

Program EVALPLOT  
(Version 2018-1)

by

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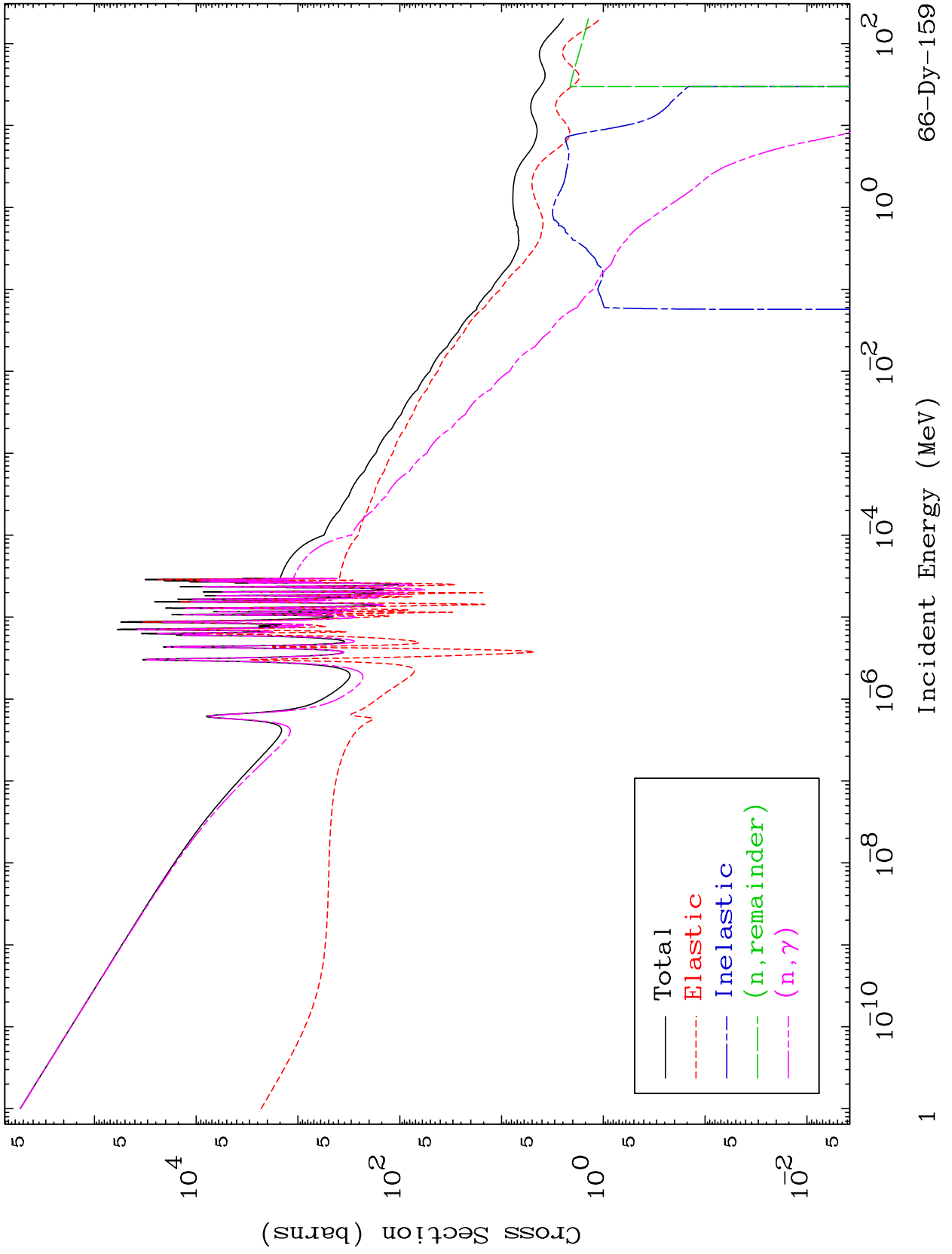
Press Mouse Button to Start

MAT 6634

Major

293 Kelvin Cross Sections

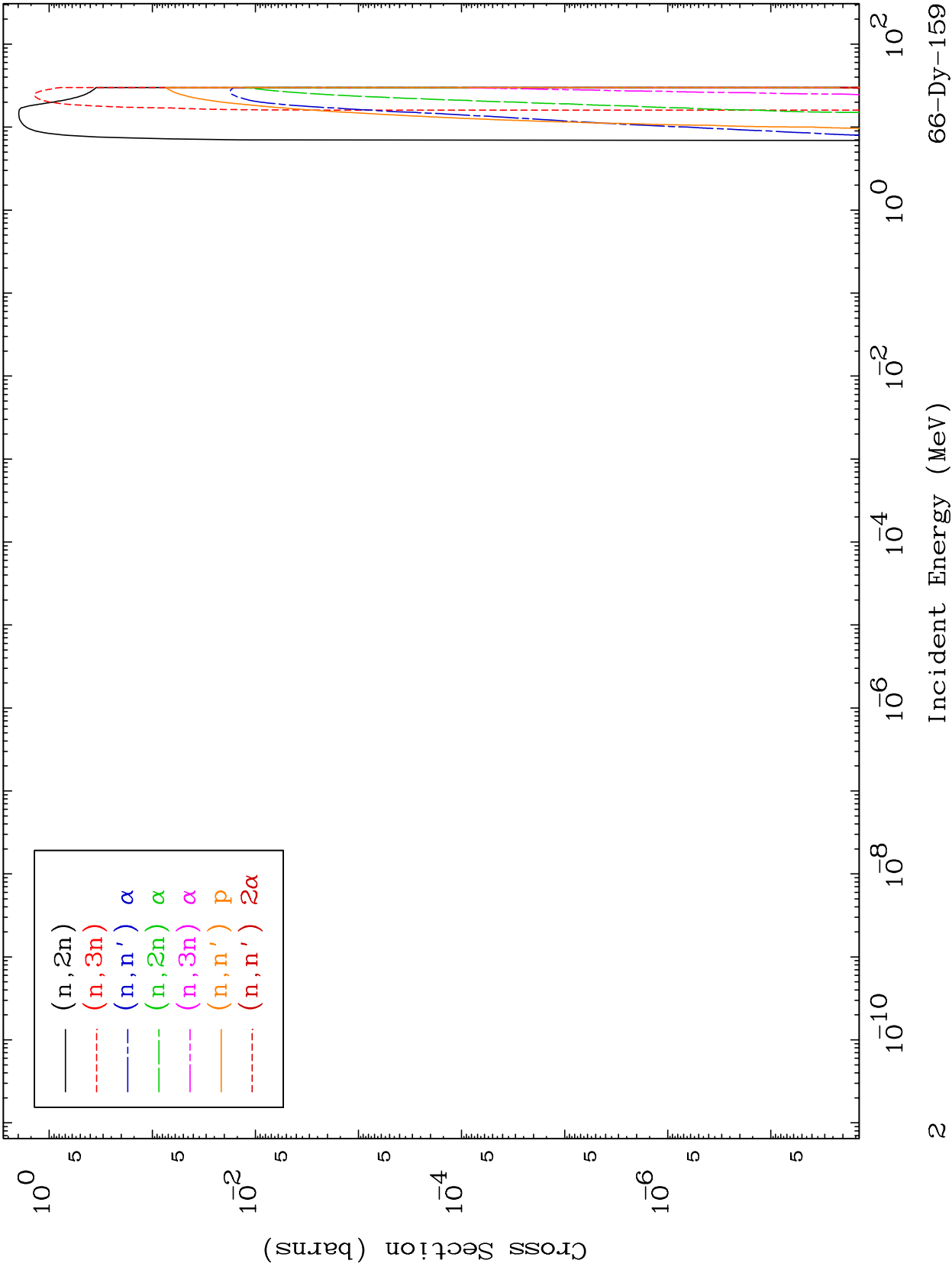
66-Dy-159

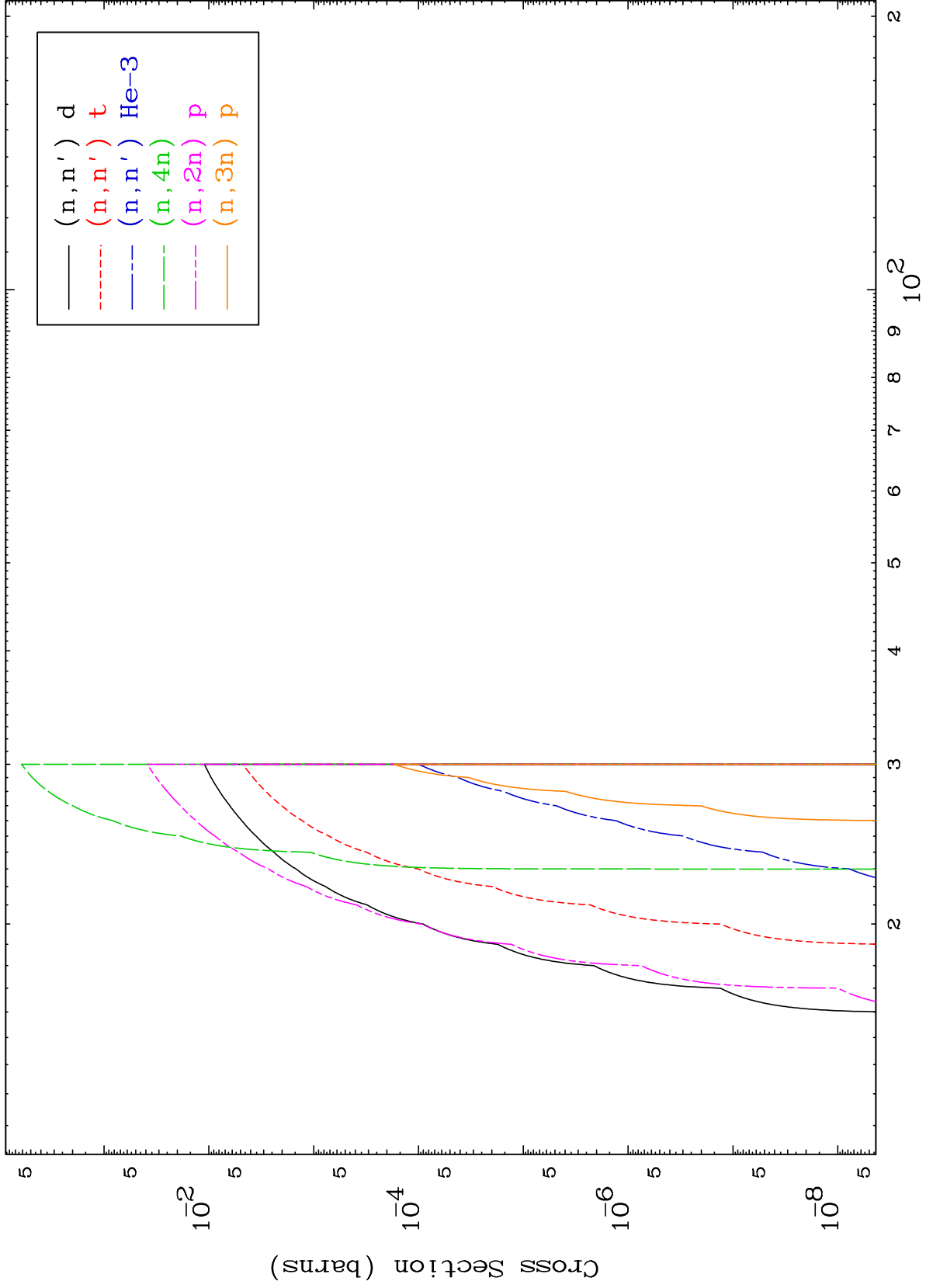


MAT 6634

Neutron Production  
293 Kelvin Cross Sections

66-Dy-159

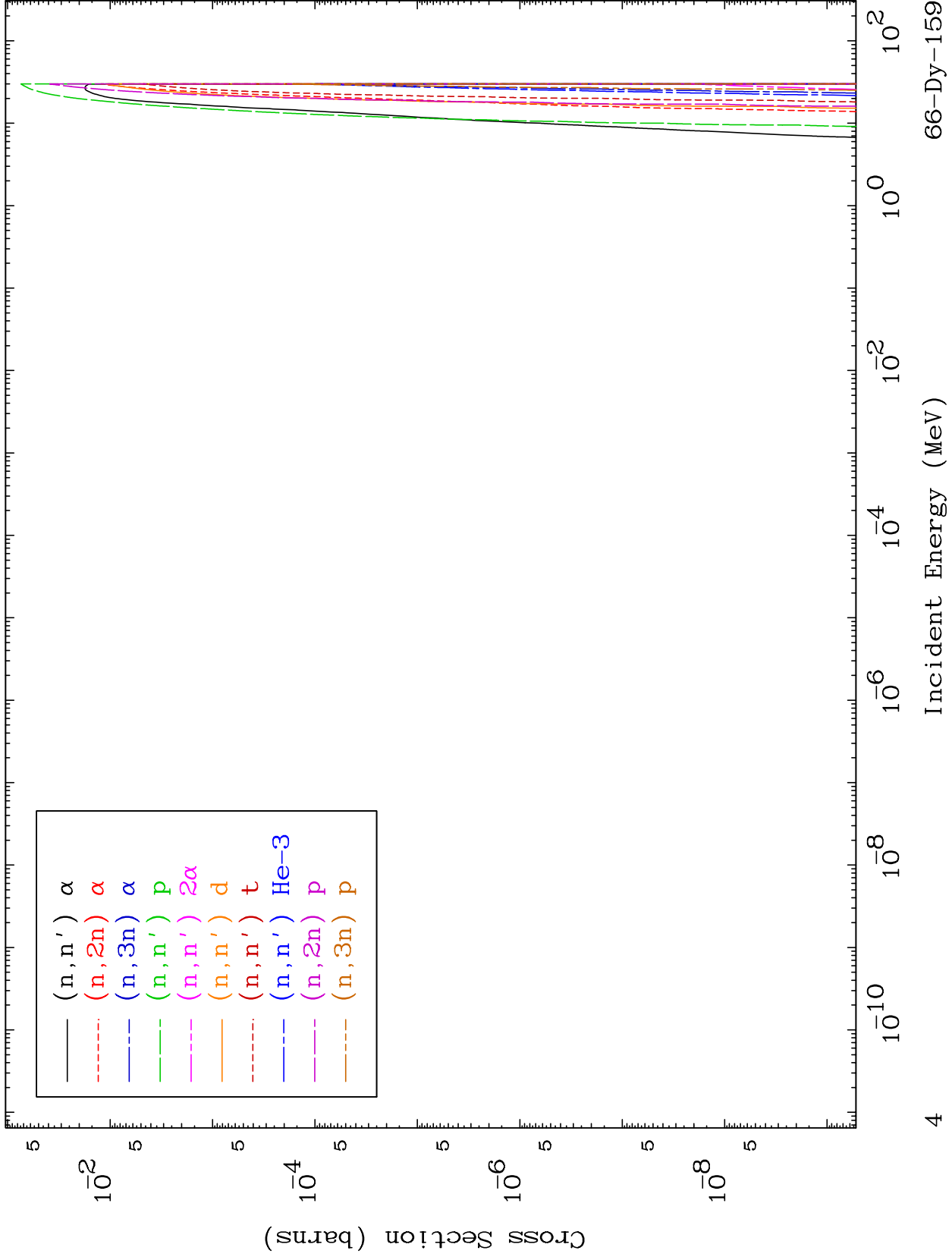




MAT 6634

Charged Particle  
293 Kelvin Cross Sections

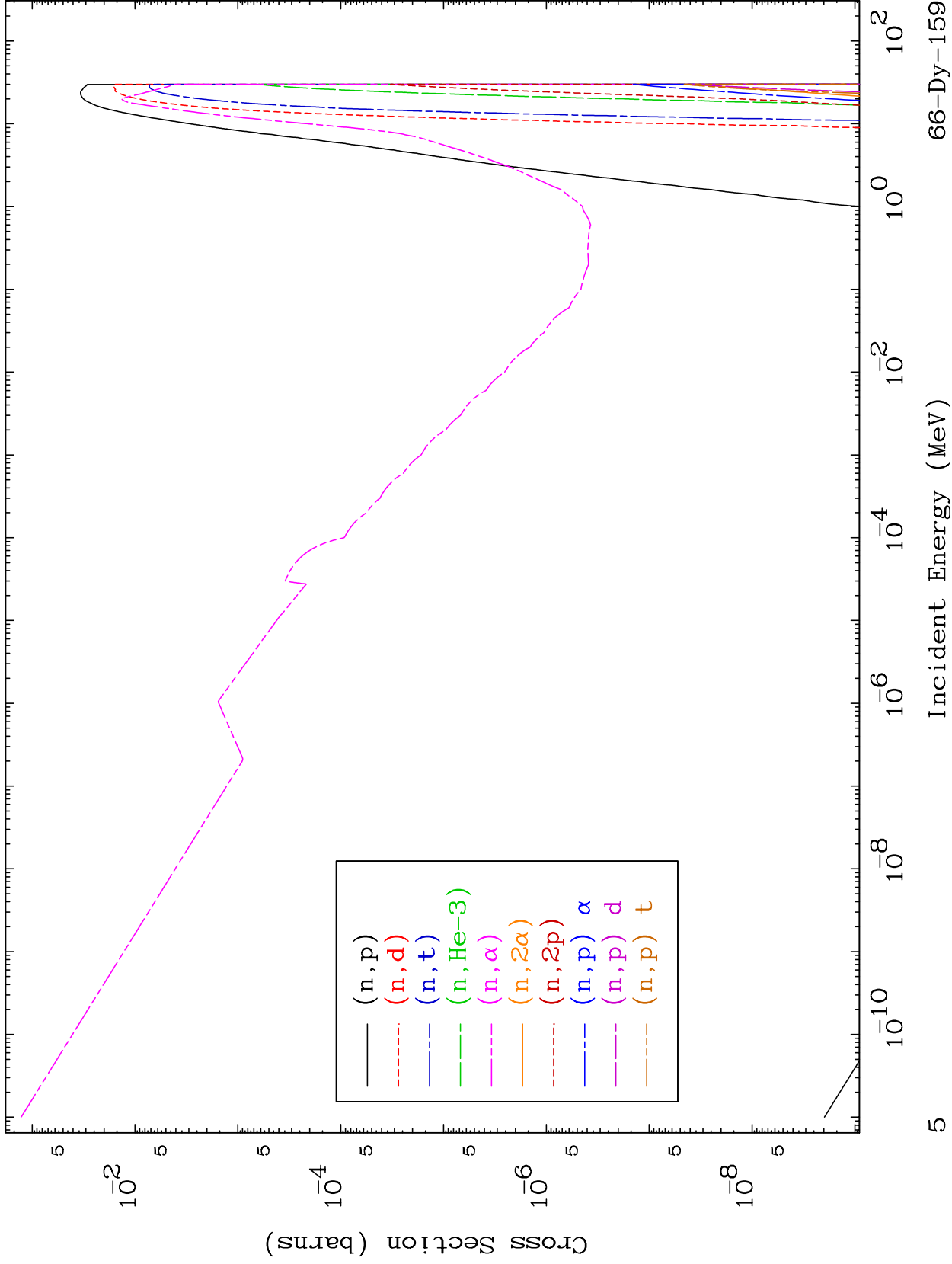
66-Dy-159



MAT 6634

Charged Particle  
293 Kelvin Cross Sections

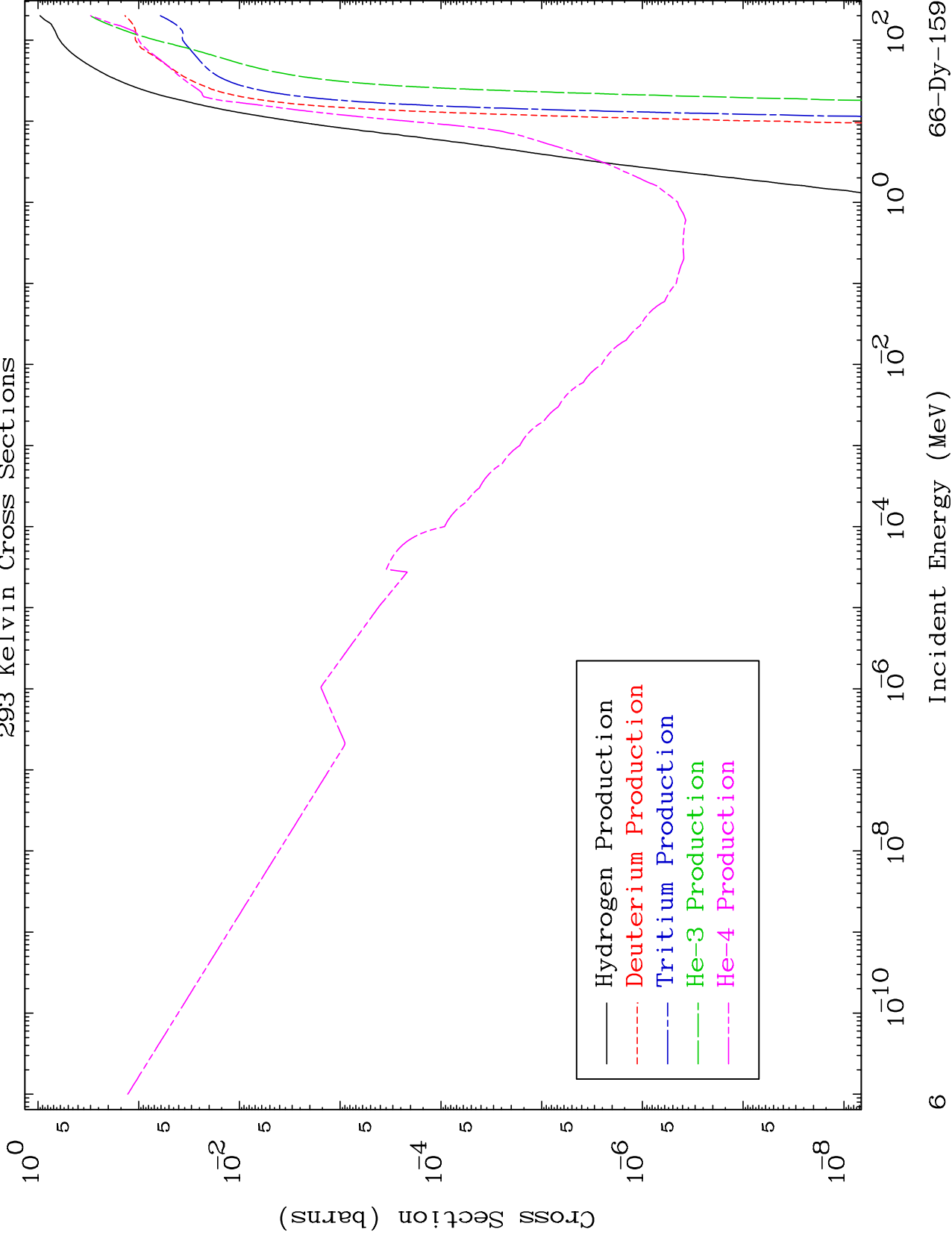
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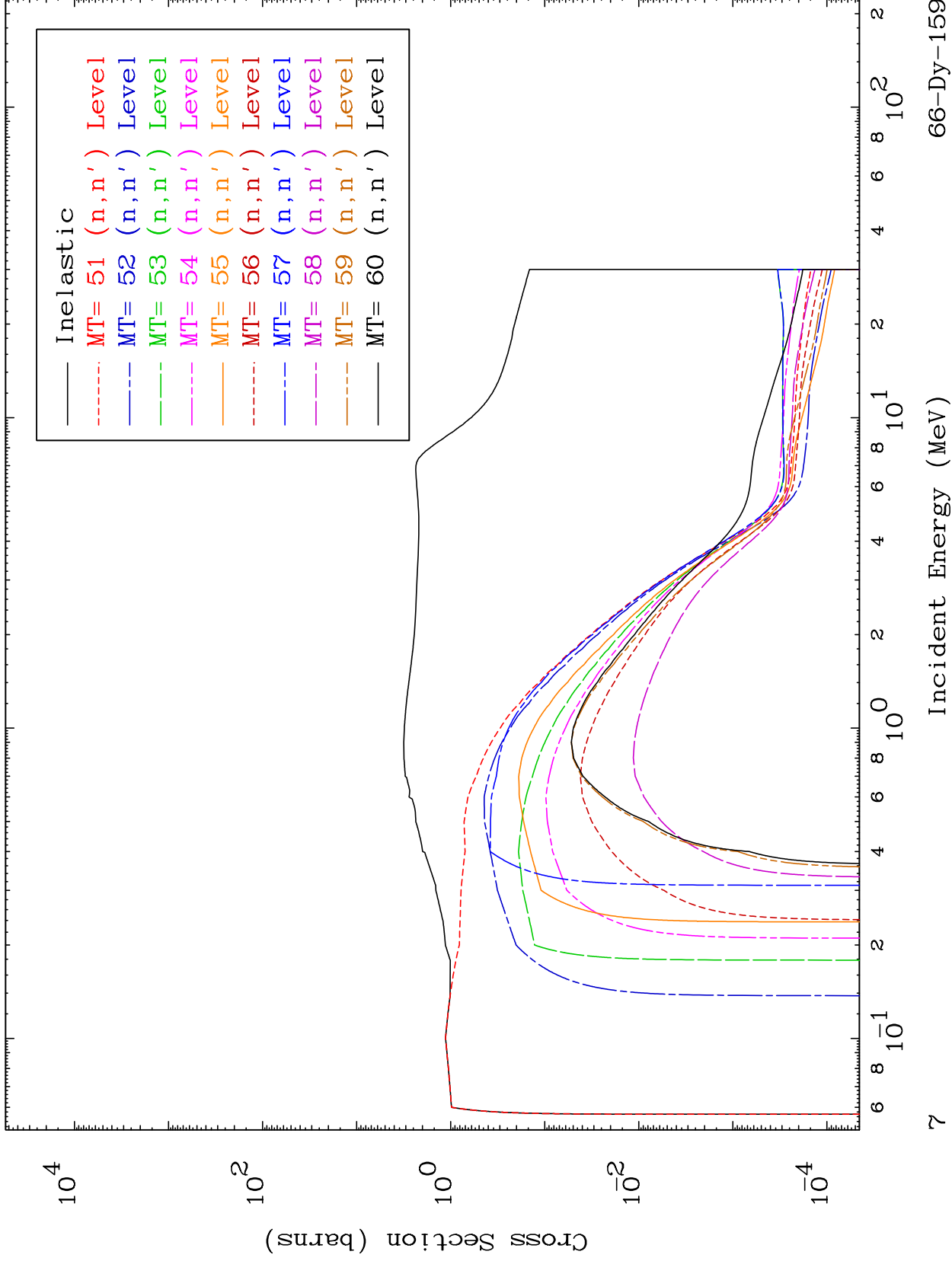


MAT 6634

Particle Production  
293 Kelvin Cross Sections

66-Dy-159





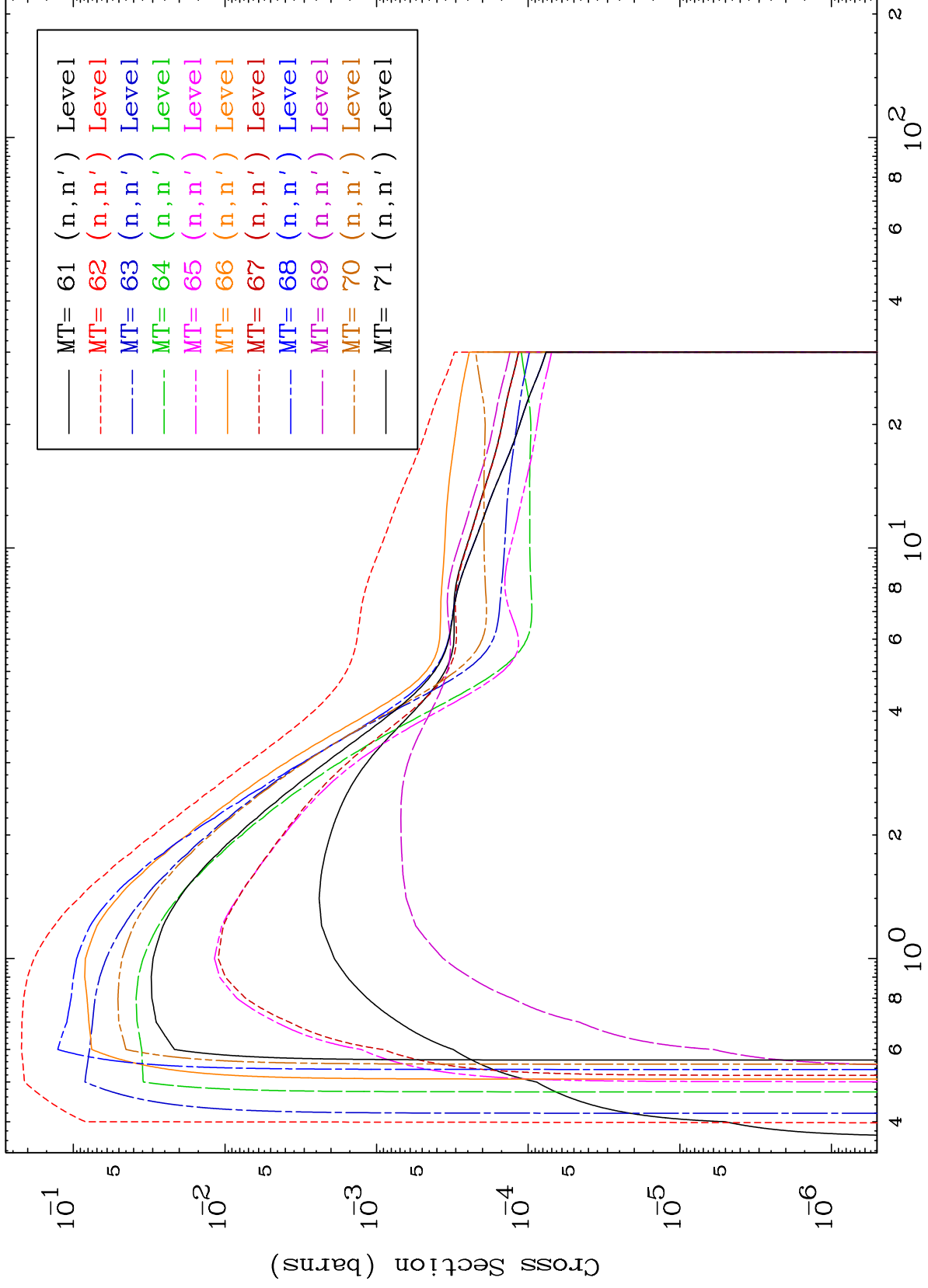


MAT 6634

(n,n') Level

293 Kelvin Cross Sections

66-Dy-159



8

Incident Energy (MeV)

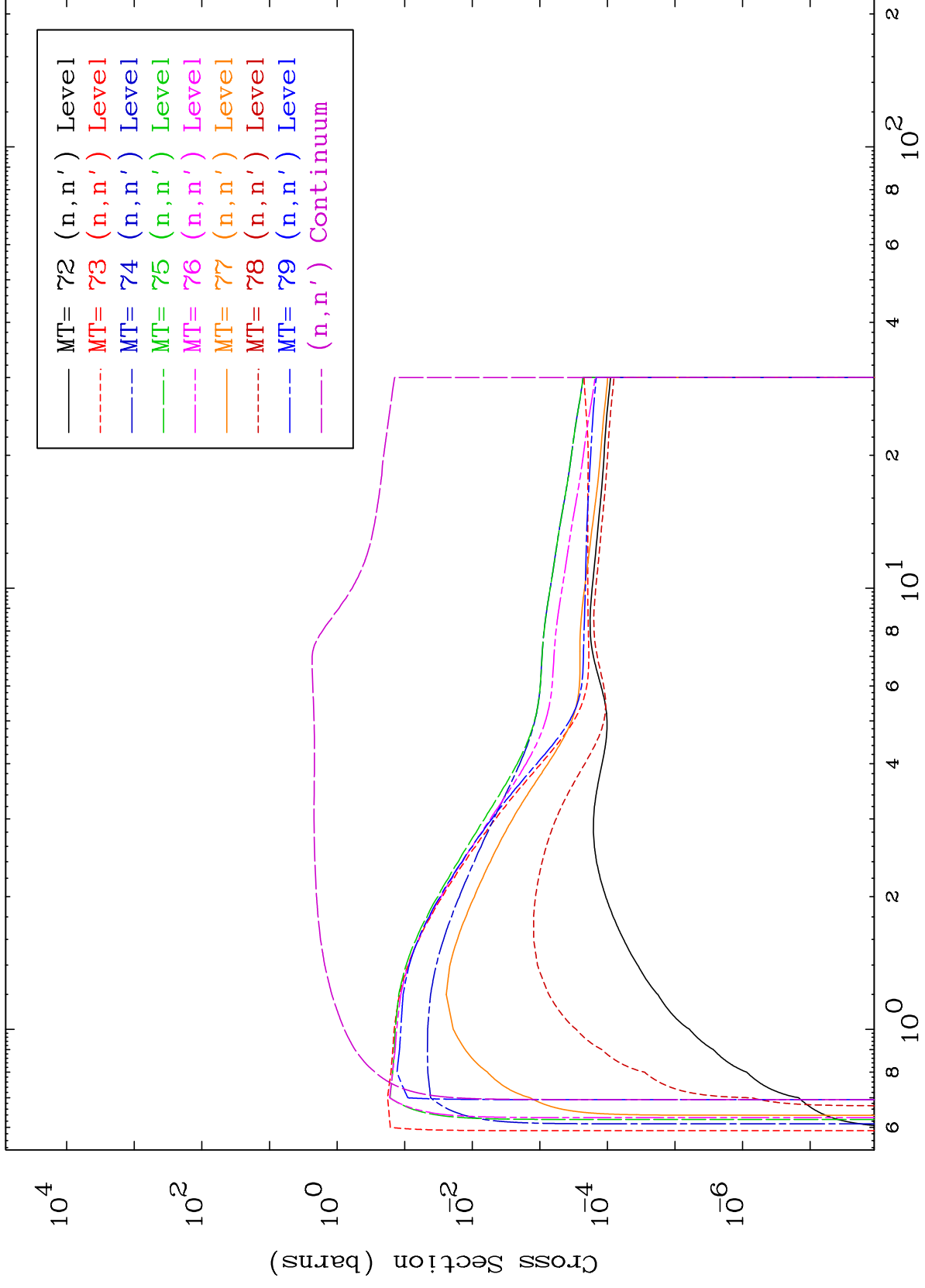
66-Dy-159

MAT 6634

(n,n') Level

293 Kelvin Cross Sections

66-Dy-159



9

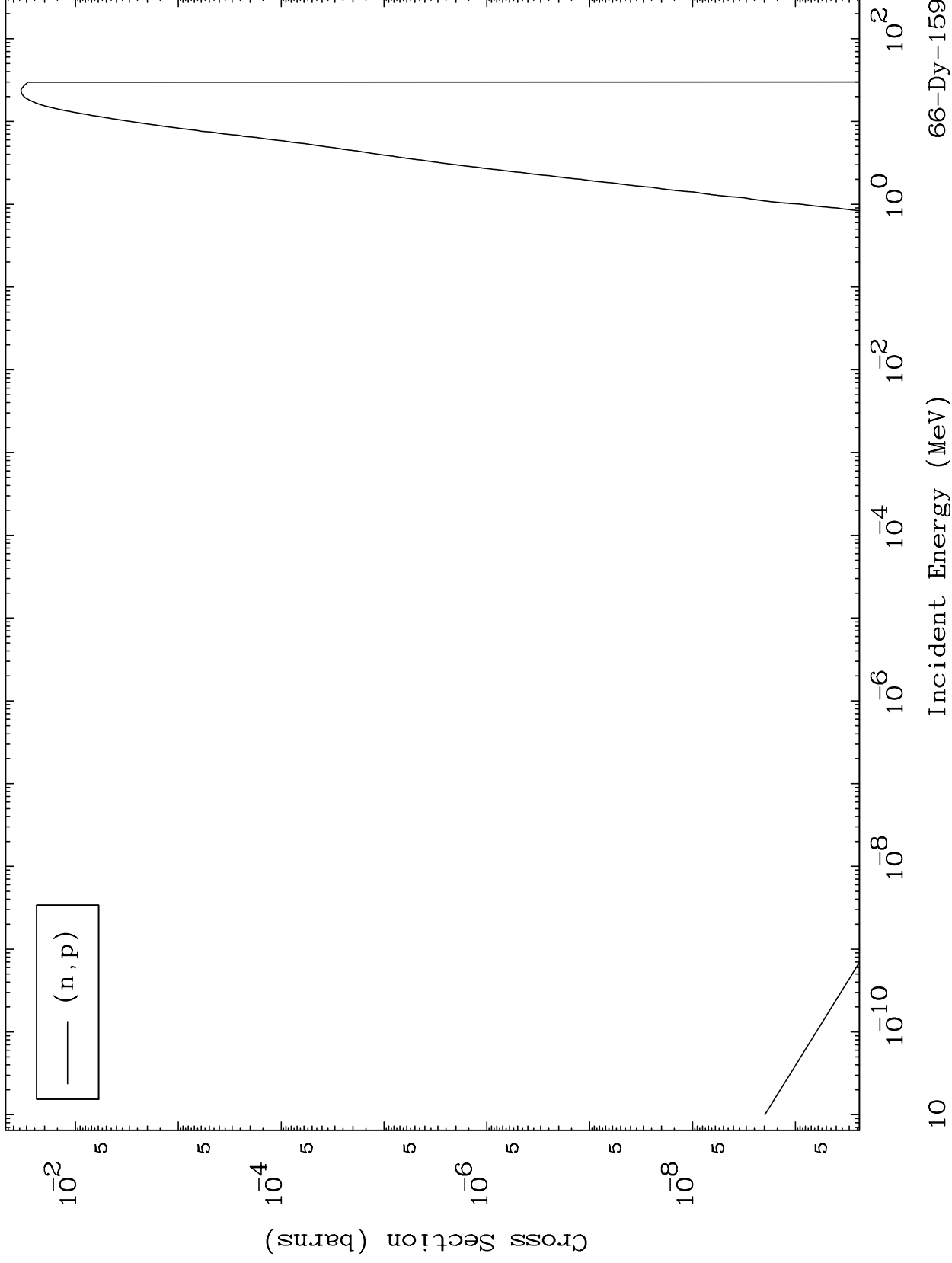
Incident Energy (MeV)

66-Dy-159

MAT 6634

(n,p) Levels  
293 Kelvin Cross Sections

66-Dy-159



10

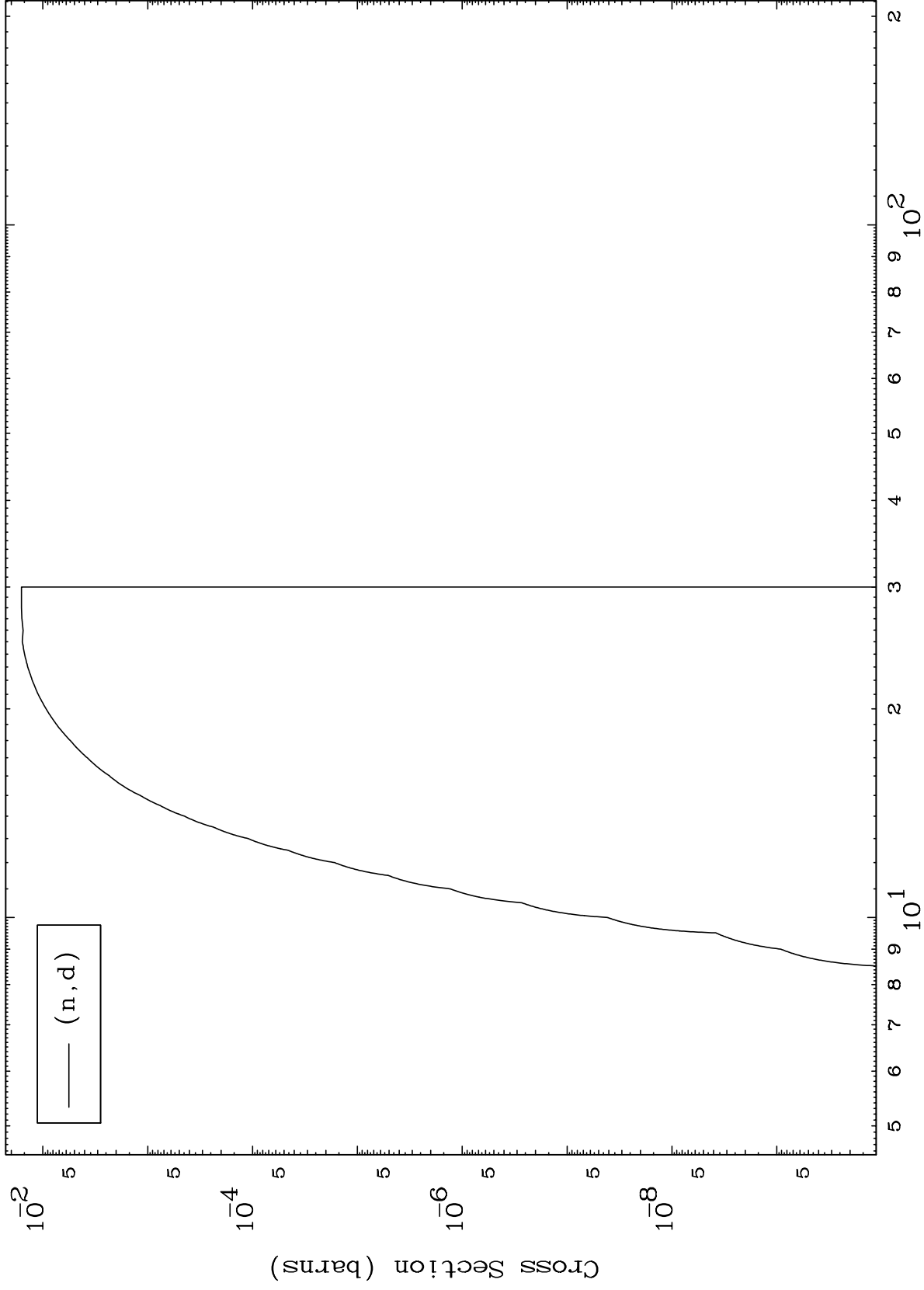
Incident Energy (MeV)

66-Dy-159

MAT 6634

(n,d) Levels  
293 Kelvin Cross Sections

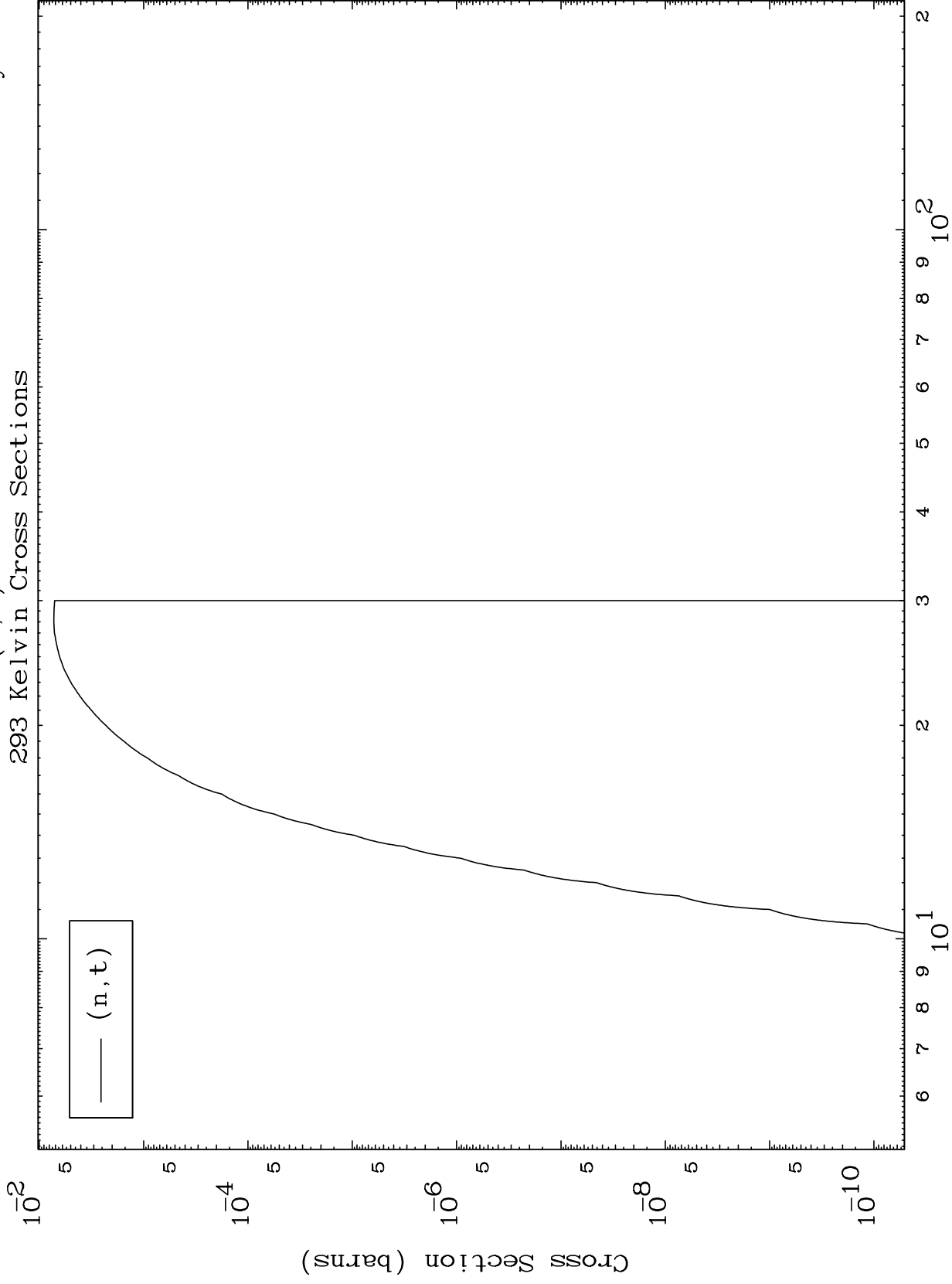
66-Dy-159



MAT 6634

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-159



12

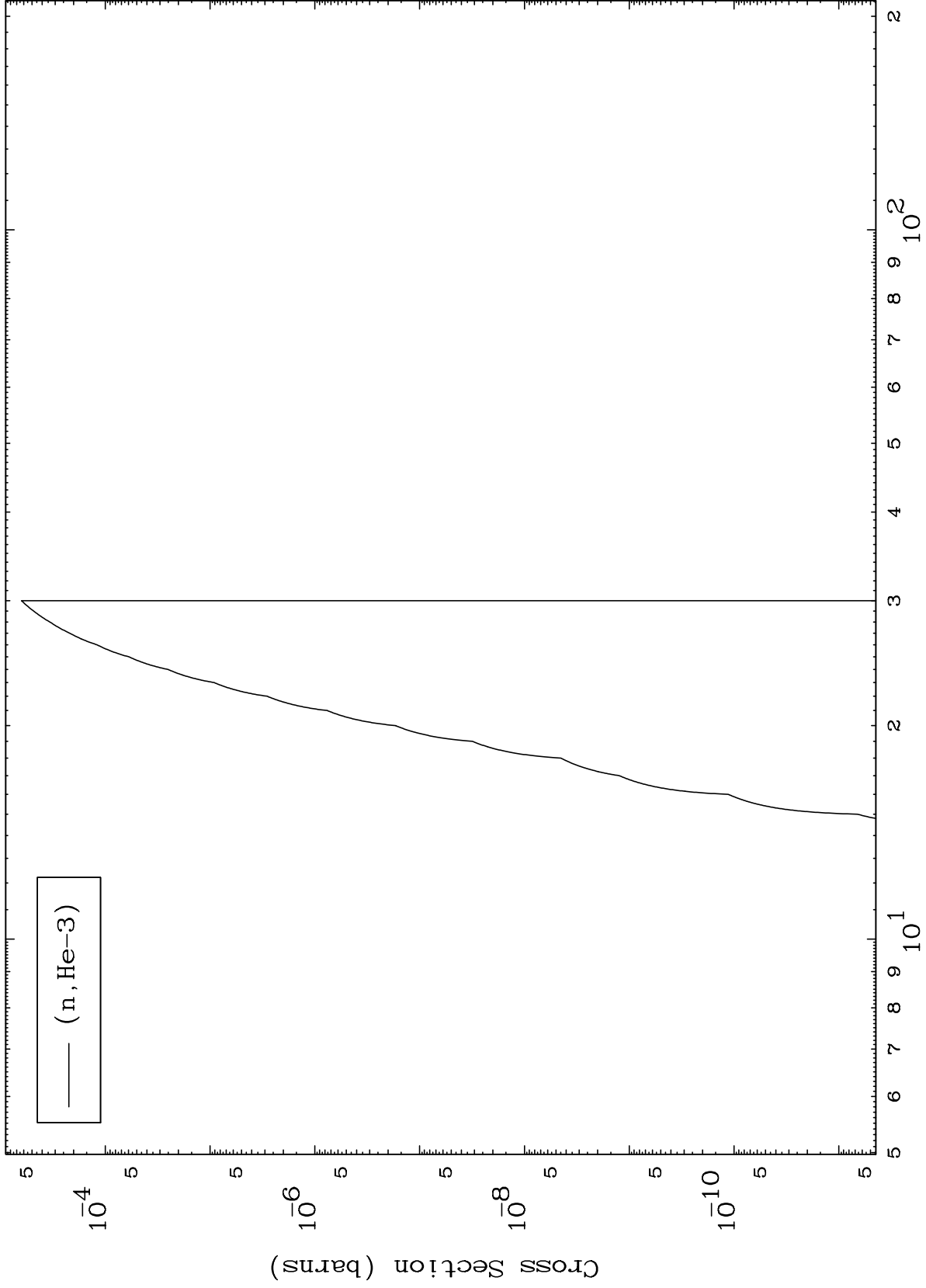
Incident Energy (MeV)

66-Dy-159

MAT 6634

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-159

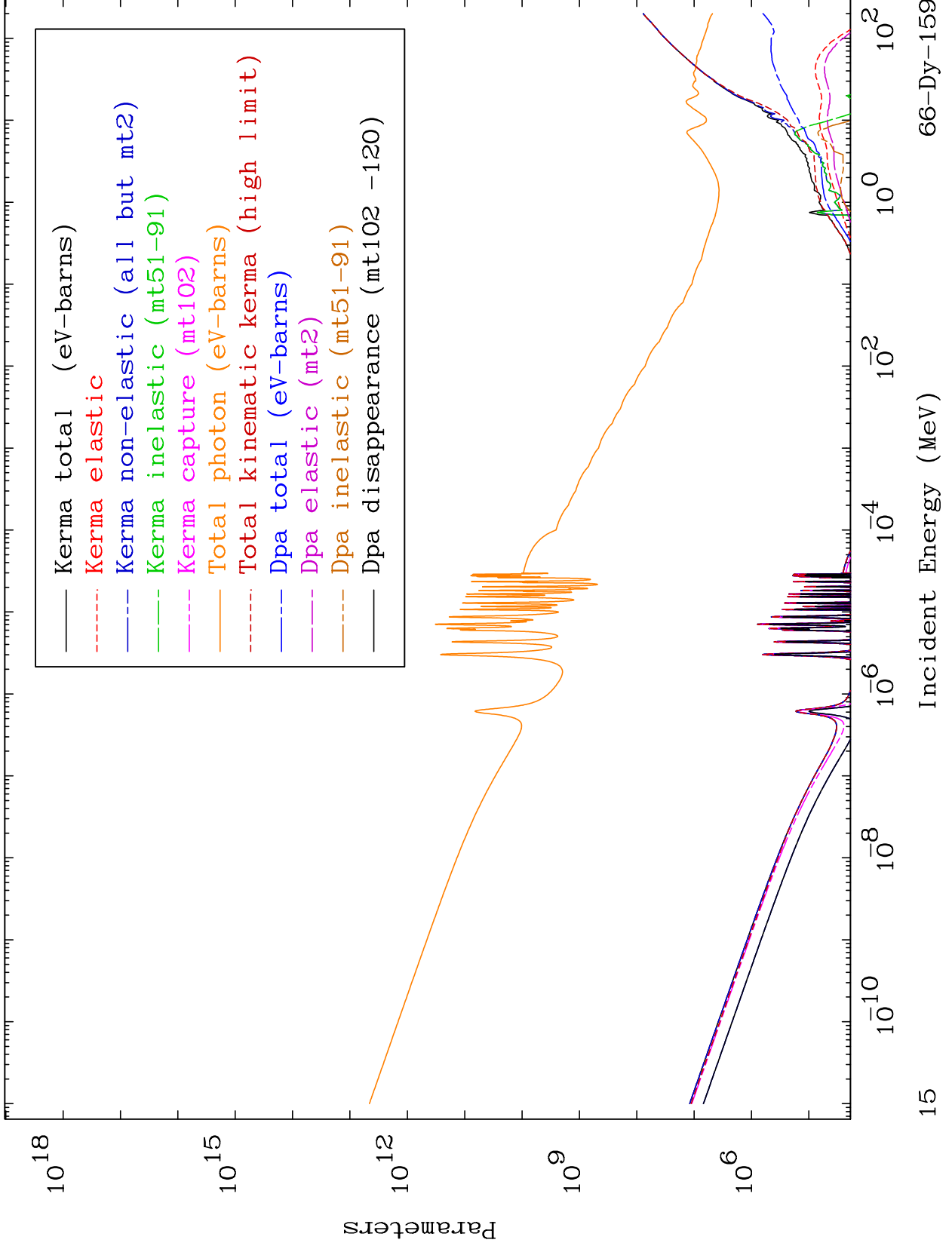


13

Incident Energy (MeV)

66-Dy-159



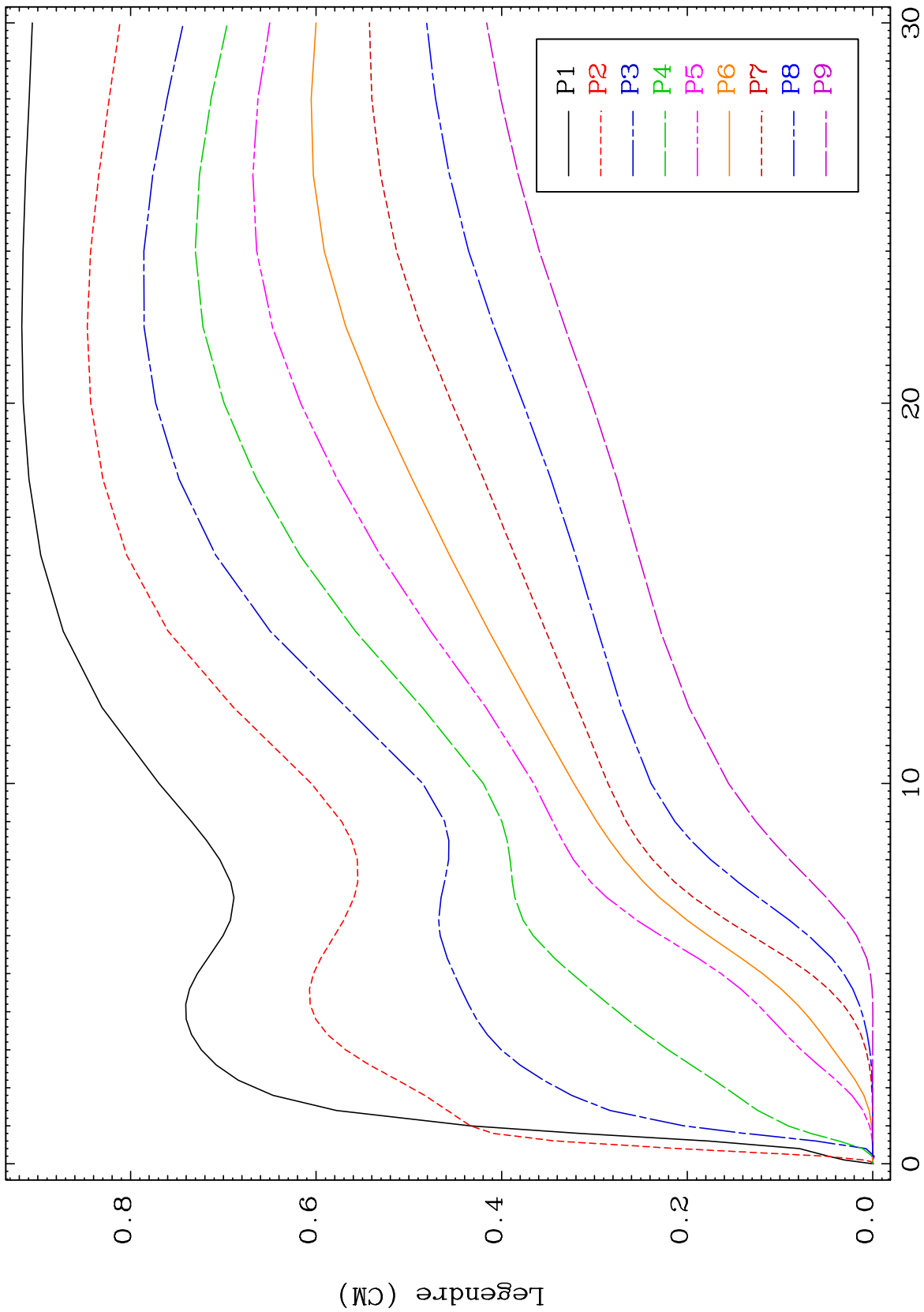




MAT 6634

Elastic Legendre Coefficients

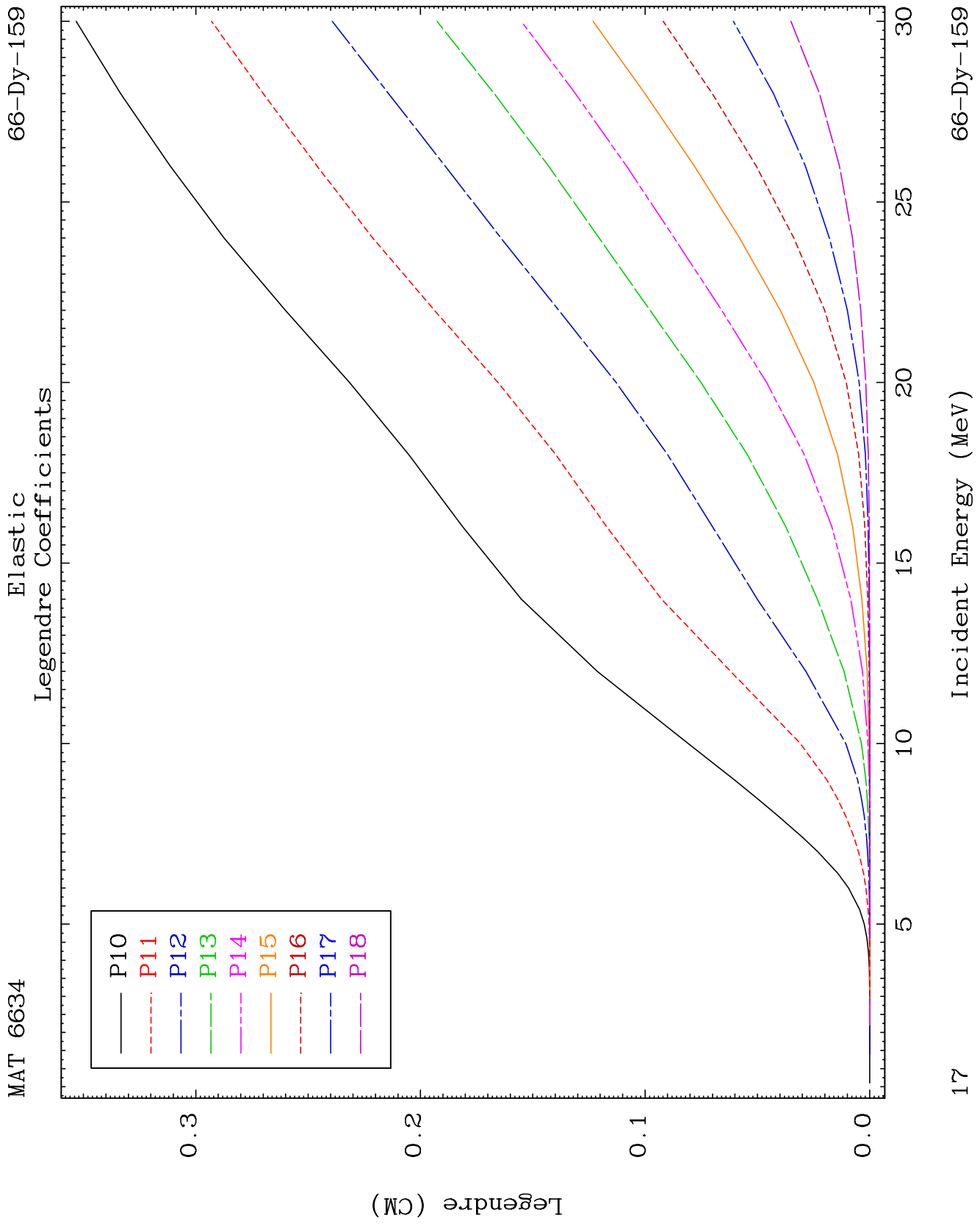
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16

Incident Energy (MeV)

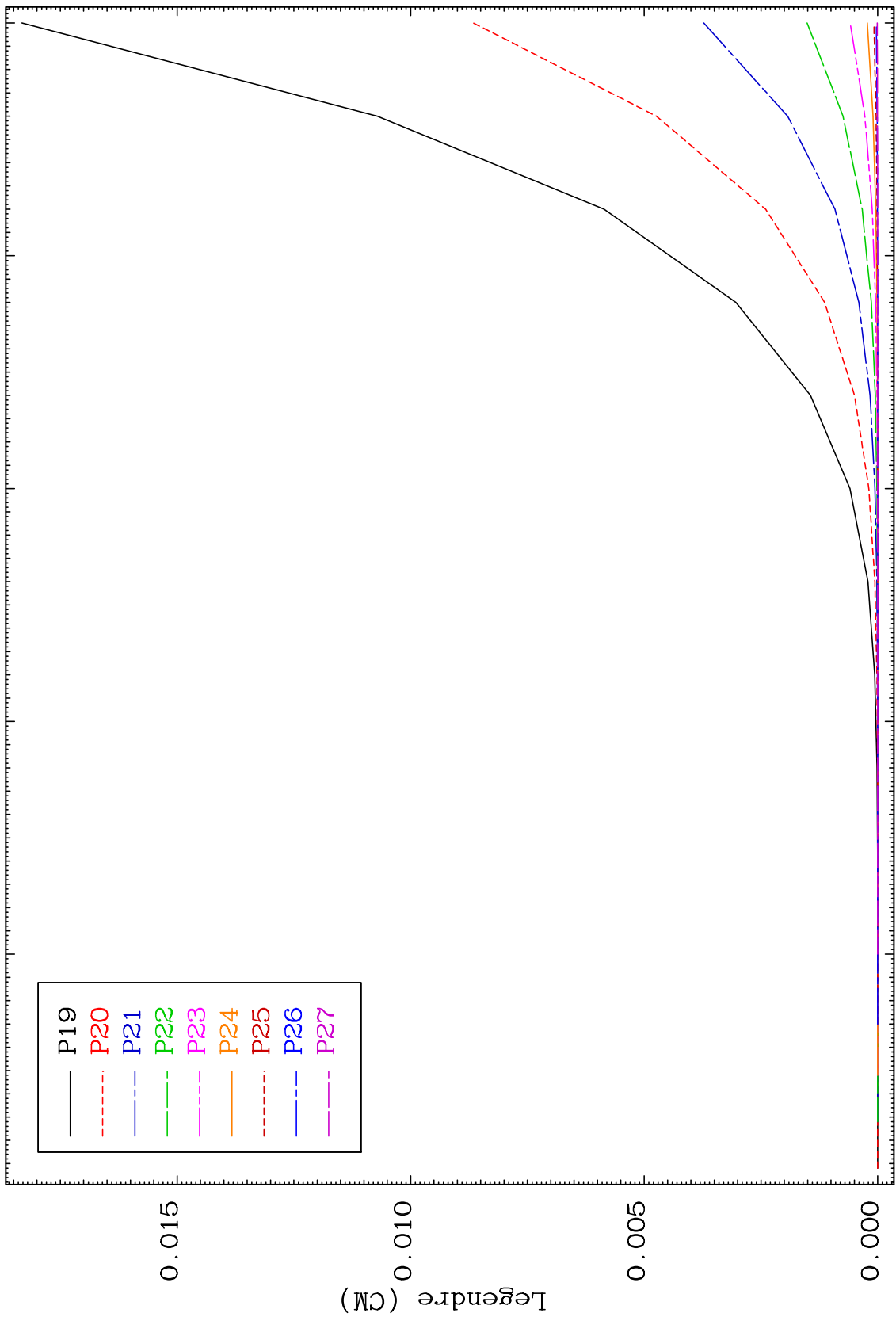
66-Dy-159



MAT 6634

Elastic Legendre Coefficients

66-Dy-159



18

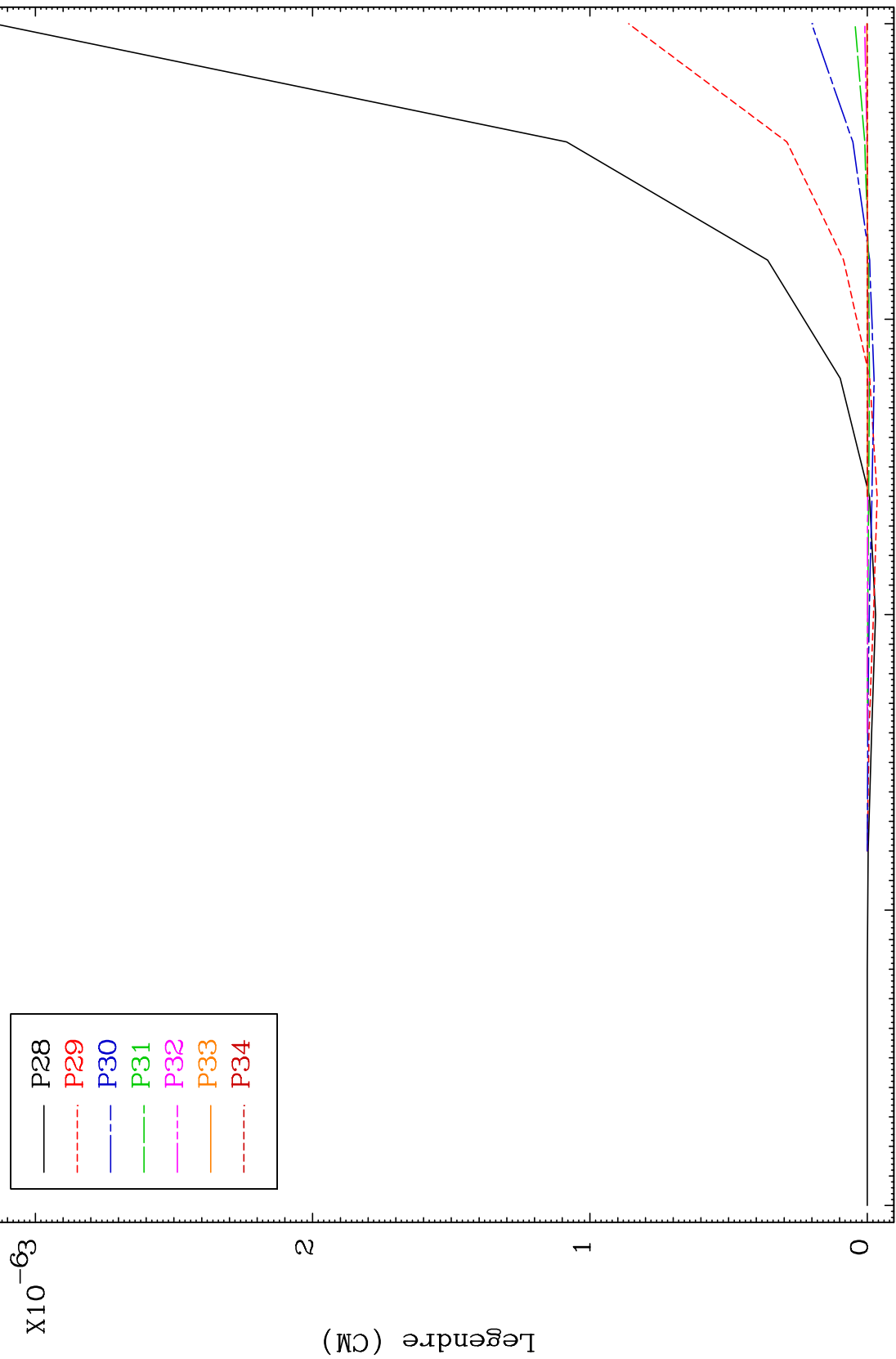
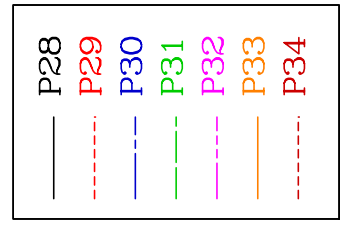
Incident Energy (MeV)

66-Dy-159

MAT 6634

Elastic Legendre Coefficients

66-Dy-159



66-Dy-159

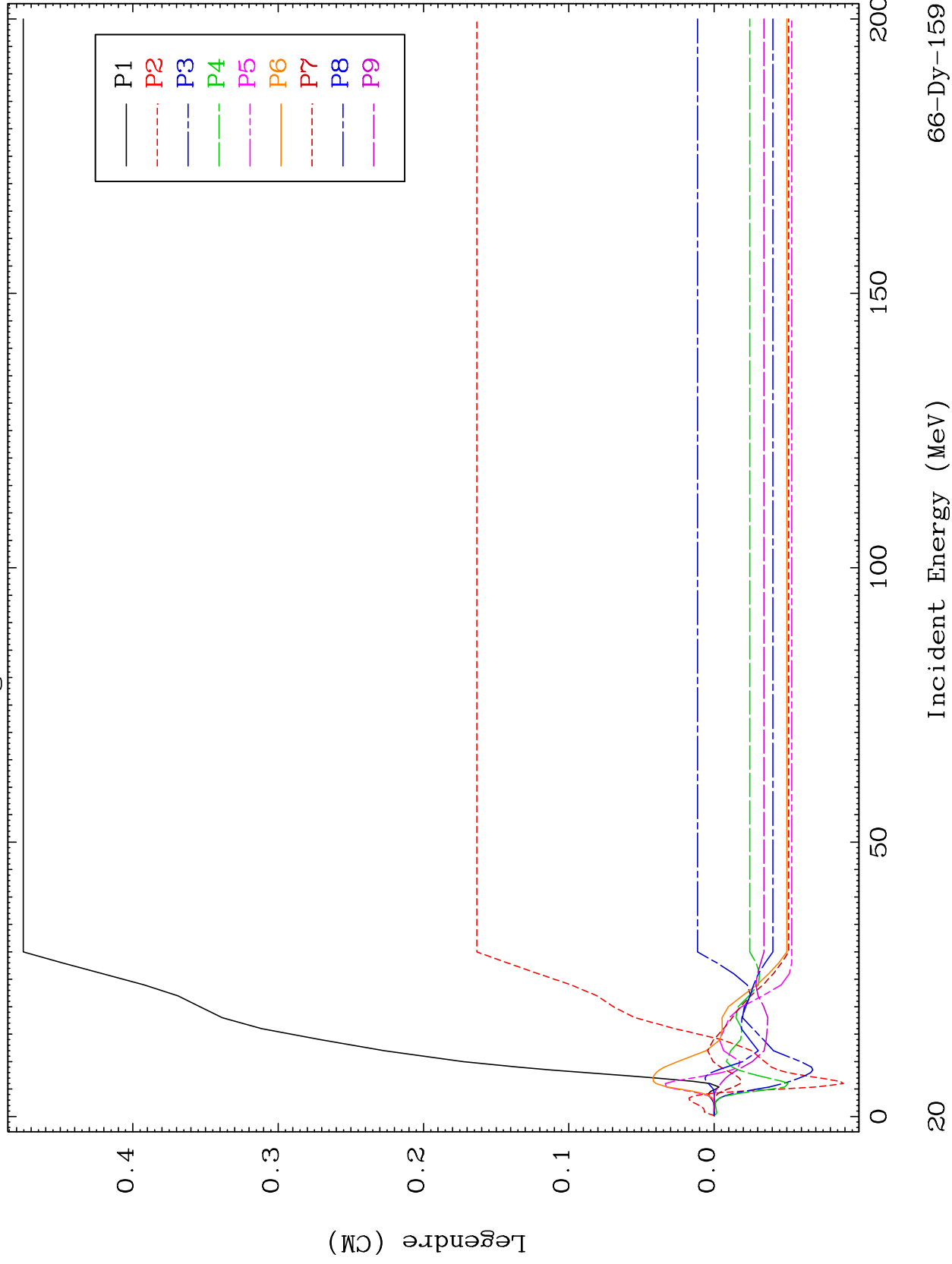
Incident Energy (MeV)

19

MAT 6634

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

66-Dy-159



66-Dy-159

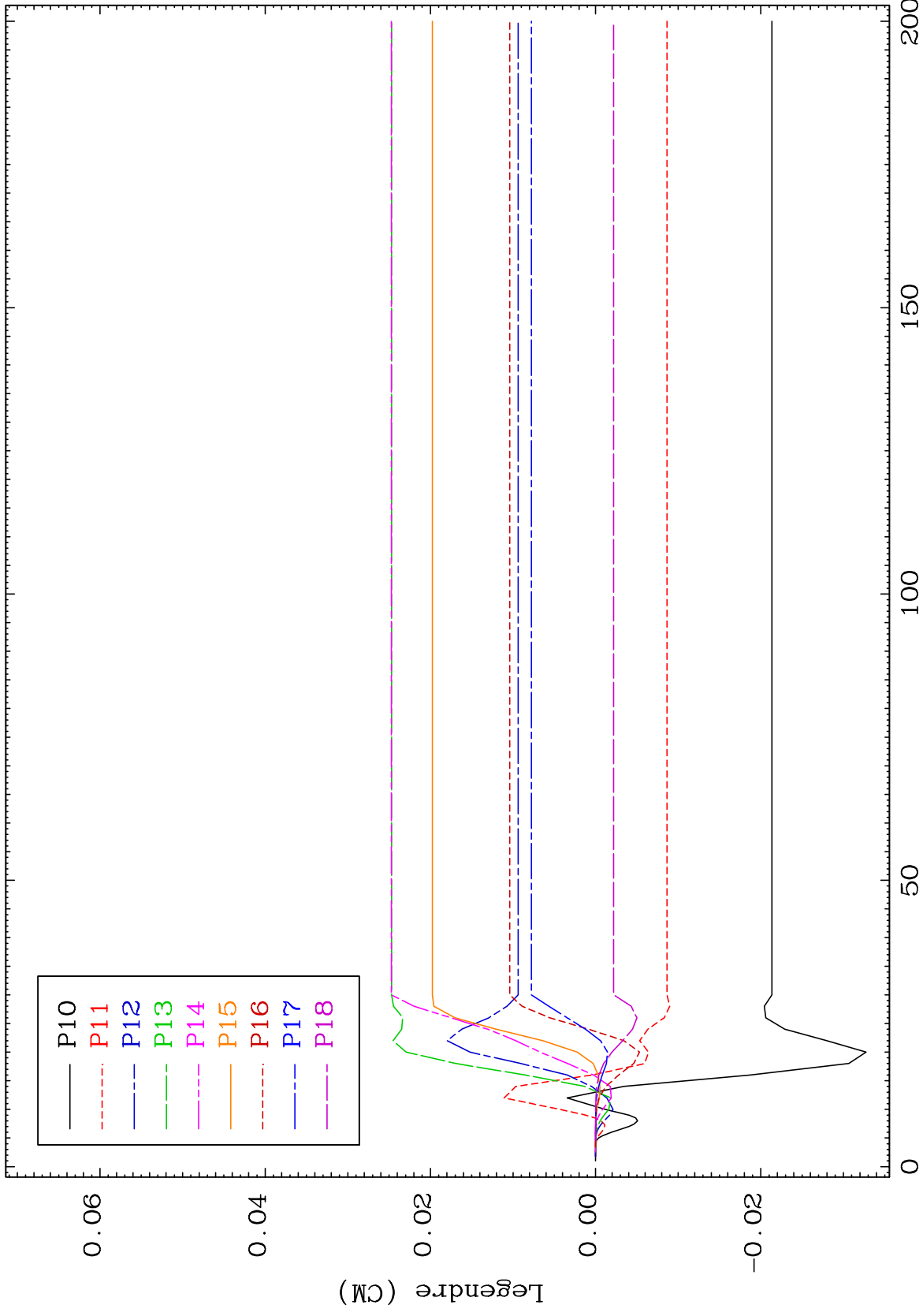
Incident Energy (MeV)

0

MAT 6634

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

66-Dy-159



21

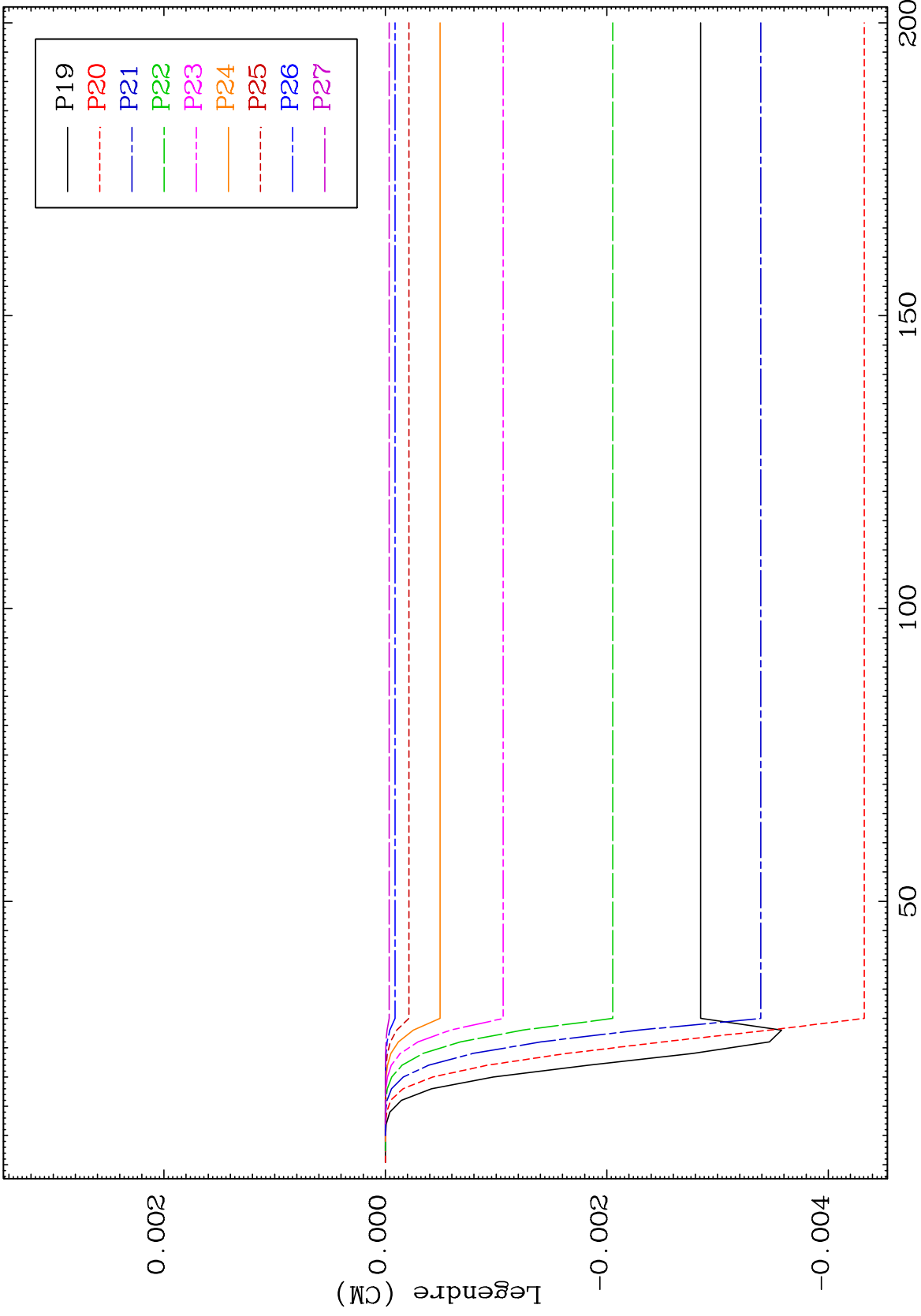
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

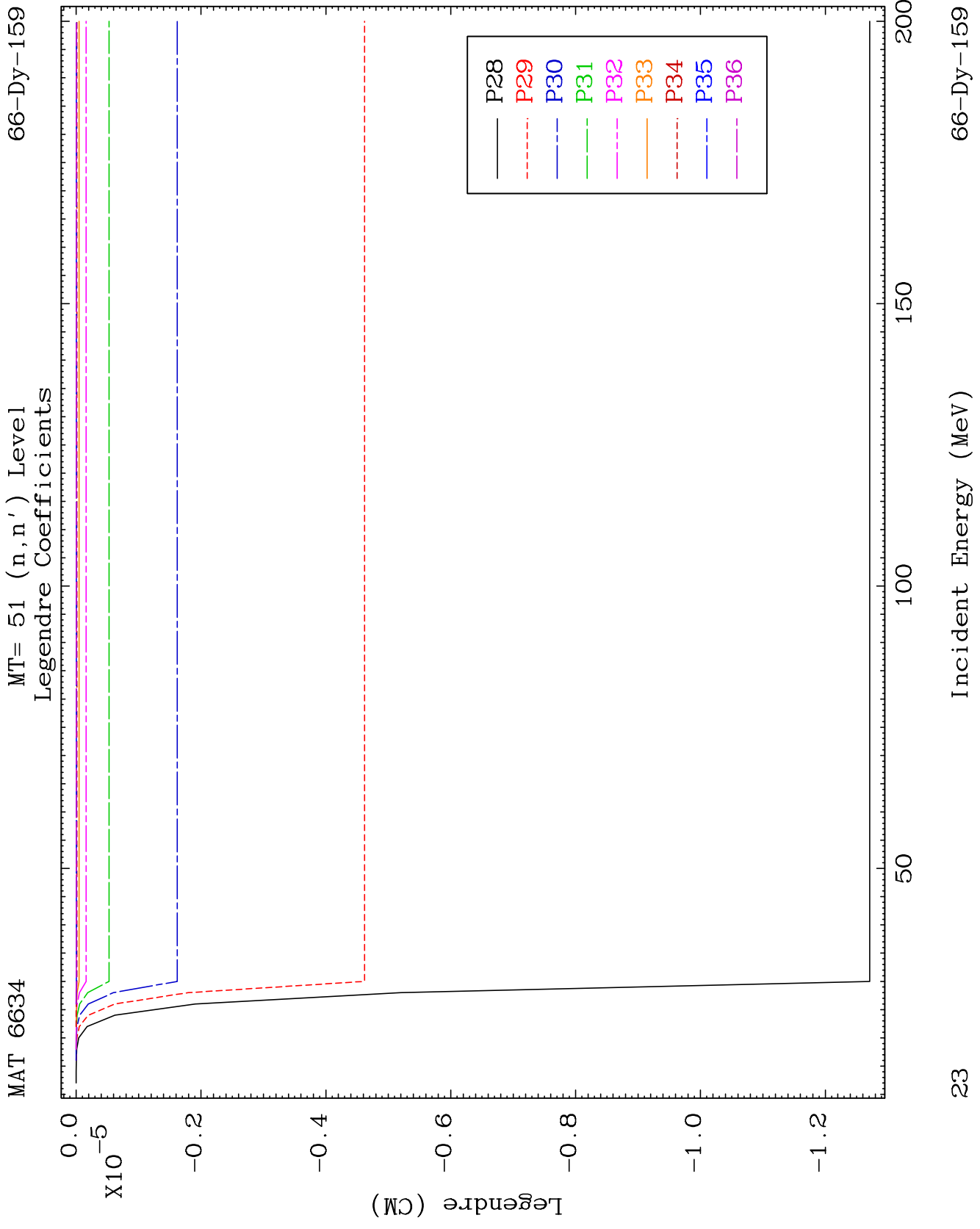
66-Dy-159



22

Incident Energy (MeV)

66-Dy-159



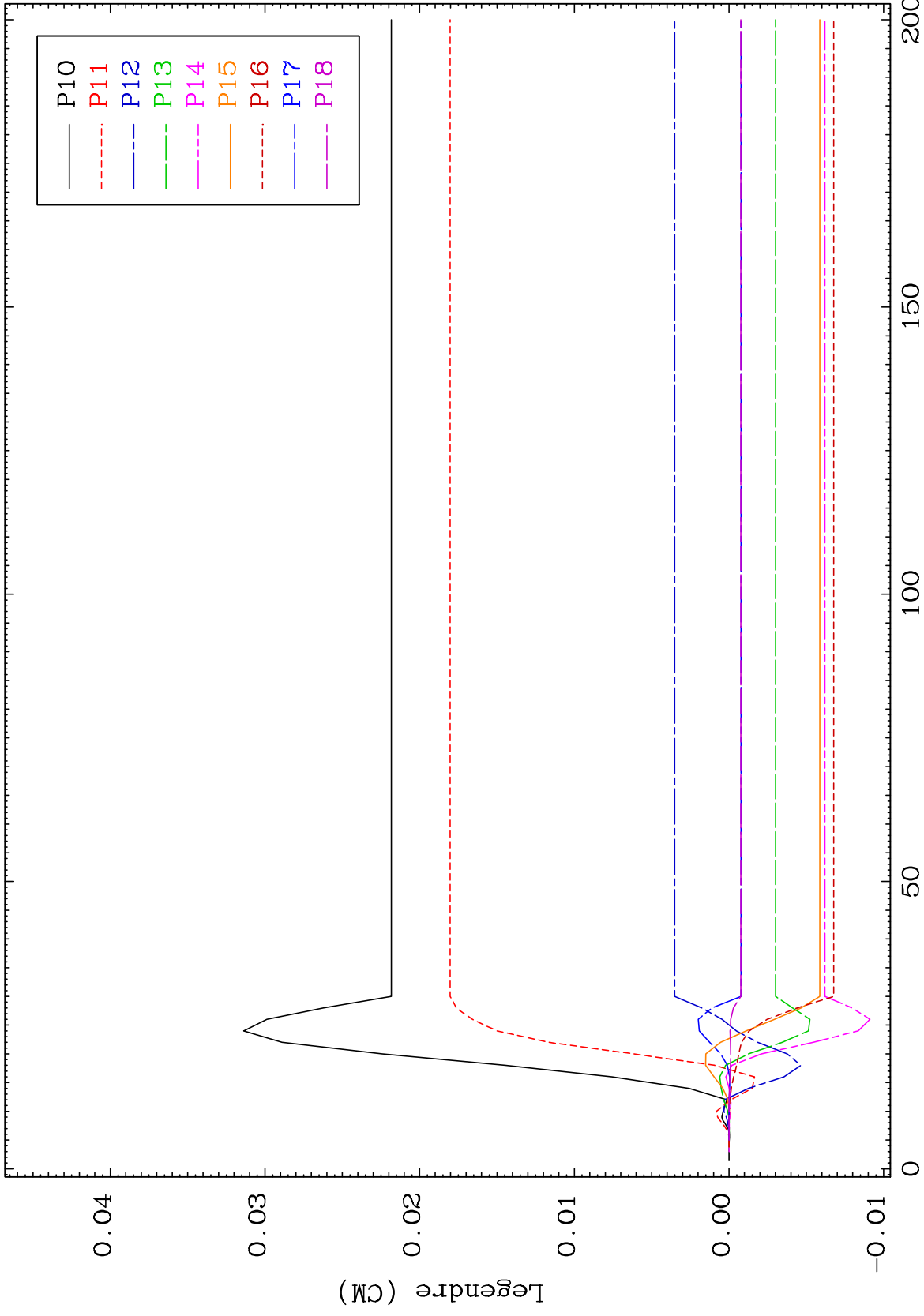




MAT 6634

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

66-Dy-159



25

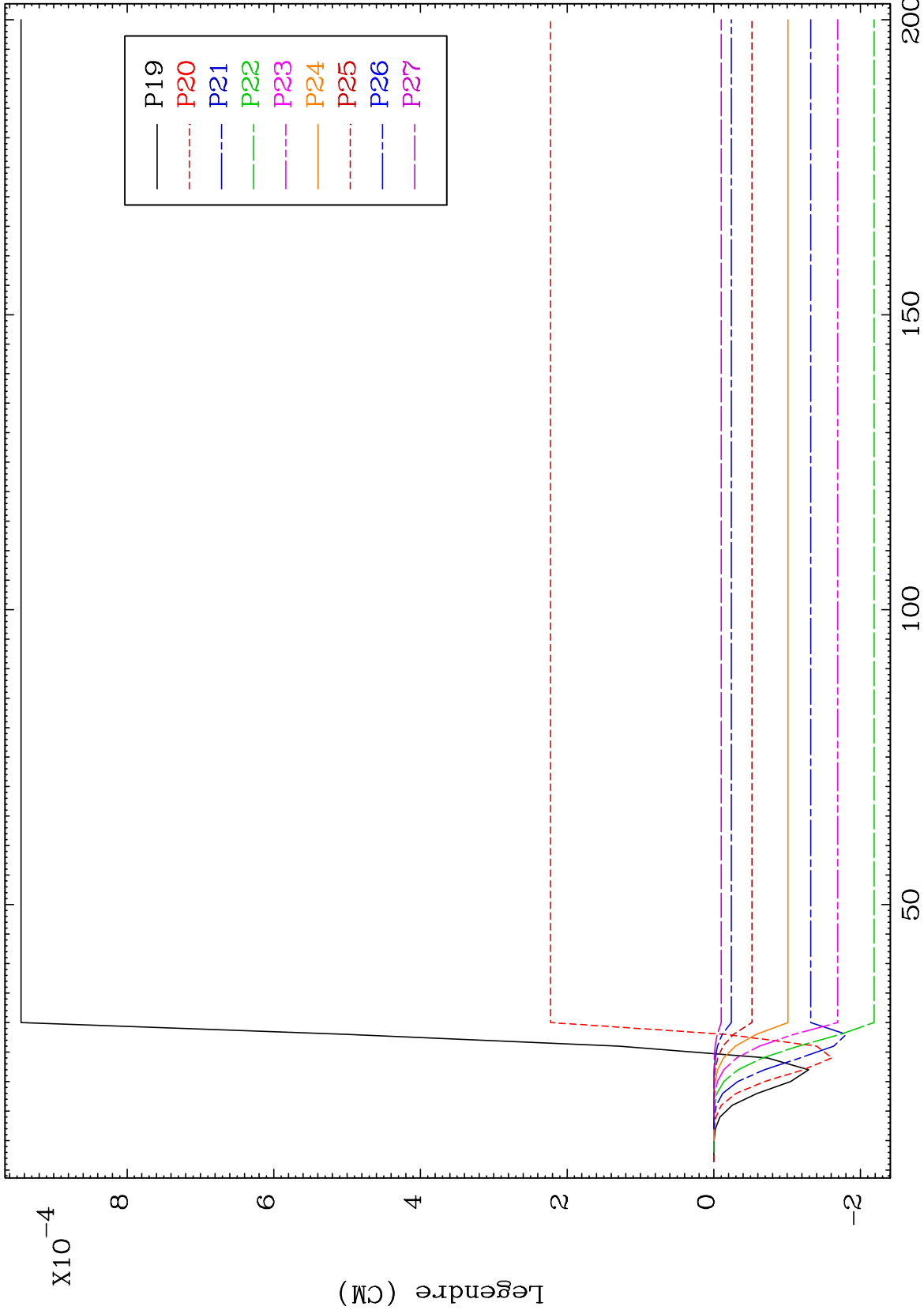
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

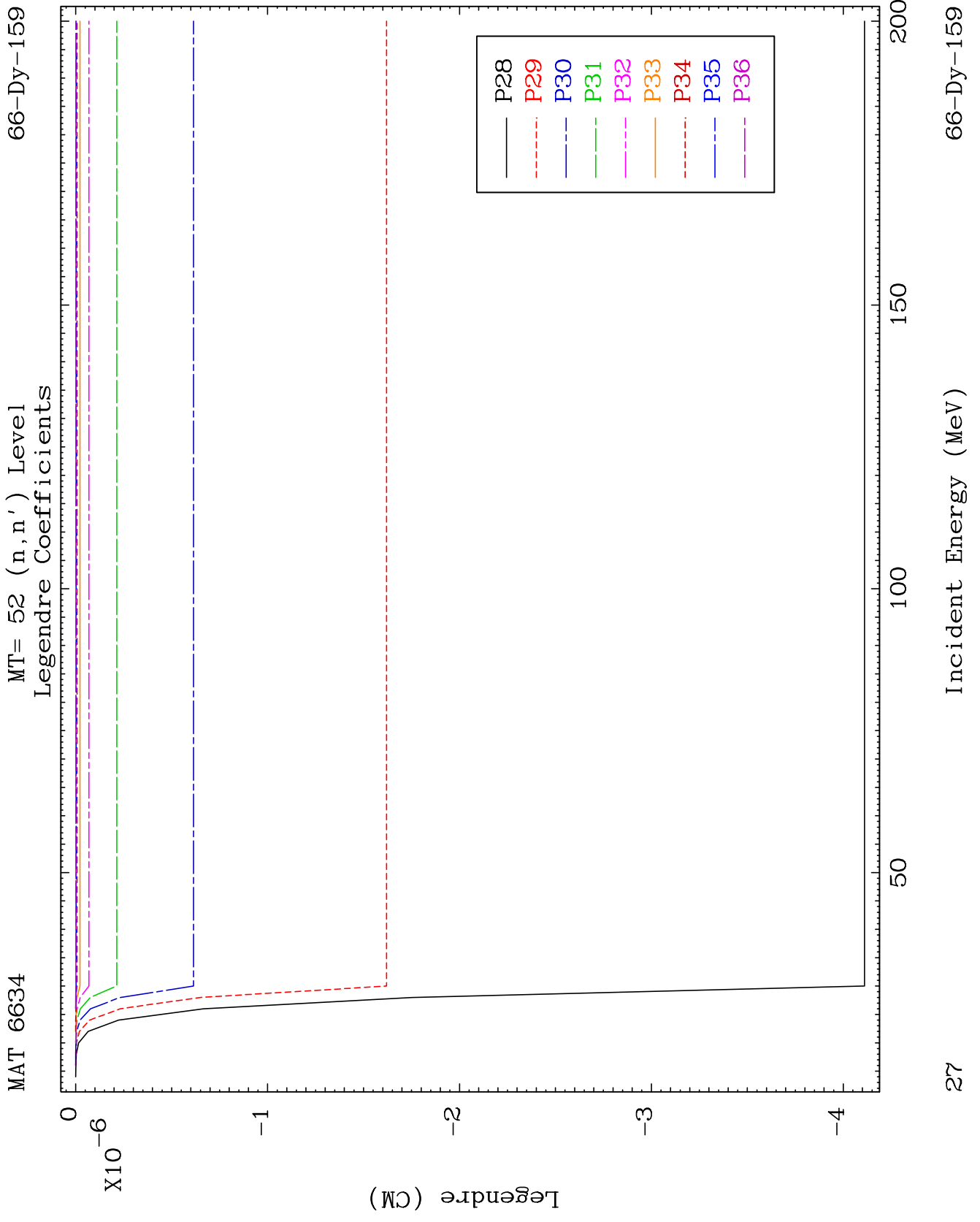
66-Dy-159



26

Incident Energy (MeV)

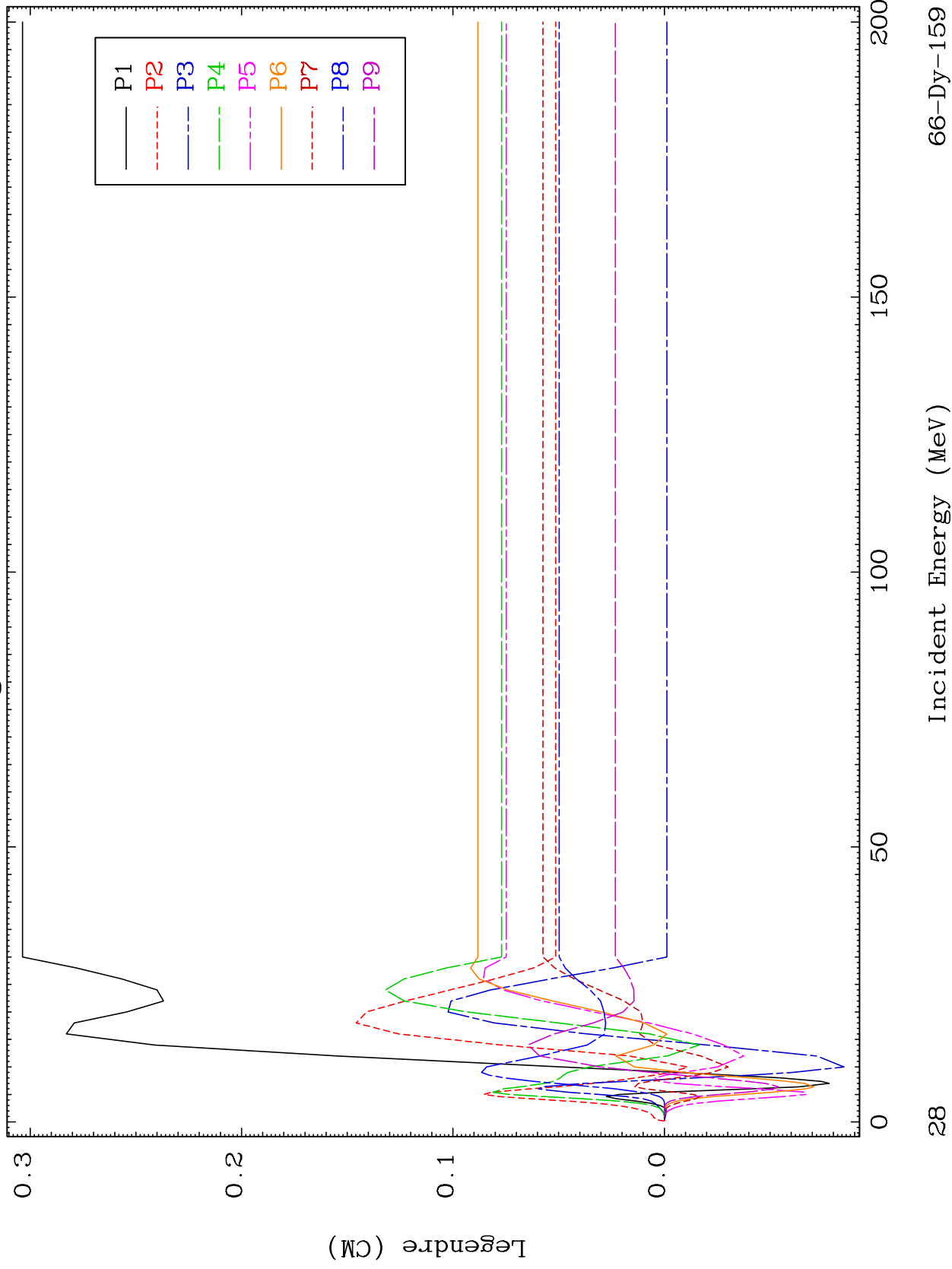
66-Dy-159



MAT 6634

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

66-Dy-159



66-Dy-159

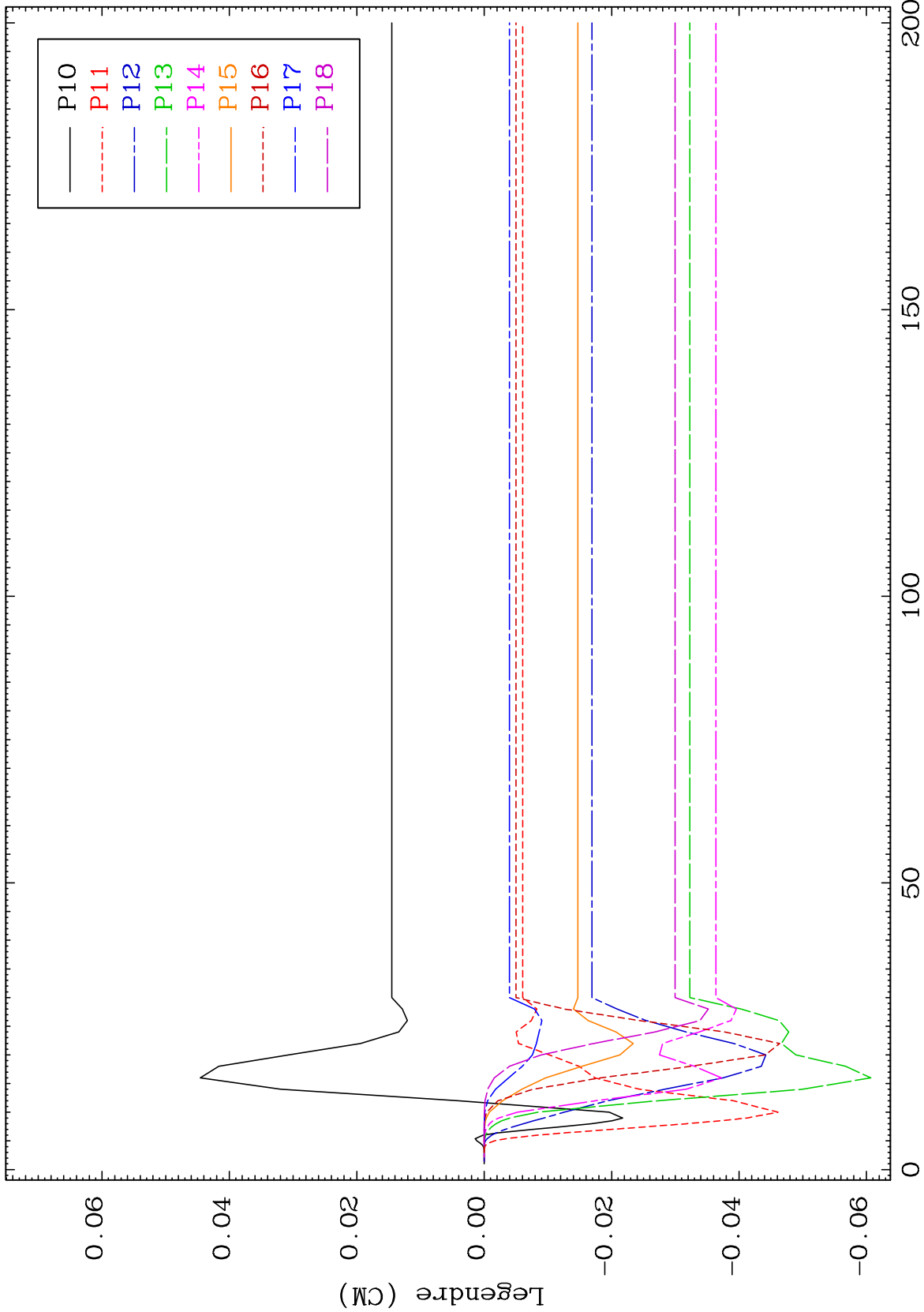
Incident Energy (MeV)

28

MAT 6634

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

66-Dy-159



29

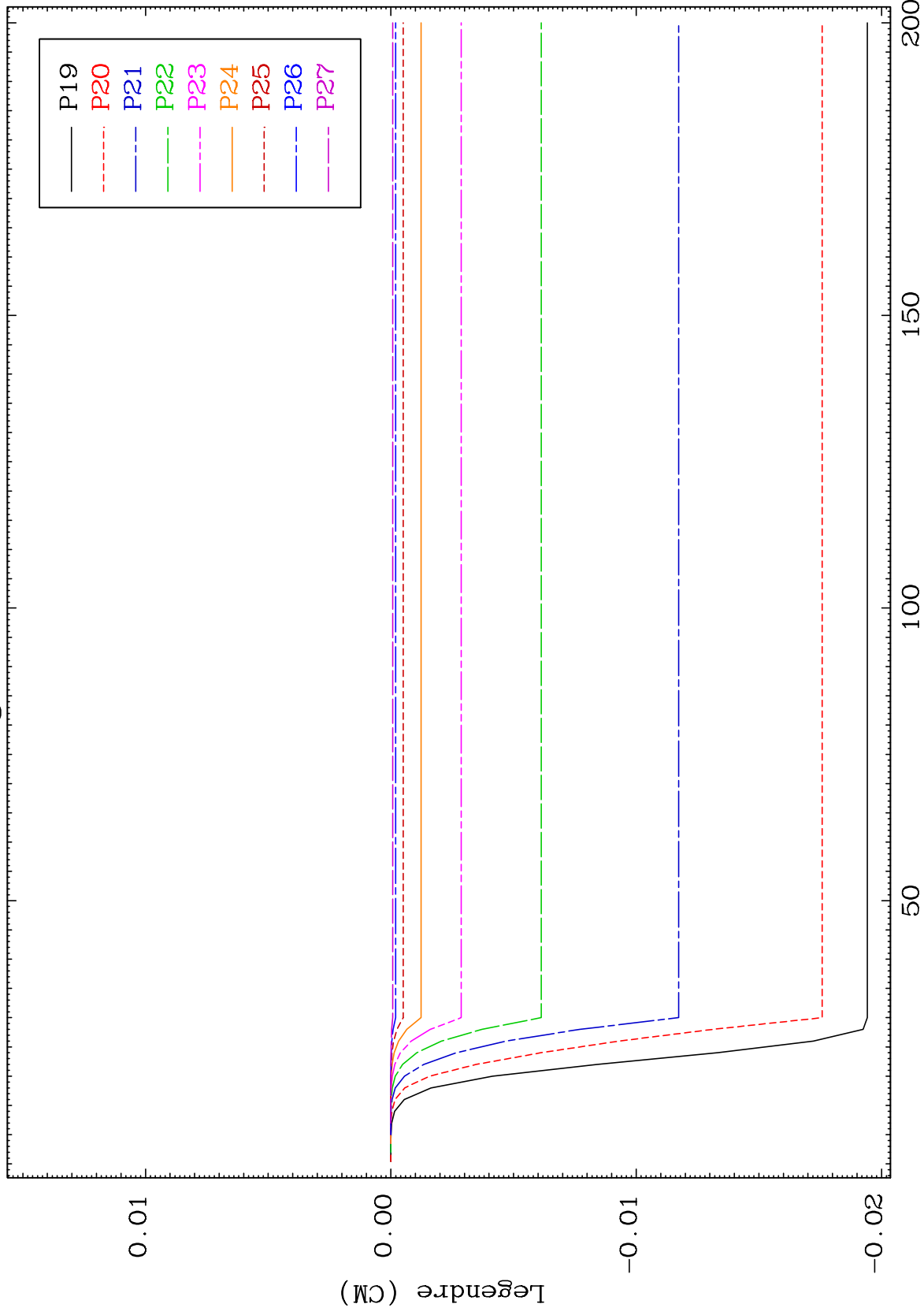
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



30

Incident Energy (MeV)

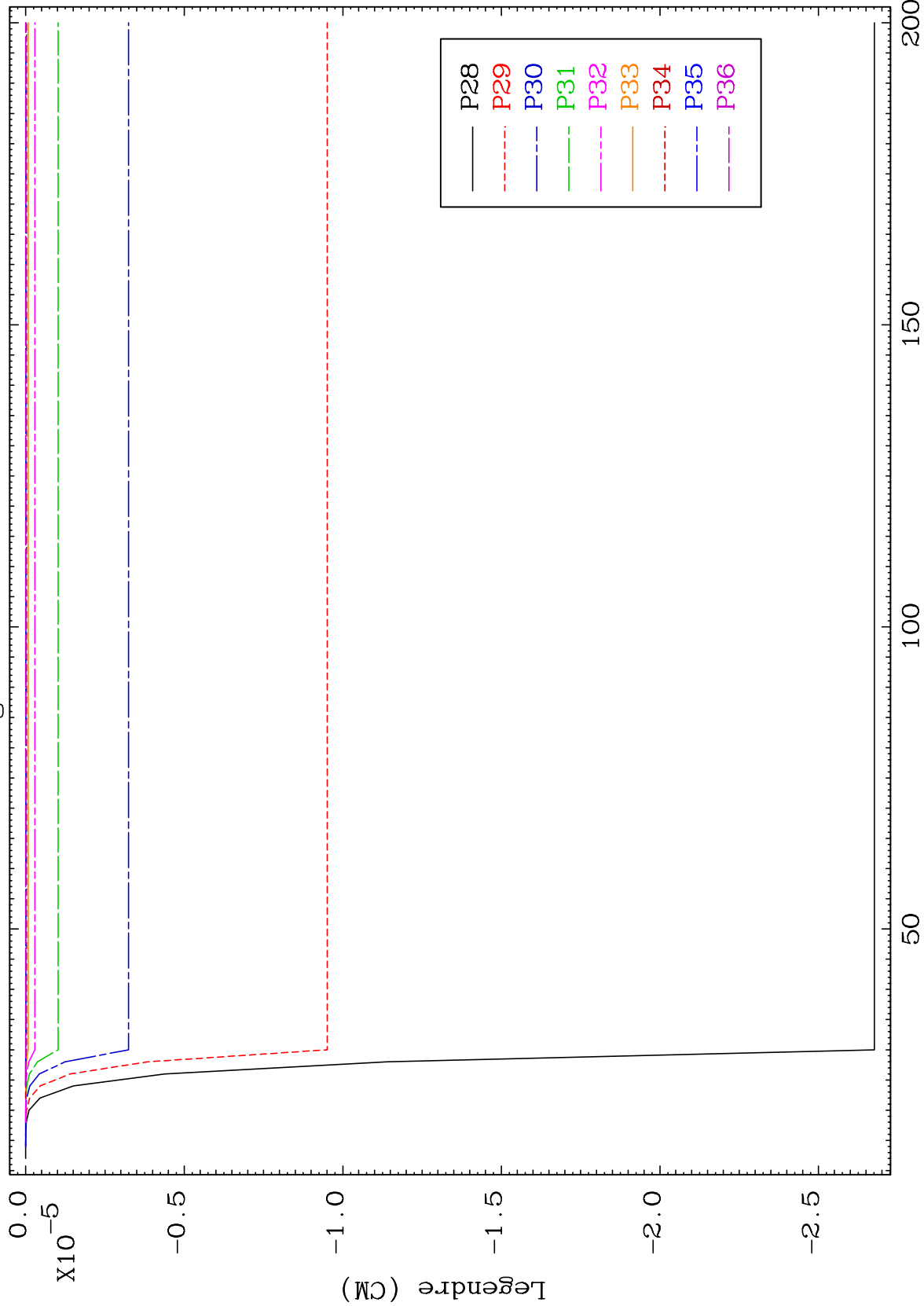
66-Dy-159

MAT 6634

MT= 53 (n,n') Level

66-Dy-159

Legendre Coefficients



66-Dy-159

Incident Energy (MeV)

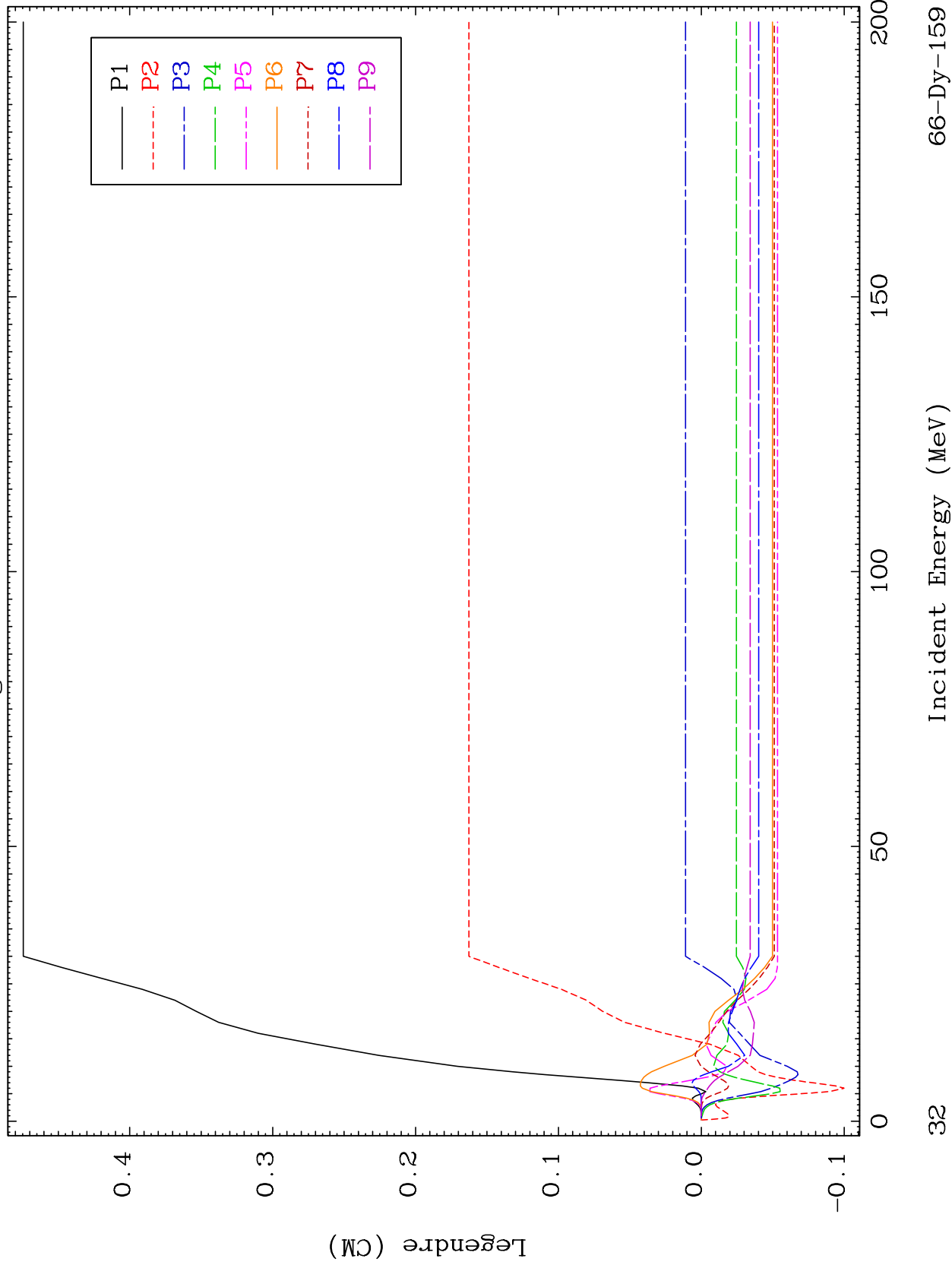
31



MAT 6634

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

66-Dy-159



66-Dy-159

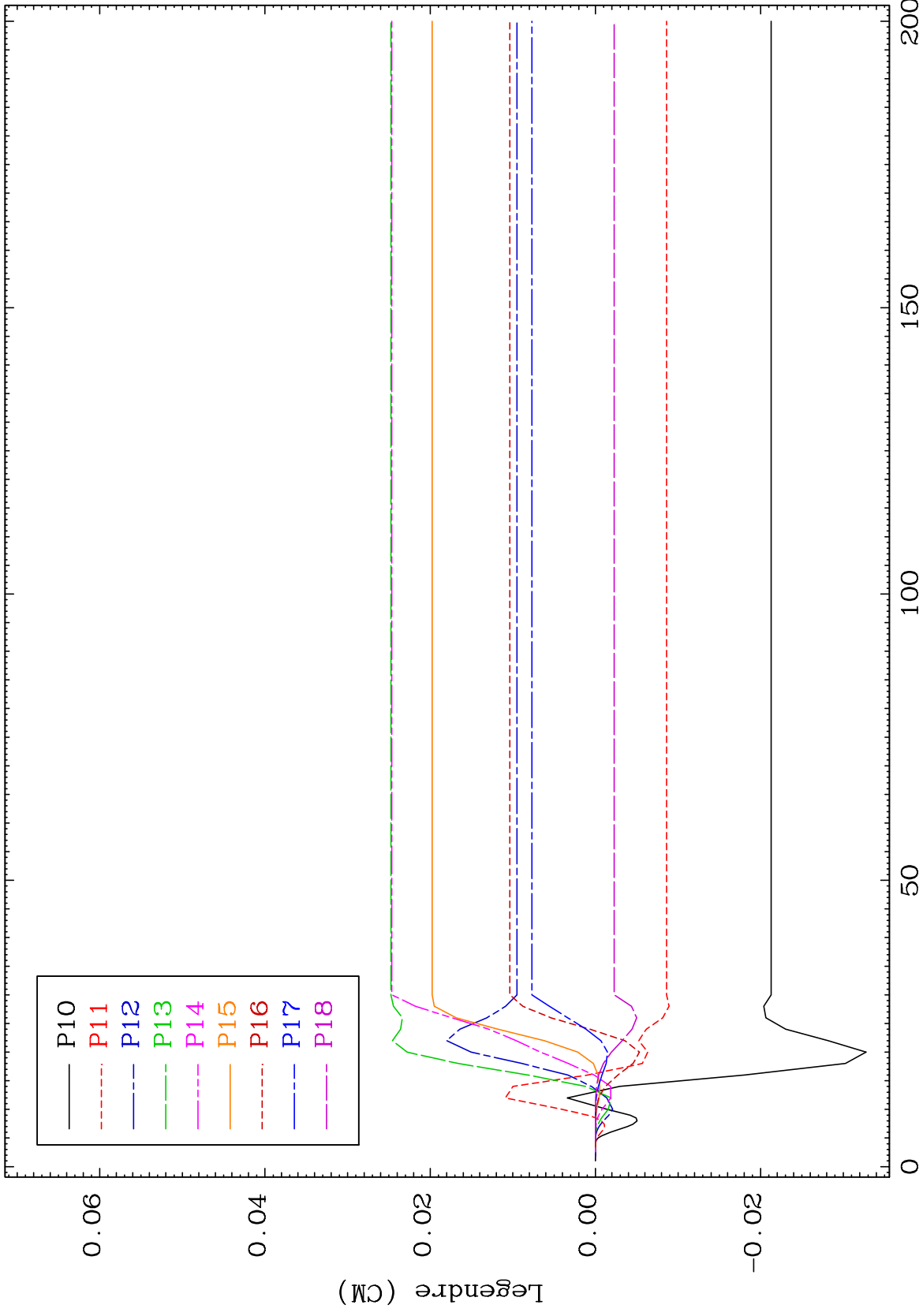
Incident Energy (MeV)

32

MAT 6634

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

66-Dy-159



33

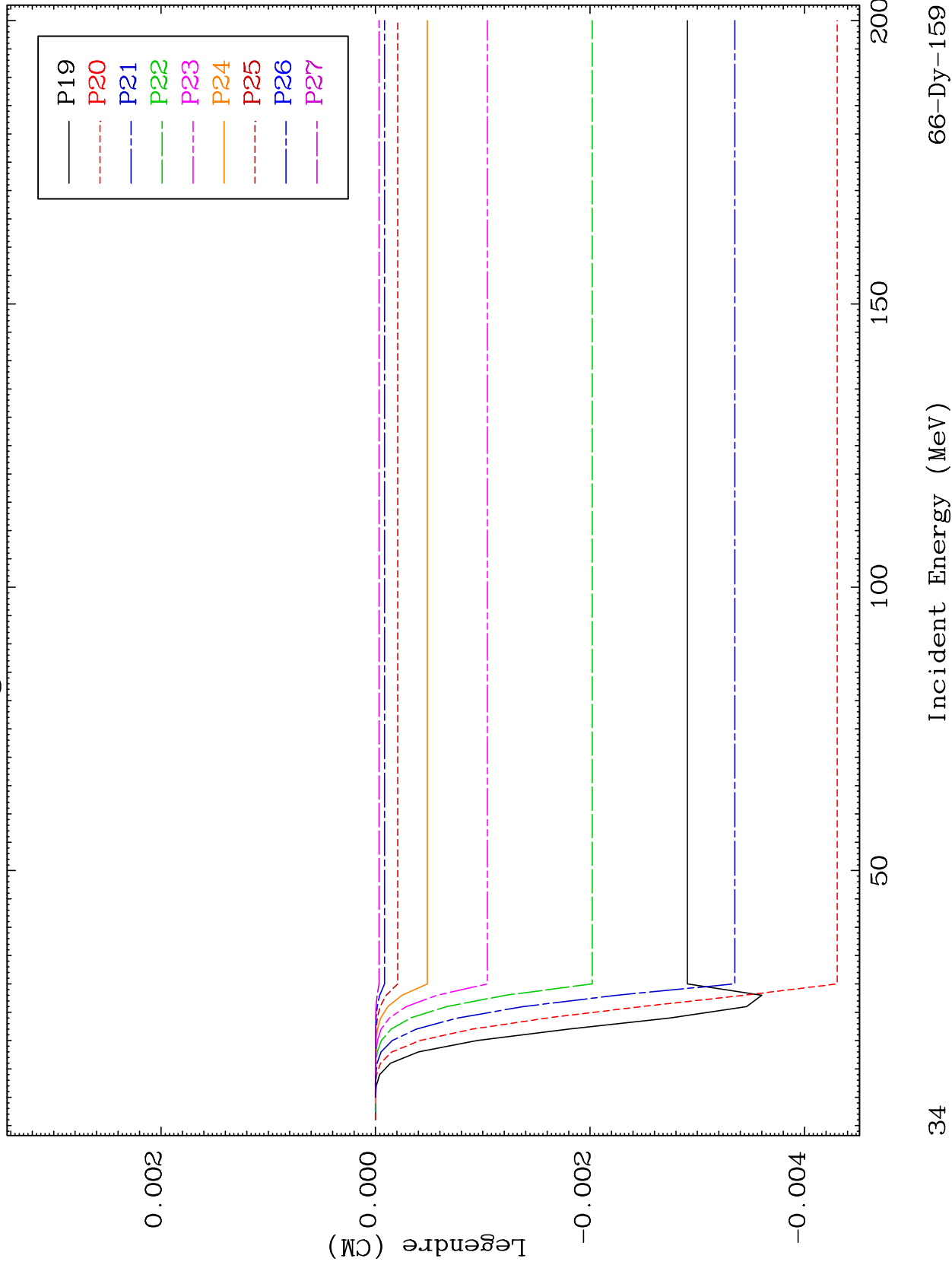
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

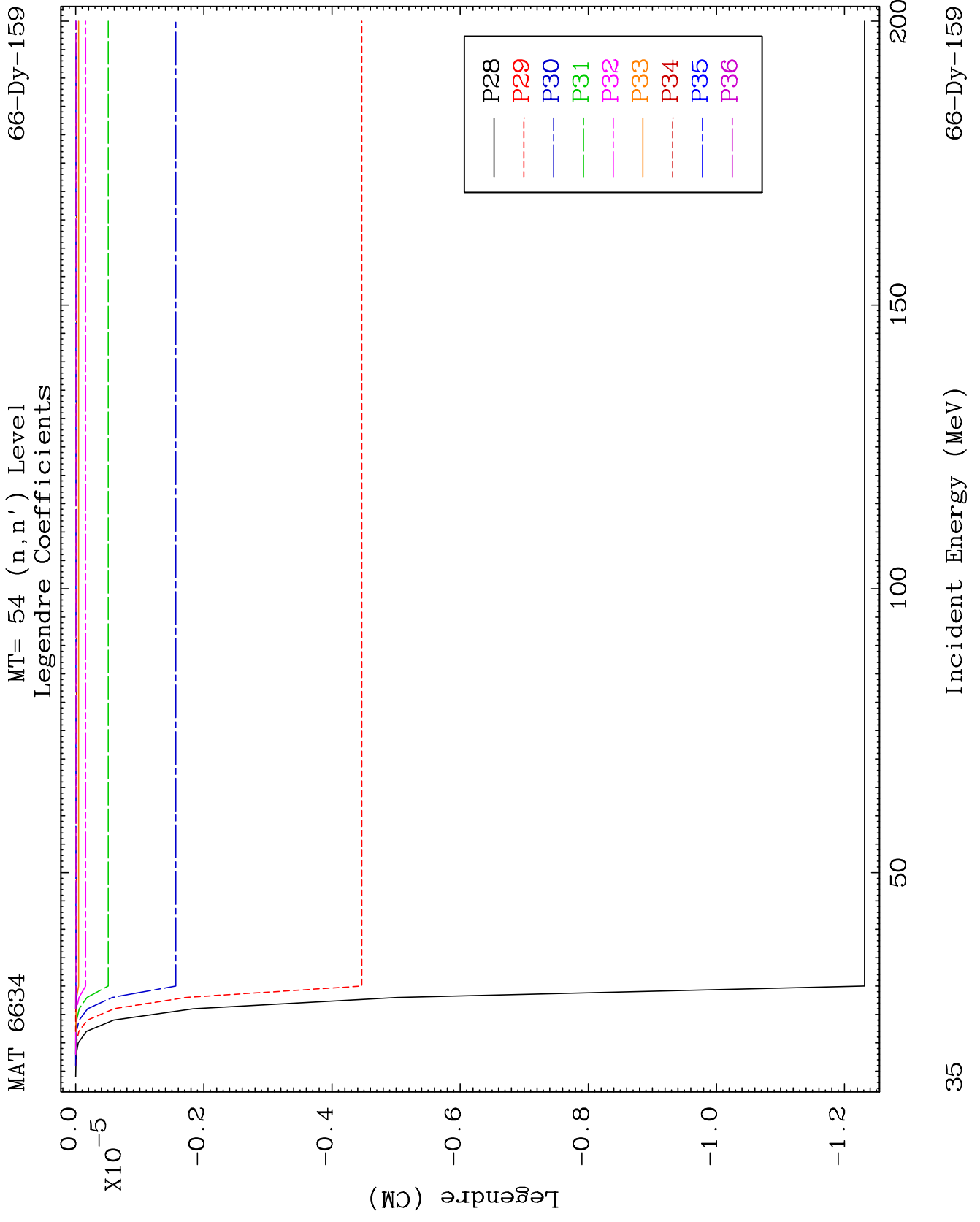
66-Dy-159



34

Incident Energy (MeV)

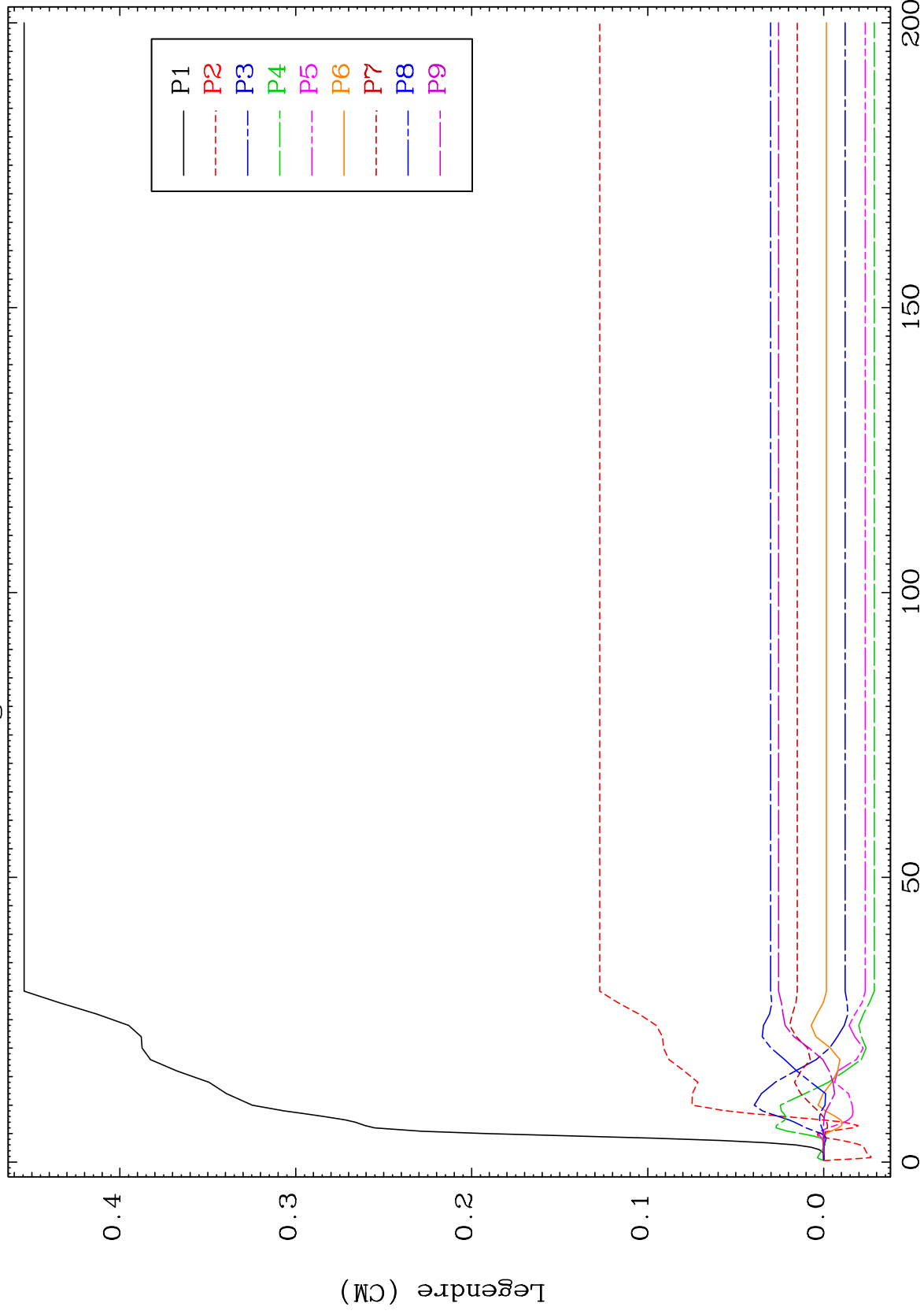
66-Dy-159



MAT 6634

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

66-Dy-159



36

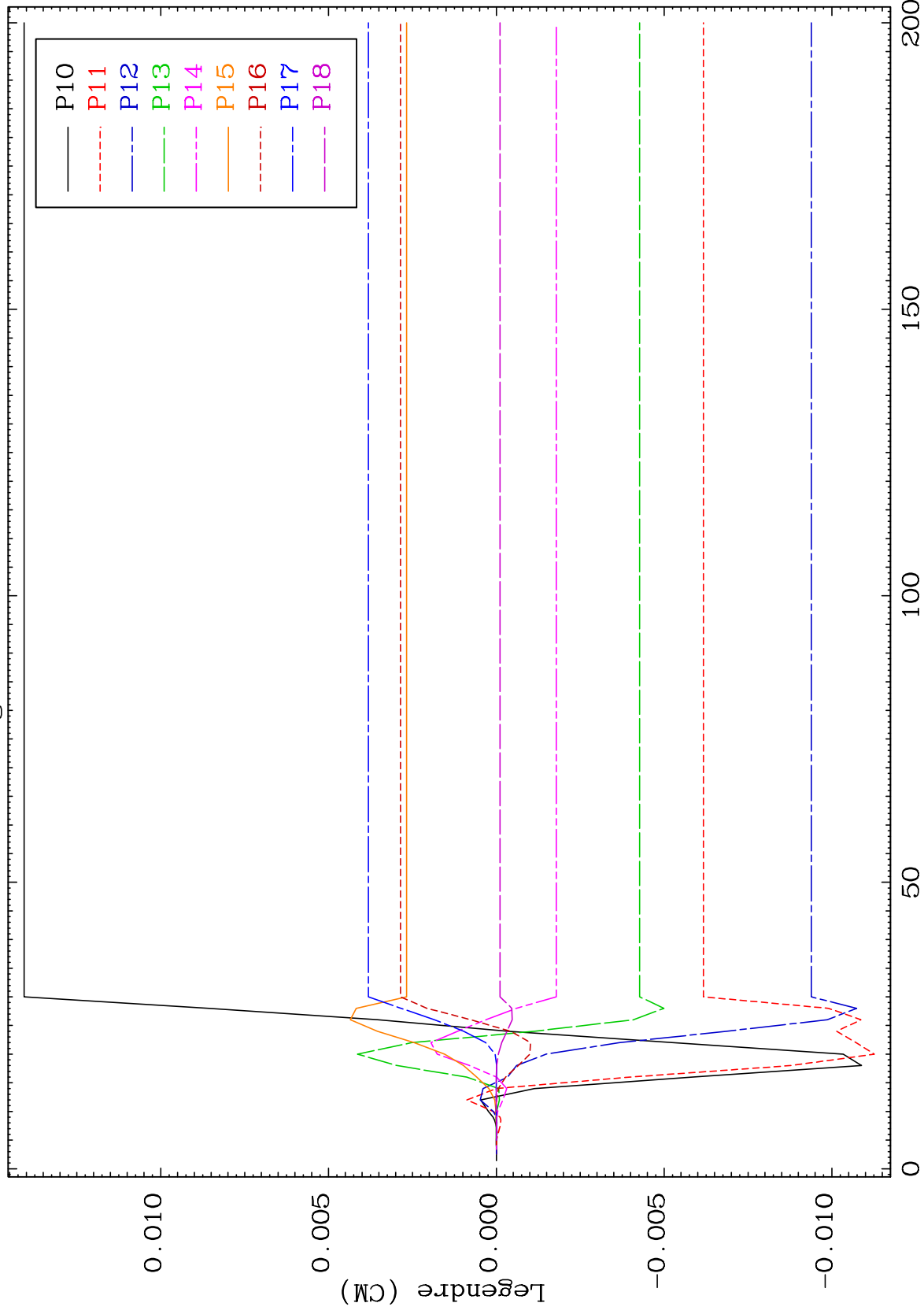
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



37

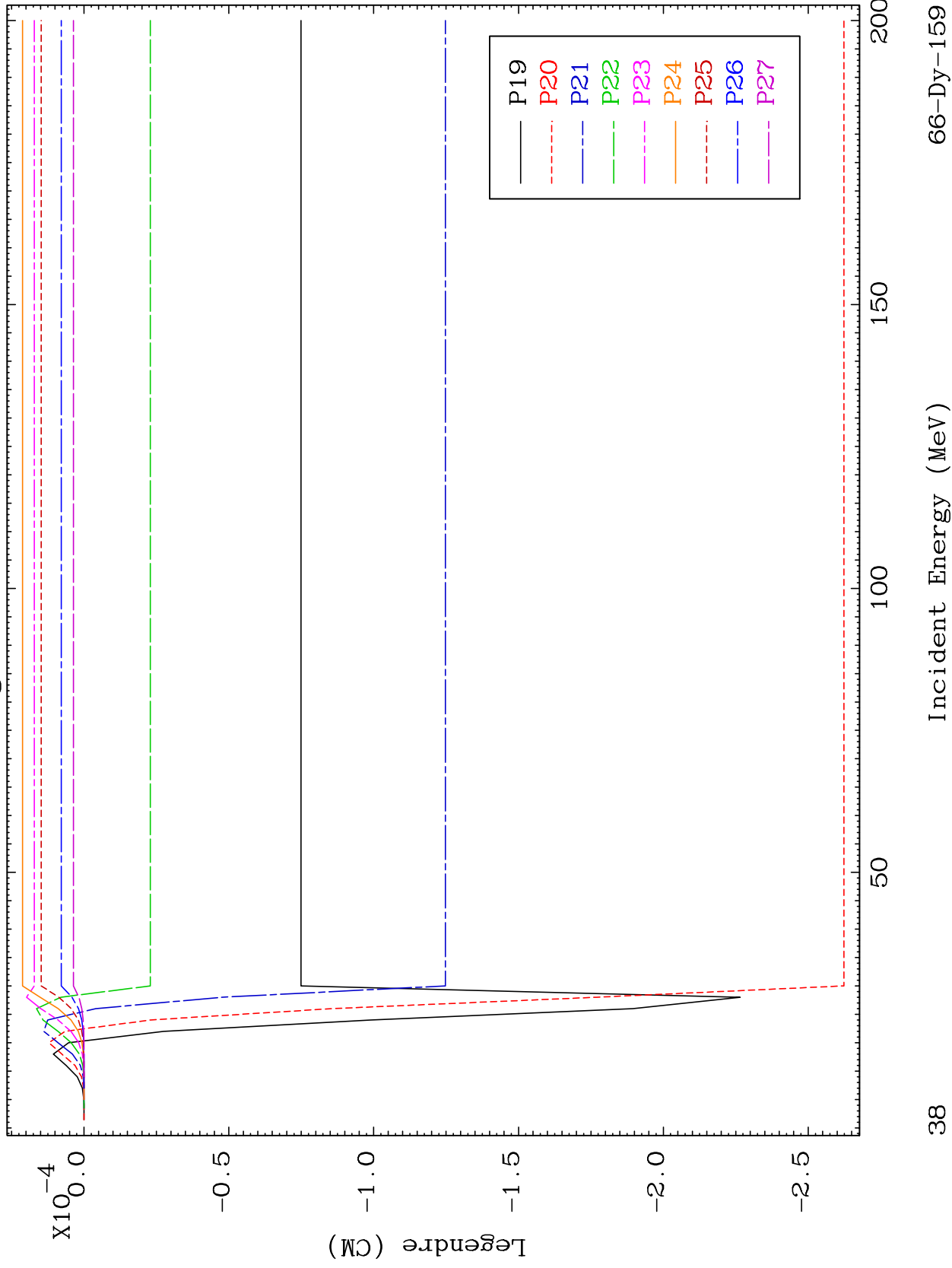
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



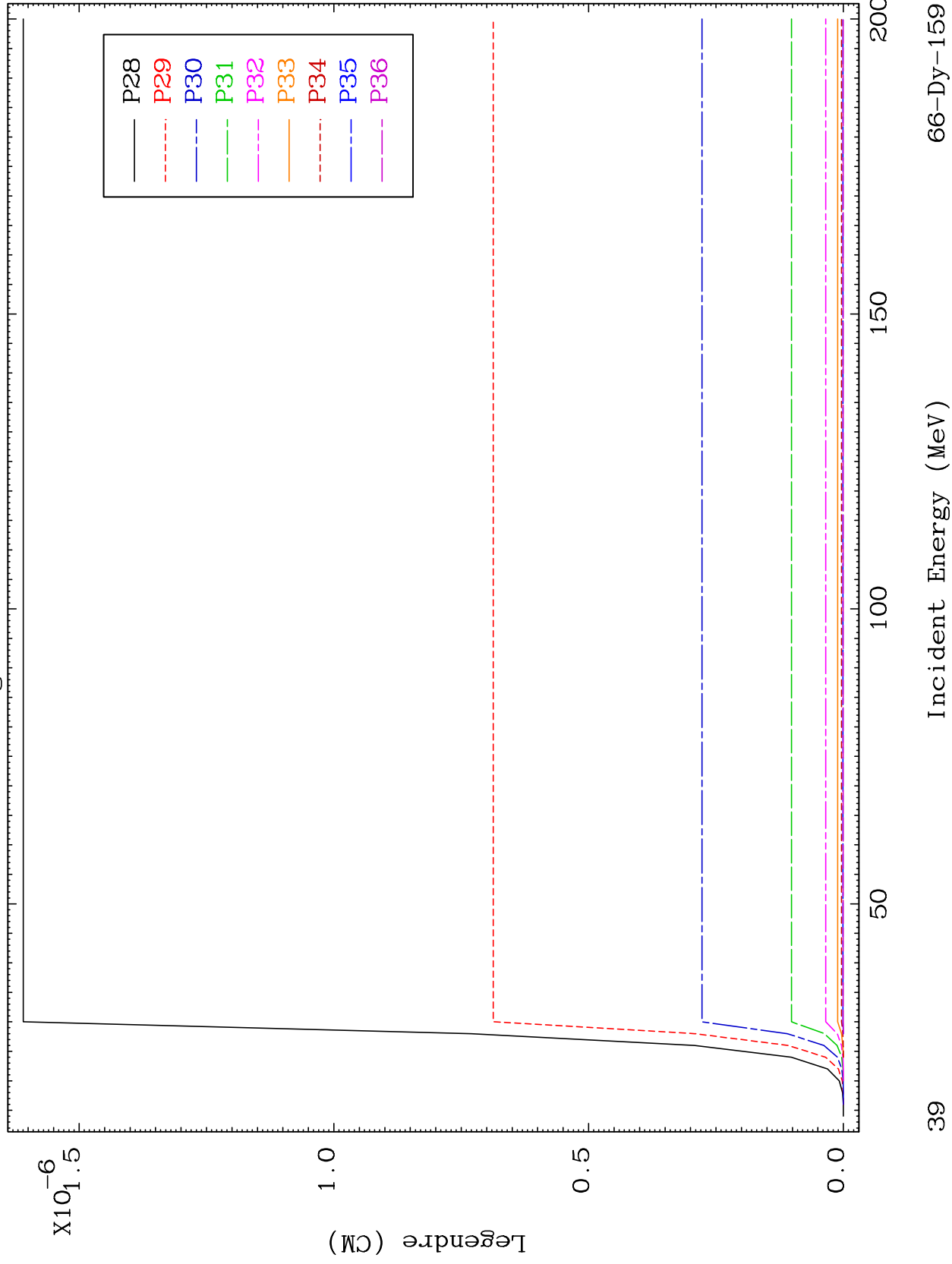
38

66-Dy-159

MAT 6634

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

66-Dy-159

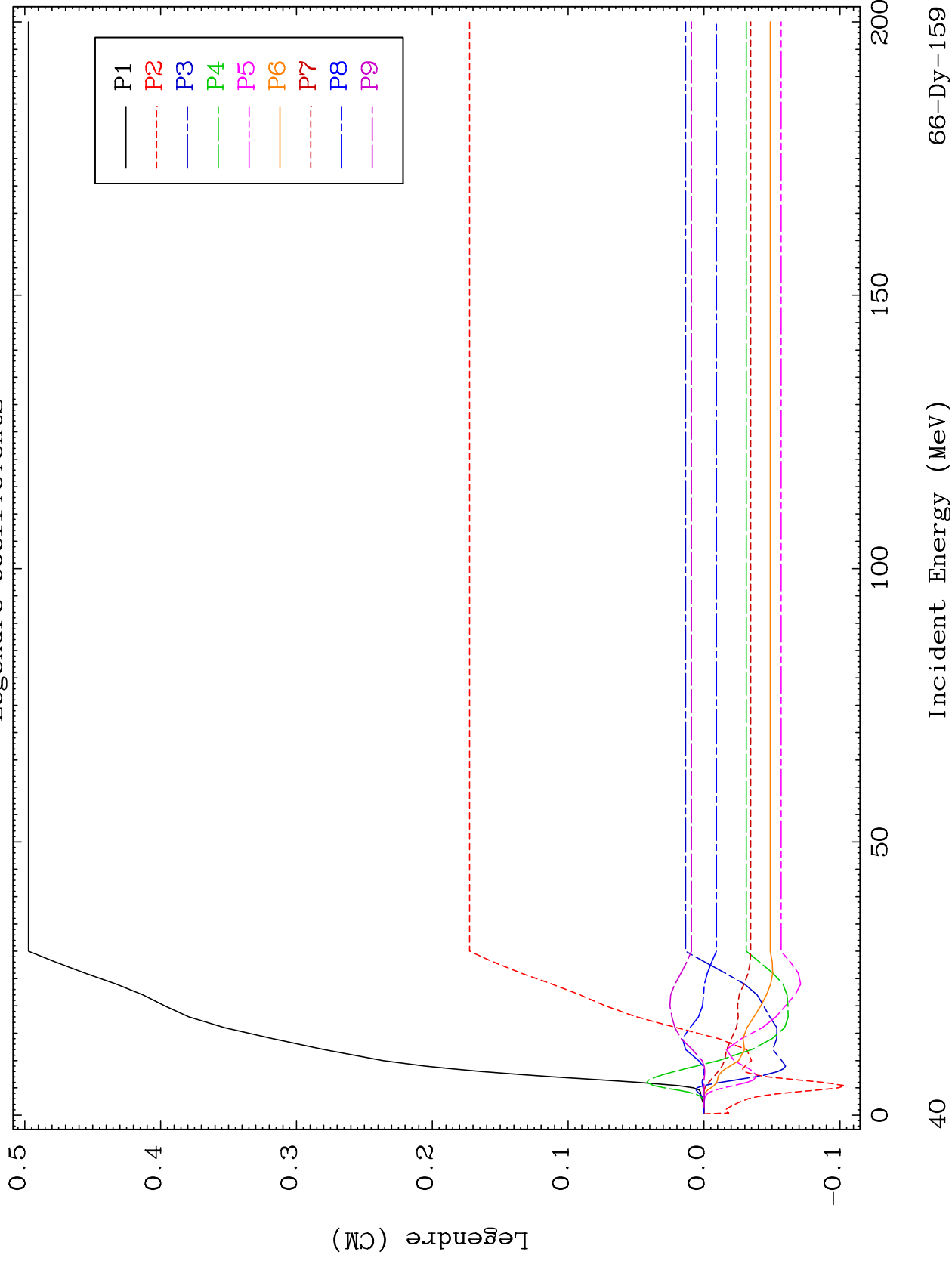




MAT 6634

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

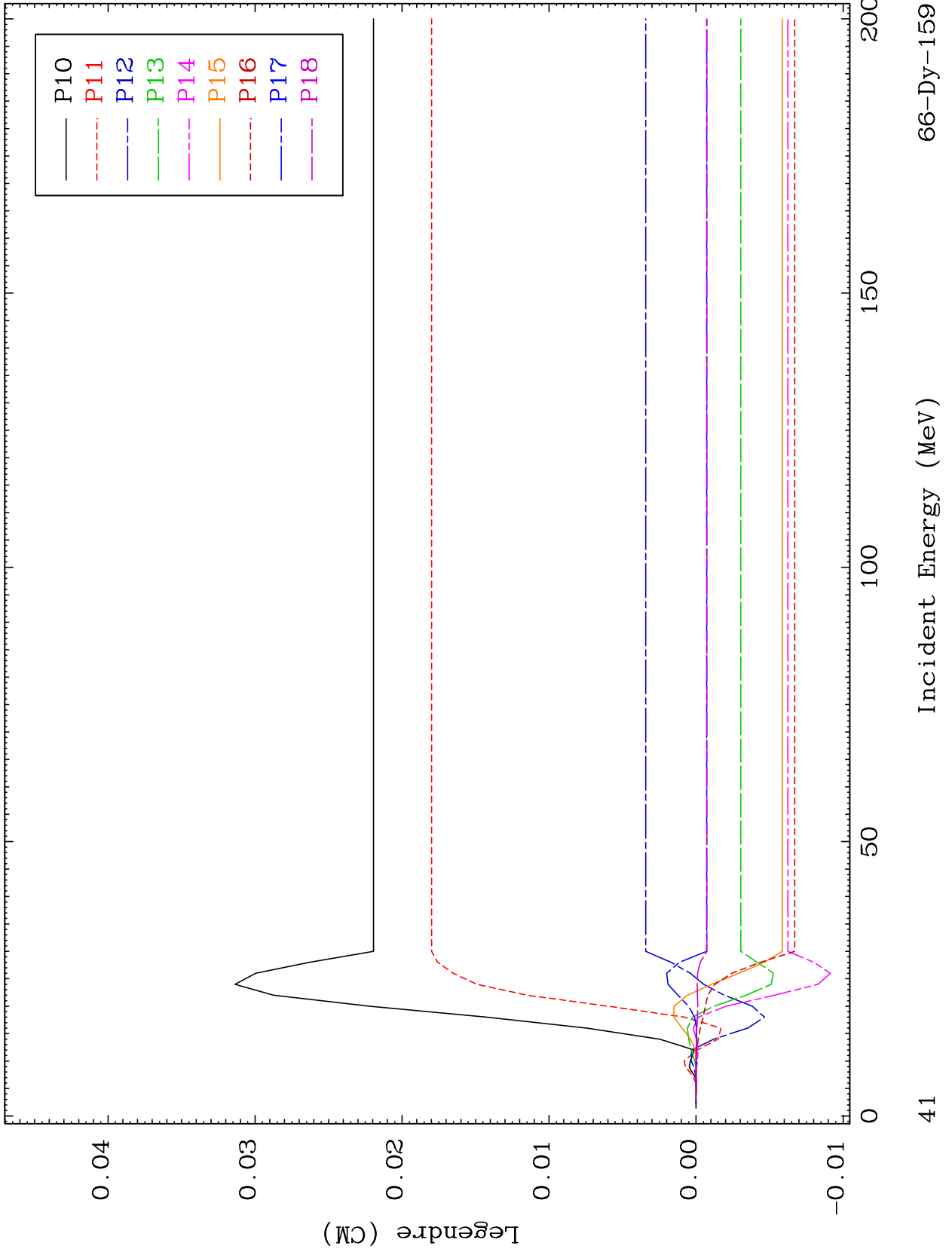
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MAT 6634

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

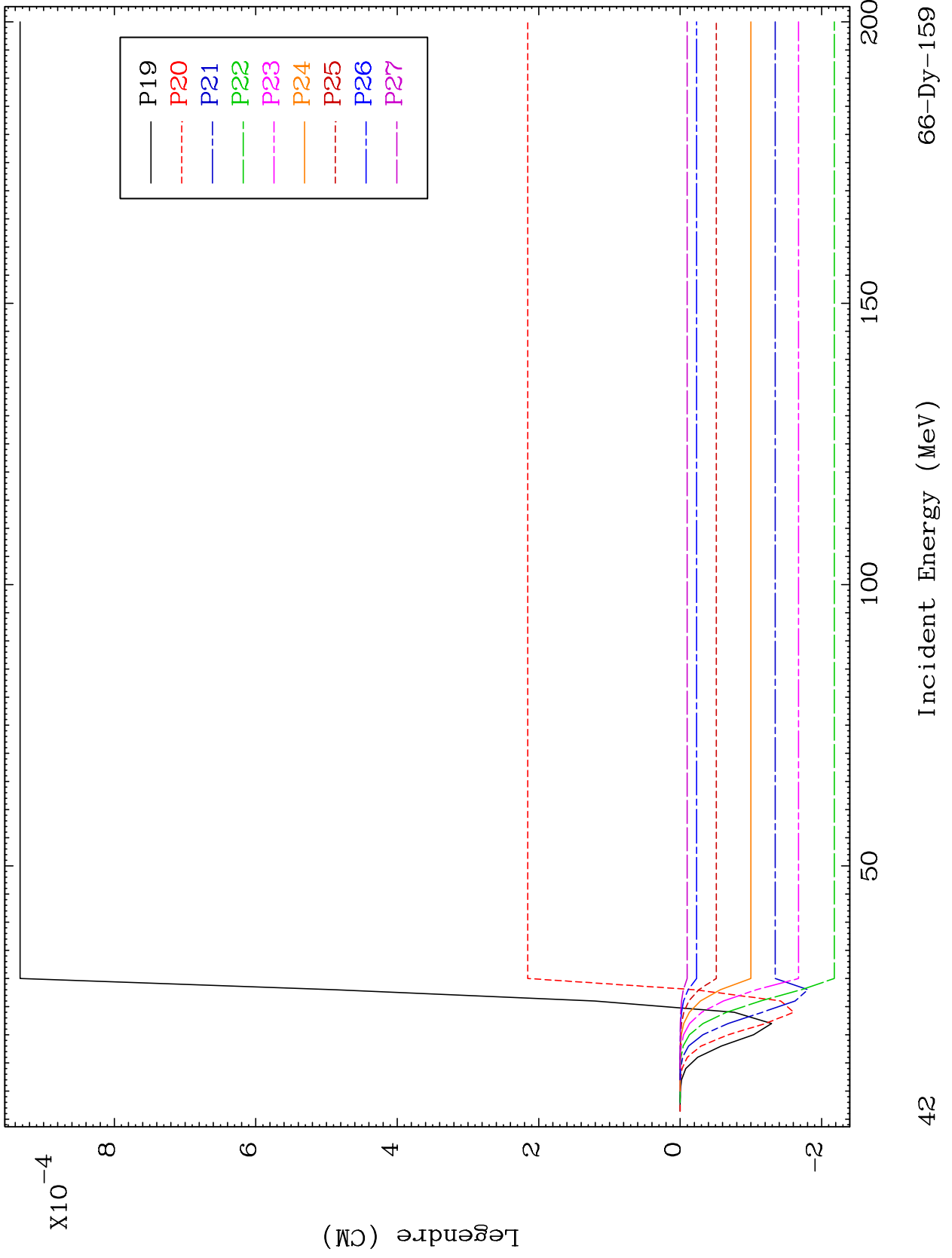
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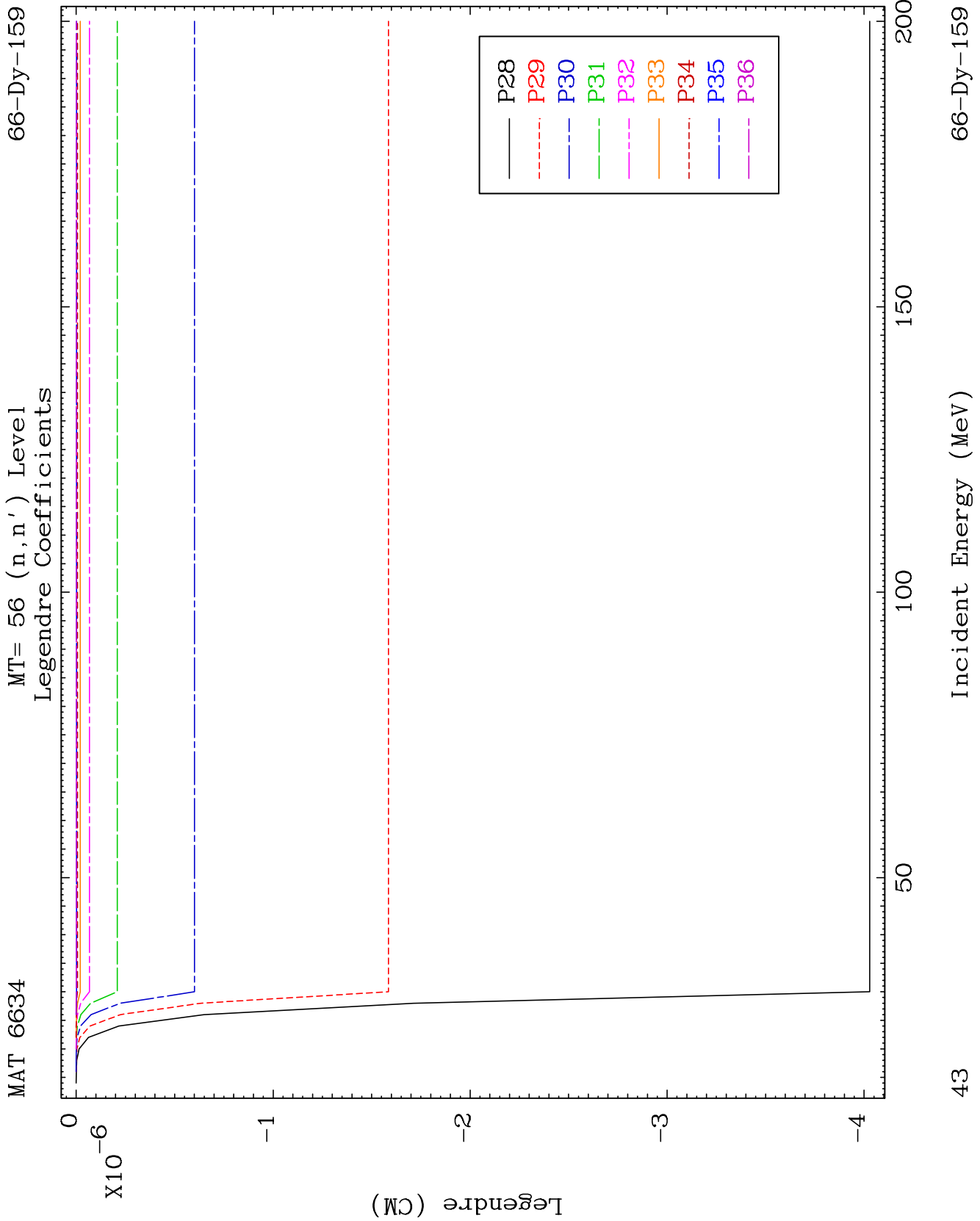


MAT 6634

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

66-Dy-159

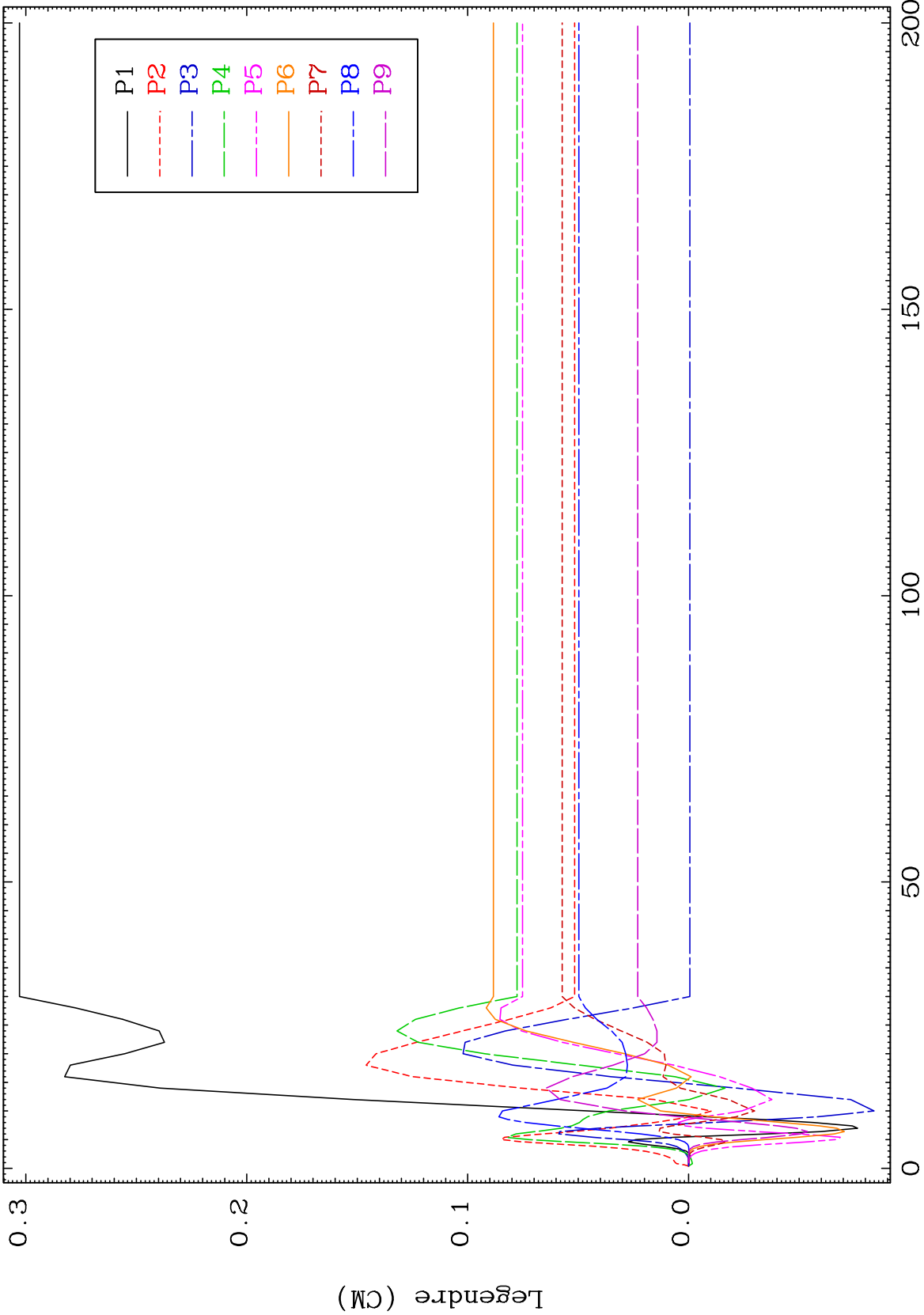




MAT 6634

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

66-Dy-159



44

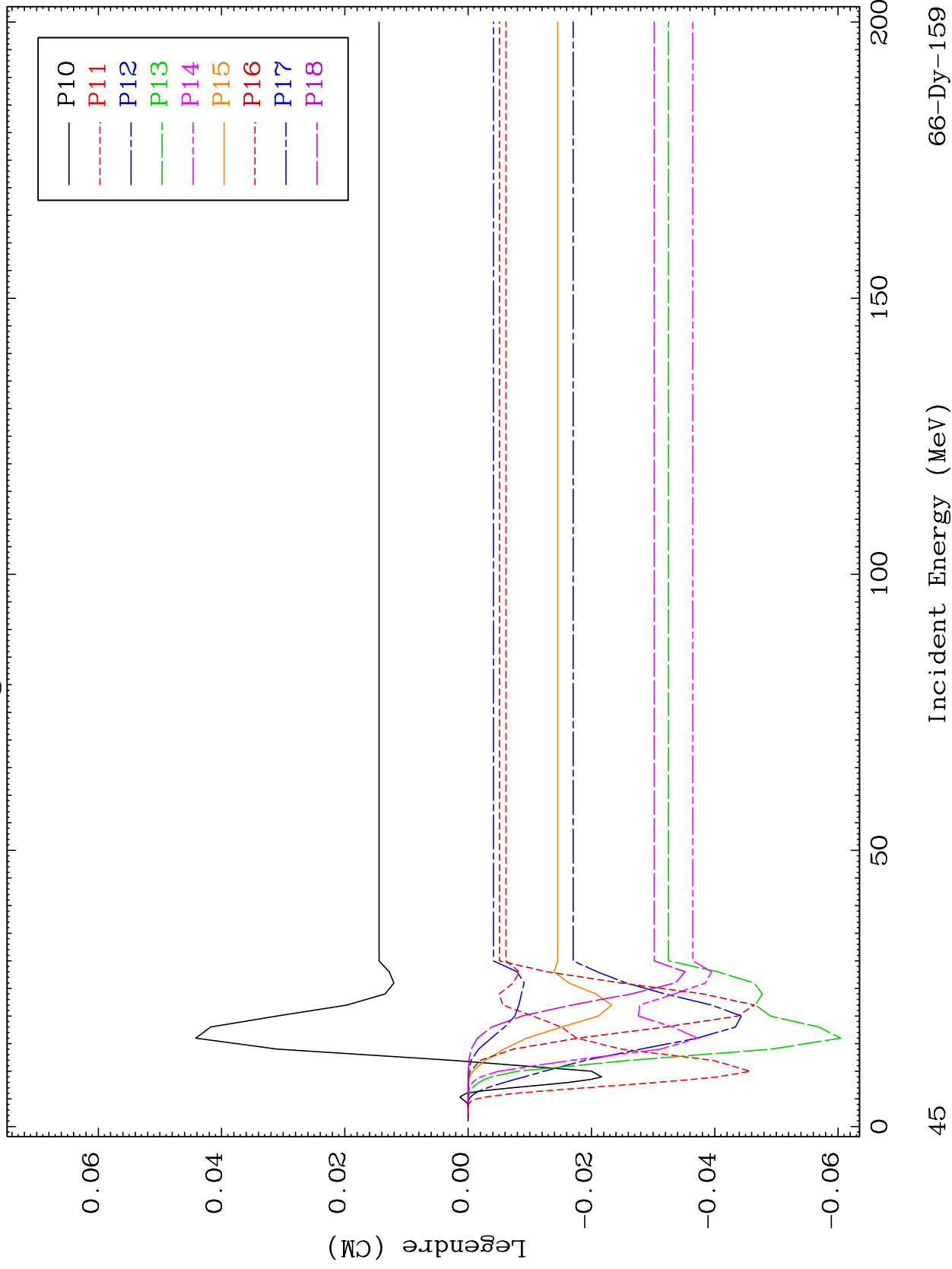
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



66-Dy-159

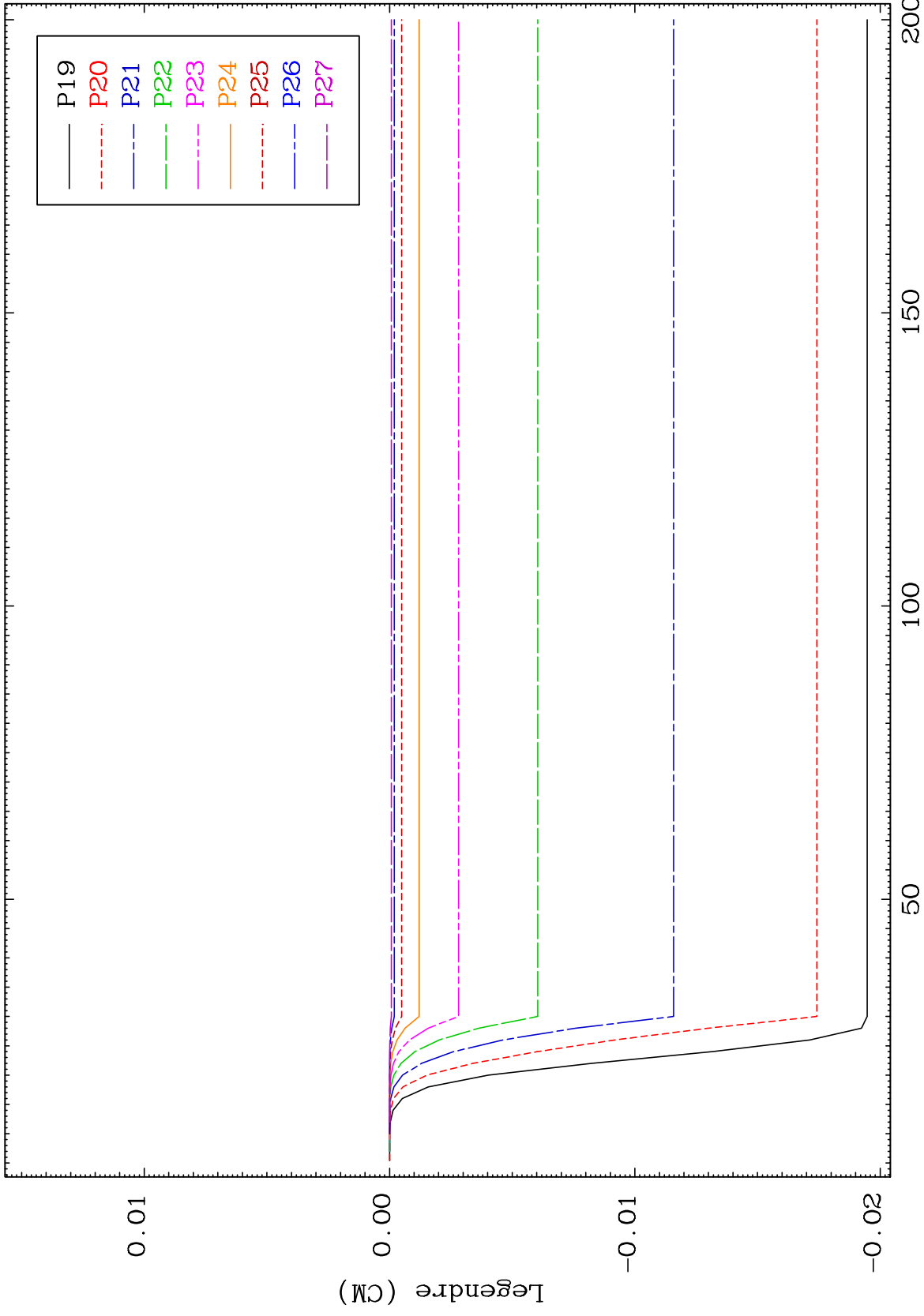
Incident Energy (MeV)

45

MAT 6634

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

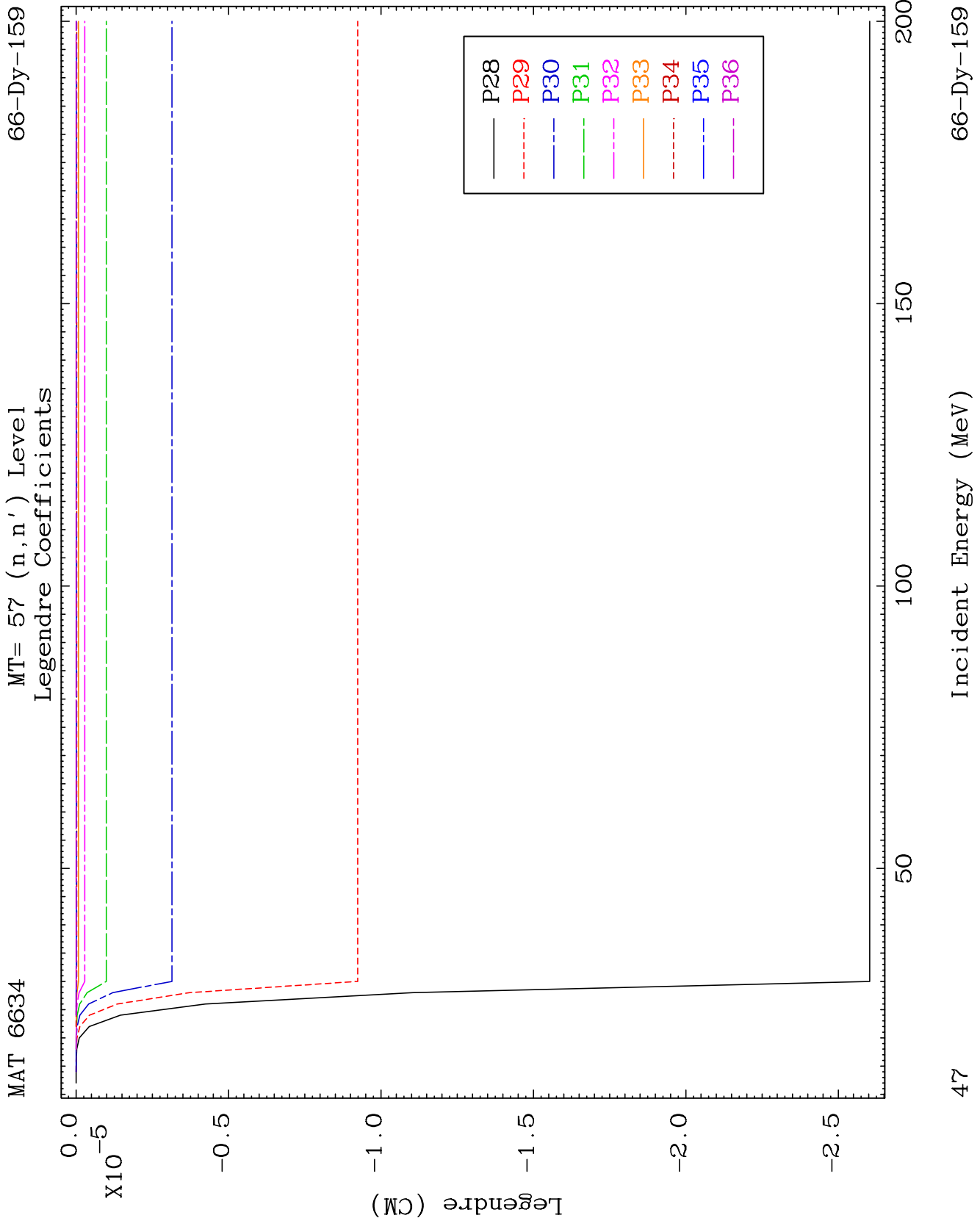
66-Dy-159



46

Incident Energy (MeV)

66-Dy-159



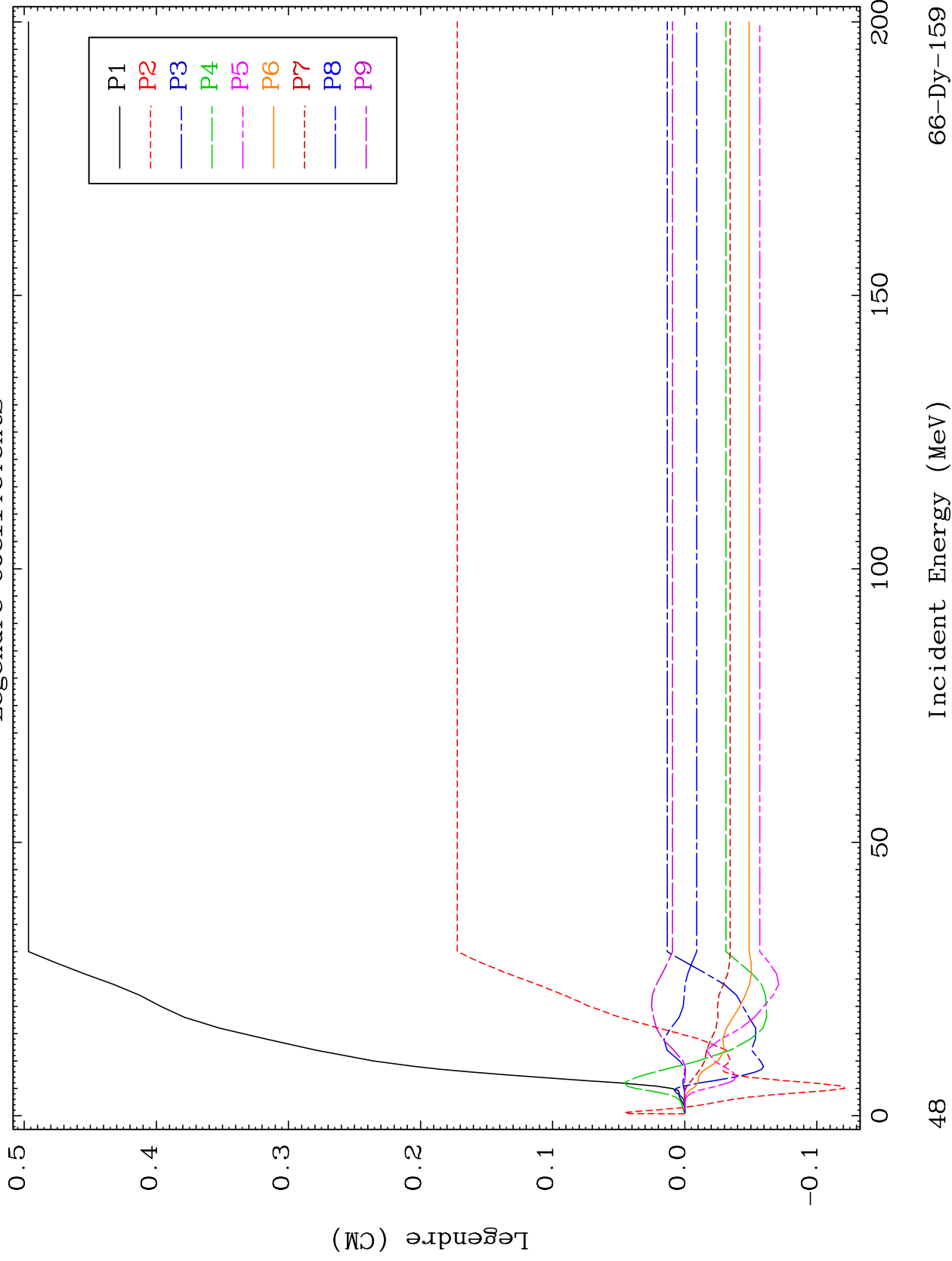


MAT 6634

MT= 58 (n,n') Level

66-Dy-159

Legendre Coefficients

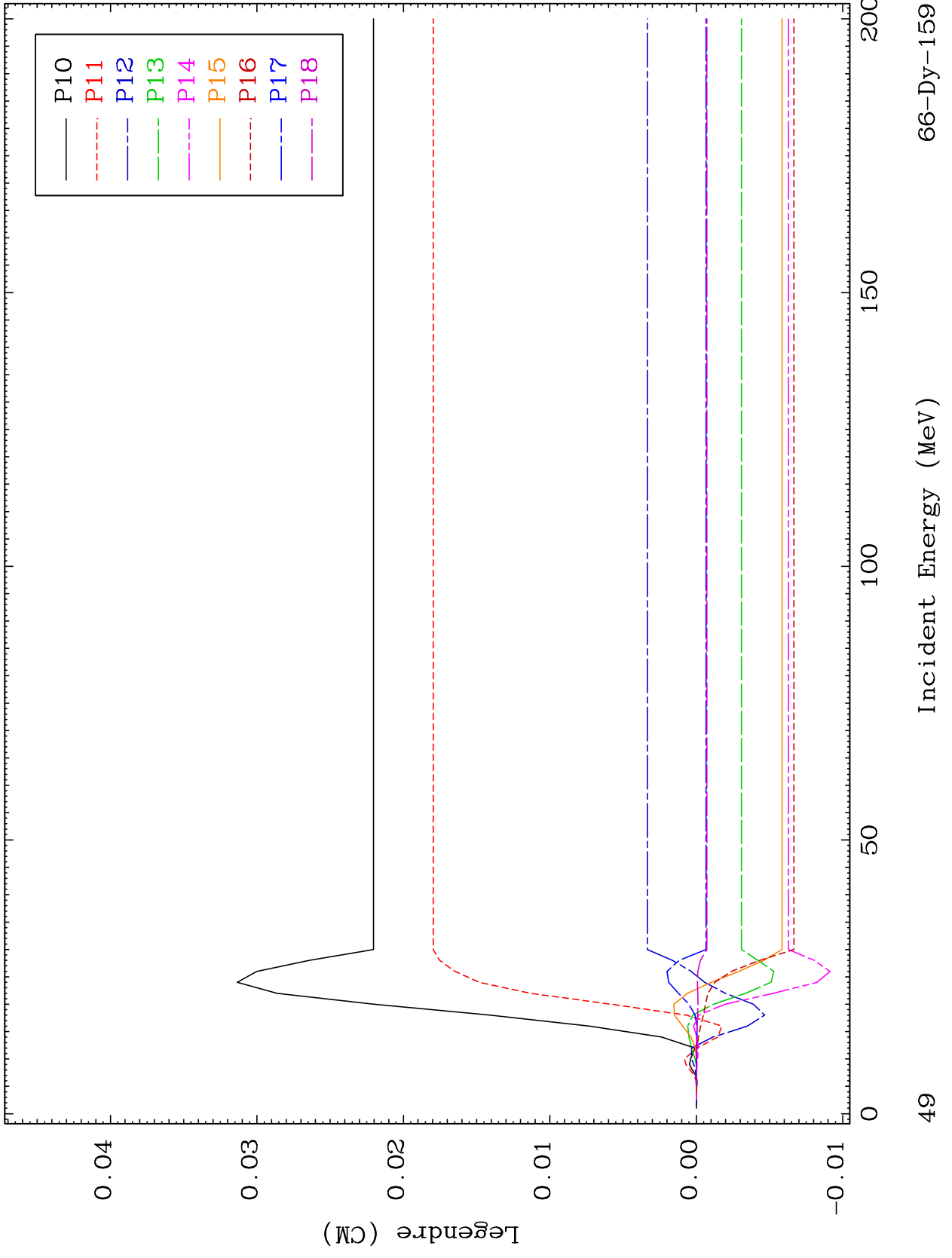


48

MAT 6634

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

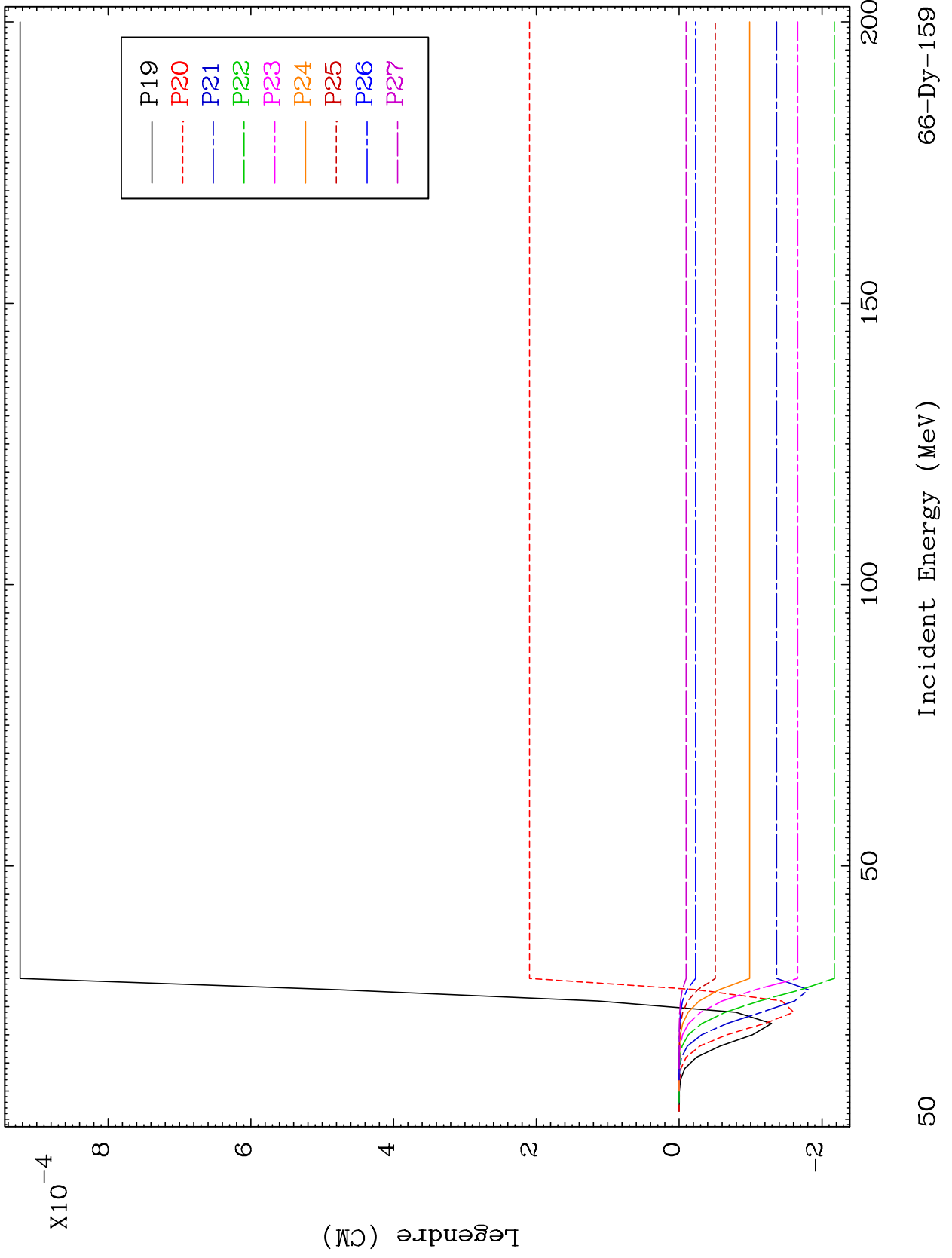
66-Dy-159



MAT 6634

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

66-Dy-159

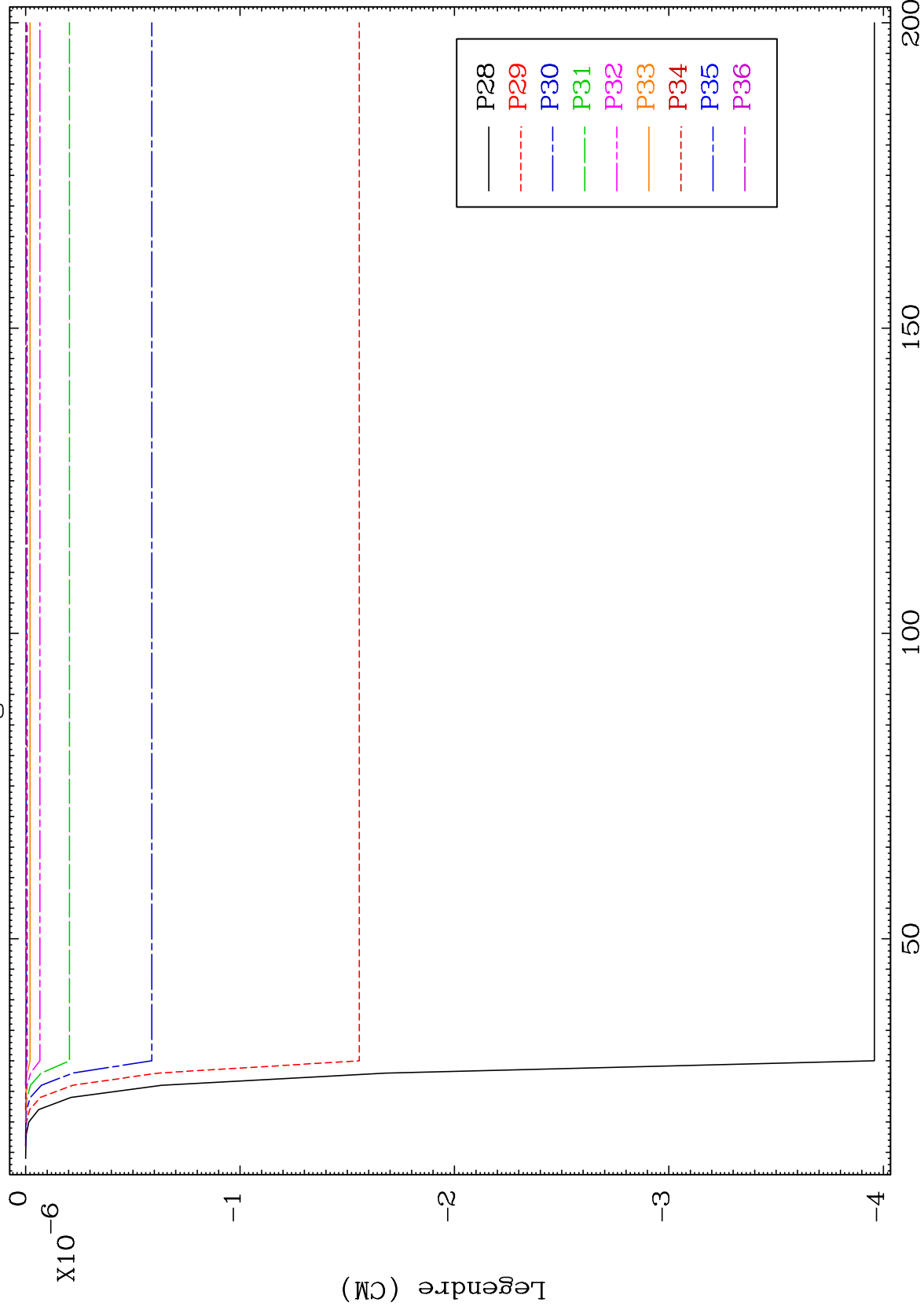


MAT 6634

MT= 58 (n,n') Level

66-Dy-159

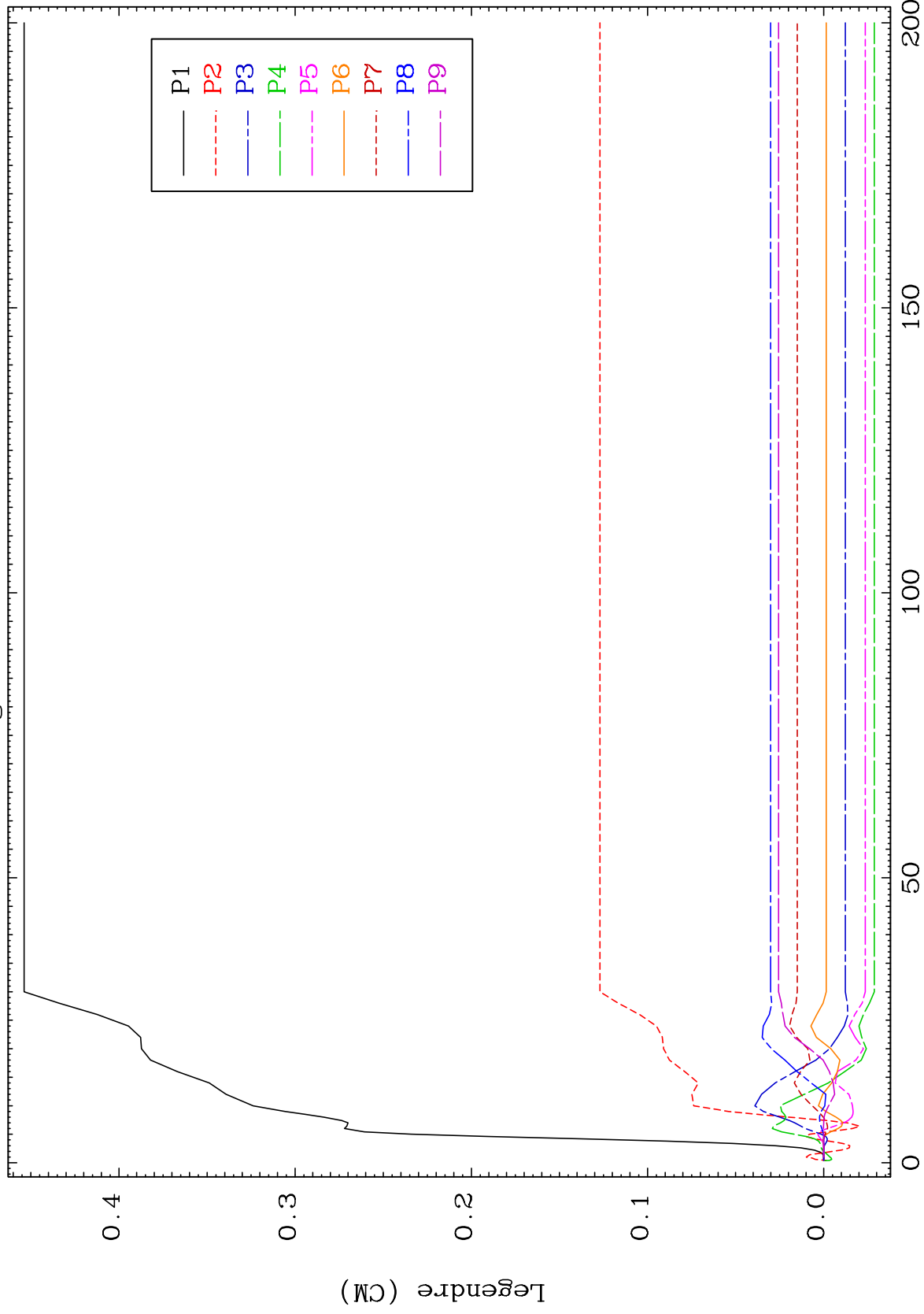
Legendre Coefficients



MAT 6634

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

66-Dy-159



52

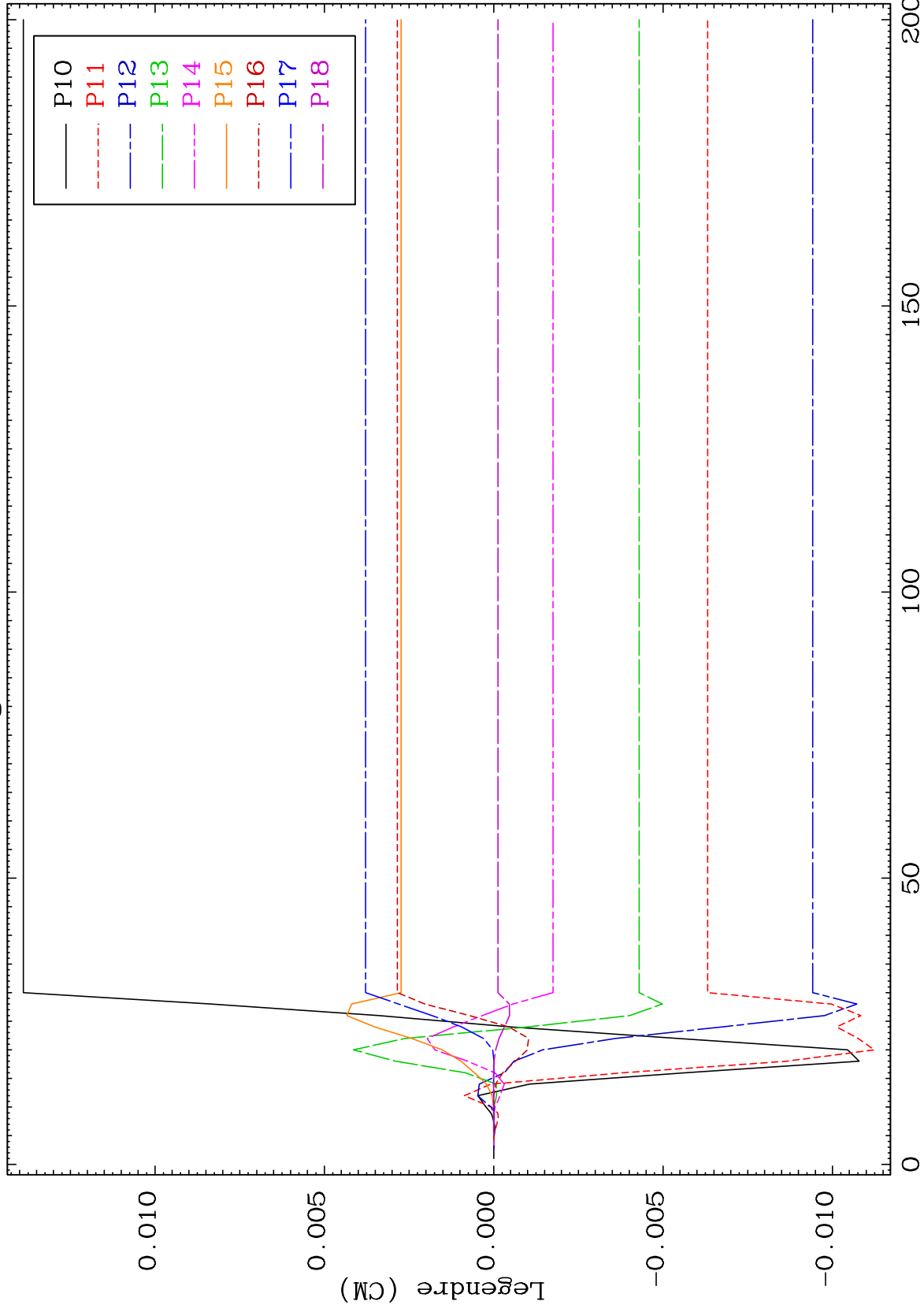
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



53

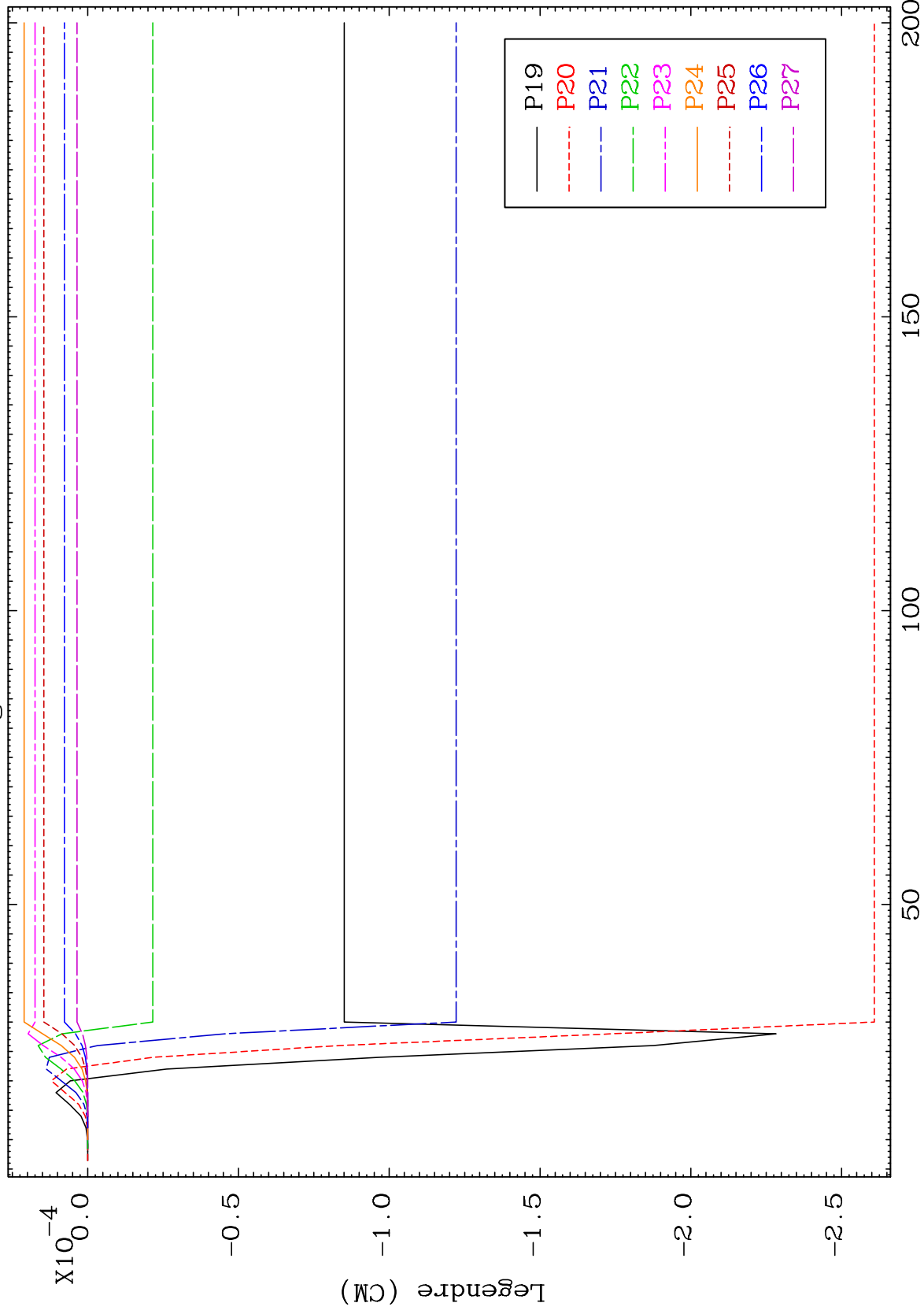
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



54

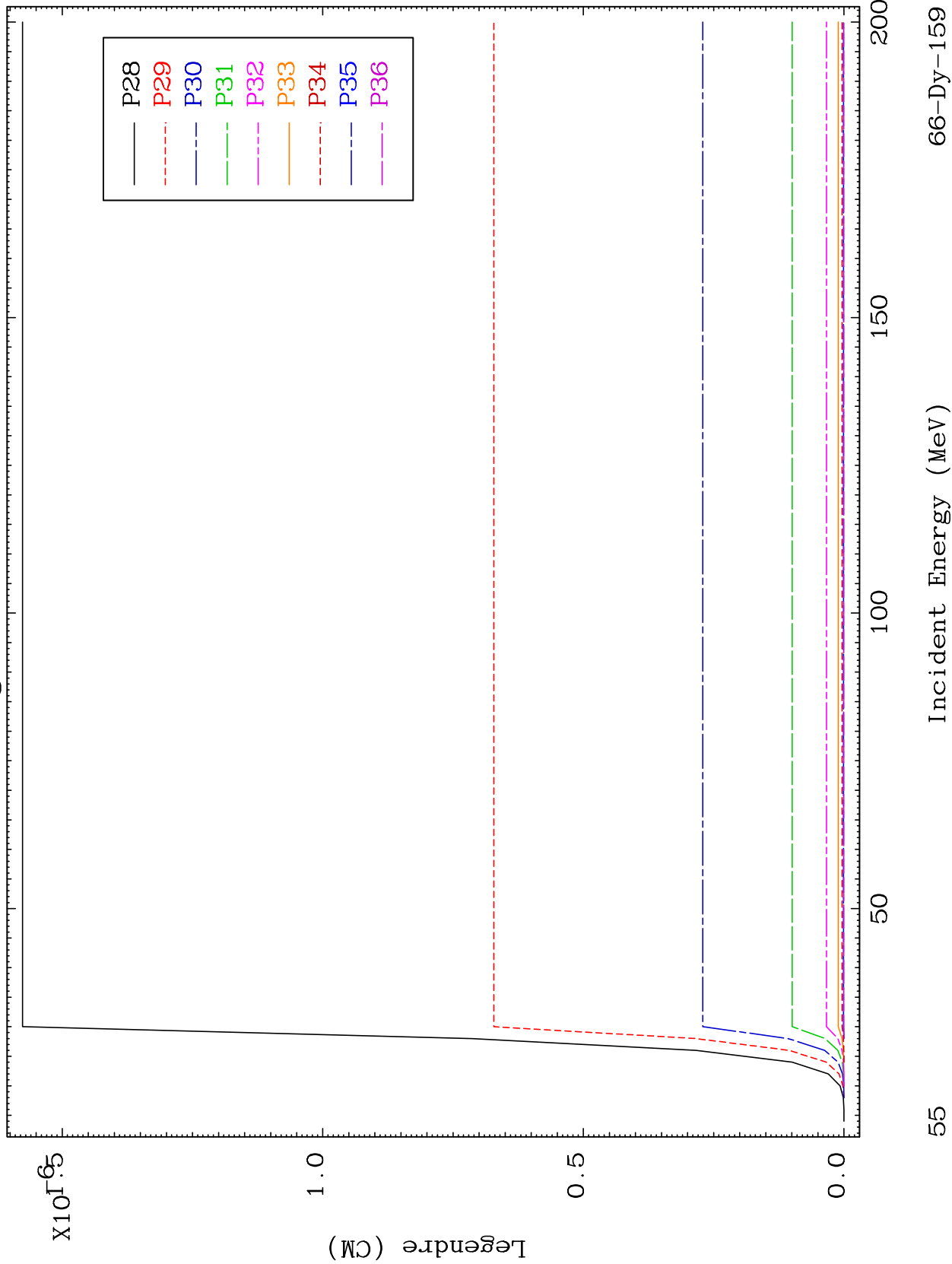
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159

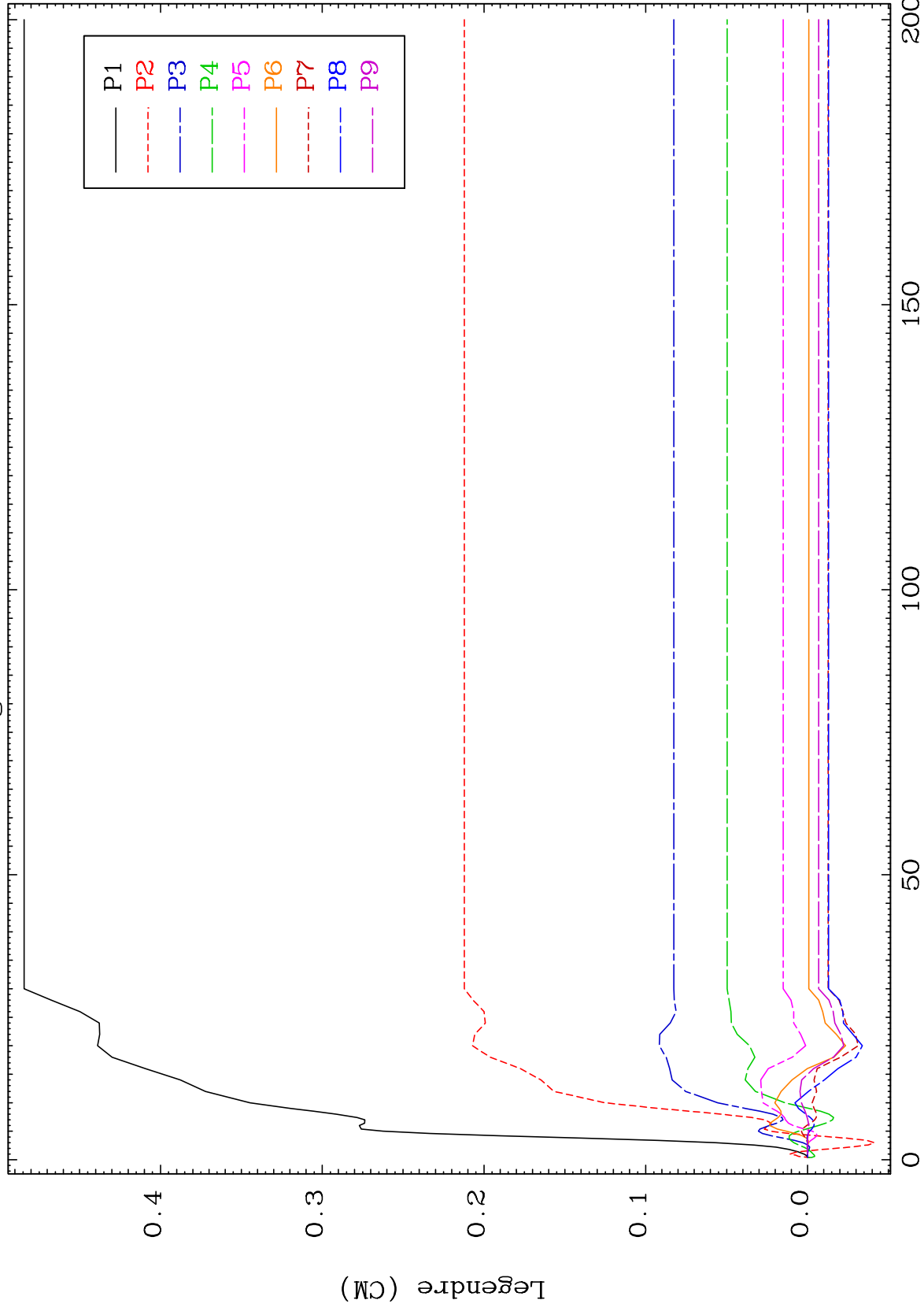




MAT 6634

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

66-Dy-159



56

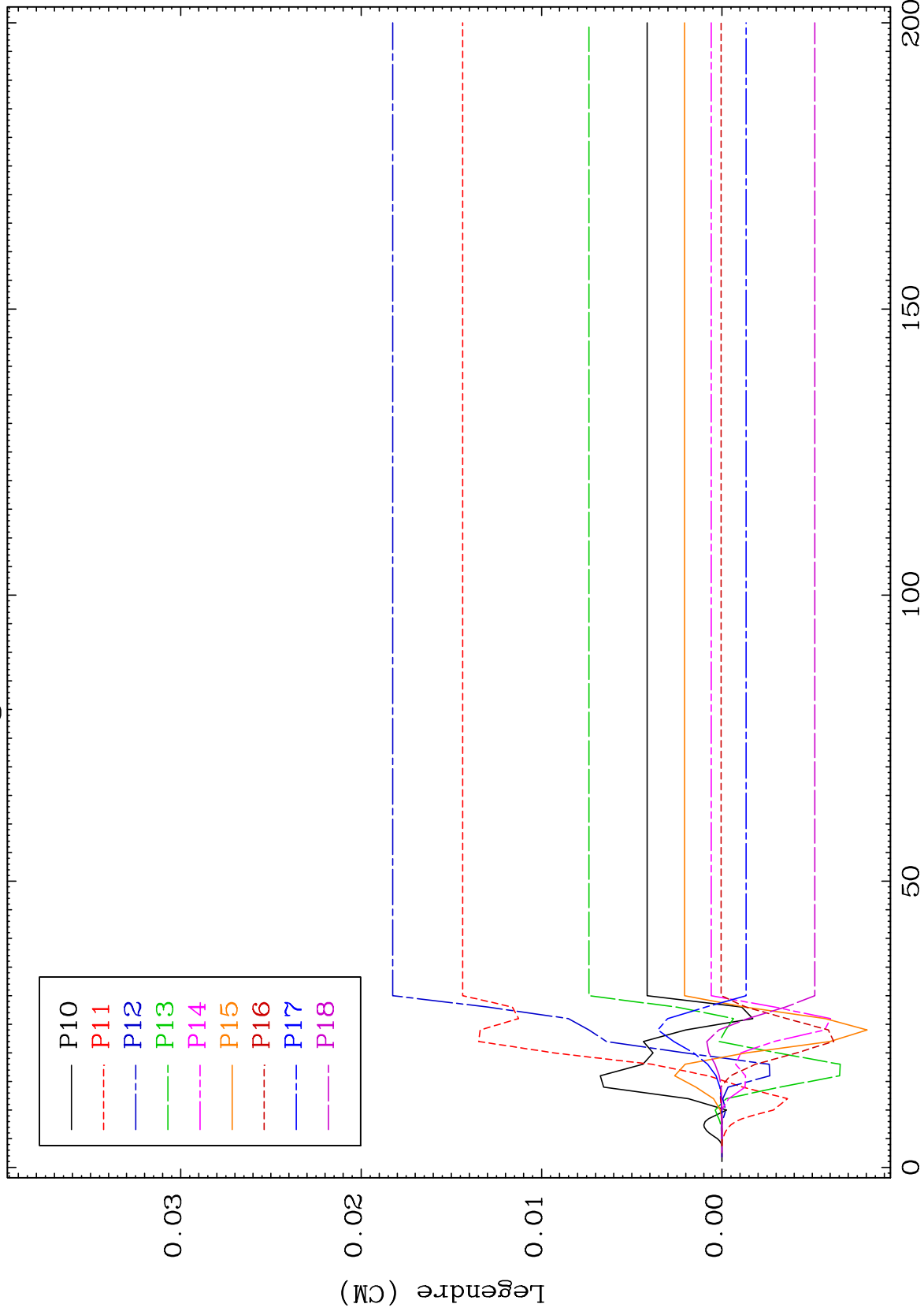
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



57

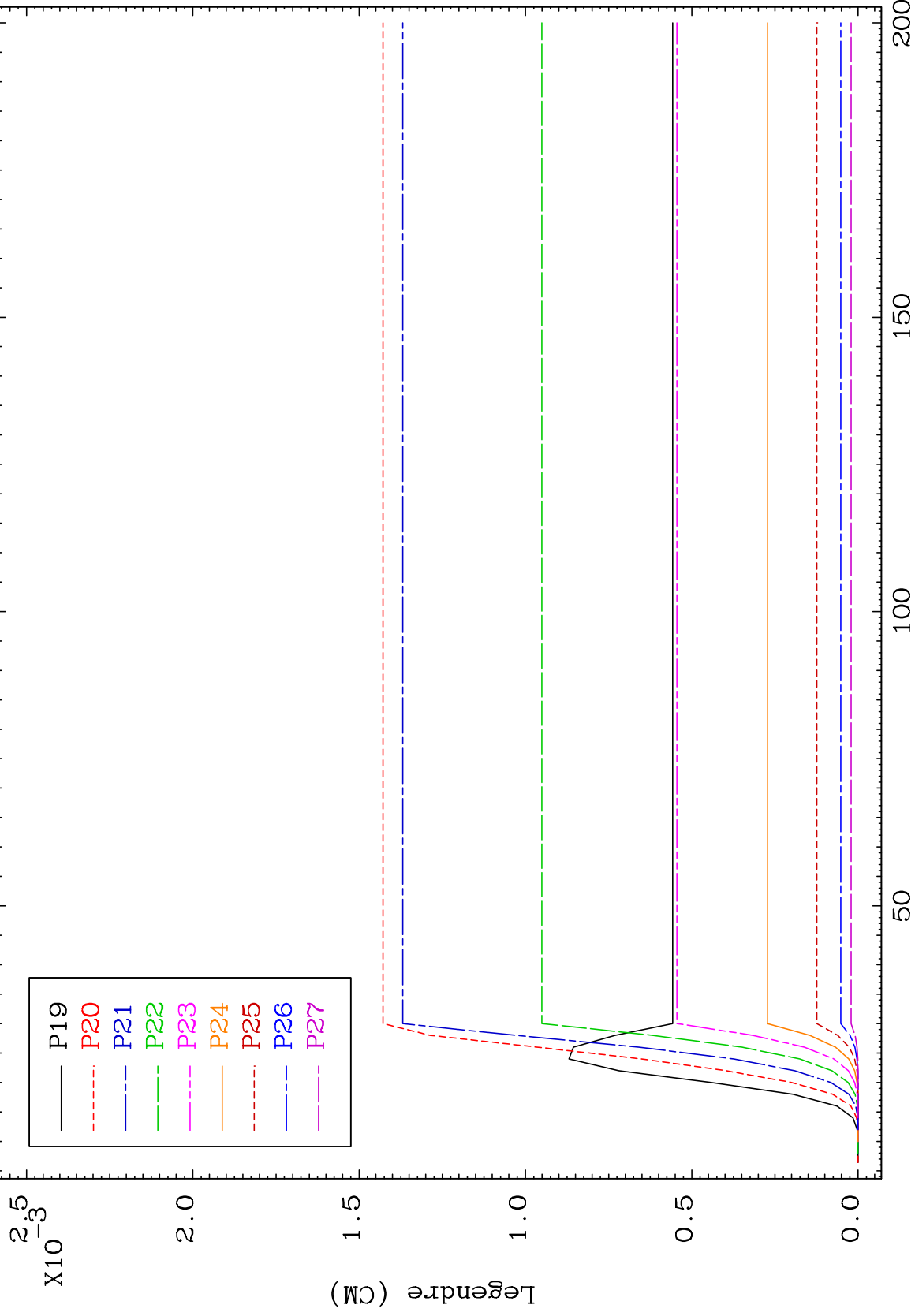
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



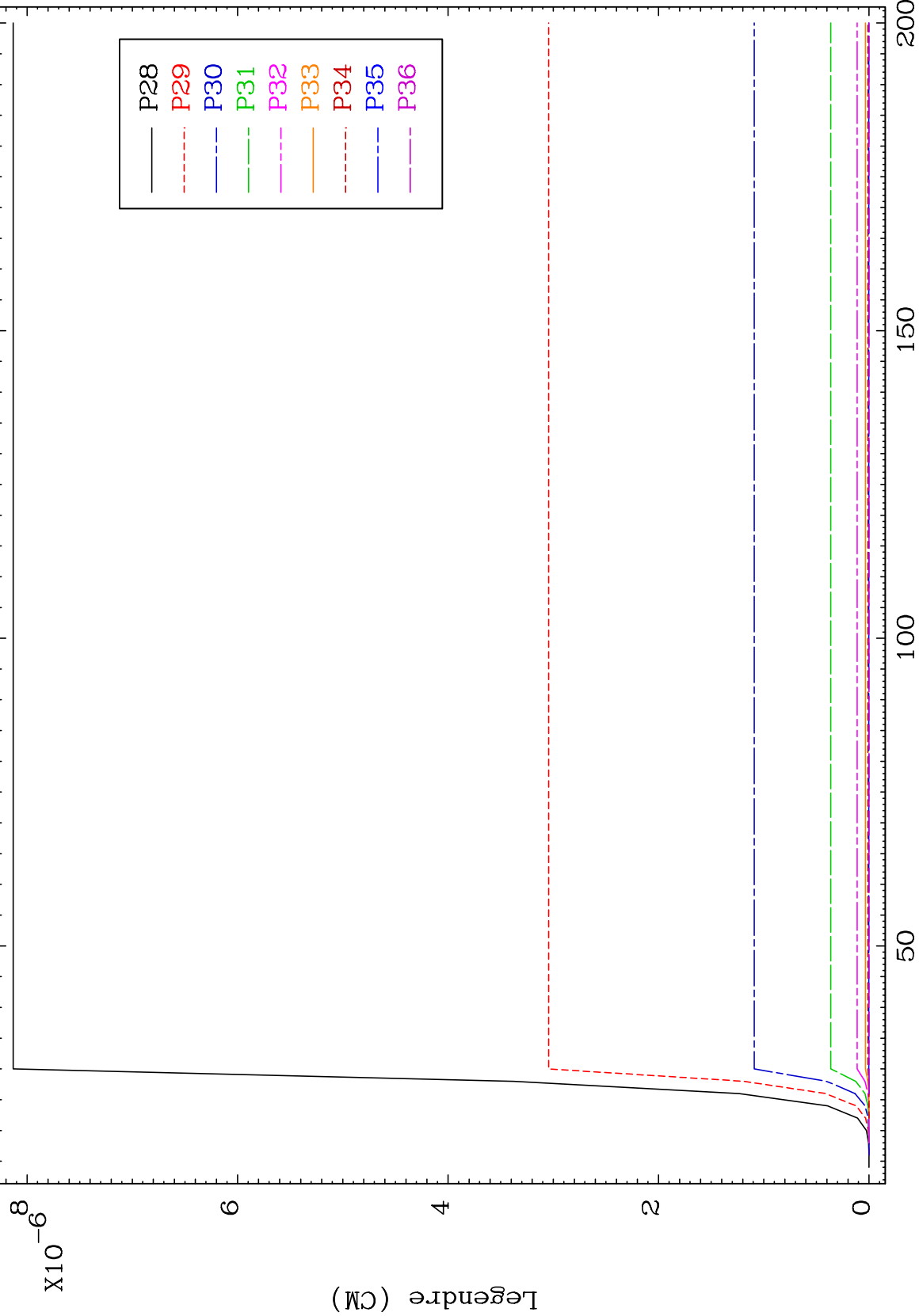
58

66-Dy-159

MAT 6634

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

66-Dy-159



59

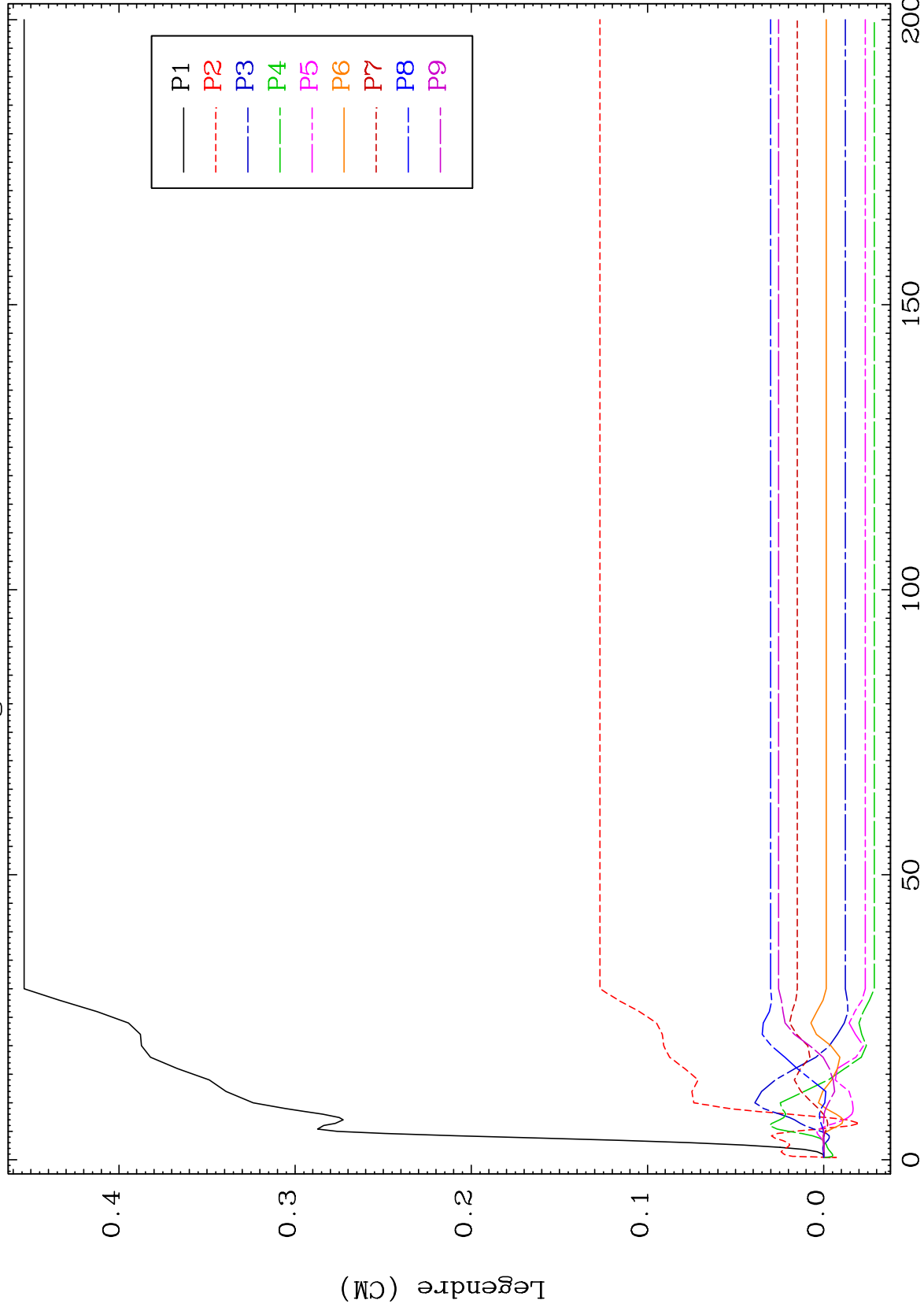
66-Dy-159

66-Dy-159

MAT 6634

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

66-Dy-159



66-Dy-159

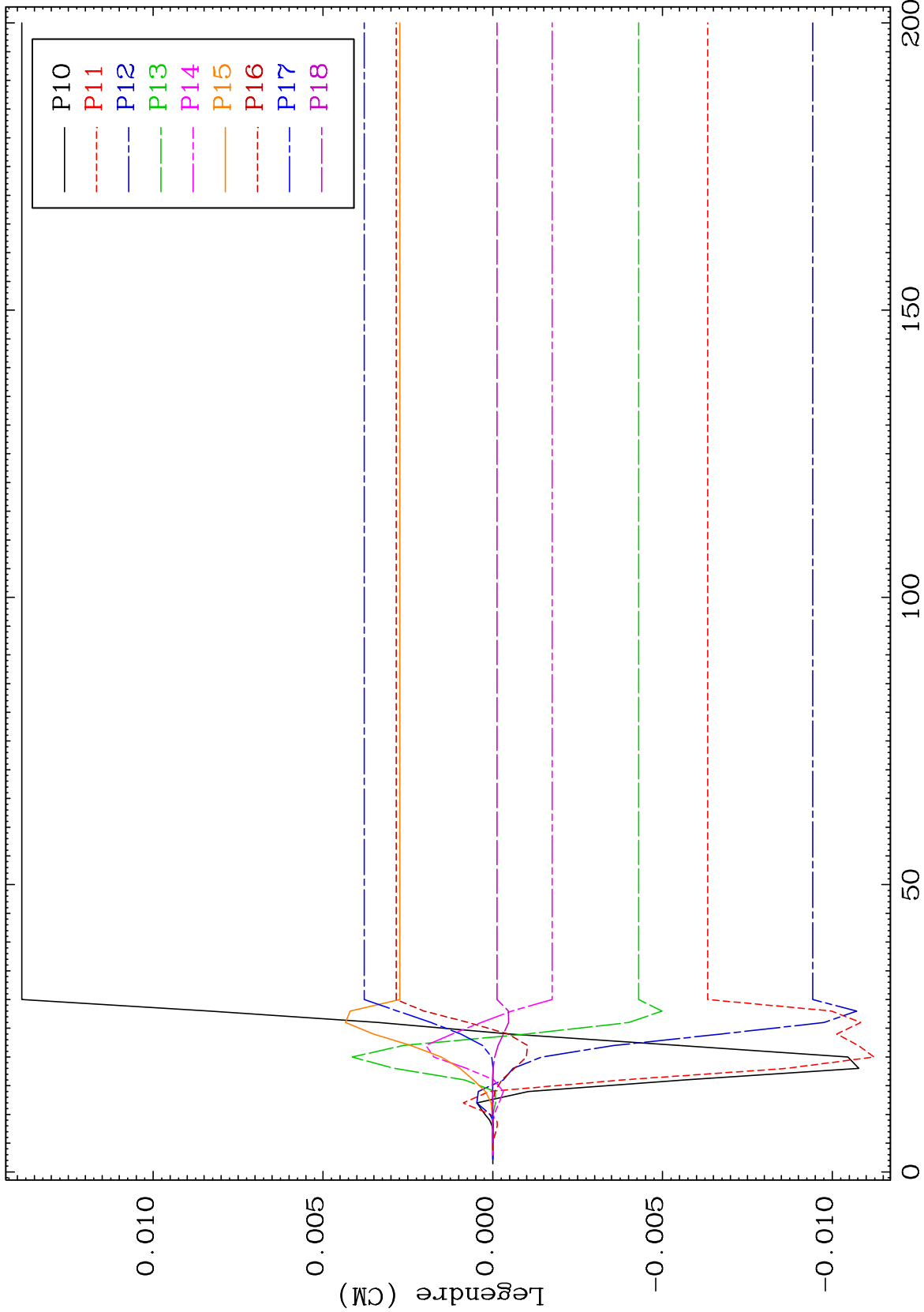
Incident Energy (MeV)

60

MAT 6634

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

66-Dy-159



61

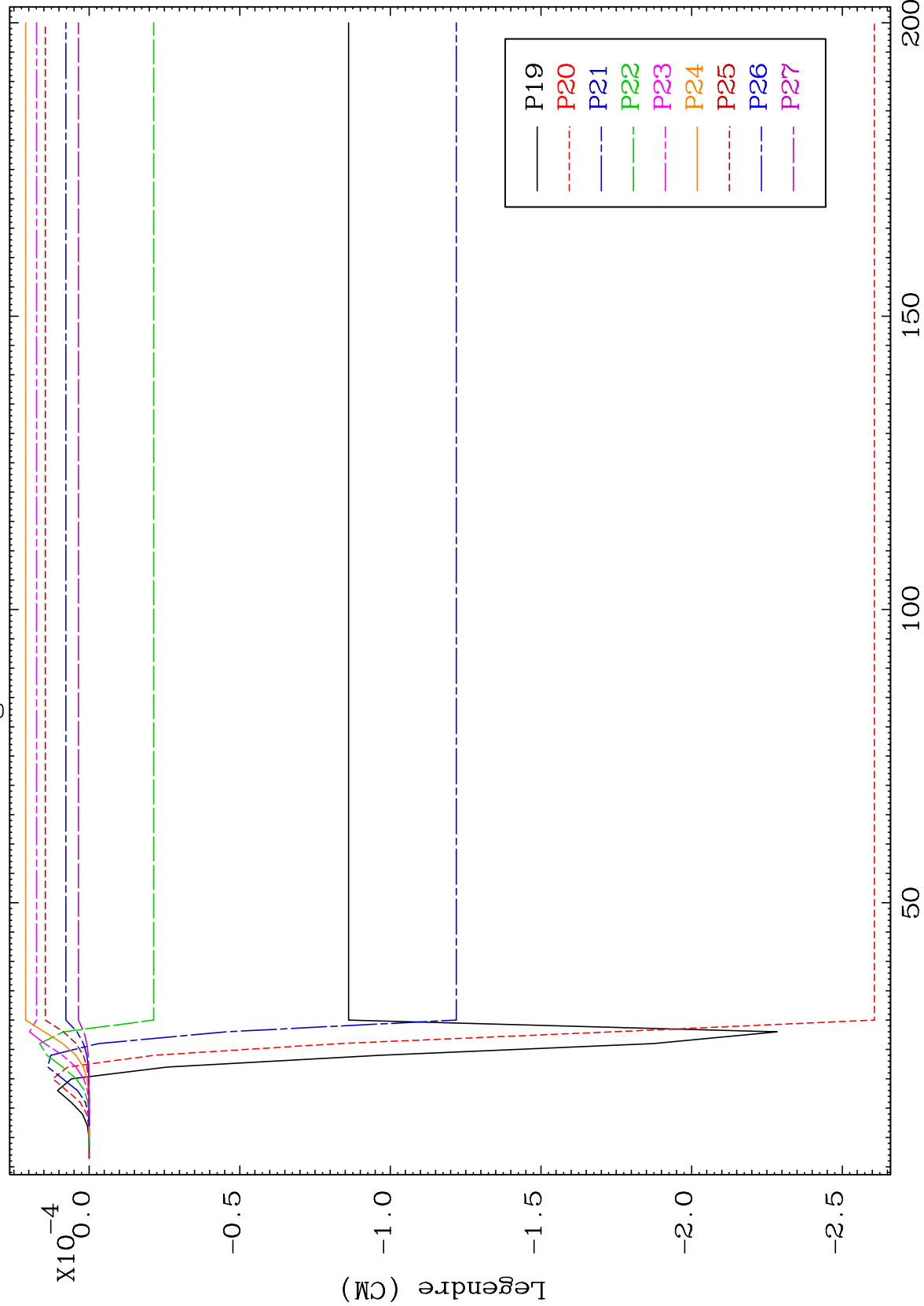
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



62

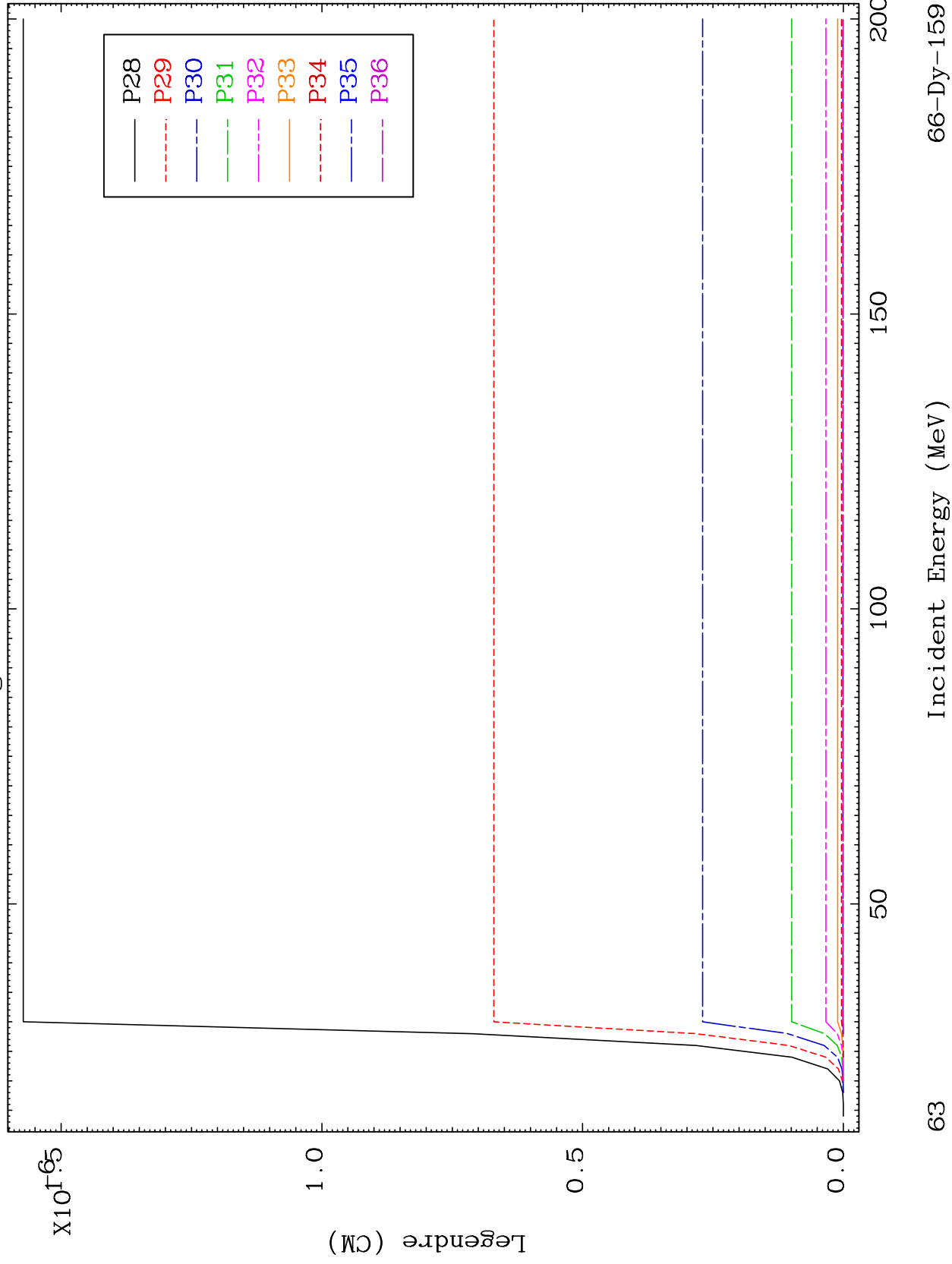
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159

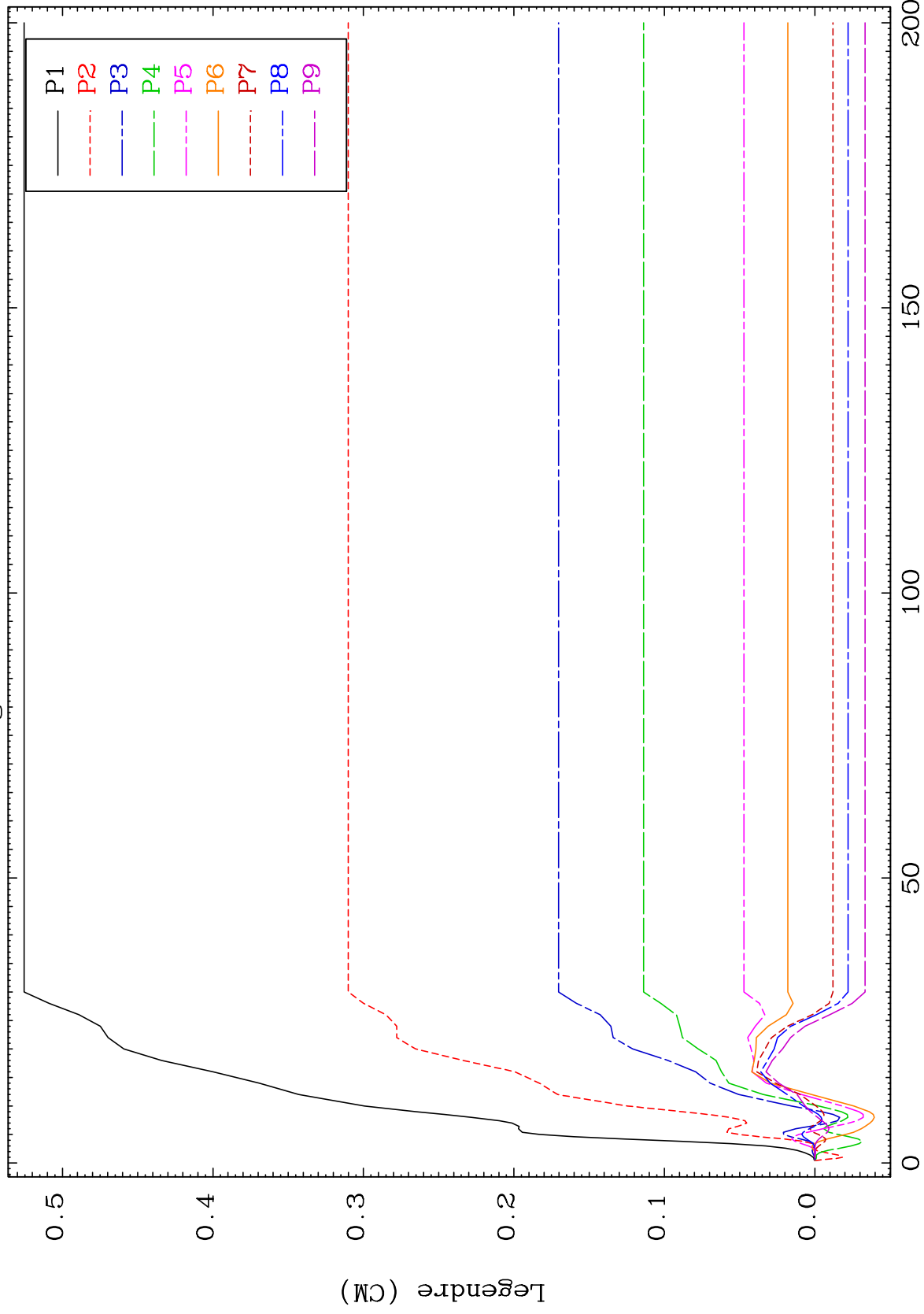




MAT 6634

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

66-Dy-159



64

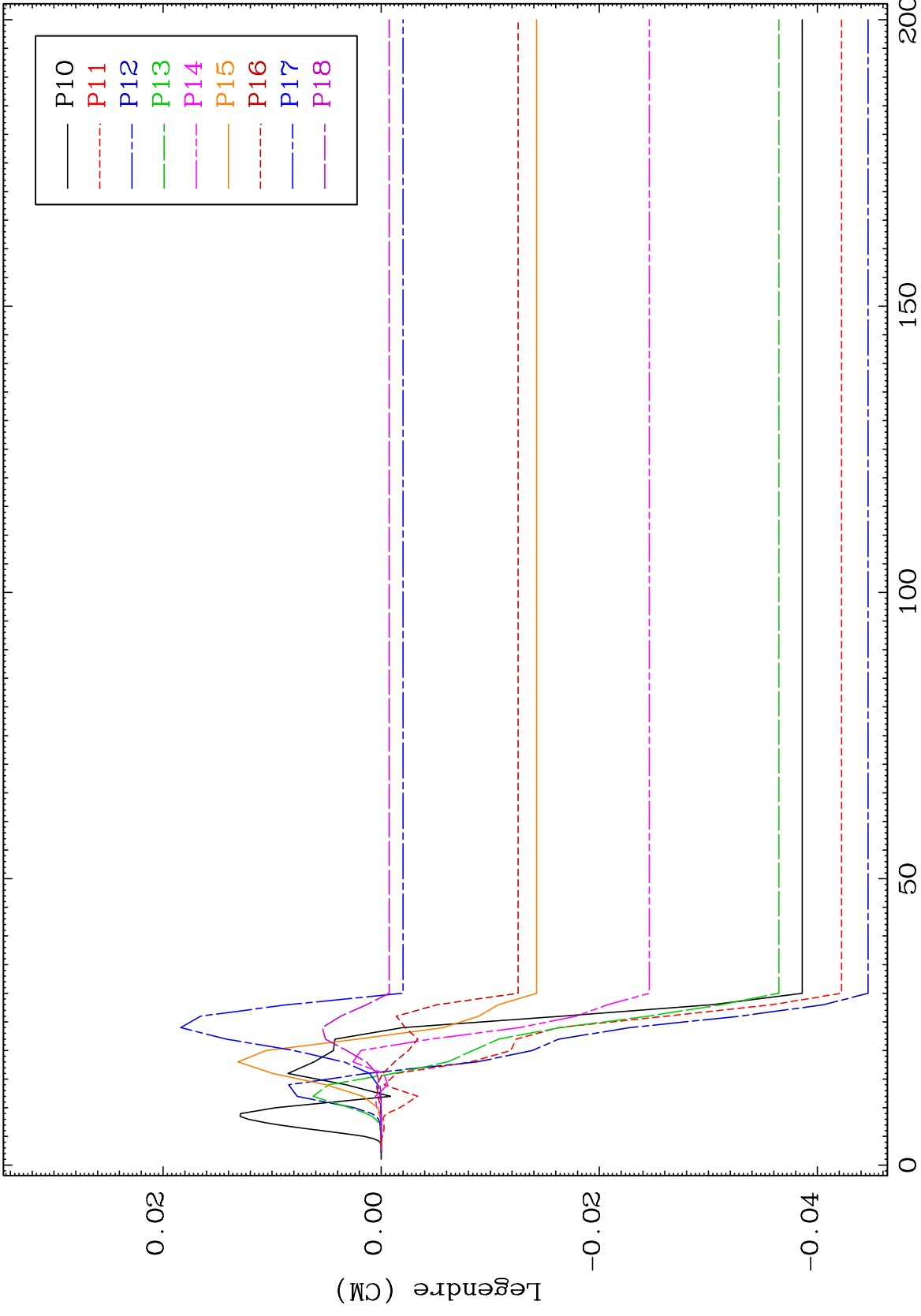
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



65

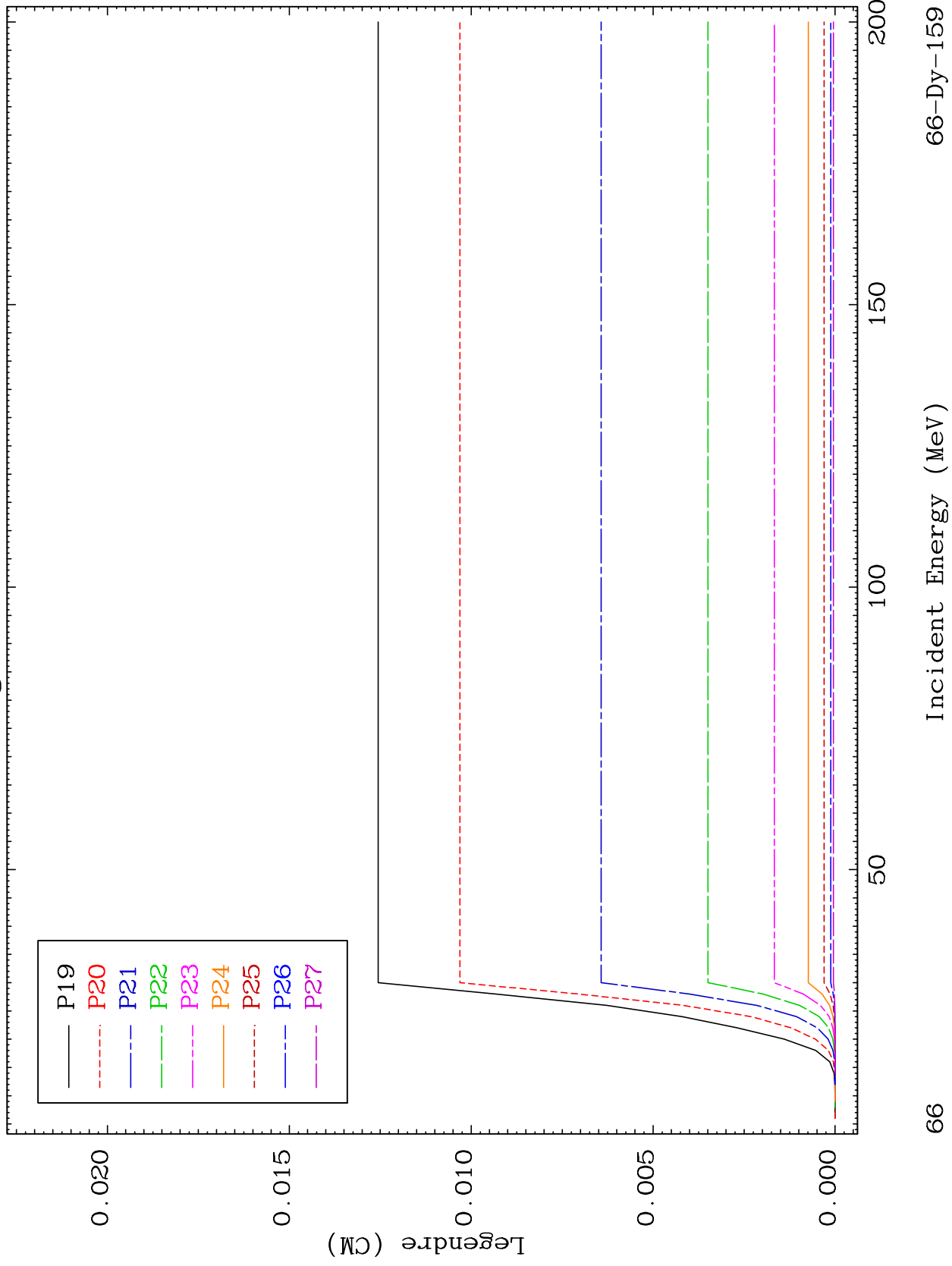
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



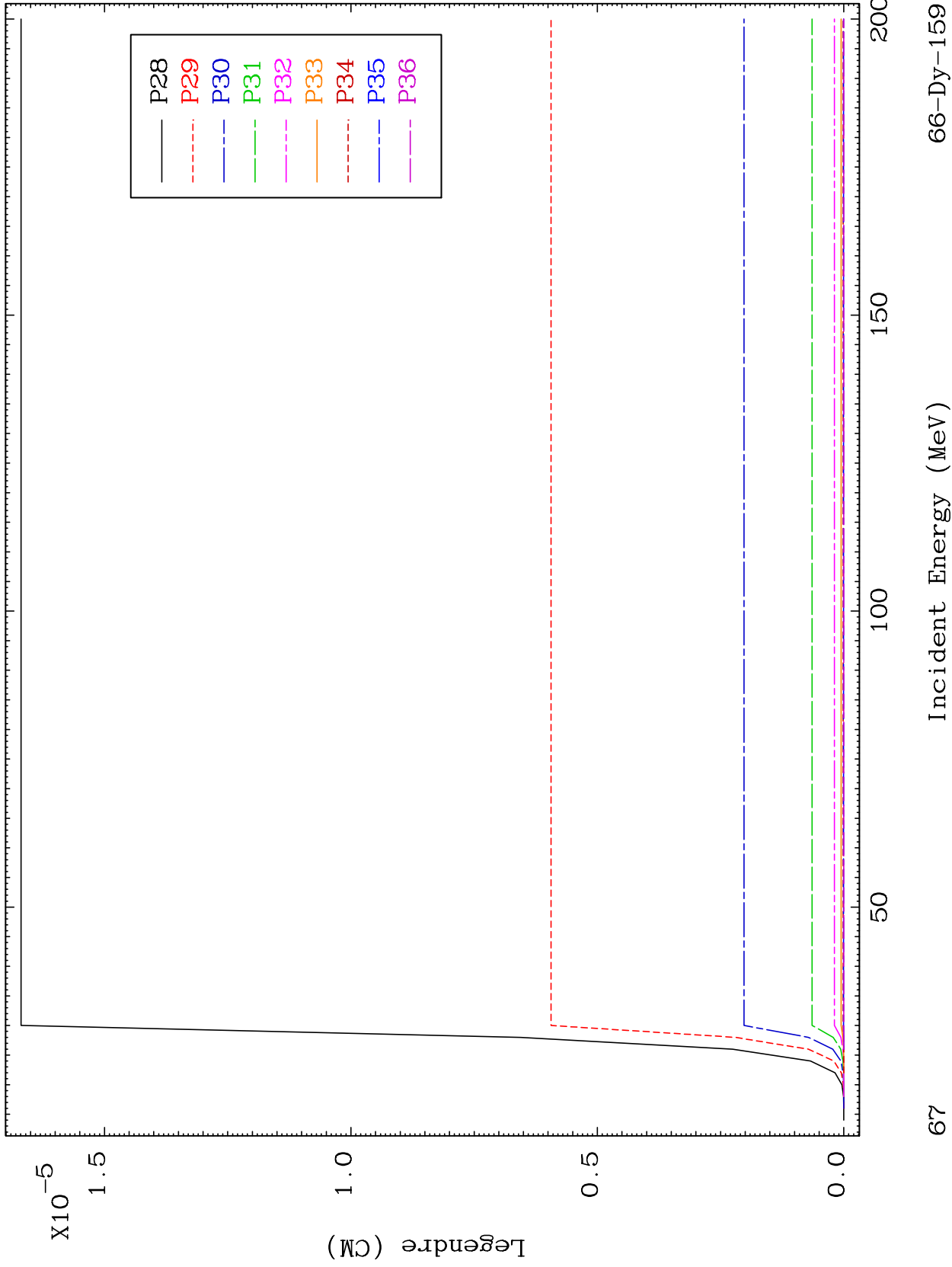
66

66-Dy-159

MAT 6634

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

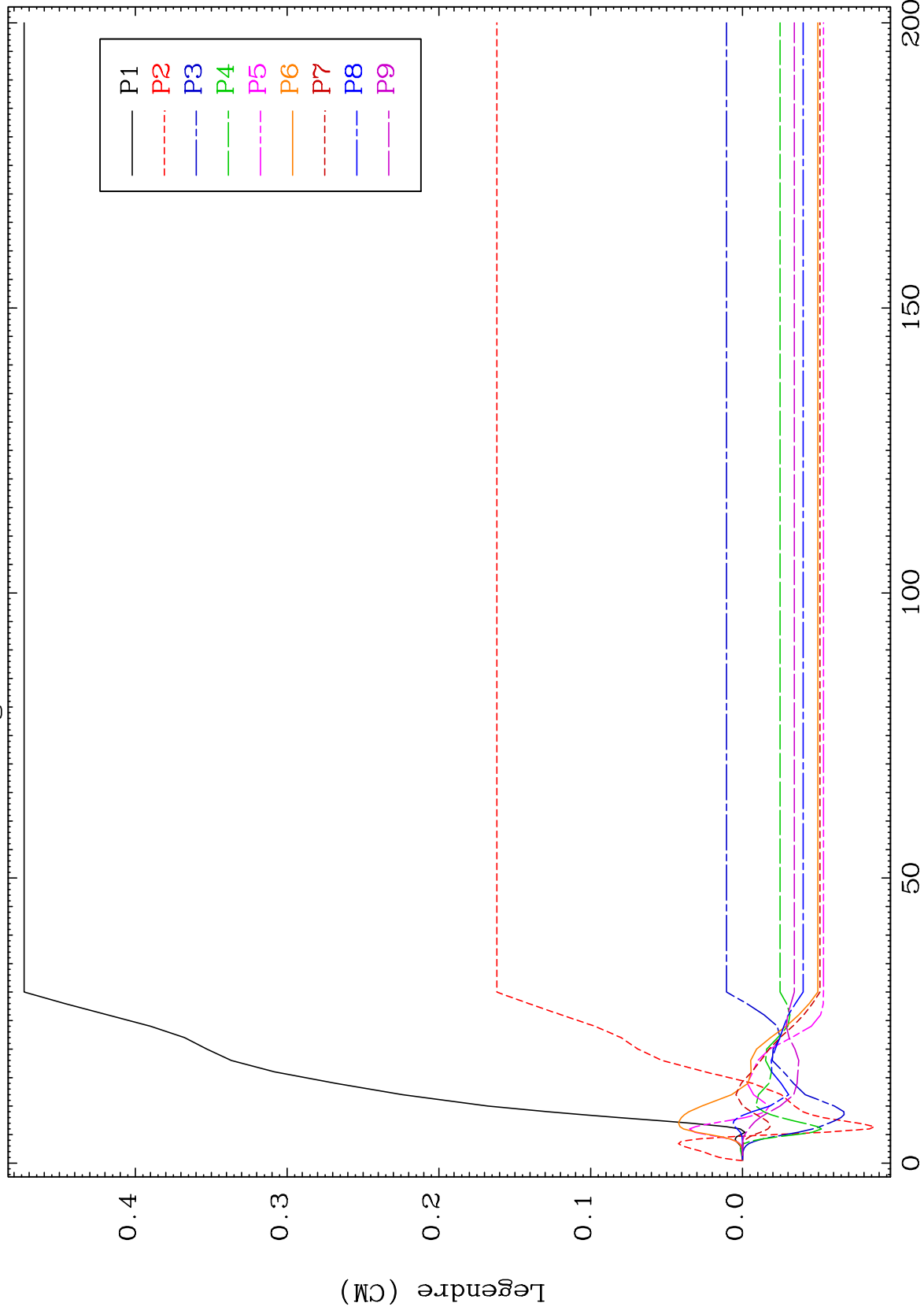
66-Dy-159



MAT 6634

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

66-Dy-159



68

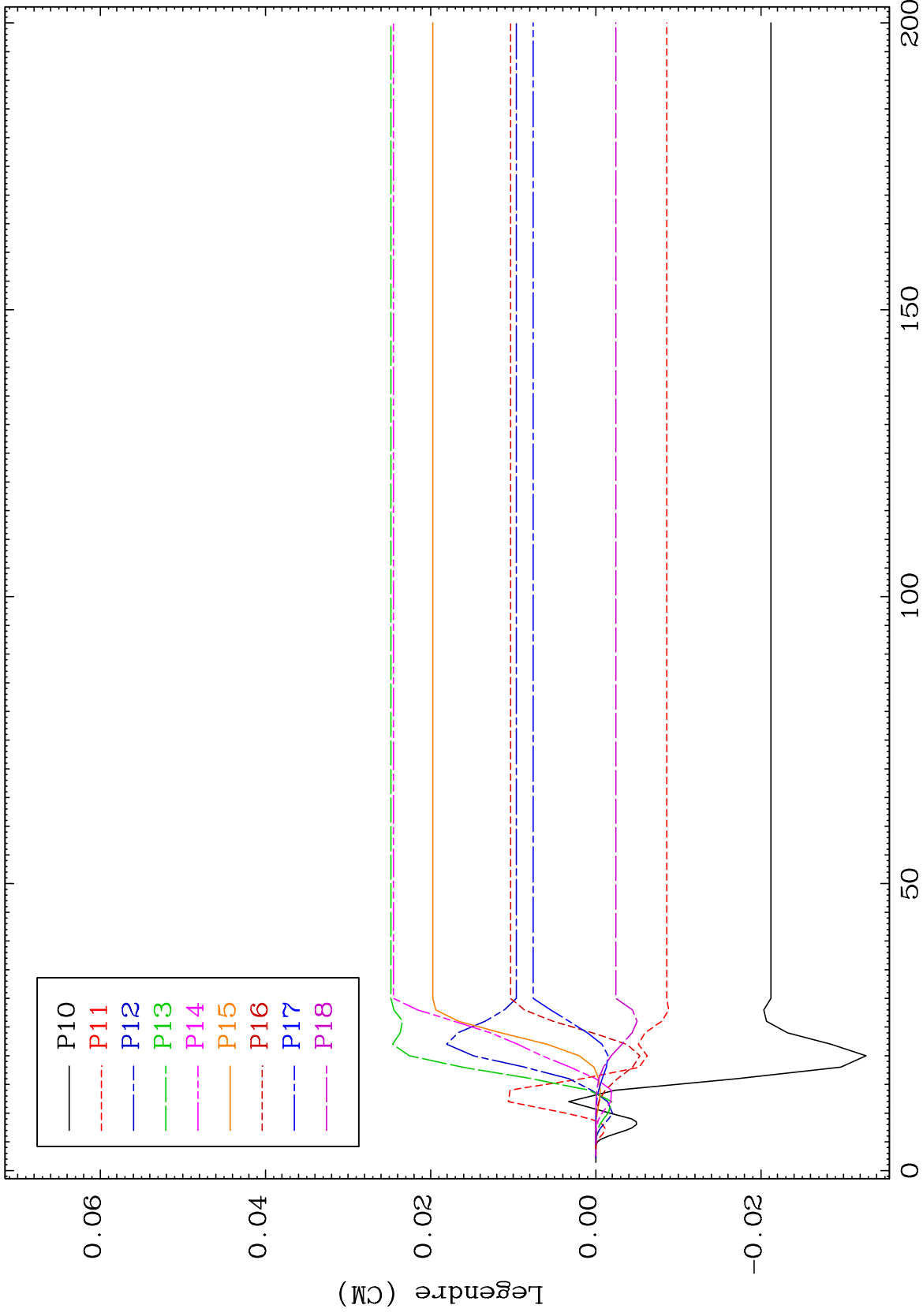
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



69

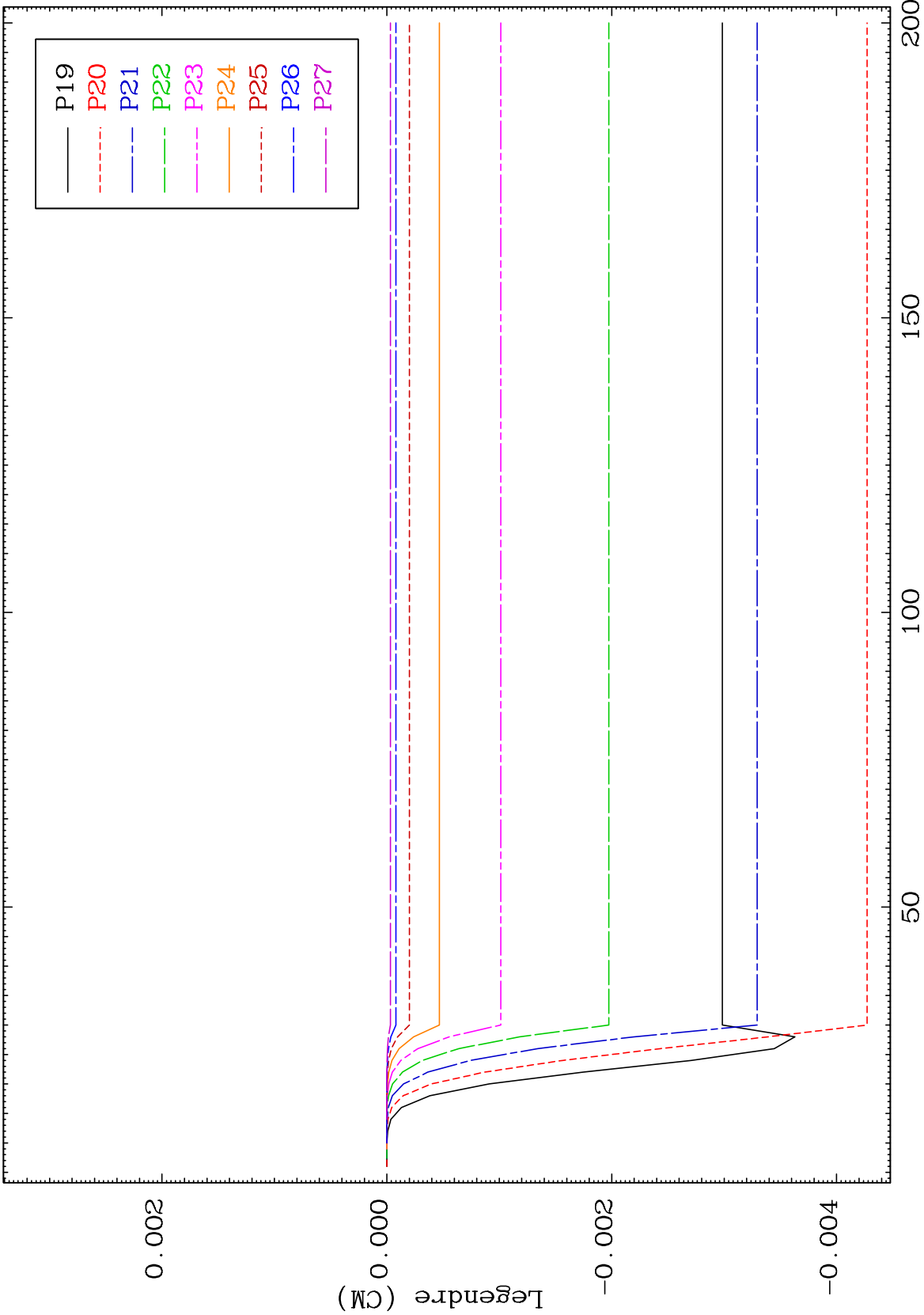
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

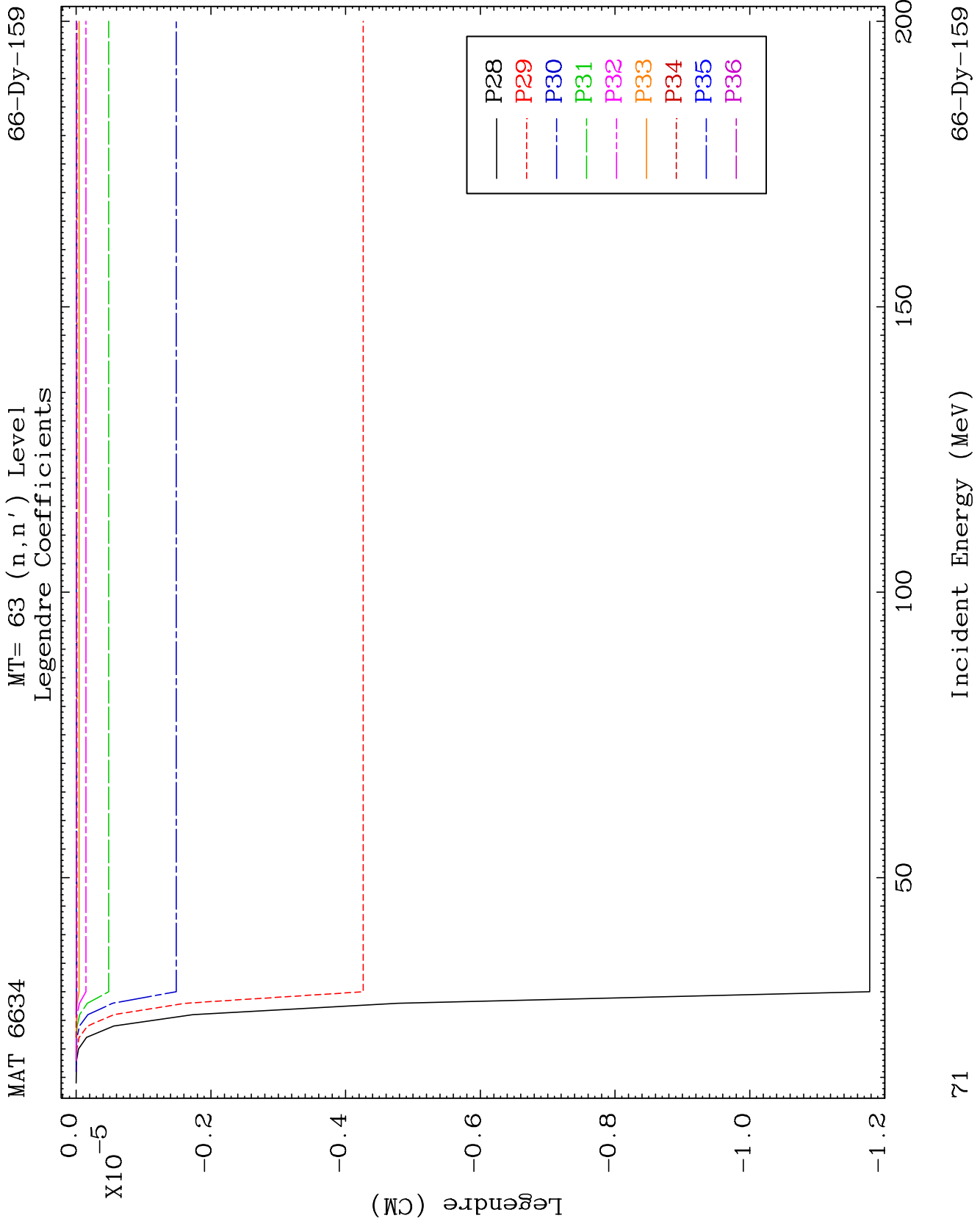
66-Dy-159



70

Incident Energy (MeV)

66-Dy-159

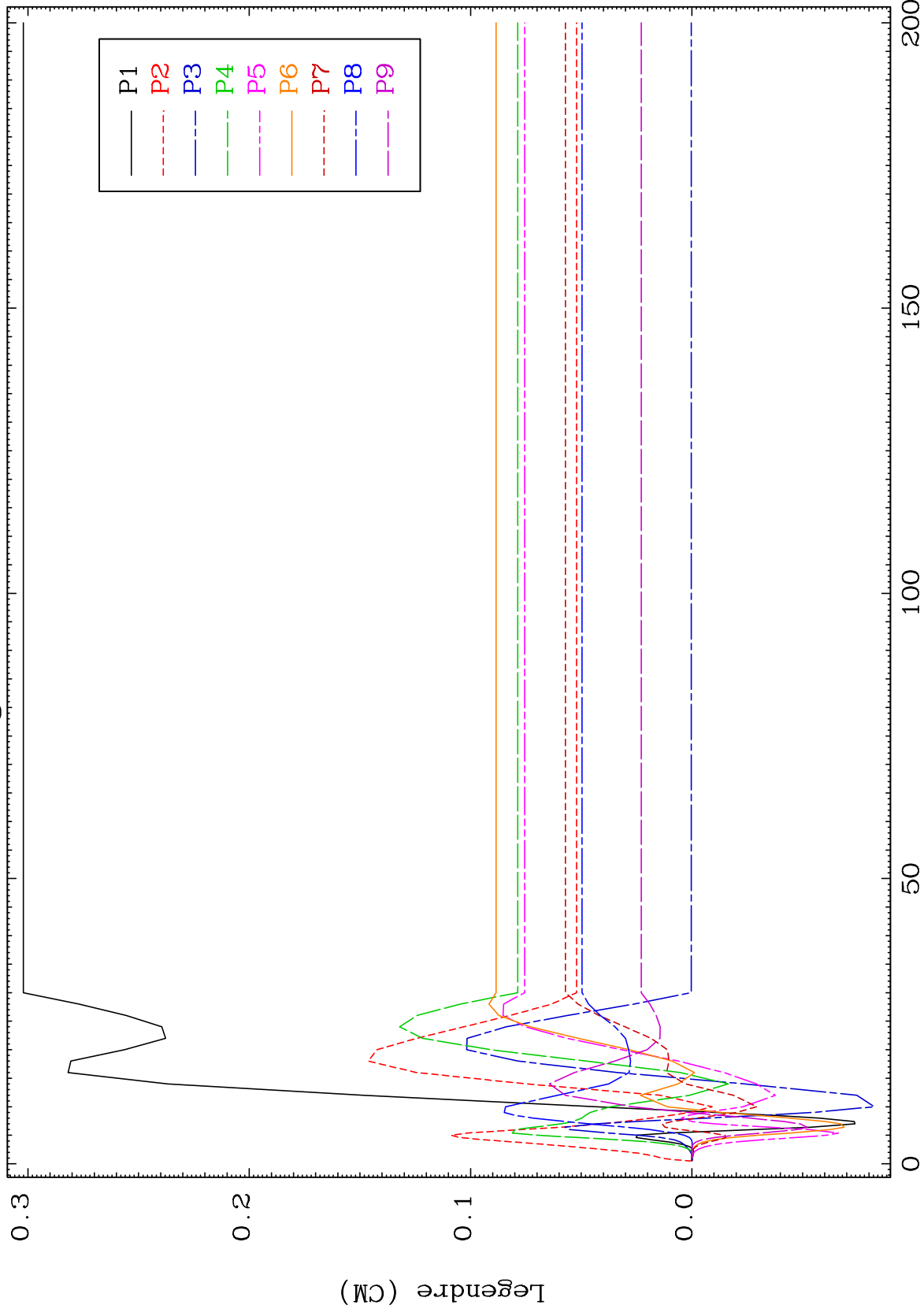




MAT 6634

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

66-Dy-159



72

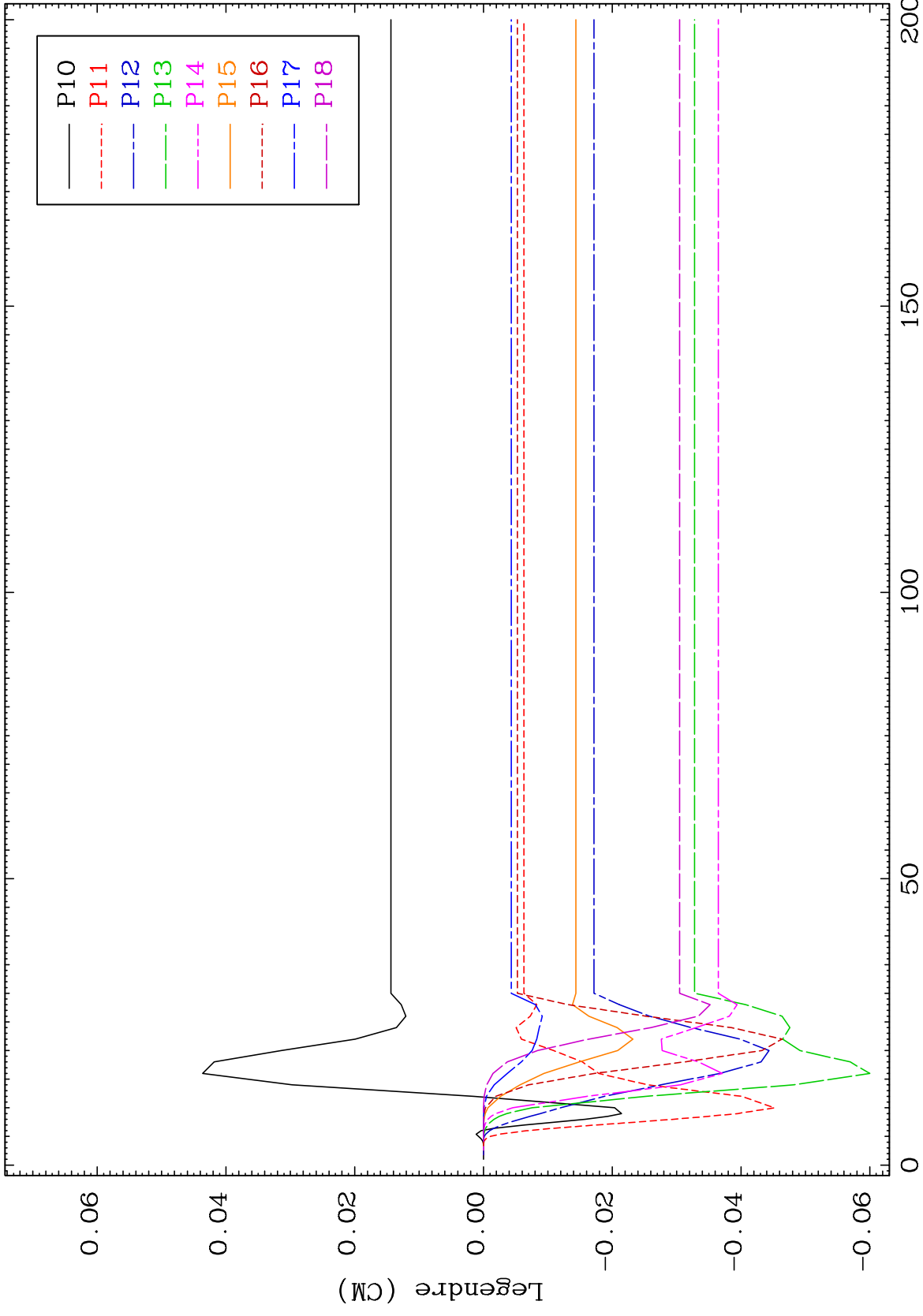
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



73

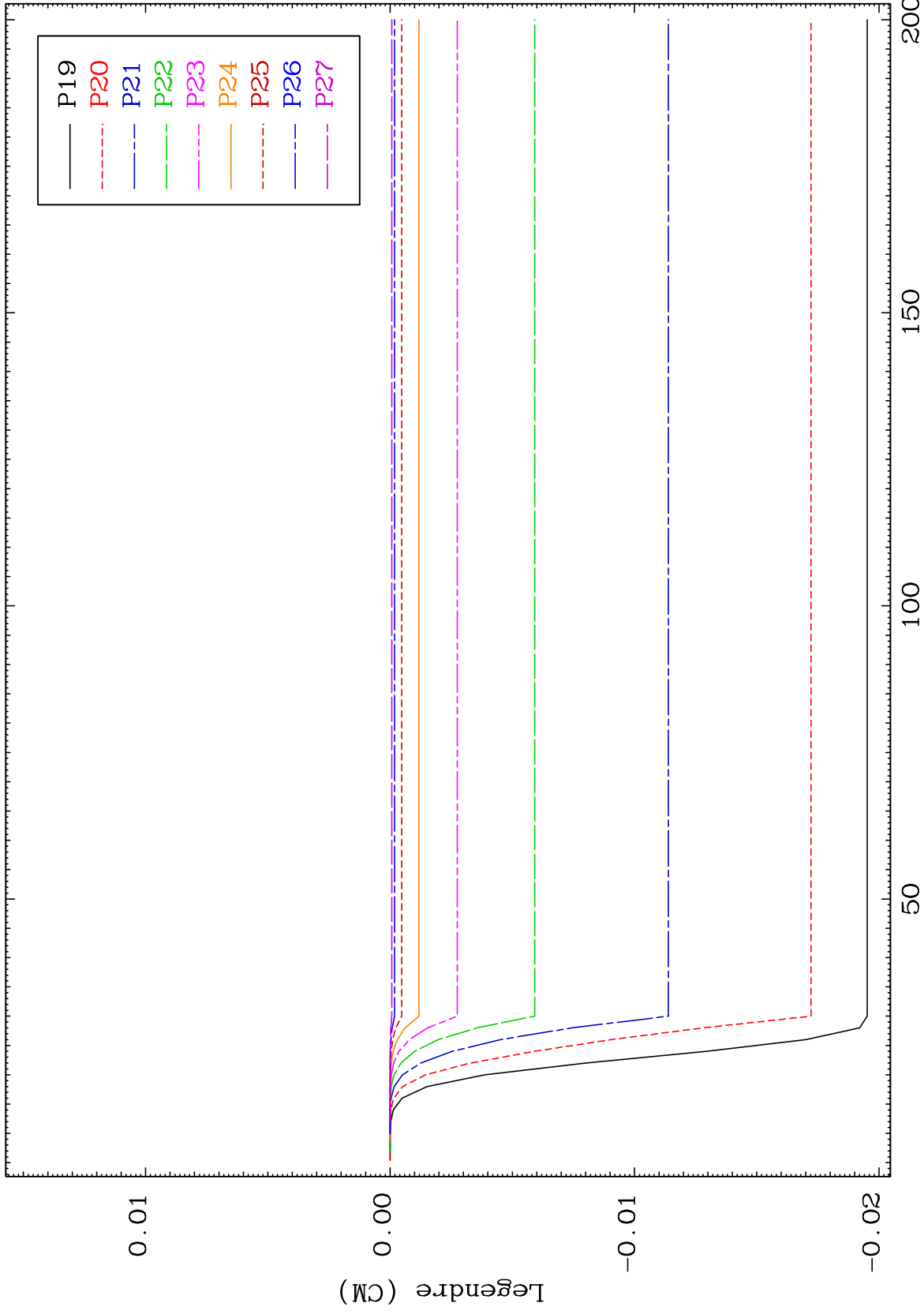
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



74

Incident Energy (MeV)

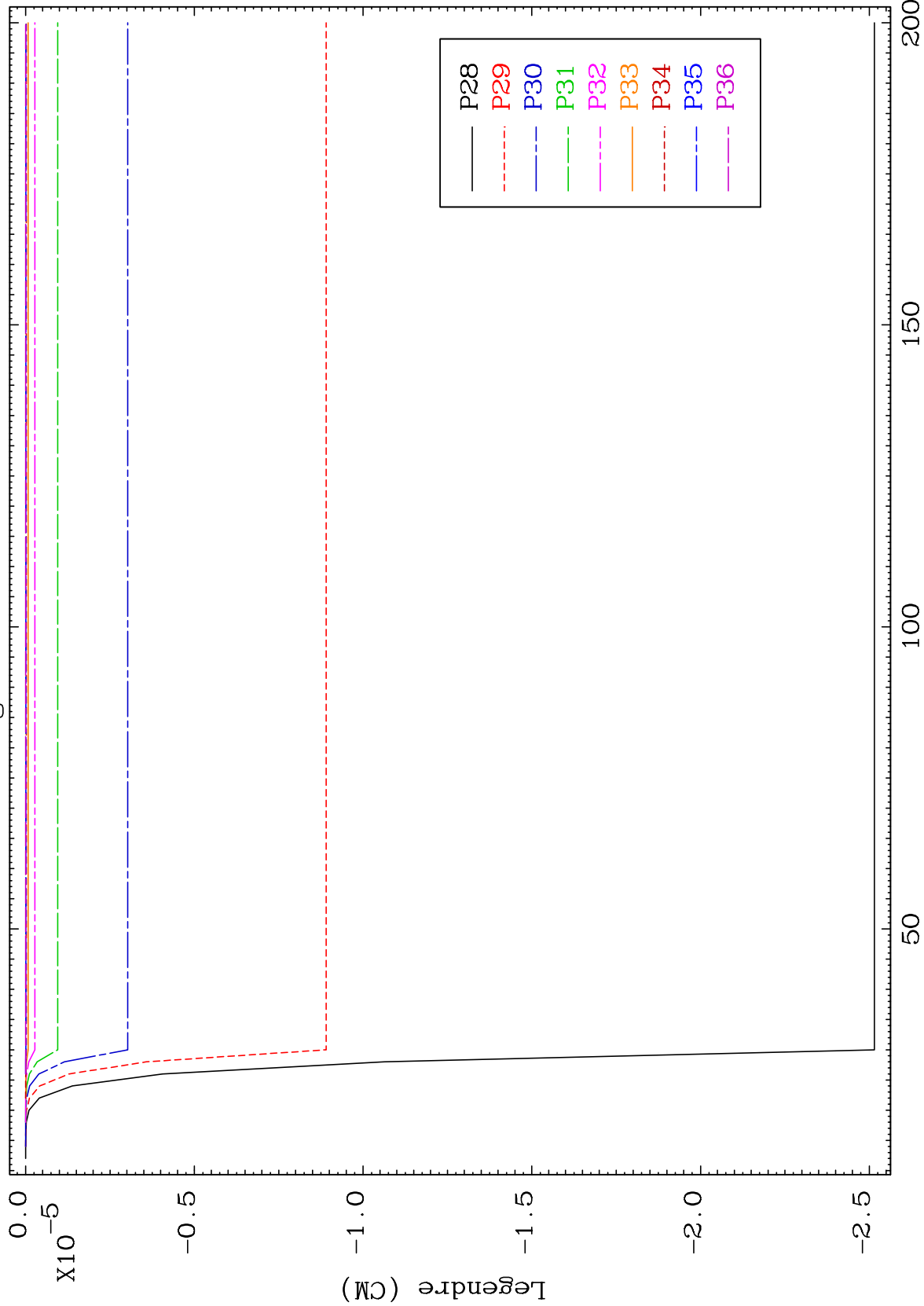
66-Dy-159

MAT 6634

MT= 64 (n,n') Level

66-Dy-159

Legendre Coefficients



66-Dy-159

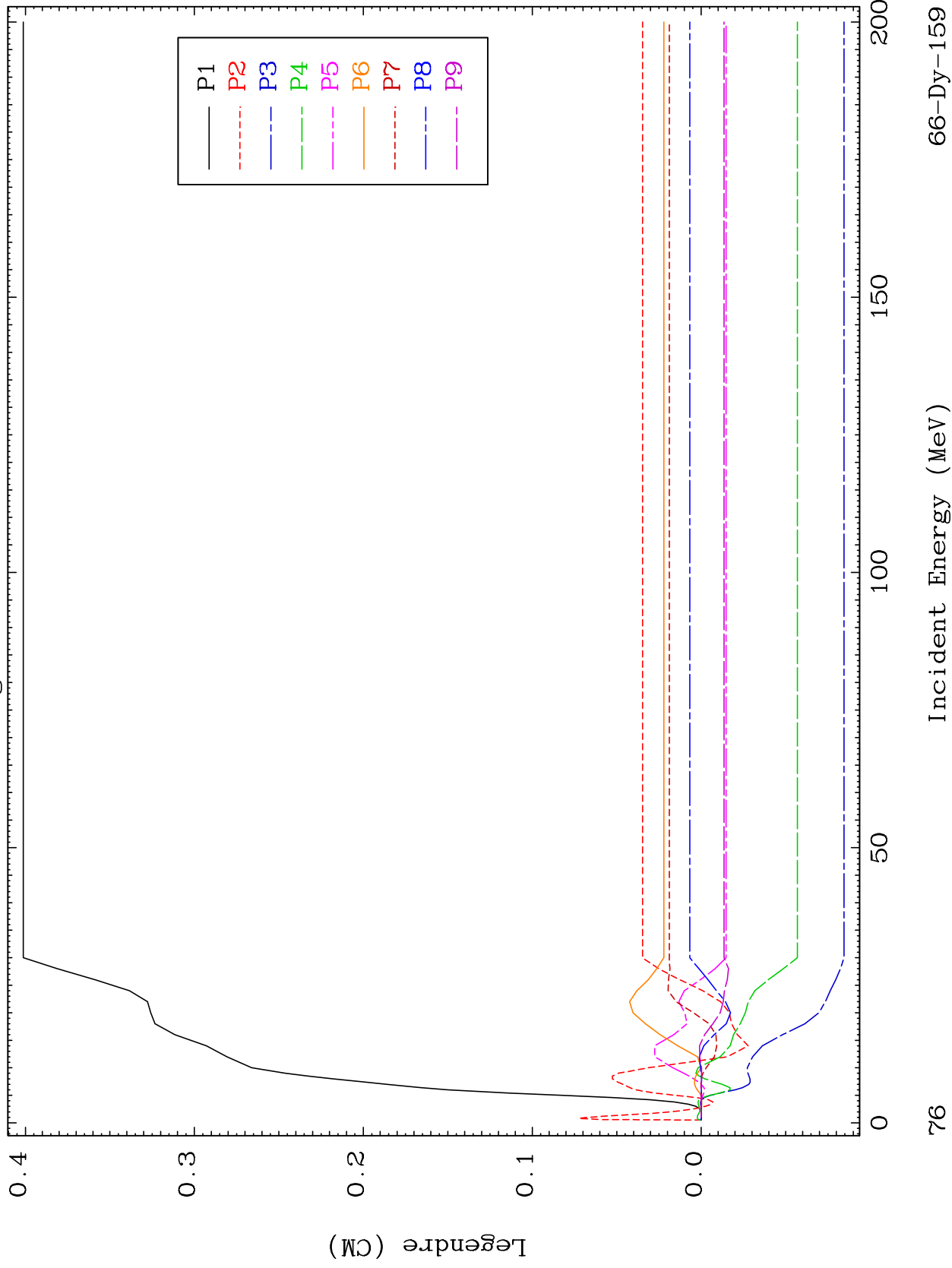
Incident Energy (MeV)

75

MAT 6634

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

66-Dy-159



66-Dy-159

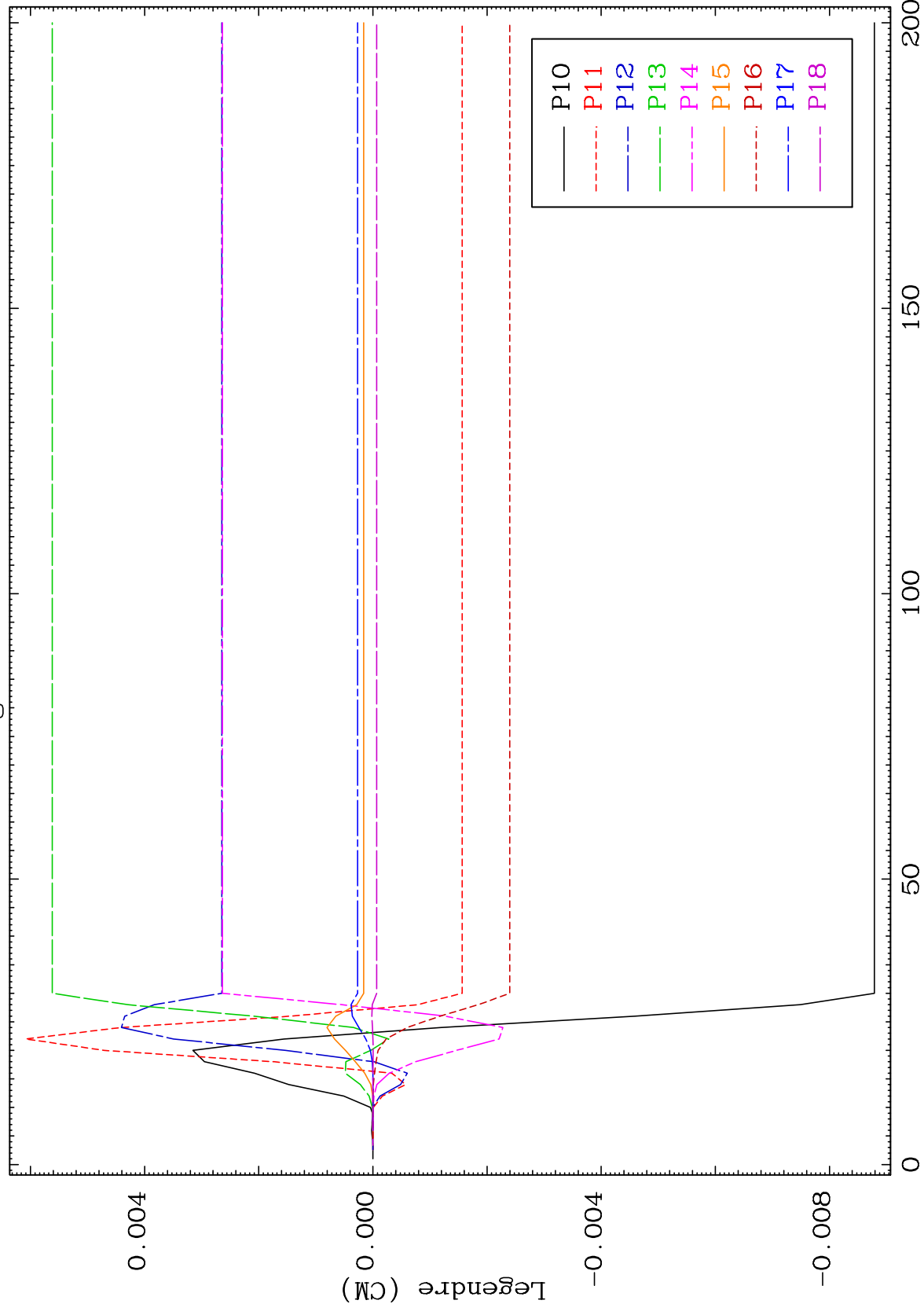
Incident Energy (MeV)

76

MAT 6634

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

66-Dy-159



77

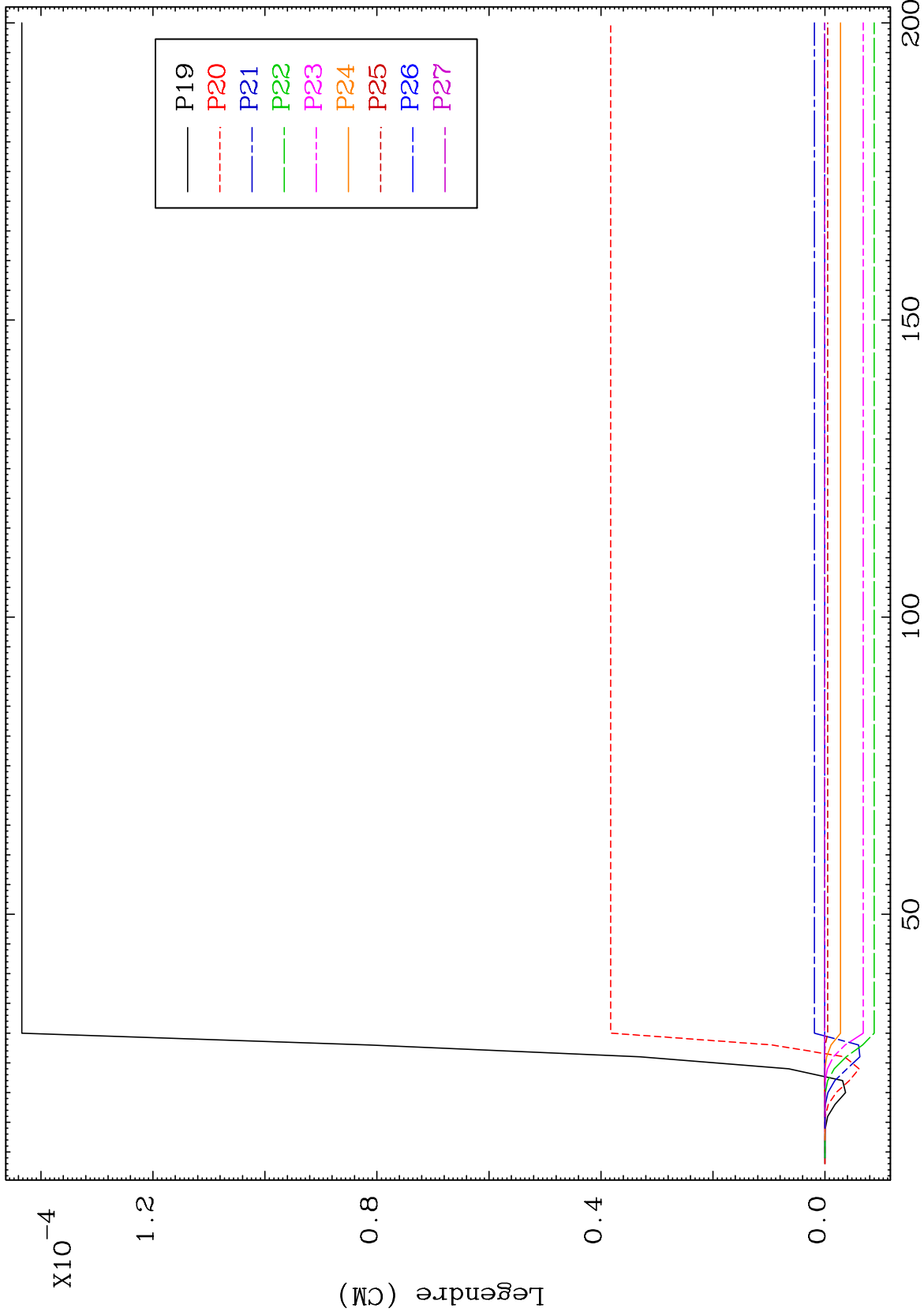
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



78

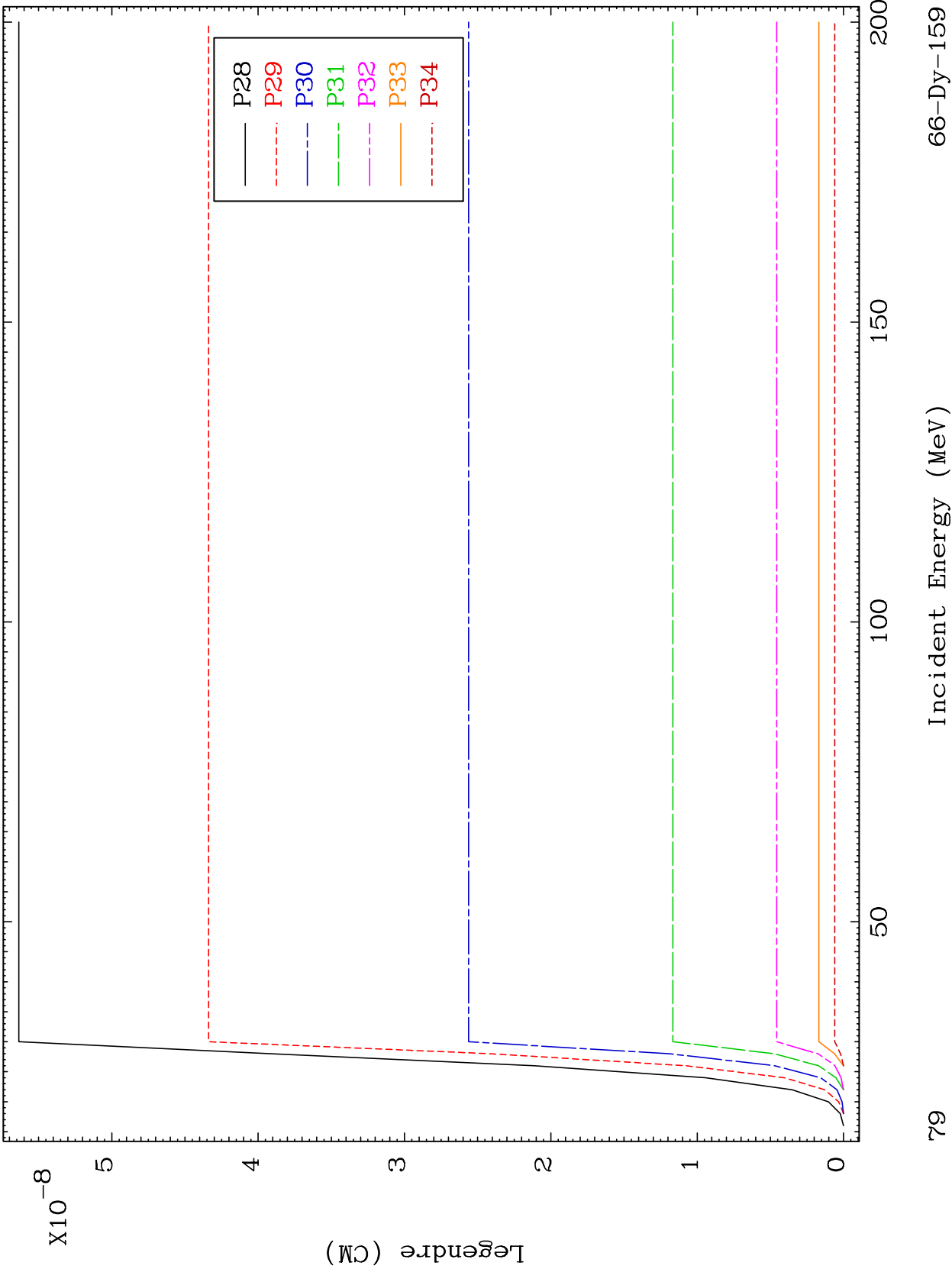
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



79

Incident Energy (MeV)

66-Dy-159

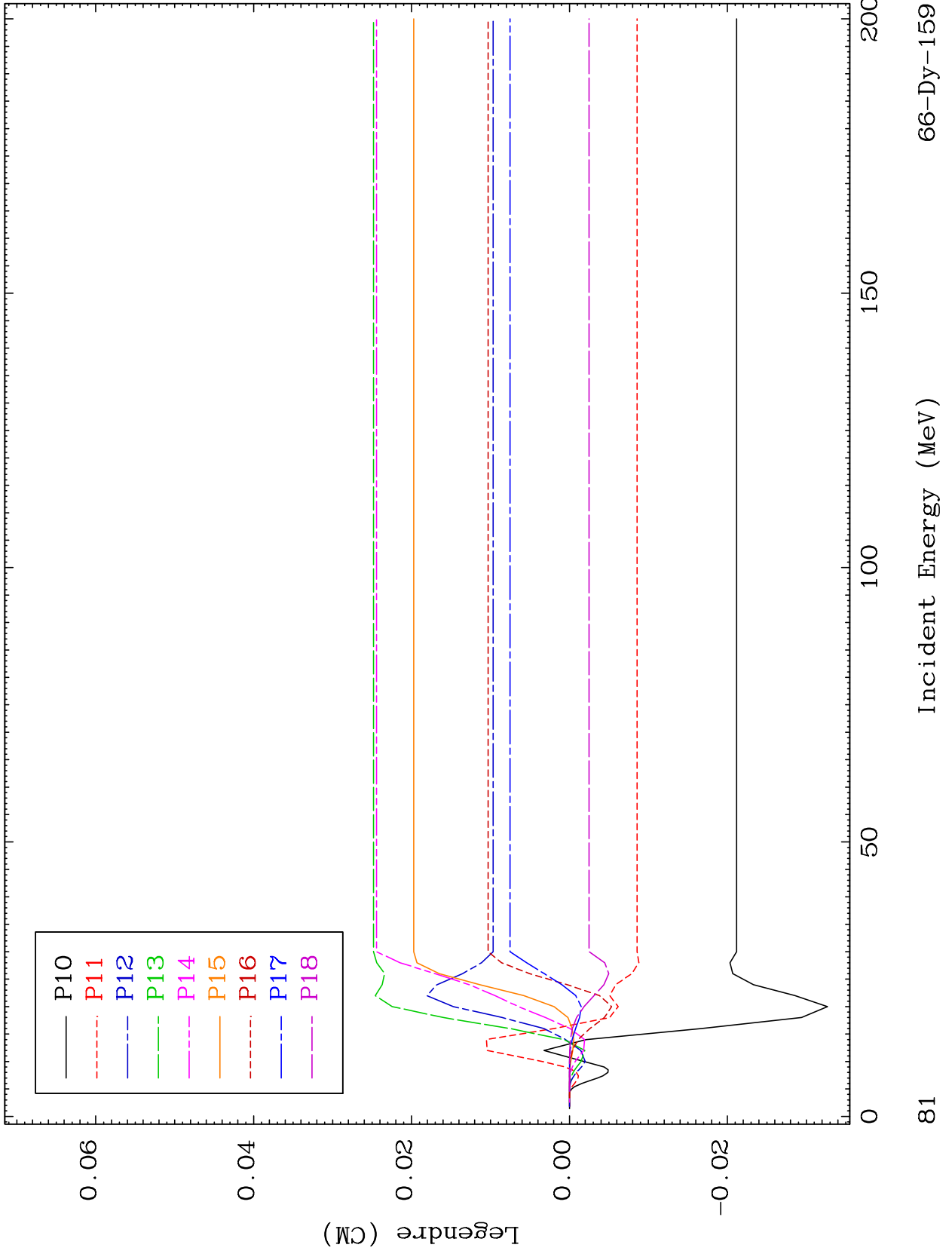




MAT 6634

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

66-Dy-159



81

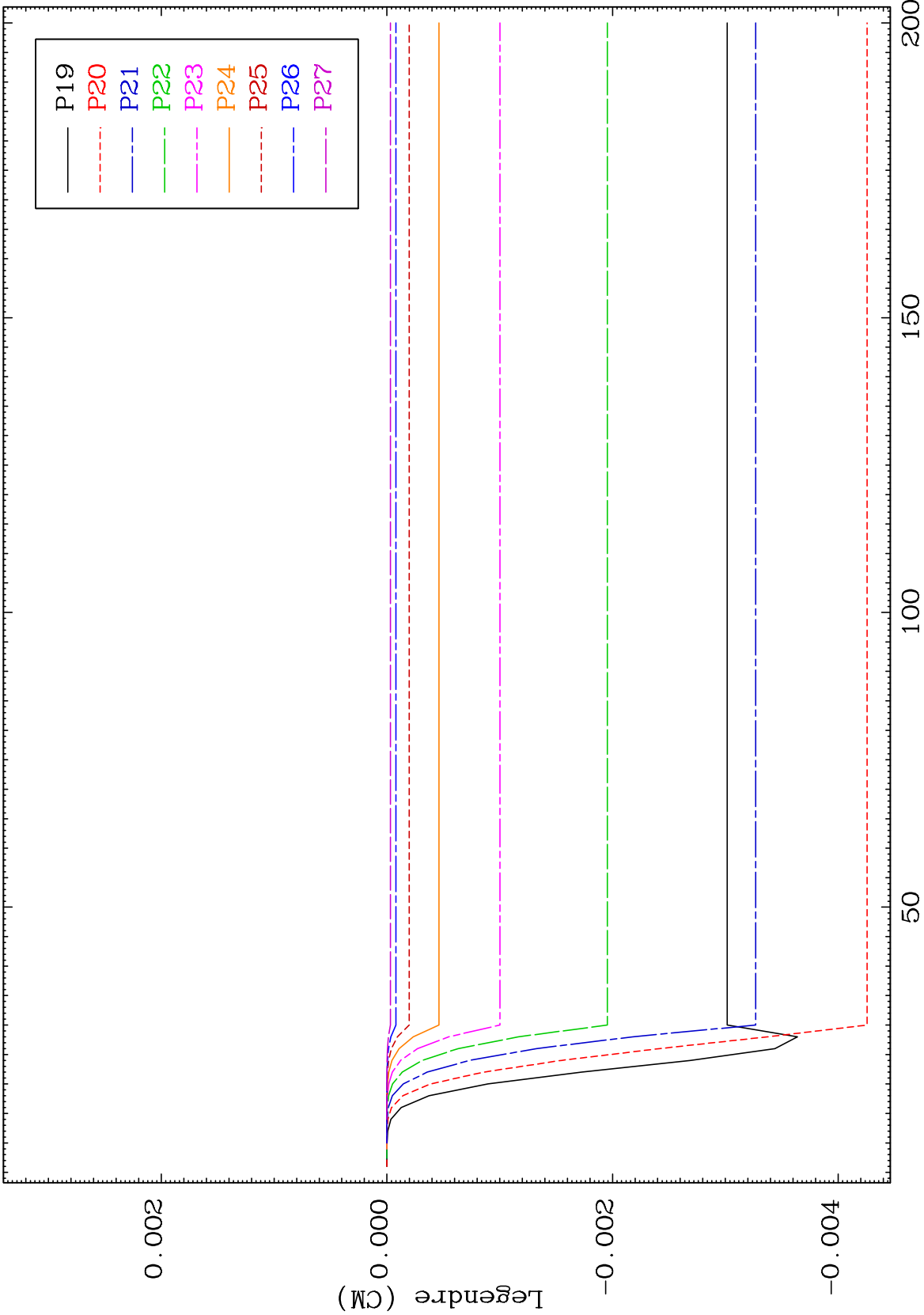
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

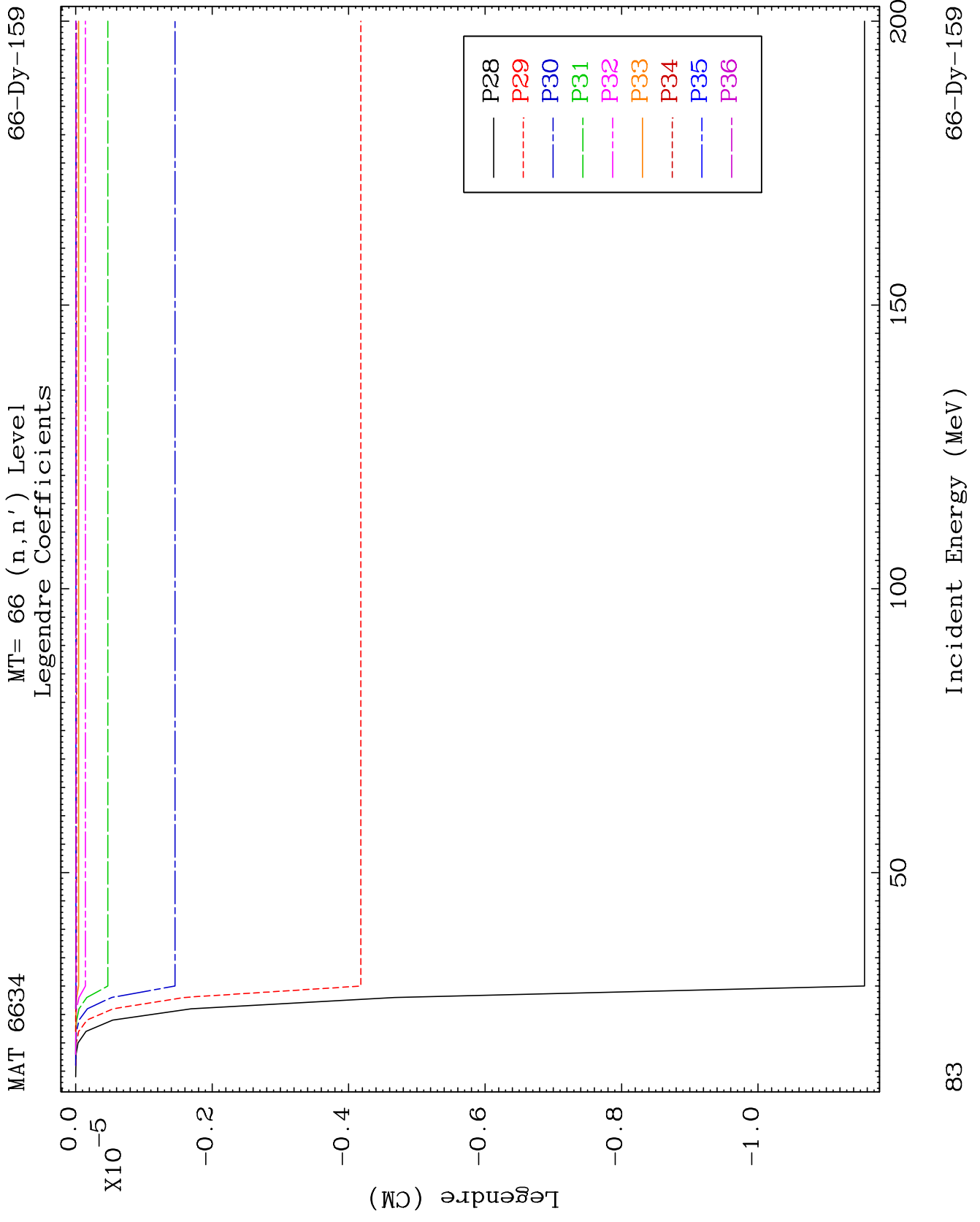
66-Dy-159



82

Incident Energy (MeV)

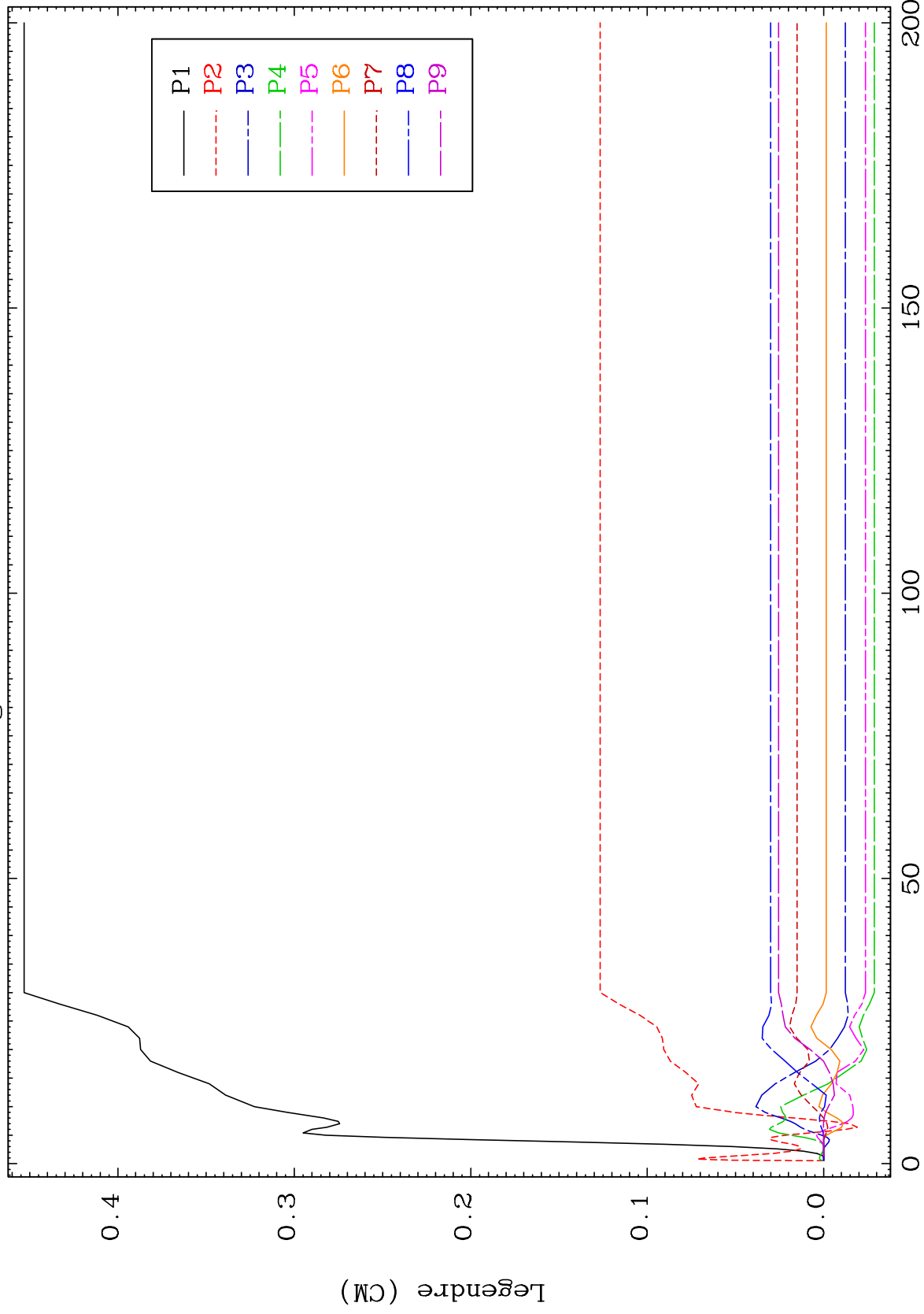
66-Dy-159



MAT 6634

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

66-Dy-159



84

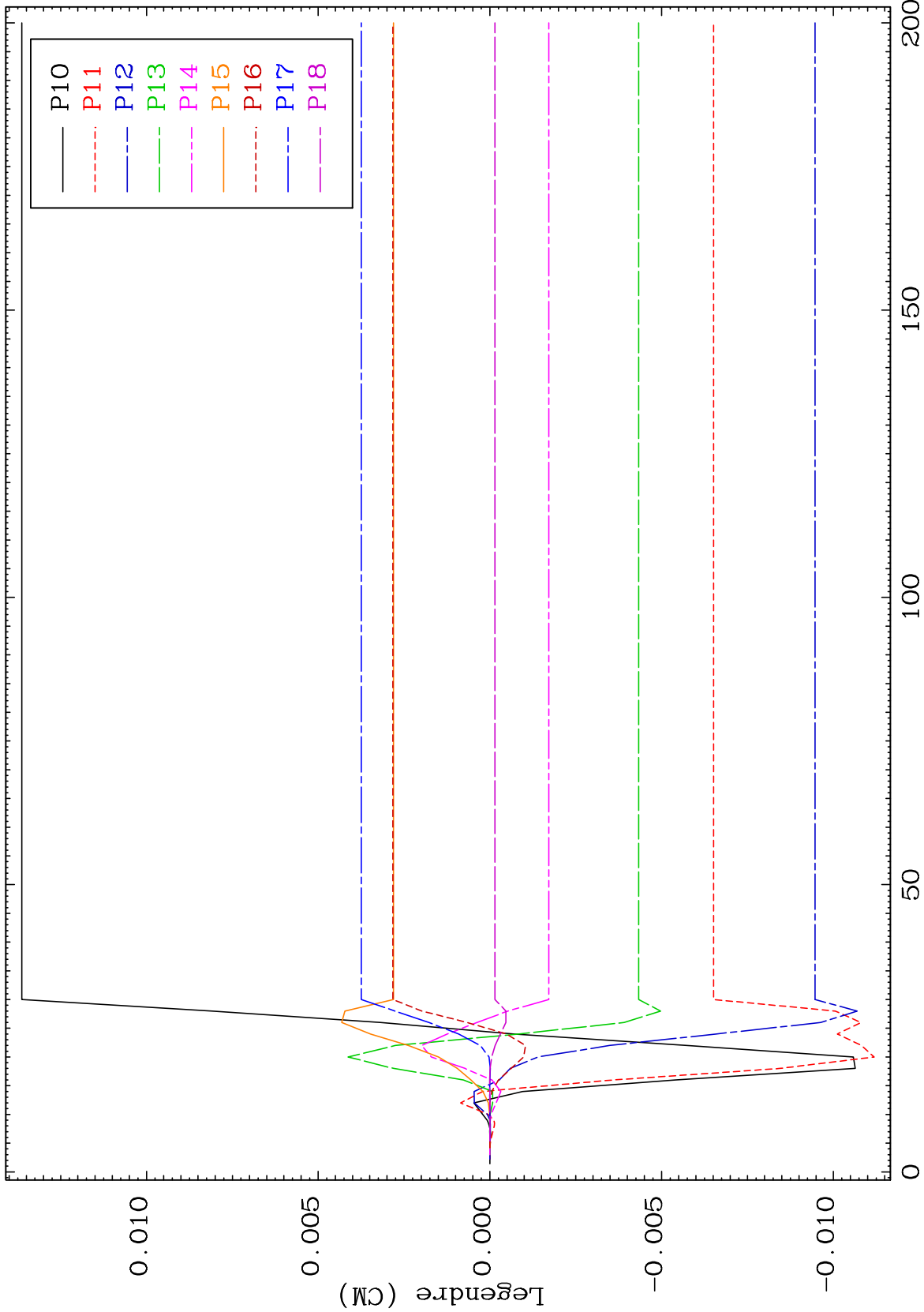
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



66-Dy-159

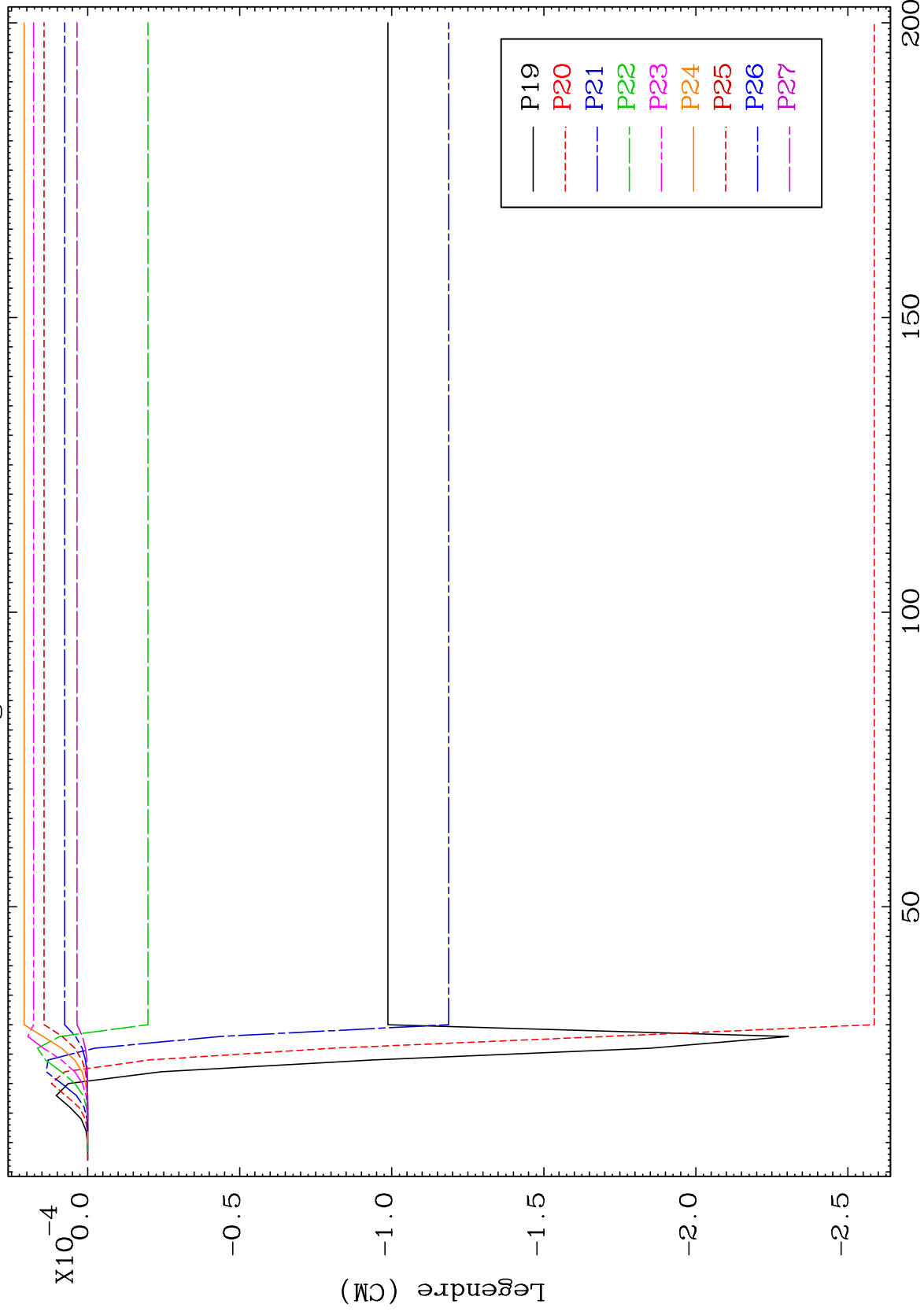
Incident Energy (MeV)

85

MAT 6634

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

66-Dy-159



86

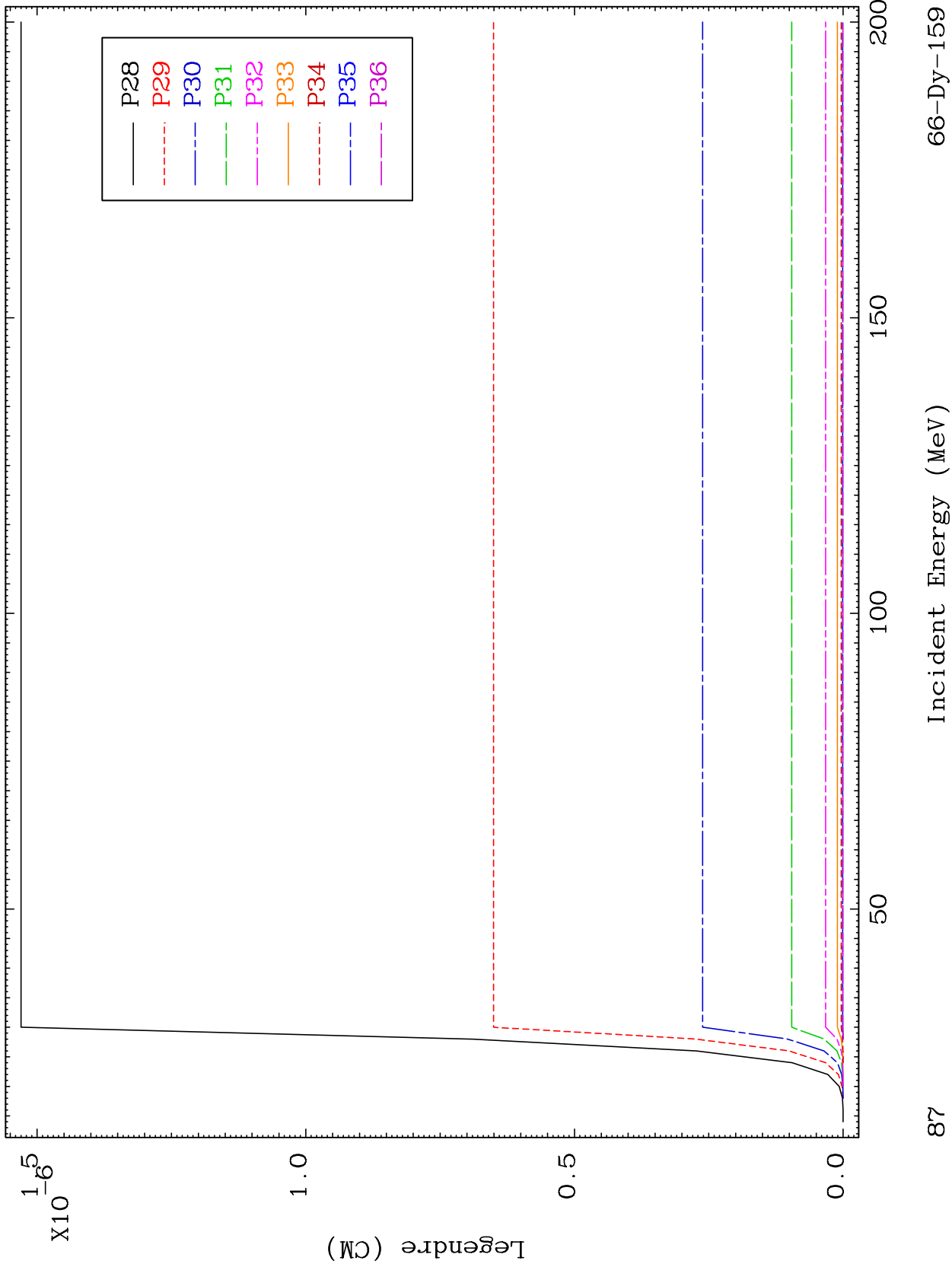
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



87

Incident Energy (MeV)

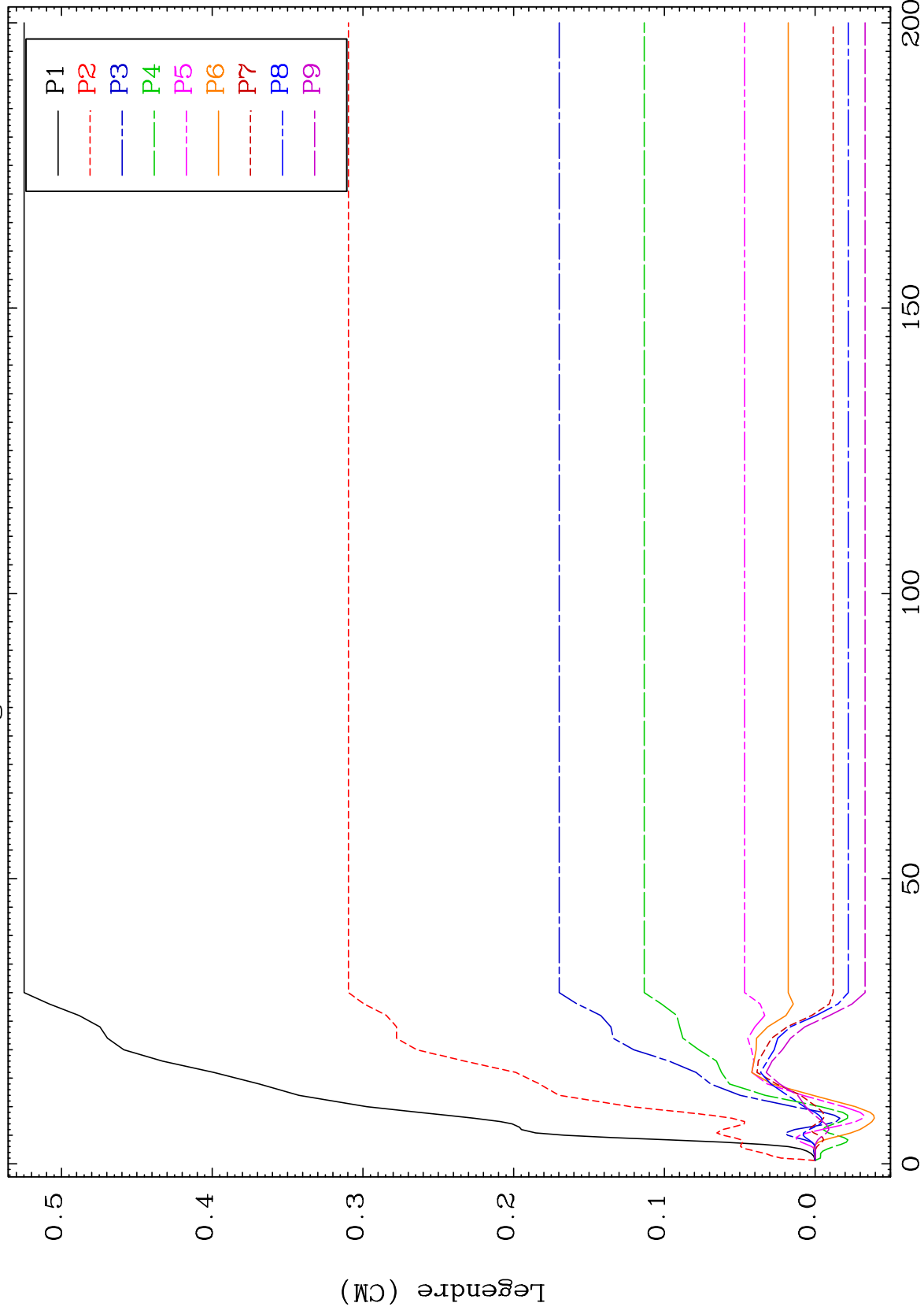
66-Dy-159



MAT 6634

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

66-Dy-159



88

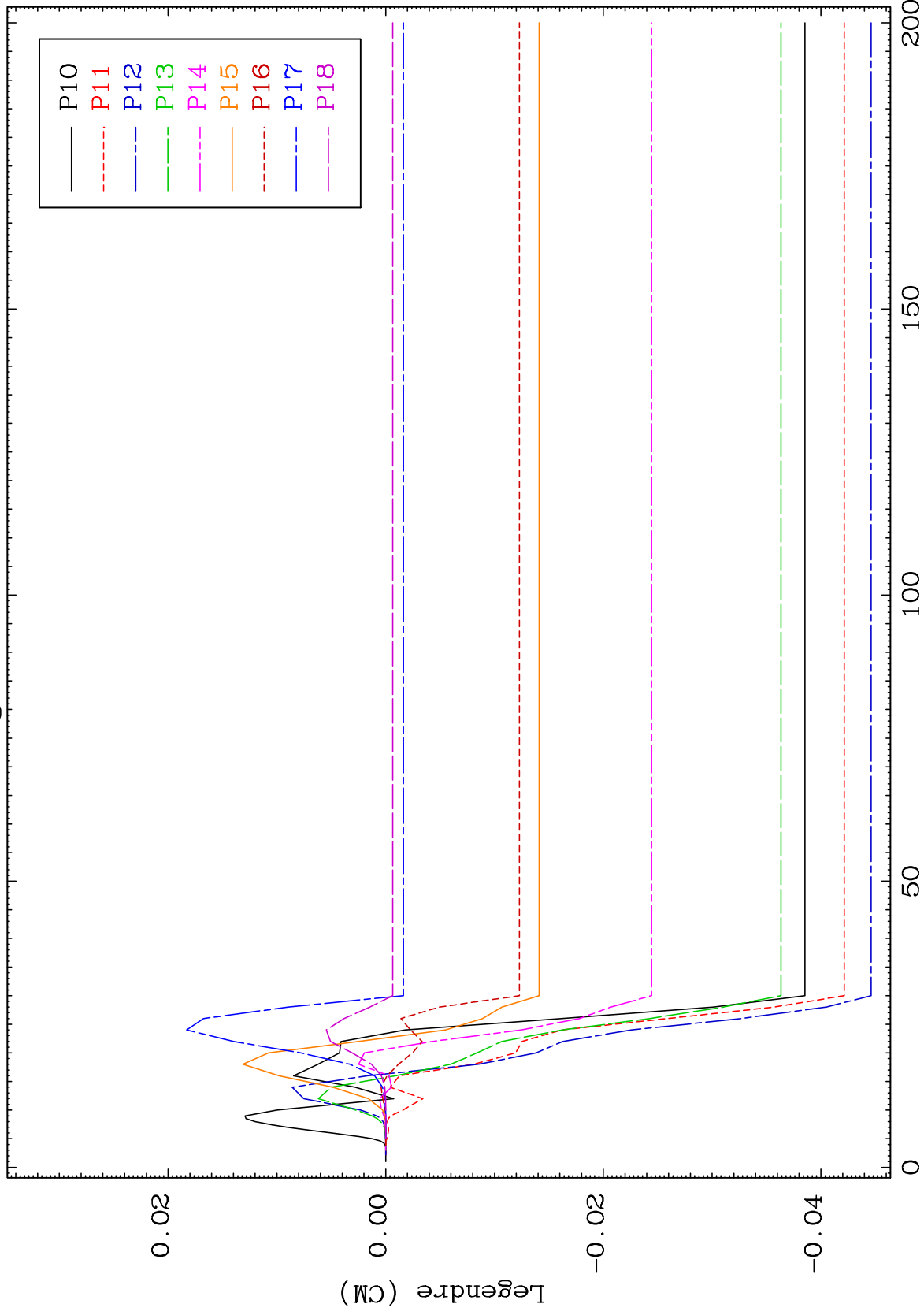
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



89

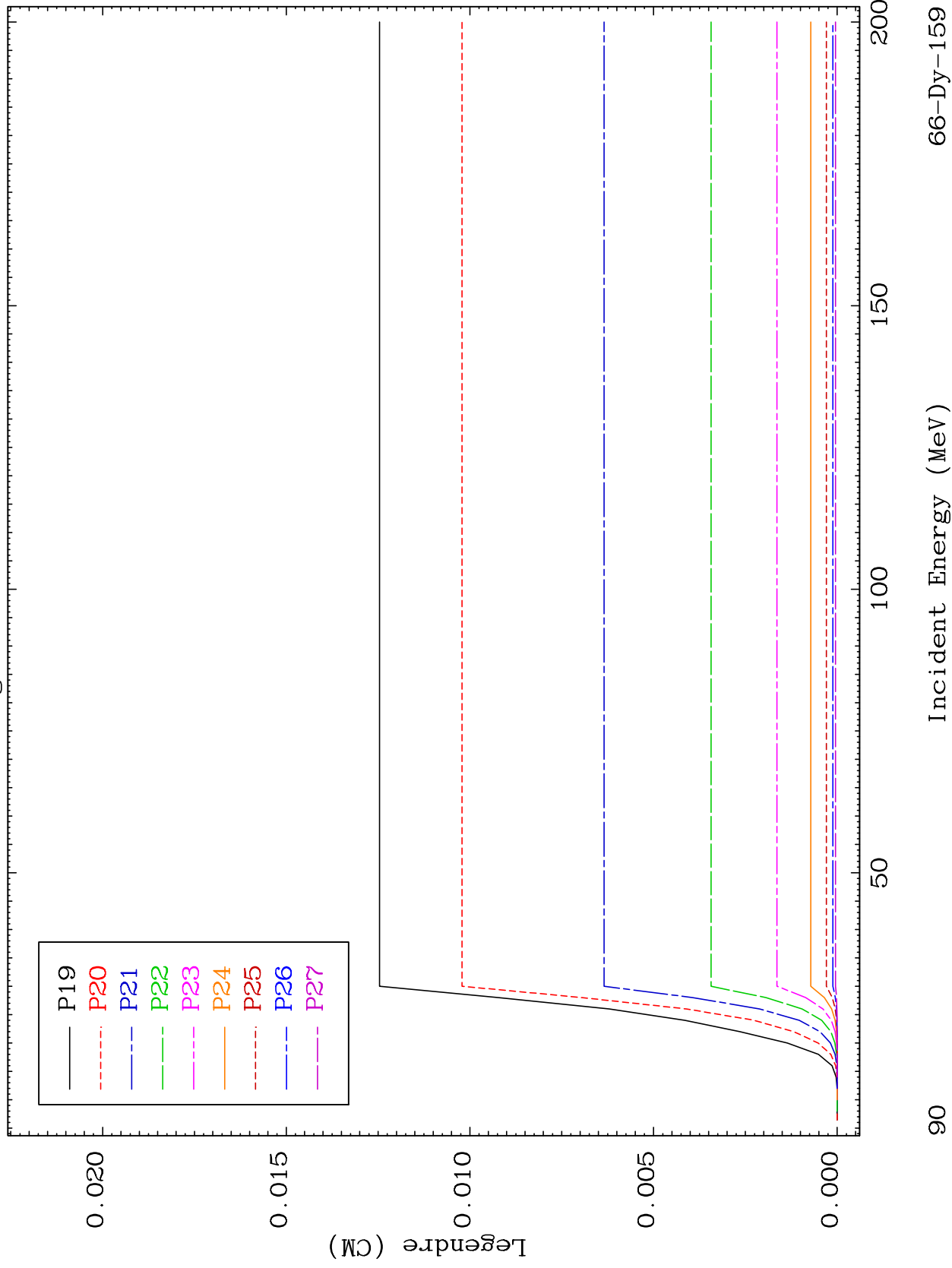
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



90

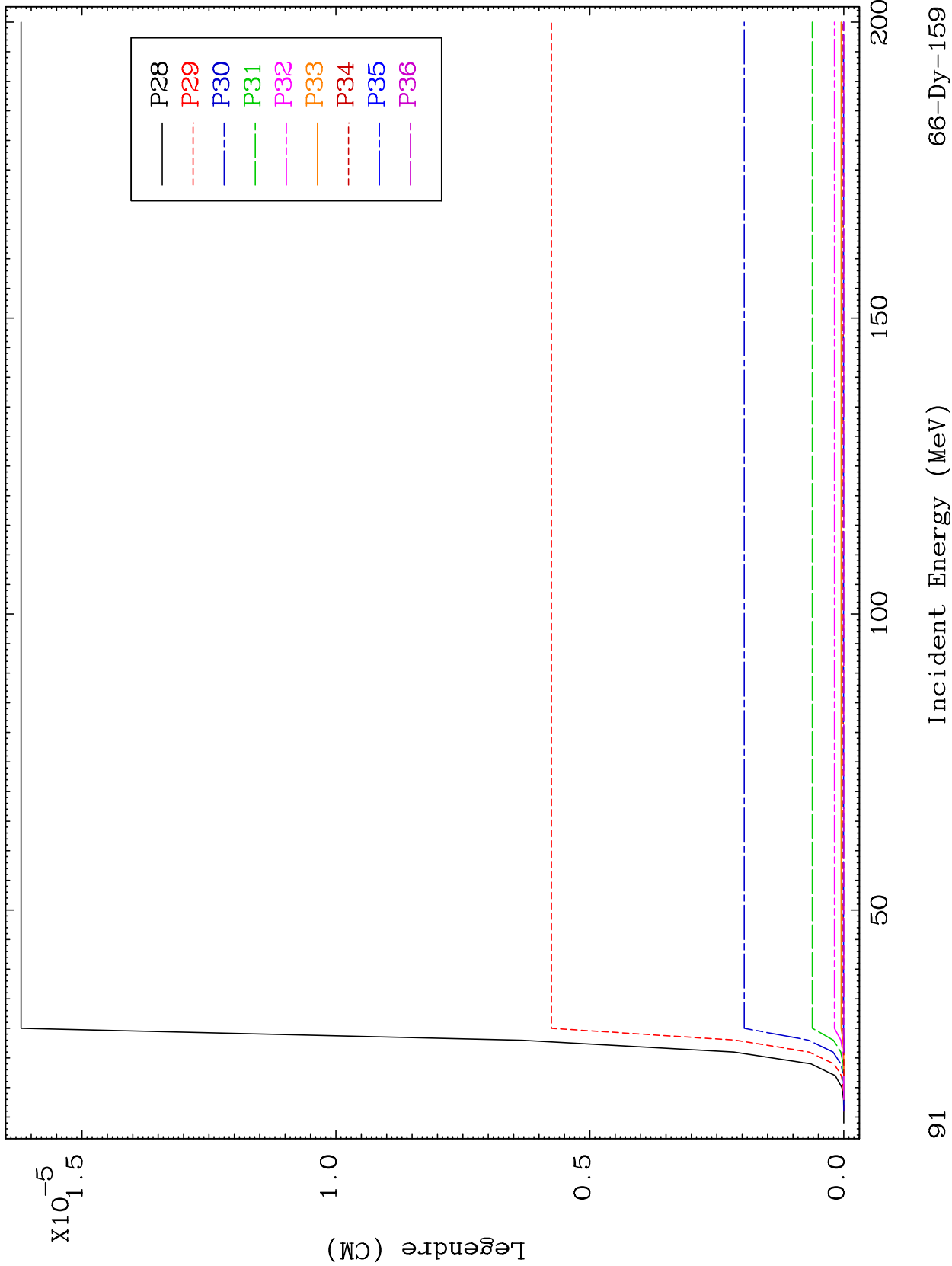
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159

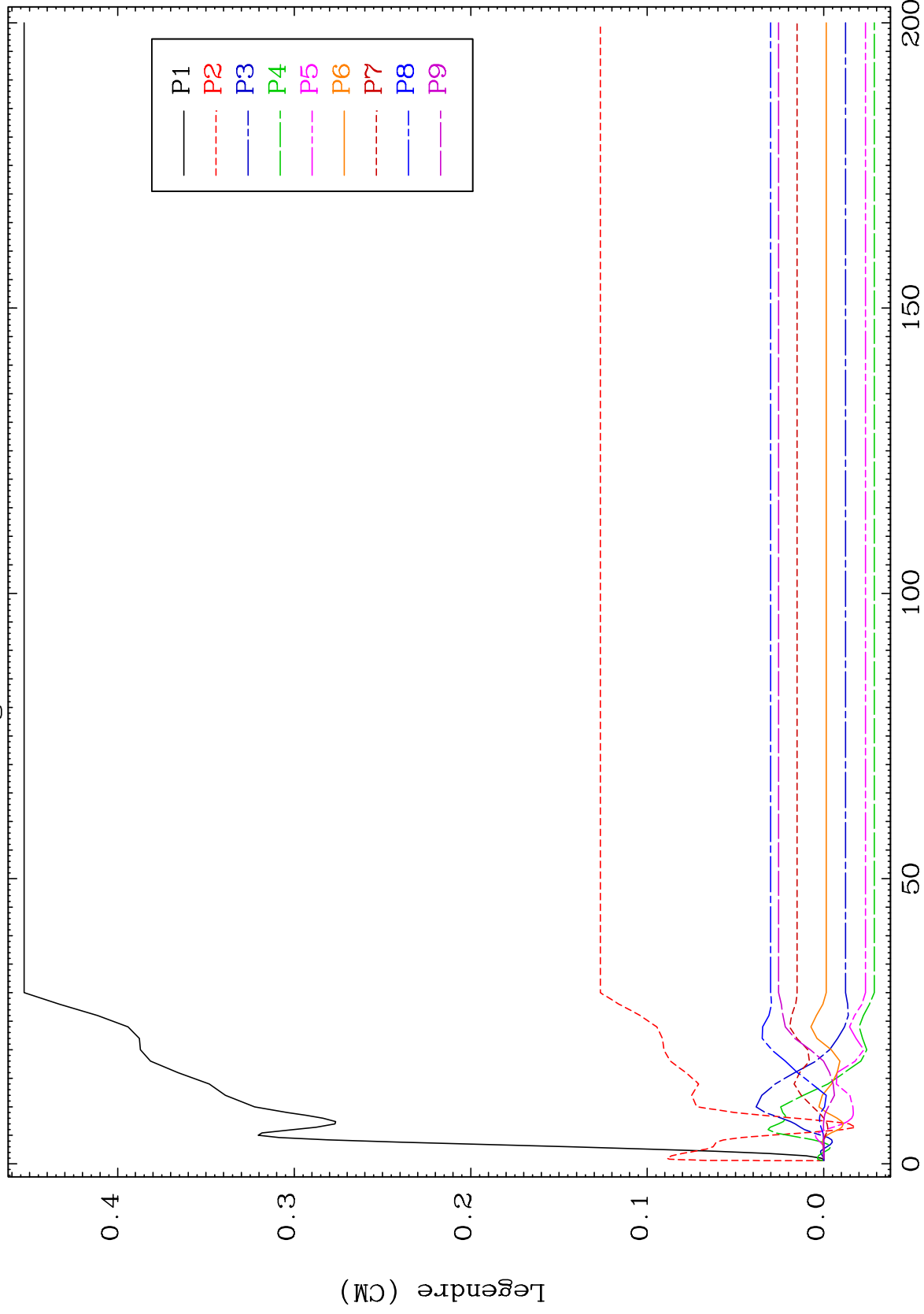


91

MAT 6634

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

66-Dy-159



92

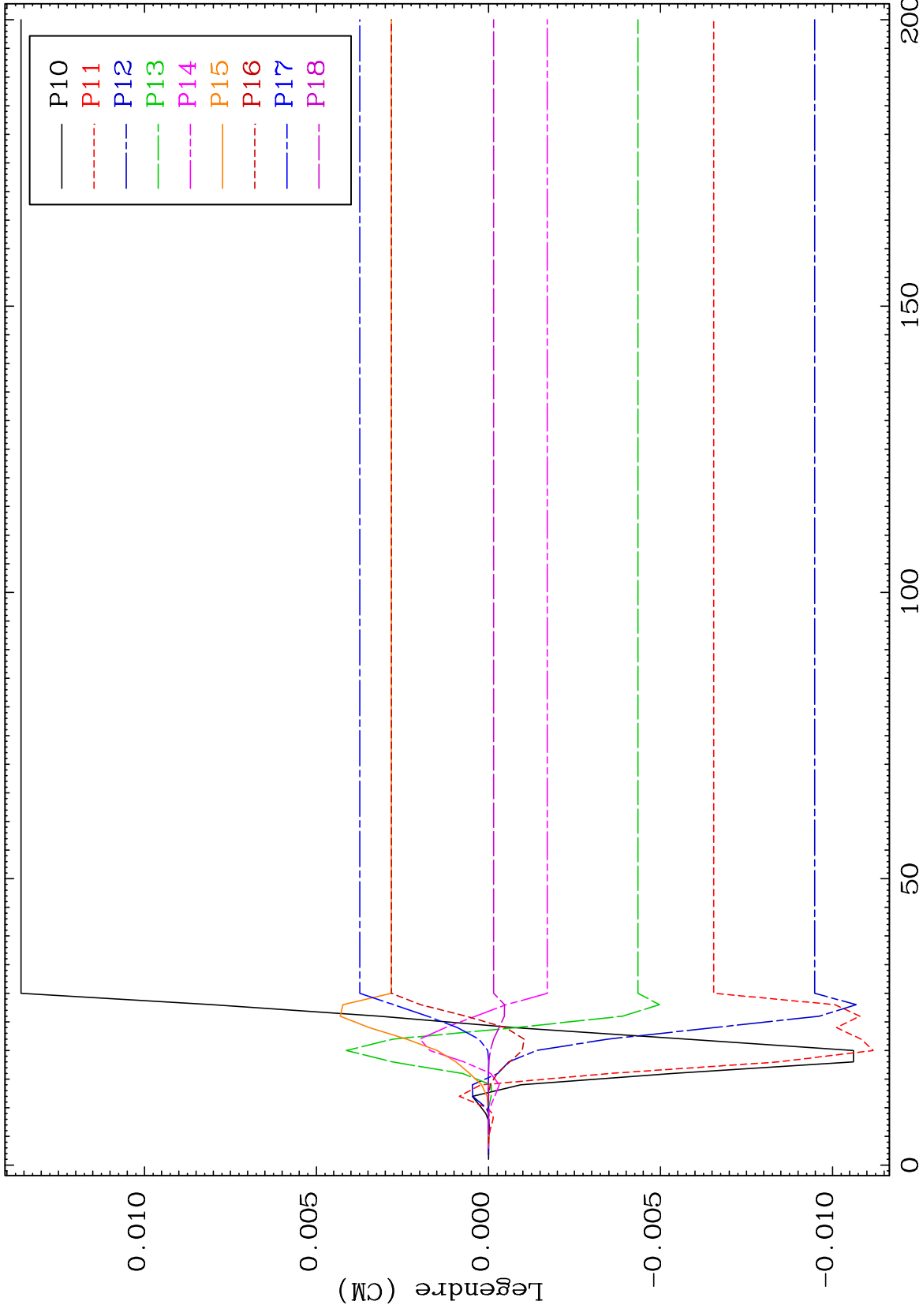
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



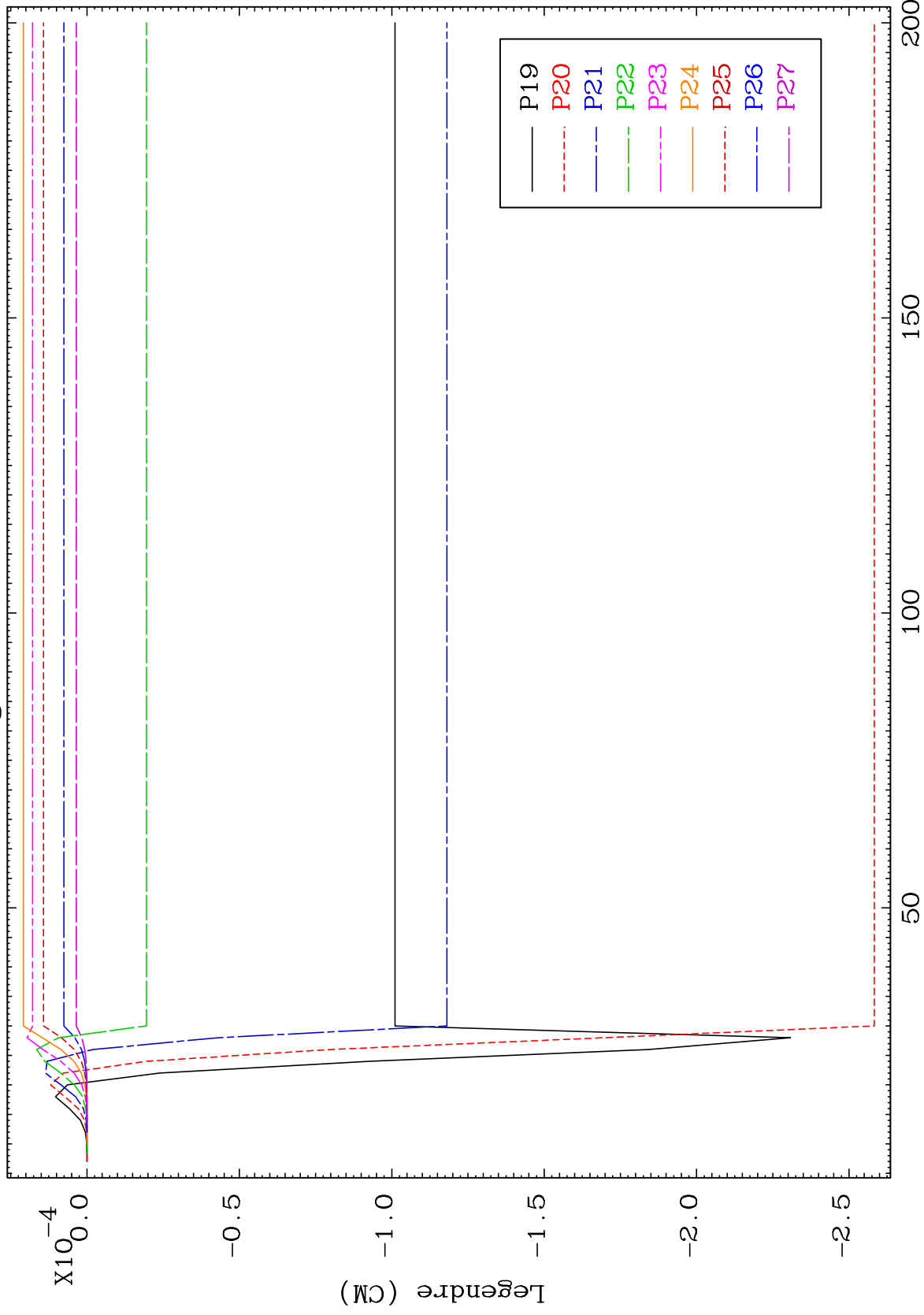
93

66-Dy-159

MAT 6634

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

66-Dy-159



94

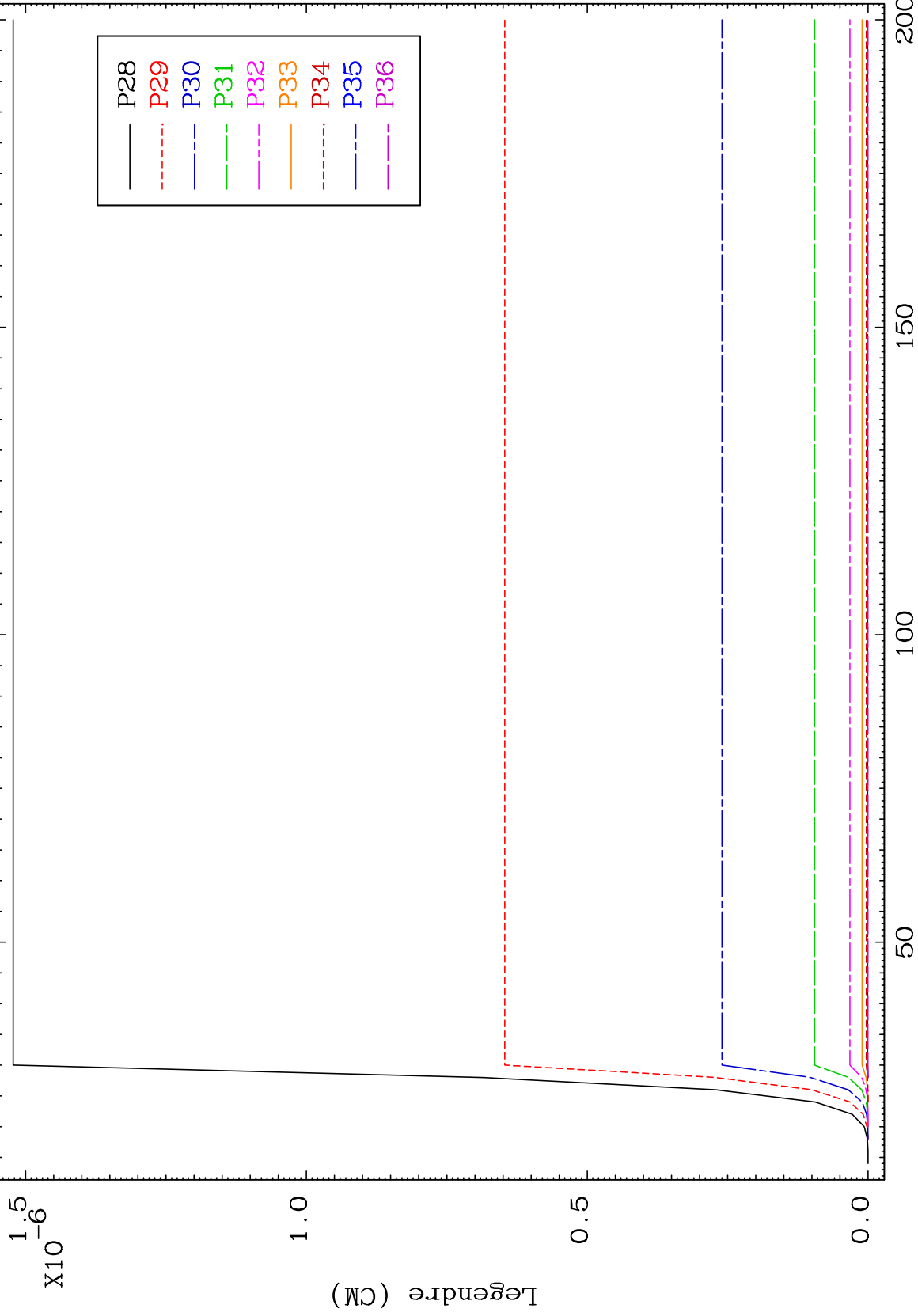
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



95

Incident Energy (MeV)

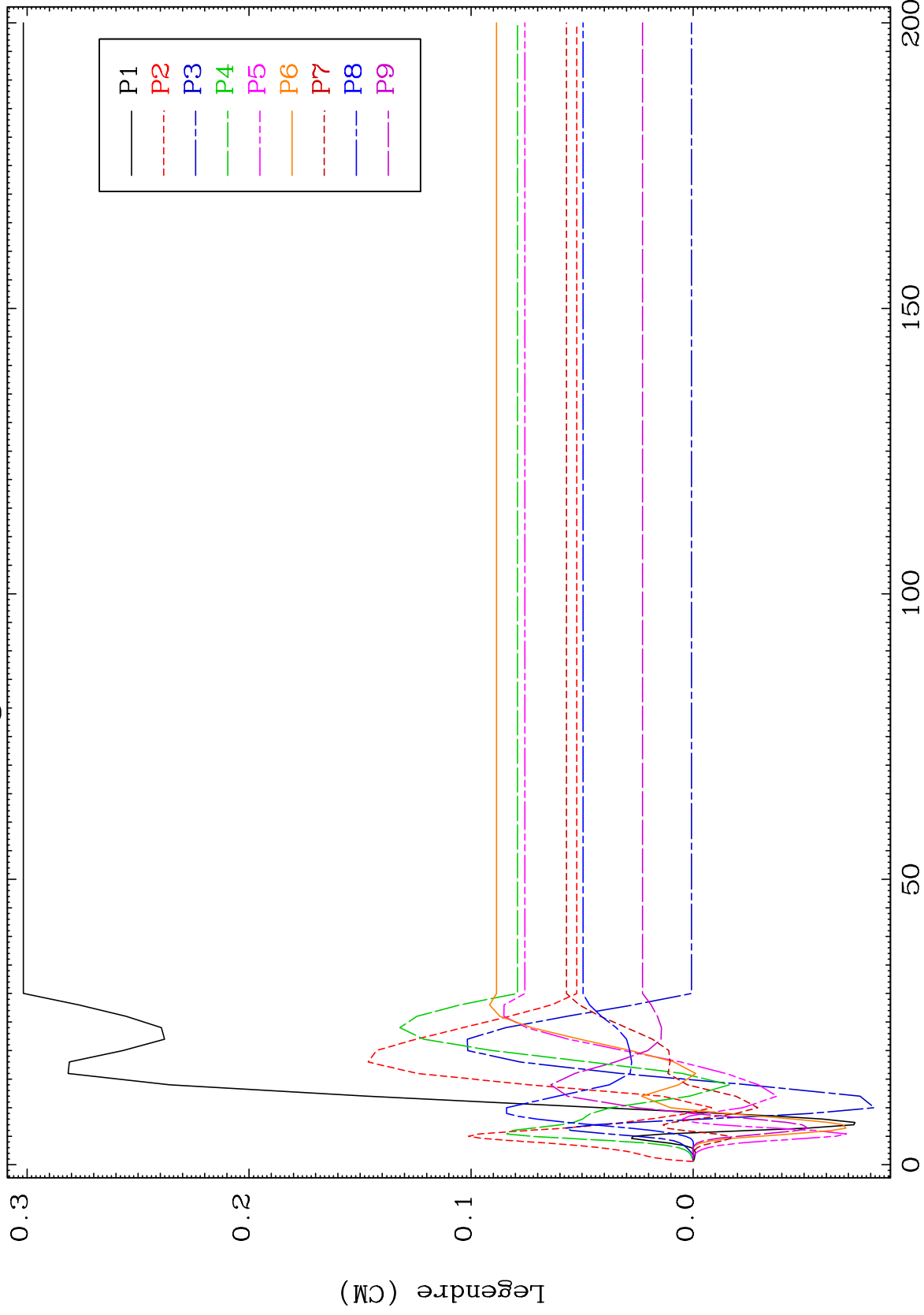
66-Dy-159



MAT 6634

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

66-Dy-159



96

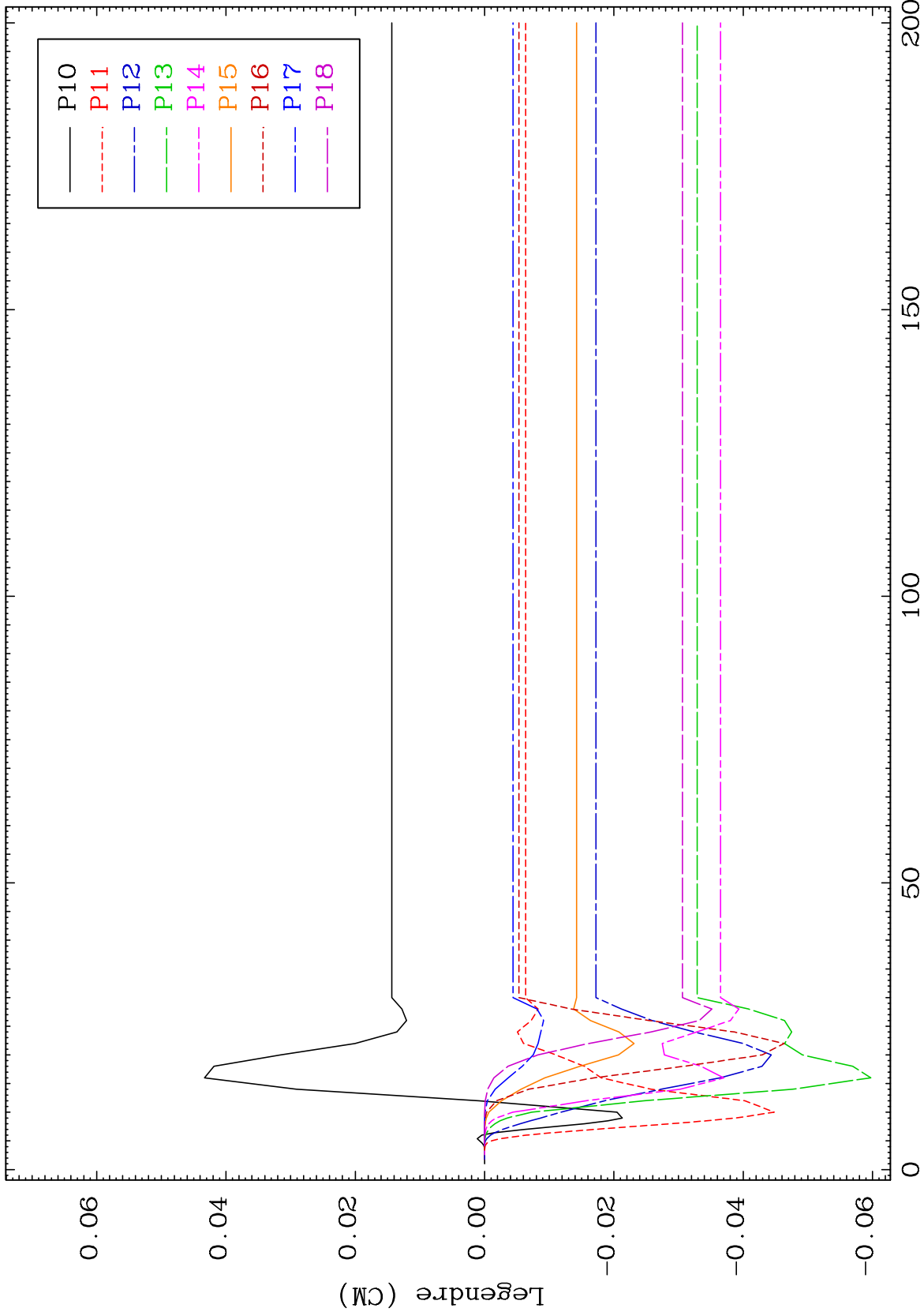
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



97

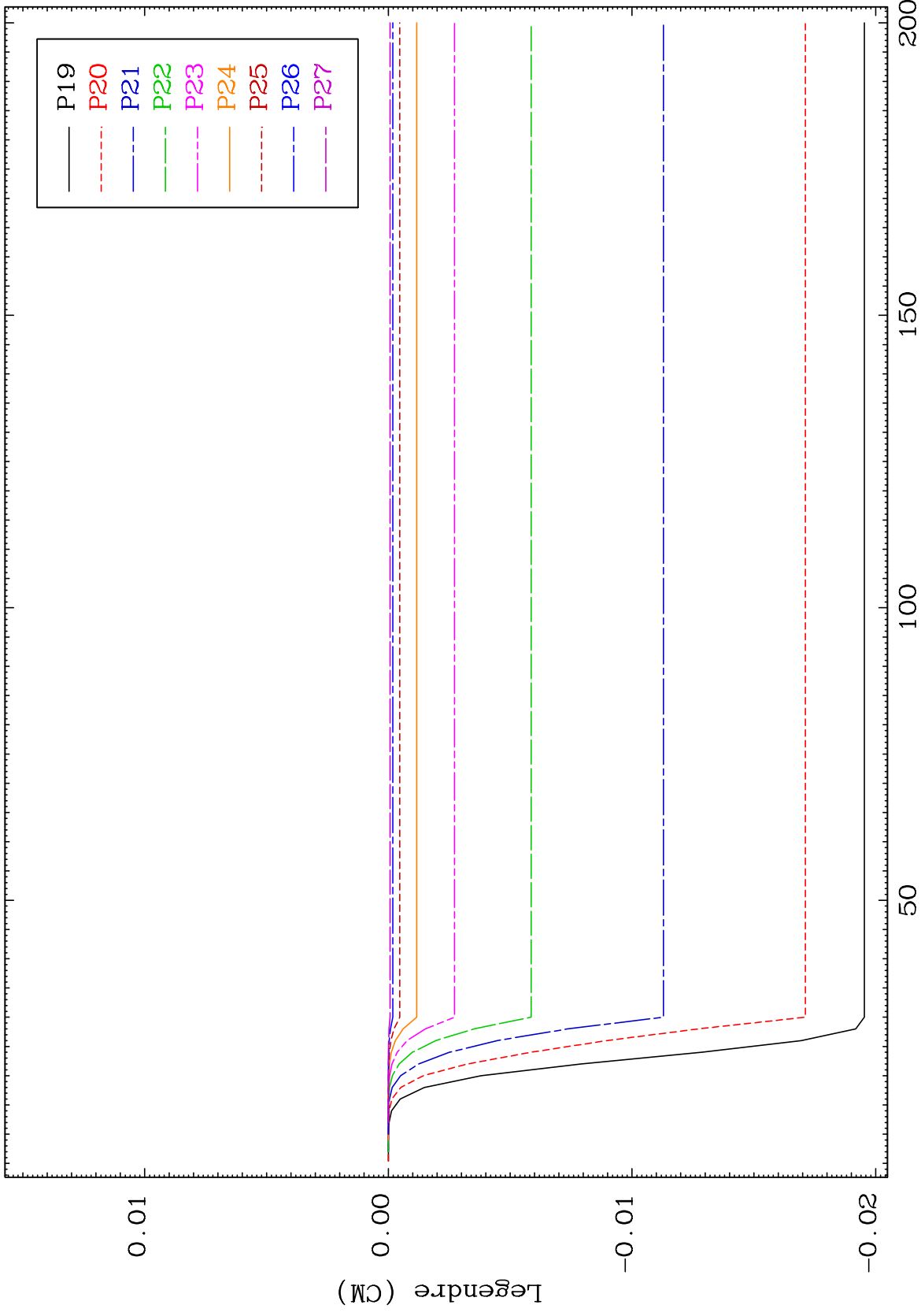
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



98

Incident Energy (MeV)

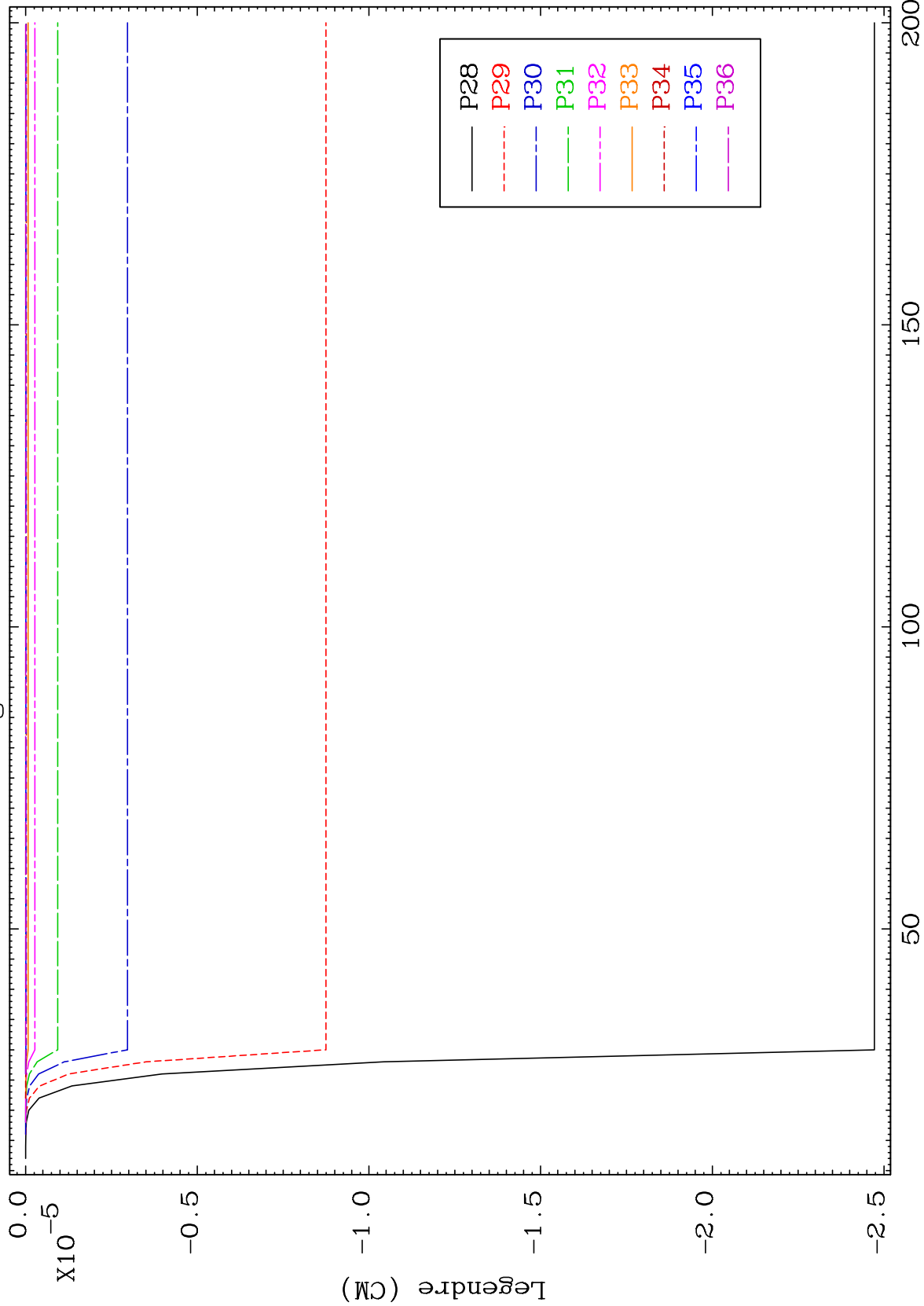
66-Dy-159

MAT 6634

MT= 70 (n,n') Level

66-Dy-159

Legendre Coefficients



66-Dy-159

Incident Energy (MeV)

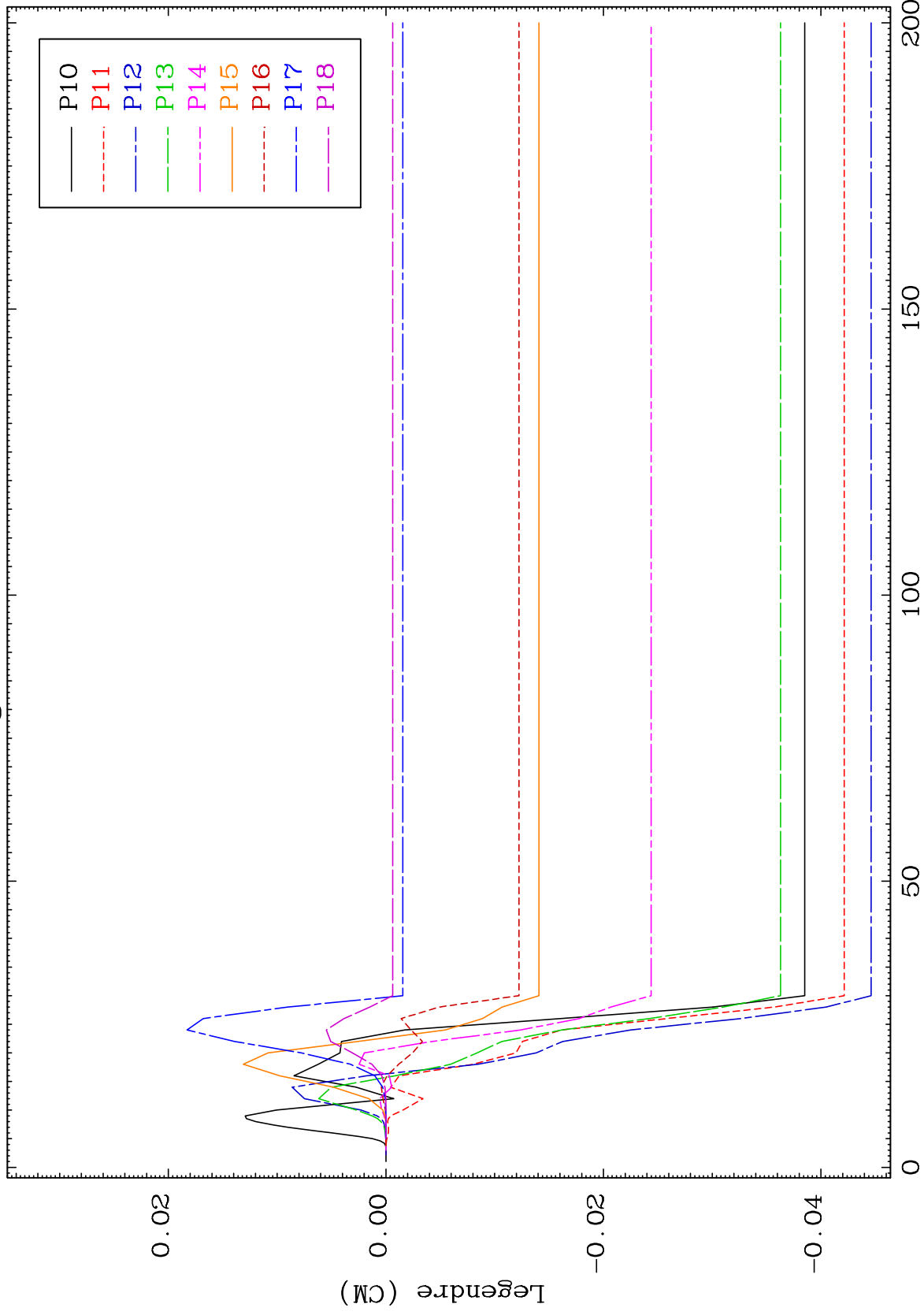
99



MAT 6634

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

66-Dy-159



101

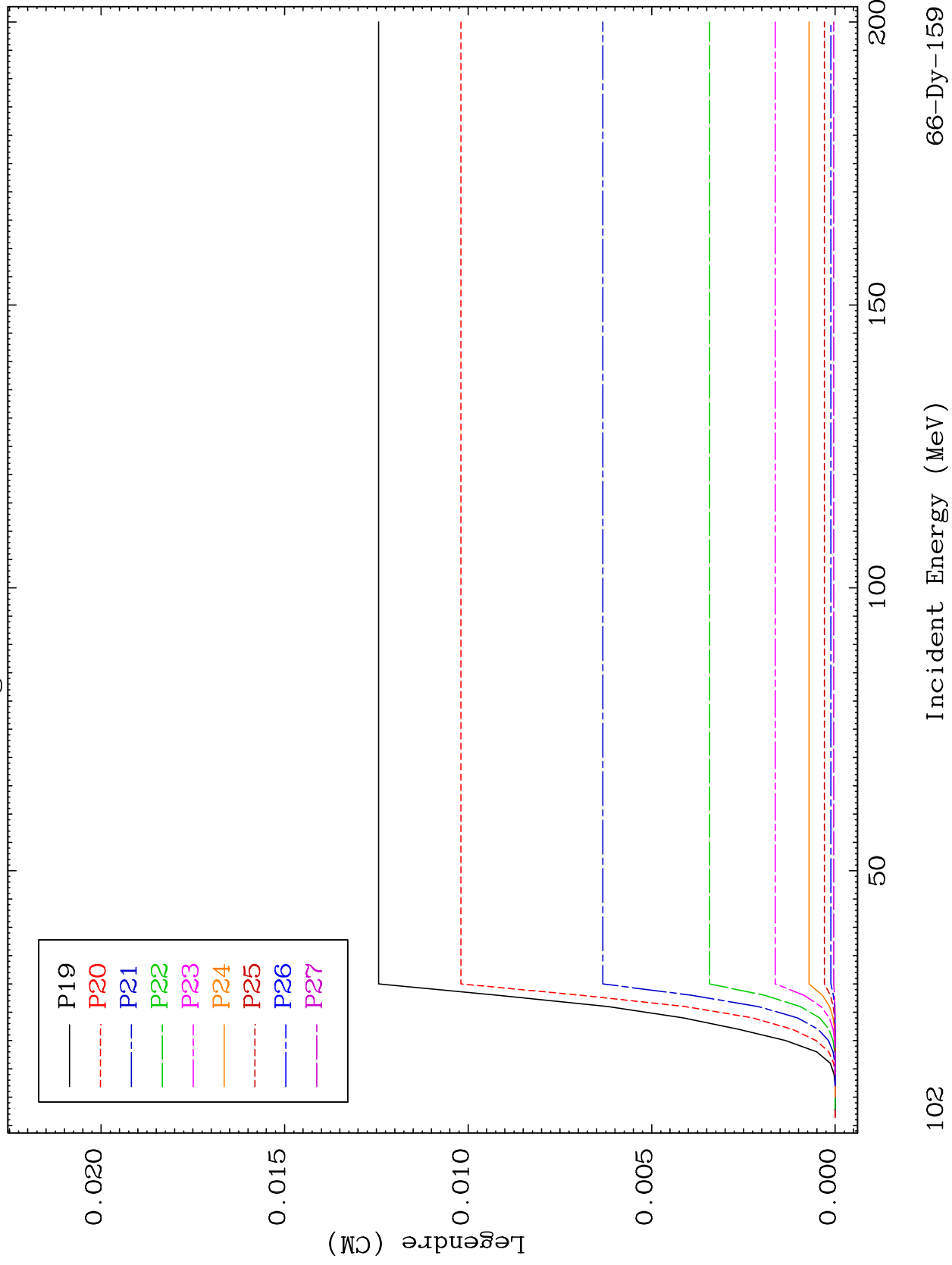
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



102

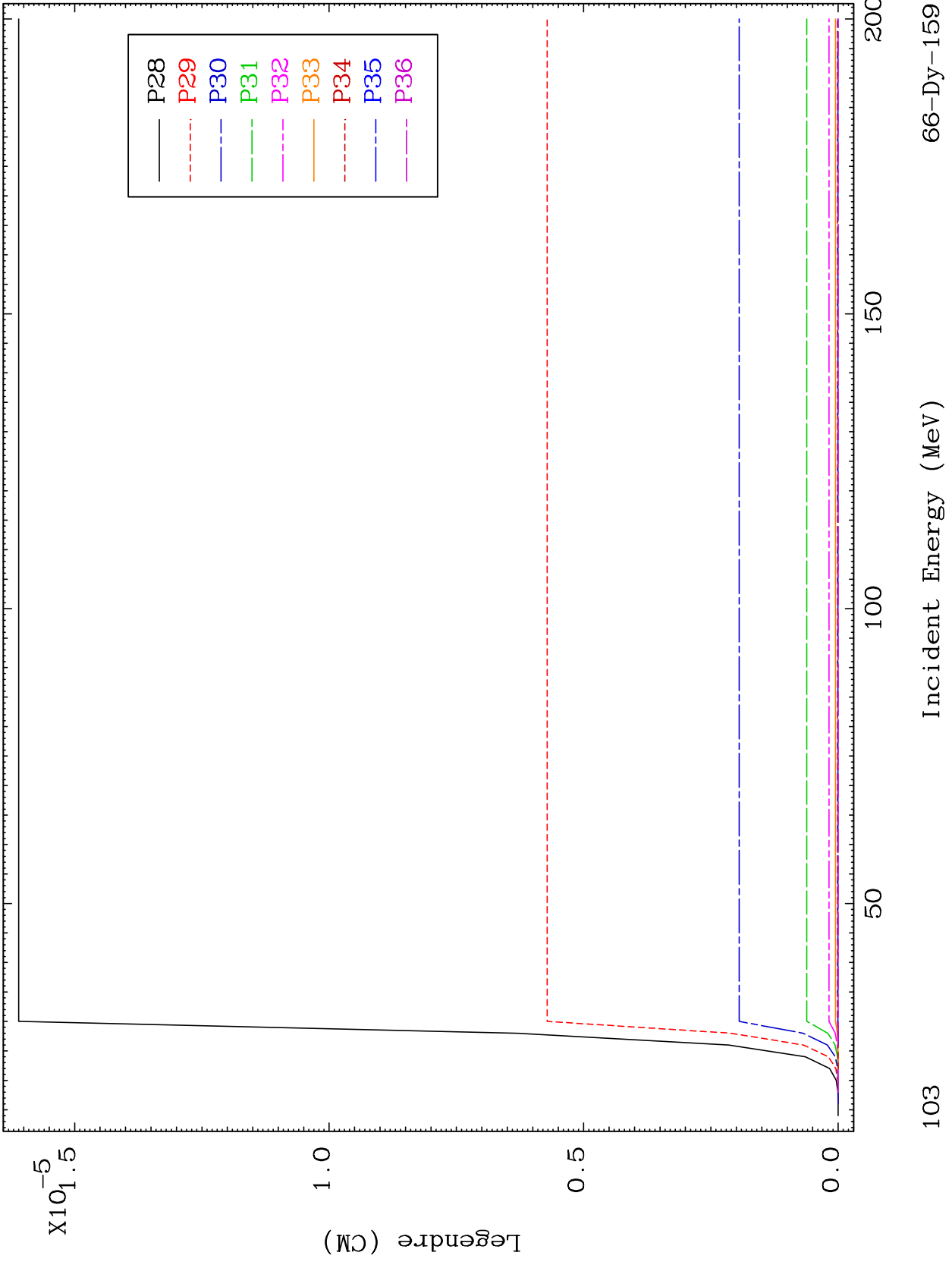
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159

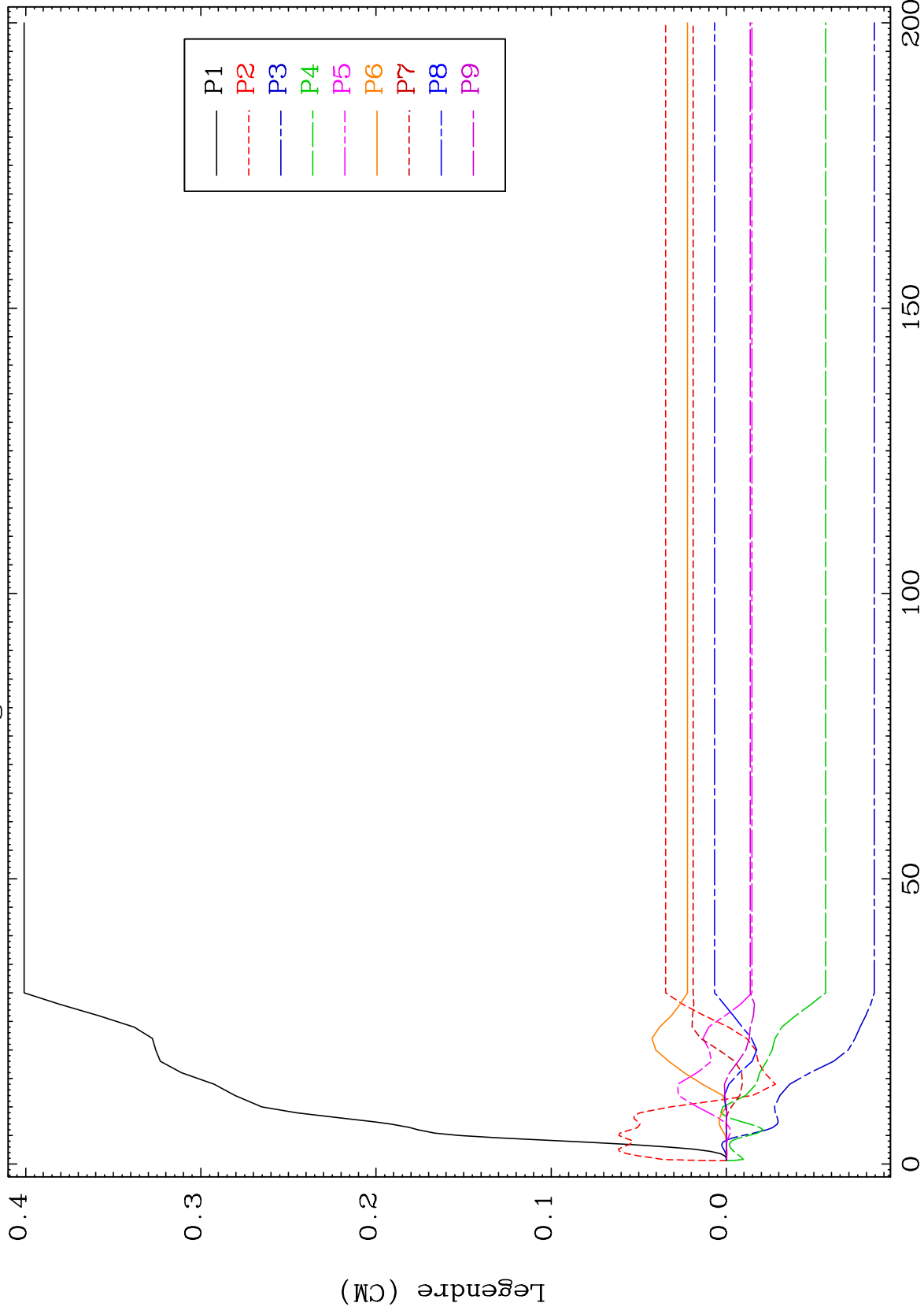




MAT 6634

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

66-Dy-159



66-Dy-159

Incident Energy (MeV)

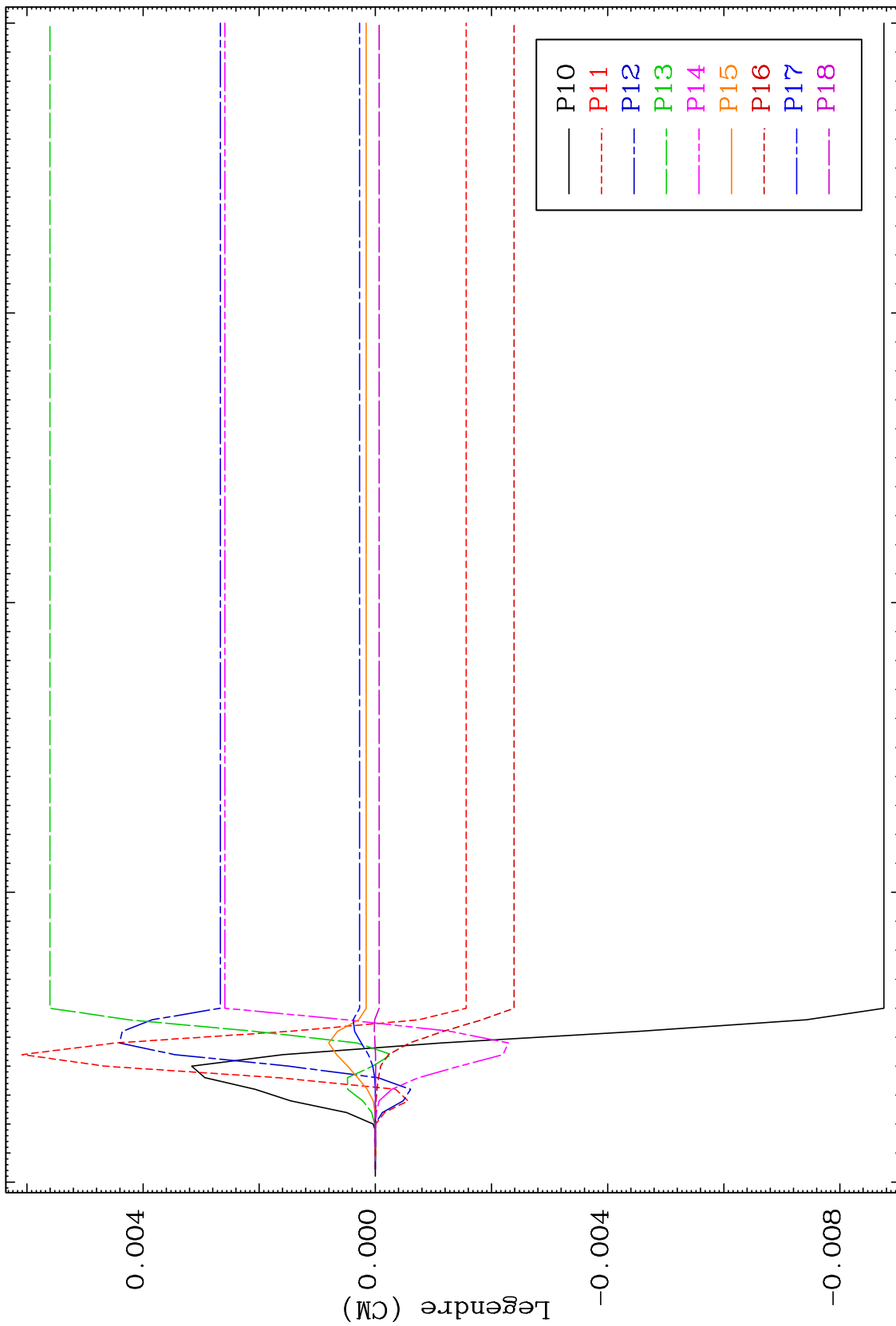
104

MAT 6634

MT= 72 (n,n') Level

66-Dy-159

Legendre Coefficients



0

50

100

150

200

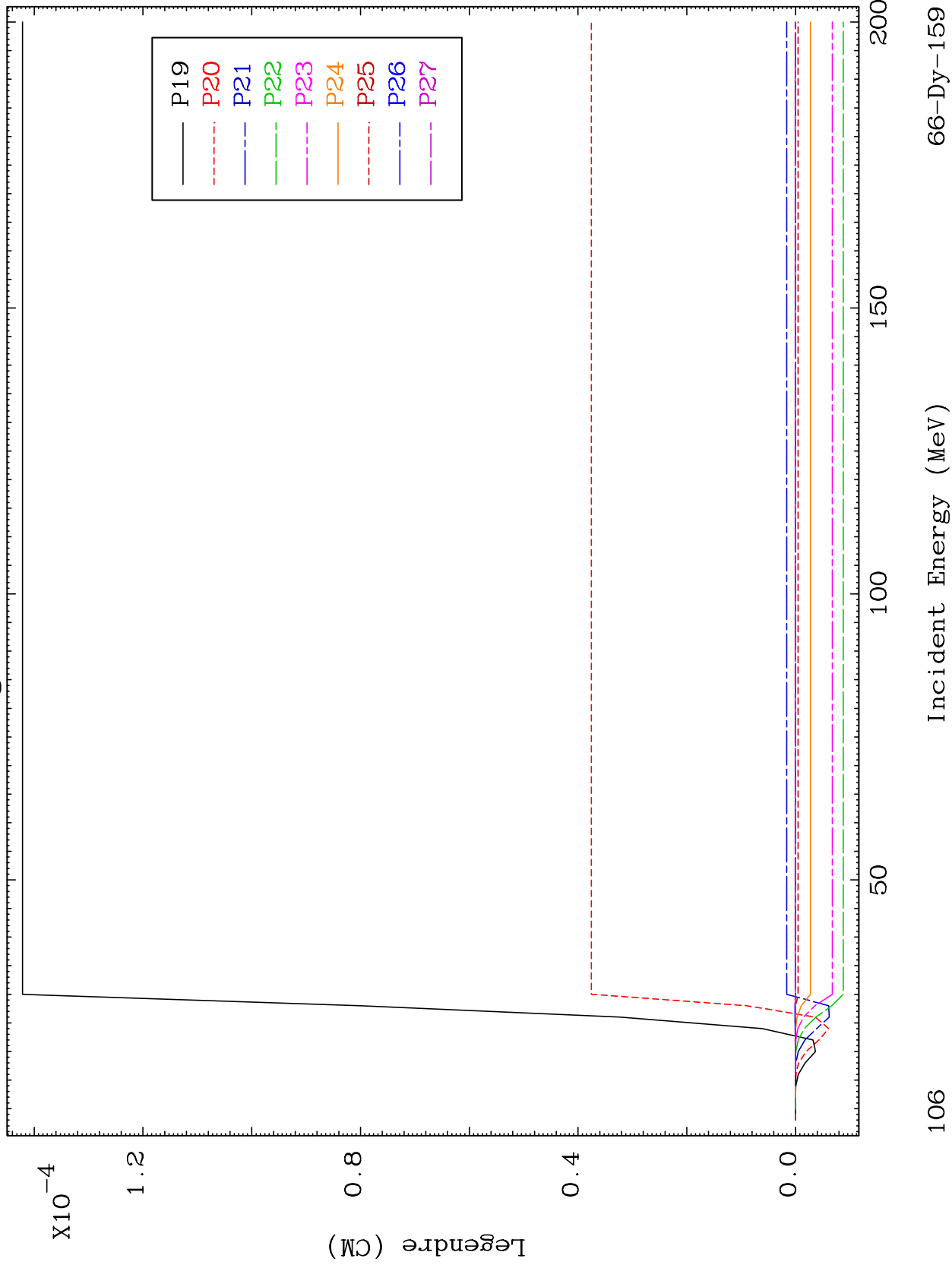
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159

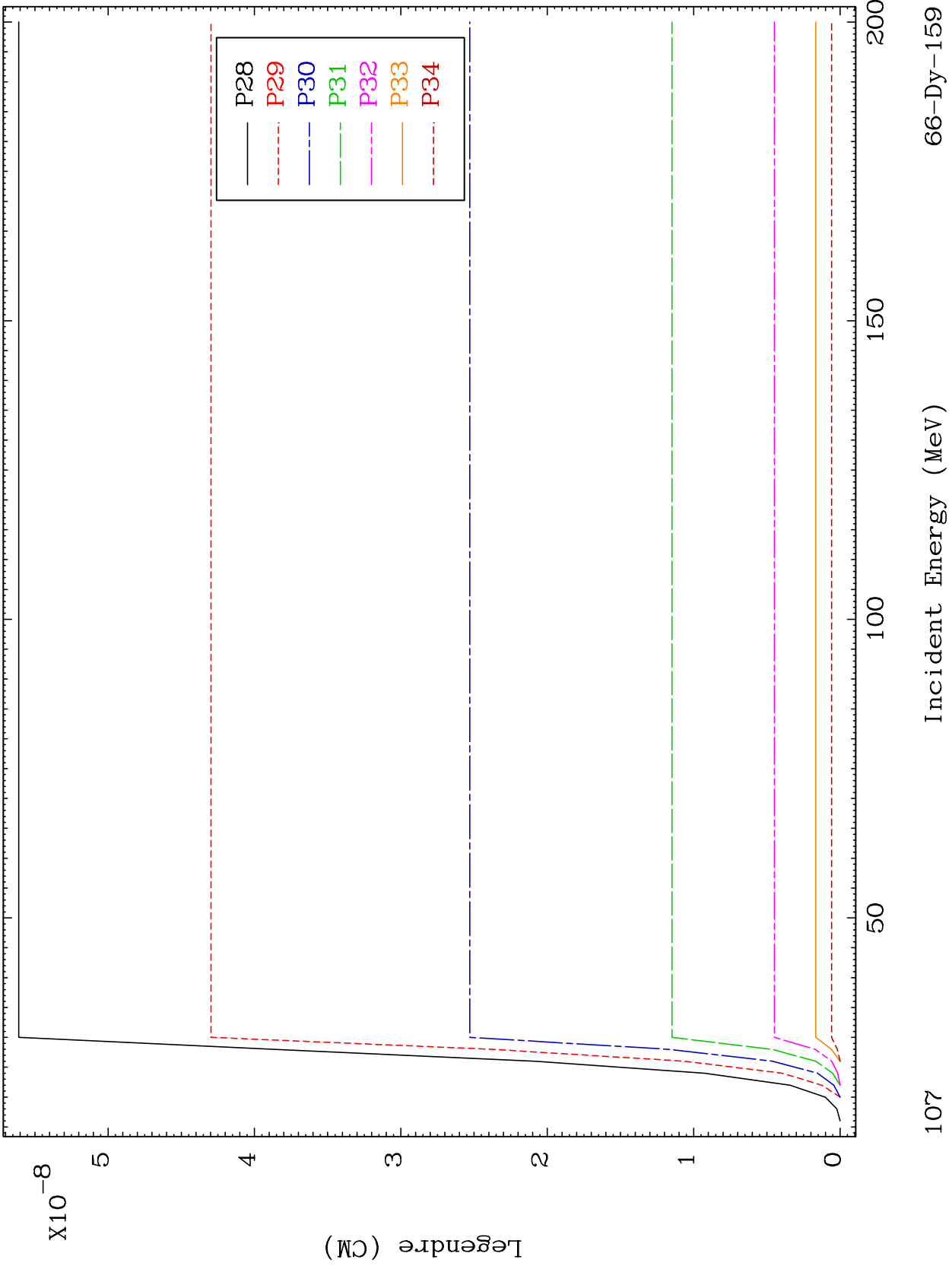


106

MAT 6634

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

66-Dy-159



107

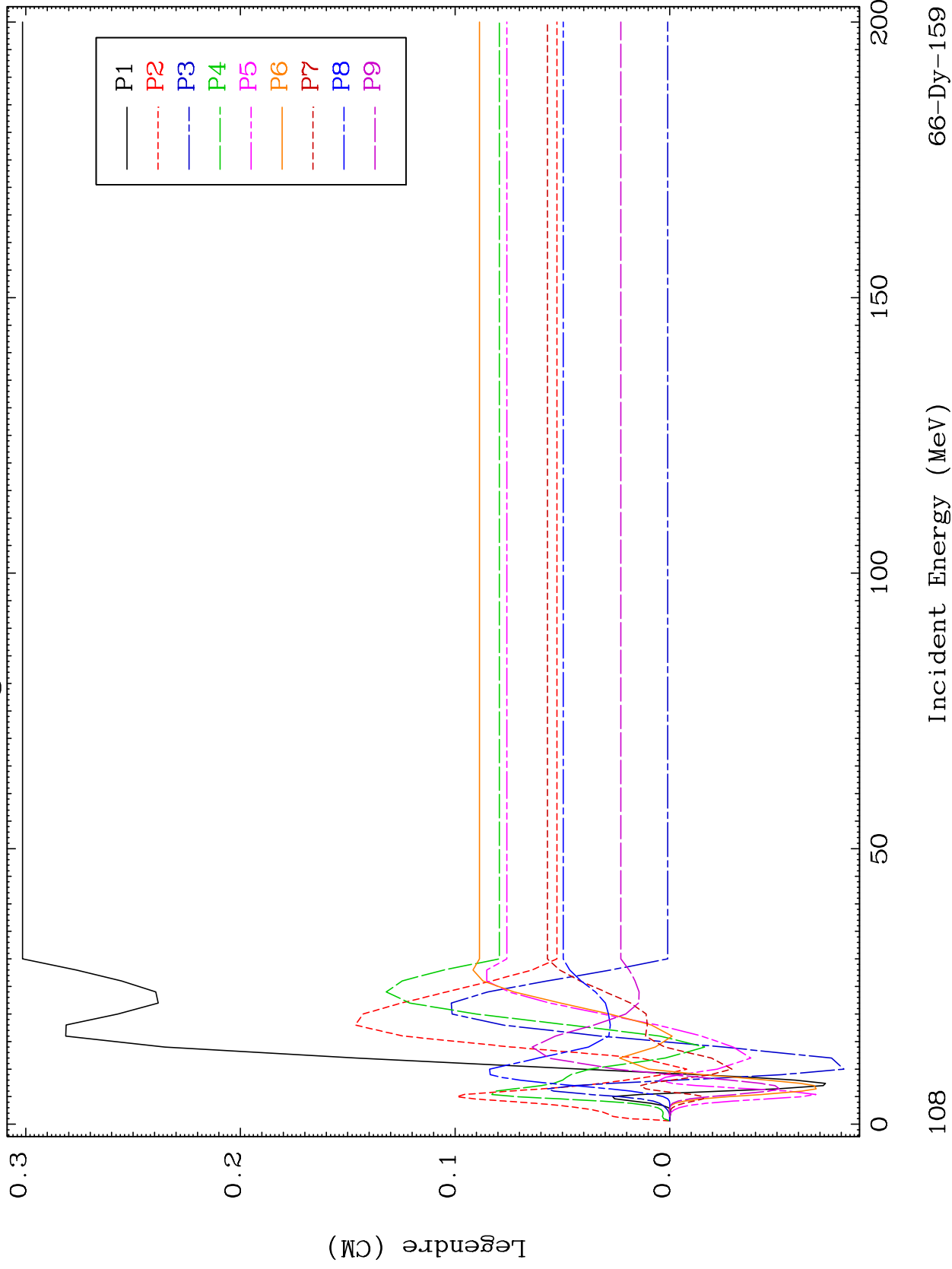
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



66-Dy-159

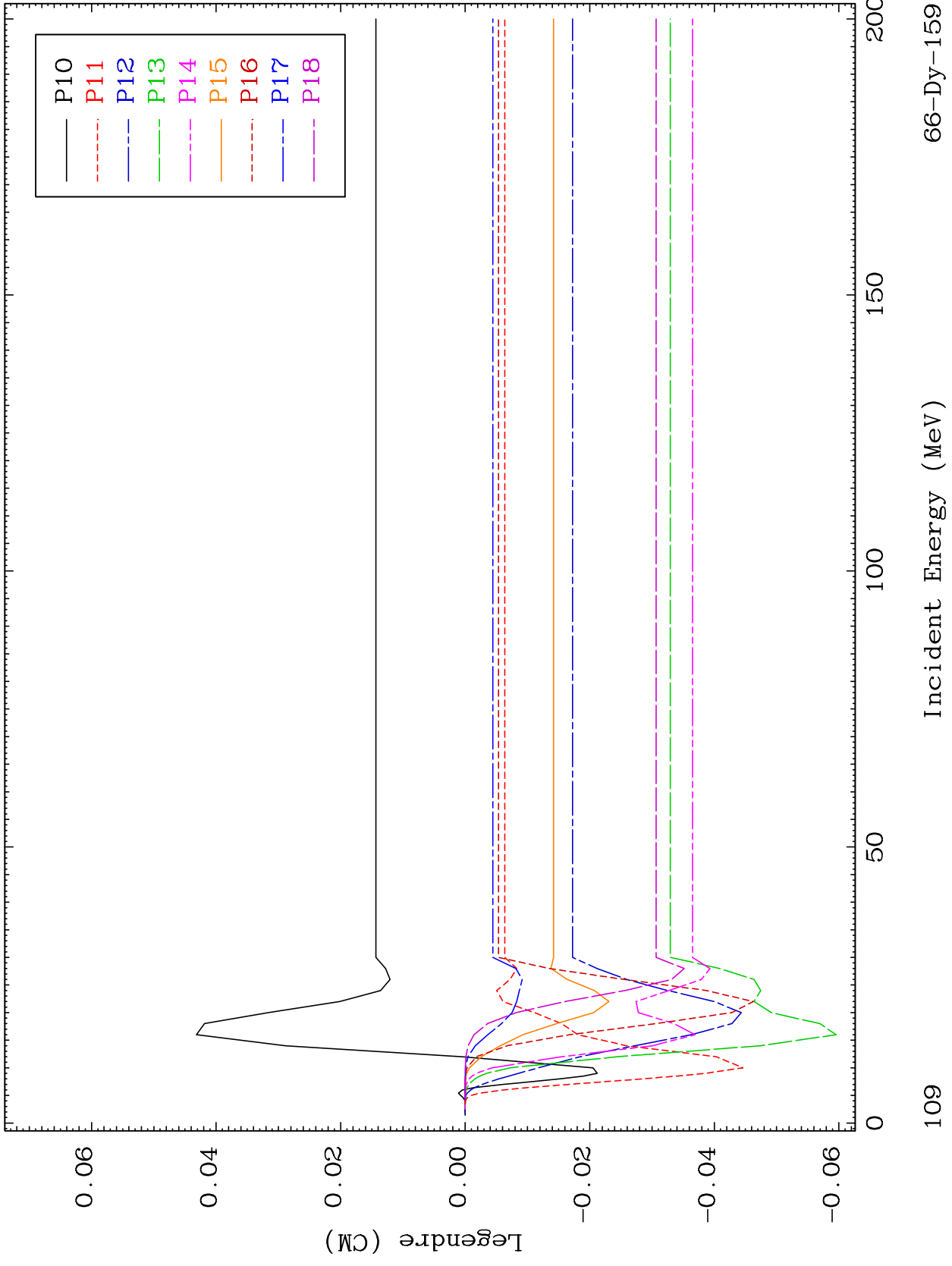
Incident Energy (MeV)

108

MAT 6634

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

66-Dy-159



109

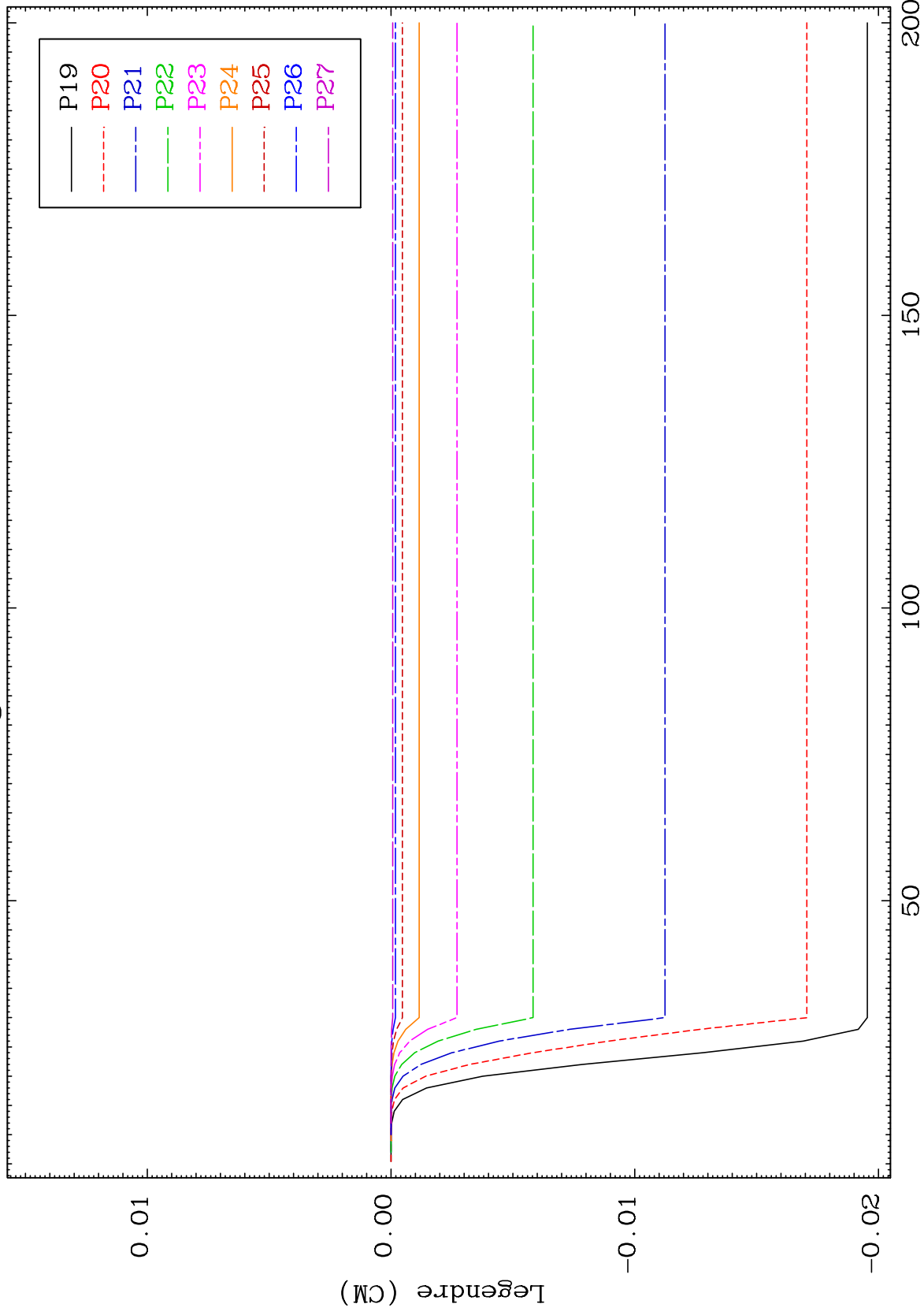
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

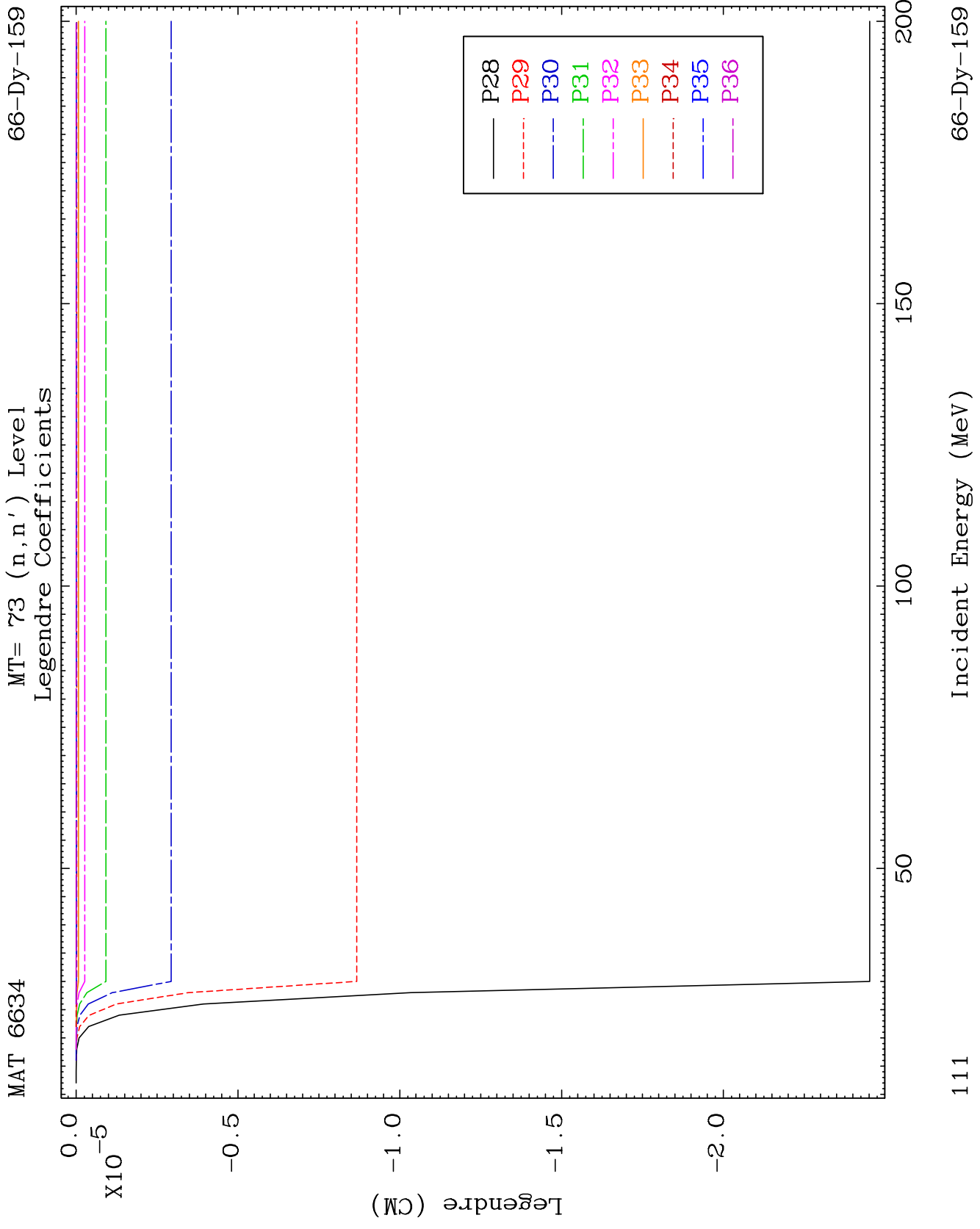
66-Dy-159



110

Incident Energy (MeV)

66-Dy-159

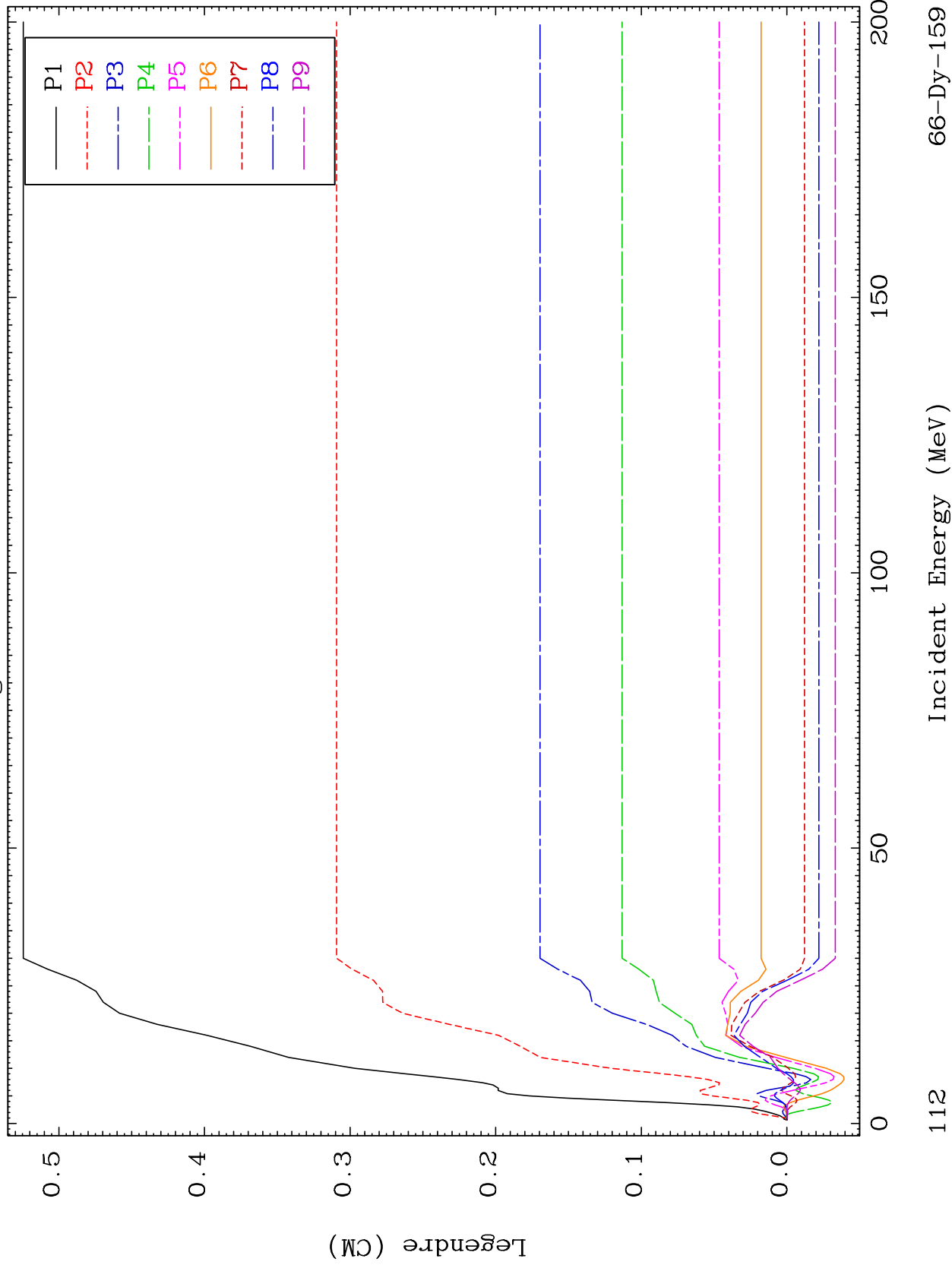




MAT 6634

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

66-Dy-159



66-Dy-159

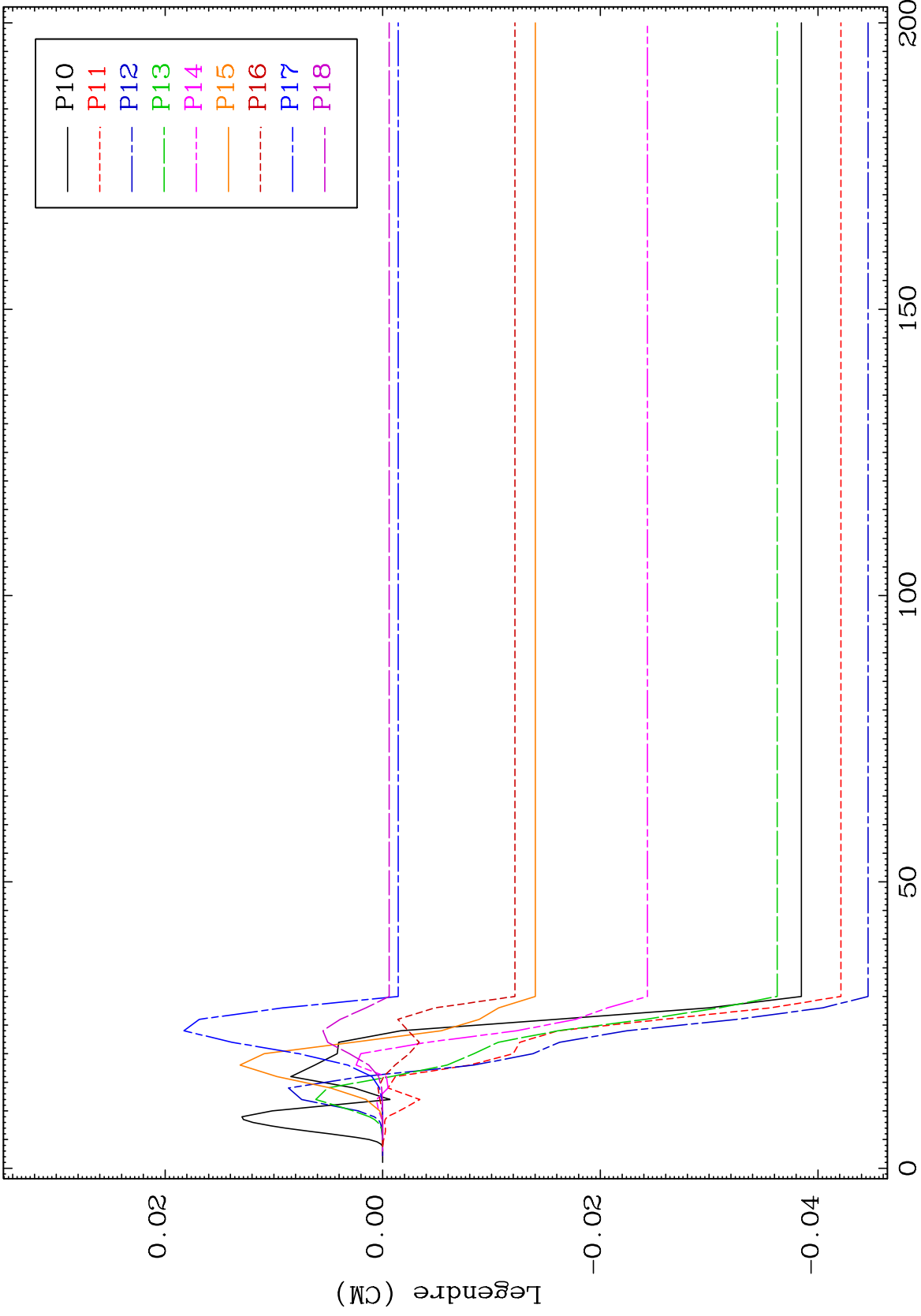
Incident Energy (MeV)

112

MAT 6634

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

66-Dy-159



113

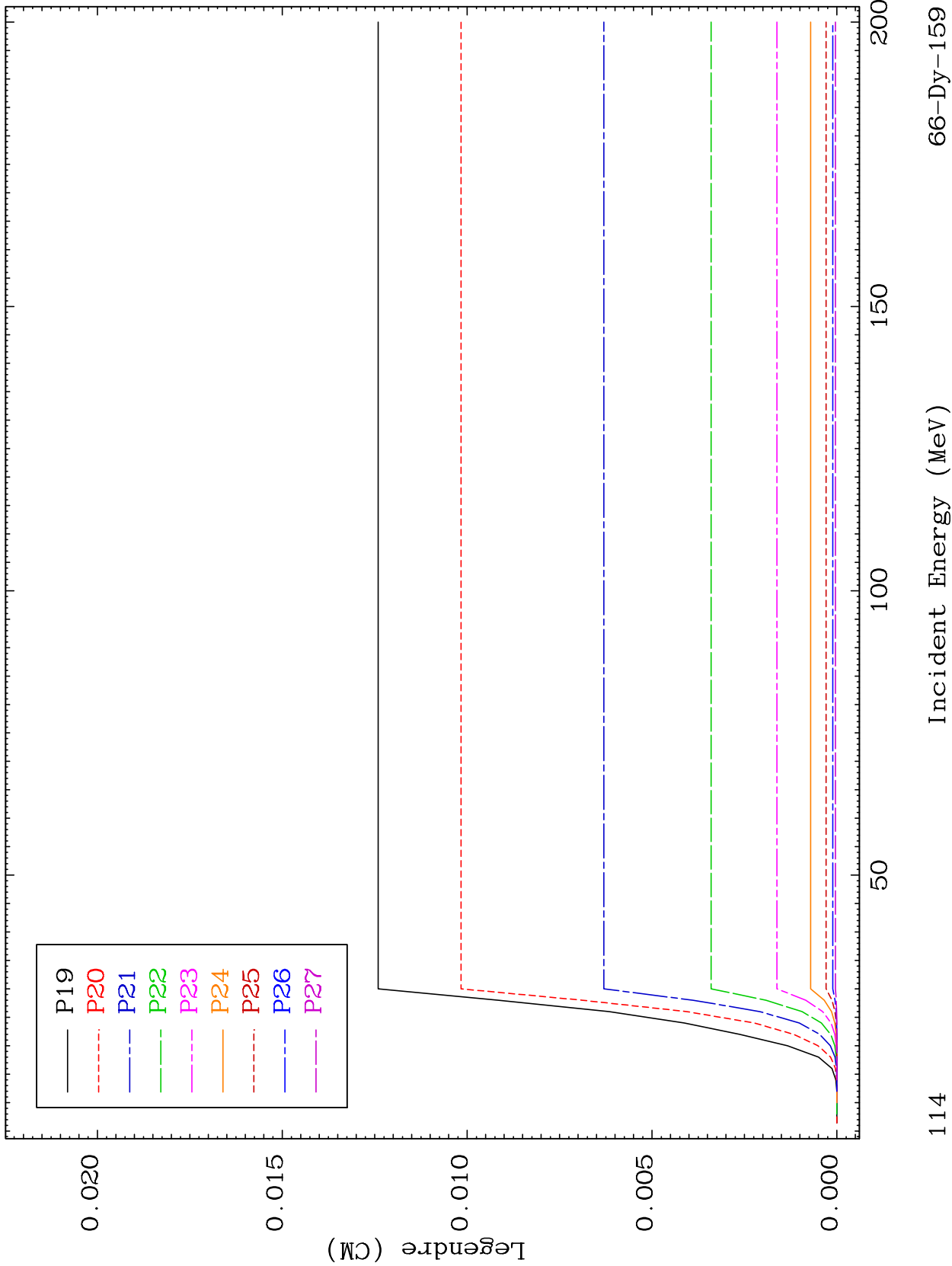
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



114

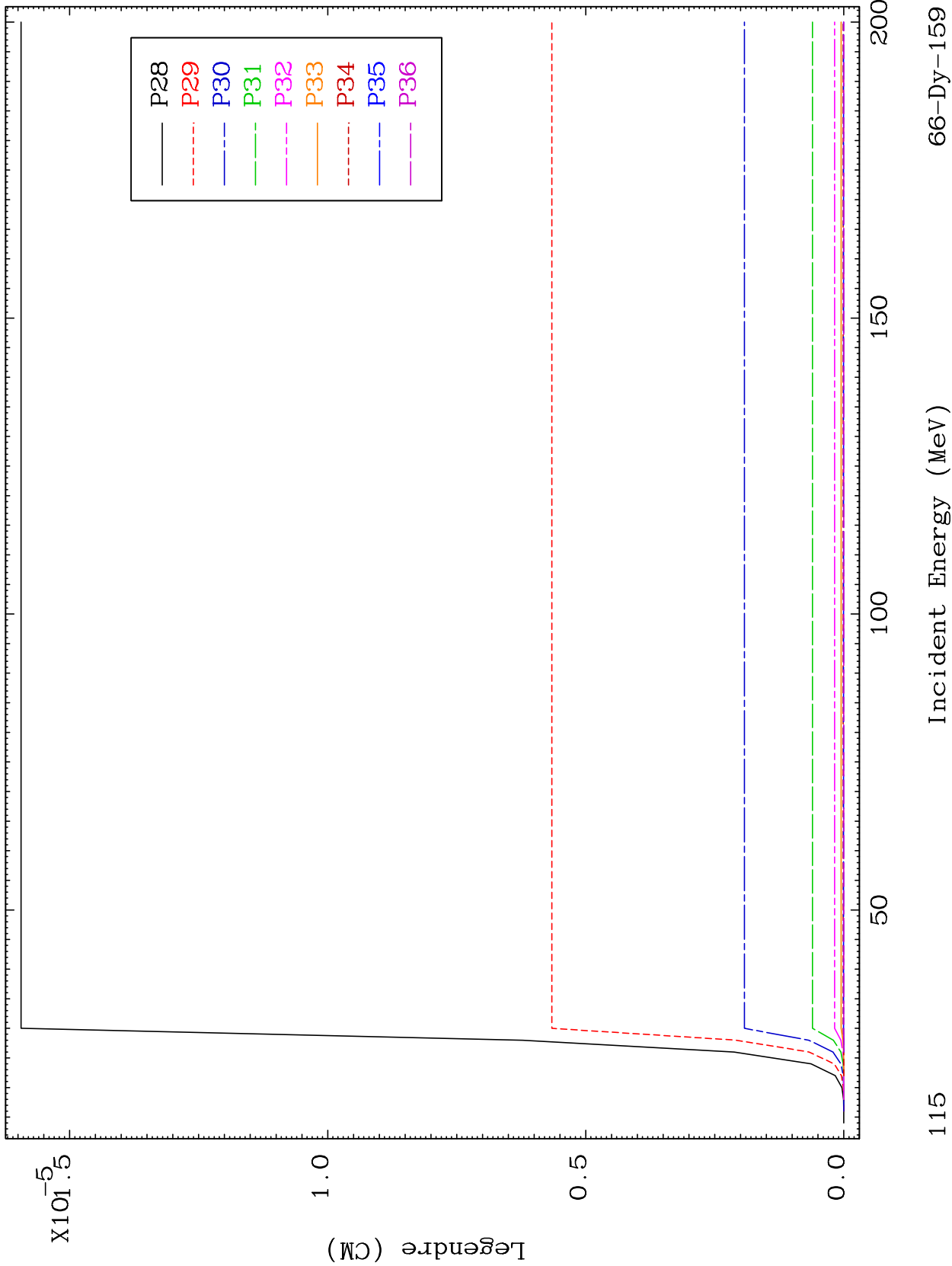
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

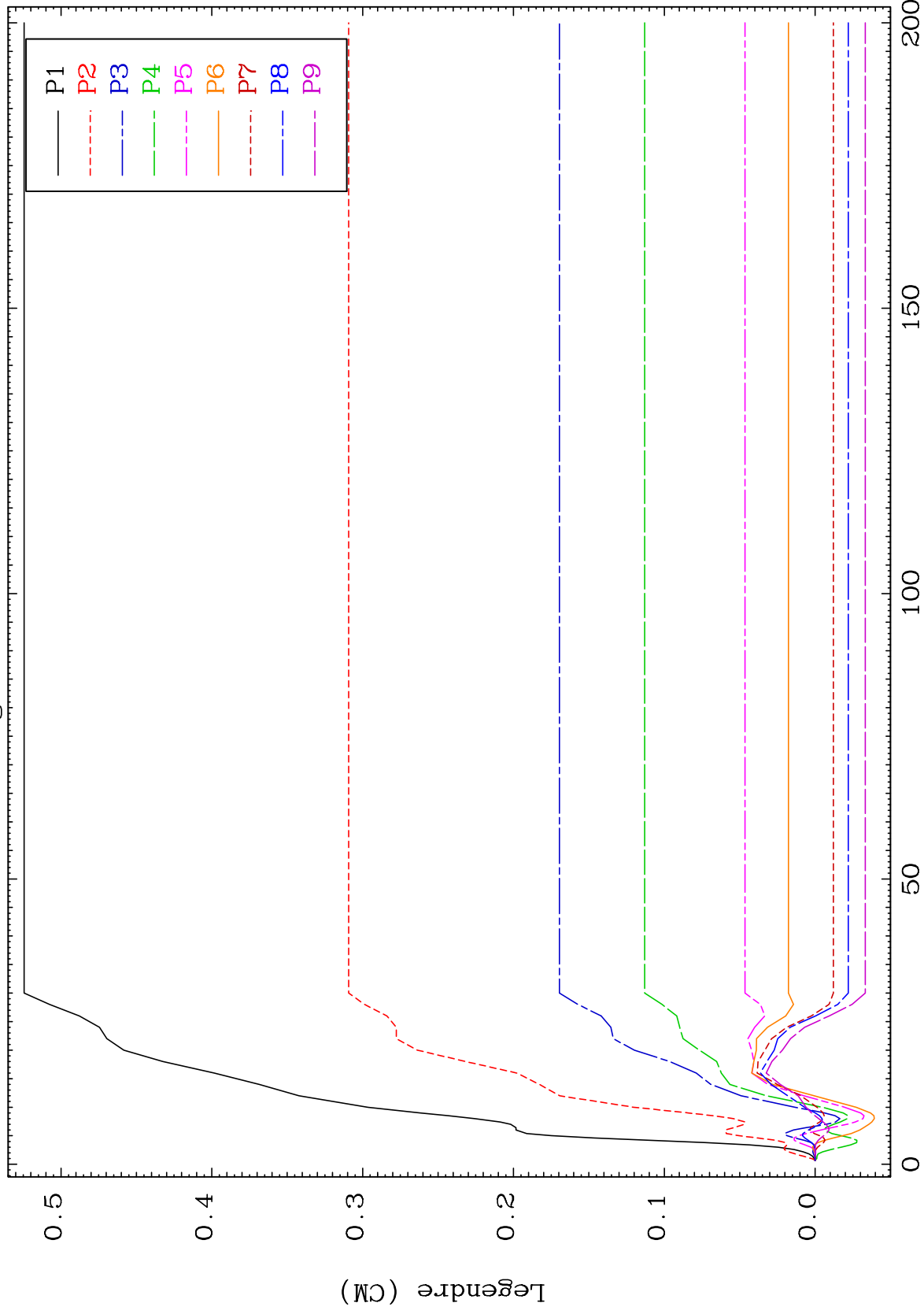
66-Dy-159



MAT 6634

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

66-Dy-159



66-Dy-159

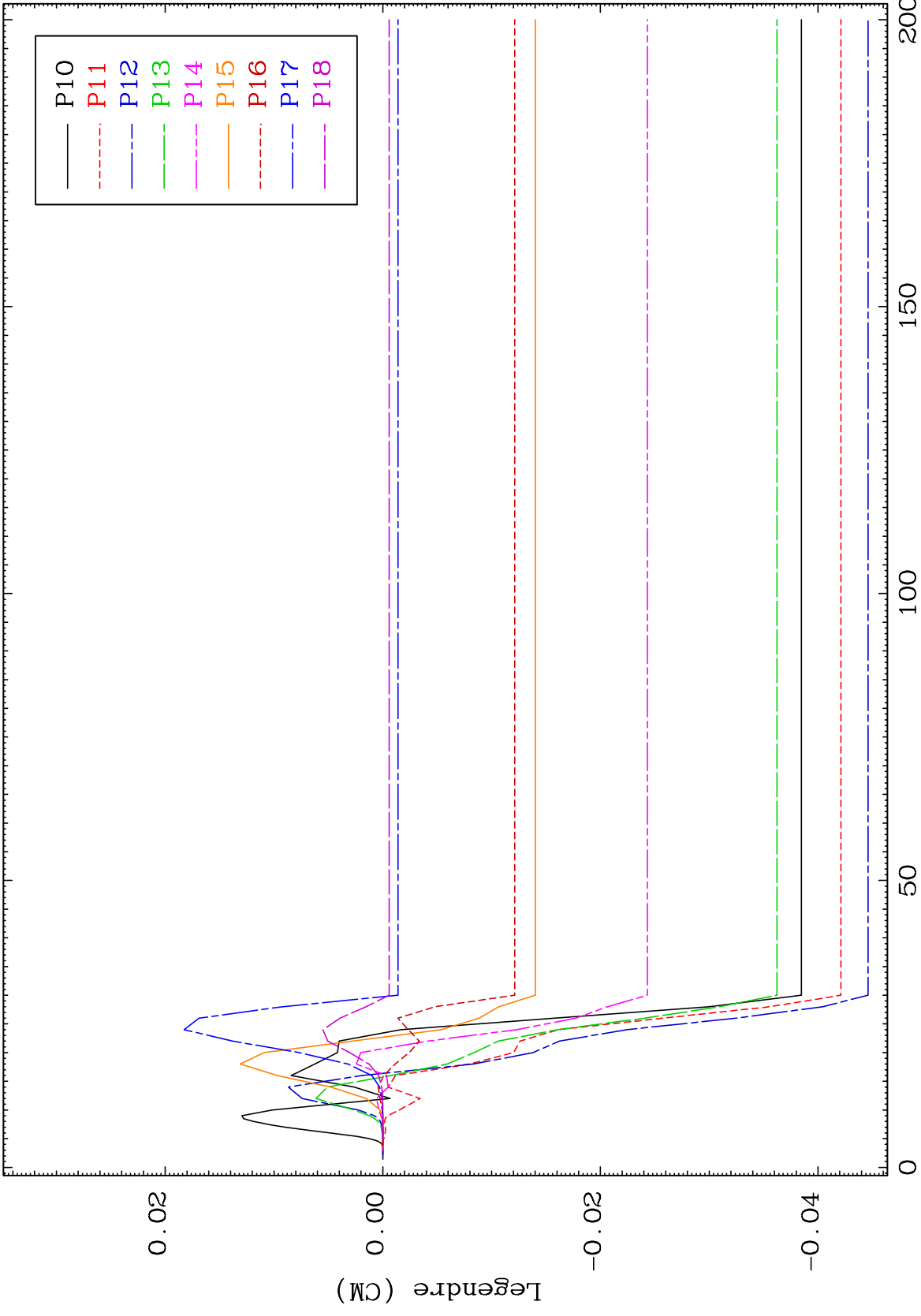
Incident Energy (MeV)

116

MAT 6634

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

66-Dy-159



117

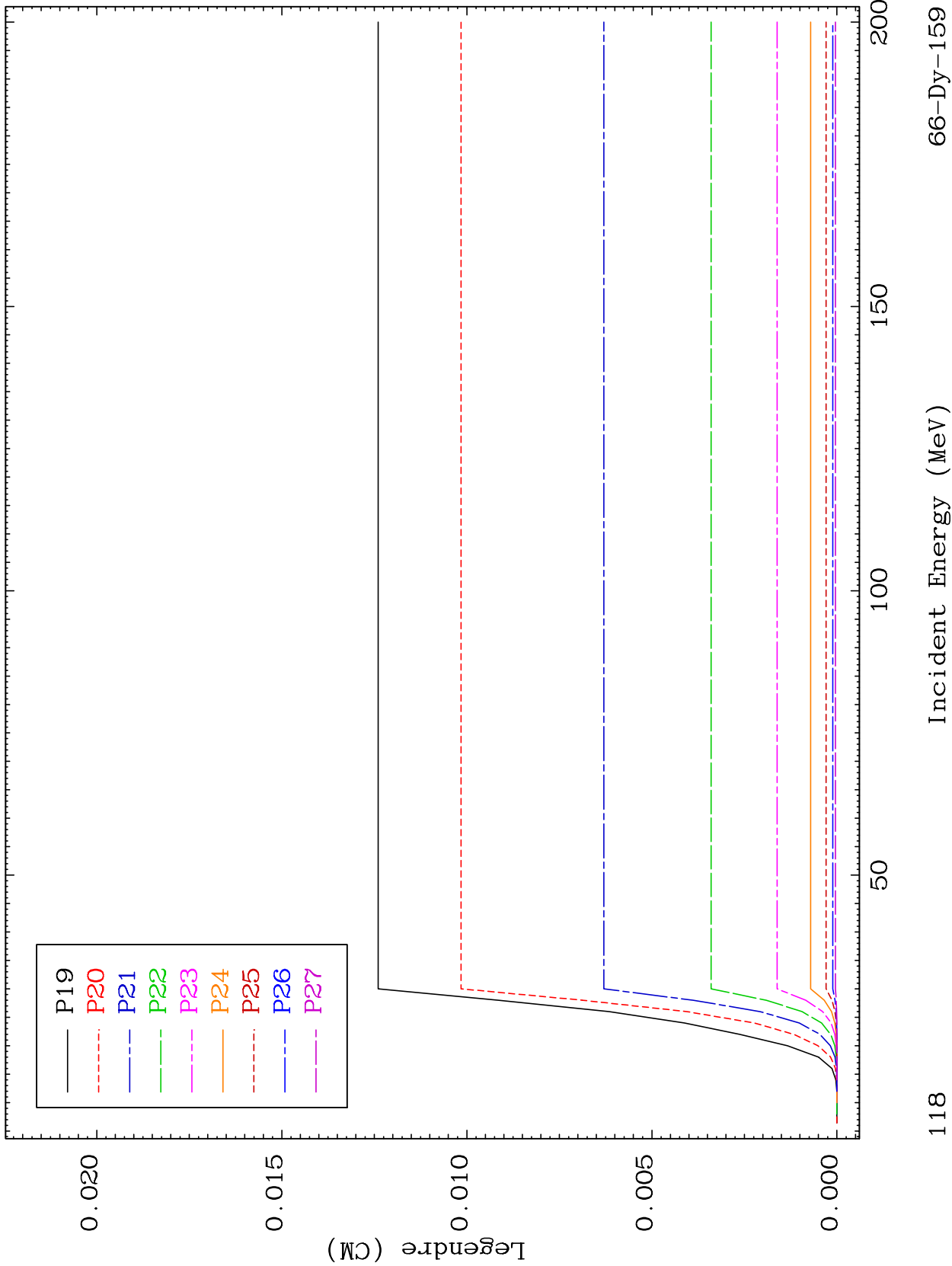
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159

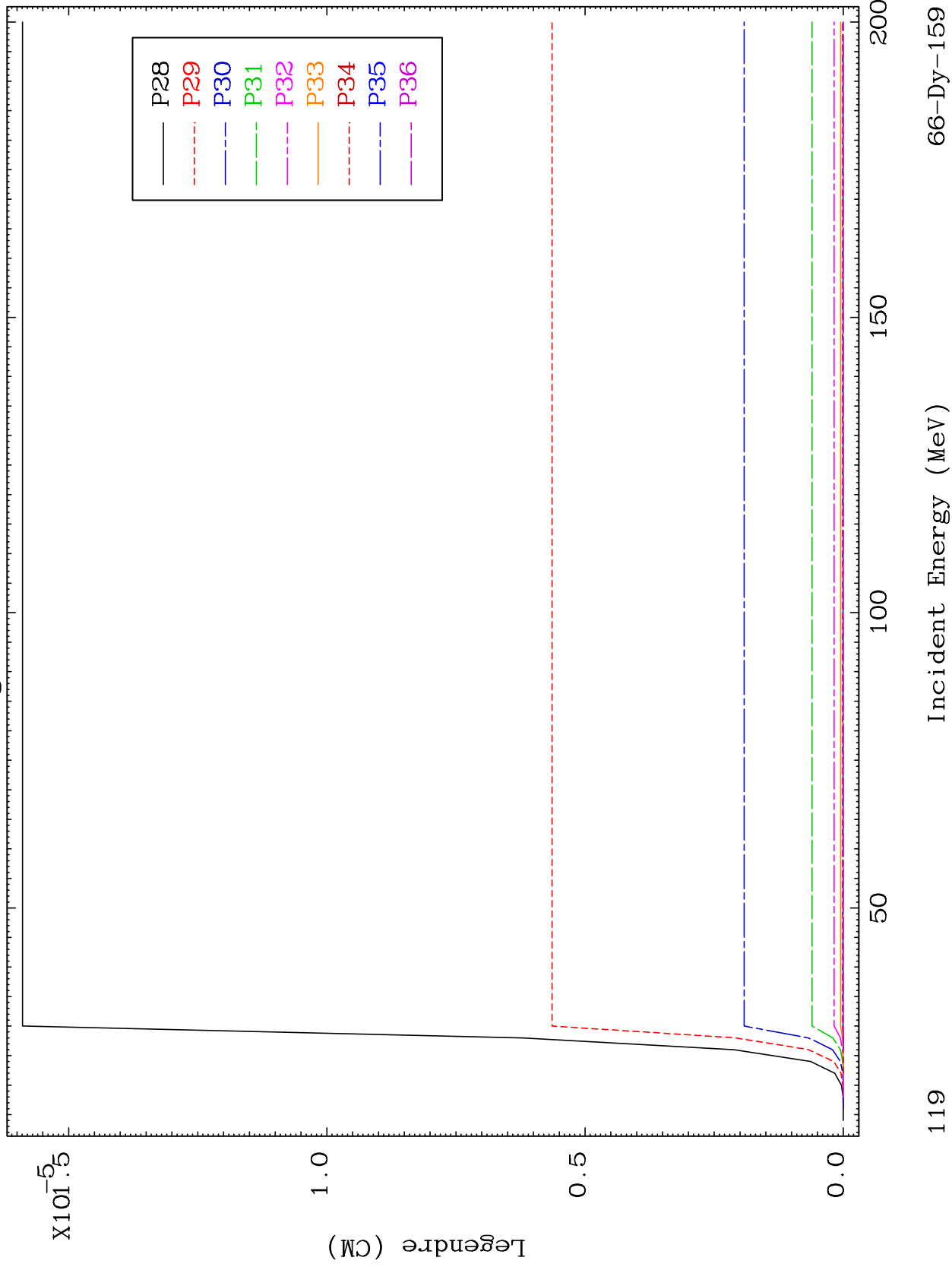


118

MAT 6634

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

66-Dy-159



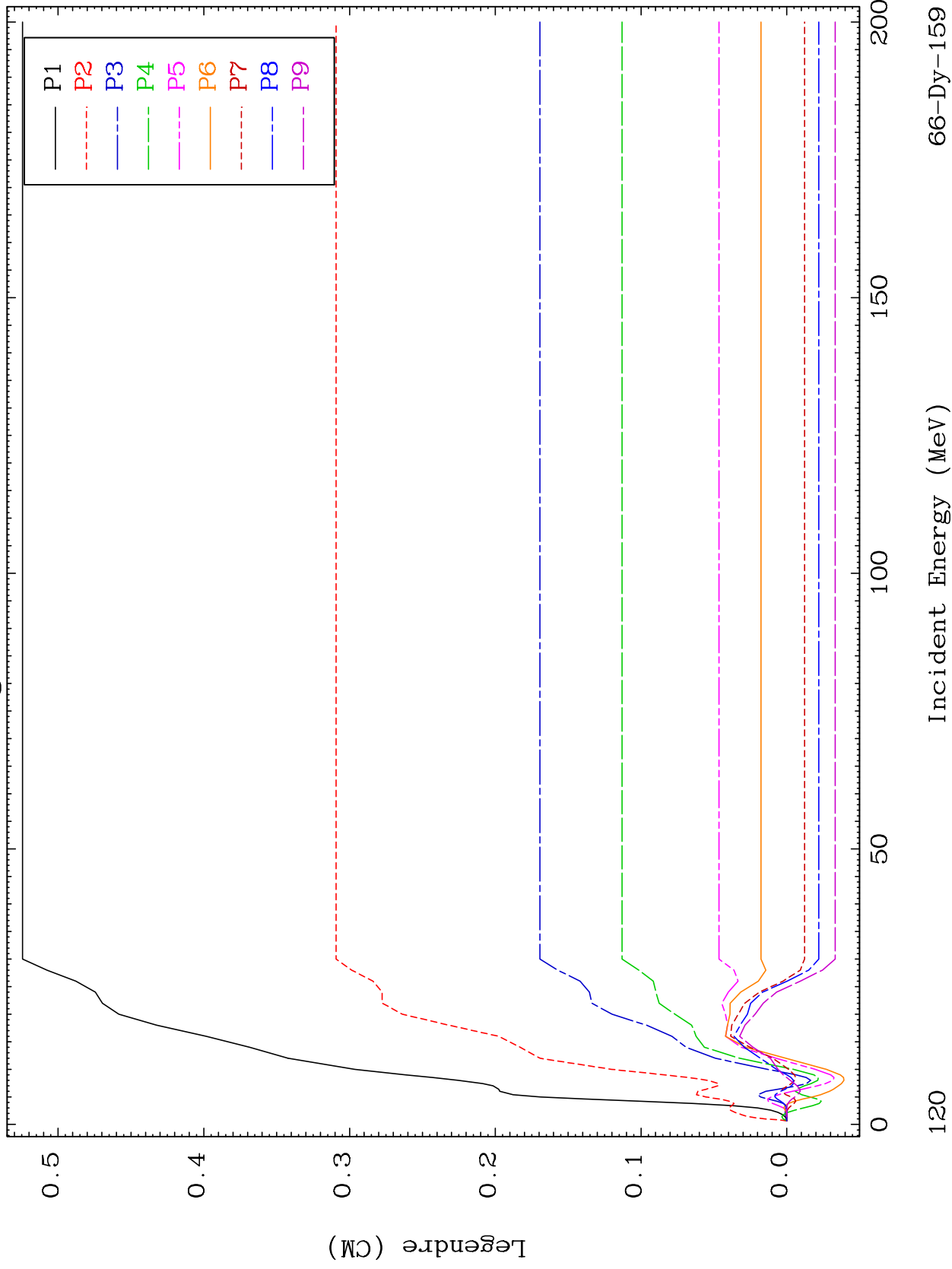


MAT 6634

MT= 76 (n,n') Level

66-Dy-159

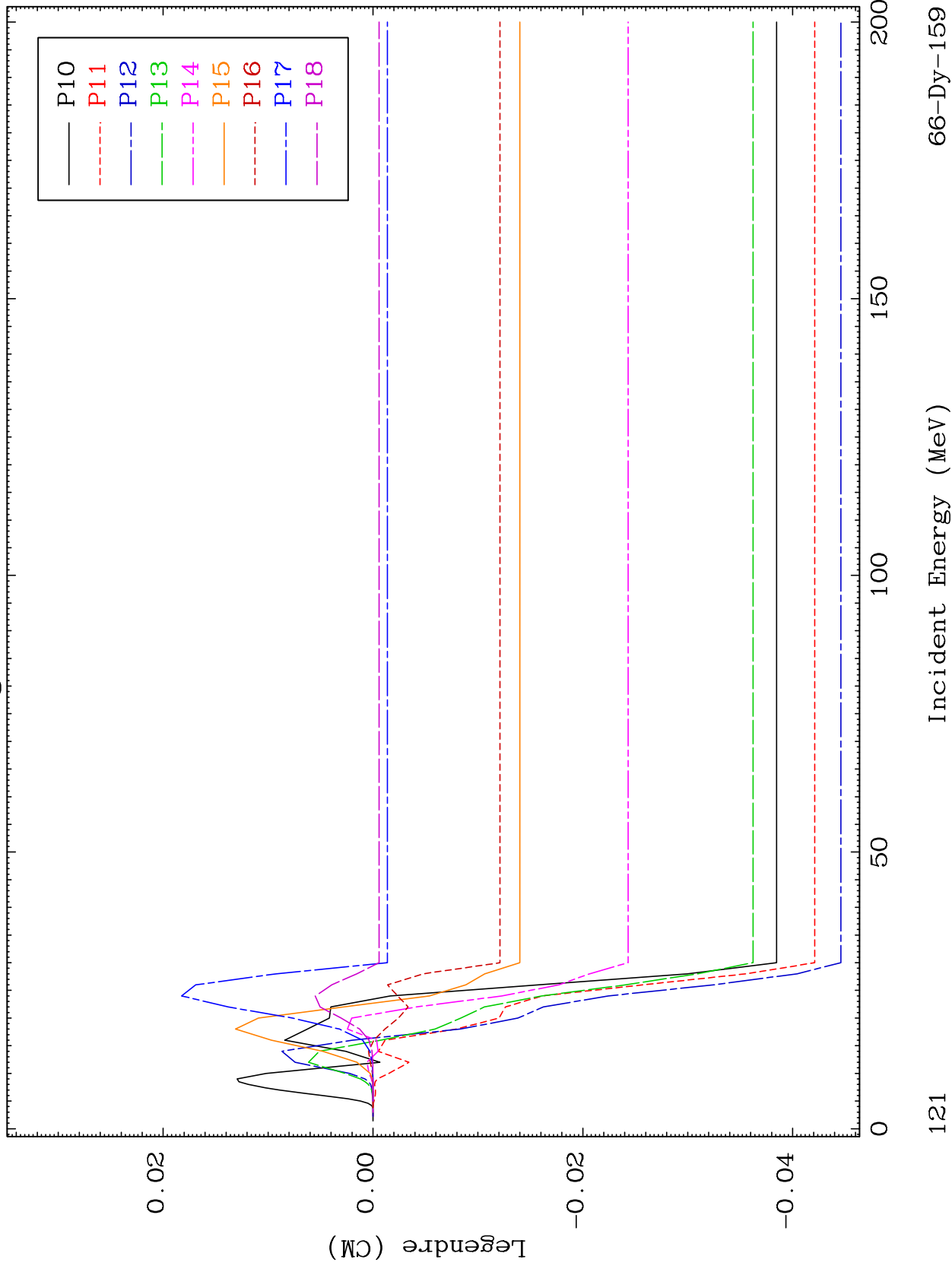
Legendre Coefficients



MAT 6634

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

66-Dy-159



121

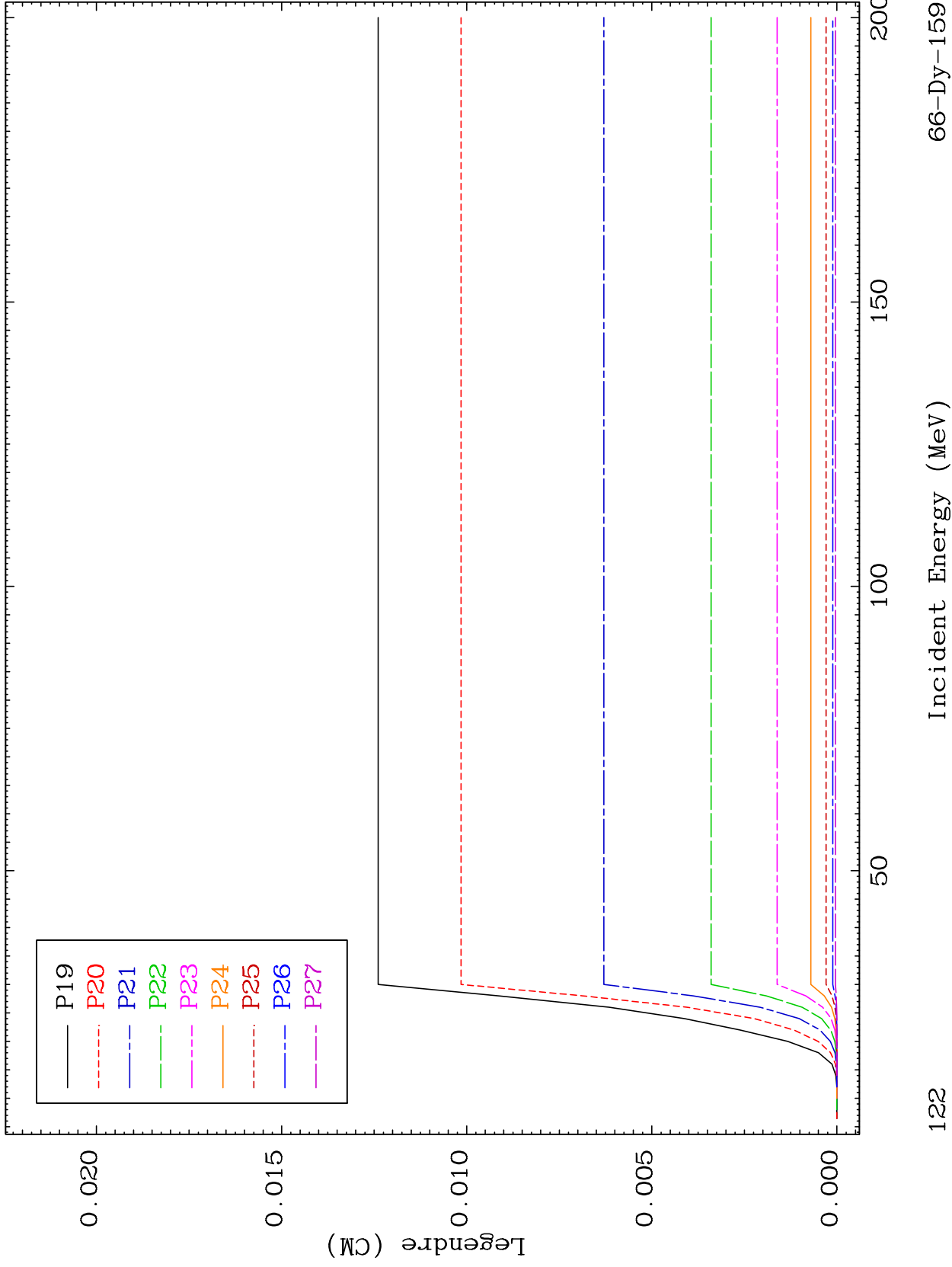
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



122

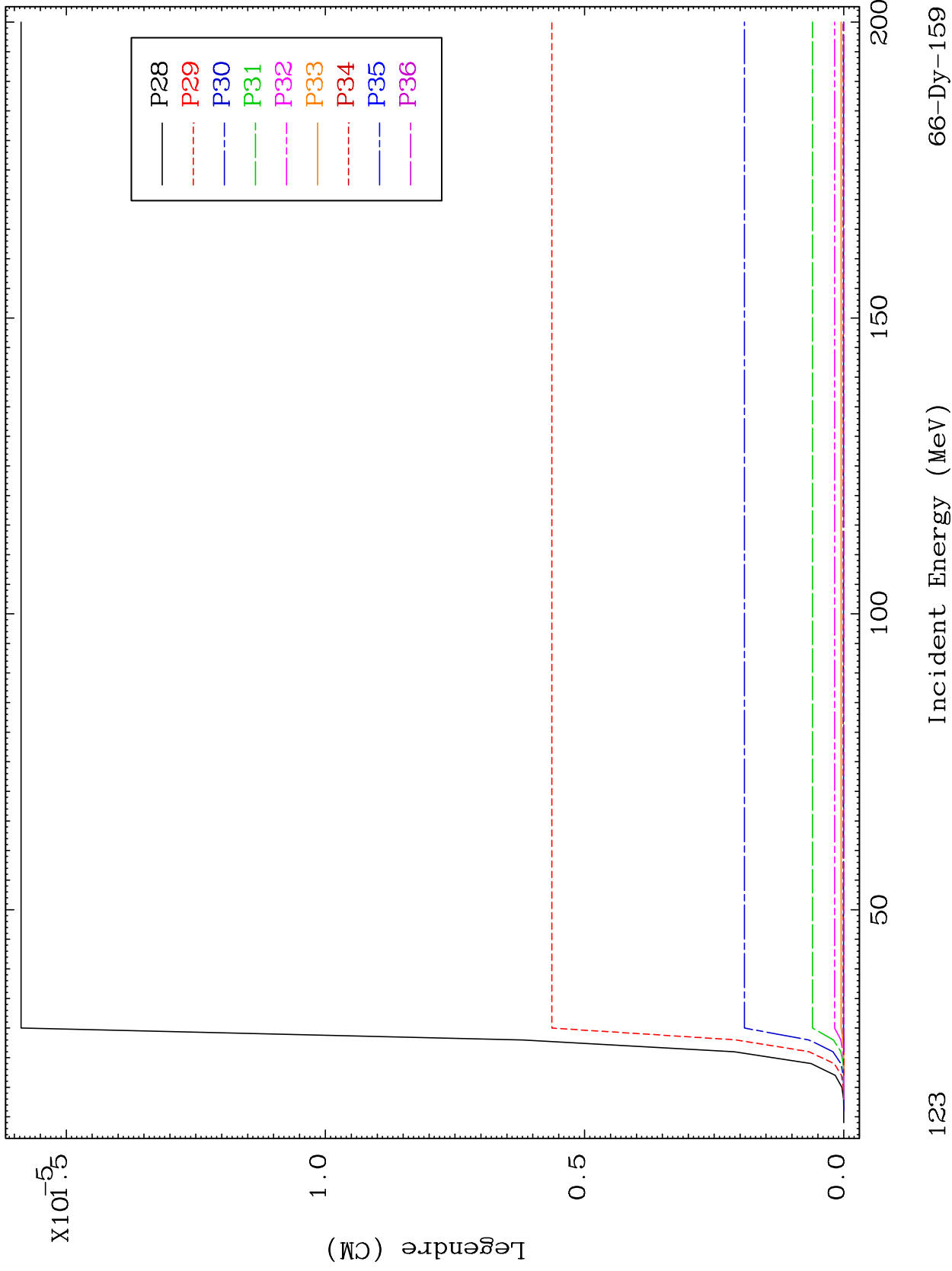
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159

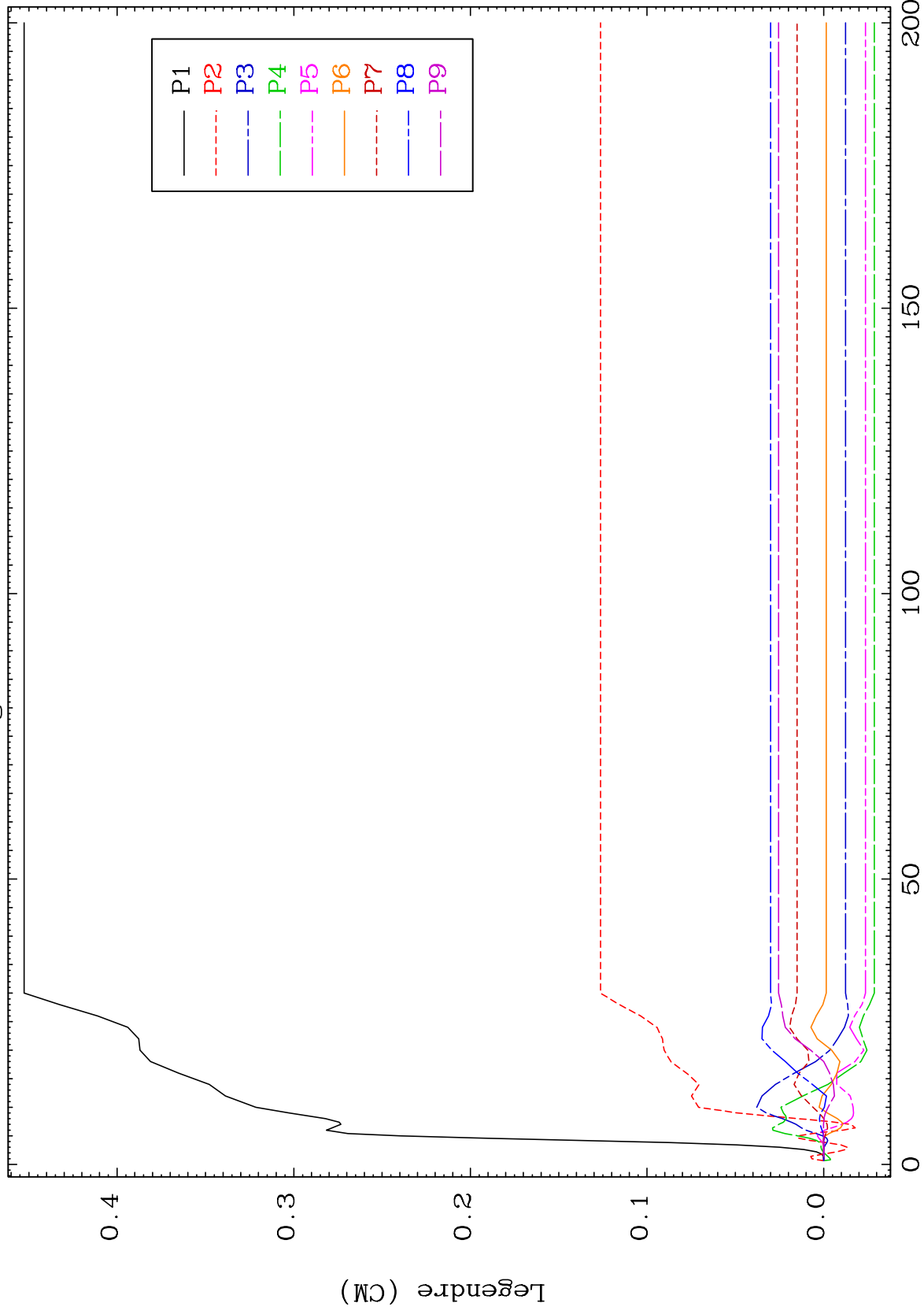


123

MAT 6634

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

66-Dy-159



124

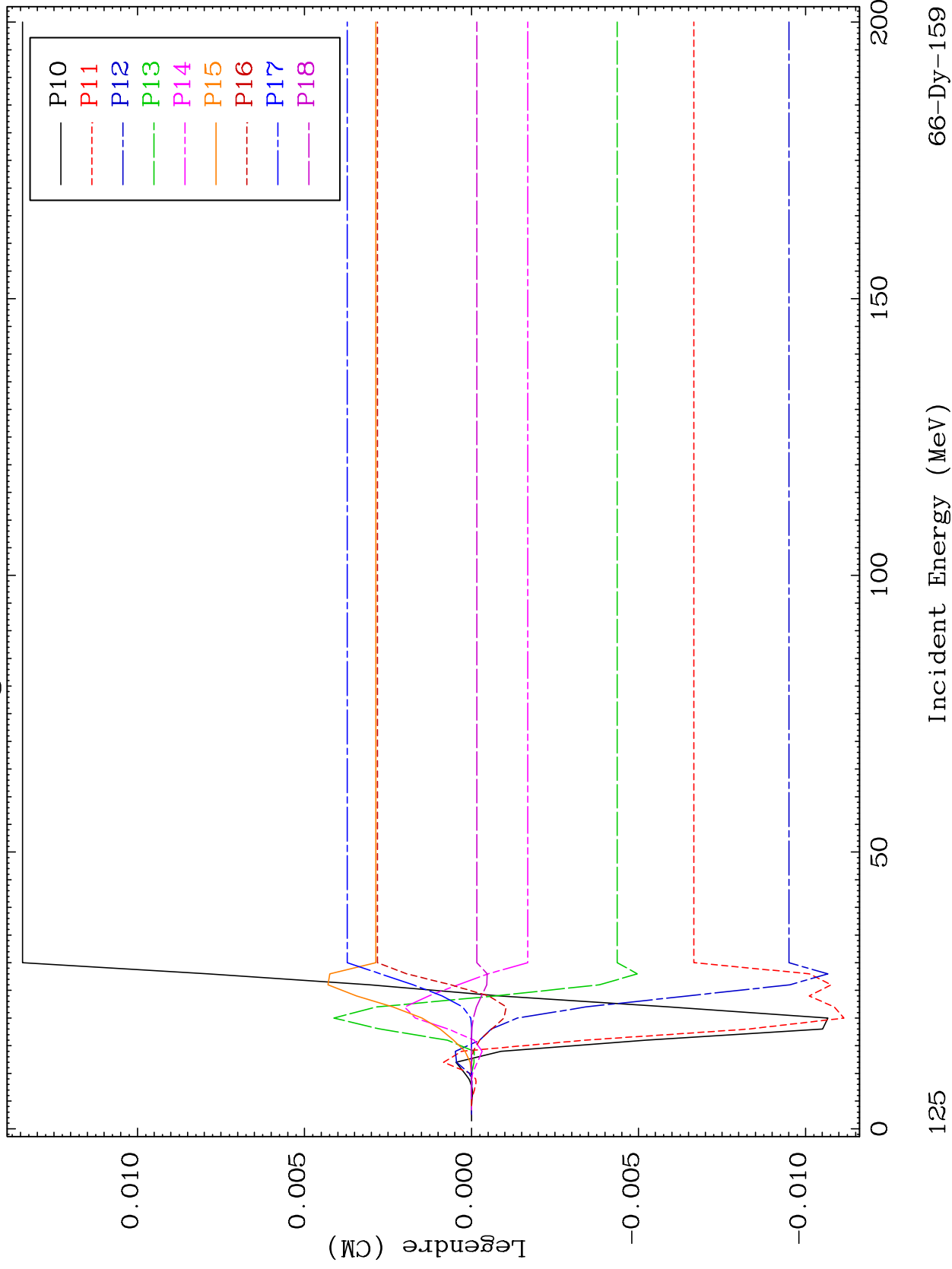
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

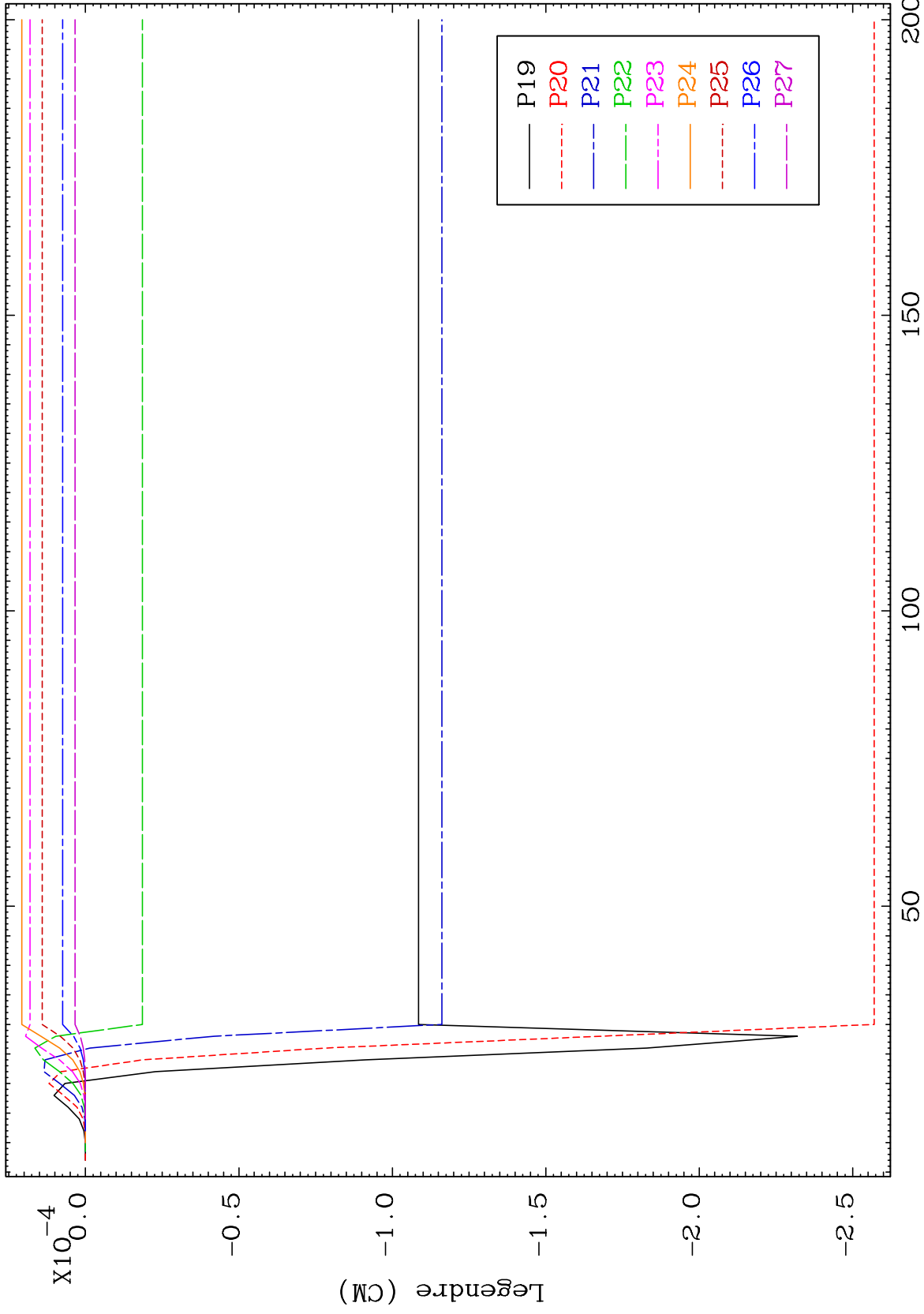
66-Dy-159



MAT 6634

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

66-Dy-159



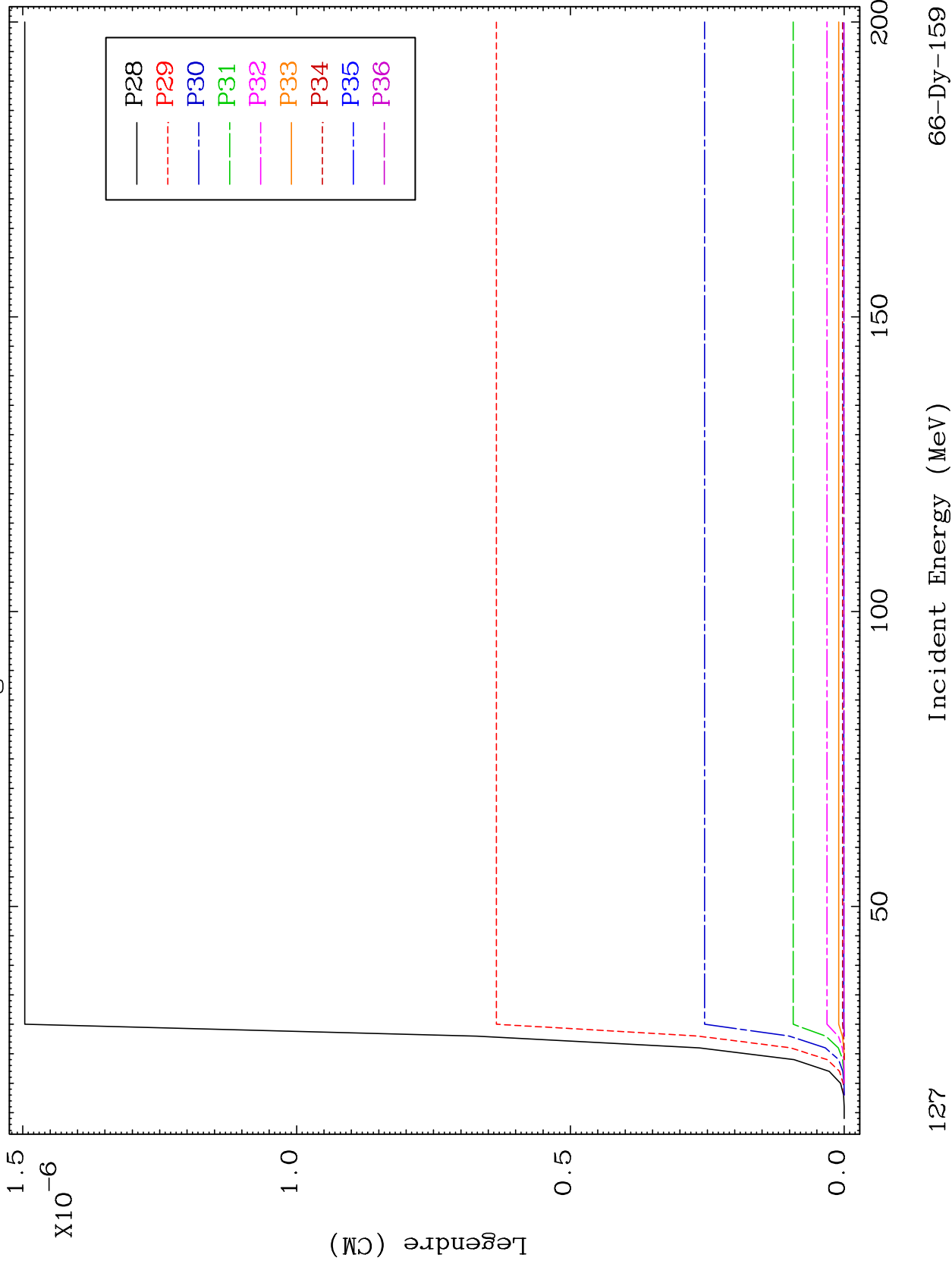
126

66-Dy-159

MAT 6634

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

66-Dy-159



127

Incident Energy (MeV)

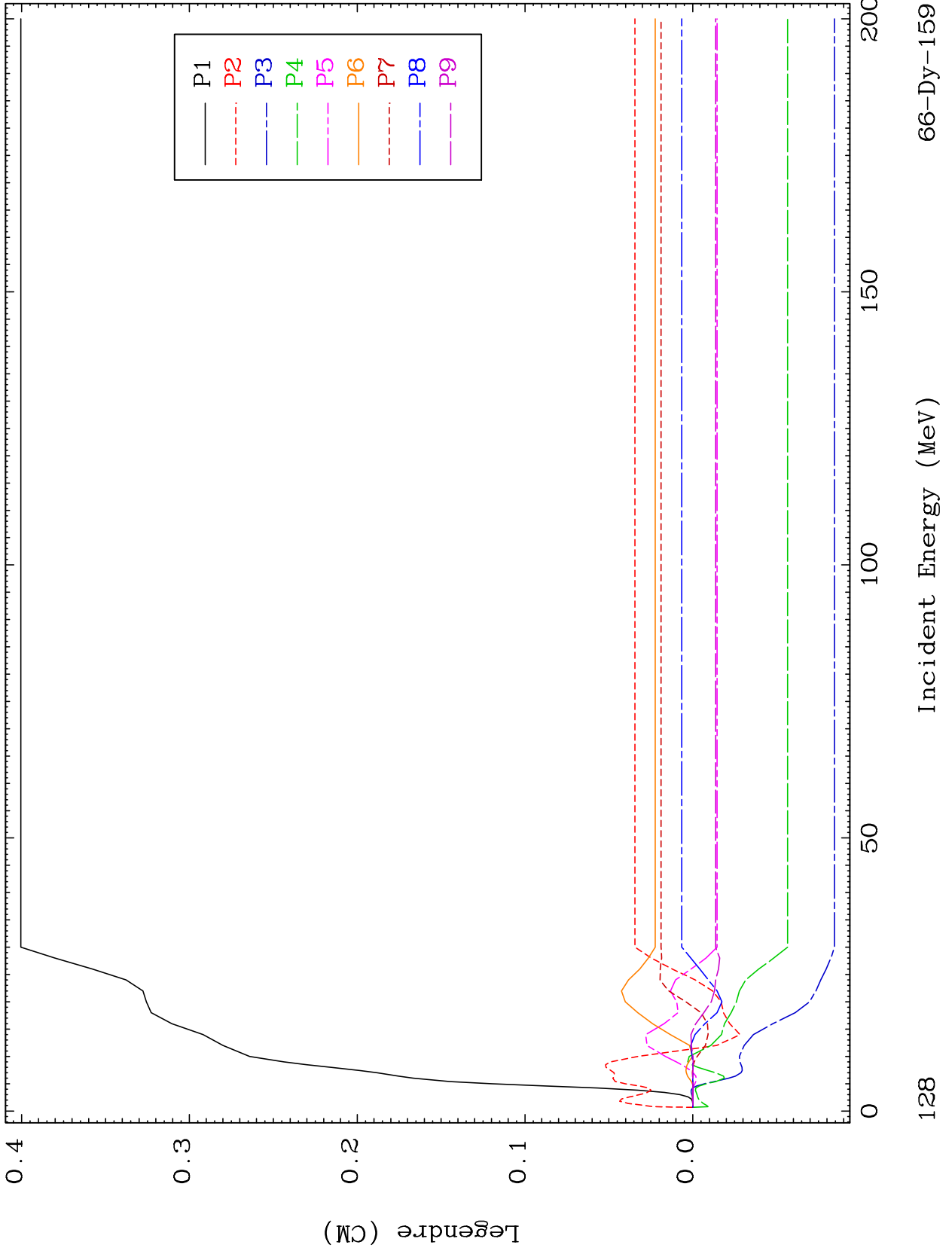
66-Dy-159



MAT 6634

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

66-Dy-159



66-Dy-159

Incident Energy (MeV)

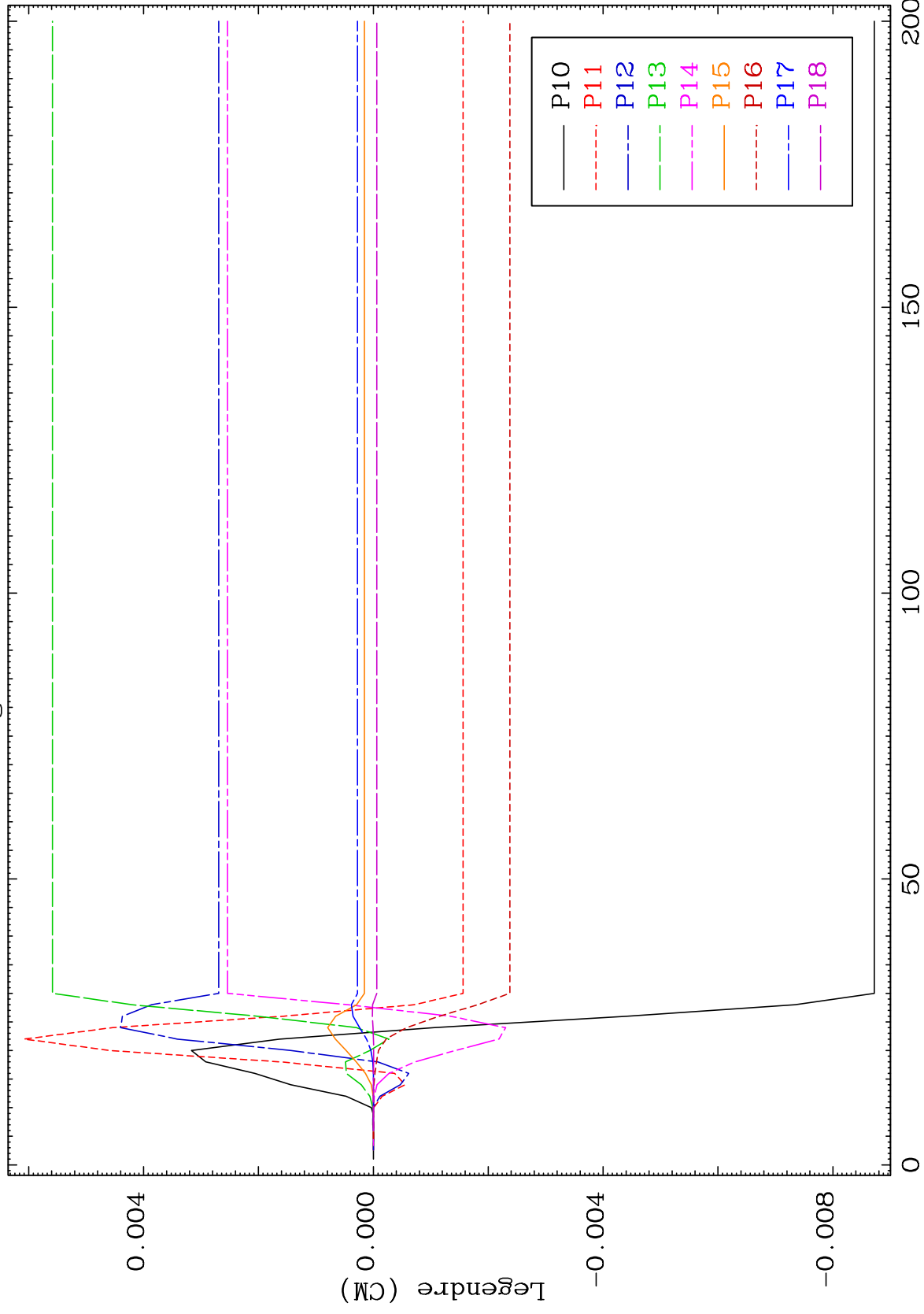
128

MAT 6634

MT= 78 (n,n') Level

66-Dy-159

Legendre Coefficients



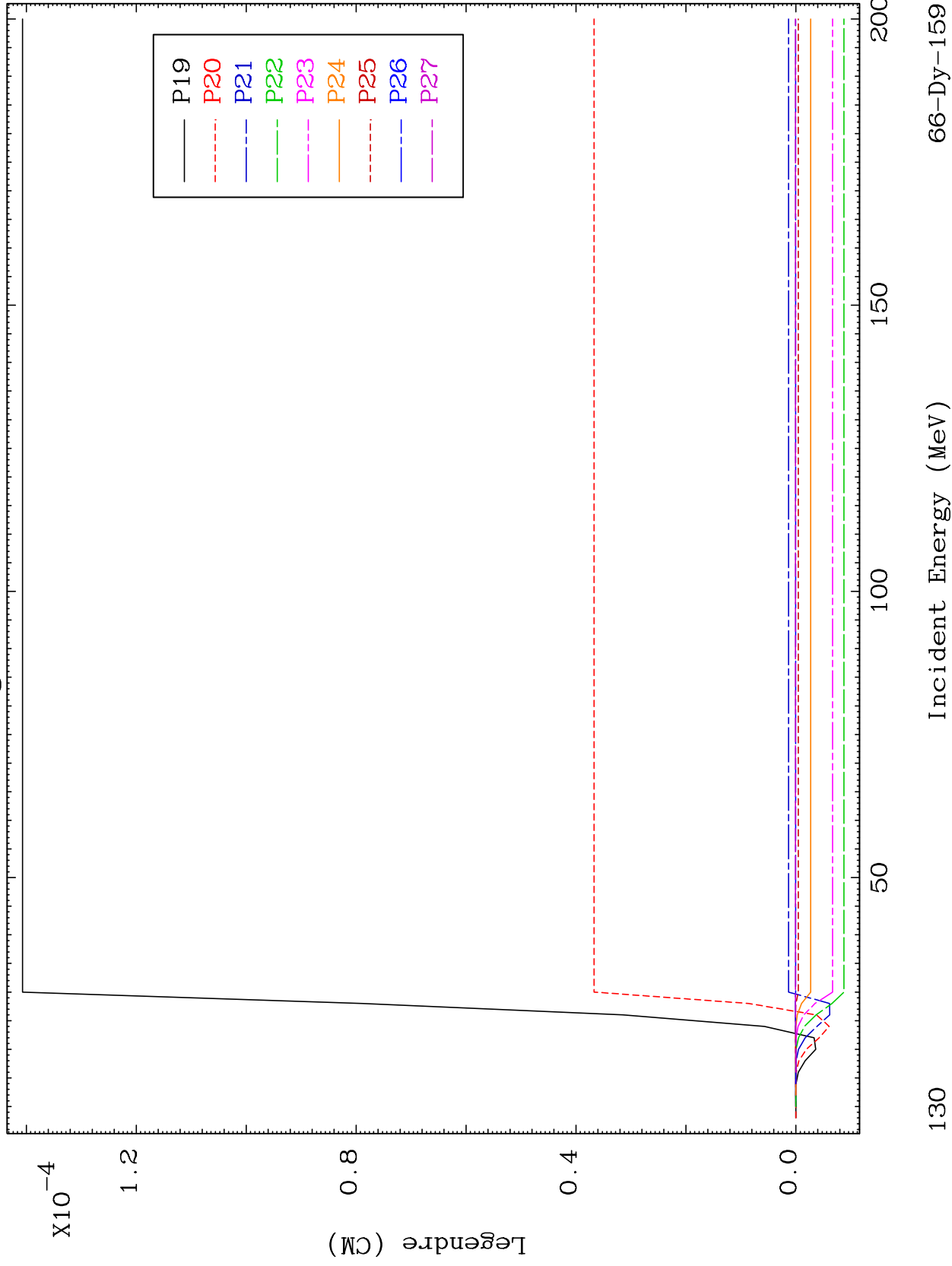
129

66-Dy-159

MAT 6634

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

66-Dy-159



130

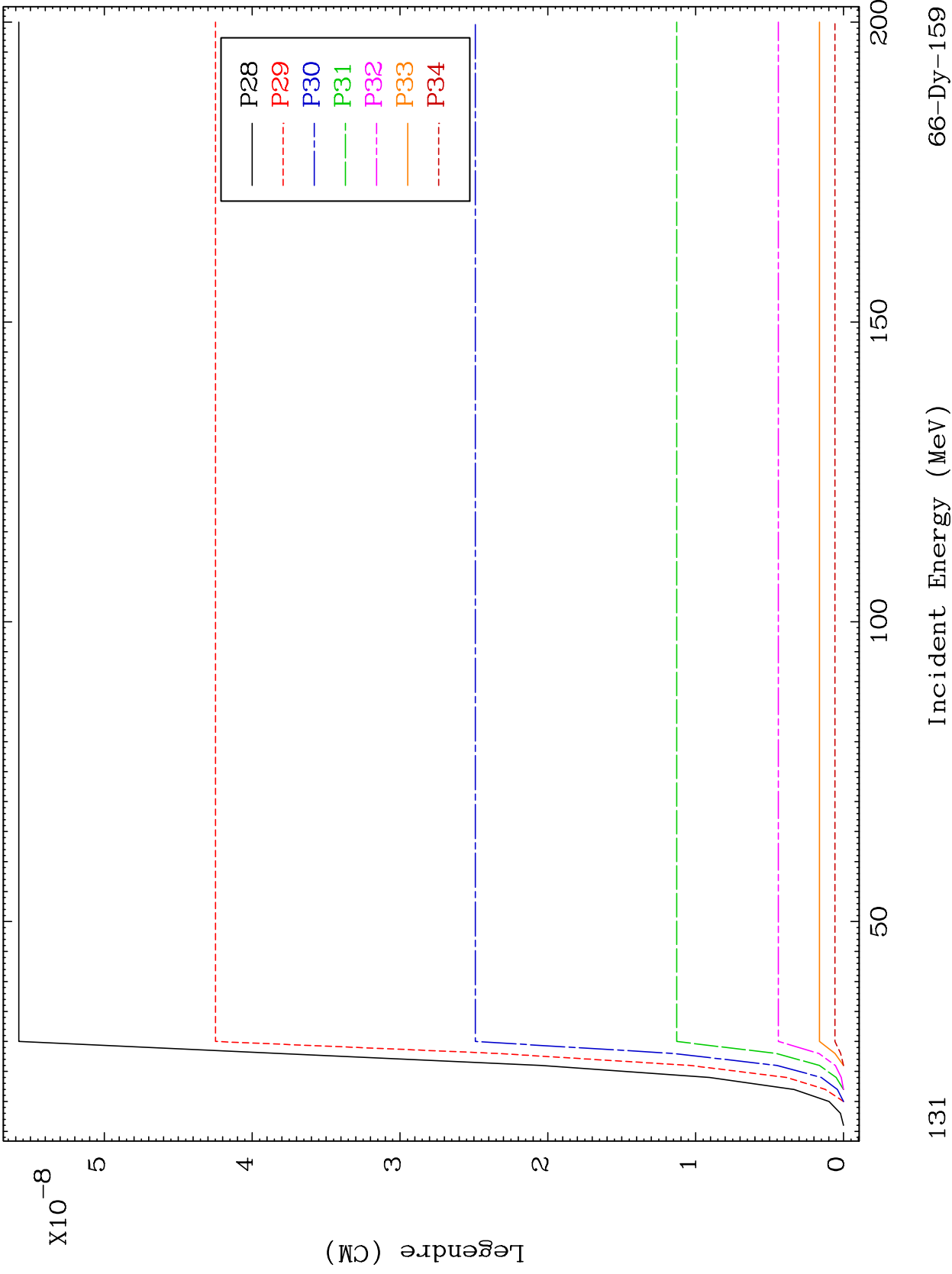
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



131

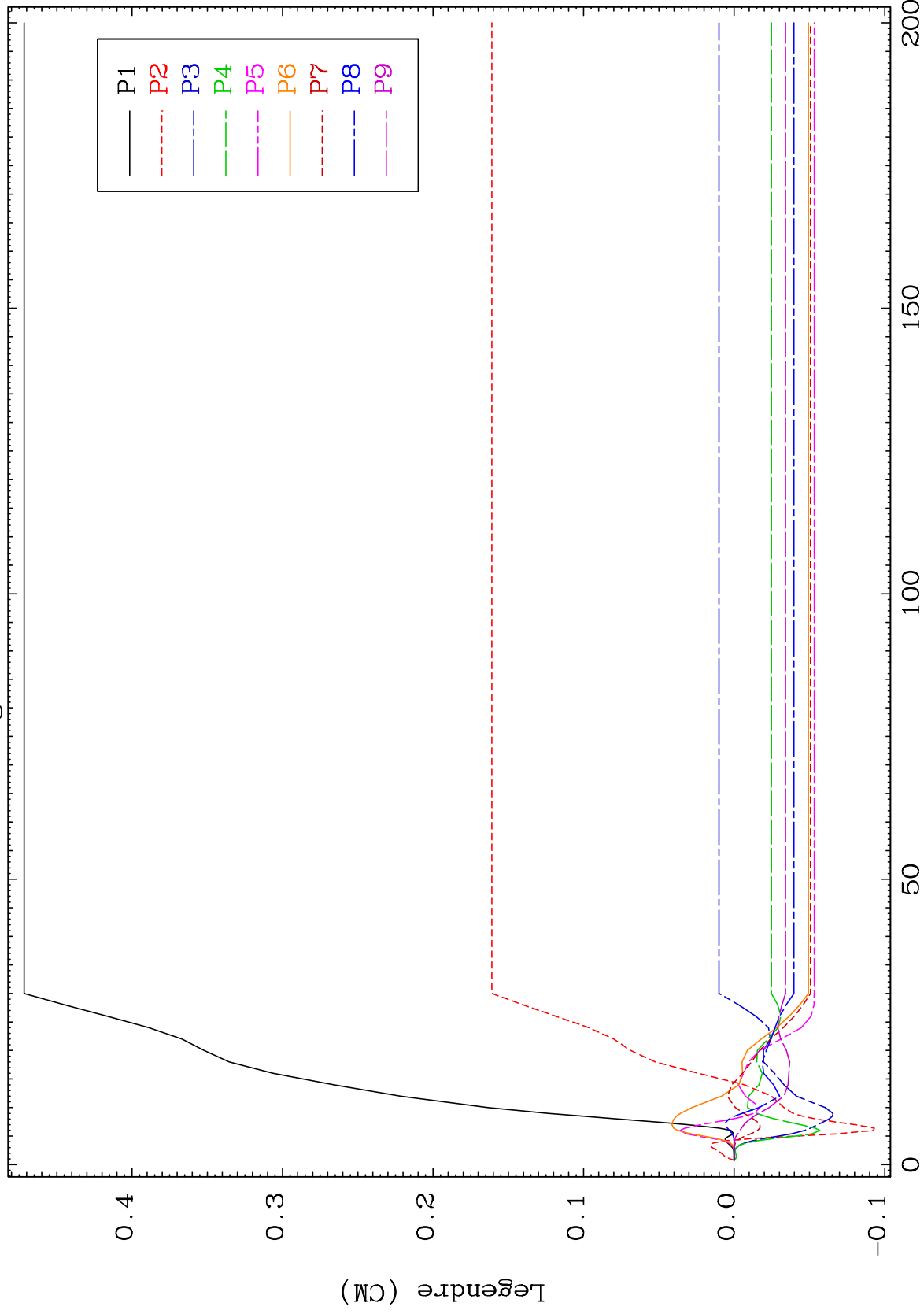
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



132

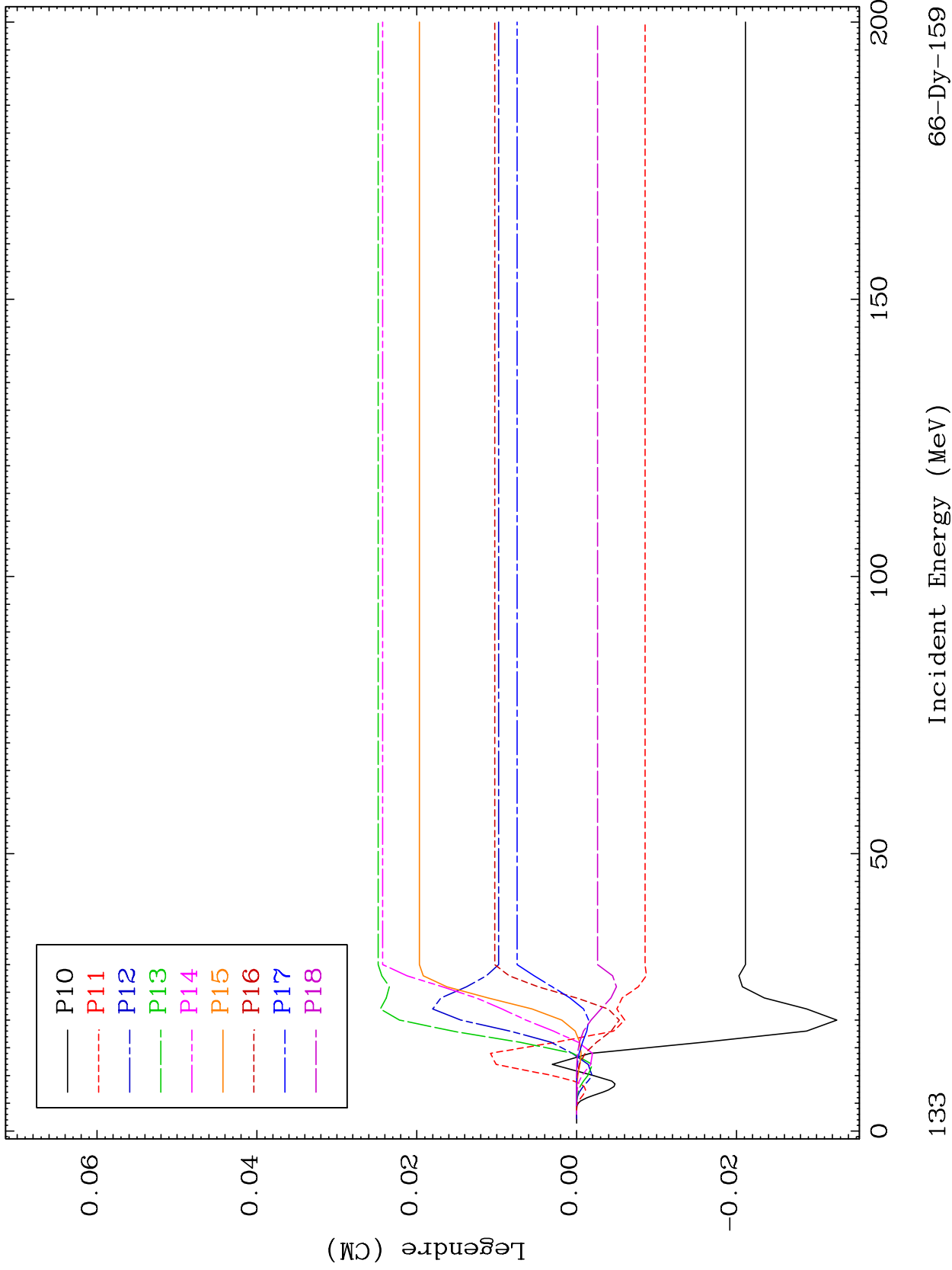
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

66-Dy-159



133

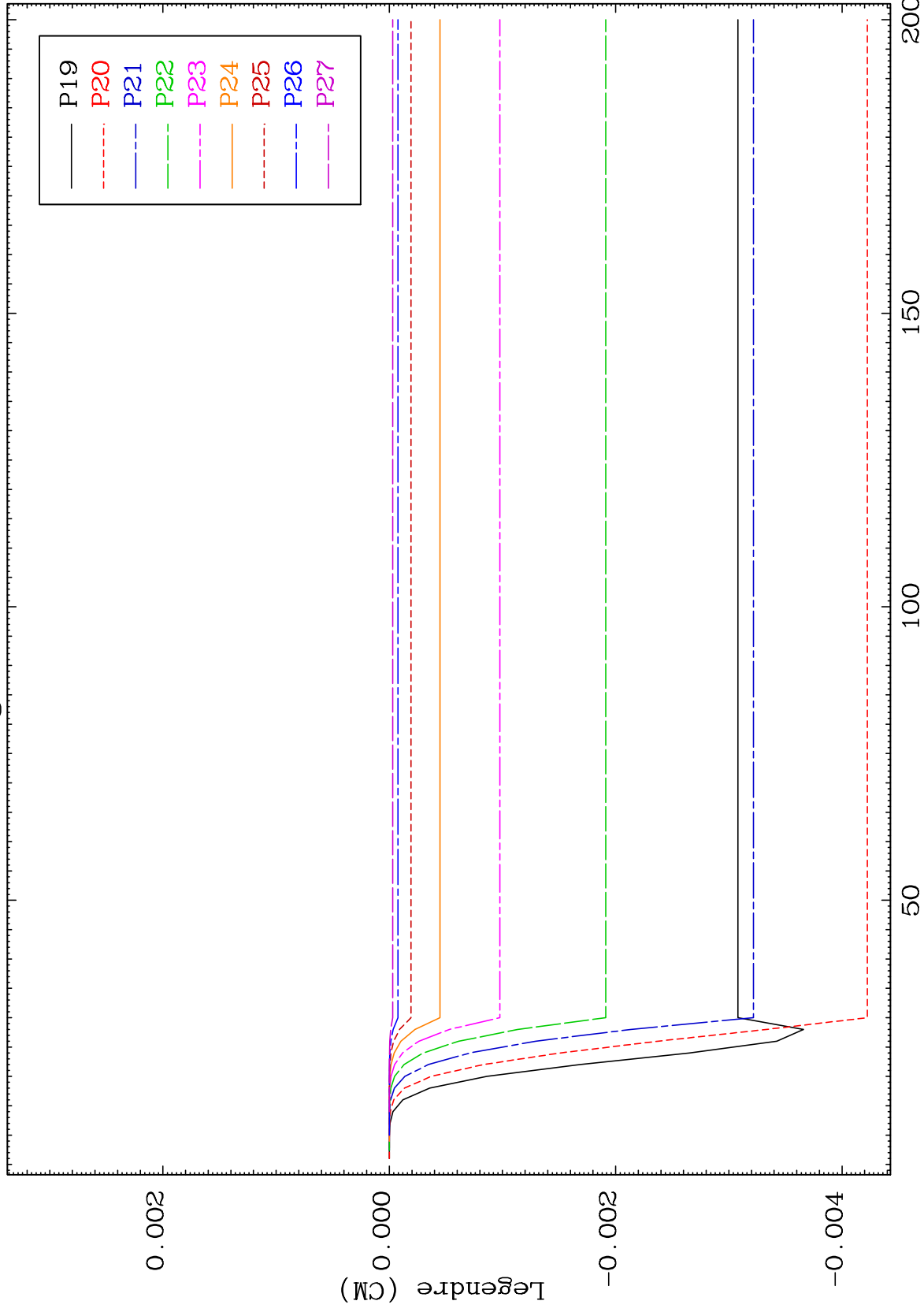
Incident Energy (MeV)

66-Dy-159

MAT 6634

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

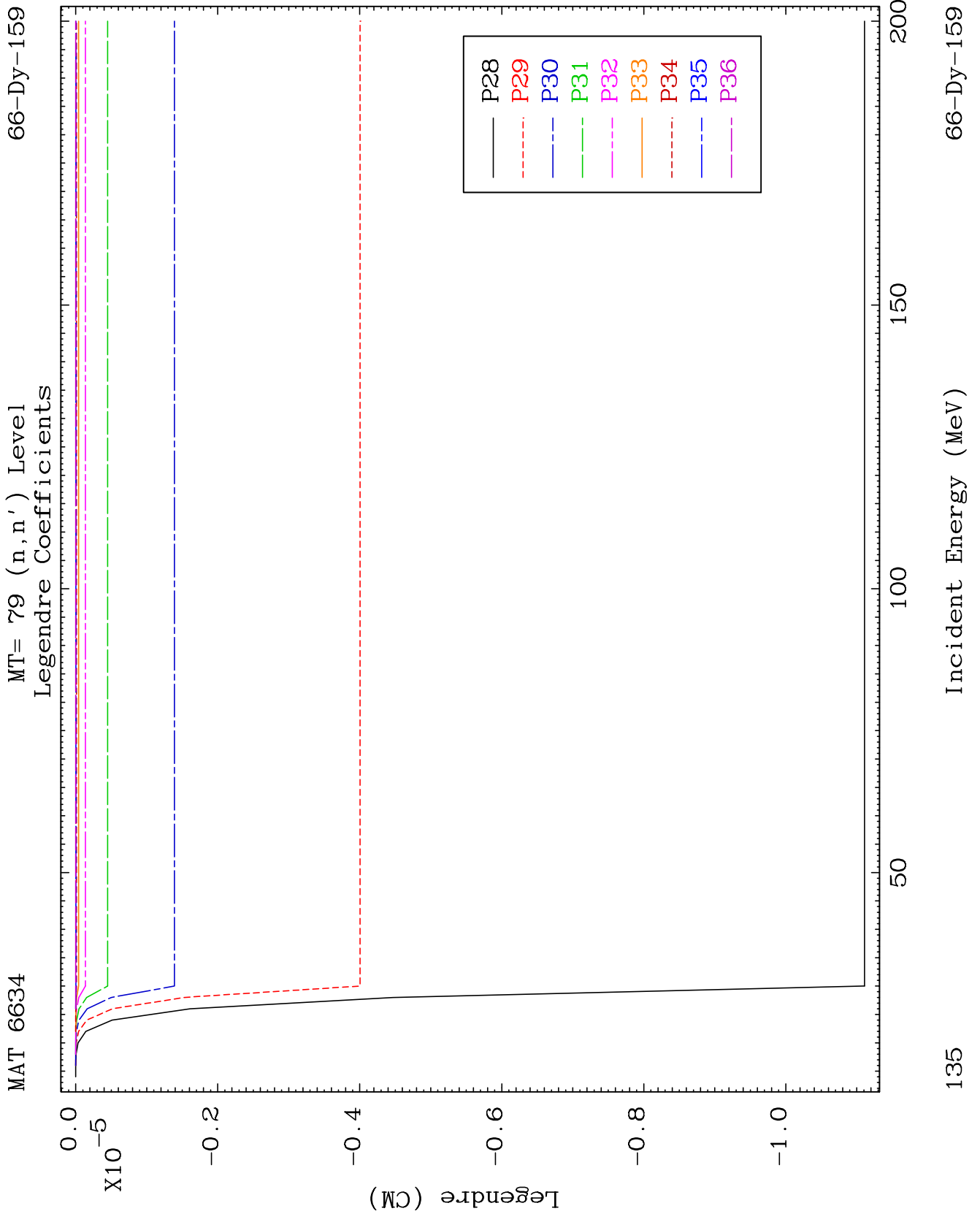
66-Dy-159



134

Incident Energy (MeV)

66-Dy-159



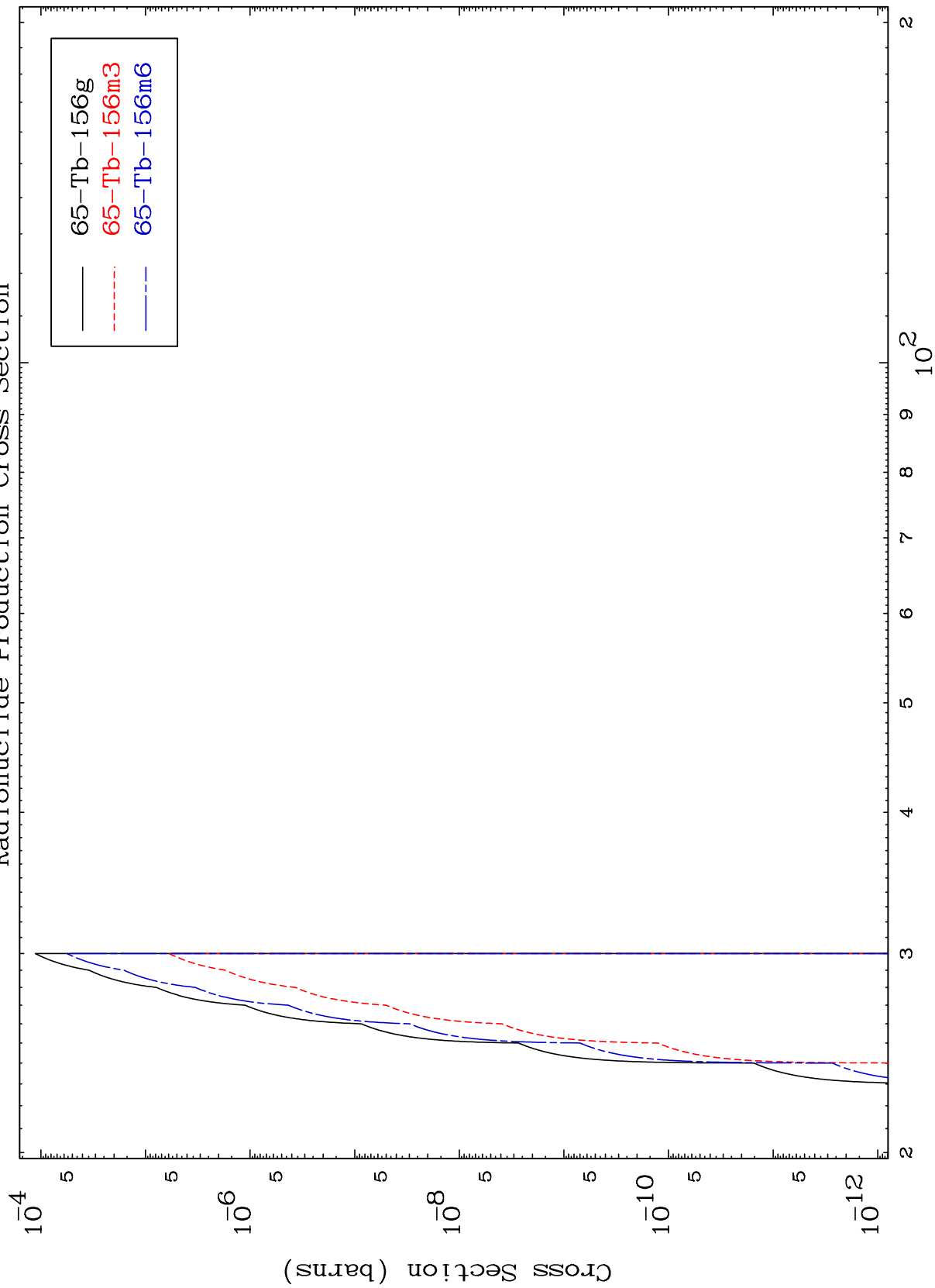


MAT 6634

(n,2n) d

66-Dy-159

Radionuclide Production Cross Section



136

Incident Energy (MeV)

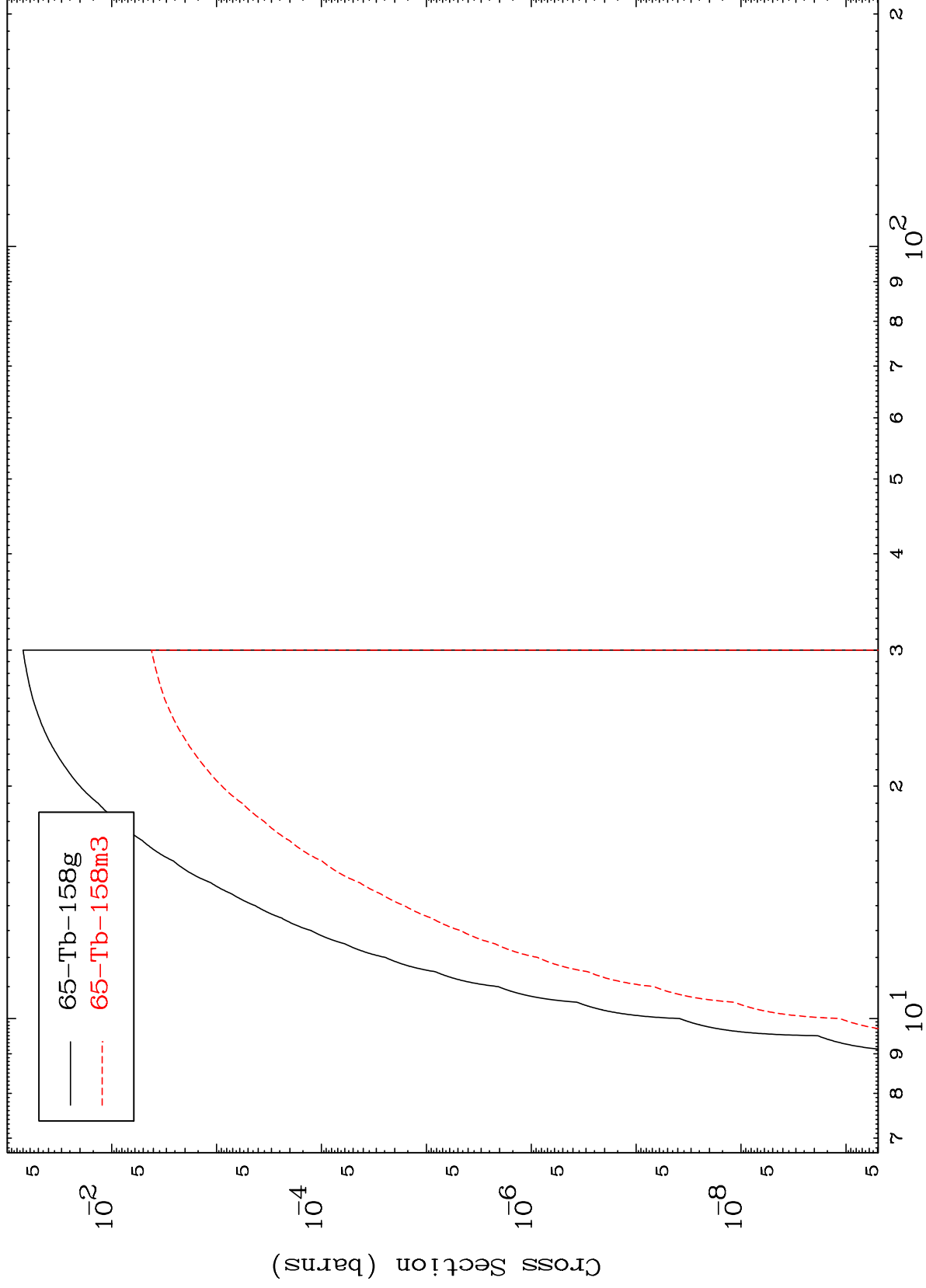
66-Dy-159

MAT 6634

(n,n') p

66-Dy-159

Radionuclide Production Cross Section

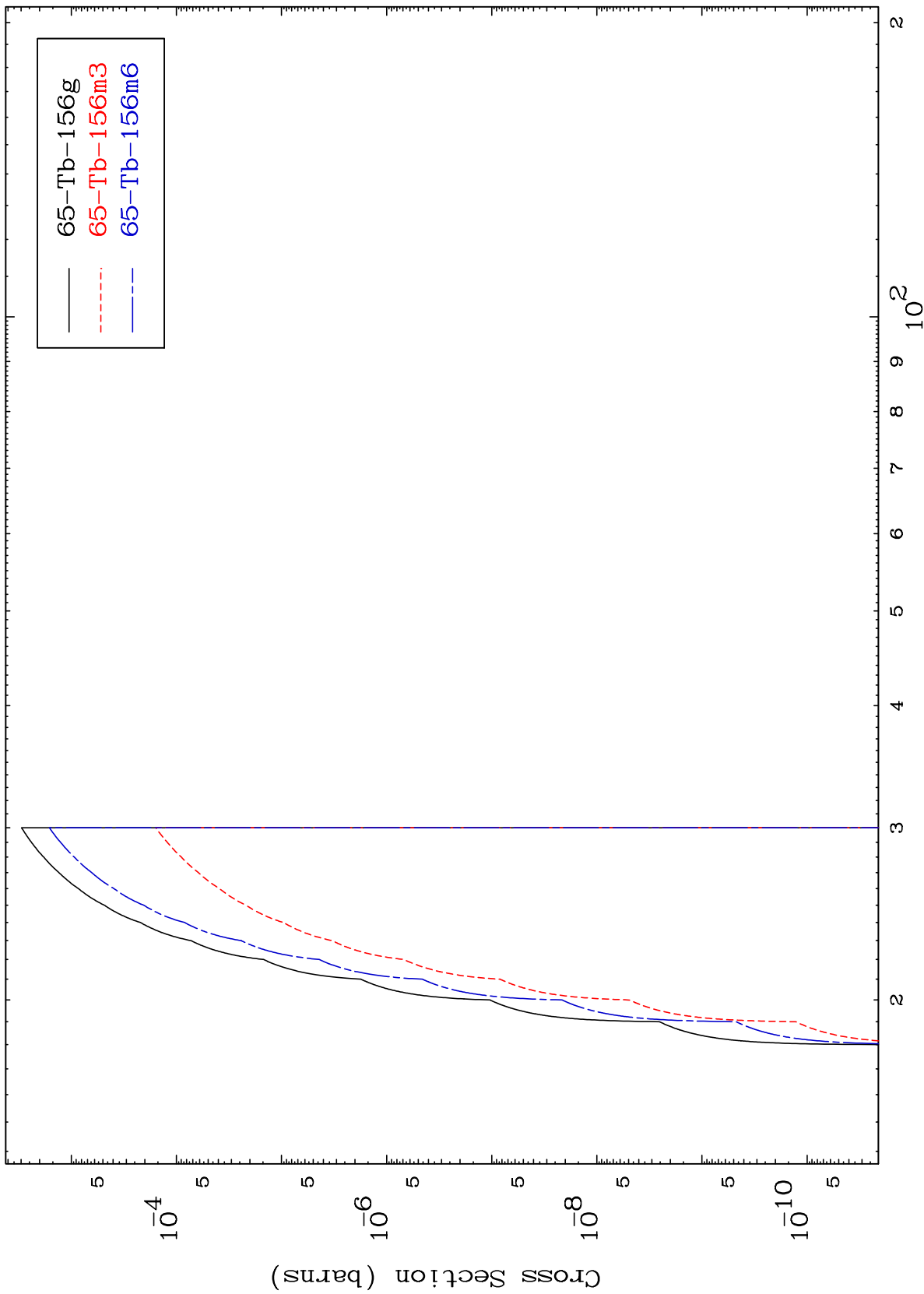


137

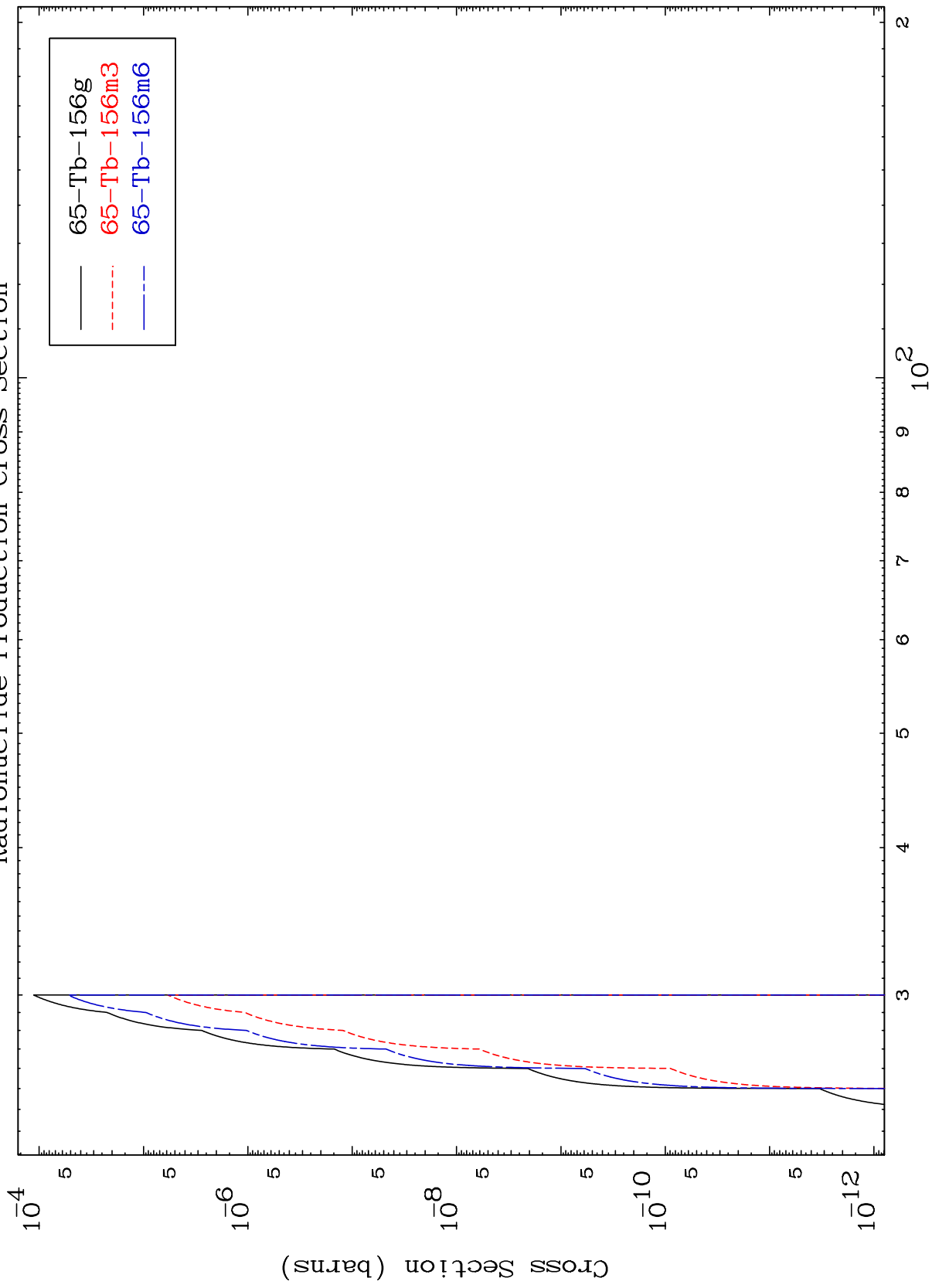
Incident Energy (MeV)

66-Dy-159

Radionuclide Production Cross Section



Radionuclide Production Cross Section

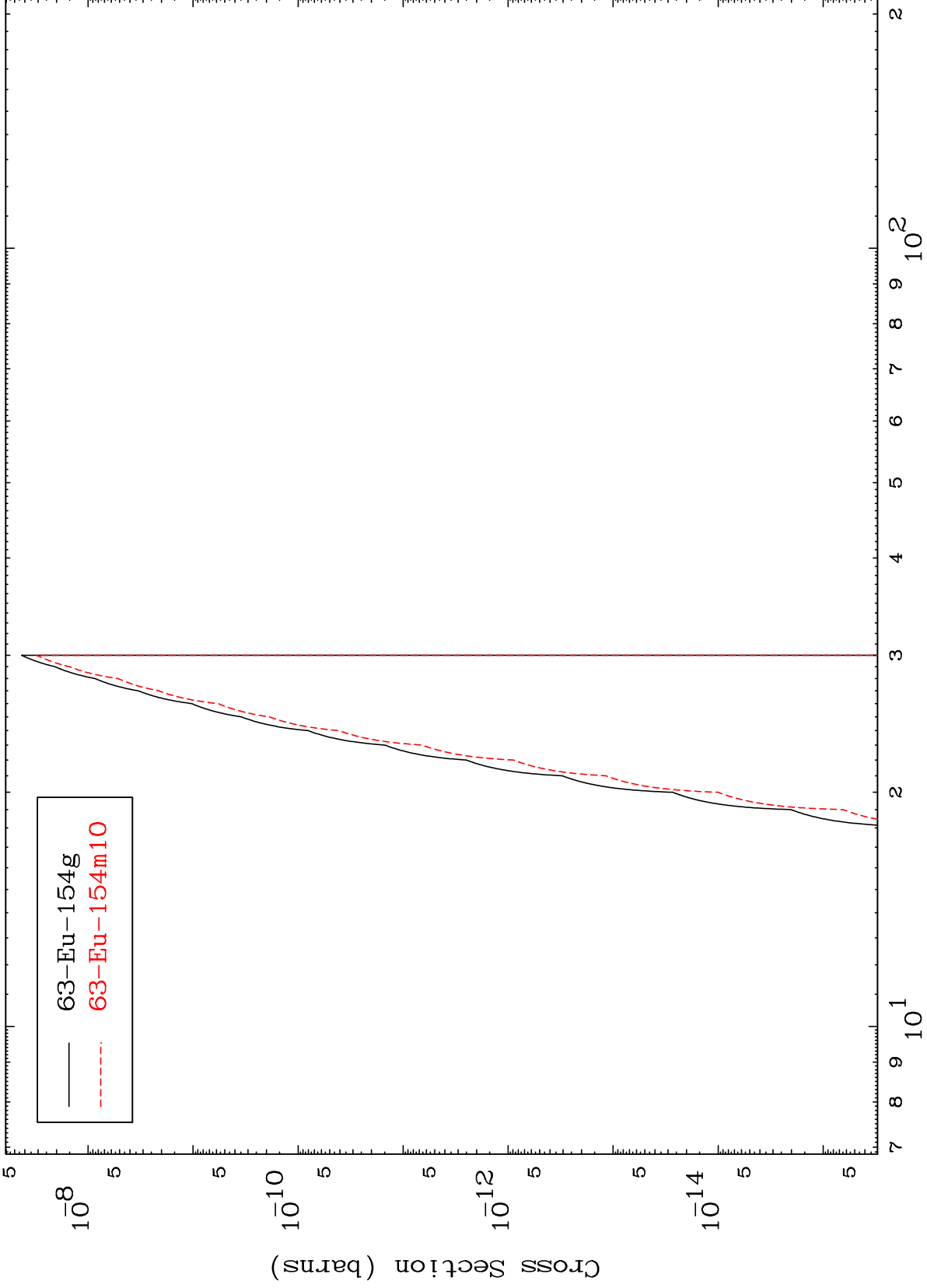


MAT 6634

(n,n') p  $\alpha$

66-Dy-159

Radionuclide Production Cross Section



140

Incident Energy (MeV)

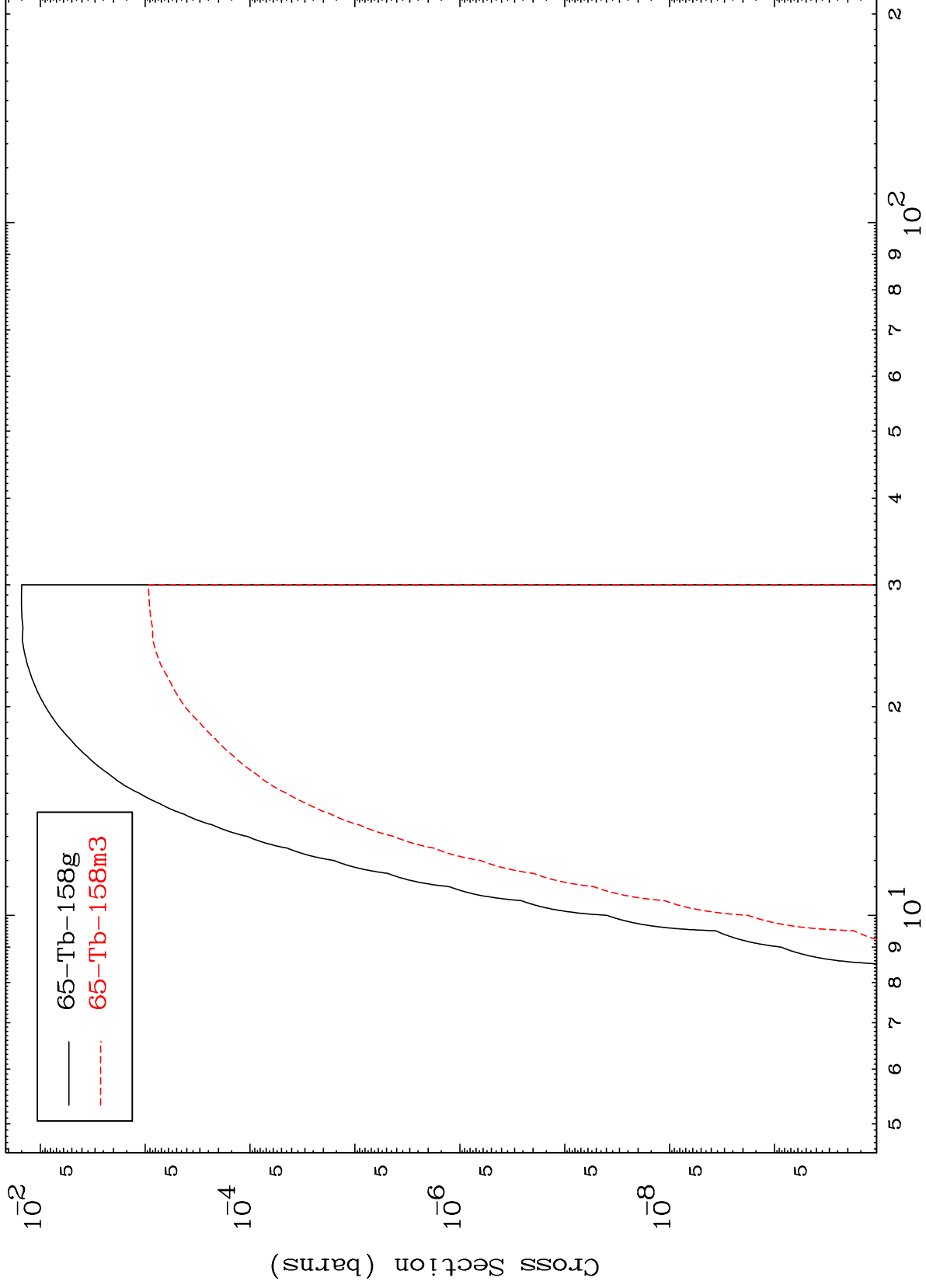
66-Dy-159

MAT 6634

(n,d)

66-Dy-159

Radionuclide Production Cross Section



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

141

Incident Energy (MeV)

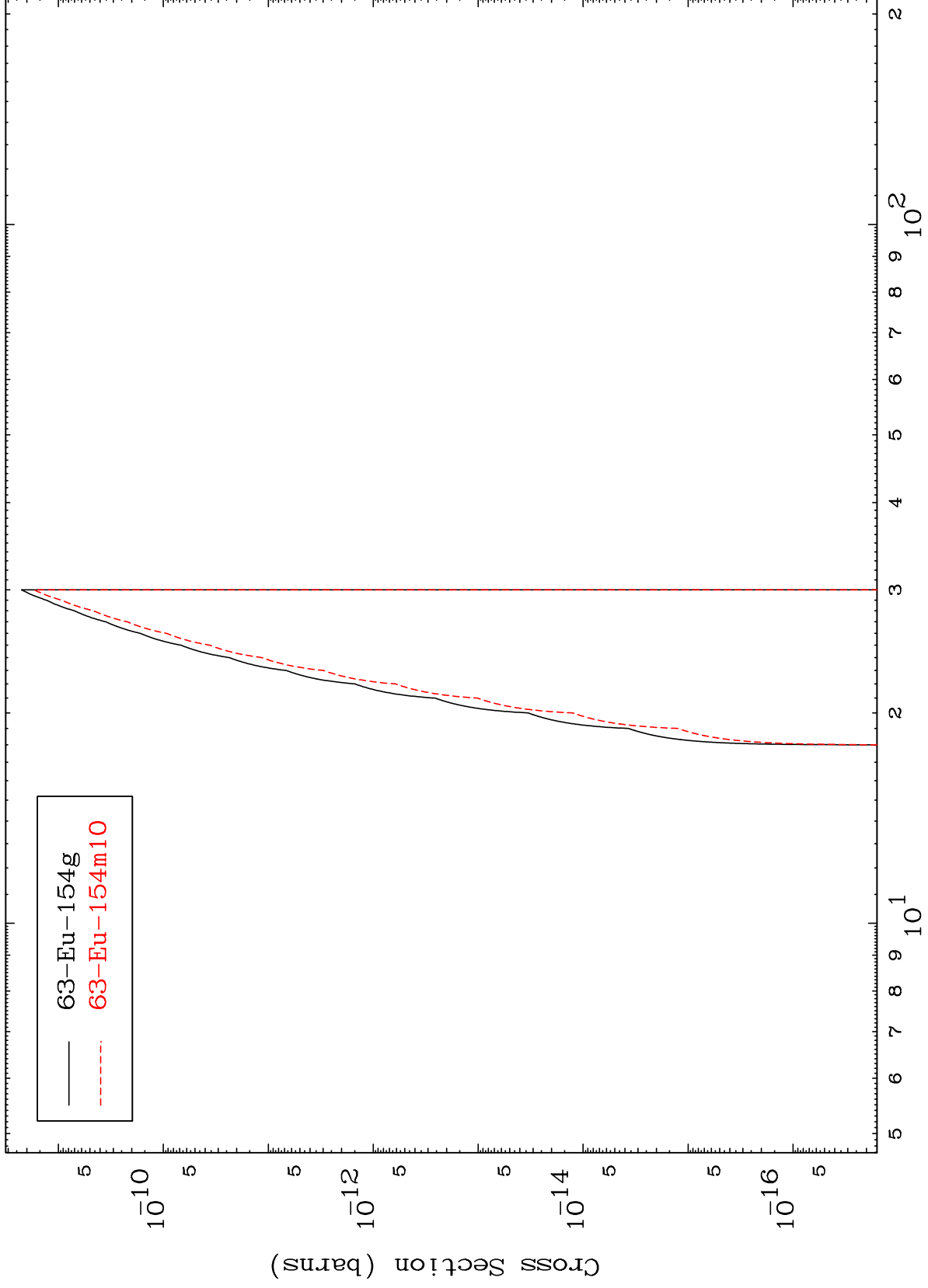
66-Dy-159

MAT 6634

(n,d)  $\alpha$

66-Dy-159

Radionuclide Production Cross Section



63-Eu-154g  
63-Eu-154m10

142

Incident Energy (MeV)

66-Dy-159