

Program EVALPLOT
(Version 2018-1)

by

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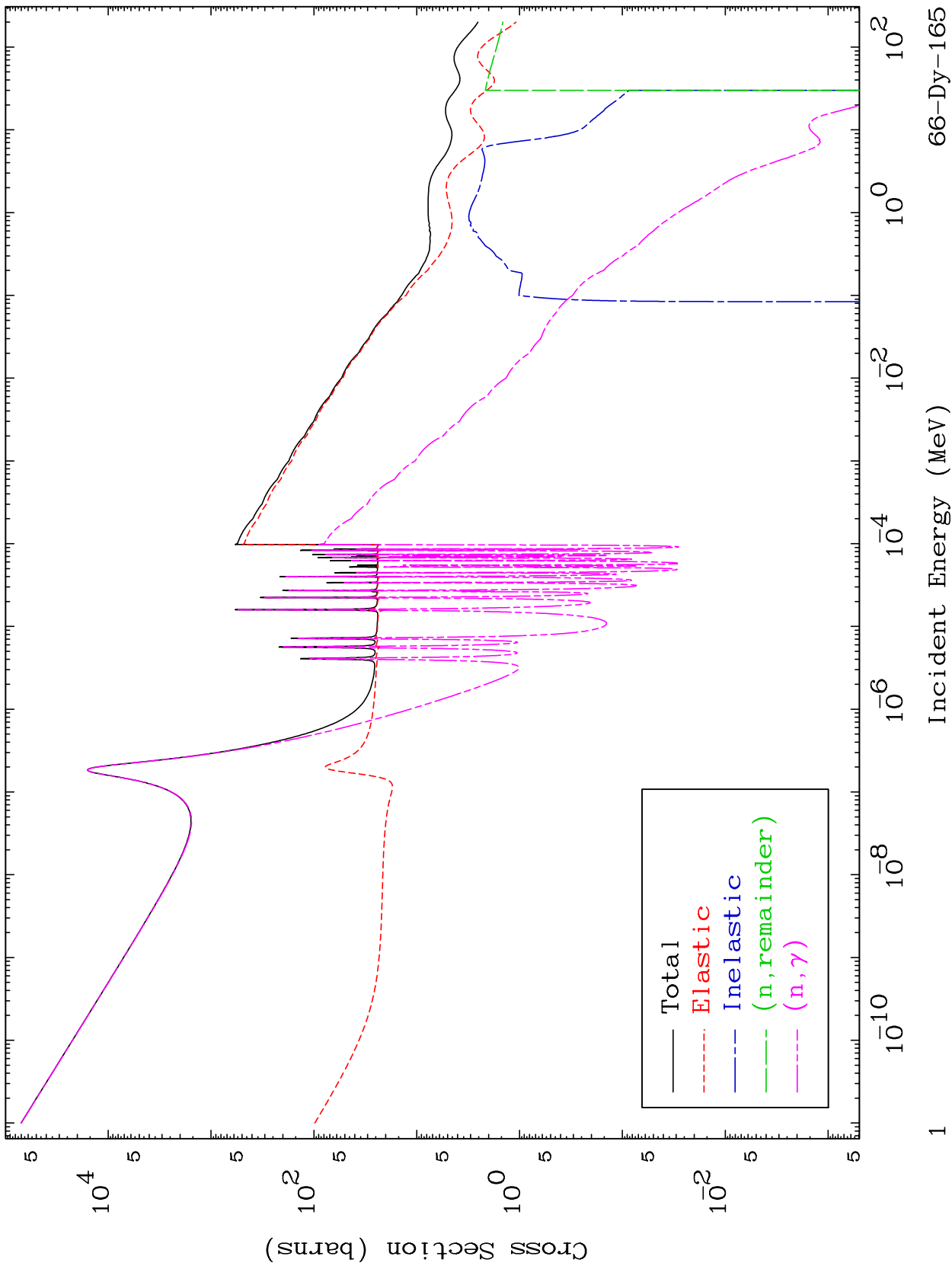
Press Mouse Button to Start

MAT 6652

Major

293 Kelvin Cross Sections

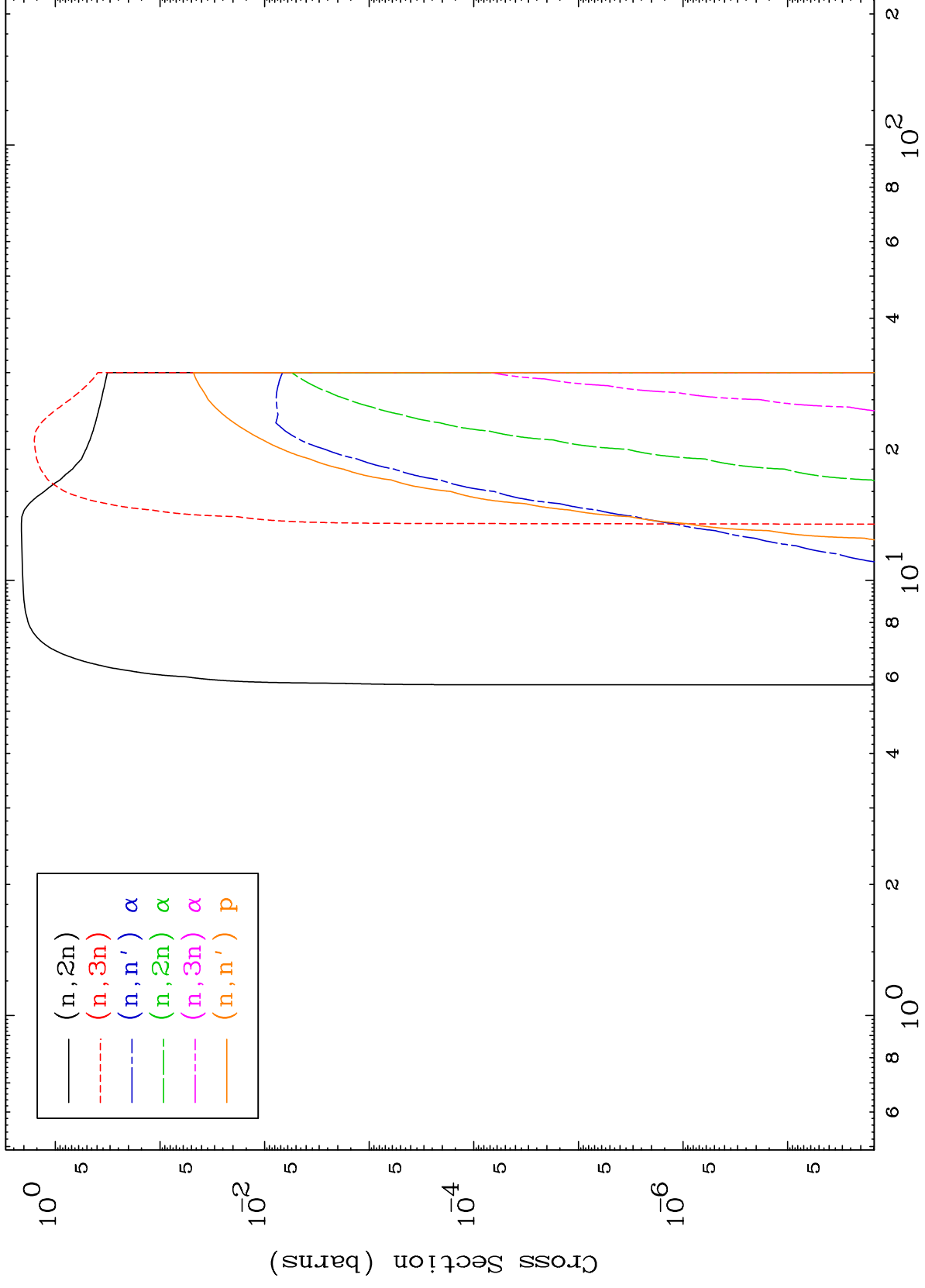
66-Dy-165



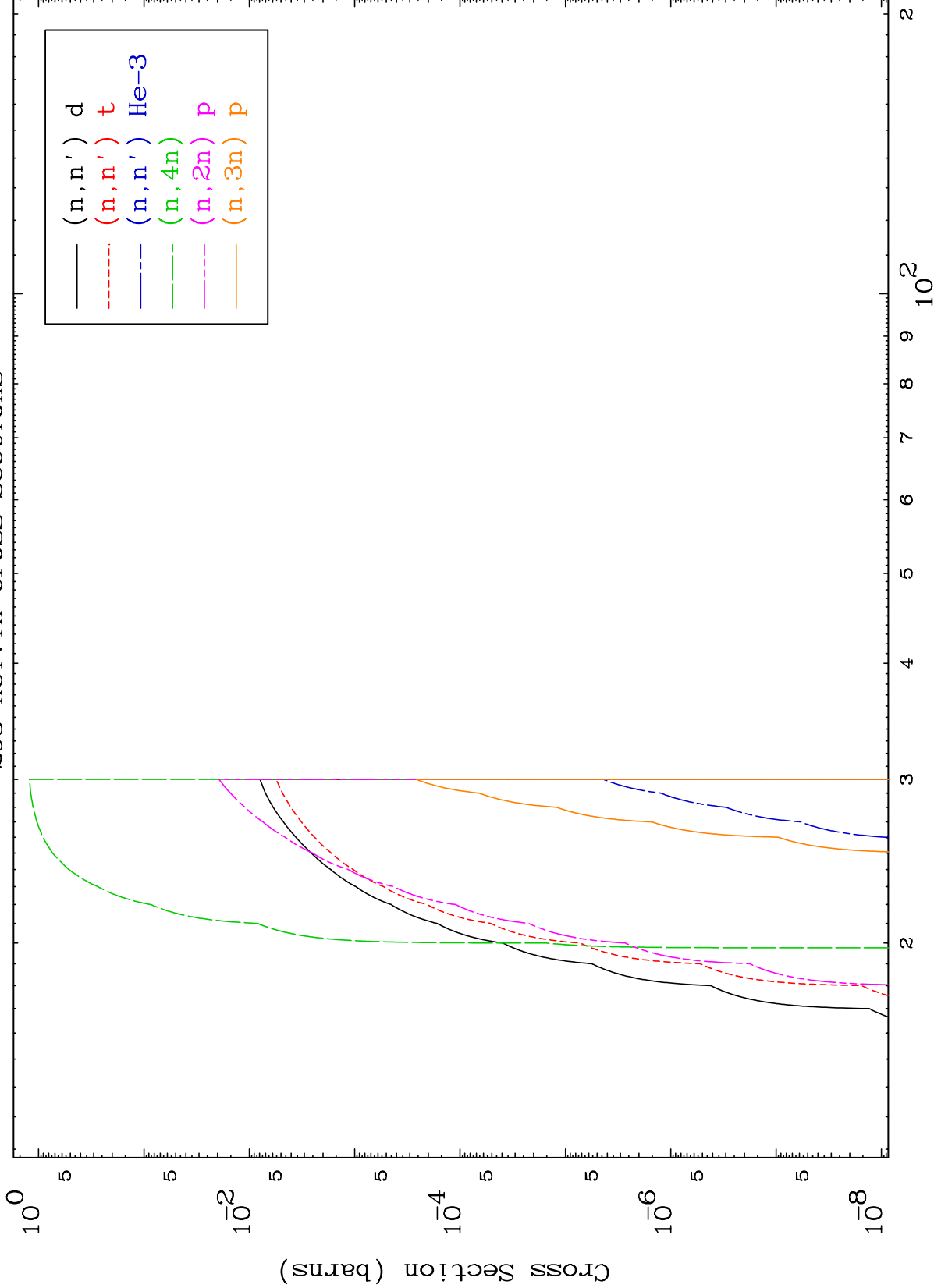
MAT 6652

Neutron Production
293 Kelvin Cross Sections

66-Dy-165



(n, 2n)
(n, 3n)
(n, n') α
(n, 2n) α
(n, 3n) α
(n, n') p

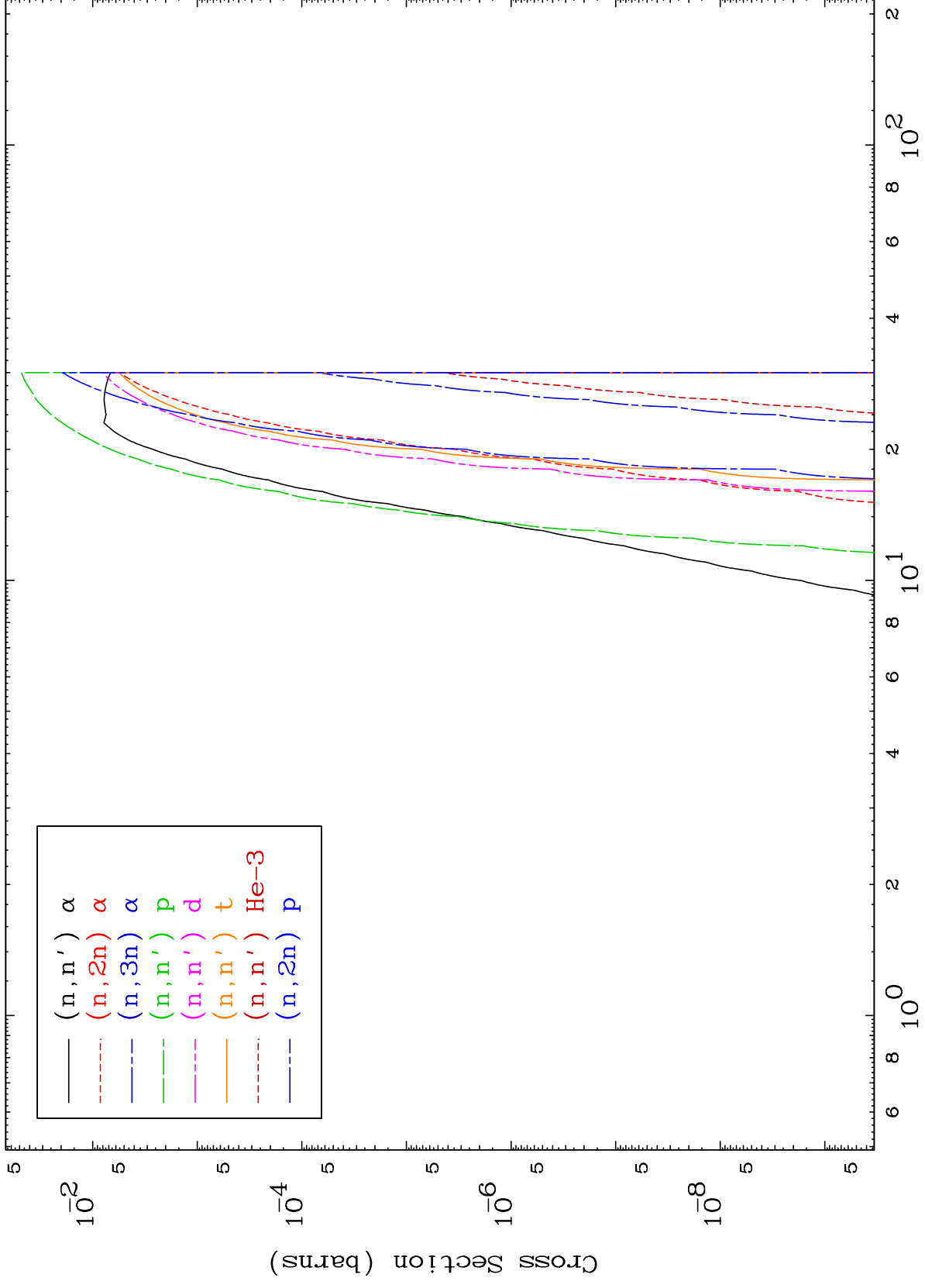


MAT 6652

Charged Particle

66-Dy-165

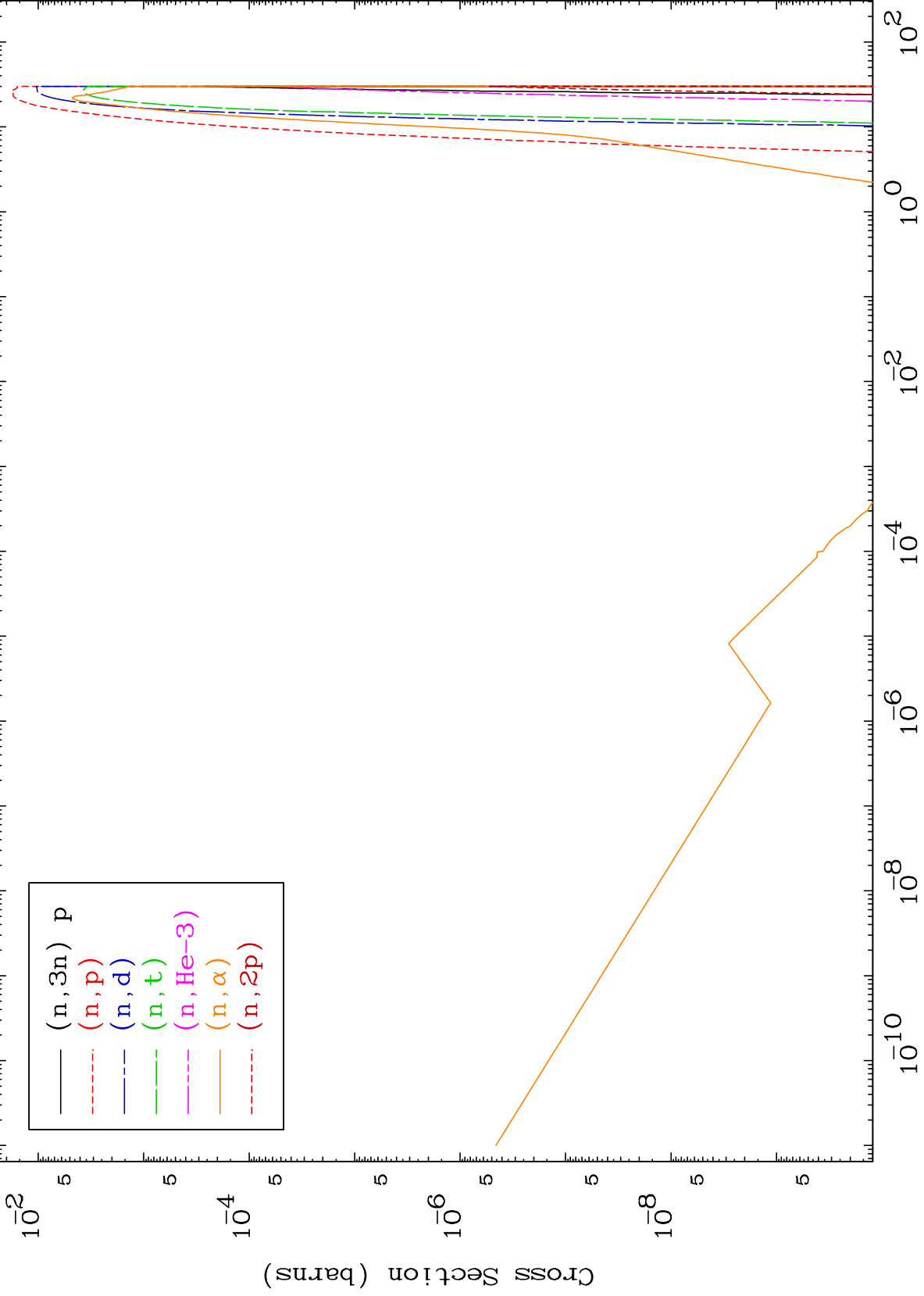
293 Kelvin Cross Sections



MAT 6652

Charged Particle
293 Kelvin Cross Sections

66-Dy-165



5

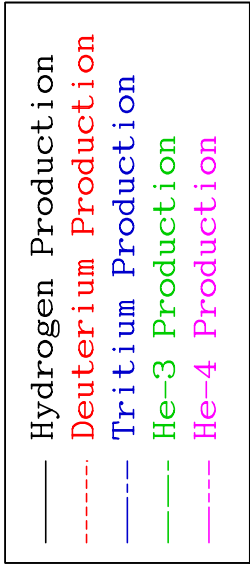
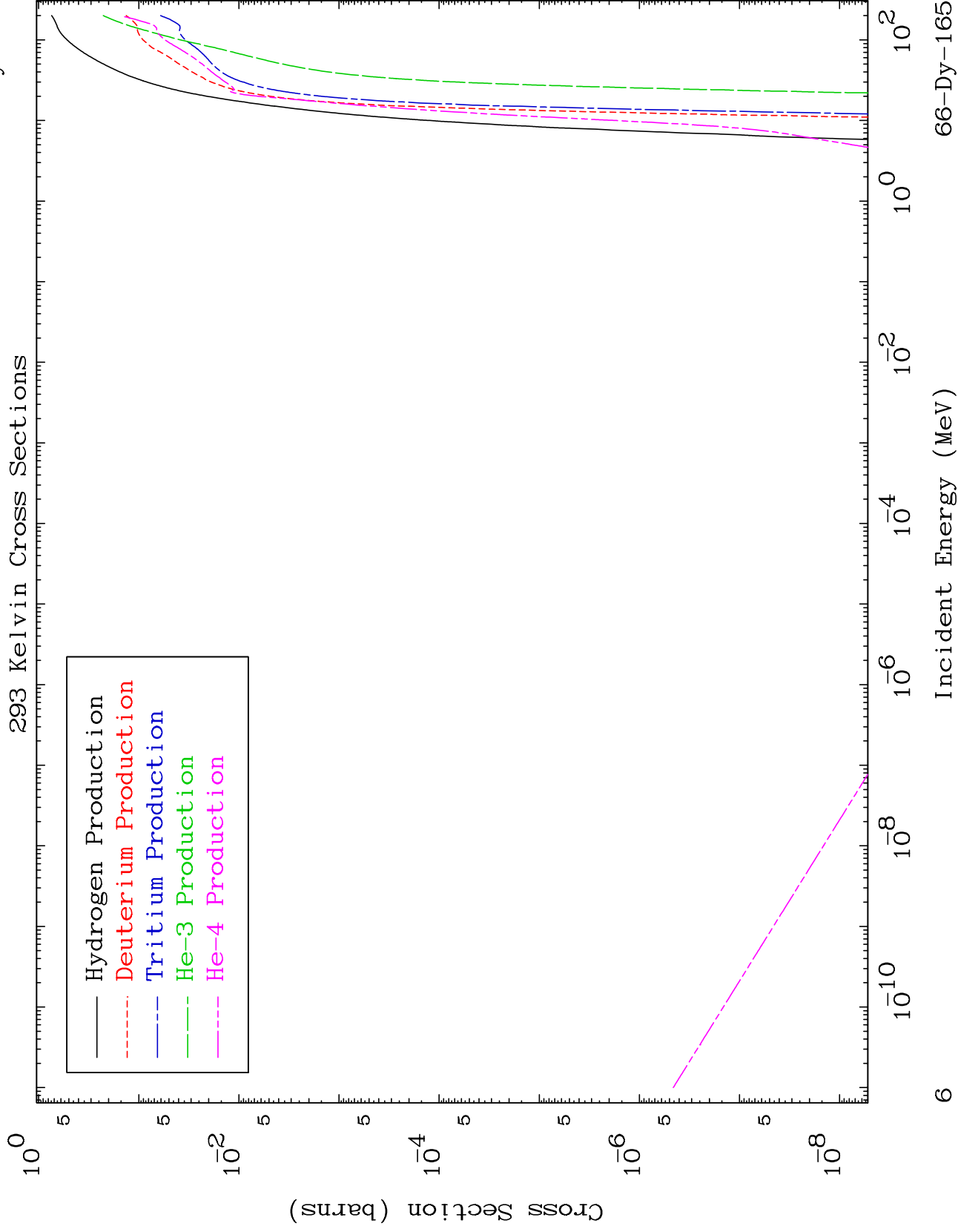
Incident Energy (MeV)

66-Dy-165

MAT 6652

Particle Production
293 Kelvin Cross Sections

66-Dy-165

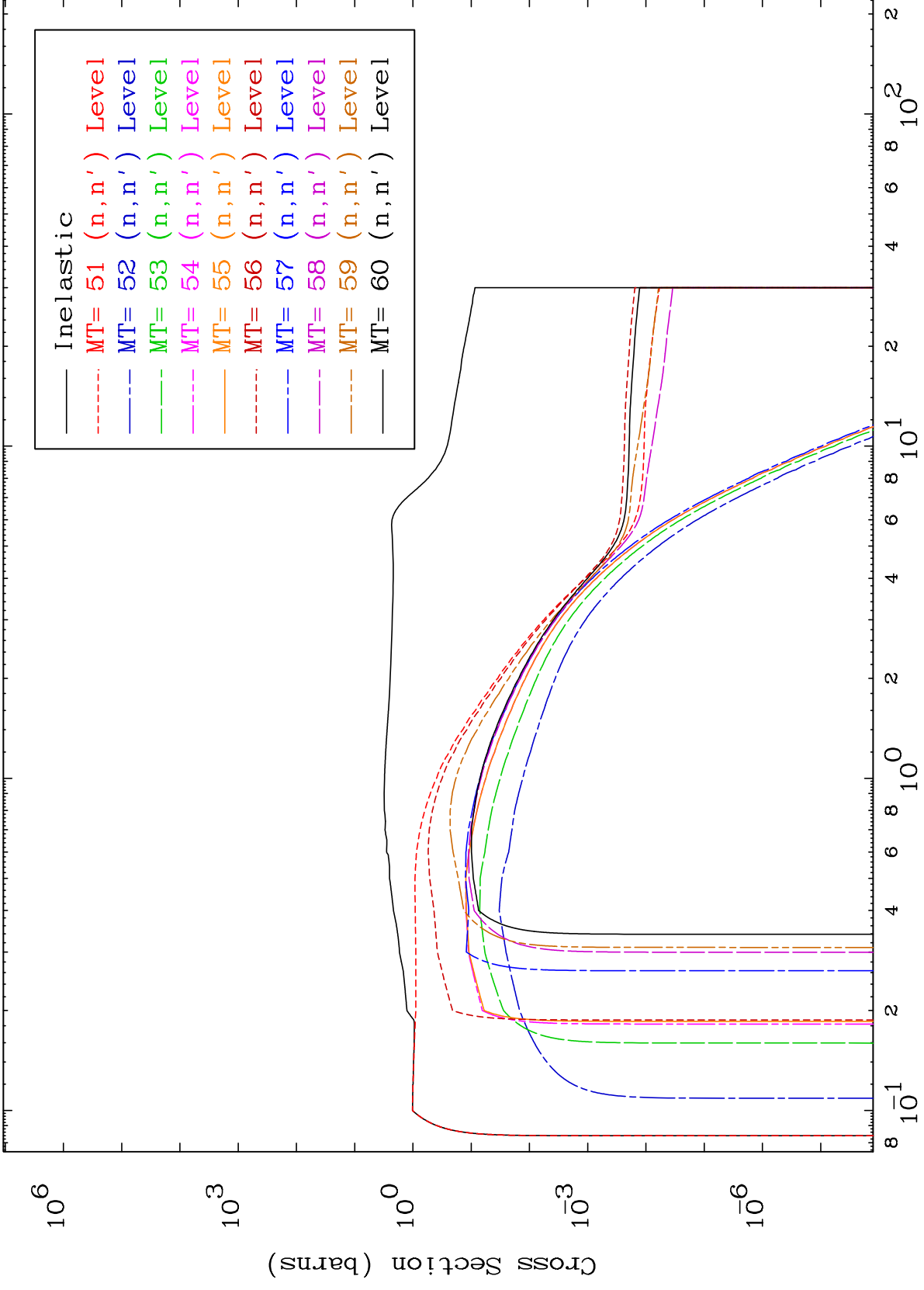


MAT 6652

(n,n') Level

66-Dy-165

293 Kelvin Cross Sections



Incident Energy (MeV)

66-Dy-165

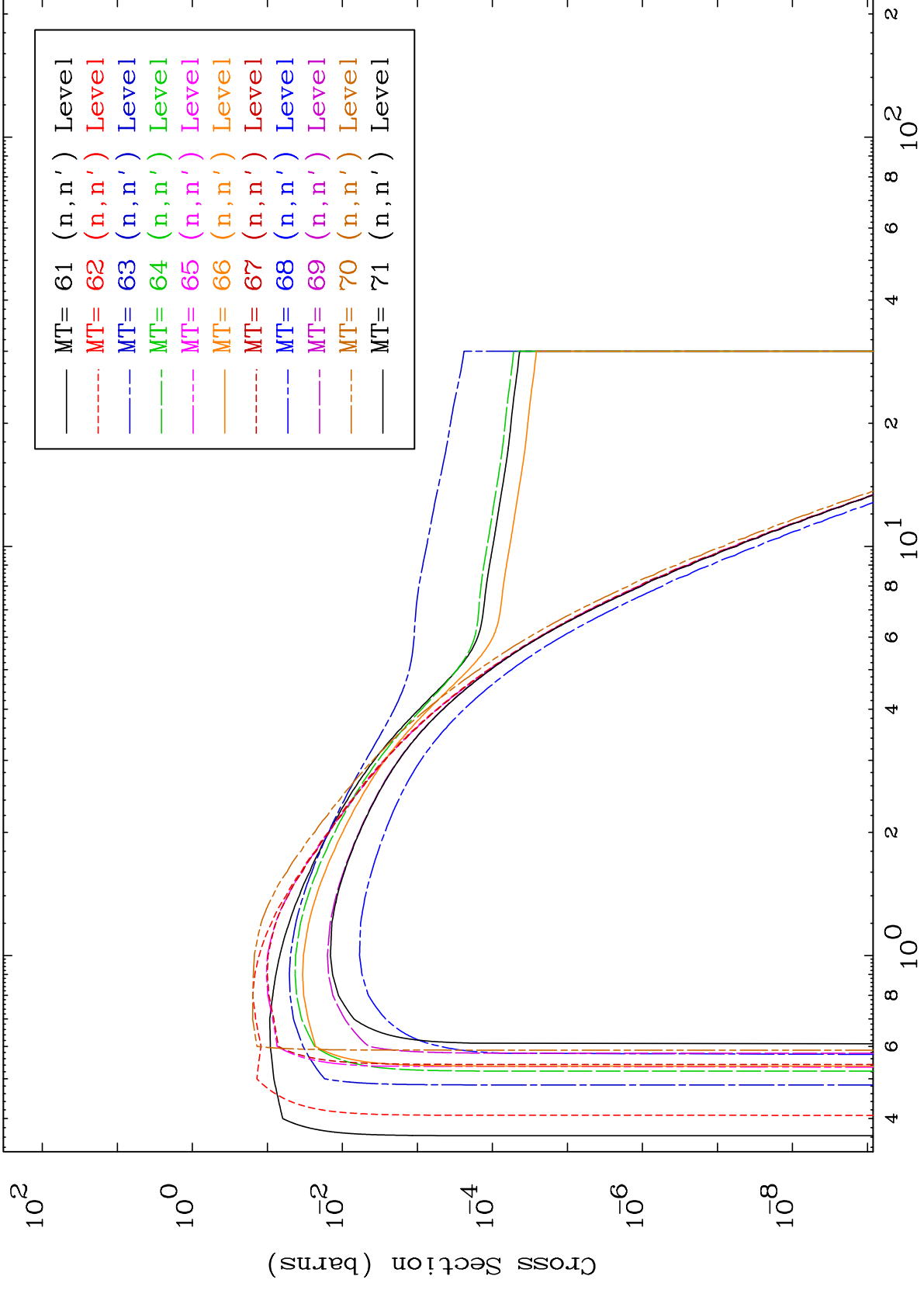
7

MAT 6652

(n,n') Level

293 Kelvin Cross Sections

66-Dy-165

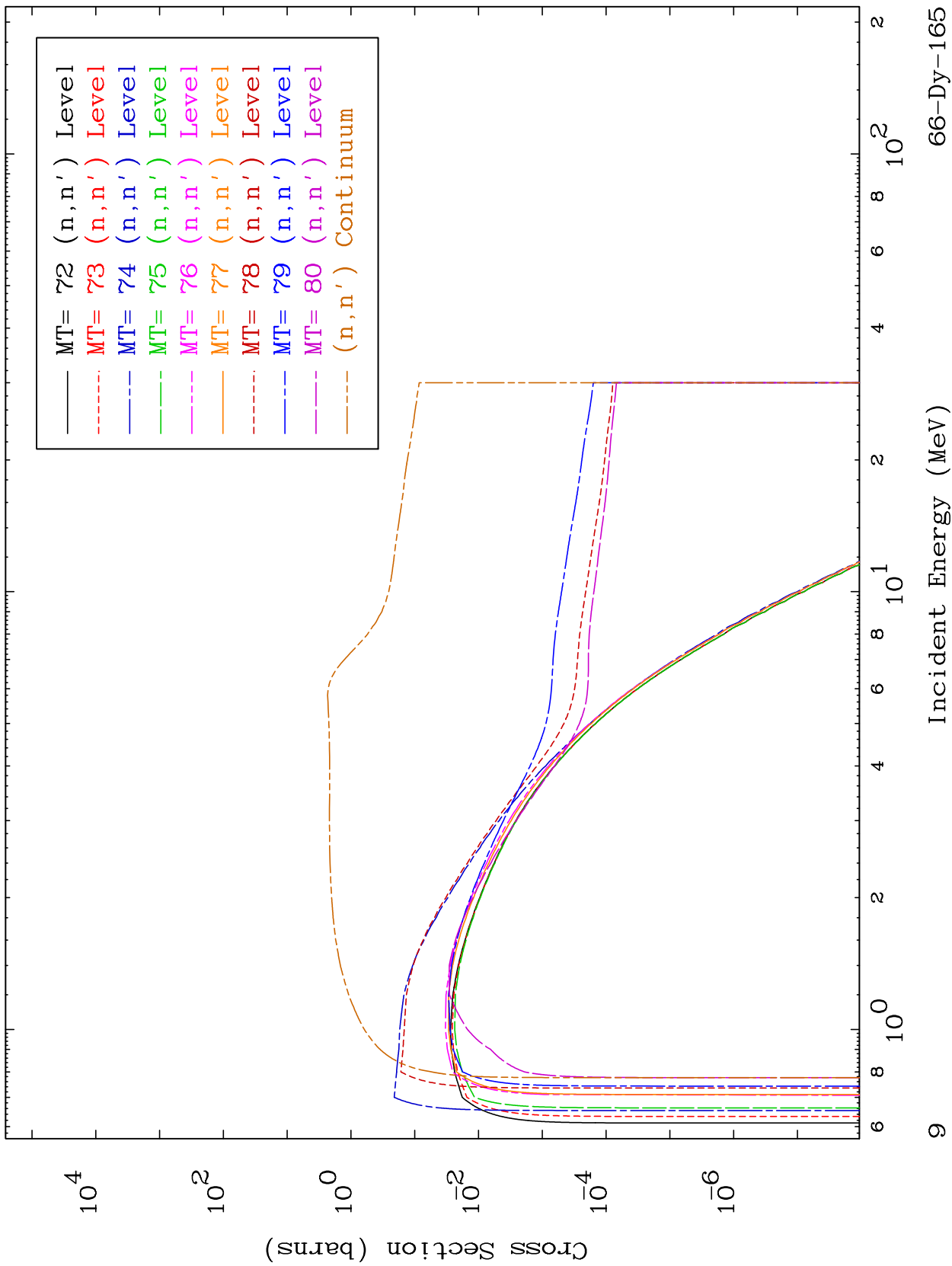


8

Incident Energy (MeV)

66-Dy-165

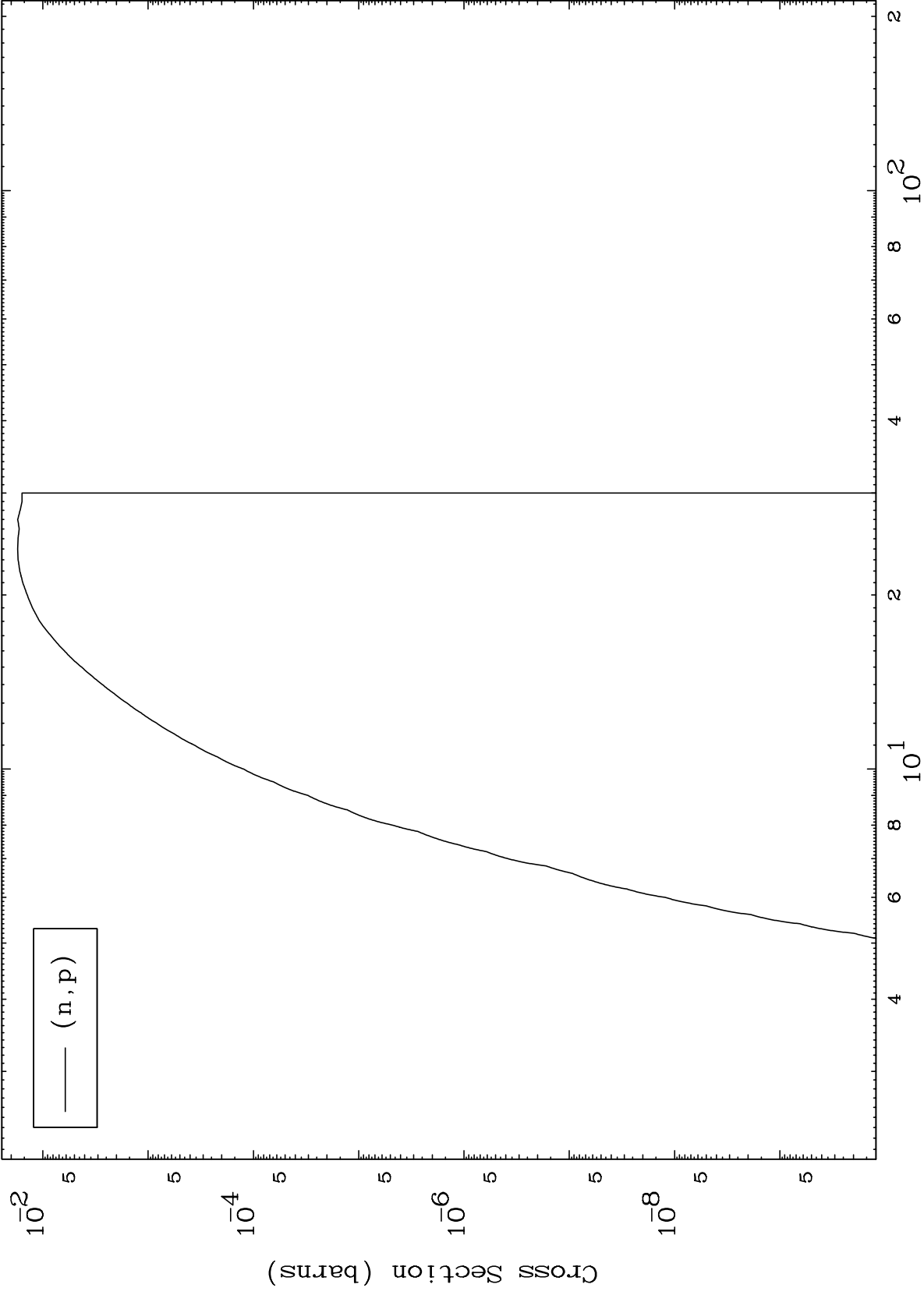
293 Kelvin Cross Sections



MAT 6652

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-165



10

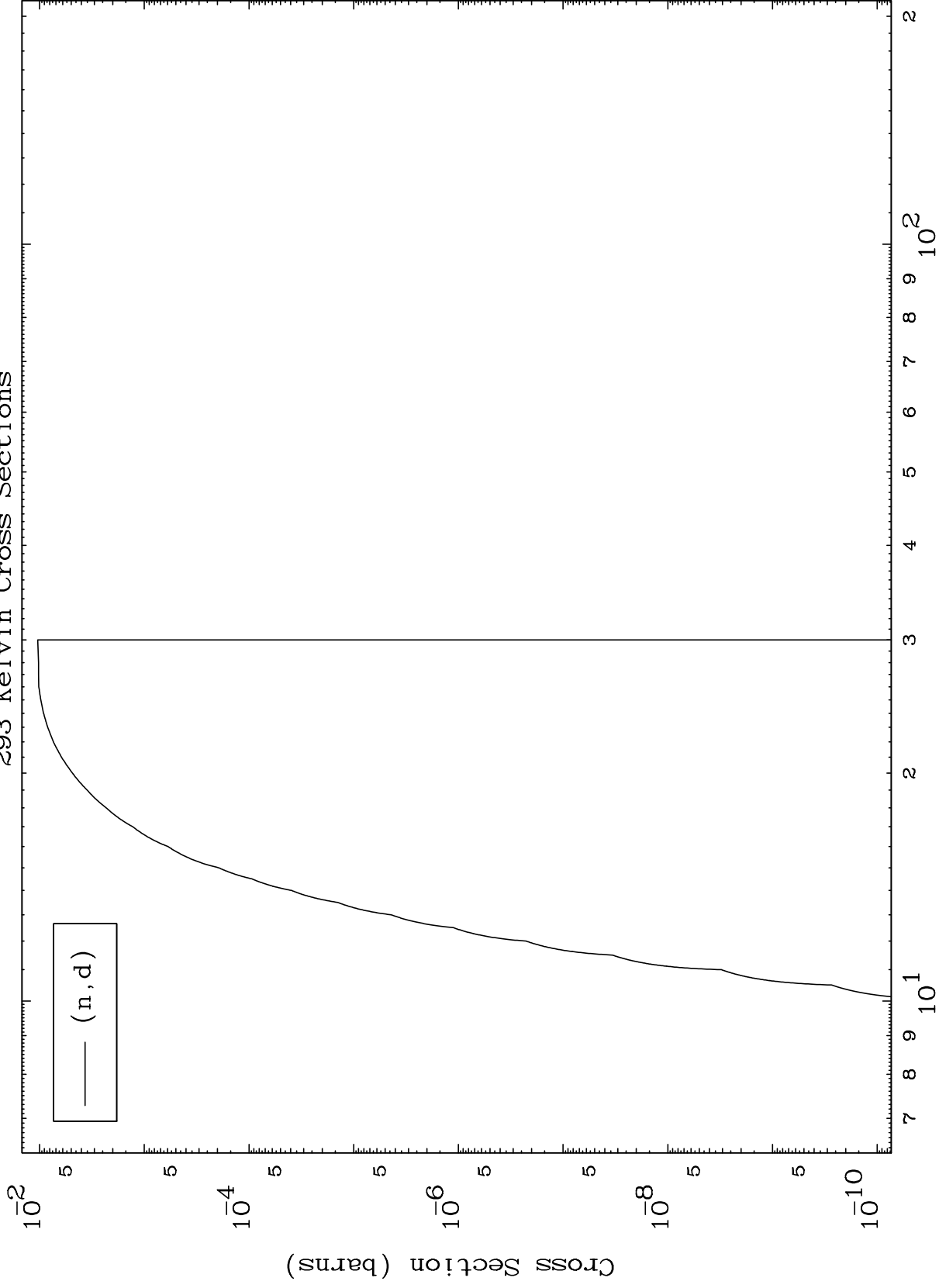
Incident Energy (MeV)

66-Dy-165

MAT 6652

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-165



11

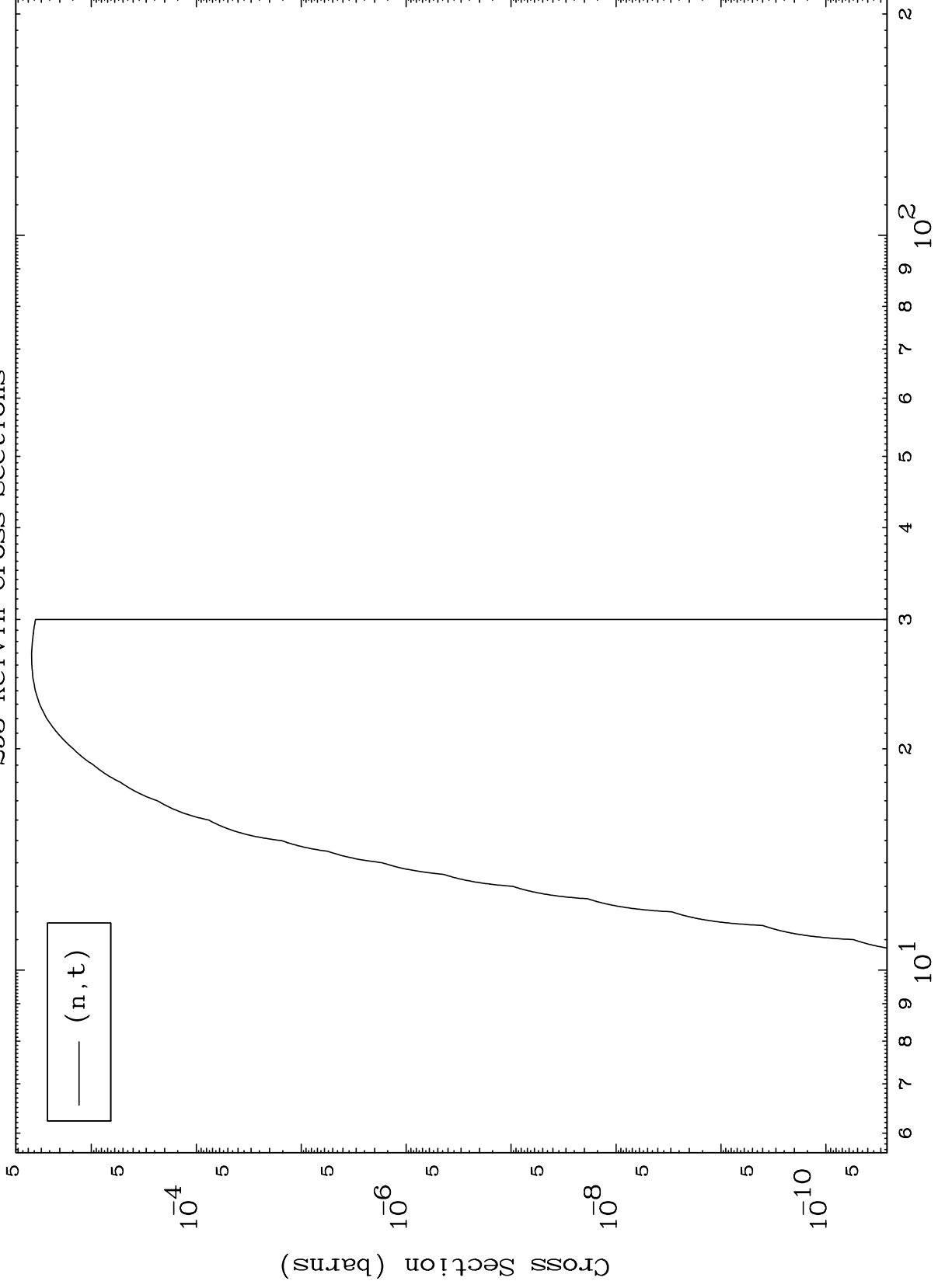
Incident Energy (MeV)

66-Dy-165

MAT 6652

(n, t) Levels
293 Kelvin Cross Sections

66-Dy-165



12

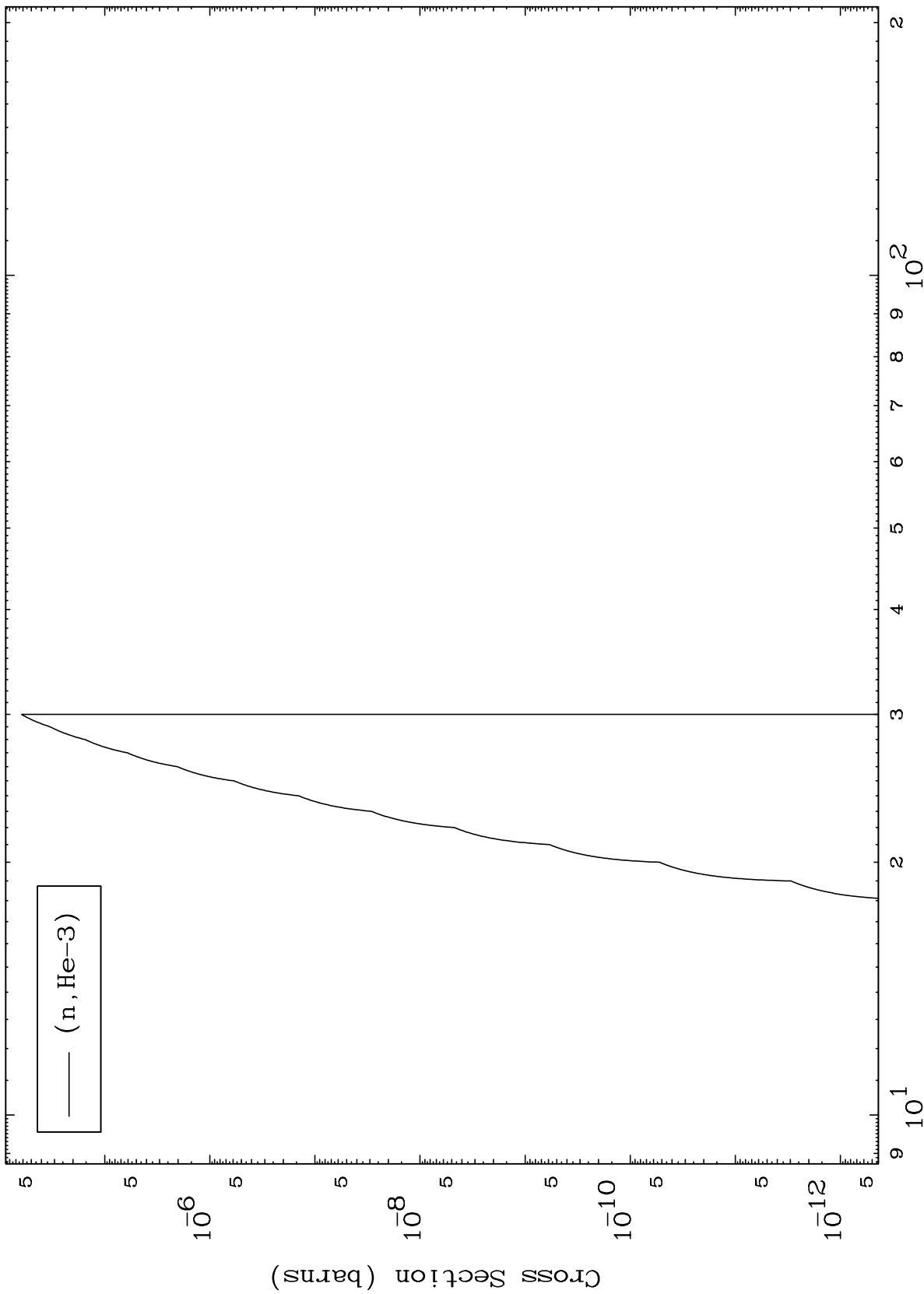
Incident Energy (MeV)

66-Dy-165

MAT 6652

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-165



13

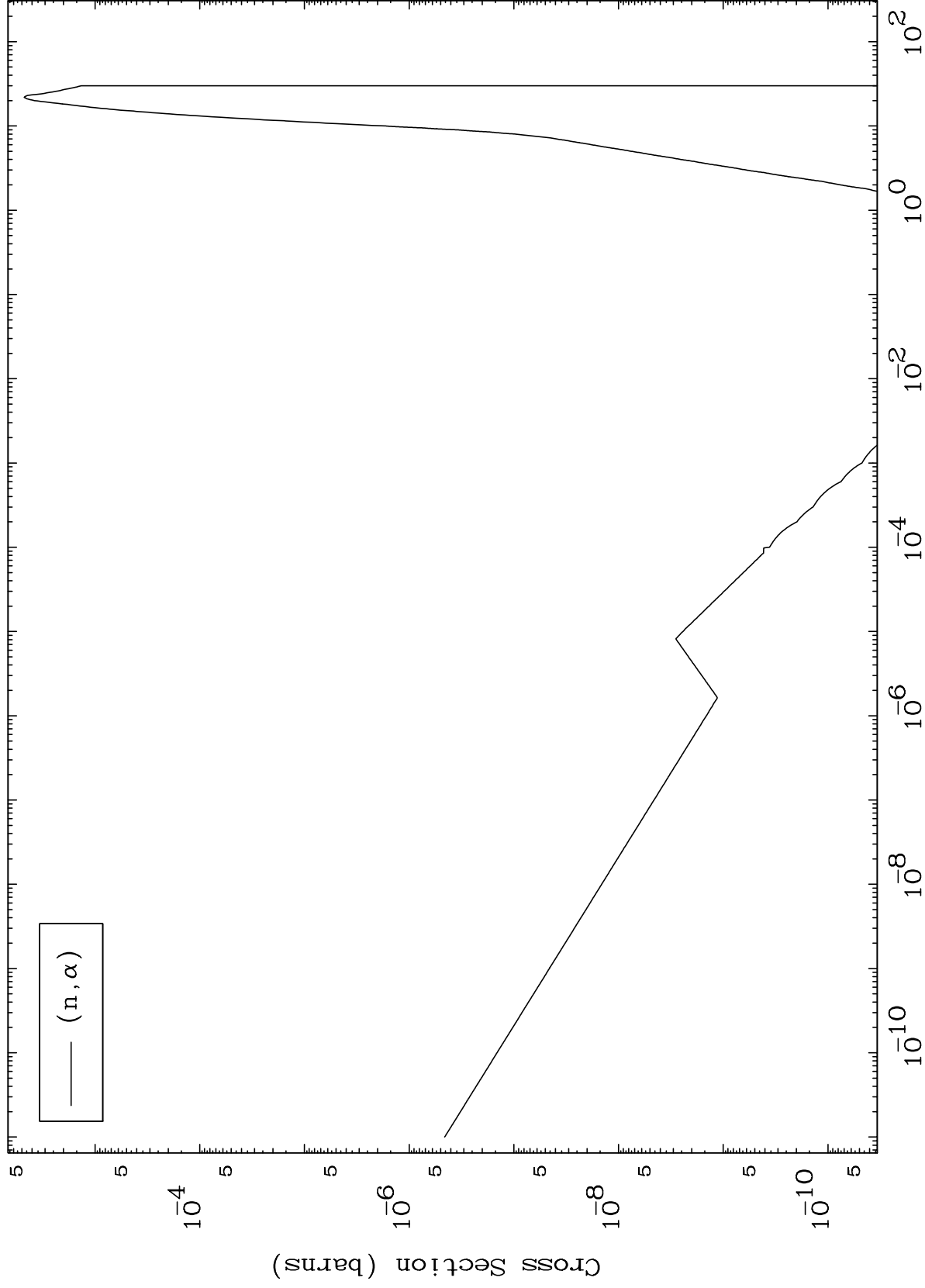
Incident Energy (MeV)

66-Dy-165

MAT 6652

(n, α) Levels
293 Kelvin Cross Sections

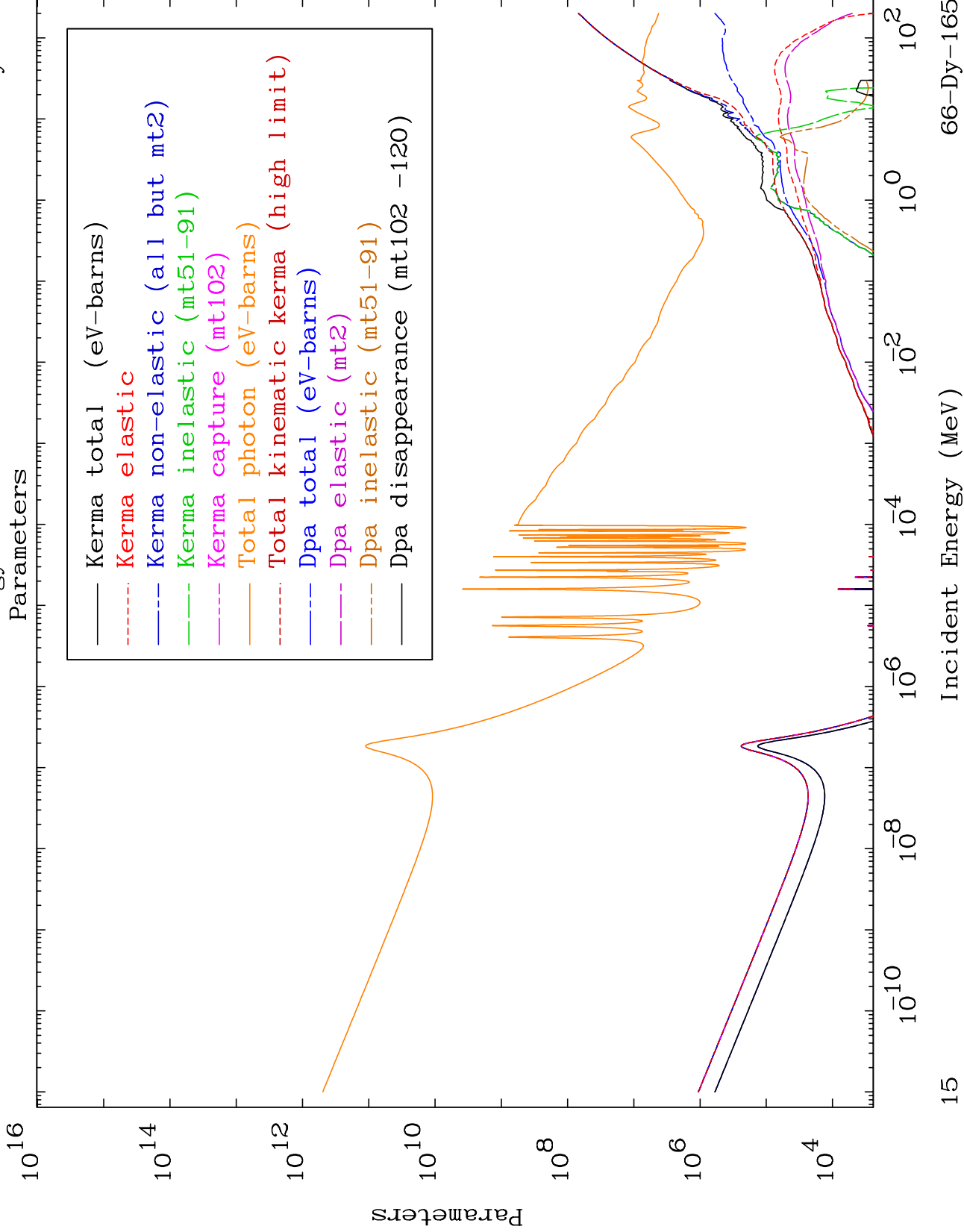
66-Dy-165



14

Incident Energy (MeV)

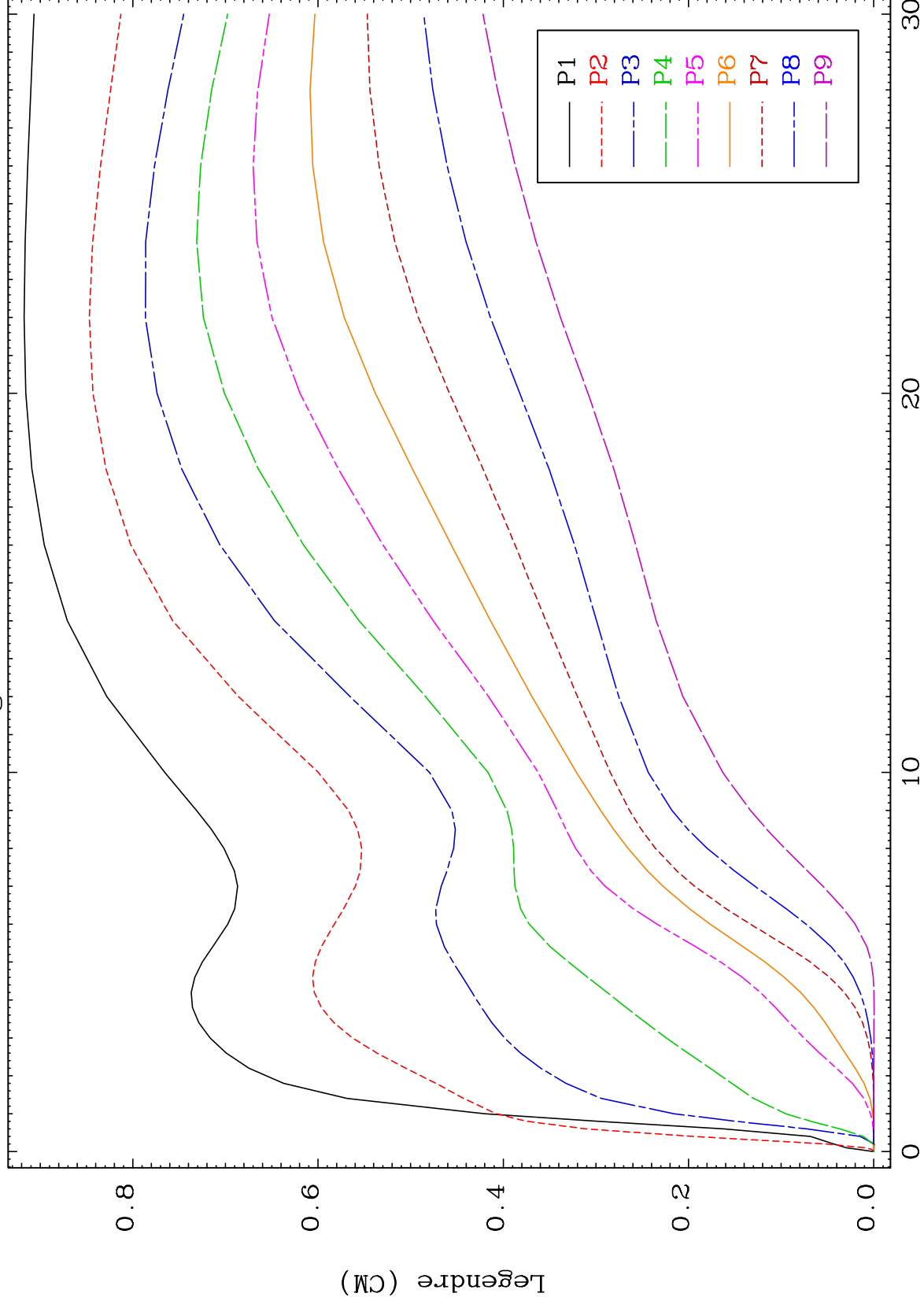
66-Dy-165



MAT 6652

Elastic Legendre Coefficients

66-Dy-165



16

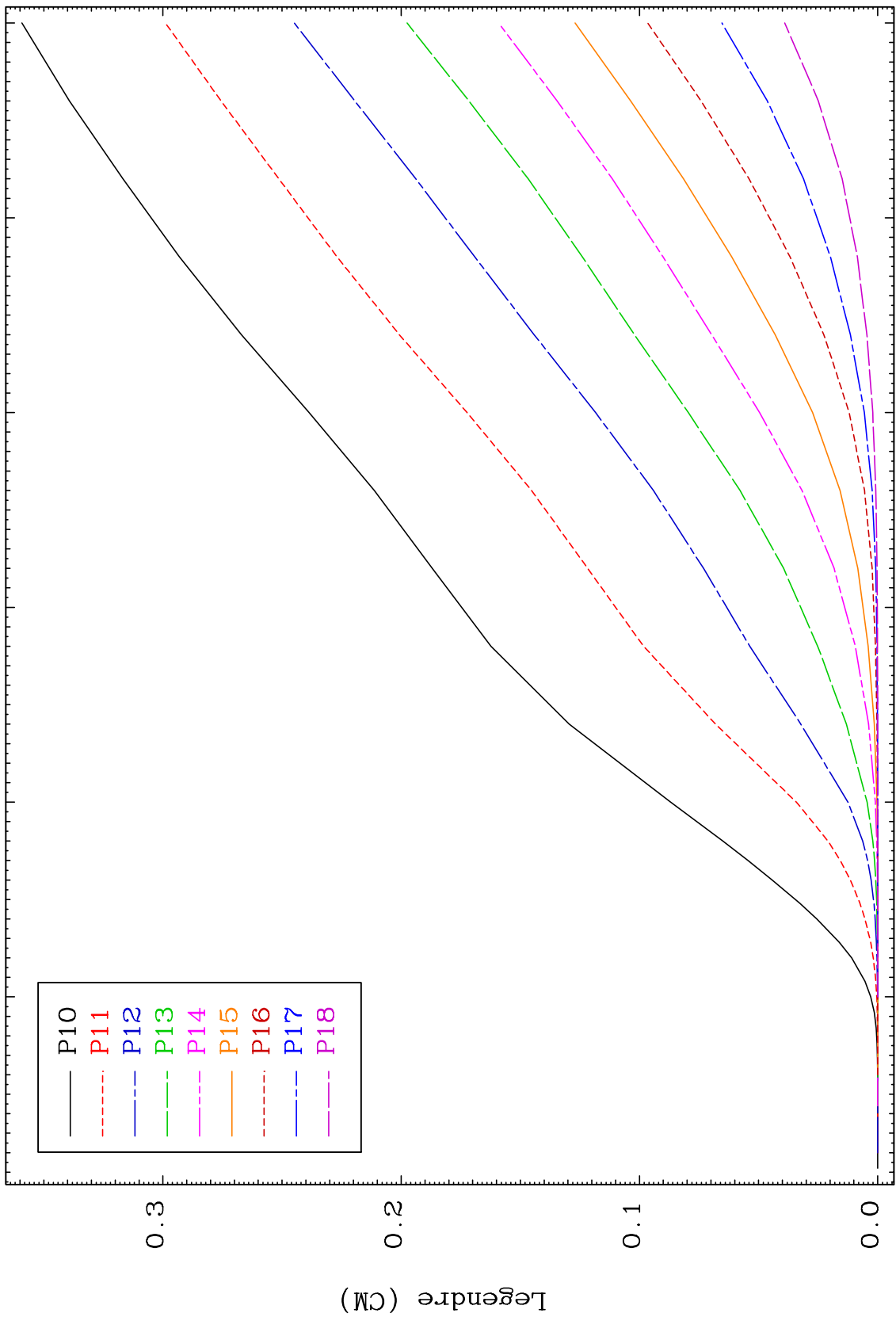
Incident Energy (MeV)

66-Dy-165

MAT 6652

Elastic Legendre Coefficients

66-Dy-165



17

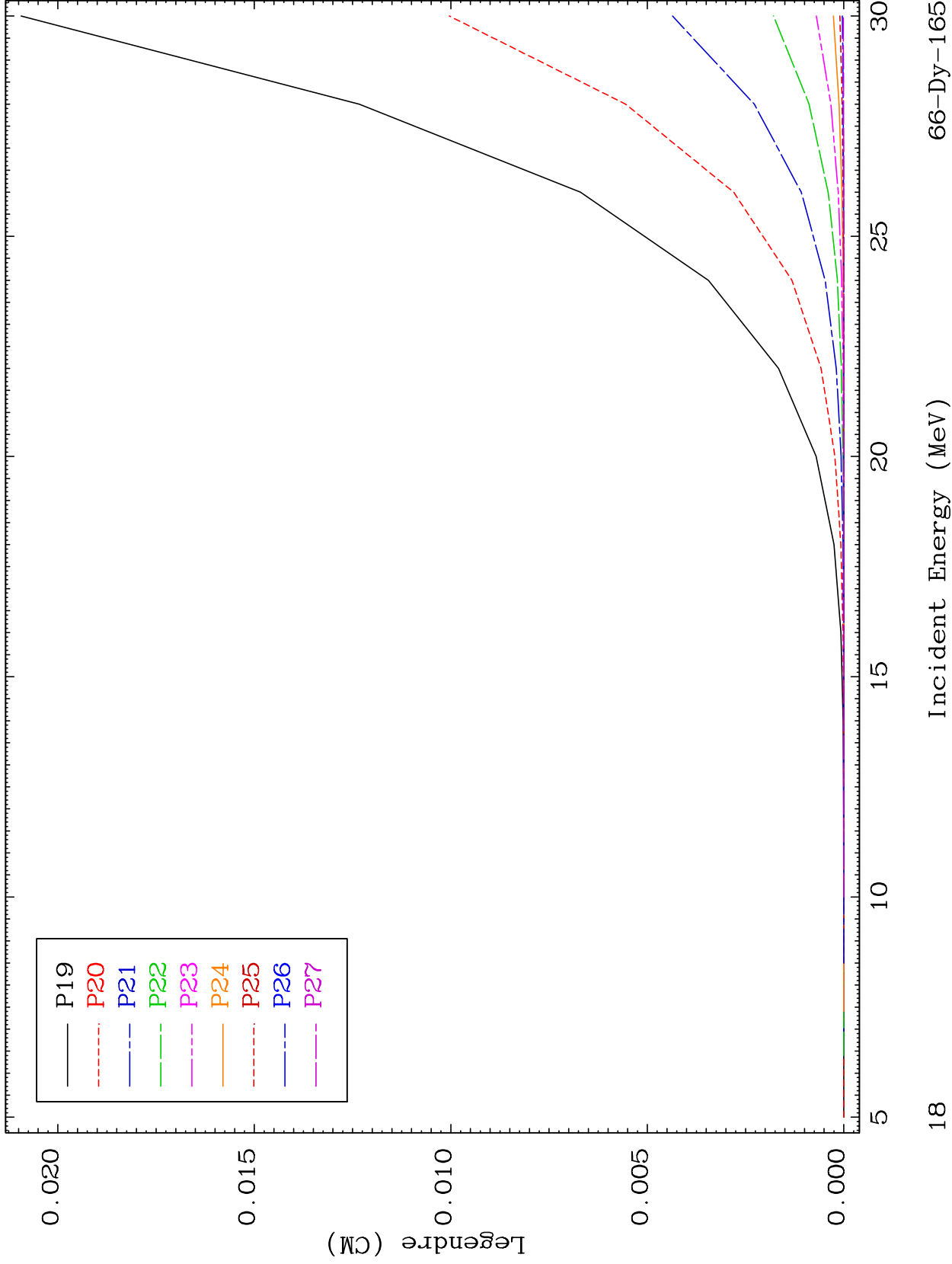
Incident Energy (MeV)

66-Dy-165

MAT 6652

Elastic Legendre Coefficients

66-Dy-165



18

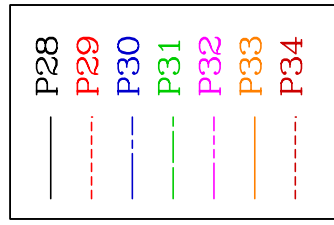
Incident Energy (MeV)

66-Dy-165

MAT 6652

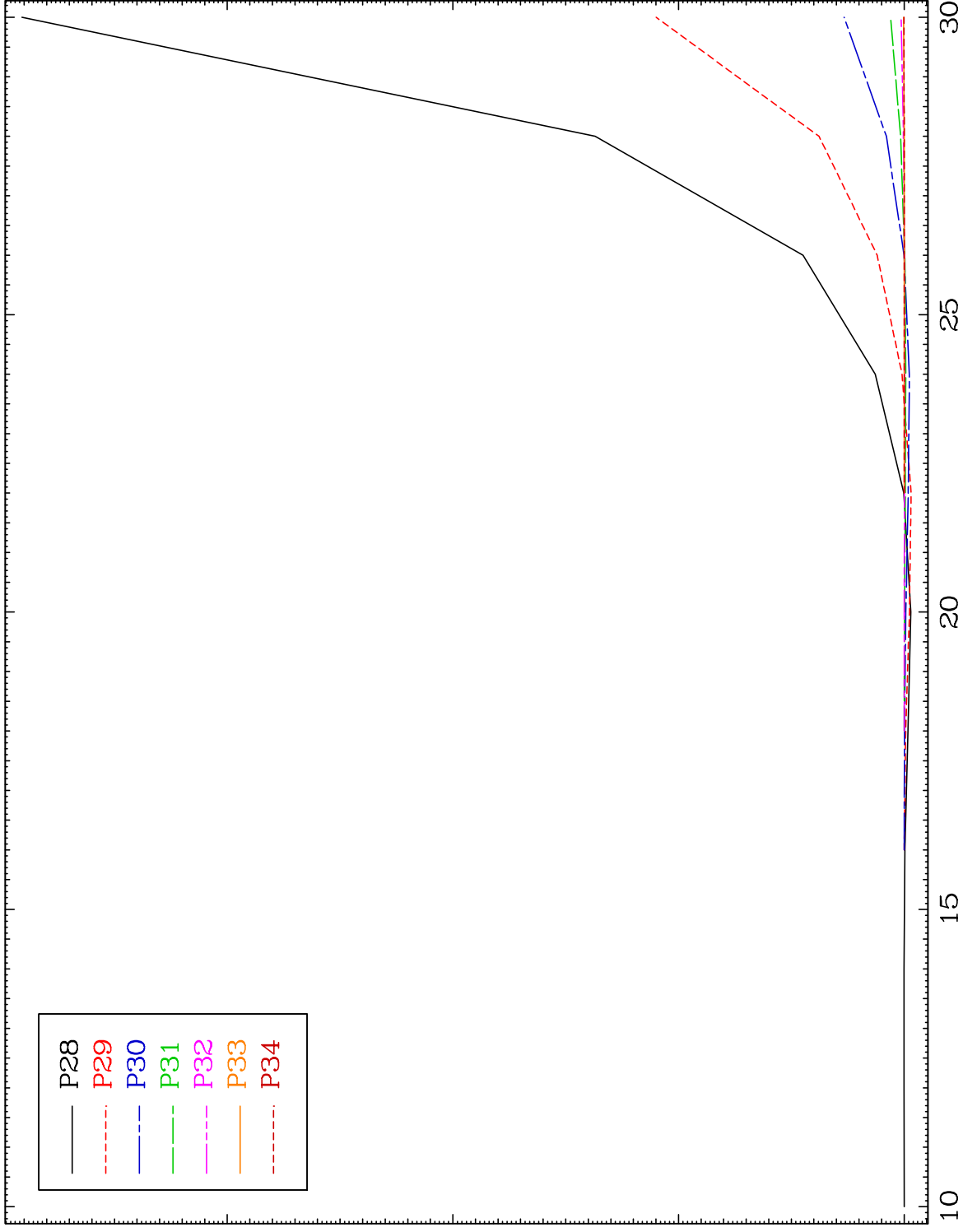
Elastic
Legendre Coefficients

66-Dy-165



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

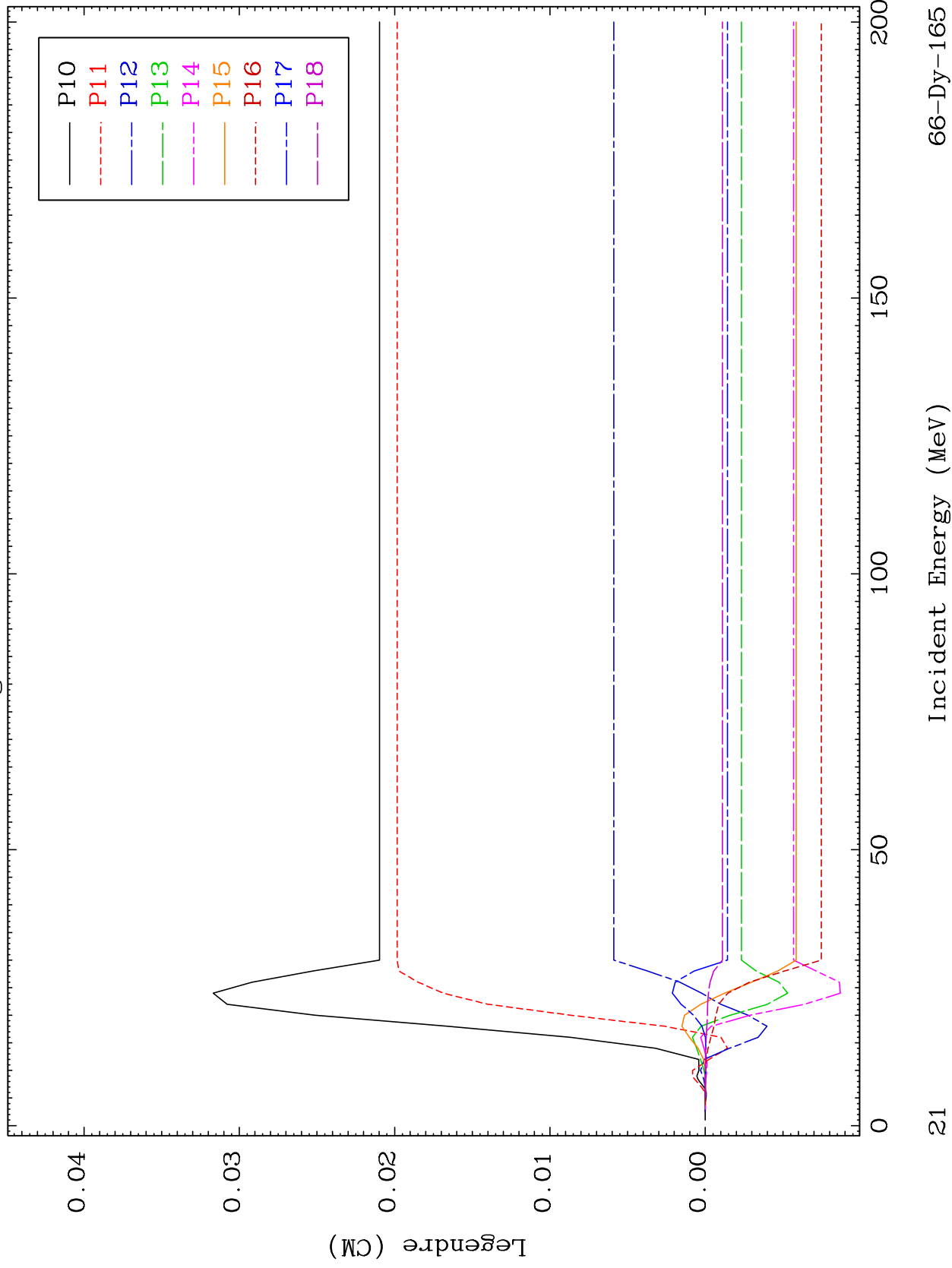
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



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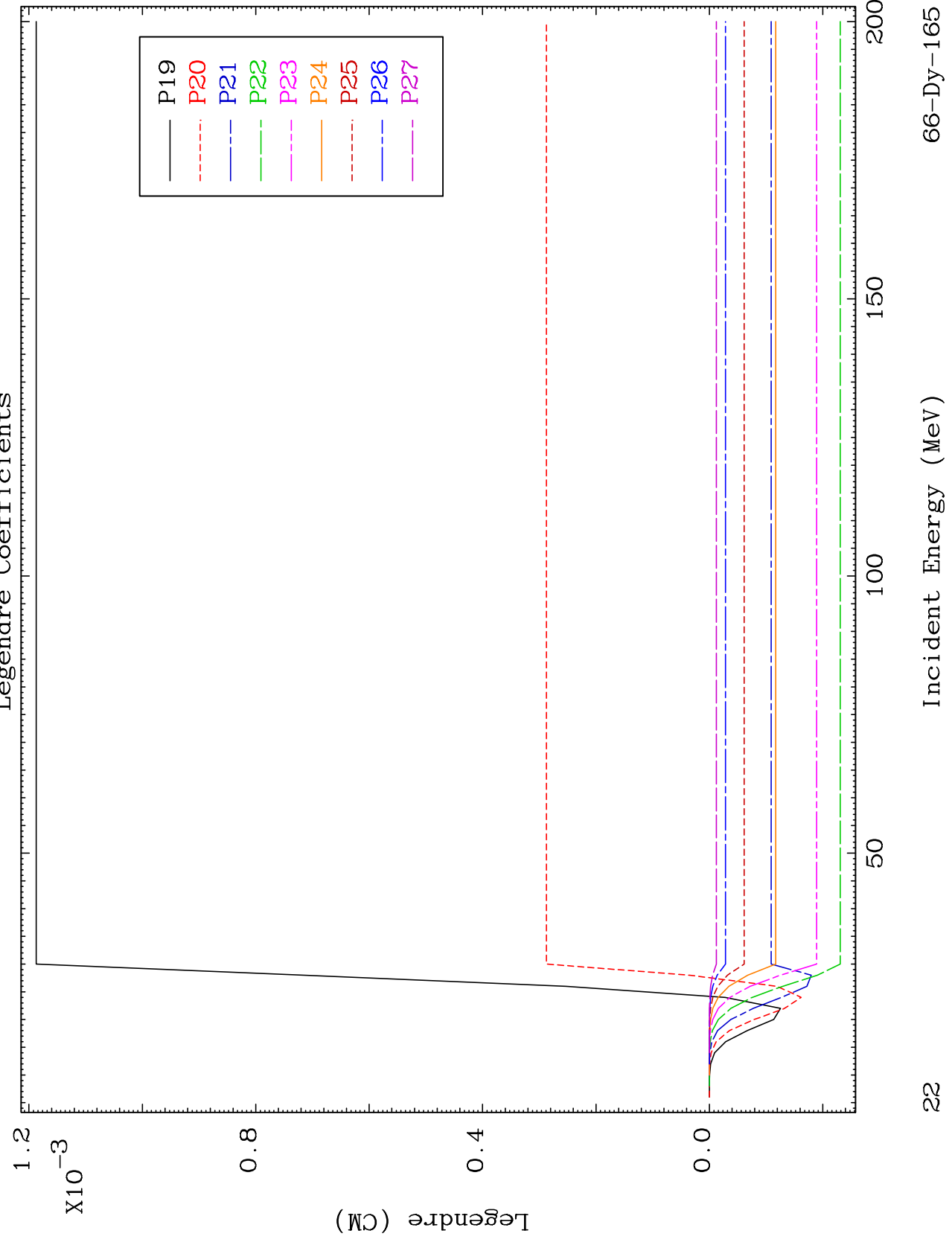
Incident Energy (MeV)

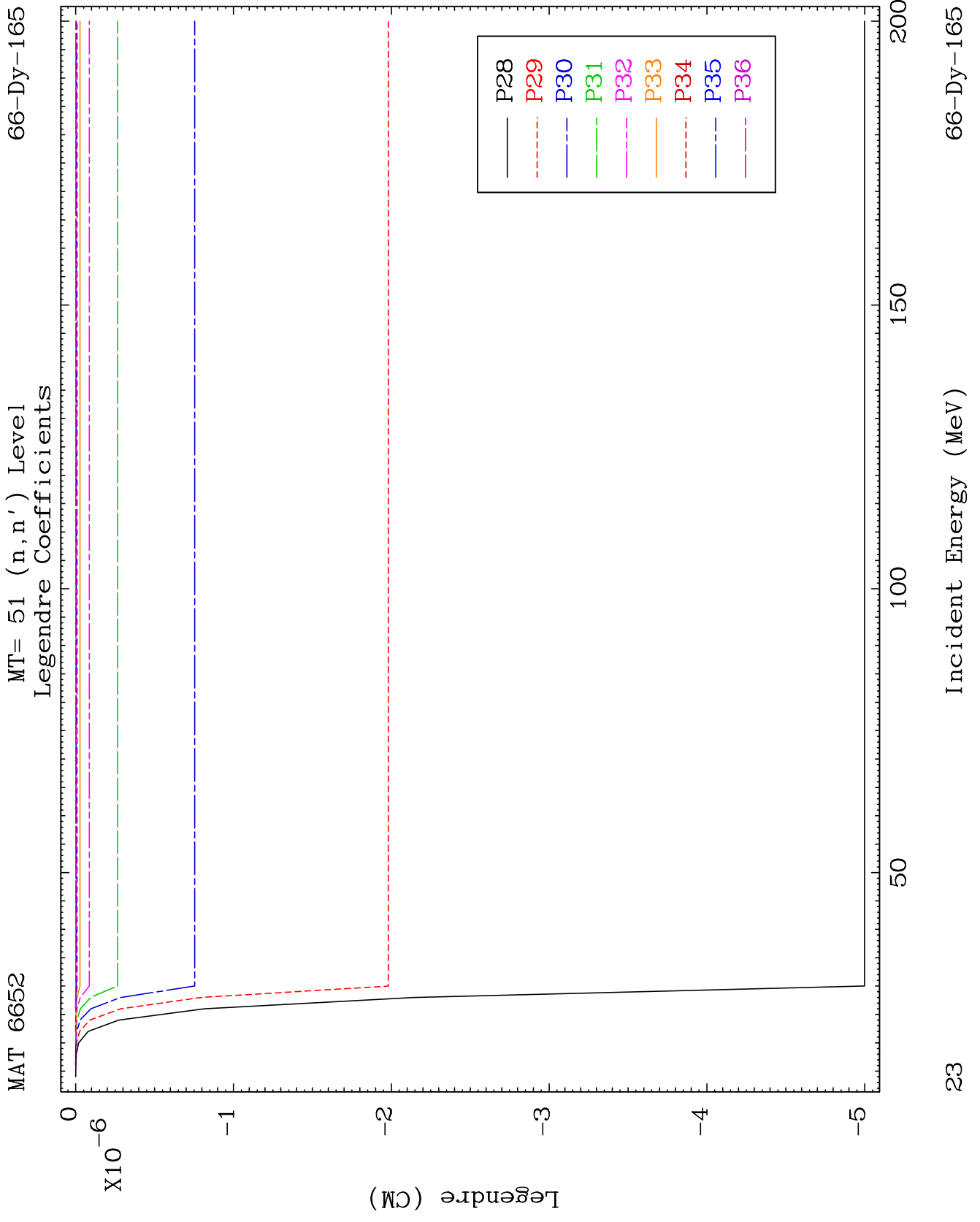
66-Dy-165

MAT 6652

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

66-Dy-165

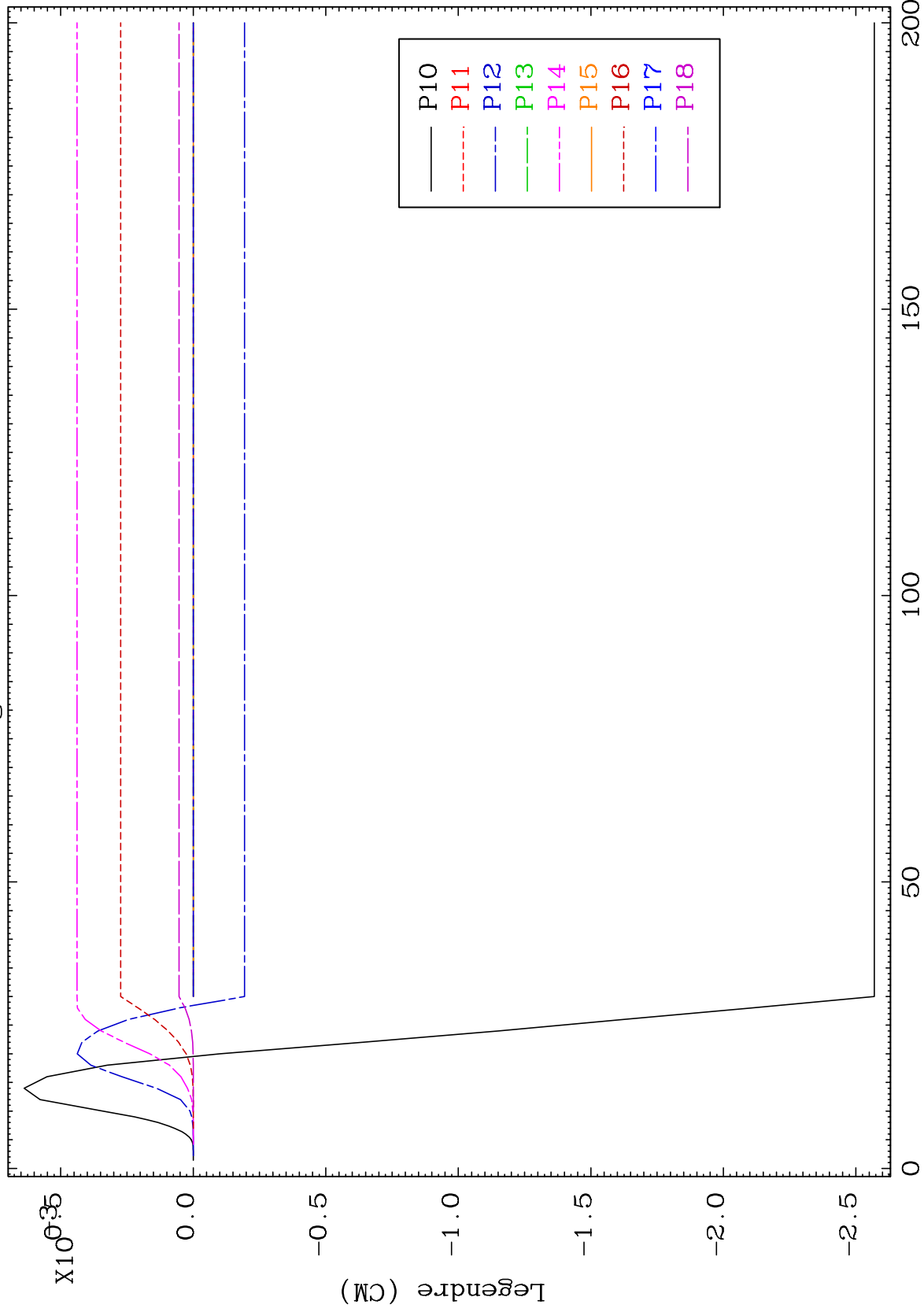




MAT 6652

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

66-Dy-165



25

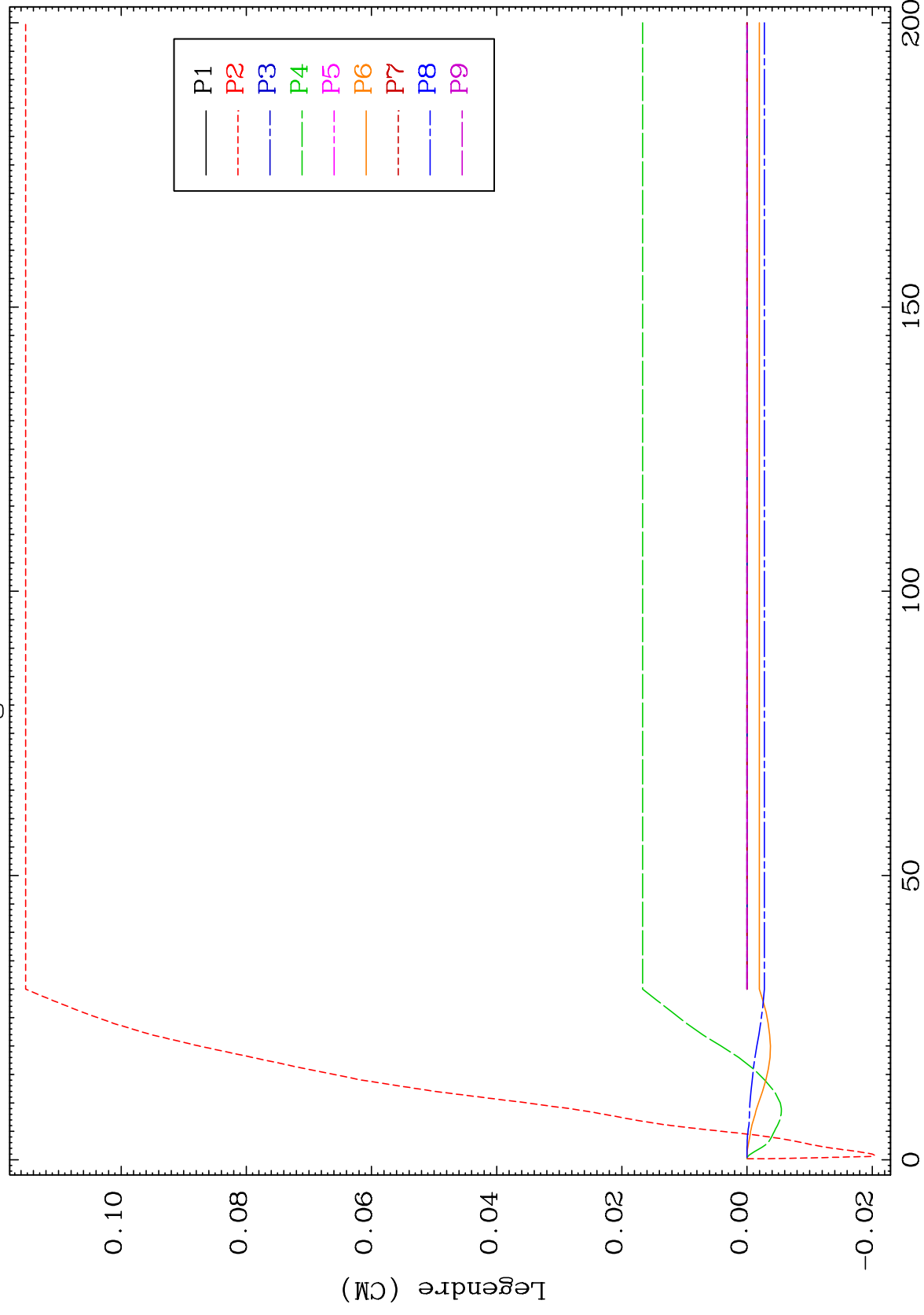
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



27

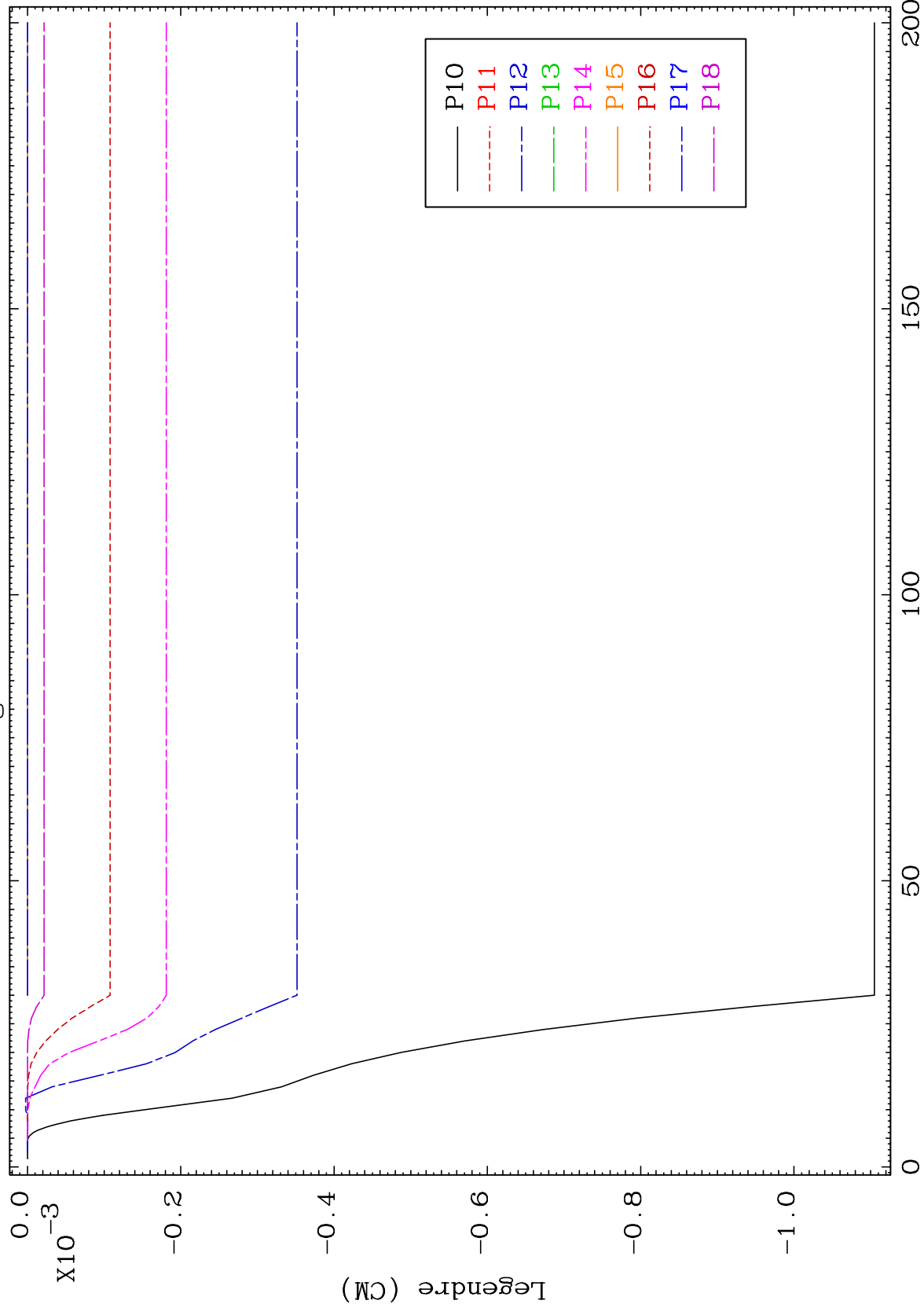
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

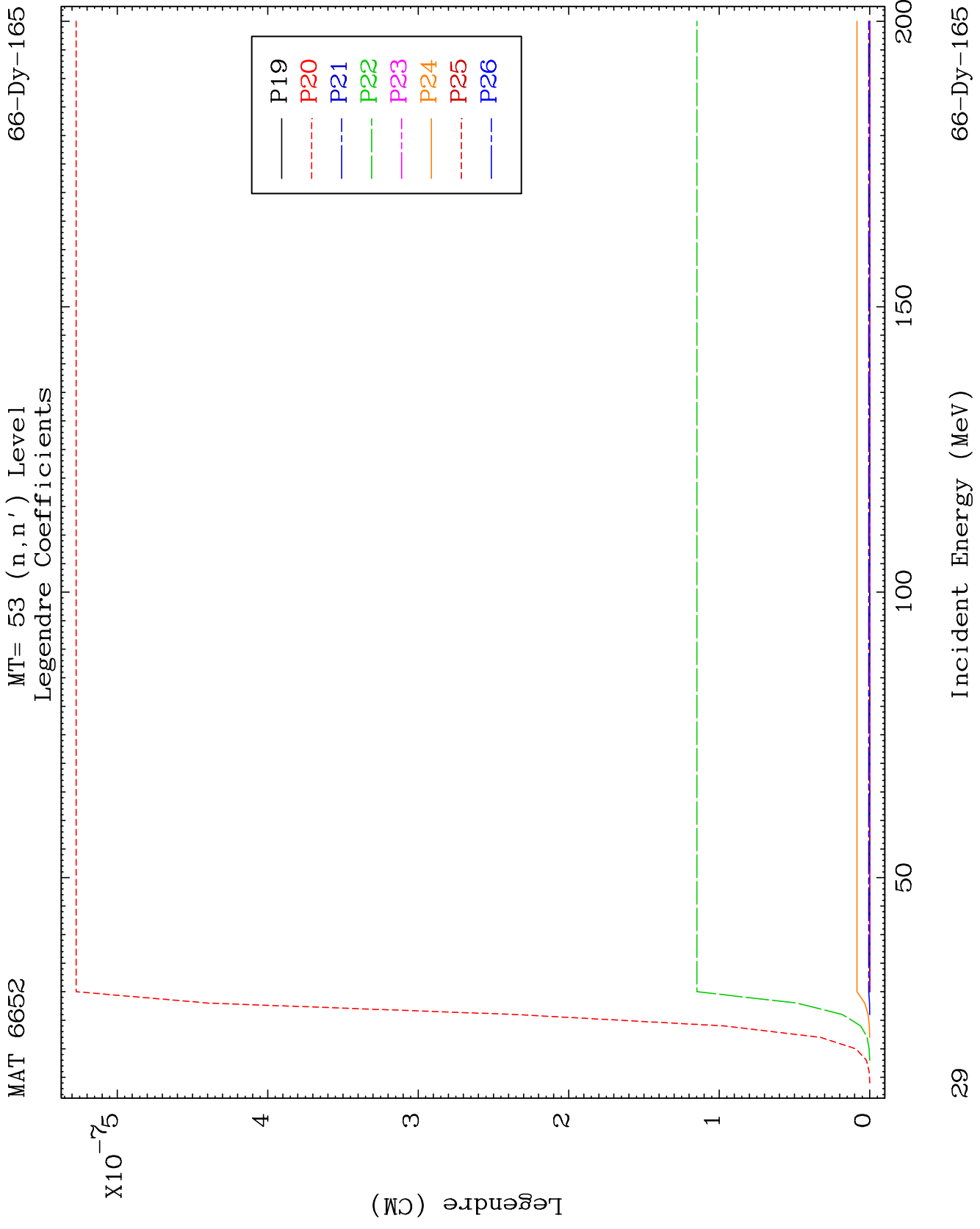
66-Dy-165



28

Incident Energy (MeV)

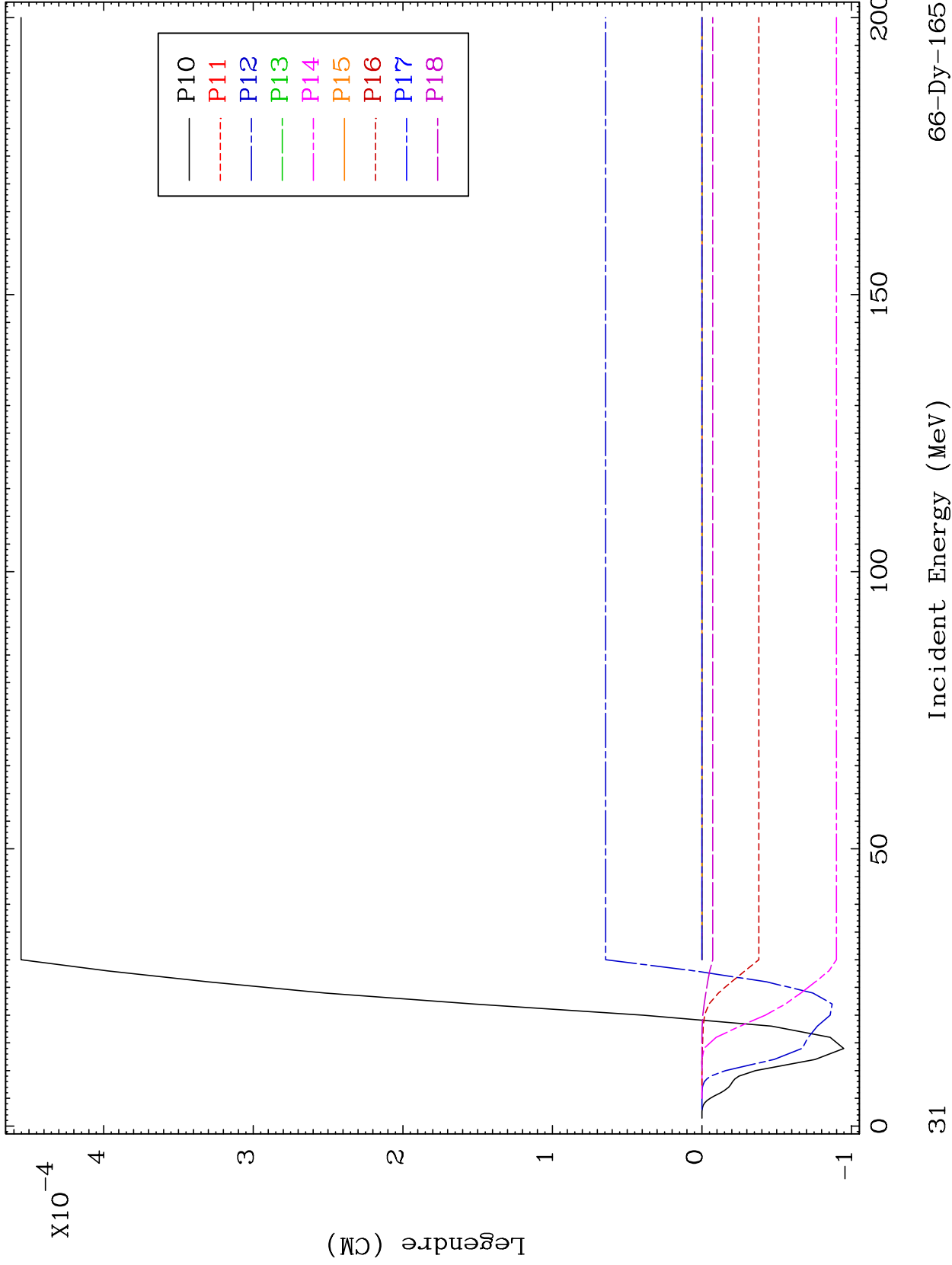
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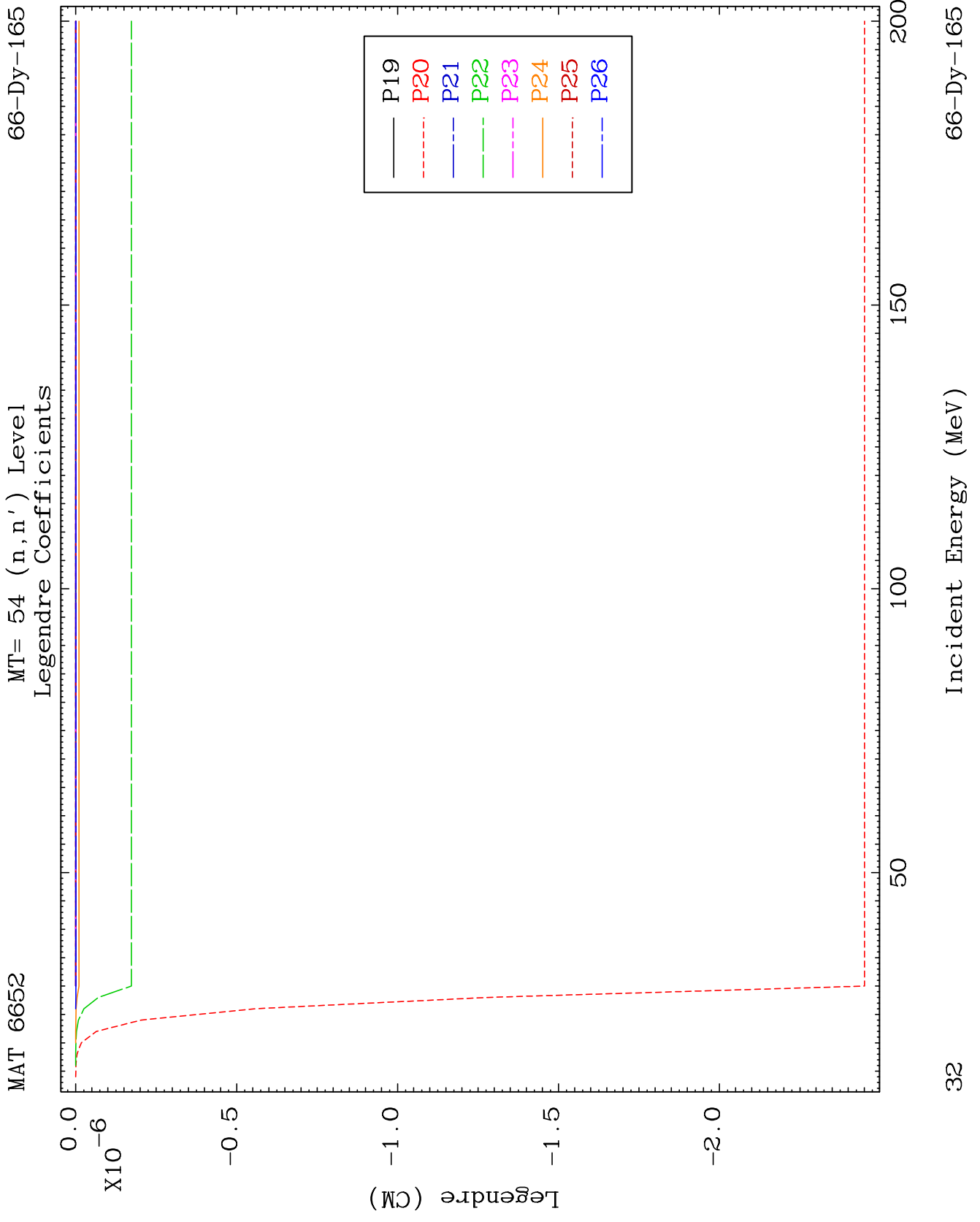


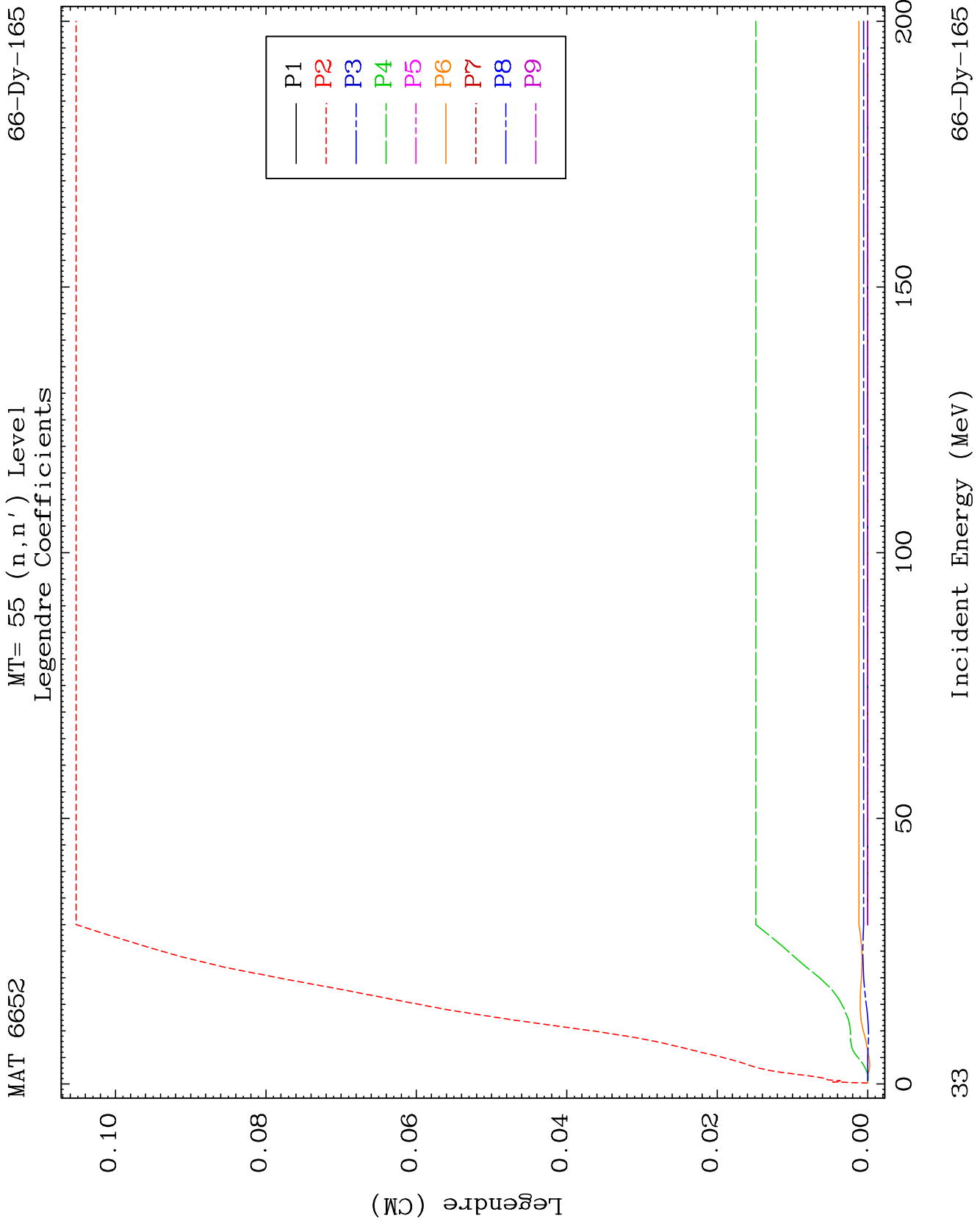
MAT 6652

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

66-Dy-165



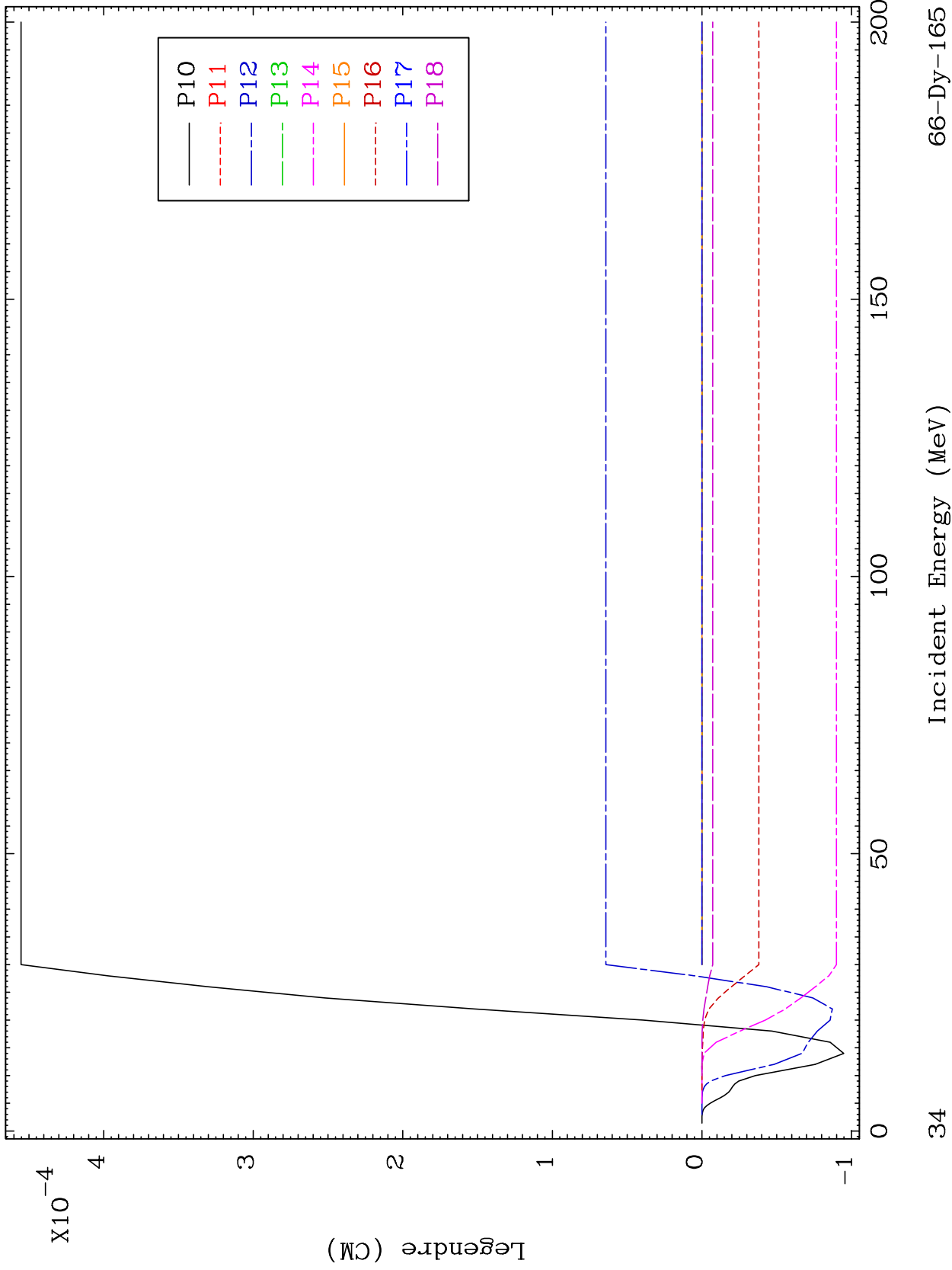




MAT 6652

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

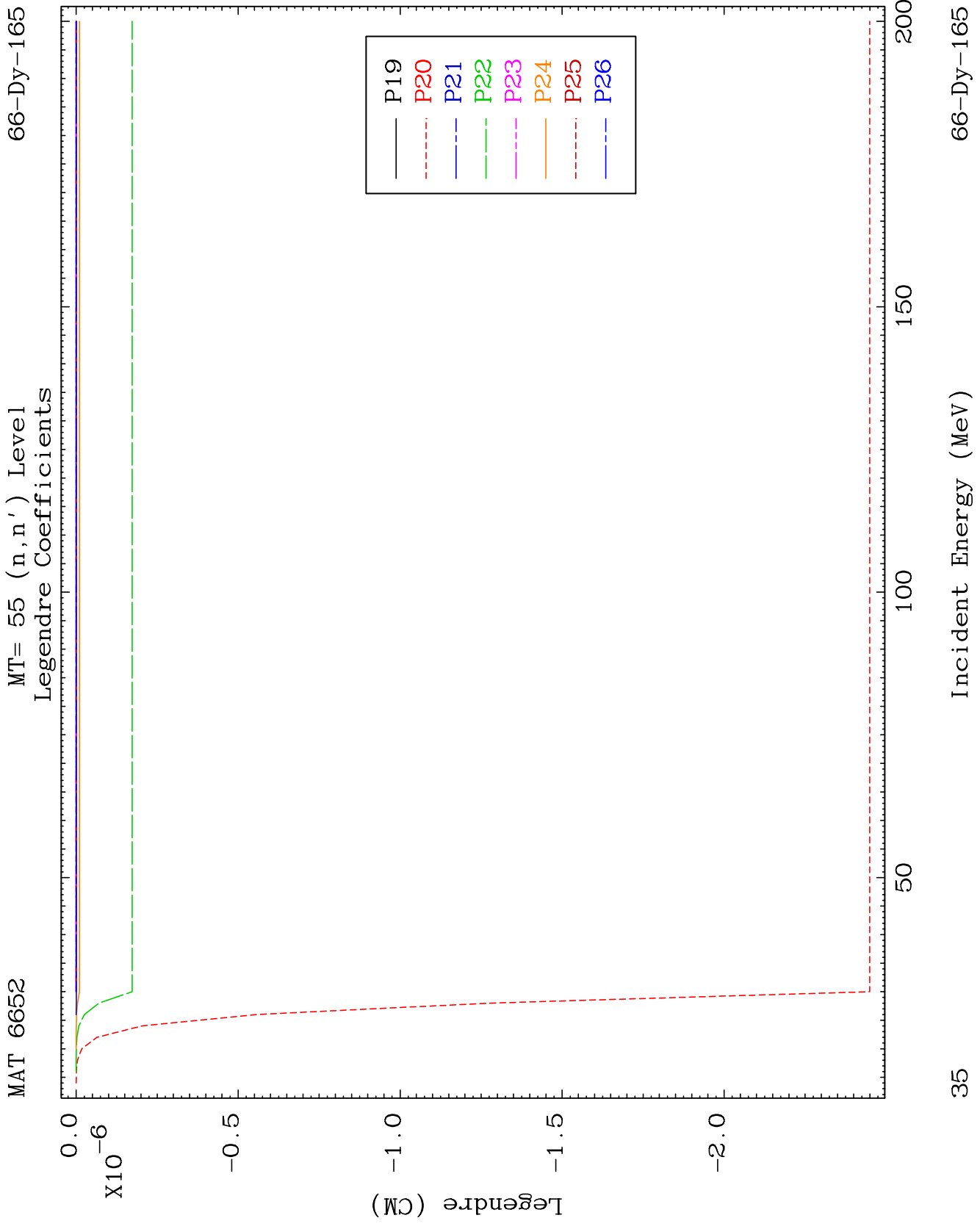
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34

Incident Energy (MeV)

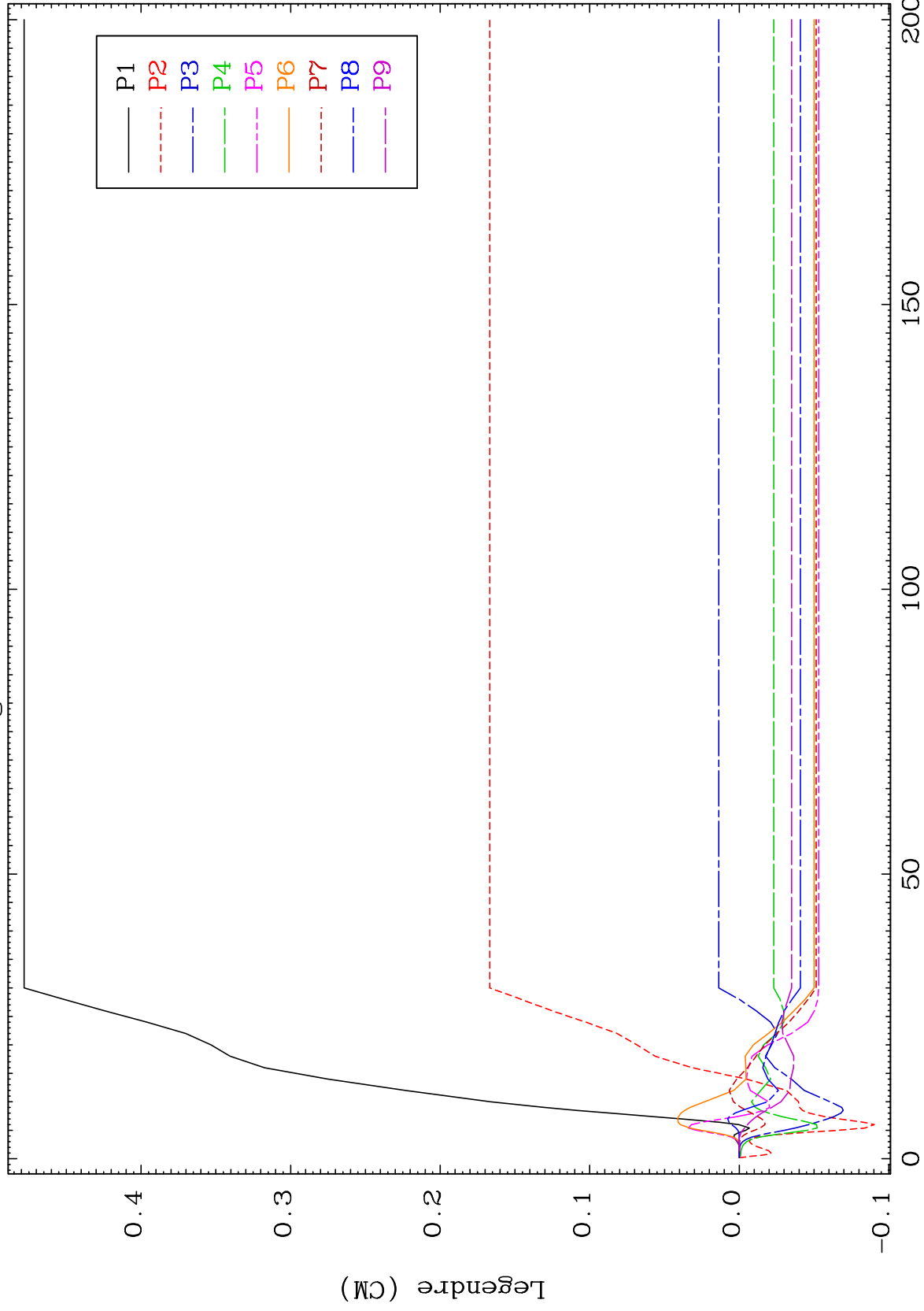
66-Dy-165



MAT 6652

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

66-Dy-165



36

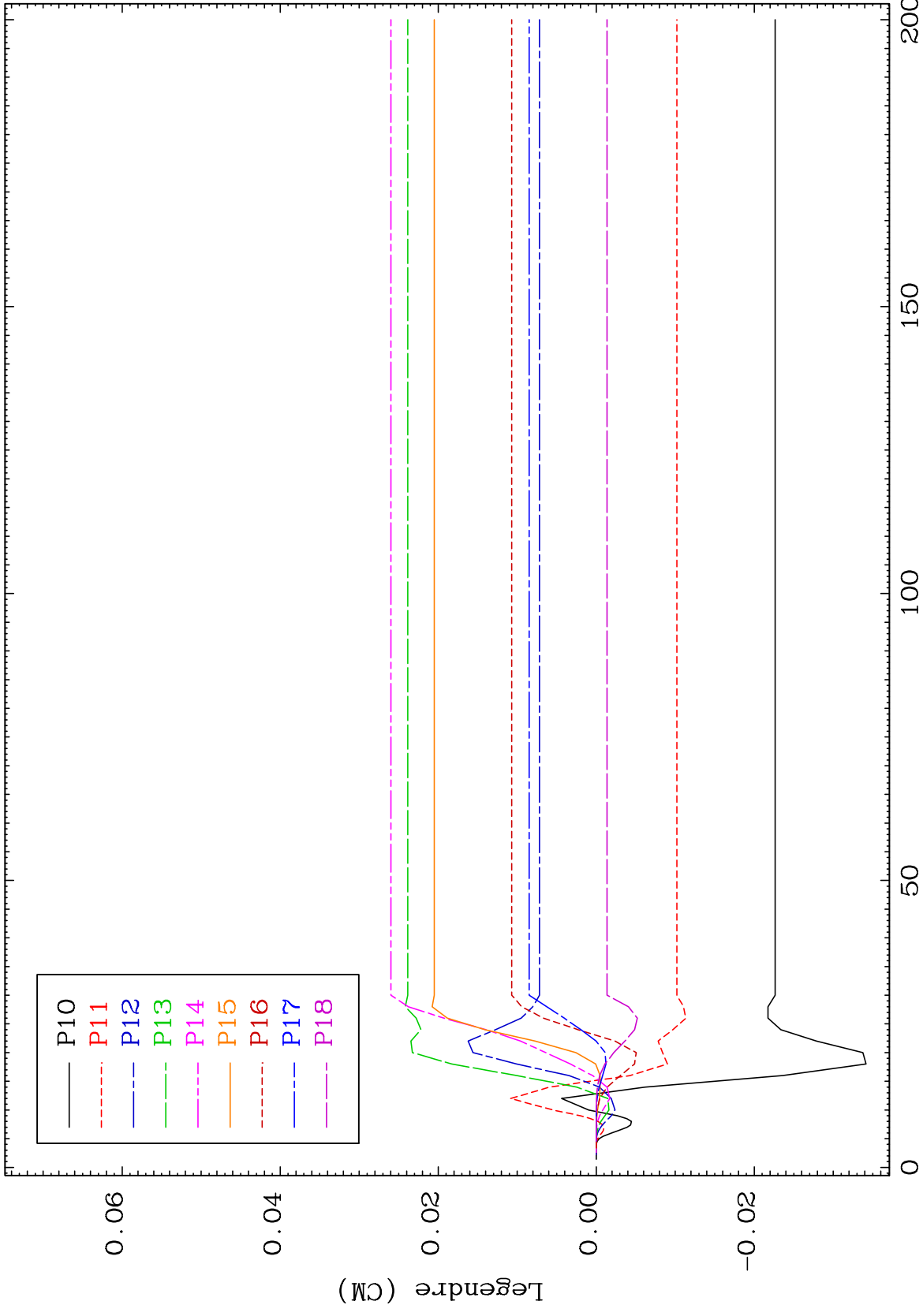
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



37

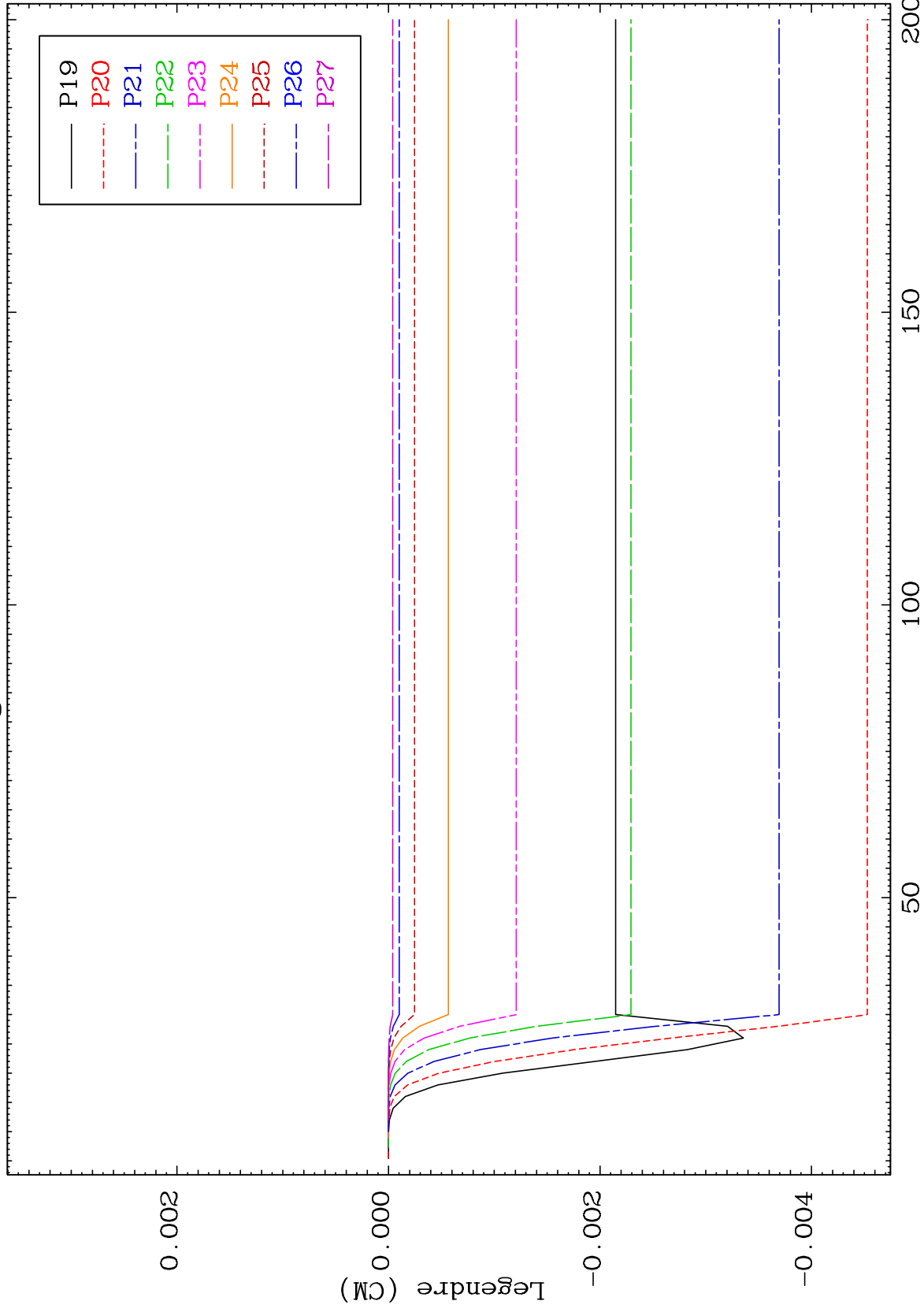
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165

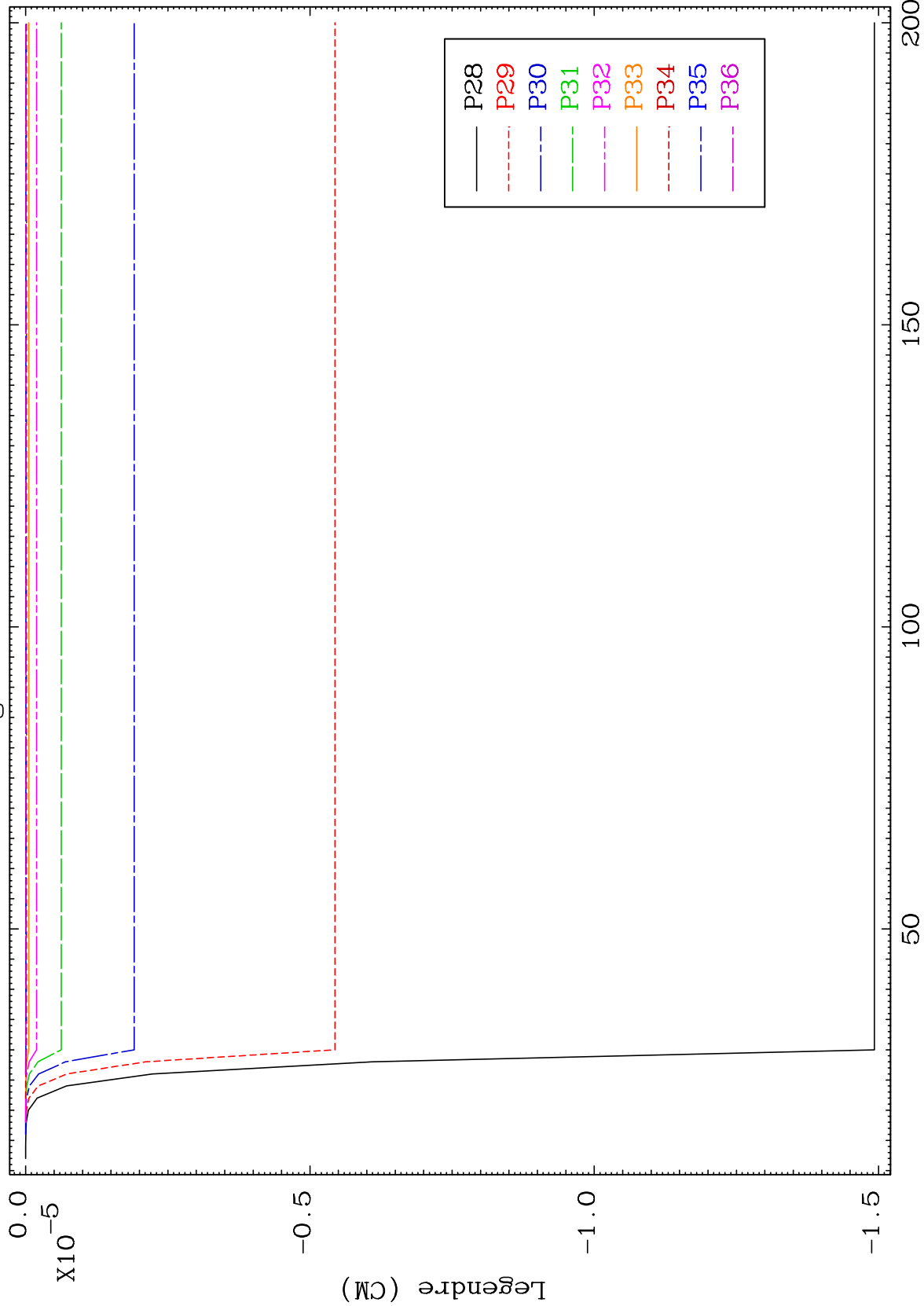


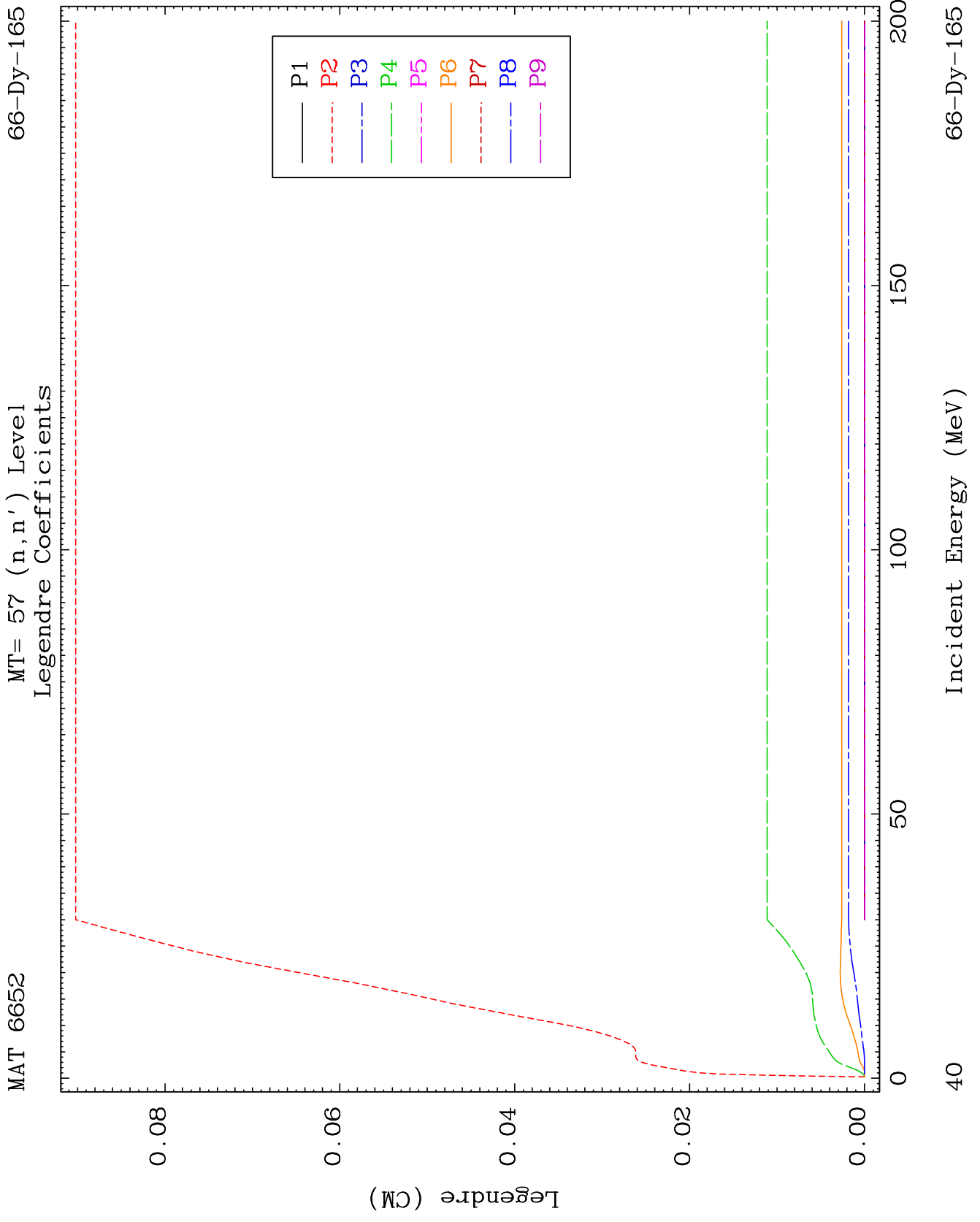
38

Incident Energy (MeV)

66-Dy-165

Legendre Coefficients

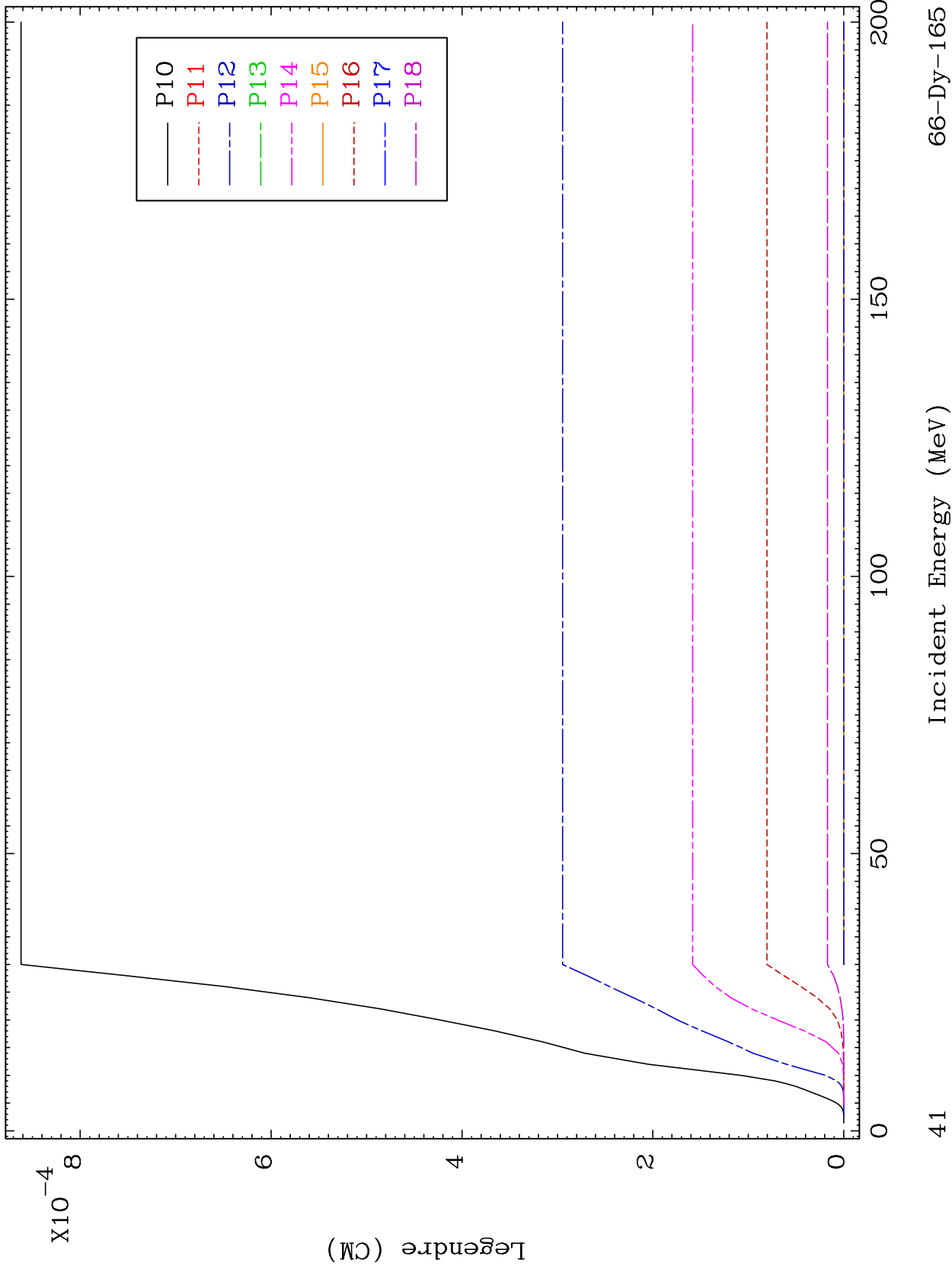


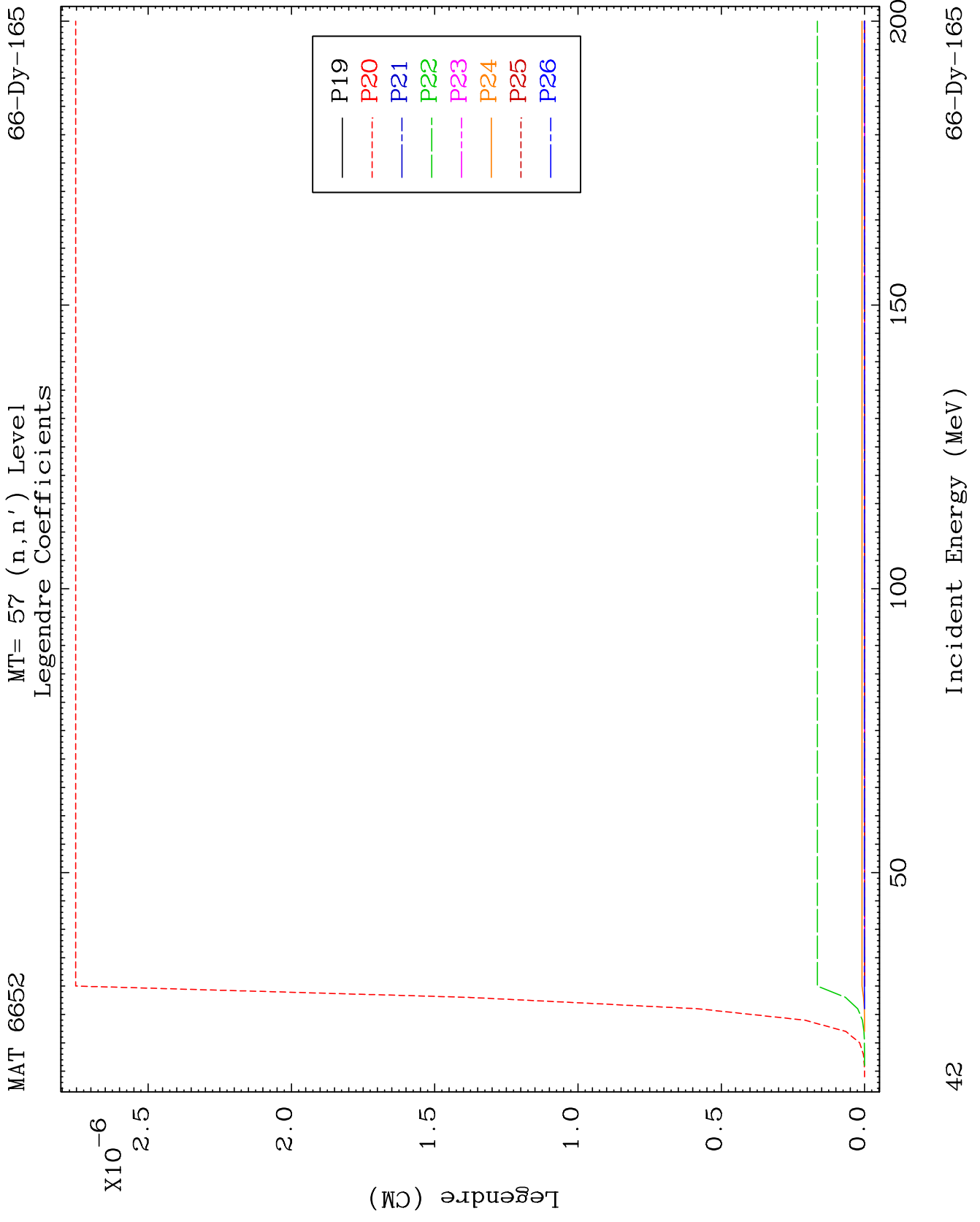


MAT 6652

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

66-Dy-165

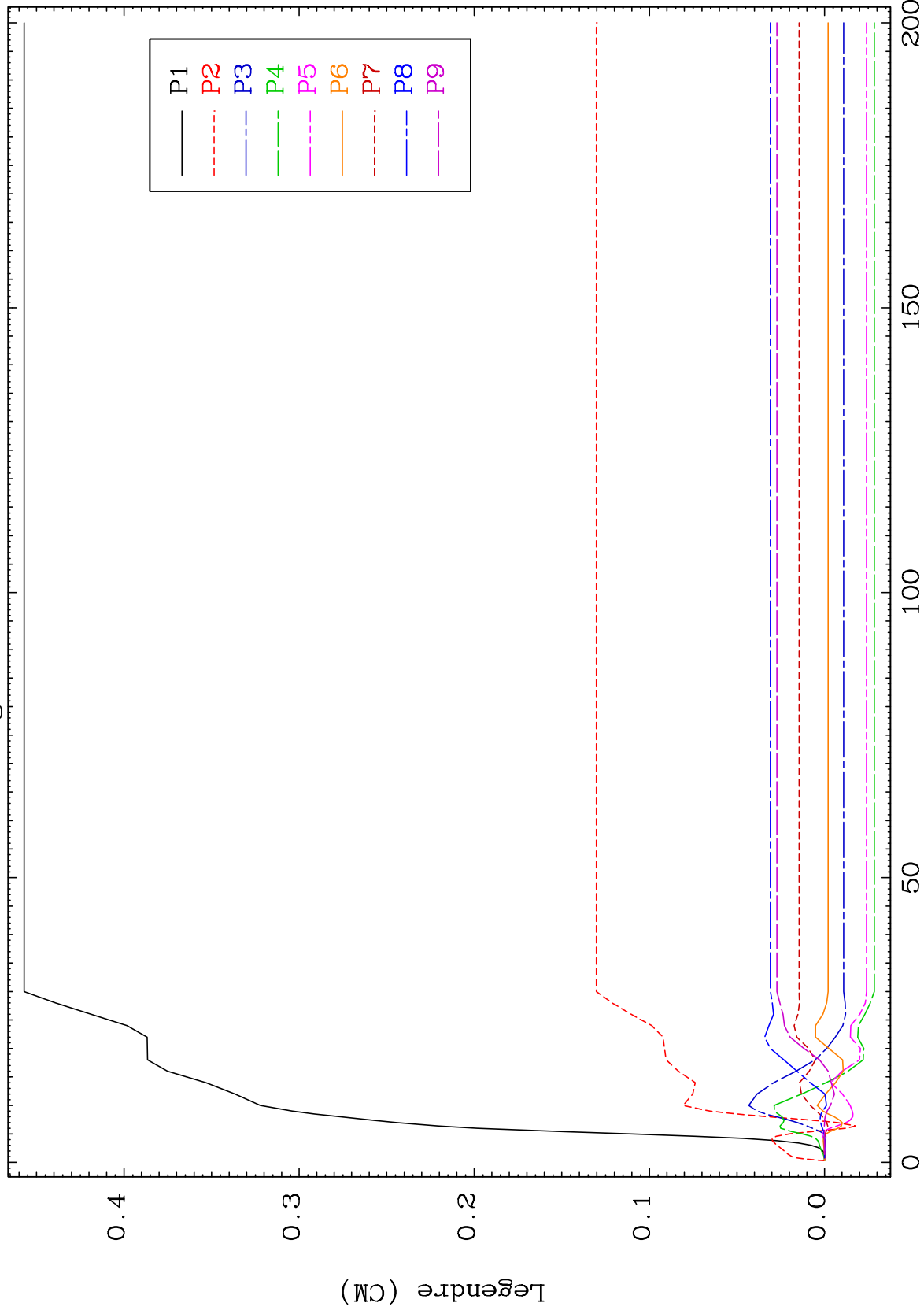




MAT 6652

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

66-Dy-165



43

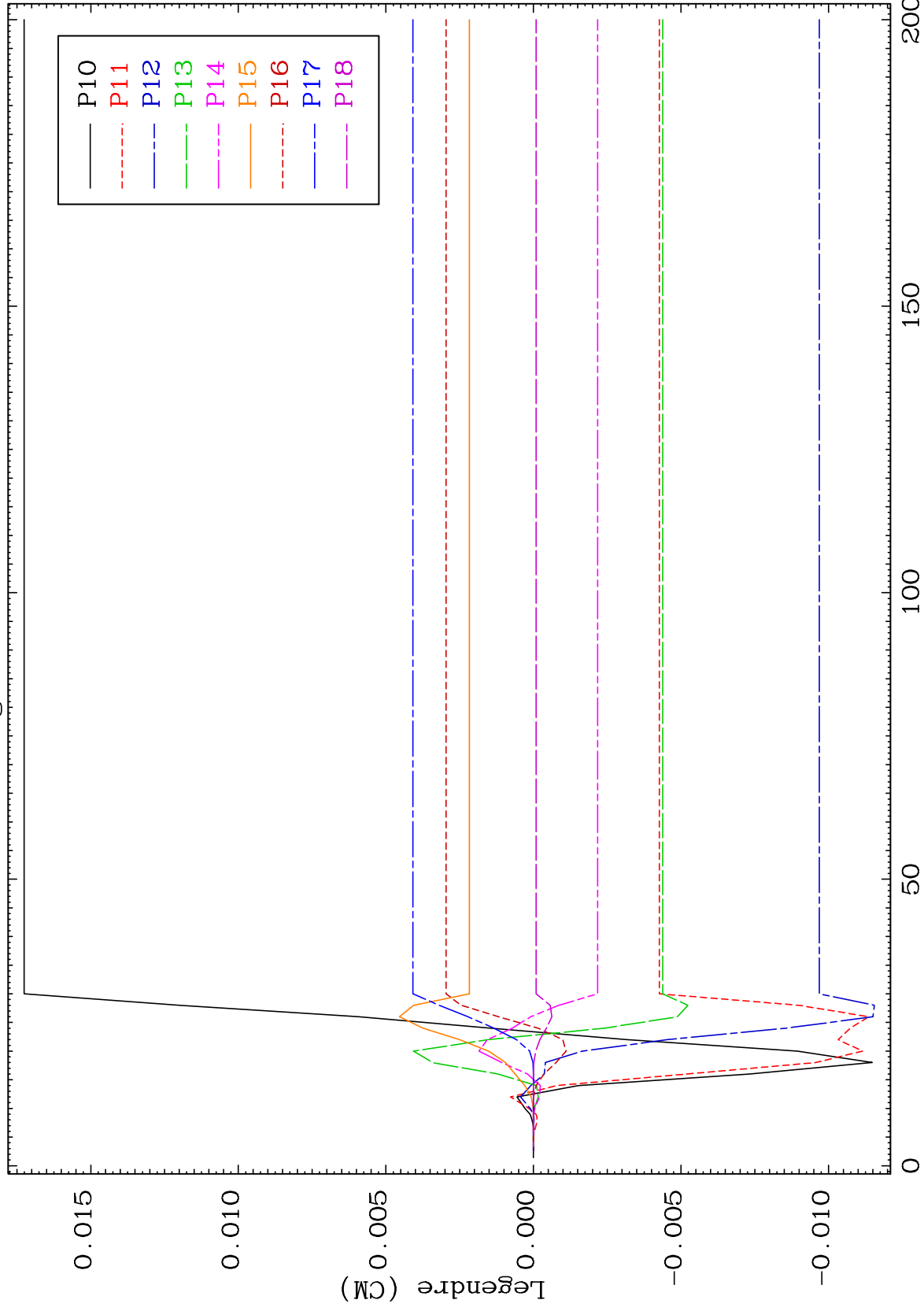
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



44

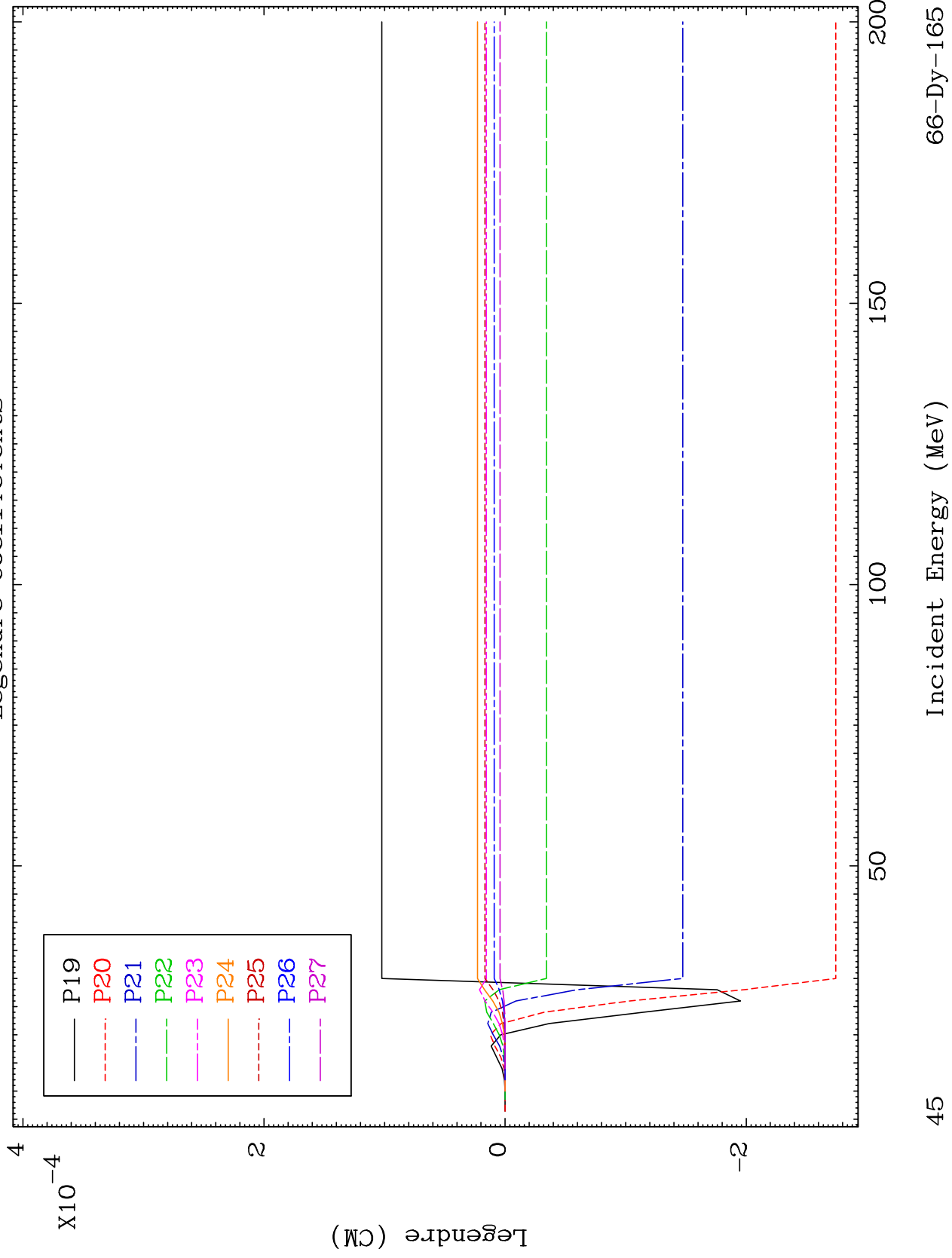
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

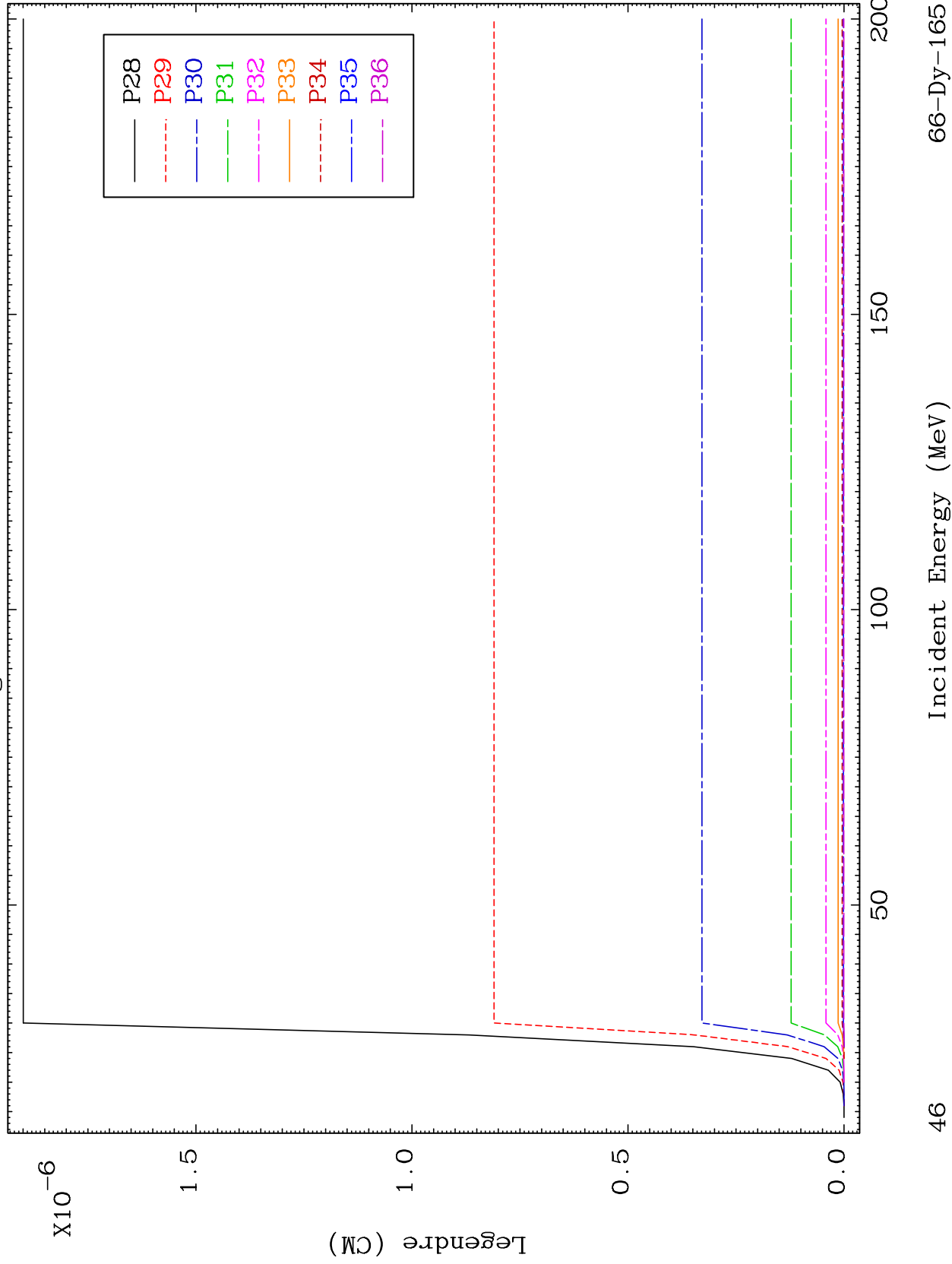
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MAT 6652

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

66-Dy-165



46

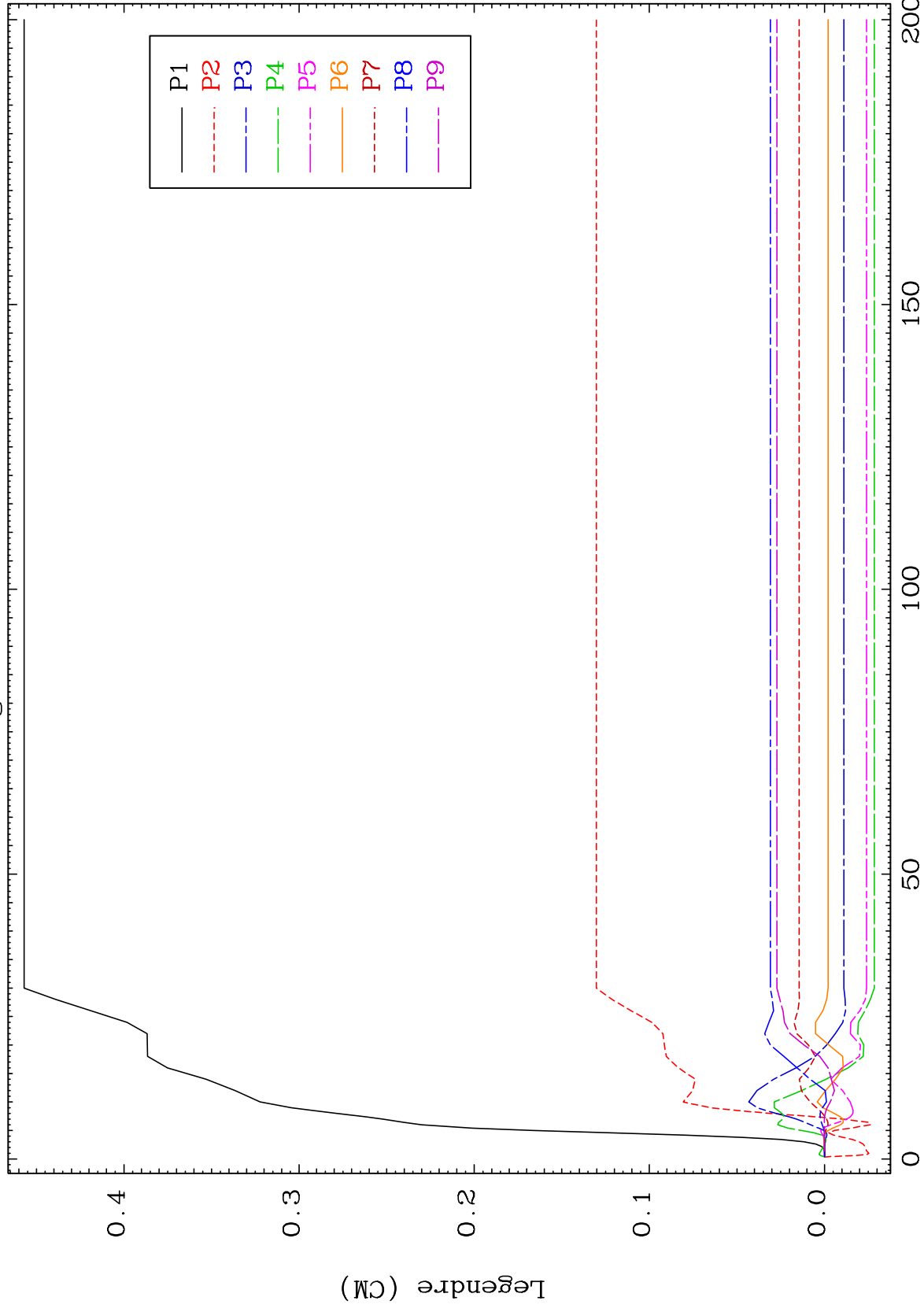
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



47

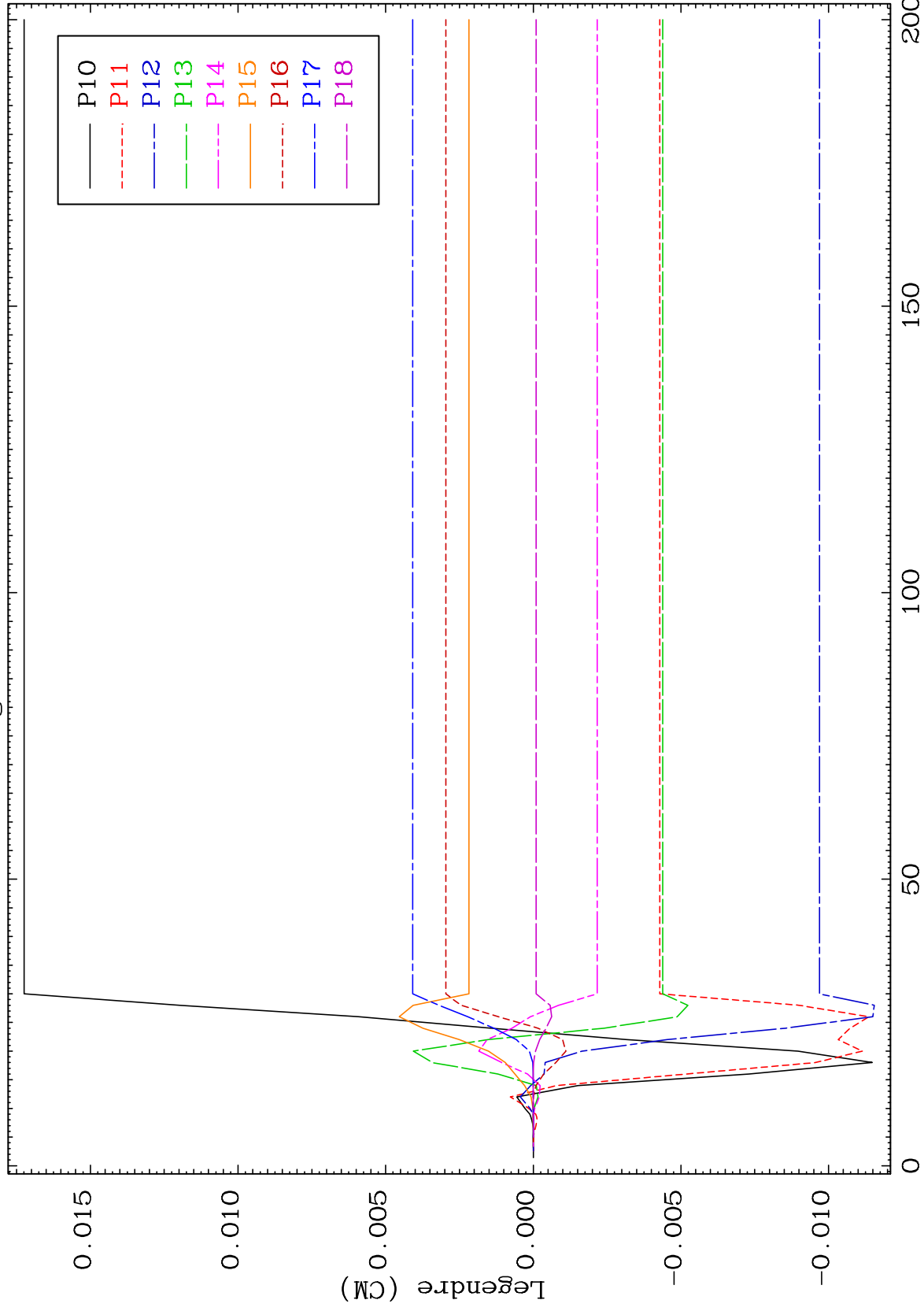
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



48

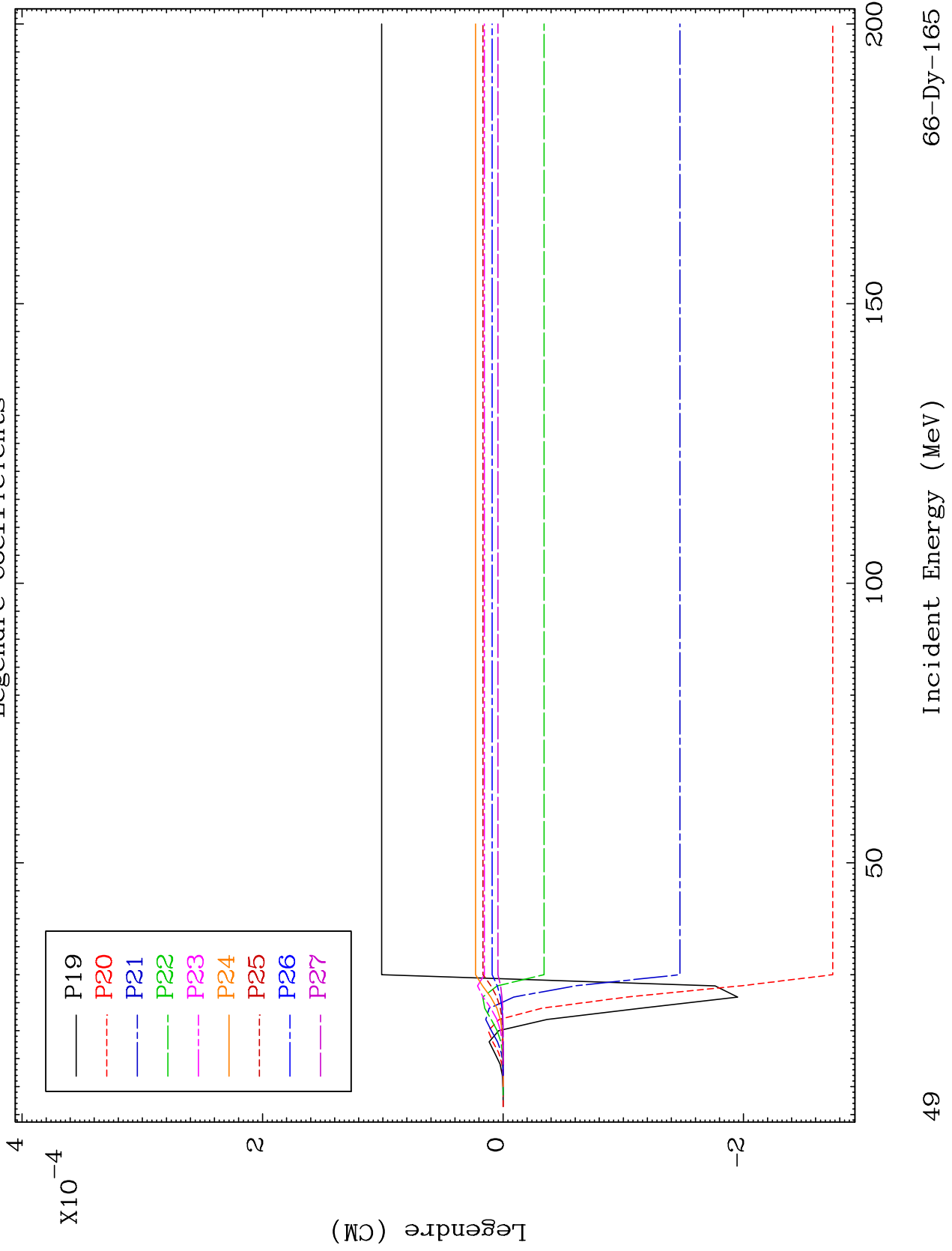
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



49

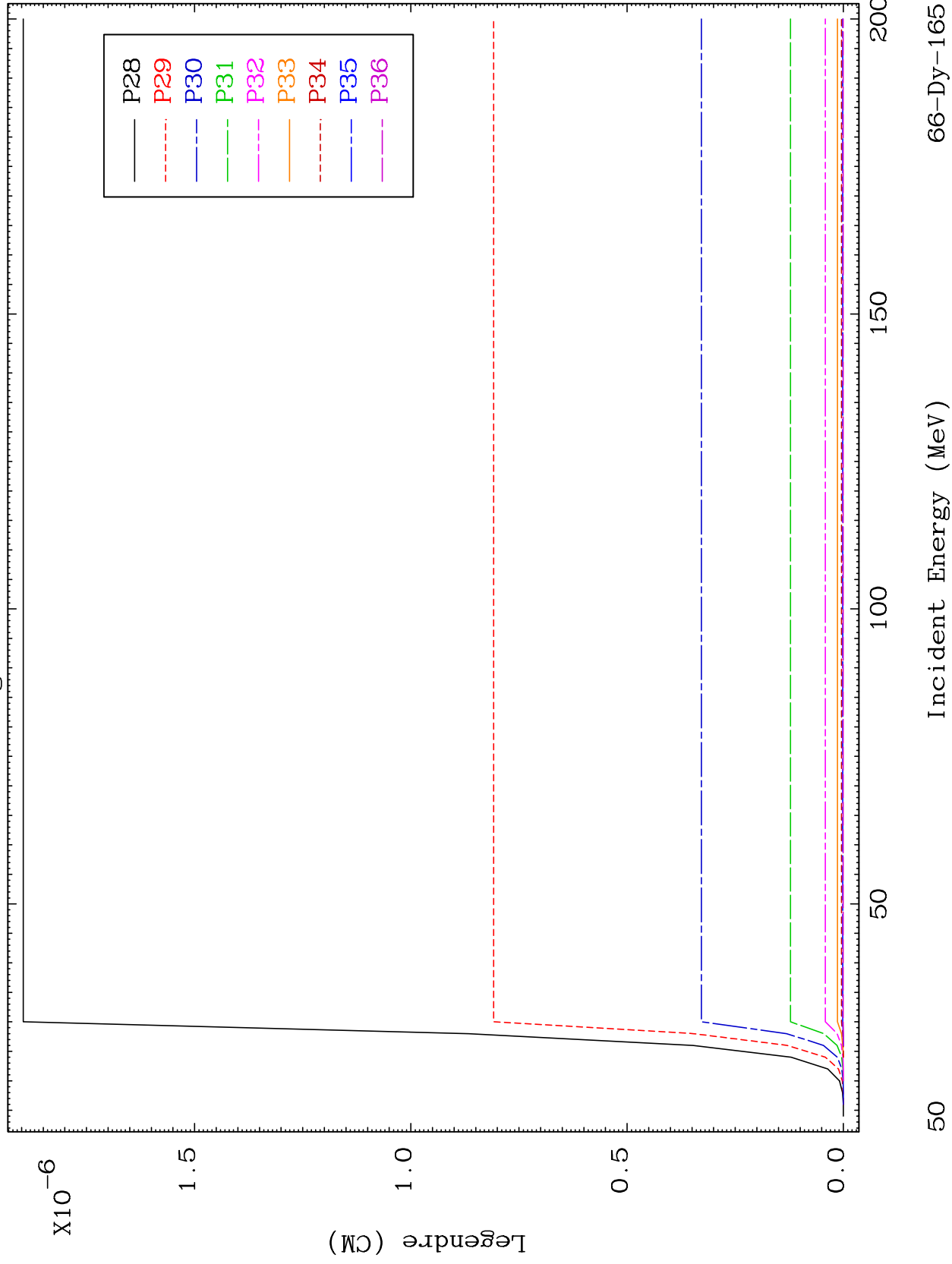
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

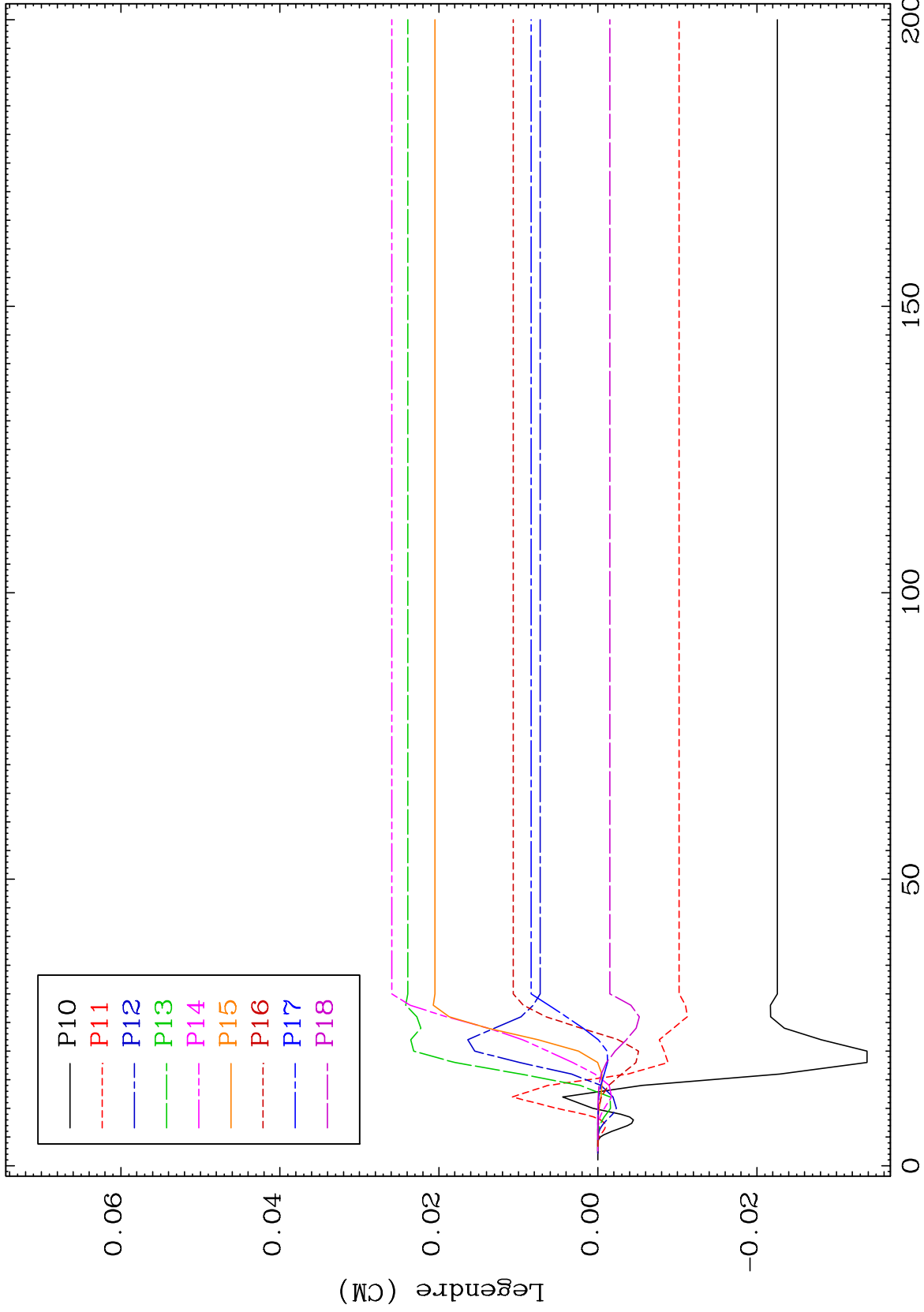
66-Dy-165



MAT 6652

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

66-Dy-165



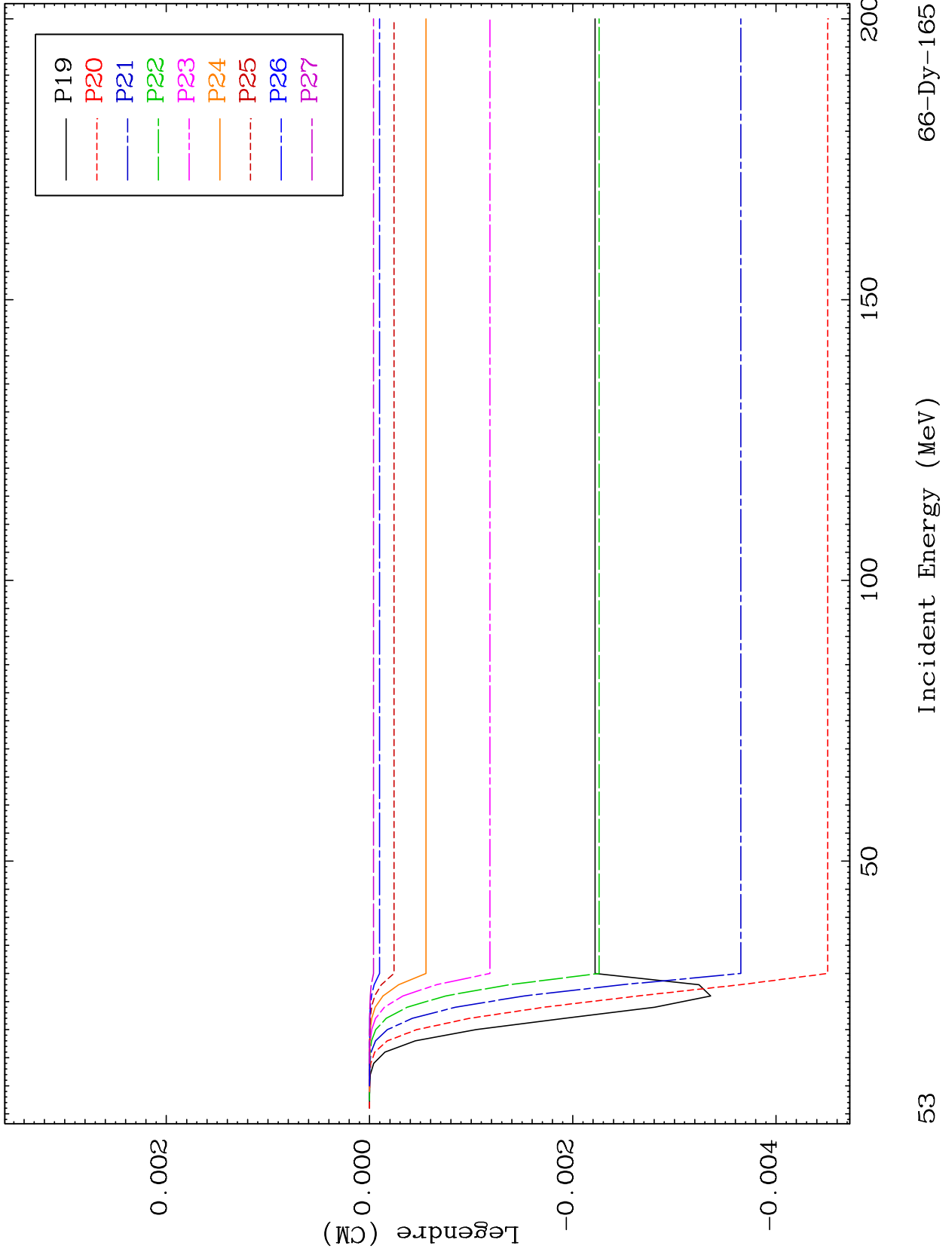
52

66-Dy-165

MAT 6652

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

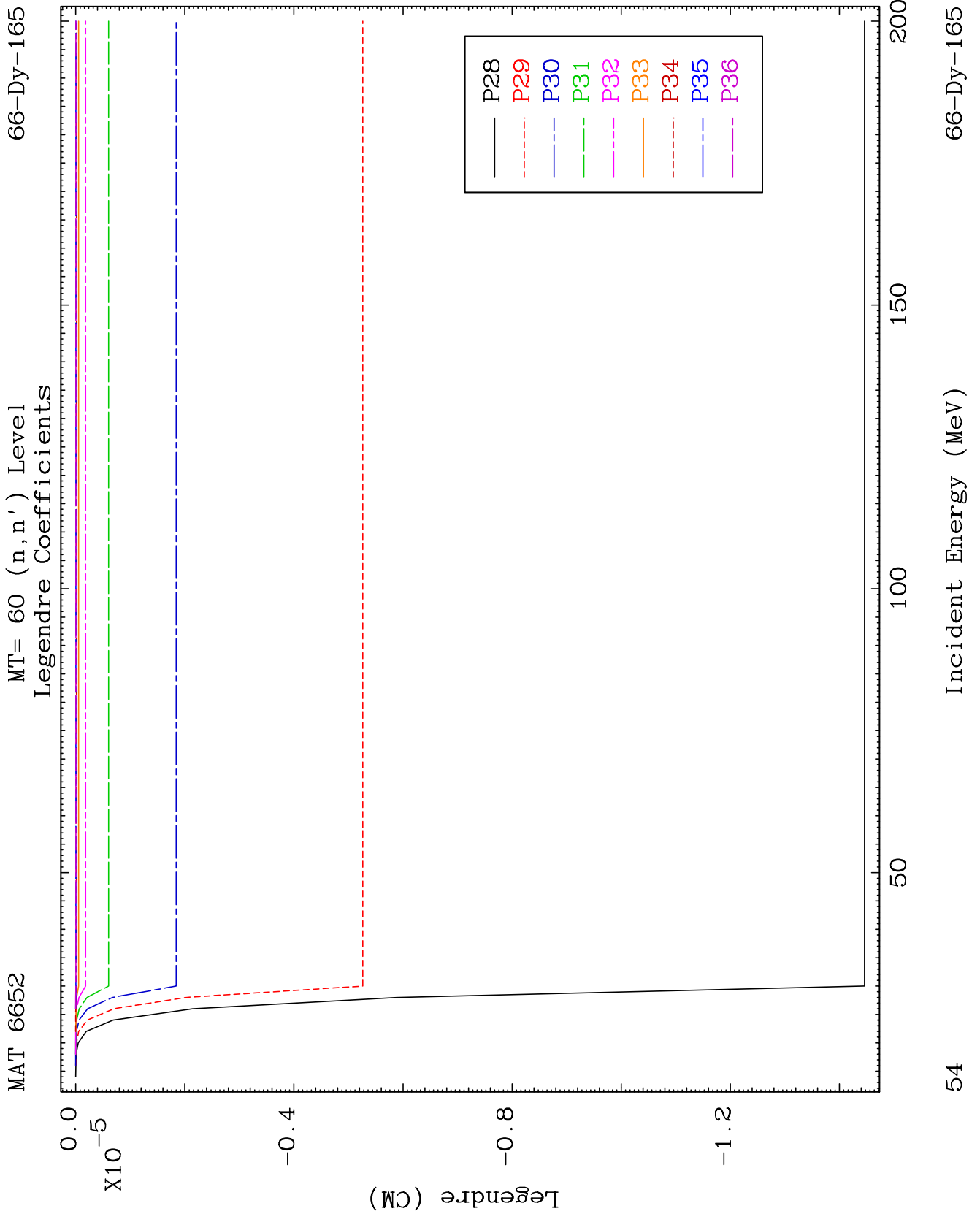
66-Dy-165



53

Incident Energy (MeV)

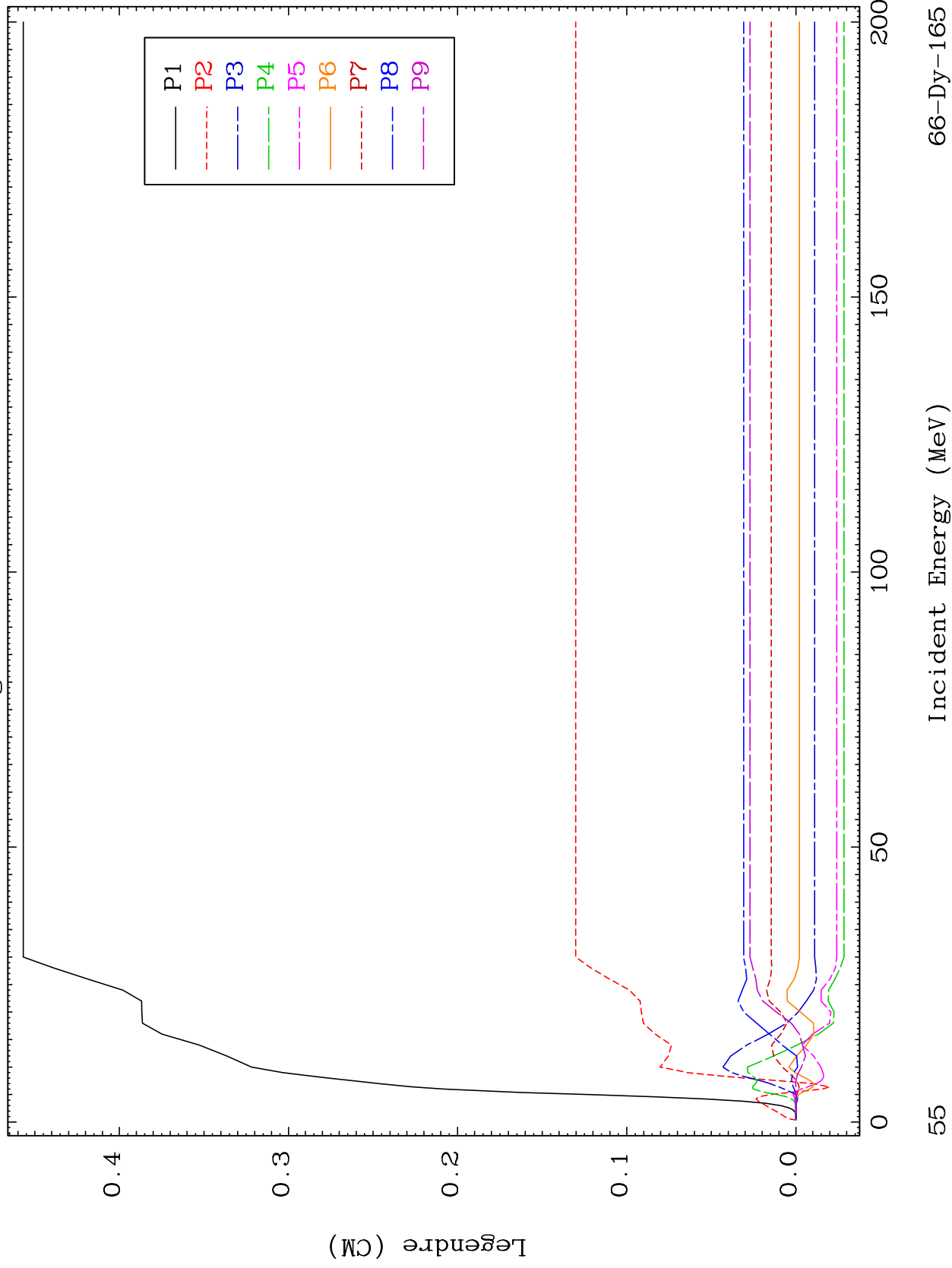
66-Dy-165



MAT 6652

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

66-Dy-165



66-Dy-165

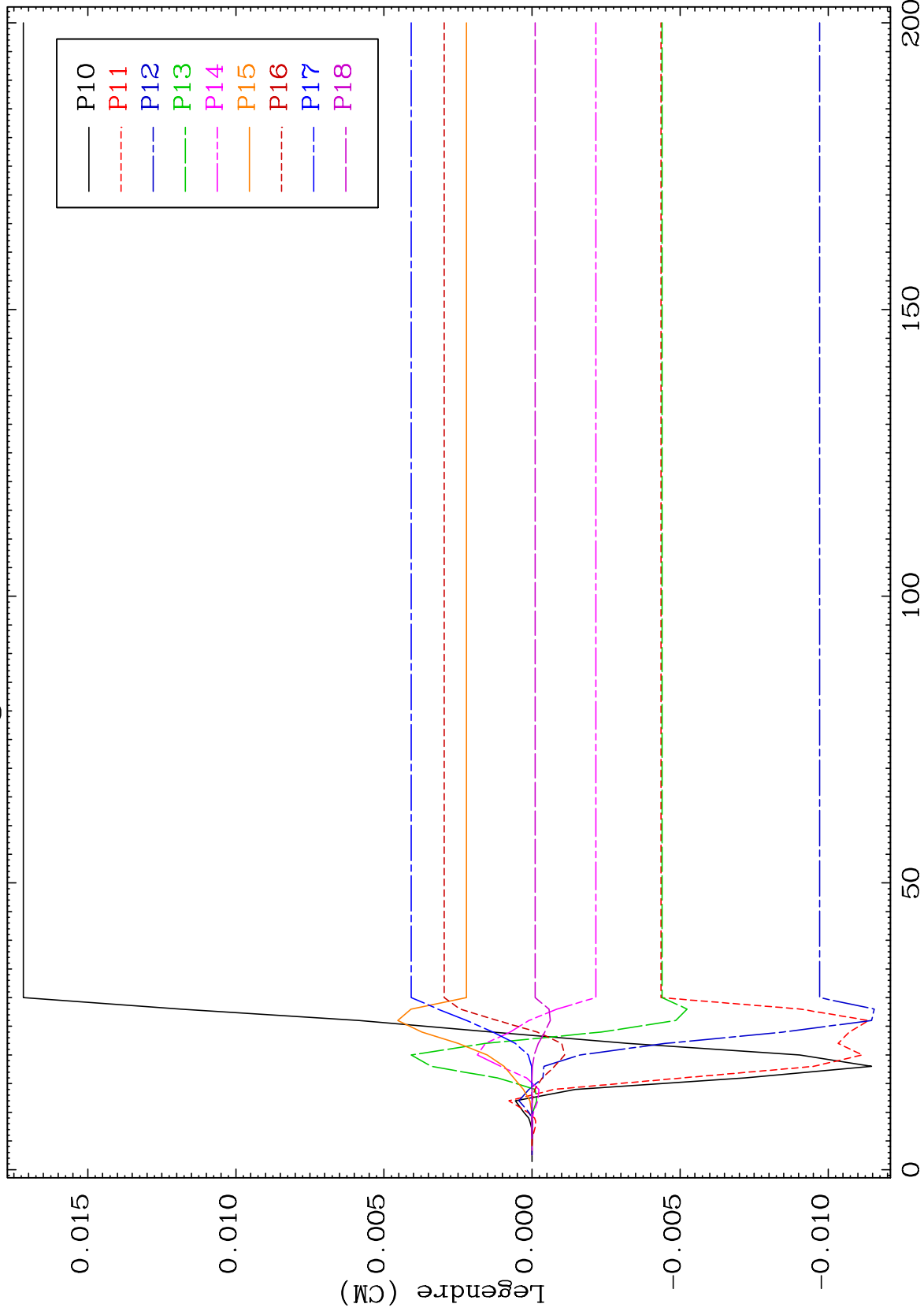
Incident Energy (MeV)

55

MAT 6652

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

66-Dy-165



Incident Energy (MeV)

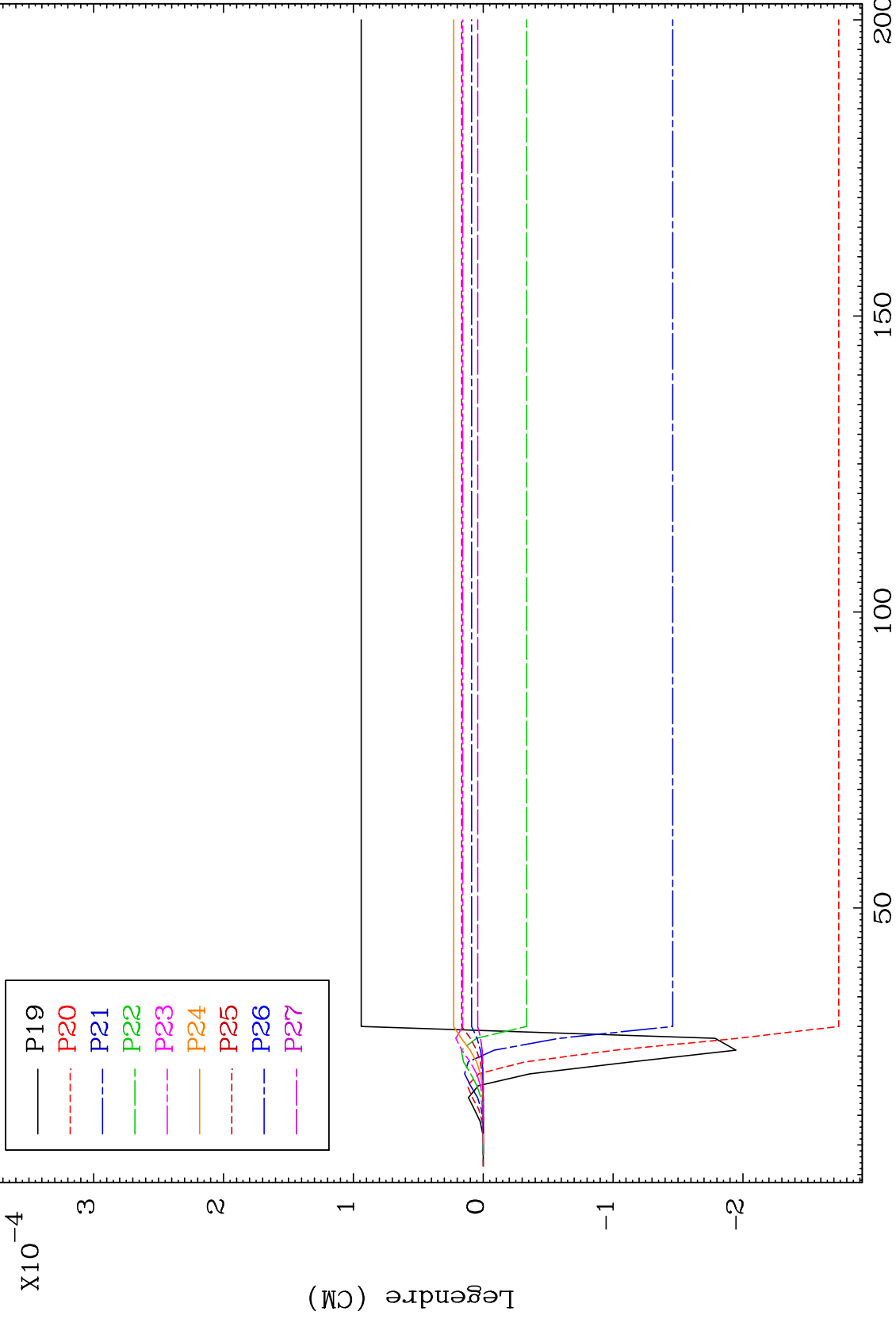
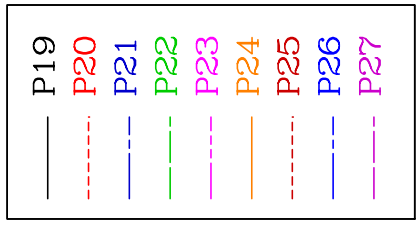
66-Dy-165

56

MAT 6652

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

66-Dy-165



57

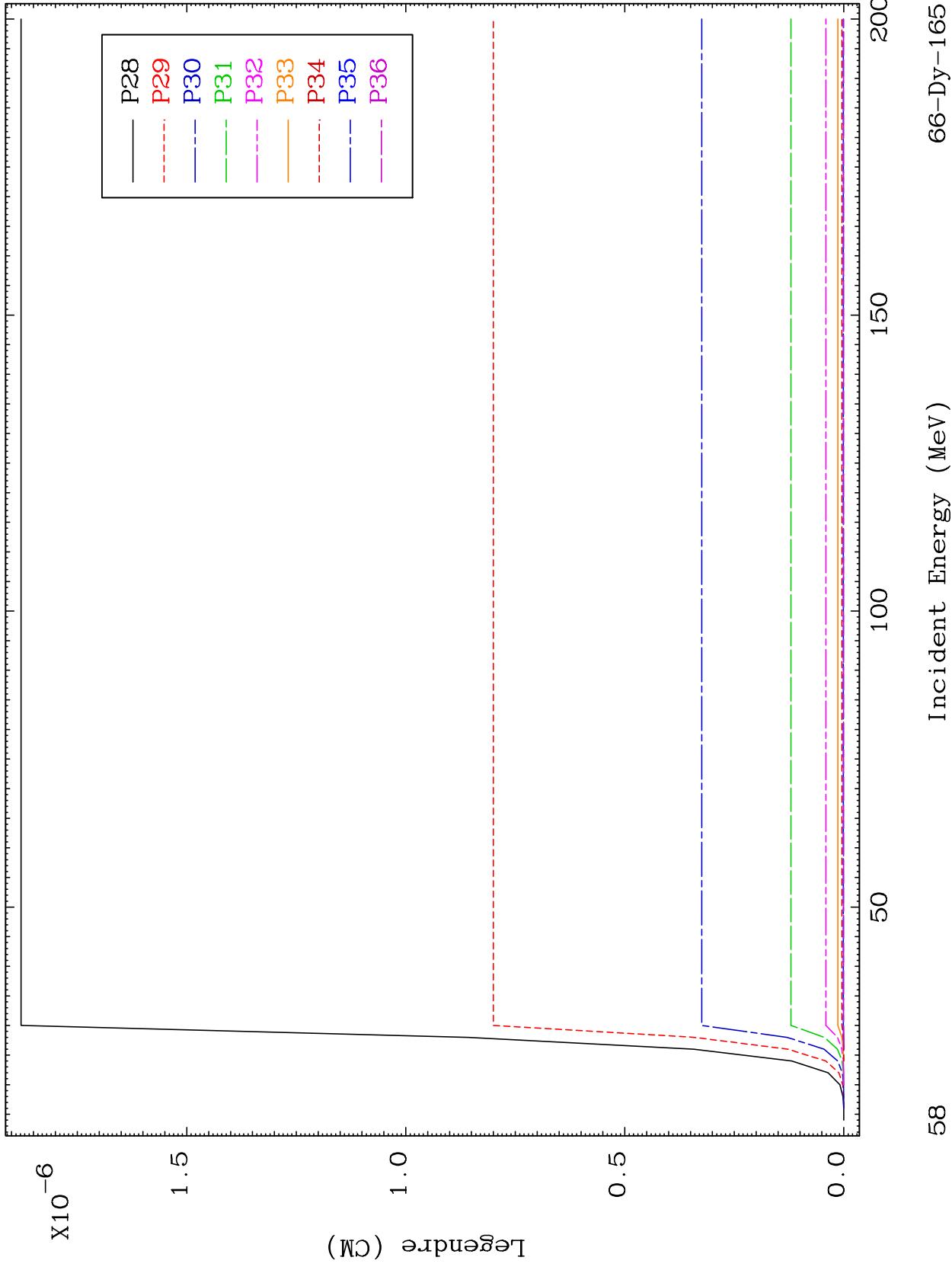
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



58

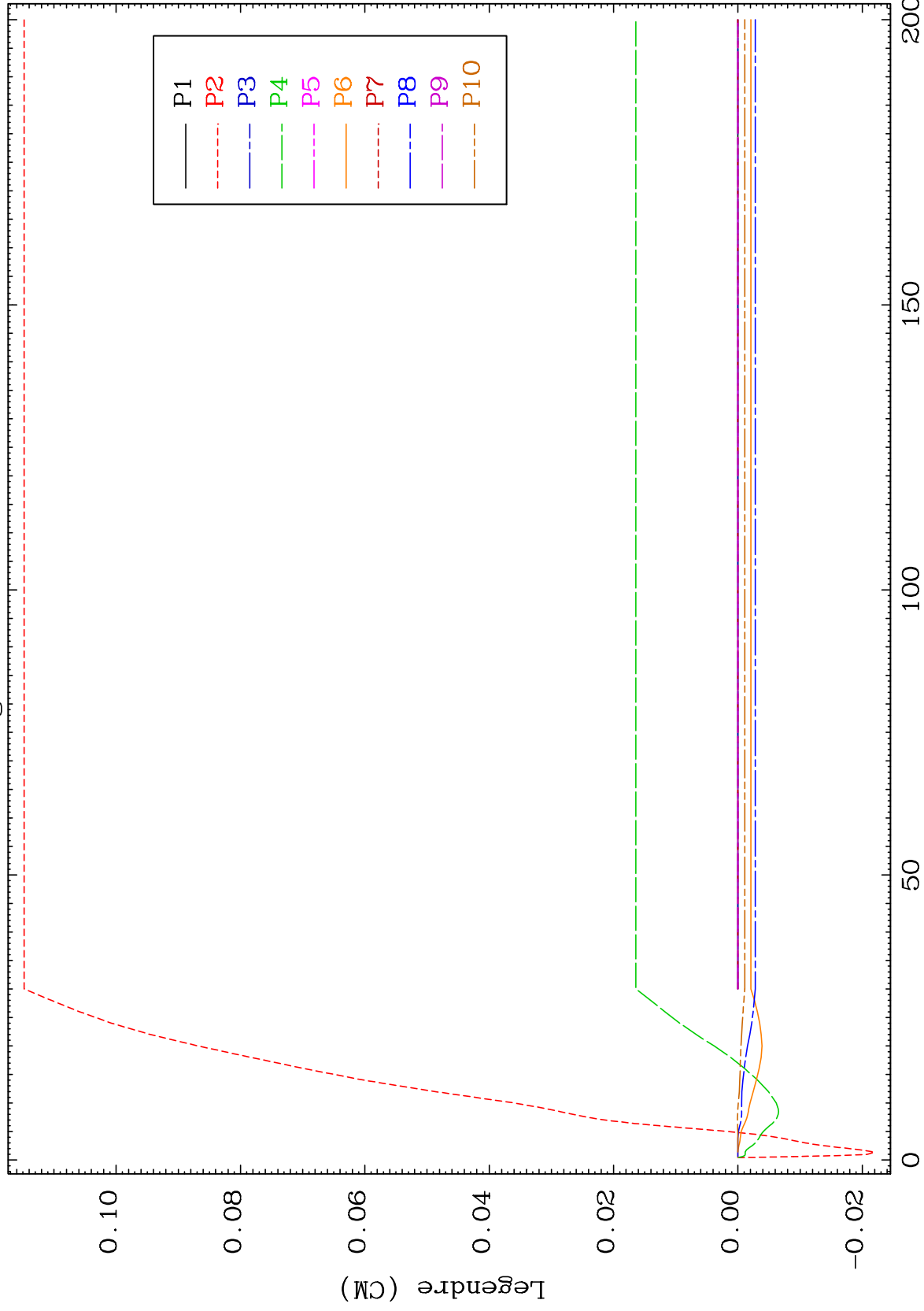
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

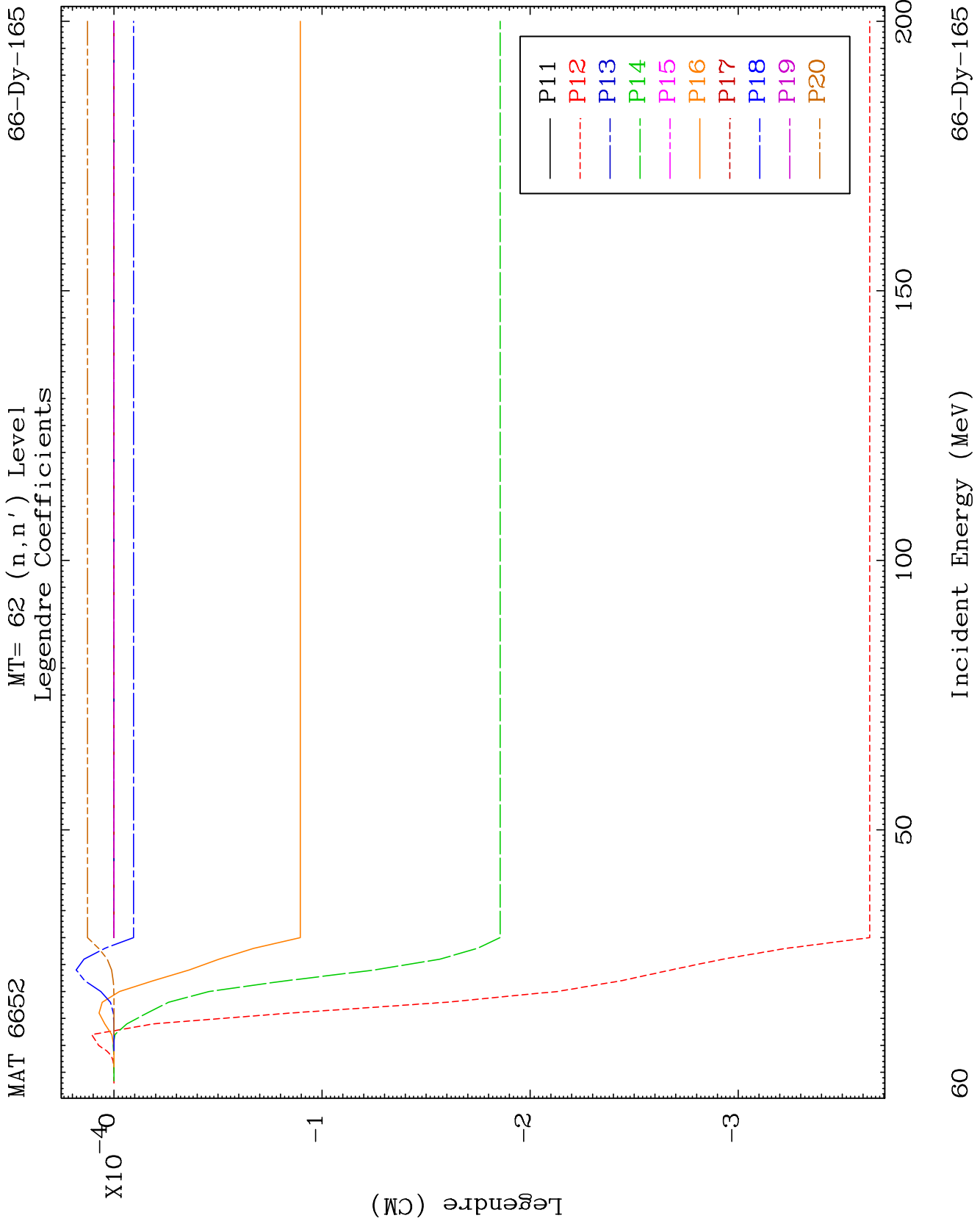
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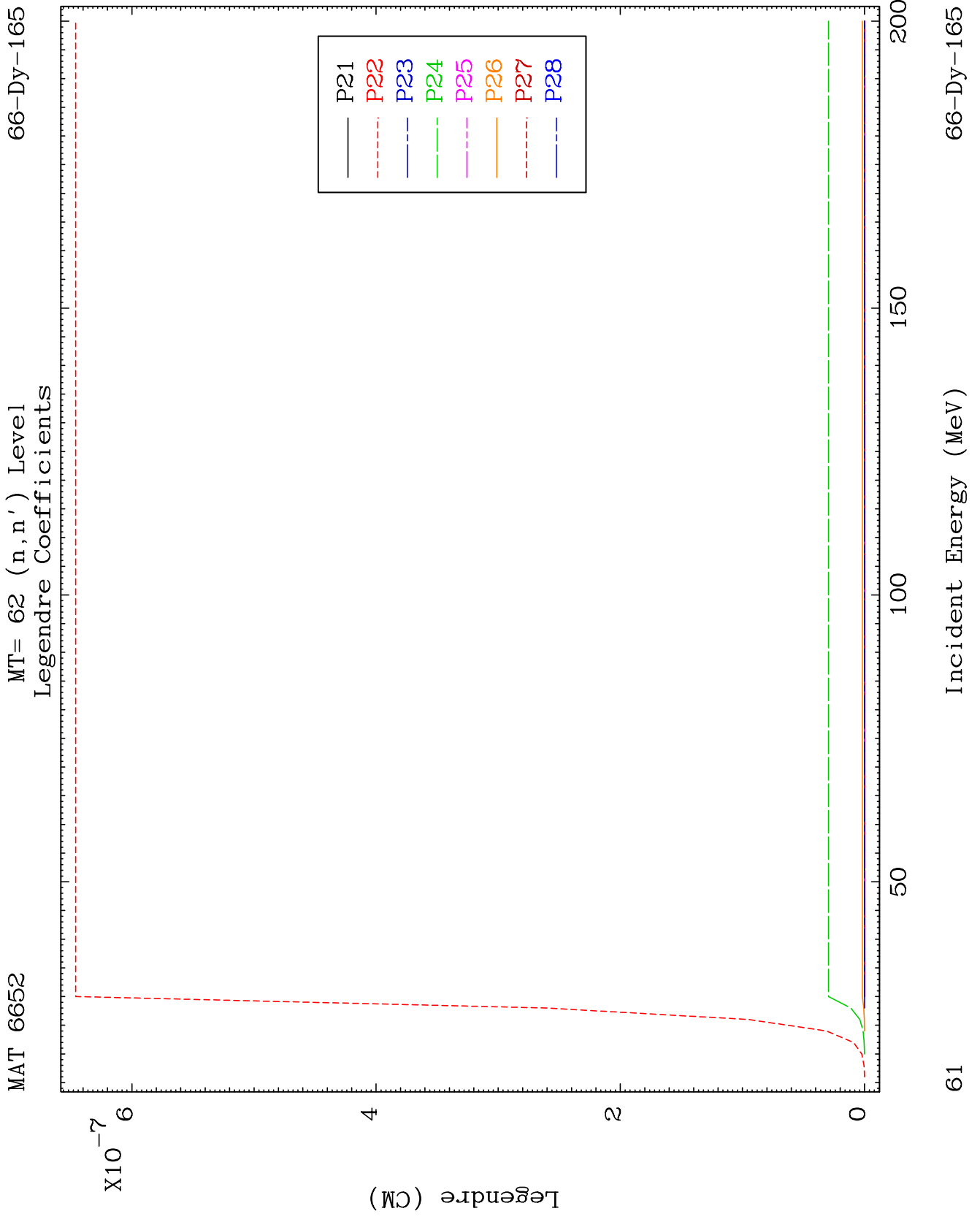


66-Dy-165

Incident Energy (MeV)

59

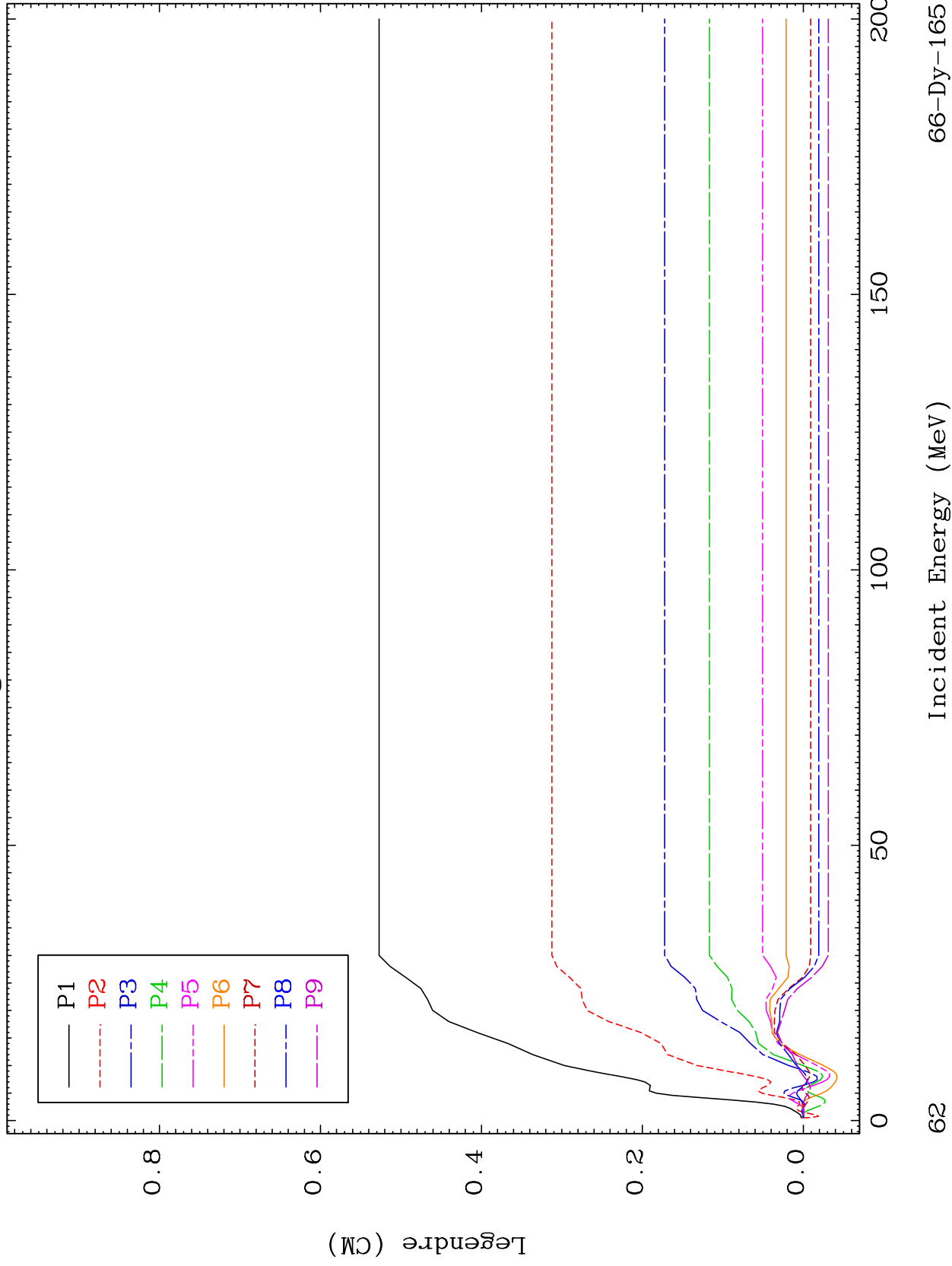




MAT 6652

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

66-Dy-165

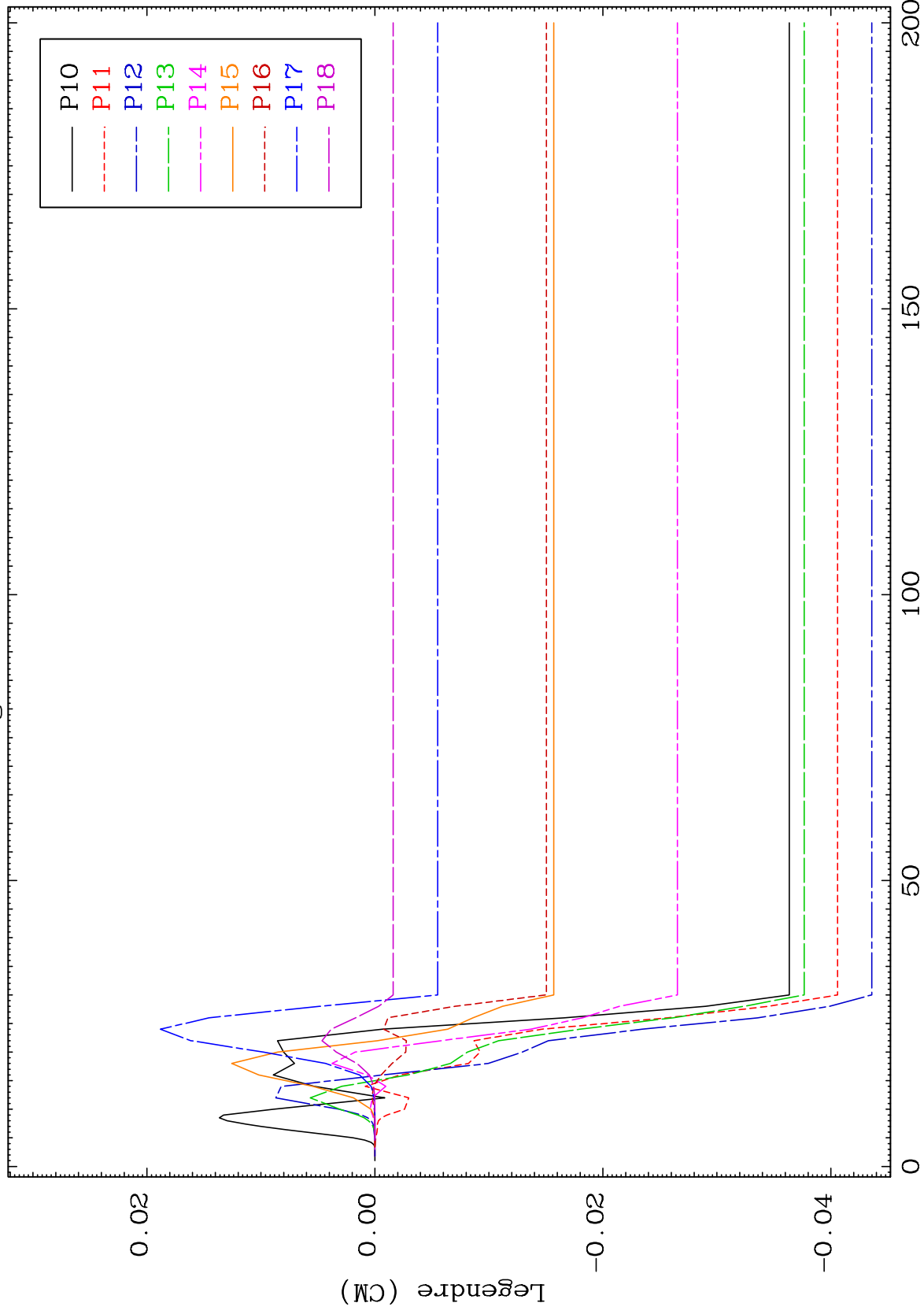


62

MAT 6652

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

66-Dy-165



63

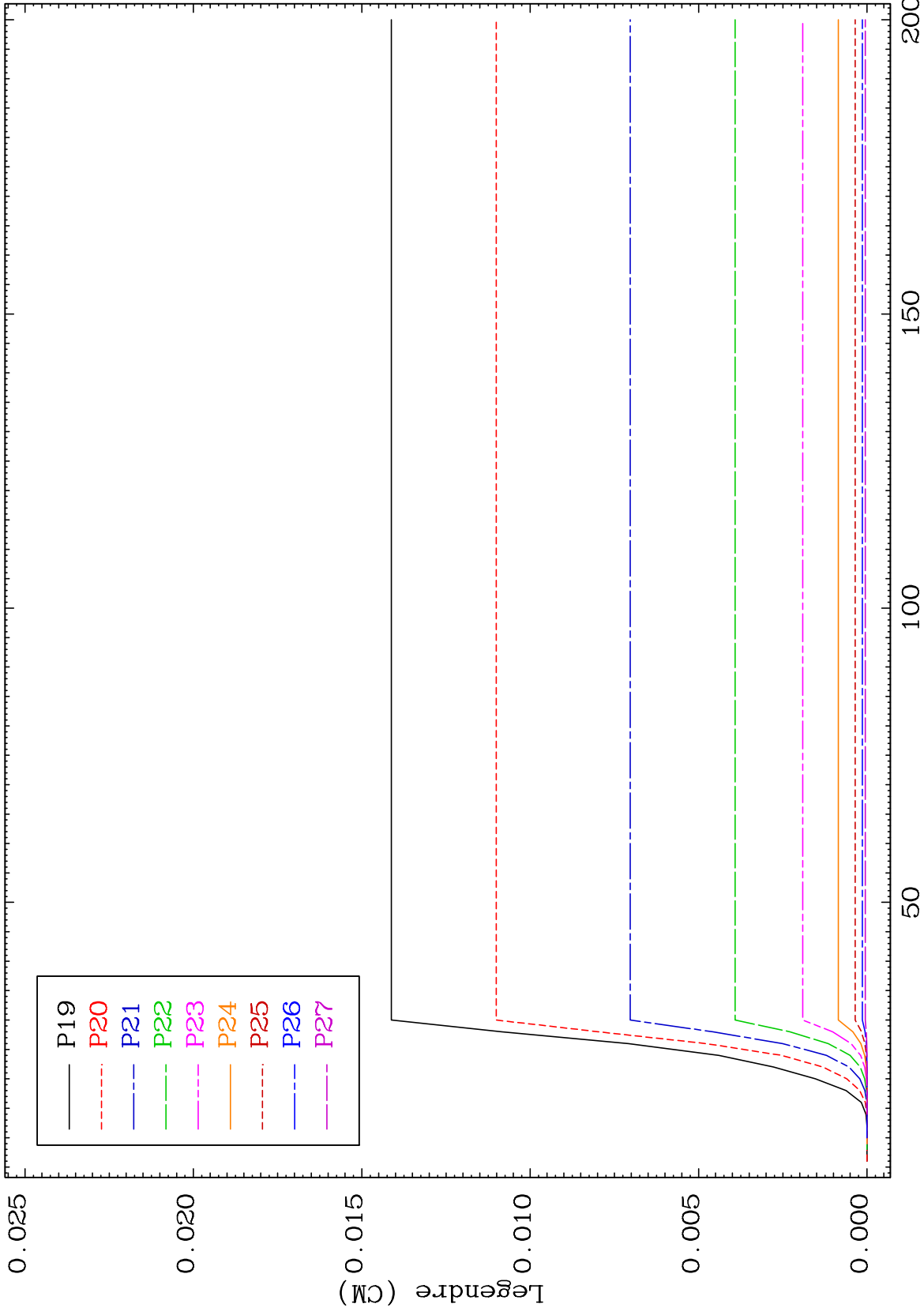
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



64

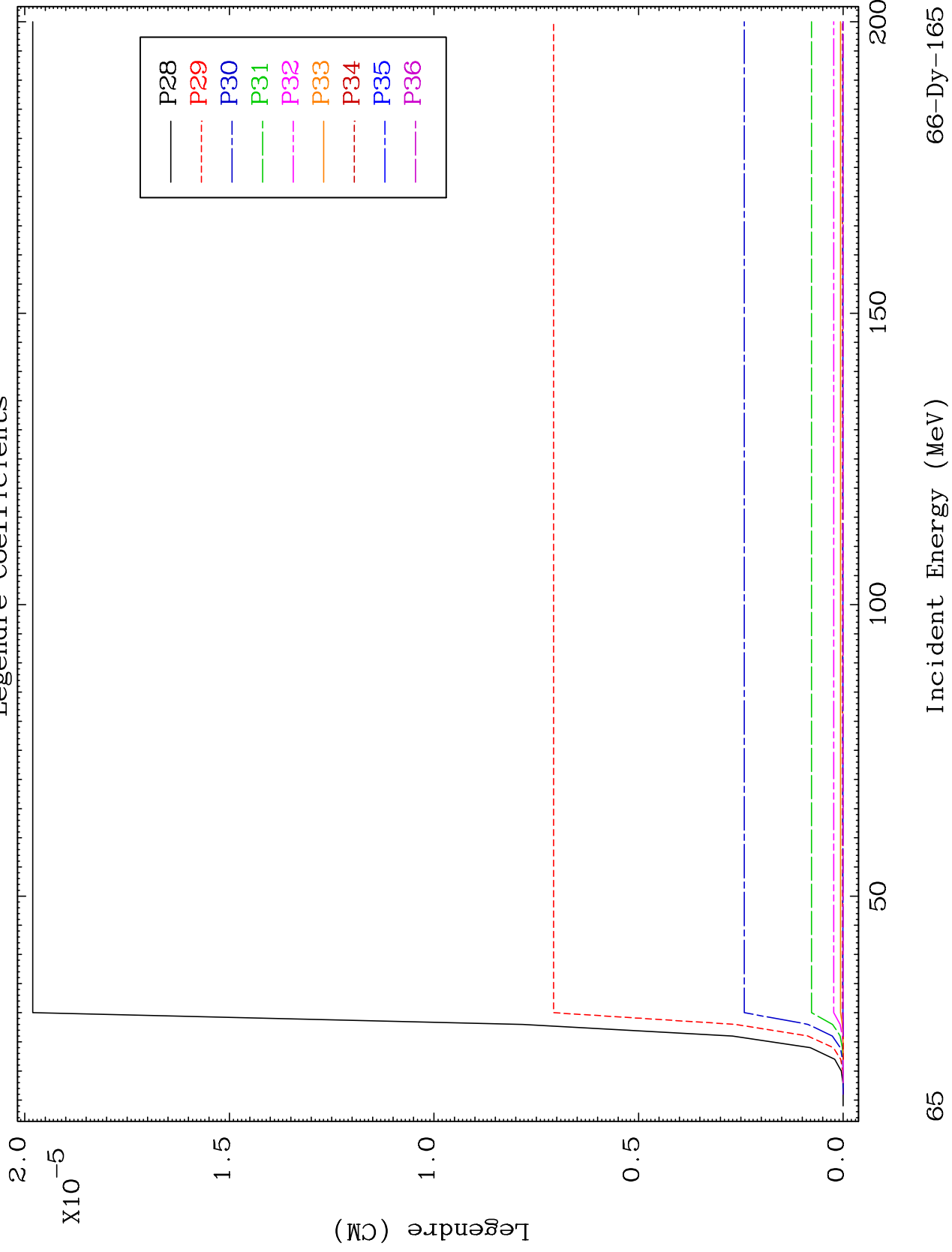
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



66-Dy-165

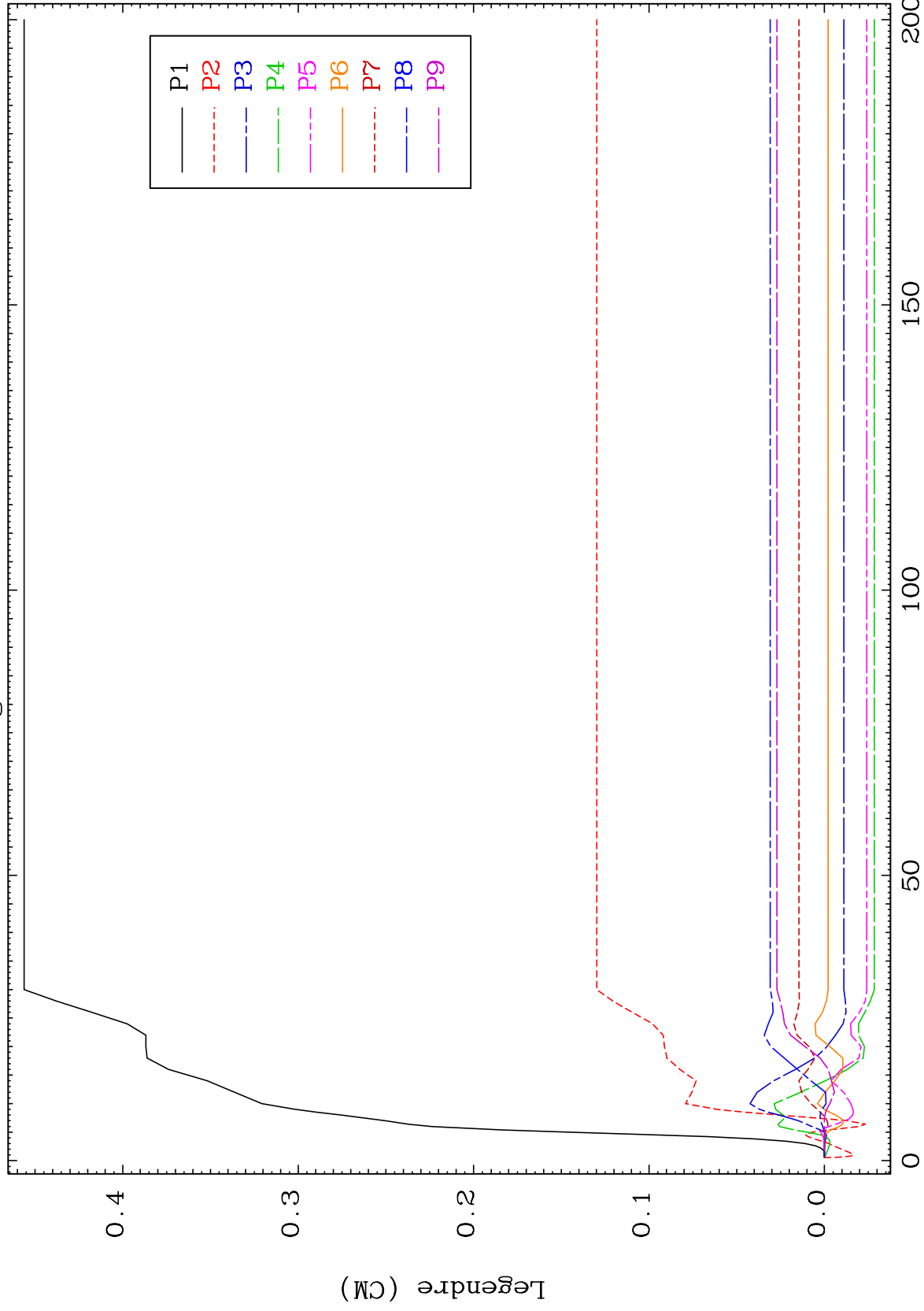
Incident Energy (MeV)

65

MAT 6652

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

66-Dy-165



66

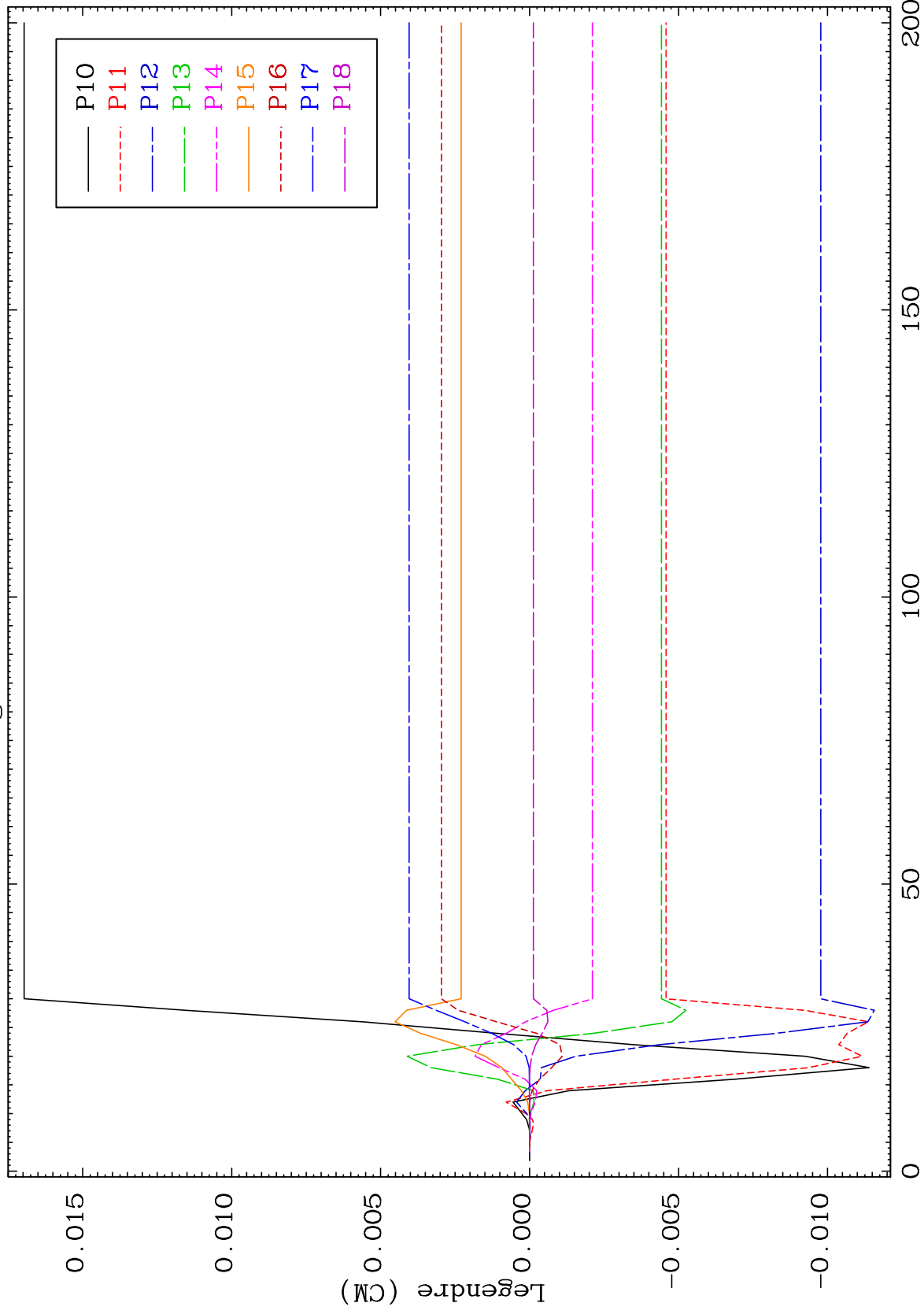
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



67

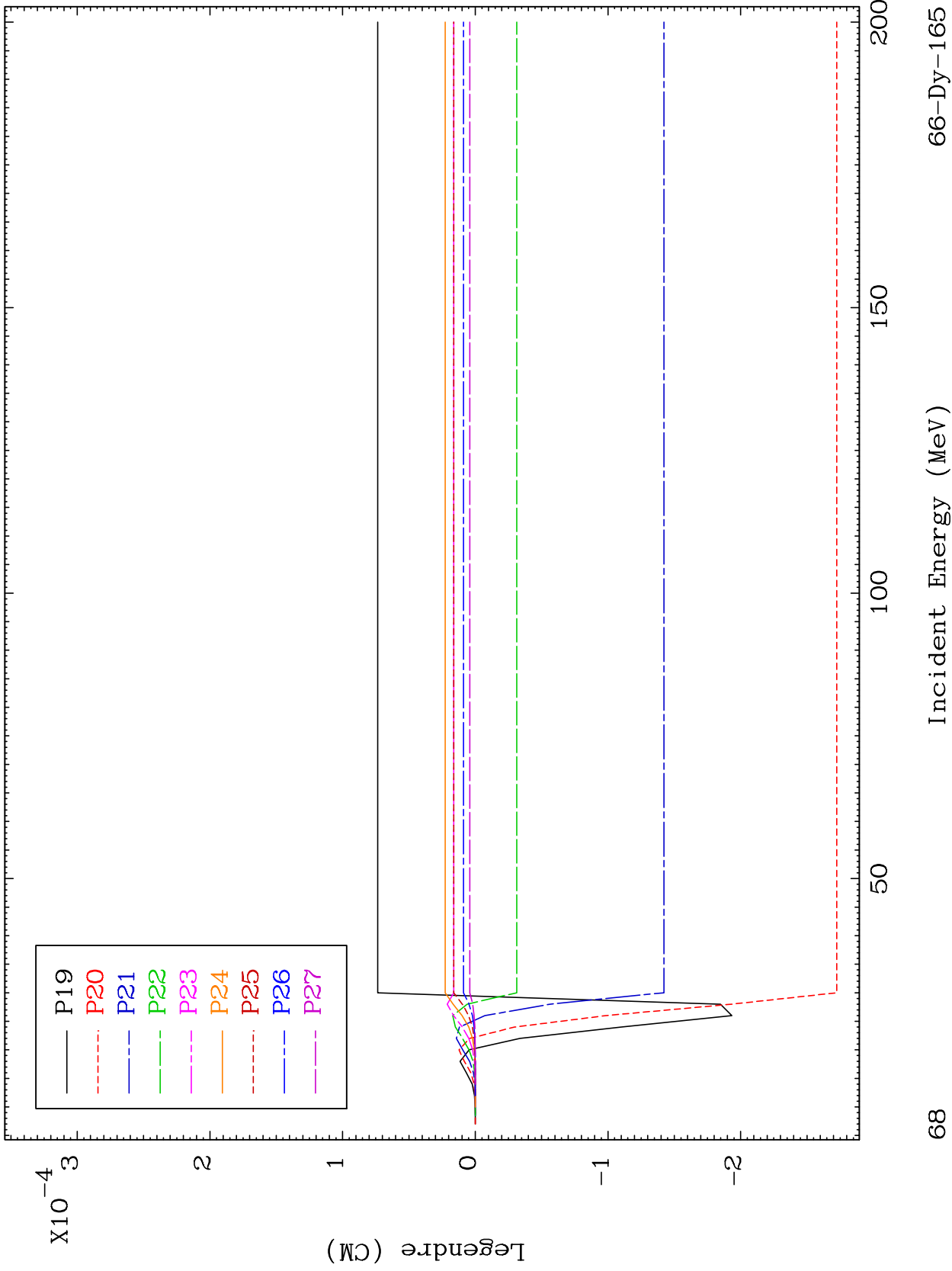
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

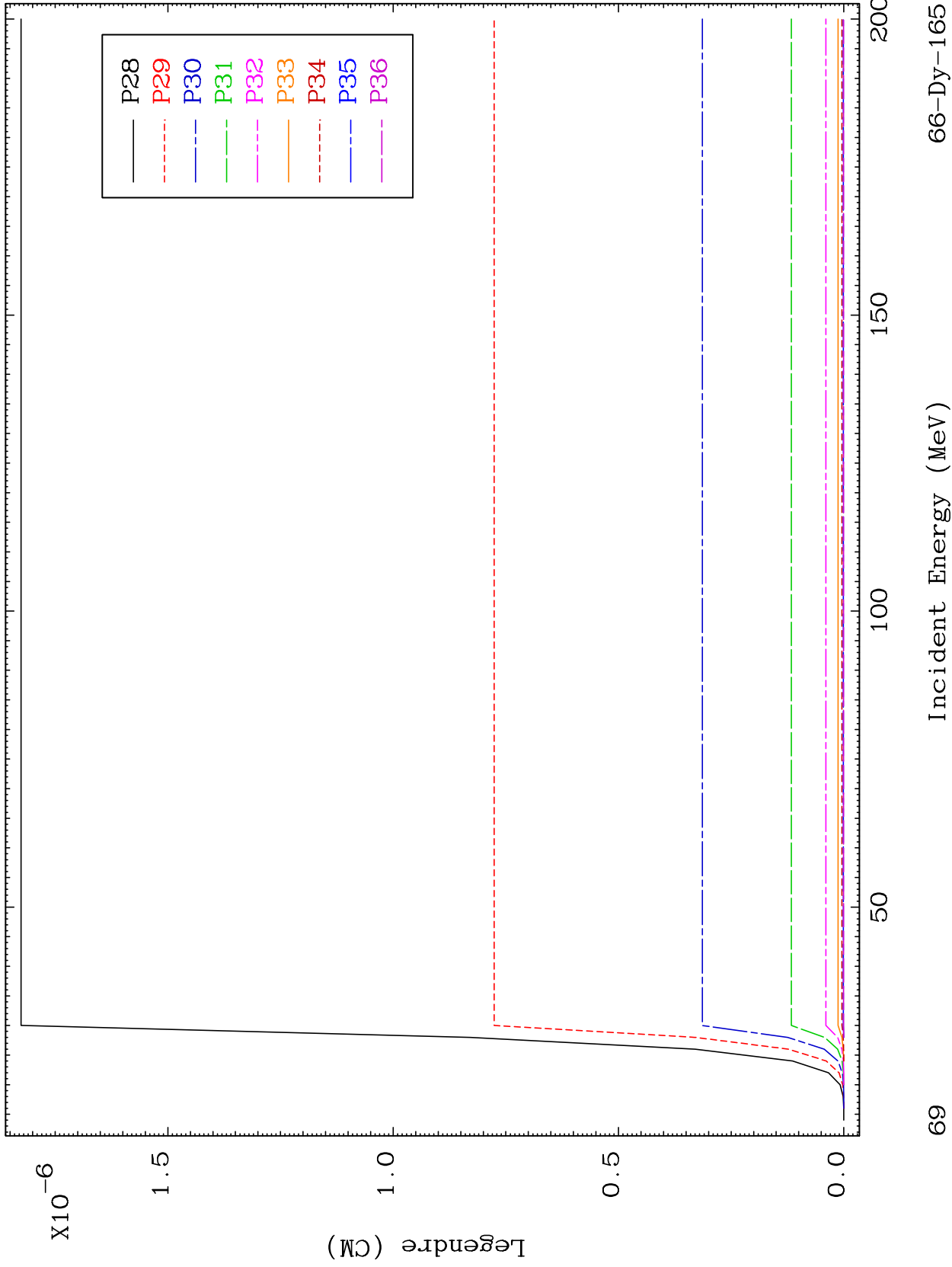
66-Dy-165



MAT 6652

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

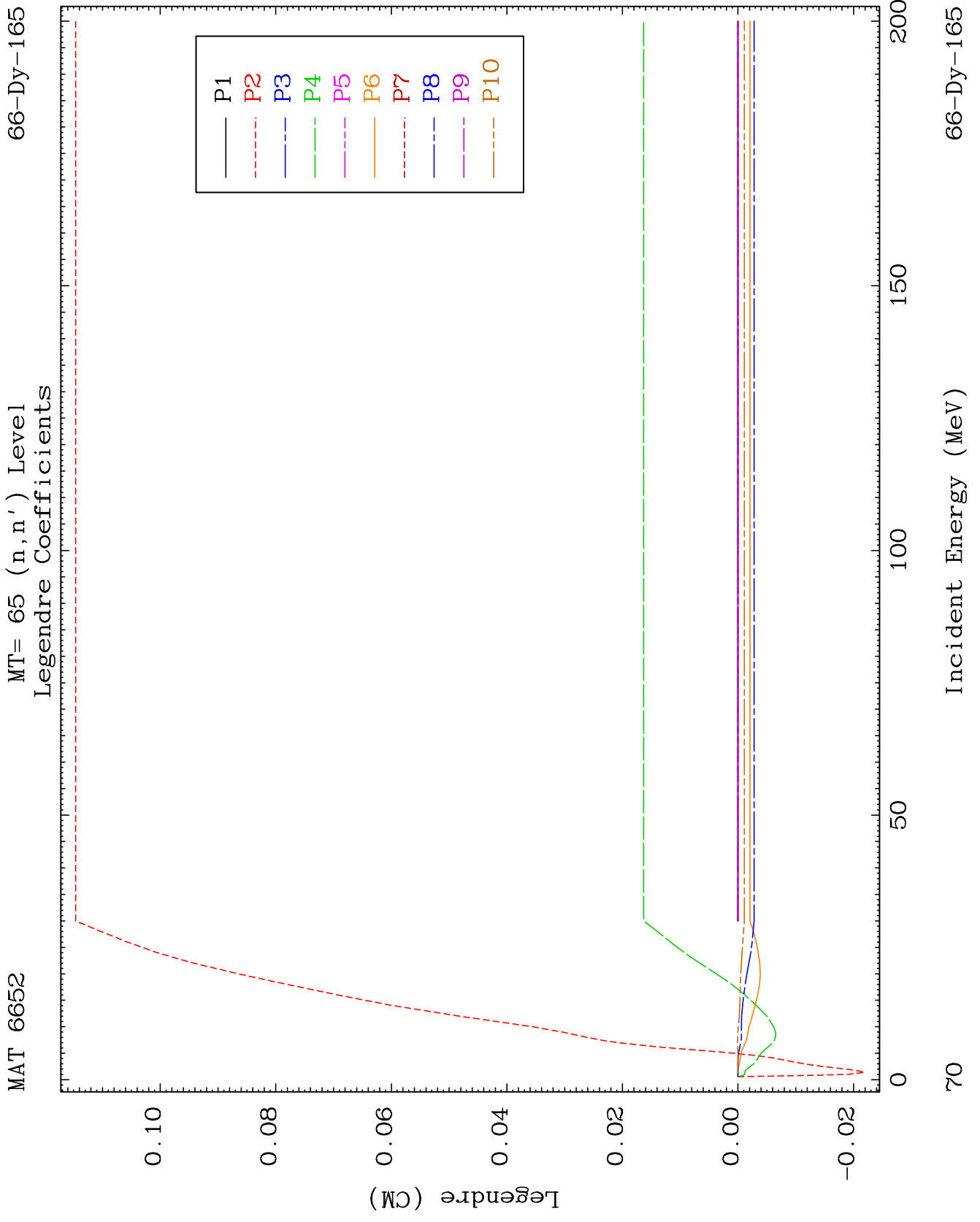
66-Dy-165



69

Incident Energy (MeV)

66-Dy-165

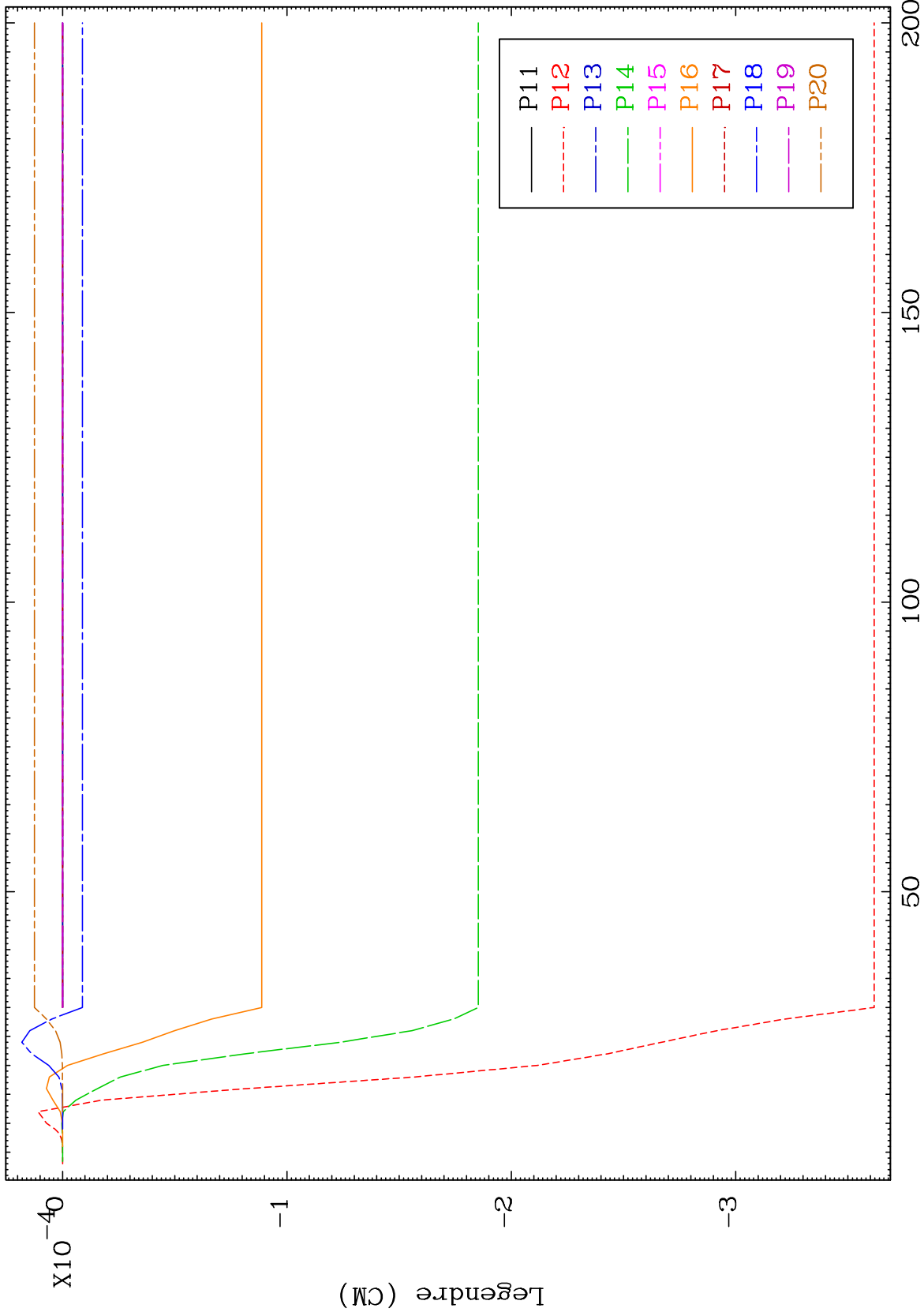


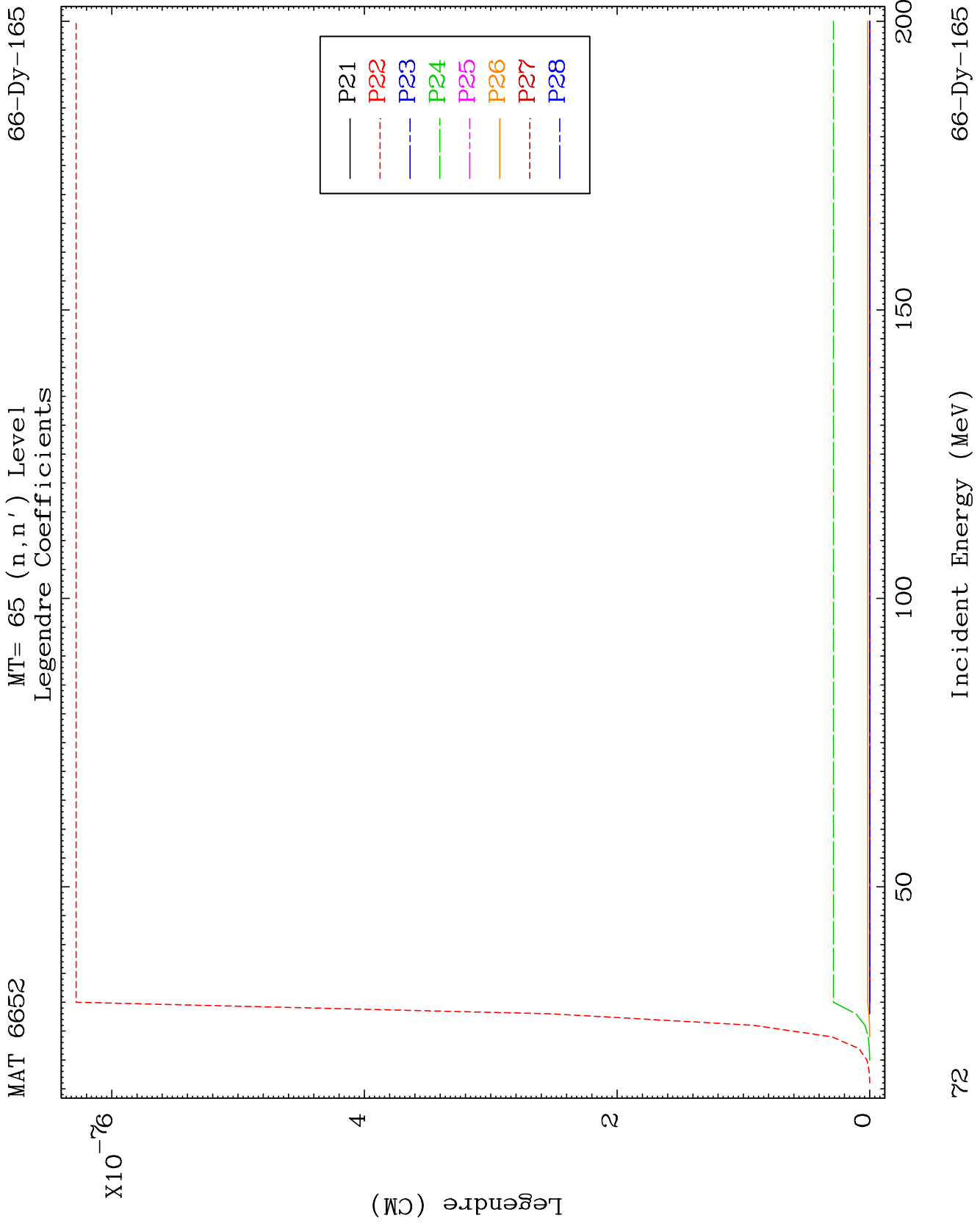
MAT 6652

MT= 65 (n,n') Level

66-Dy-165

Legendre Coefficients

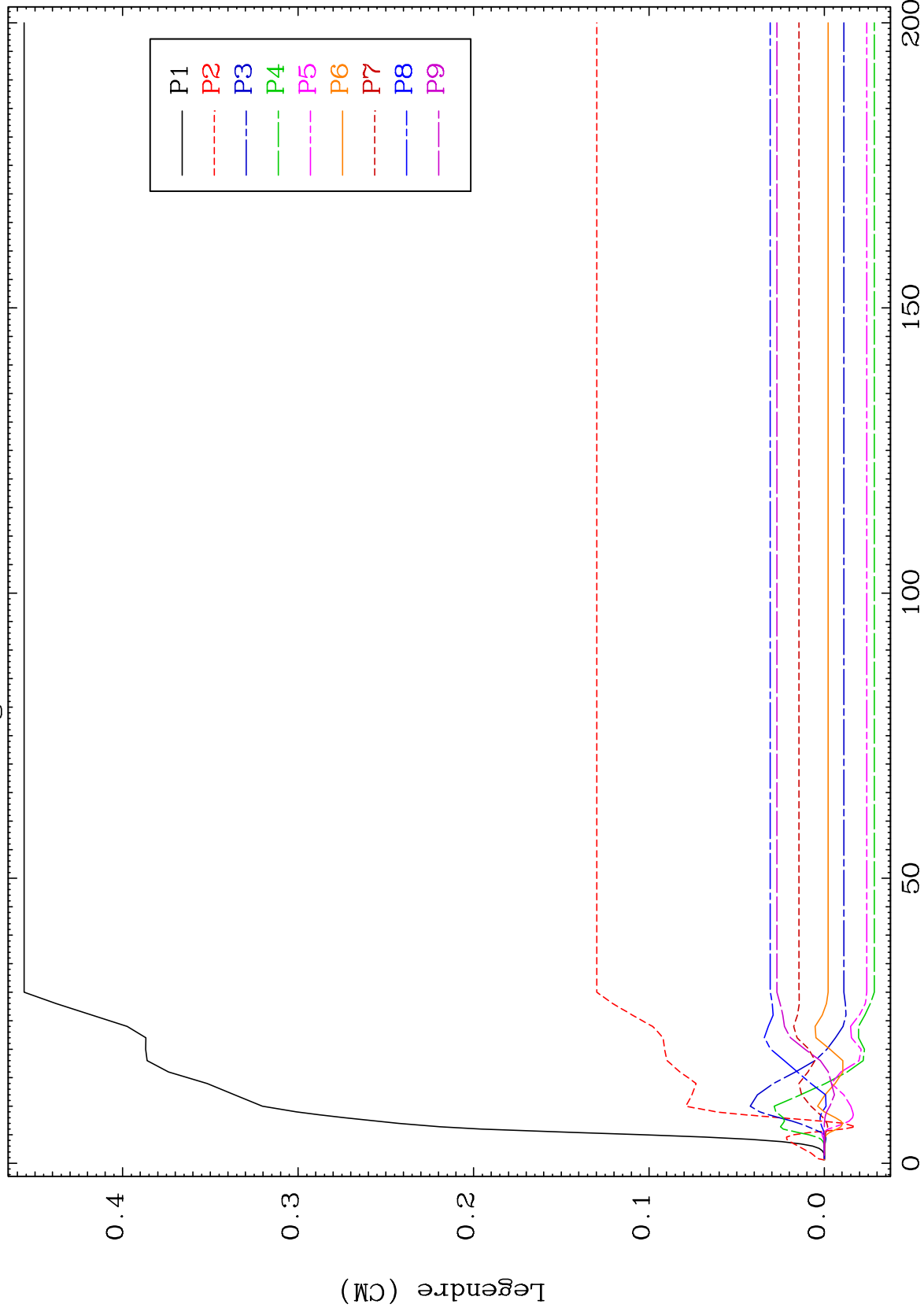




MAT 6652

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

66-Dy-165



73

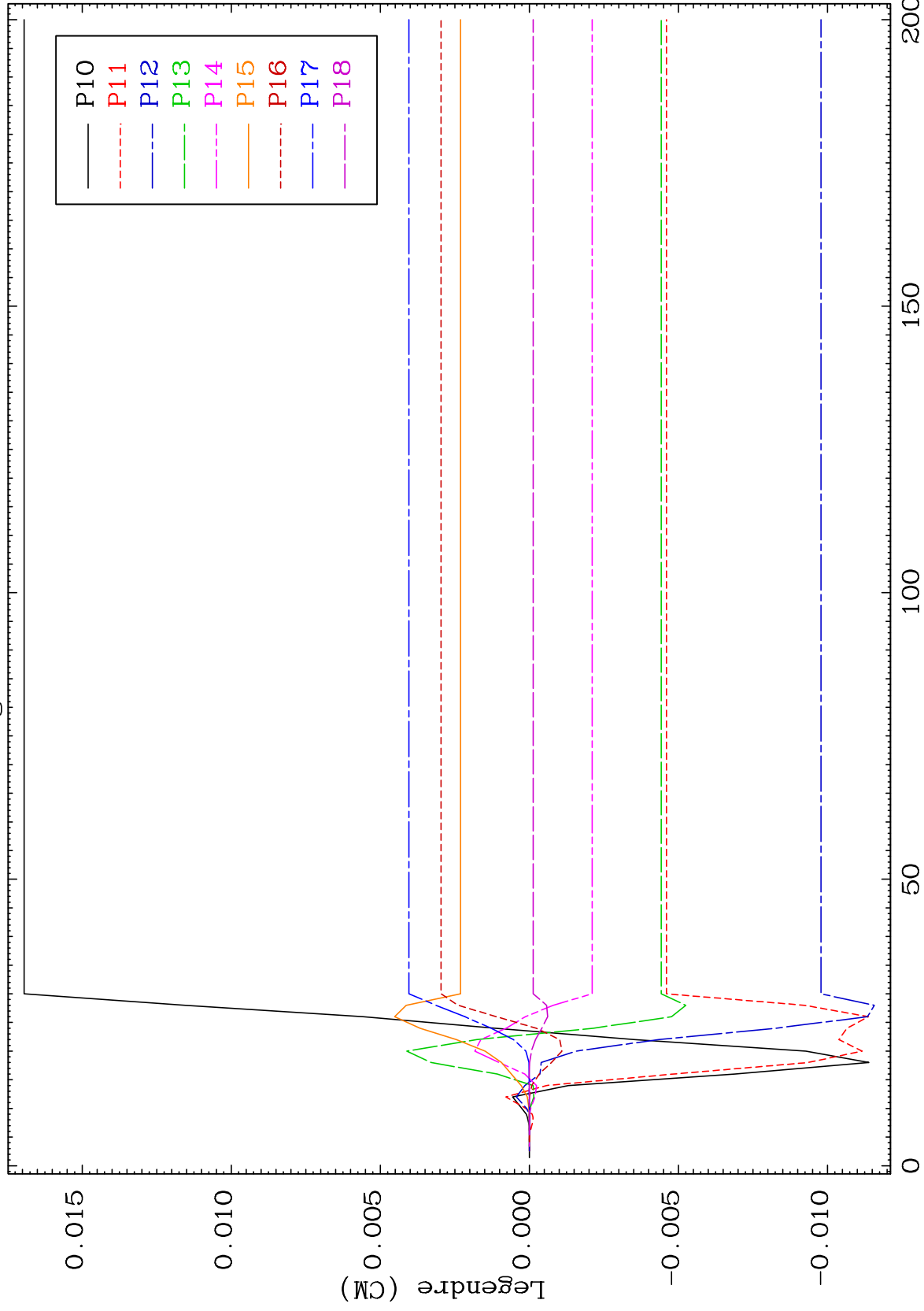
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



74

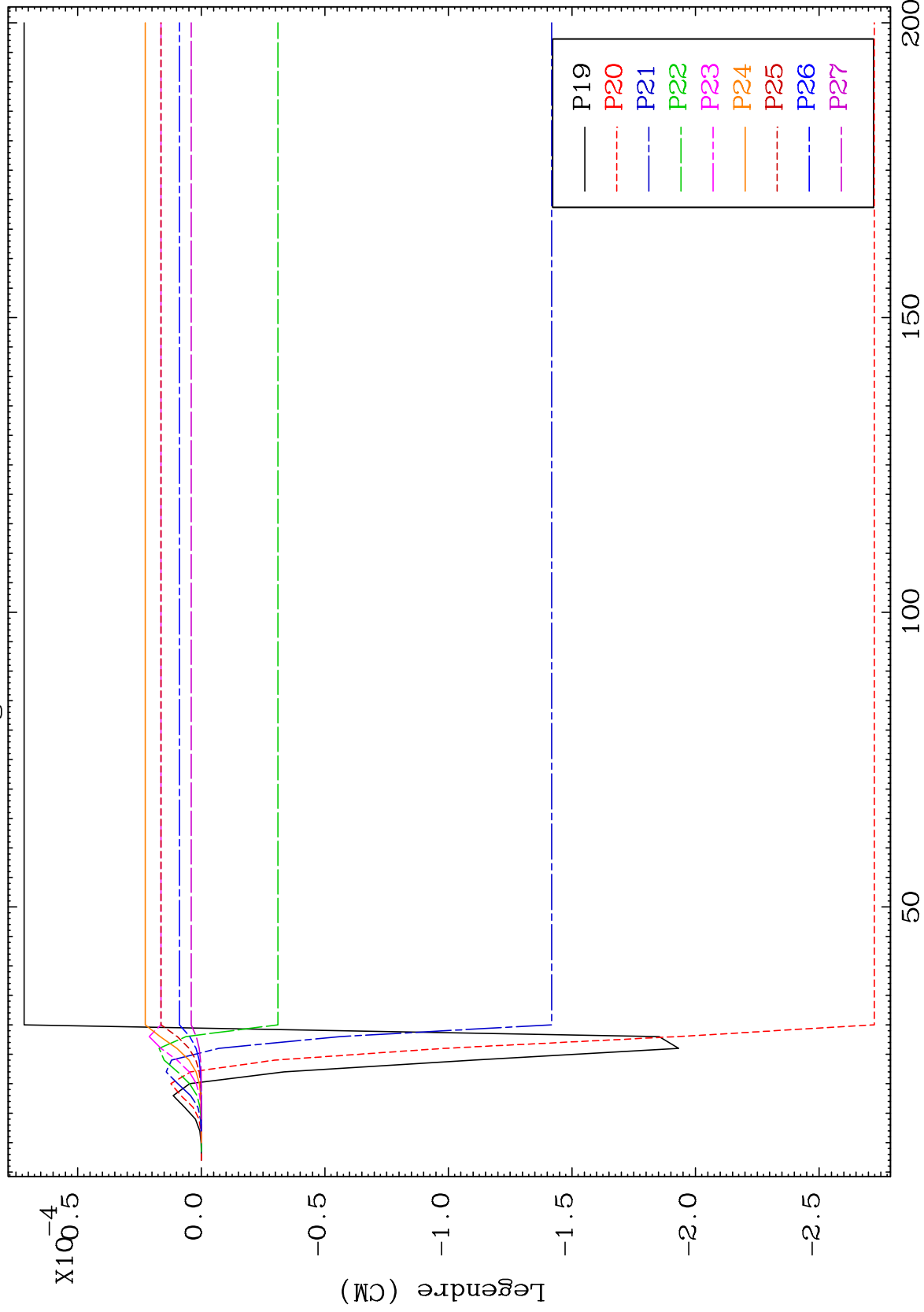
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



75

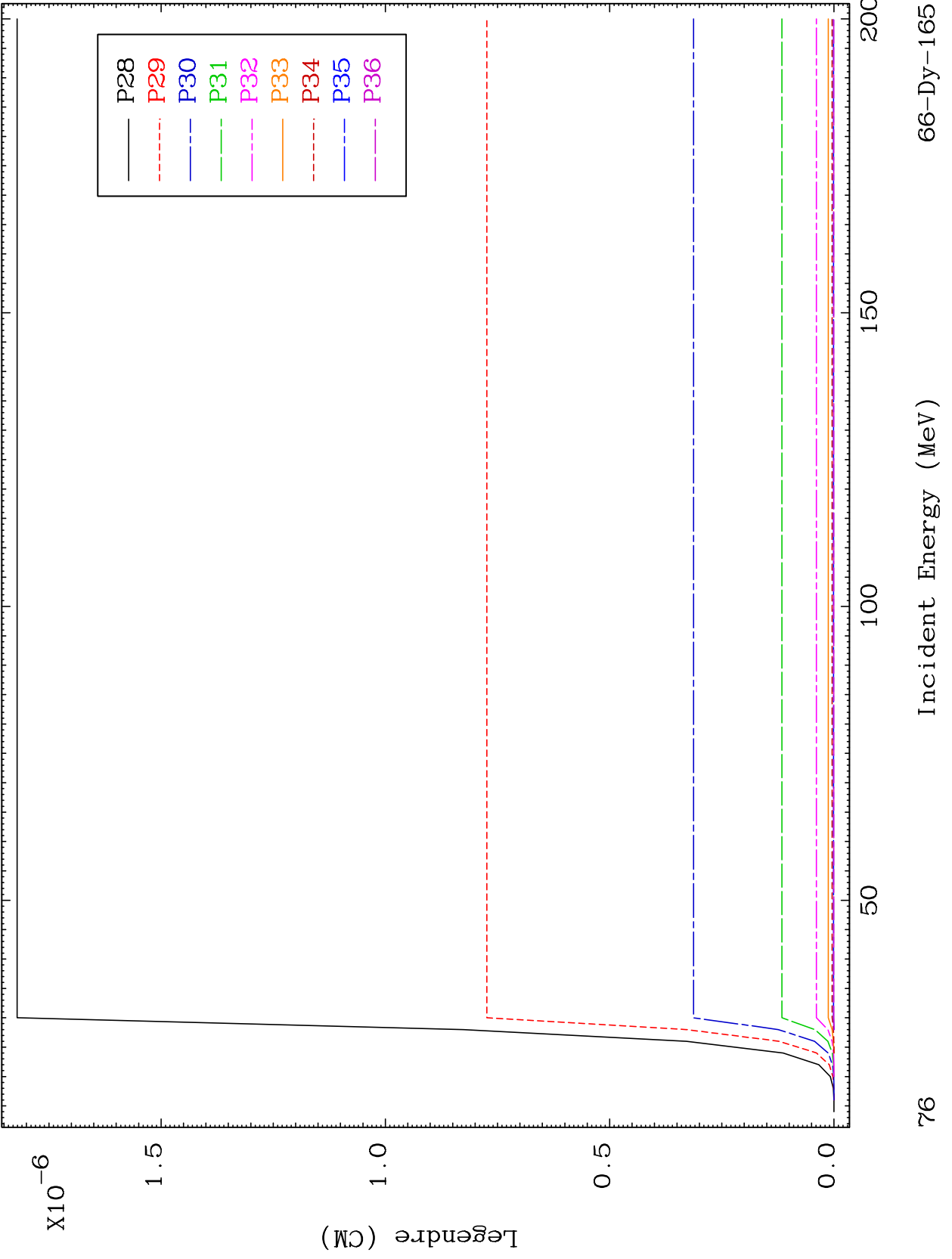
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



76

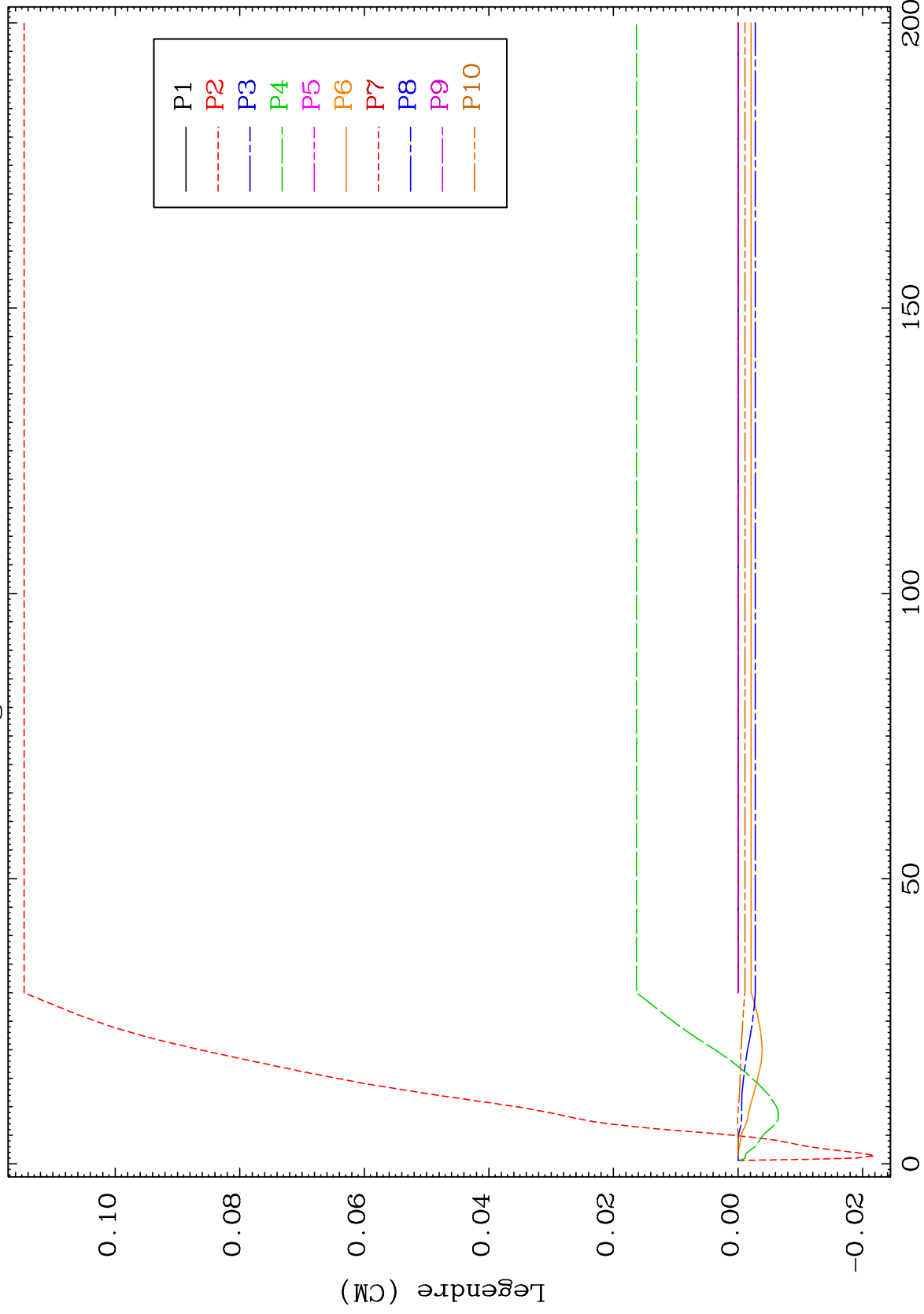
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



77

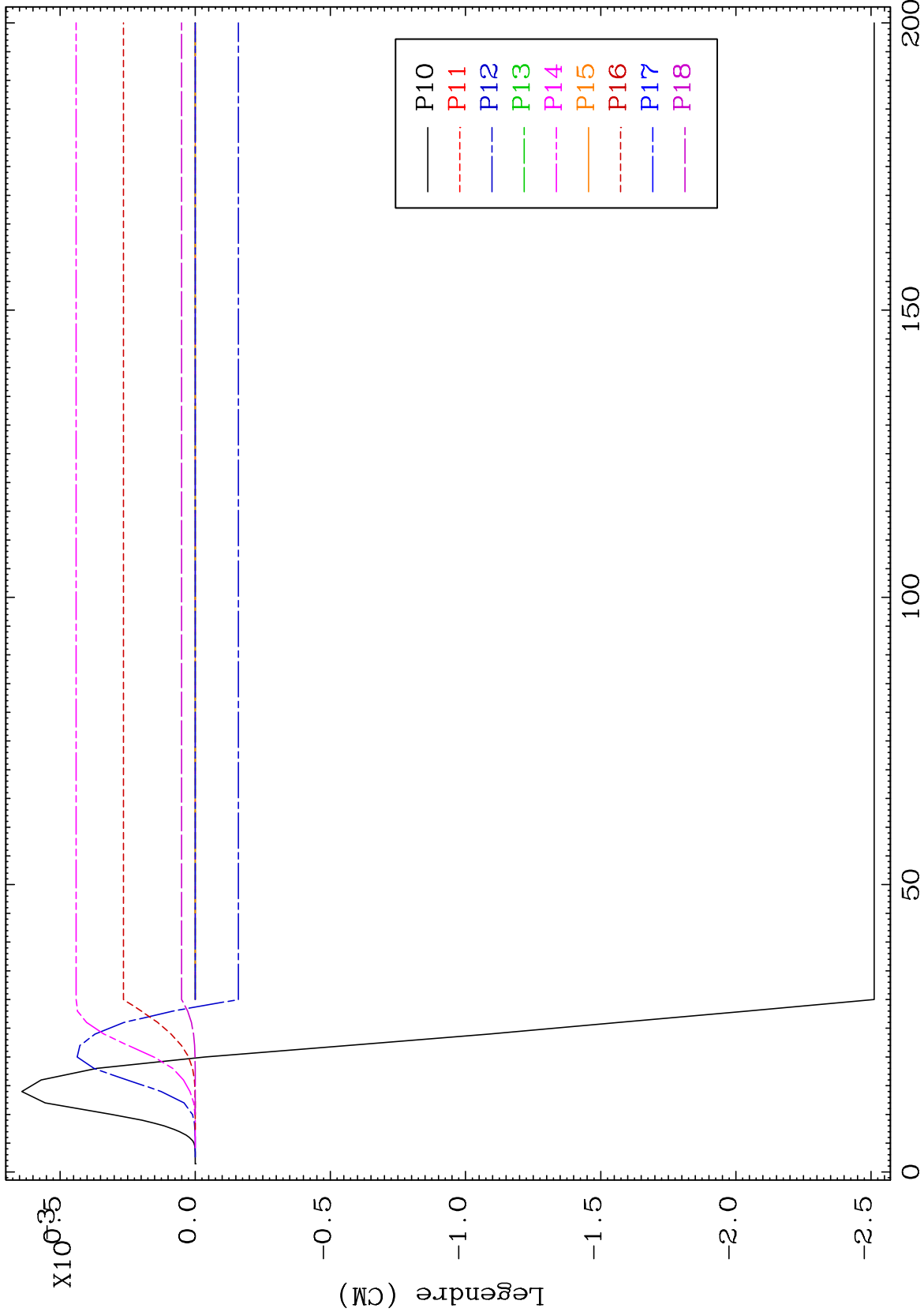
Incident Energy (MeV)

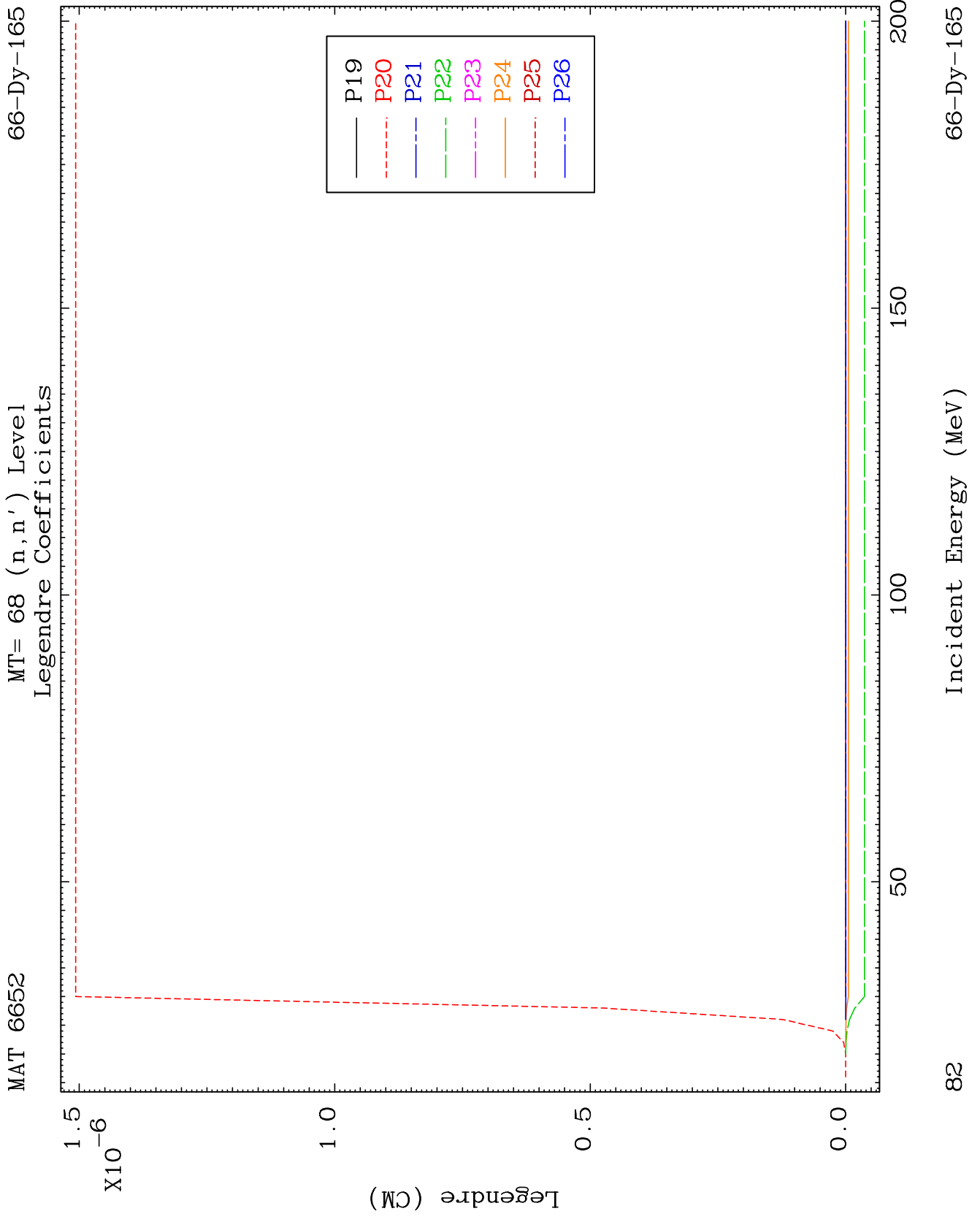
66-Dy-165

MAT 6652

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

66-Dy-165

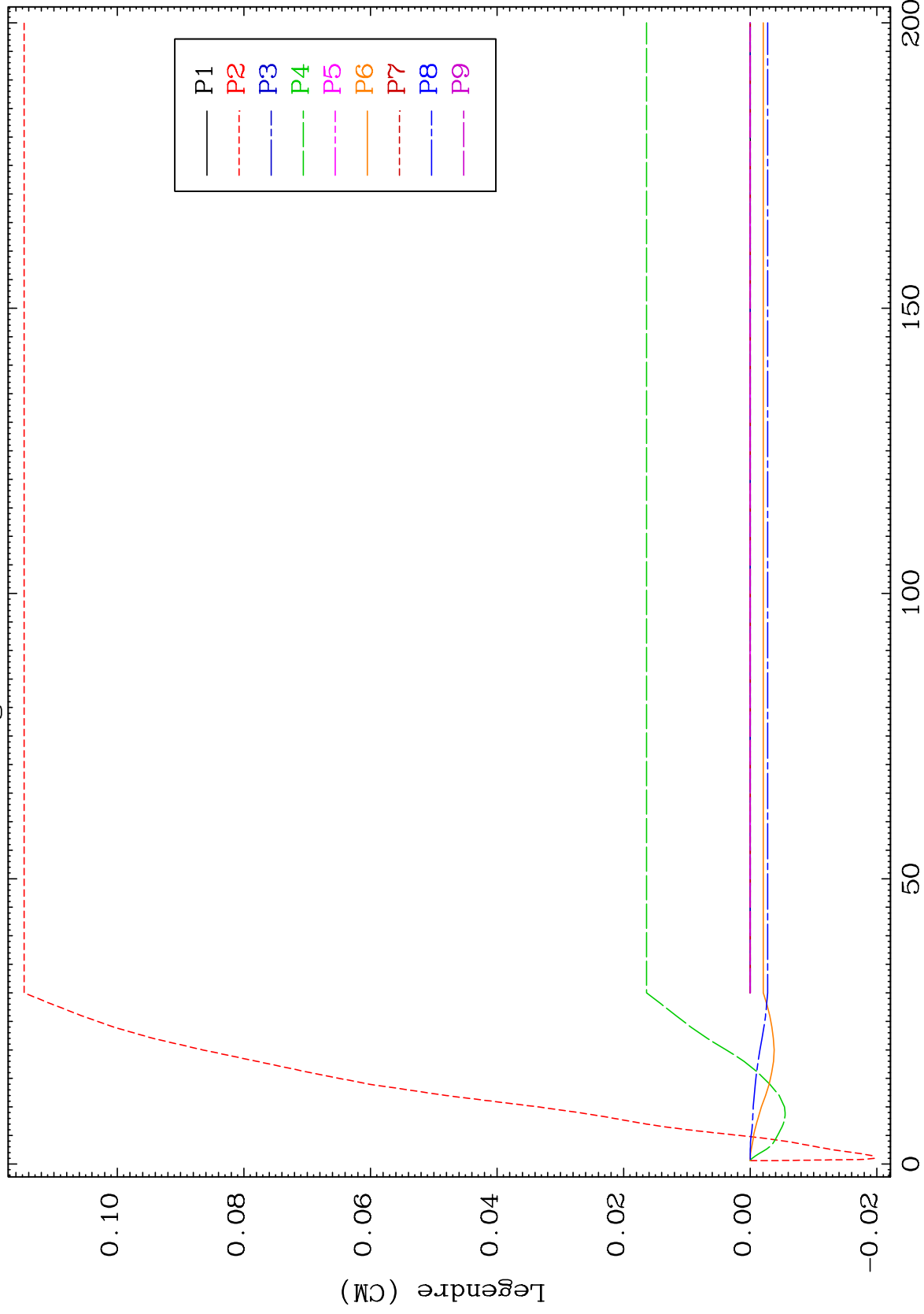




MAT 6652

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

66-Dy-165



66-Dy-165

Incident Energy (MeV)

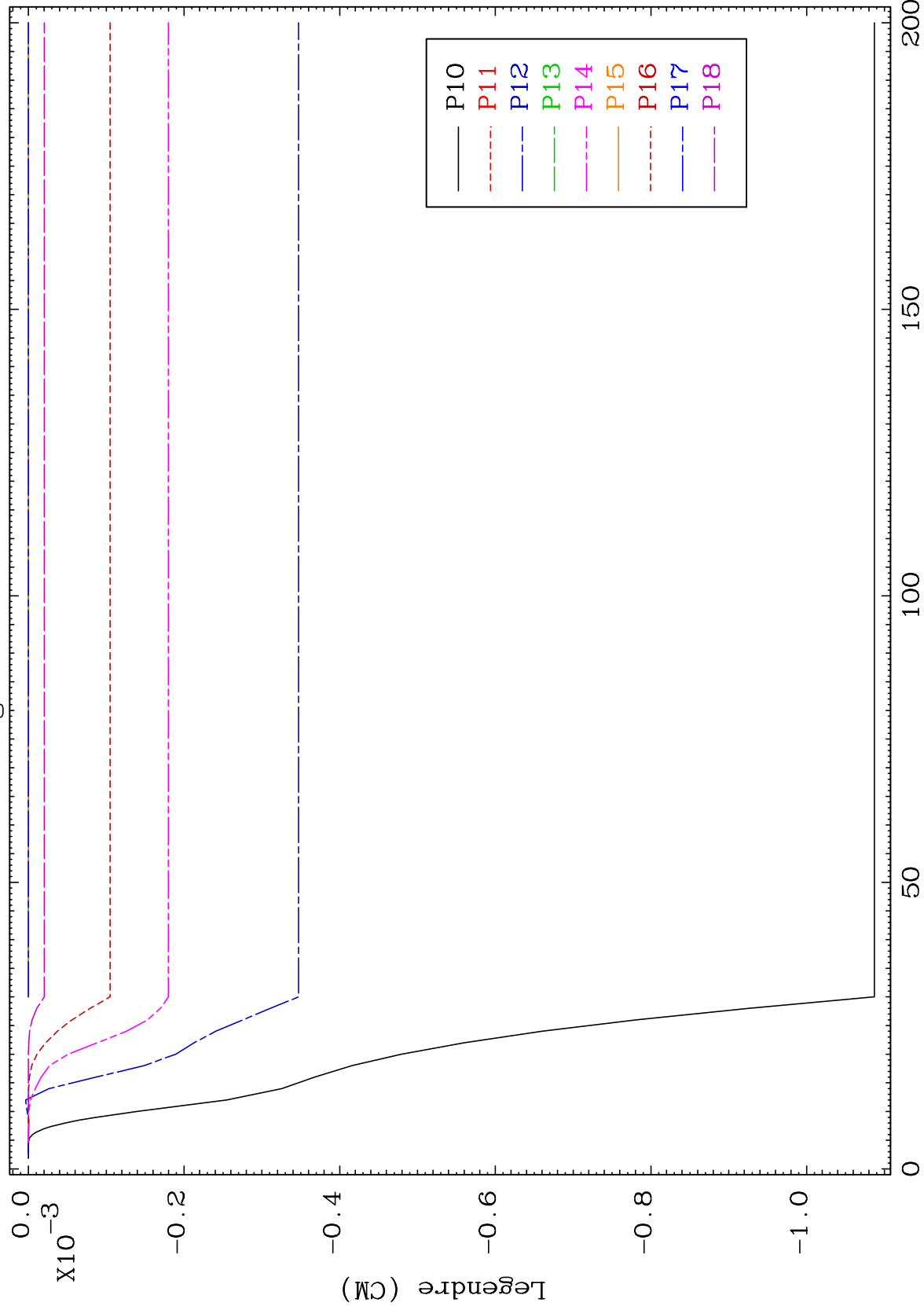
83

MAT 6652

MT= 69 (n,n') Level

66-Dy-165

Legendre Coefficients



66-Dy-165

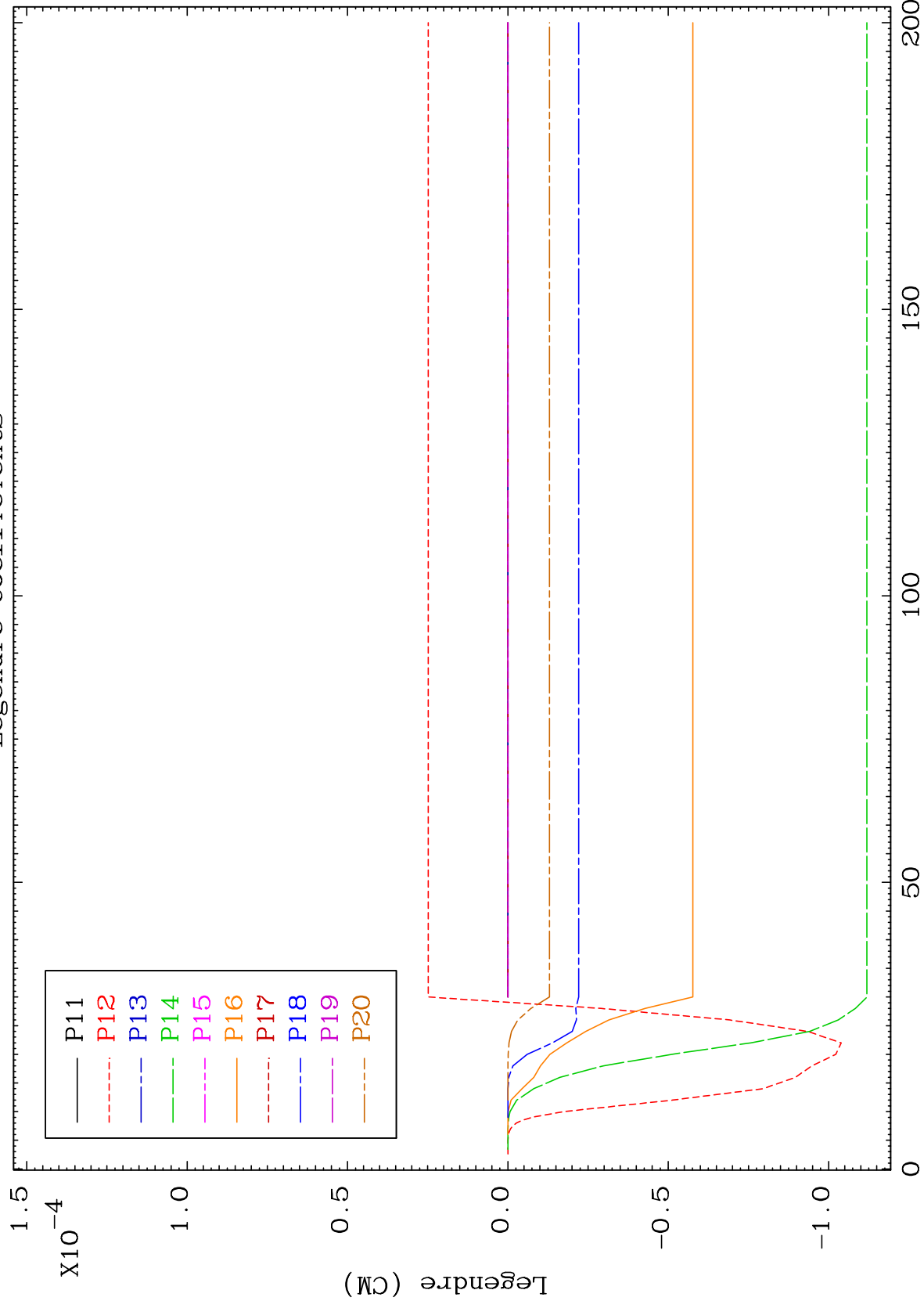
Incident Energy (MeV)

84

MAT 6652

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

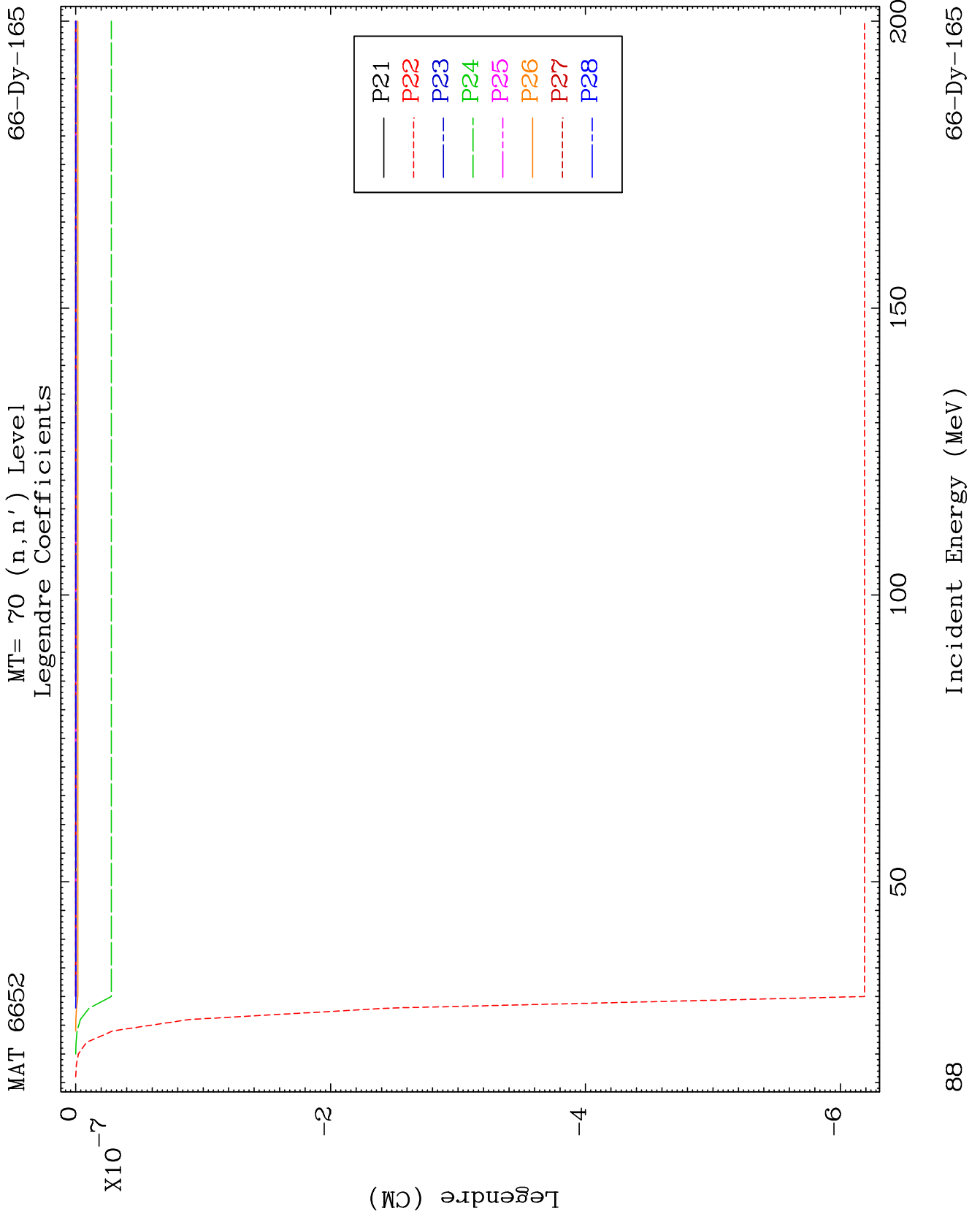
66-Dy-165



87

Incident Energy (MeV)

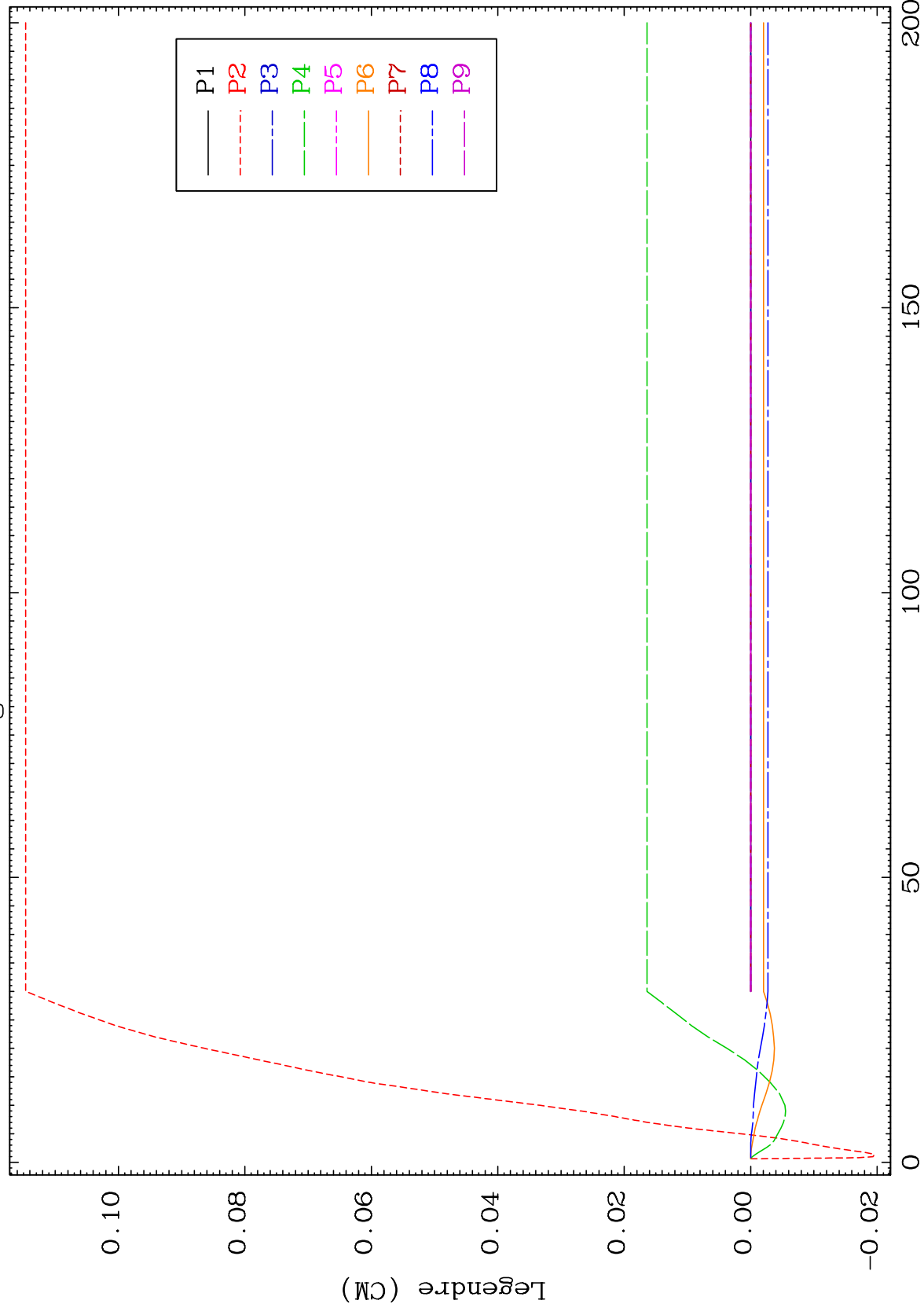
66-Dy-165



MAT 6652

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

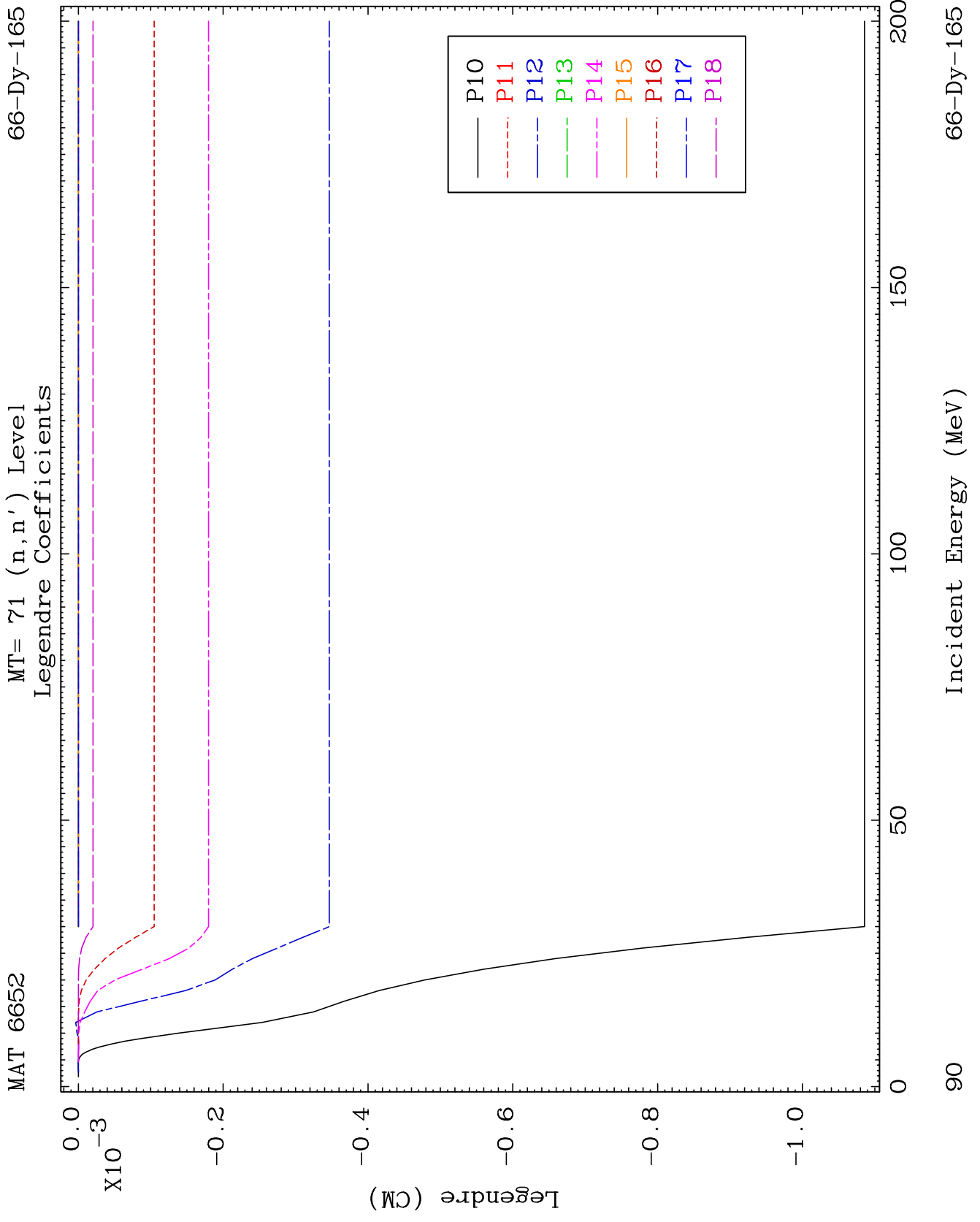
66-Dy-165

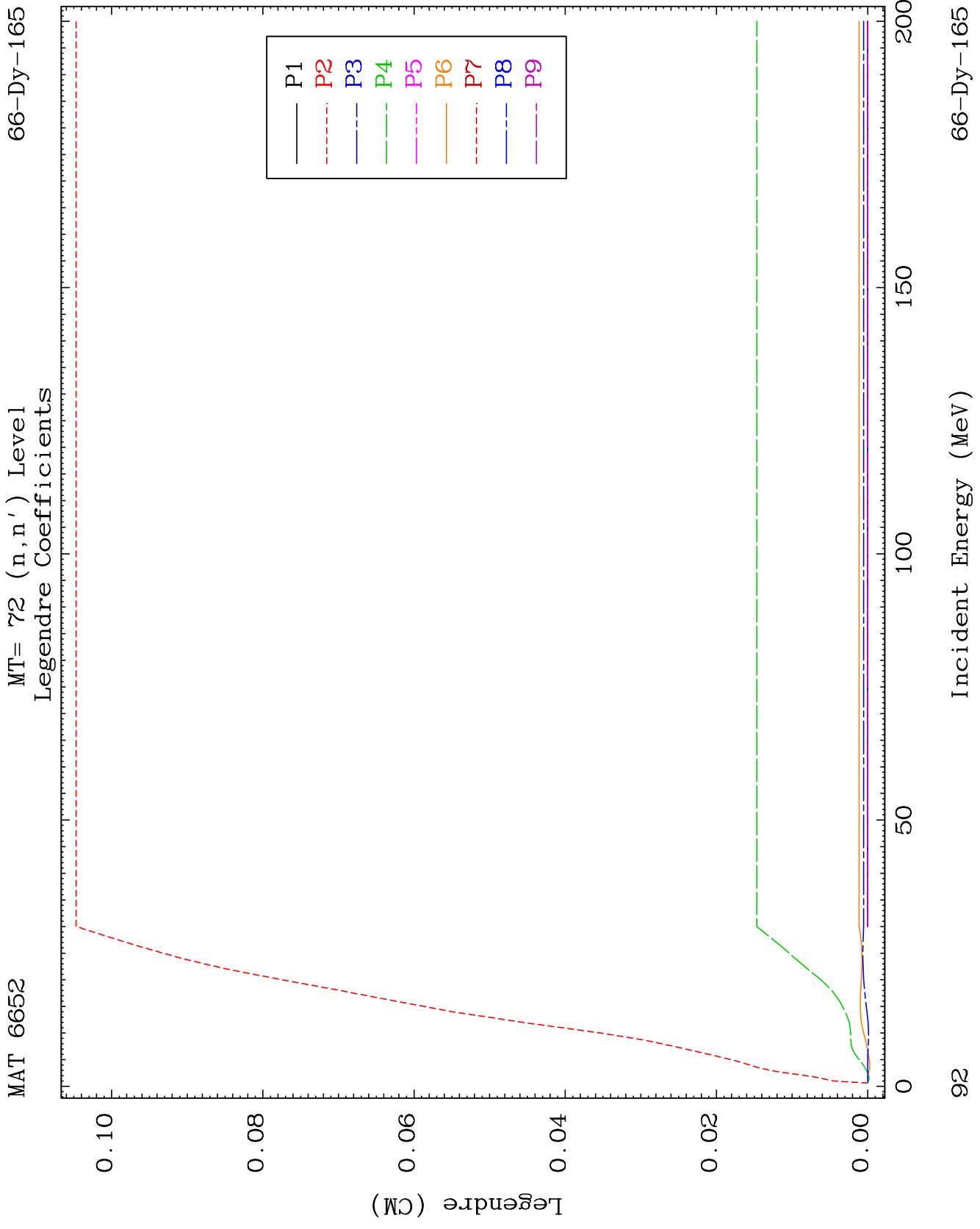


89

Incident Energy (MeV)

66-Dy-165

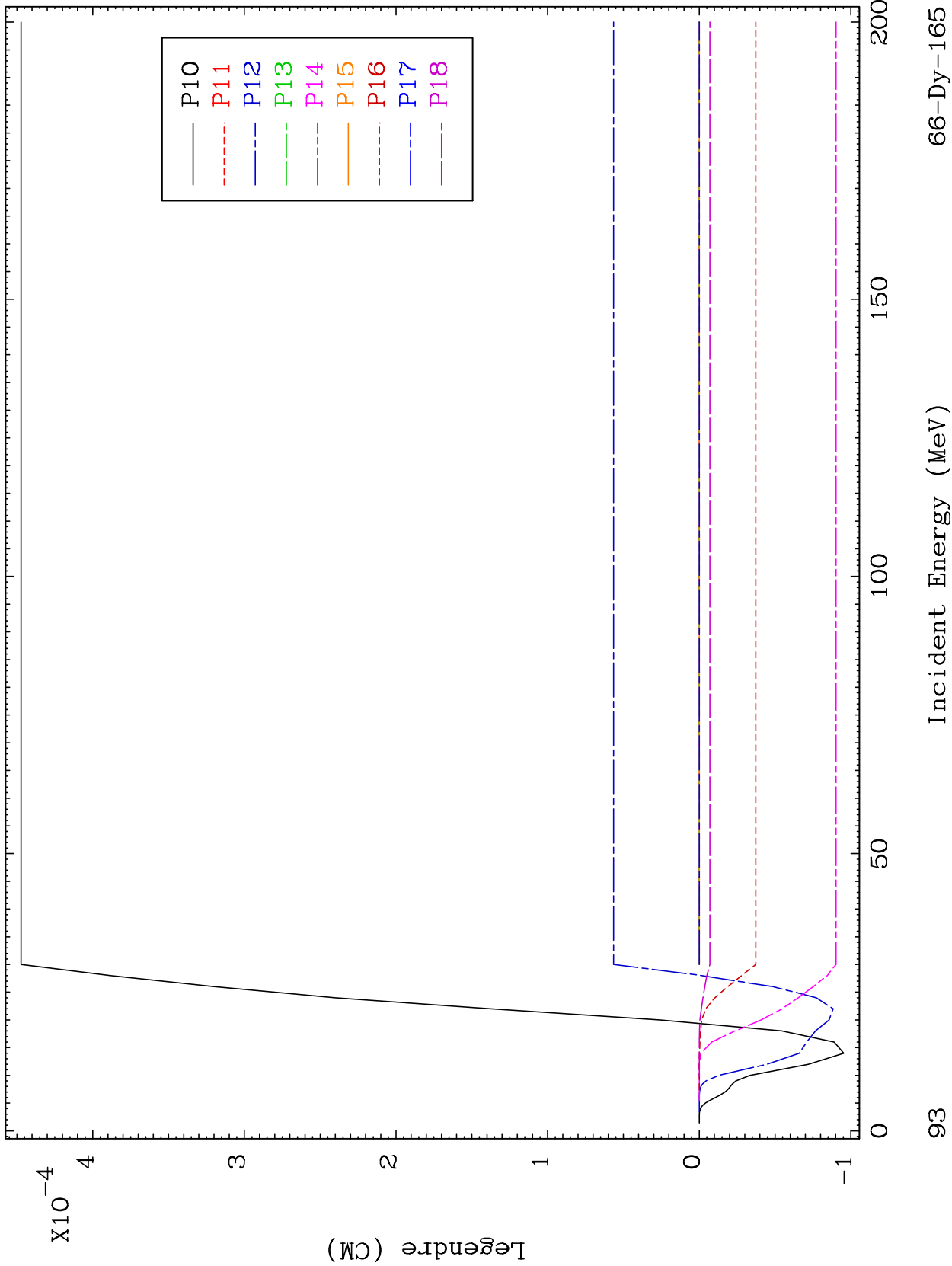




MAT 6652

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

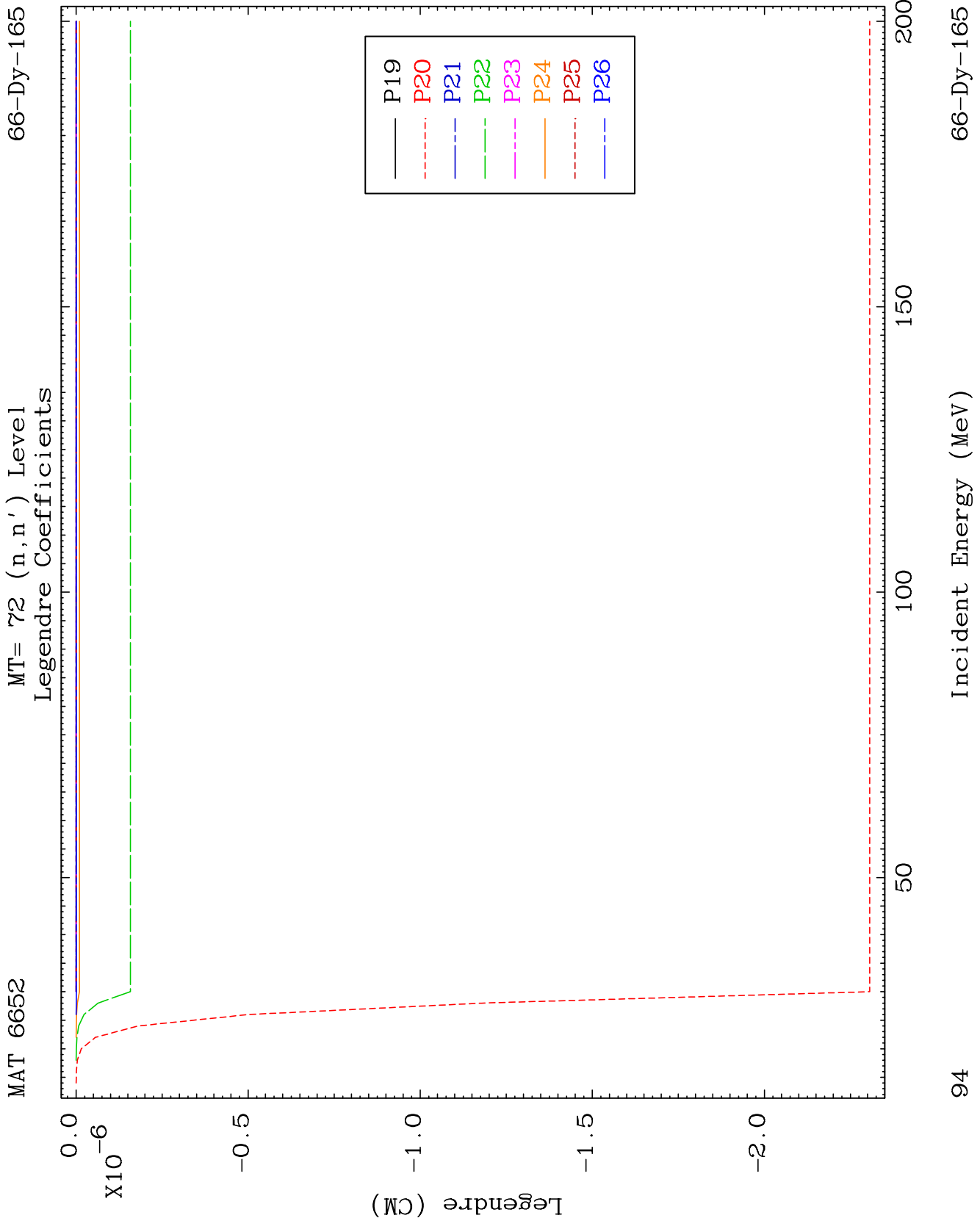
66-Dy-165

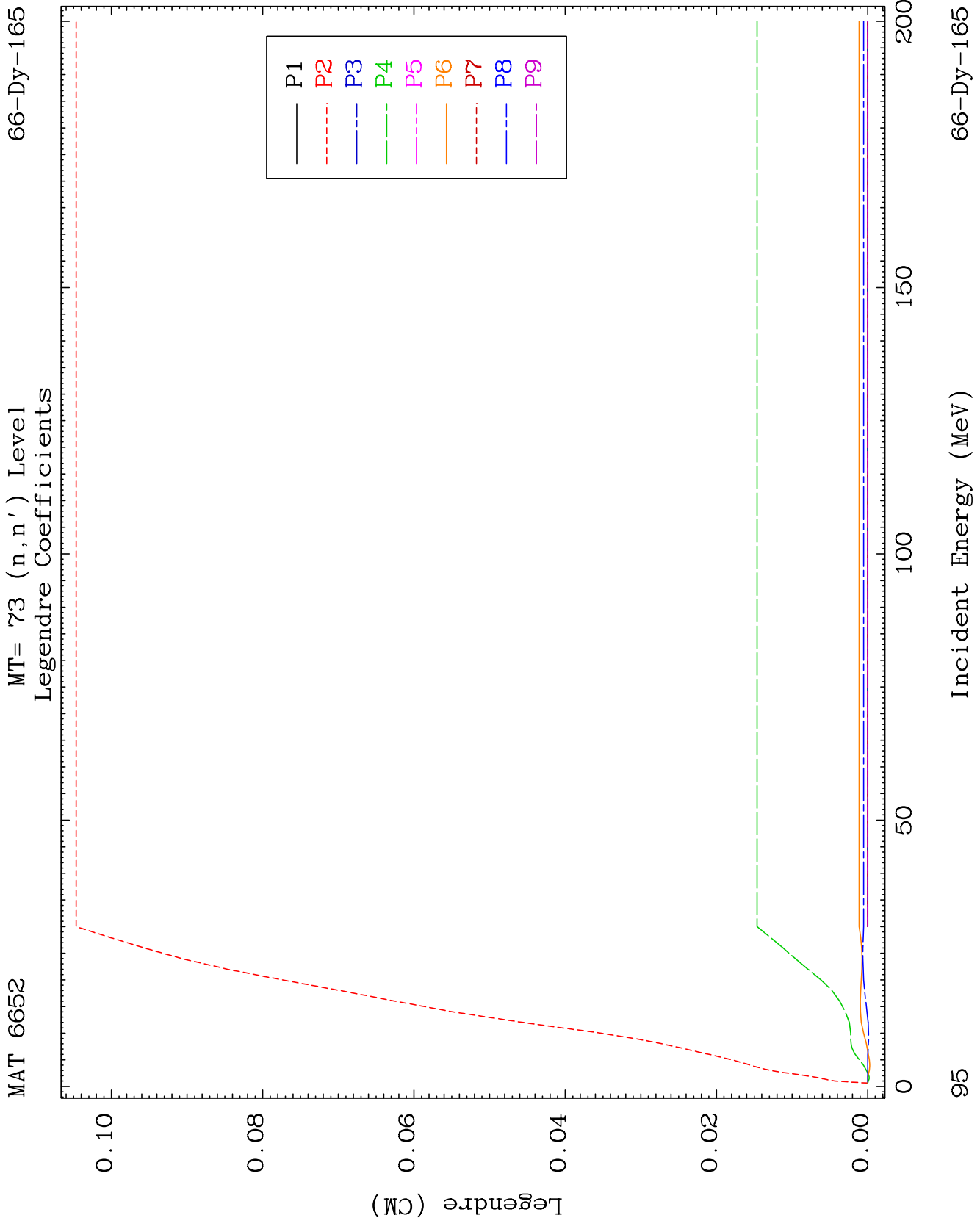


66-Dy-165

Incident Energy (MeV)

93

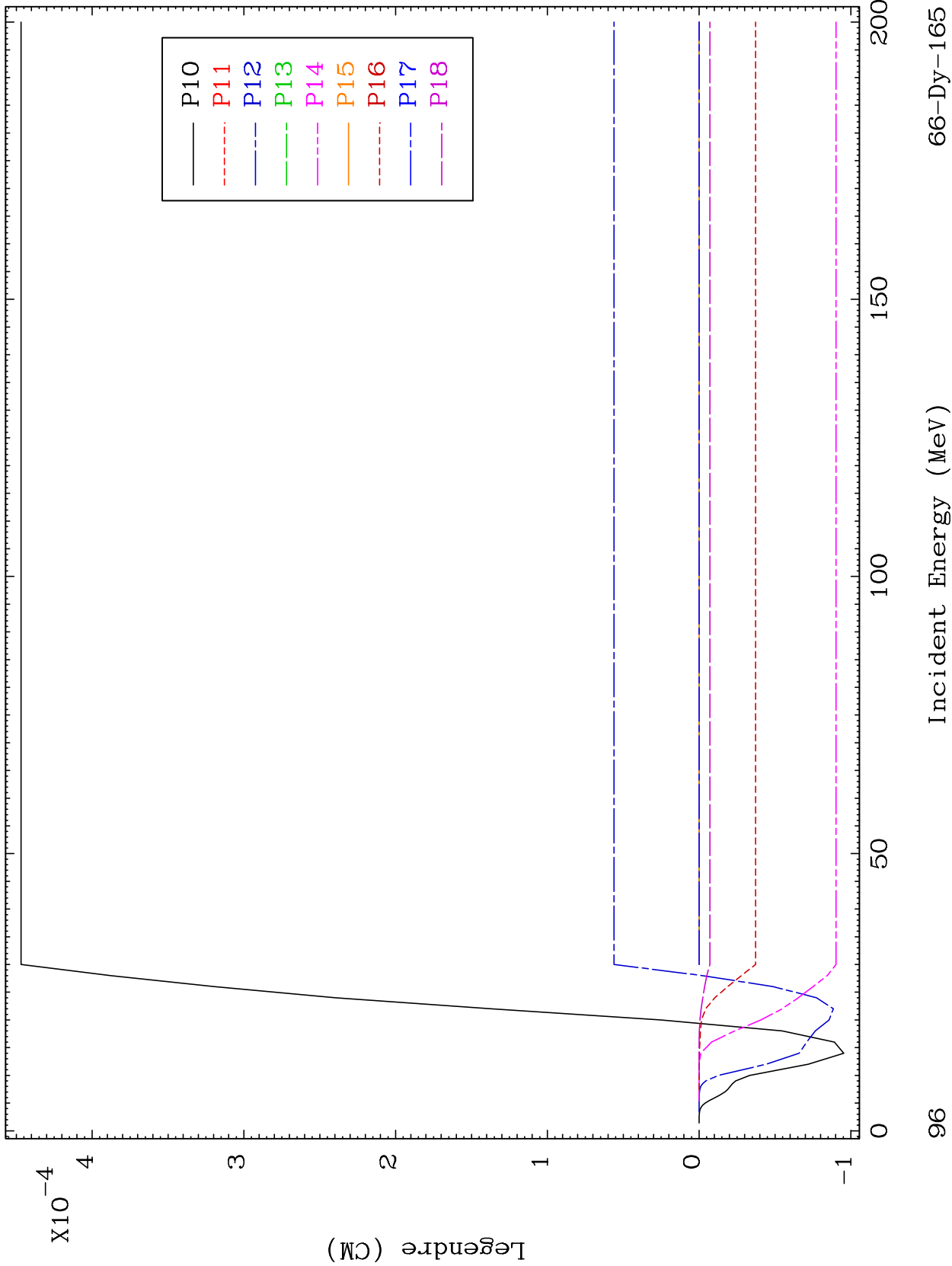




MAT 6652

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

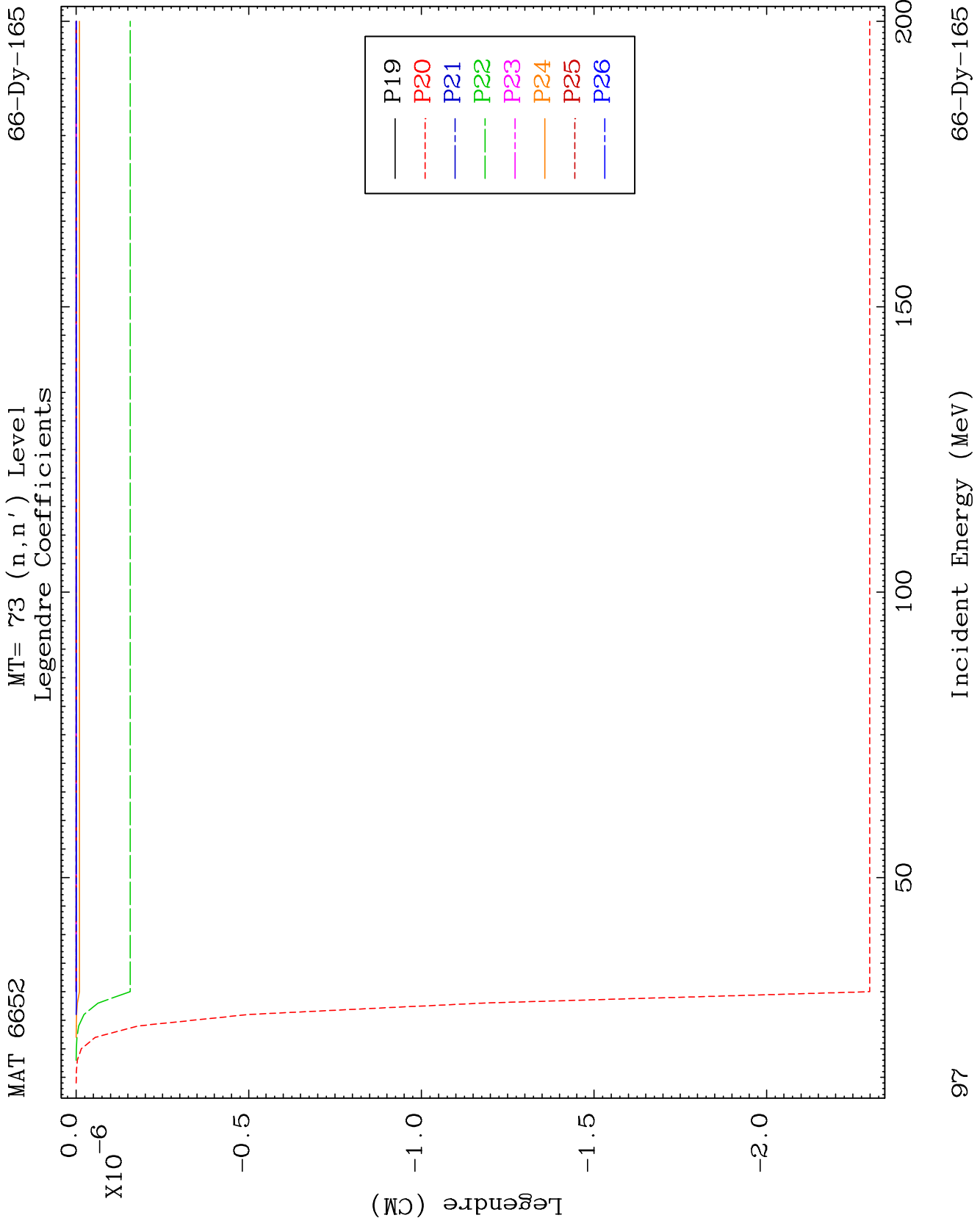
66-Dy-165



66-Dy-165

Incident Energy (MeV)

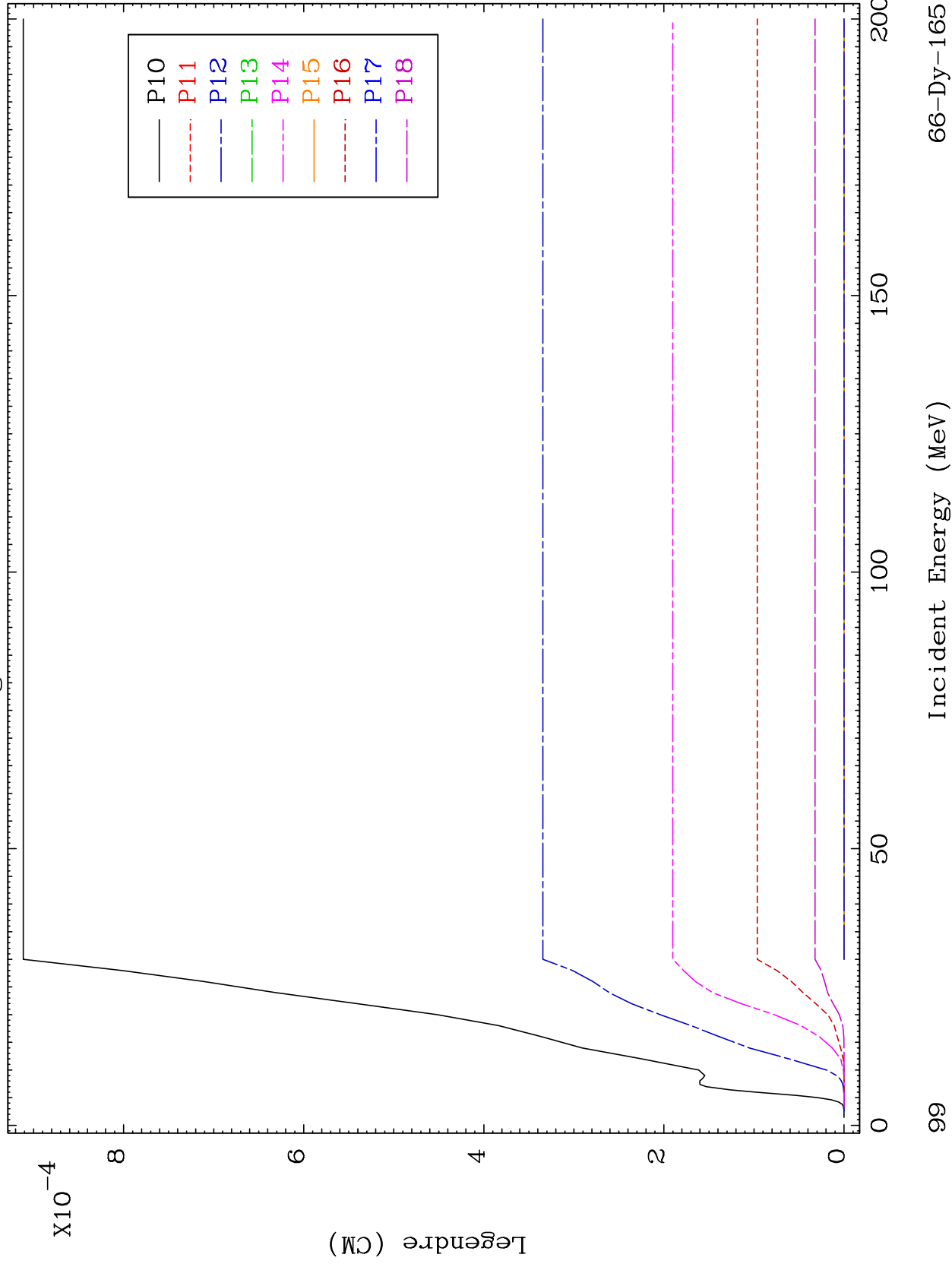
96



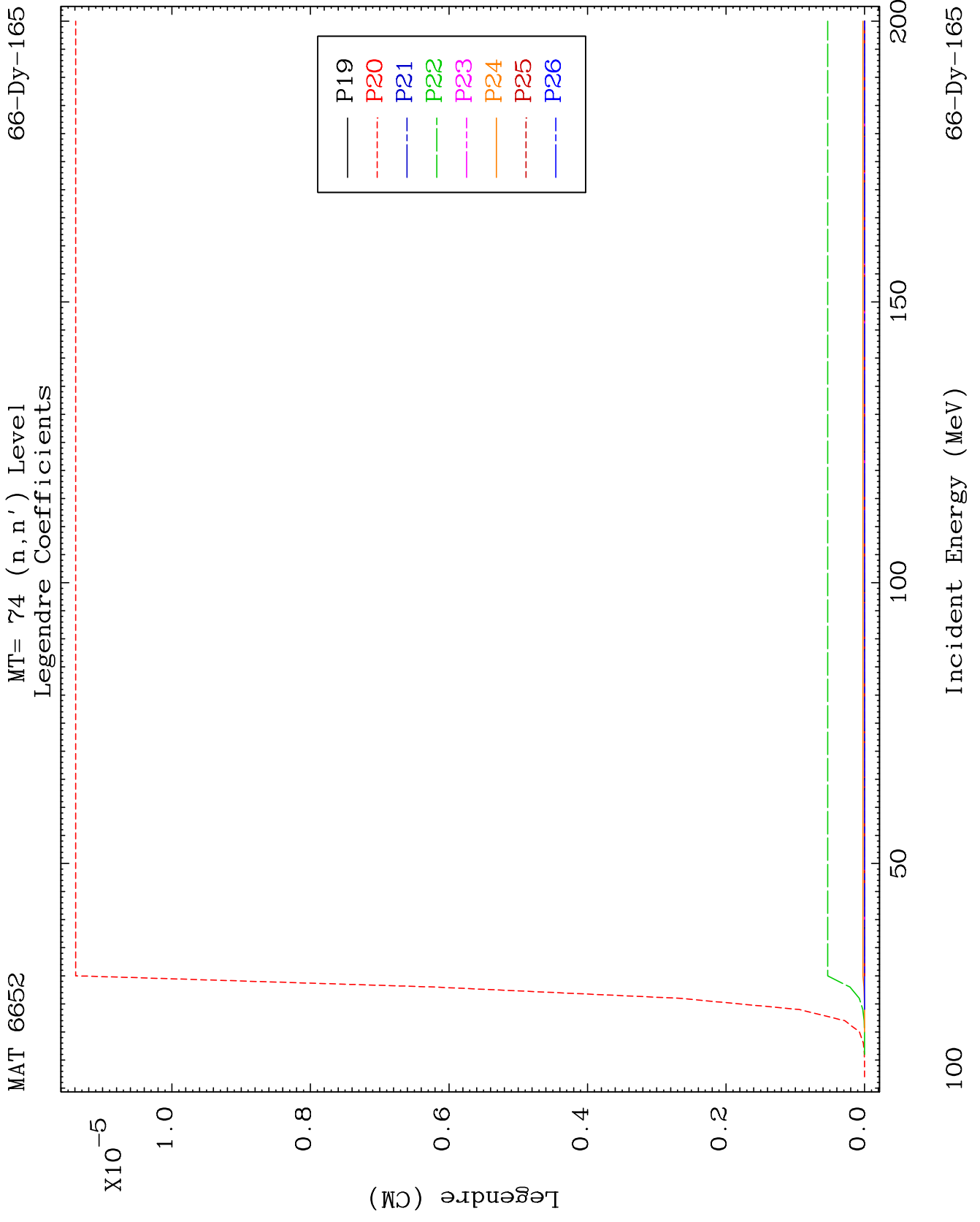
MAT 6652

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

66-Dy-165



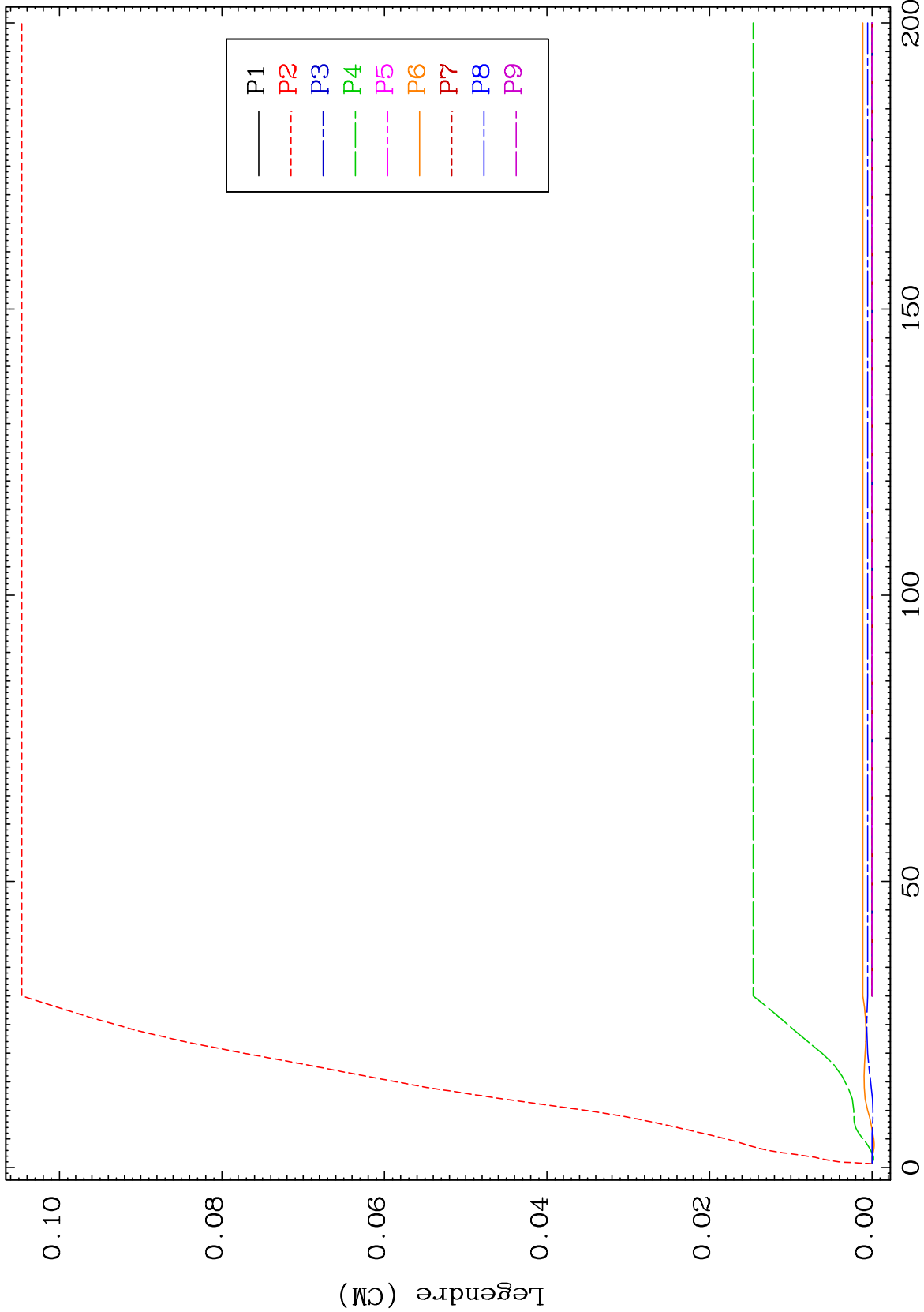
99



MAT 6652

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

66-Dy-165



101

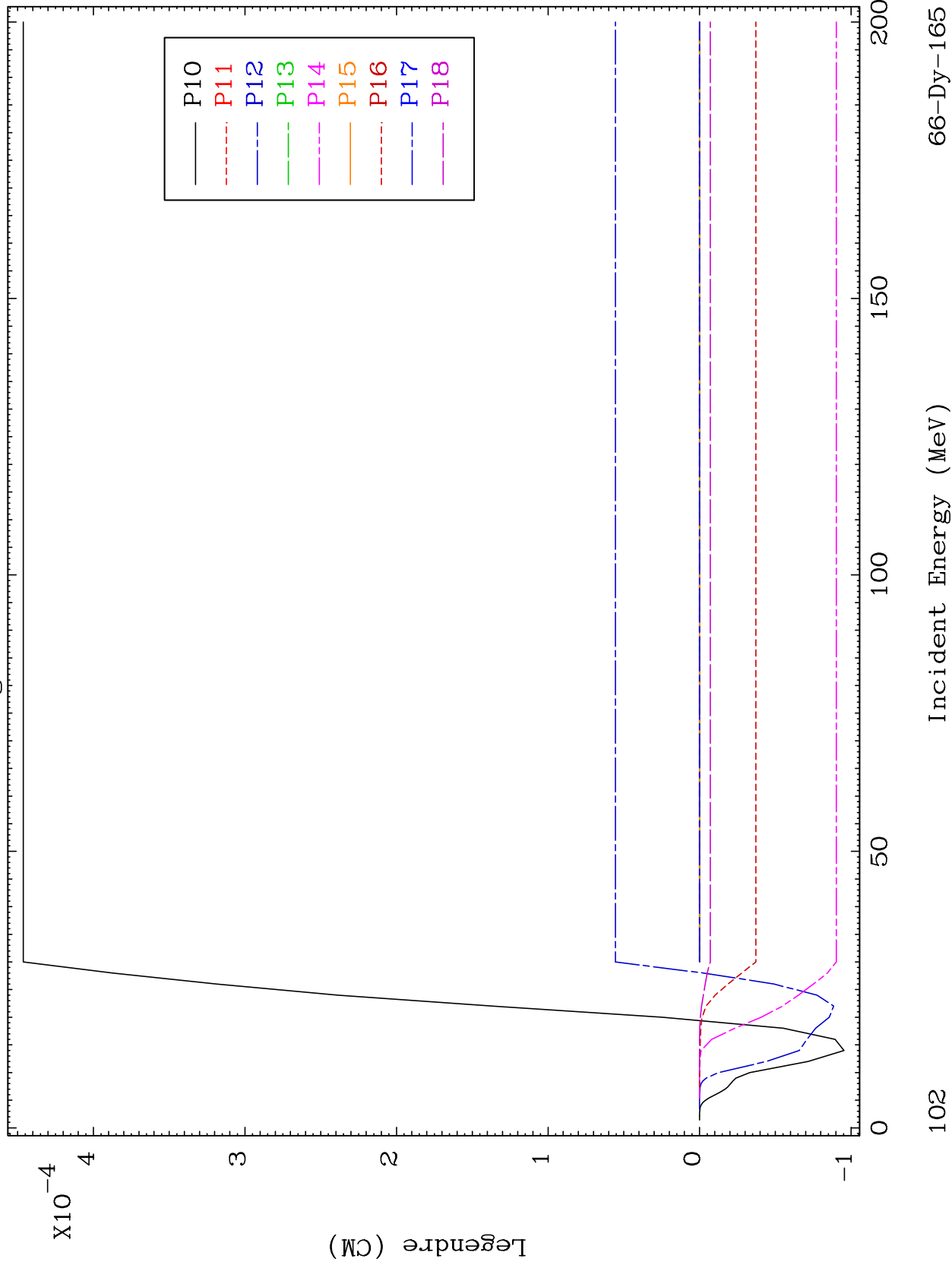
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

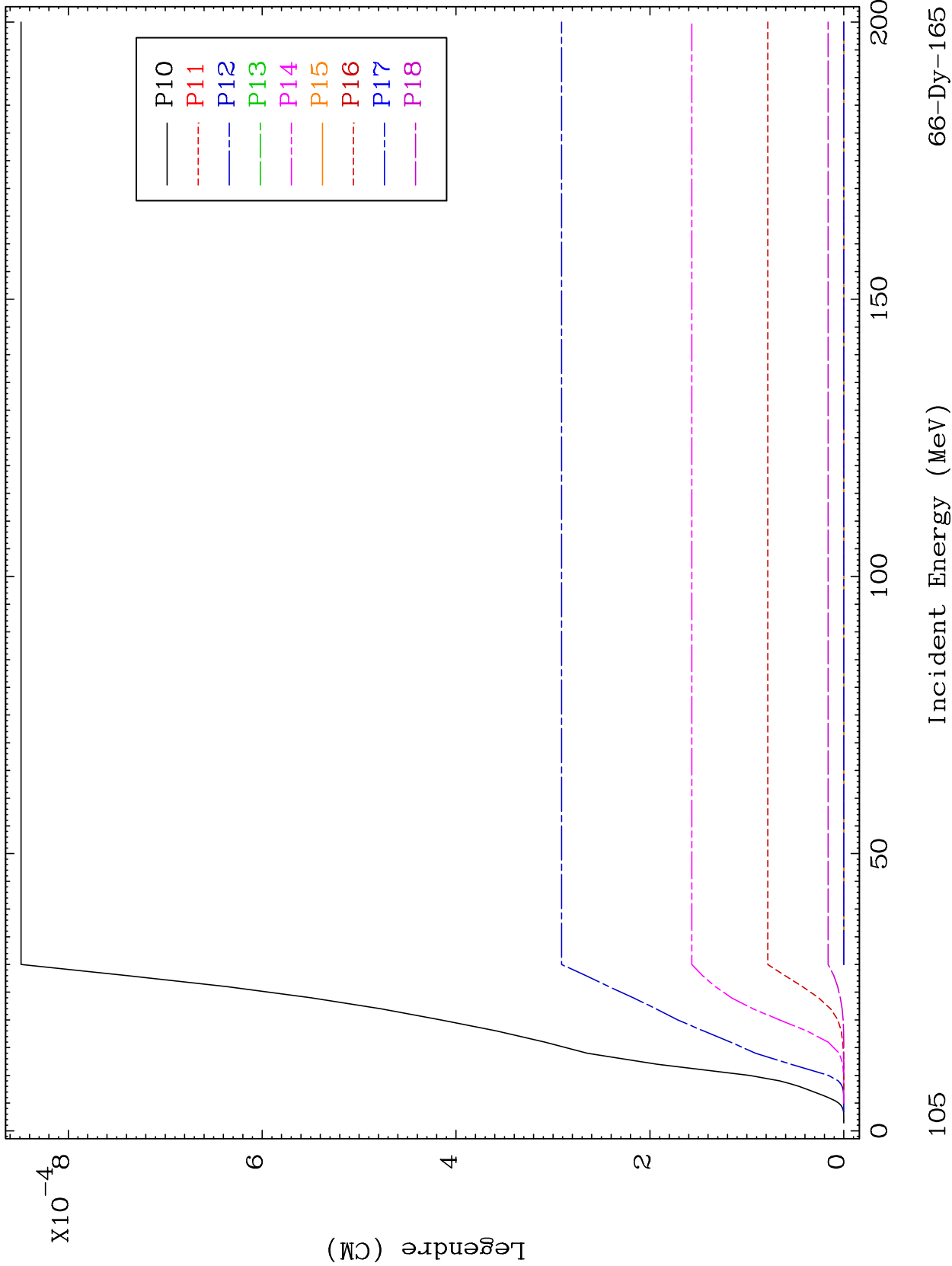
66-Dy-165

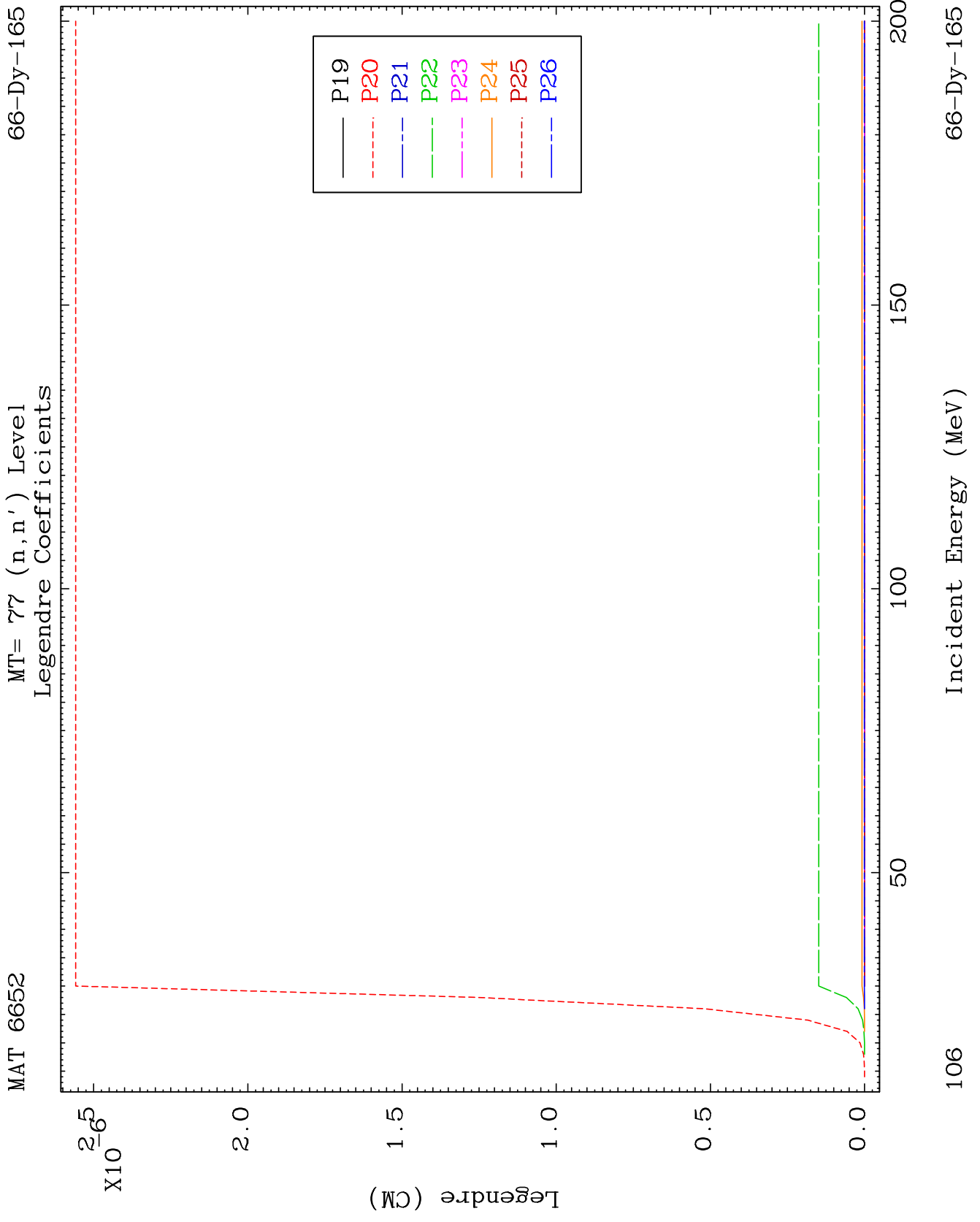


MAT 6652

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

66-Dy-165

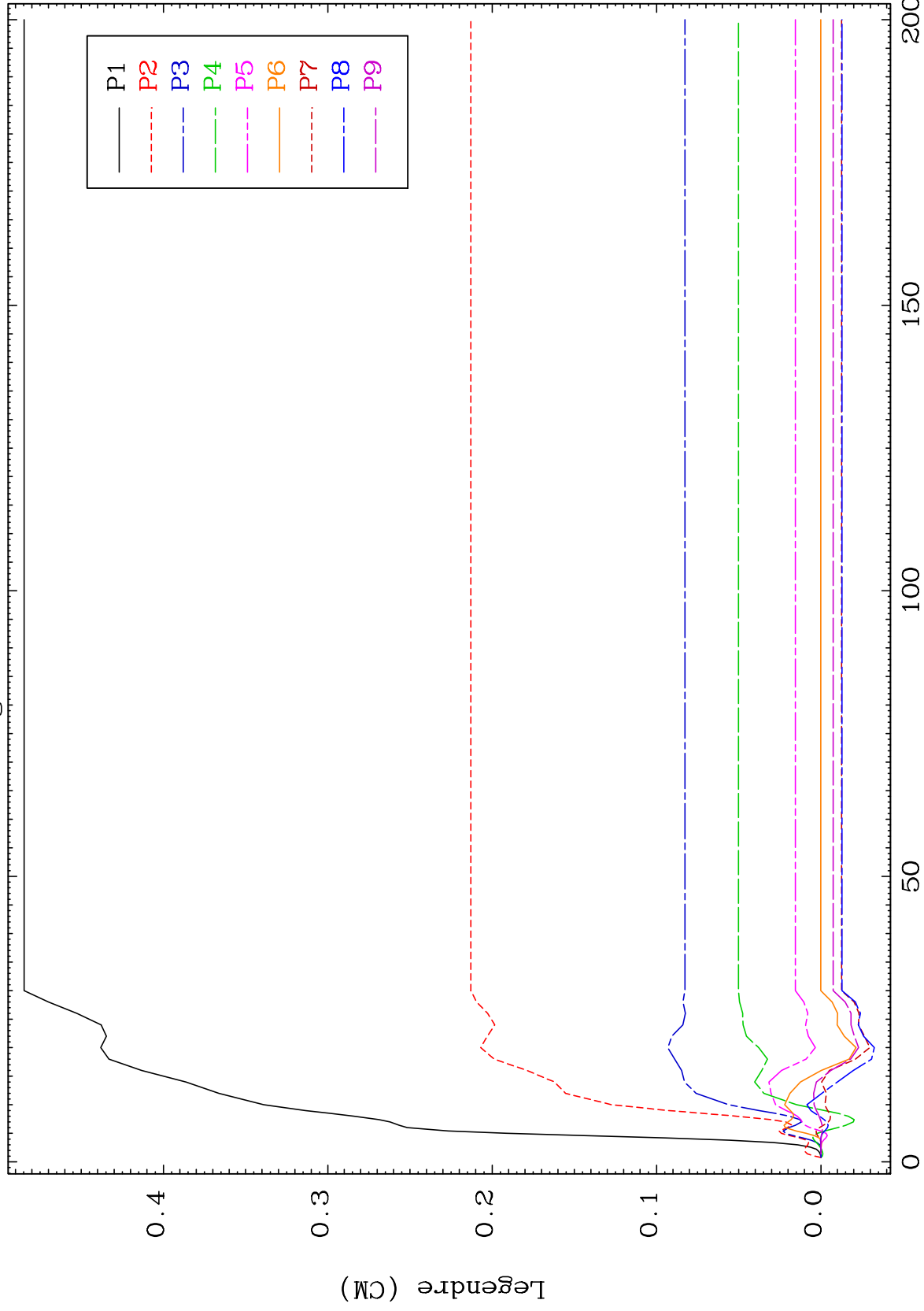




MAT 6652

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

66-Dy-165



107

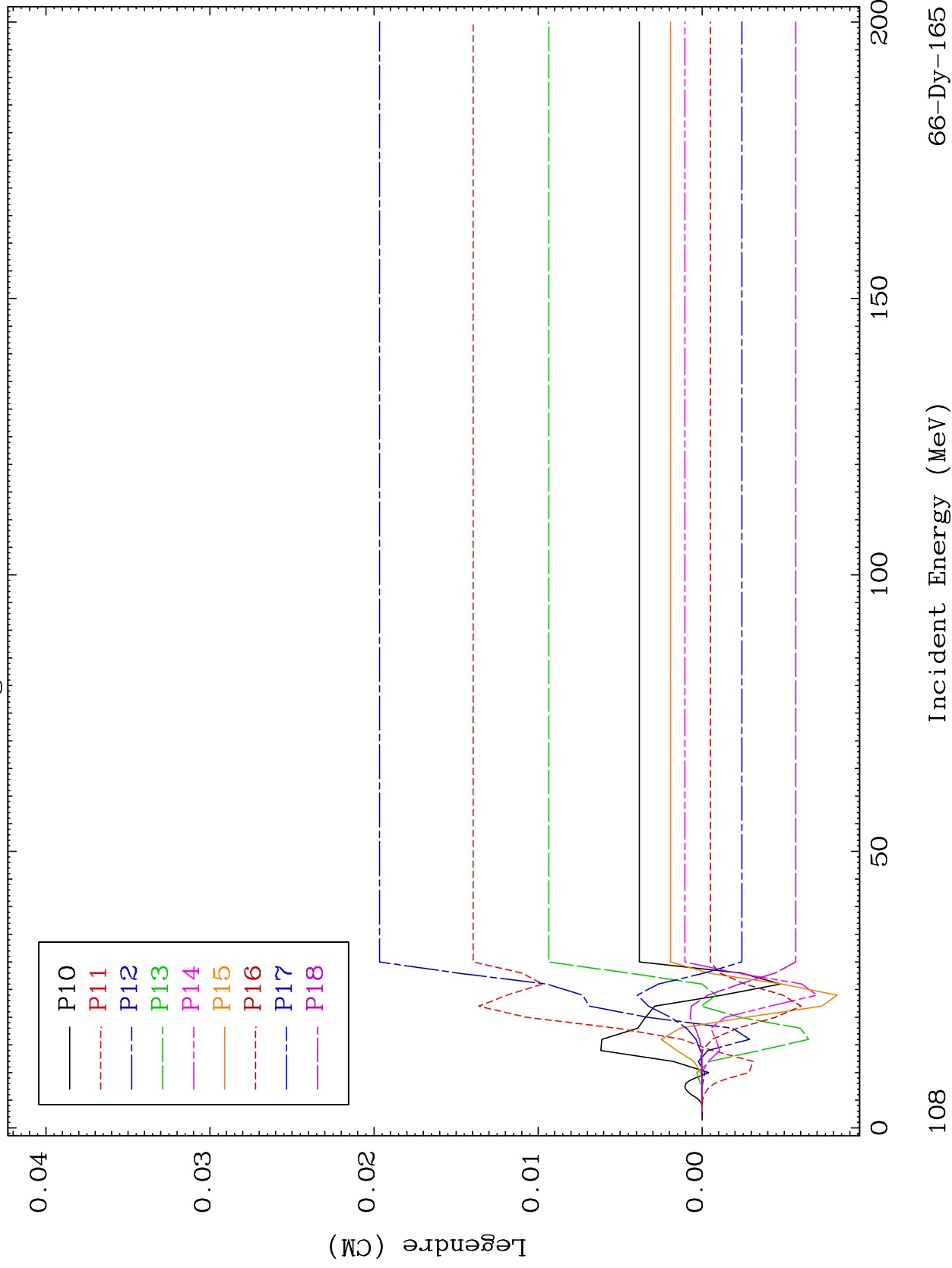
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



108

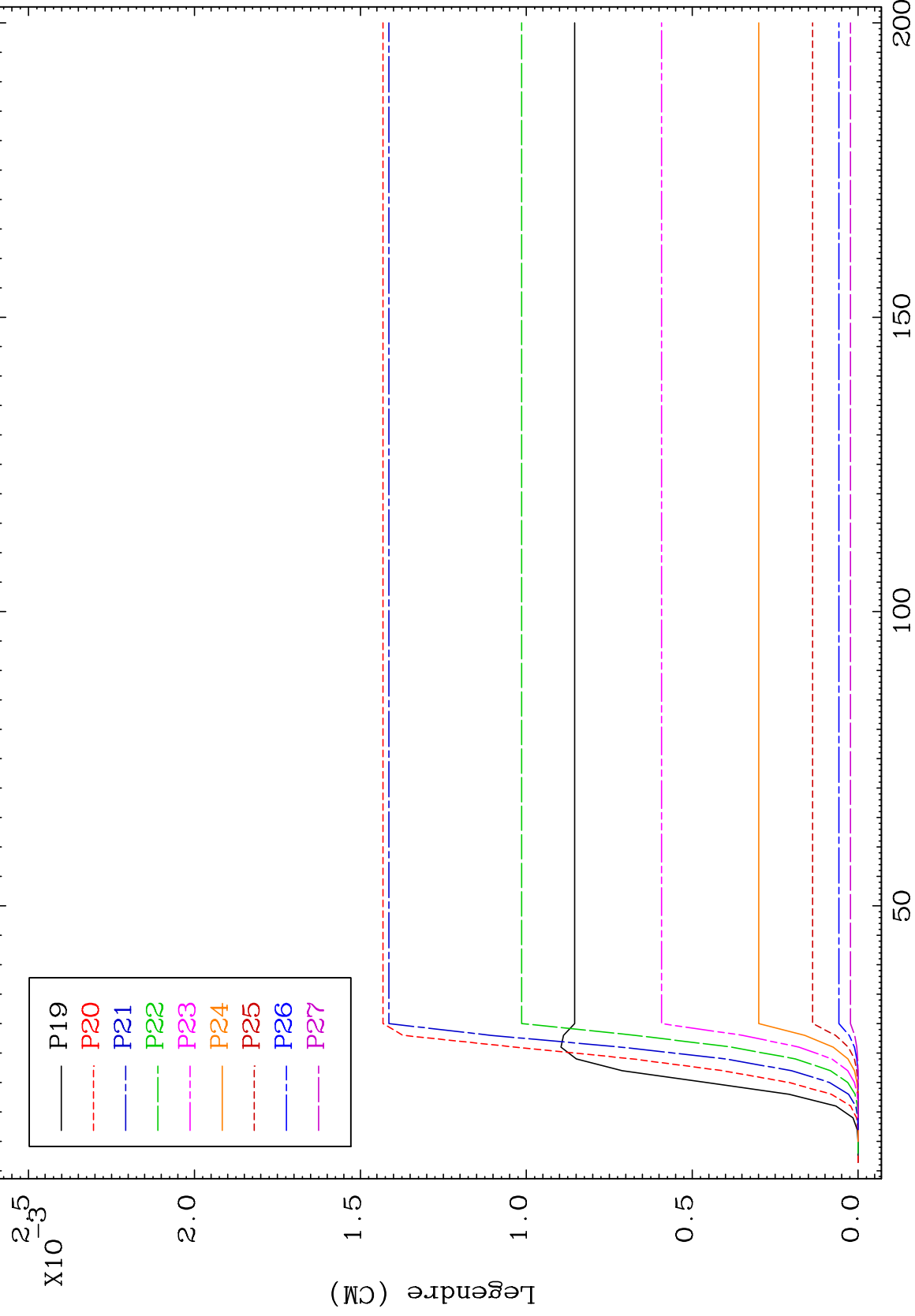
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



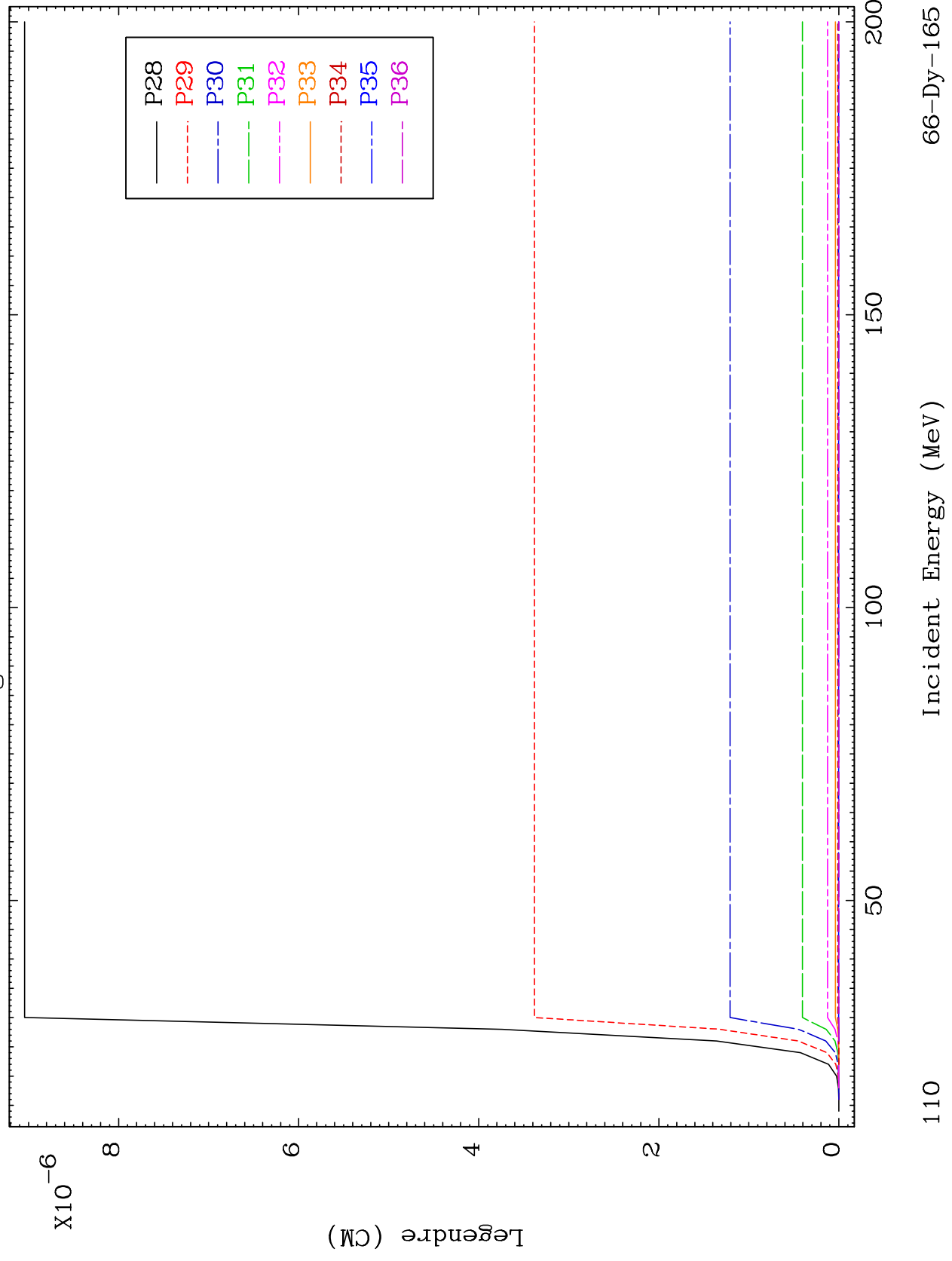
109

66-Dy-165

MAT 6652

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

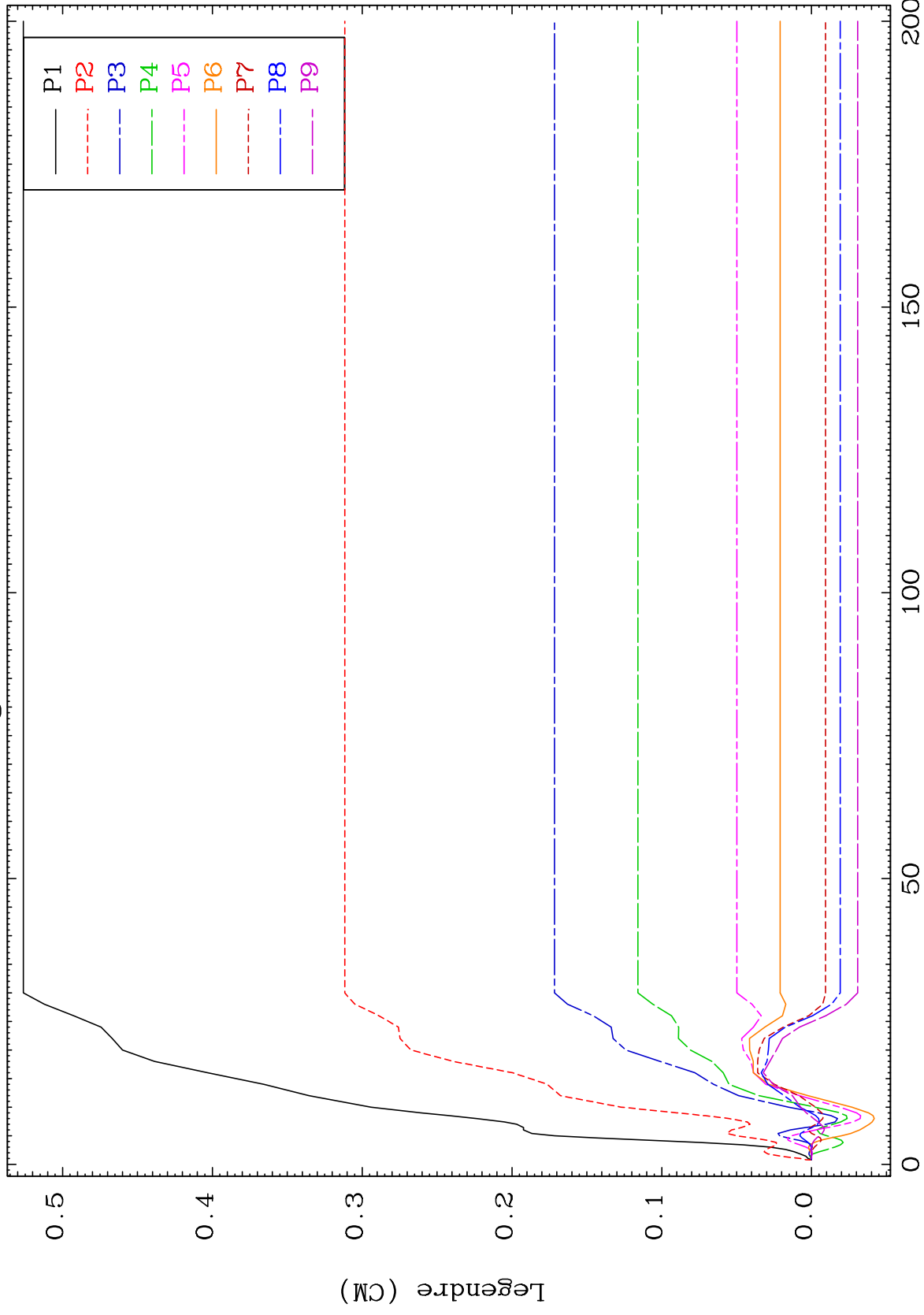
66-Dy-165



MAT 6652

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

66-Dy-165



66-Dy-165

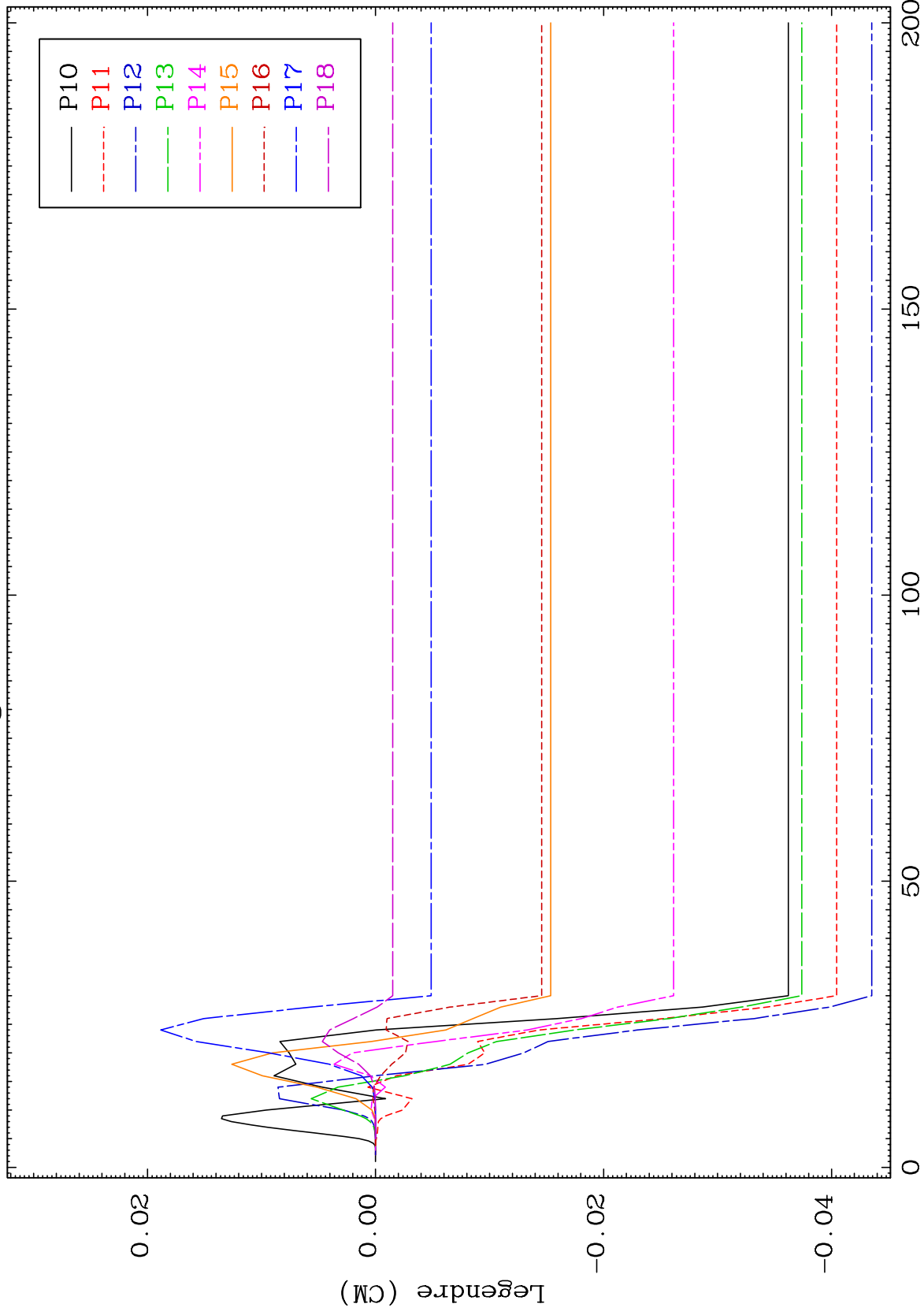
Incident Energy (MeV)

111

MAT 6652

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

66-Dy-165



112

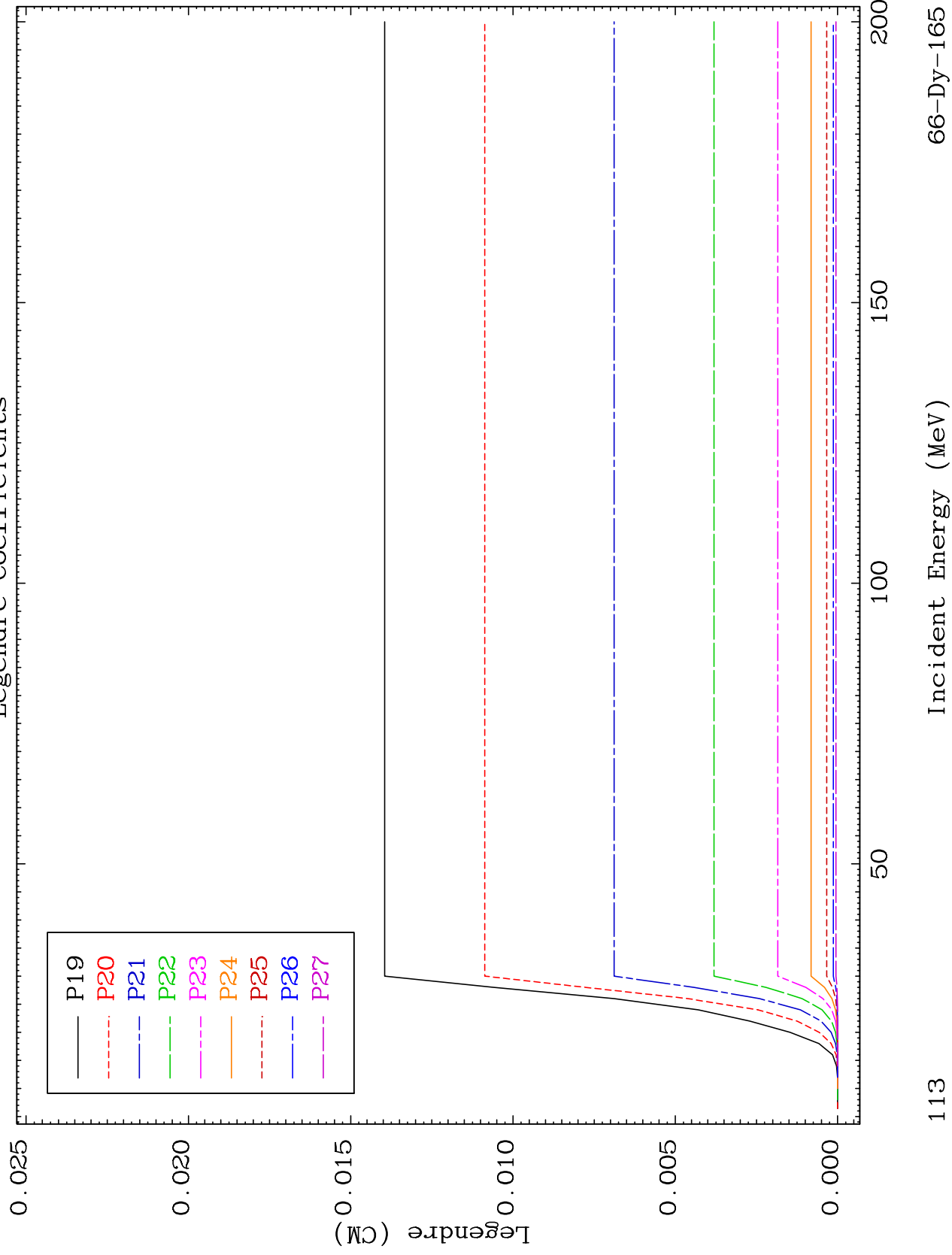
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



113

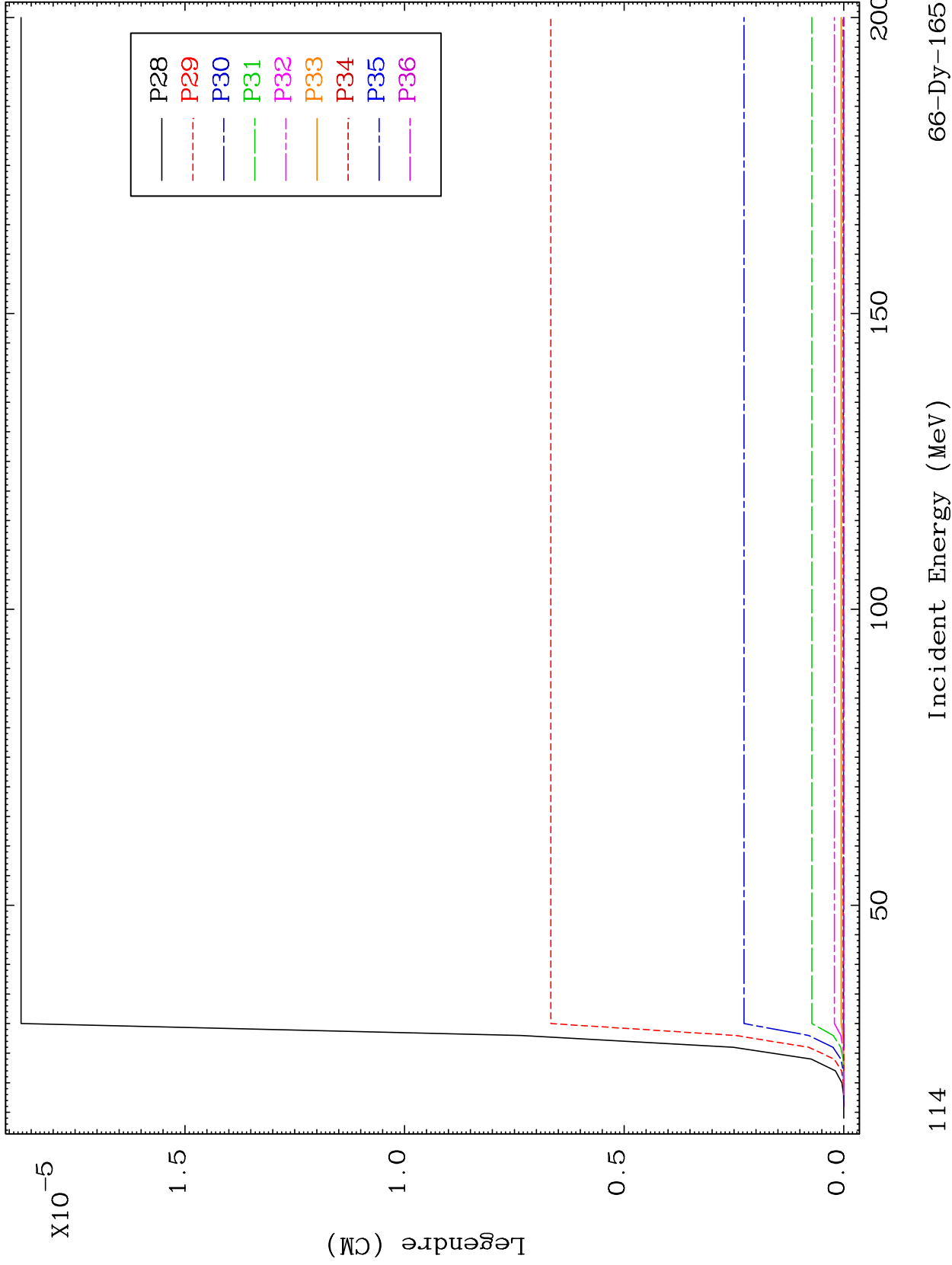
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



114

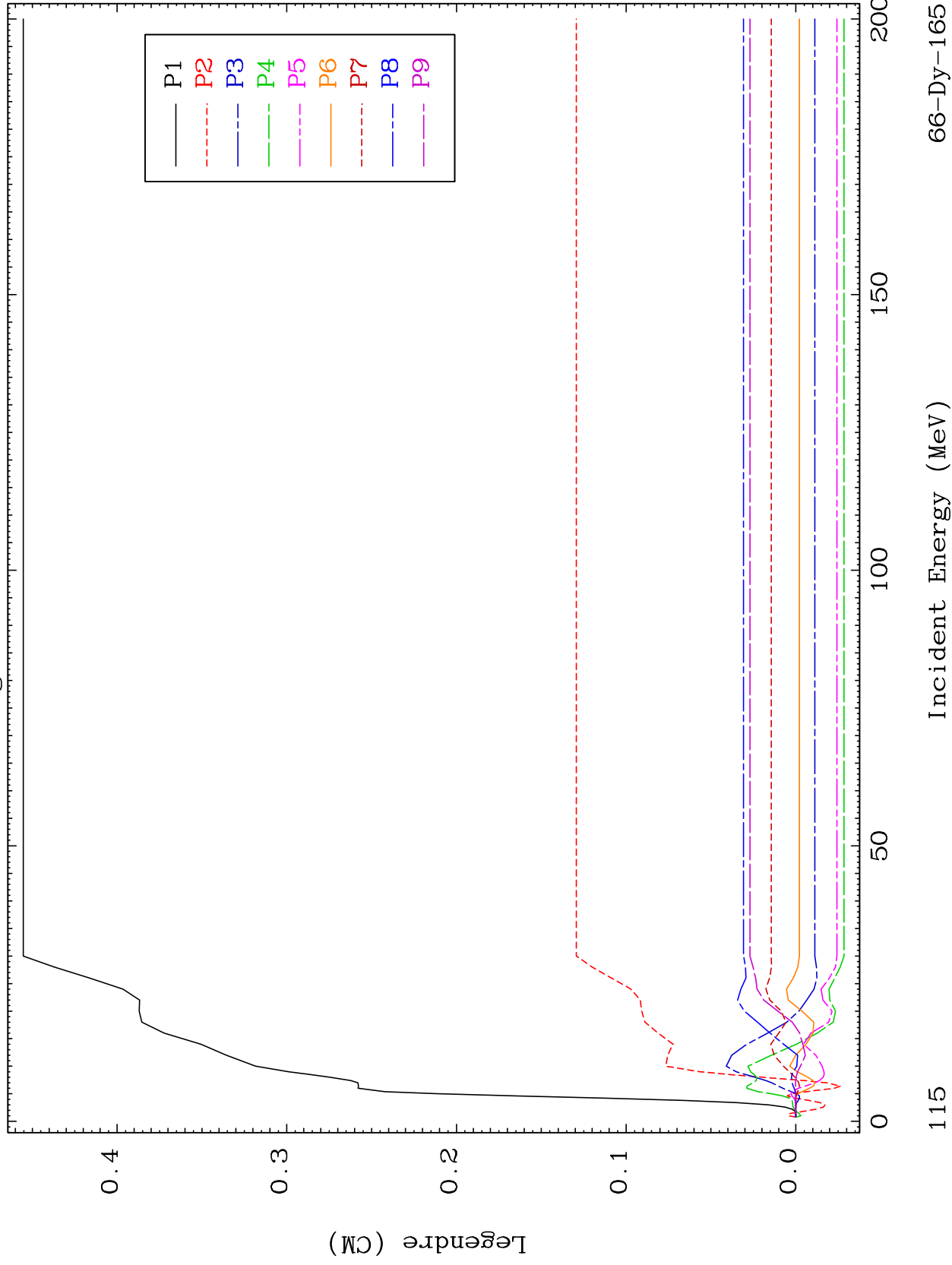
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



66-Dy-165

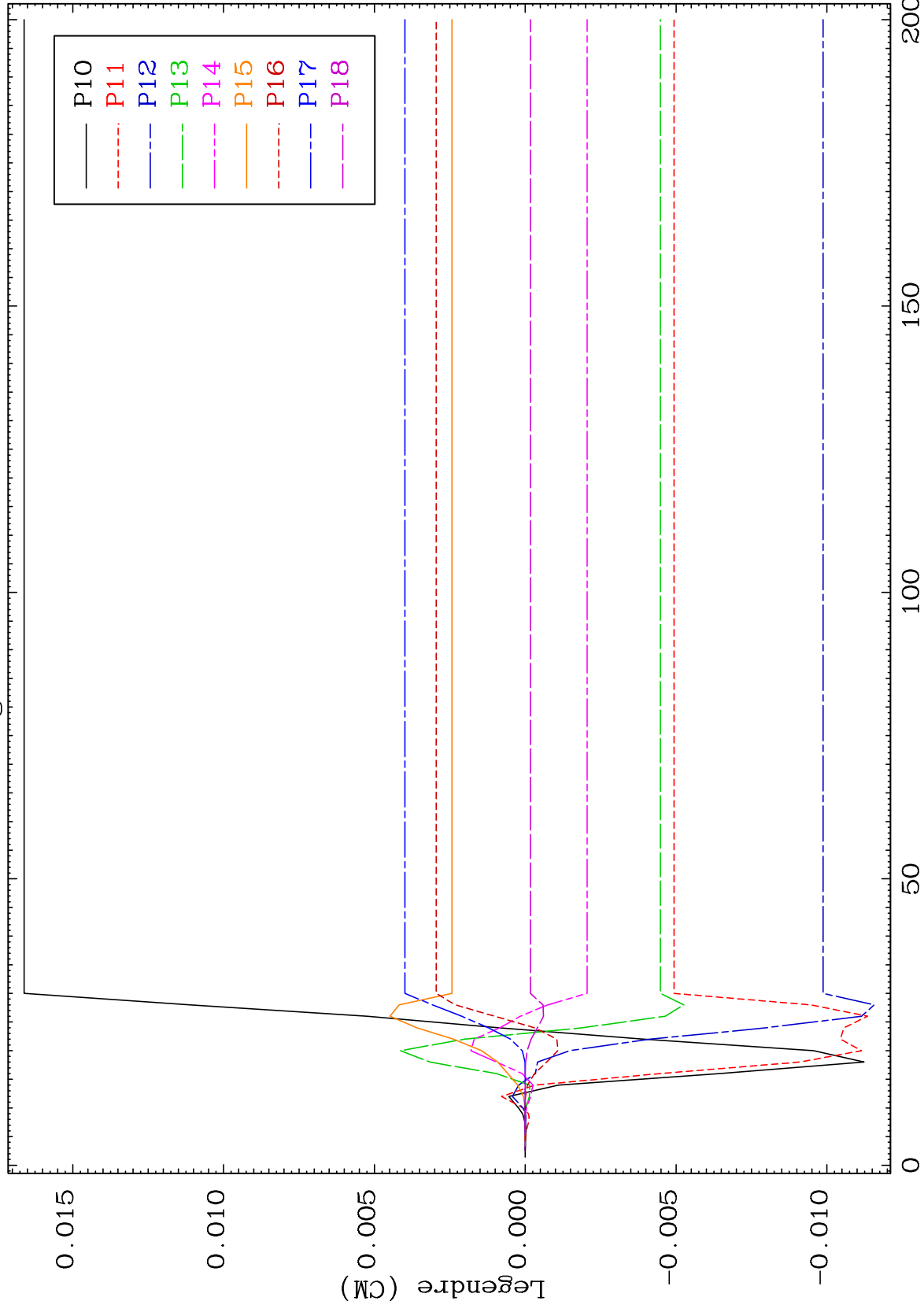
Incident Energy (MeV)

115

MAT 6652

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

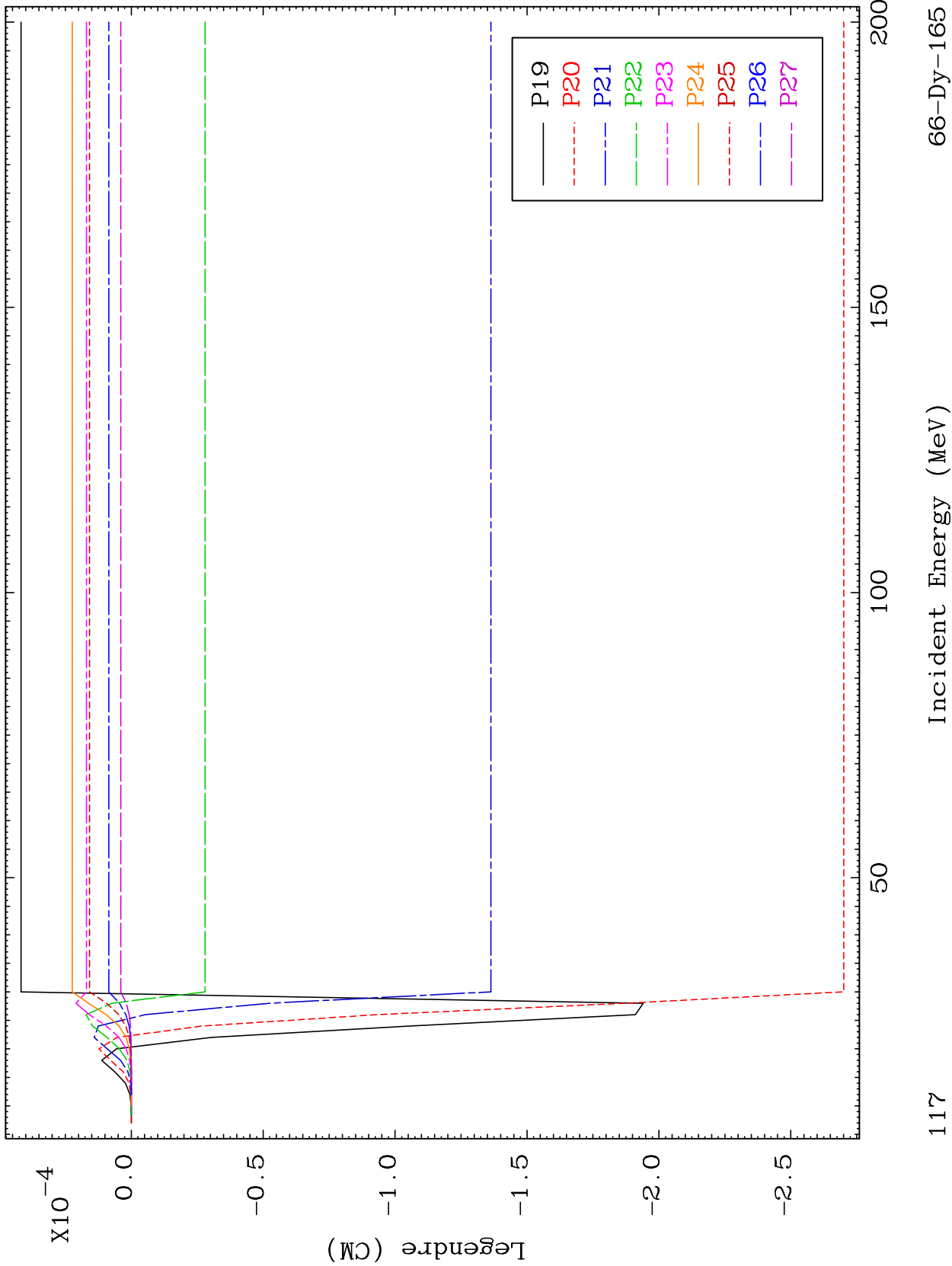
66-Dy-165



116

Incident Energy (MeV)

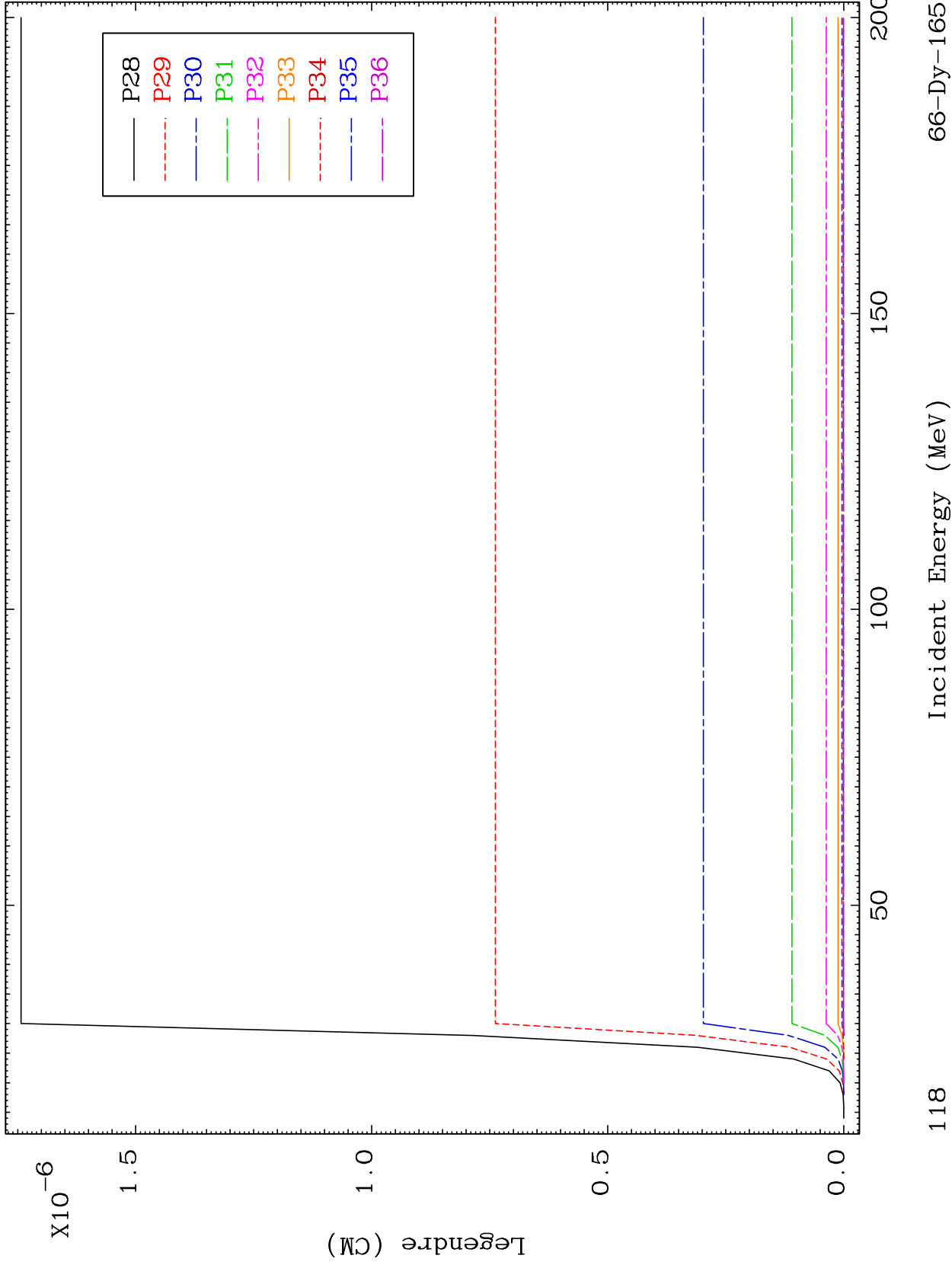
66-Dy-165



MAT 6652

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

66-Dy-165



118

Incident Energy (MeV)

66-Dy-165

MAT 6652

Radionuclide Production Cross Section

66-Dy-165

