

Program EVALPLOT
(Version 2017-1)

by

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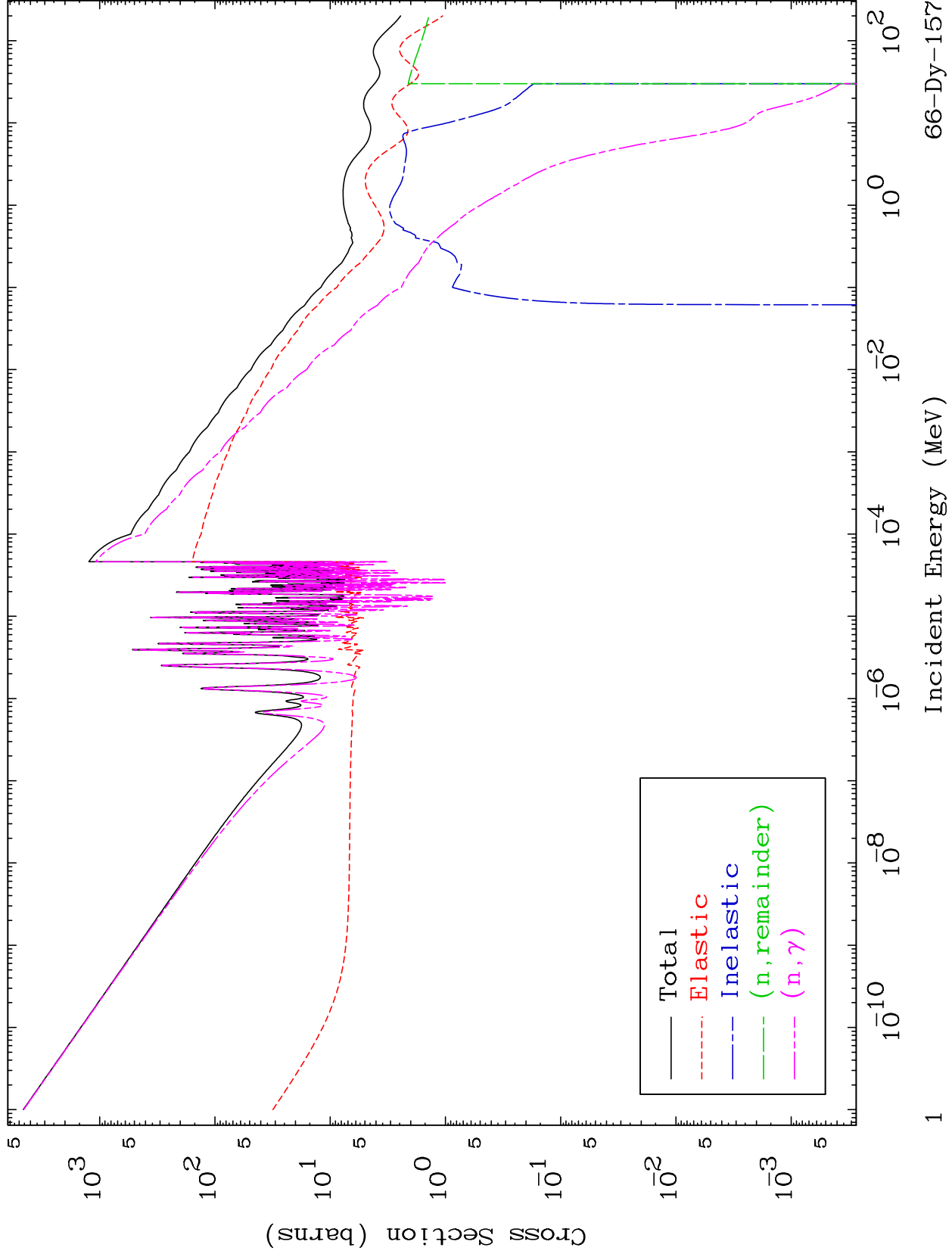
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6628

Major
293 Kelvin Cross Sections

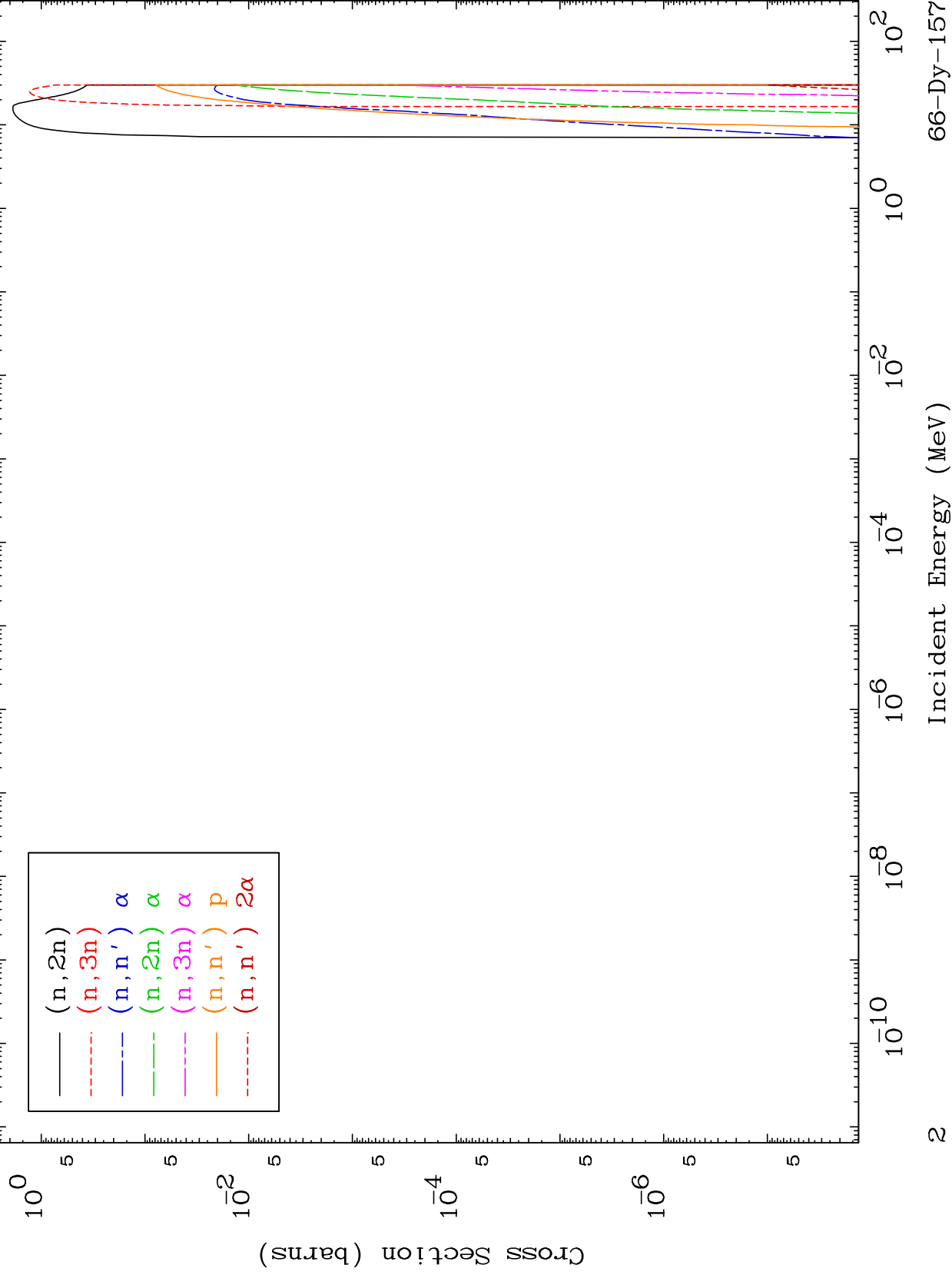
66-Dy-157

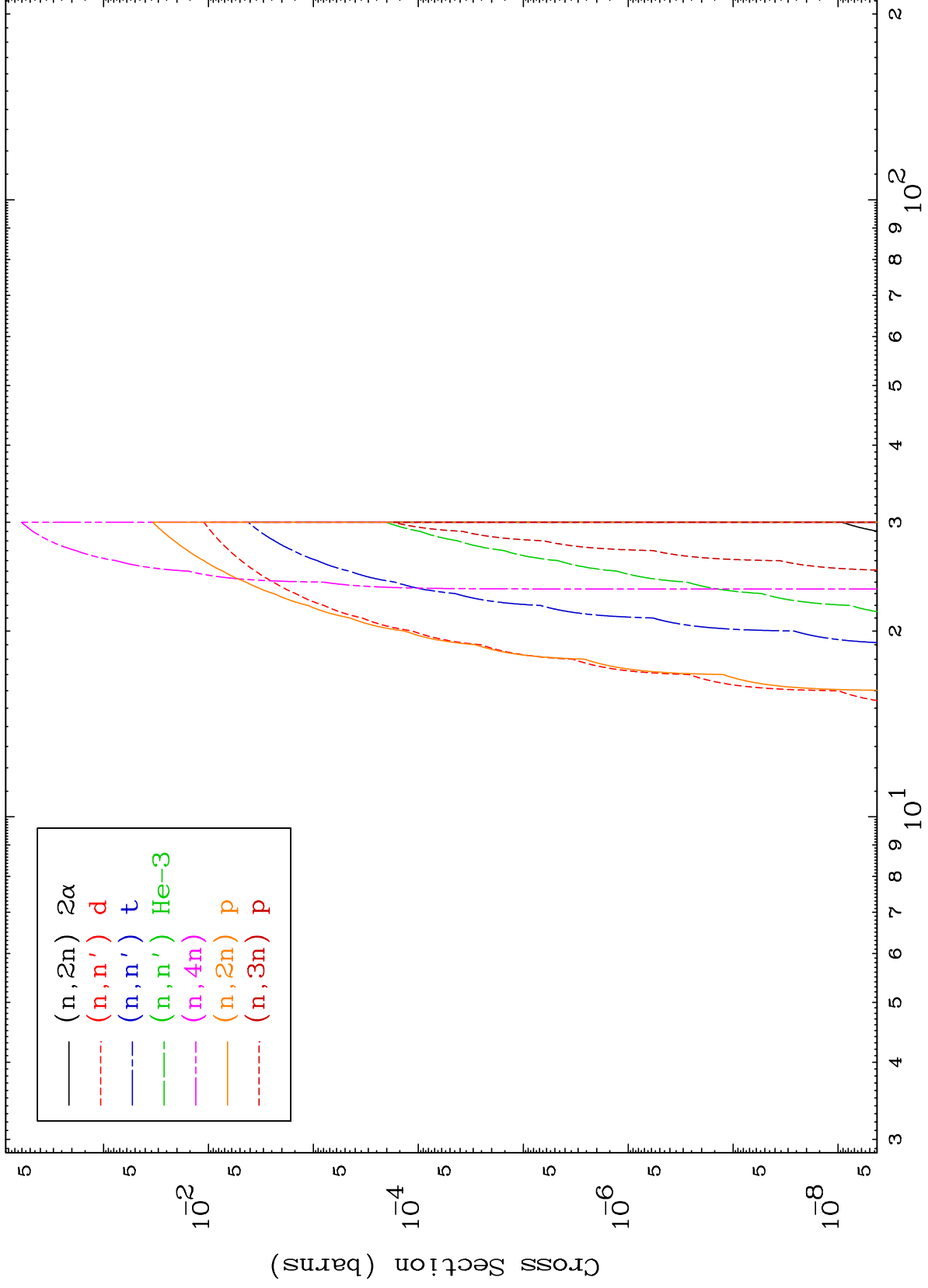


MAT 6628

Neutron Production
293 Kelvin Cross Sections

66-Dy-157

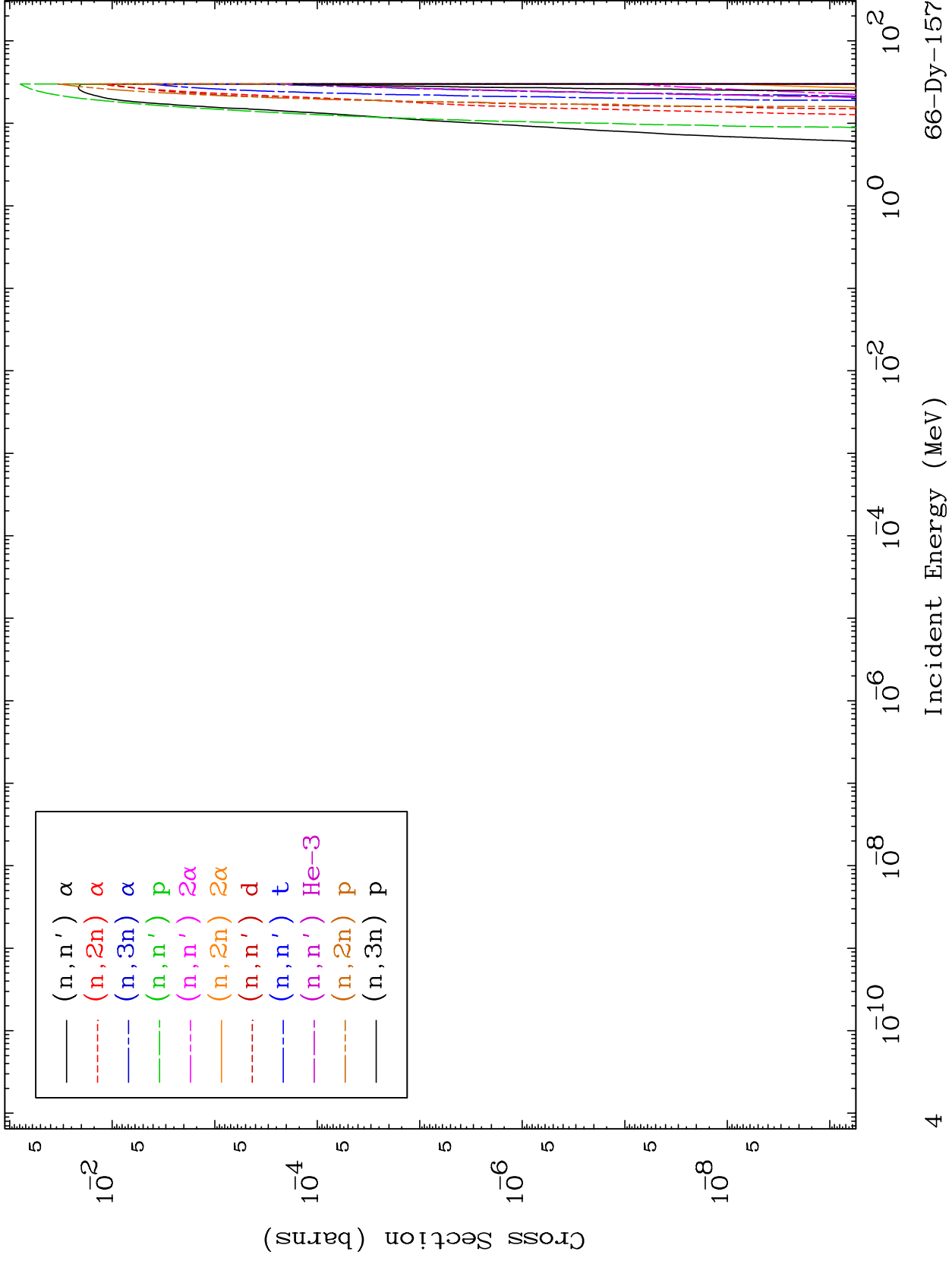




MAT 6628

Charged Particle
293 Kelvin Cross Sections

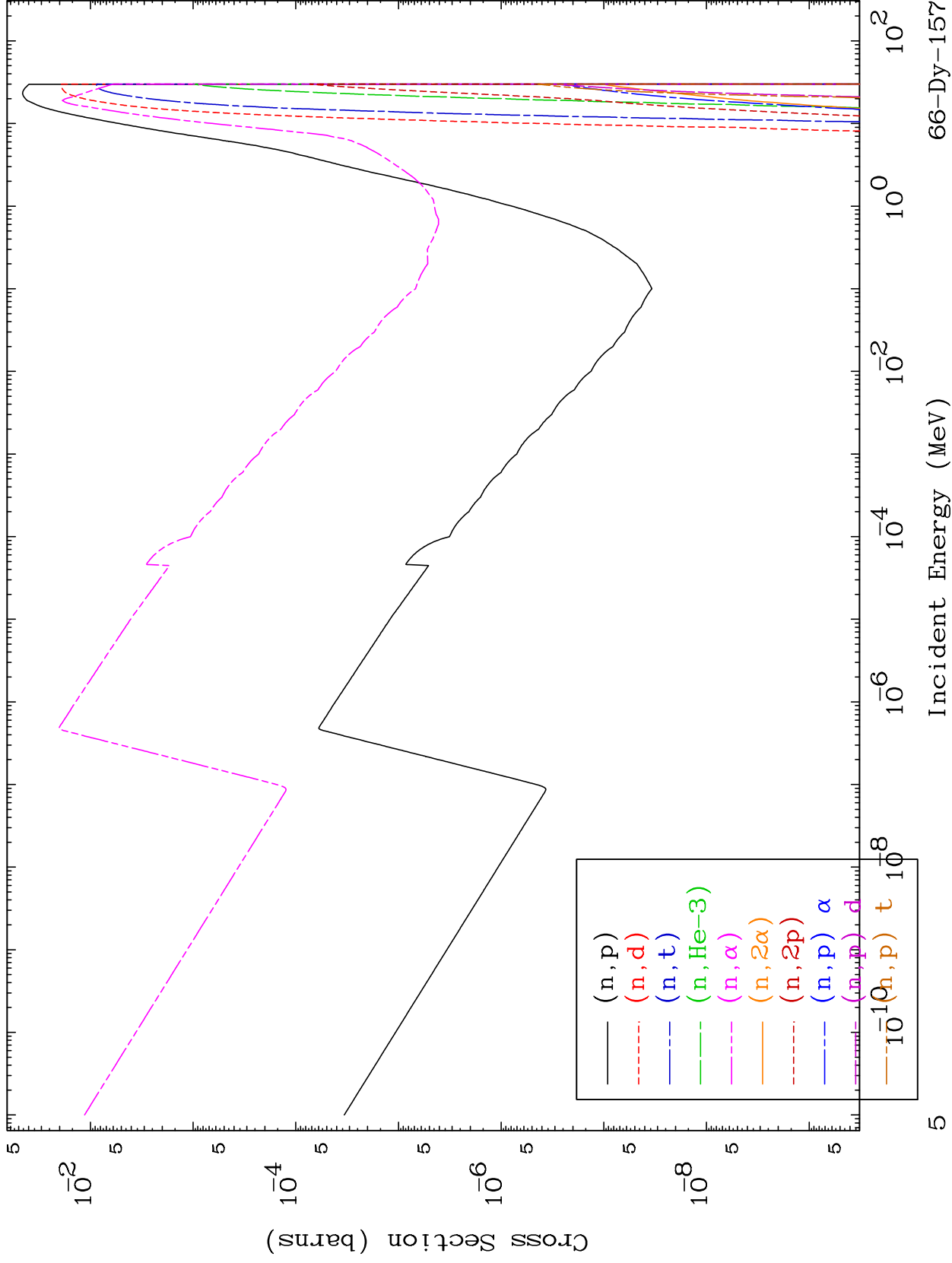
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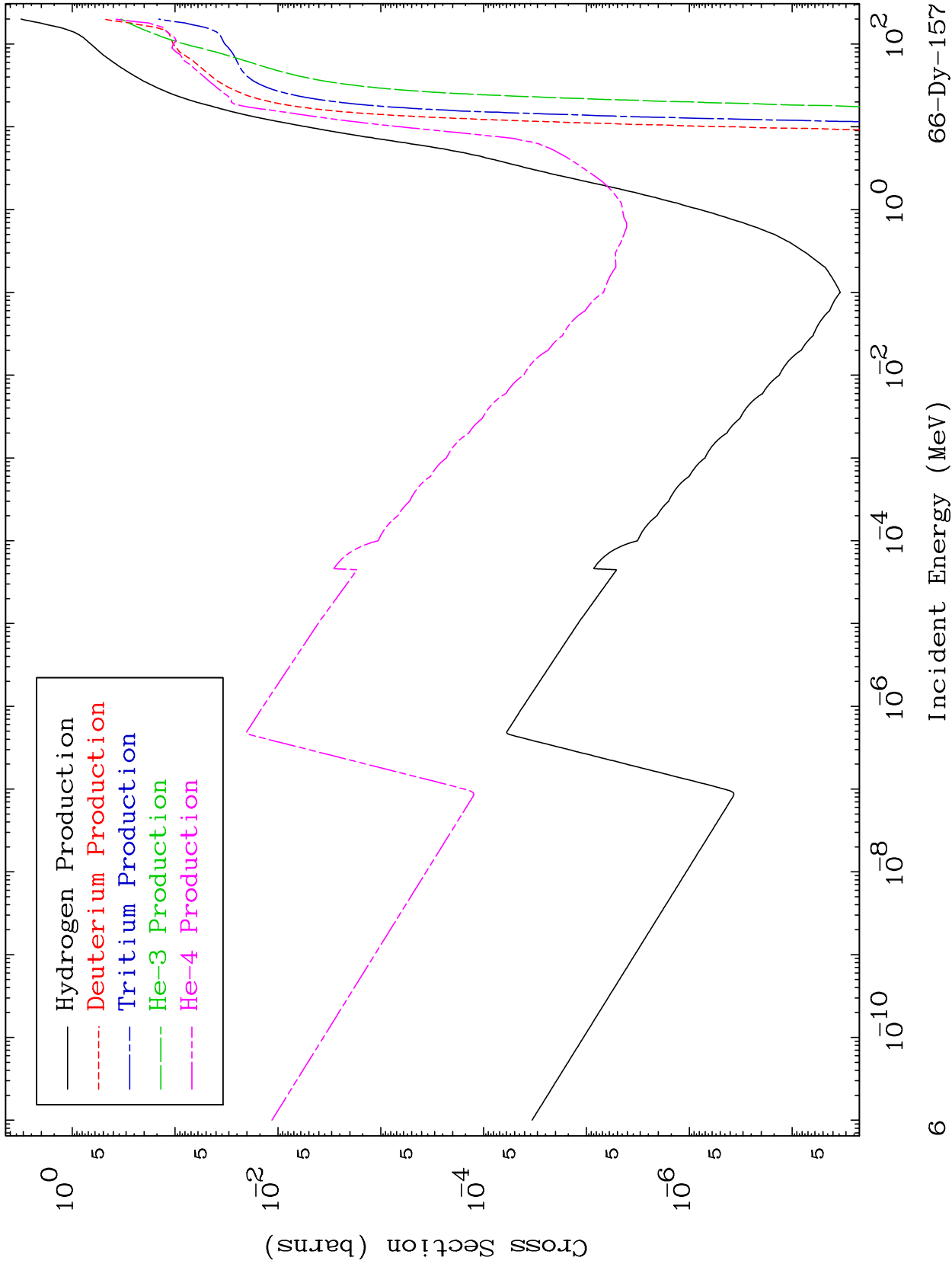


MAT 6628

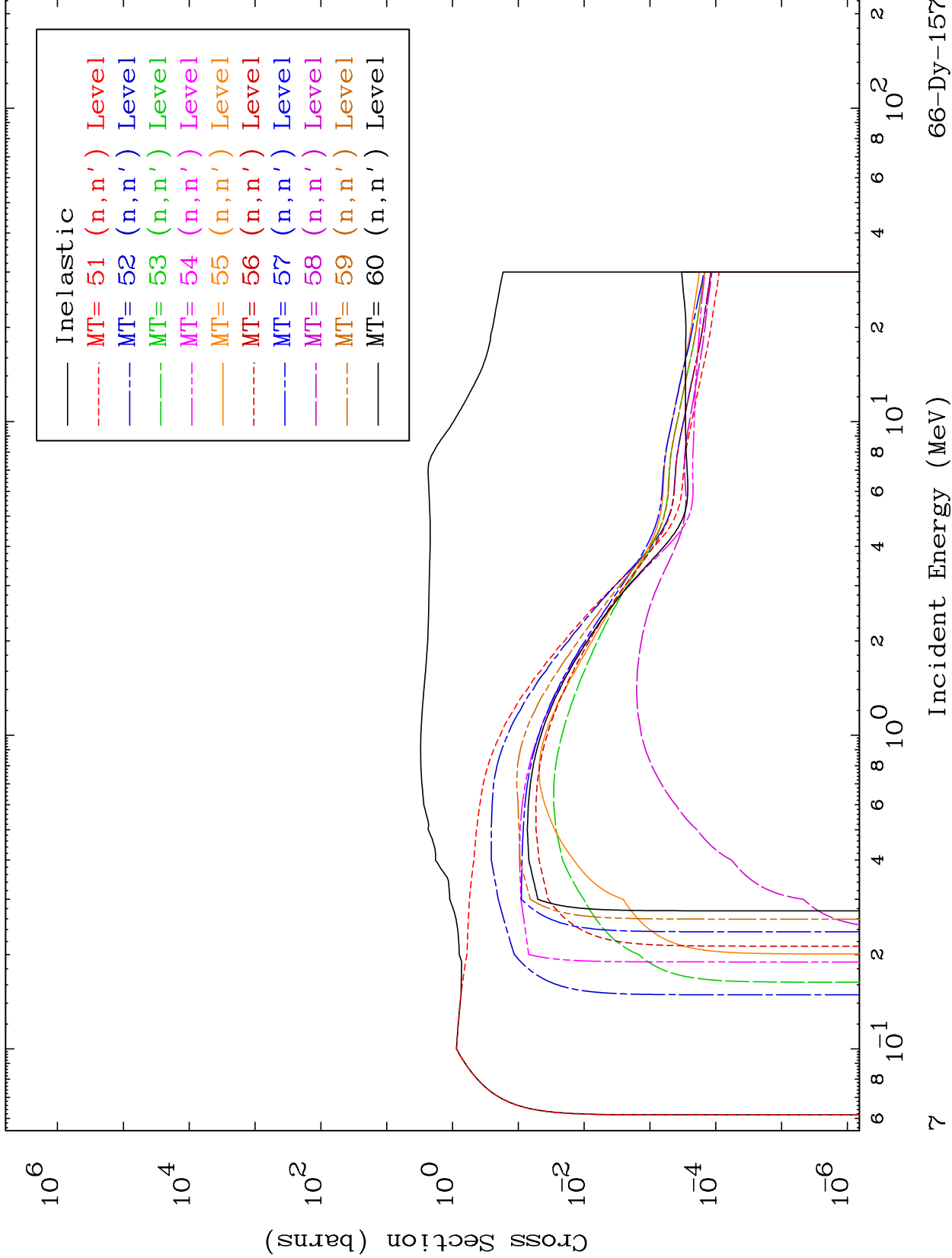
Charged Particle
293 Kelvin Cross Sections

66-Dy-157





293 Kelvin Cross Sections

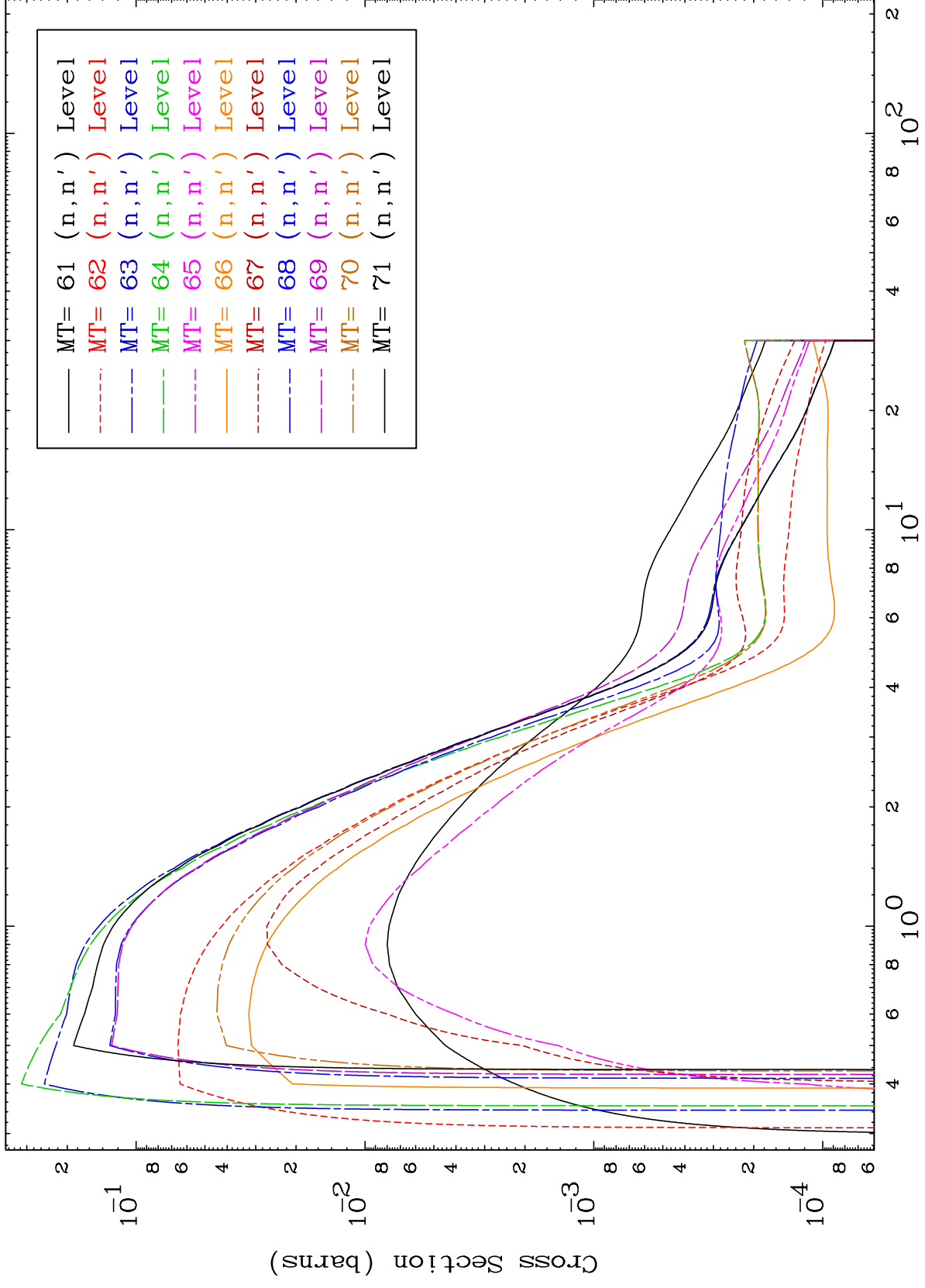


MAT 6628

(n,n') Level

66-Dy-157

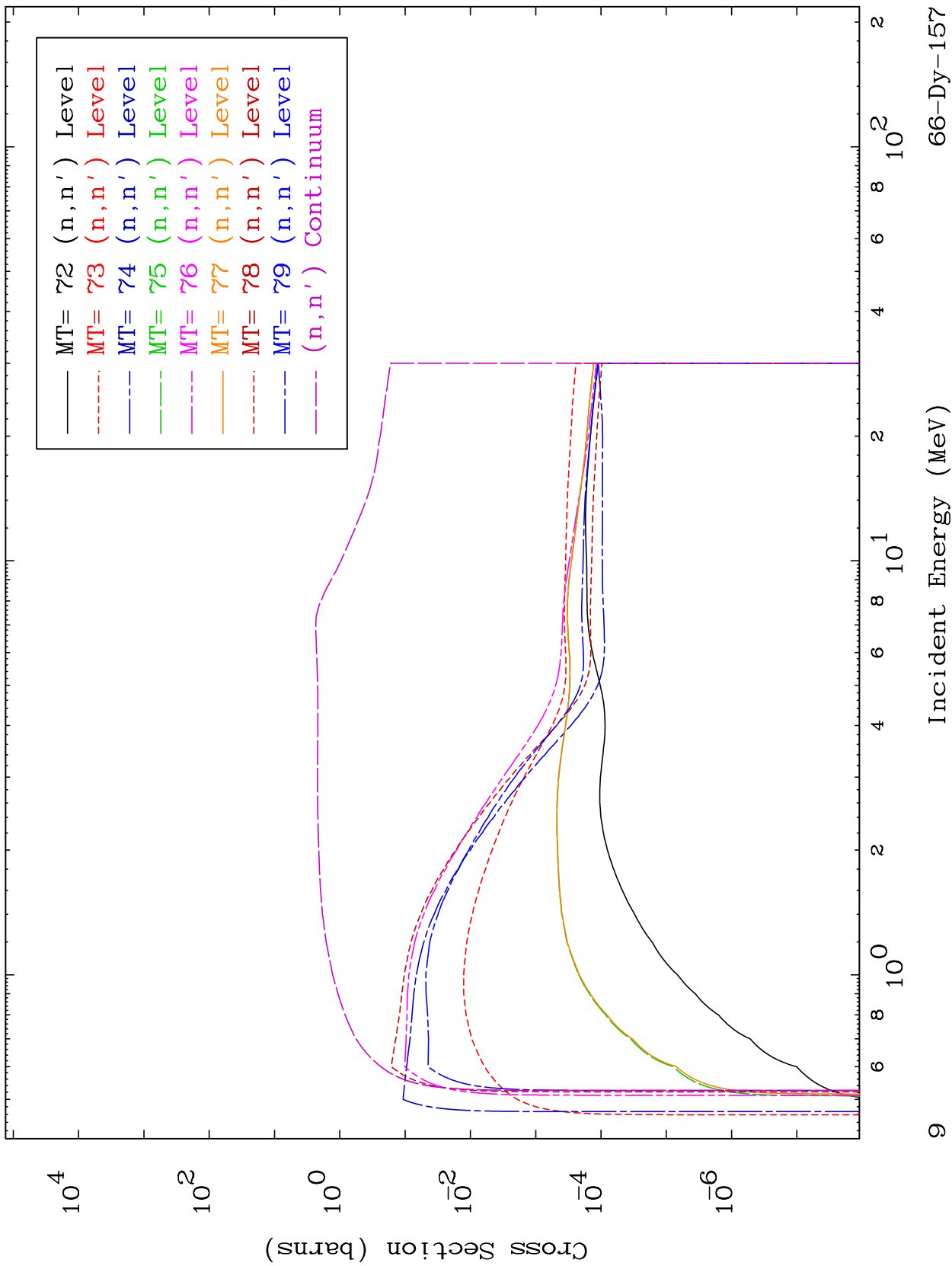
293 Kelvin Cross Sections



8

Incident Energy (MeV)

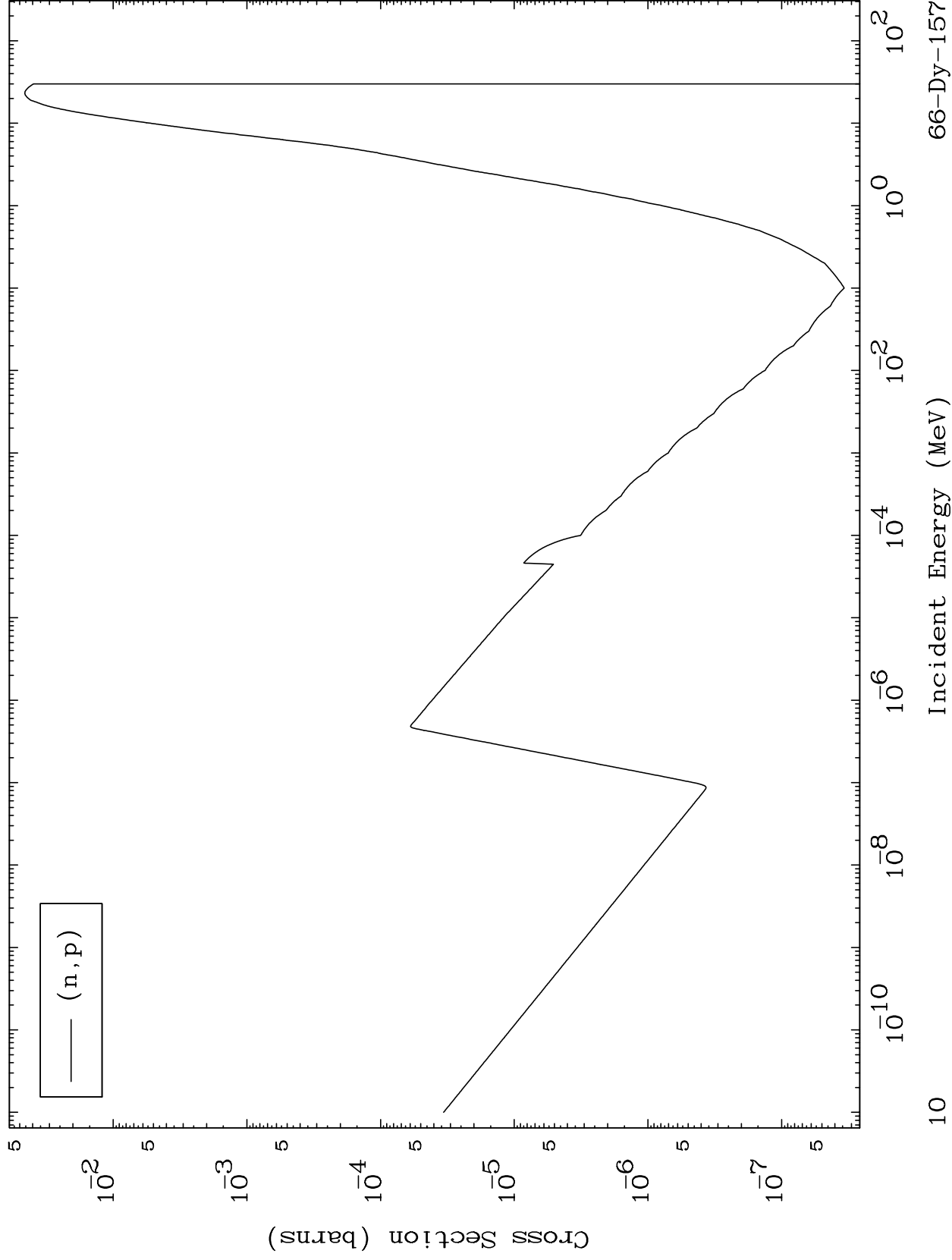
66-Dy-157



MAT 6628

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-157



10

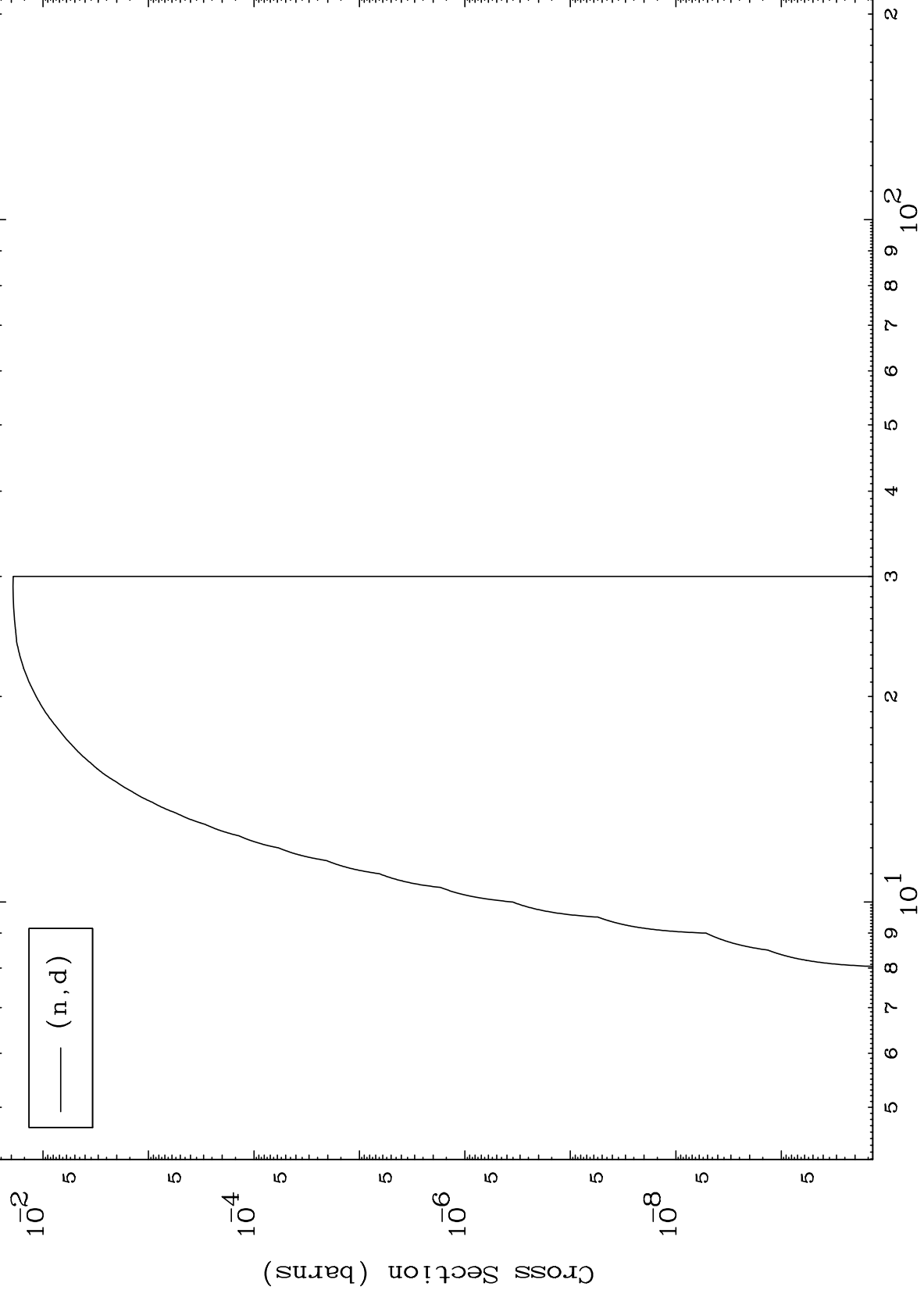
Incident Energy (MeV)

66-Dy-157

MAT 6628

(n,d) Levels
293 Kelvin Cross Sections

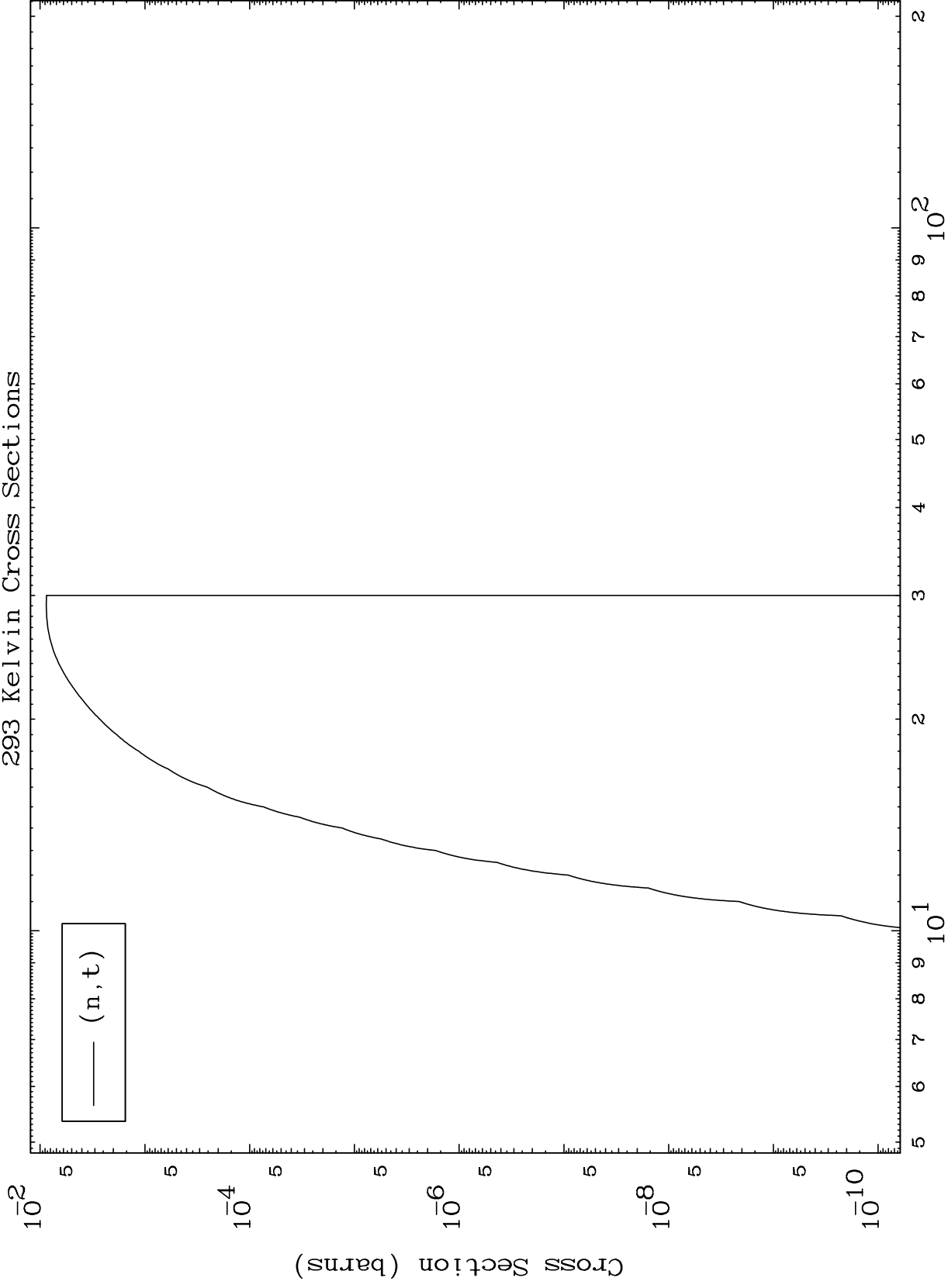
66-Dy-157



MAT 6628

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-157



12

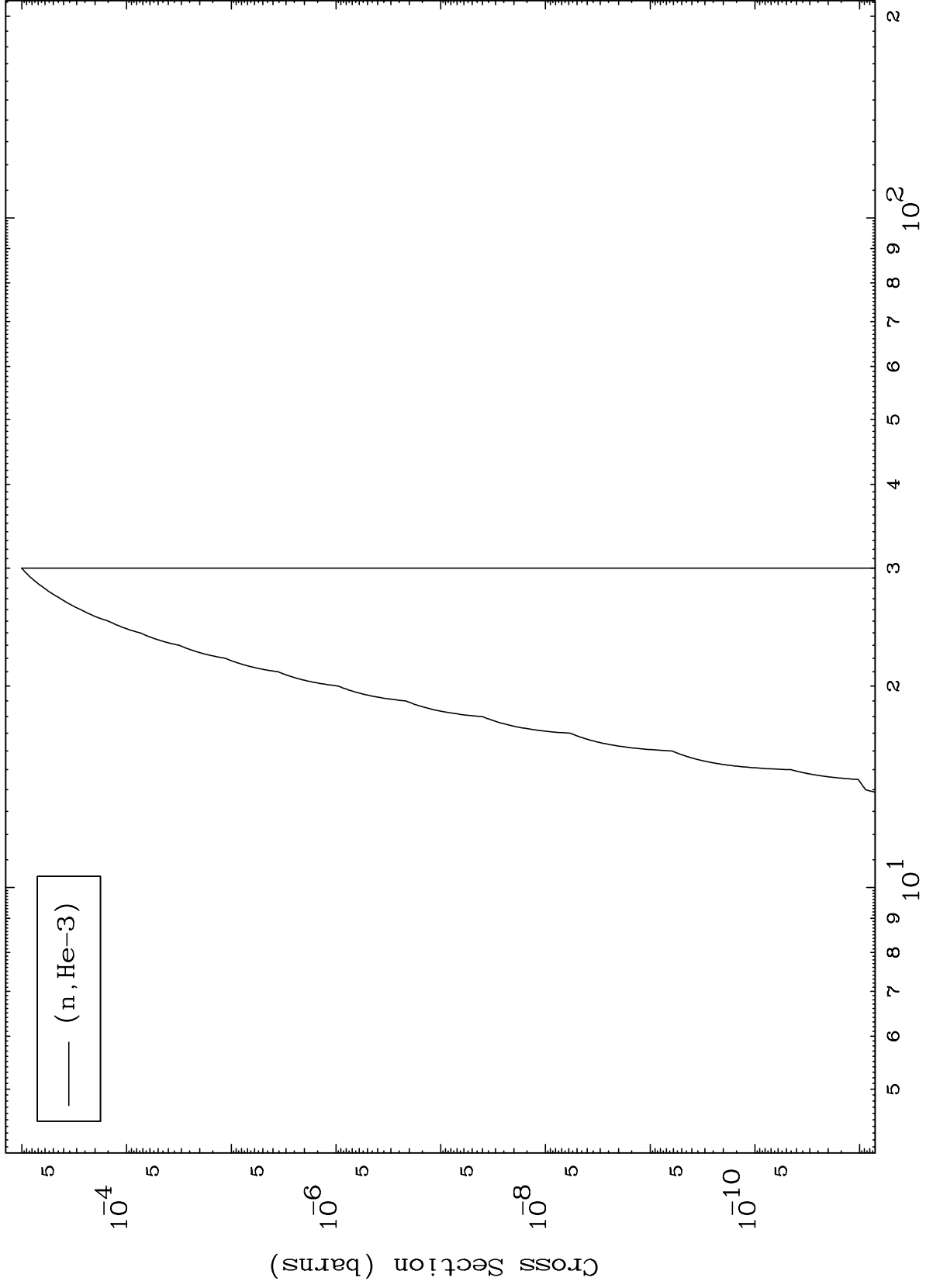
Incident Energy (MeV)

66-Dy-157

MAT 6628

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-157



13

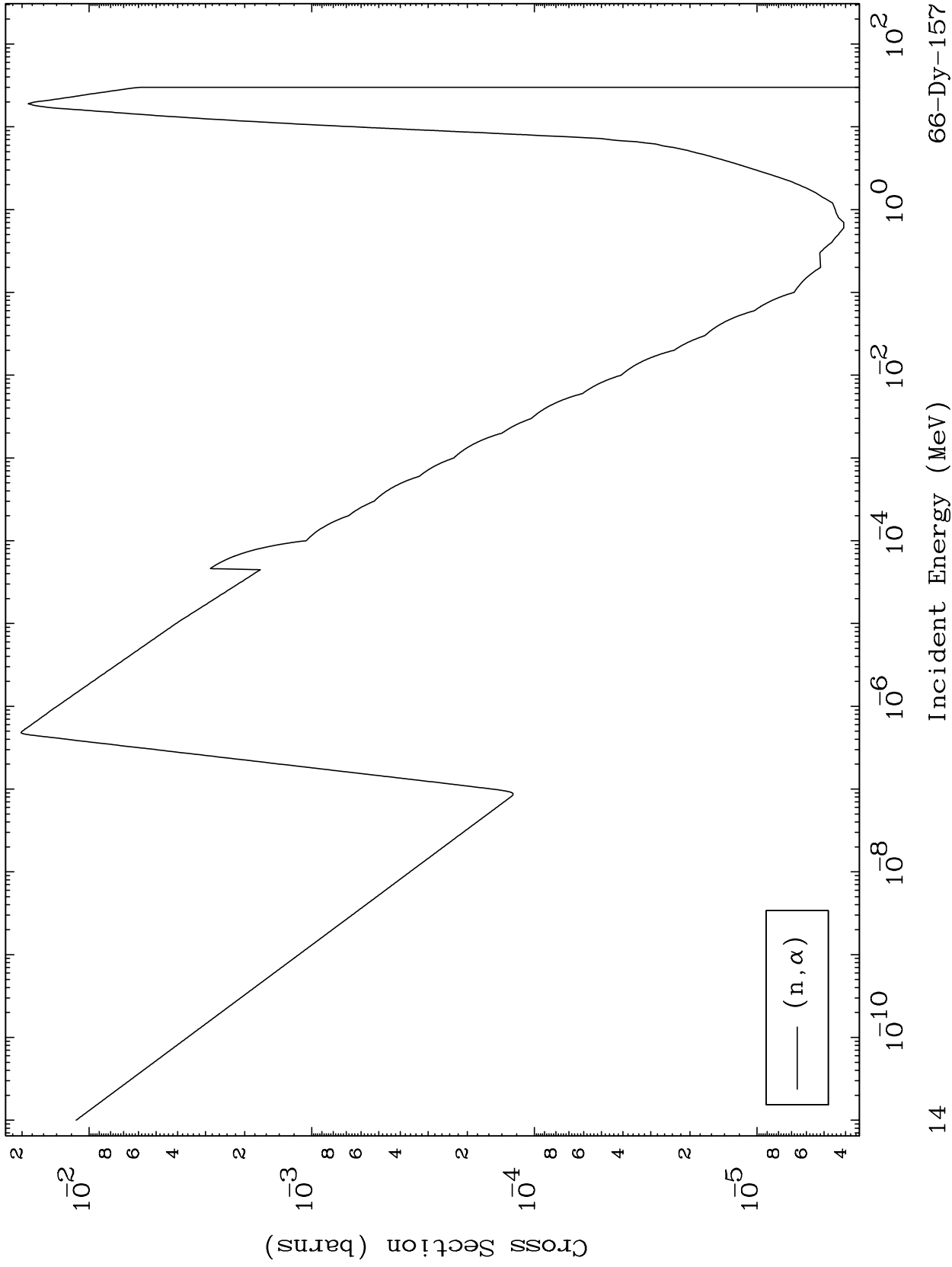
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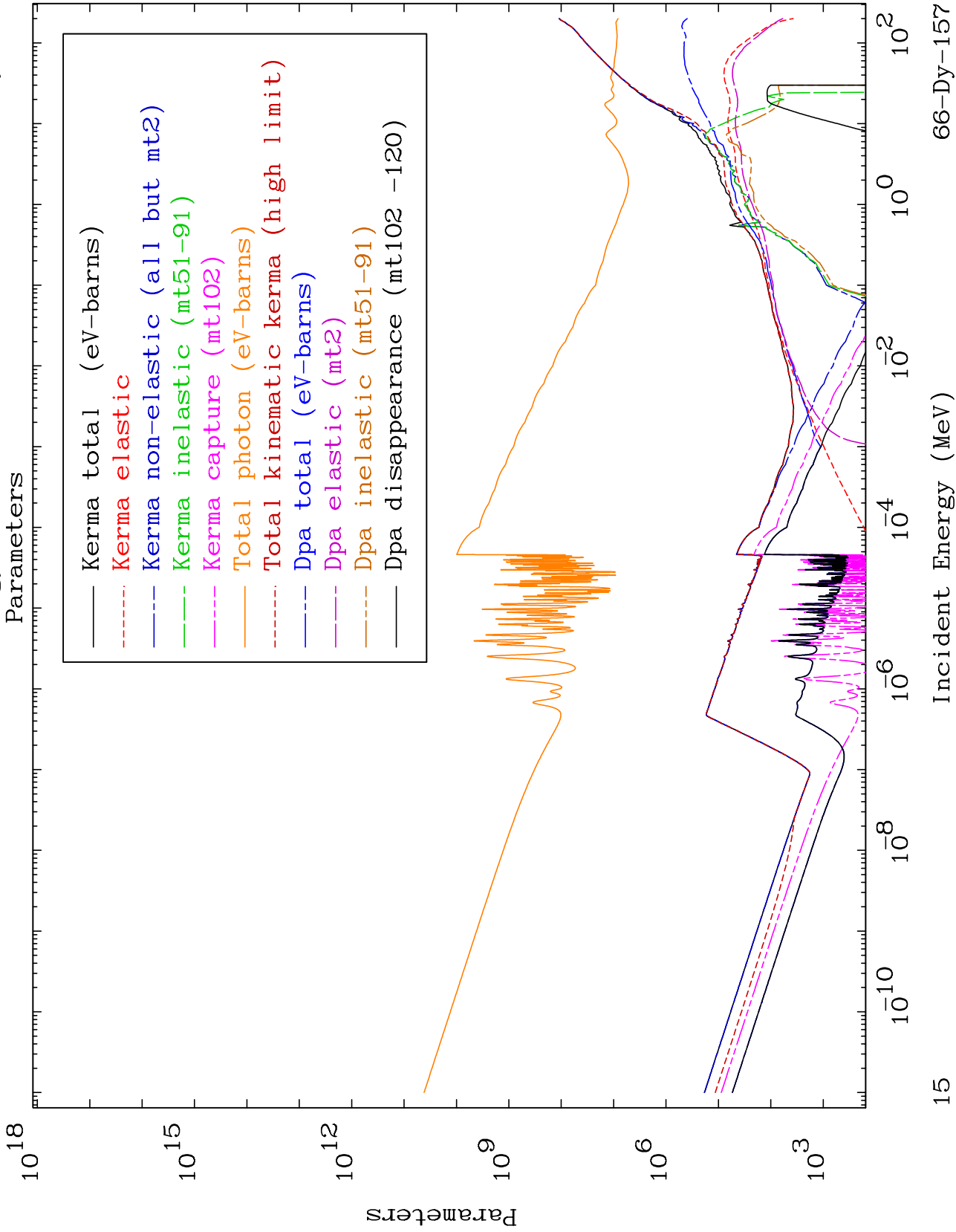
66-Dy-157

MAT 6628

(n,α) Levels
293 Kelvin Cross Sections

66-Dy-157

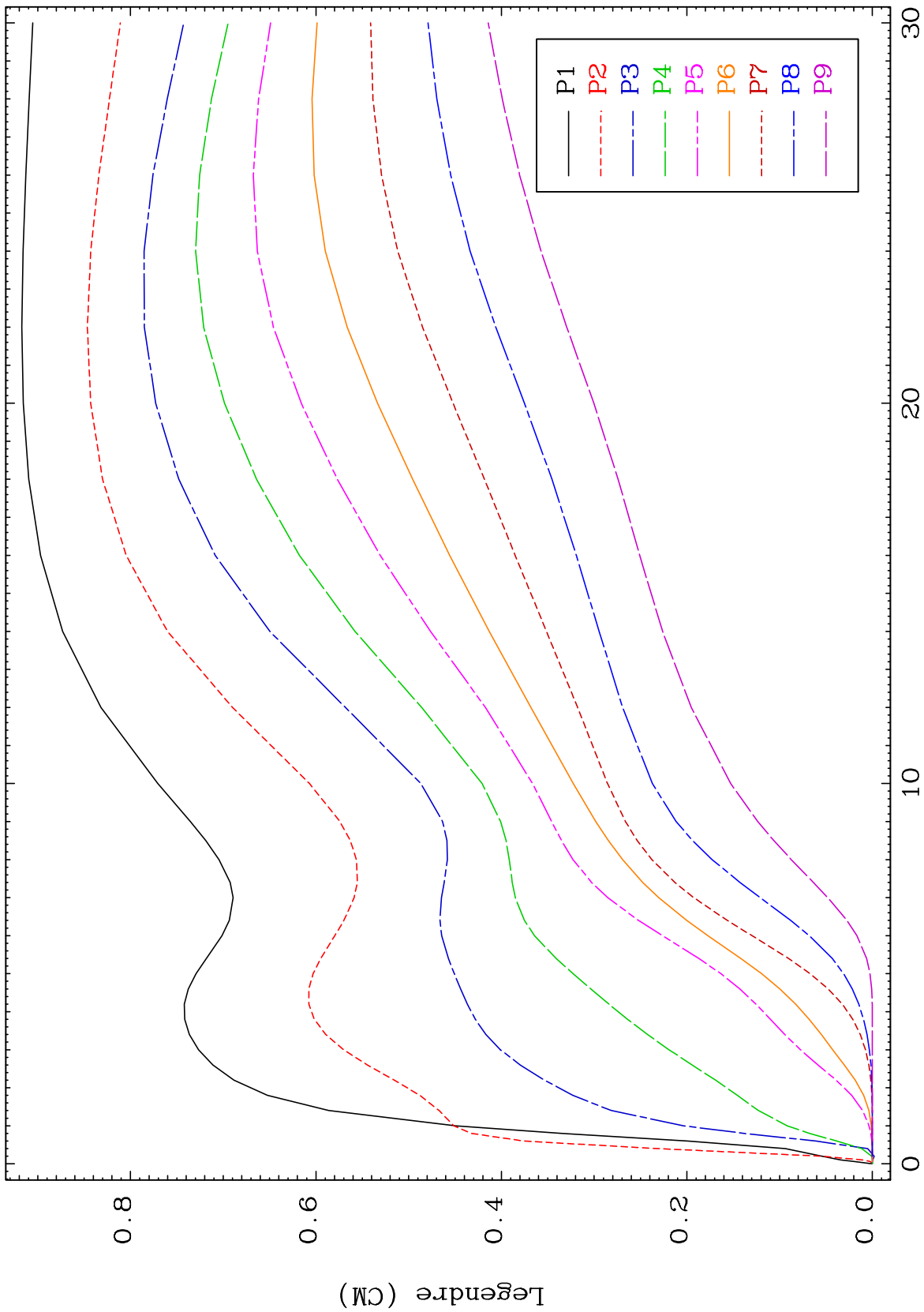




MAT 6628

Elastic Legendre Coefficients

66-Dy-157



16

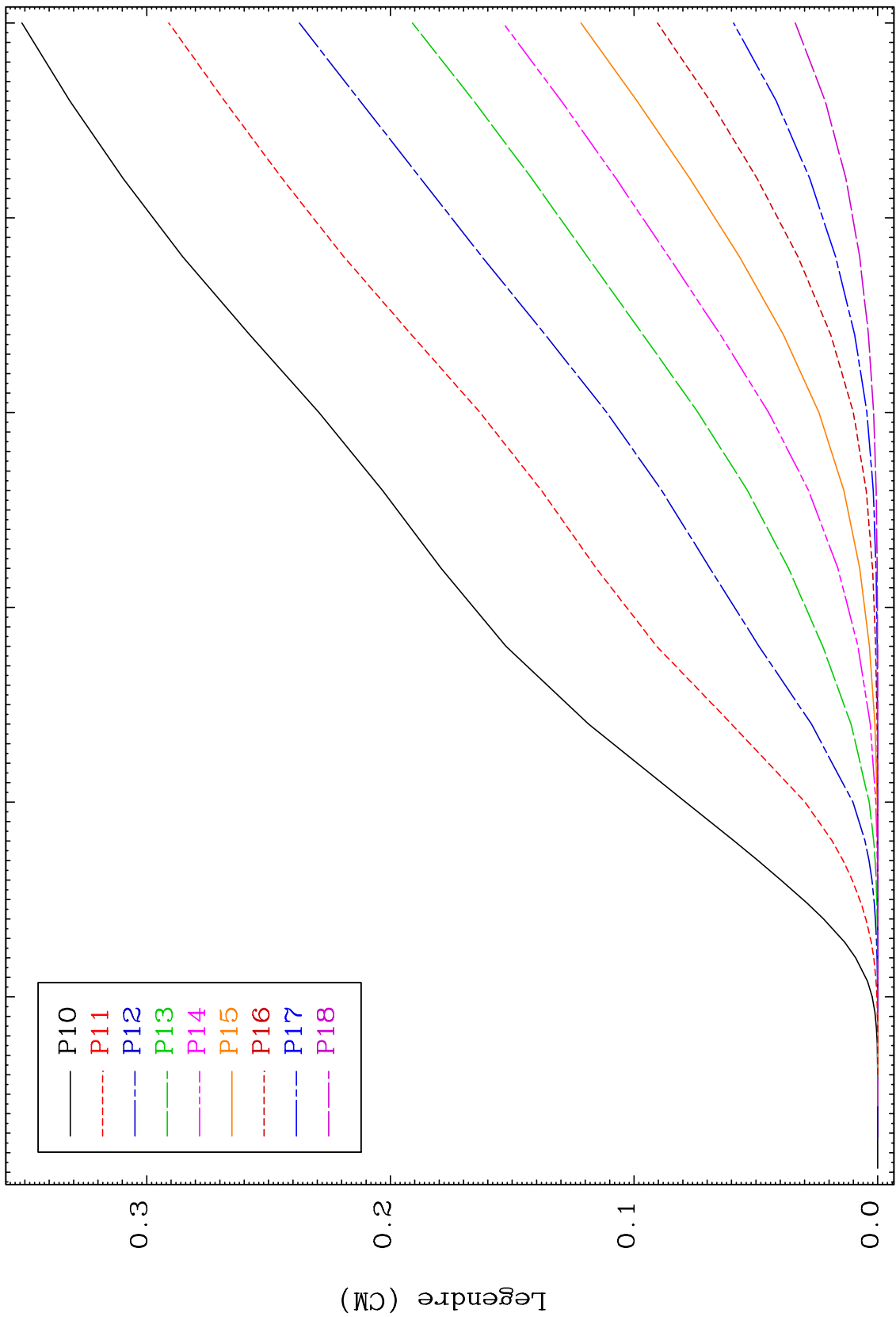
Incident Energy (MeV)

66-Dy-157

MAT 6628

Elastic Legendre Coefficients

66-Dy-157



17

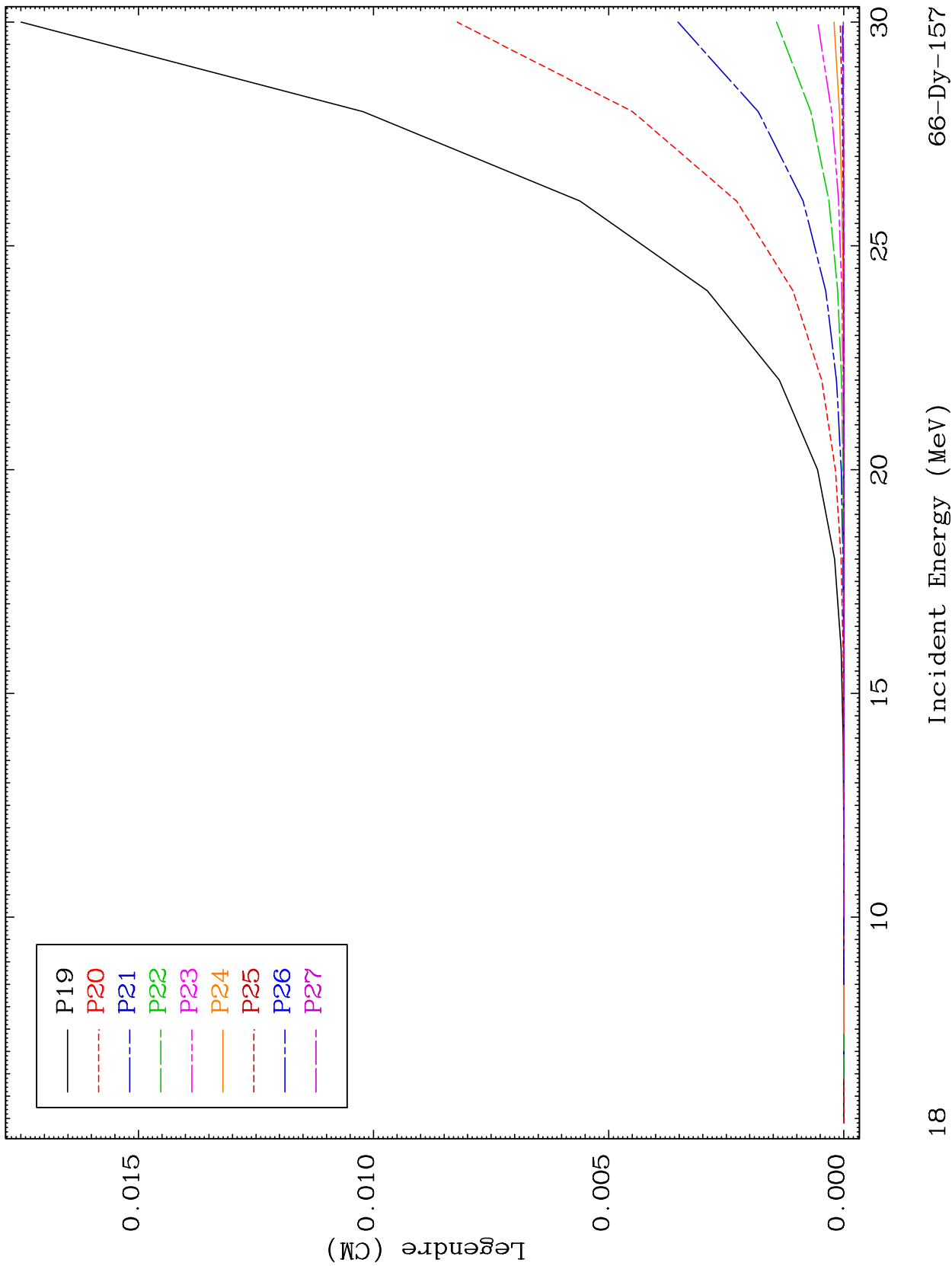
Incident Energy (MeV)

66-Dy-157

MAT 6628

Elastic Legendre Coefficients

66-Dy-157



18

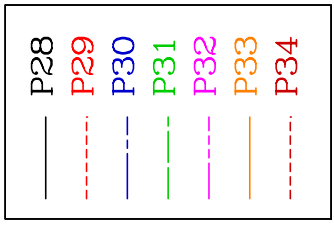
Incident Energy (MeV)

66-Dy-157

MAT 6628

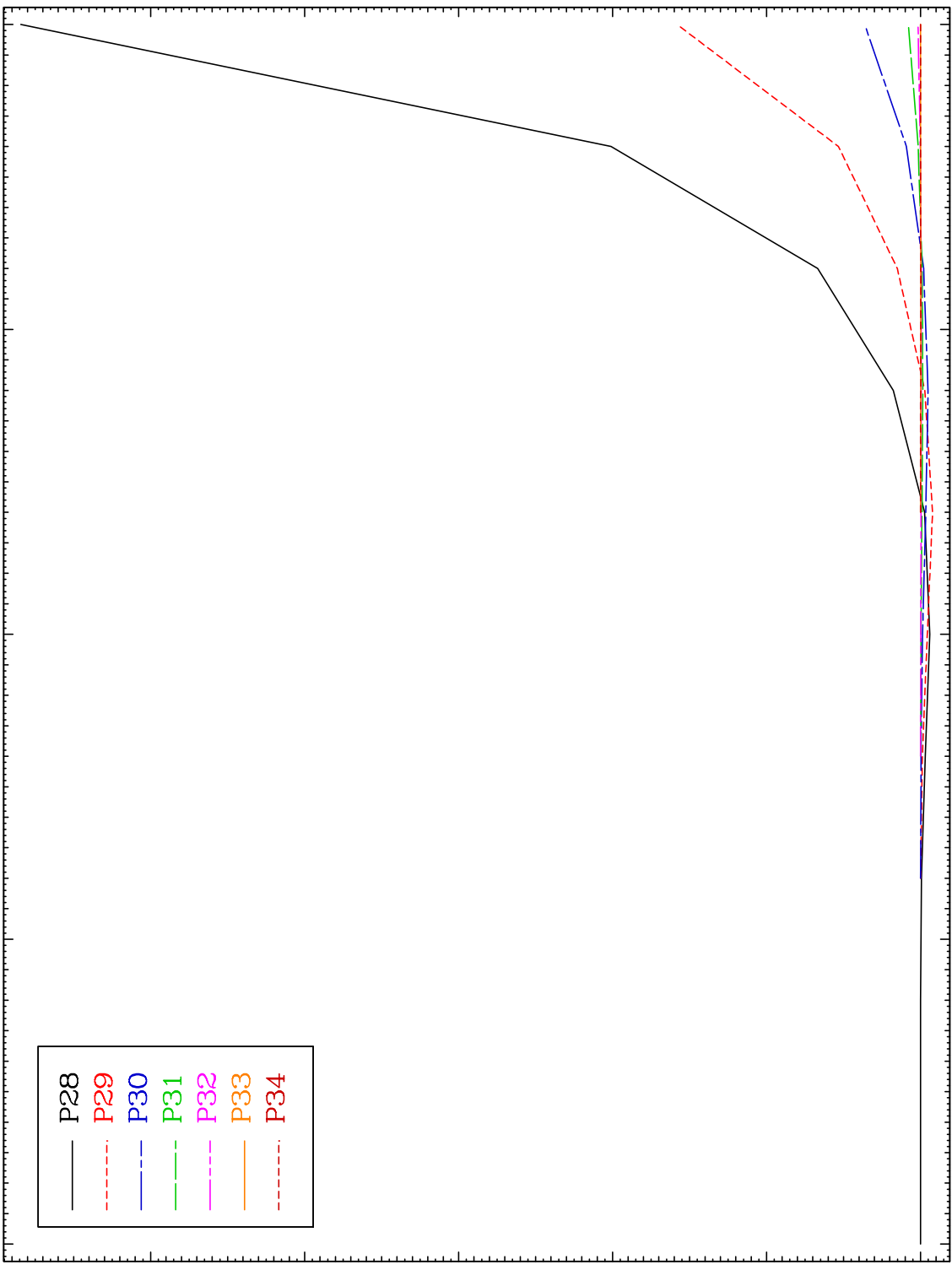
Elastic Legendre Coefficients

66-Dy-157



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

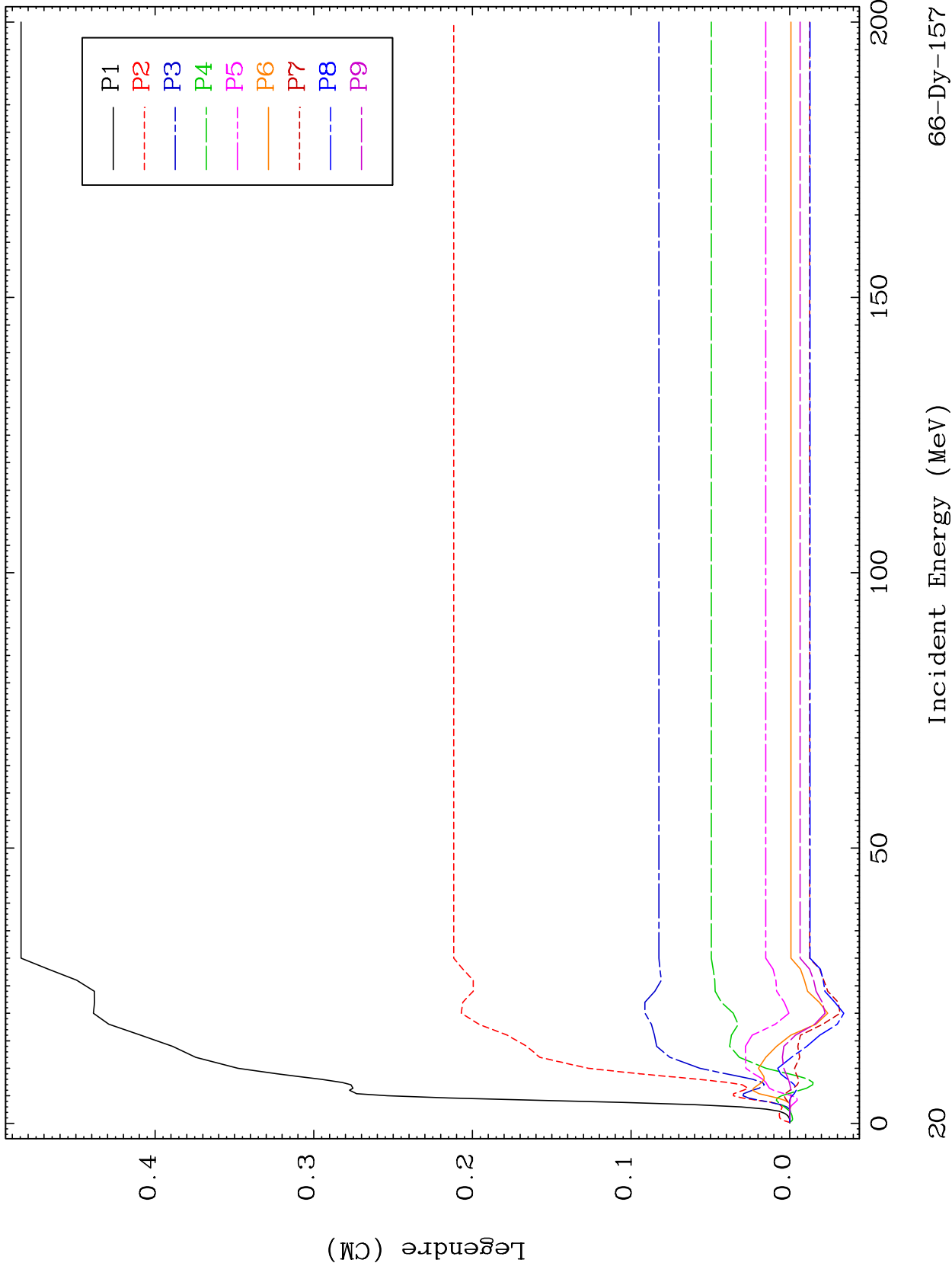
66-Dy-157

19

MAT 6628

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

66-Dy-157



66-Dy-157

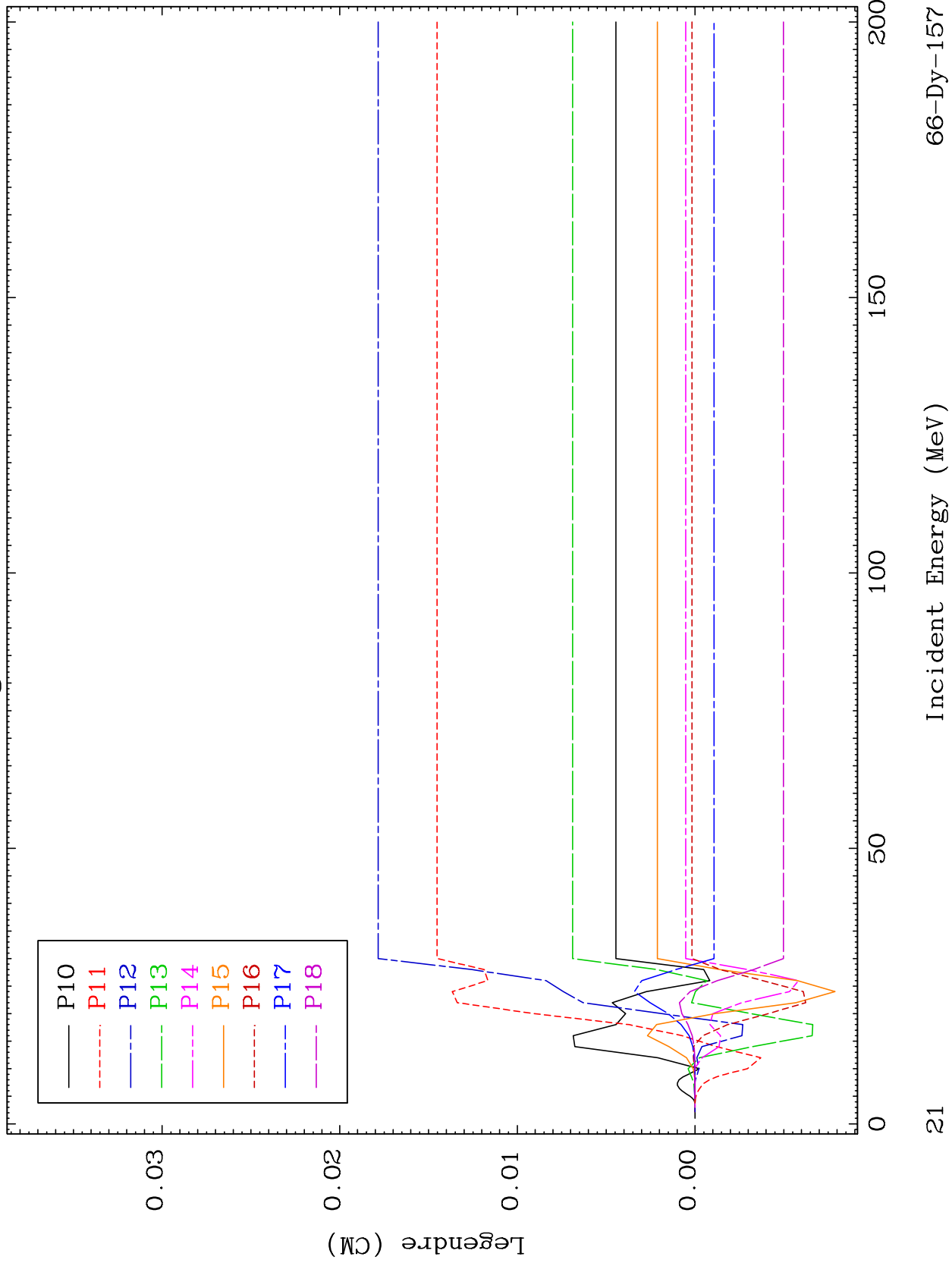
Incident Energy (MeV)

20

MAT 6628

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

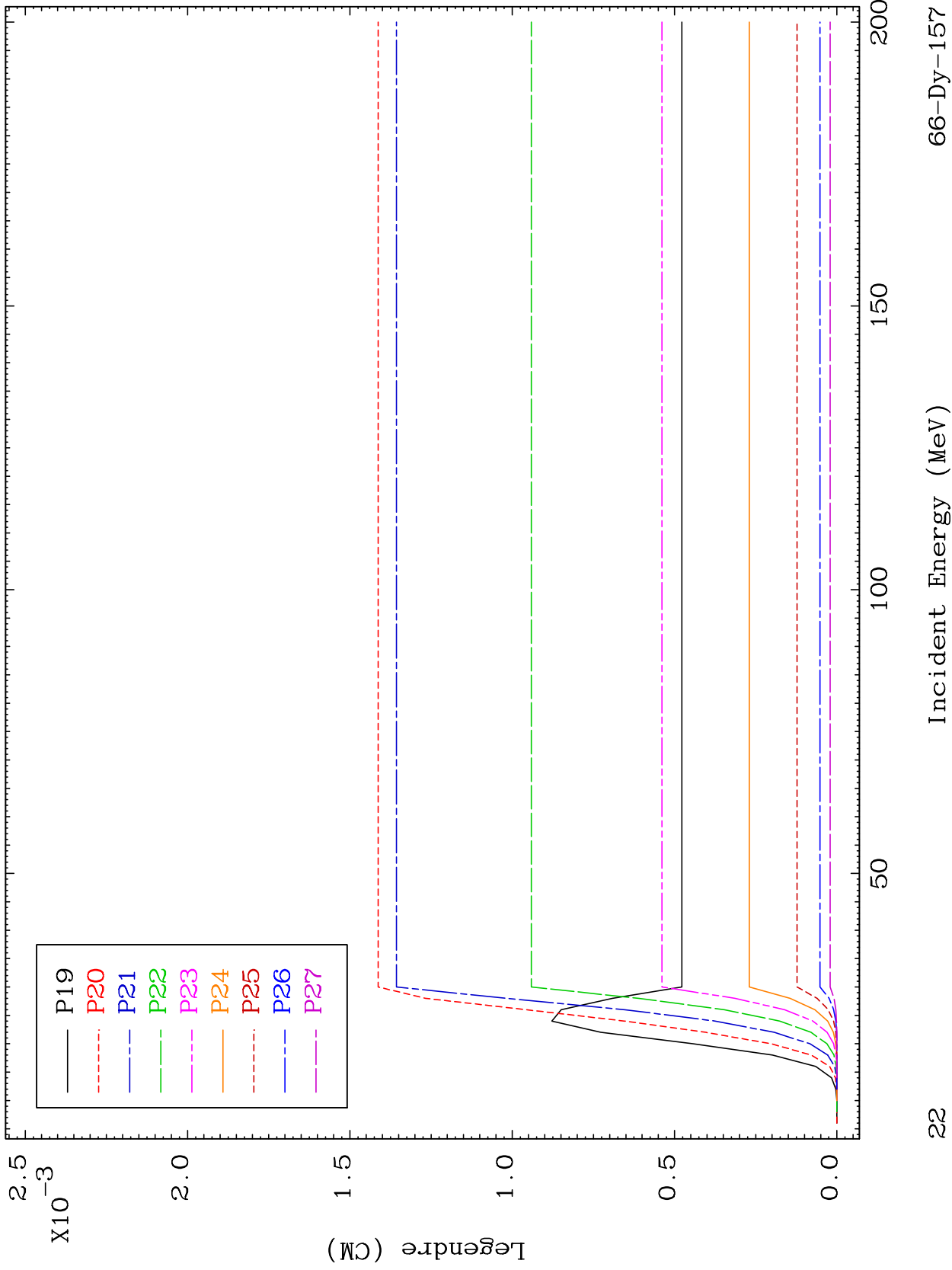
66-Dy-157



21

Incident Energy (MeV)

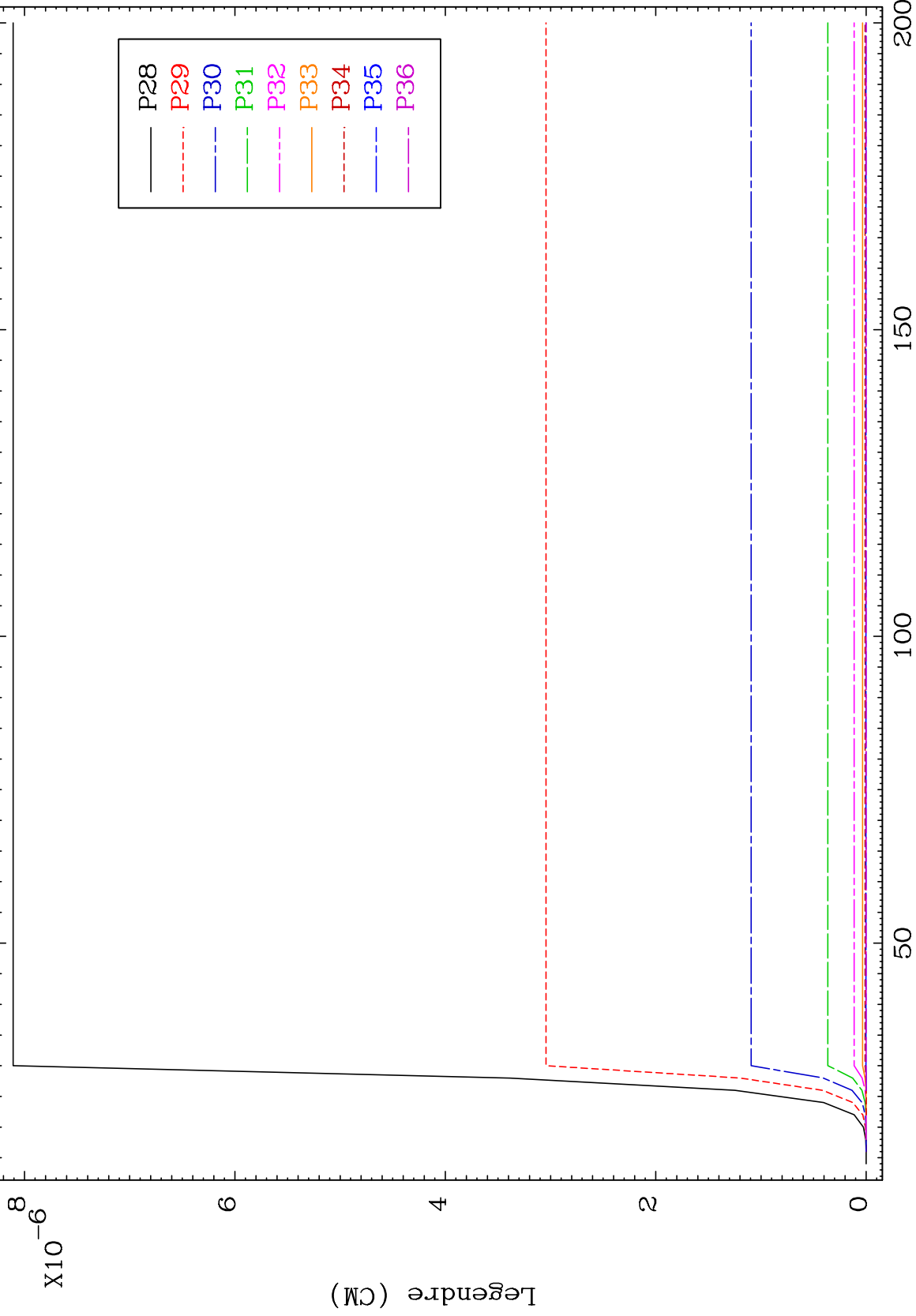
66-Dy-157



MAT 6628

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

66-Dy-157



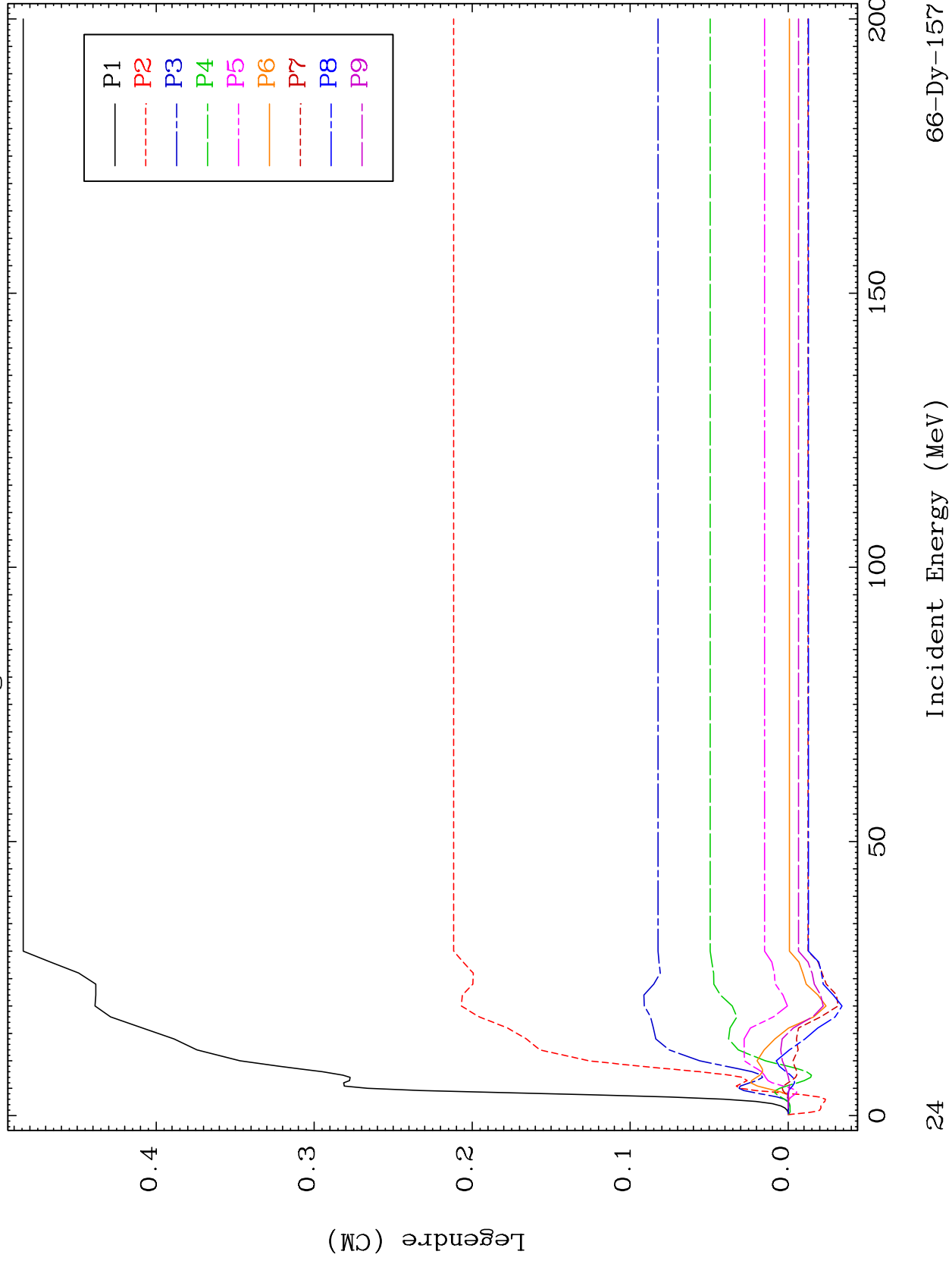
23

66-Dy-157

MAT 6628

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

66-Dy-157



66-Dy-157

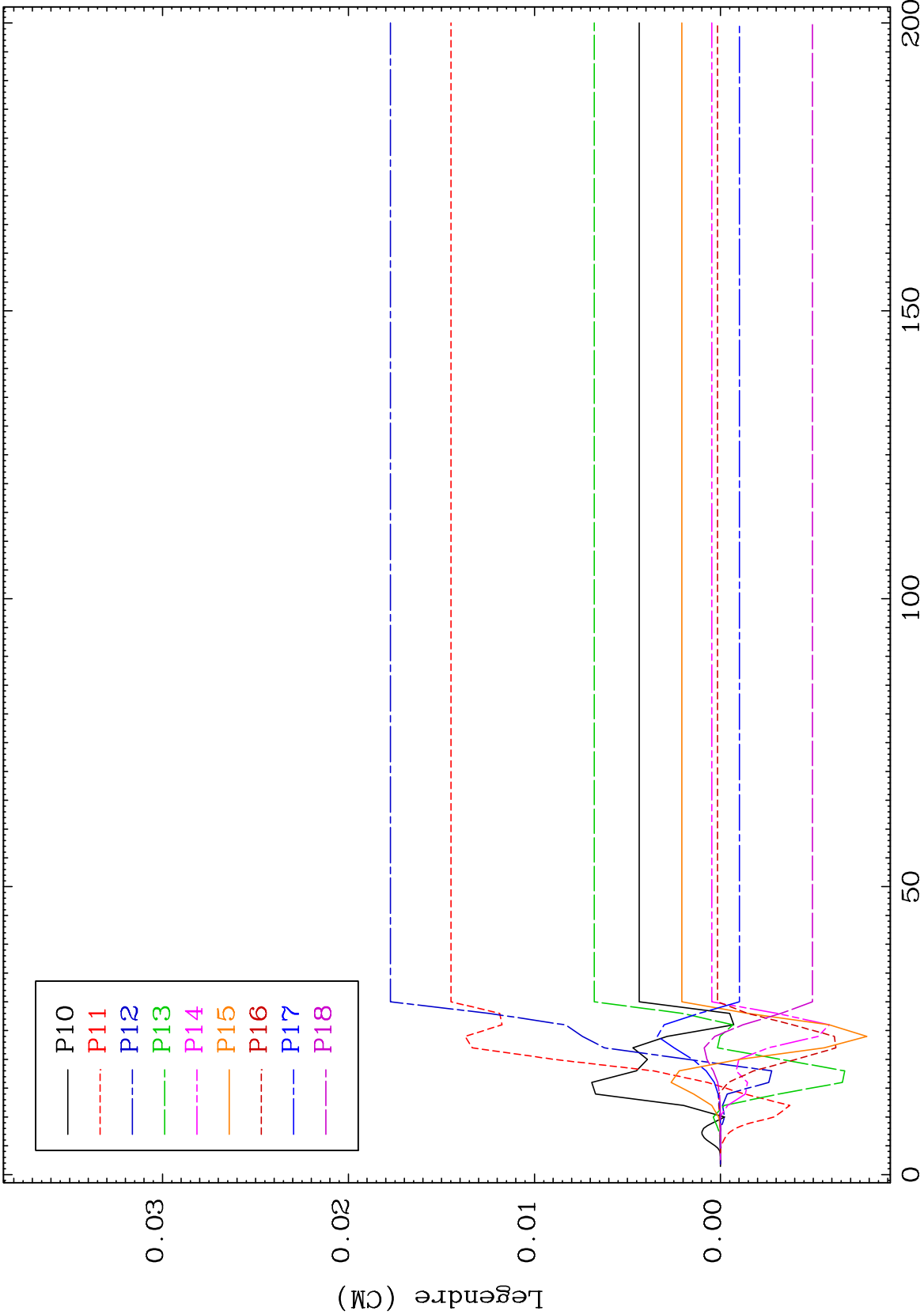
Incident Energy (MeV)

24

MAT 6628

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

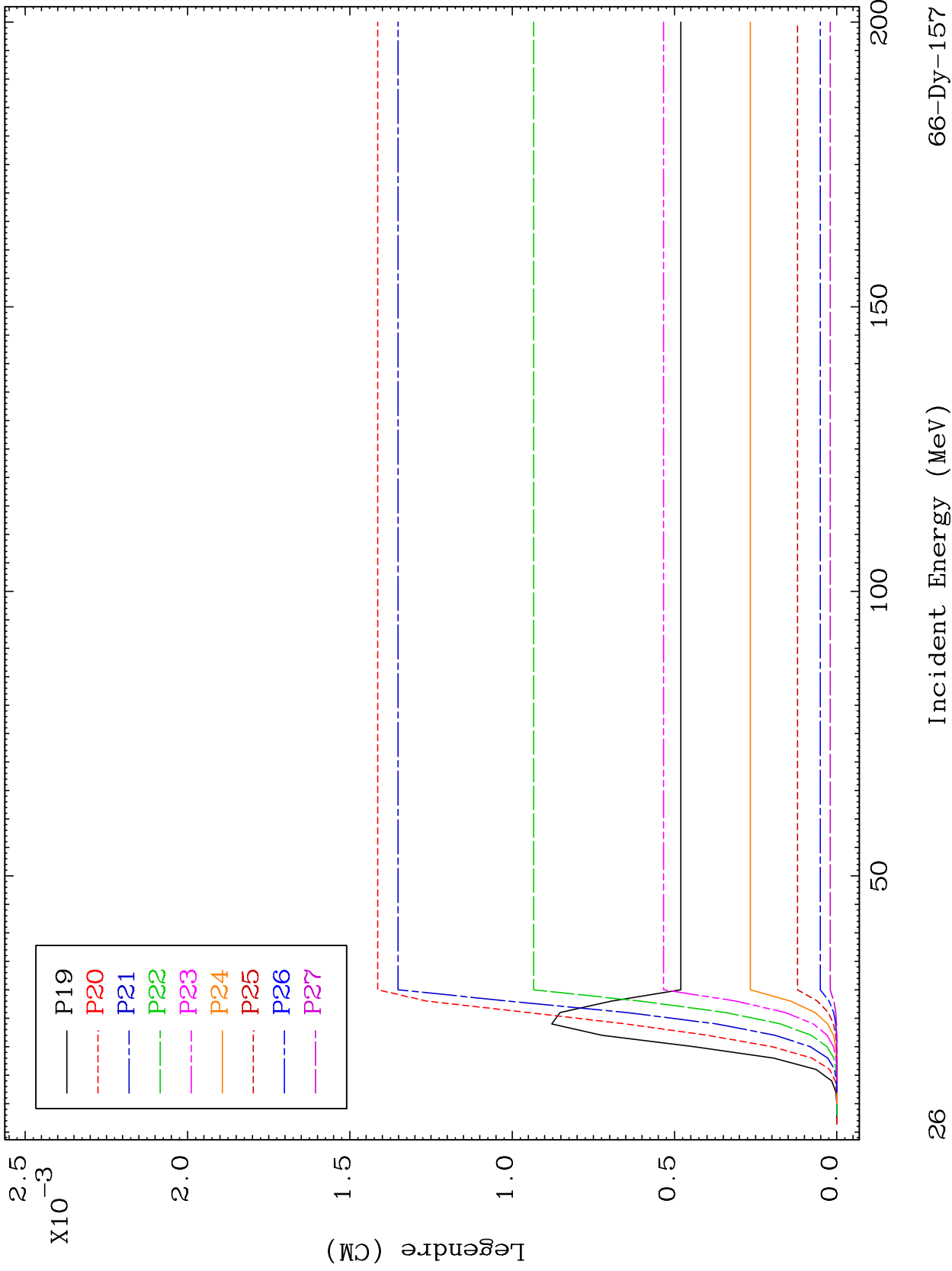
66-Dy-157



25

Incident Energy (MeV)

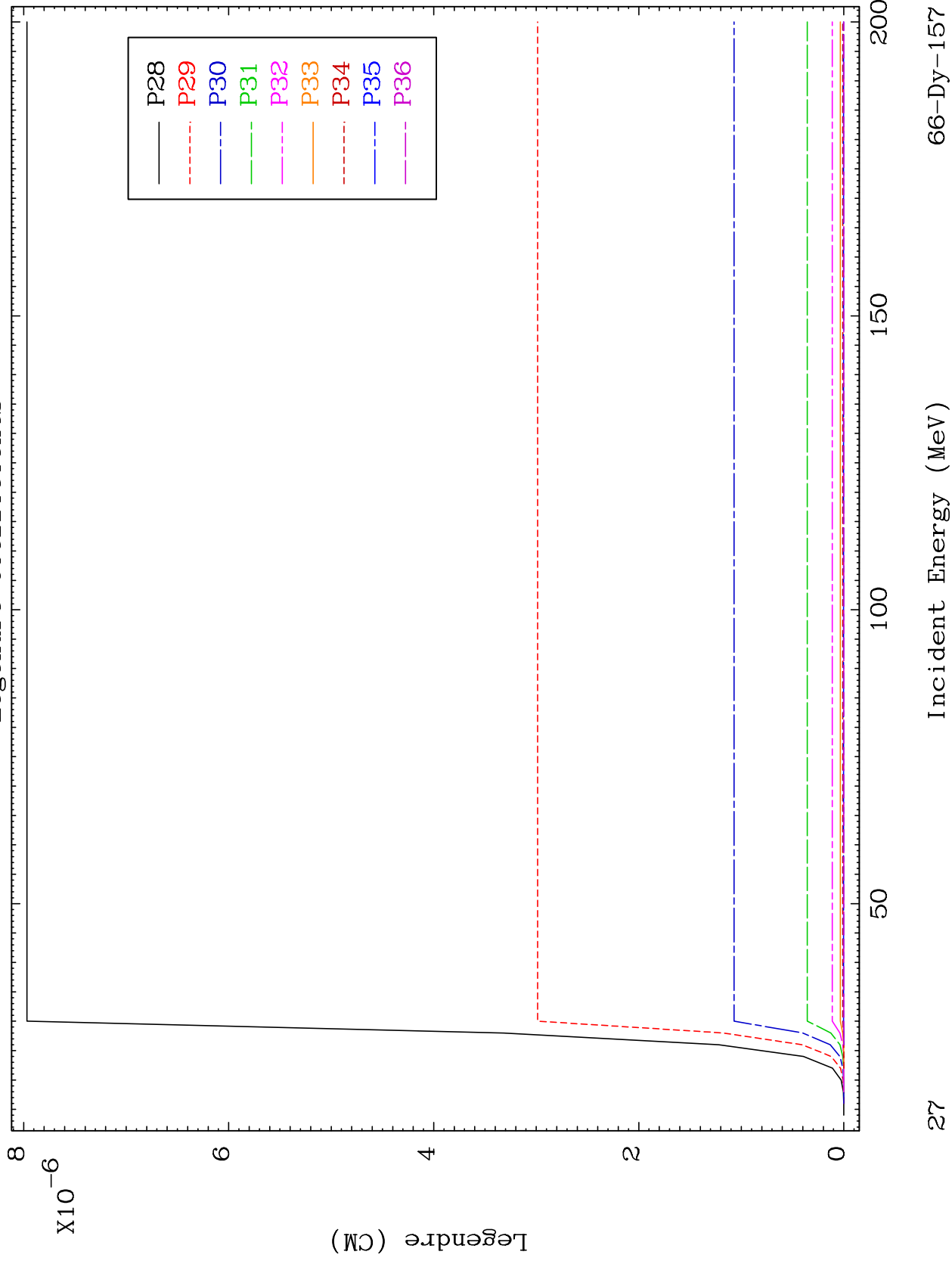
66-Dy-157



MAT 6628

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

66-Dy-157



27

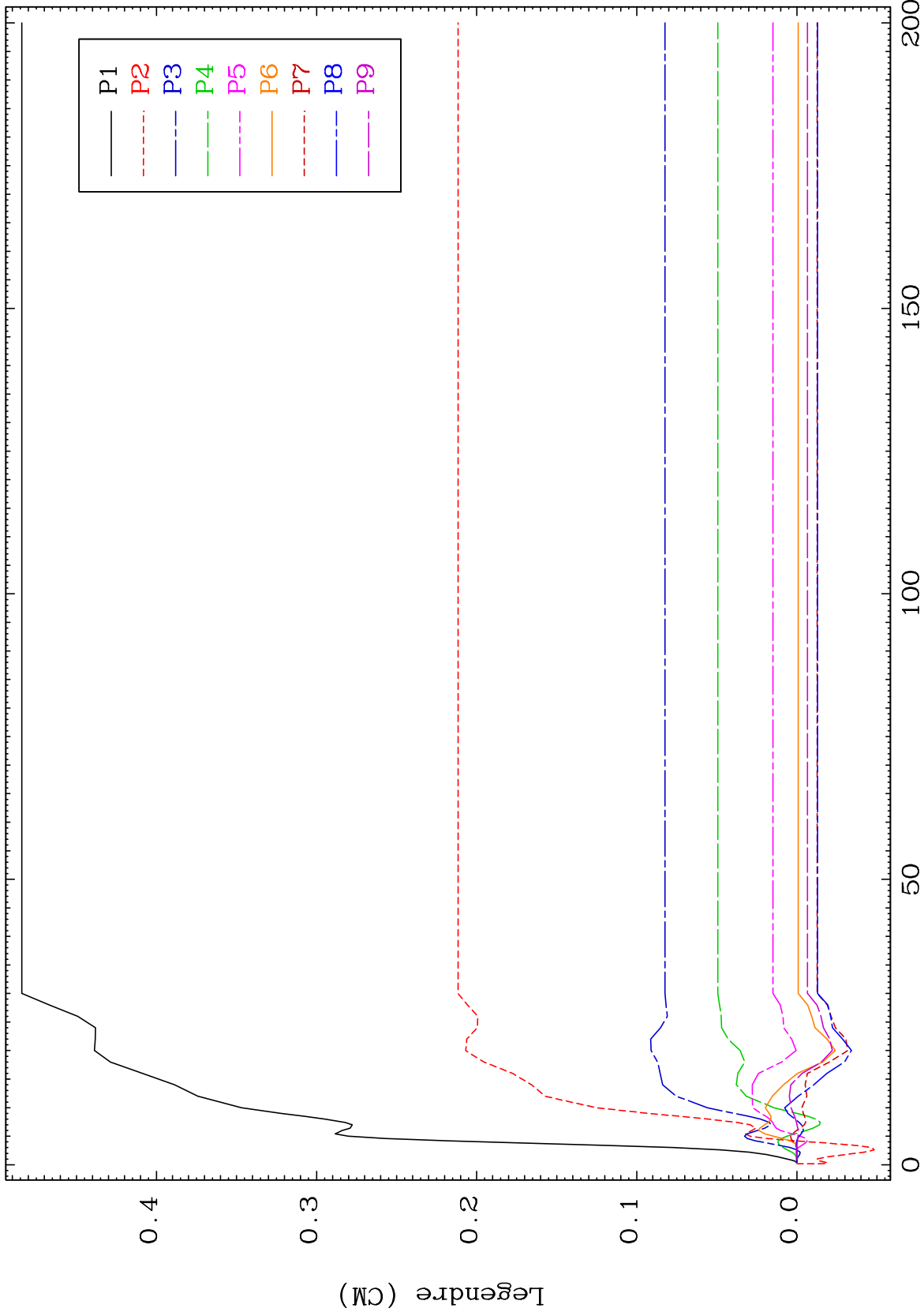
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



28

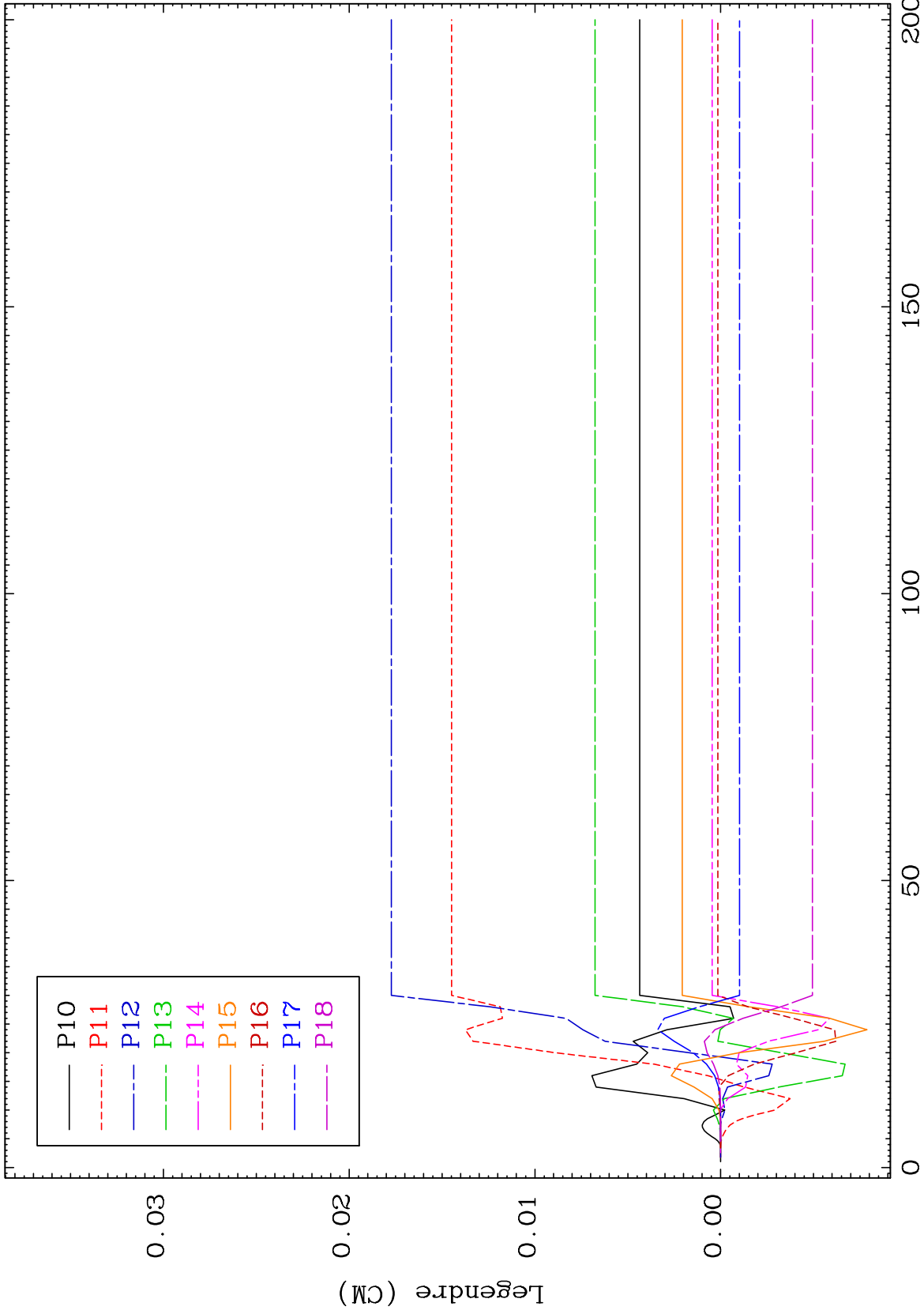
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



29

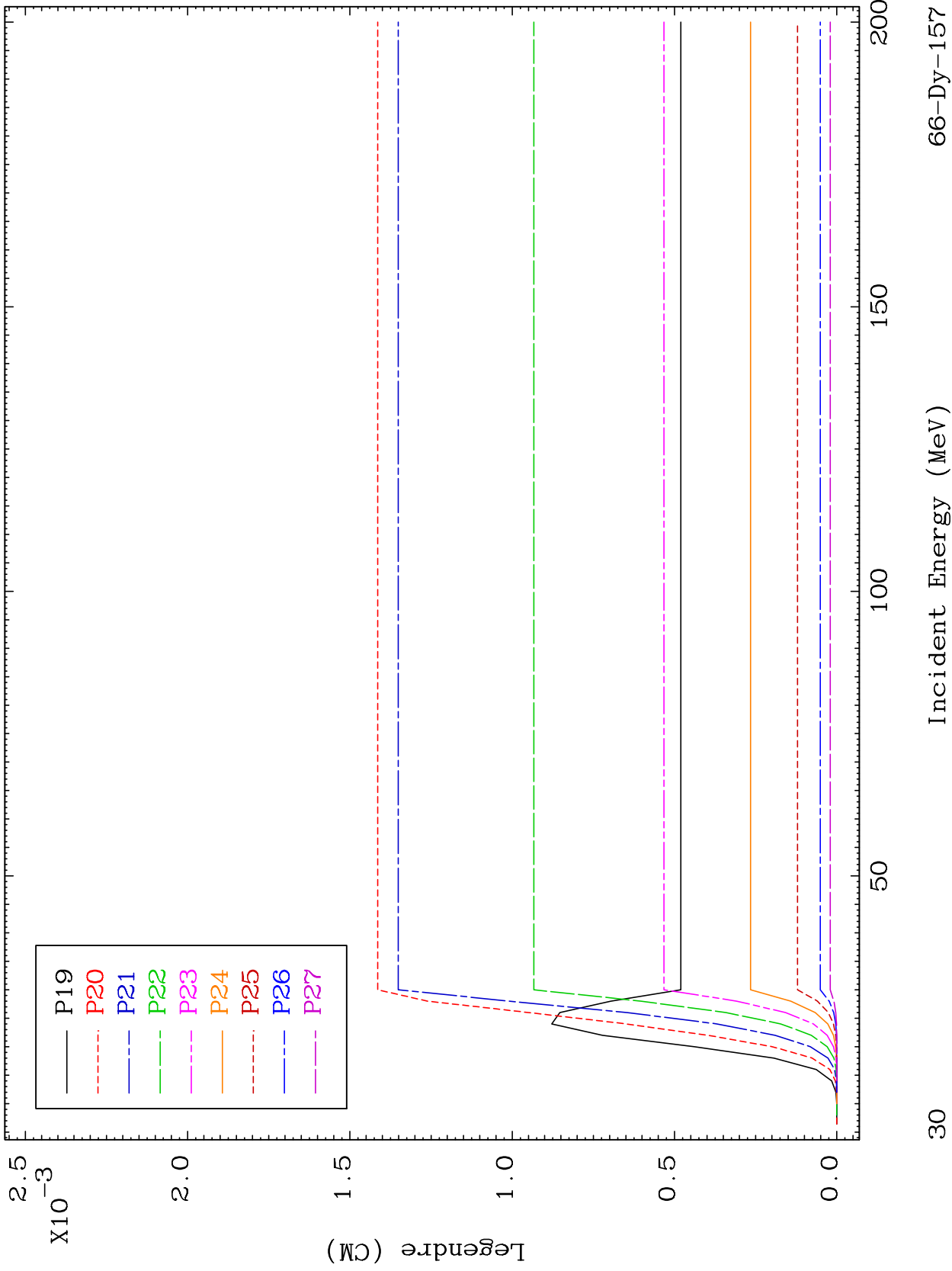
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



66-Dy-157

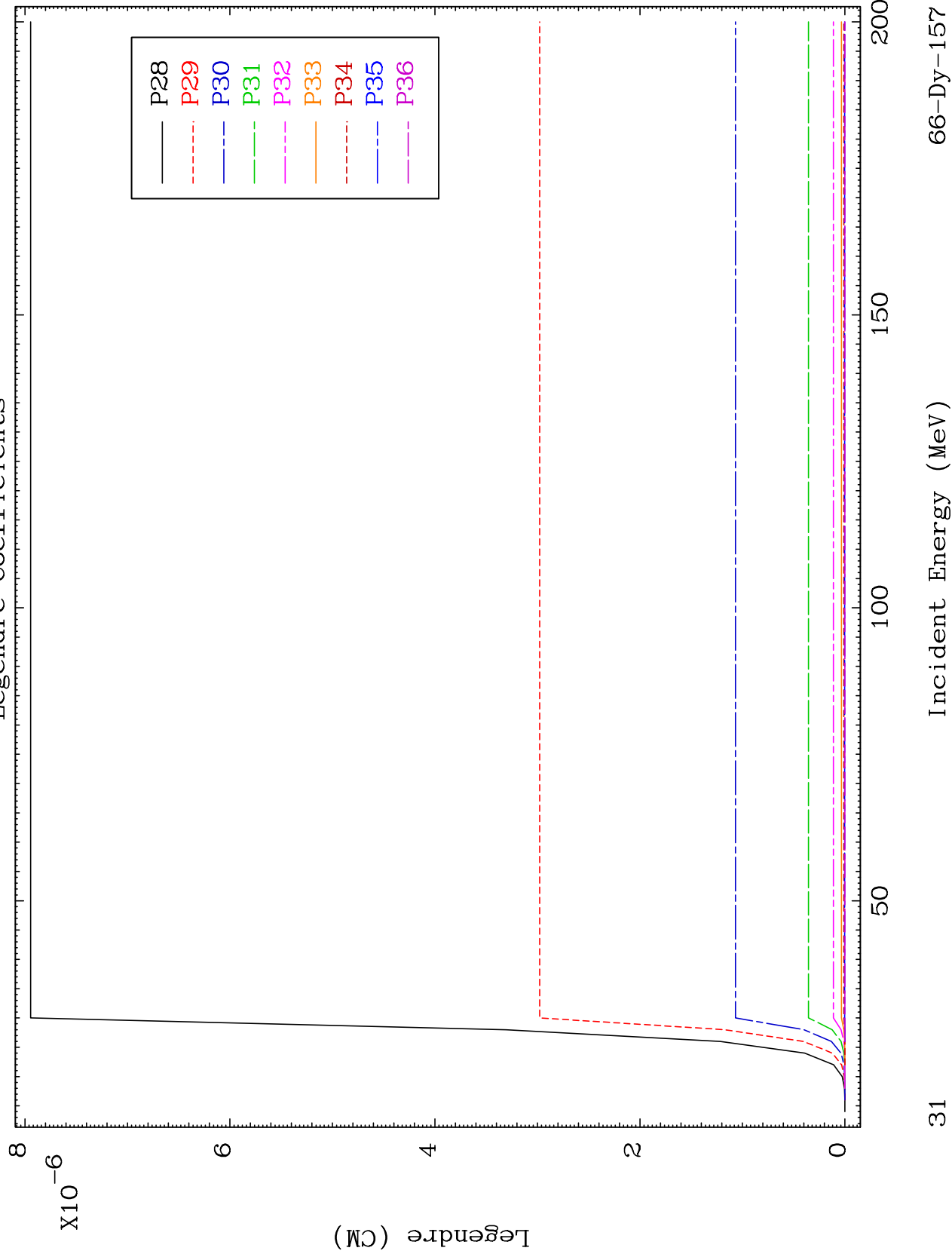
Incident Energy (MeV)

30

MAT 6628

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

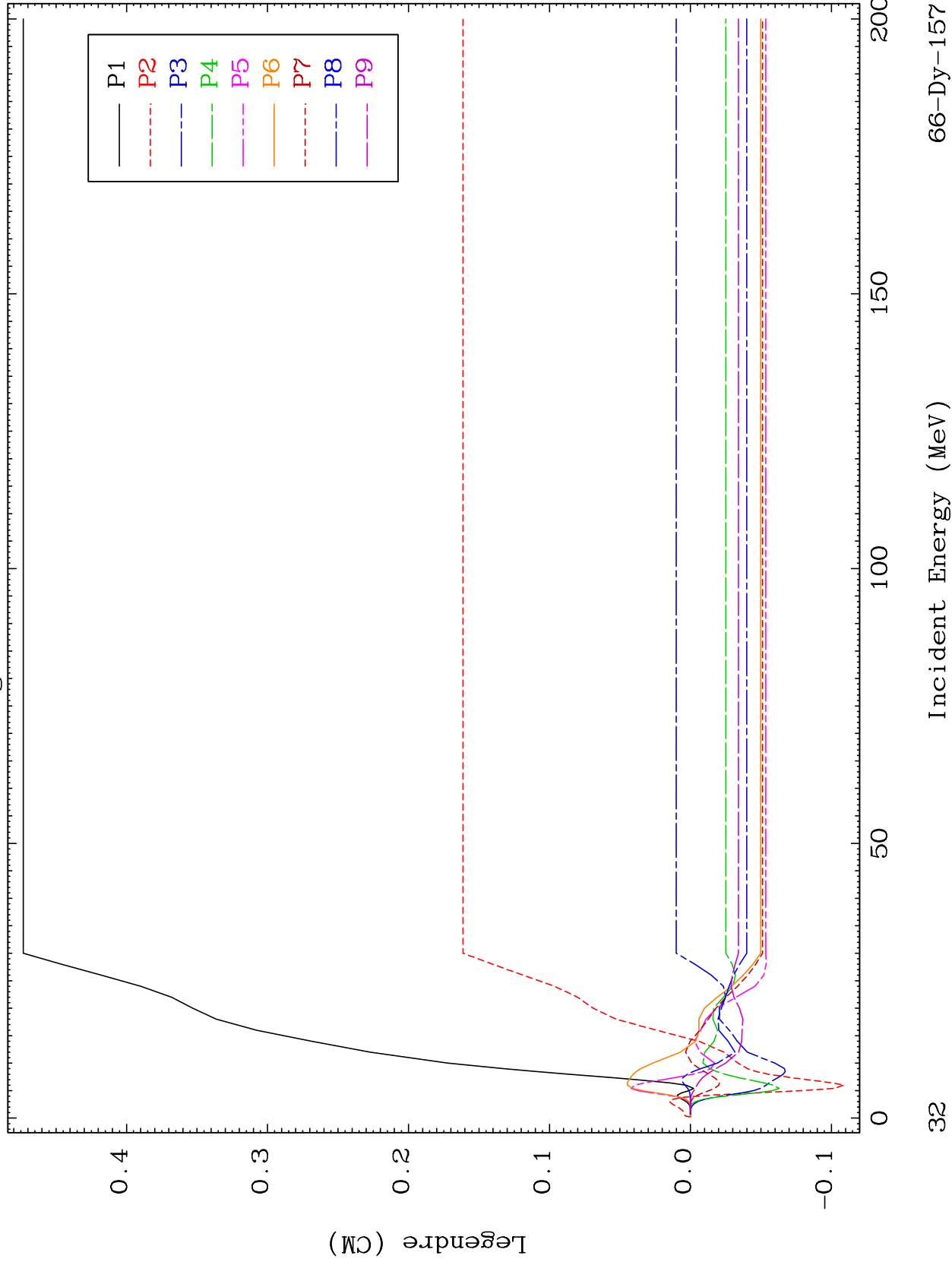
66-Dy-157



MAT 6628

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

66-Dy-157



66-Dy-157

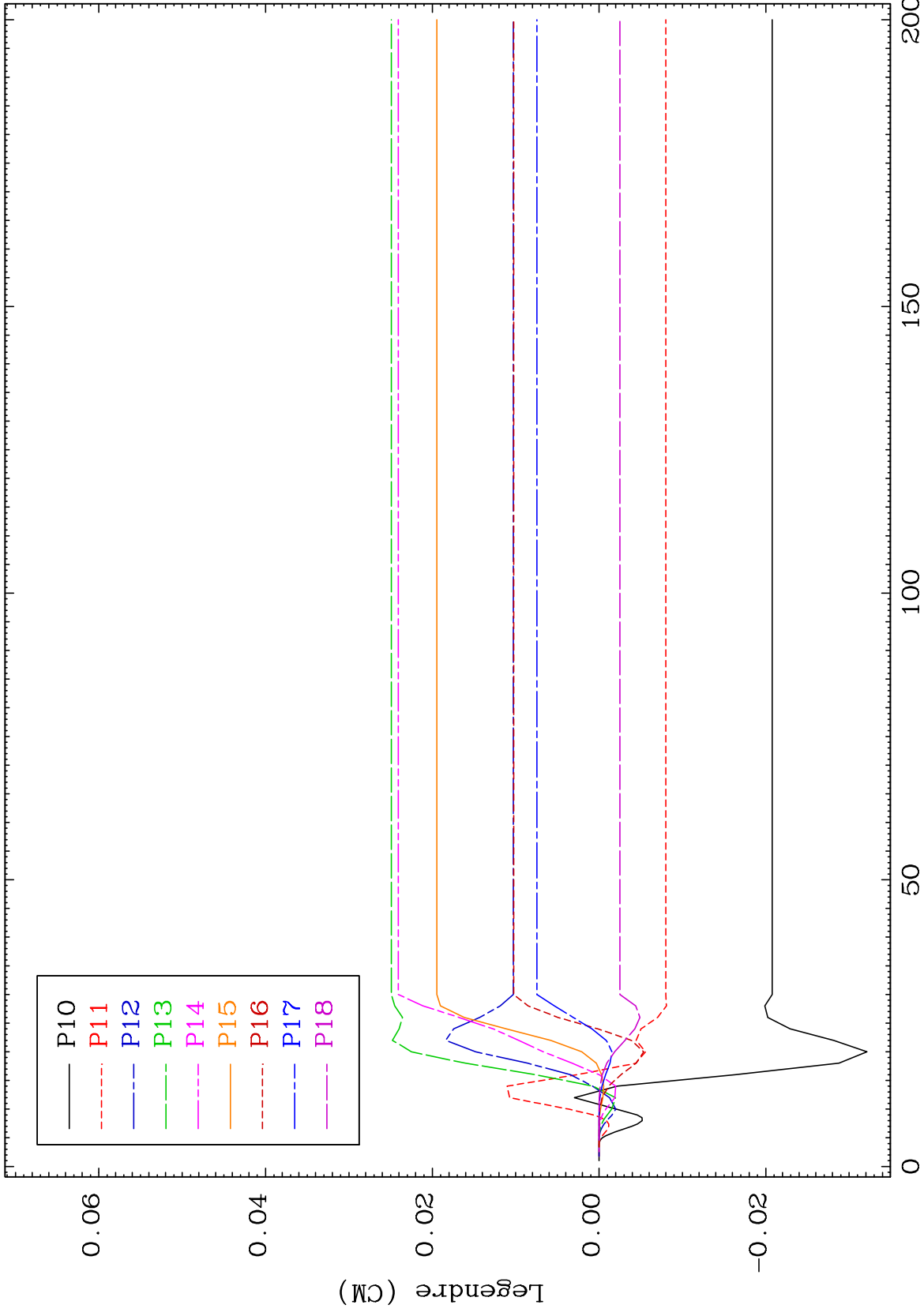
Incident Energy (MeV)

32

MAT 6628

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

66-Dy-157



33

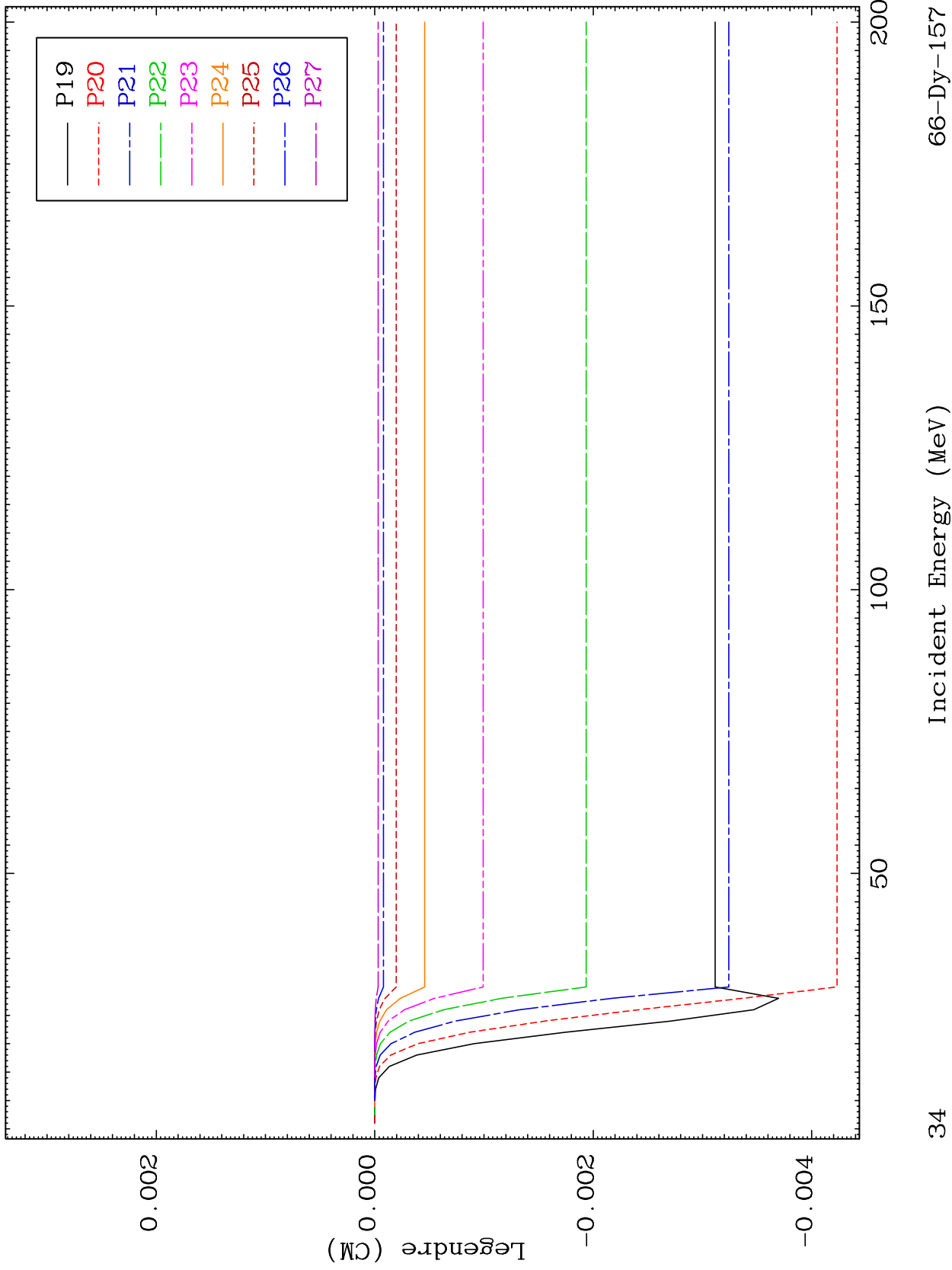
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

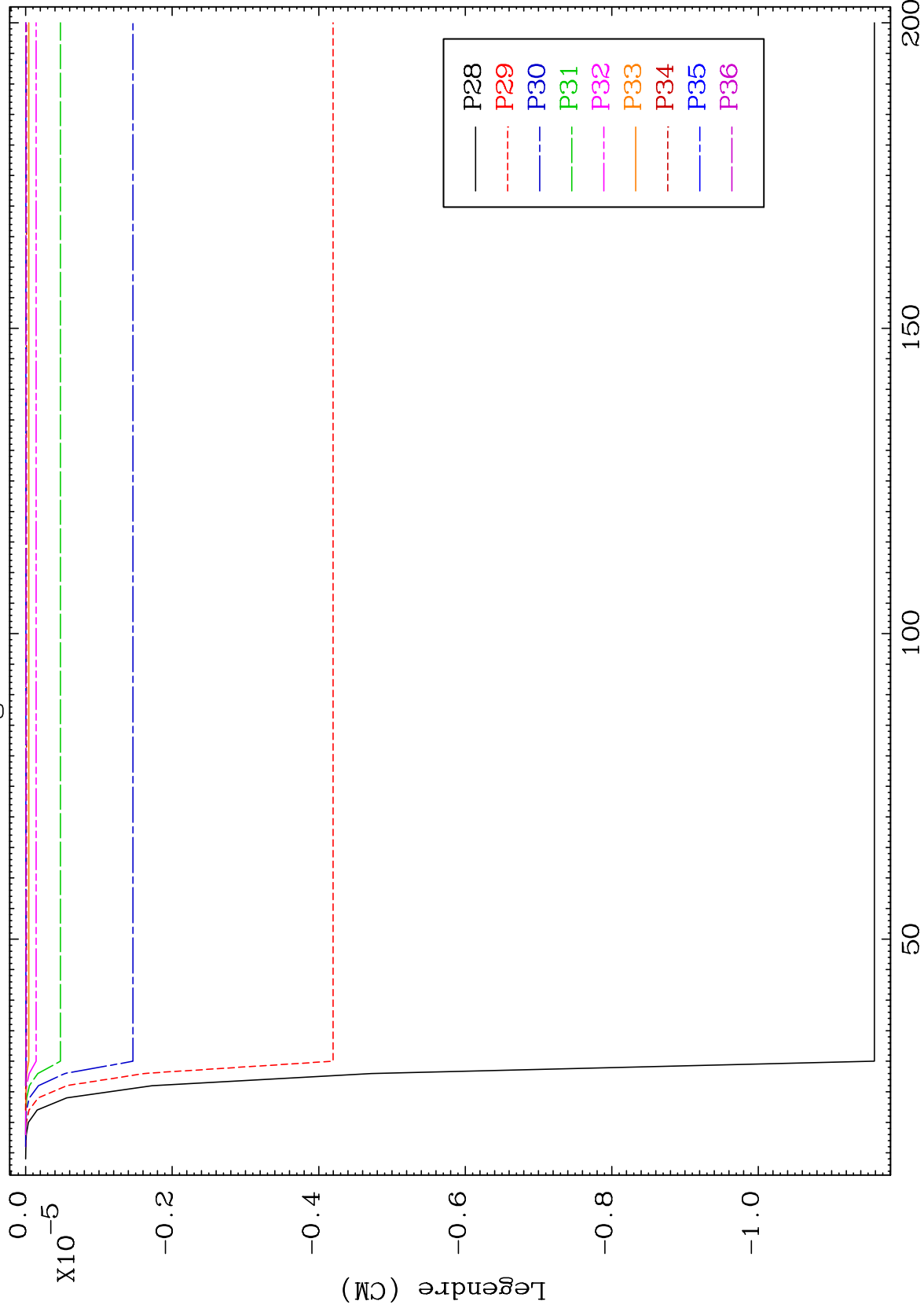
66-Dy-157



MAT 6628

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

66-Dy-157



35

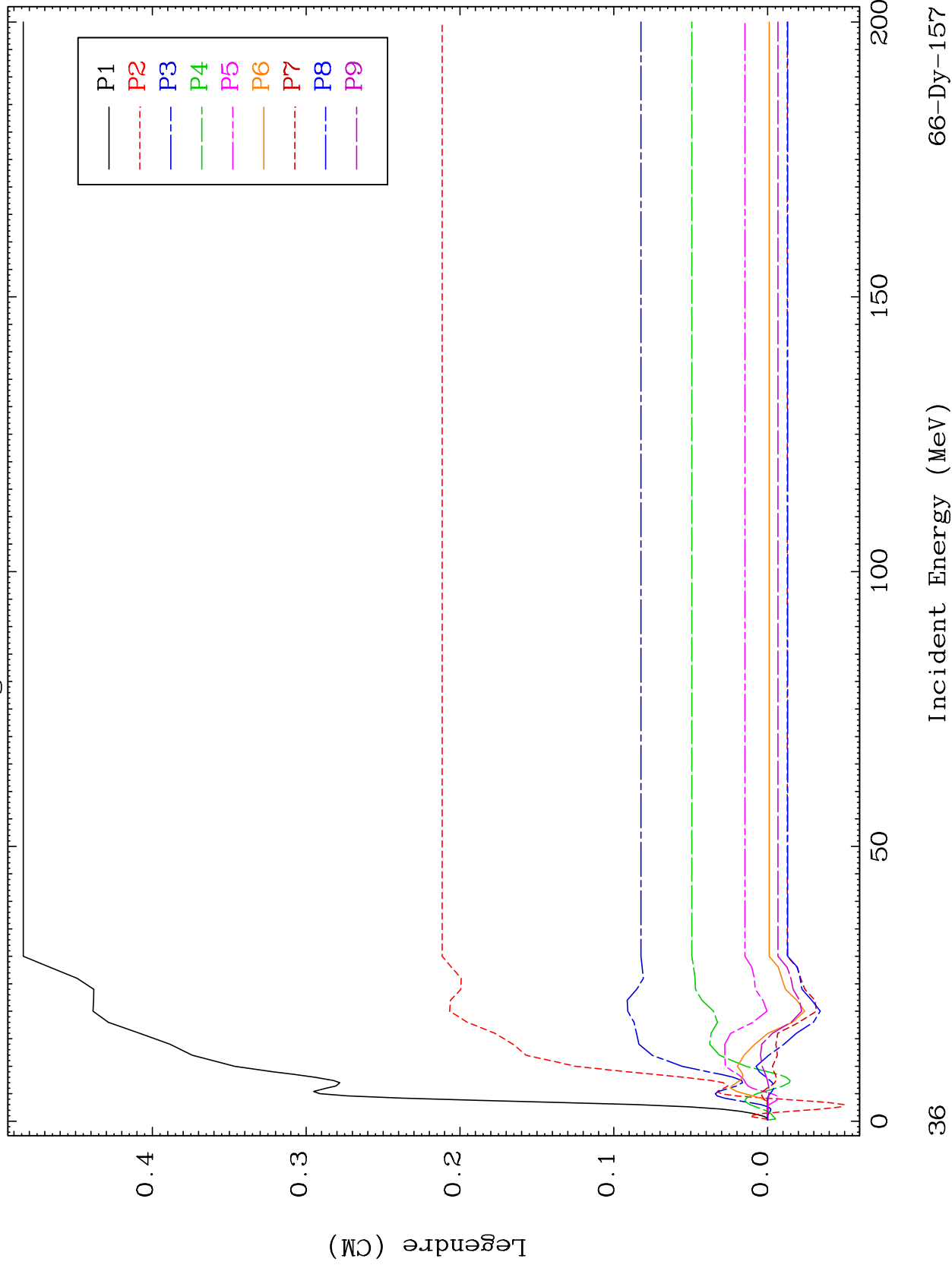
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



66-Dy-157

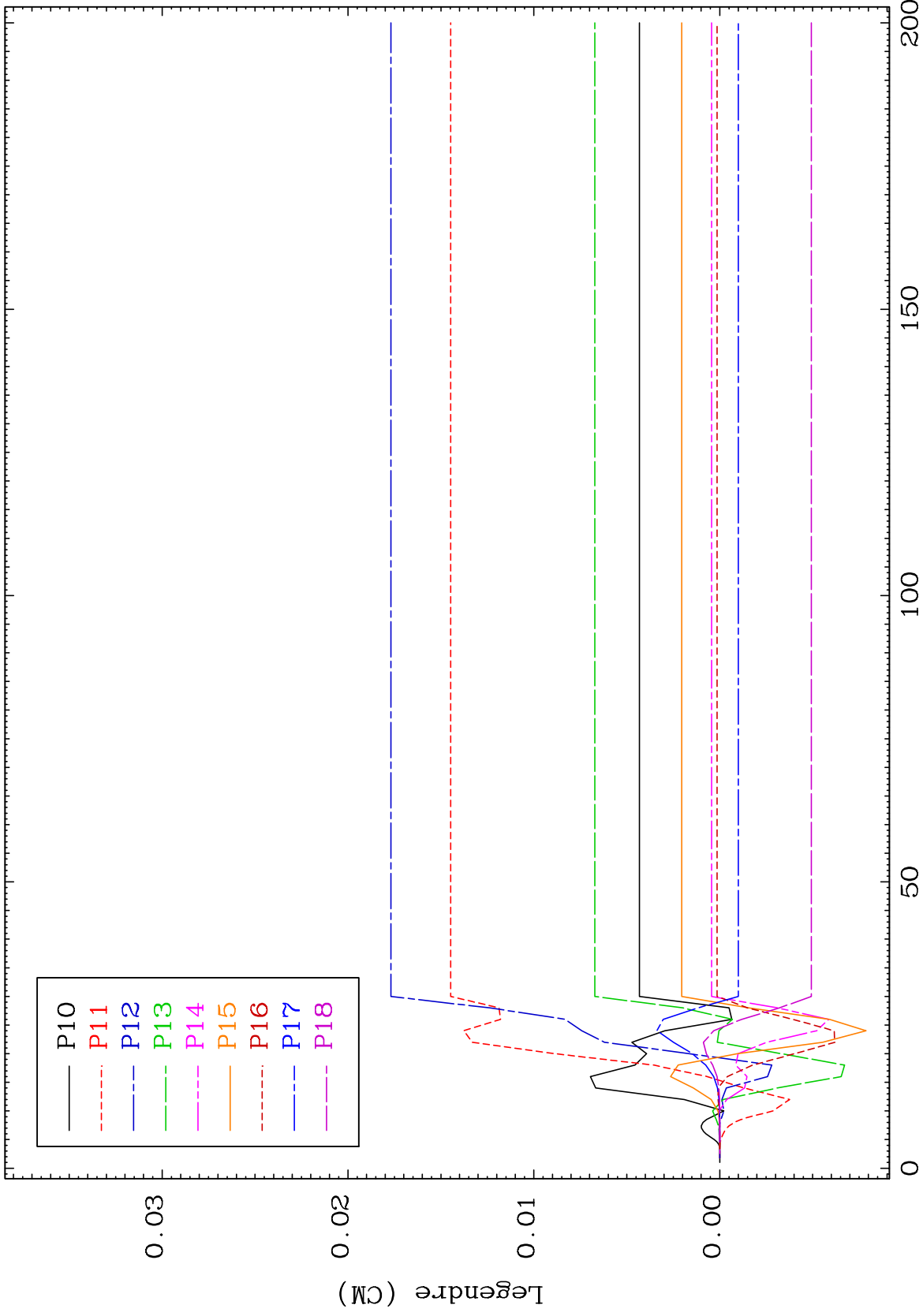
Incident Energy (MeV)

36

MAT 6628

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

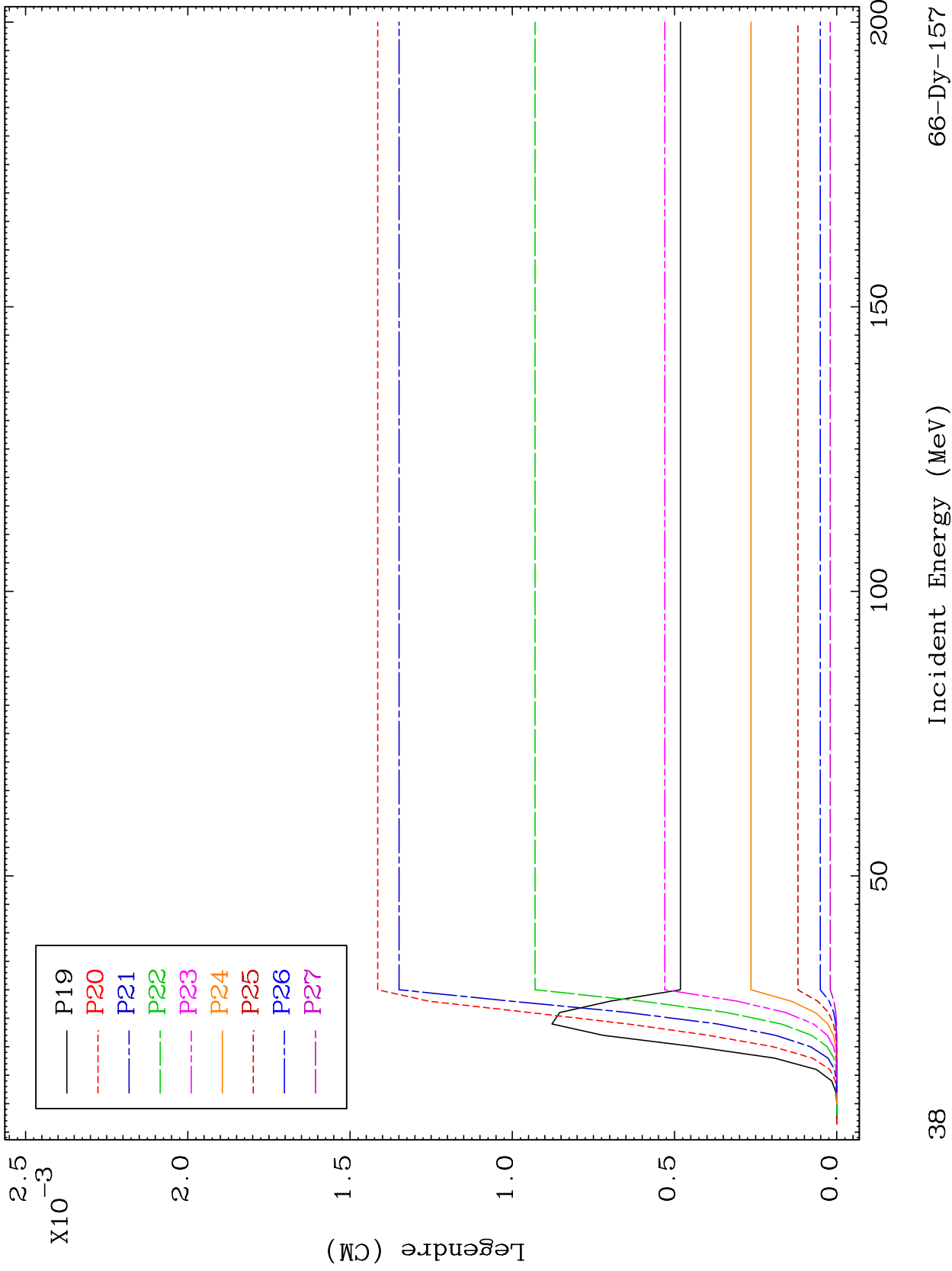
66-Dy-157



37

Incident Energy (MeV)

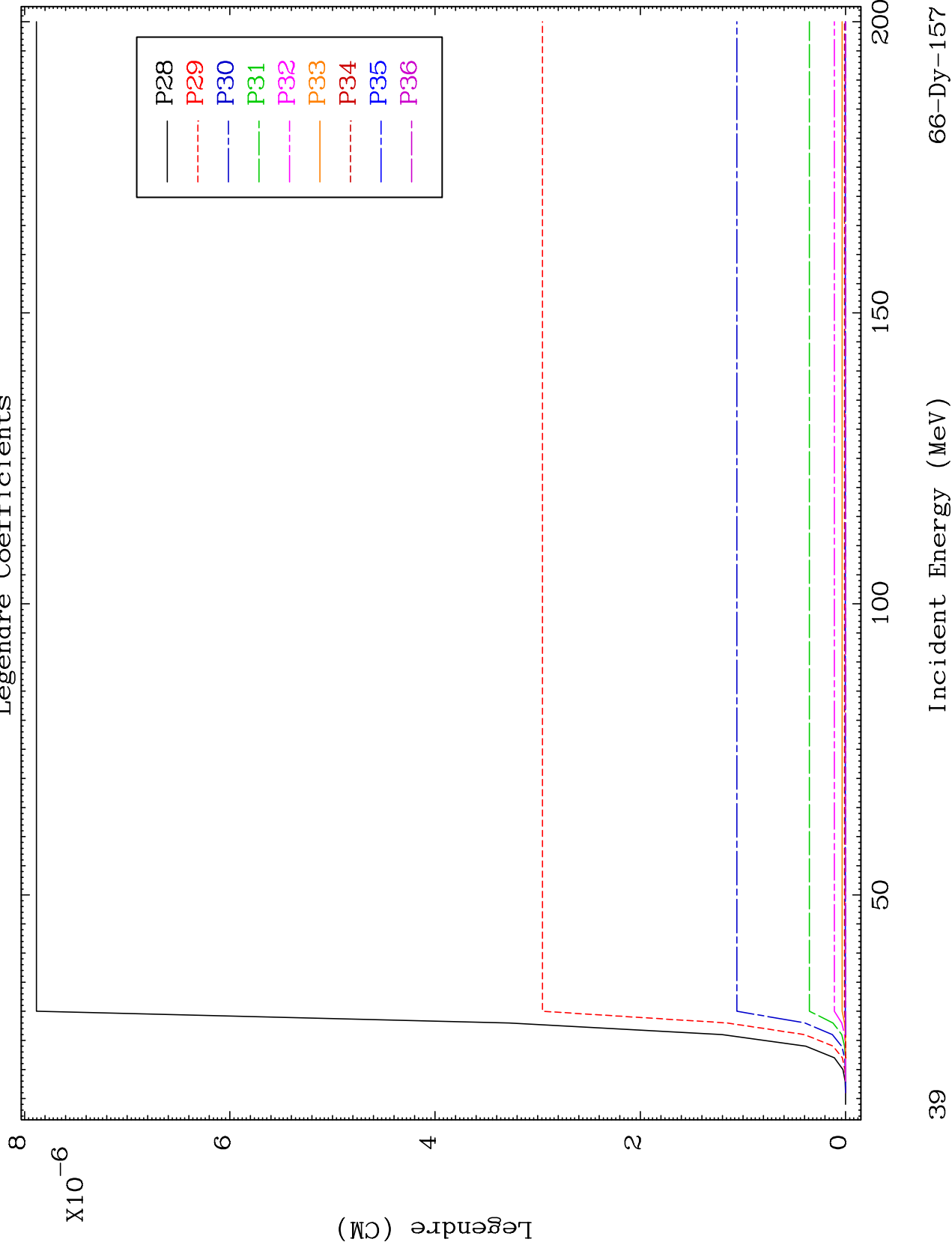
66-Dy-157



MAT 6628

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

66-Dy-157



39

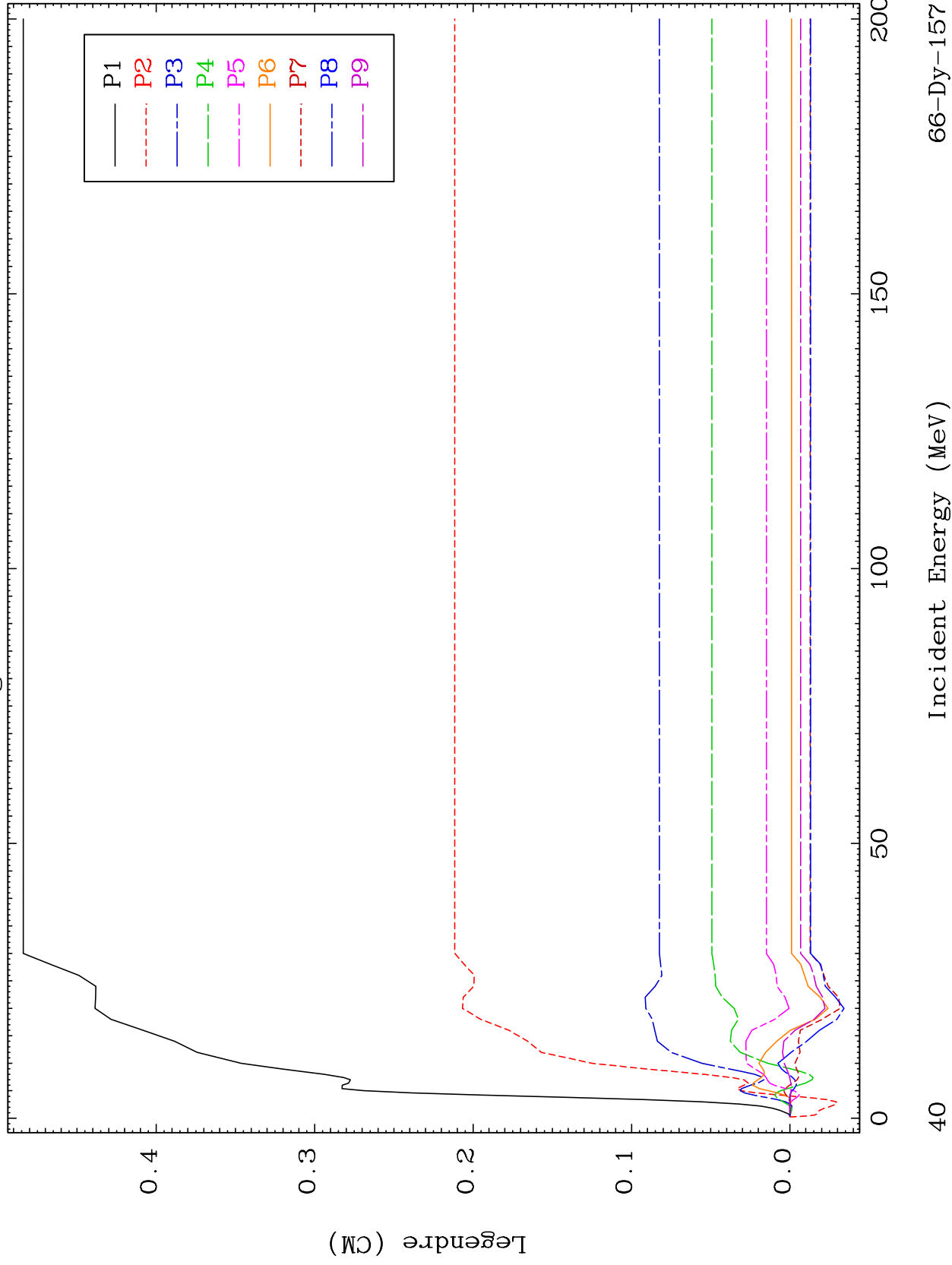
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



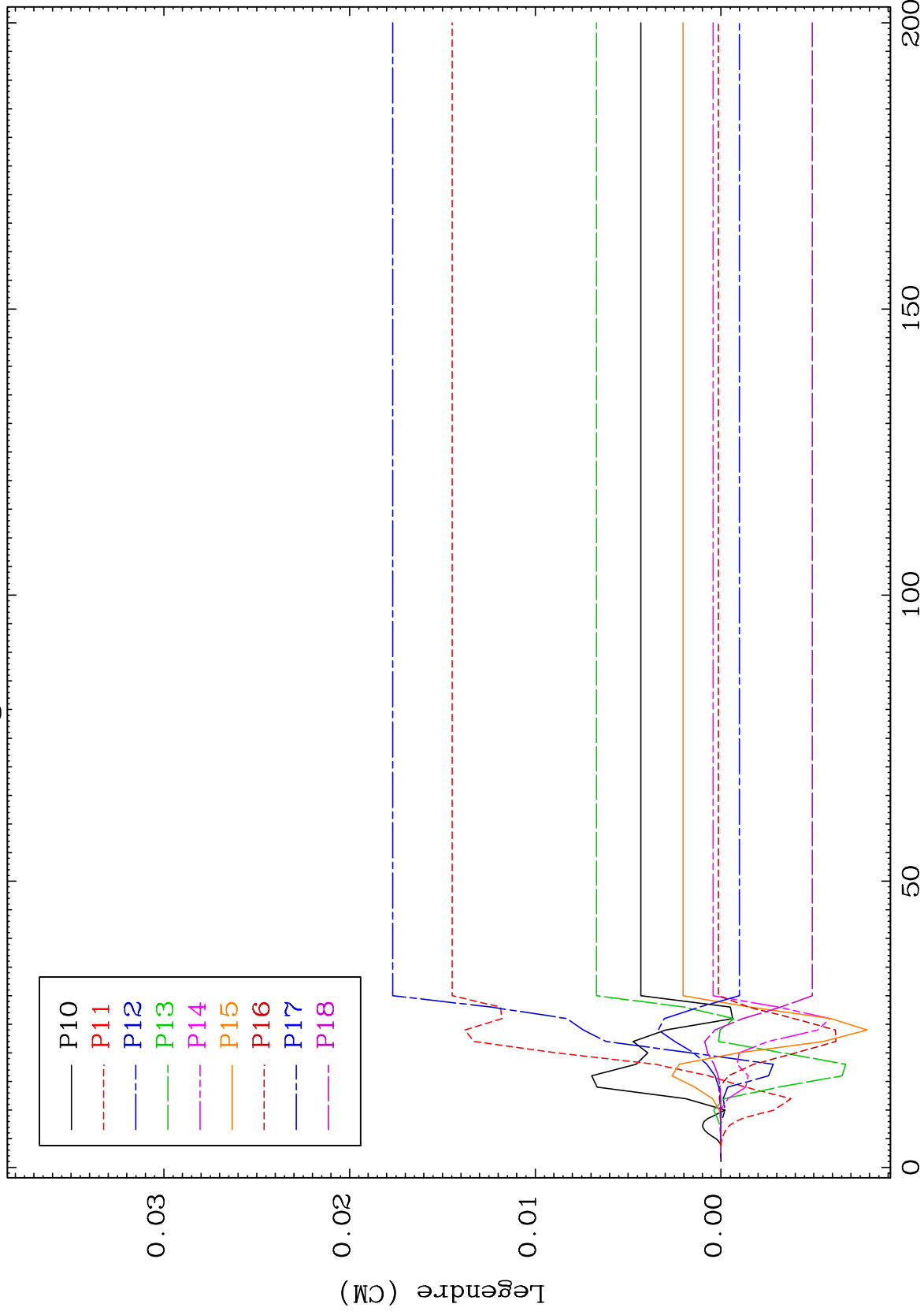
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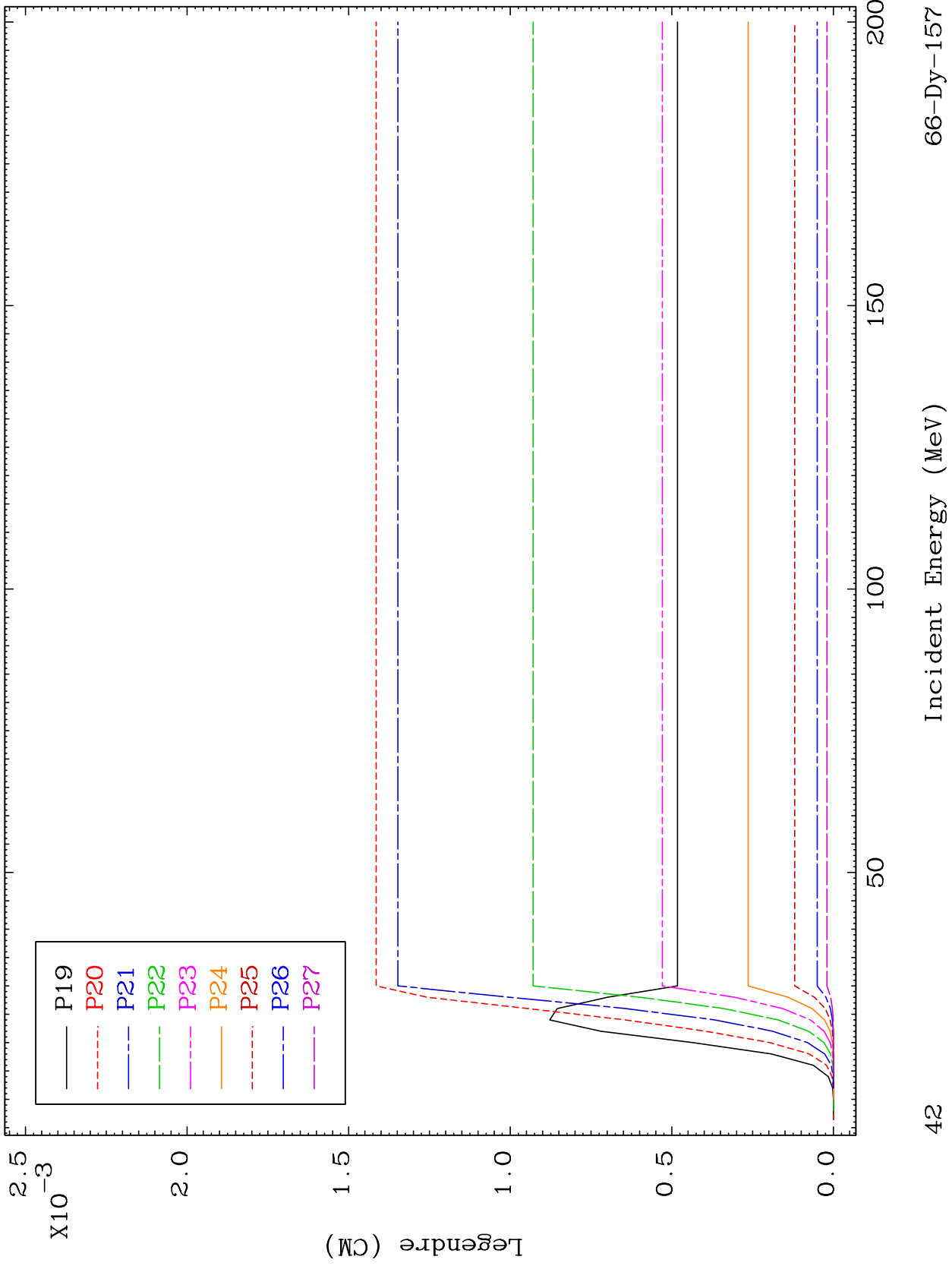
Incident Energy (MeV)

MAT 6628

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

66-Dy-157

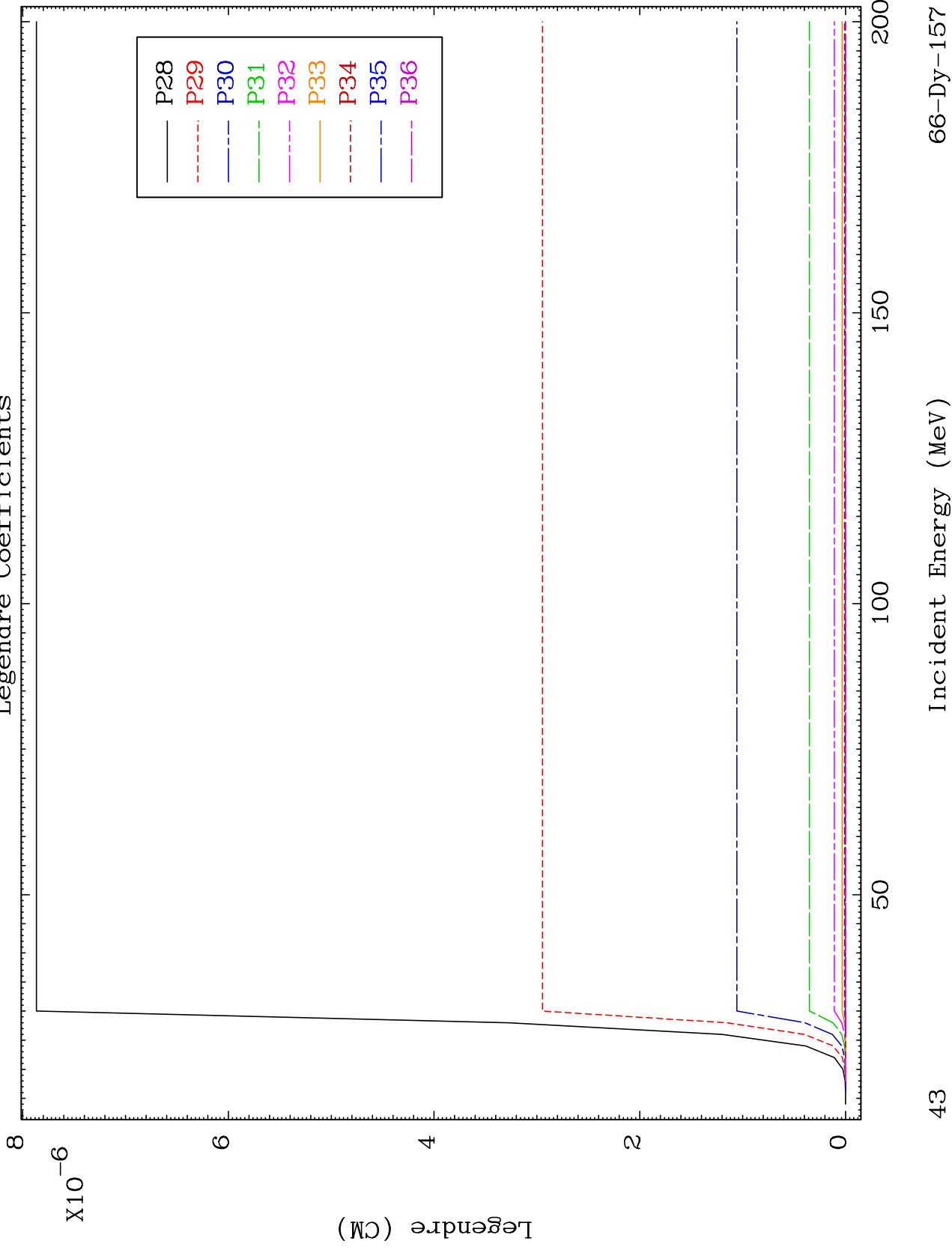




MAT 6628

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

66-Dy-157



43

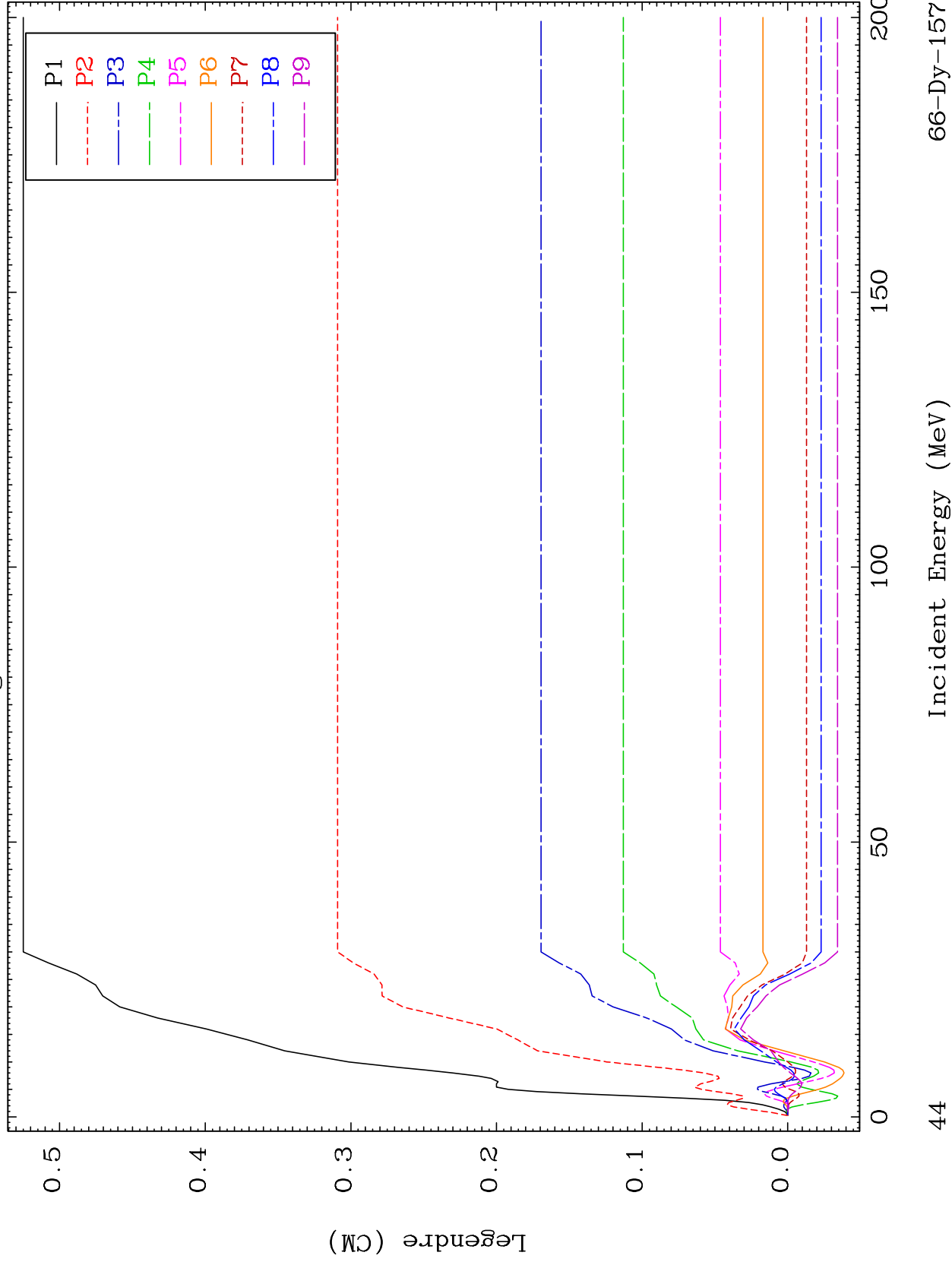
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

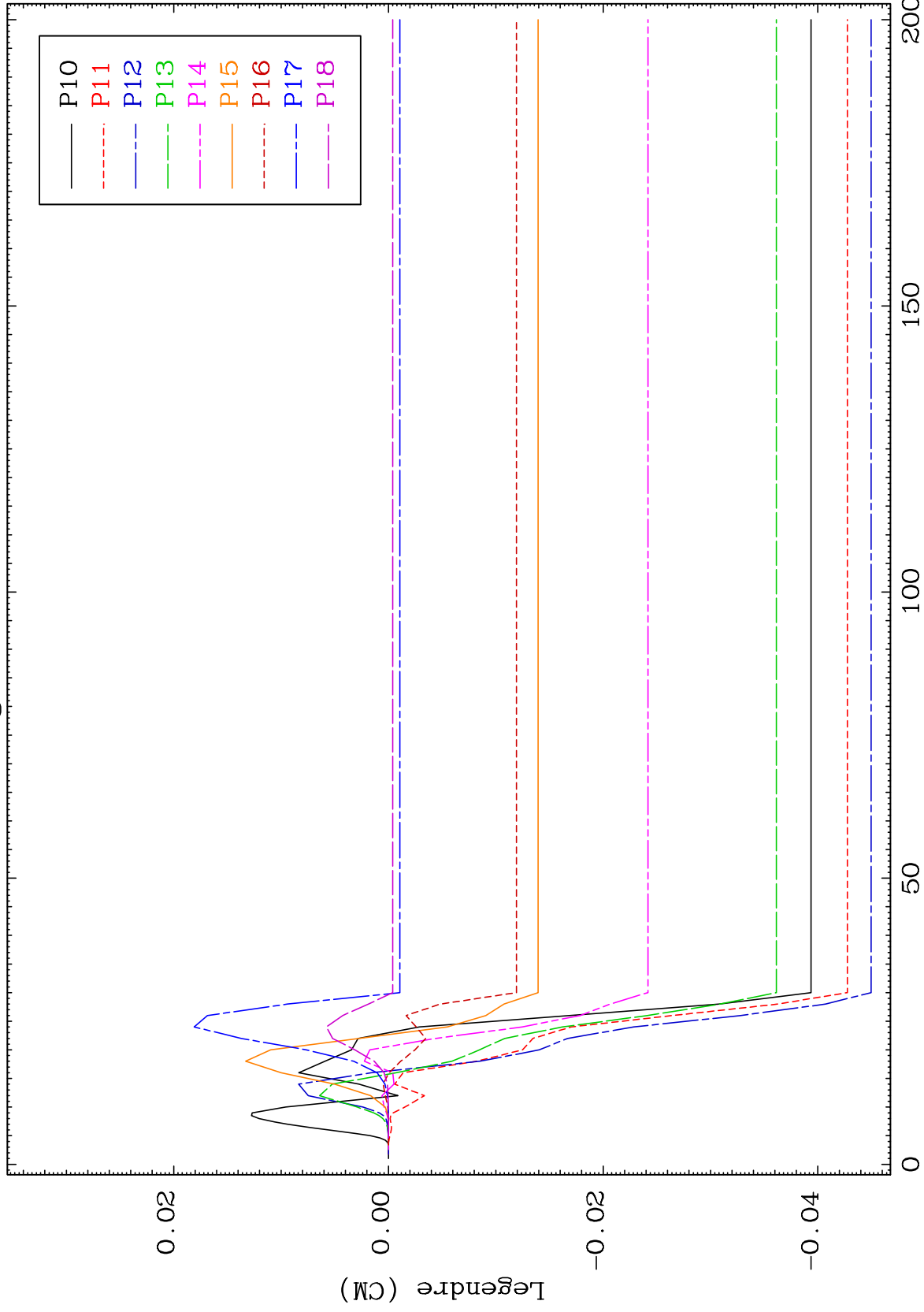
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MAT 6628

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

66-Dy-157



45

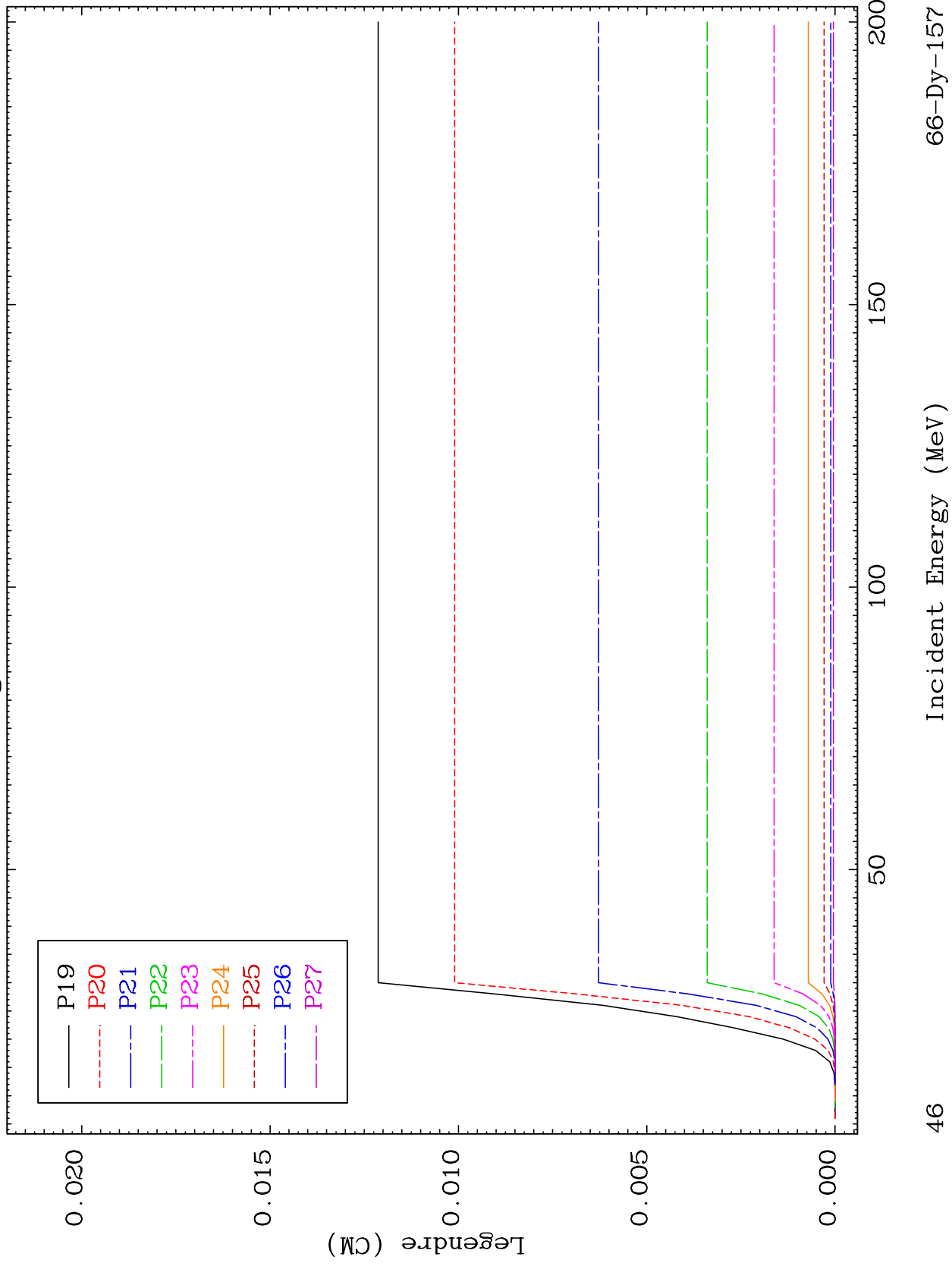
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



46

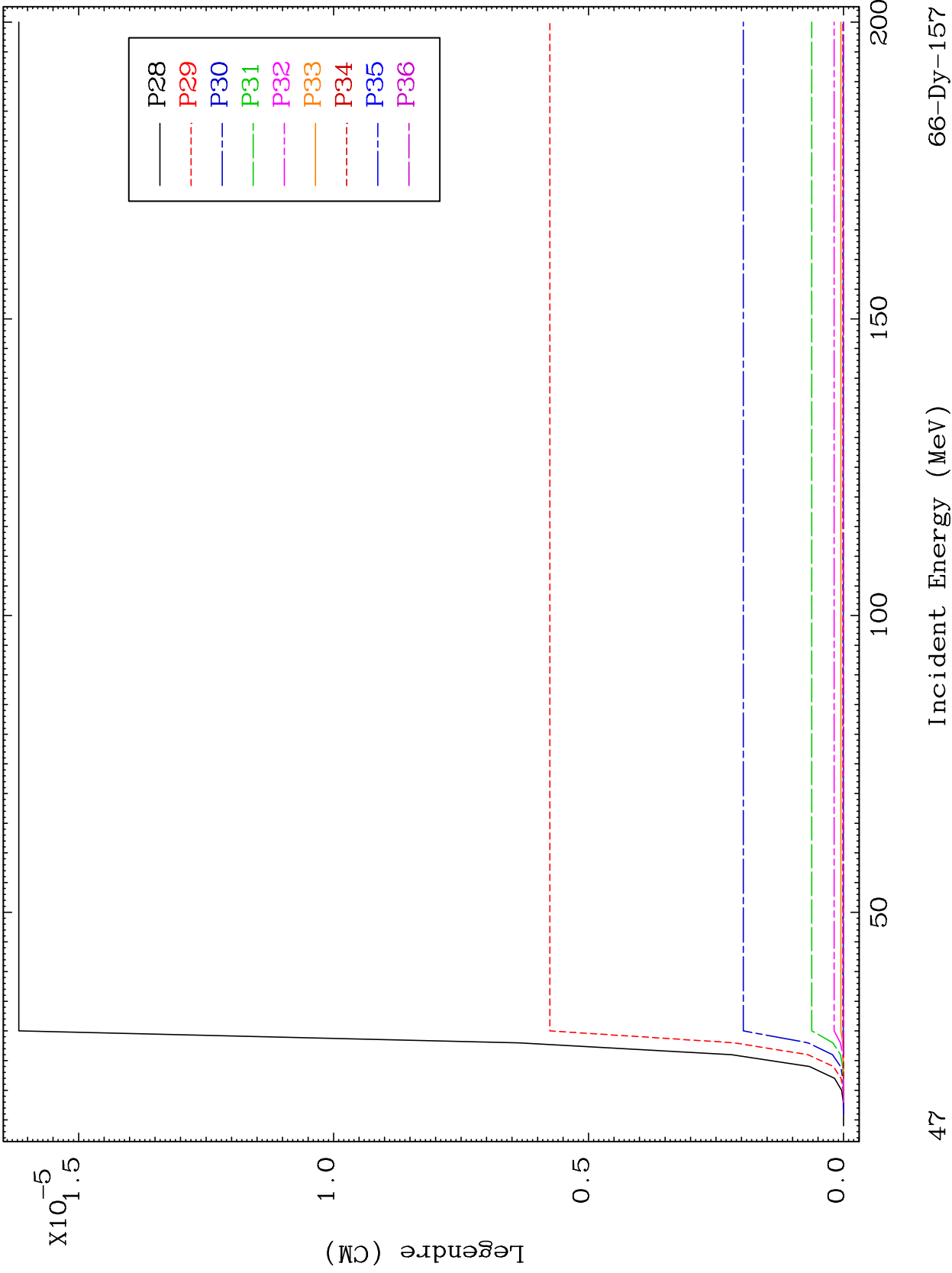
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

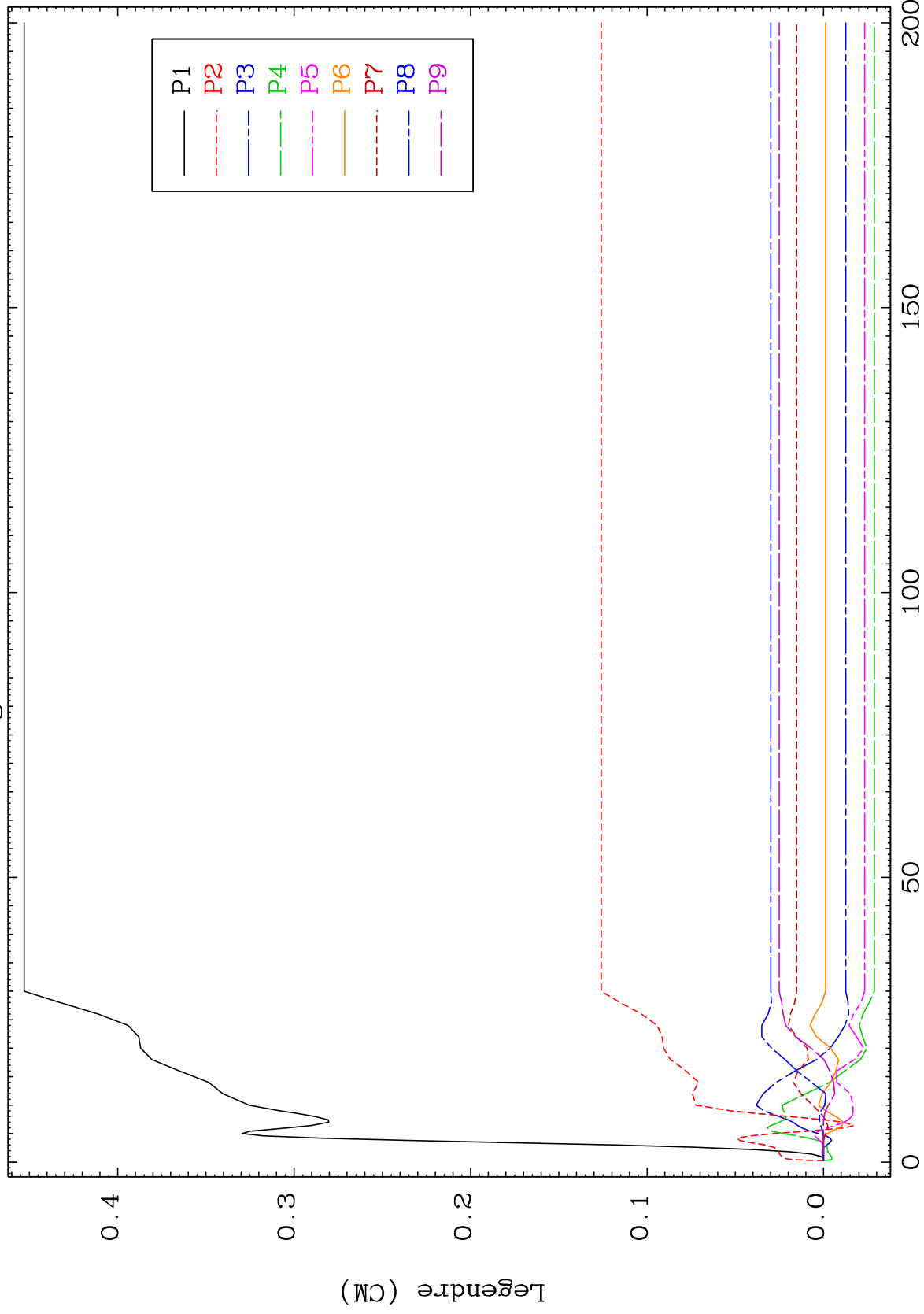
66-Dy-157



MAT 6628

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

66-Dy-157



66-Dy-157

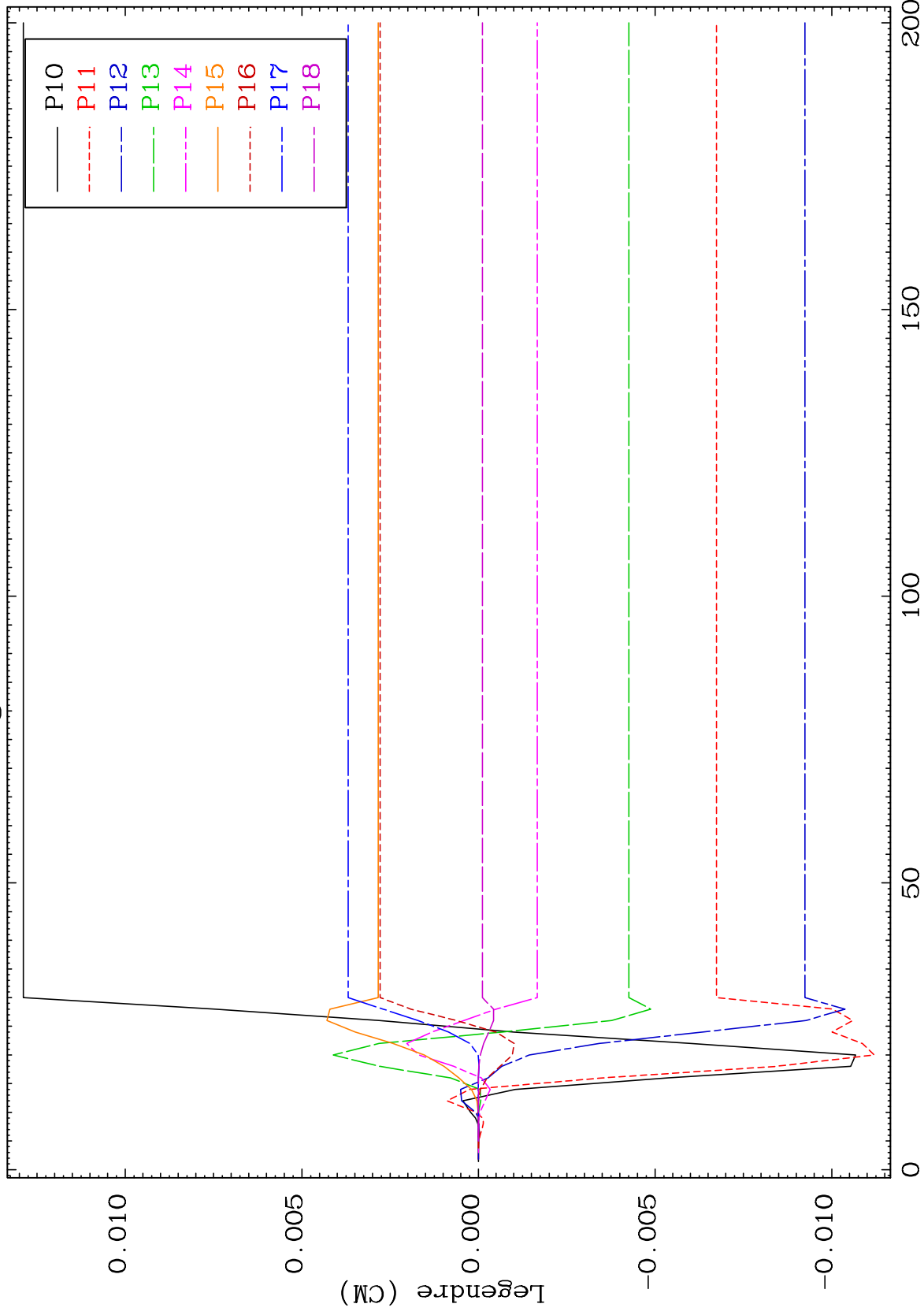
Incident Energy (MeV)

48

MAT 6628

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

66-Dy-157



49

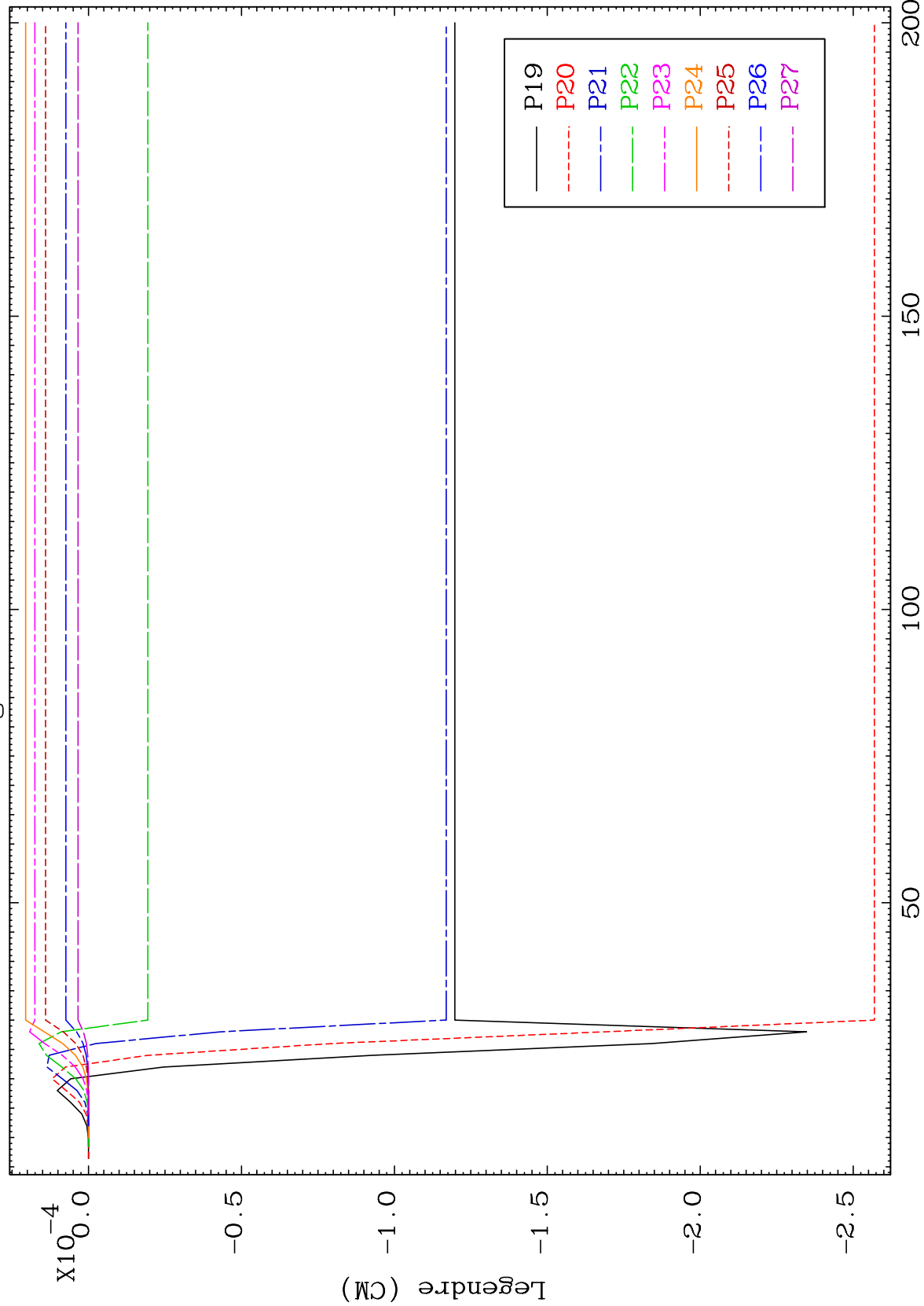
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



66-Dy-157

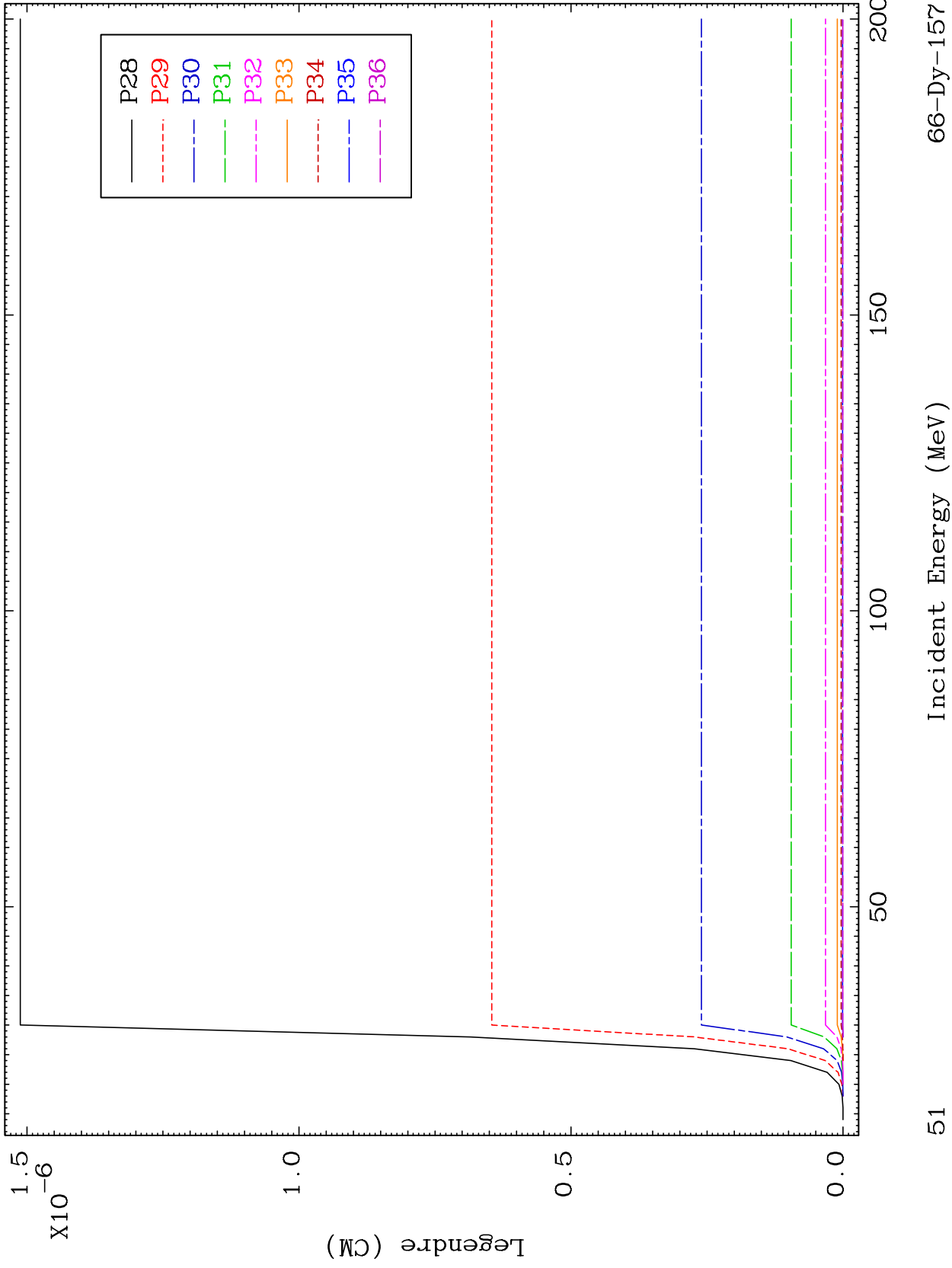
Incident Energy (MeV)

50

MAT 6628

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

66-Dy-157



51

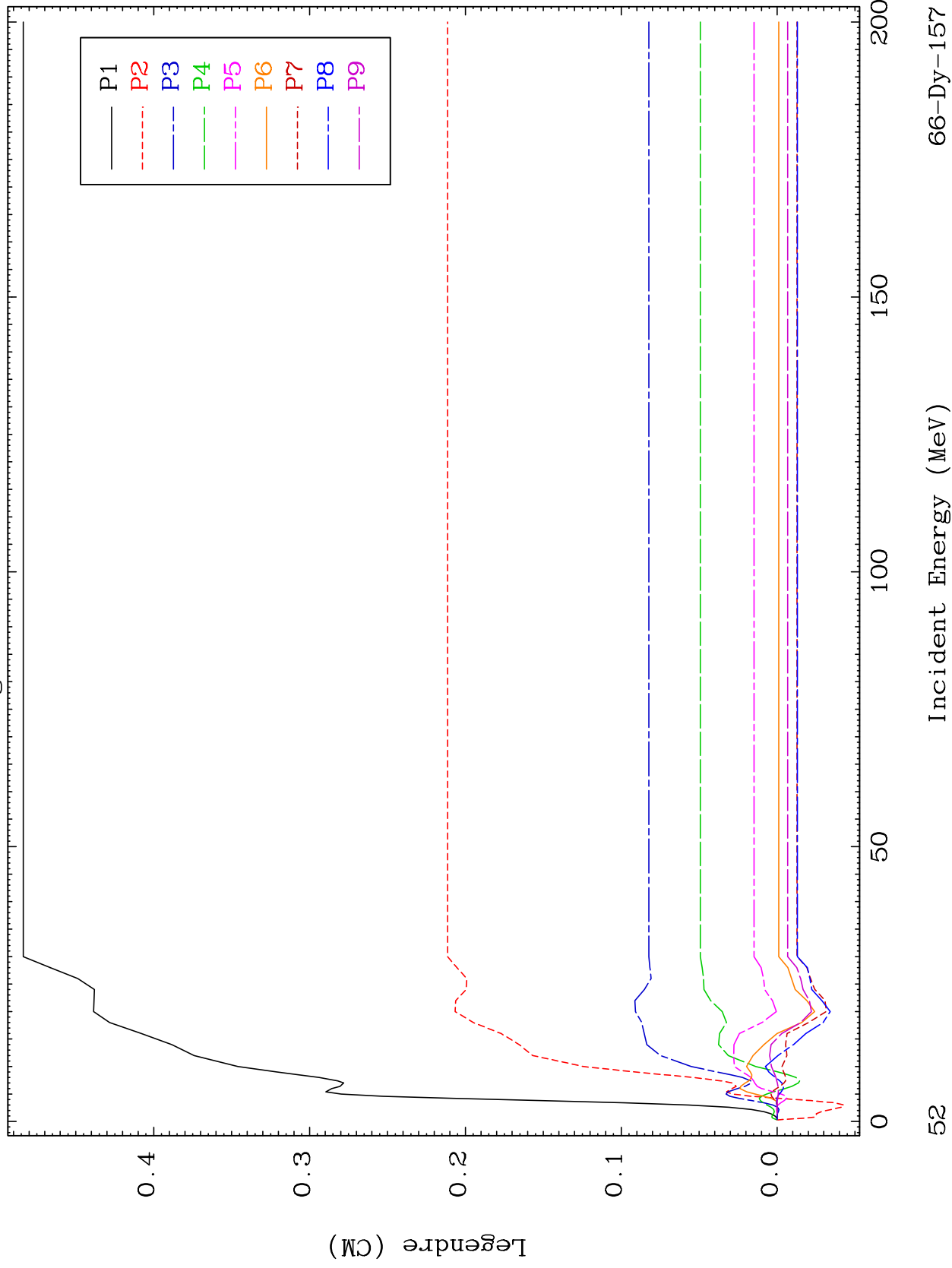
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



66-Dy-157

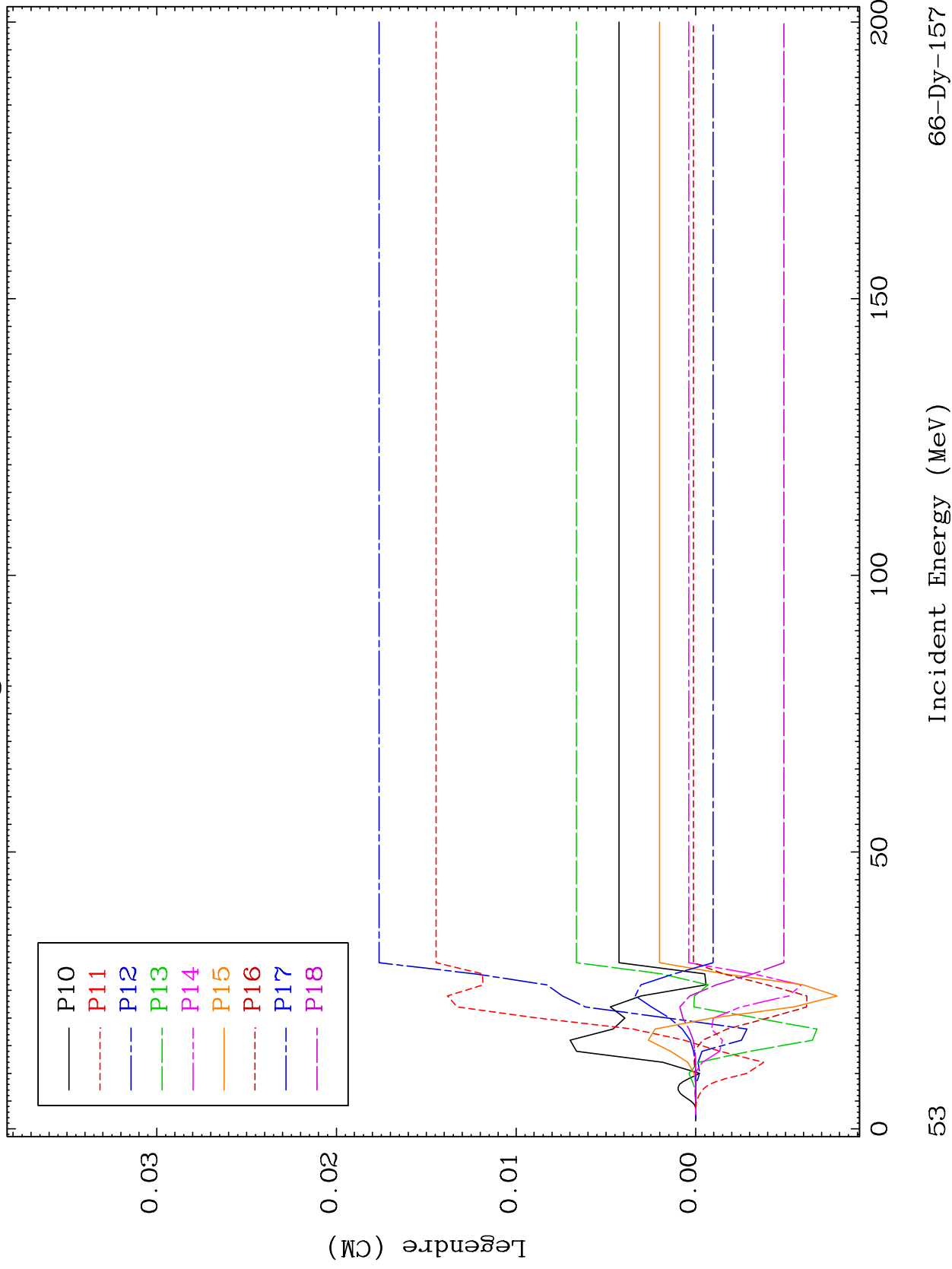
Incident Energy (MeV)

52

MAT 6628

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

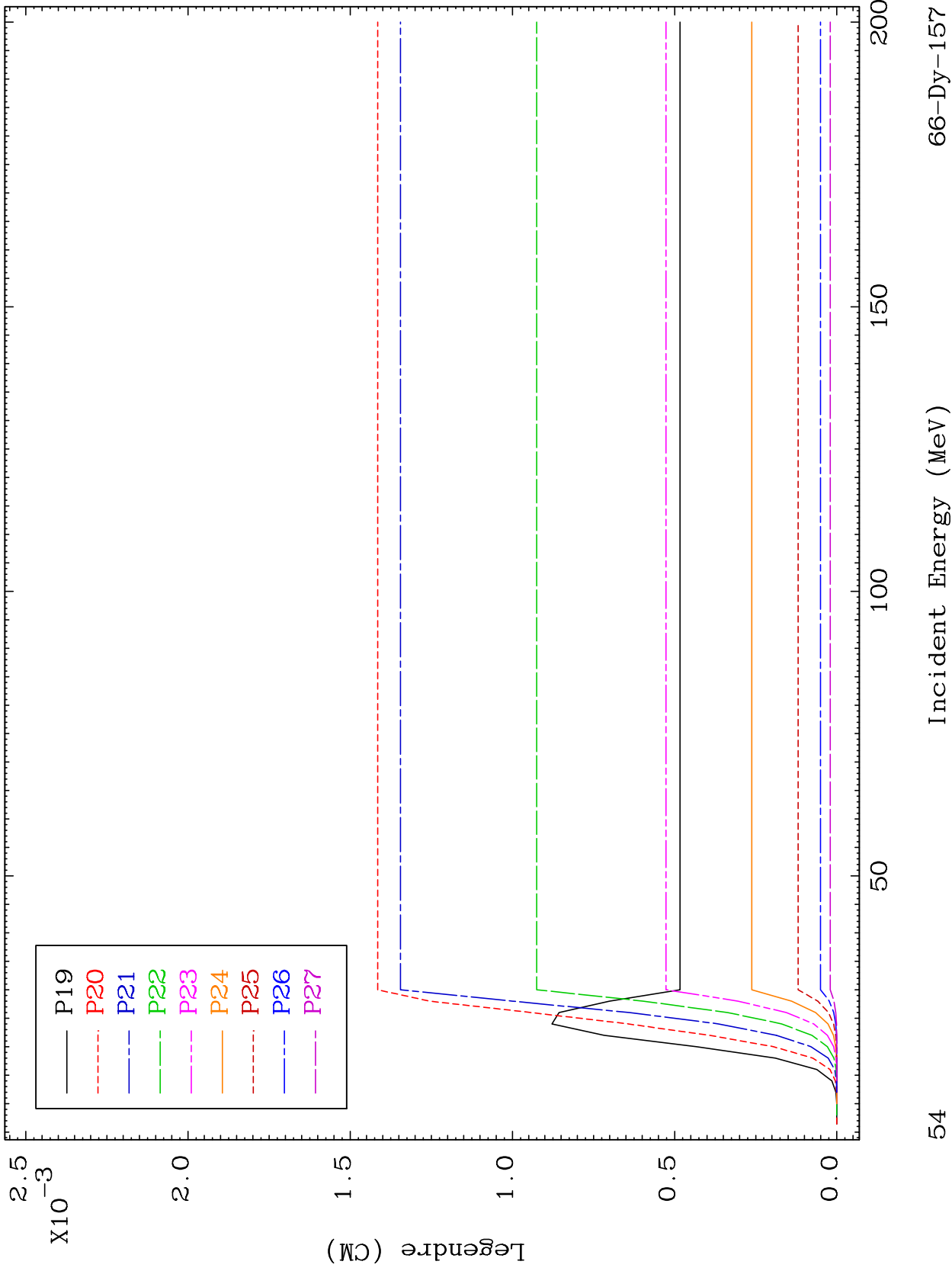
66-Dy-157



53

Incident Energy (MeV)

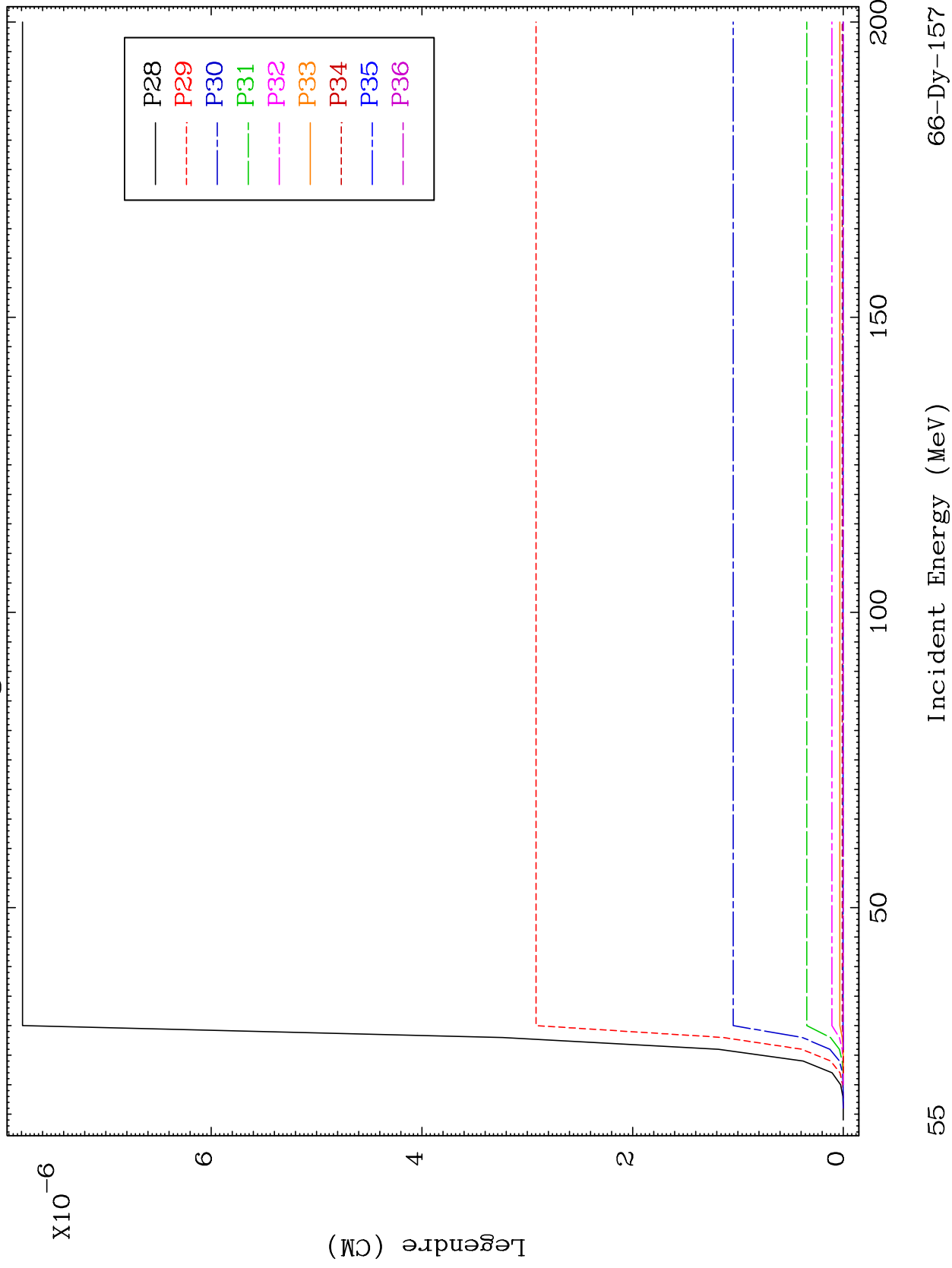
66-Dy-157



MAT 6628

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

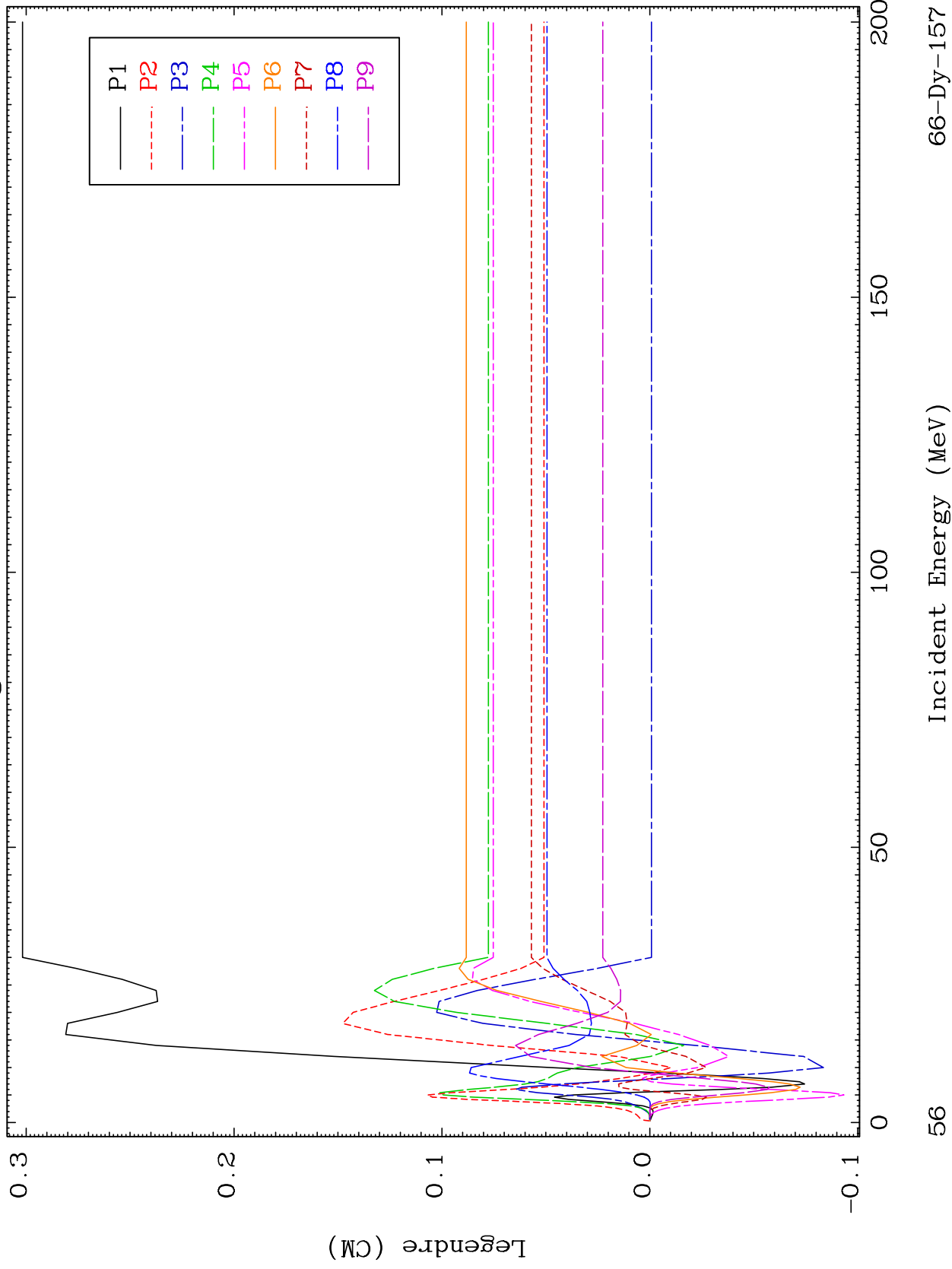
66-Dy-157



MAT 6628

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

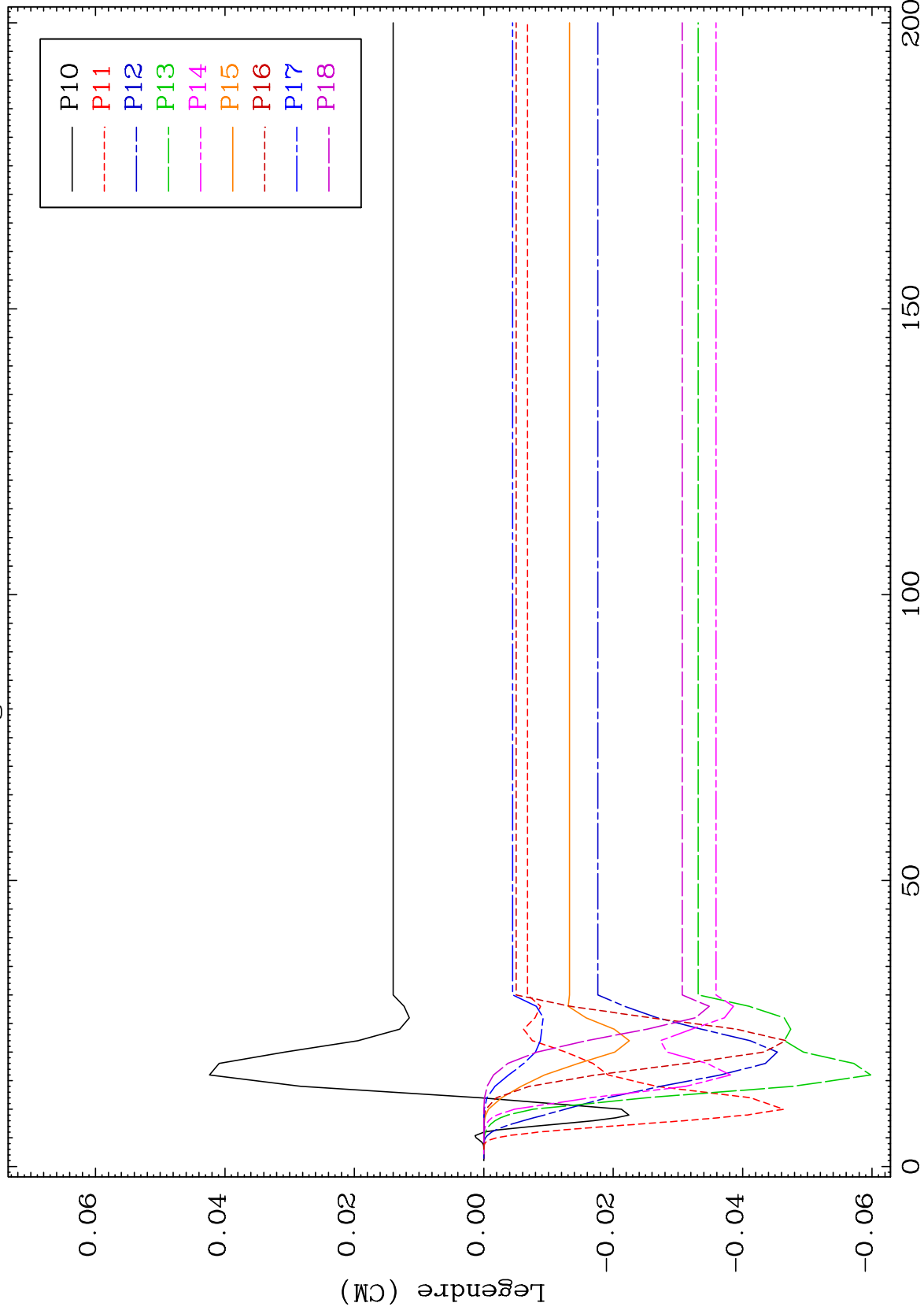
66-Dy-157



MAT 6628

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

66-Dy-157



57

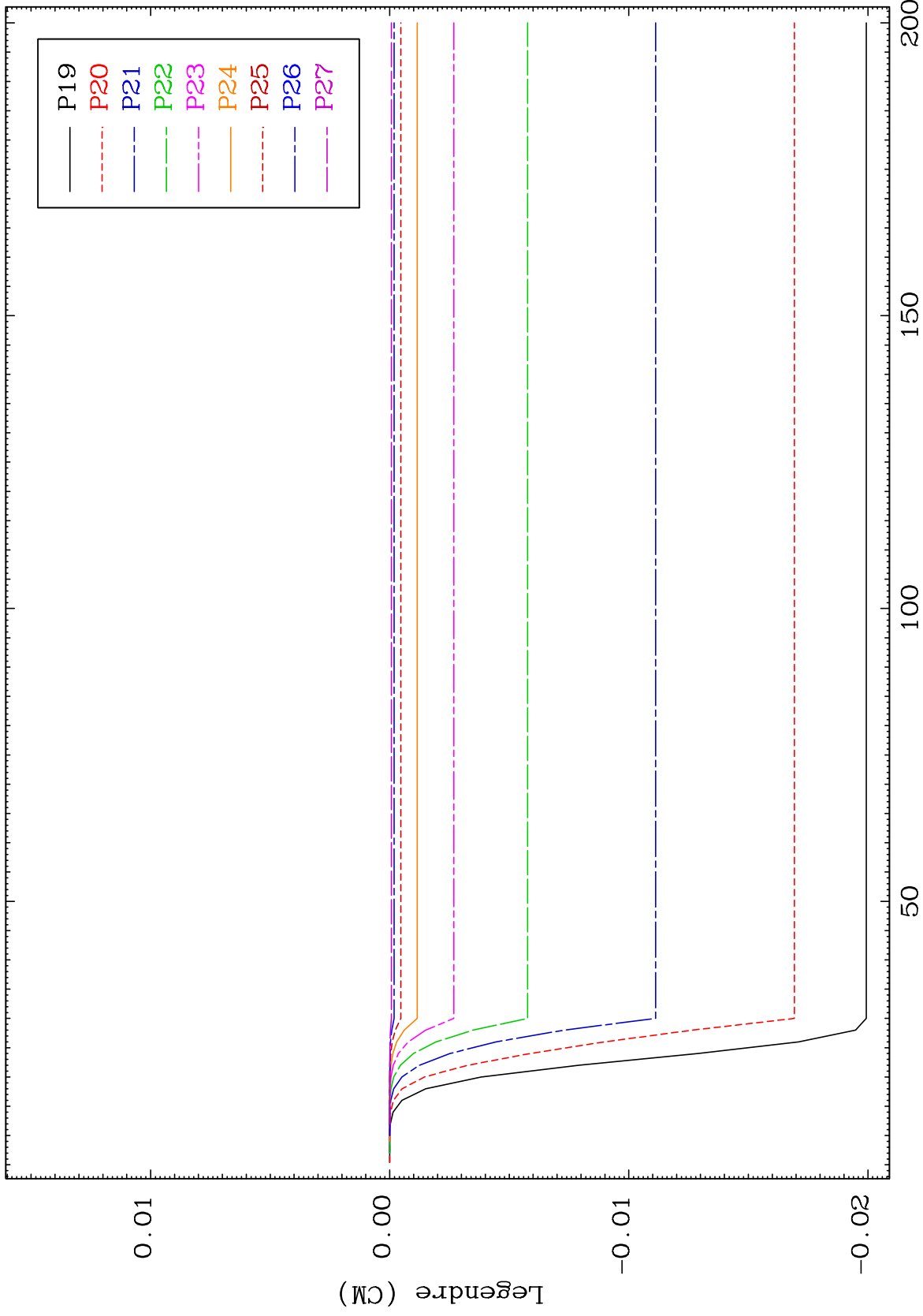
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

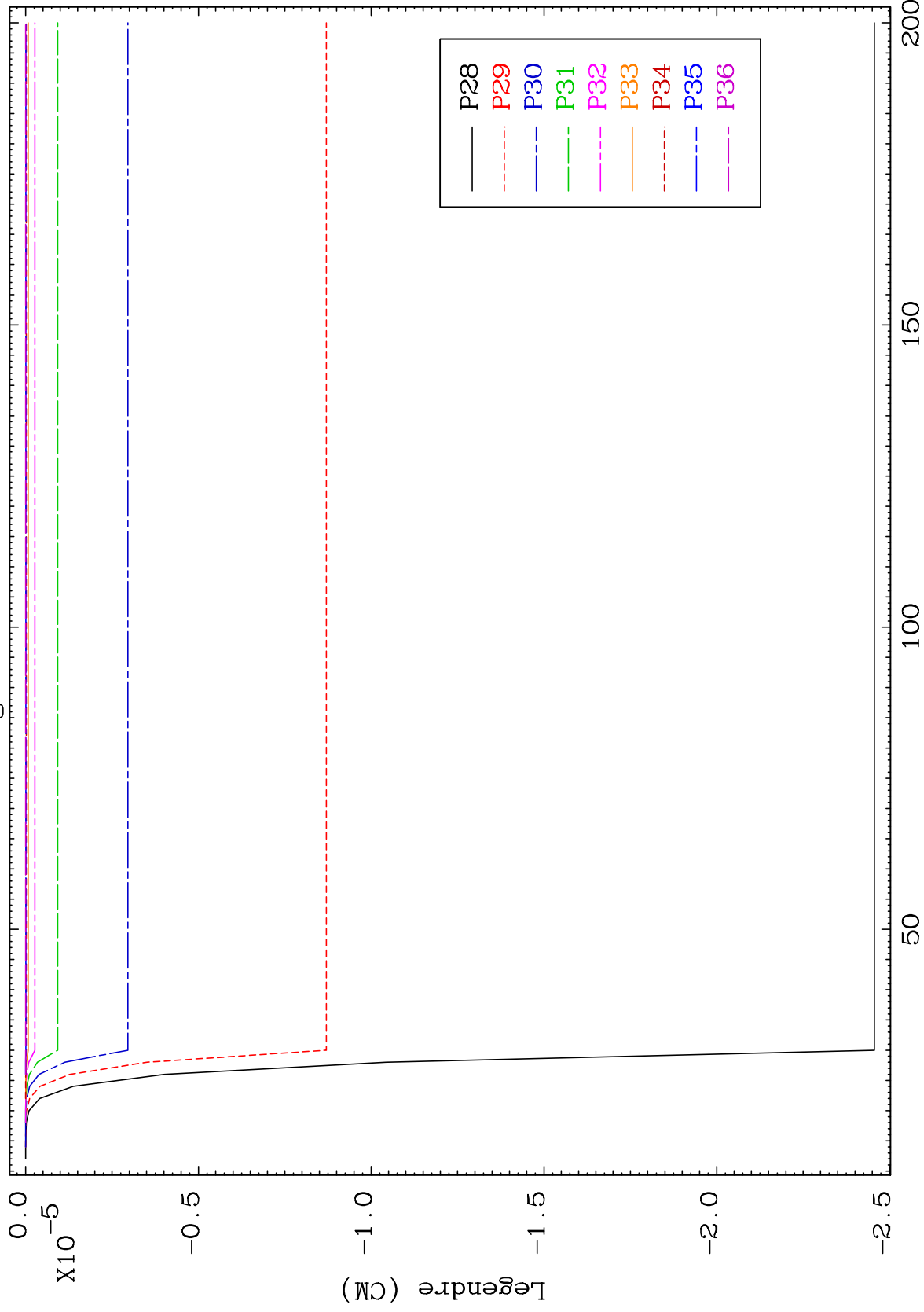
66-Dy-157



58

Incident Energy (MeV)

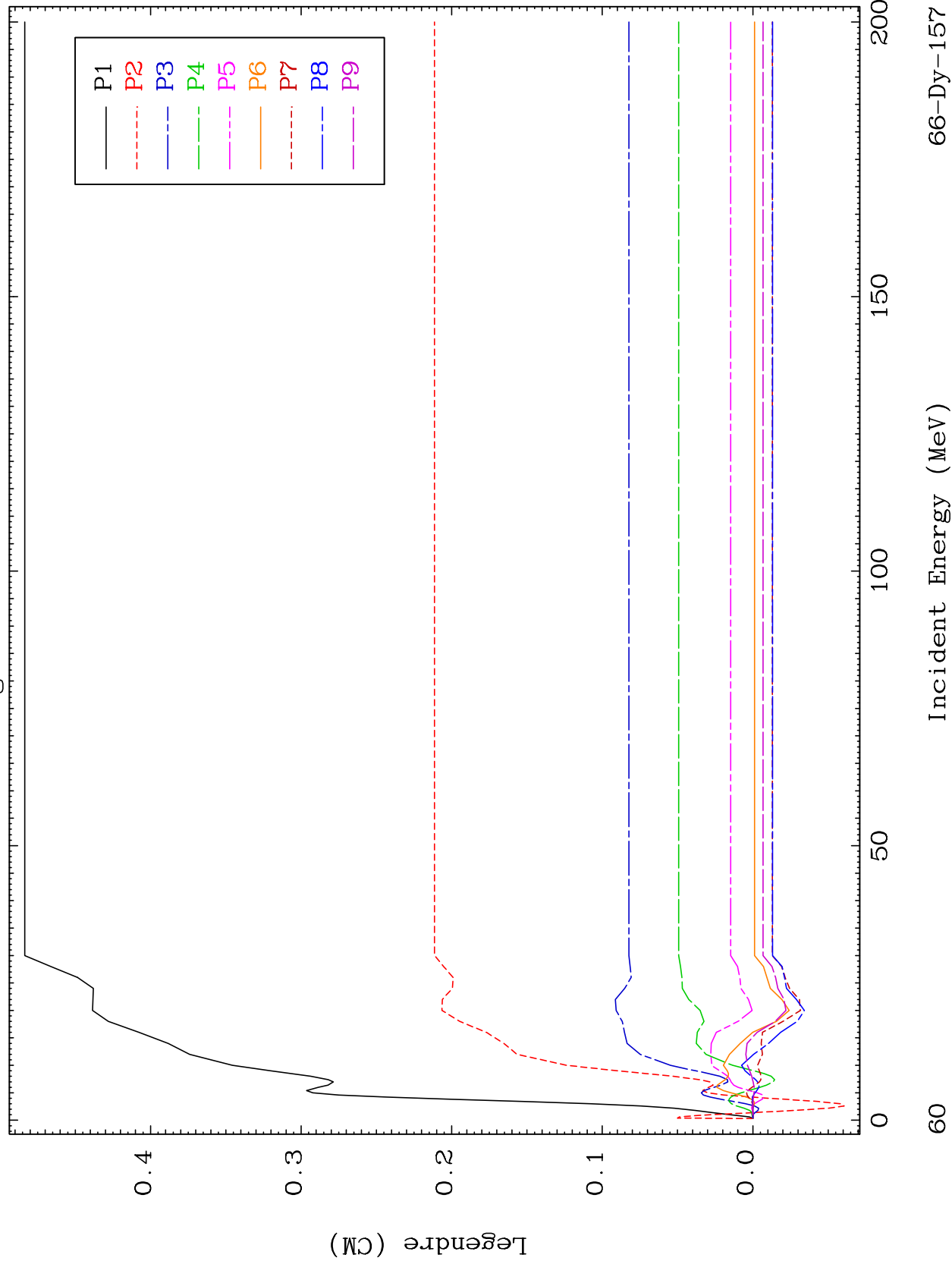
66-Dy-157



MAT 6628

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

66-Dy-157



66-Dy-157

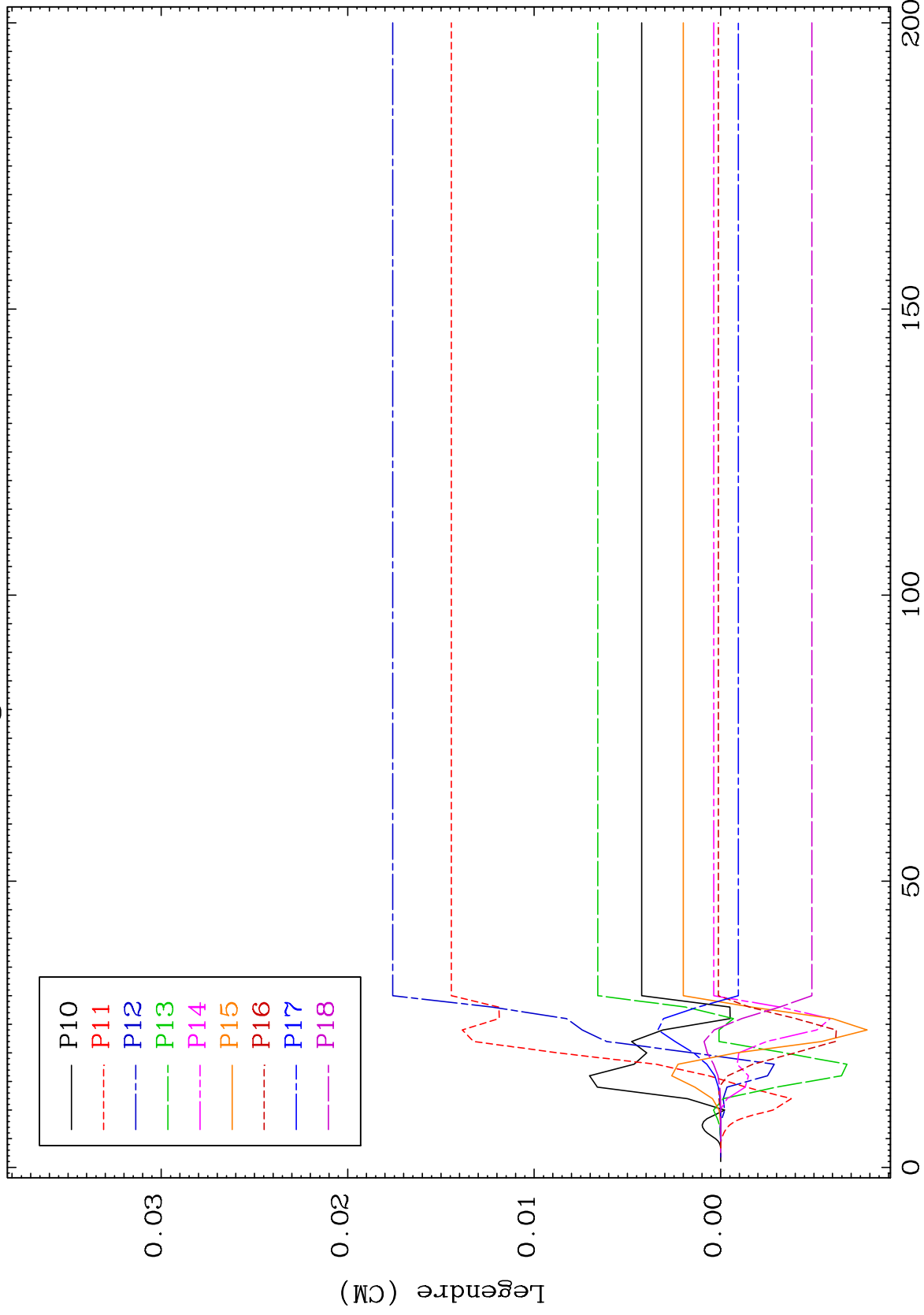
Incident Energy (MeV)

60

MAT 6628

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

66-Dy-157



61

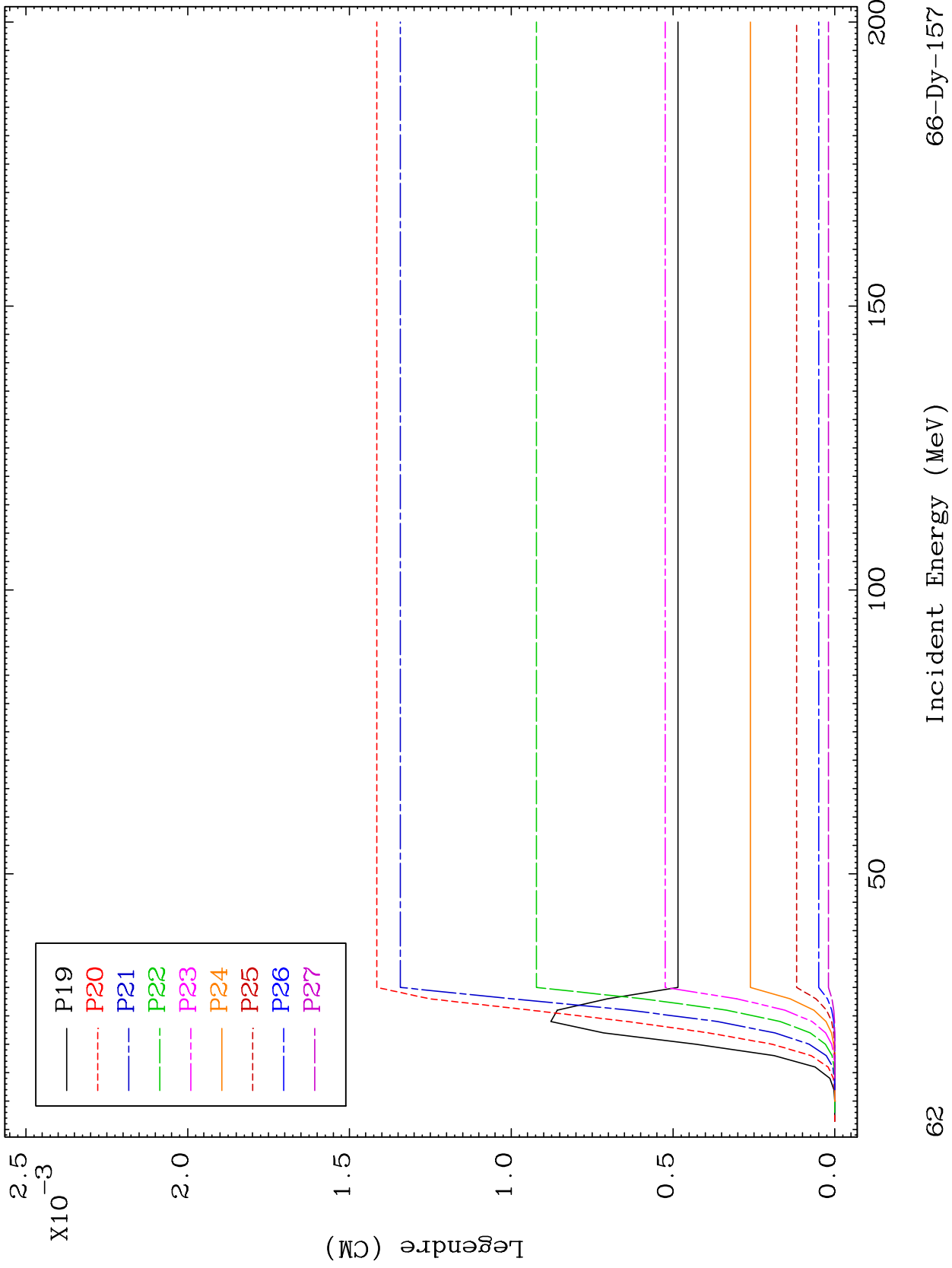
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



62

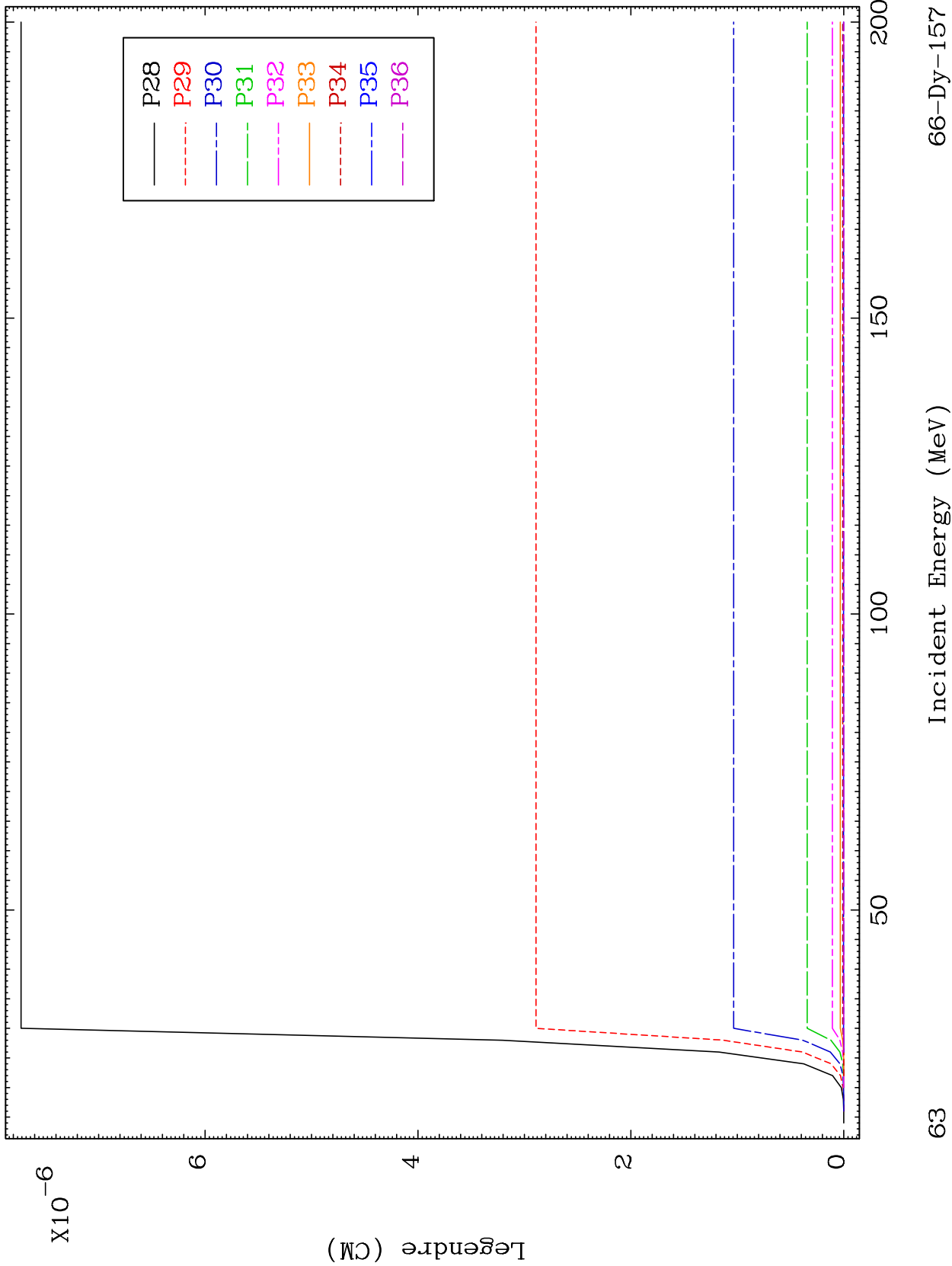
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

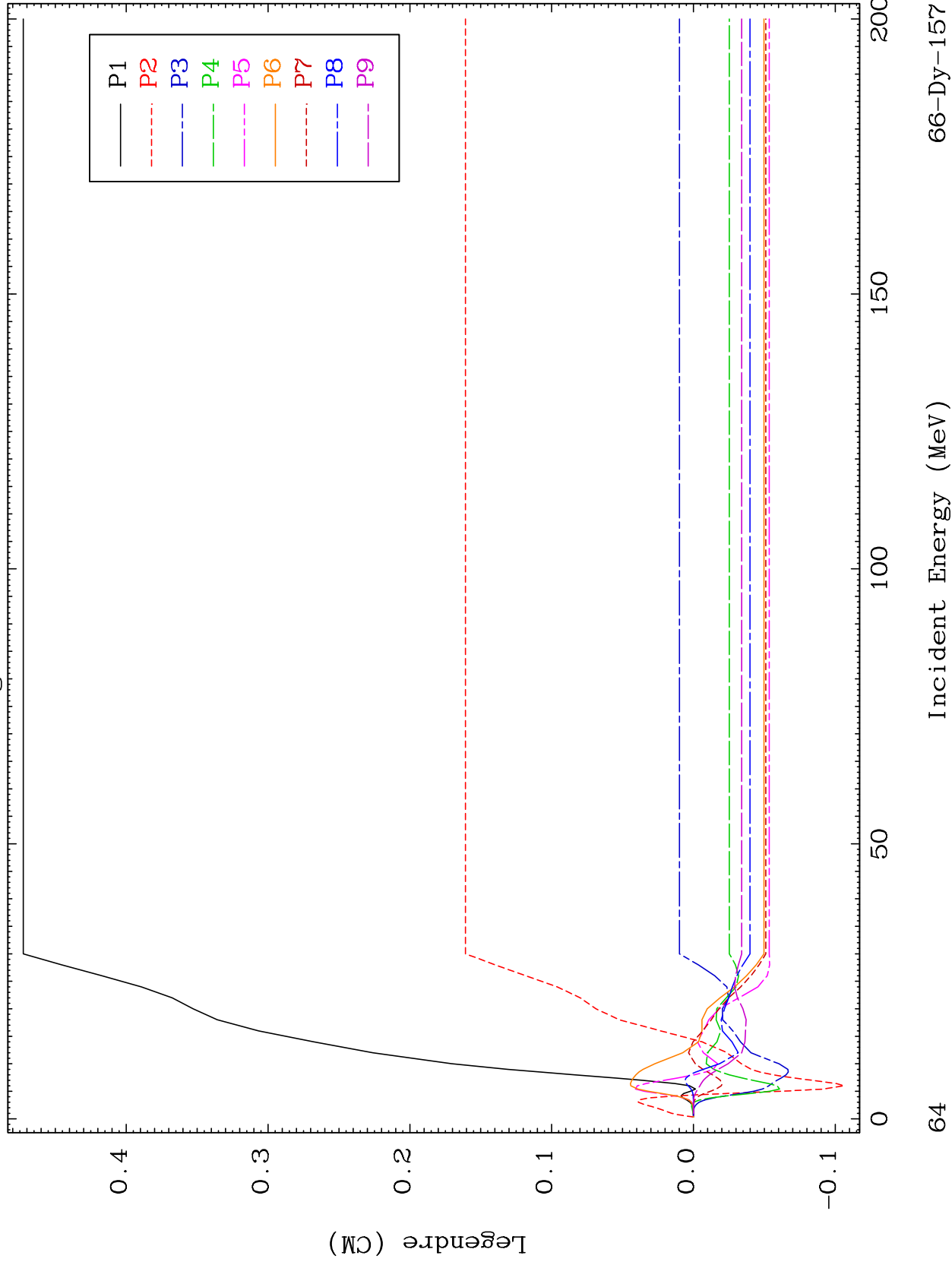
66-Dy-157



MAT 6628

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

66-Dy-157



66-Dy-157

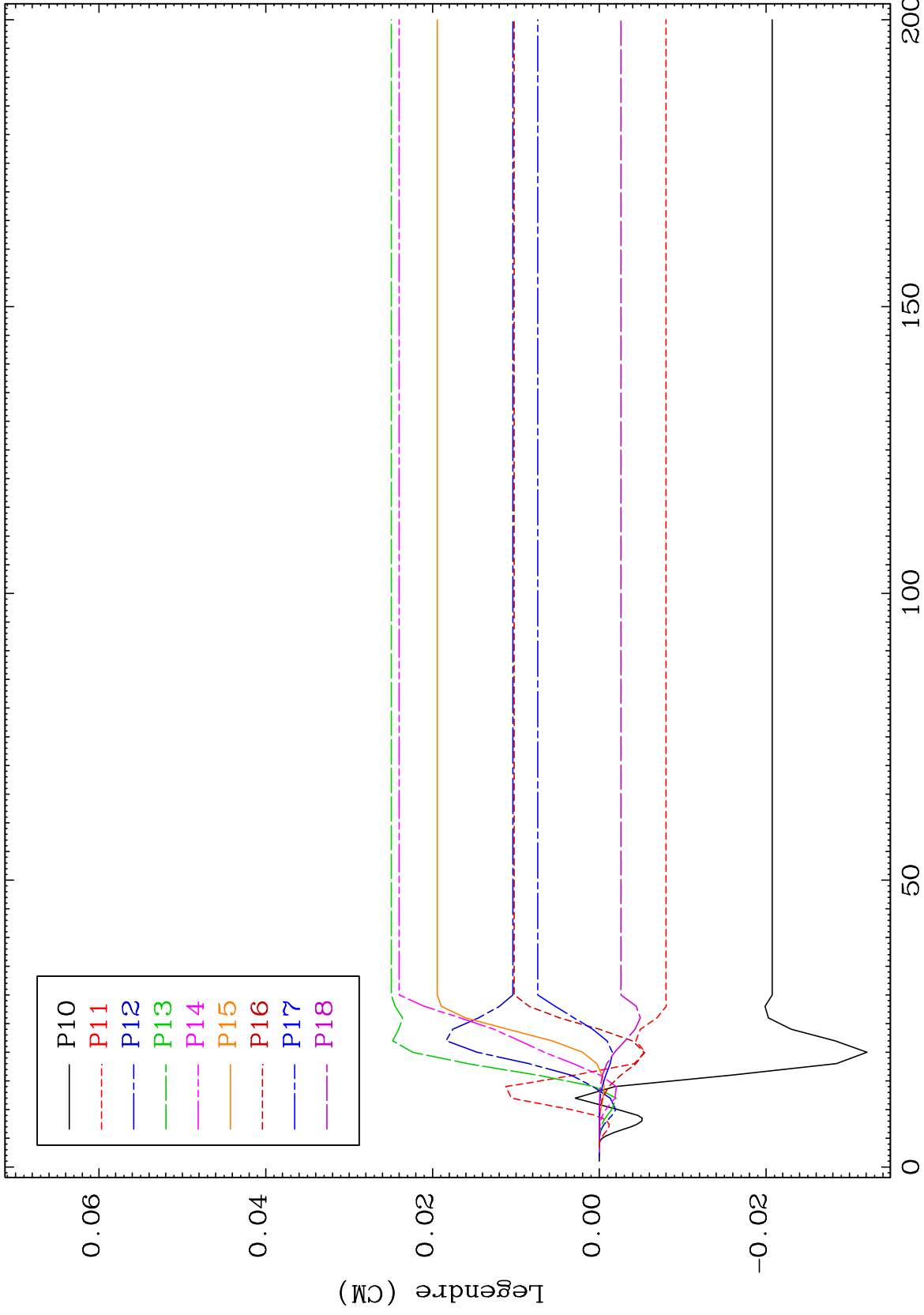
Incident Energy (MeV)

64

MAT 6628

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

66-Dy-157



65

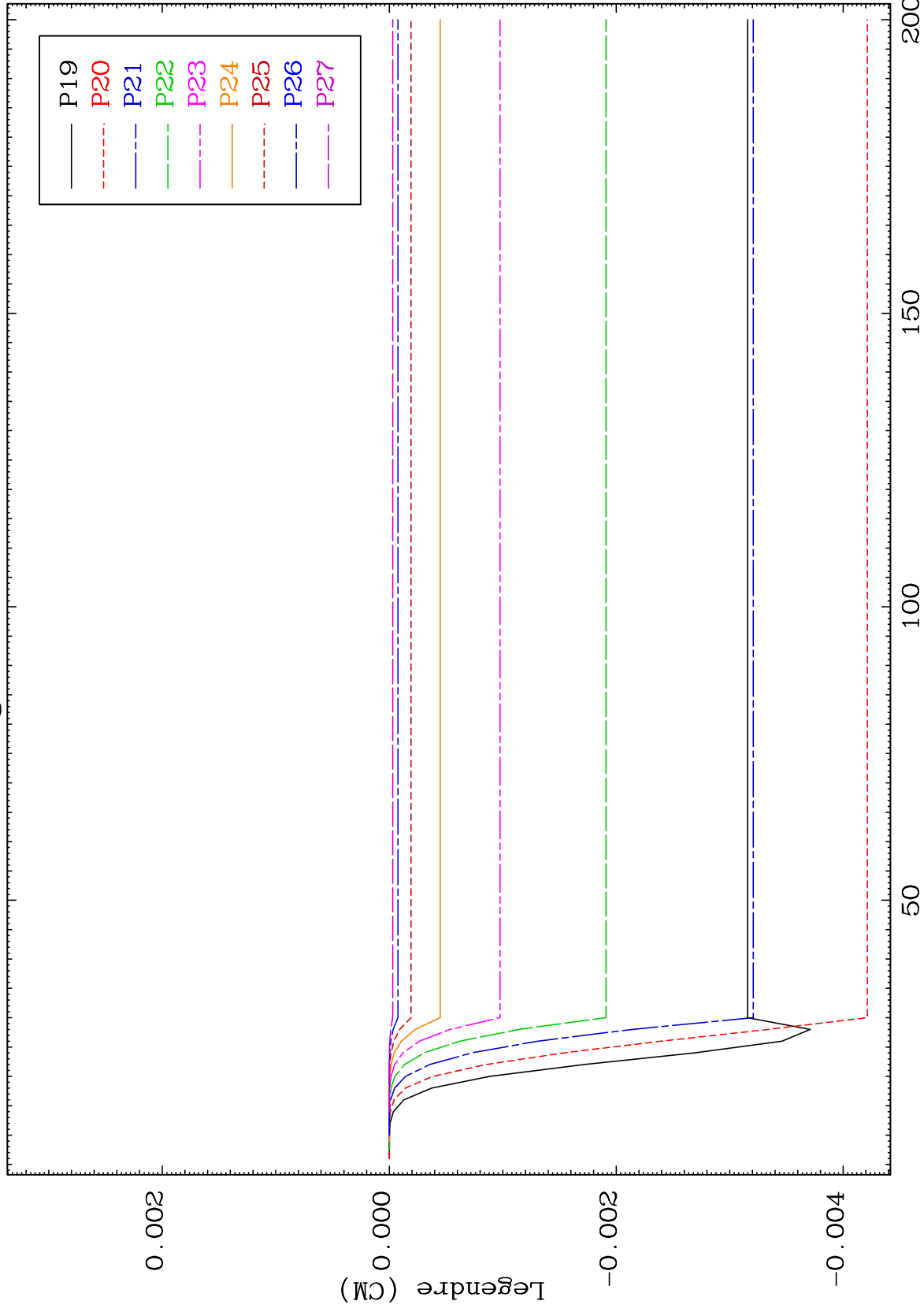
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

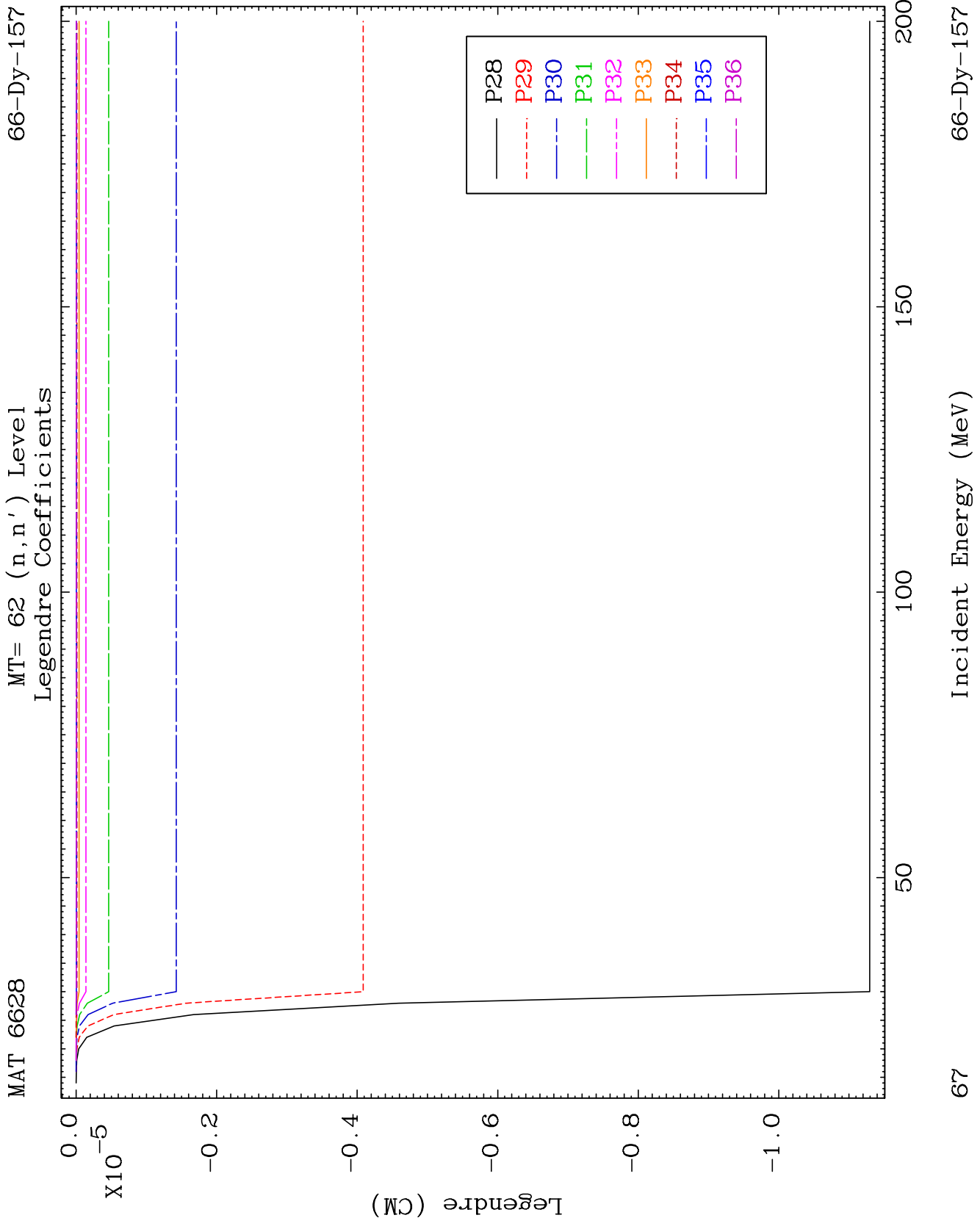
66-Dy-157



66

Incident Energy (MeV)

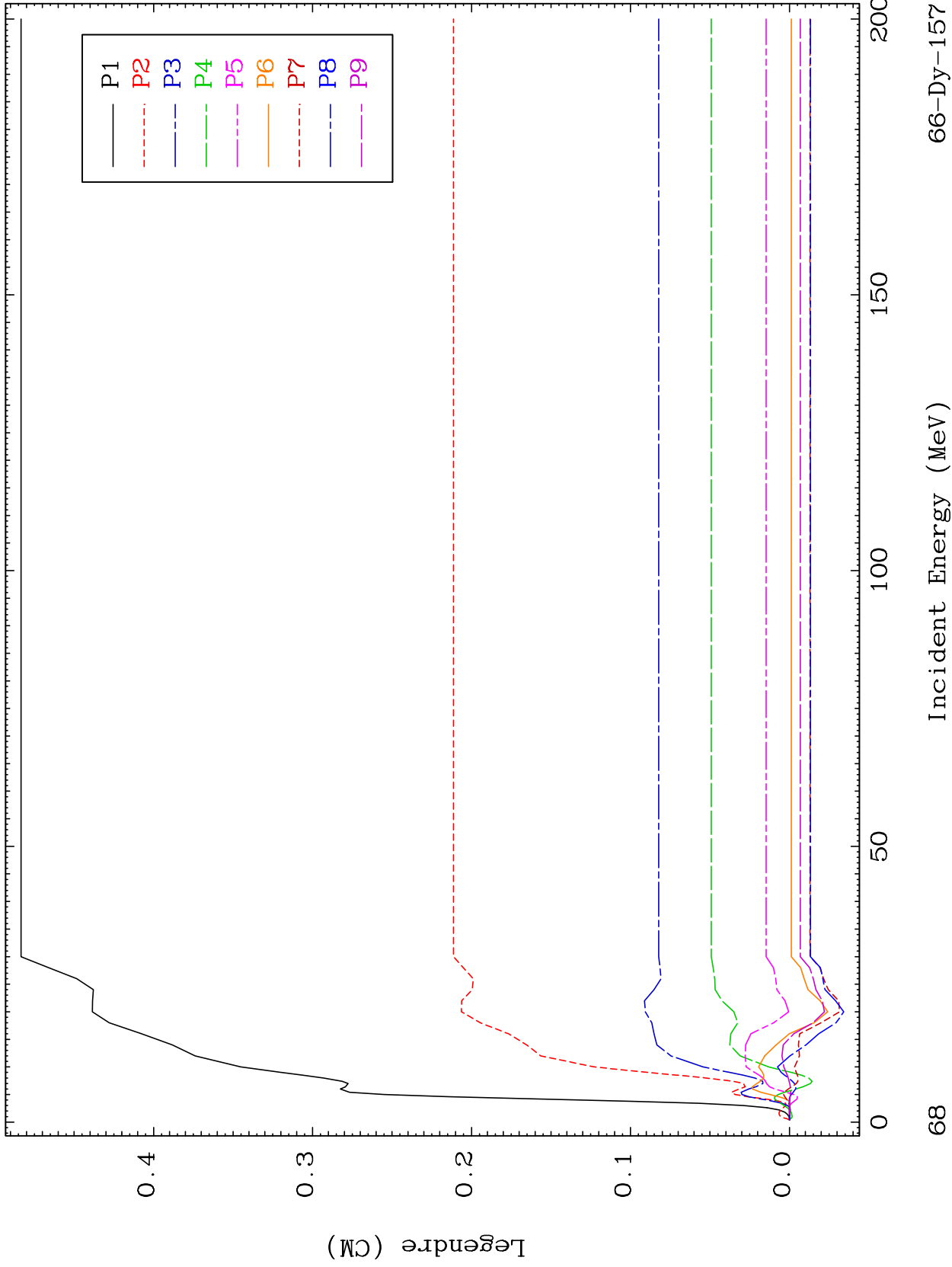
66-Dy-157



MAT 6628

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

66-Dy-157



66-Dy-157

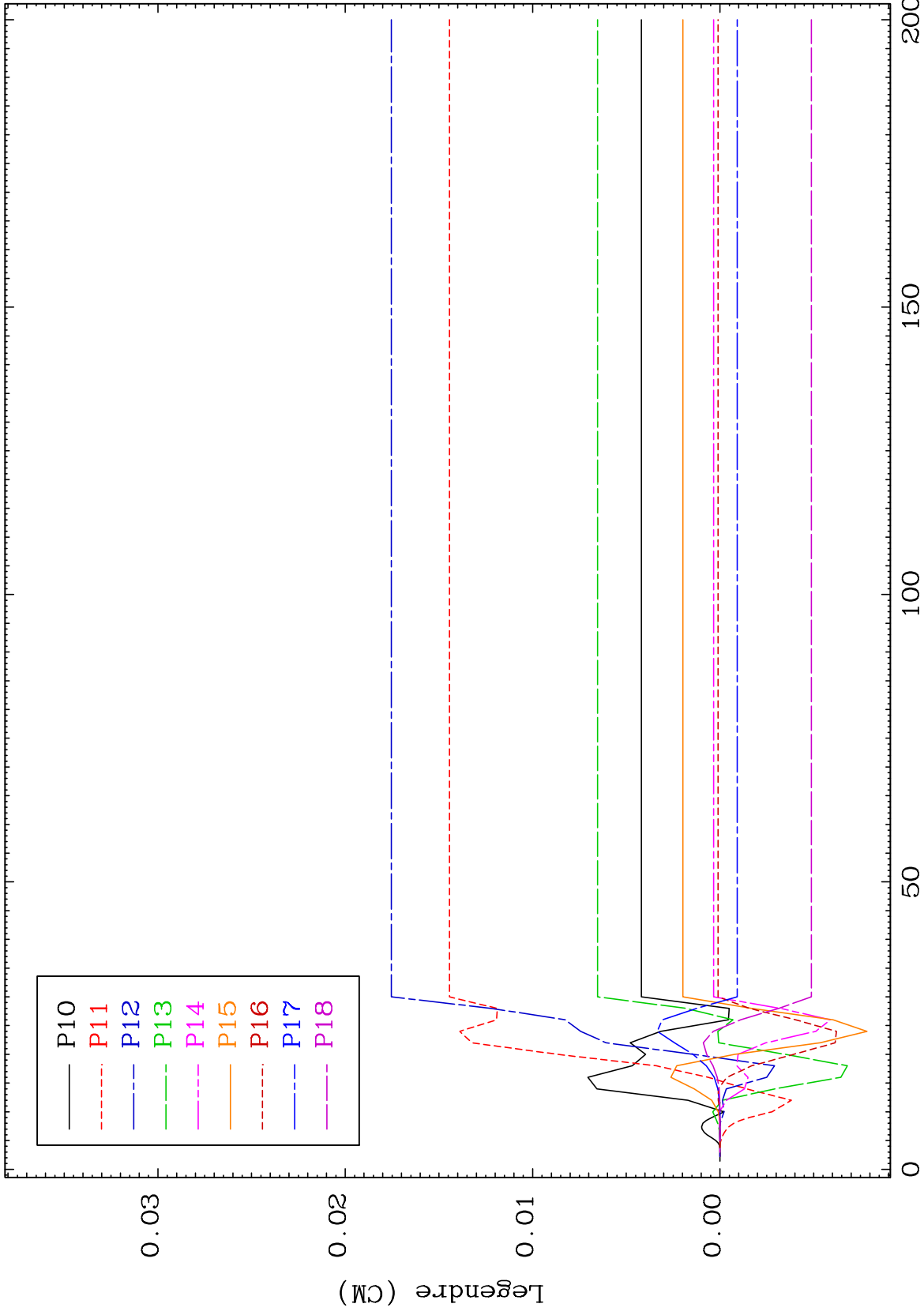
Incident Energy (MeV)

68

MAT 6628

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

66-Dy-157



69

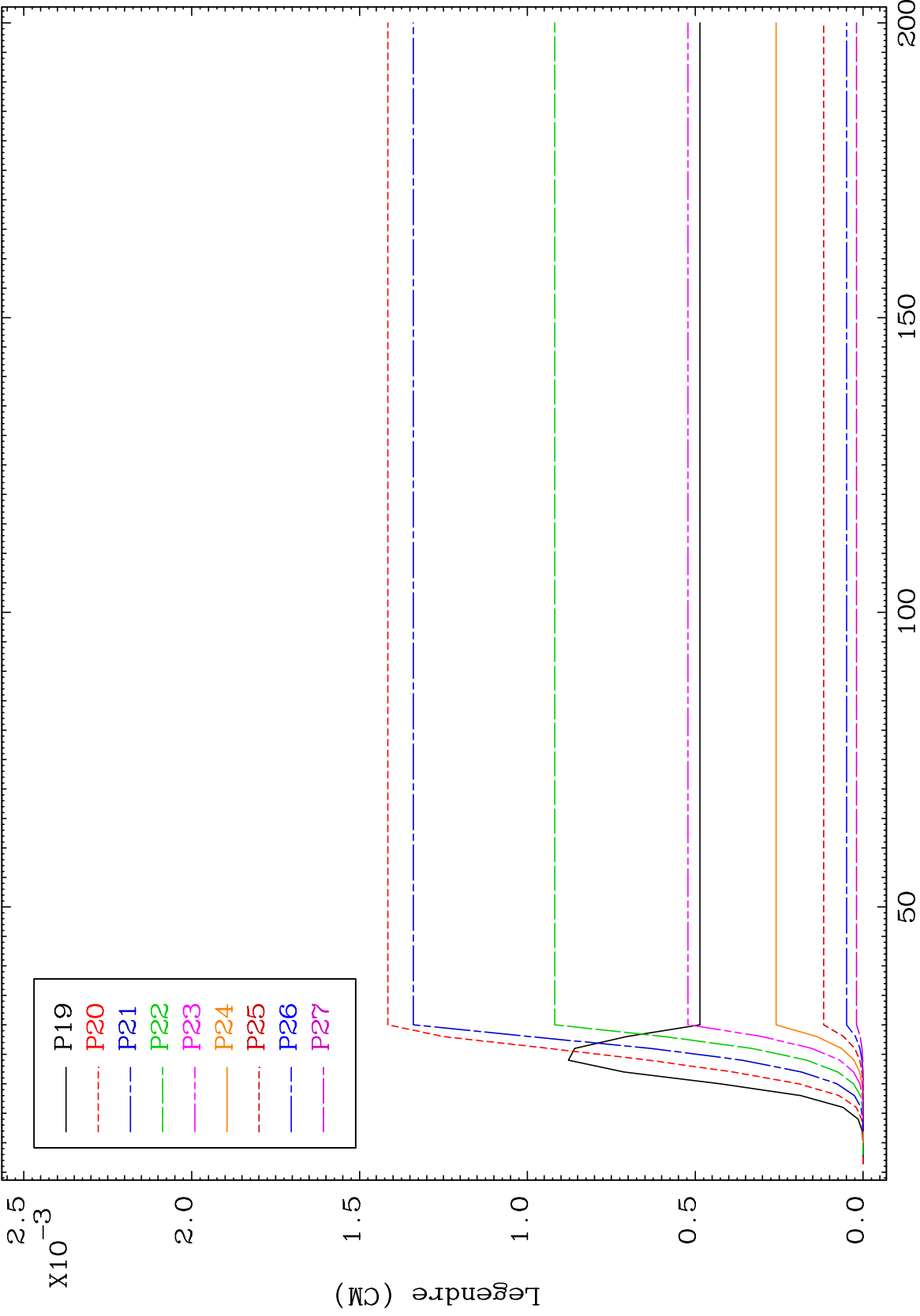
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



70

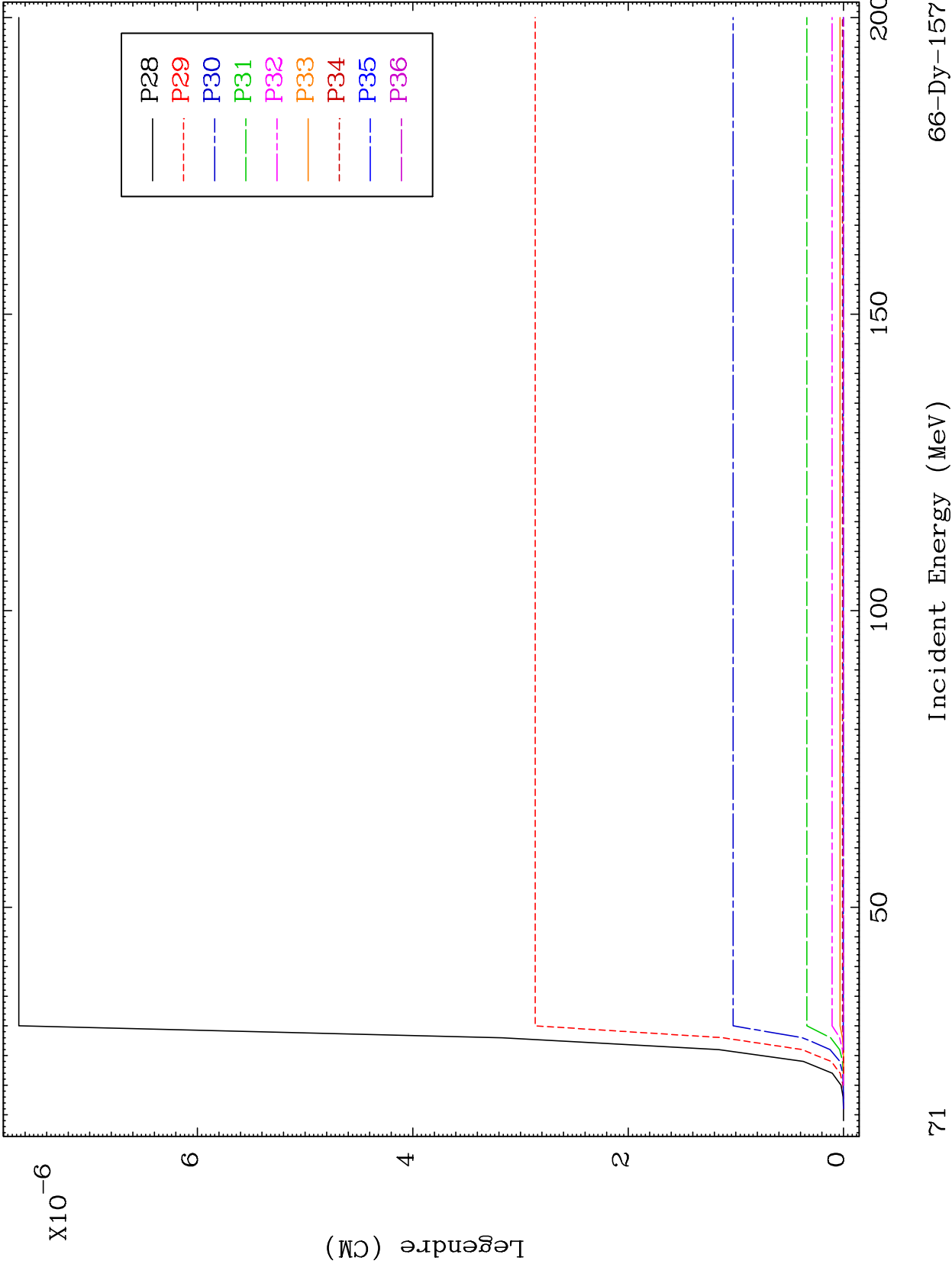
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



71

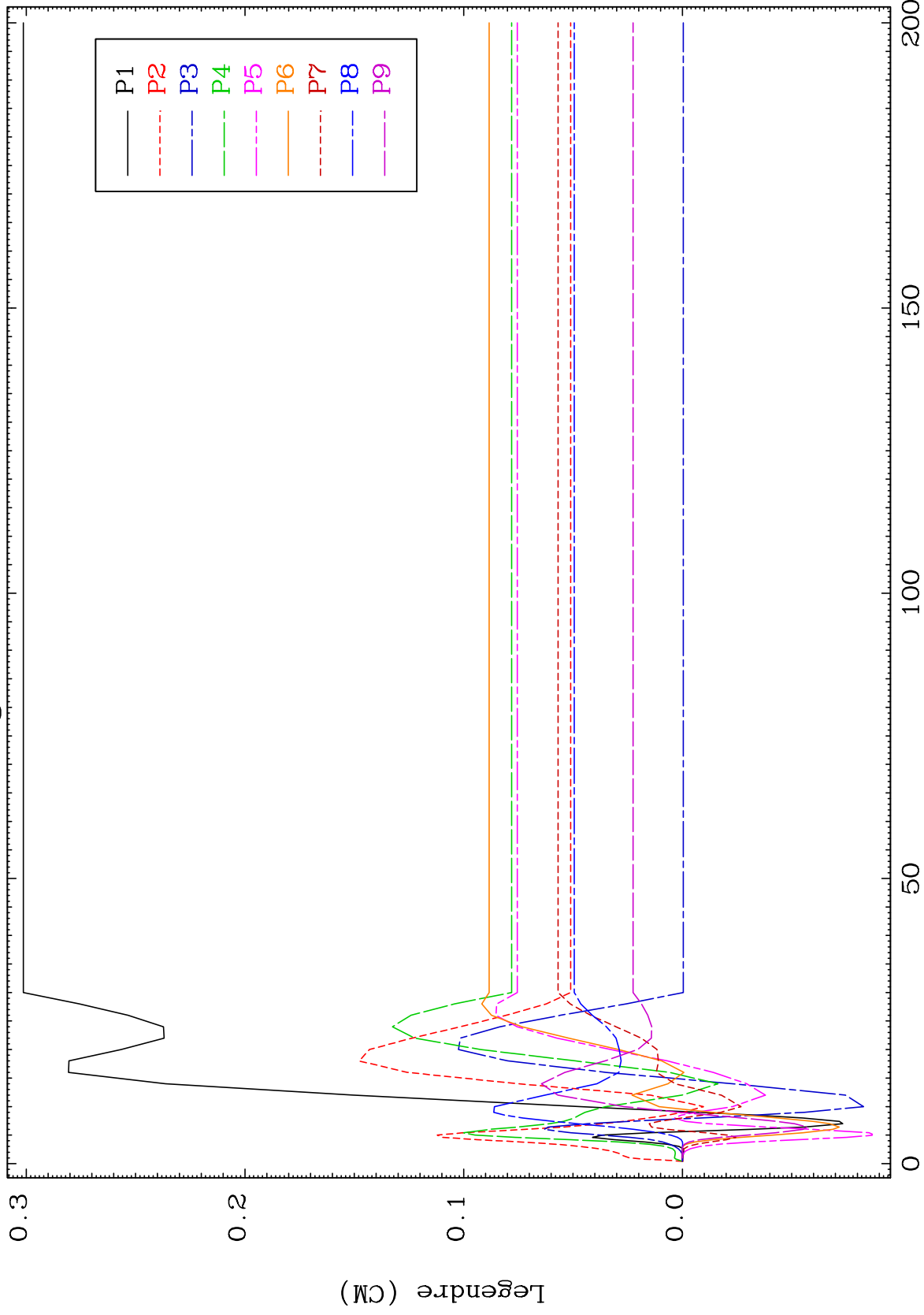
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



72

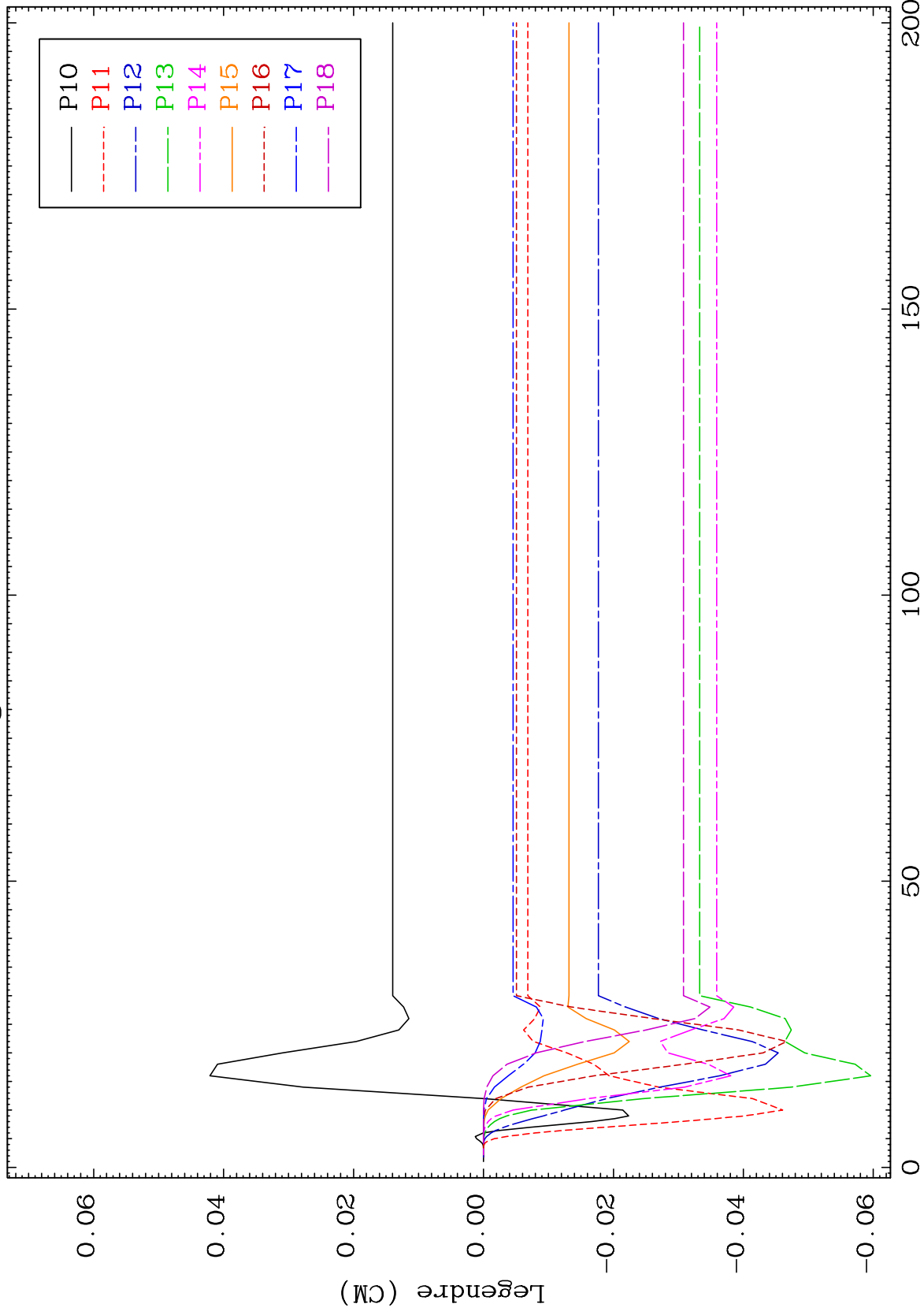
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



73

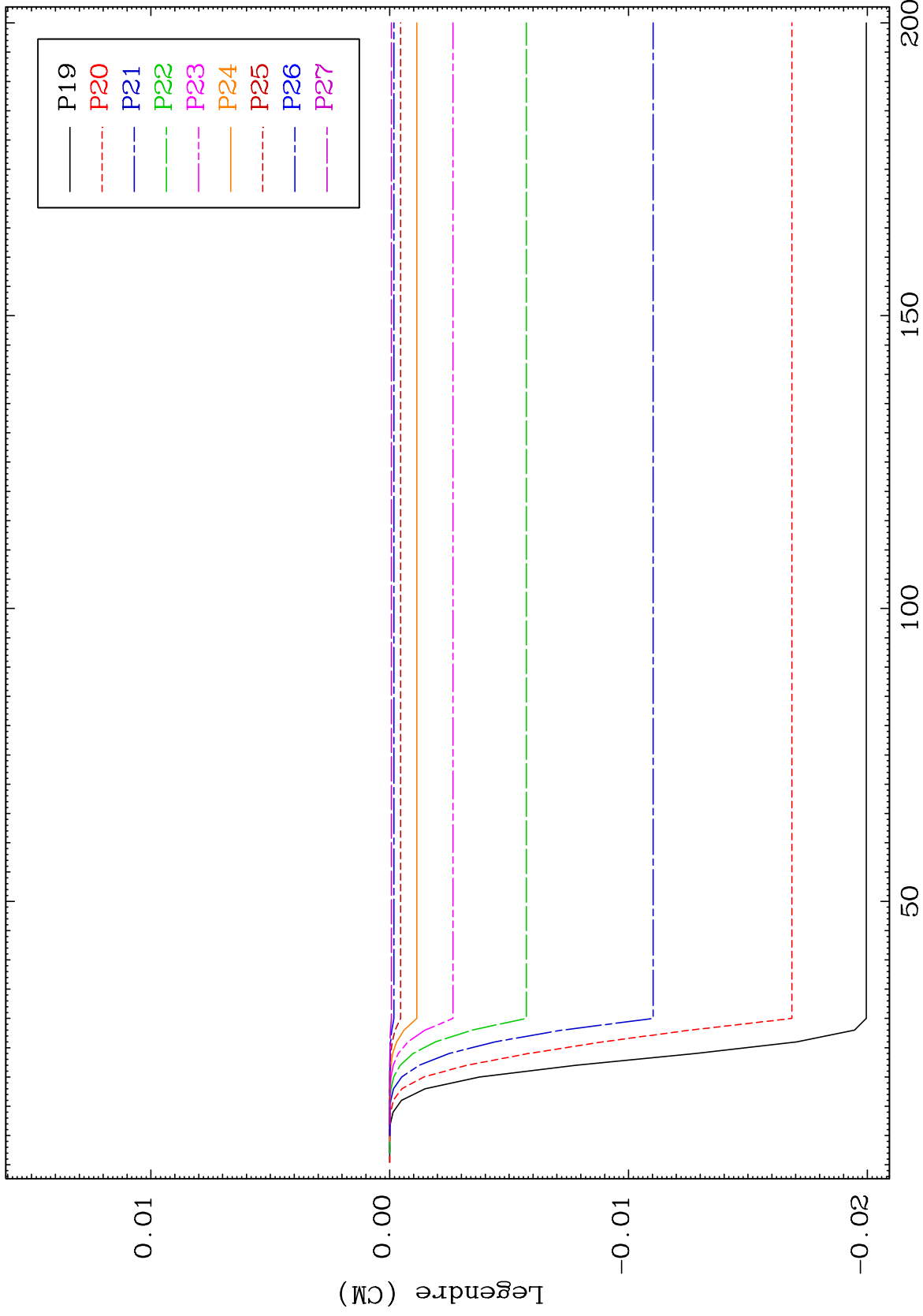
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



74

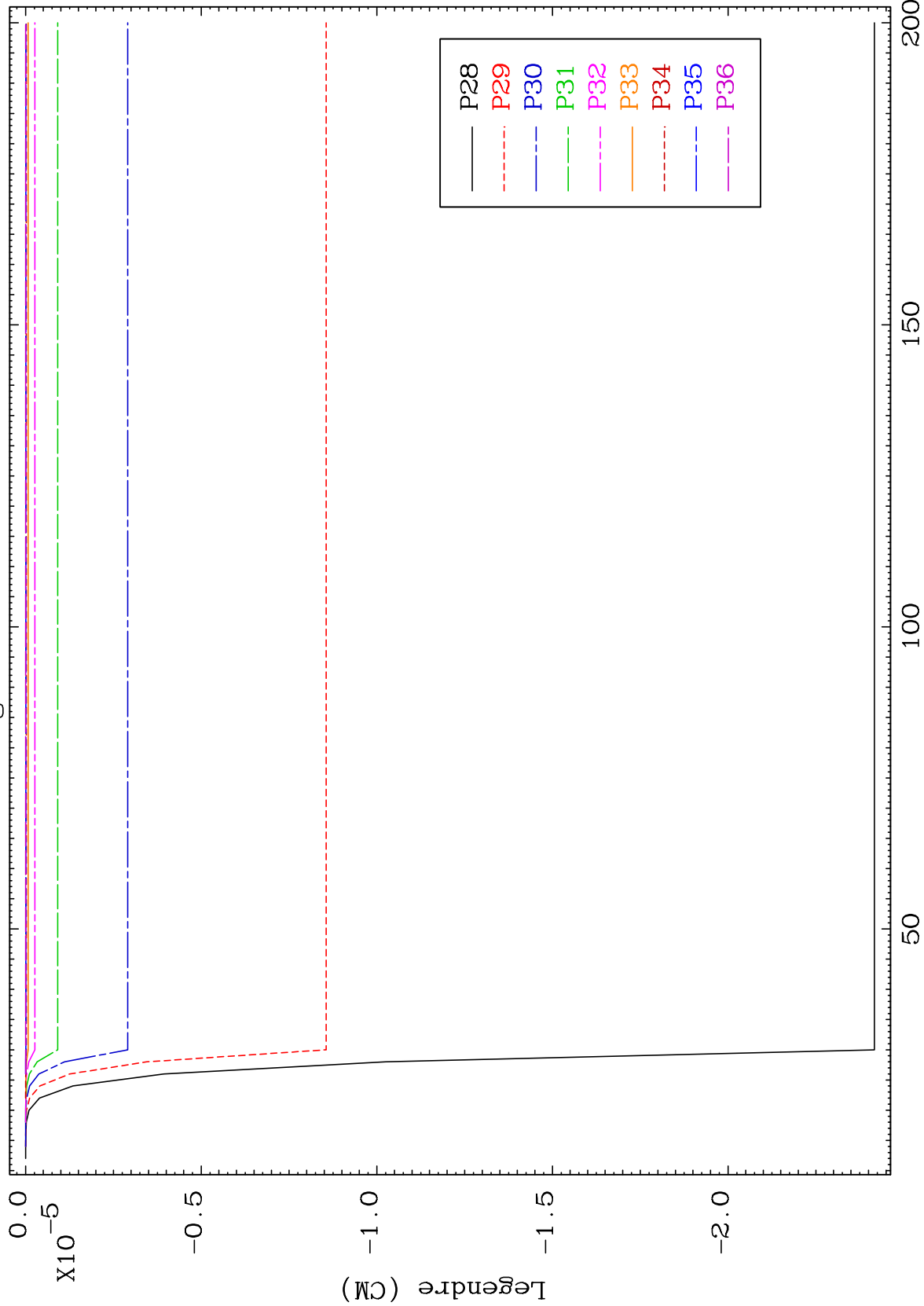
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



75

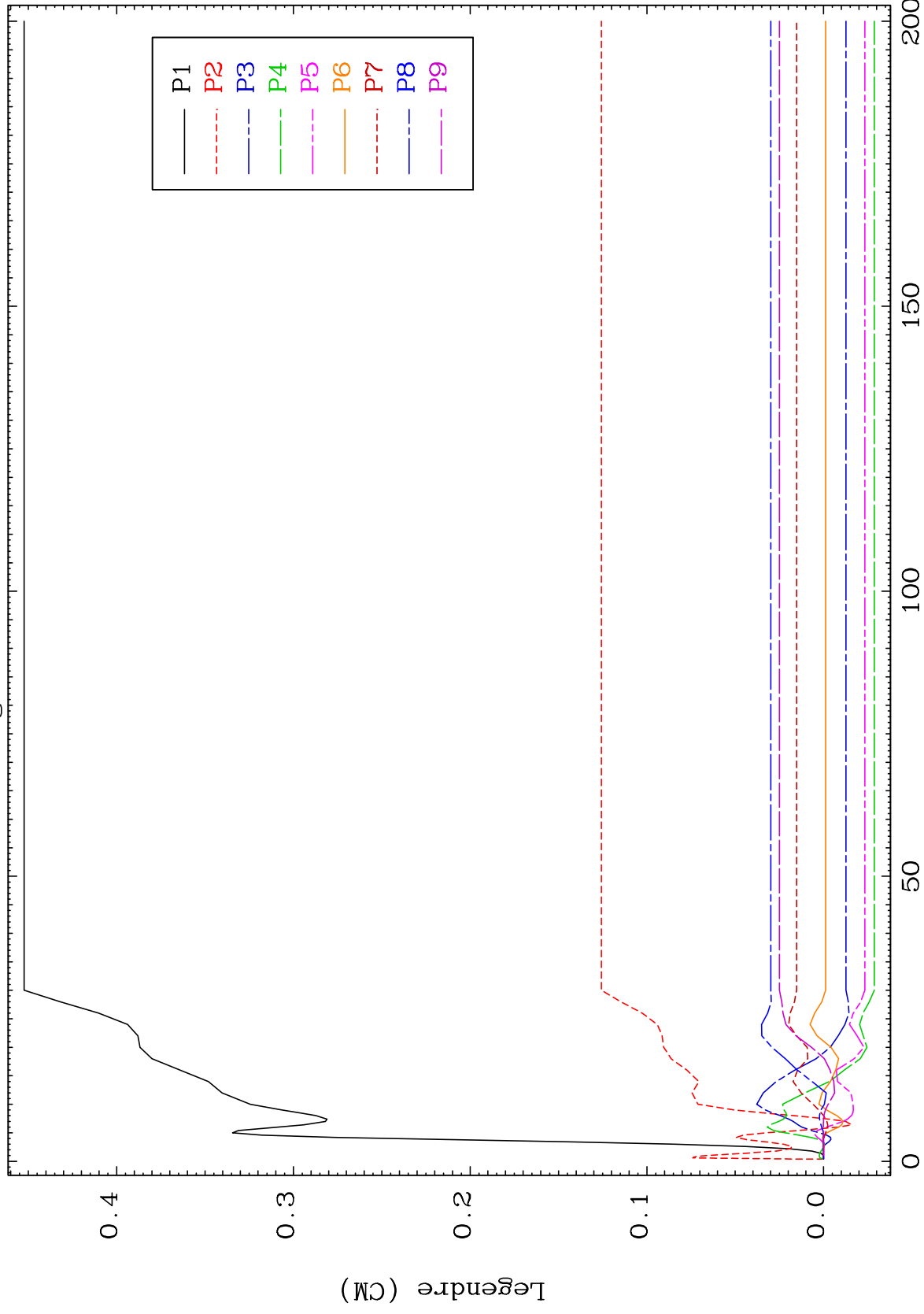
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



76

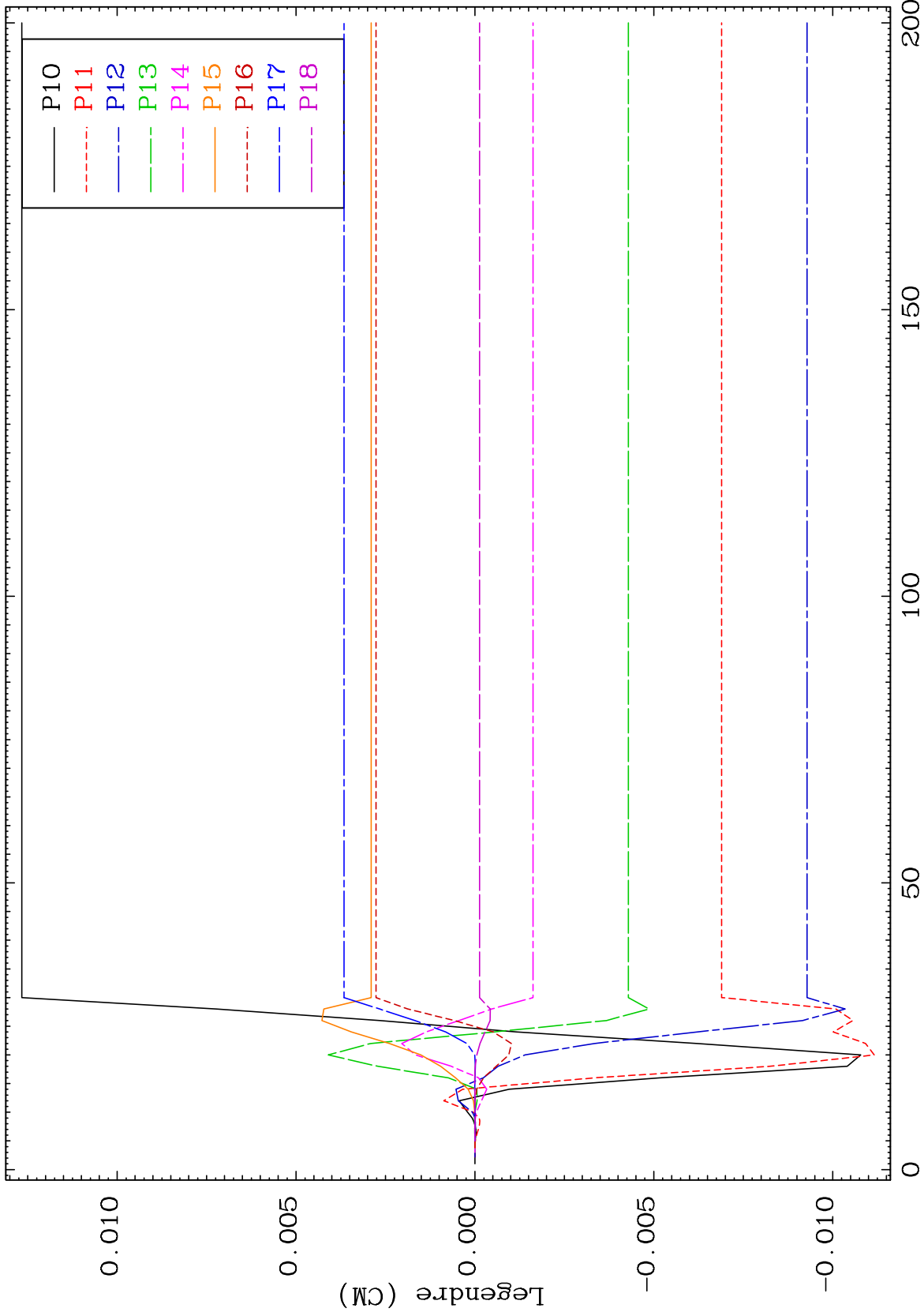
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



77

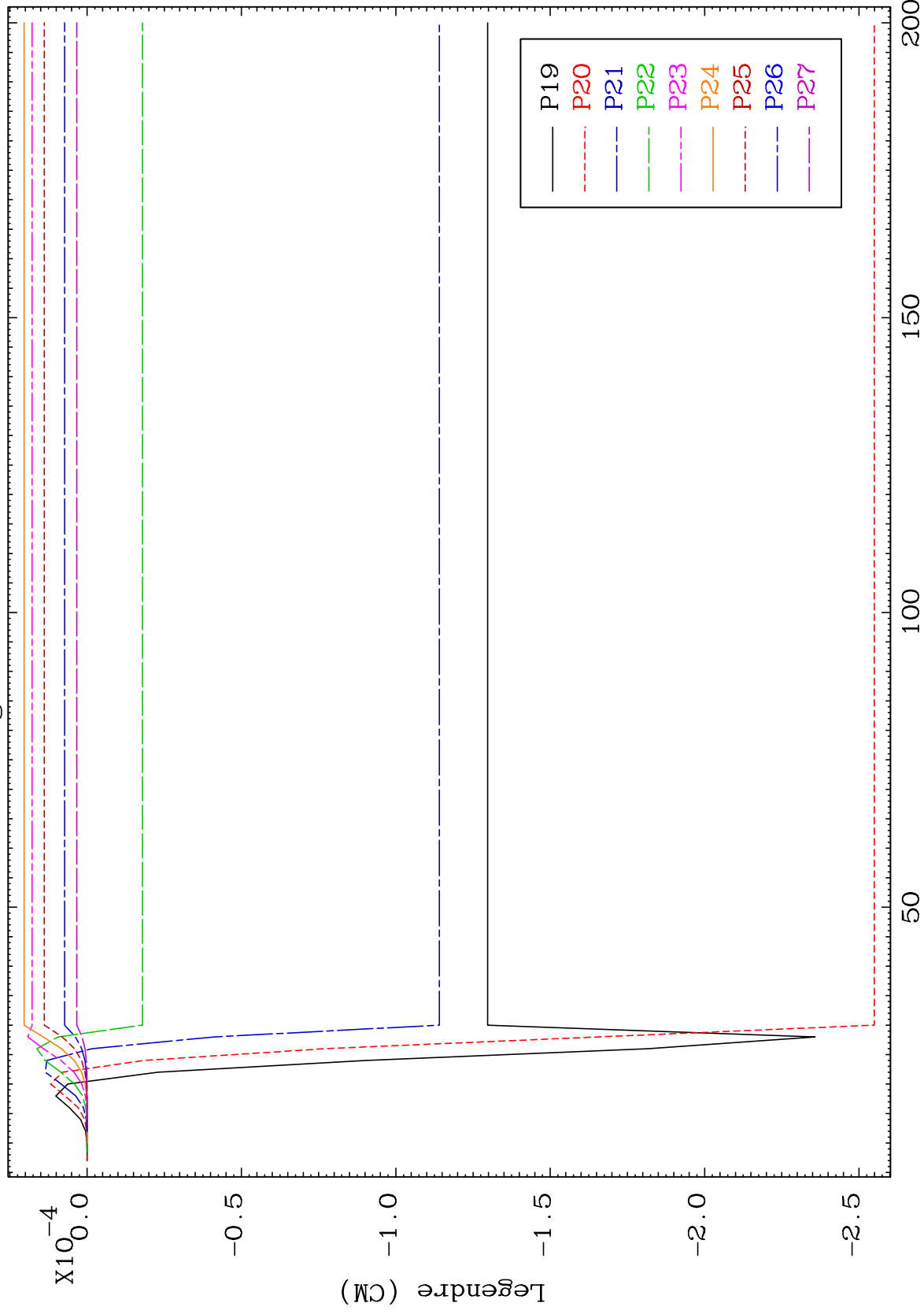
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



78

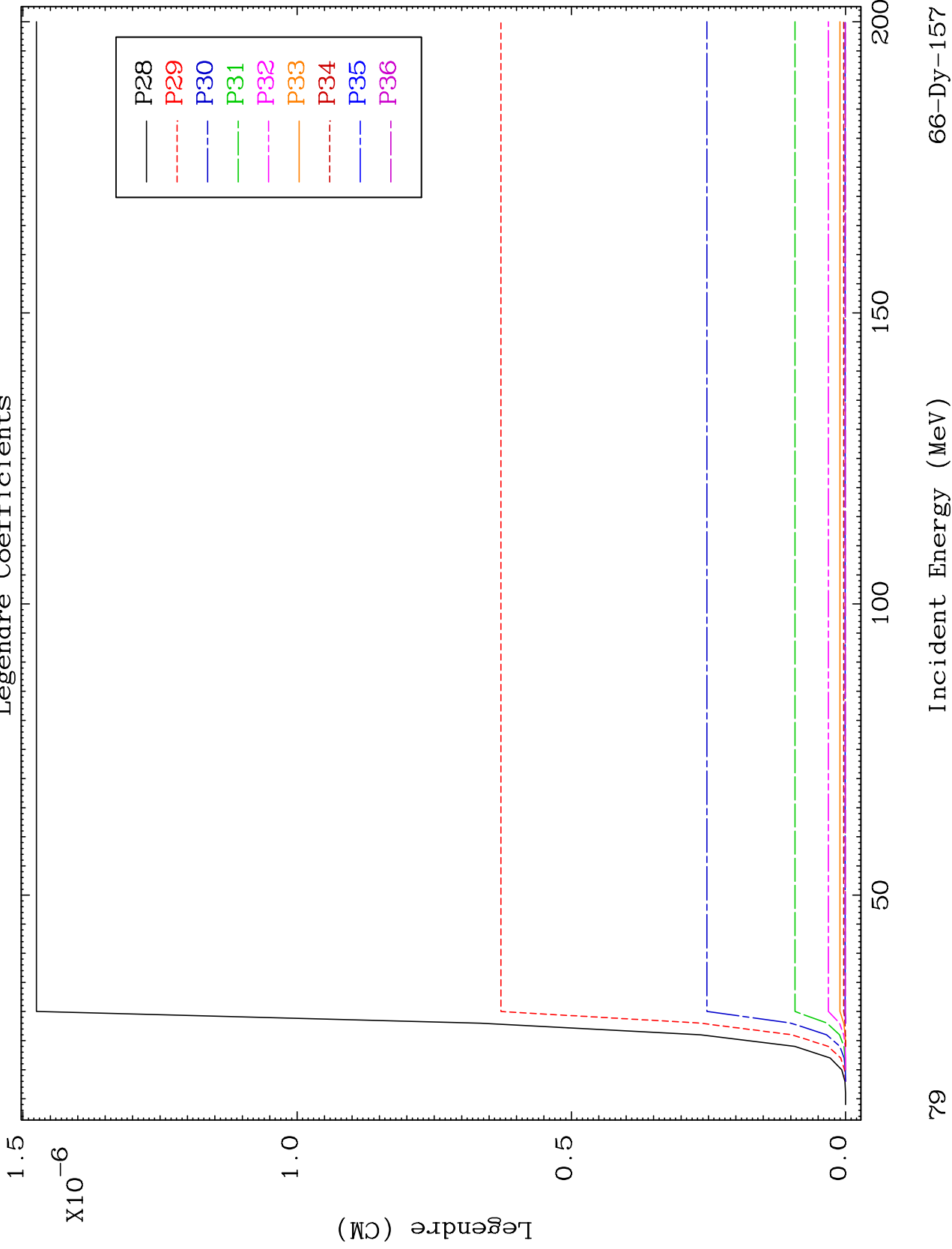
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



79

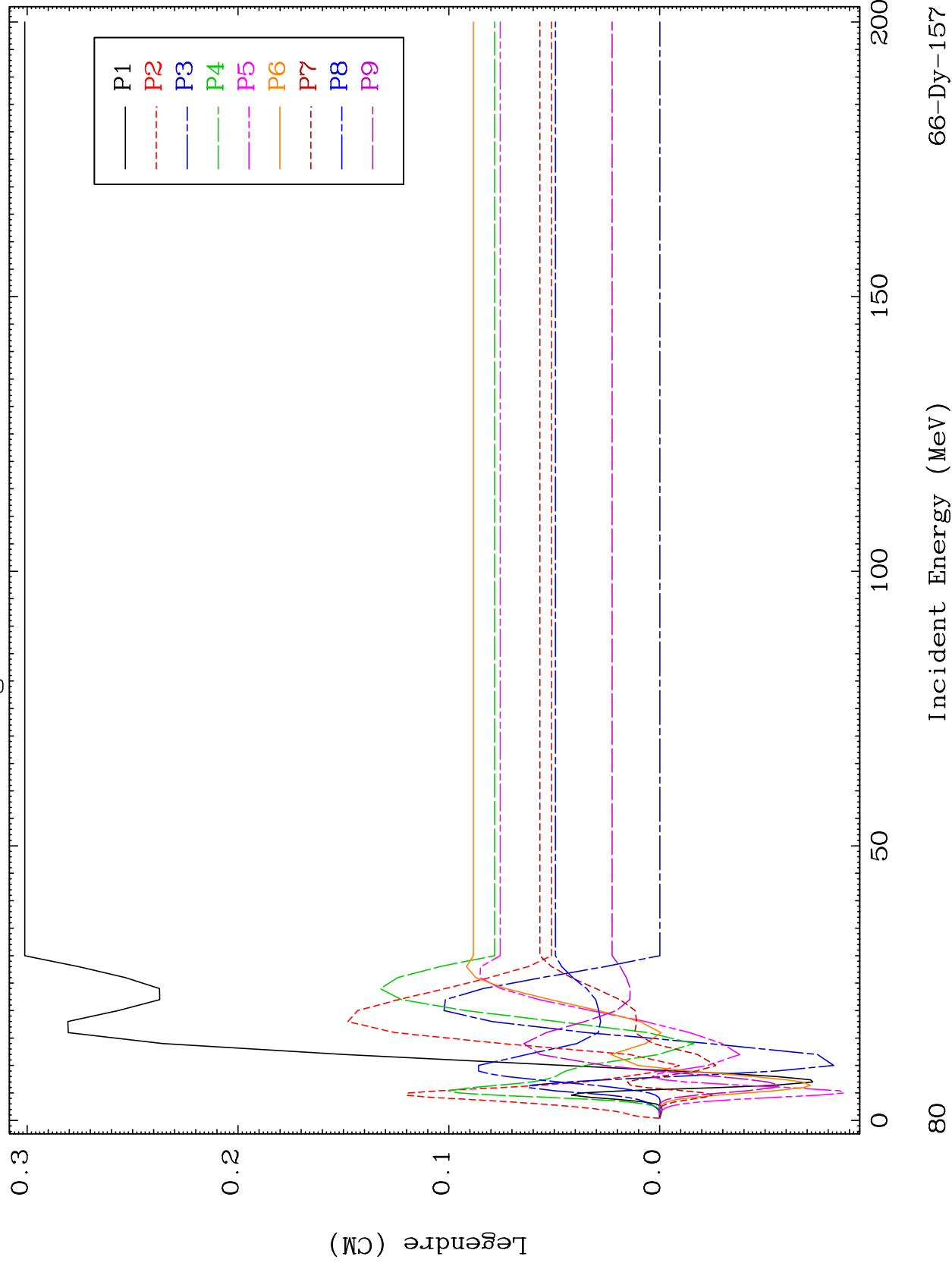
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



66-Dy-157

Incident Energy (MeV)

80

200

150

100

50

Legendre (CM)

0.3

0.2

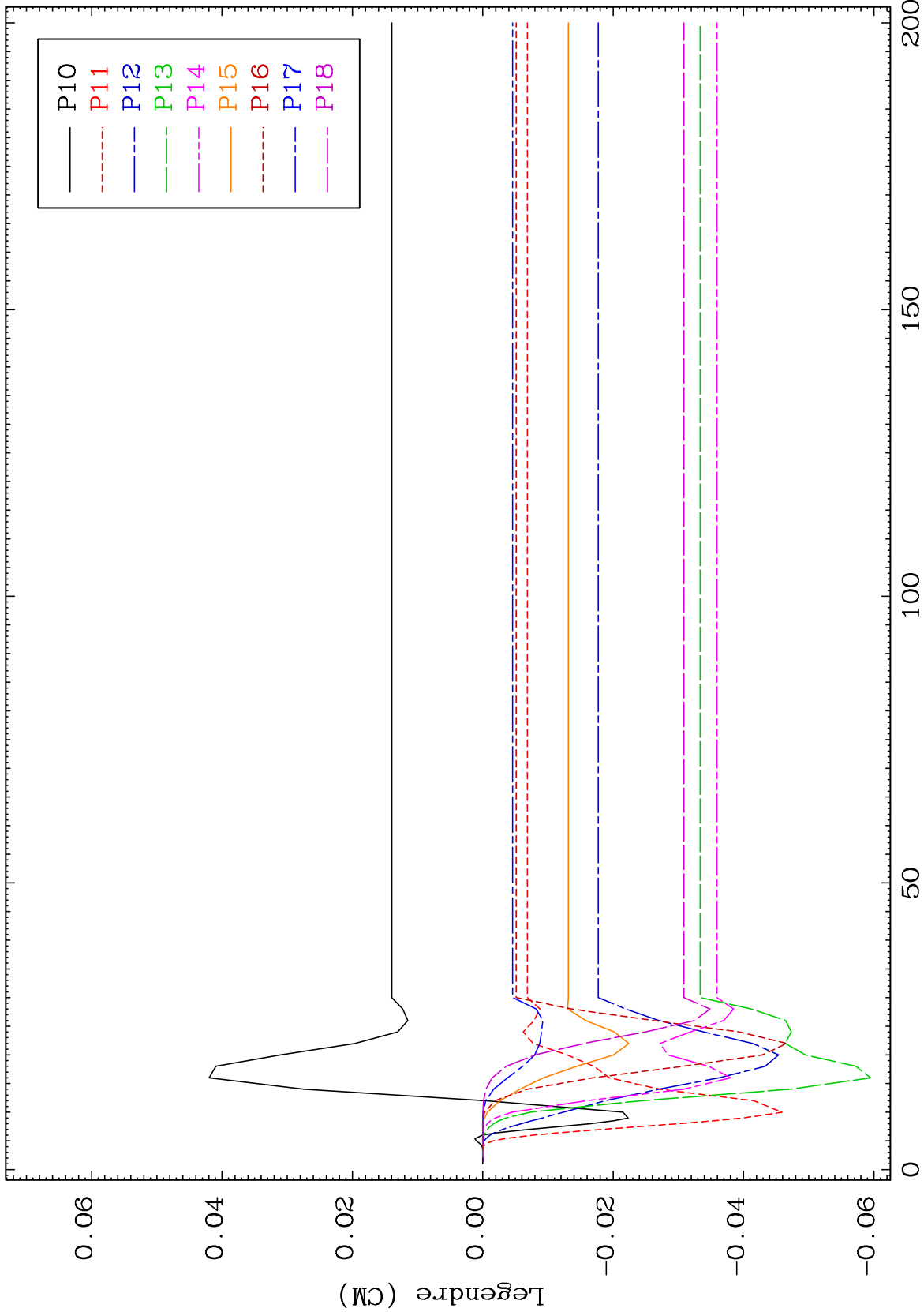
0.1

0.0

MAT 6628

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

66-Dy-157



81

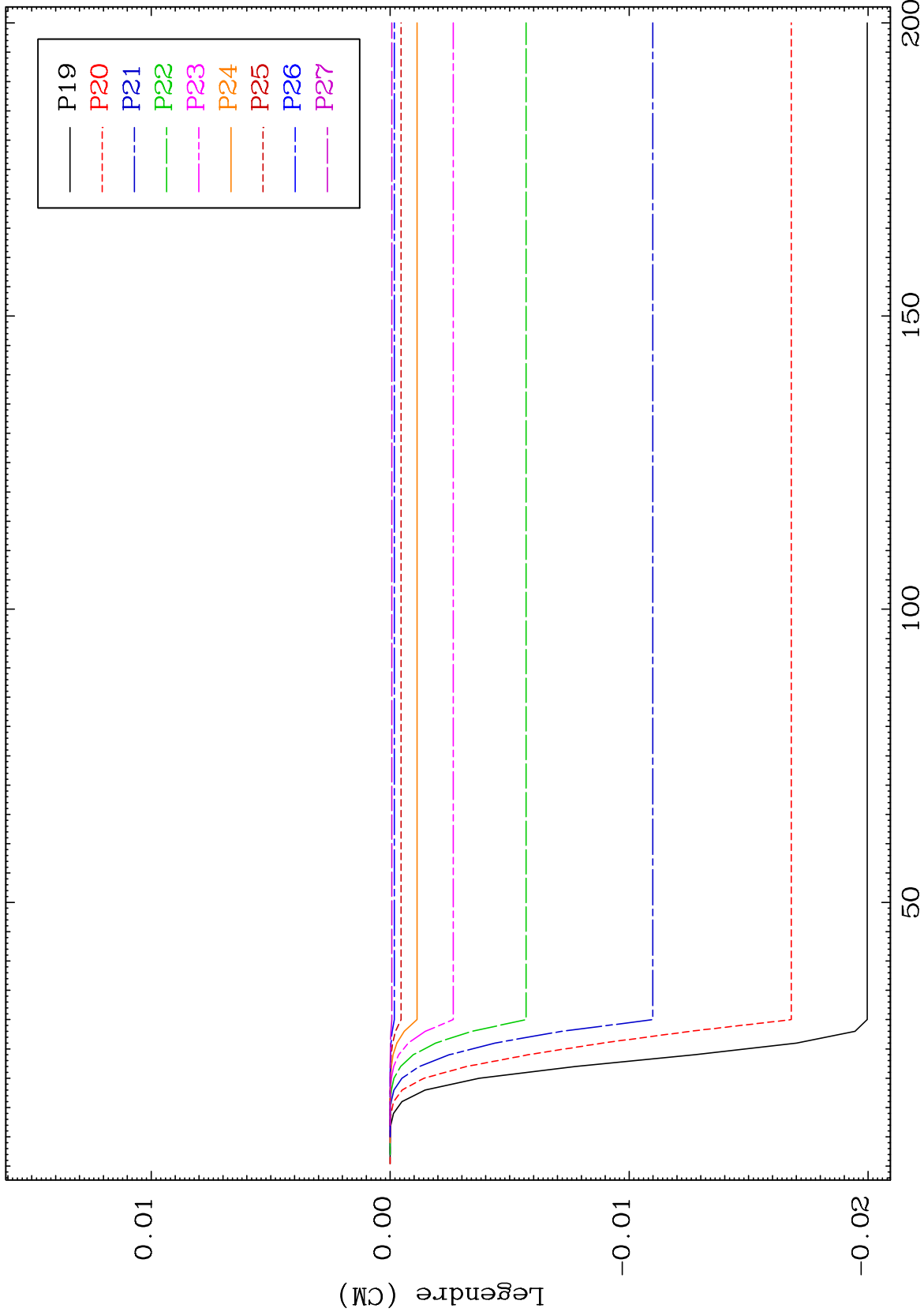
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



82

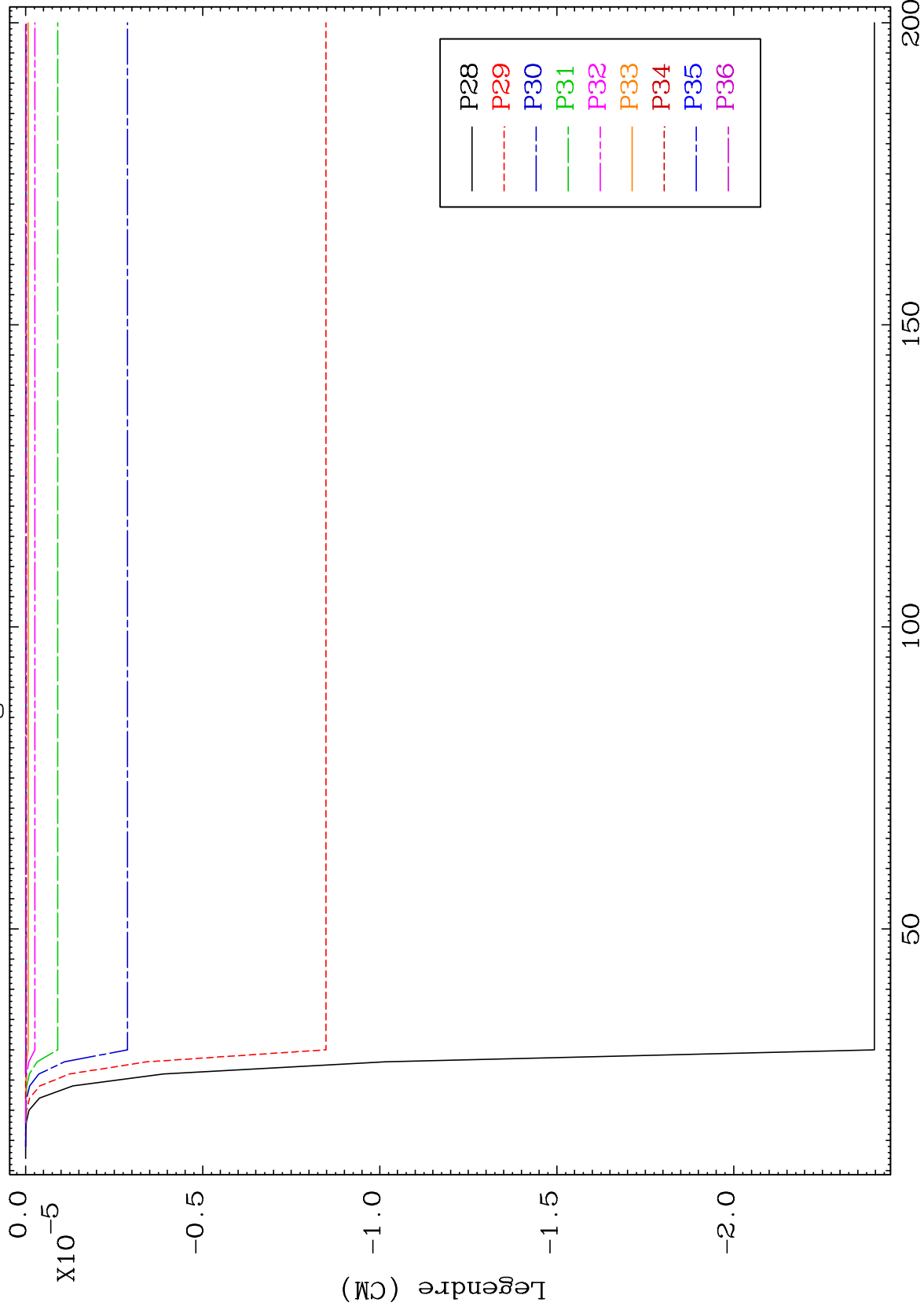
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157

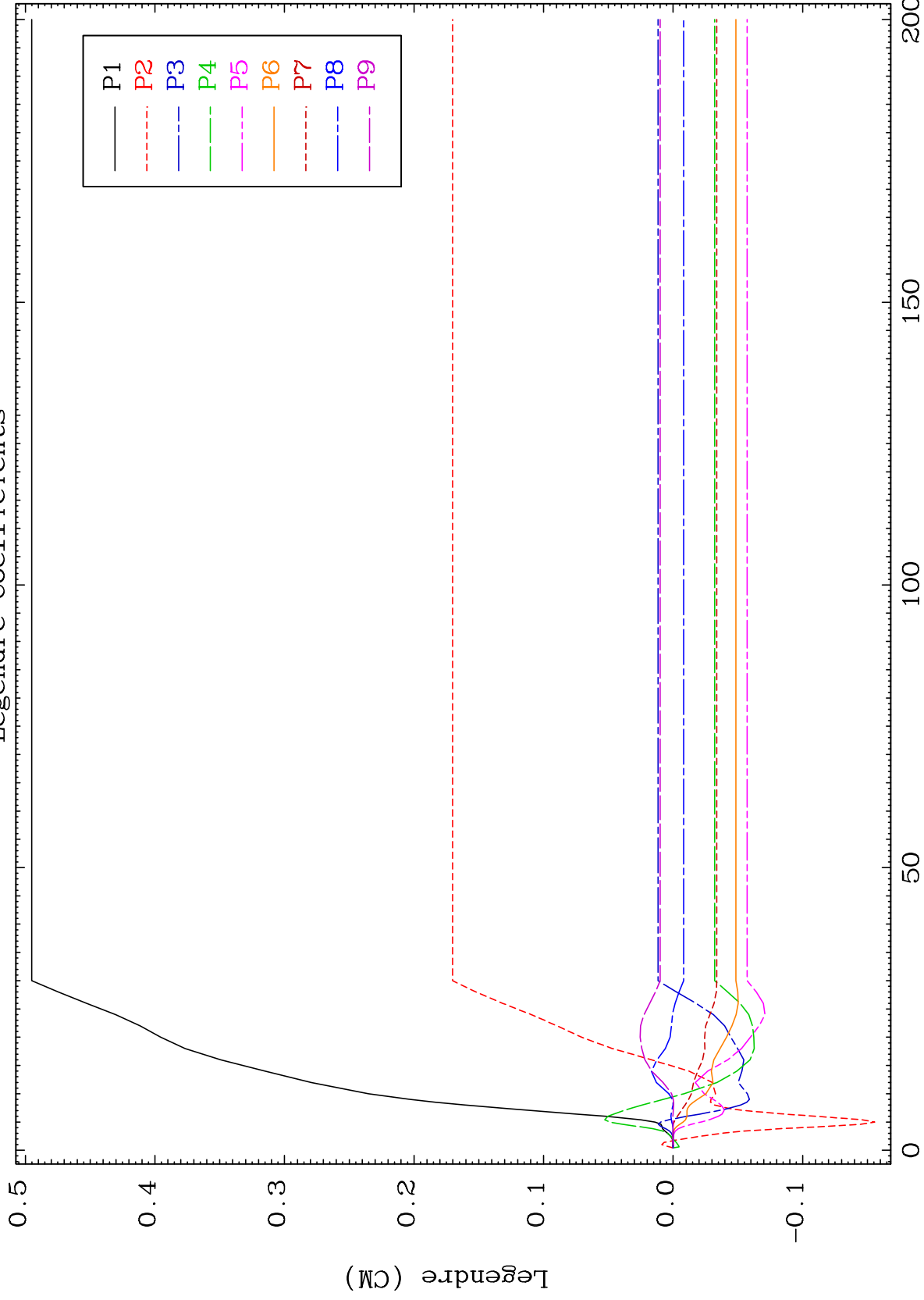


MAT 6628

MT= 67 (n,n') Level

66-Dy-157

Legendre Coefficients



84

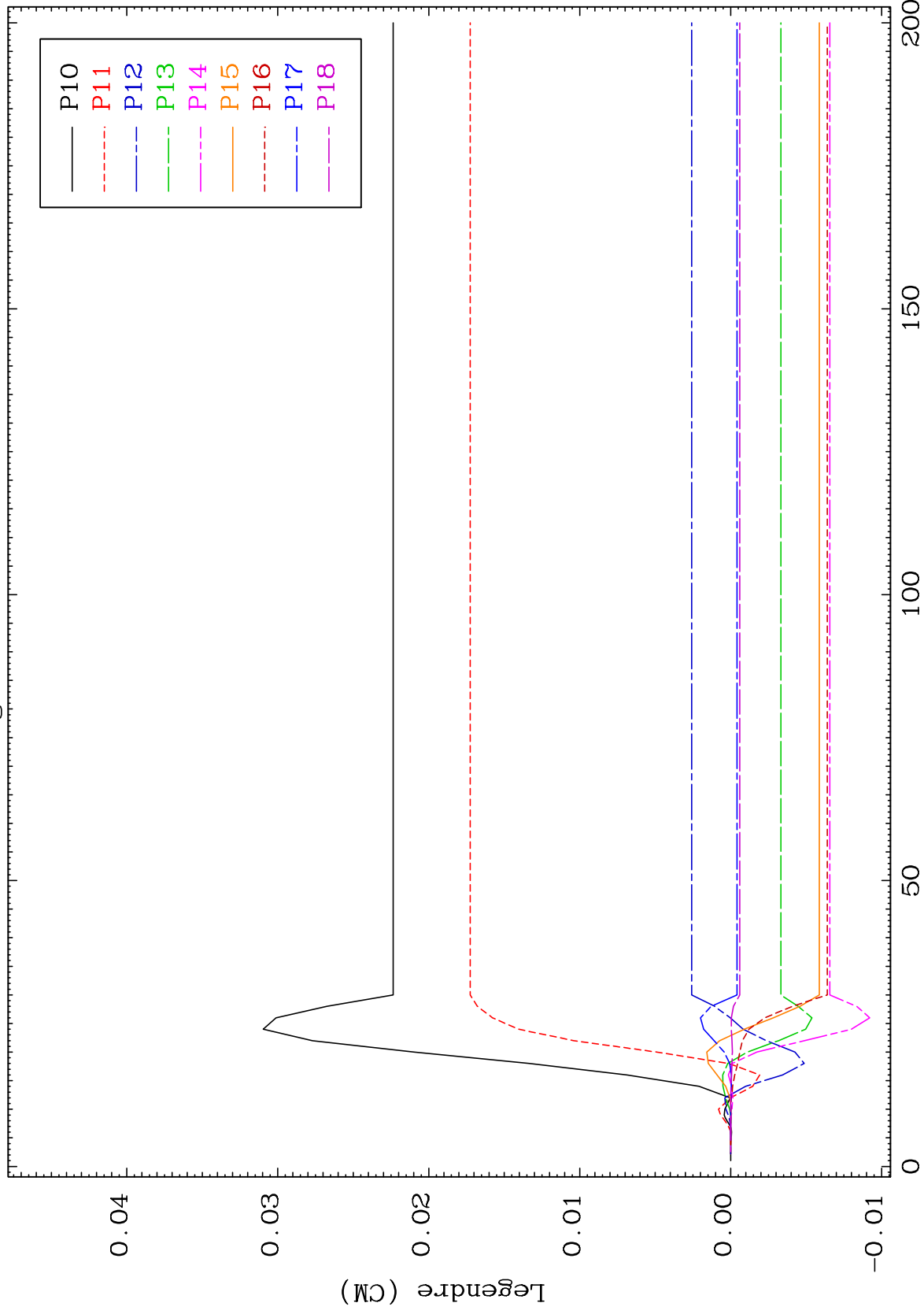
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

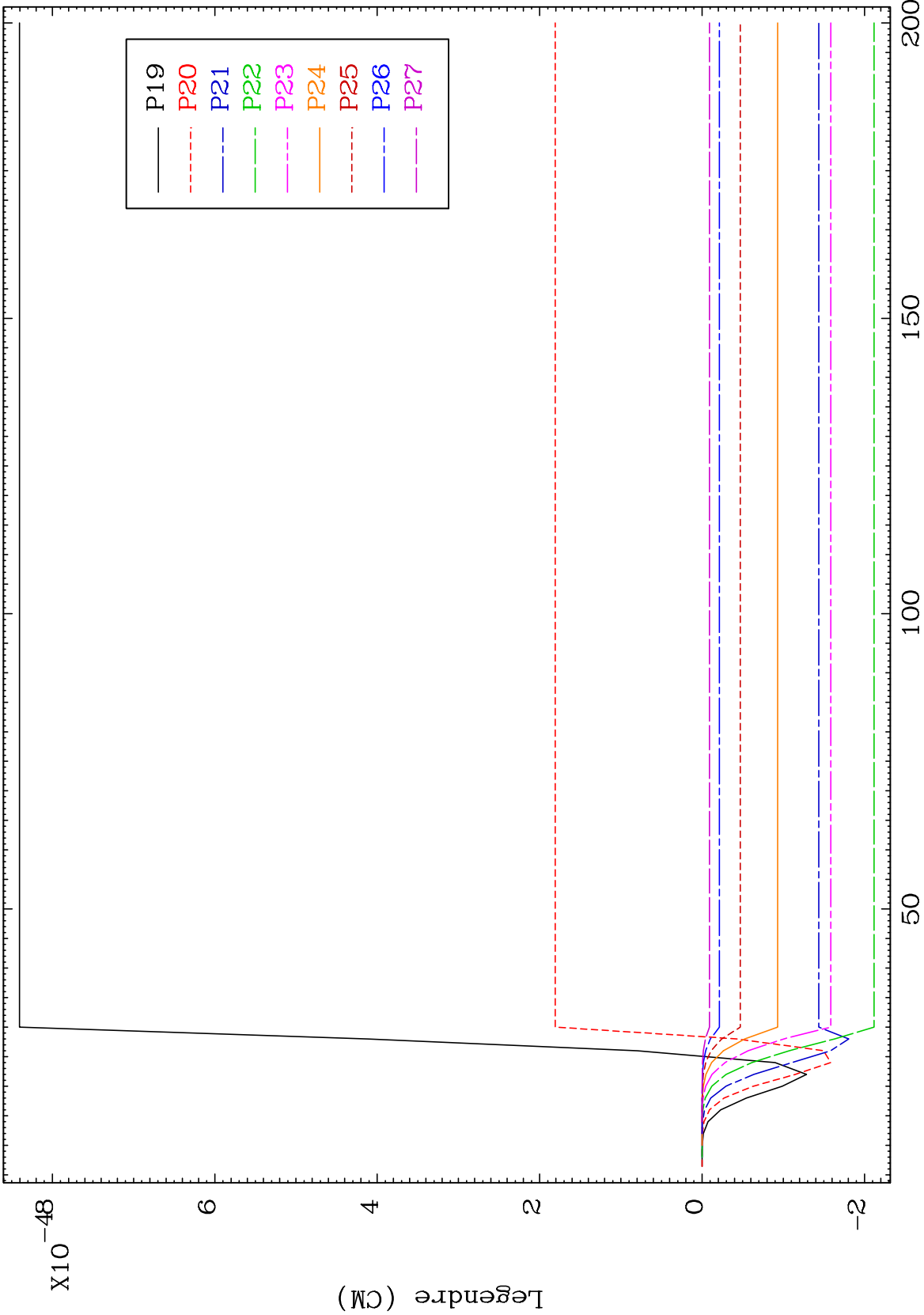
66-Dy-157



66-Dy-157

Incident Energy (MeV)

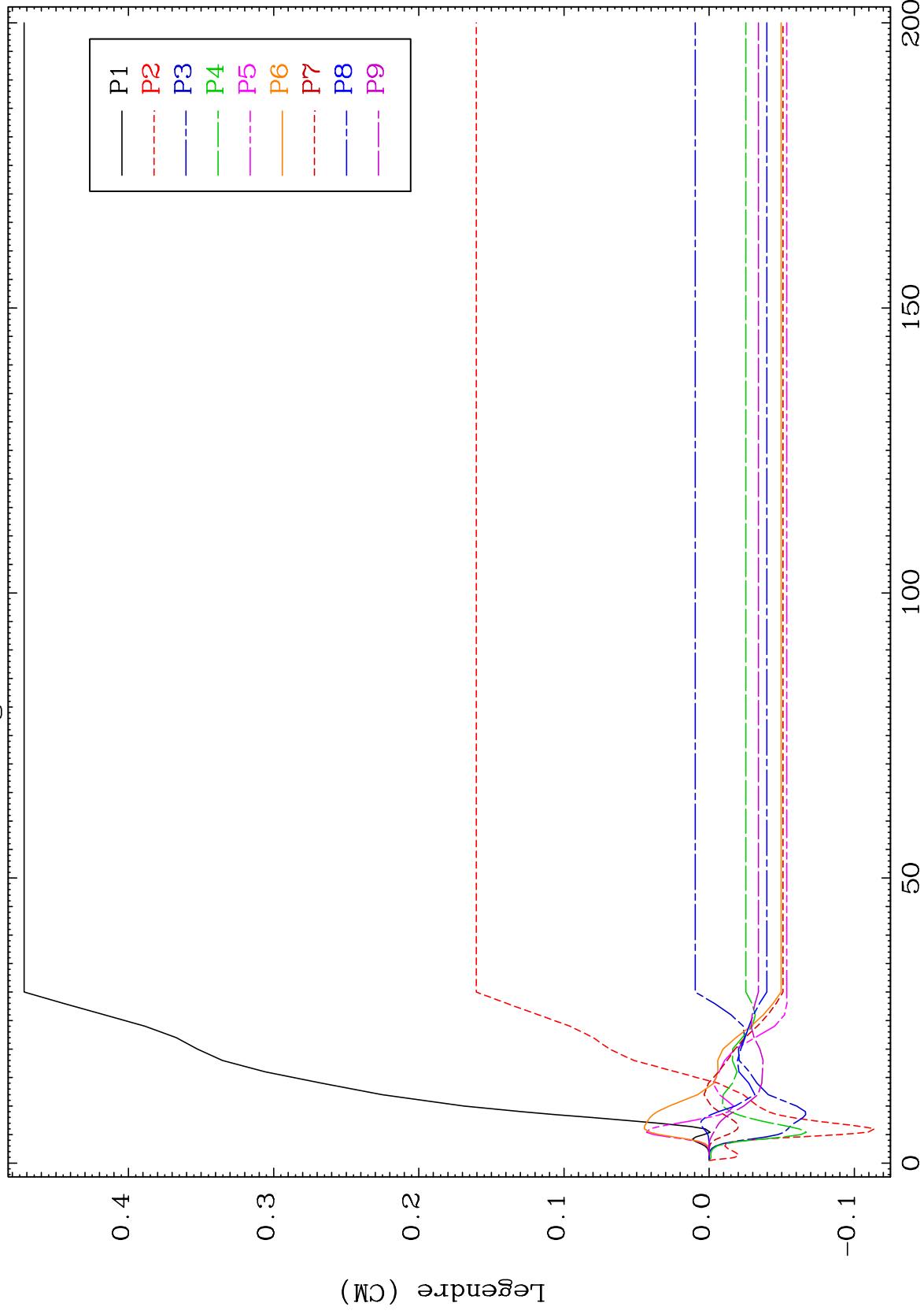
85



MAT 6628

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

66-Dy-157



88

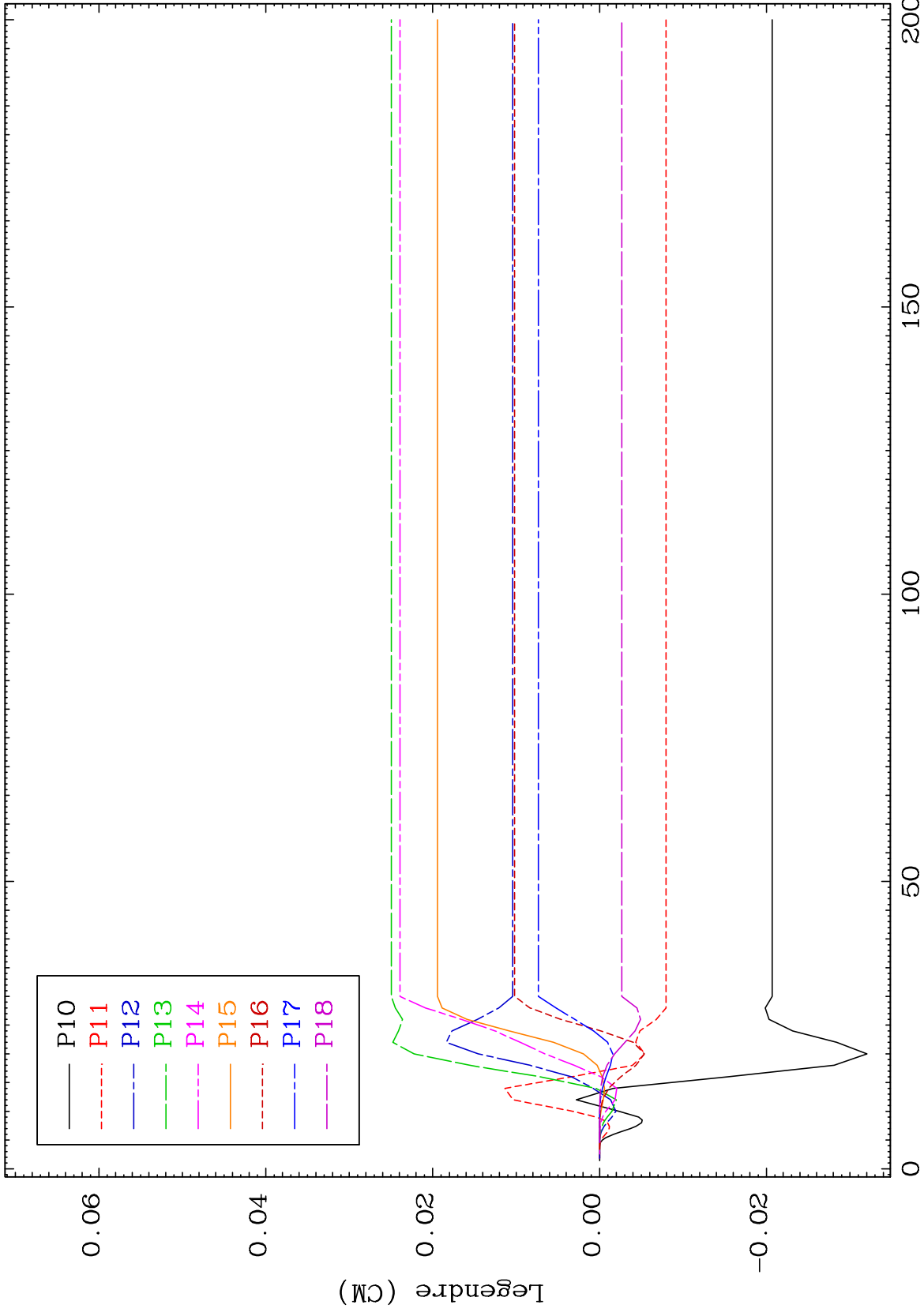
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



89

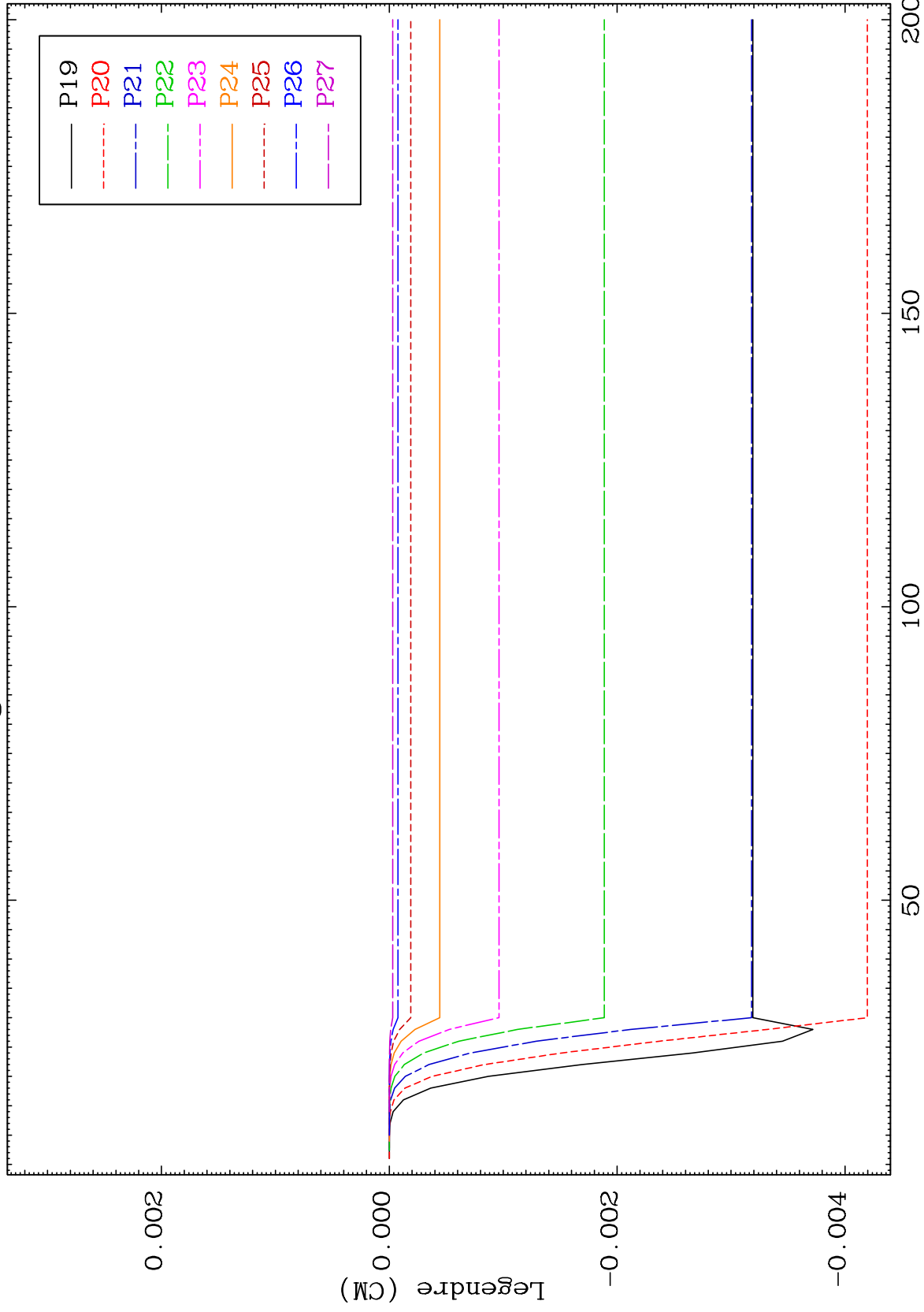
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

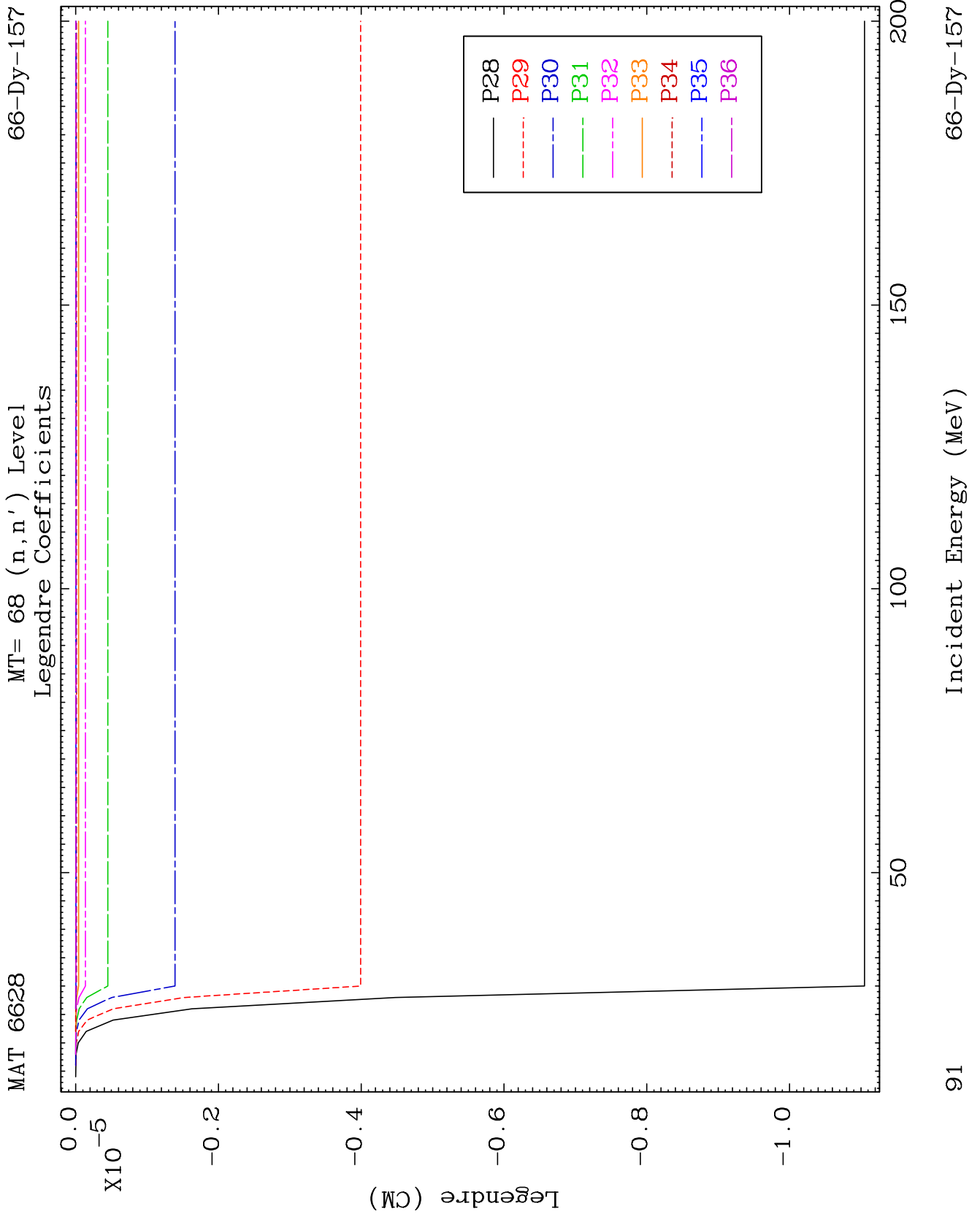
66-Dy-157



90

Incident Energy (MeV)

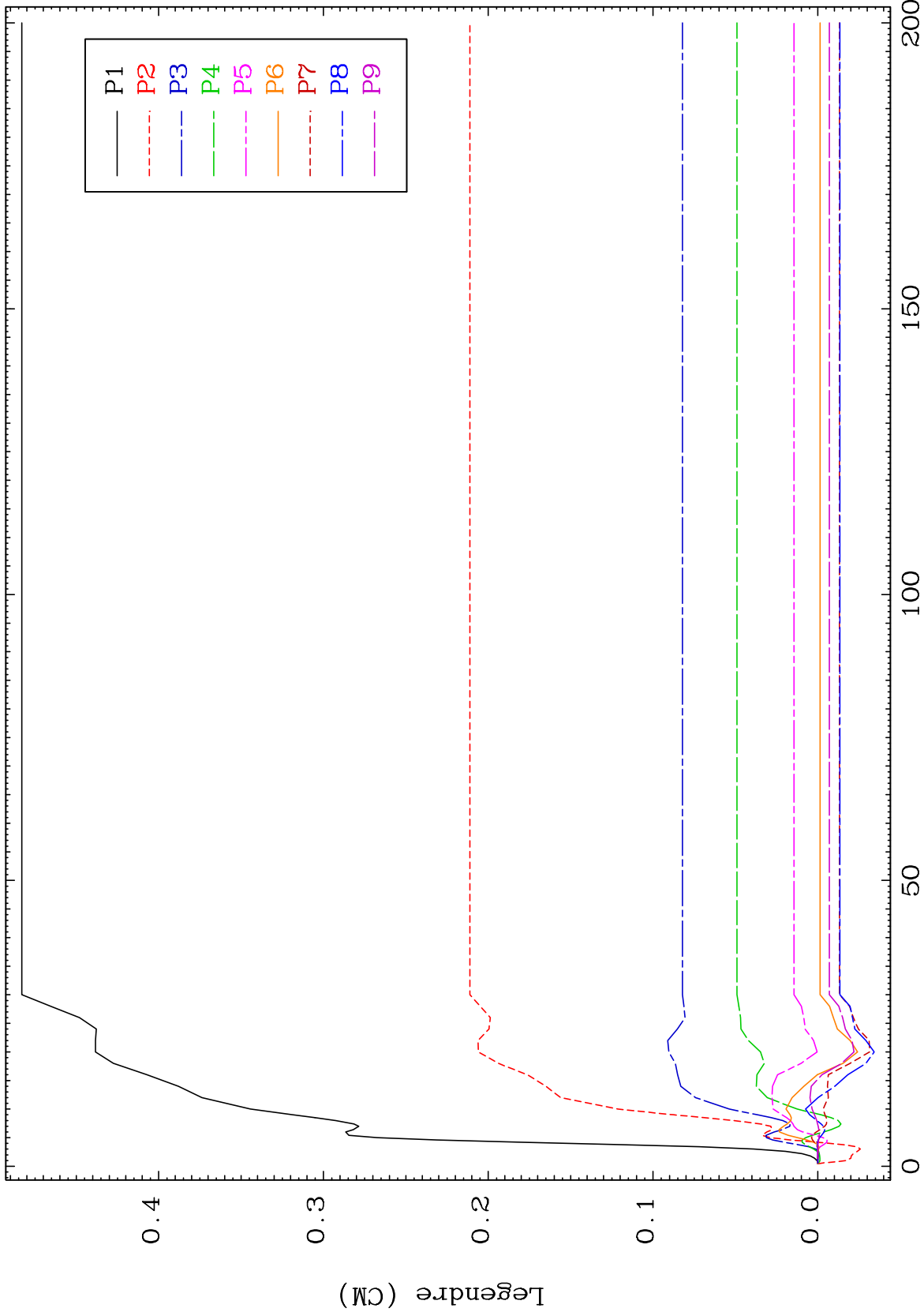
66-Dy-157



MAT 6628

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

66-Dy-157



92

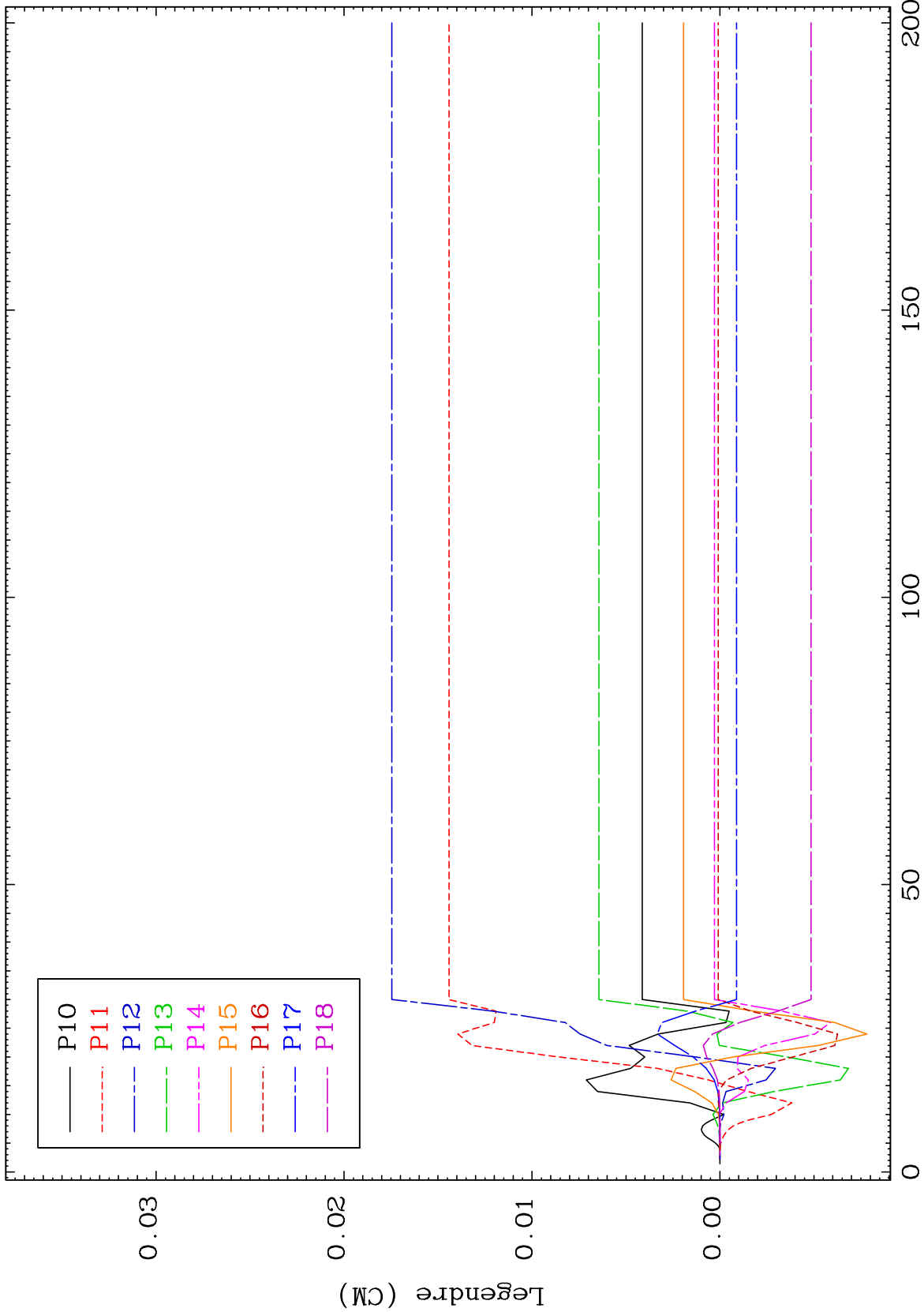
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

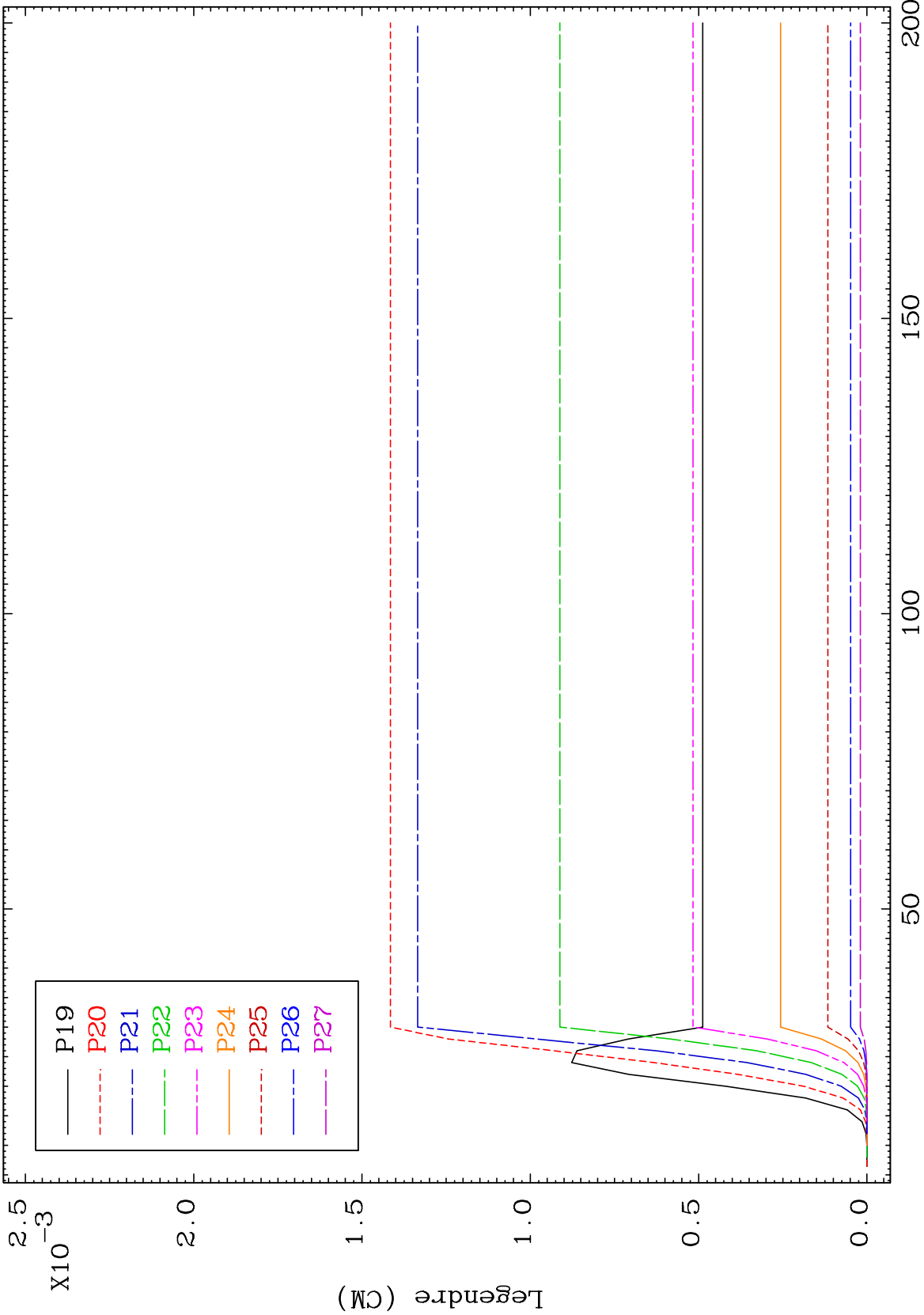
66-Dy-157



93

Incident Energy (MeV)

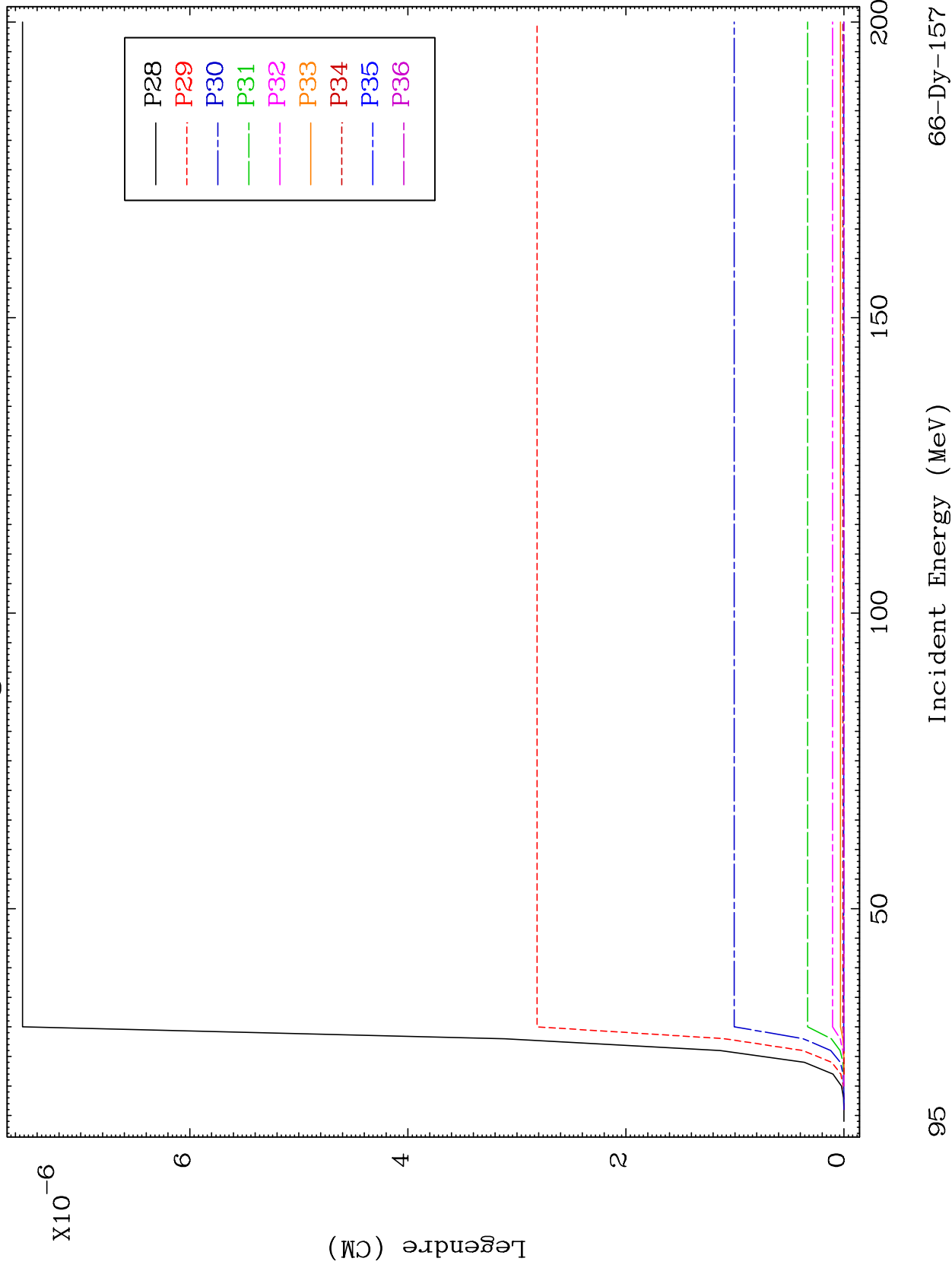
66-Dy-157



MAT 6628

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

66-Dy-157



95

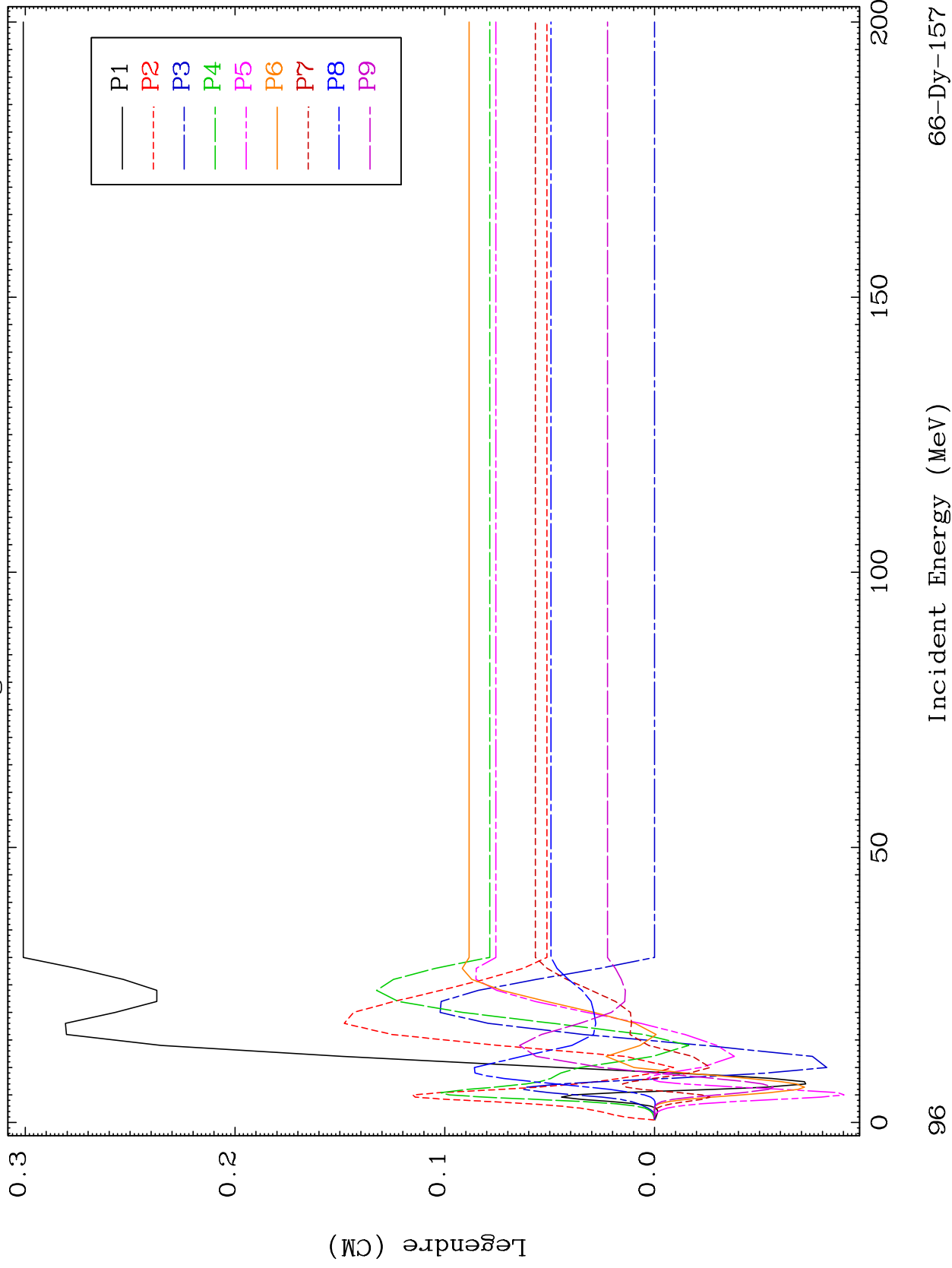
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

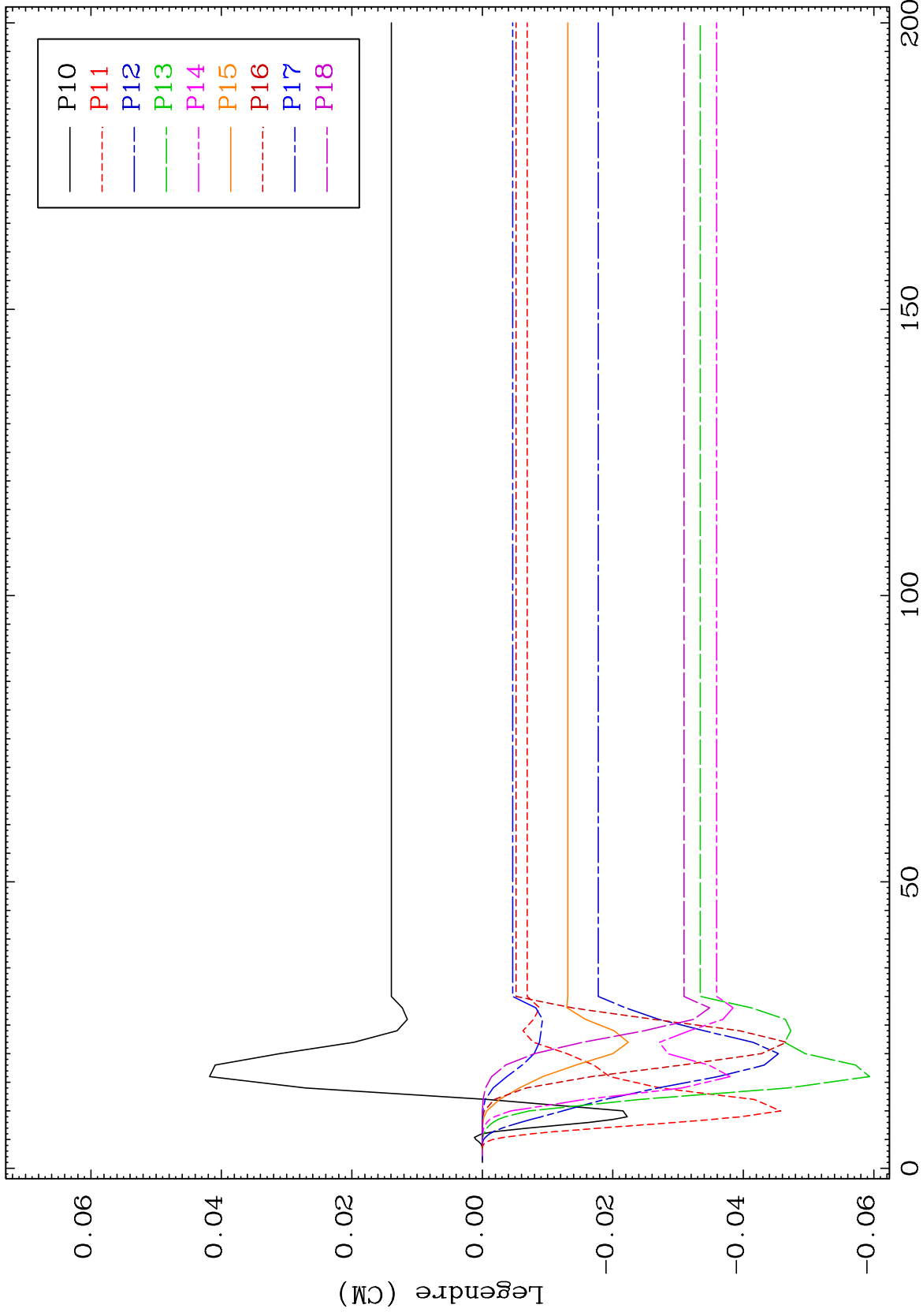
66-Dy-157



MAT 6628

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

66-Dy-157



97

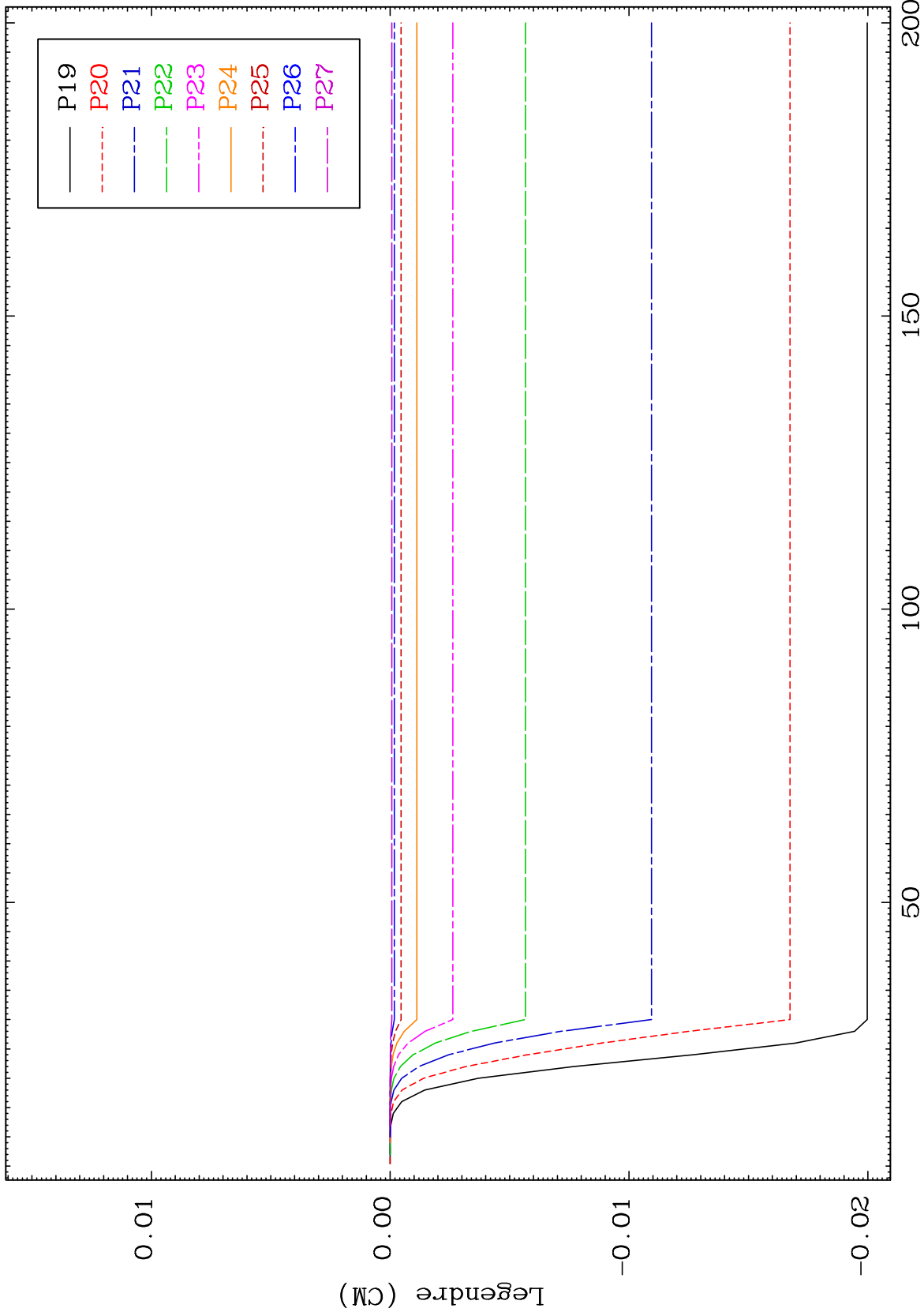
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

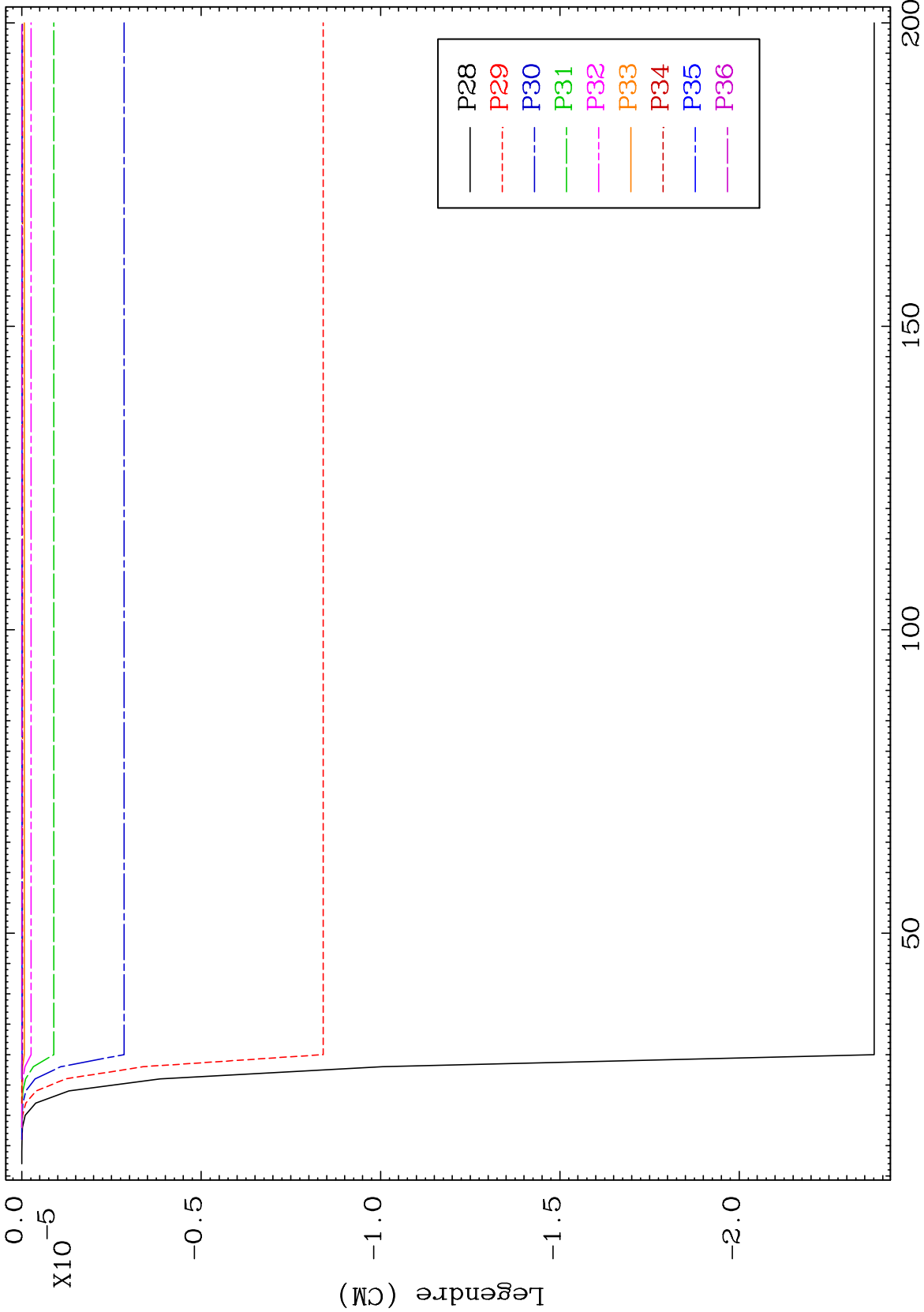
66-Dy-157



98

Incident Energy (MeV)

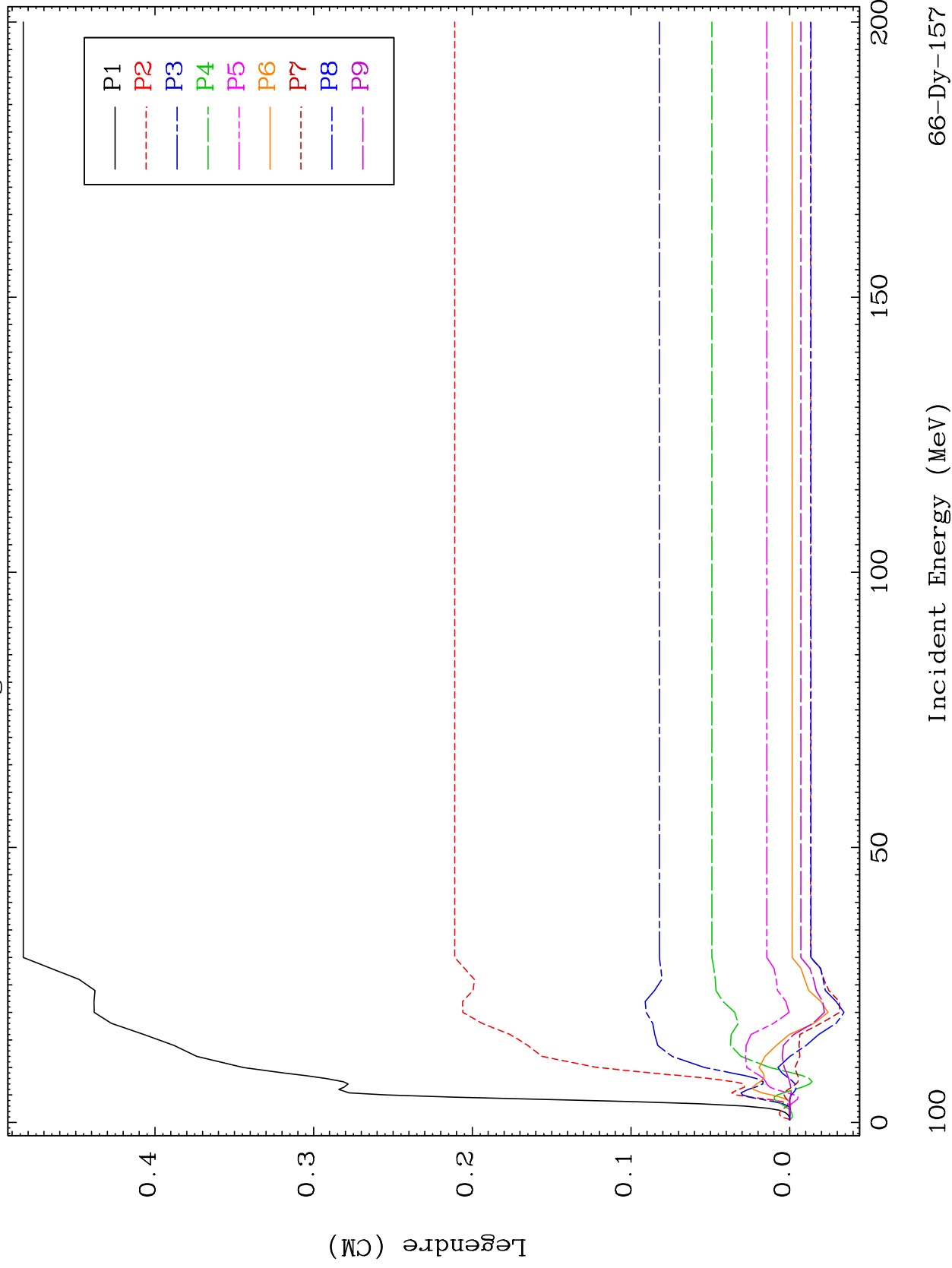
66-Dy-157



MAT 6628

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

66-Dy-157

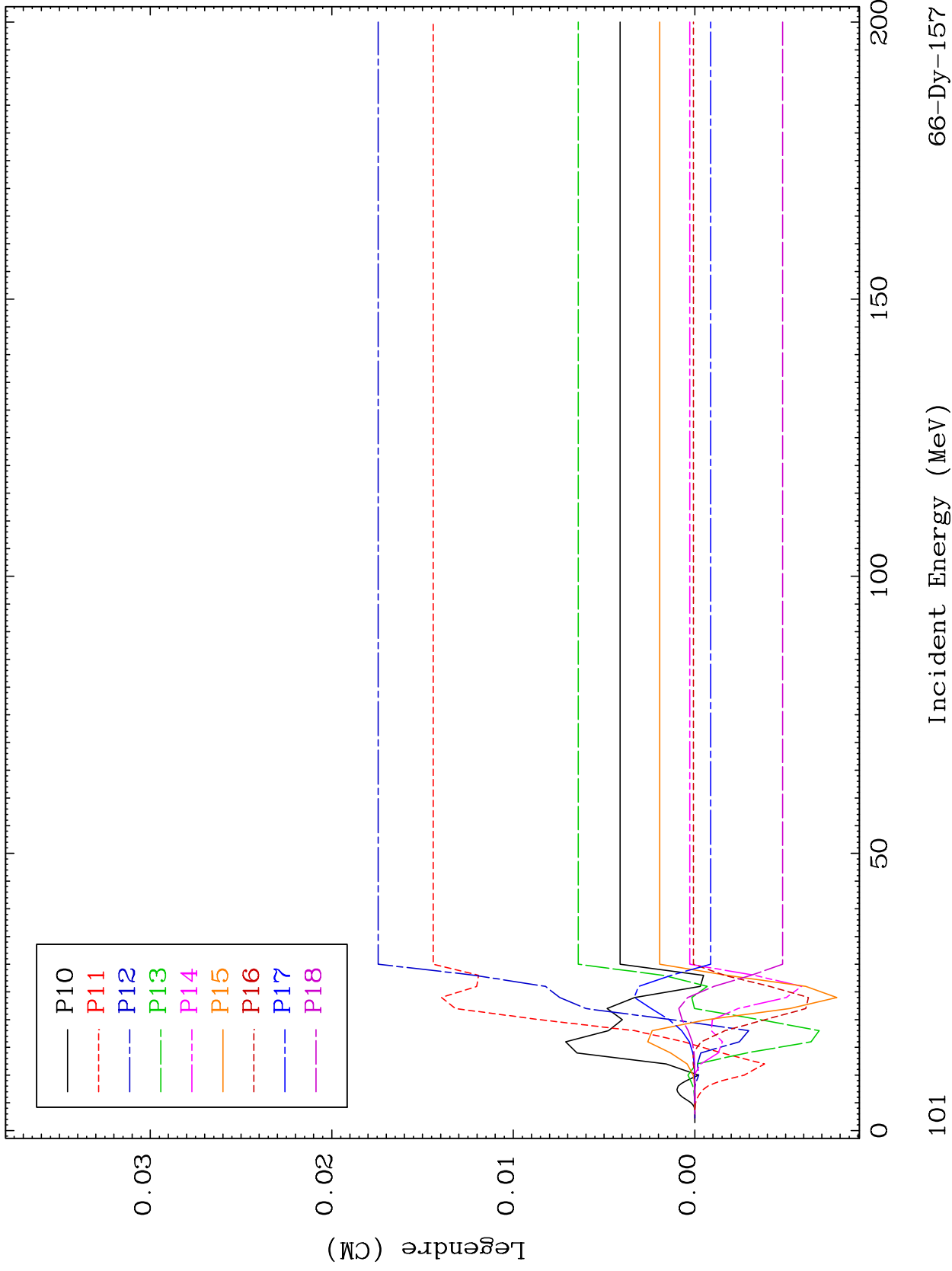


66-Dy-157

MAT 6628

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

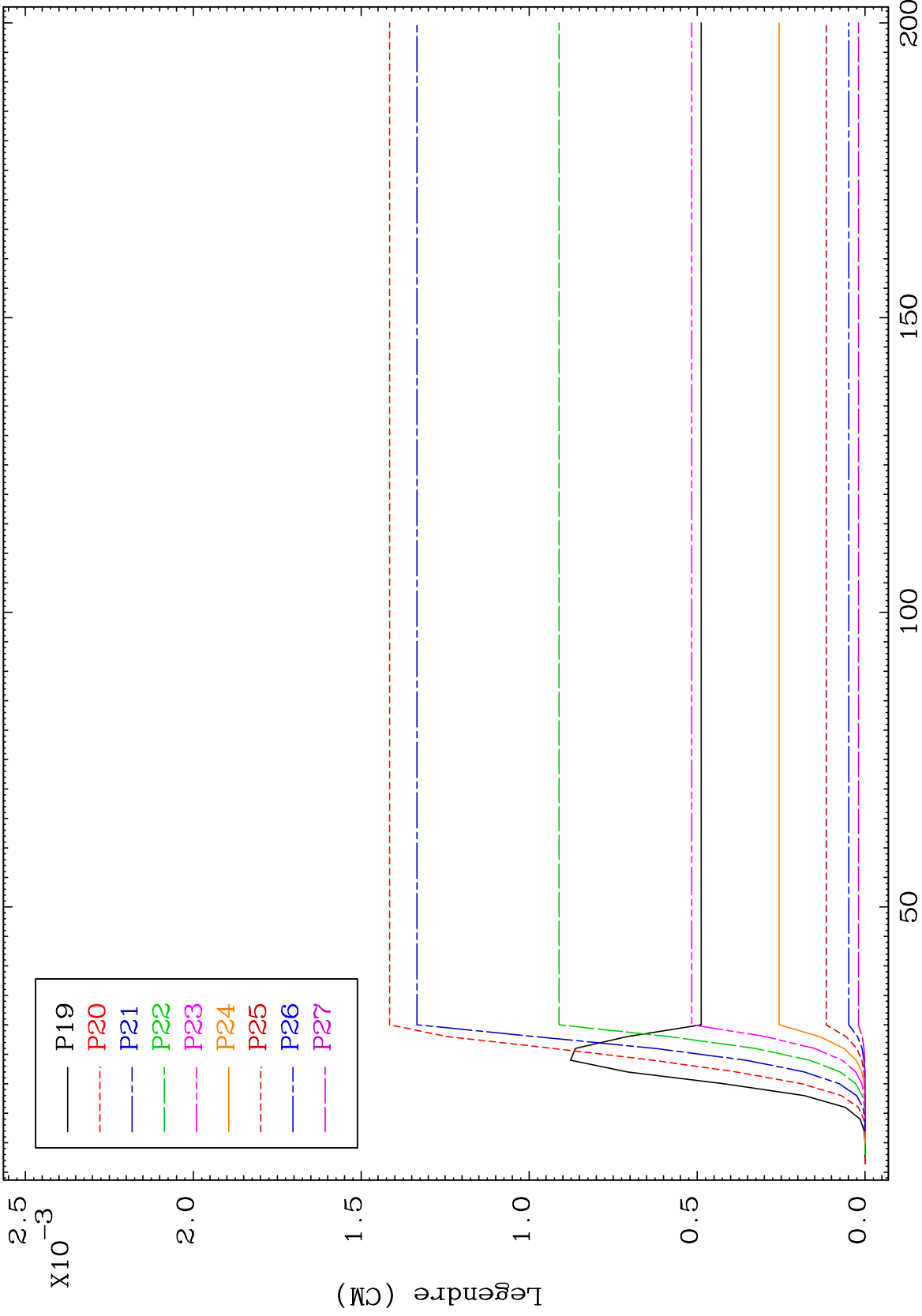
66-Dy-157



101

Incident Energy (MeV)

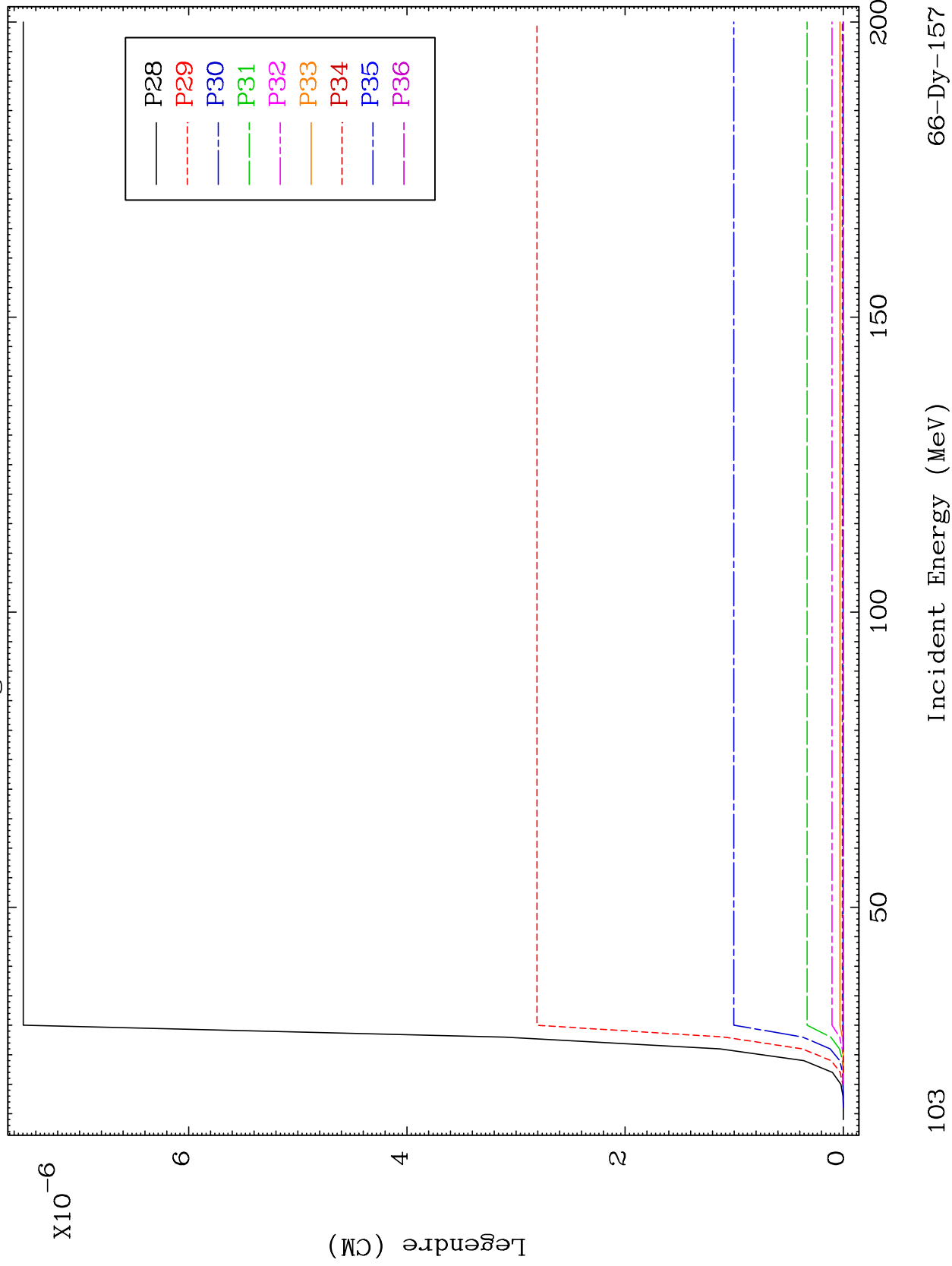
66-Dy-157



MAT 6628

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

66-Dy-157

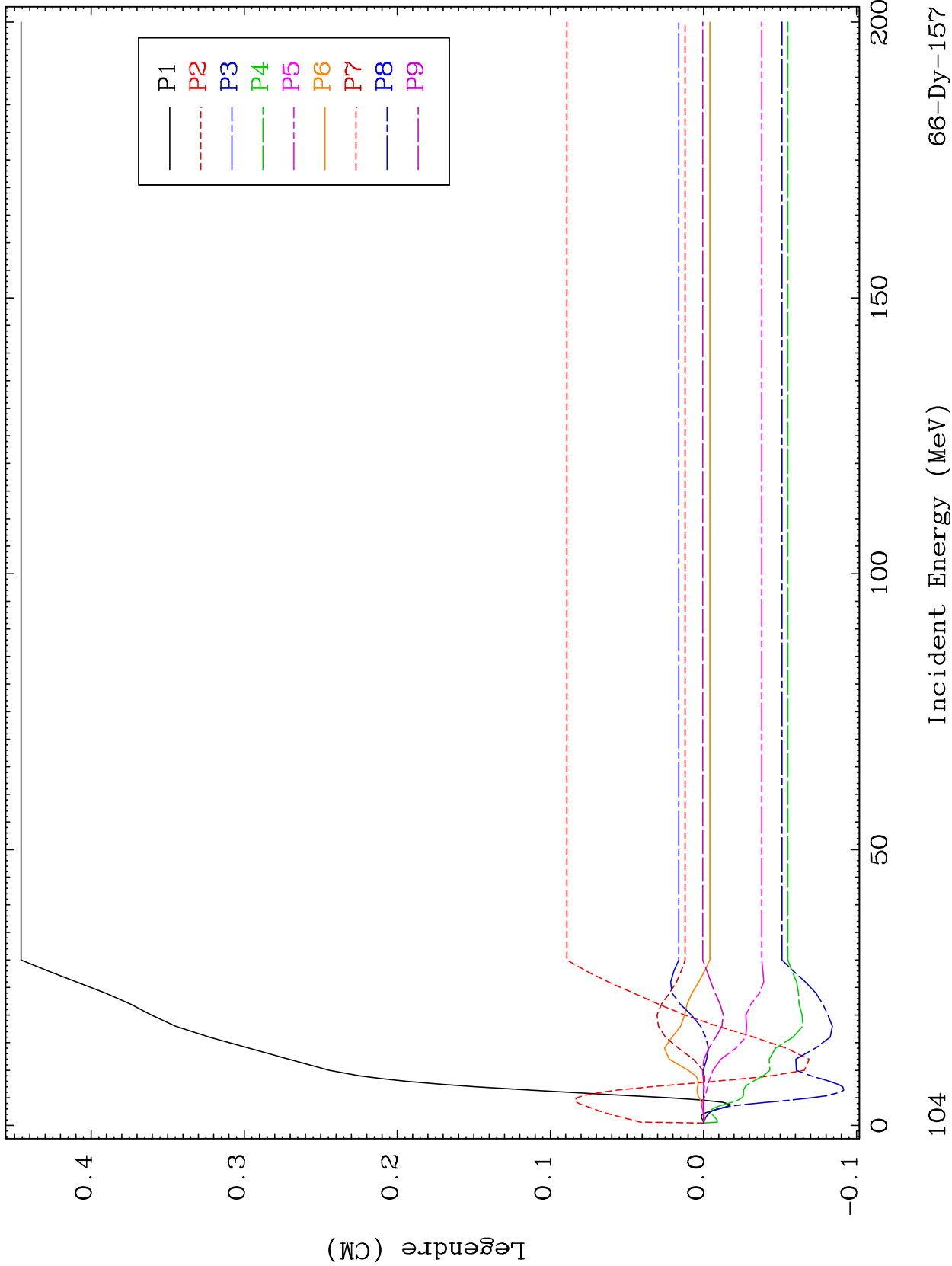


103

MAT 6628

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

66-Dy-157

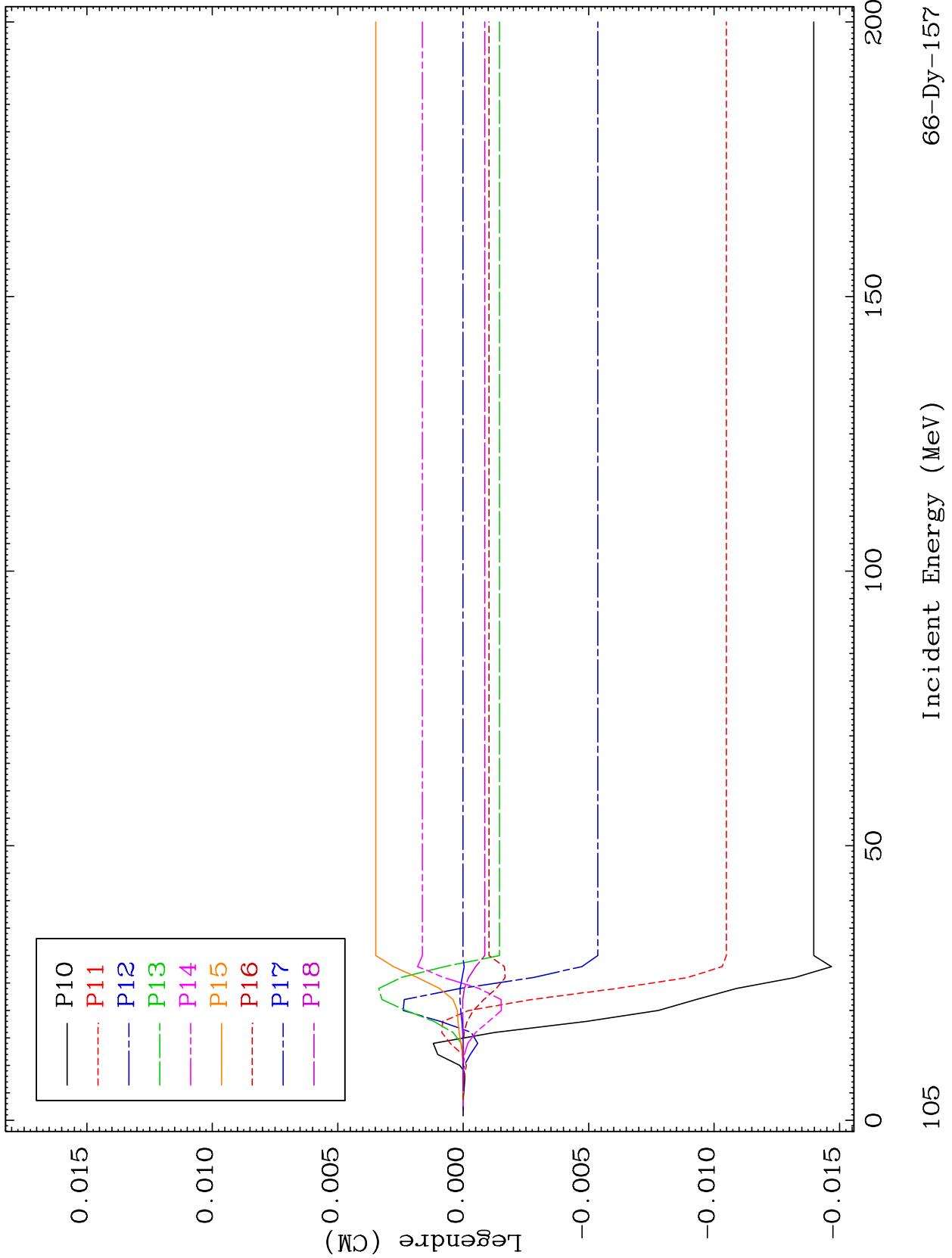


104

MAT 6628

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

66-Dy-157



66-Dy-157

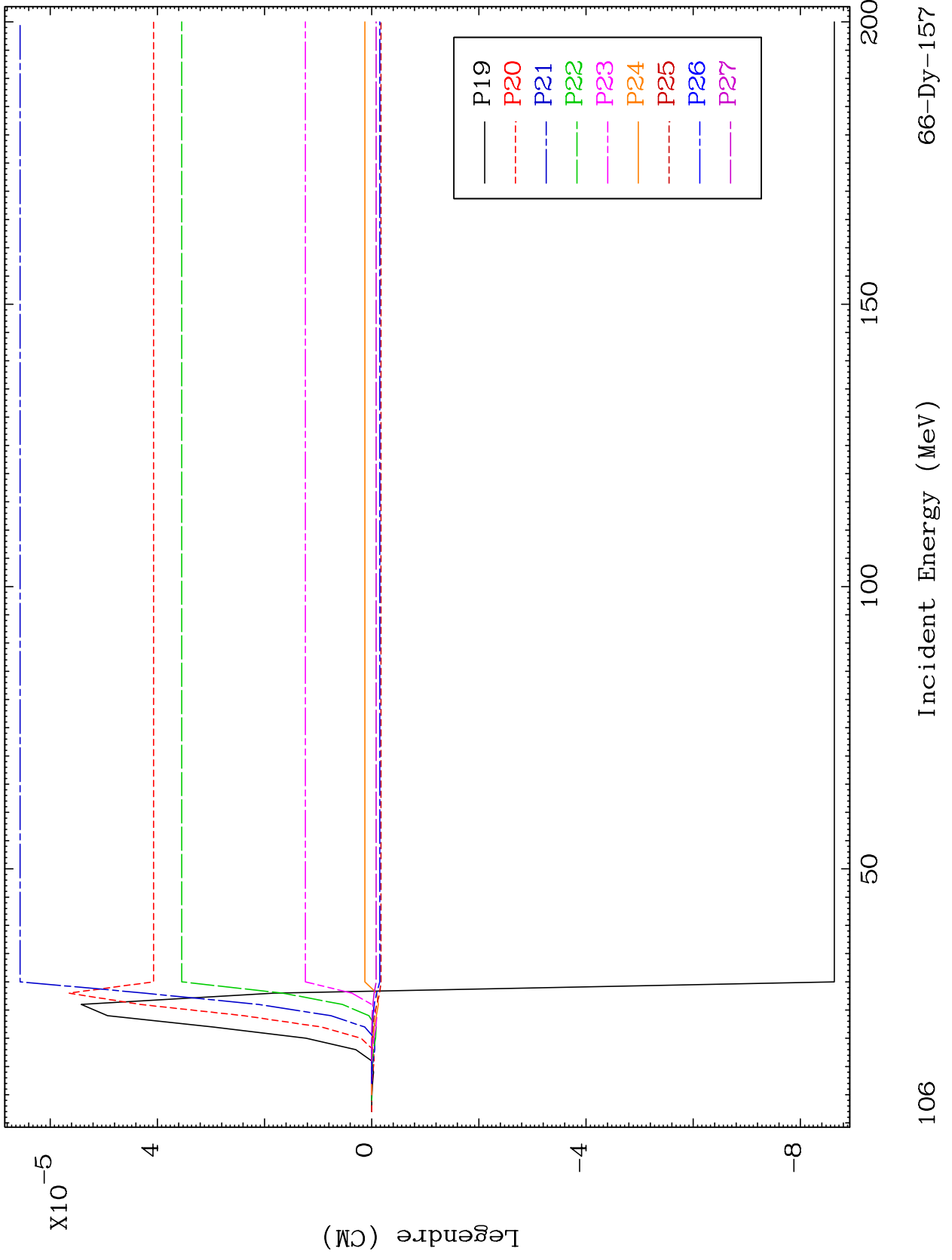
Incident Energy (MeV)

105

MAT 6628

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

66-Dy-157

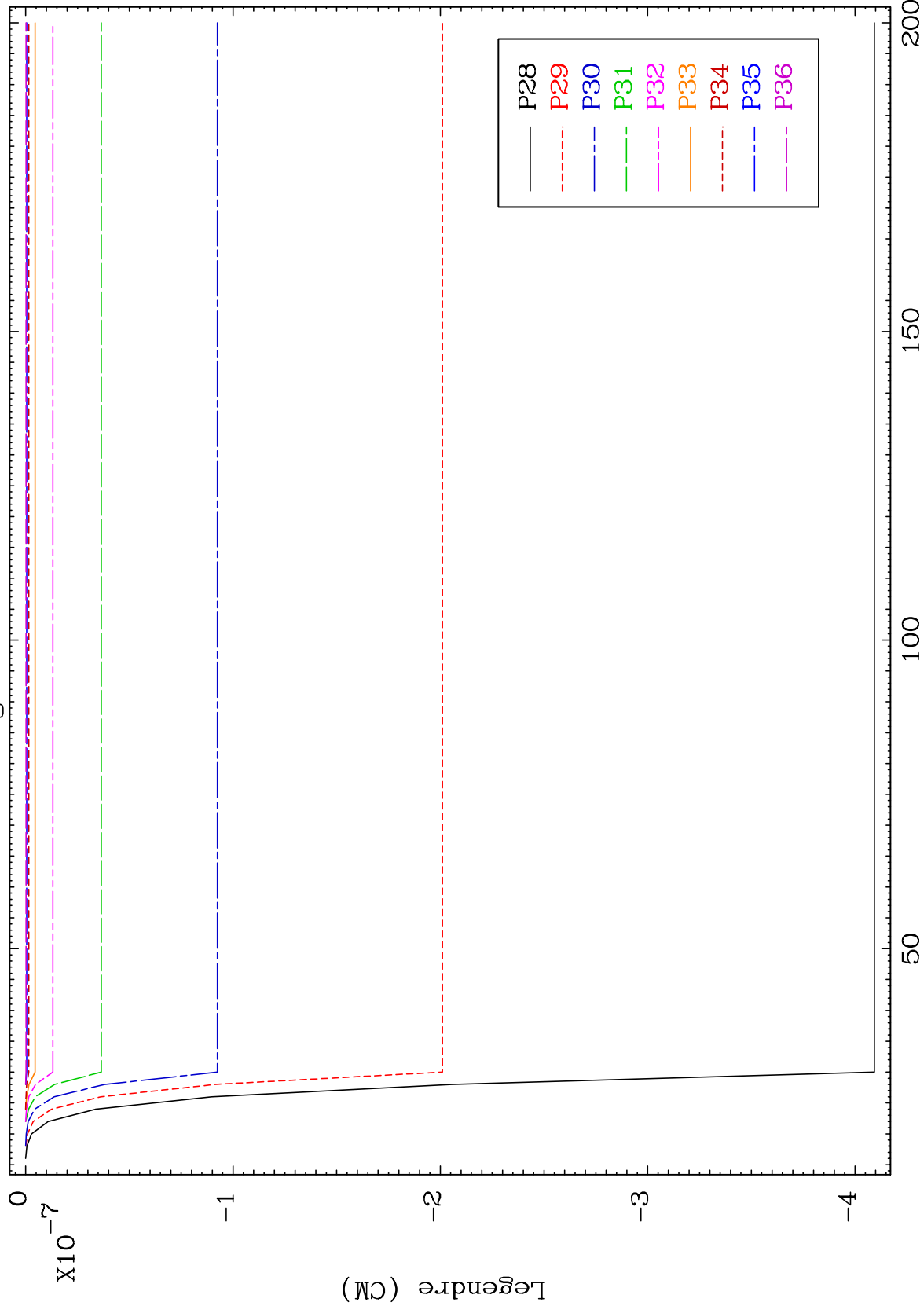


MAT 6628

MT= 72 (n,n') Level

66-Dy-157

Legendre Coefficients



107

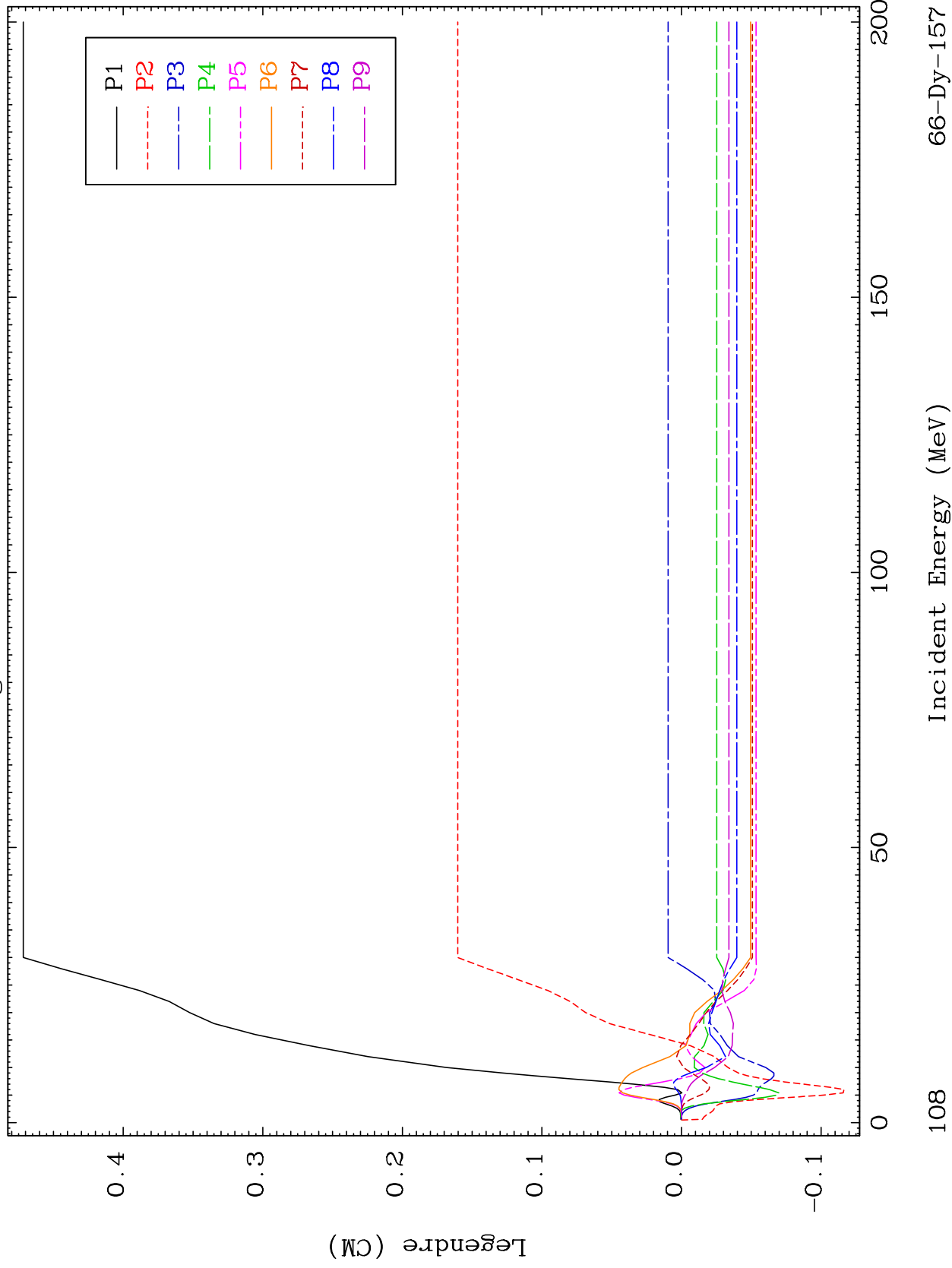
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



66-Dy-157

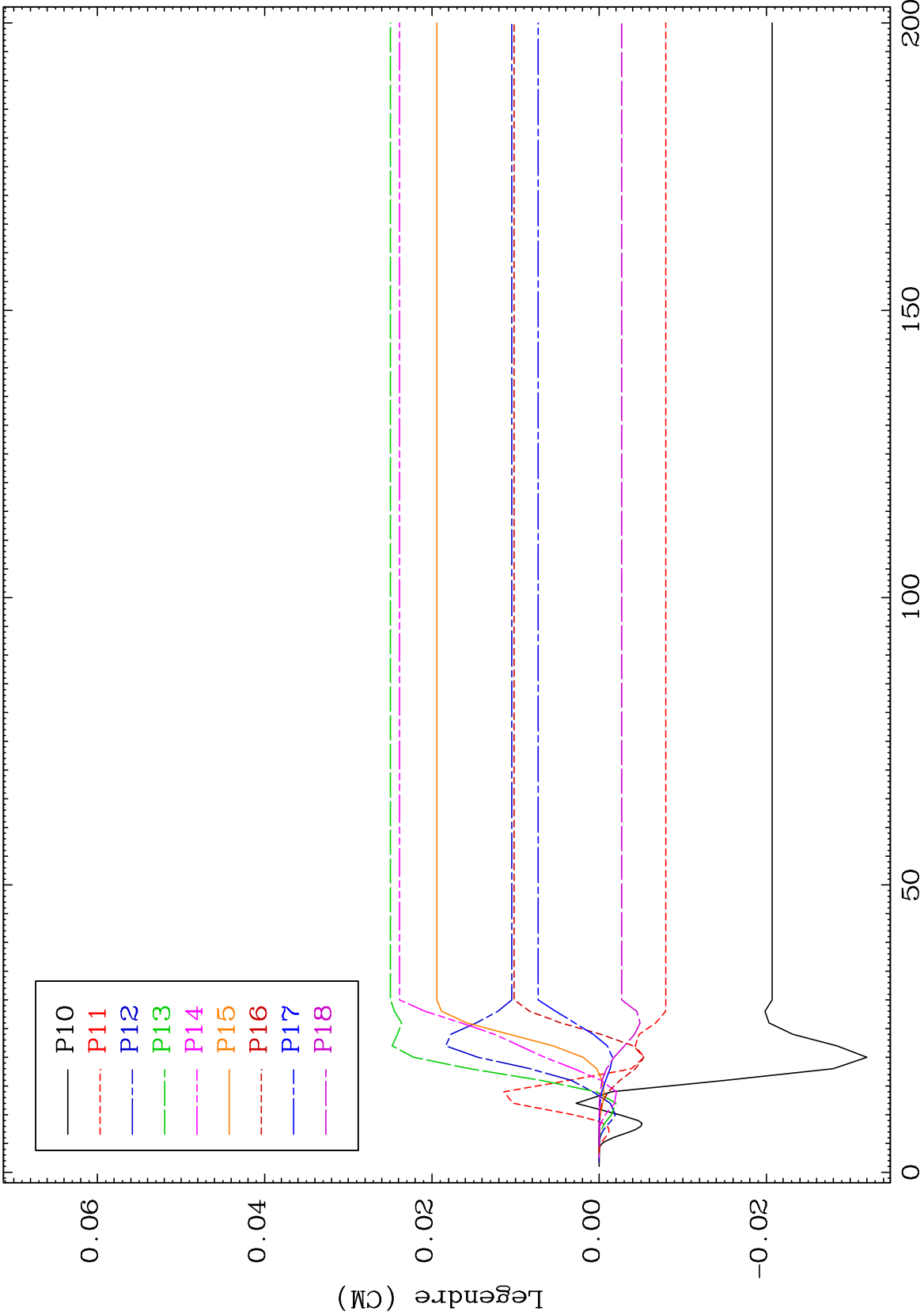
Incident Energy (MeV)

108

MAT 6628

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

66-Dy-157



109

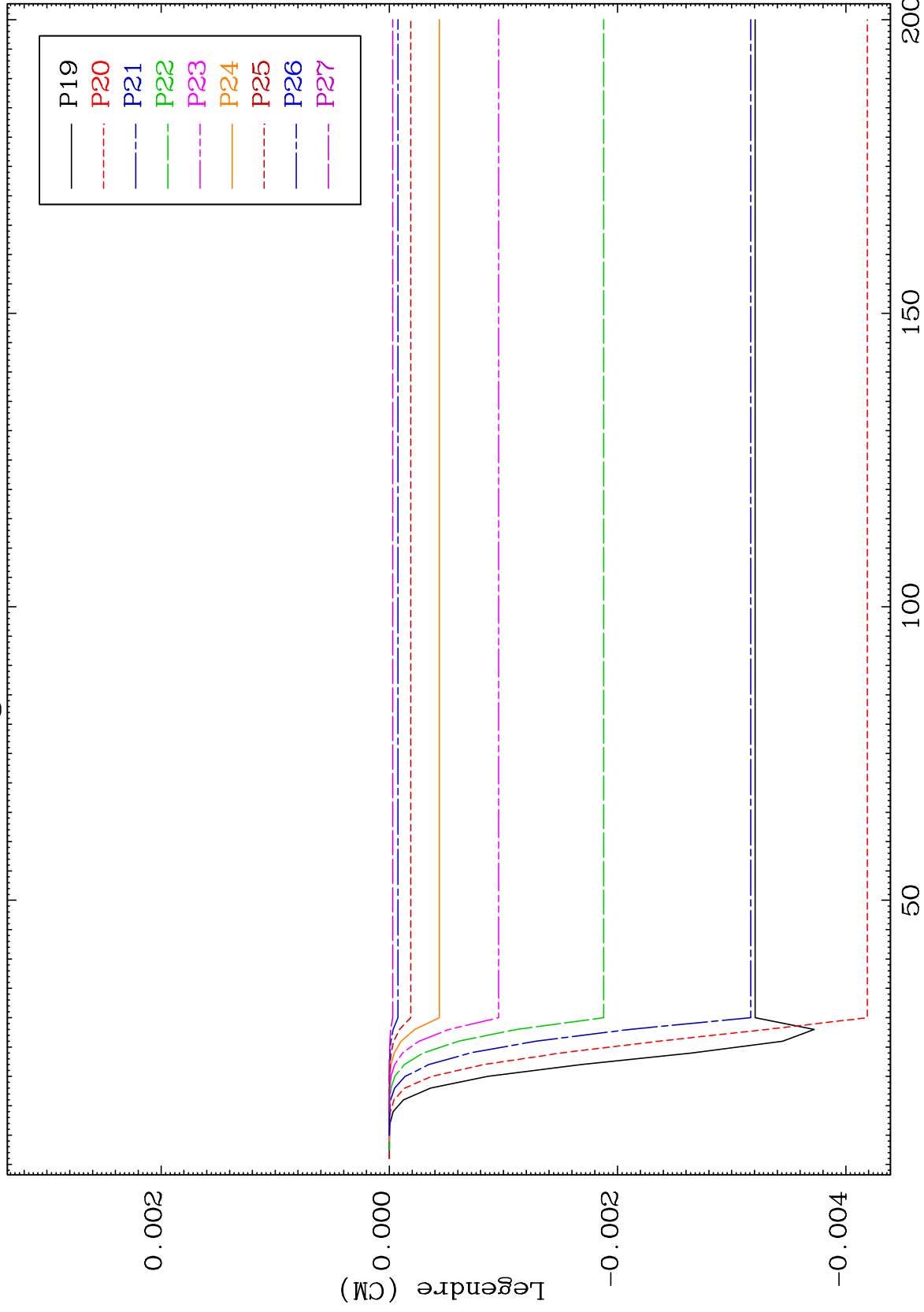
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

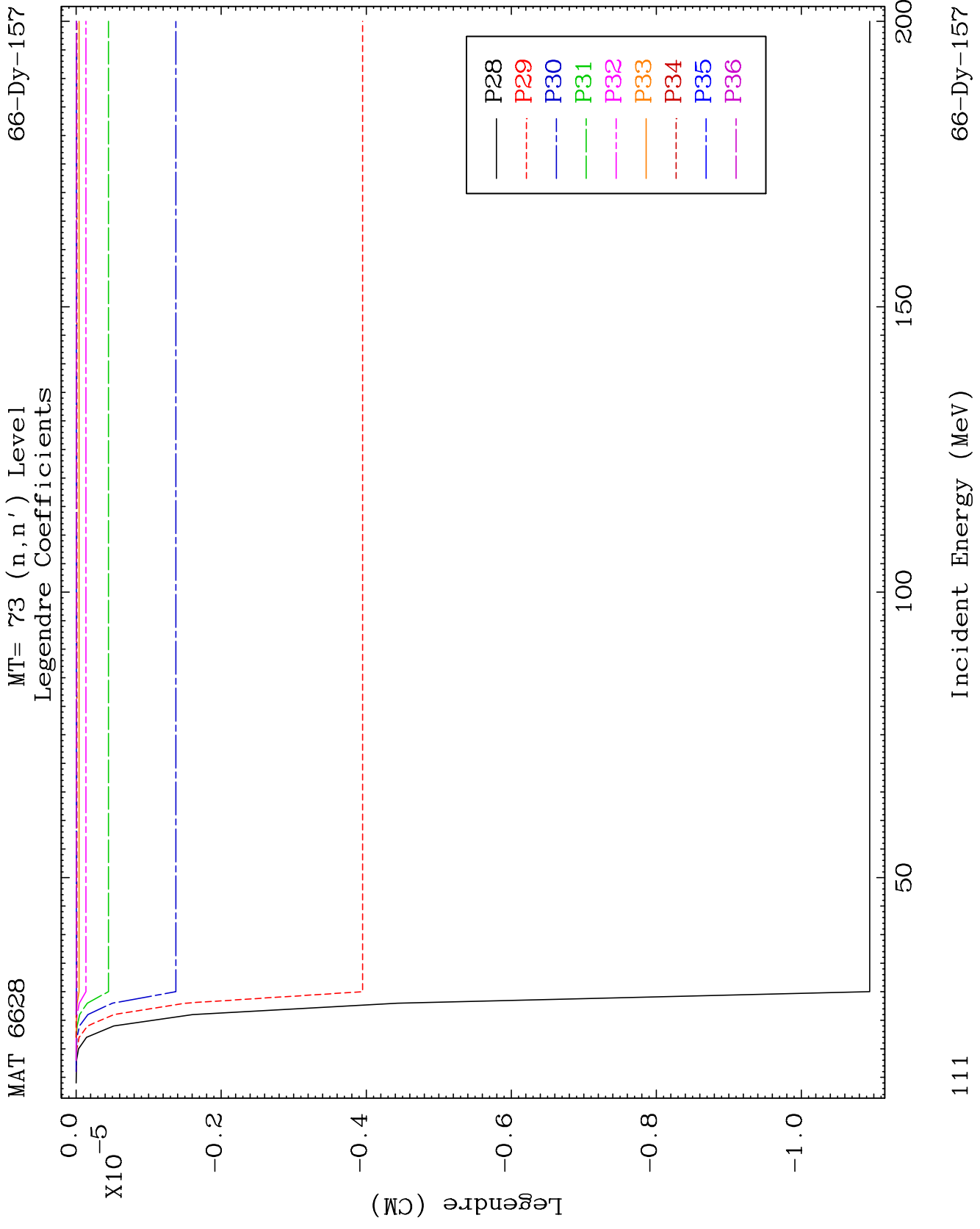
66-Dy-157



110

Incident Energy (MeV)

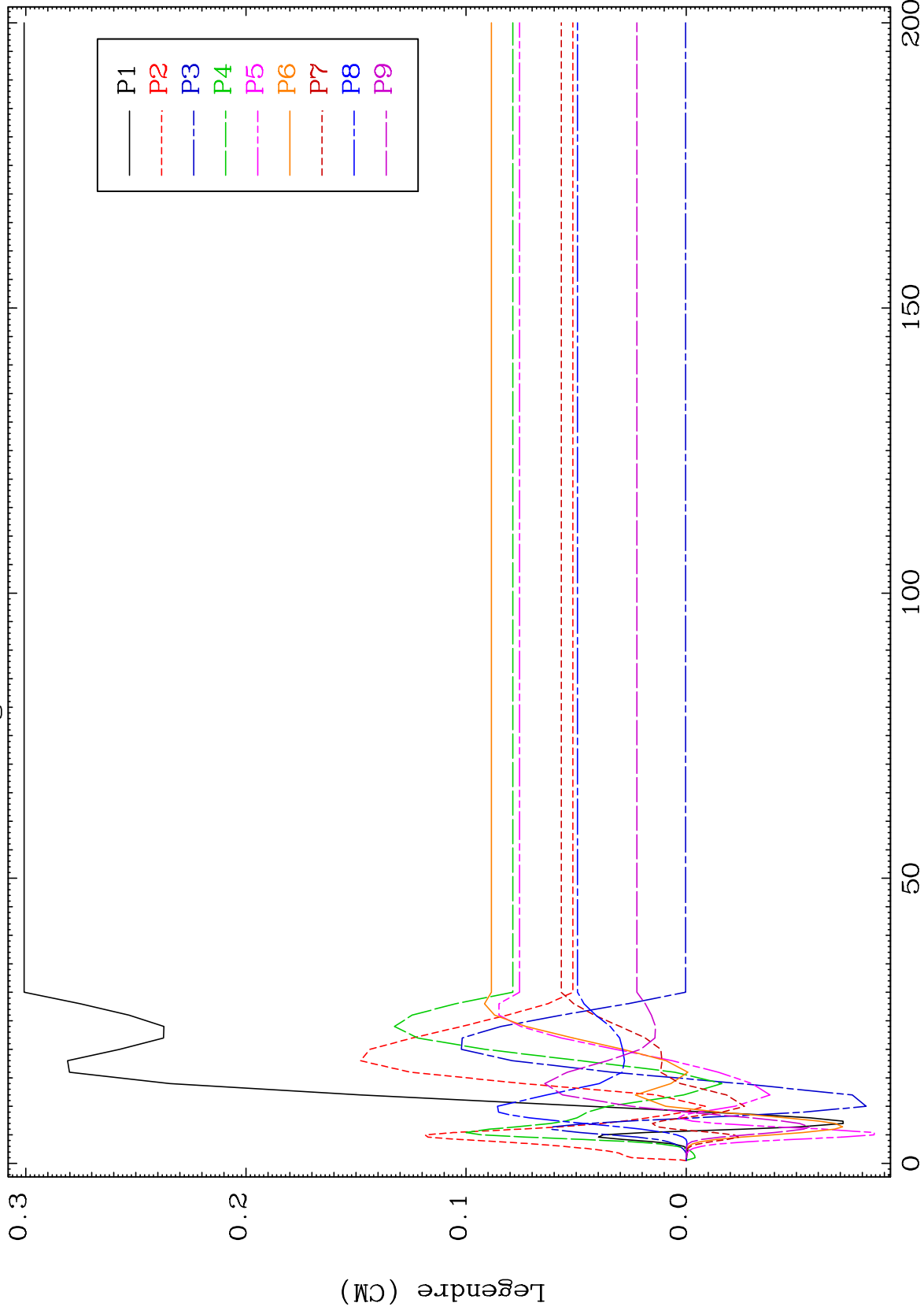
66-Dy-157



MAT 6628

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

66-Dy-157



66-Dy-157

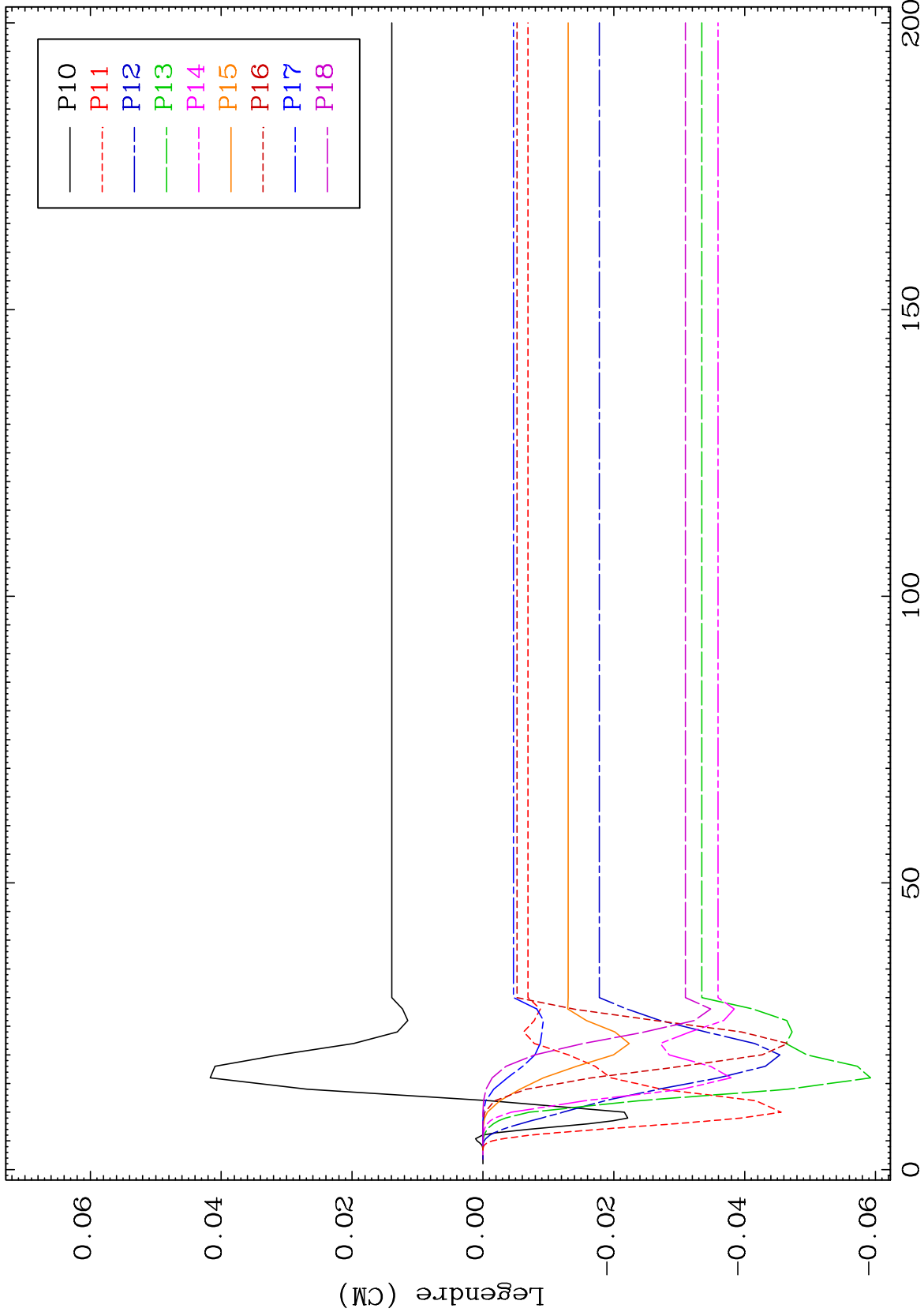
Incident Energy (MeV)

112

MAT 6628

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

66-Dy-157



113

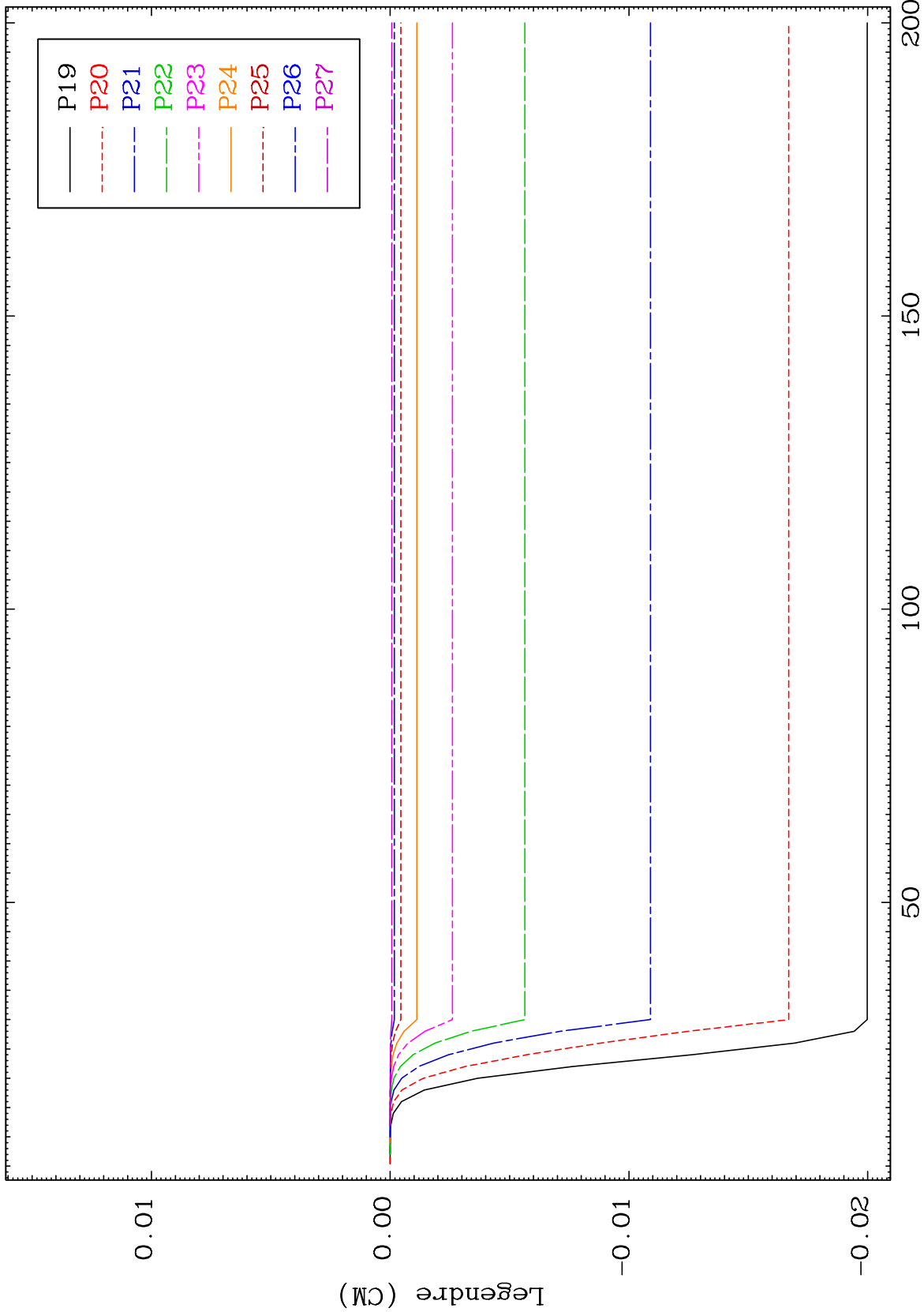
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



114

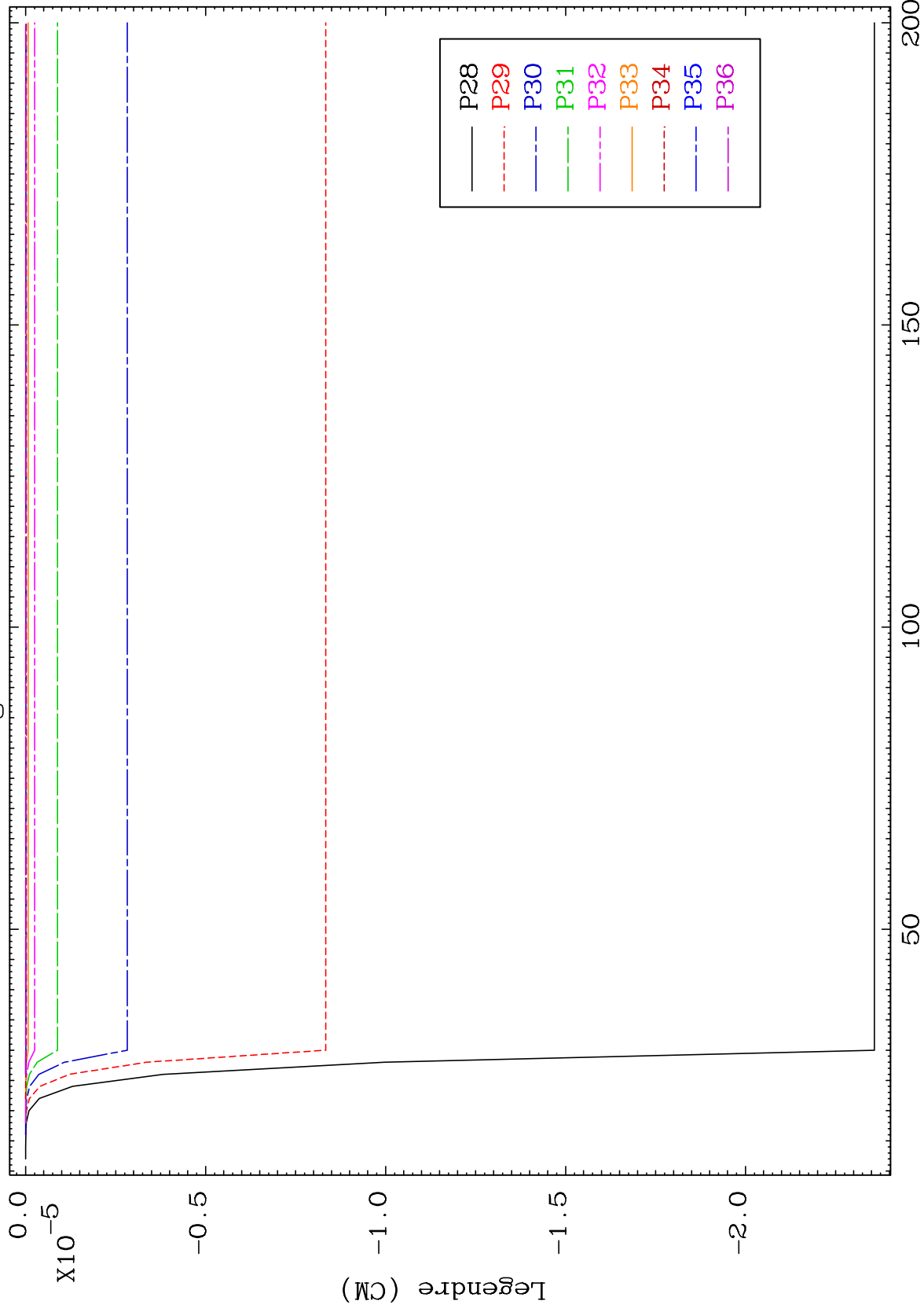
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



115

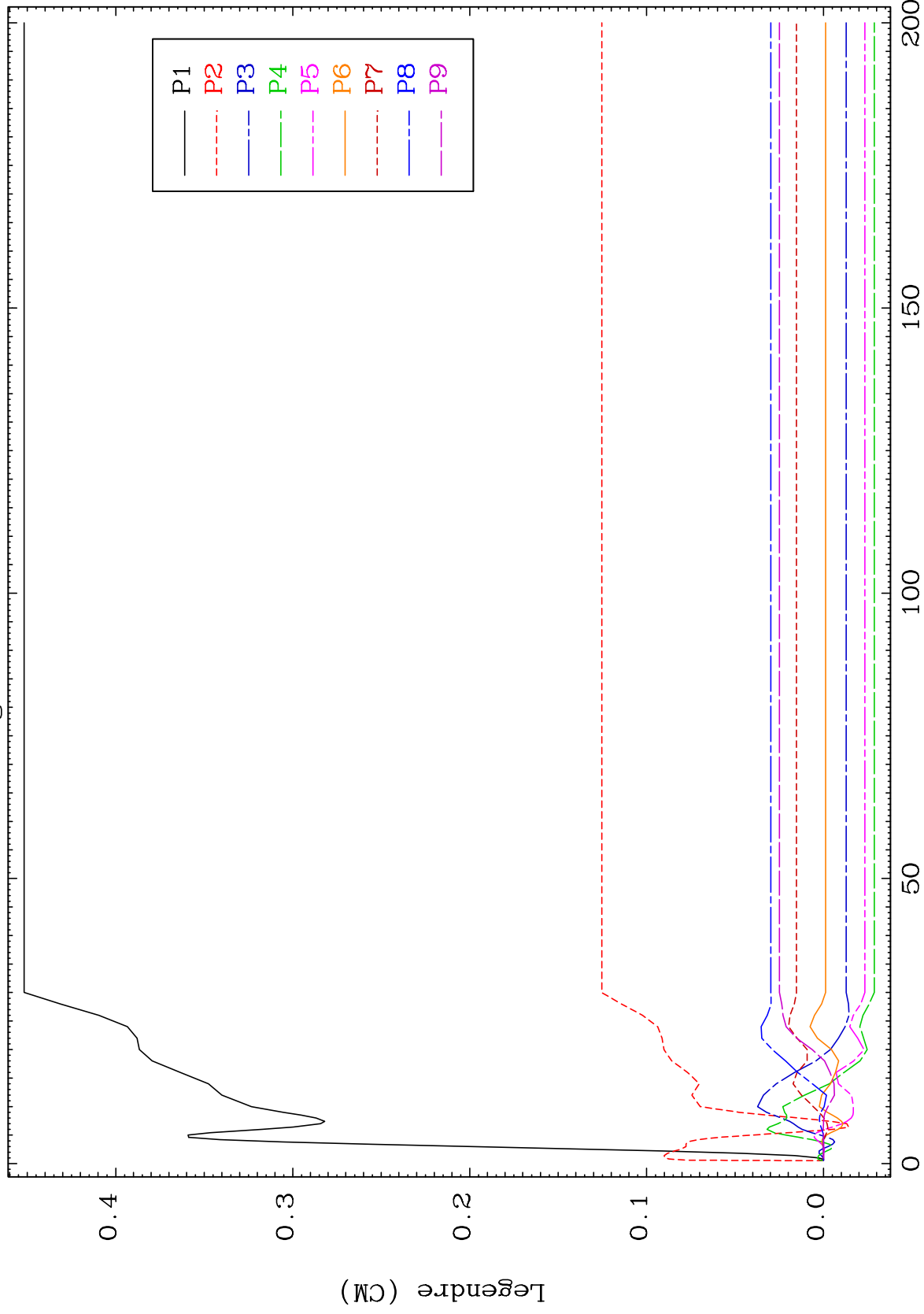
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



116

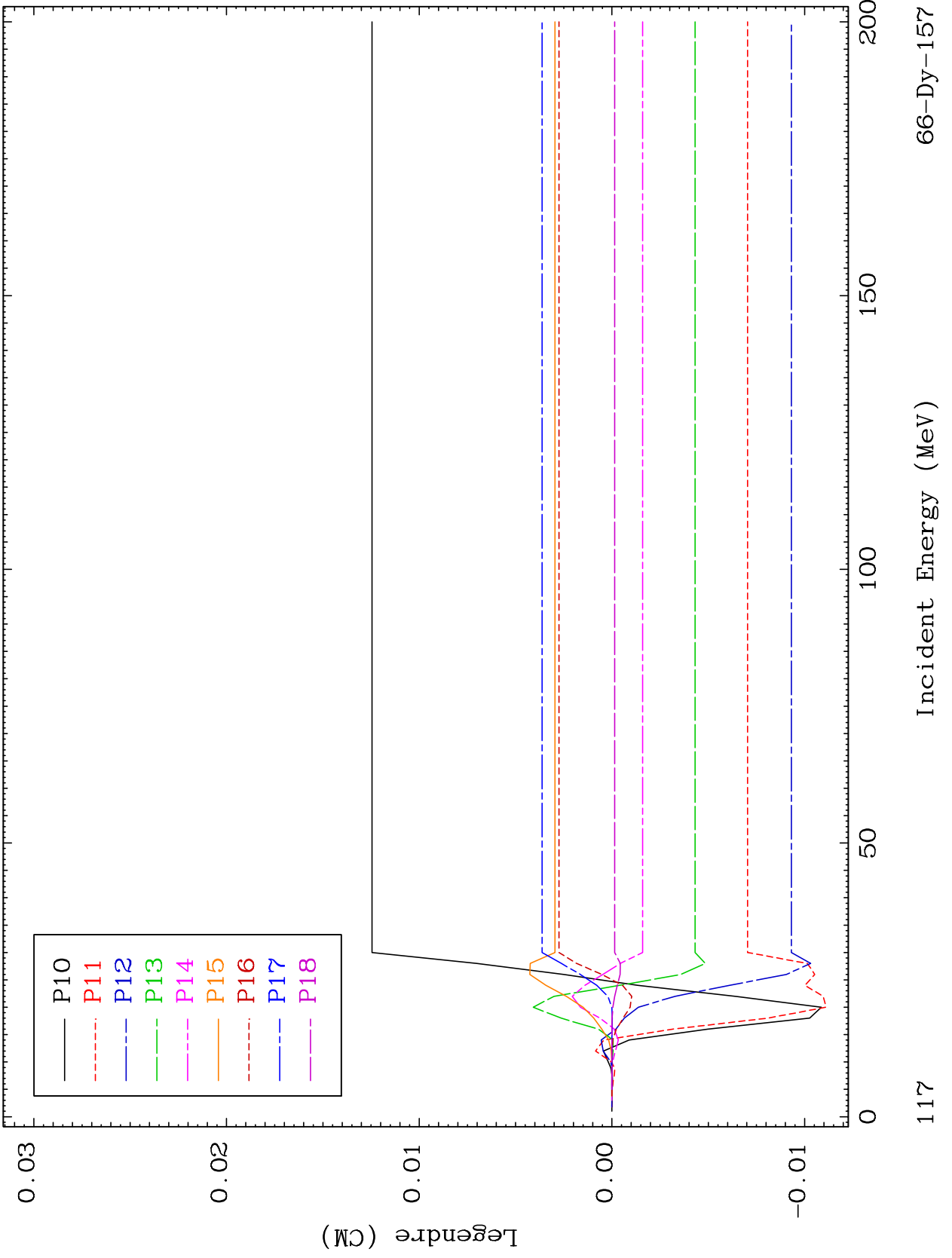
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

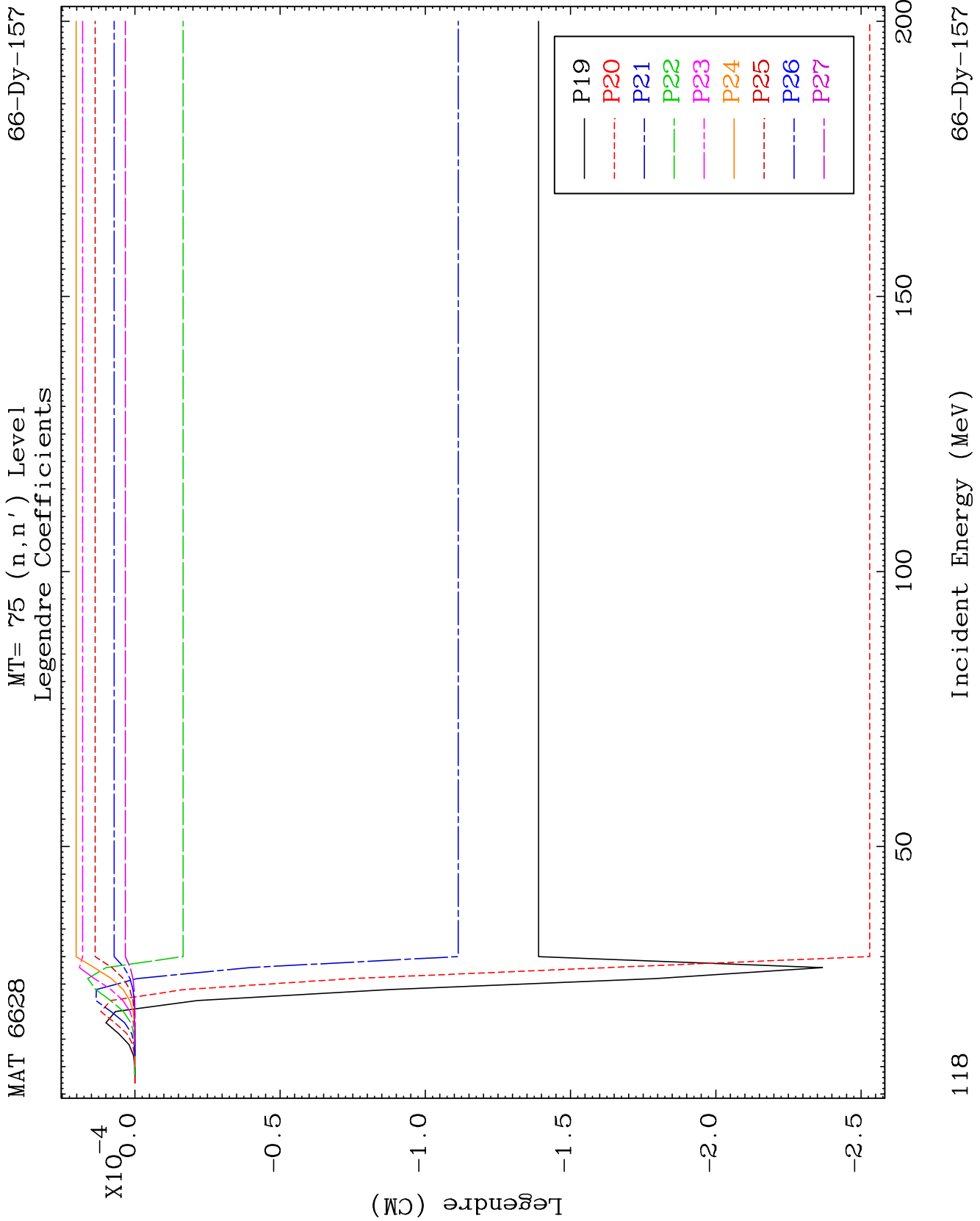
66-Dy-157



117

Incident Energy (MeV)

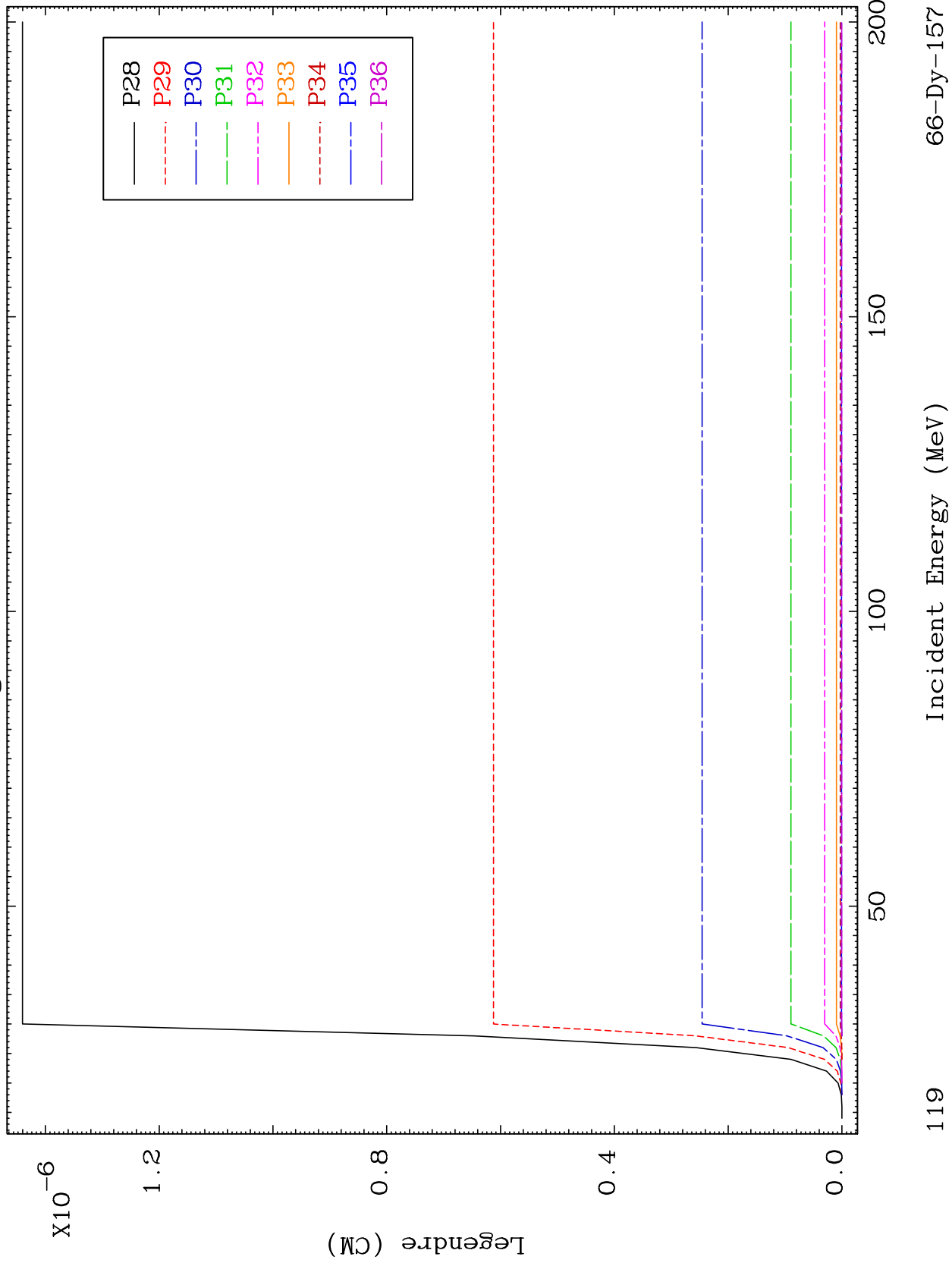
66-Dy-157



MAT 6628

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

66-Dy-157

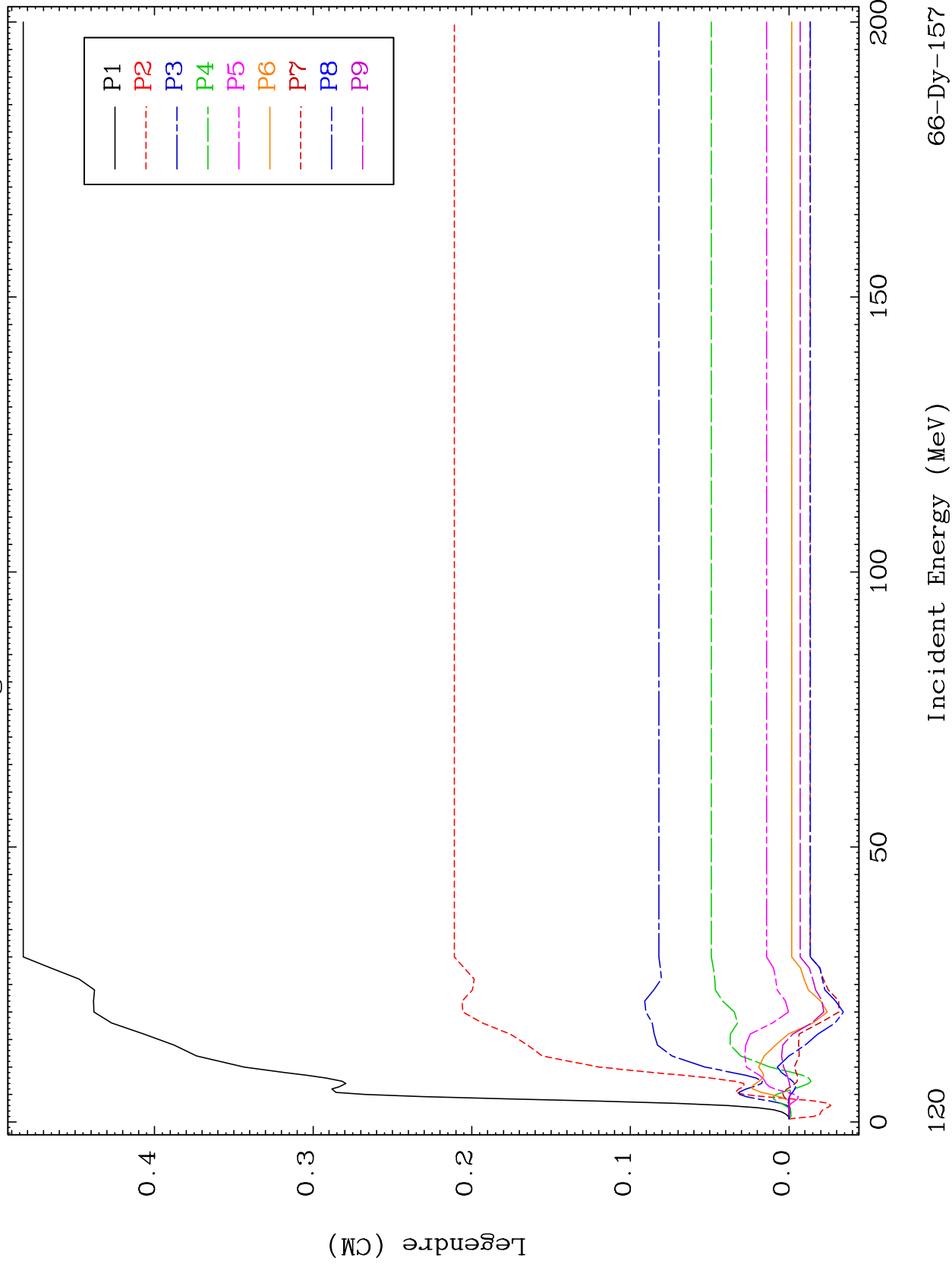


119

MAT 6628

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

66-Dy-157



66-Dy-157

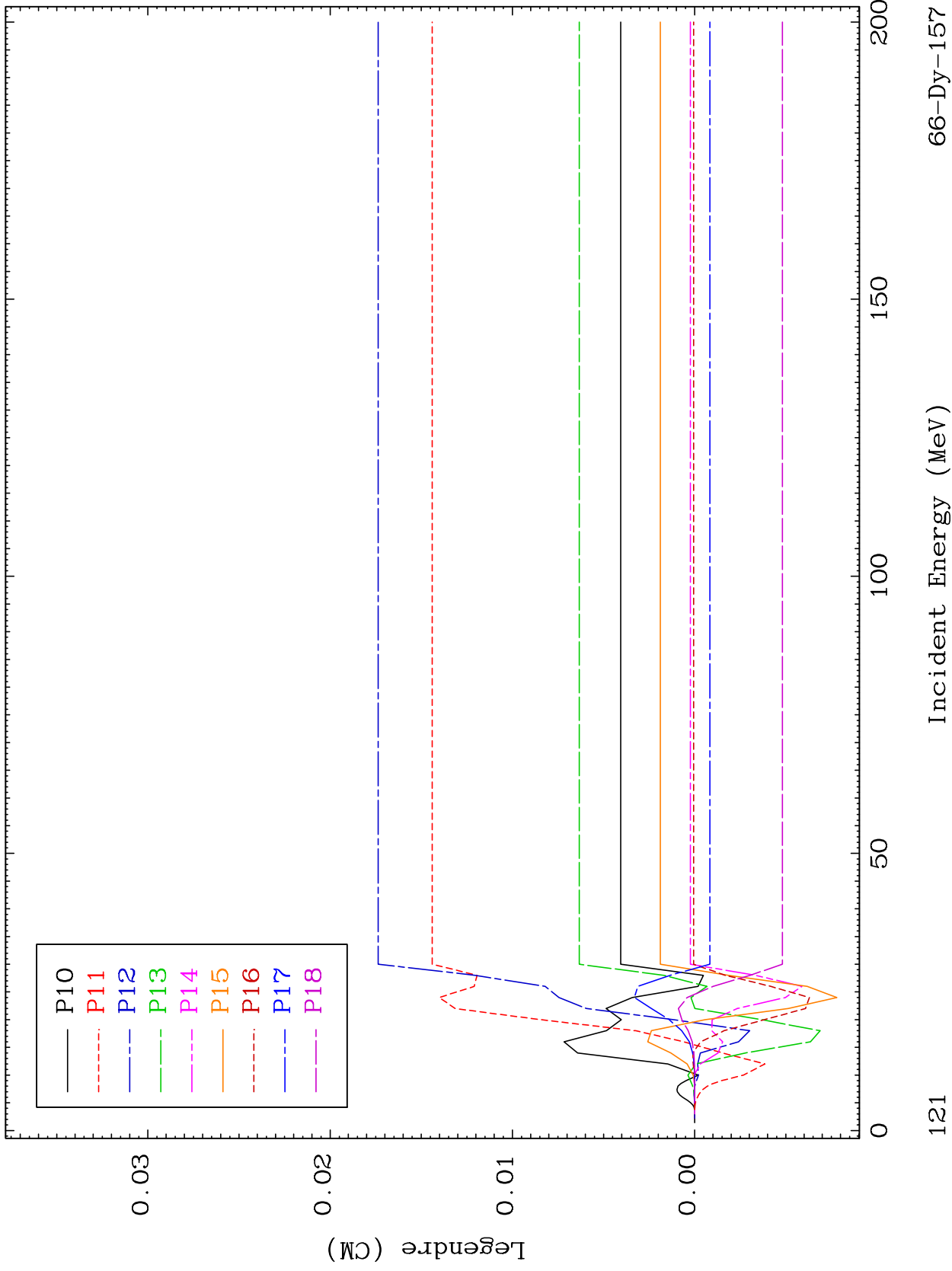
Incident Energy (MeV)

120

MAT 6628

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

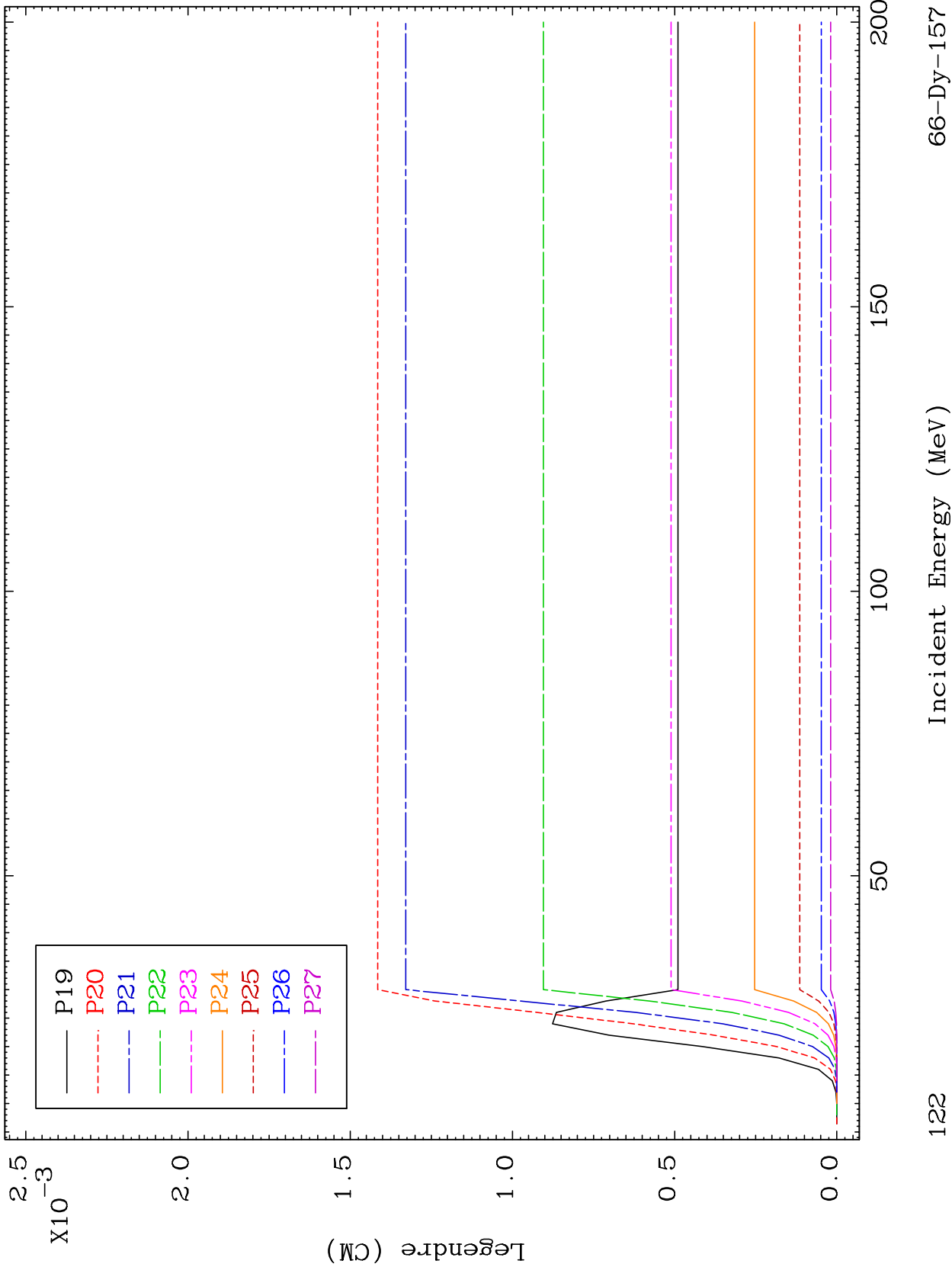
66-Dy-157



121

Incident Energy (MeV)

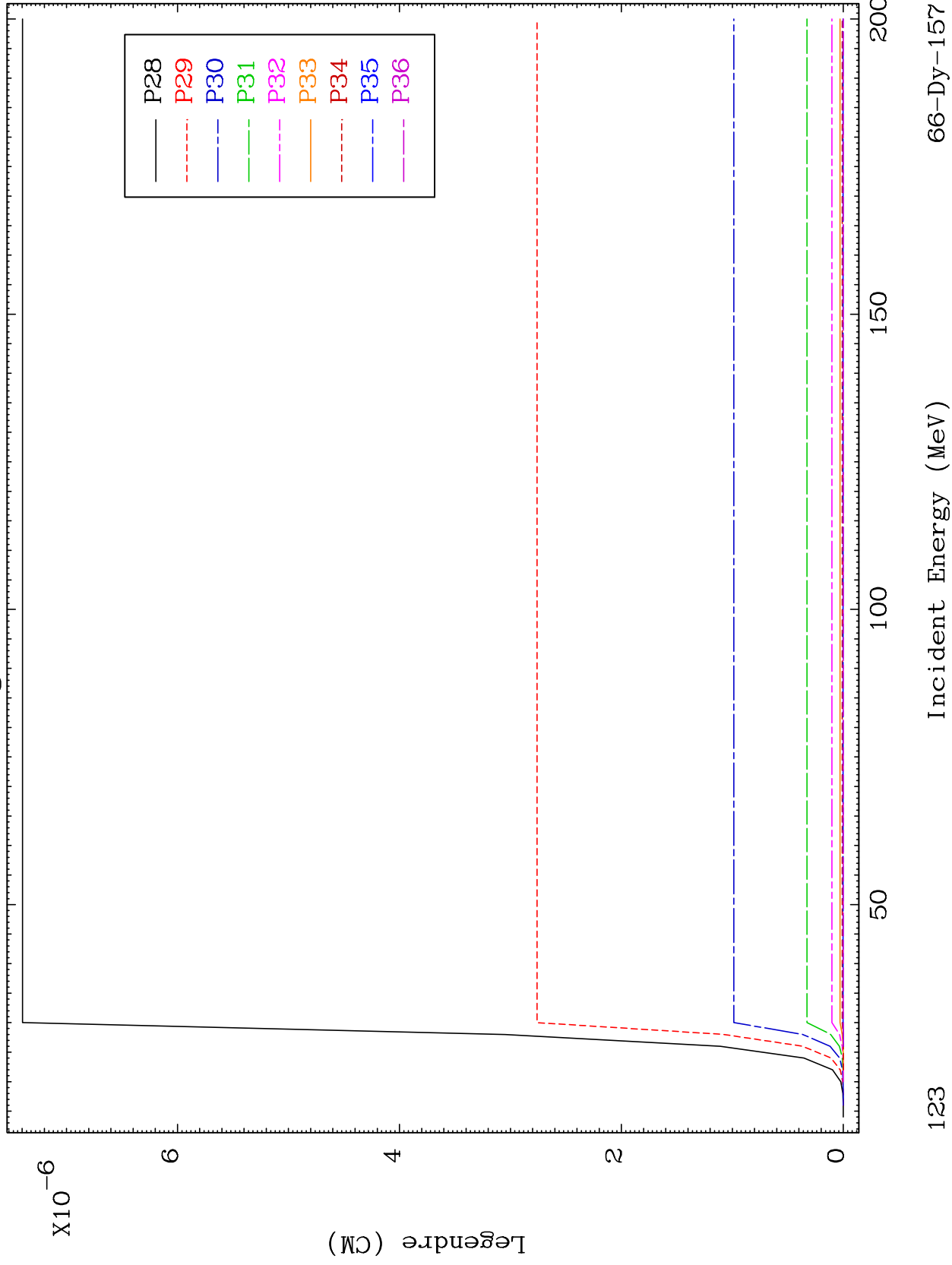
66-Dy-157



MAT 6628

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

66-Dy-157

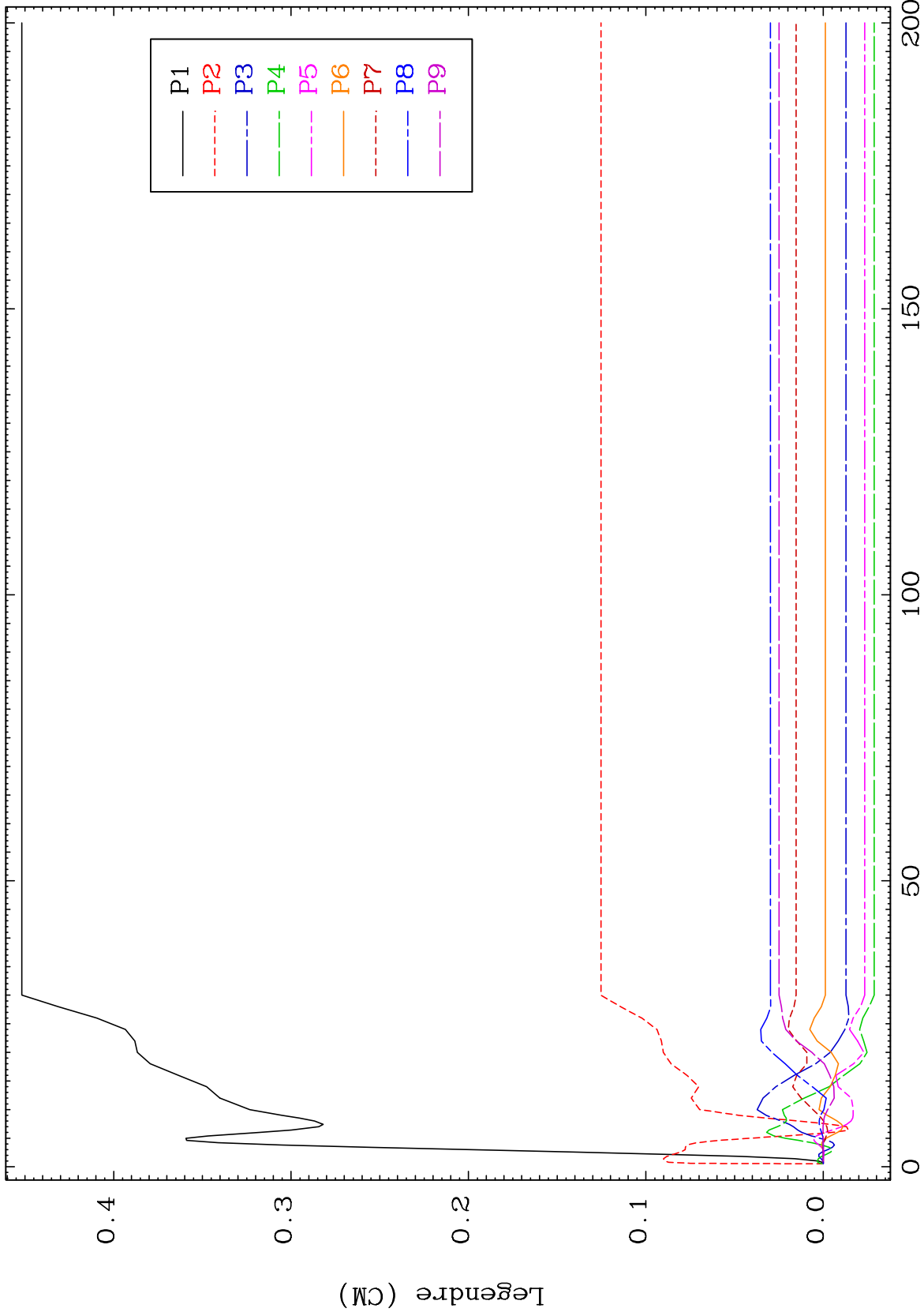


123

MAT 6628

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

66-Dy-157



124

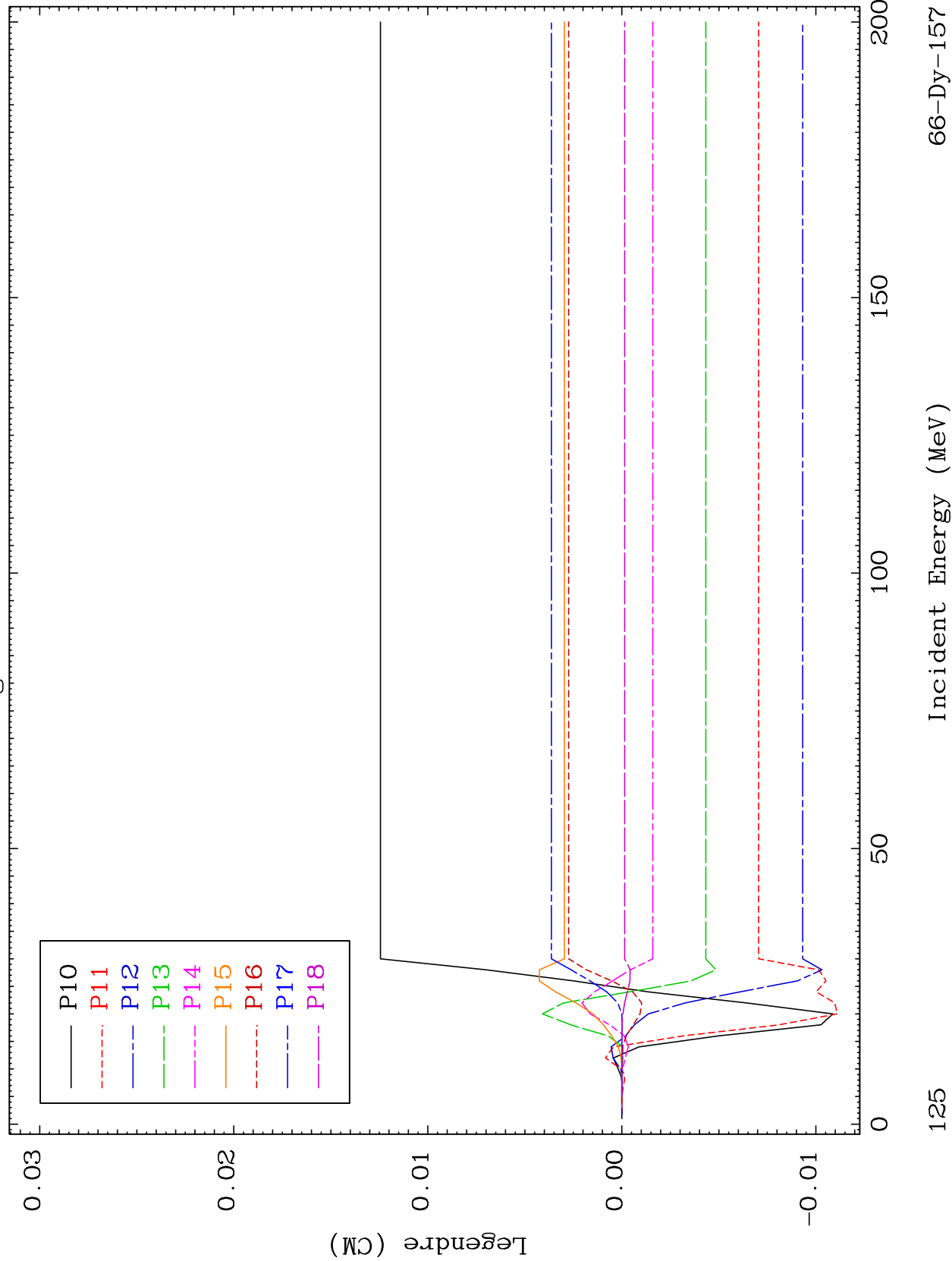
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



66-Dy-157

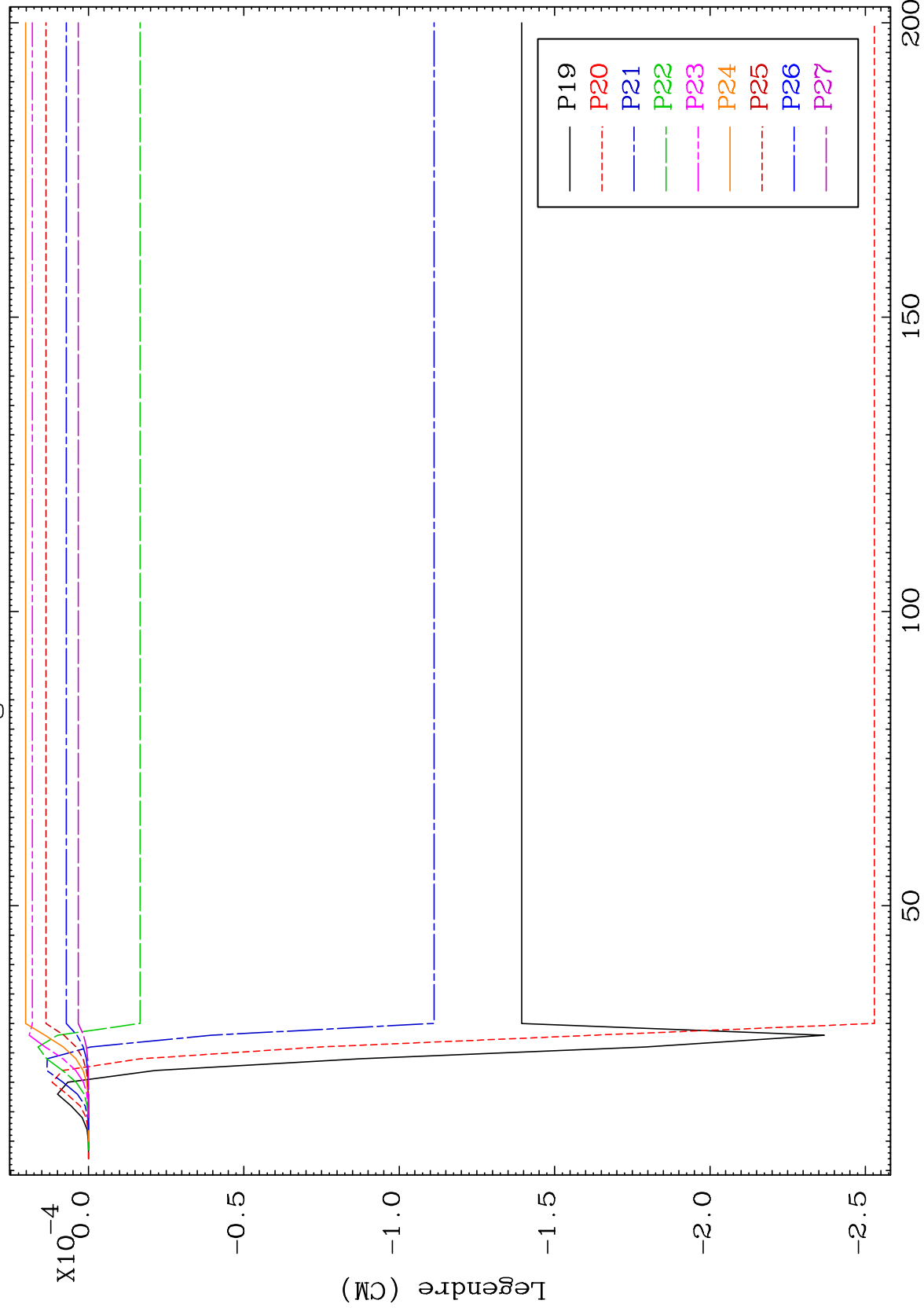
Incident Energy (MeV)

125

MAT 6628

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

66-Dy-157



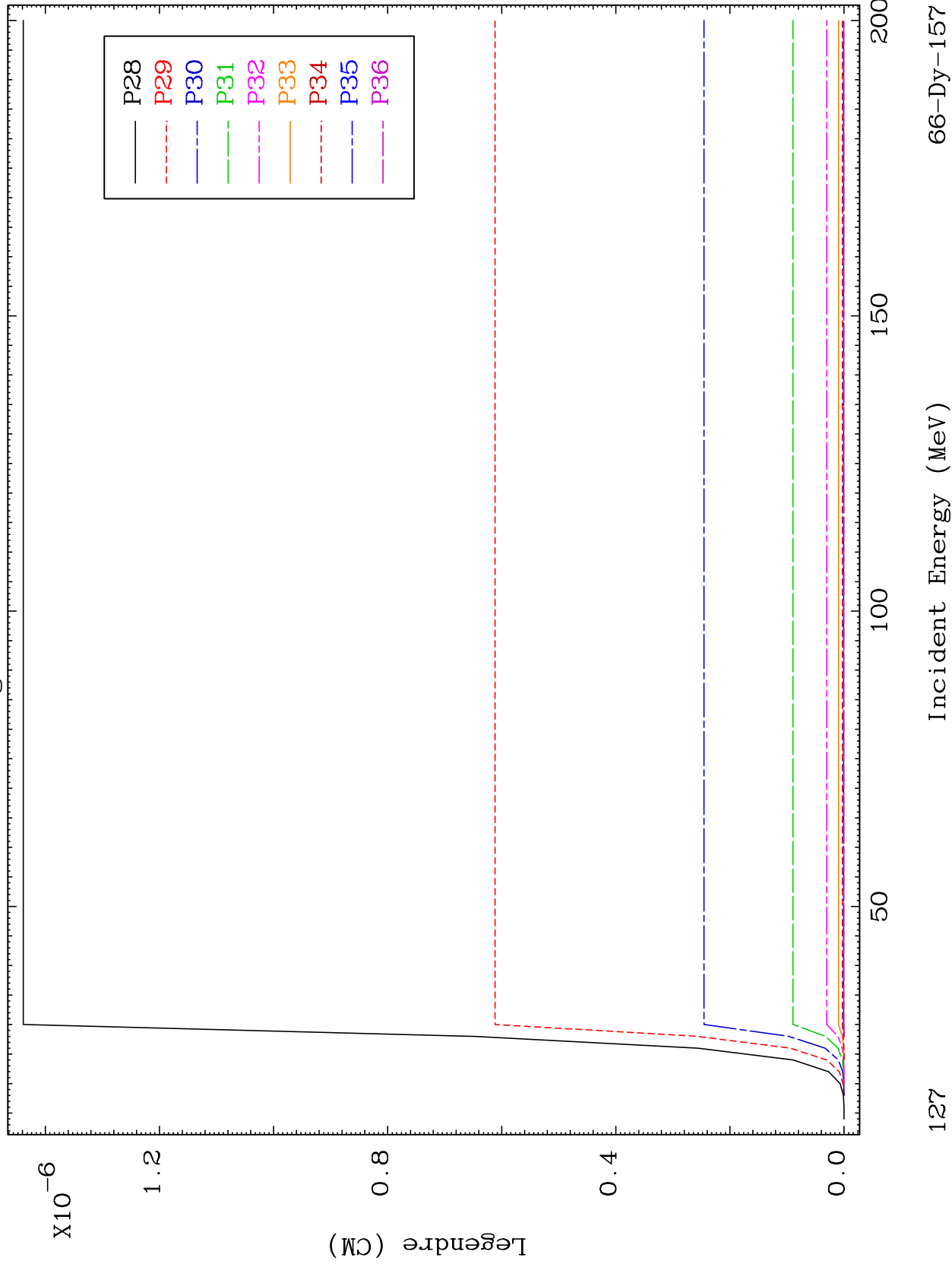
126

66-Dy-157

MAT 6628

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

66-Dy-157



127

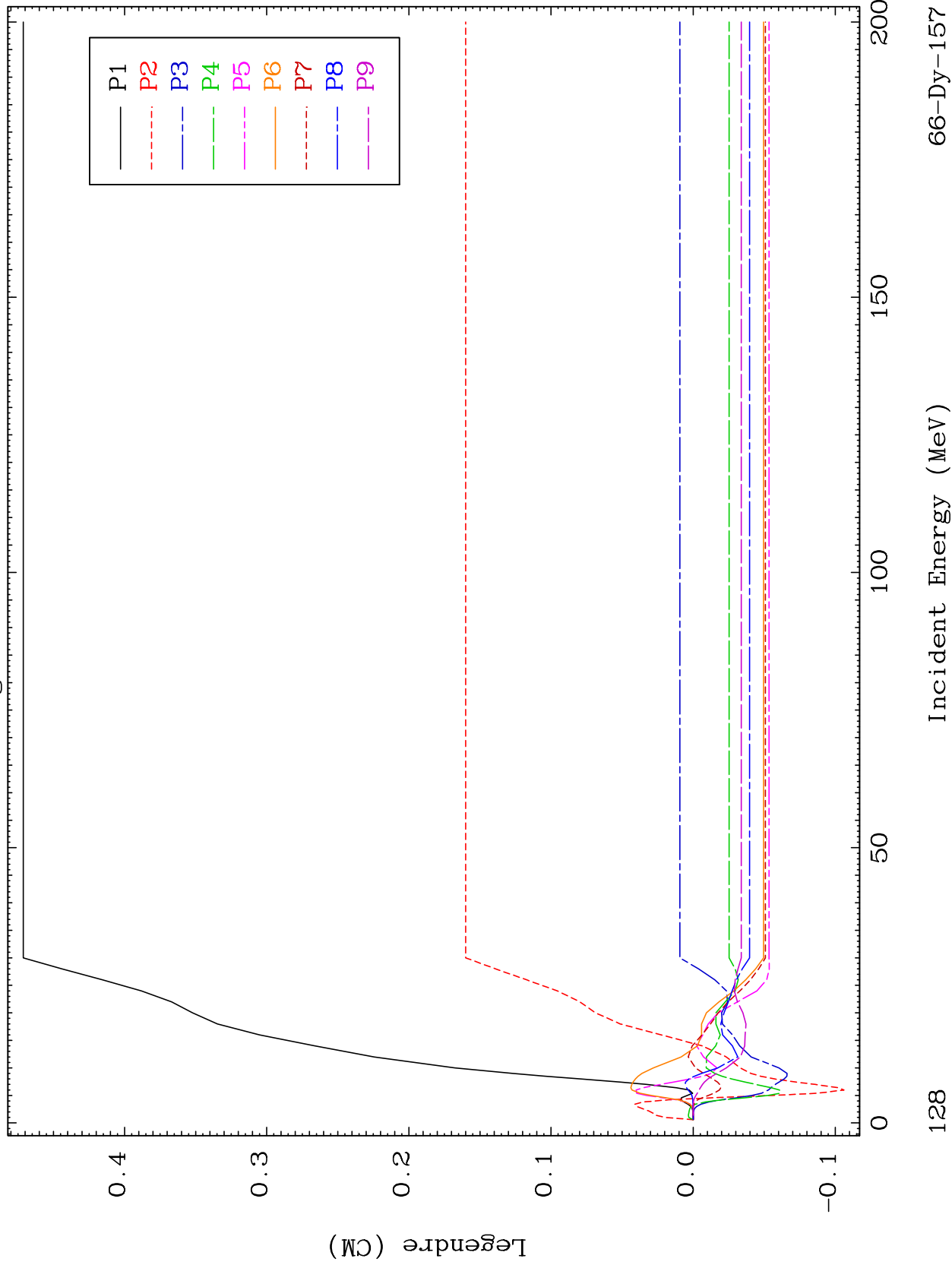
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

66-Dy-157



66-Dy-157

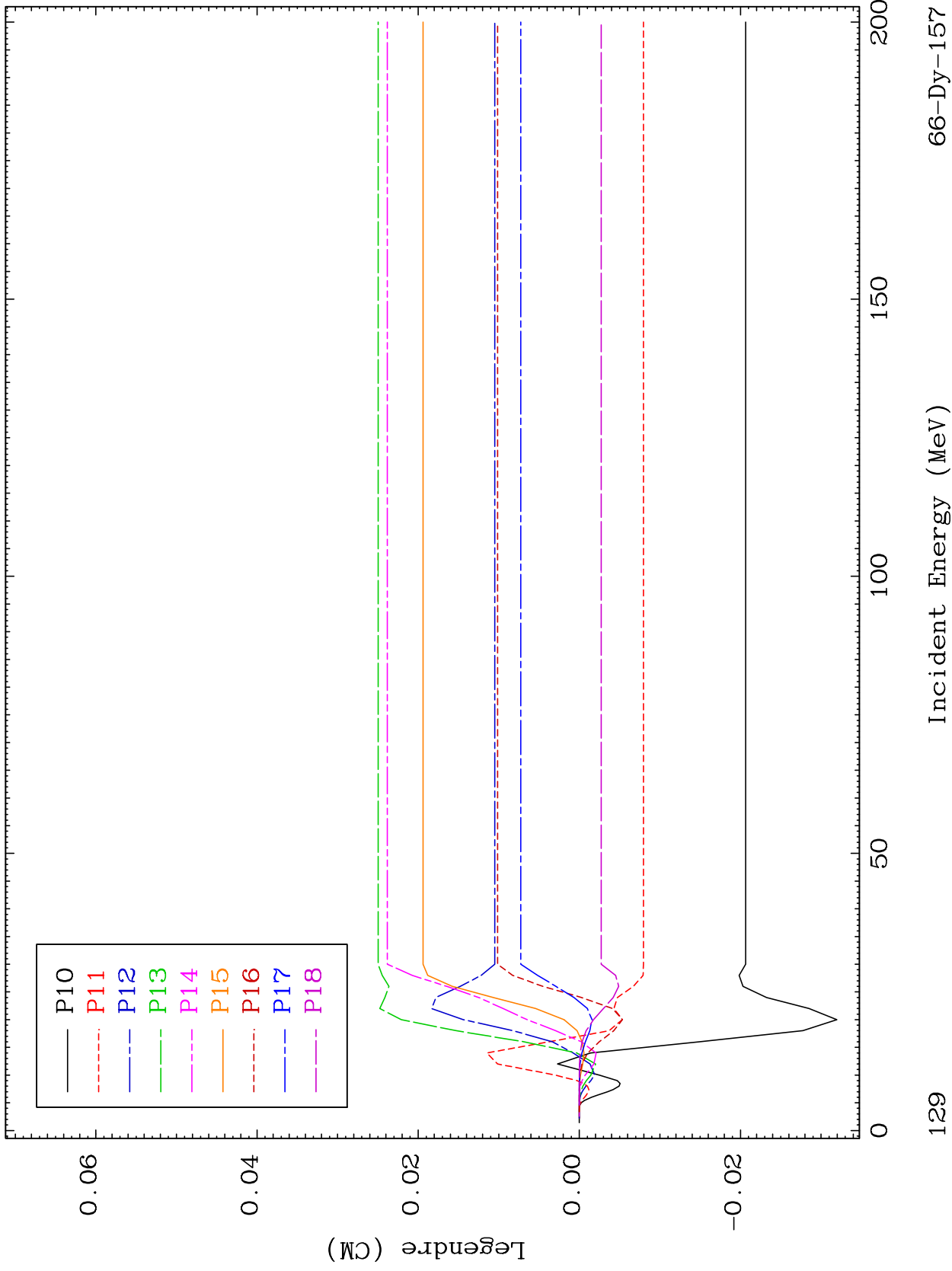
Incident Energy (MeV)

128

MAT 6628

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

66-Dy-157



129

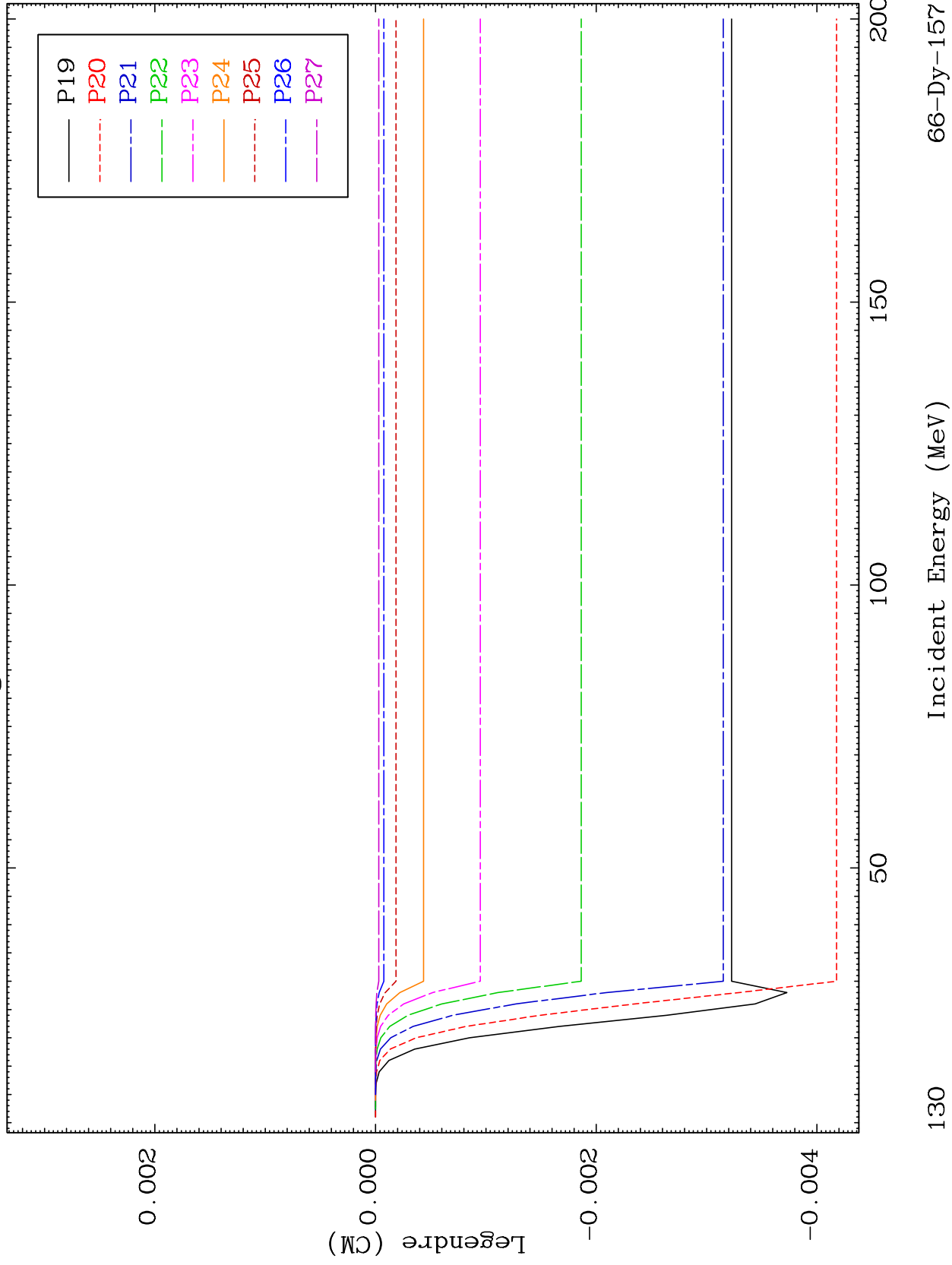
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

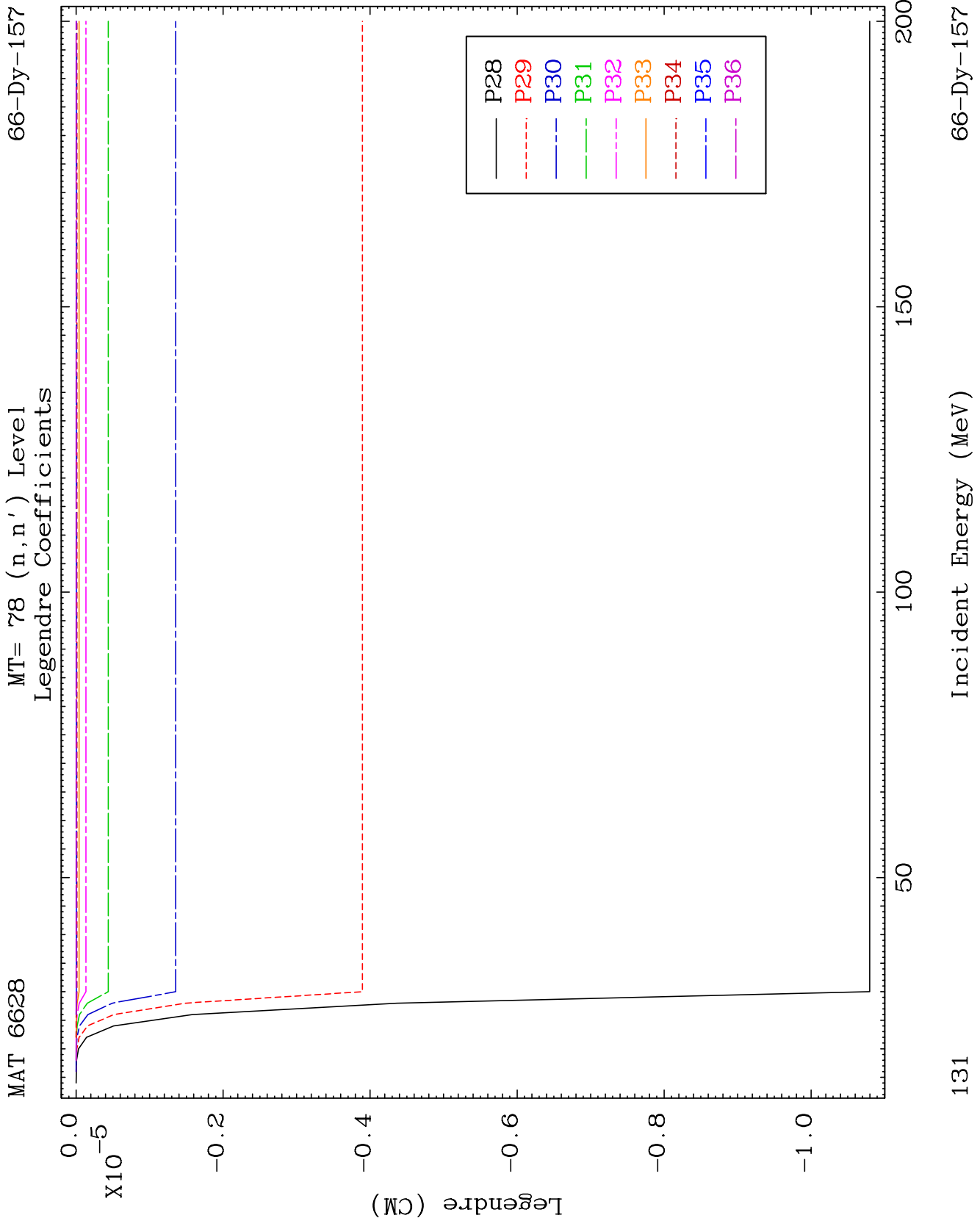
66-Dy-157



130

Incident Energy (MeV)

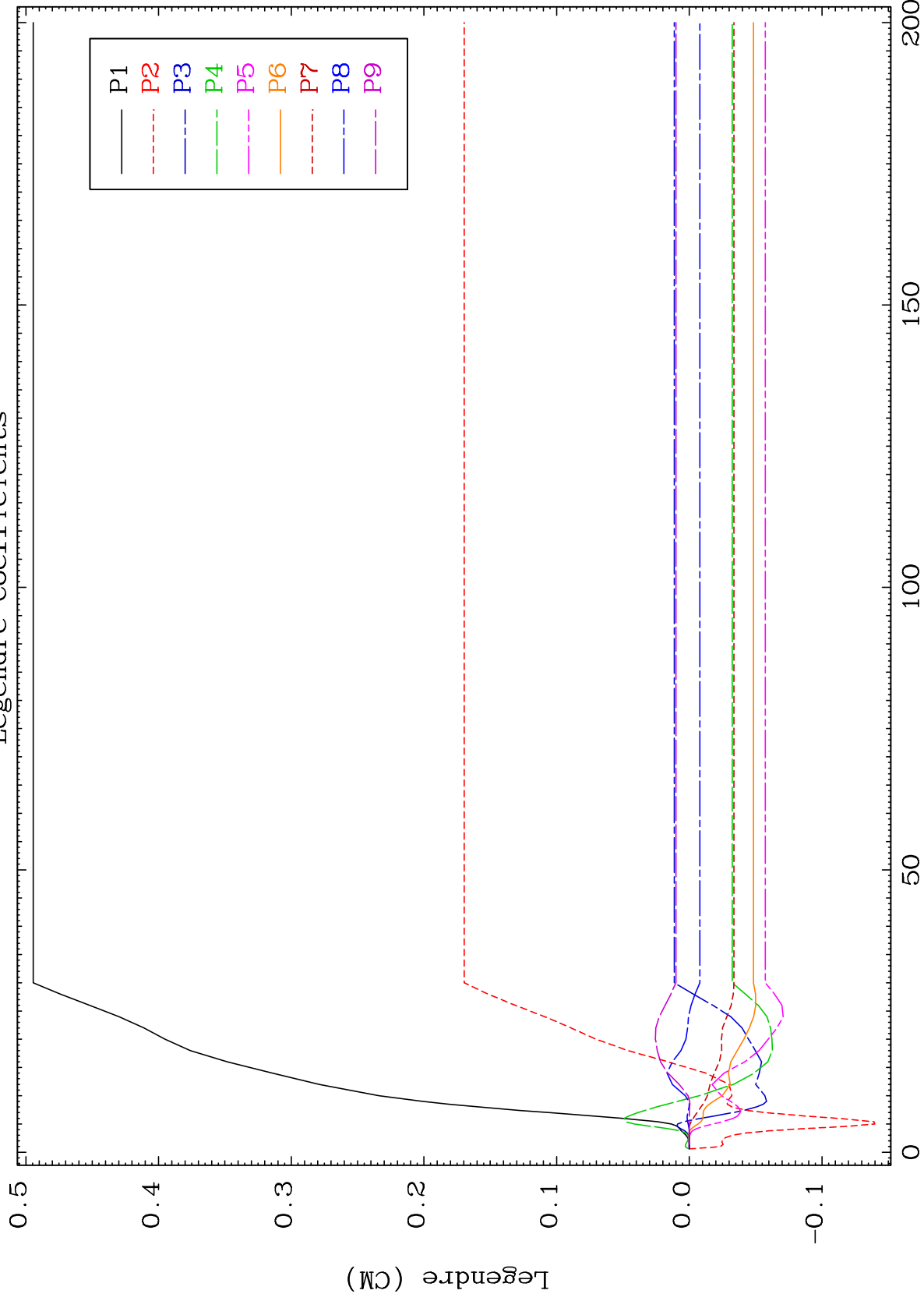
66-Dy-157



MAT 6628

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

66-Dy-157



132

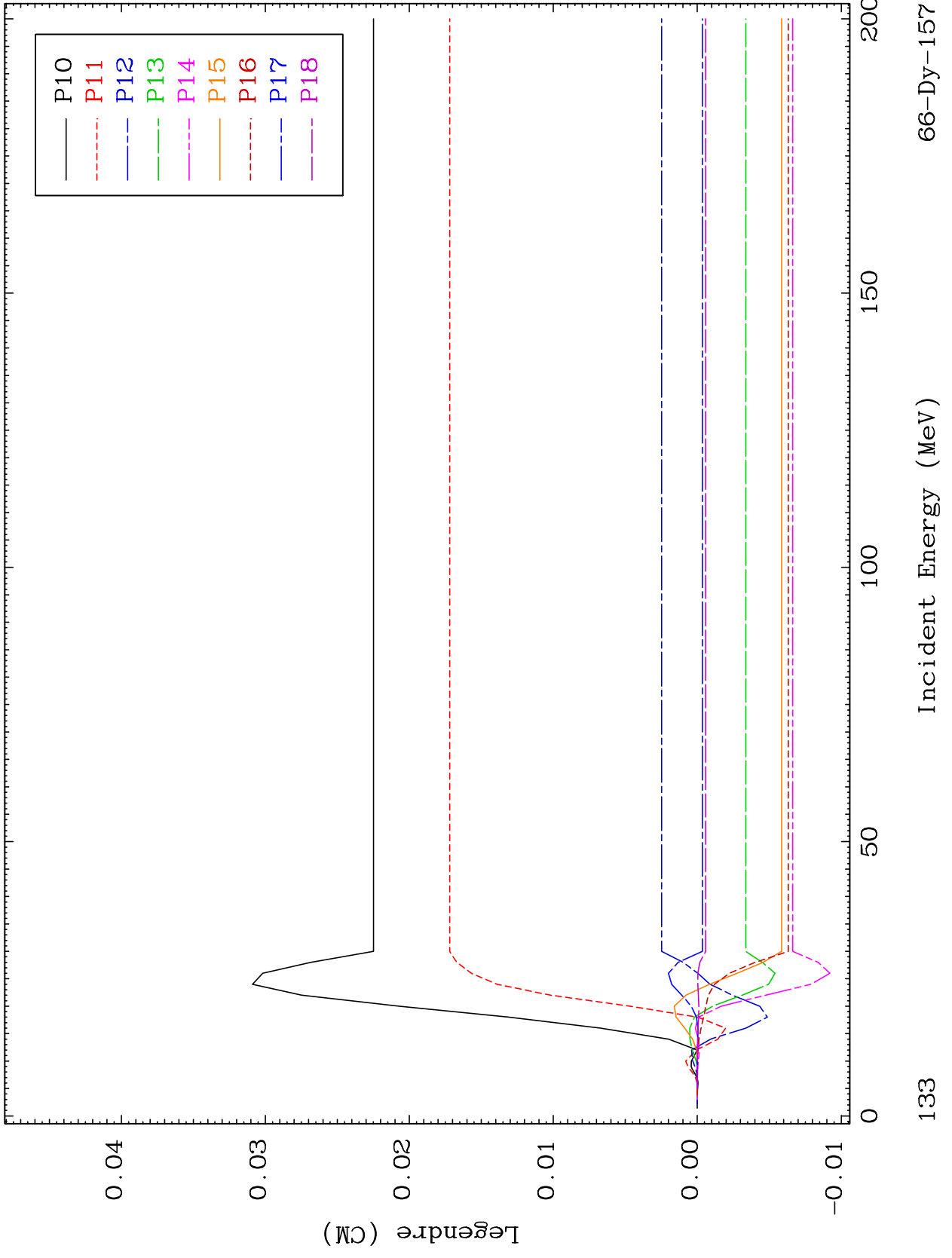
Incident Energy (MeV)

66-Dy-157

MAT 6628

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

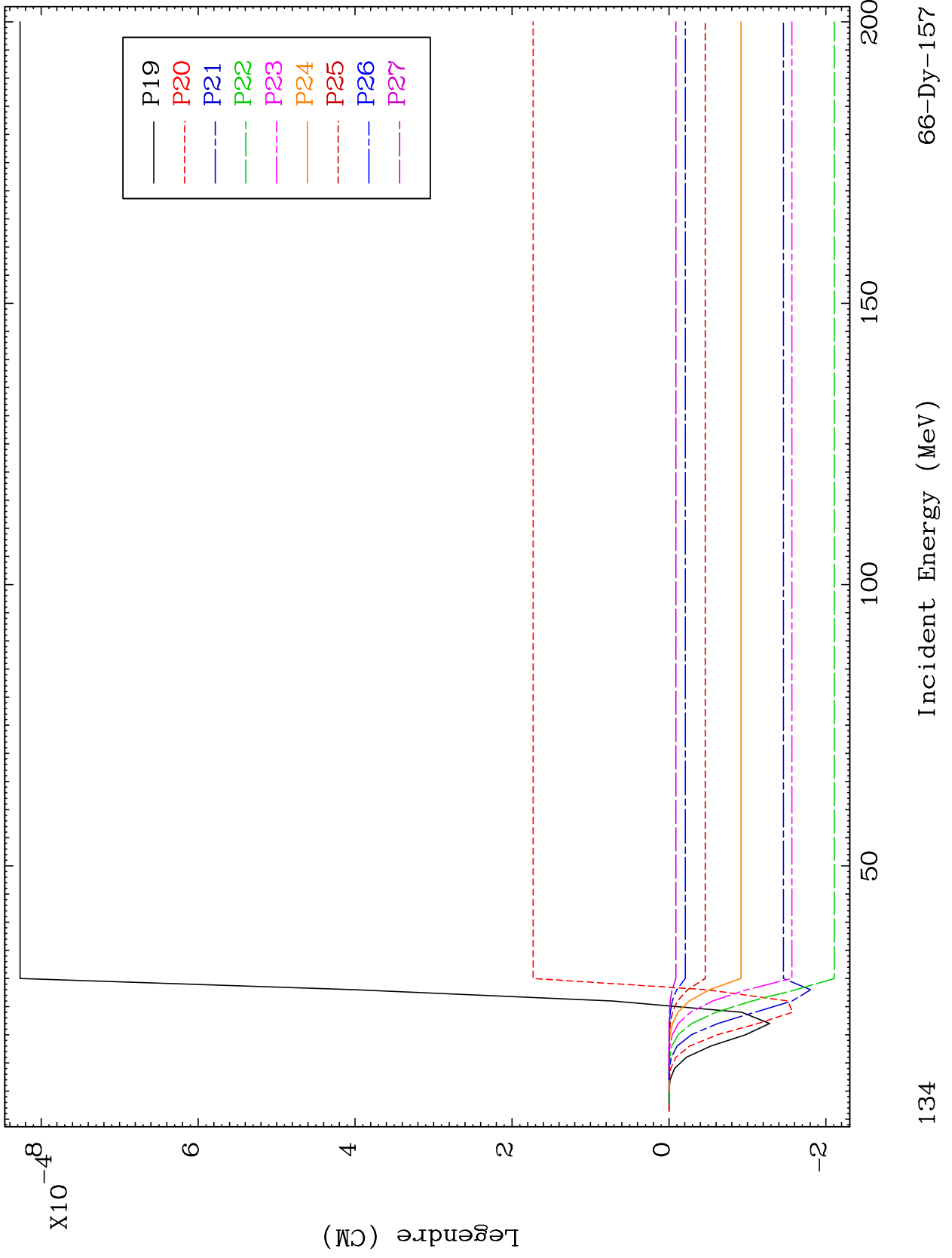
66-Dy-157

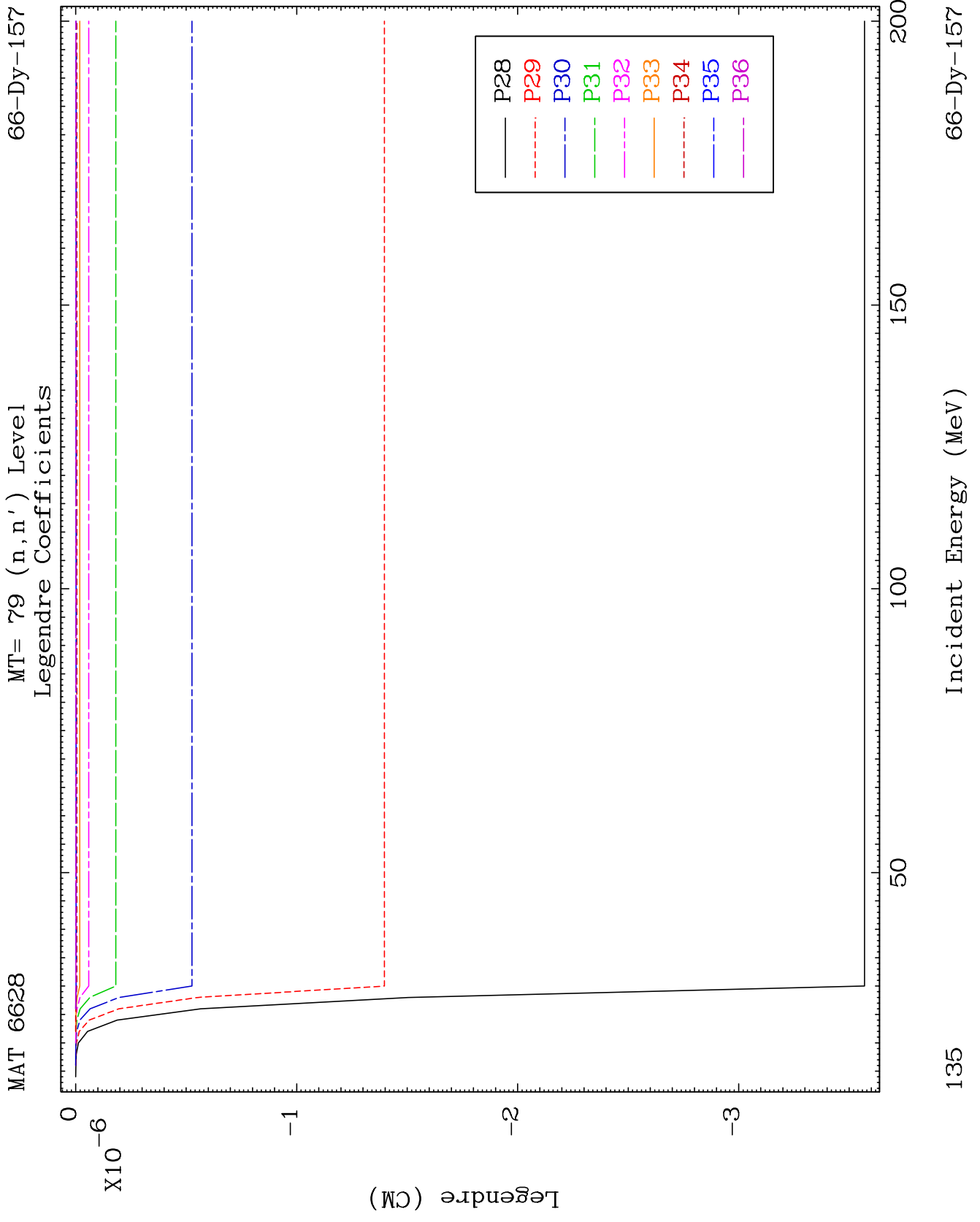


66-Dy-157

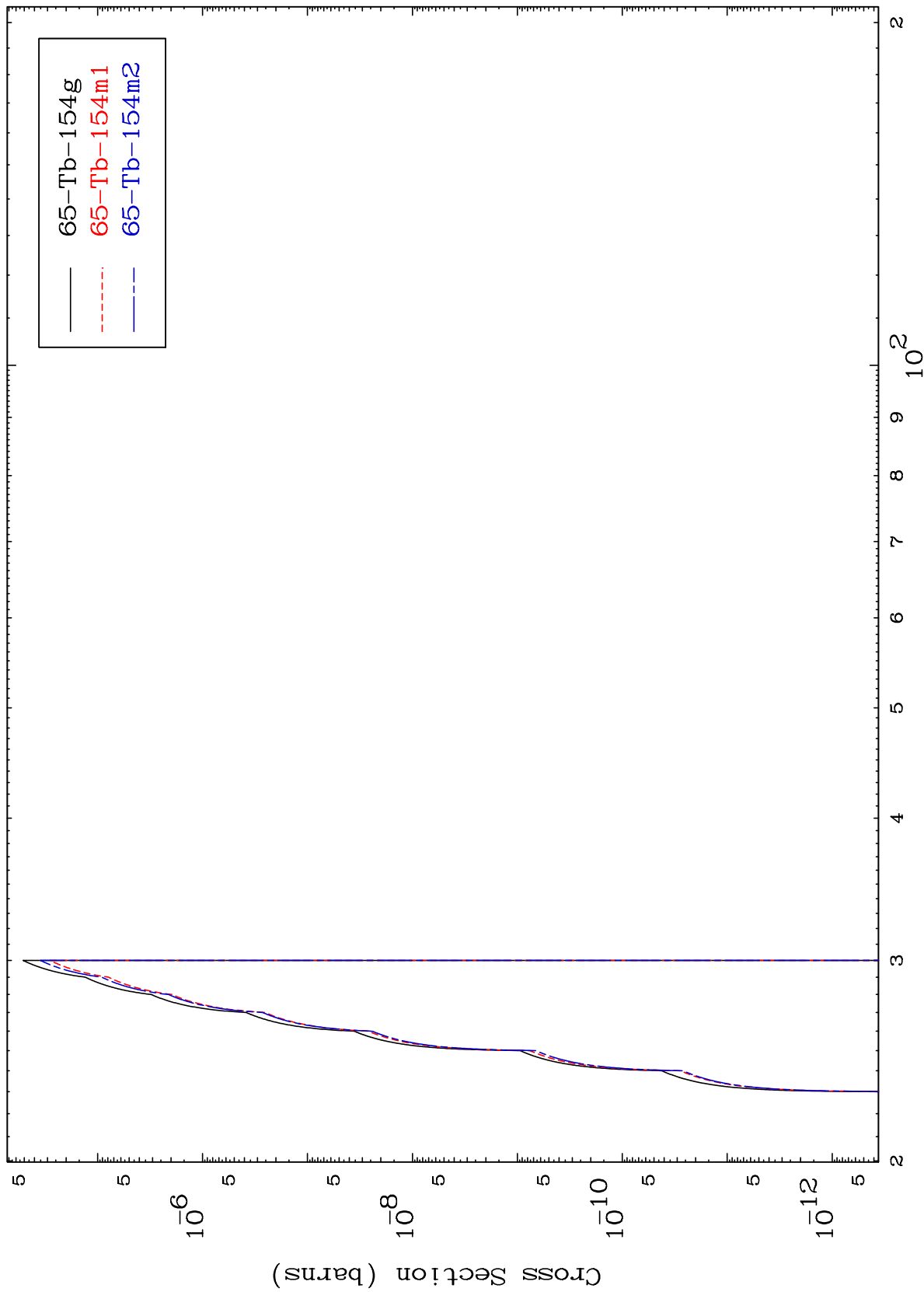
Incident Energy (MeV)

133





Radionuclide Production Cross Section

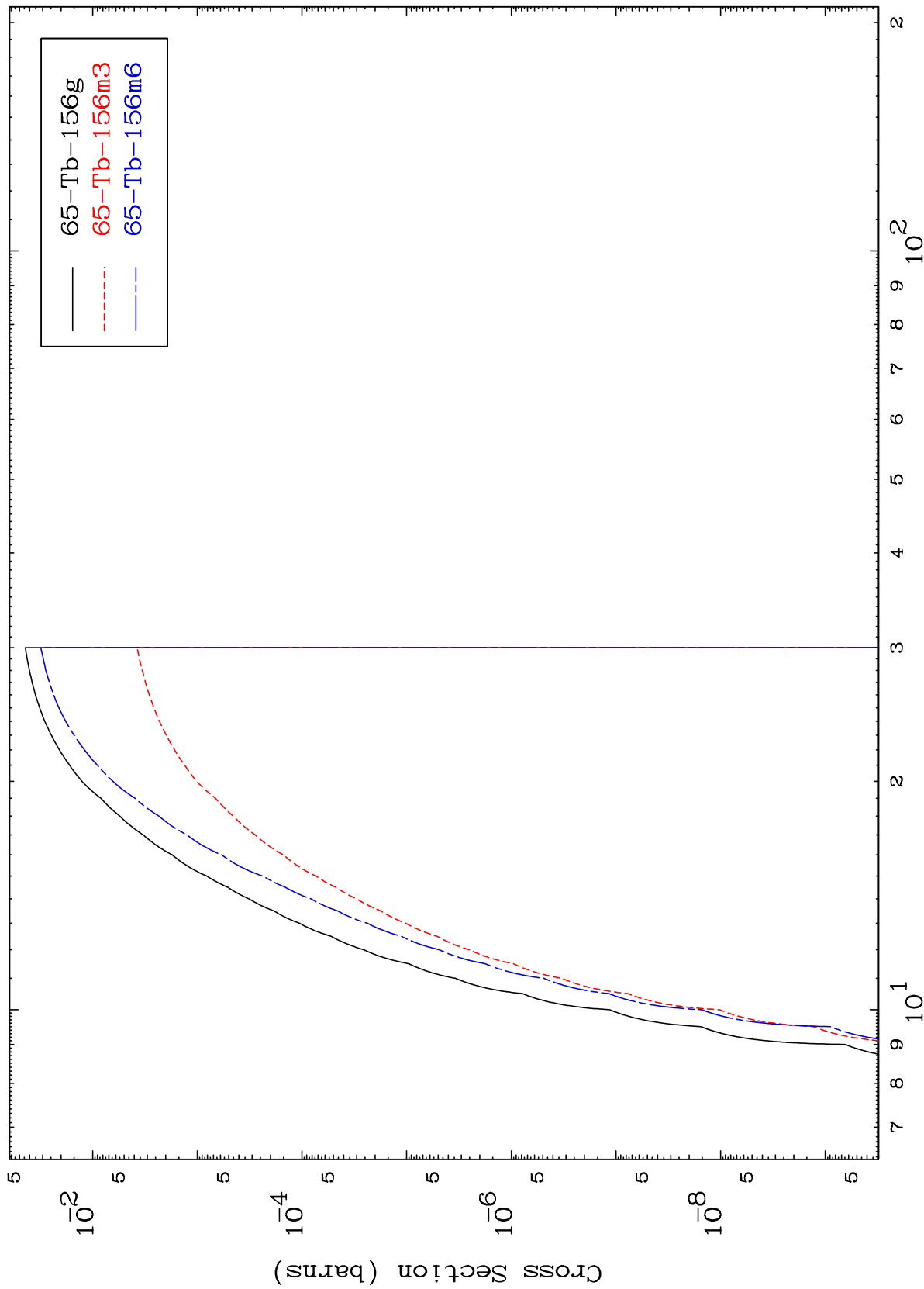


MAT 6628

(n,n') p

66-Dy-157

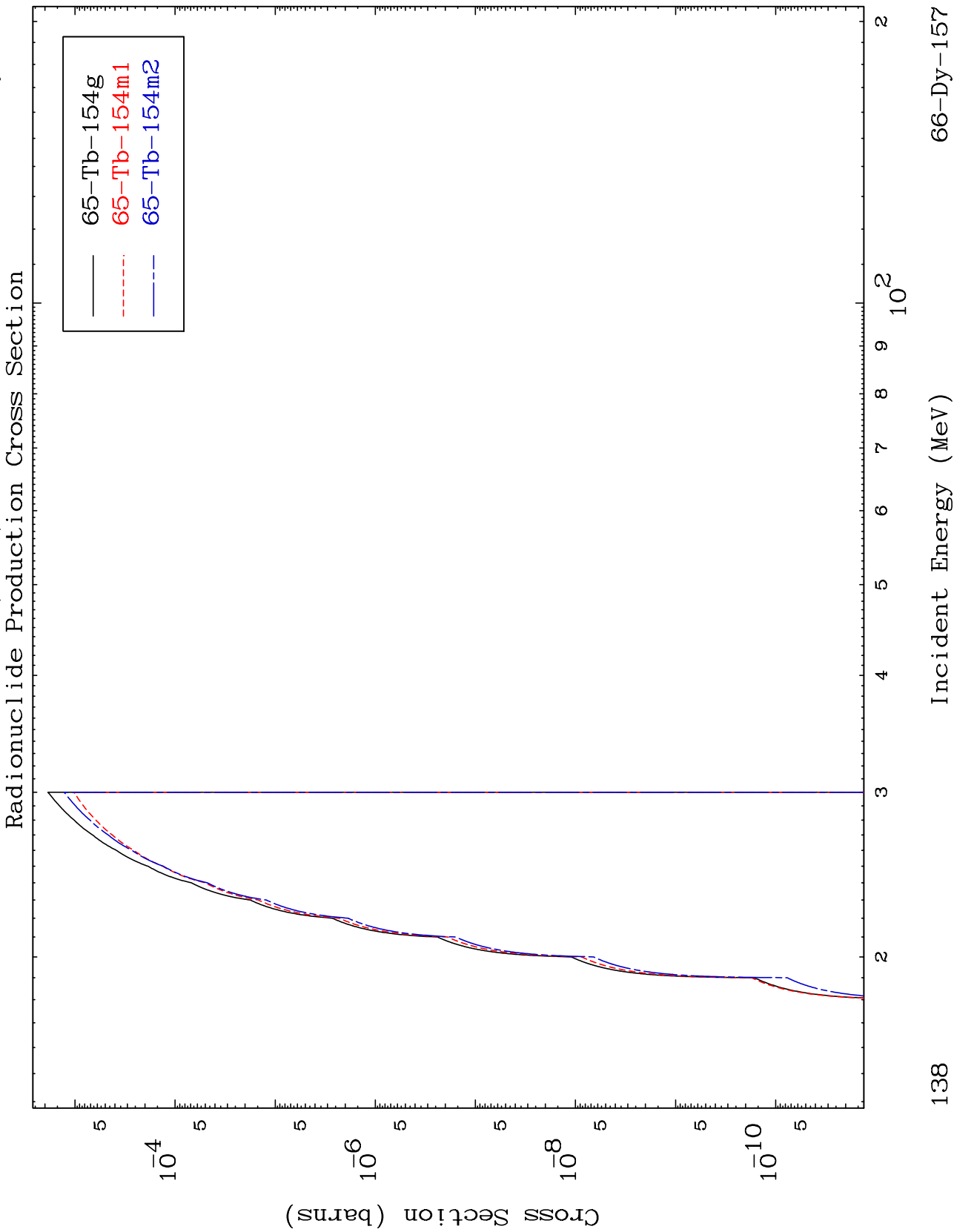
Radionuclide Production Cross Section

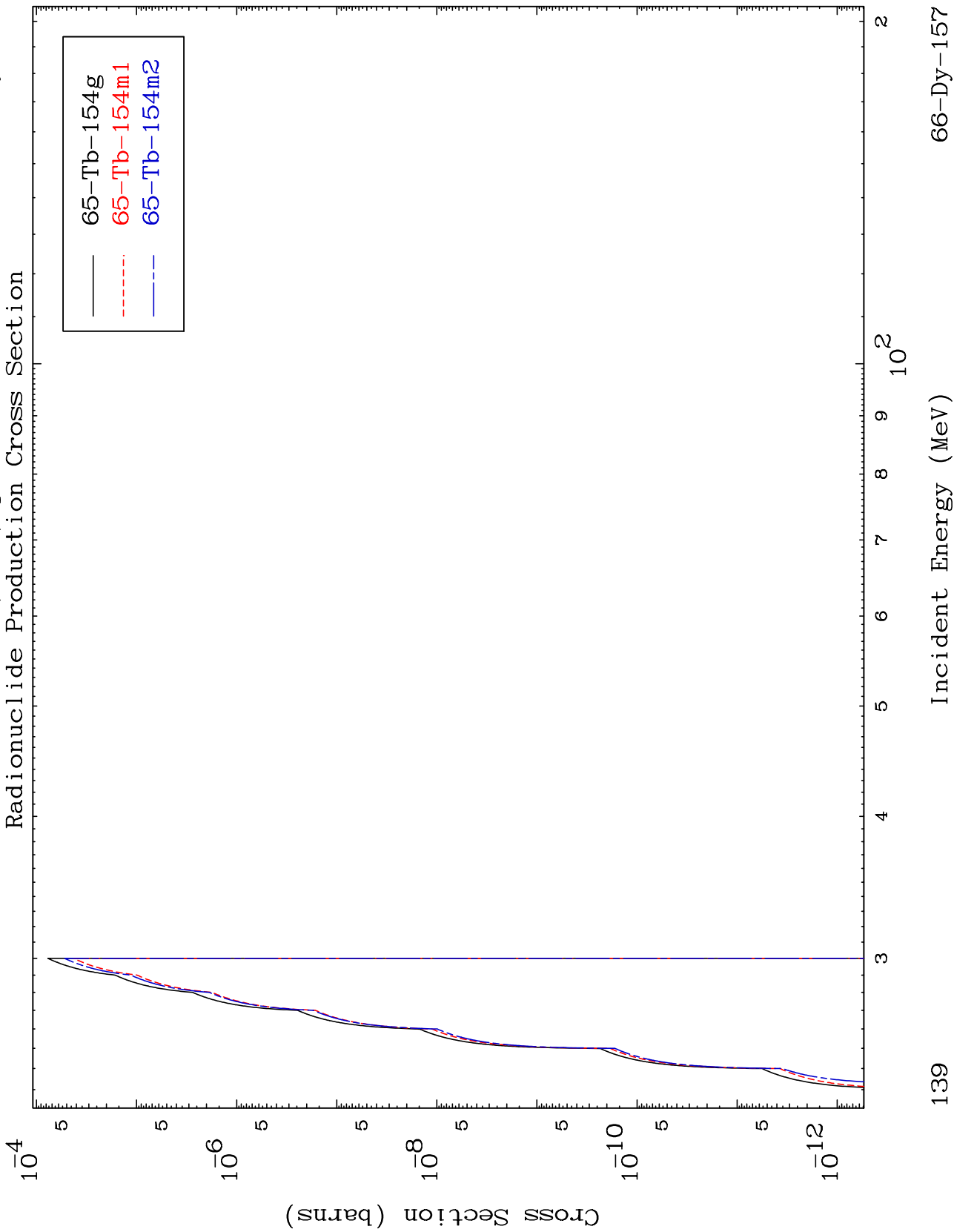


137

Incident Energy (MeV)

66-Dy-157



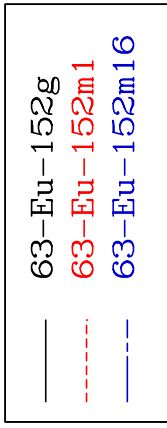
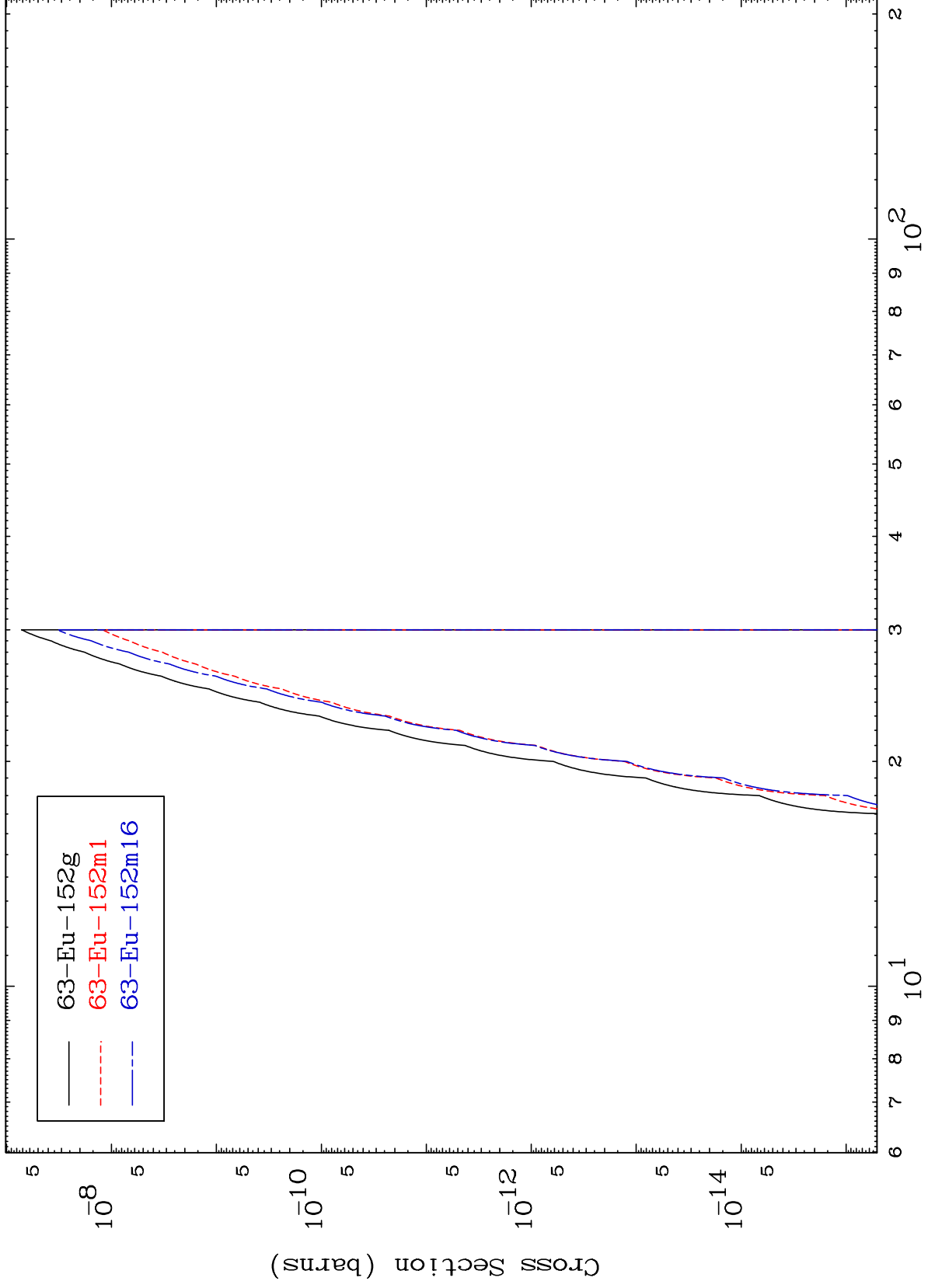


MAT 6628

(n,n') p α

66-Dy-157

Radionuclide Production Cross Section

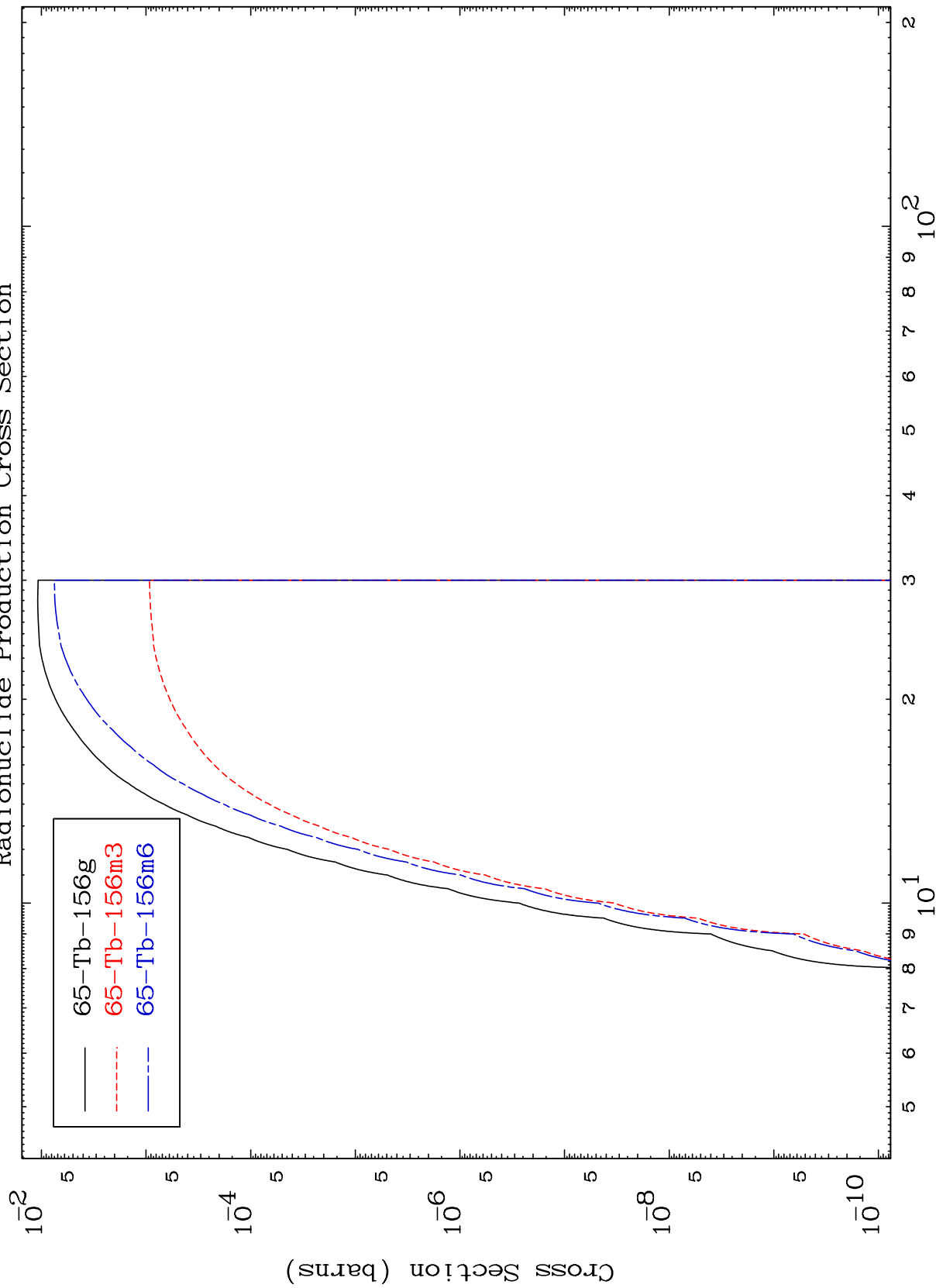


MAT 6628

(n,d)

66-Dy-157

Radionuclide Production Cross Section



141

Incident Energy (MeV)

66-Dy-157

