

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

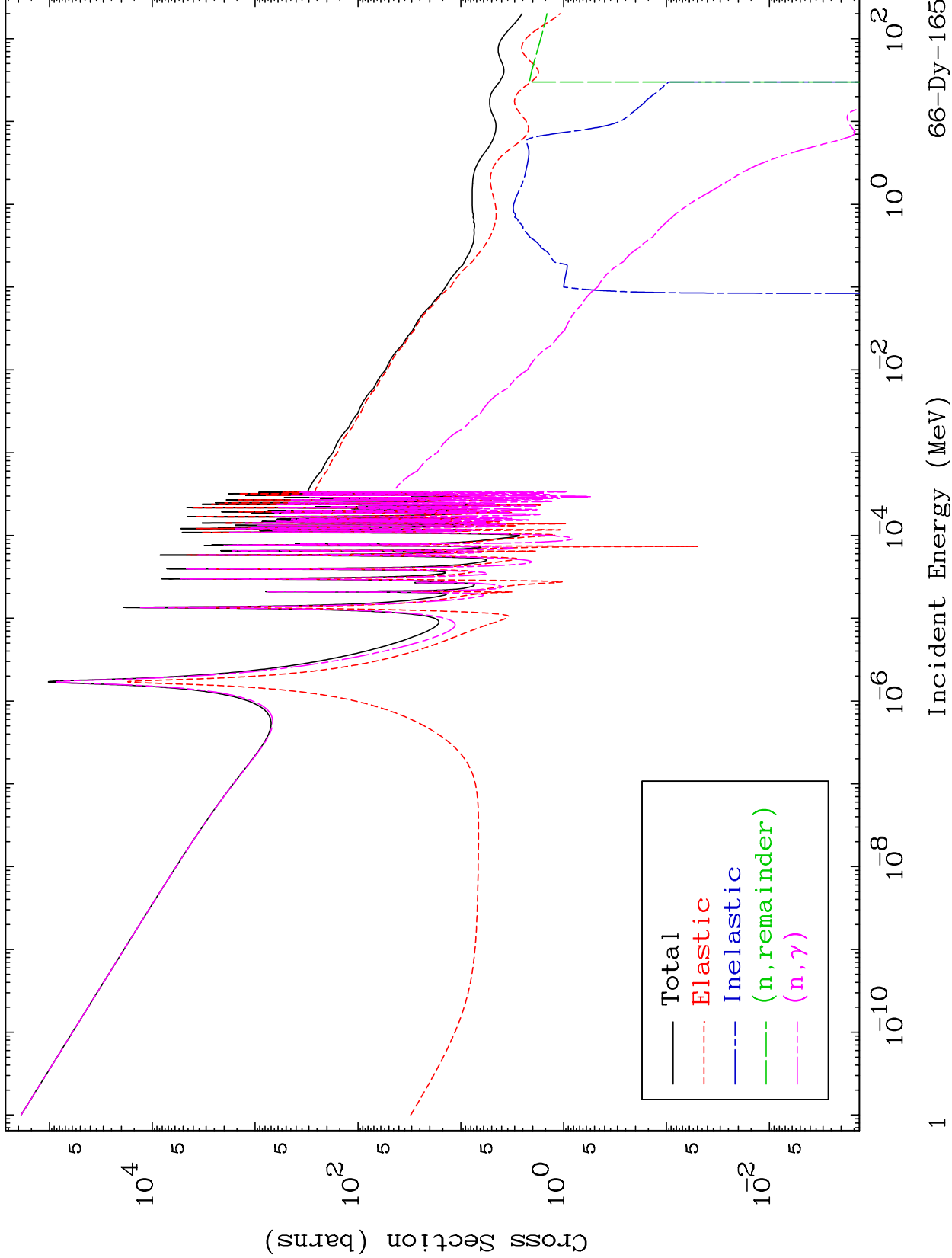
Press Mouse Button to Start

MAT 6652

Major

293 Kelvin Cross Sections

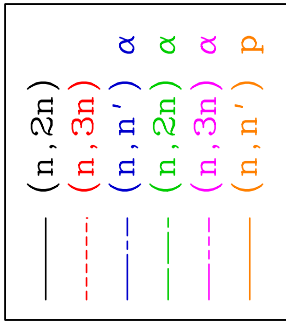
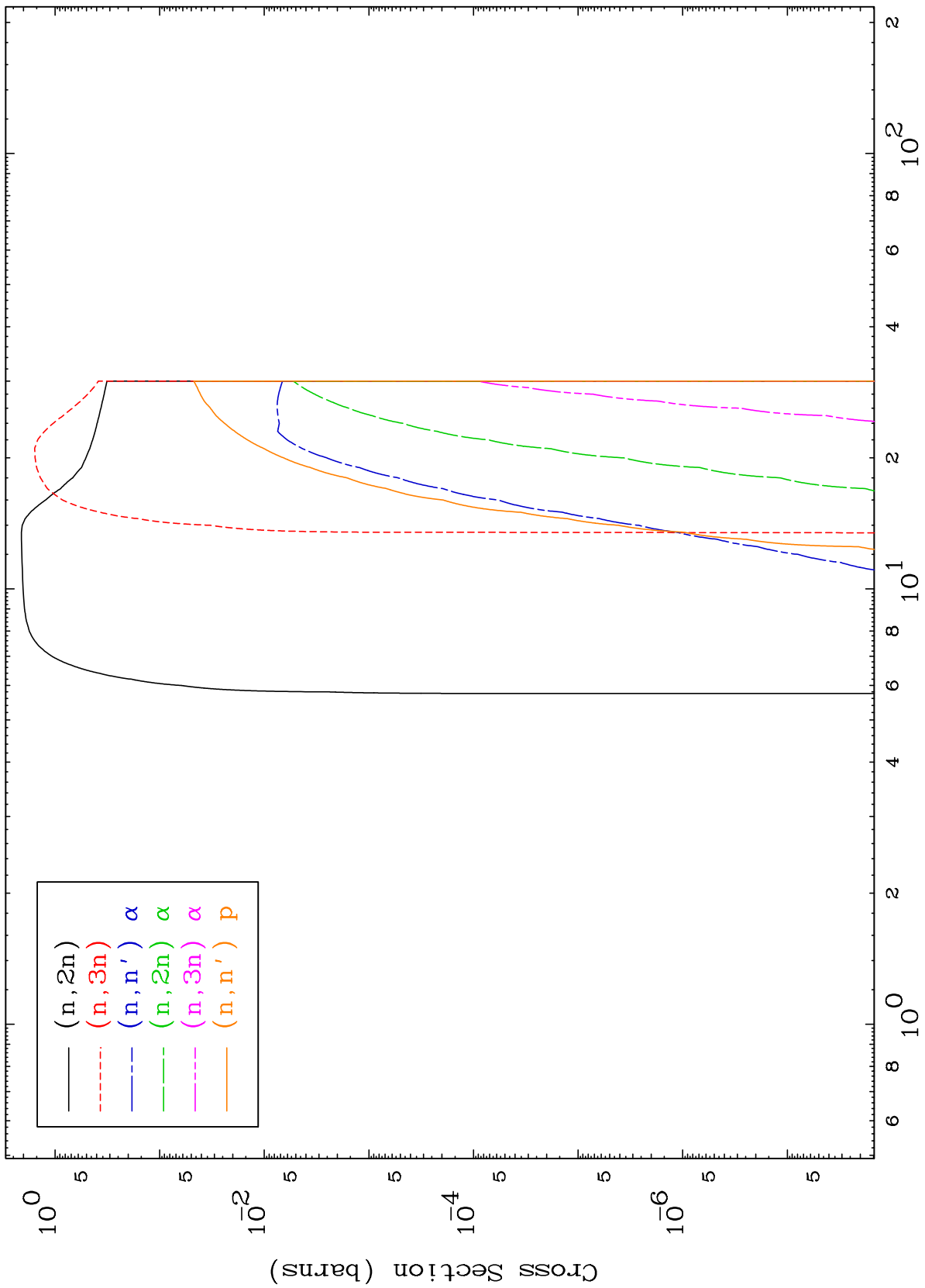
66-Dy-165



MAT 6652

Neutron Production
293 Kelvin Cross Sections

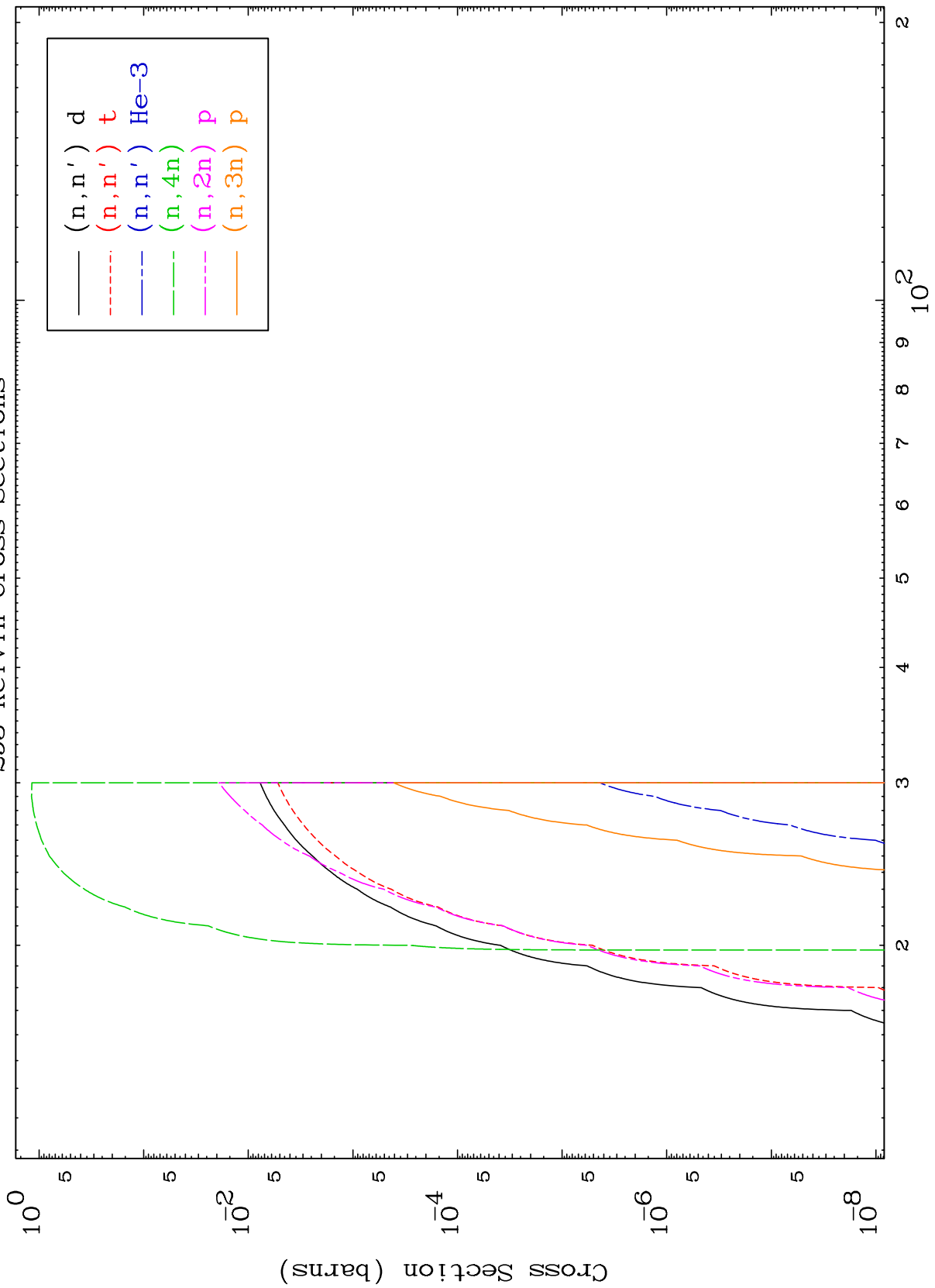
66-Dy-165



66-Dy-165

Incident Energy (MeV)

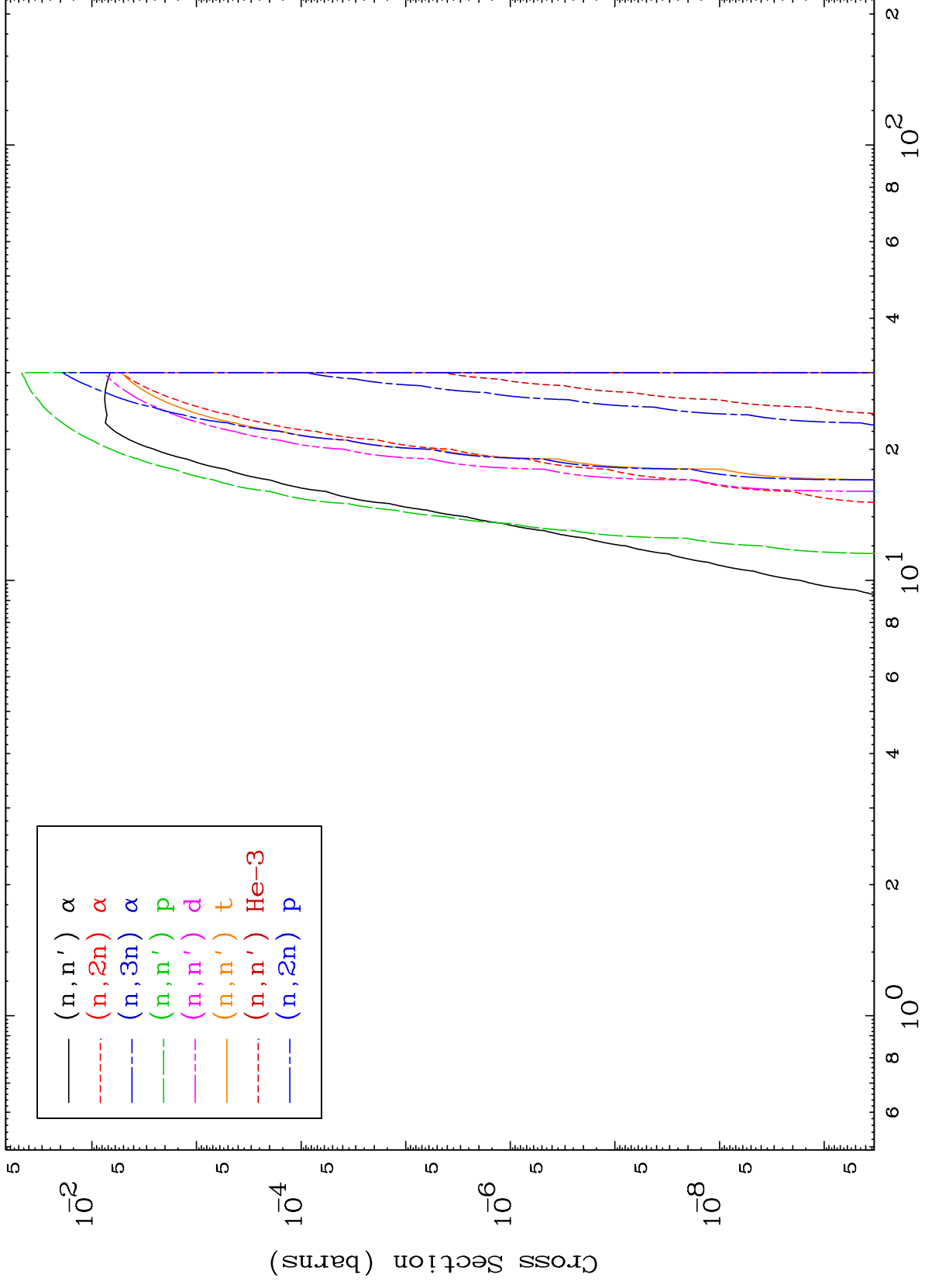
2



MAT 6652

Charged Particle
293 Kelvin Cross Sections

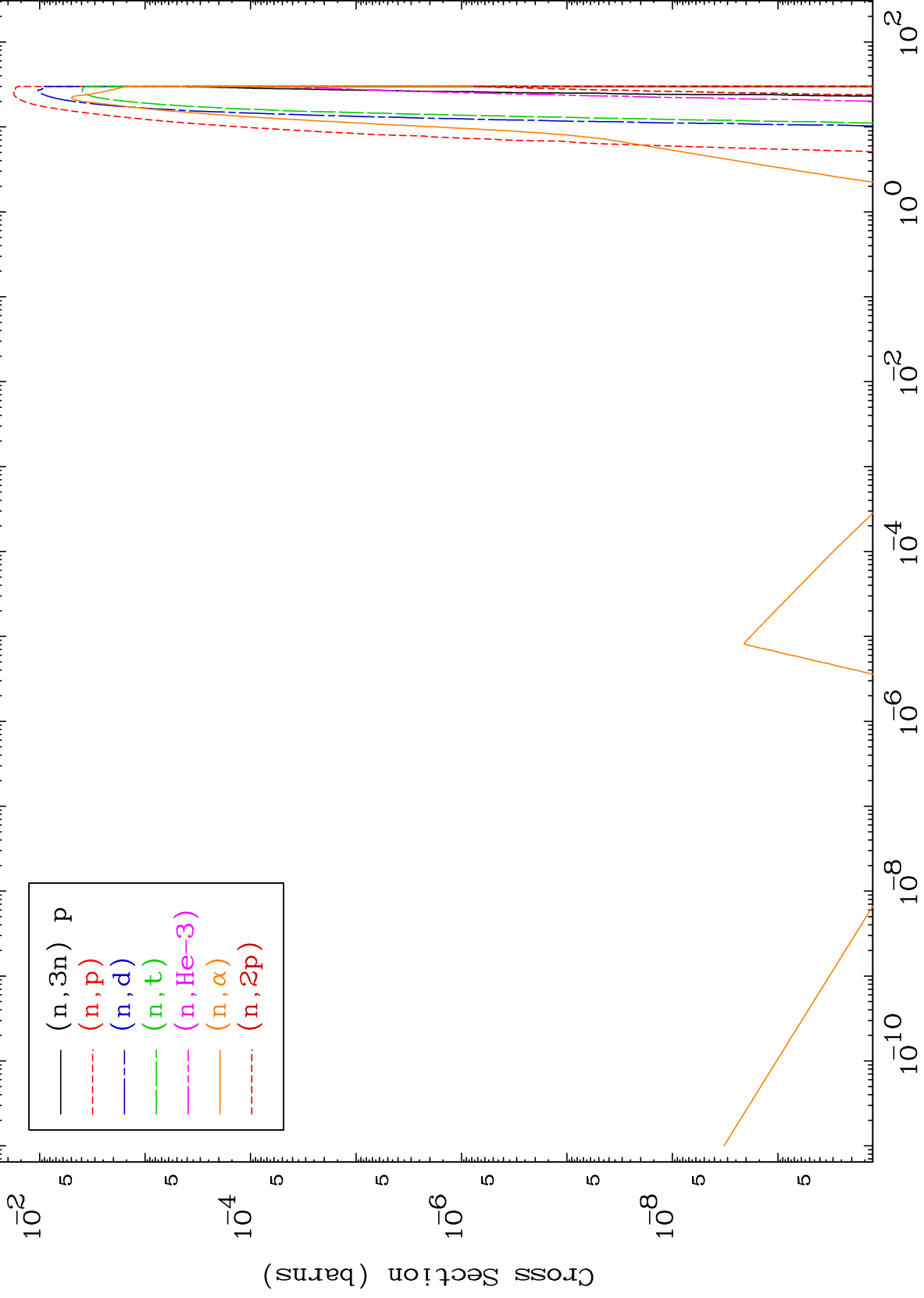
66-Dy-165



MAT 6652

Charged Particle
293 Kelvin Cross Sections

66-Dy-165



5

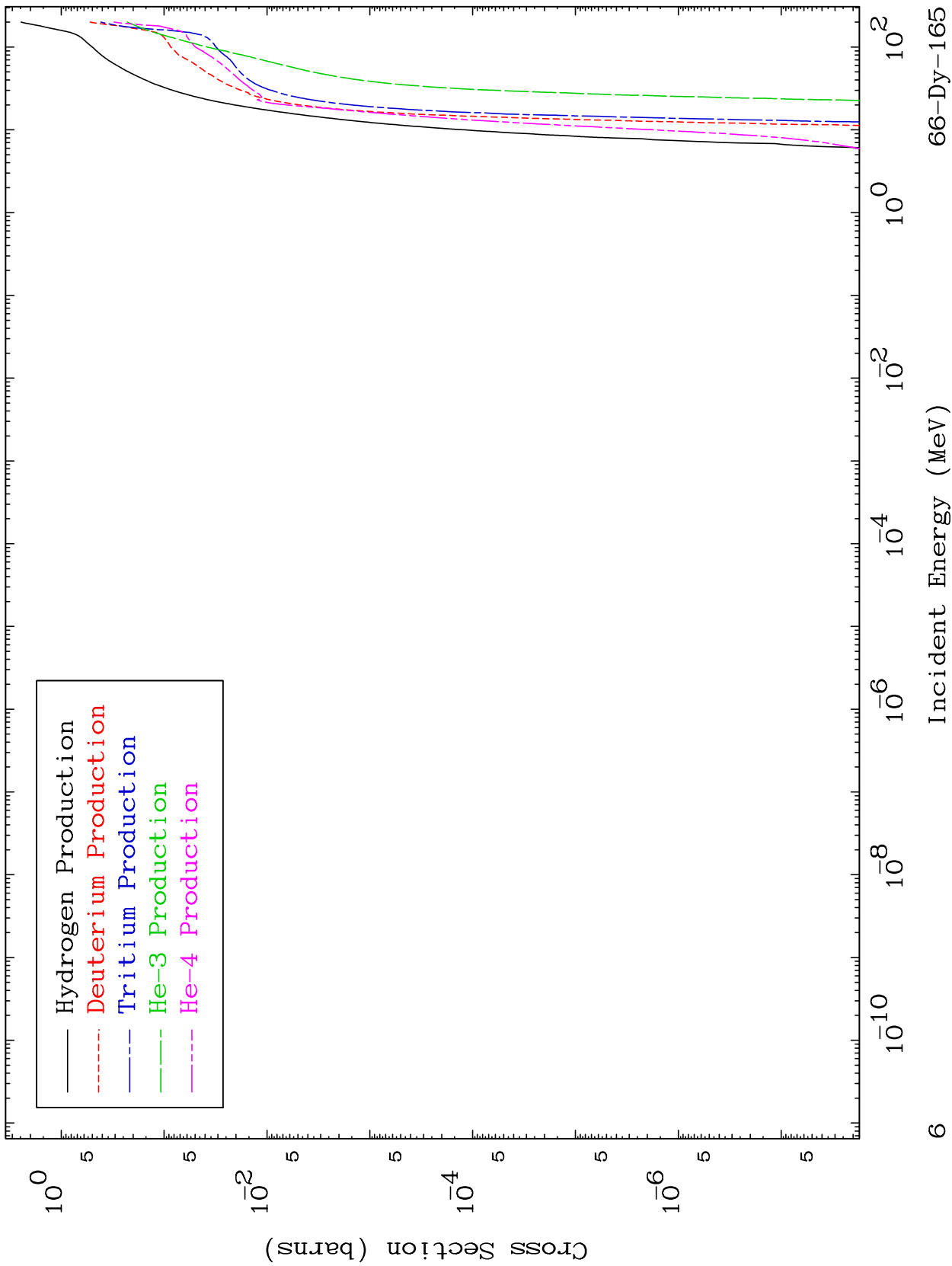
Incident Energy (MeV)

66-Dy-165

MAT 6652

Particle Production
293 Kelvin Cross Sections

66-Dy-165

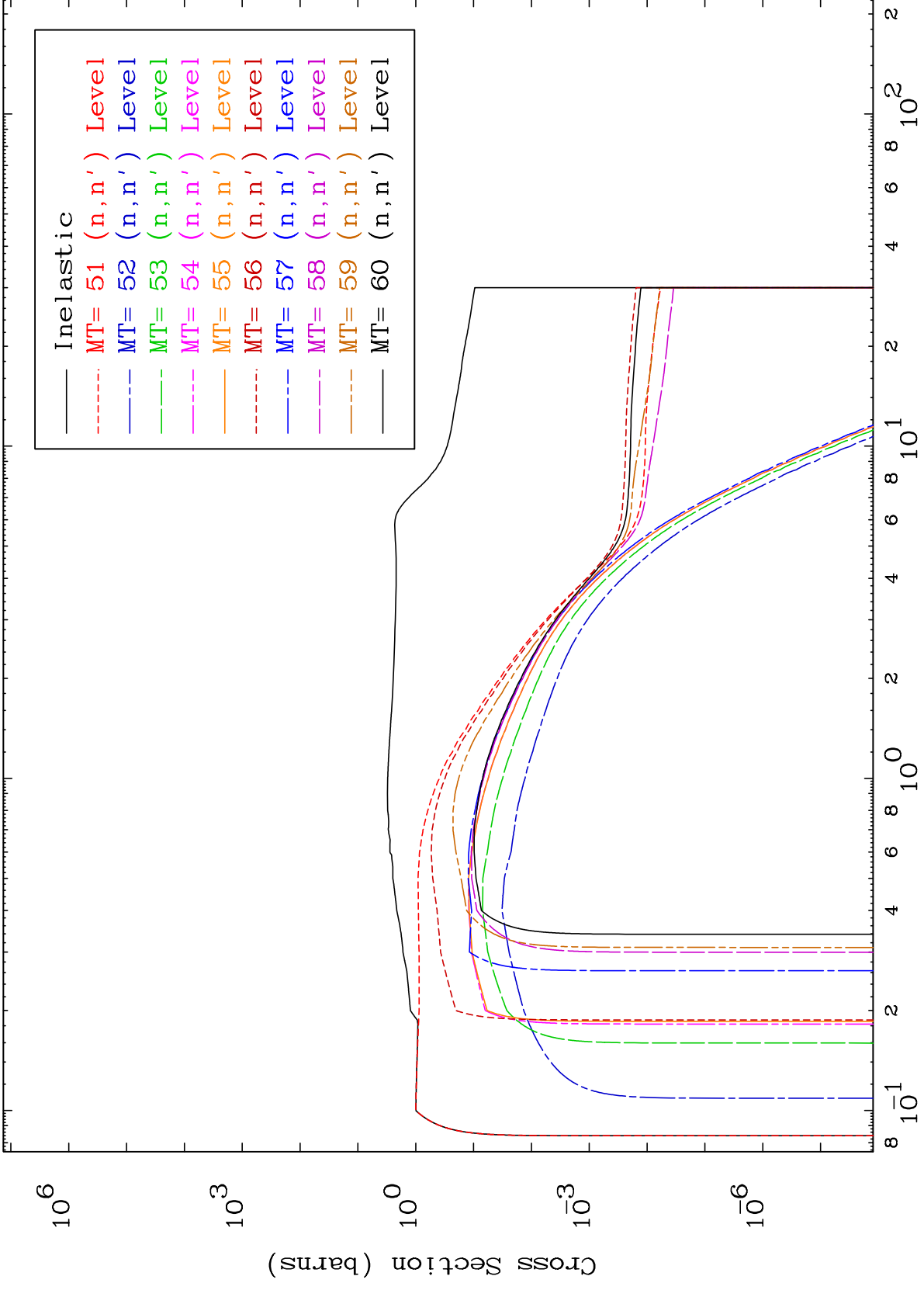


MAT 6652

(n,n') Level

66-Dy-165

293 Kelvin Cross Sections



Incident Energy (MeV)

66-Dy-165

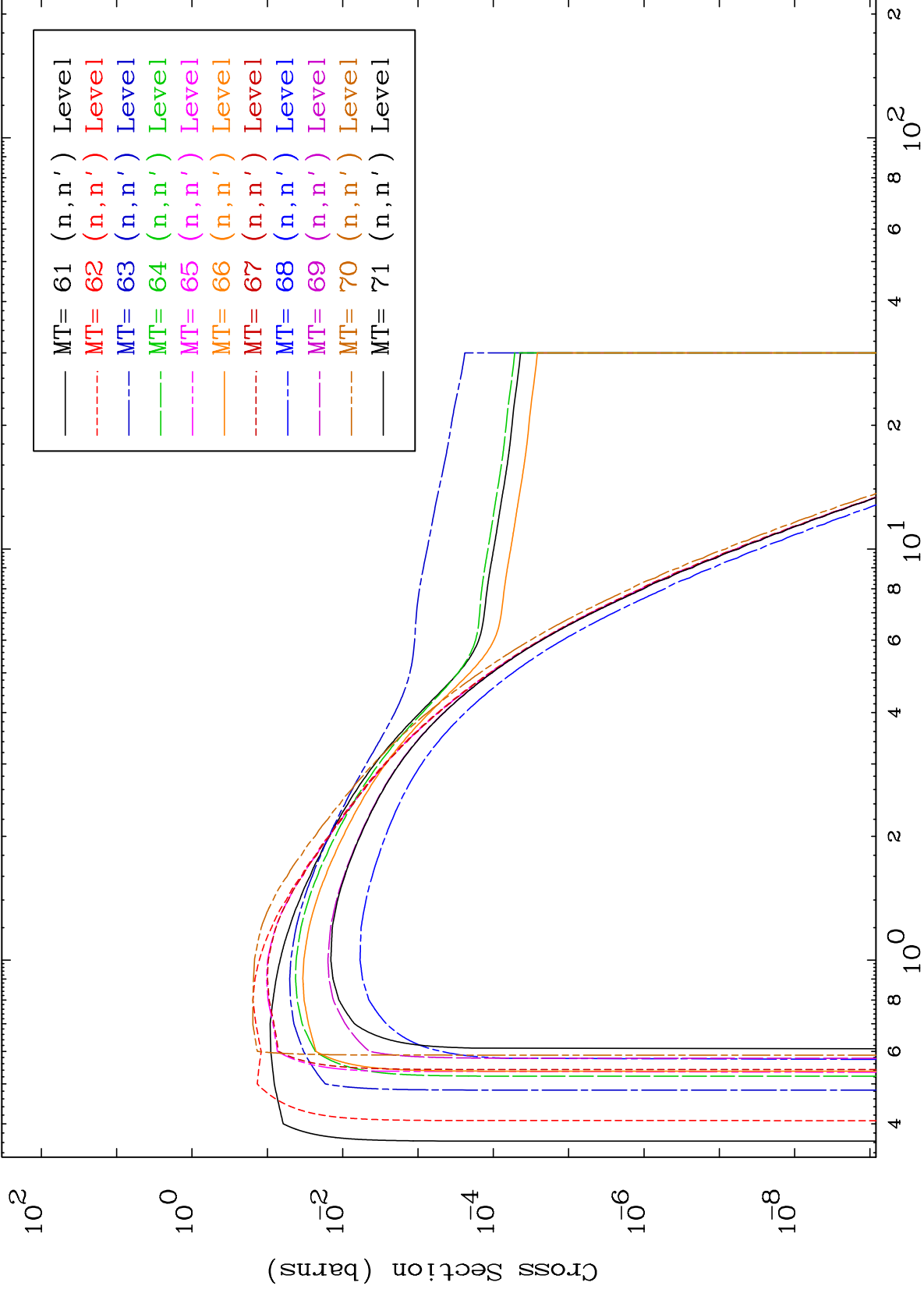
7

MAT 6652

(n,n') Level

293 Kelvin Cross Sections

66-Dy-165

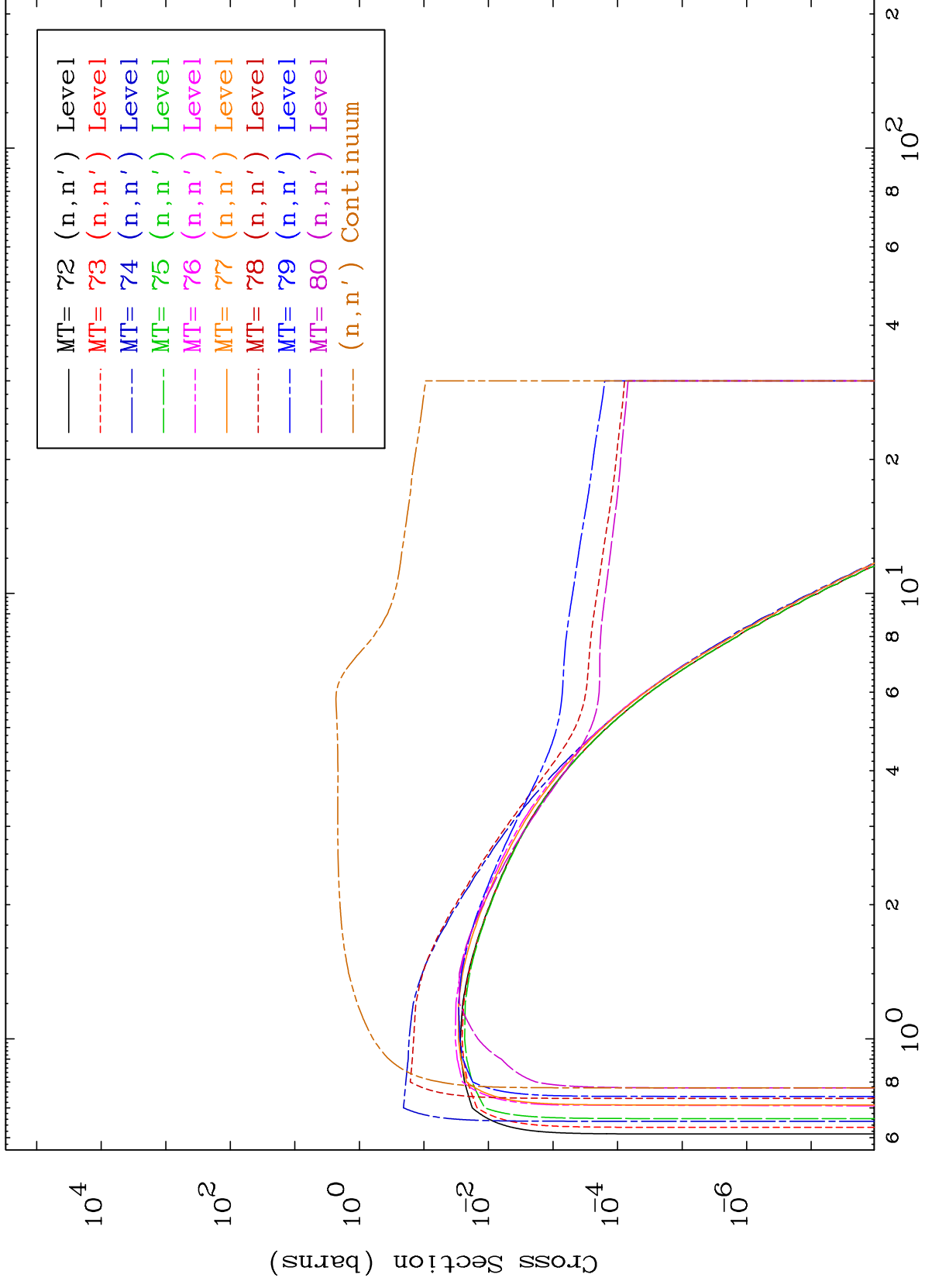


8

Incident Energy (MeV)

66-Dy-165

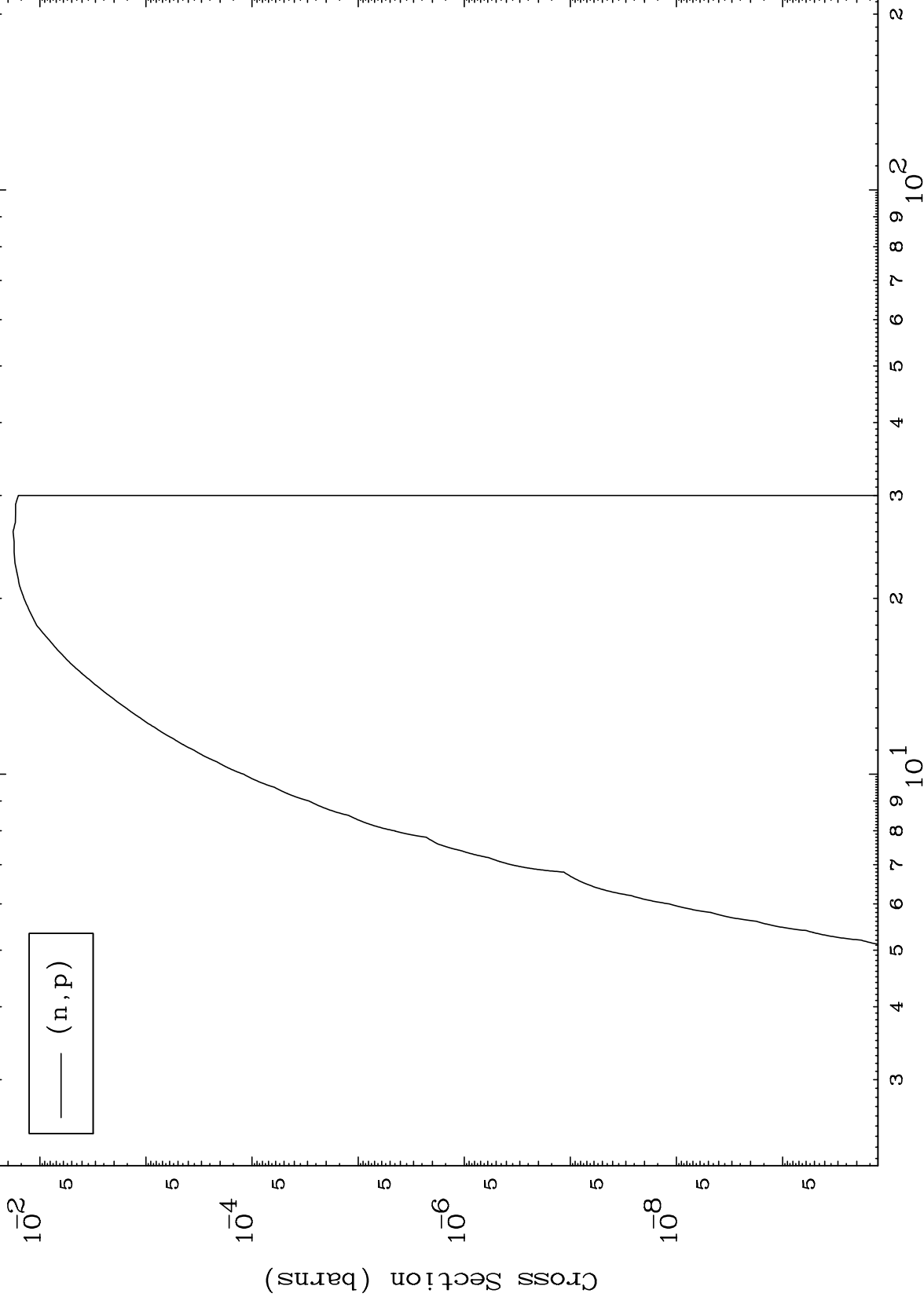
293 Kelvin Cross Sections



MAT 6652

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-165



10

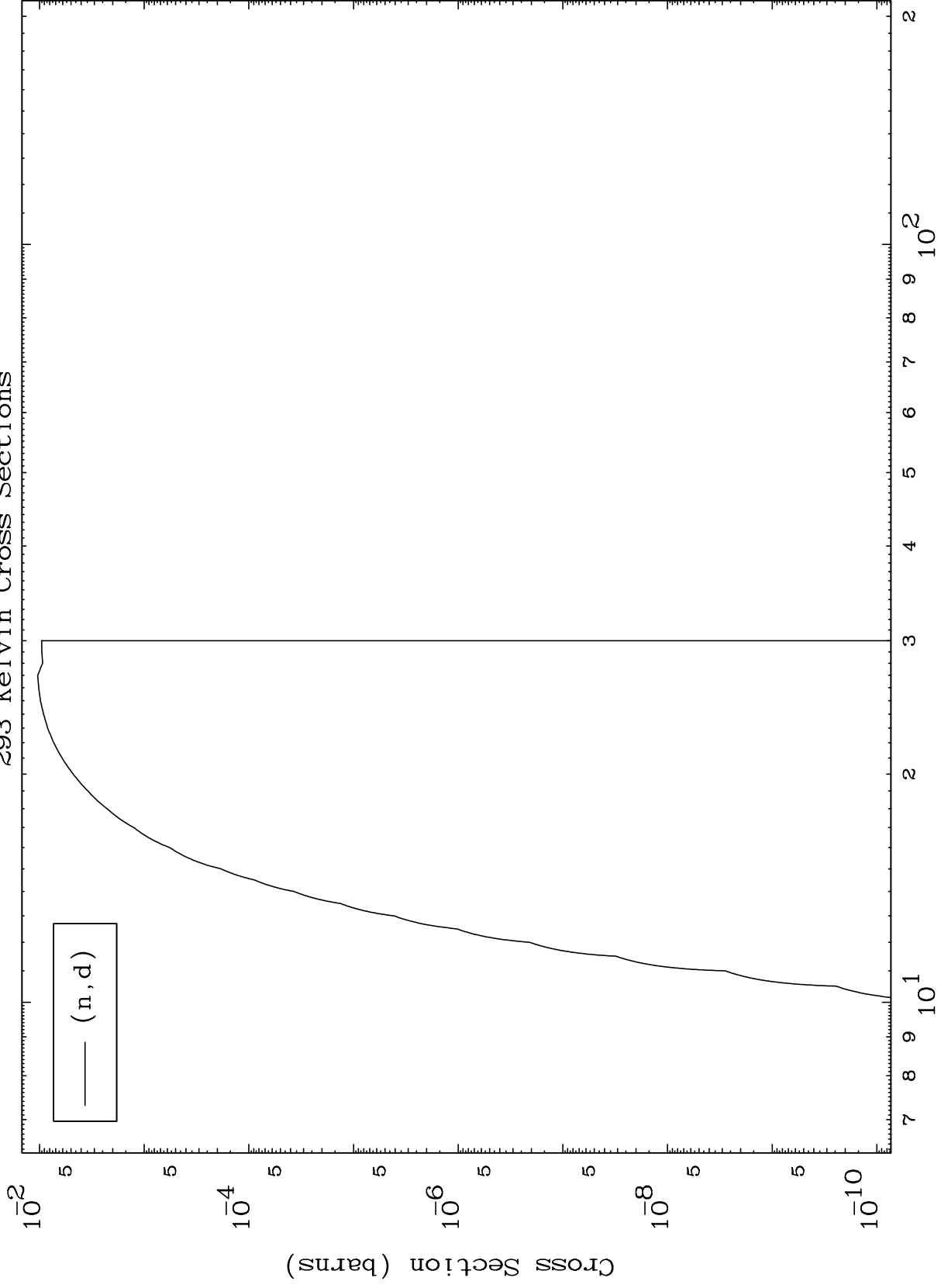
Incident Energy (MeV)

66-Dy-165

MAT 6652

(n,d) Levels
293 Kelvin Cross Sections

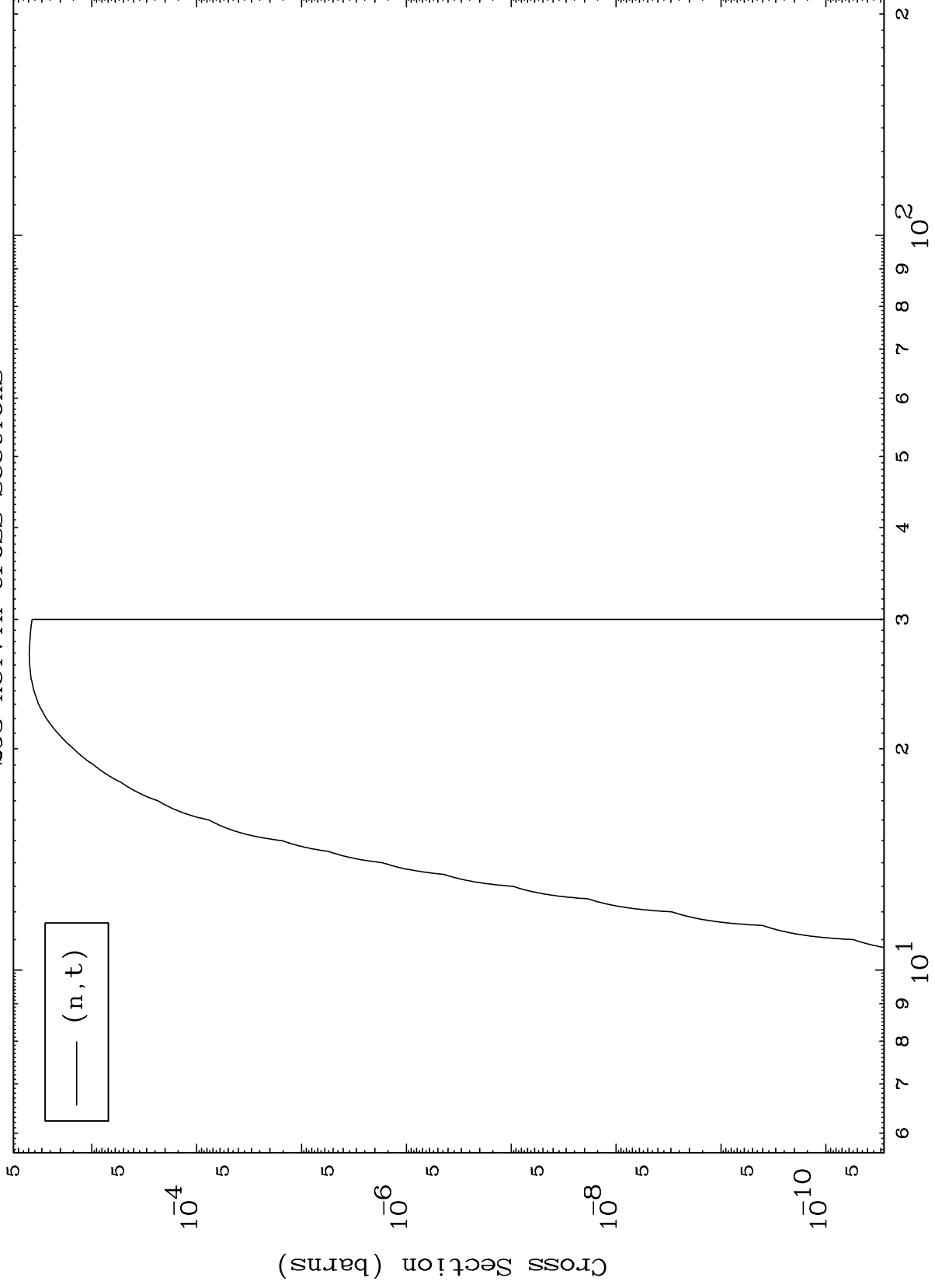
66-Dy-165



MAT 6652

(n, t) Levels
293 Kelvin Cross Sections

66-Dy-165



12

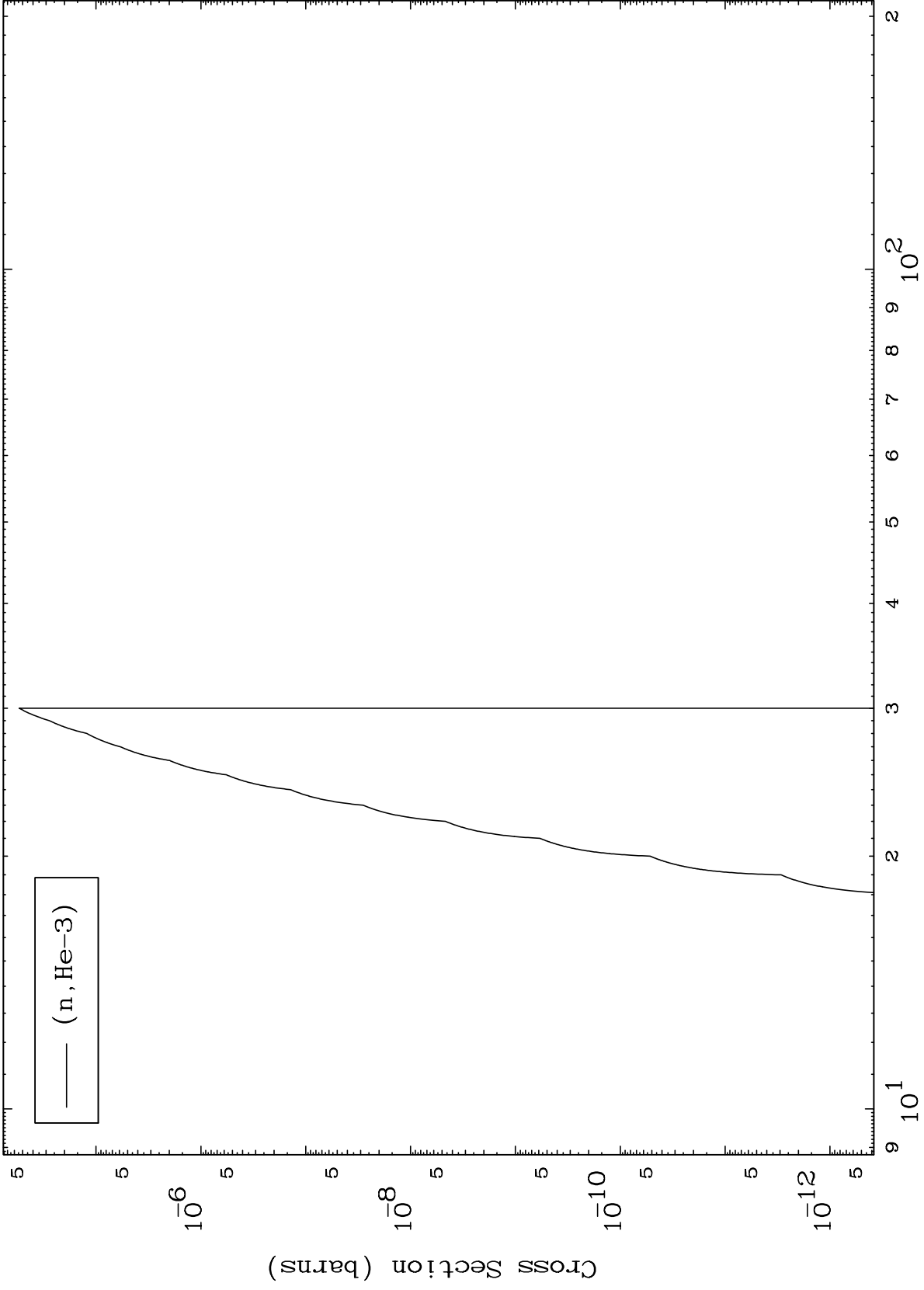
Incident Energy (MeV)

66-Dy-165

MAT 6652

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-165



13

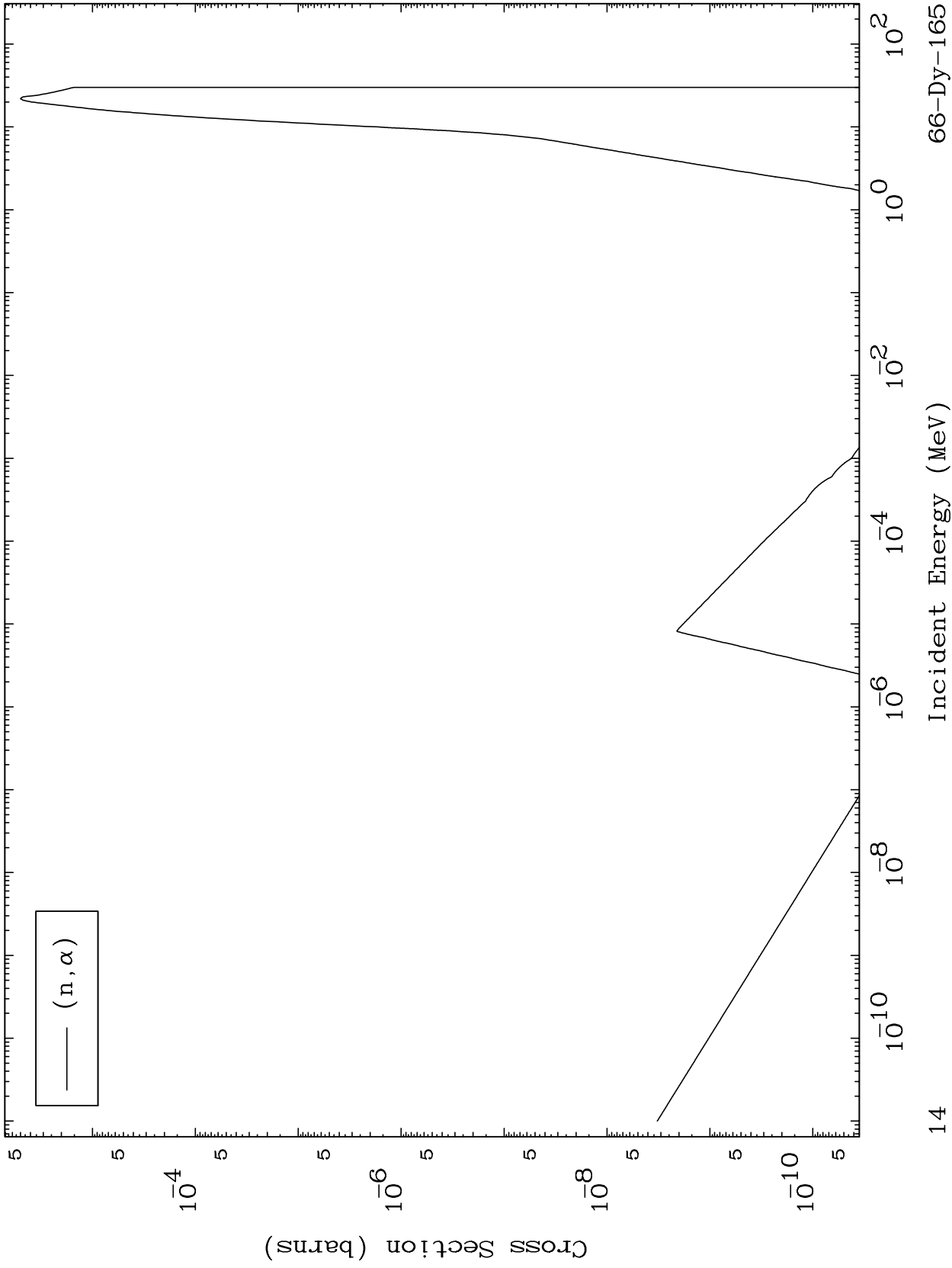
Incident Energy (MeV)

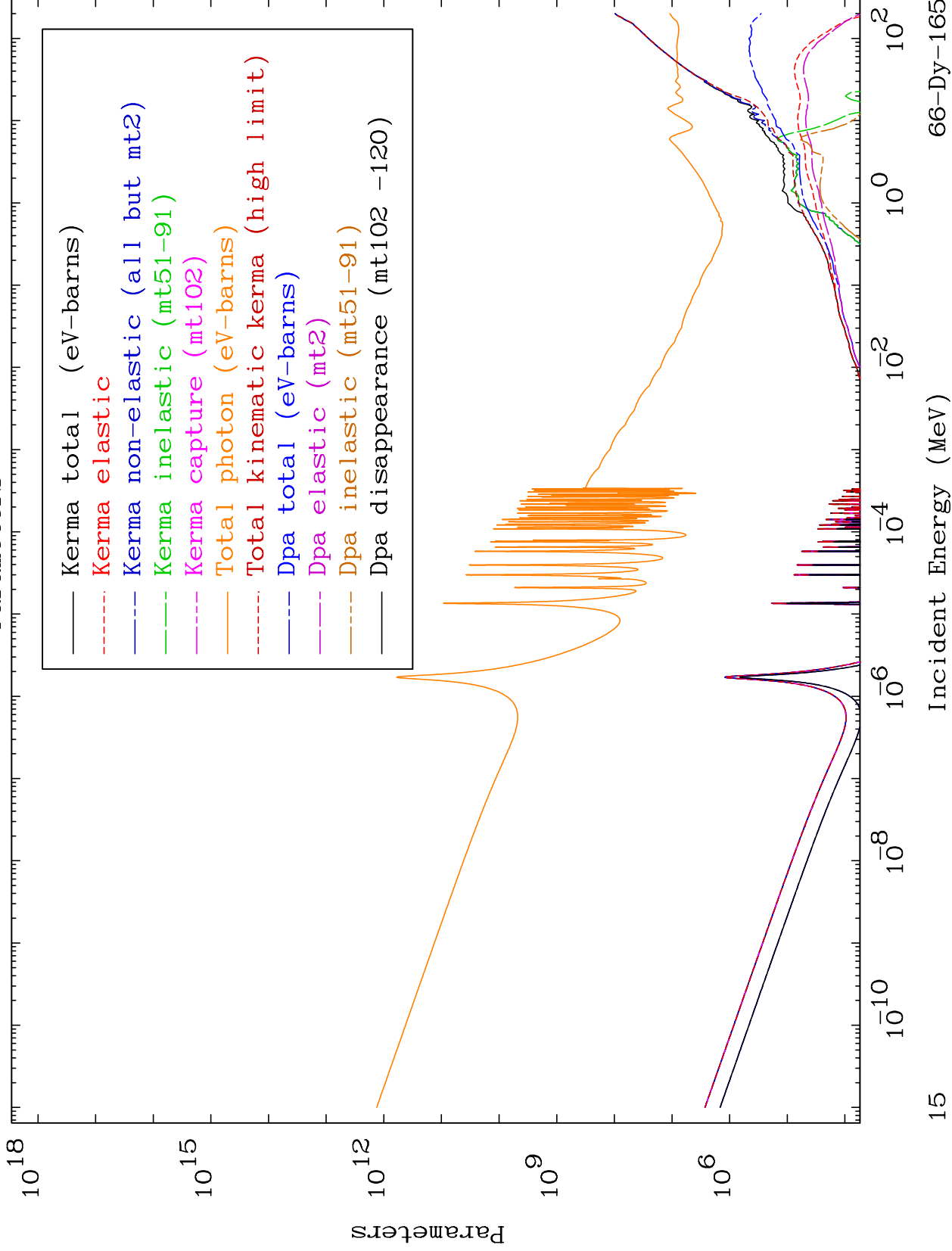
66-Dy-165

MAT 6652

(n, α) Levels
293 Kelvin Cross Sections

66-Dy-165

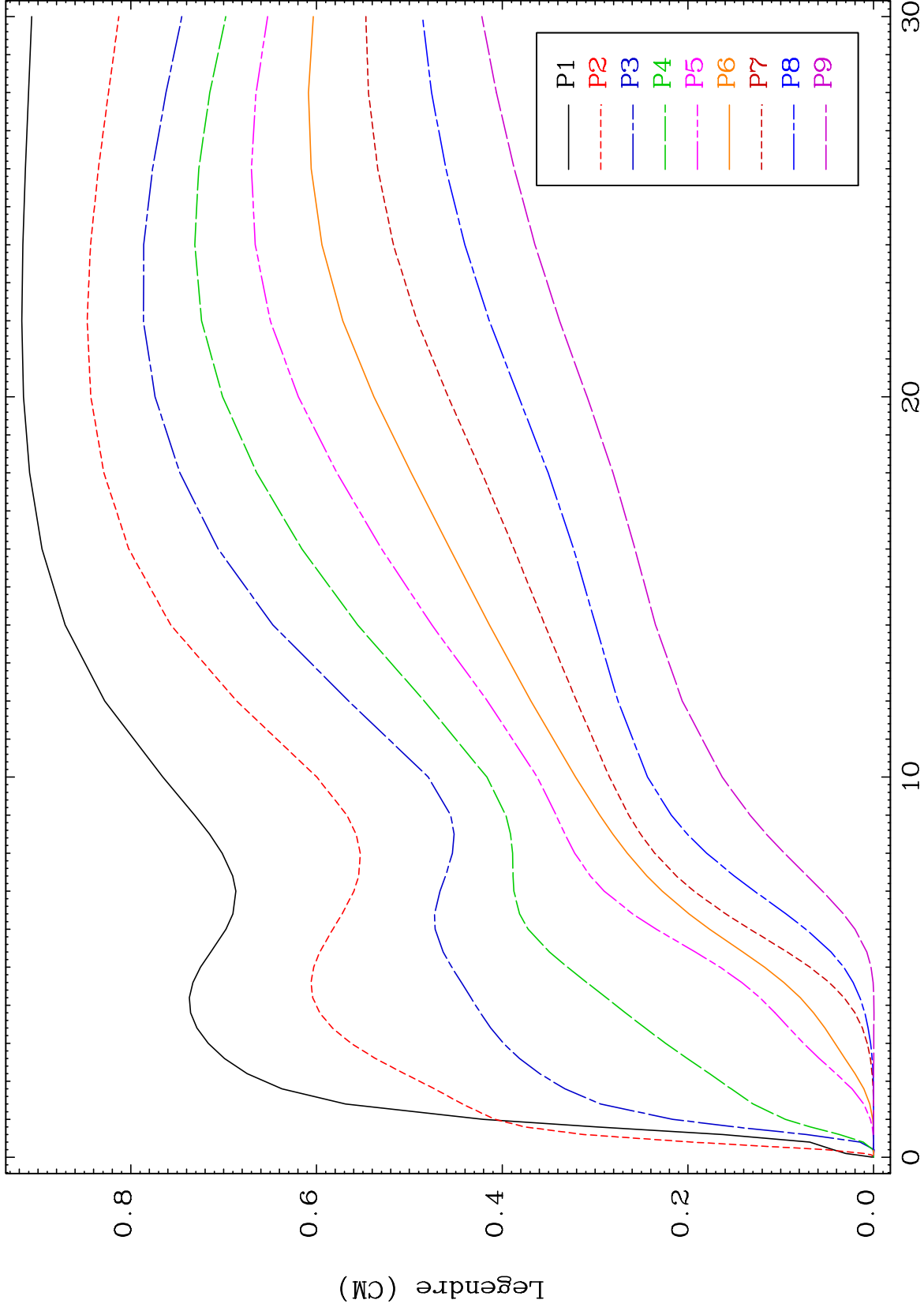




MAT 6652

Elastic Legendre Coefficients

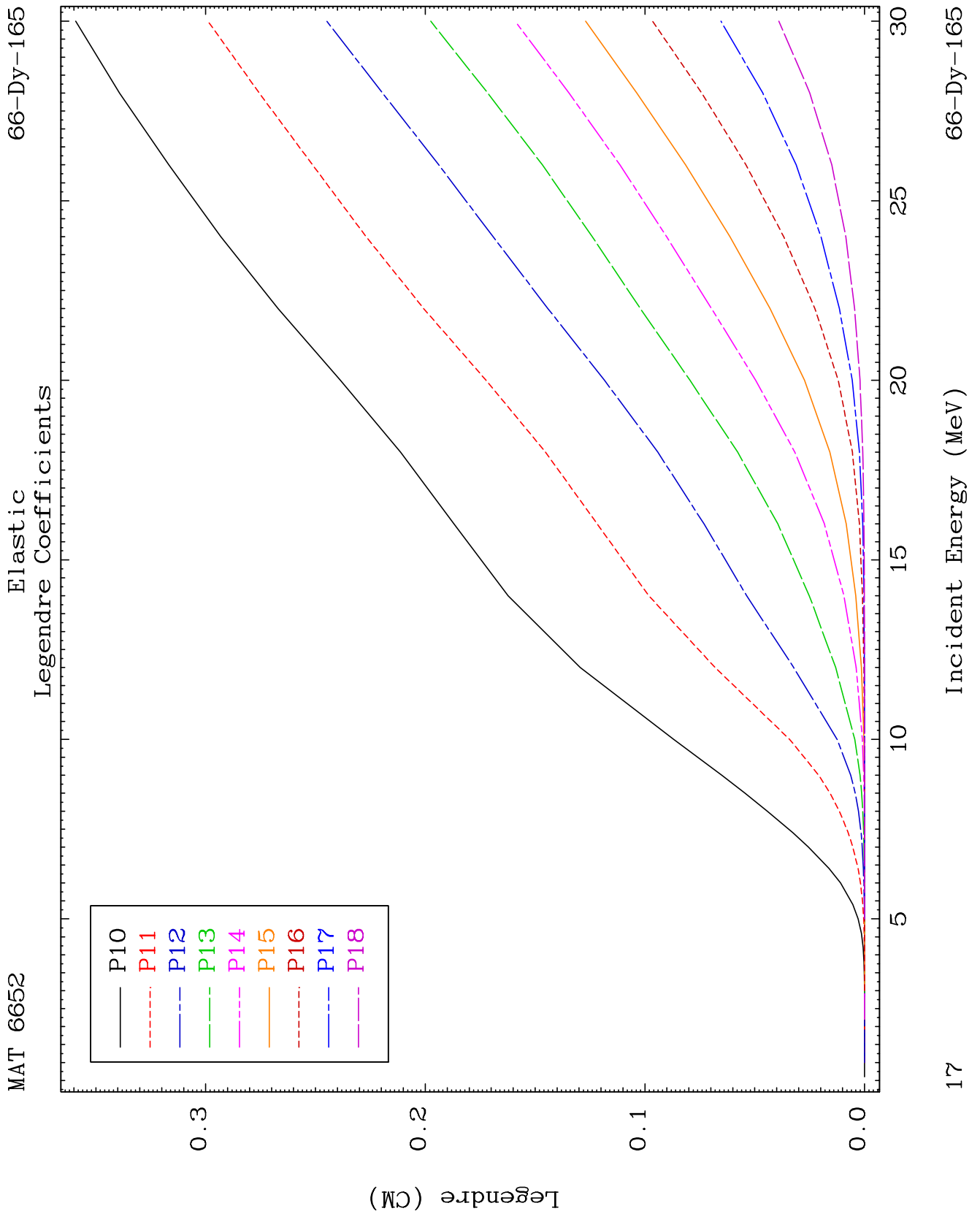
66-Dy-165



16

Incident Energy (MeV)

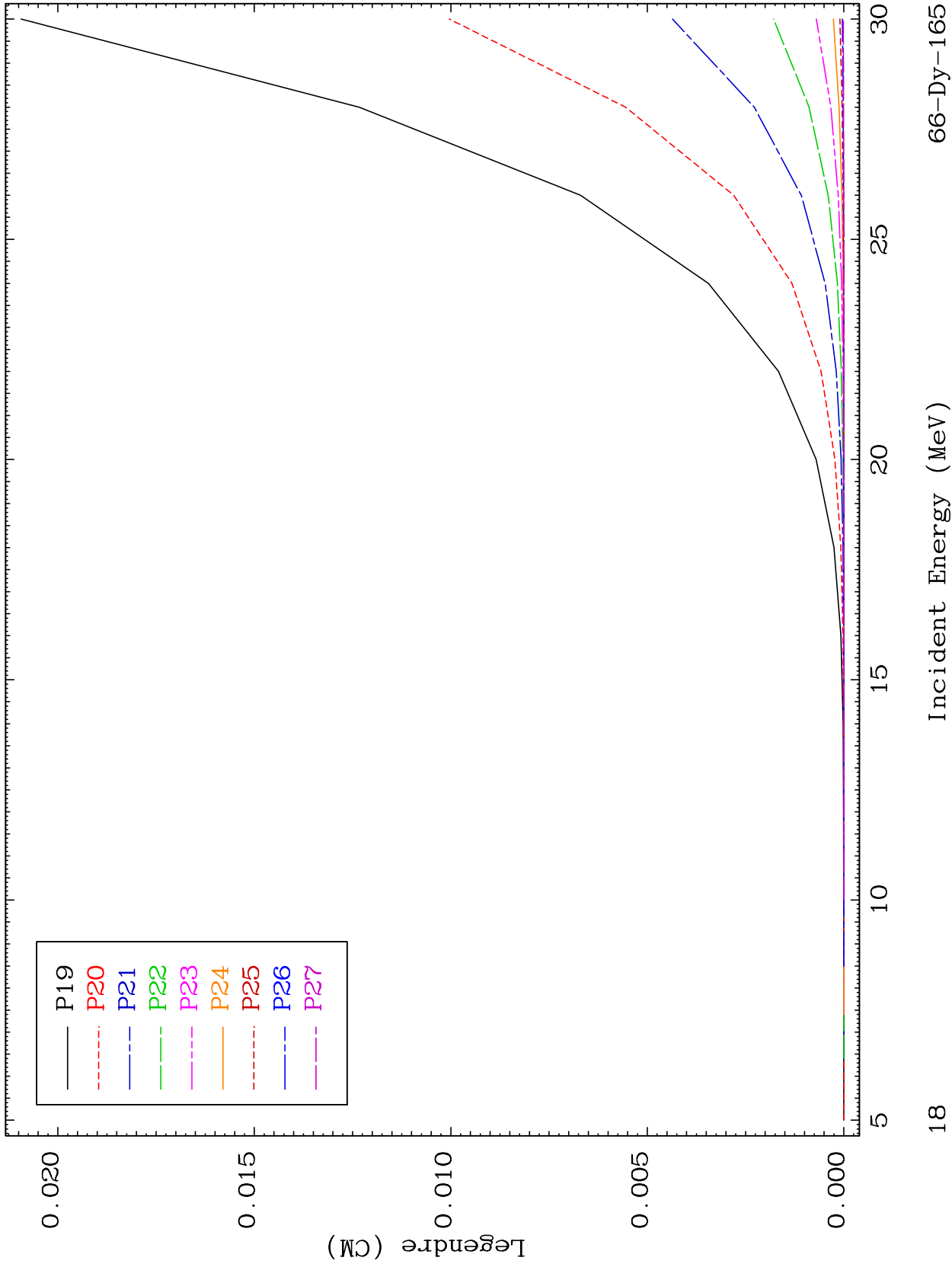
66-Dy-165



MAT 6652

Elastic Legendre Coefficients

66-Dy-165



66-Dy-165

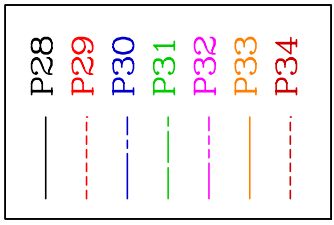
Incident Energy (MeV)

18

MAT 6652

Elastic Legendre Coefficients

66-Dy-165



$\times 10^{-6}$

Legendre (CM)

10

15

20

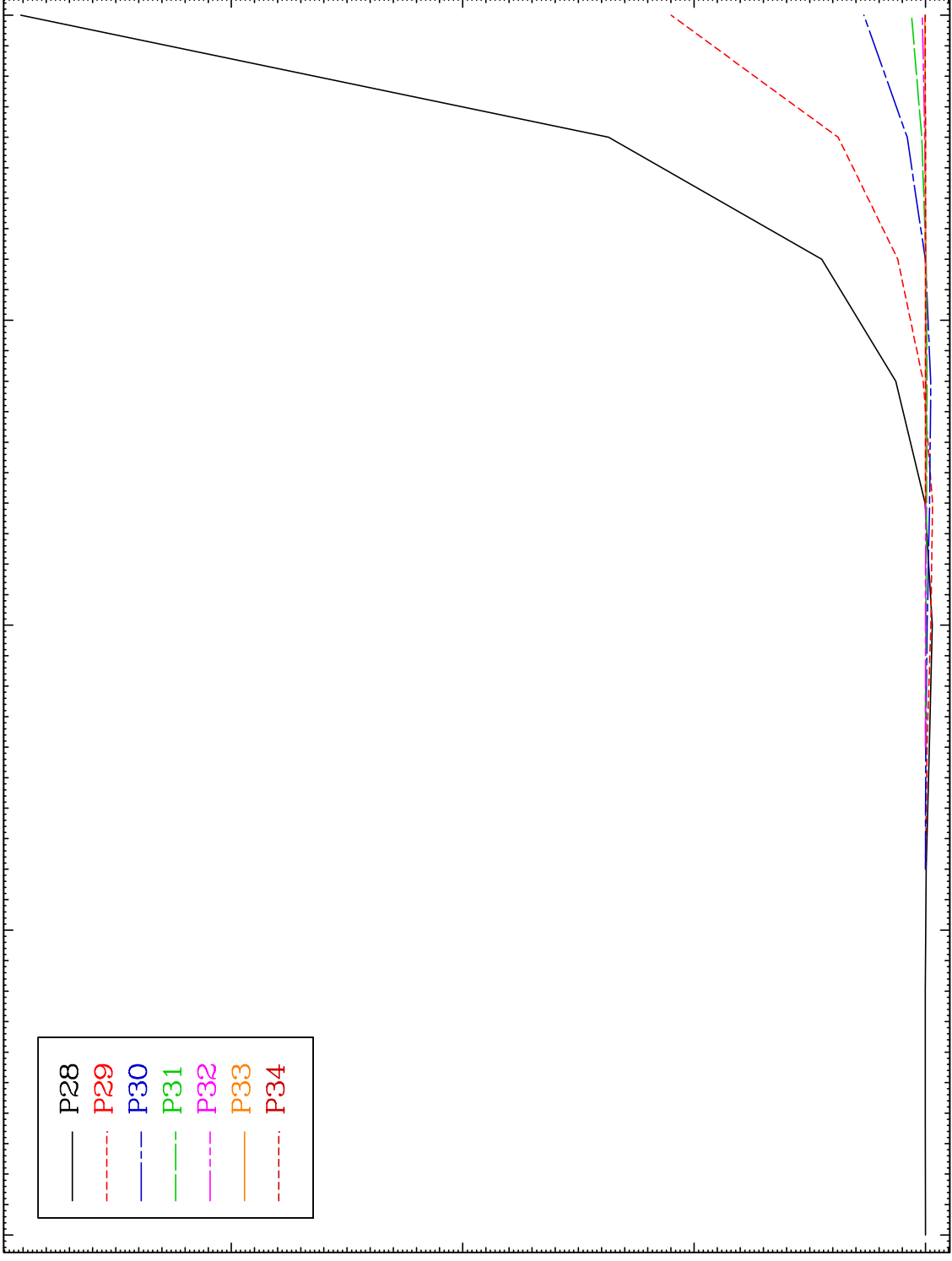
25

30

19

Incident Energy (MeV)

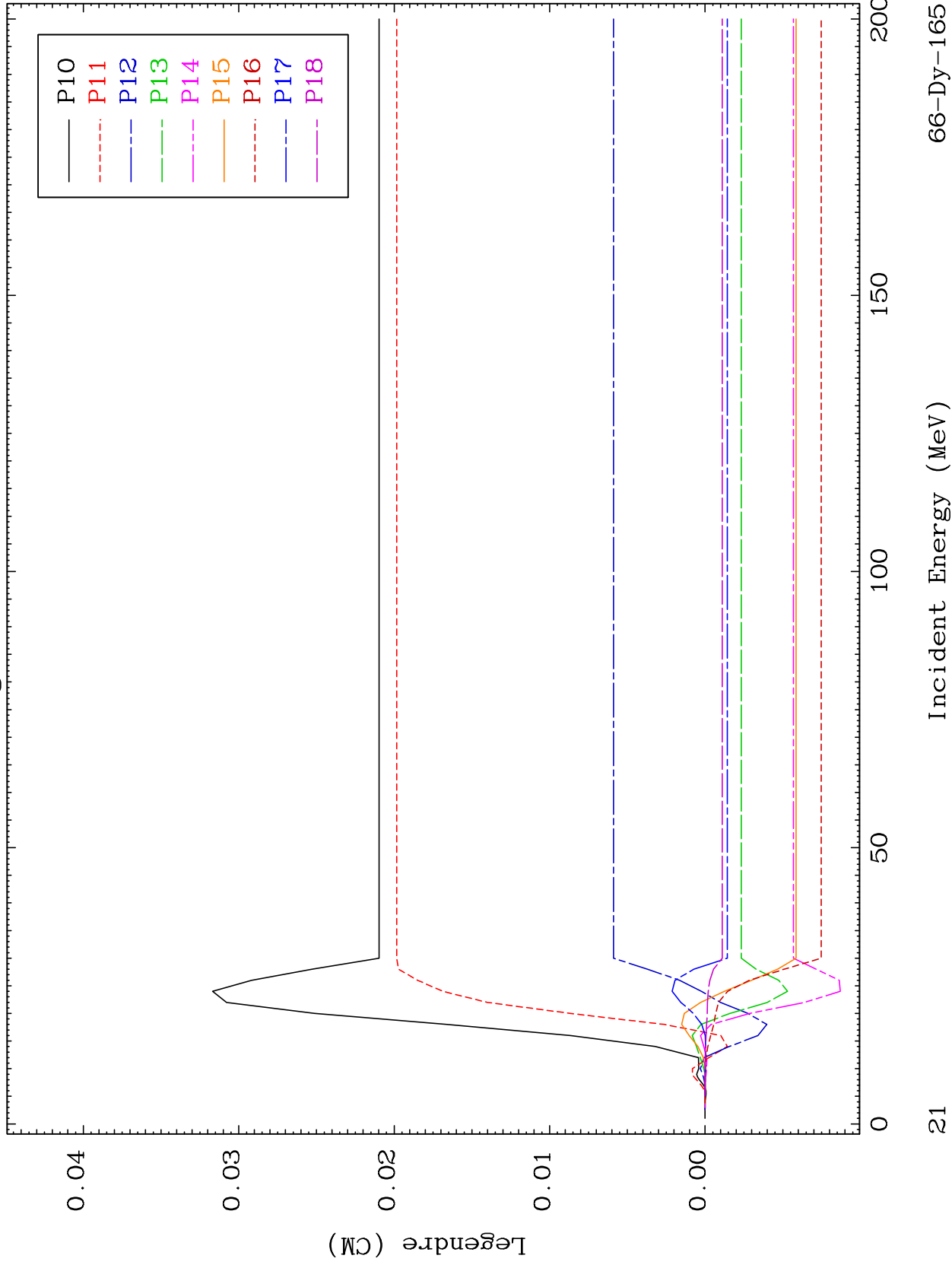
66-Dy-165



MAT 6652

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

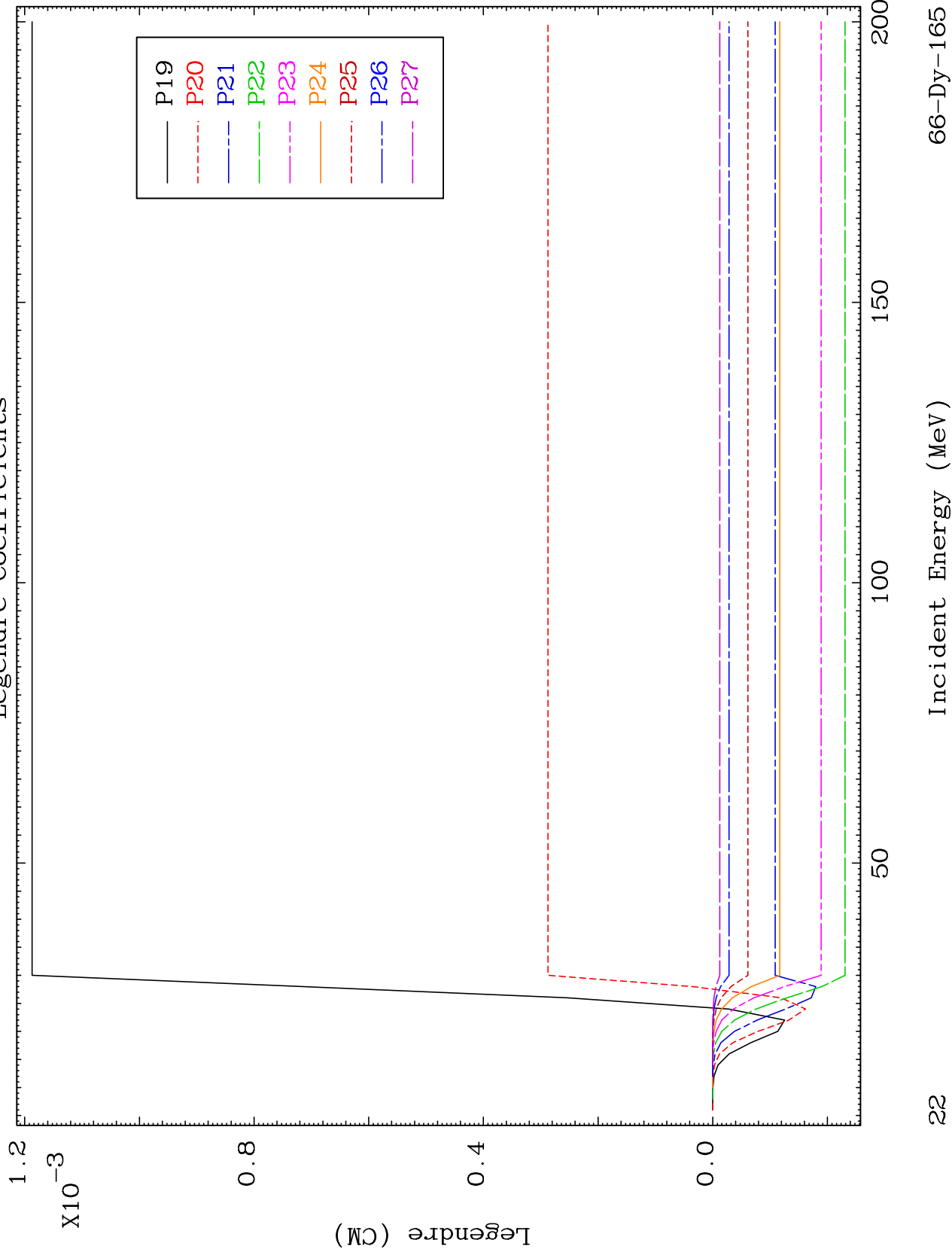
66-Dy-165



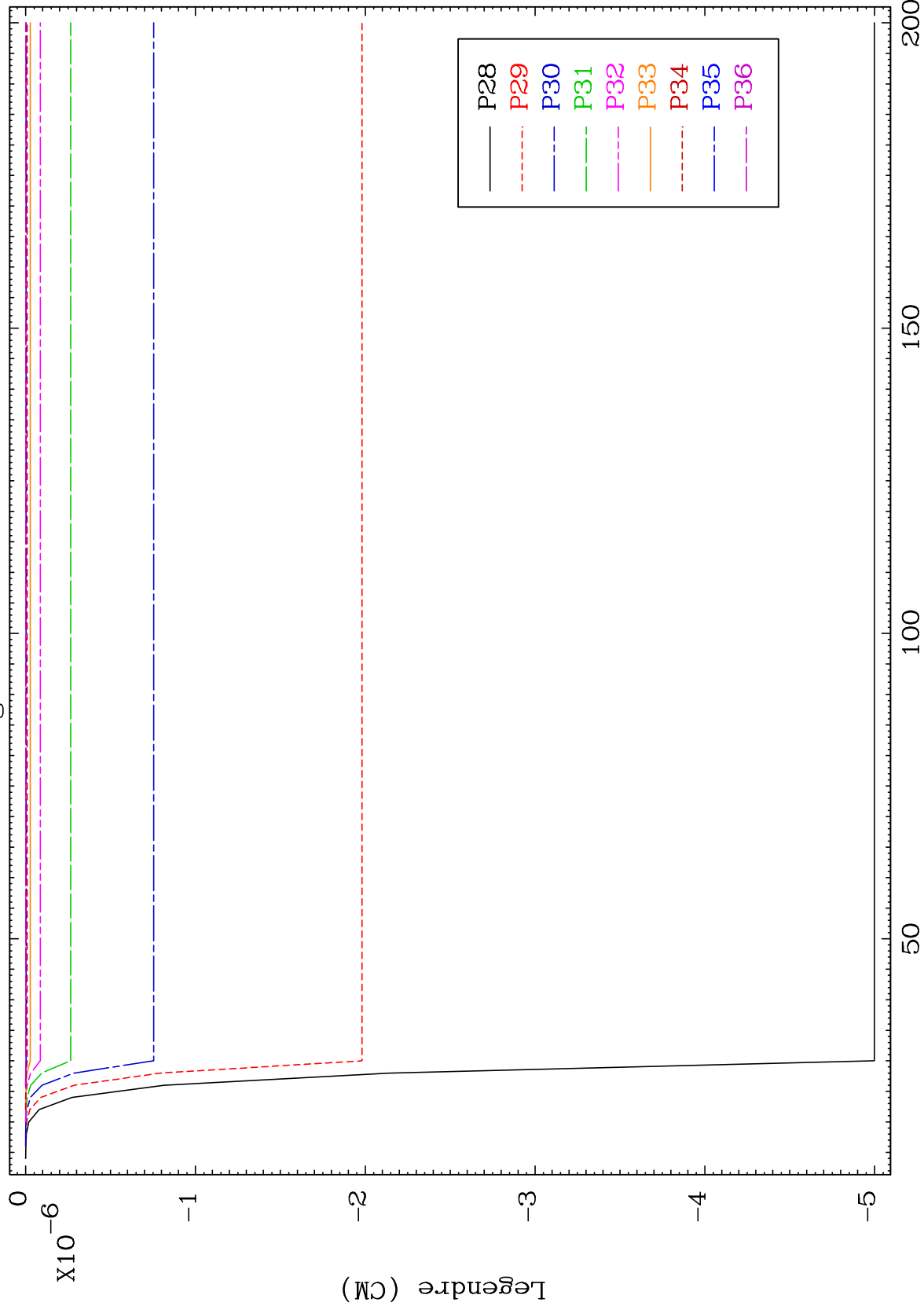
21

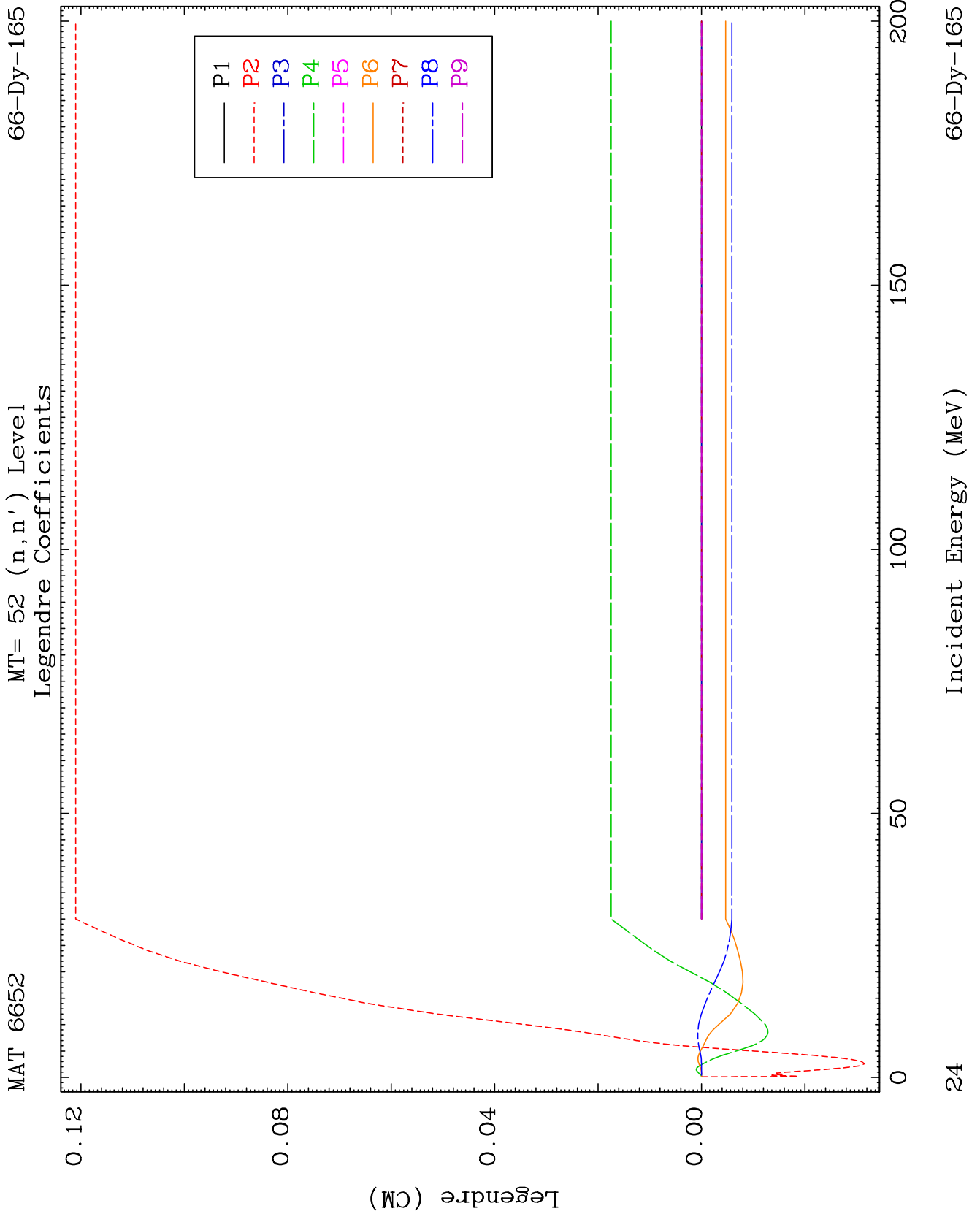
Incident Energy (MeV)

66-Dy-165



Legendre Coefficients

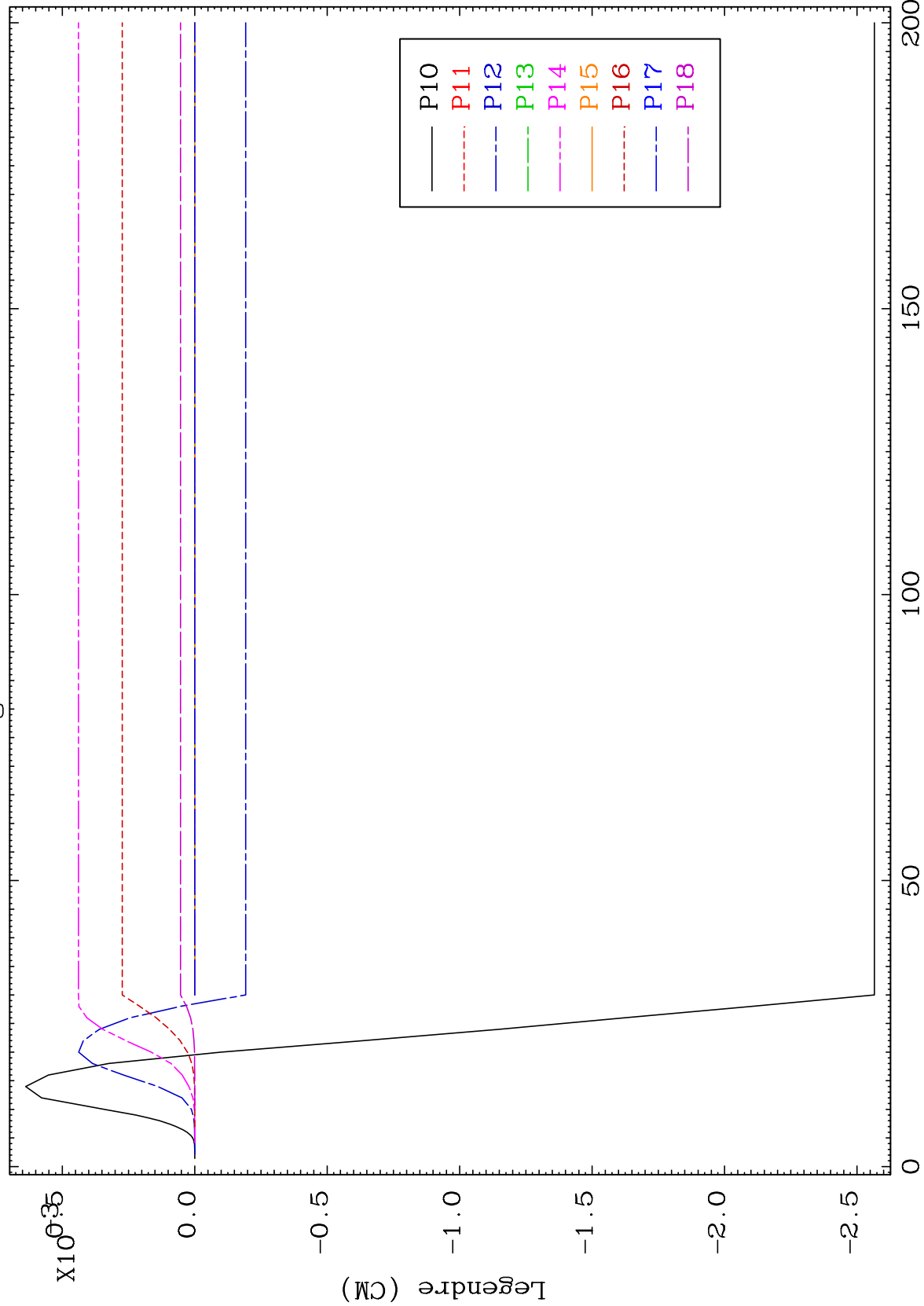




MAT 6652

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

66-Dy-165



Incident Energy (MeV)

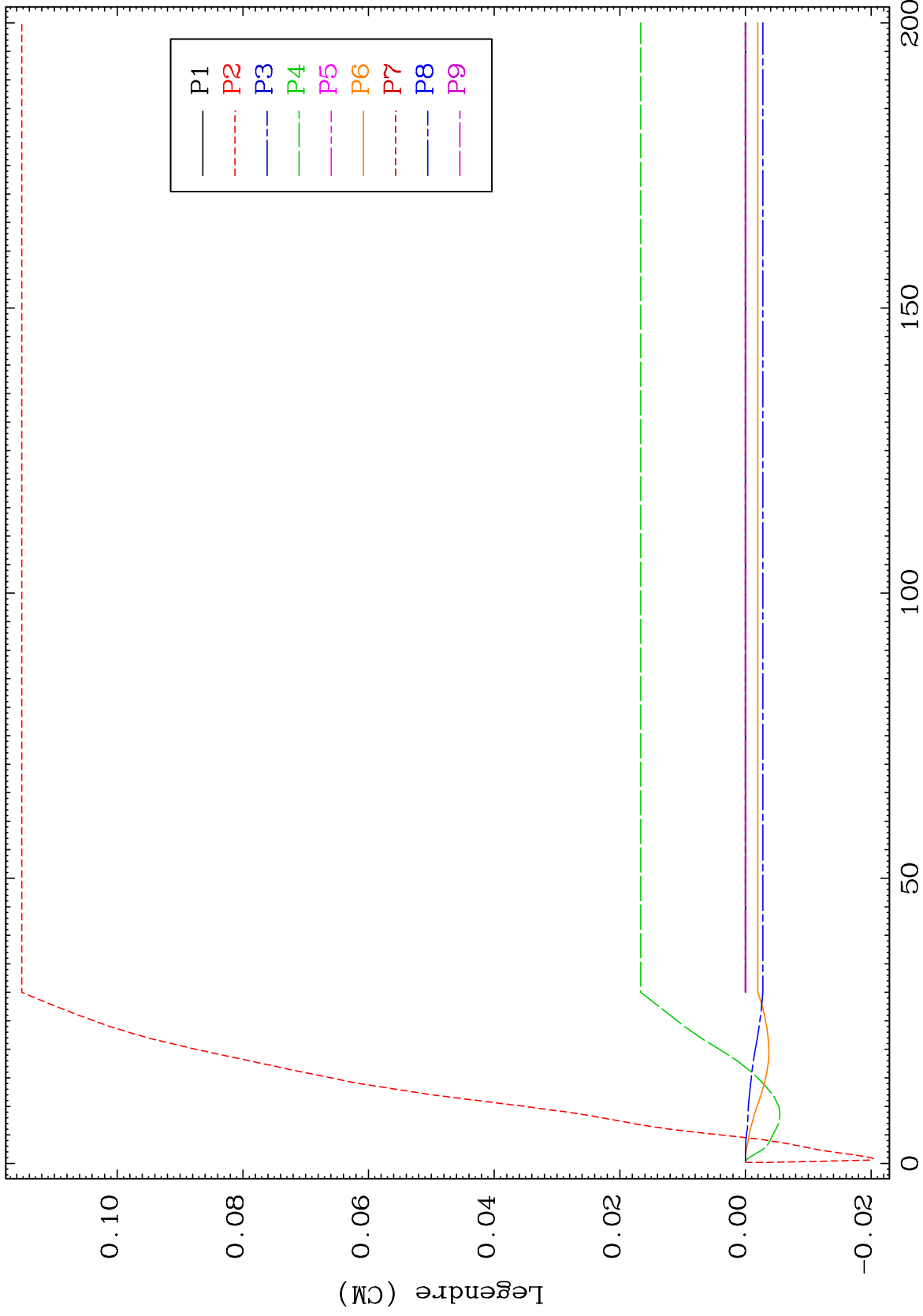
66-Dy-165

25

MAT 6652

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

66-Dy-165



27

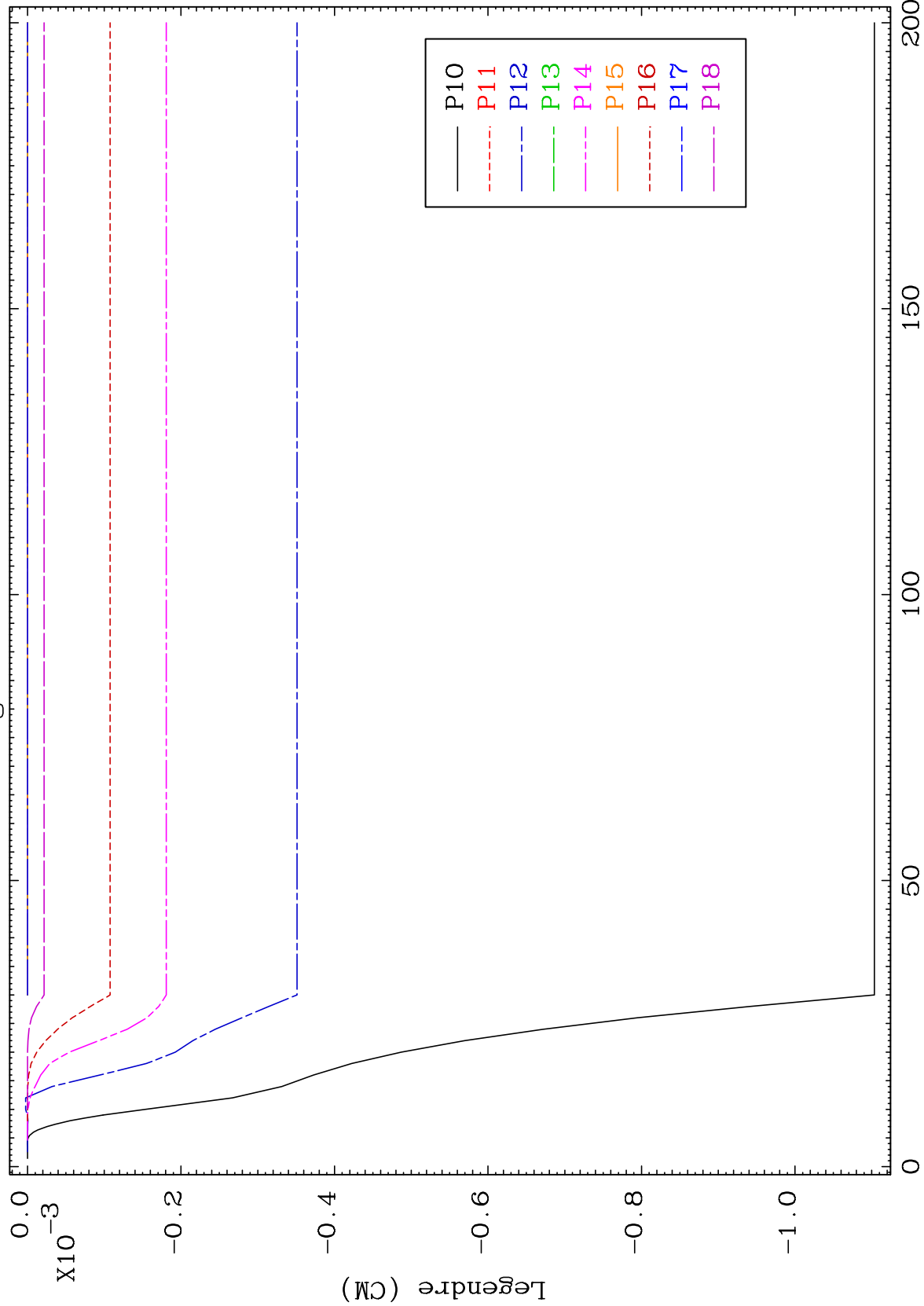
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

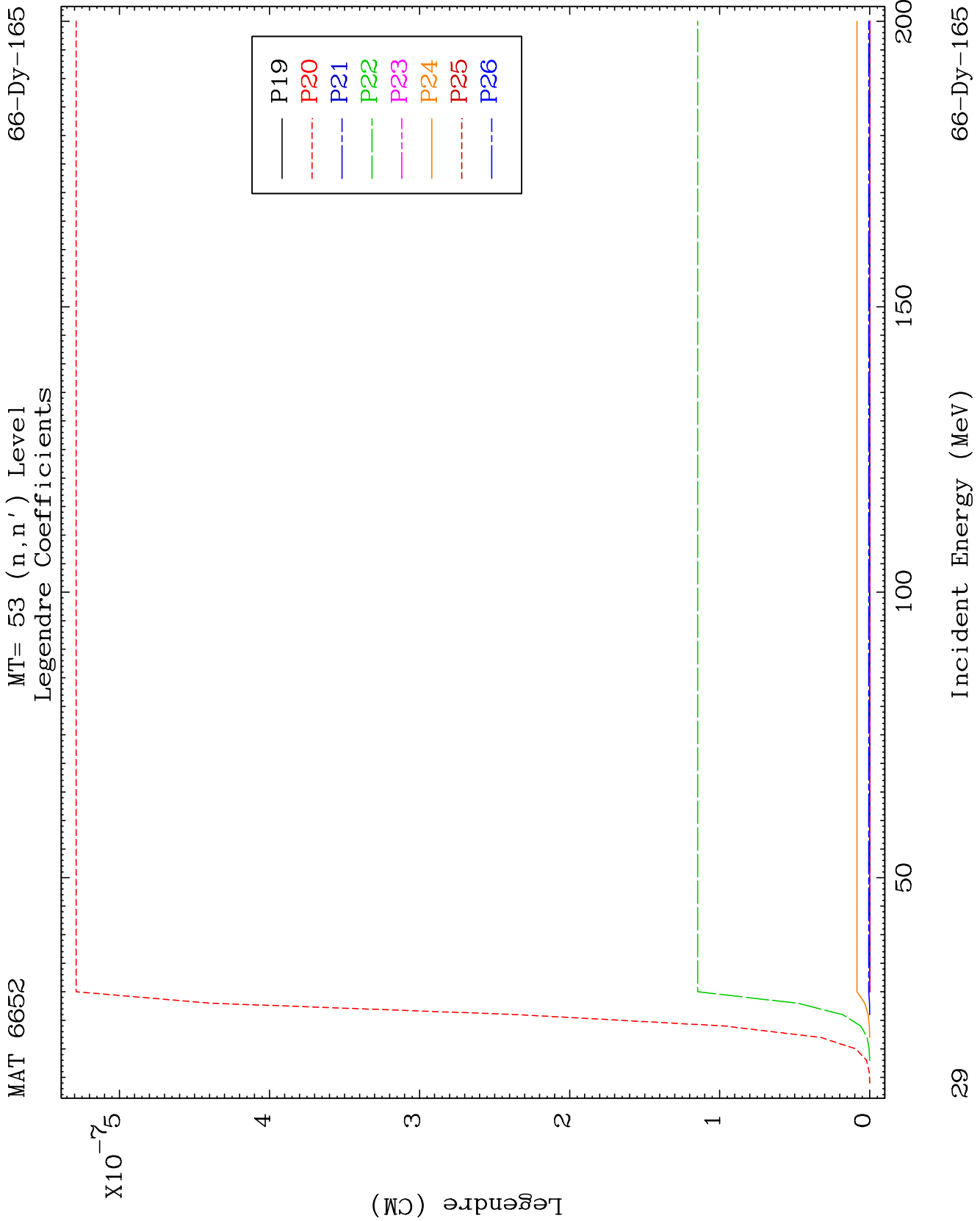
66-Dy-165



28

Incident Energy (MeV)

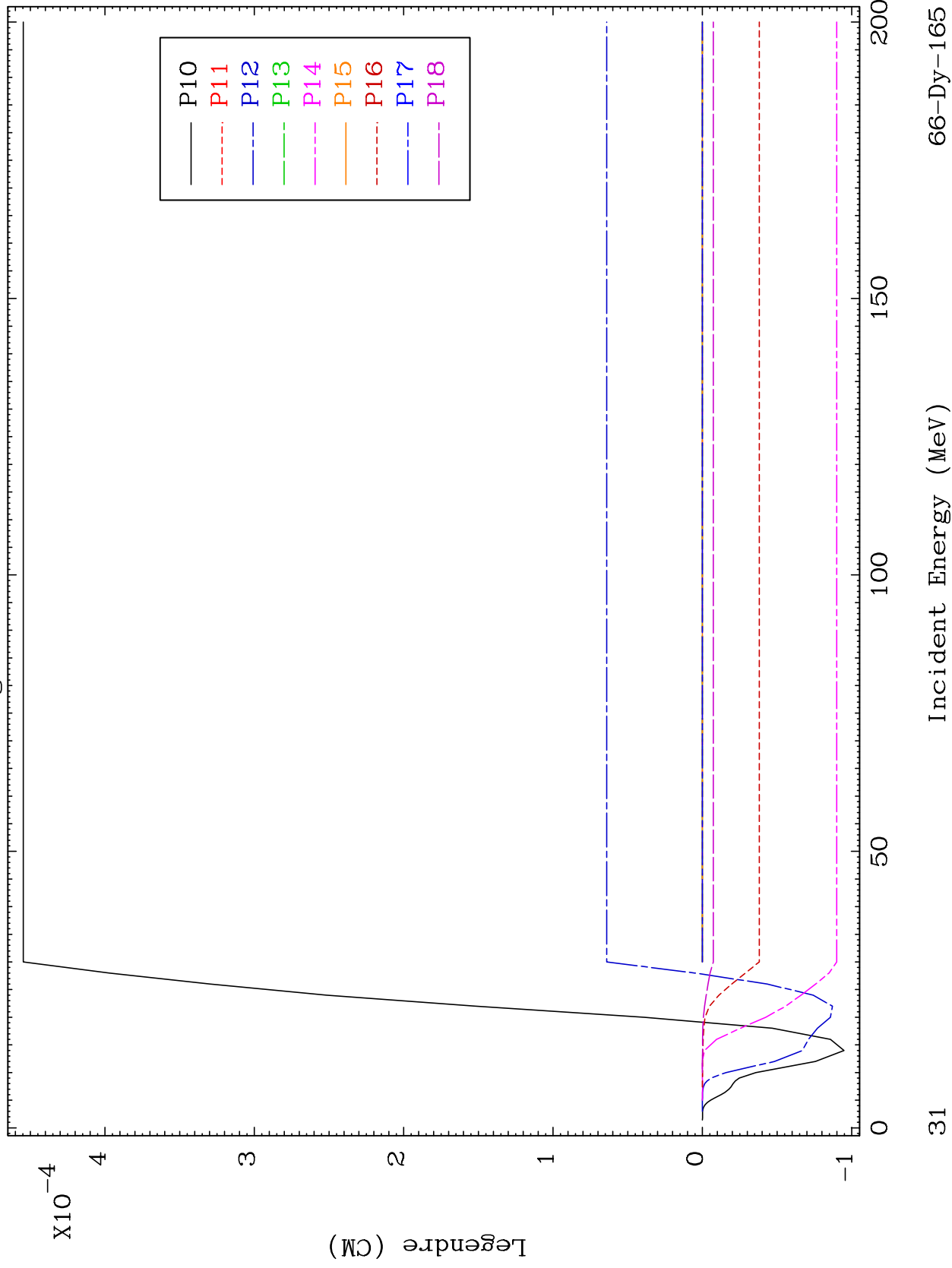
66-Dy-165



MAT 6652

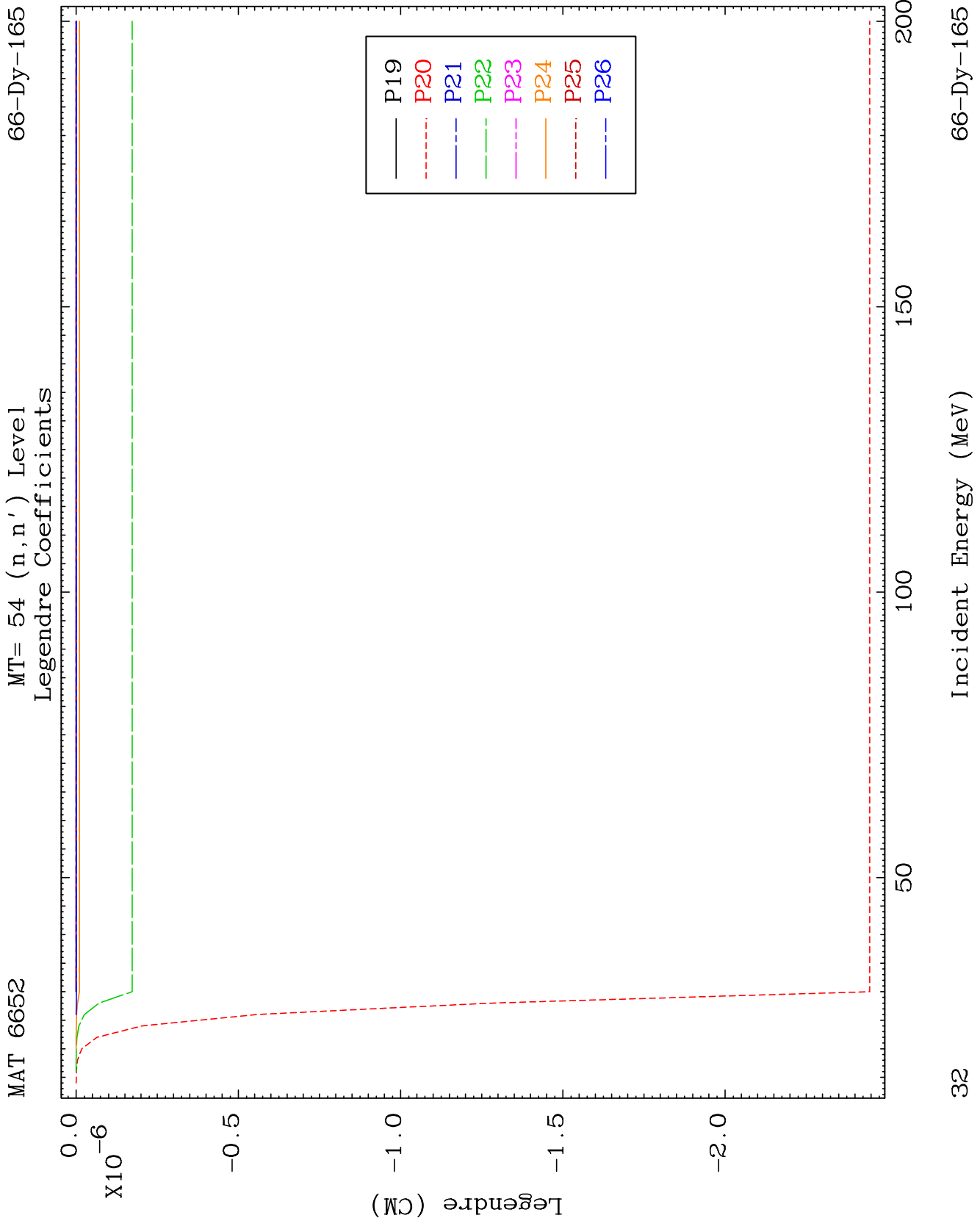
MT= 54 (n,n') Level
Legendre Coefficients

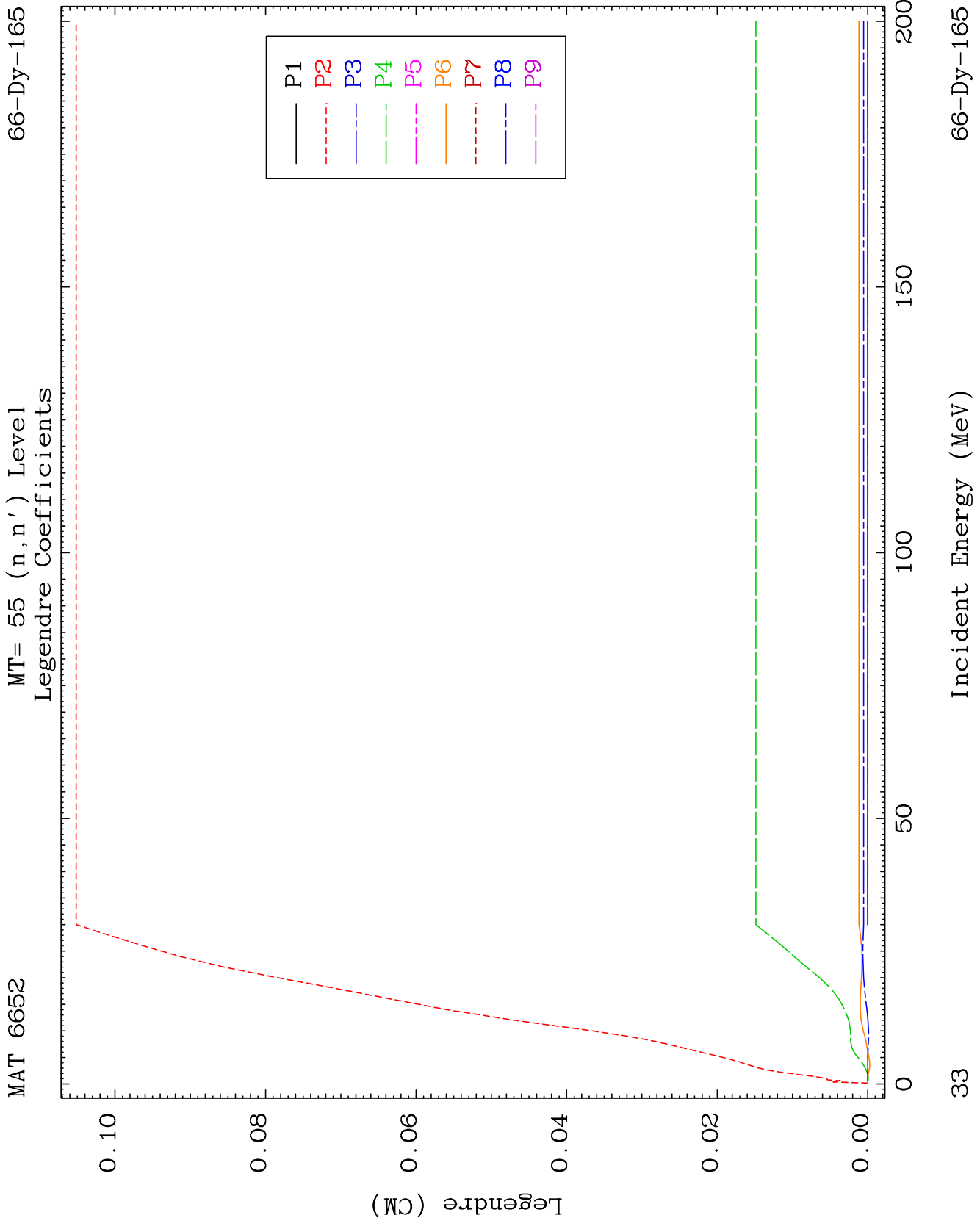
66-Dy-165

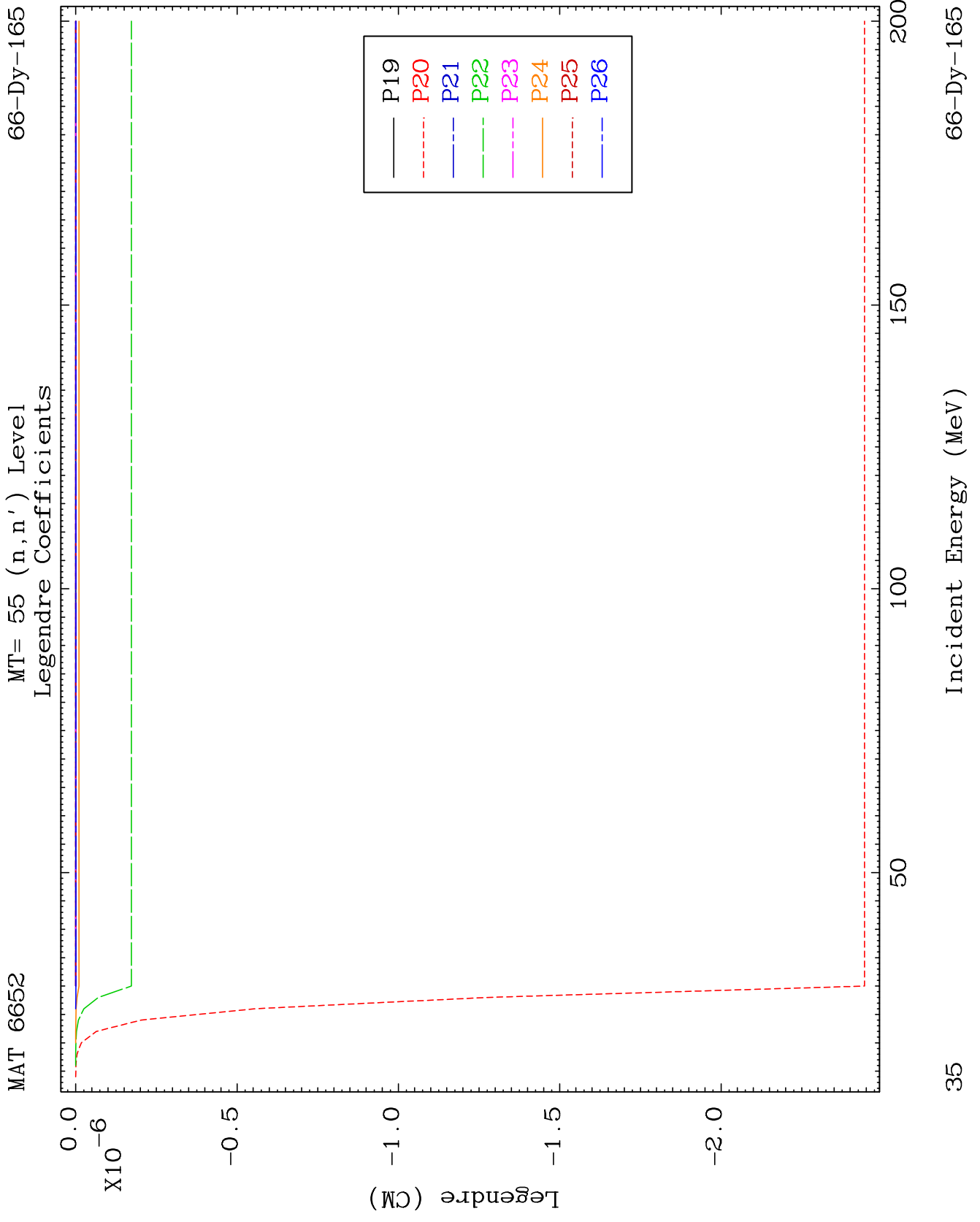


31

66-Dy-165



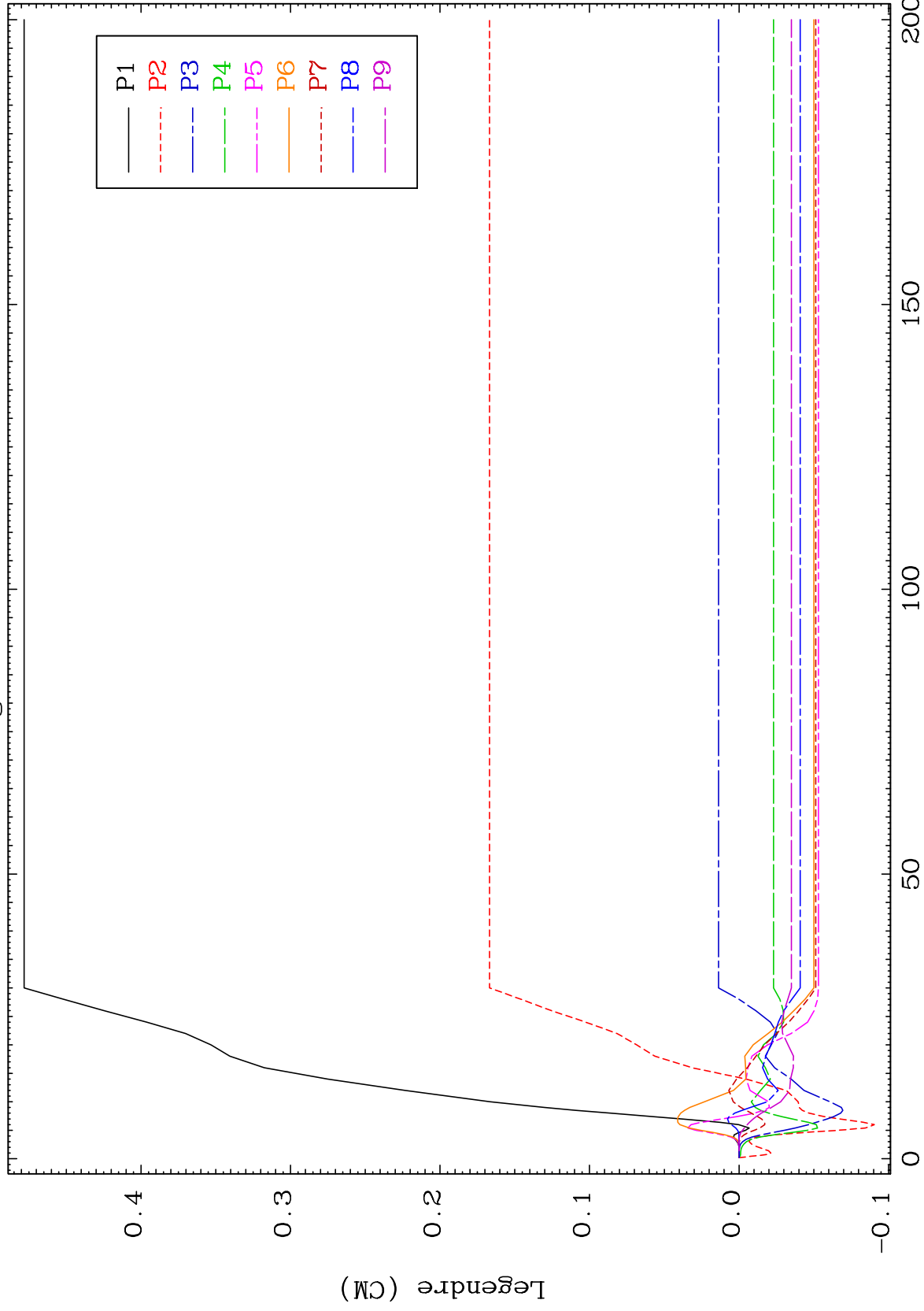




MAT 6652

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

66-Dy-165



66-Dy-165

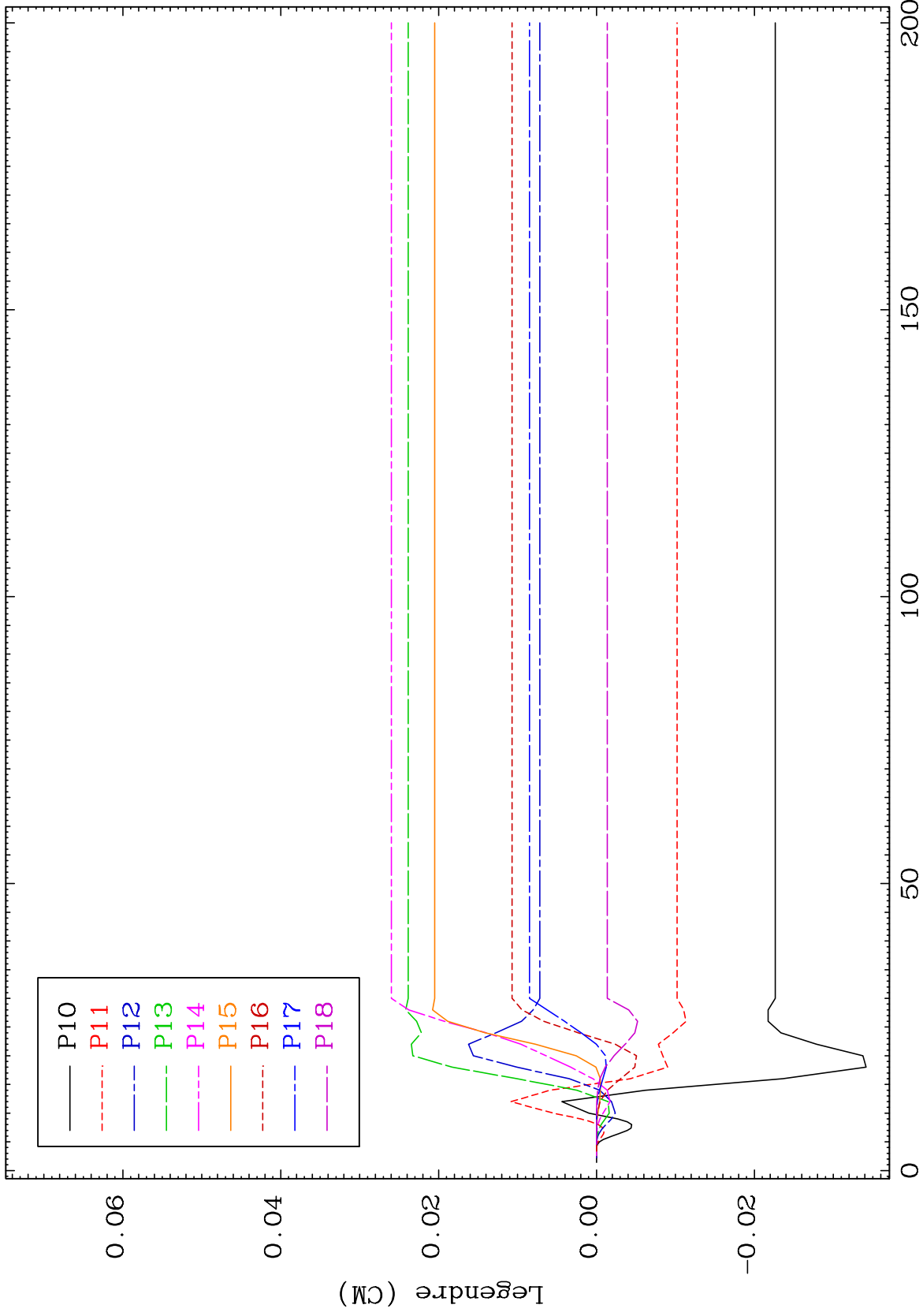
Incident Energy (MeV)

36

MAT 6652

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

66-Dy-165



37

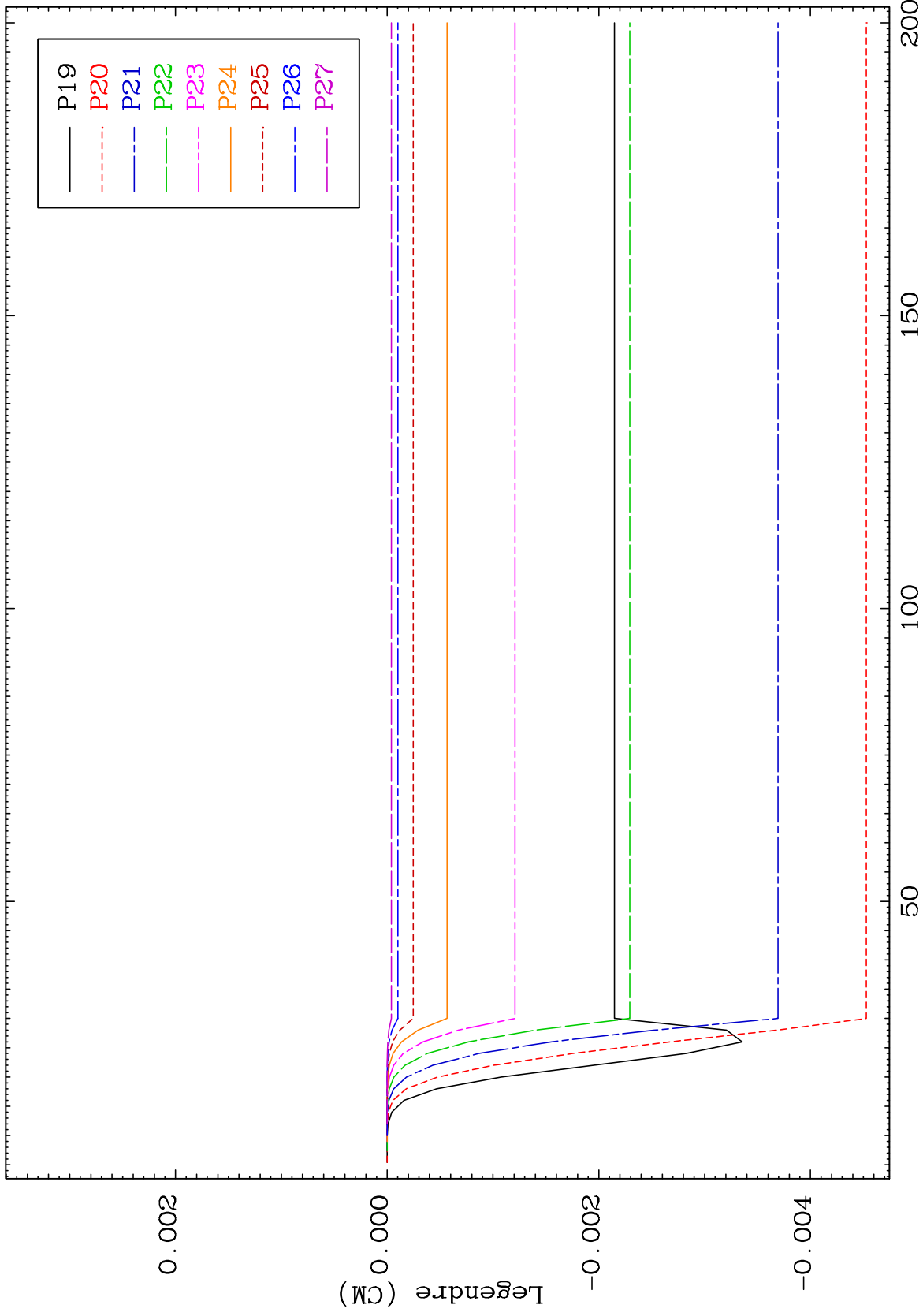
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165

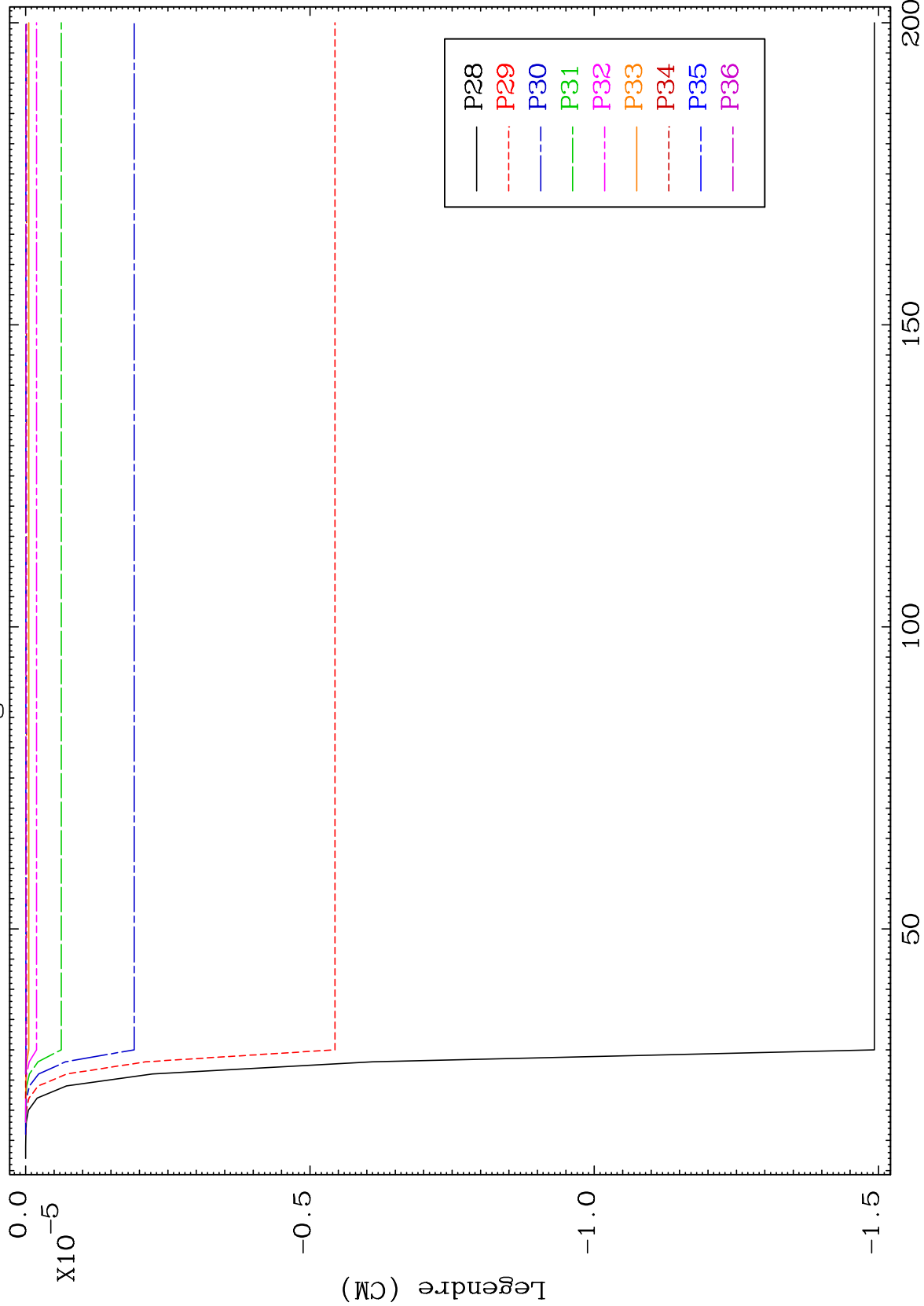


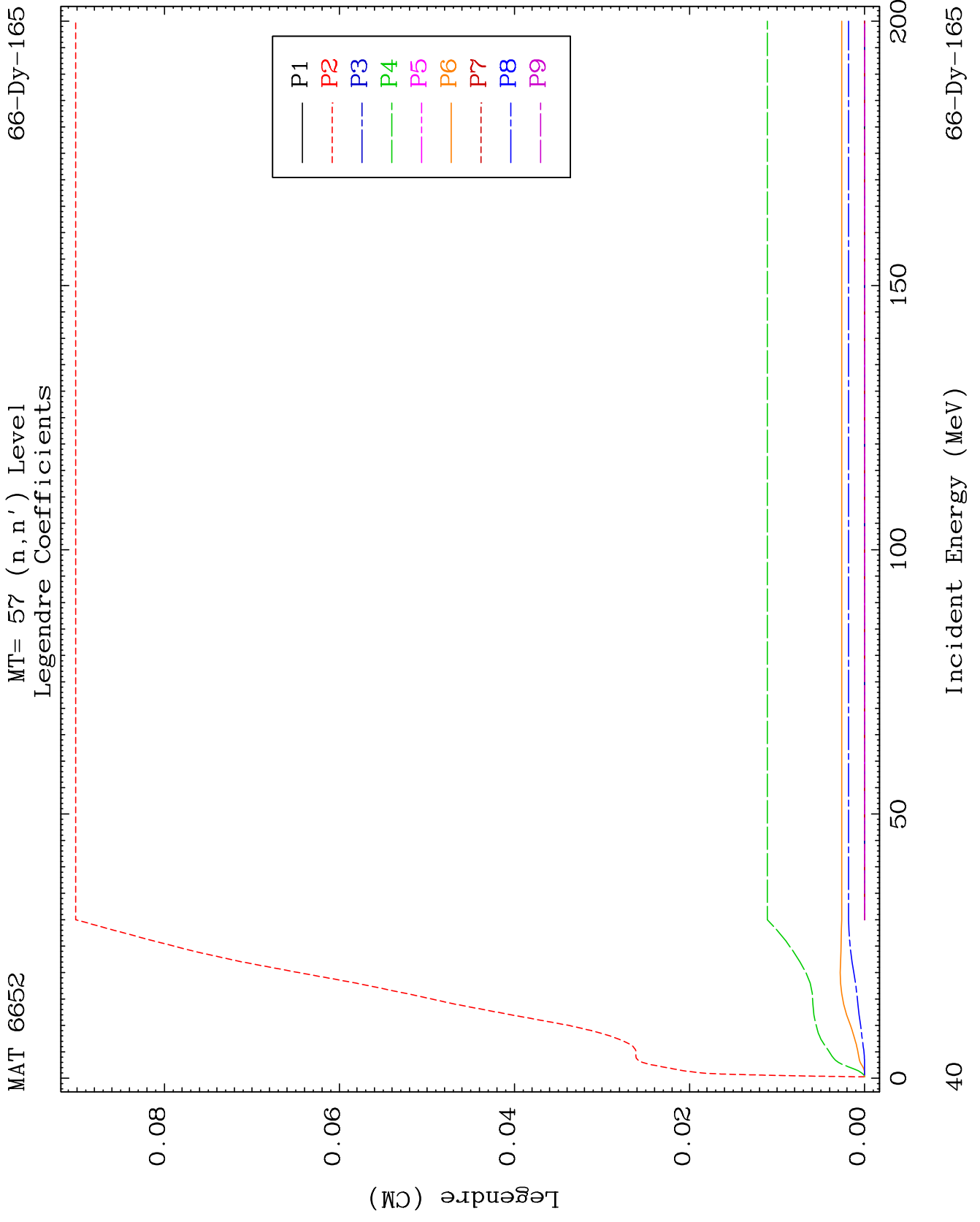
38

Incident Energy (MeV)

66-Dy-165

Legendre Coefficients

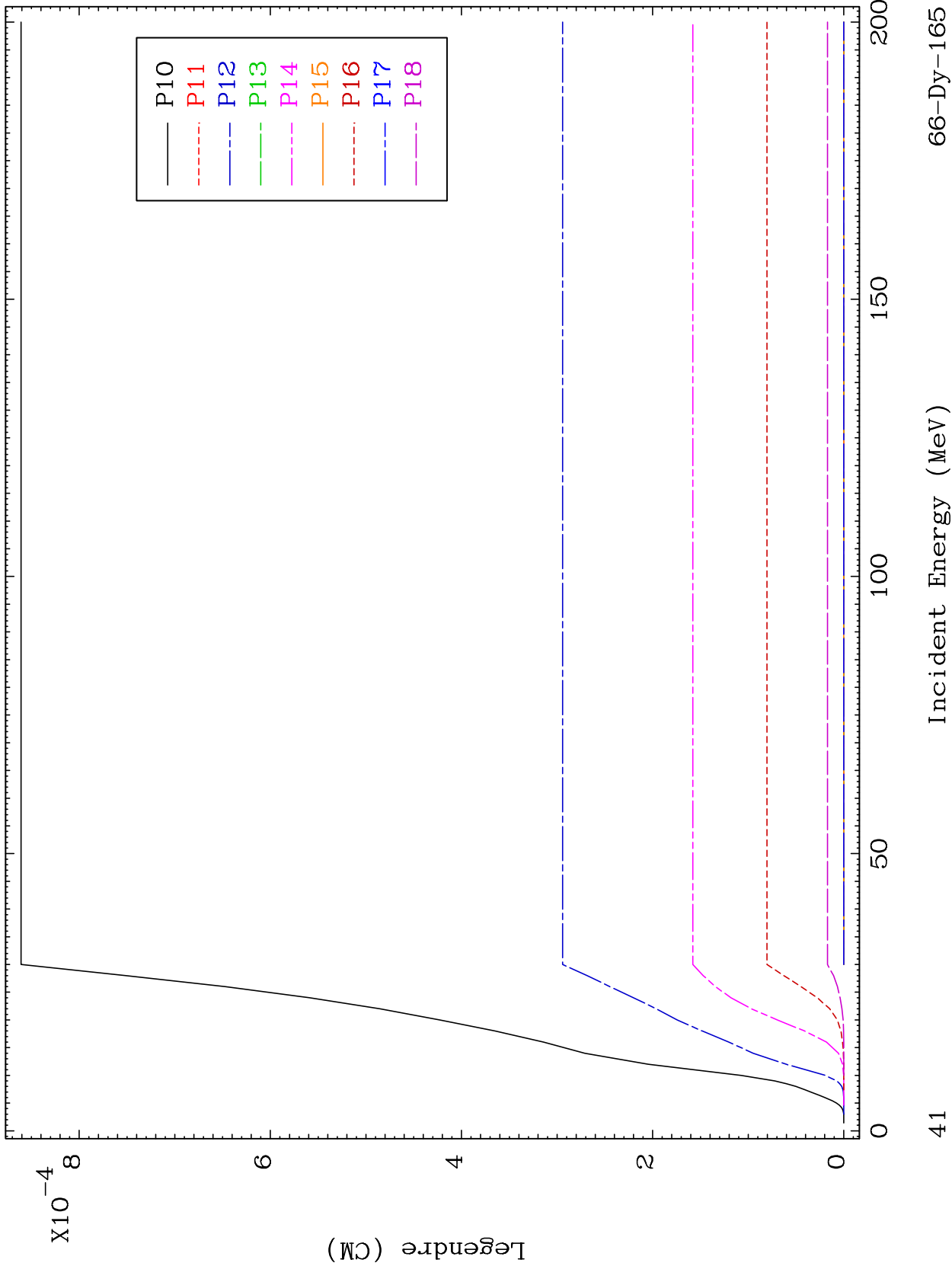




MAT 6652

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

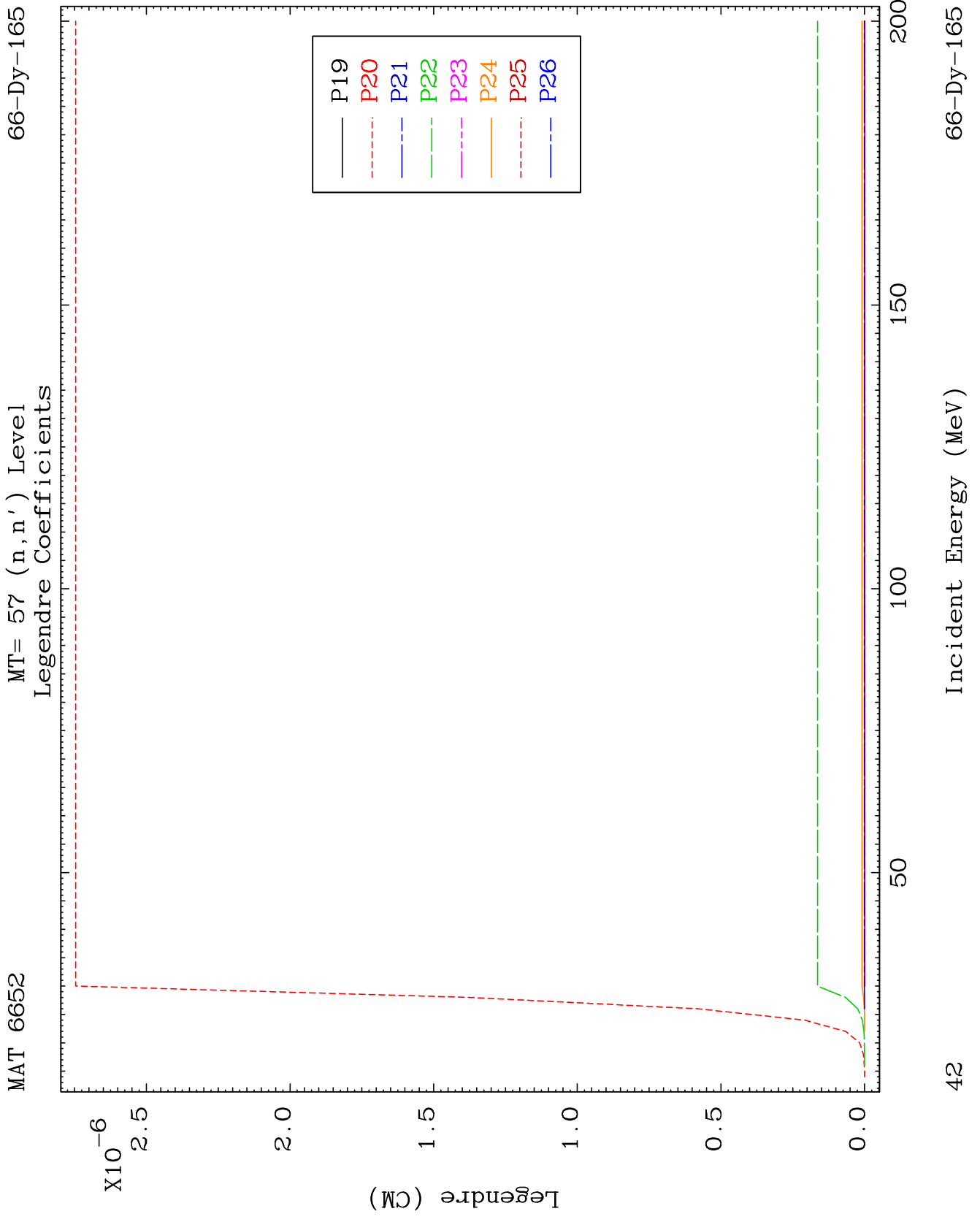
66-Dy-165



41

Incident Energy (MeV)

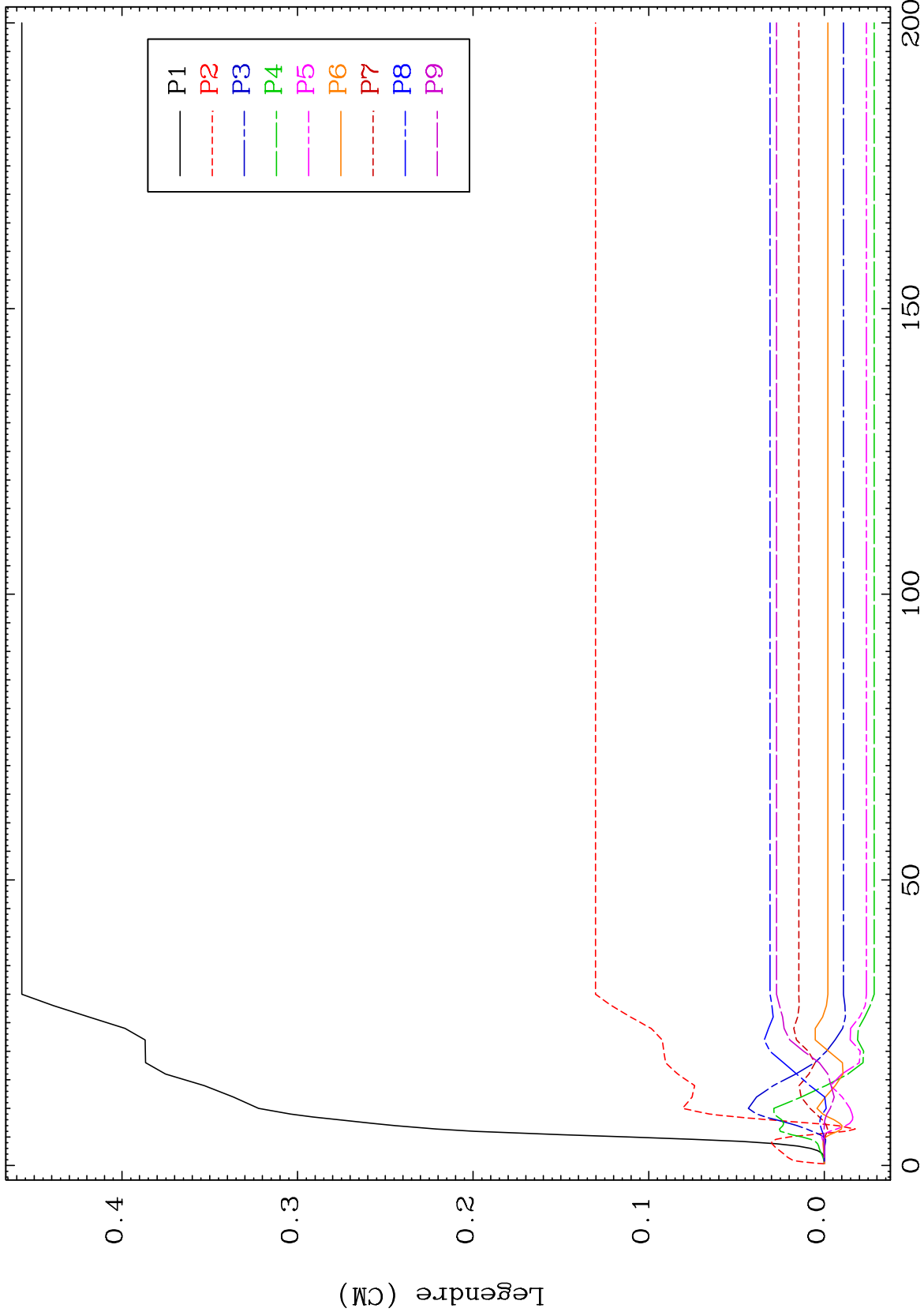
66-Dy-165



MAT 6652

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

66-Dy-165



43

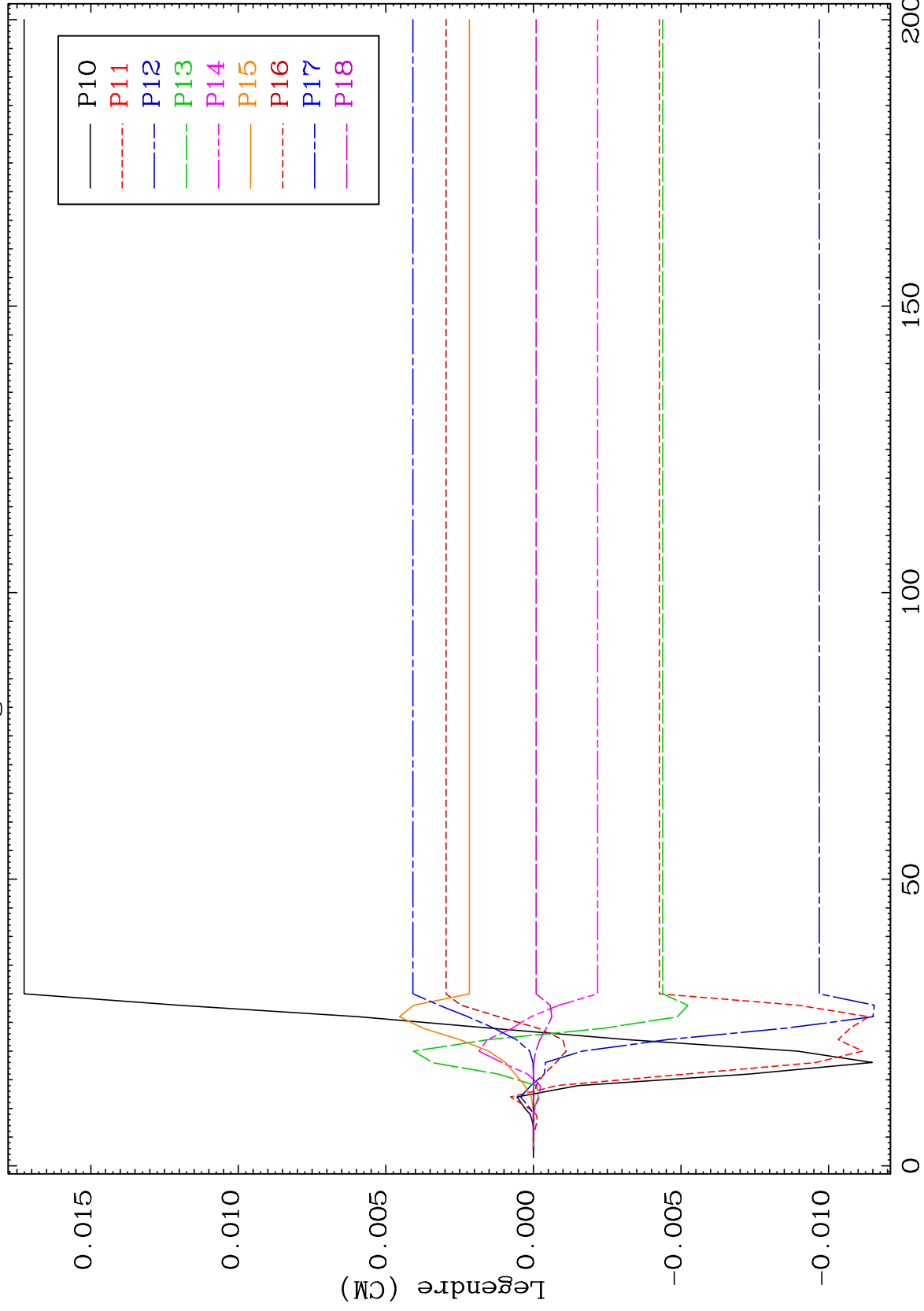
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



44

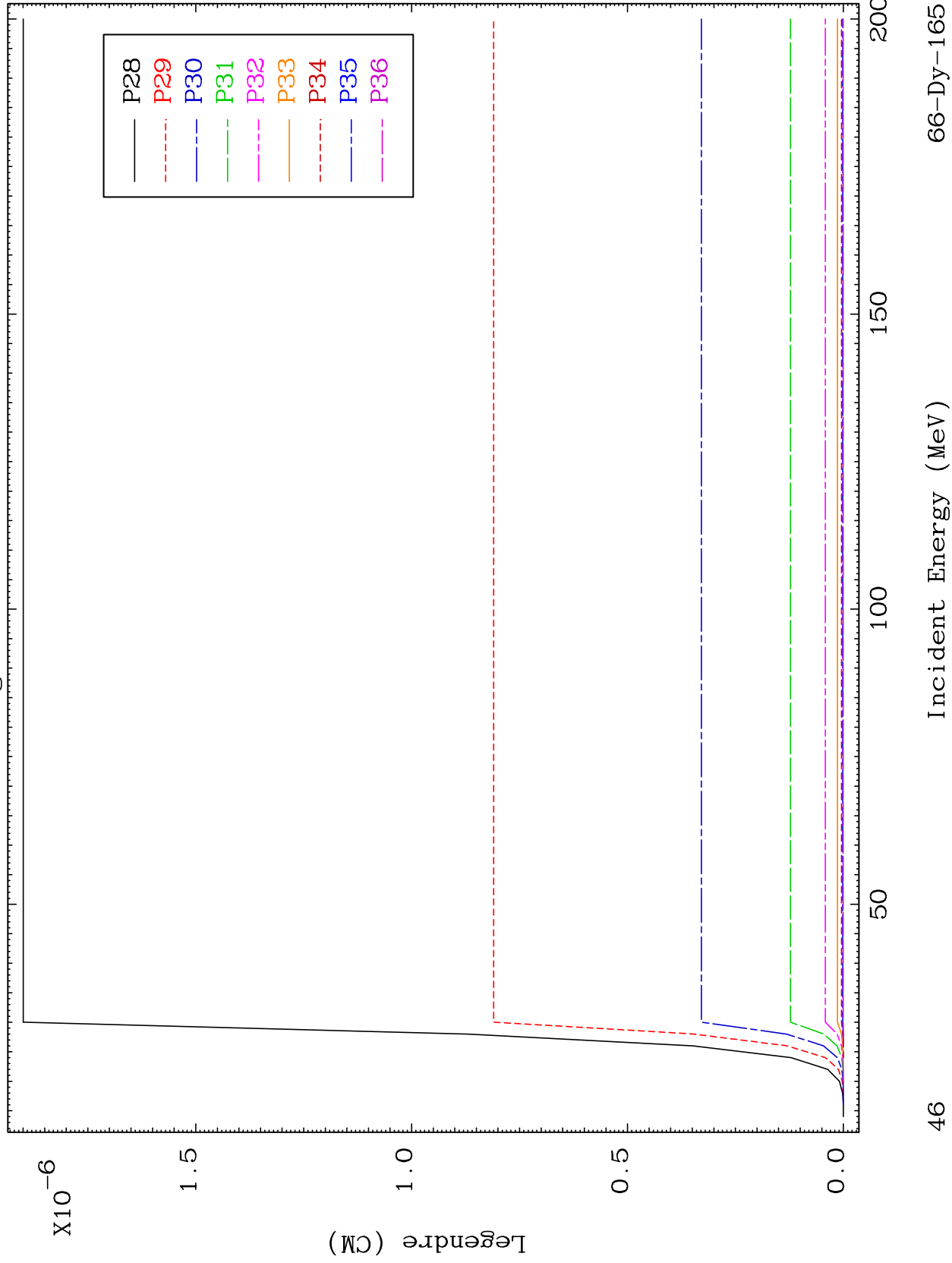
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

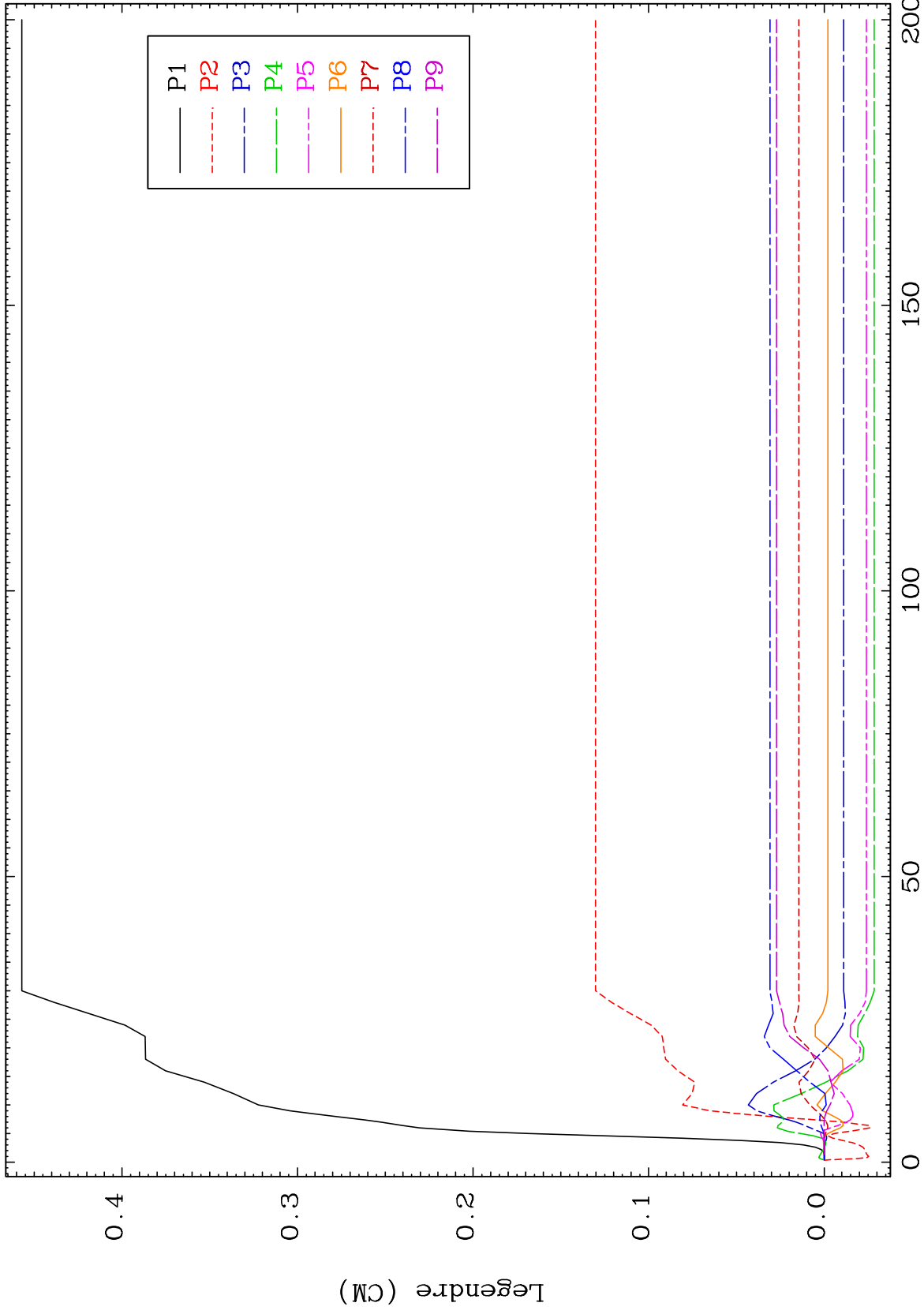
66-Dy-165



MAT 6652

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

66-Dy-165



47

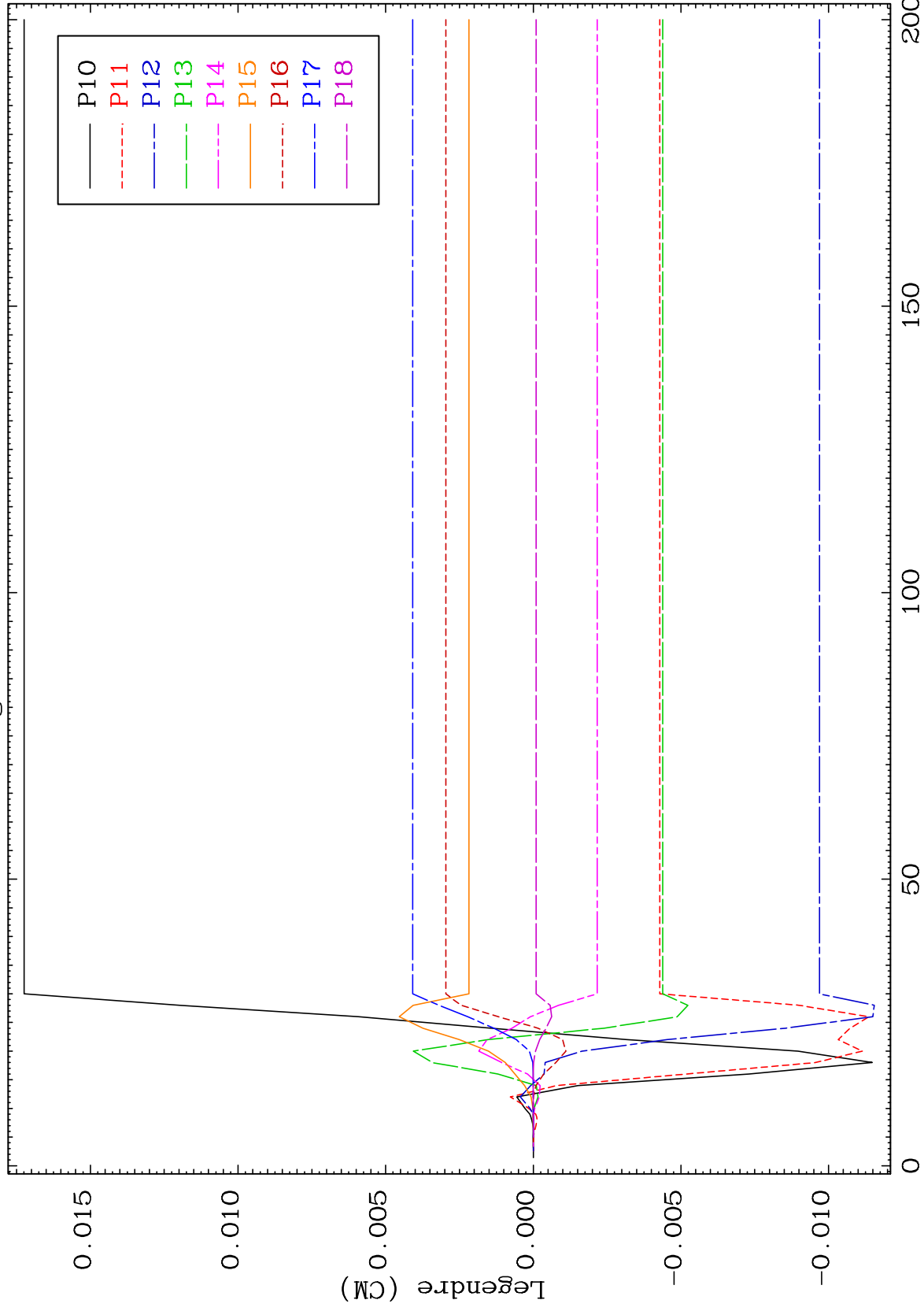
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



48

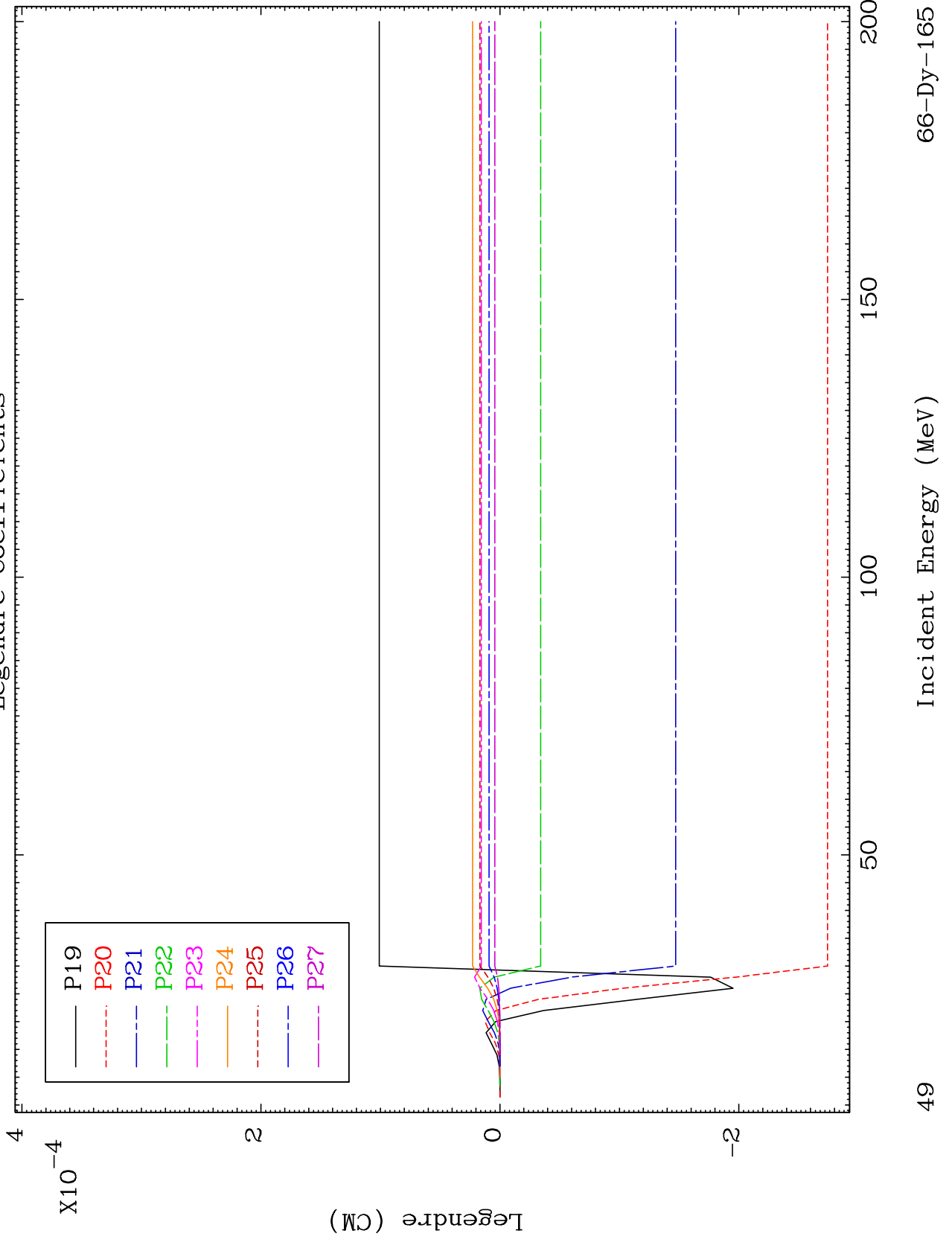
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

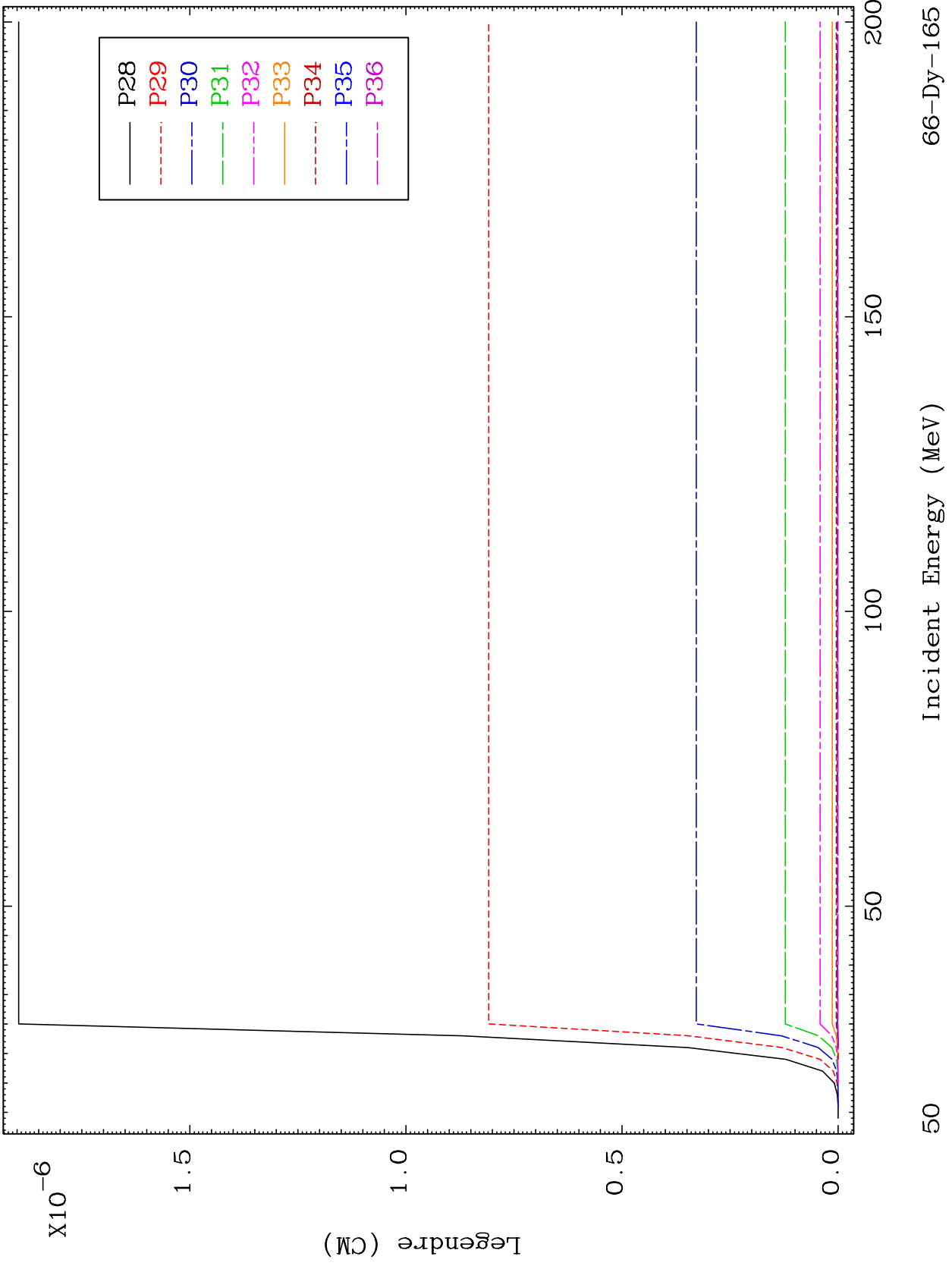
66-Dy-165



MAT 6652

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

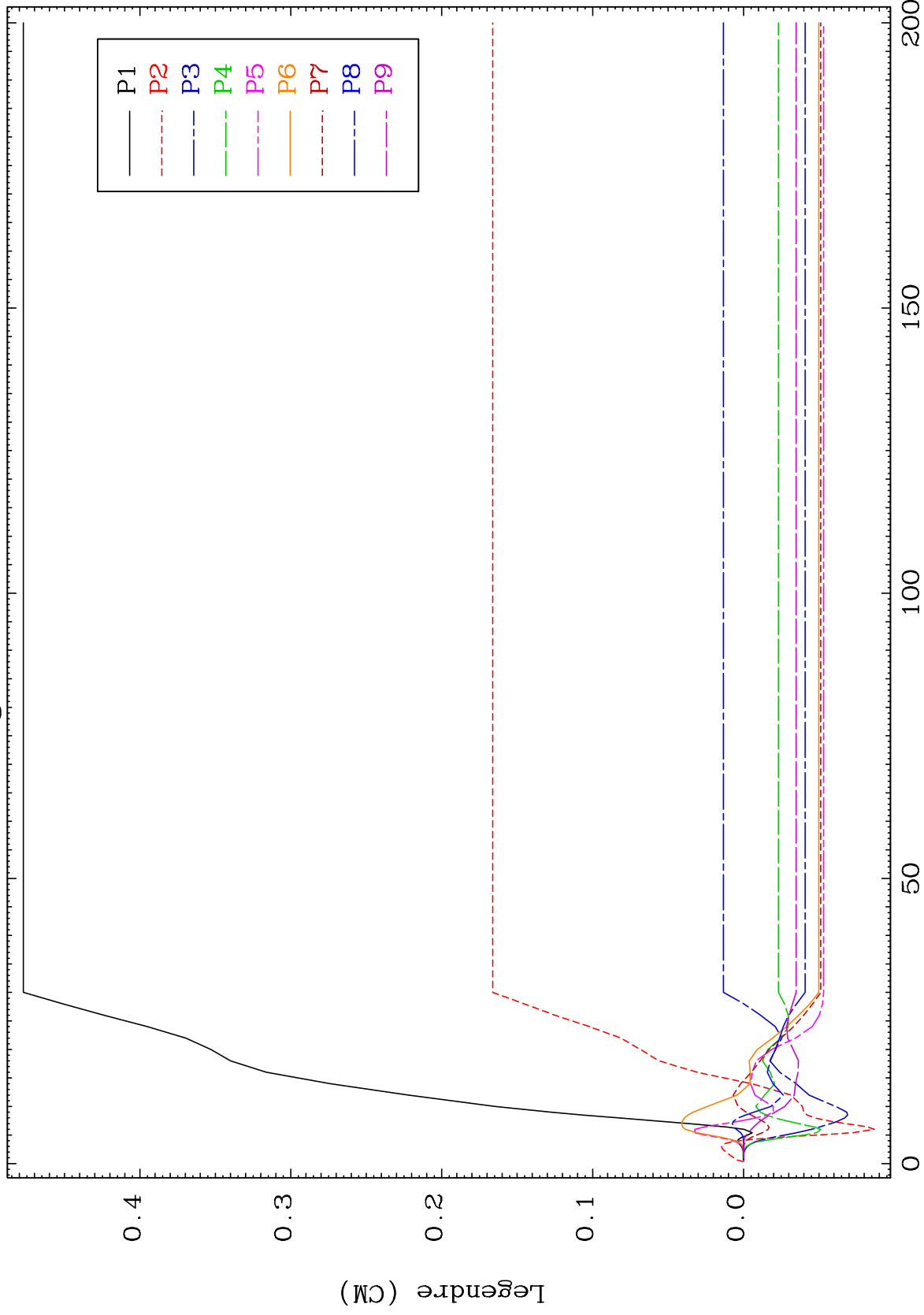
66-Dy-165



MAT 6652

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

66-Dy-165



51

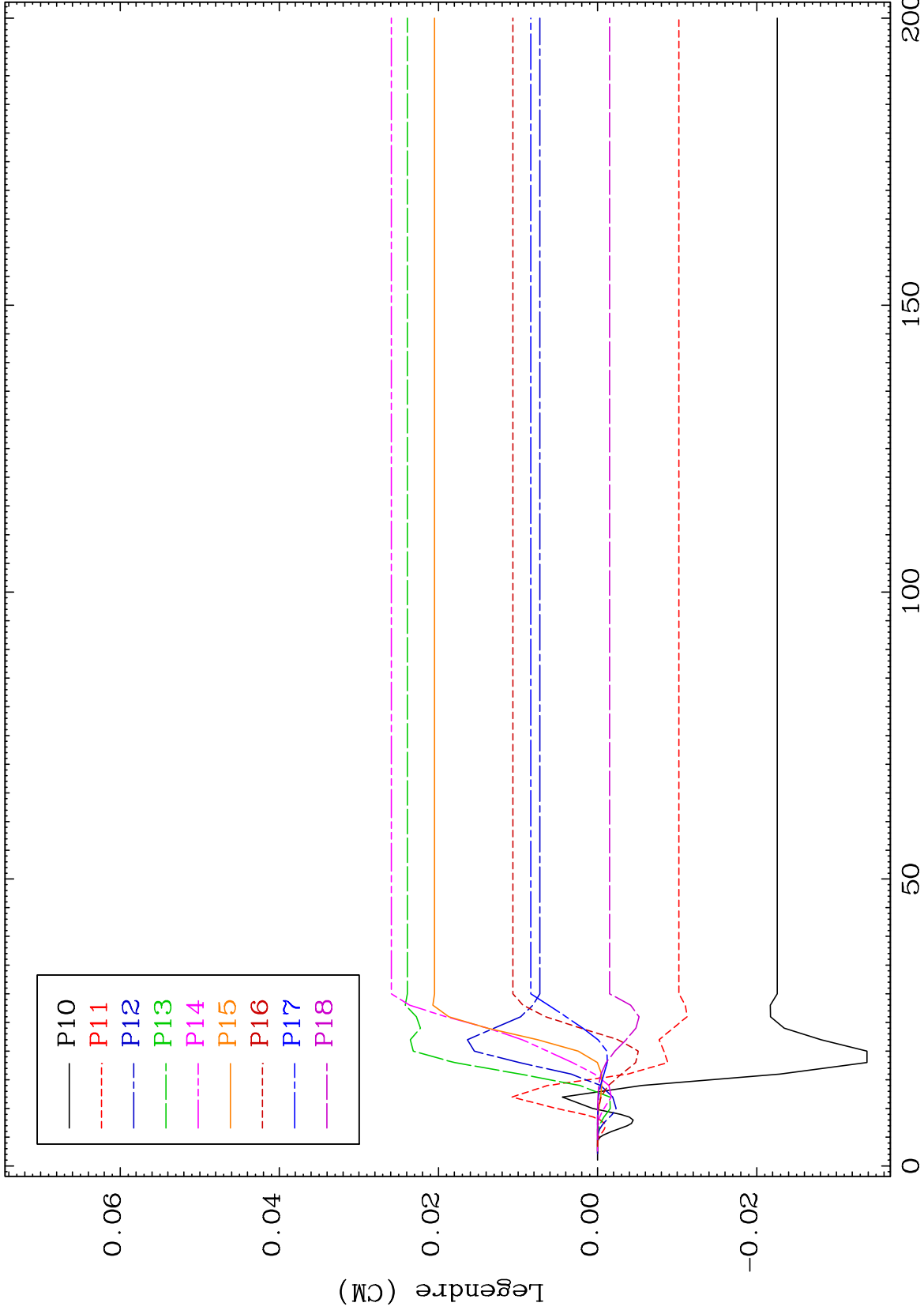
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



52

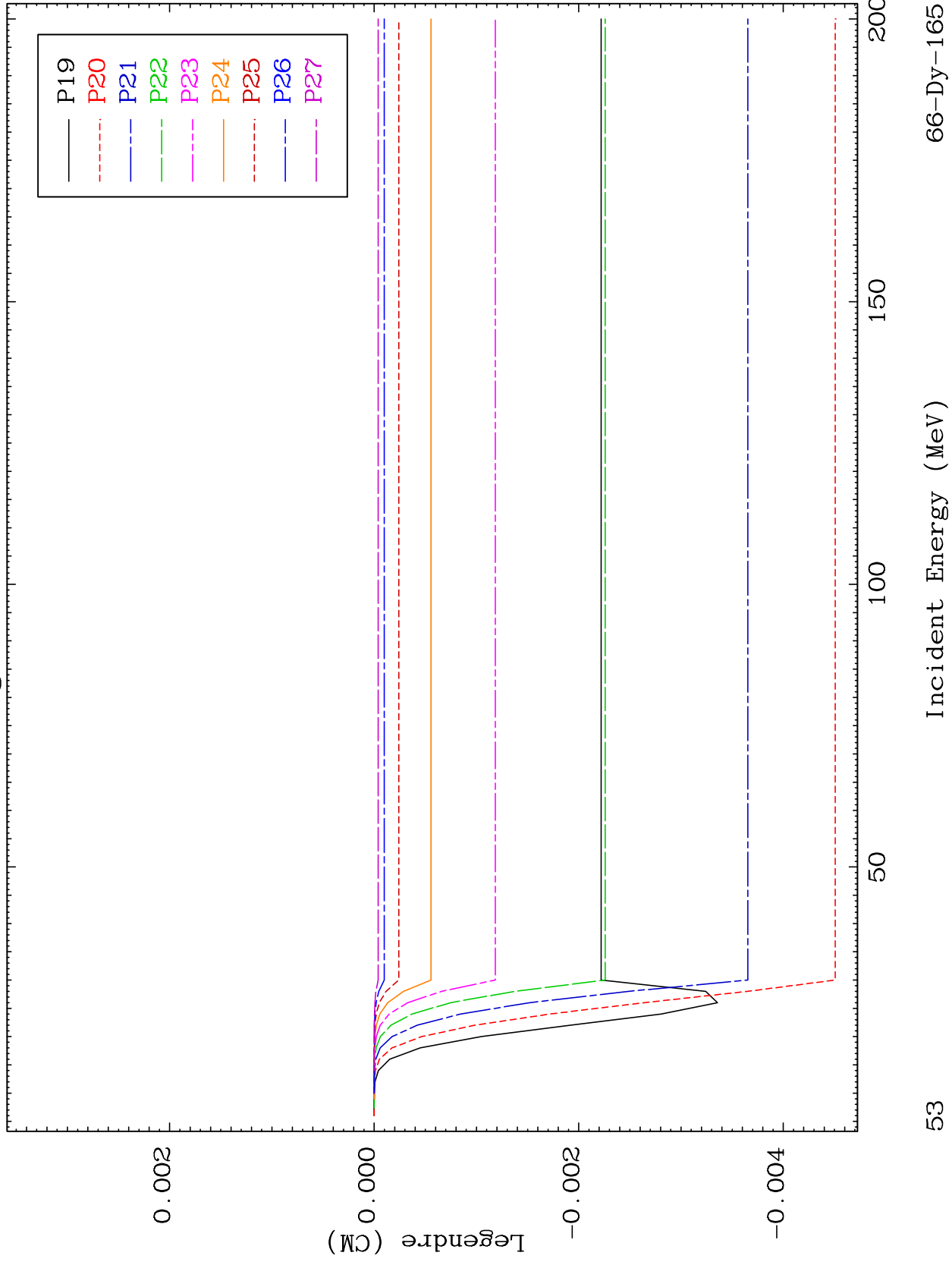
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

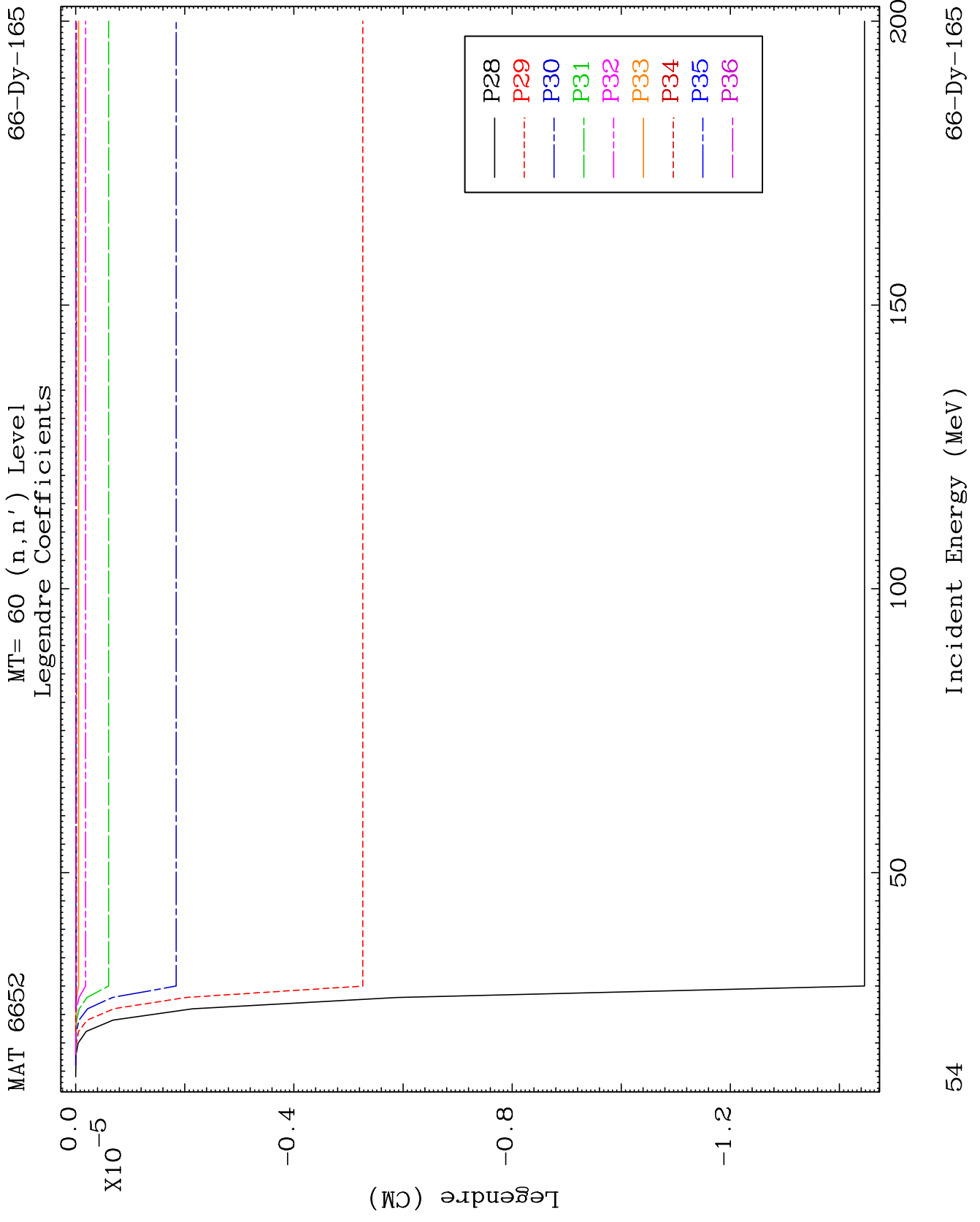
66-Dy-165



53

Incident Energy (MeV)

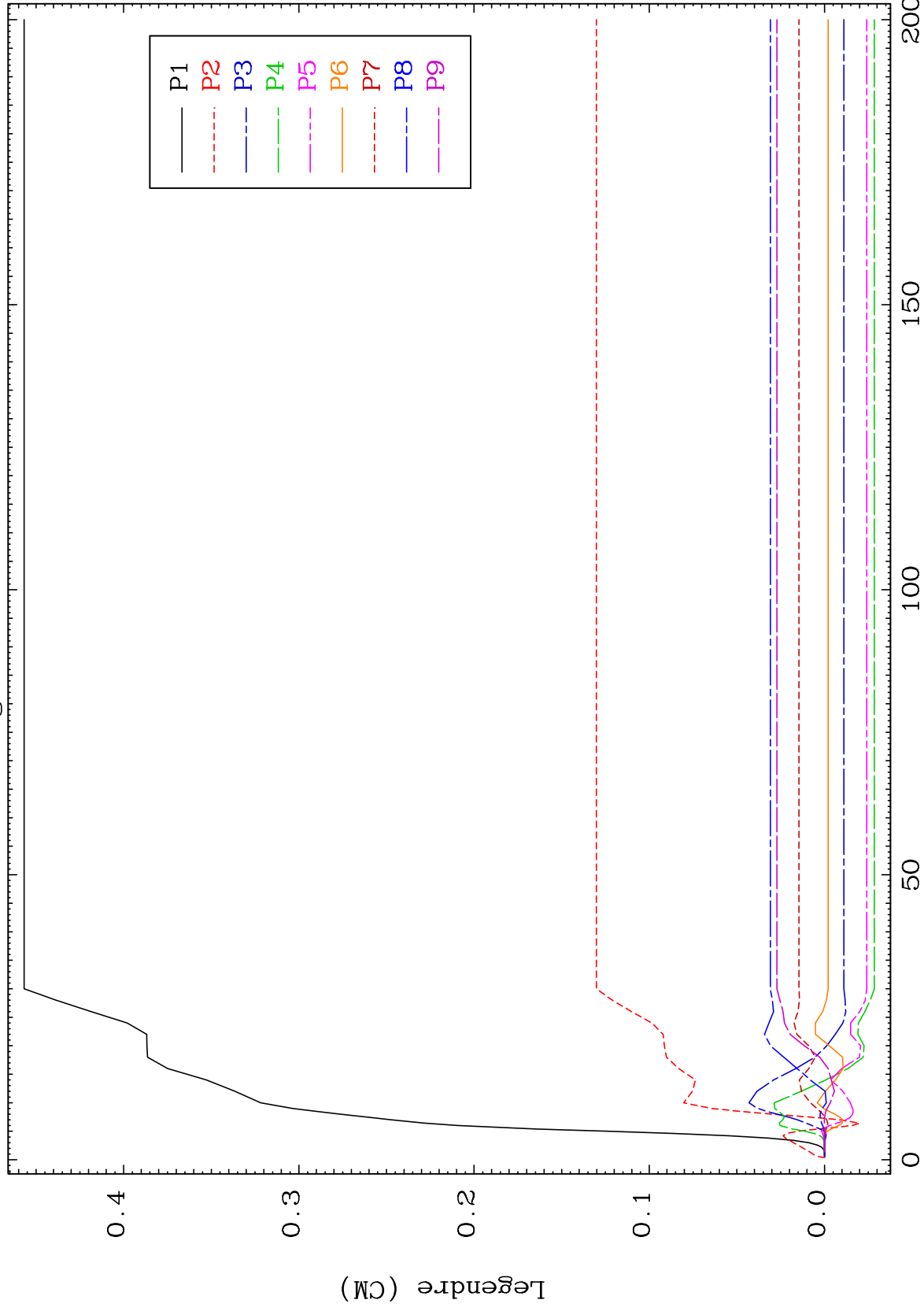
66-Dy-165



MAT 6652

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

66-Dy-165



66-Dy-165

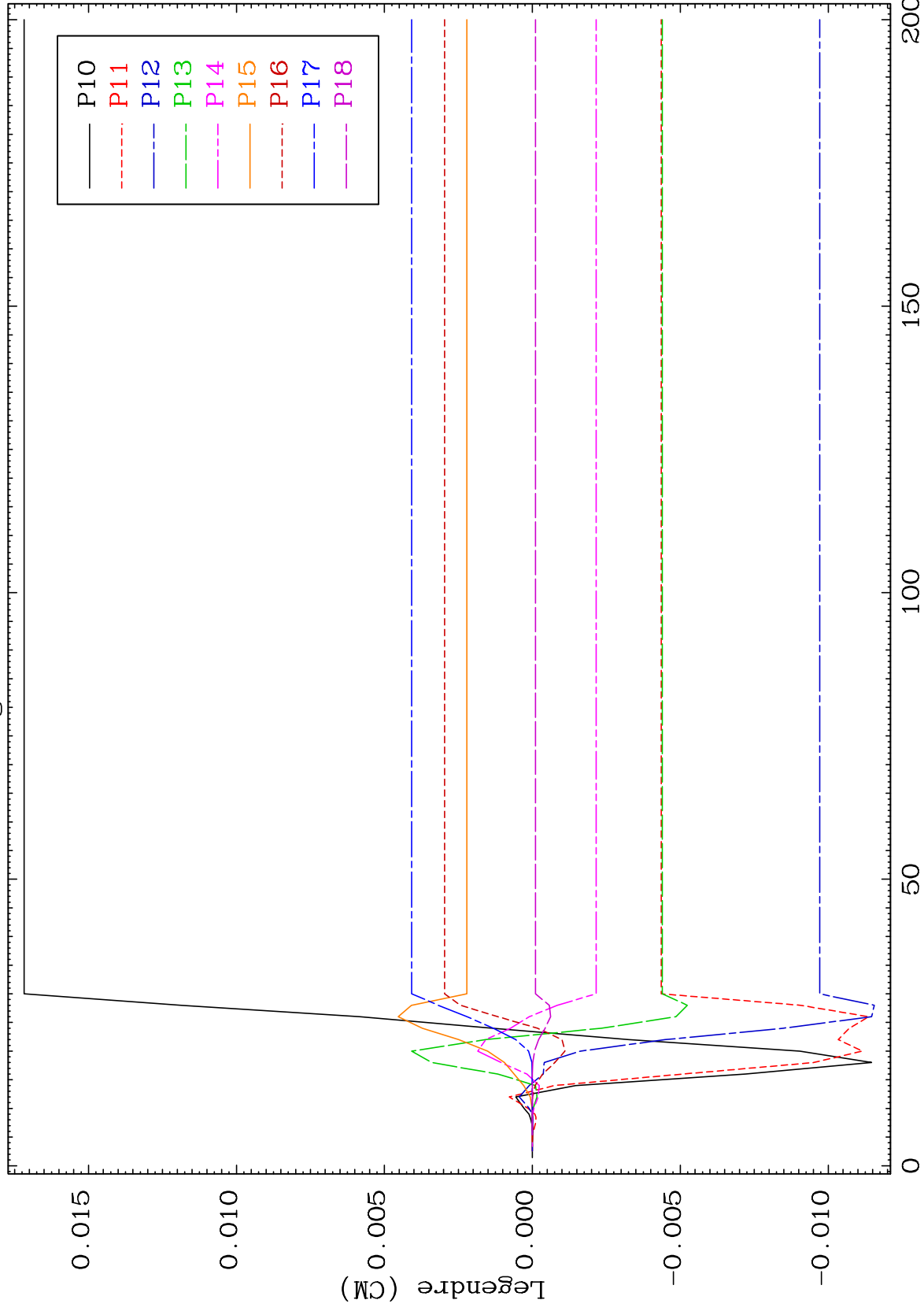
Incident Energy (MeV)

55

MAT 6652

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

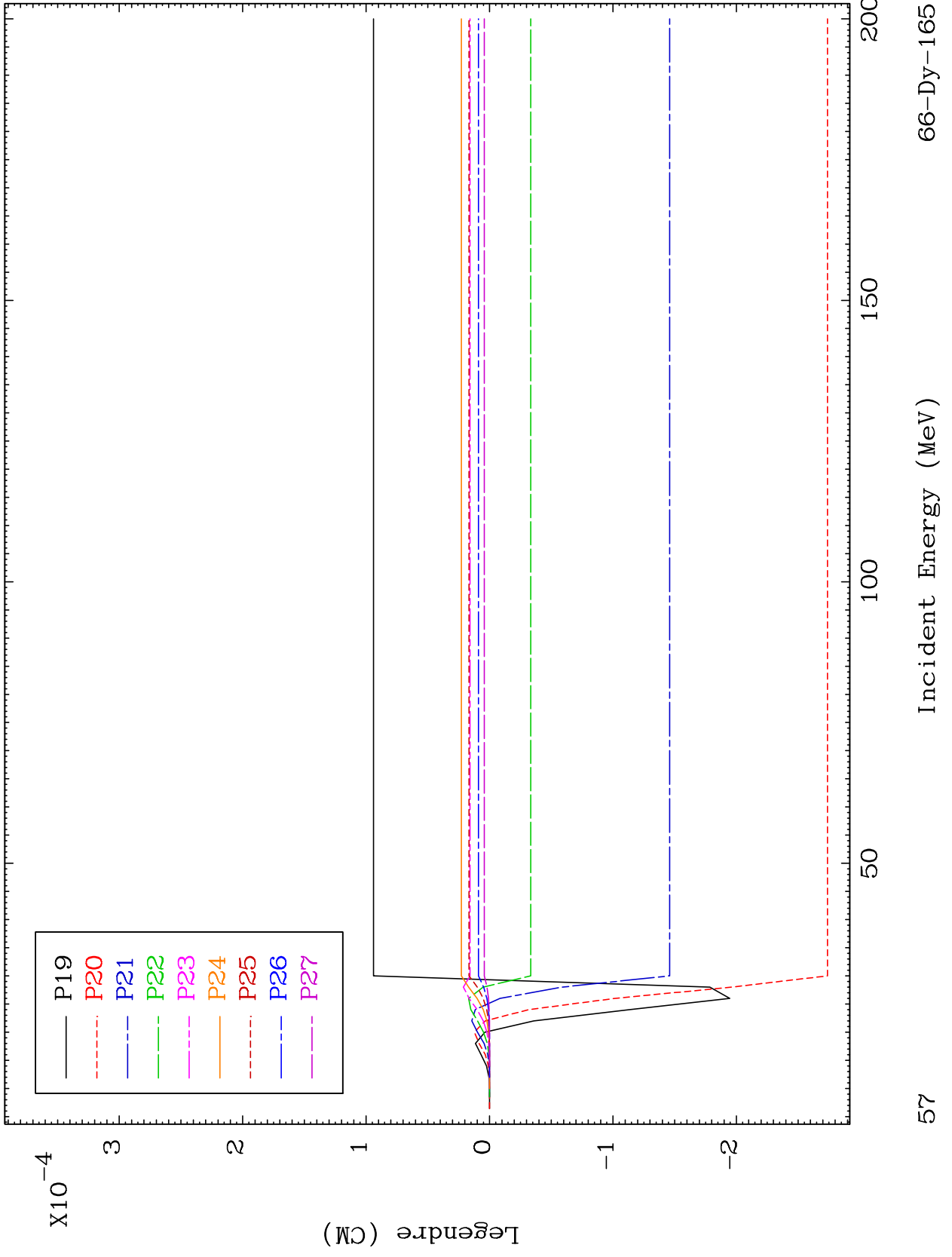
66-Dy-165



56

Incident Energy (MeV)

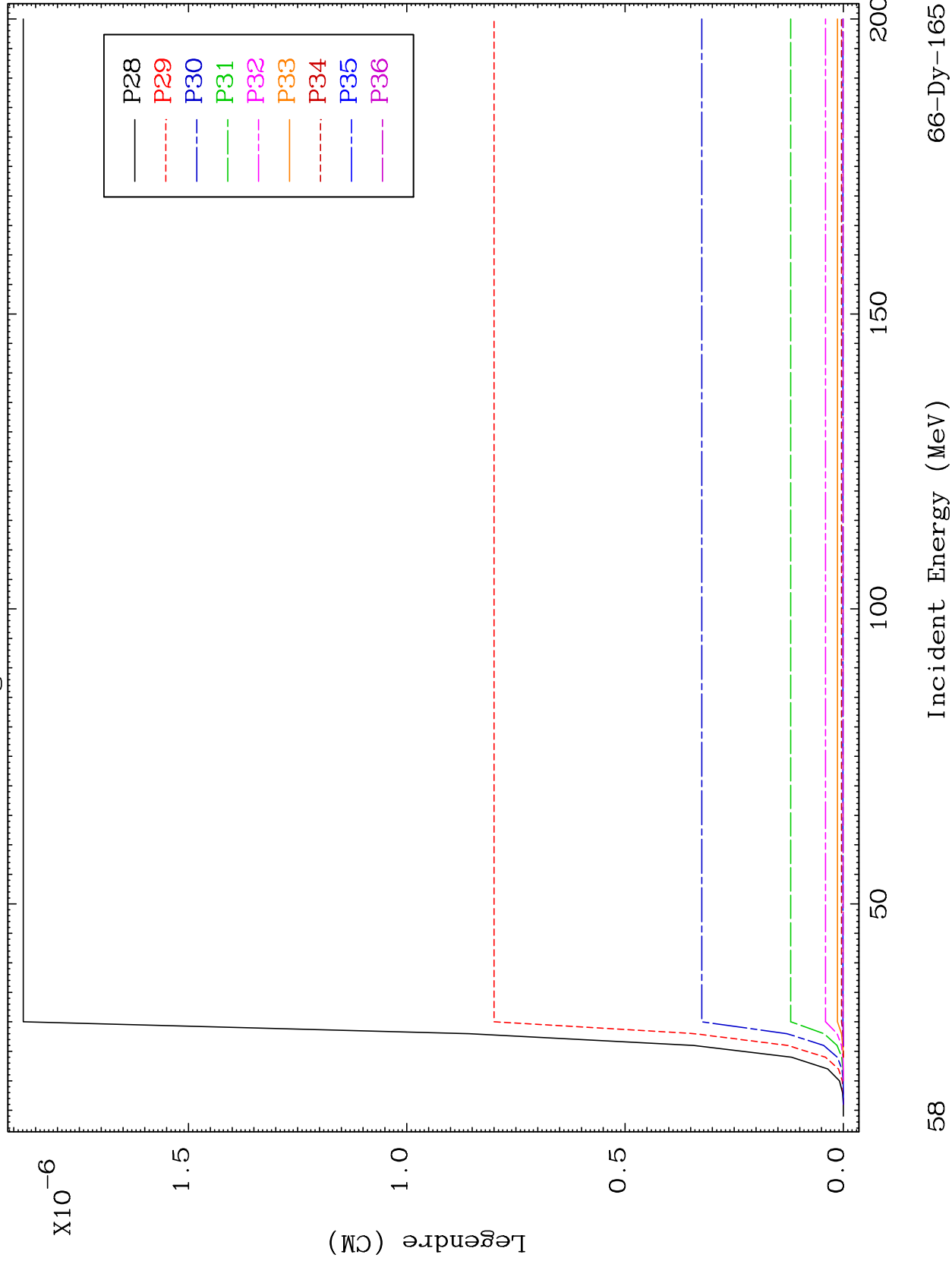
66-Dy-165

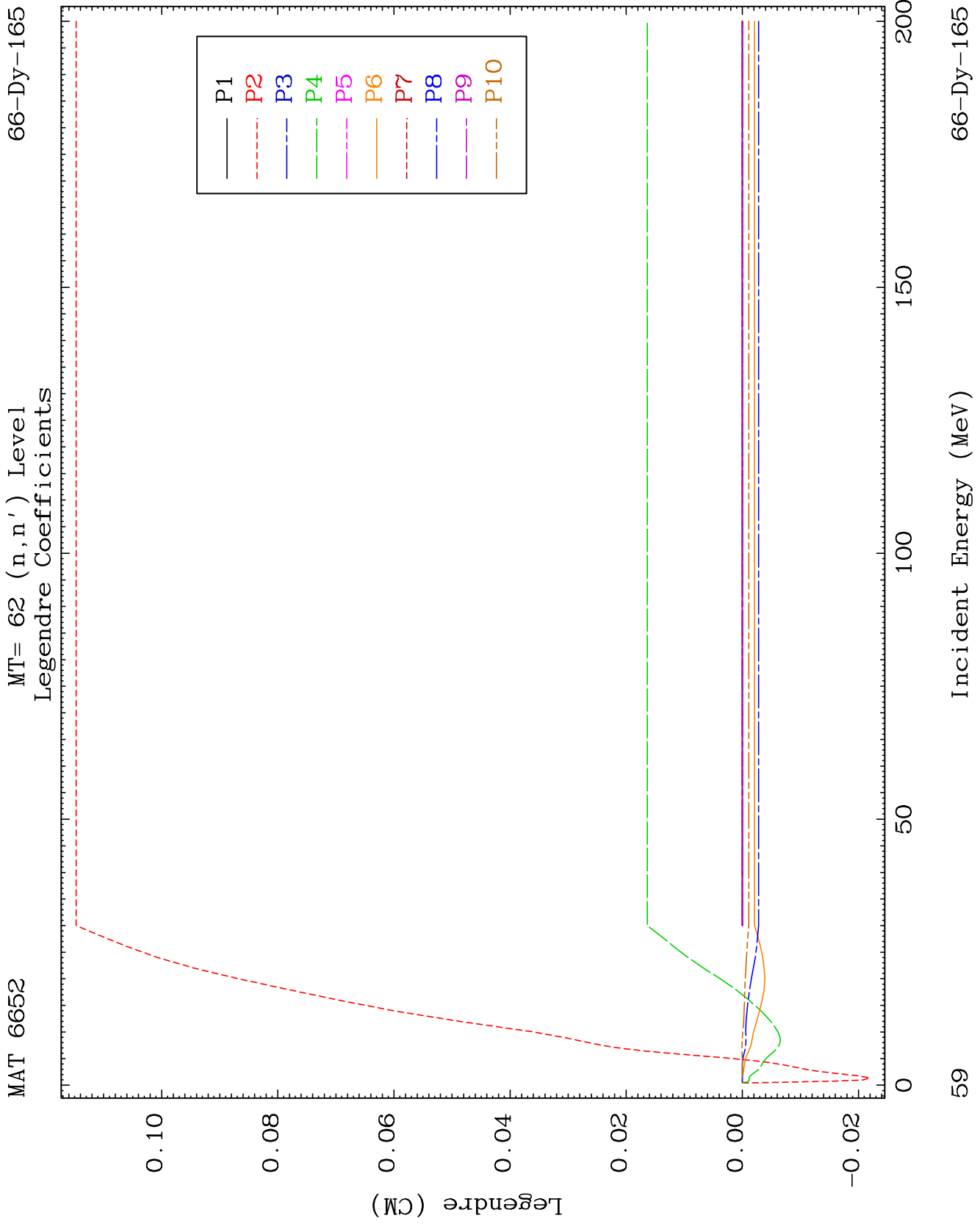


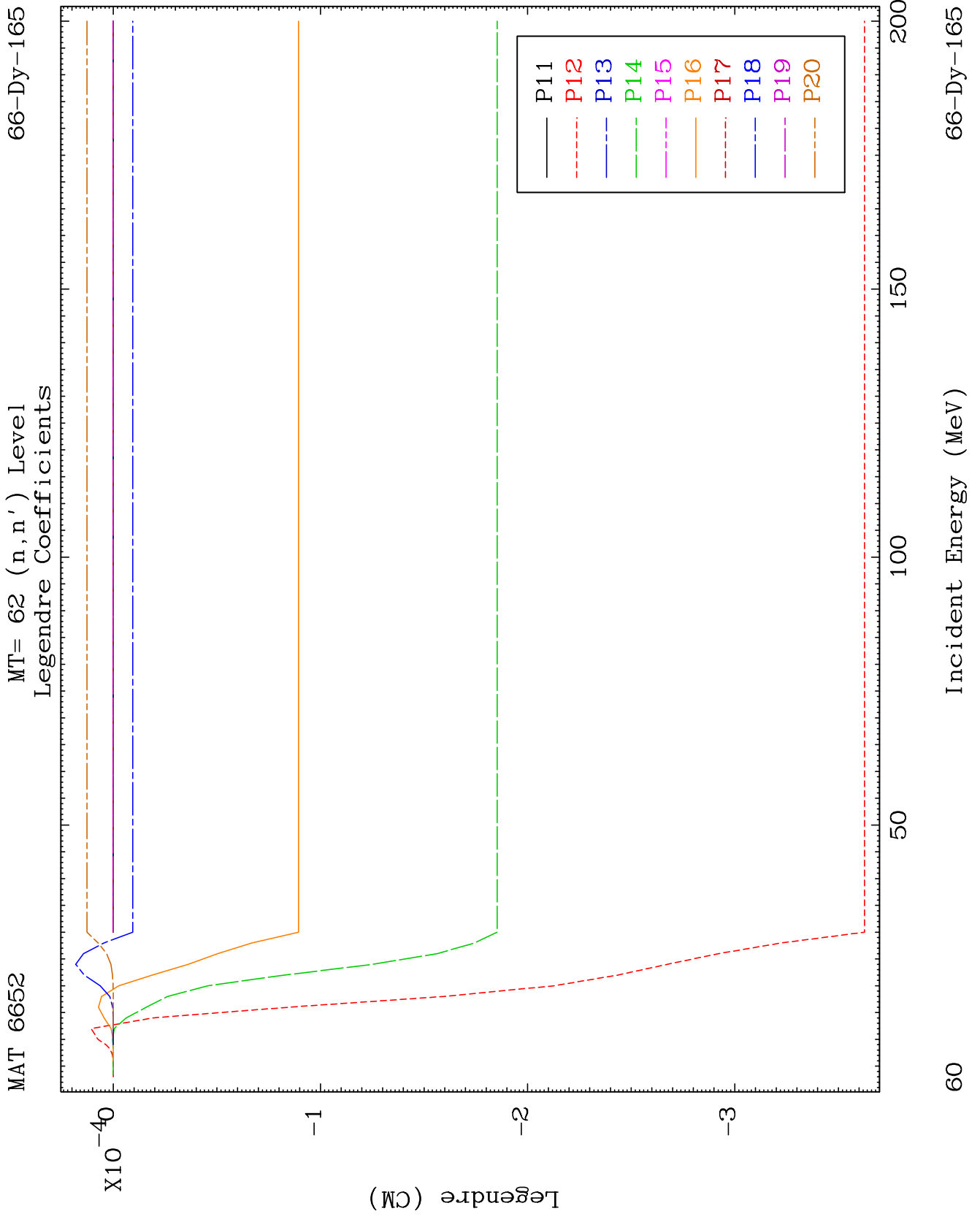
MAT 6652

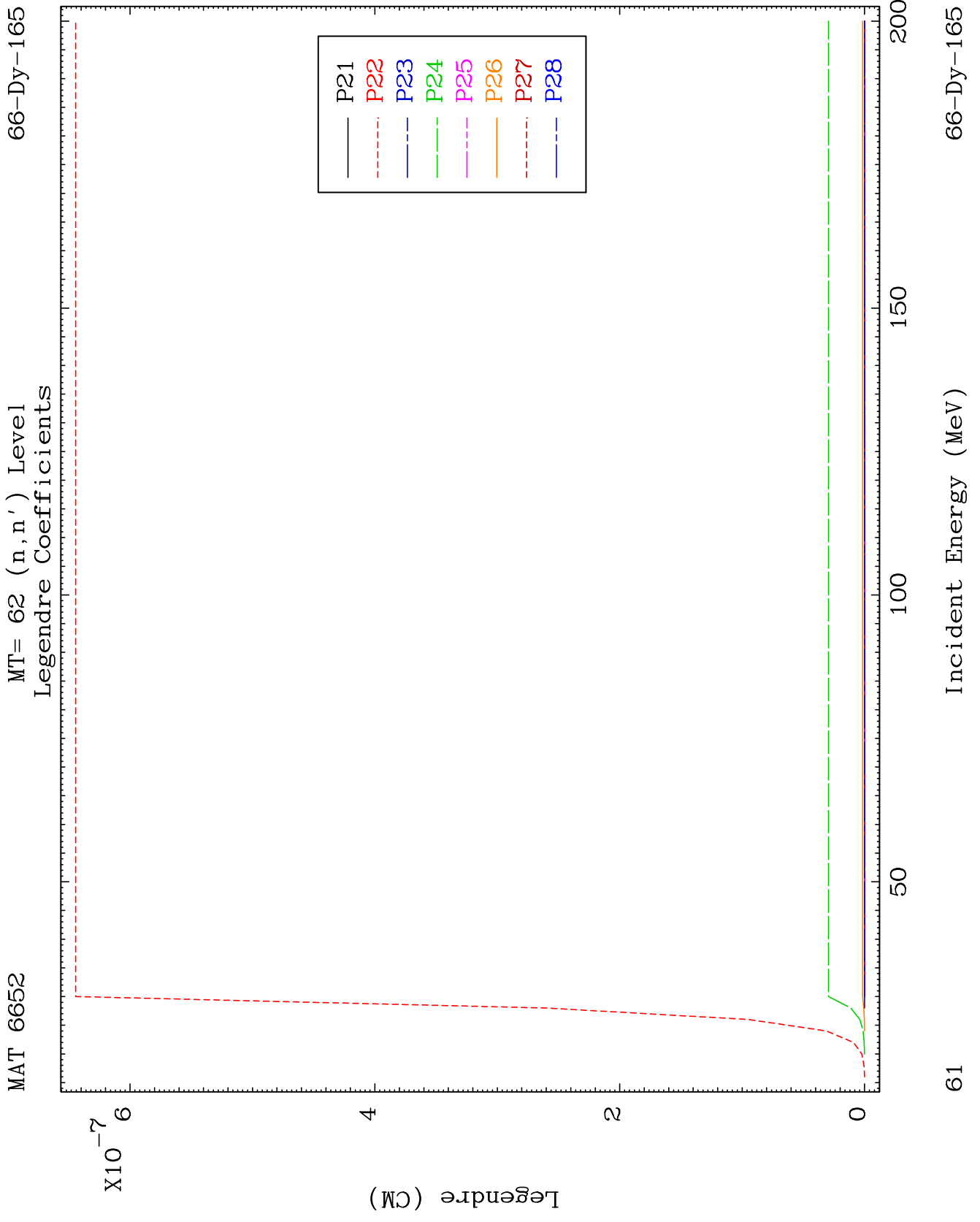
MT= 61 (n,n') Level
Legendre Coefficients

66-Dy-165





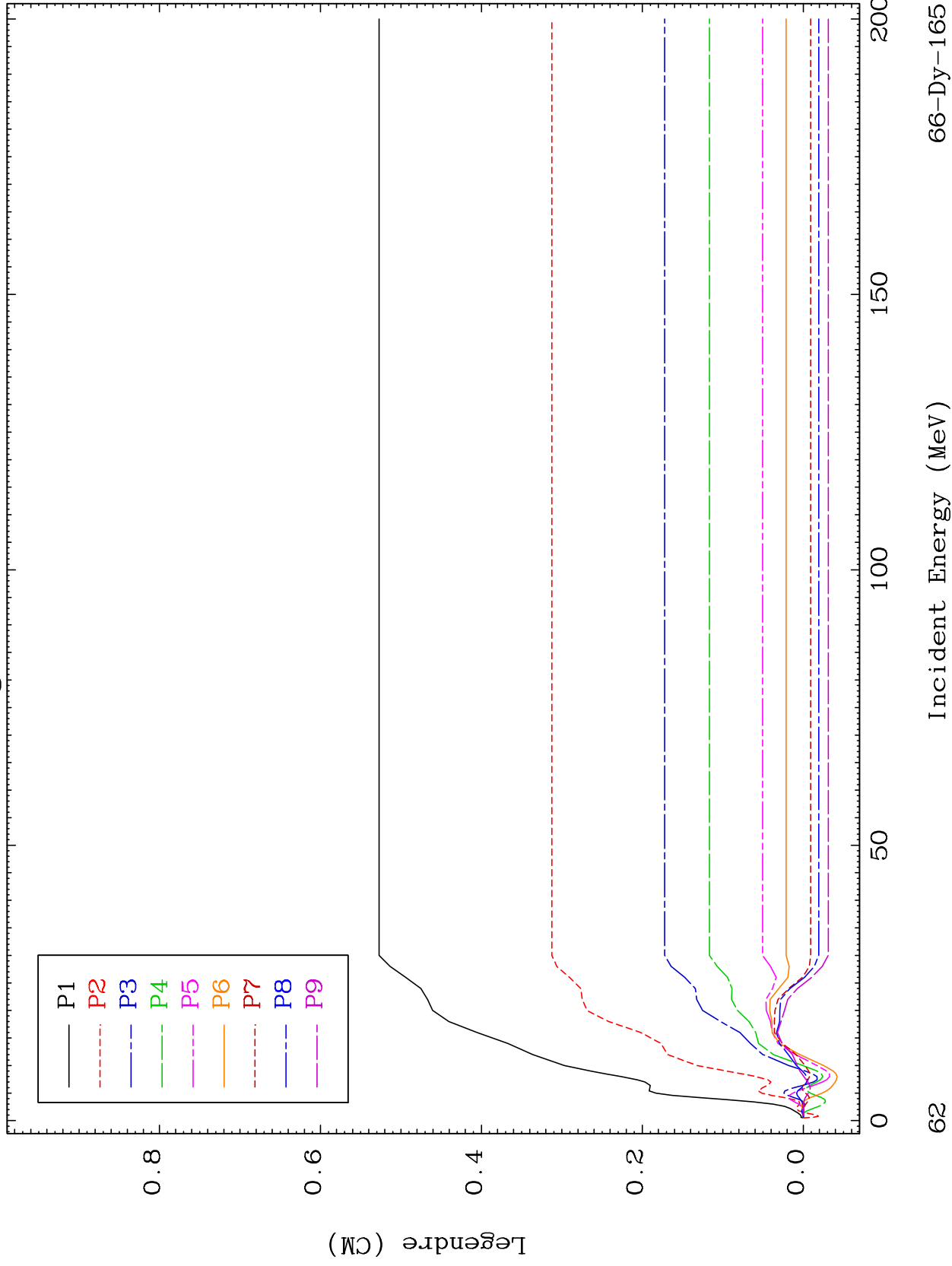




MAT 6652

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

66-Dy-165



66-Dy-165

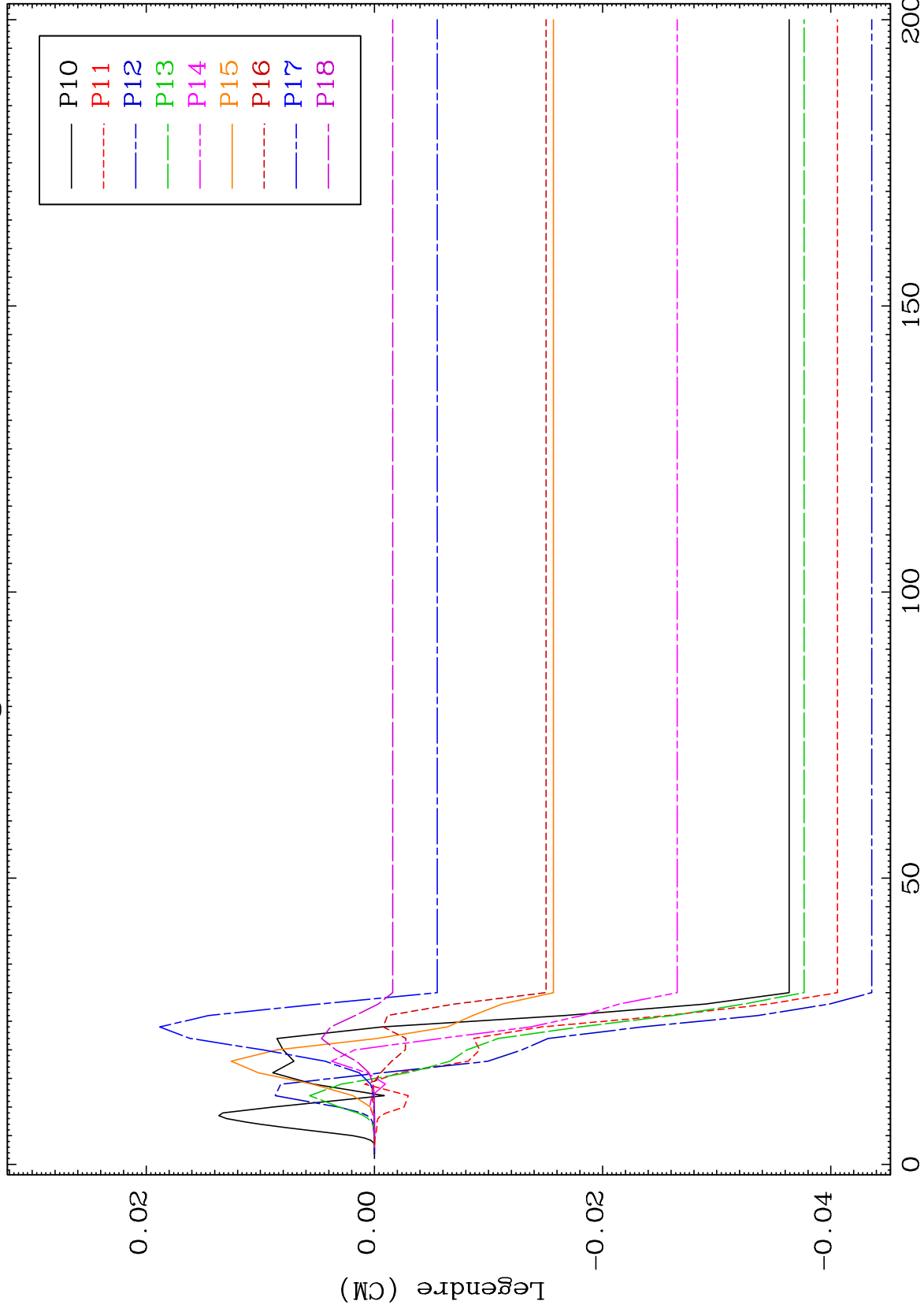
Incident Energy (MeV)

62

MAT 6652

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

66-Dy-165



63

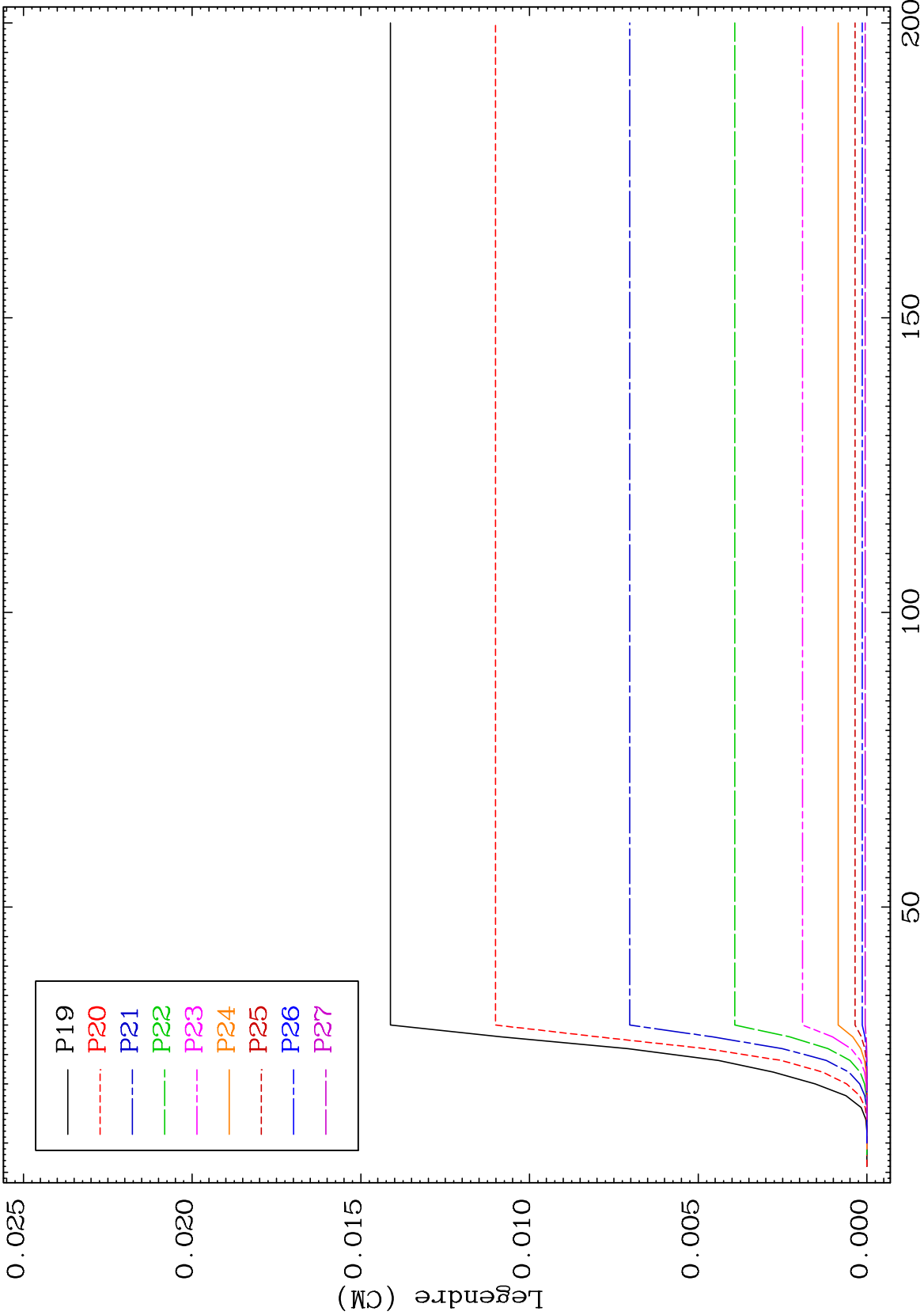
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

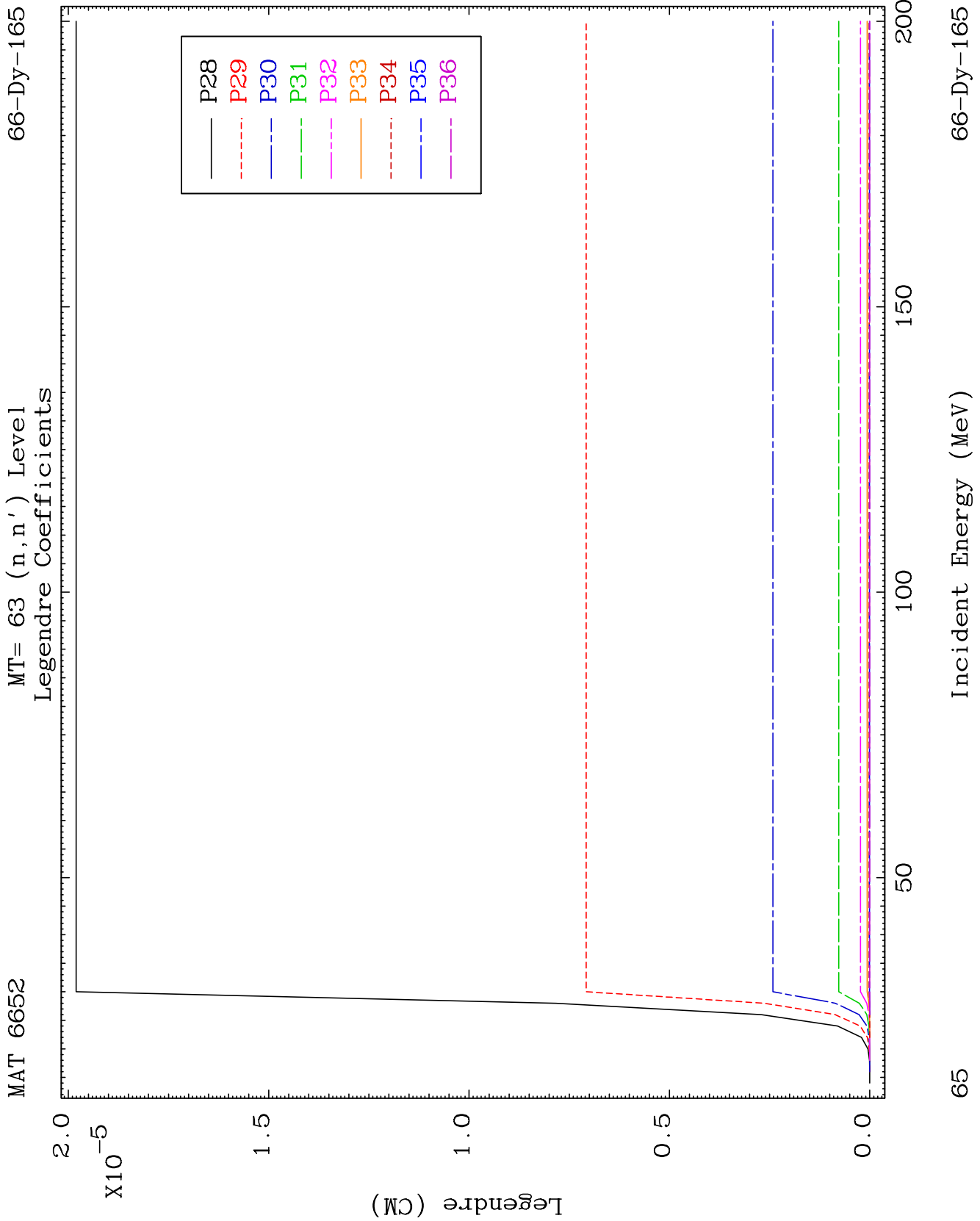
66-Dy-165



64

Incident Energy (MeV)

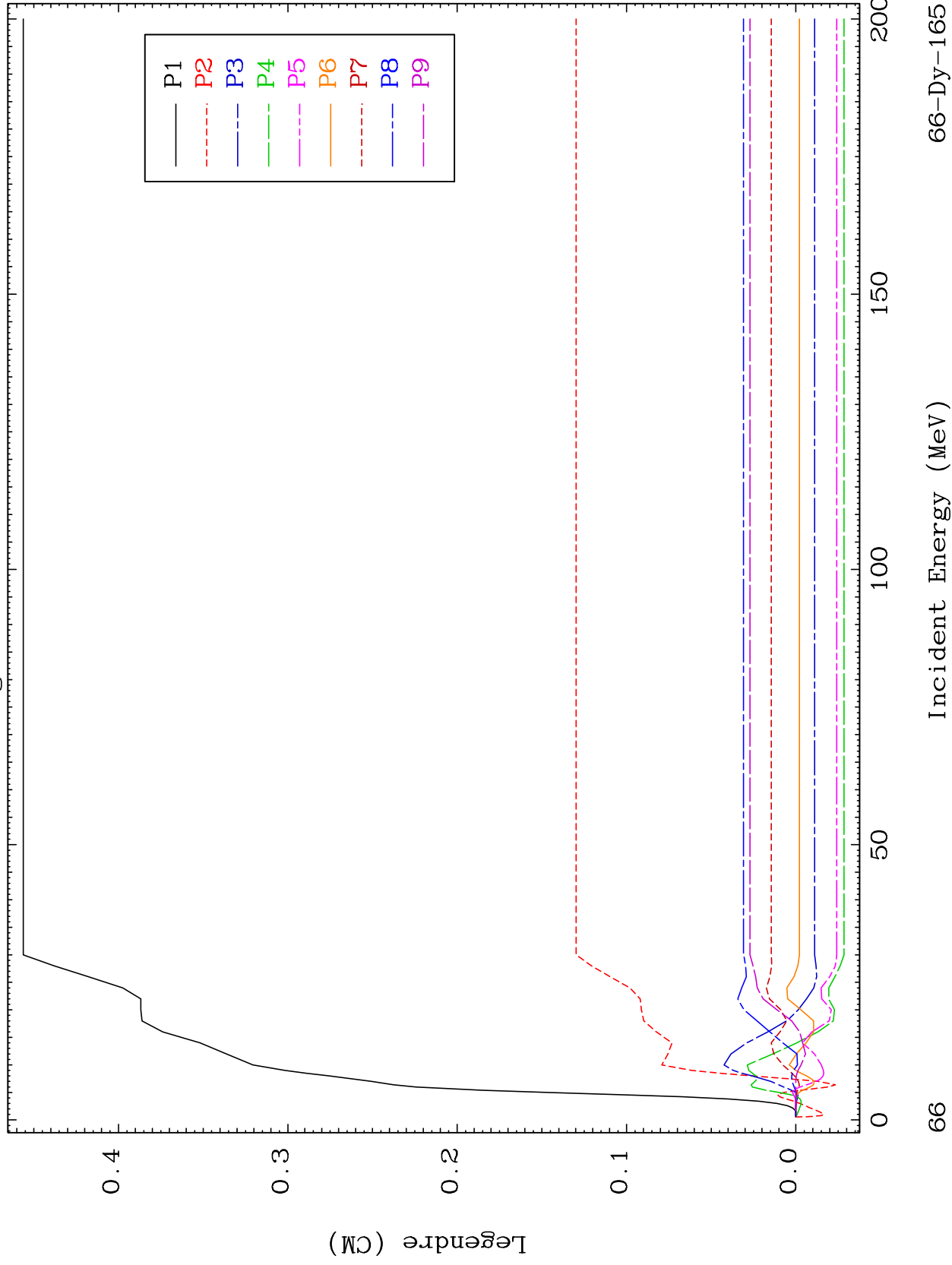
66-Dy-165



MAT 6652

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

66-Dy-165



66-Dy-165

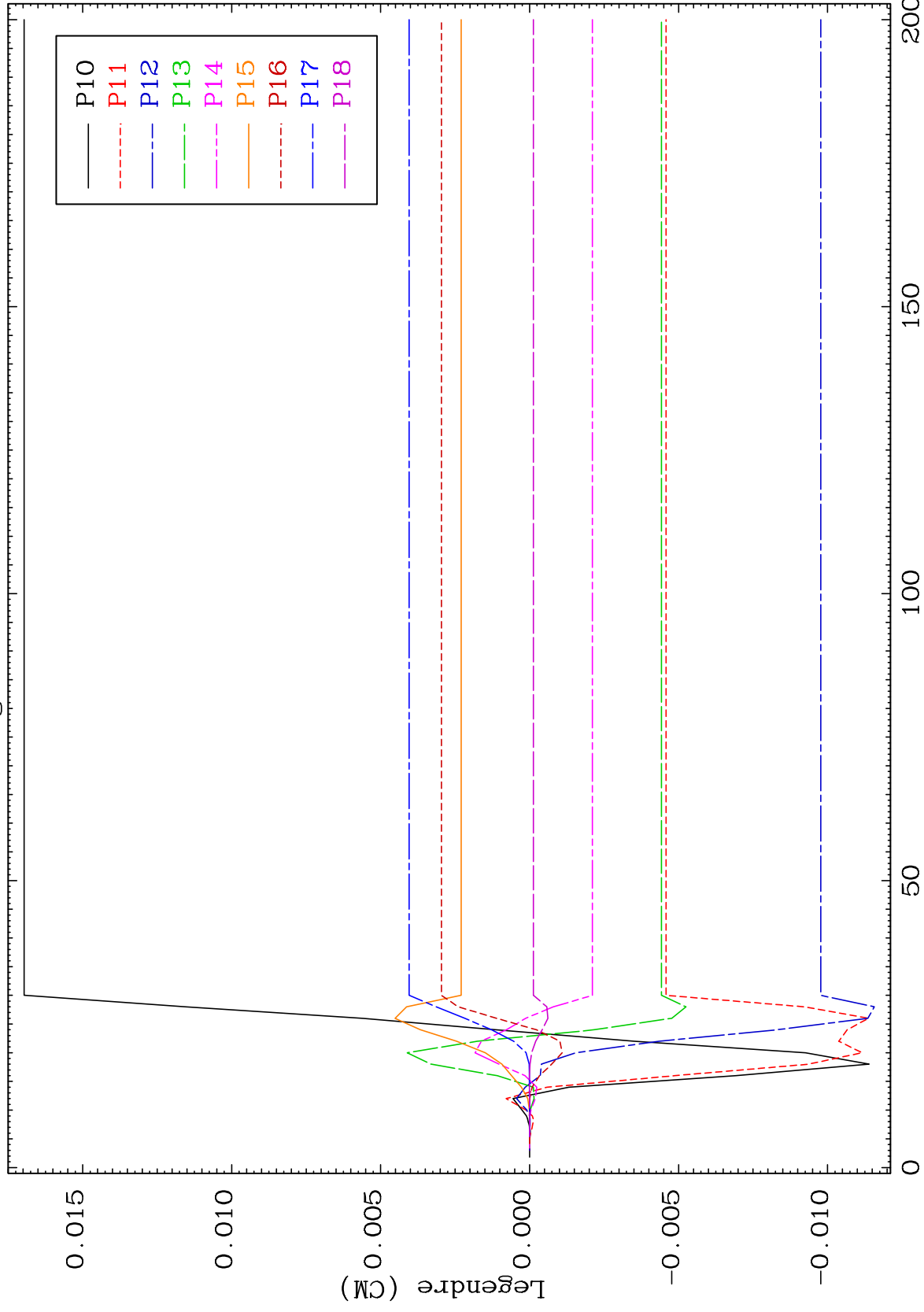
Incident Energy (MeV)

66

MAT 6652

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

66-Dy-165



67

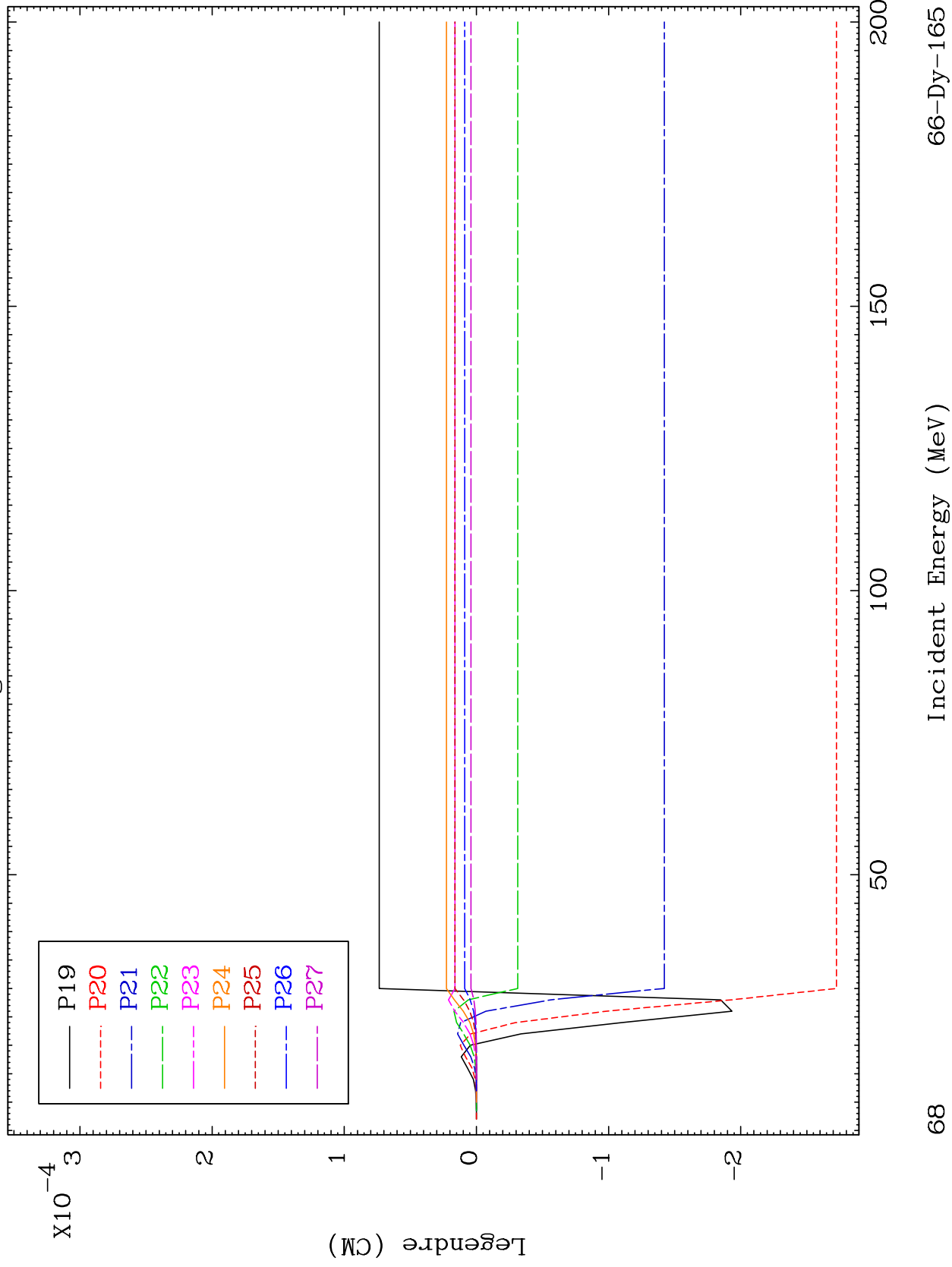
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



68

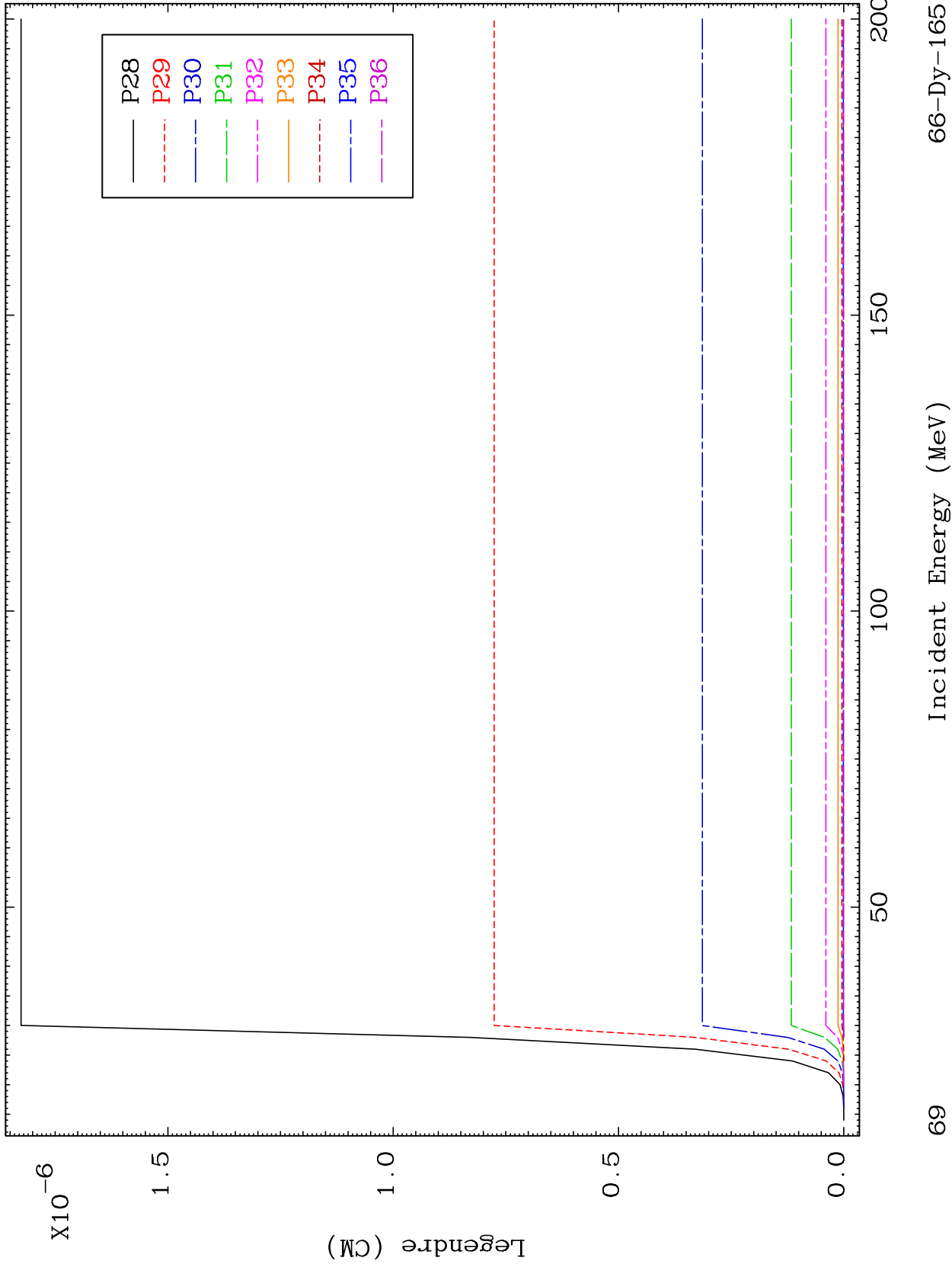
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

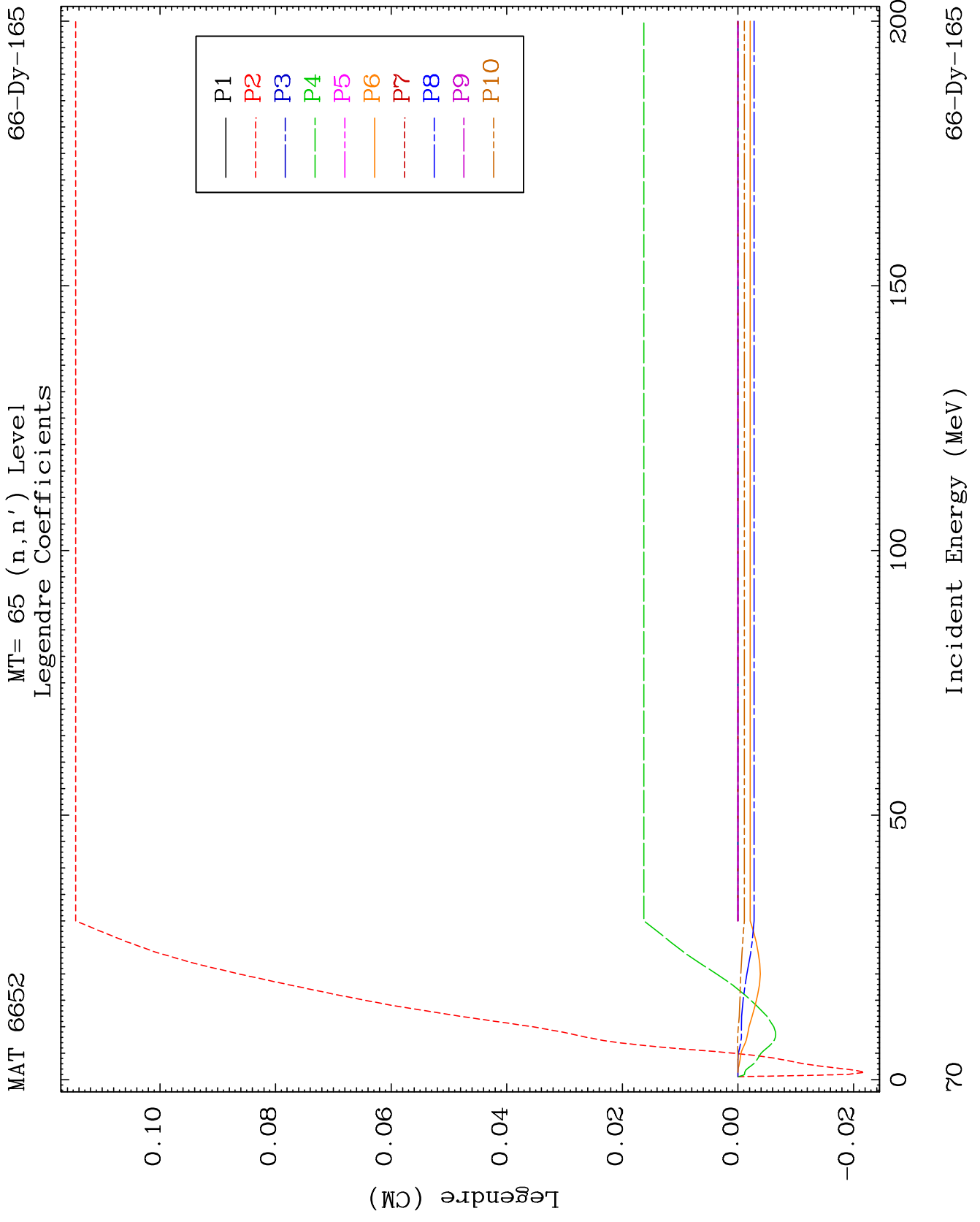
66-Dy-165



69

Incident Energy (MeV)

66-Dy-165

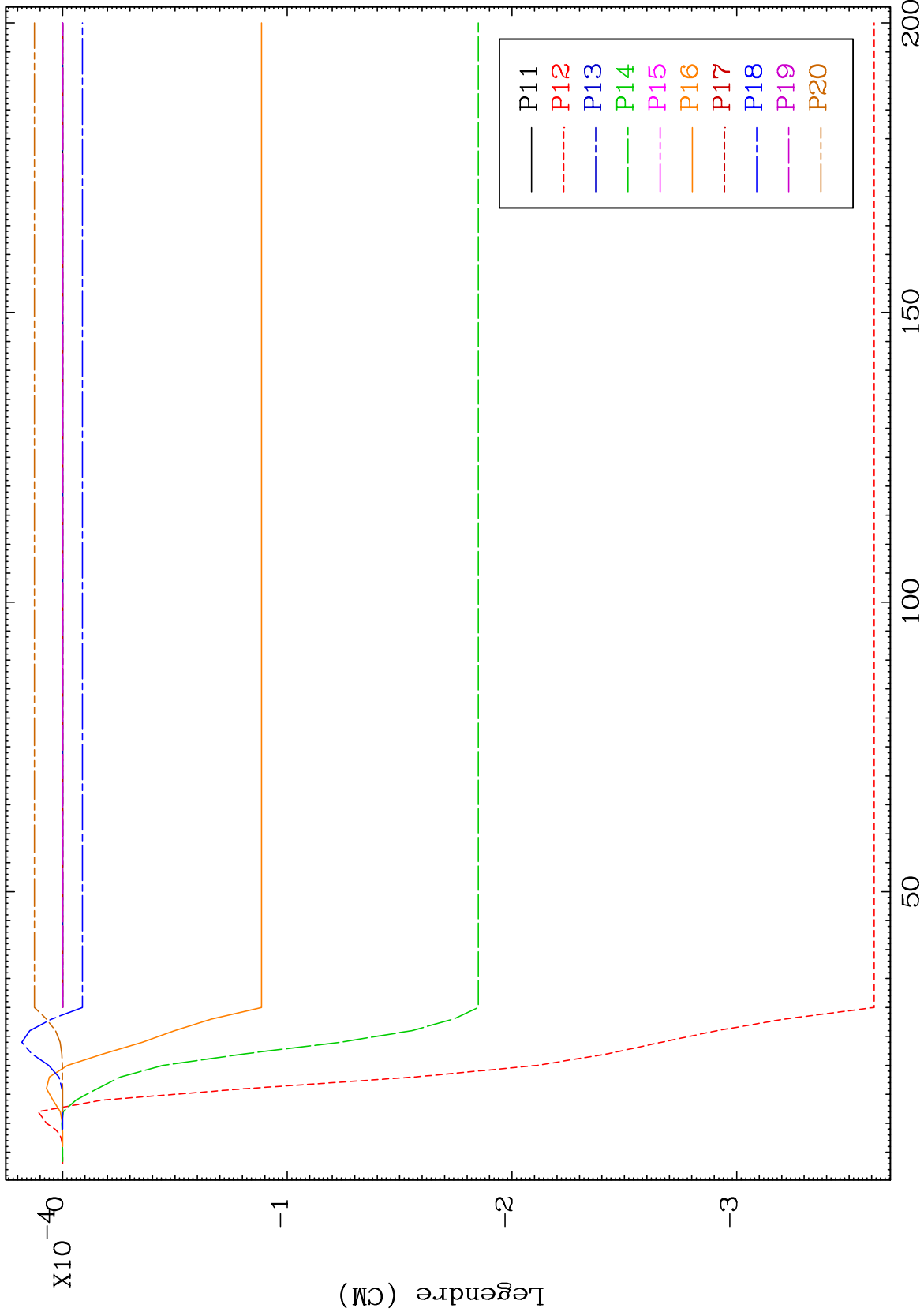


MAT 6652

MT= 65 (n,n') Level

66-Dy-165

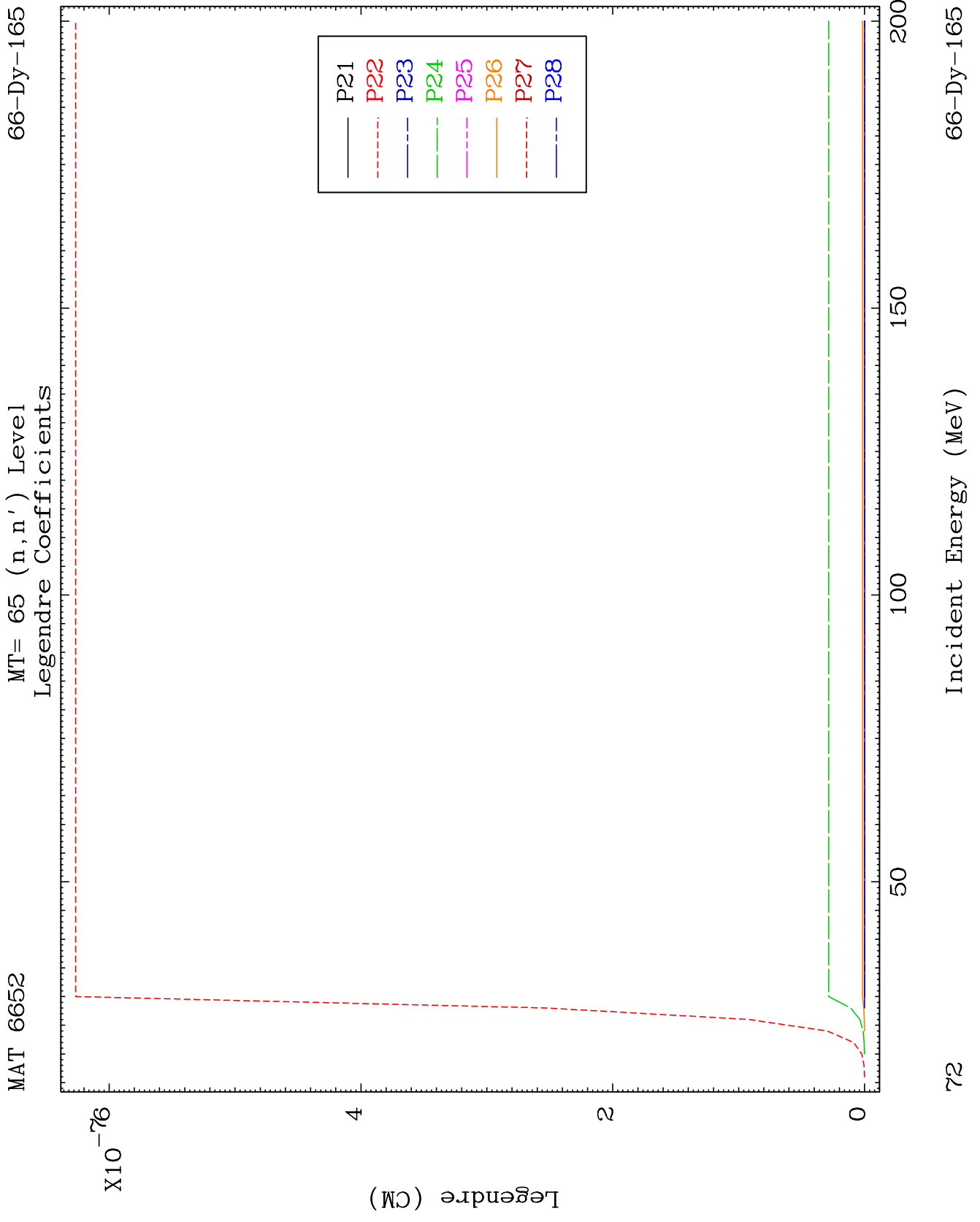
Legendre Coefficients



71

Incident Energy (MeV)

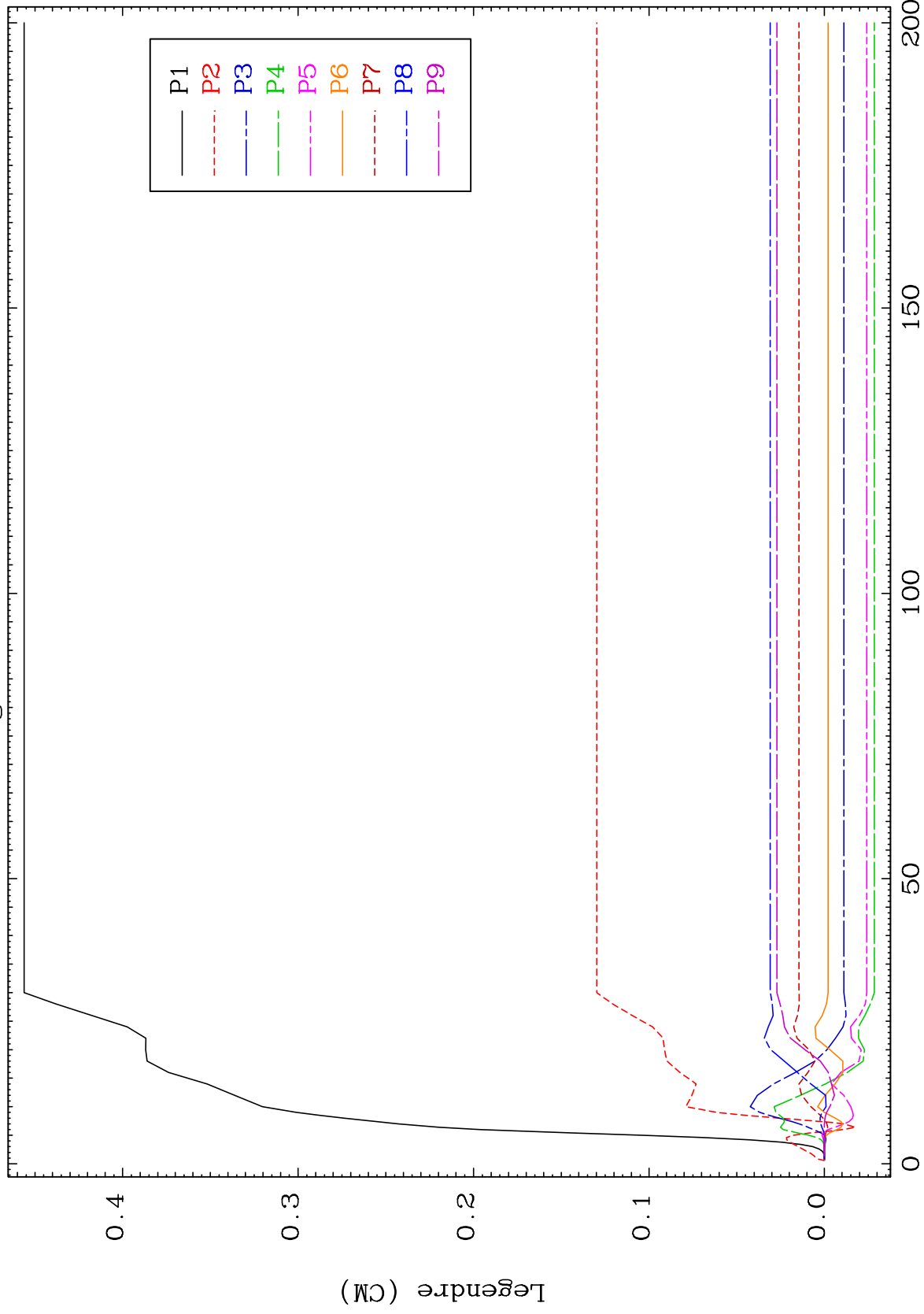
66-Dy-165



MAT 6652

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

66-Dy-165



73

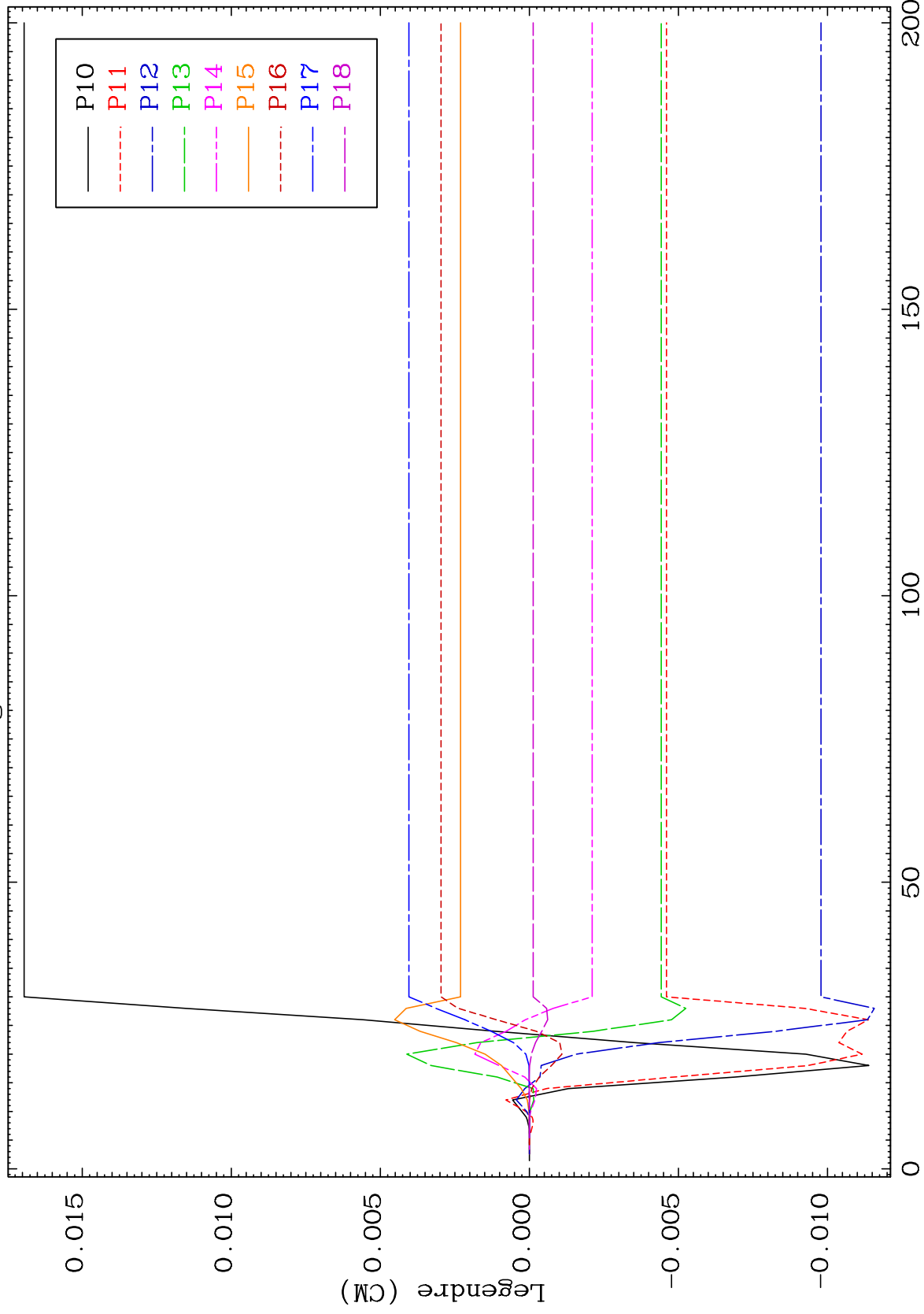
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



74

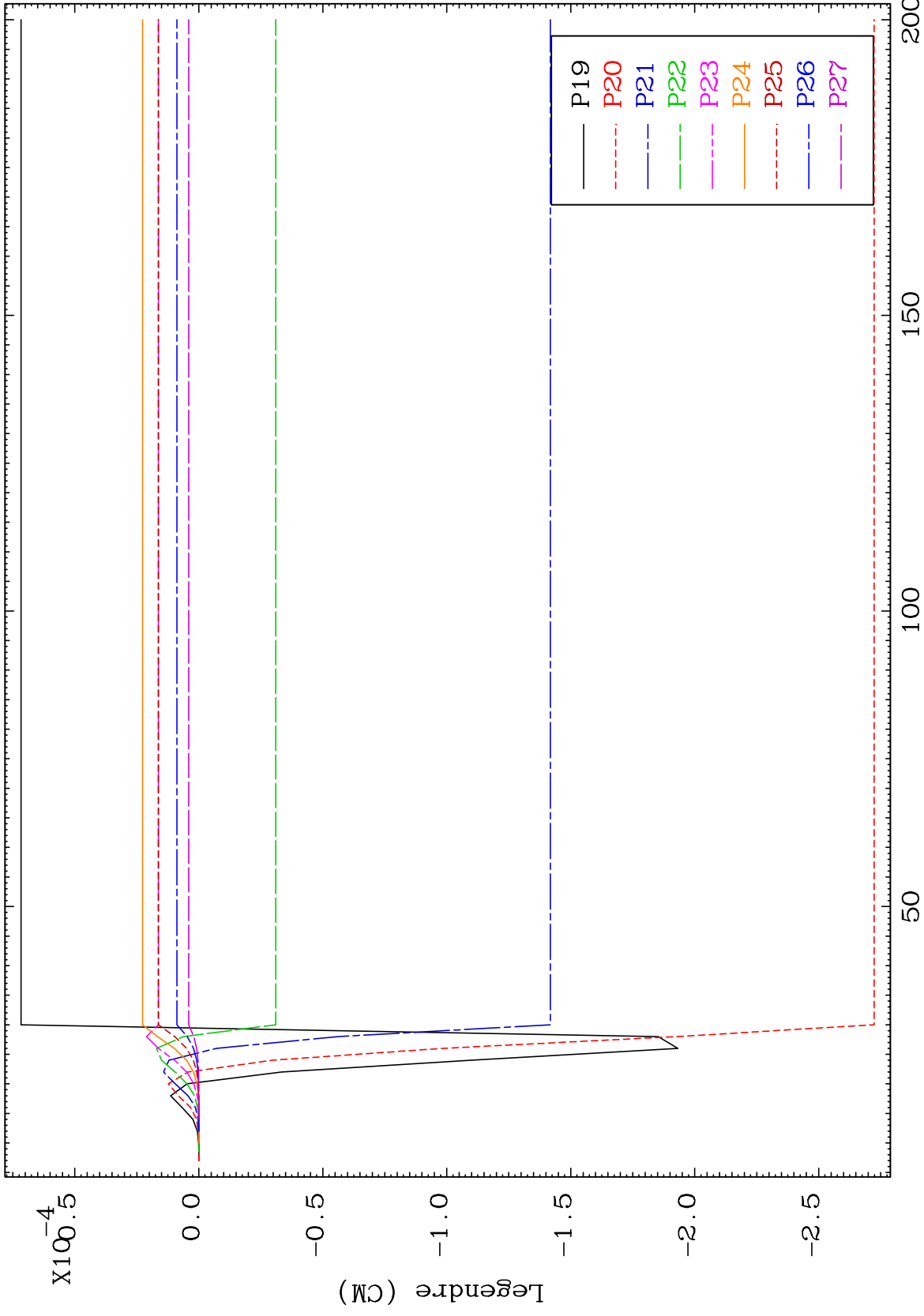
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



75

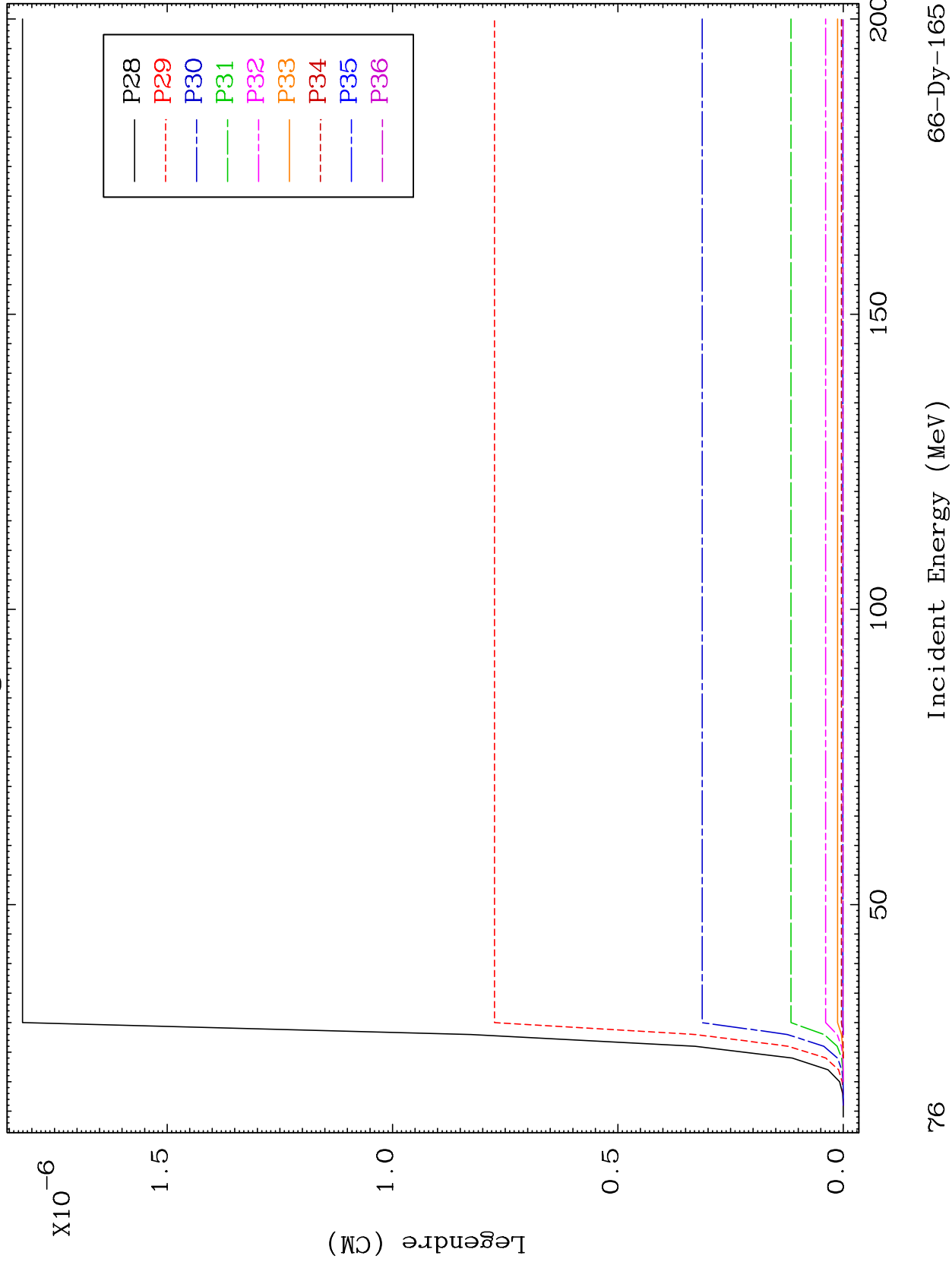
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



76

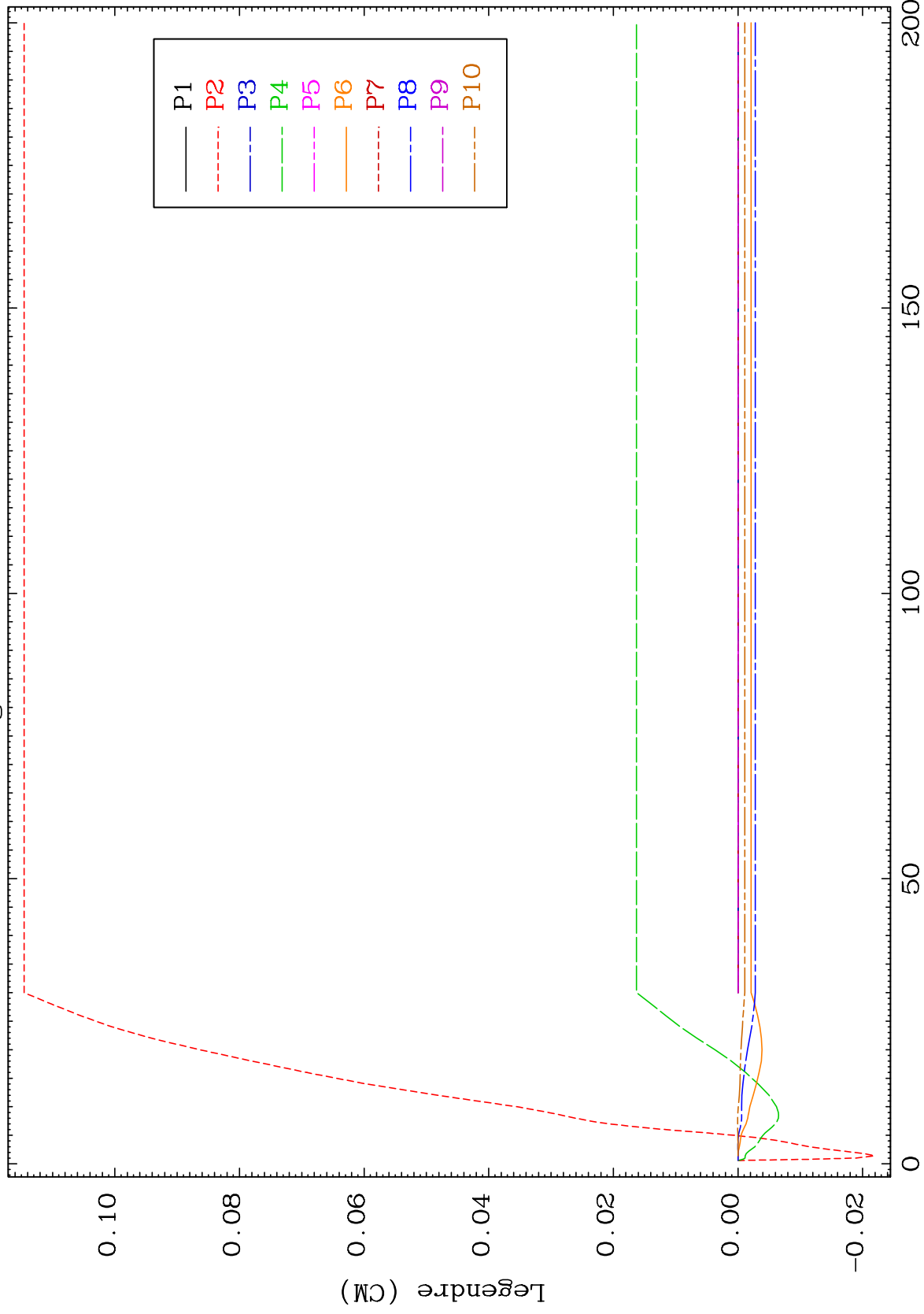
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



77

Incident Energy (MeV)

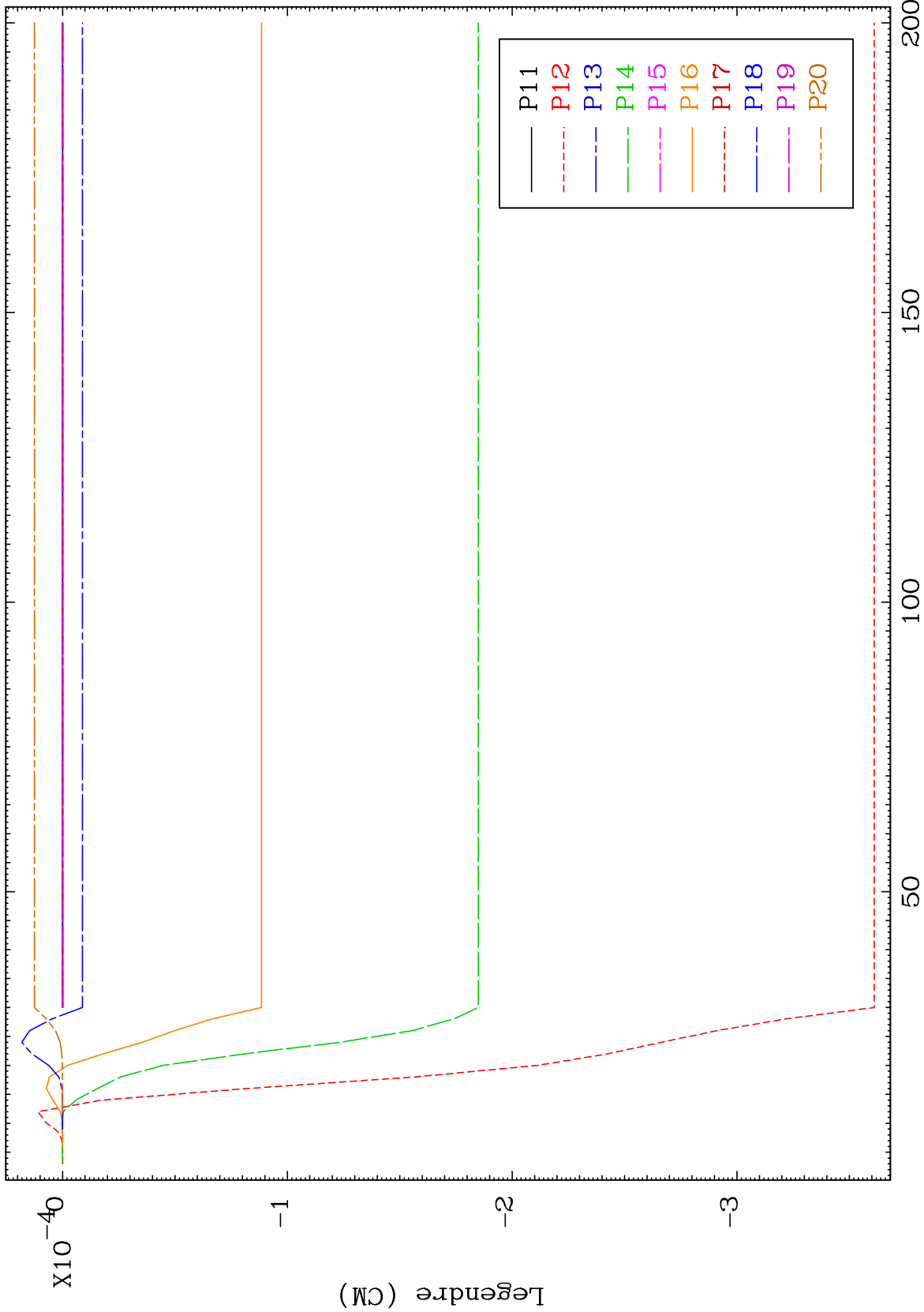
66-Dy-165

MAT 6652

MT= 67 (n,n') Level

66-Dy-165

Legendre Coefficients



78

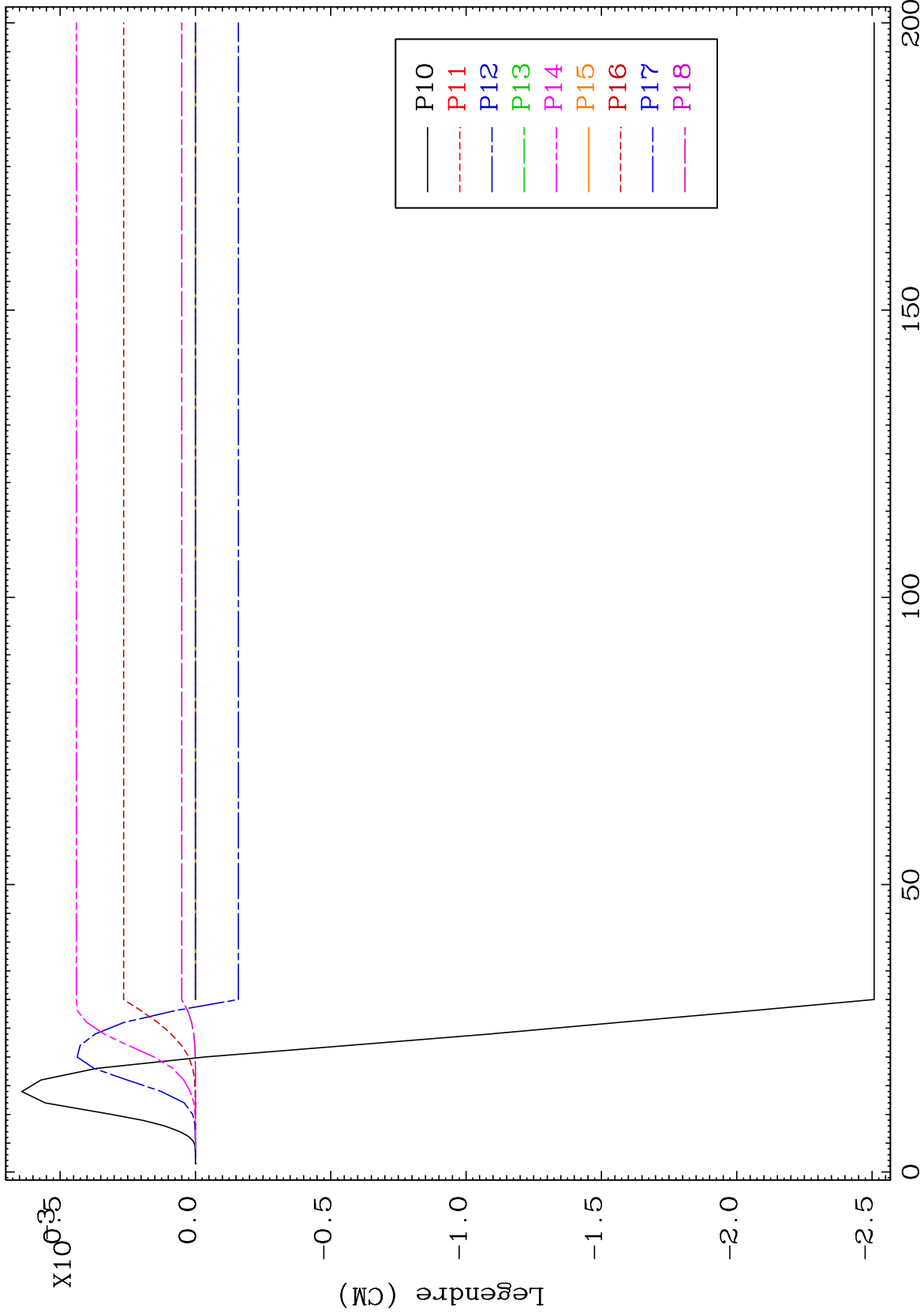
Incident Energy (MeV)

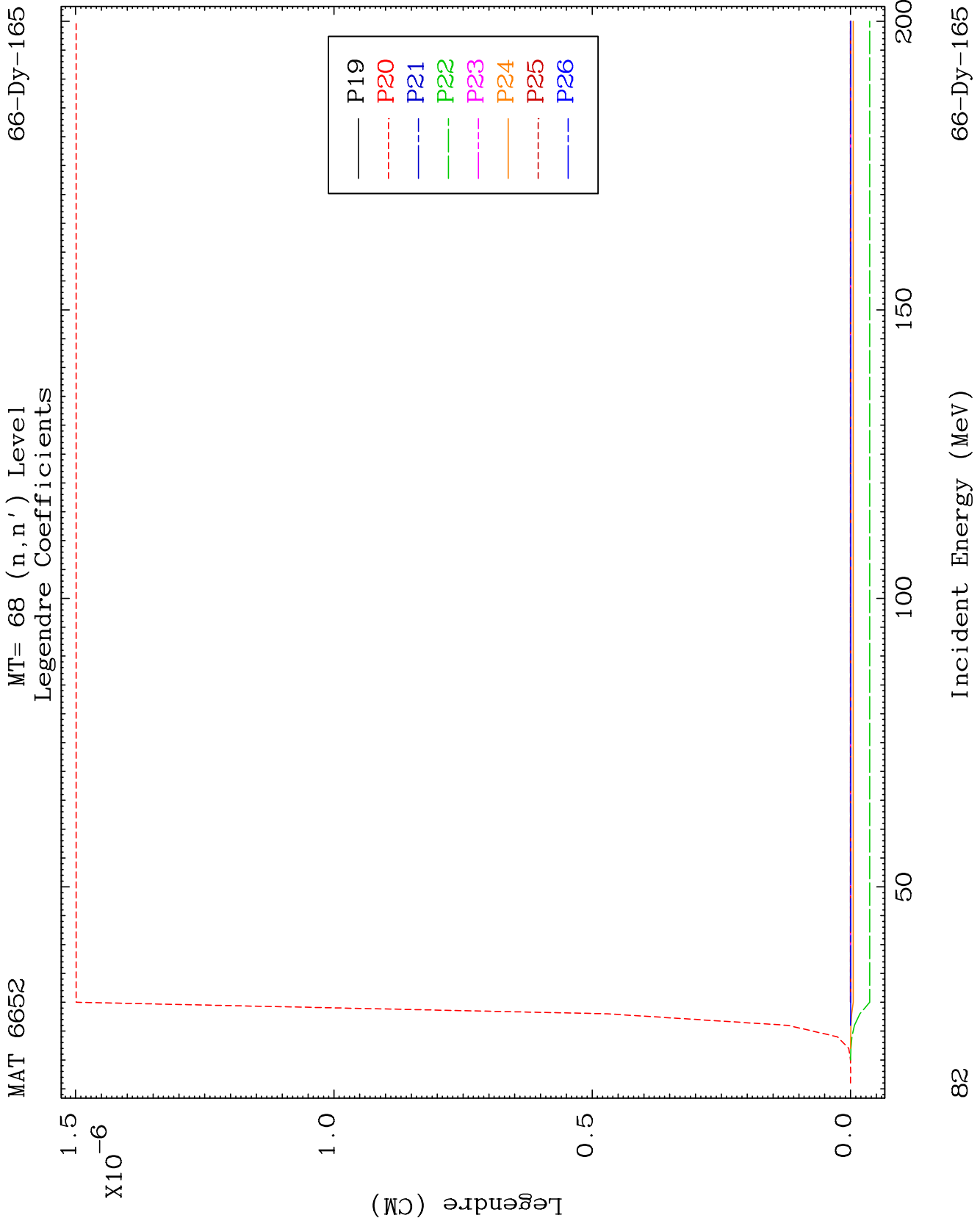
66-Dy-165

MAT 6652

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

66-Dy-165

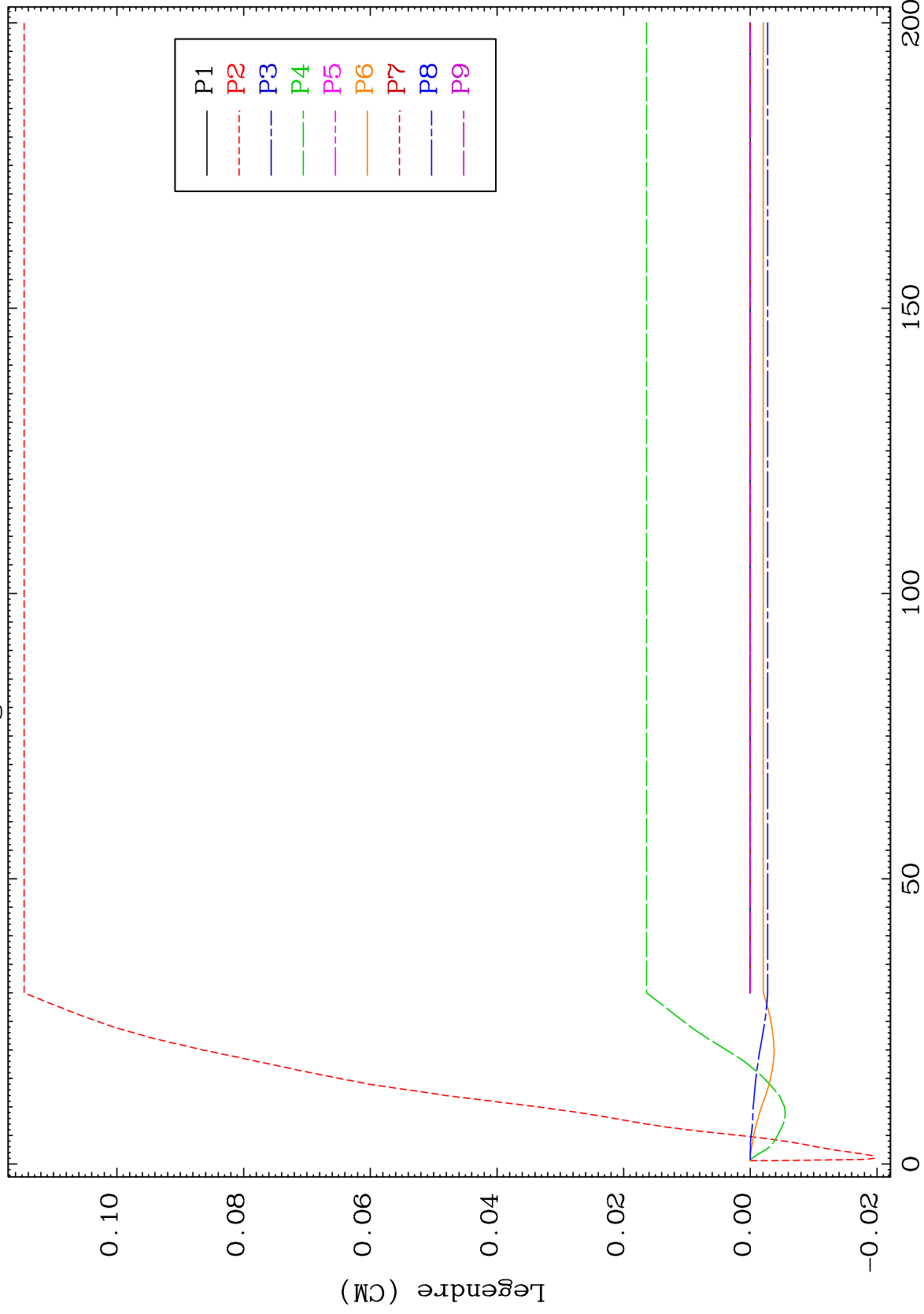




MAT 6652

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

66-Dy-165



83

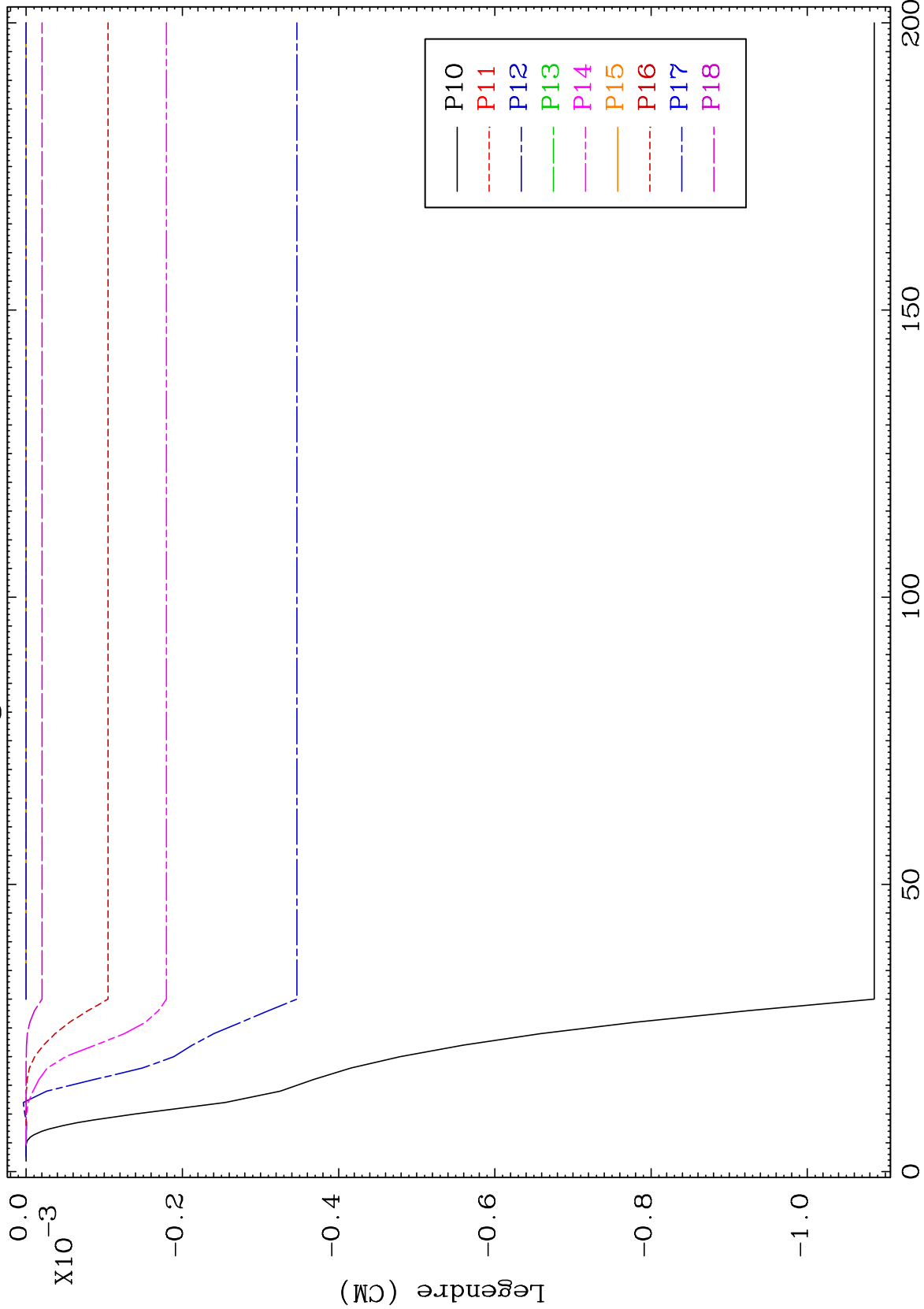
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

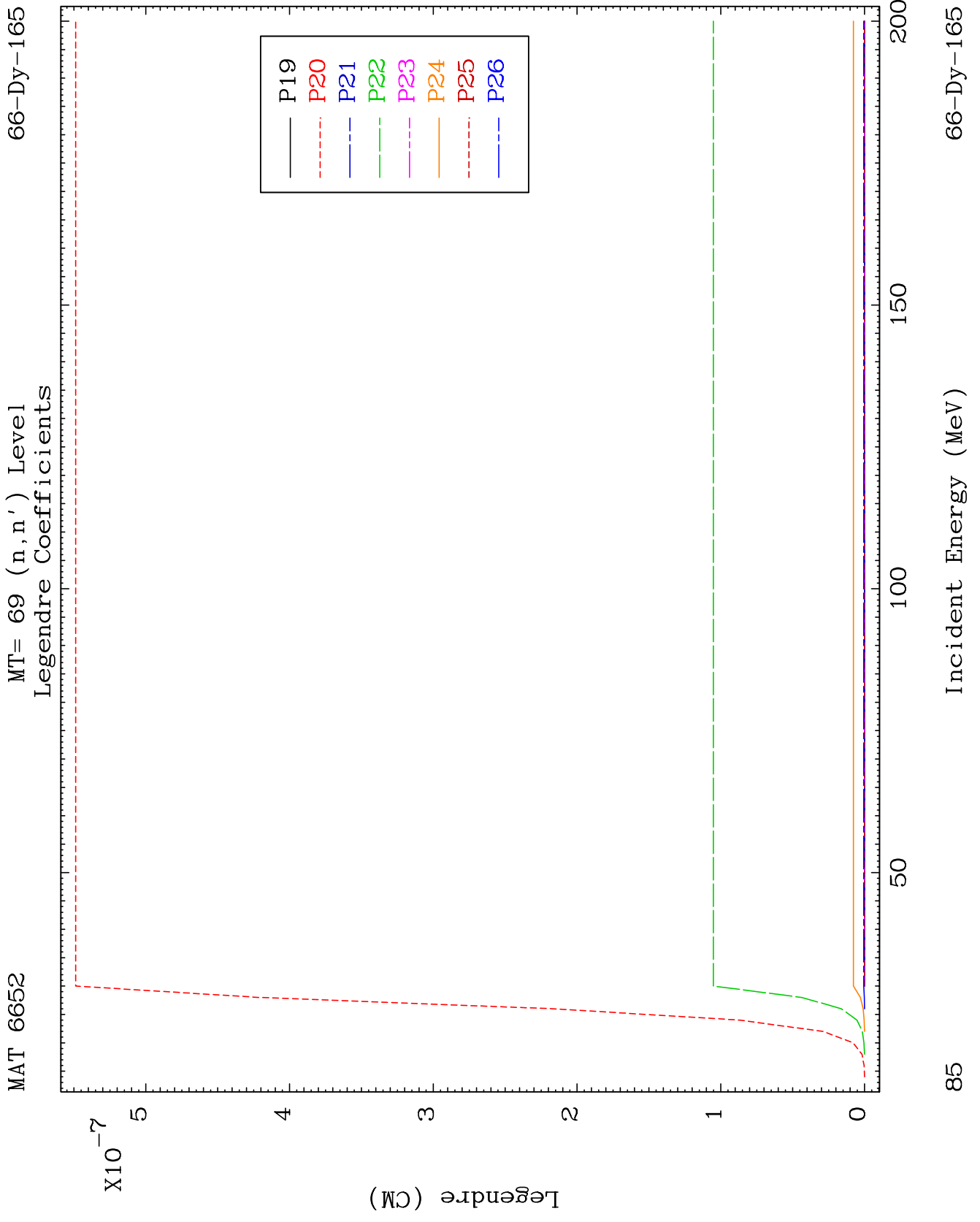
66-Dy-165



84

Incident Energy (MeV)

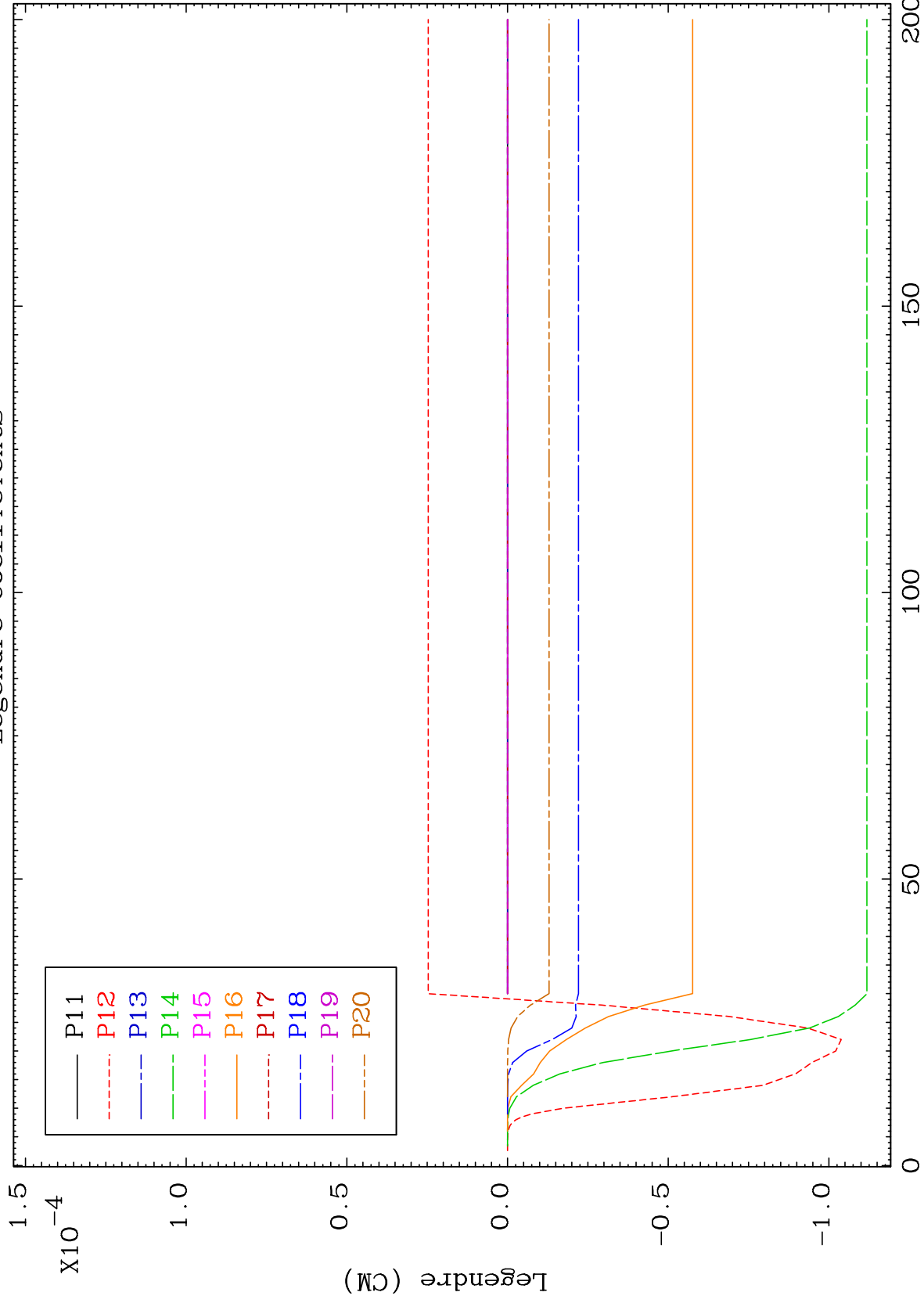
66-Dy-165



MAT 6652

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

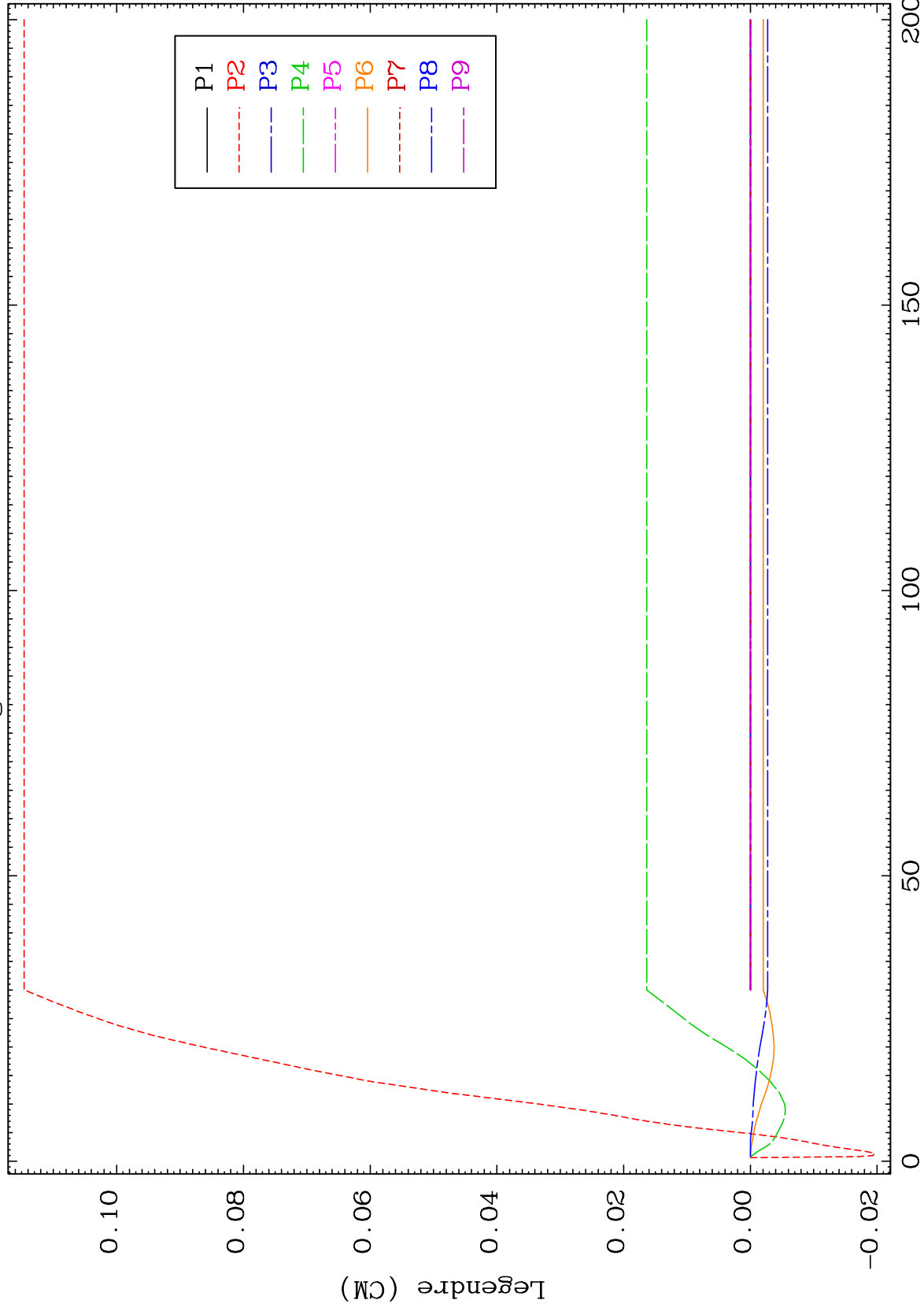
66-Dy-165



MAT 6652

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

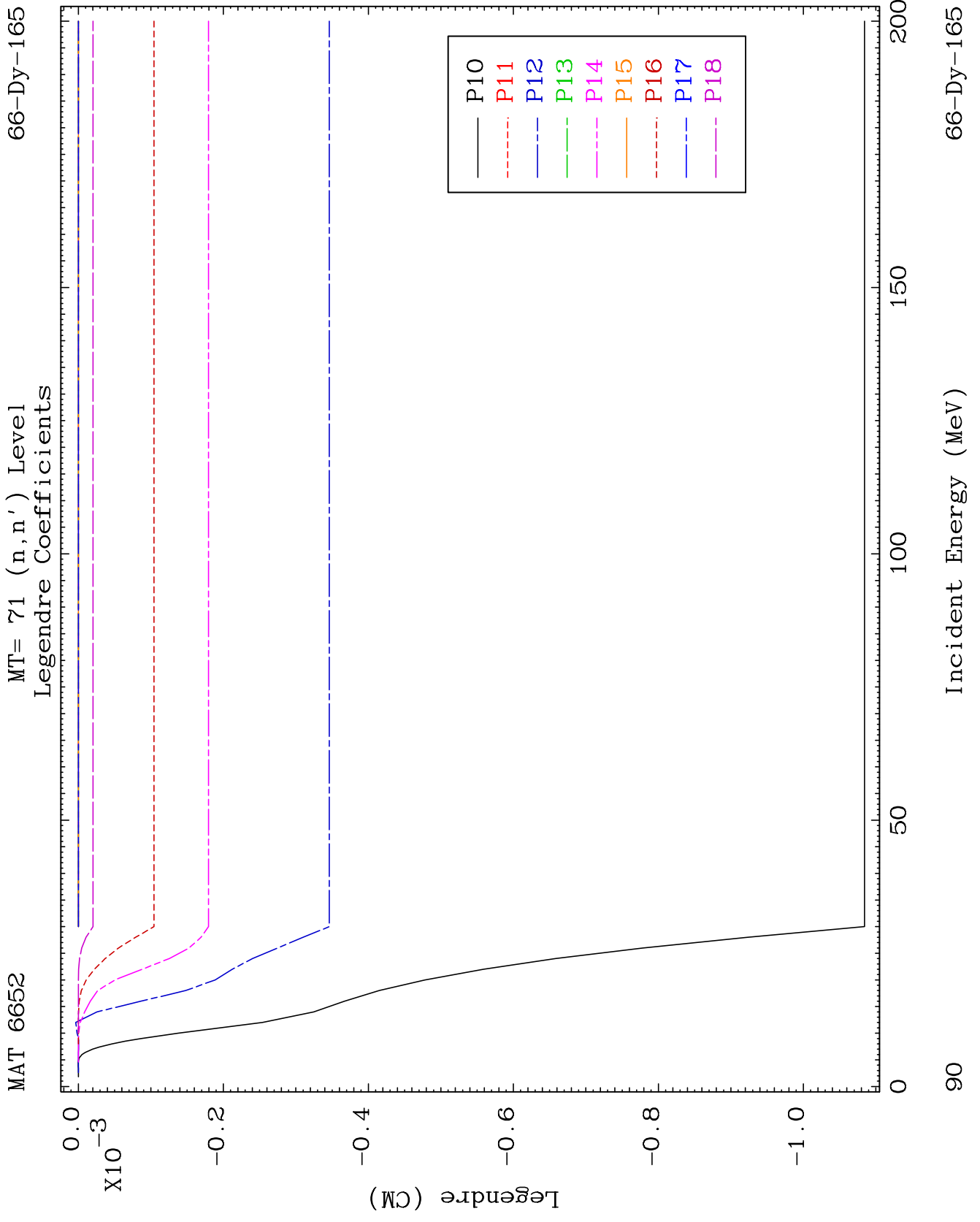
66-Dy-165

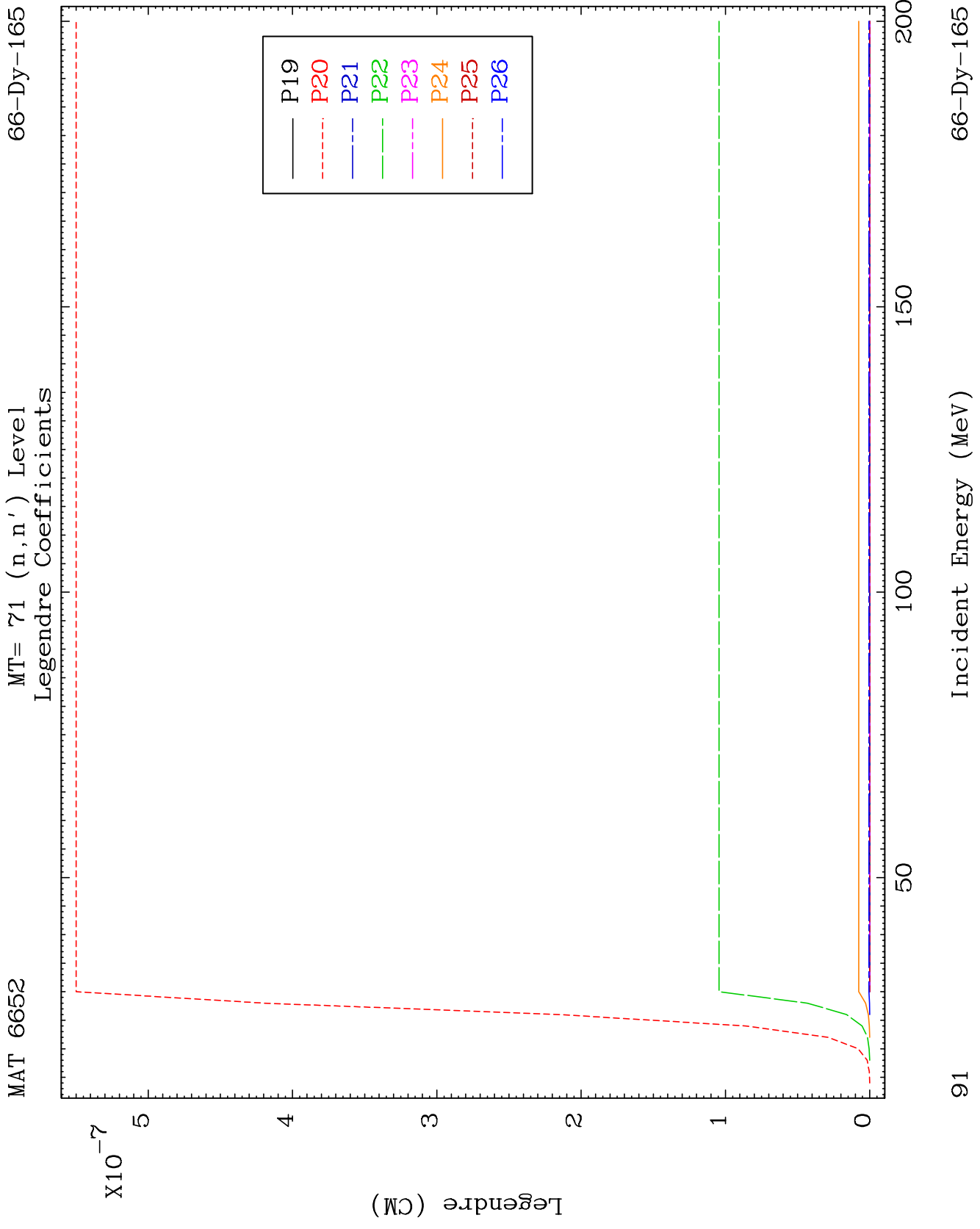


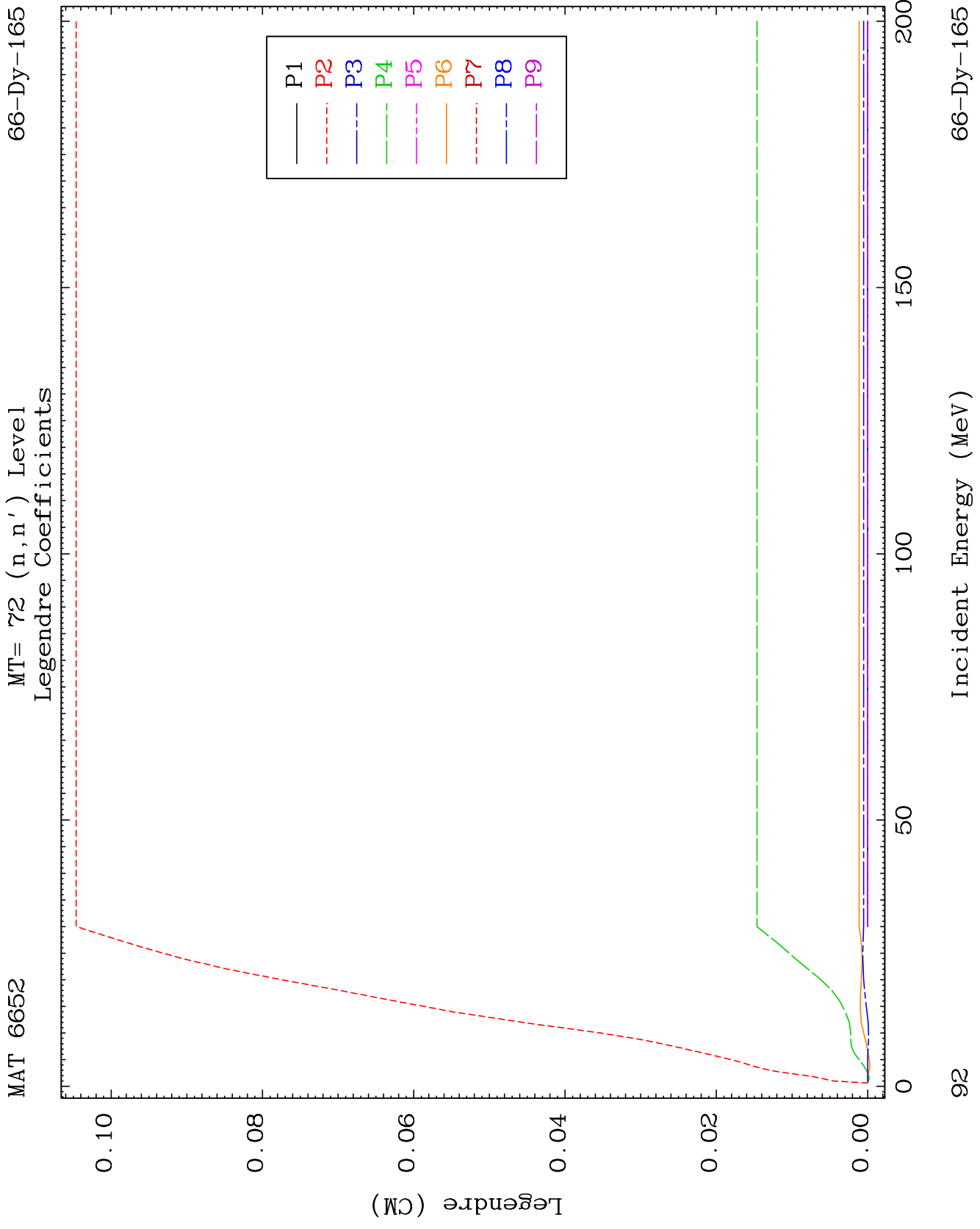
89

Incident Energy (MeV)

66-Dy-165



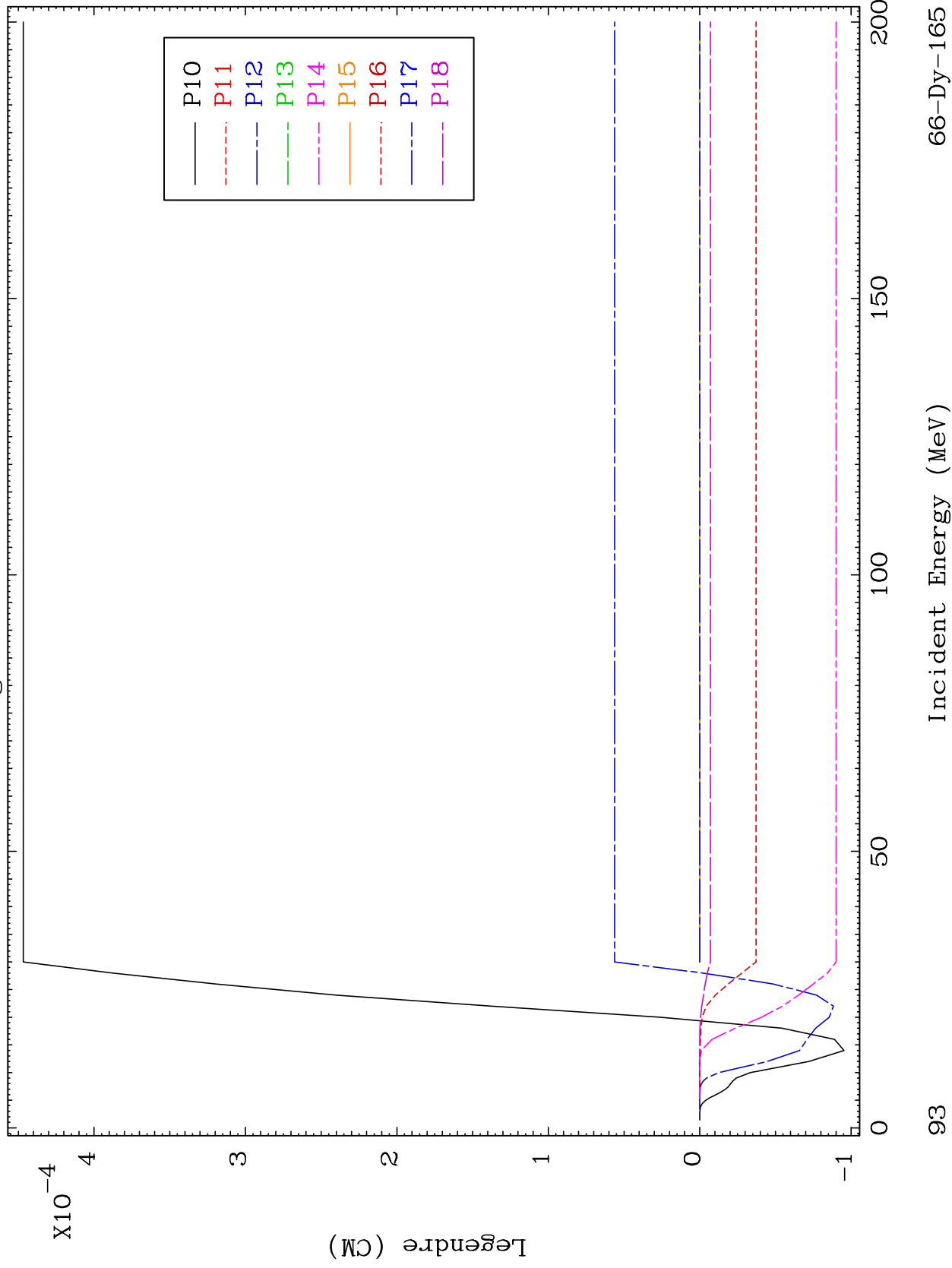




MAT 6652

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

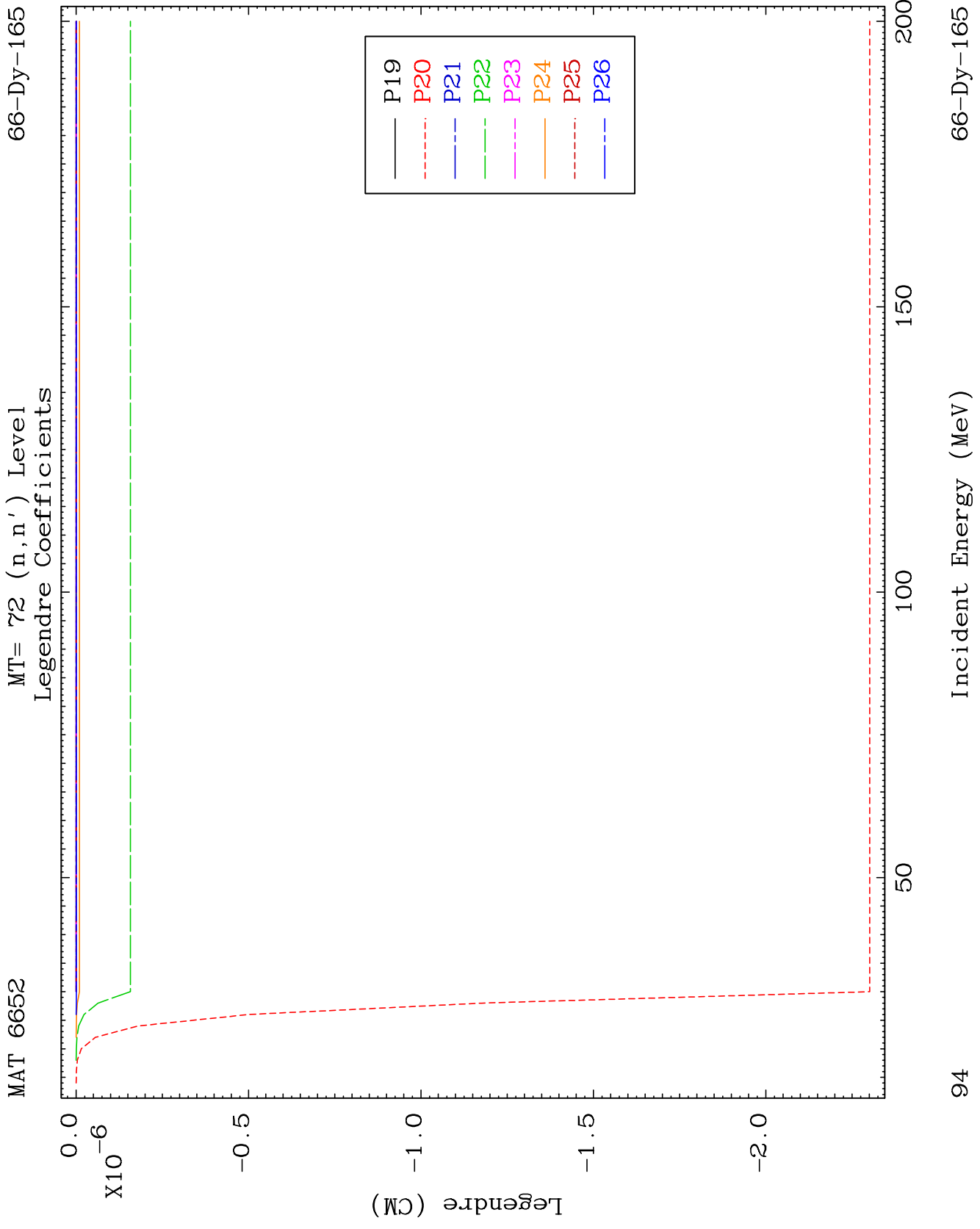
66-Dy-165

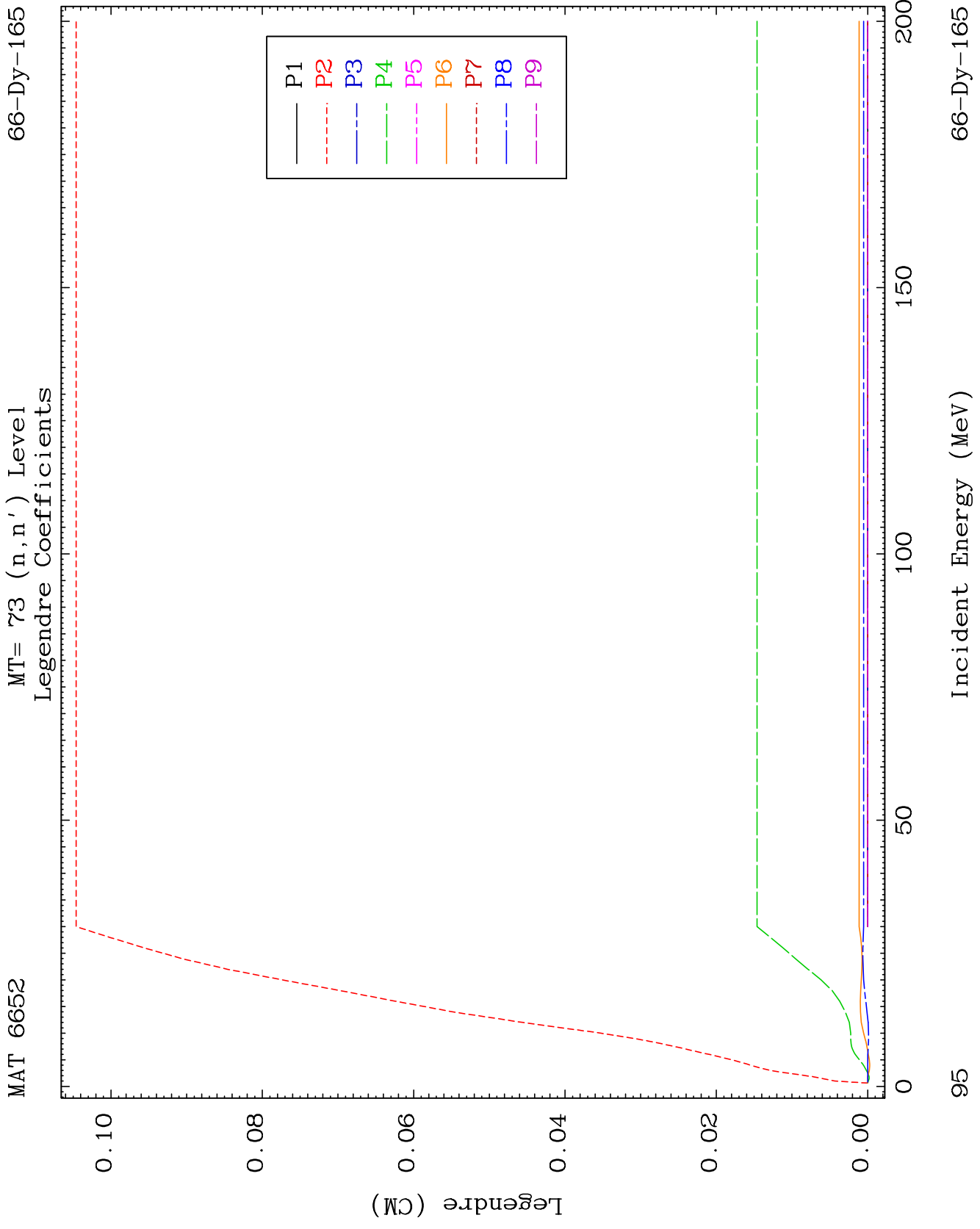


93

Incident Energy (MeV)

66-Dy-165

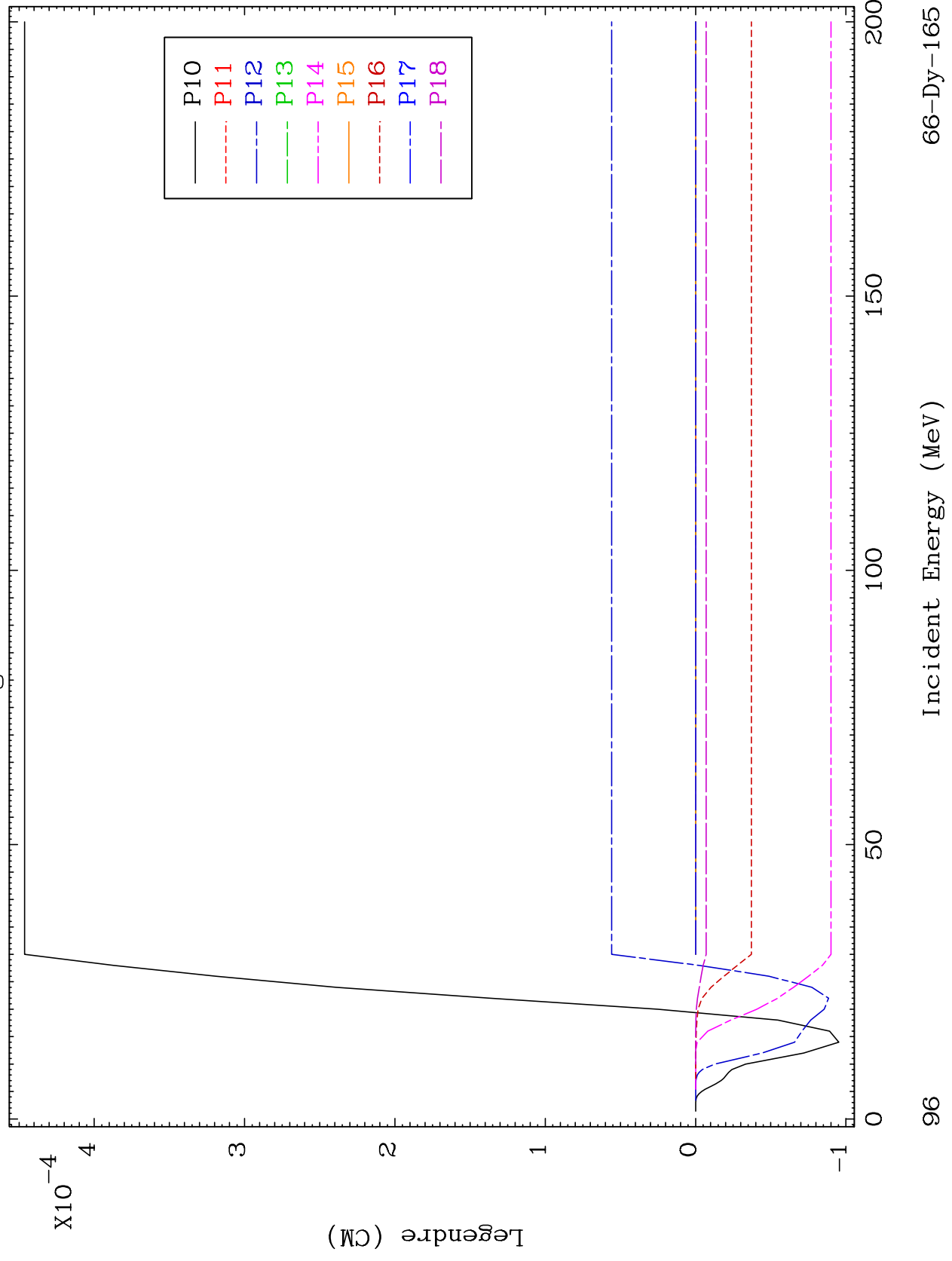




MAT 6652

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

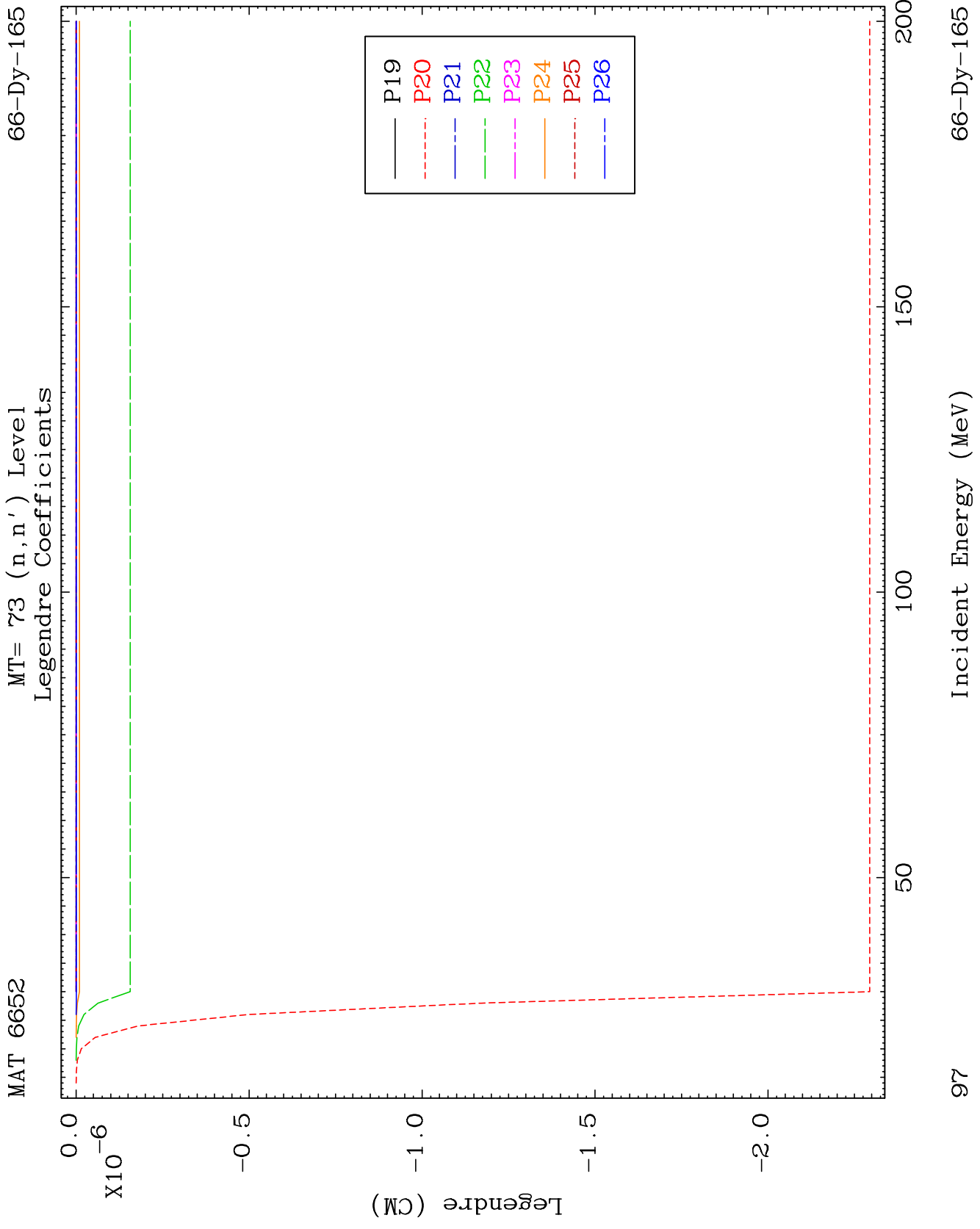
66-Dy-165

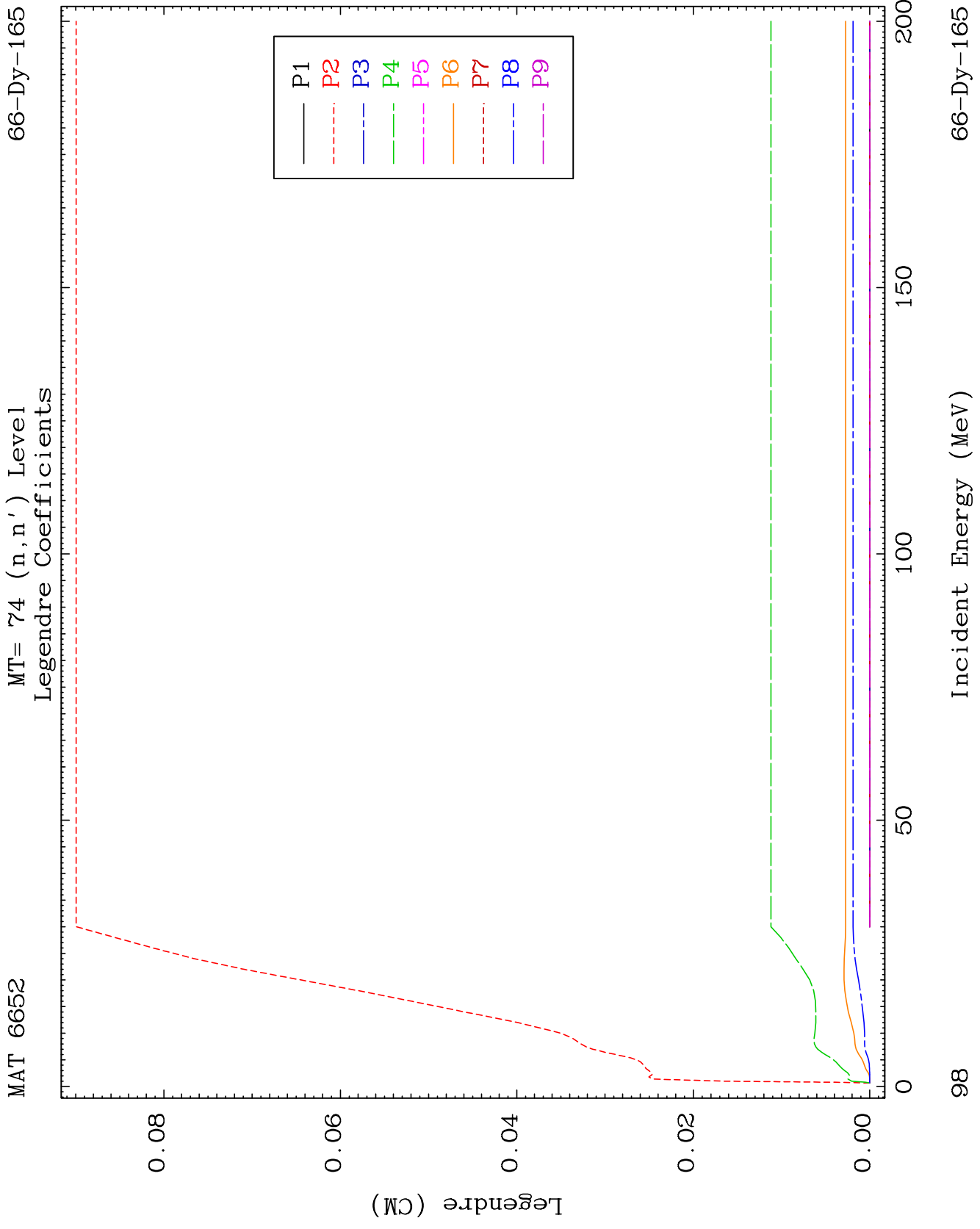


66-Dy-165

Incident Energy (MeV)

96

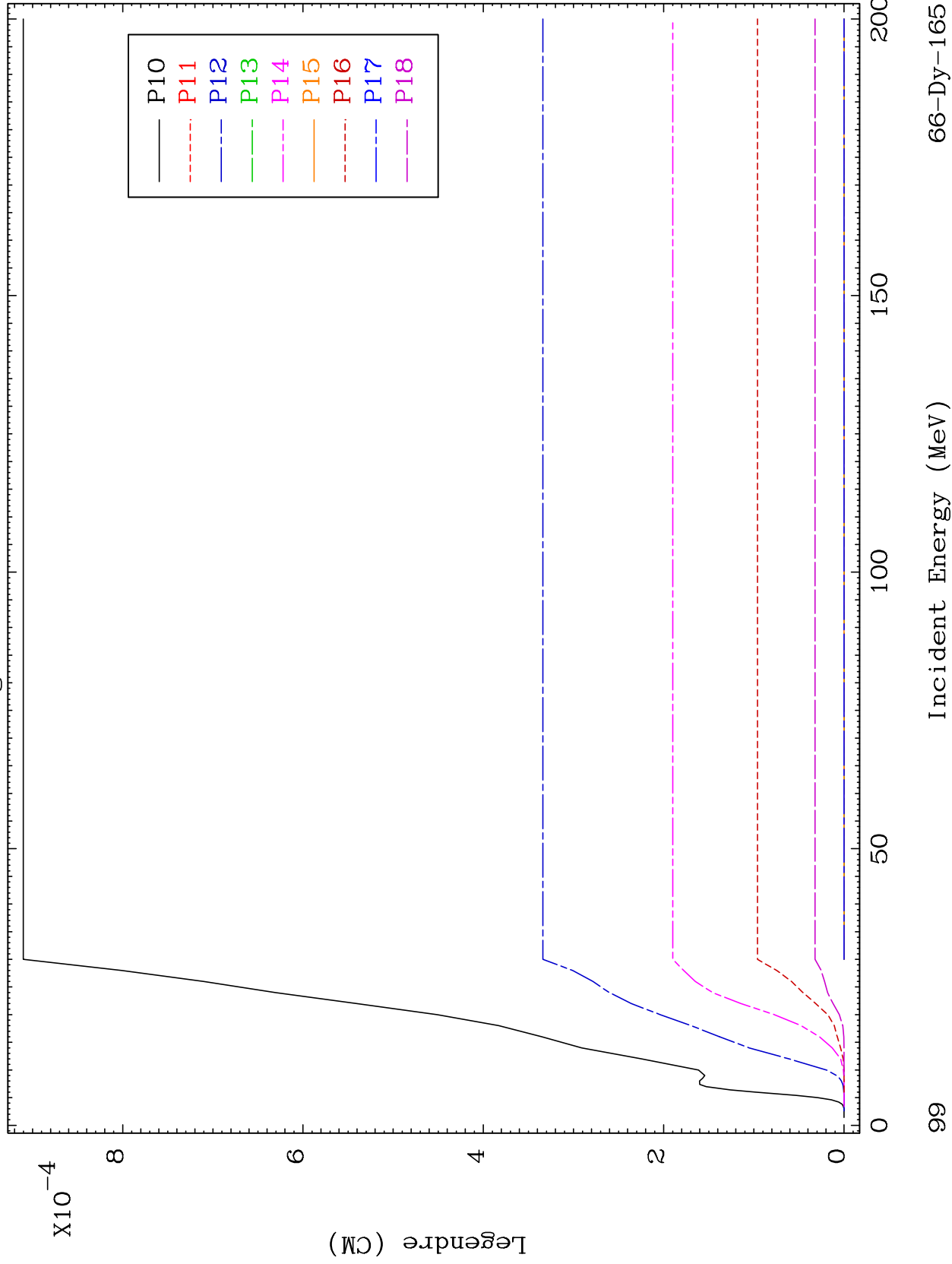


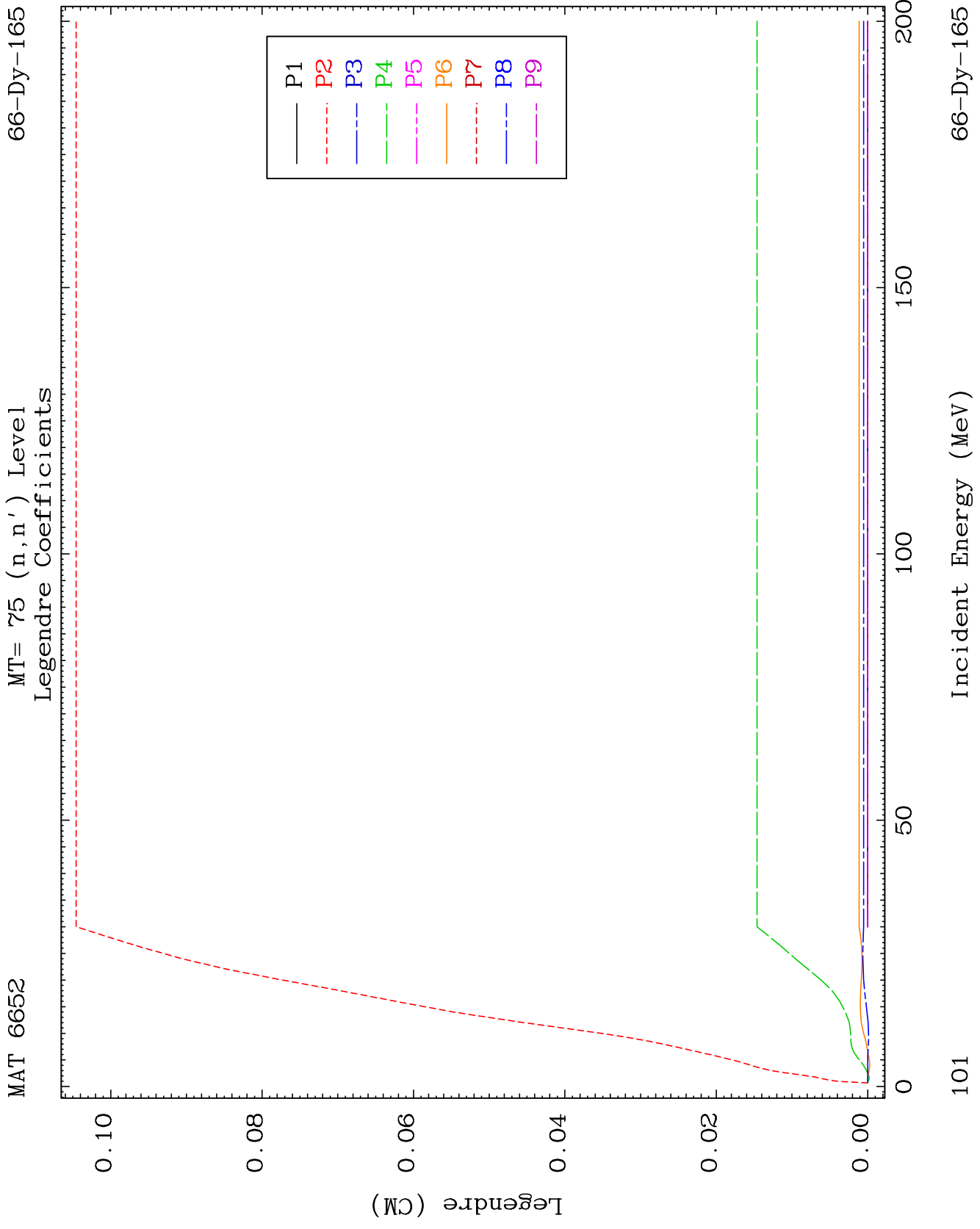


MAT 6652

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

66-Dy-165

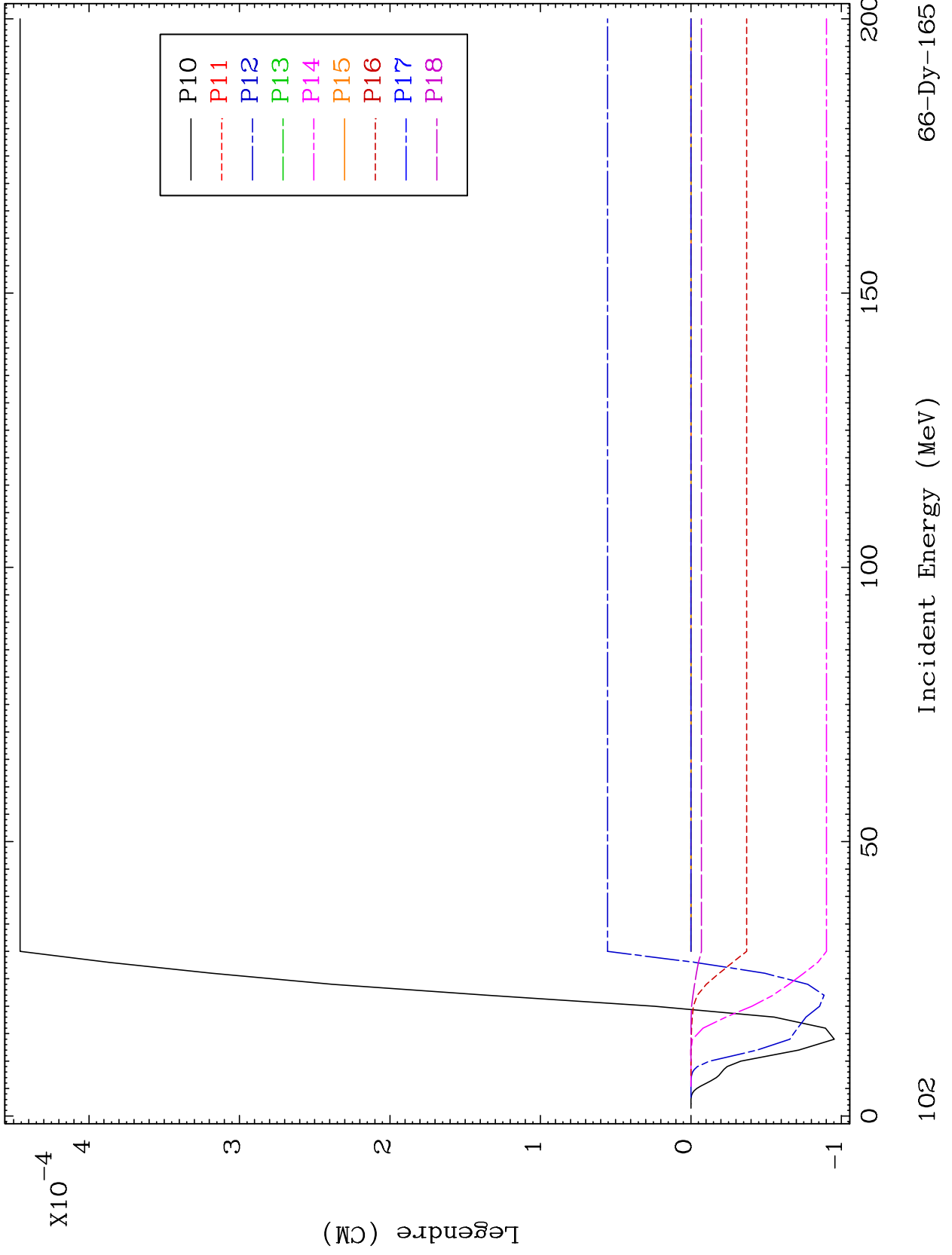


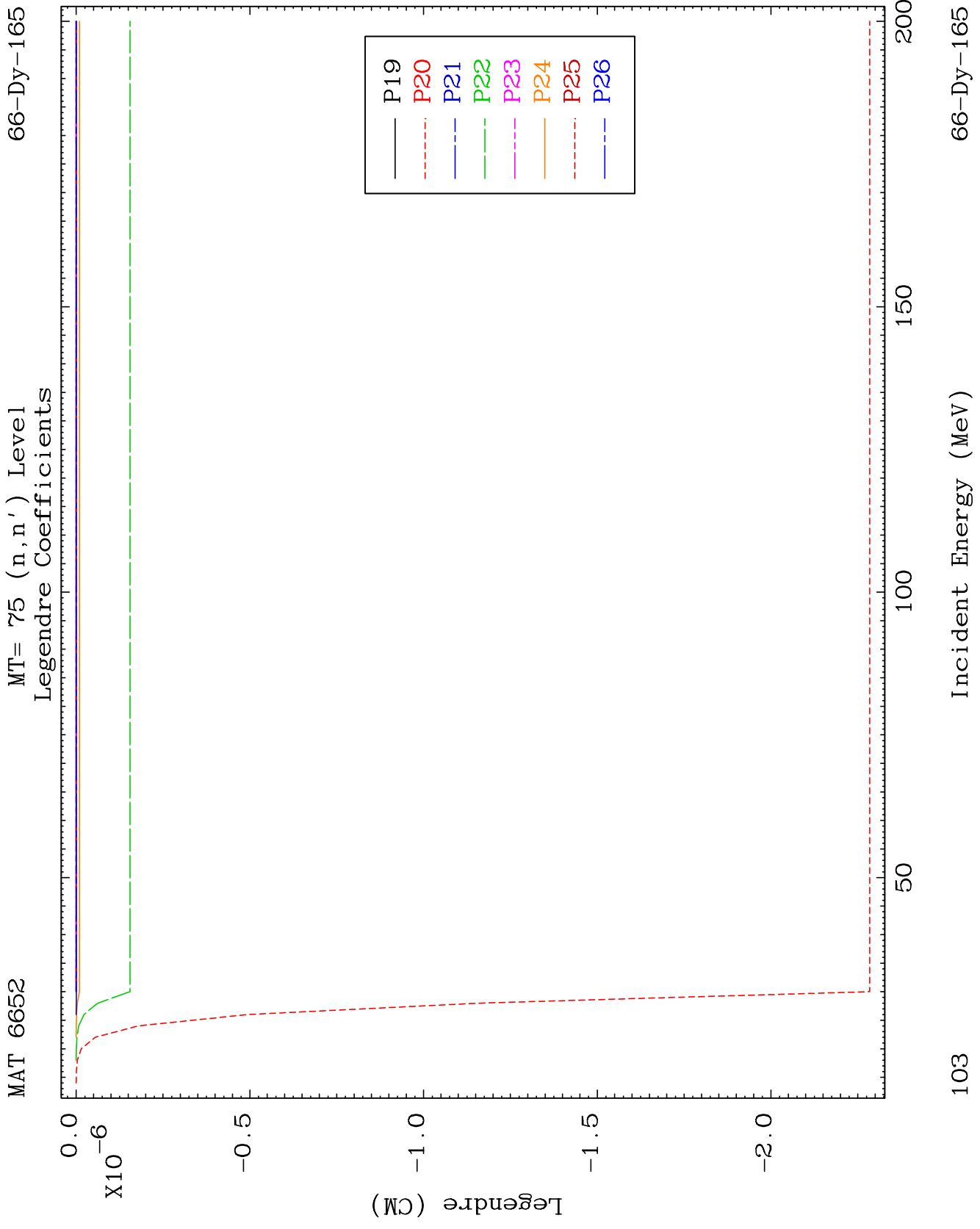


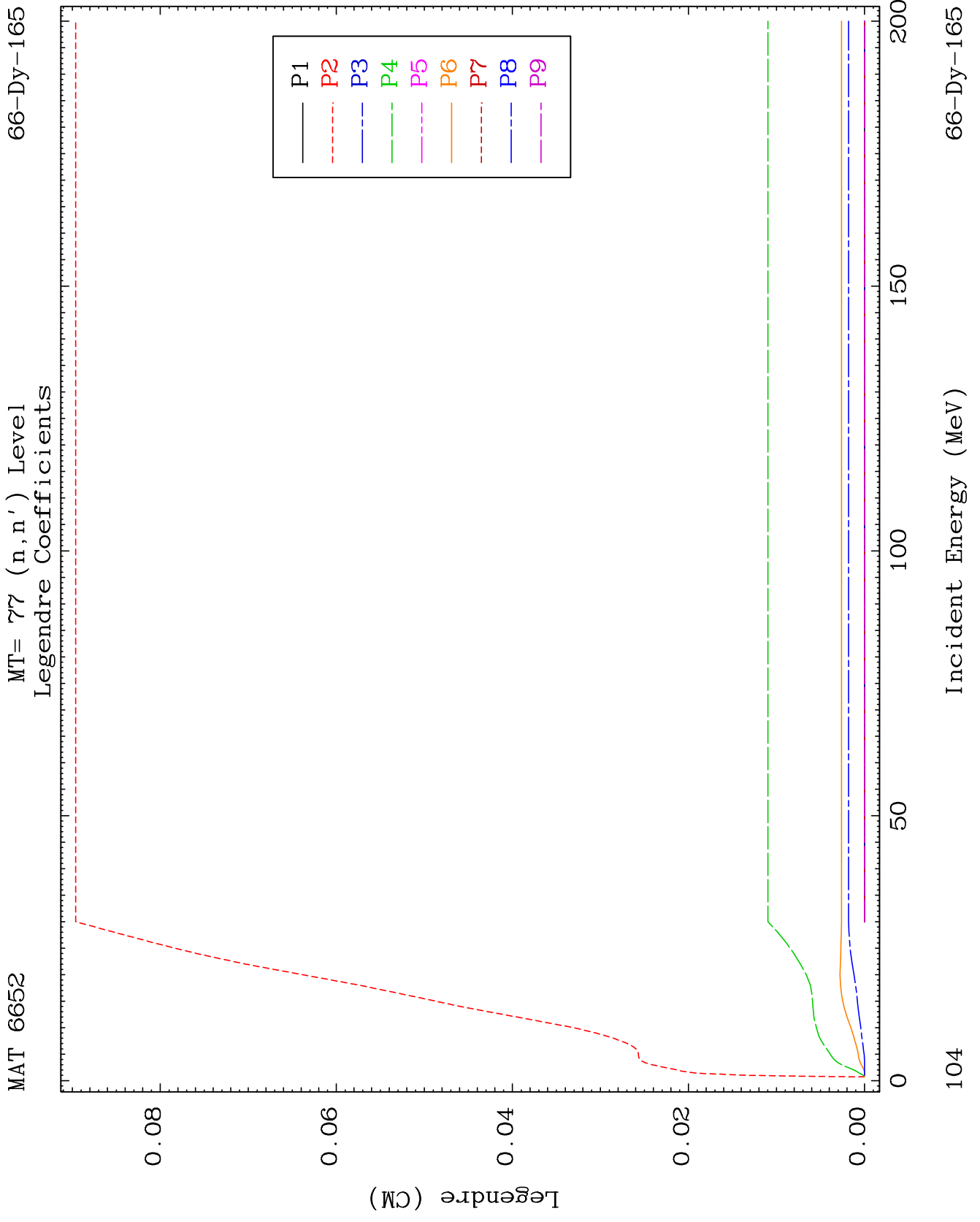
MAT 6652

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

66-Dy-165



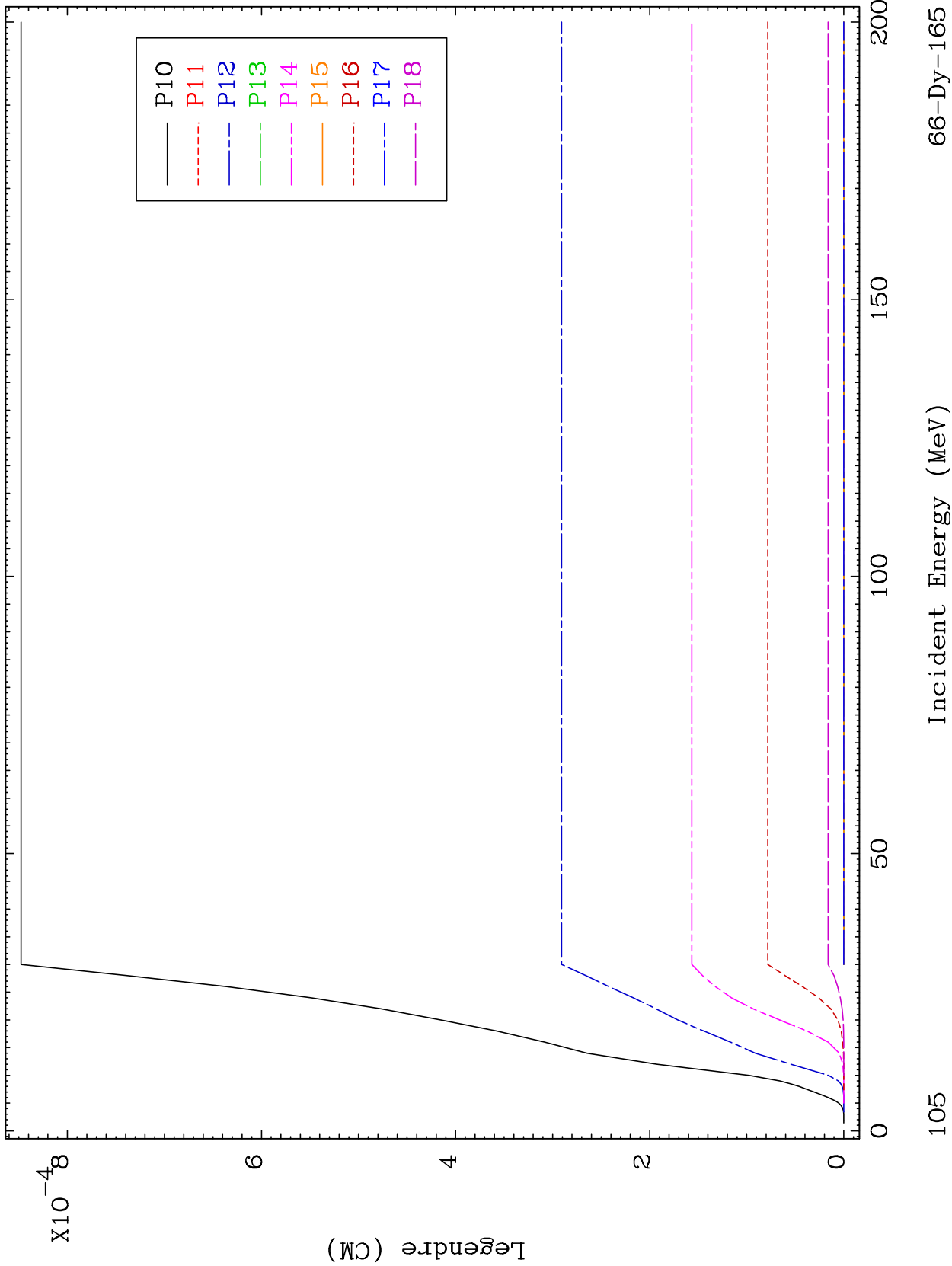




MAT 6652

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

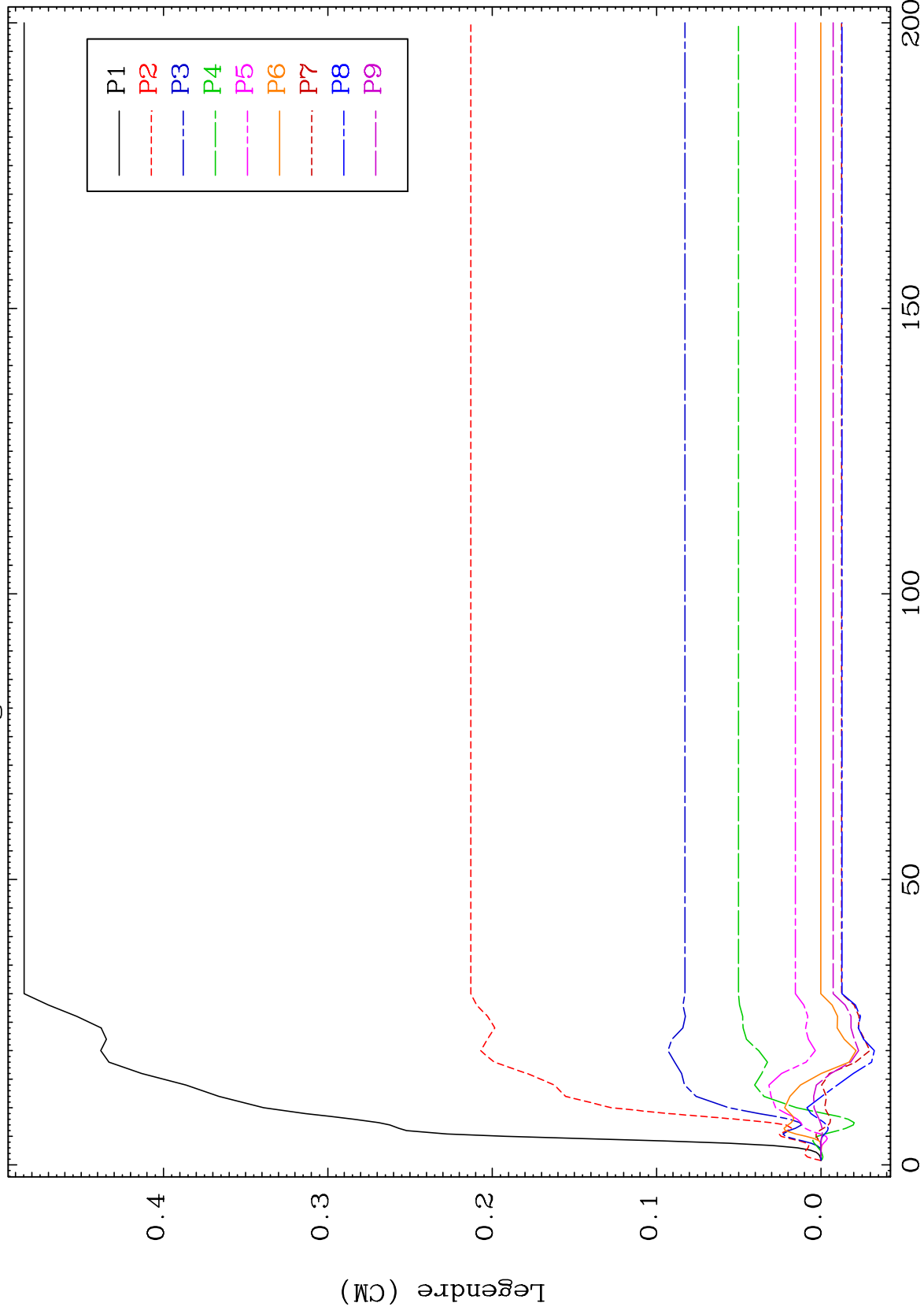
66-Dy-165



MAT 6652

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

66-Dy-165



107

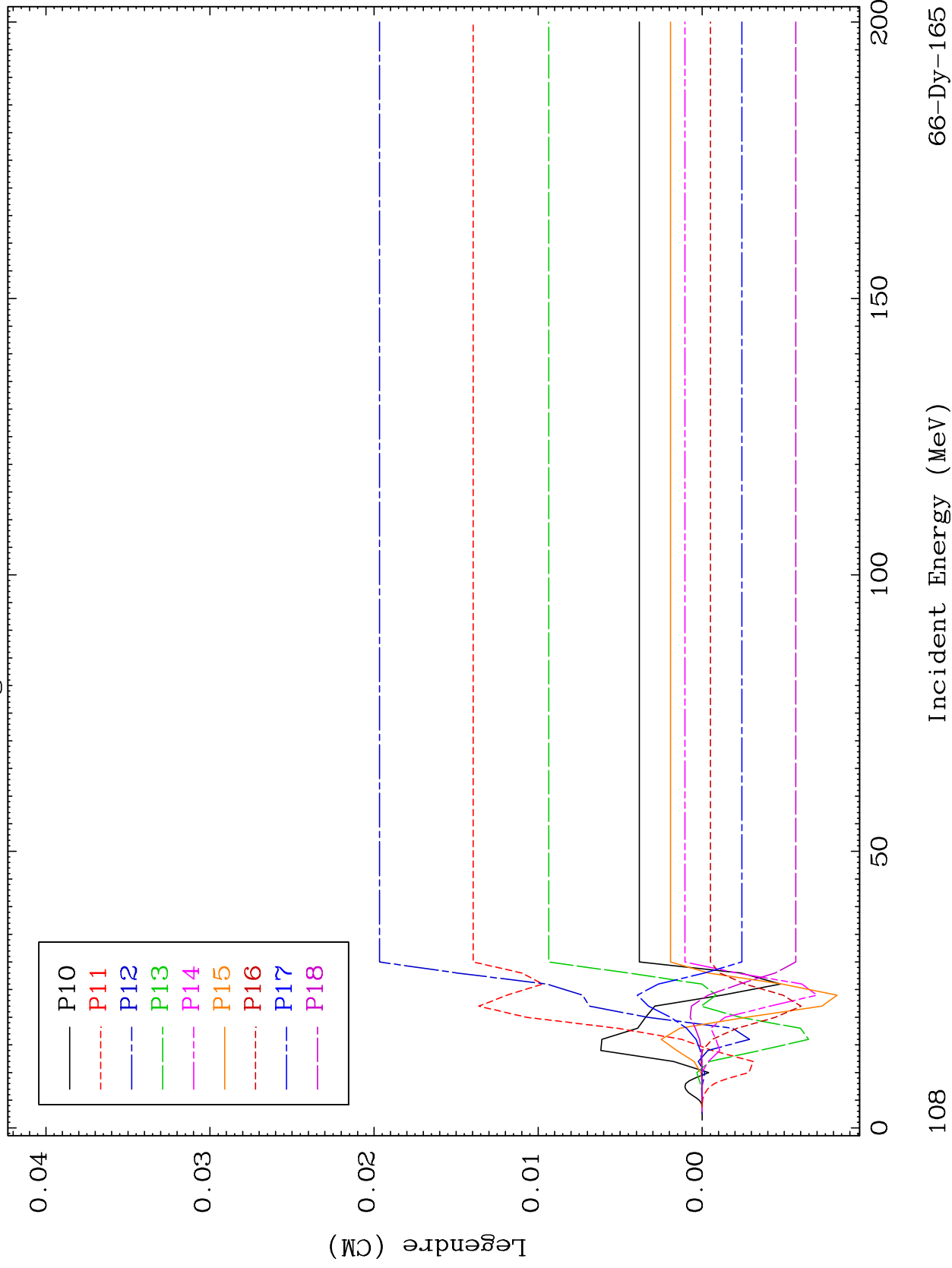
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



66-Dy-165

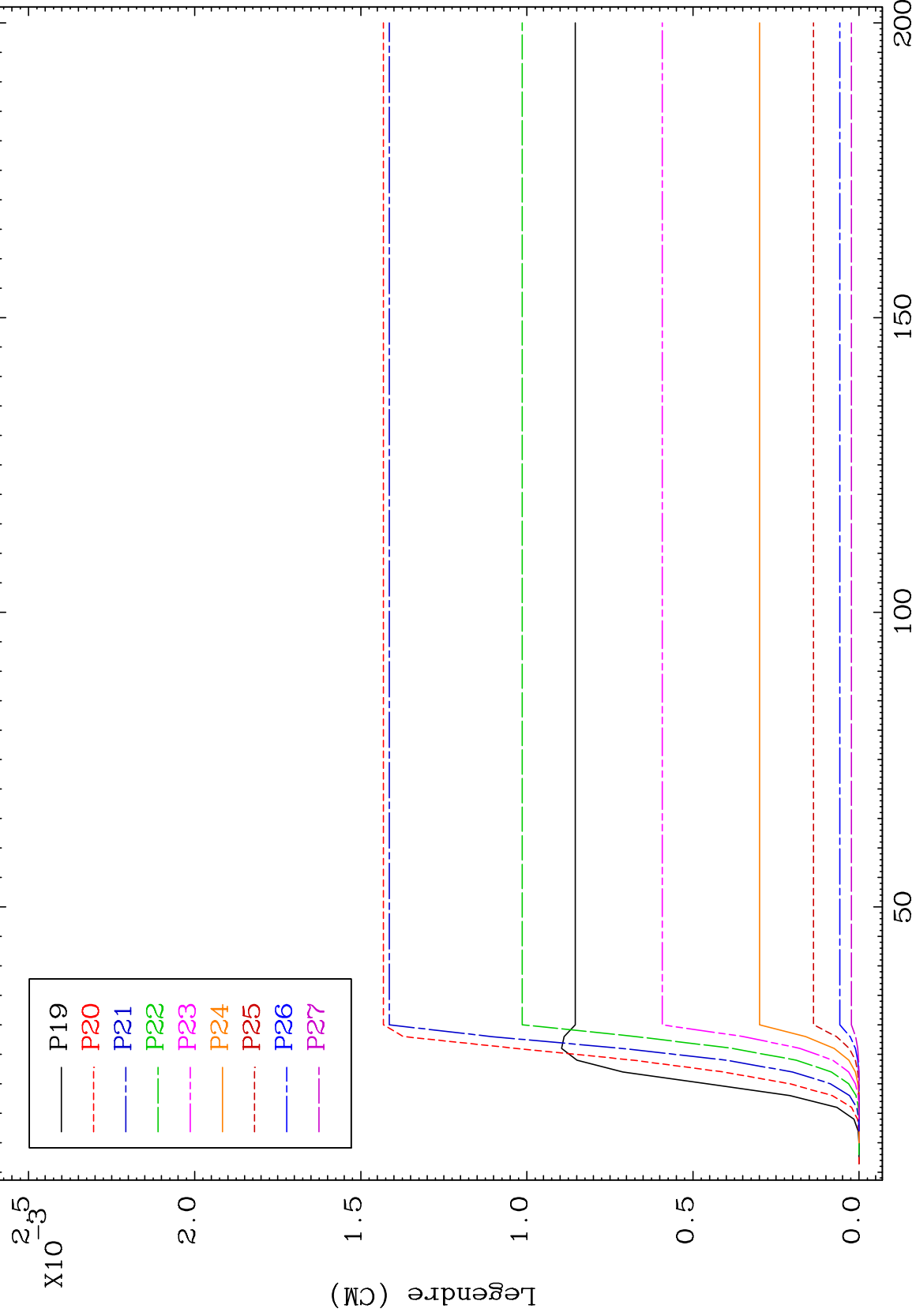
Incident Energy (MeV)

108

MAT 6652

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

66-Dy-165



109

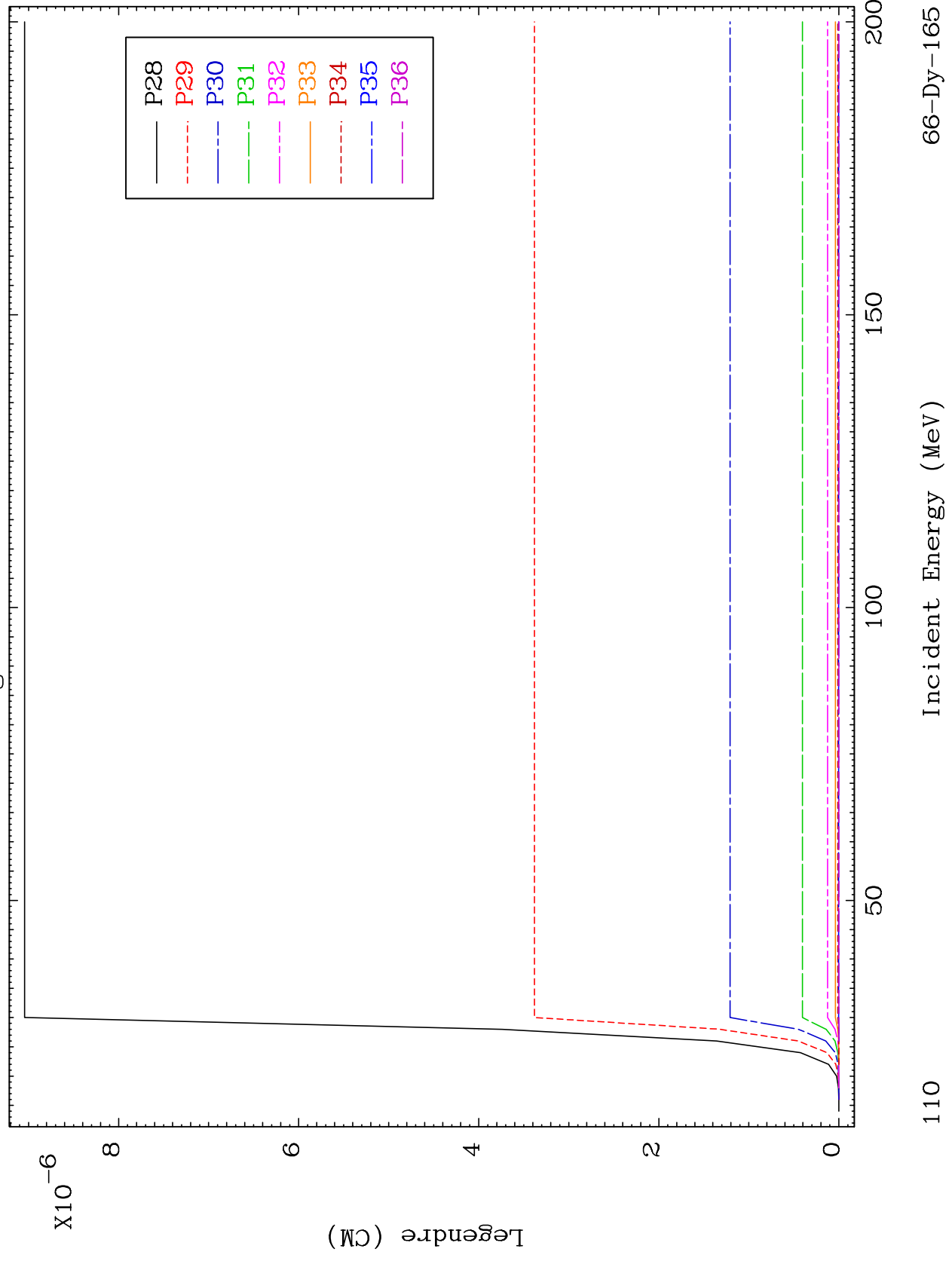
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



66-Dy-165

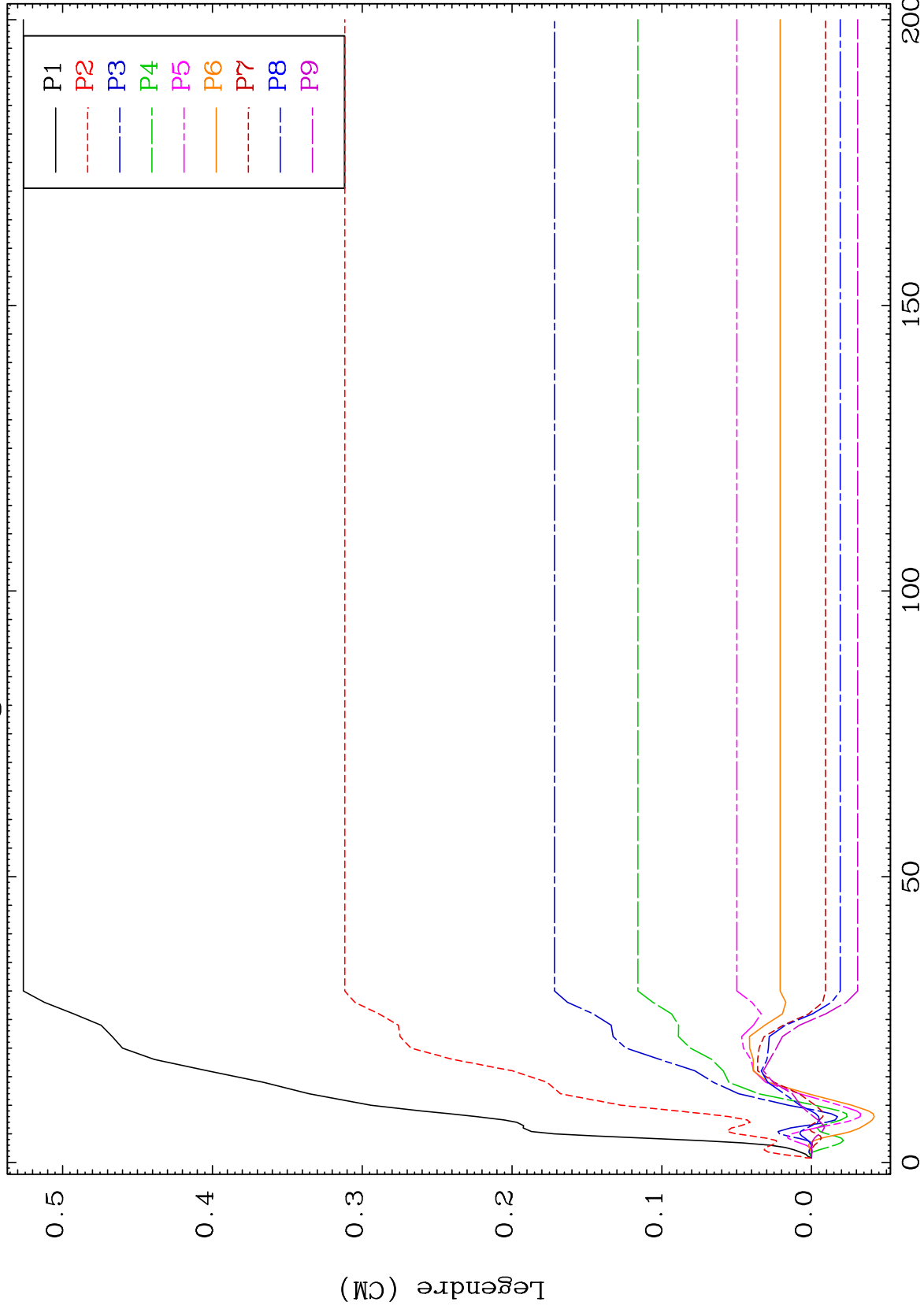
Incident Energy (MeV)

110

MAT 6652

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

66-Dy-165



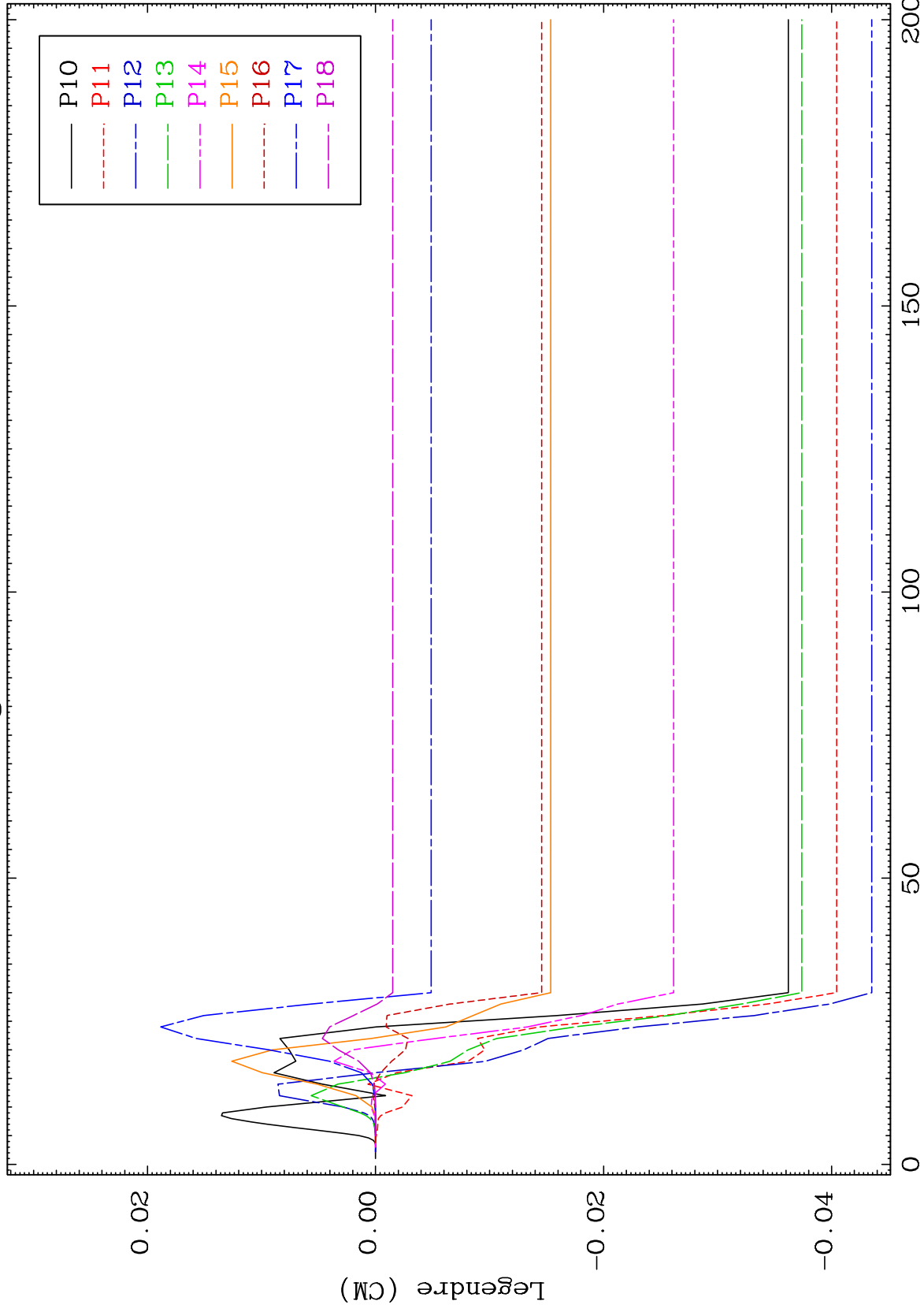
111

66-Dy-165

MAT 6652

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

66-Dy-165



112

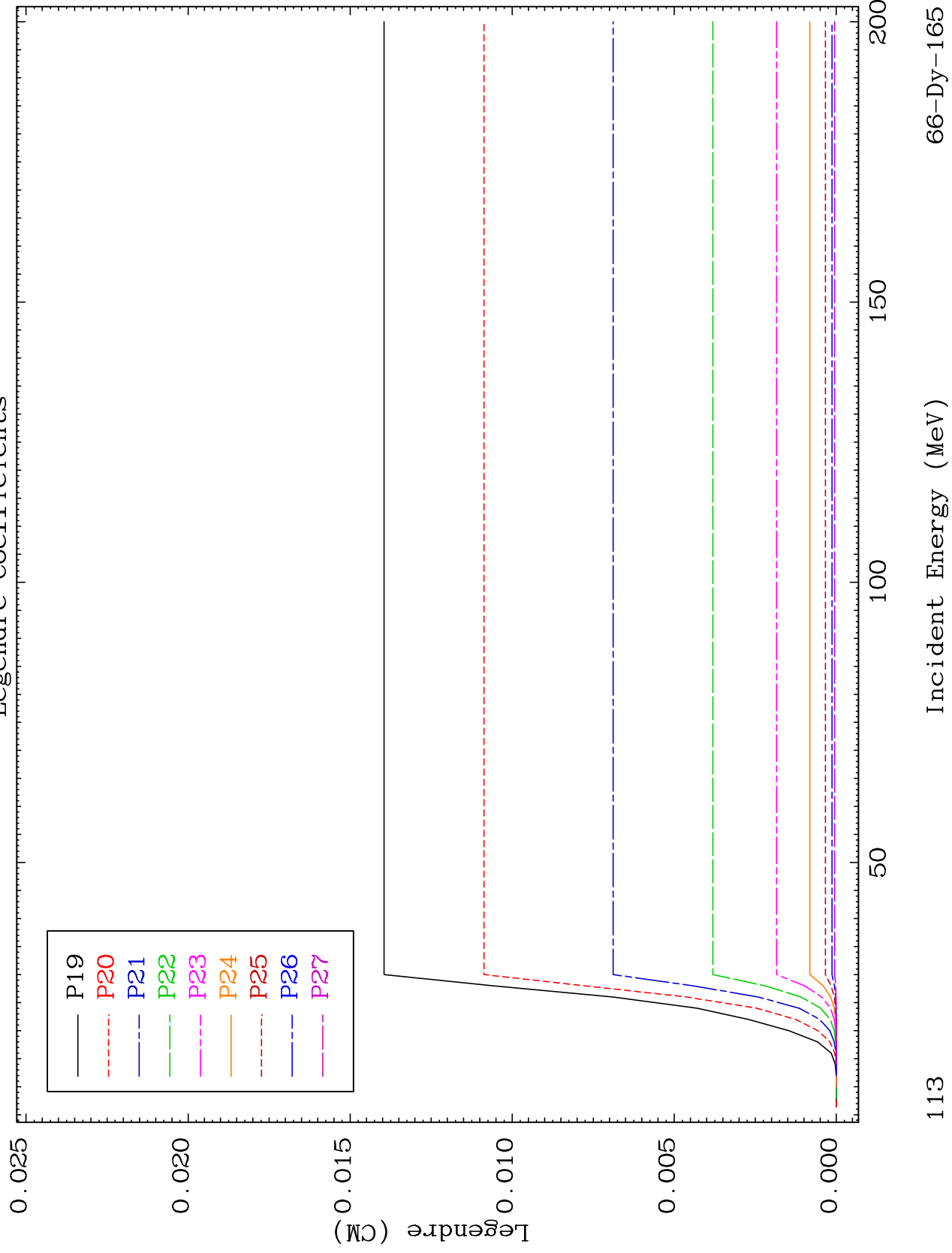
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



113

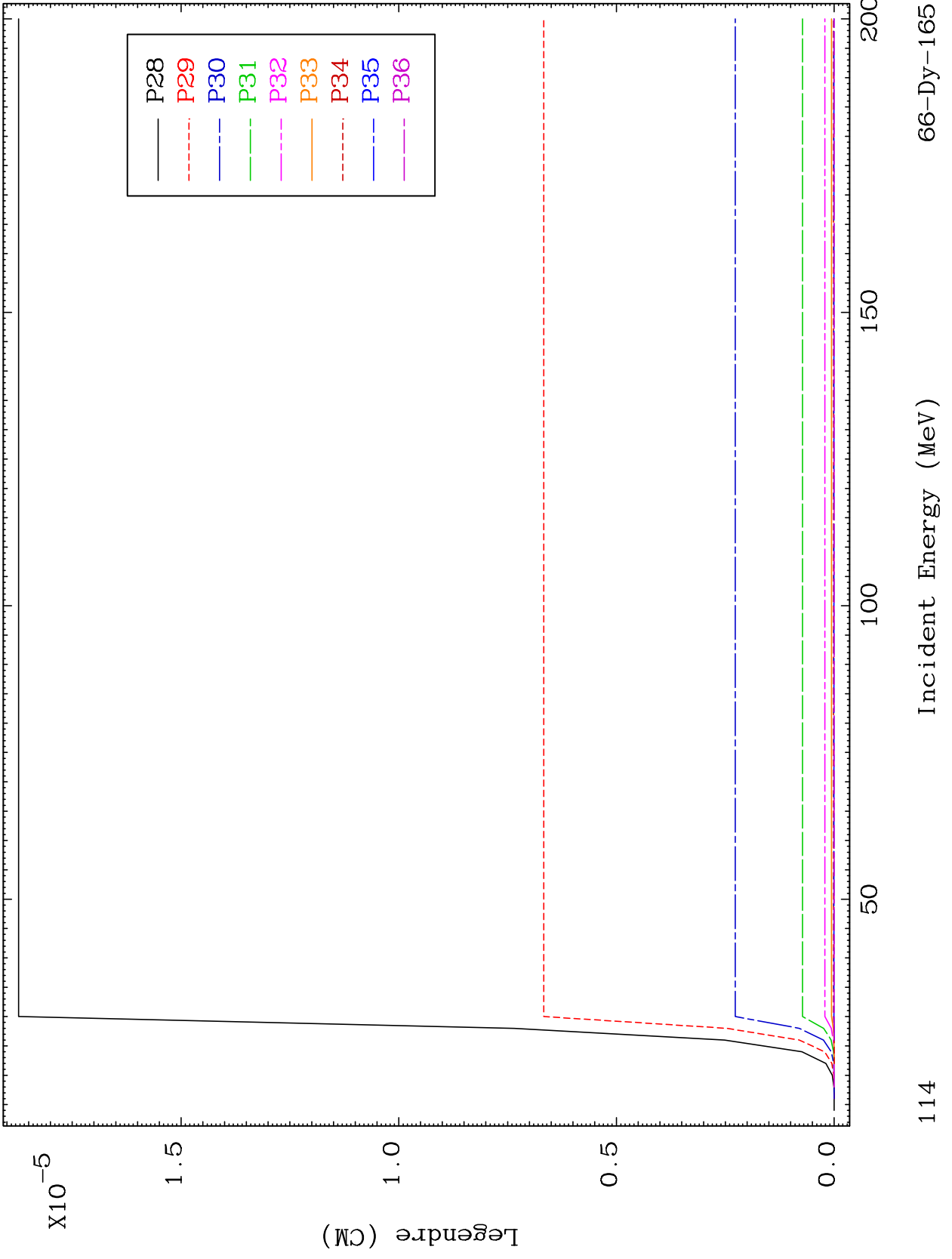
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

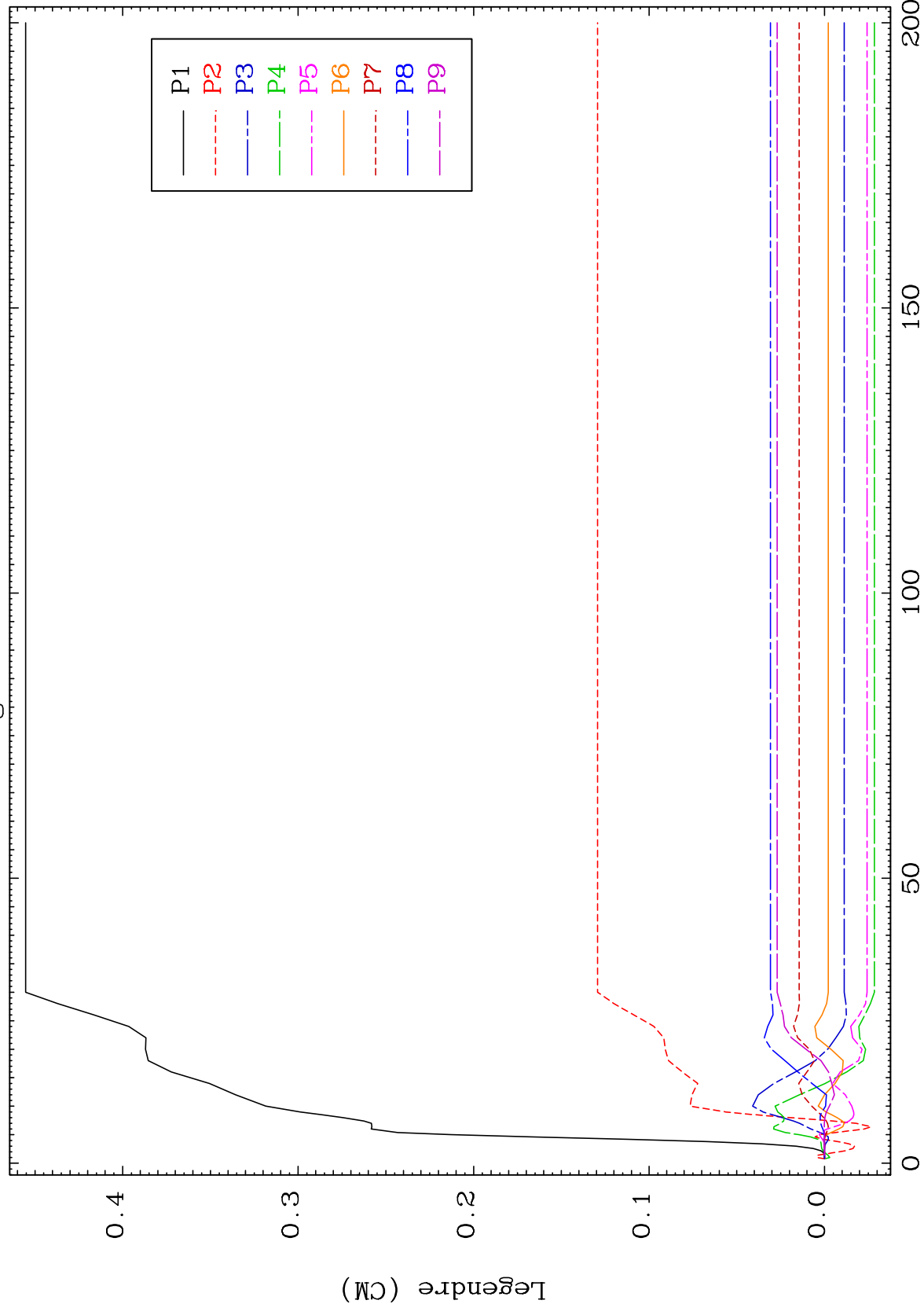
66-Dy-165



MAT 6652

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

66-Dy-165



66-Dy-165

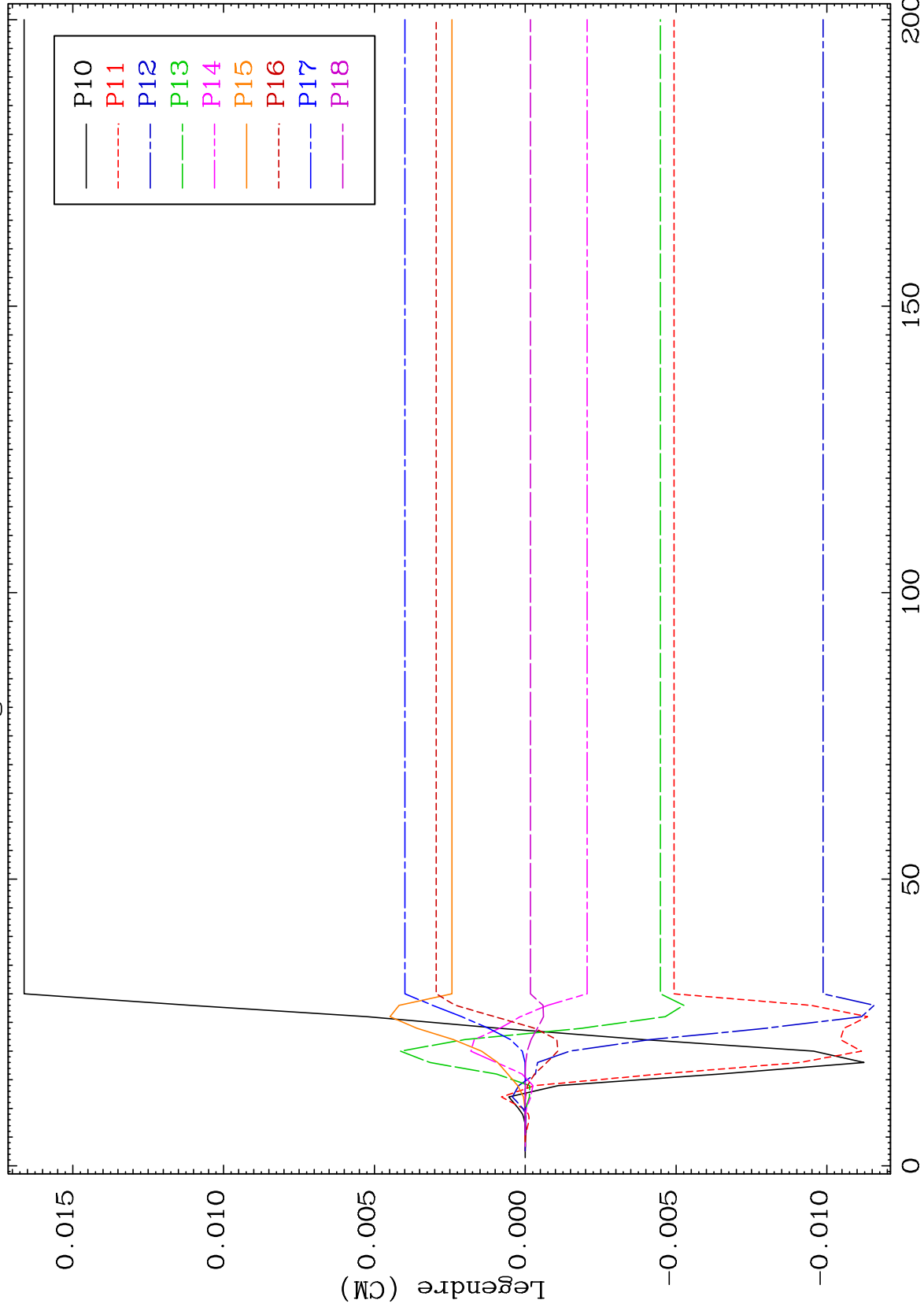
Incident Energy (MeV)

115

MAT 6652

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

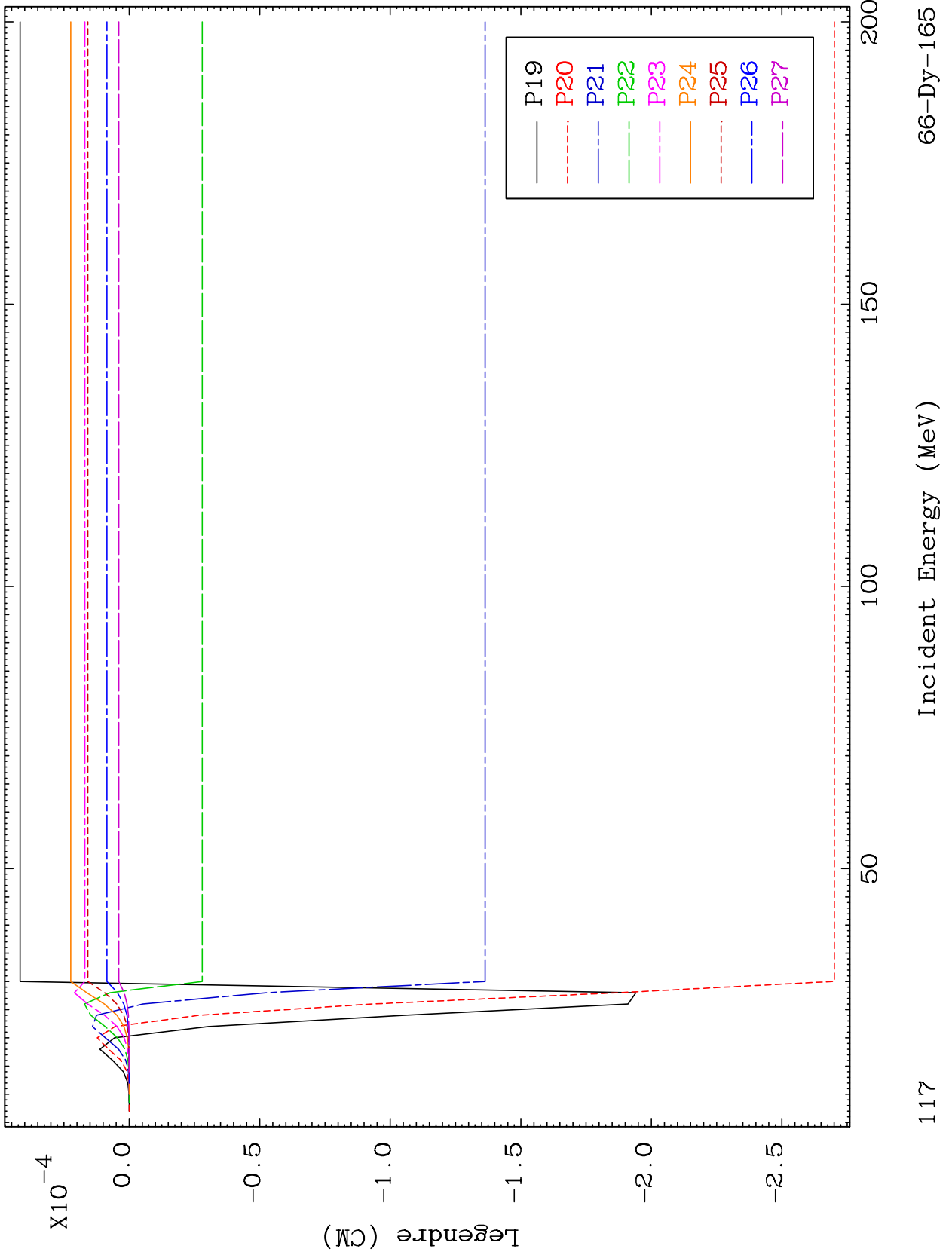
66-Dy-165



116

Incident Energy (MeV)

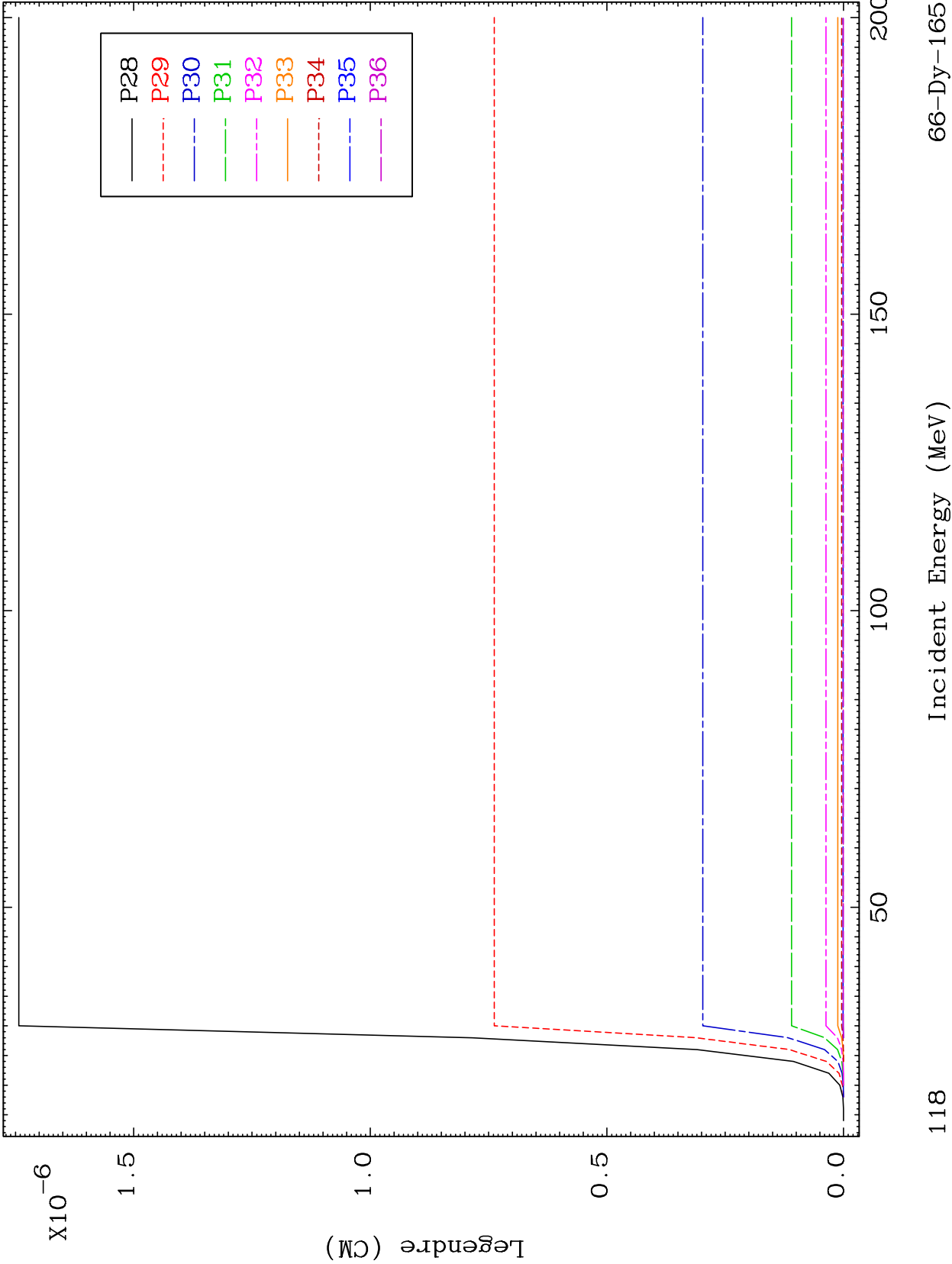
66-Dy-165



MAT 6652

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

66-Dy-165



118

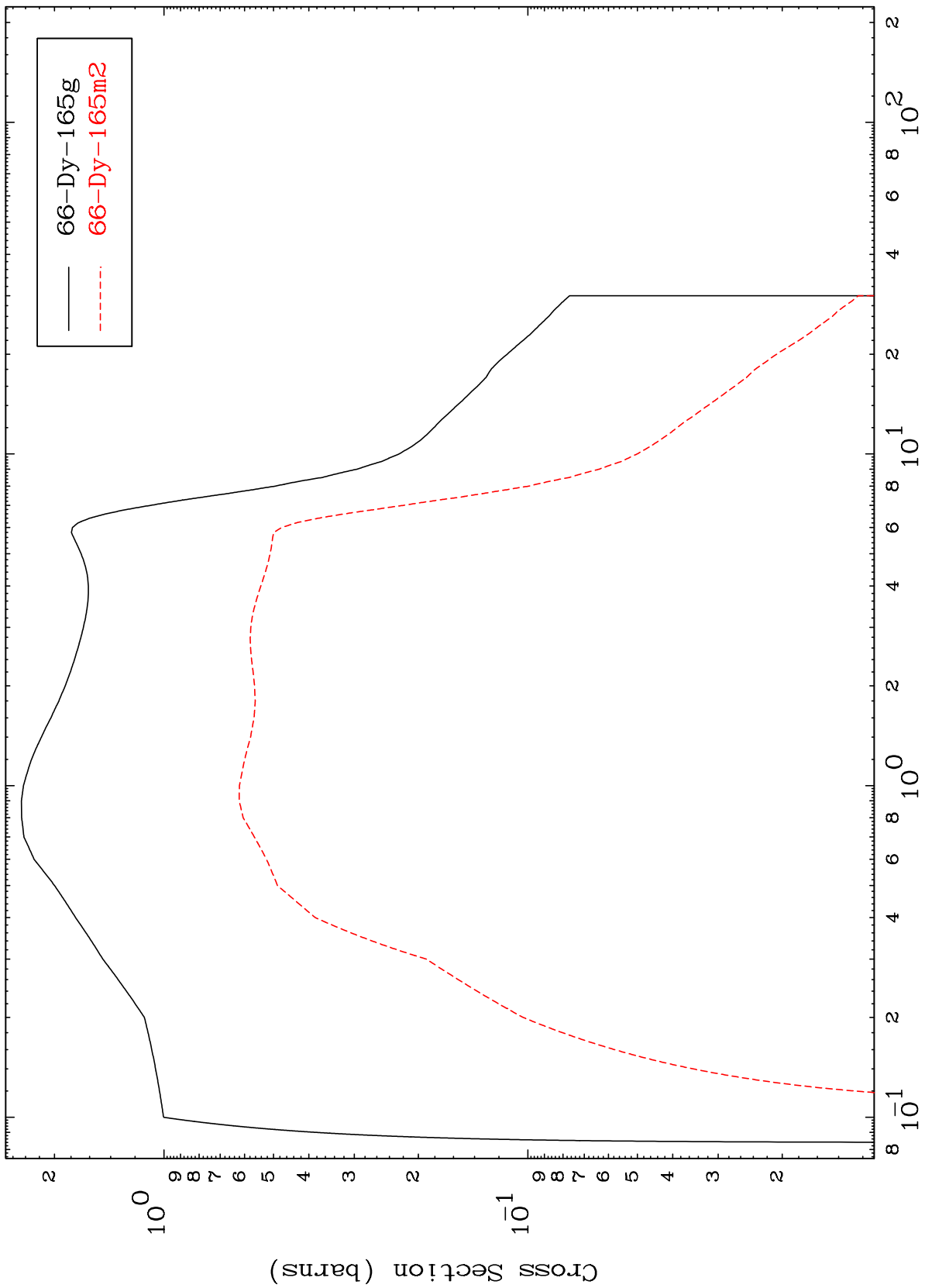
Incident Energy (MeV)

66-Dy-165

MAT 6652

66-Dy-165

Inelastic
Radionuclide Production Cross Section



Incident Energy (MeV)

66-Dy-165

119