

Program EVALPLOT  
(Version 2021-1)

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

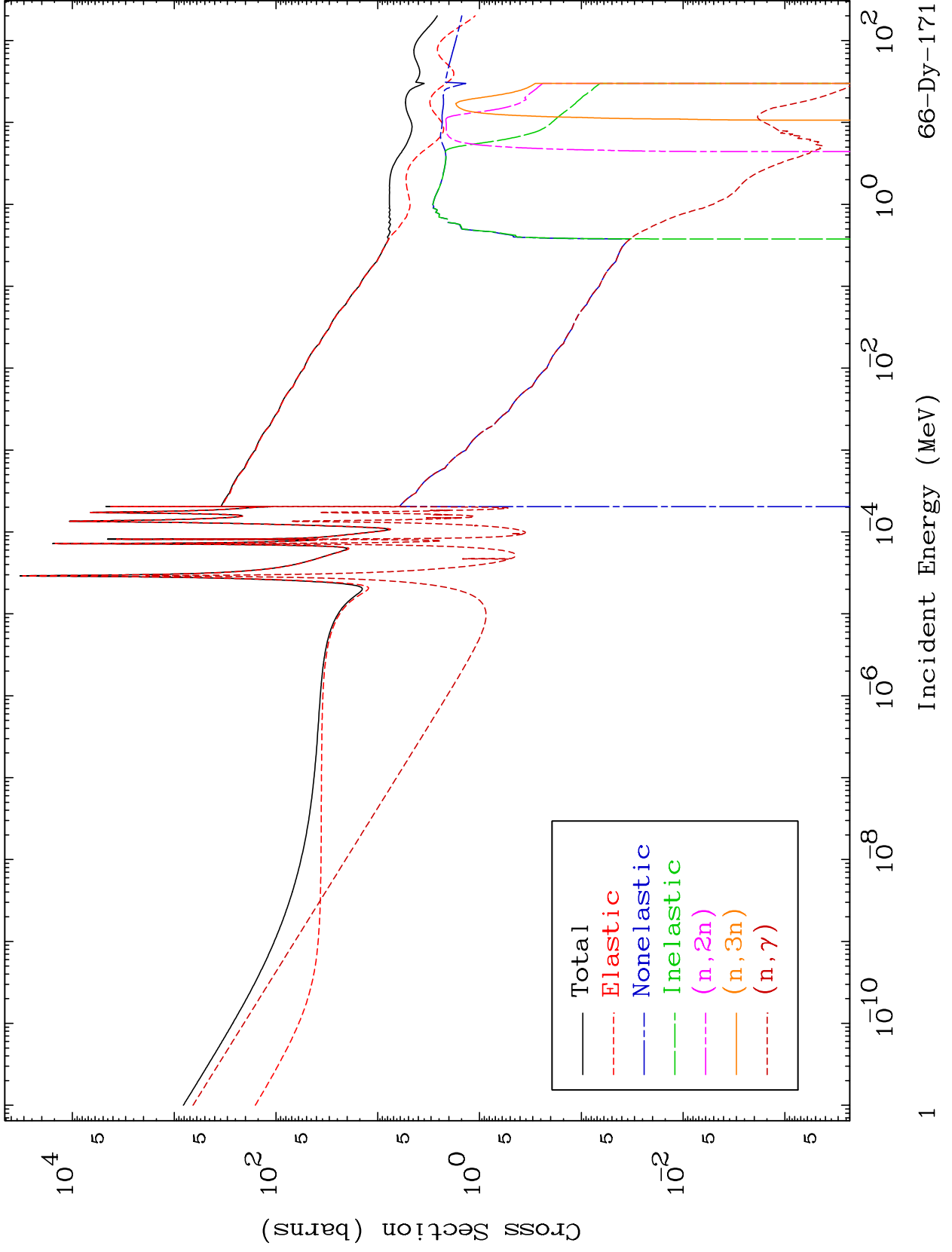
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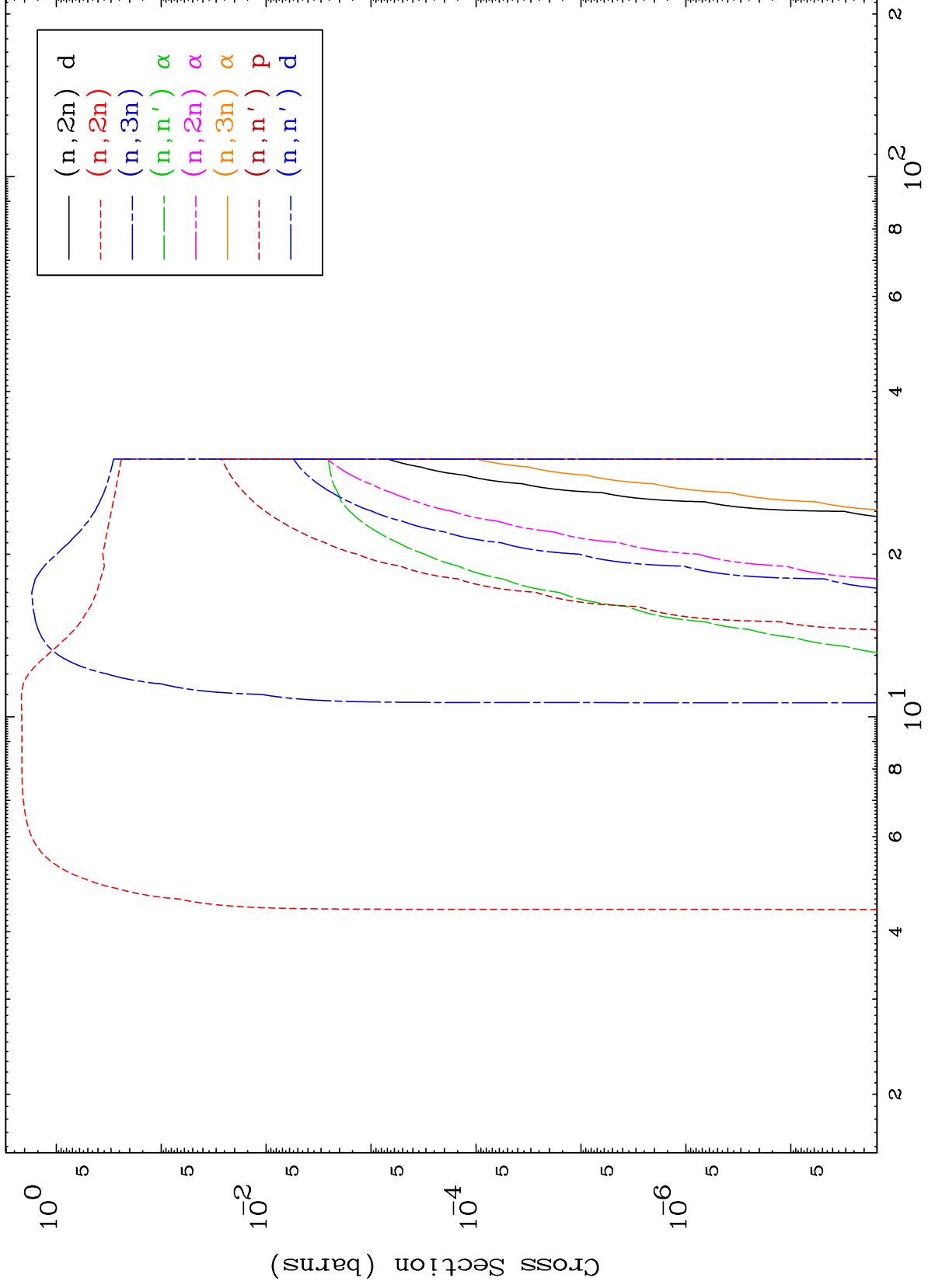
Press Mouse Button to Start

MAT 6670

Neutron Major  
293 Kelvin Cross Sections

66-Dy-171

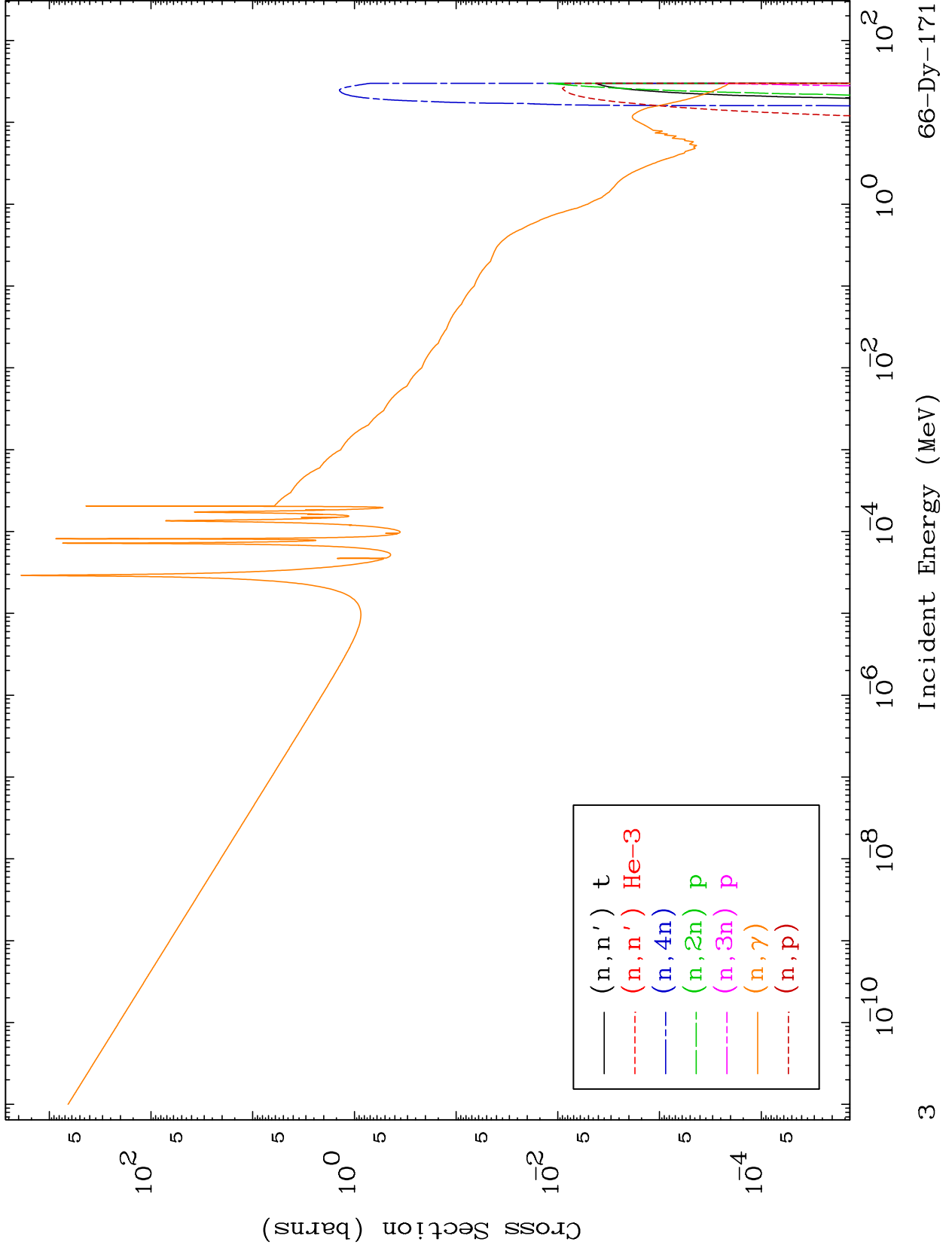




MAT 6670

Neutron Absorption  
293 Kelvin Cross Sections

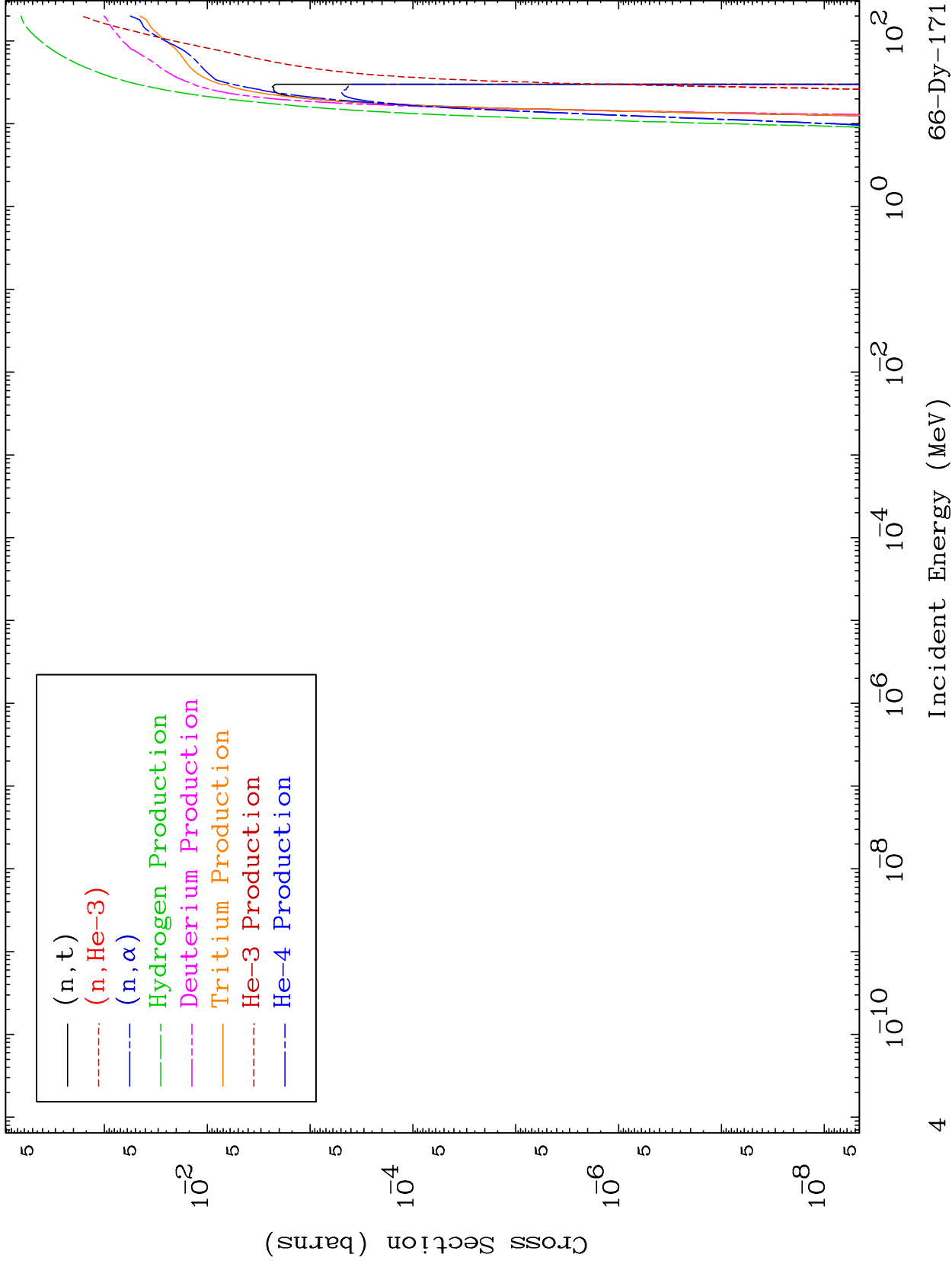
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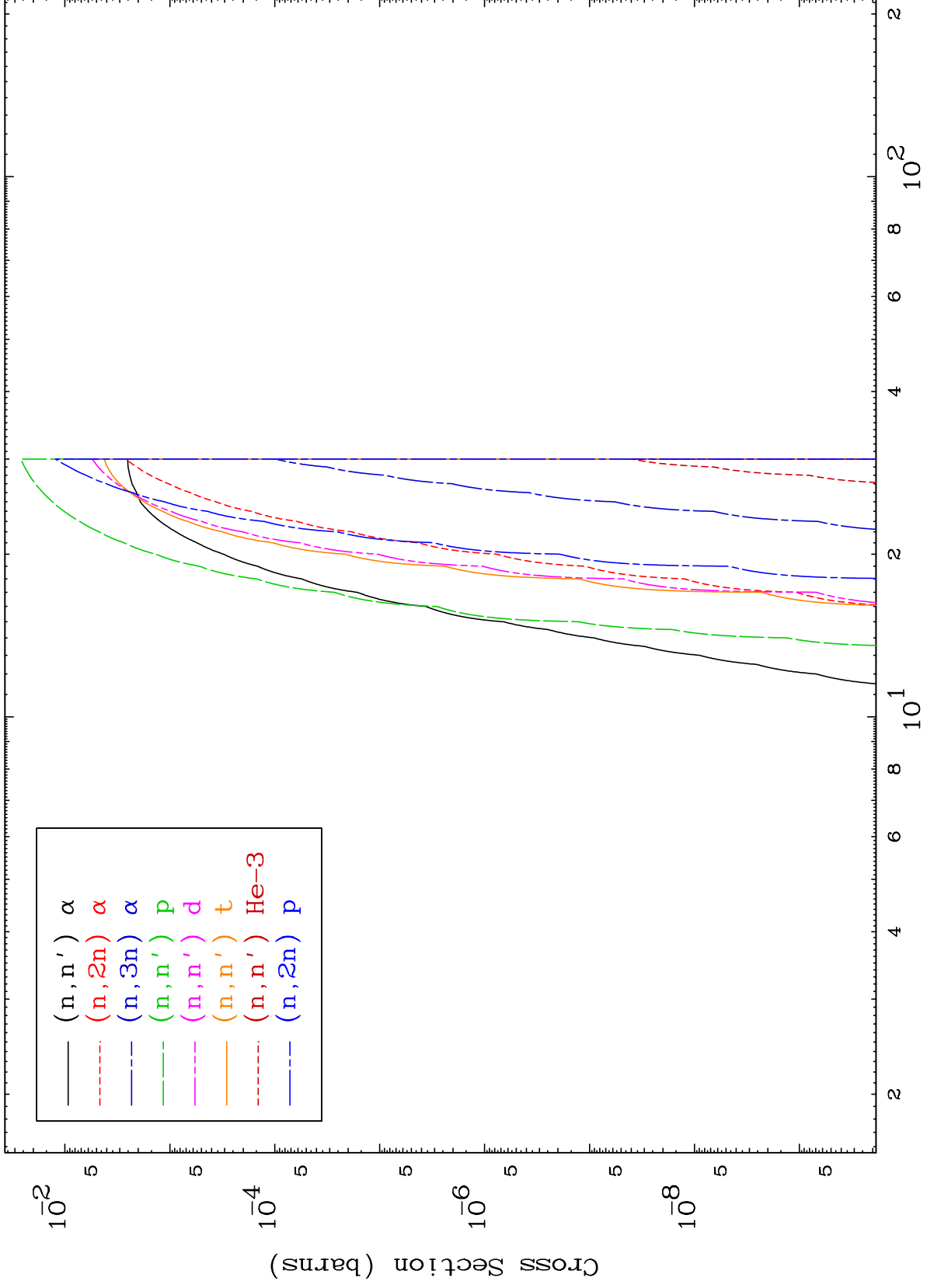


MAT 6670

Neutron Absorption  
293 Kelvin Cross Sections

66-Dy-171

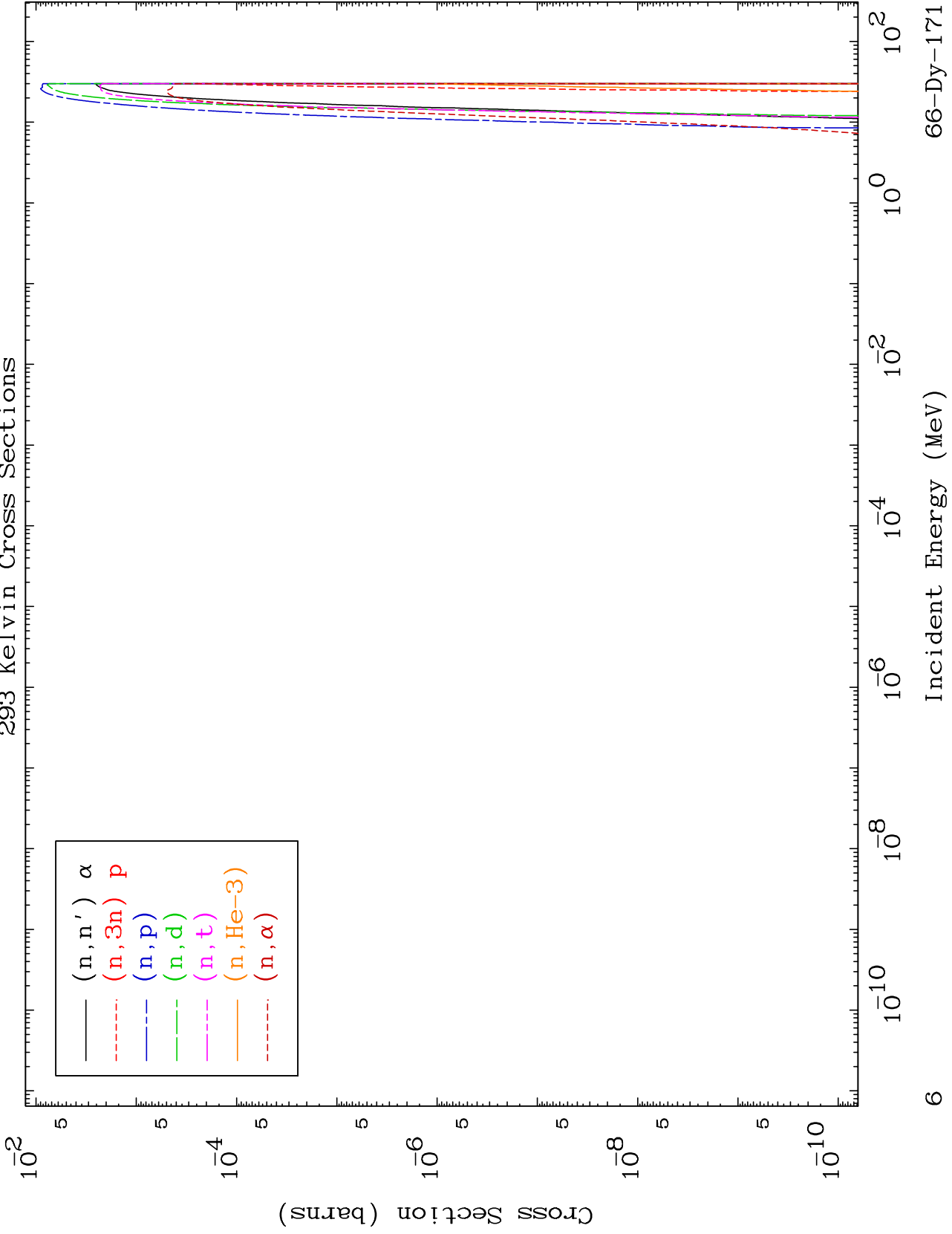




MAT 6670

Charged Particle  
293 Kelvin Cross Sections

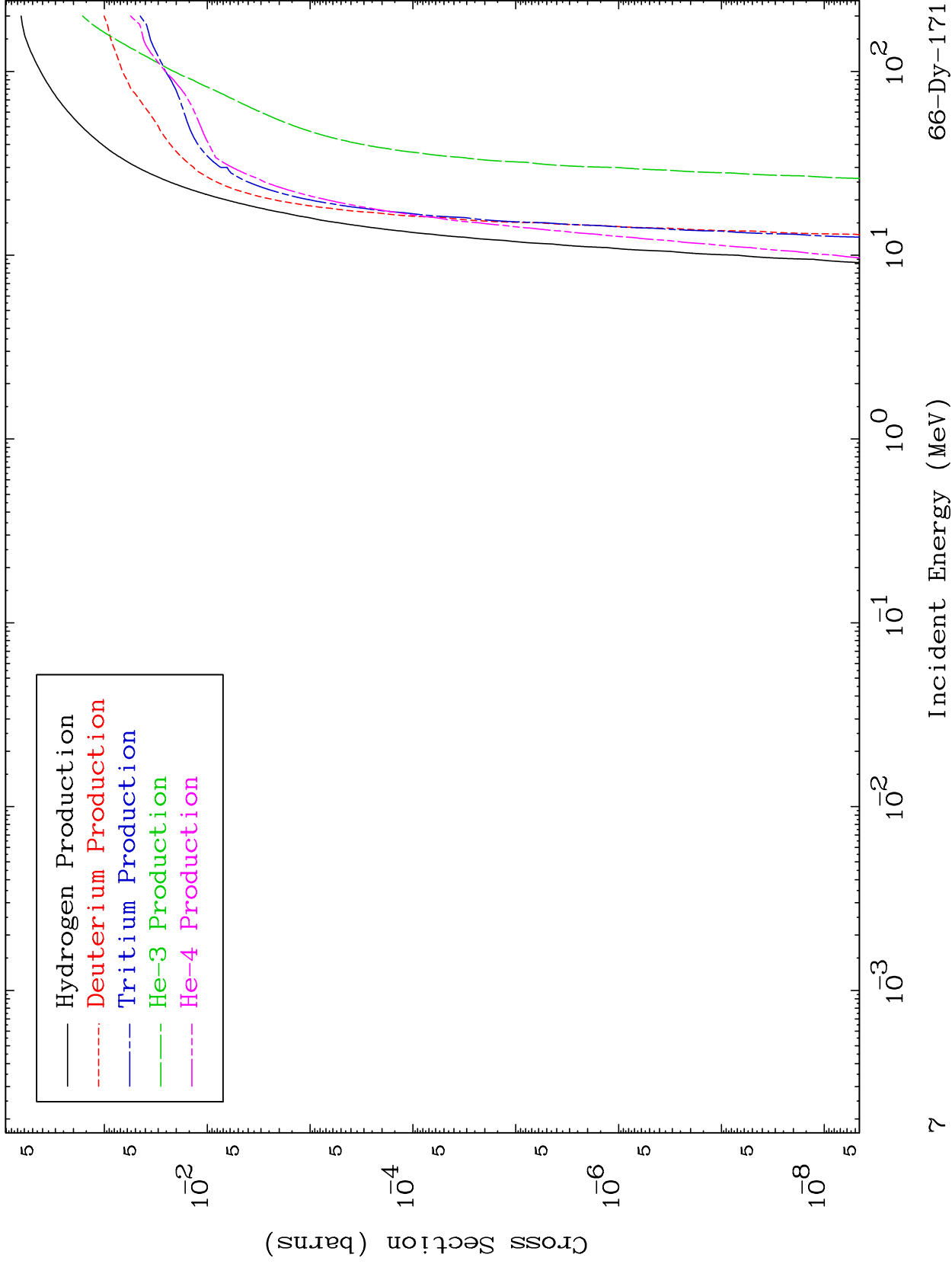
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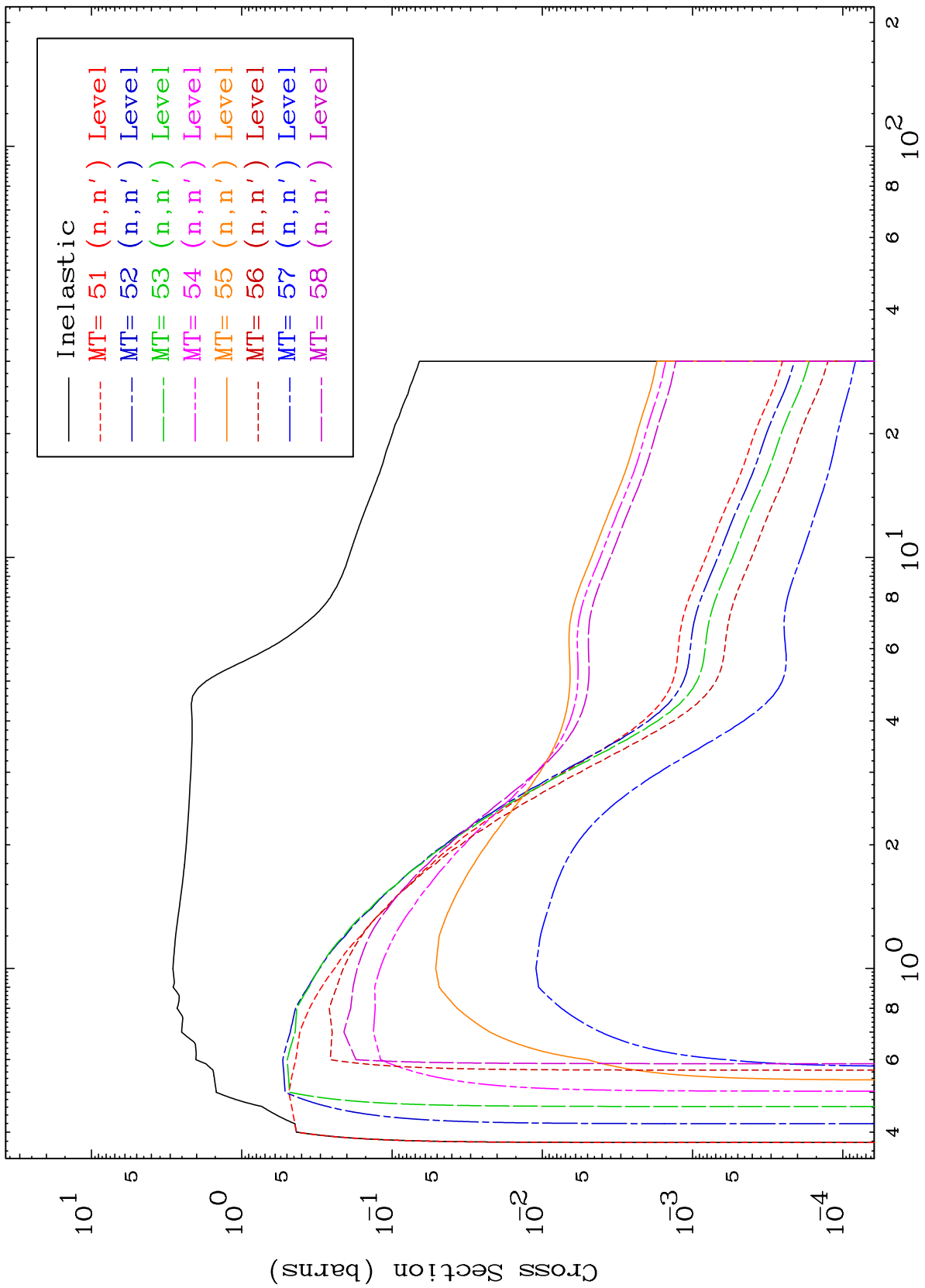


MAT 6670

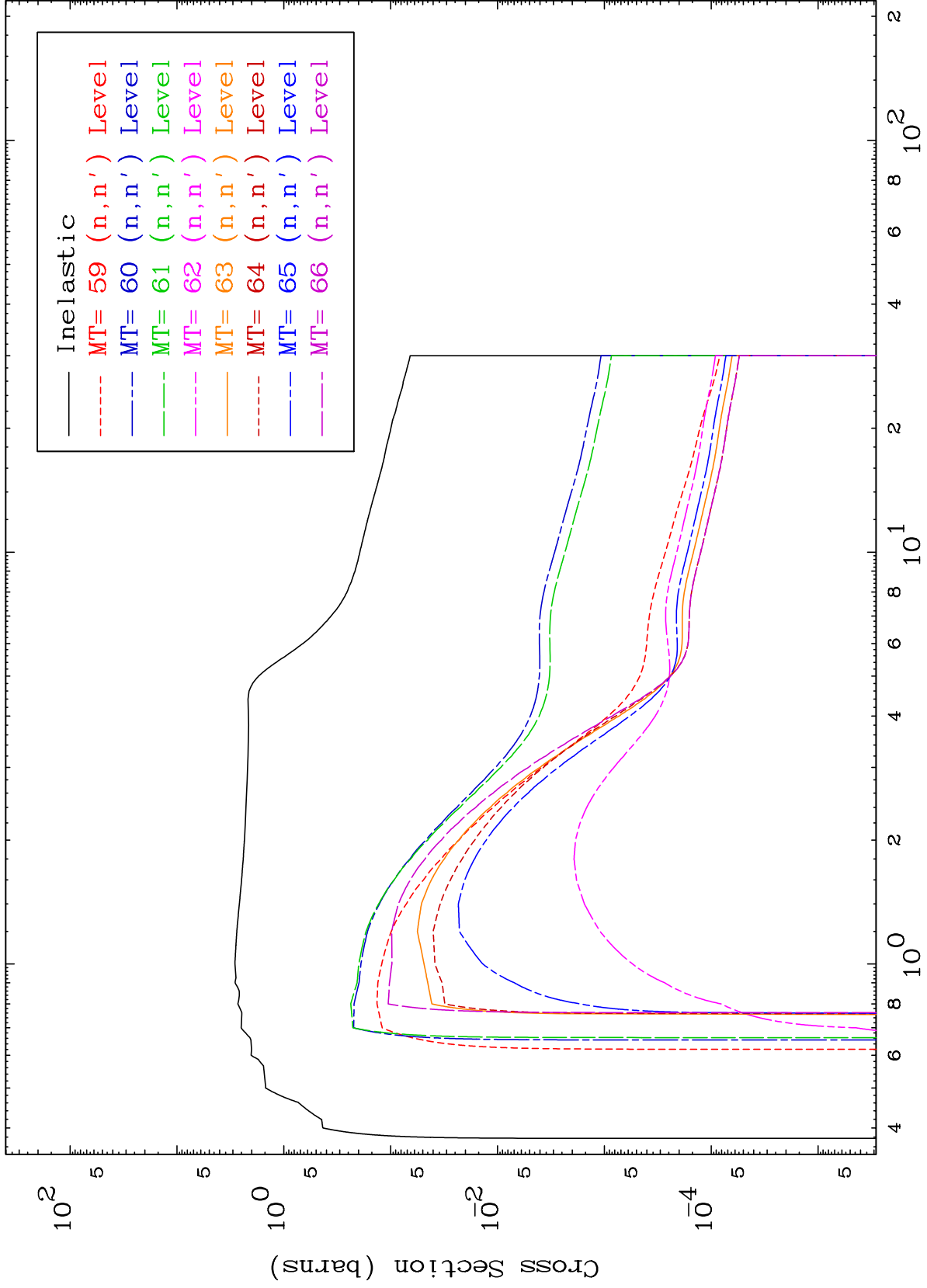
Particle Production  
293 Kelvin Cross Sections

66-Dy-171





293 Kelvin Cross Sections

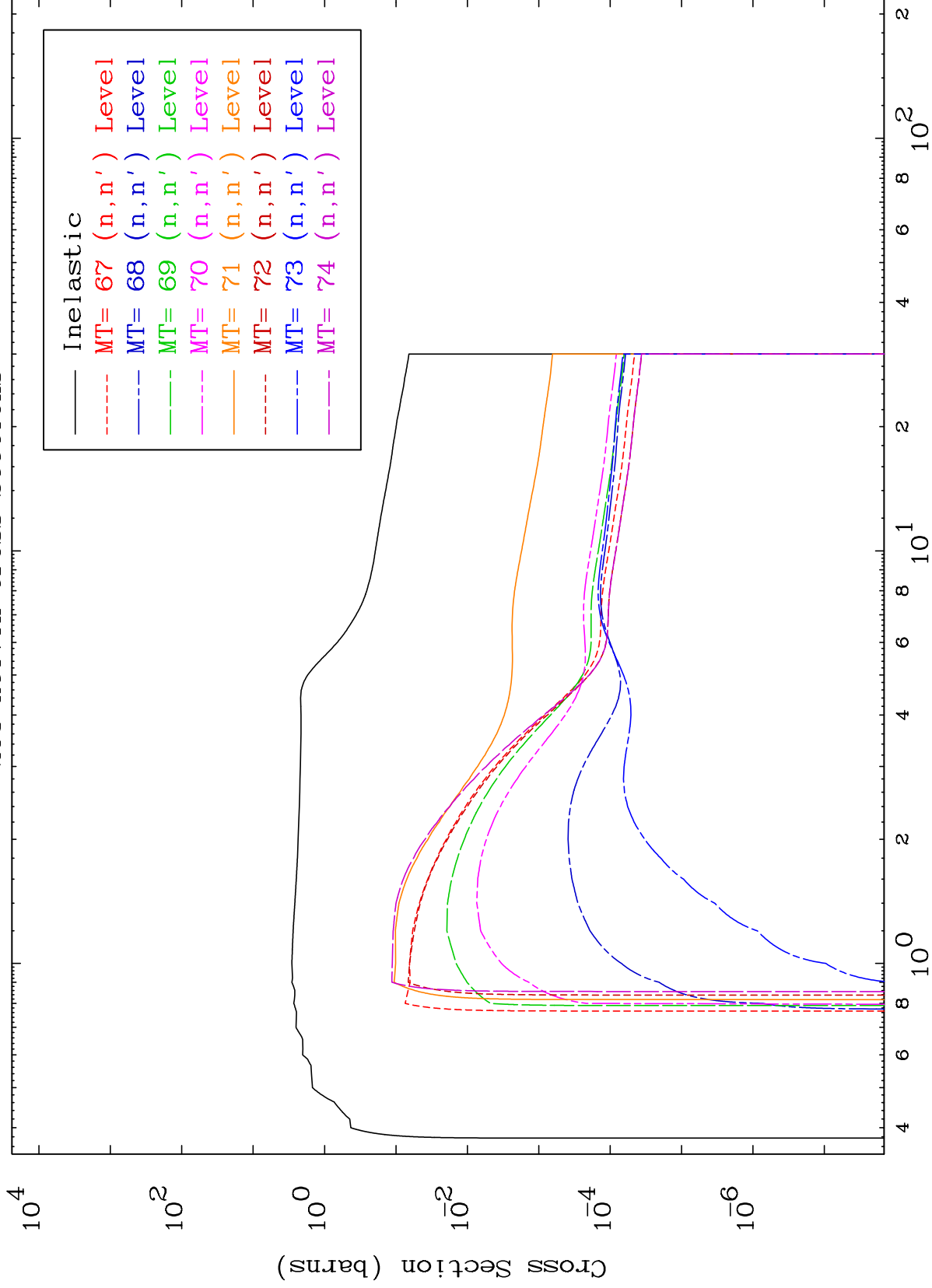


MAT 6670

(n,n') Levels

293 Kelvin Cross Sections

66-Dy-171



10

Incident Energy (MeV)

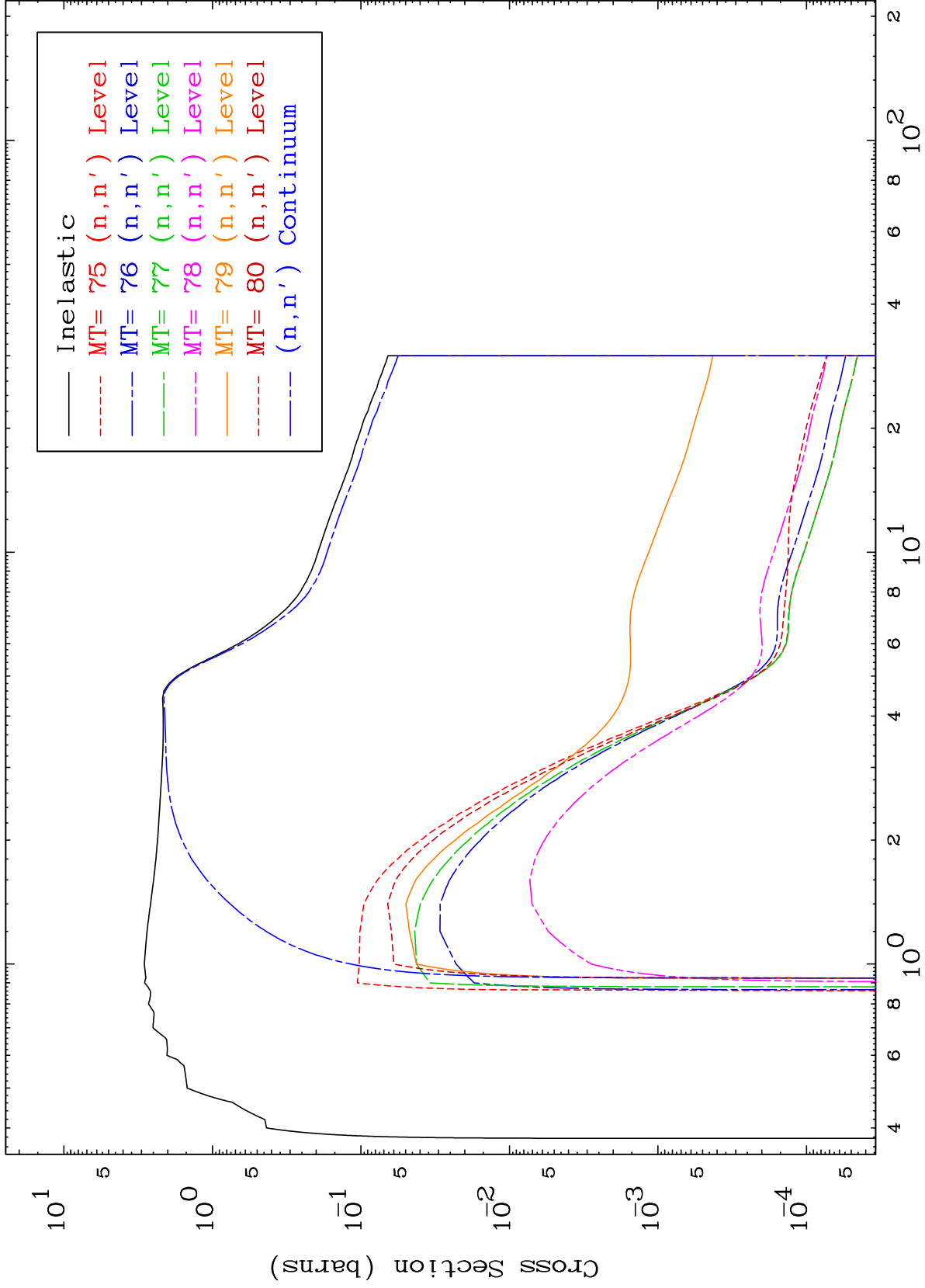
66-Dy-171

MAT 6670

(n,n') Levels

66-Dy-171

293 Kelvin Cross Sections



11

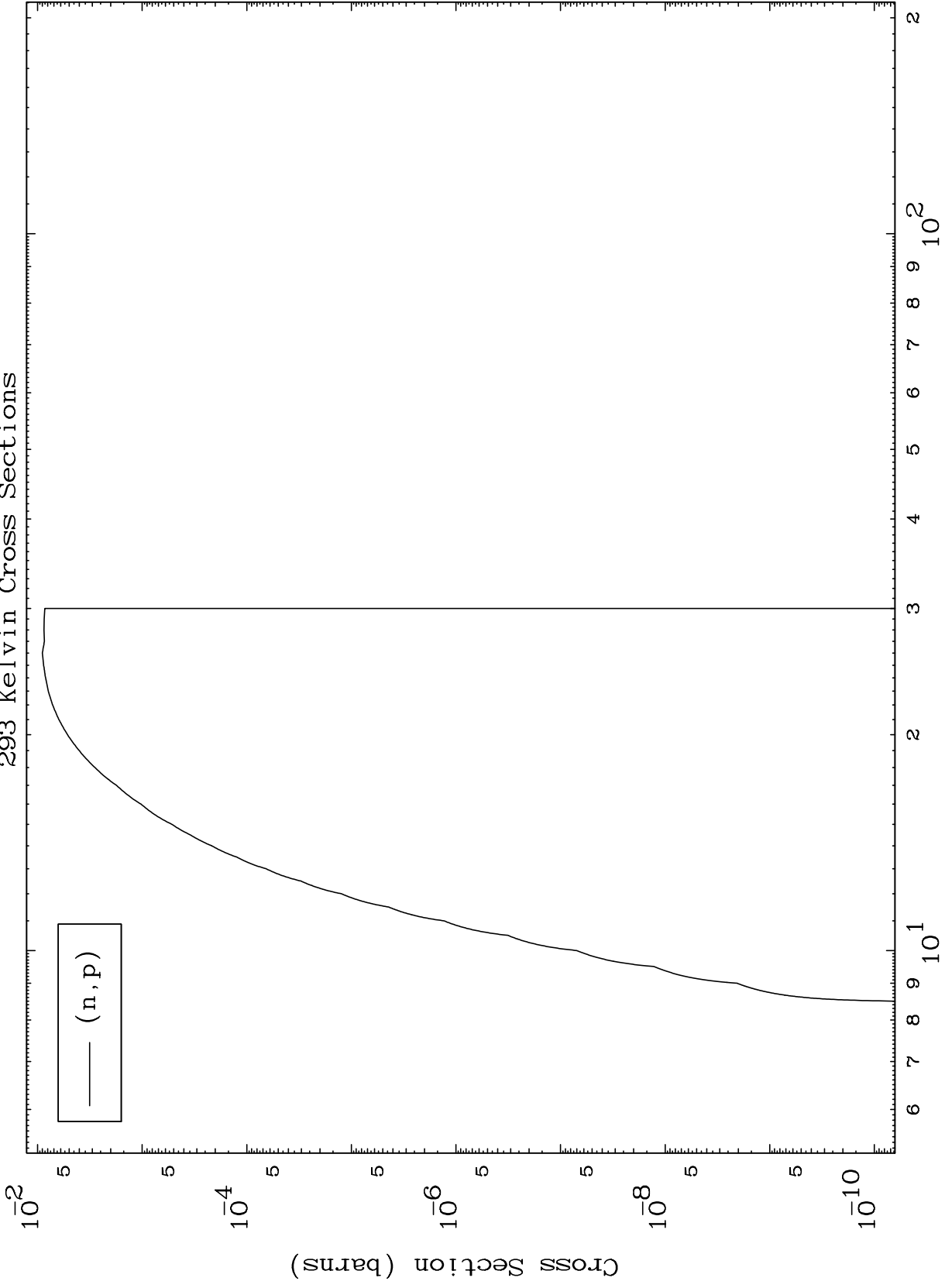
Incident Energy (MeV)

66-Dy-171

MAT 6670

(n,p) Levels  
293 Kelvin Cross Sections

66-Dy-171



12

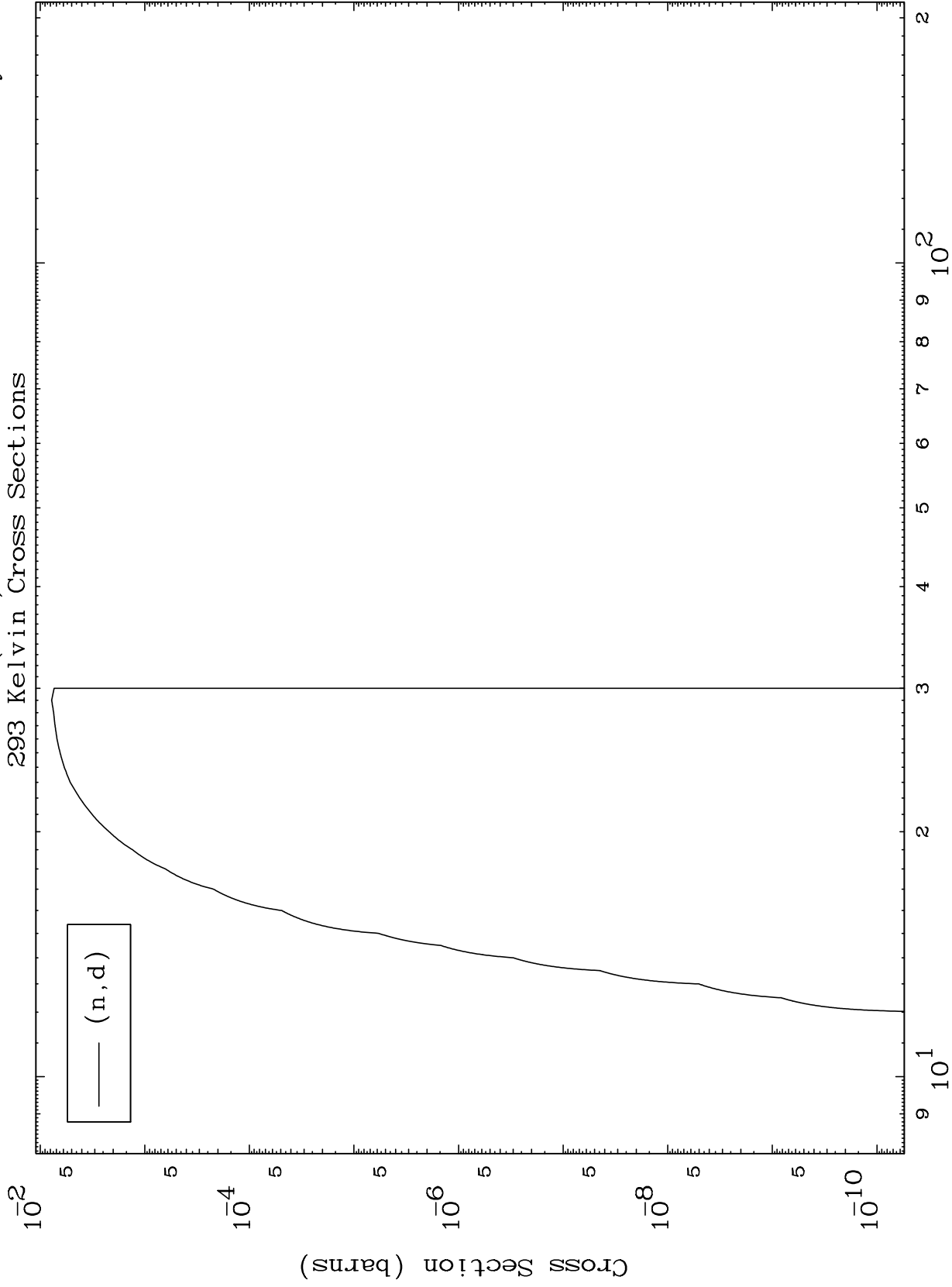
Incident Energy (MeV)

66-Dy-171

MAT 6670

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-171



13

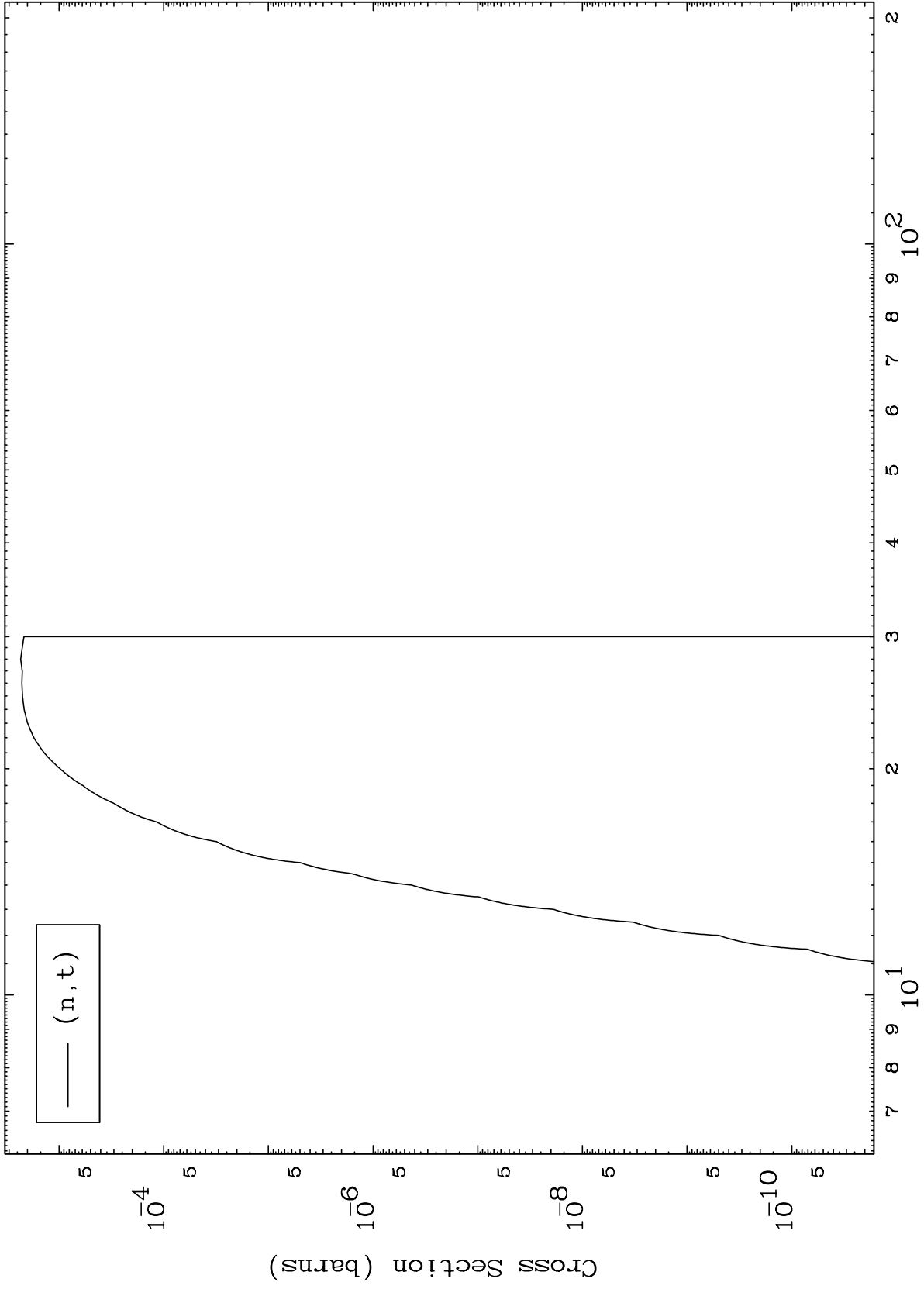
Incident Energy (MeV)

66-Dy-171

MAT 6670

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-171



14

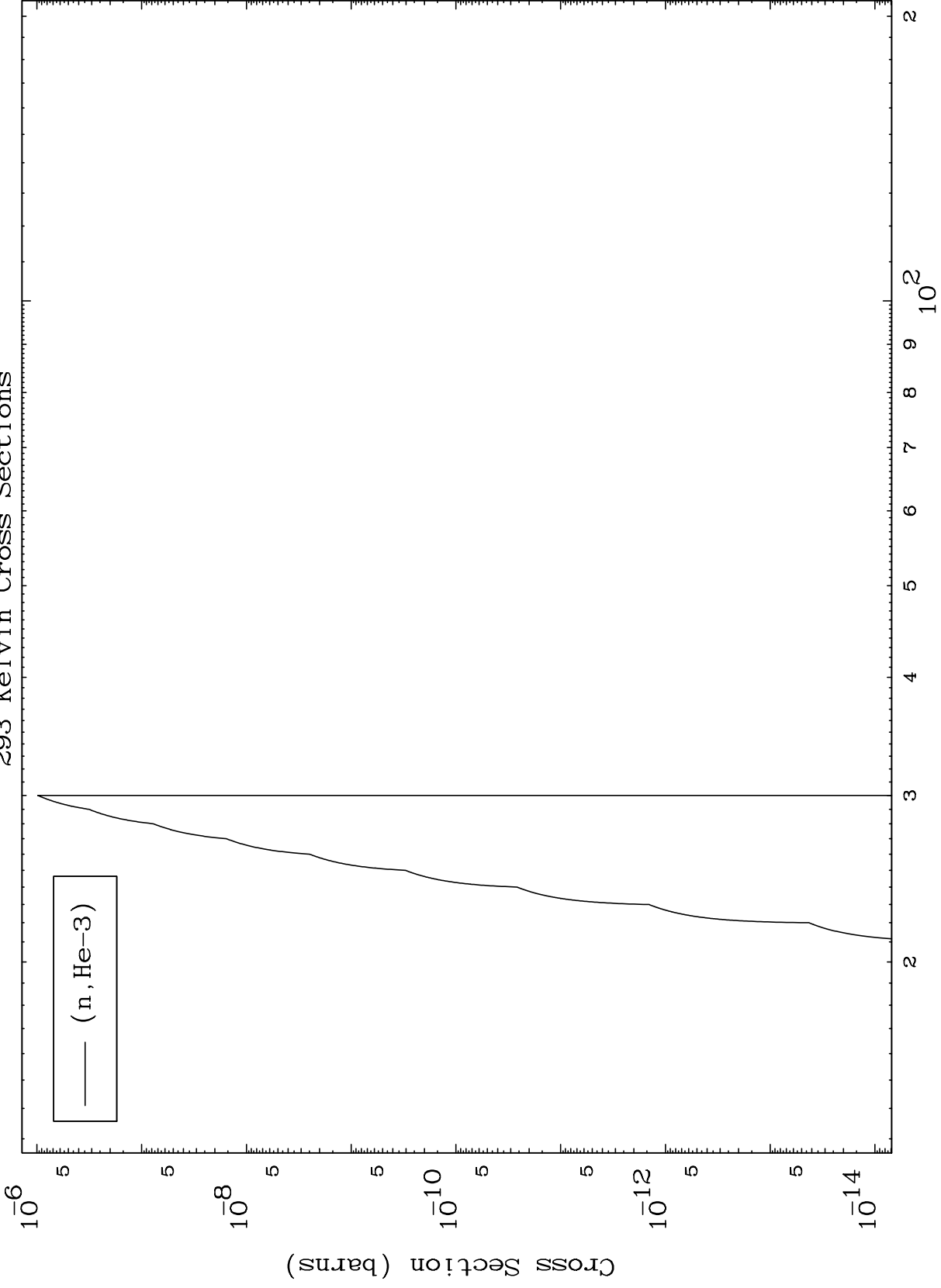
Incident Energy (MeV)

66-Dy-171

MAT 6670

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-171



15

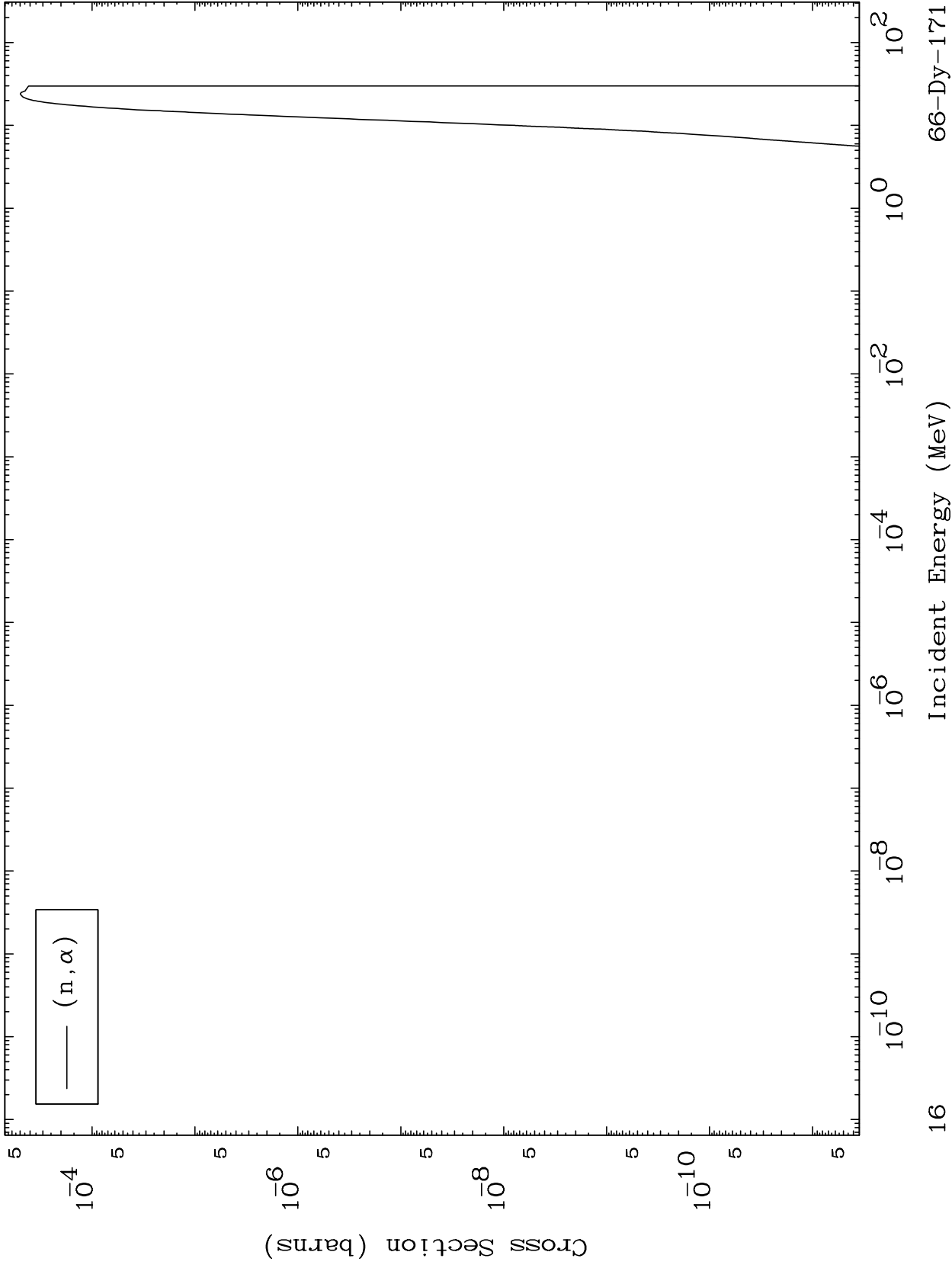
Incident Energy (MeV)

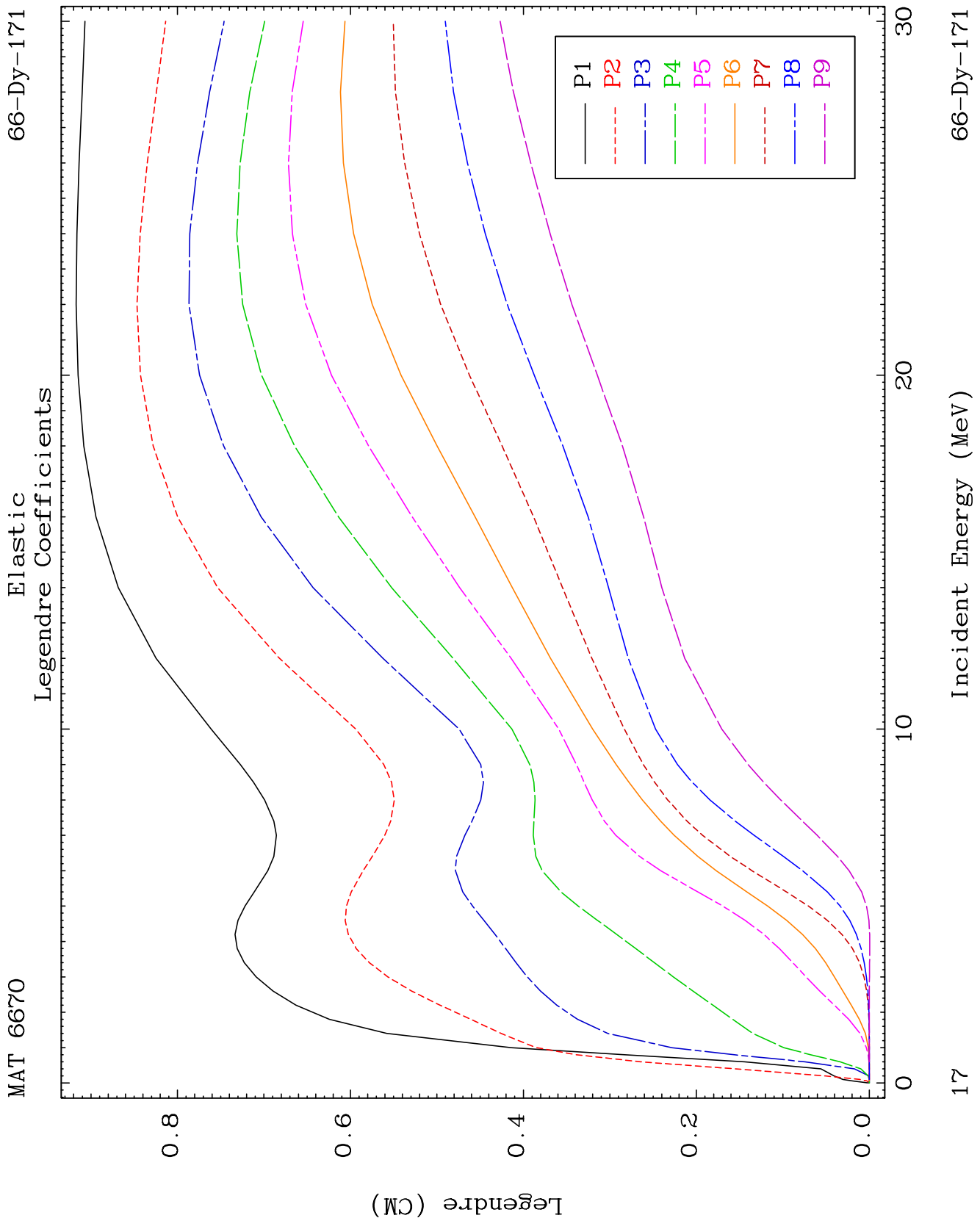
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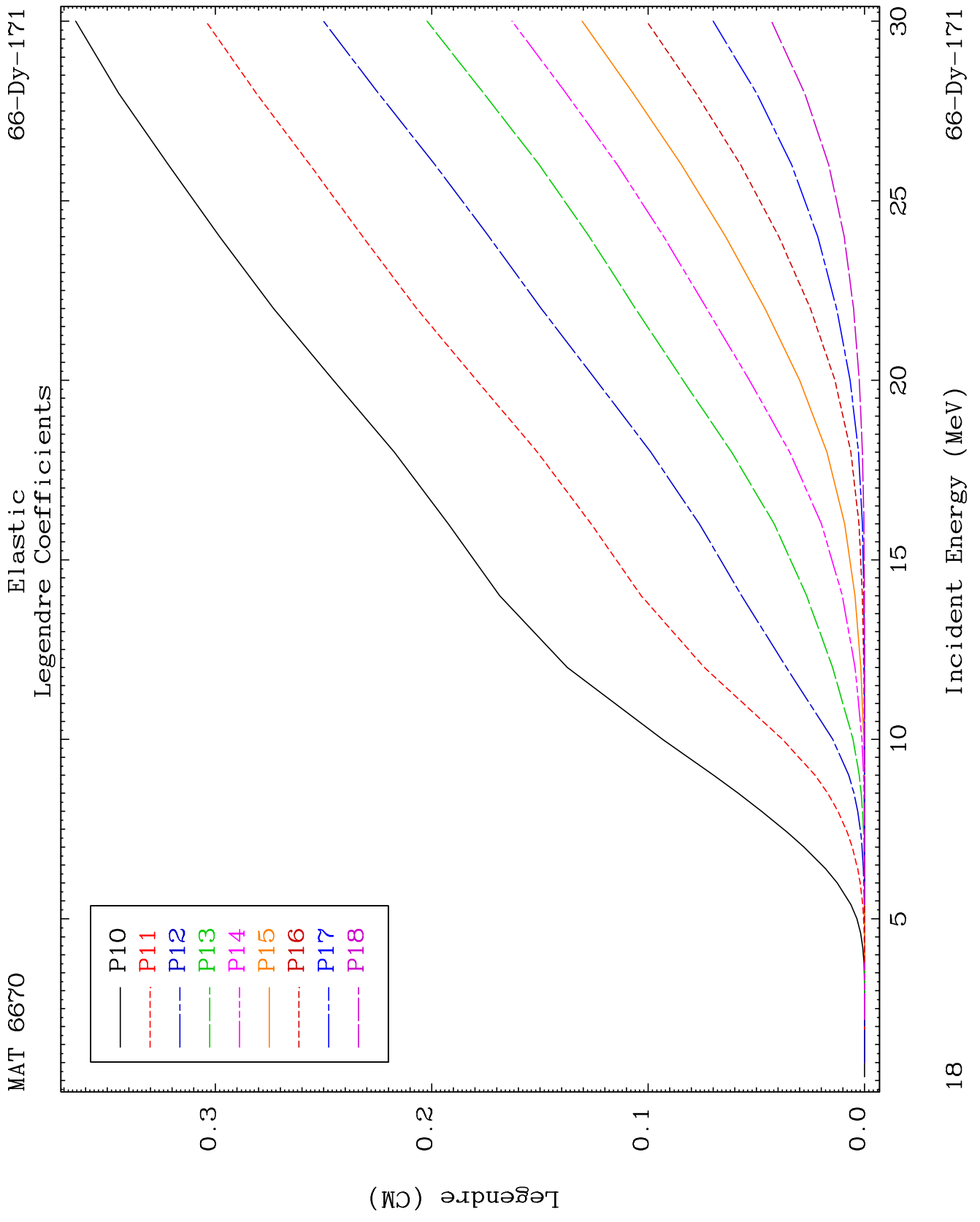
MAT 6670

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

66-Dy-171



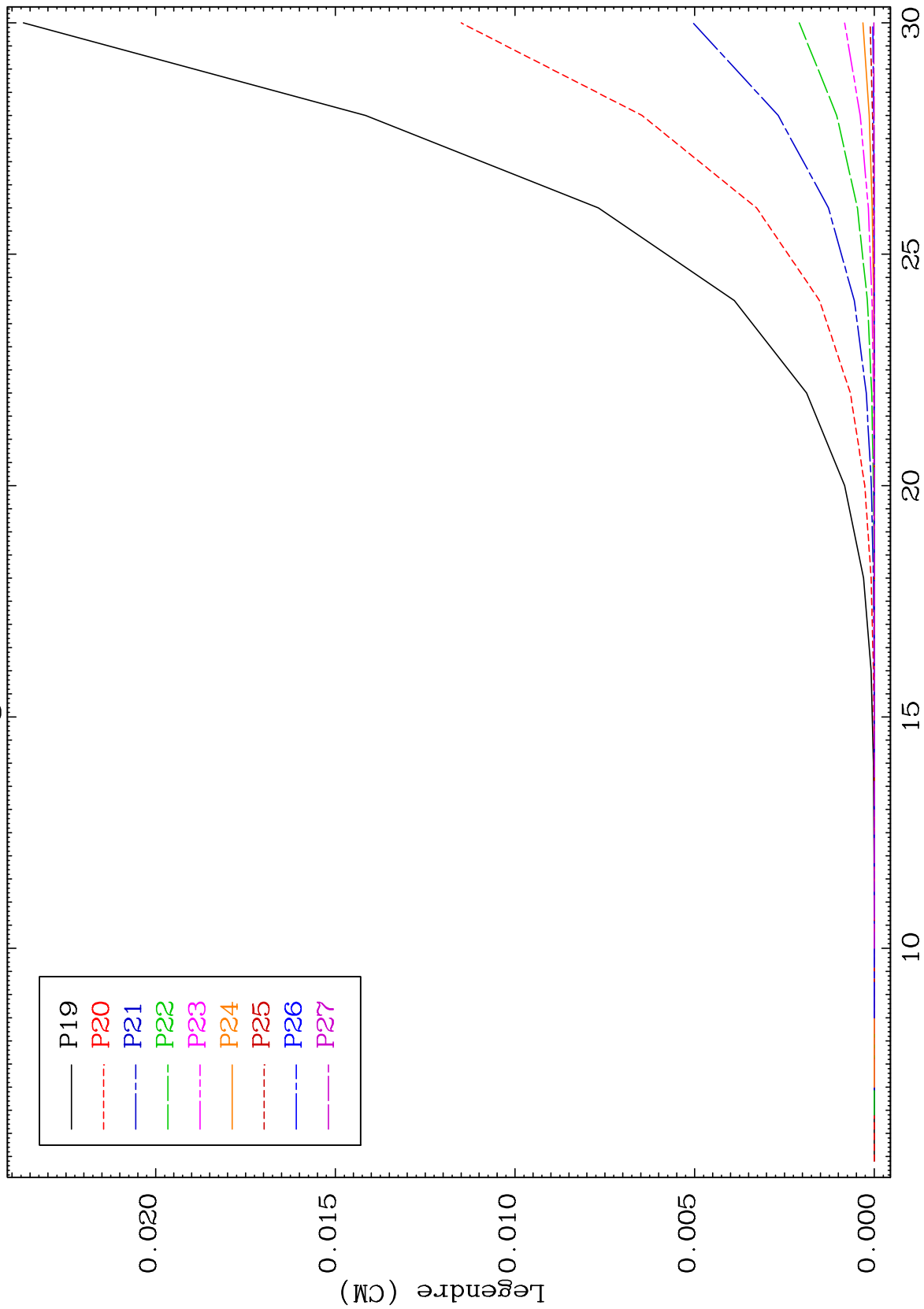




MAT 6670

### Elastic Legendre Coefficients

66-Dy-171



19

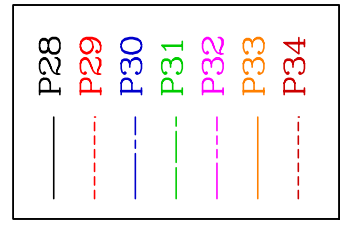
Incident Energy (MeV)

66-Dy-171

MAT 6670

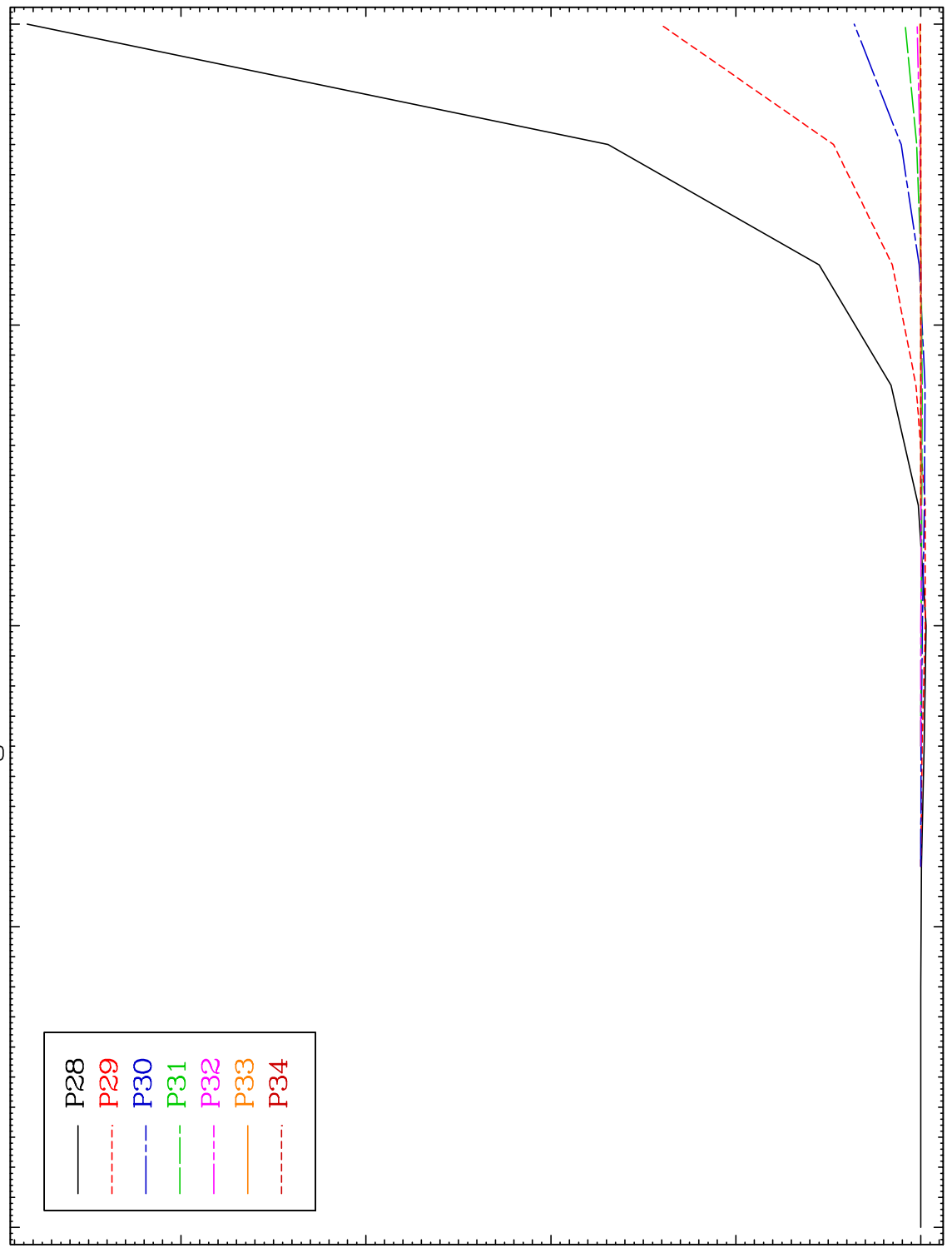
Elastic  
Legendre Coefficients

66-Dy-171



$\times 10^{-6}$

Legendre (CM)



20

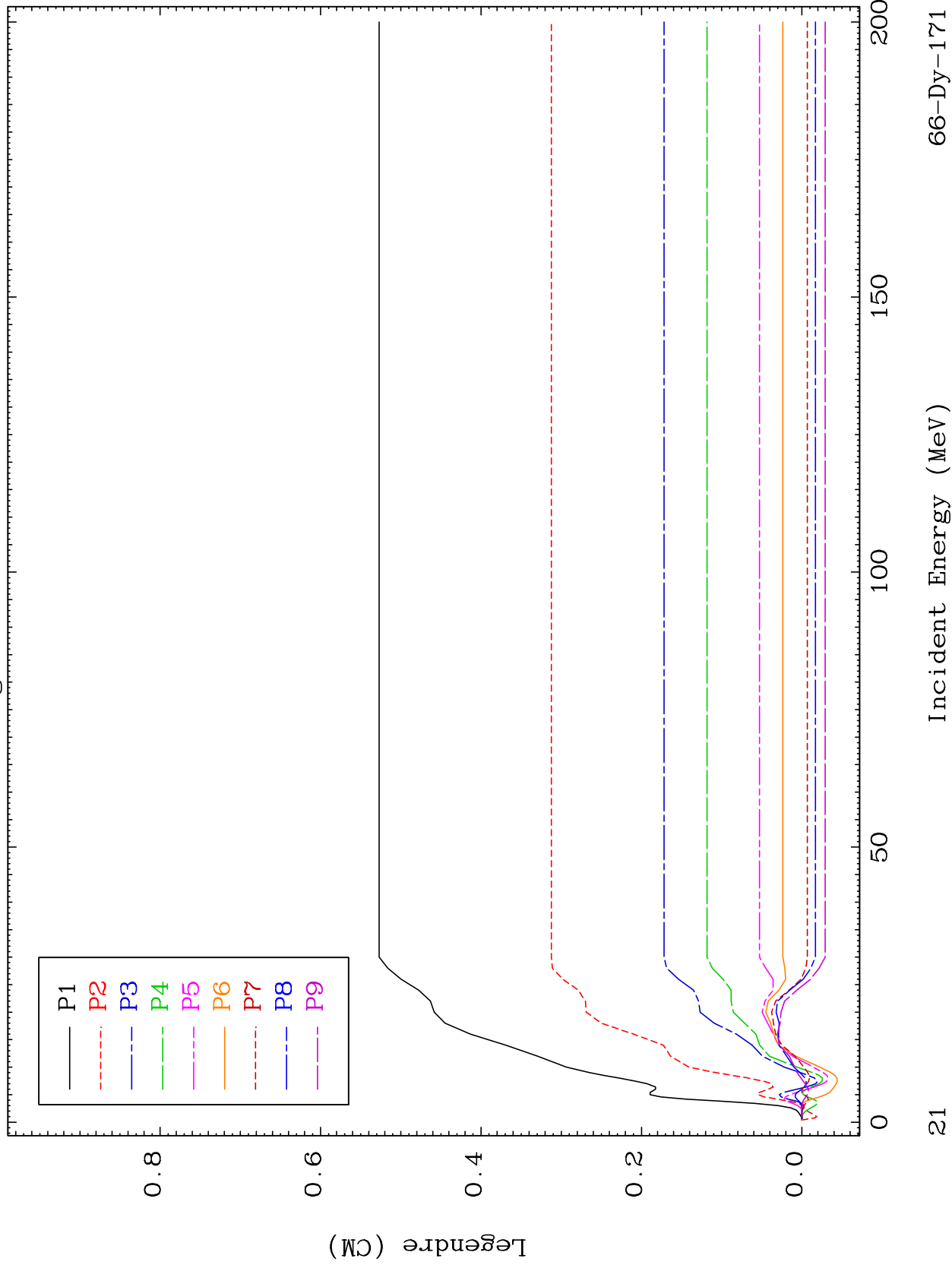
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



21

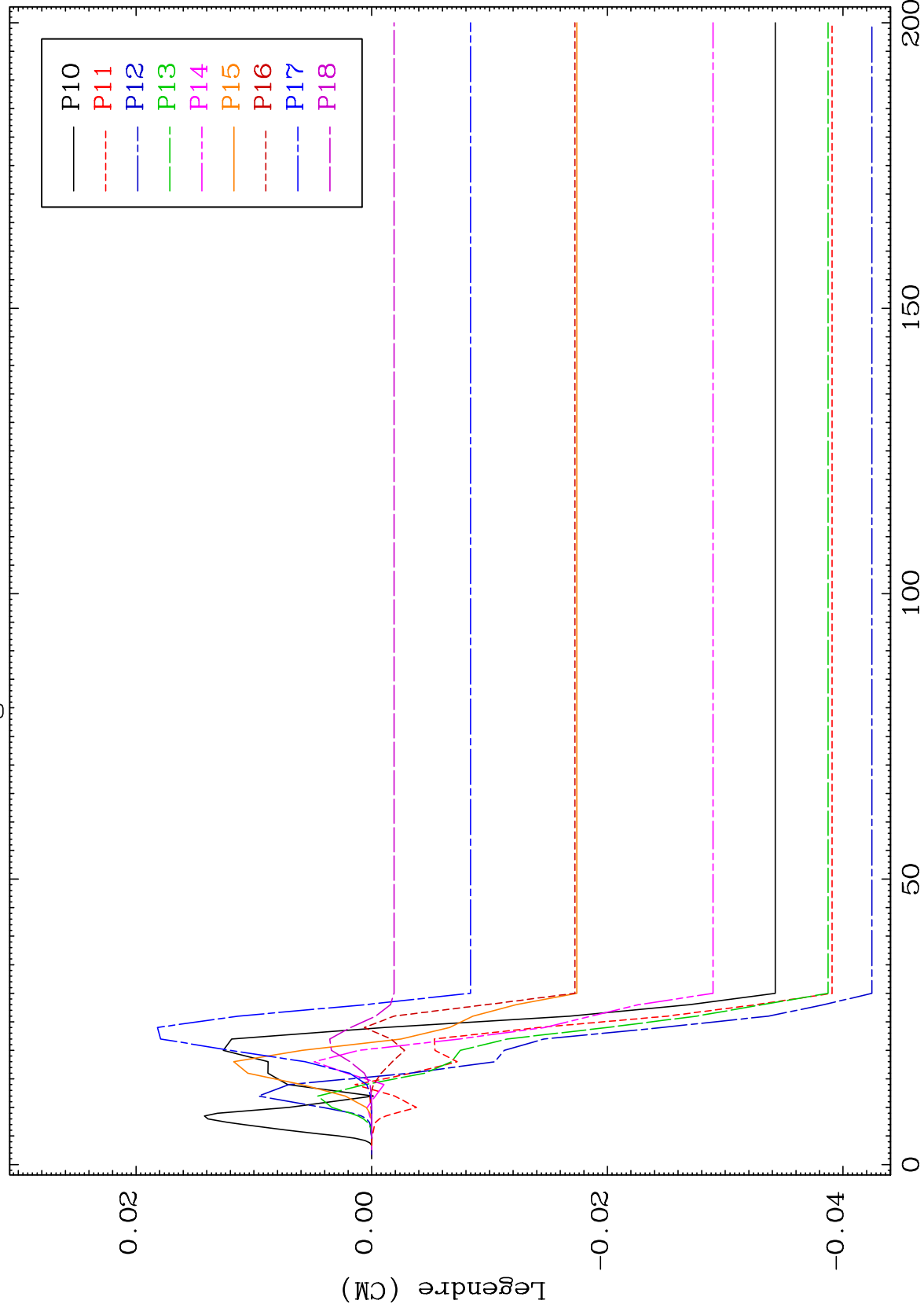
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

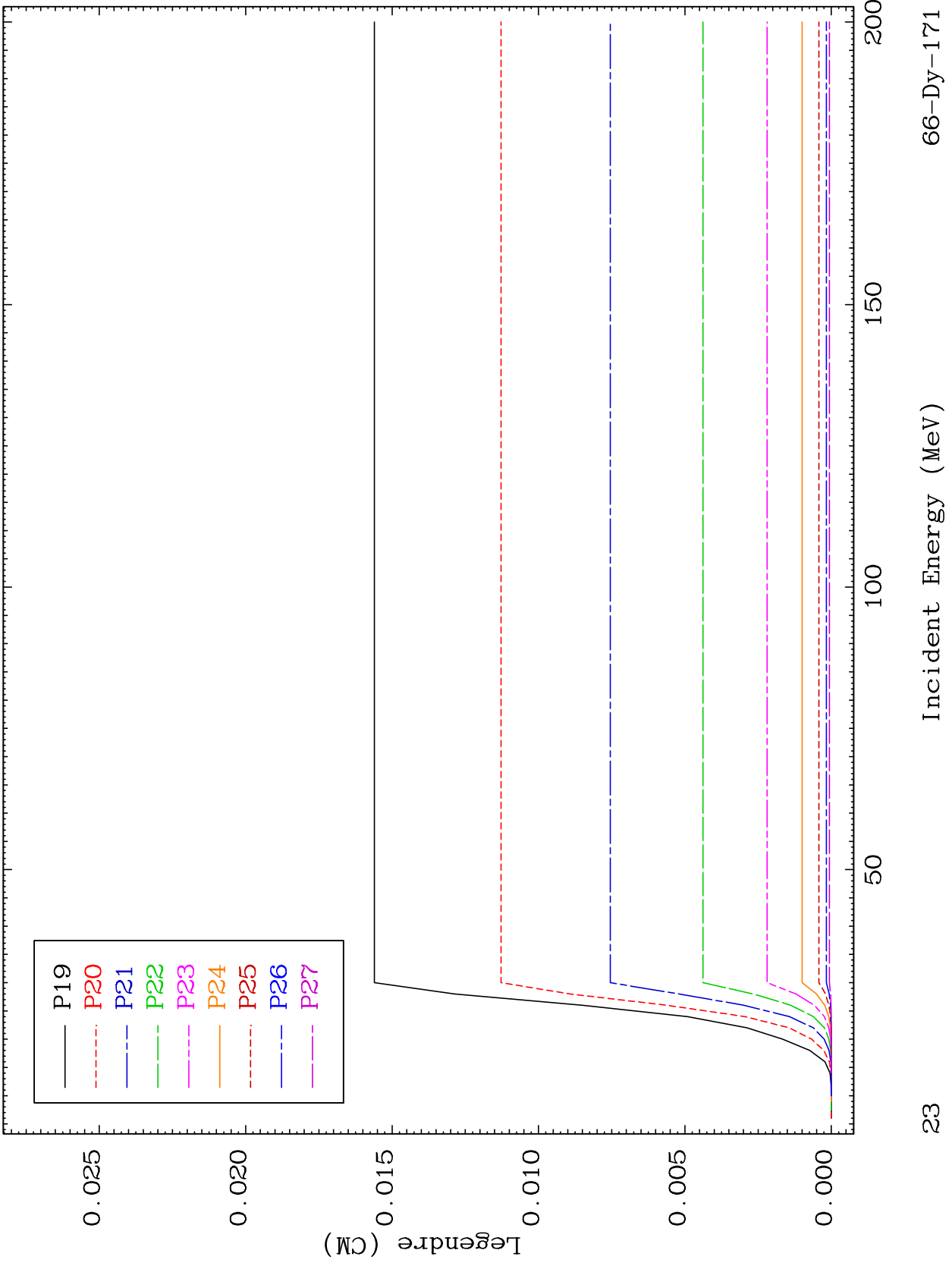
66-Dy-171



22

Incident Energy (MeV)

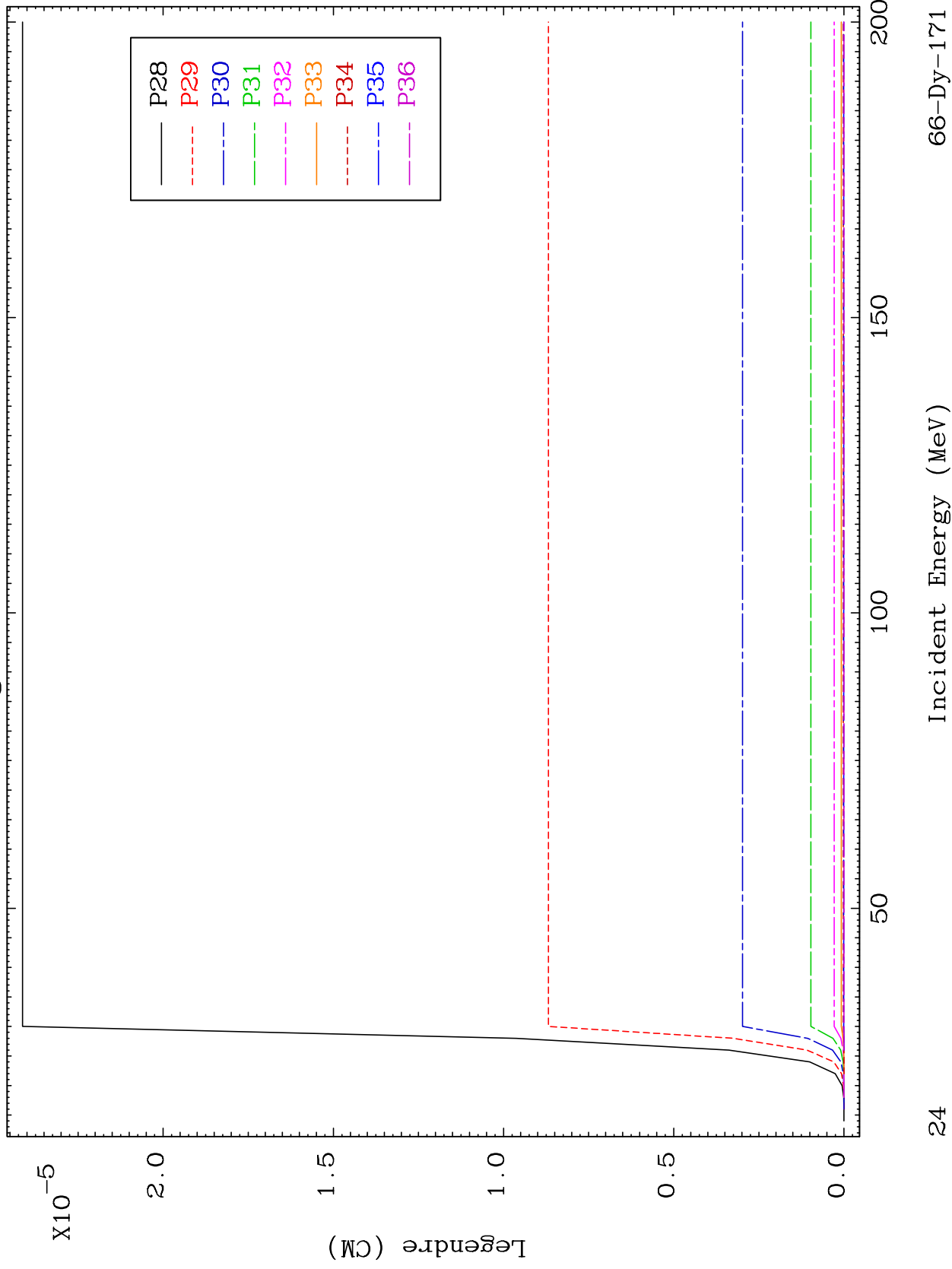
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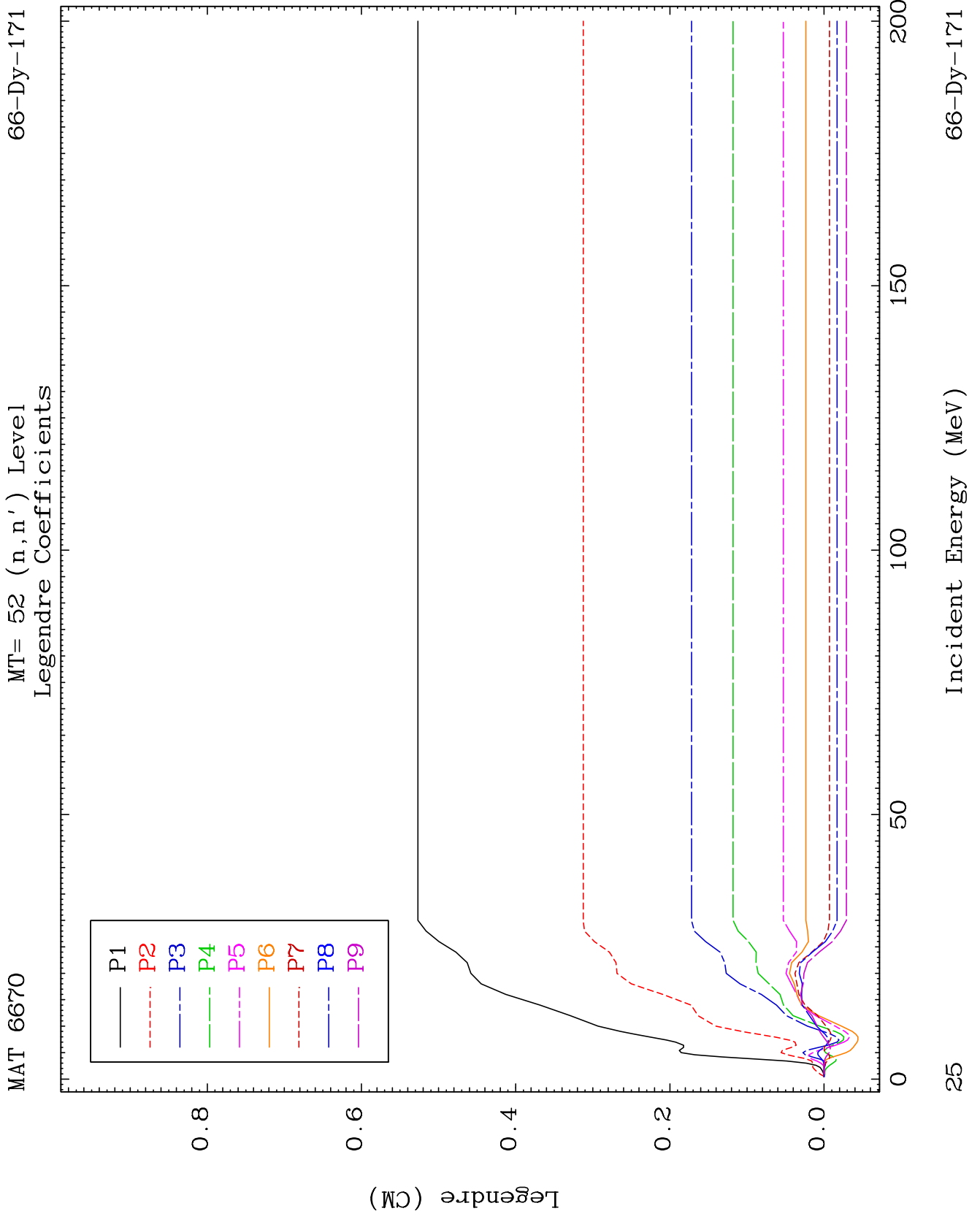


MAT 6670

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

66-Dy-171

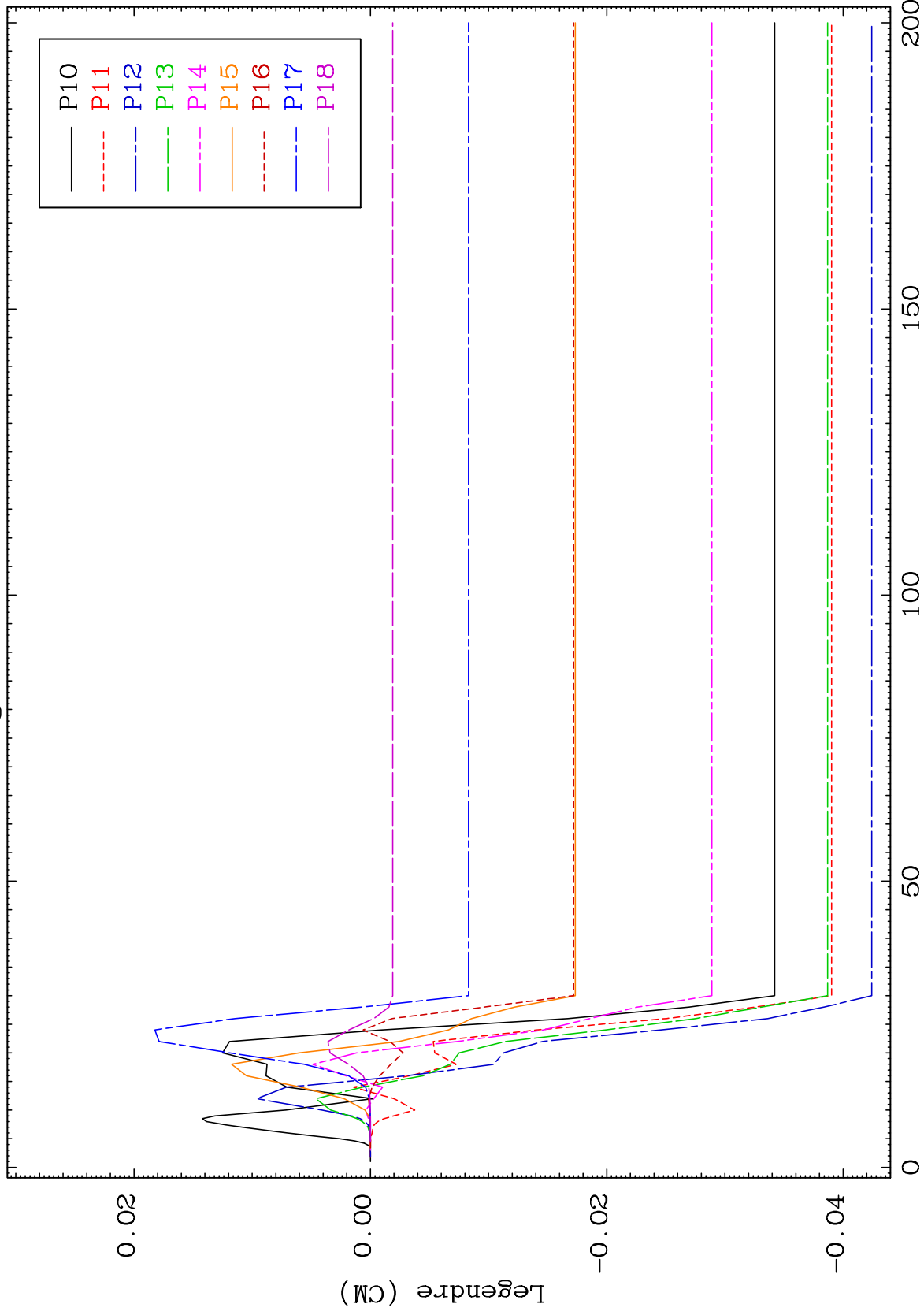




MAT 6670

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

66-Dy-171



26

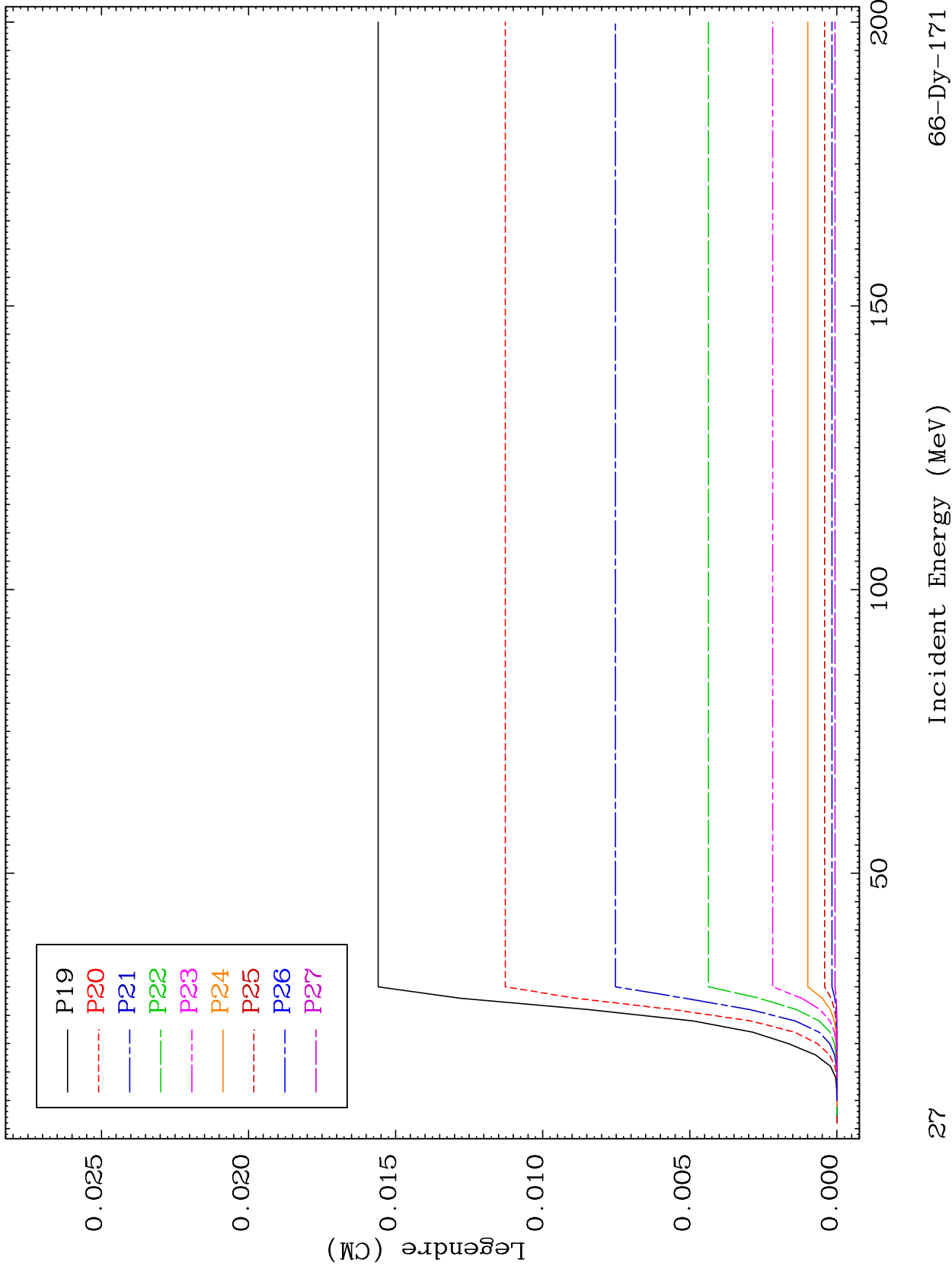
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

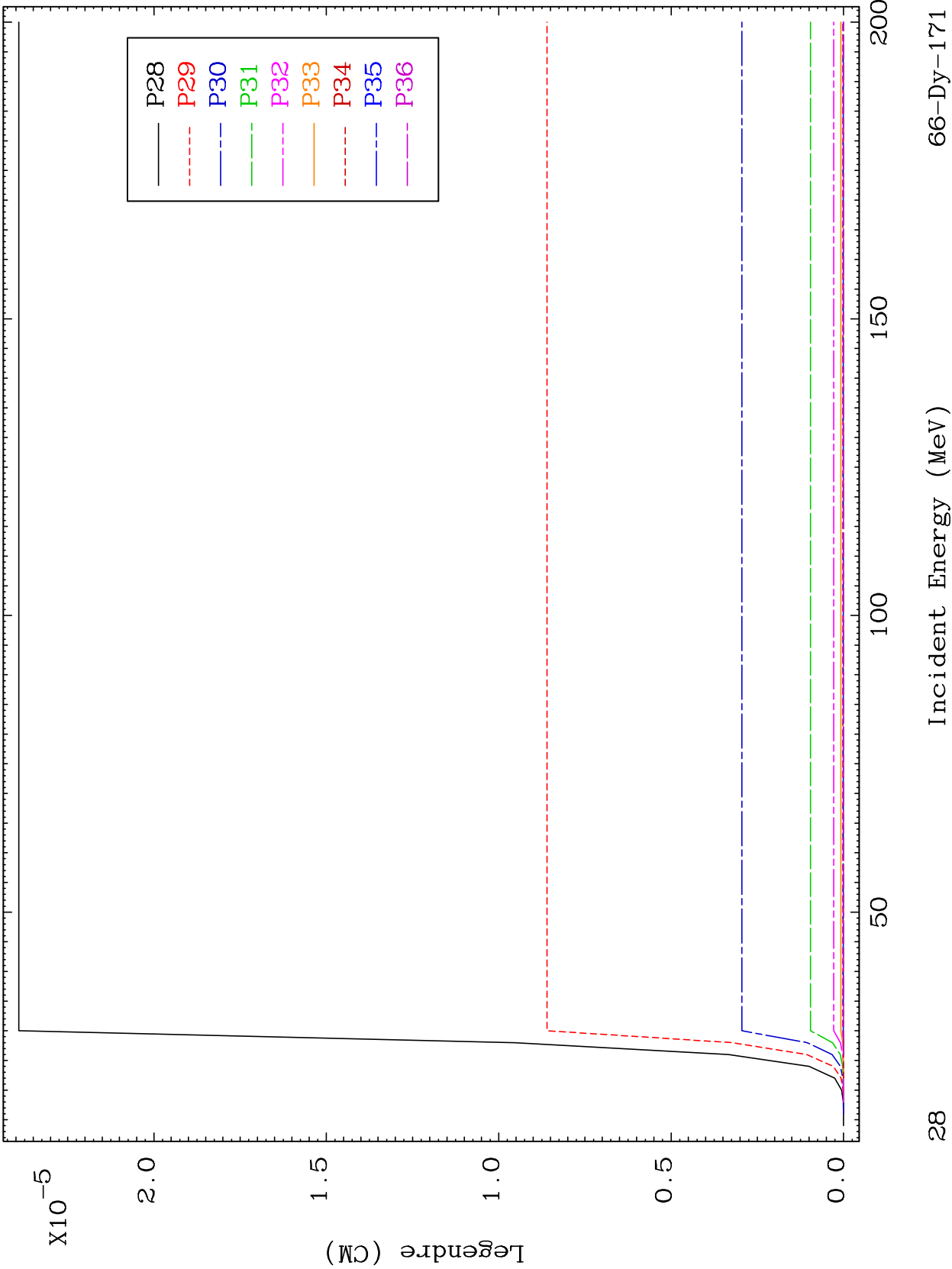
66-Dy-171



MAT 6670

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

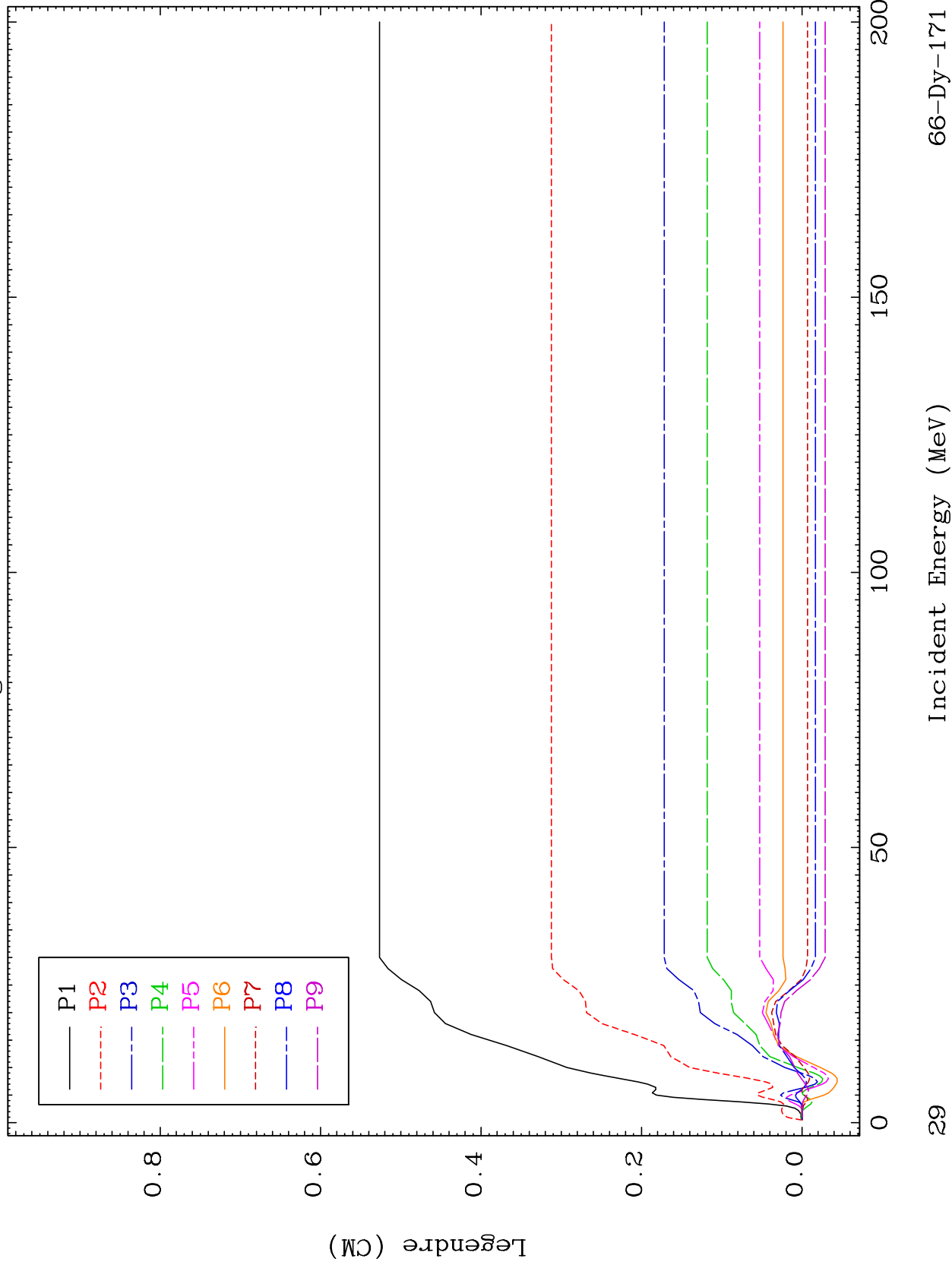
66-Dy-171



MAT 6670

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

66-Dy-171

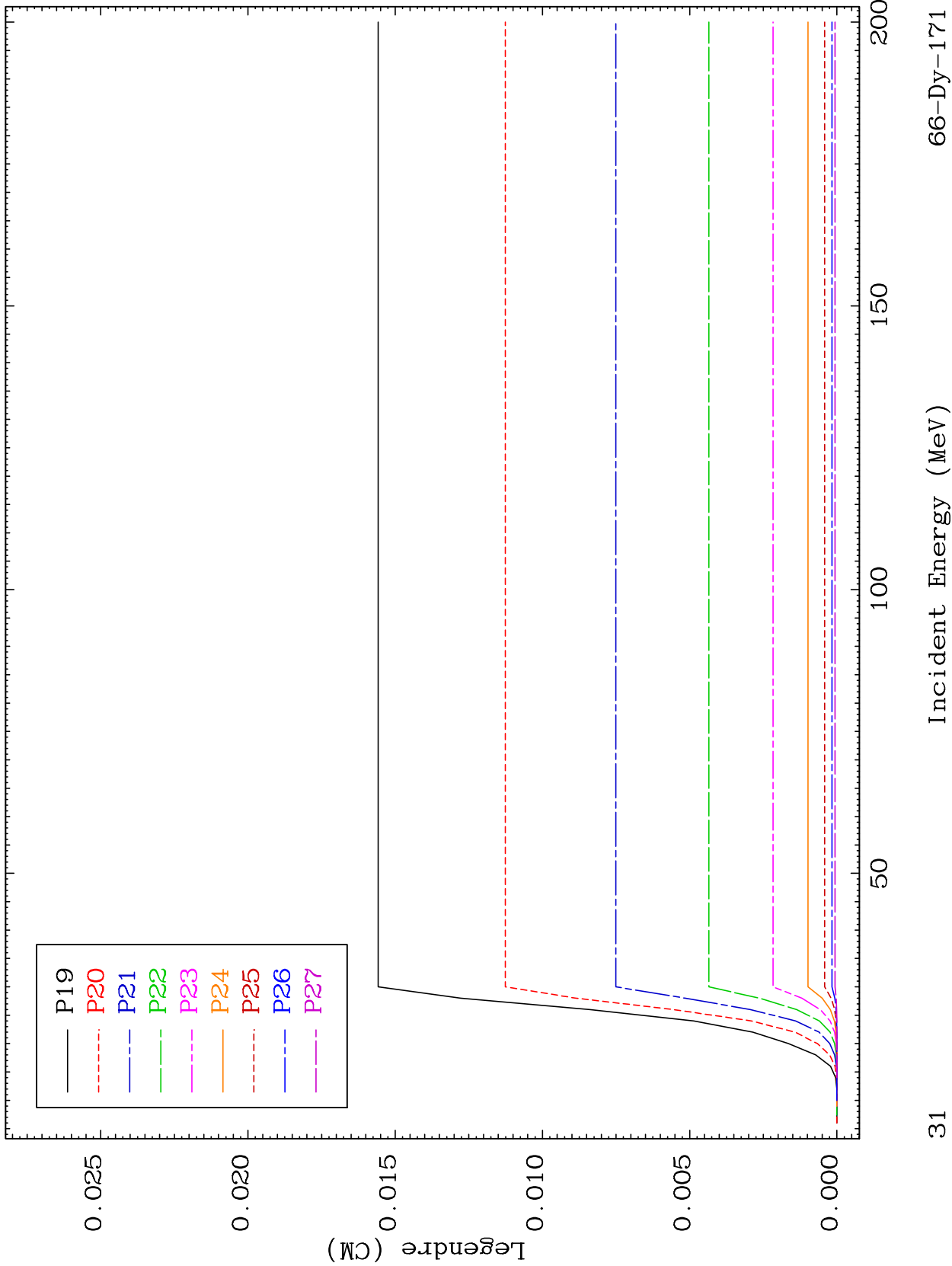


29

Incident Energy (MeV)

66-Dy-171

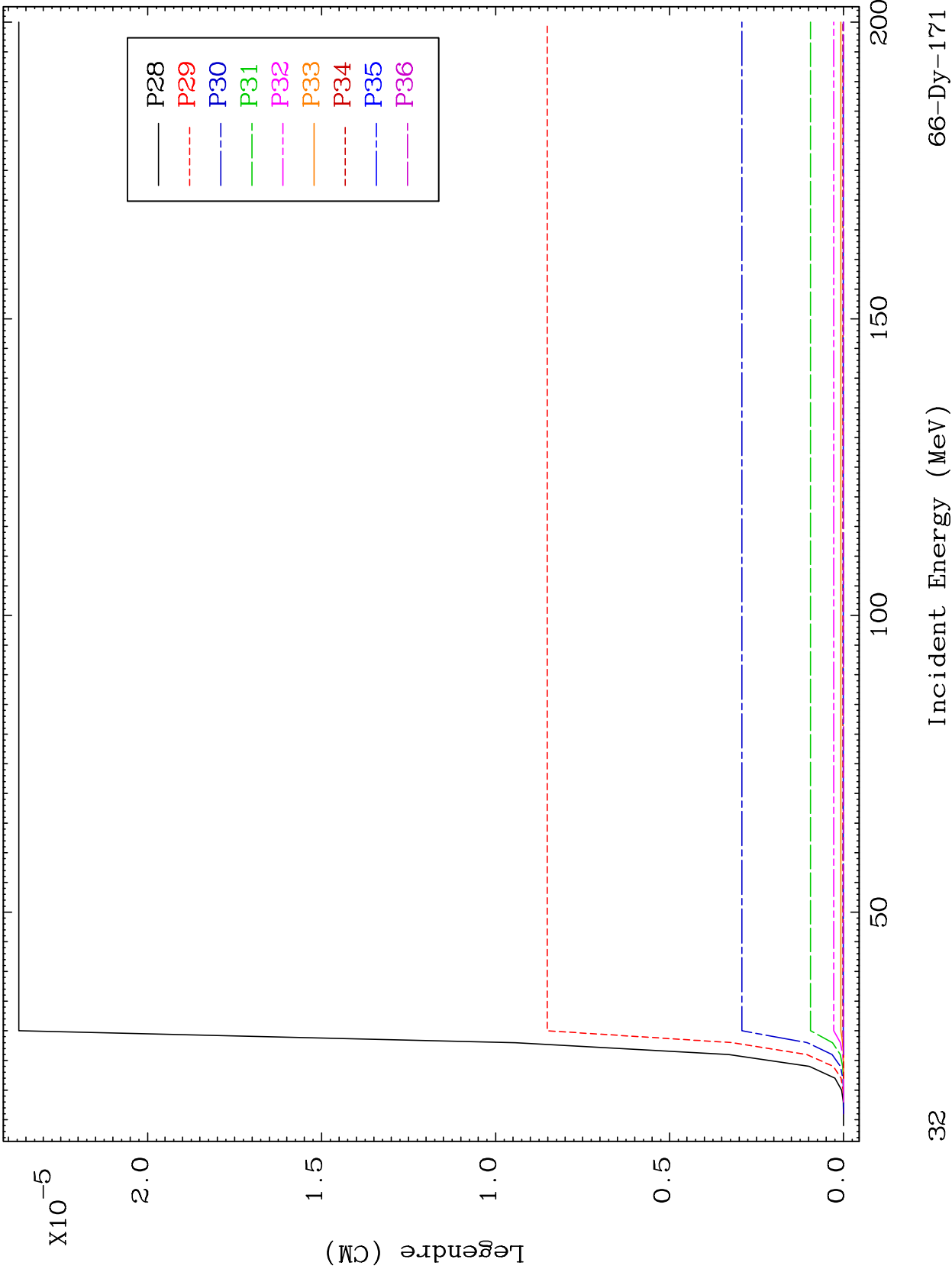




MAT 6670

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

66-Dy-171



32

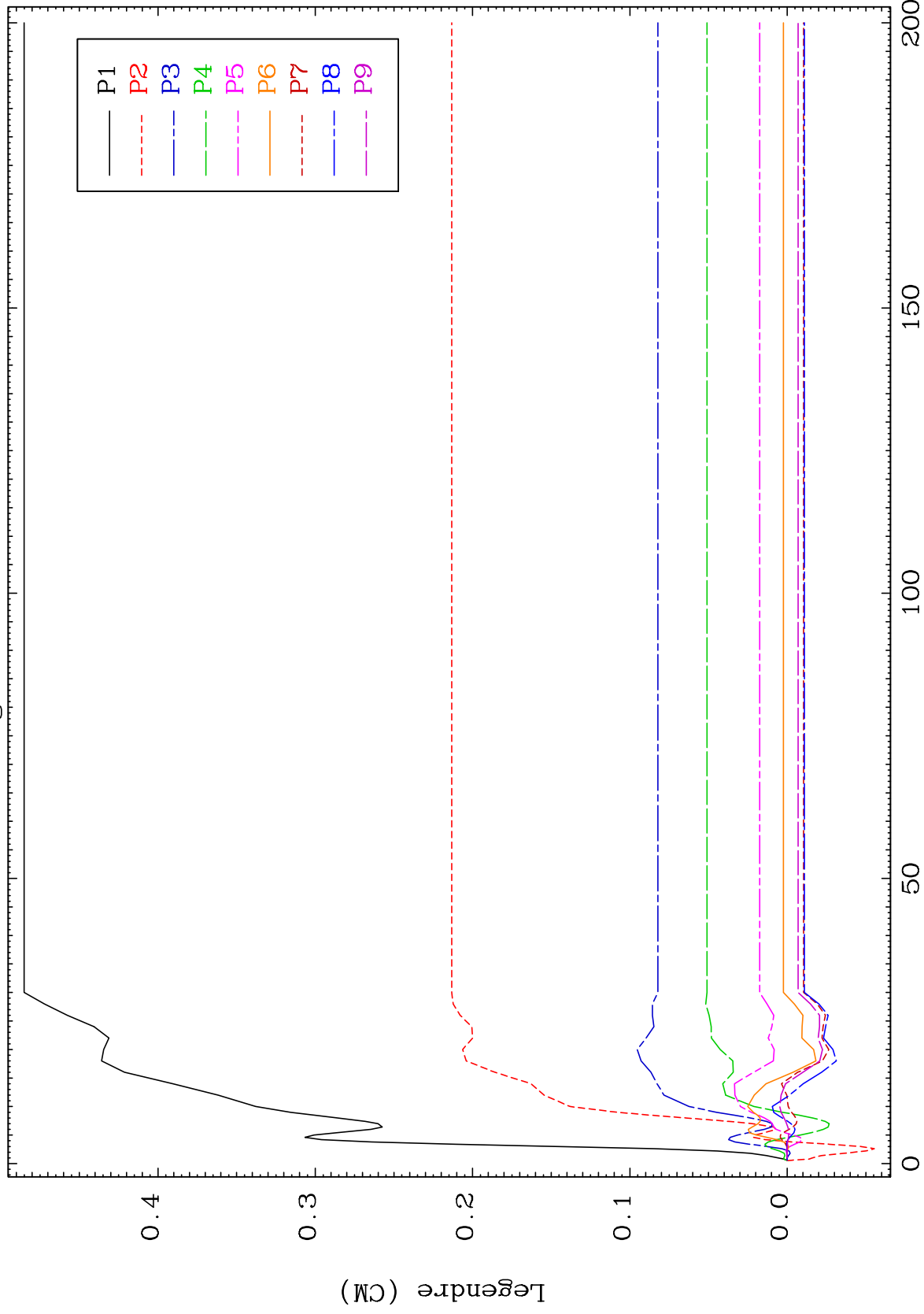
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



33

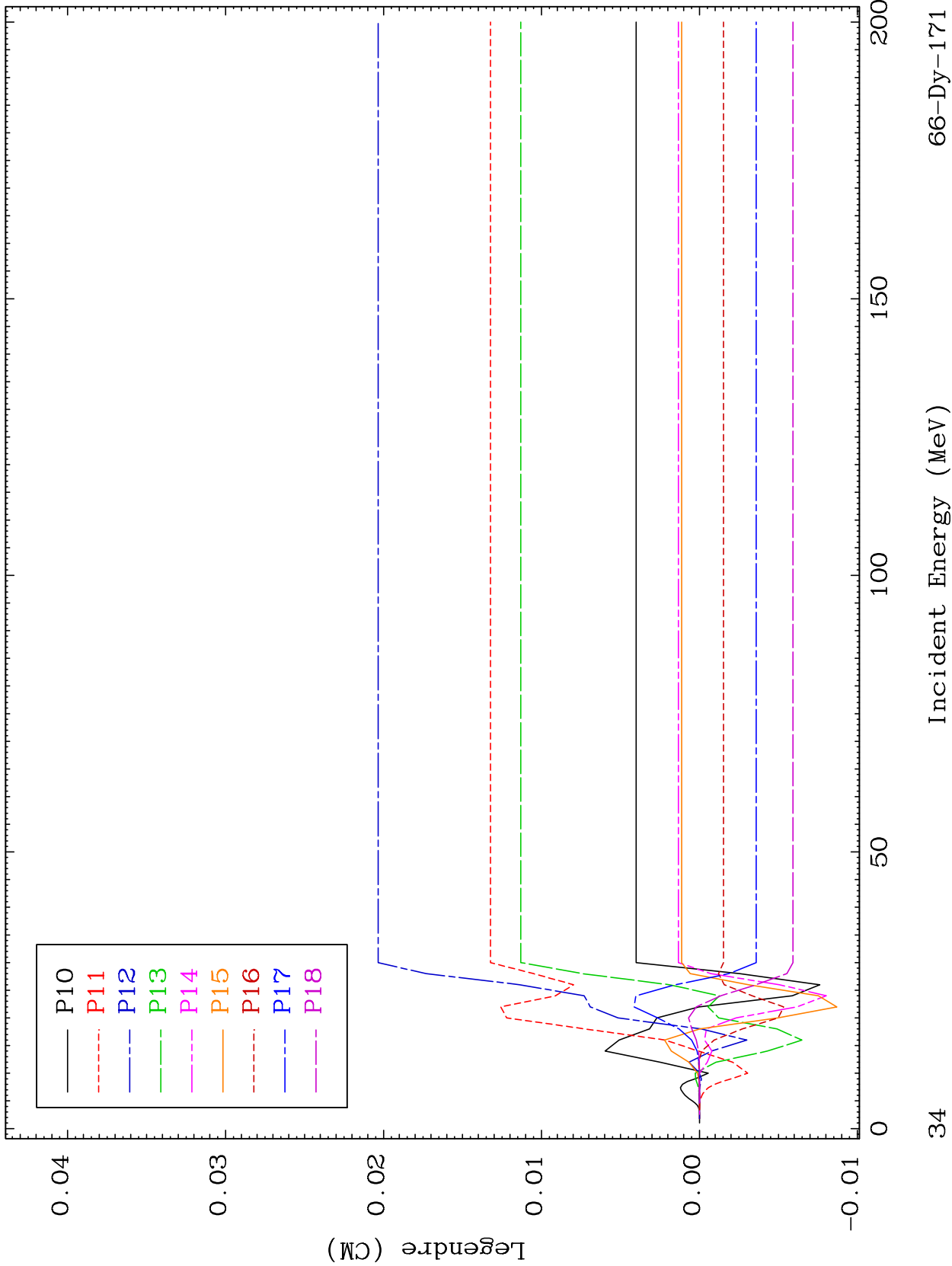
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



34

Incident Energy (MeV)

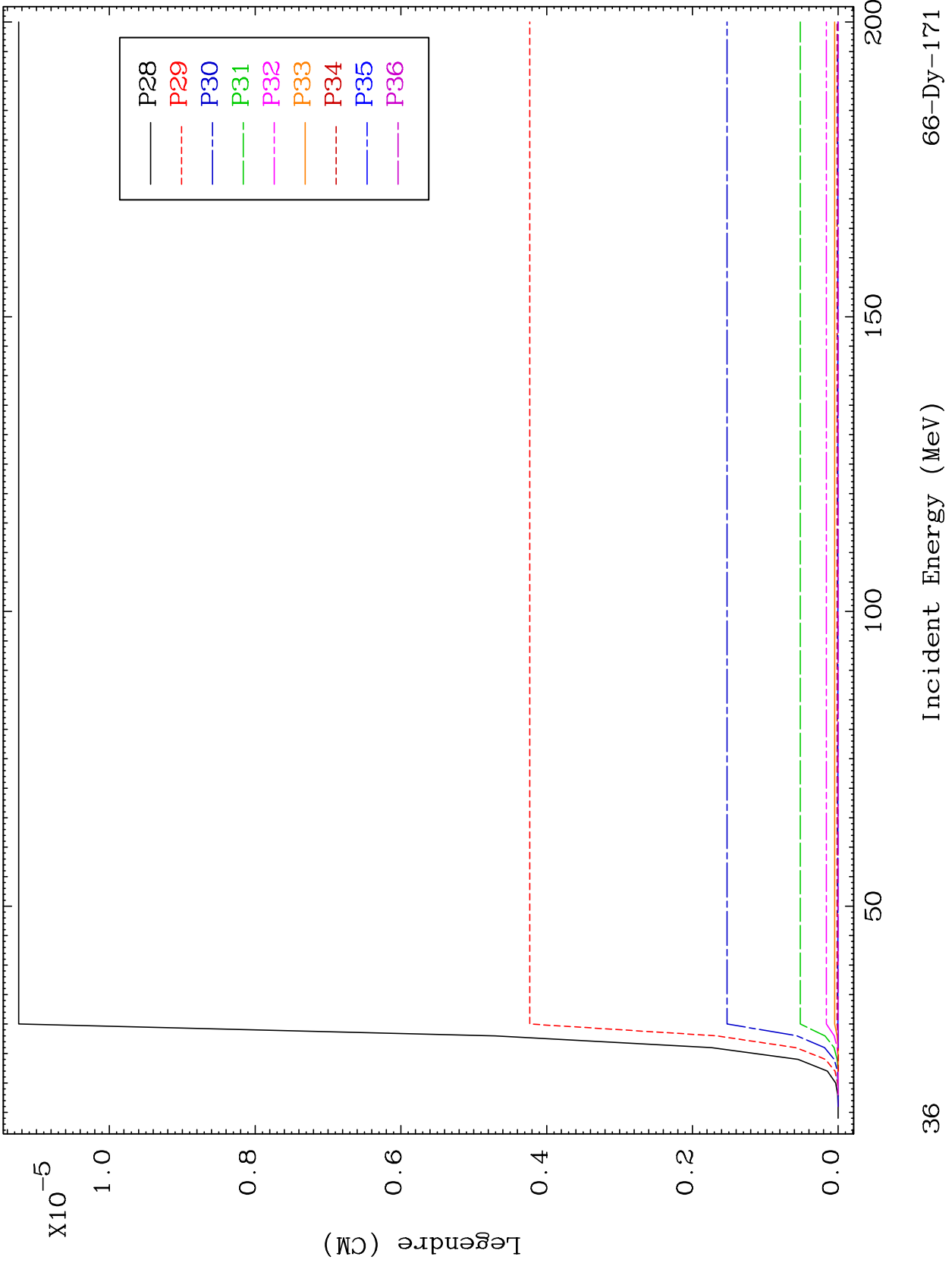
66-Dy-171



MAT 6670

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

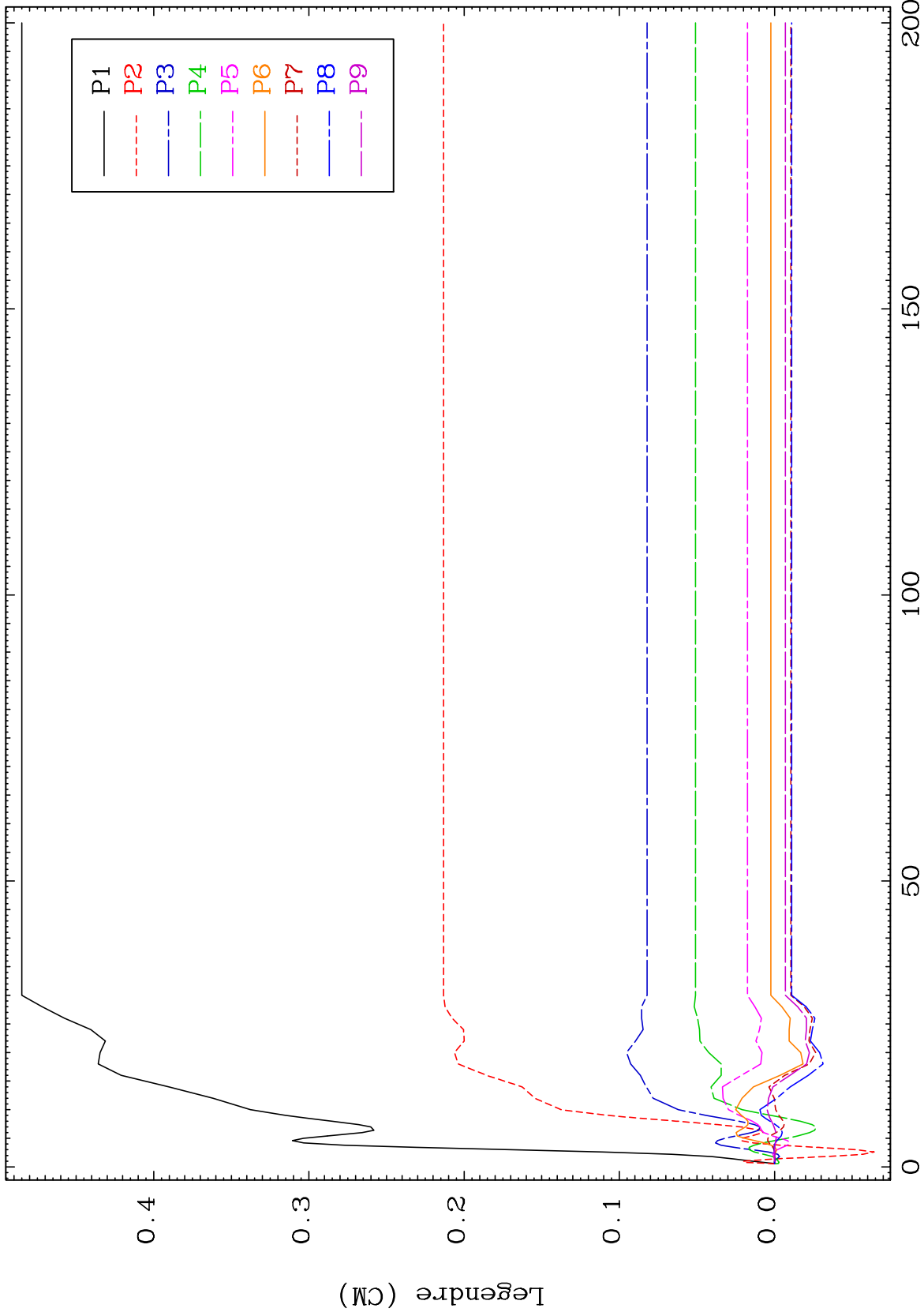
66-Dy-171



MAT 6670

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

66-Dy-171



37

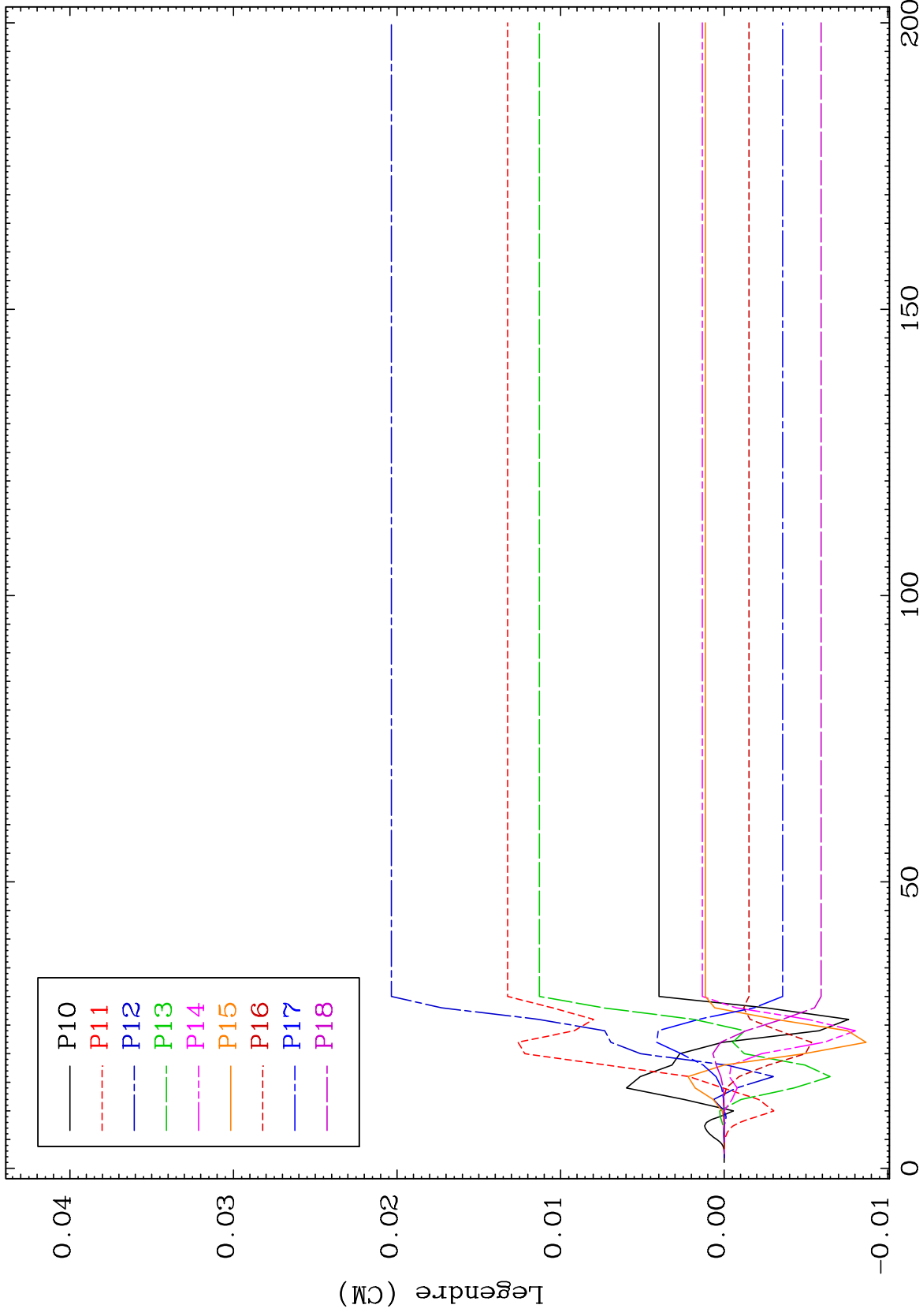
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

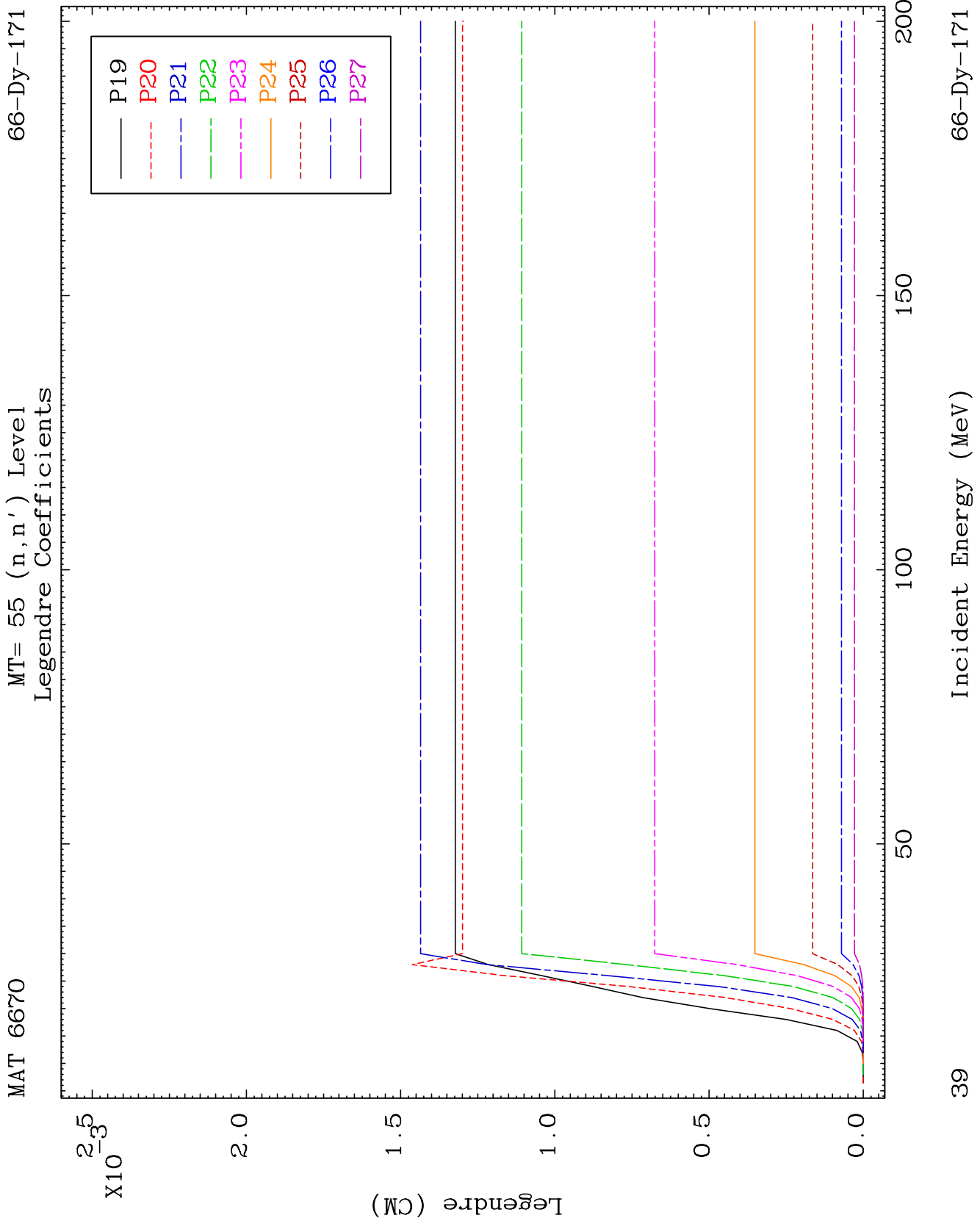
66-Dy-171



38

Incident Energy (MeV)

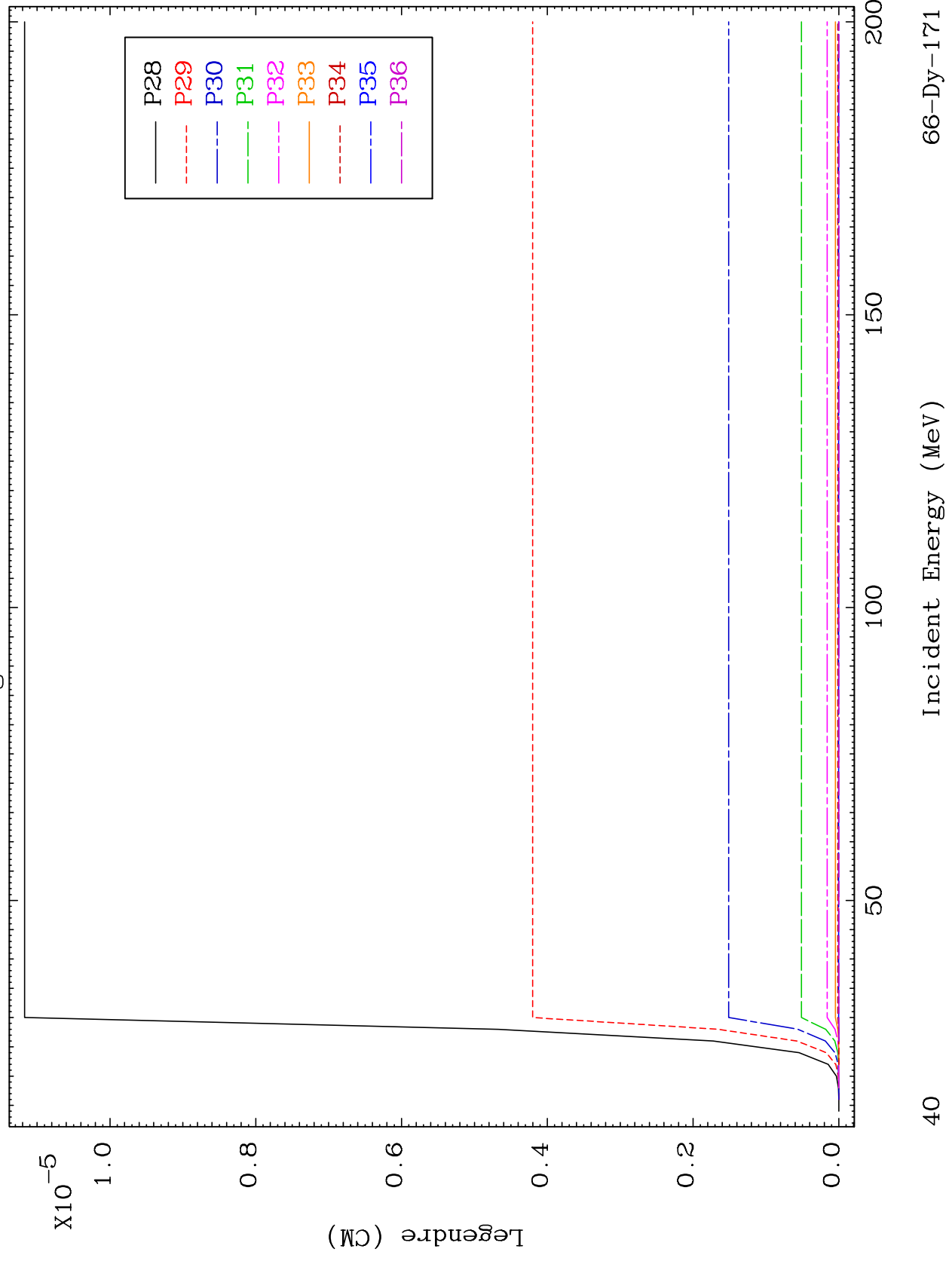
66-Dy-171



MAT 6670

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

66-Dy-171



40

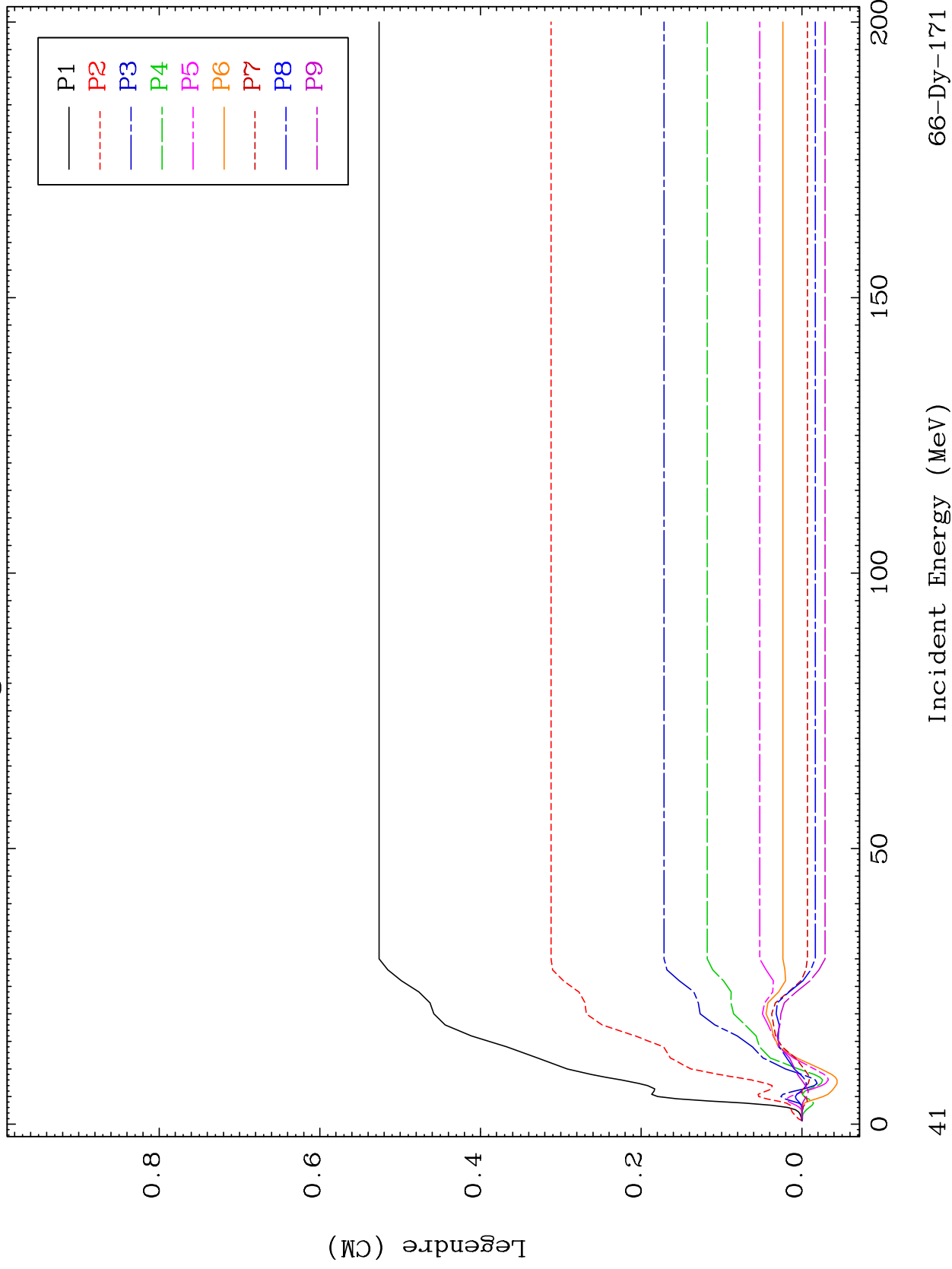
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

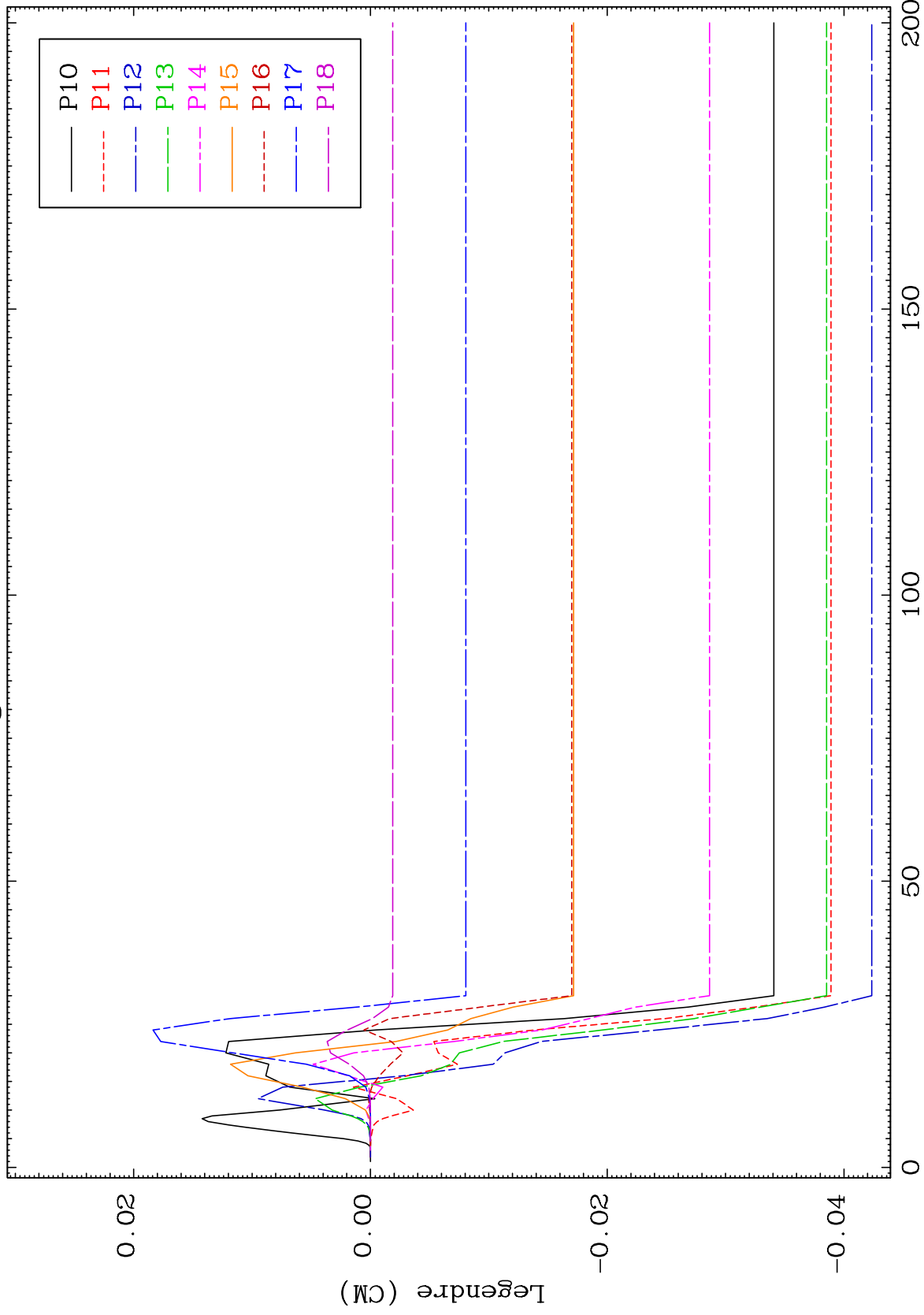
66-Dy-171



MAT 6670

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

66-Dy-171



42

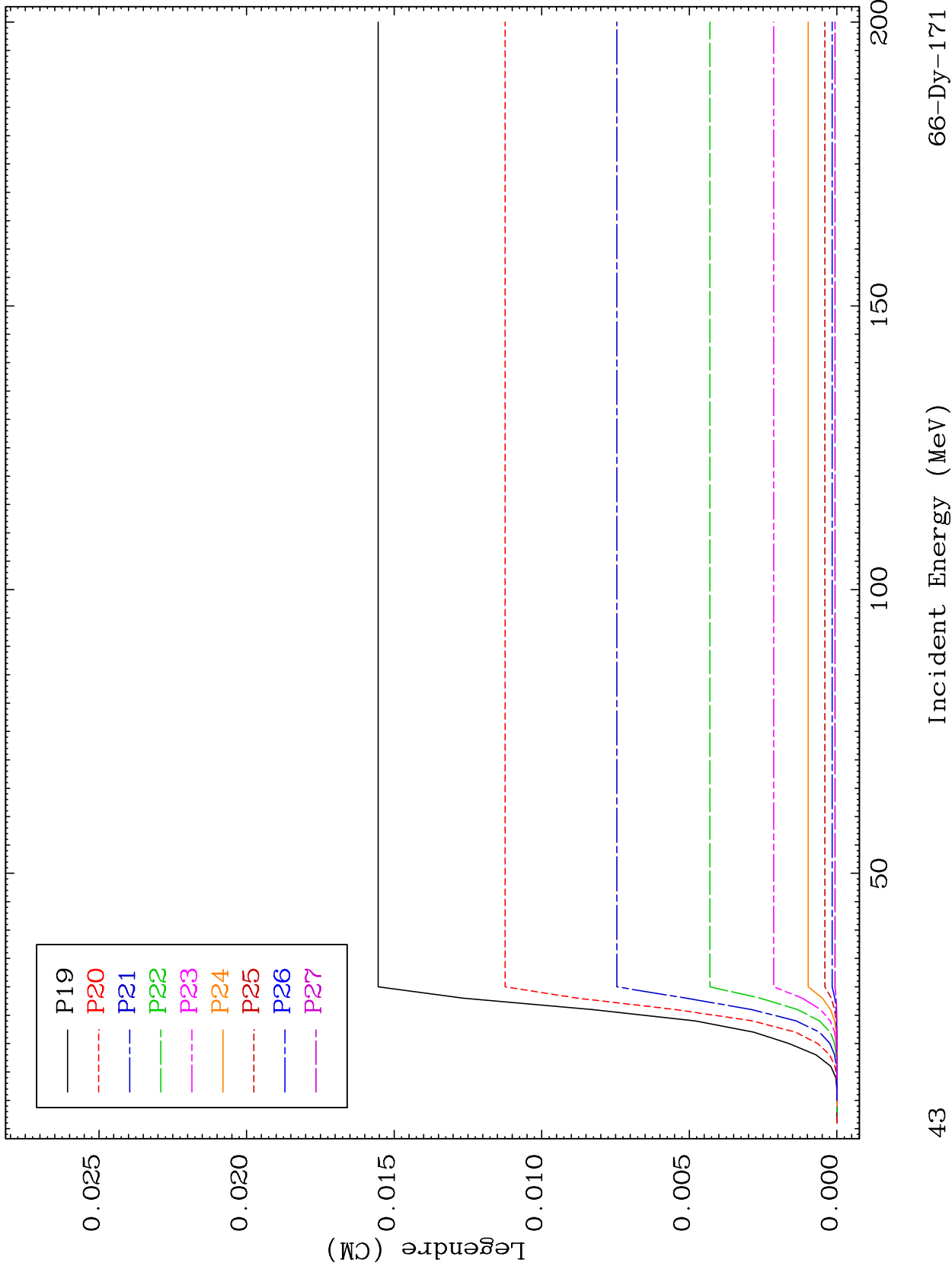
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



43

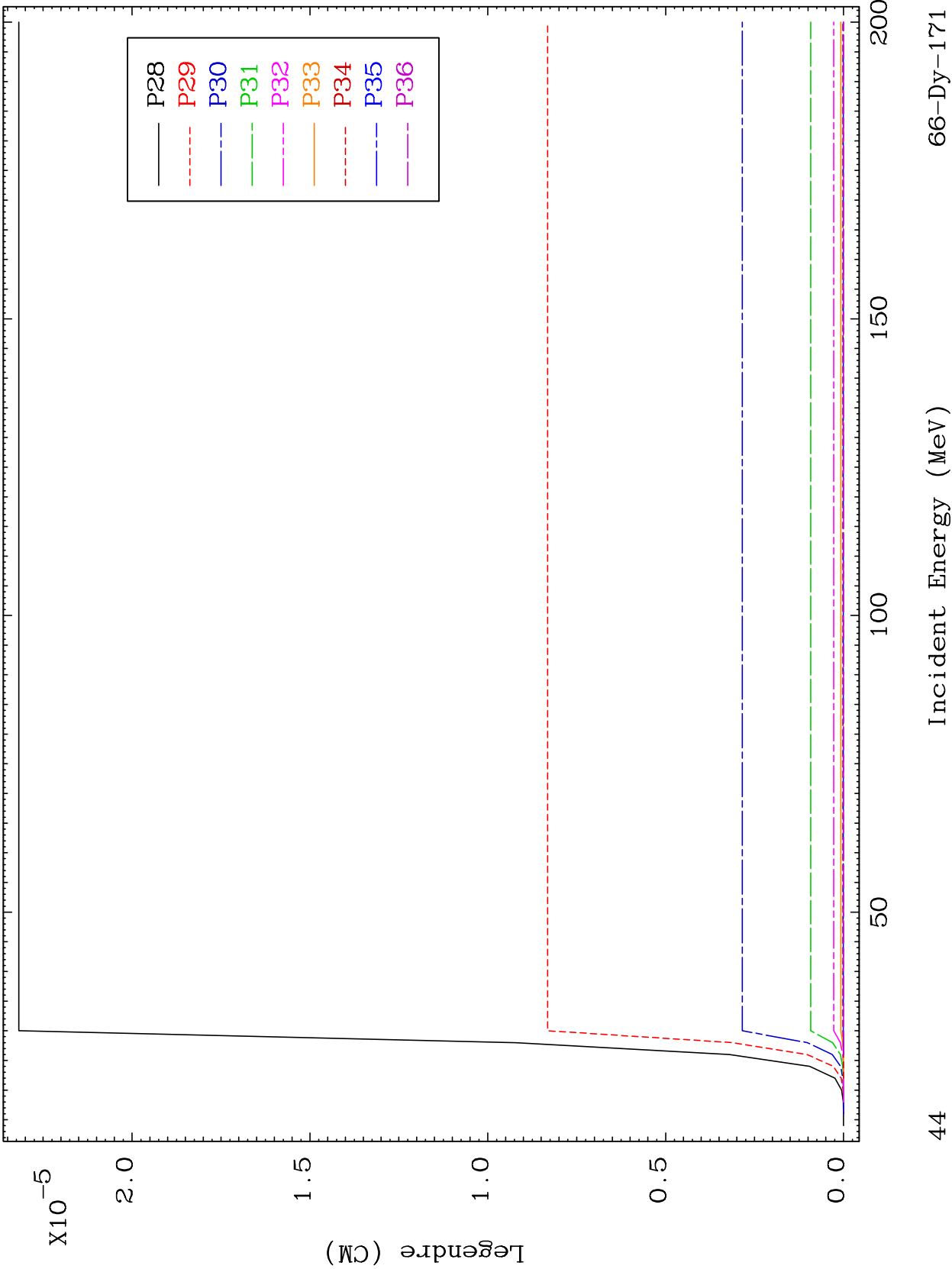
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



44

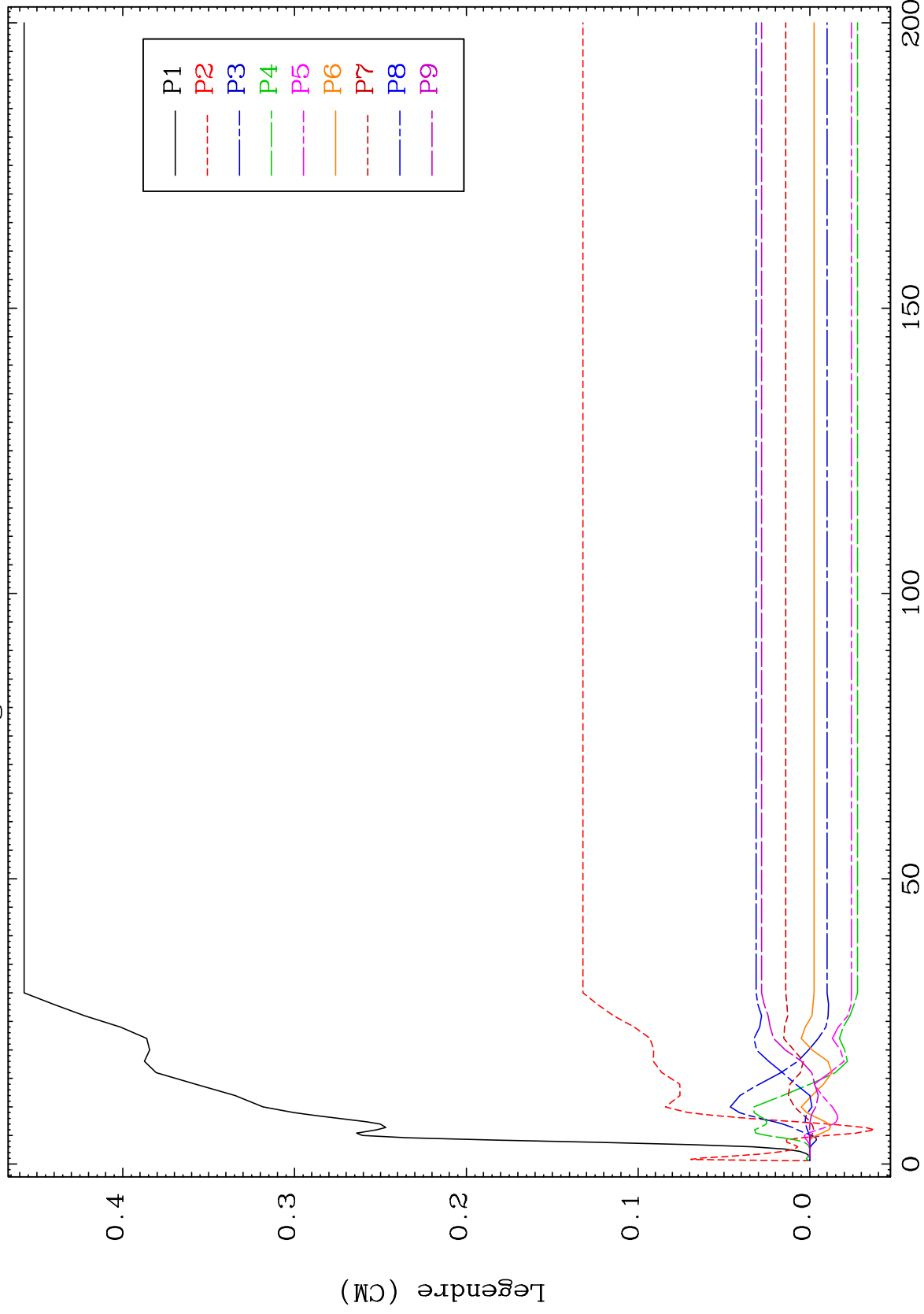
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

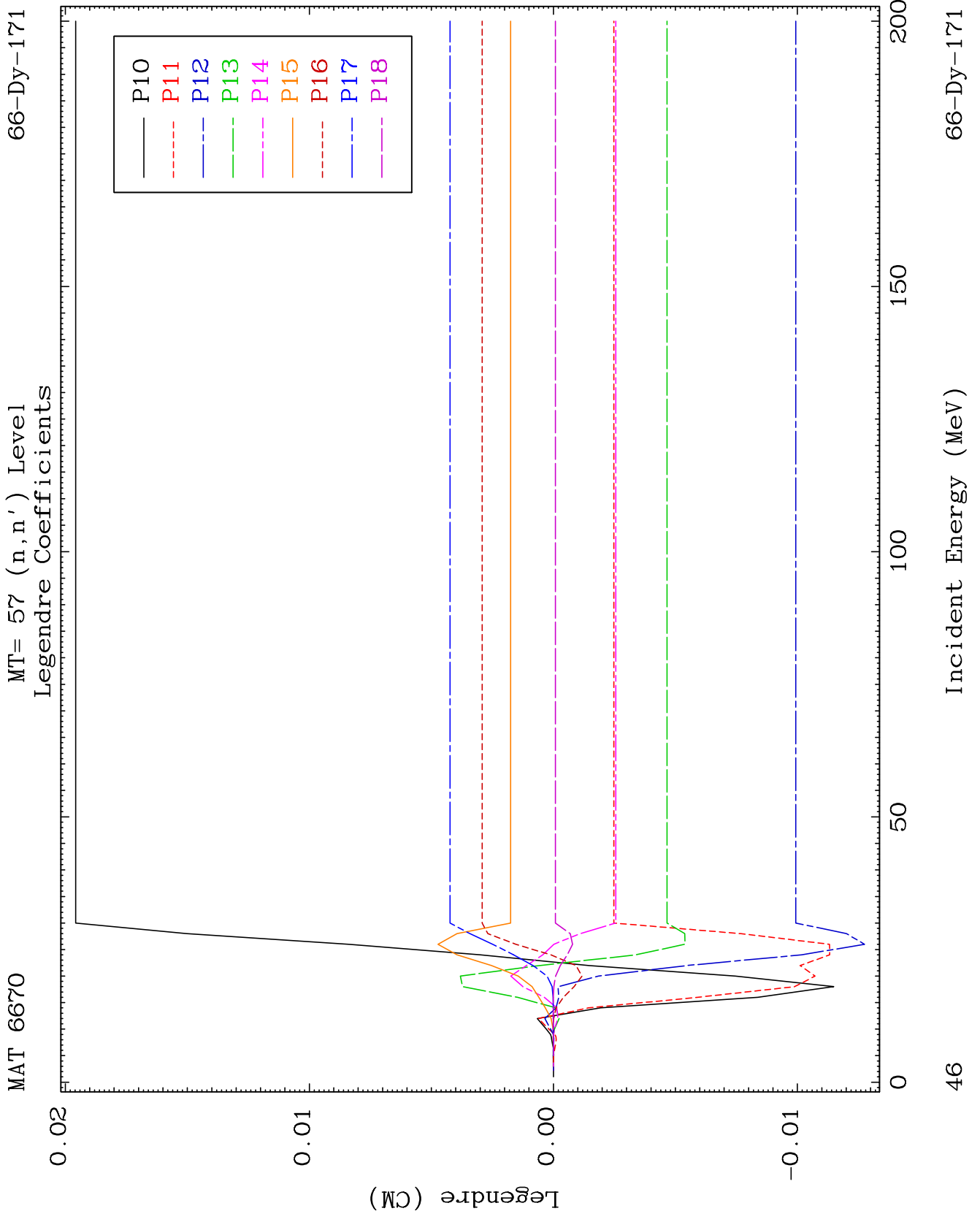
66-Dy-171



66-Dy-171

Incident Energy (MeV)

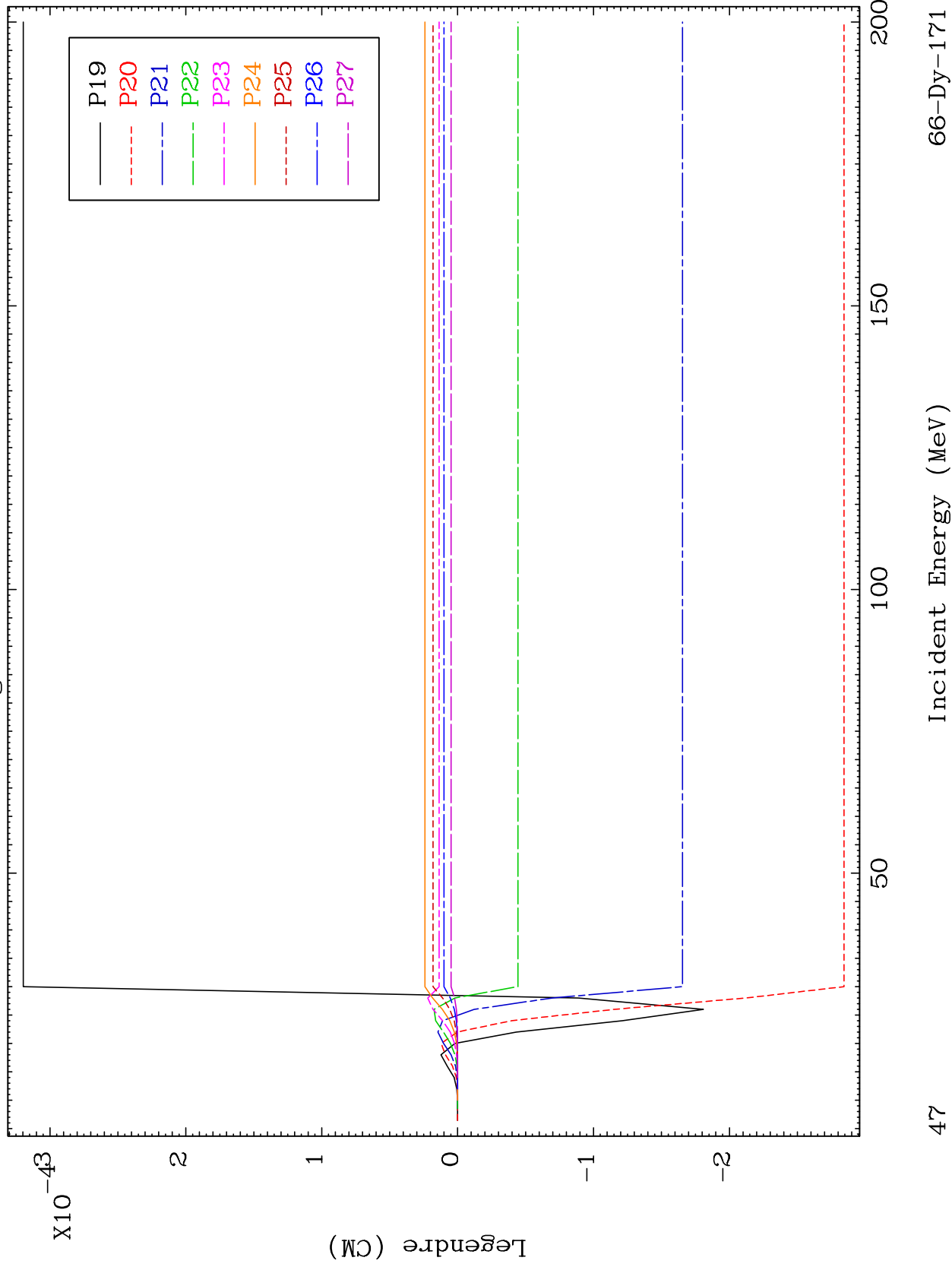
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MAT 6670

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

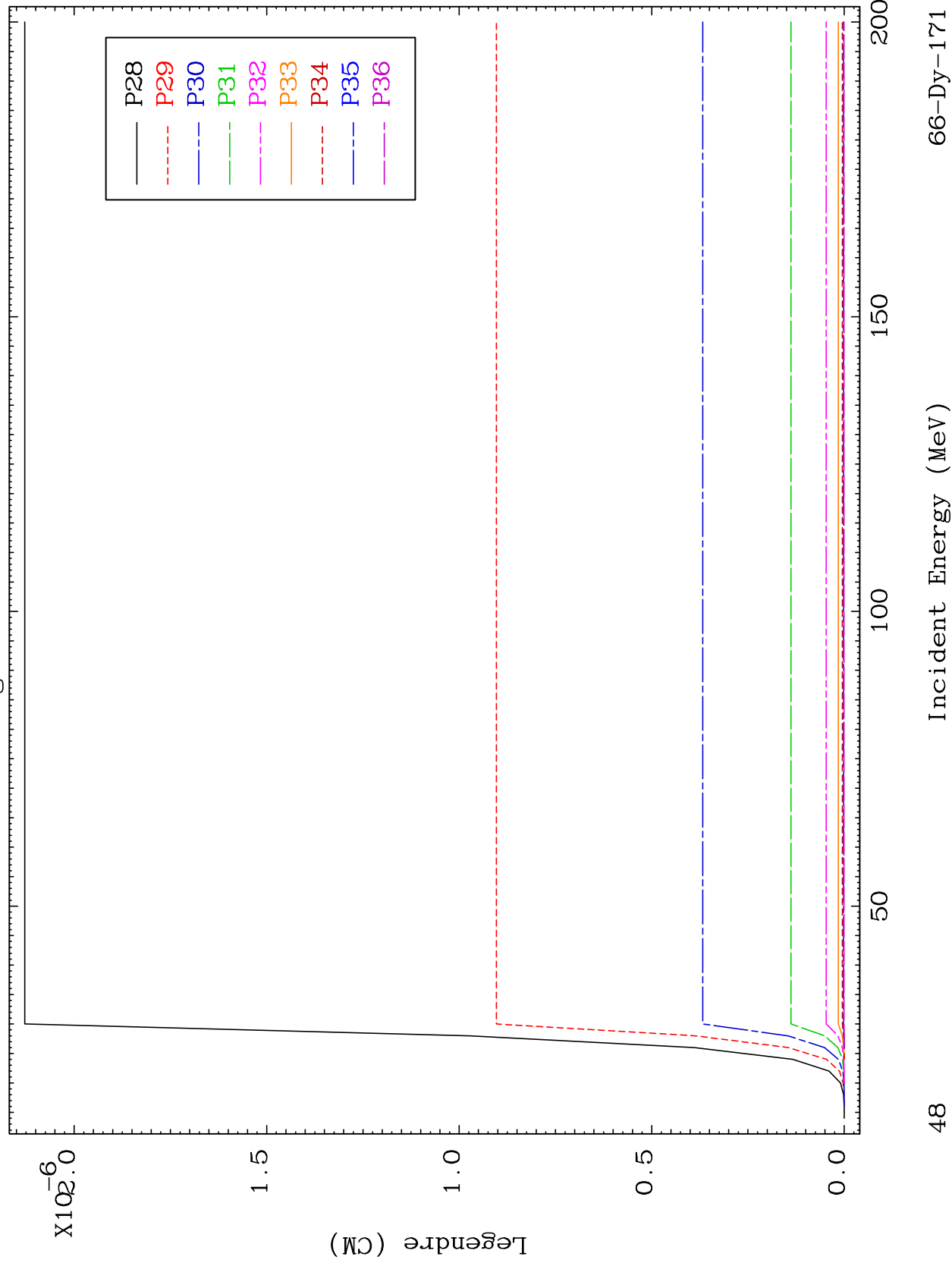
66-Dy-171



MAT 6670

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

66-Dy-171



48

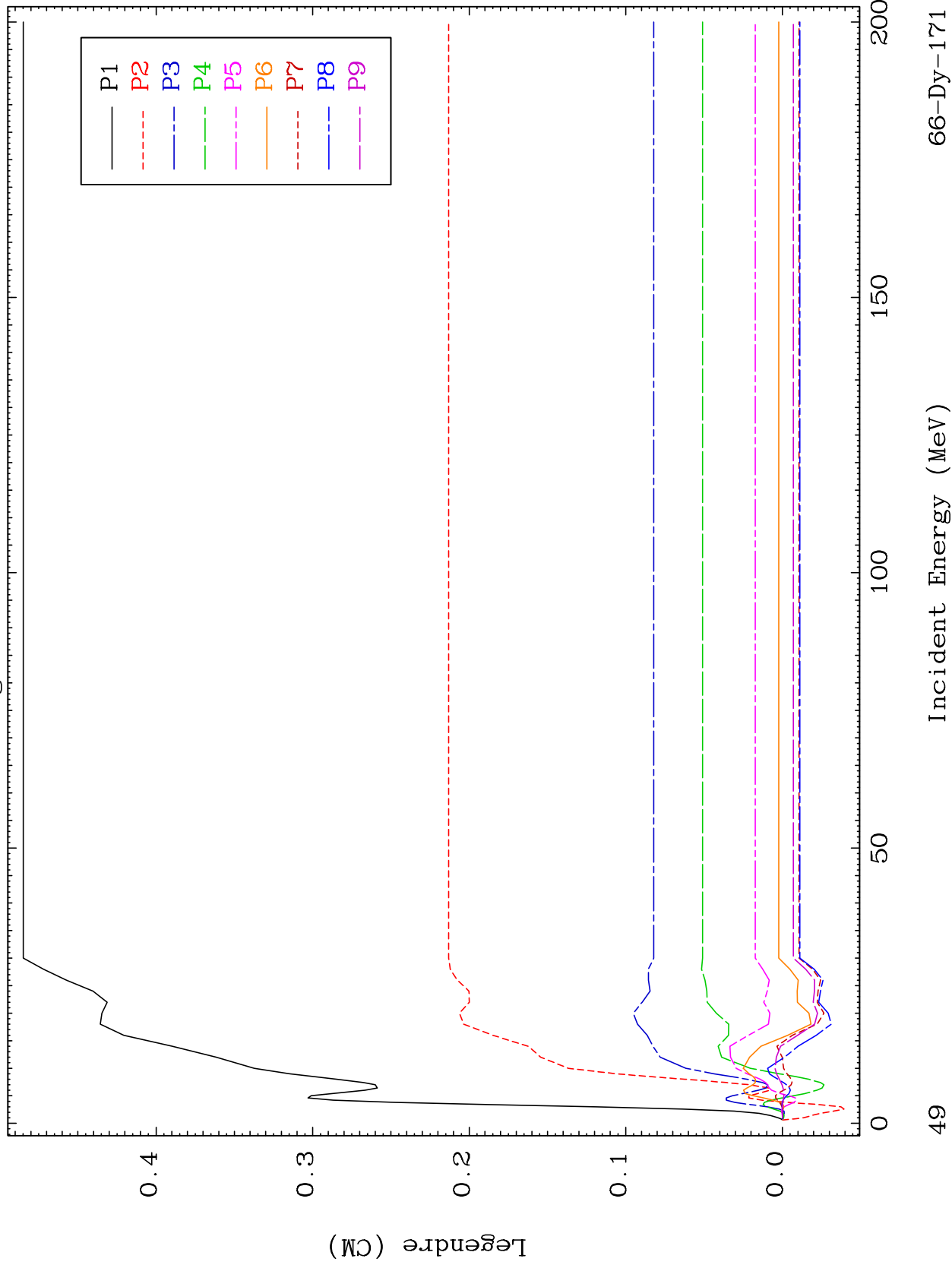
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



49

Incident Energy (MeV)

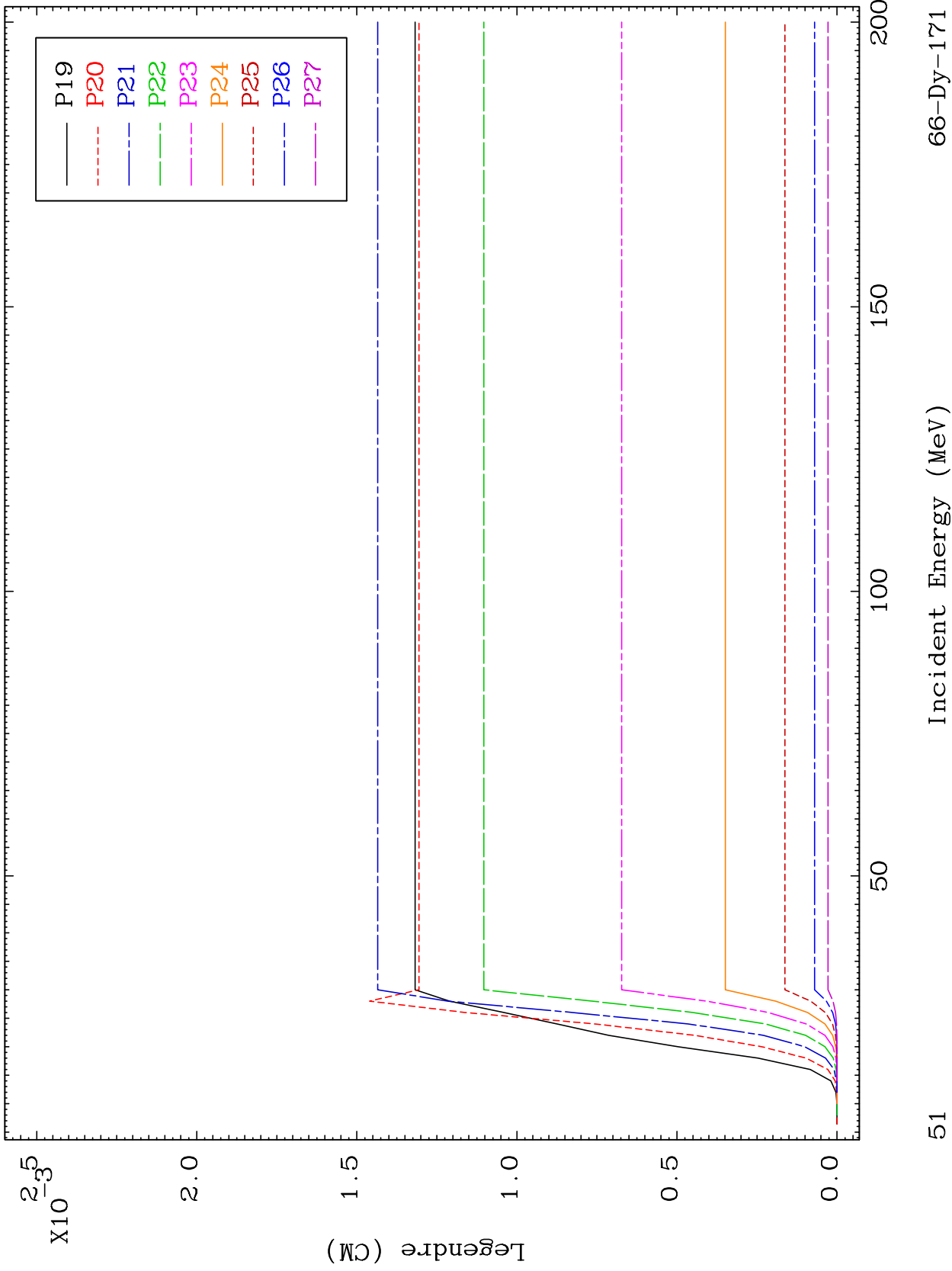
66-Dy-171



MAT 6670

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

66-Dy-171



51

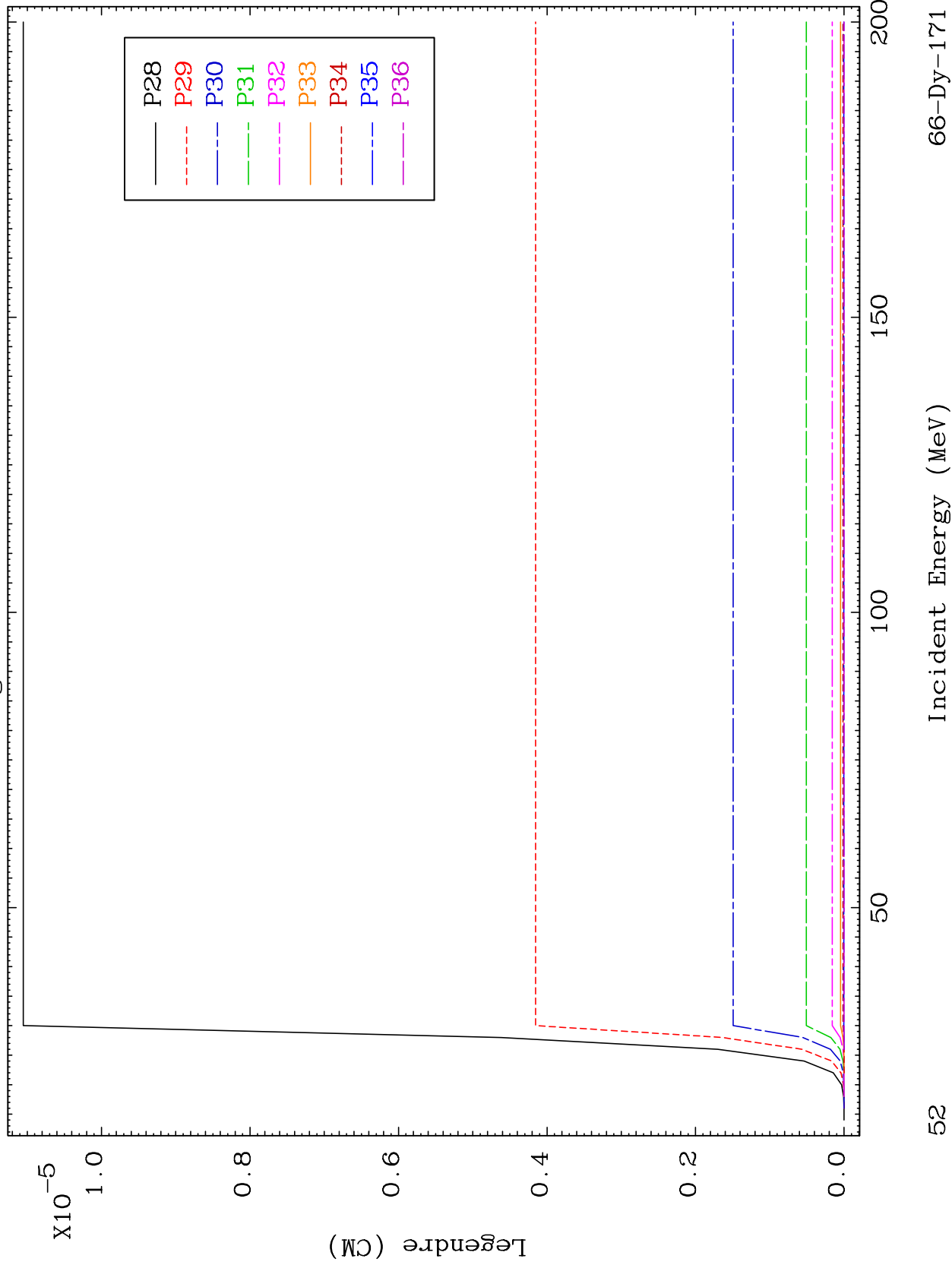
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



52

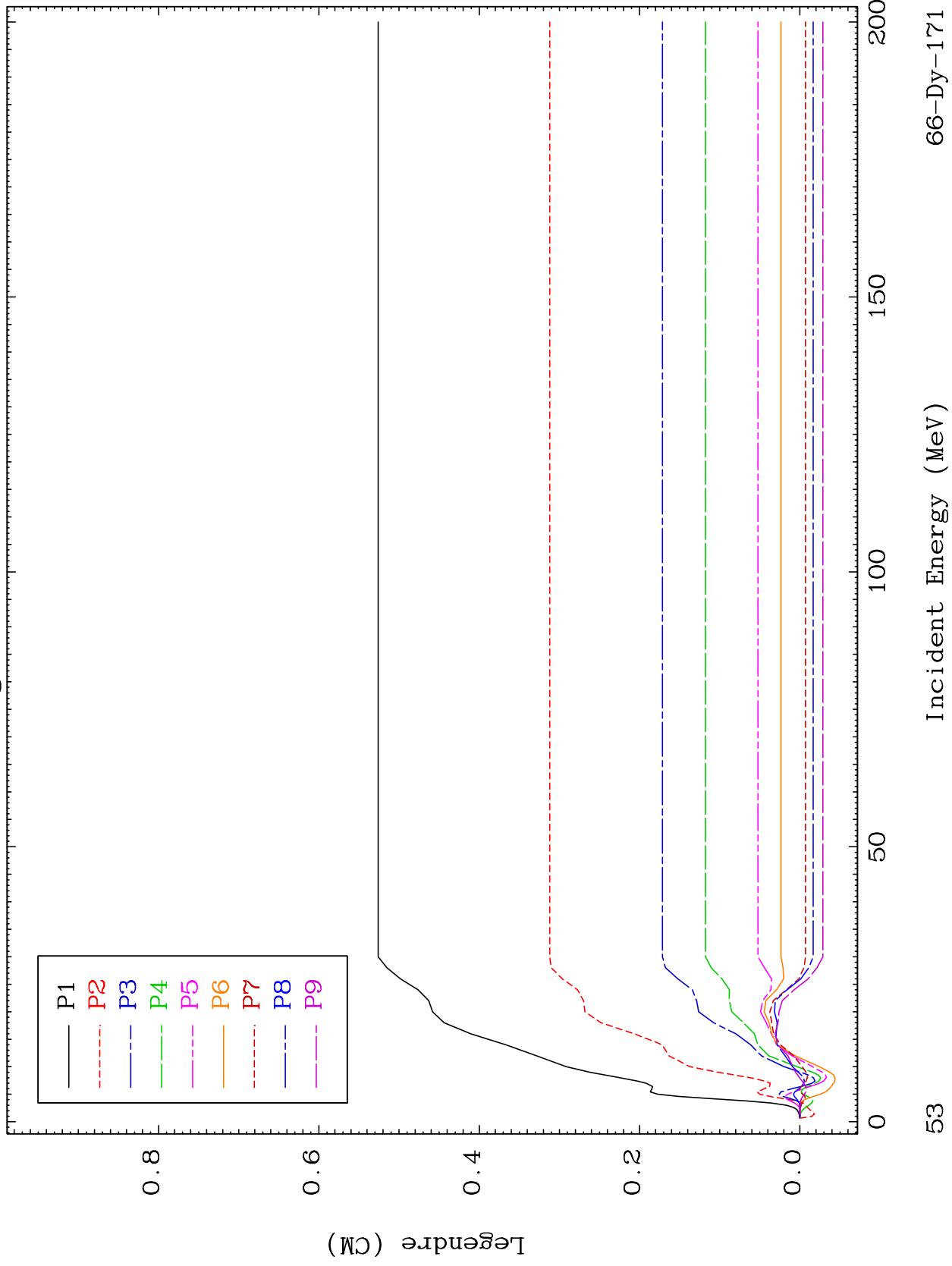
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



53

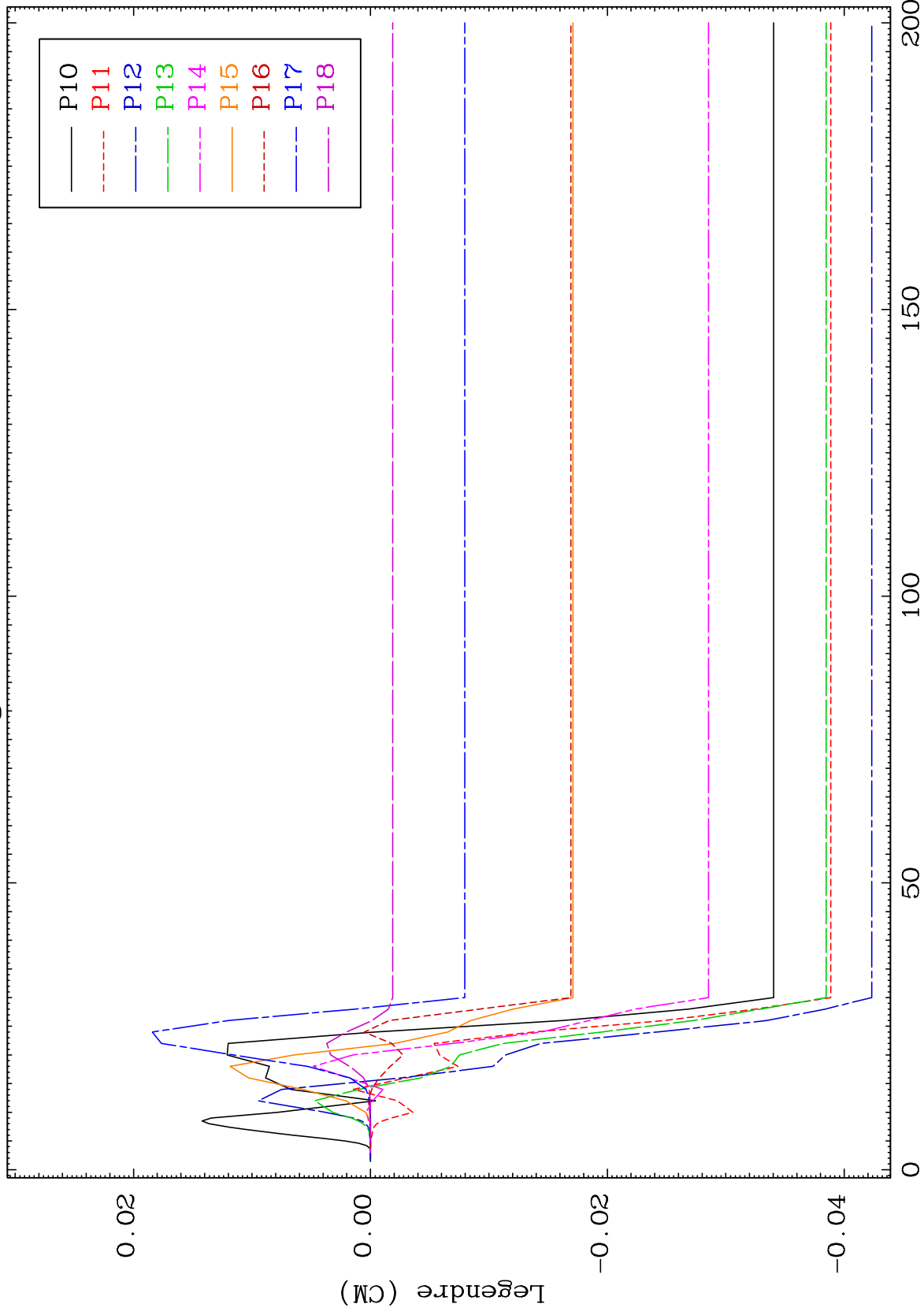
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



54

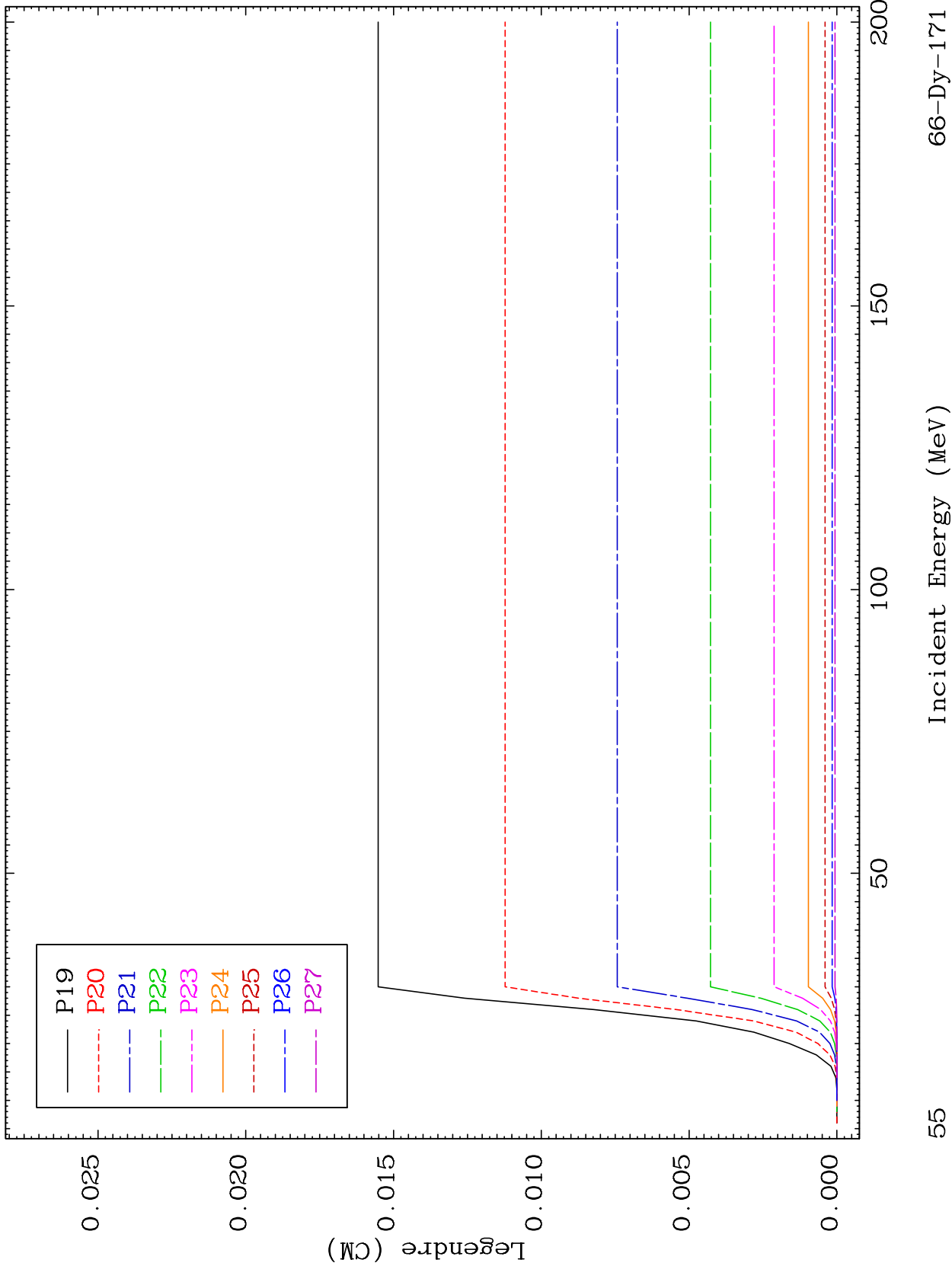
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



55

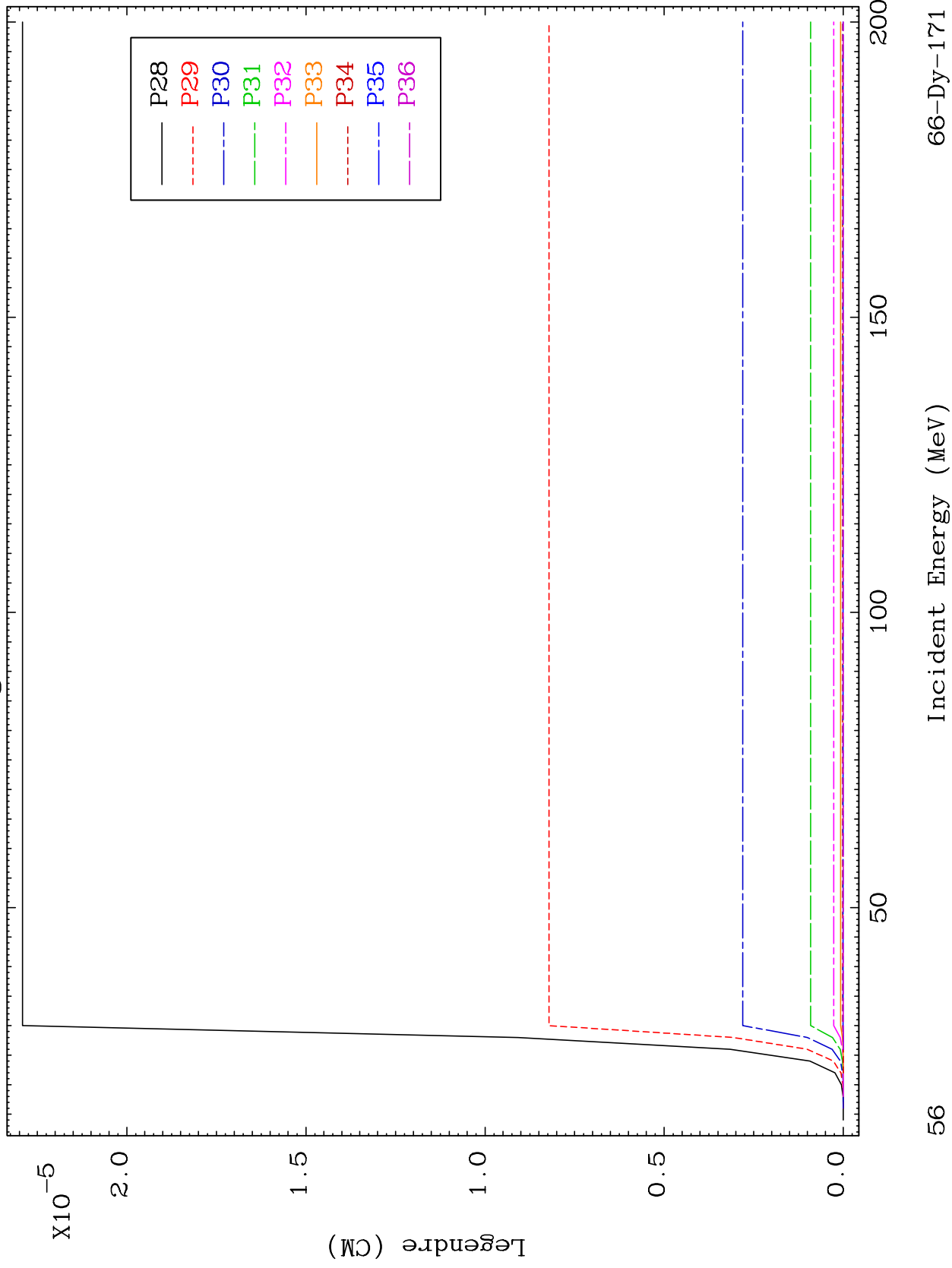
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

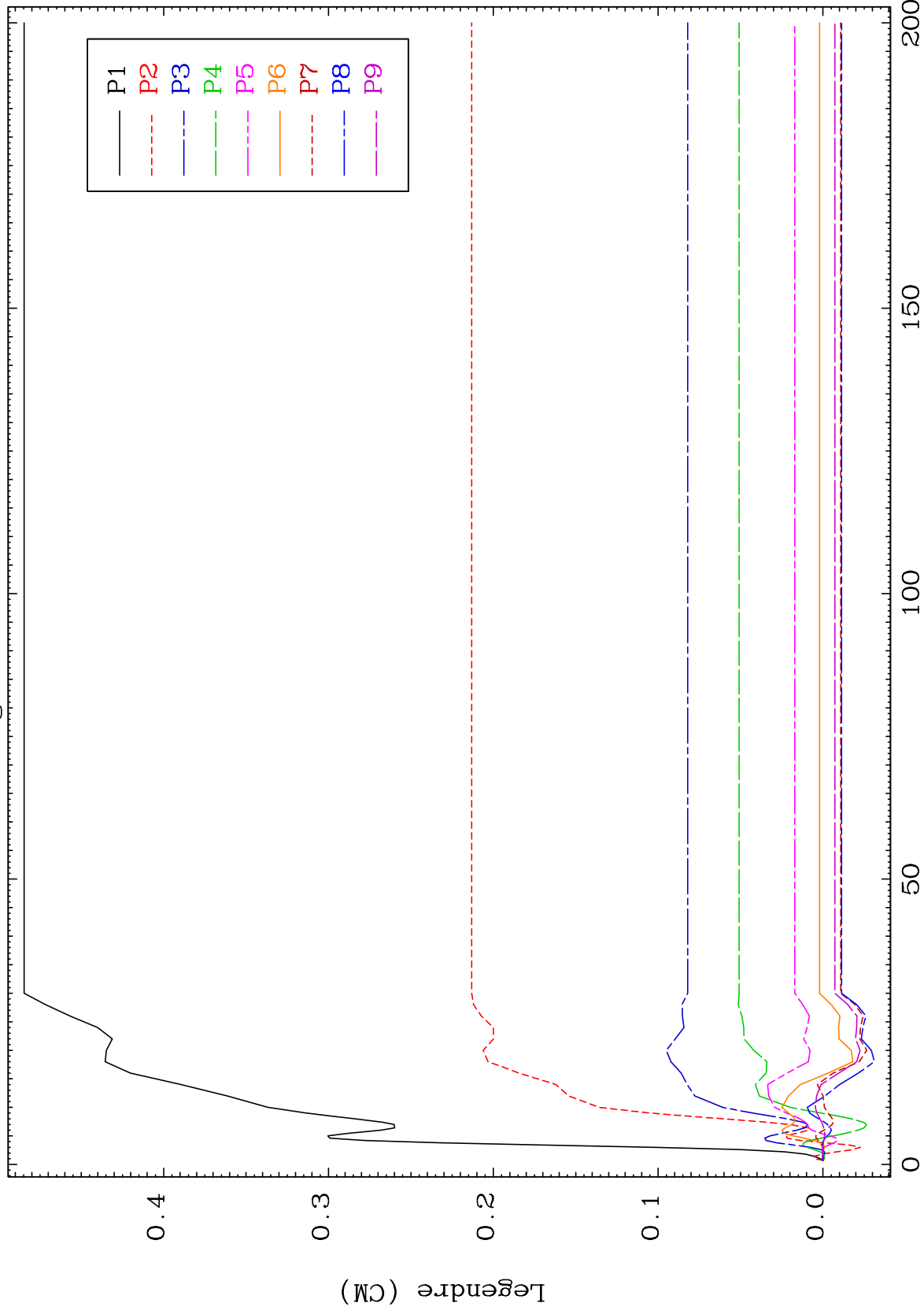
66-Dy-171



MAT 6670

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

66-Dy-171



57

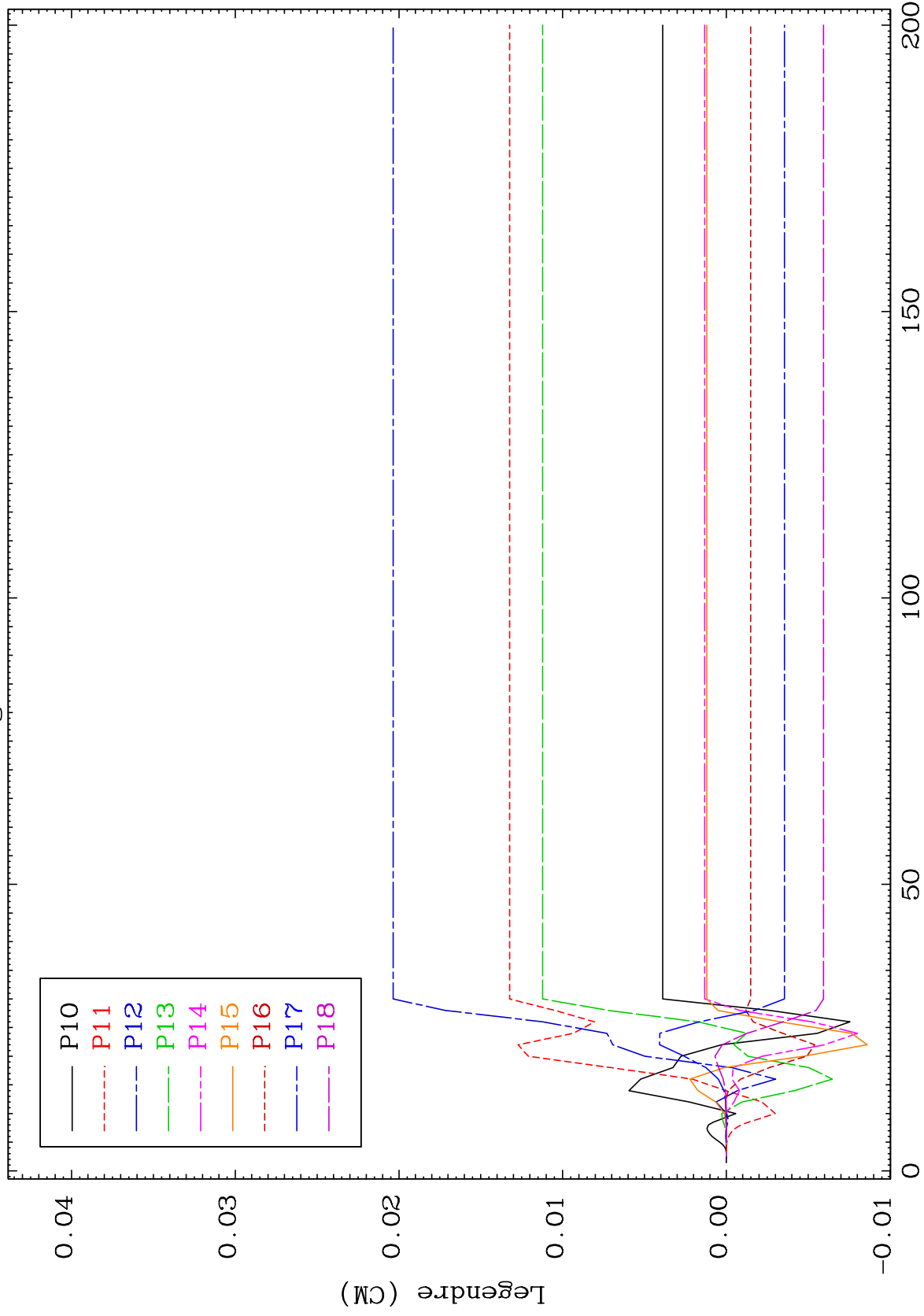
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

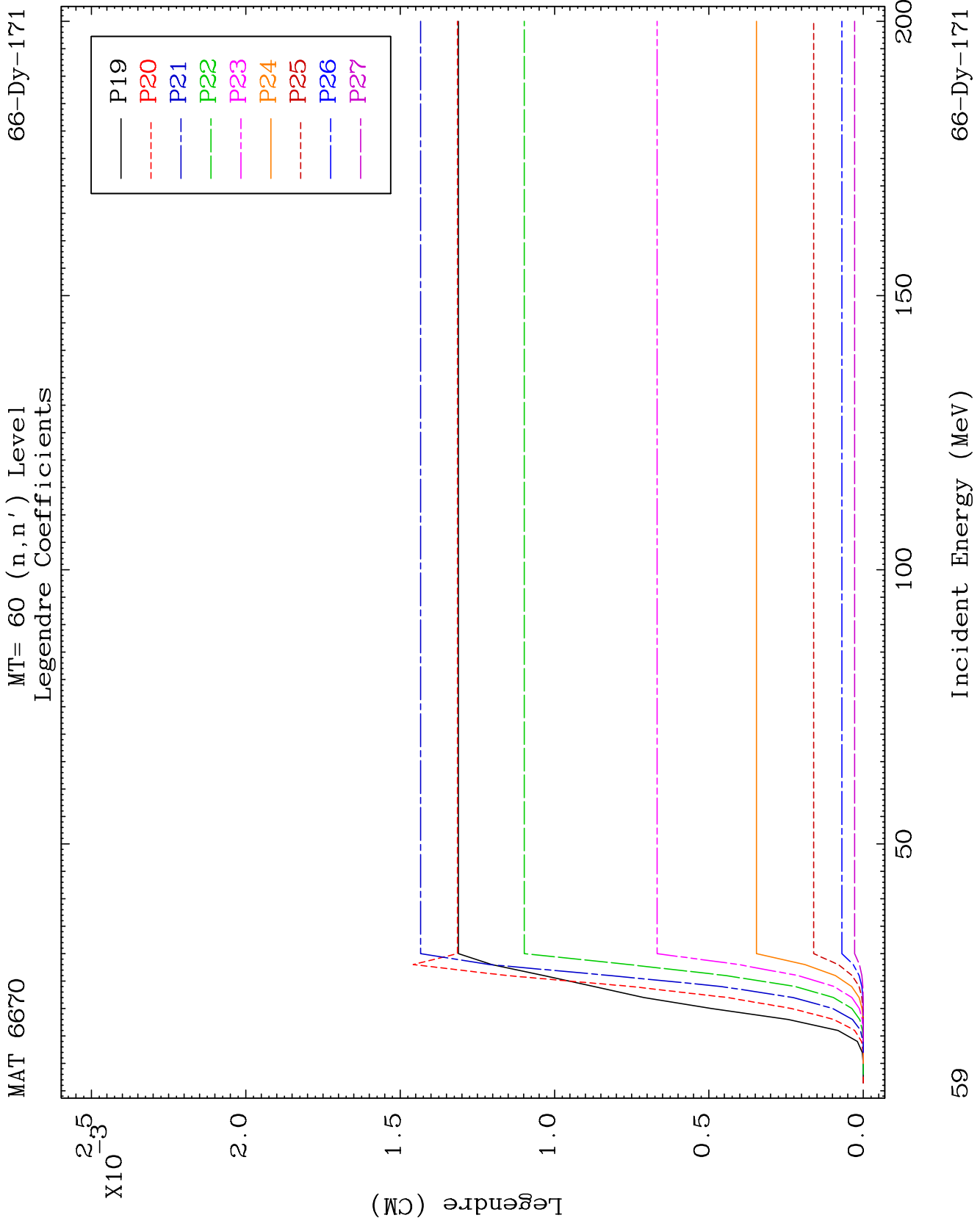
66-Dy-171

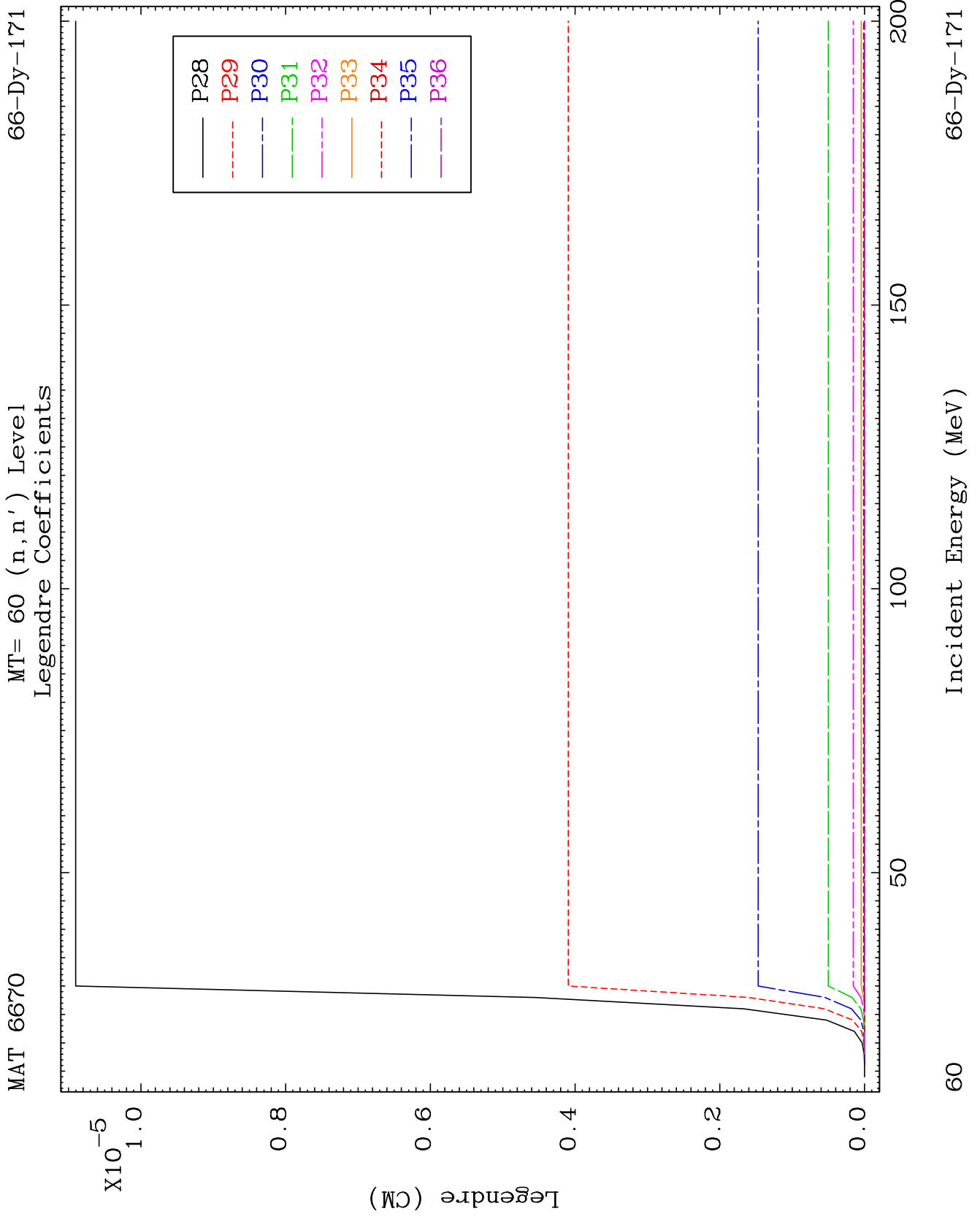


58

66-Dy-171

66-Dy-171

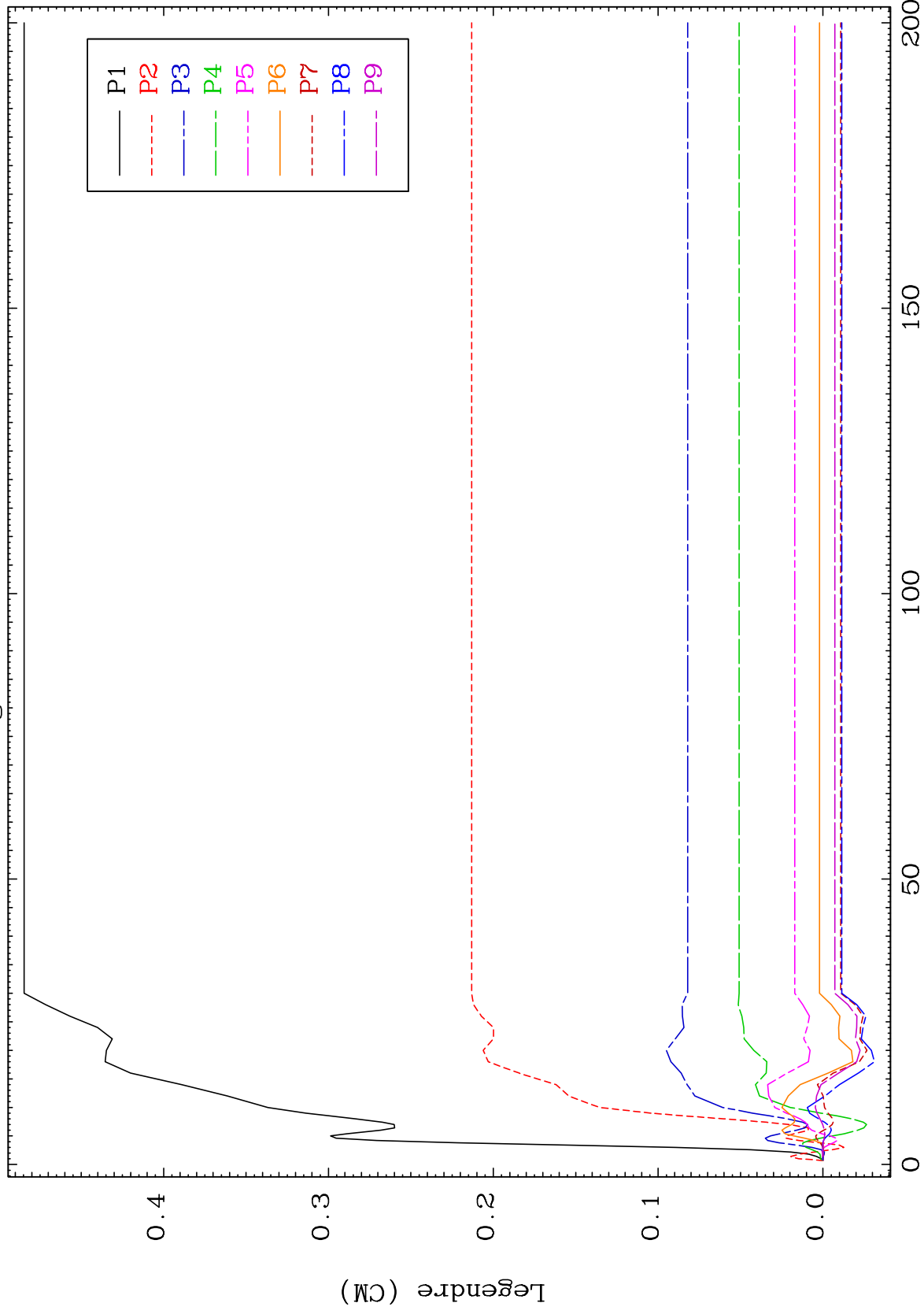




MAT 6670

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

66-Dy-171



61

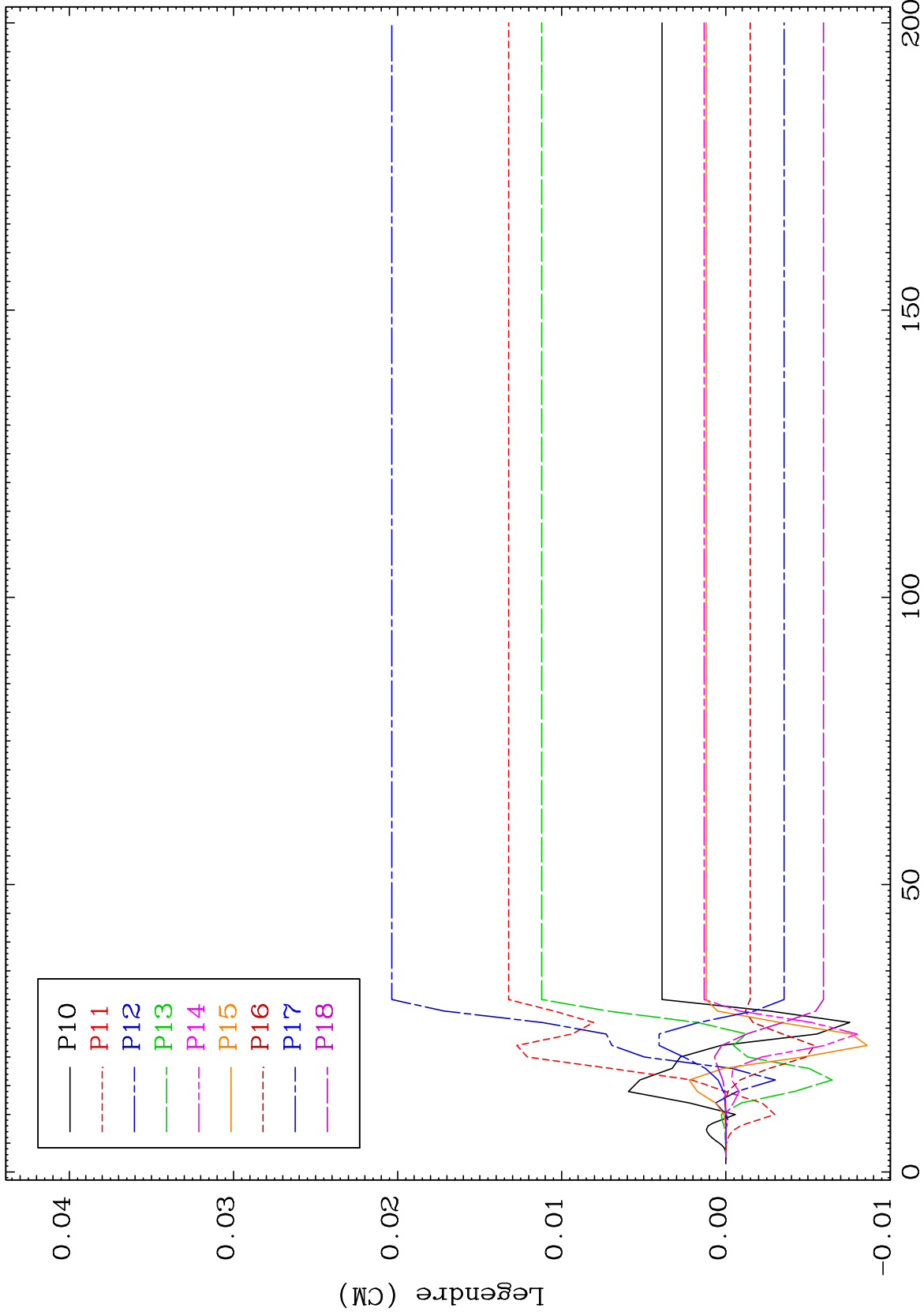
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171

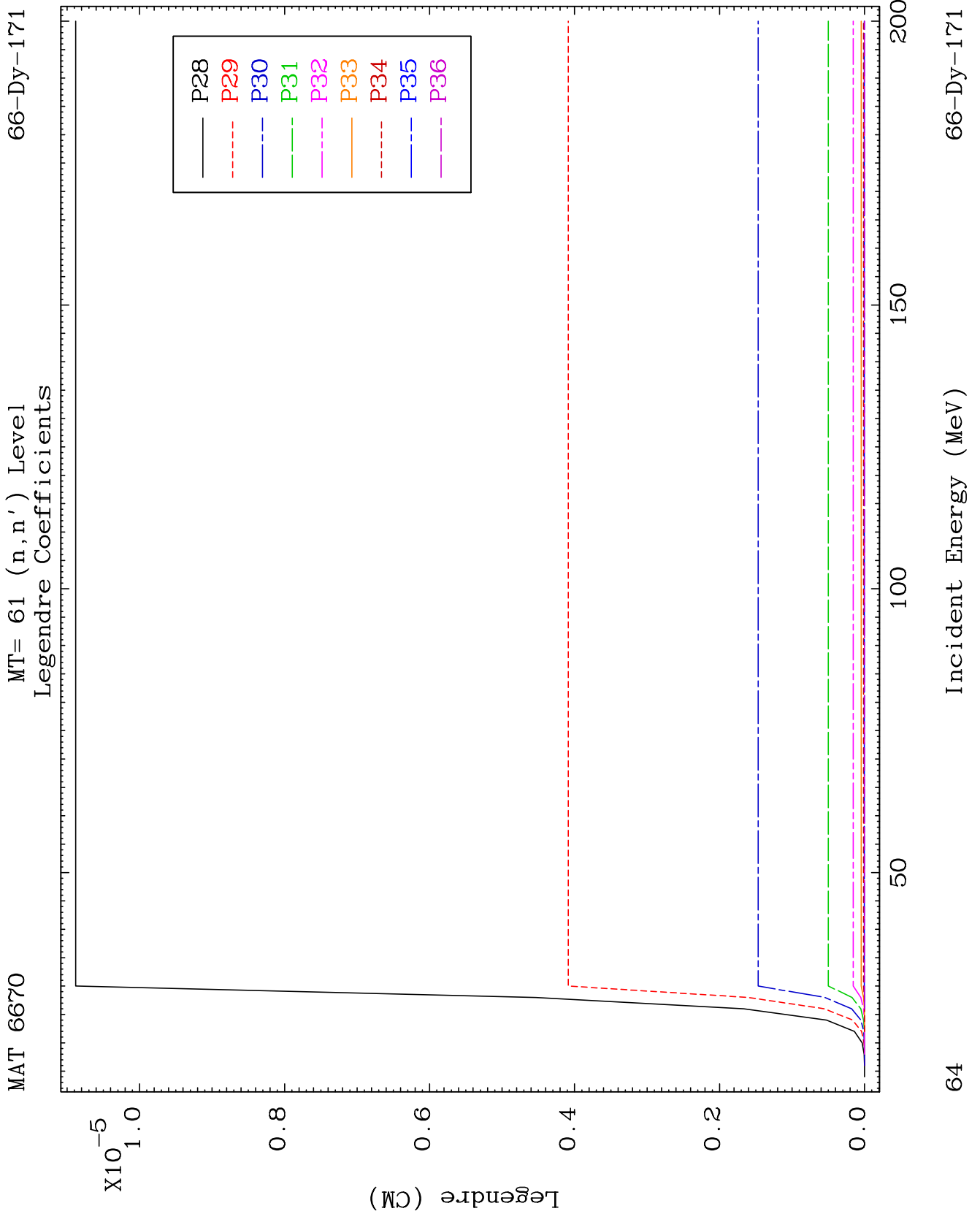


62

Incident Energy (MeV)

66-Dy-171

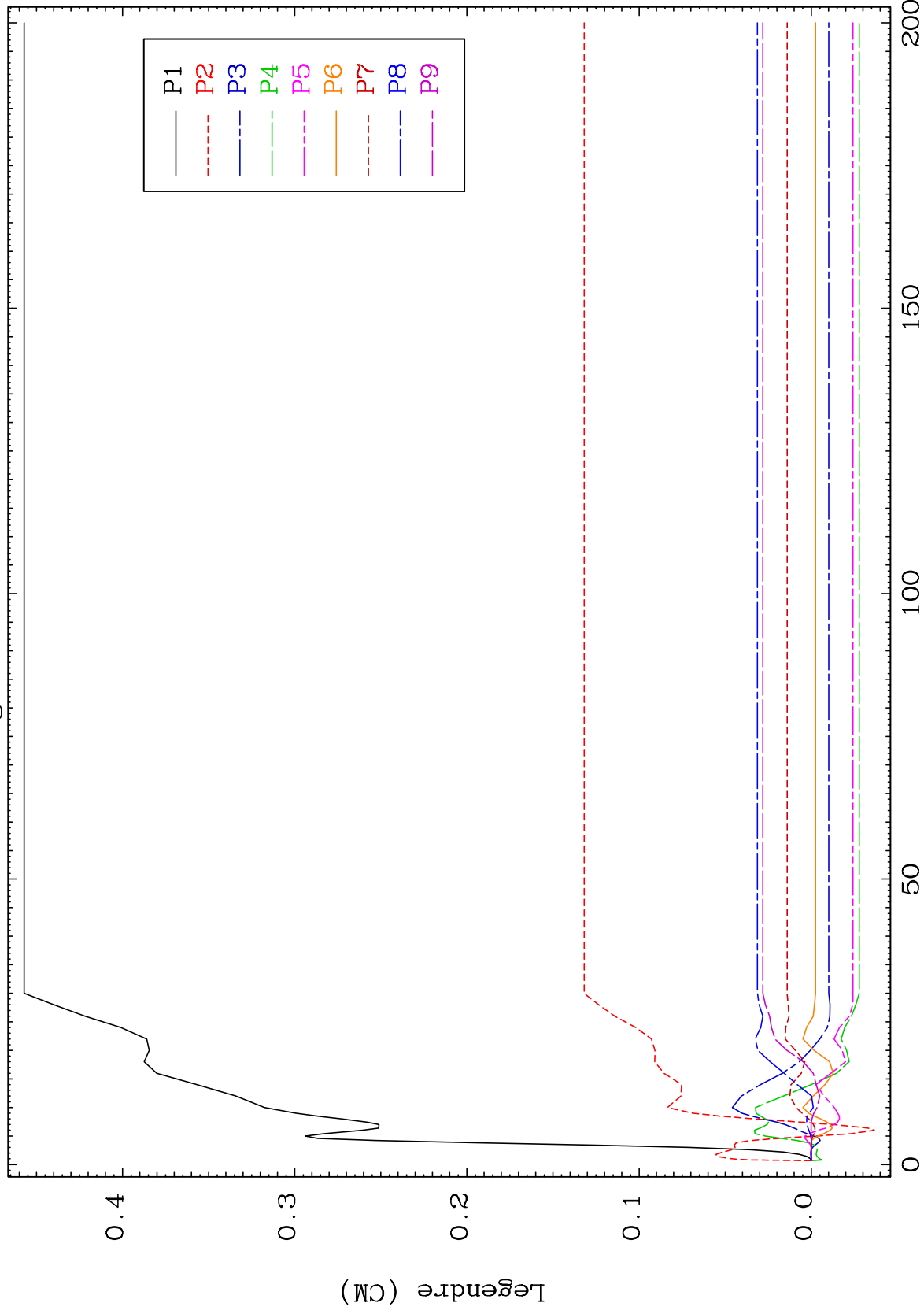




MAT 6670

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

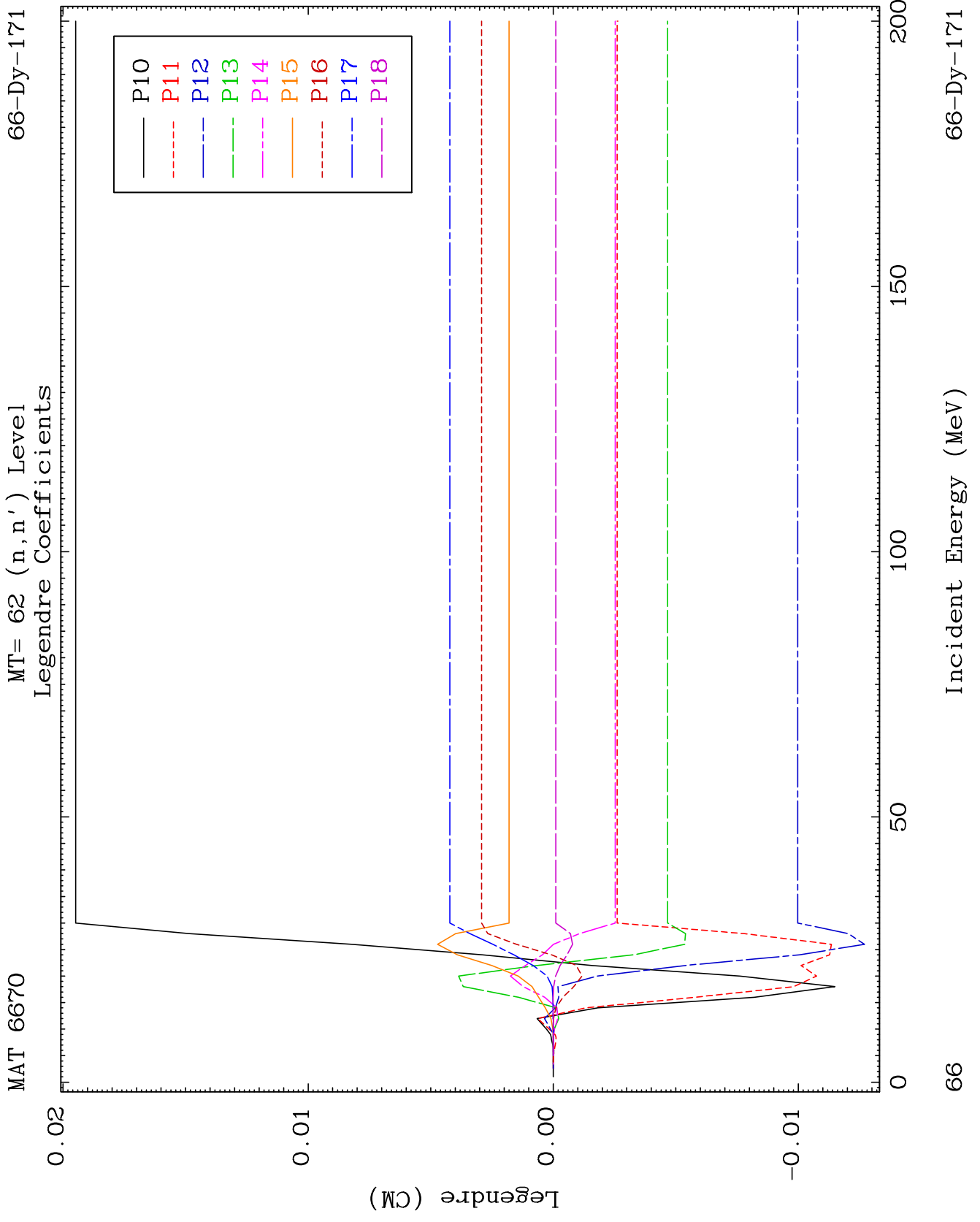
66-Dy-171



65

66-Dy-171

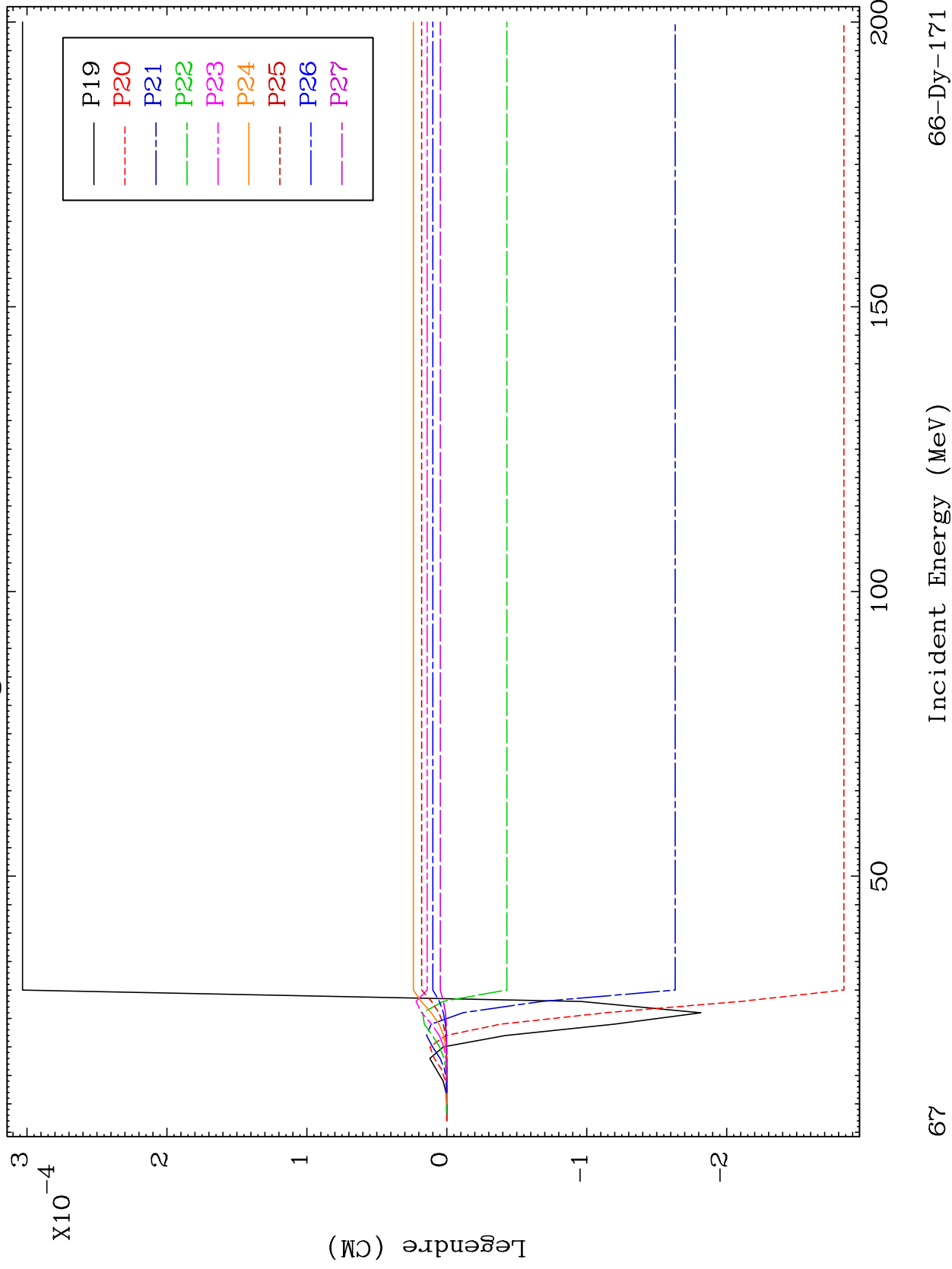
66-Dy-171



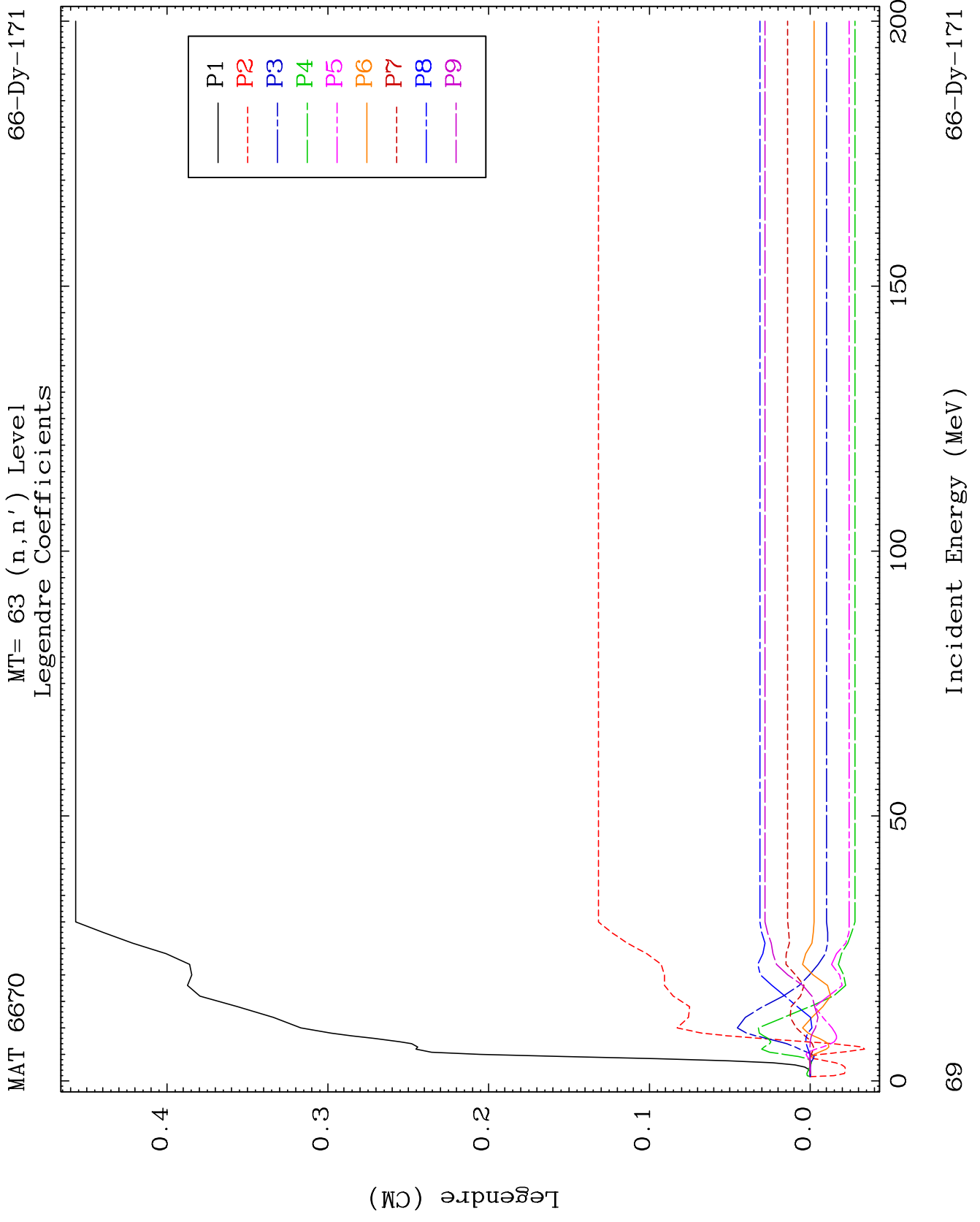
MAT 6670

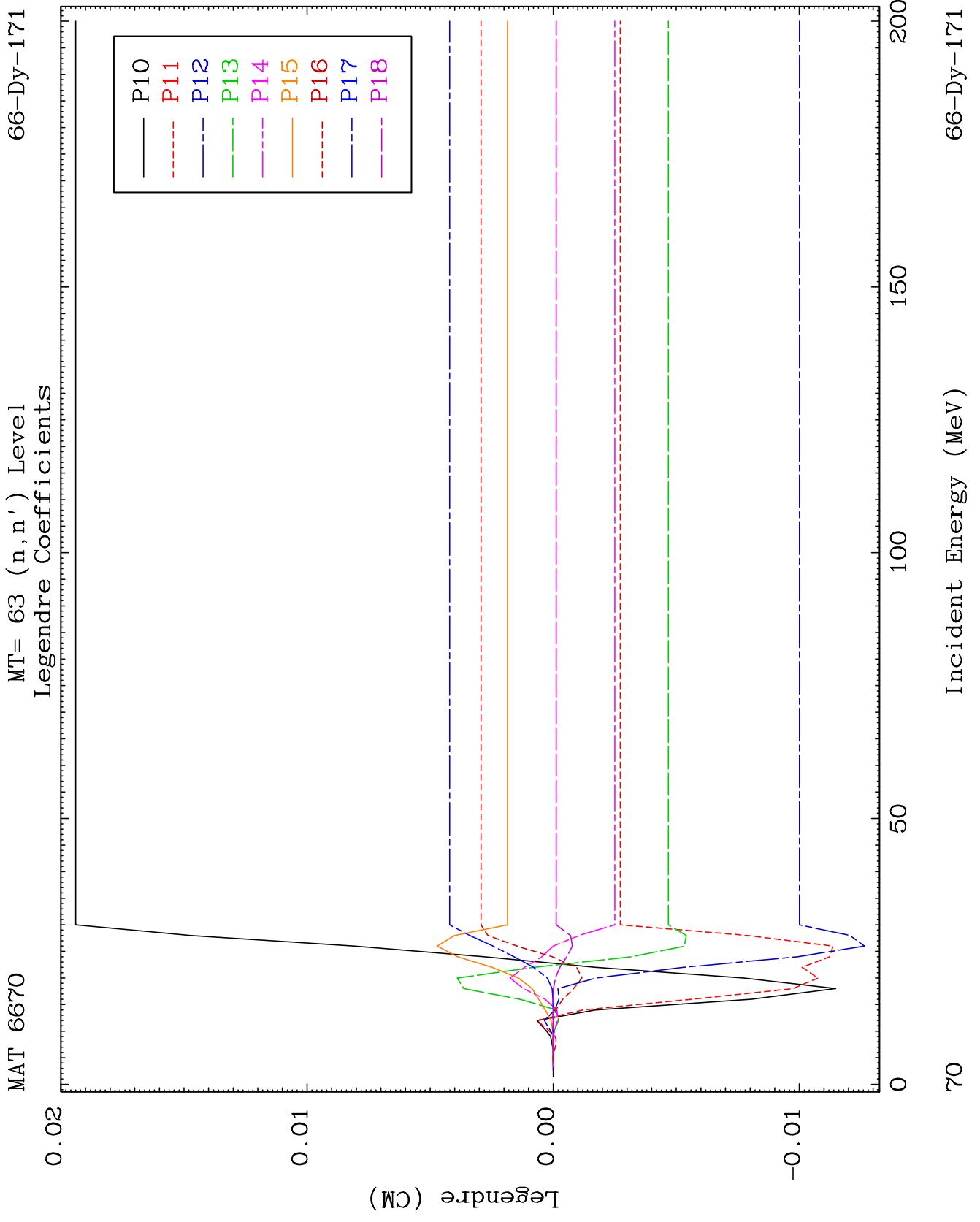
MT= 62 (n,n') Level  
Legendre Coefficients

66-Dy-171





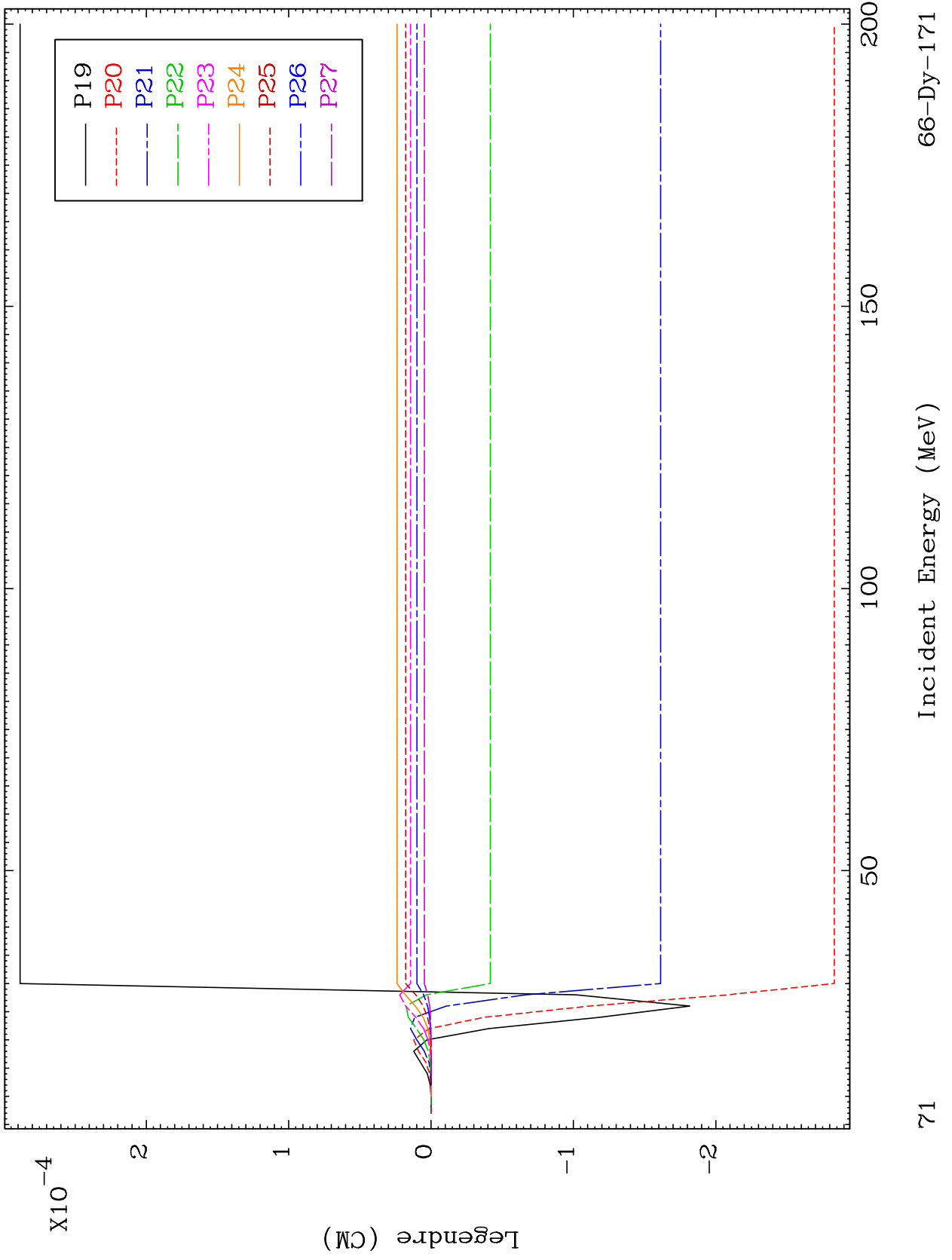




MAT 6670

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

66-Dy-171



71

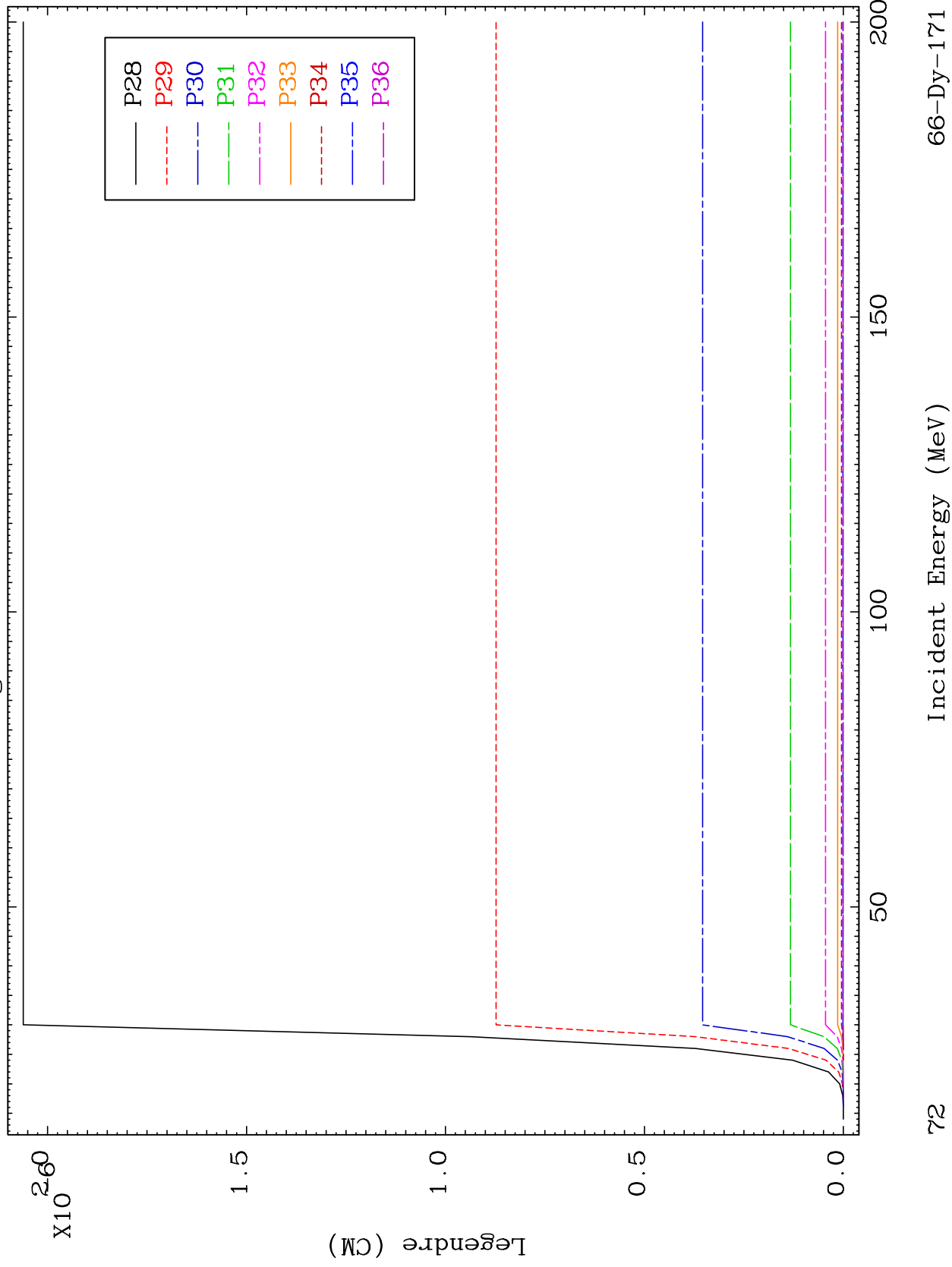
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

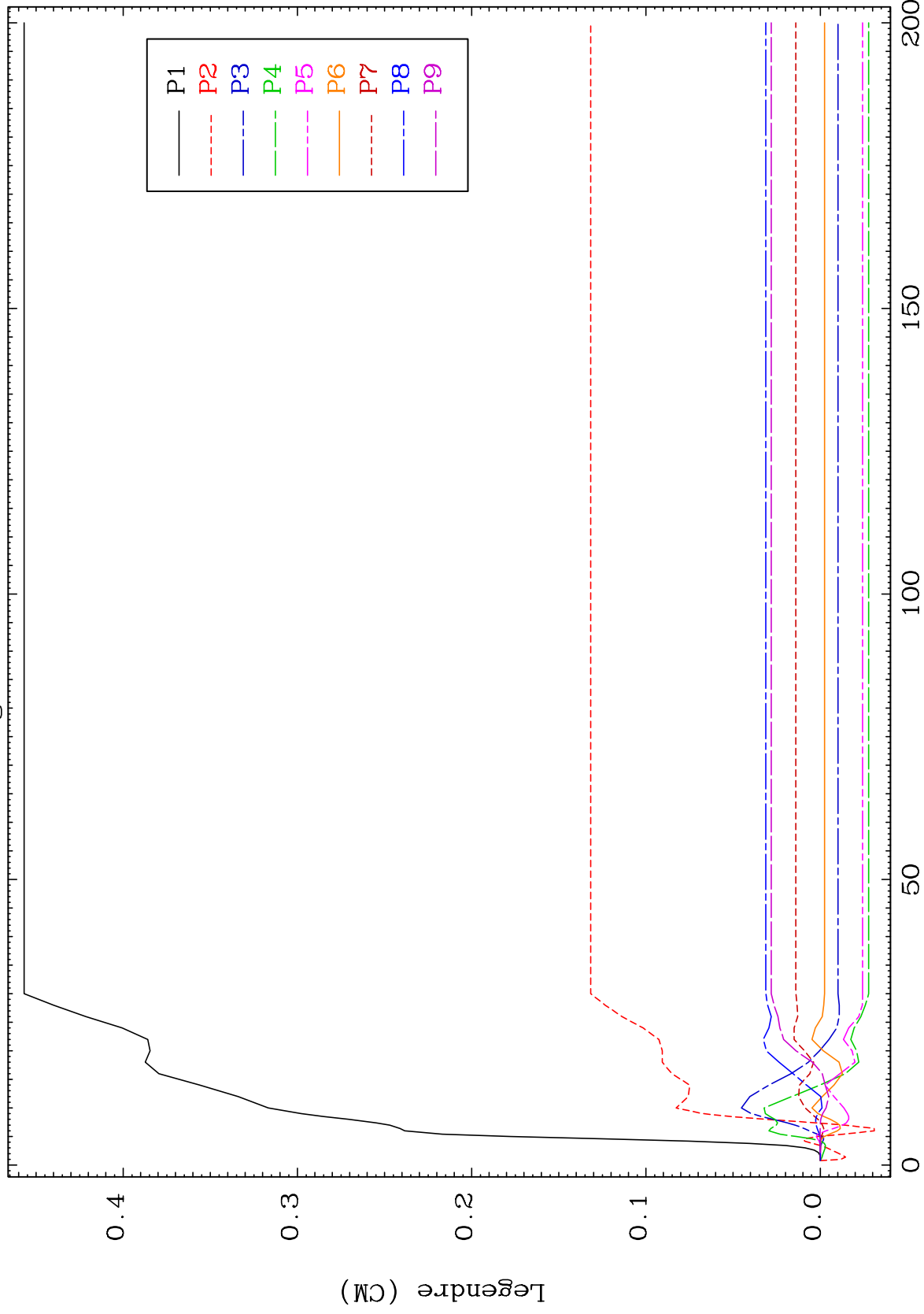
66-Dy-171



MAT 6670

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

66-Dy-171



73

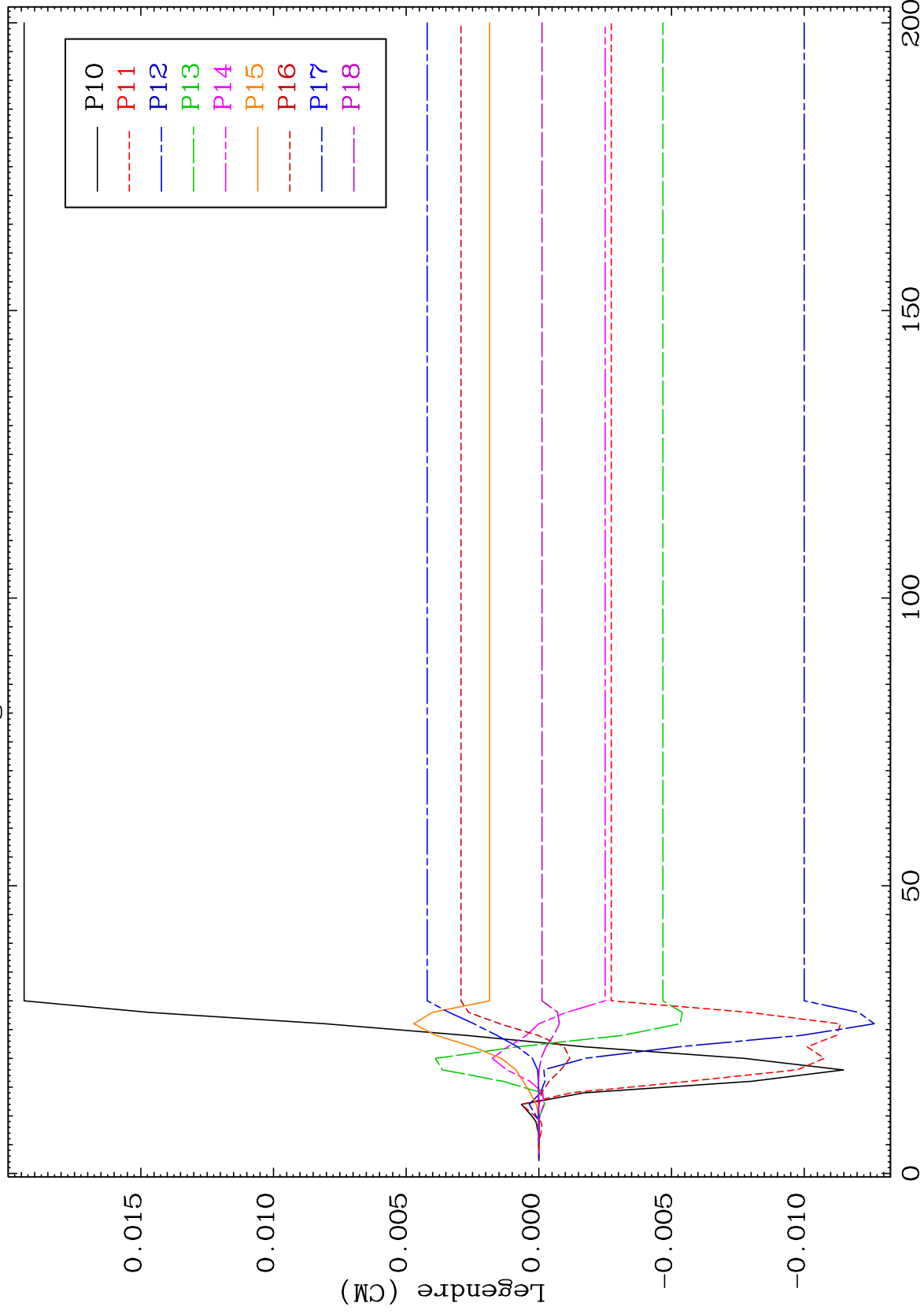
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



74

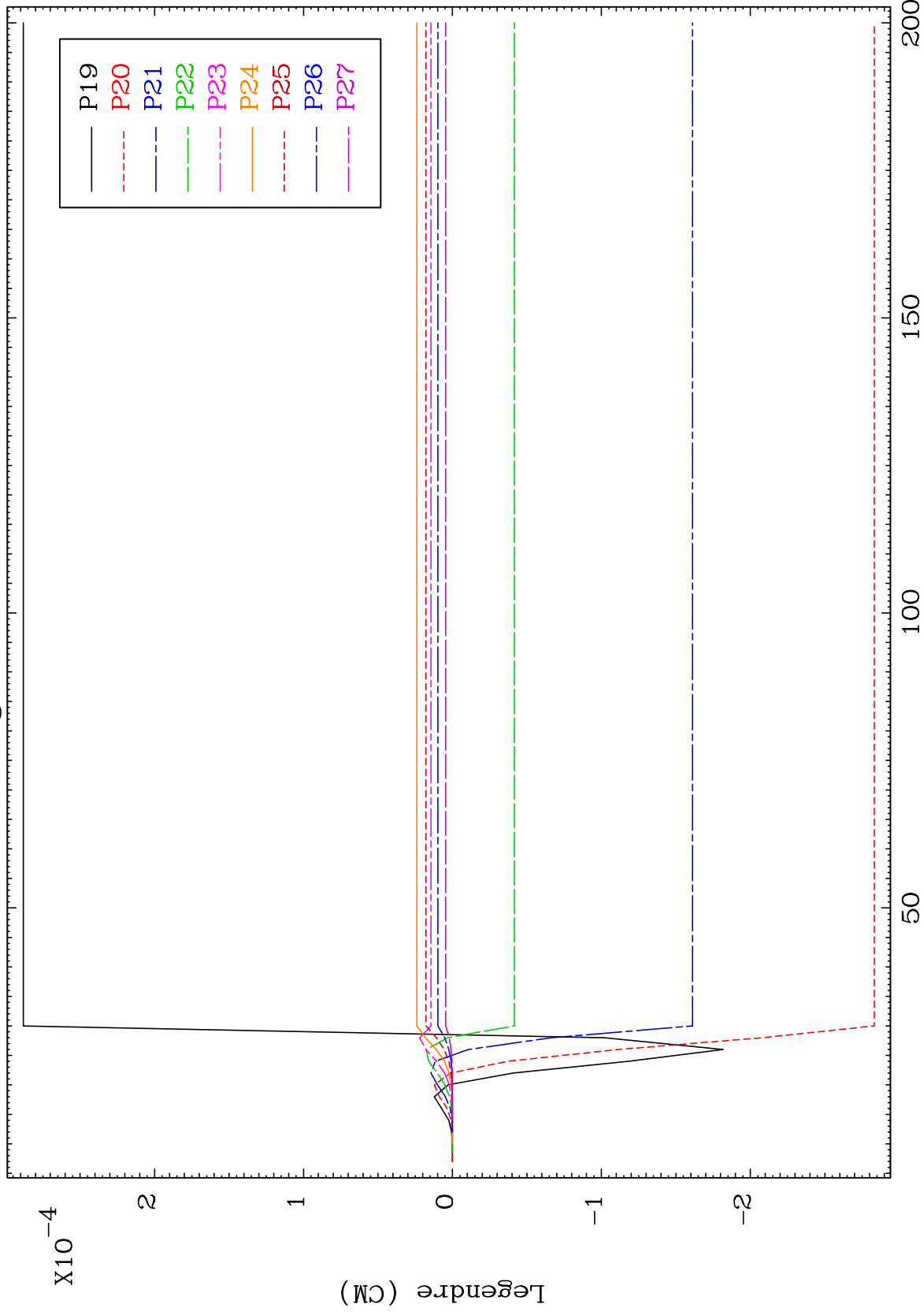
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



75

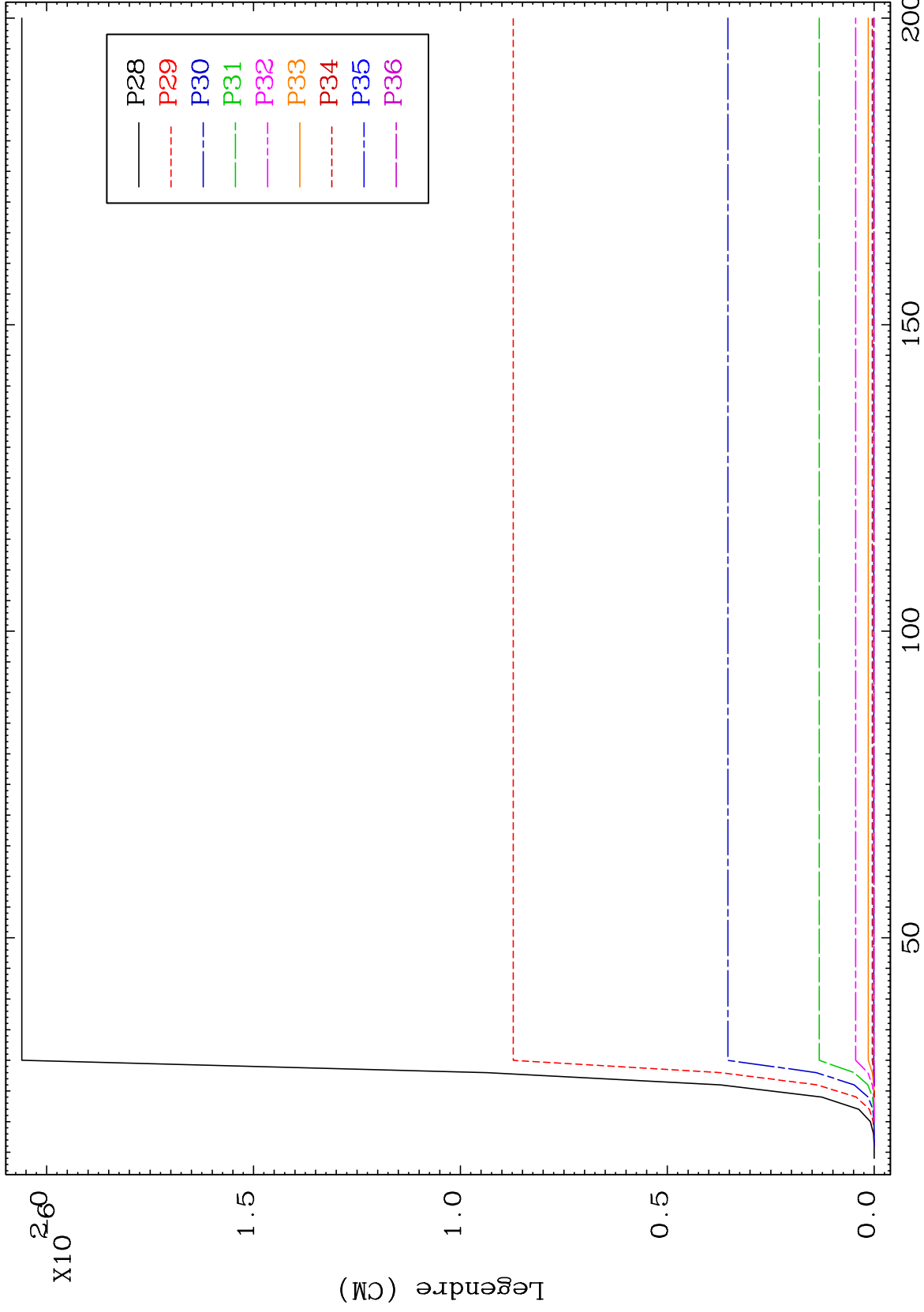
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



76

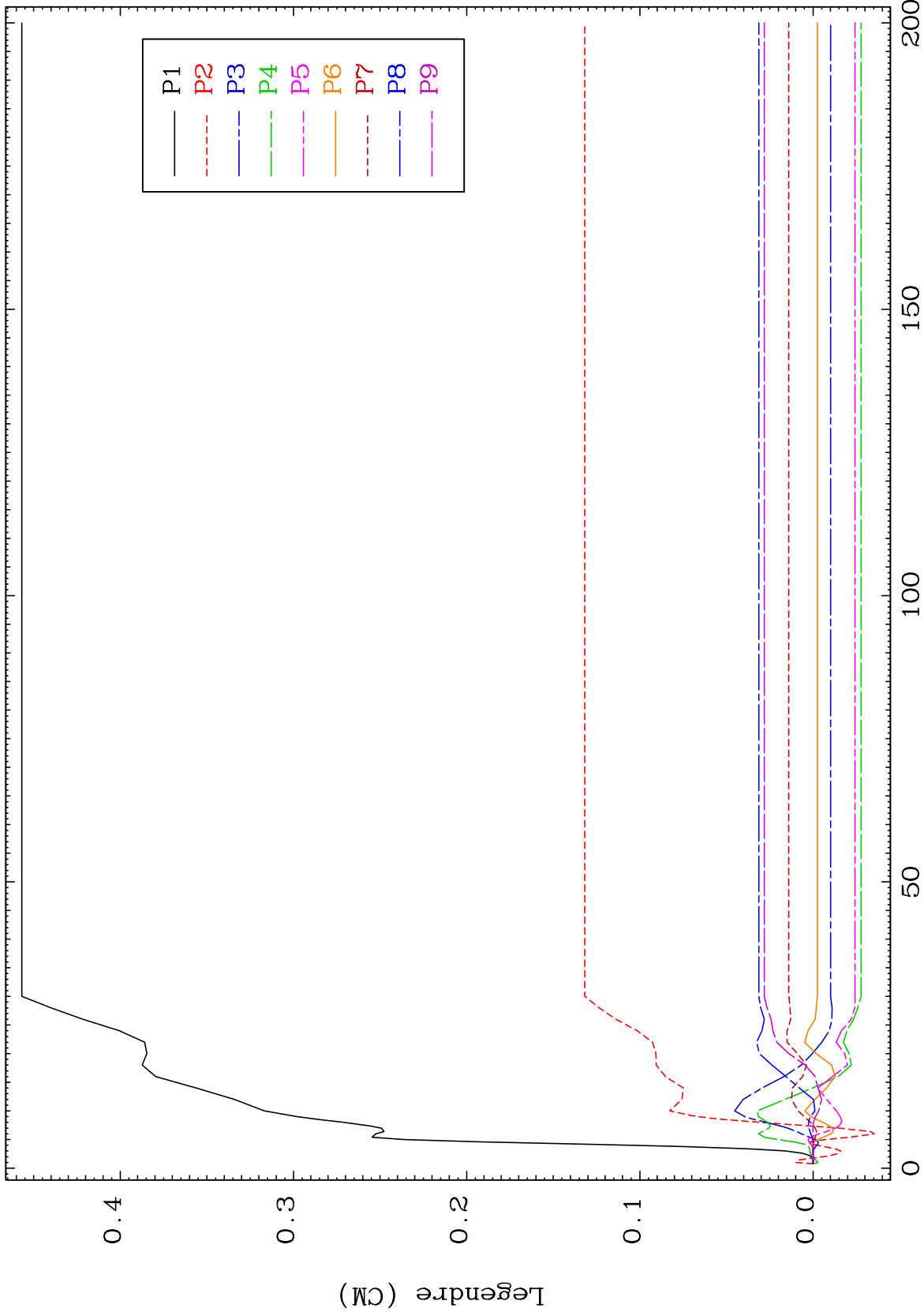
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



77

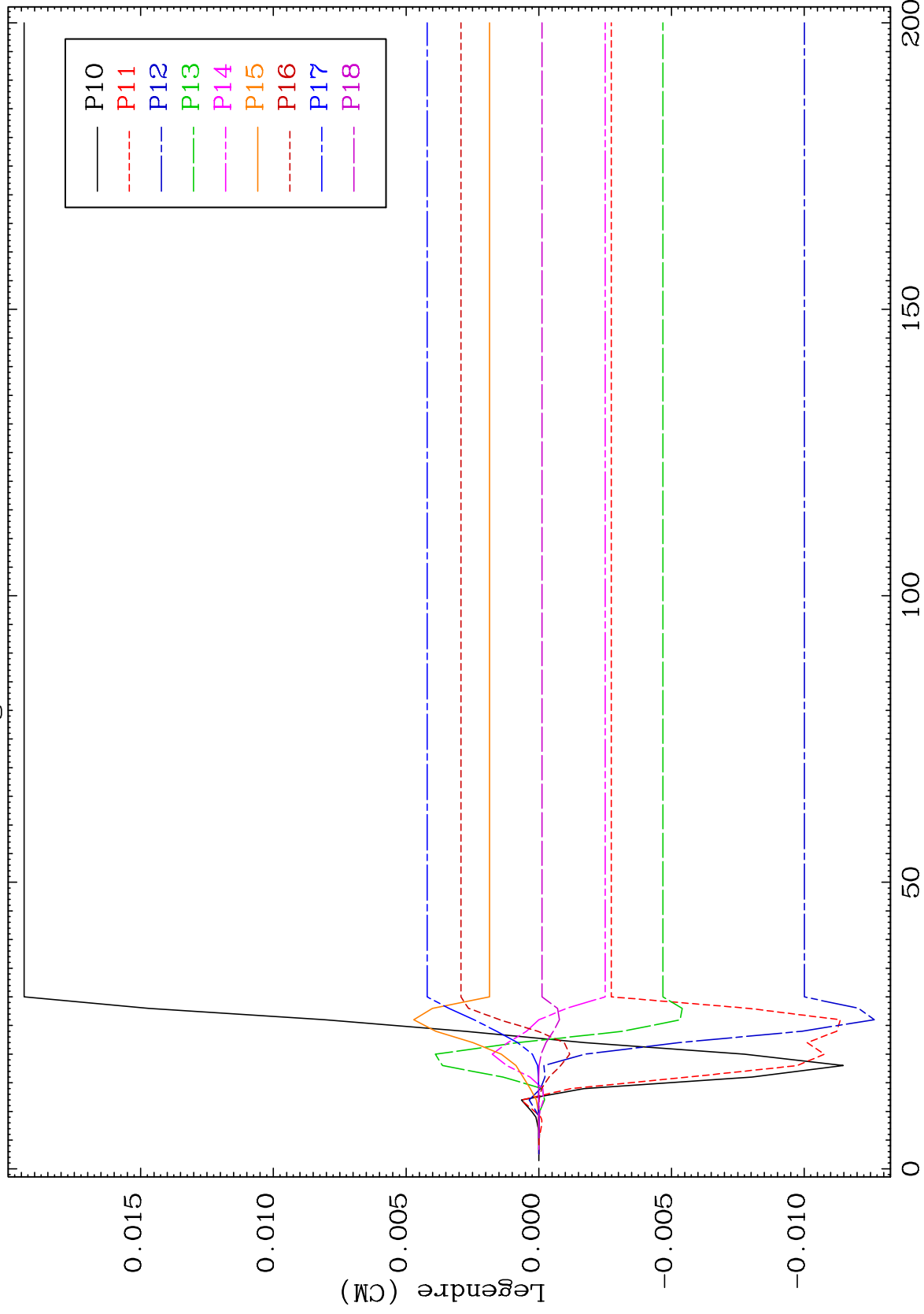
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



78

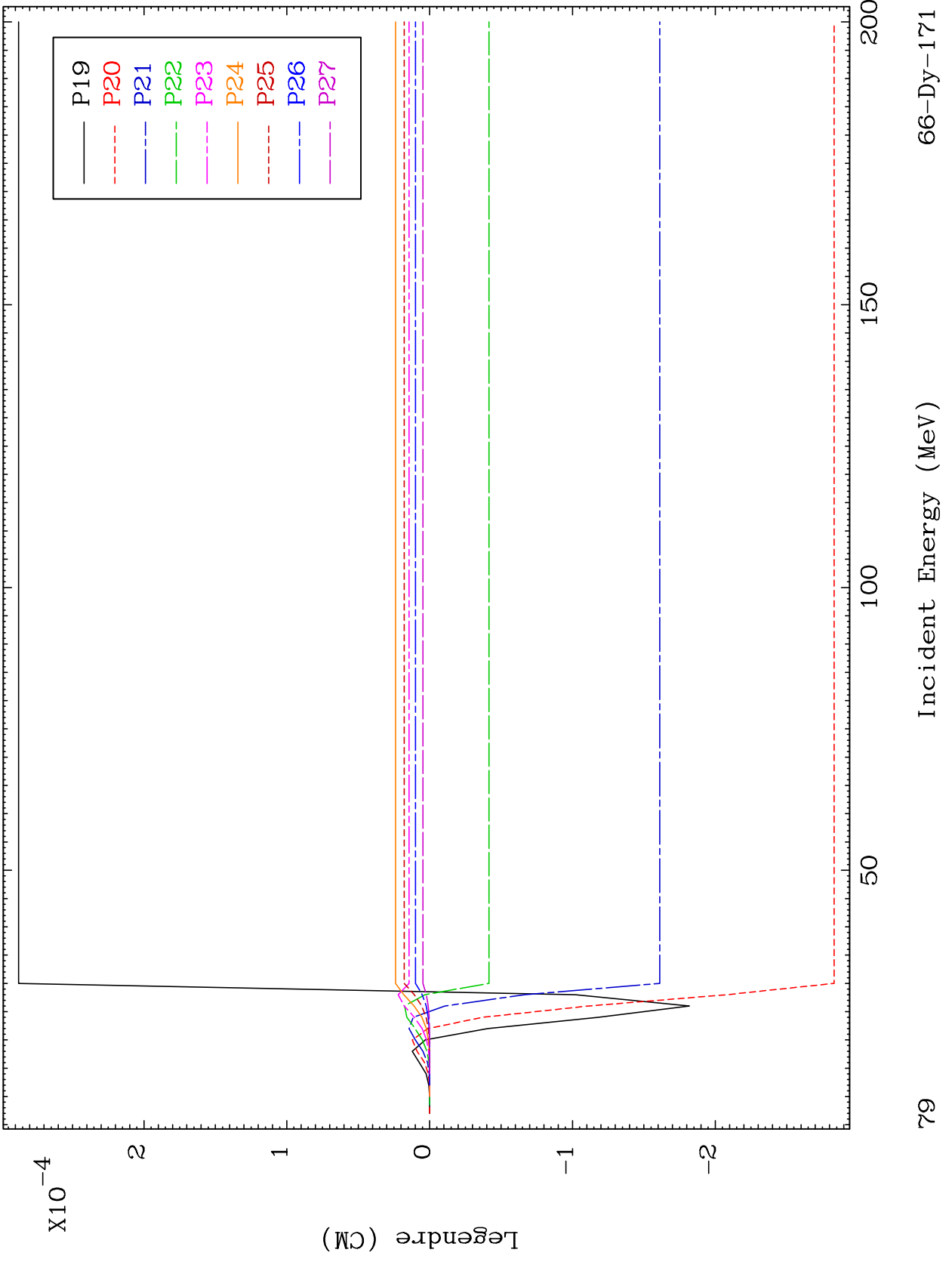
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

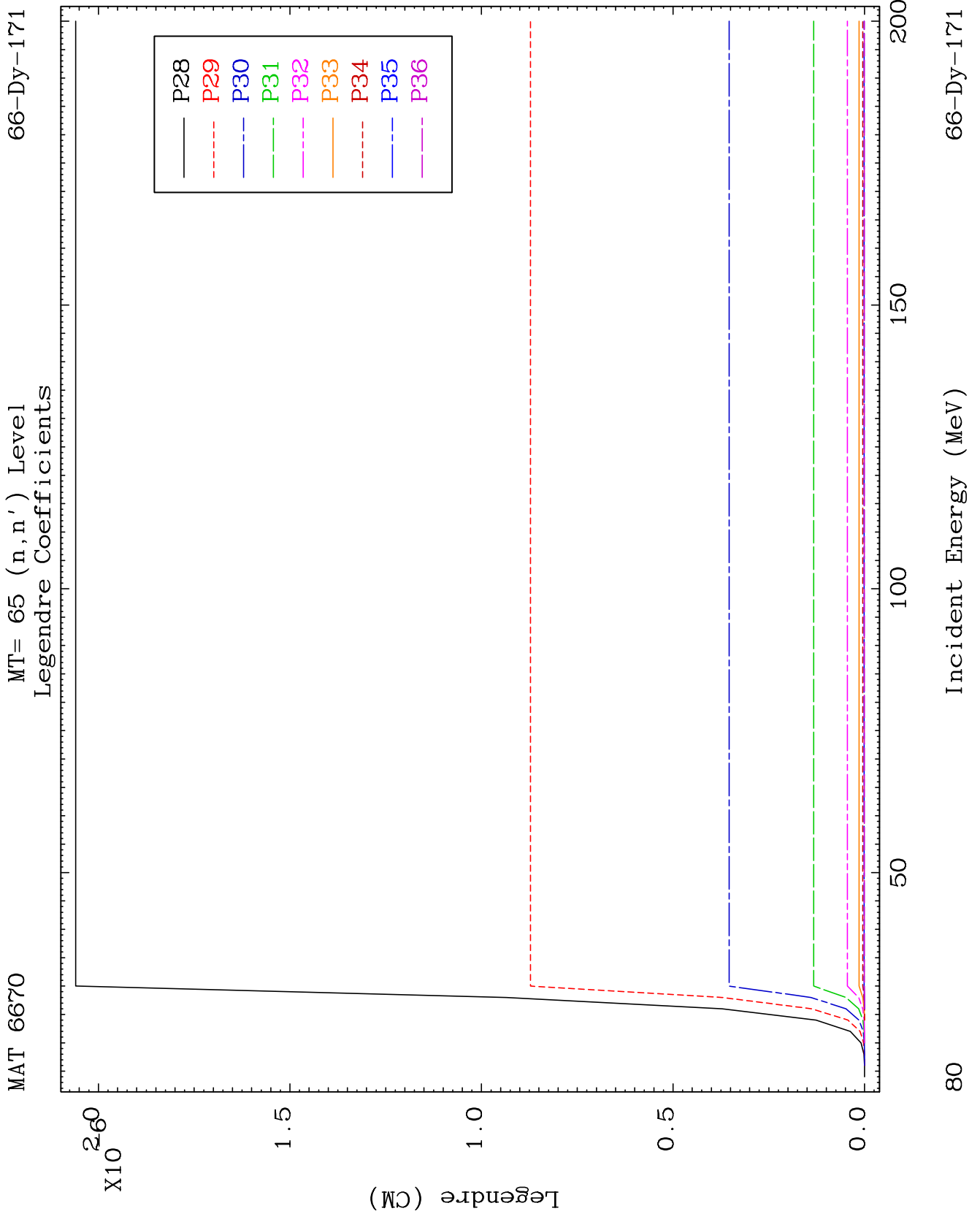
66-Dy-171



79

Incident Energy (MeV)

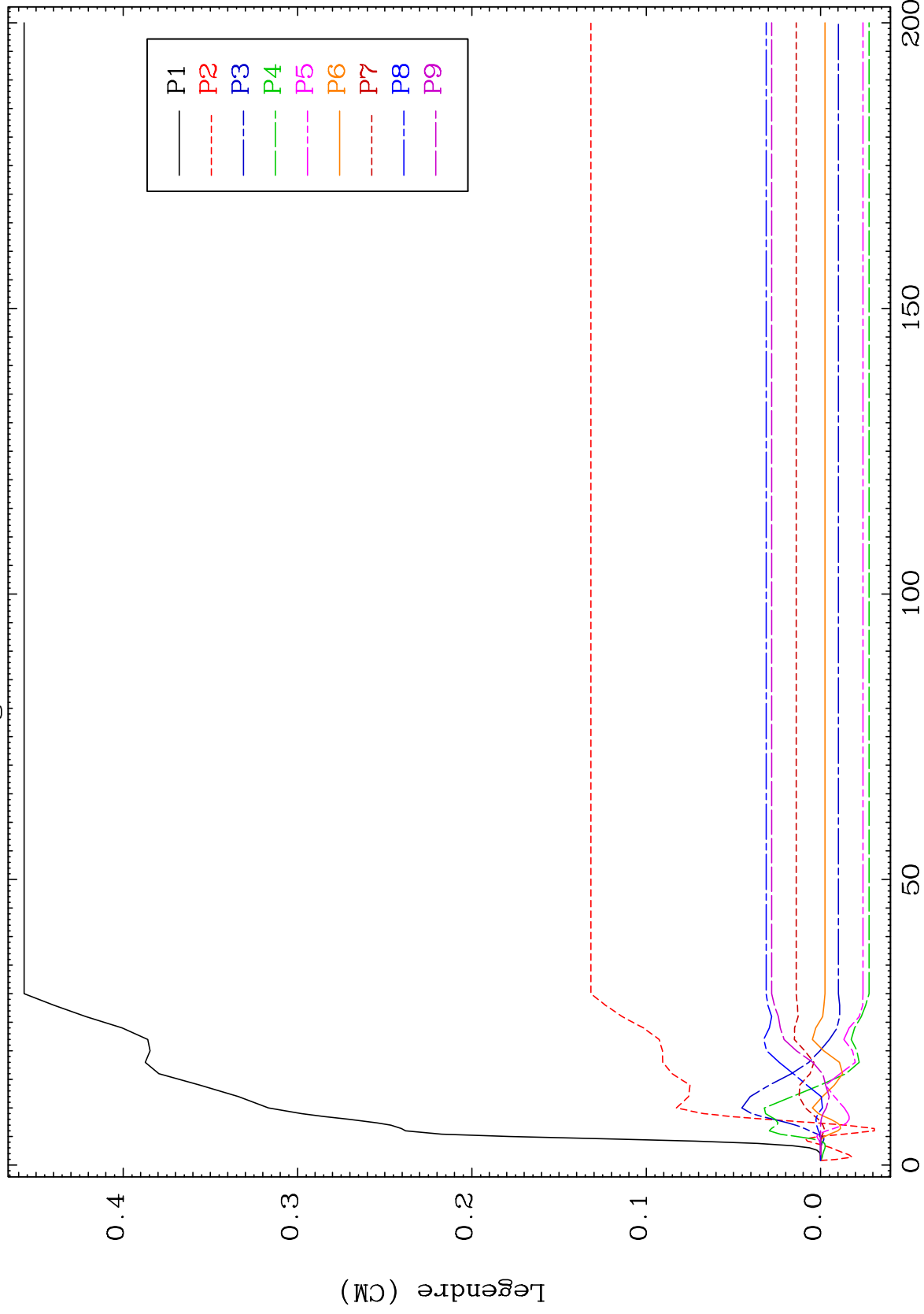
66-Dy-171



MAT 6670

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

66-Dy-171



81

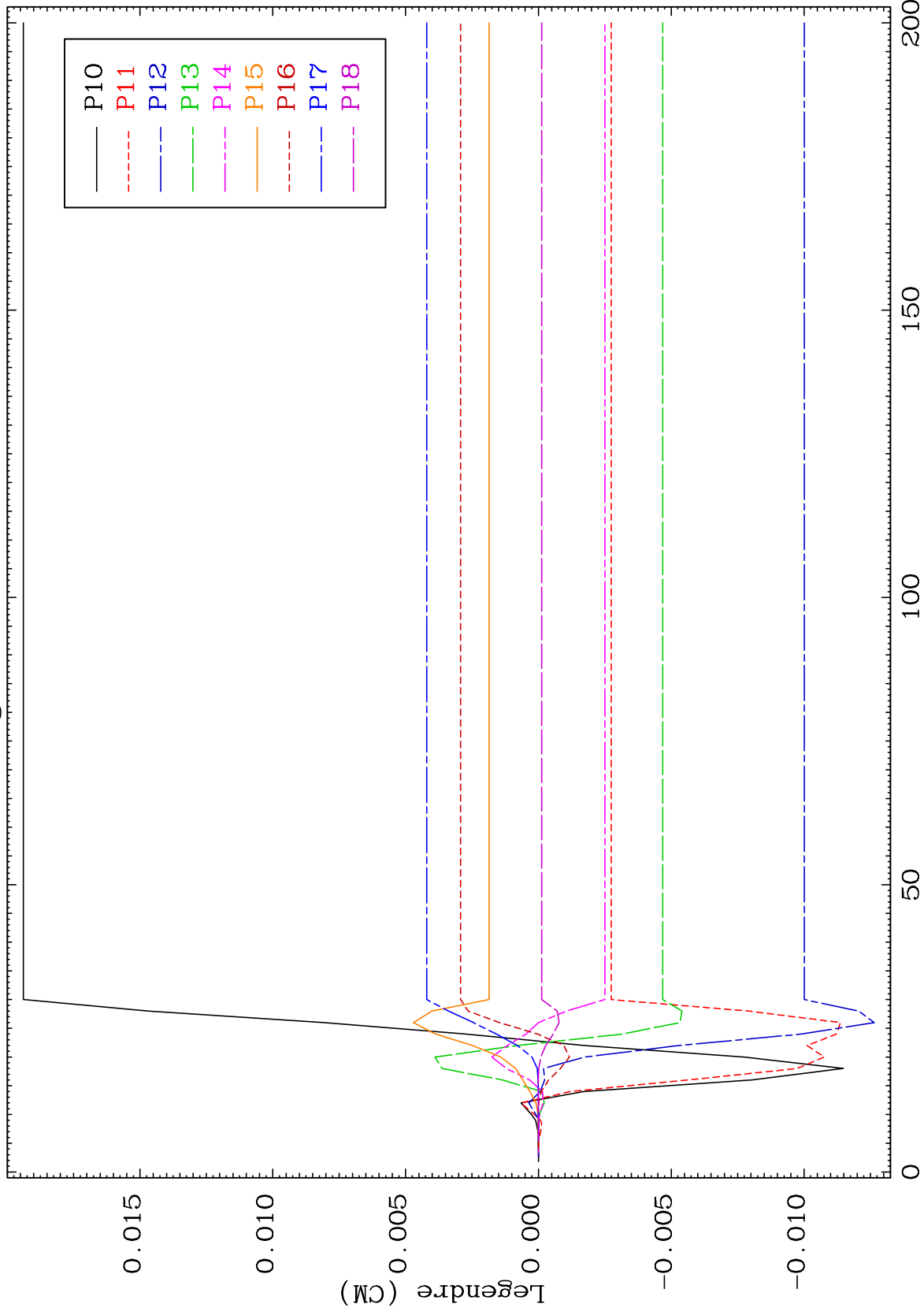
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



82

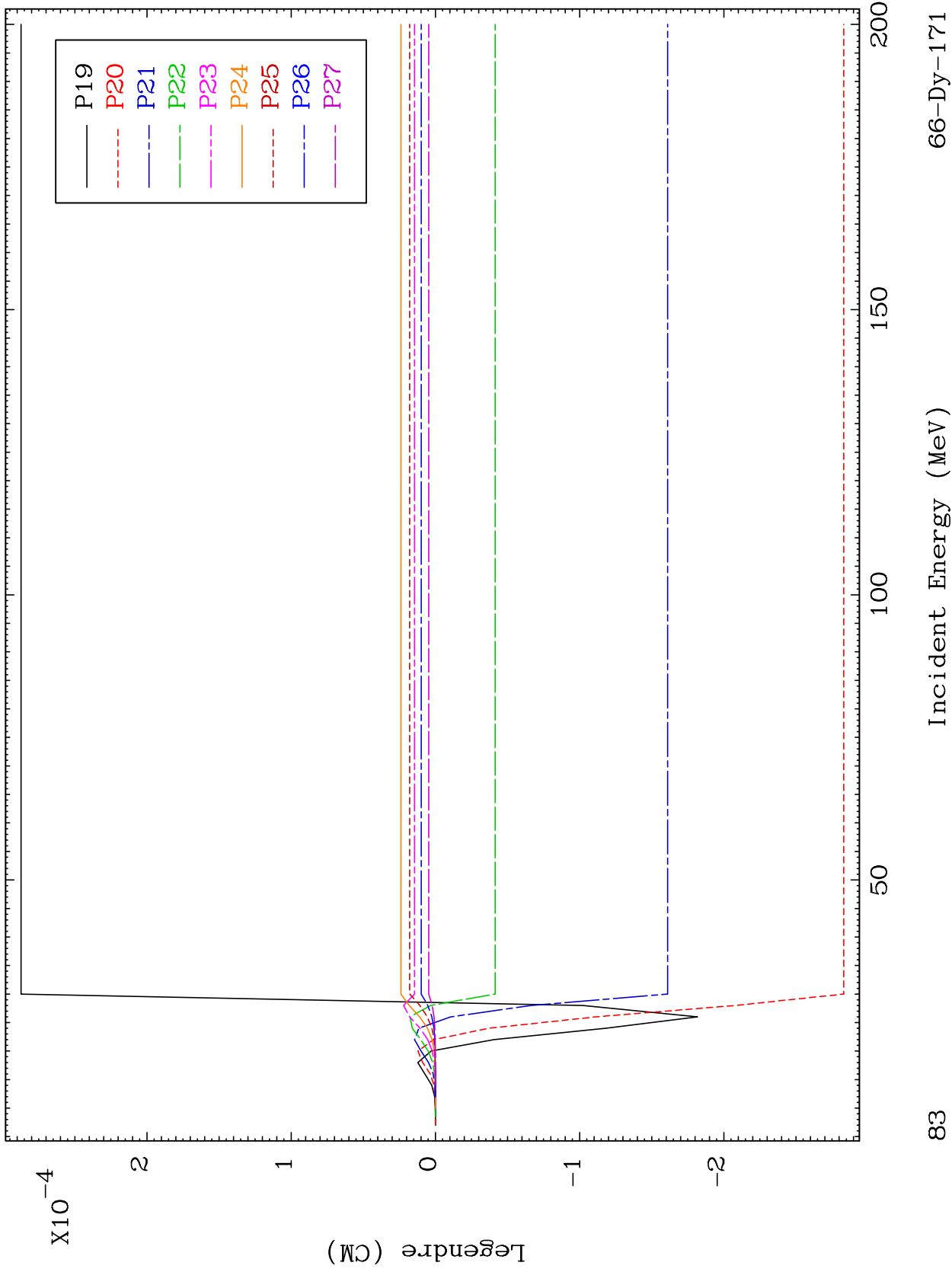
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



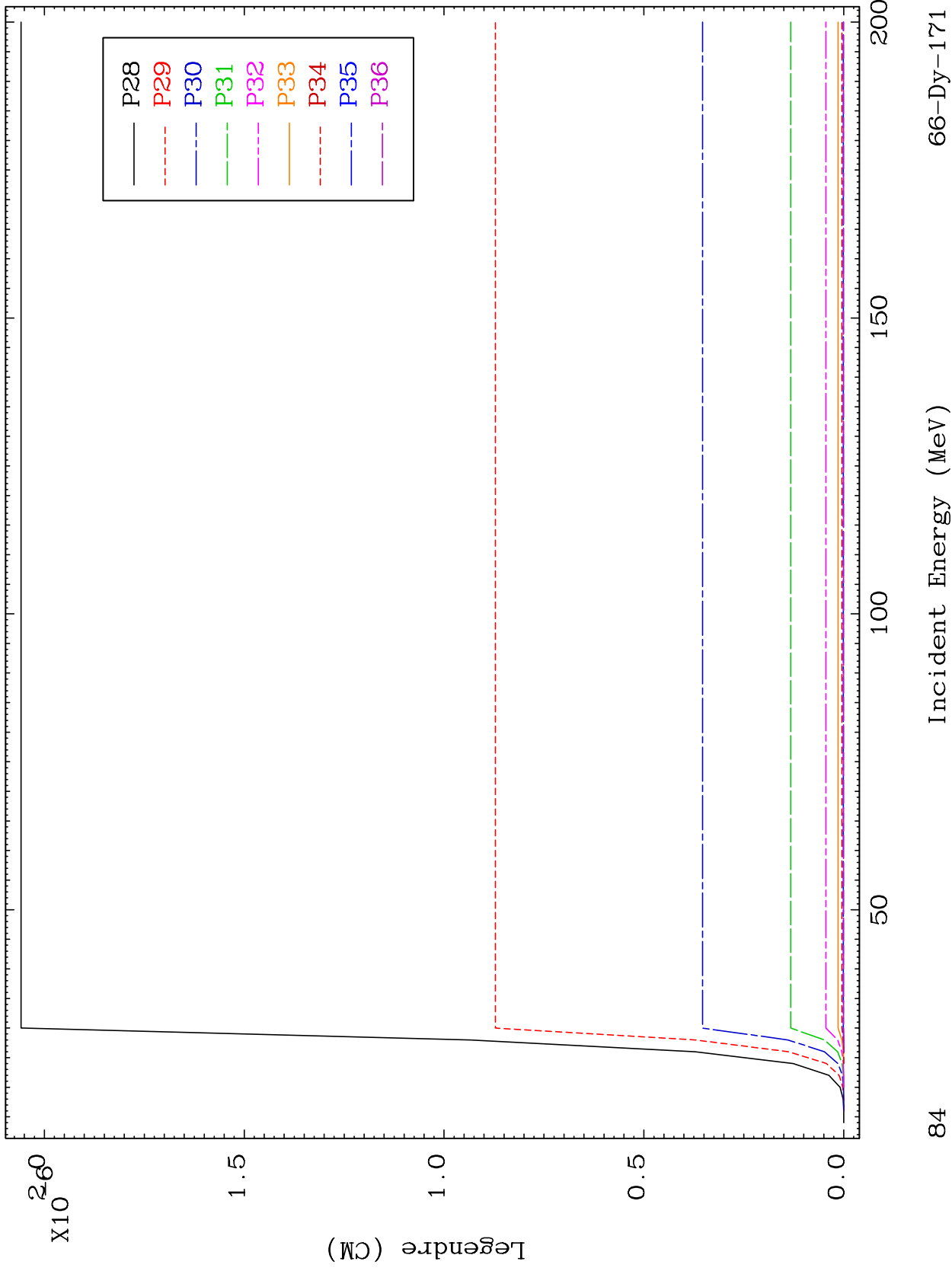
66-Dy-171

Incident Energy (MeV)

MAT 6670

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

66-Dy-171



84

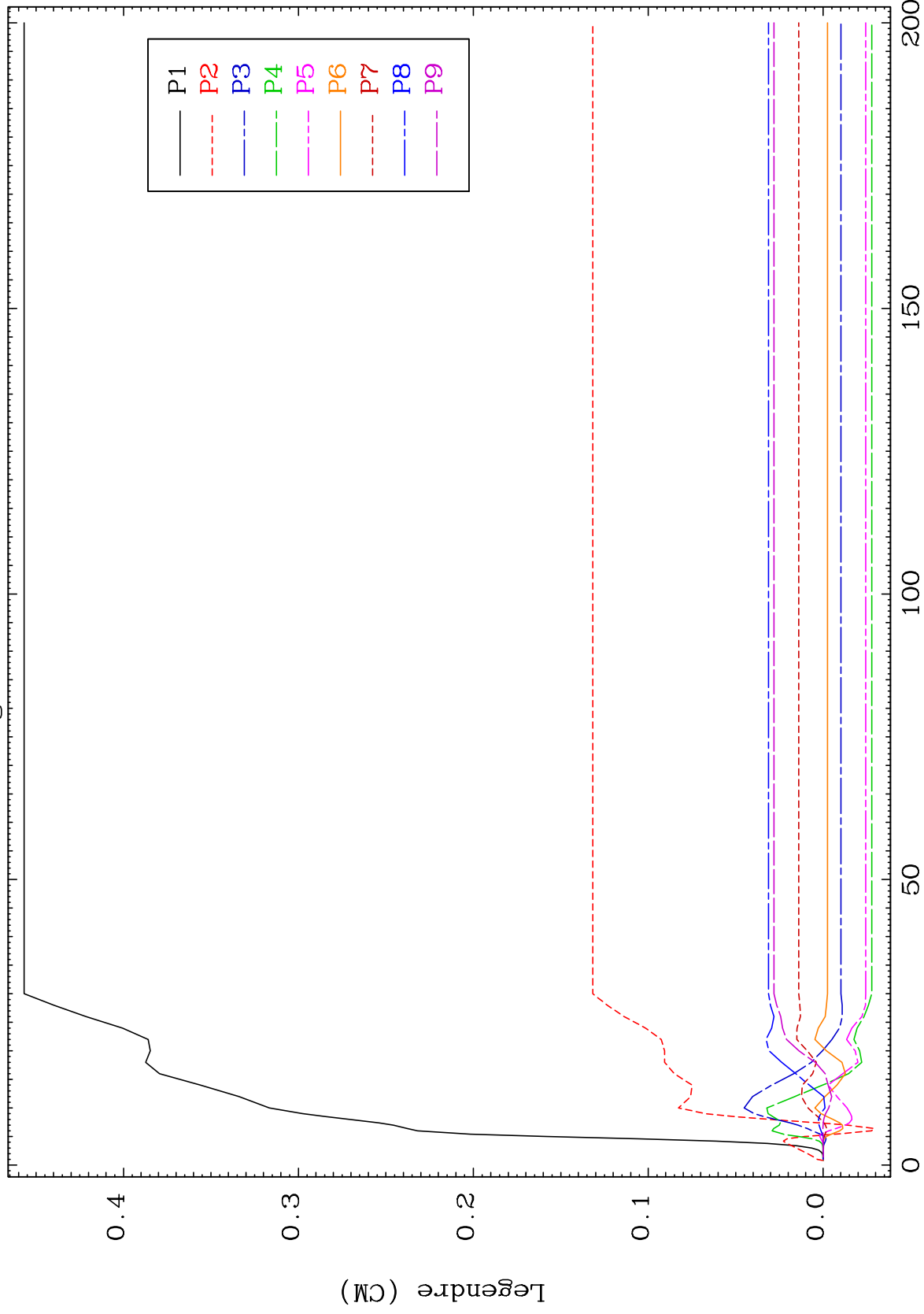
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



85

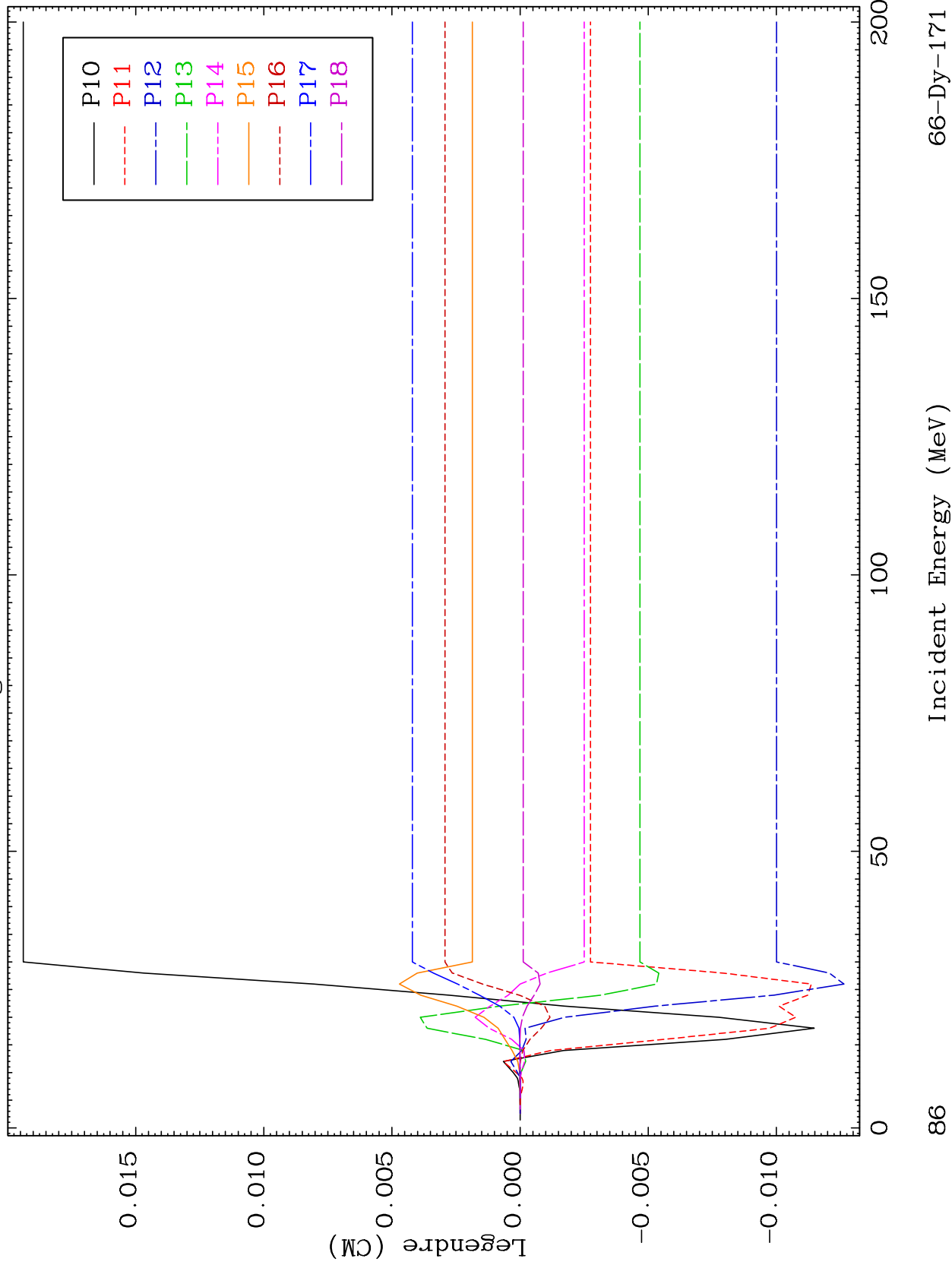
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



86

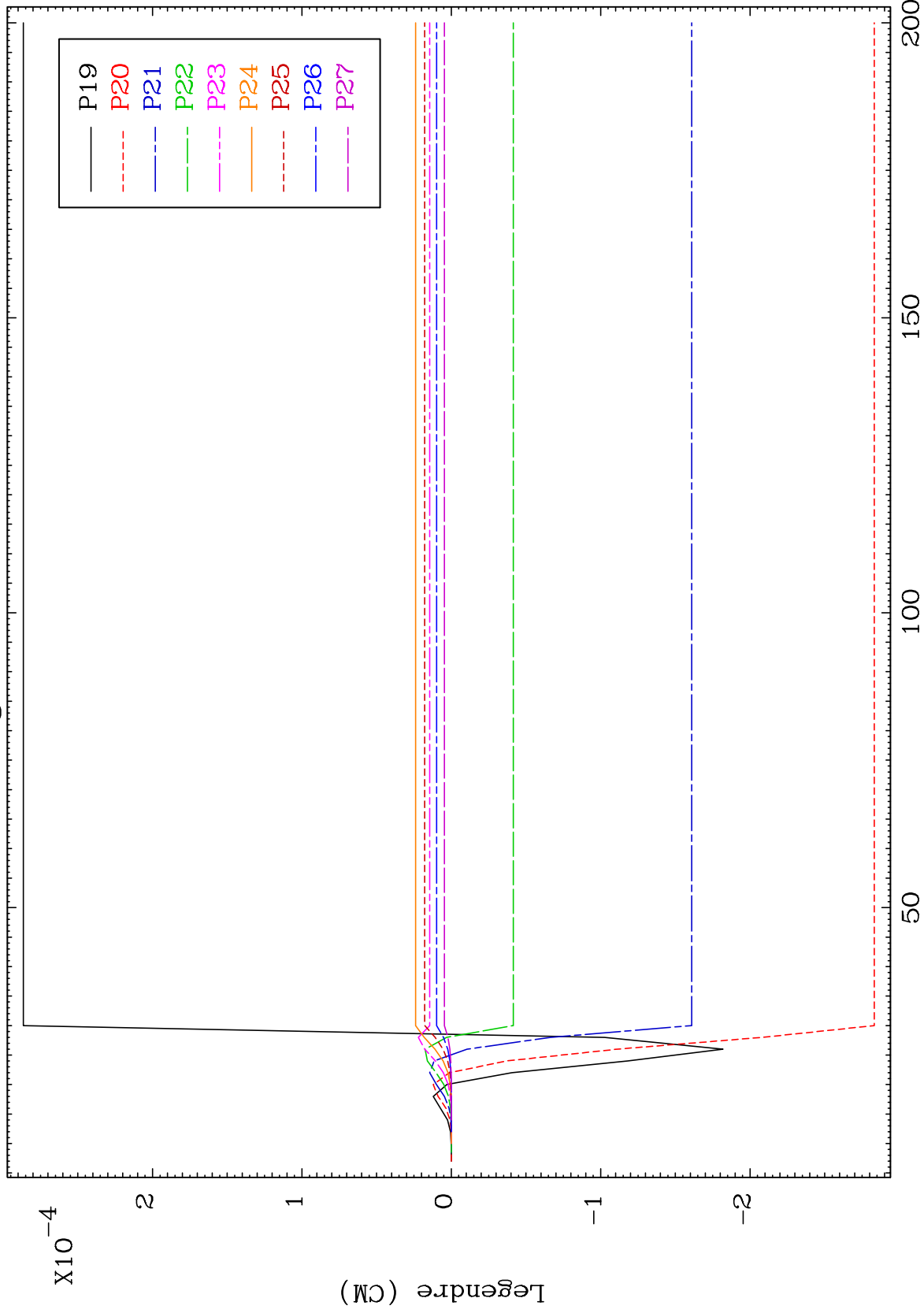
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



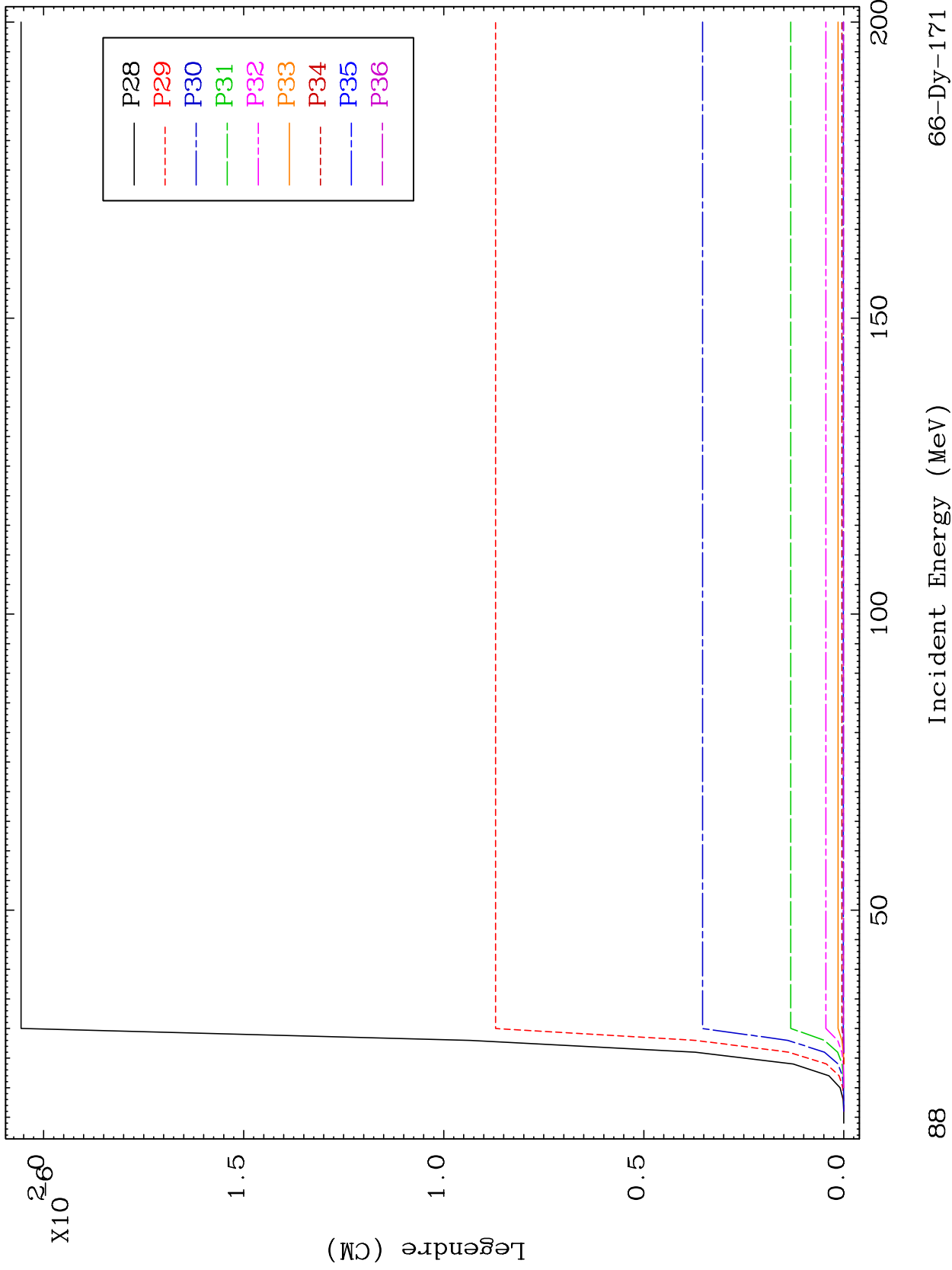
87

66-Dy-171

MAT 6670

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

66-Dy-171



88

Incident Energy (MeV)

66-Dy-171

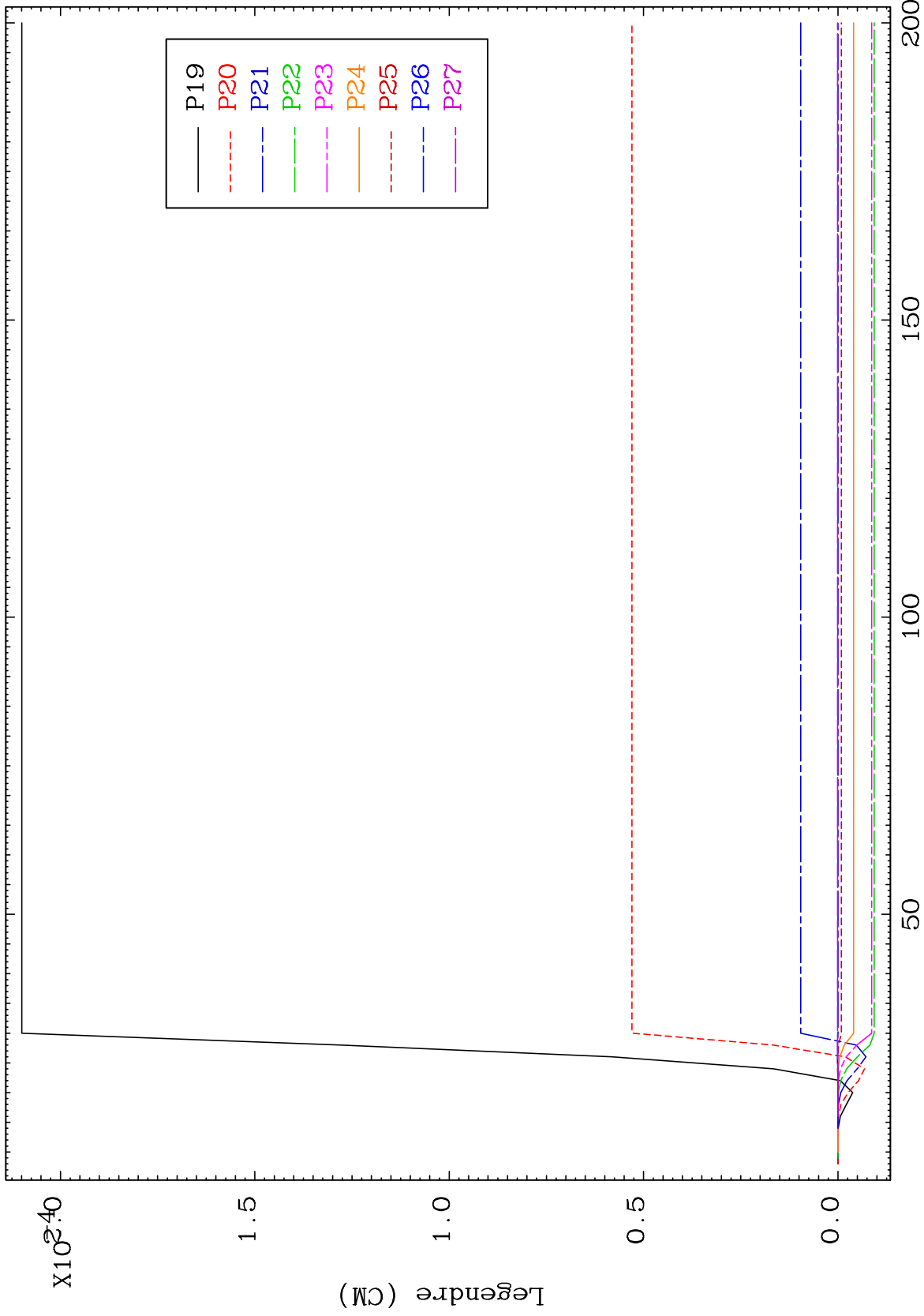




MAT 6670

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

66-Dy-171



91

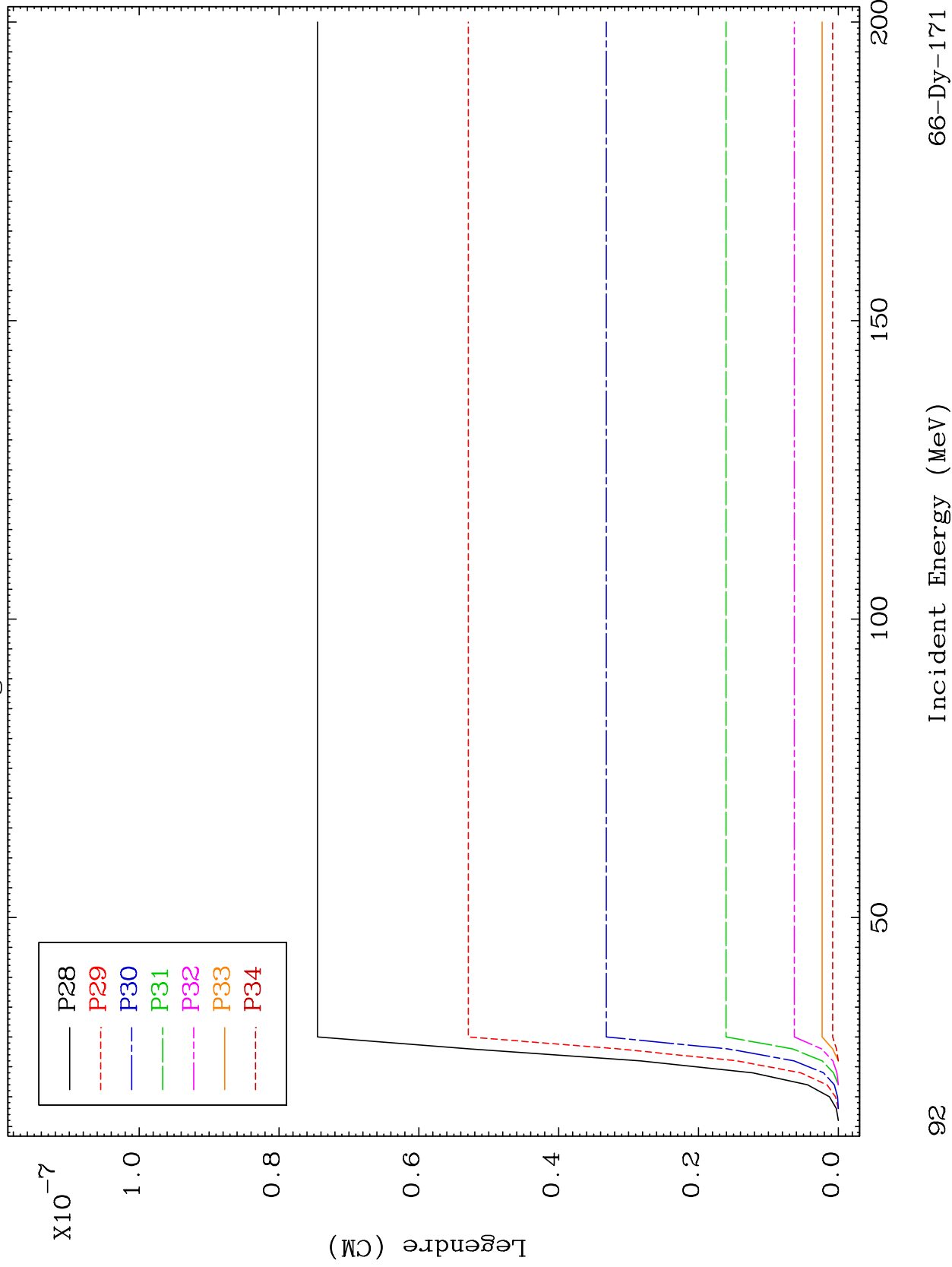
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171

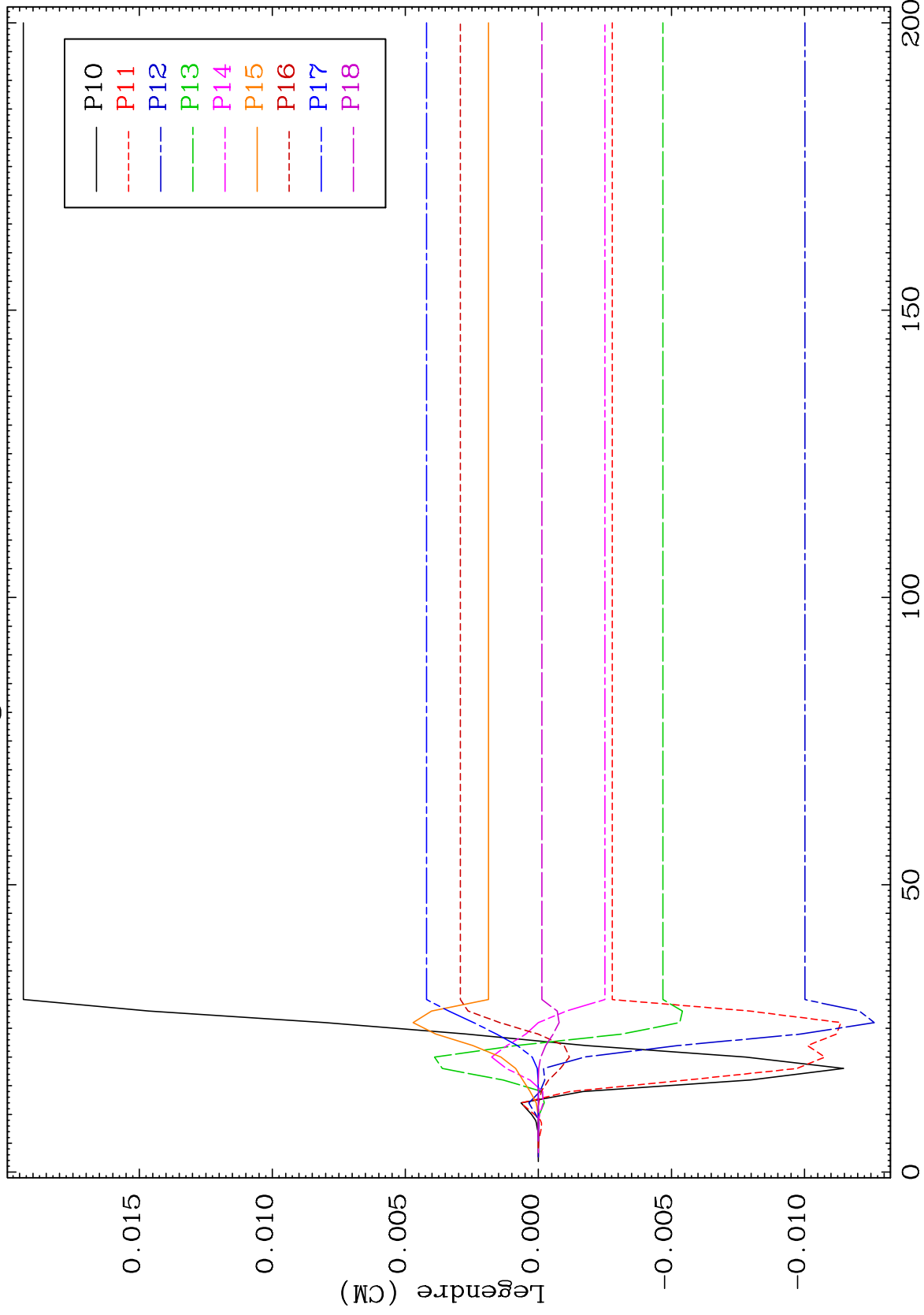




MAT 6670

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

66-Dy-171



94

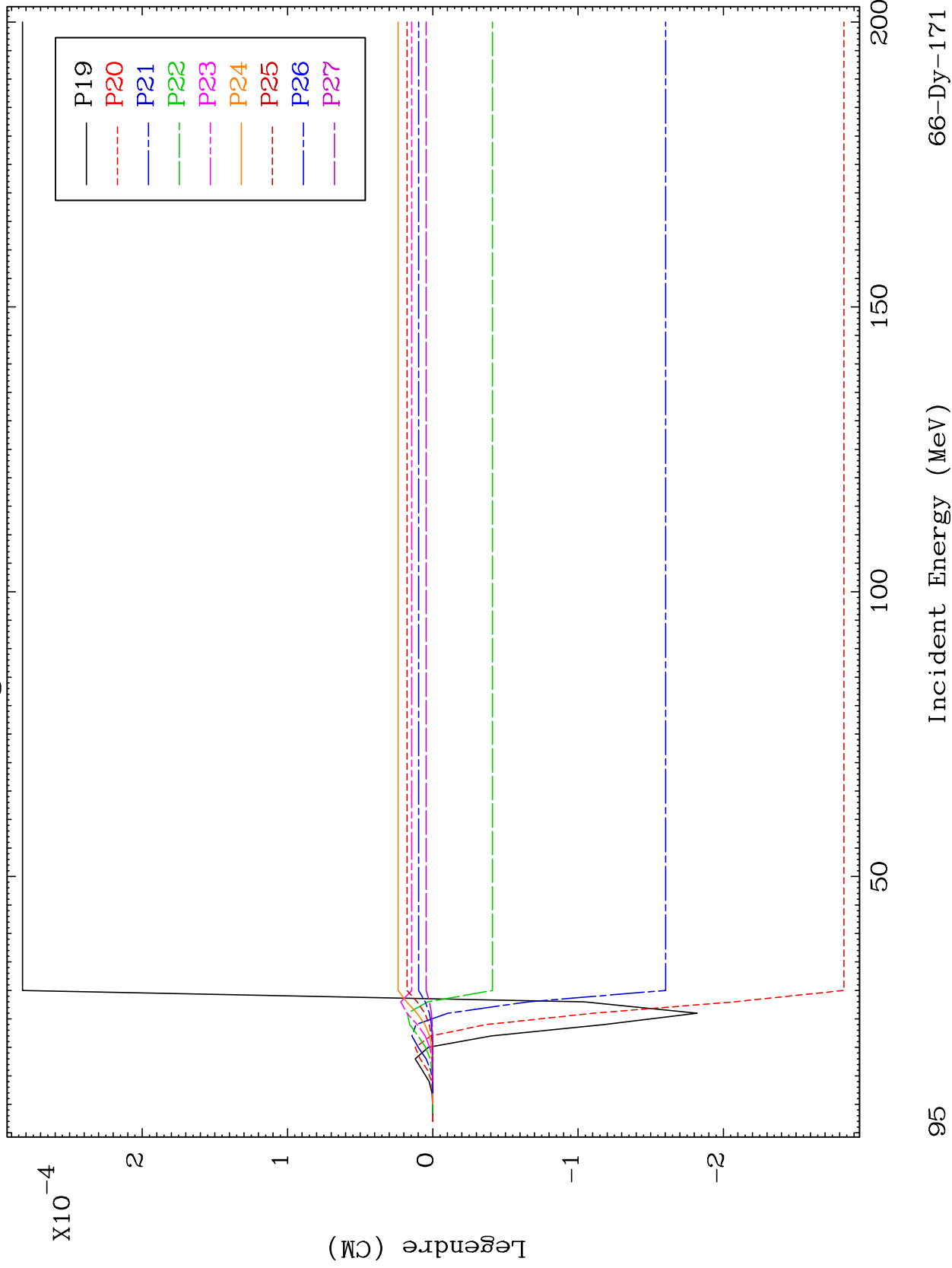
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

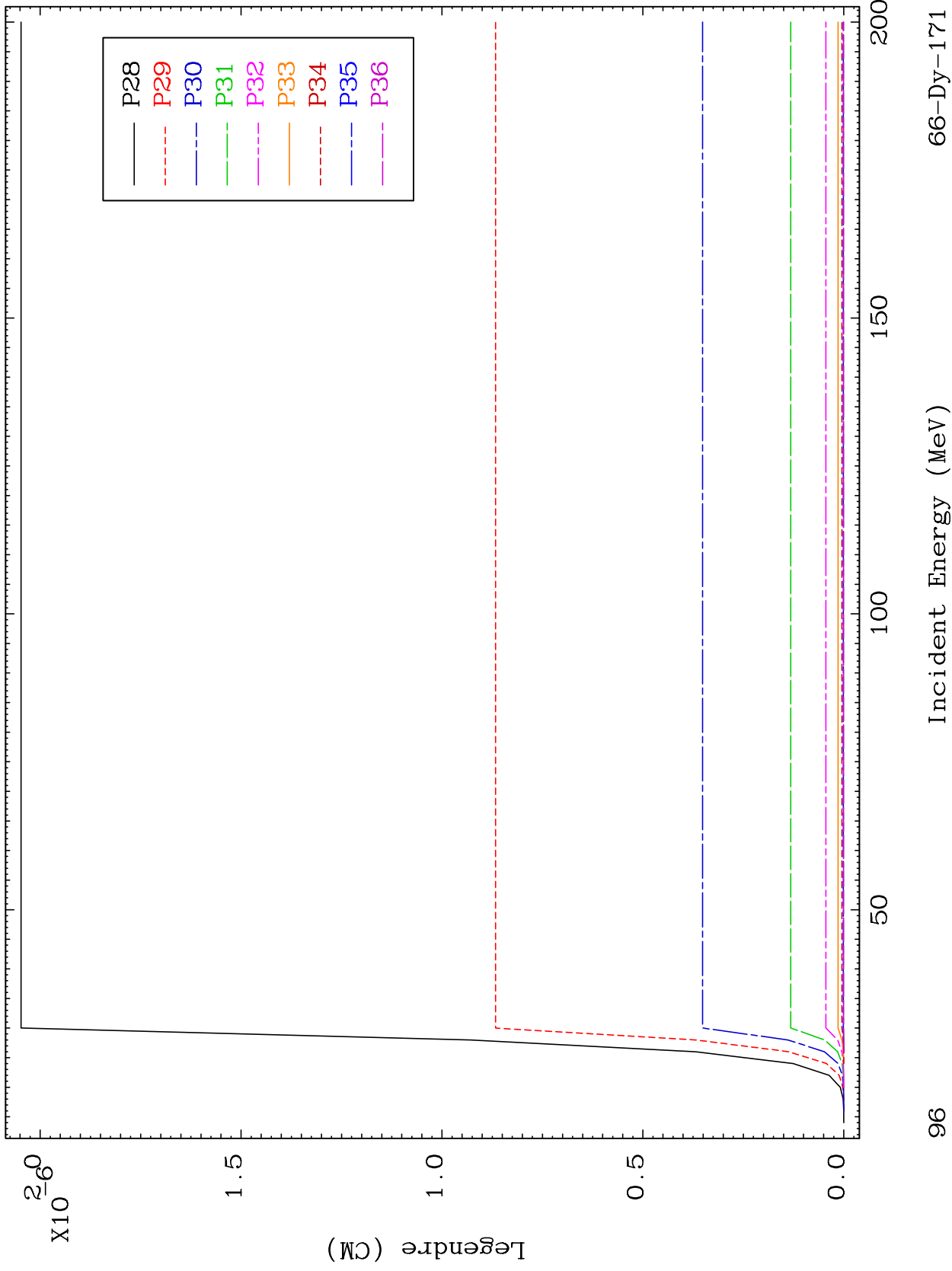
66-Dy-171



MAT 6670

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

66-Dy-171

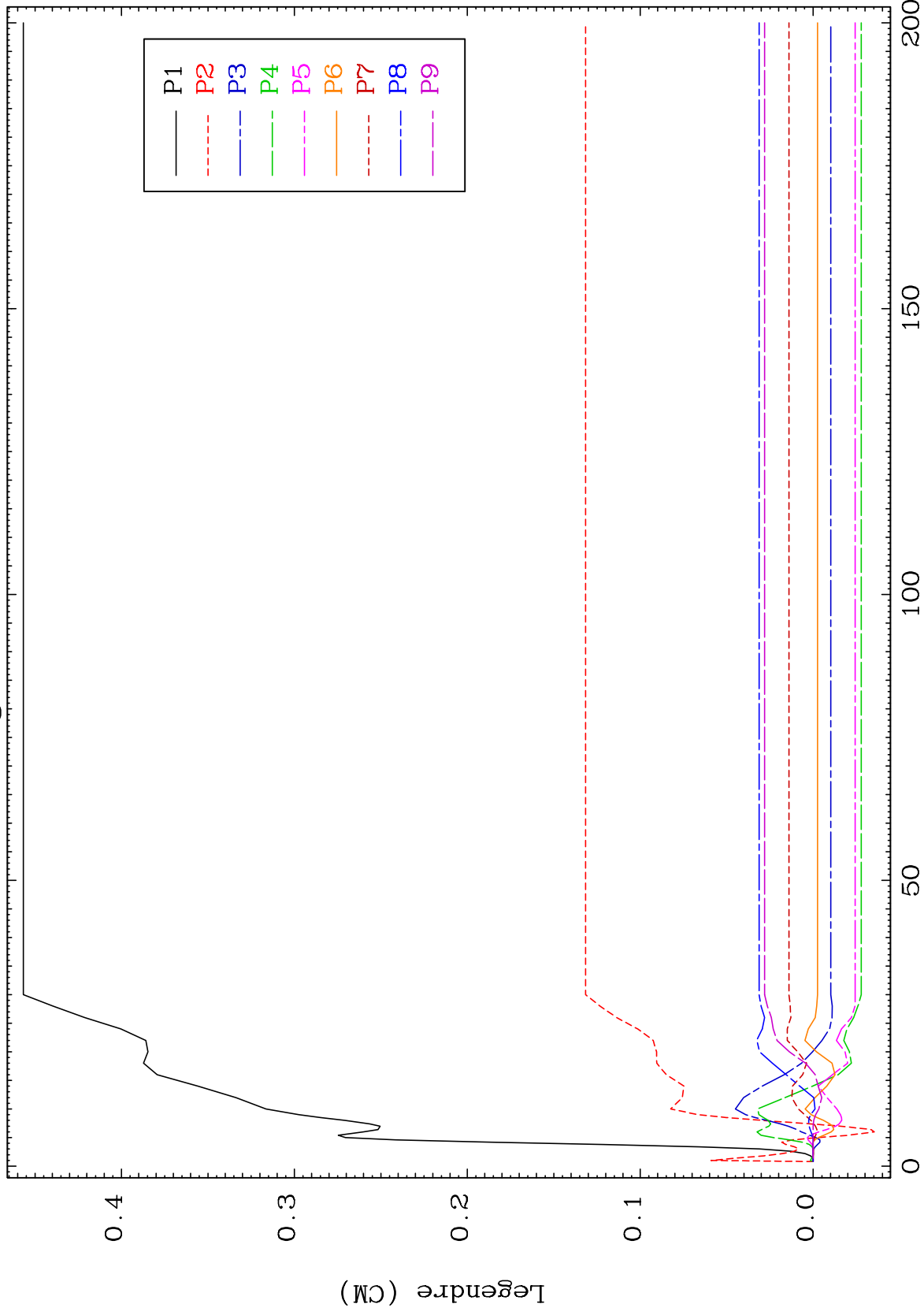


96

MAT 6670

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

66-Dy-171



97

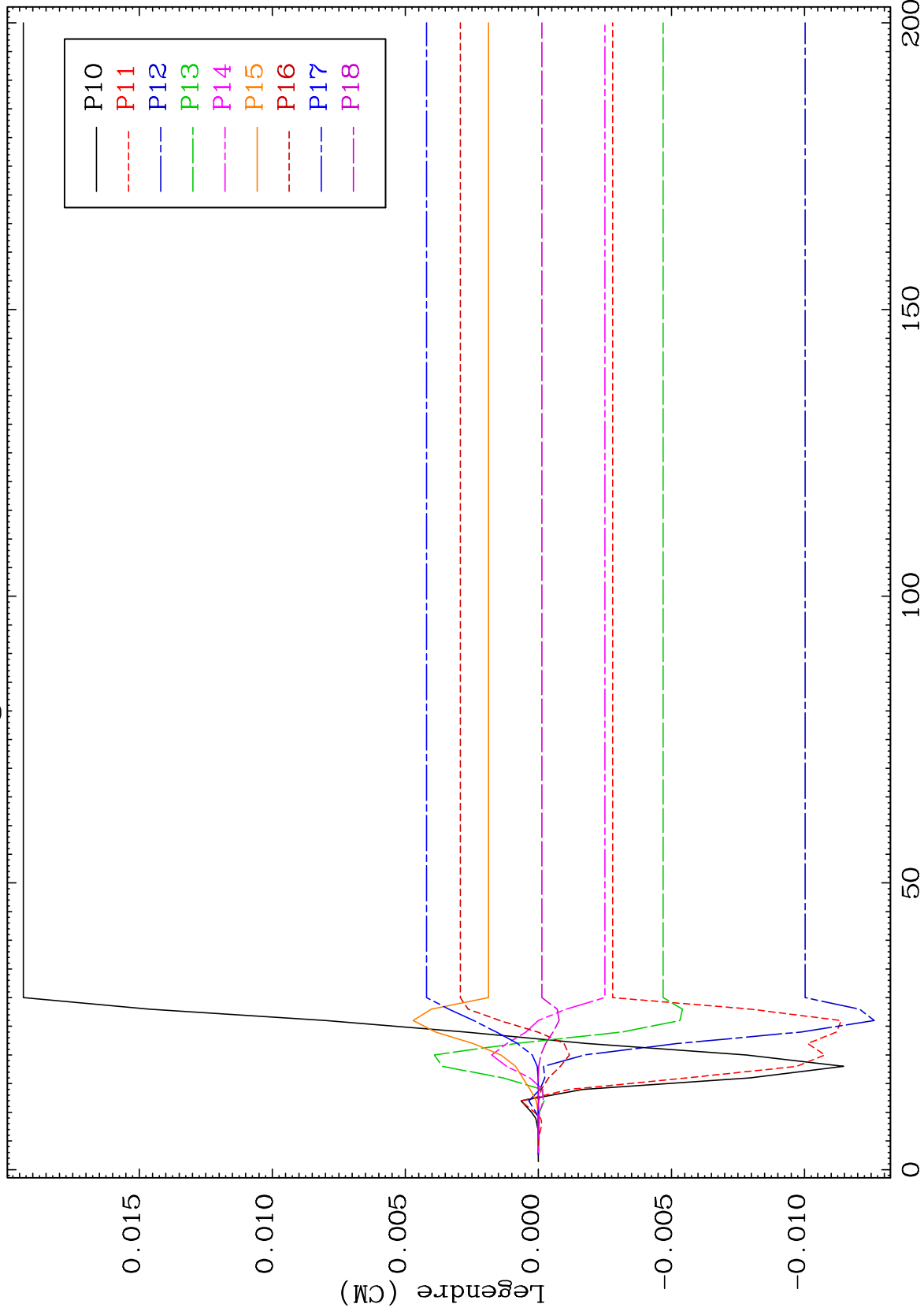
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



98

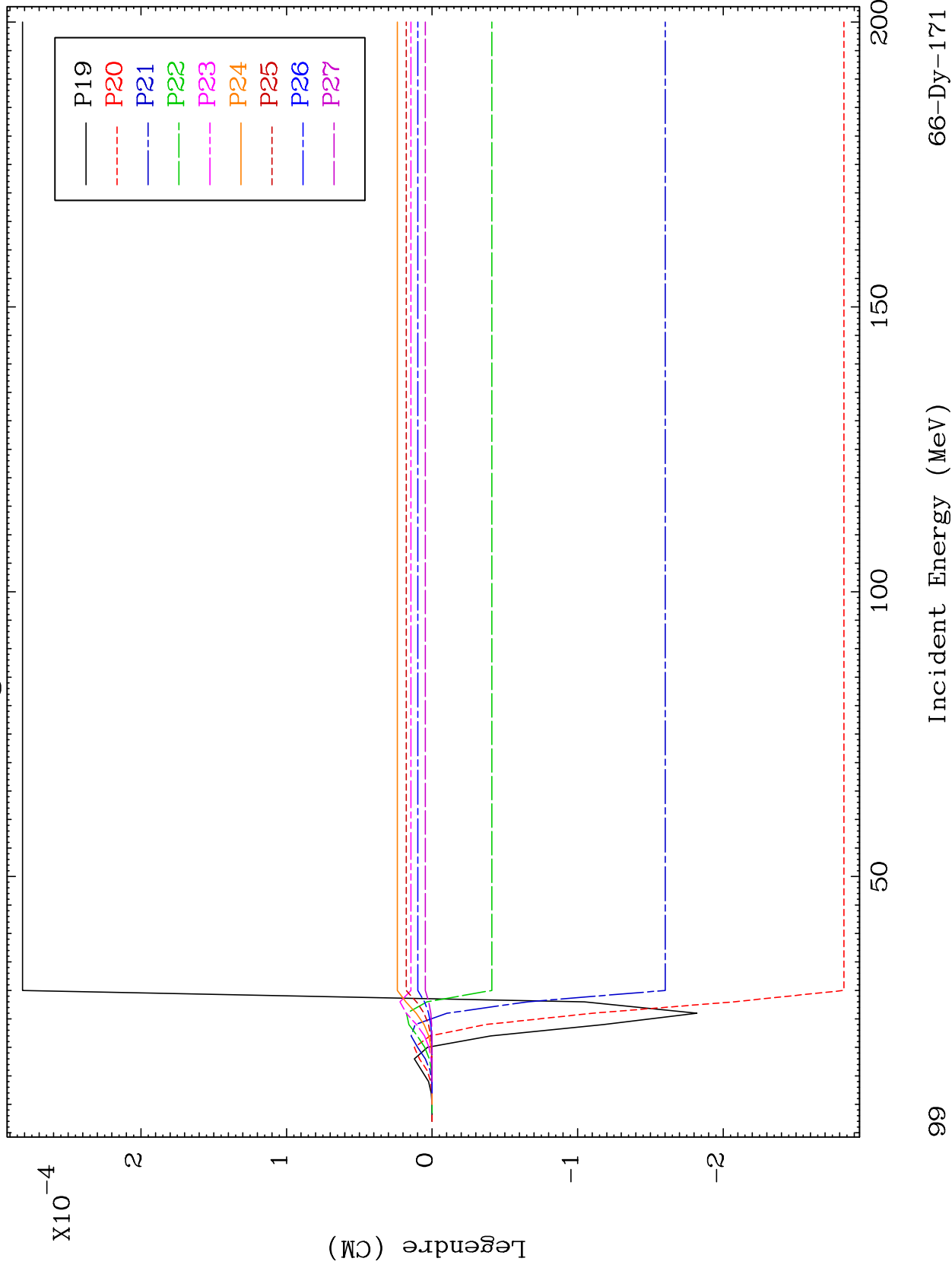
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

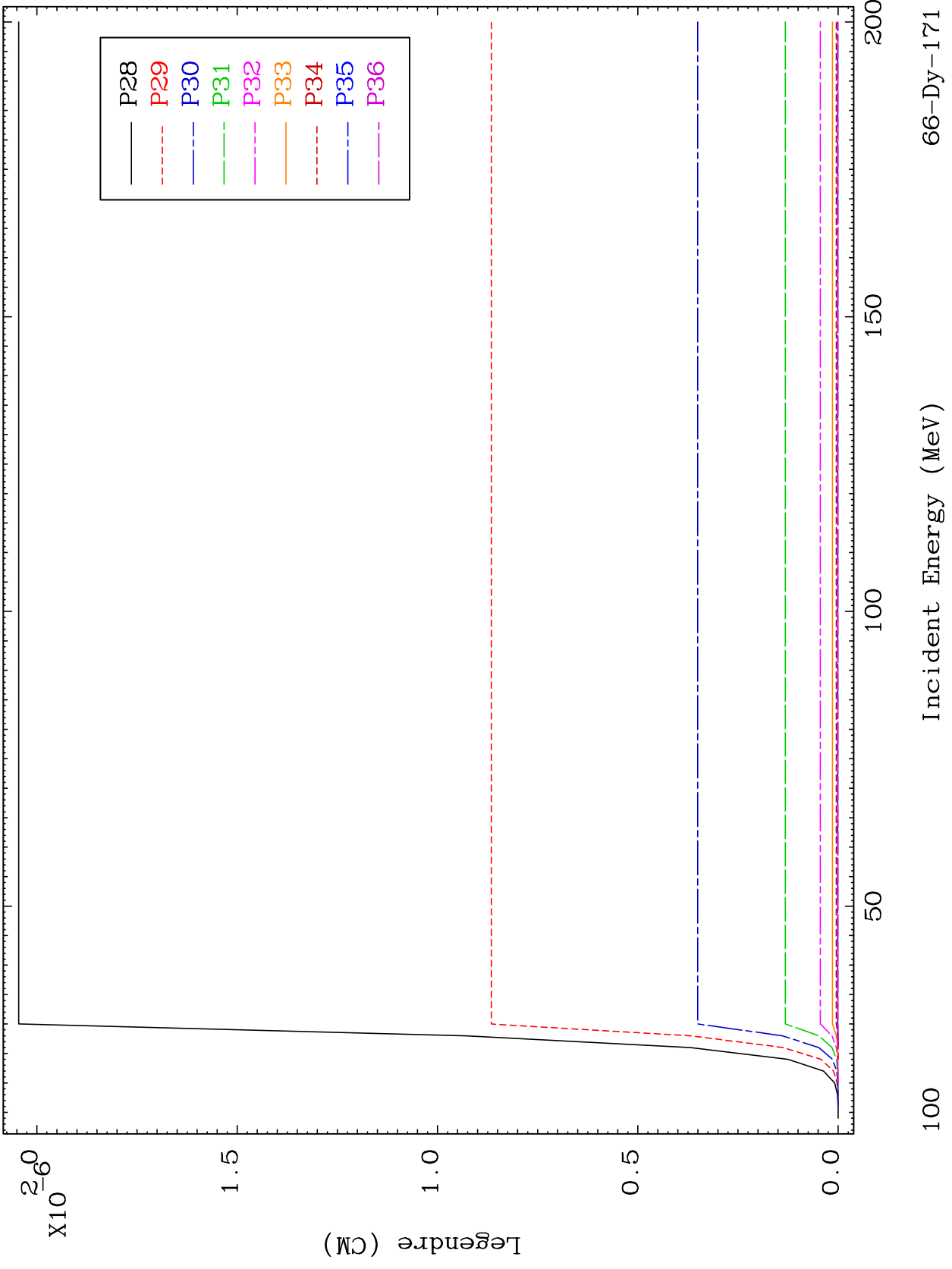
66-Dy-171



MAT 6670

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

66-Dy-171



100

50

100

150

200

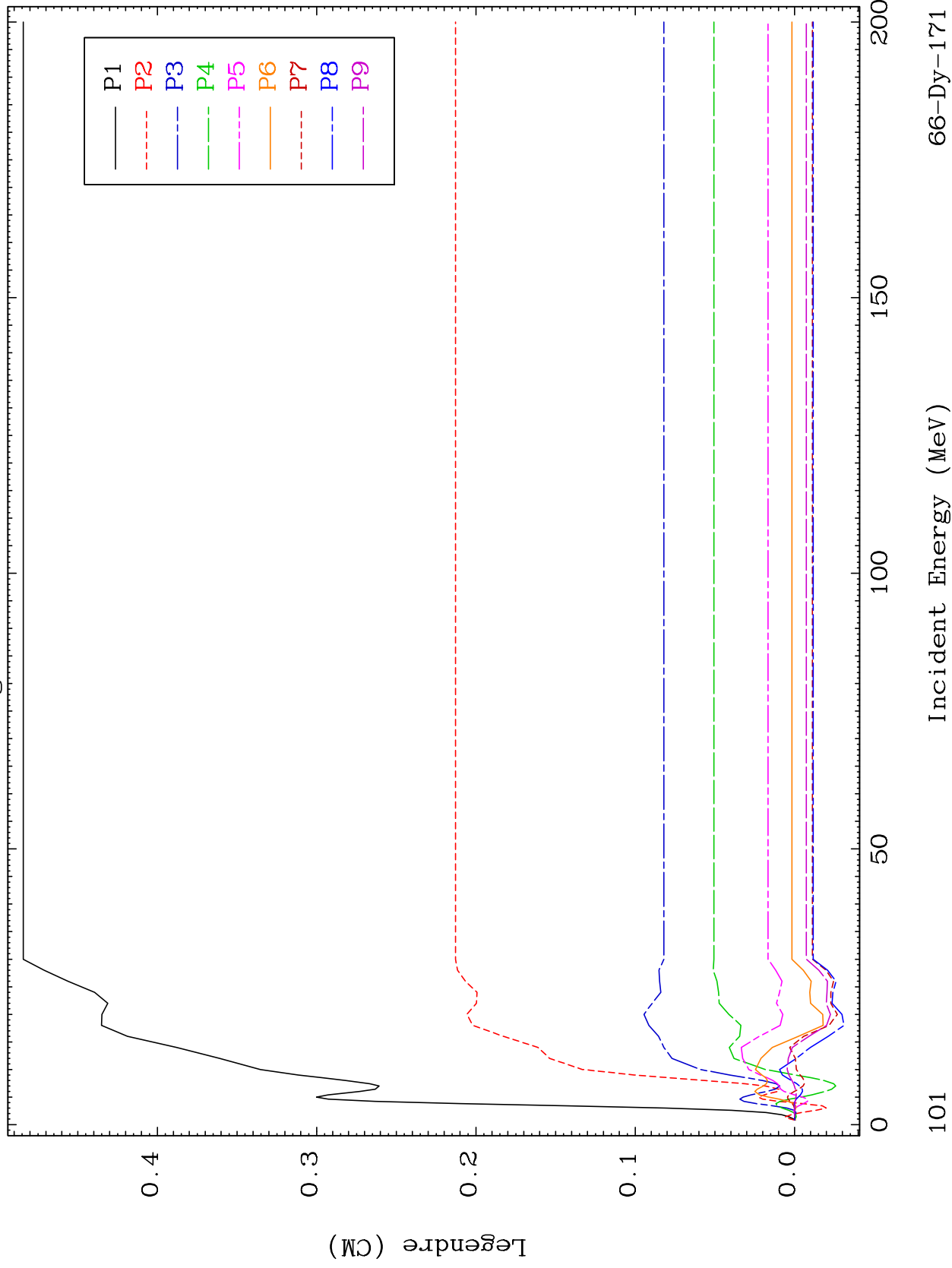
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



66-Dy-171

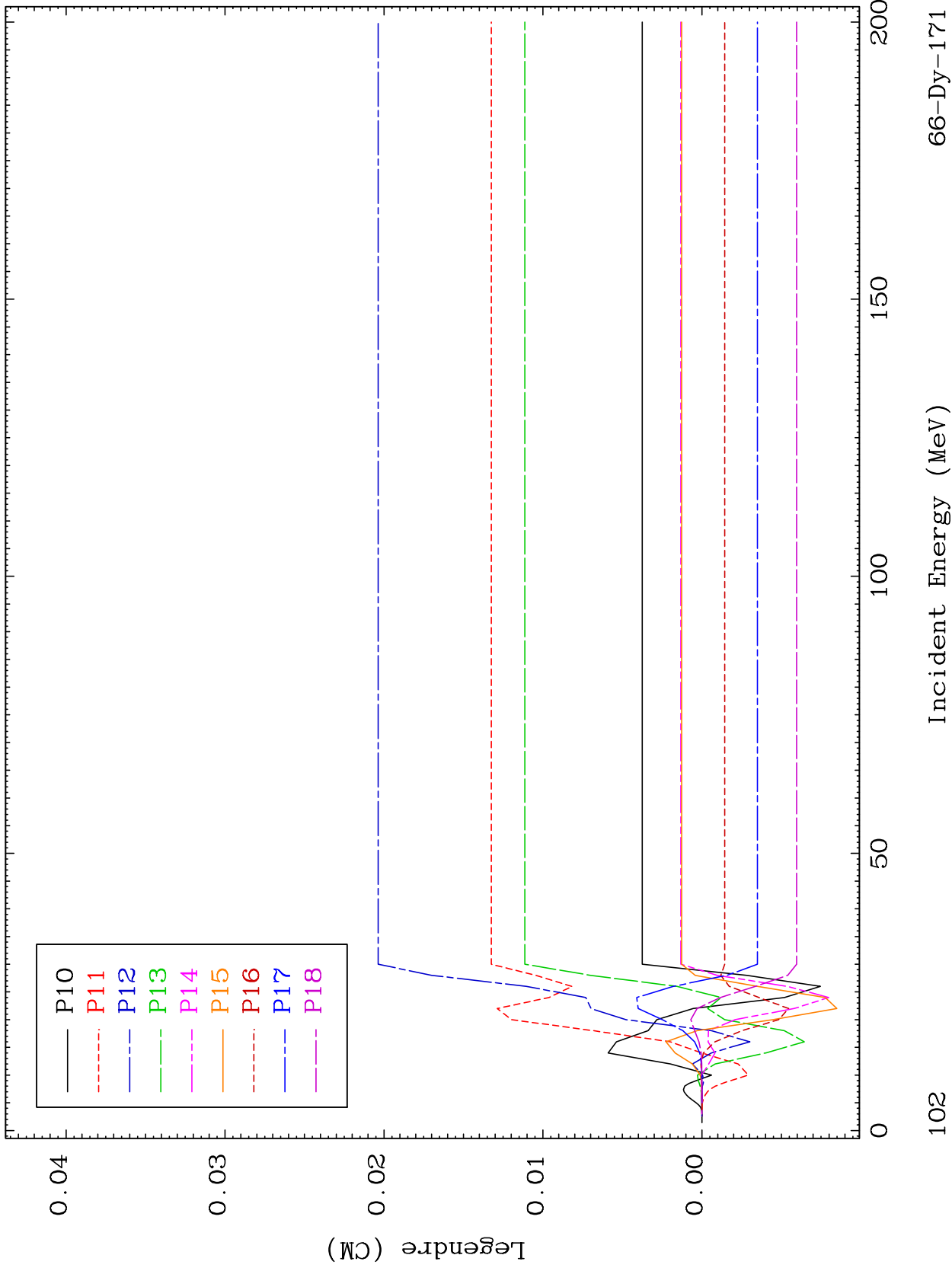
Incident Energy (MeV)

101

MAT 6670

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

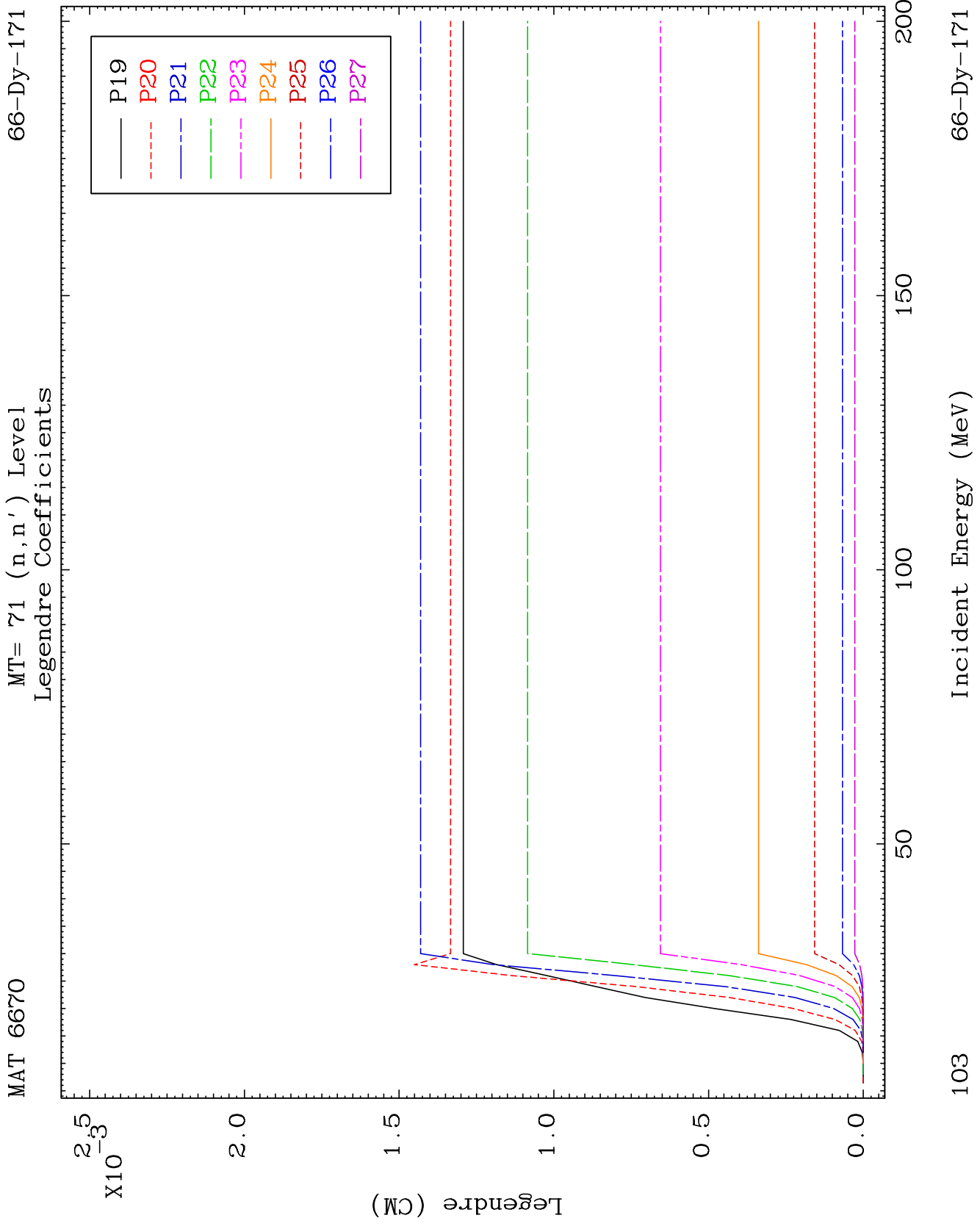
66-Dy-171



66-Dy-171

Incident Energy (MeV)

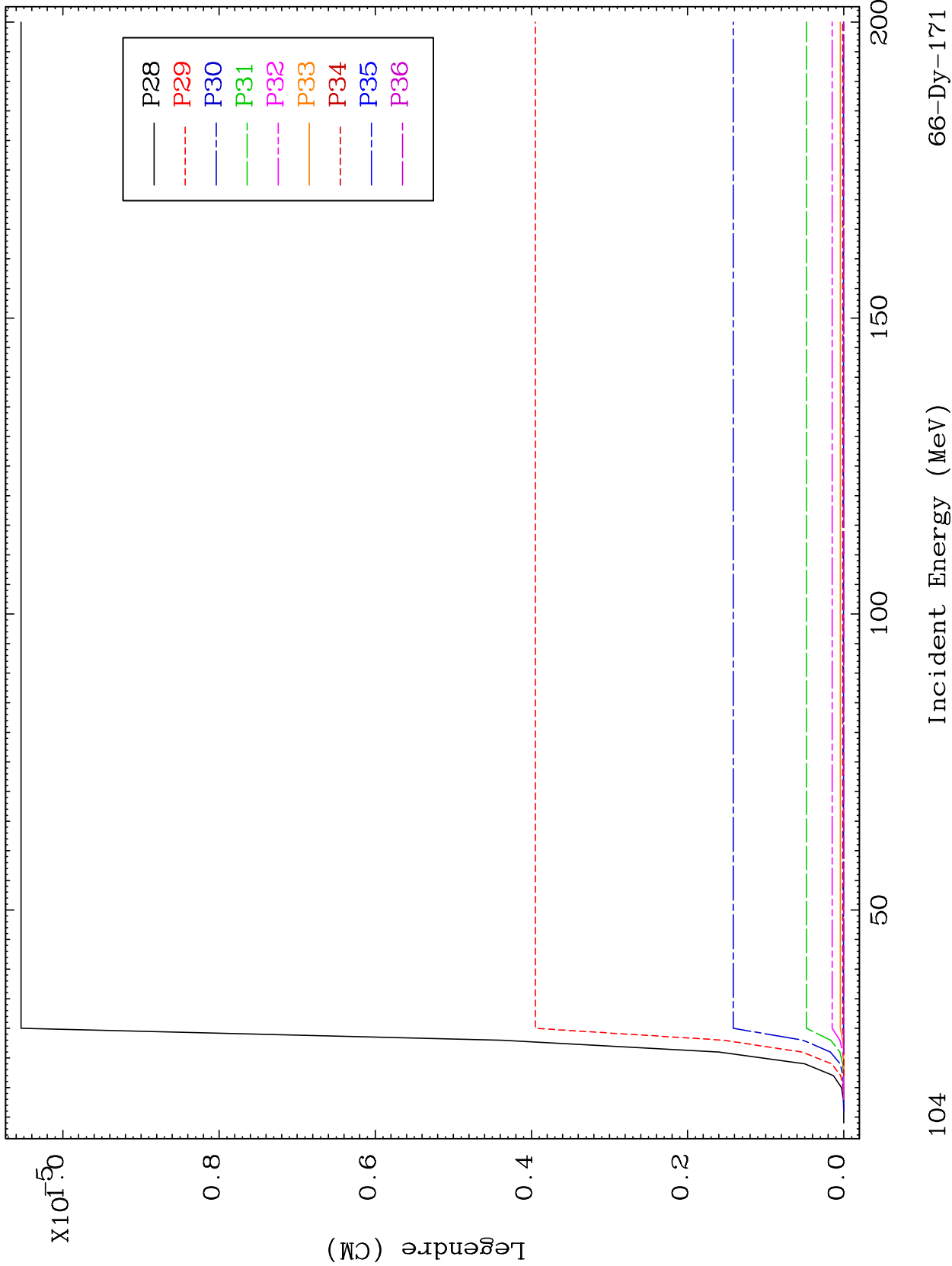
102



MAT 6670

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

66-Dy-171



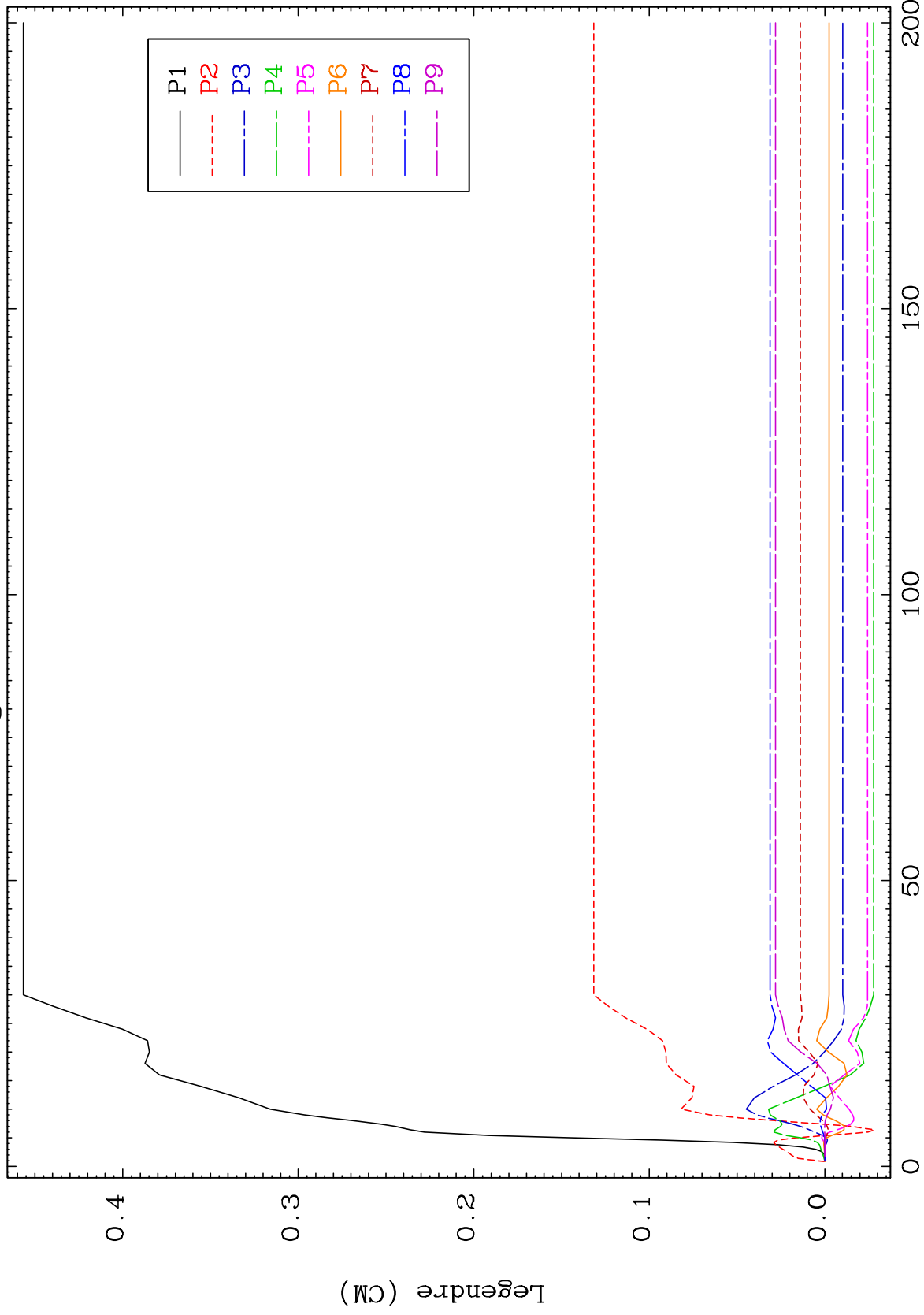
104

66-Dy-171

MAT 6670

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

66-Dy-171



66-Dy-171

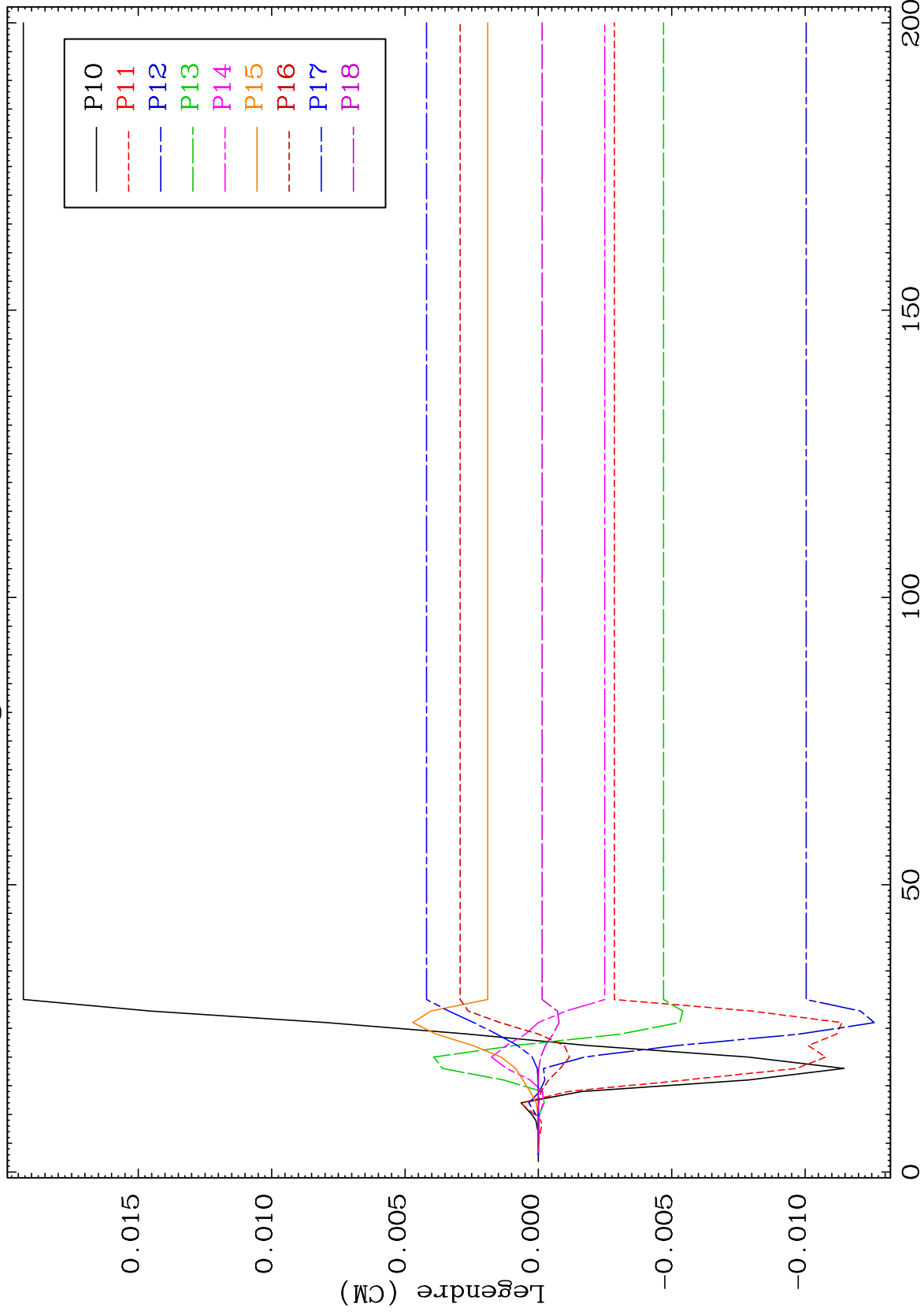
Incident Energy (MeV)

105

MAT 6670

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

66-Dy-171



106

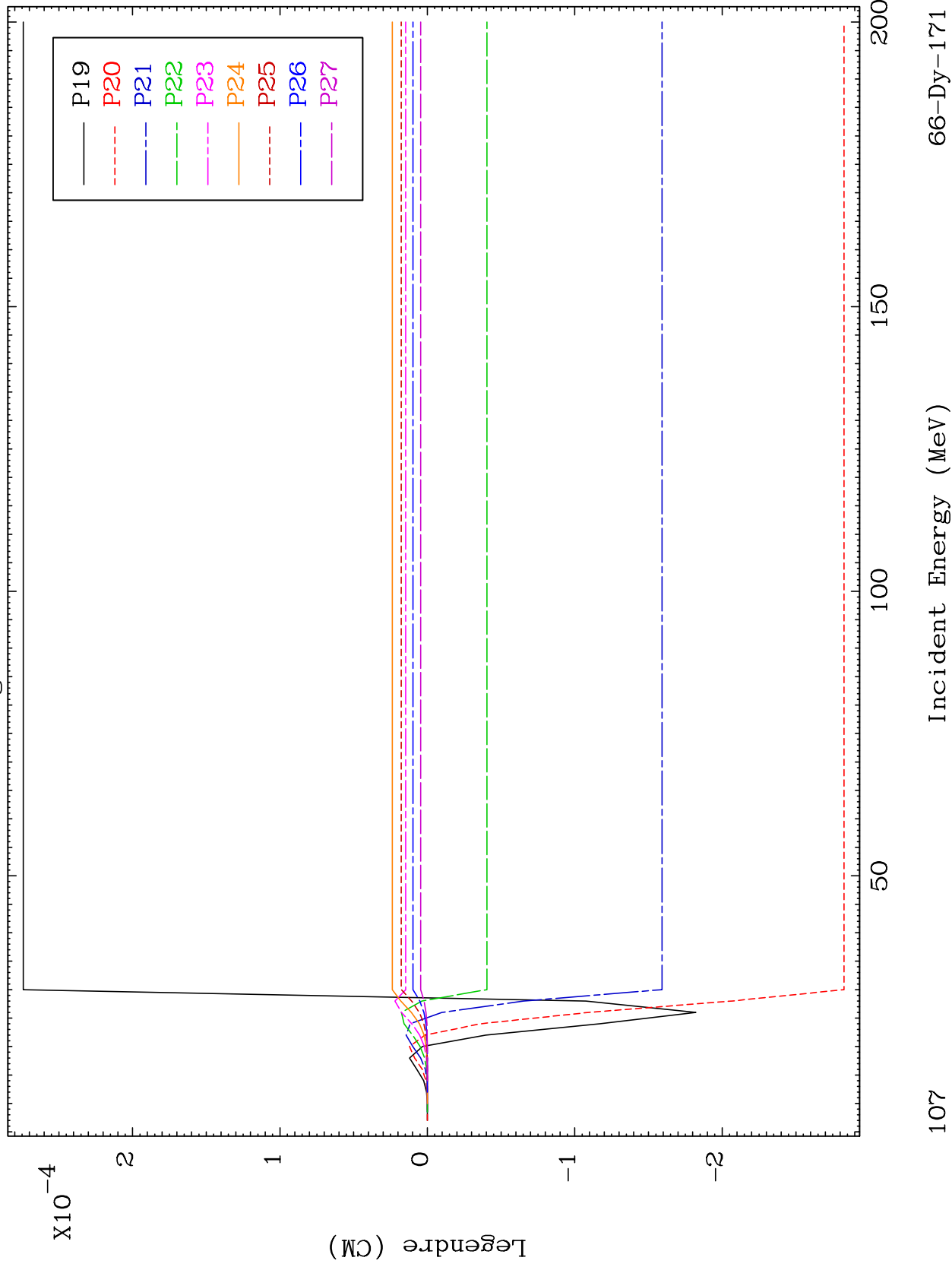
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171

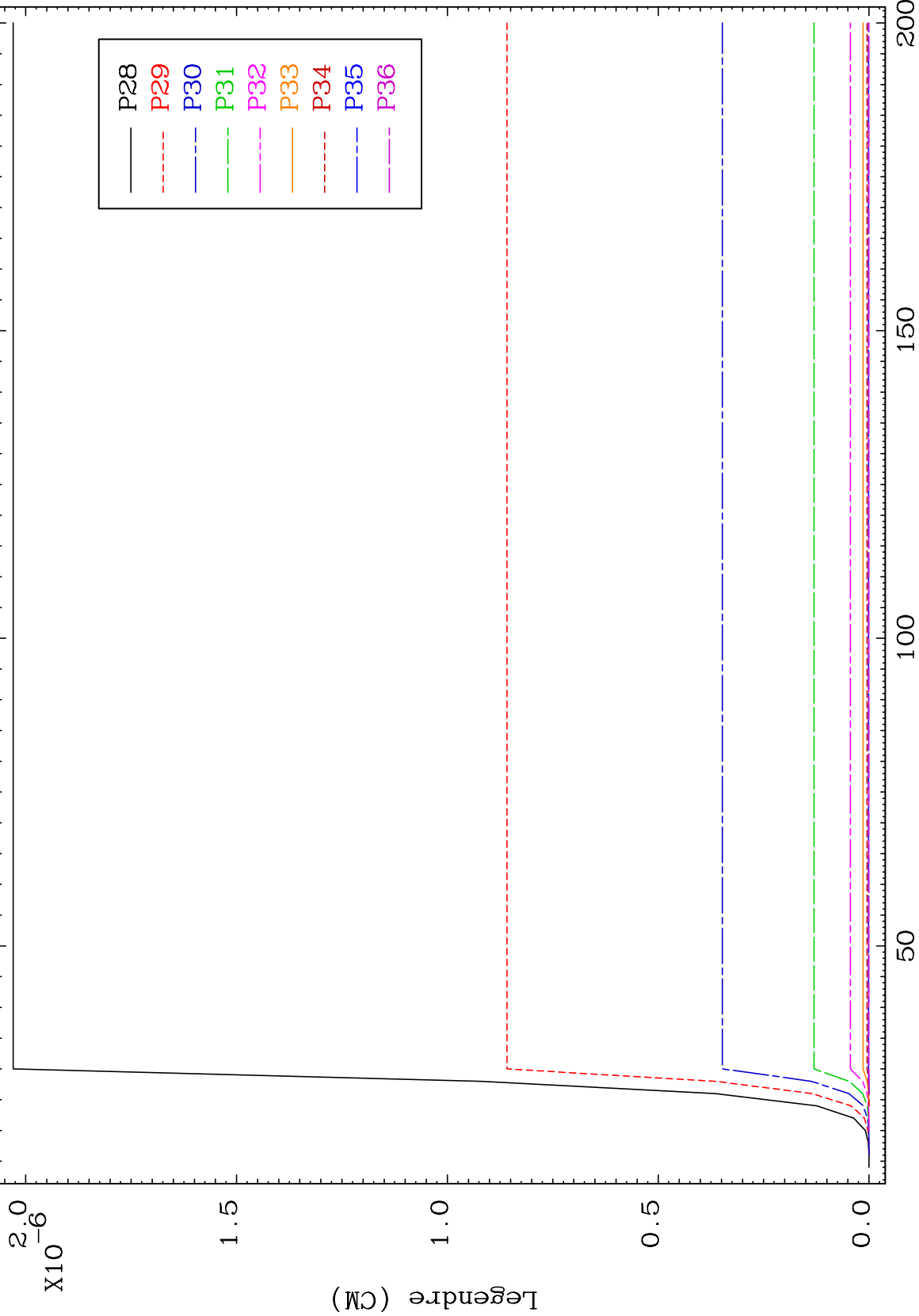


107

MAT 6670

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

66-Dy-171



108

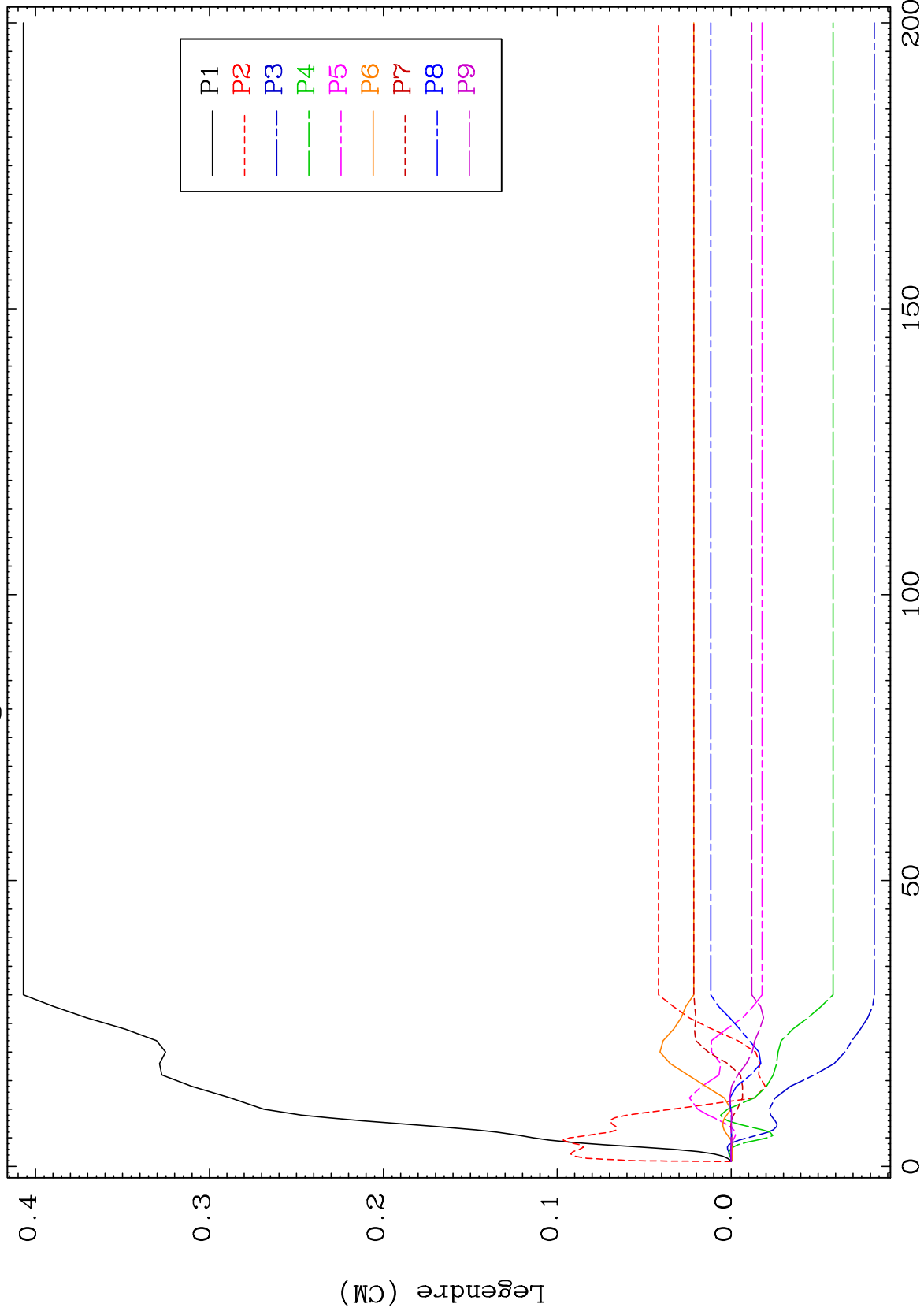
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

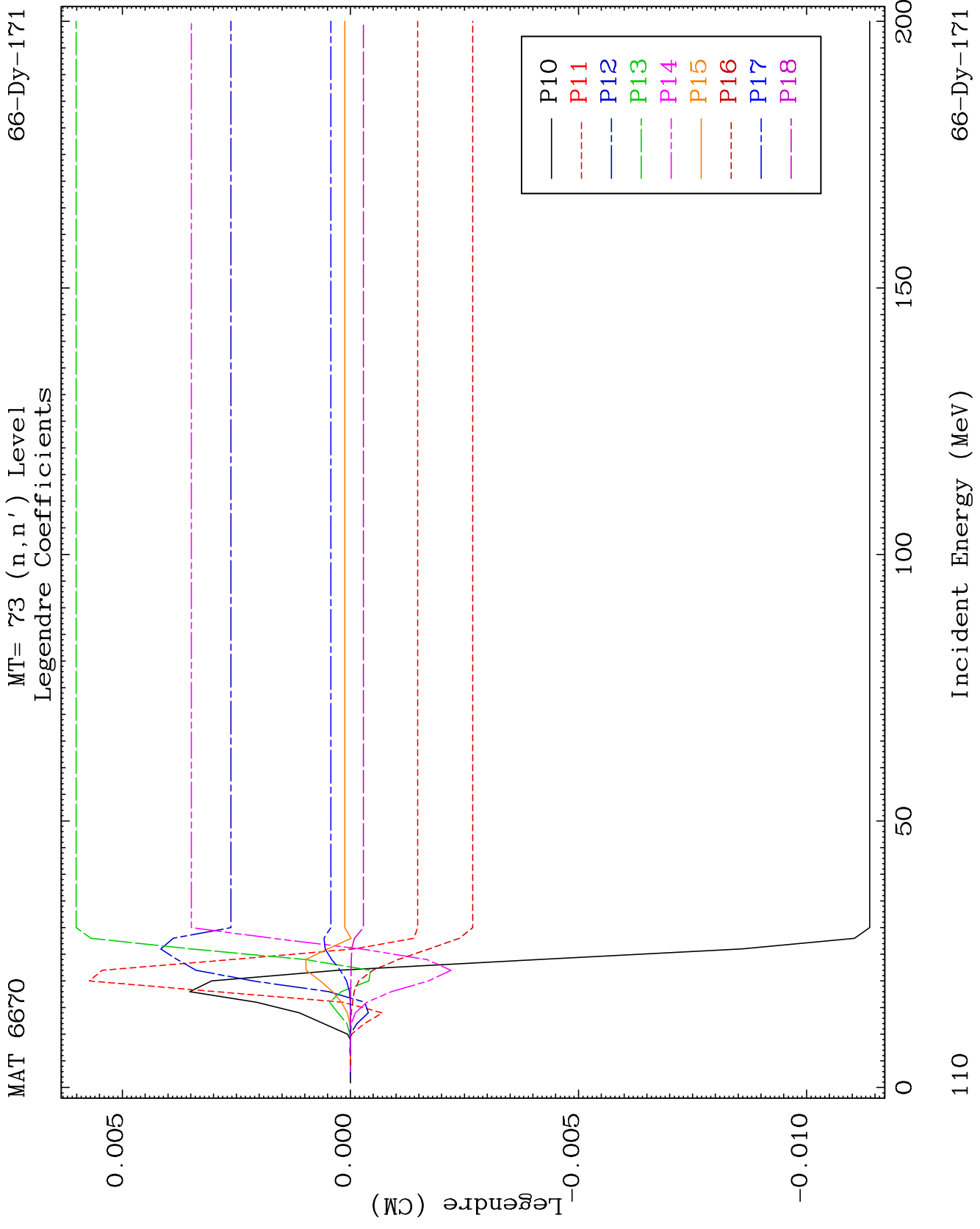
66-Dy-171



109

Incident Energy (MeV)

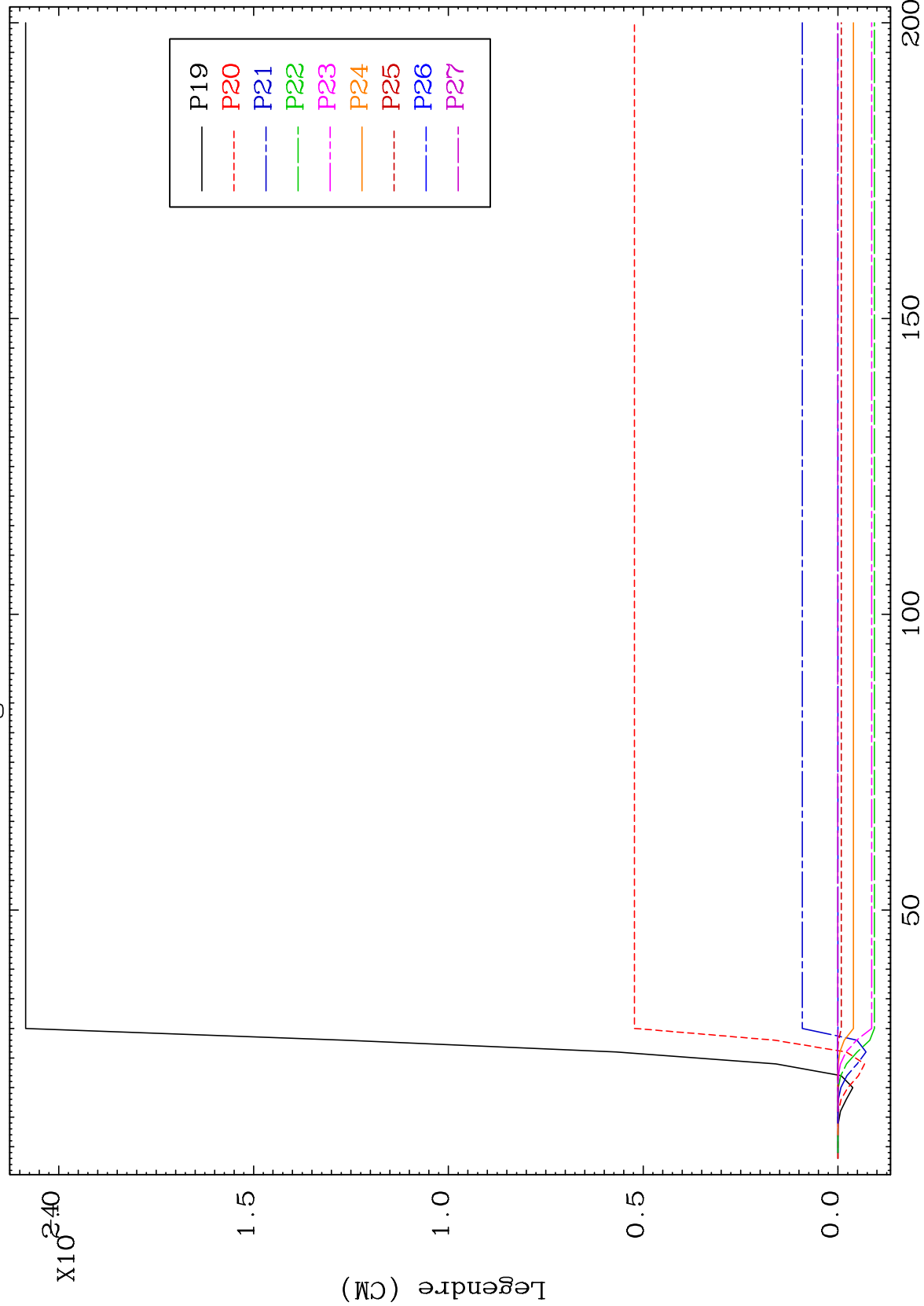
66-Dy-171



MAT 6670

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

66-Dy-171



111

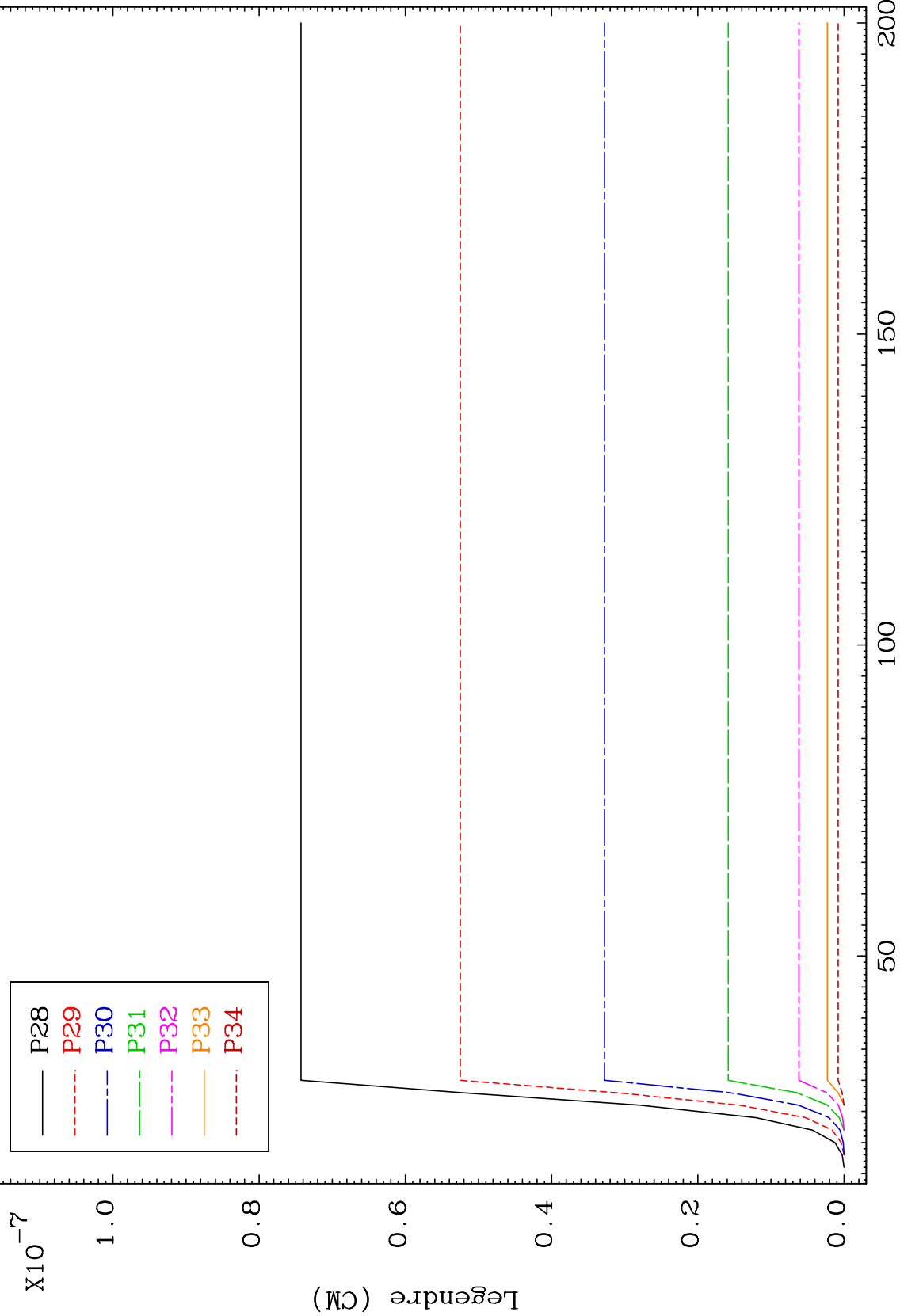
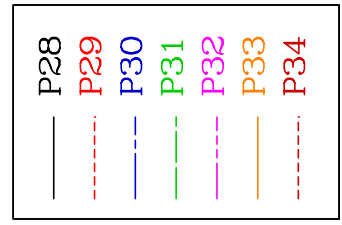
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



112

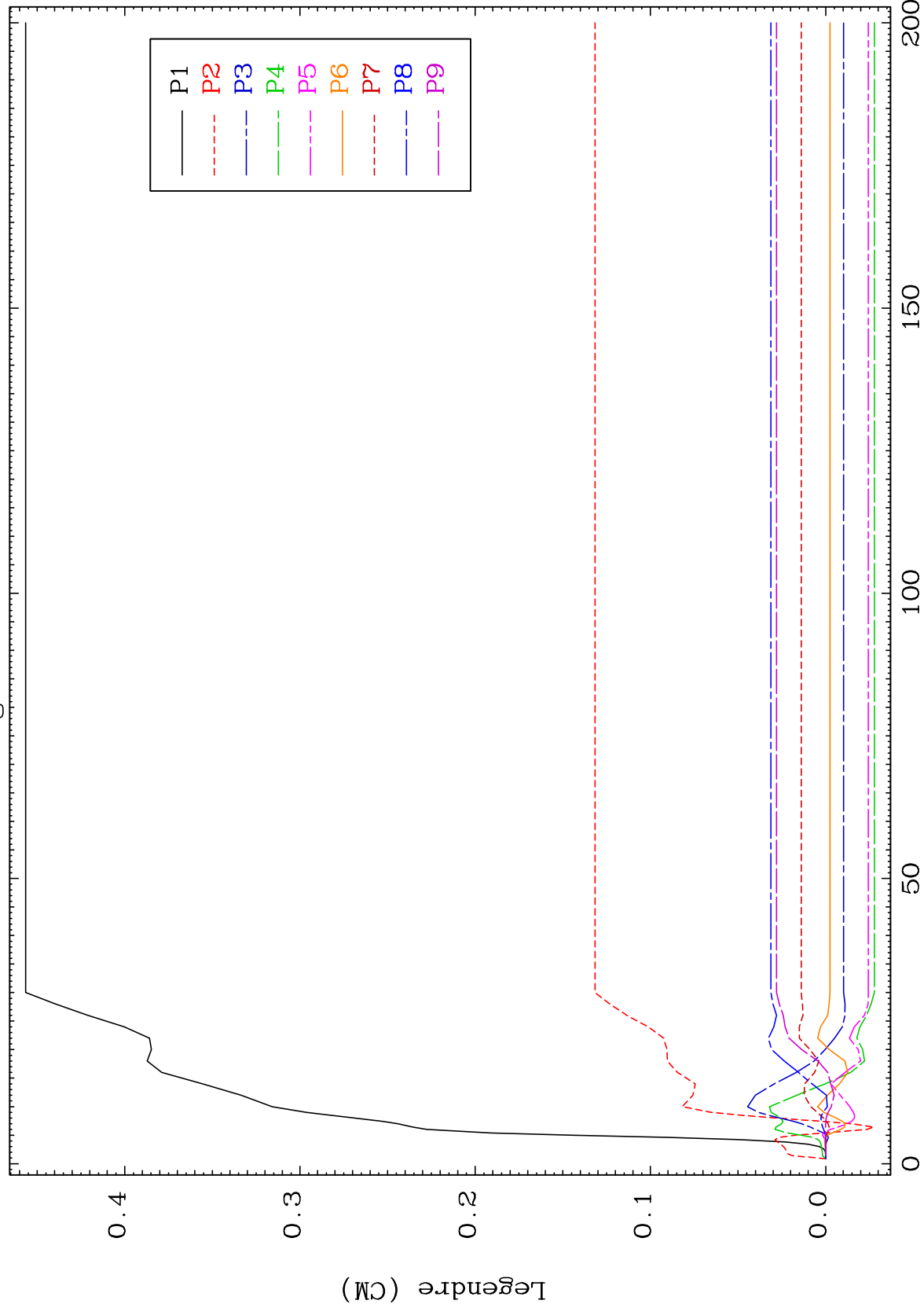
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



113

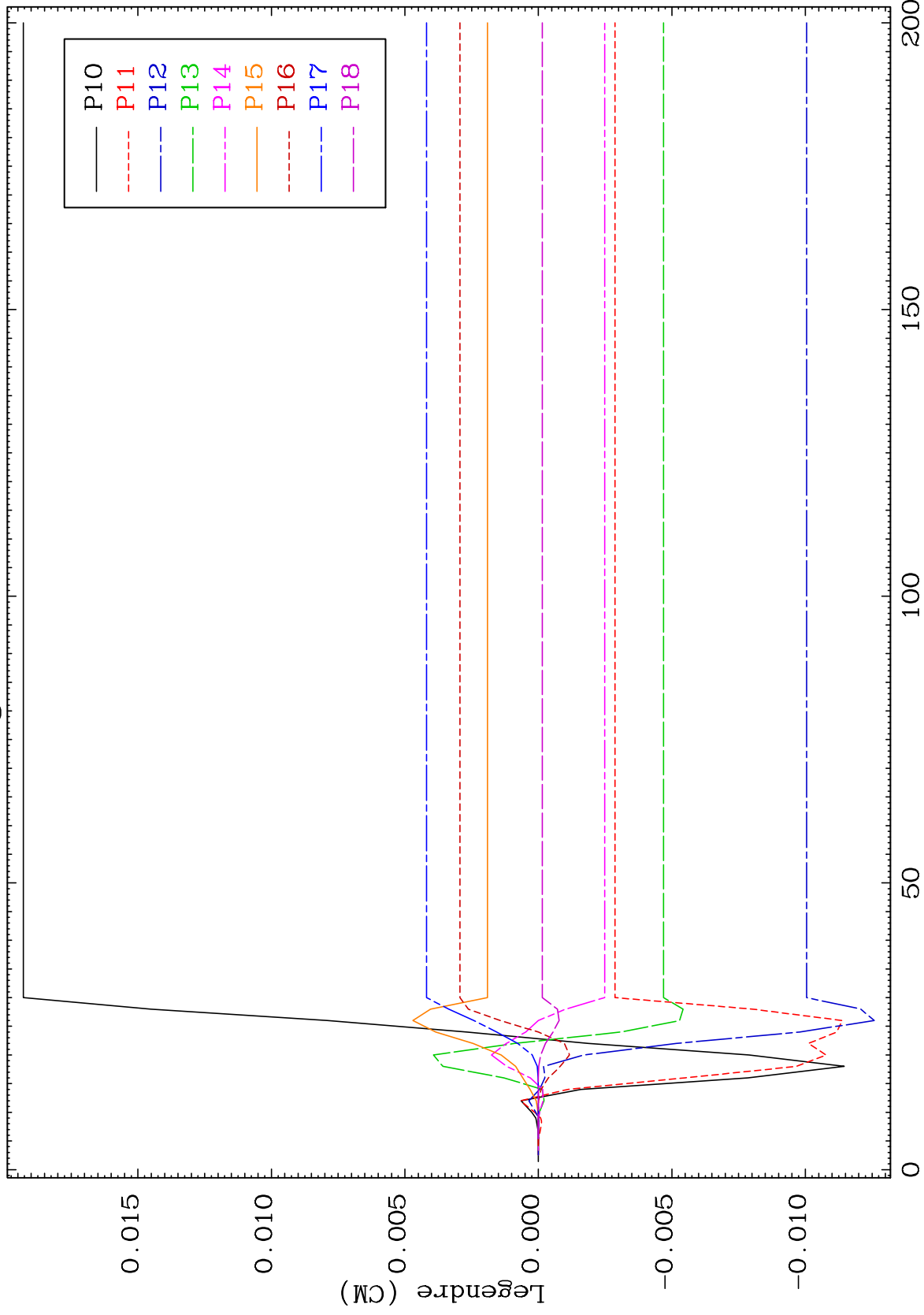
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



114

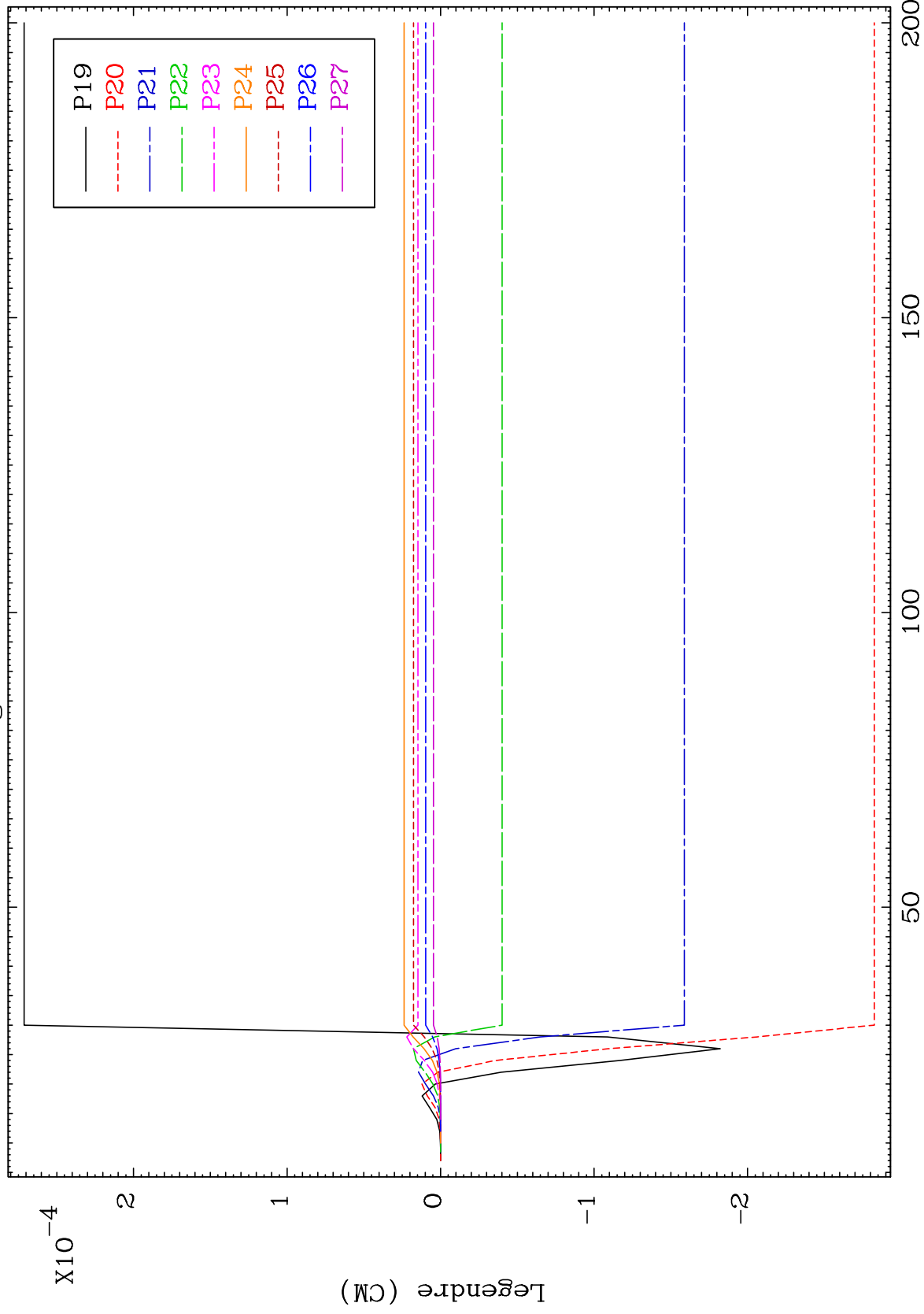
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



115

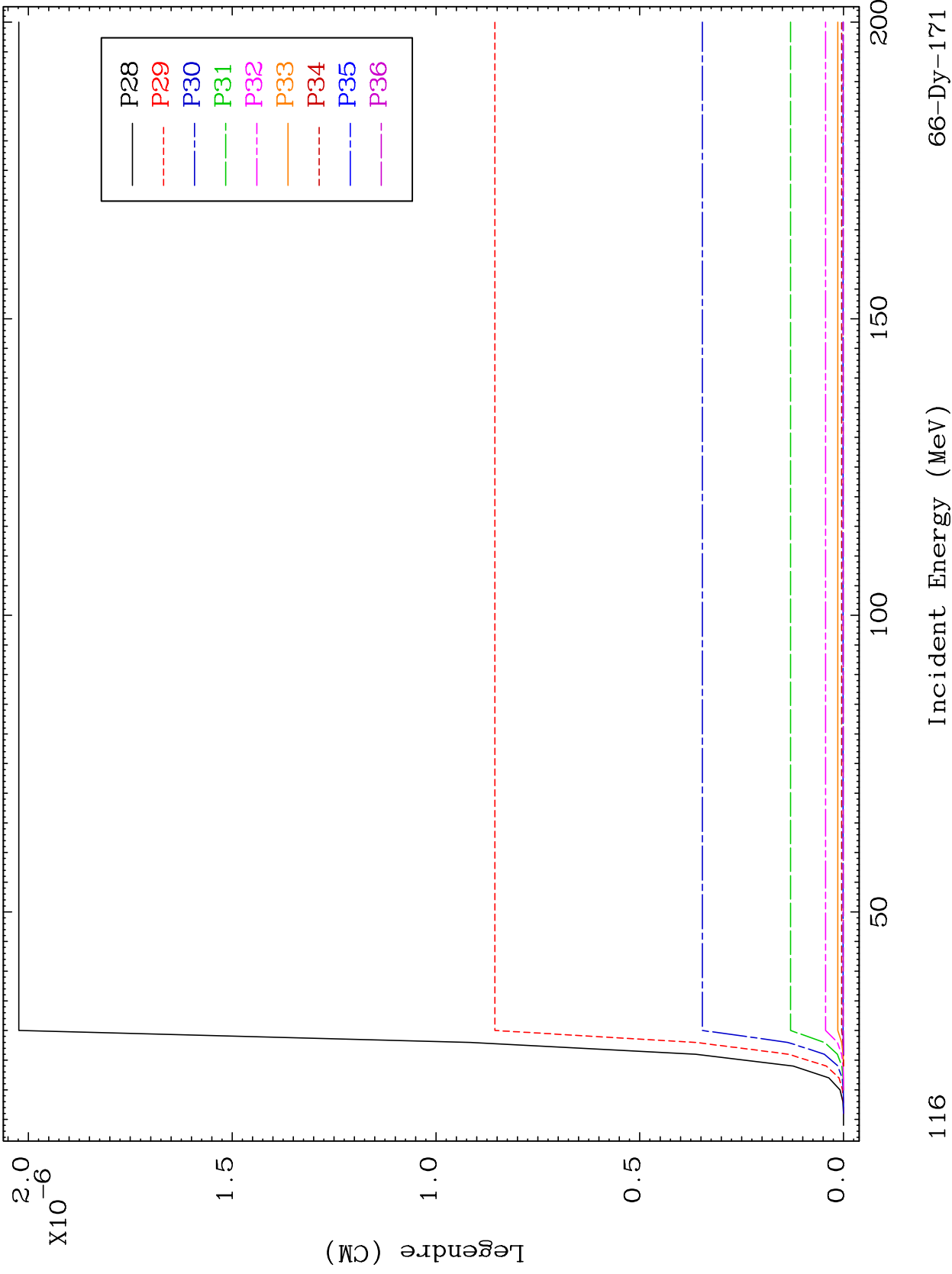
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



116

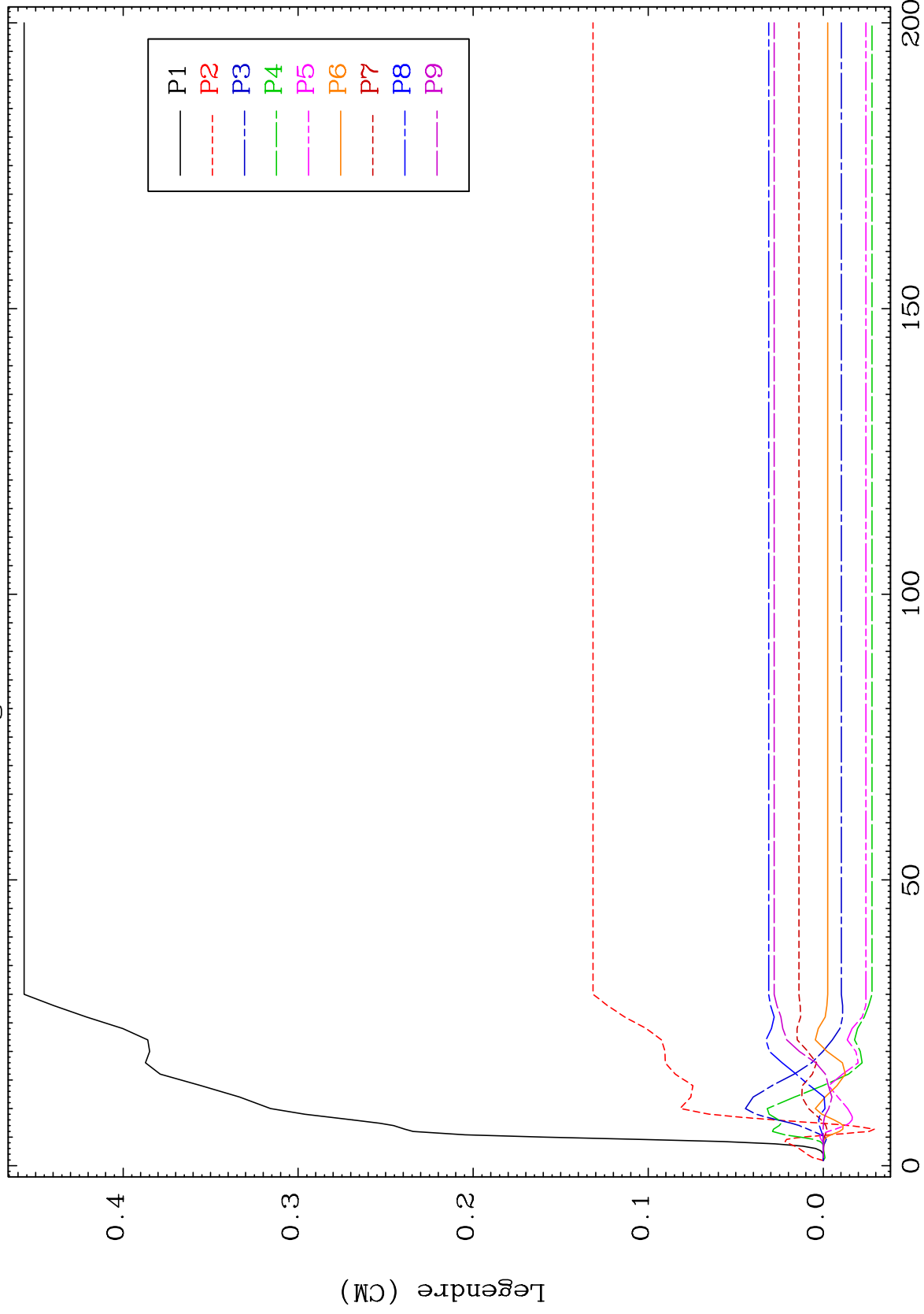
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



117

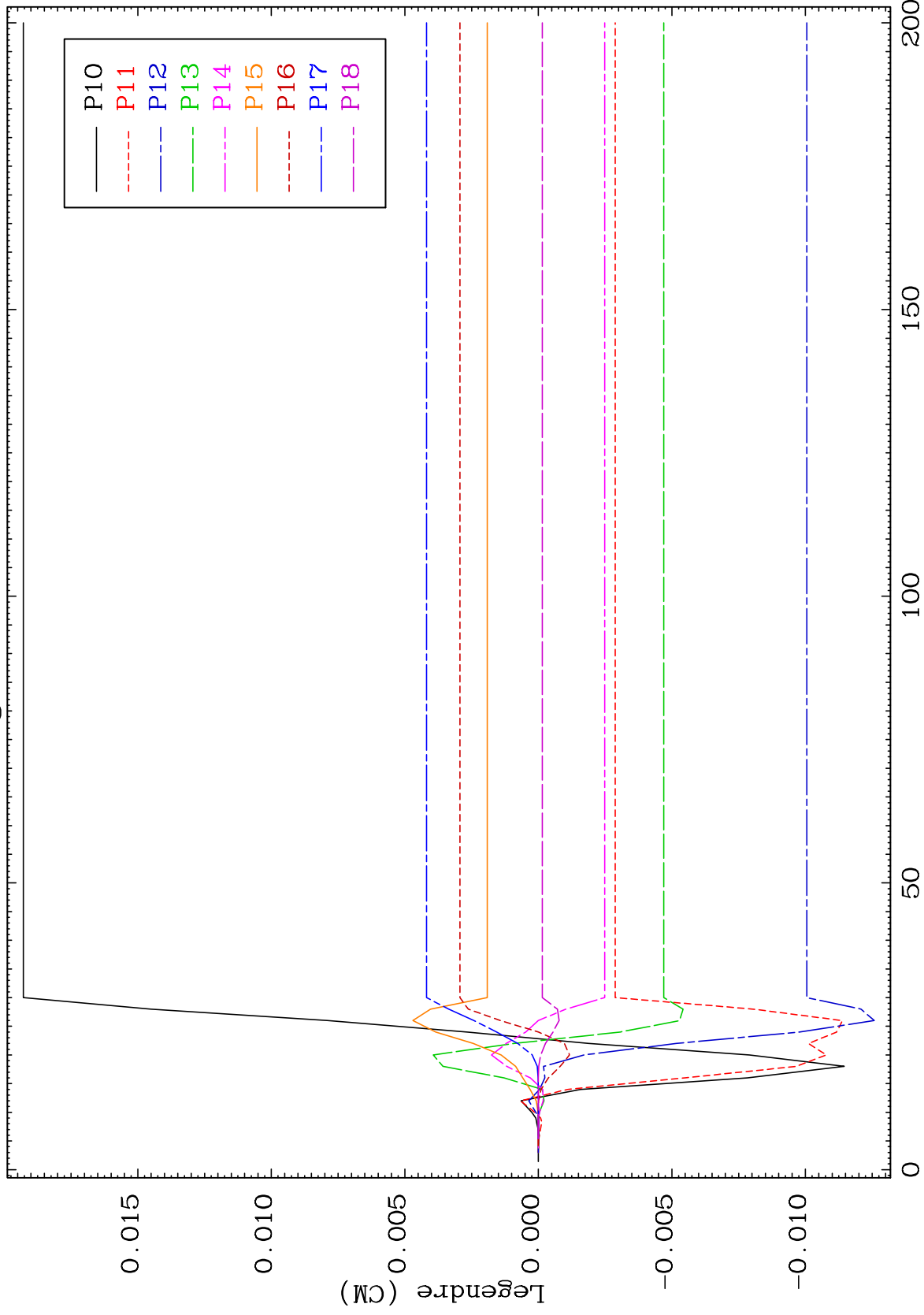
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



118

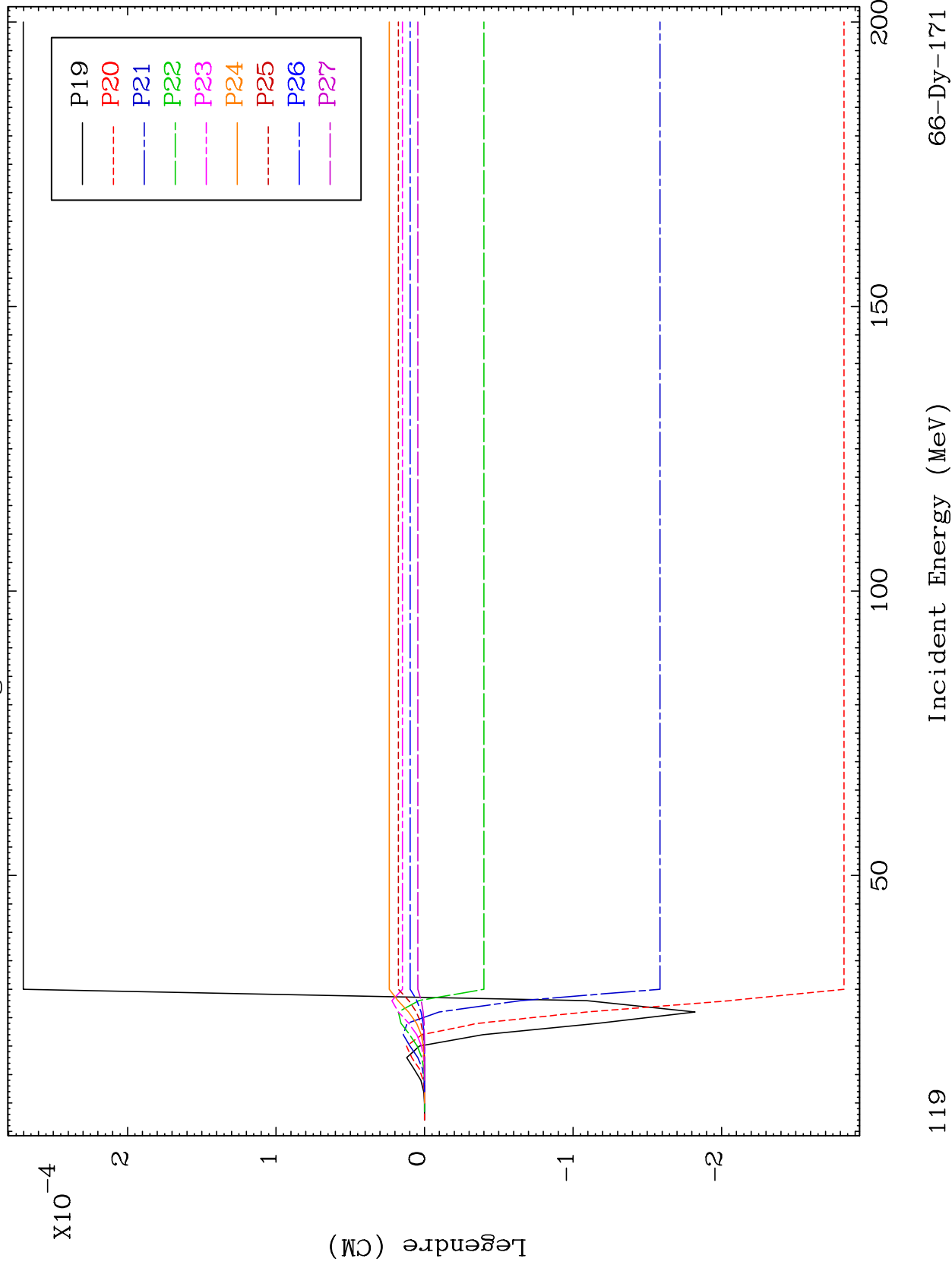
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

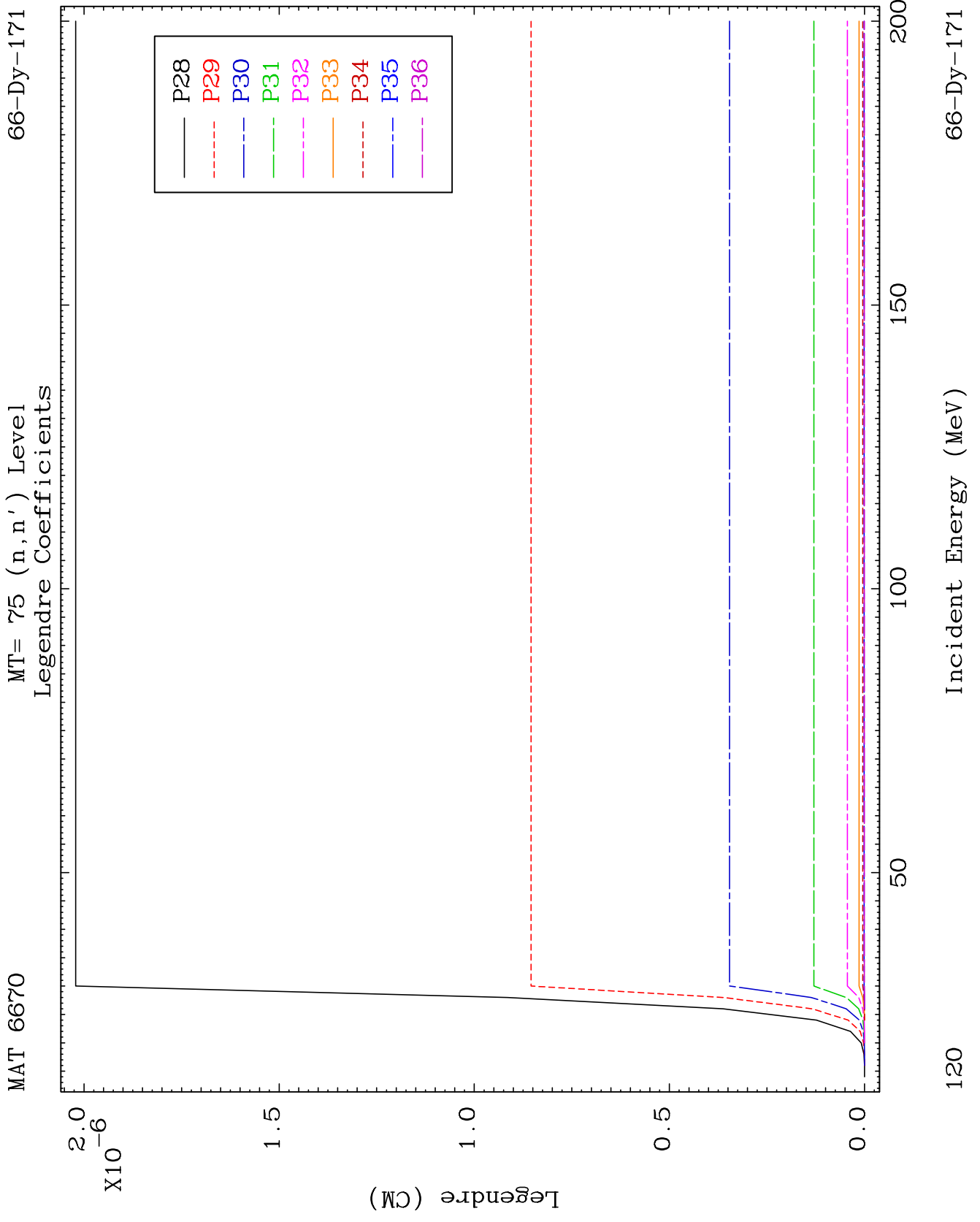
66-Dy-171

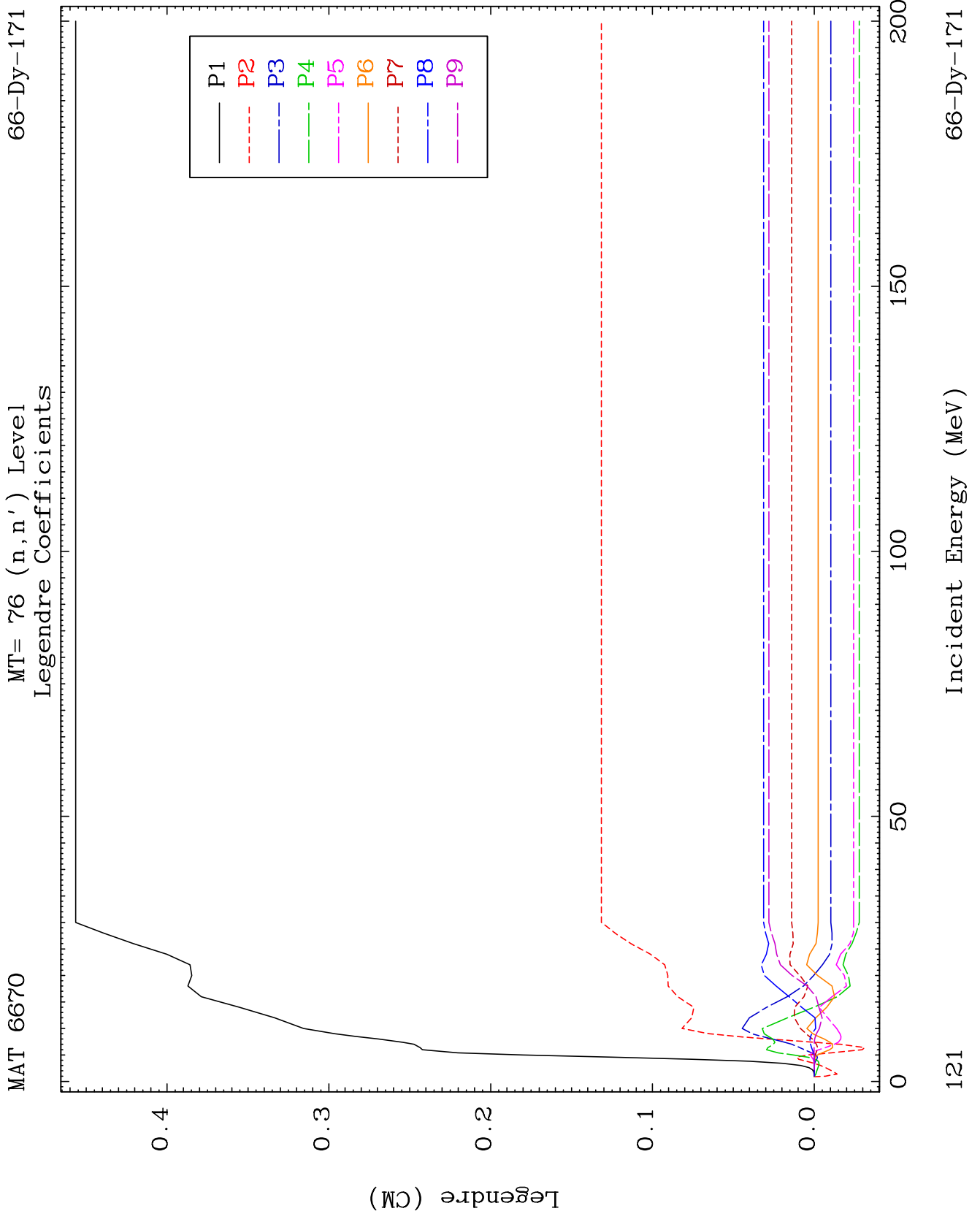


119

Incident Energy (MeV)

66-Dy-171

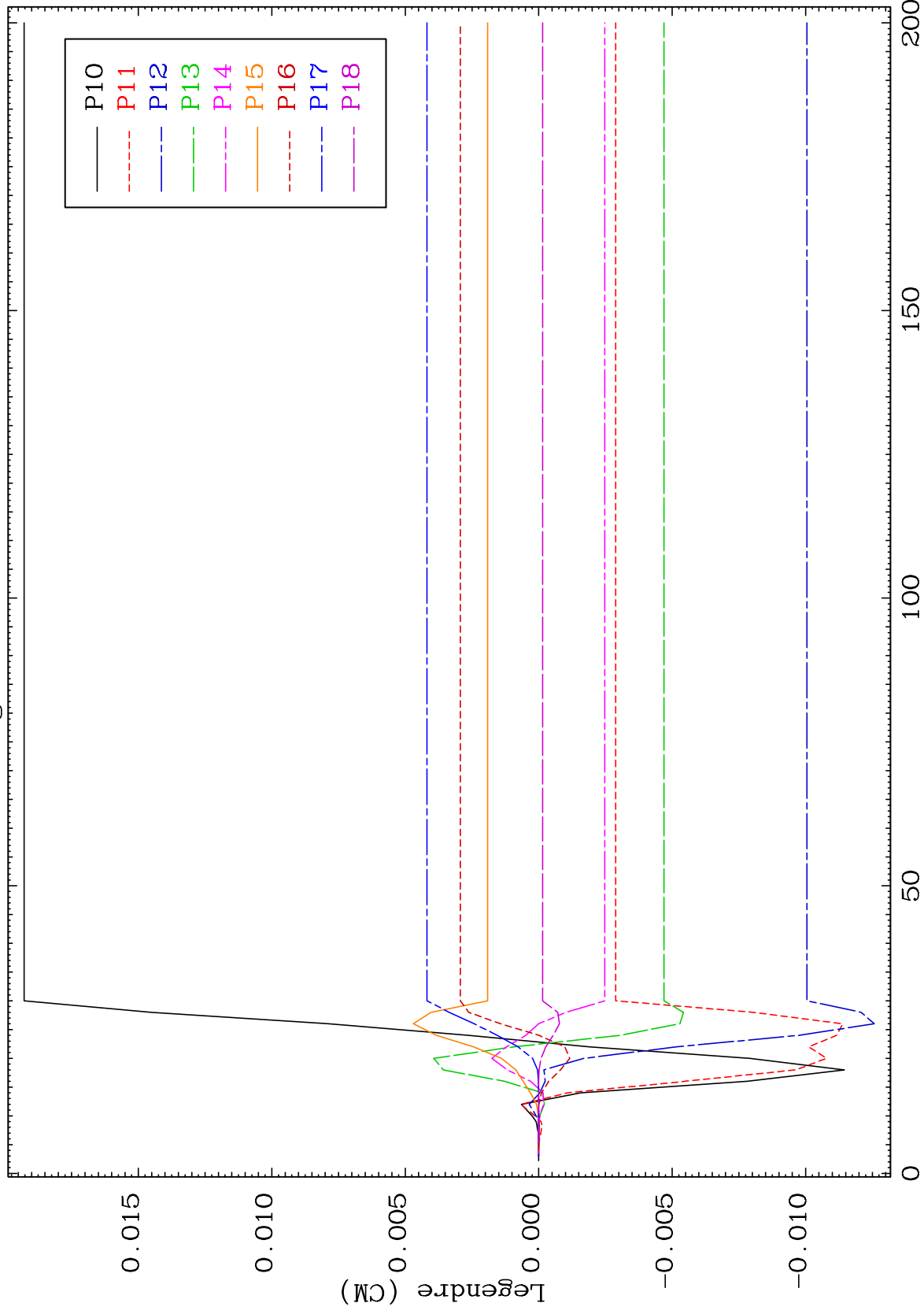




MAT 6670

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

66-Dy-171



122

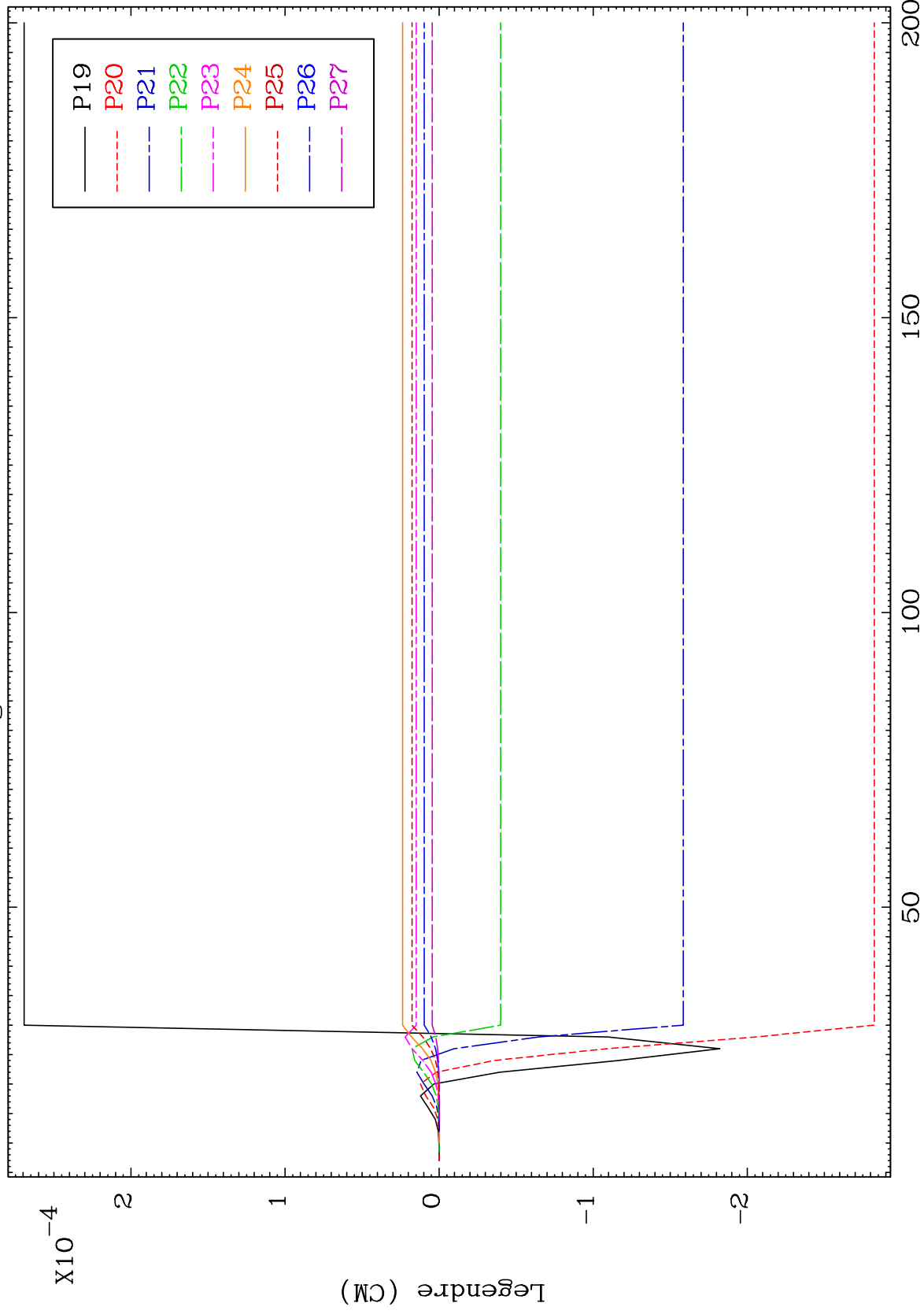
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



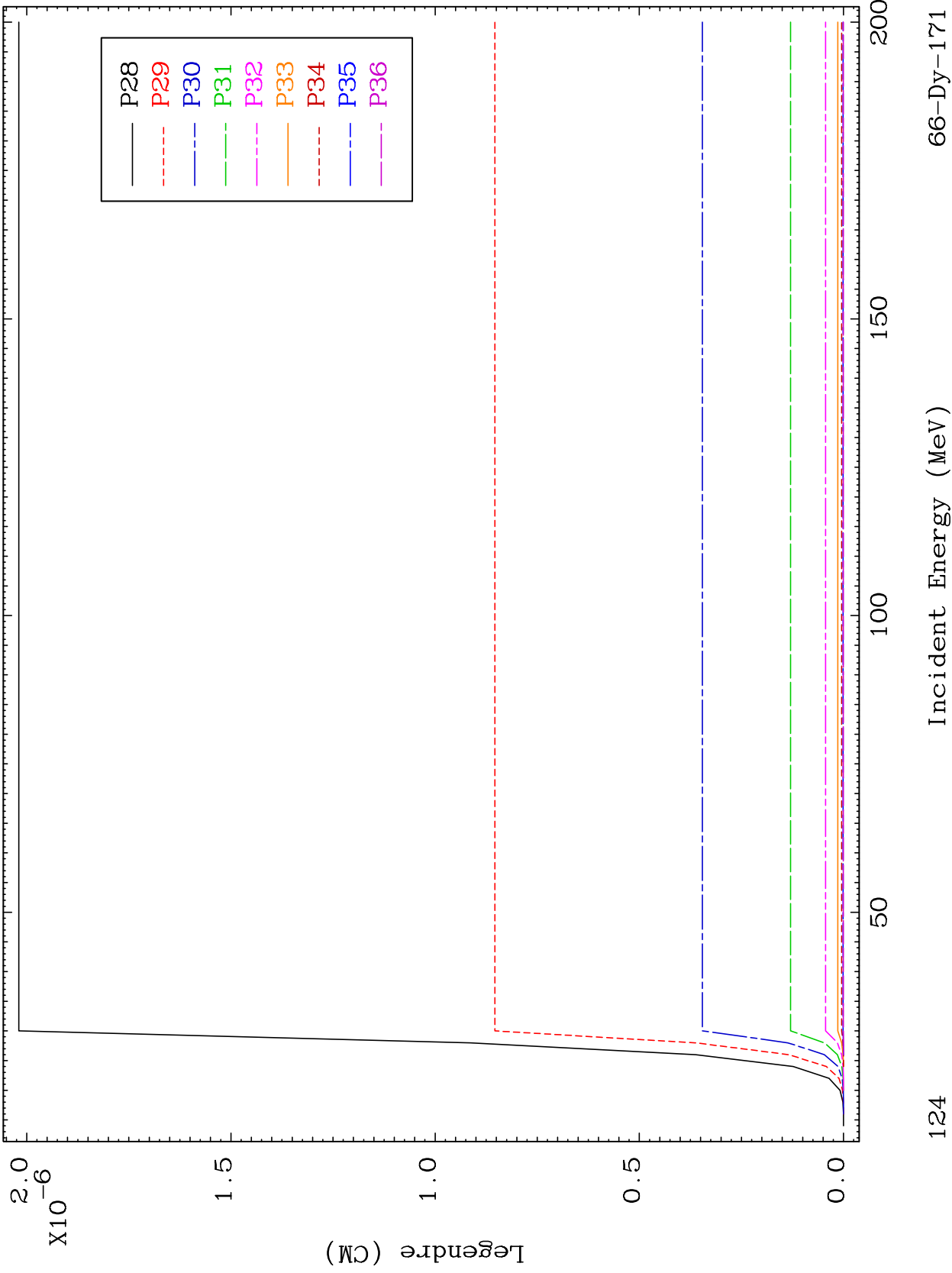
123

66-Dy-171

MAT 6670

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

66-Dy-171



124

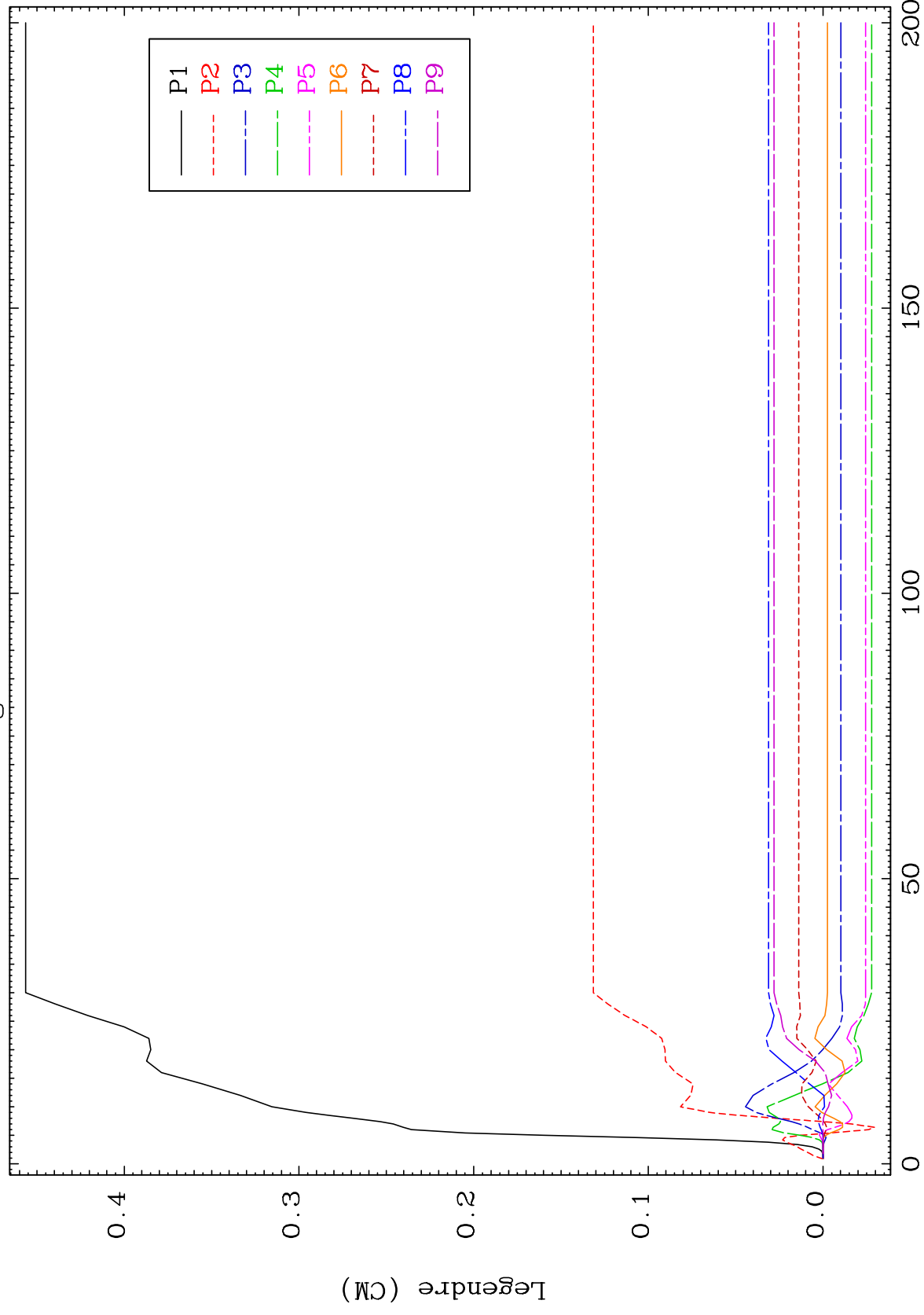
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



66-Dy-171

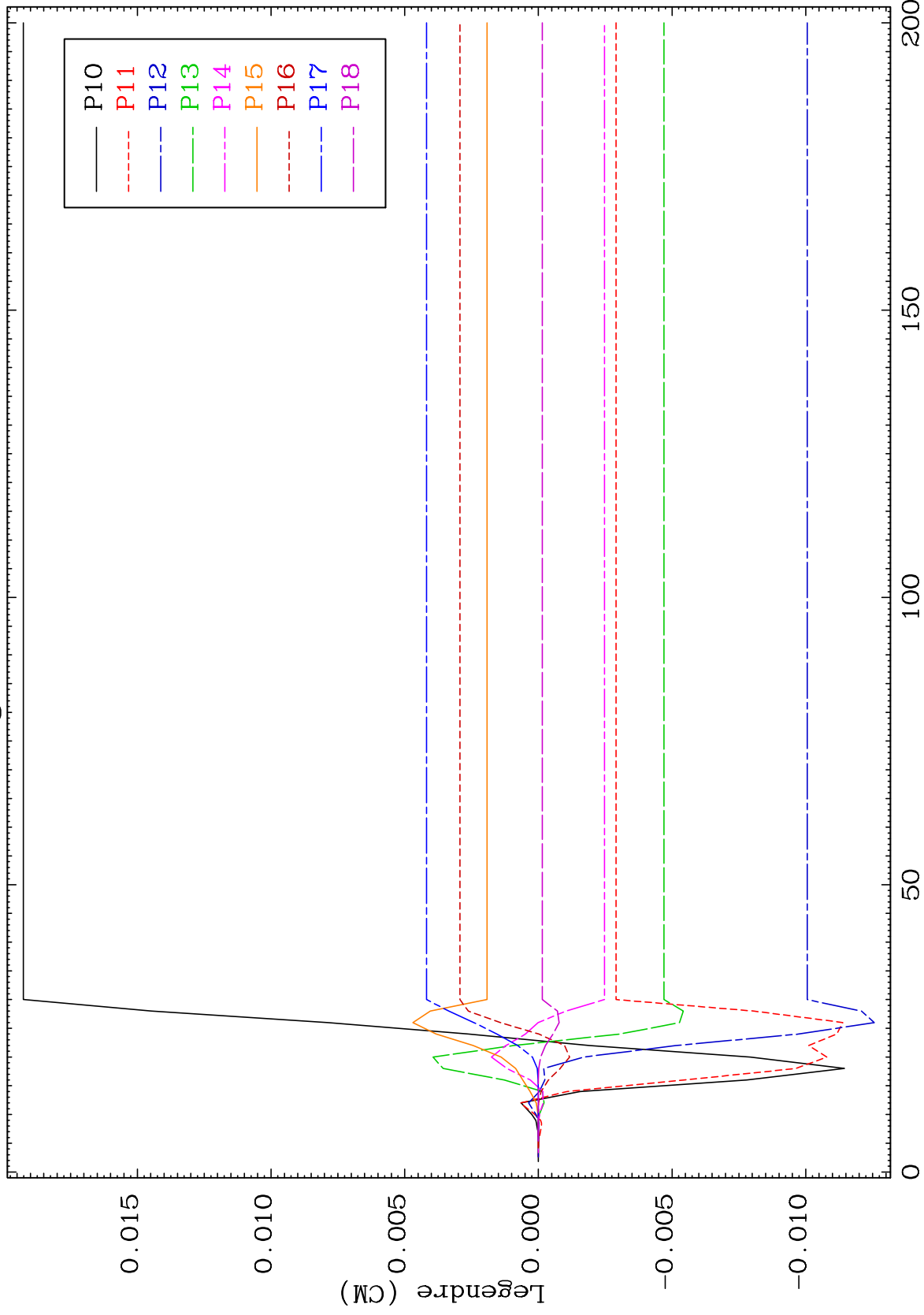
Incident Energy (MeV)

125

MAT 6670

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

66-Dy-171



126

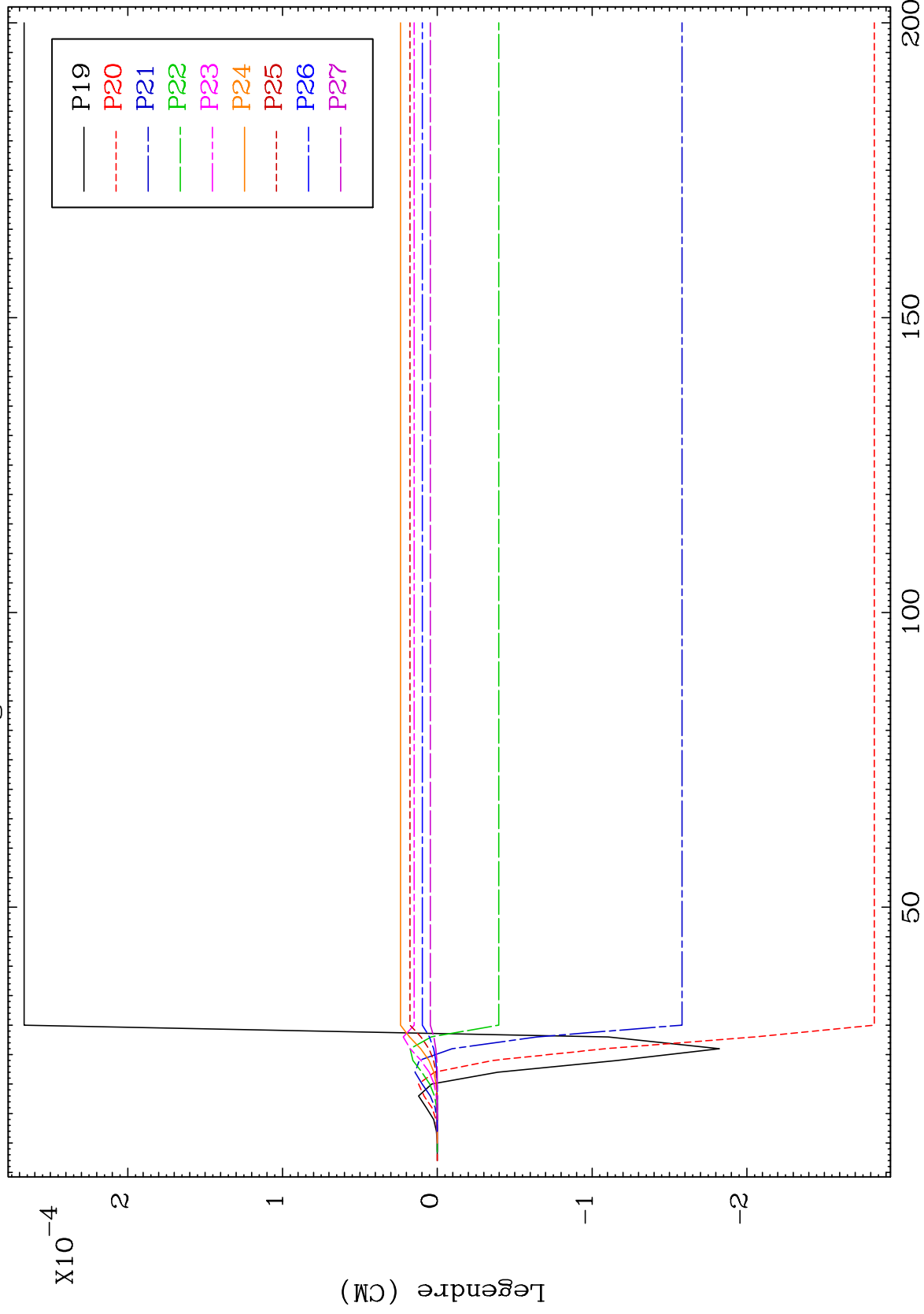
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



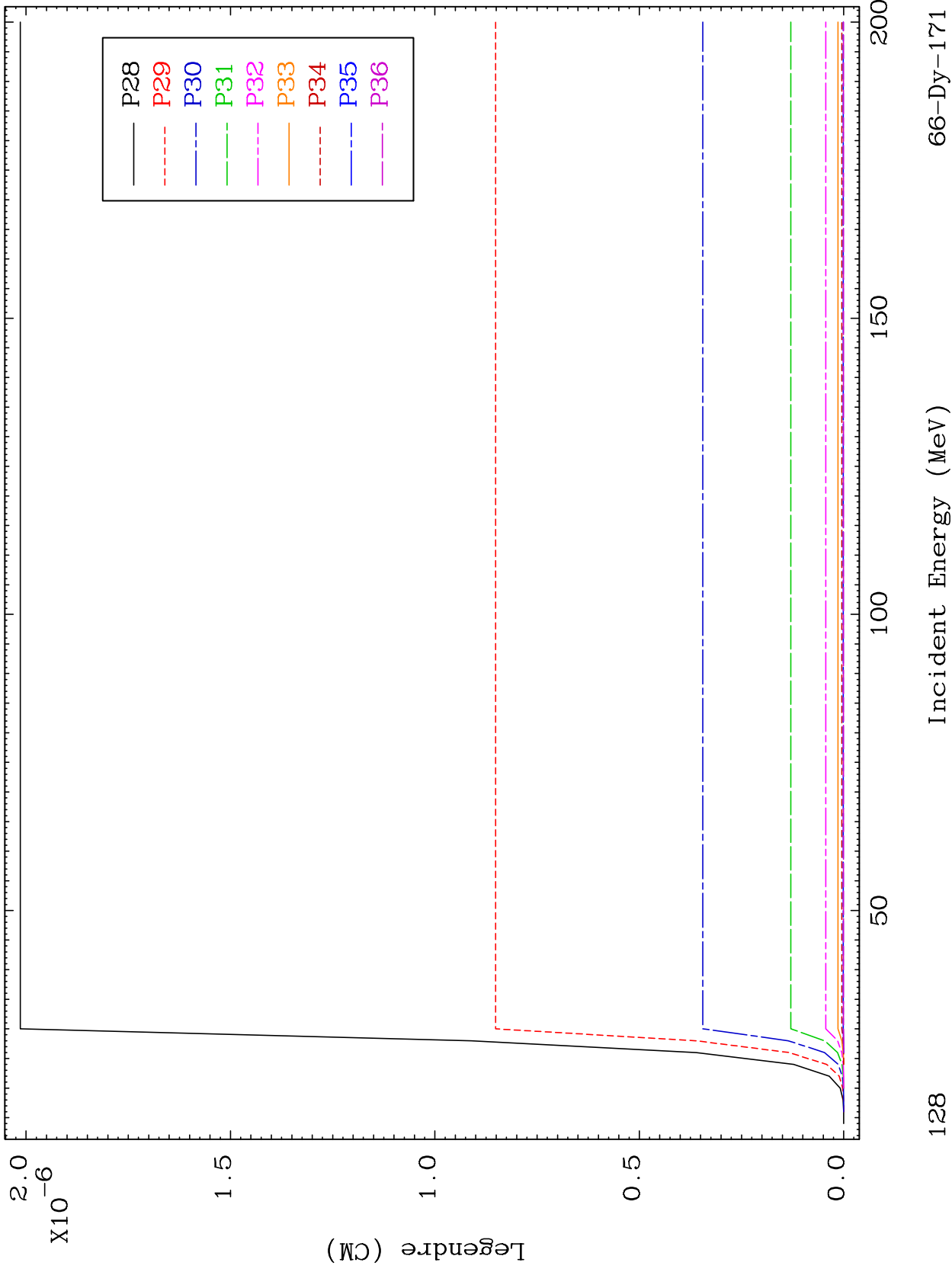
127

66-Dy-171

MAT 6670

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

66-Dy-171



128

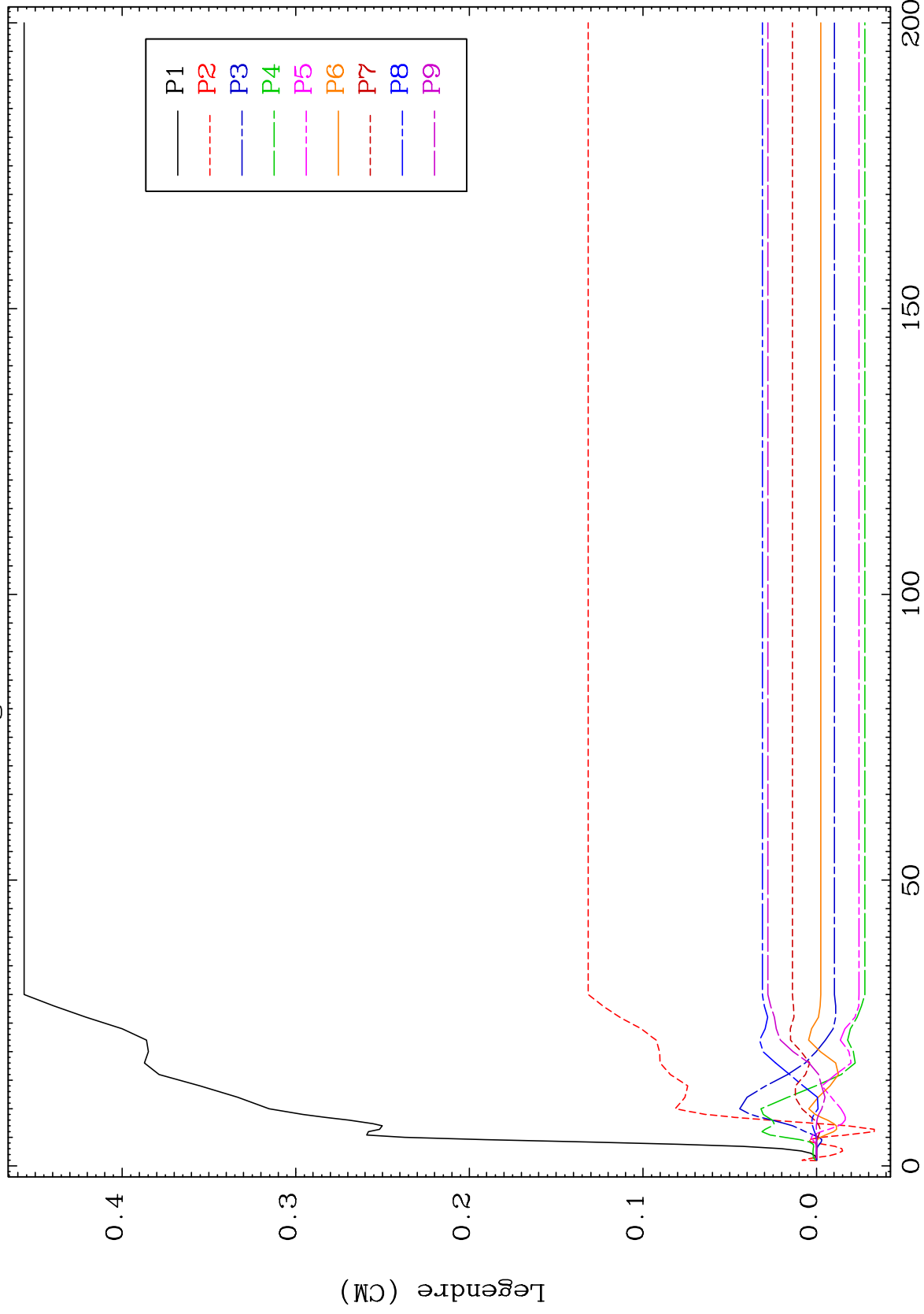
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



129

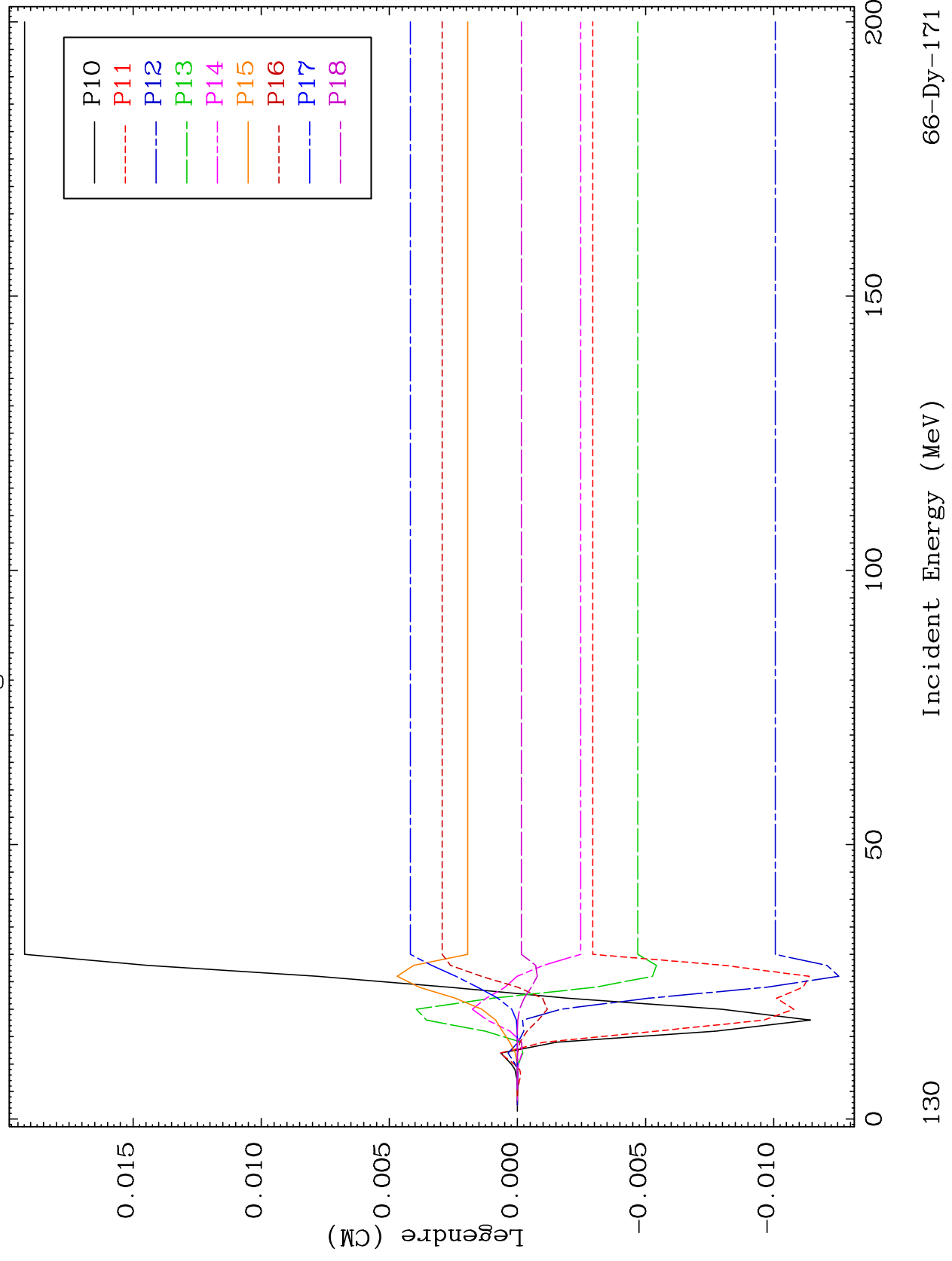
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



66-Dy-171

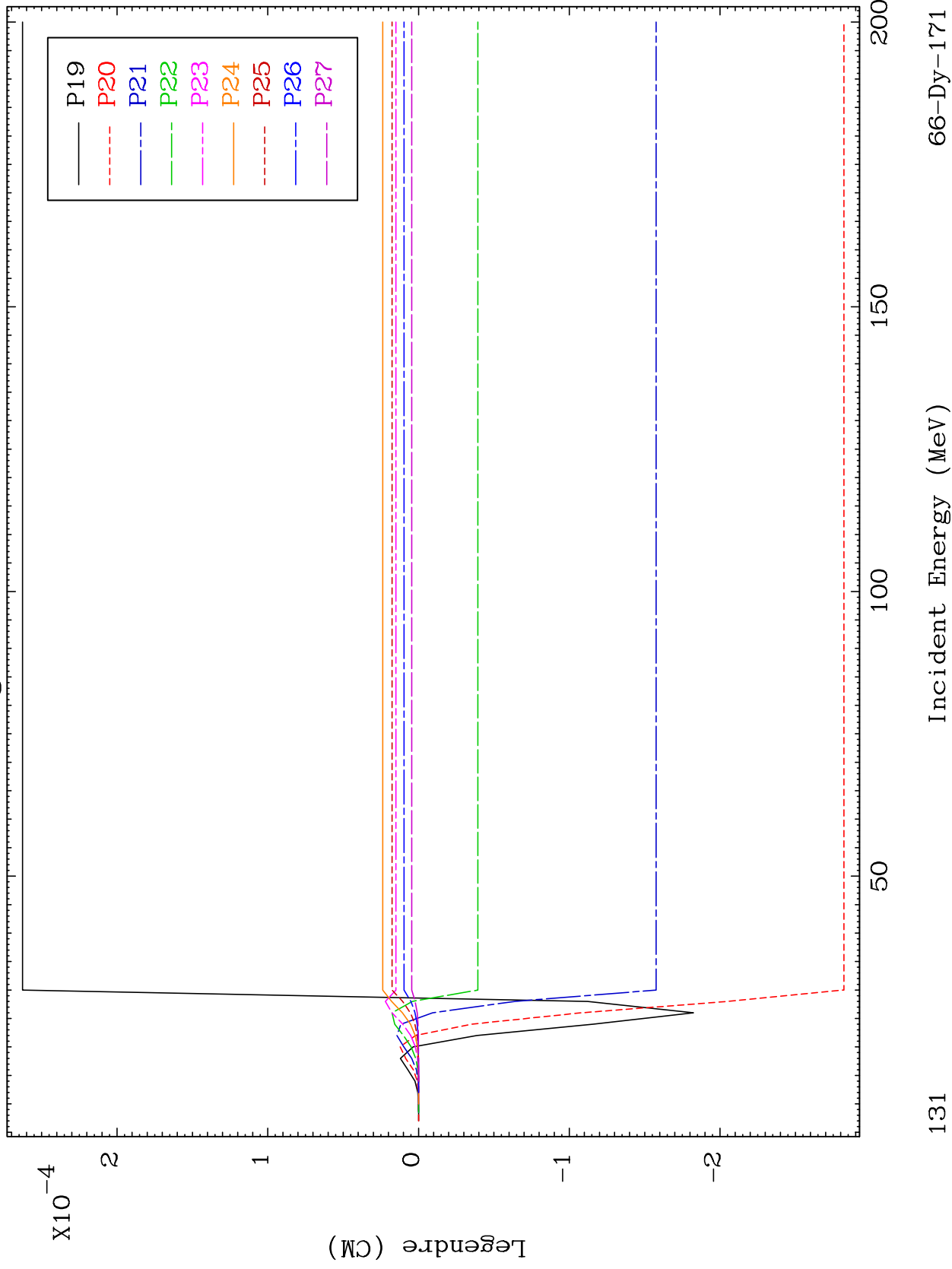
Incident Energy (MeV)

130

MAT 6670

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

66-Dy-171

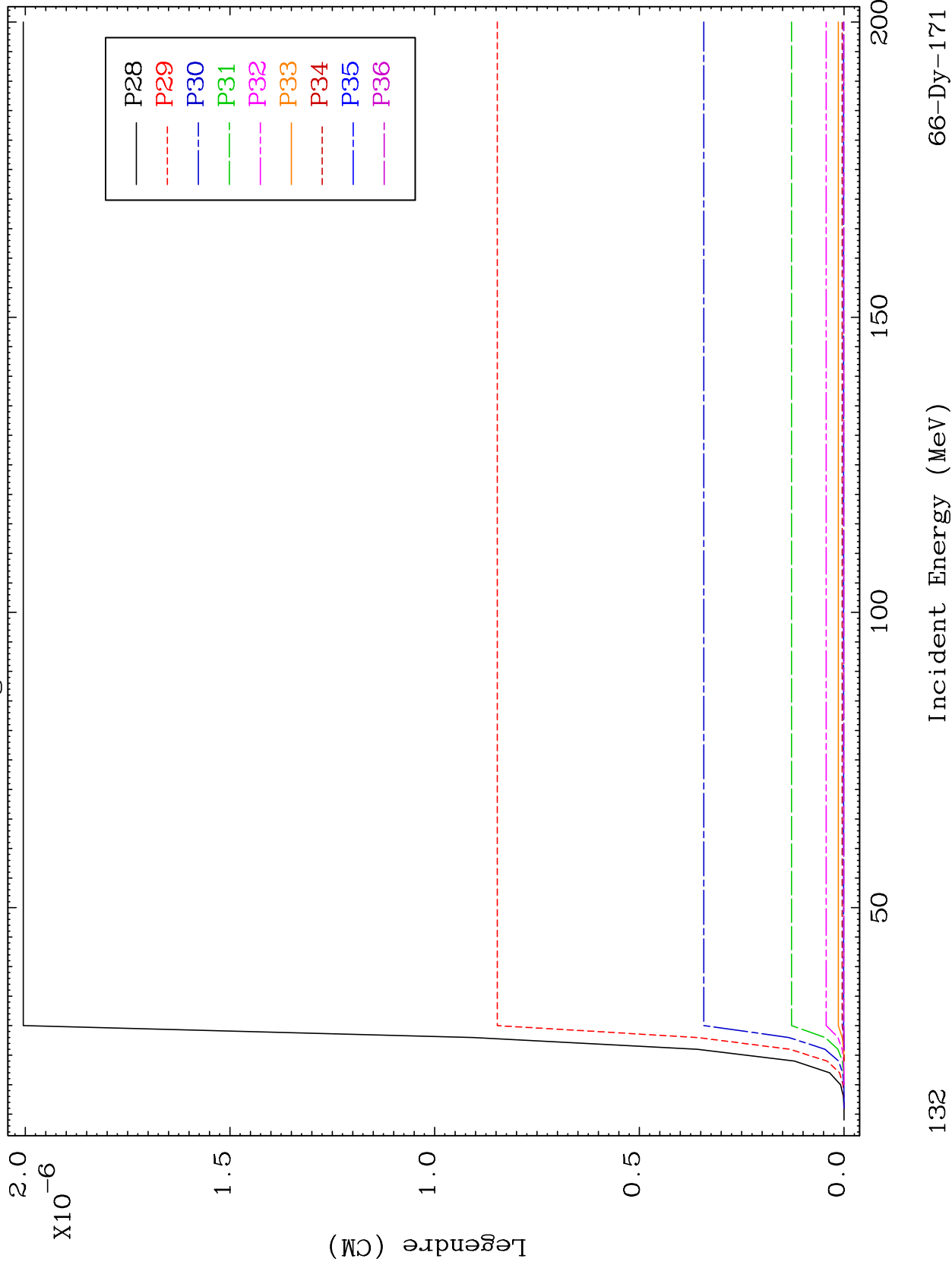


131

MAT 6670

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

66-Dy-171



132

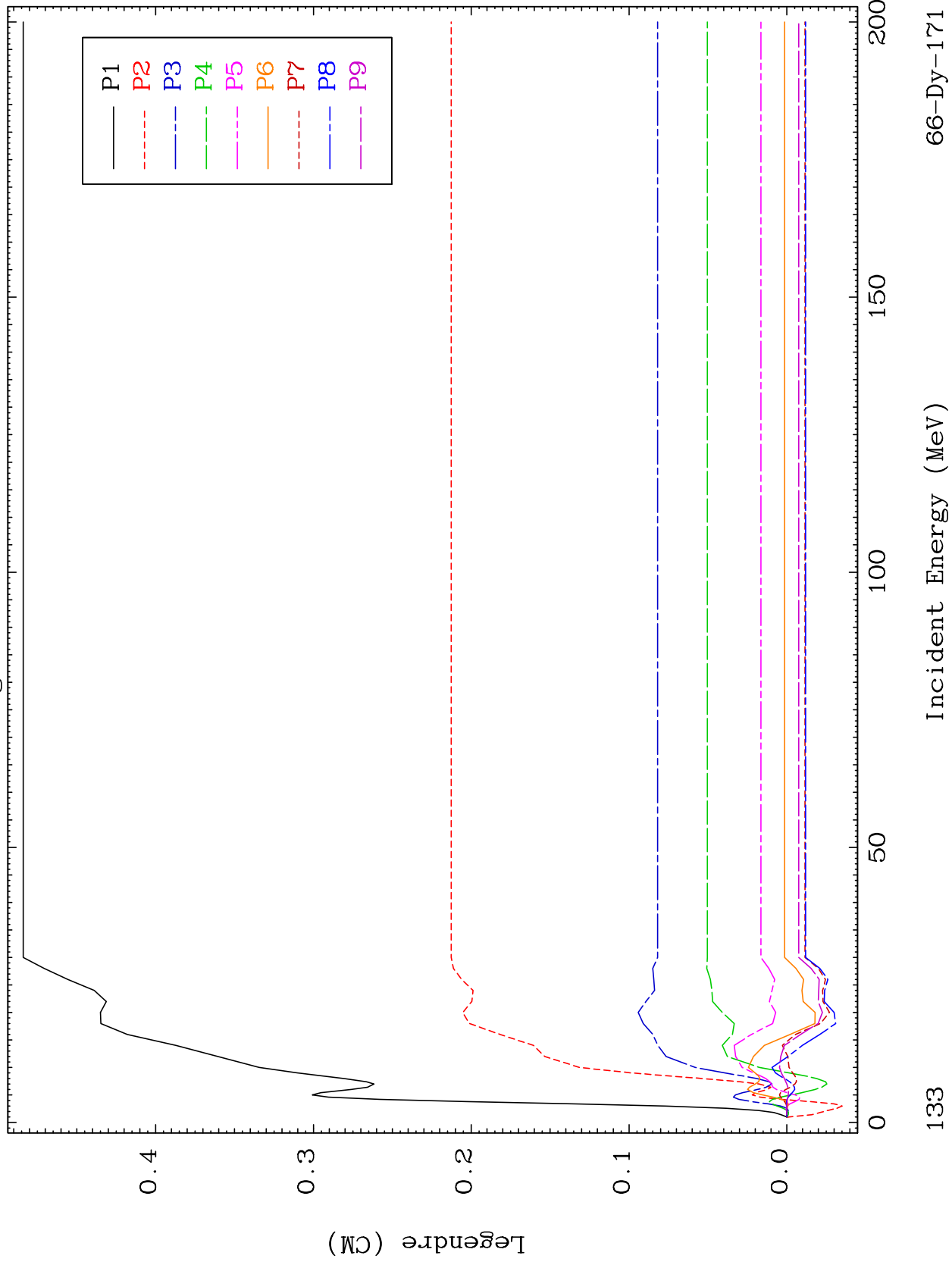
Incident Energy (MeV)

66-Dy-171

MAT 6670

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

66-Dy-171



66-Dy-171

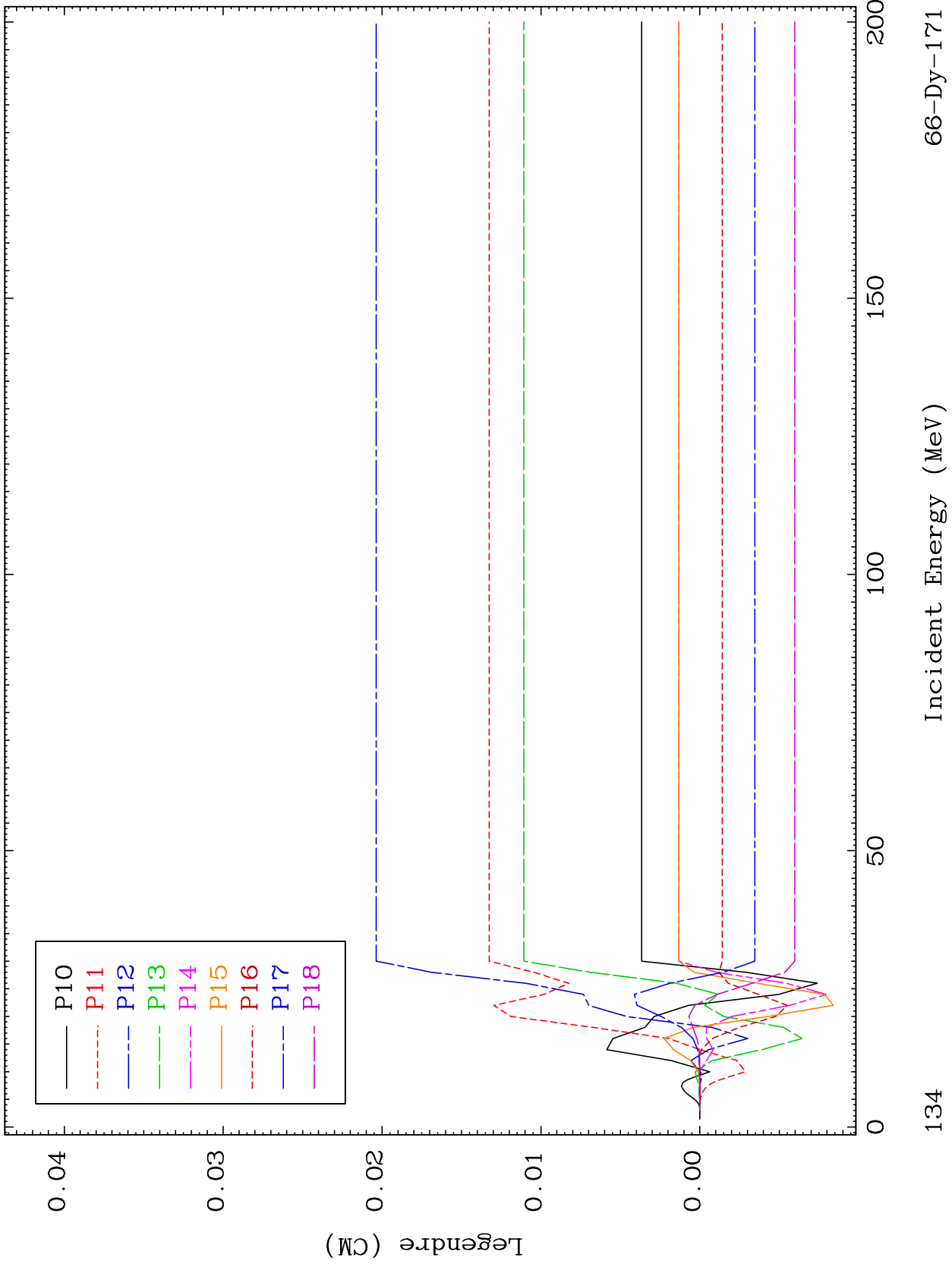
Incident Energy (MeV)

133

MAT 6670

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

66-Dy-171



134

Incident Energy (MeV)

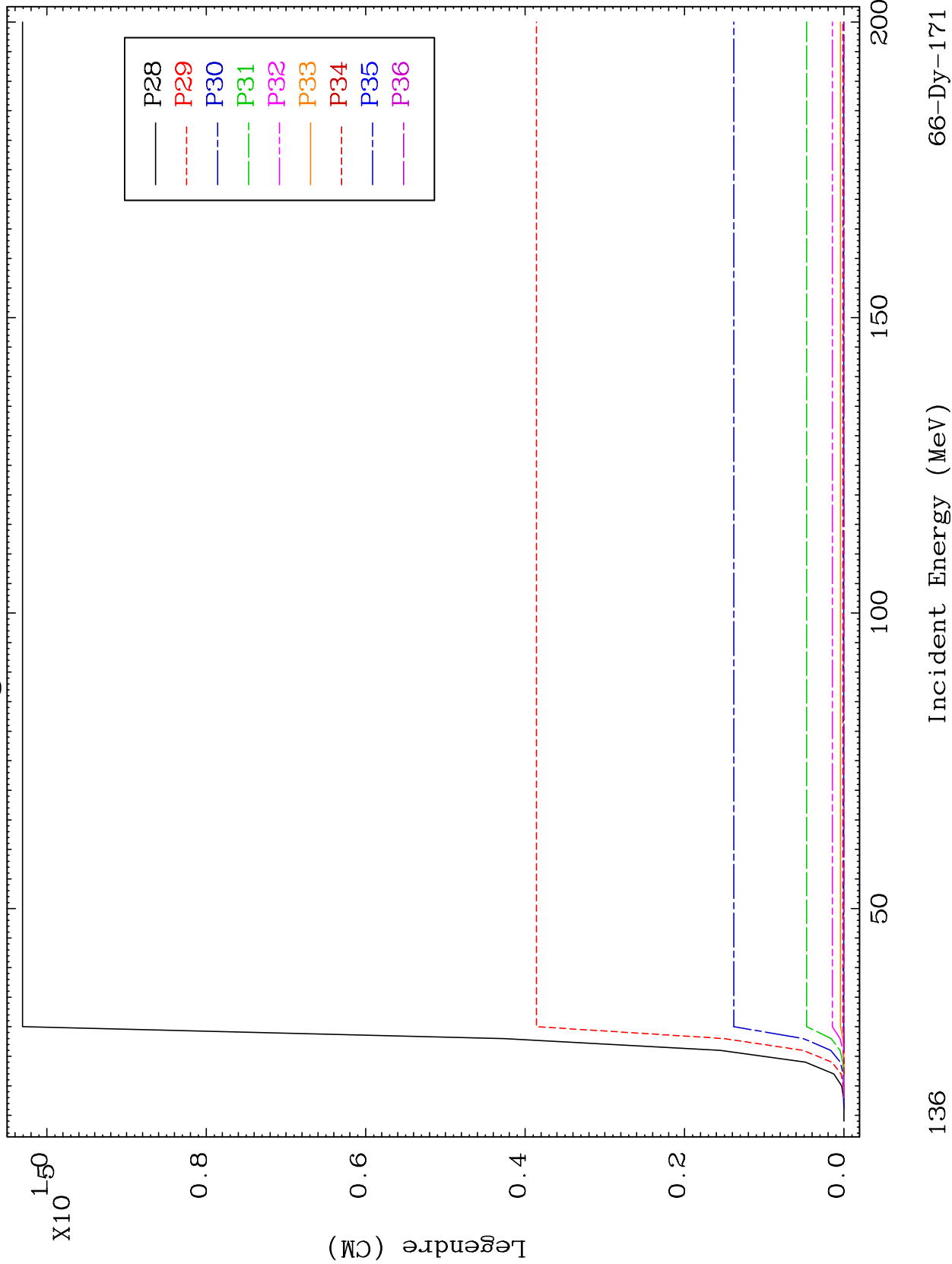
66-Dy-171

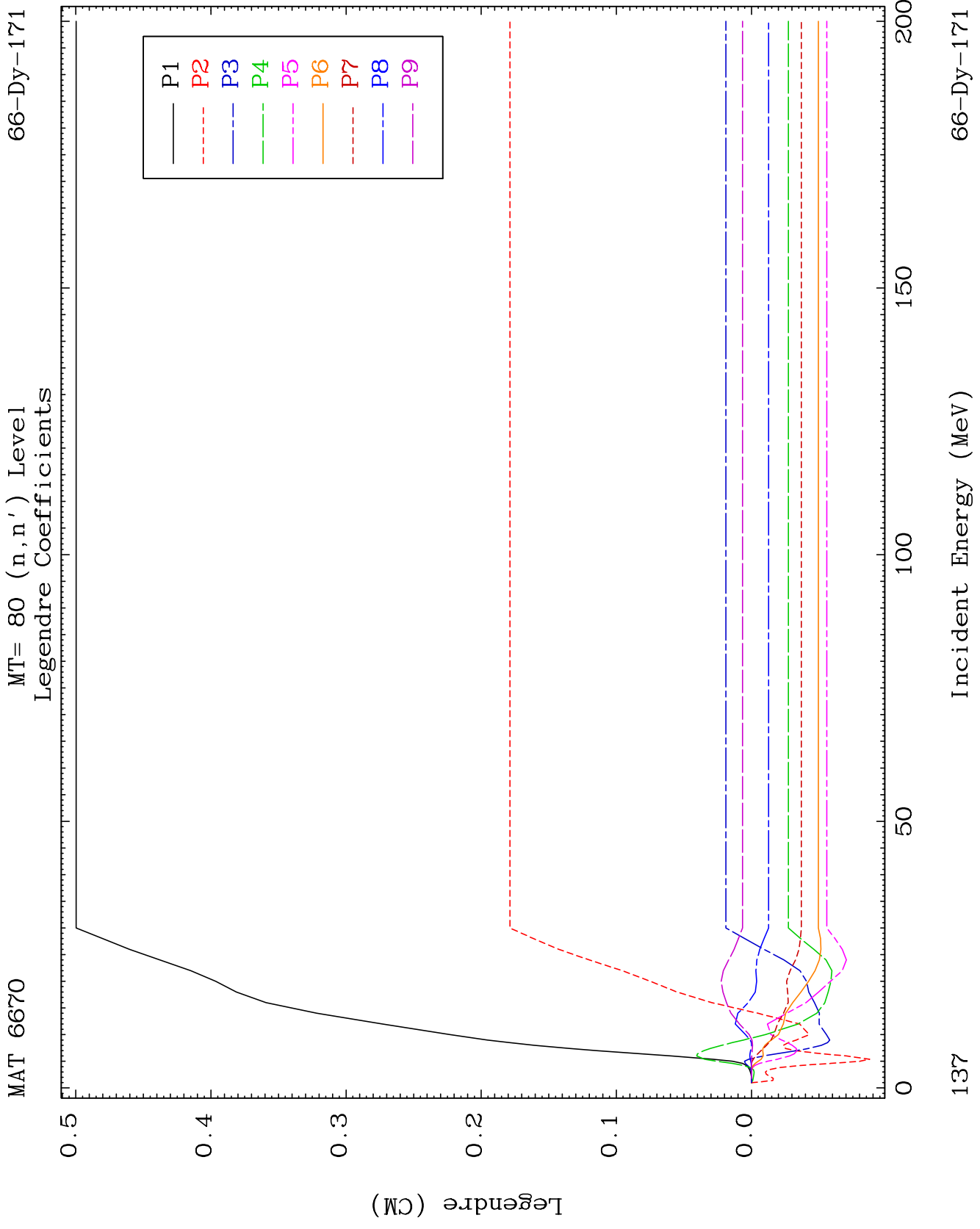


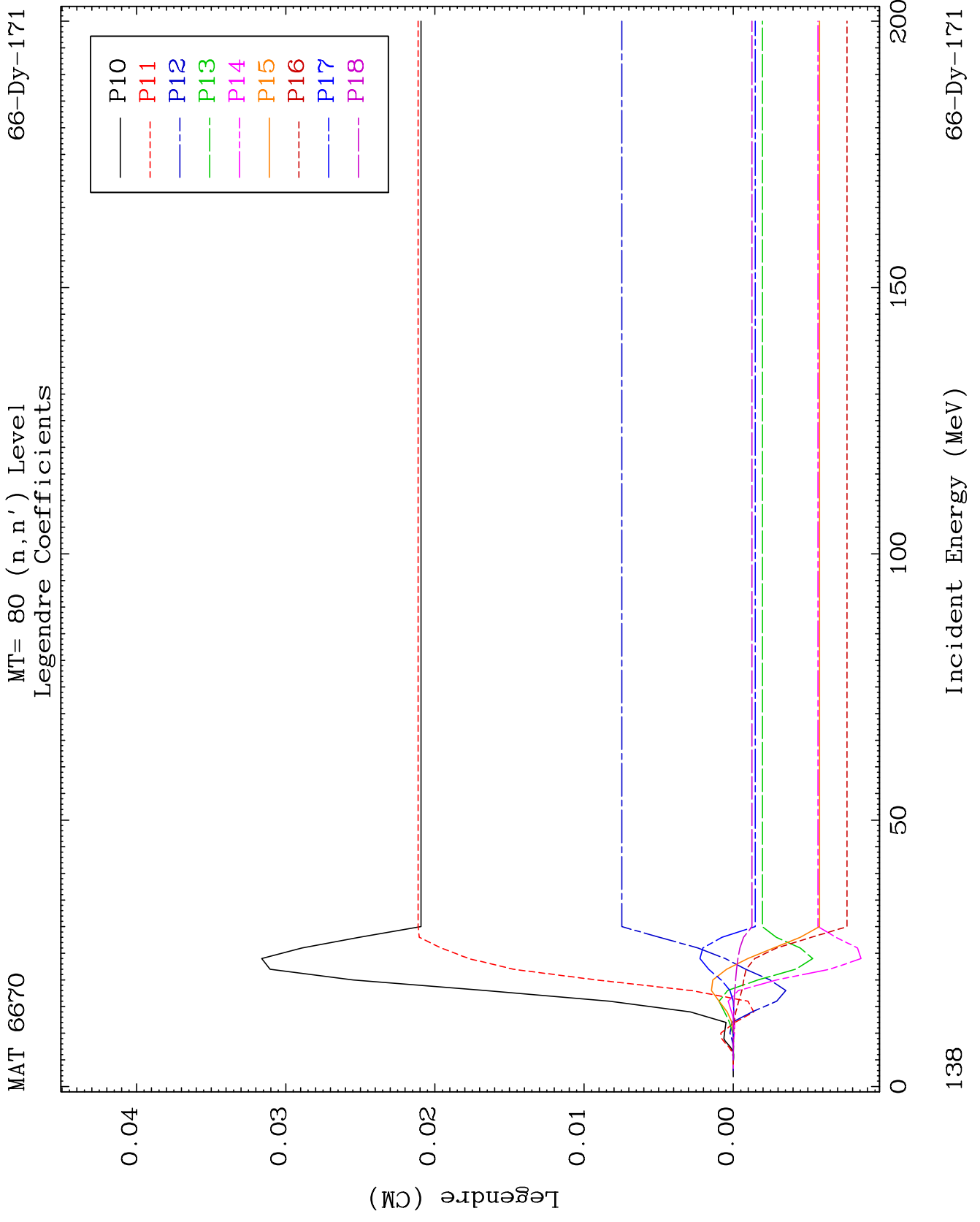
MAT 6670

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

66-Dy-171



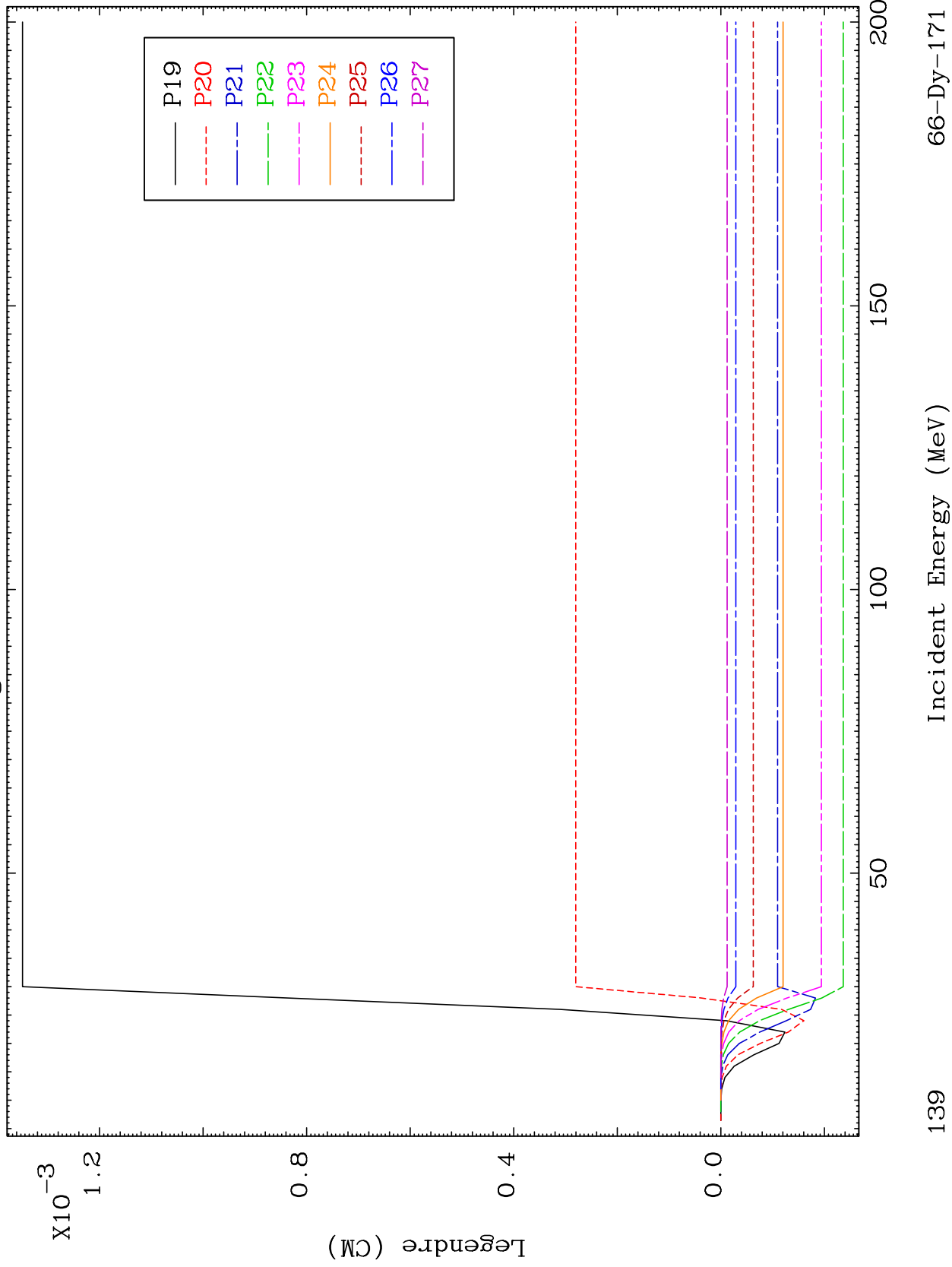




MAT 6670

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

66-Dy-171



139

