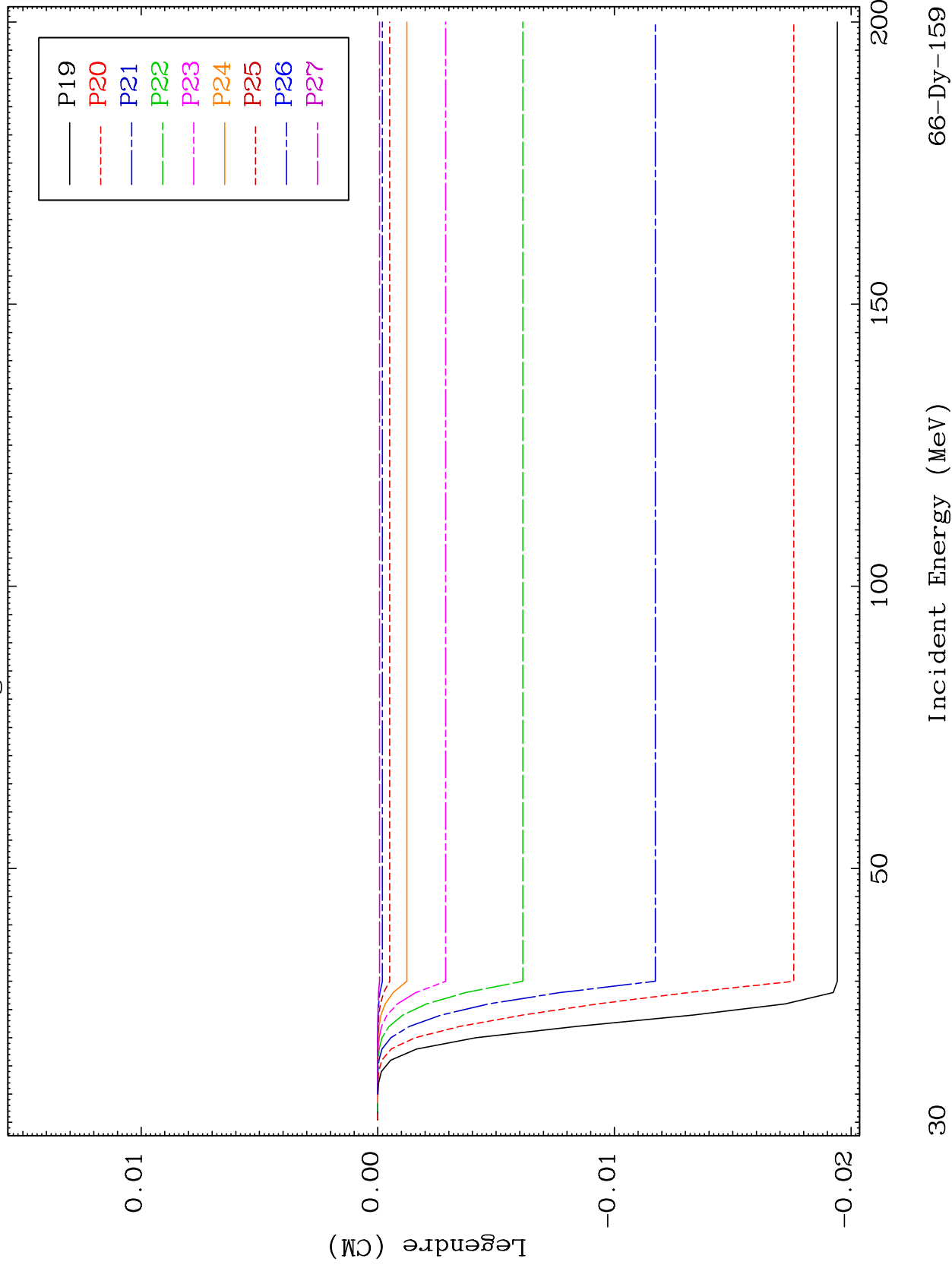
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159

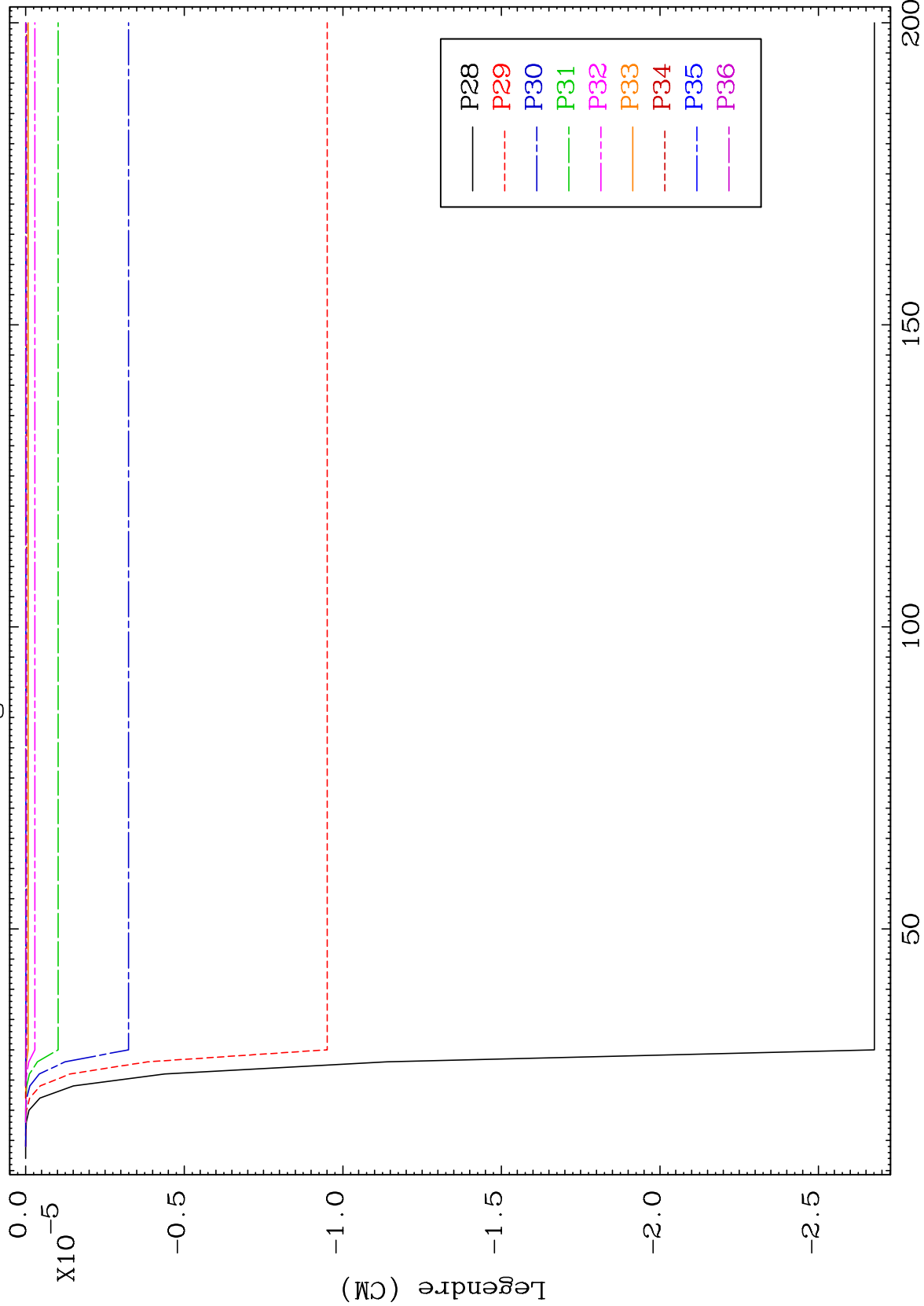


MAT 6634

MT= 53 (n,n') Level

66-Dy-159

Legendre Coefficients



66-Dy-159

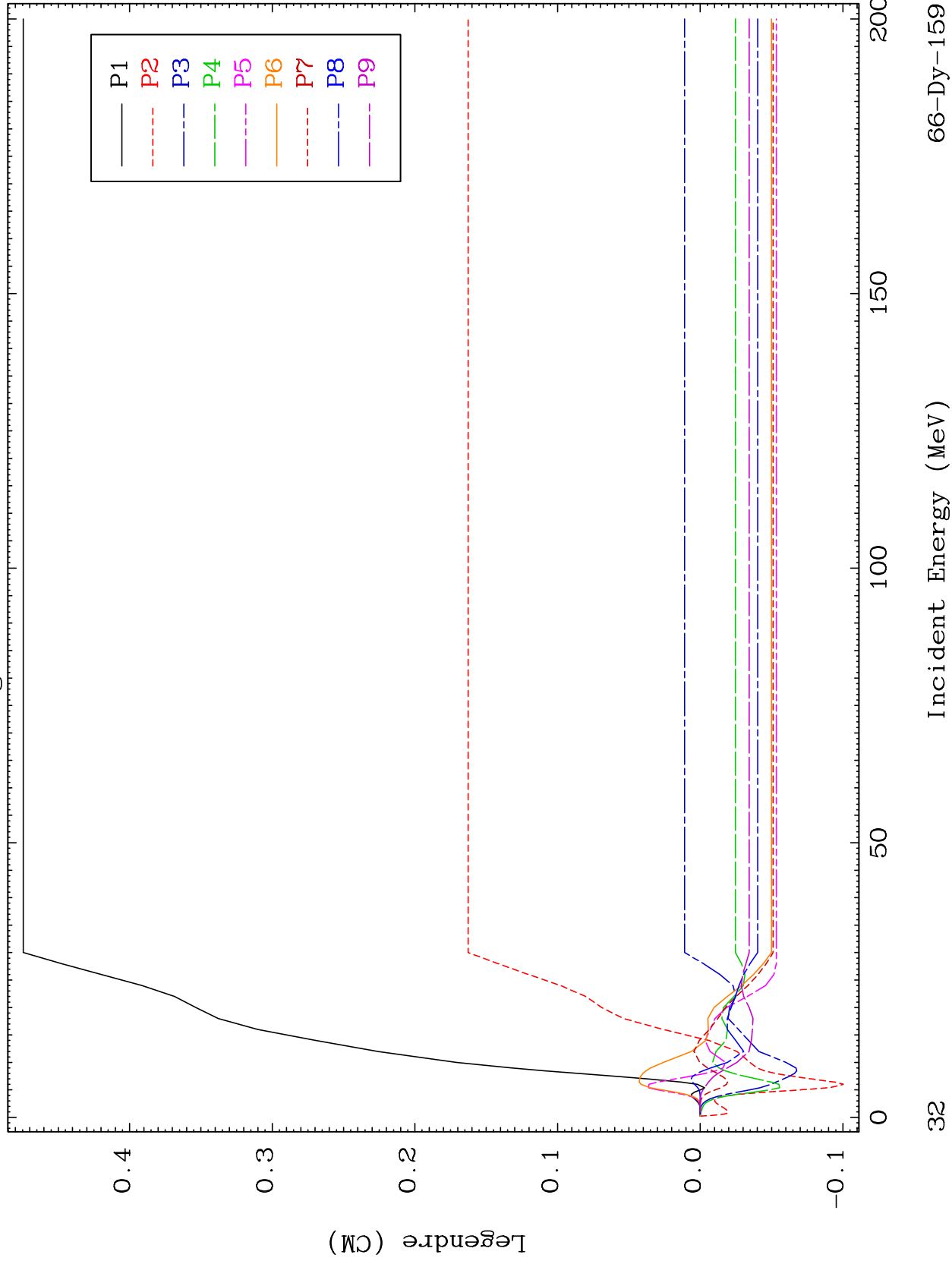
Incident Energy (MeV)

31

MAT 6634

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

66-Dy-159



66-Dy-159

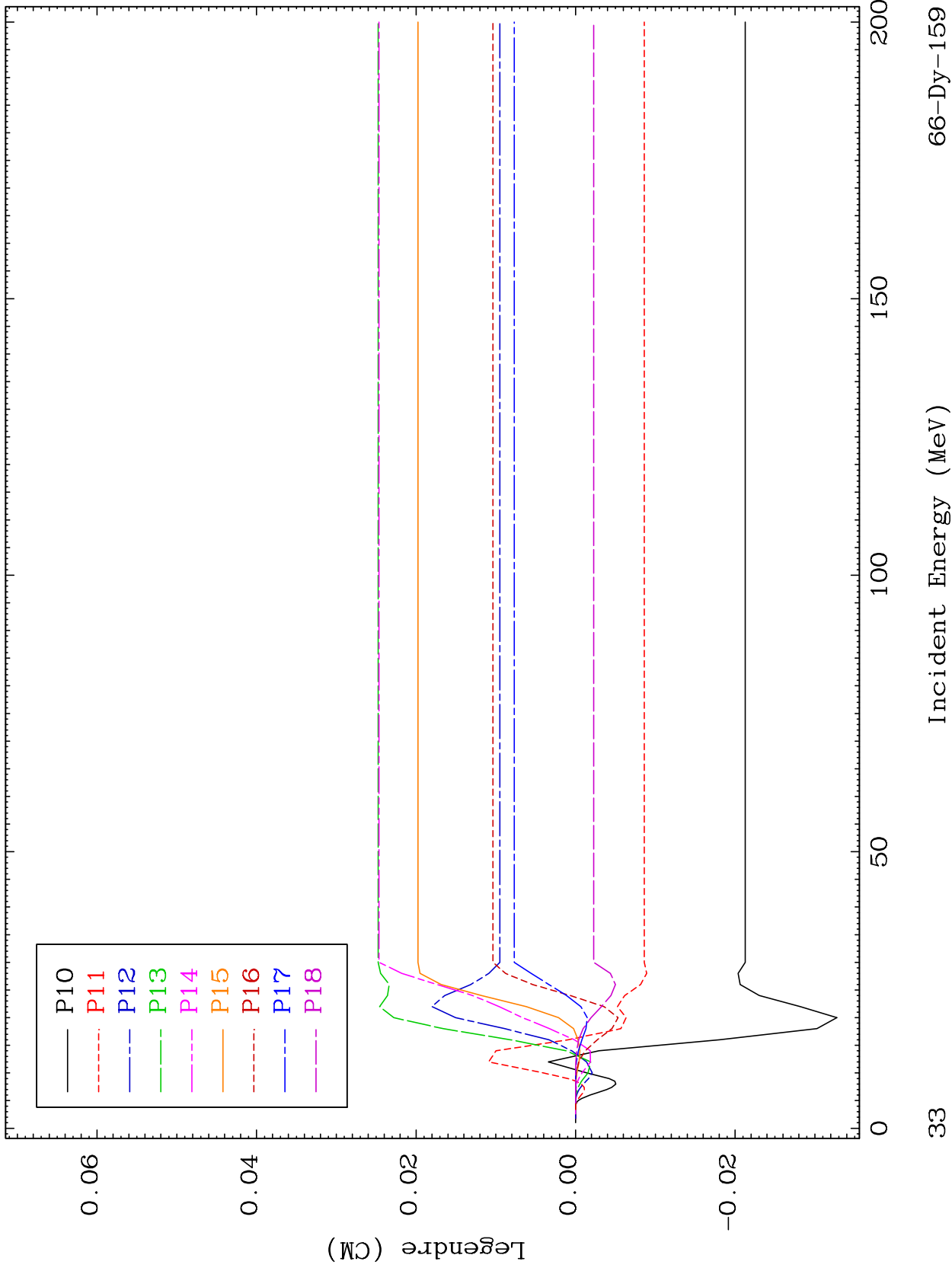
Incident Energy (MeV)

32

MAT 6634

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

66-Dy-159



33

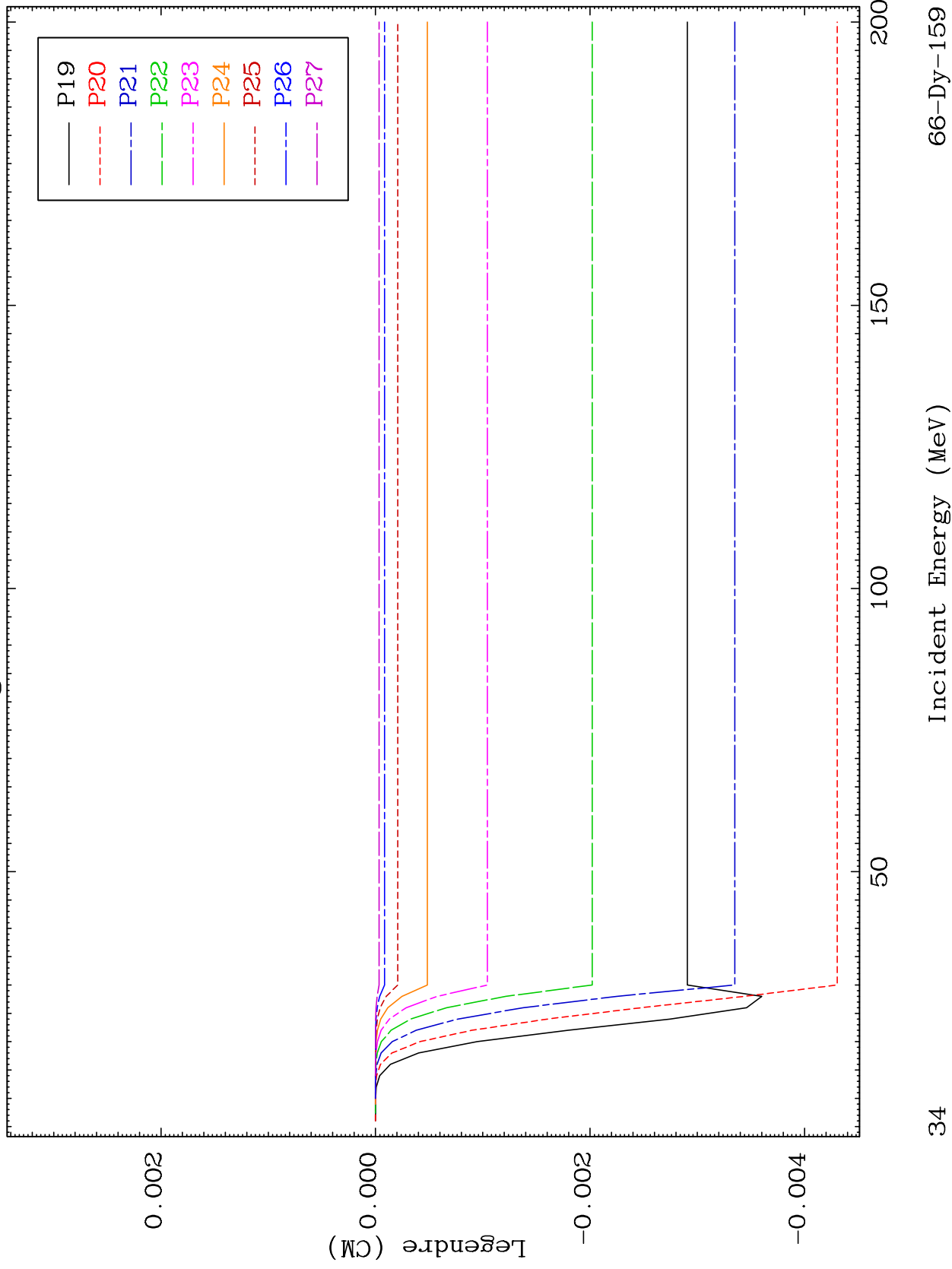
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



34

Incident Energy (MeV)

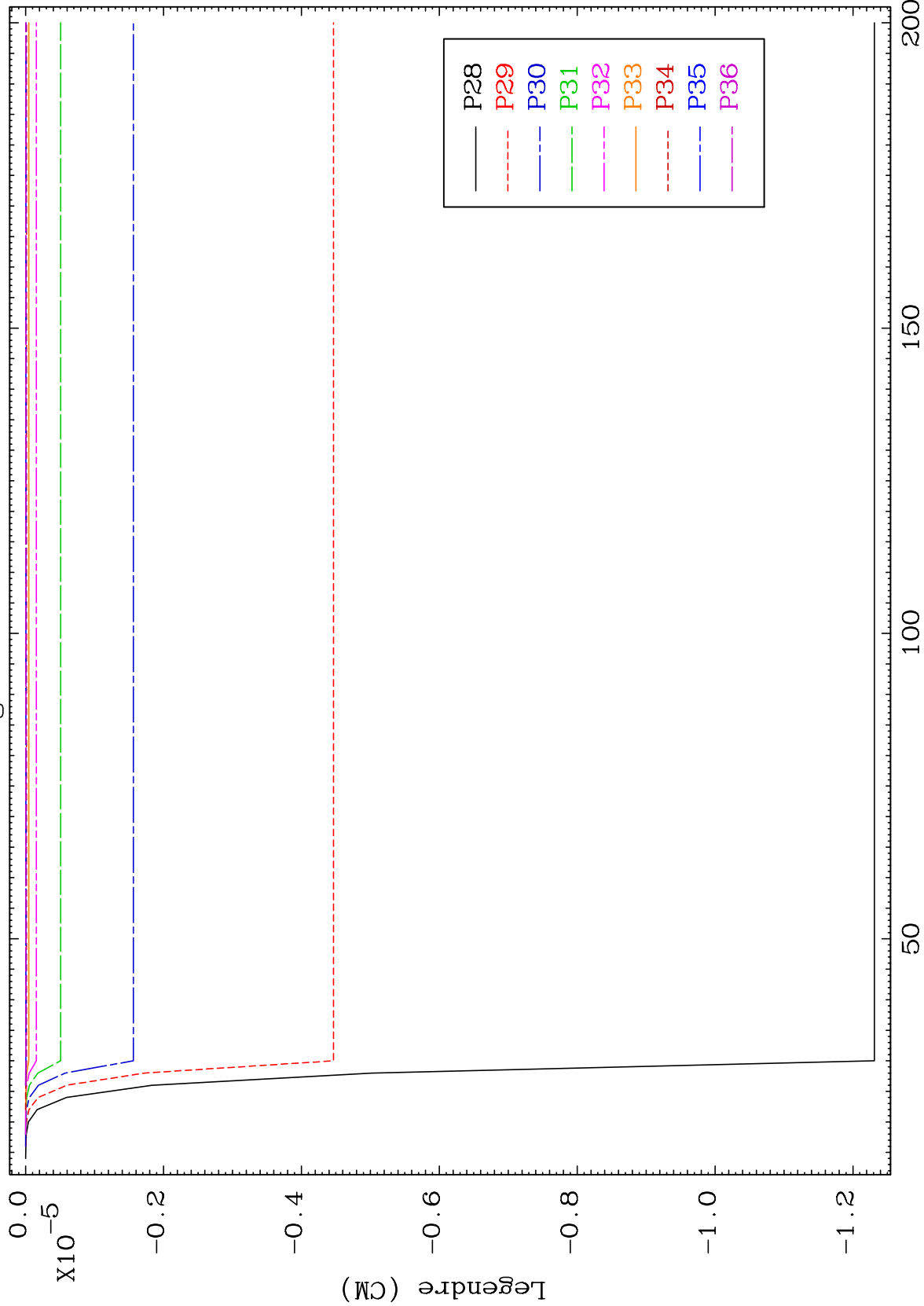
66-Dy-159

MAT 6634

MT= 54 (n,n') Level

66-Dy-159

Legendre Coefficients



66-Dy-159

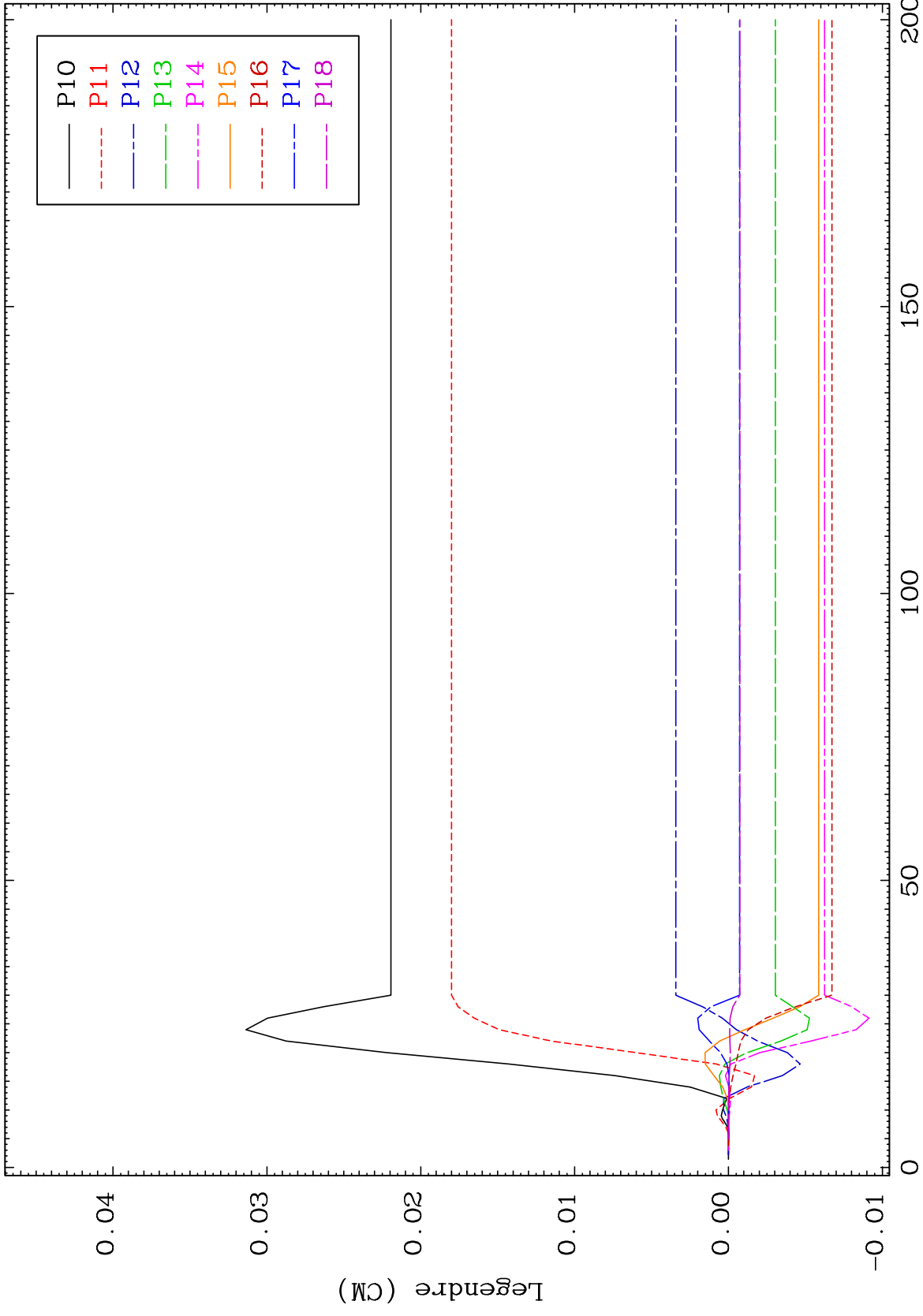
Incident Energy (MeV)

35

MAT 6634

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

66-Dy-159



37

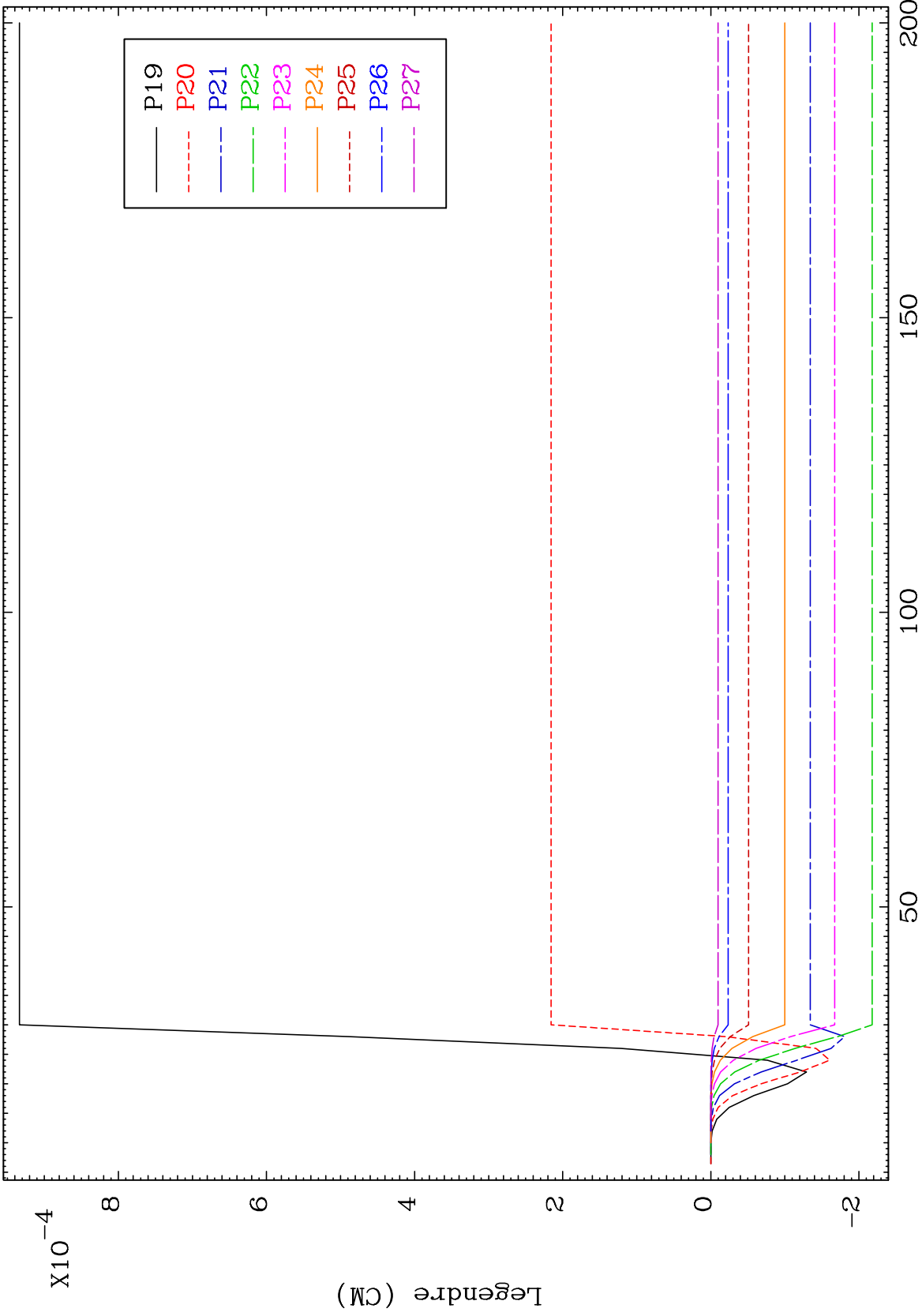
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

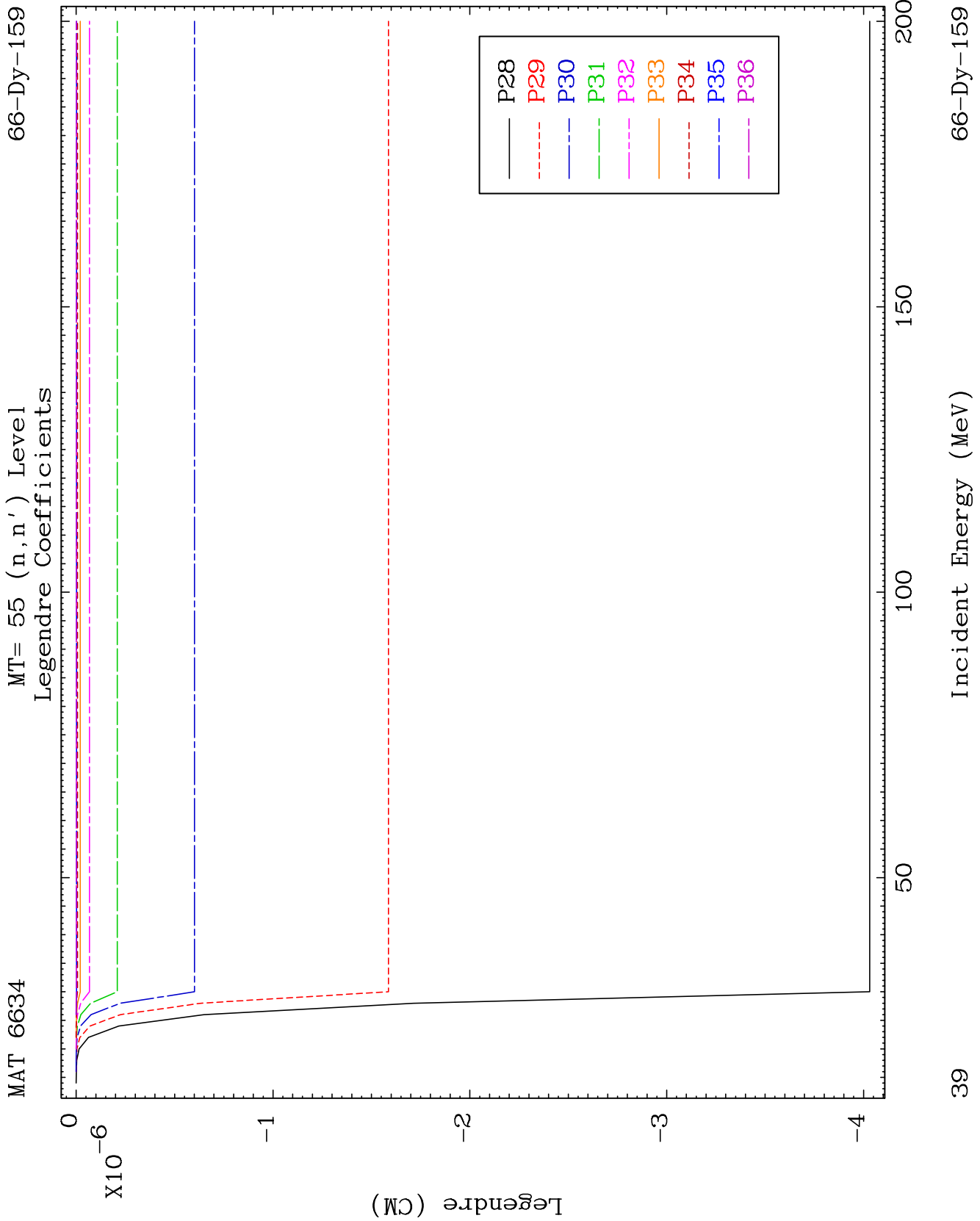
66-Dy-159



38

Incident Energy (MeV)

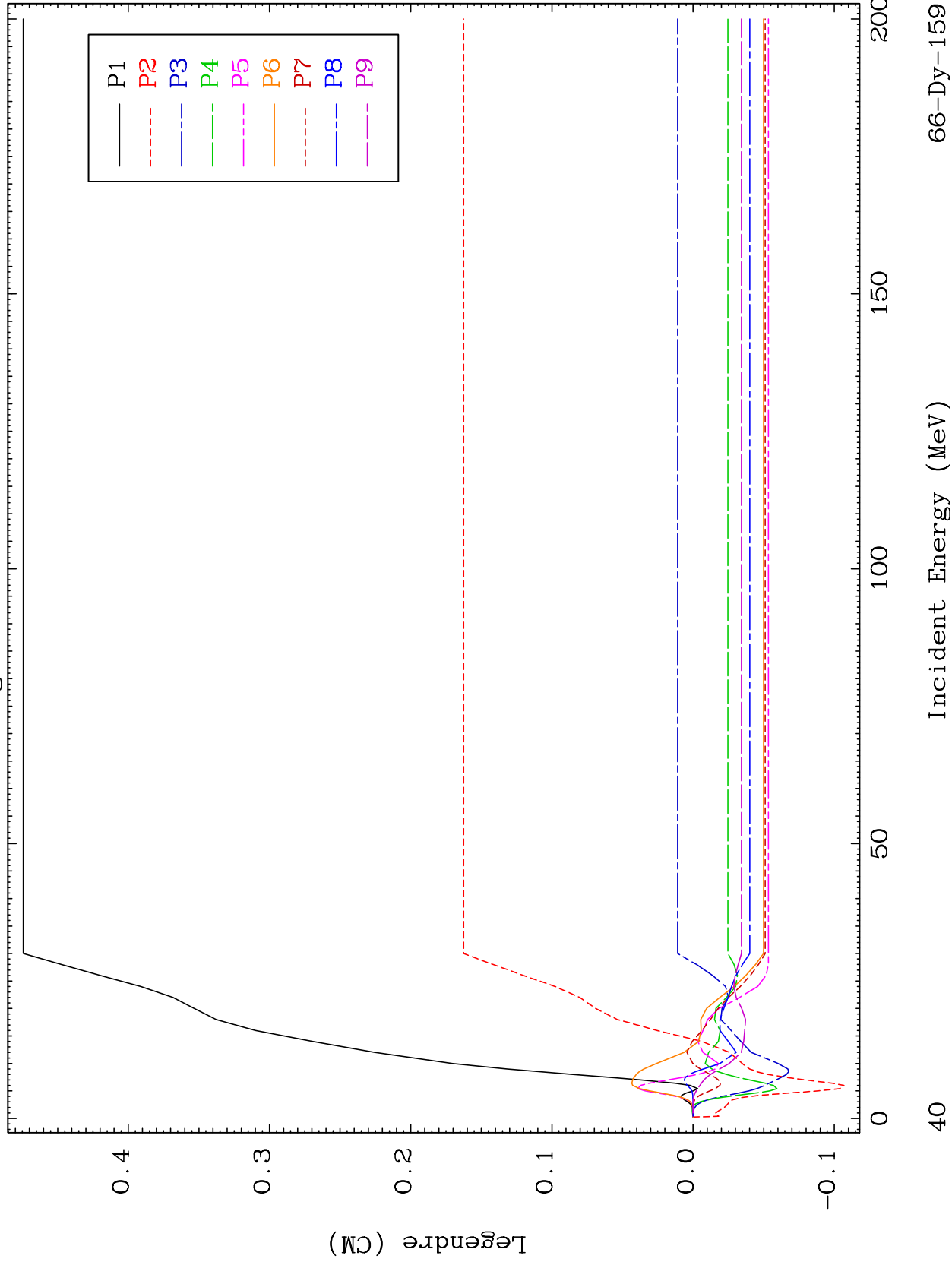
66-Dy-159



MAT 6634

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

66-Dy-159



66-Dy-159

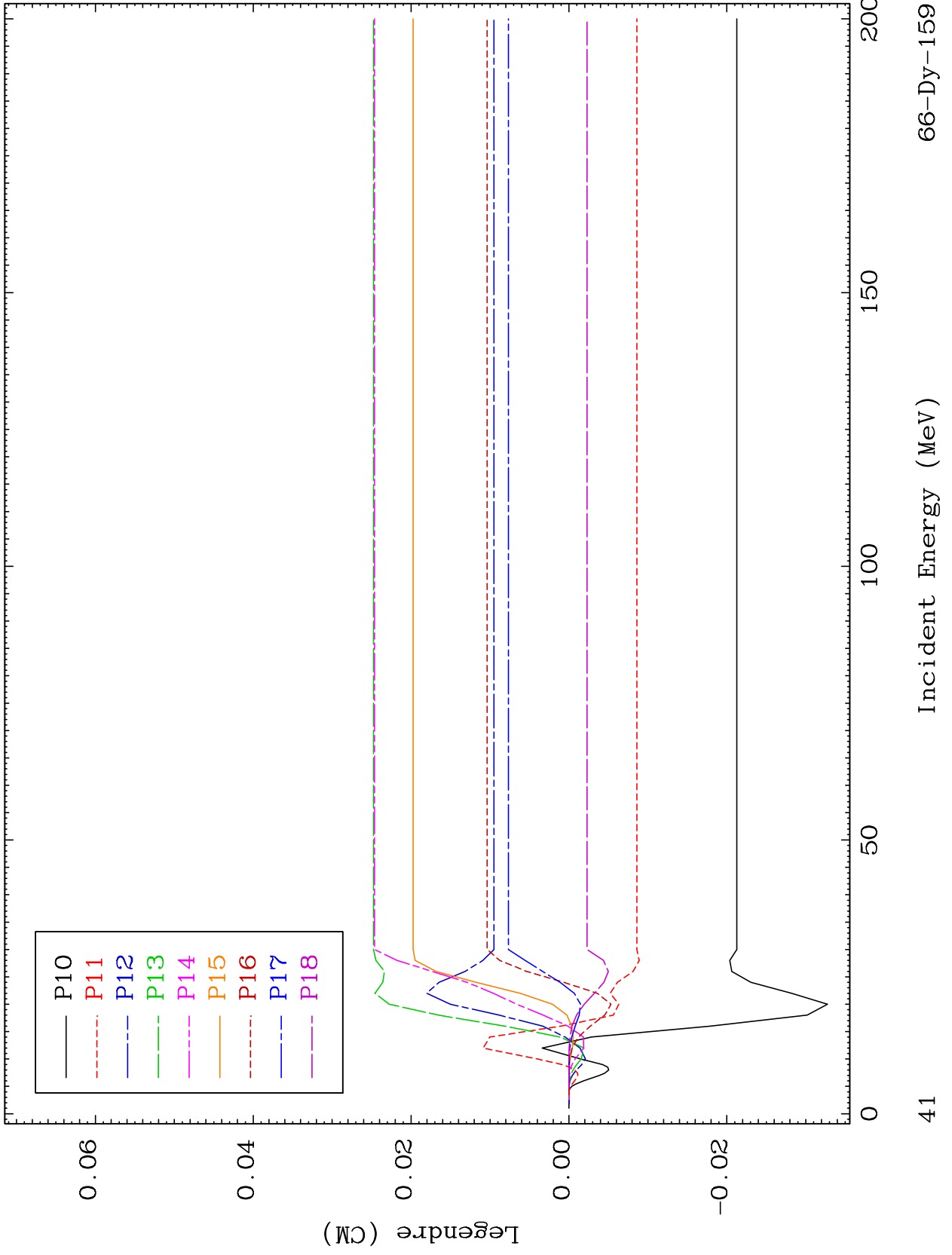
Incident Energy (MeV)

40

MAT 6634

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

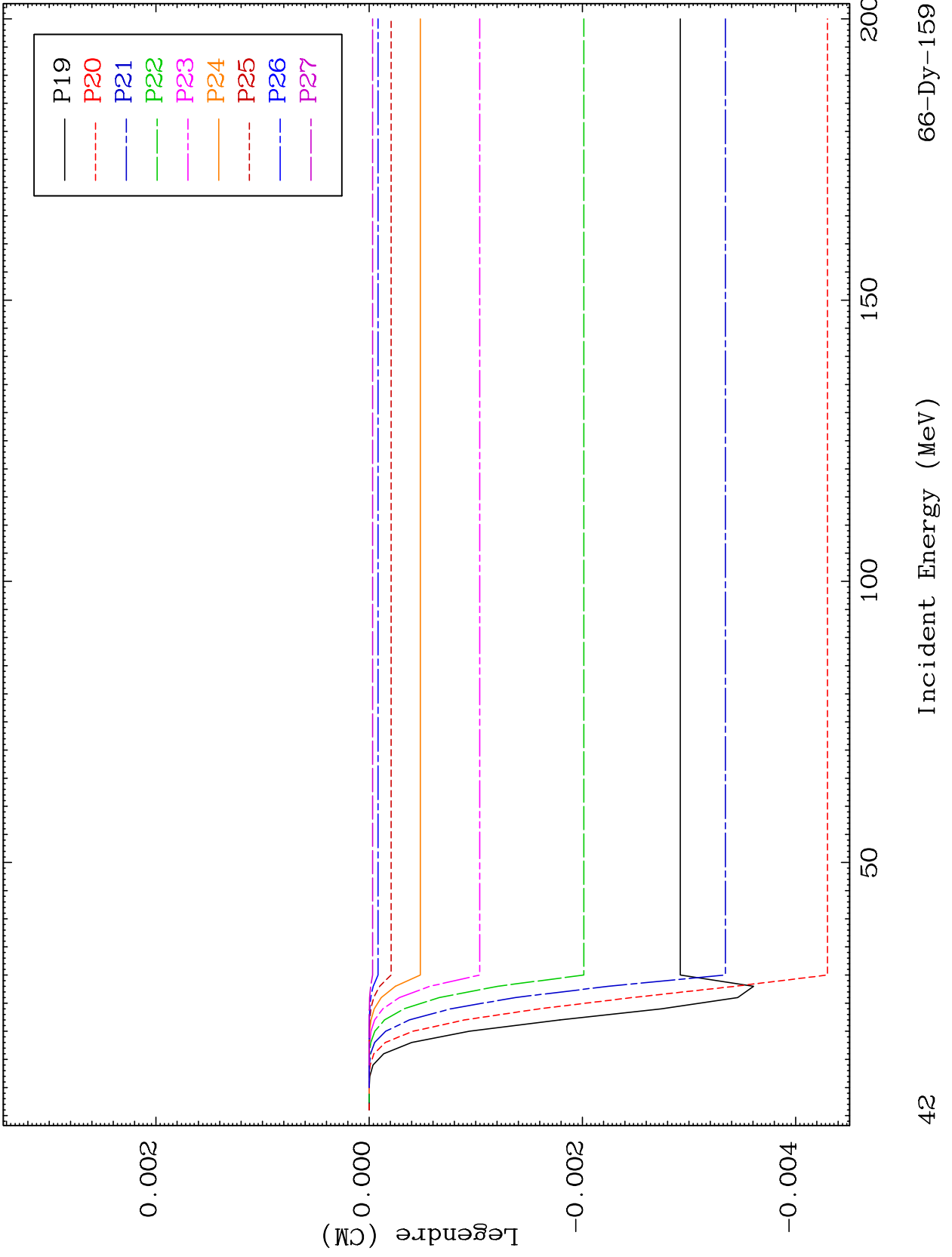
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MAT 6634

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

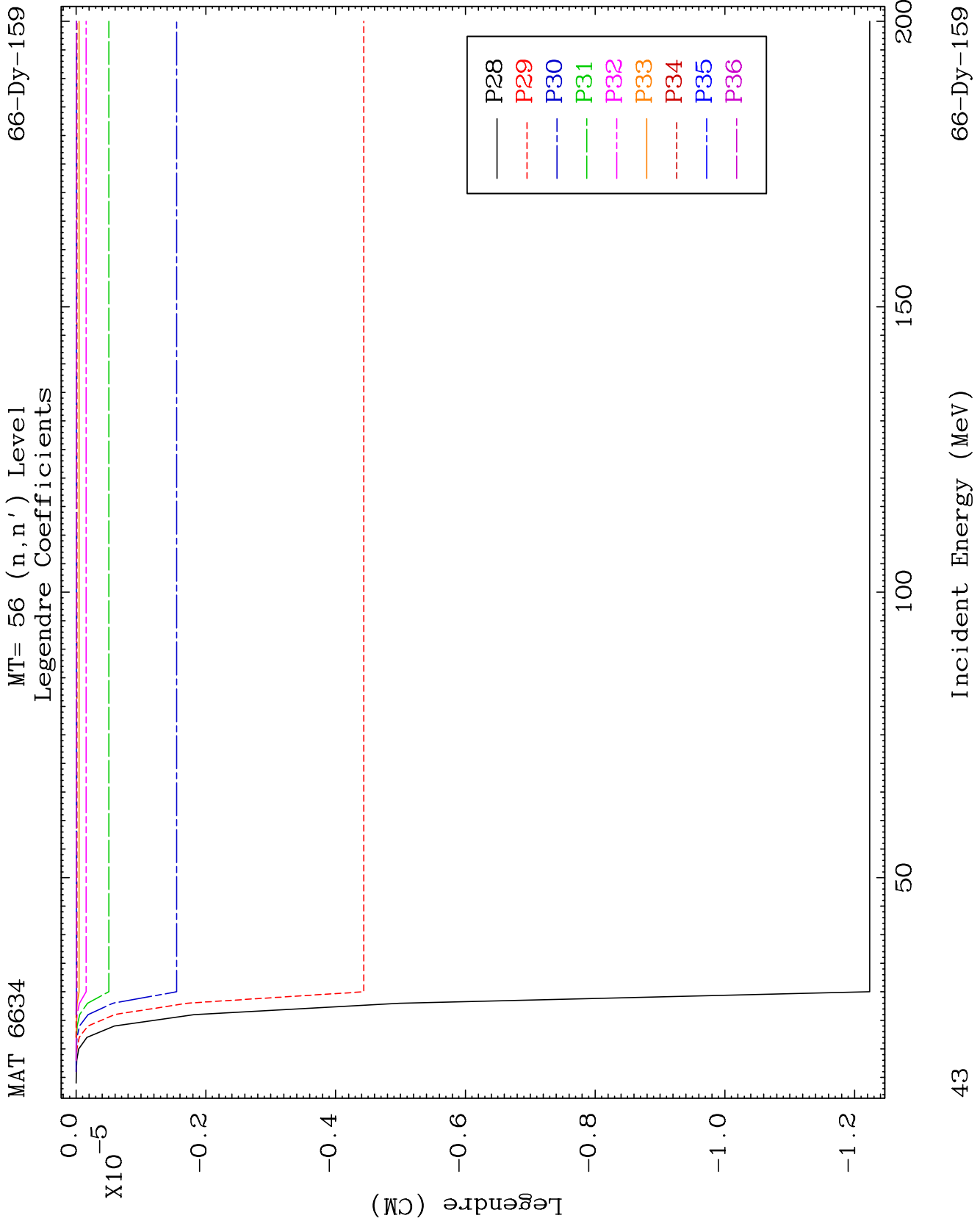
66-Dy-159



42

Incident Energy (MeV)

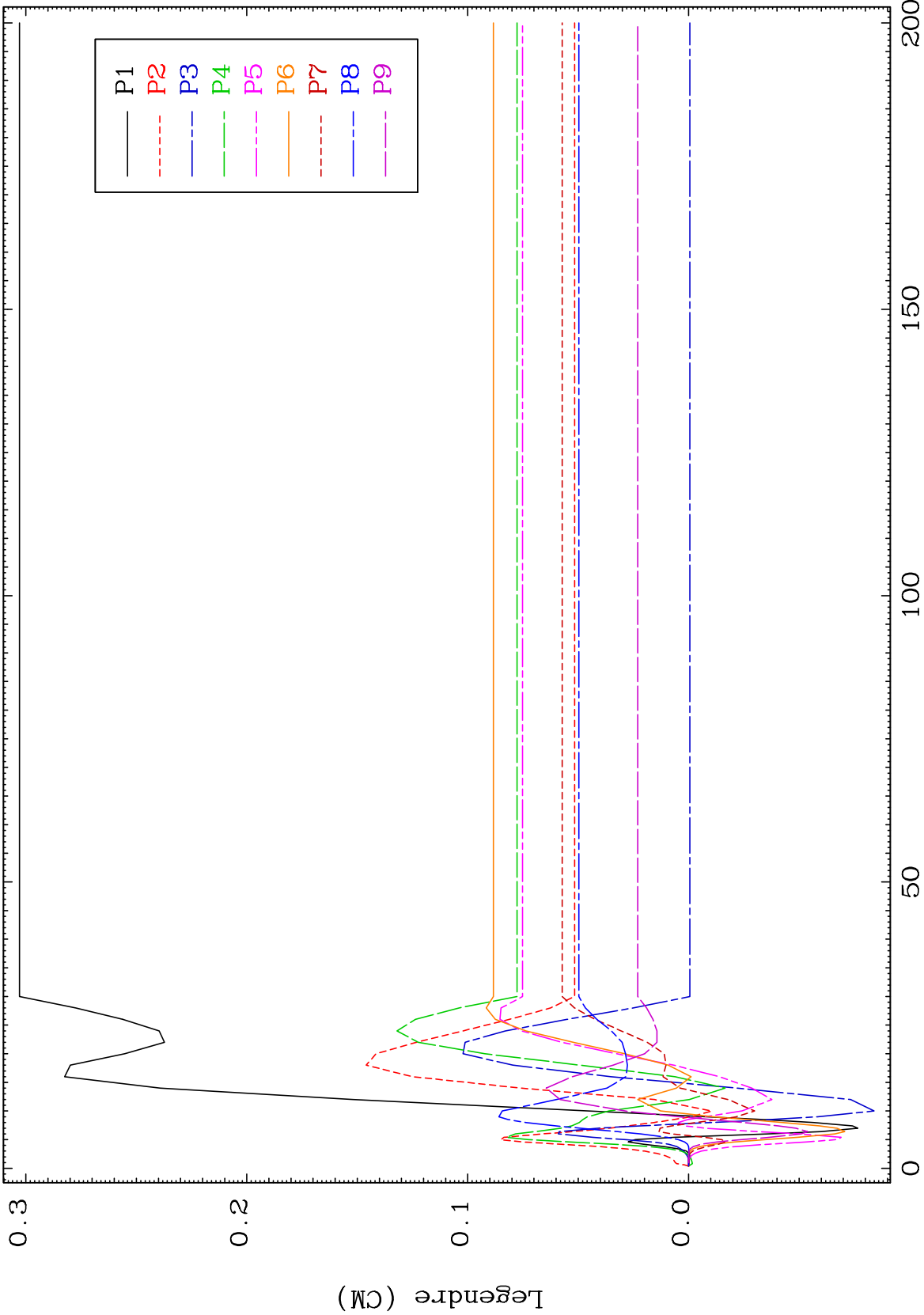
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MAT 6634

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

66-Dy-159



44

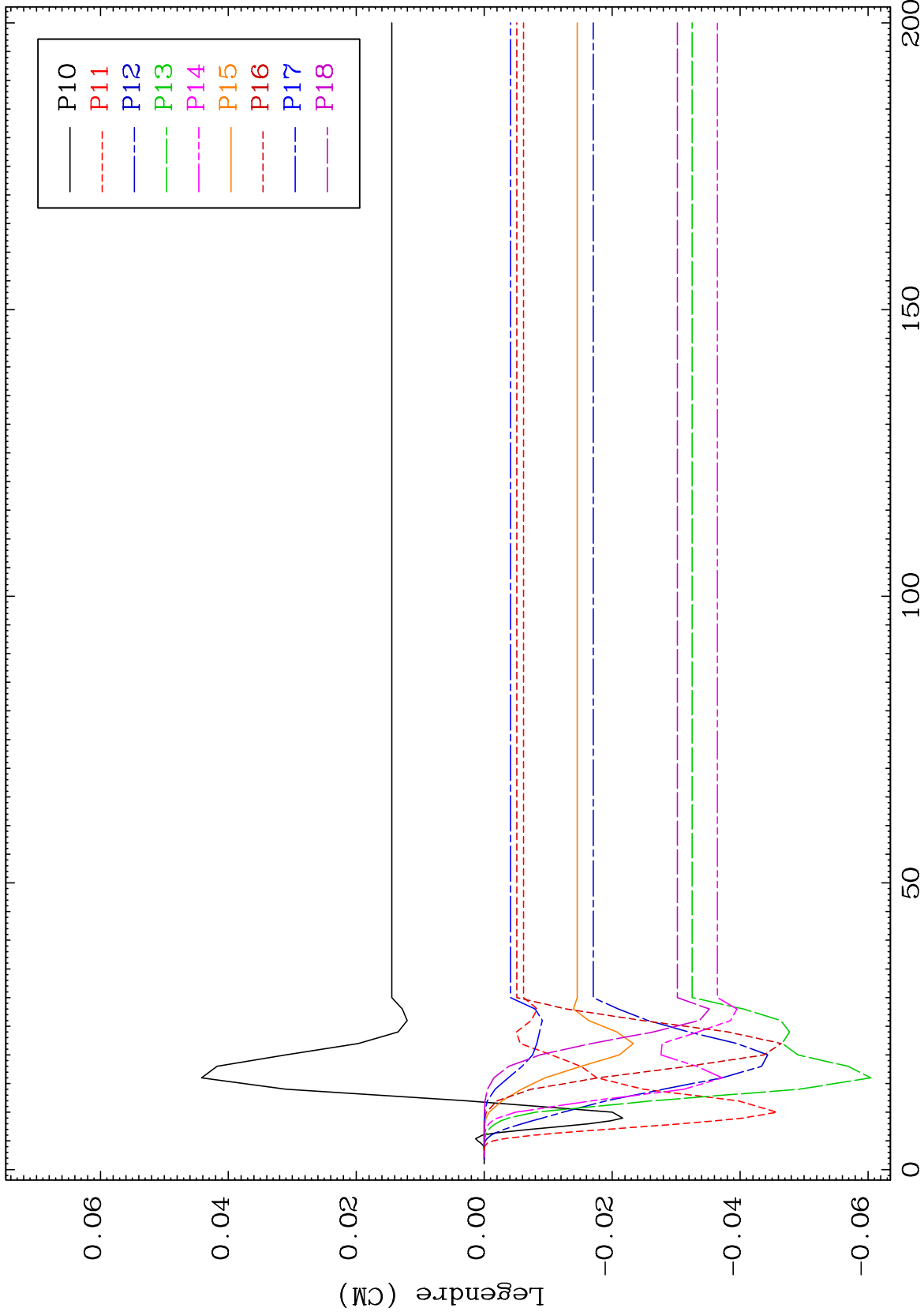
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



66-Dy-159

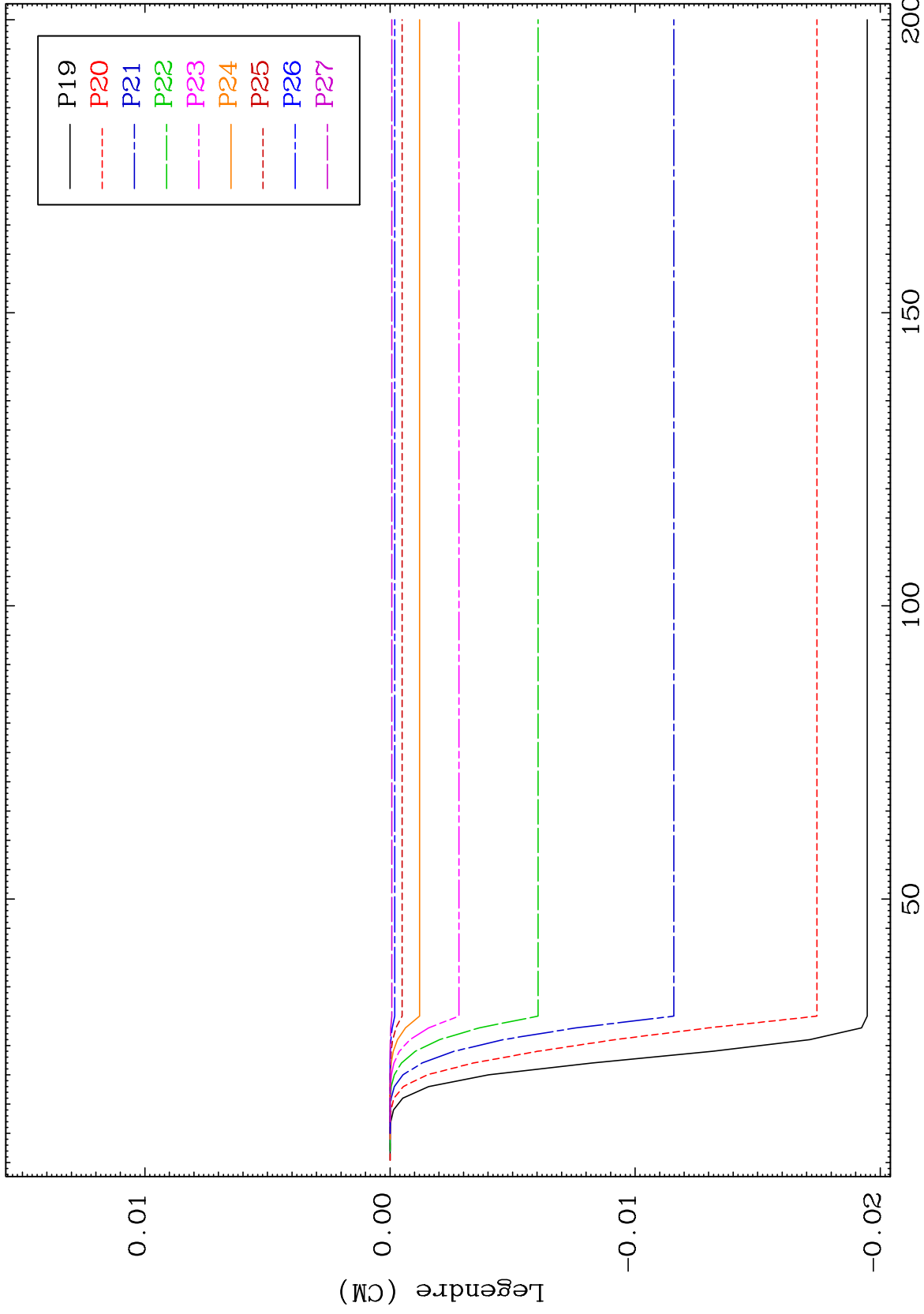
Incident Energy (MeV)

45

MAT 6634

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

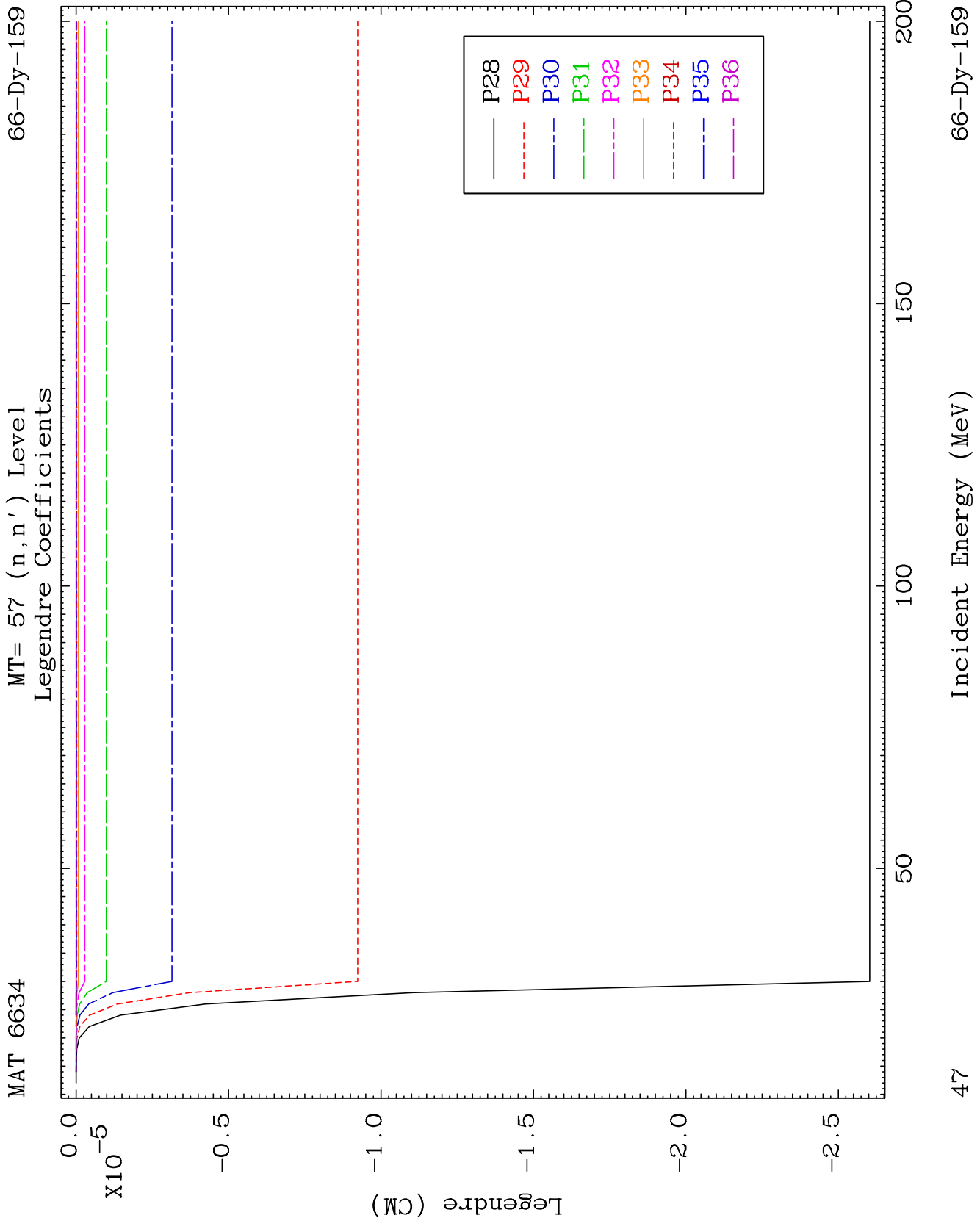
66-Dy-159



46

Incident Energy (MeV)

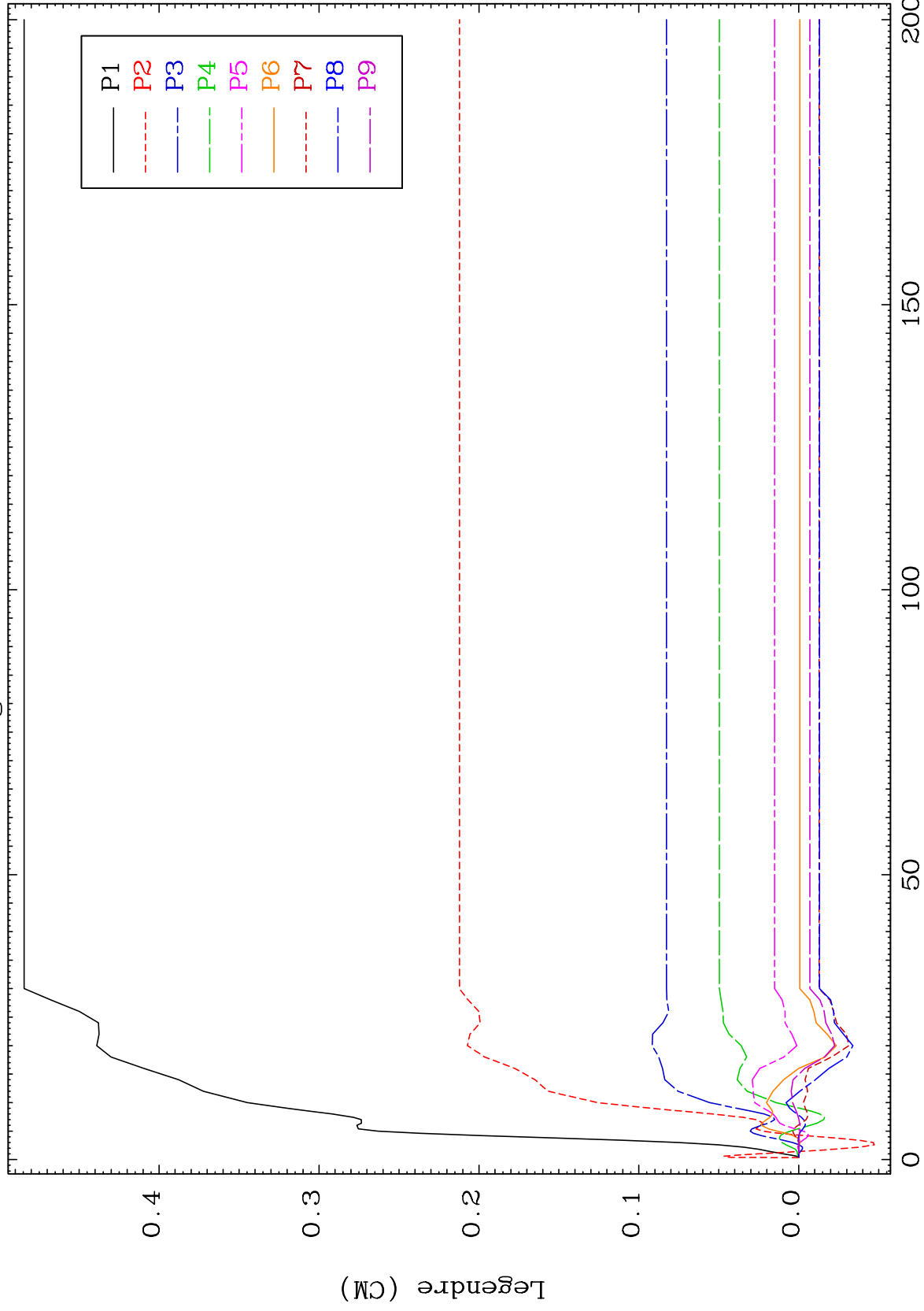
66-Dy-159



MAT 6634

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

66-Dy-159



48

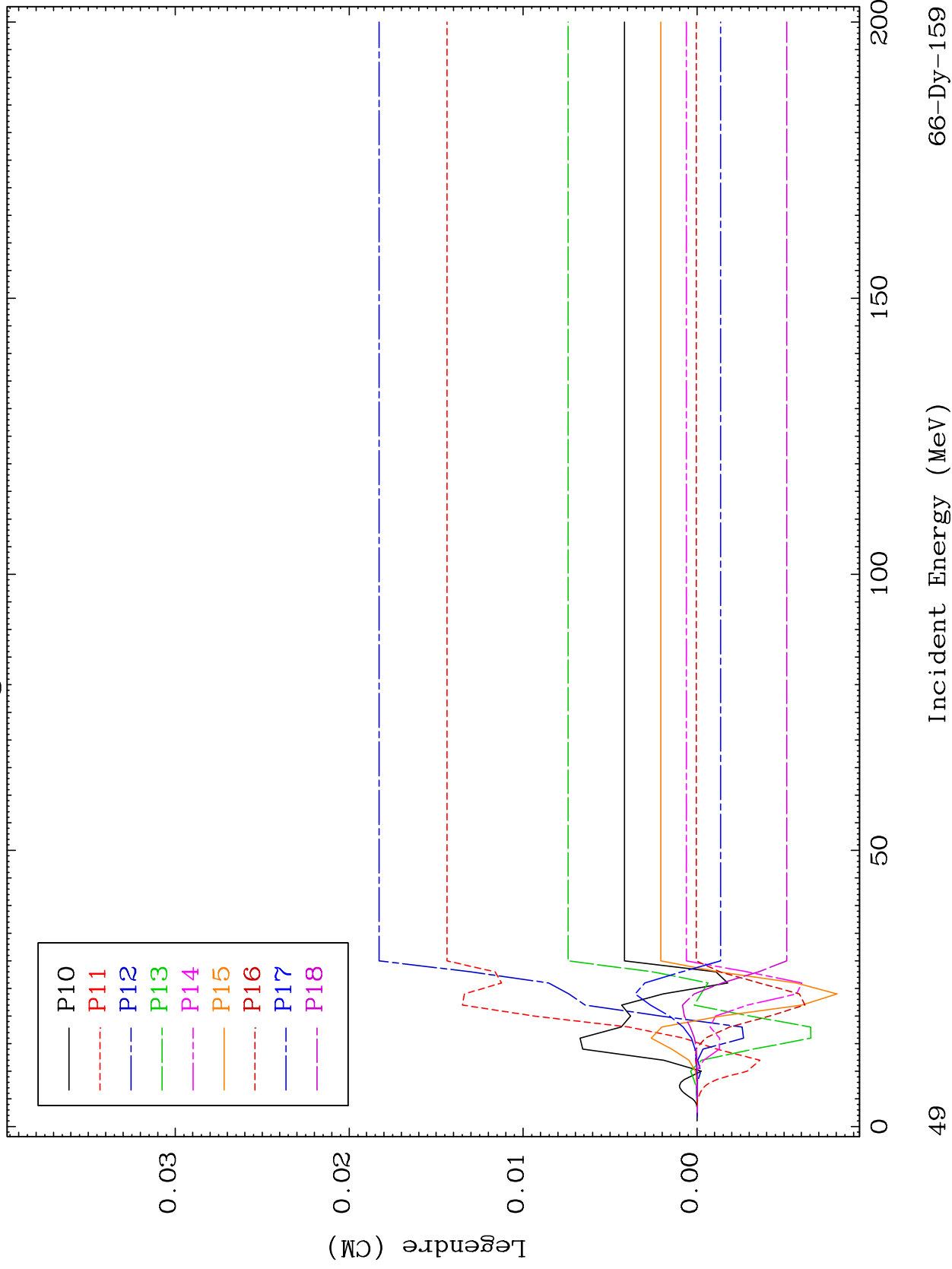
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



49

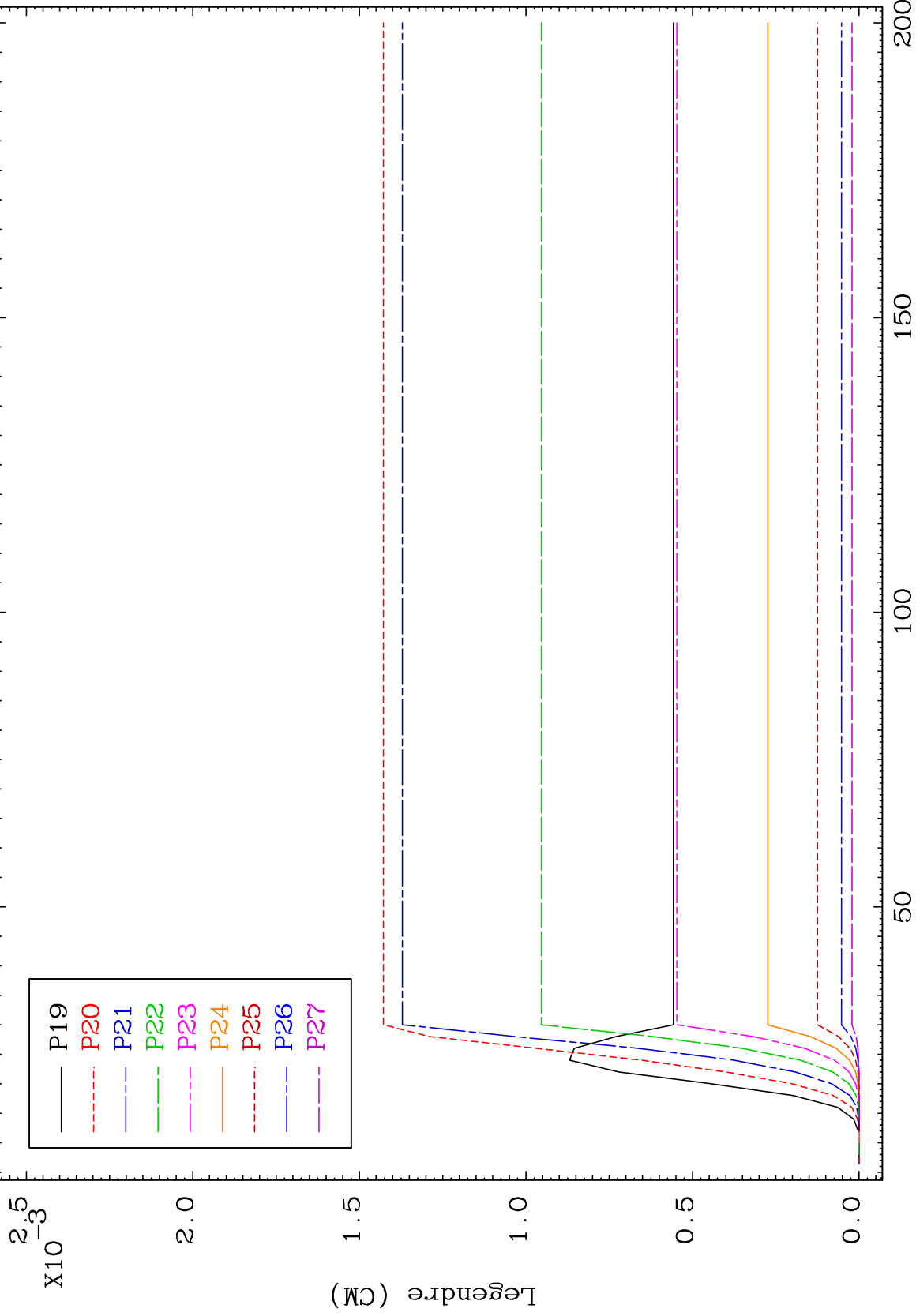
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



50

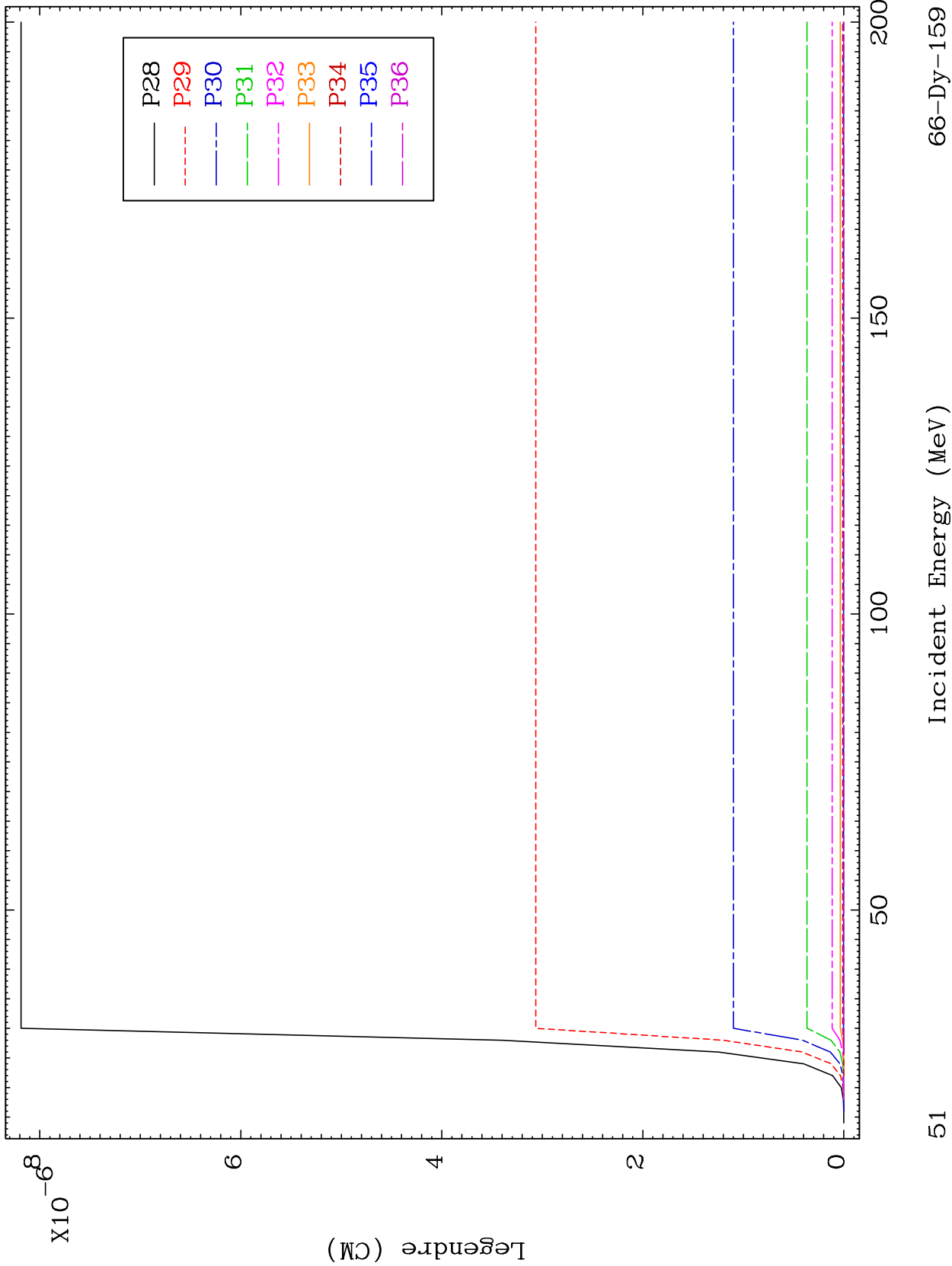
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



51

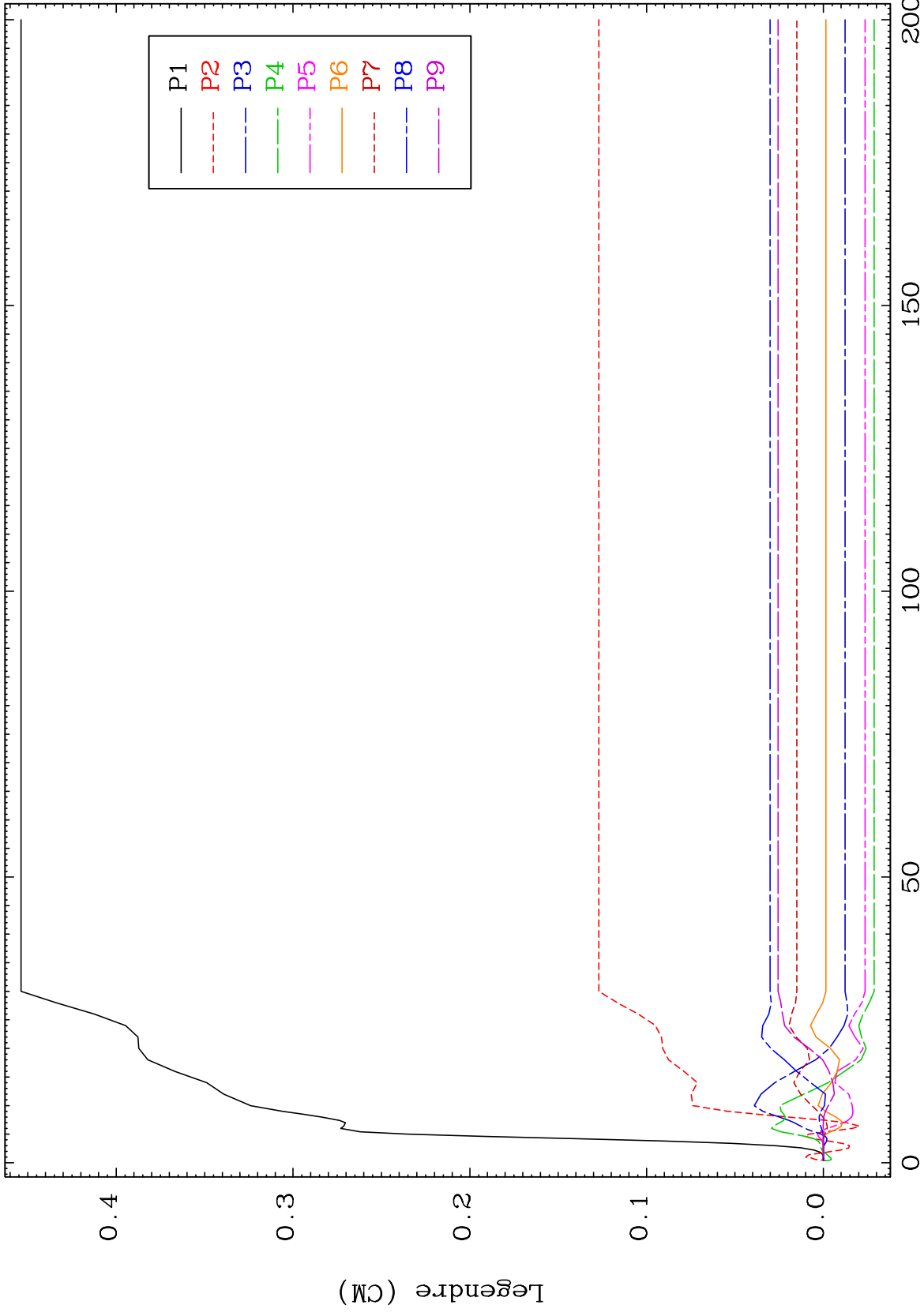
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



52

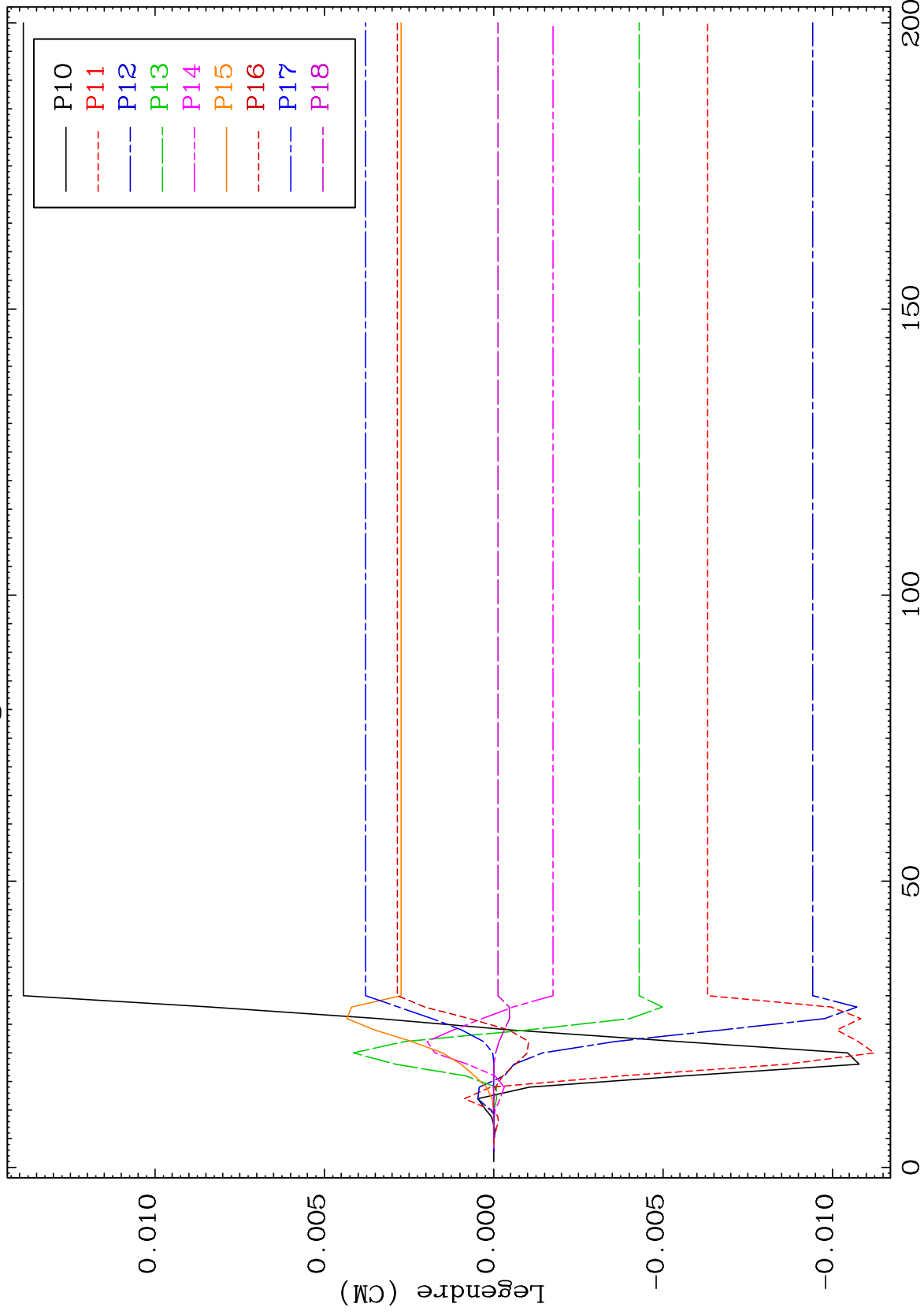
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



53

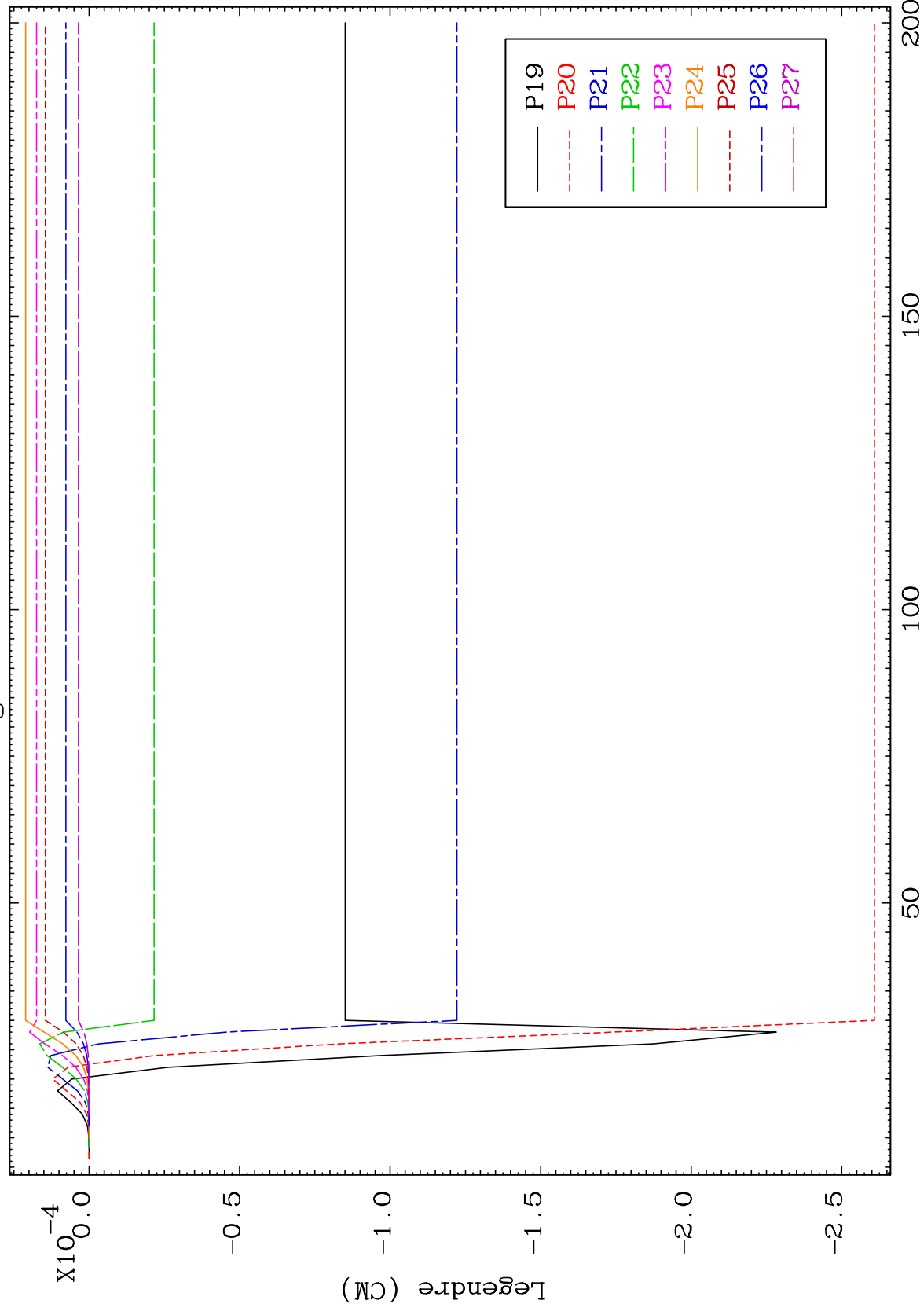
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



54

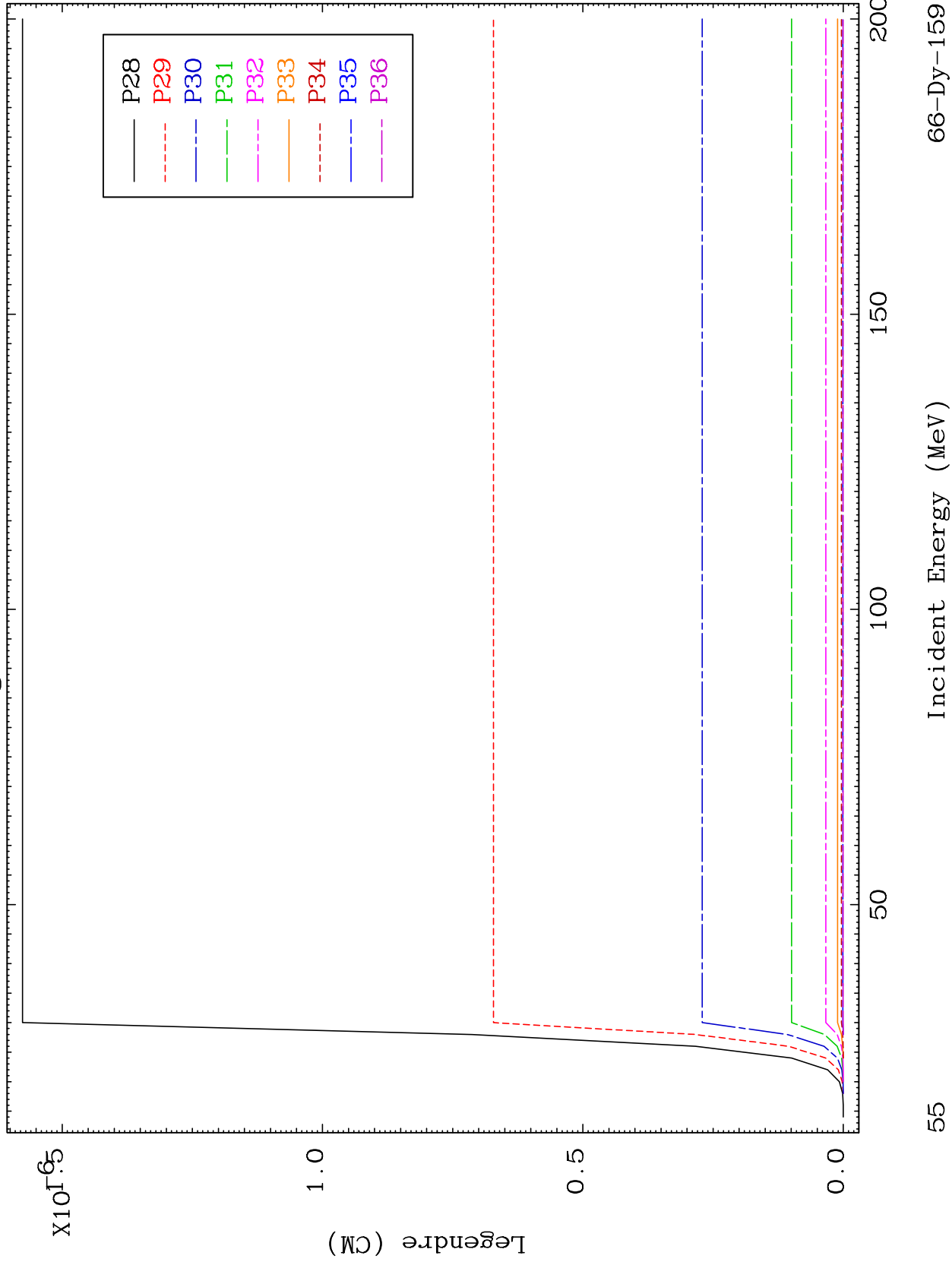
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



55

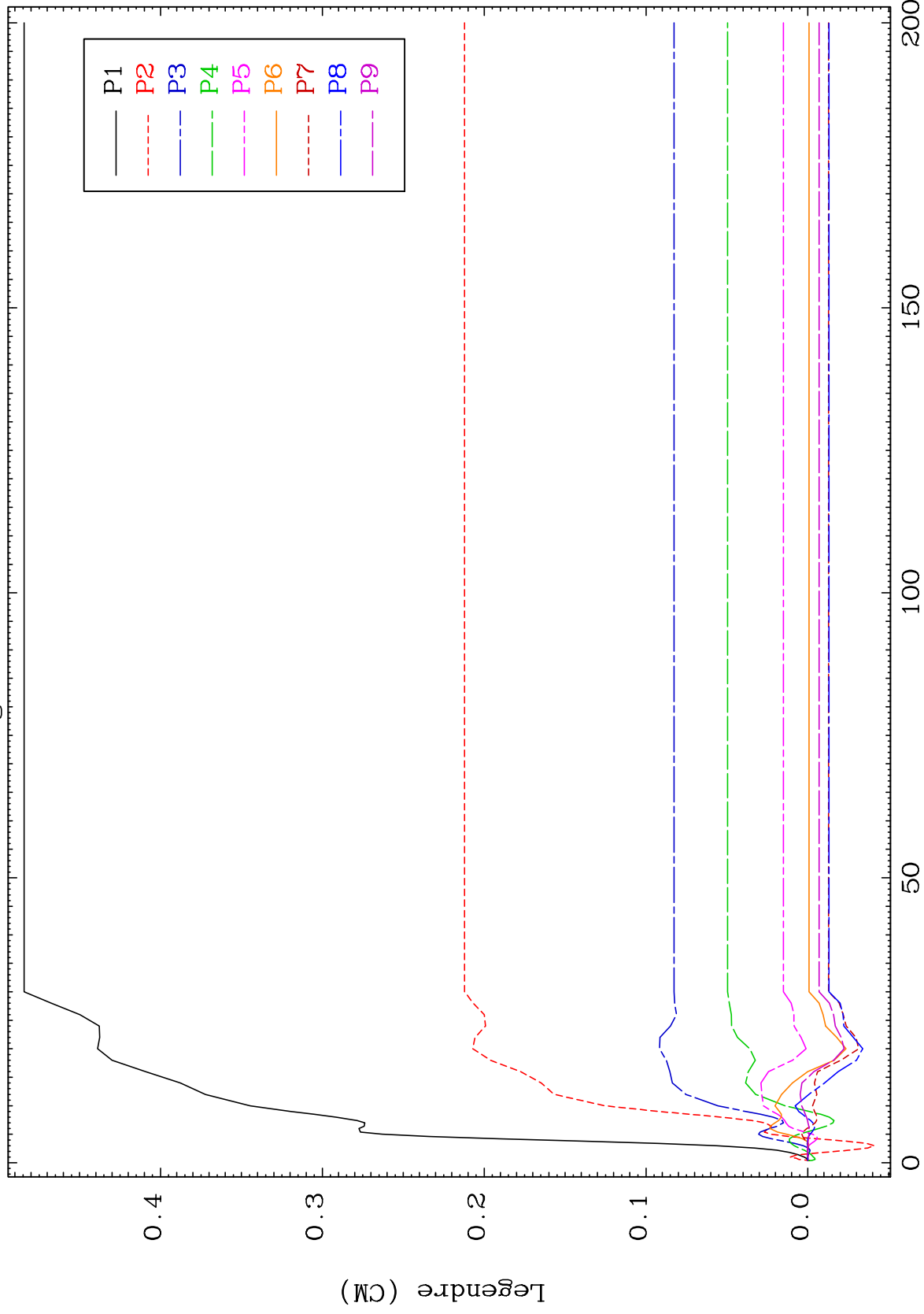
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



56

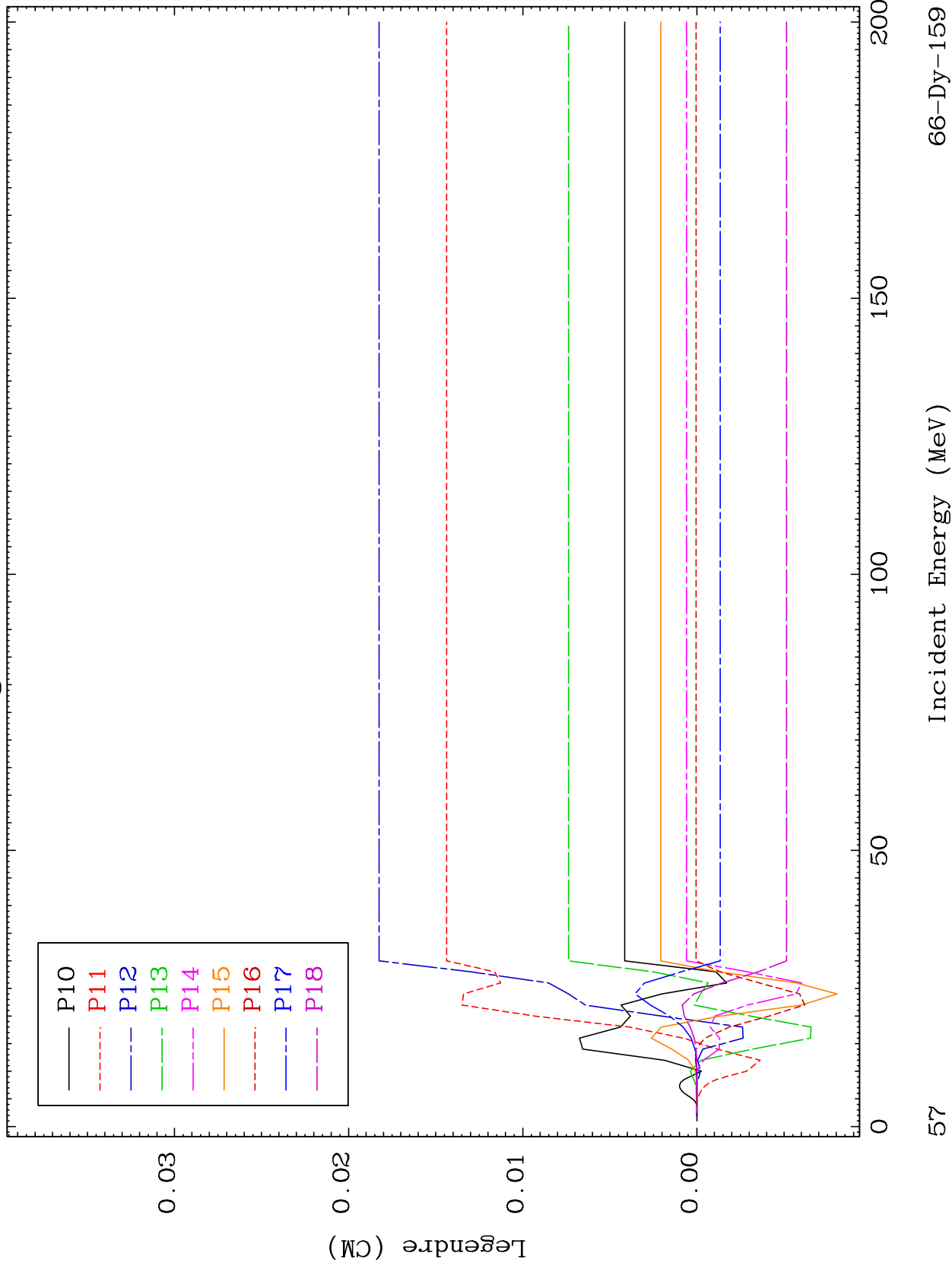
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

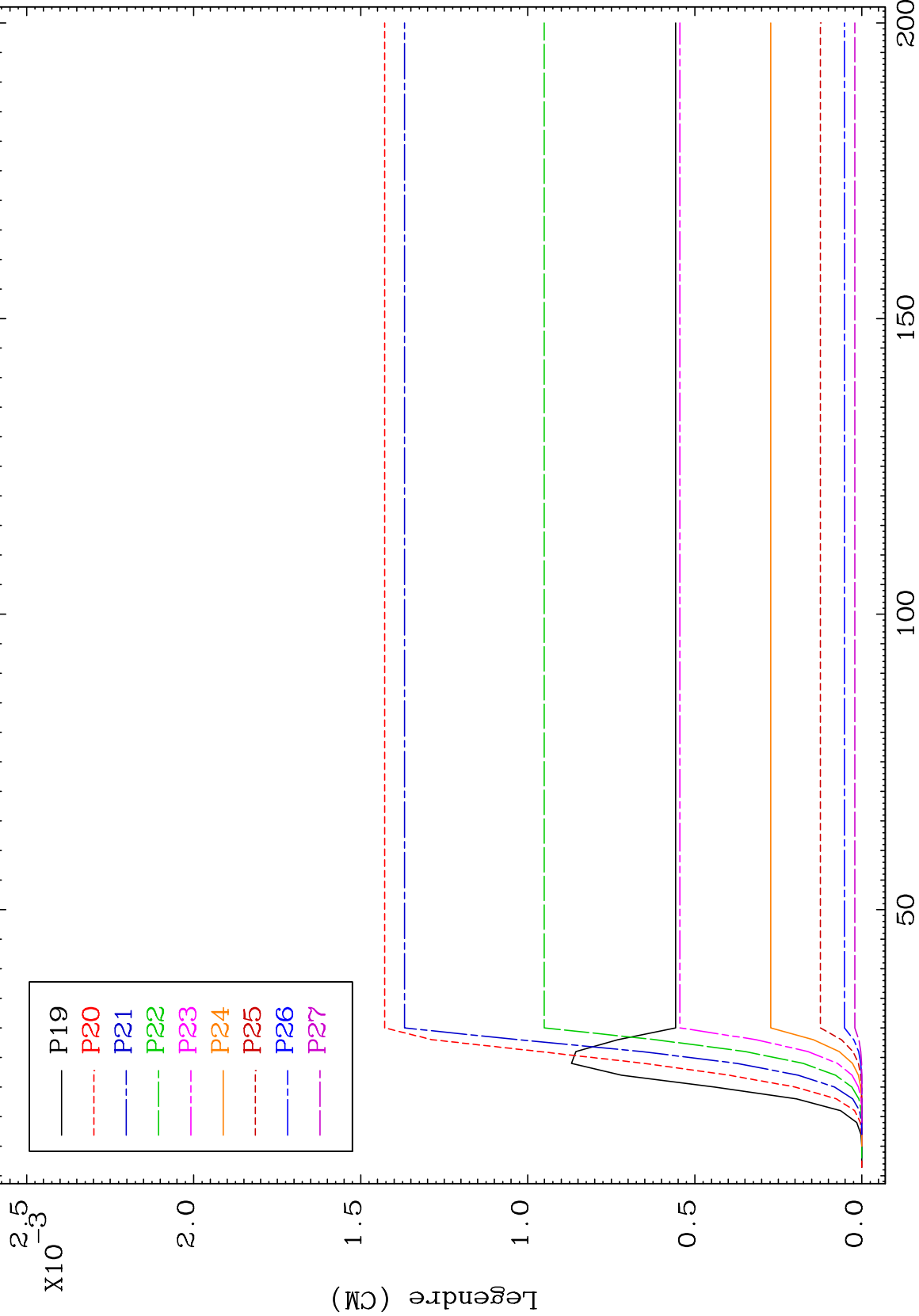
66-Dy-159



57

Incident Energy (MeV)

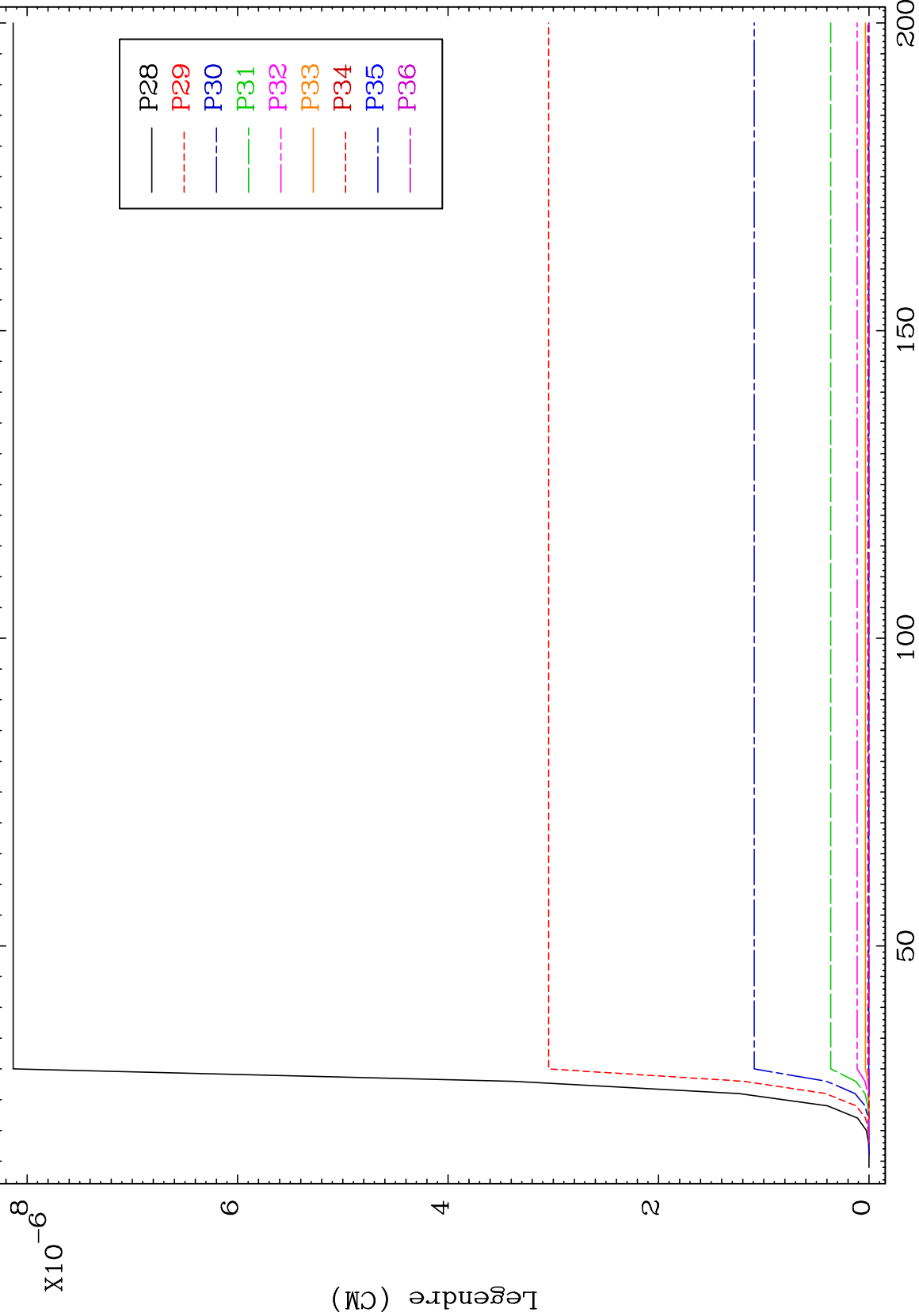
66-Dy-159



MAT 6634

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

66-Dy-159



59

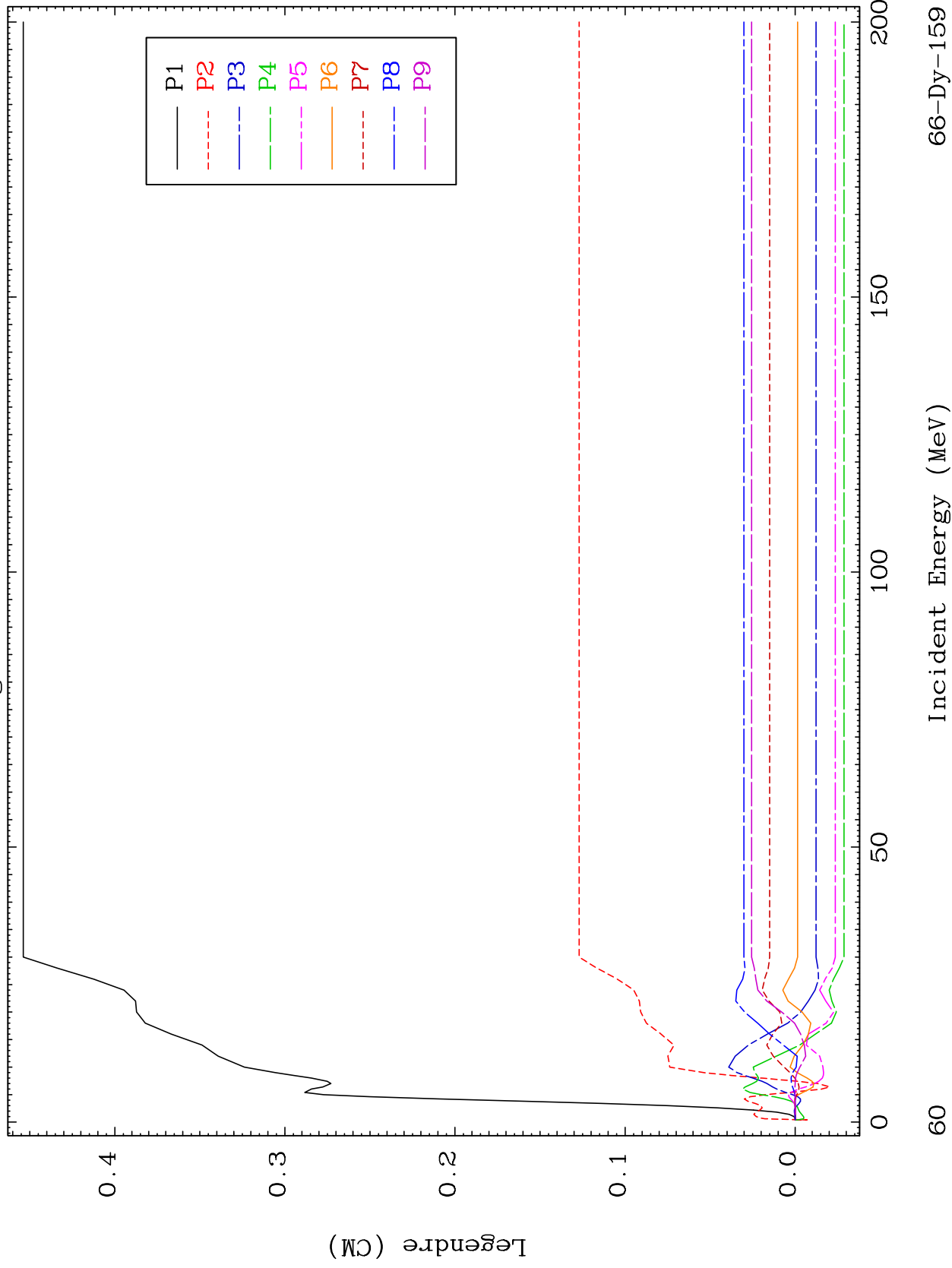
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



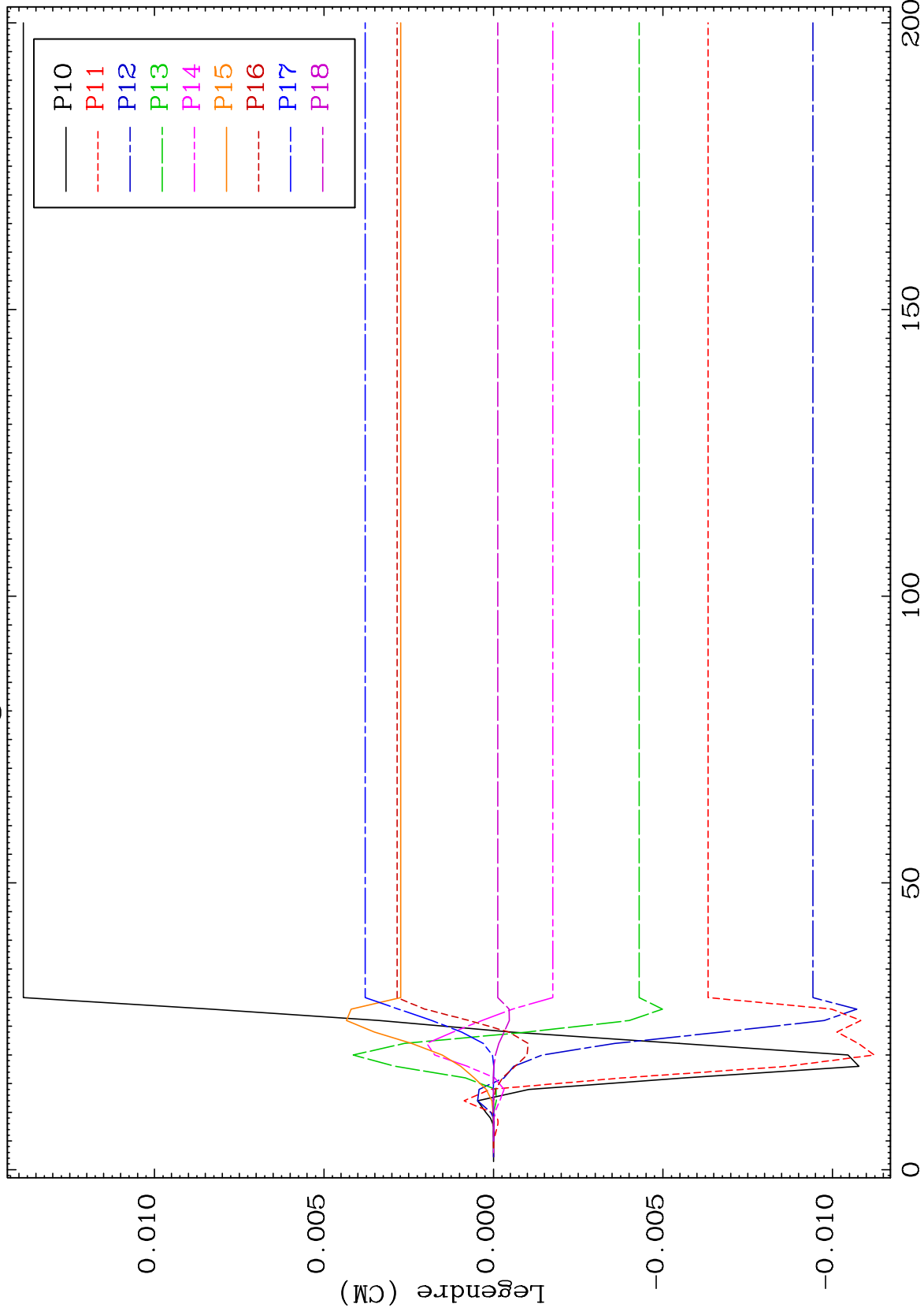
66-Dy-159

Incident Energy (MeV)

MAT 6634

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

66-Dy-159



61

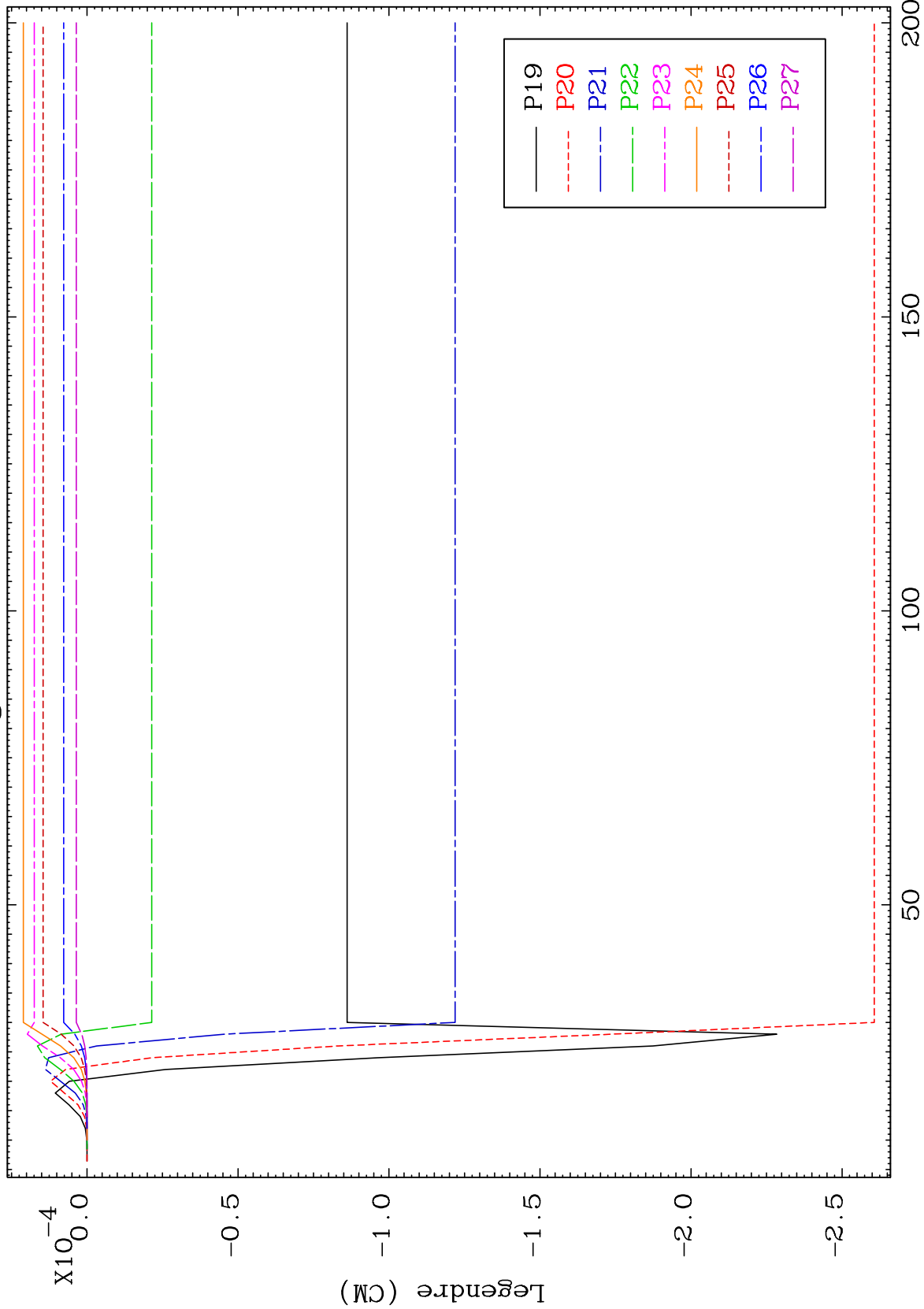
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



62

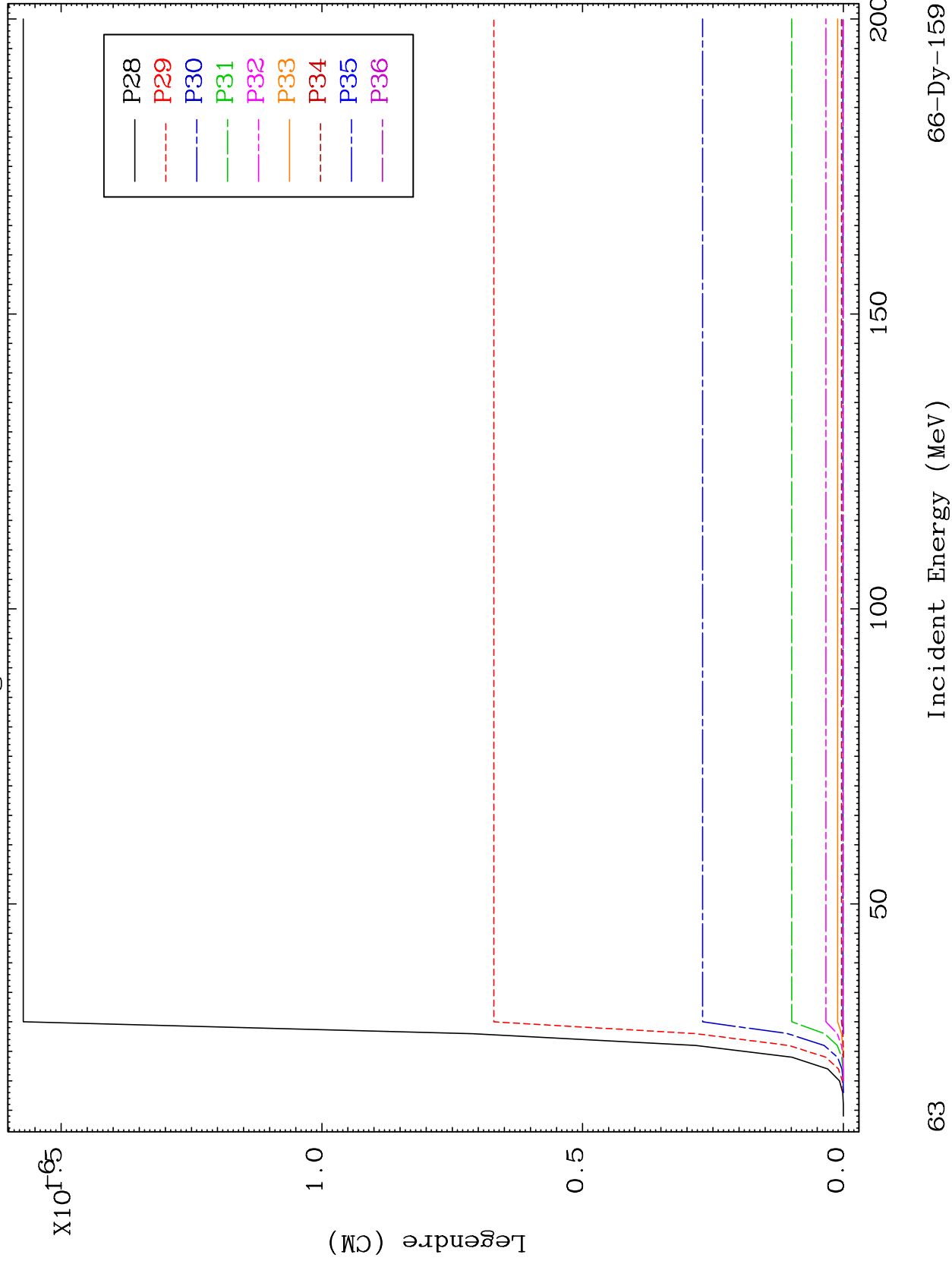
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



63

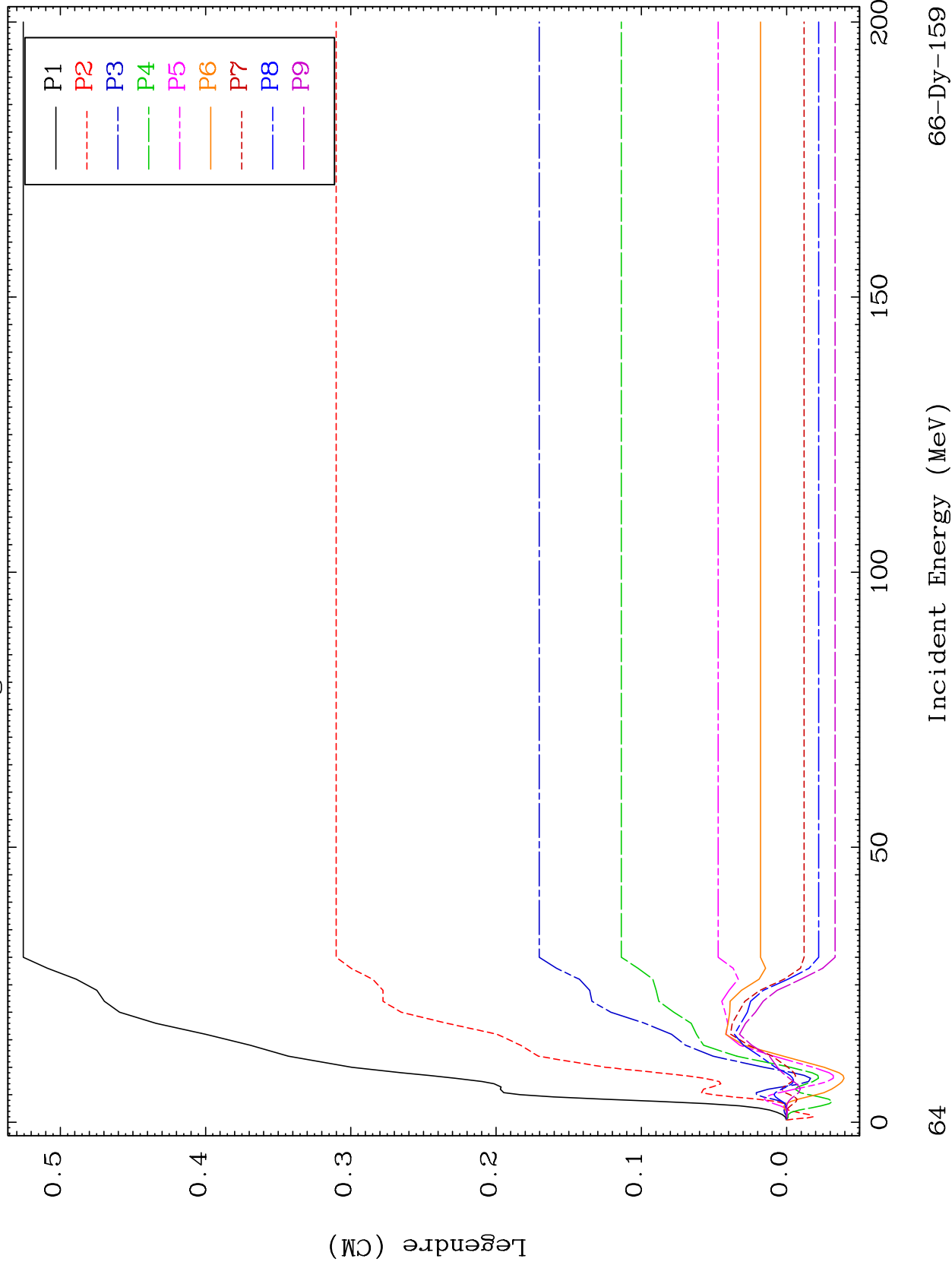
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



64

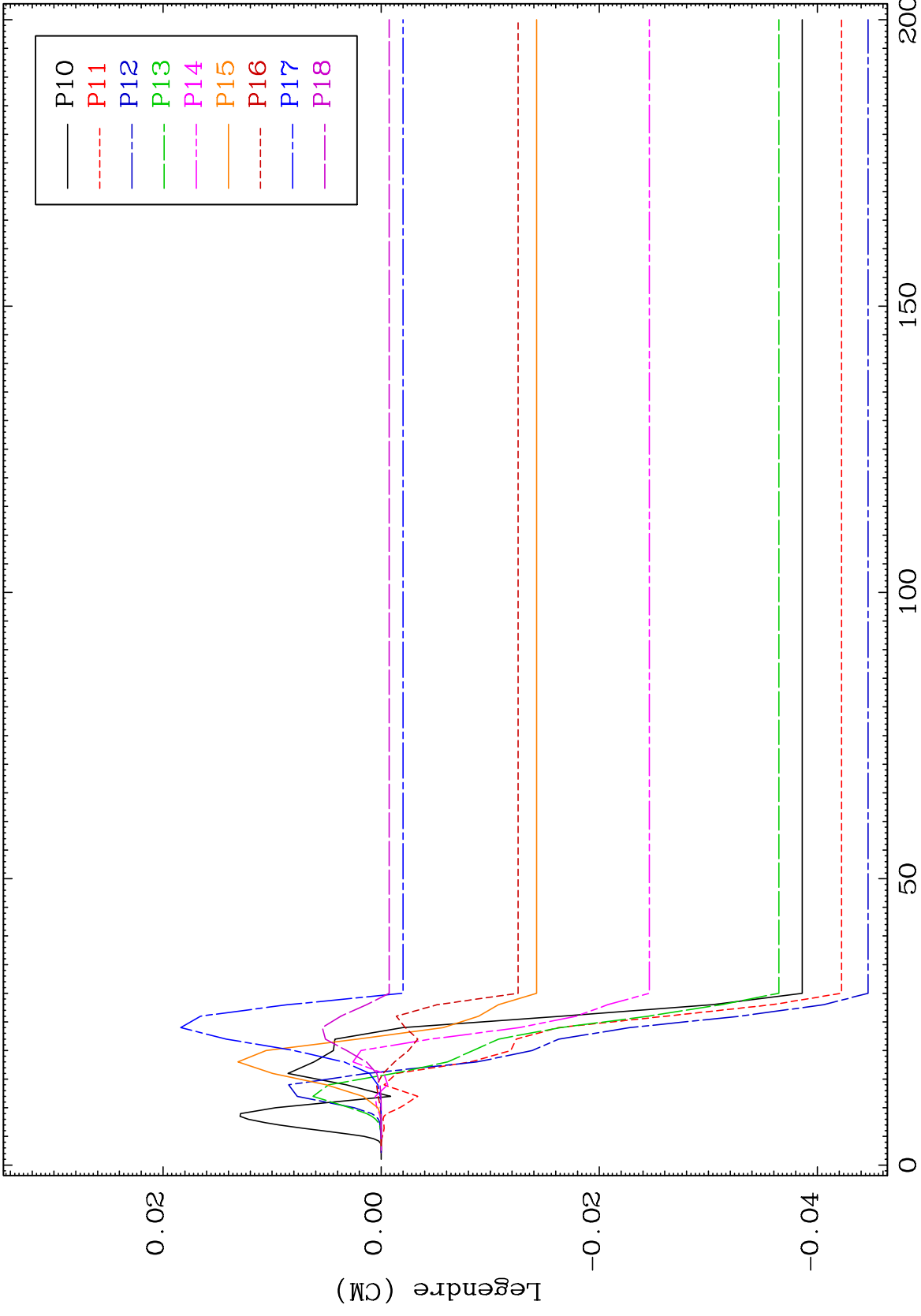
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



65

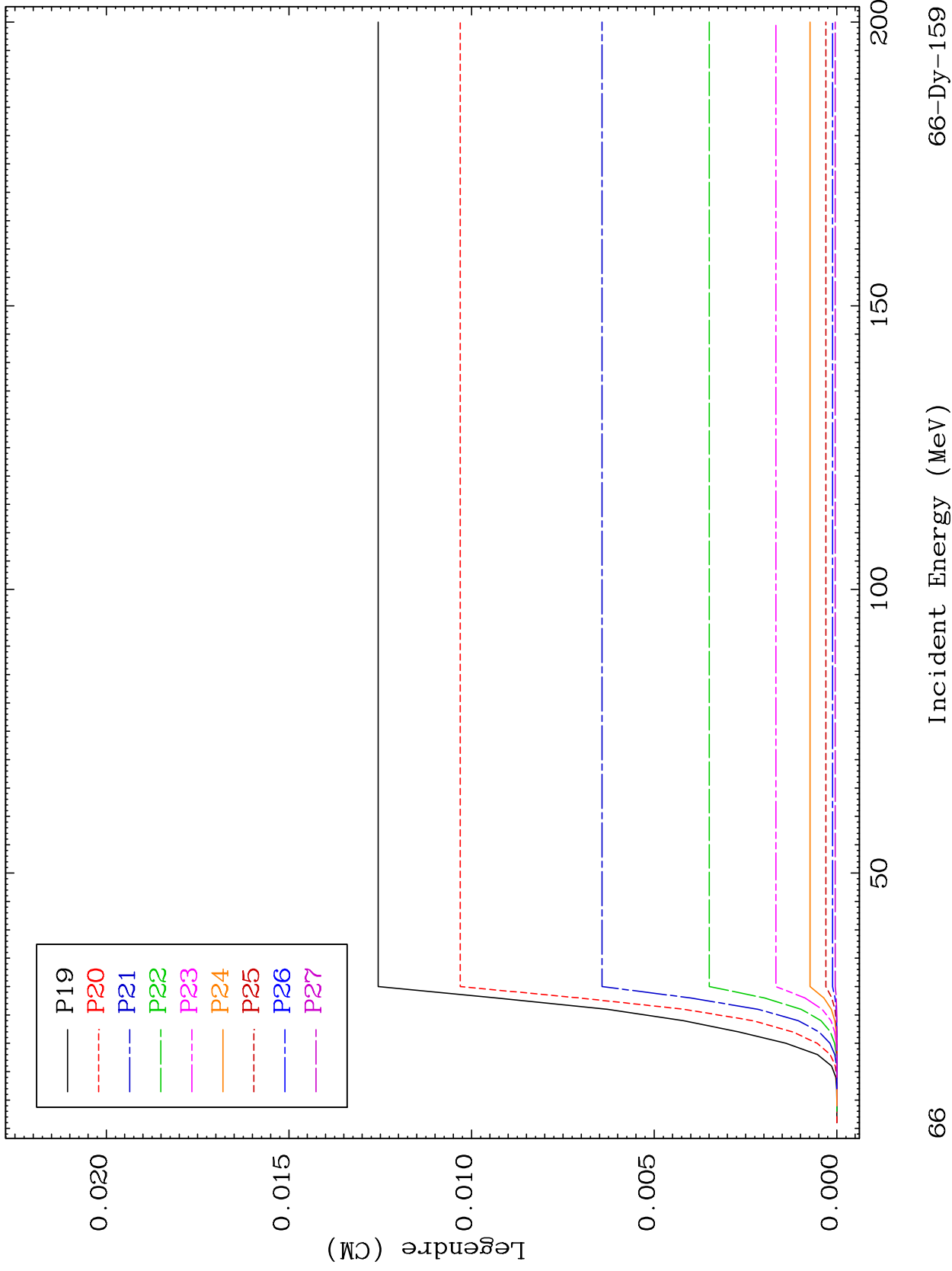
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



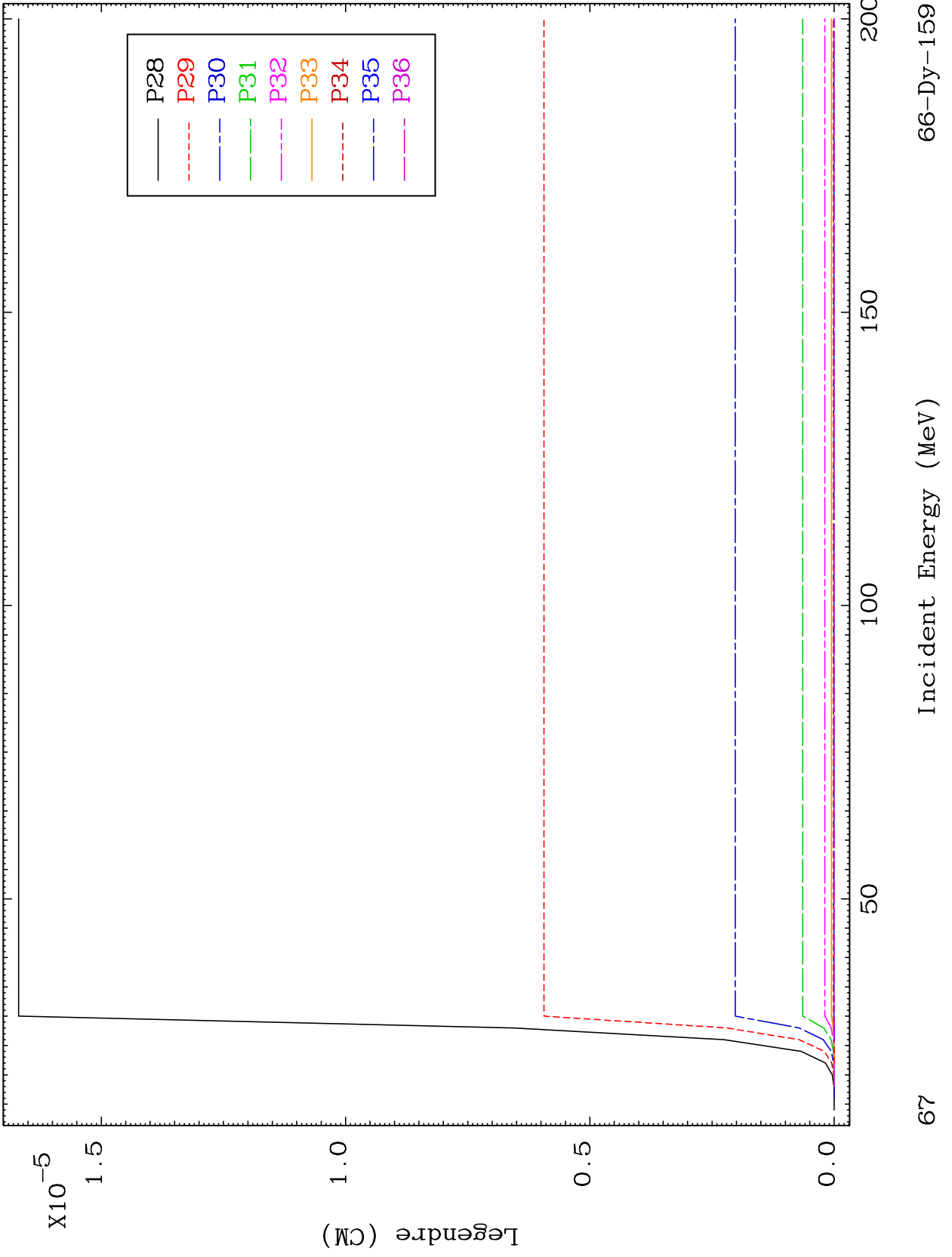
66

66-Dy-159

MAT 6634

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

66-Dy-159

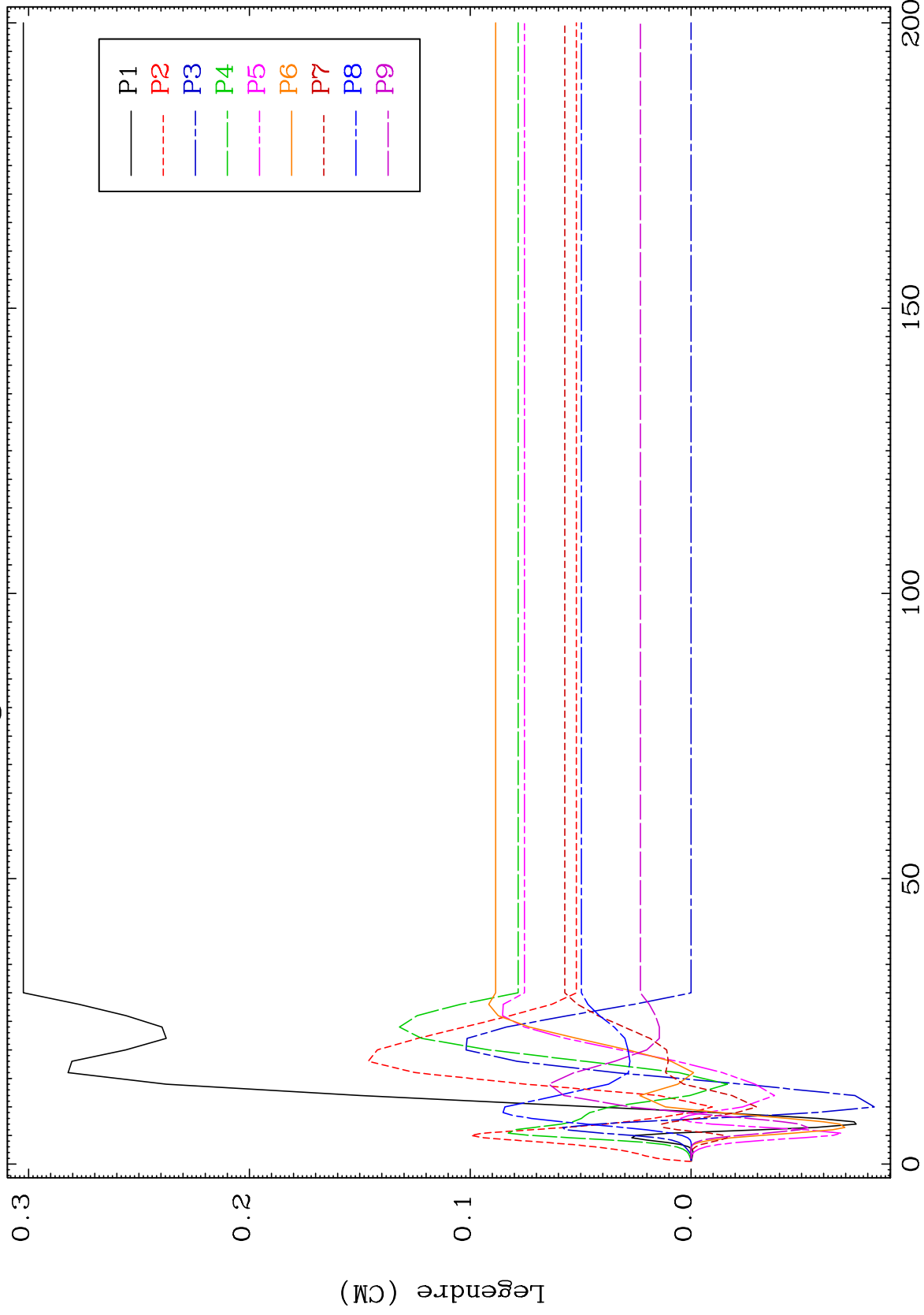


MAT 6634

MT= 63 (n,n') Level

66-Dy-159

Legendre Coefficients



68

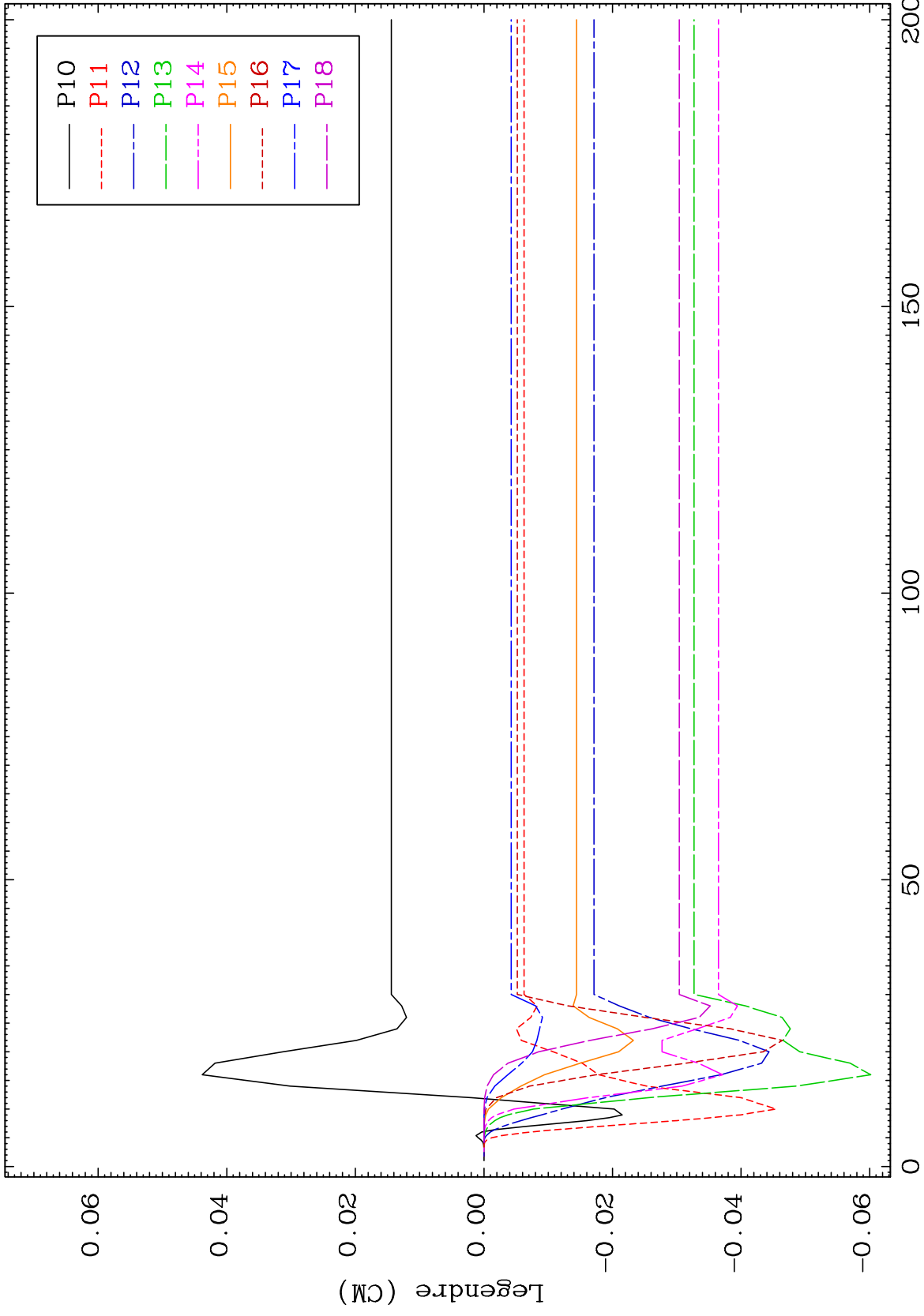
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



69

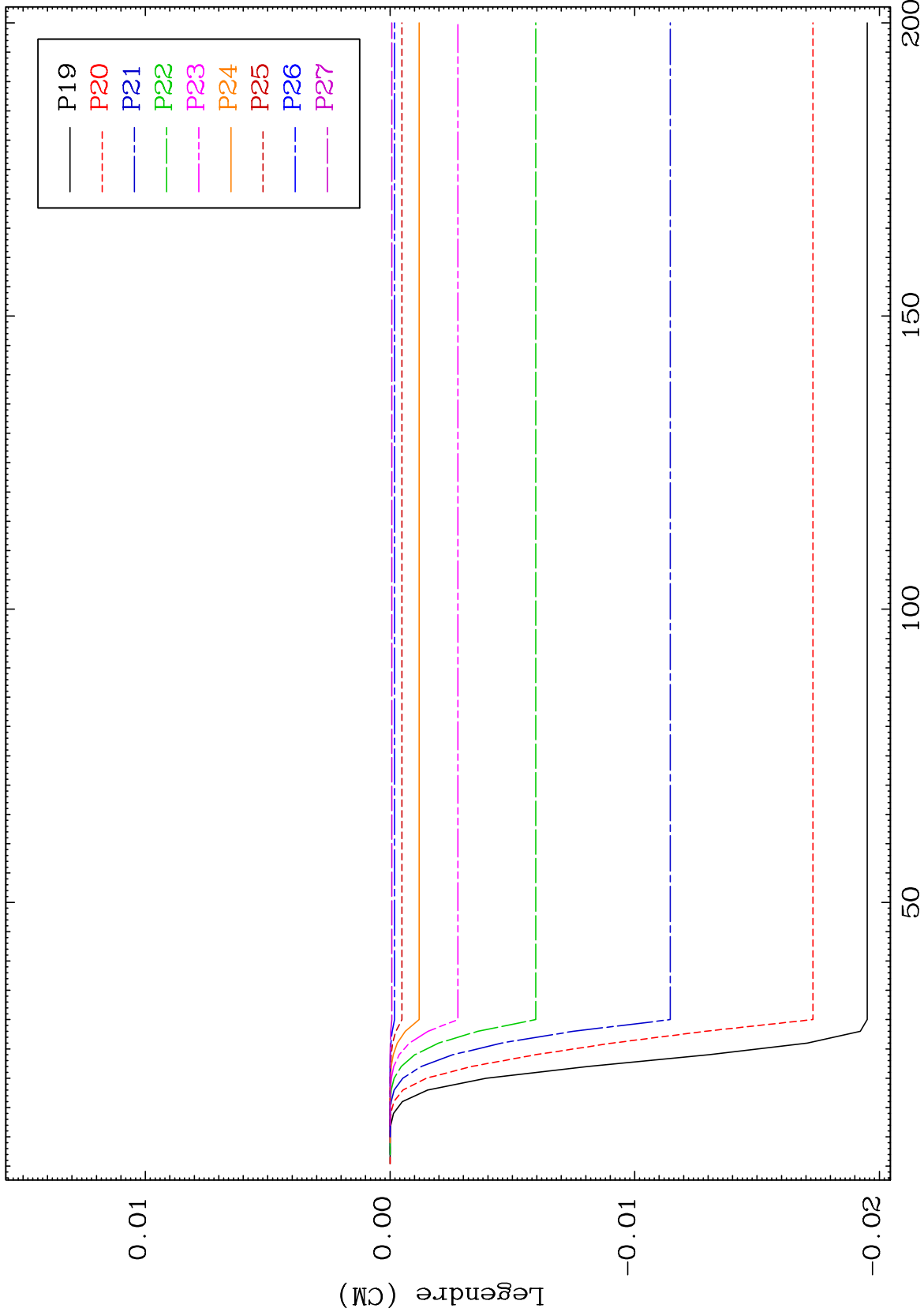
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159

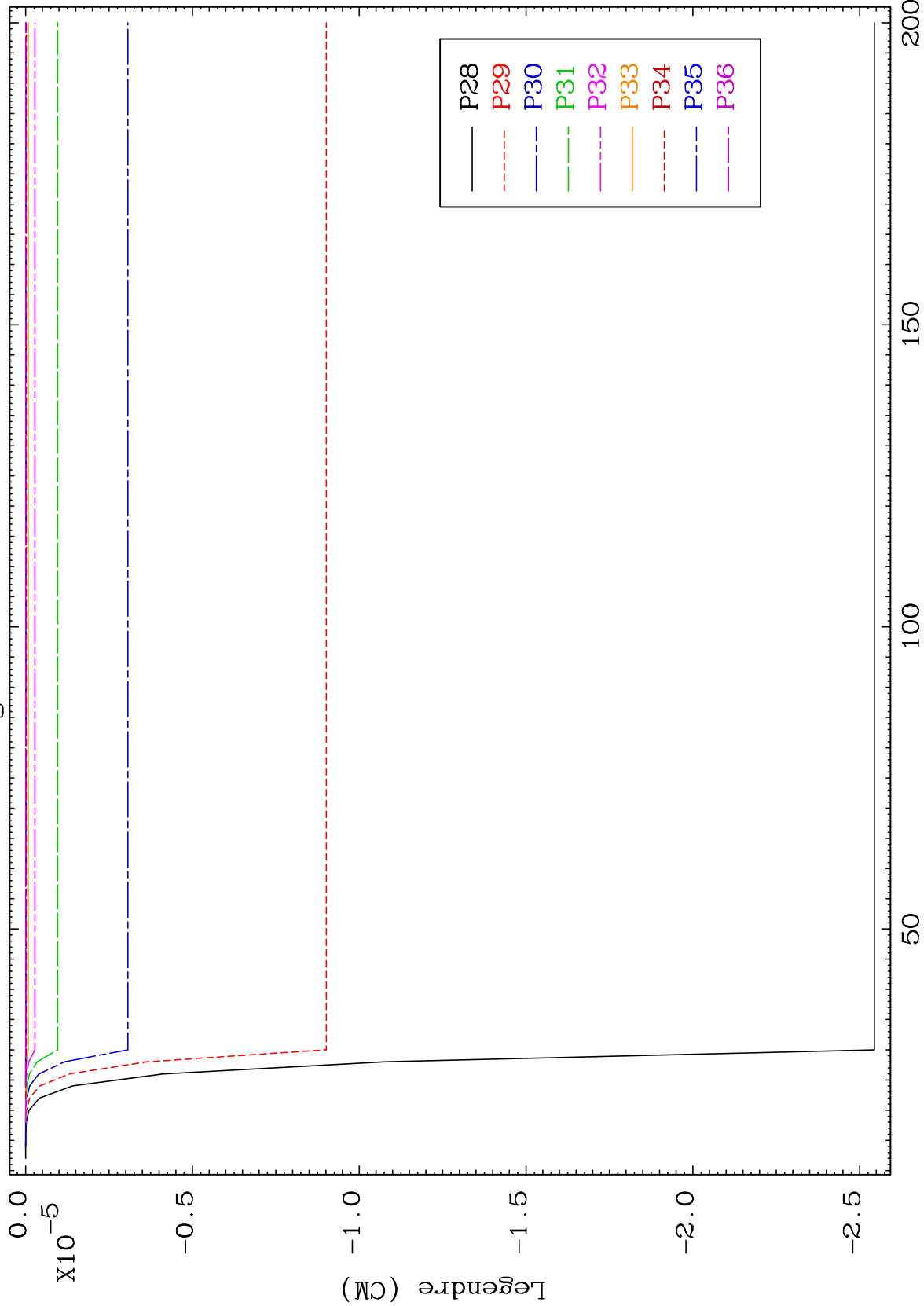


70

Incident Energy (MeV)

66-Dy-159

Legendre Coefficients

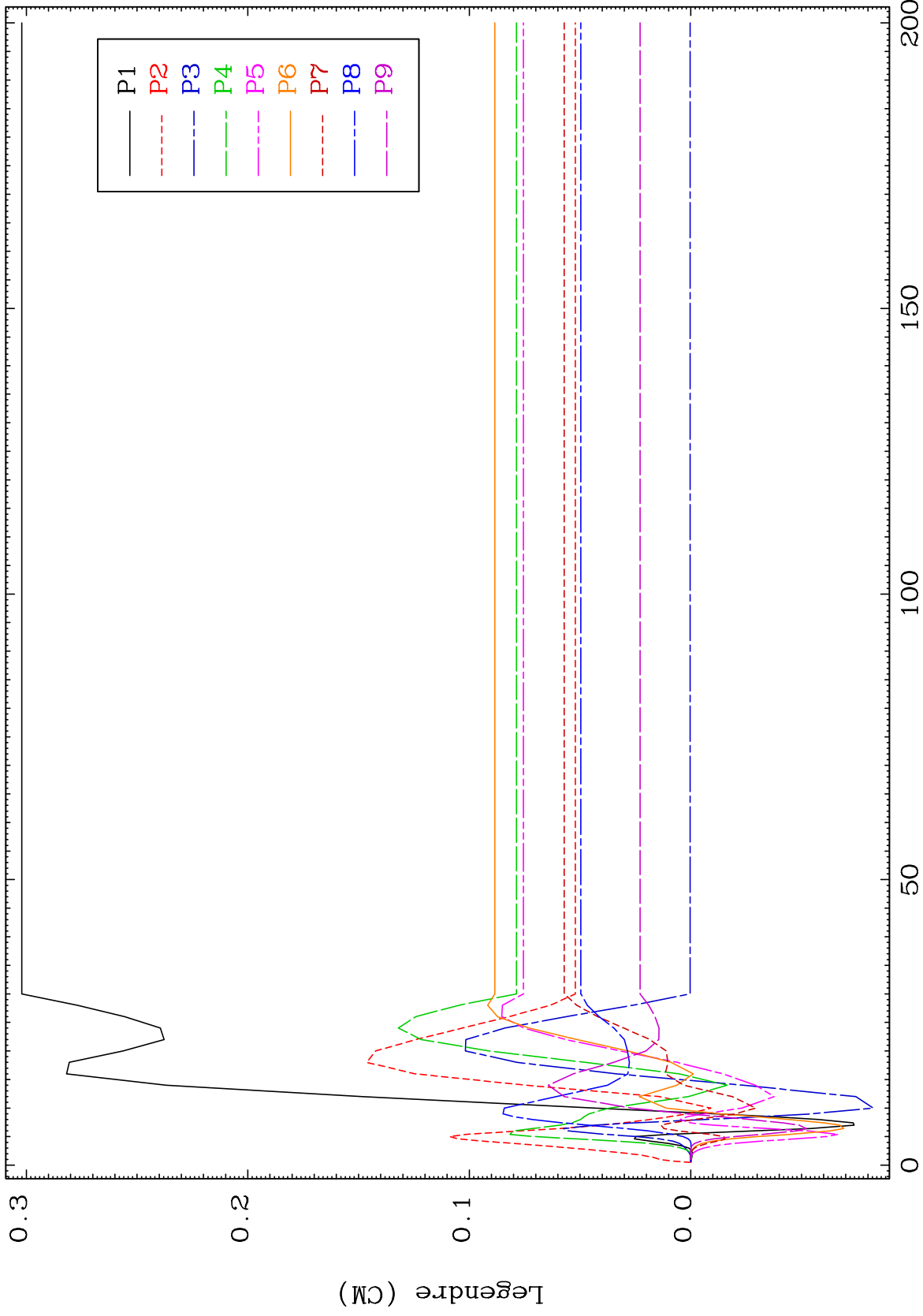


MAT 6634

MT= 64 (n,n') Level

66-Dy-159

Legendre Coefficients



72

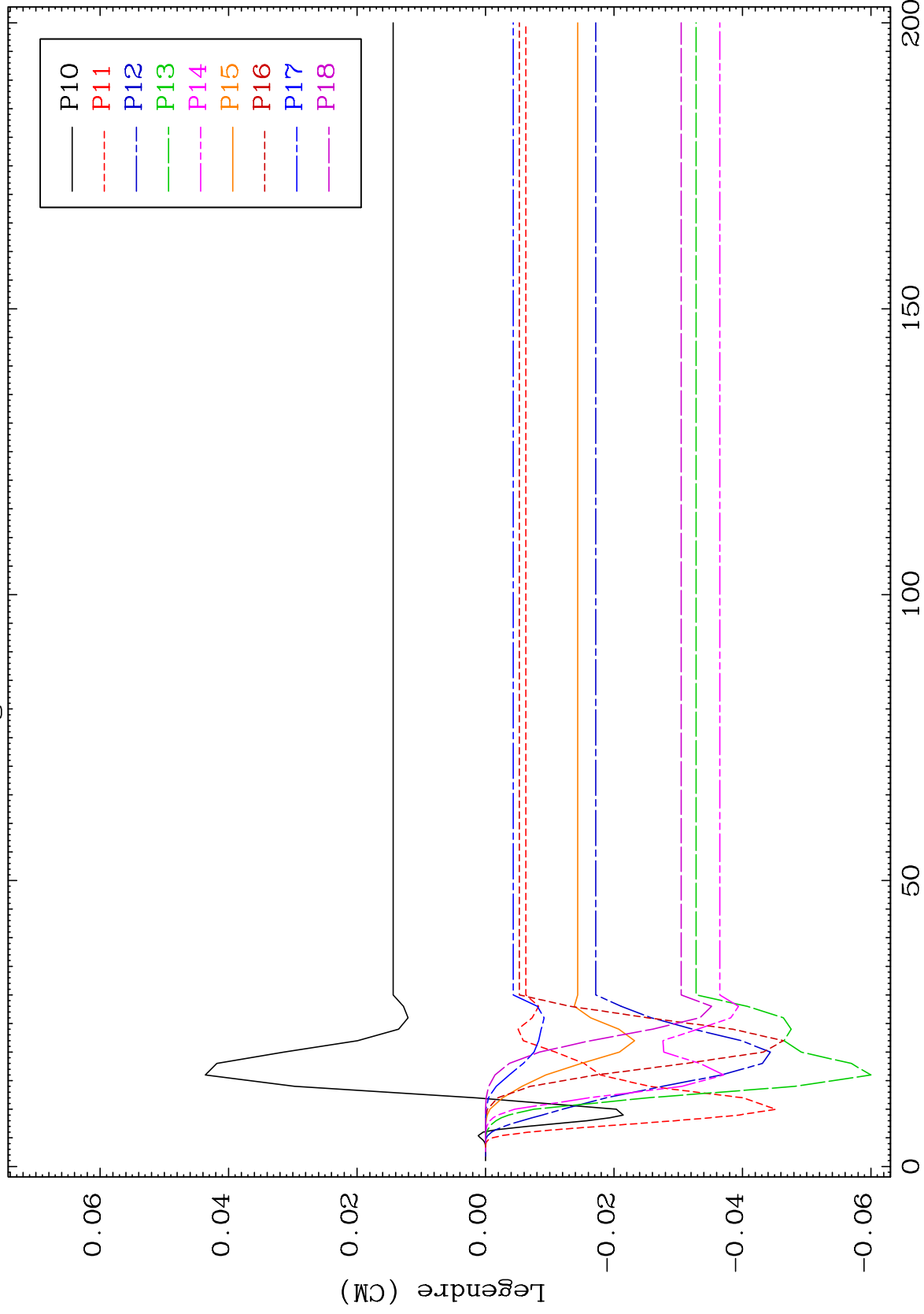
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



73

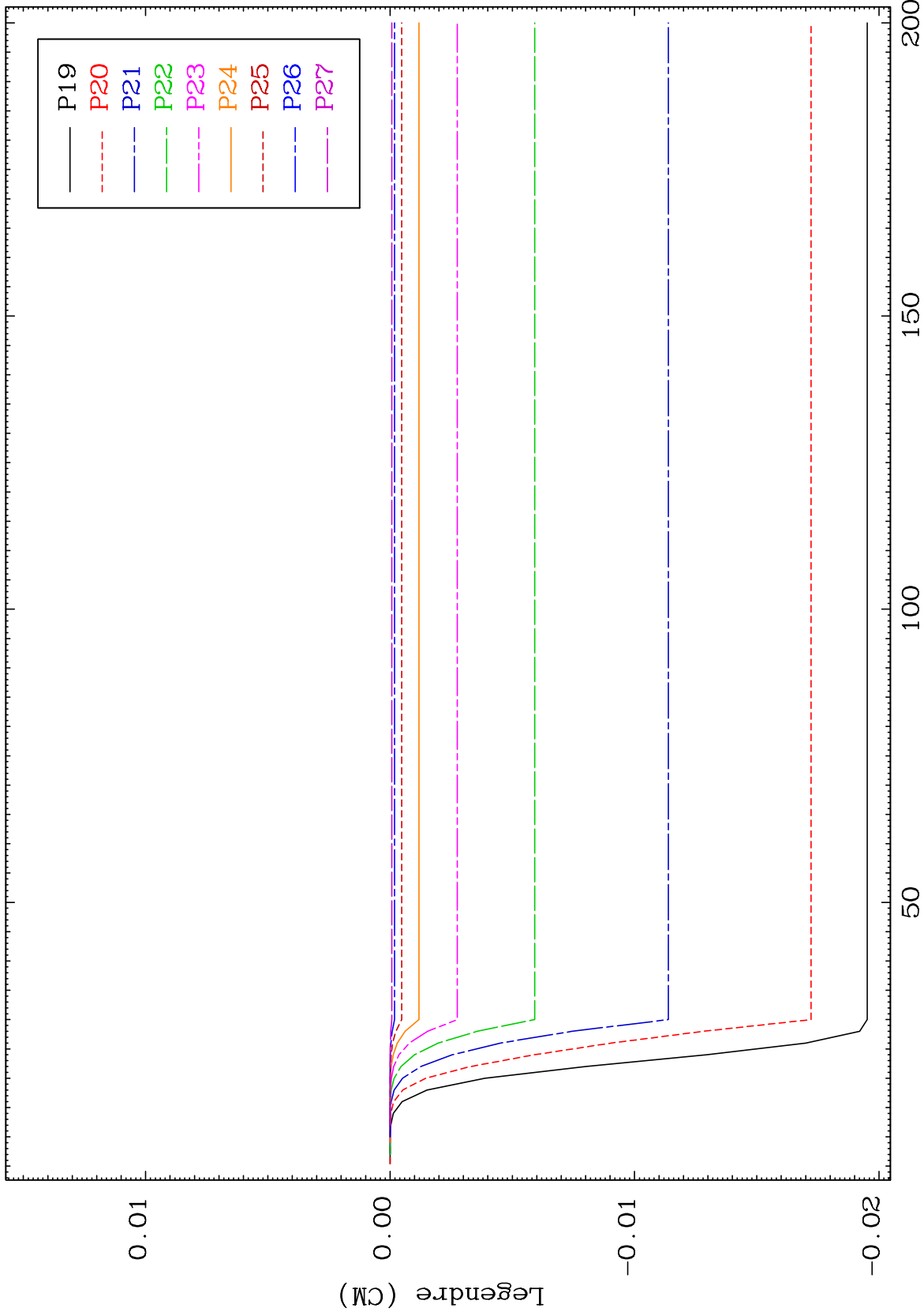
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

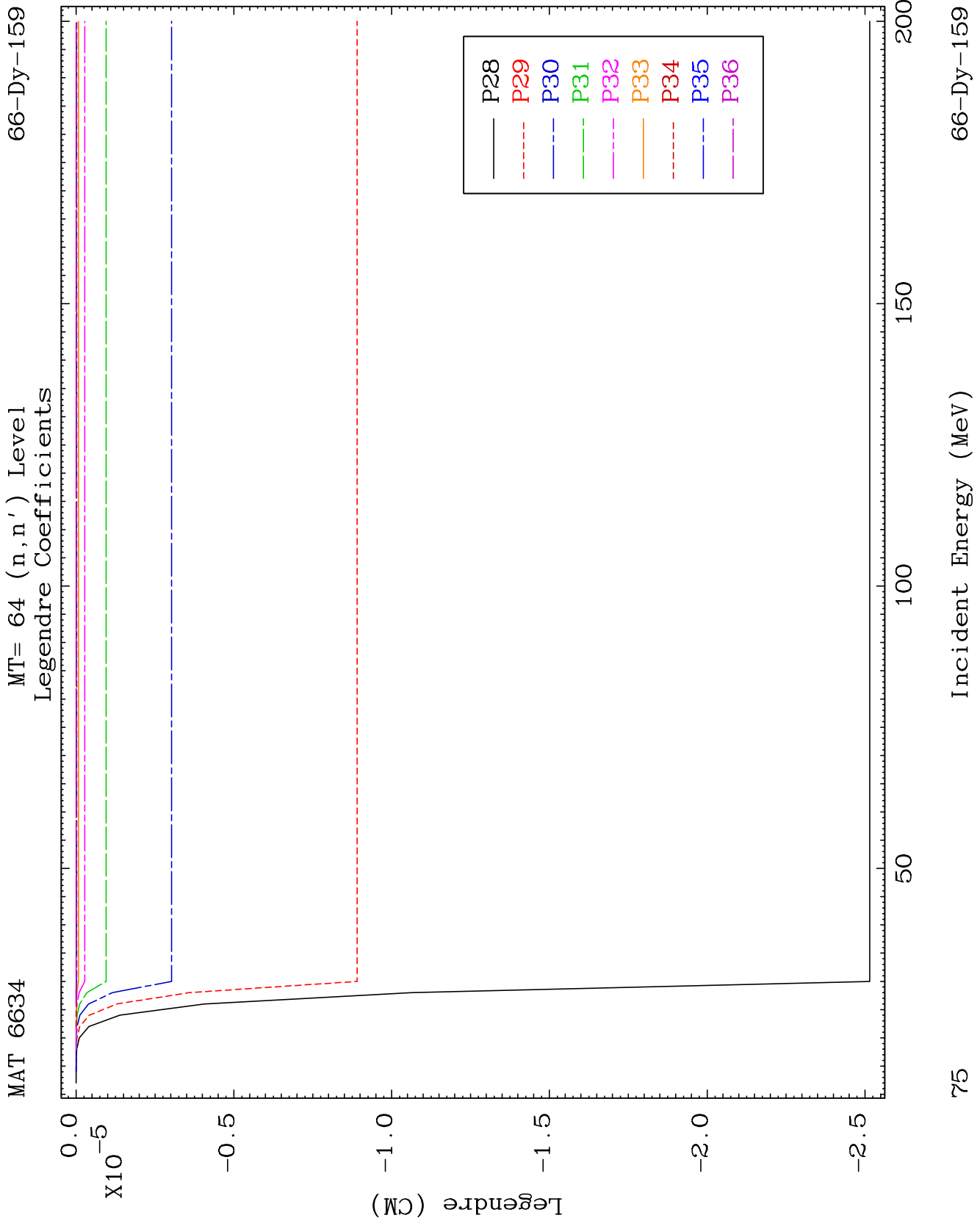
66-Dy-159



74

Incident Energy (MeV)

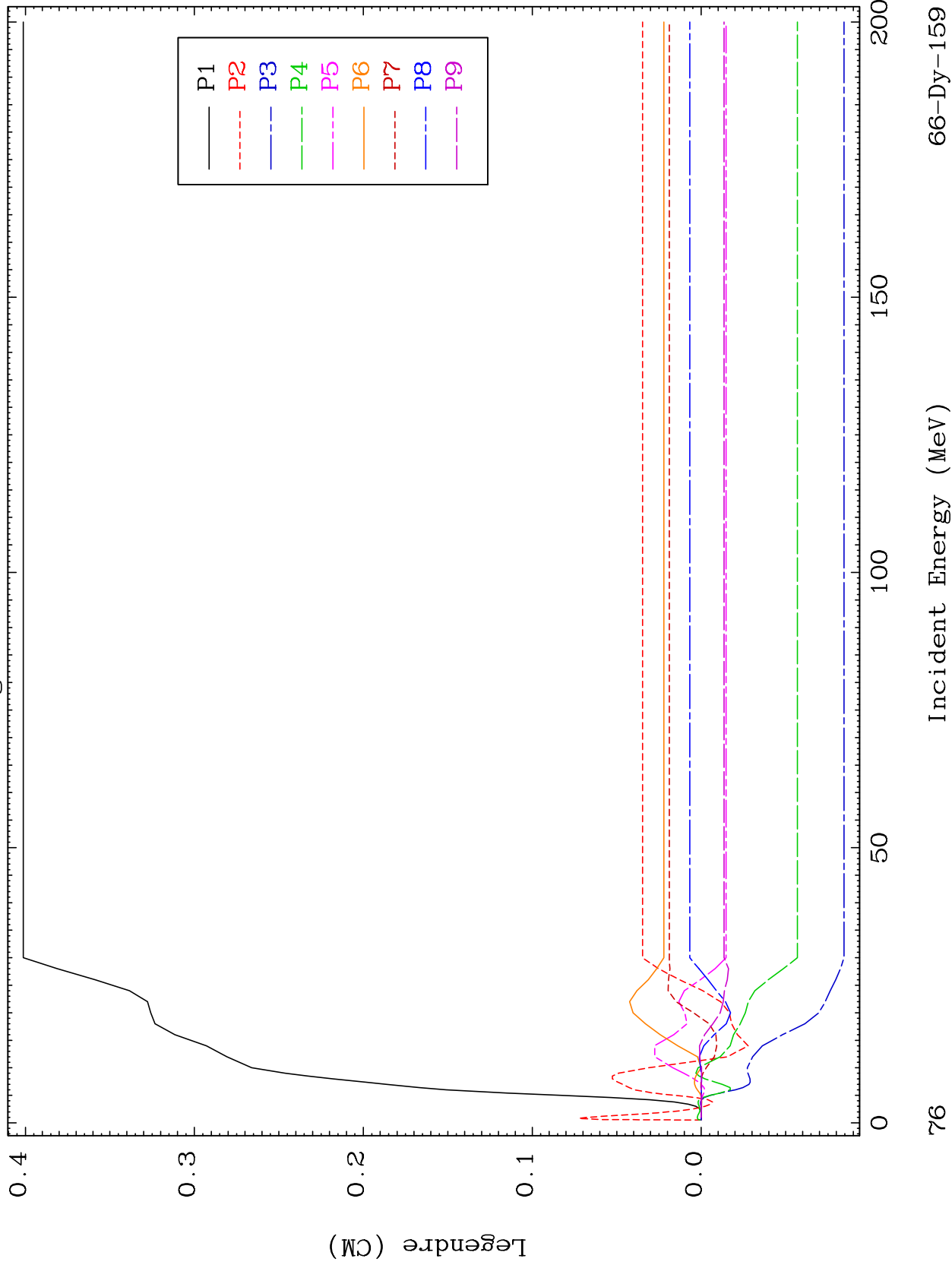
66-Dy-159



MAT 6634

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

66-Dy-159



66-Dy-159

Incident Energy (MeV)

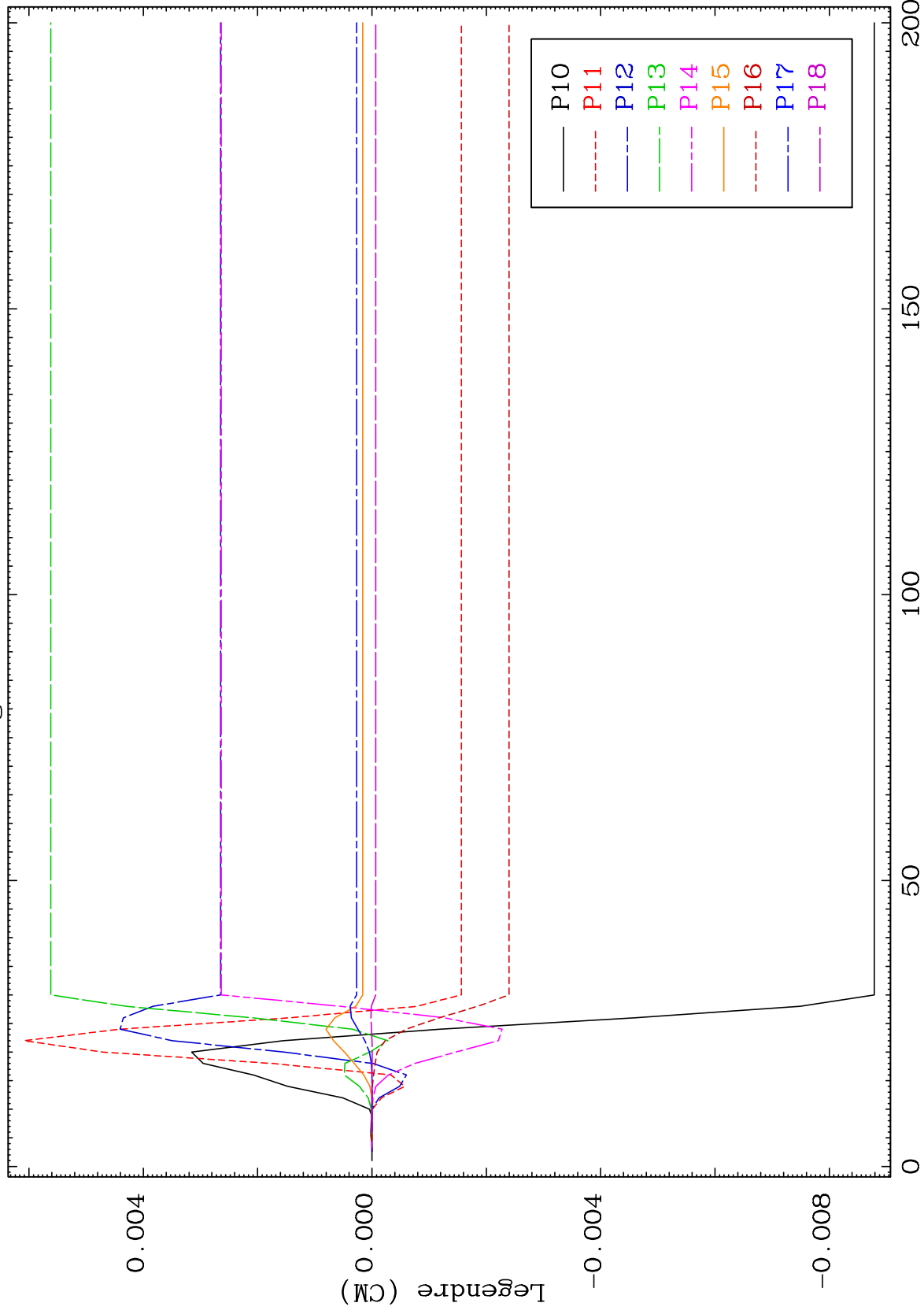
76

MAT 6634

MT= 65 (n,n') Level

66-Dy-159

Legendre Coefficients



77

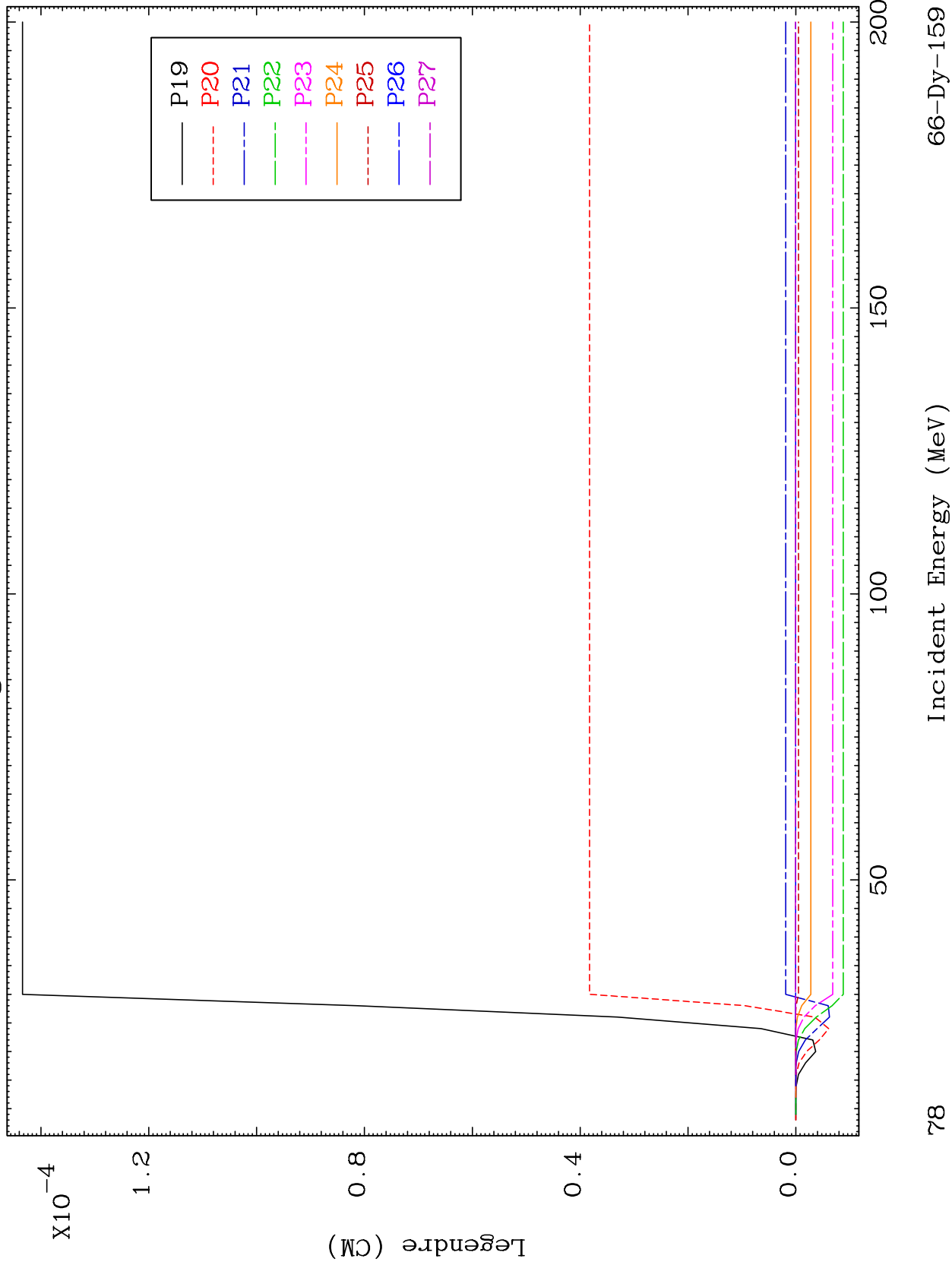
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



78

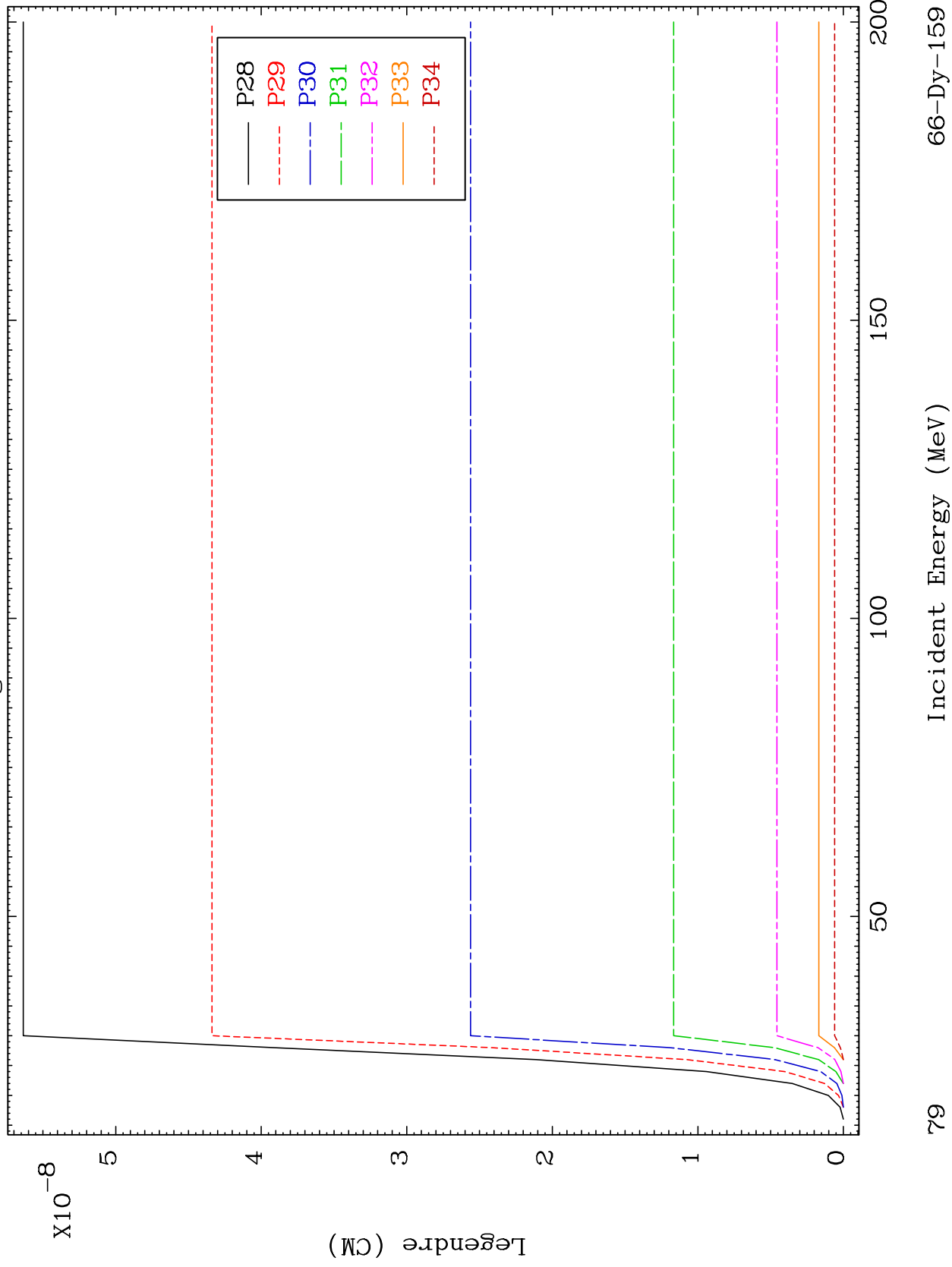
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



79

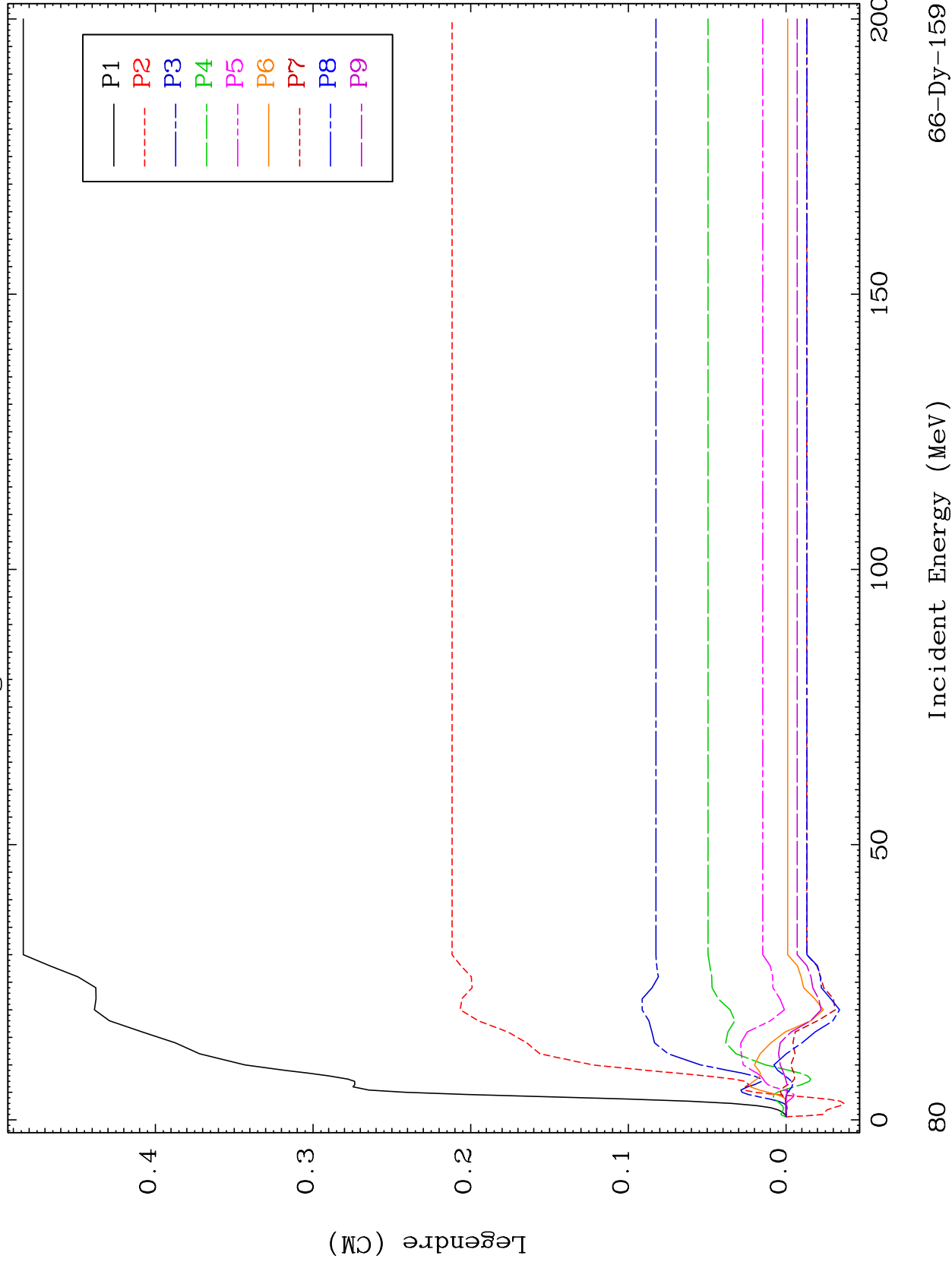
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



66-Dy-159

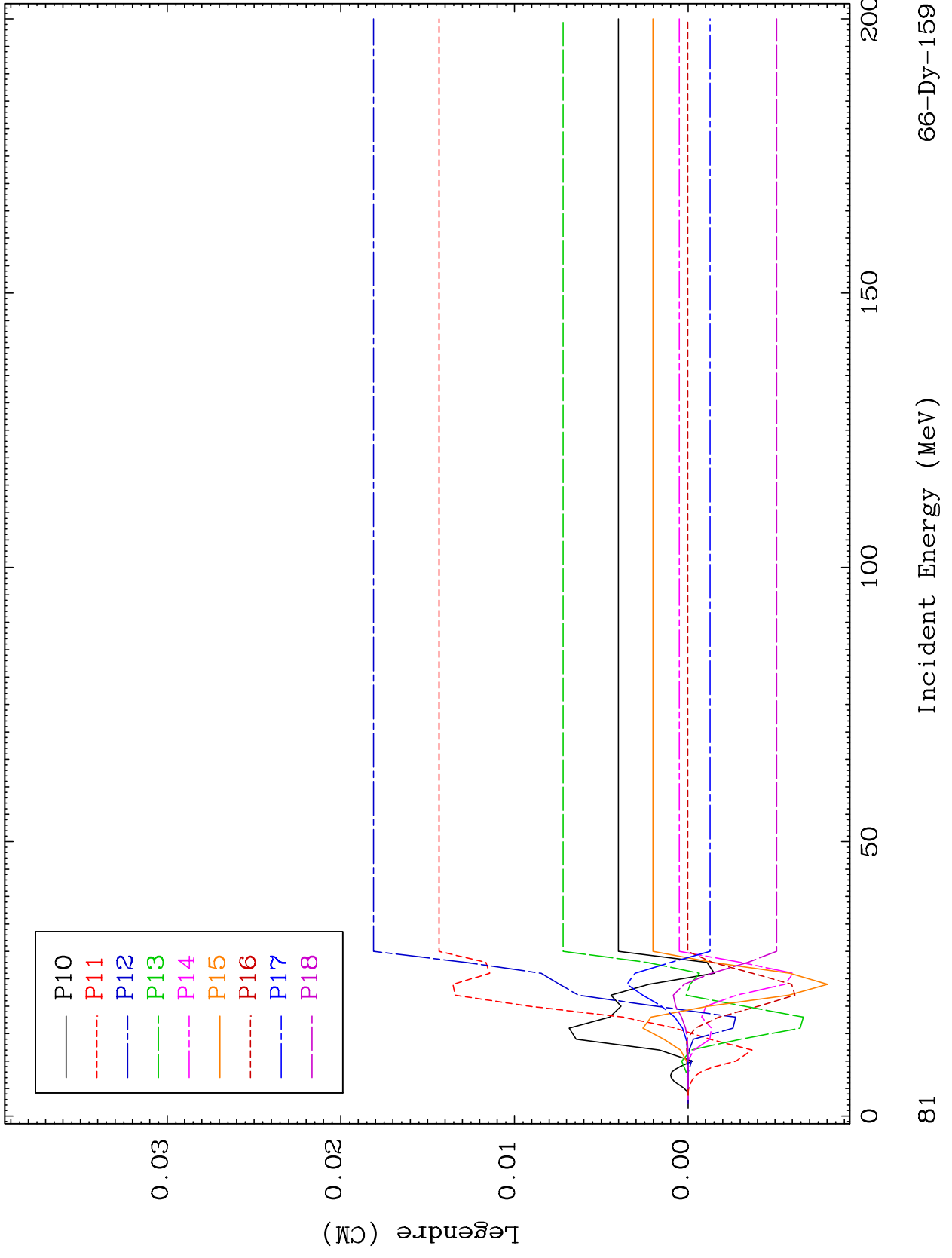
Incident Energy (MeV)

80

MAT 6634

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

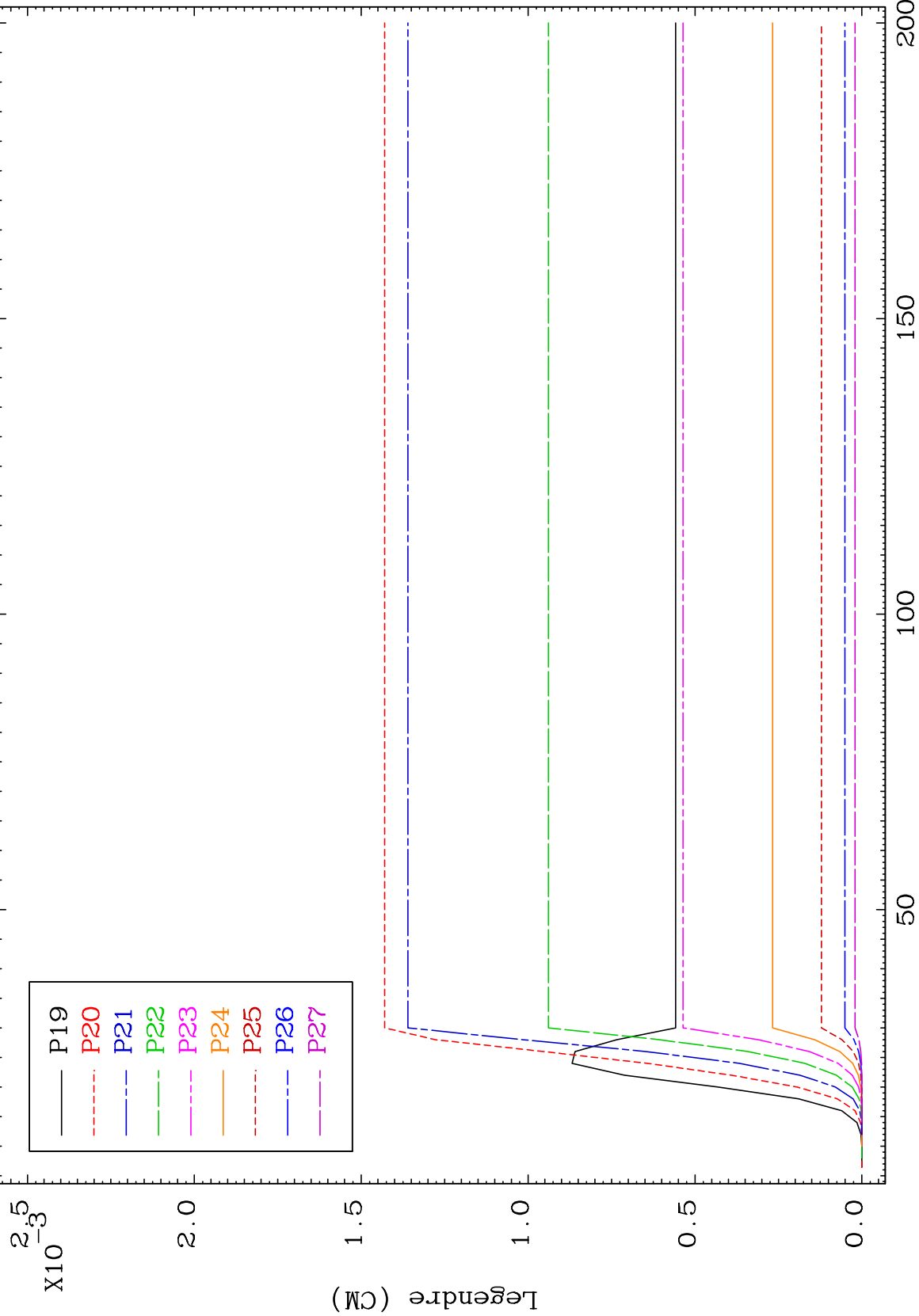
66-Dy-159



81

Incident Energy (MeV)

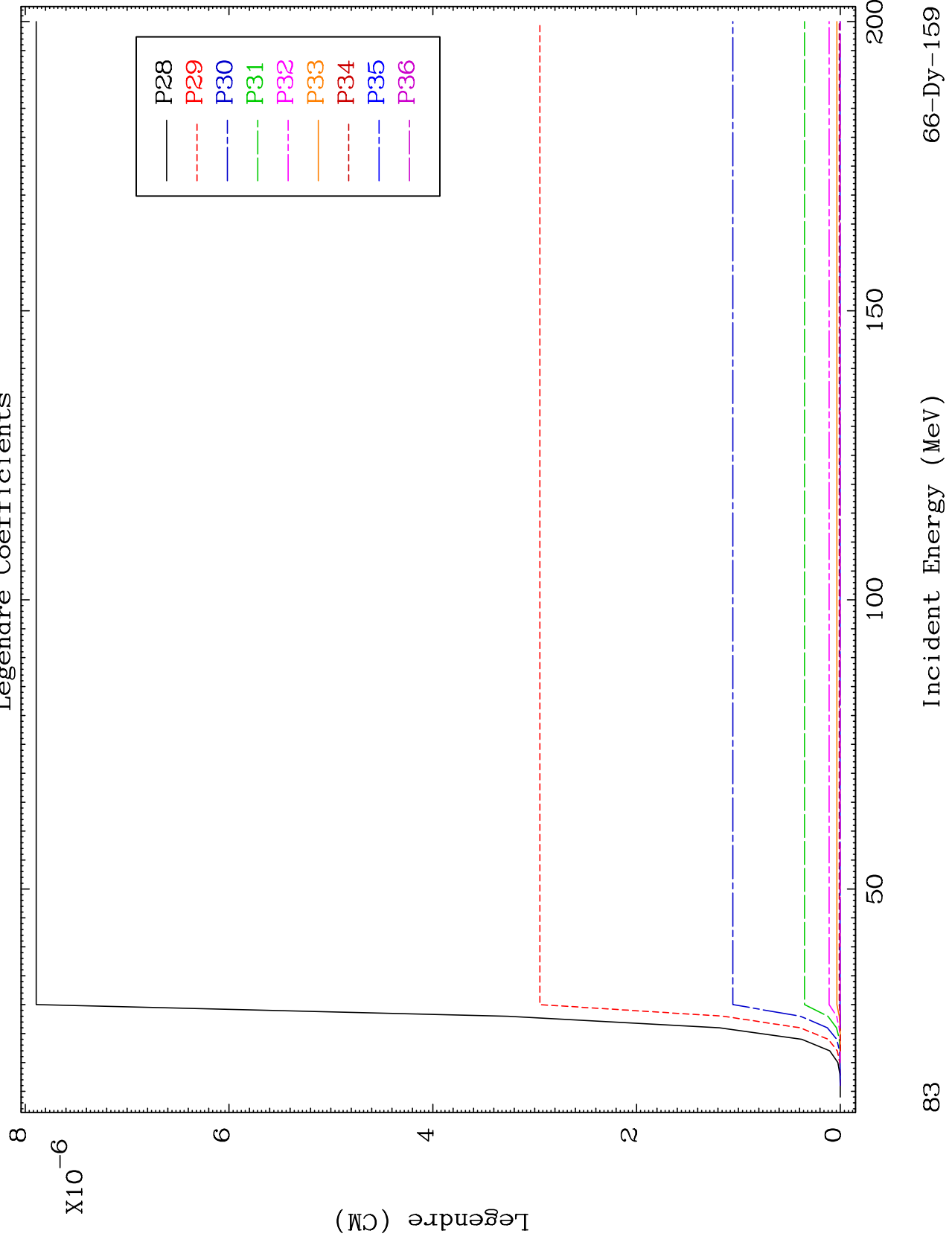
66-Dy-159



MAT 6634

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

66-Dy-159

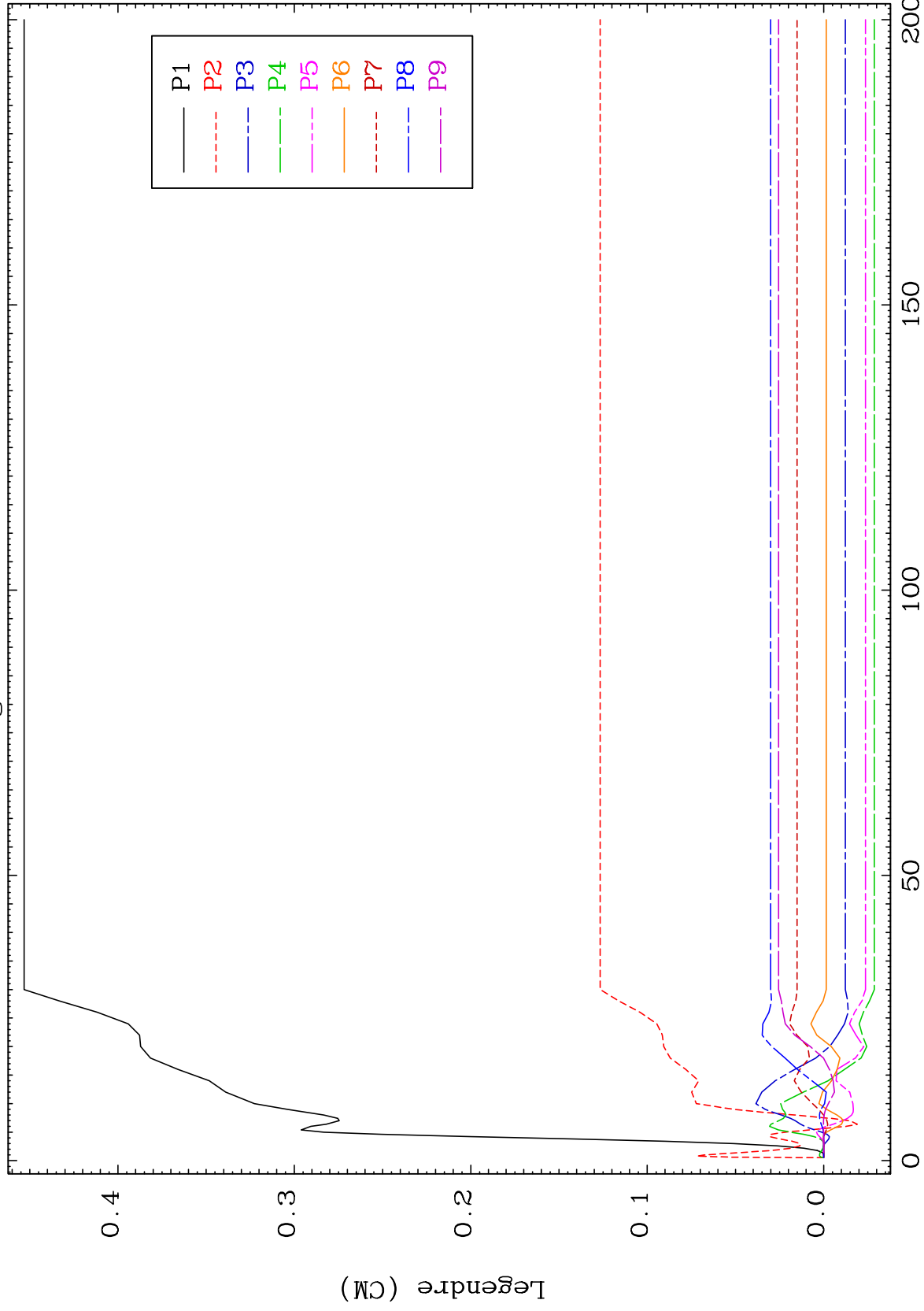


83

MAT 6634

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

66-Dy-159



84

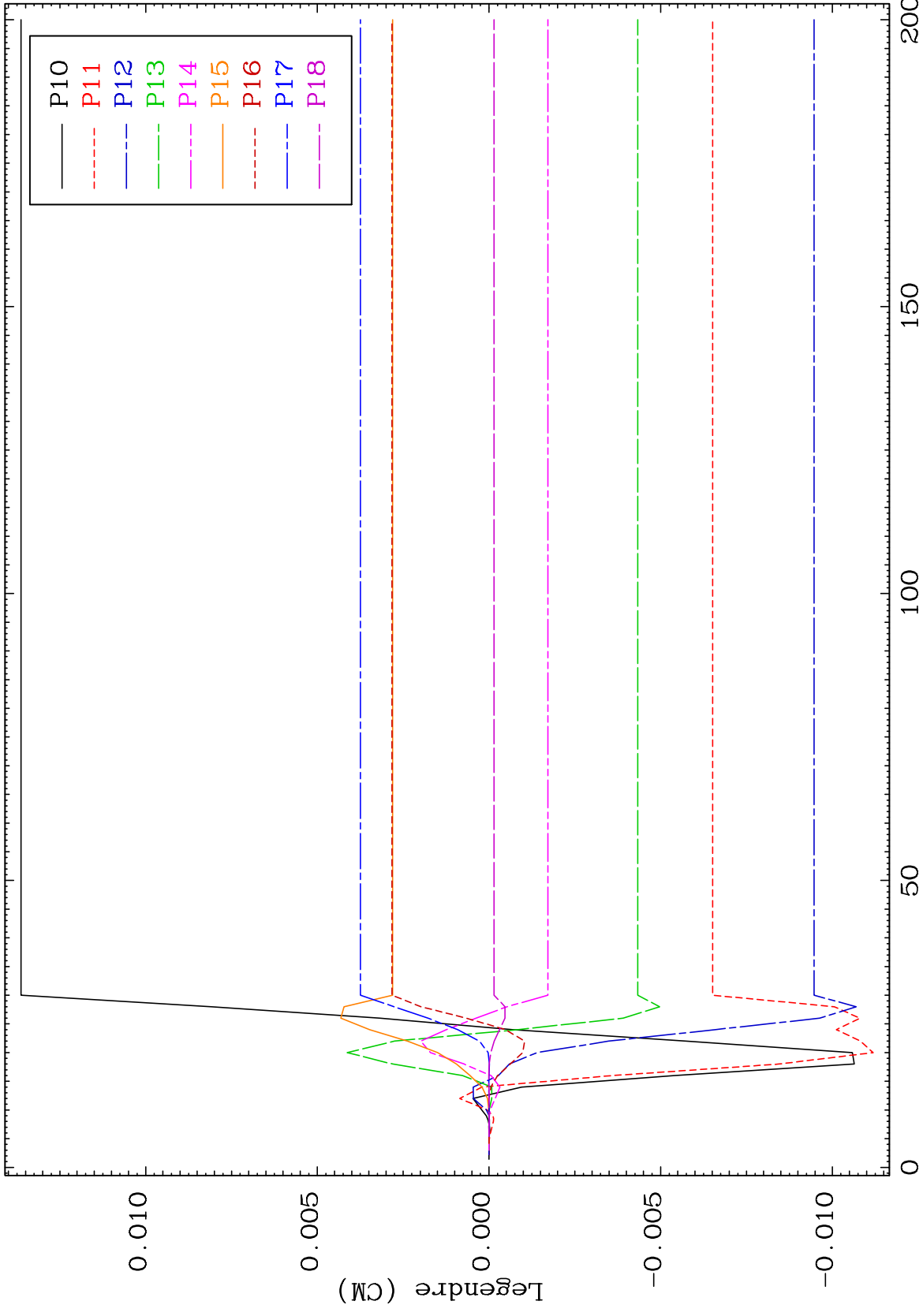
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

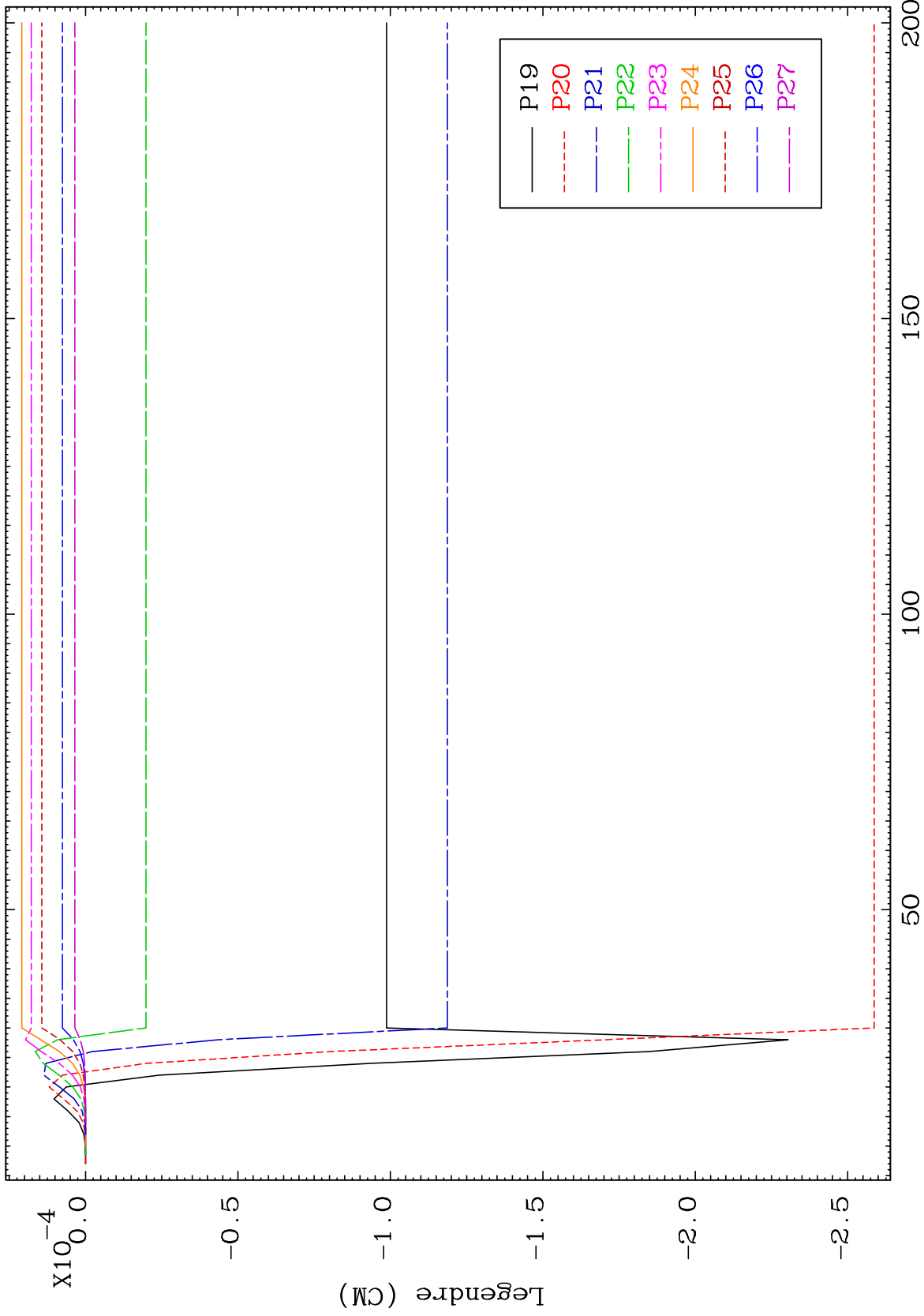
66-Dy-159



85

Incident Energy (MeV)

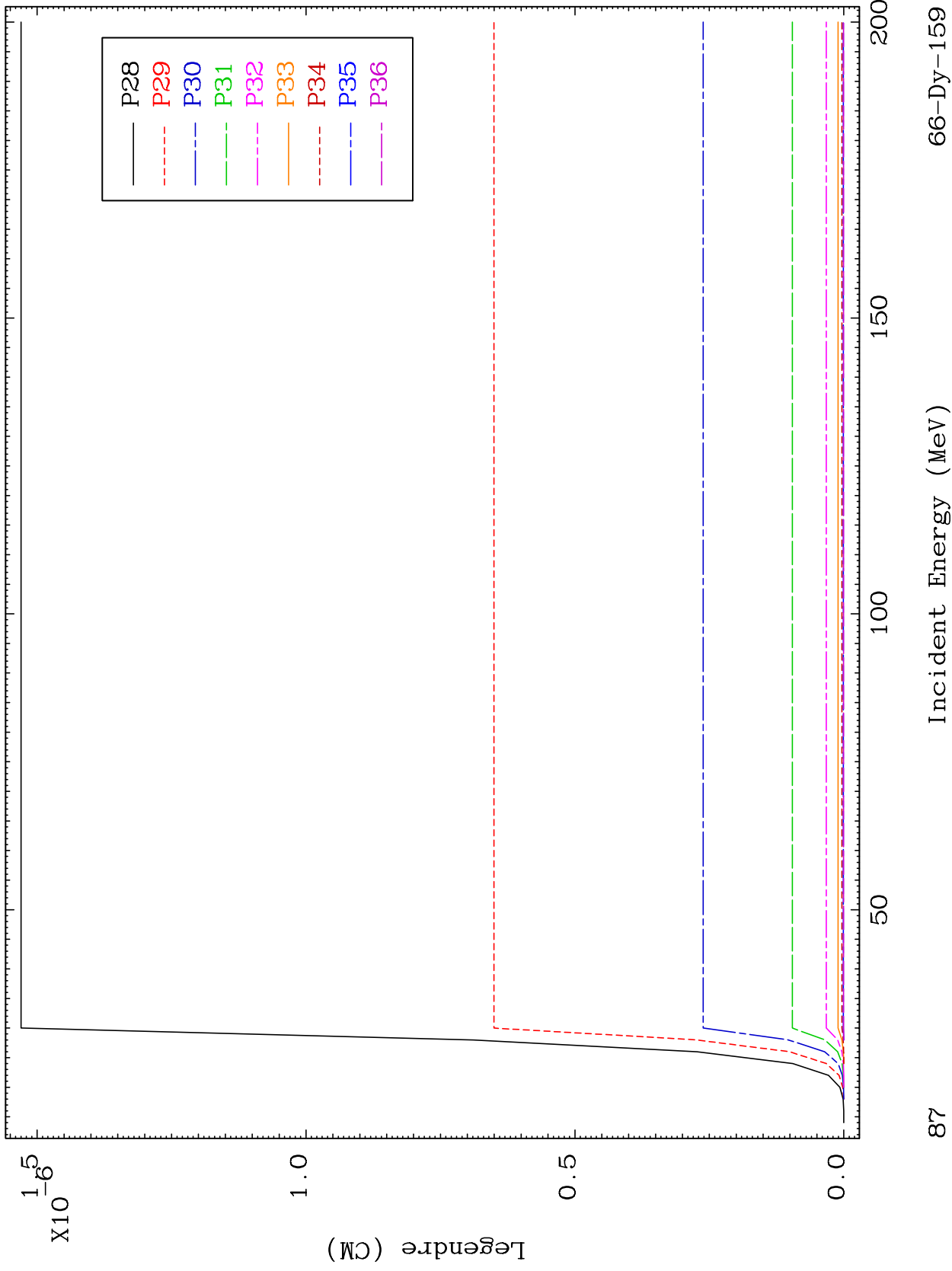
66-Dy-159



MAT 6634

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

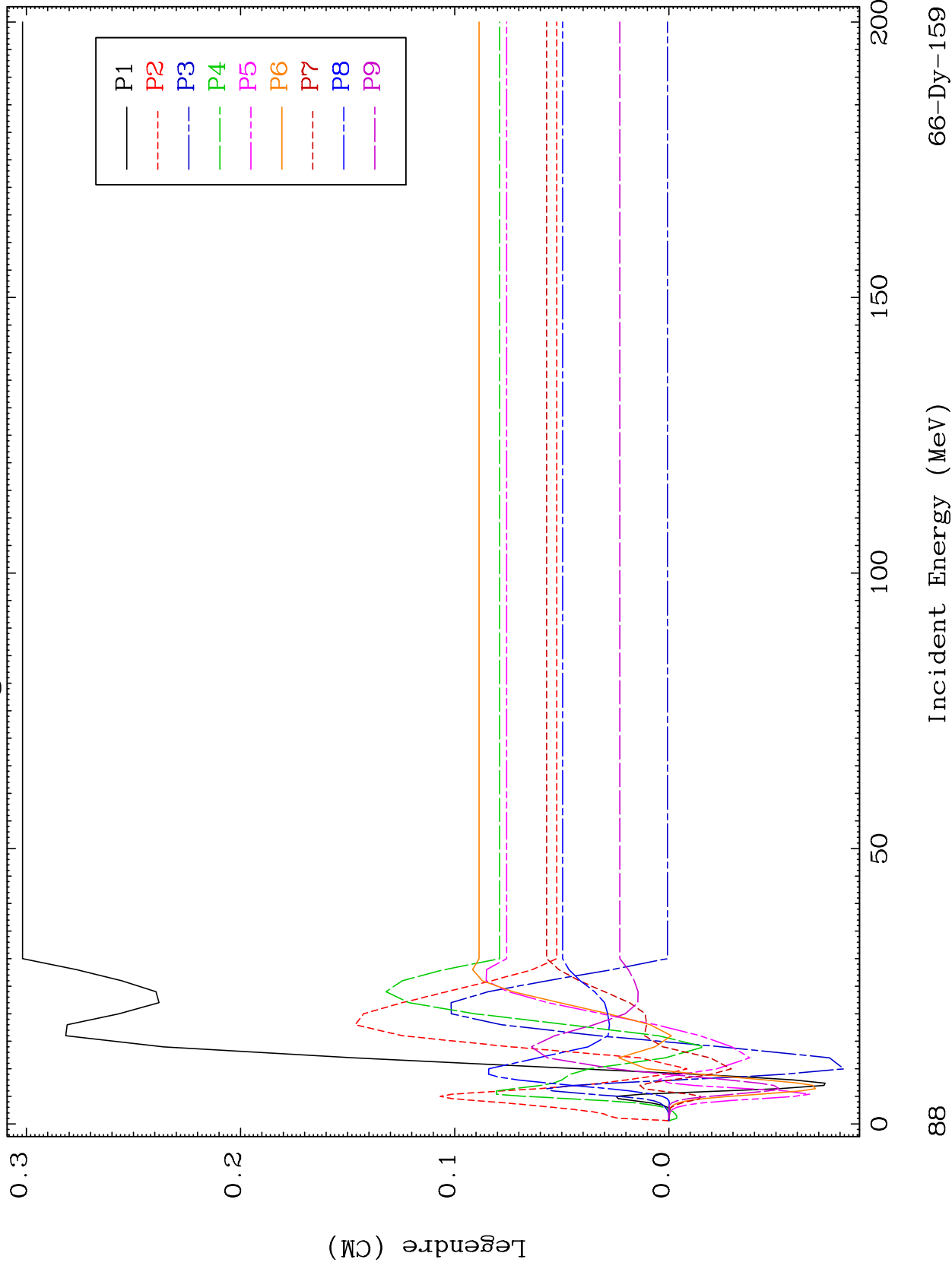
66-Dy-159



MAT 6634

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

66-Dy-159



66-Dy-159

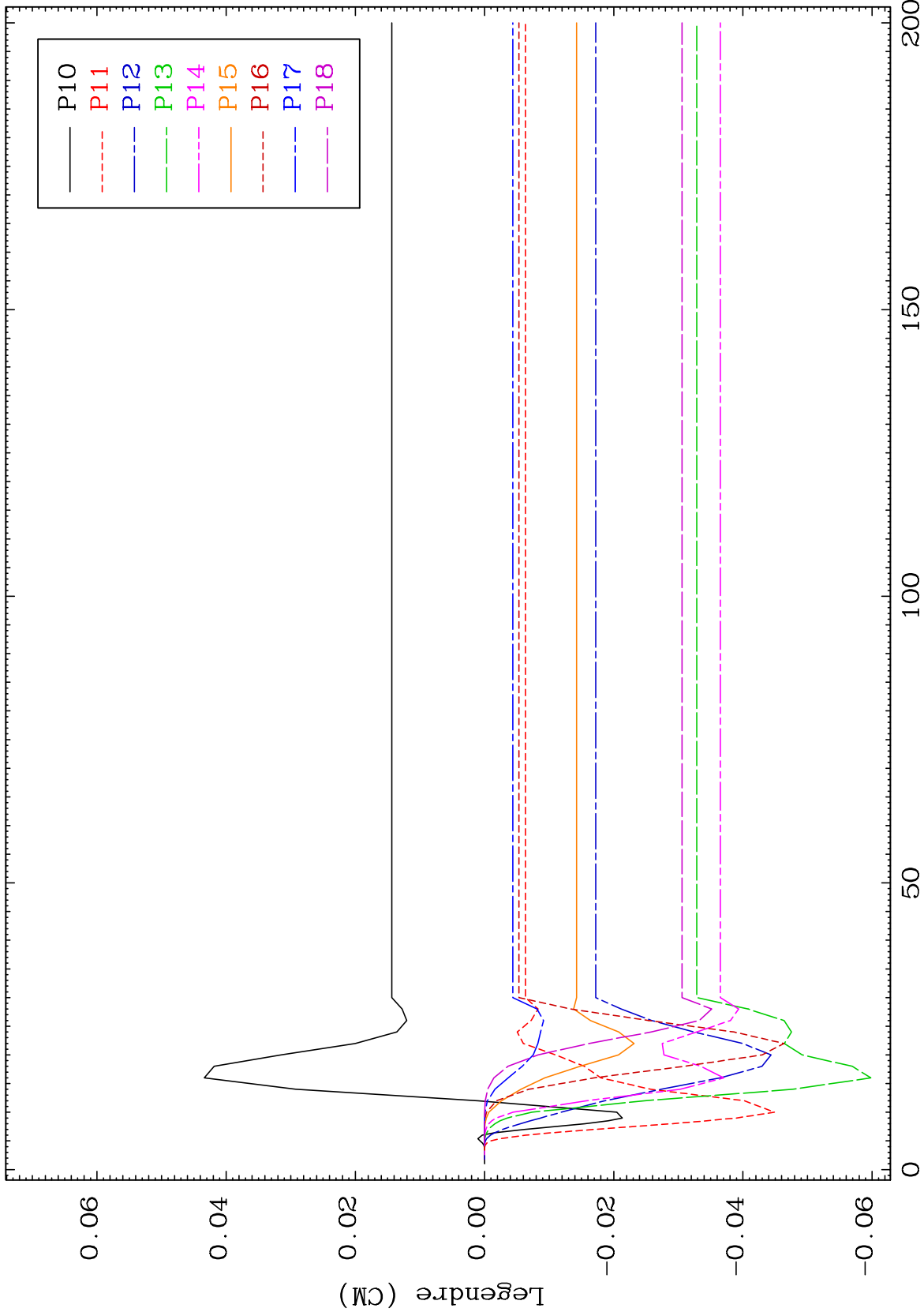
Incident Energy (MeV)

88

MAT 6634

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

66-Dy-159



89

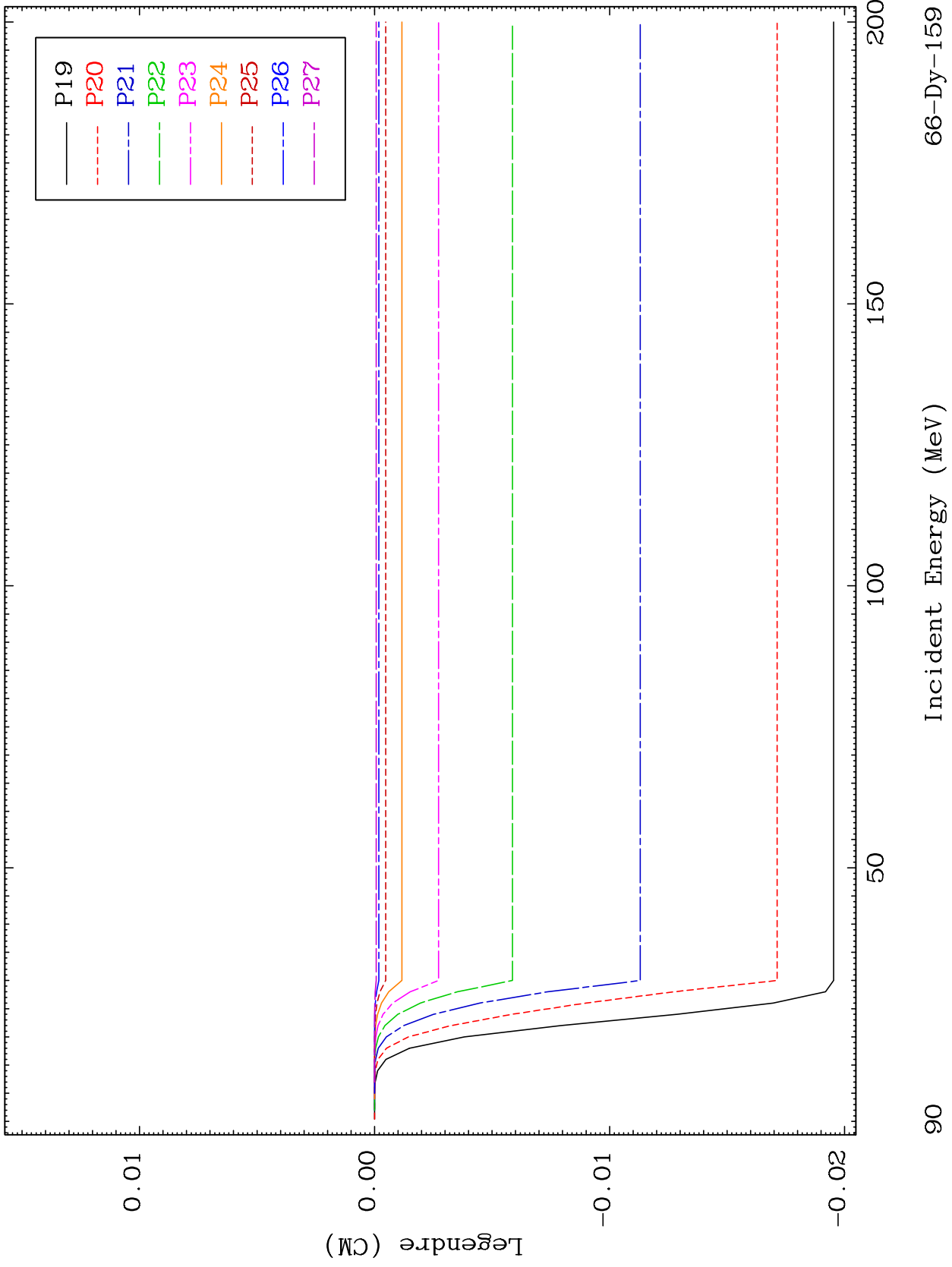
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159

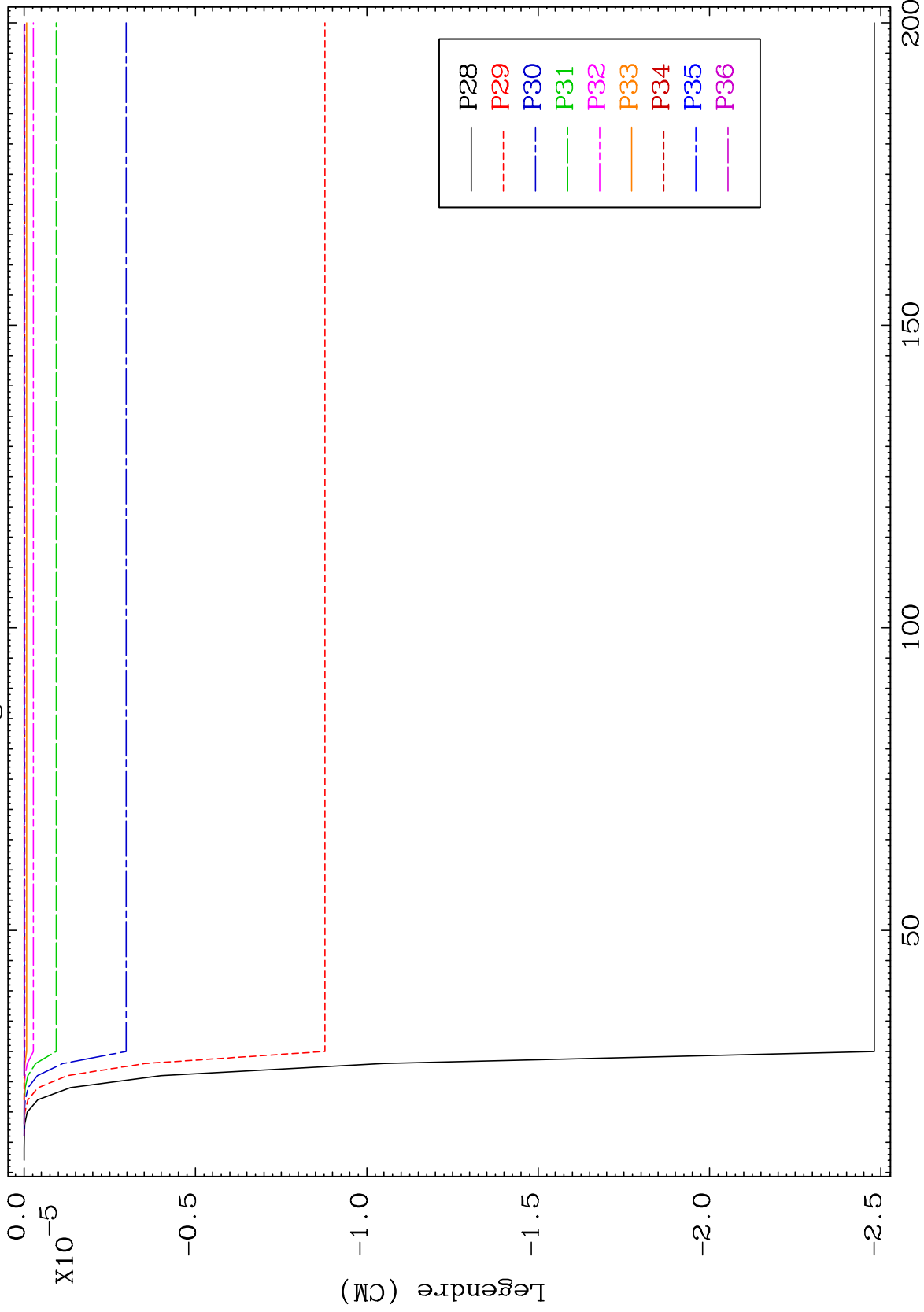


90

Incident Energy (MeV)

66-Dy-159

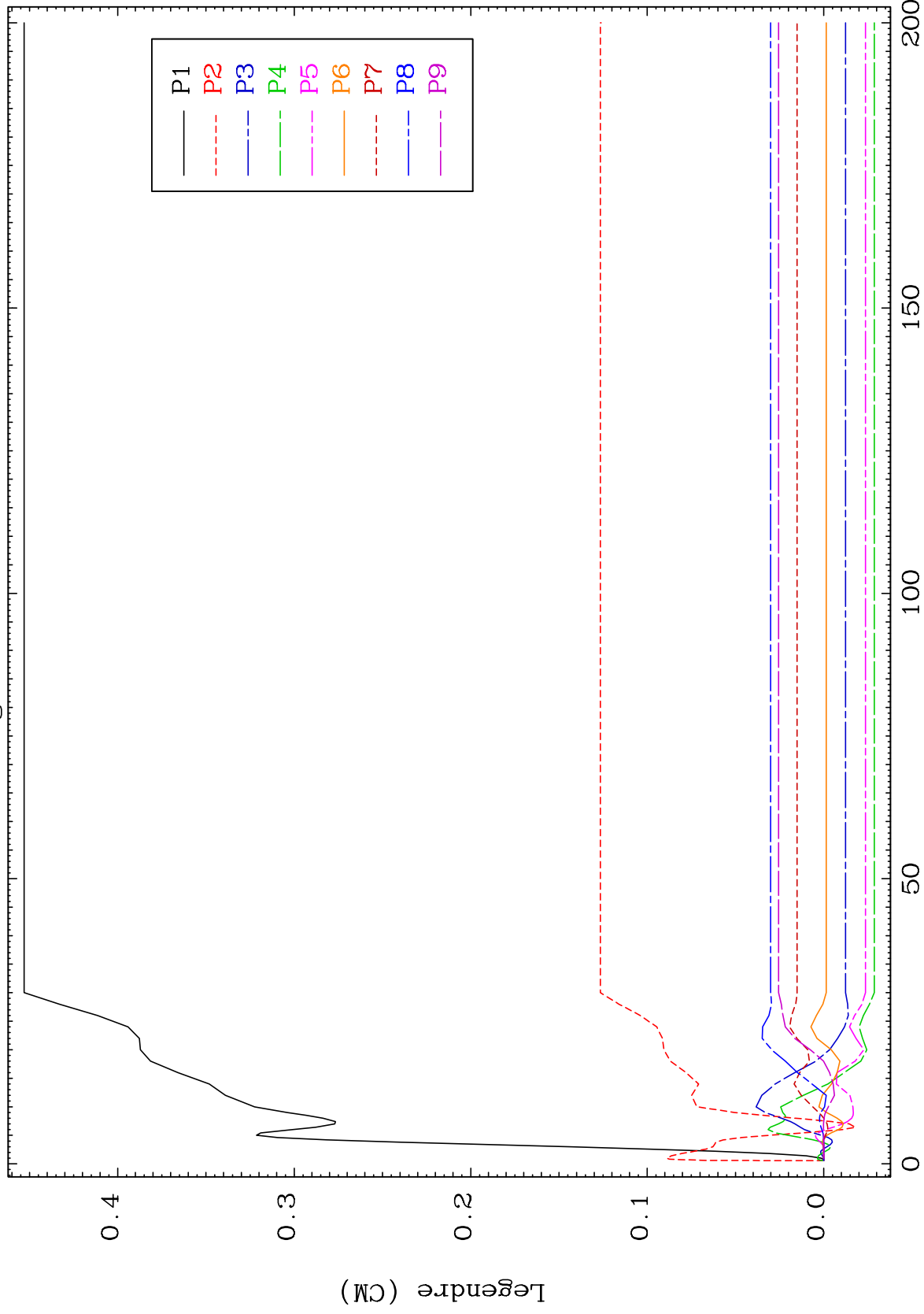
Legendre Coefficients



MAT 6634

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

66-Dy-159



92

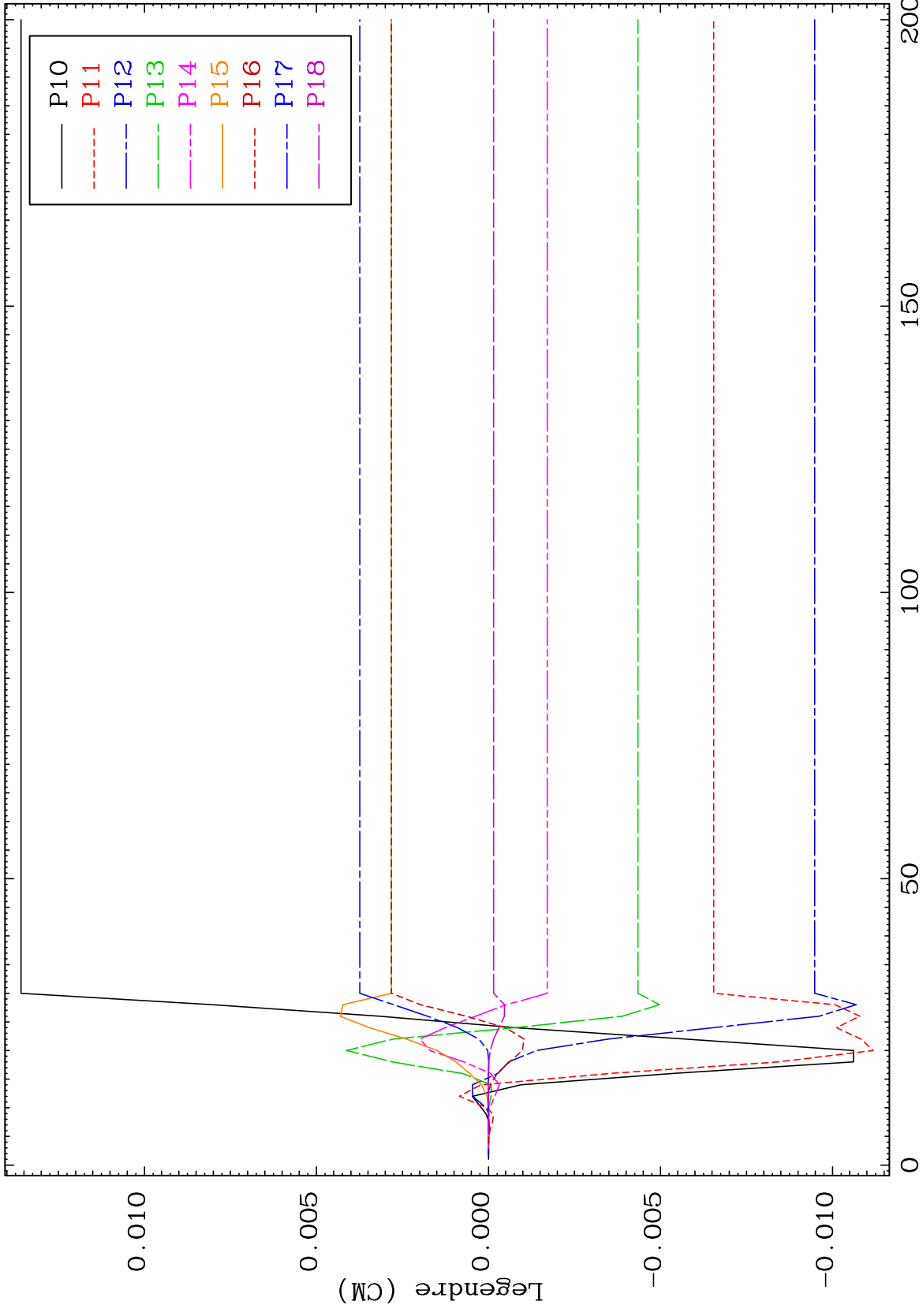
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



93

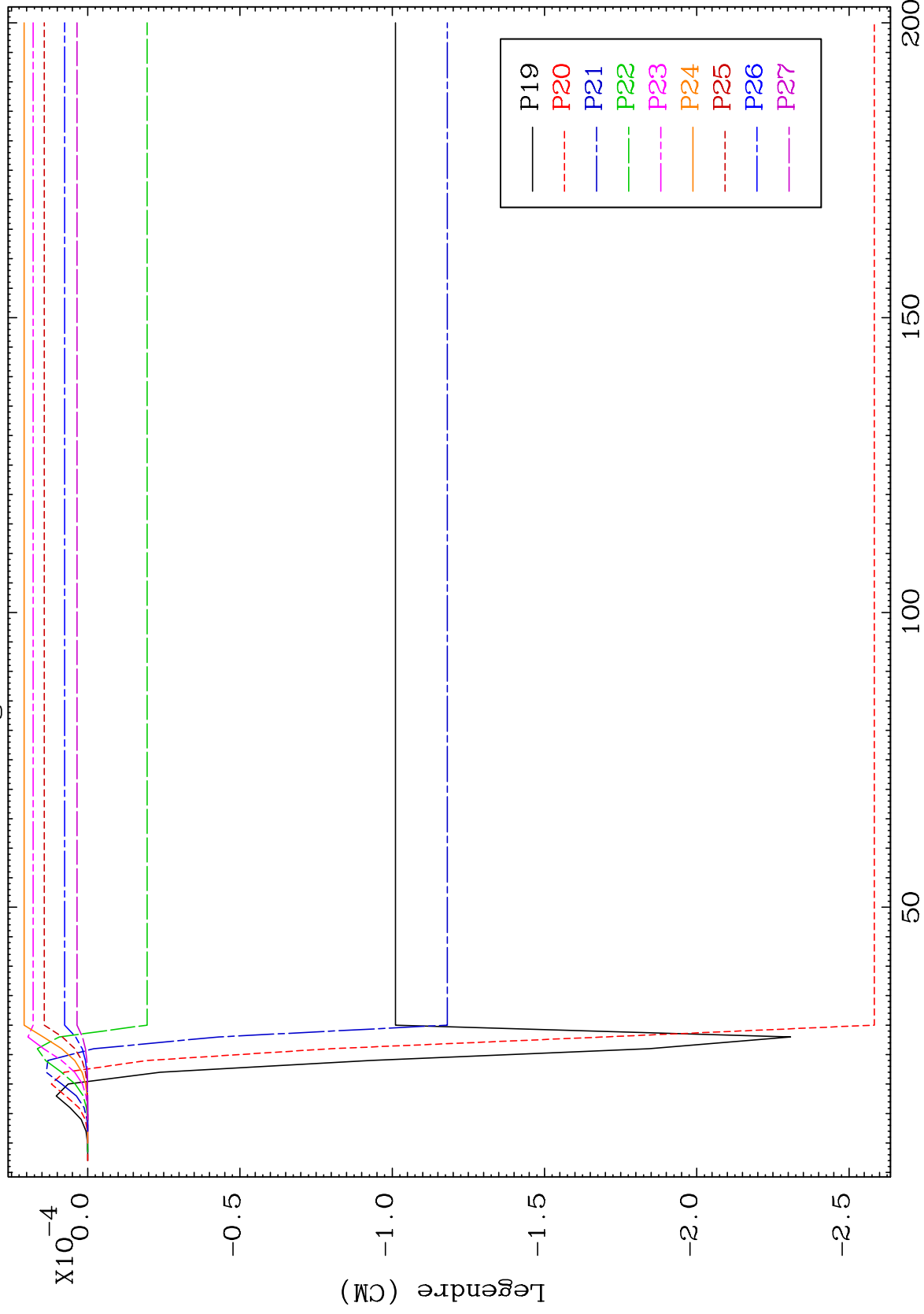
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

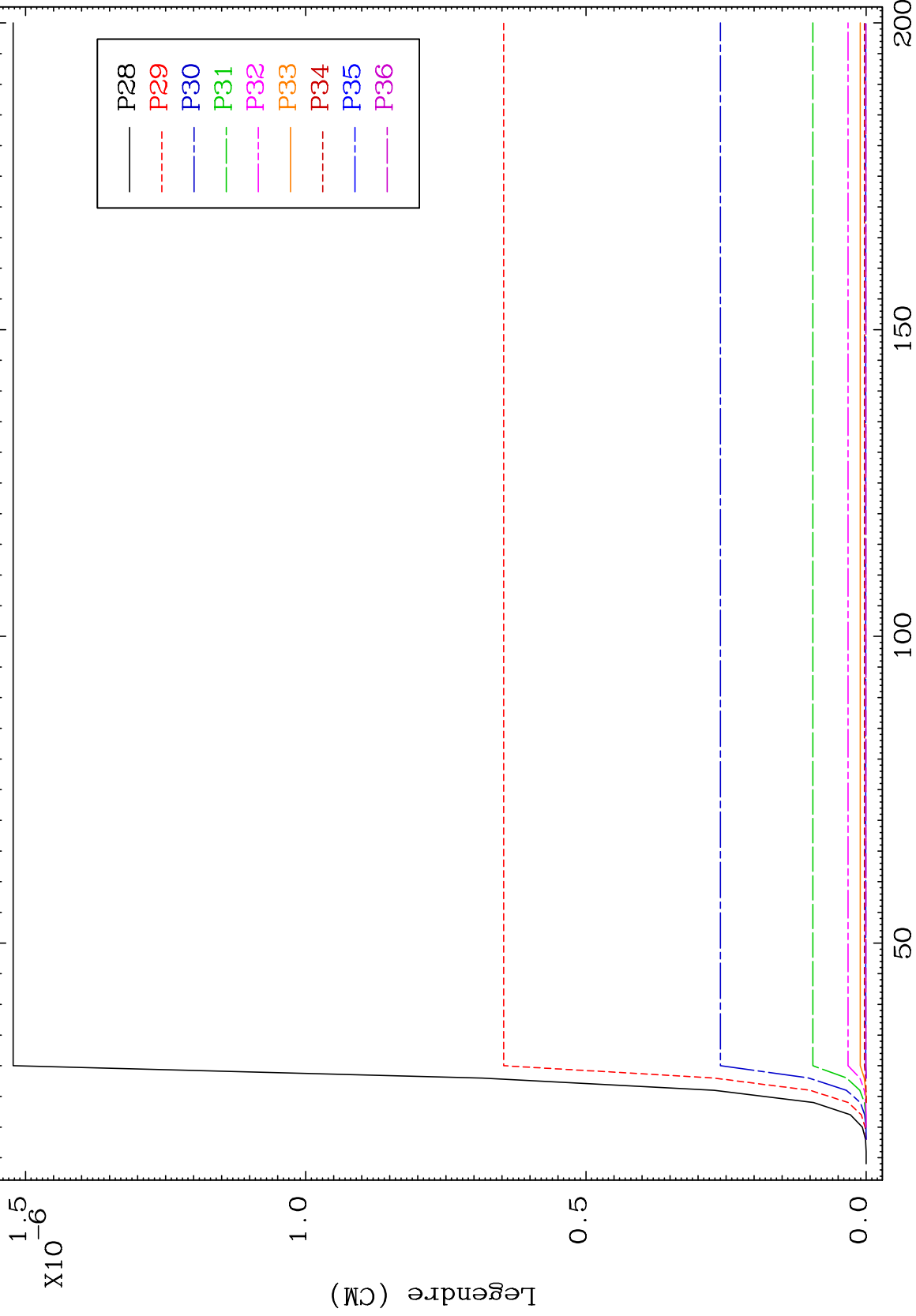
66-Dy-159



MAT 6634

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

66-Dy-159



95

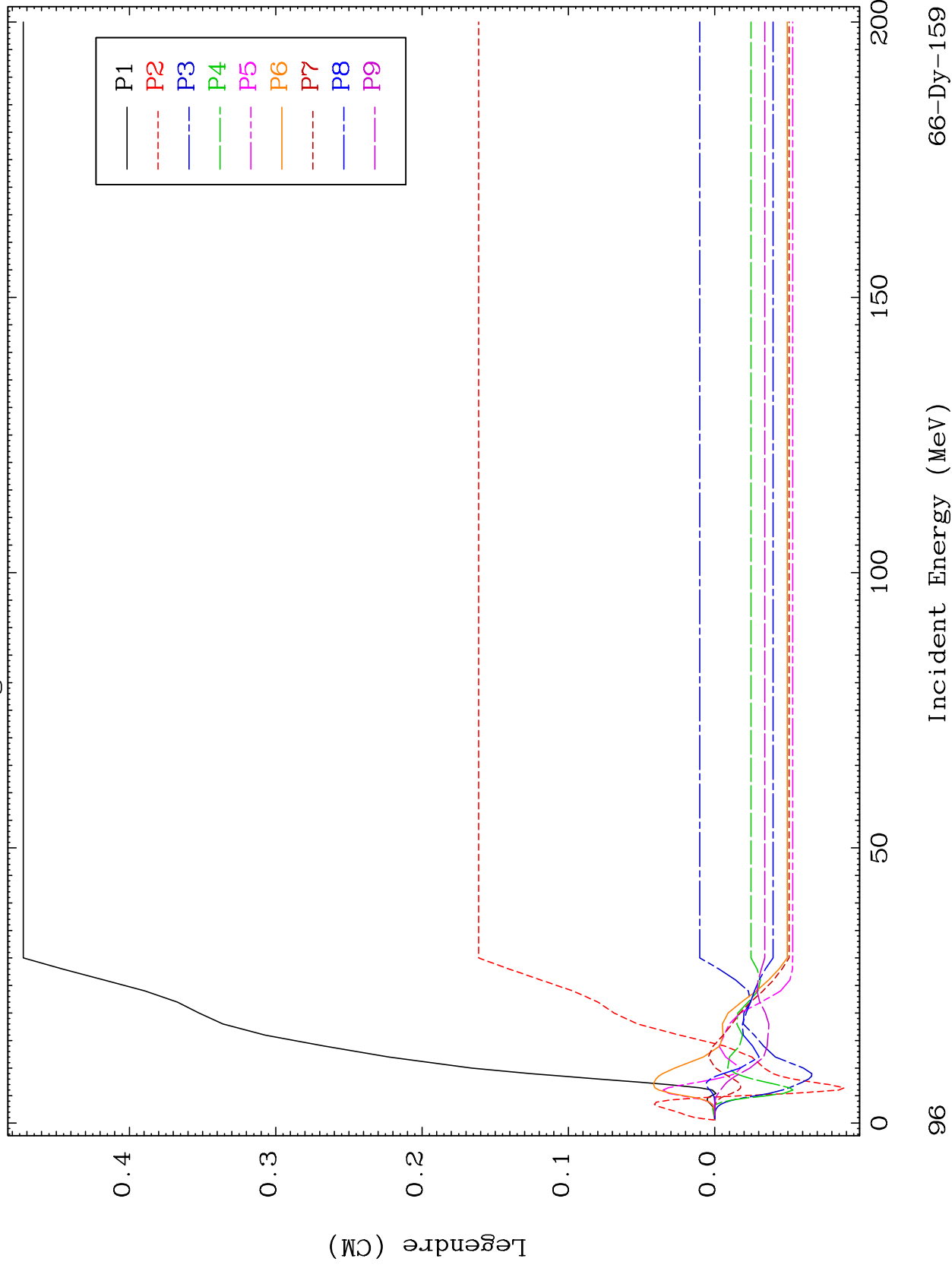
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



66-Dy-159

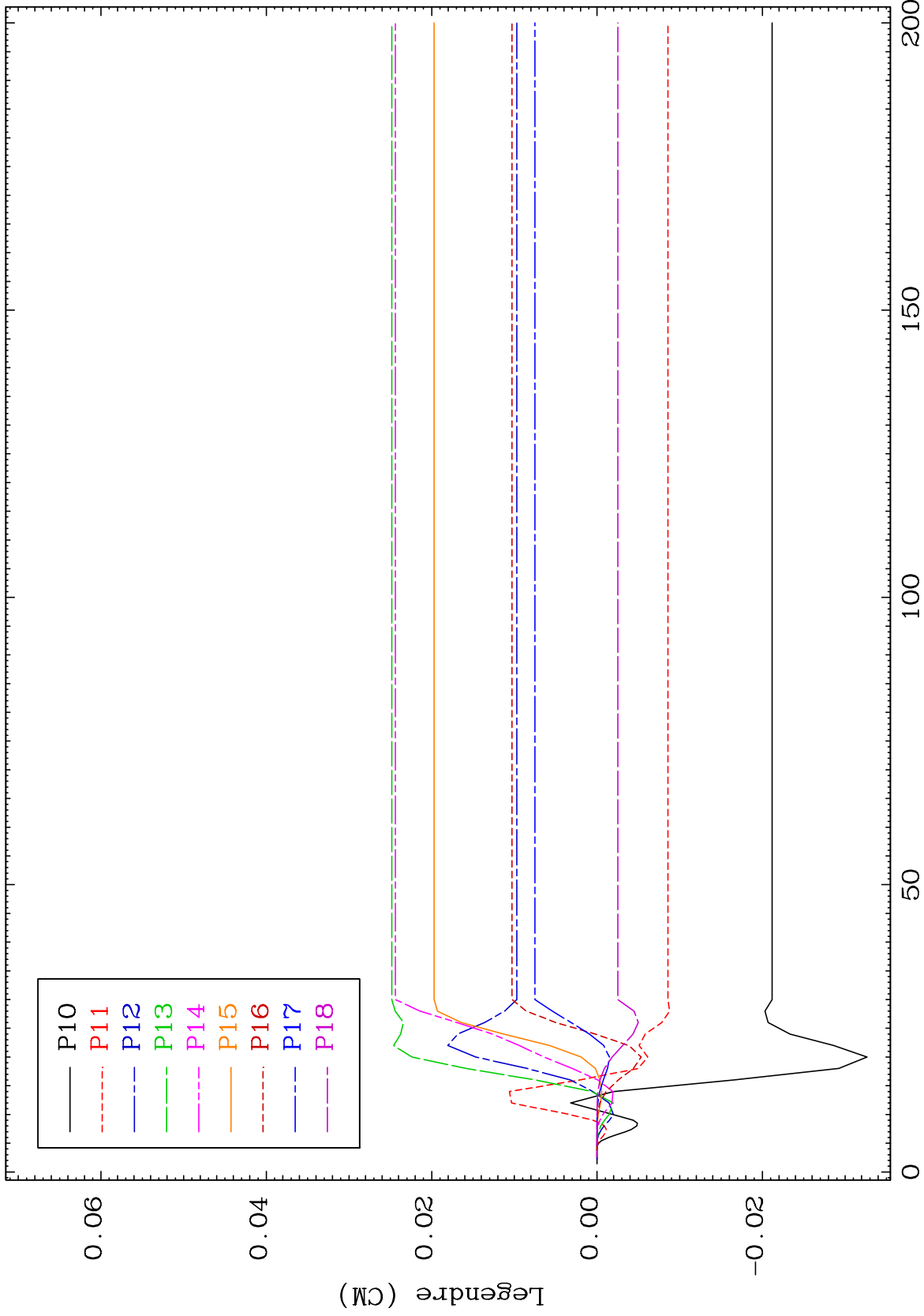
Incident Energy (MeV)

96

MAT 6634

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

66-Dy-159



97

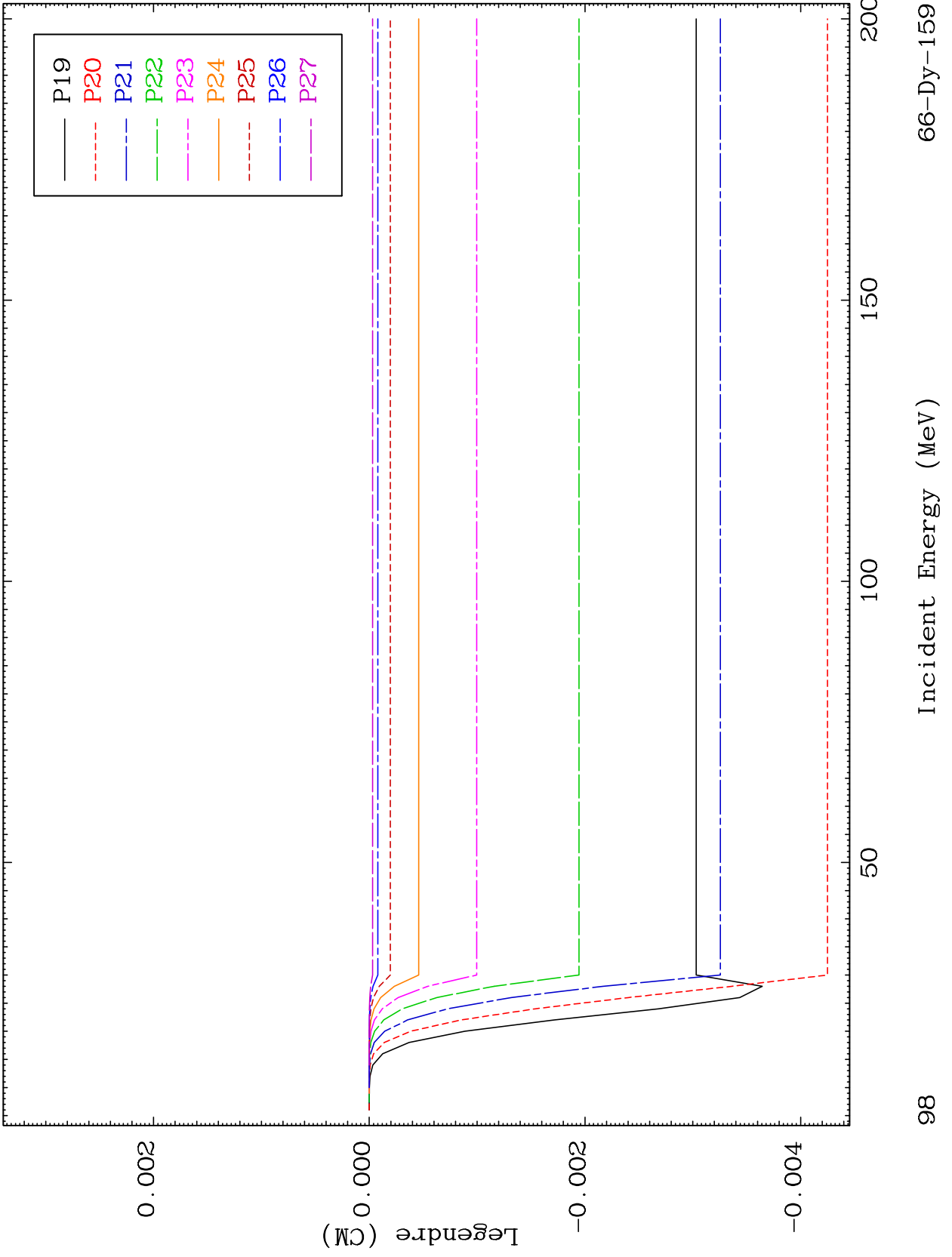
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

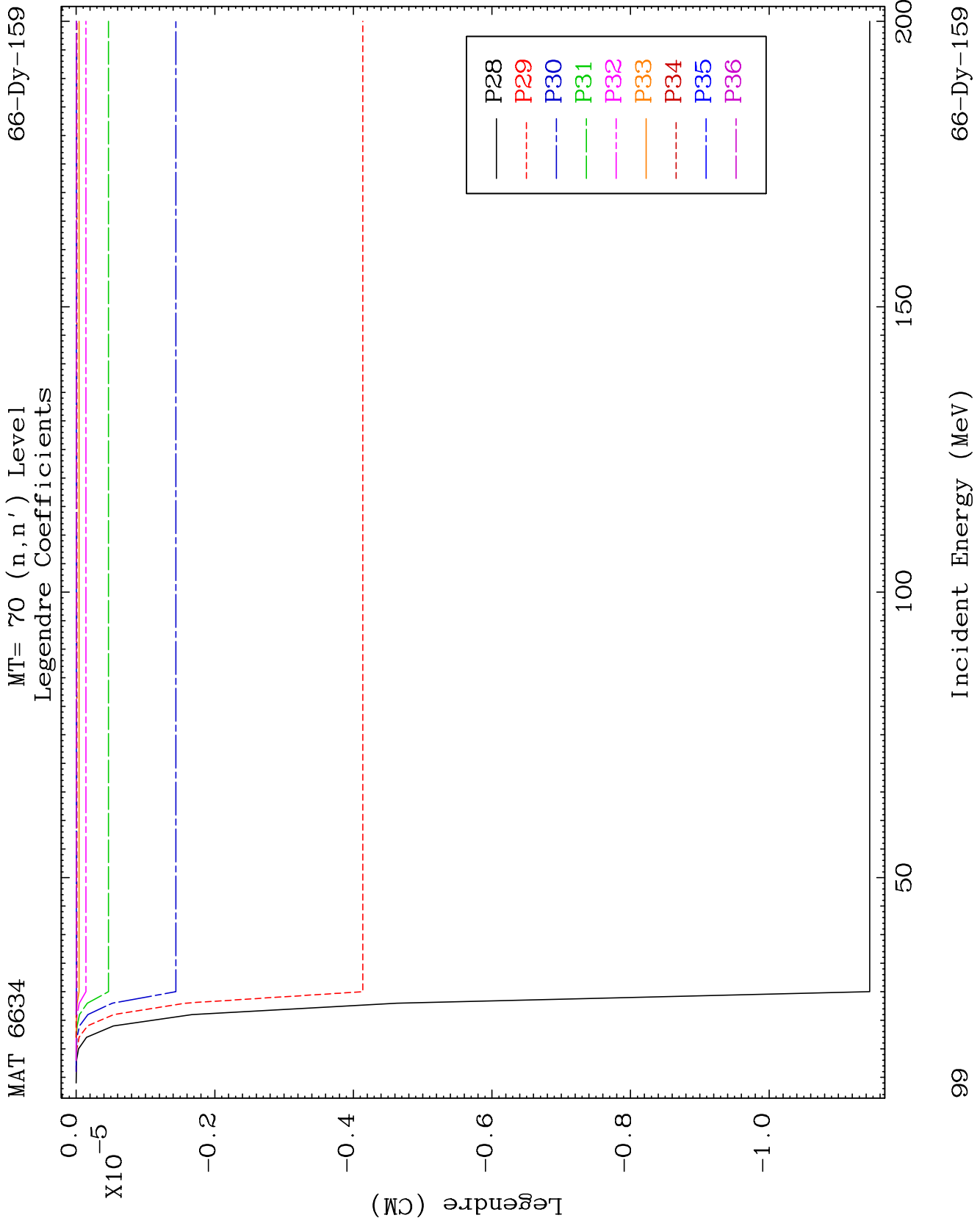
66-Dy-159



98

Incident Energy (MeV)

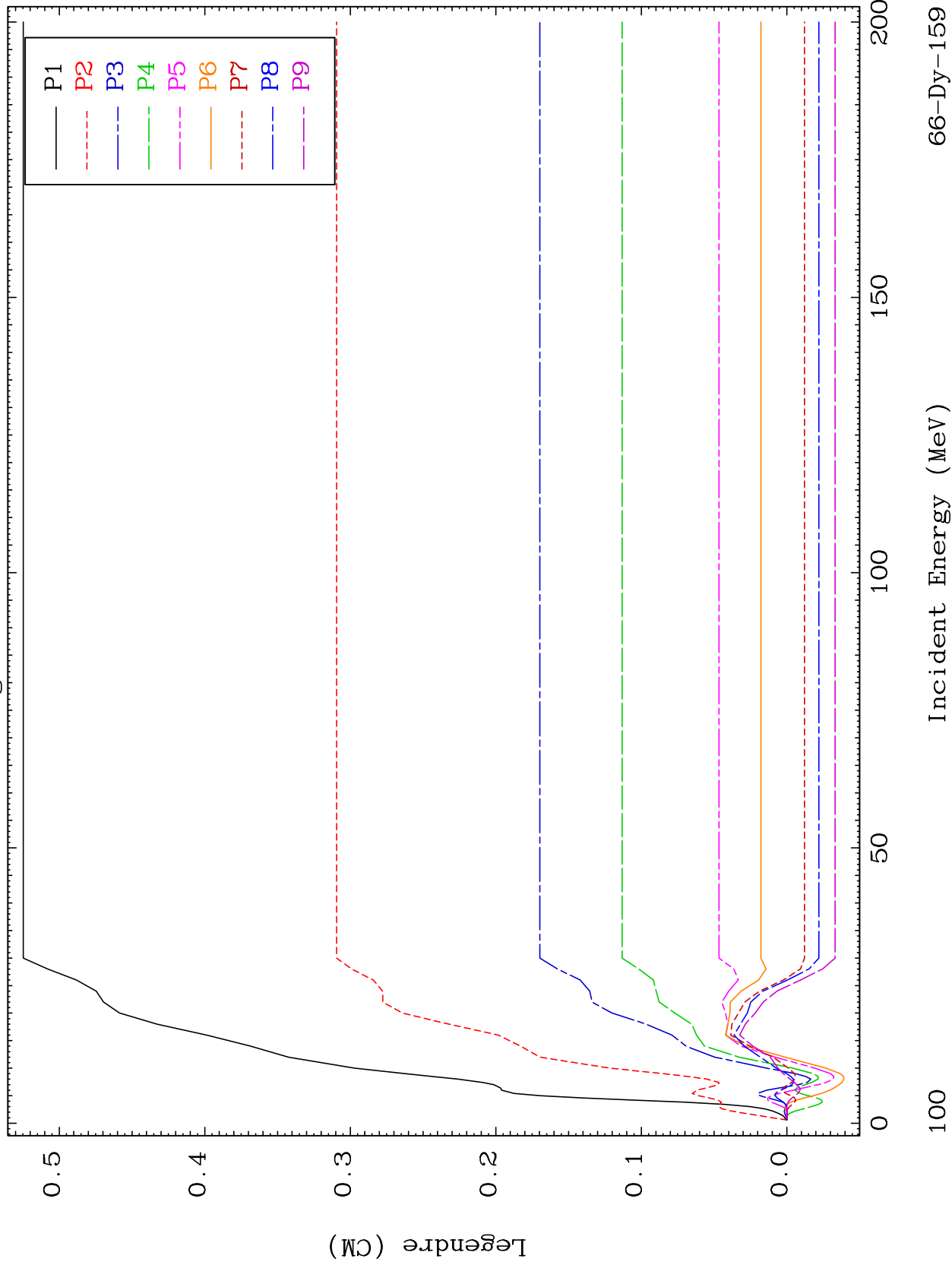
66-Dy-159



MAT 6634

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

66-Dy-159

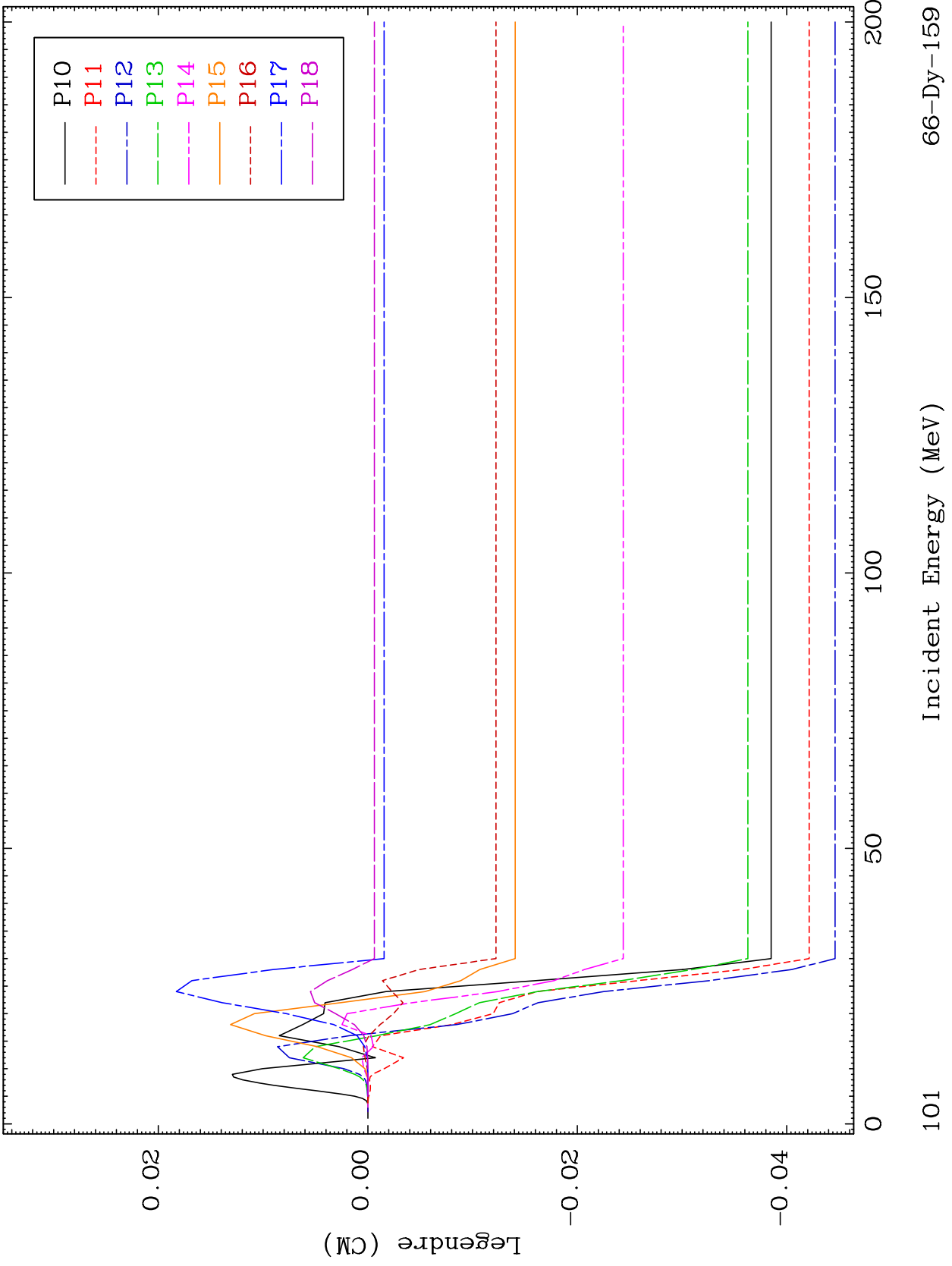


66-Dy-159

MAT 6634

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

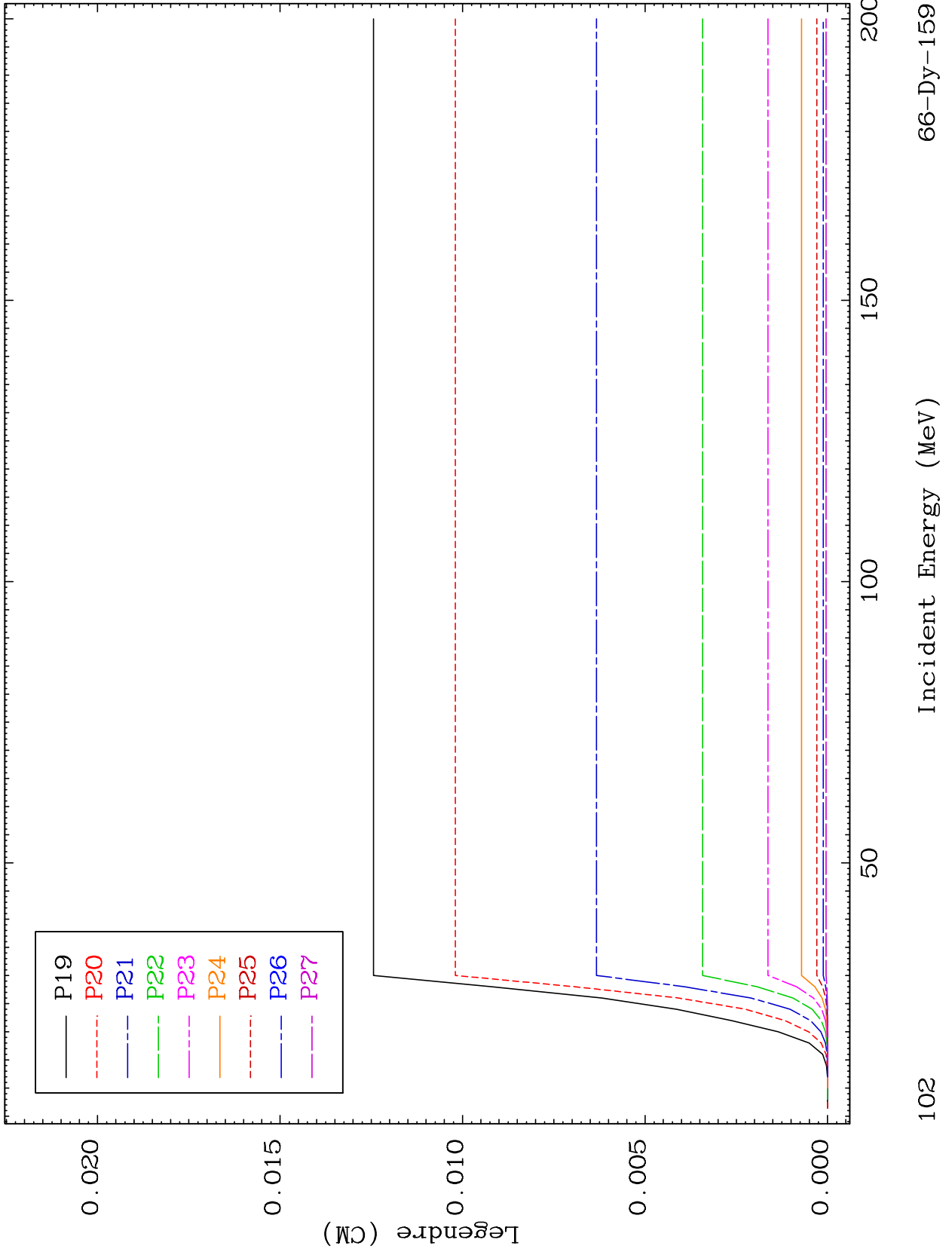
66-Dy-159



MAT 6634

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

66-Dy-159



102

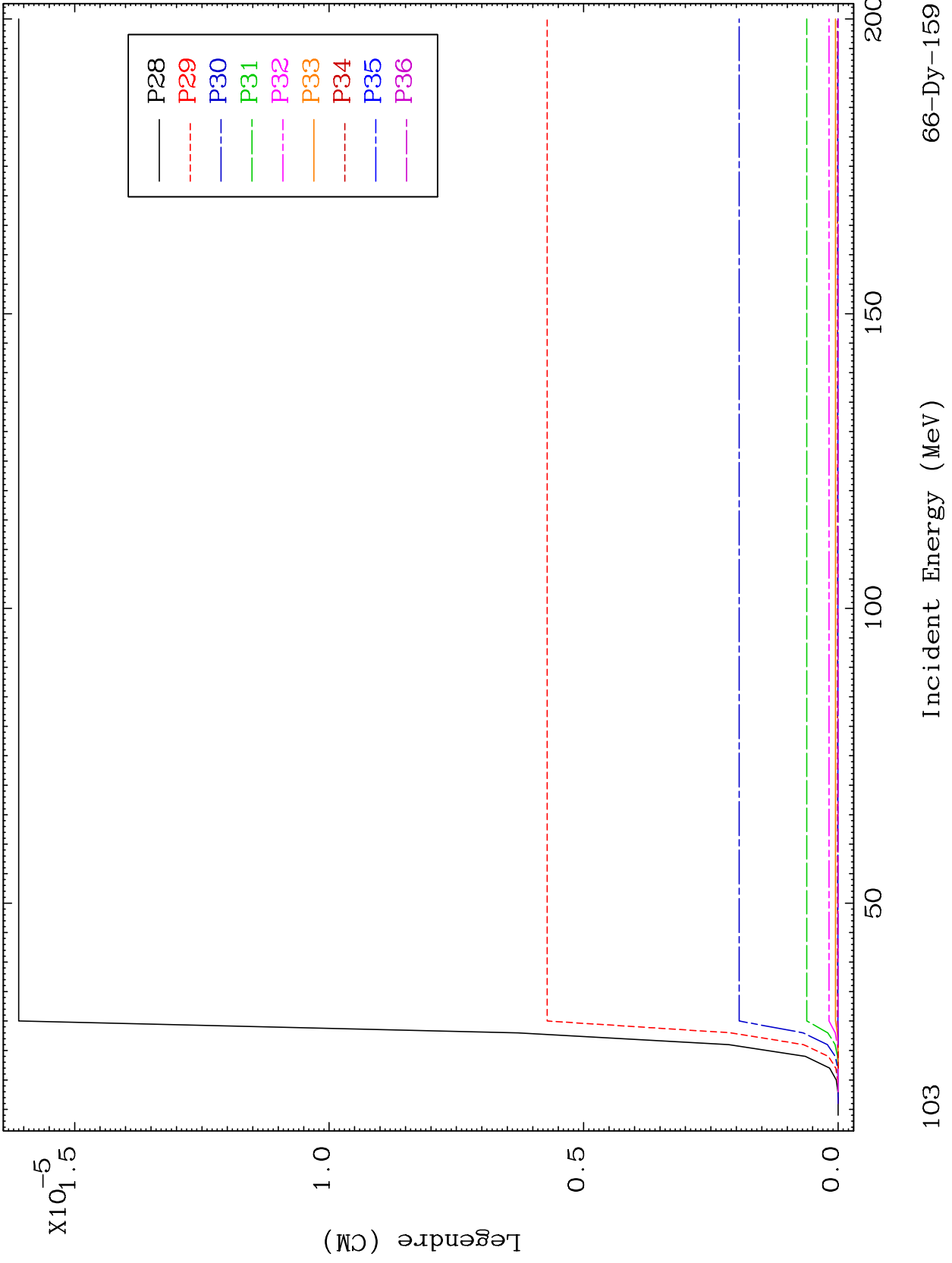
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

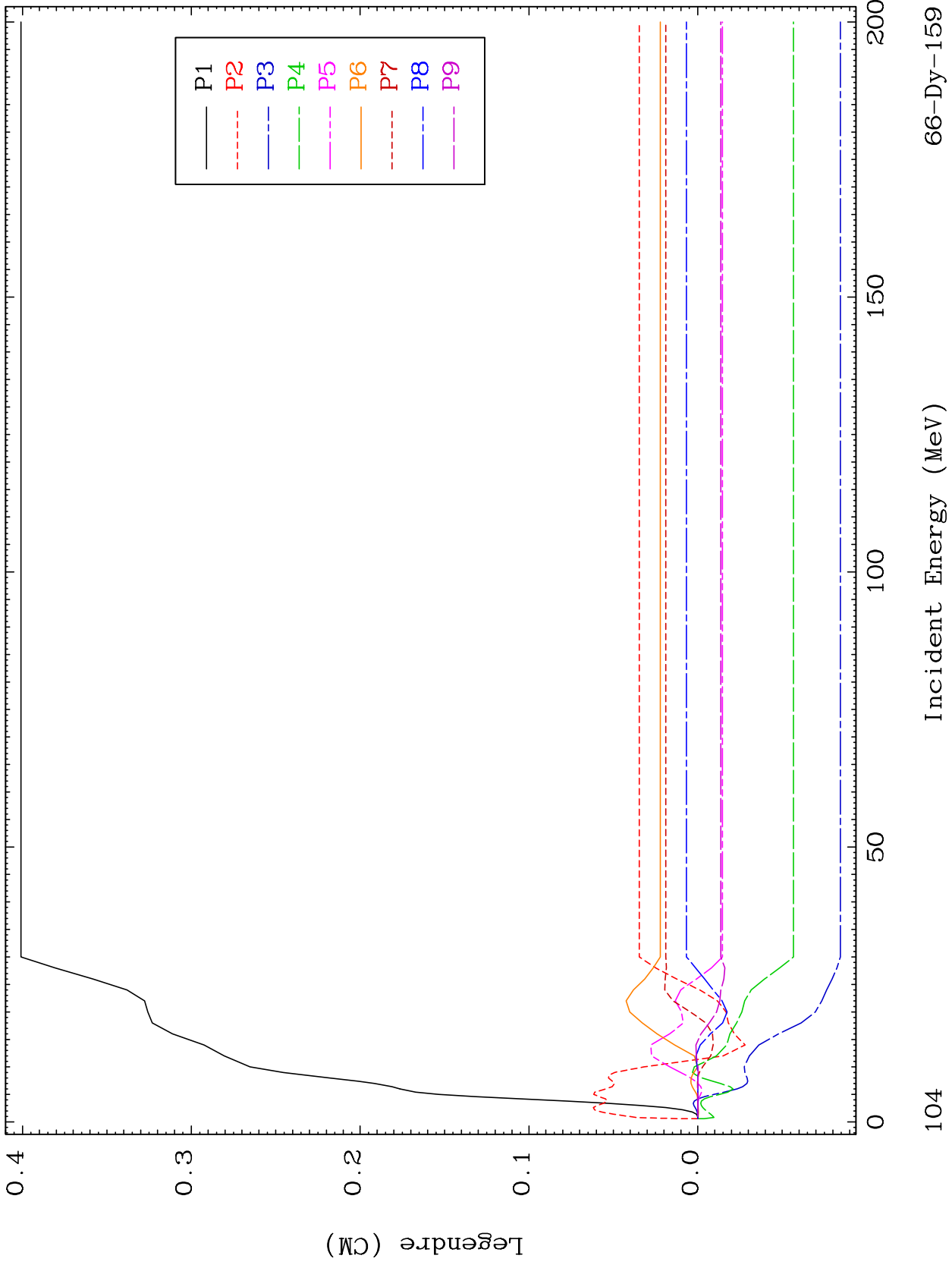
66-Dy-159



MAT 6634

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

66-Dy-159



66-Dy-159

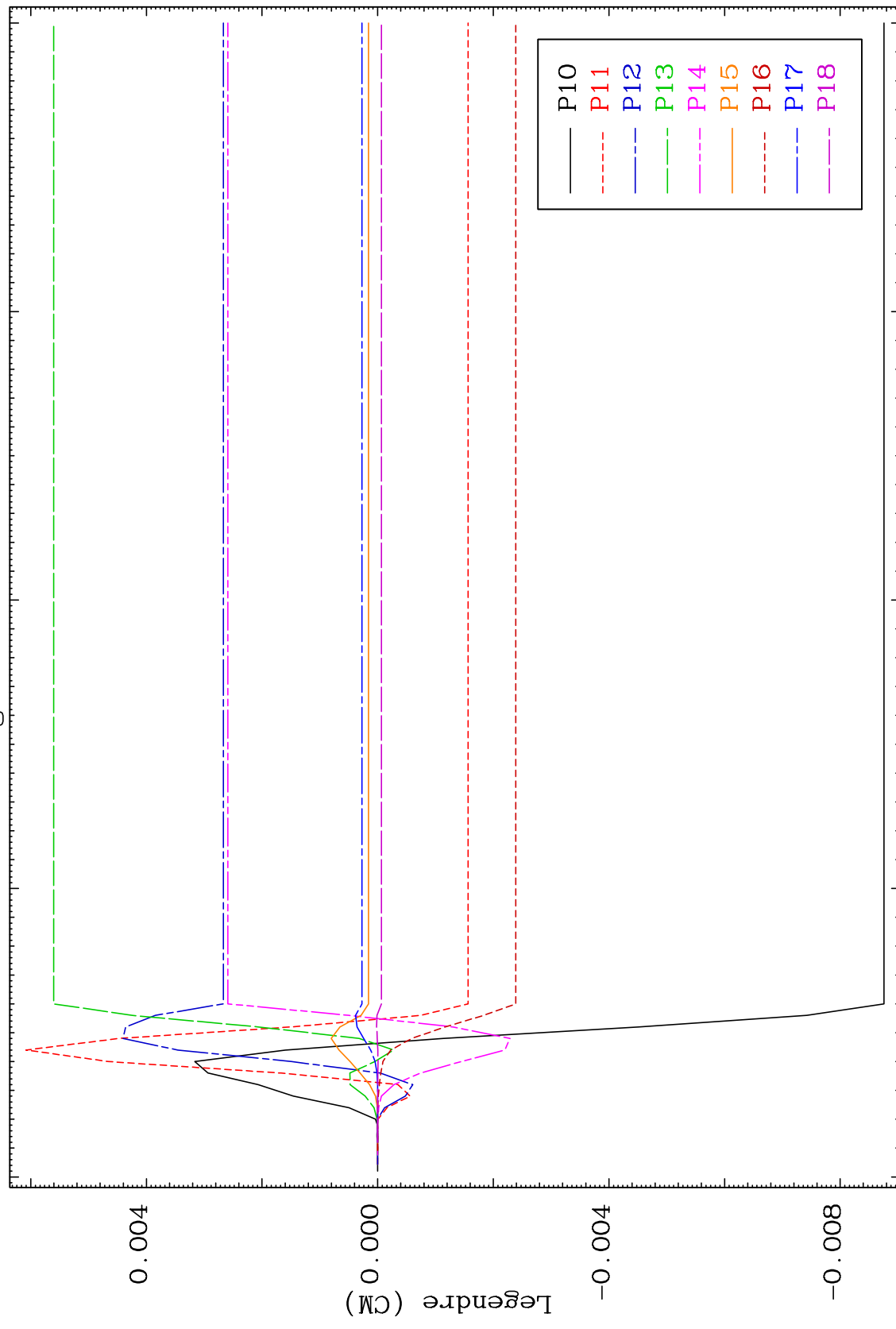
Incident Energy (MeV)

104

MAT 6634

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

66-Dy-159



105

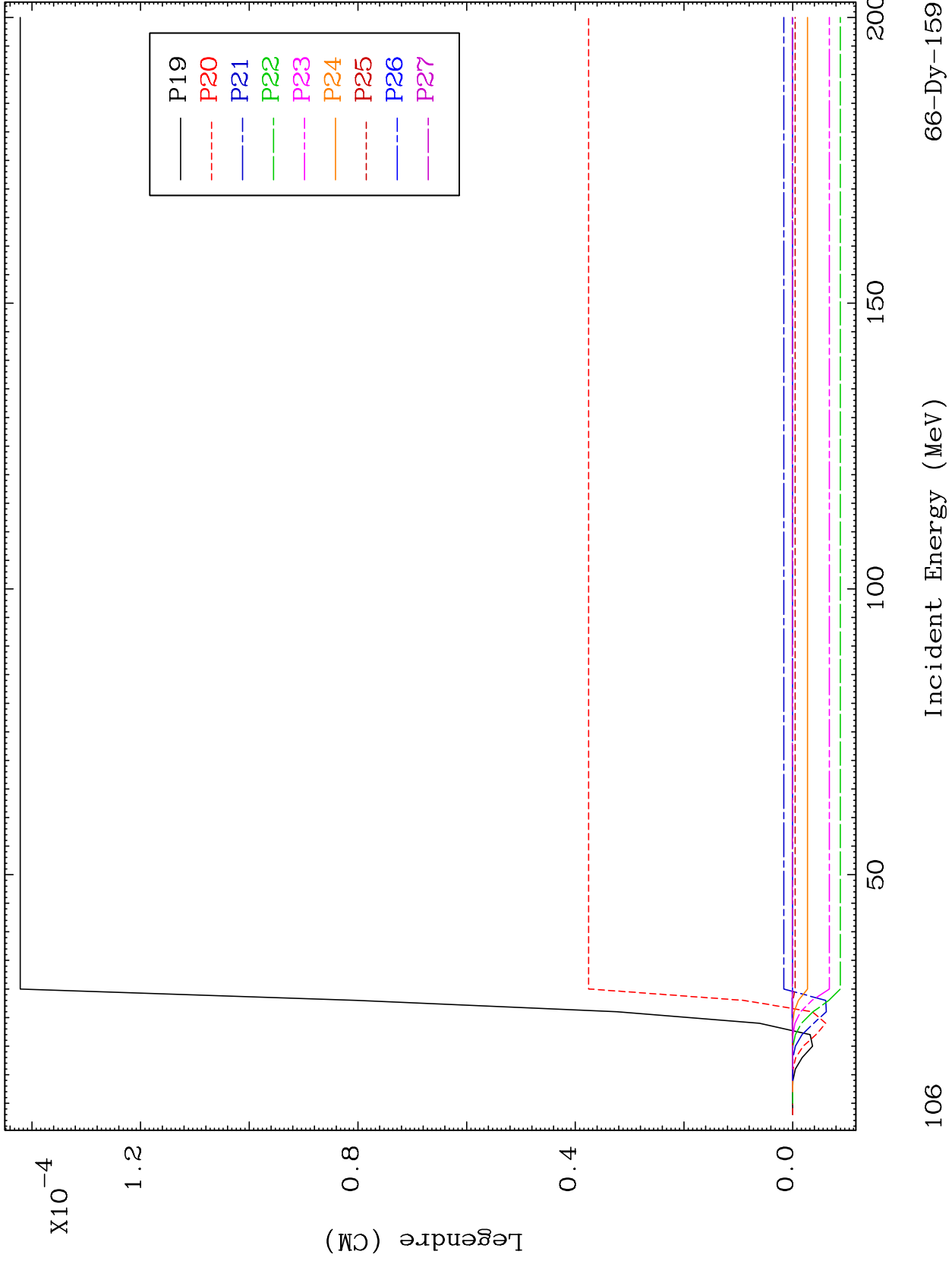
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159

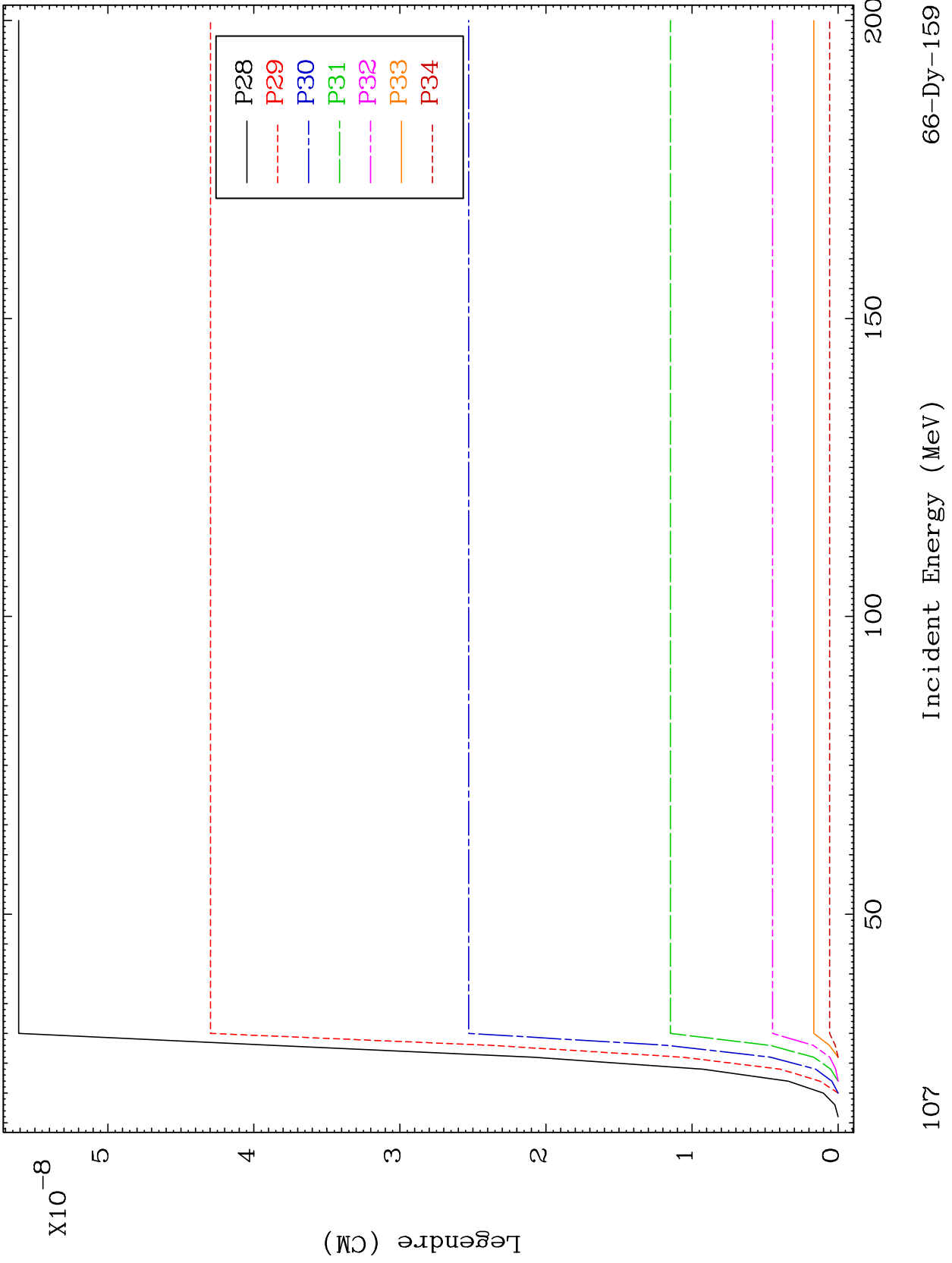


106

MAT 6634

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

66-Dy-159



107

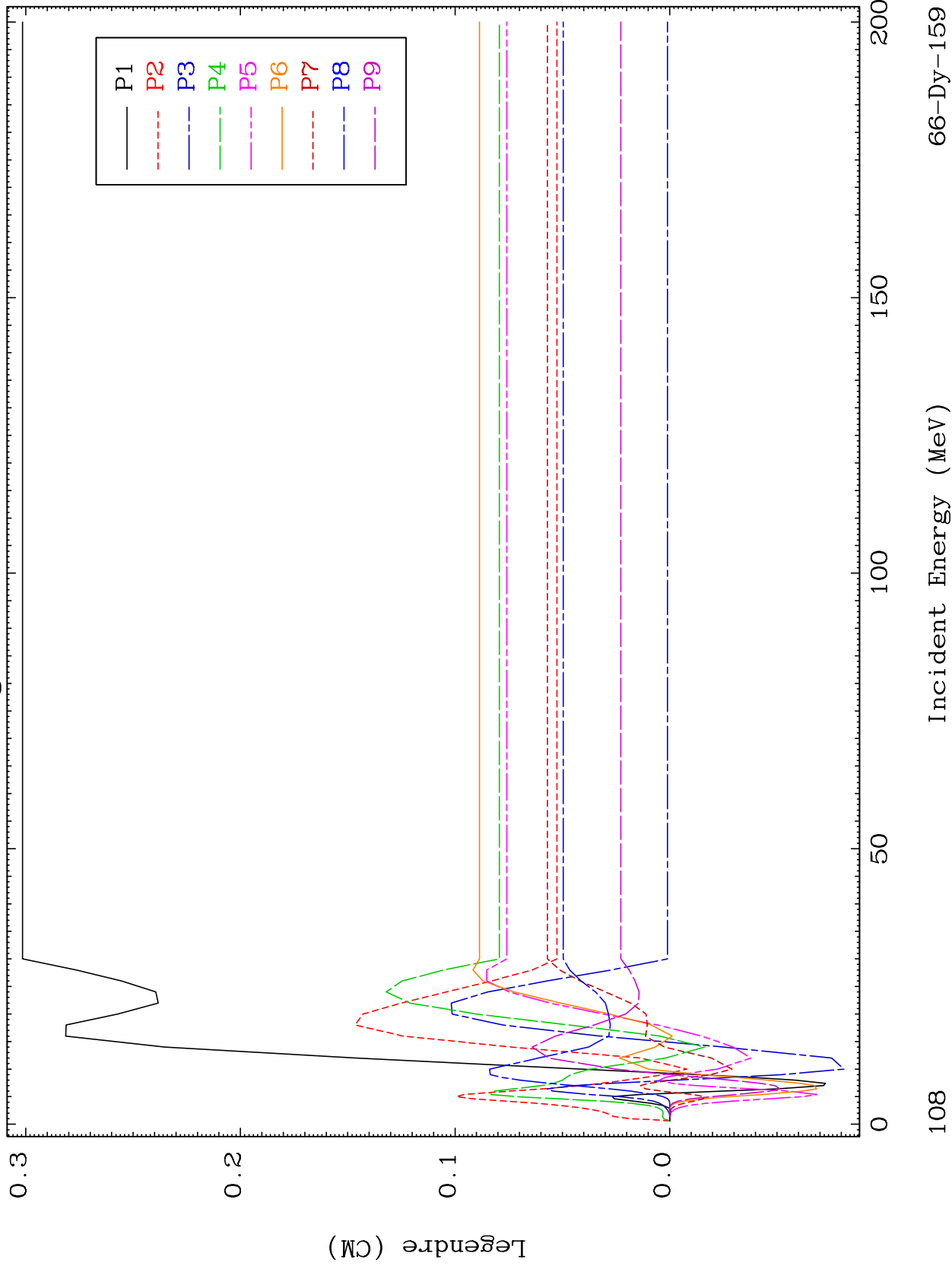
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



66-Dy-159

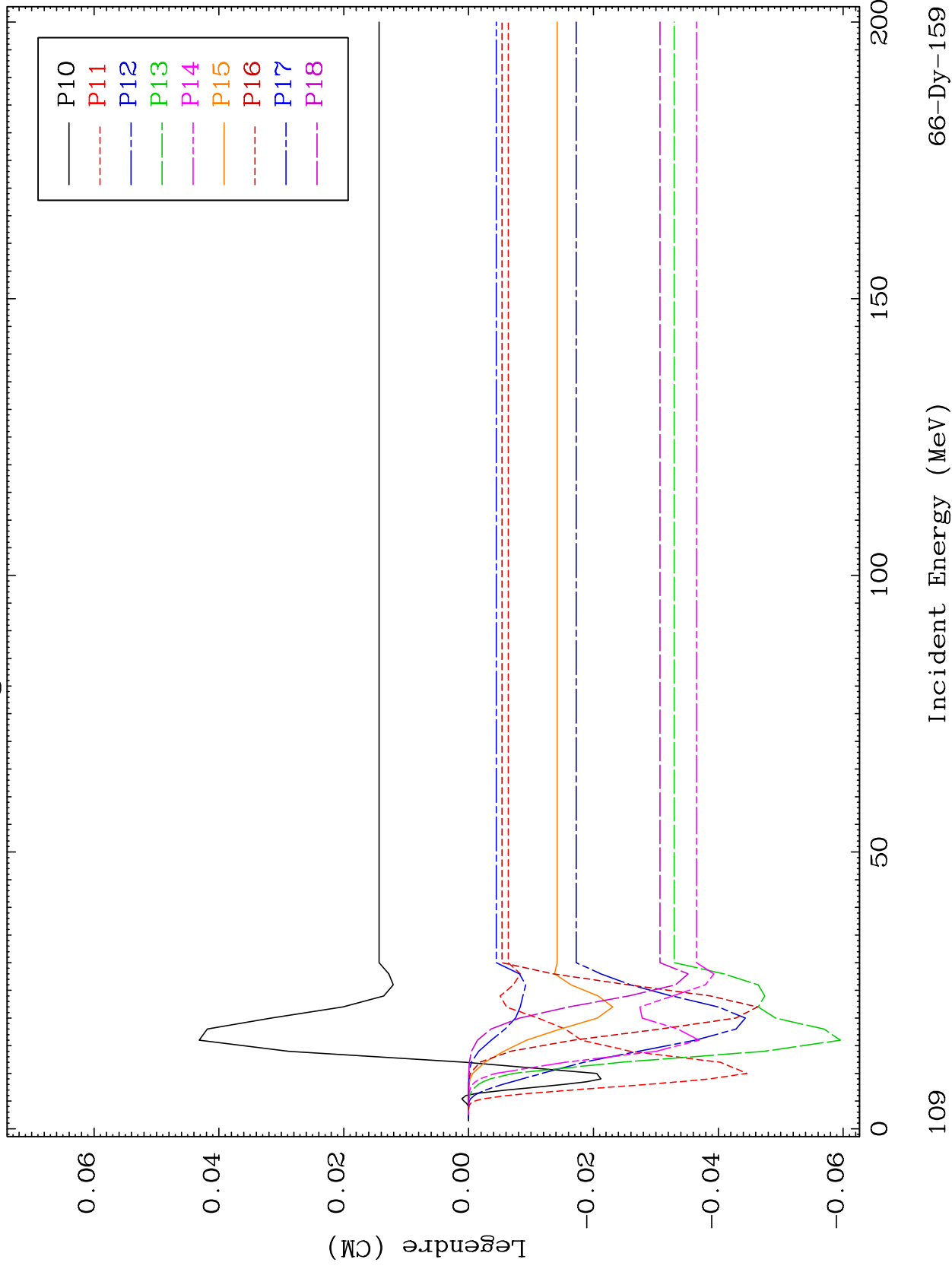
Incident Energy (MeV)

108

MAT 6634

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

66-Dy-159



109

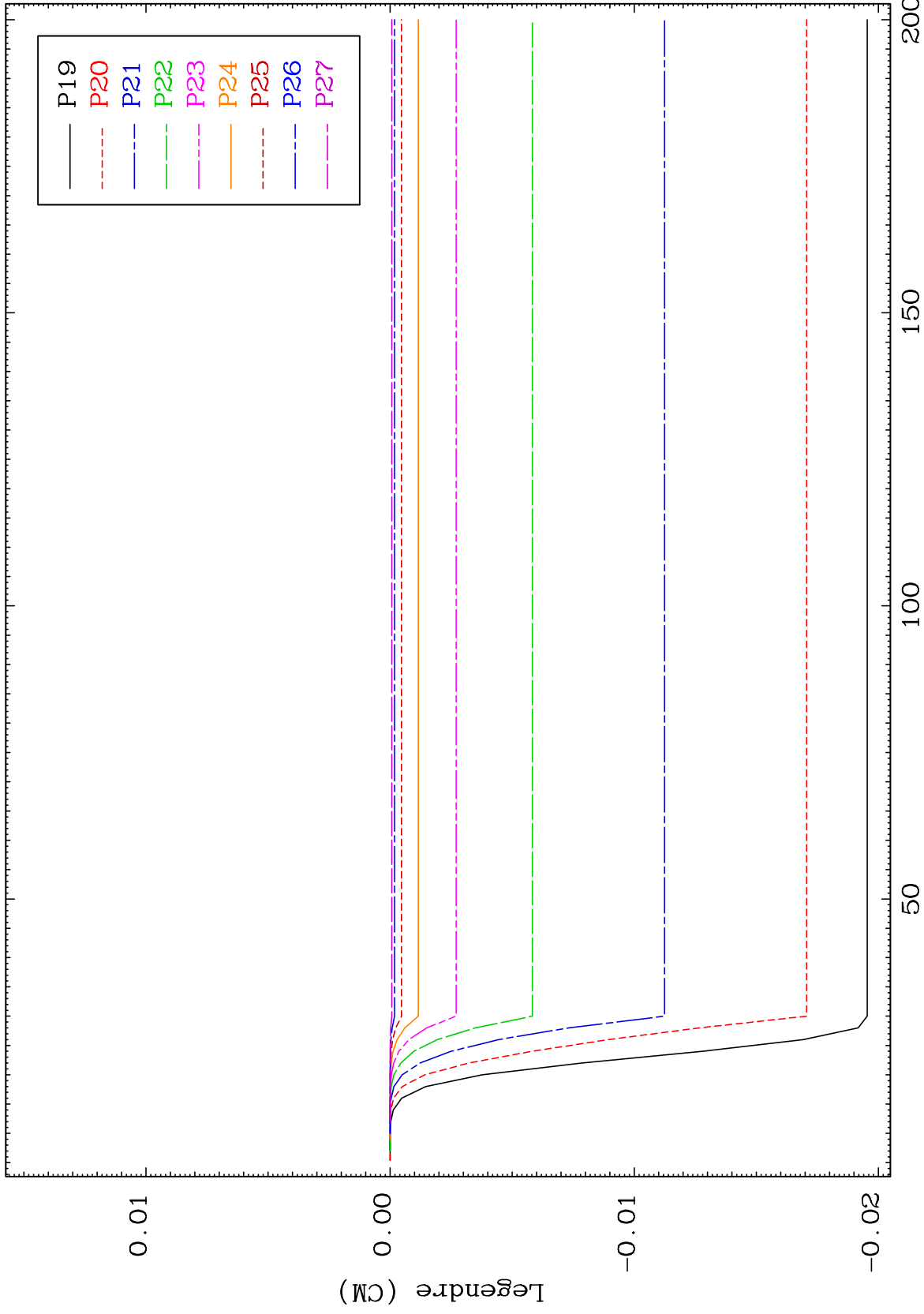
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

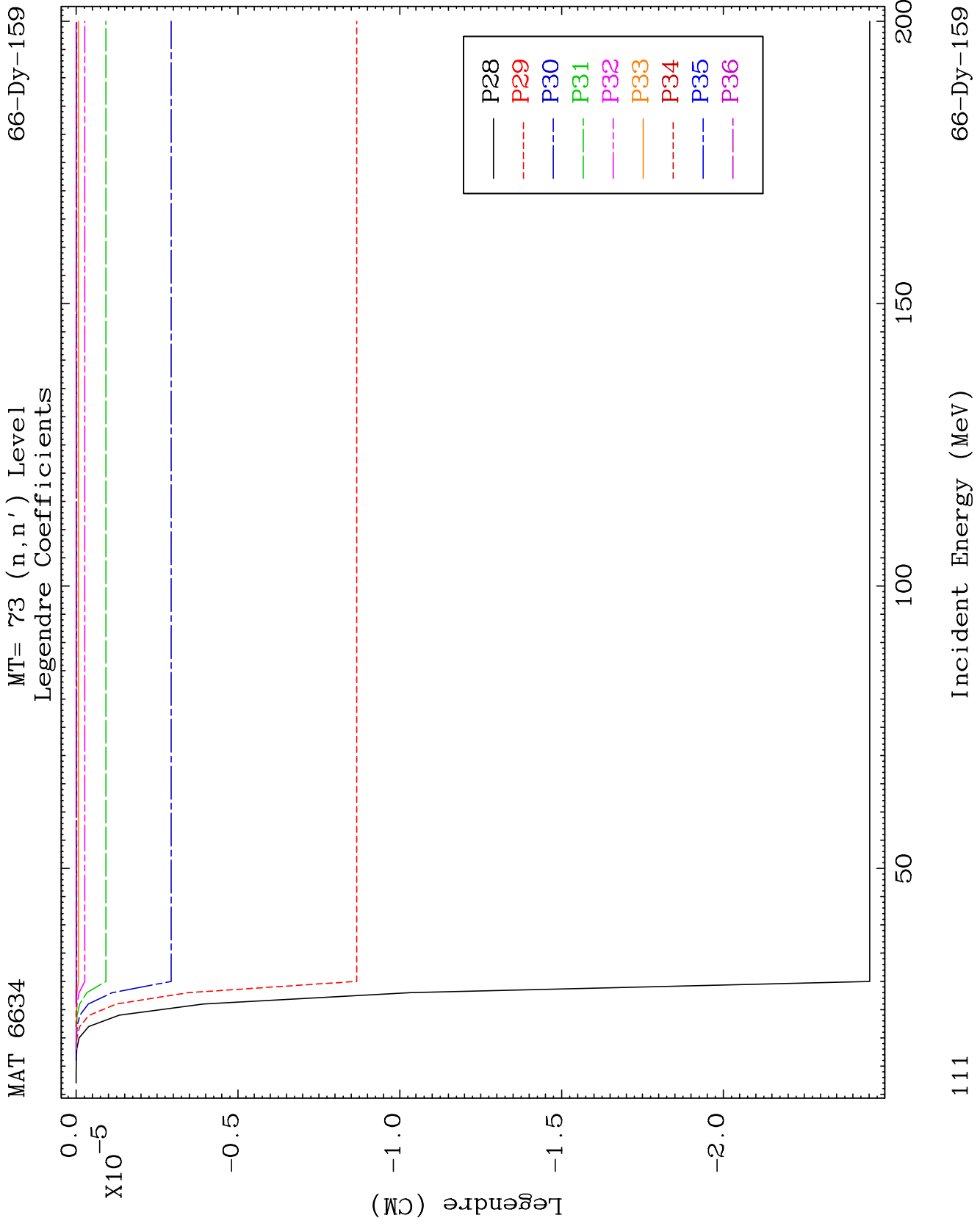
66-Dy-159



110

Incident Energy (MeV)

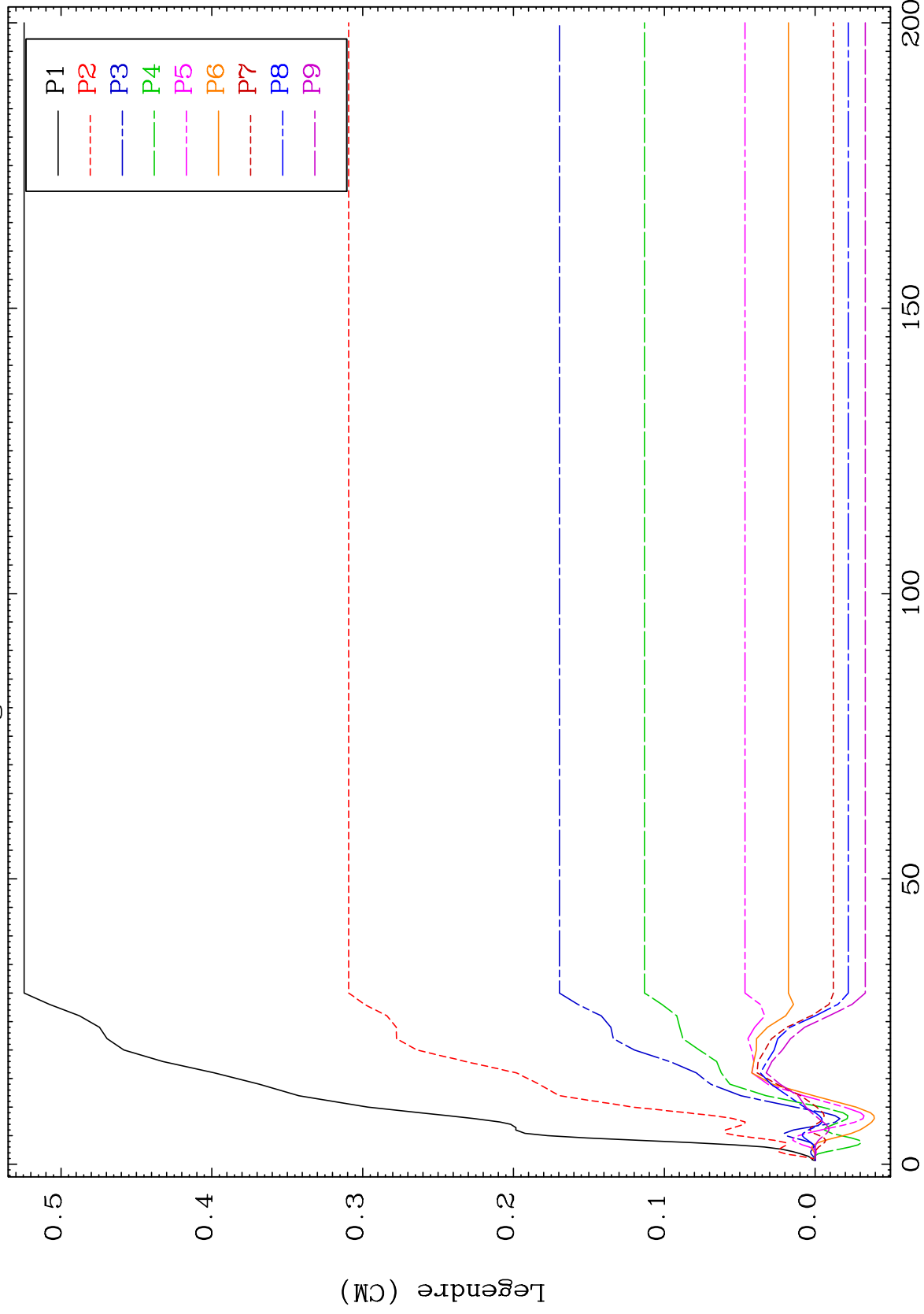
66-Dy-159



MAT 6634

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

66-Dy-159



112

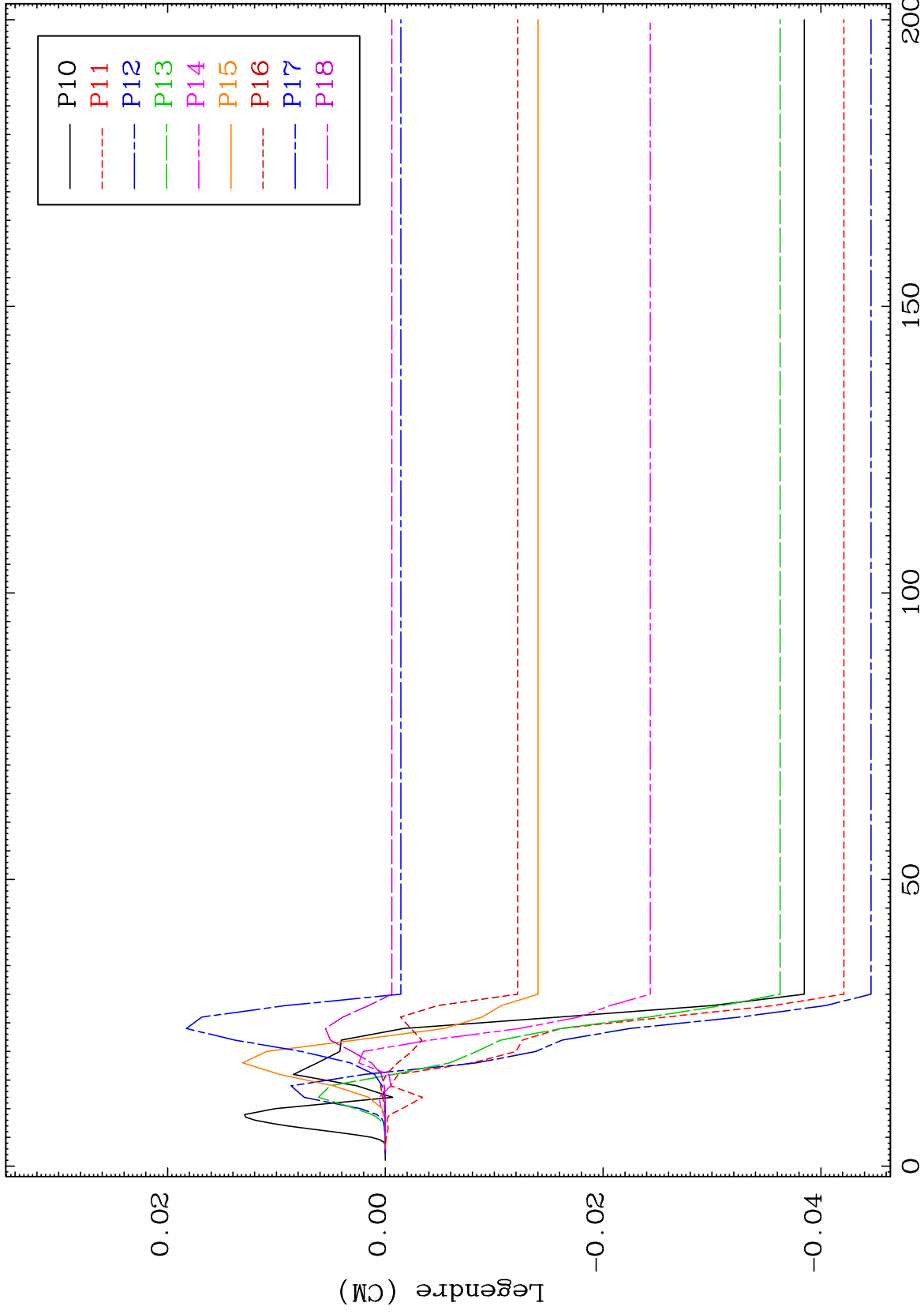
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



113

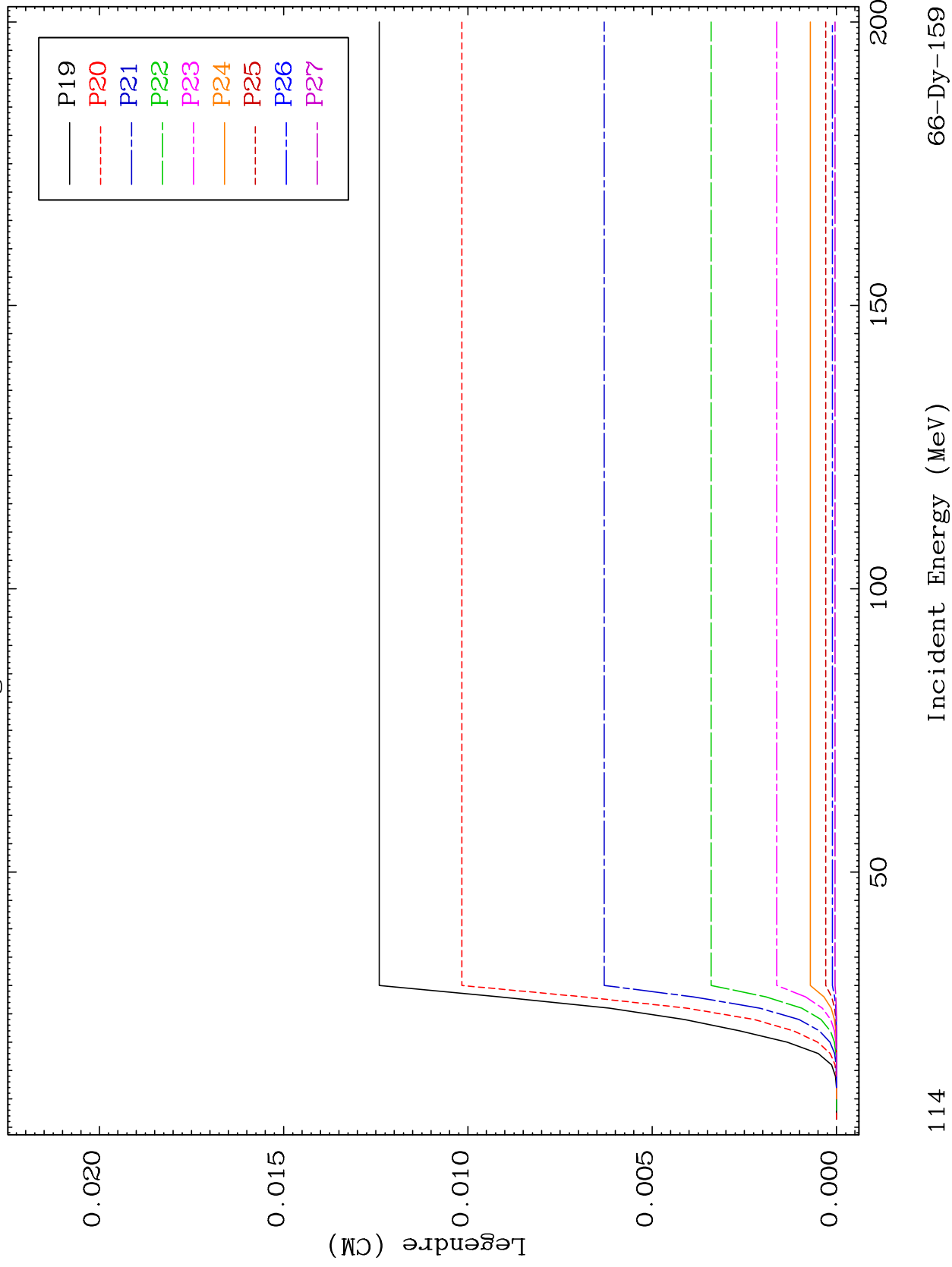
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



114

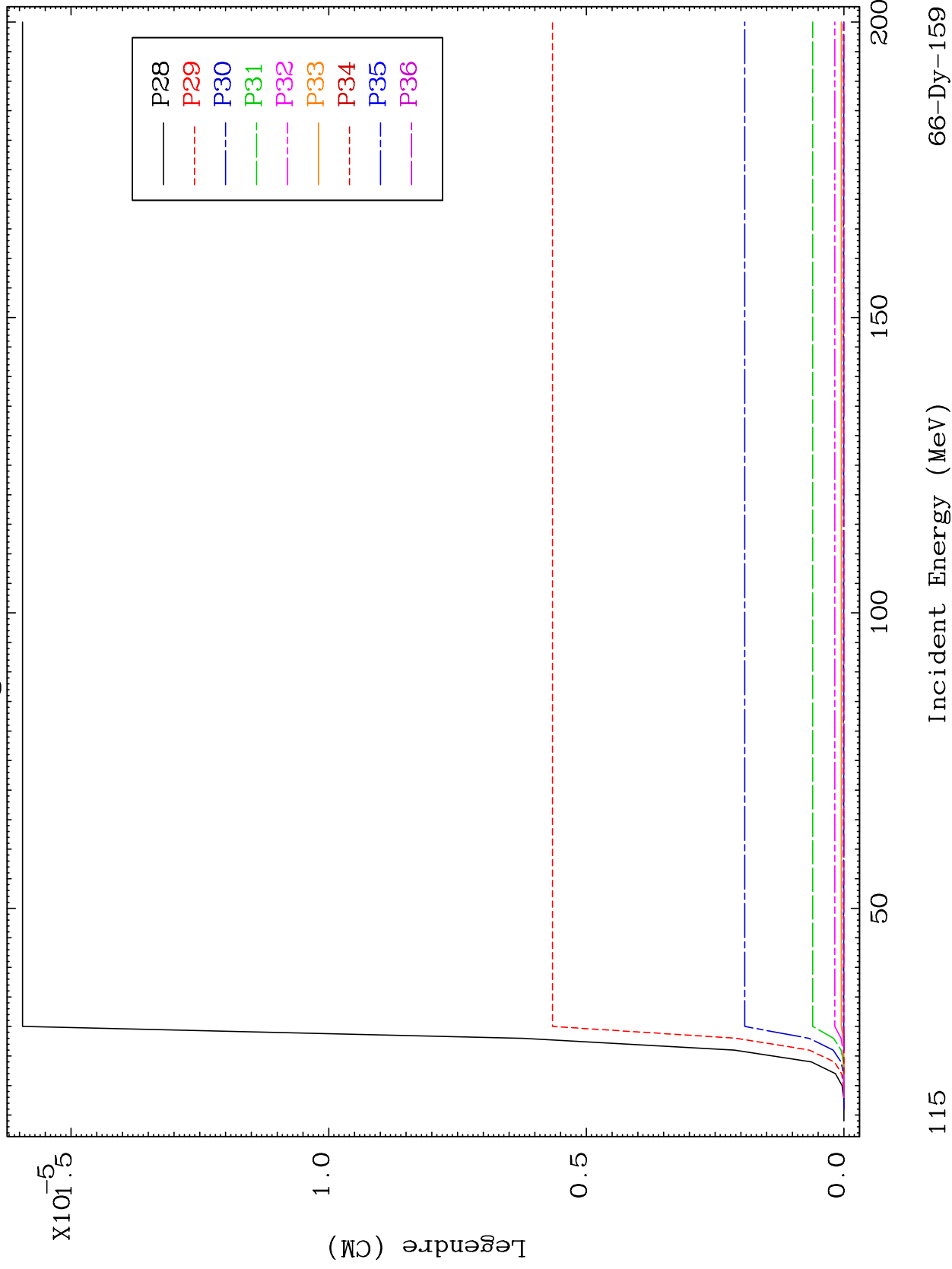
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



115

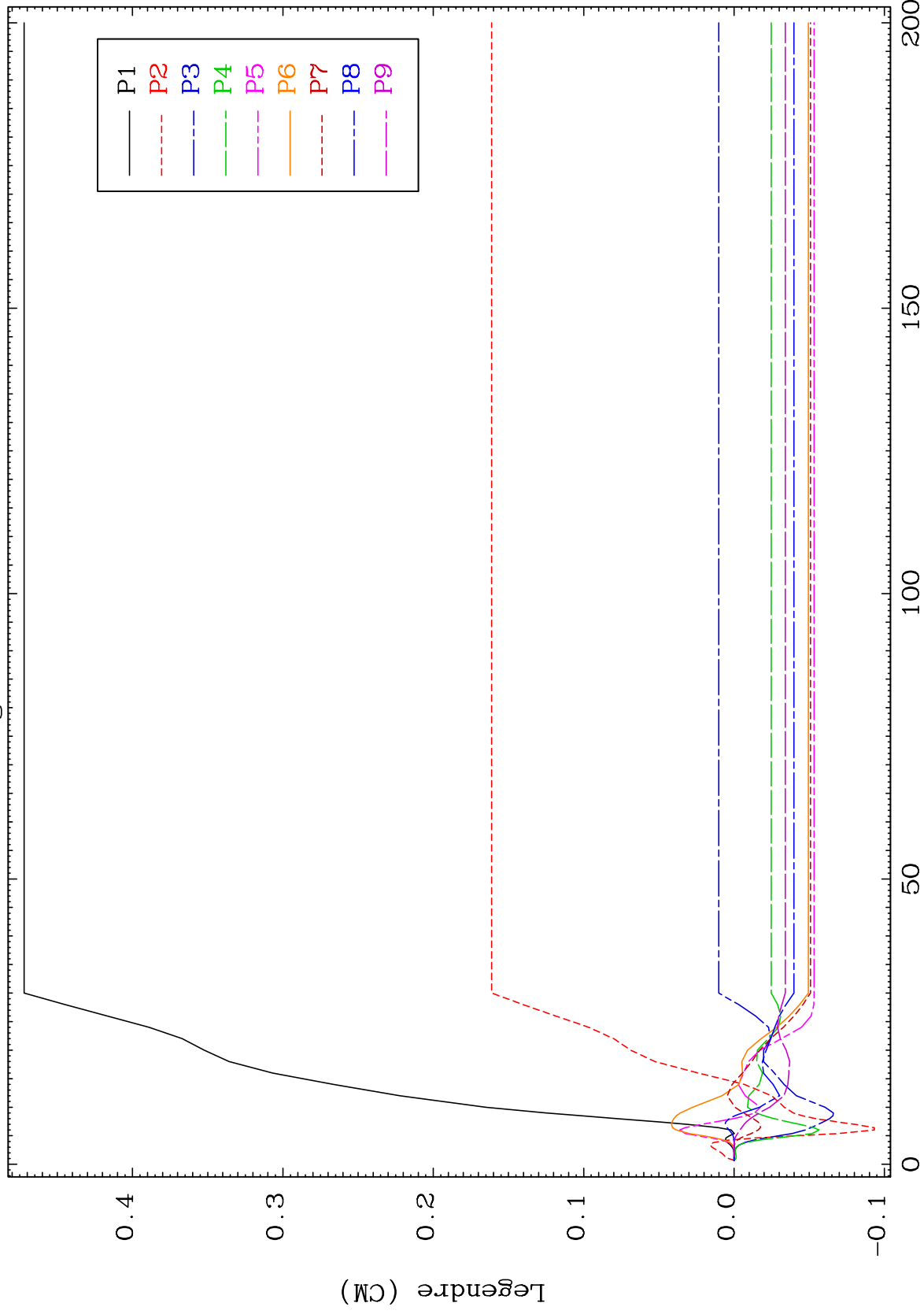
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



116

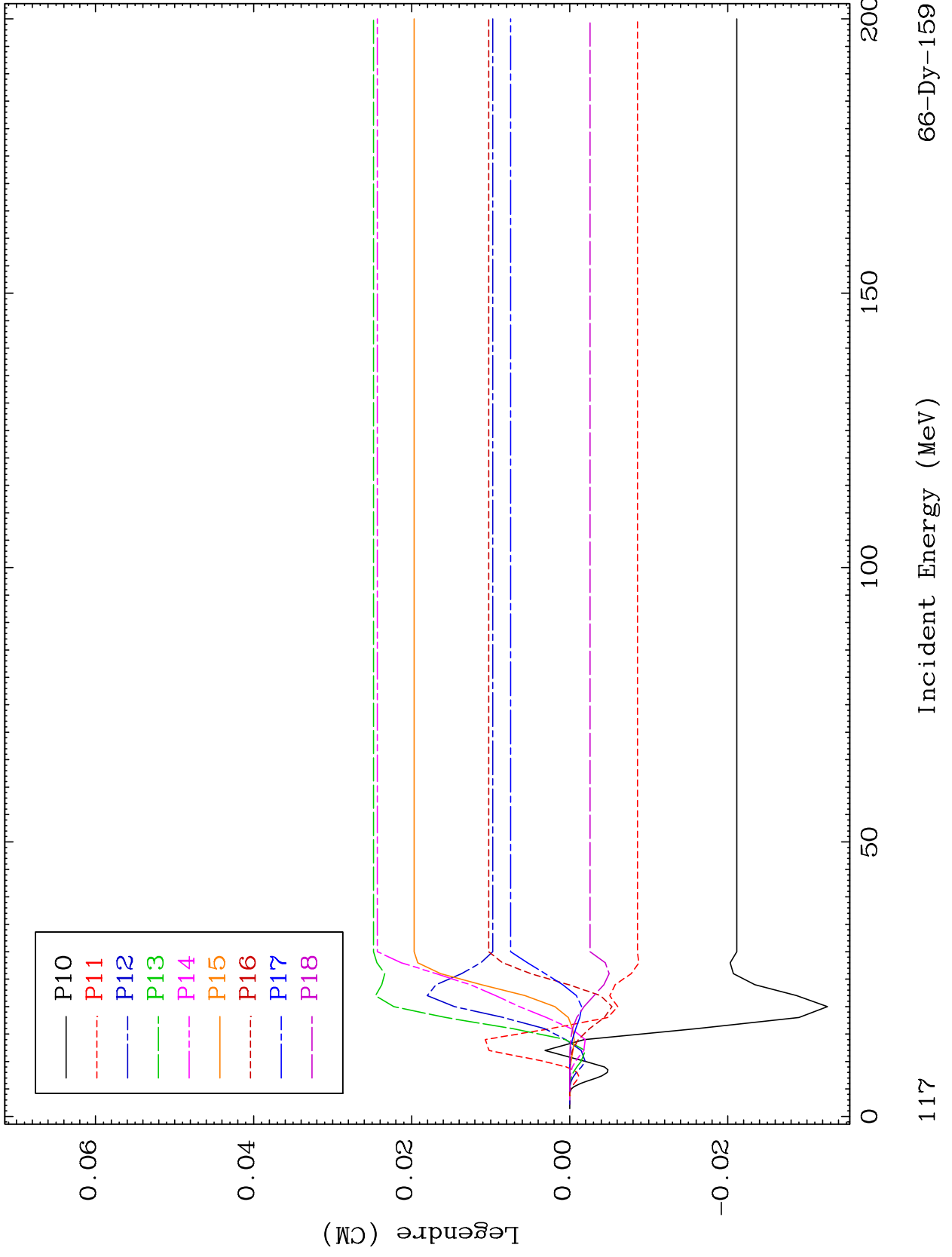
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

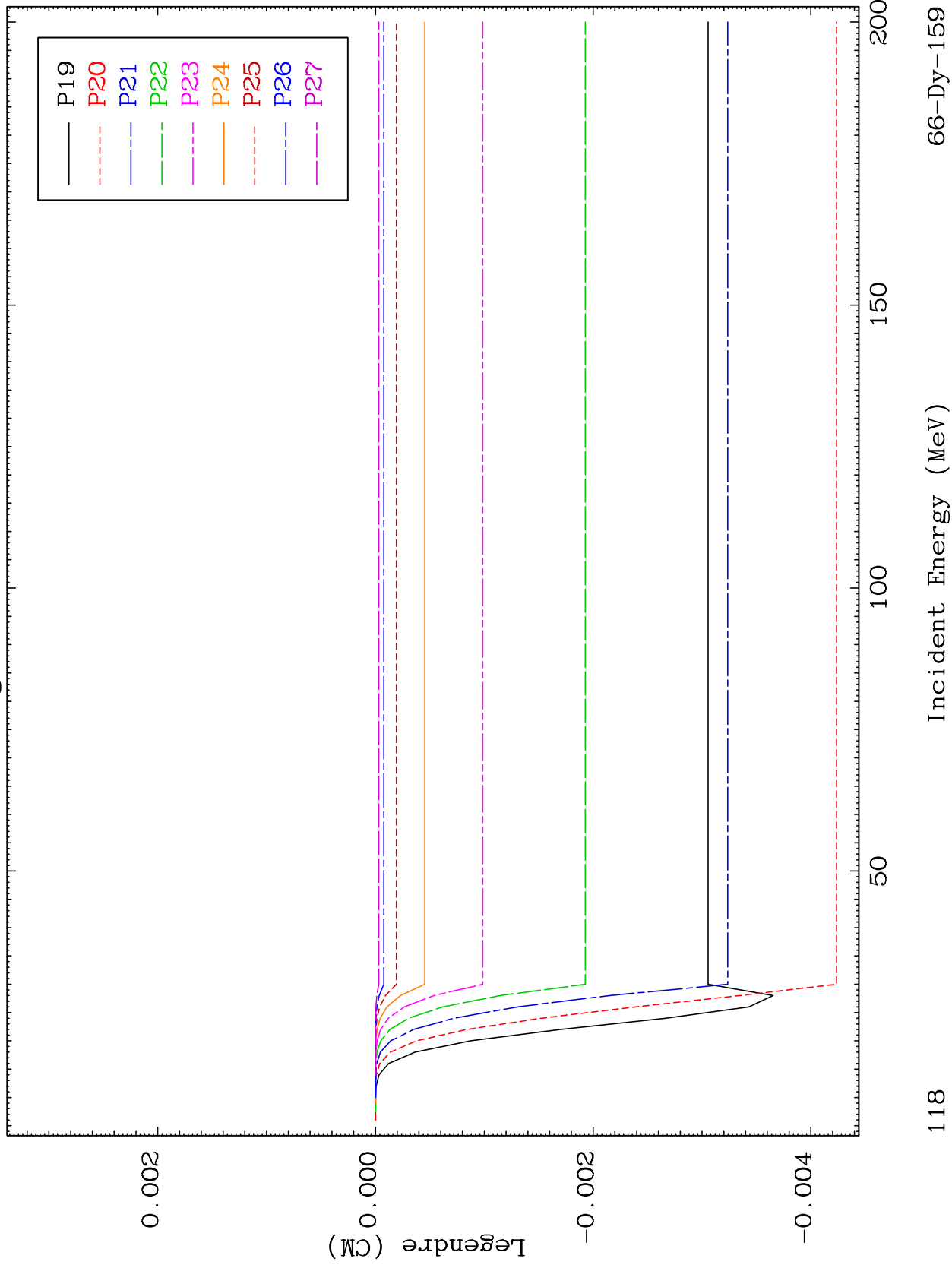
66-Dy-159



MAT 6634

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

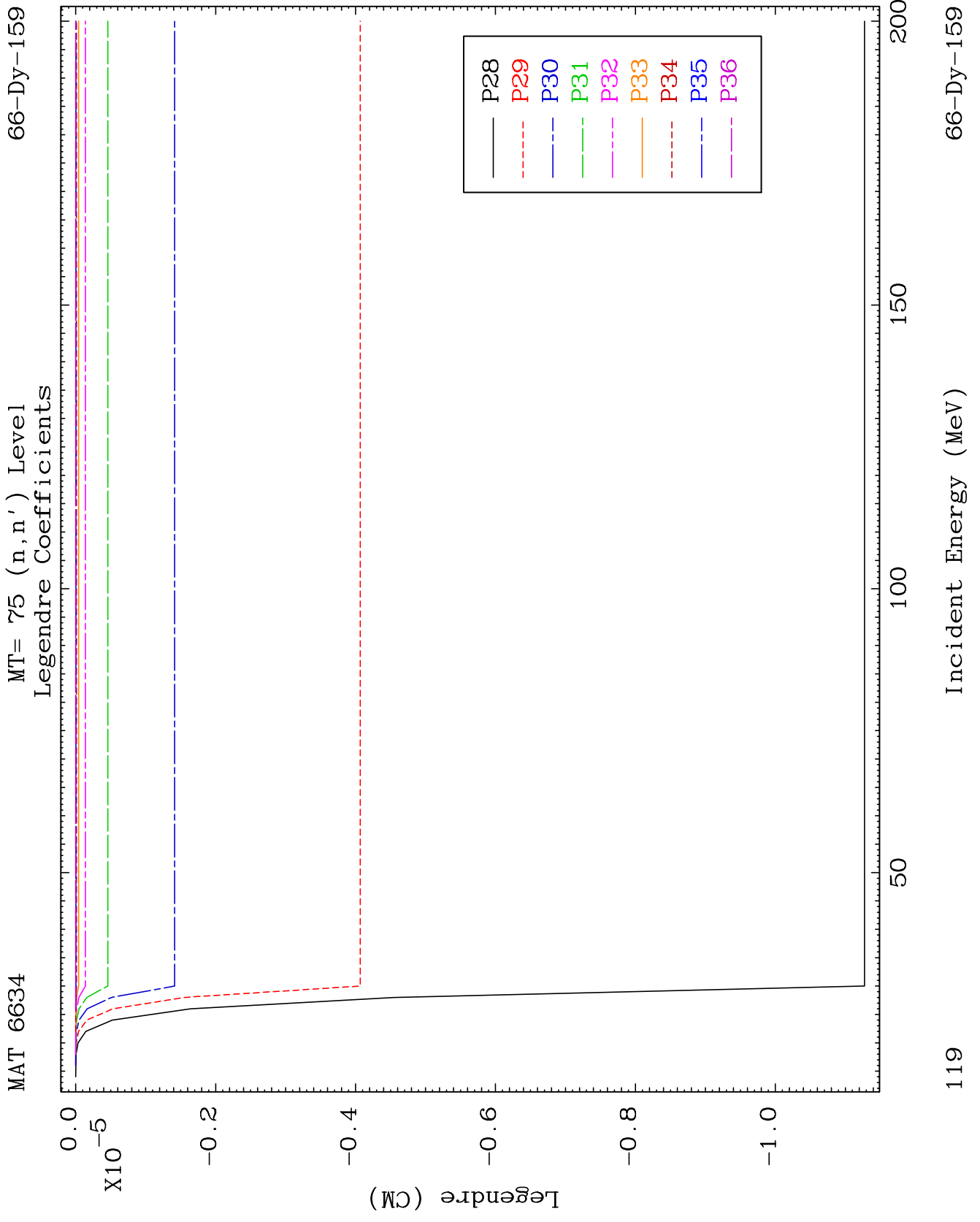
66-Dy-159



118

Incident Energy (MeV)

66-Dy-159

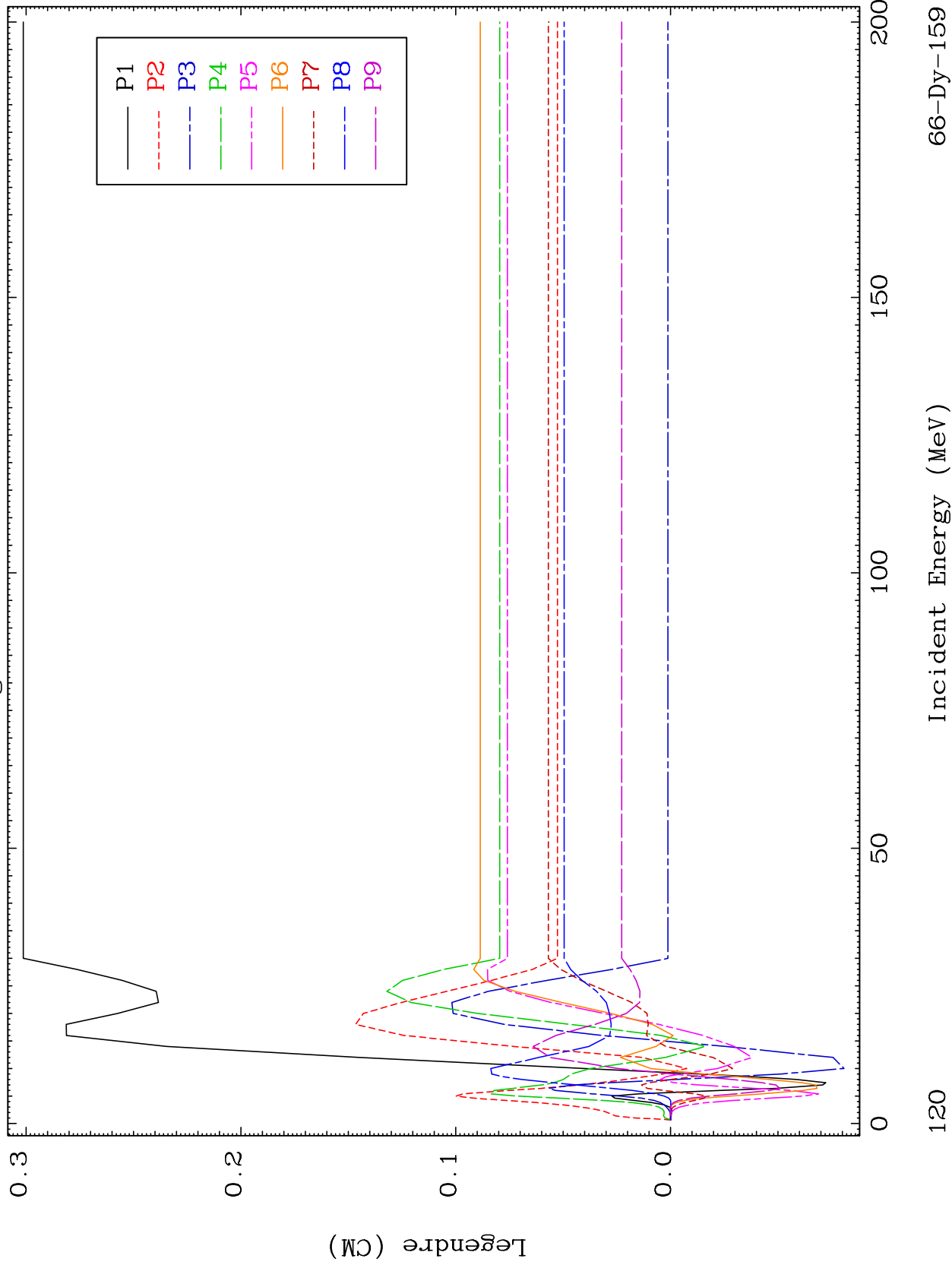


MAT 6634

MT= 76 (n,n') Level

66-Dy-159

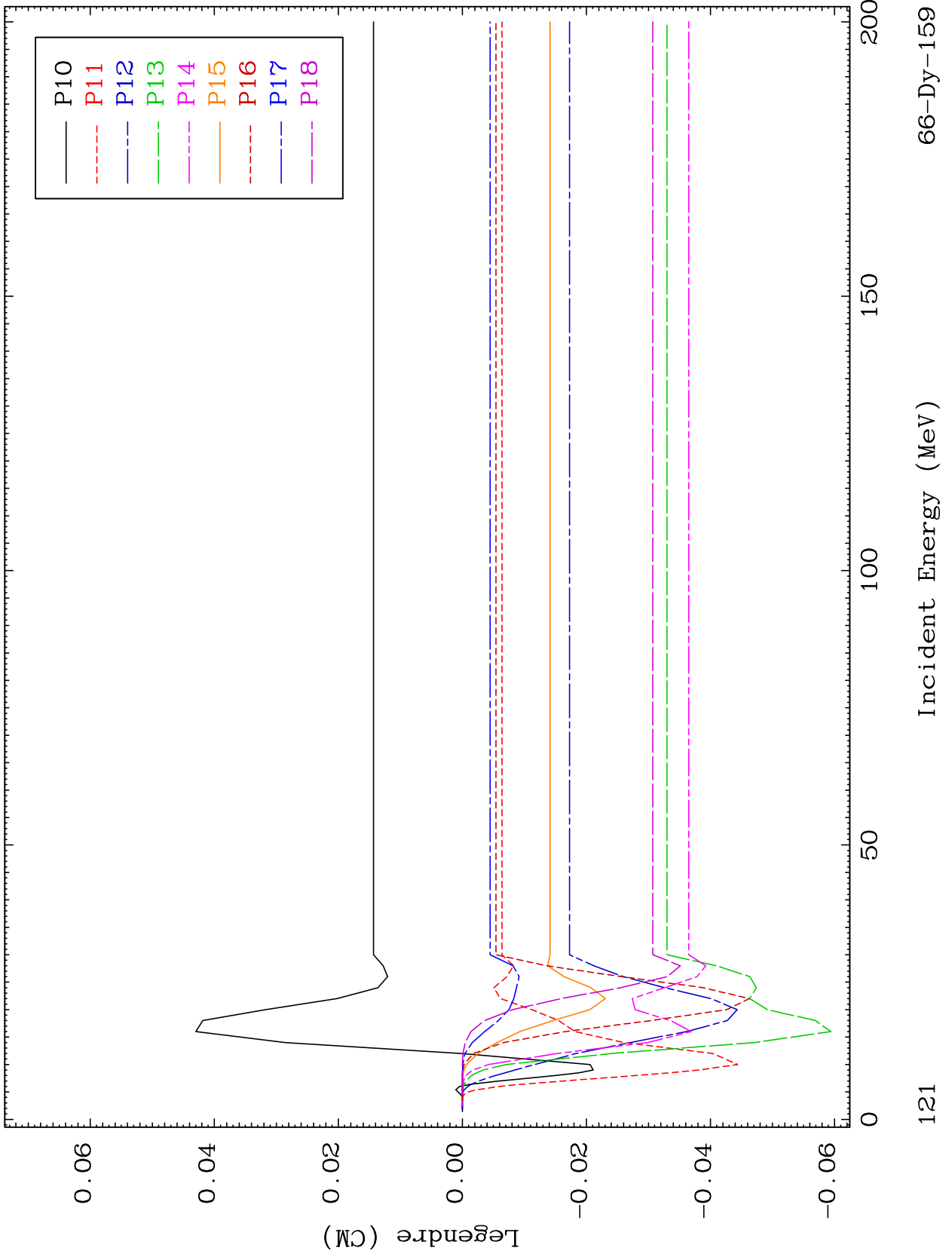
Legendre Coefficients



MAT 6634

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

66-Dy-159



121

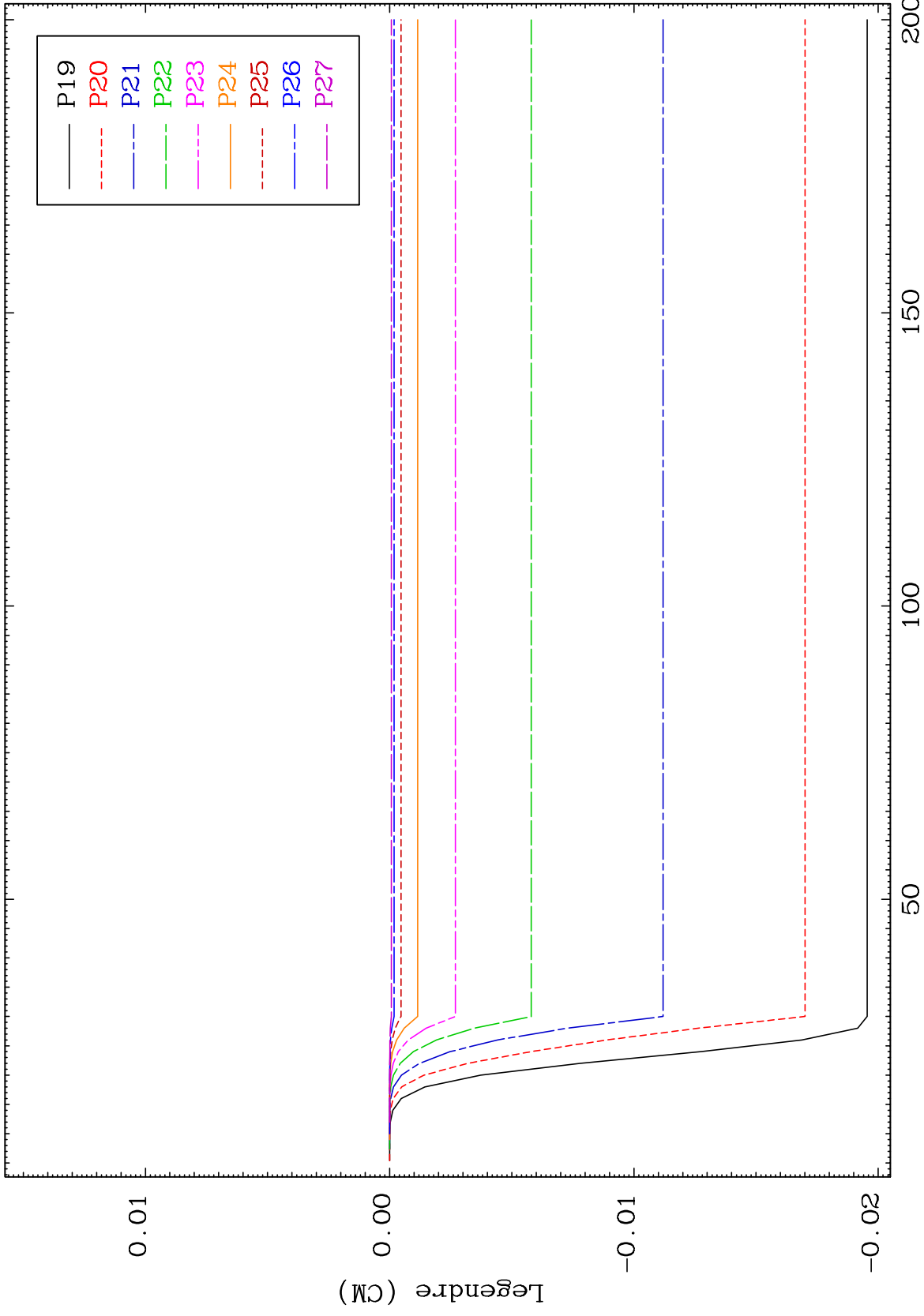
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

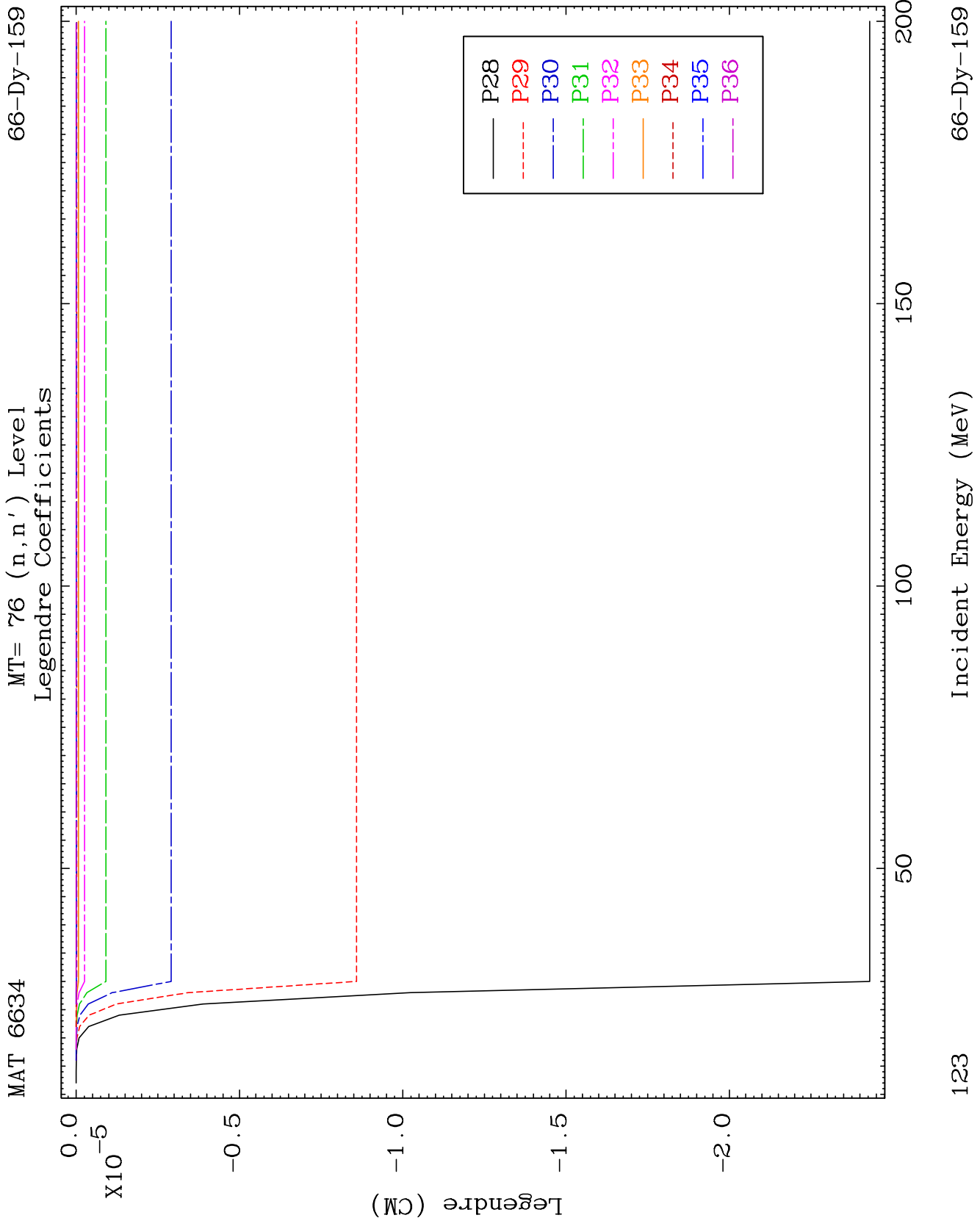
66-Dy-159



122

Incident Energy (MeV)

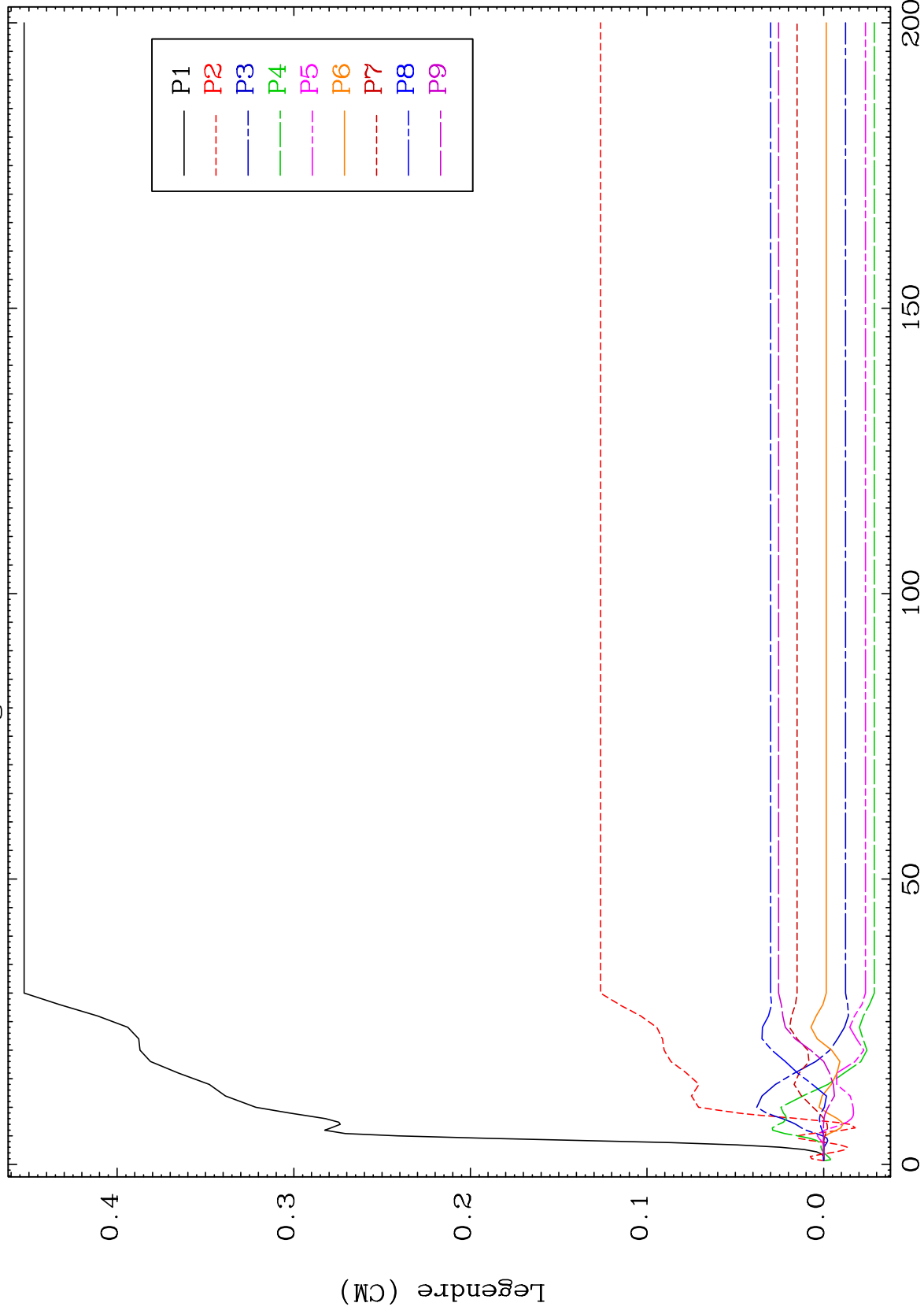
66-Dy-159



MAT 6634

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

66-Dy-159



66-Dy-159

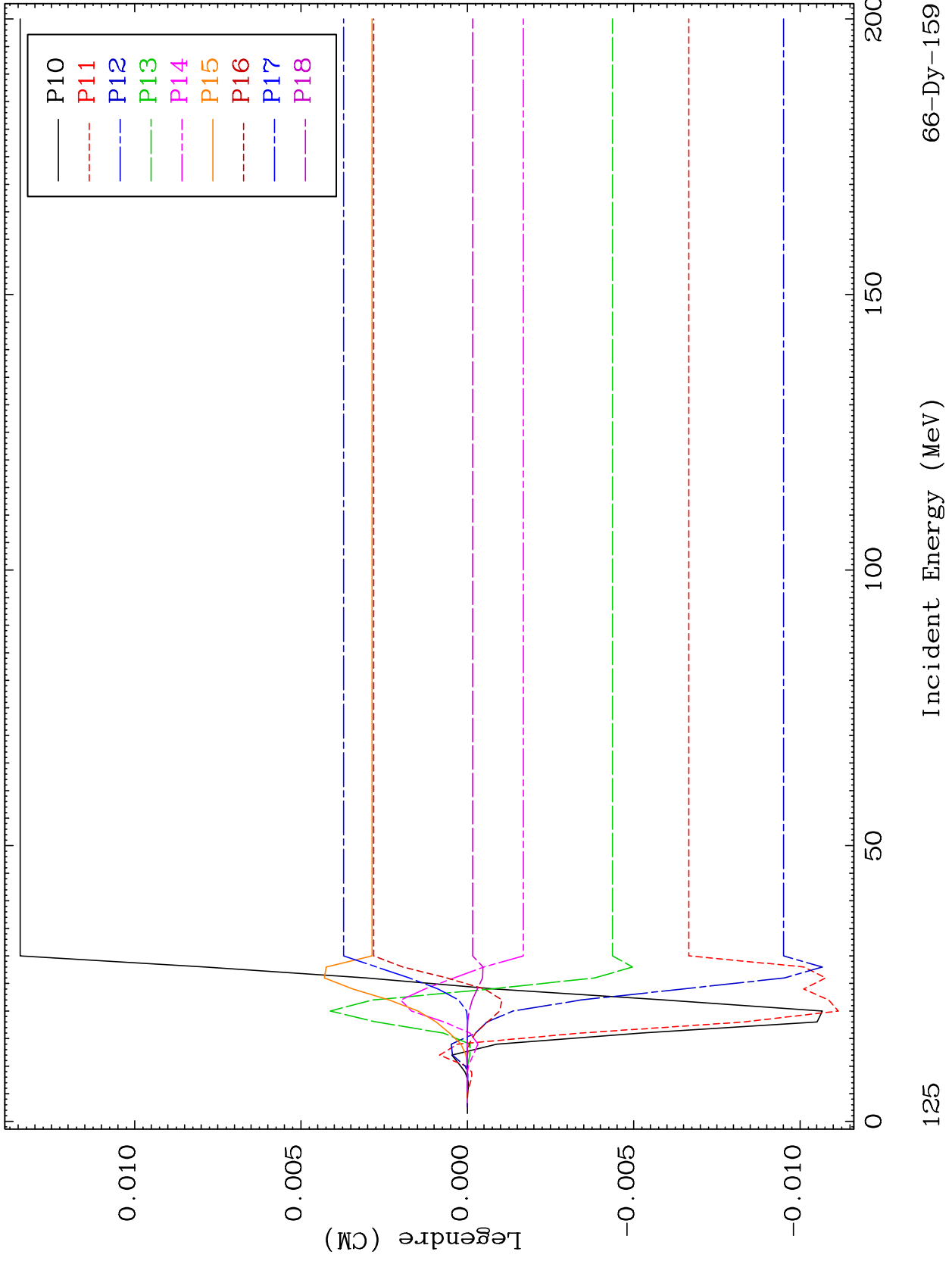
Incident Energy (MeV)

124

MAT 6634

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

66-Dy-159



66-Dy-159

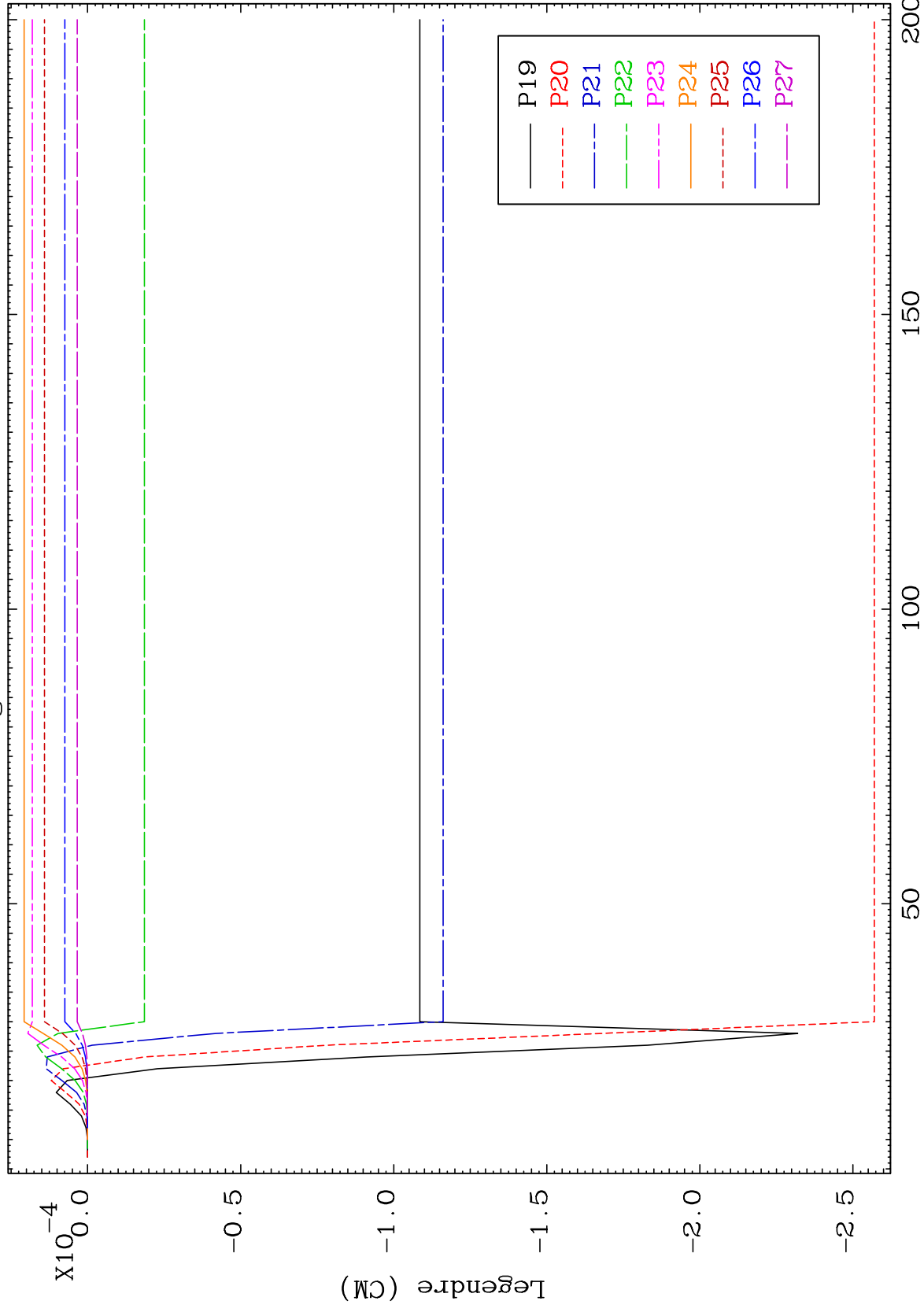
Incident Energy (MeV)

125

MAT 6634

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

66-Dy-159



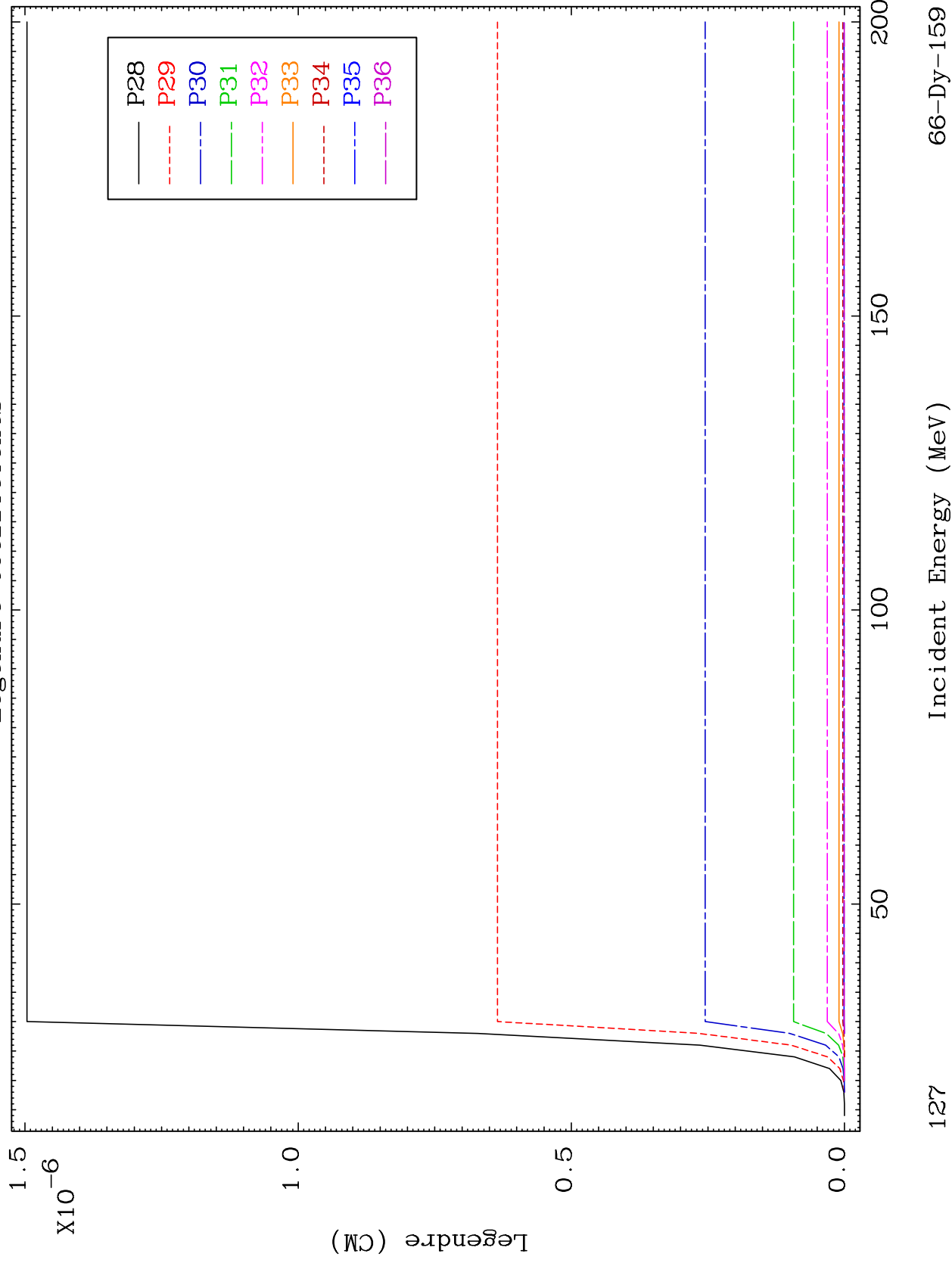
126

66-Dy-159

MAT 6634

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

66-Dy-159



127

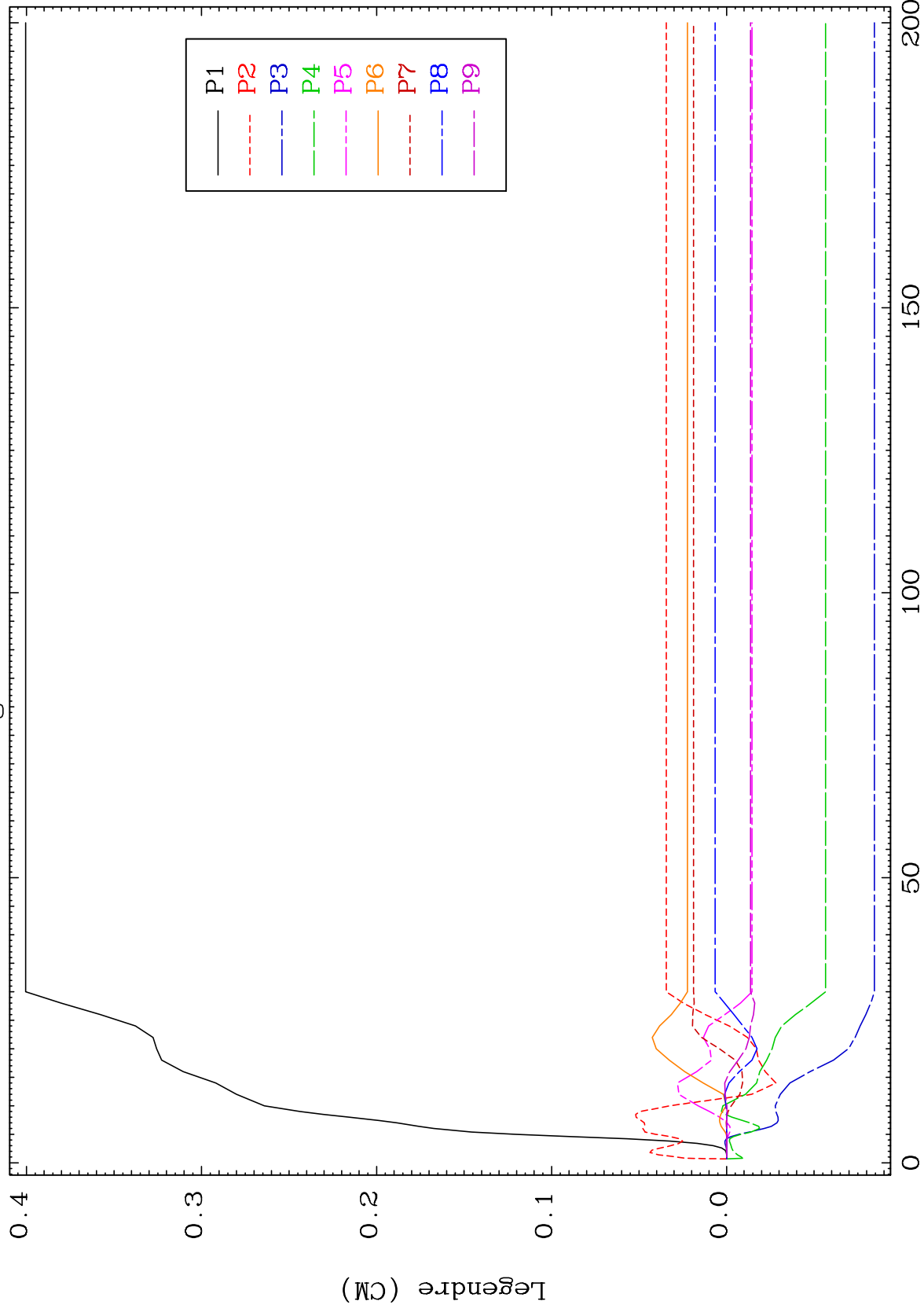
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



128

Incident Energy (MeV)

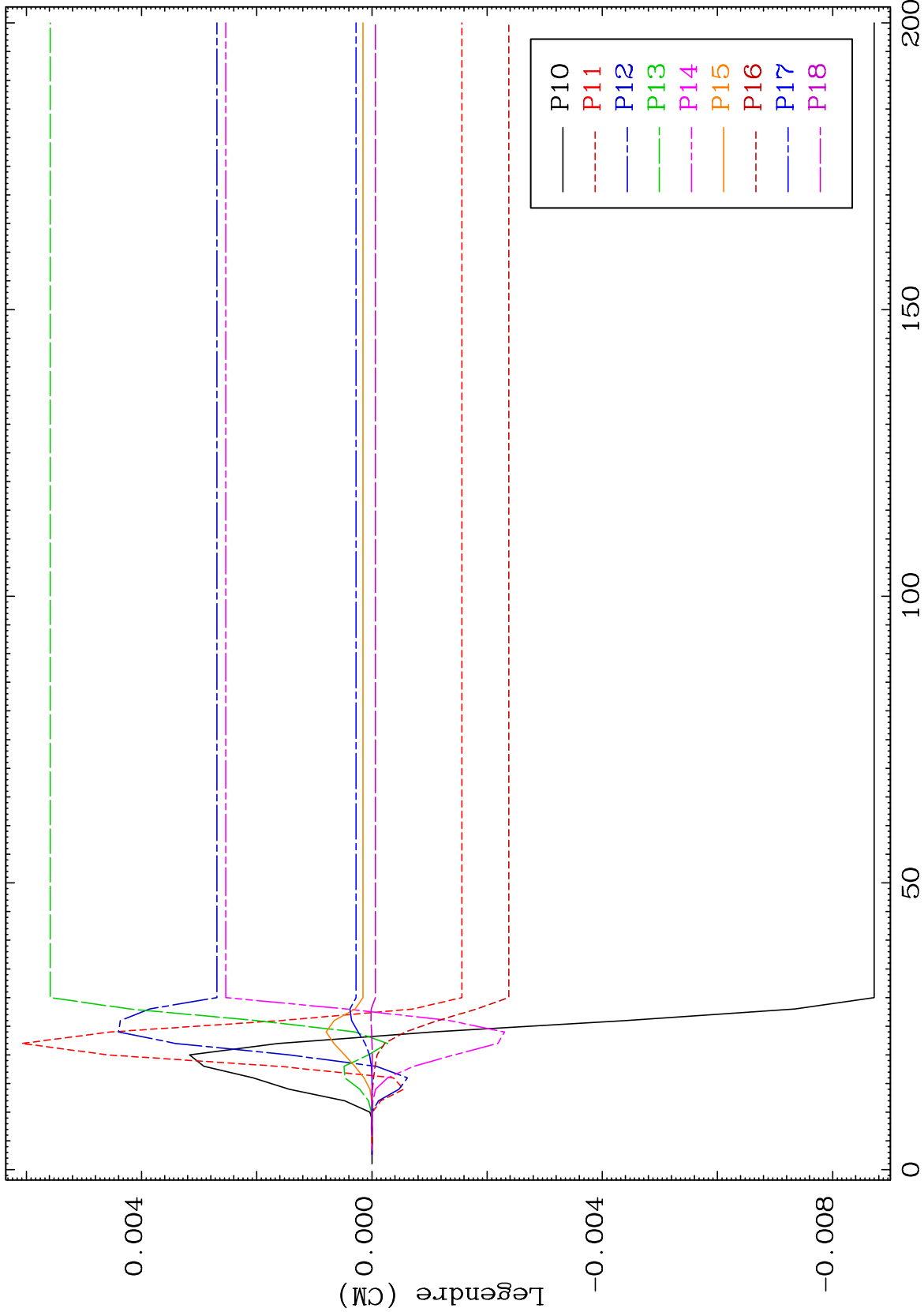
66-Dy-159

MAT 6634

MT= 78 (n,n') Level

66-Dy-159

Legendre Coefficients



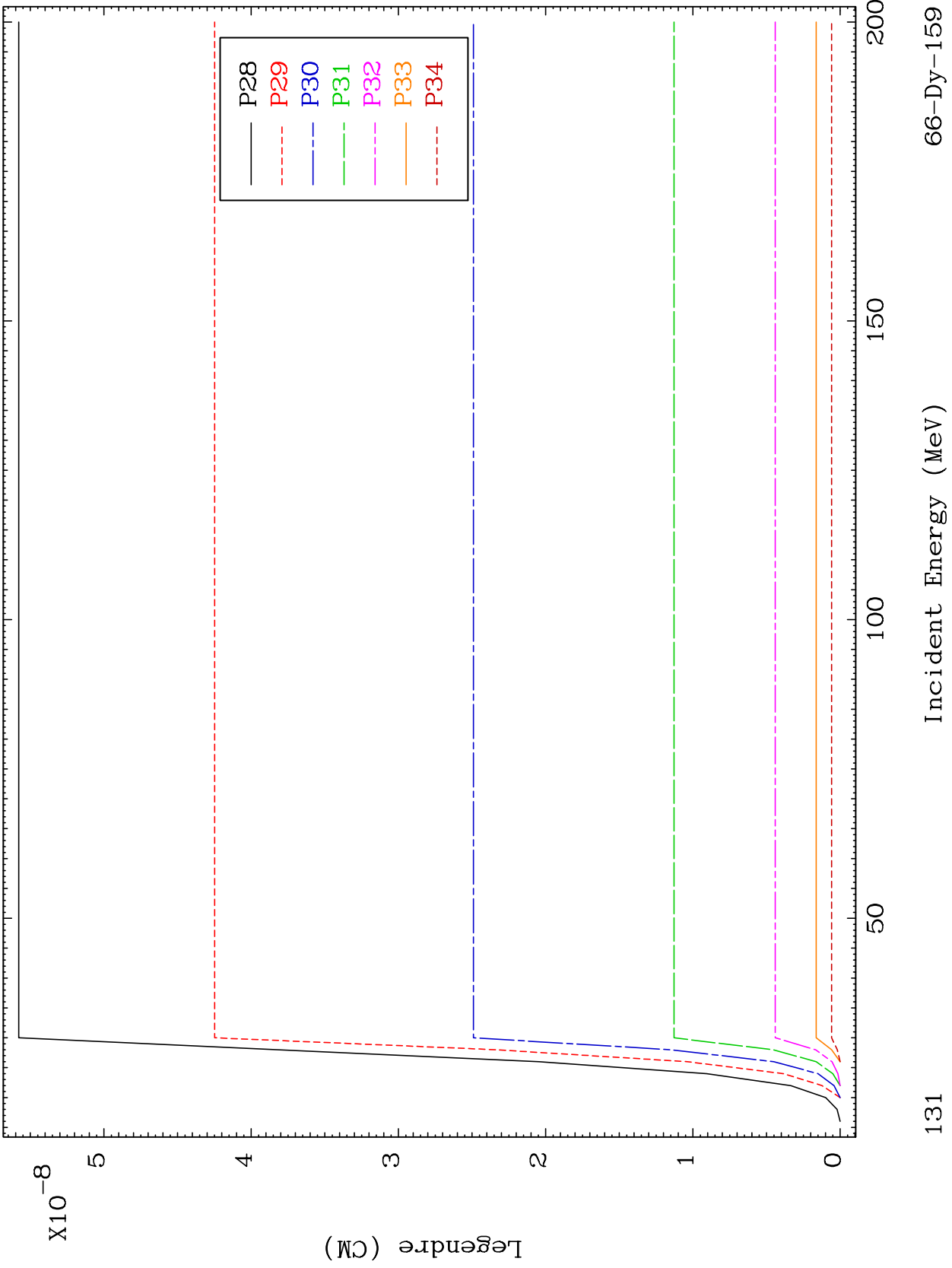
129

66-Dy-159

MAT 6634

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

66-Dy-159

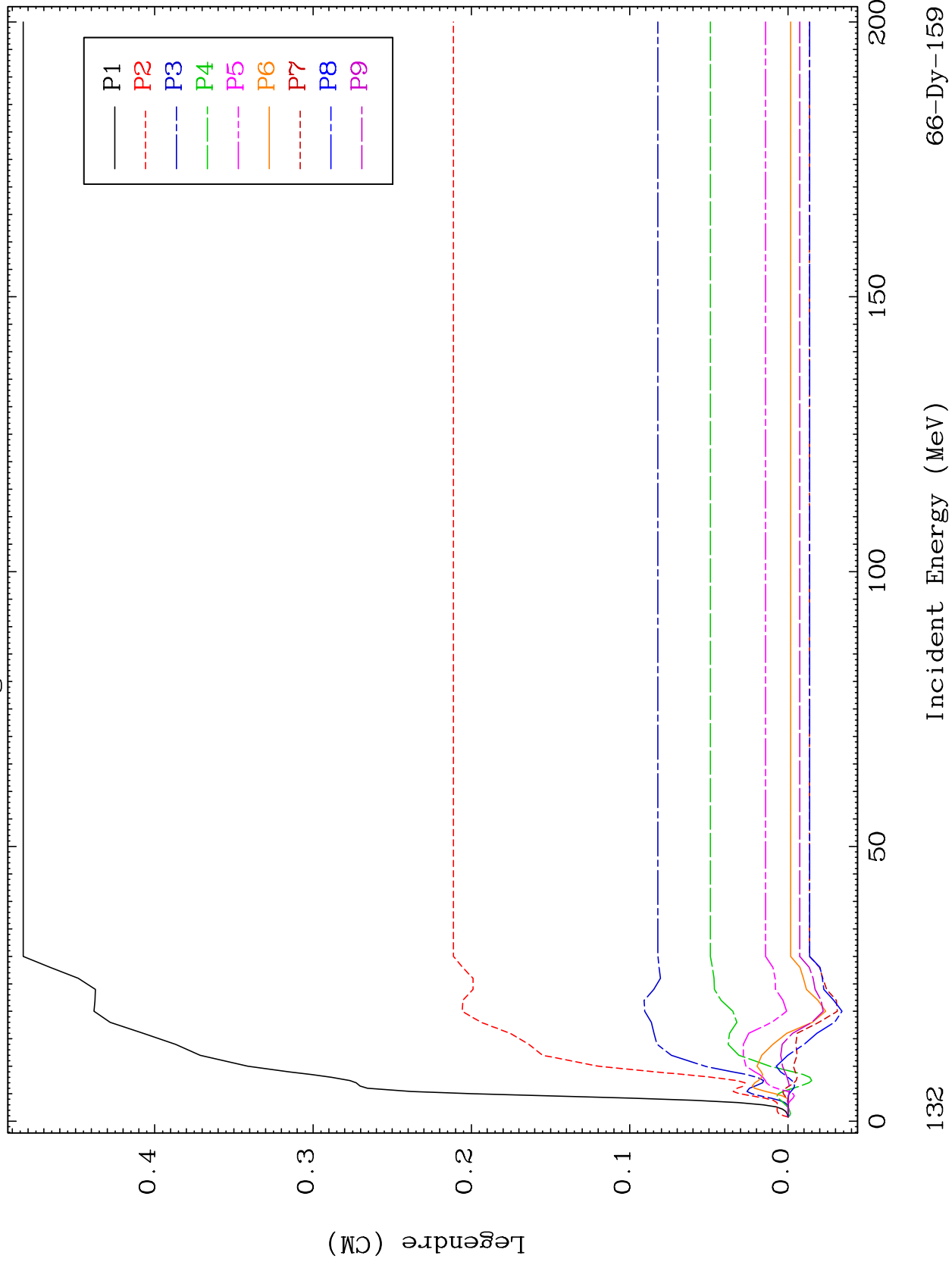


131

MAT 6634

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

66-Dy-159



66-Dy-159

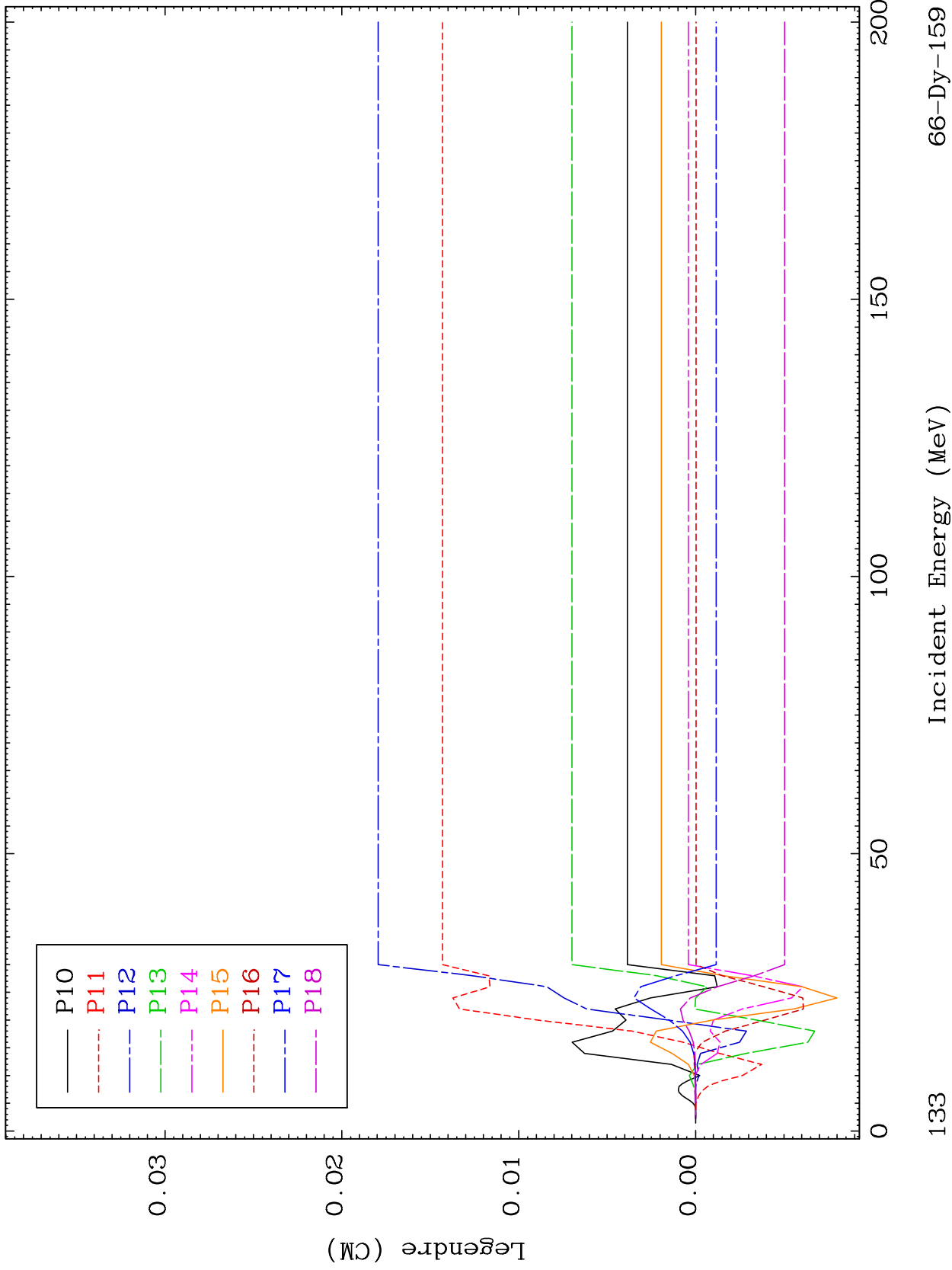
Incident Energy (MeV)

132

MAT 6634

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

66-Dy-159



133

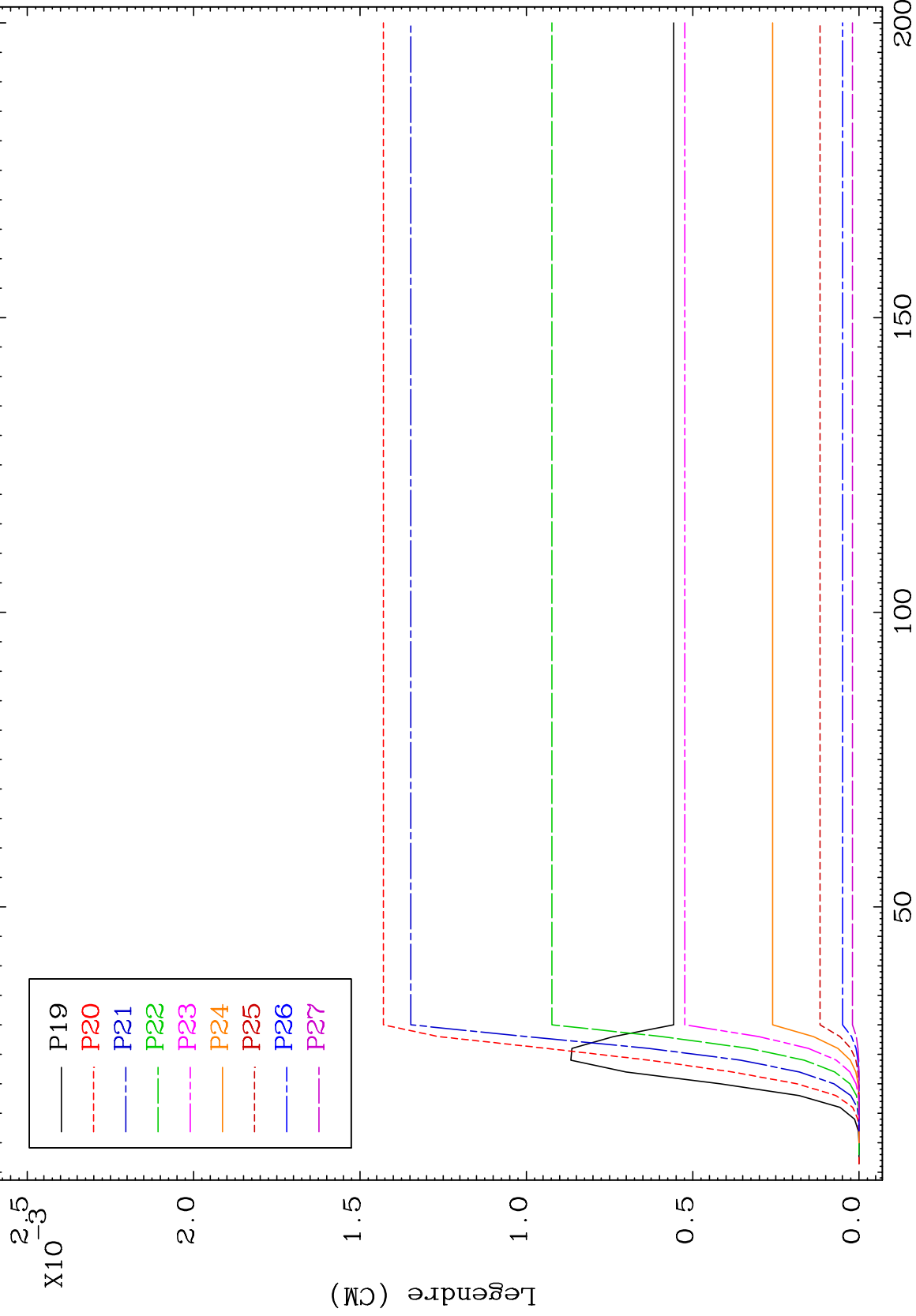
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



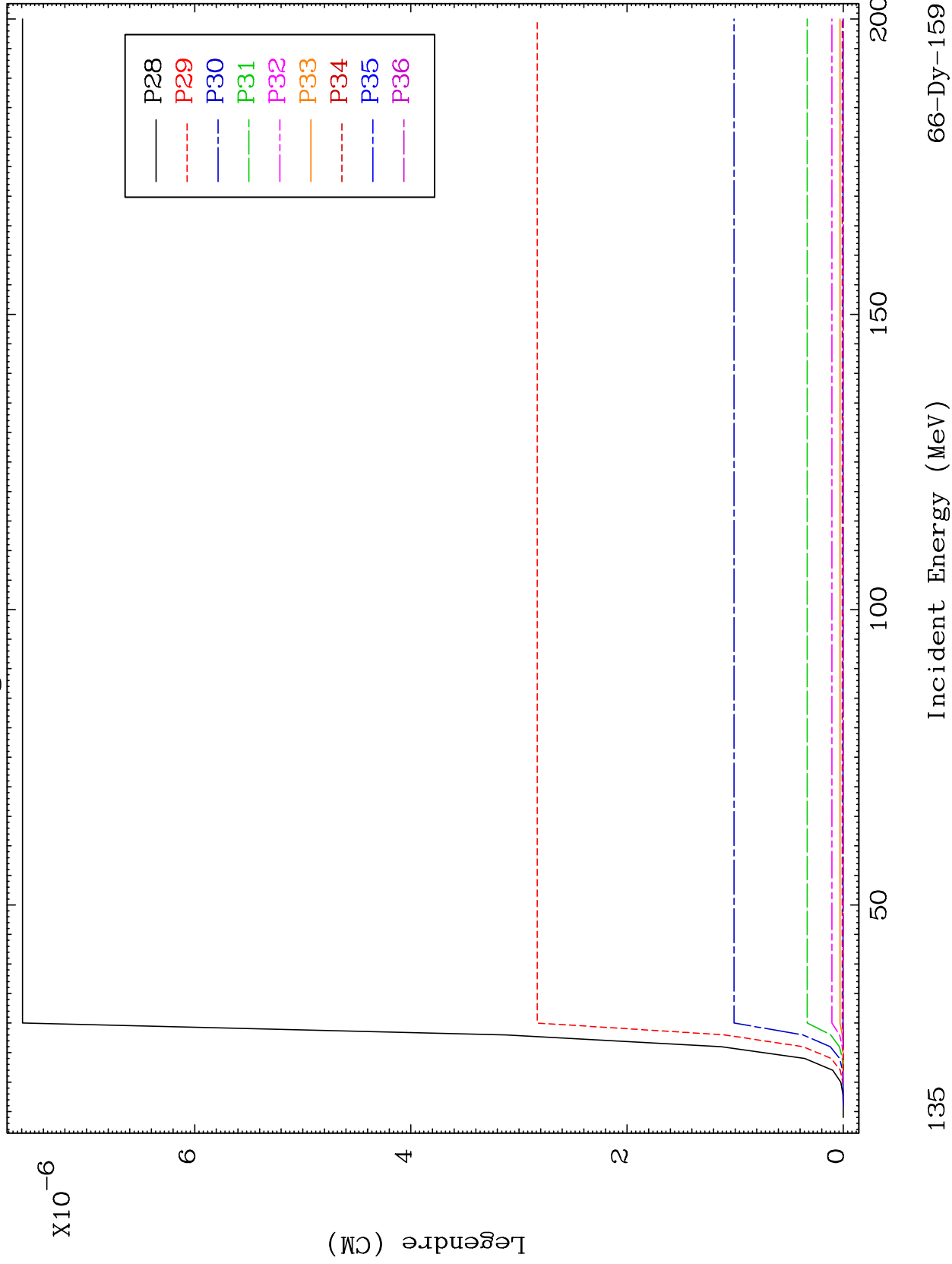
134

66-Dy-159

MAT 6634

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

66-Dy-159



135

Incident Energy (MeV)

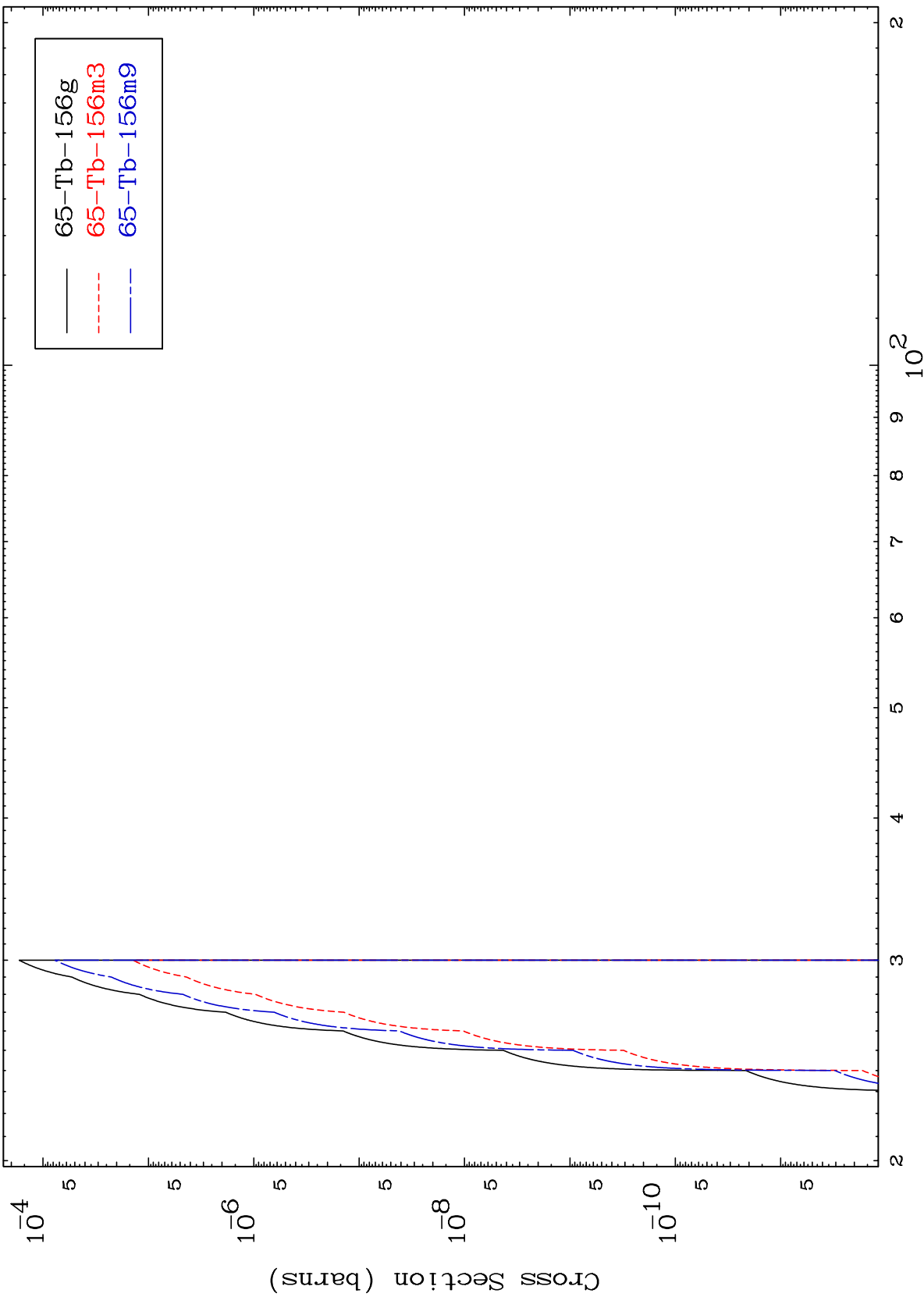
66-Dy-159

MAT 6634

(n,2n) d

66-Dy-159

Radionuclide Production Cross Section



136

Incident Energy (MeV)

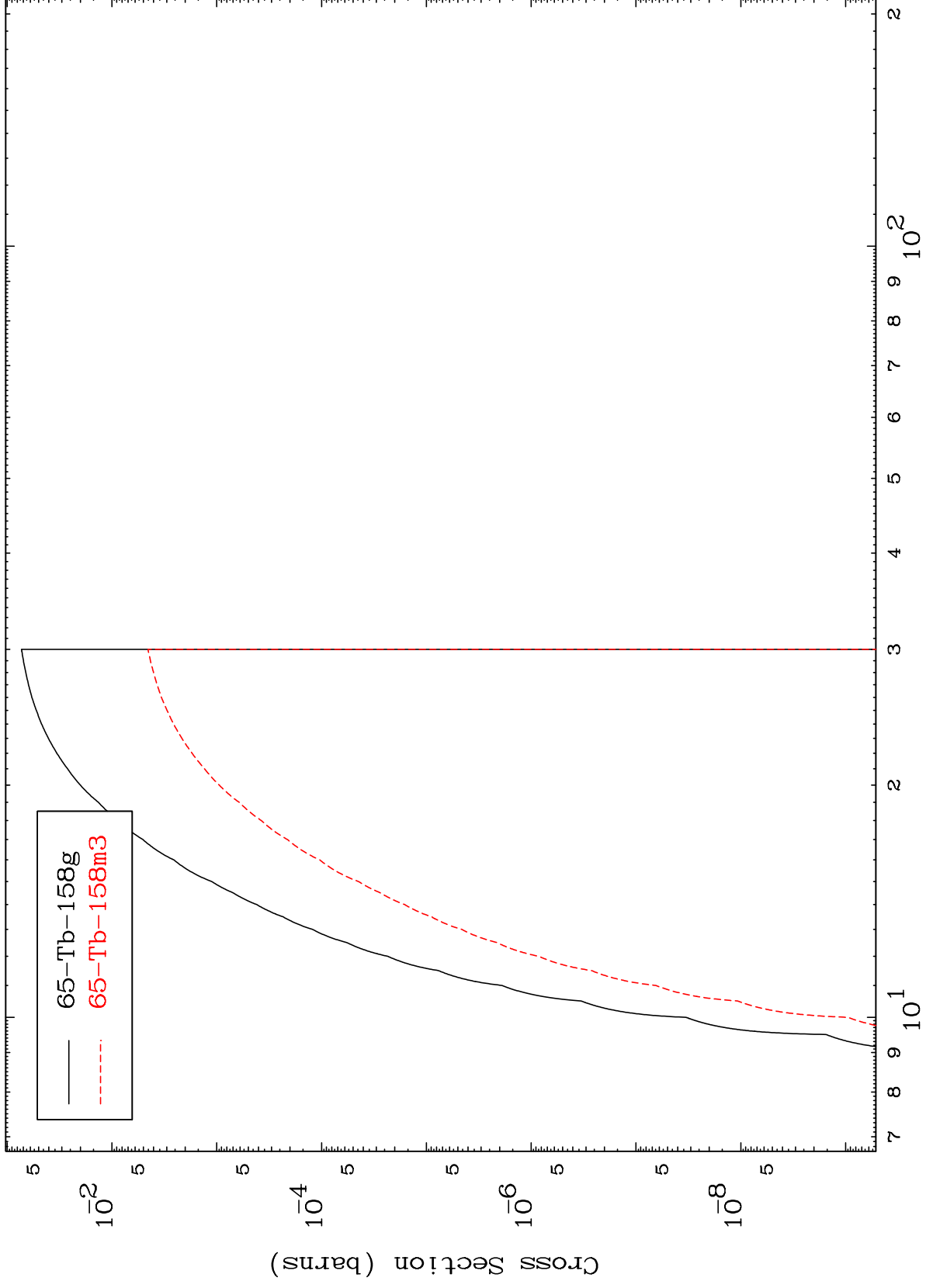
66-Dy-159

MAT 6634

(n,n') p

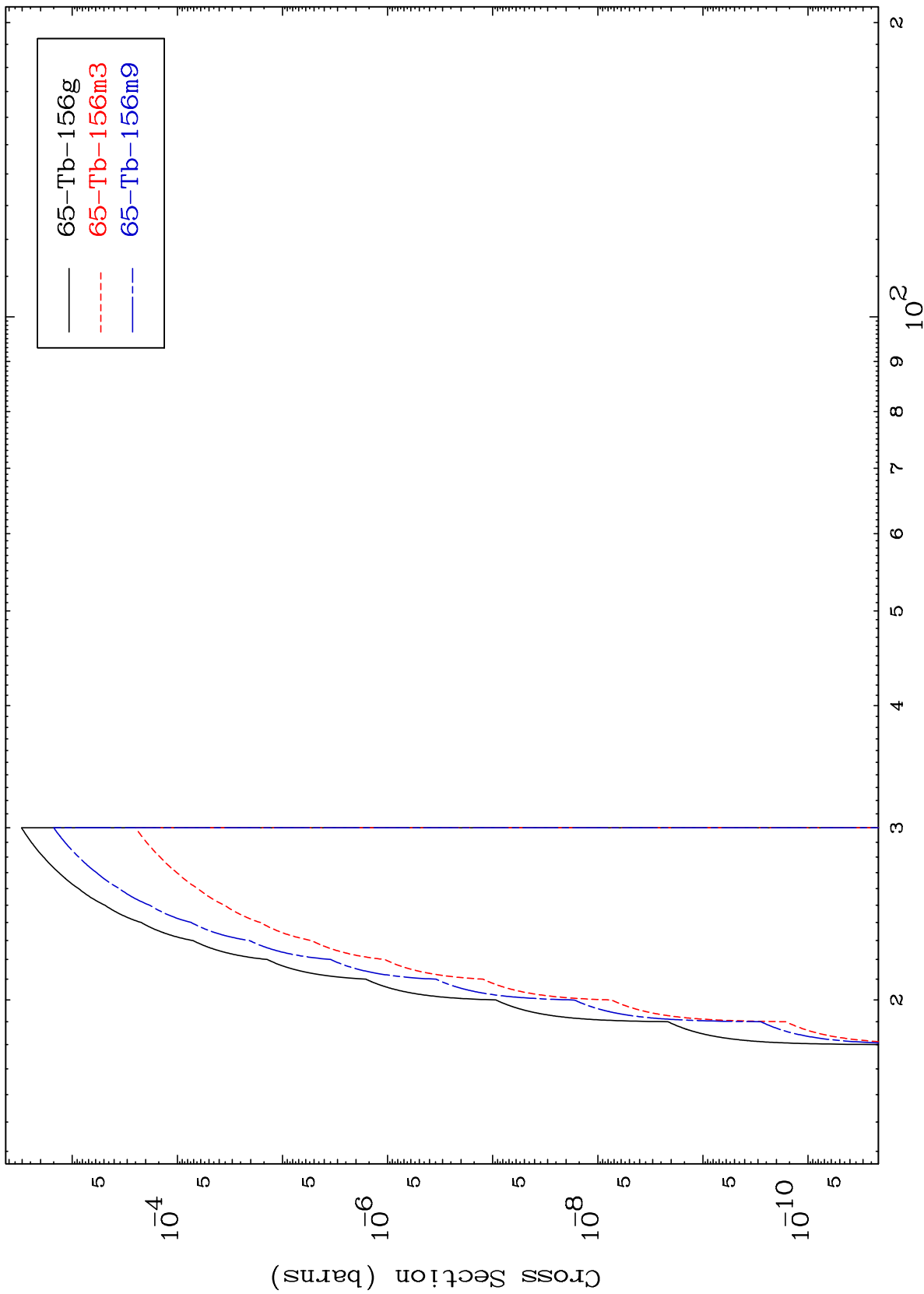
66-Dy-159

Radionuclide Production Cross Section

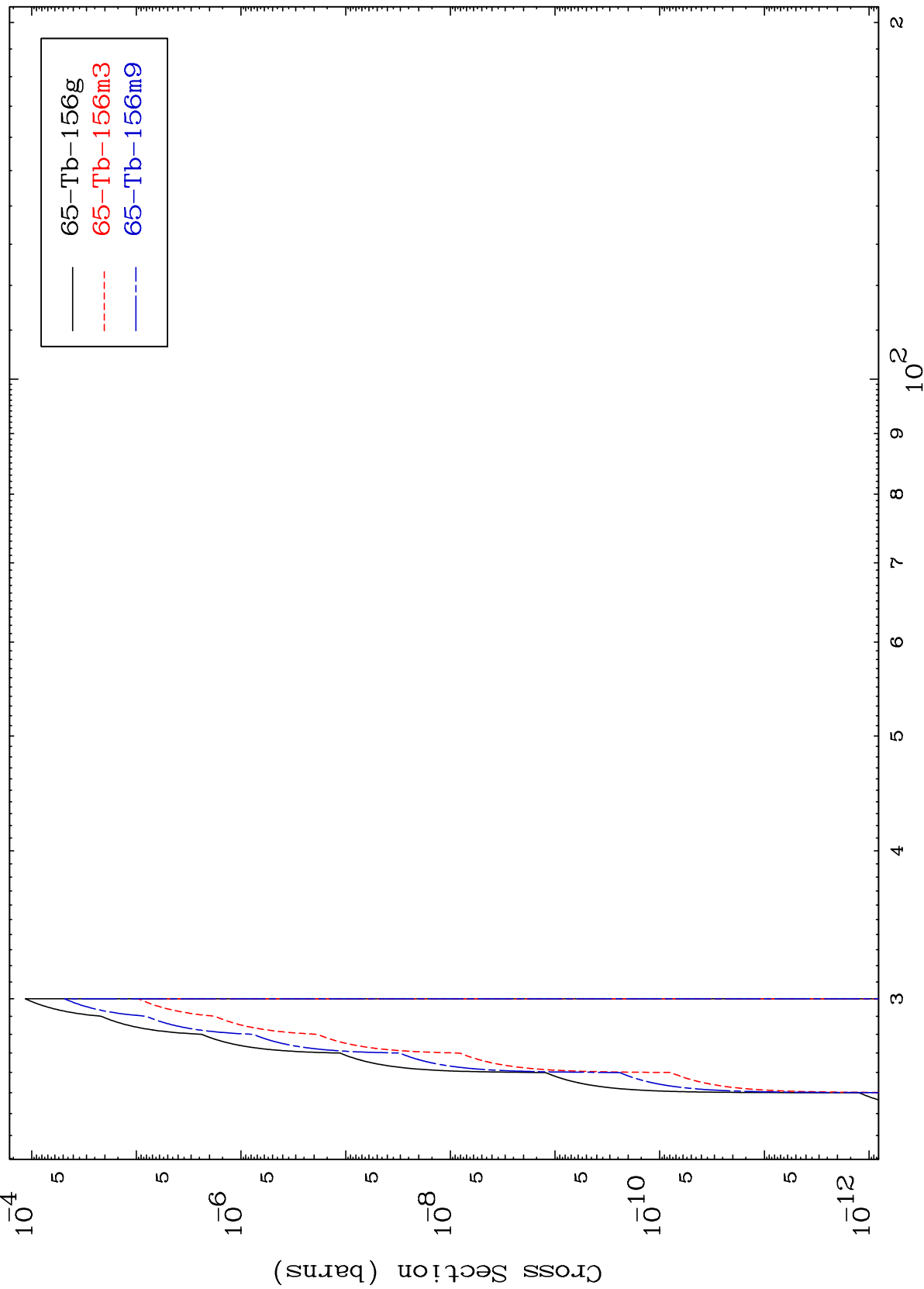


65-Tb-158g
65-Tb-158m3

Radionuclide Production Cross Section



Radionuclide Production Cross Section

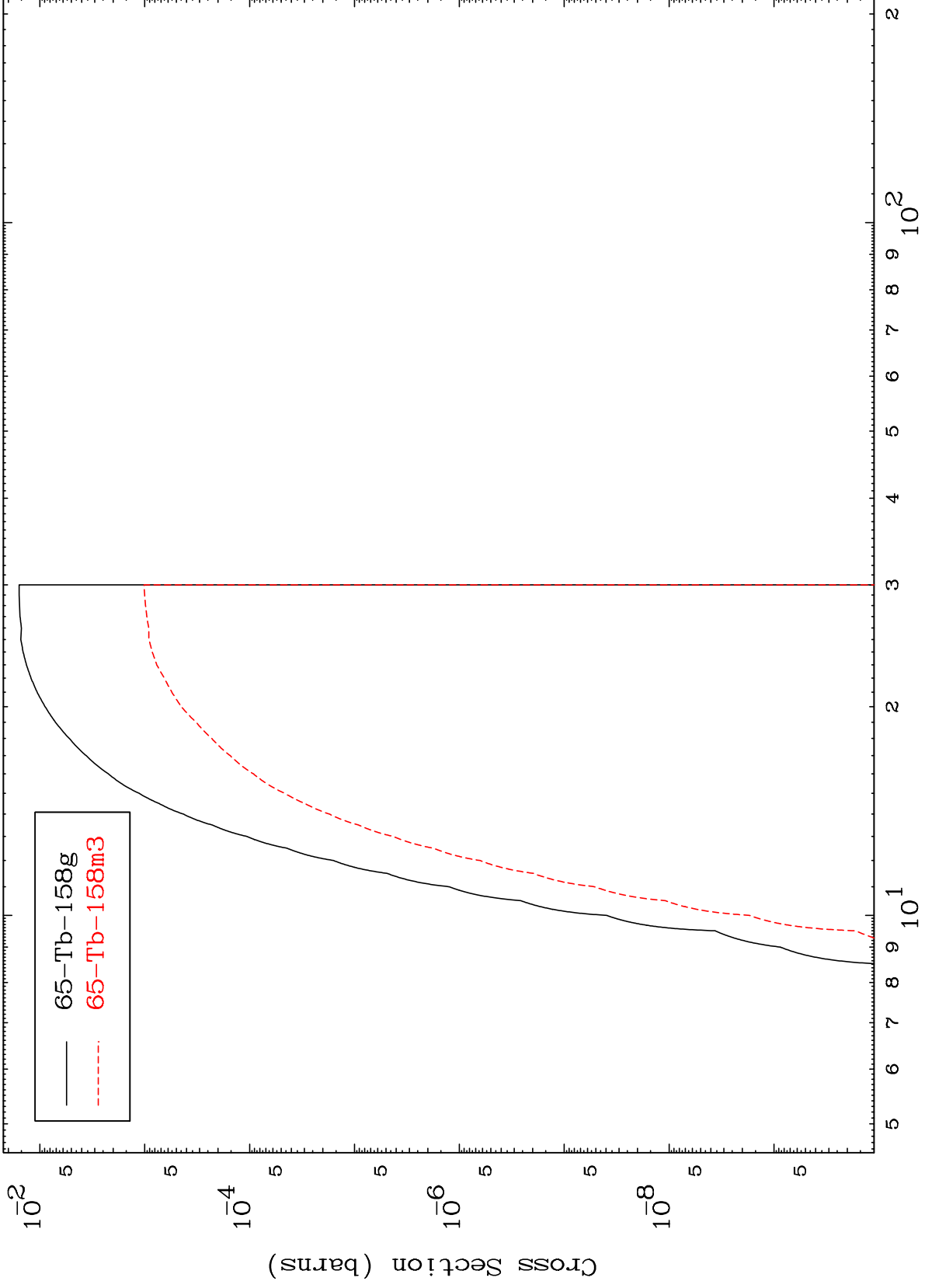


MAT 6634

(n,d)

66-Dy-159

Radionuclide Production Cross Section



140

Incident Energy (MeV)

66-Dy-159