

Program EVALPLOT  
(Version 2021-1)

by

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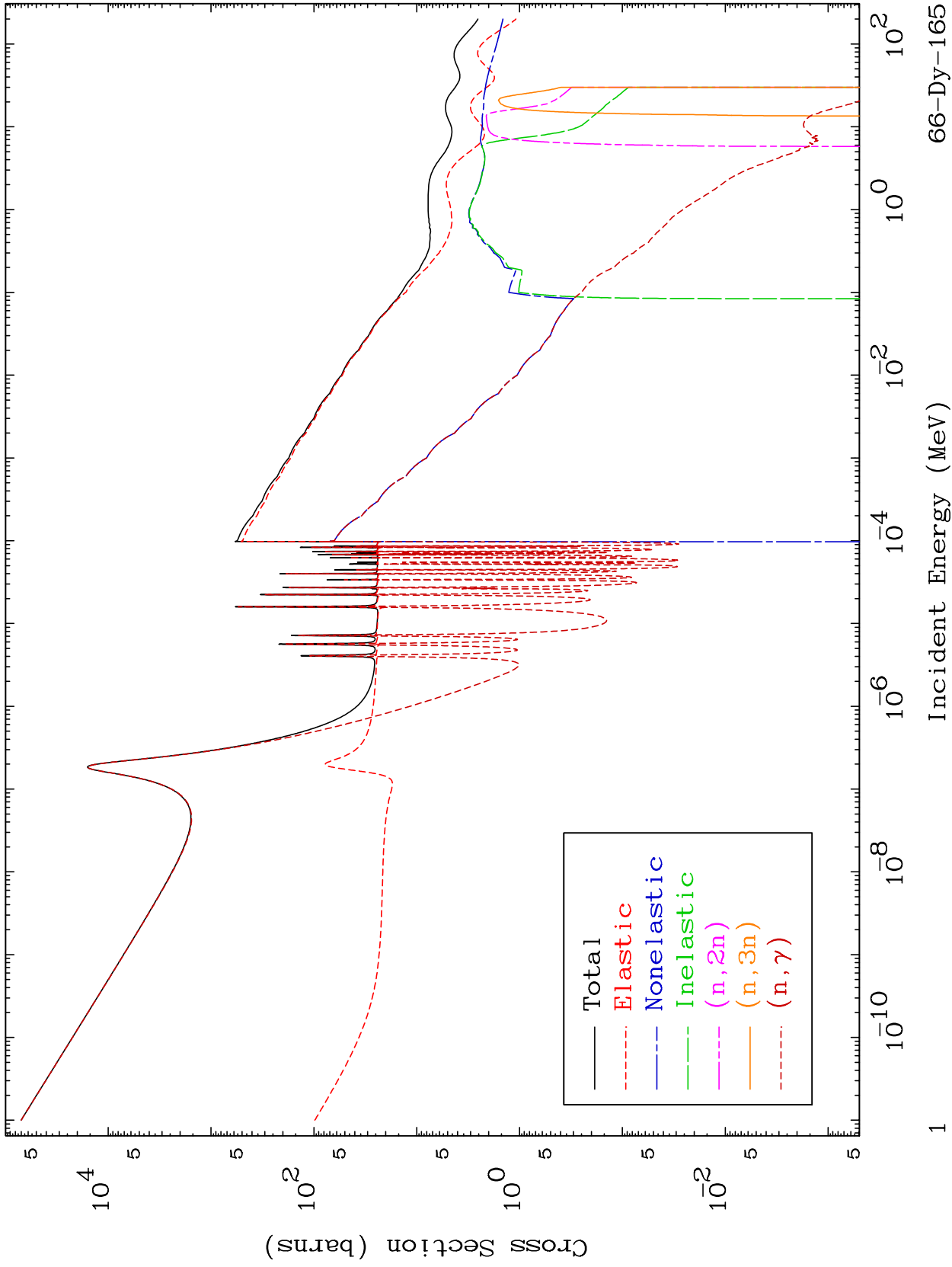
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Press Mouse Button to Start

MAT 6652

Neutron Major  
293 Kelvin Cross Sections

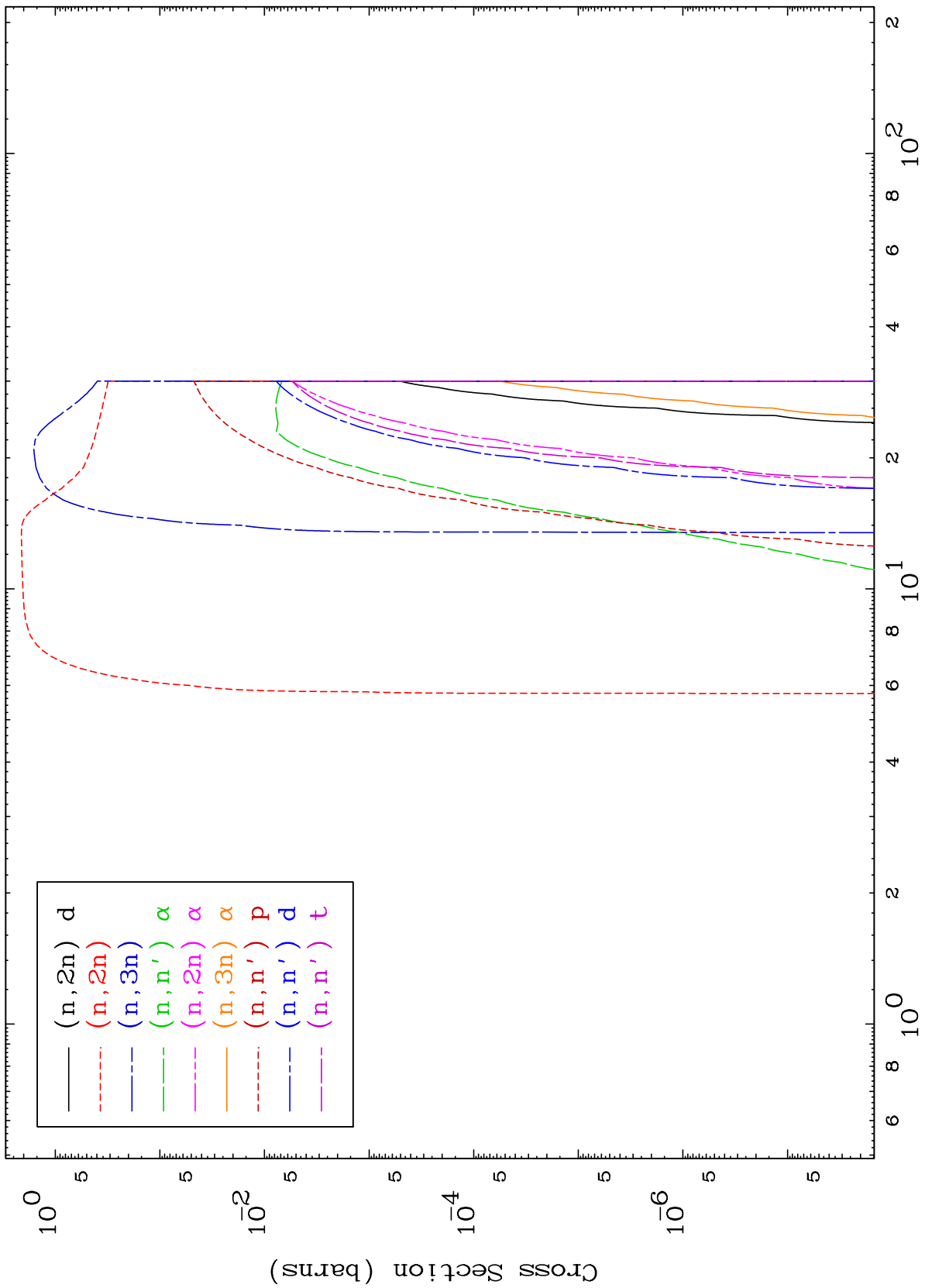
66-Dy-165

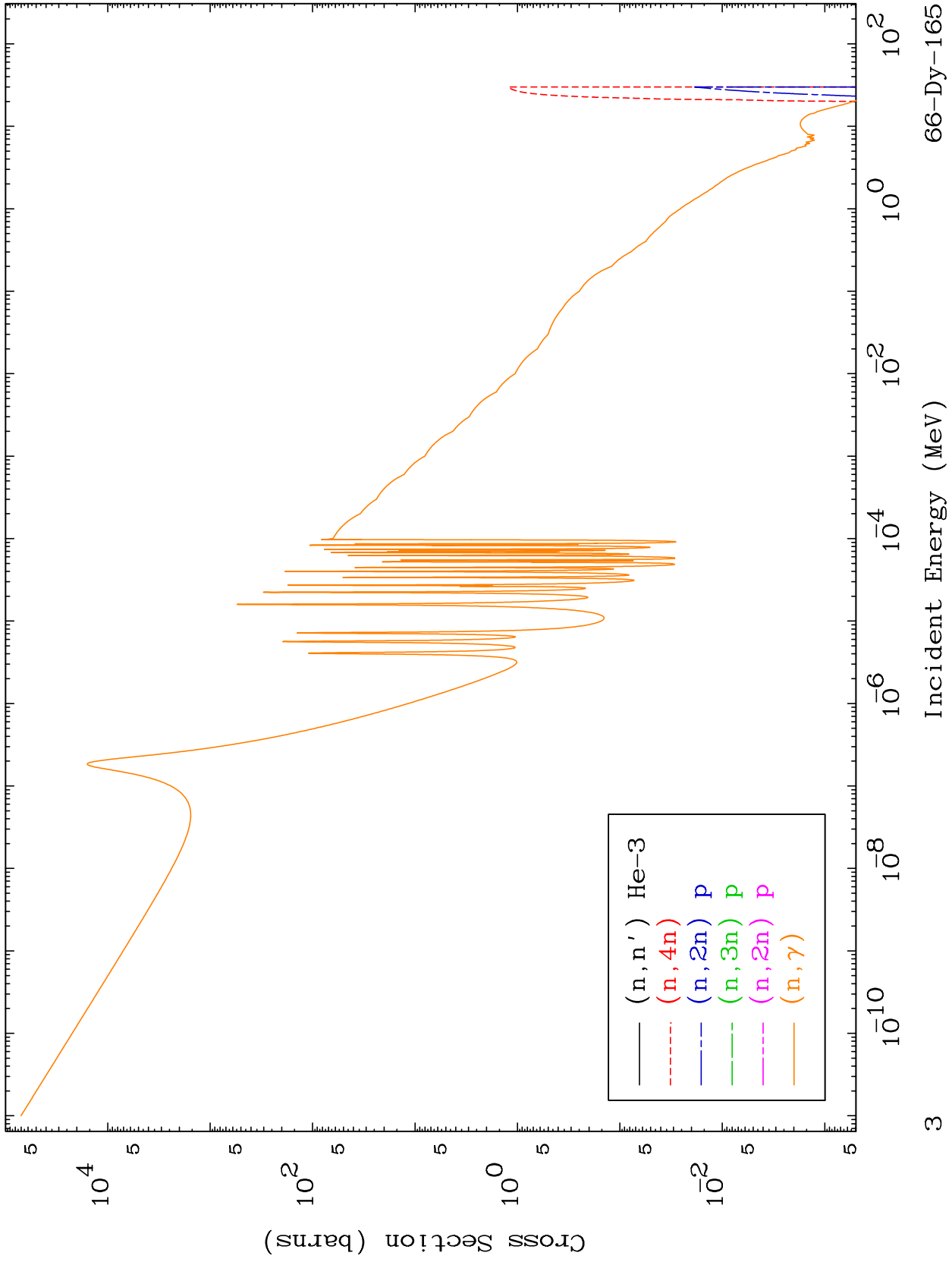


MAT 6652

Neutron Absorption  
293 Kelvin Cross Sections

66-Dy-165

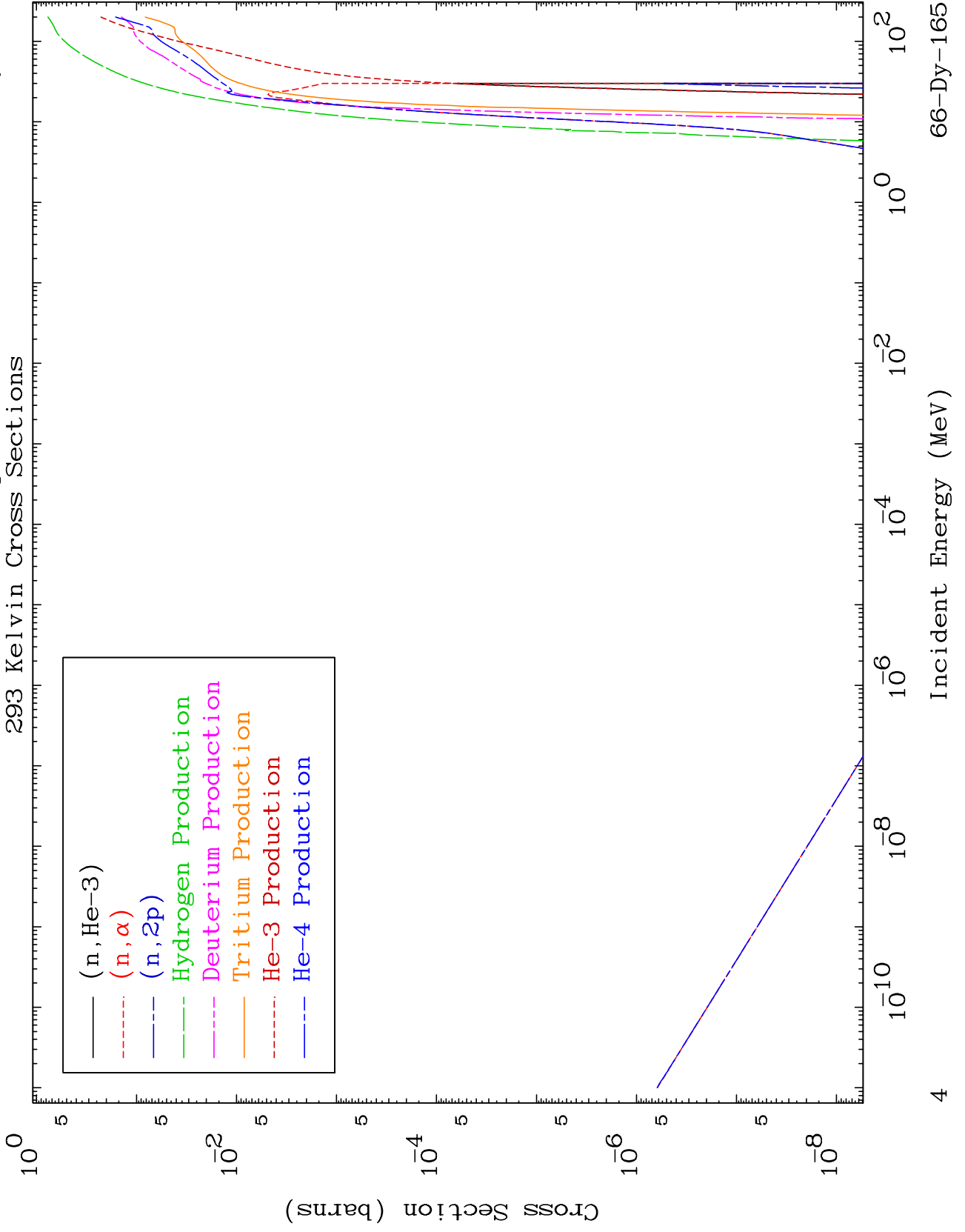




MAT 6652

Neutron Absorption  
293 Kelvin Cross Sections

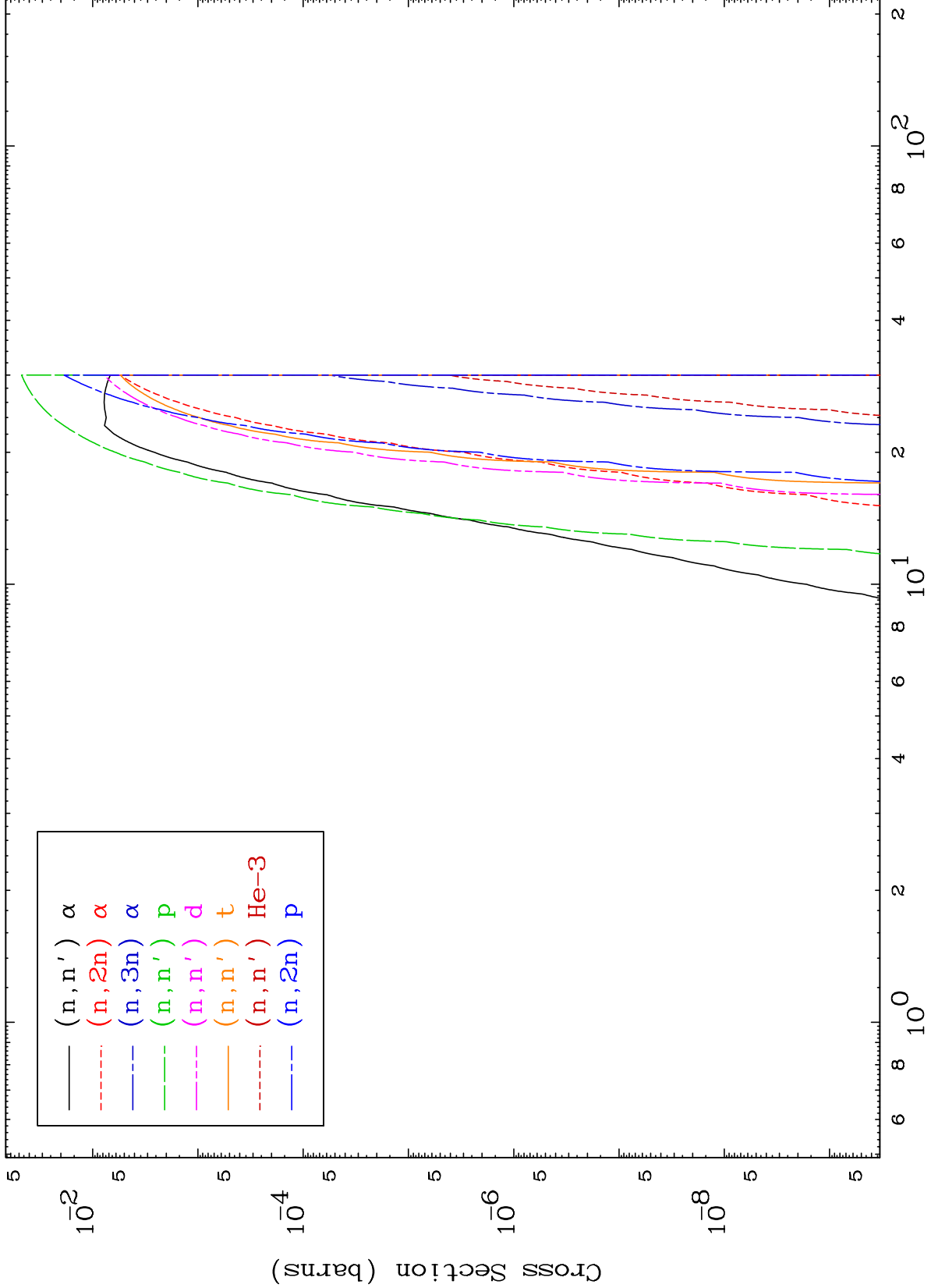
66-Dy-165



MAT 6652

Charged Particle  
293 Kelvin Cross Sections

66-Dy-165



5

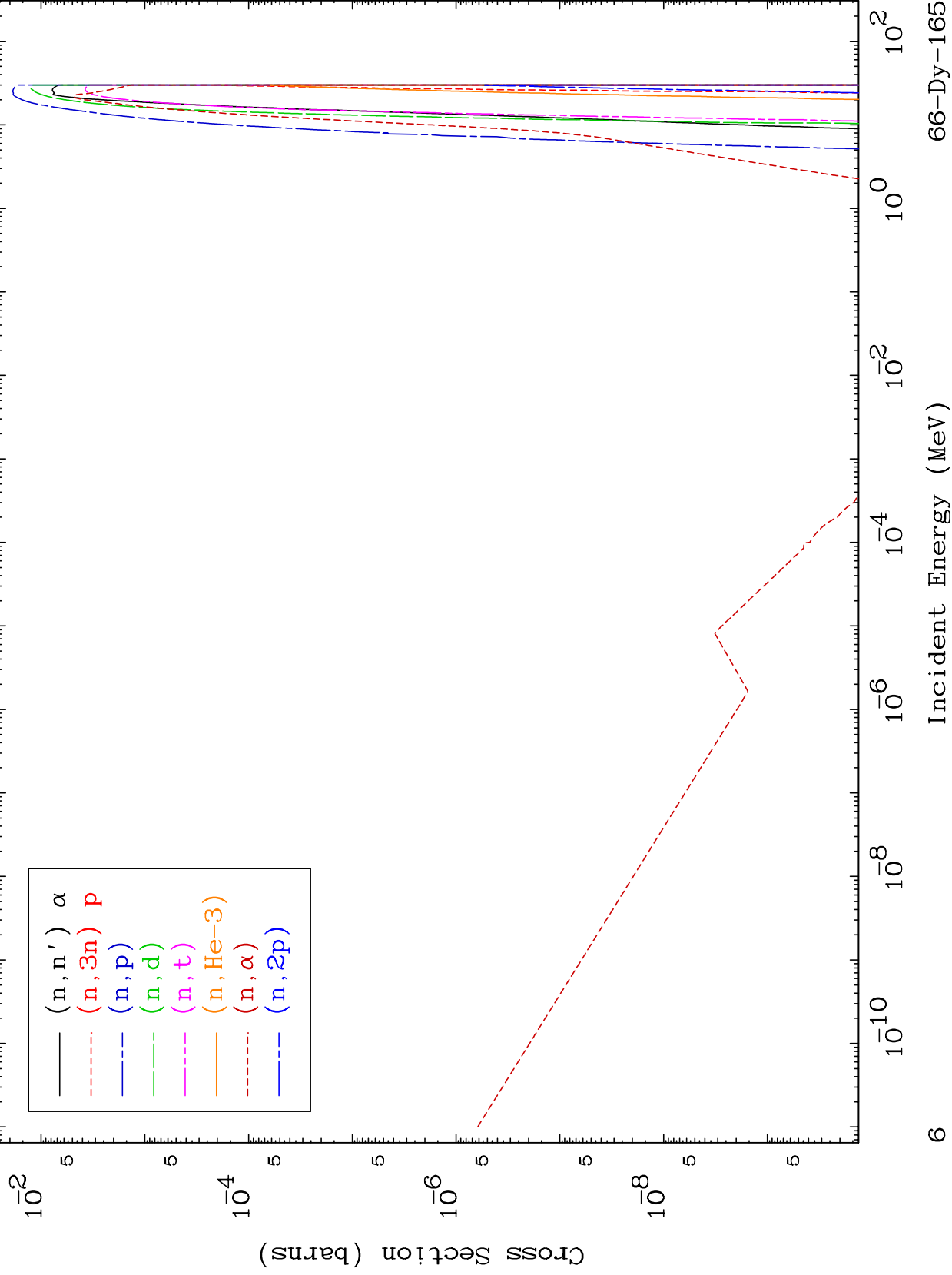
Incident Energy (MeV)

66-Dy-165

MAT 6652

Charged Particle  
293 Kelvin Cross Sections

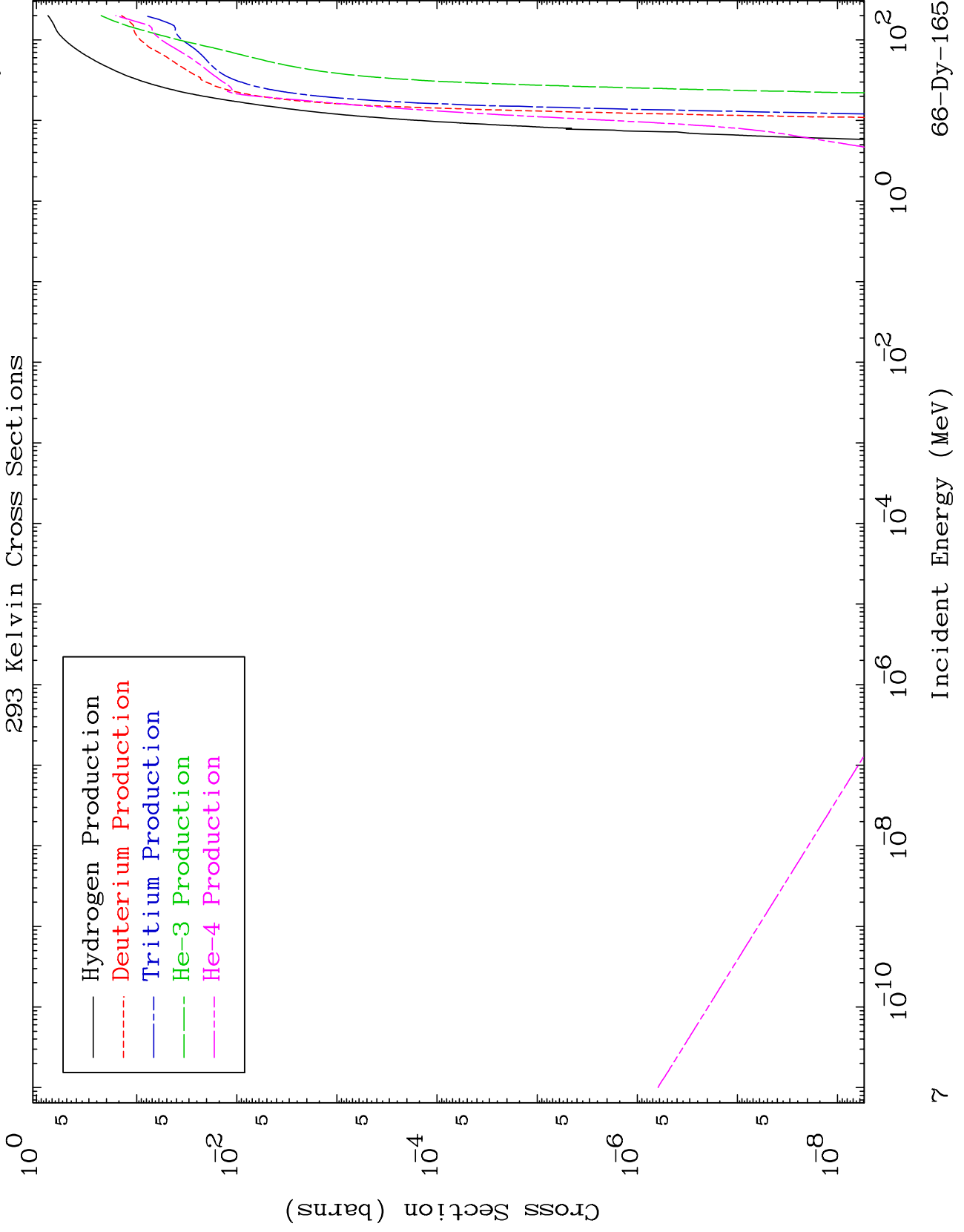
66-Dy-165



MAT 6652

Particle Production  
293 Kelvin Cross Sections

66-Dy-165



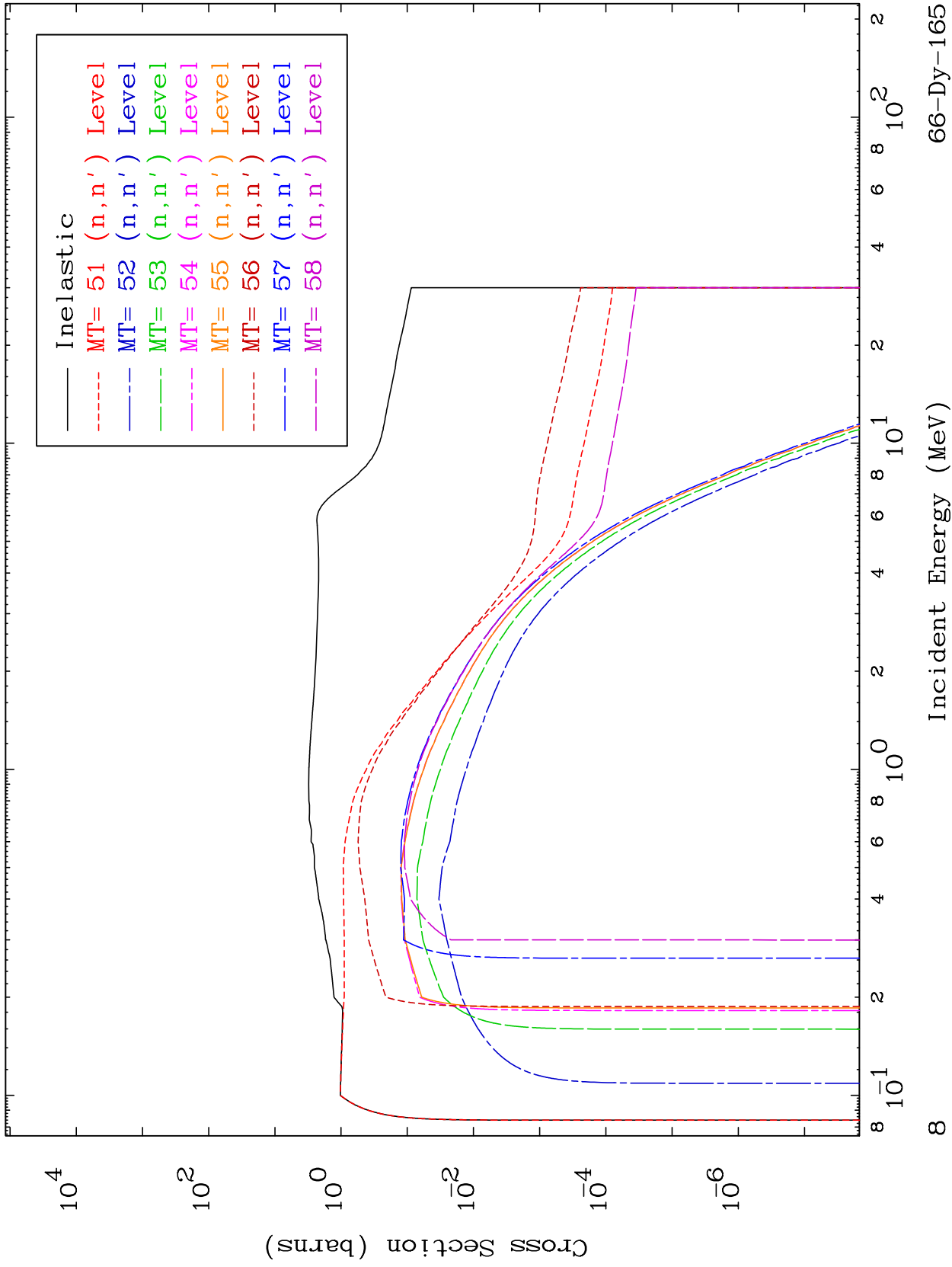


MAT 6652

(n,n') Levels

293 Kelvin Cross Sections

66-Dy-165



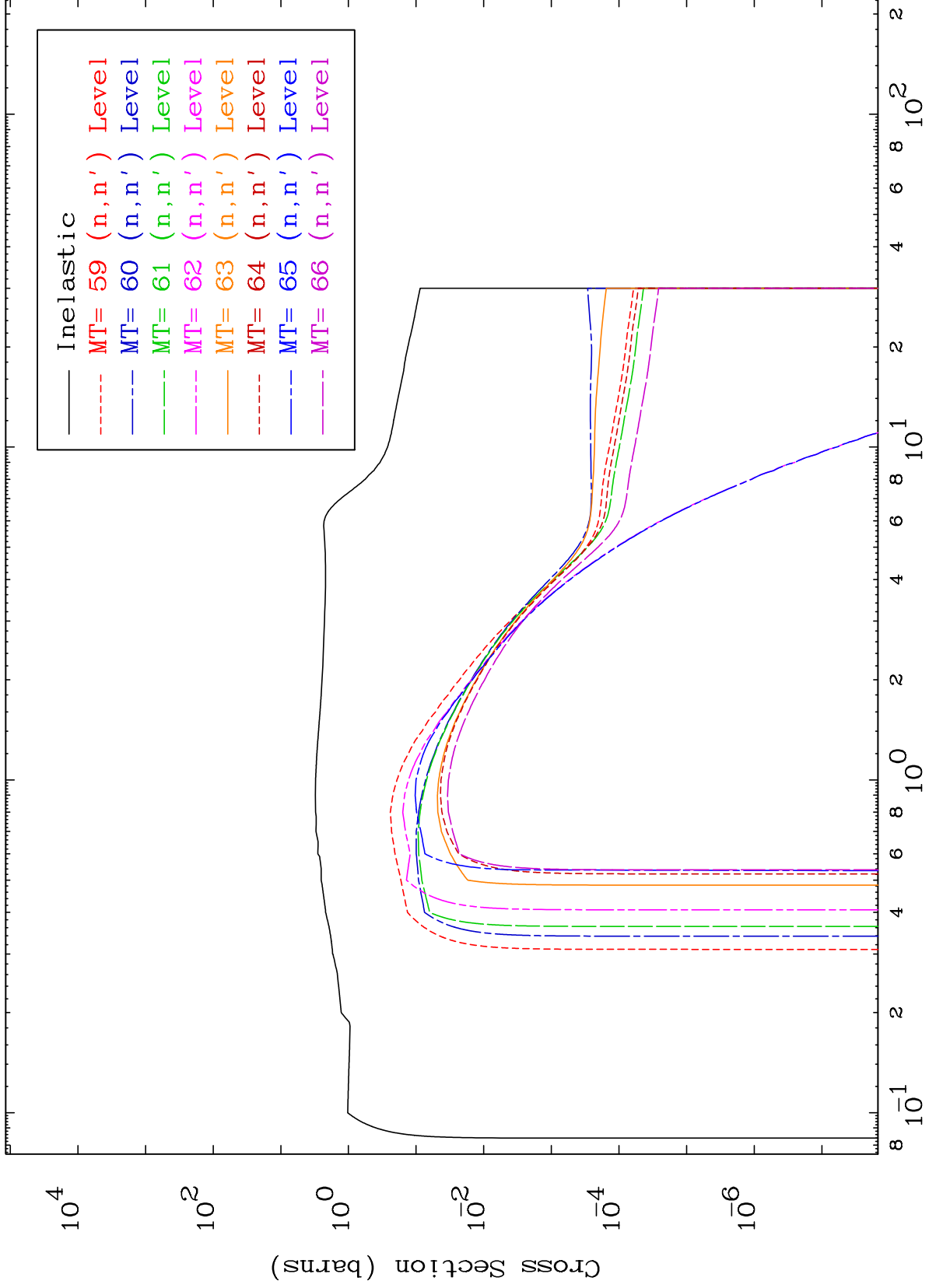
8

MAT 6652

(n,n') Levels

293 Kelvin Cross Sections

66-Dy-165



9

Incident Energy (MeV)

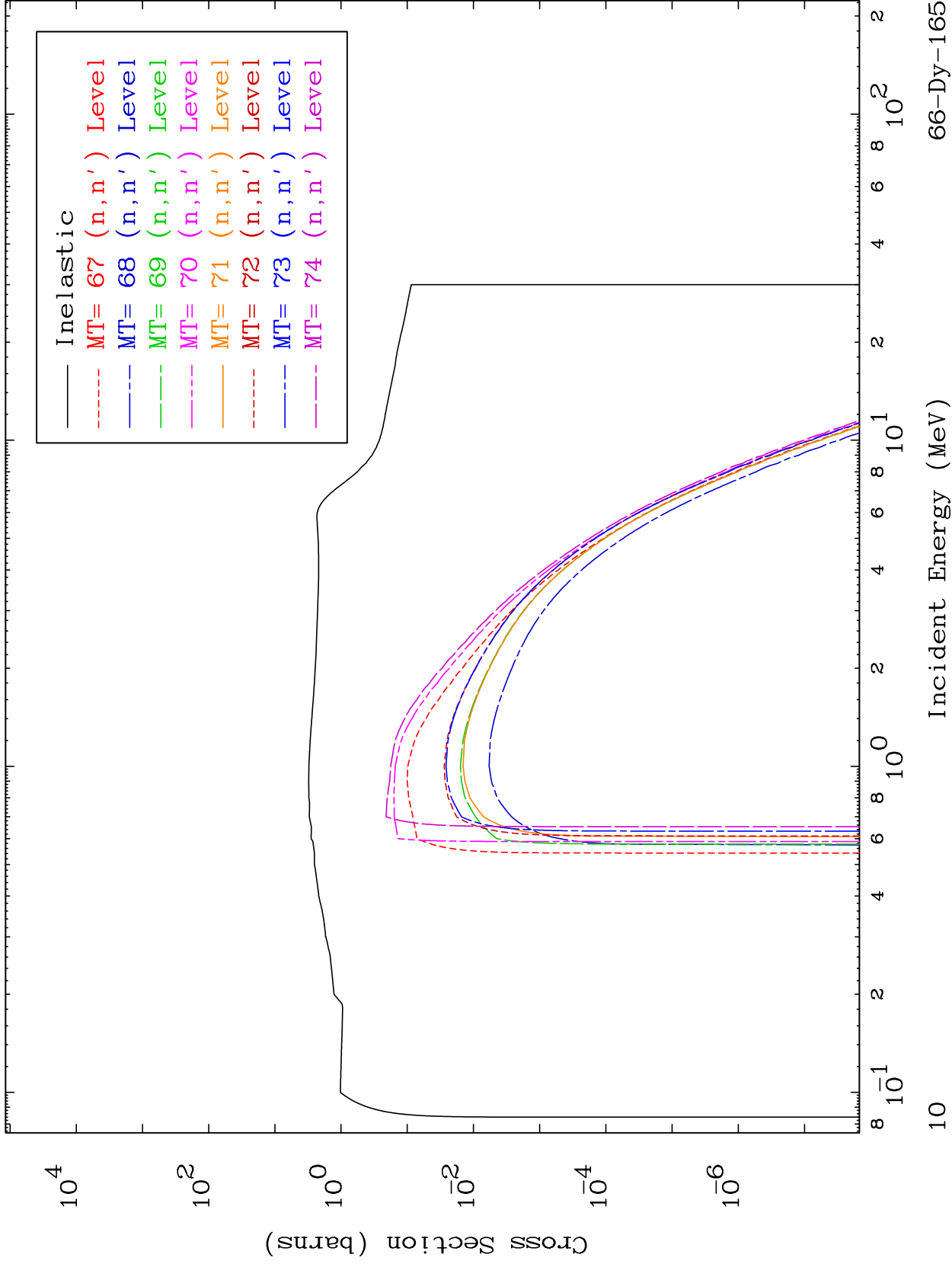
66-Dy-165

MAT 6652

(n,n') Levels

293 Kelvin Cross Sections

66-Dy-165

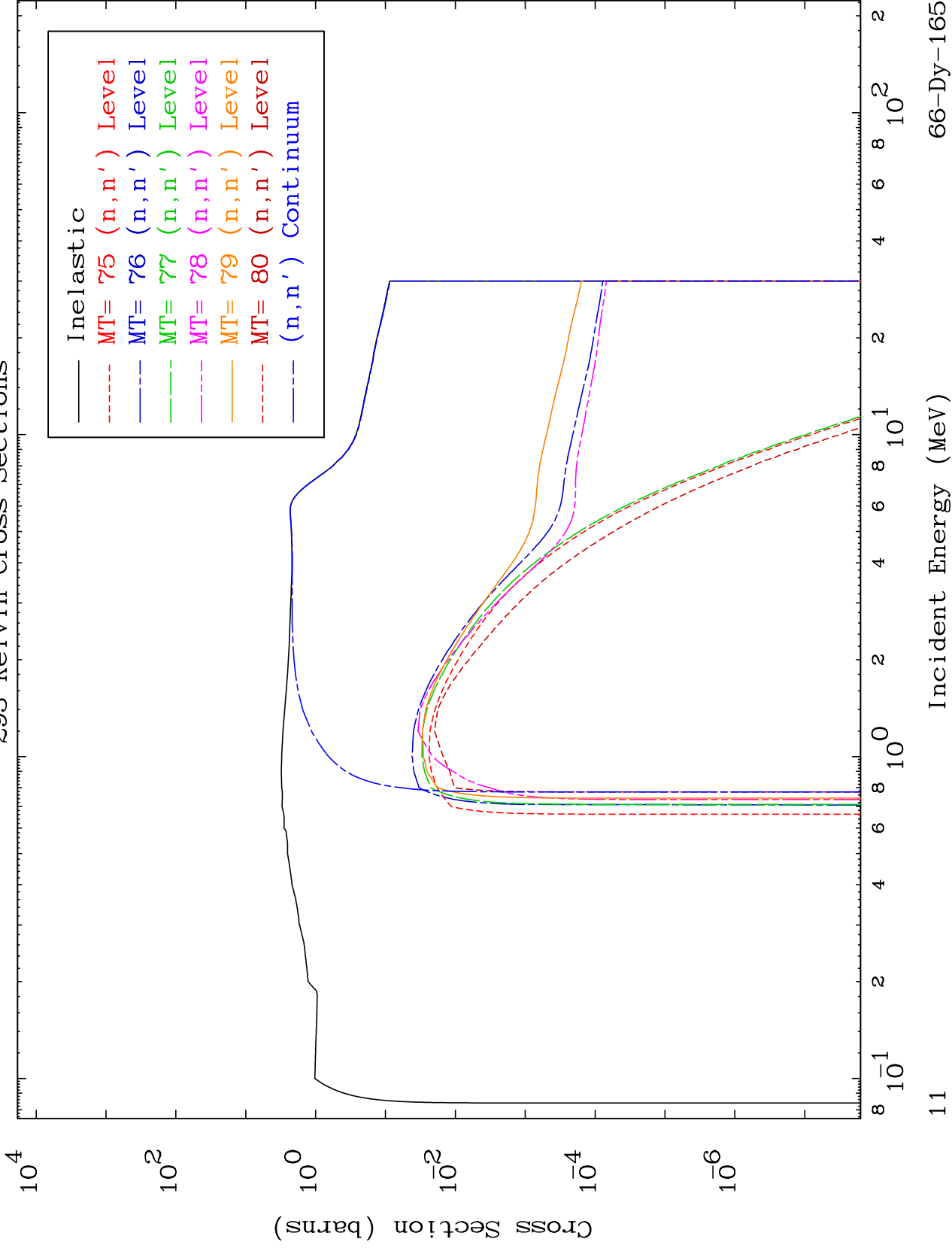


MAT 6652

(n,n') Levels

293 Kelvin Cross Sections

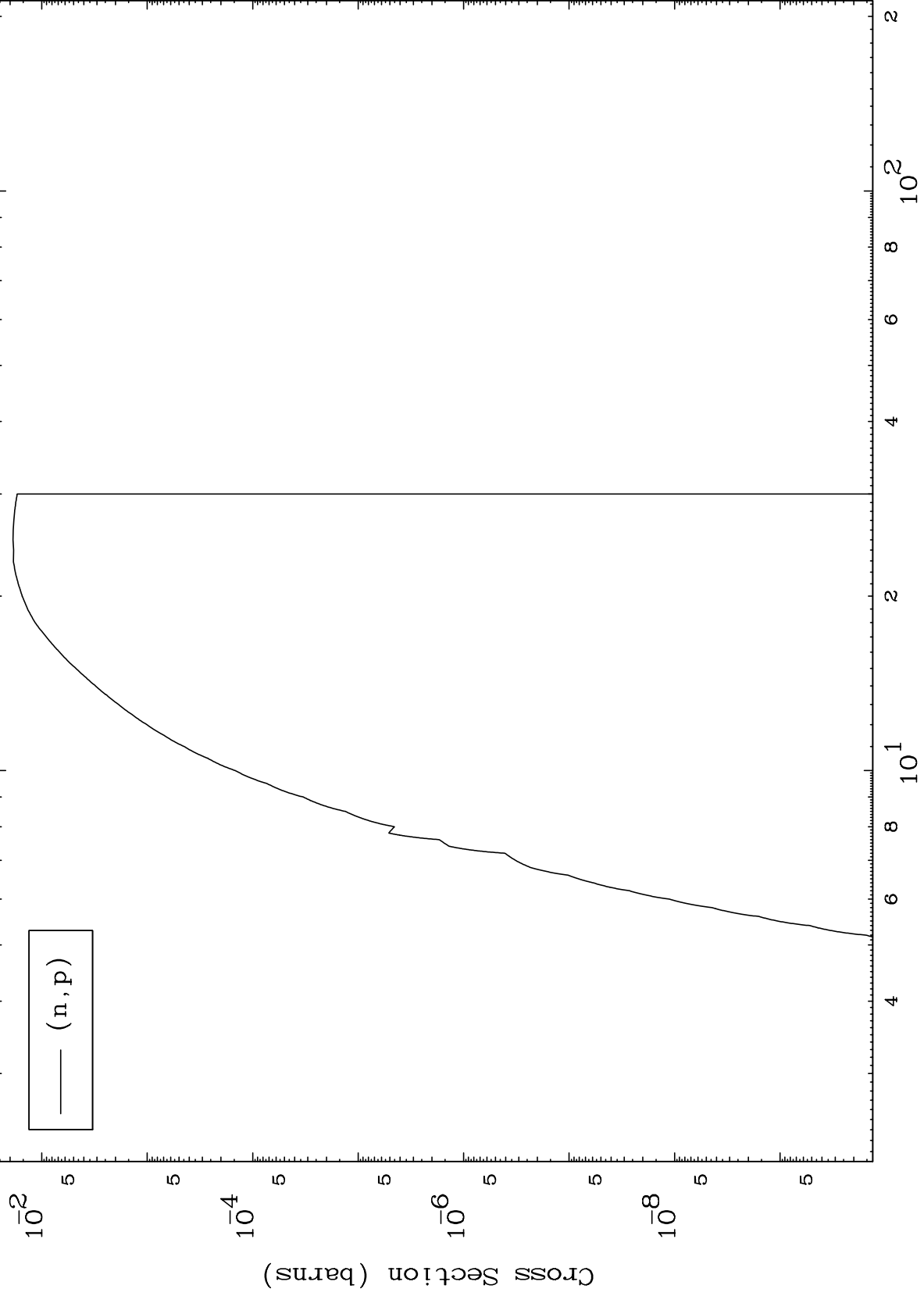
66-Dy-165



MAT 6652

(n,p) Levels  
293 Kelvin Cross Sections

66-Dy-165



12

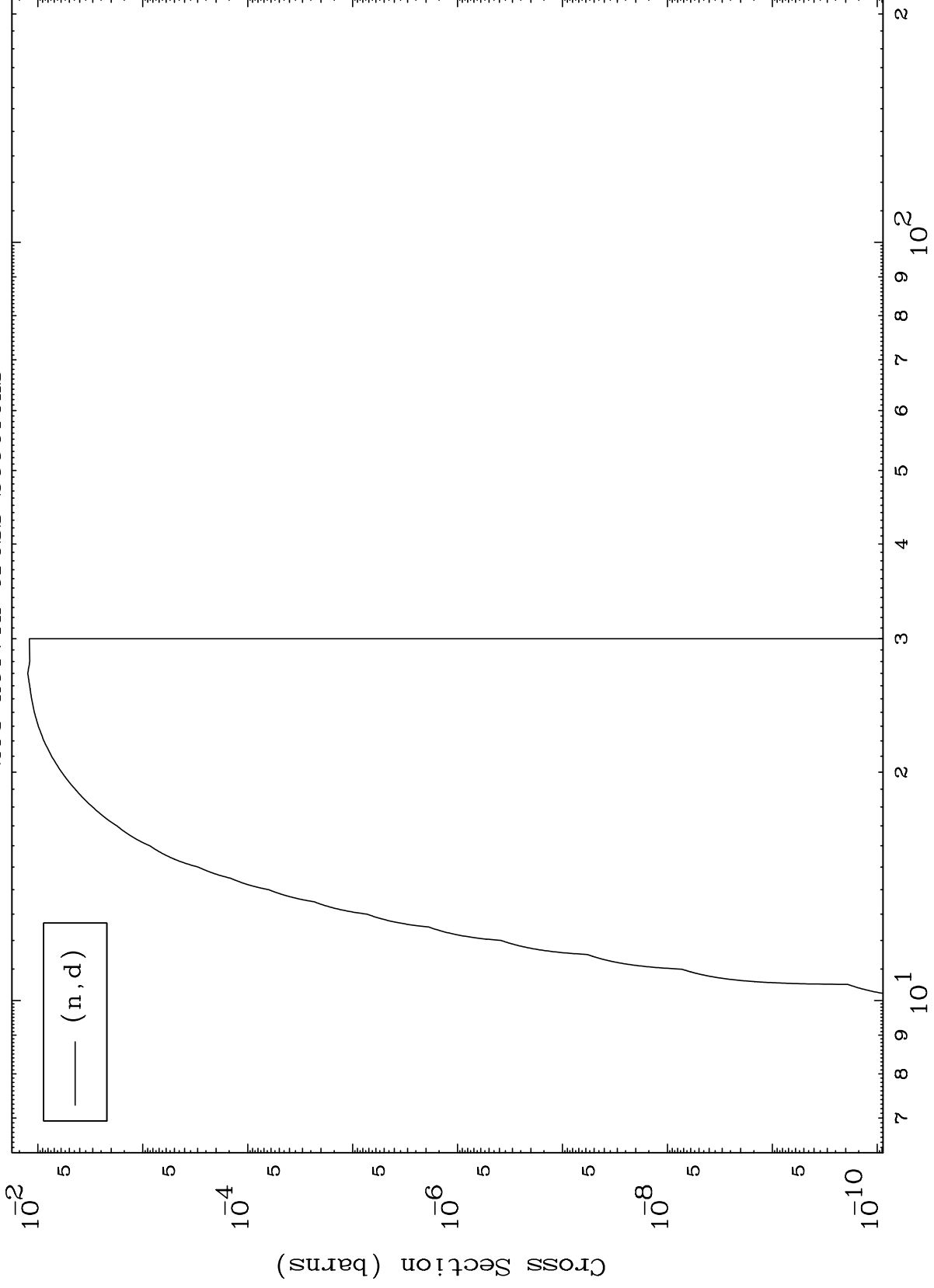
Incident Energy (MeV)

66-Dy-165

MAT 6652

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-165



13

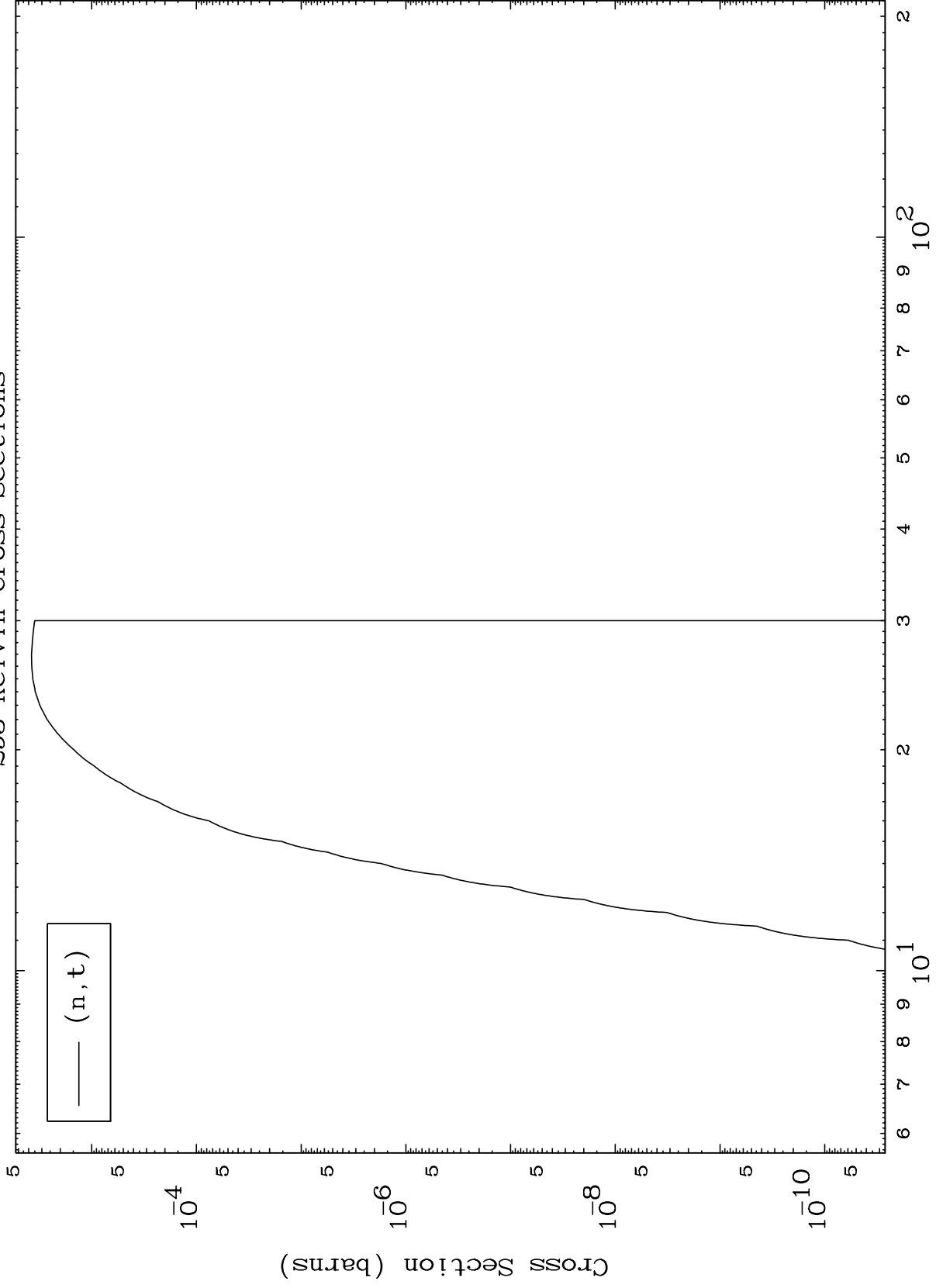
Incident Energy (MeV)

66-Dy-165

MAT 6652

(n, t) Levels  
293 Kelvin Cross Sections

66-Dy-165



14

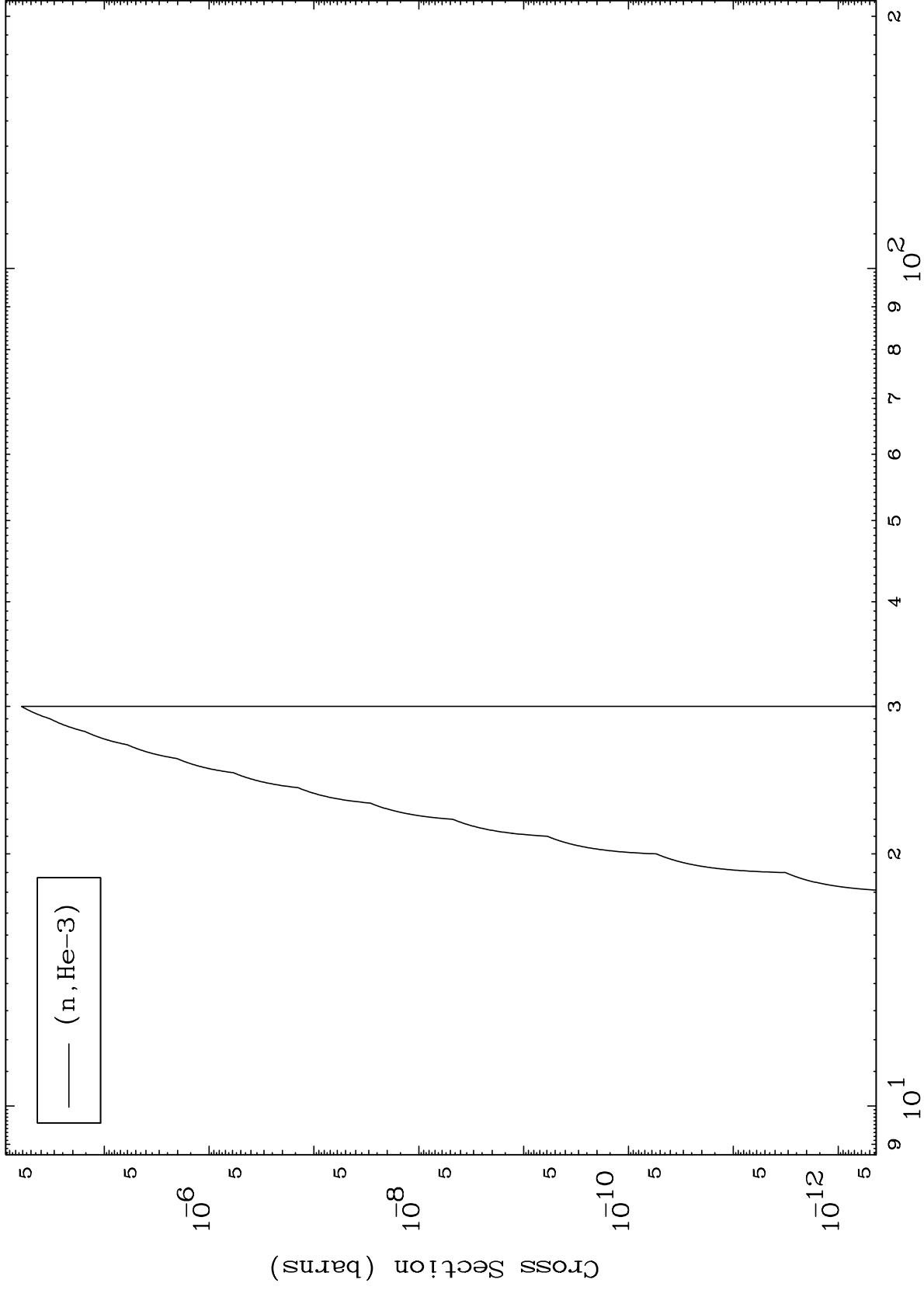
Incident Energy (MeV)

66-Dy-165

MAT 6652

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-165



15

Incident Energy (MeV)

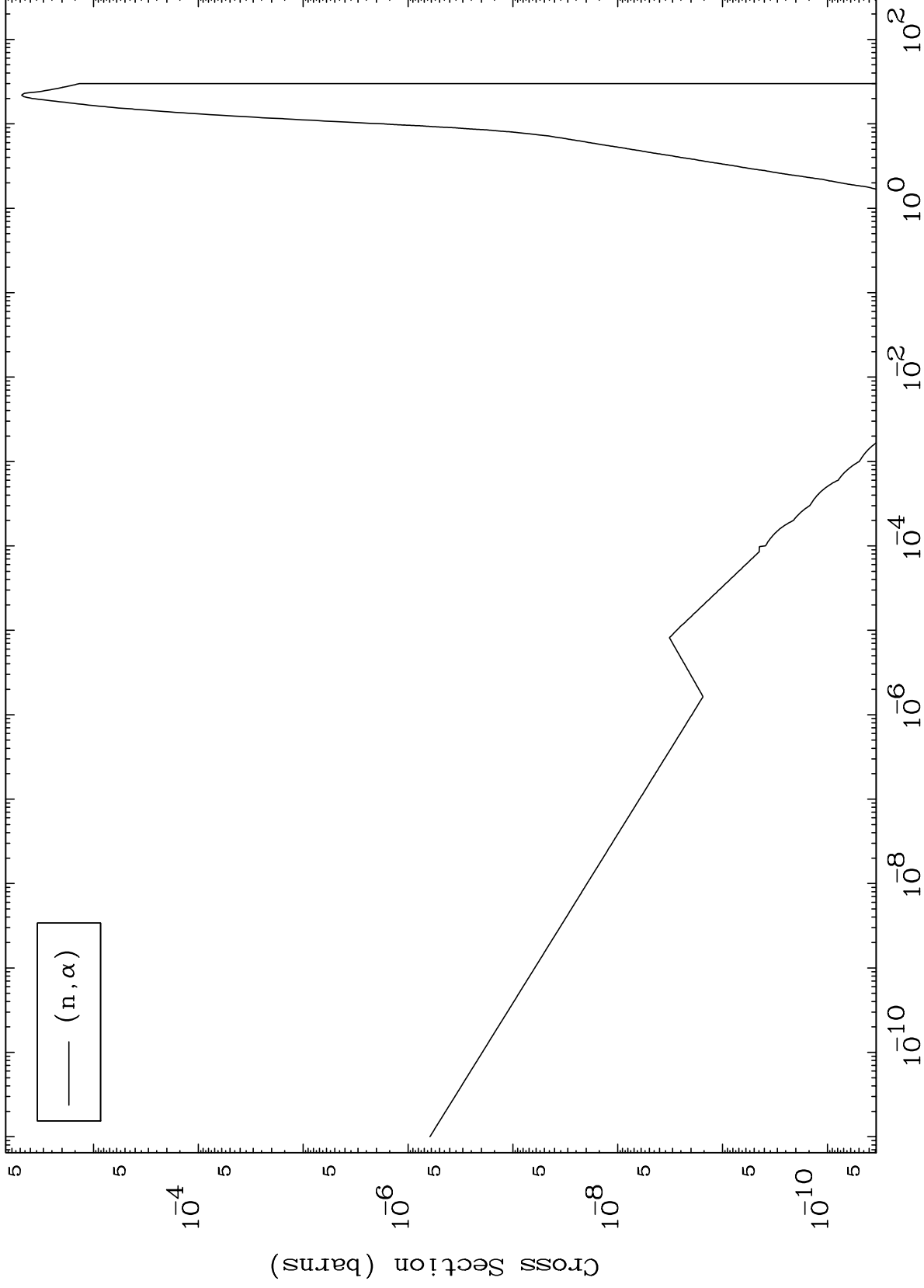
66-Dy-165



MAT 6652

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

66-Dy-165



16

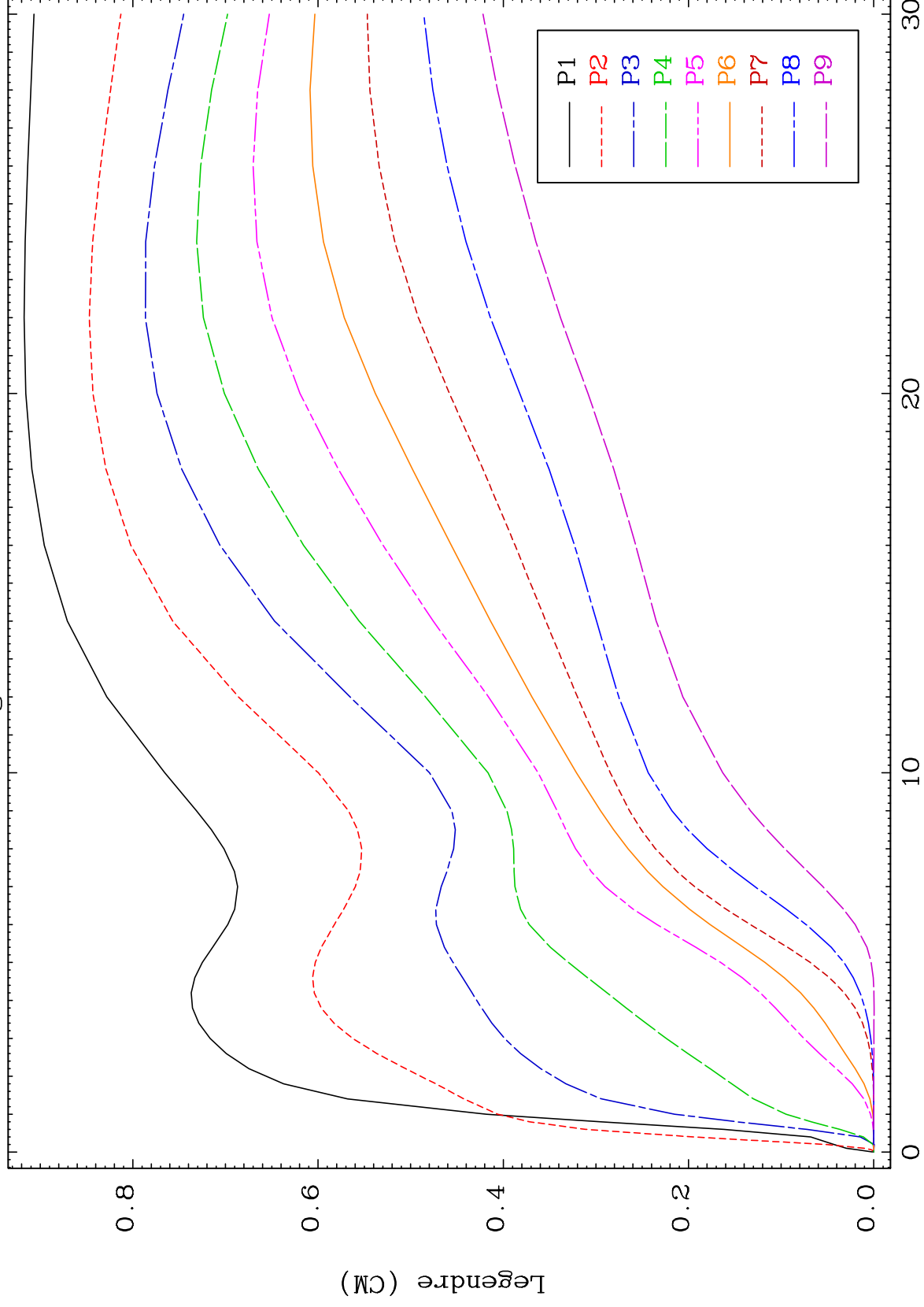
Incident Energy (MeV)

66-Dy-165

MAT 6652

Elastic Legendre Coefficients

66-Dy-165



17

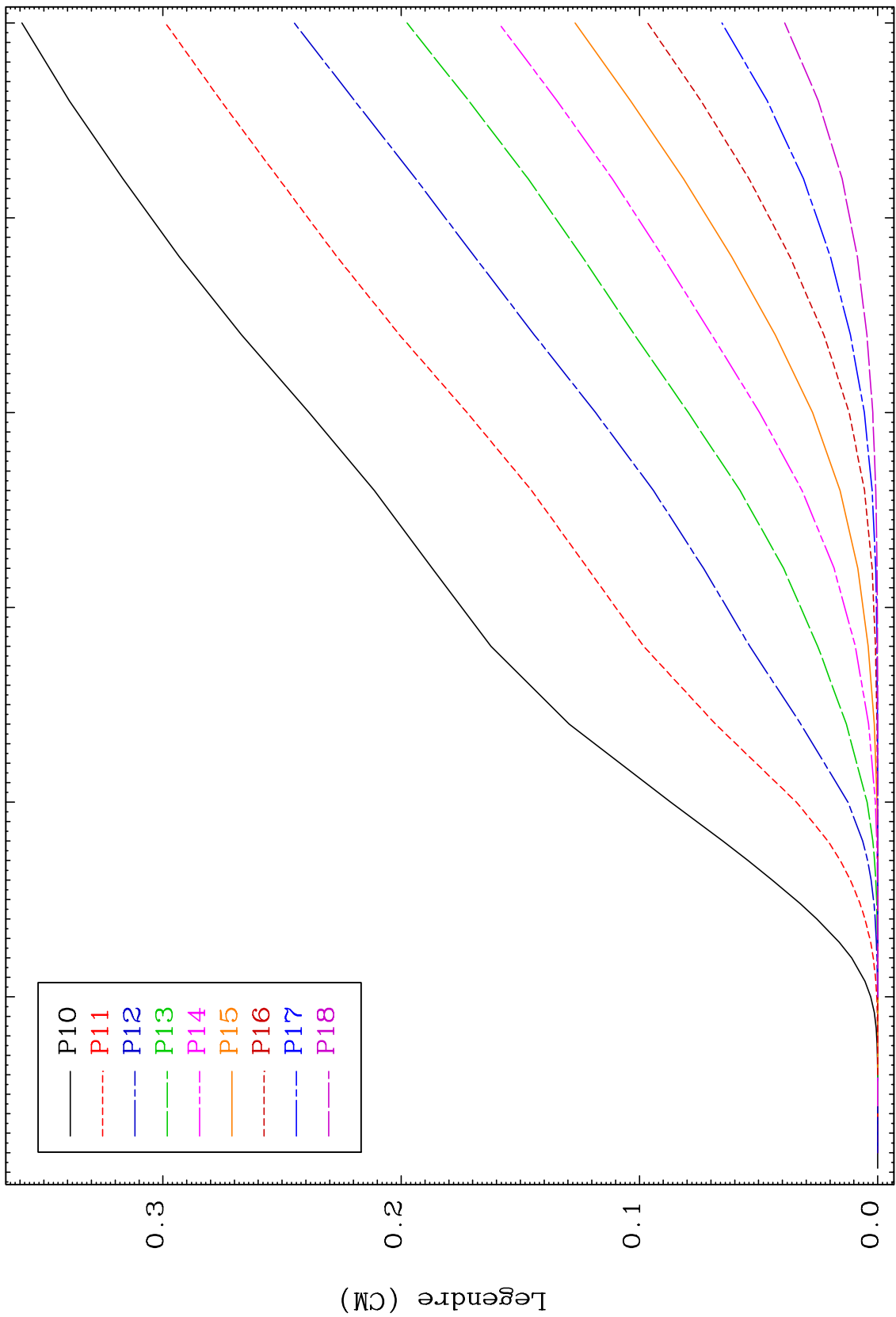
Incident Energy (MeV)

66-Dy-165

MAT 6652

Elastic Legendre Coefficients

66-Dy-165



18

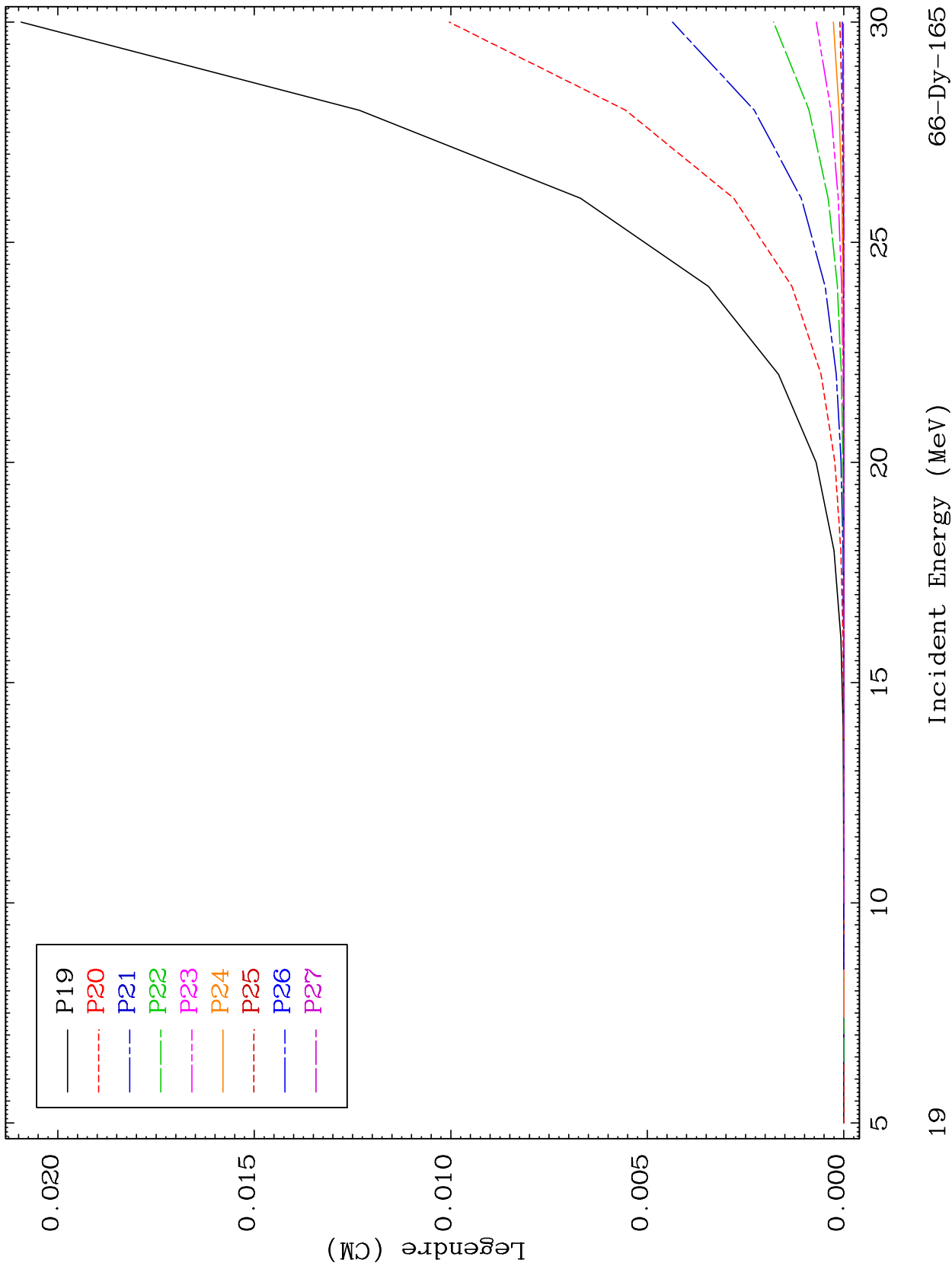
Incident Energy (MeV)

66-Dy-165

MAT 6652

### Elastic Legendre Coefficients

66-Dy-165



19

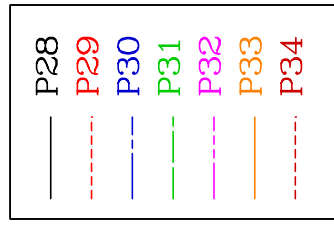
Incident Energy (MeV)

66-Dy-165

MAT 6652

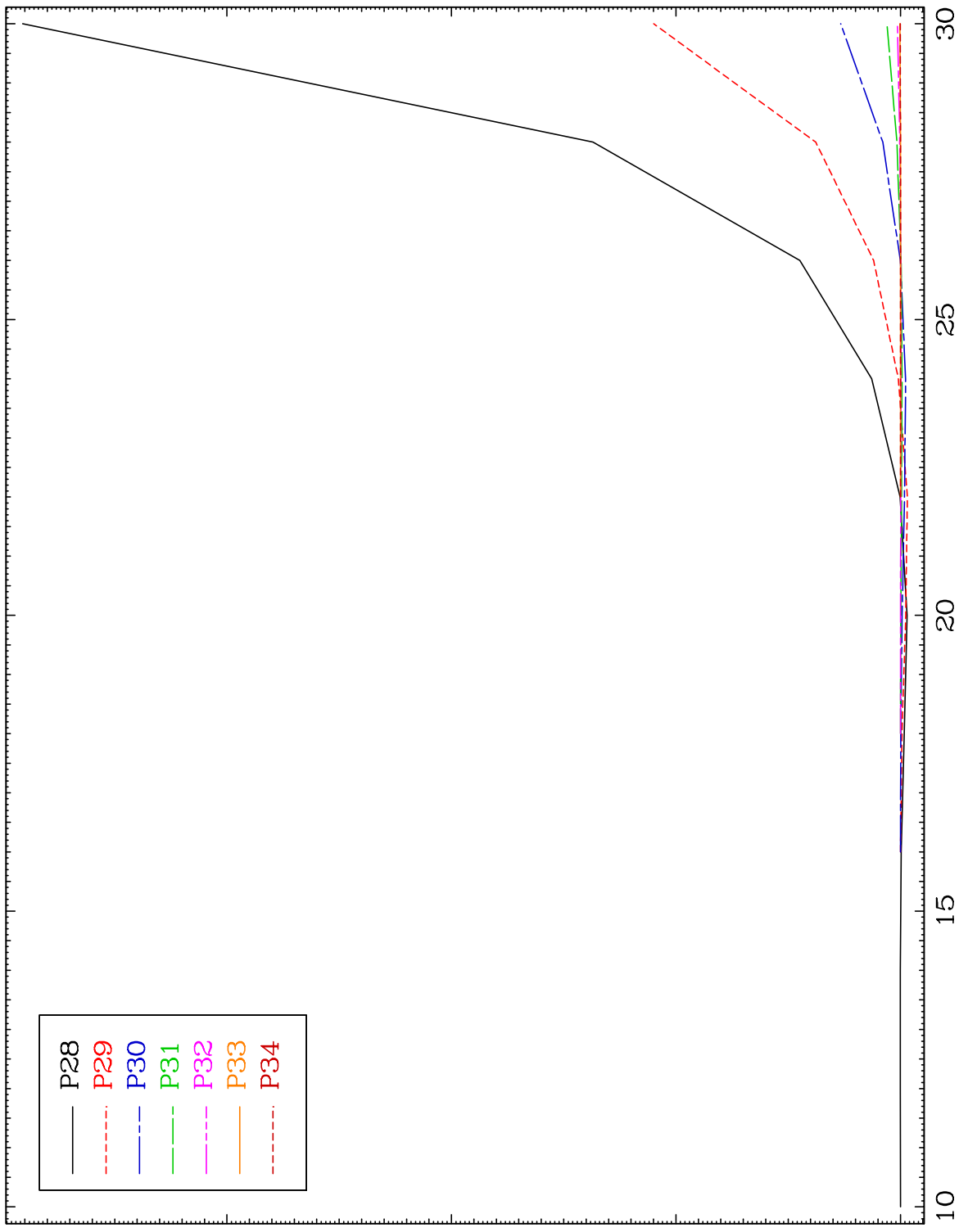
Elastic  
Legendre Coefficients

66-Dy-165



$\times 10^{-6}$

Legendre (CM)



20

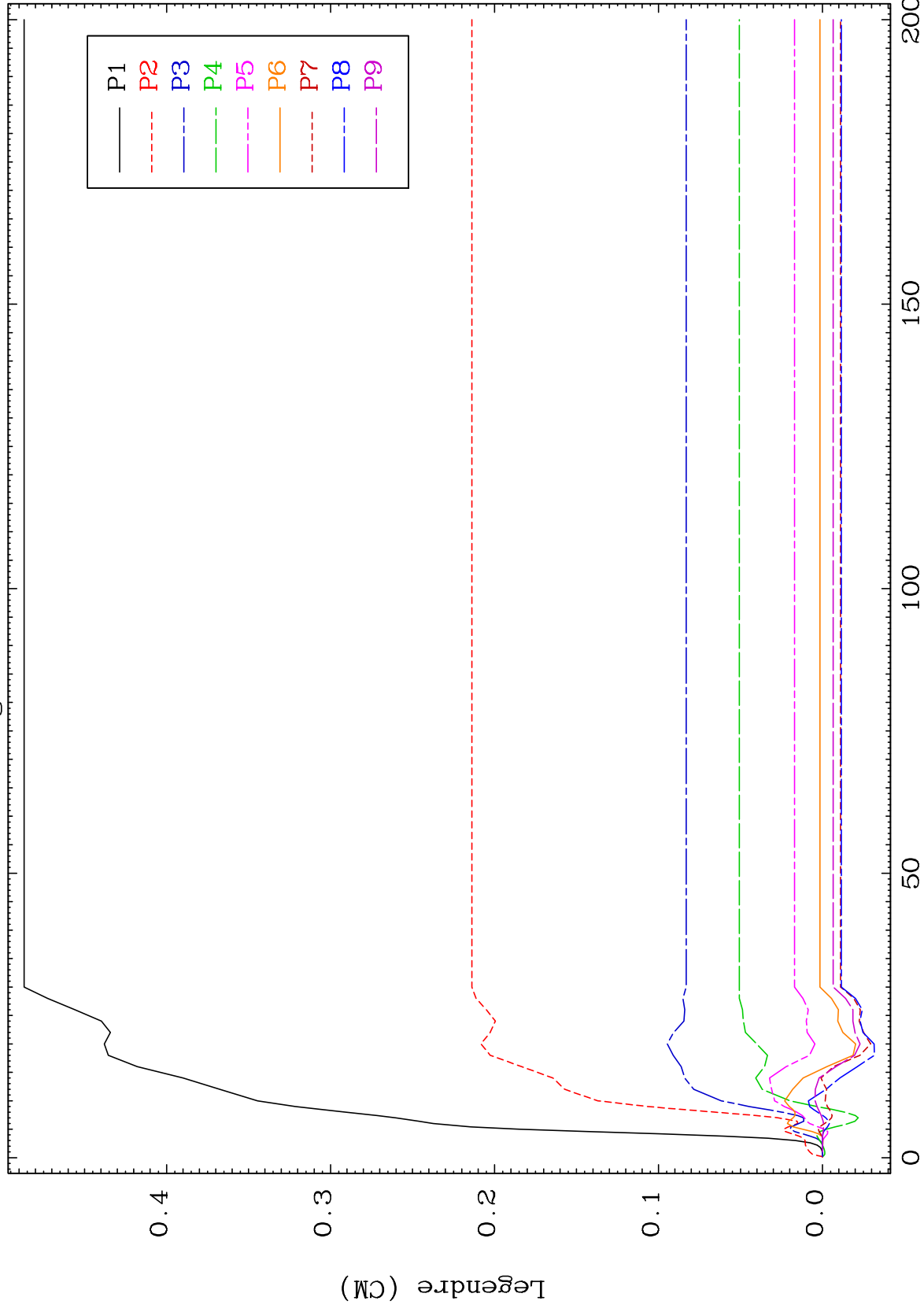
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



21

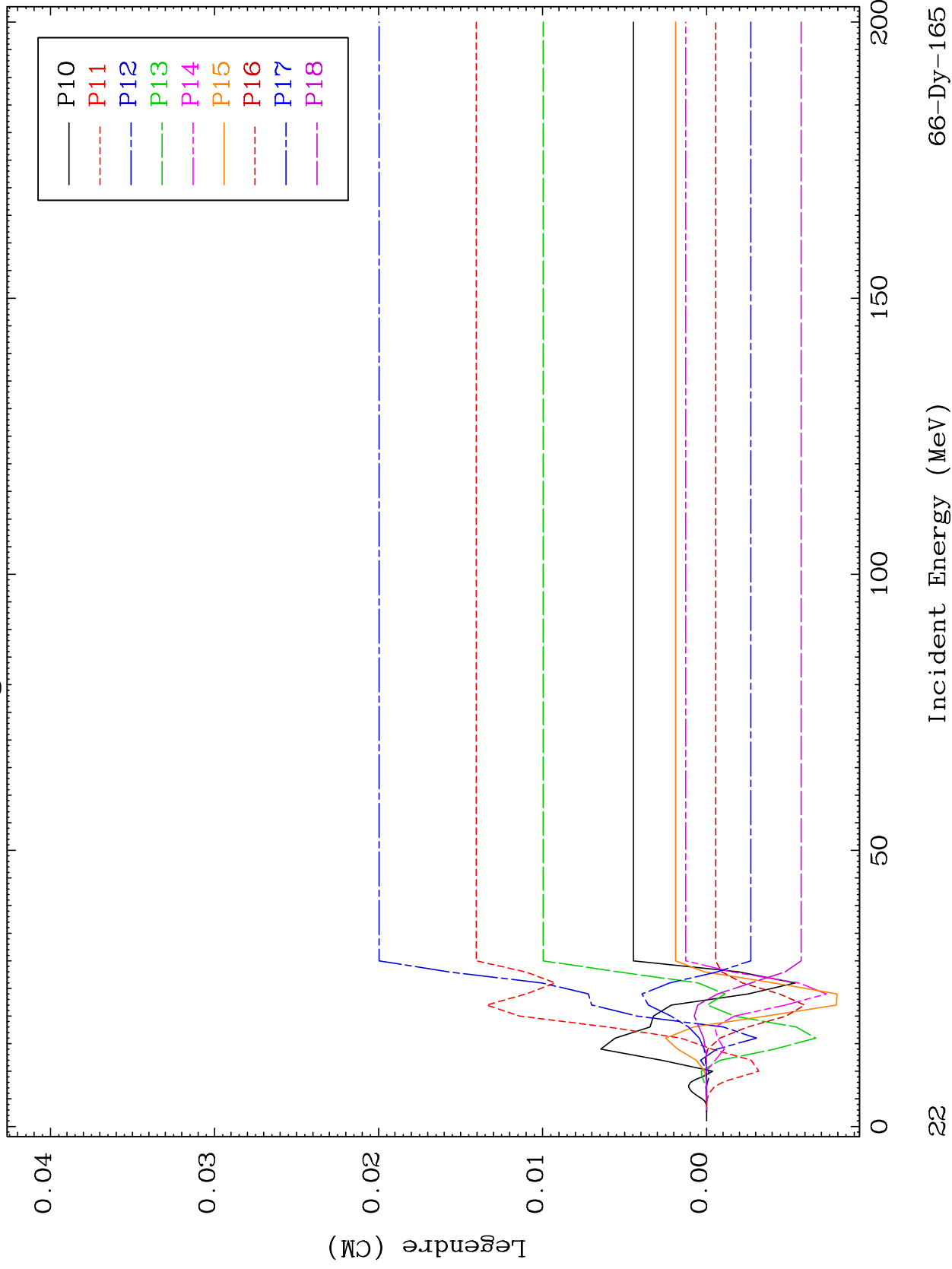
Incident Energy (MeV)

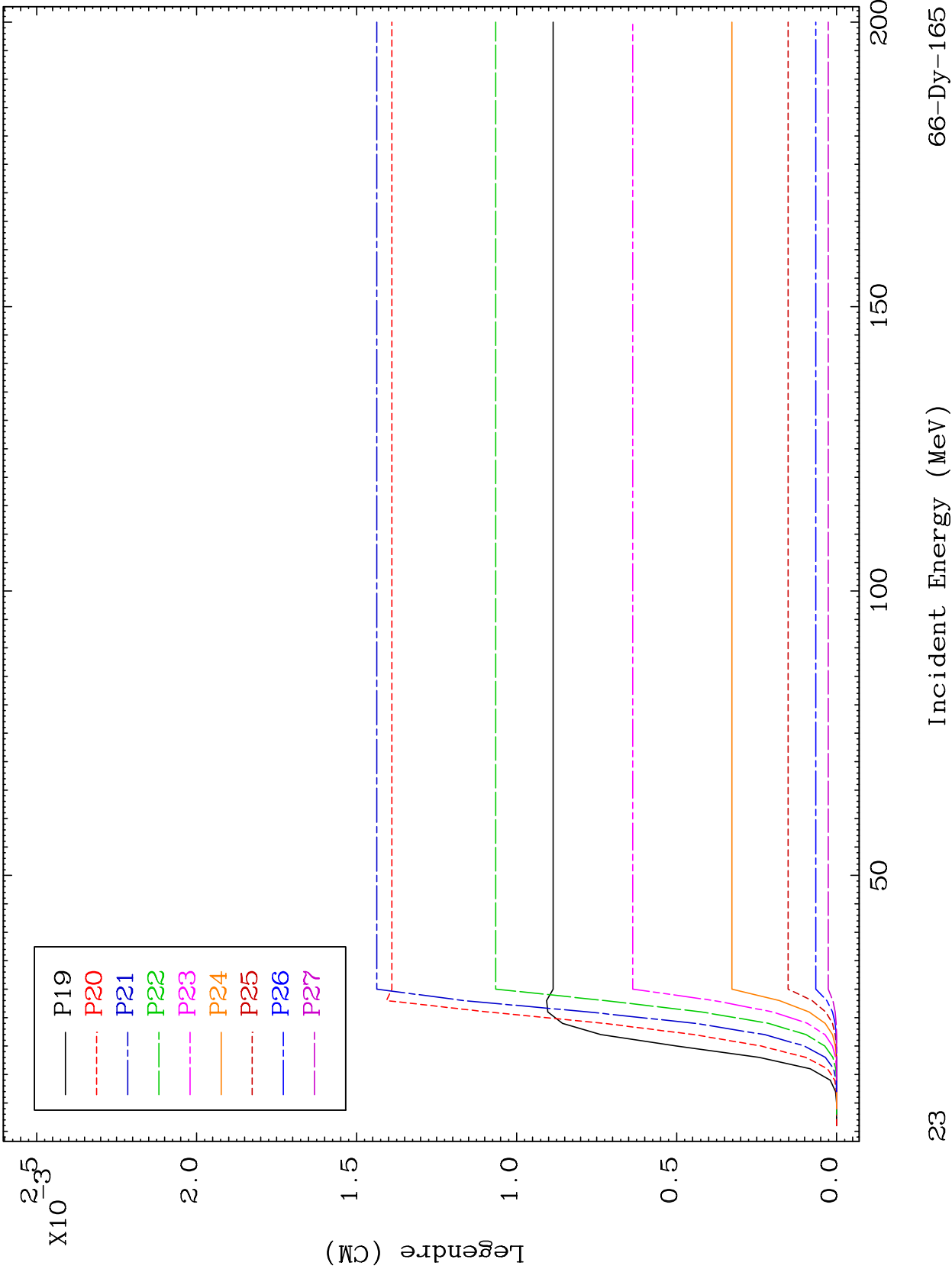
66-Dy-165

MAT 6652

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

66-Dy-165



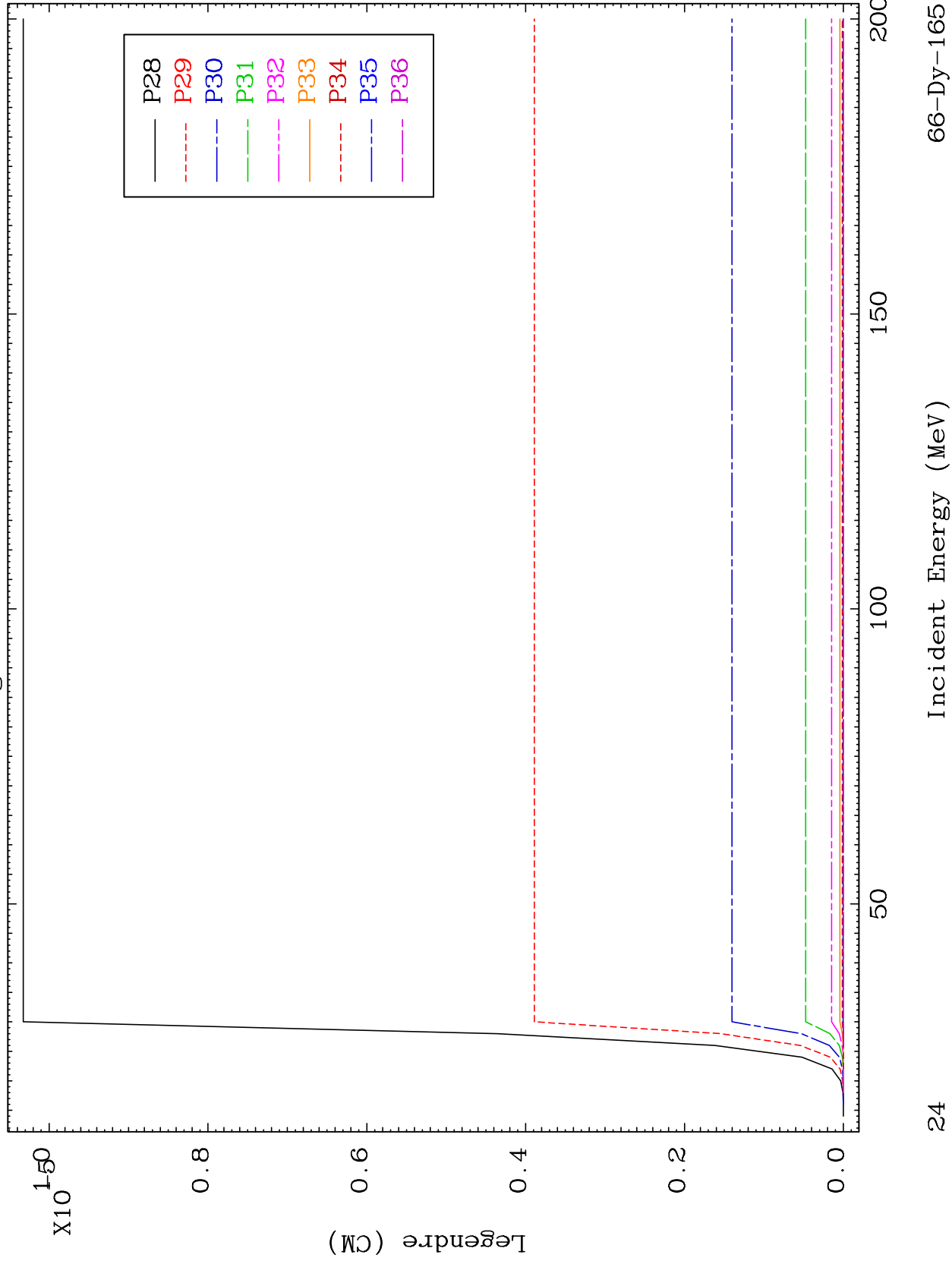




MAT 6652

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

66-Dy-165



24

Incident Energy (MeV)

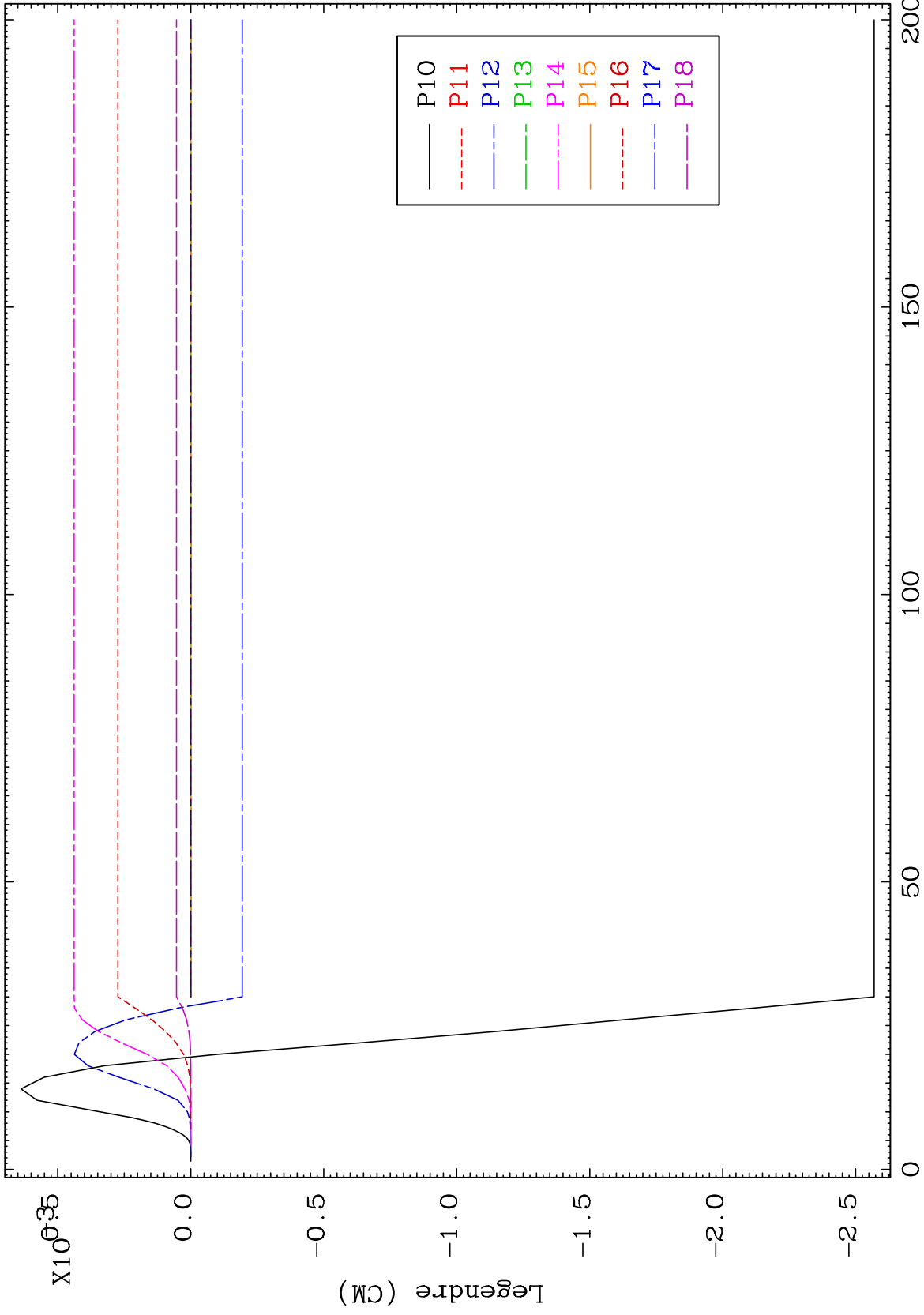
66-Dy-165



MAT 6652

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

66-Dy-165



26

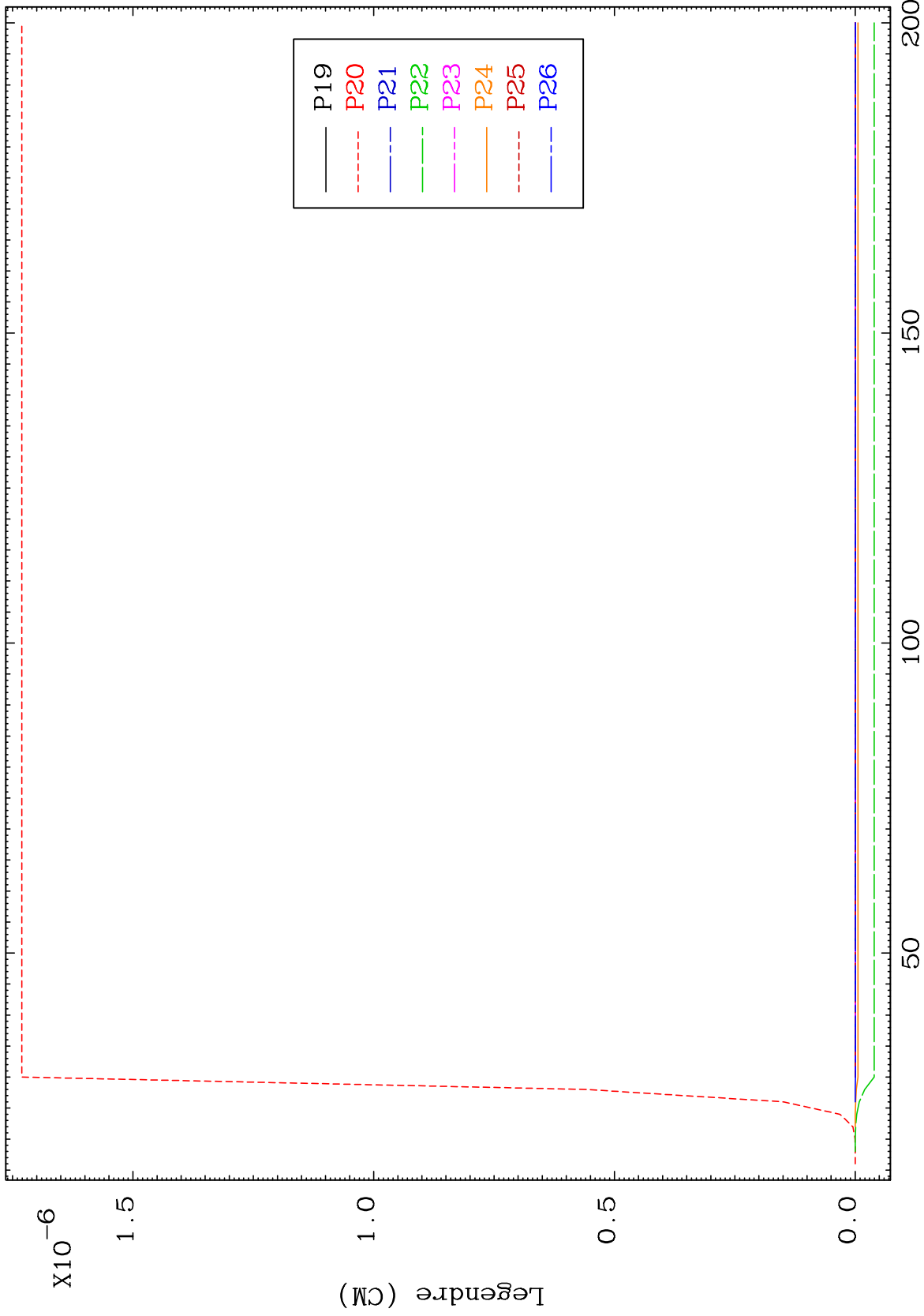
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



27

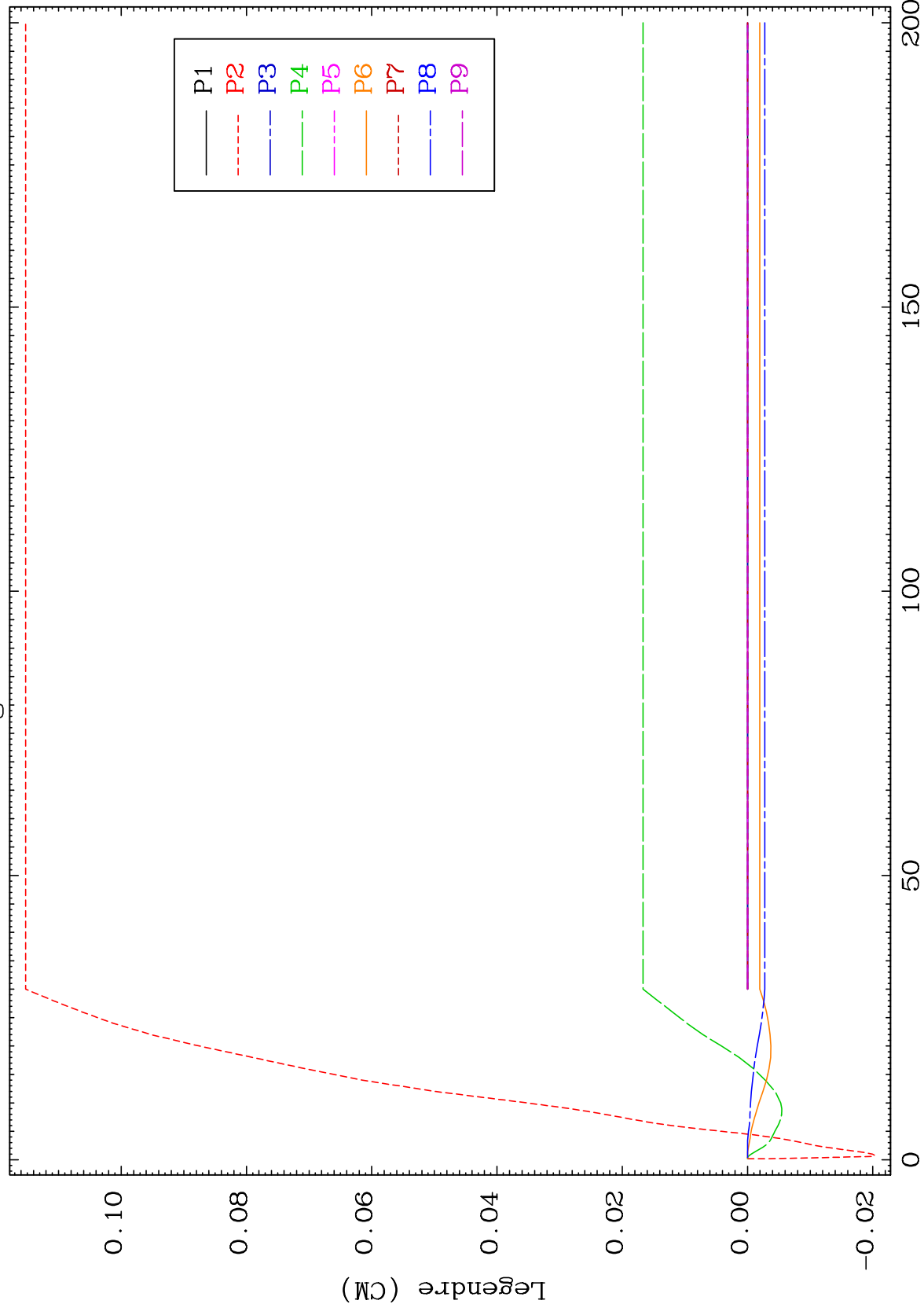
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



66-Dy-165

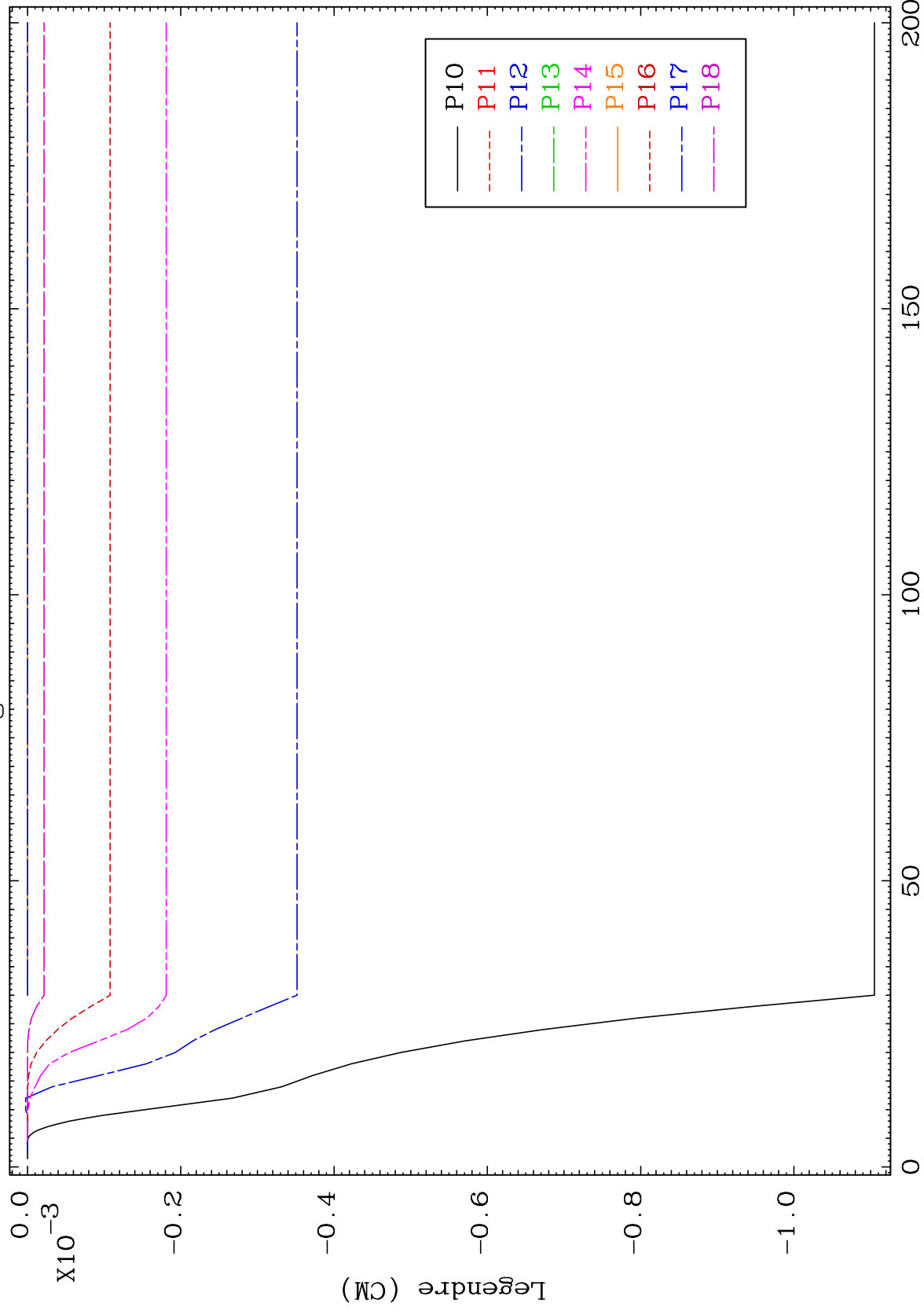
Incident Energy (MeV)

28

MAT 6652

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

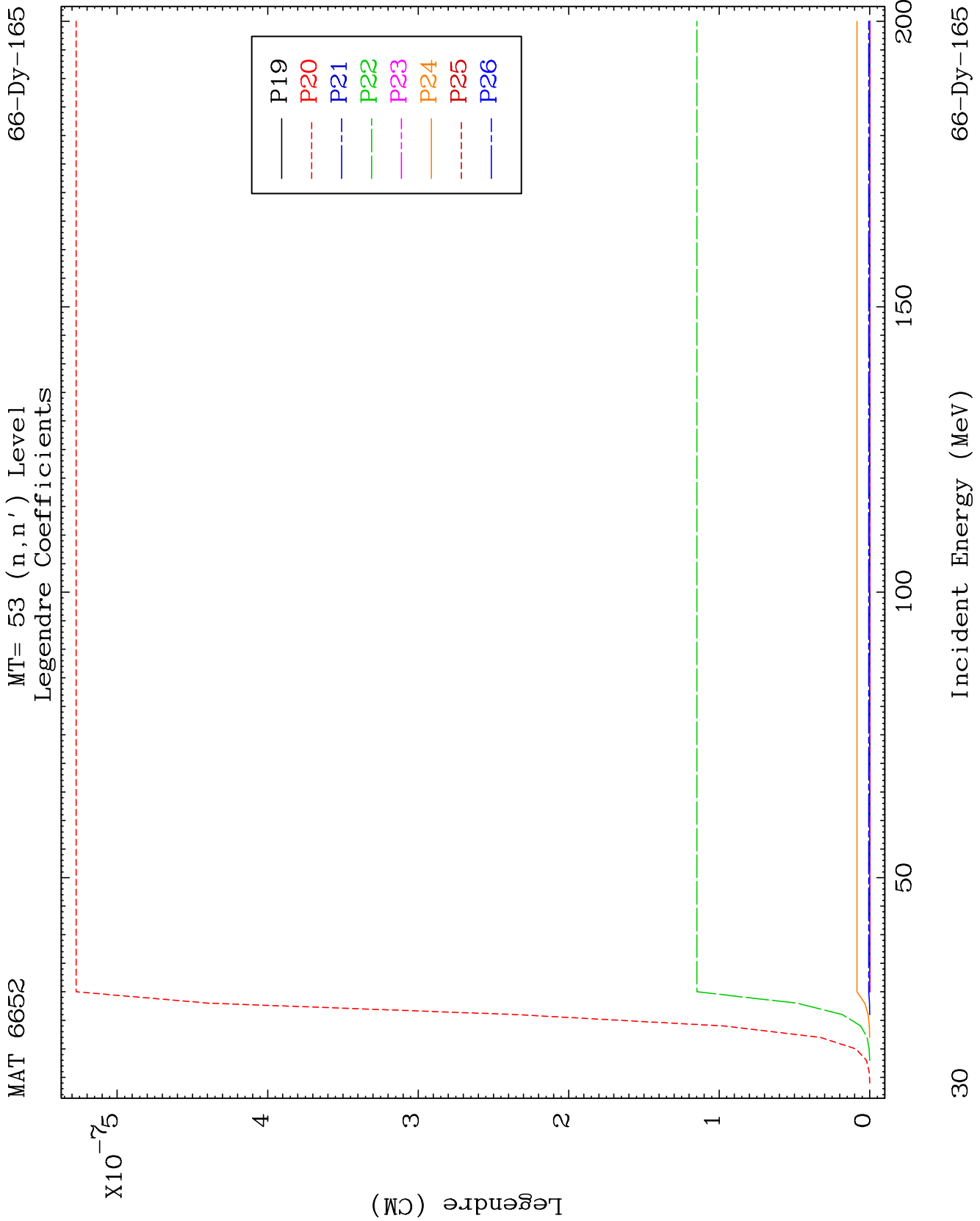
66-Dy-165



29

Incident Energy (MeV)

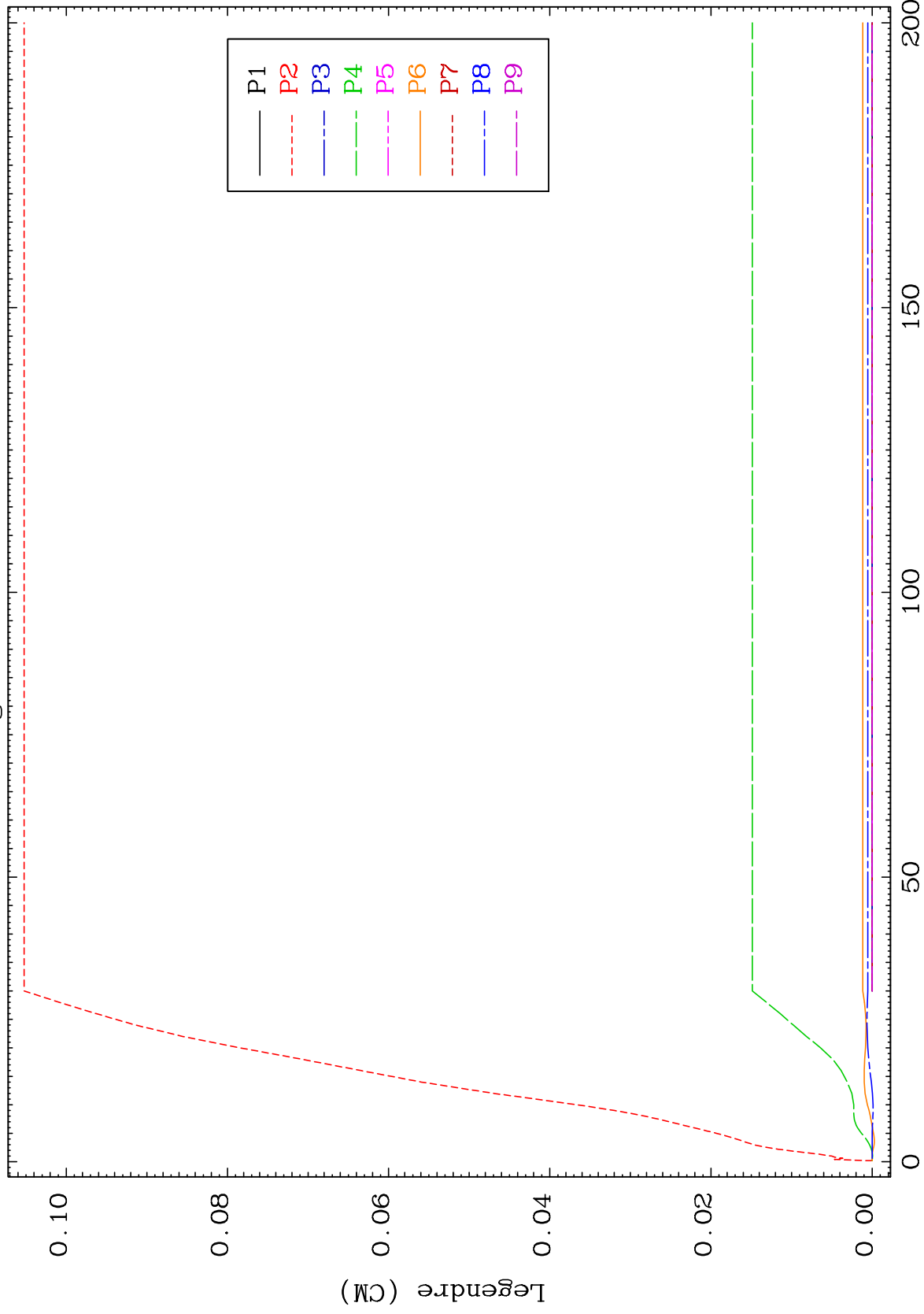
66-Dy-165



MAT 6652

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

66-Dy-165



31

Incident Energy (MeV)

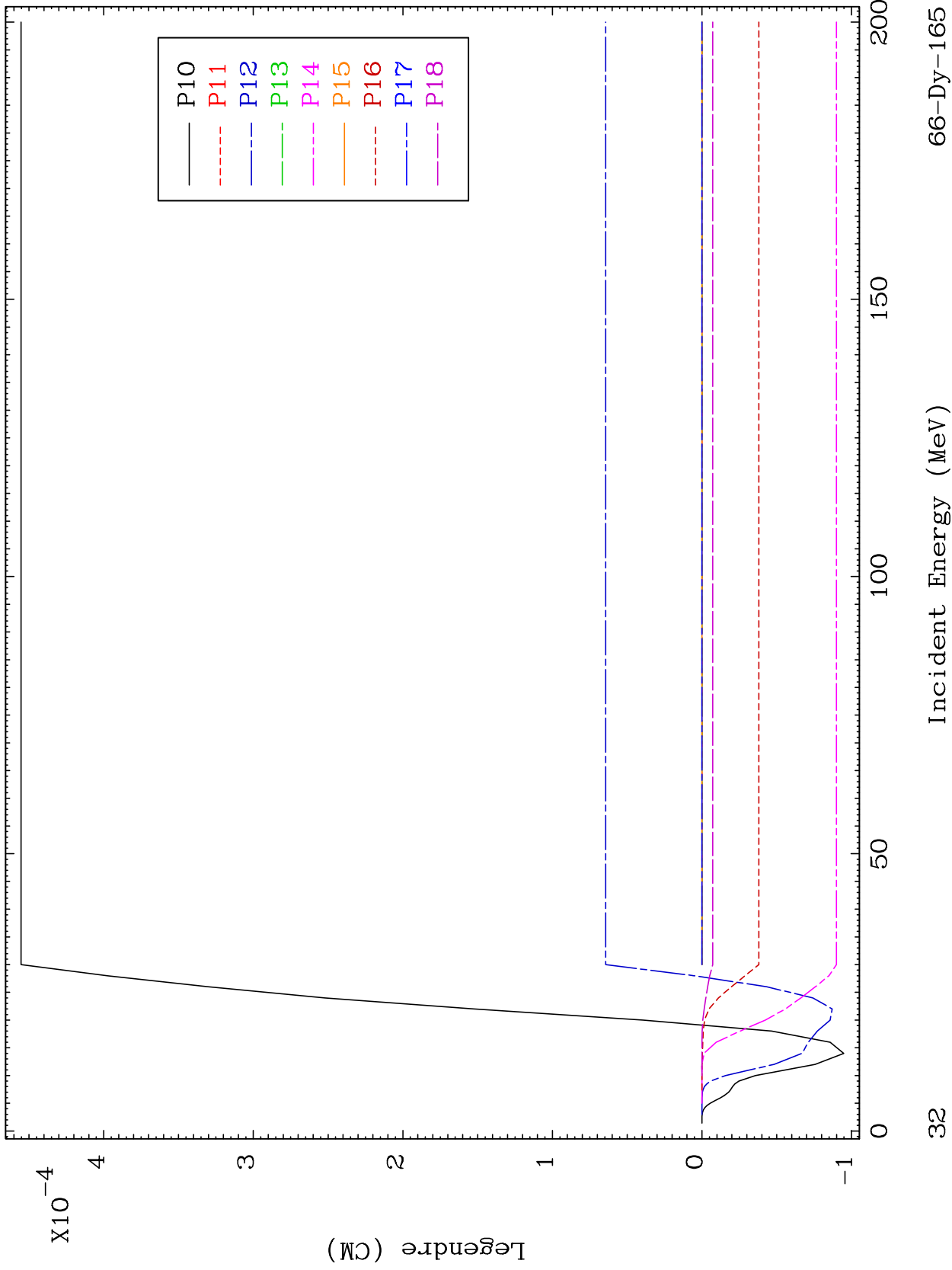
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MAT 6652

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

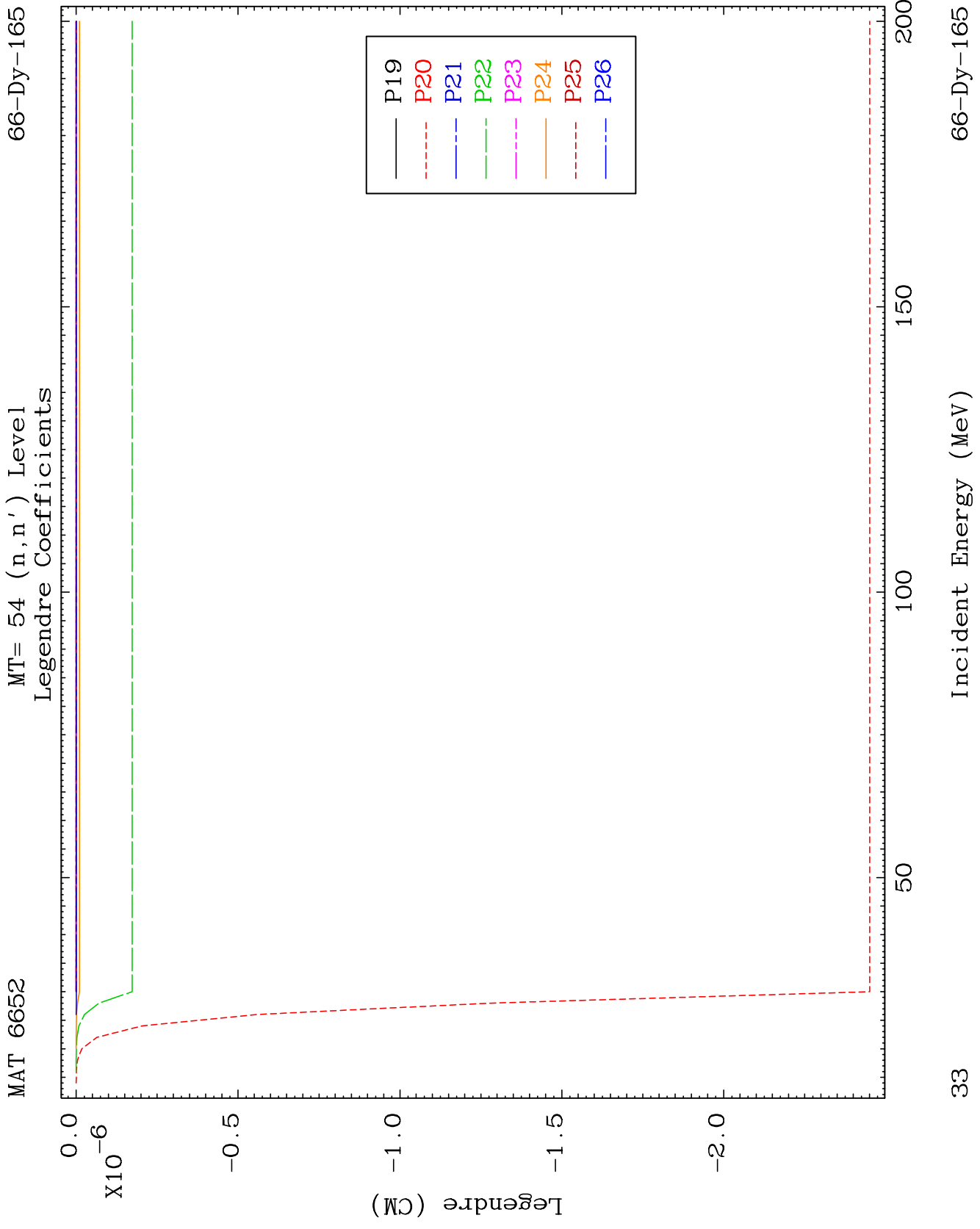
66-Dy-165



66-Dy-165

Incident Energy (MeV)

32

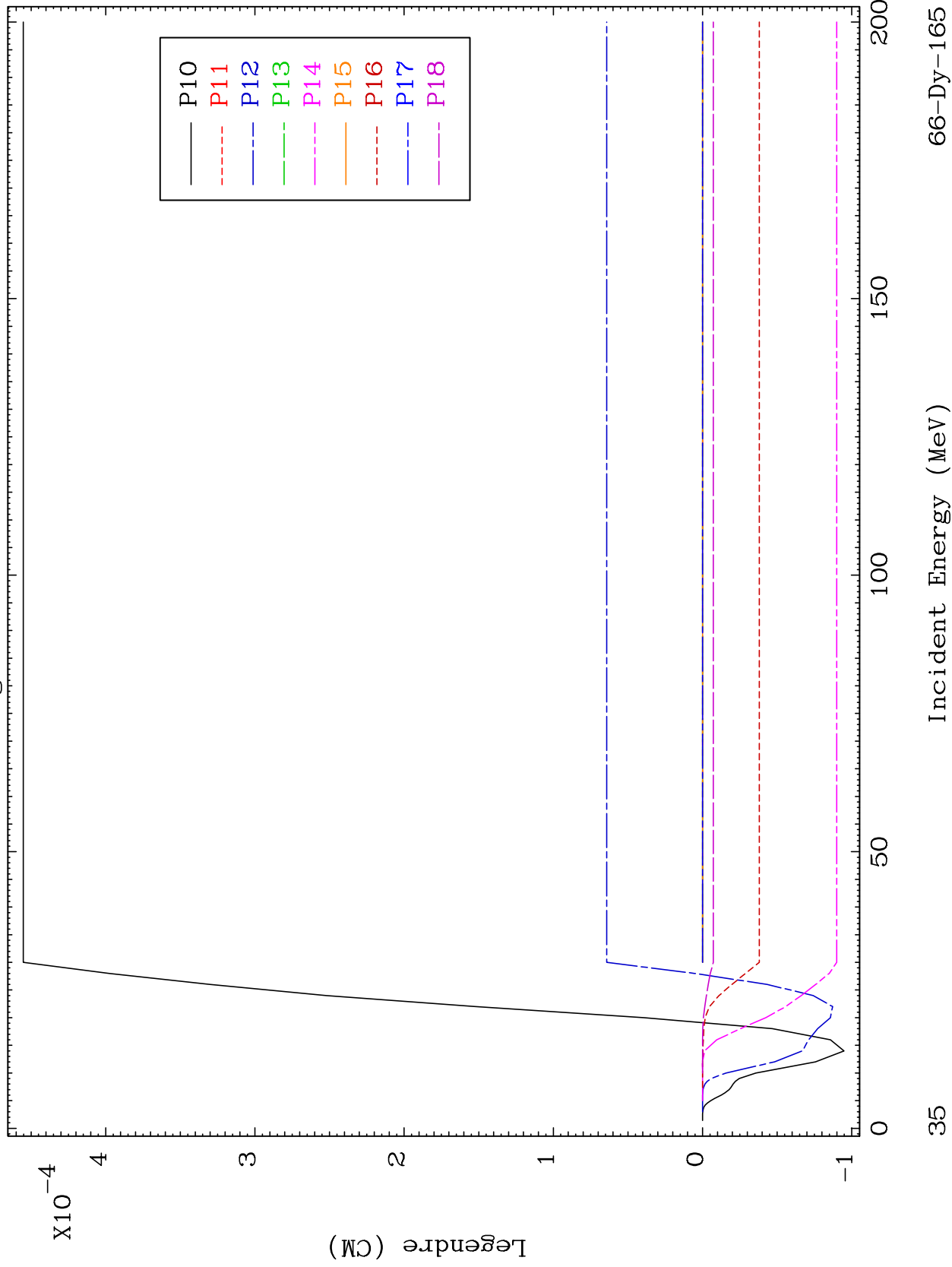


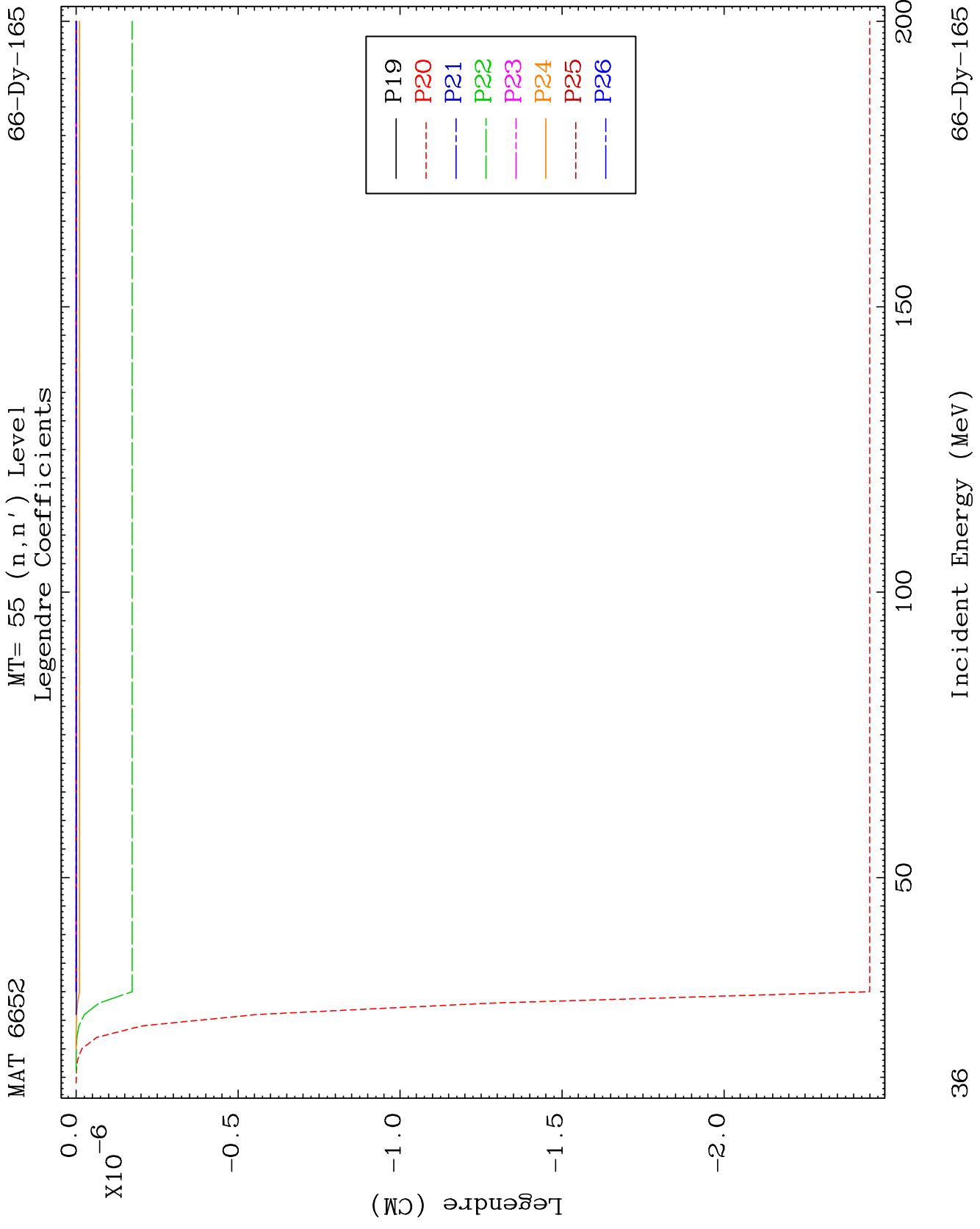


MAT 6652

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

66-Dy-165

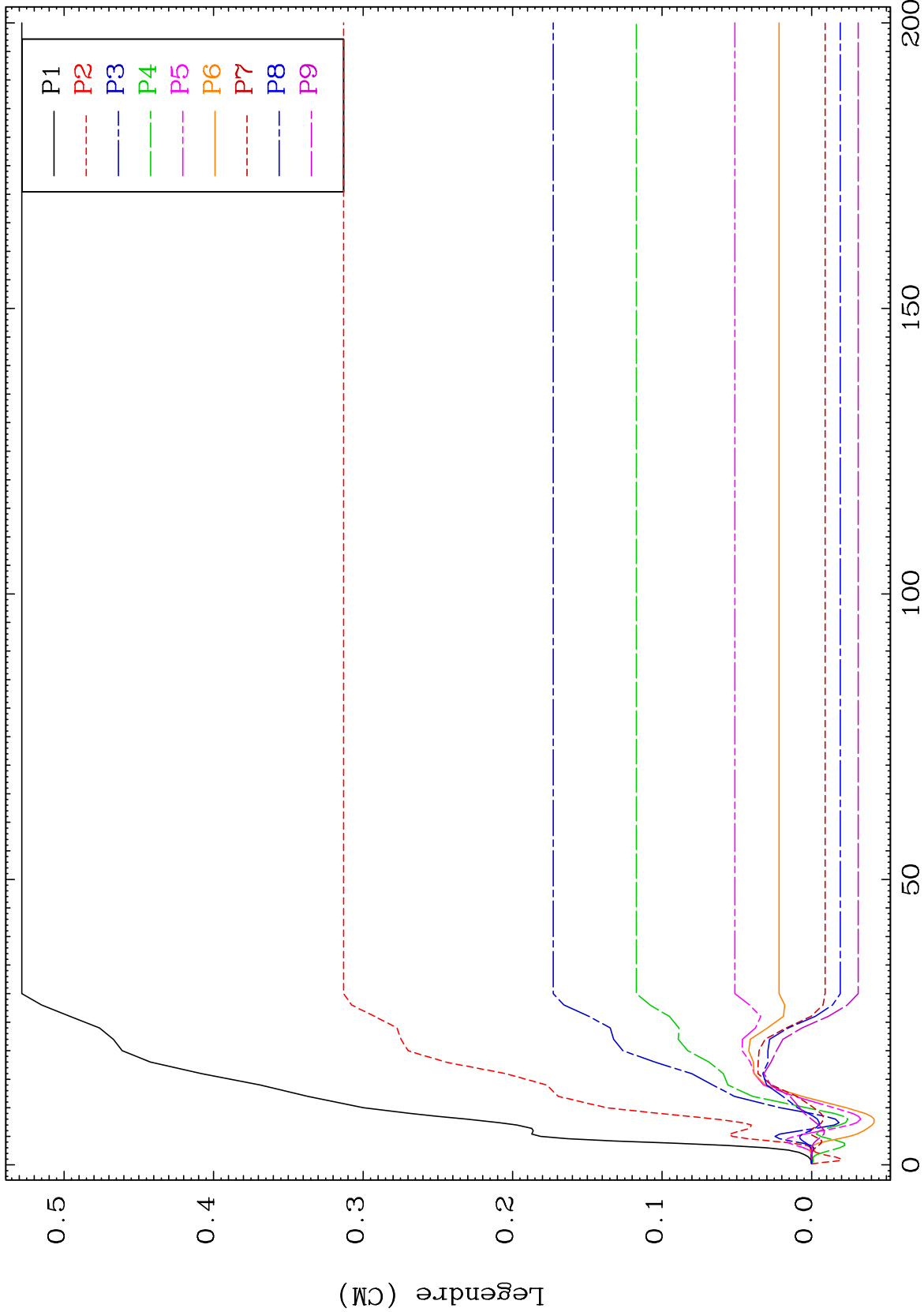




MAT 6652

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

66-Dy-165



37

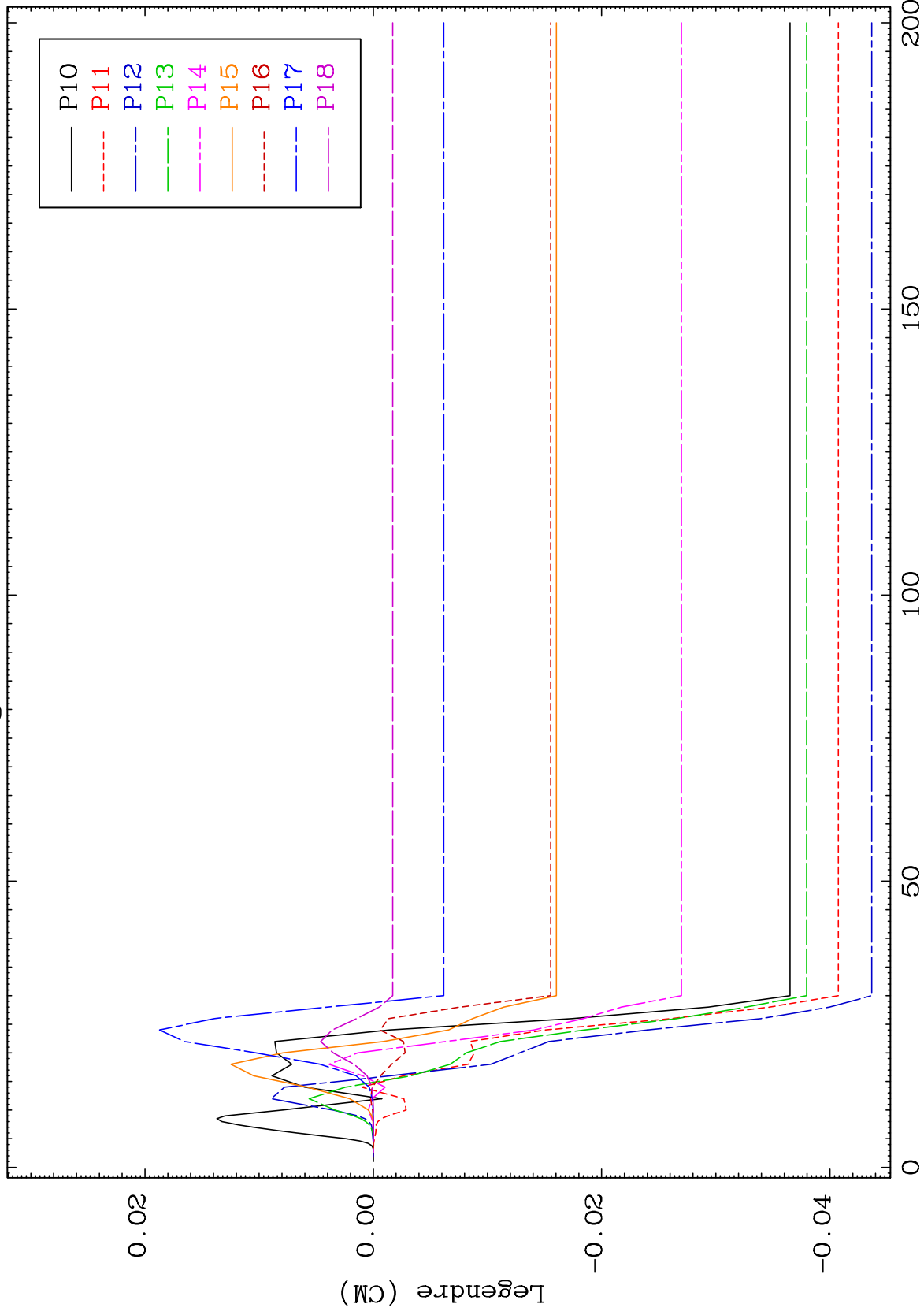
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



38

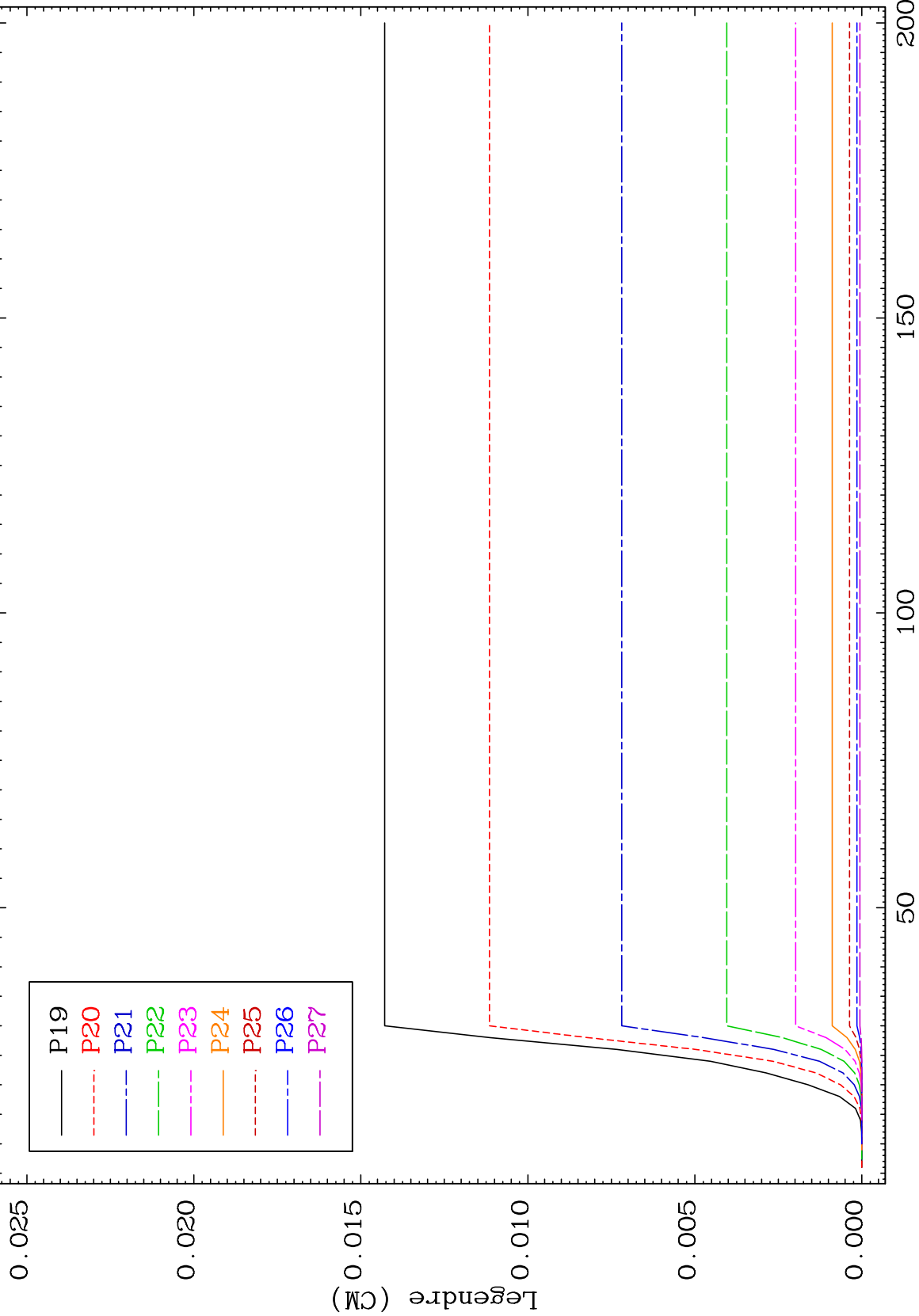
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



39

Incident Energy (MeV)

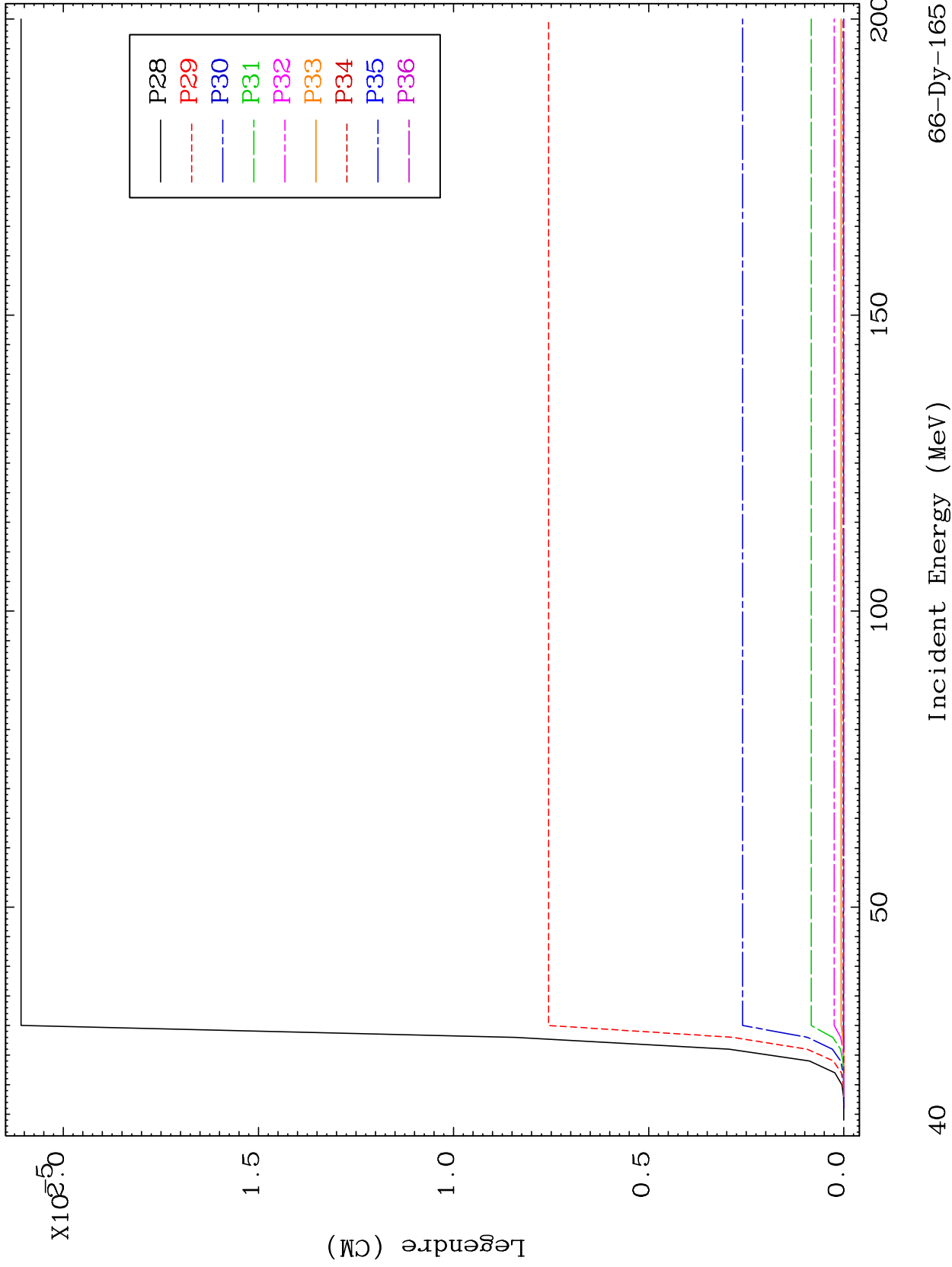
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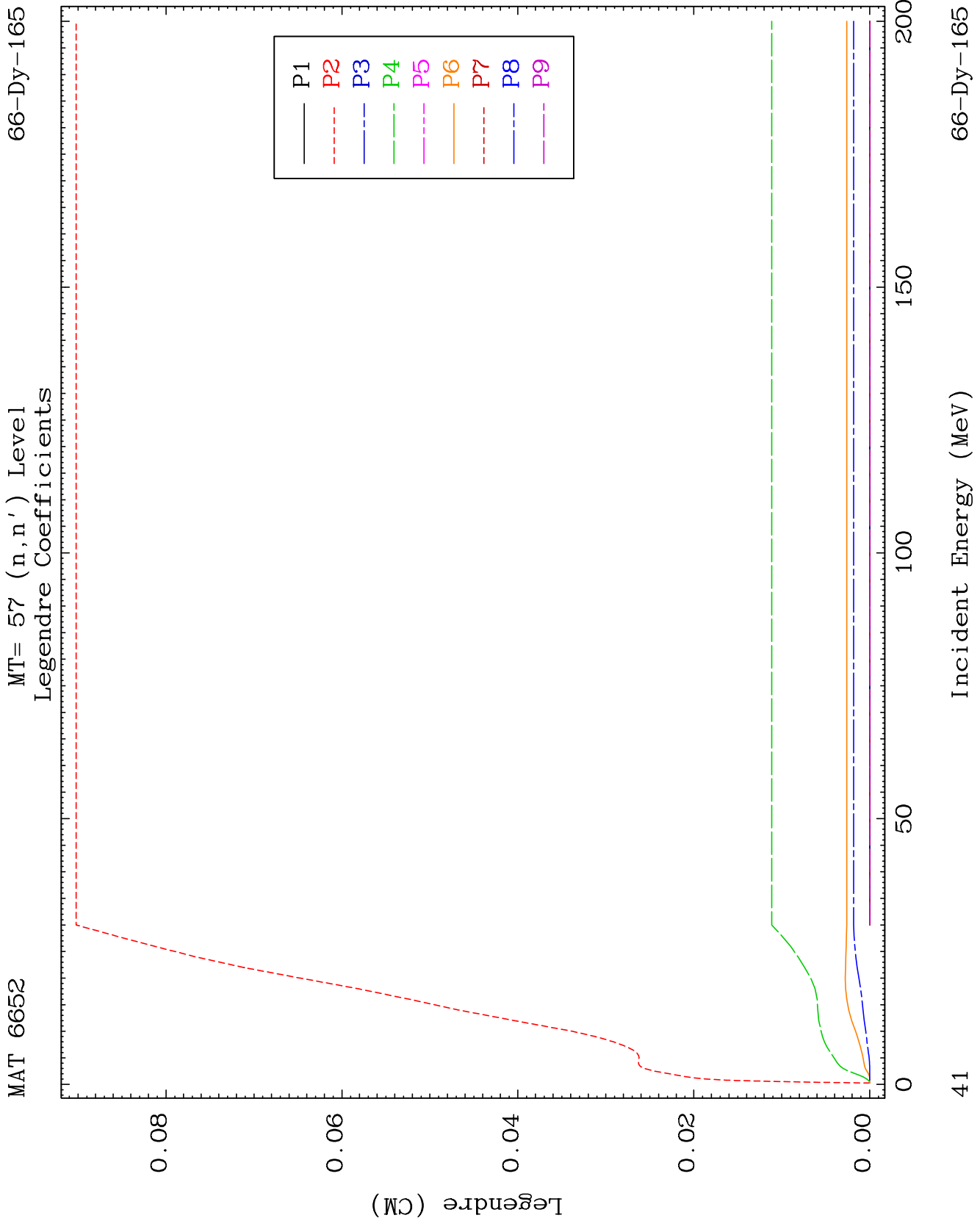


MAT 6652

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

66-Dy-165

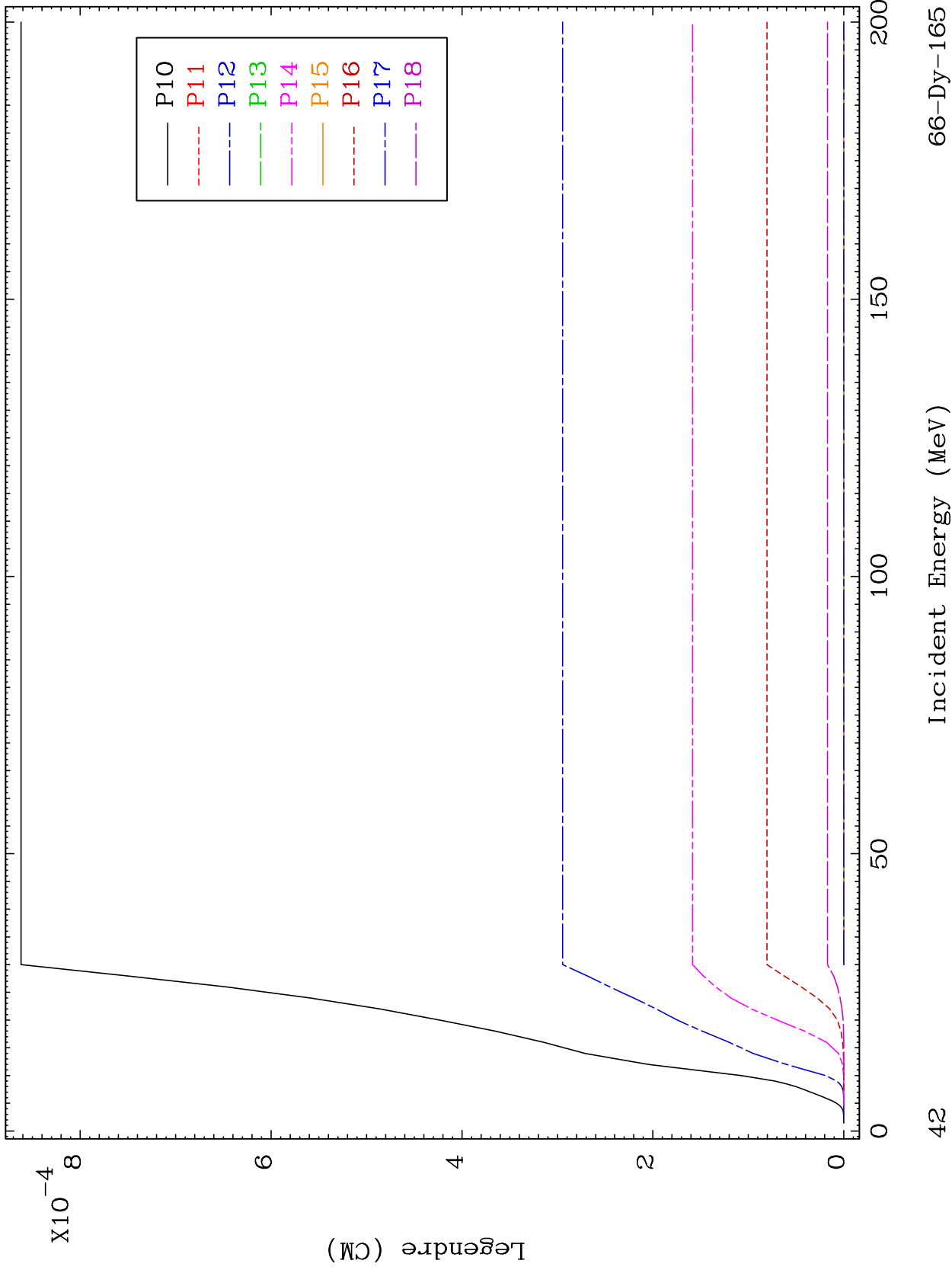




MAT 6652

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

66-Dy-165



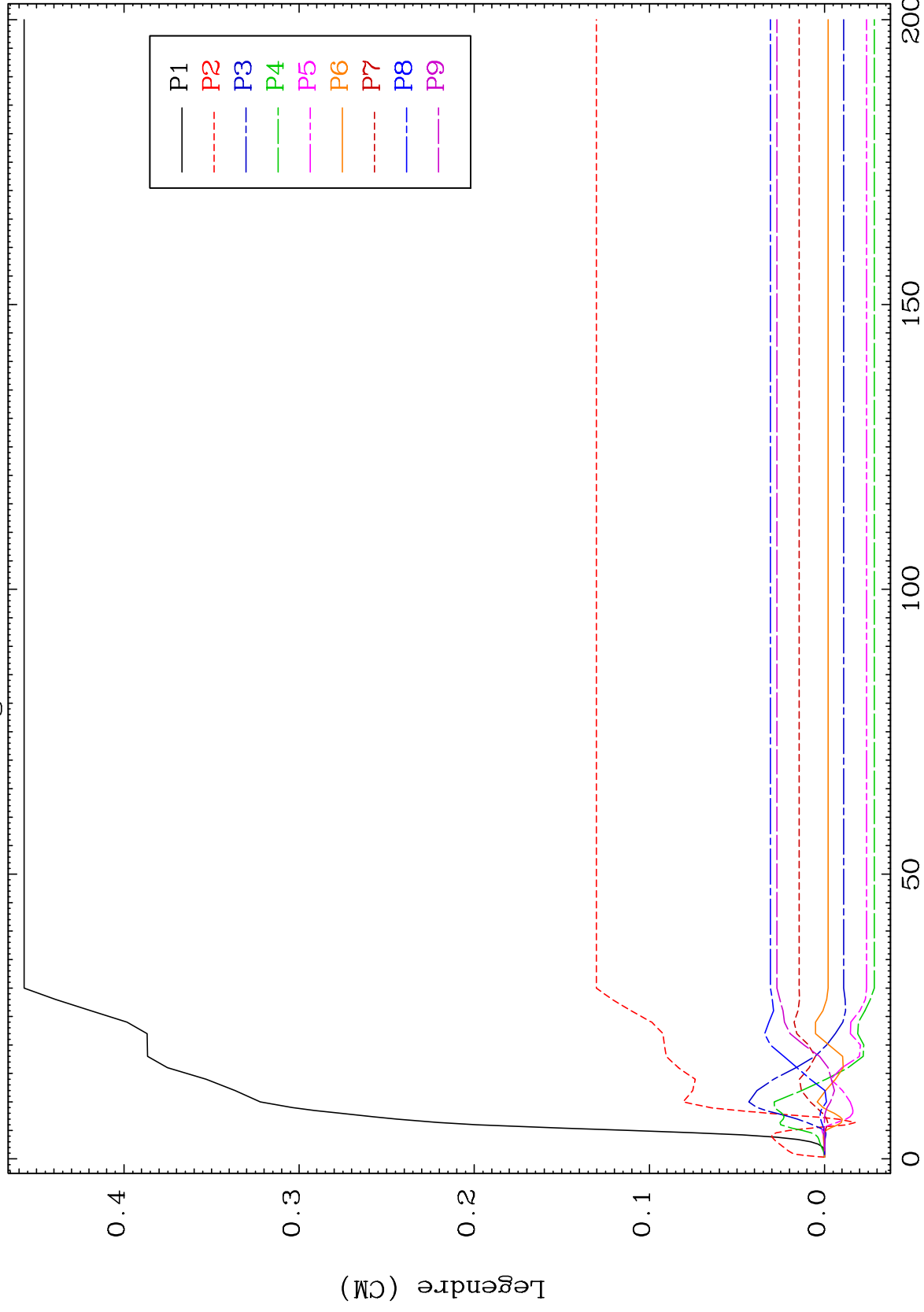
42



MAT 6652

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

66-Dy-165



44

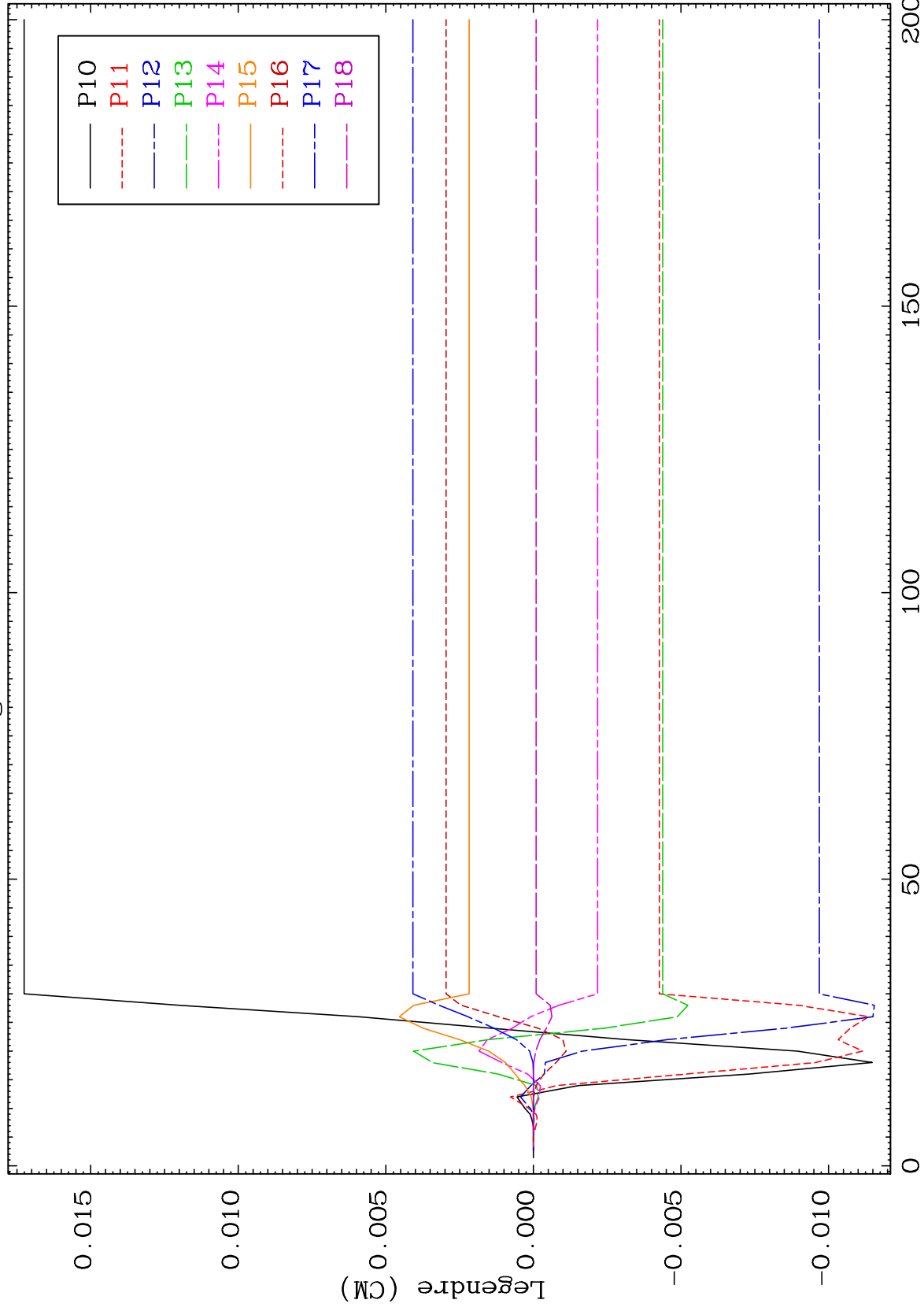
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



45

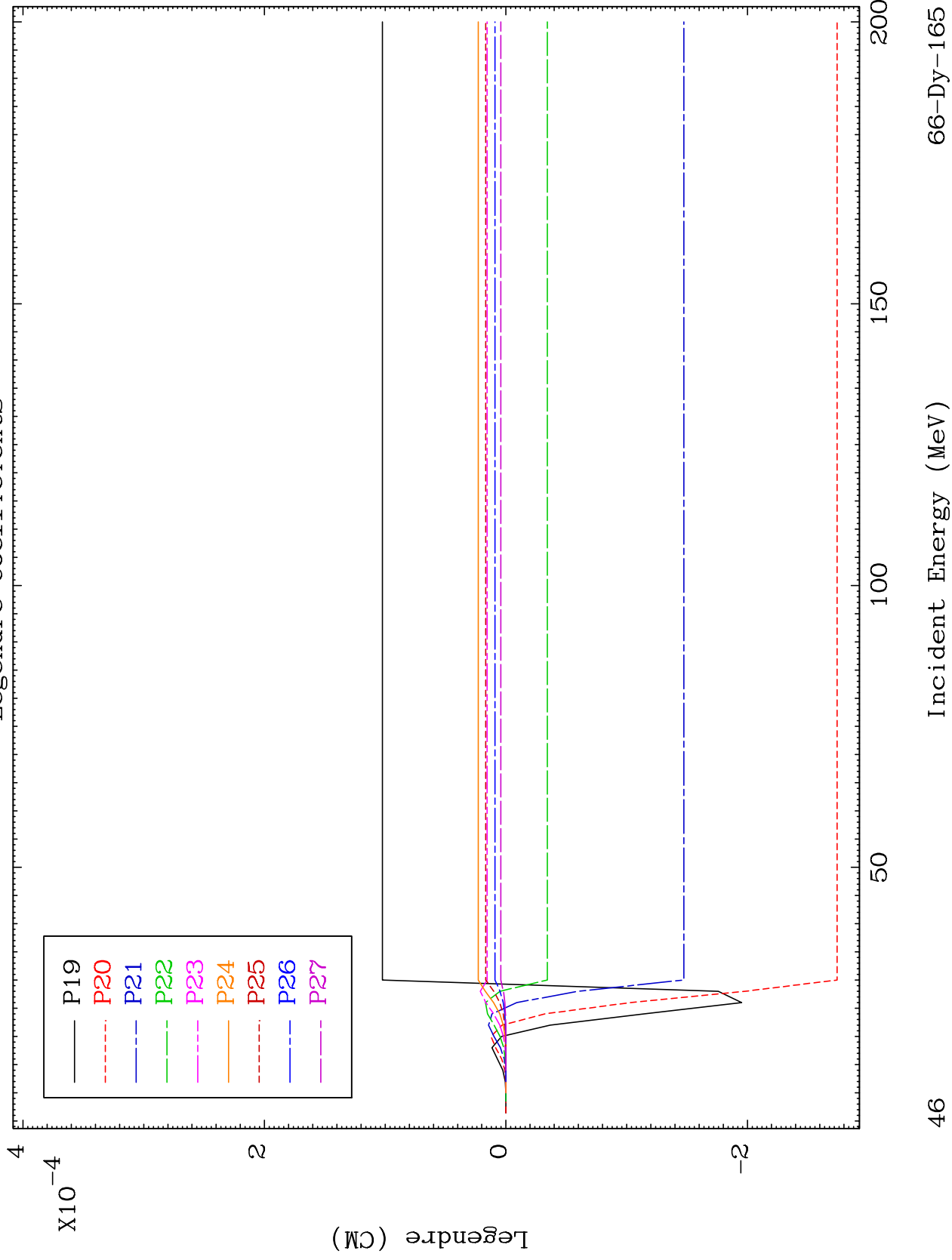
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

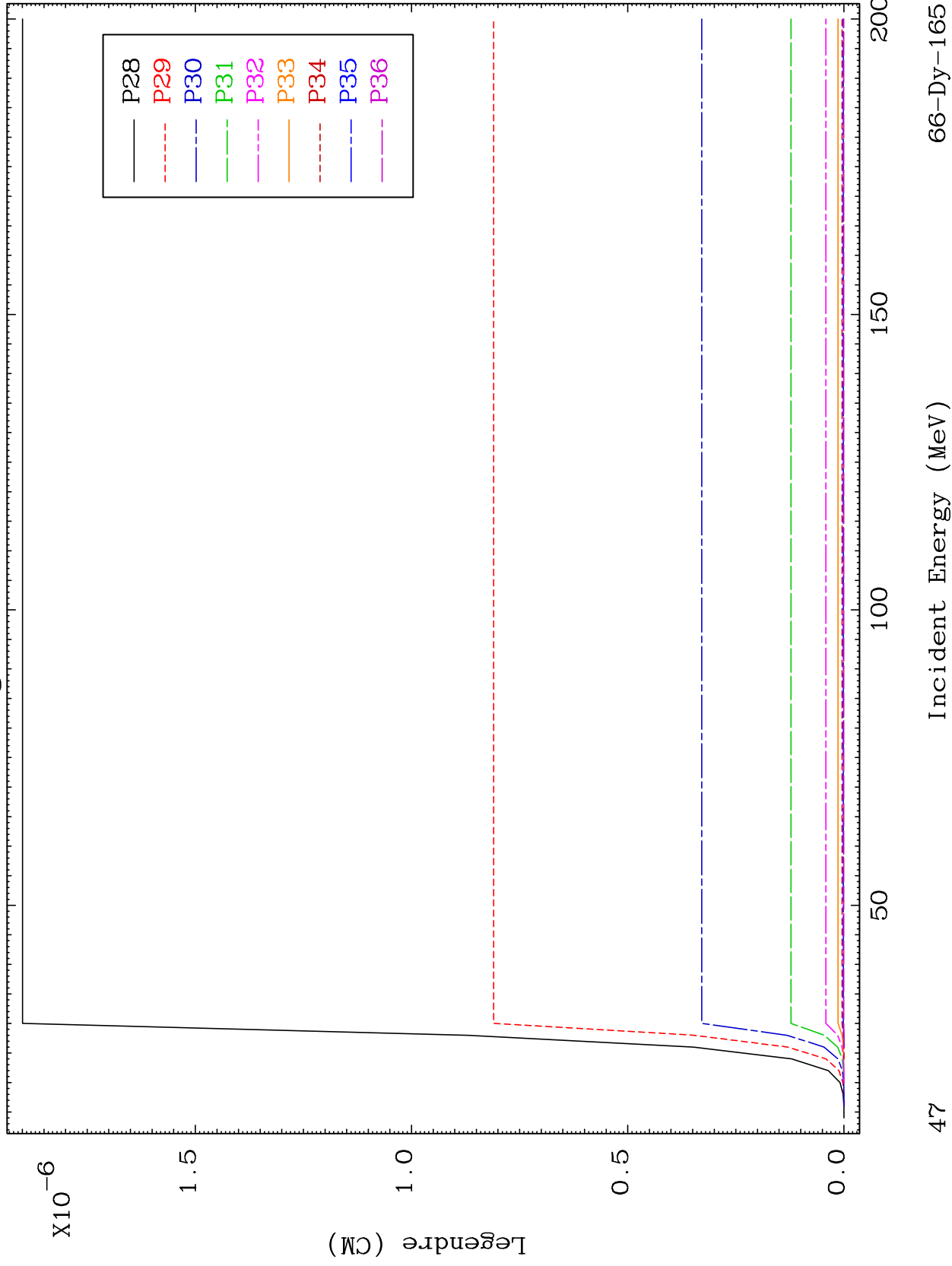
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MAT 6652

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

66-Dy-165

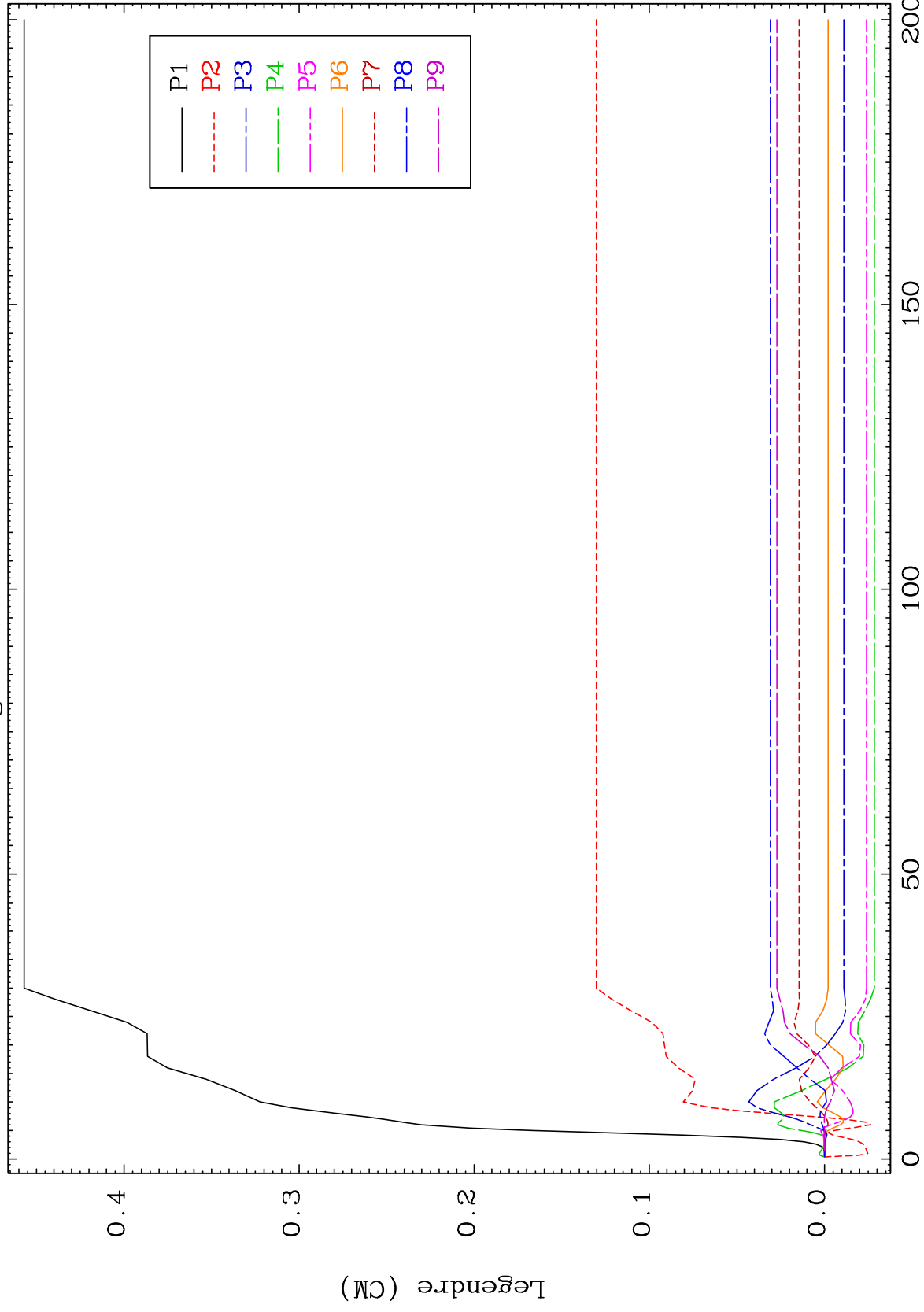




MAT 6652

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

66-Dy-165



48

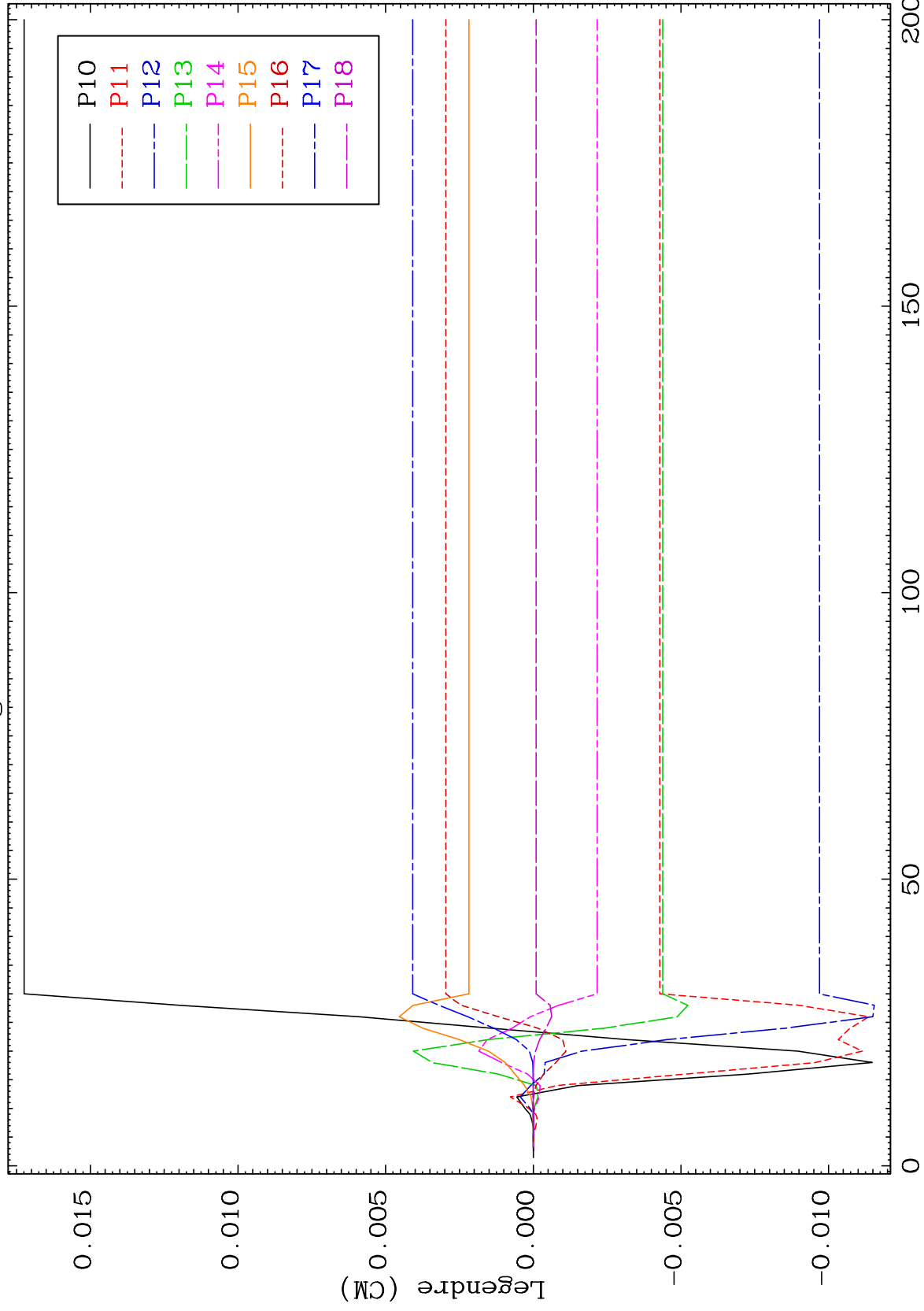
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



49

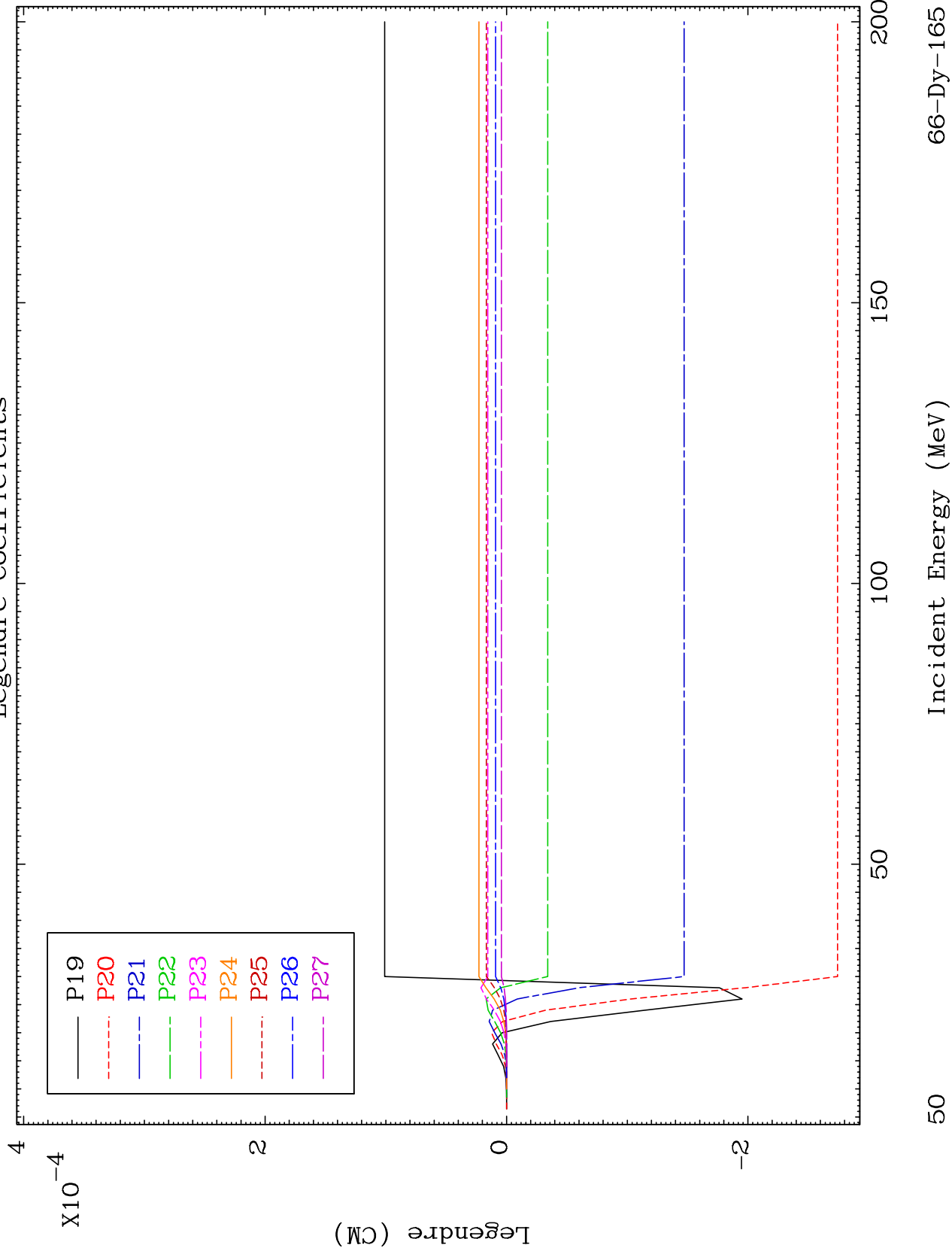
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

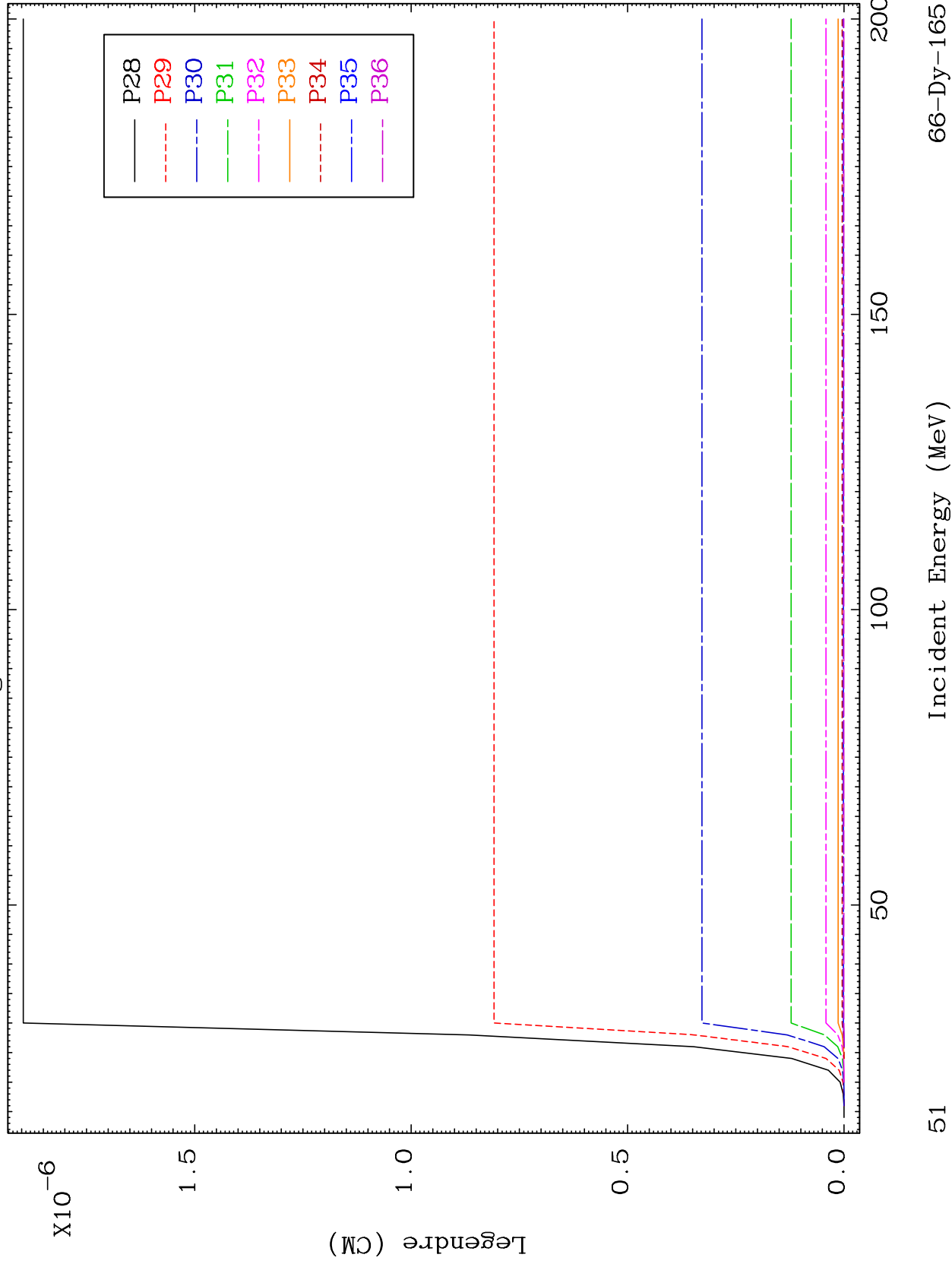
66-Dy-165



MAT 6652

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

66-Dy-165



51

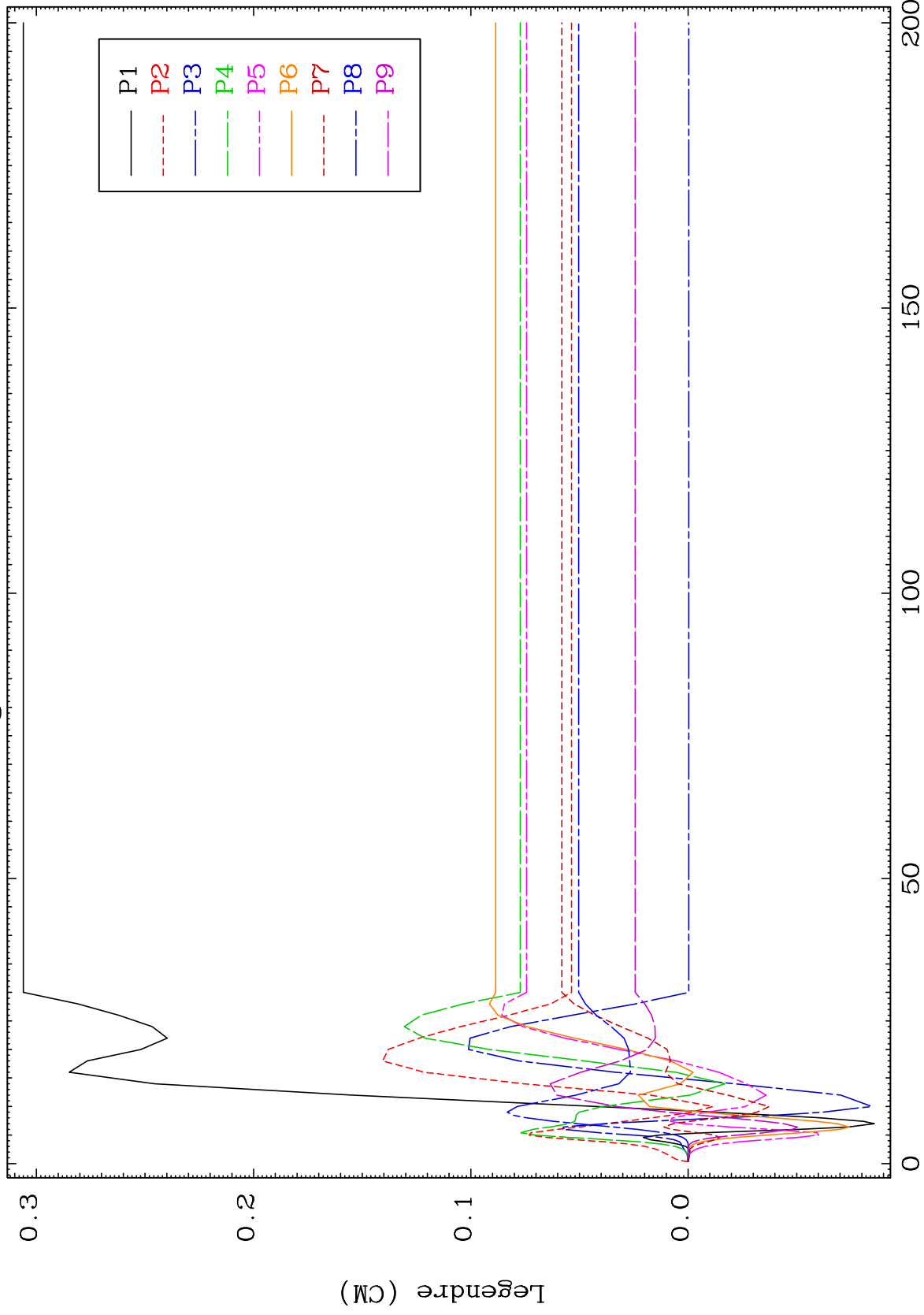
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



52

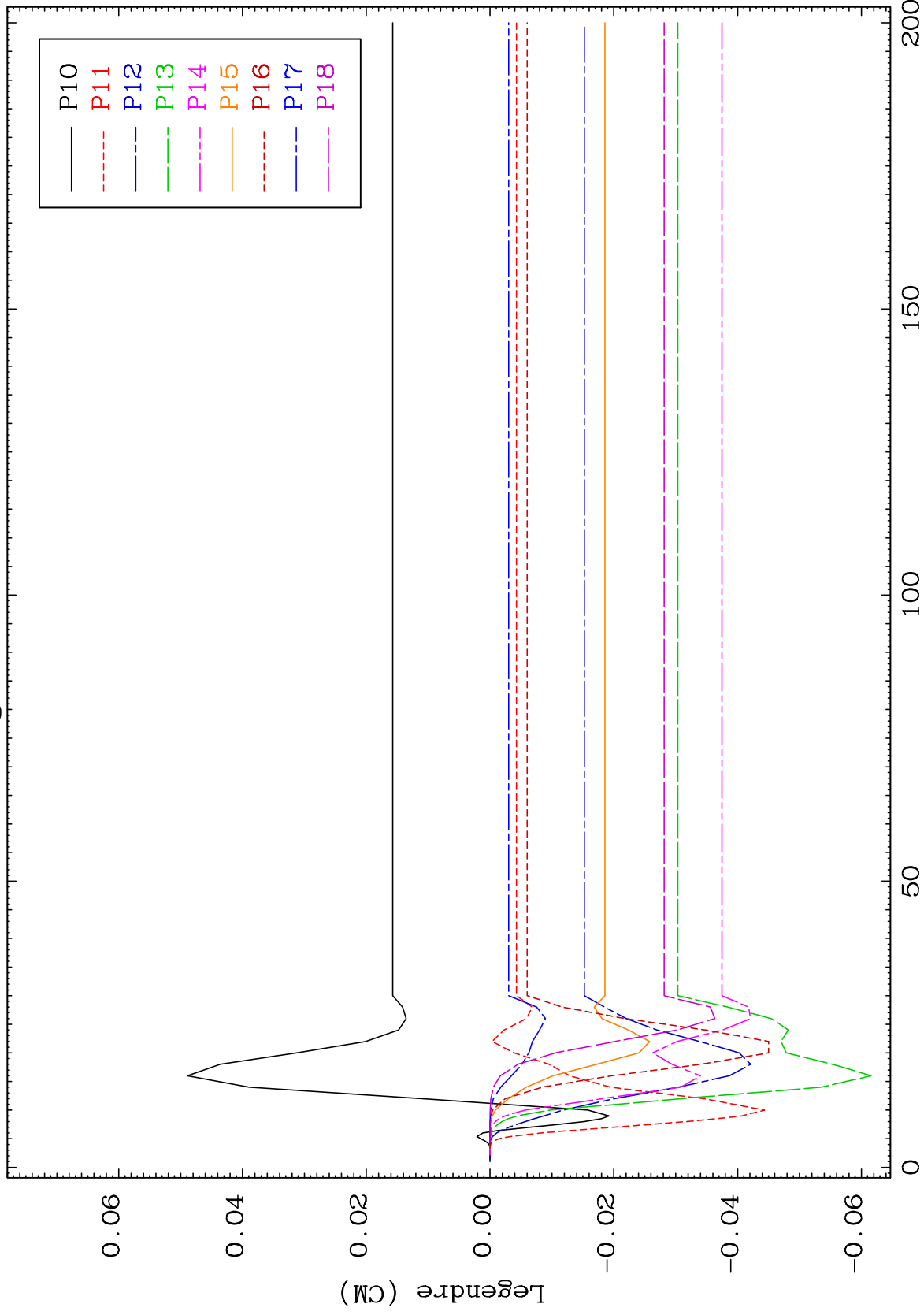
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



53

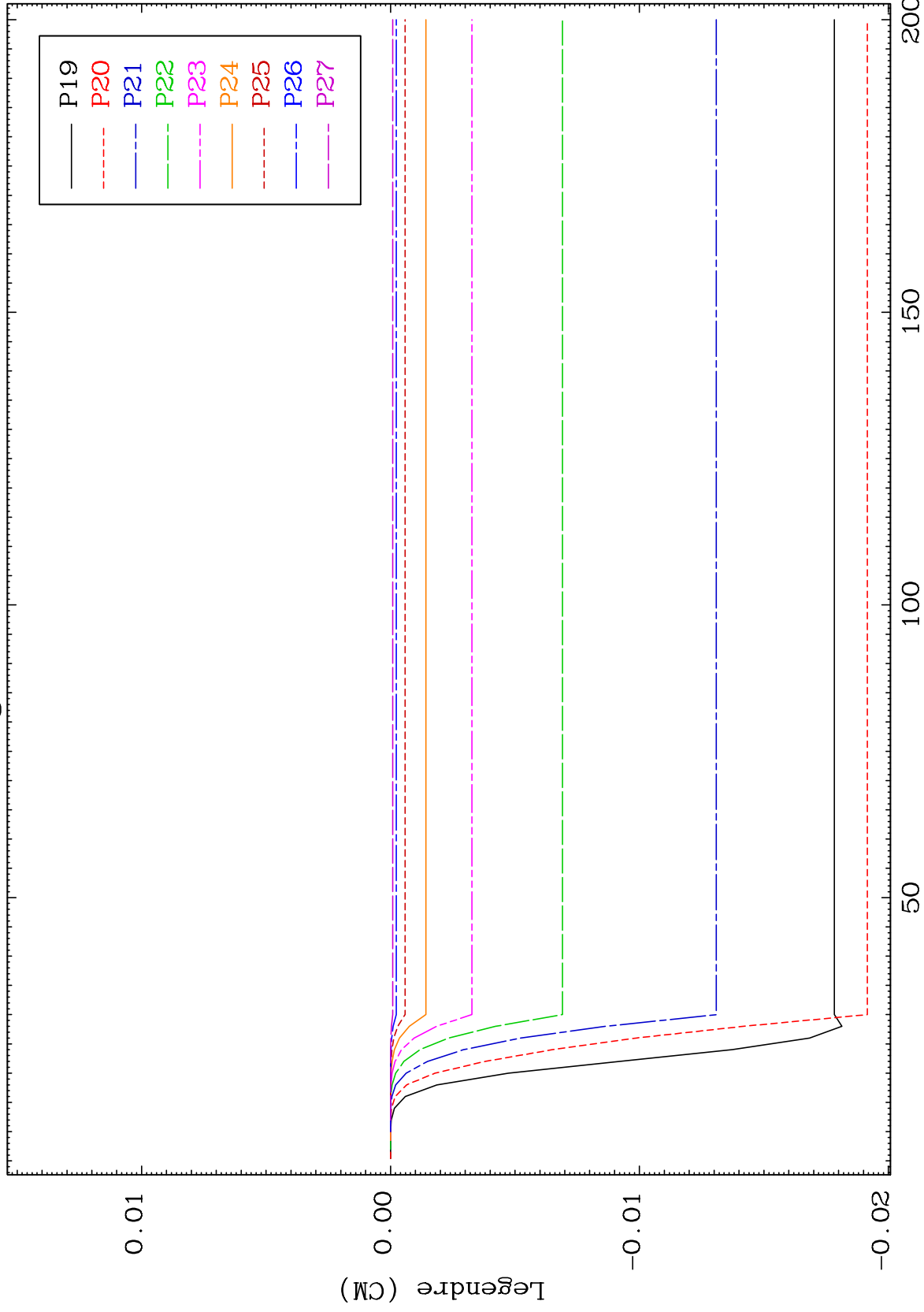
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

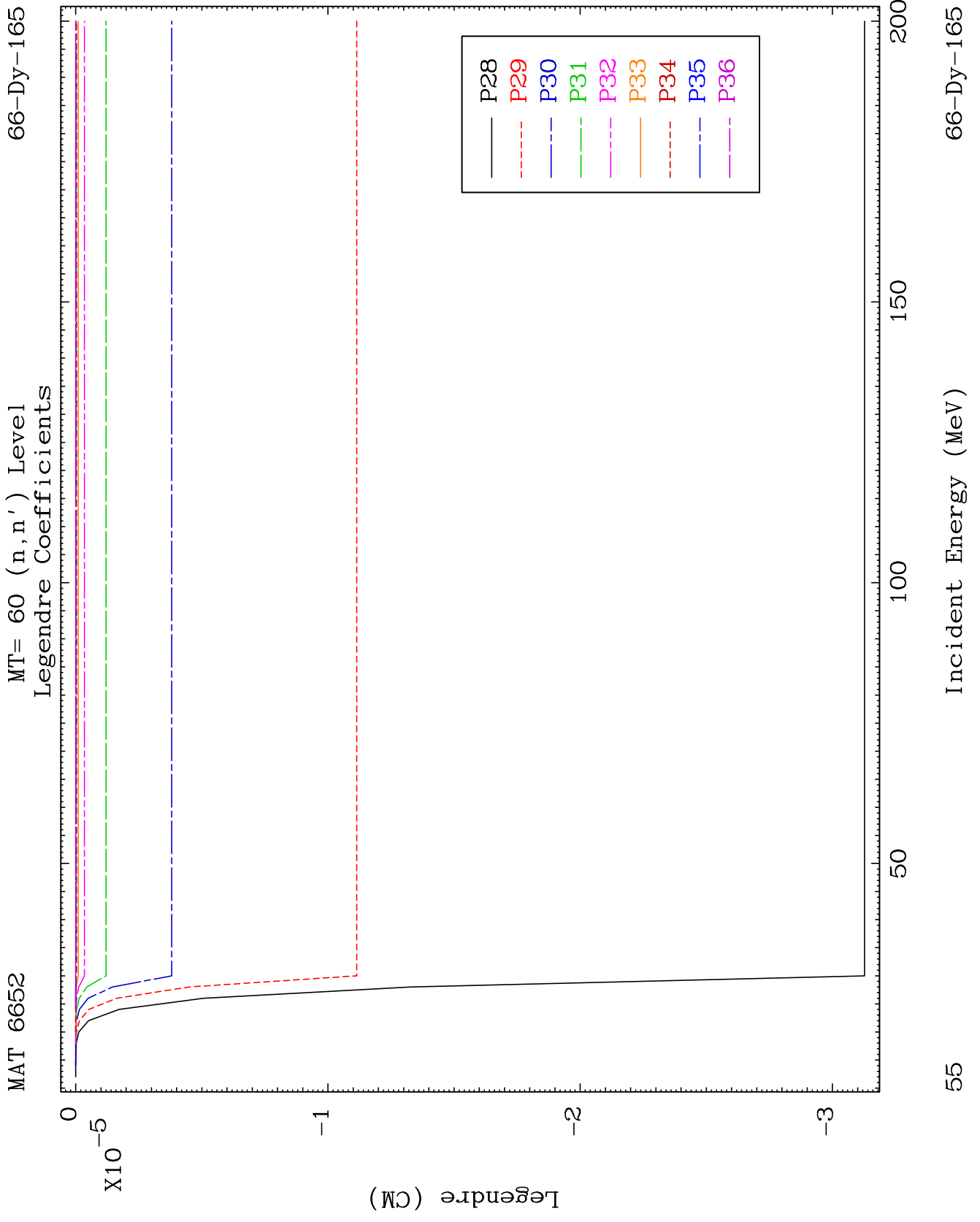
66-Dy-165



54

Incident Energy (MeV)

66-Dy-165

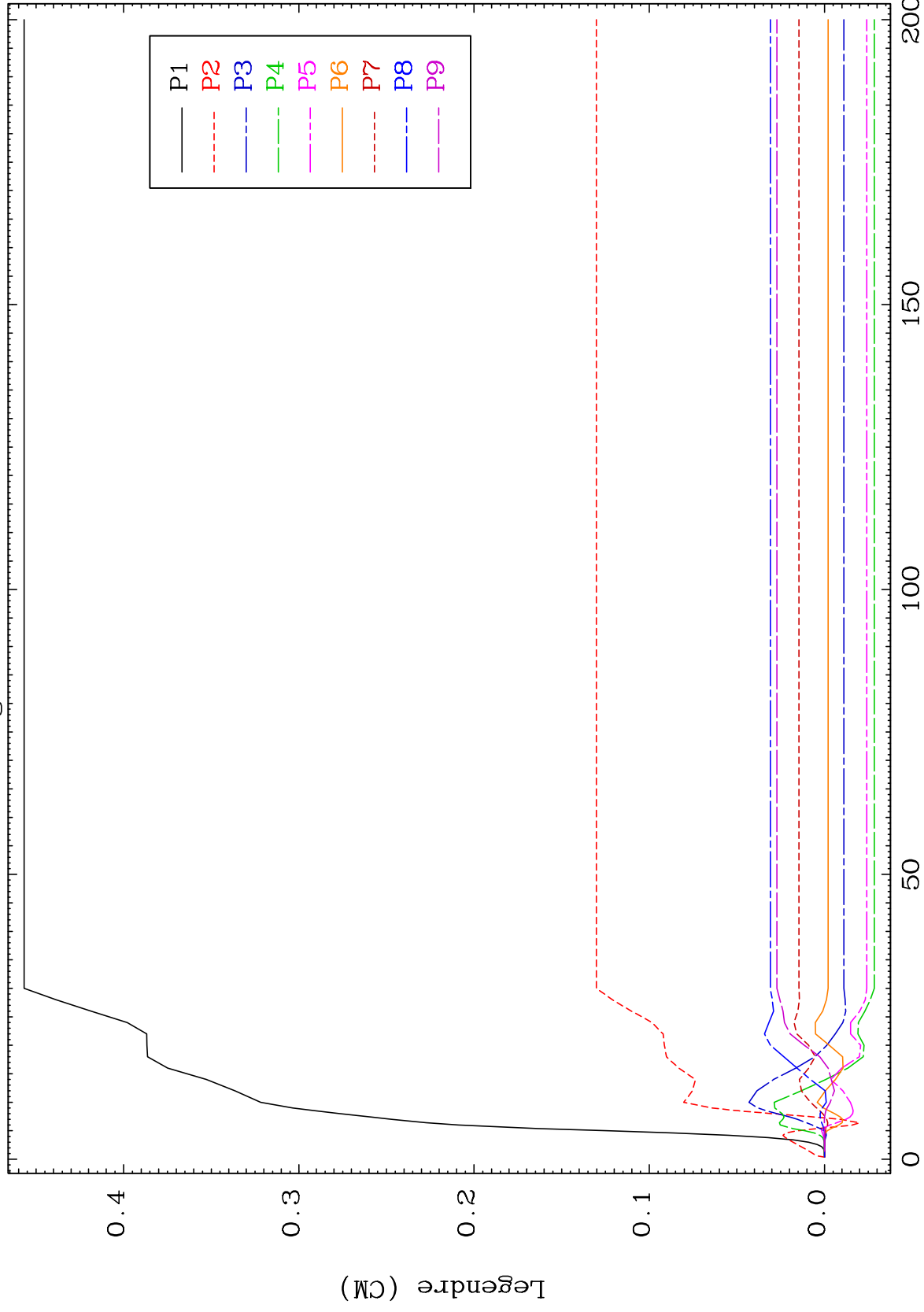




MAT 6652

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

66-Dy-165



56

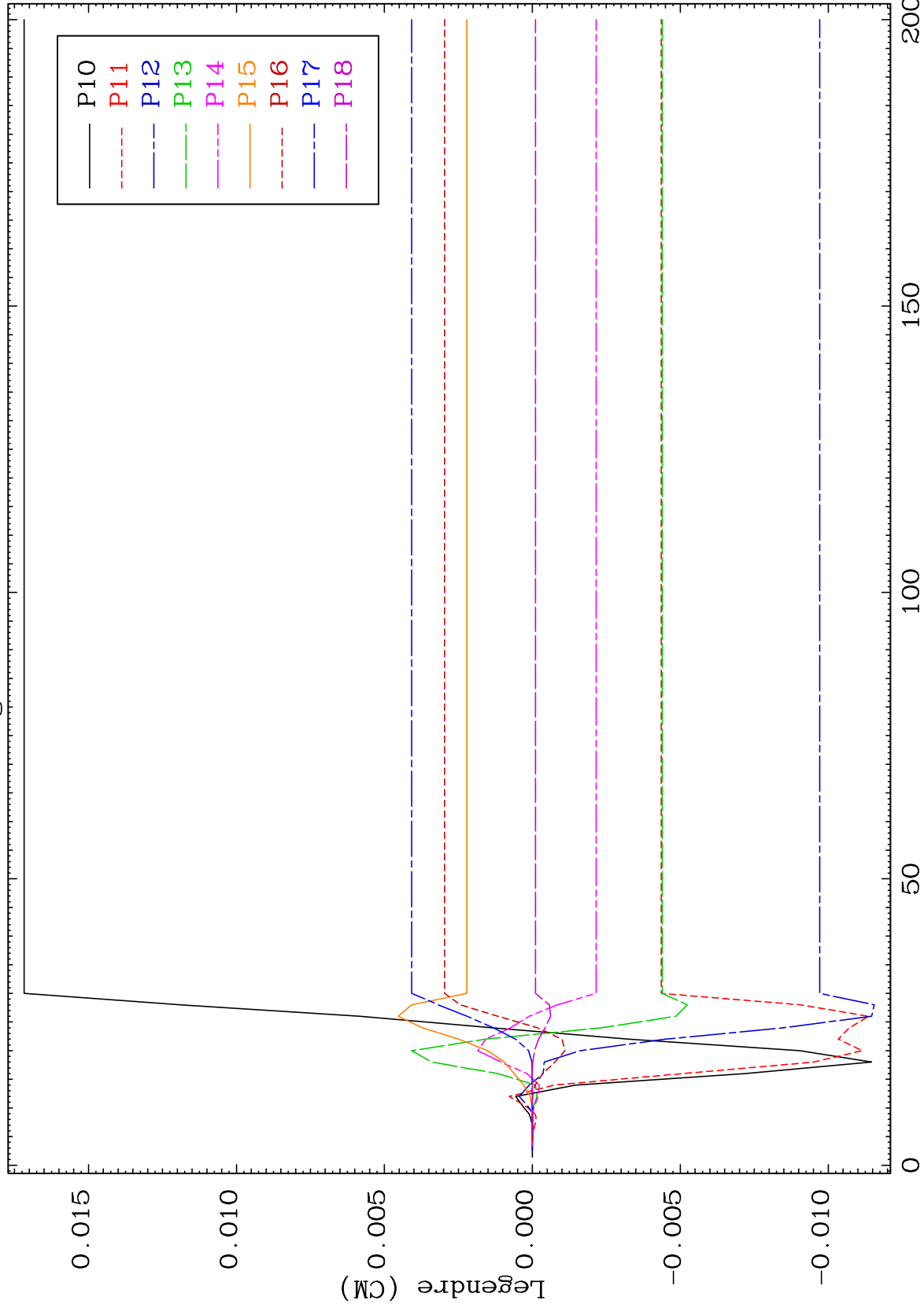
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

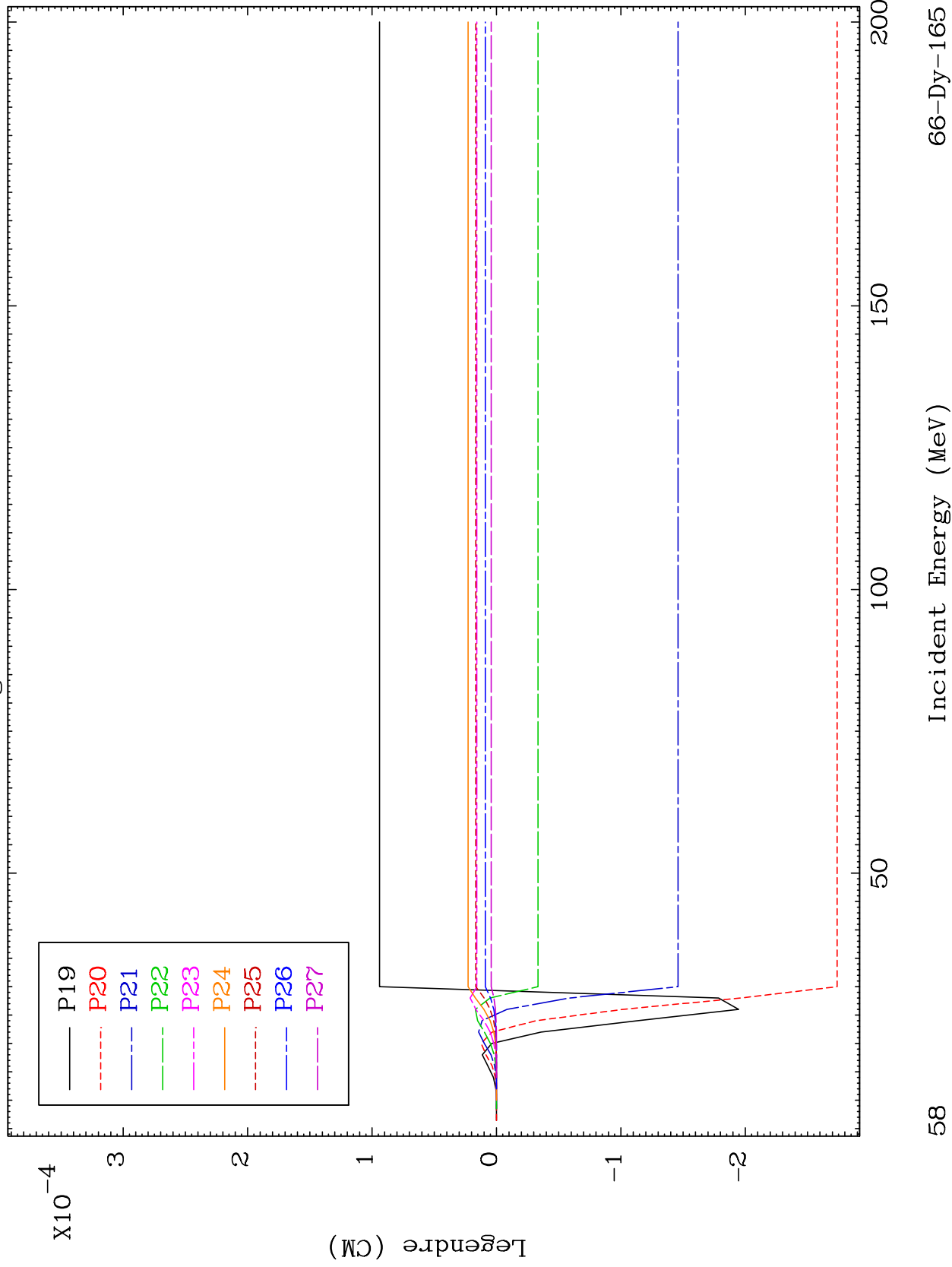
66-Dy-165



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Incident Energy (MeV)

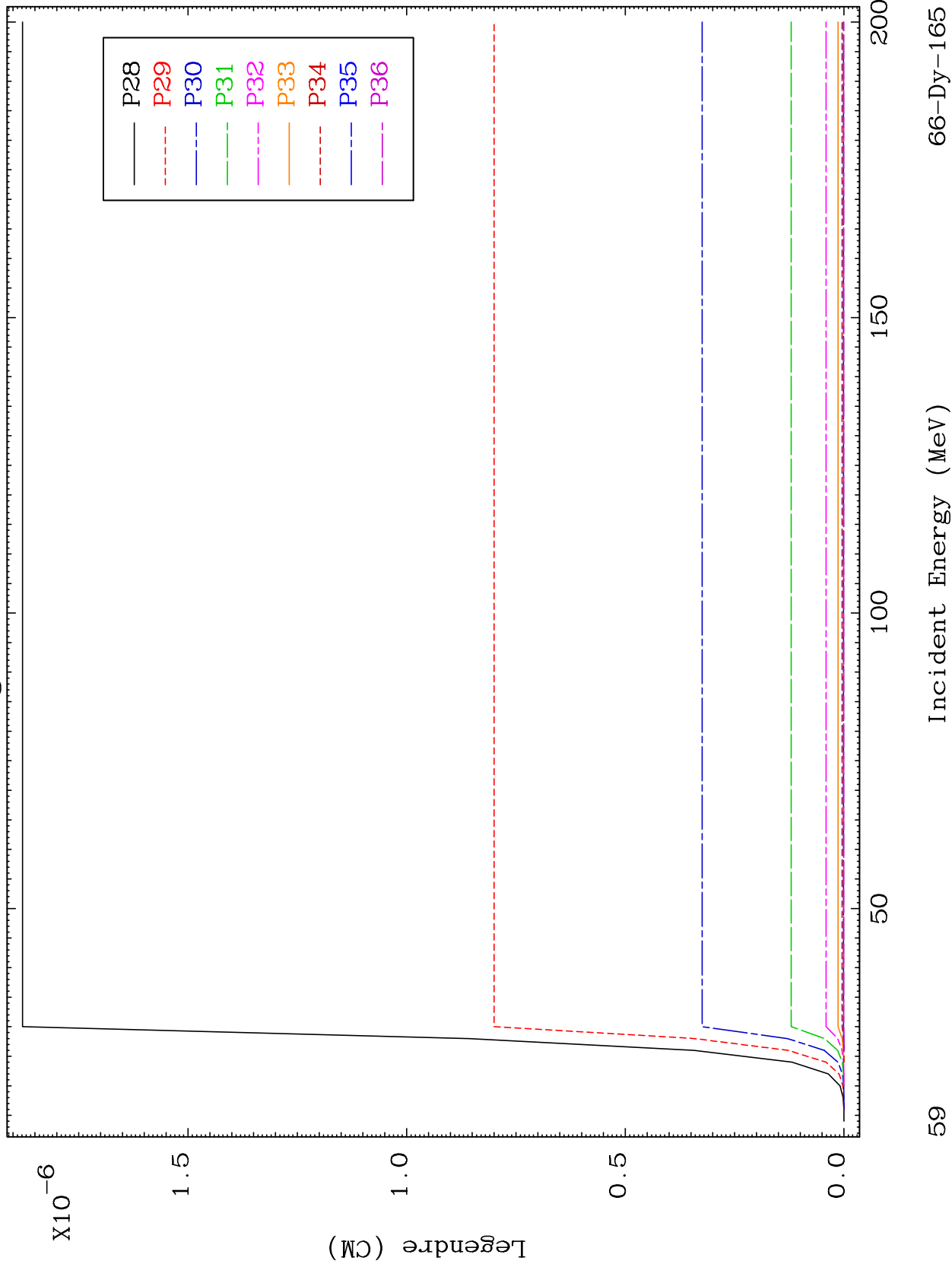
66-Dy-165



MAT 6652

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

66-Dy-165



59

Incident Energy (MeV)

66-Dy-165

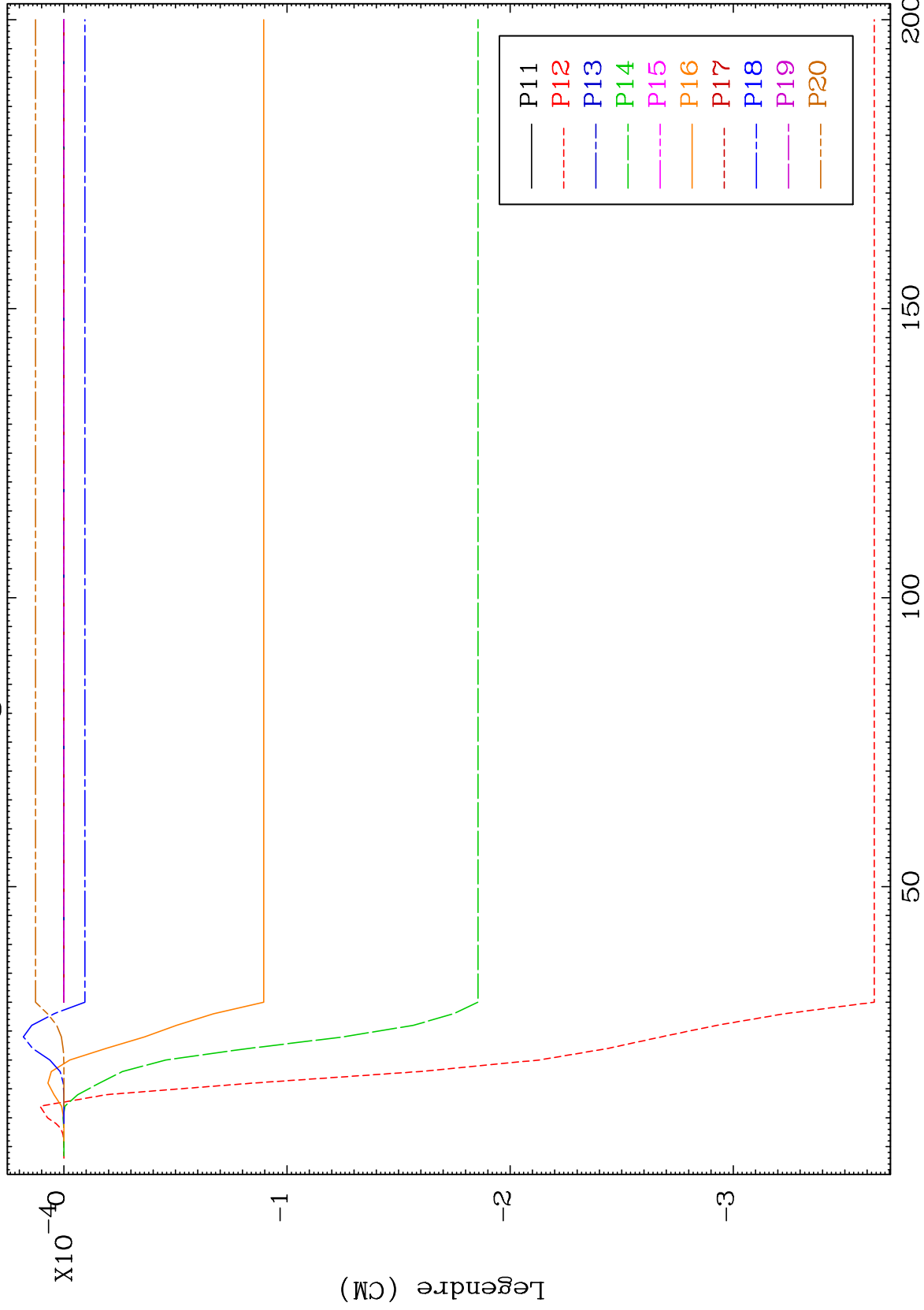


MAT 6652

MT= 62 (n,n') Level

66-Dy-165

Legendre Coefficients



61

Incident Energy (MeV)

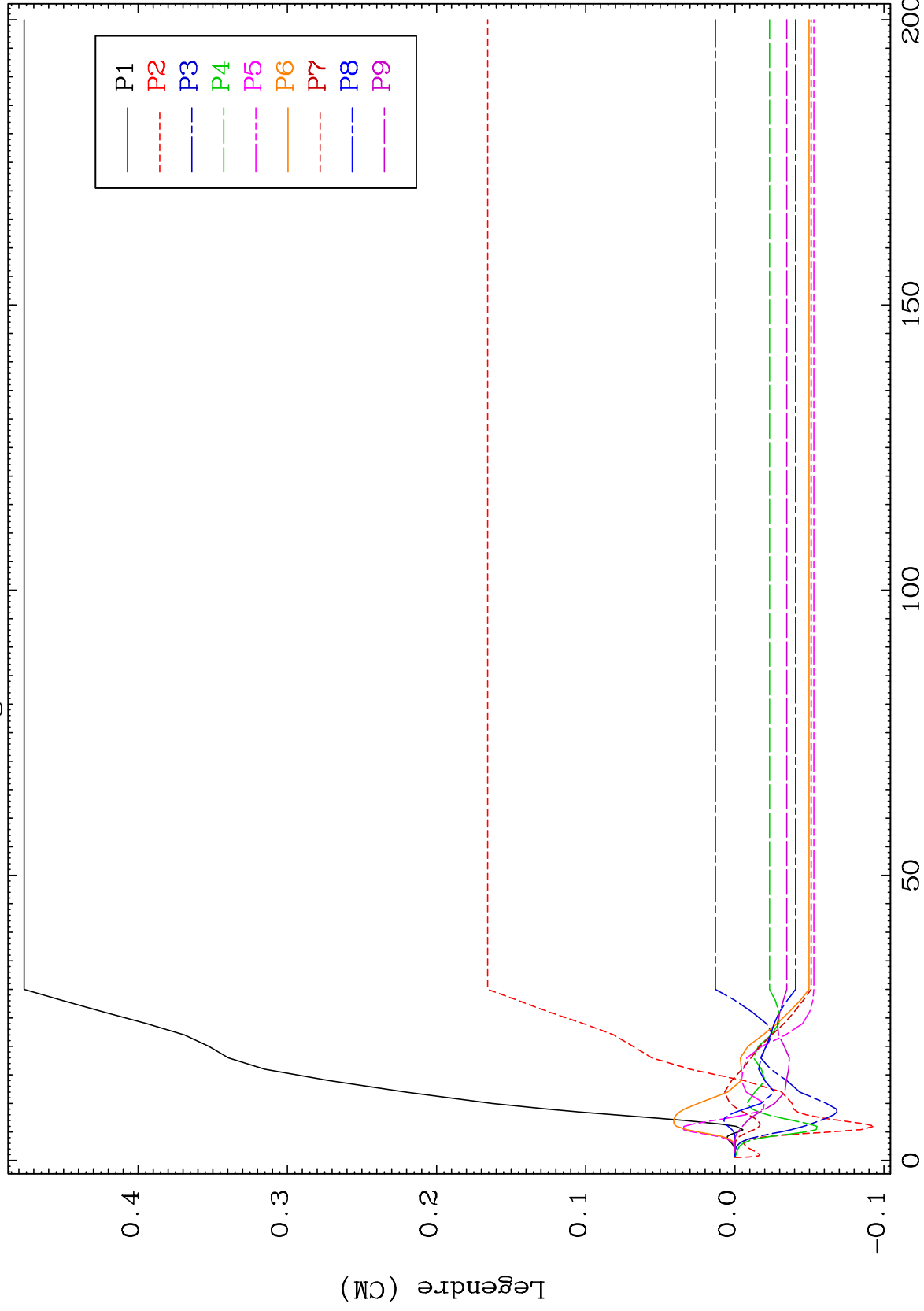
66-Dy-165



MAT 6652

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

66-Dy-165



63

Incident Energy (MeV)

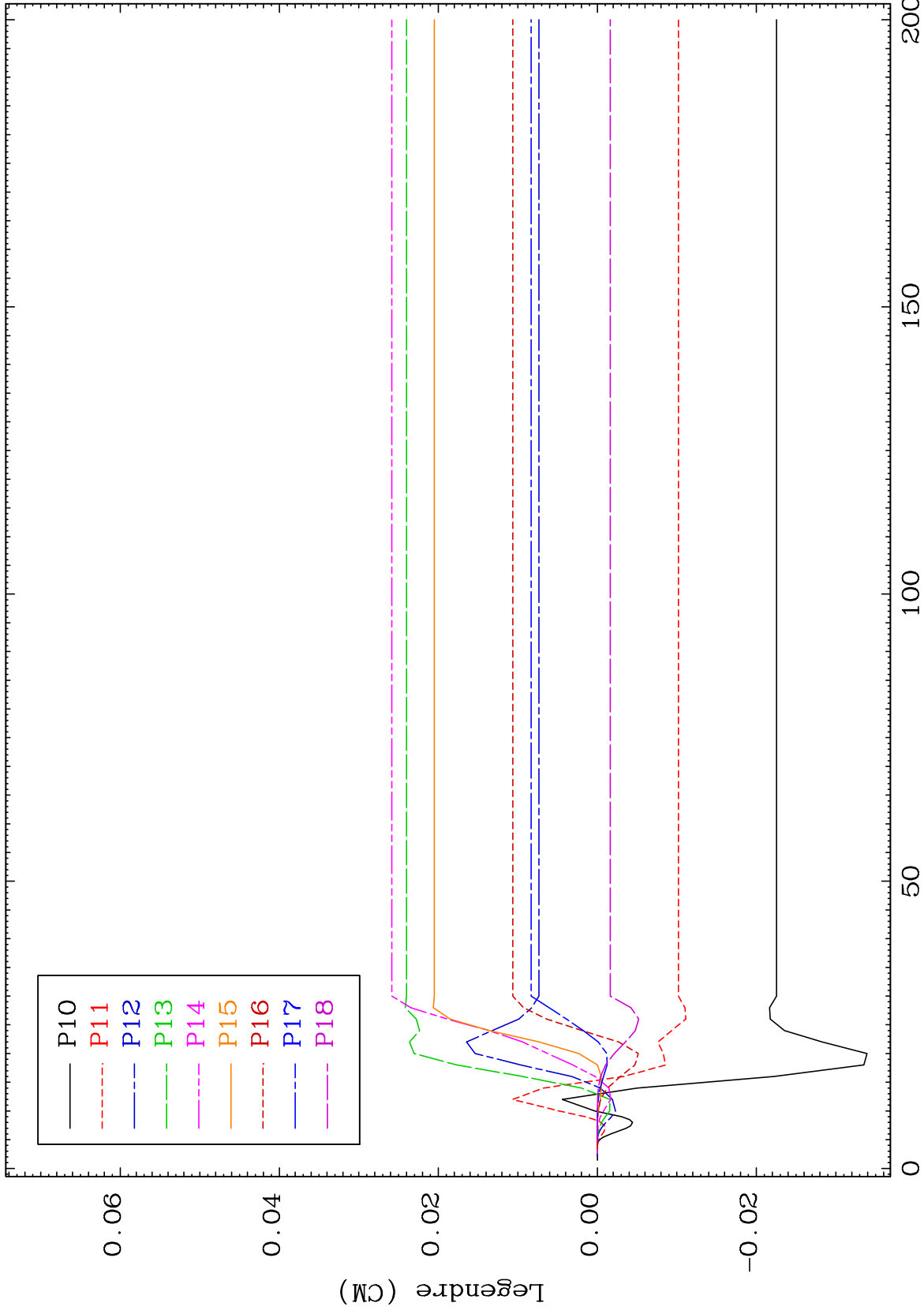
66-Dy-165



MAT 6652

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

66-Dy-165



64

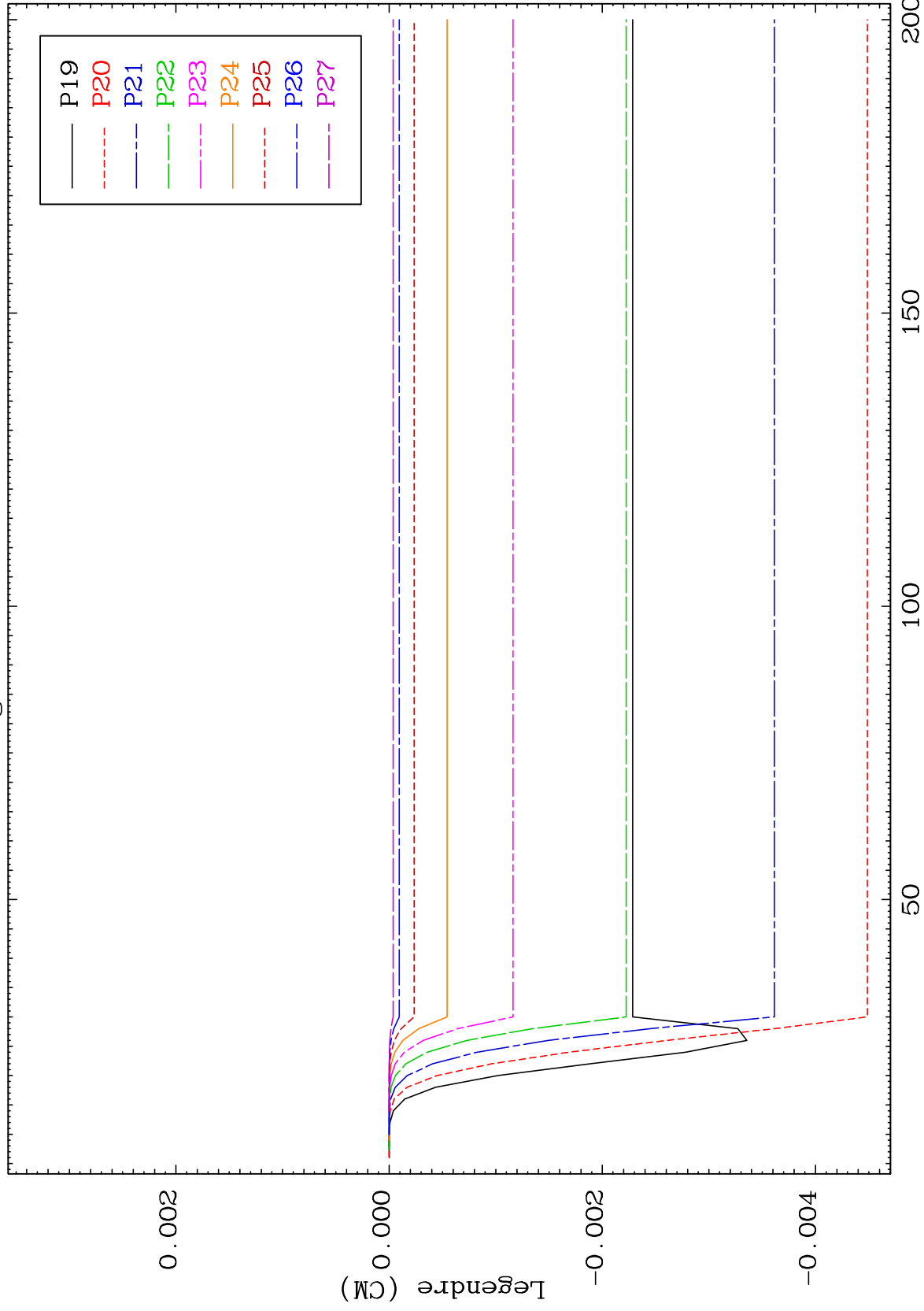
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

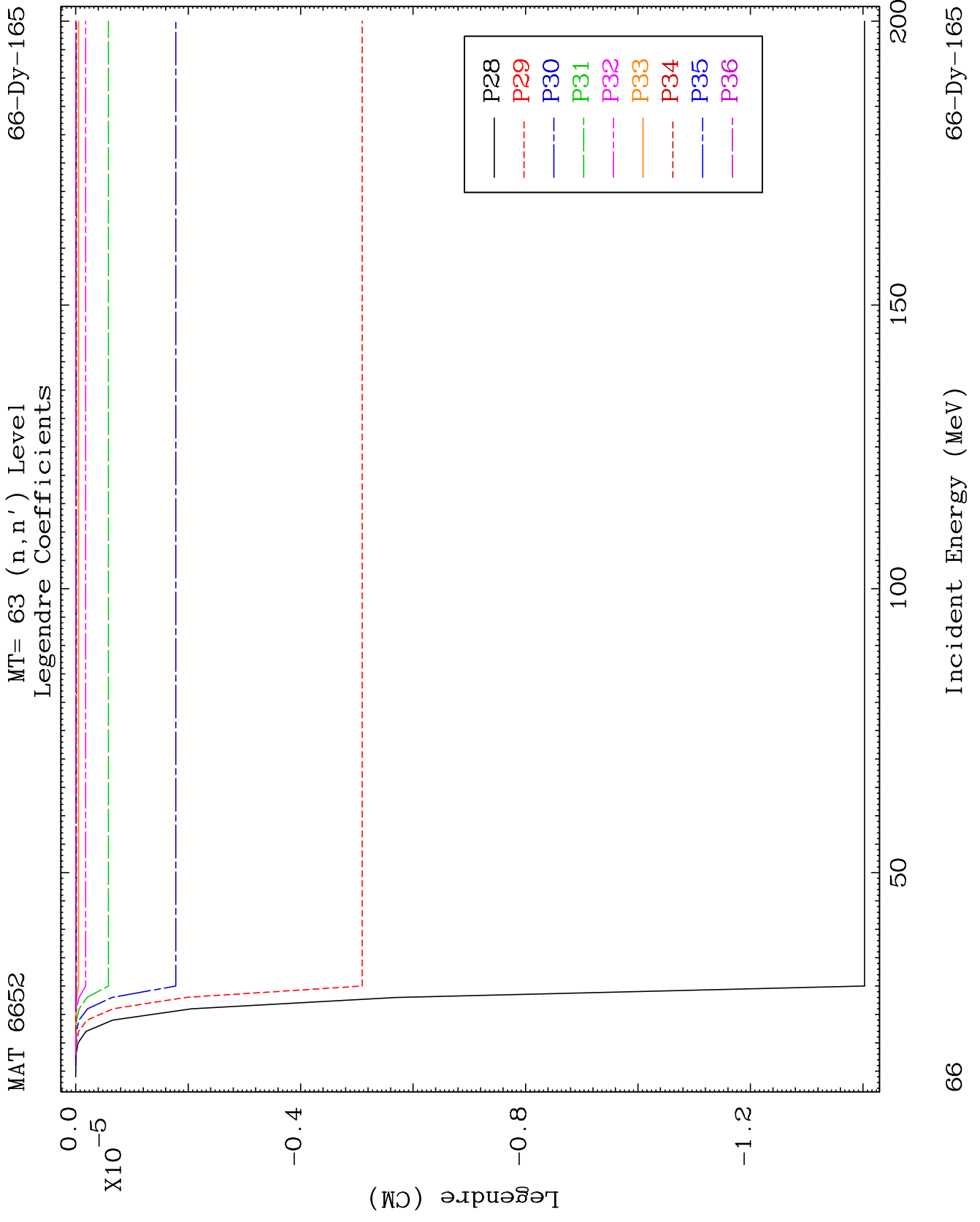
66-Dy-165



65

Incident Energy (MeV)

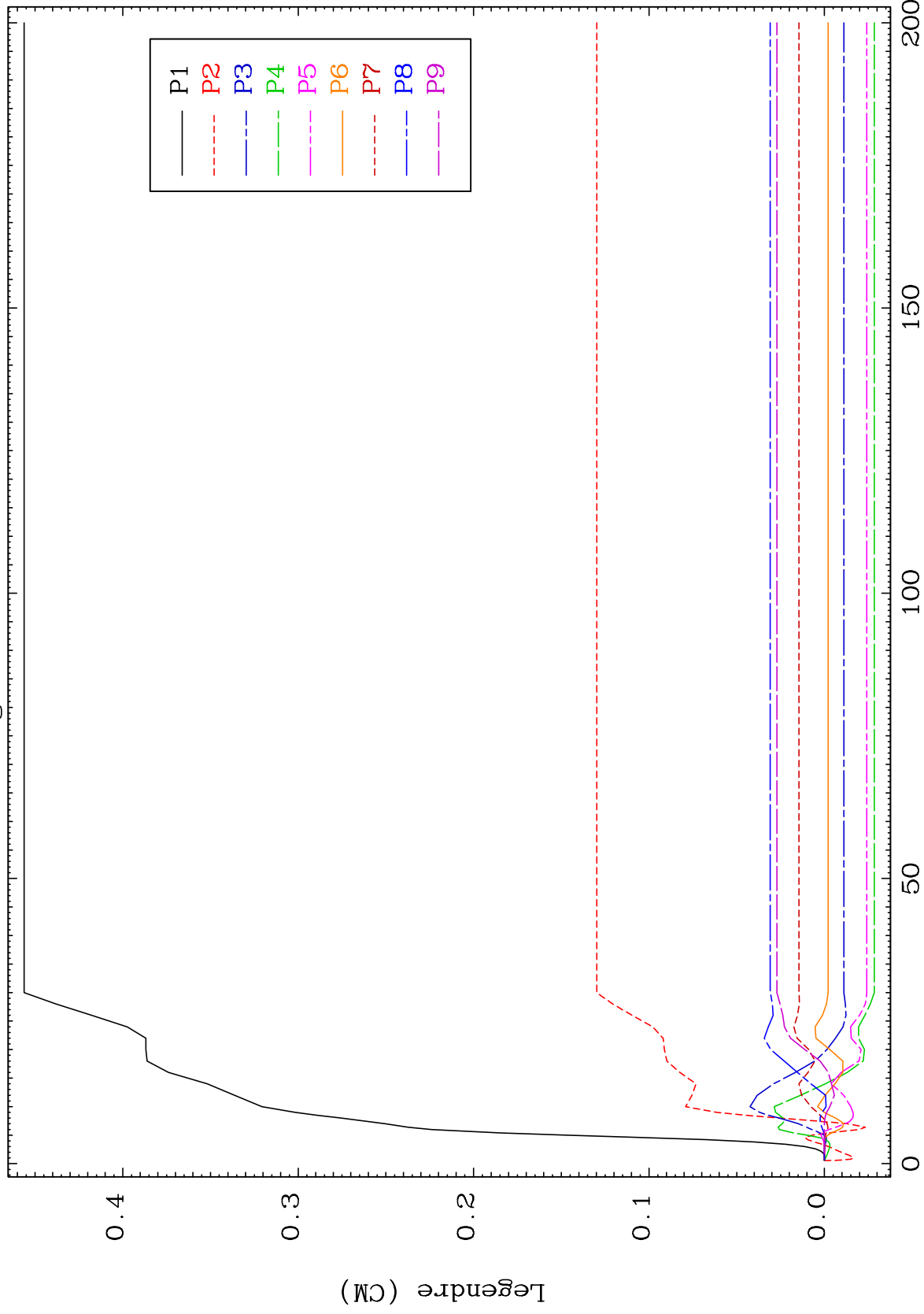
66-Dy-165



MAT 6652

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

66-Dy-165



67

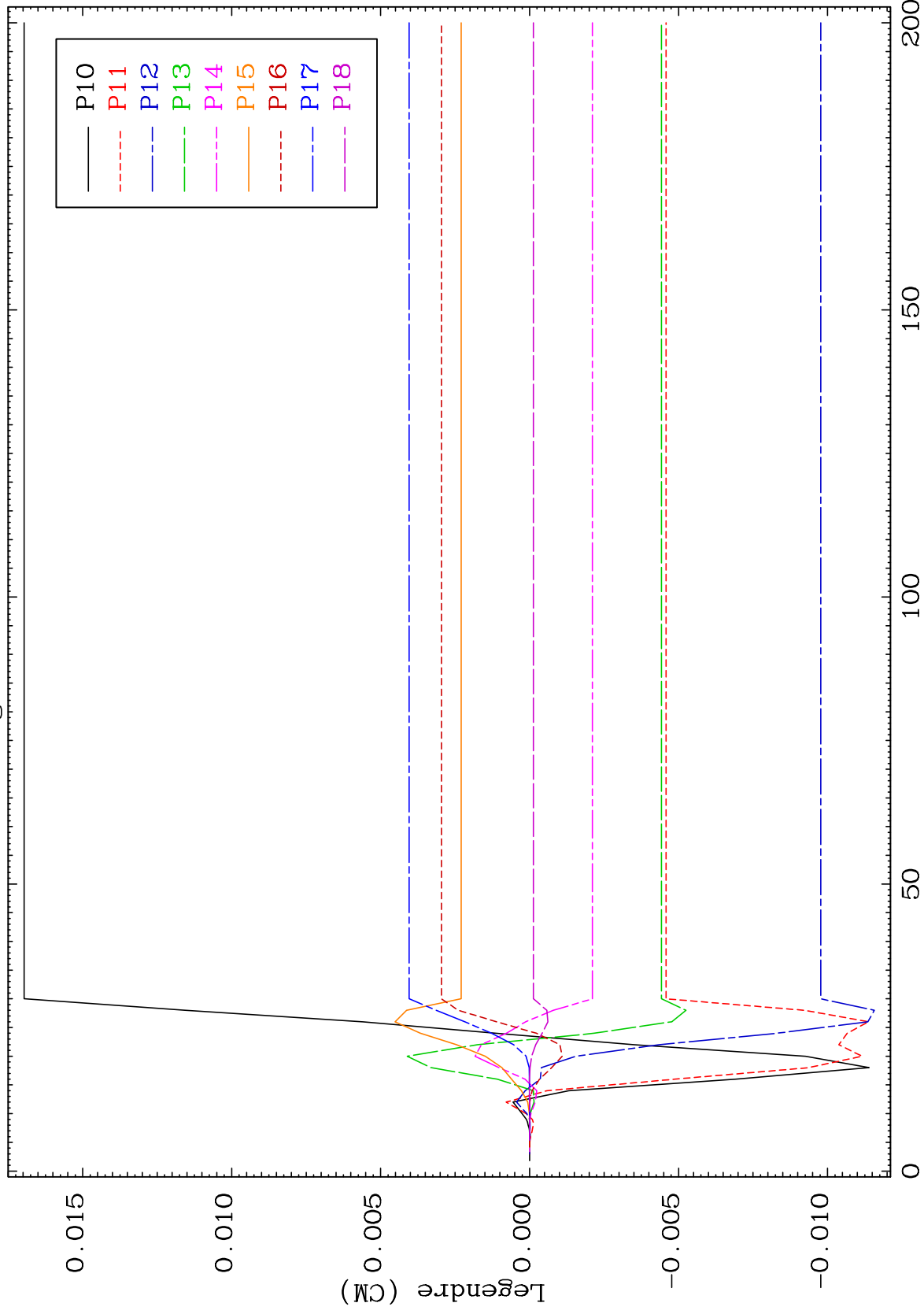
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

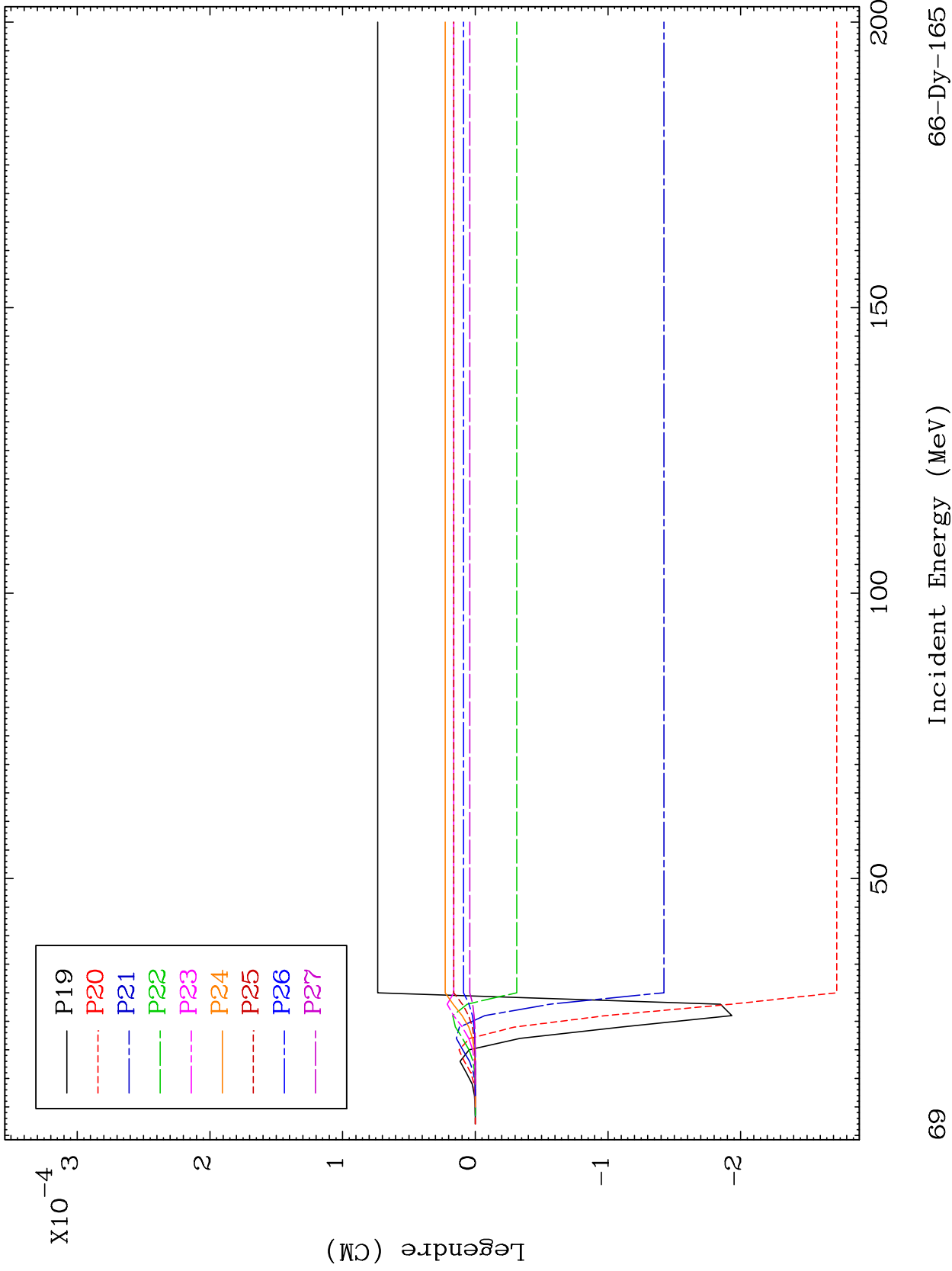
66-Dy-165



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Incident Energy (MeV)

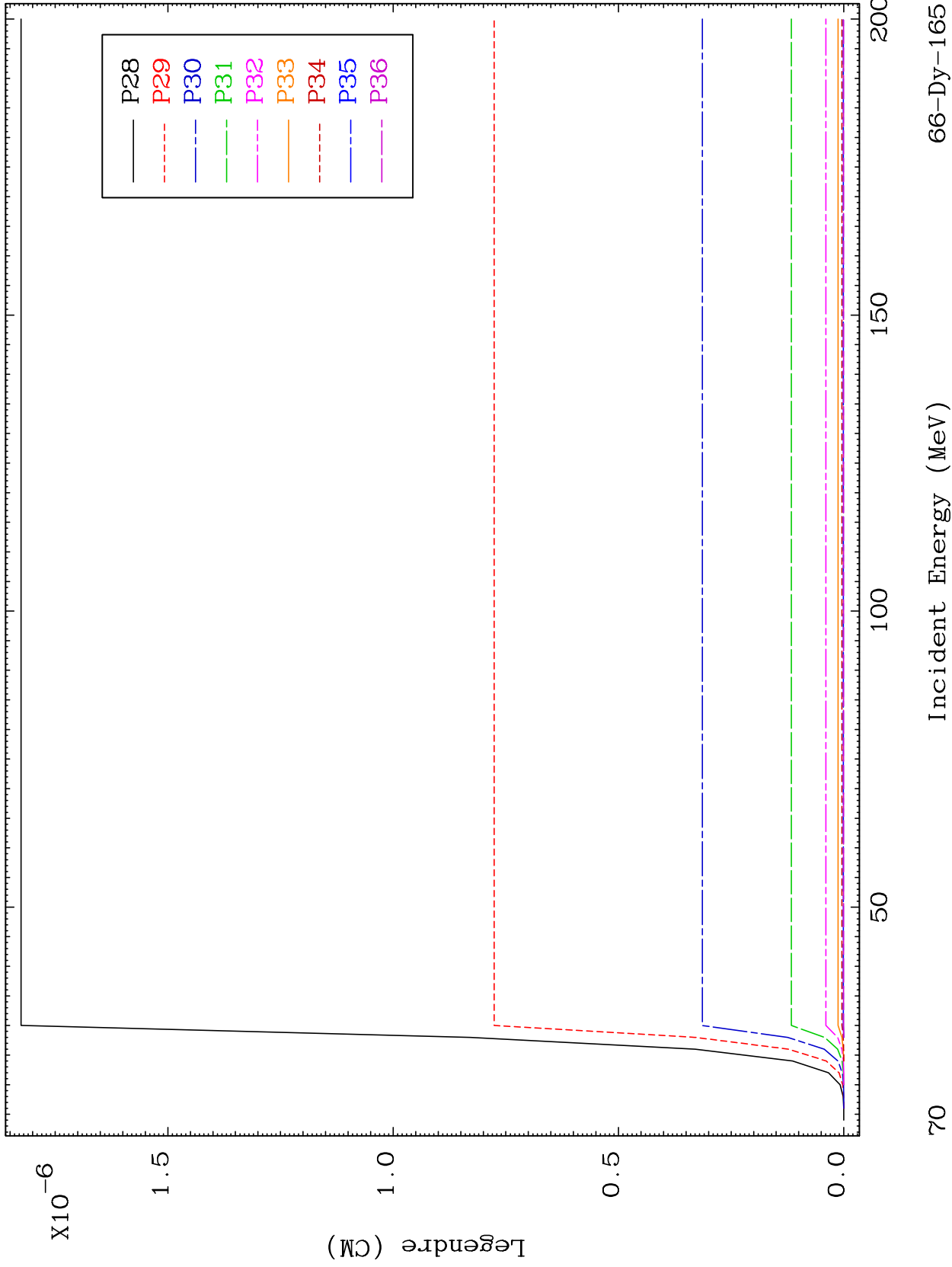
66-Dy-165



MAT 6652

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

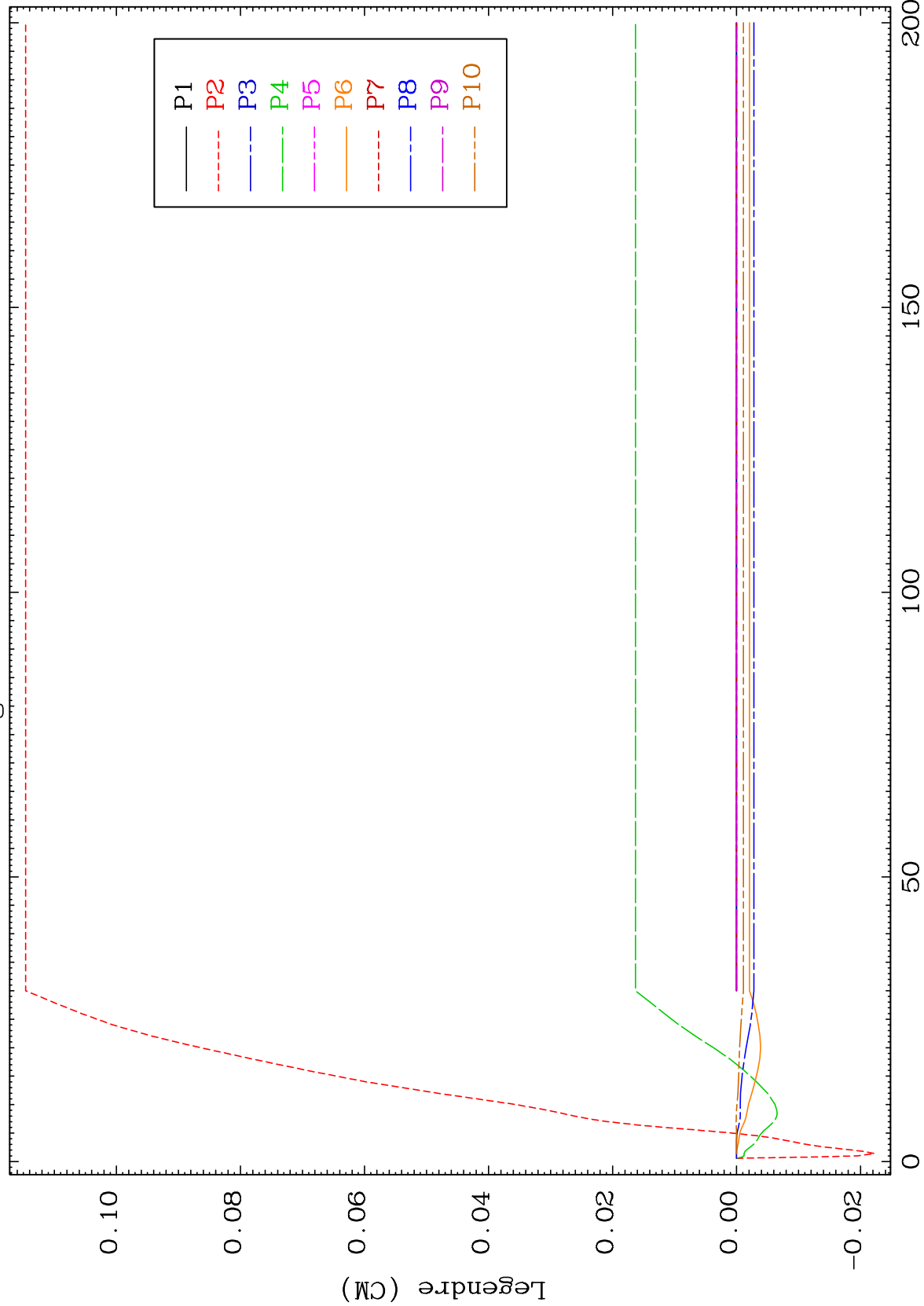
66-Dy-165



MAT 6652

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

66-Dy-165



71

Incident Energy (MeV)

66-Dy-165

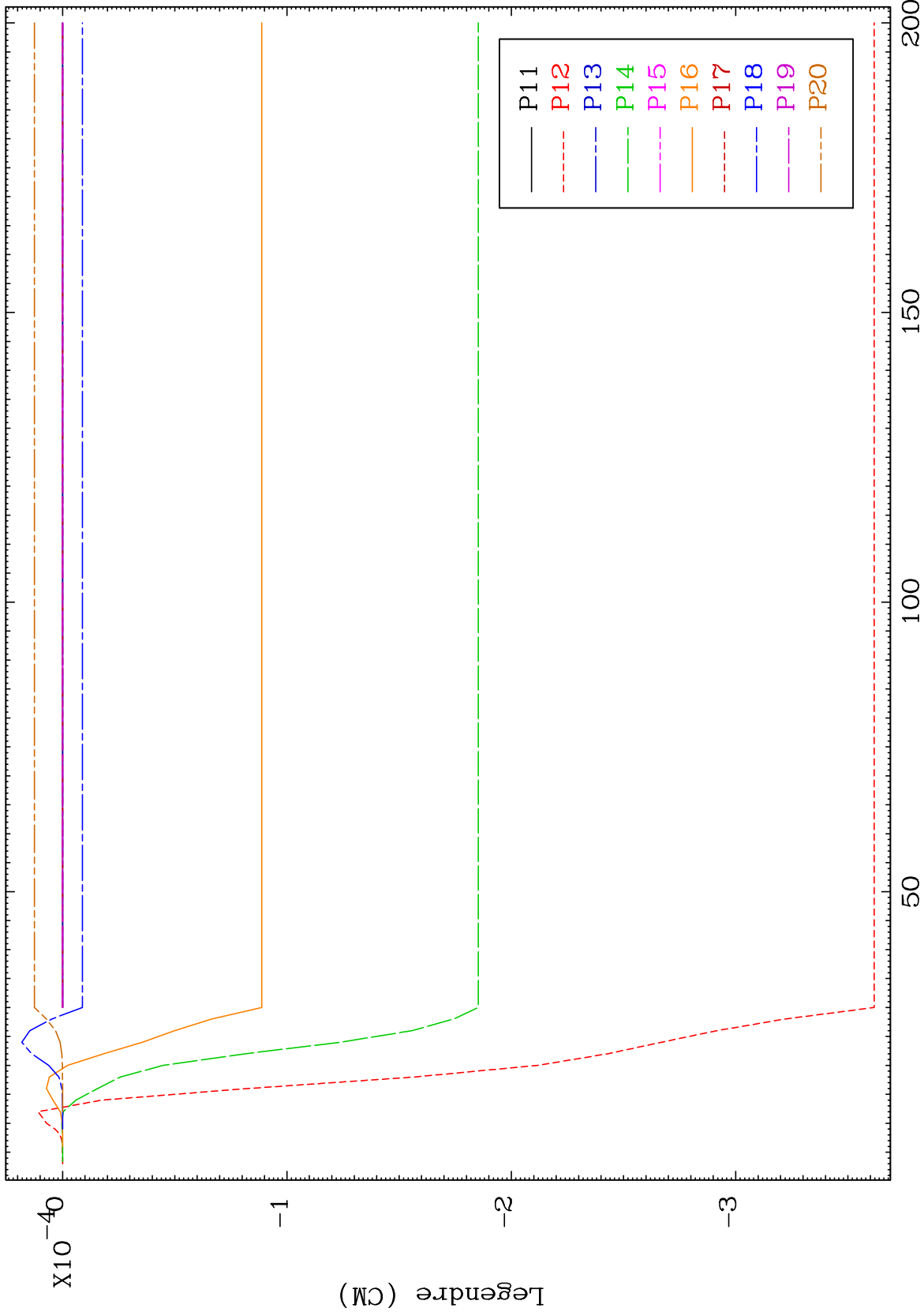


MAT 6652

MT= 65 (n,n') Level

66-Dy-165

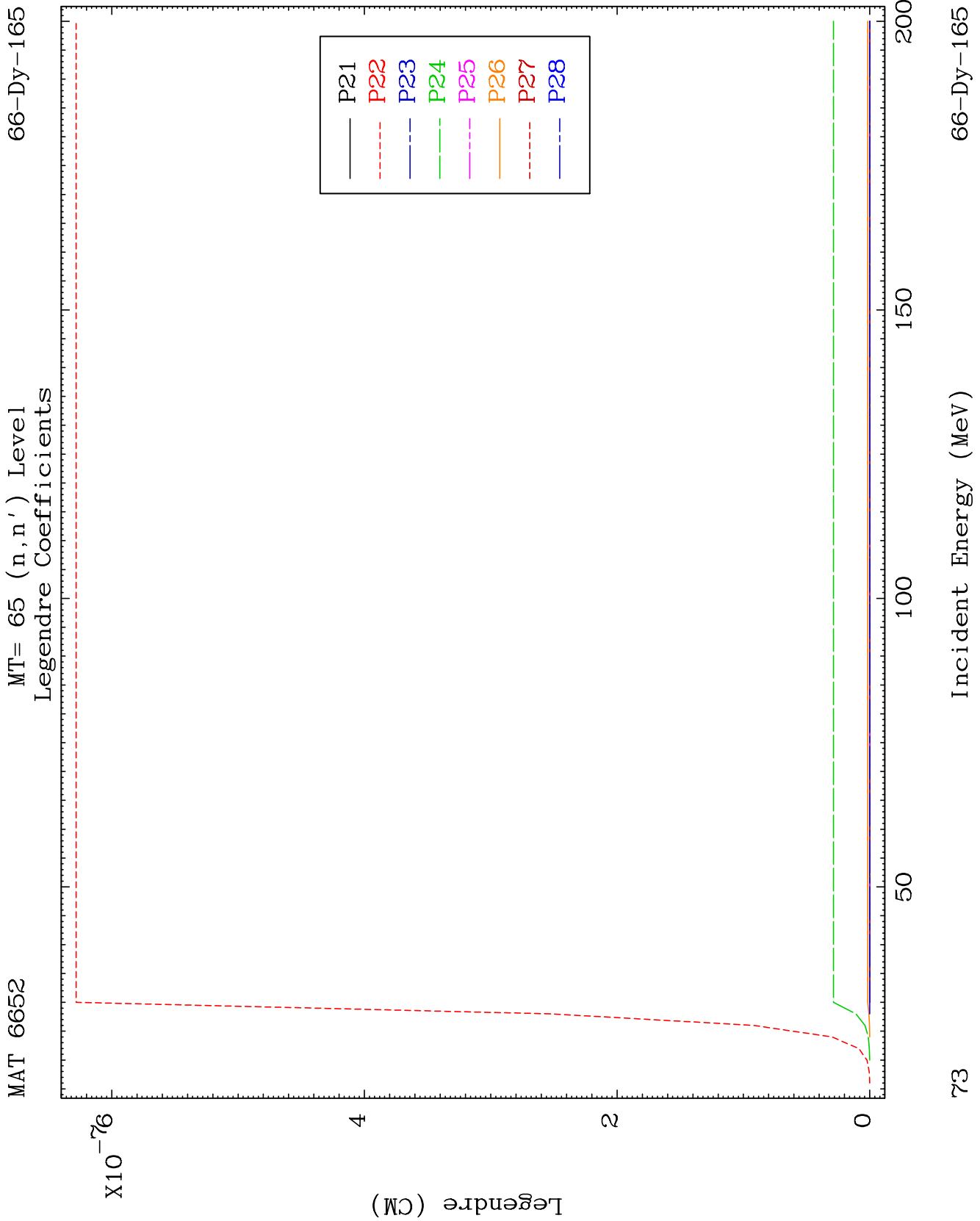
Legendre Coefficients



72

Incident Energy (MeV)

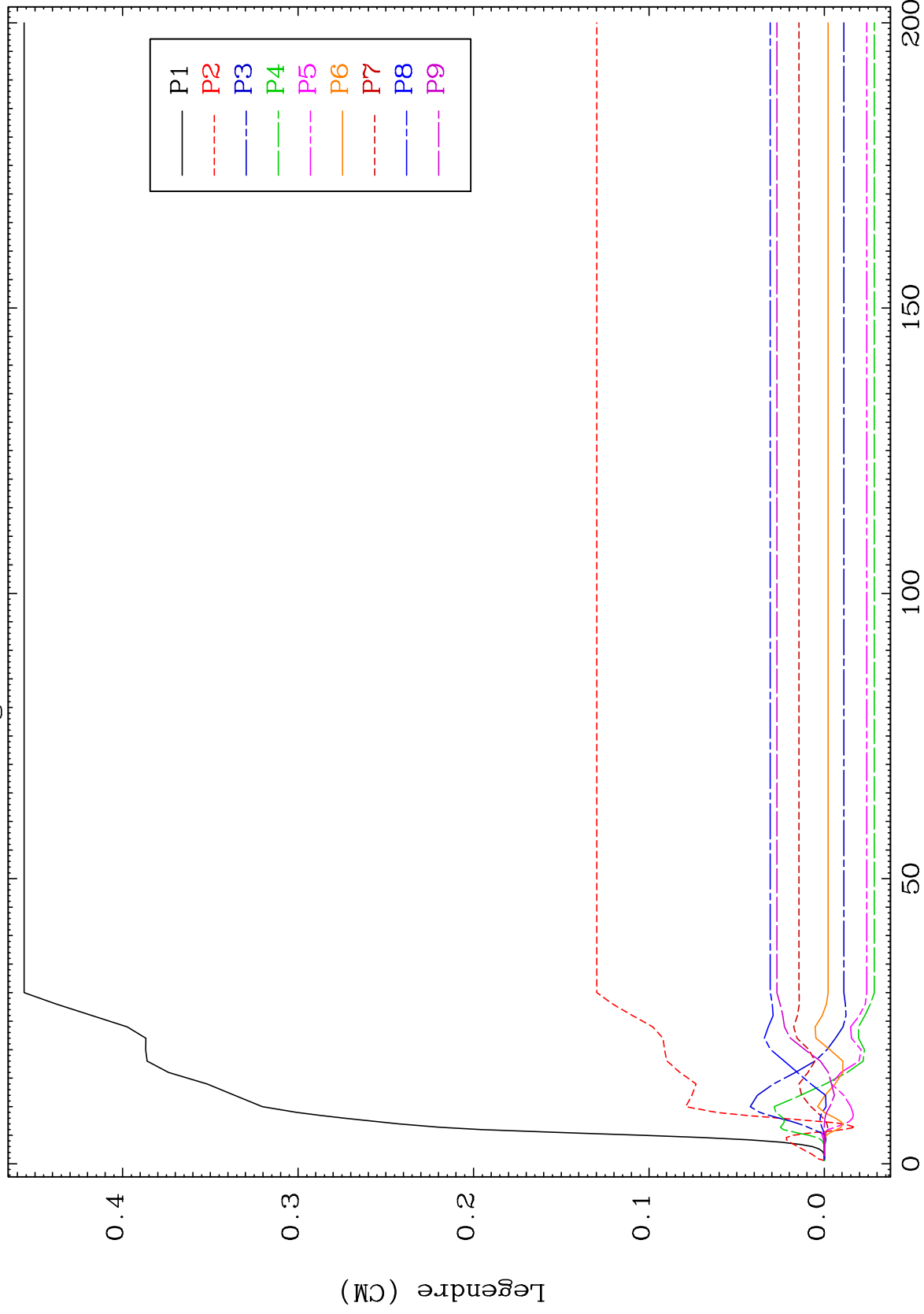
66-Dy-165



MAT 6652

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

66-Dy-165



74

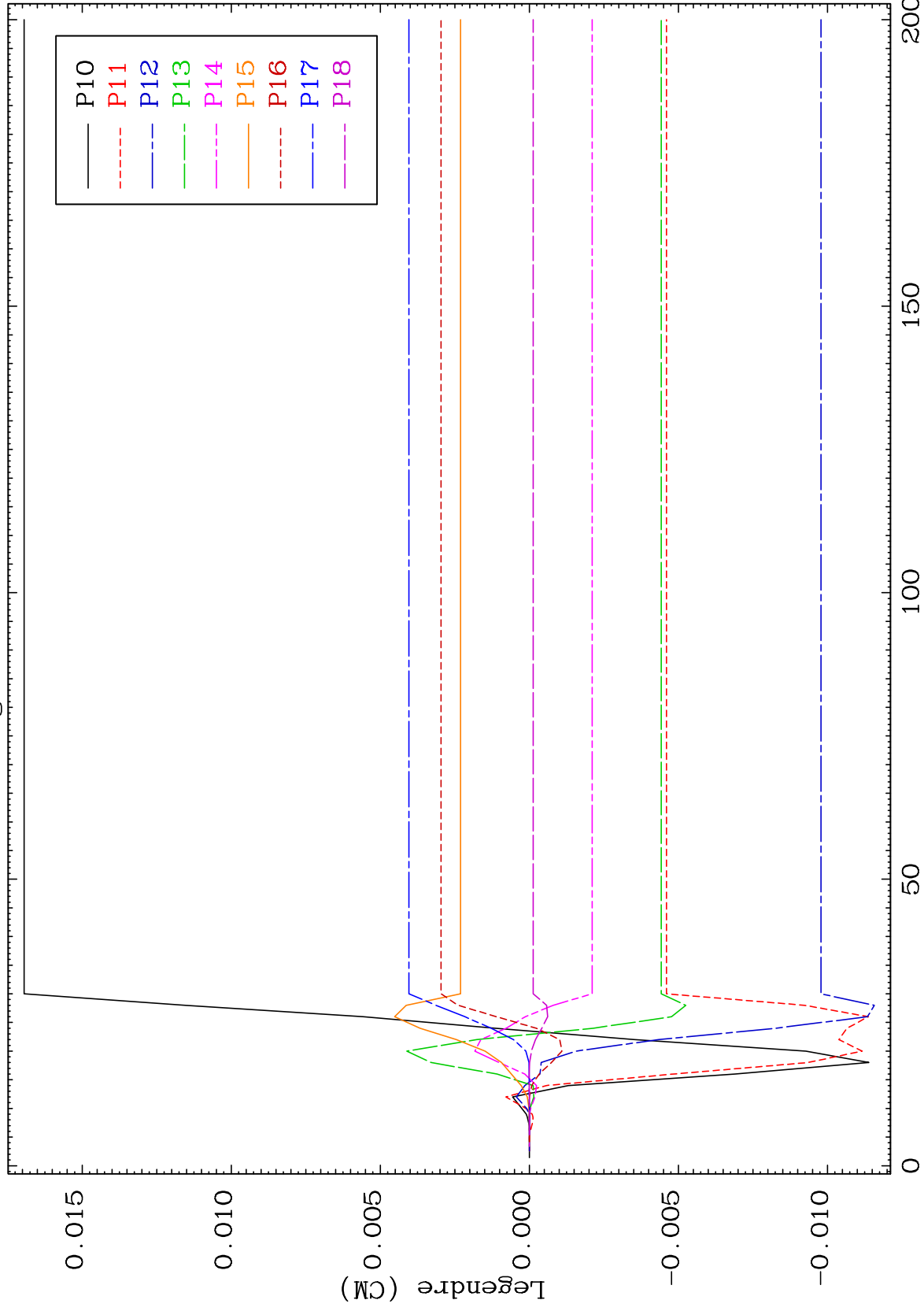
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



75

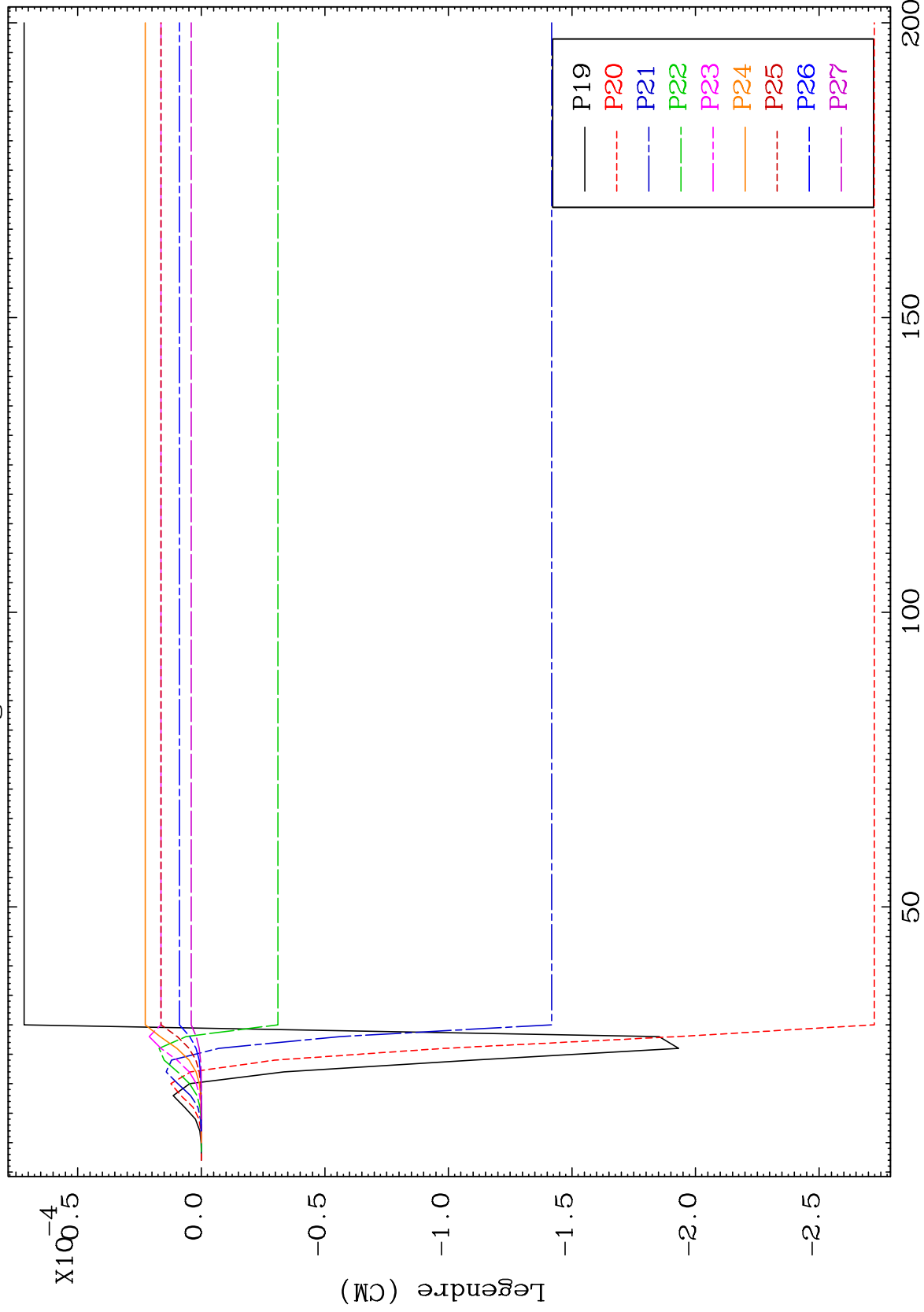
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



76

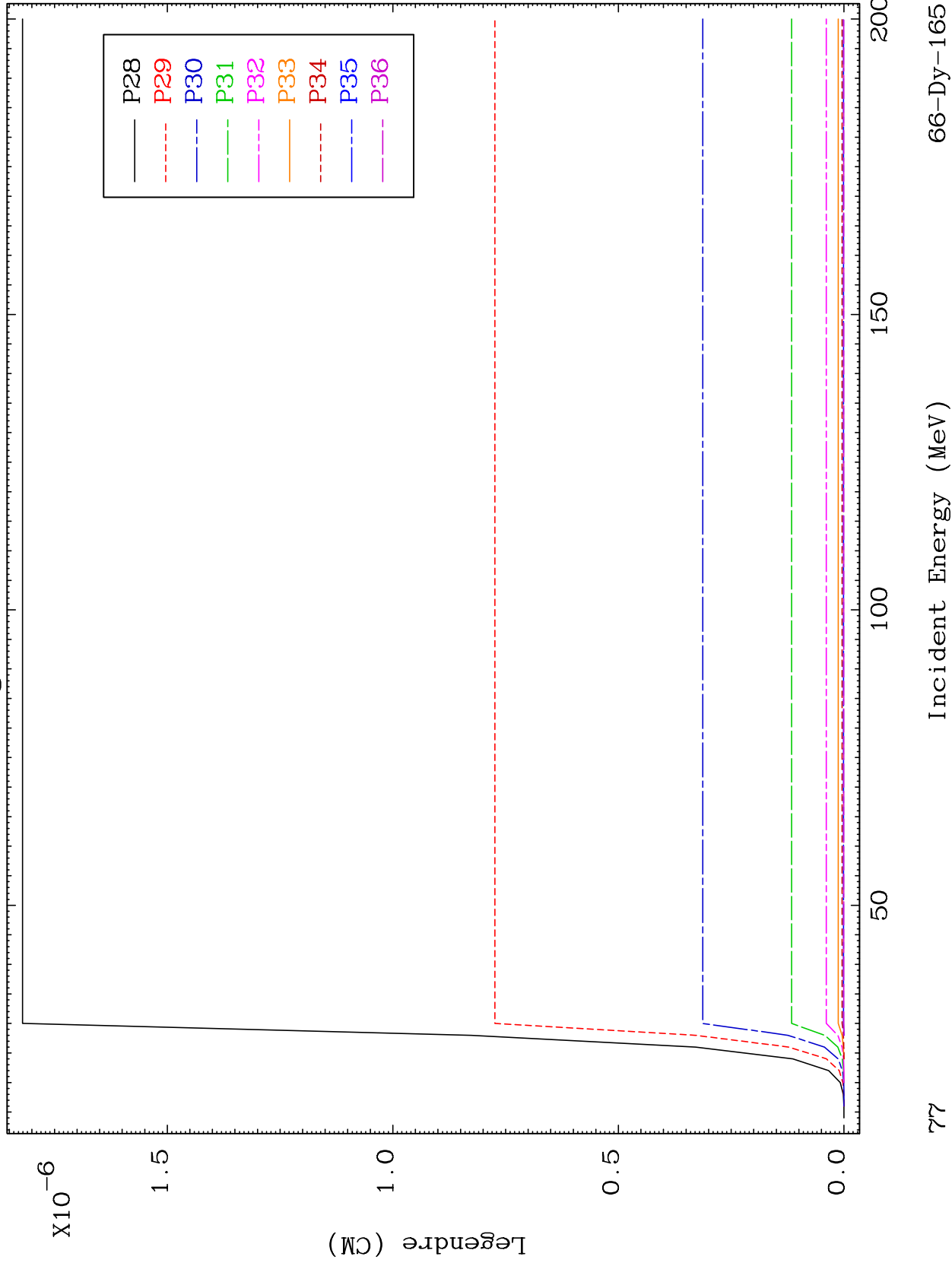
Incident Energy (MeV)

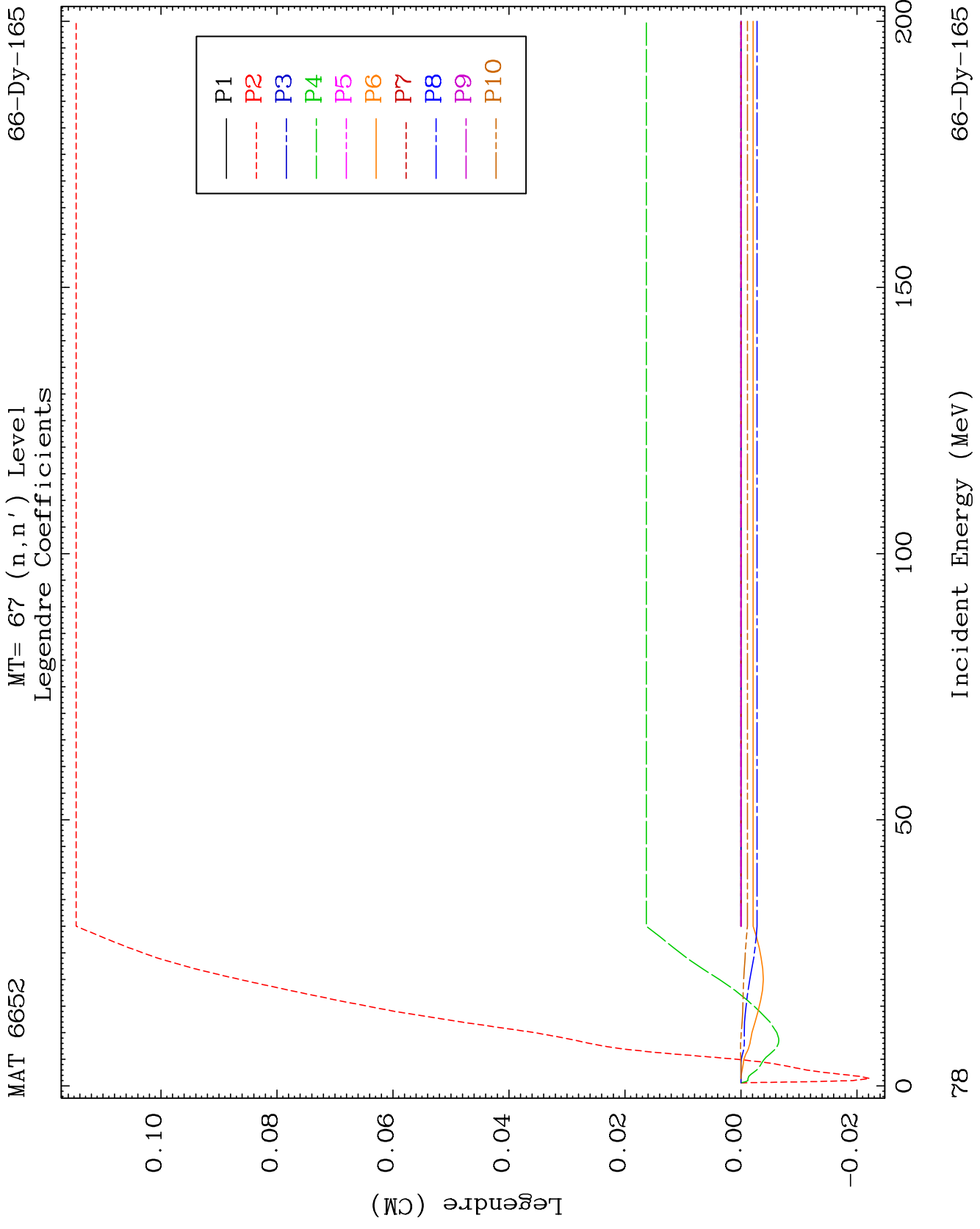
66-Dy-165

MAT 6652

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

66-Dy-165



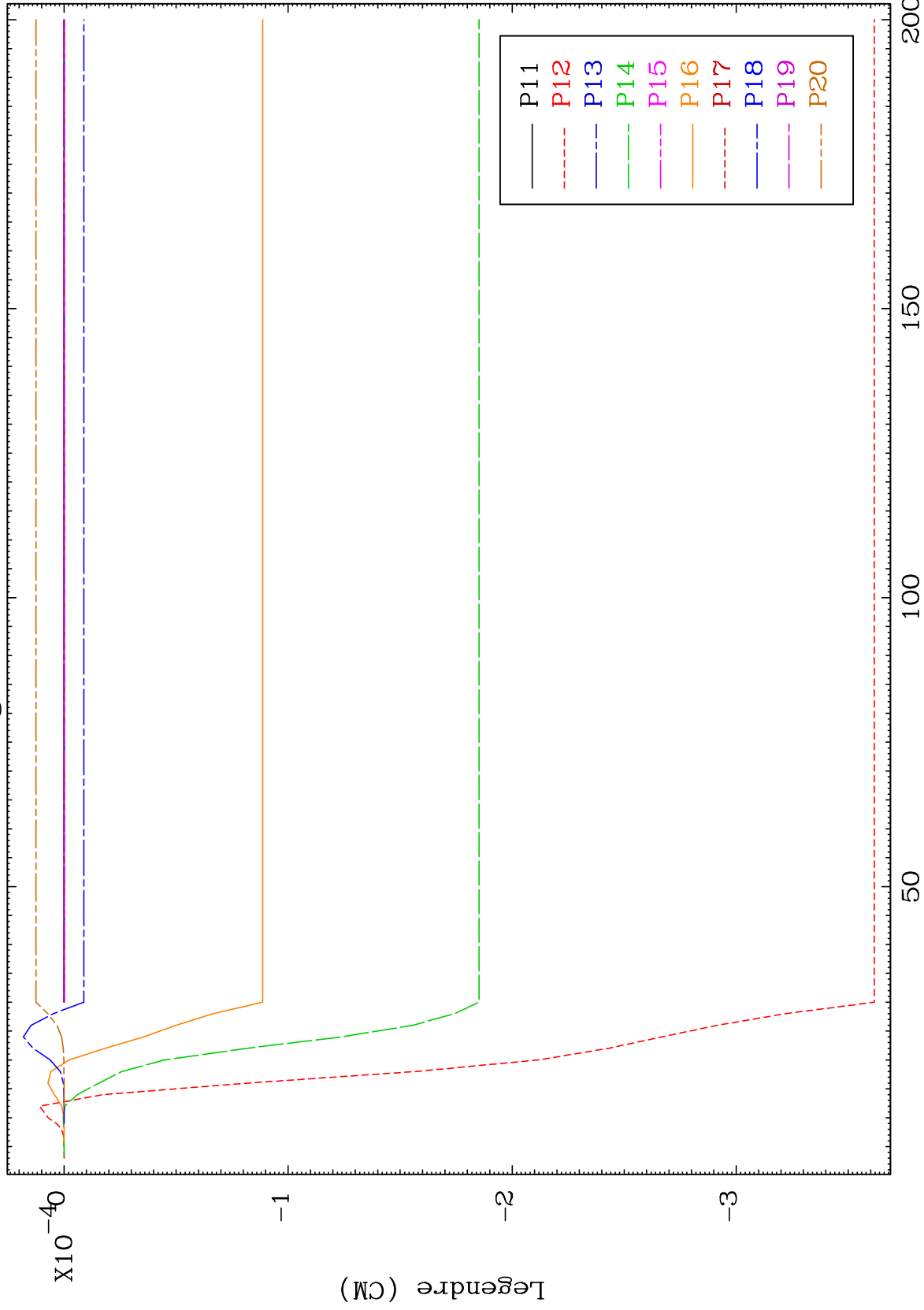


MAT 6652

MT= 67 (n,n') Level

66-Dy-165

Legendre Coefficients

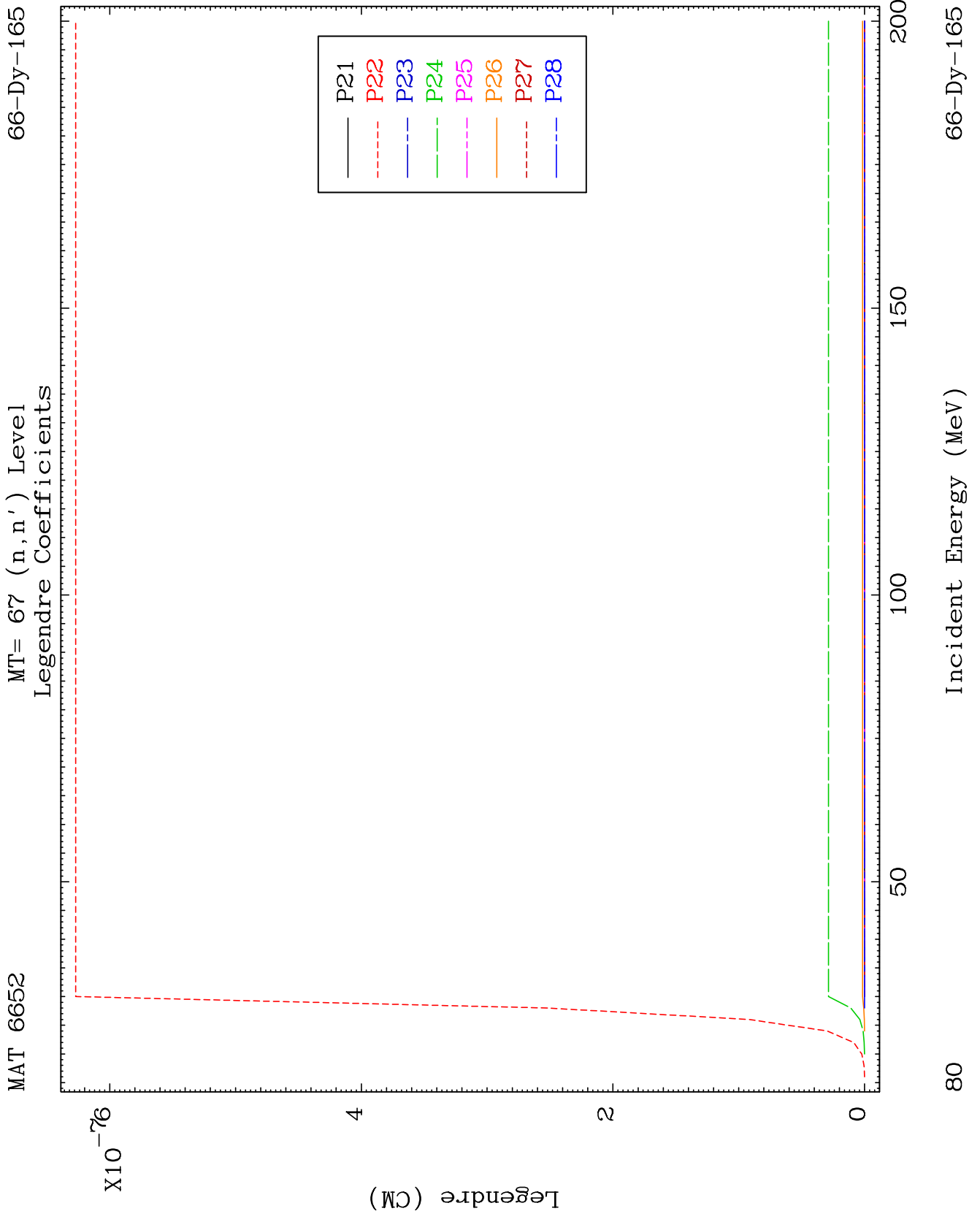


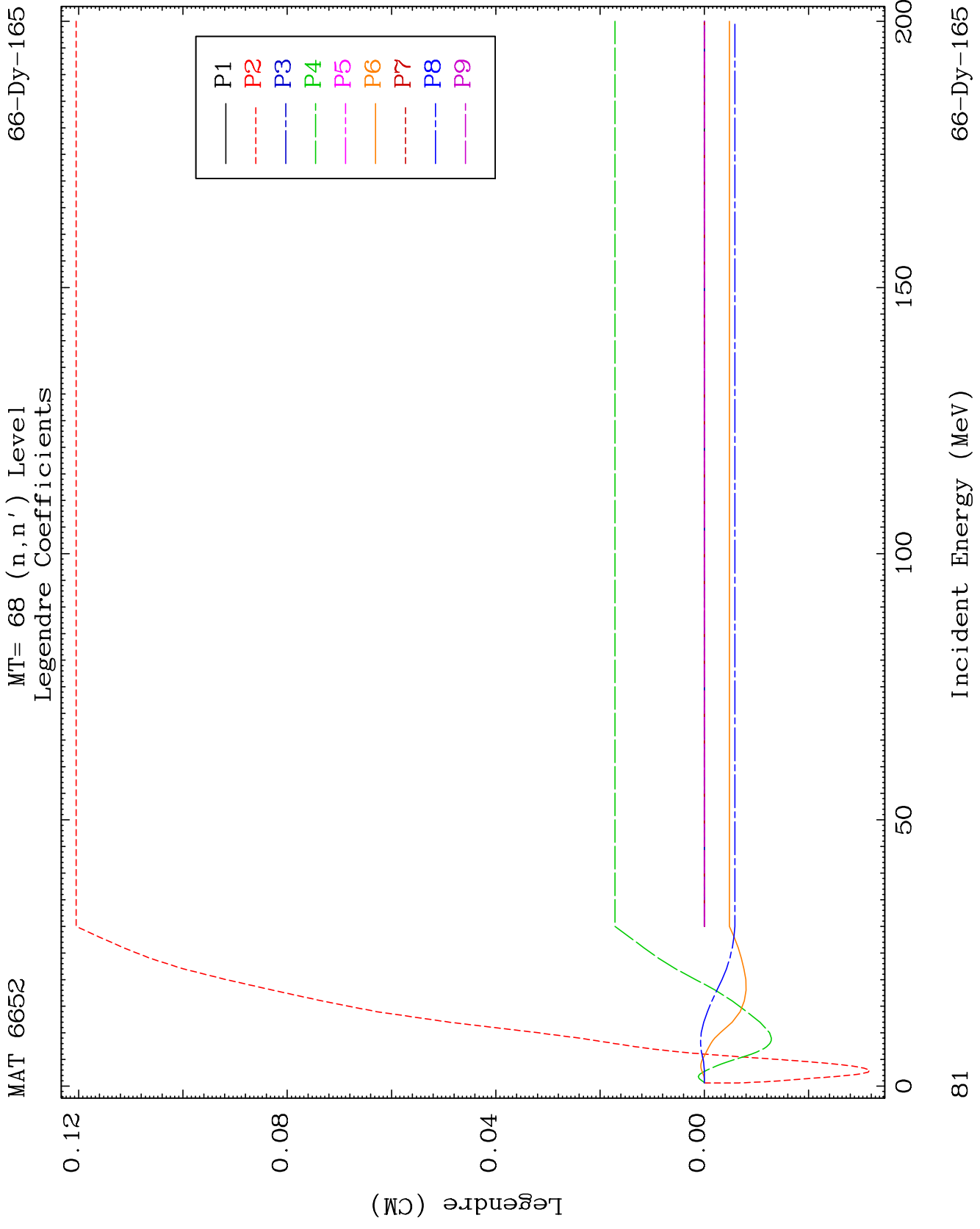
79

Incident Energy (MeV)

66-Dy-165



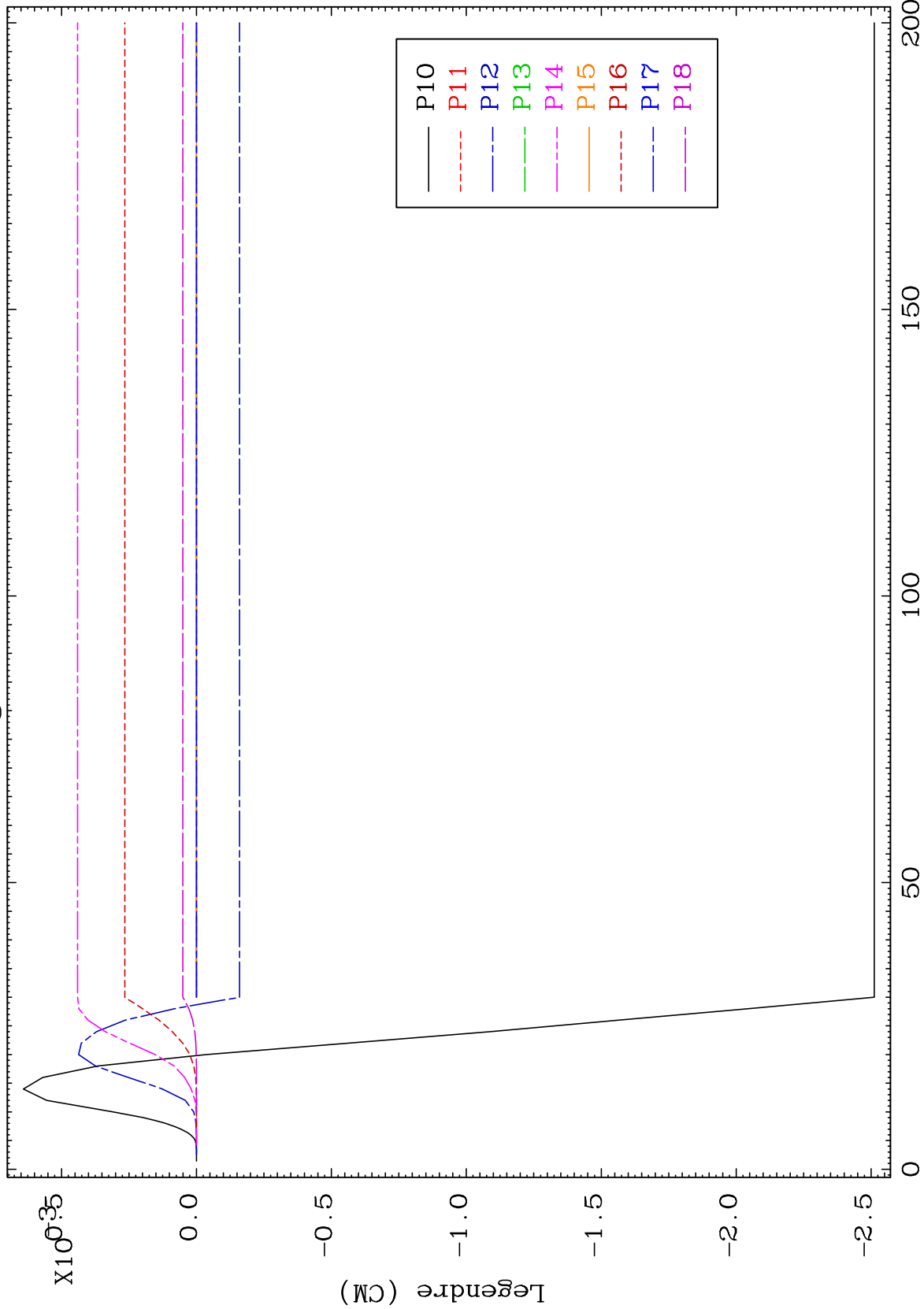




MAT 6652

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

66-Dy-165



82

Incident Energy (MeV)

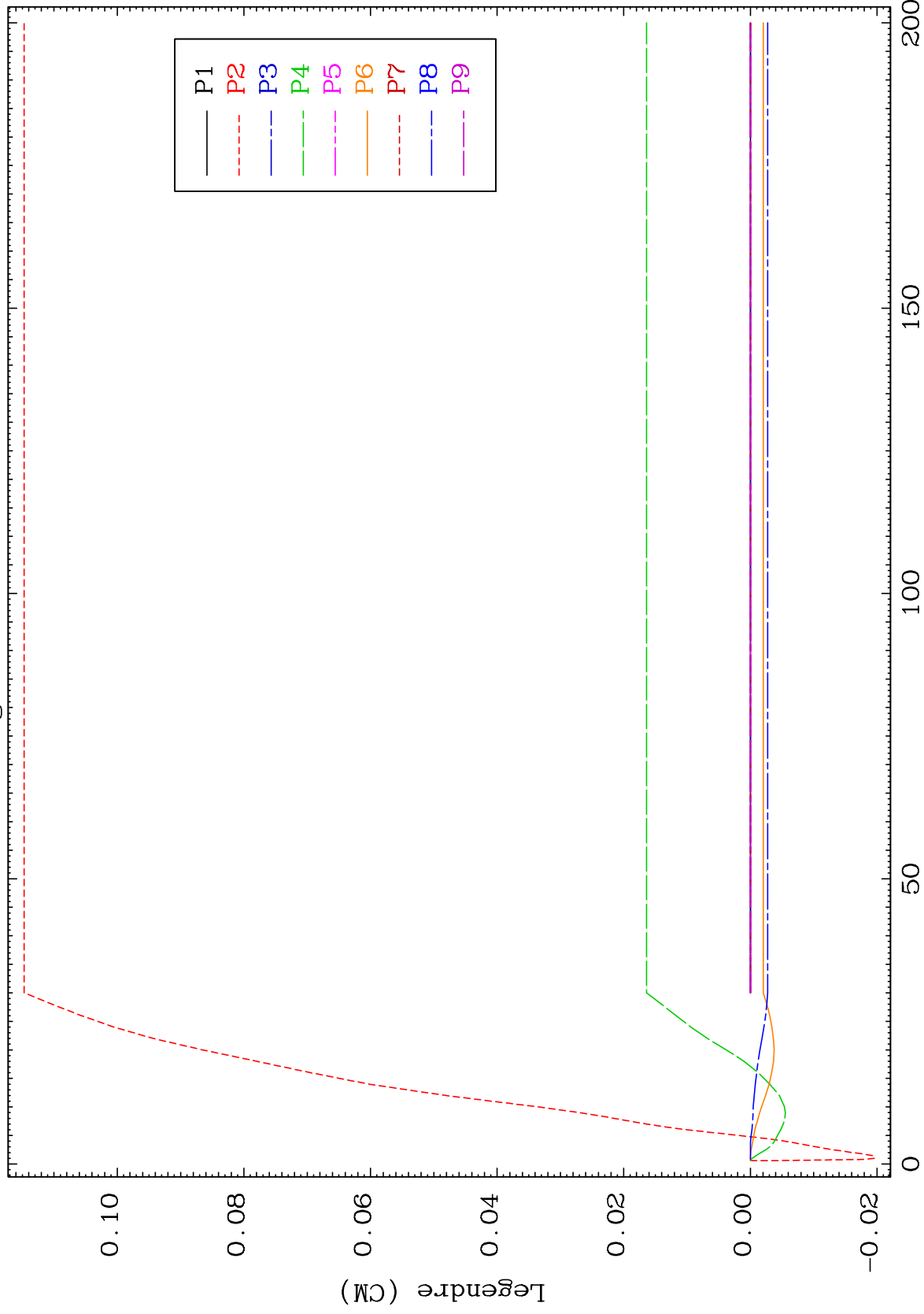
66-Dy-165



MAT 6652

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

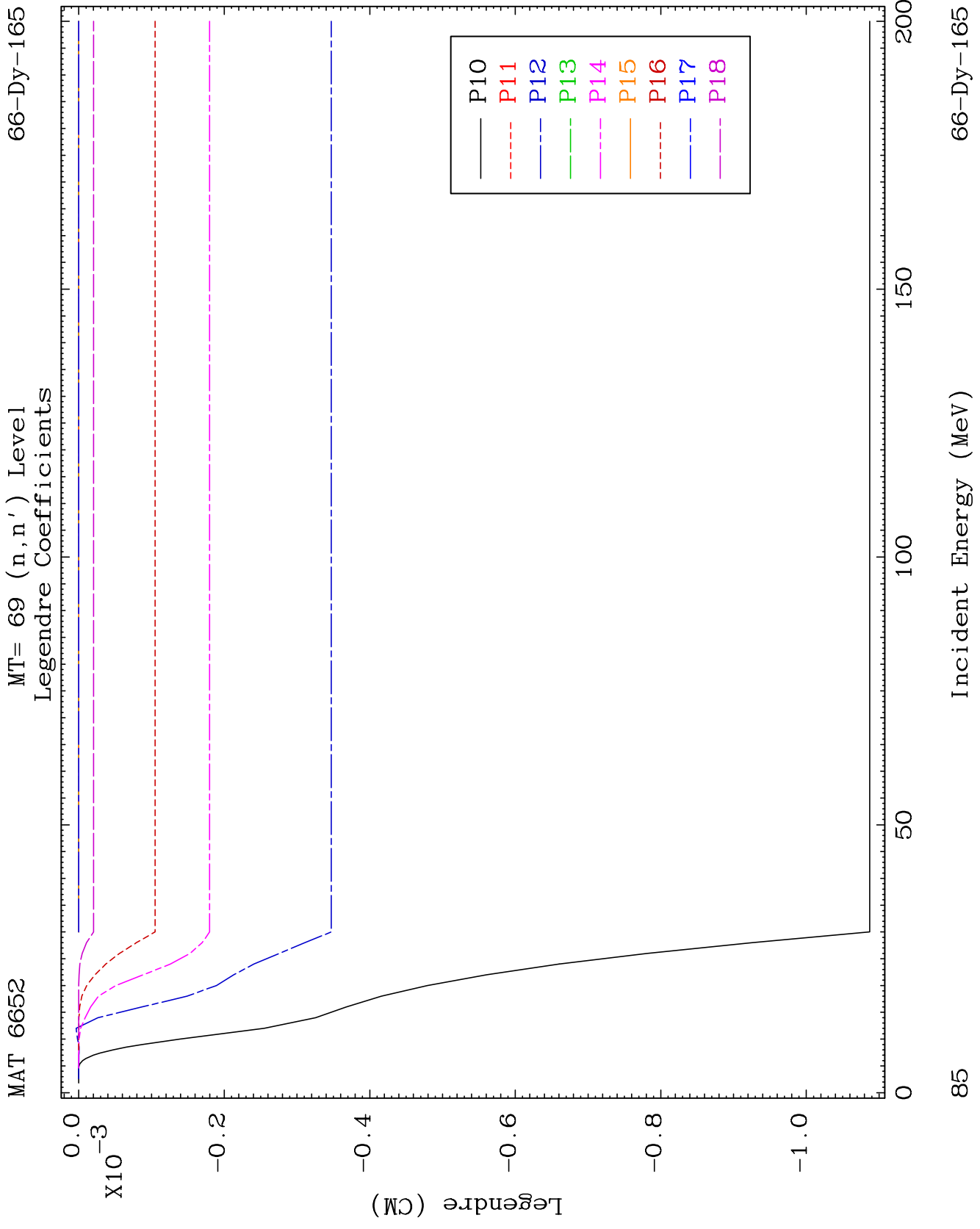
66-Dy-165



84

Incident Energy (MeV)

66-Dy-165

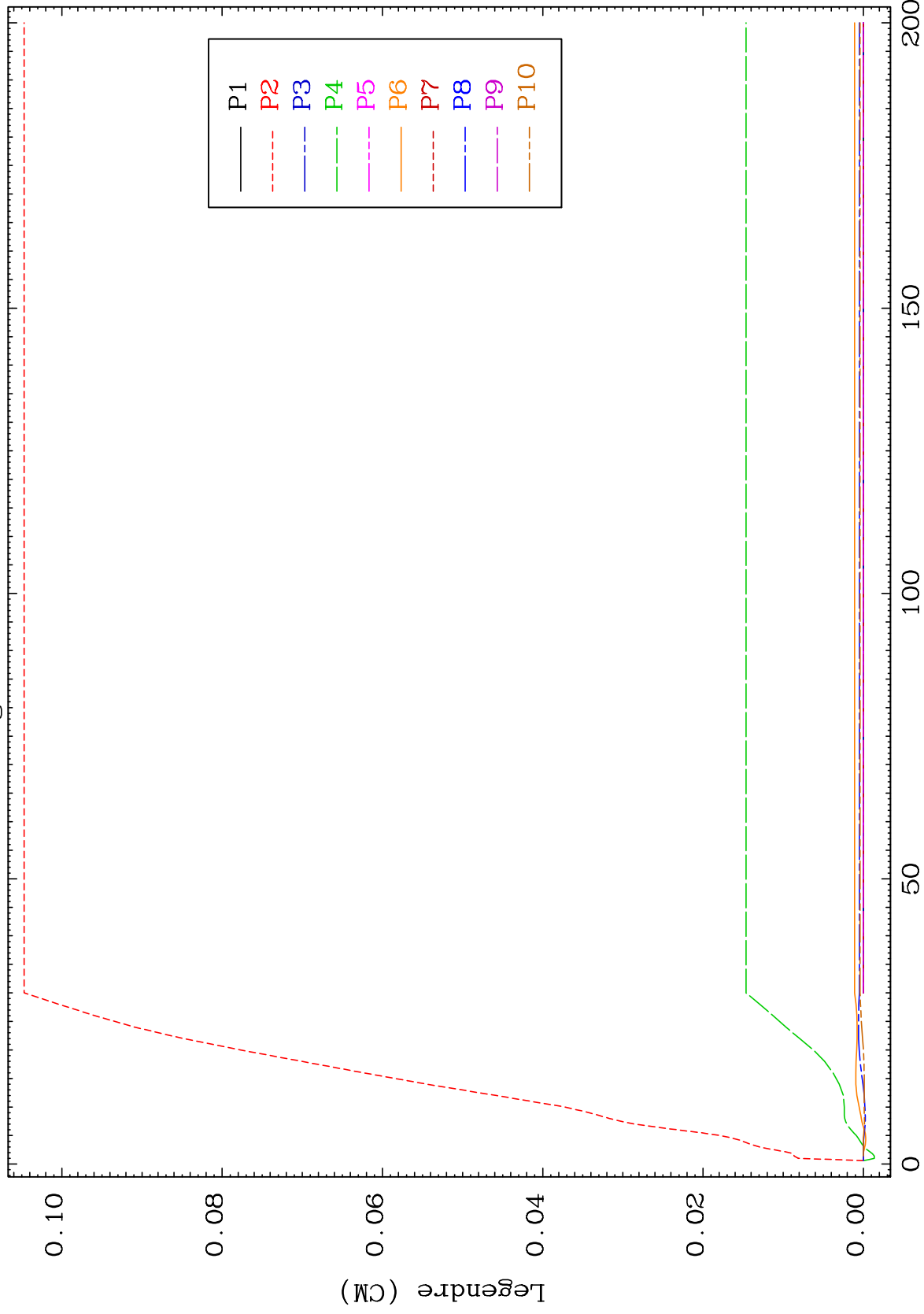




MAT 6652

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

66-Dy-165



66-Dy-165

Incident Energy (MeV)

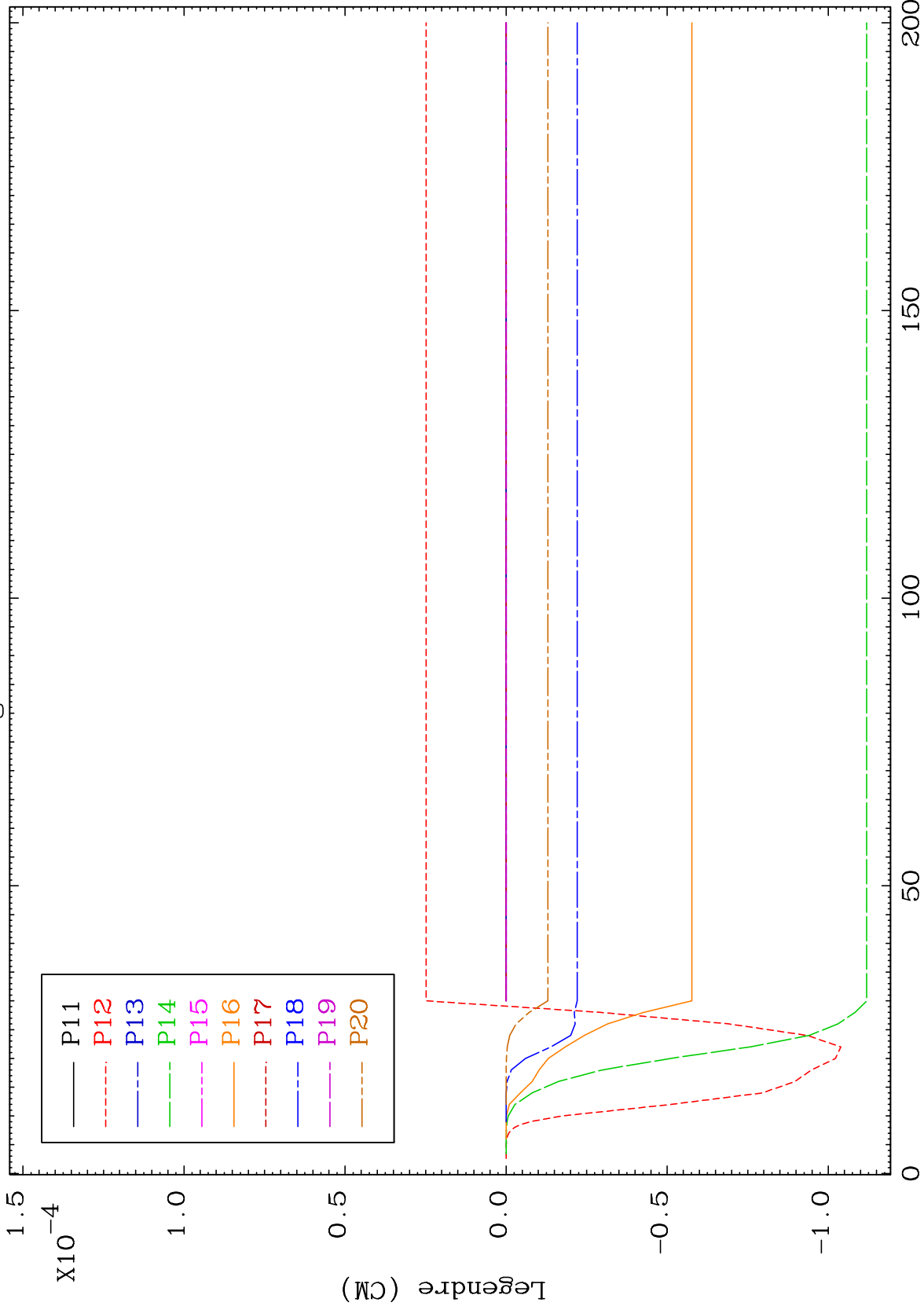
87



MAT 6652

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

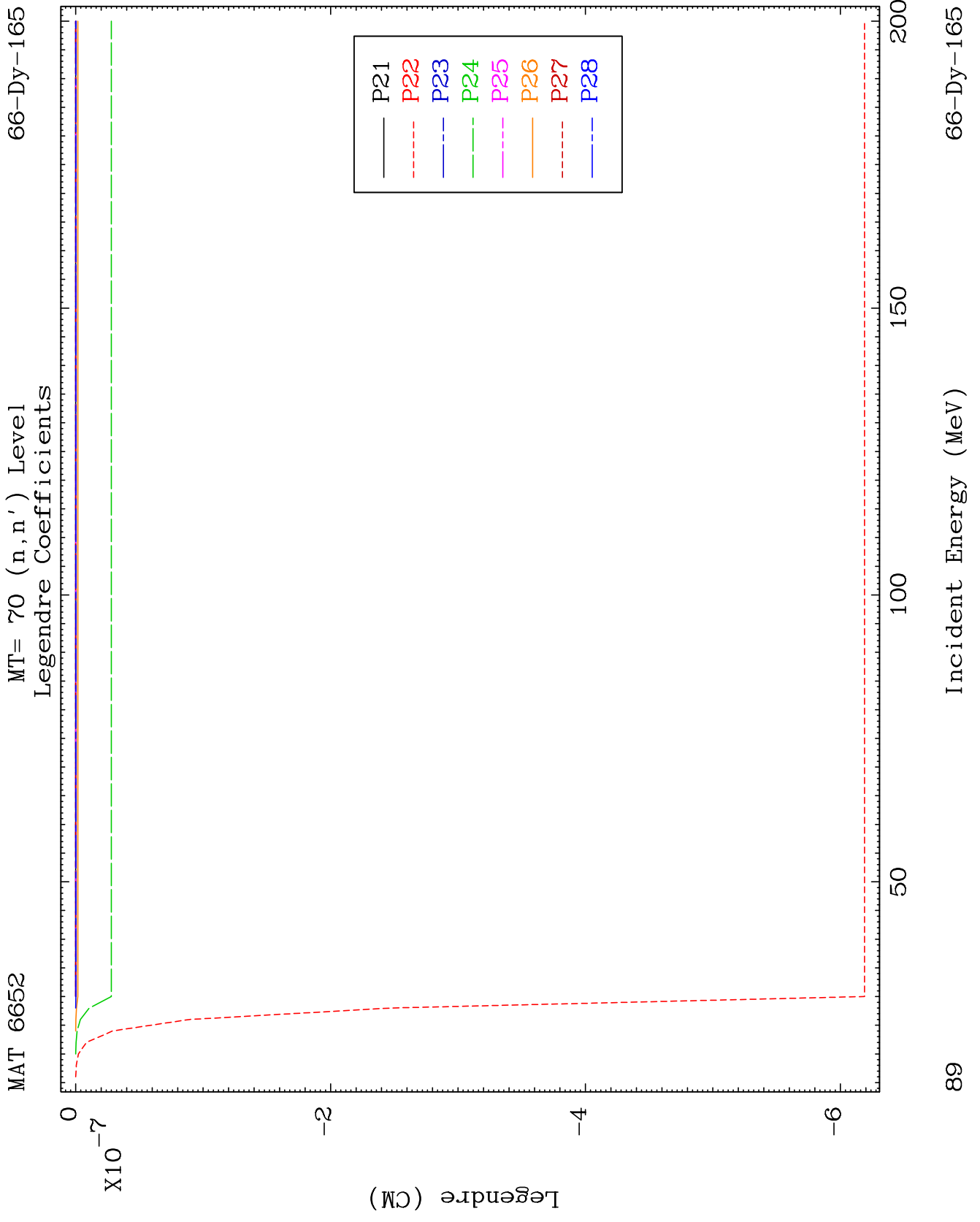
66-Dy-165

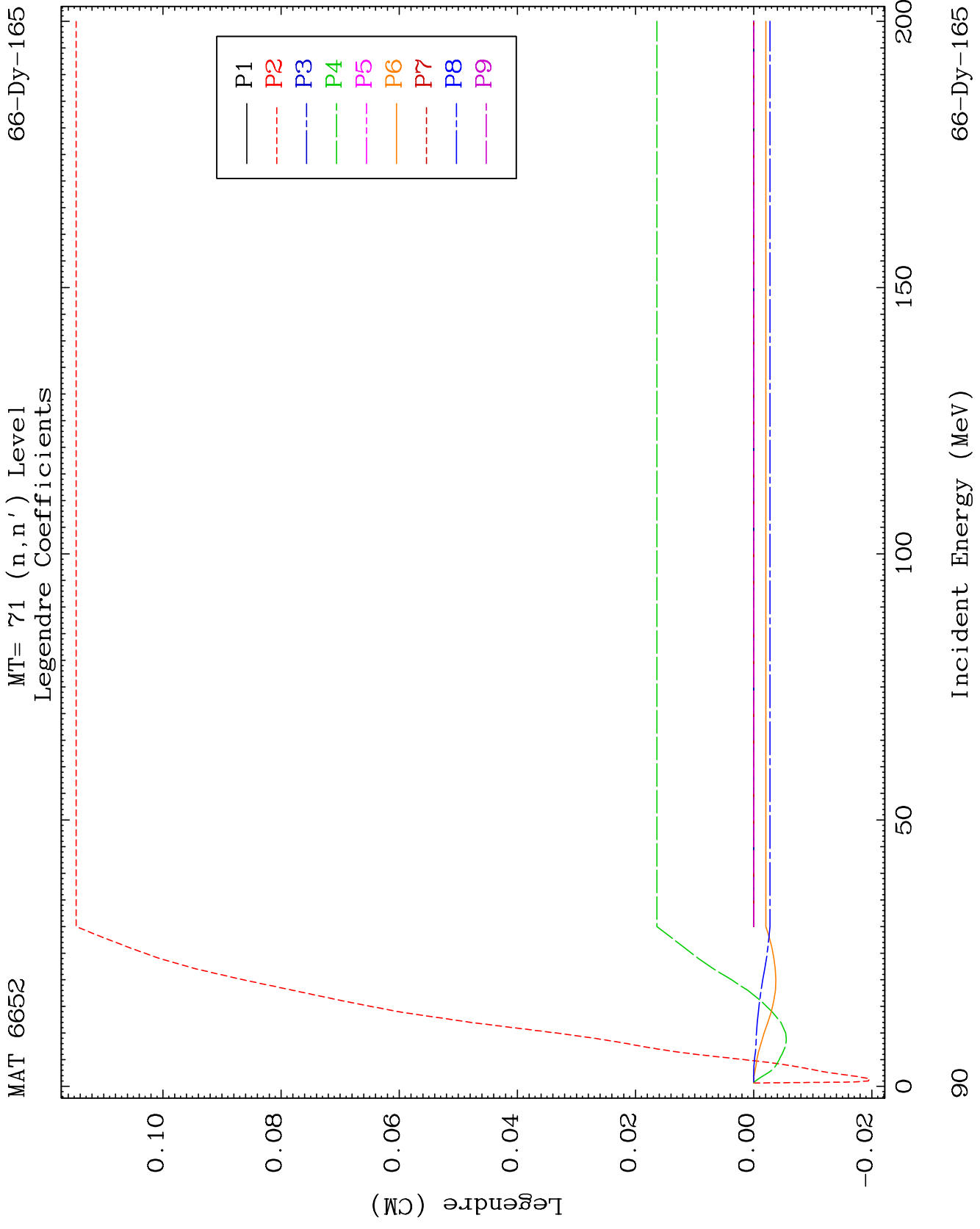


88

66-Dy-165

66-Dy-165

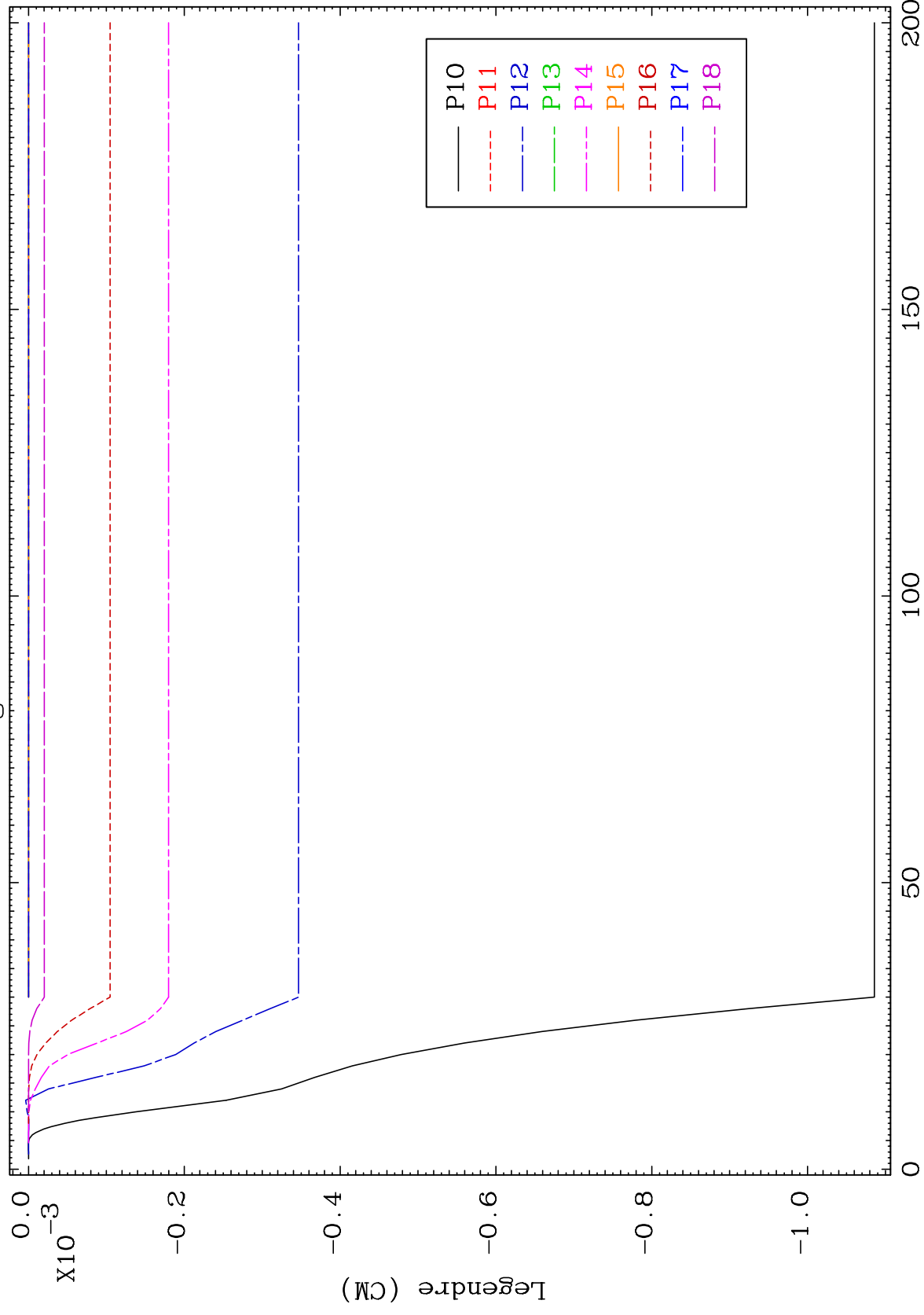




MAT 6652

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

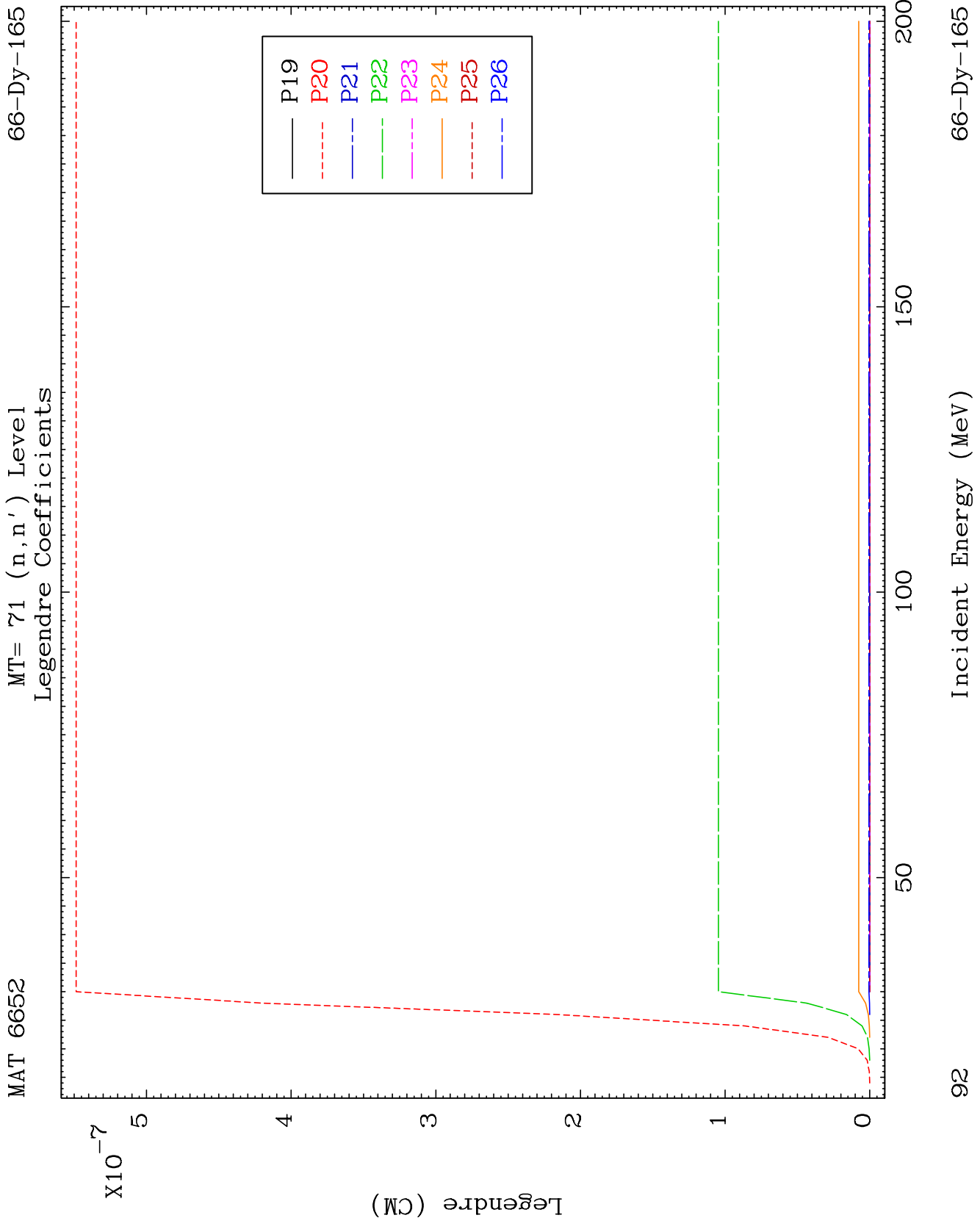
66-Dy-165



91

Incident Energy (MeV)

66-Dy-165

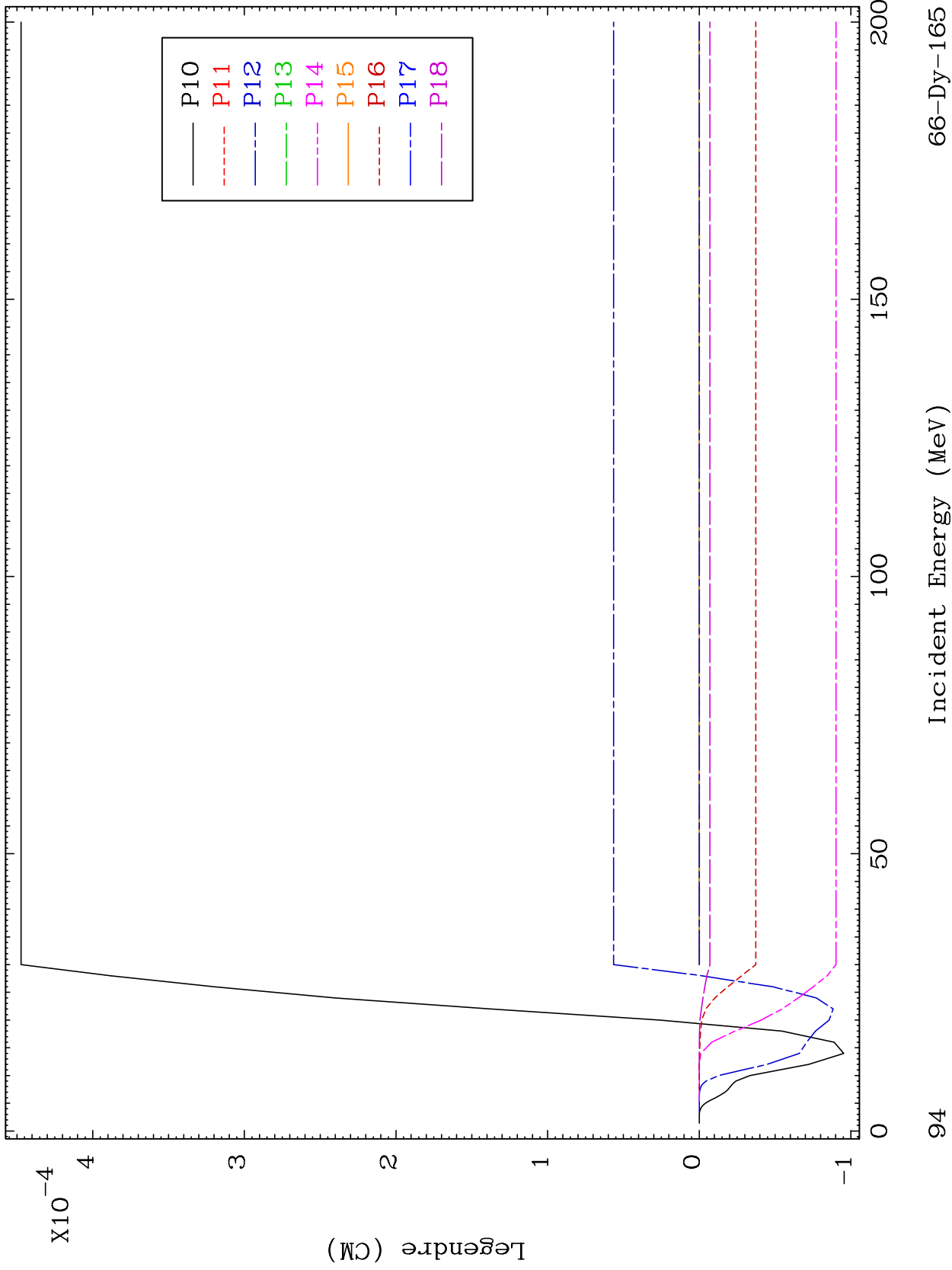




MAT 6652

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

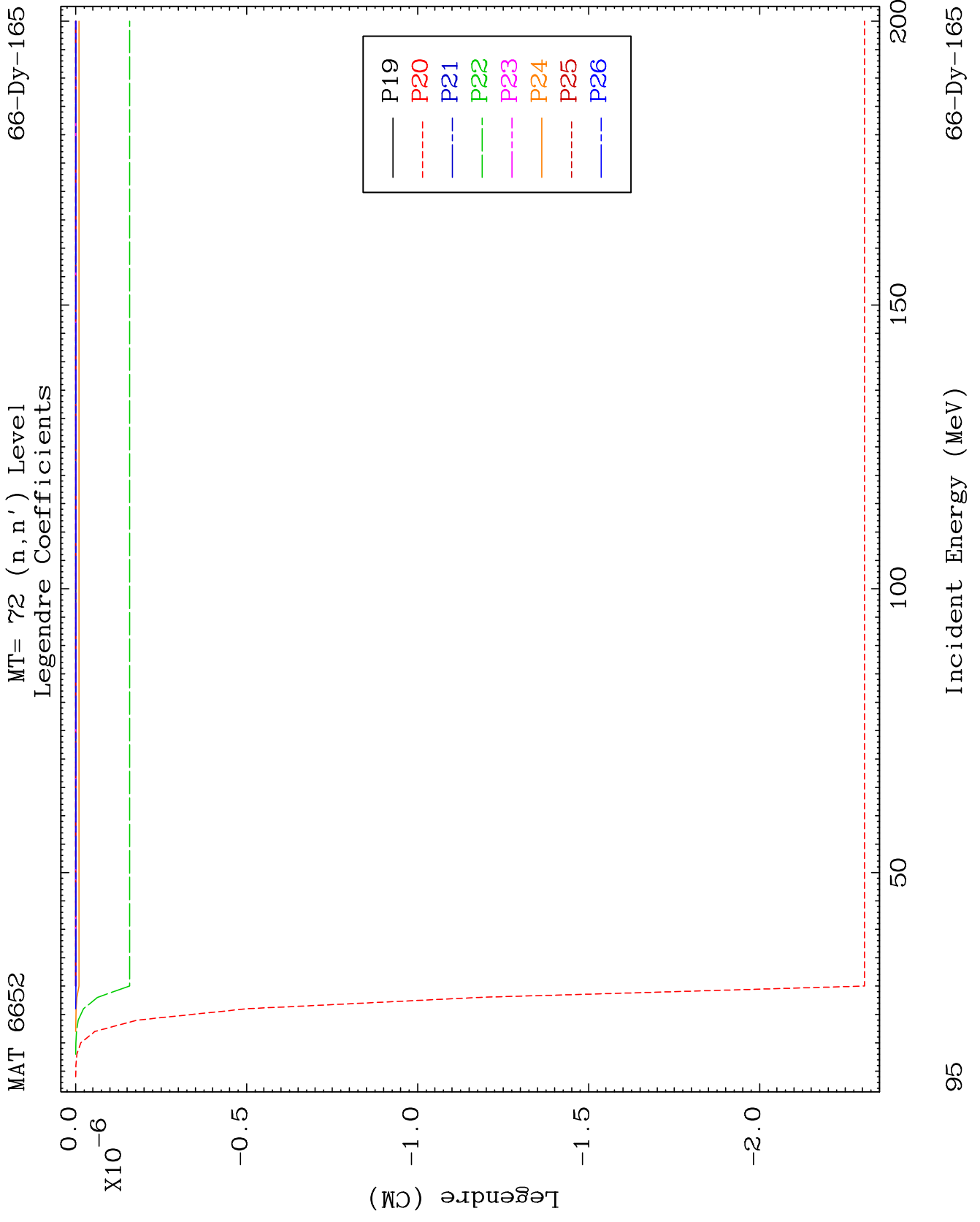
66-Dy-165



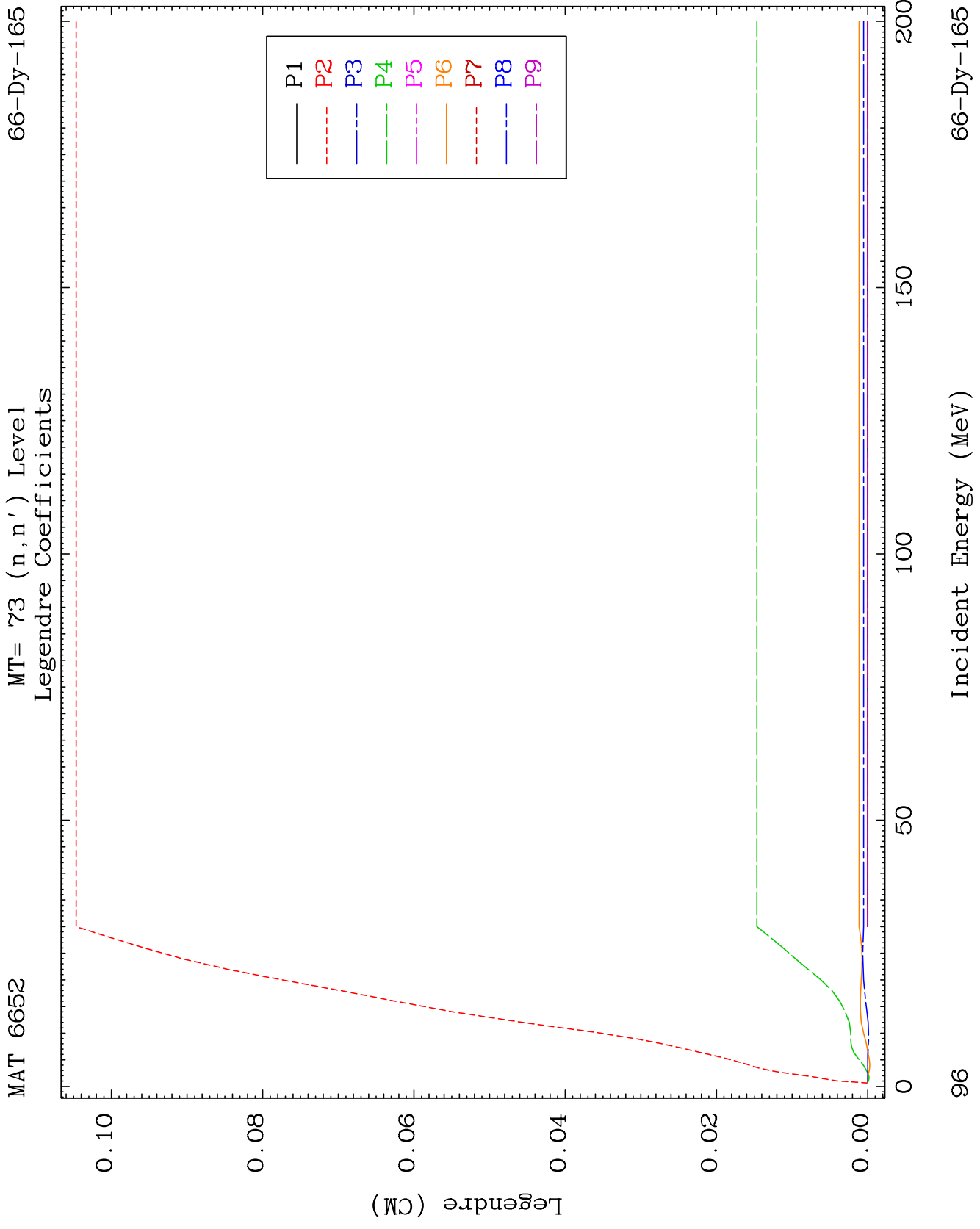
94

Incident Energy (MeV)

66-Dy-165



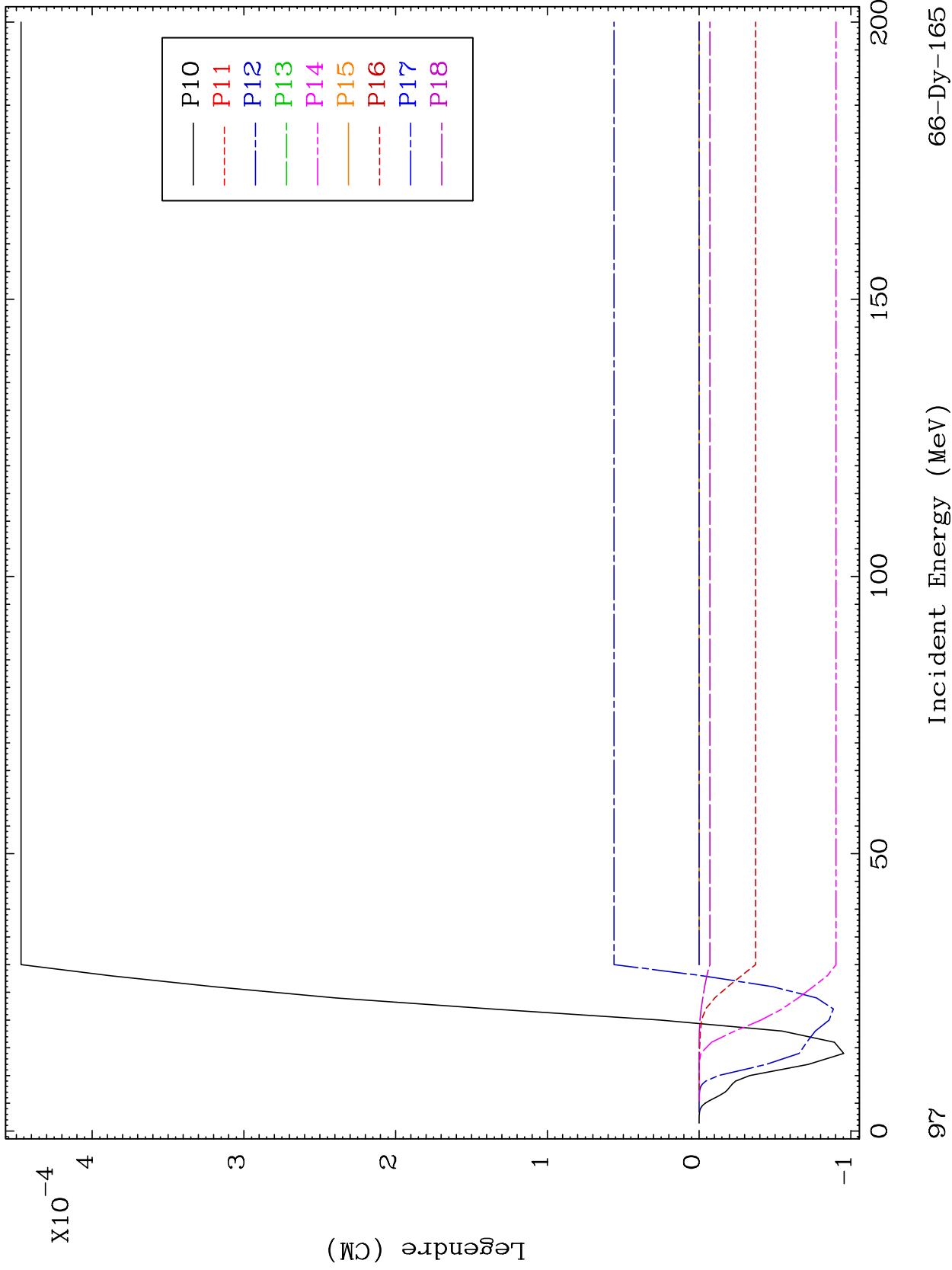


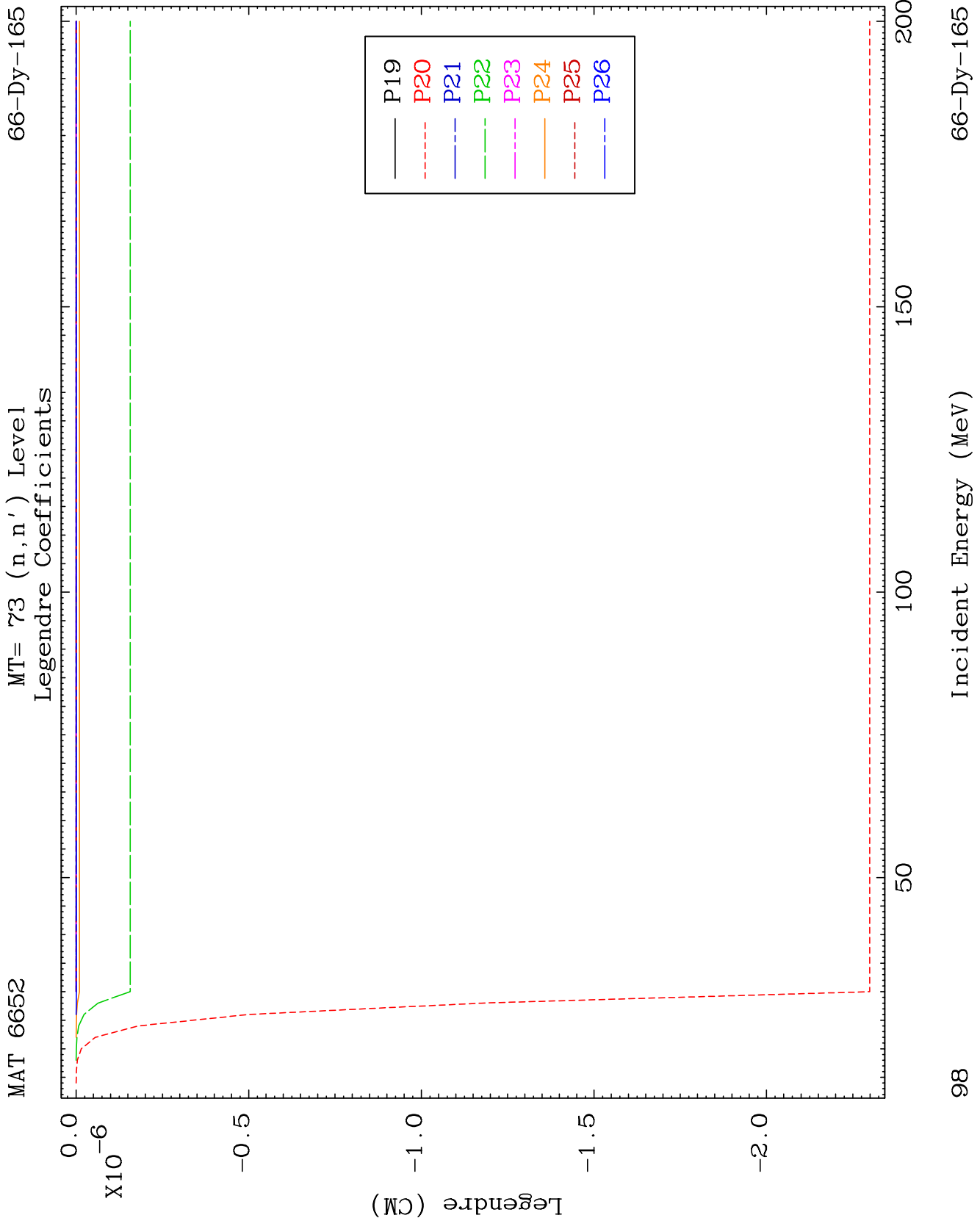


MAT 6652

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

66-Dy-165



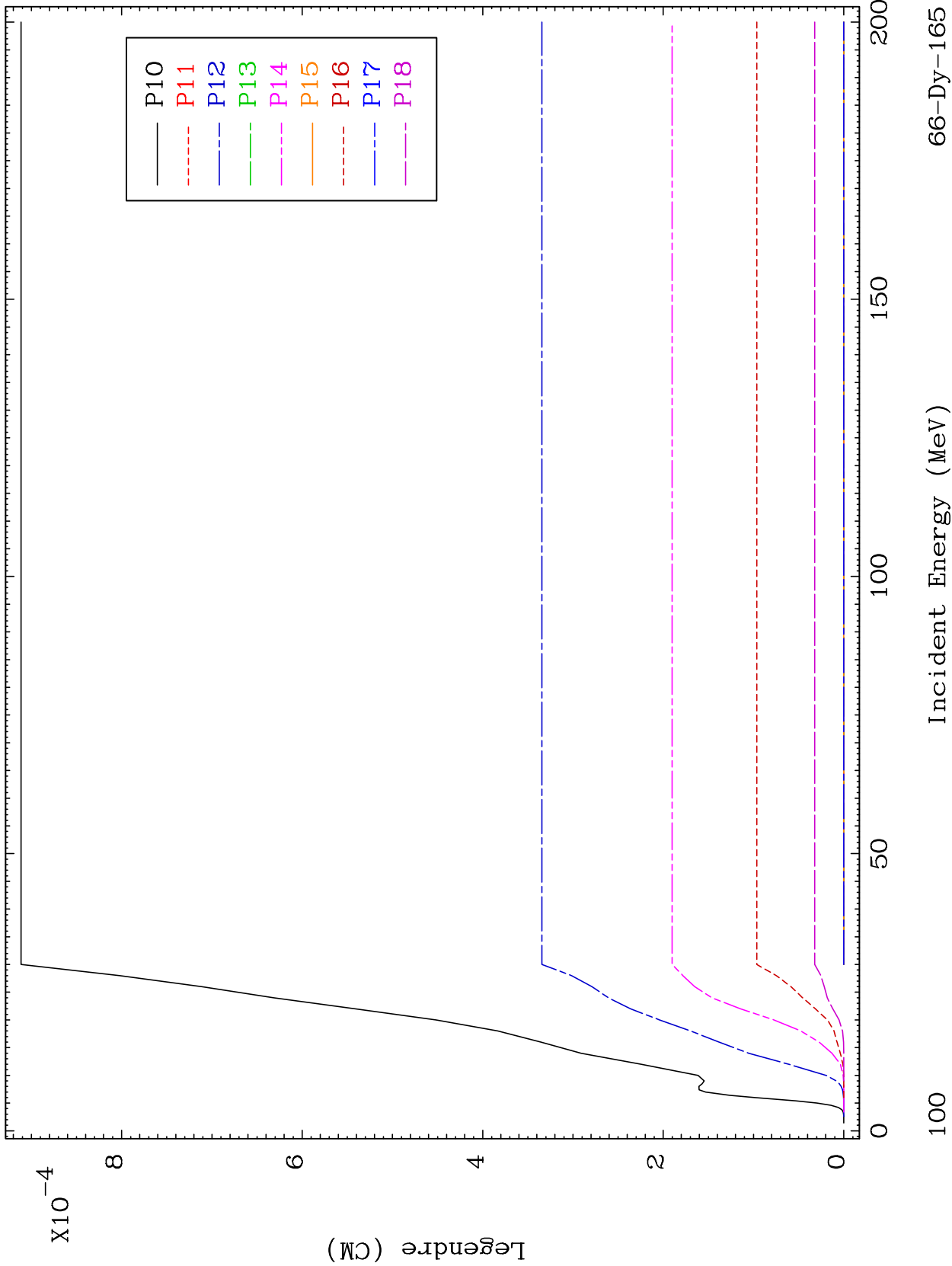




MAT 6652

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

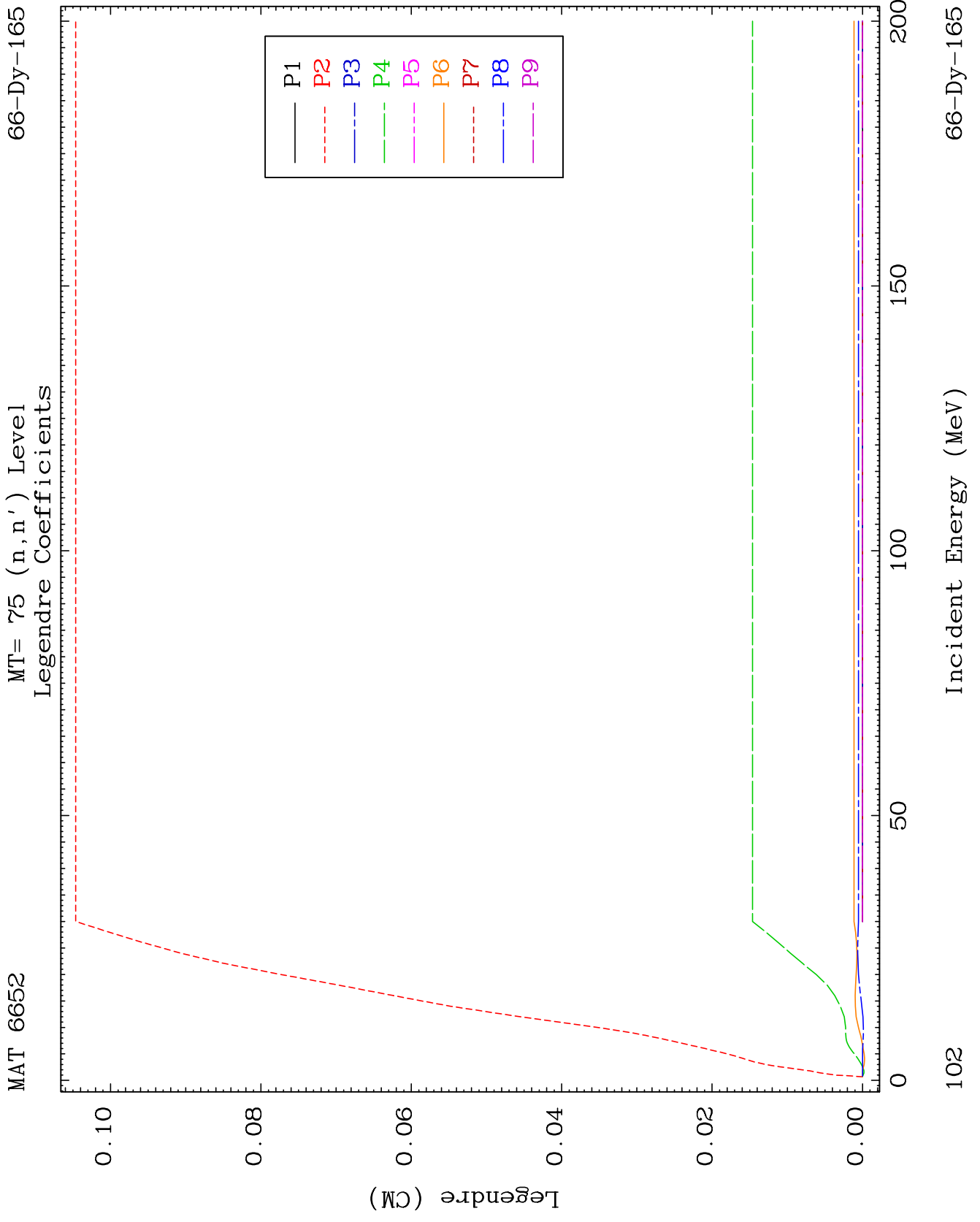
66-Dy-165



66-Dy-165

Incident Energy (MeV)

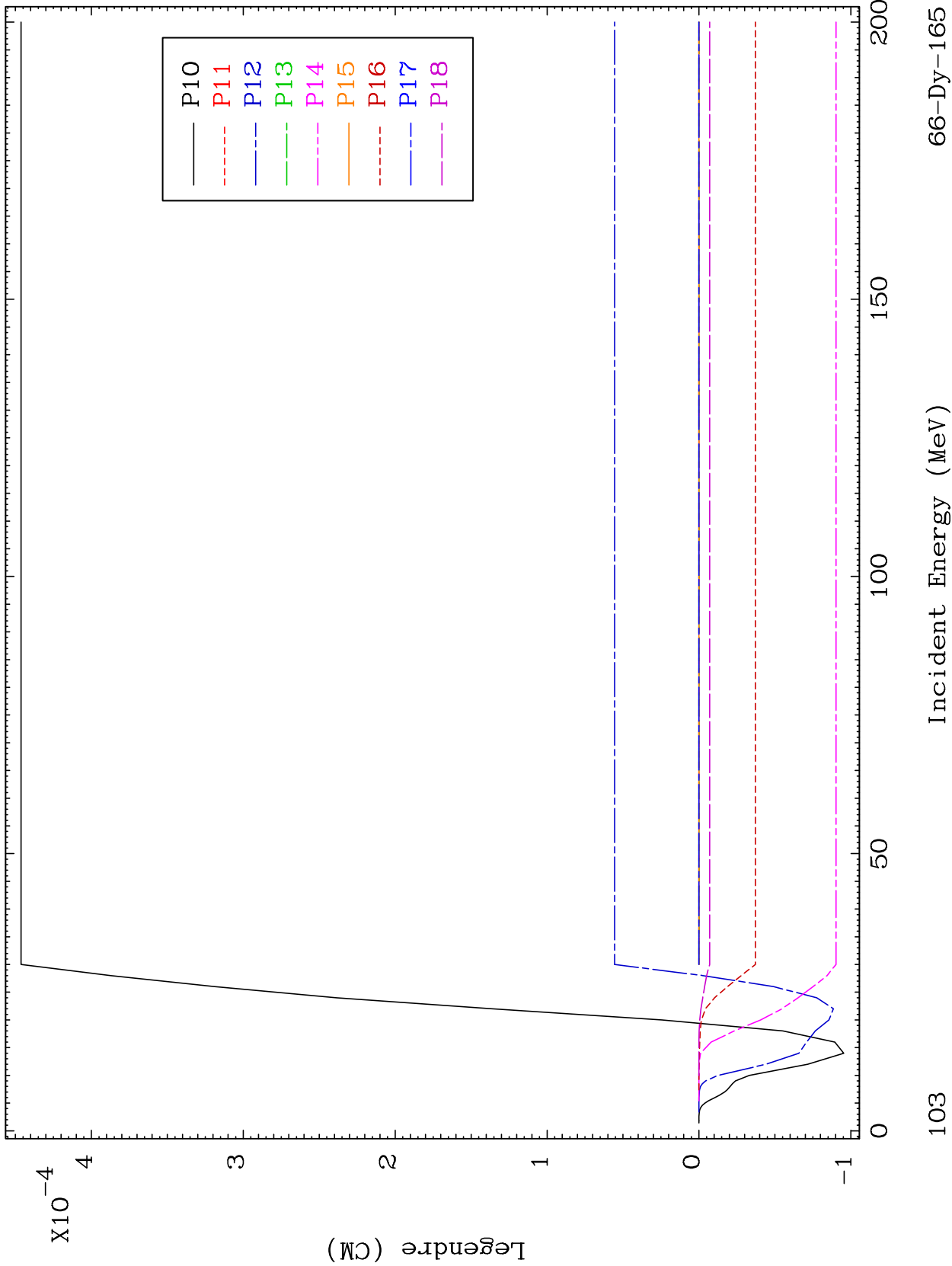




MAT 6652

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

66-Dy-165

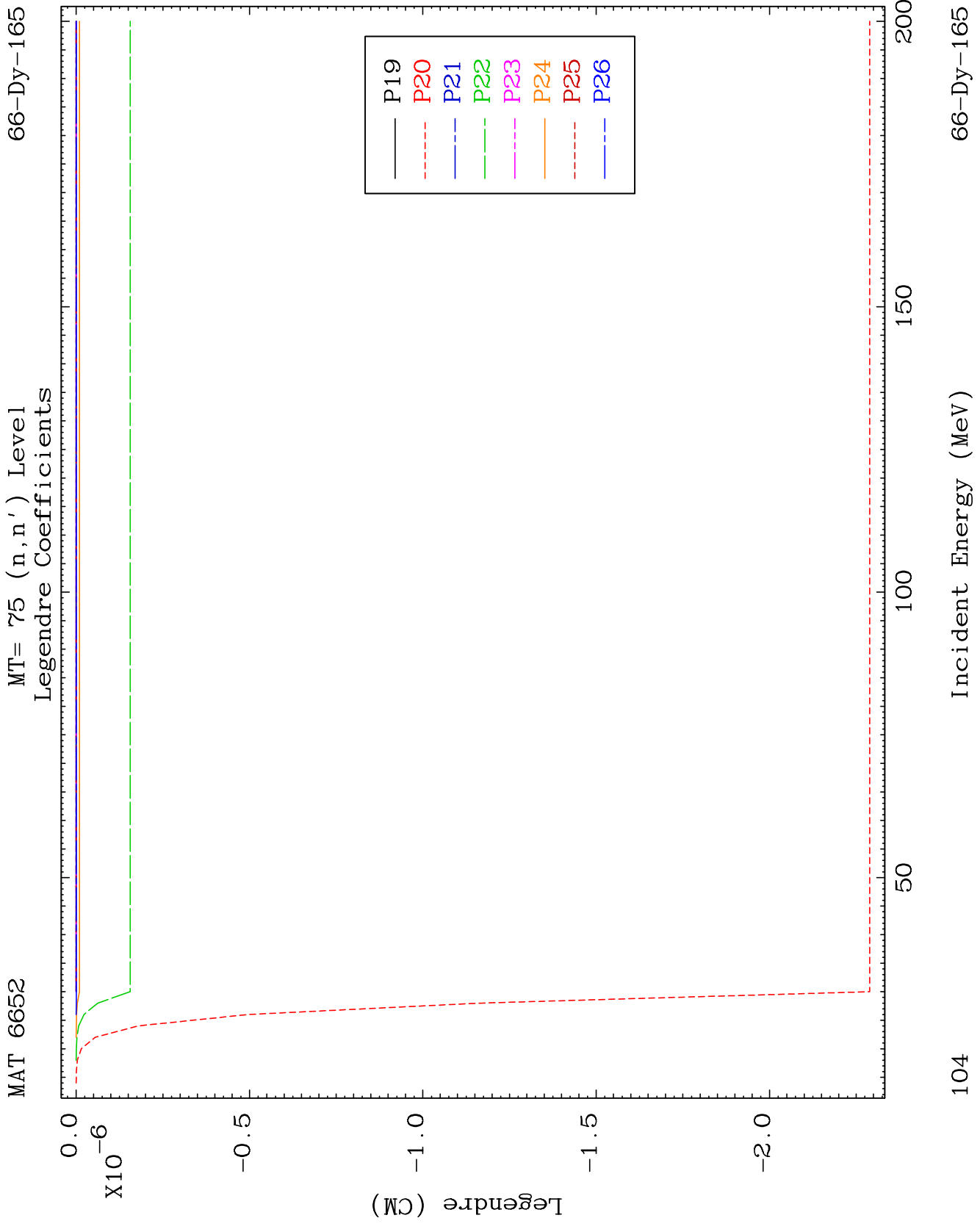


66-Dy-165

Incident Energy (MeV)

103

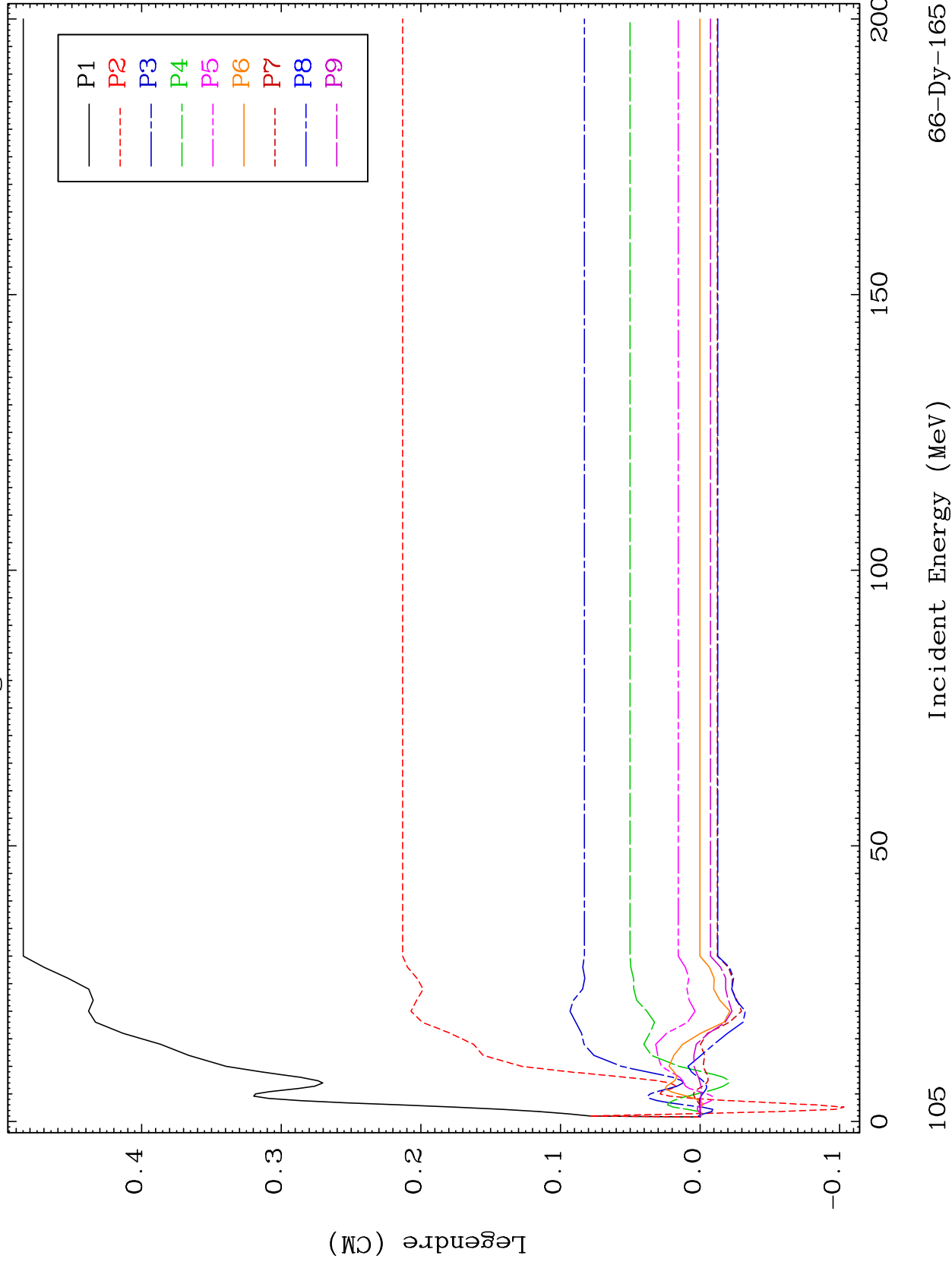




MAT 6652

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

66-Dy-165



66-Dy-165

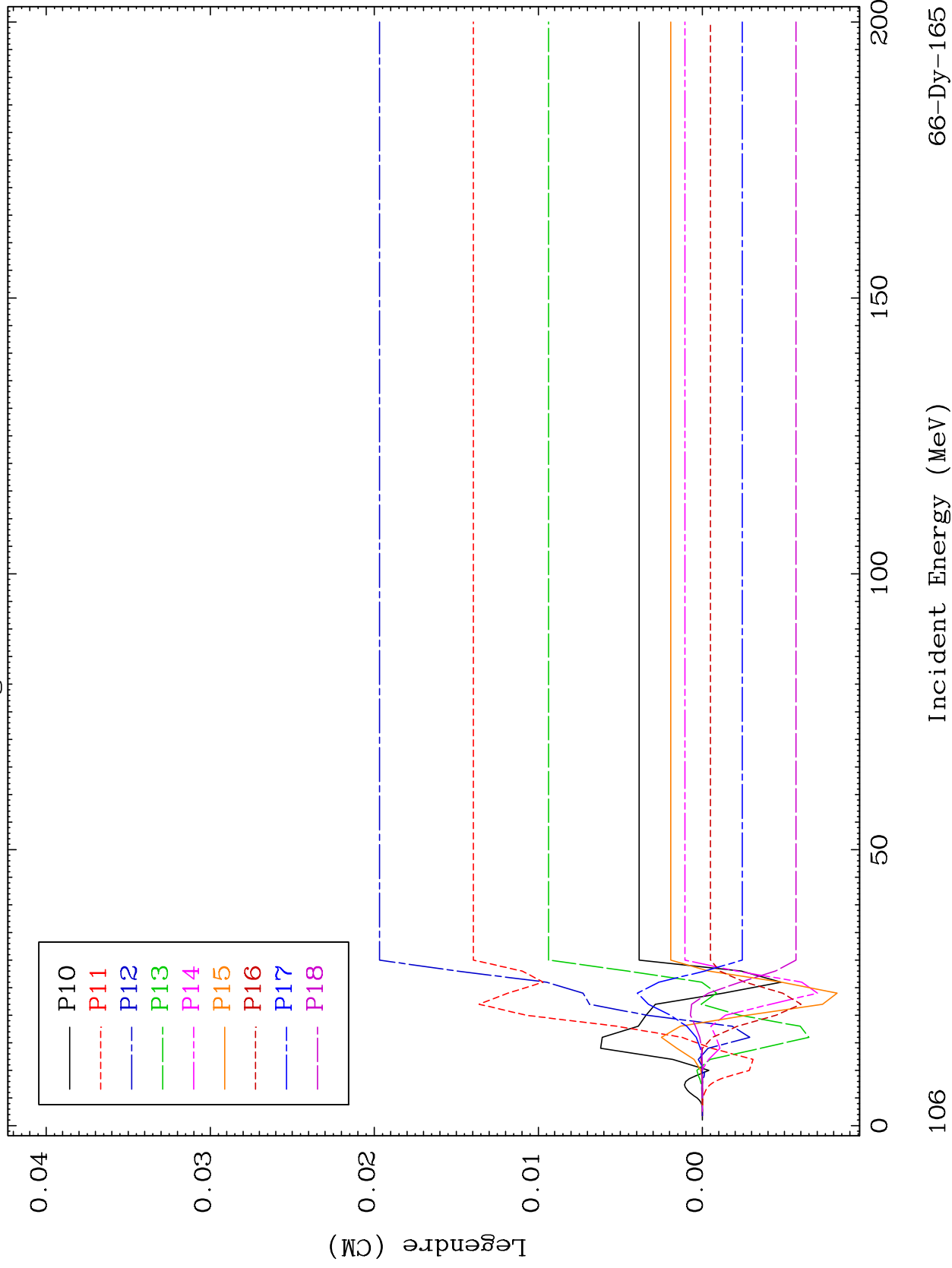
Incident Energy (MeV)

105

MAT 6652

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

66-Dy-165



106

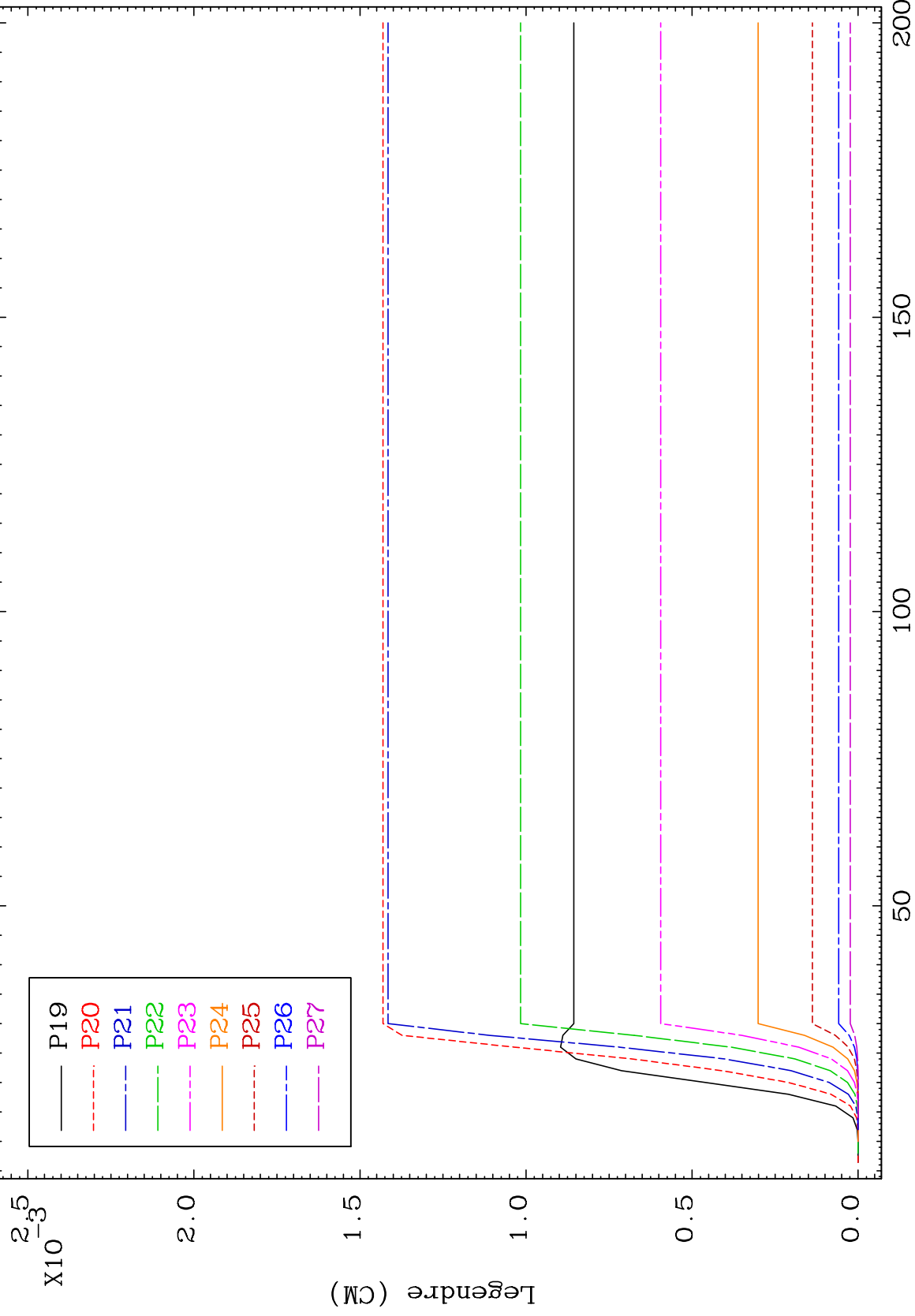
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



107

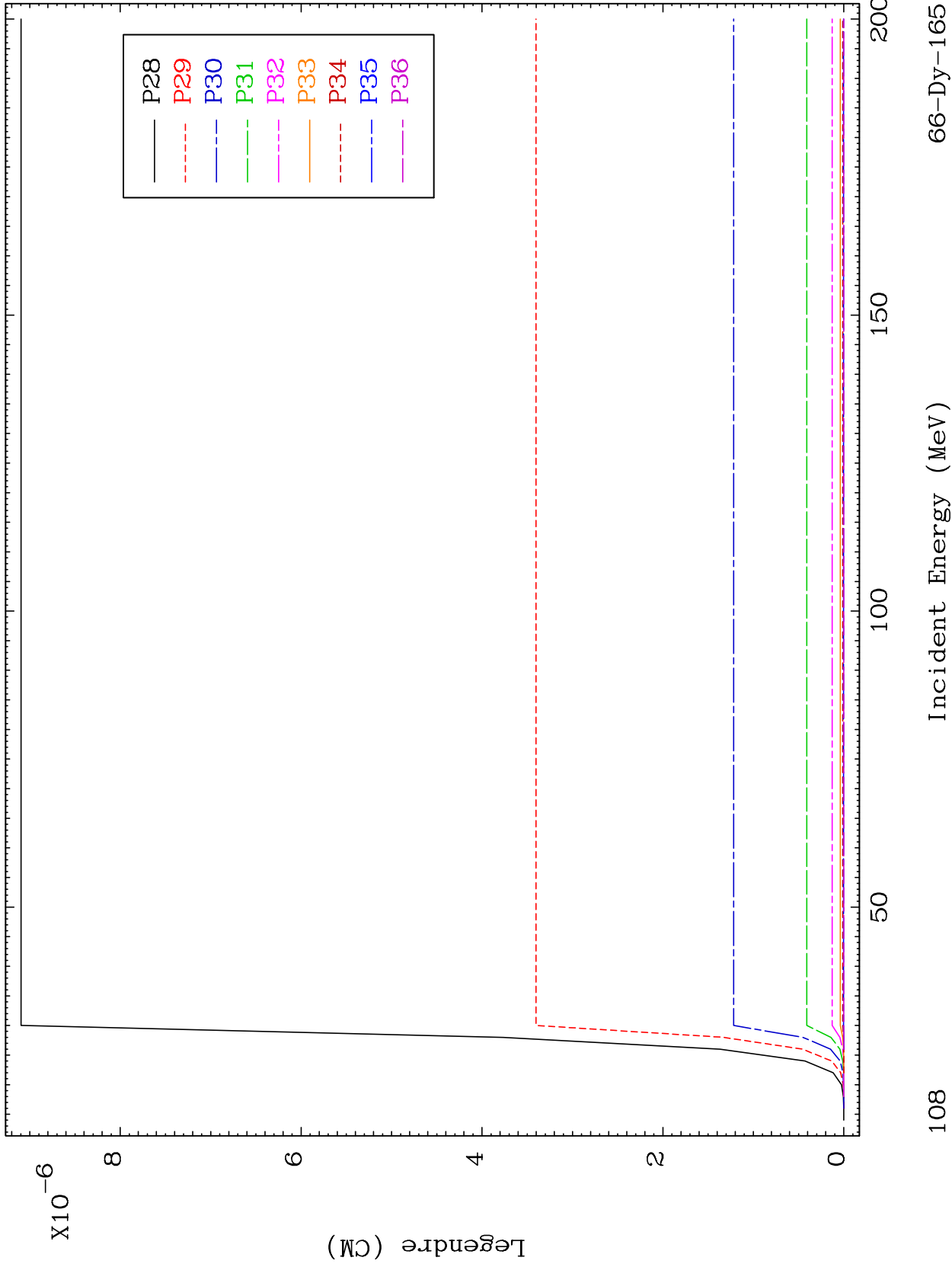
Incident Energy (MeV)

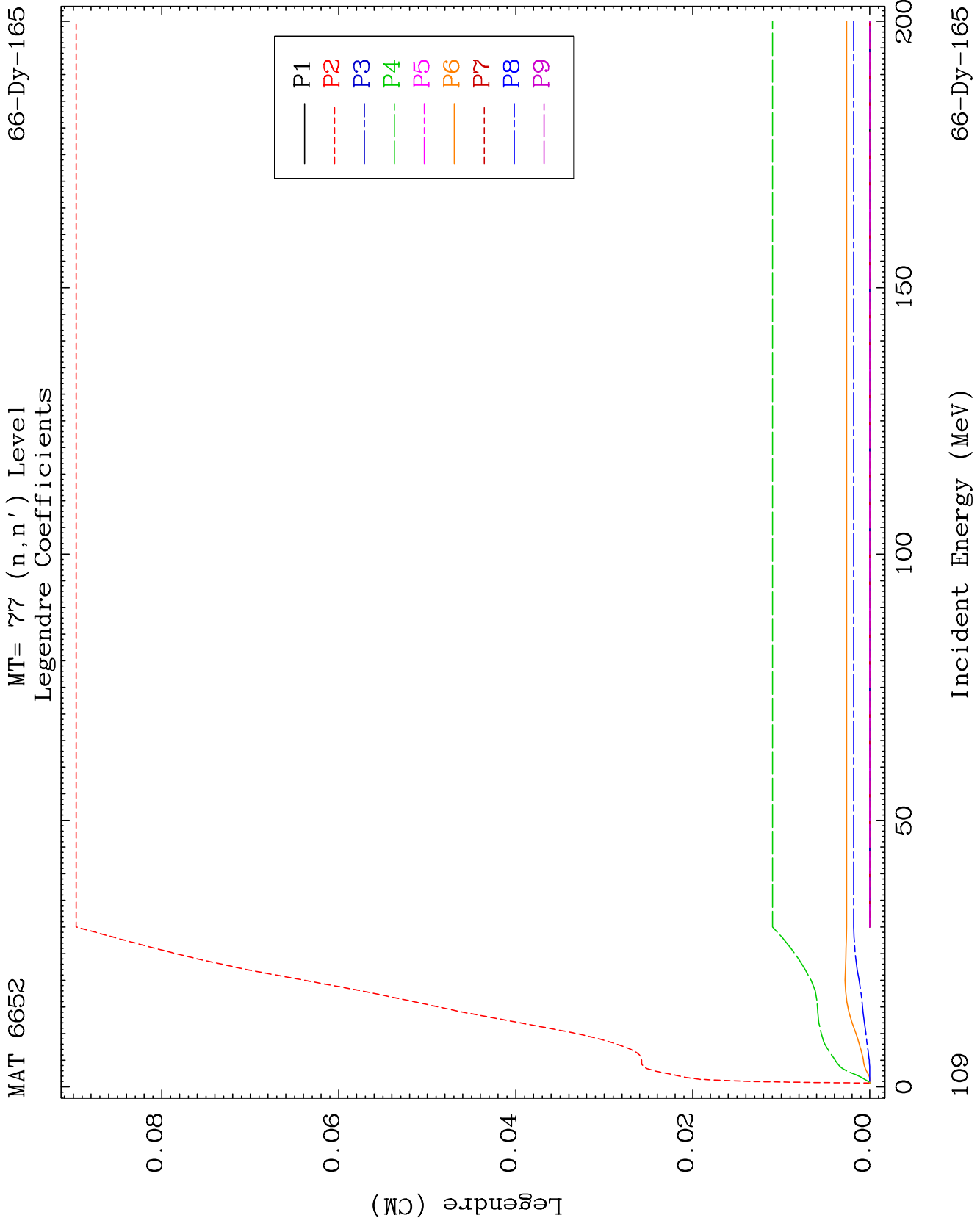
66-Dy-165

MAT 6652

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

66-Dy-165

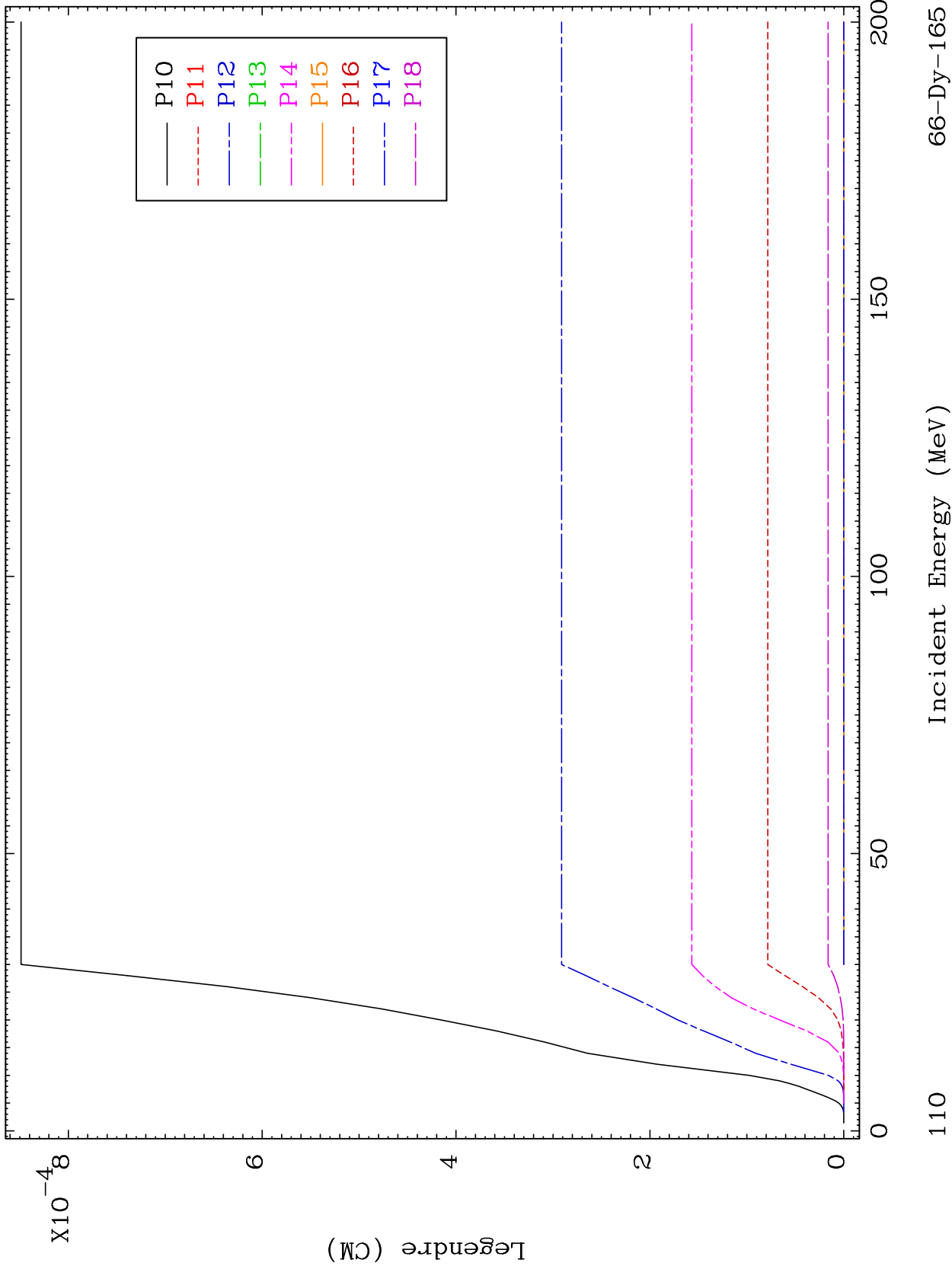




MAT 6652

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

66-Dy-165



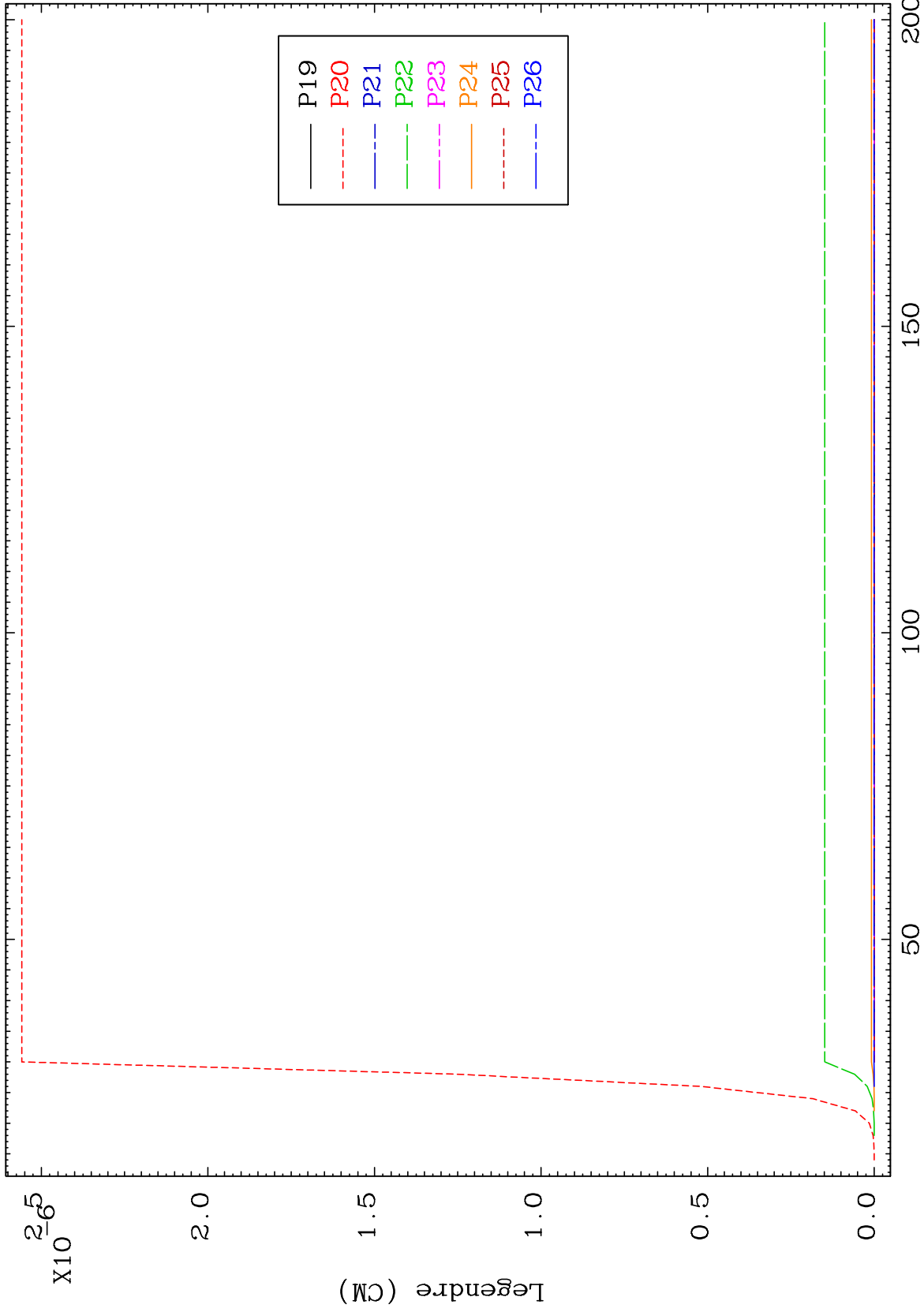
66-Dy-165

Incident Energy (MeV)

MAT 6652

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

66-Dy-165



111

Incident Energy (MeV)

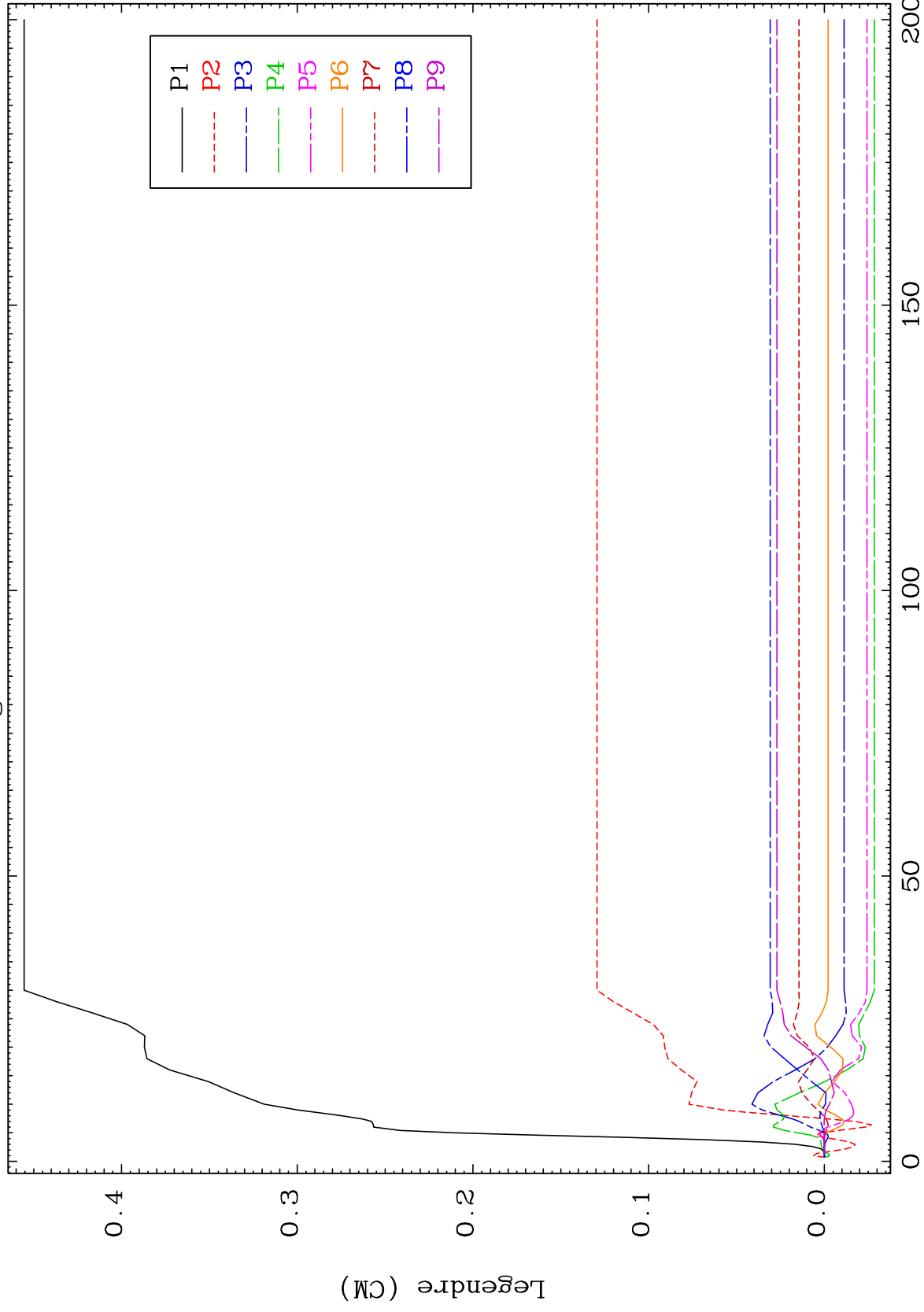
66-Dy-165



MAT 6652

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

66-Dy-165



112

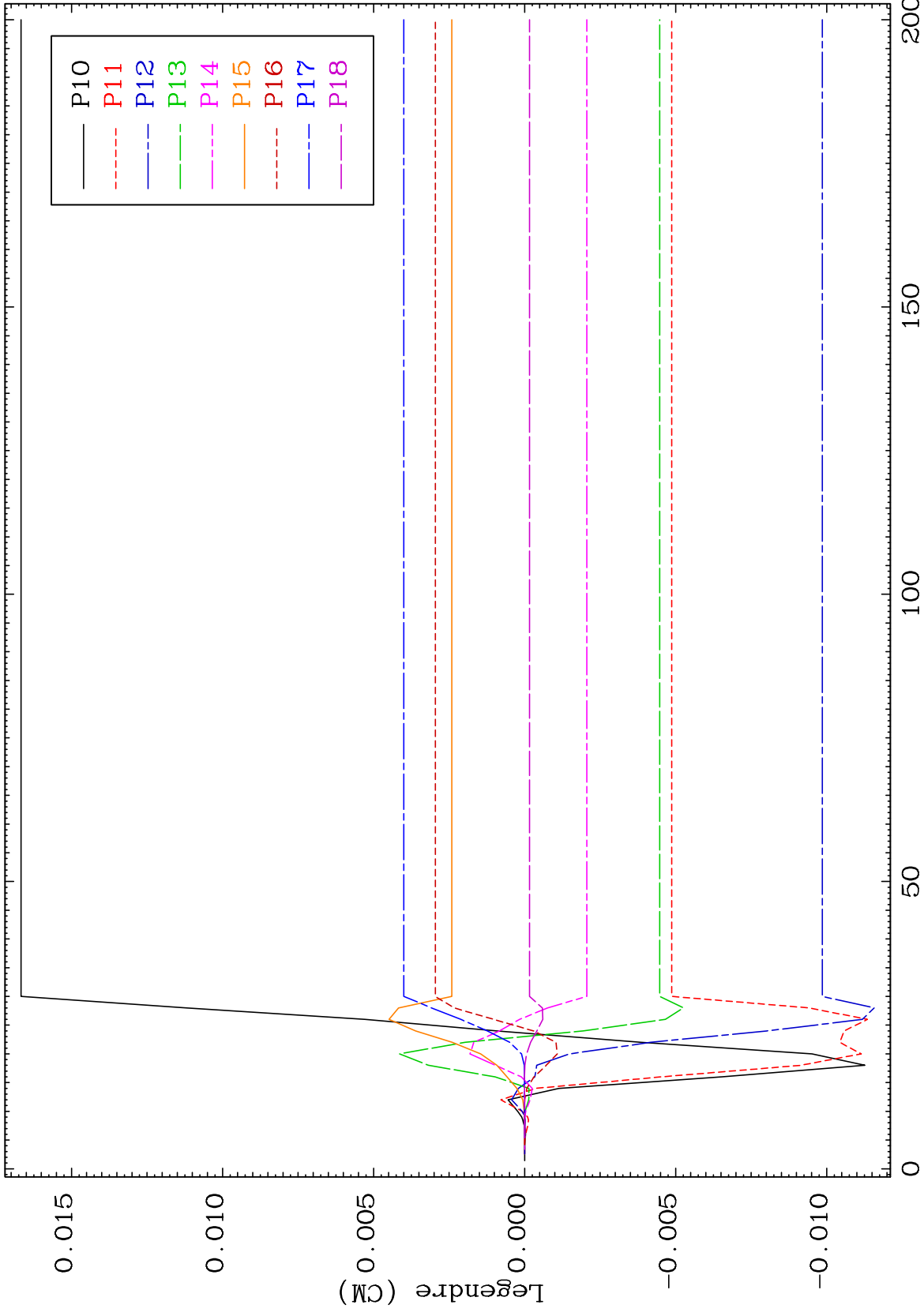
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



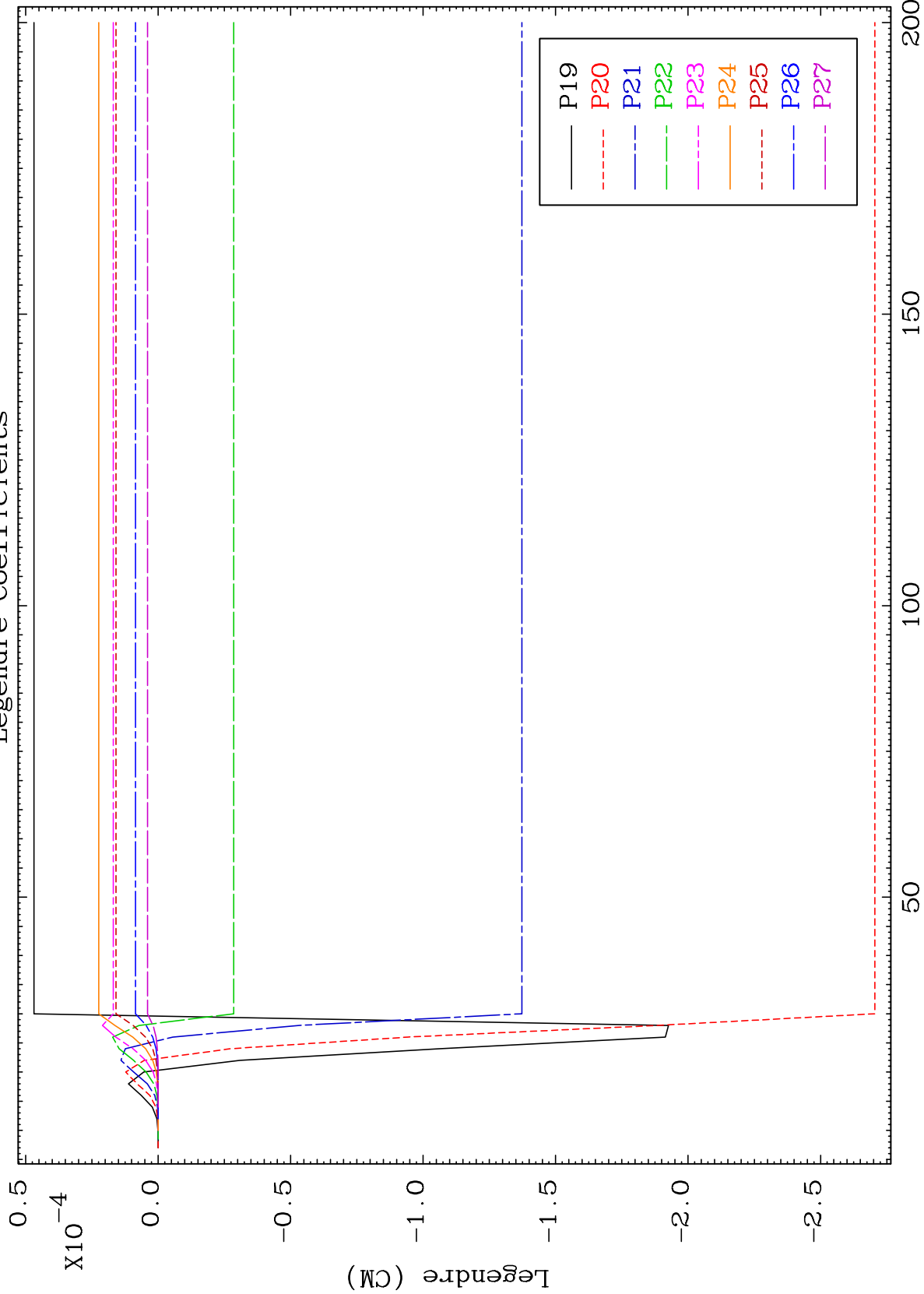
113

66-Dy-165

MAT 6652

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

66-Dy-165



114

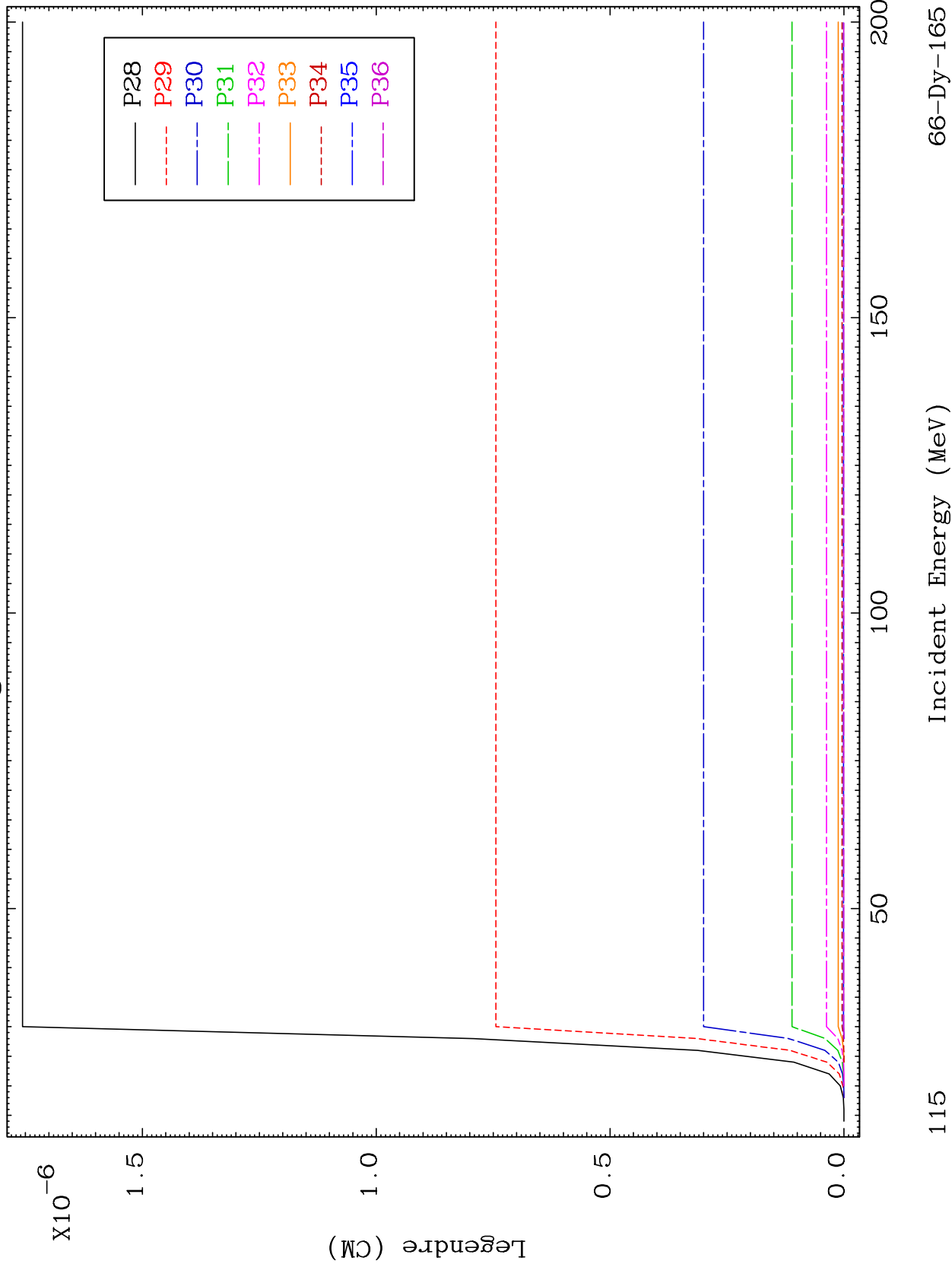
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



115

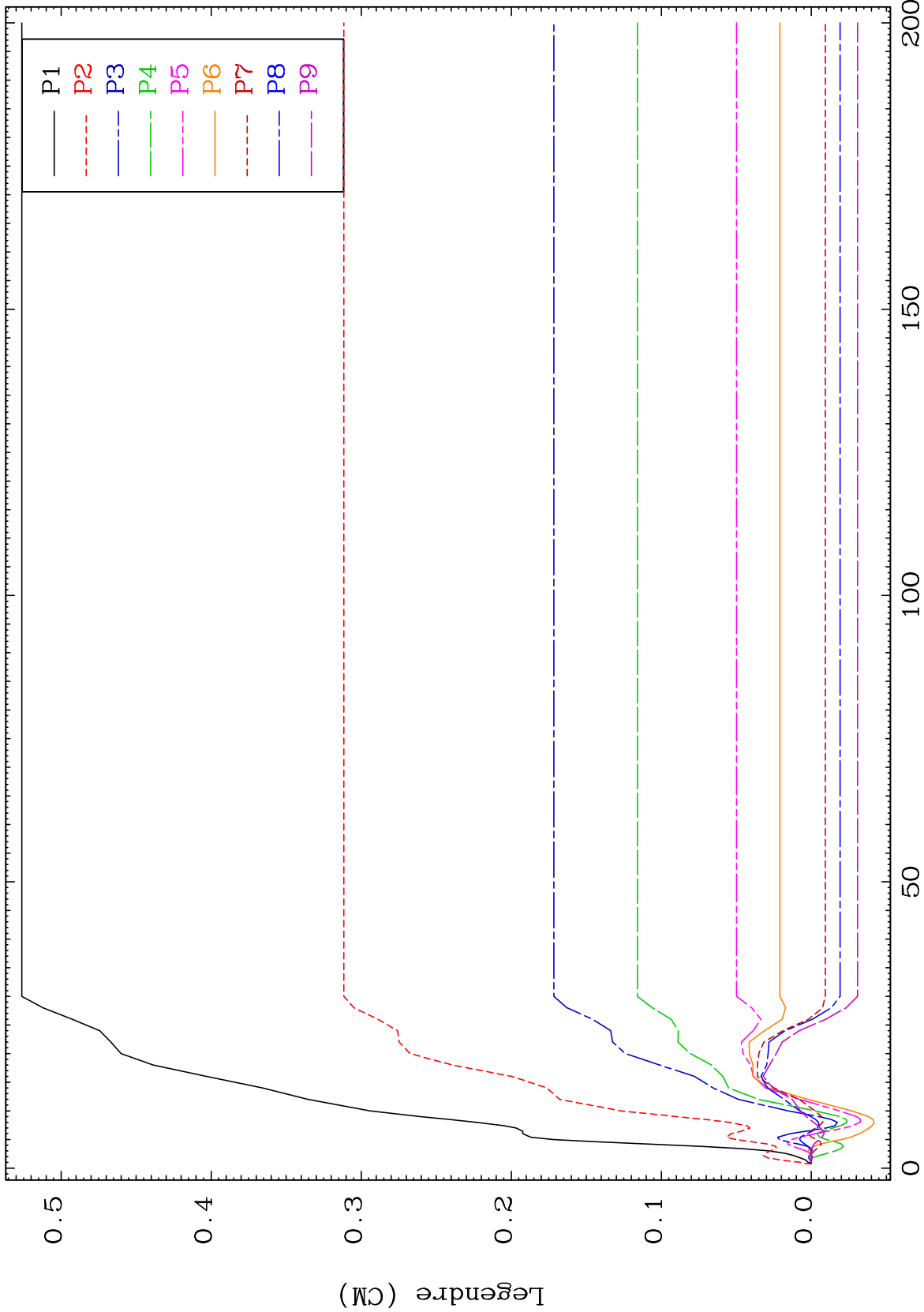
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



116

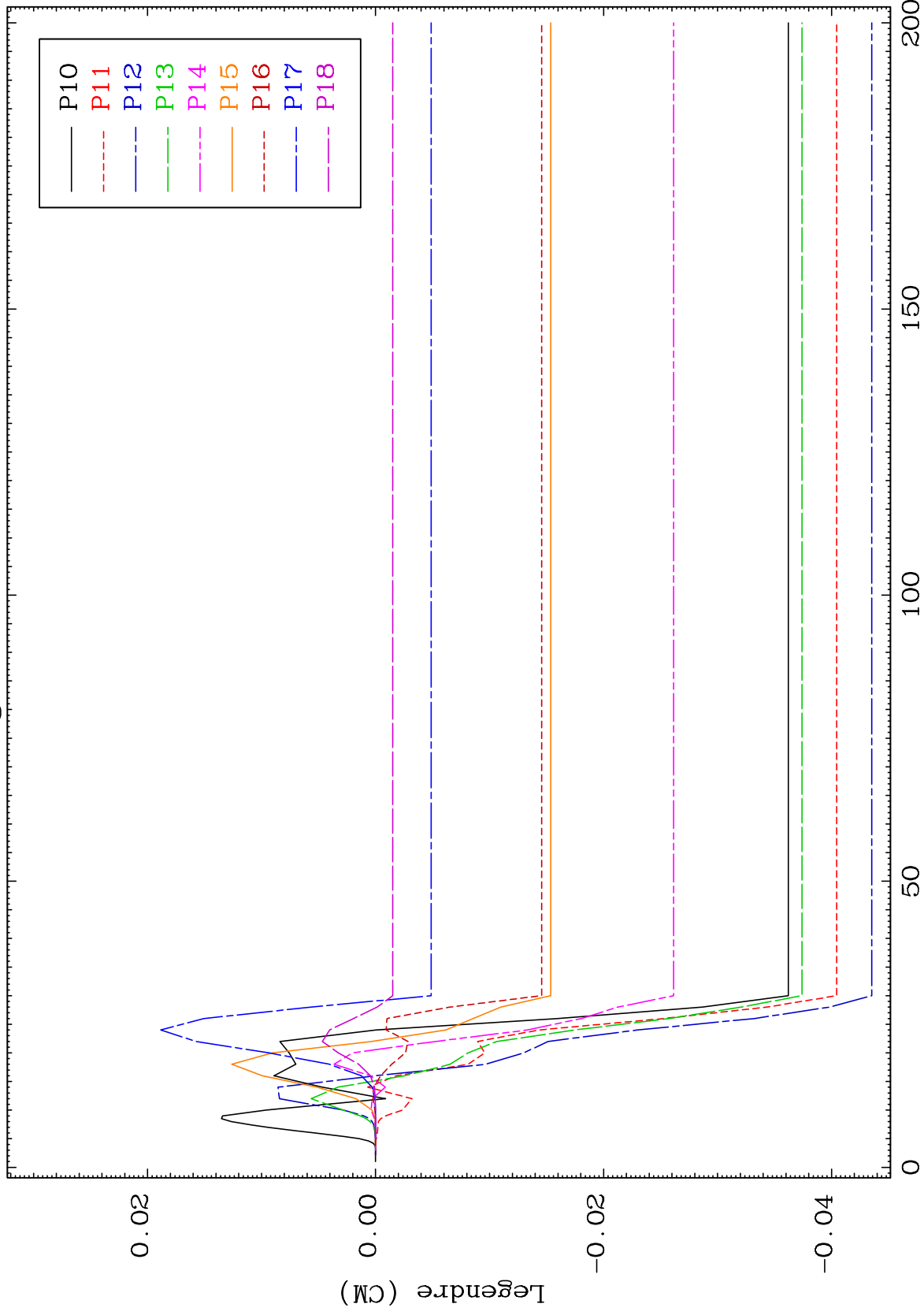
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



117

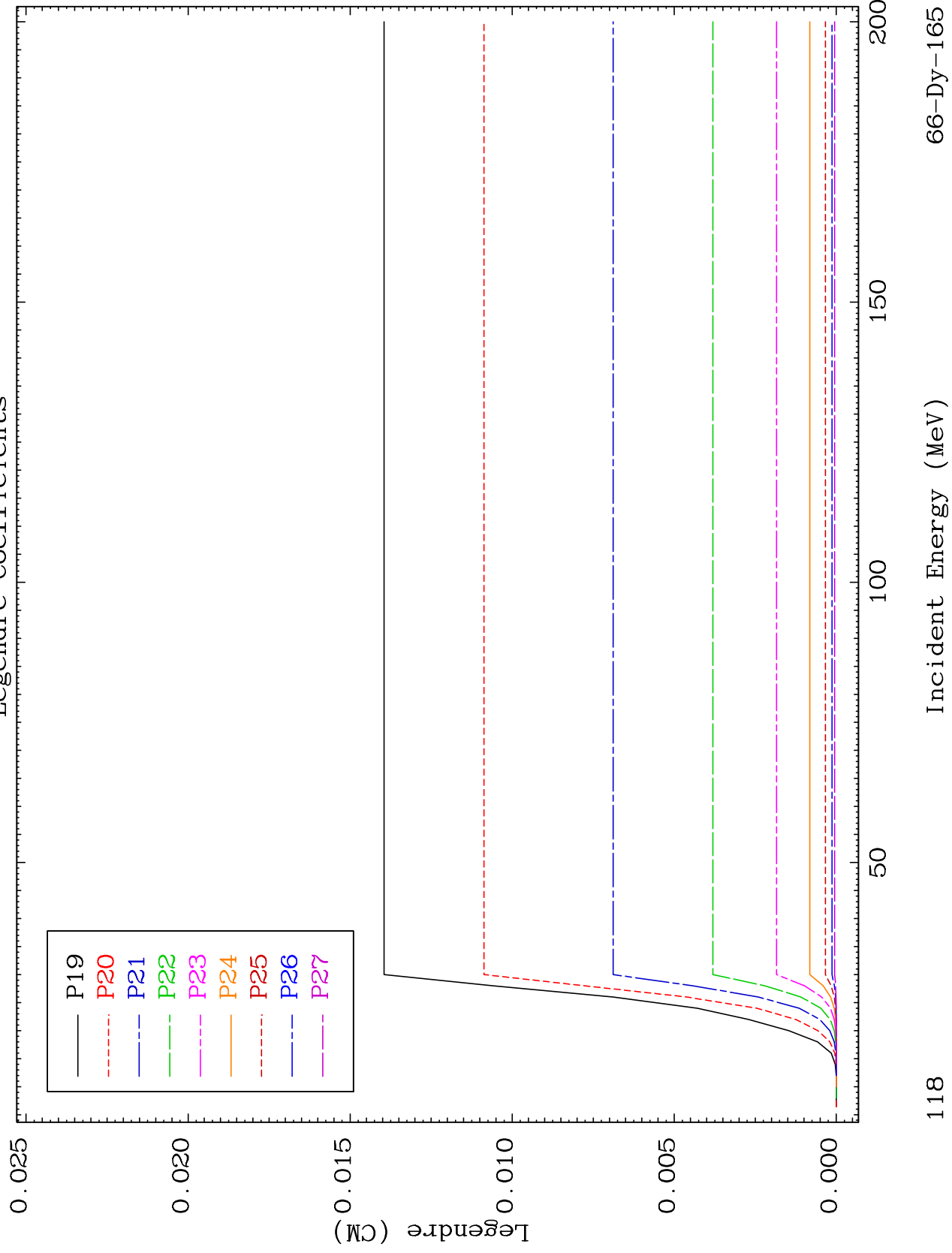
Incident Energy (MeV)

66-Dy-165

MAT 6652

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

66-Dy-165



118

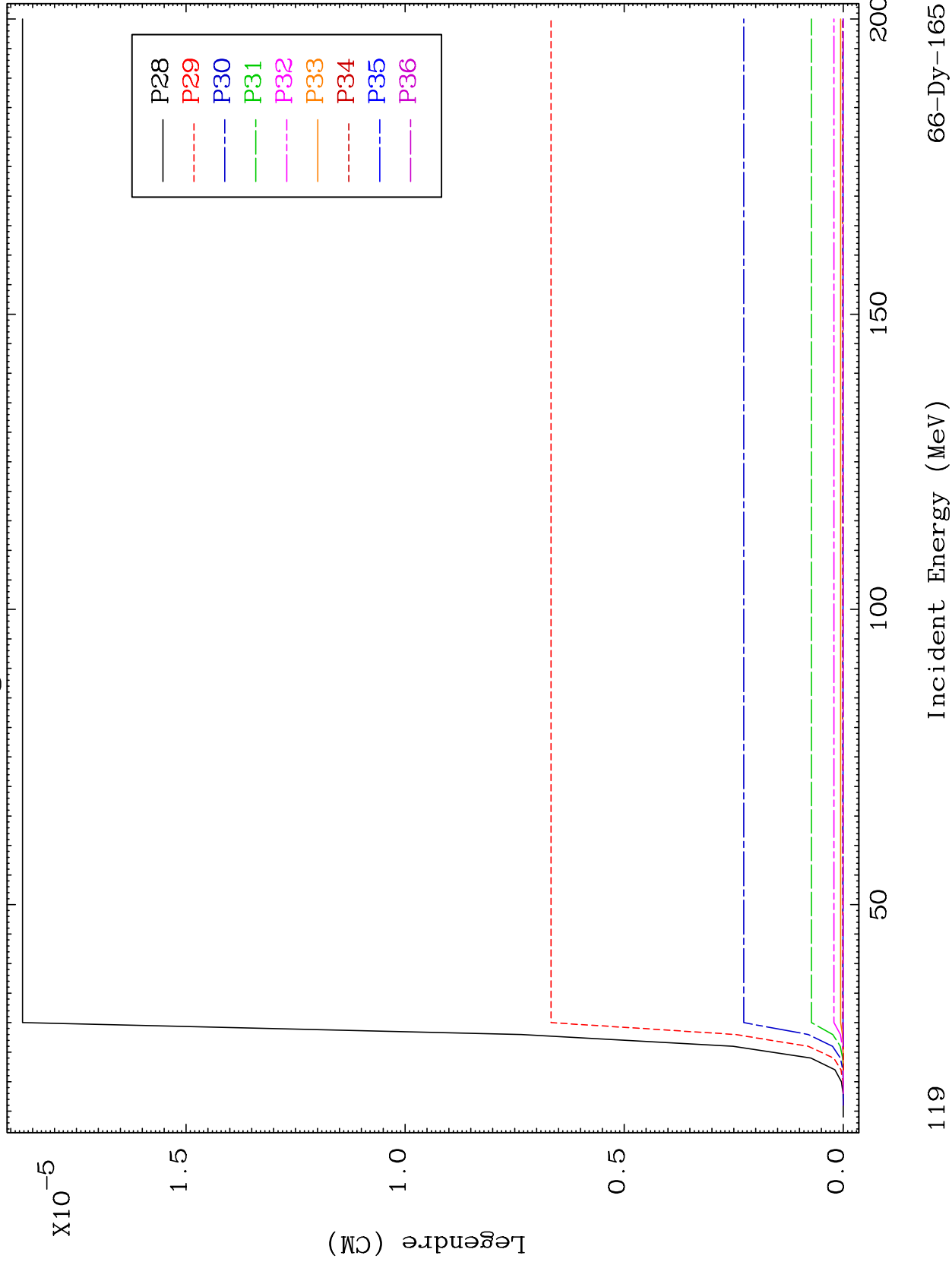
Incident Energy (MeV)

66-Dy-165

MAT 6652

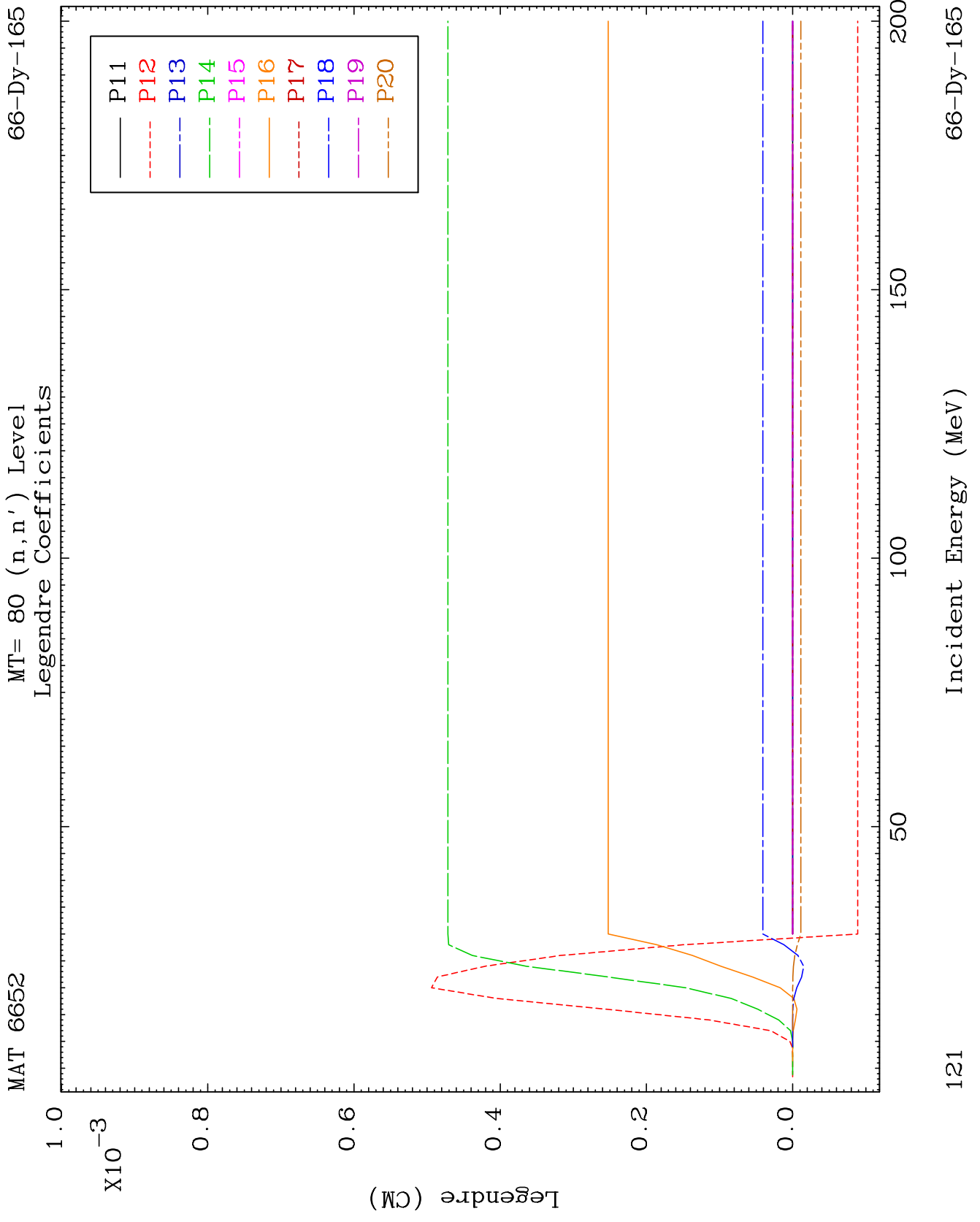
MT= 79 (n,n') Level  
Legendre Coefficients

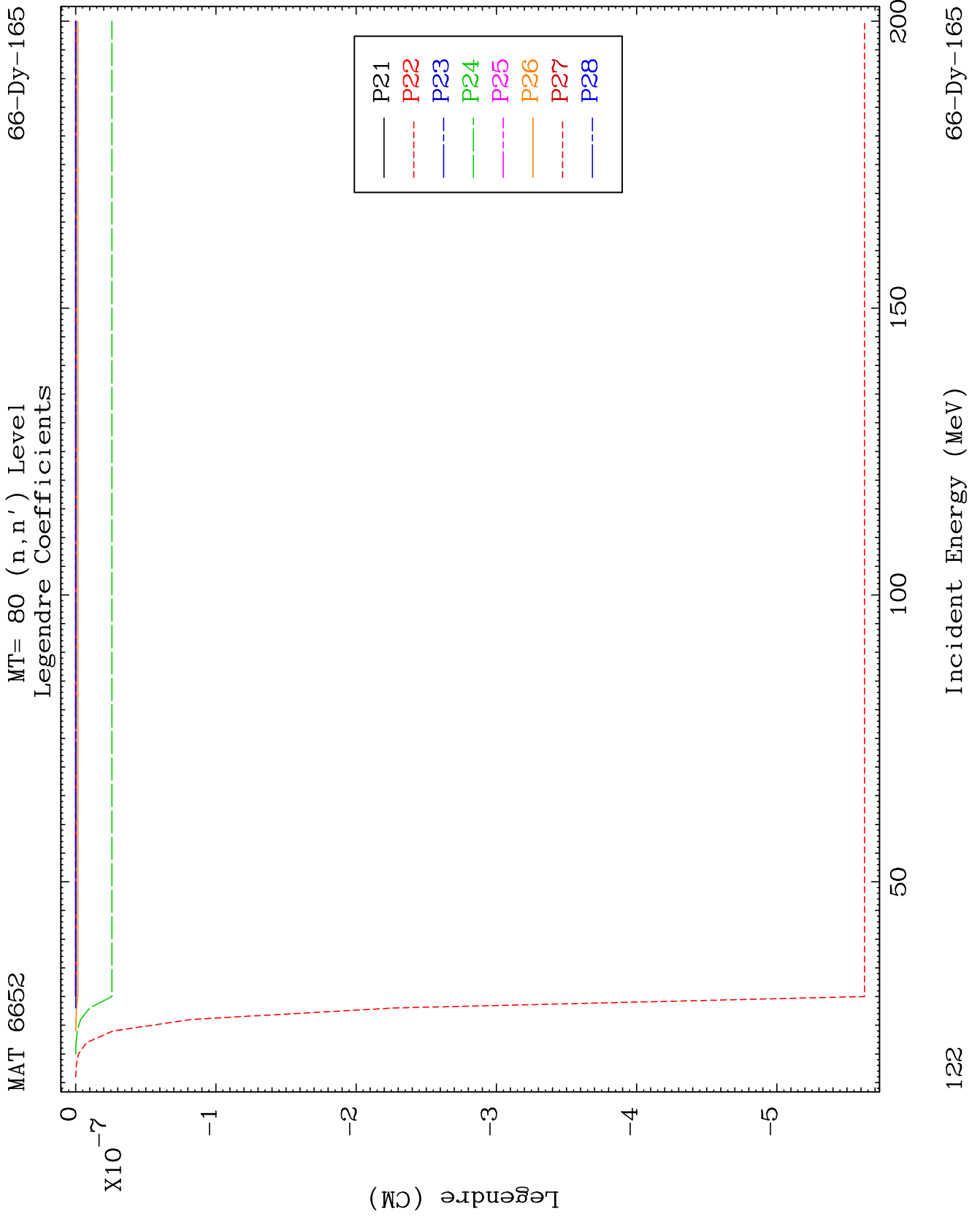
66-Dy-165











MAT 6652

Inelastic  
Radionuclide Production Cross Section

66-Dy-165

