

Program EVALPLOT  
(Version 2021-1)

by

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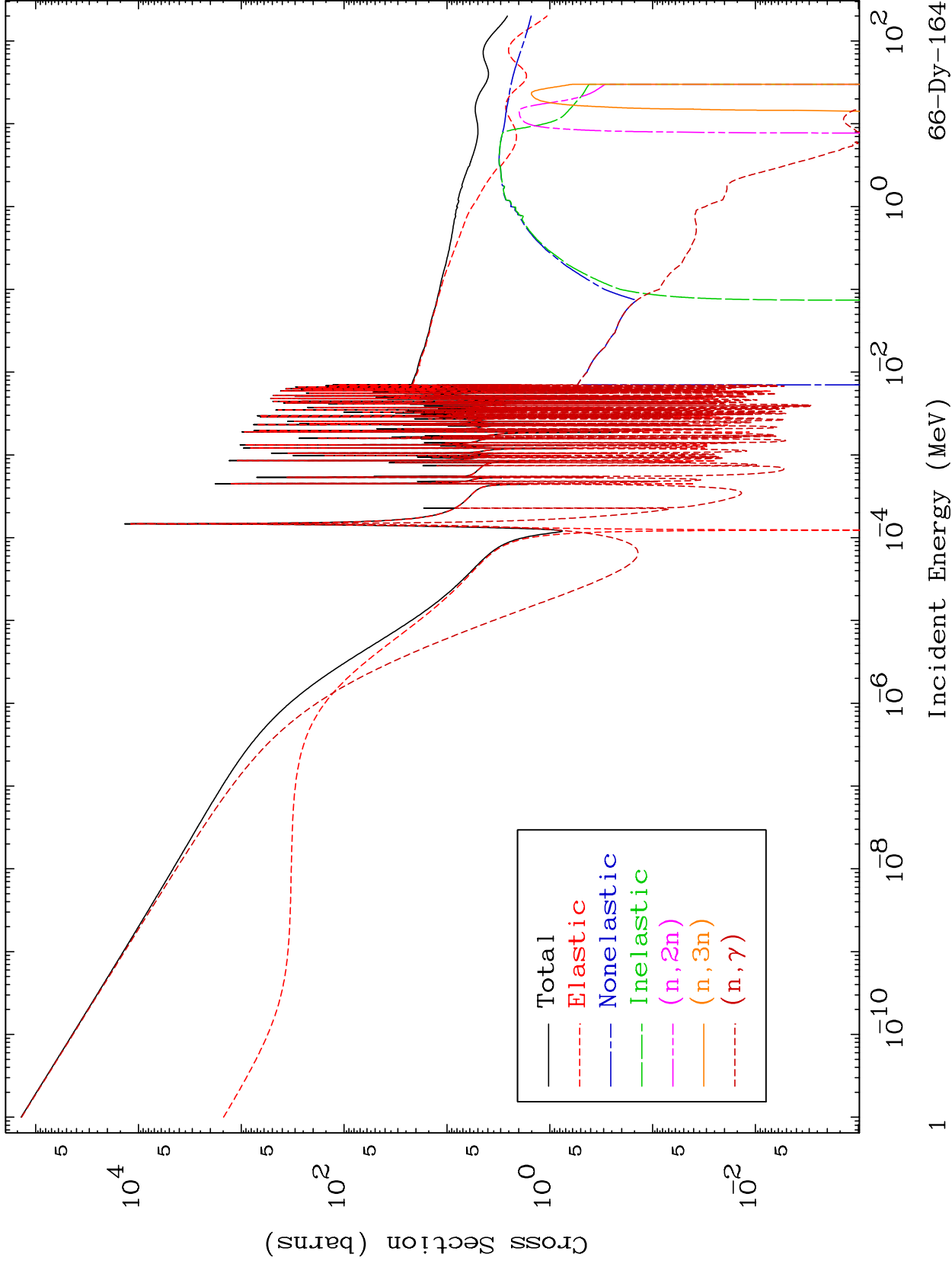
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6649

Neutron Major  
293 Kelvin Cross Sections

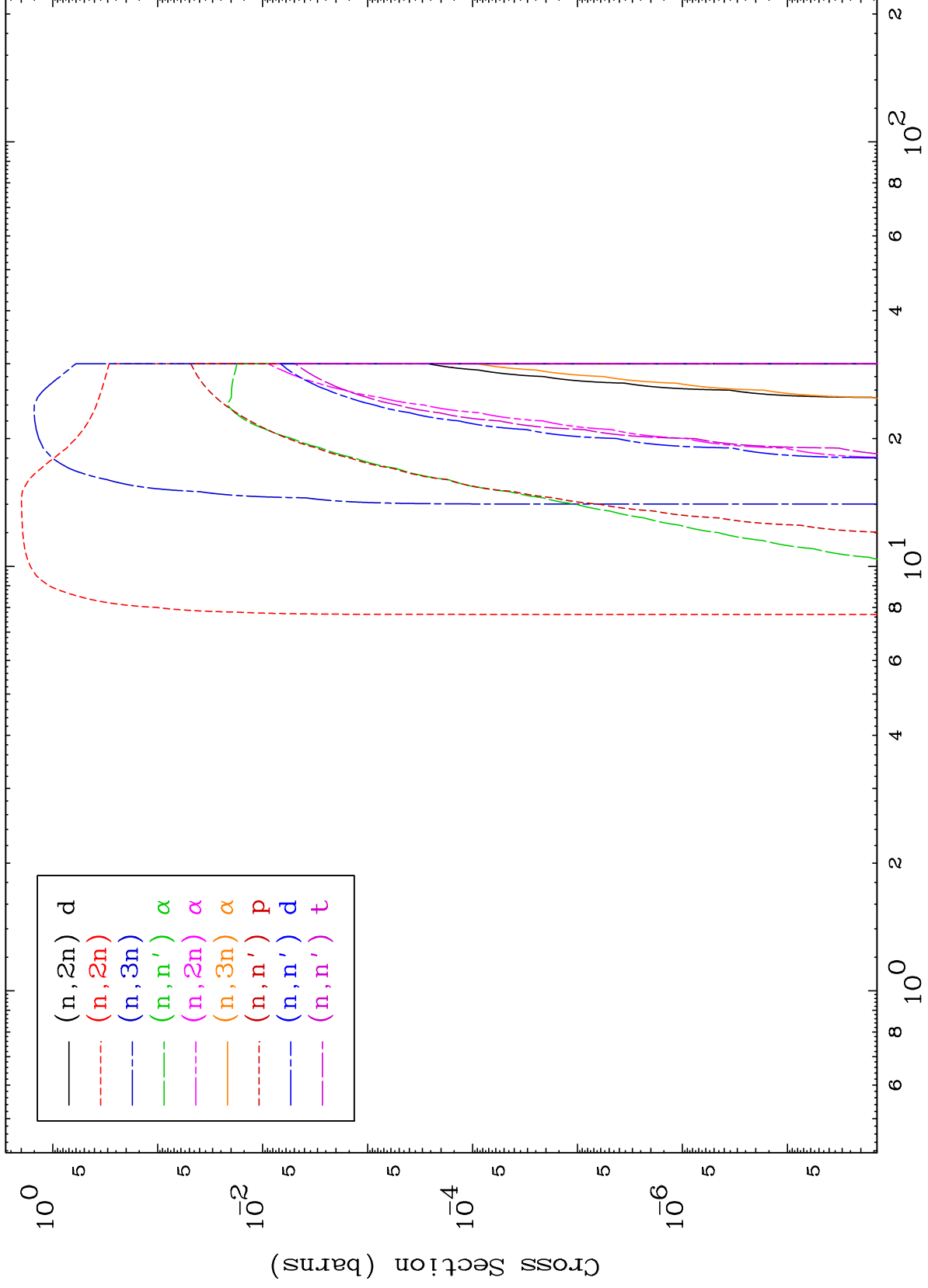
66-Dy-164



MAT 6649

Neutron Absorption  
293 Kelvin Cross Sections

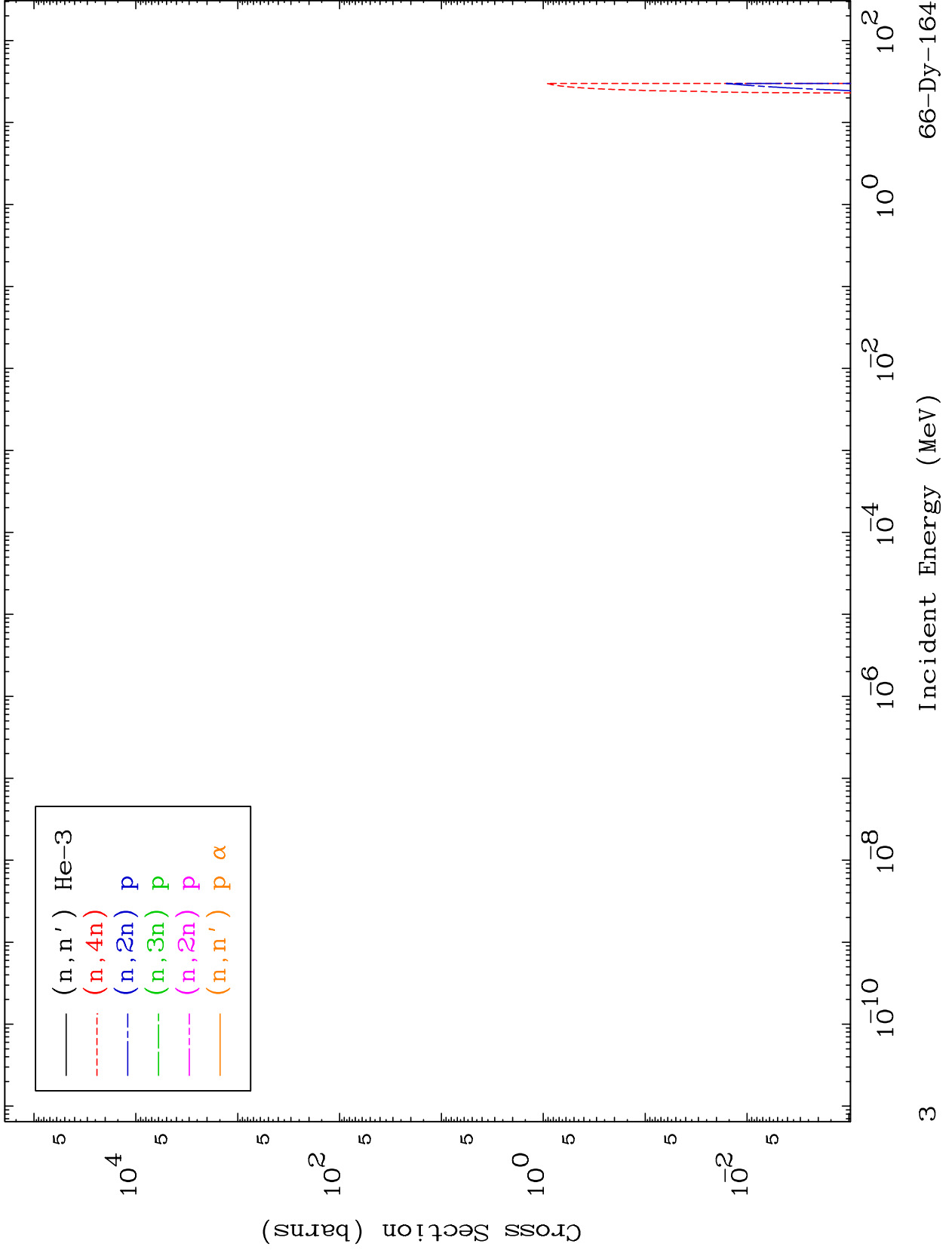
66-Dy-164



MAT 6649

Neutron Absorption  
293 Kelvin Cross Sections

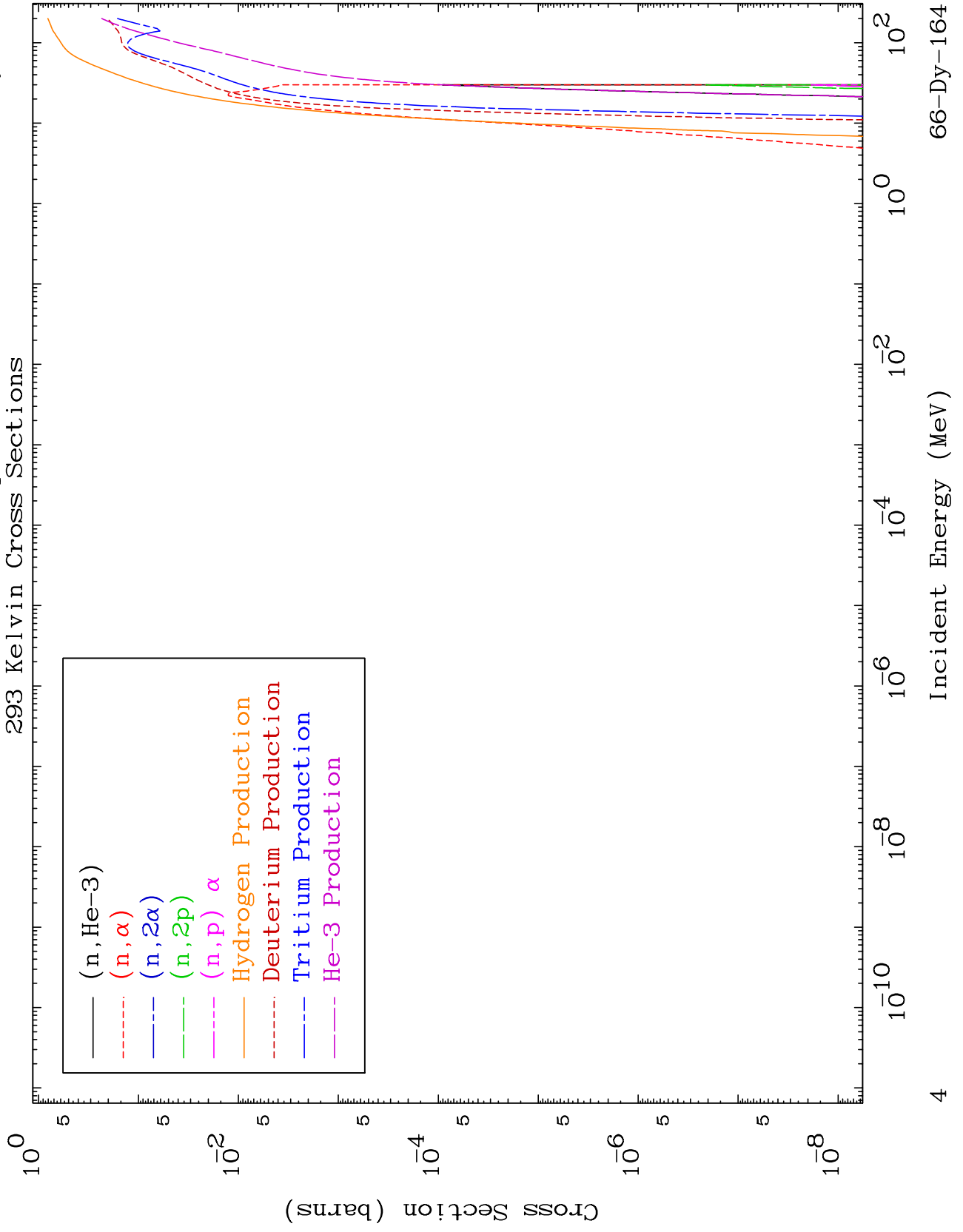
66-Dy-164

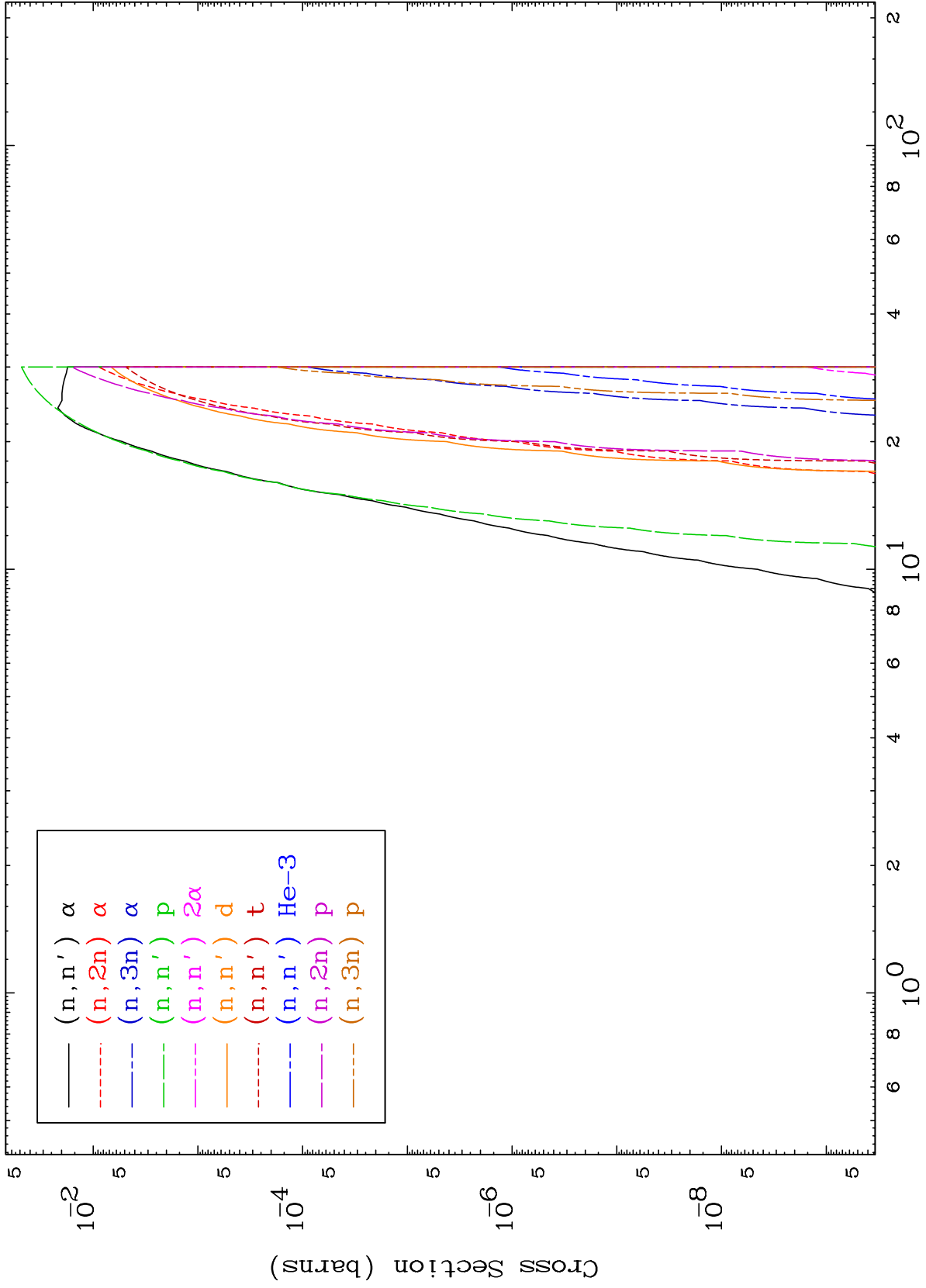


MAT 6649

Neutron Absorption  
293 Kelvin Cross Sections

66-Dy-164

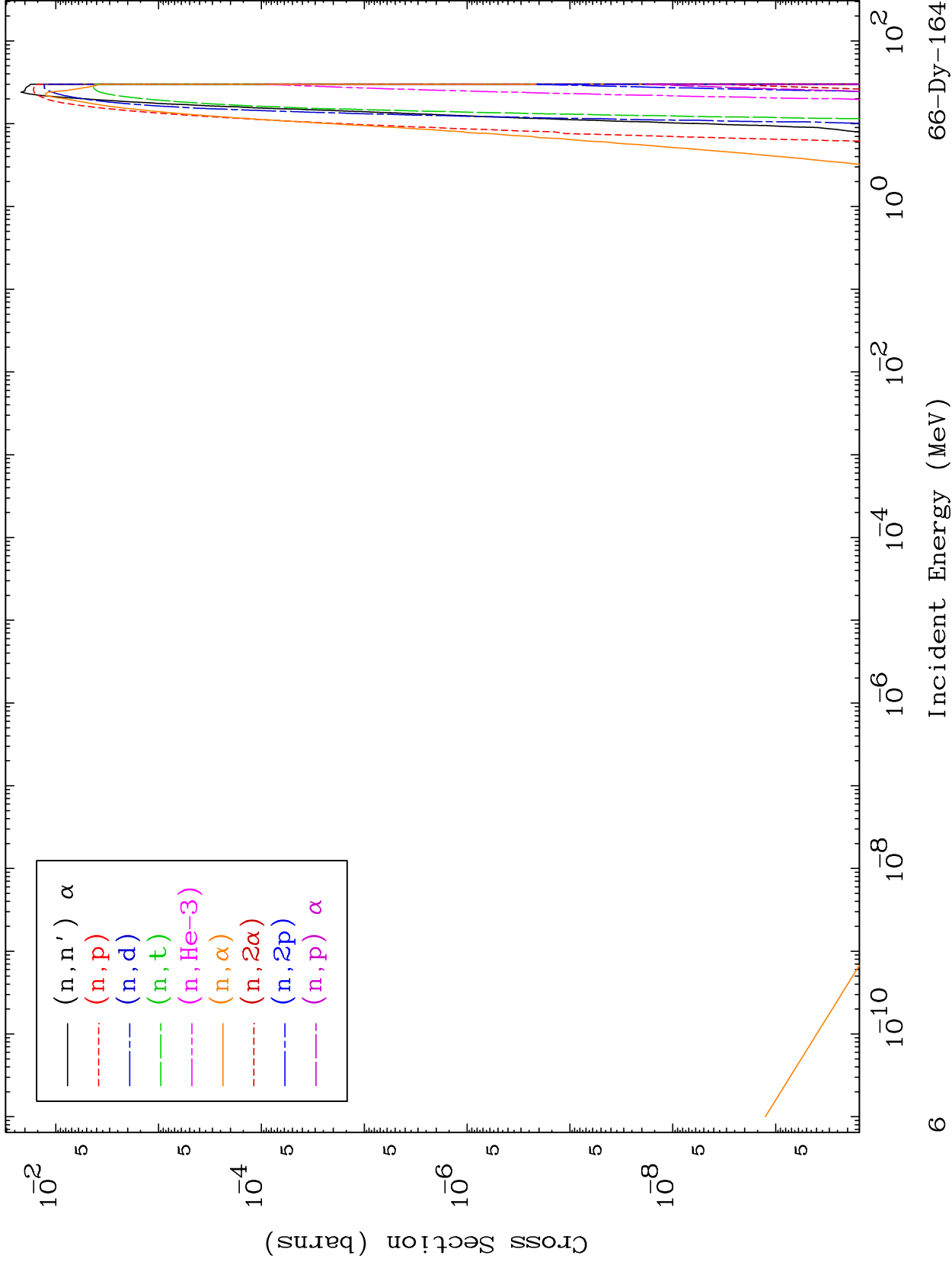




MAT 6649

Charged Particle  
293 Kelvin Cross Sections

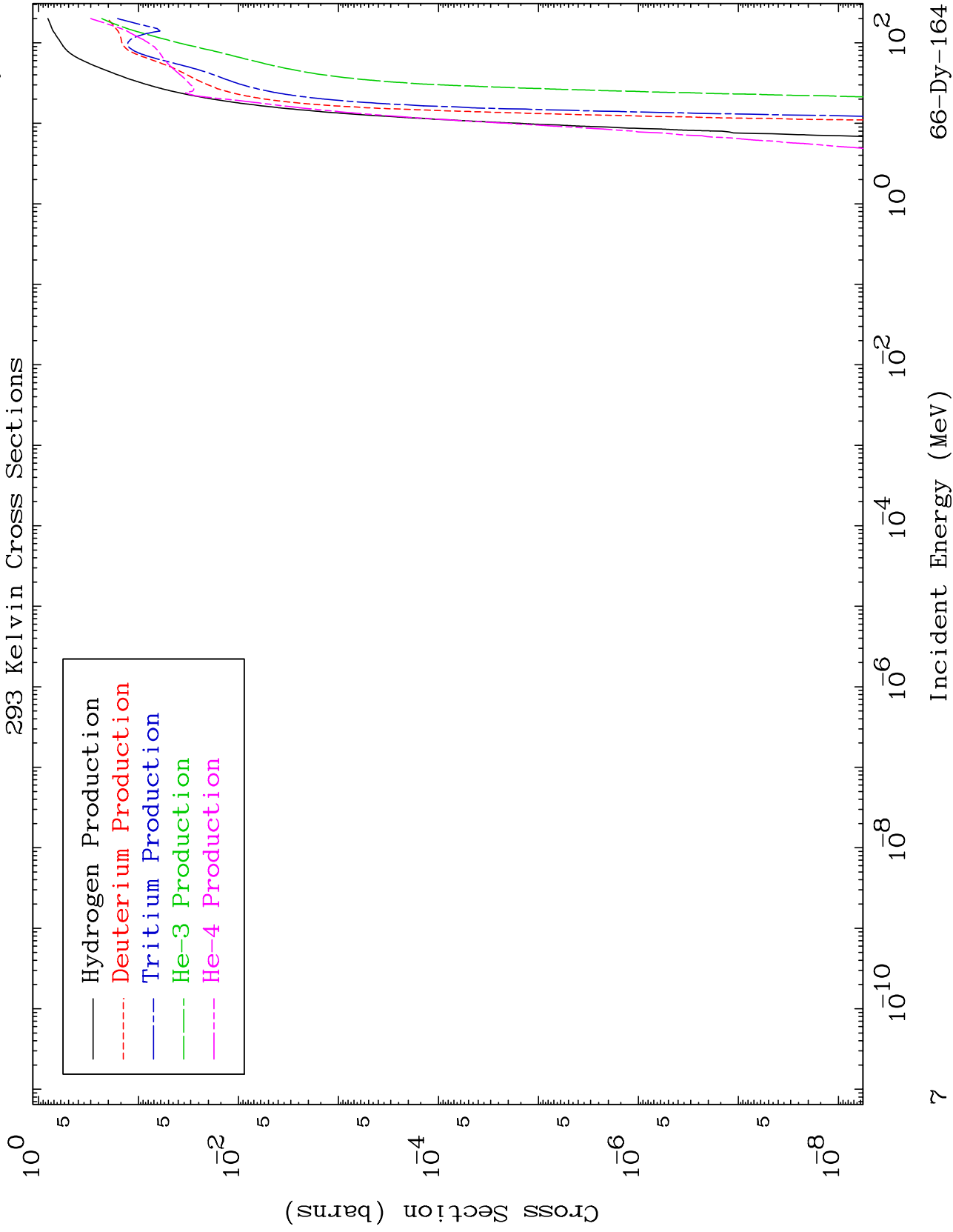
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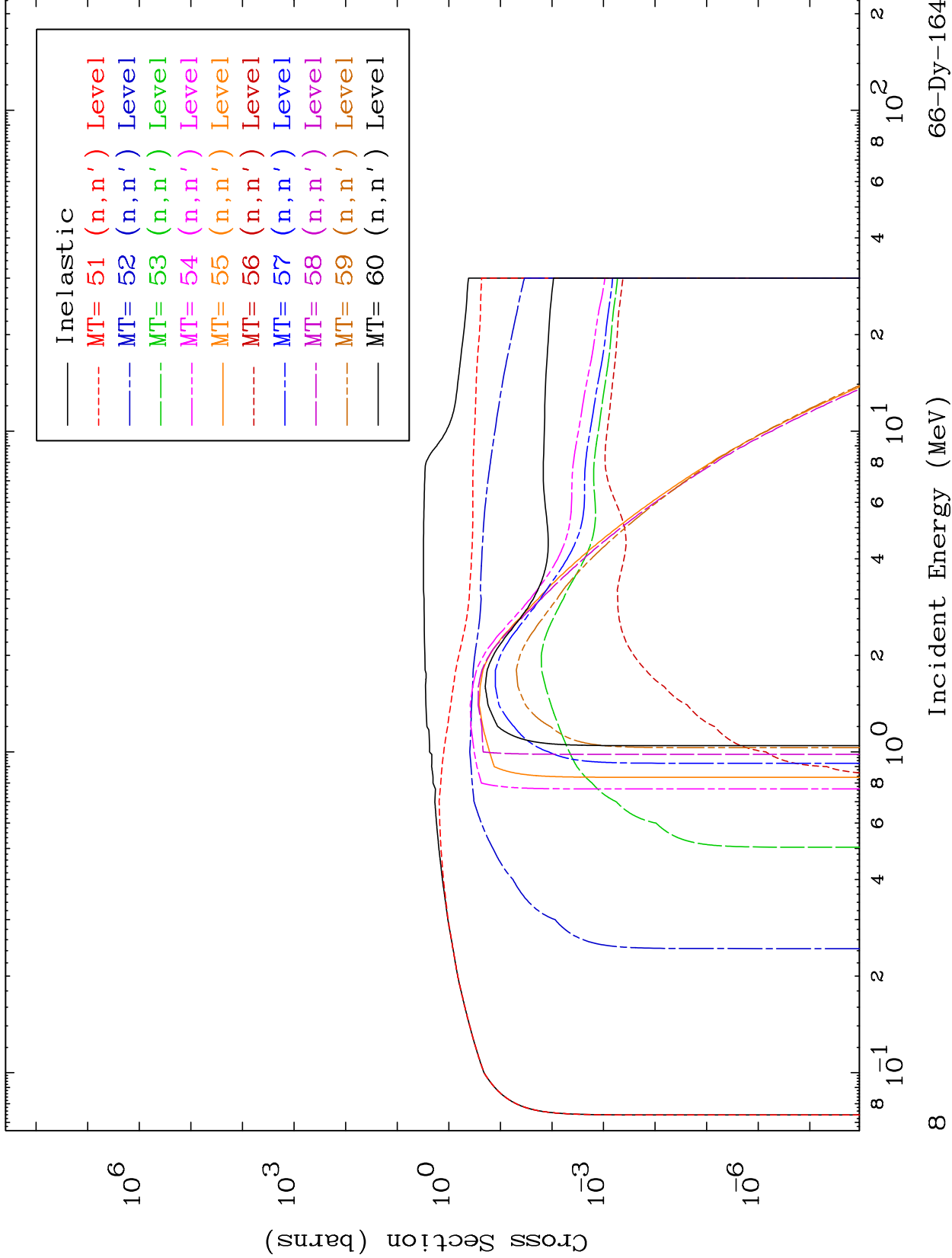
MAT 6649

Particle Production  
293 Kelvin Cross Sections

66-Dy-164





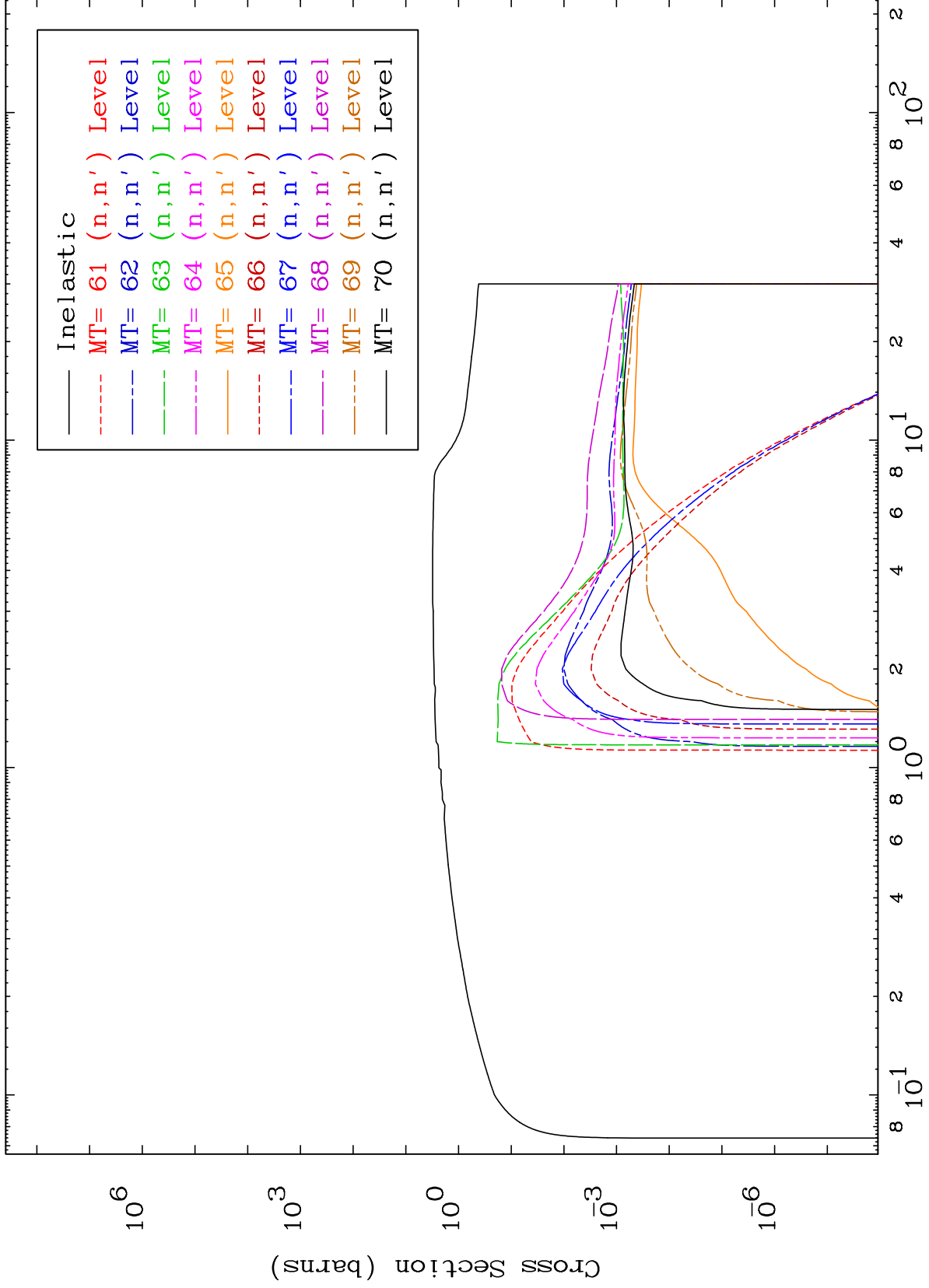


MAT 6649

(n,n') Levels

66-Dy-164

293 Kelvin Cross Sections



9

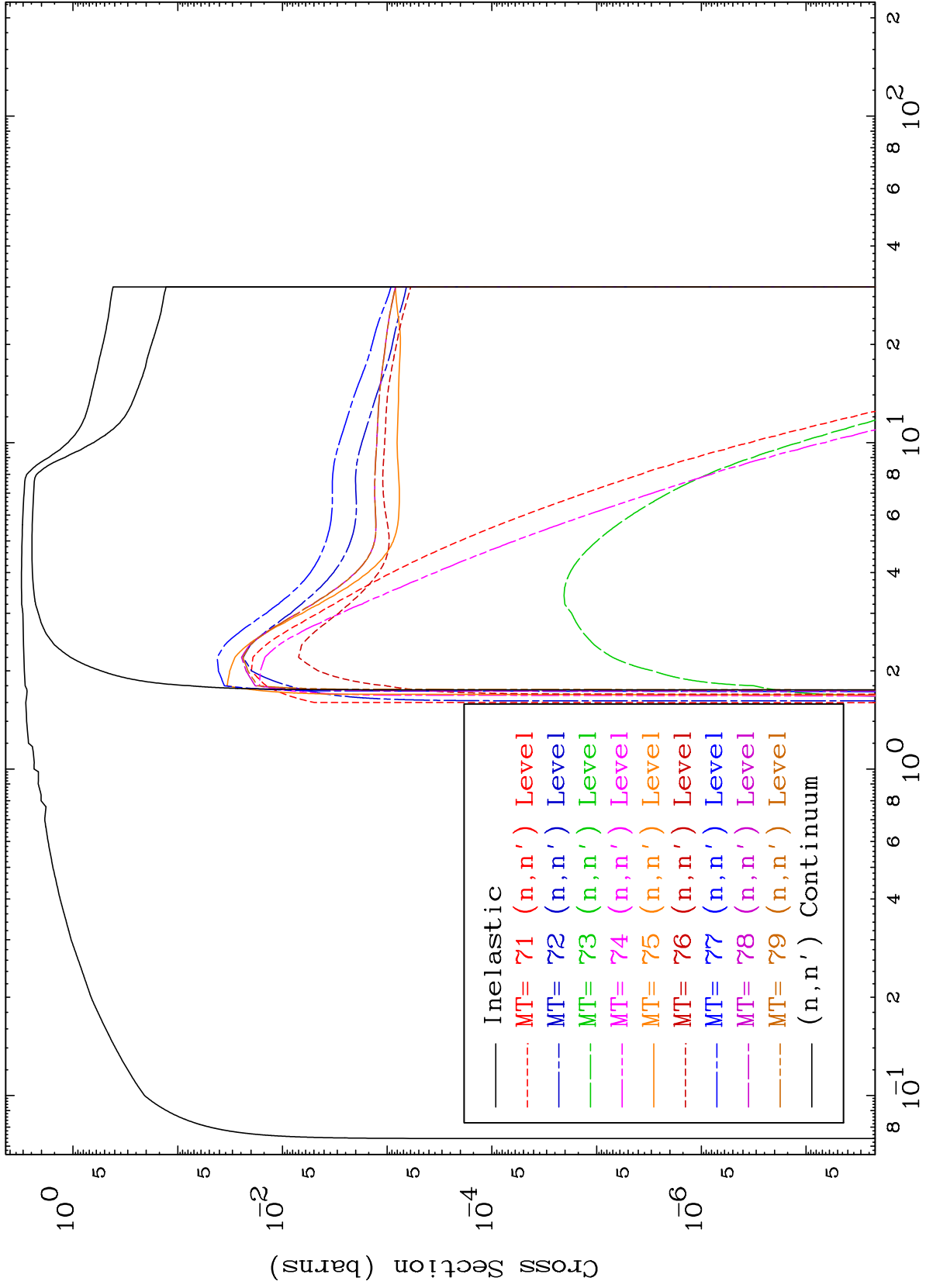
Incident Energy (MeV)

66-Dy-164

MAT 6649

(n,n') Levels  
293 Kelvin Cross Sections

66-Dy-164



10

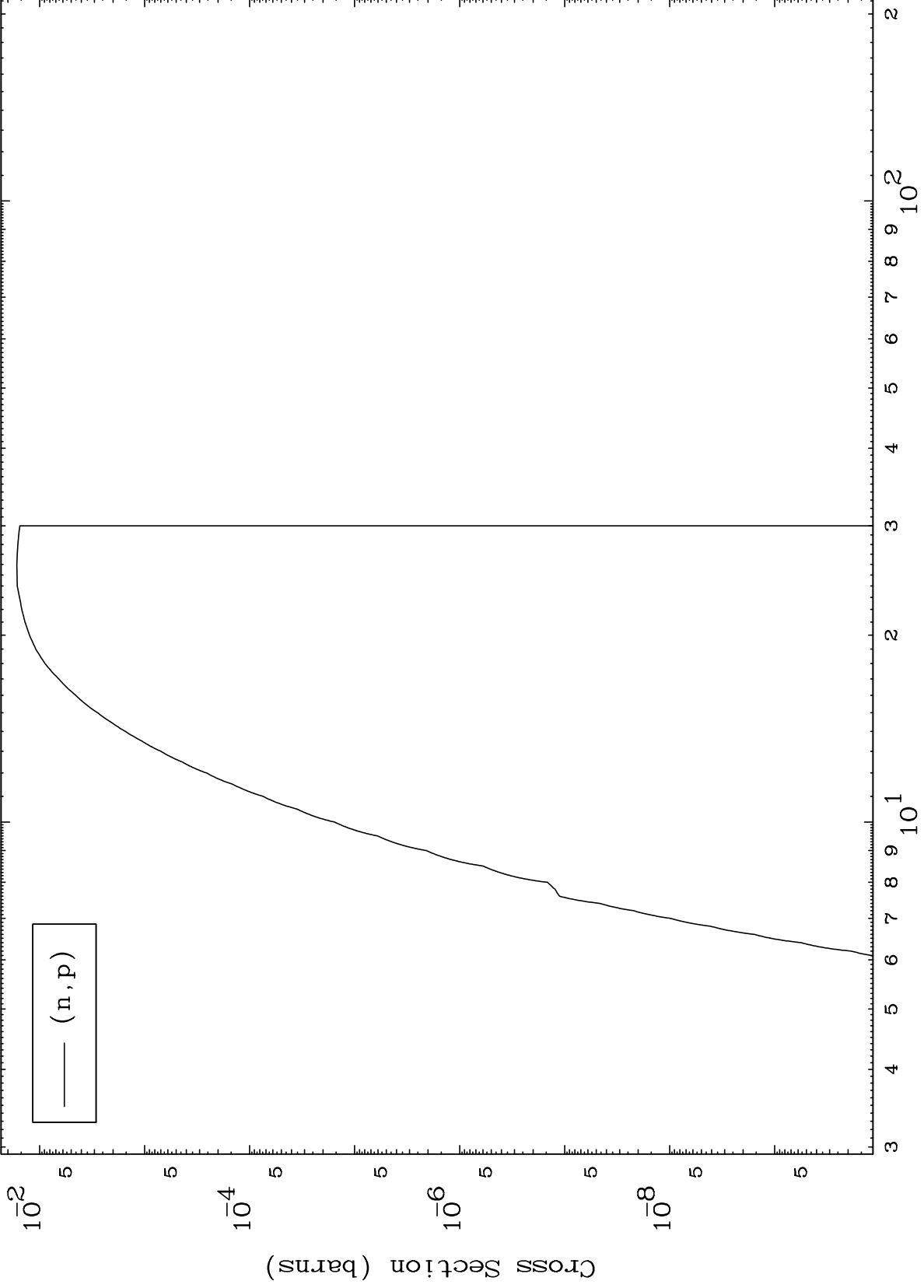
Incident Energy (MeV)

66-Dy-164

MAT 6649

(n,p) Levels  
293 Kelvin Cross Sections

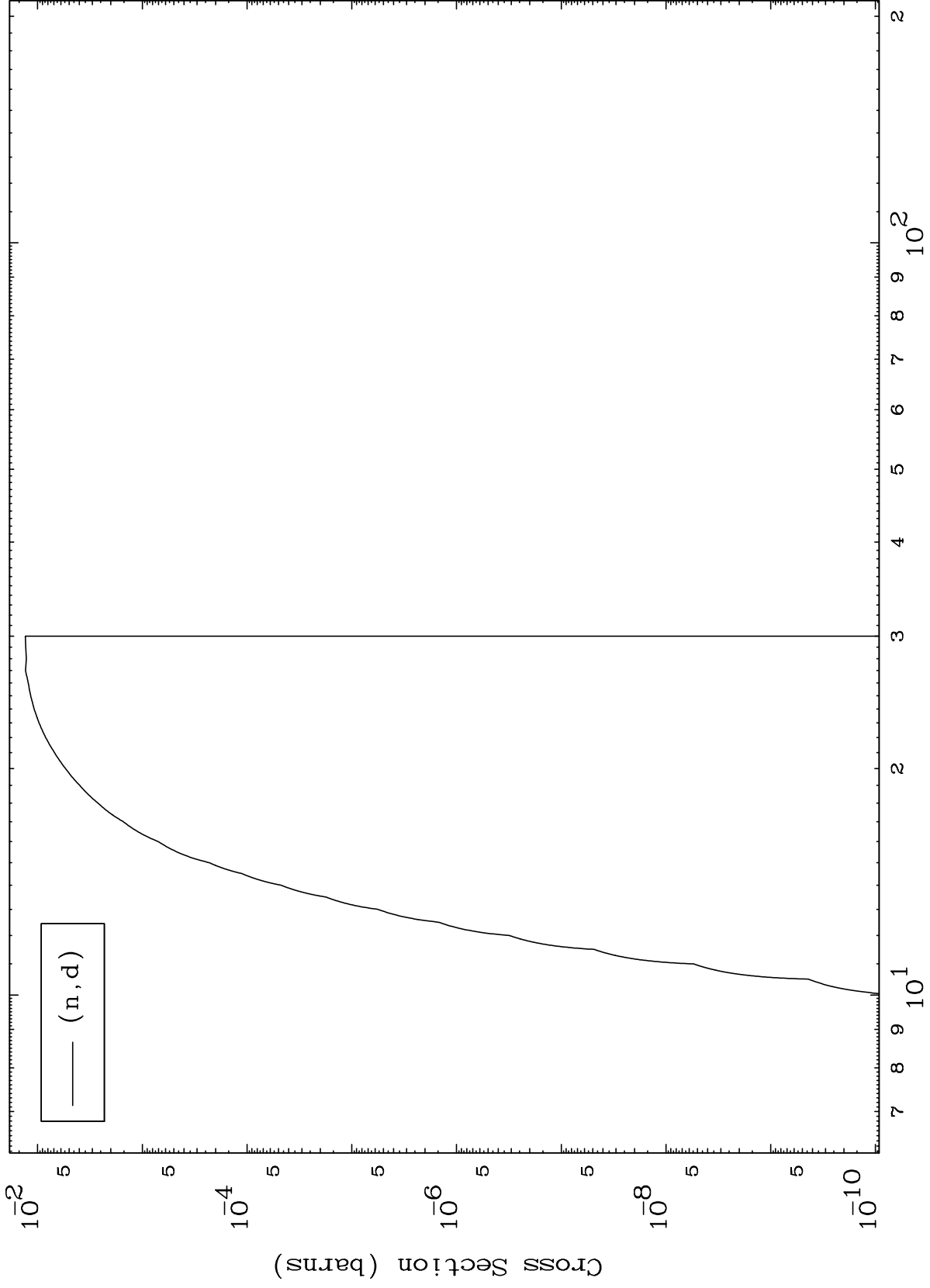
66-Dy-164



MAT 6649

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-164



12

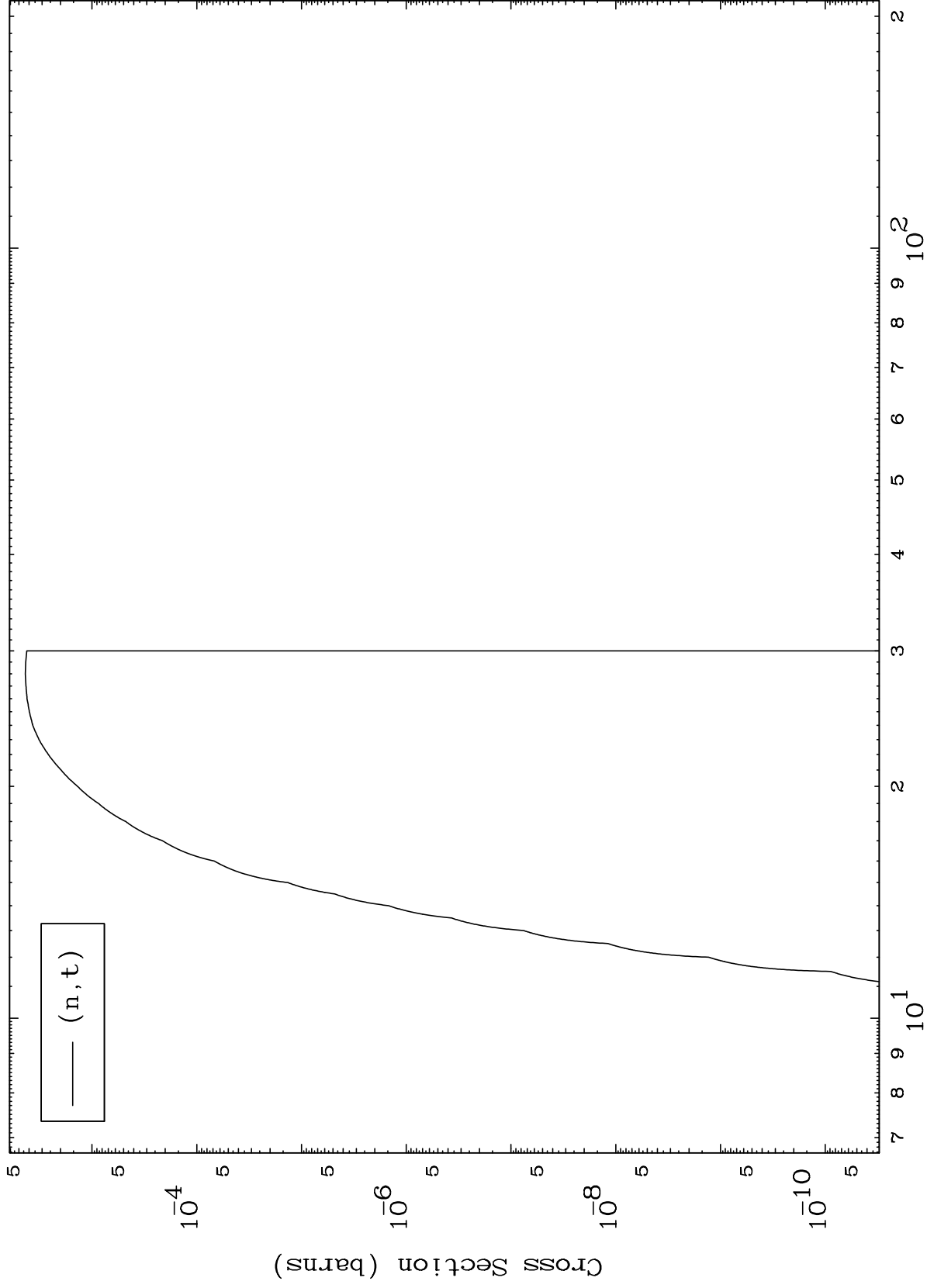
Incident Energy (MeV)

66-Dy-164

MAT 6649

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-164



13

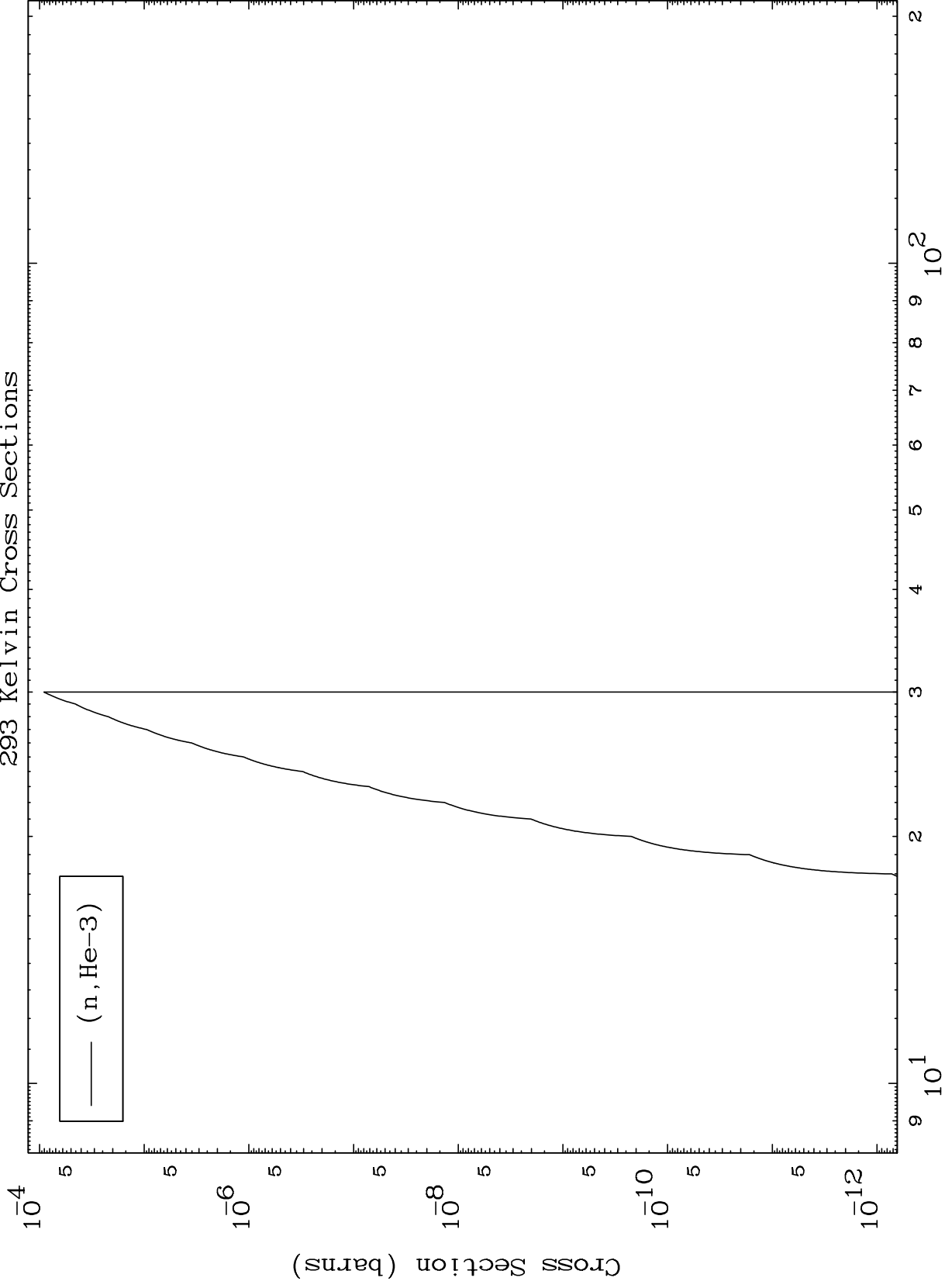
Incident Energy (MeV)

66-Dy-164

MAT 6649

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-164



14

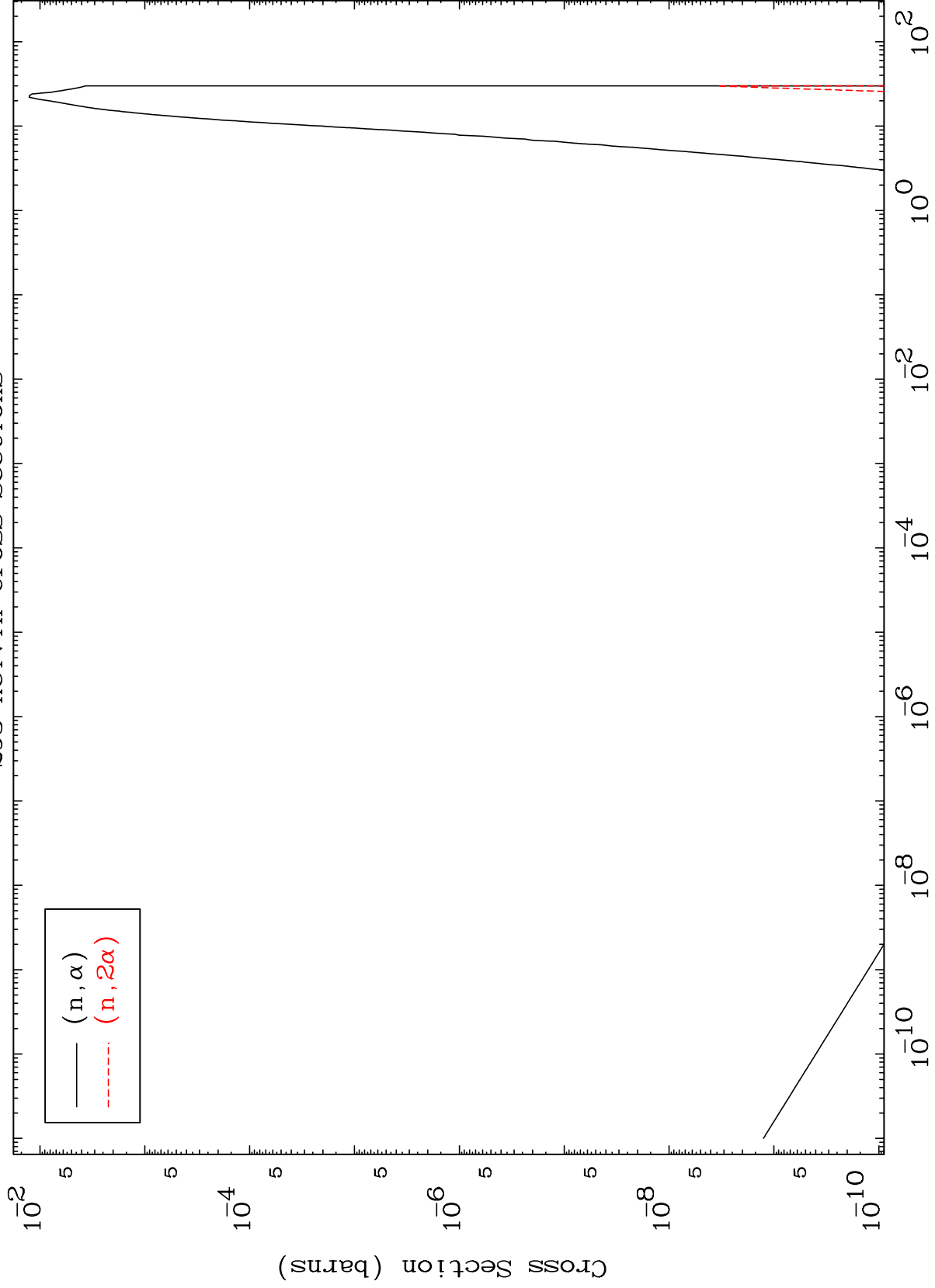
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



15

Incident Energy (MeV)

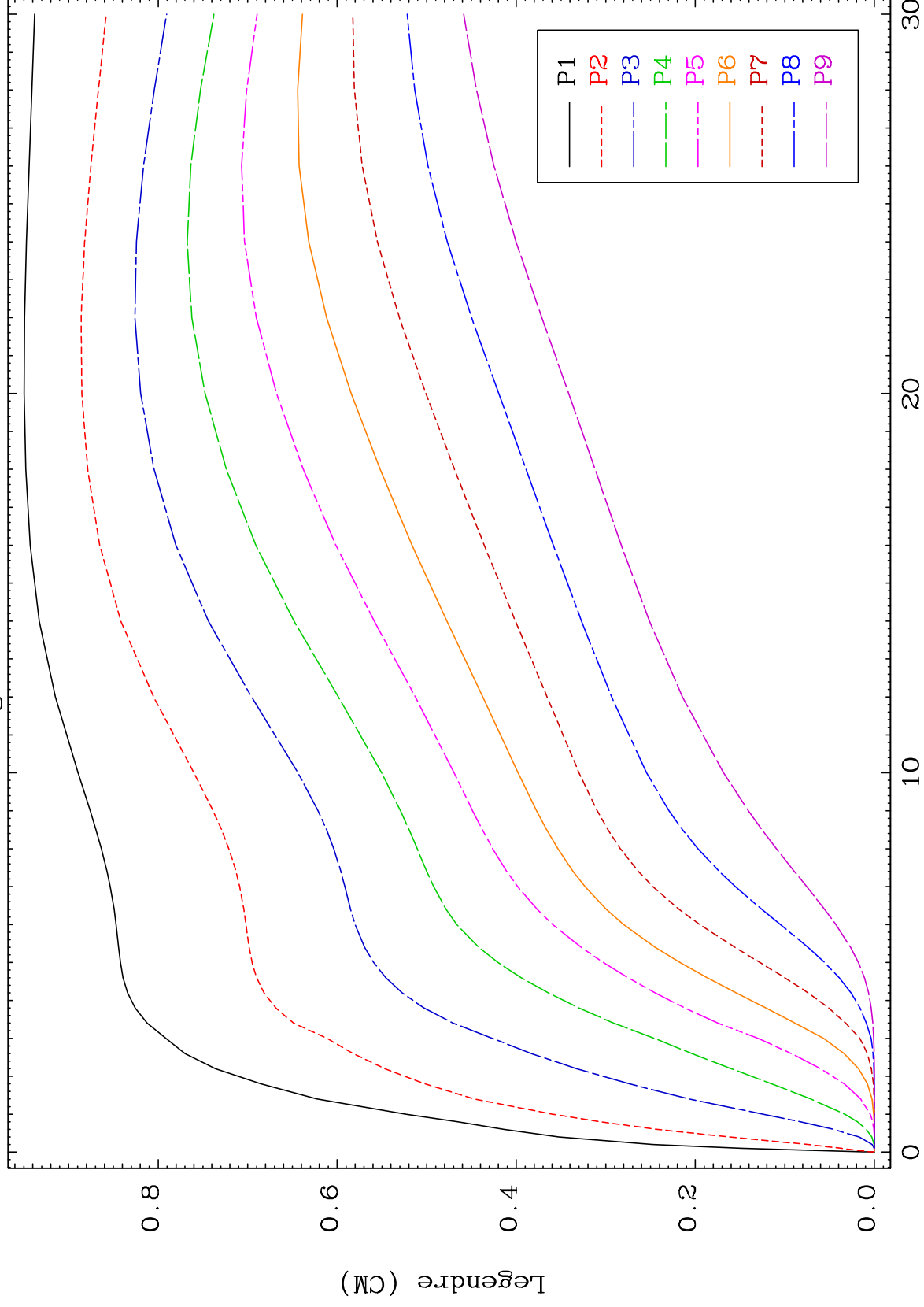
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MAT 6649

Elastic Legendre Coefficients

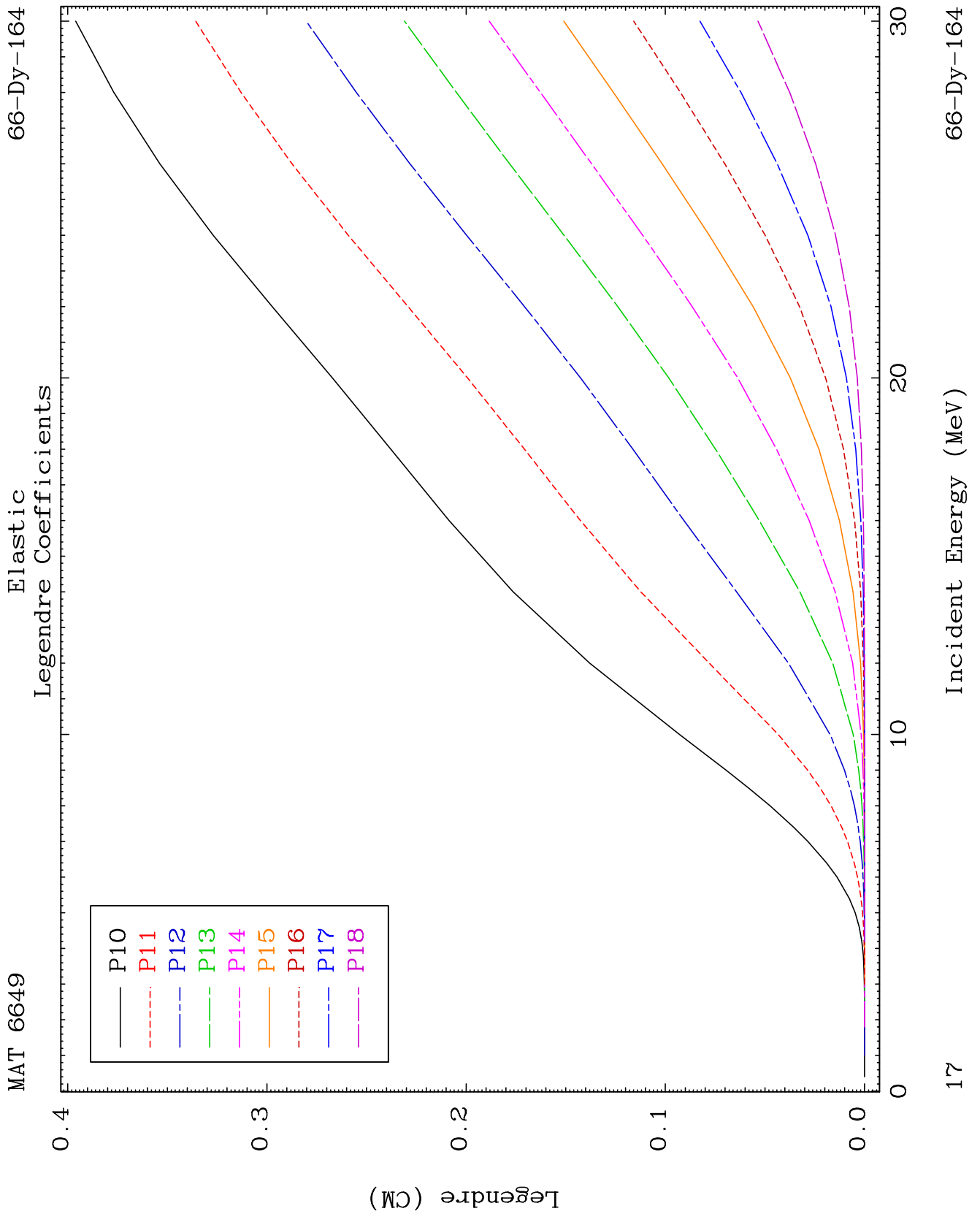
66-Dy-164



16

Incident Energy (MeV)

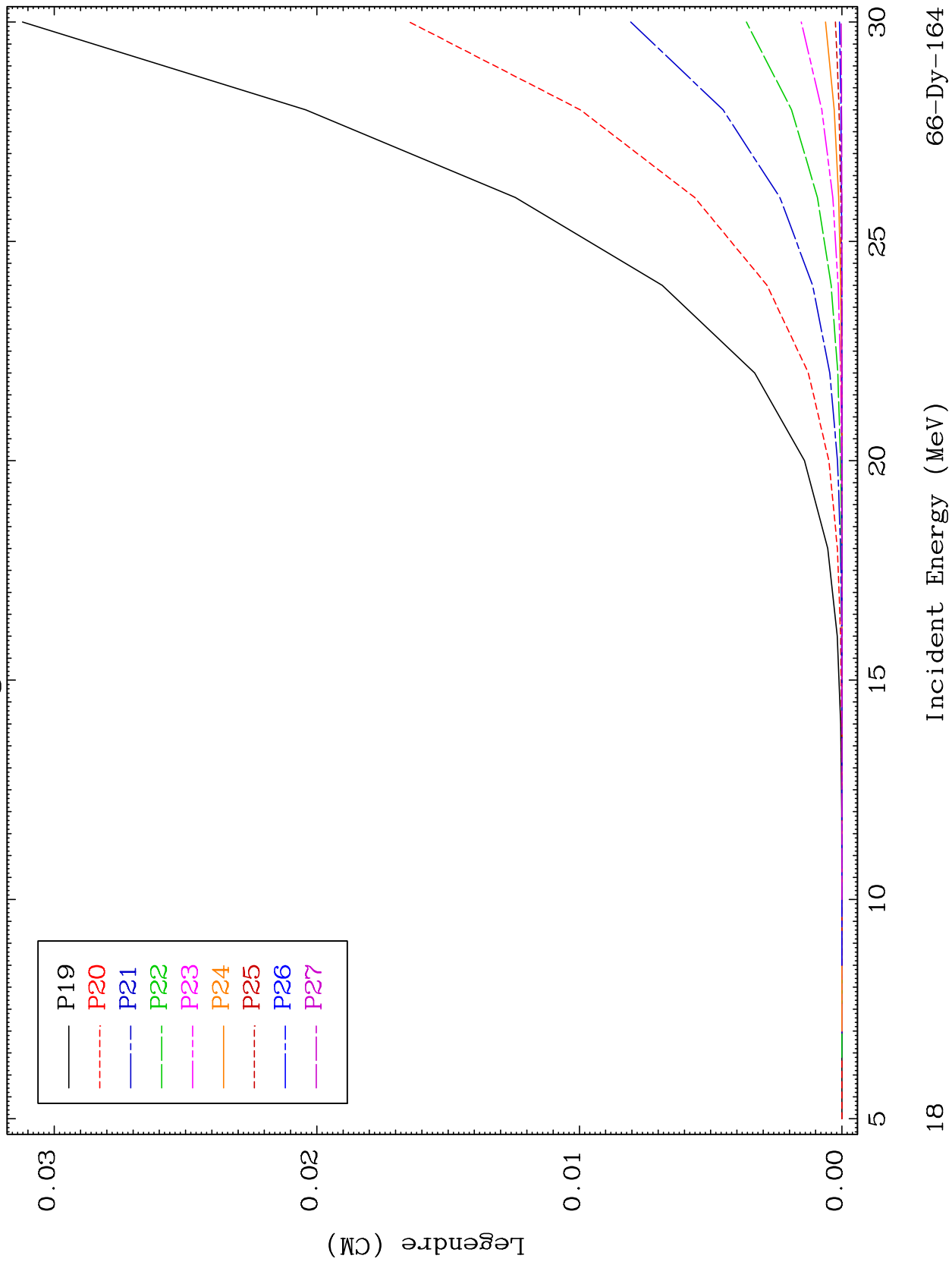
66-Dy-164



MAT 6649

Elastic  
Legendre Coefficients

66-Dy-164



18

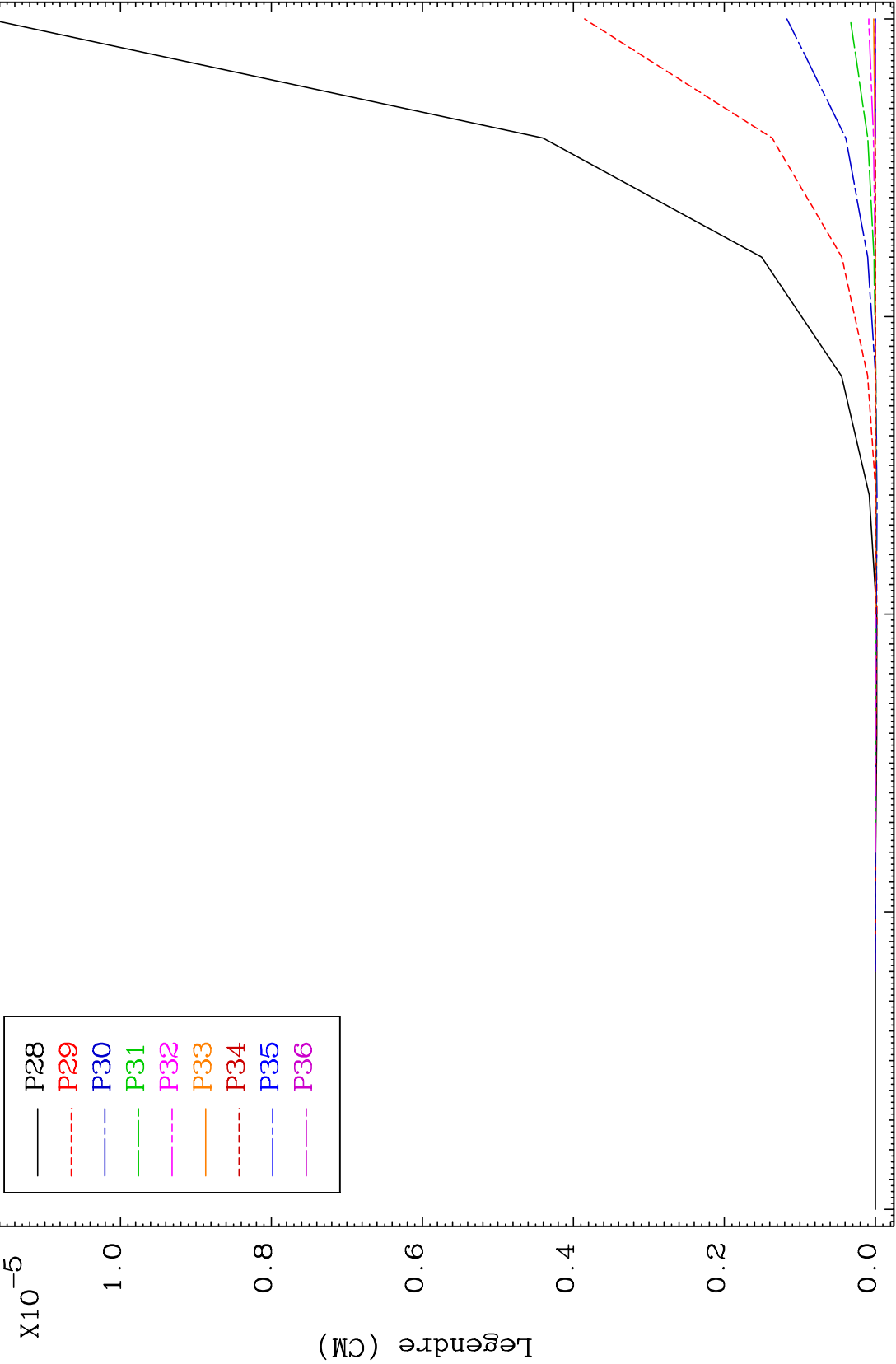
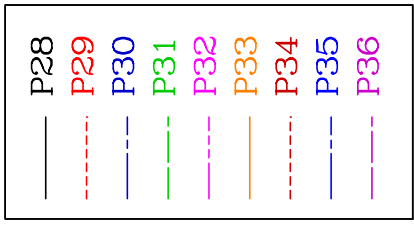
Incident Energy (MeV)

66-Dy-164

MAT 6649

Elastic Legendre Coefficients

66-Dy-164



19

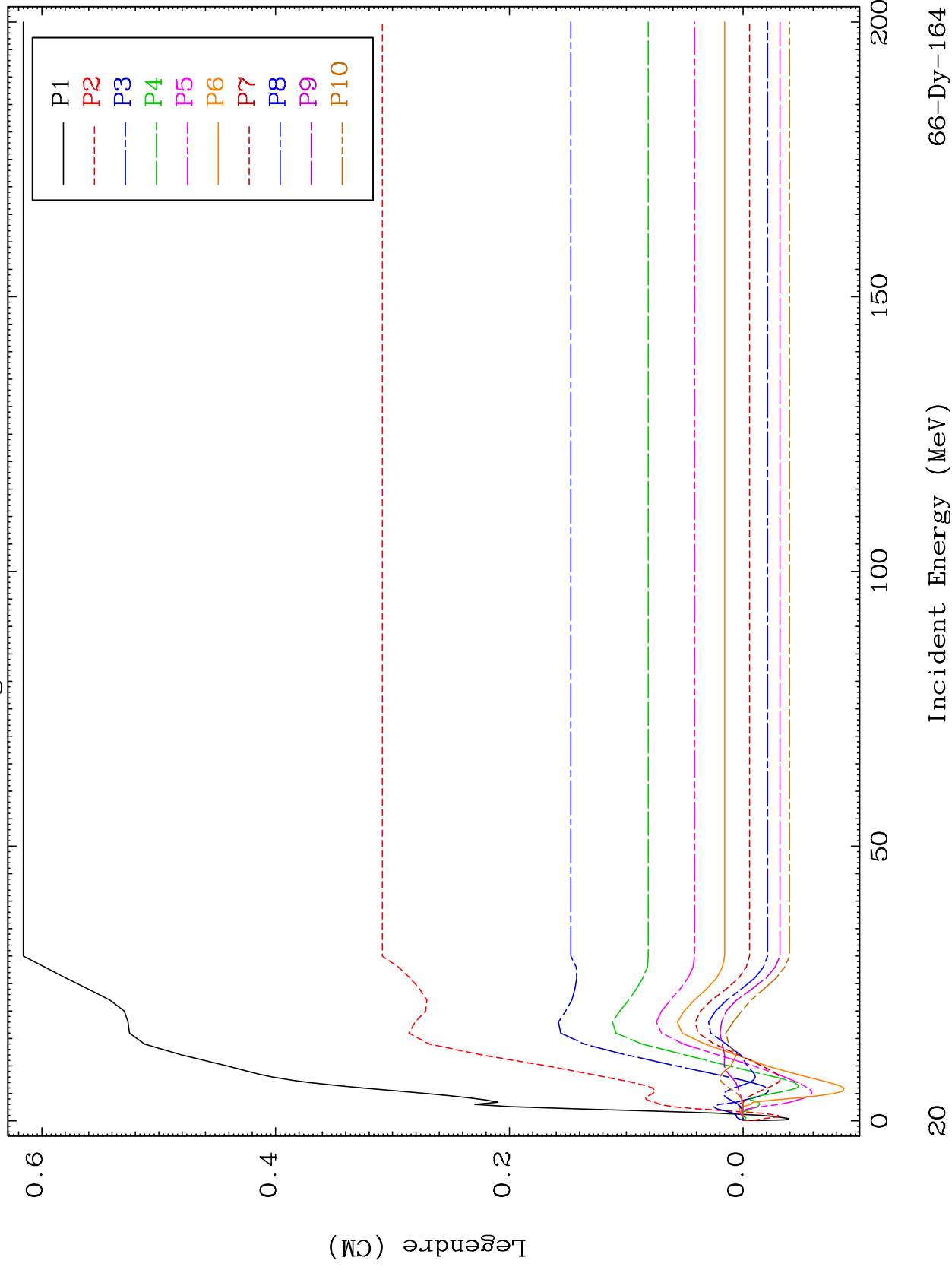
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

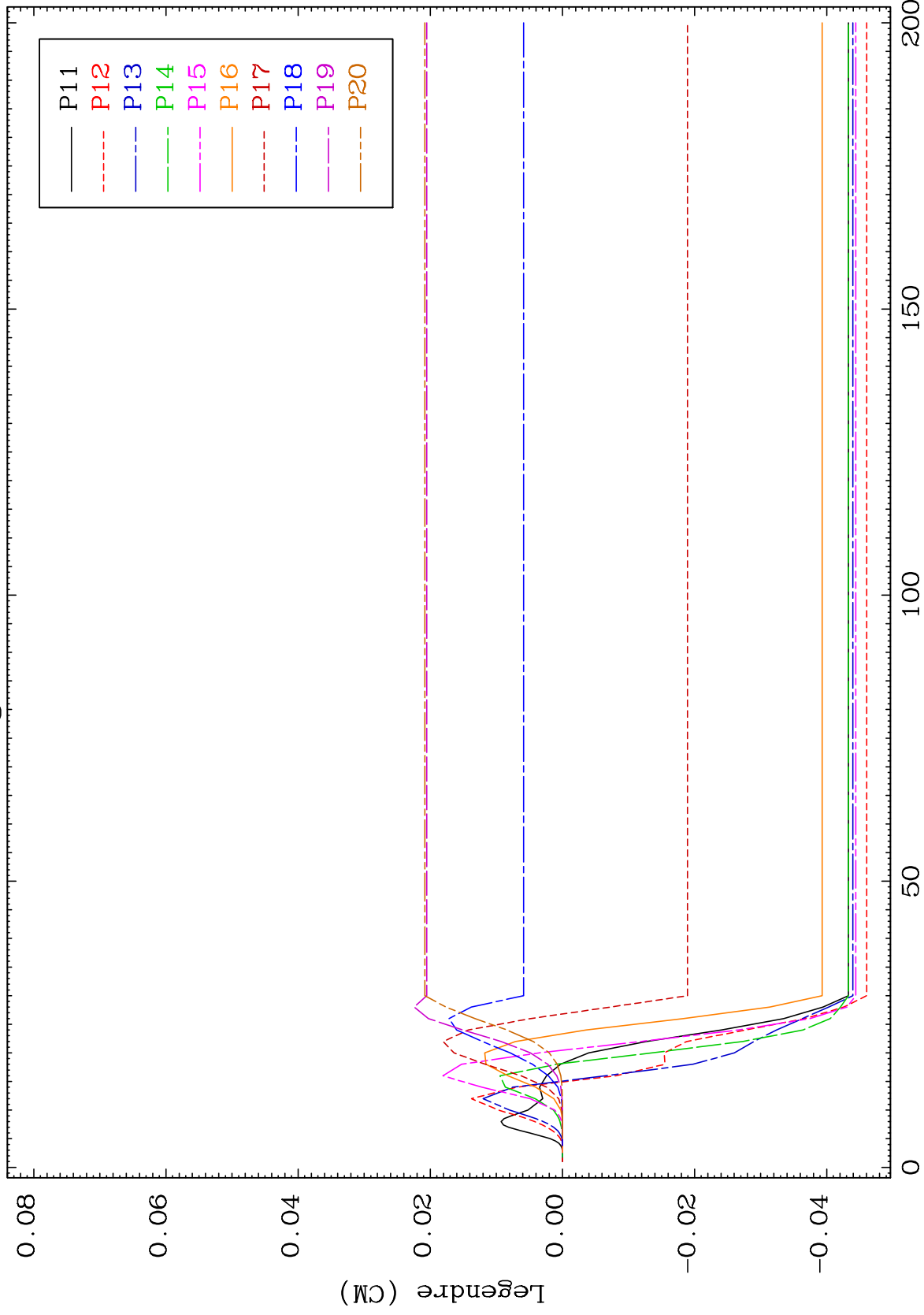
66-Dy-164



MAT 6649

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

66-Dy-164



21

Incident Energy (MeV)

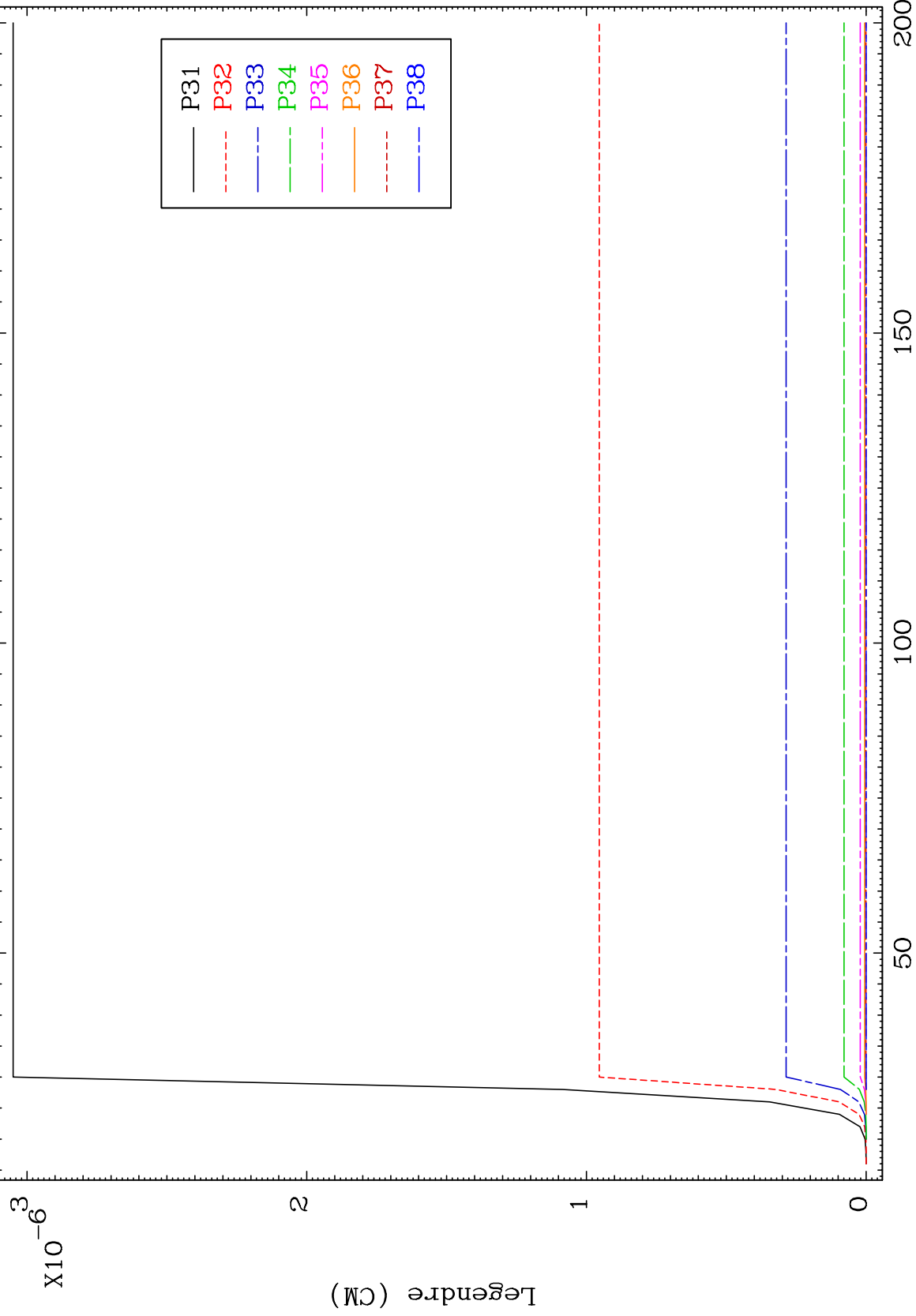
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MAT 6649

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

66-Dy-164



23

Incident Energy (MeV)

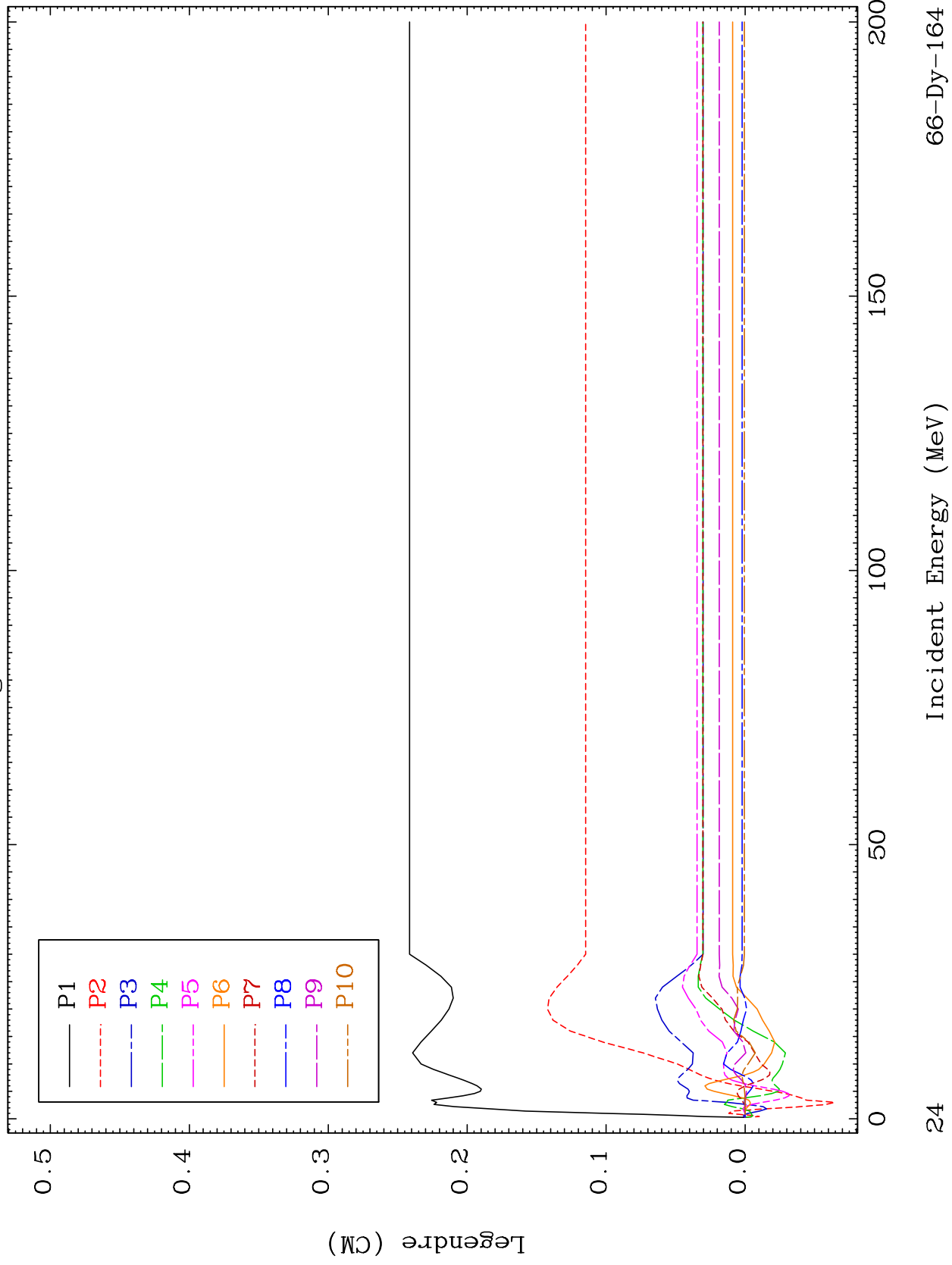
66-Dy-164



MAT 6649

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

66-Dy-164



24

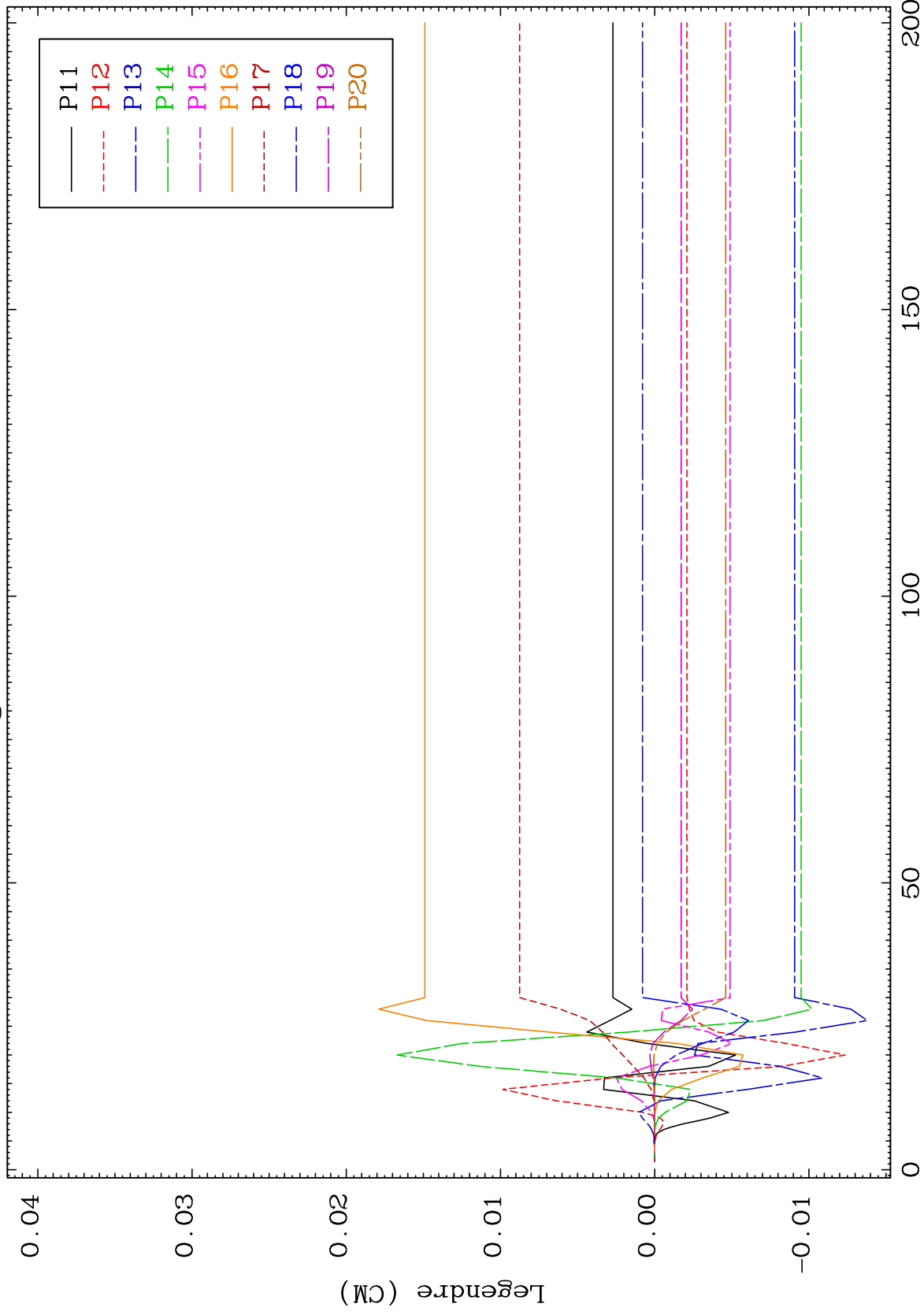
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

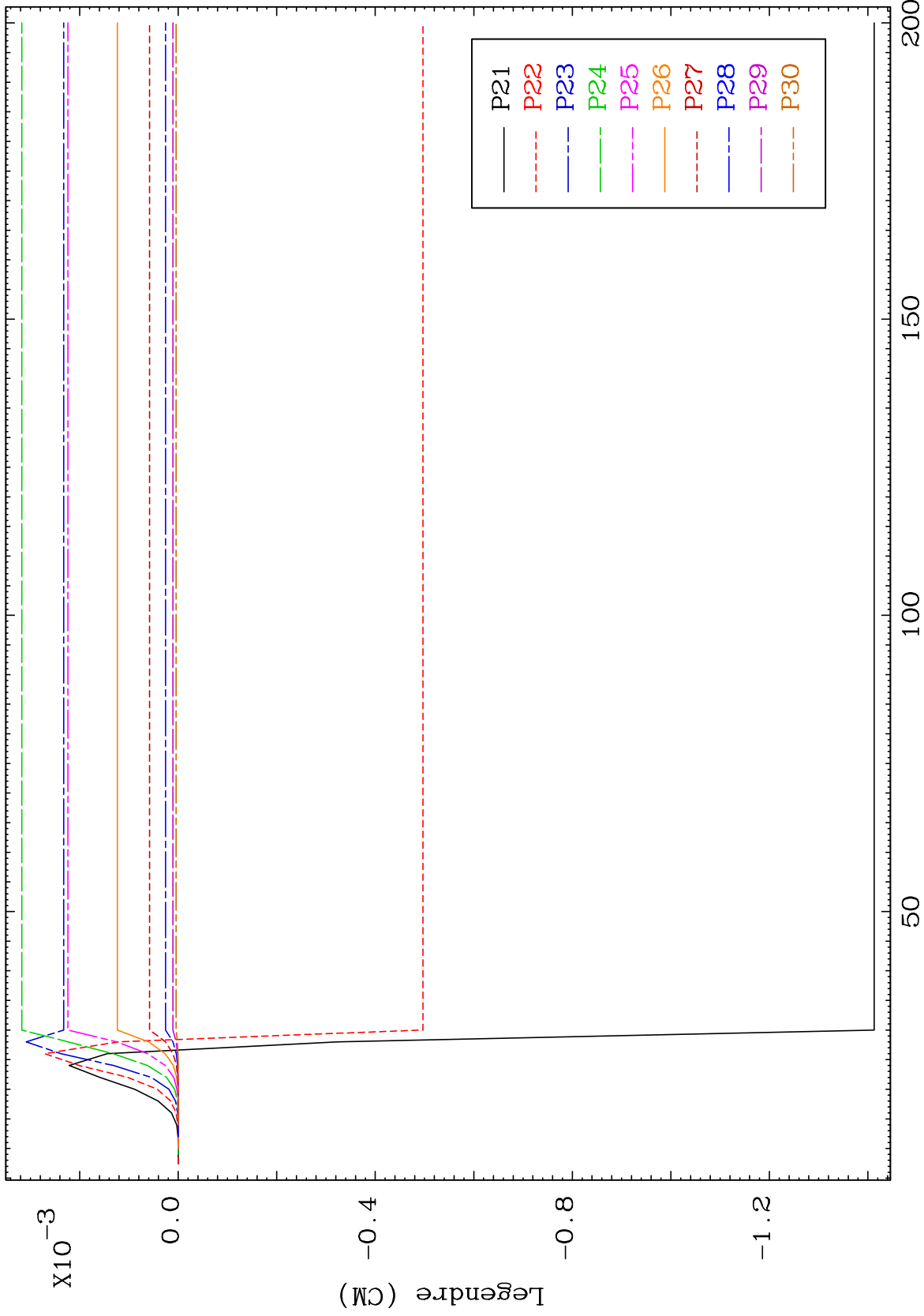
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66-Dy-164

Incident Energy (MeV)

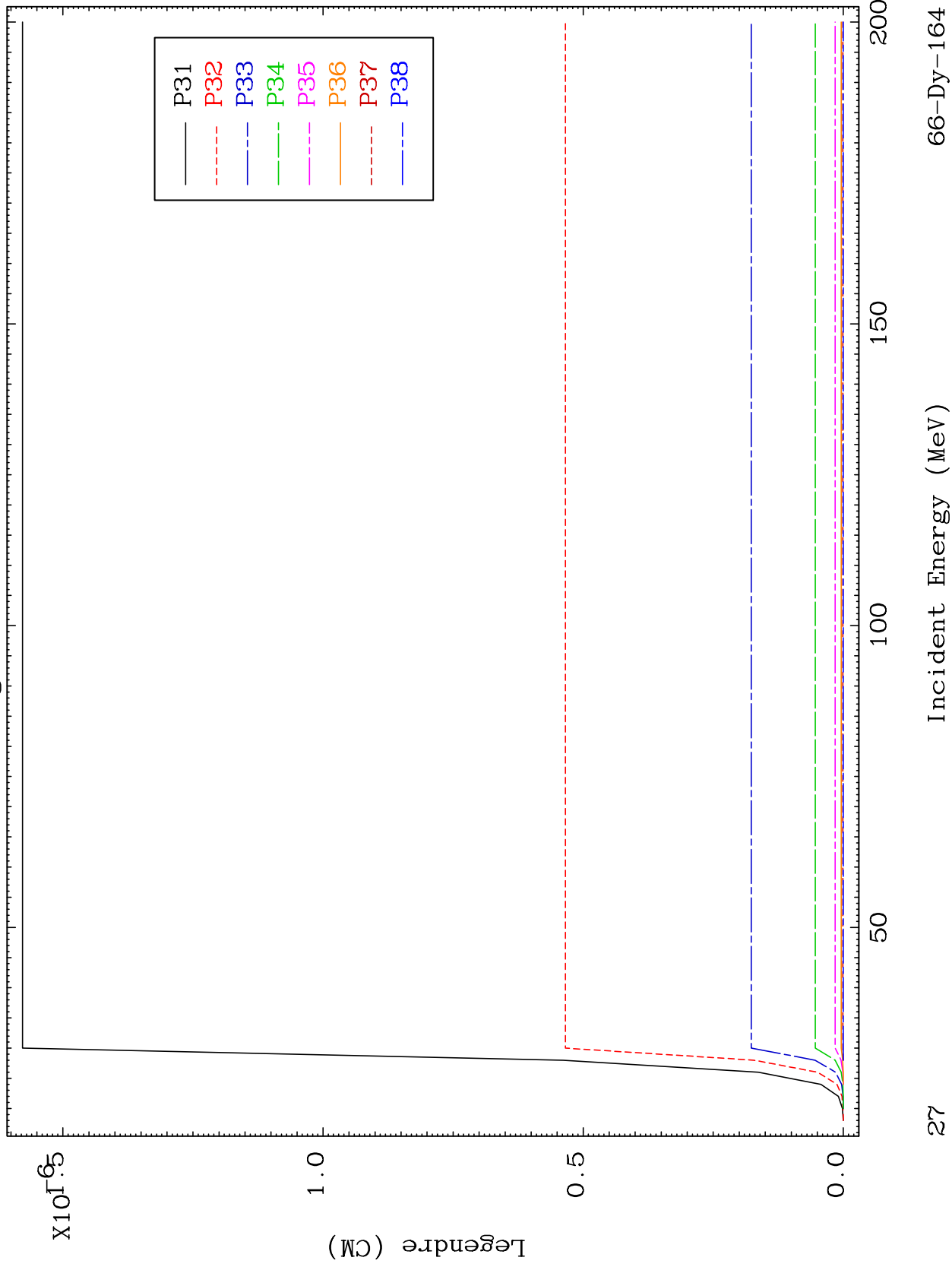
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MAT 6649

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

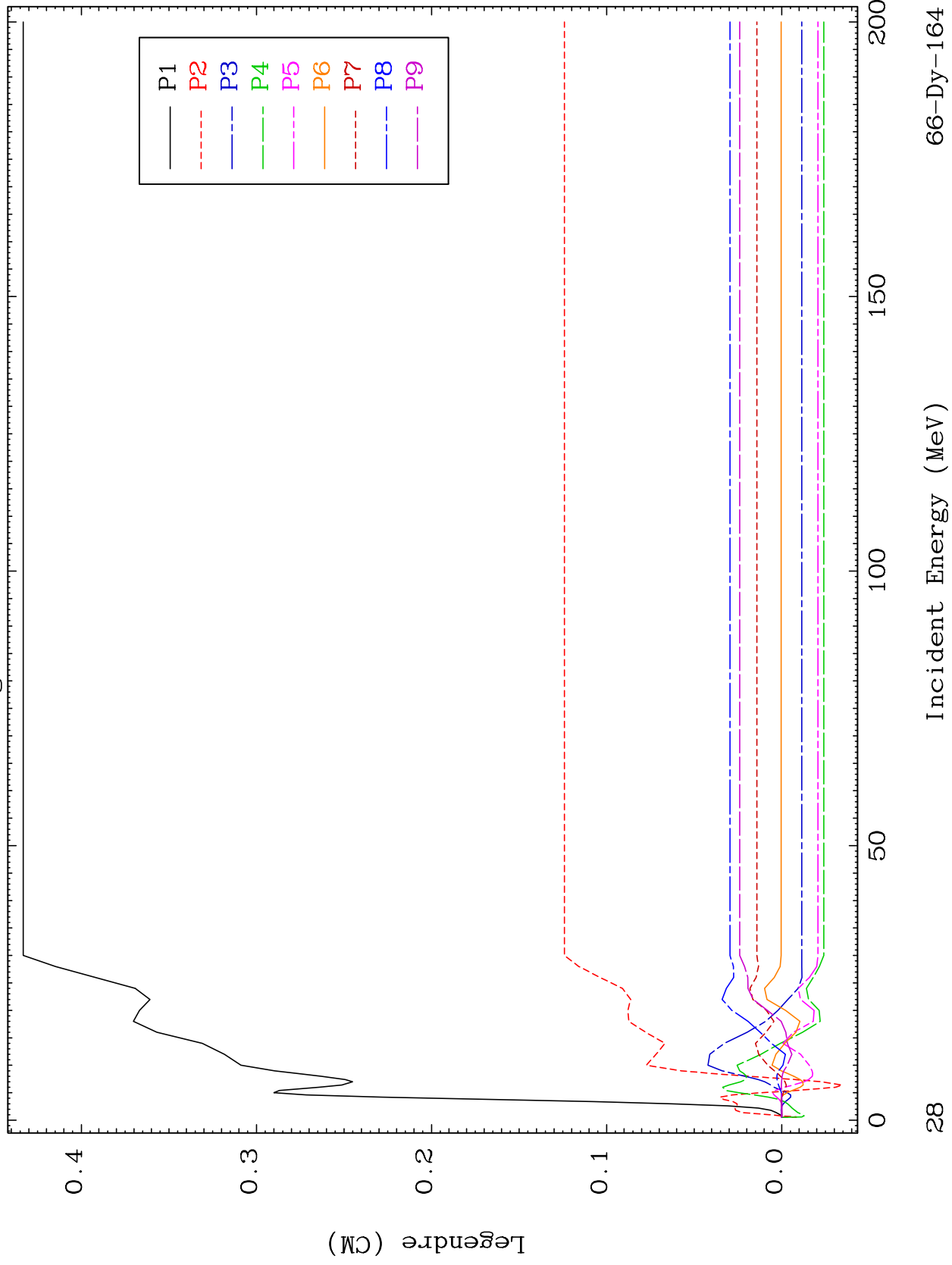
66-Dy-164



MAT 6649

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

66-Dy-164



66-Dy-164

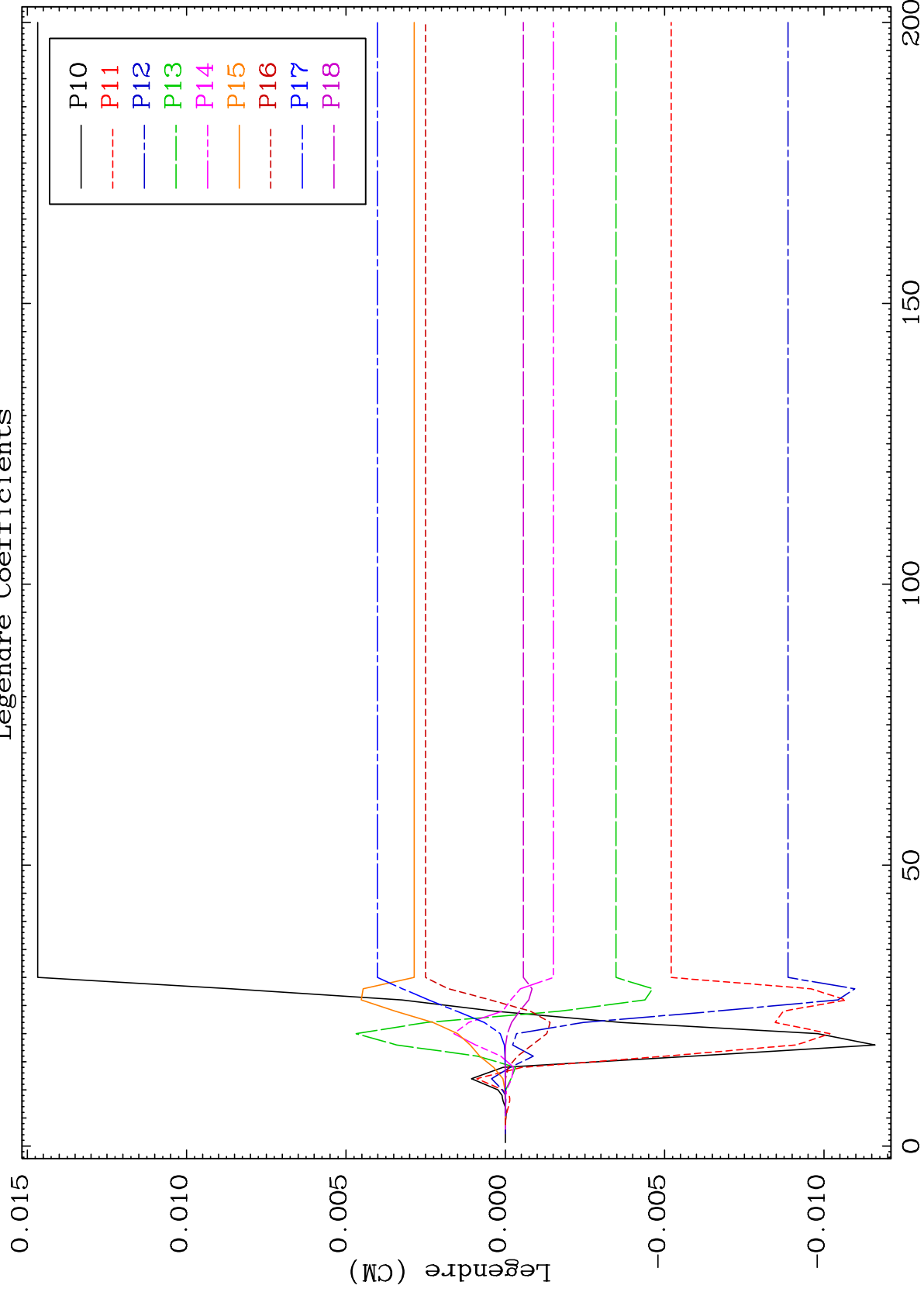
Incident Energy (MeV)

28

MAT 6649

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

66-Dy-164



29

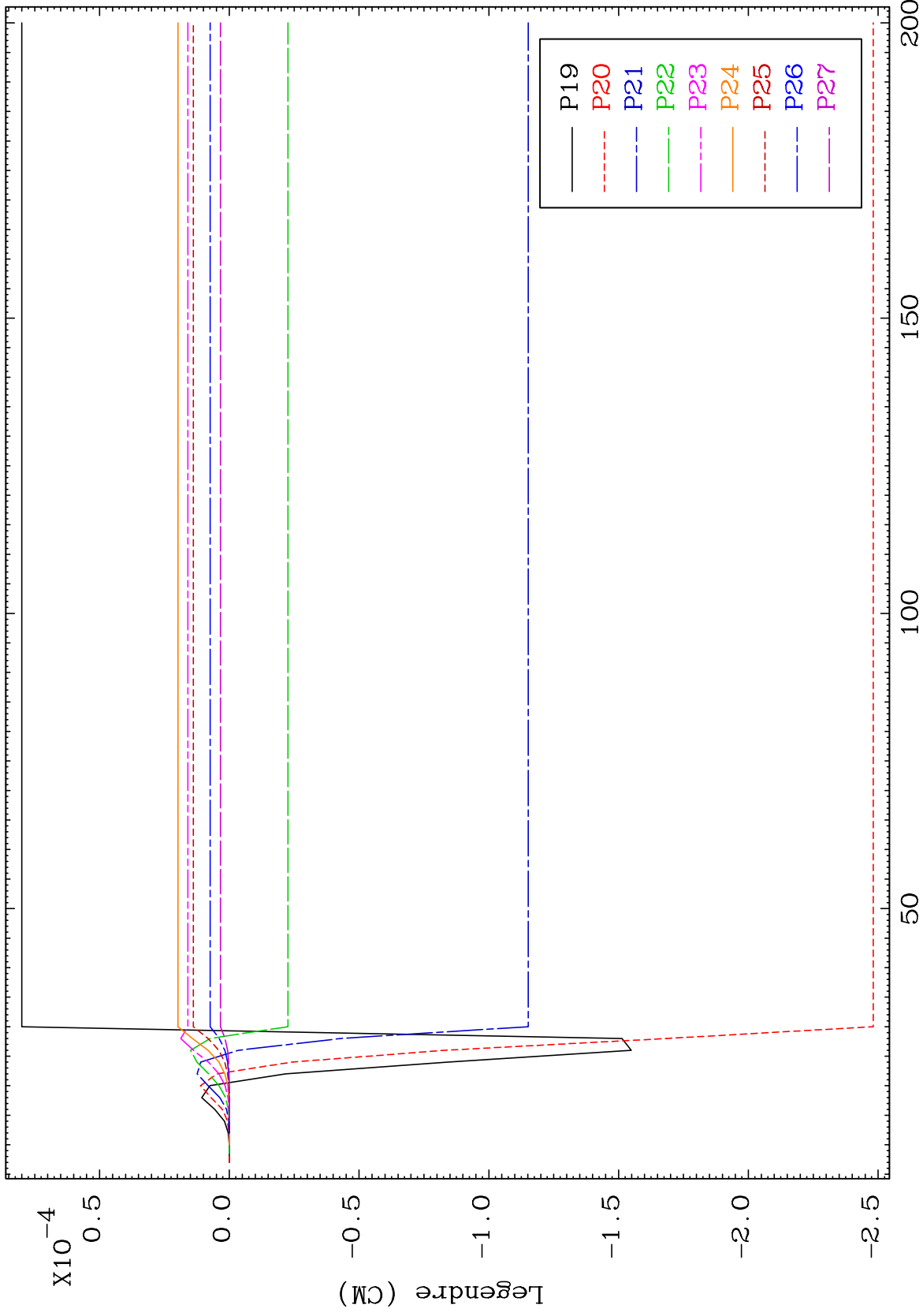
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



30

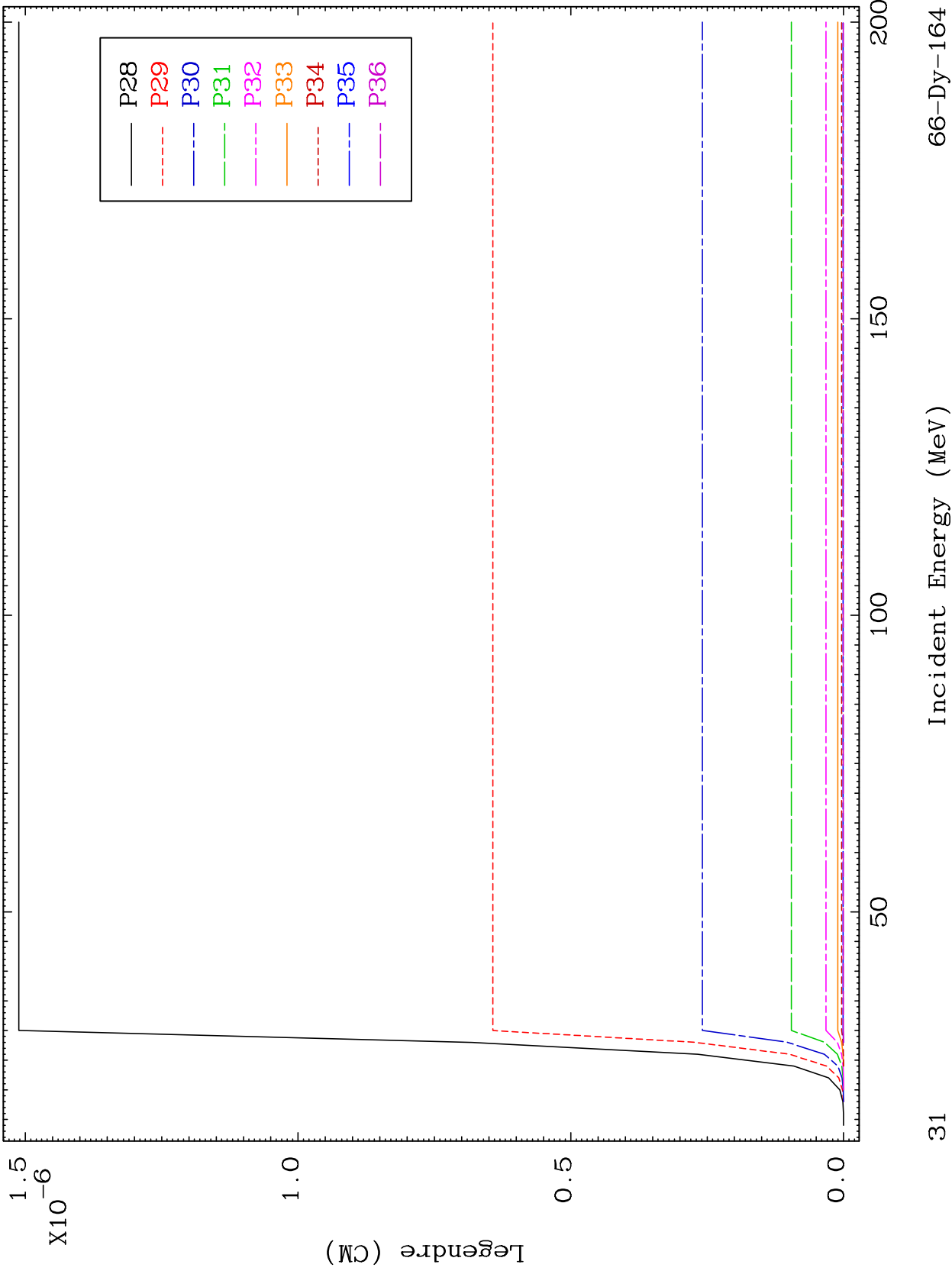
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164

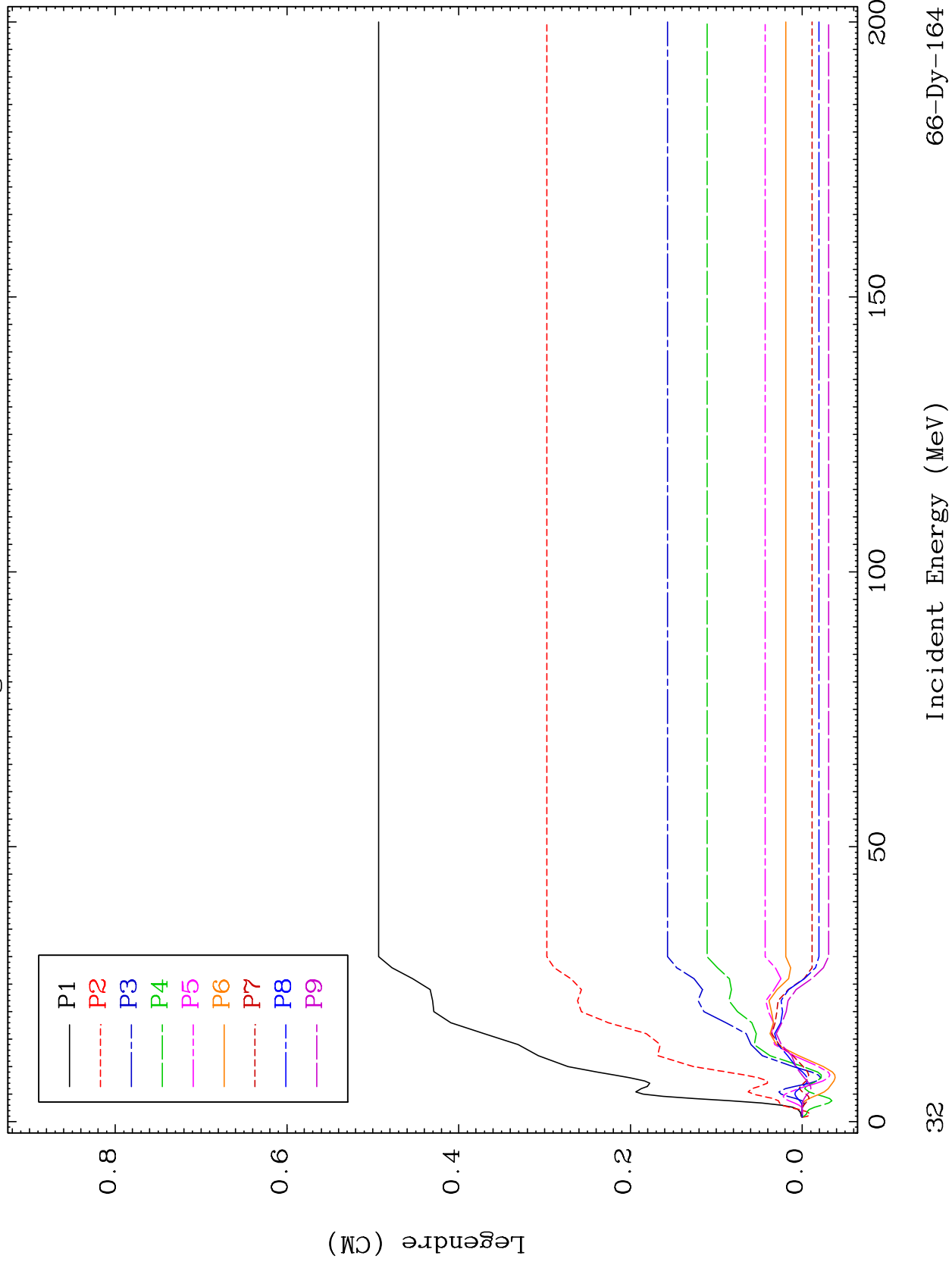




MAT 6649

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

66-Dy-164

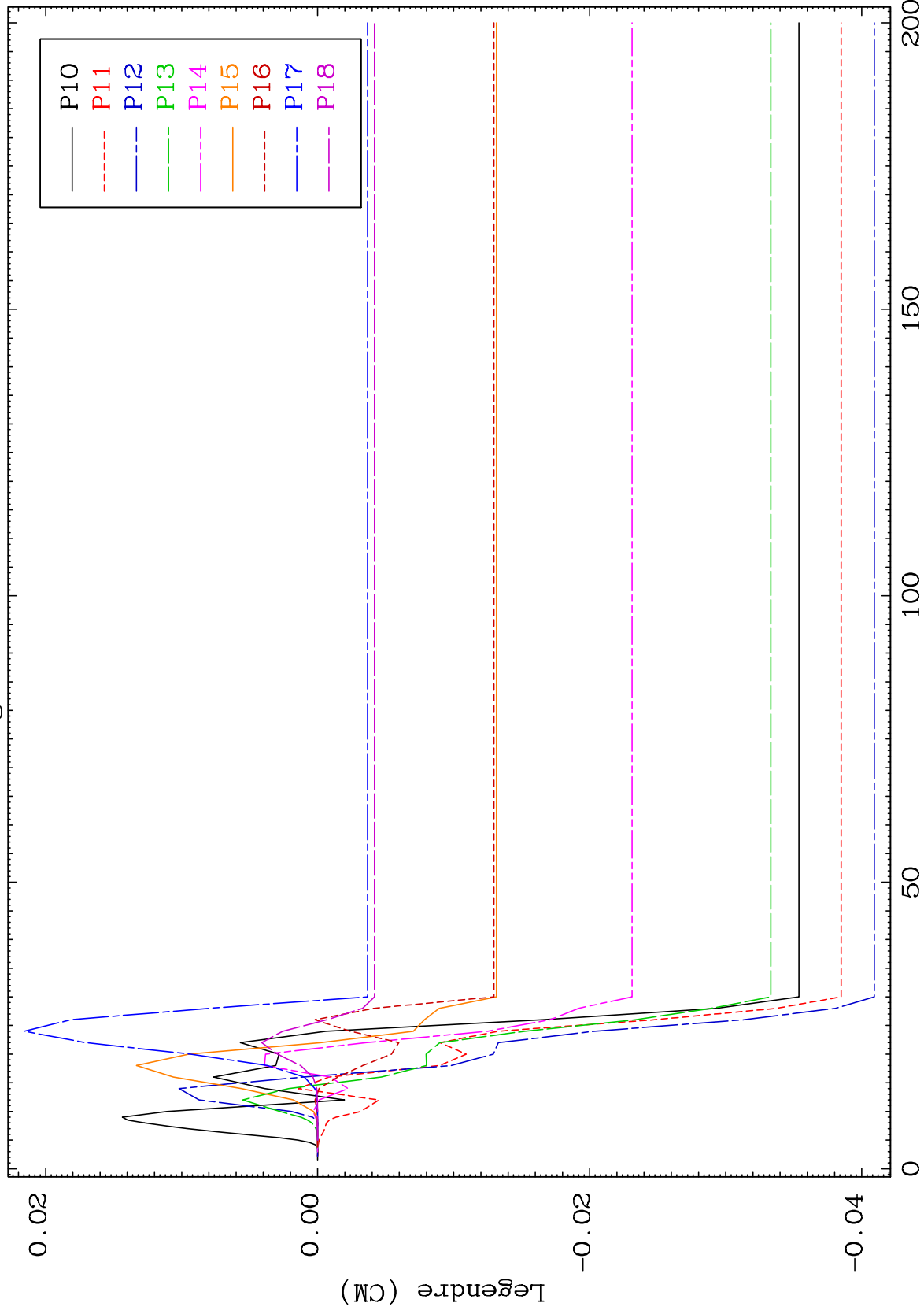


32

MAT 6649

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

66-Dy-164



33

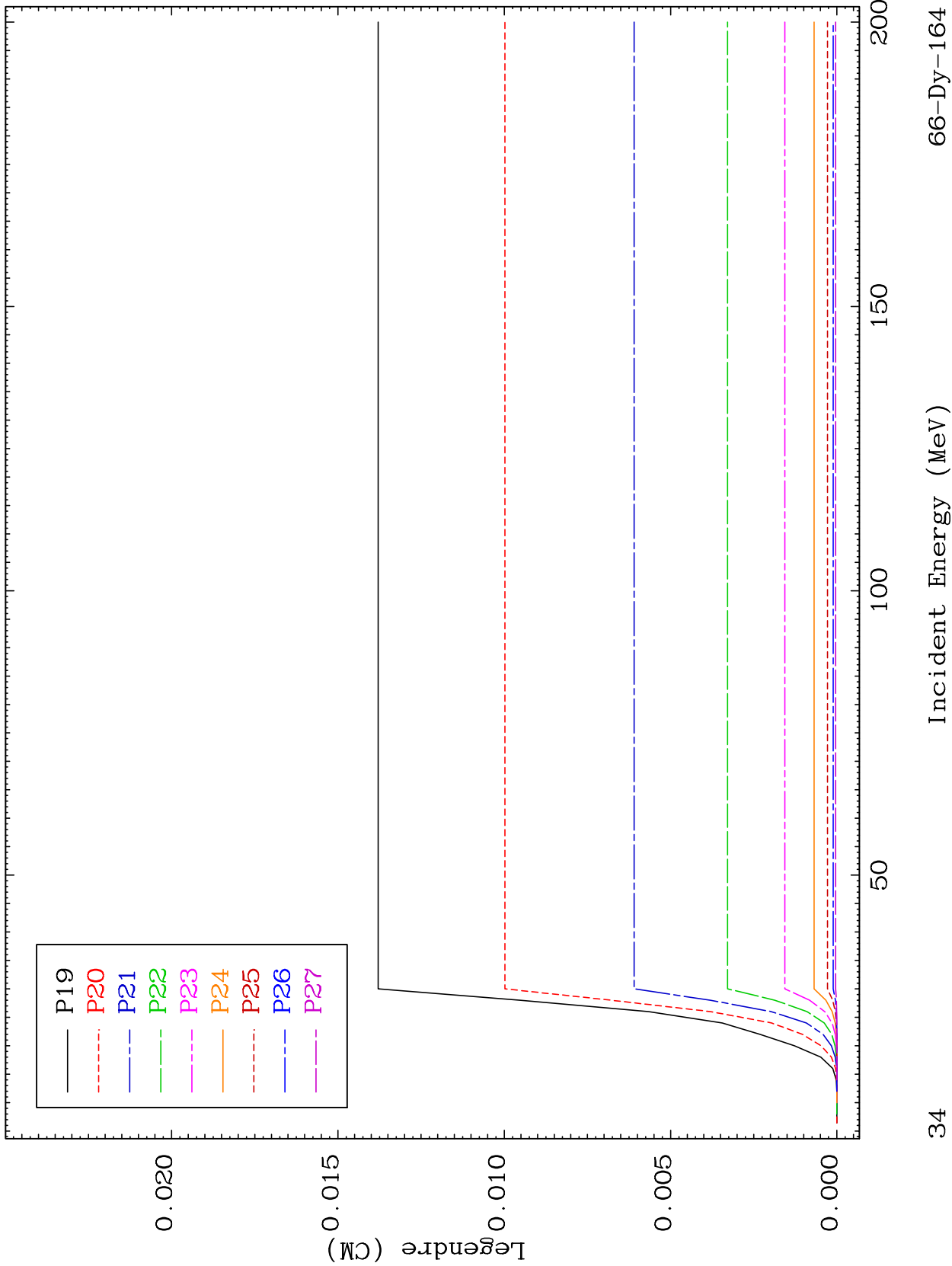
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



34

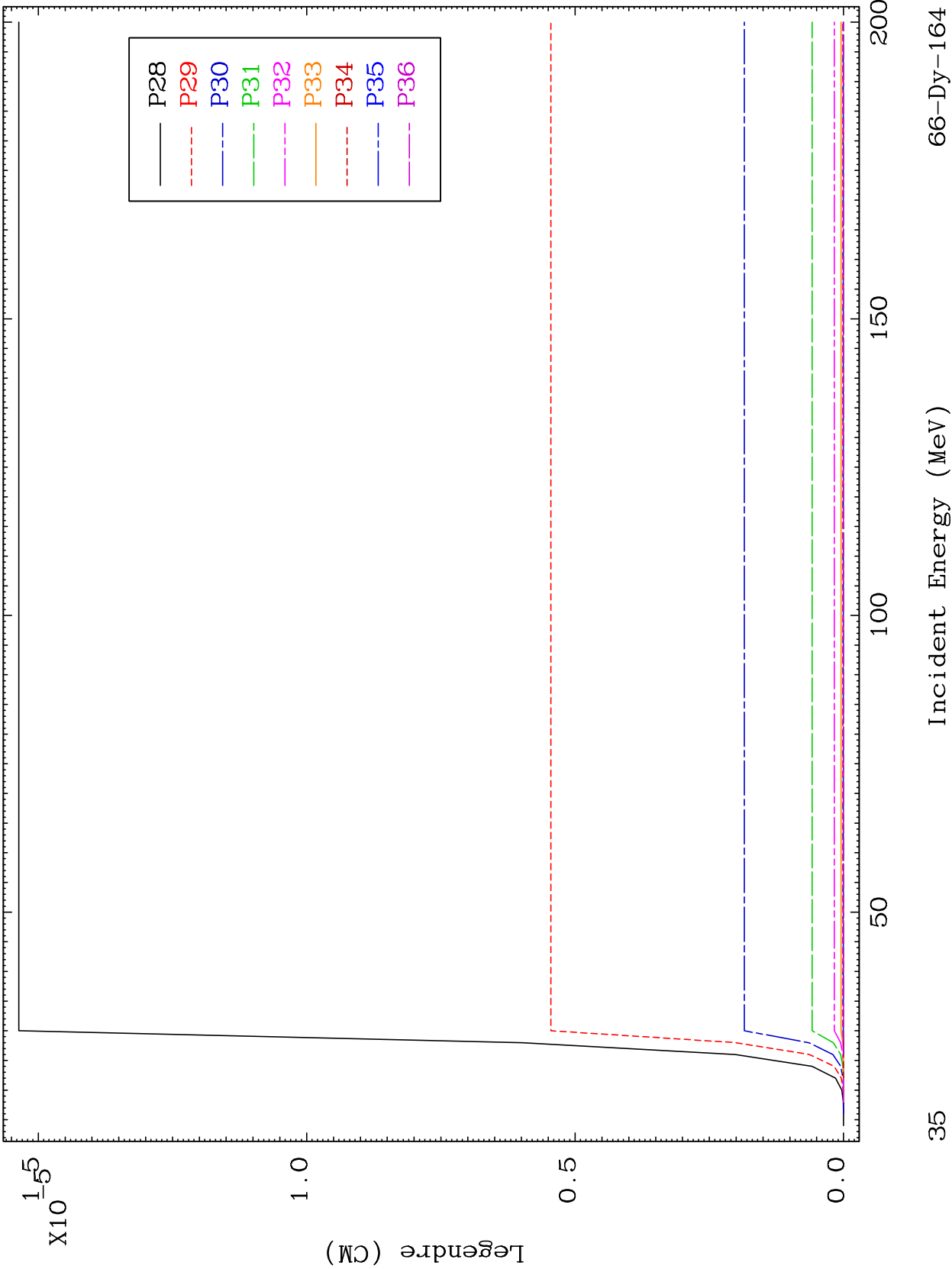
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

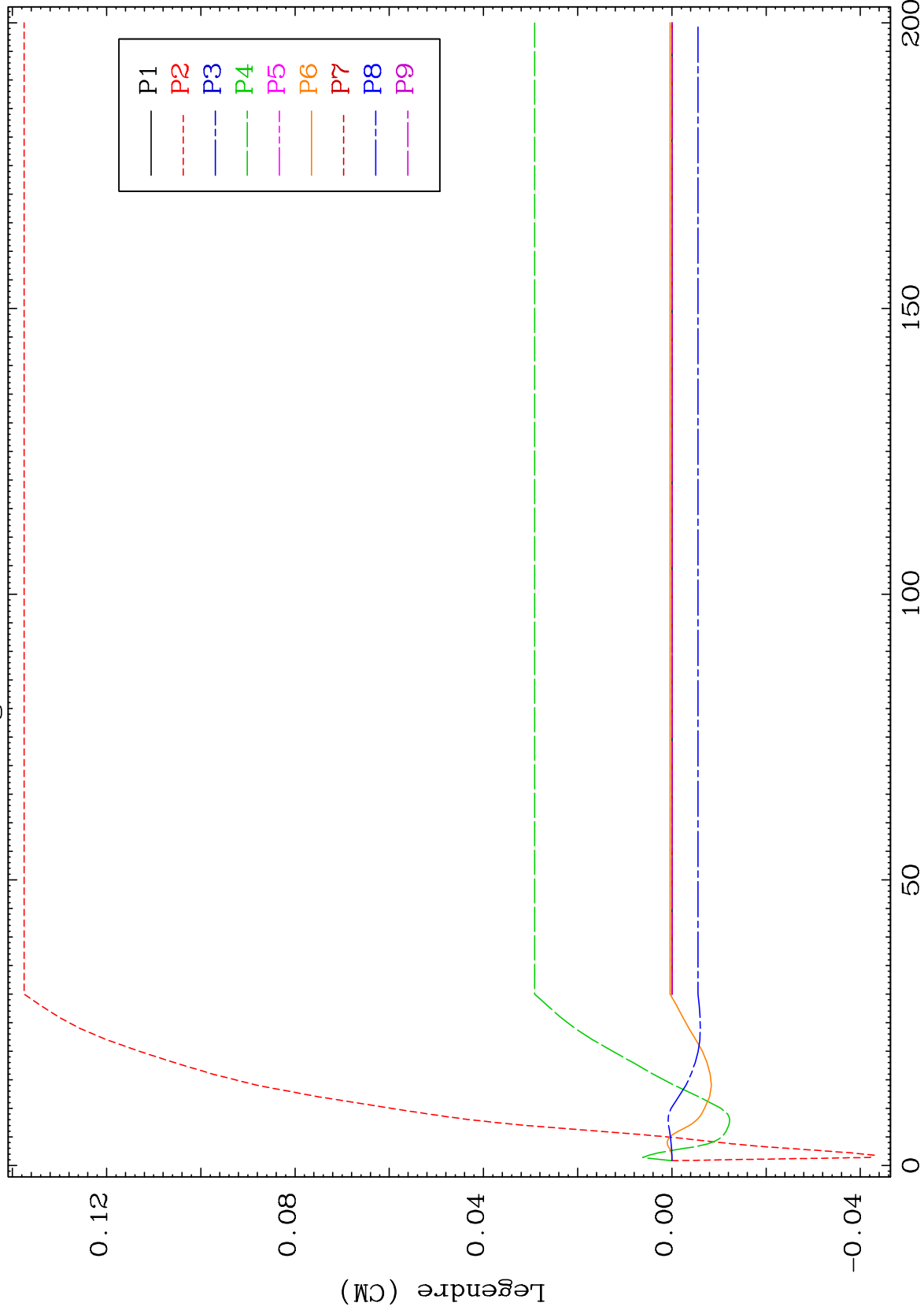
66-Dy-164



MAT 6649

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

66-Dy-164



66-Dy-164

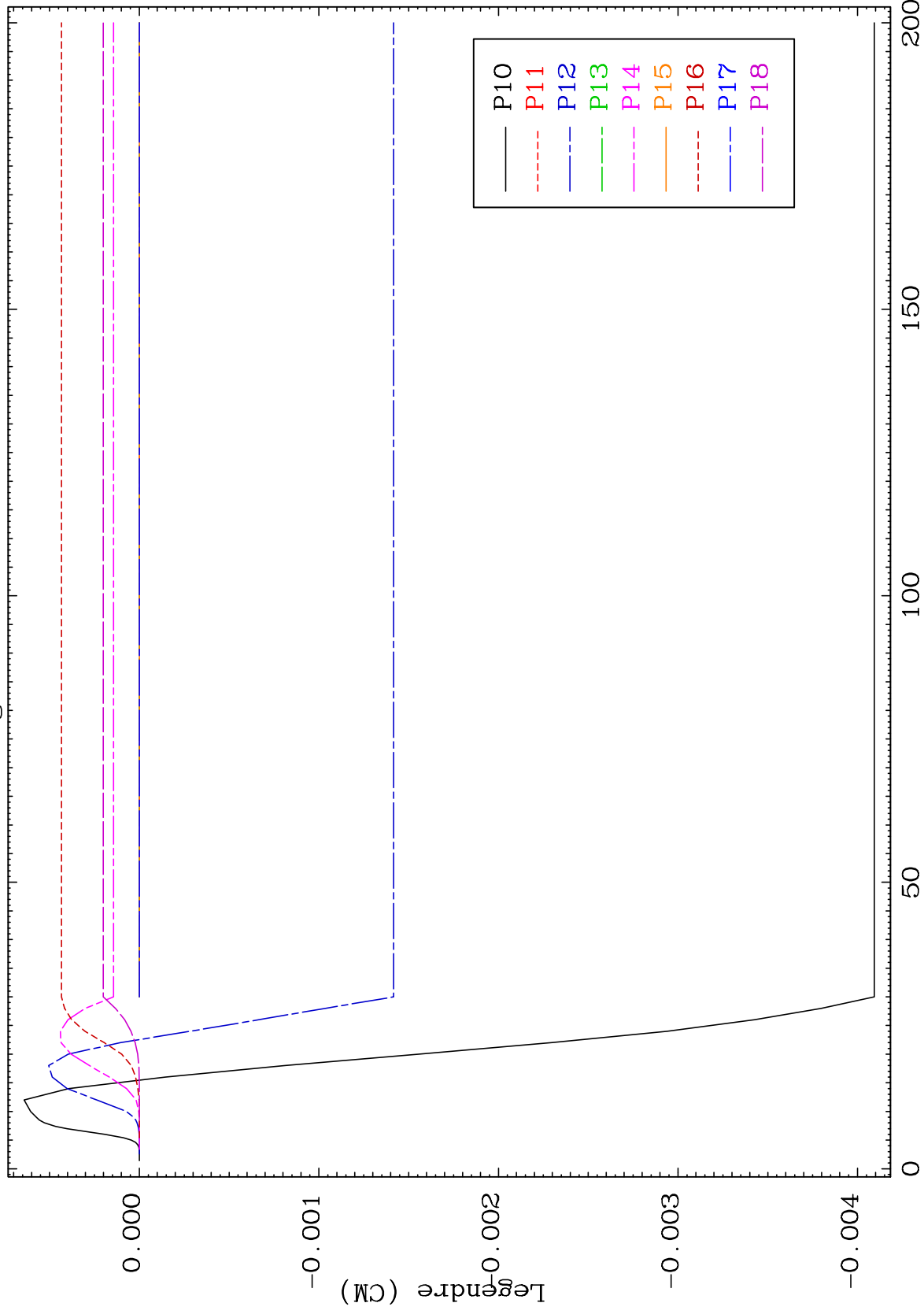
Incident Energy (MeV)

36

MAT 6649

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

66-Dy-164



37

Incident Energy (MeV)

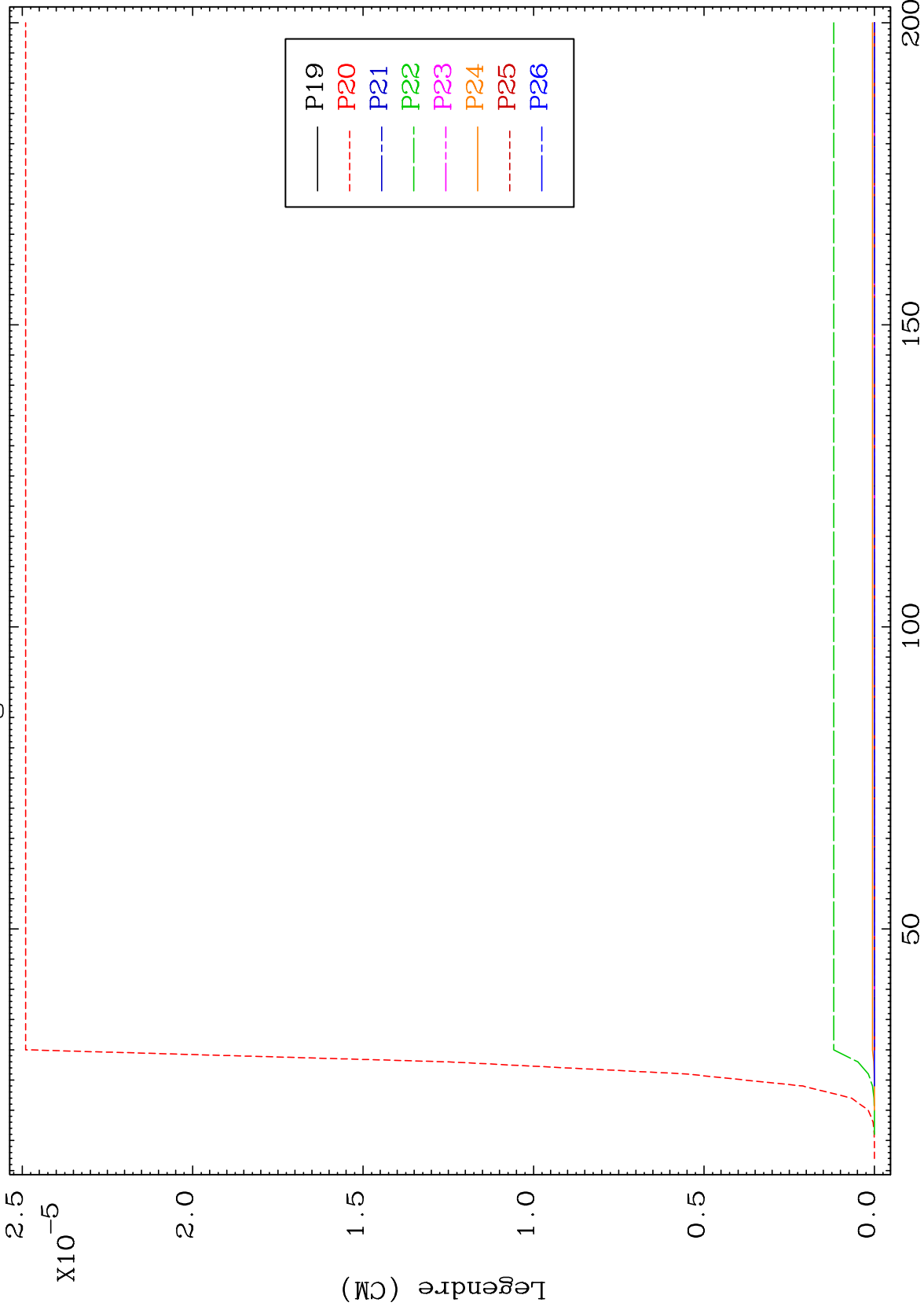
66-Dy-164

MAT 6649

MT= 55 (n,n') Level

66-Dy-164

Legendre Coefficients



66-Dy-164

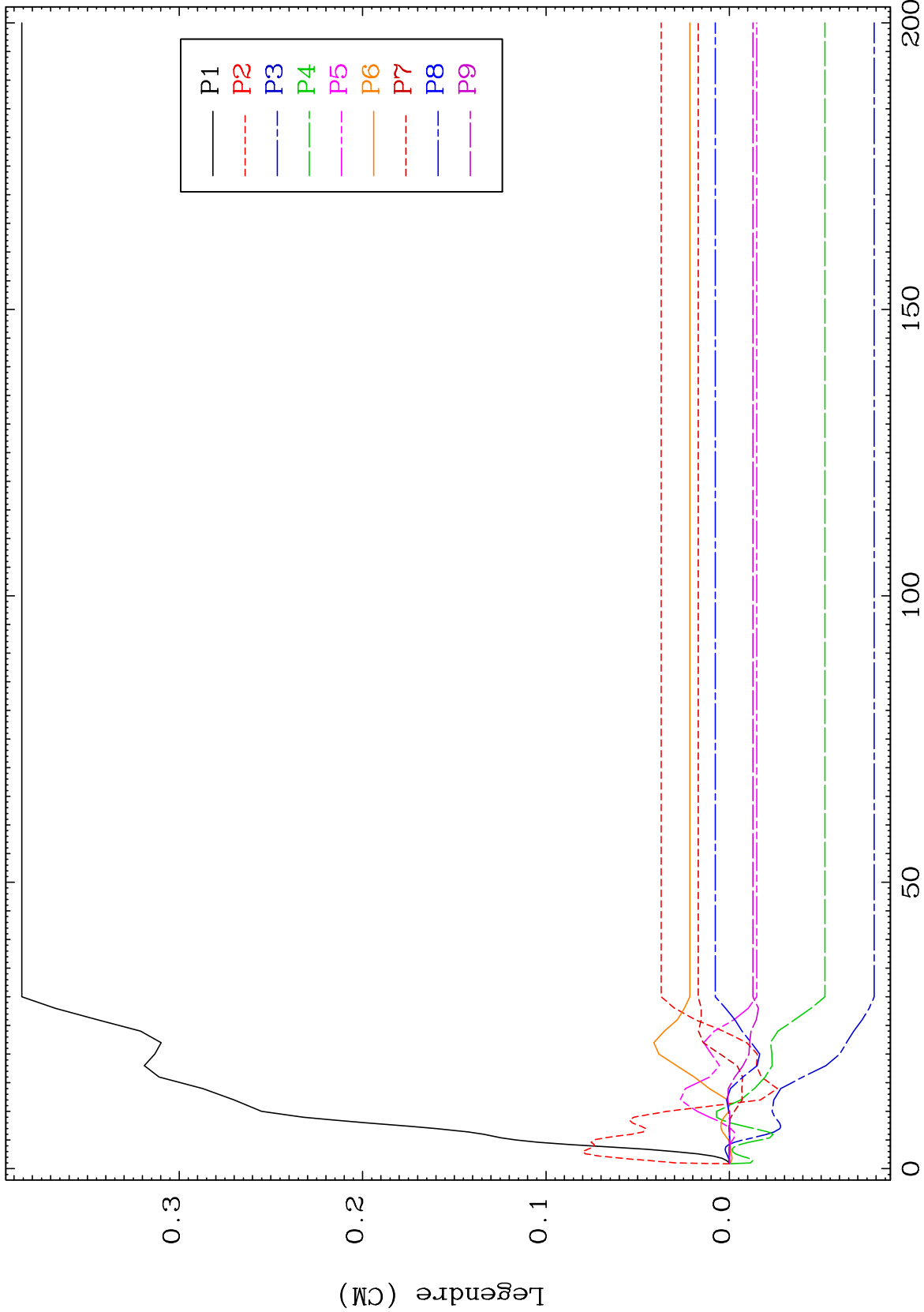
Incident Energy (MeV)

38

MAT 6649

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

66-Dy-164



39

Incident Energy (MeV)

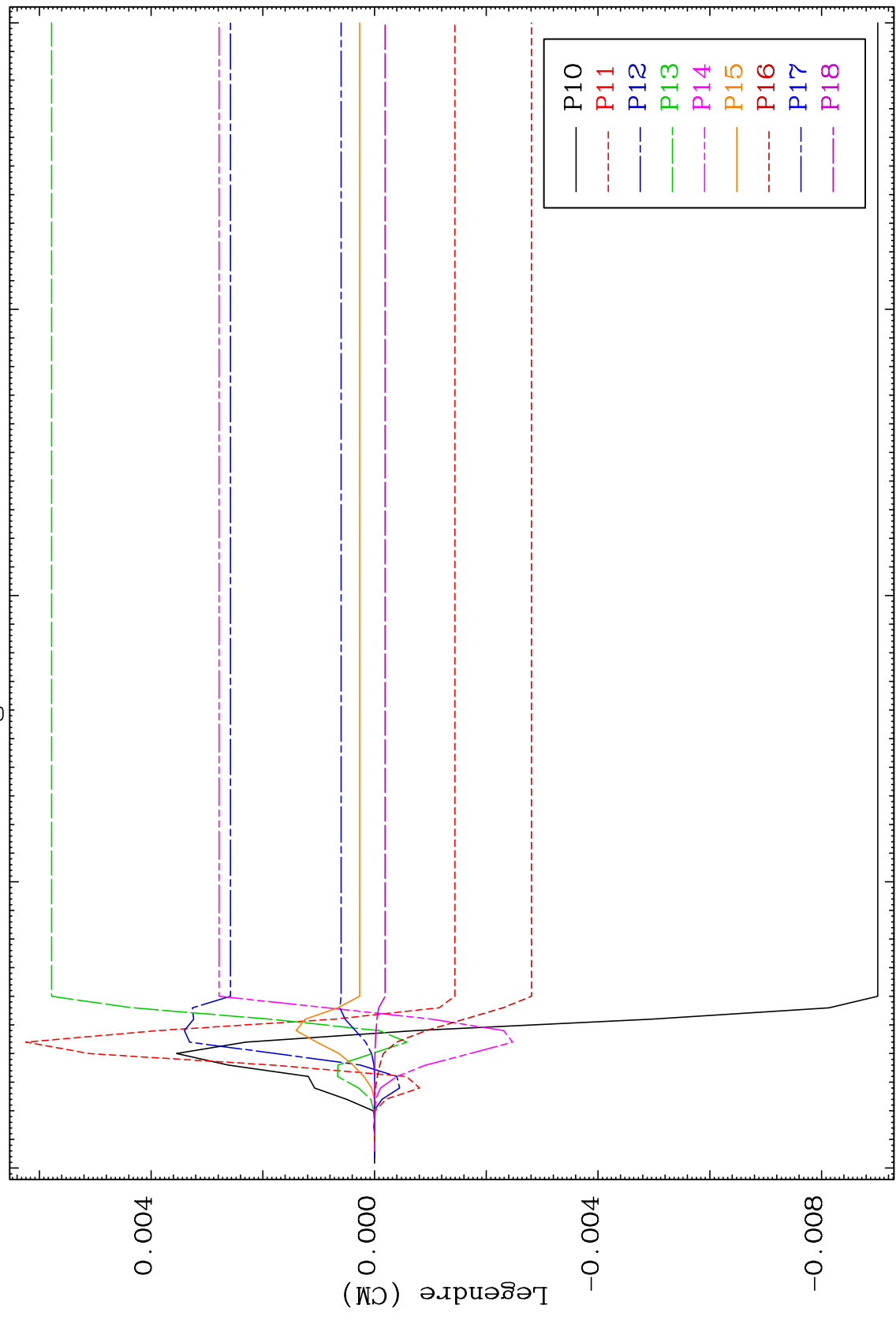
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MAT 6649

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

66-Dy-164



66-Dy-164

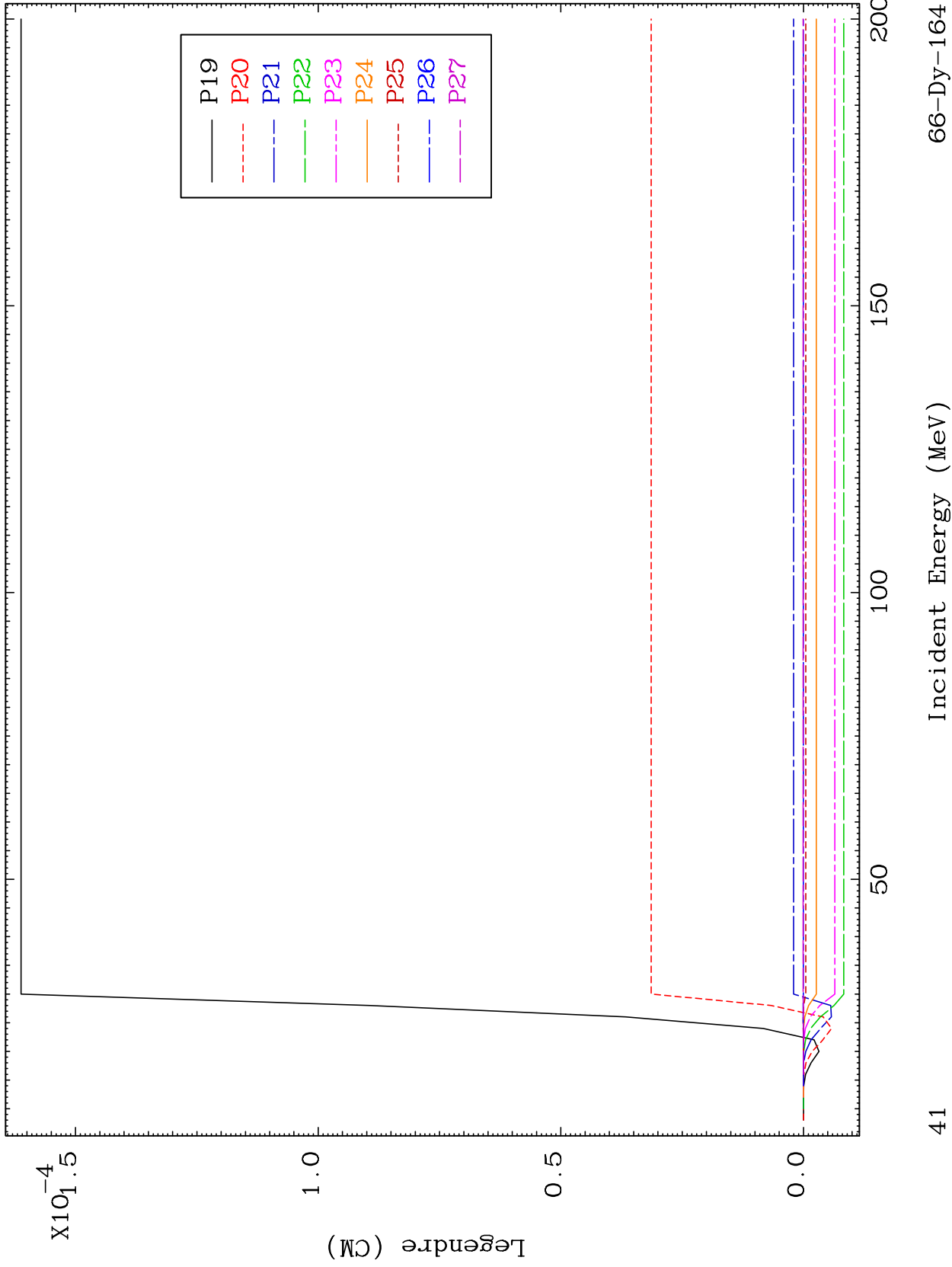
Incident Energy (MeV)

40

MAT 6649

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

66-Dy-164



41

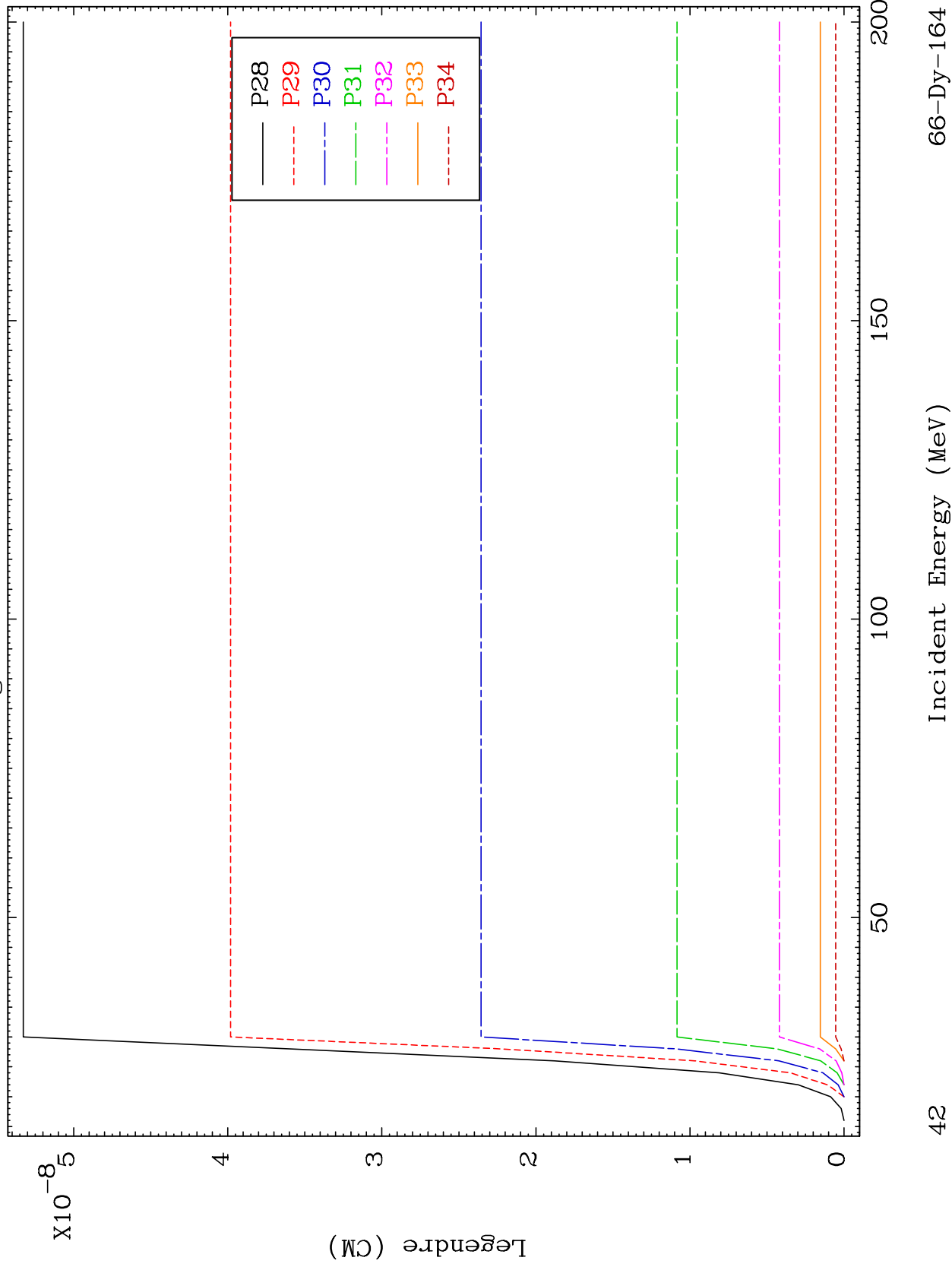
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

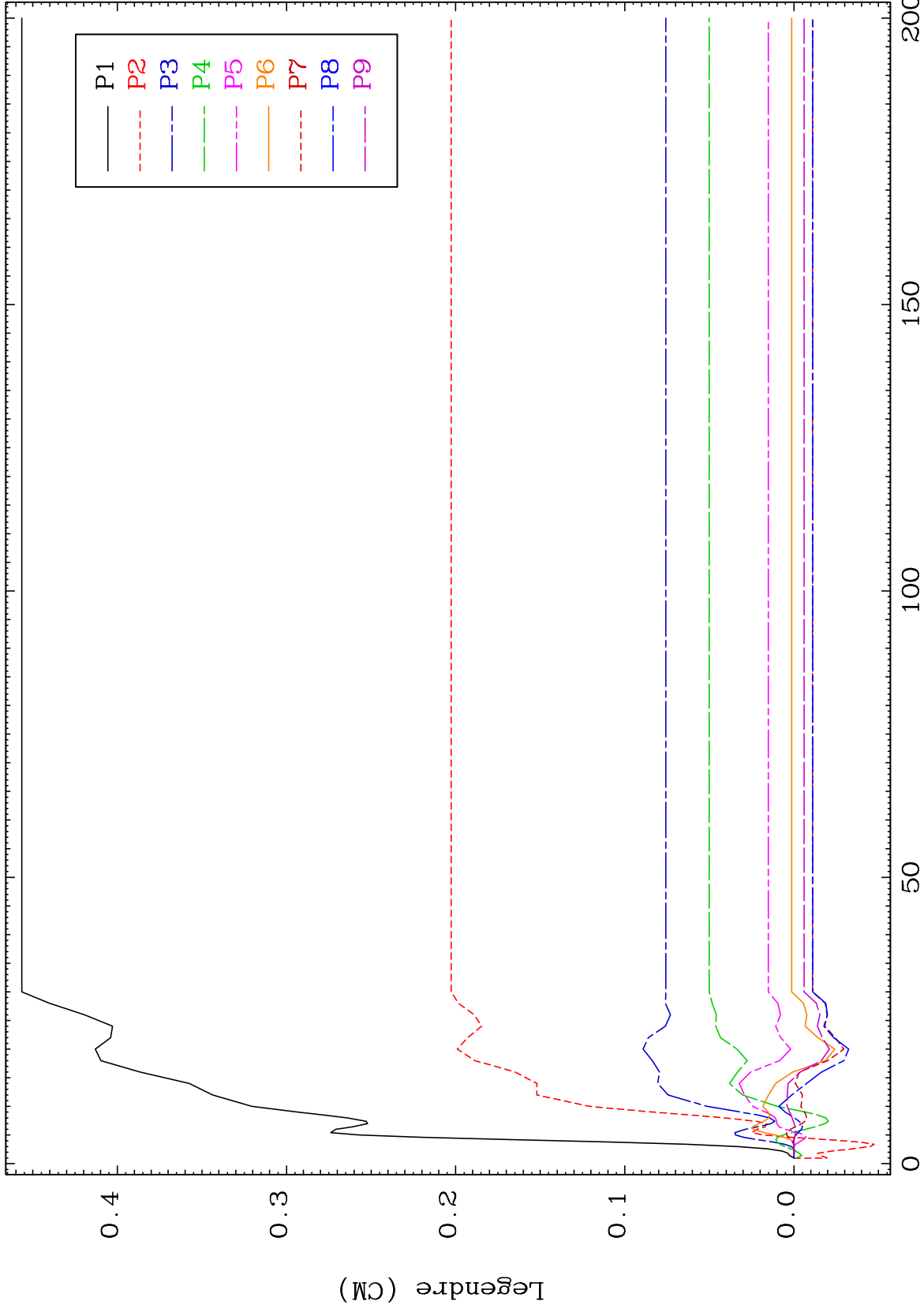
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MAT 6649

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

66-Dy-164



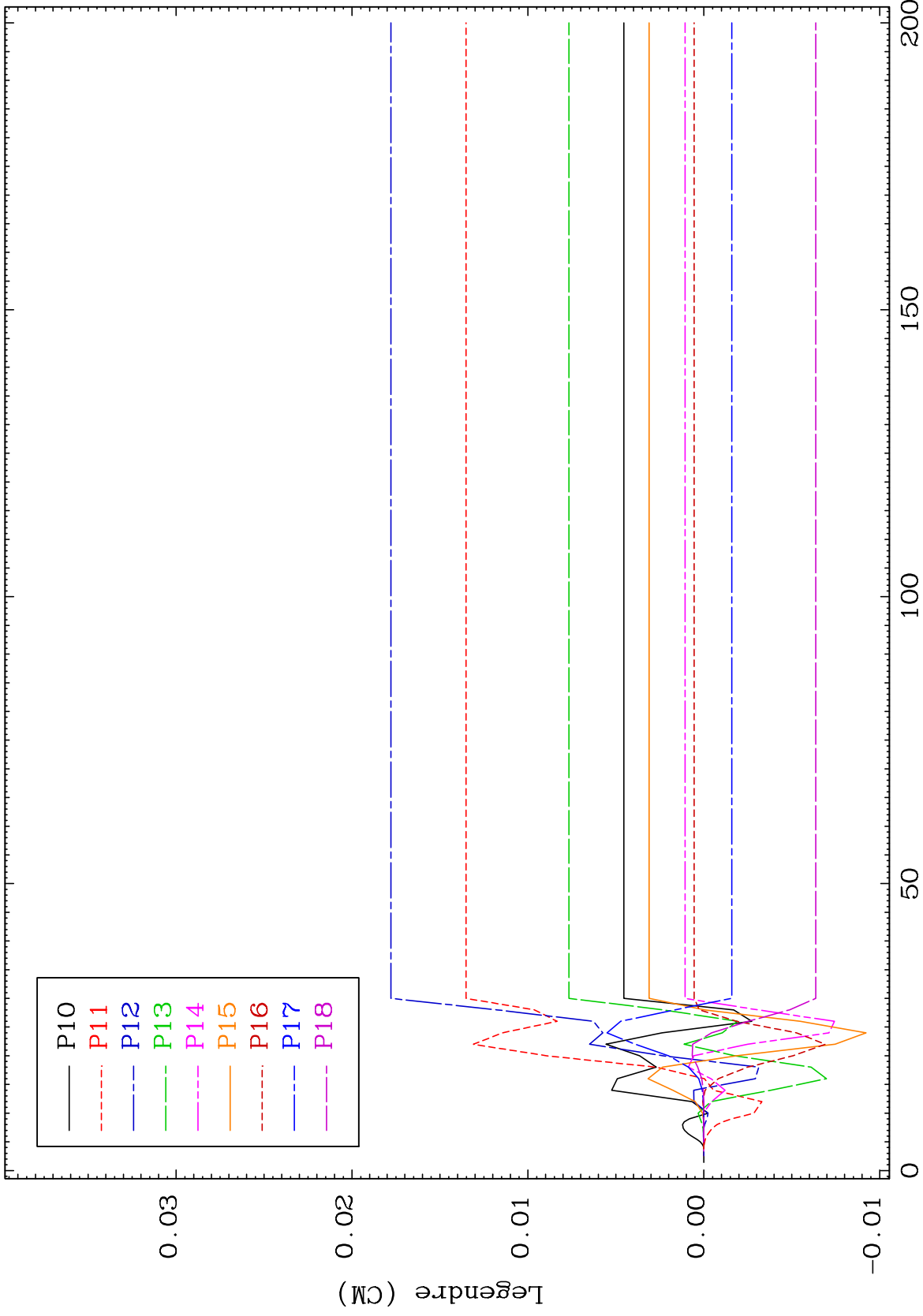
43

66-Dy-164

MAT 6649

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

66-Dy-164



44

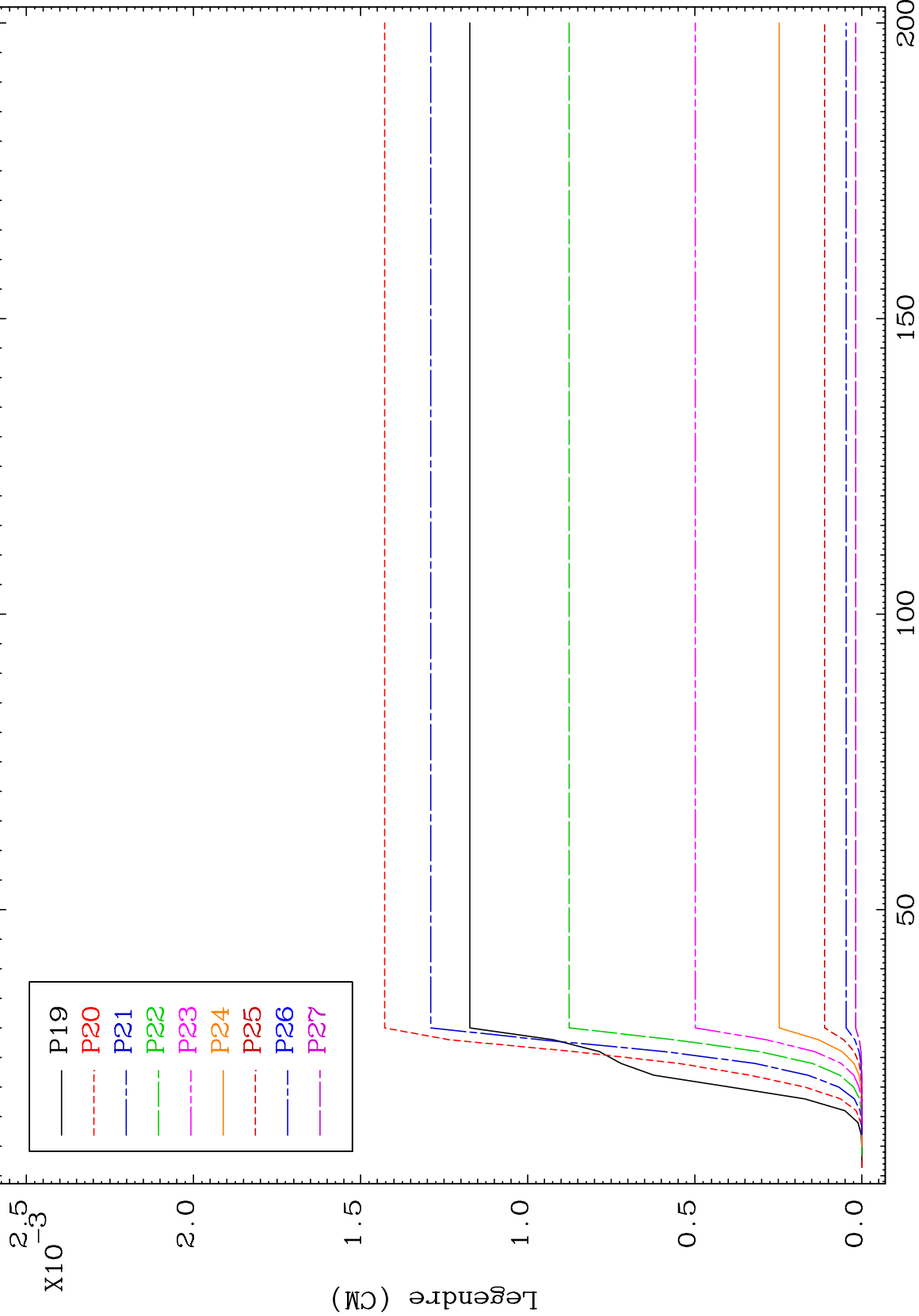
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



45

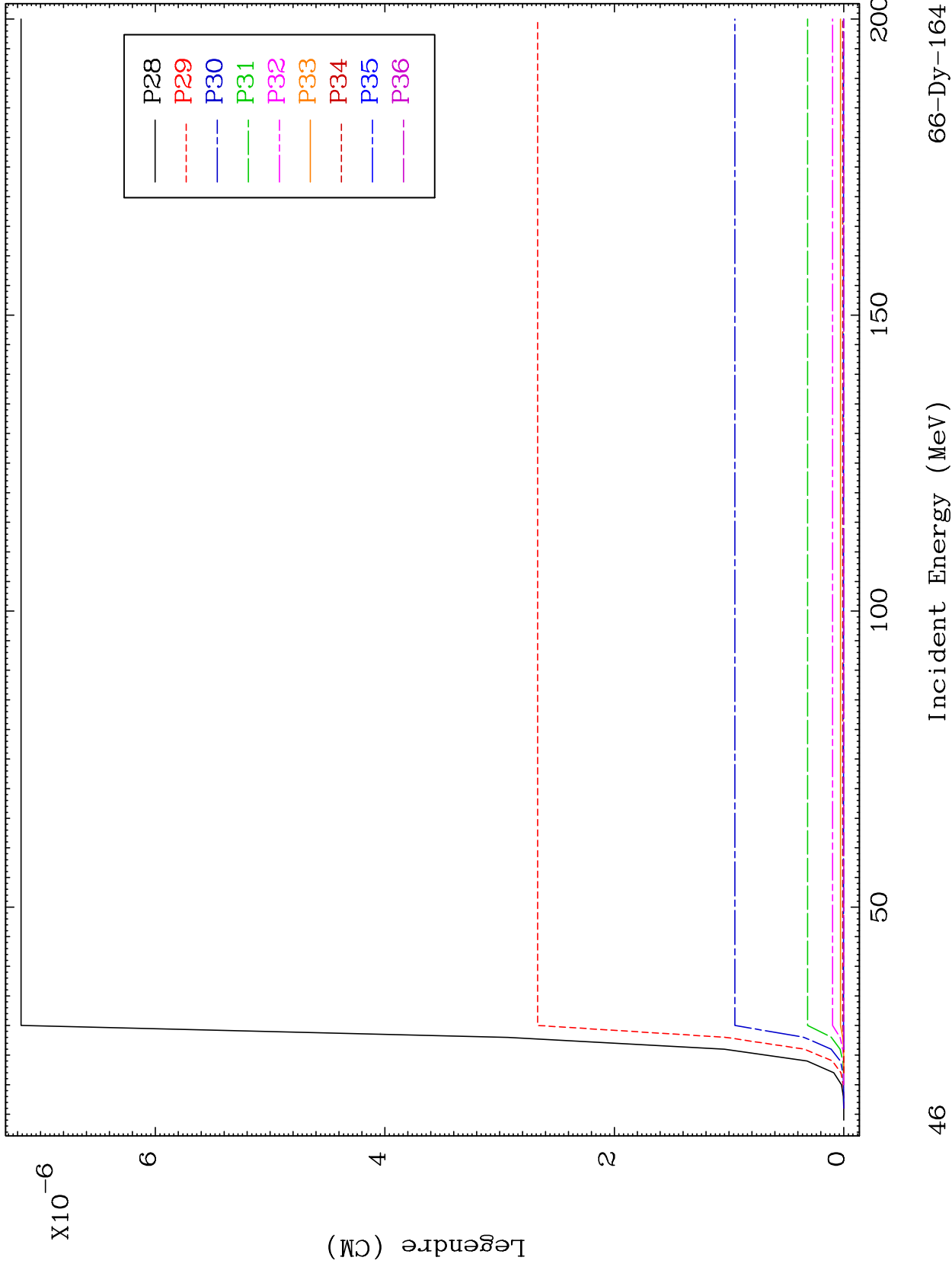
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

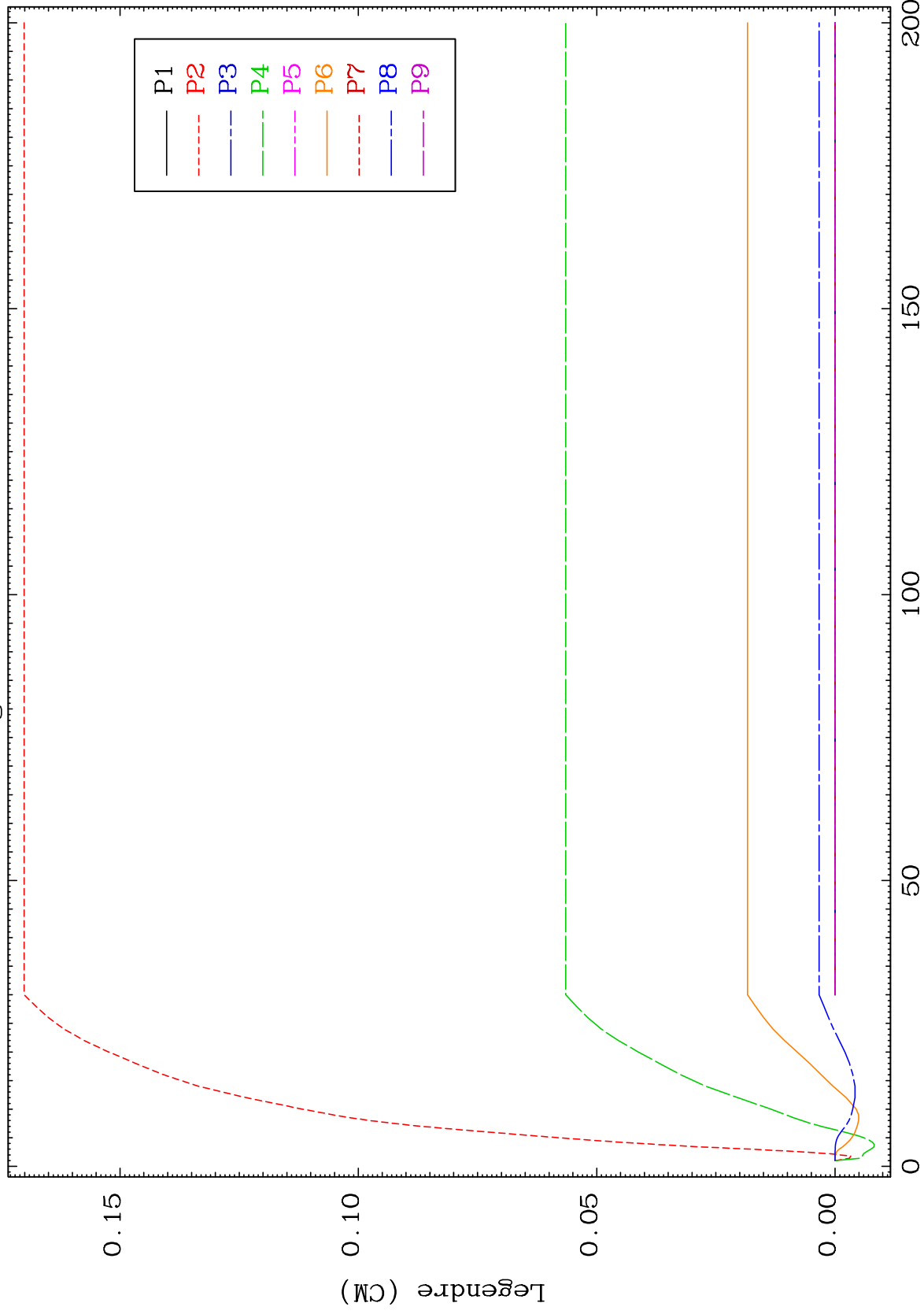
66-Dy-164



MAT 6649

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

66-Dy-164



47

Incident Energy (MeV)

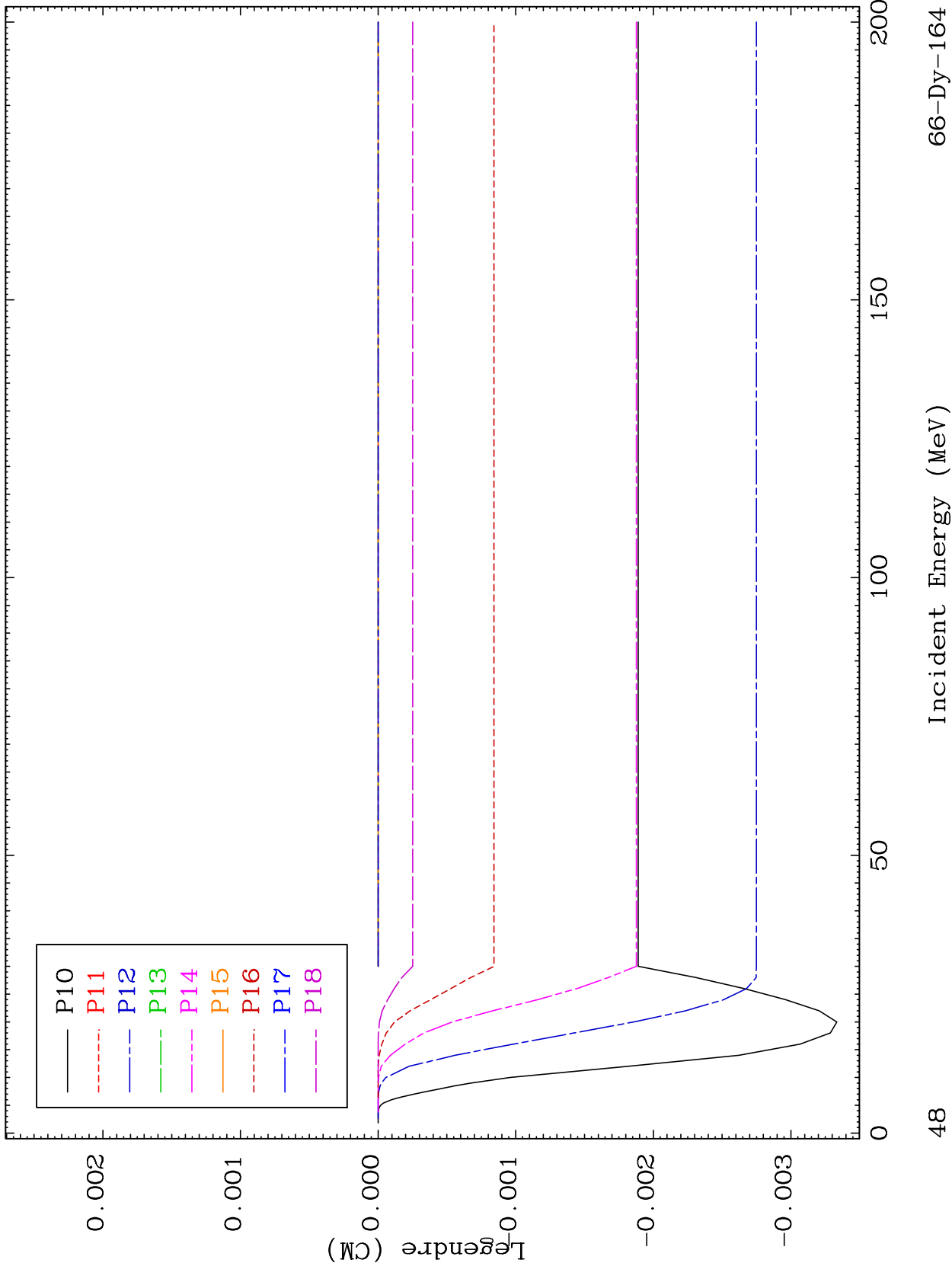
66-Dy-164



MAT 6649

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

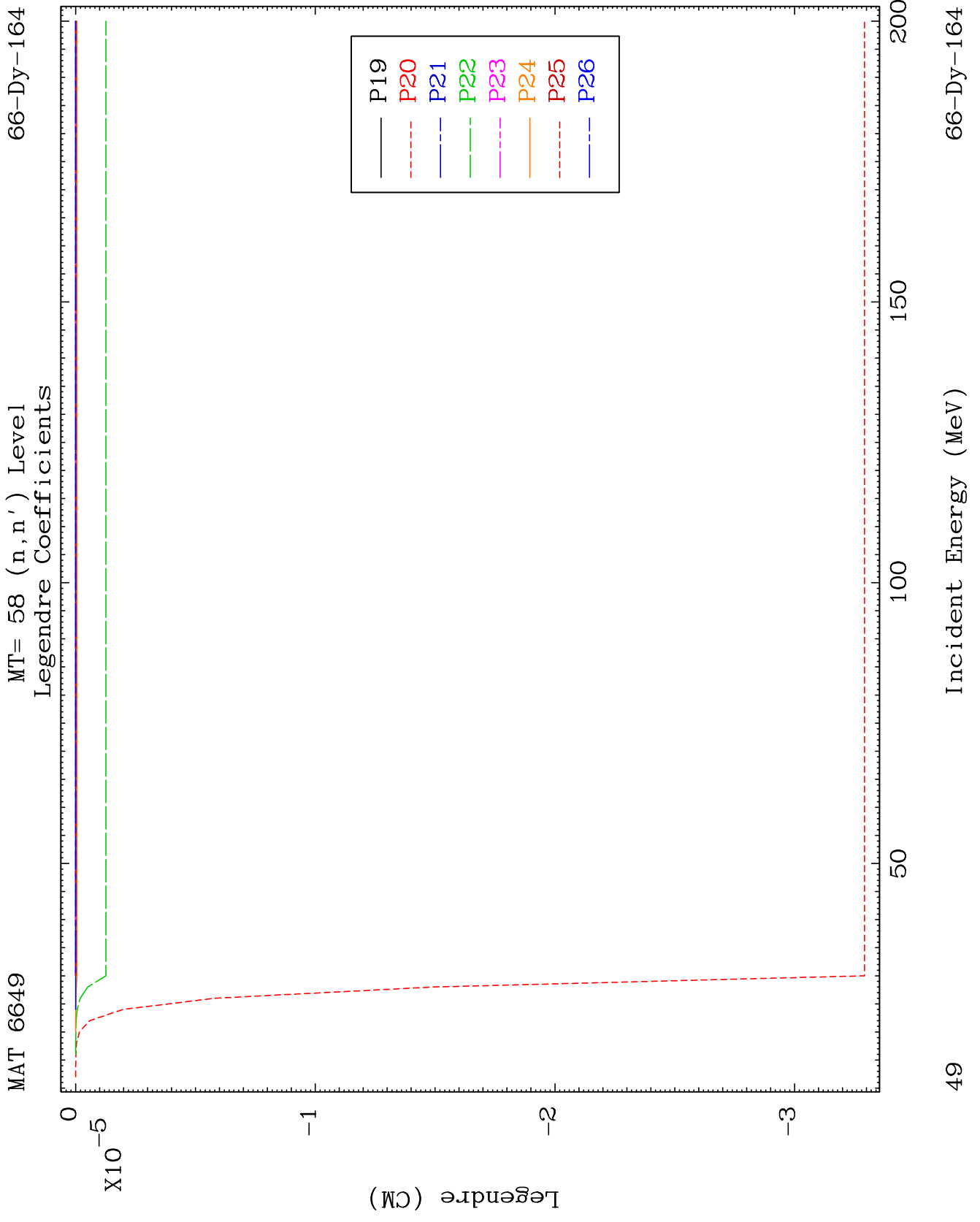
66-Dy-164



48

Incident Energy (MeV)

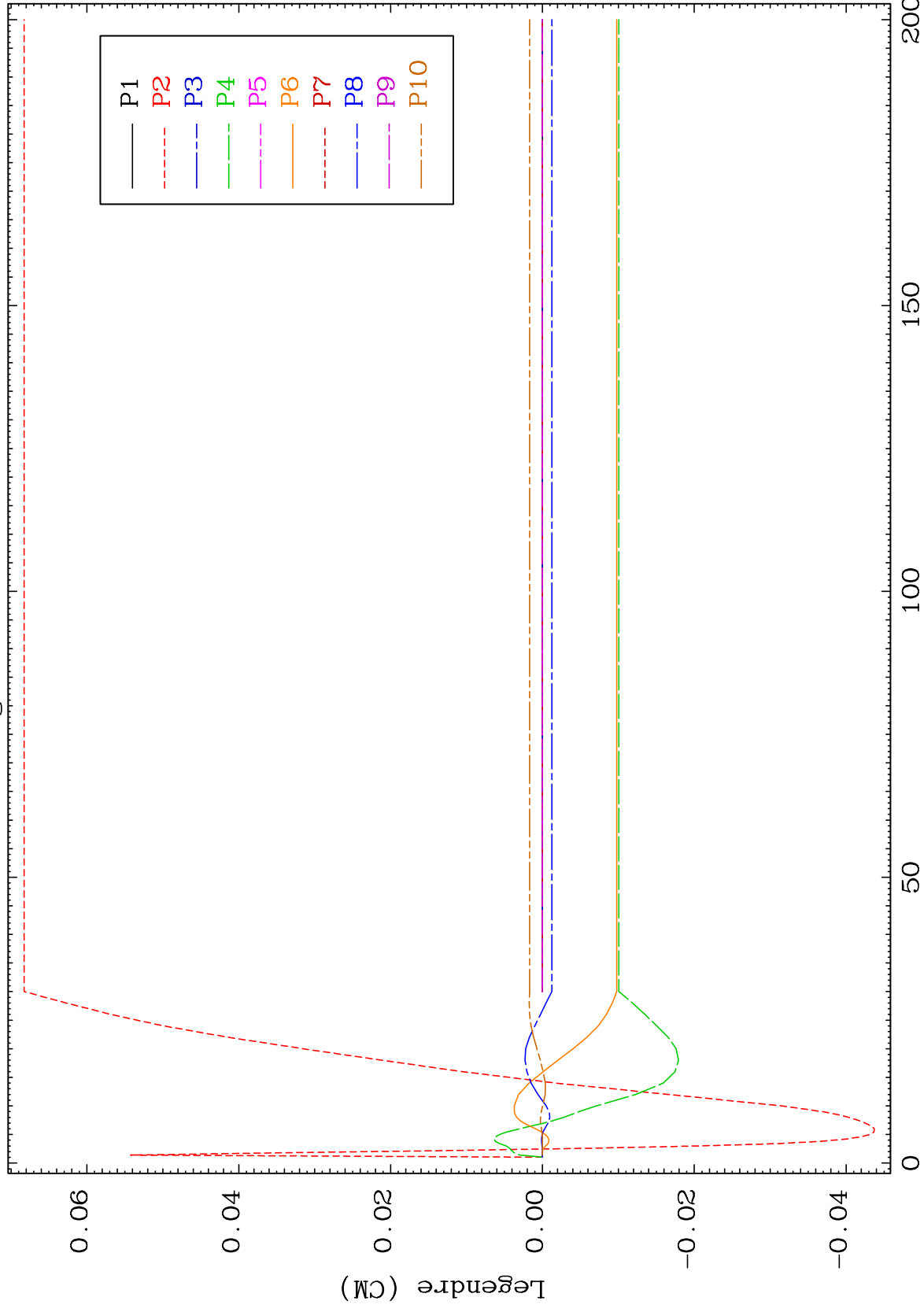
66-Dy-164



MAT 6649

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

66-Dy-164



66-Dy-164

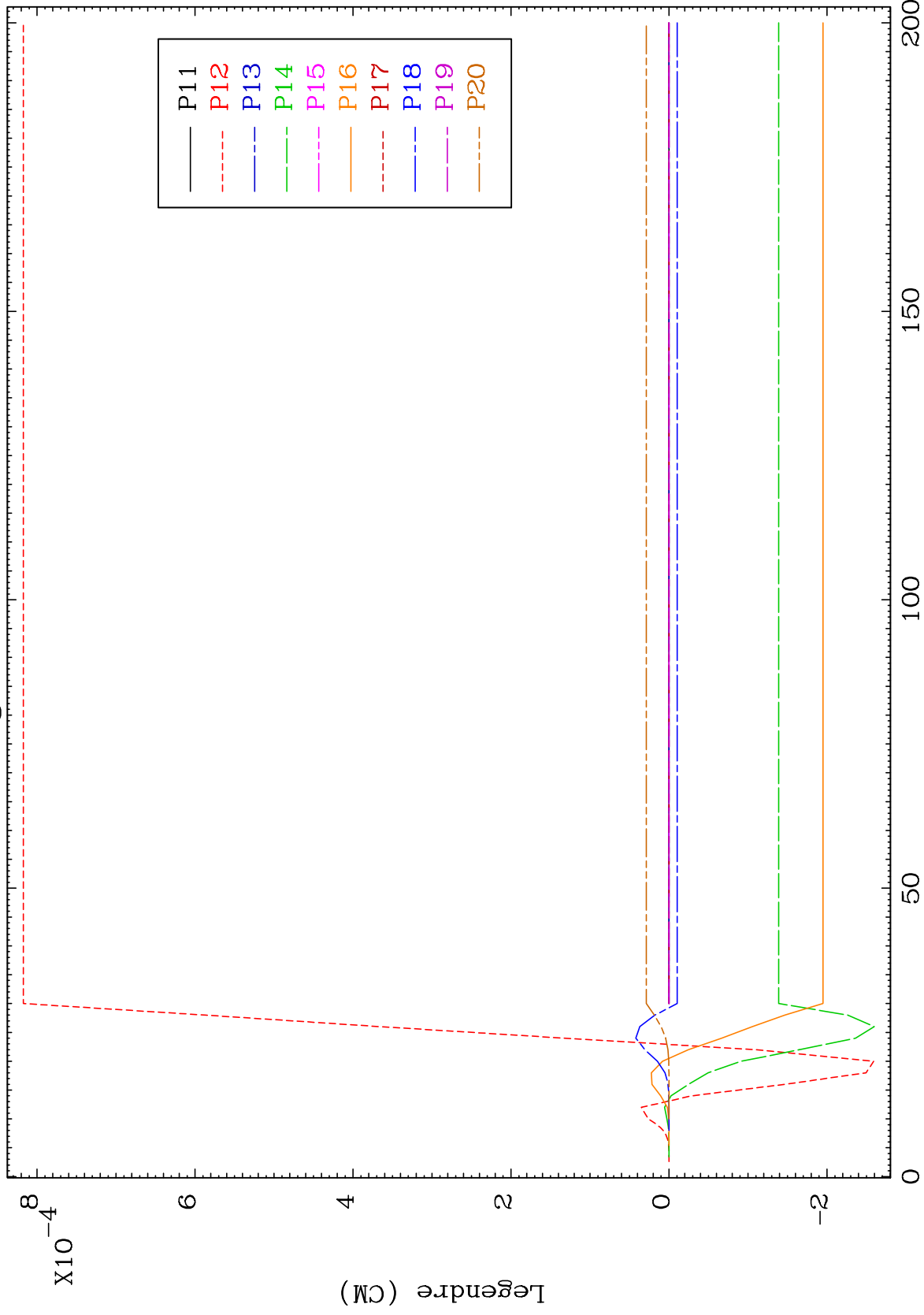
Incident Energy (MeV)

50

MAT 6649

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

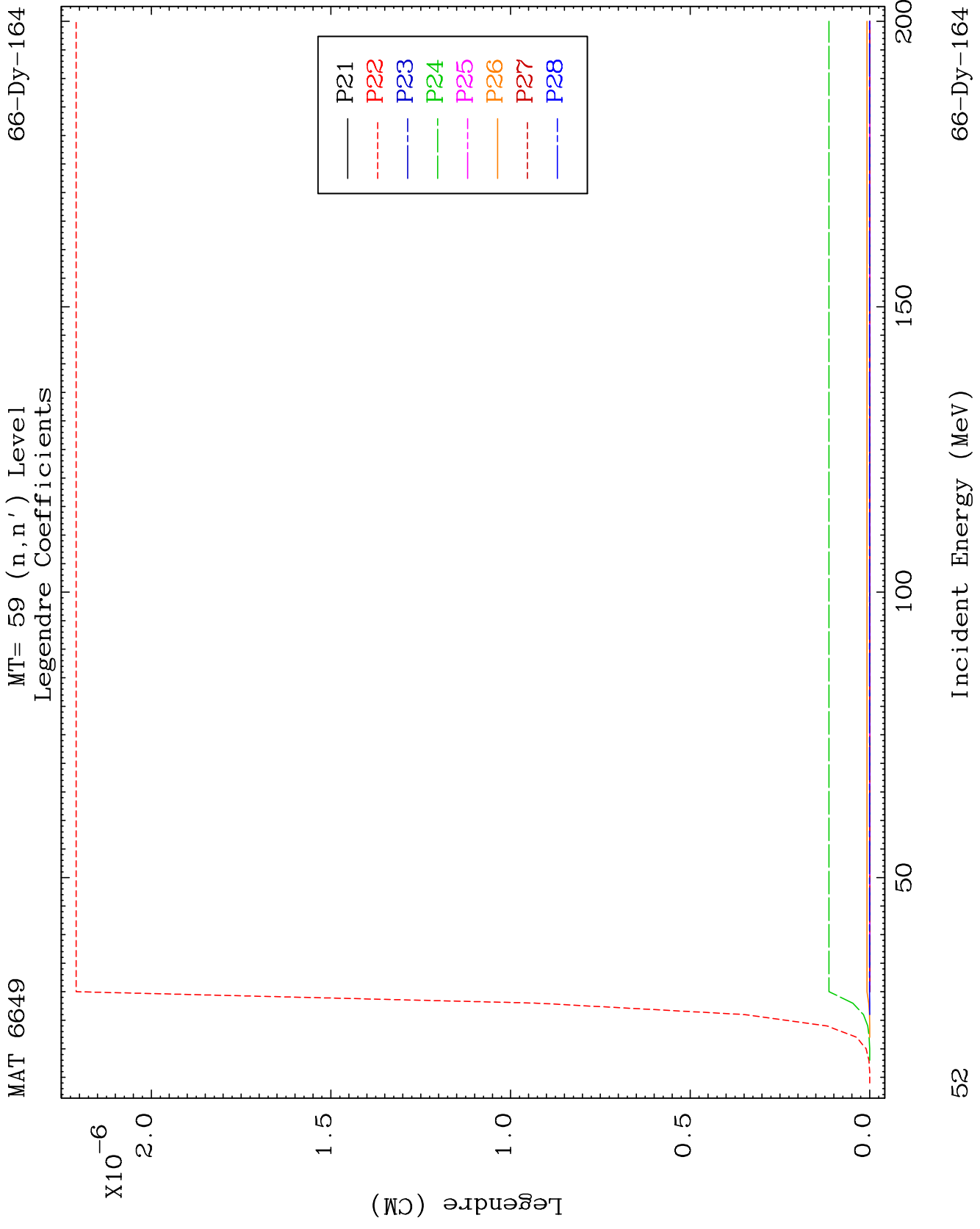
66-Dy-164



51

Incident Energy (MeV)

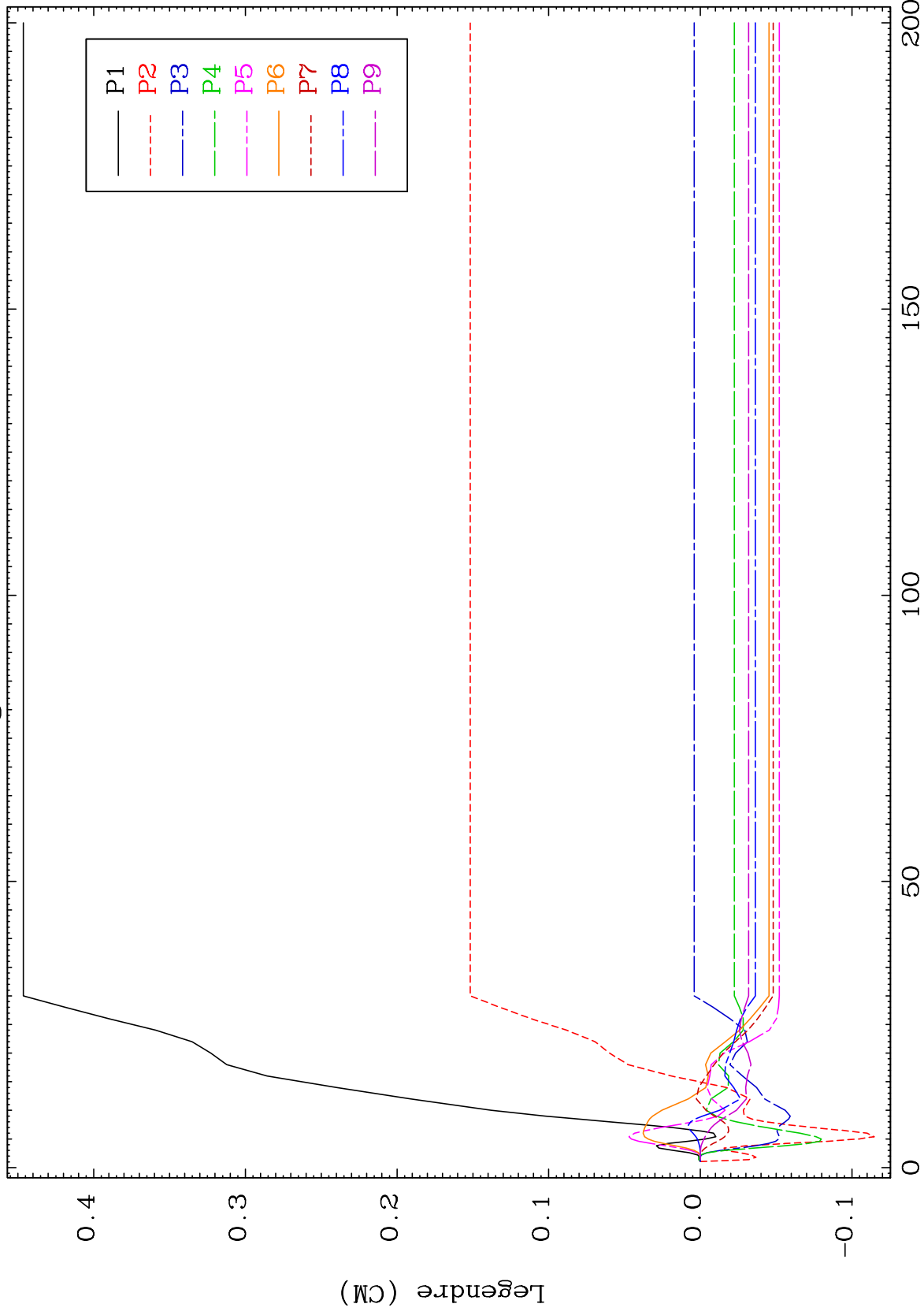
66-Dy-164



MAT 6649

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

66-Dy-164



53

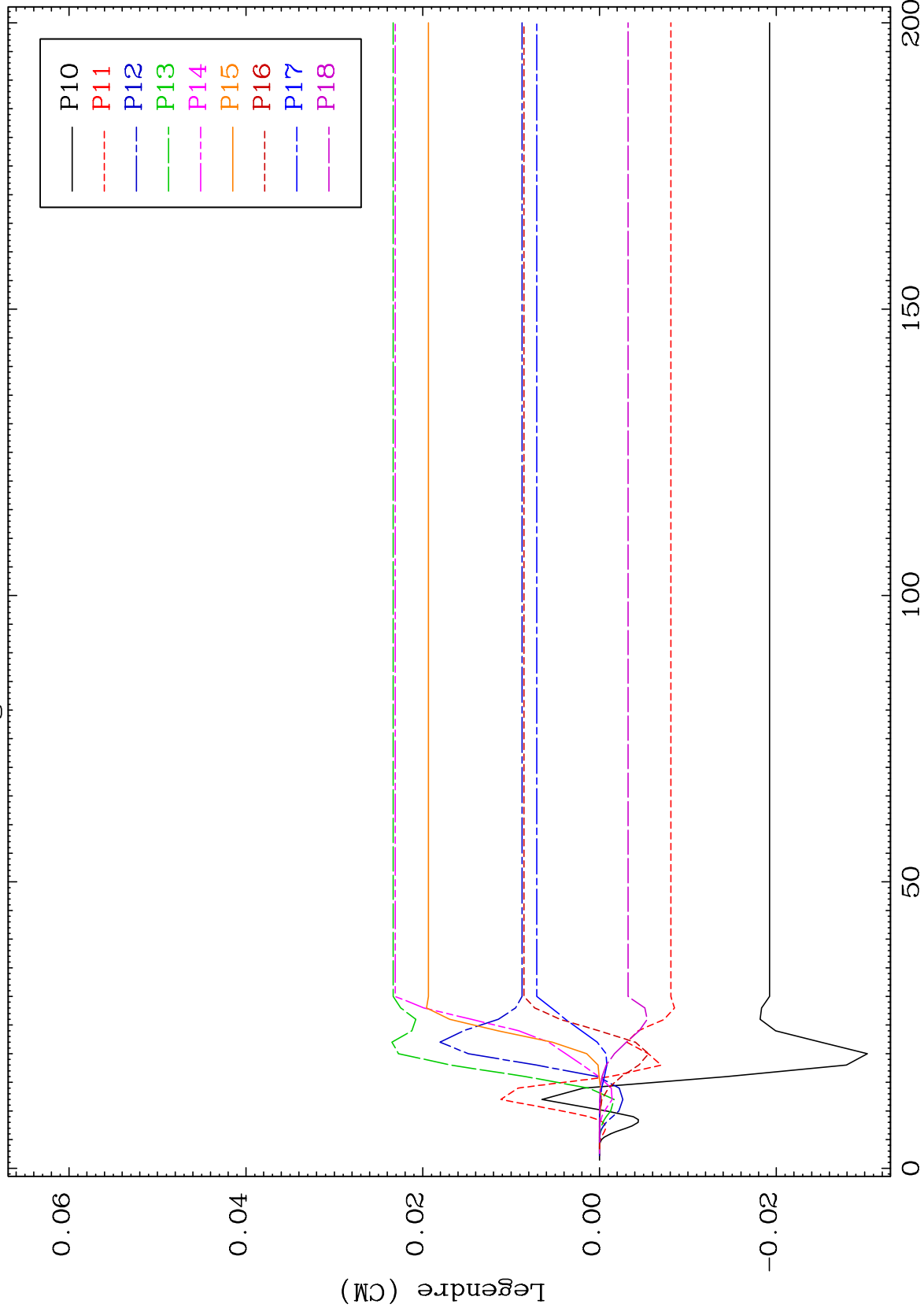
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



54

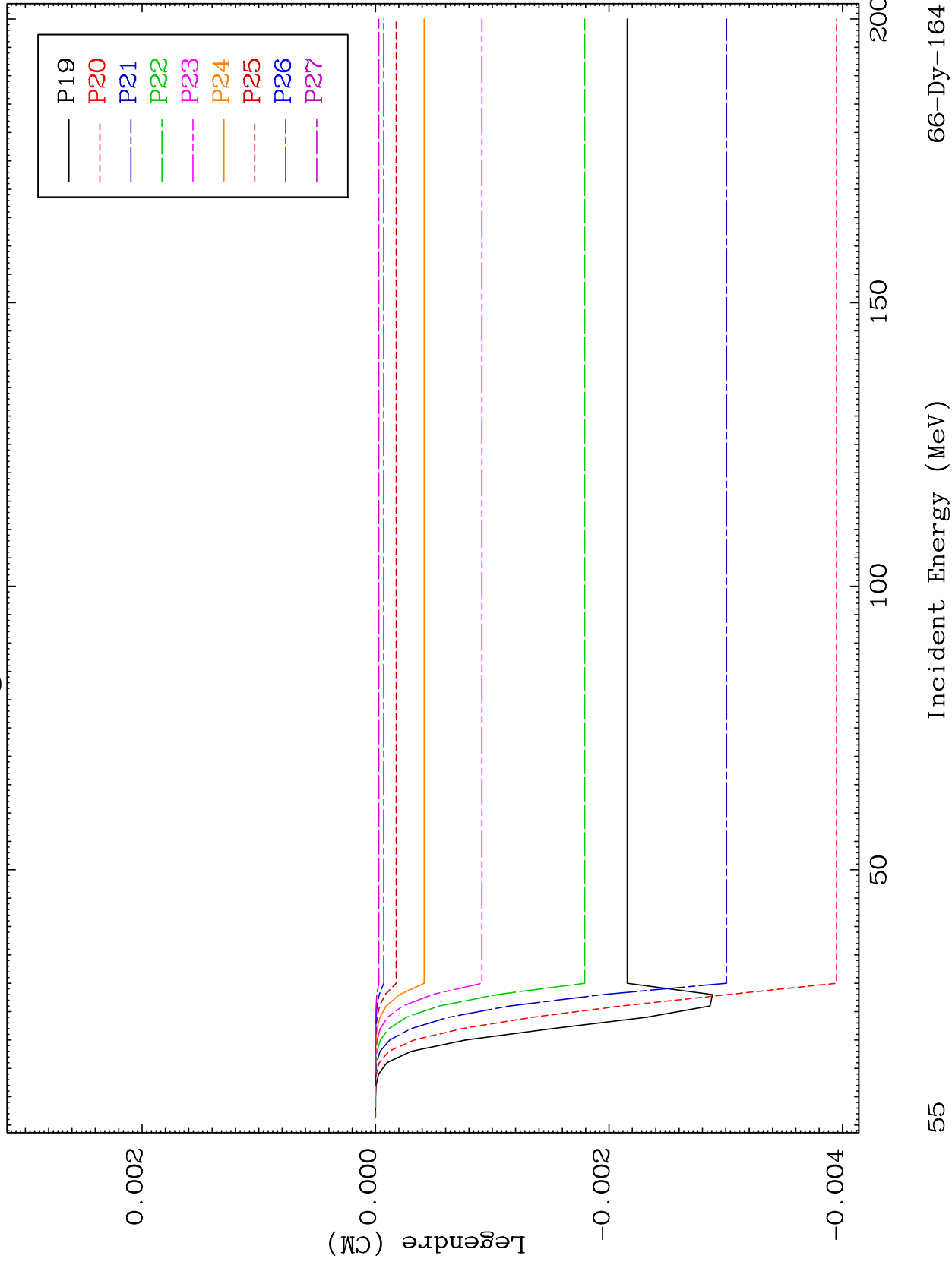
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164

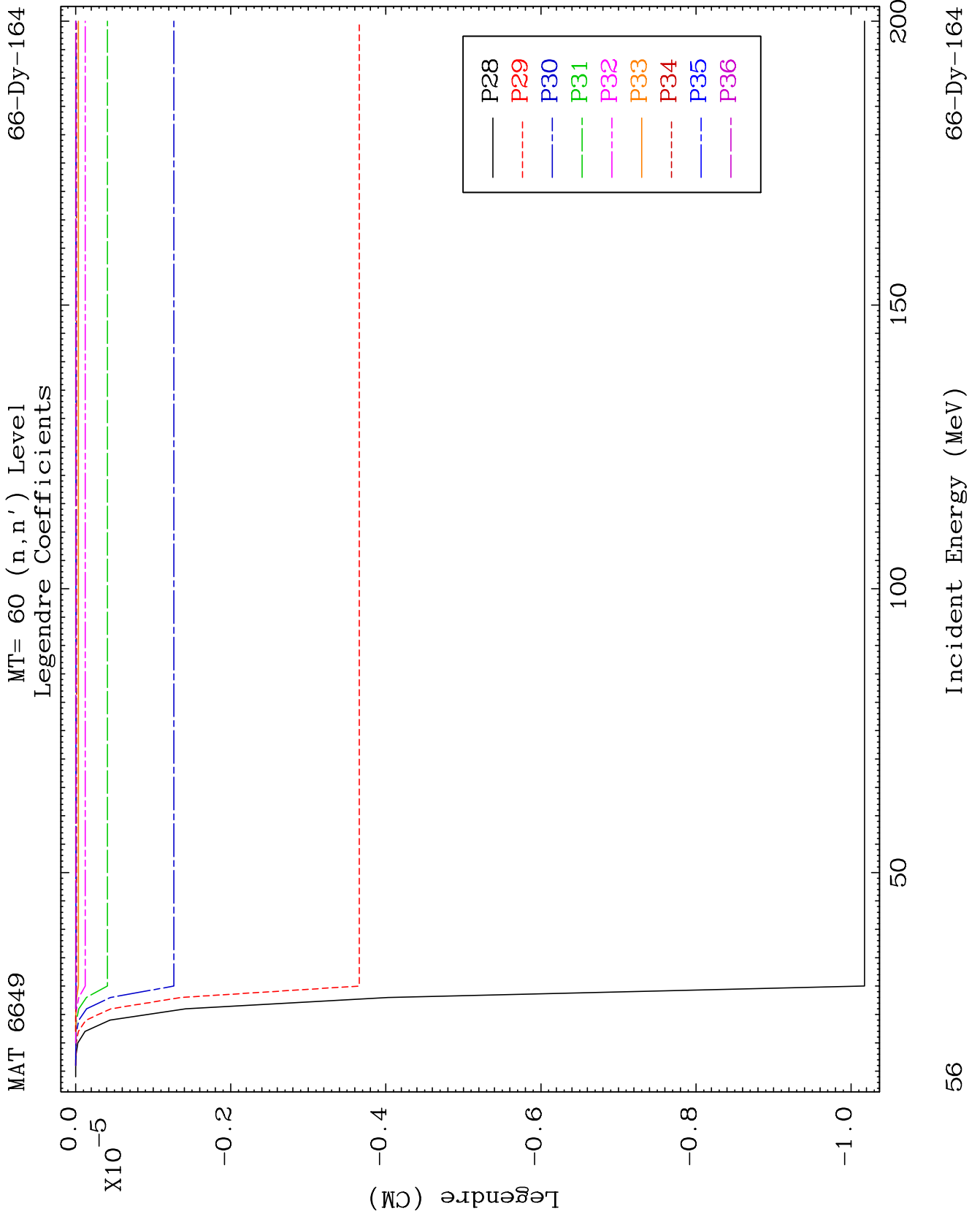


55

Incident Energy (MeV)

66-Dy-164

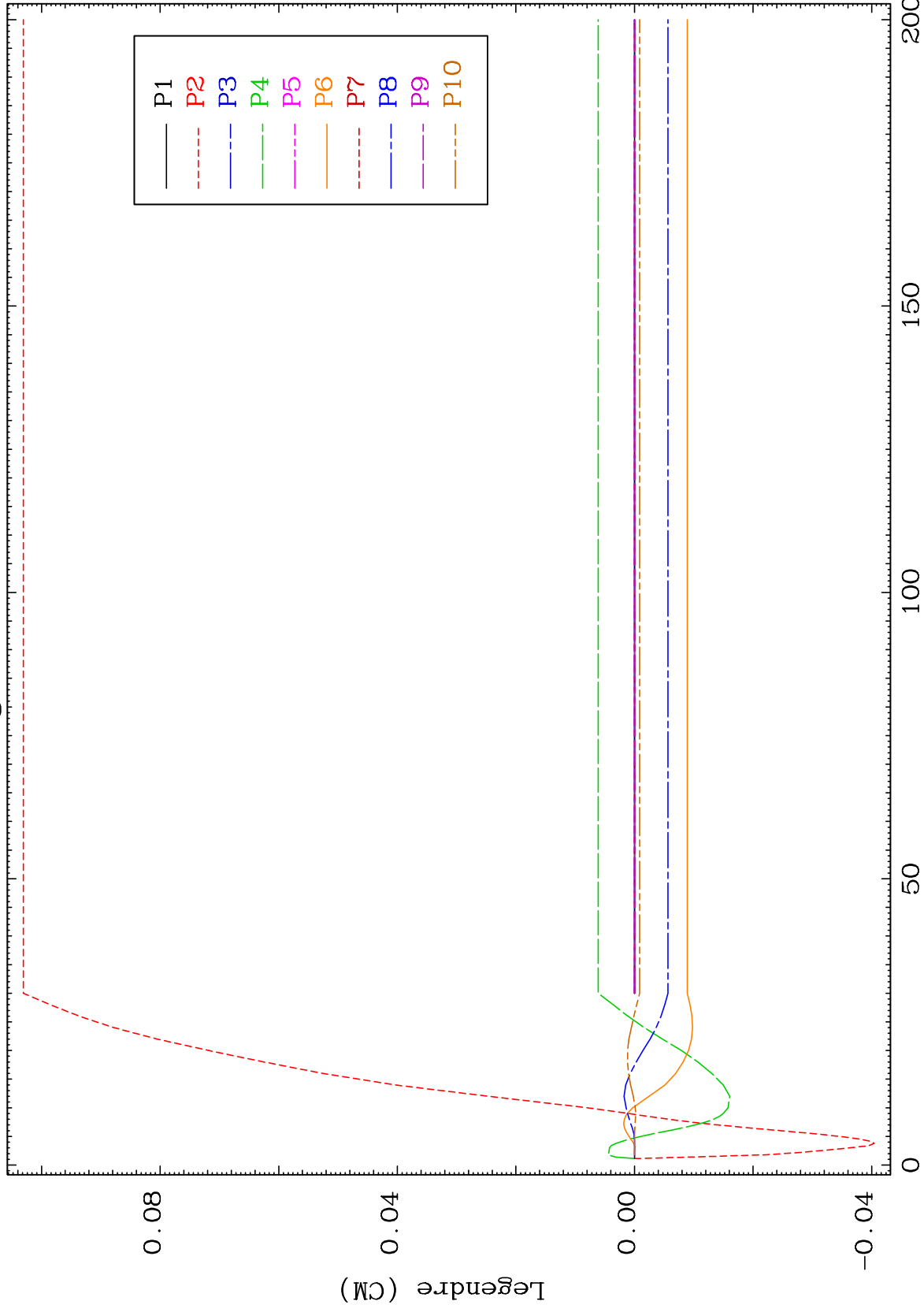




MAT 6649

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

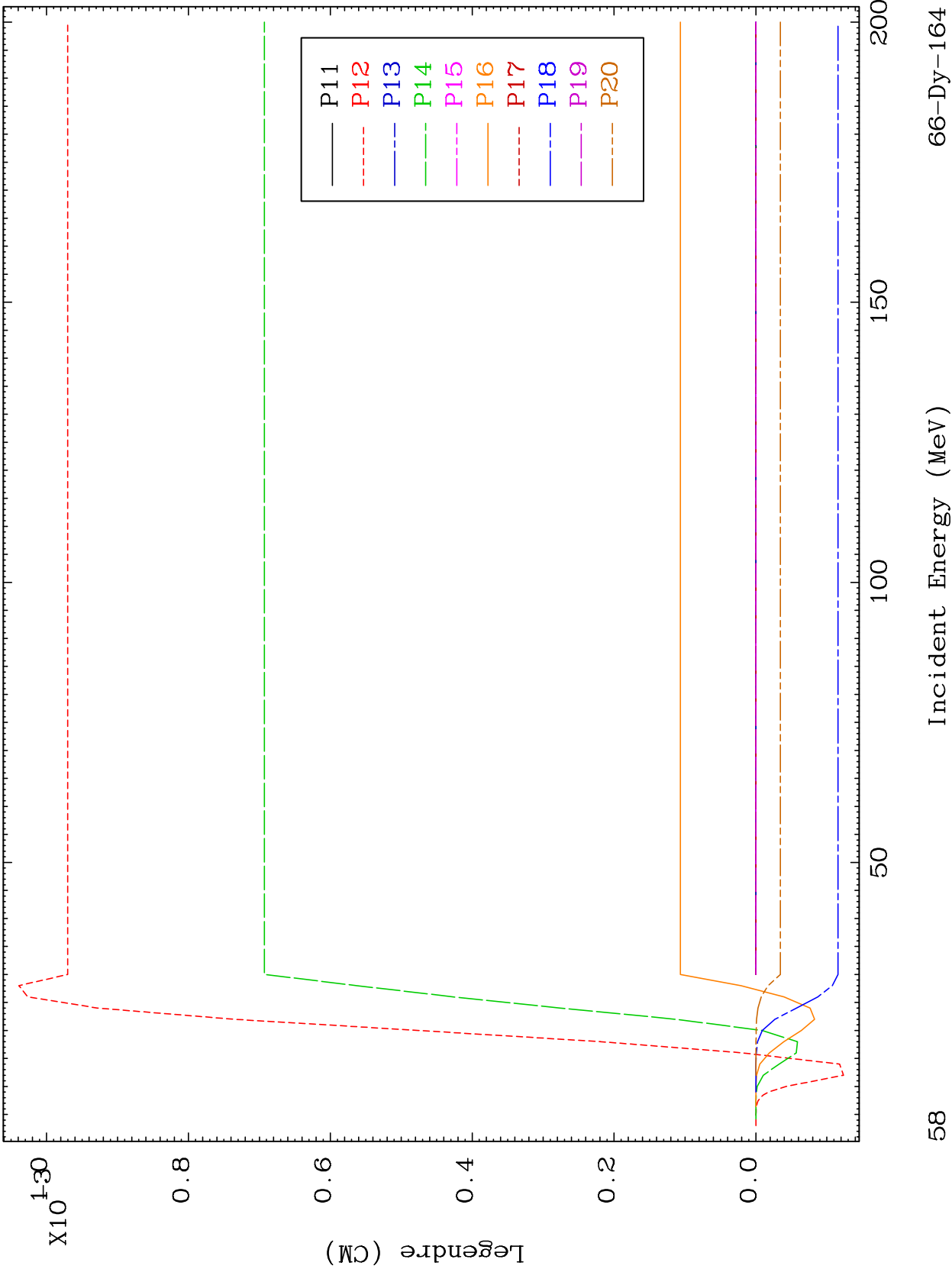
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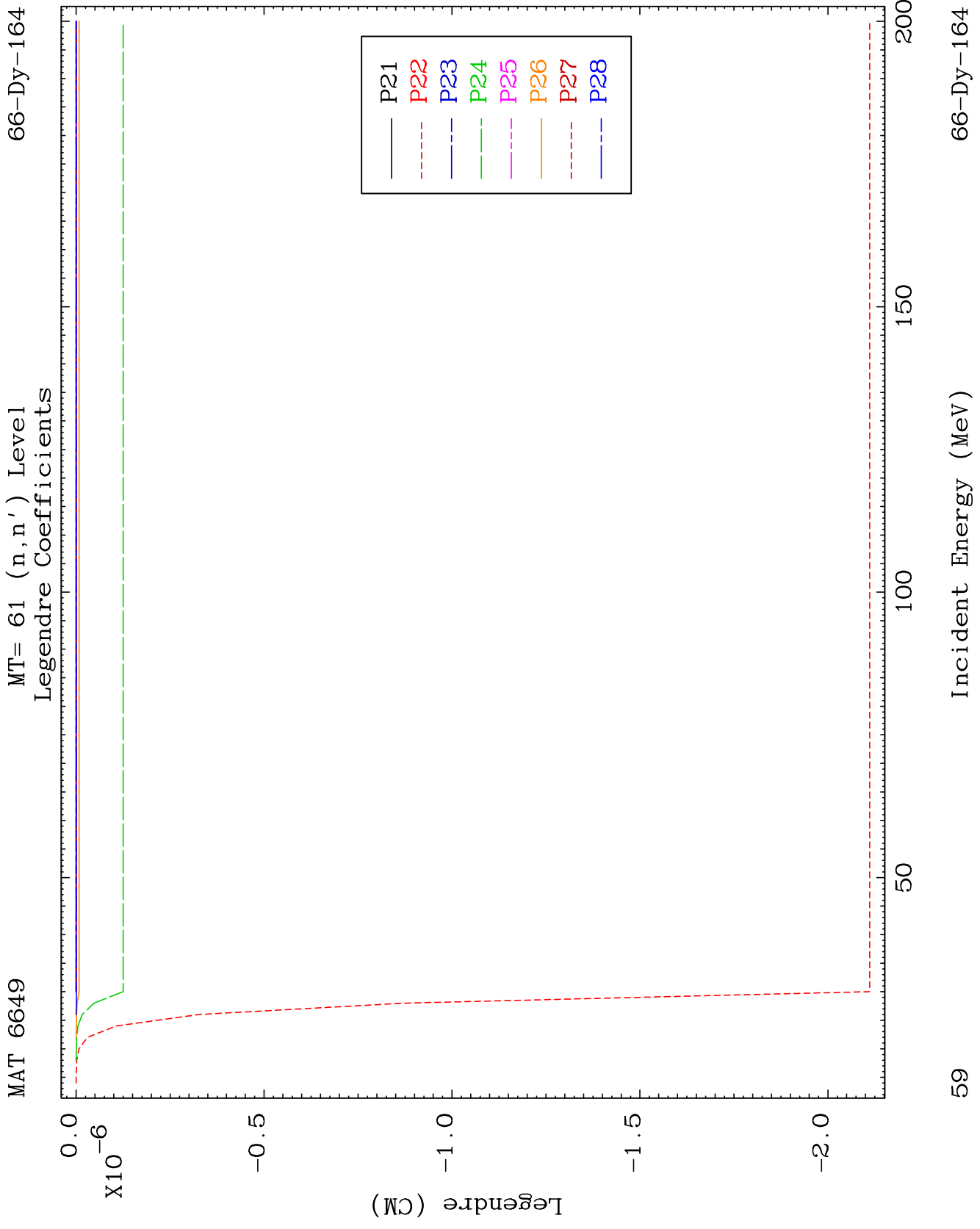


57

Incident Energy (MeV)

66-Dy-164



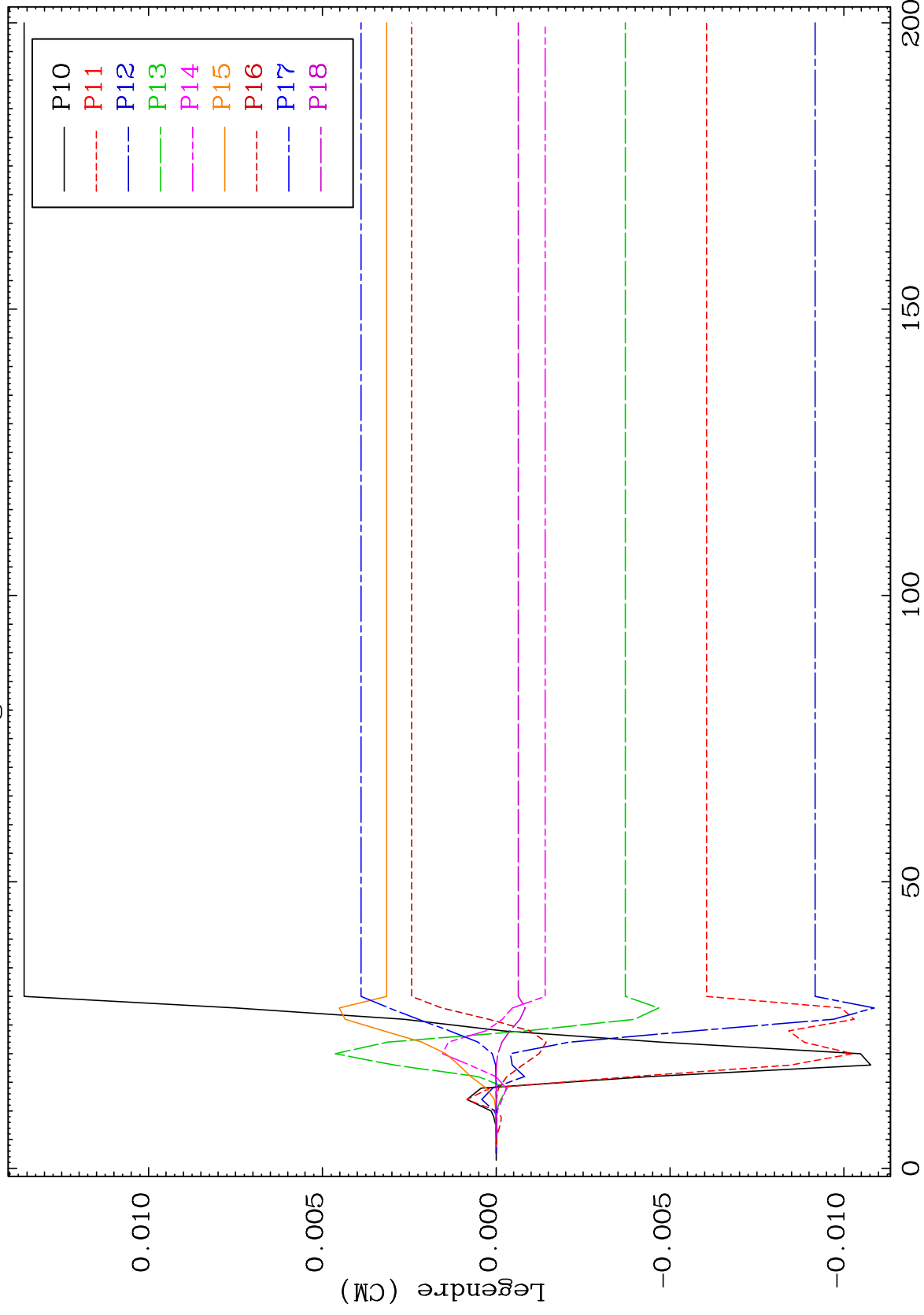




MAT 6649

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

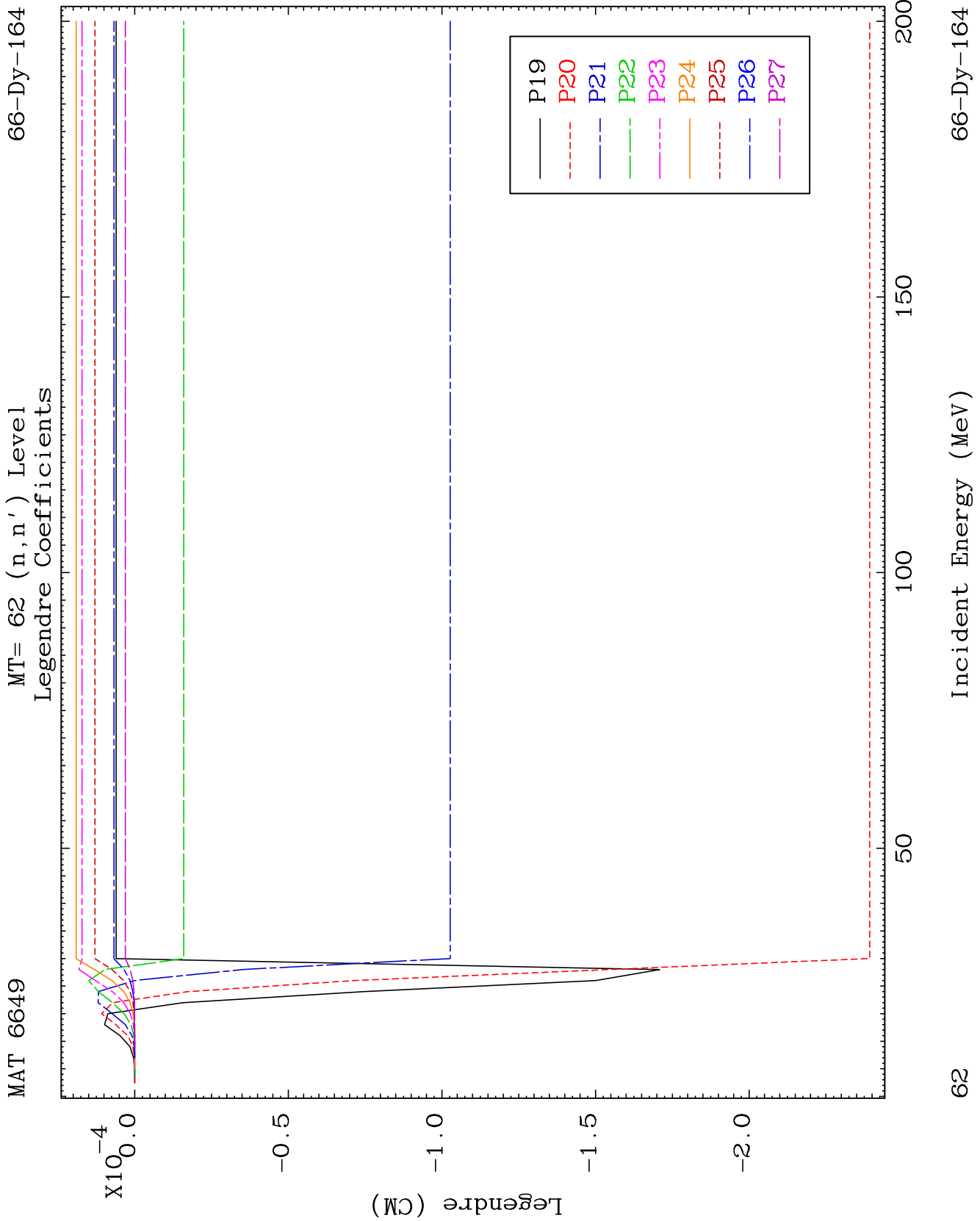
66-Dy-164



61

Incident Energy (MeV)

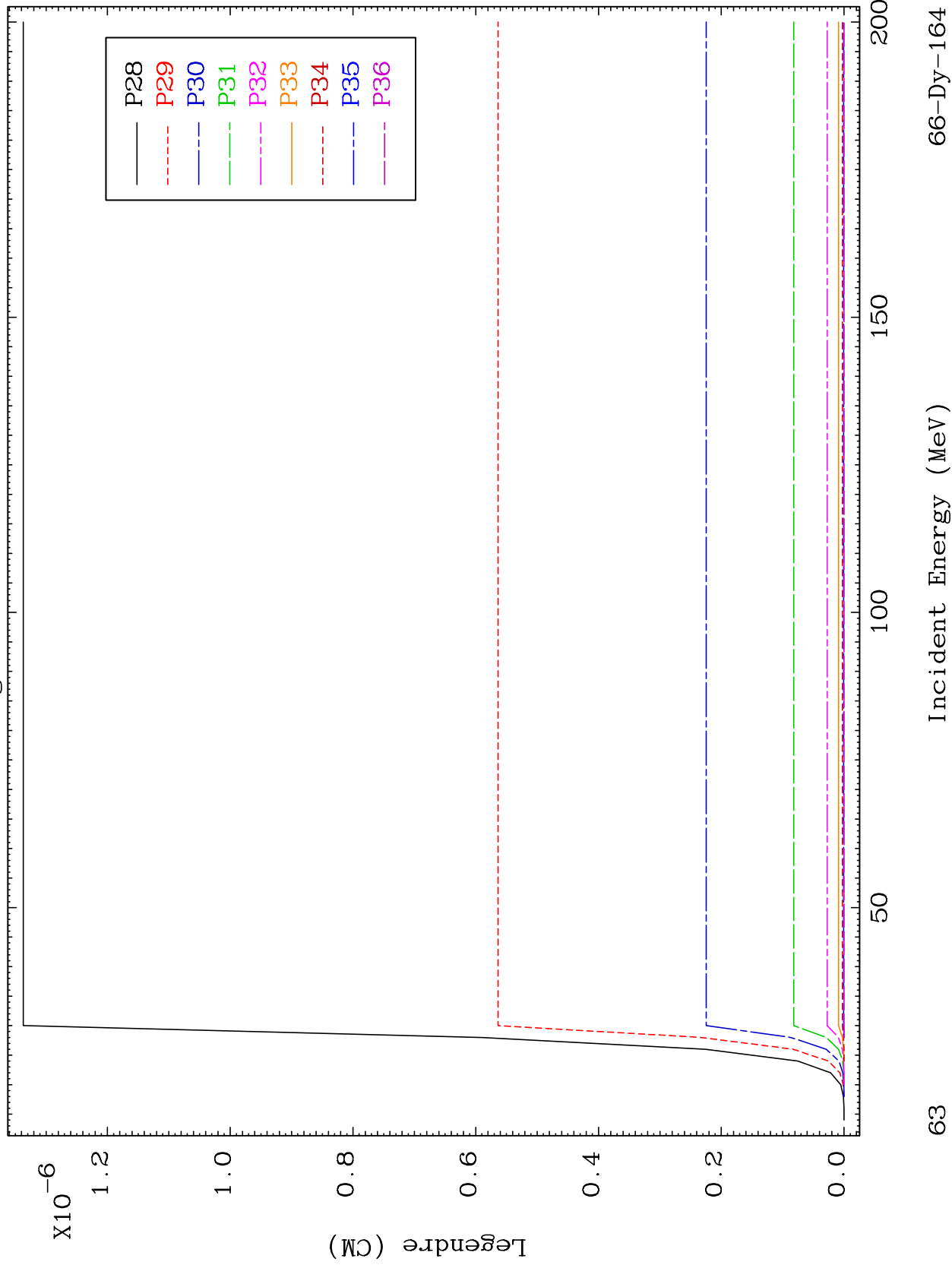
66-Dy-164



MAT 6649

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

66-Dy-164

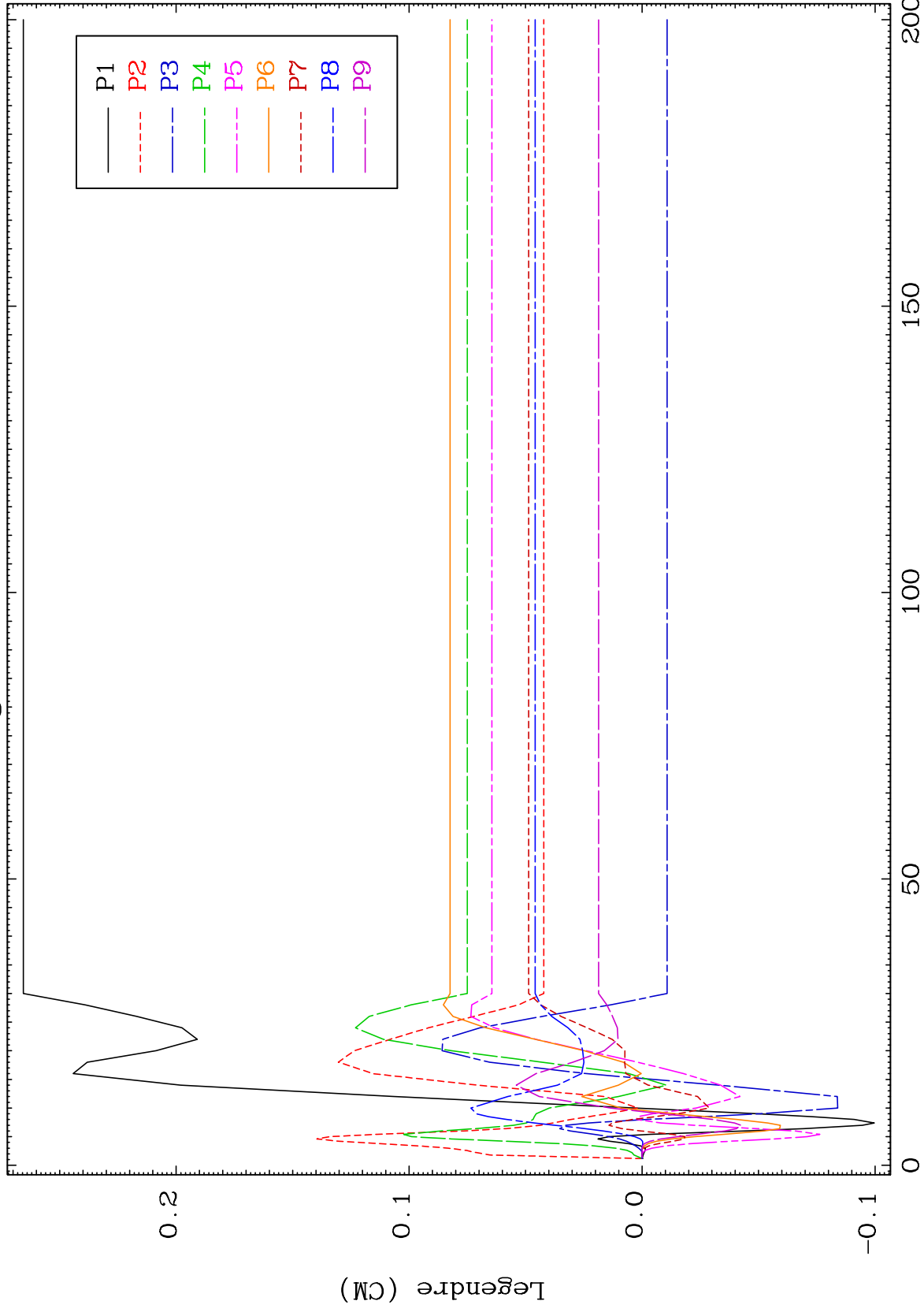




MAT 6649

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

66-Dy-164



66-Dy-164

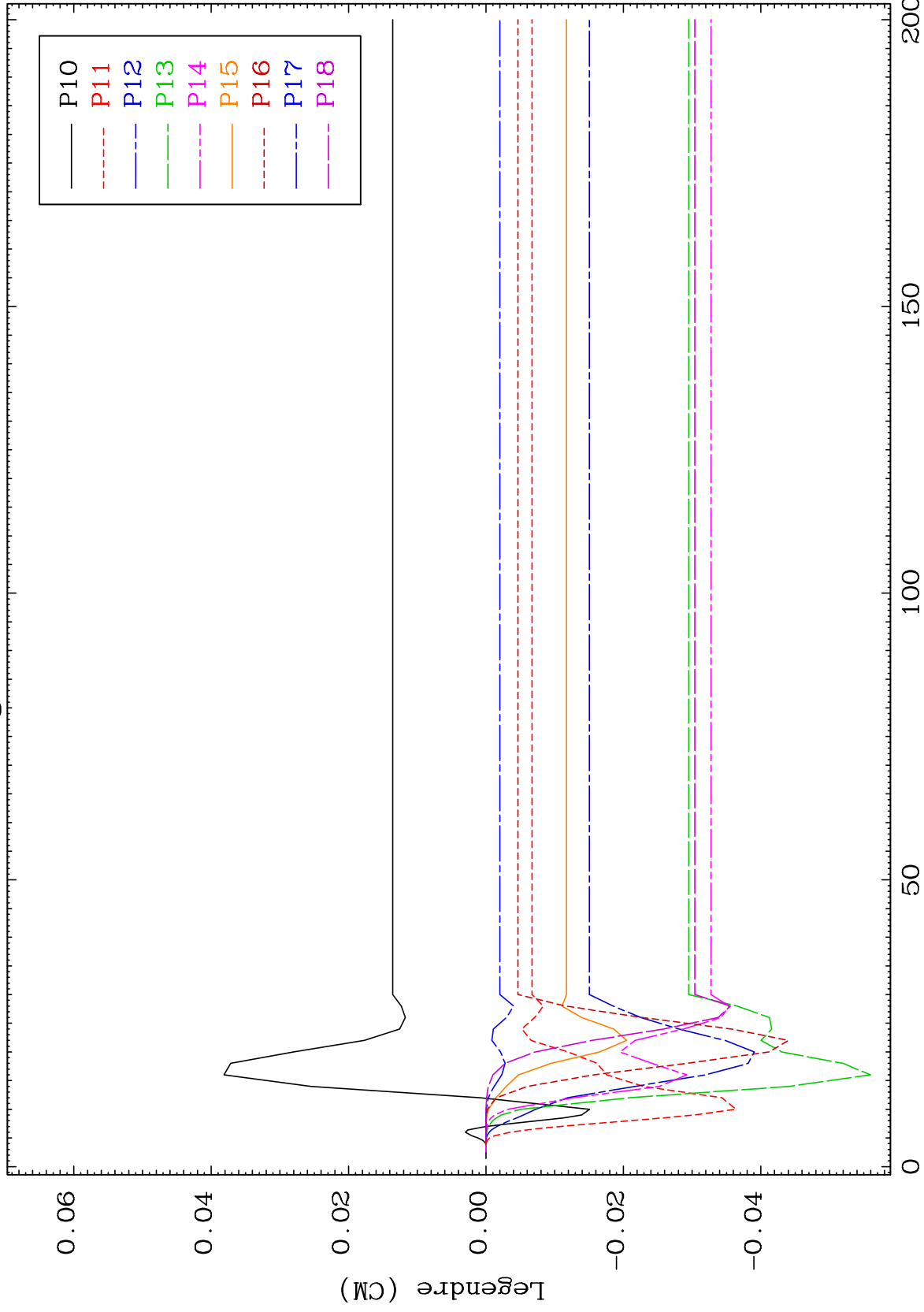
Incident Energy (MeV)

64

MAT 6649

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

66-Dy-164



66

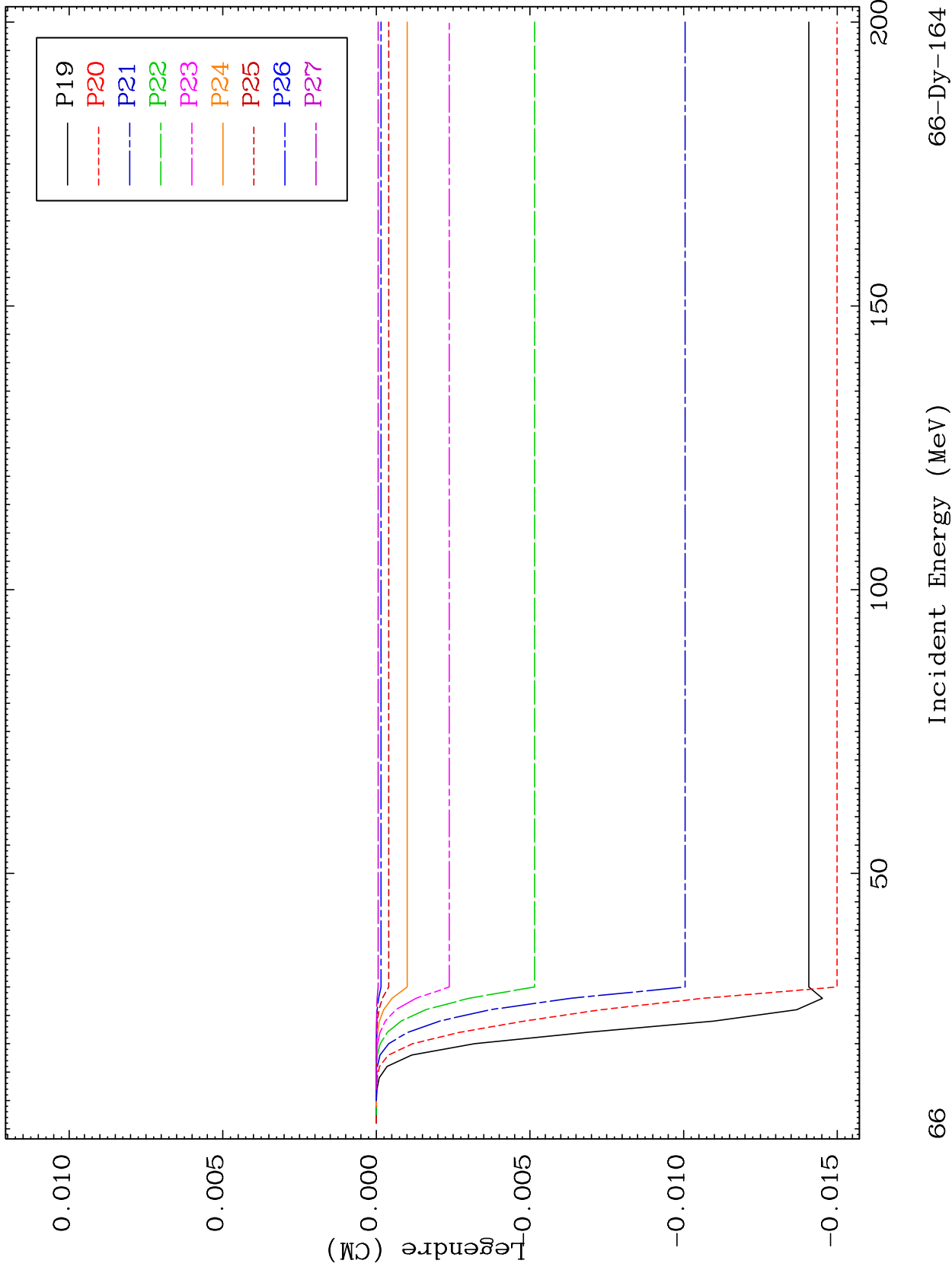
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

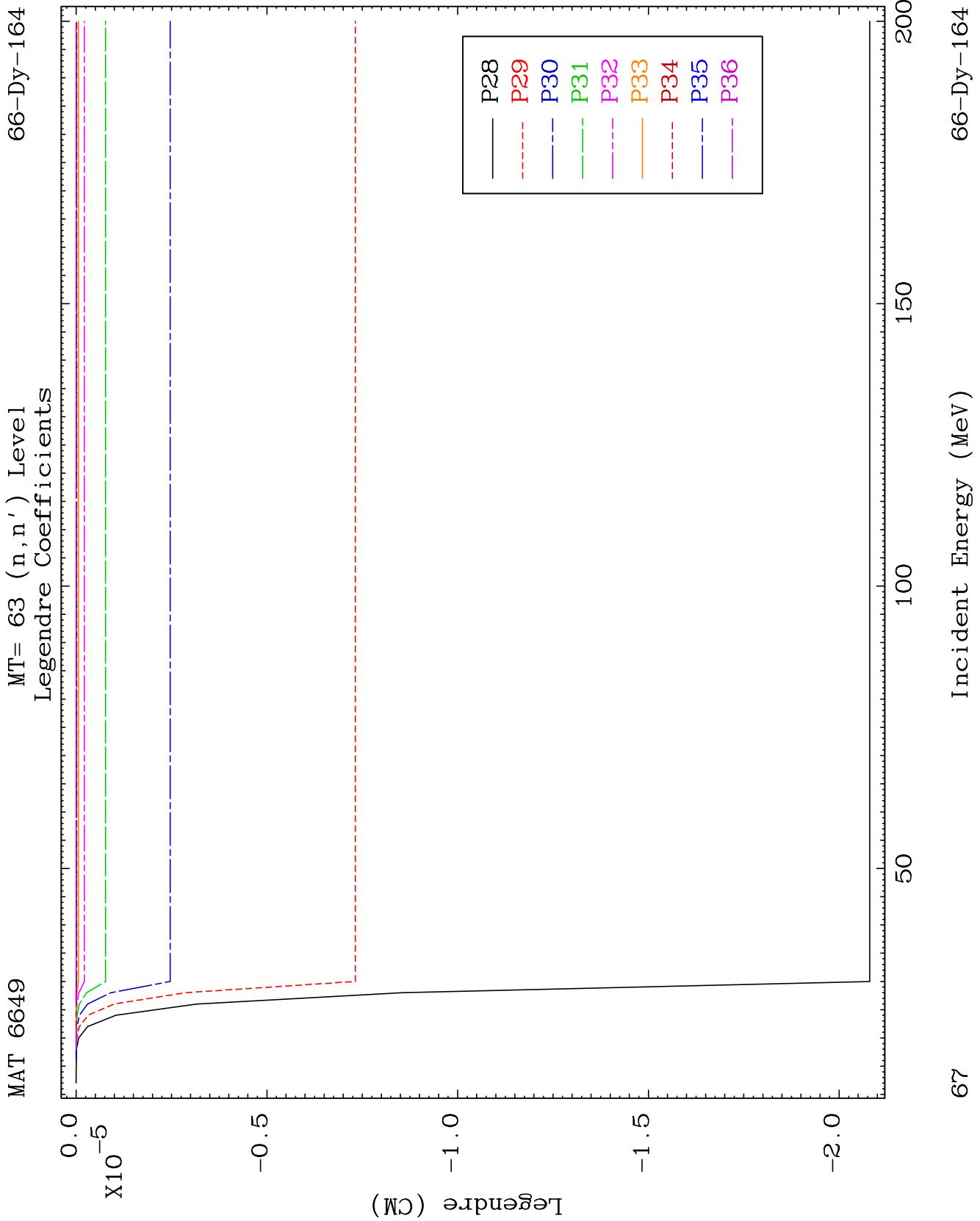
66-Dy-164



66

Incident Energy (MeV)

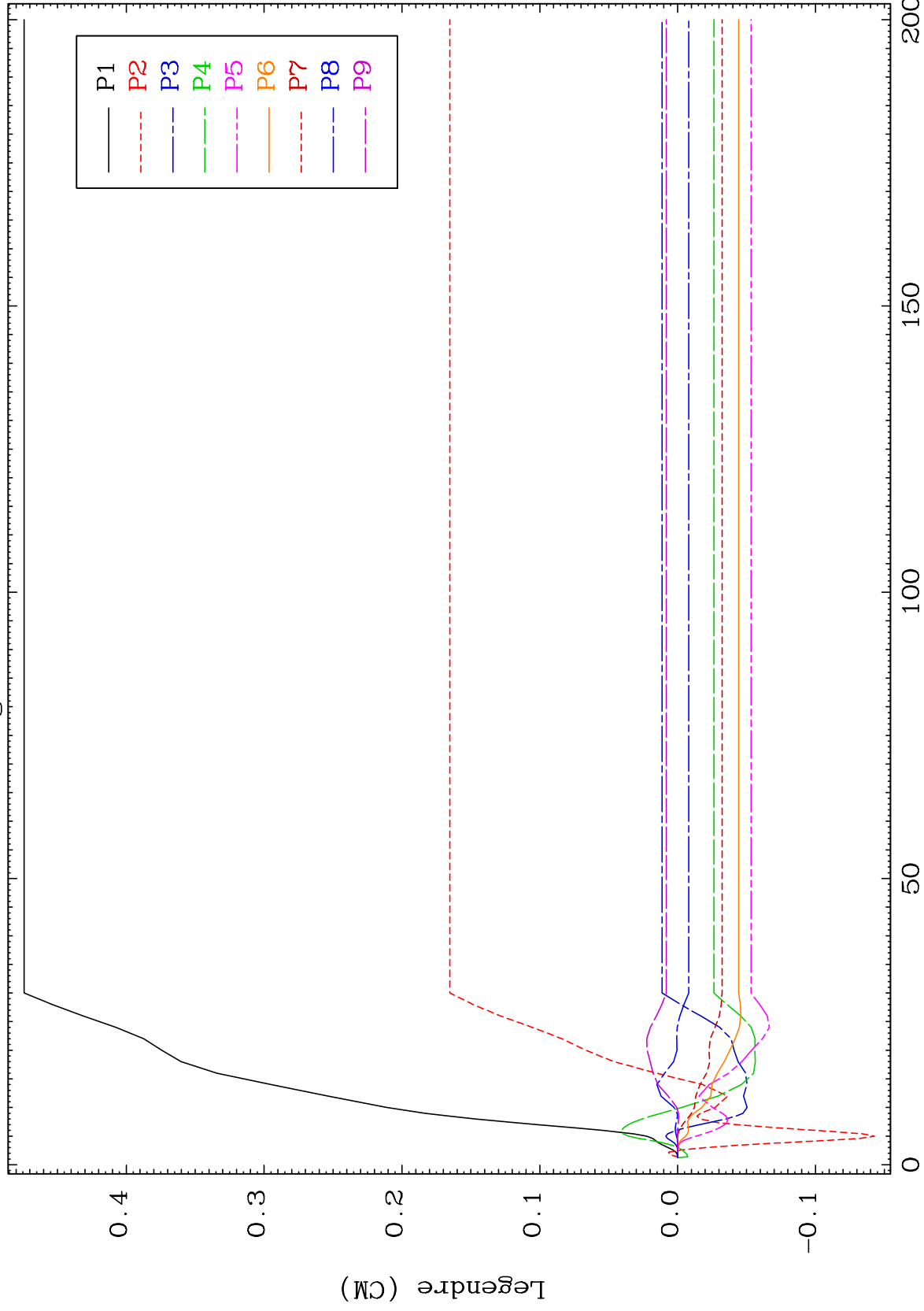
66-Dy-164



MAT 6649

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

66-Dy-164



66-Dy-164

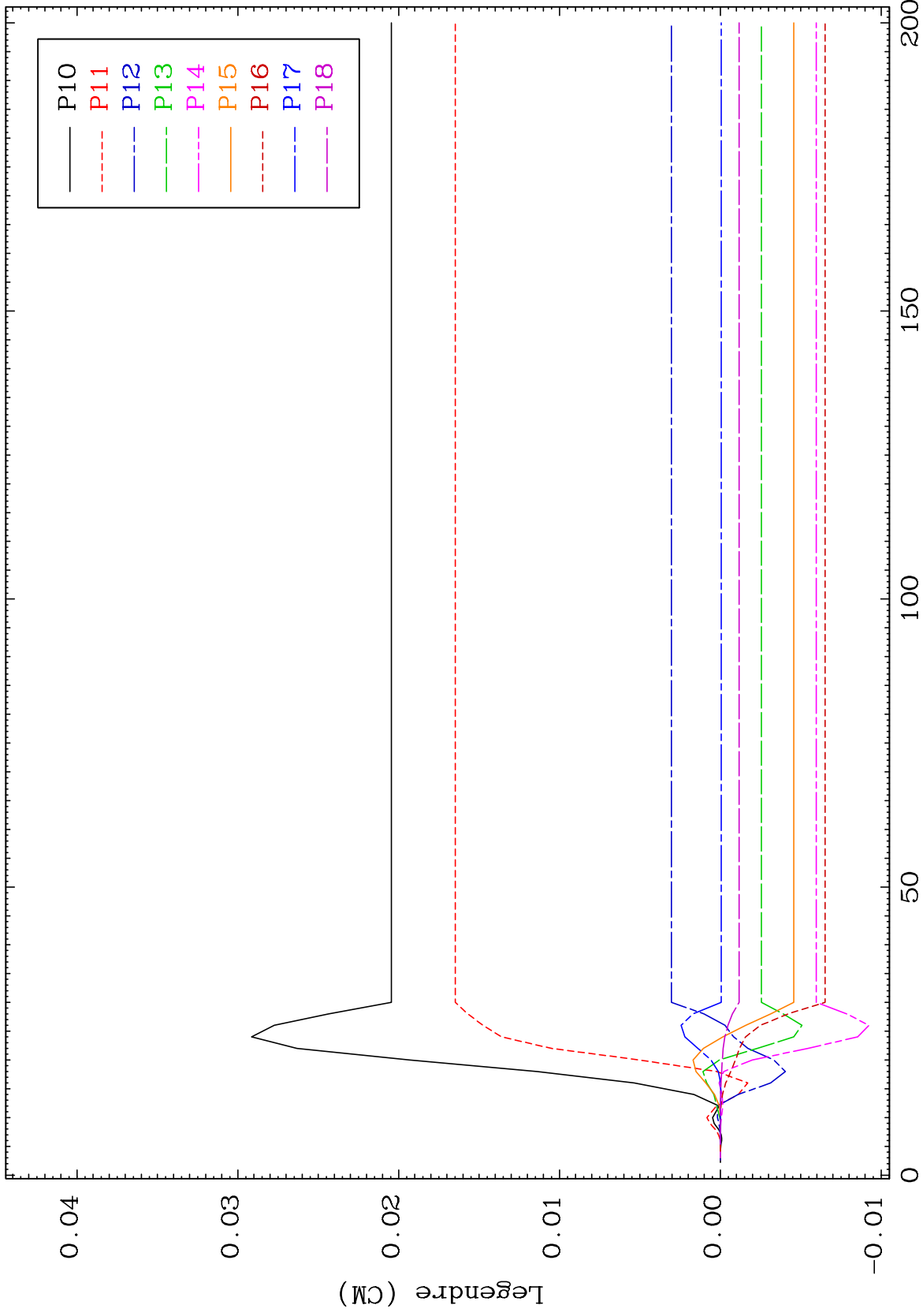
Incident Energy (MeV)

68

MAT 6649

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

66-Dy-164



69

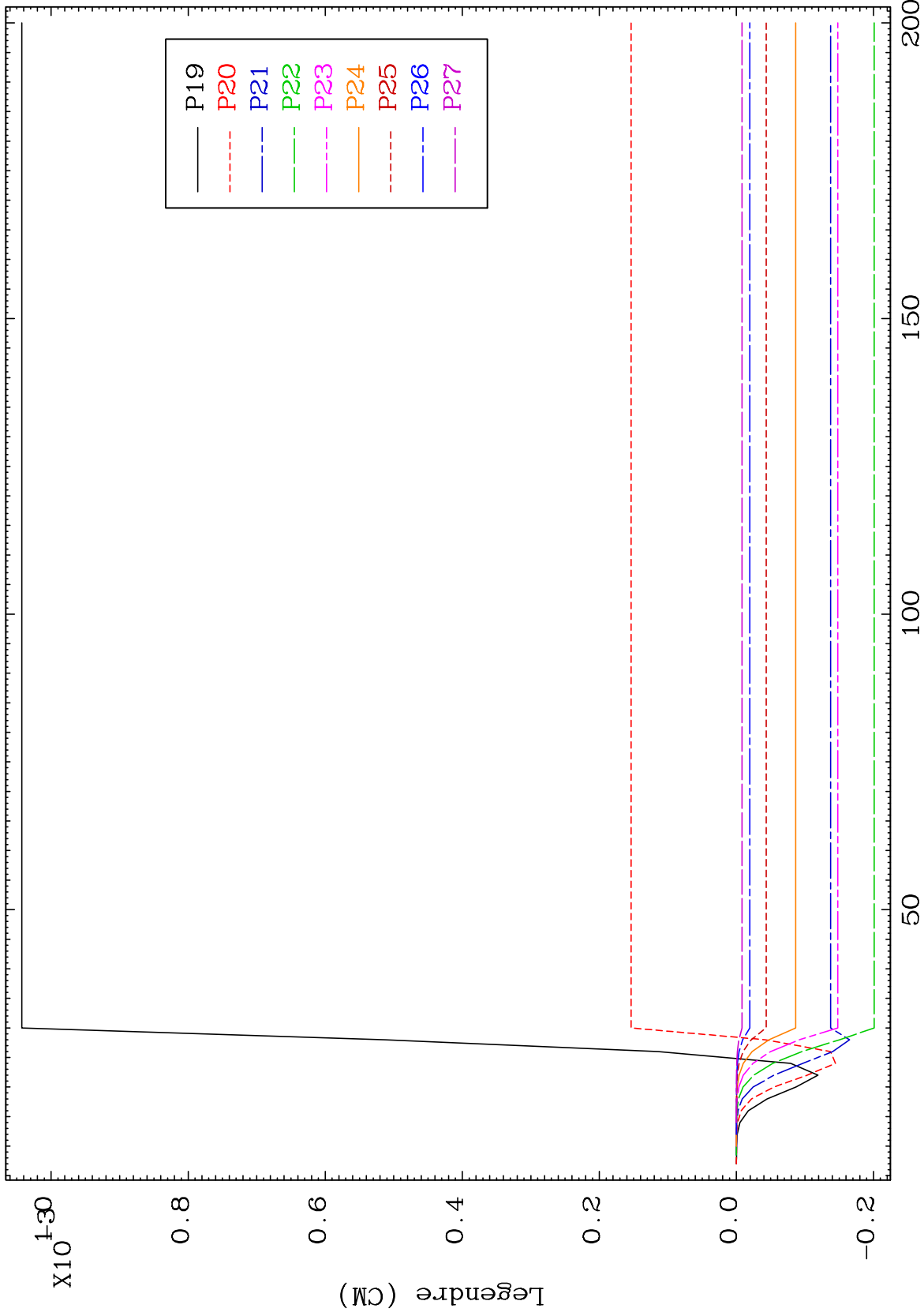
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

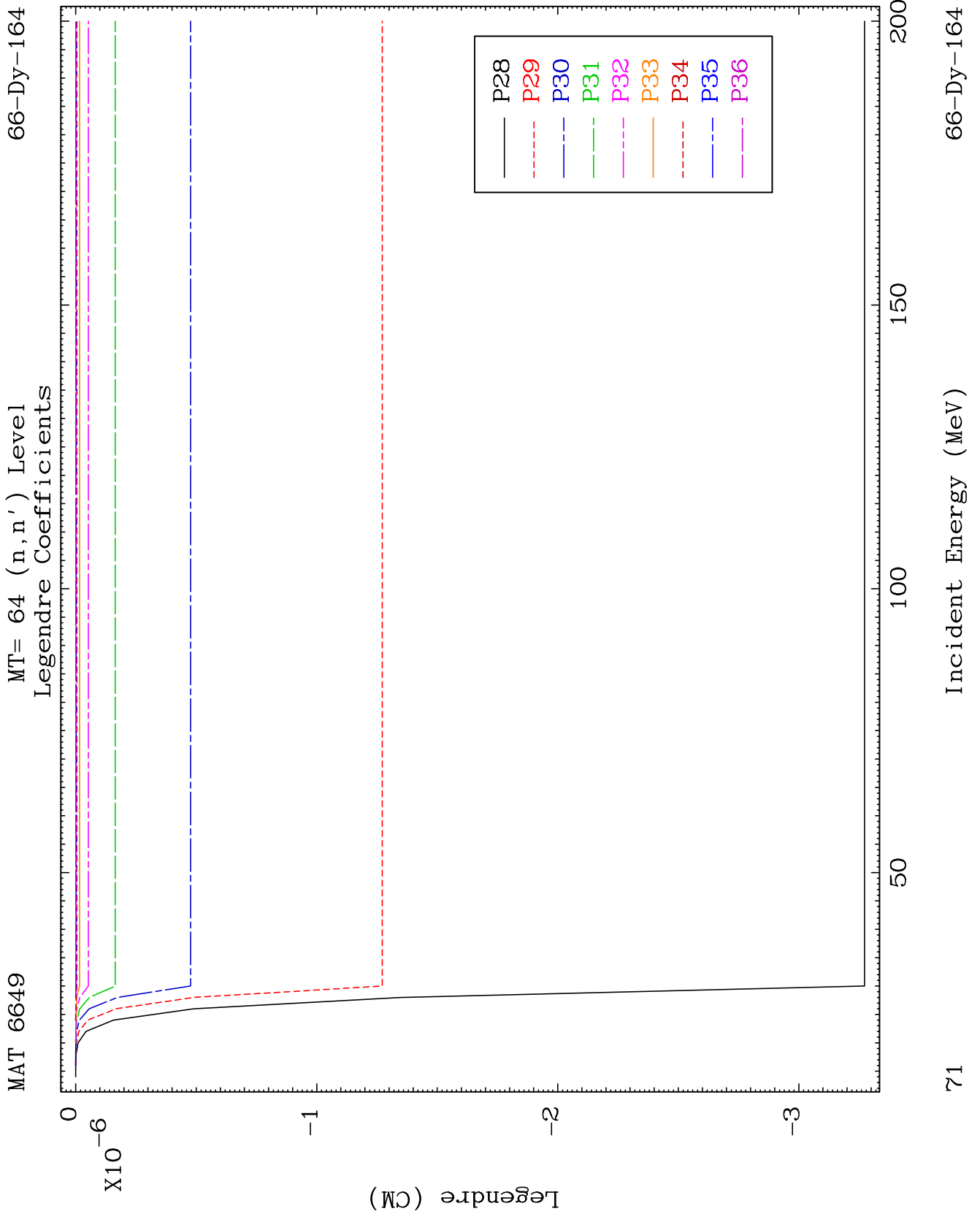
66-Dy-164



70

Incident Energy (MeV)

66-Dy-164

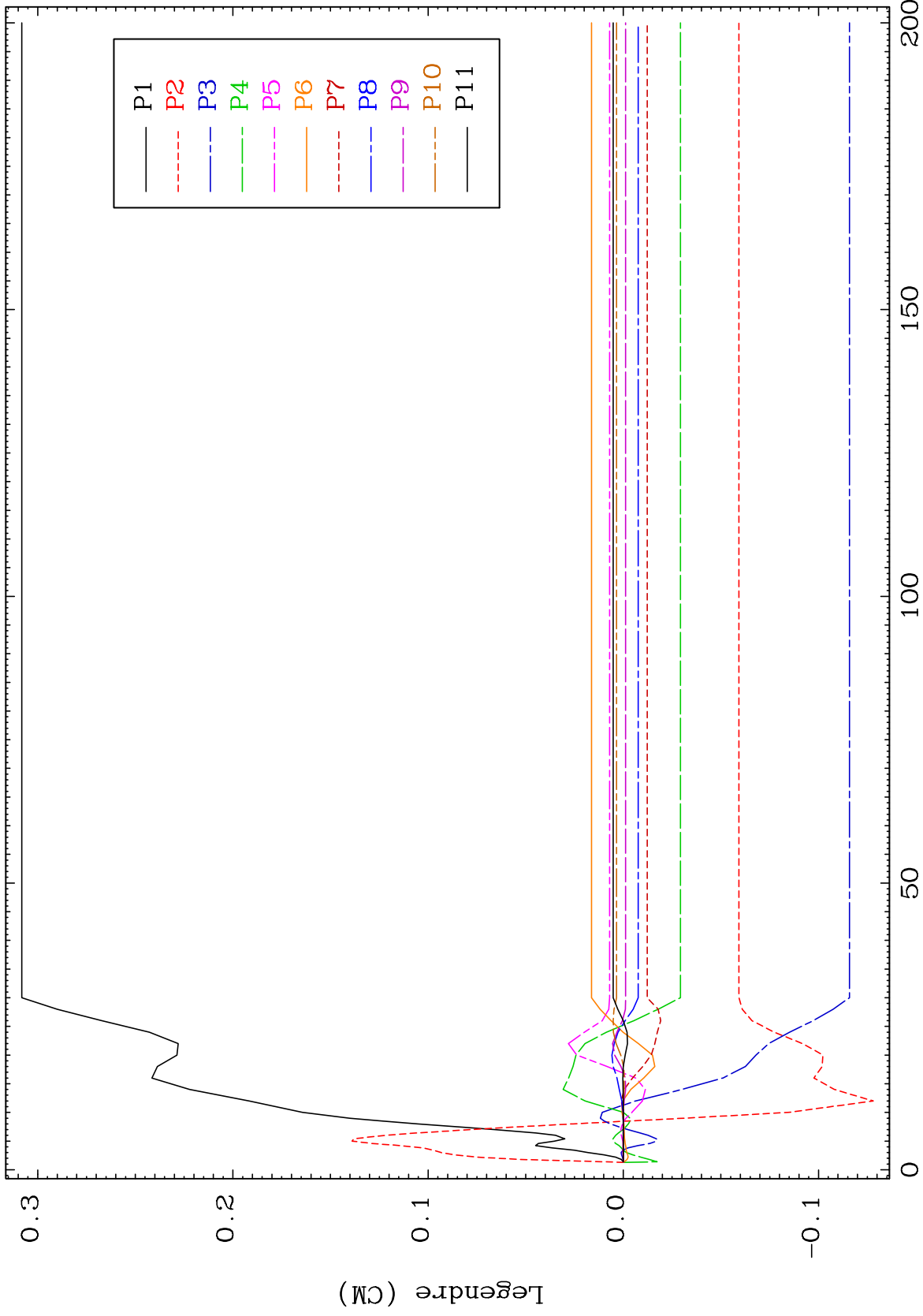




MAT 6649

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

66-Dy-164



72

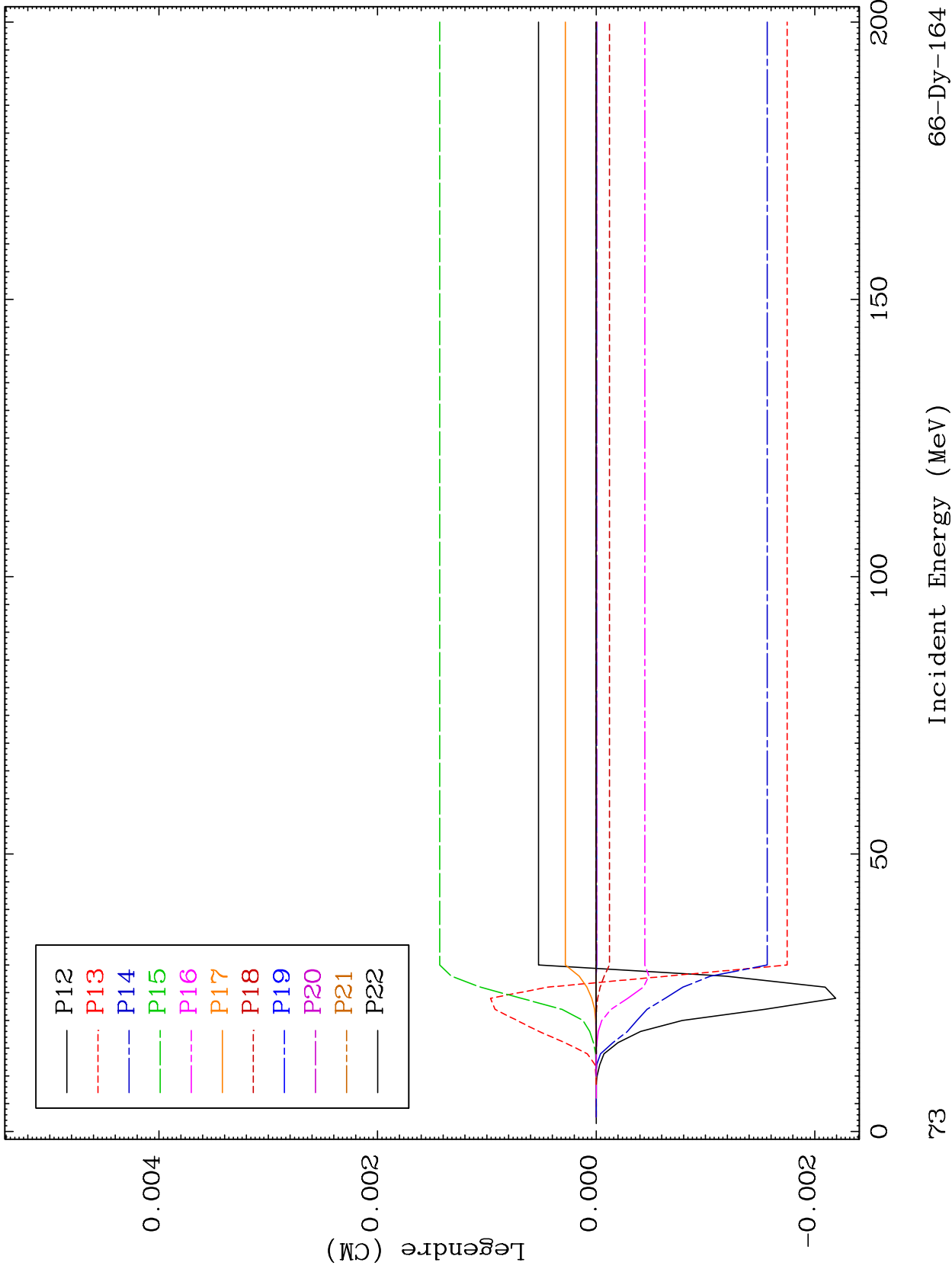
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



73

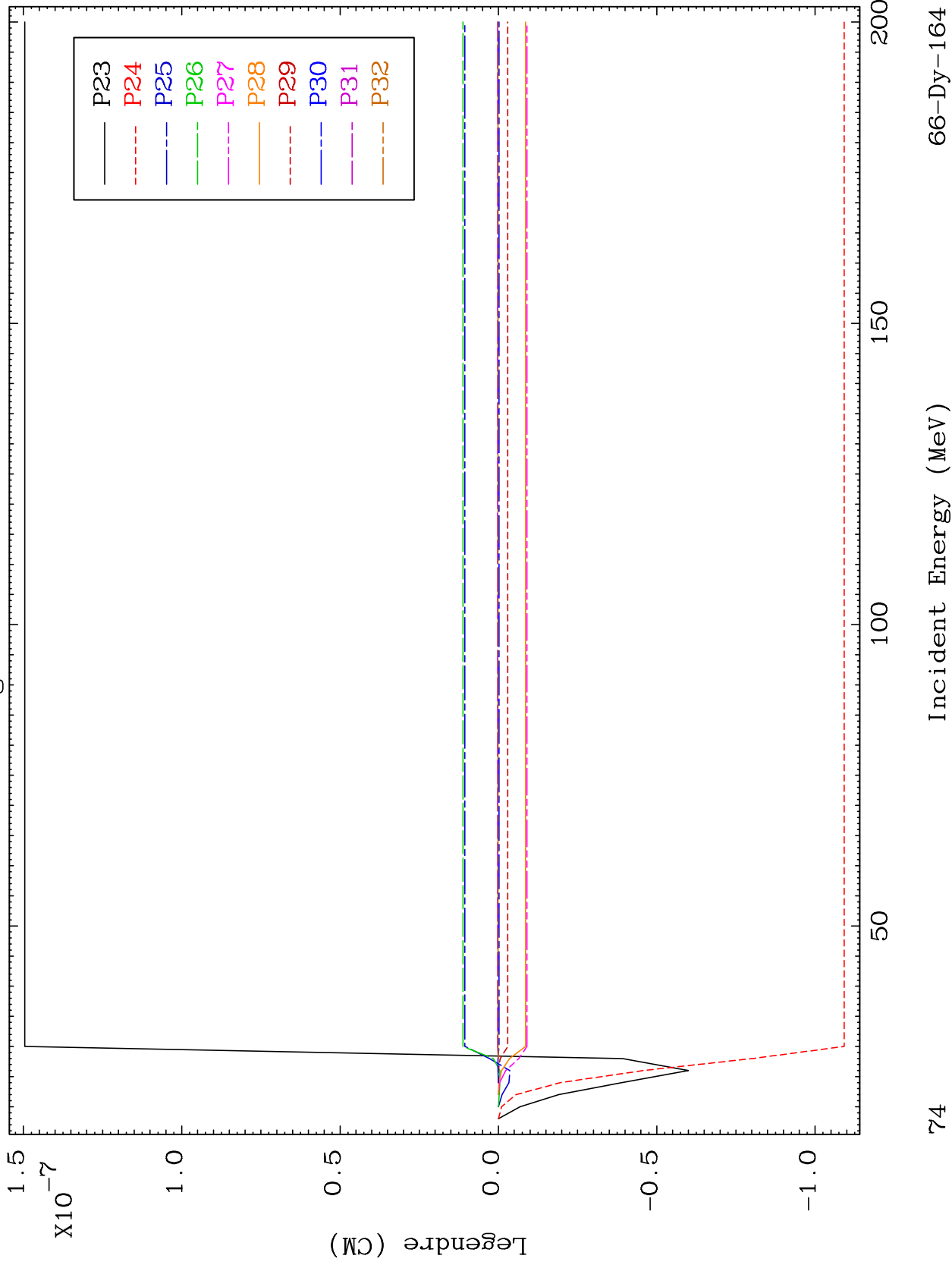
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



74

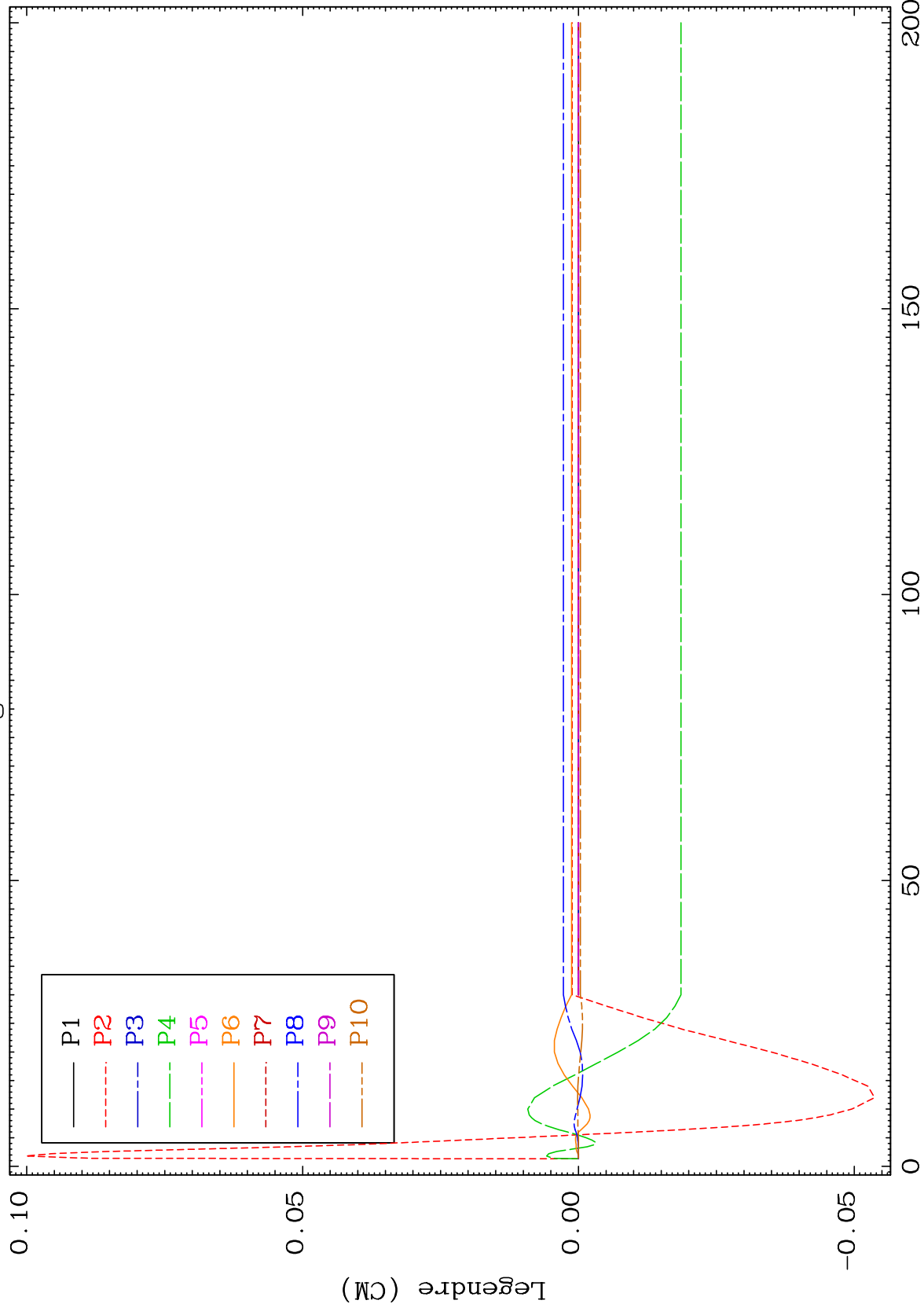
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



75

Incident Energy (MeV)

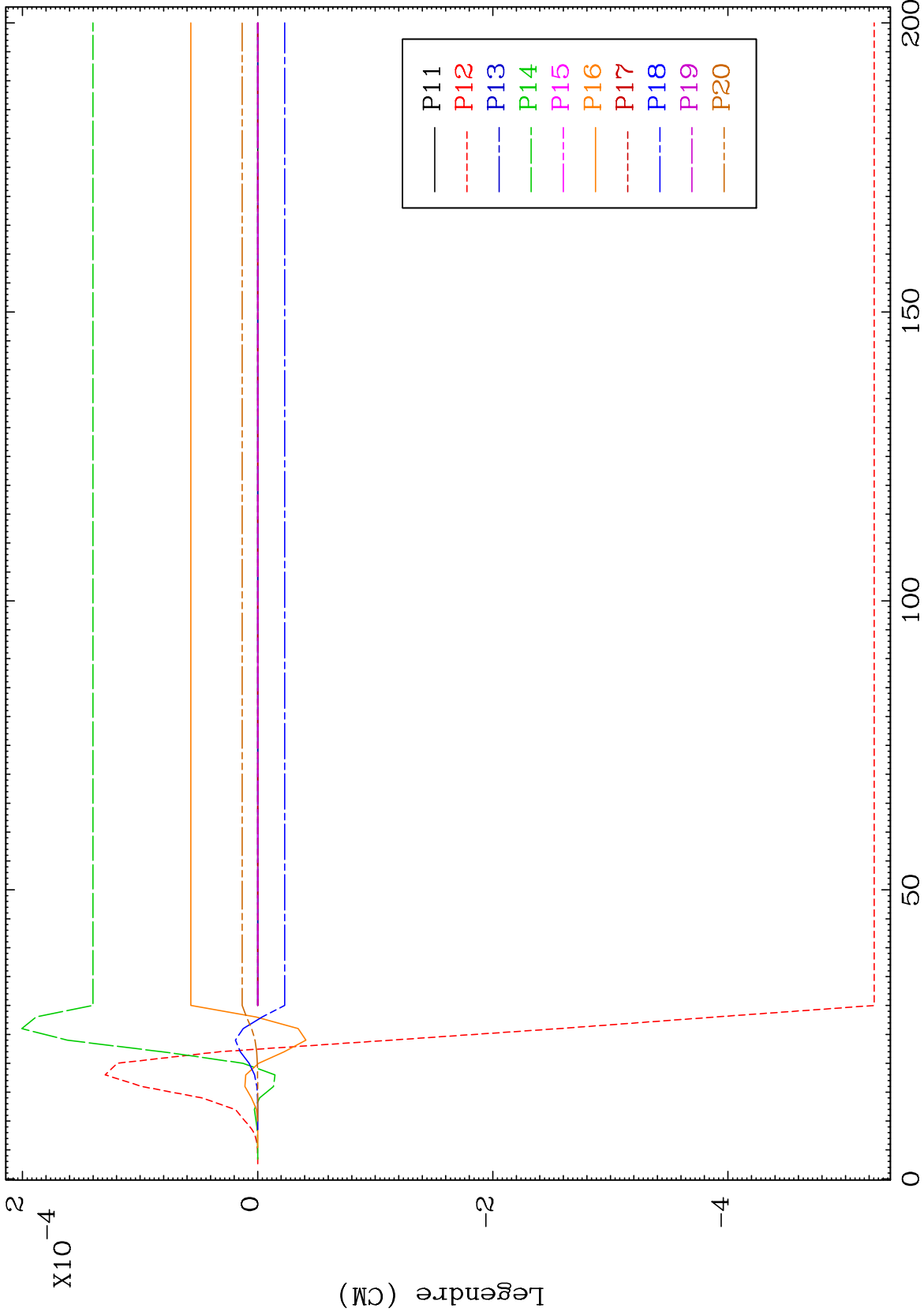
66-Dy-164

MAT 6649

MT= 66 (n,n') Level

66-Dy-164

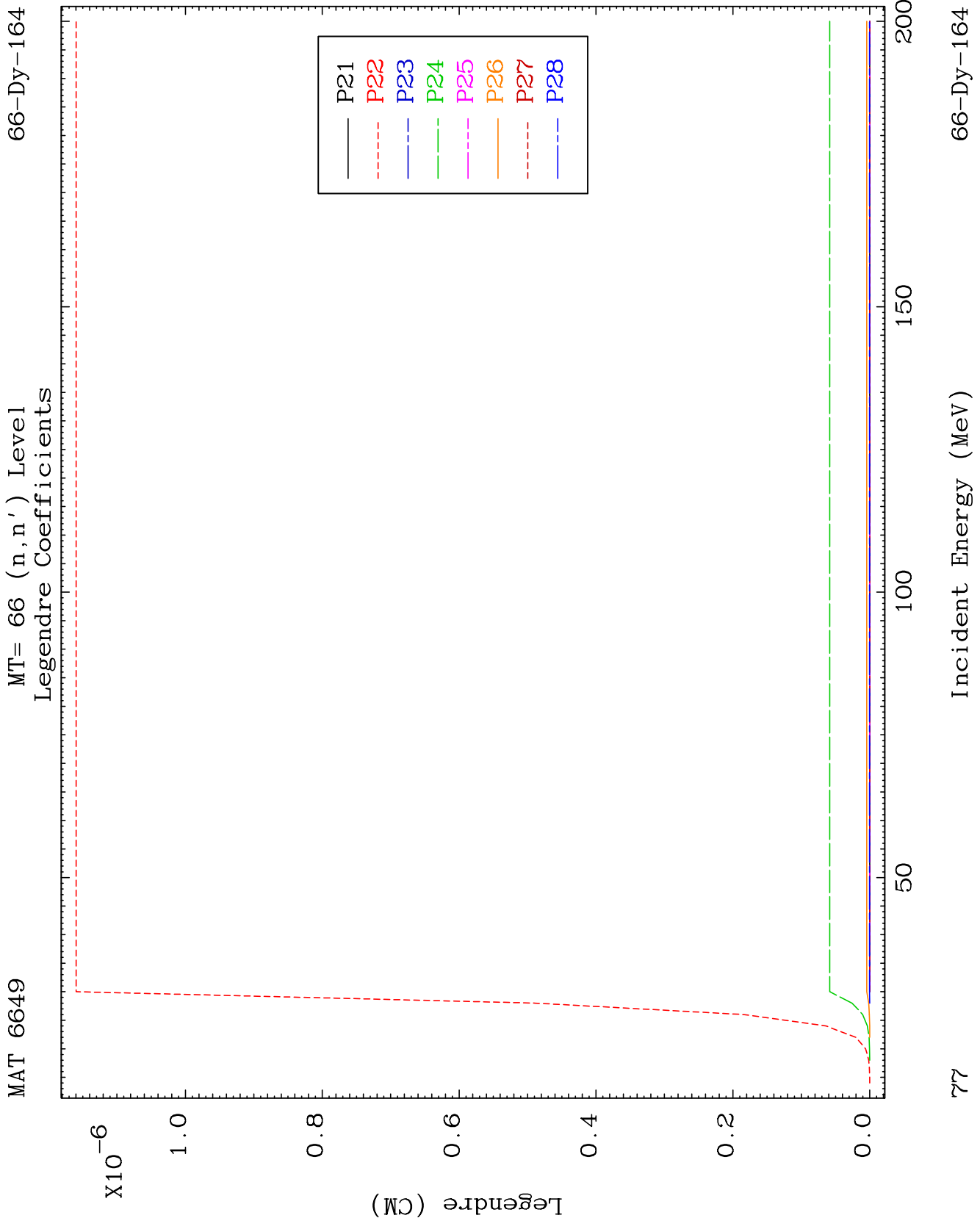
Legendre Coefficients



76

Incident Energy (MeV)

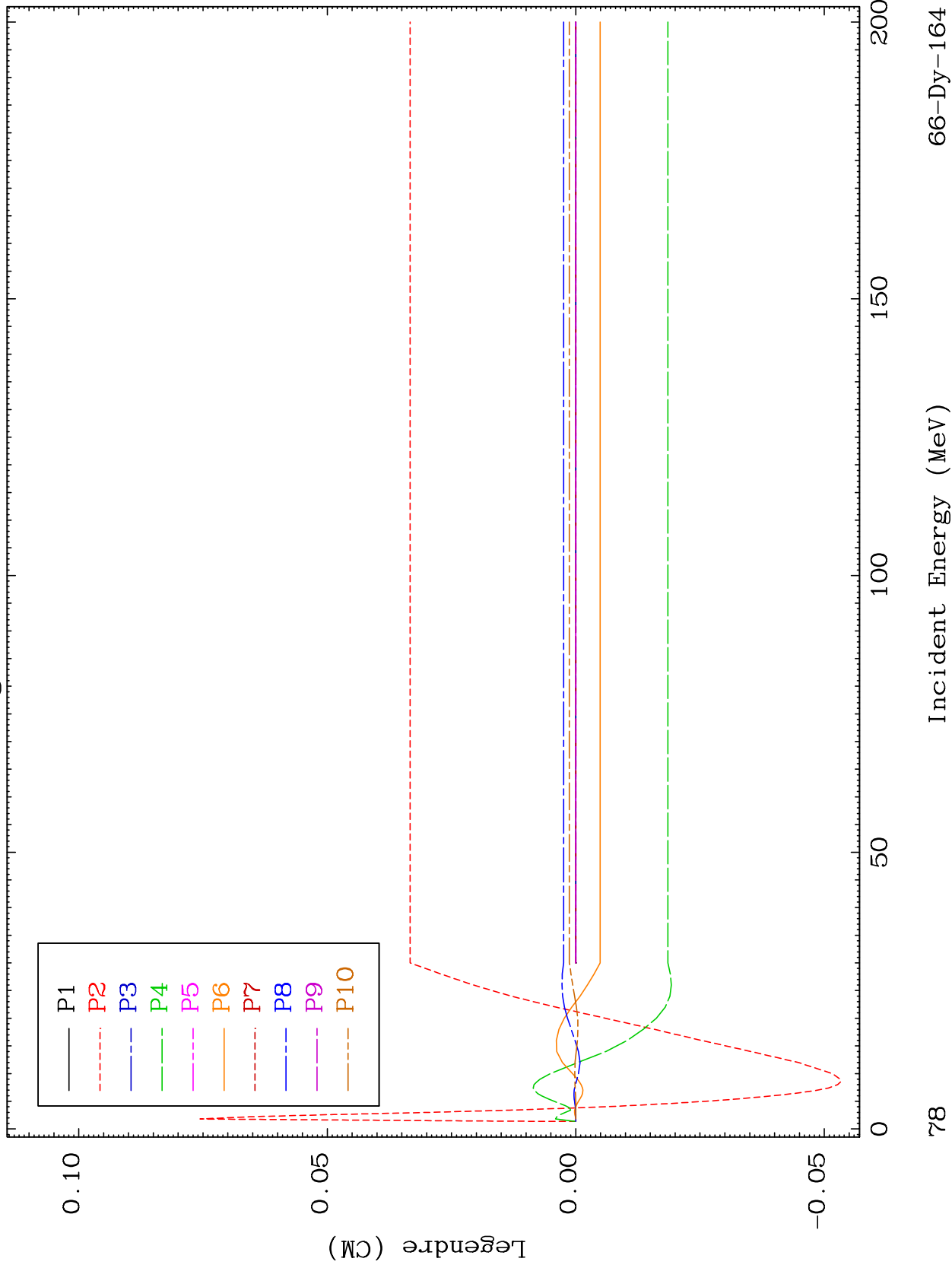
66-Dy-164

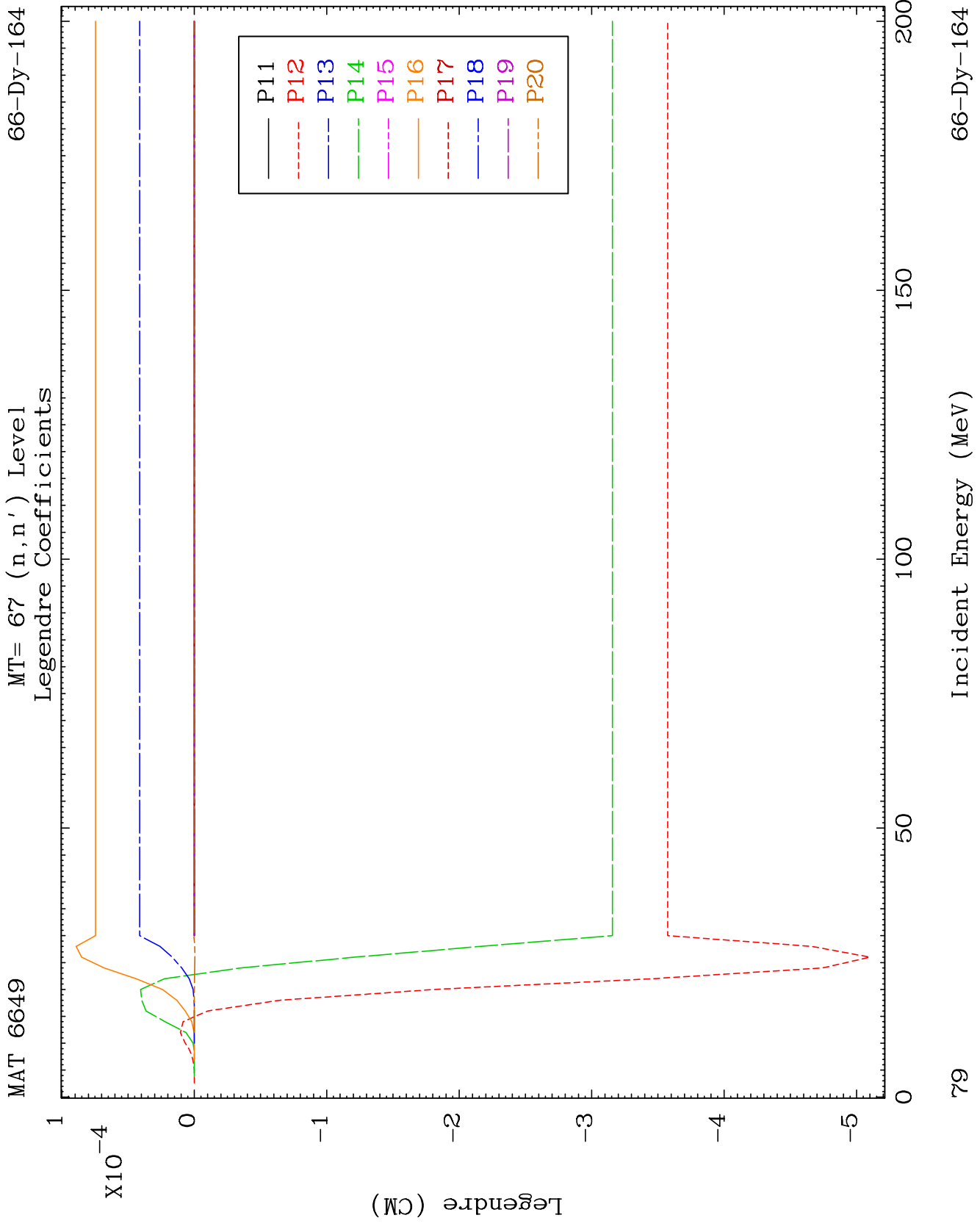


MAT 6649

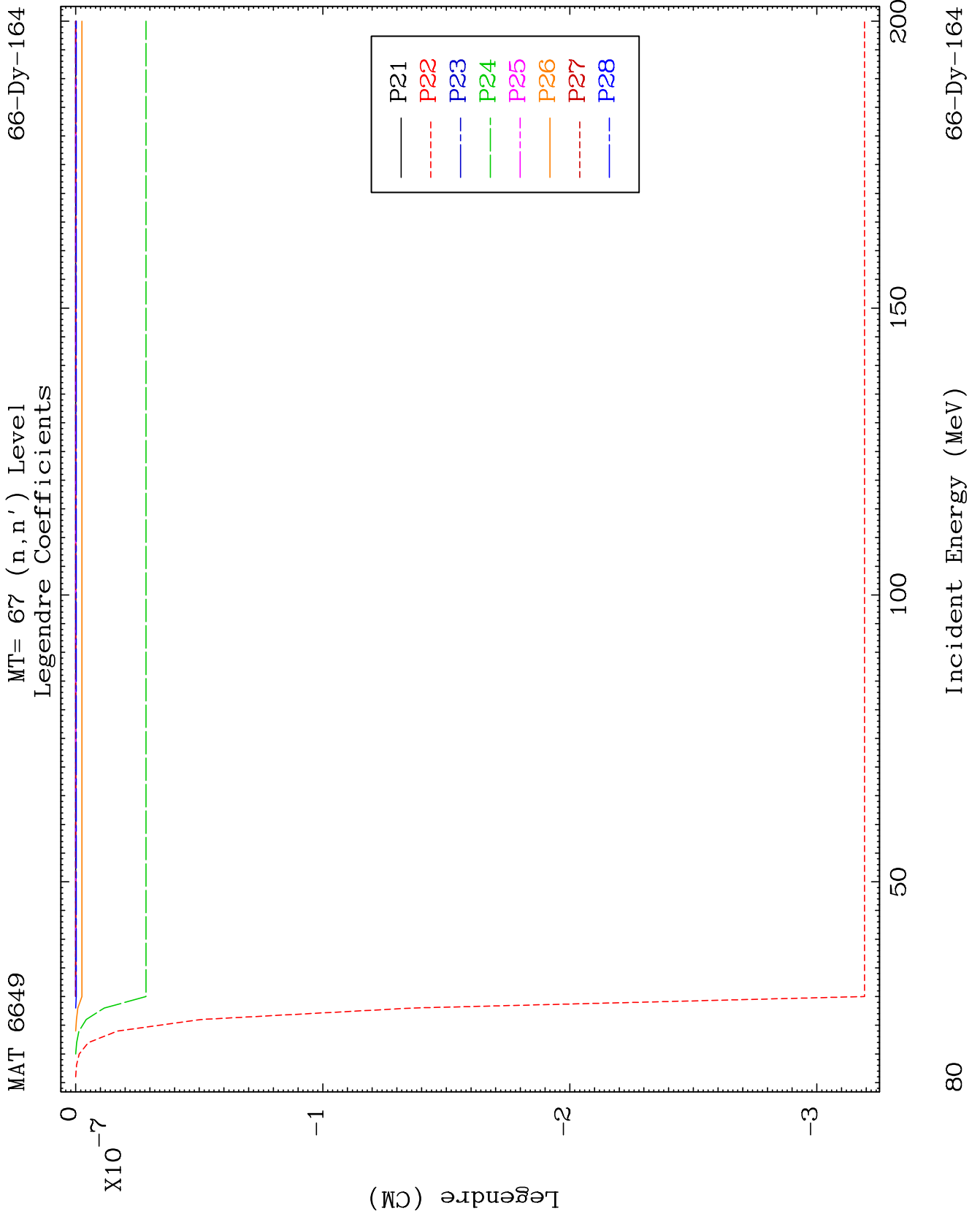
MT= 67 (n,n') Level  
Legendre Coefficients

66-Dy-164





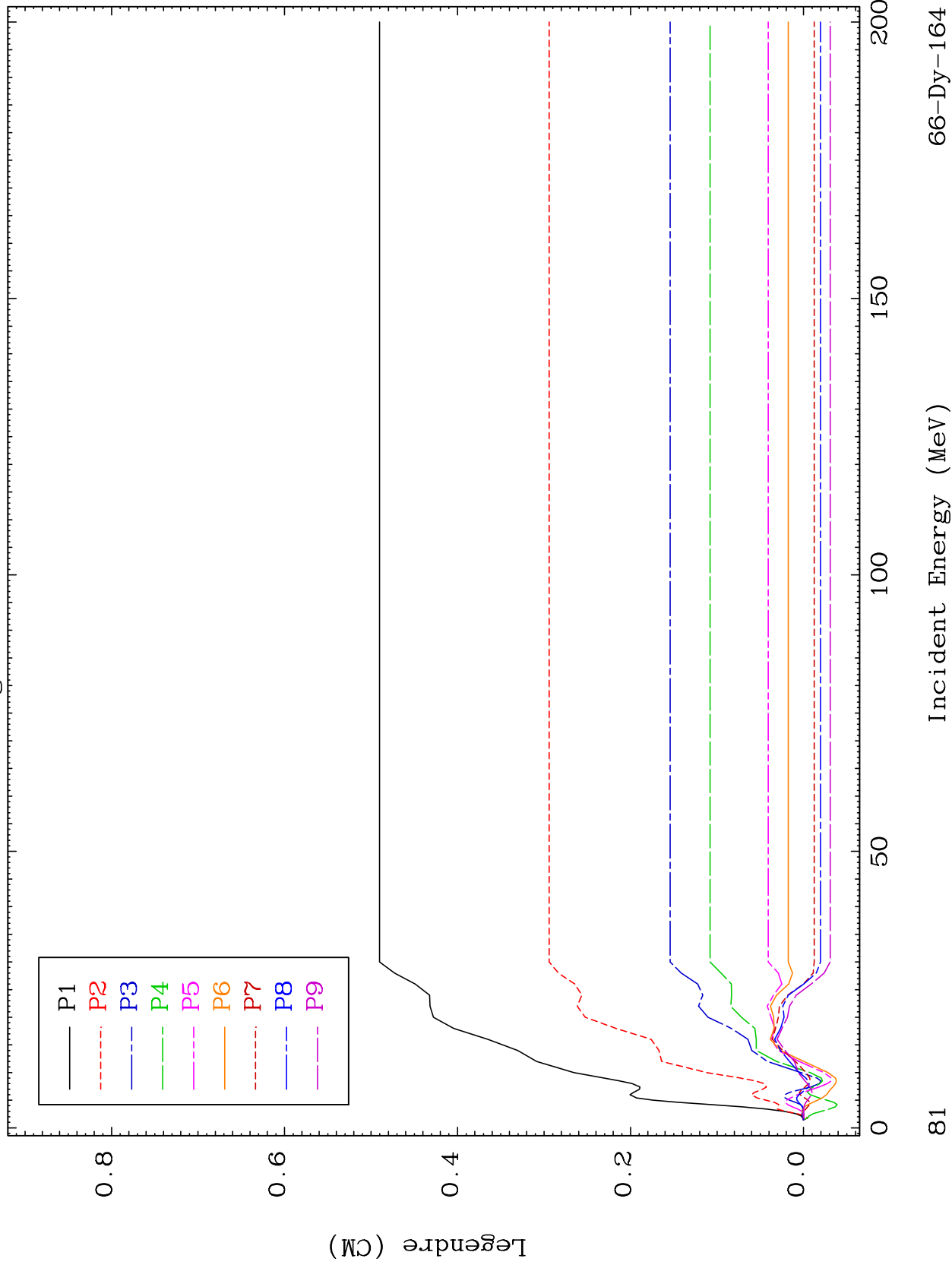




MAT 6649

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

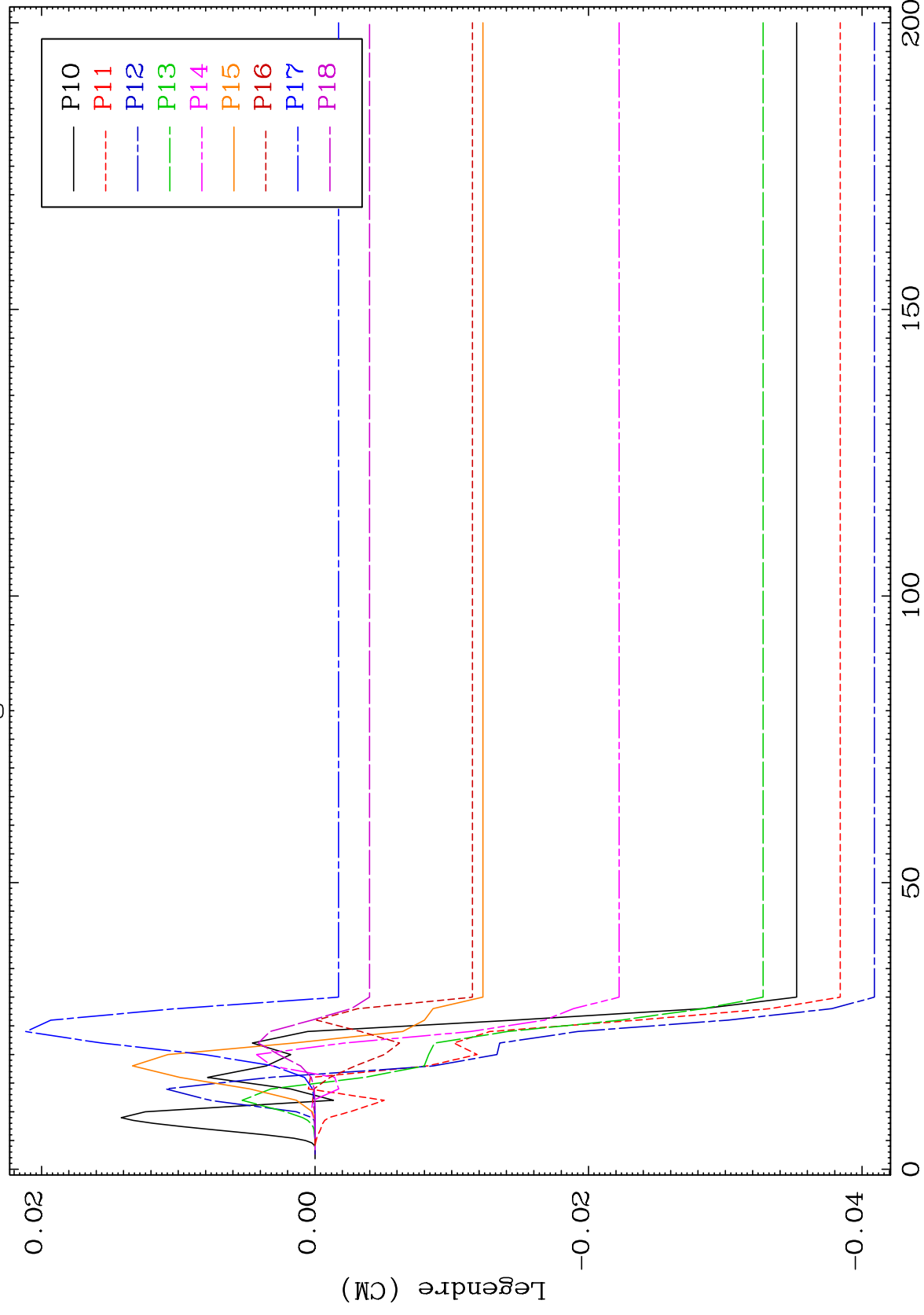
66-Dy-164



MAT 6649

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

66-Dy-164



82

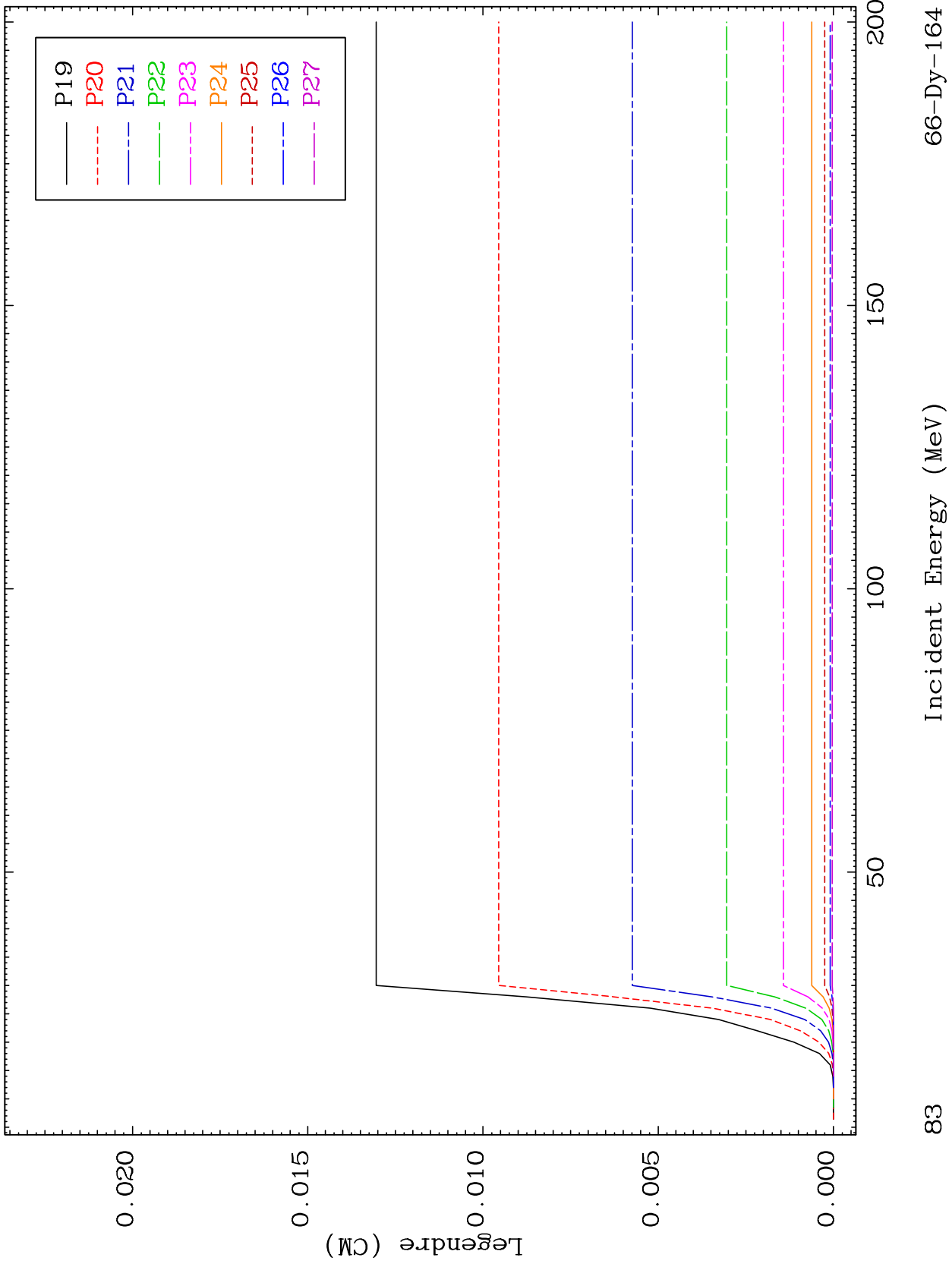
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



83

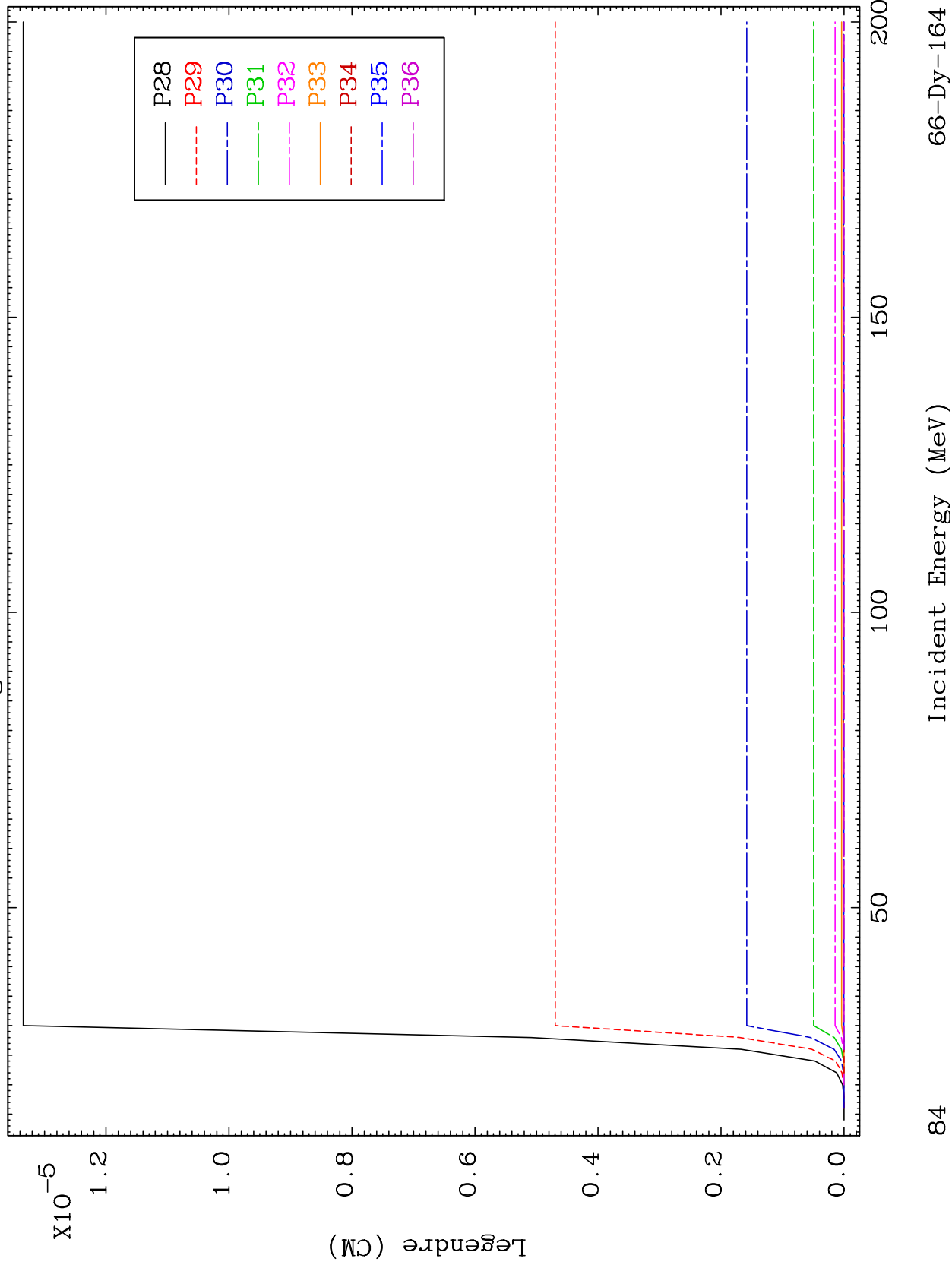
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

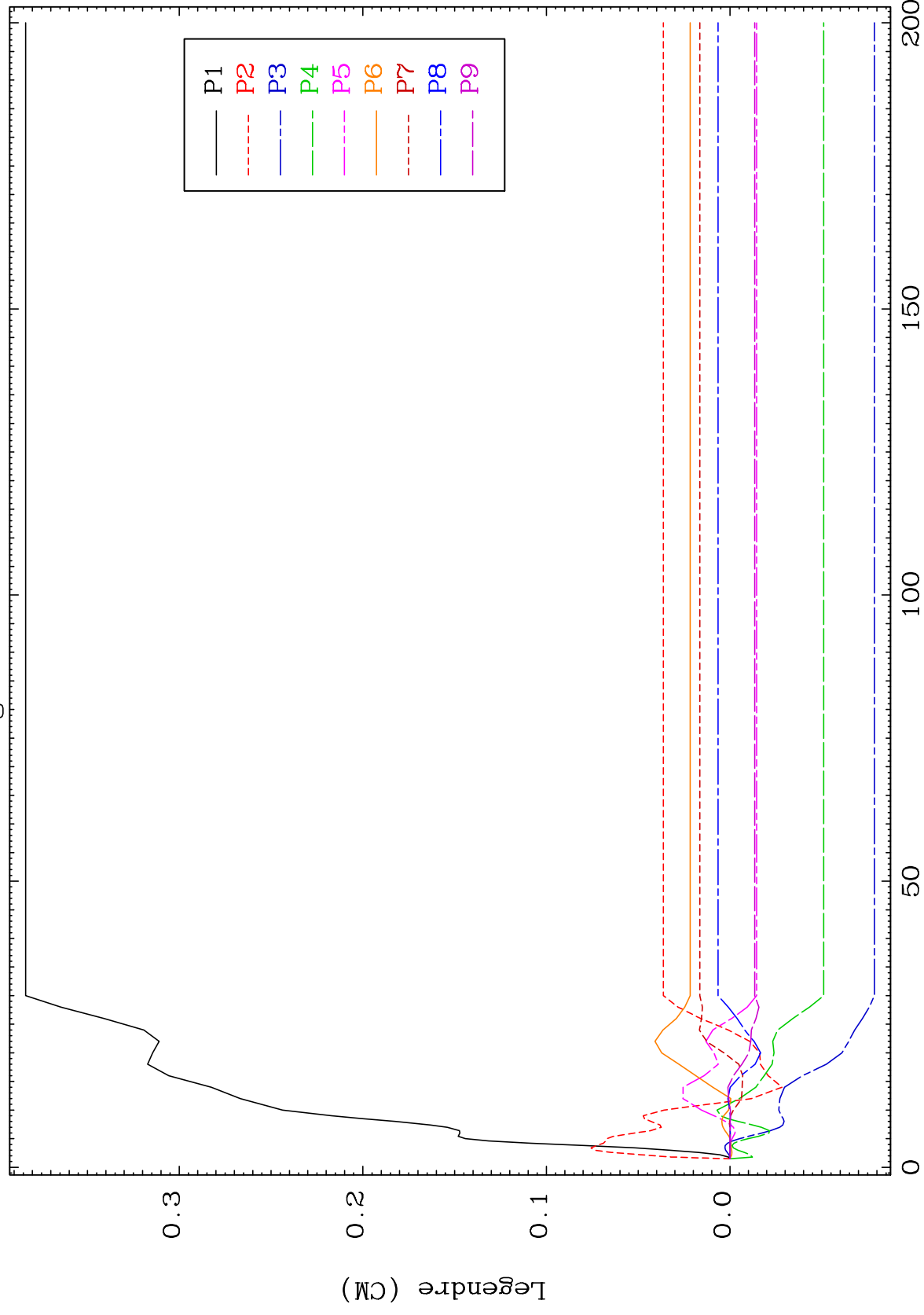
66-Dy-164



MAT 6649

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

66-Dy-164



85

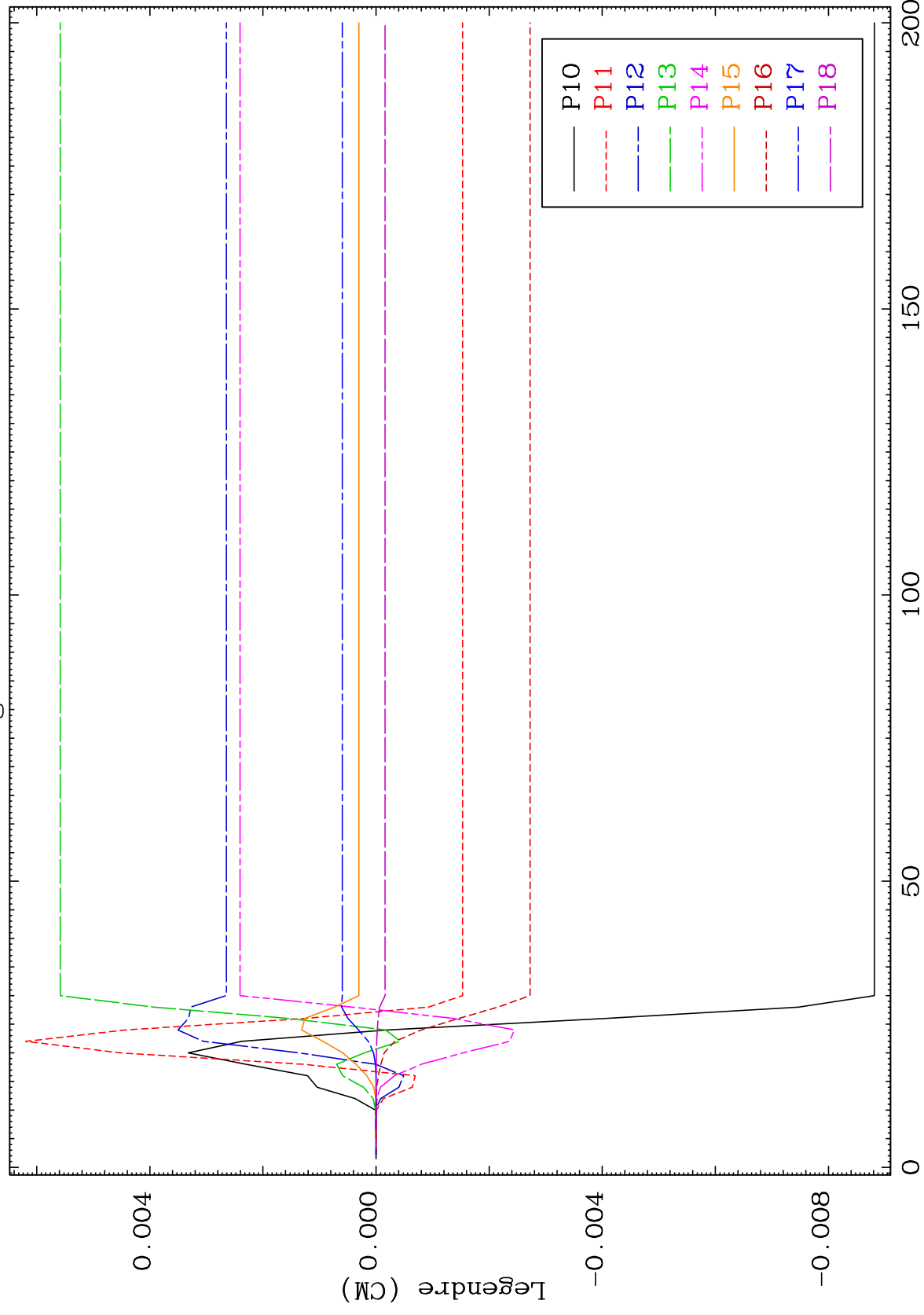
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



86

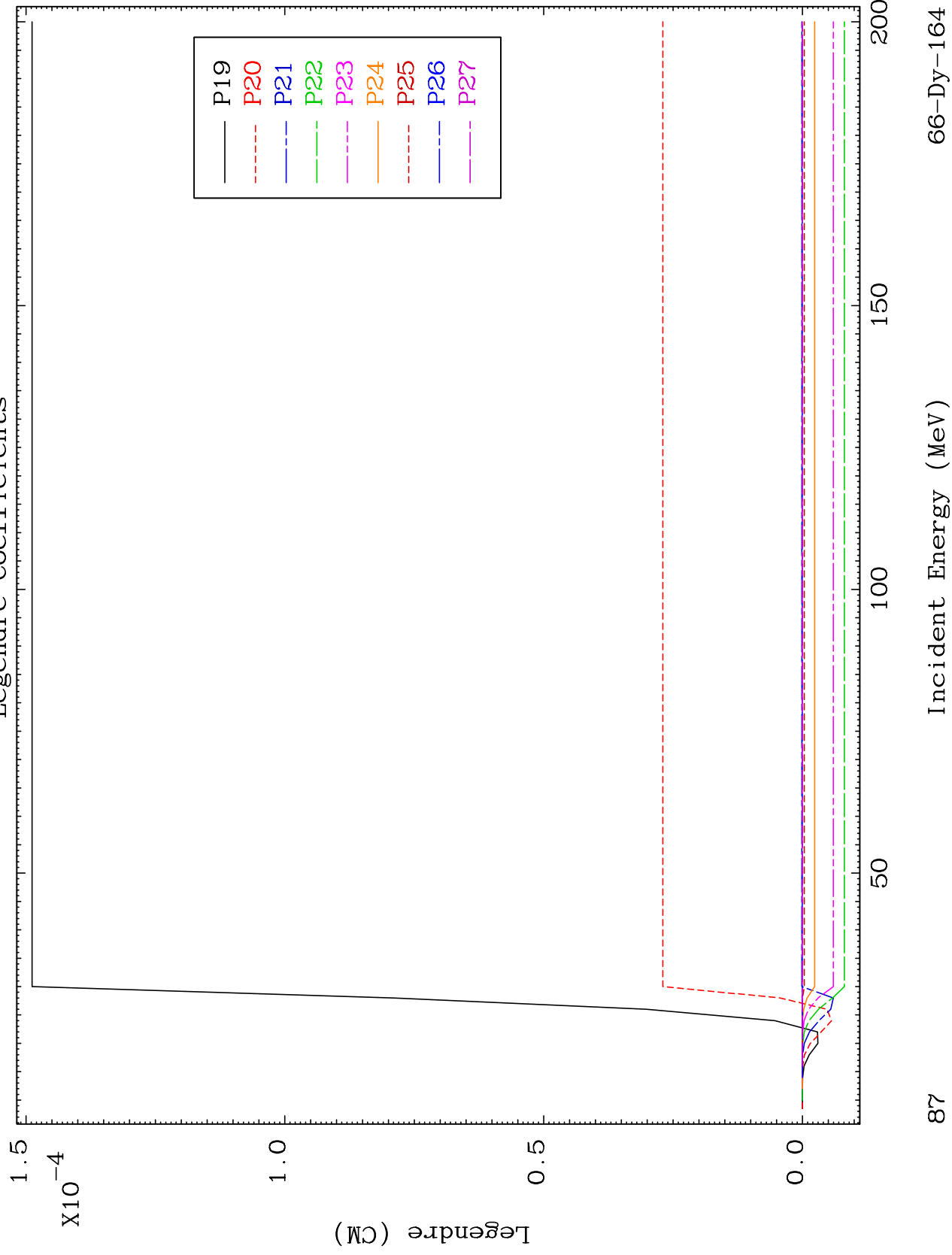
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



87

Incident Energy (MeV)

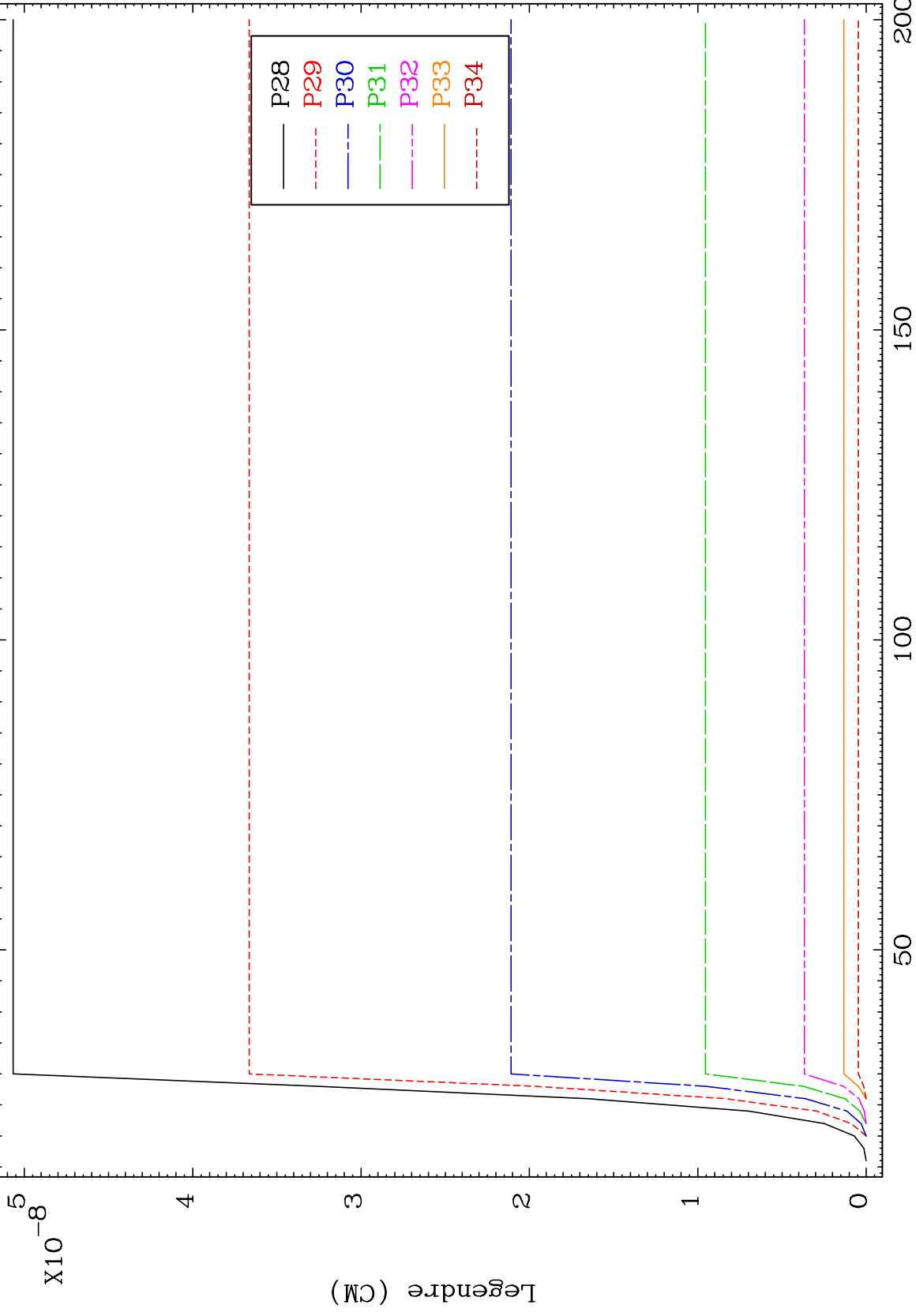
66-Dy-164



MAT 6649

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

66-Dy-164



88

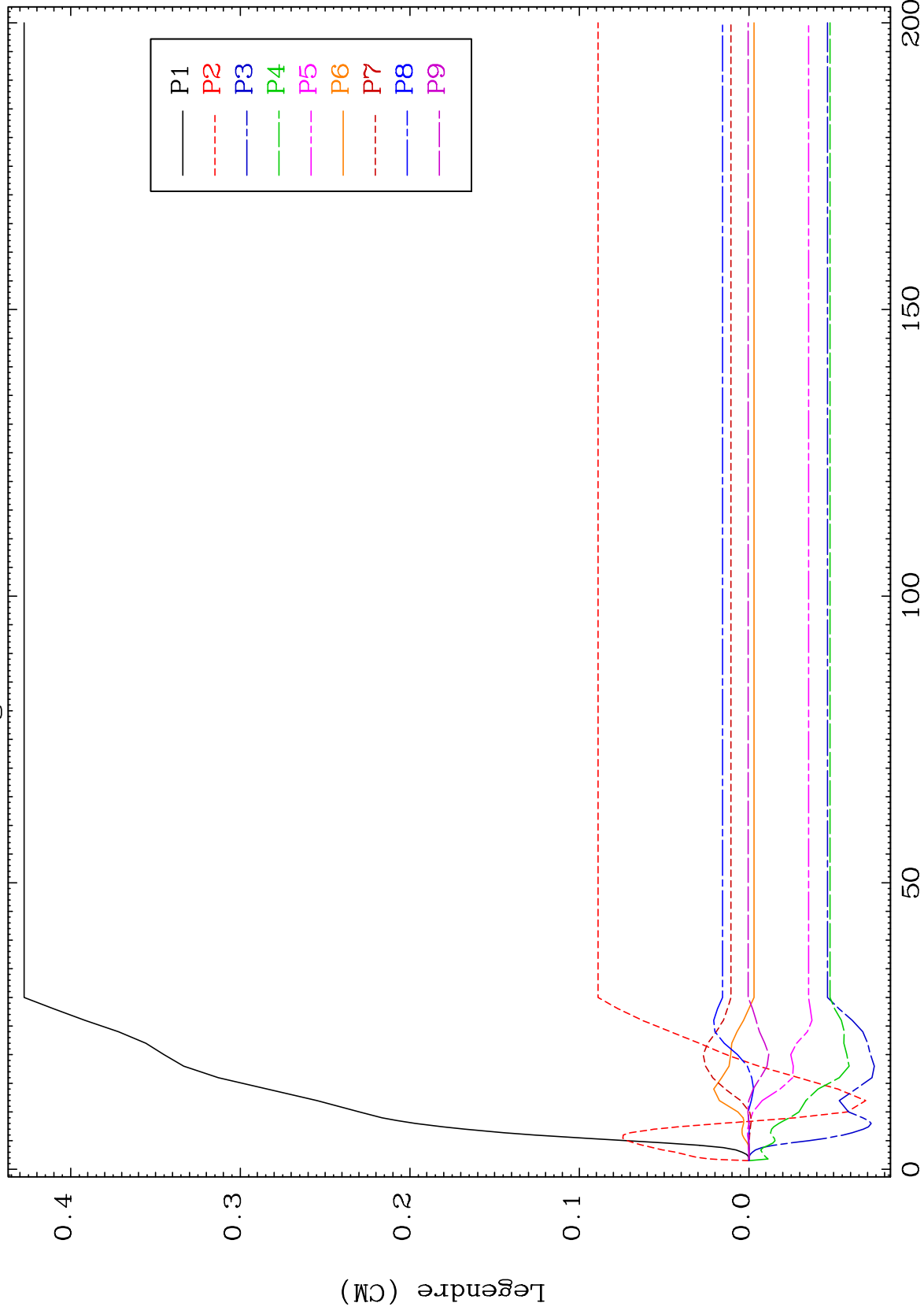
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



89

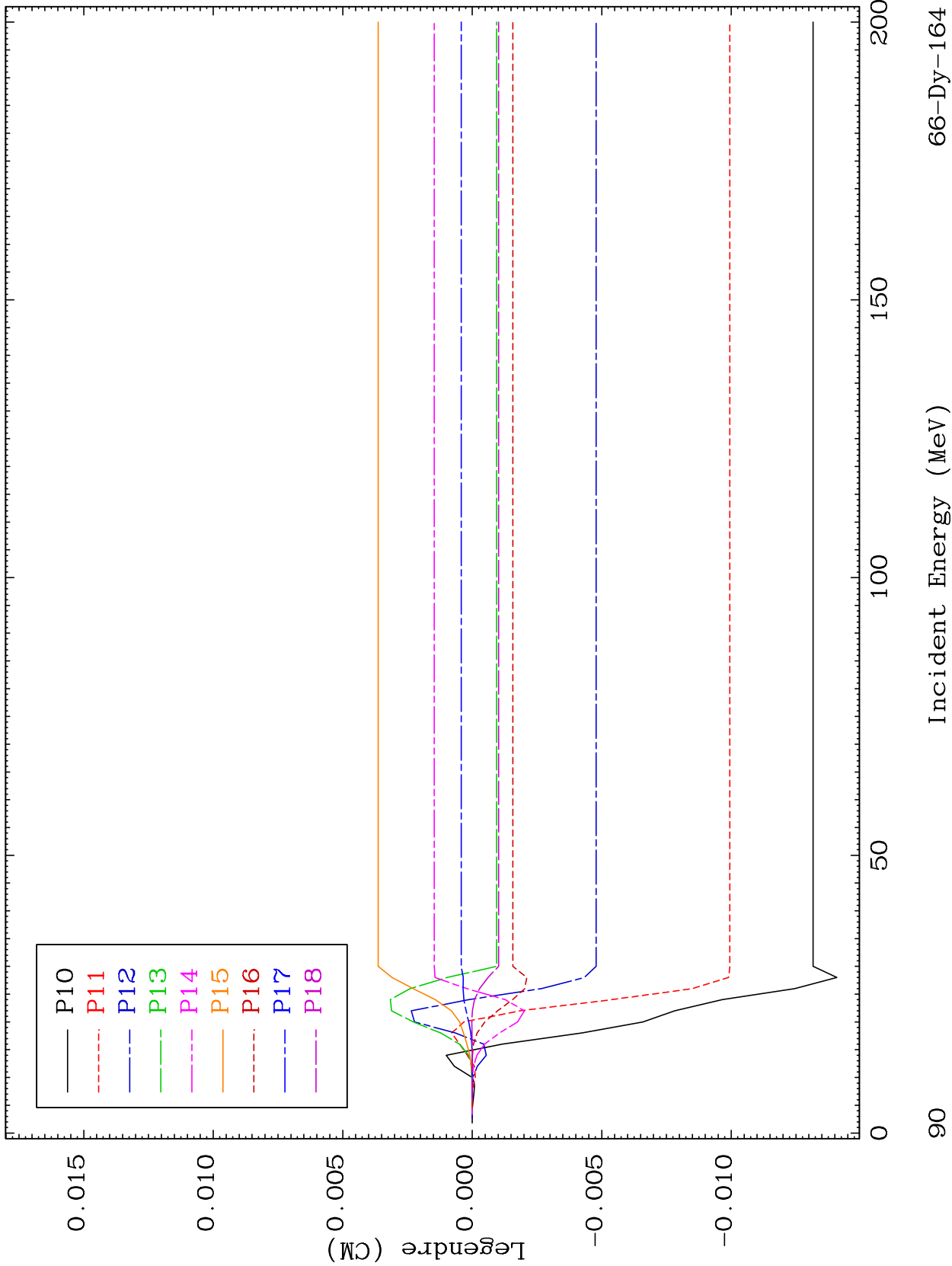
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

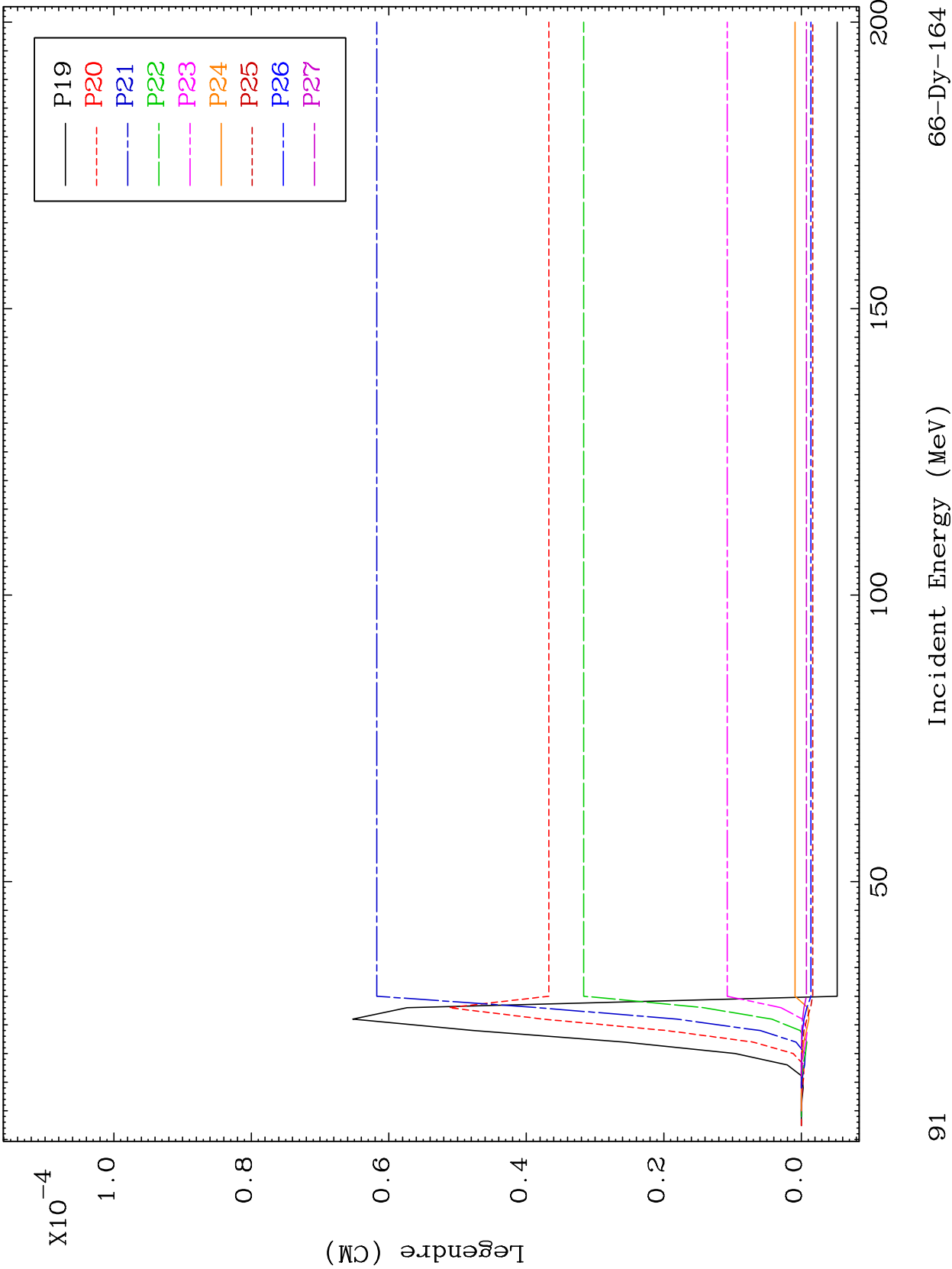
66-Dy-164



MAT 6649

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

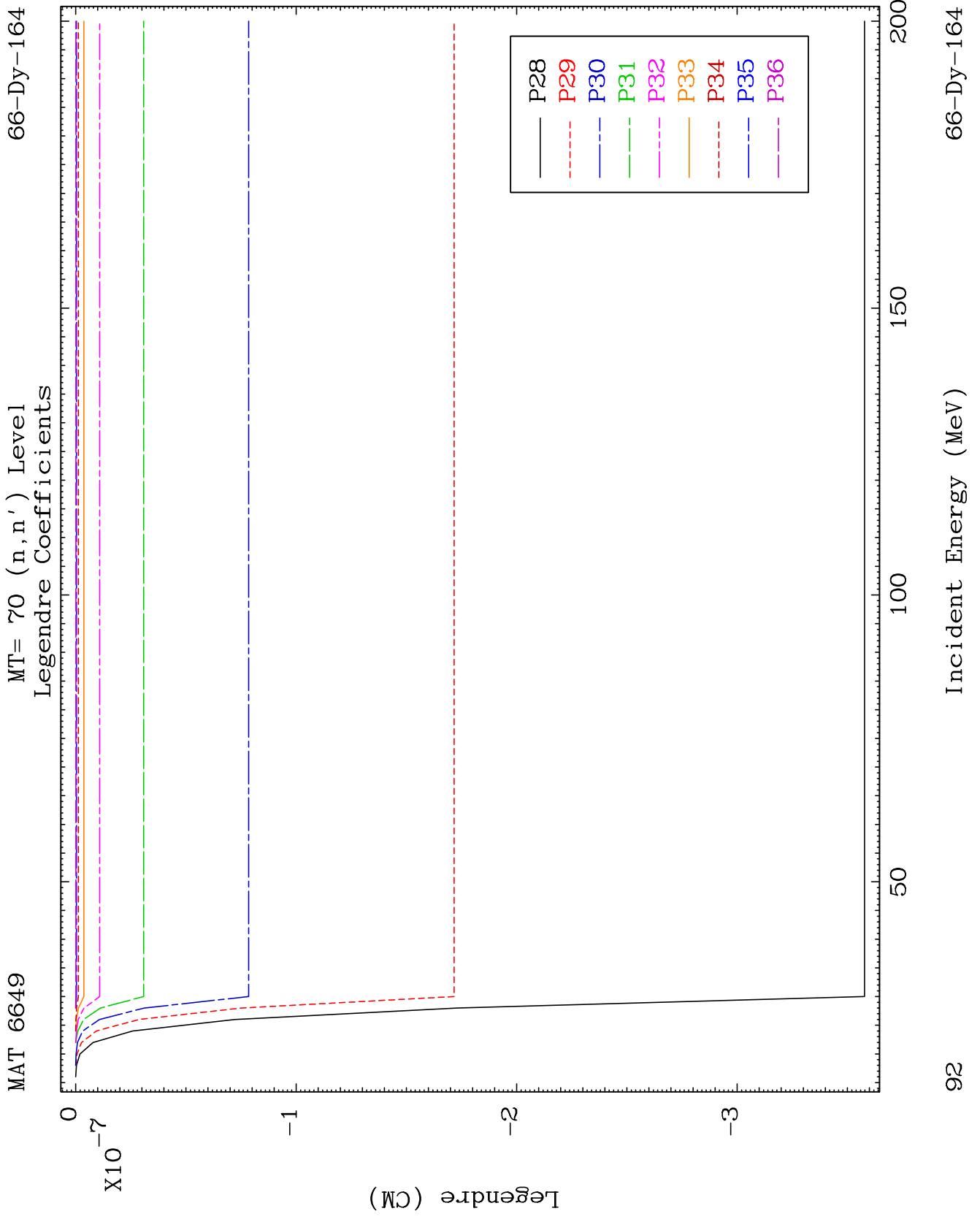
66-Dy-164

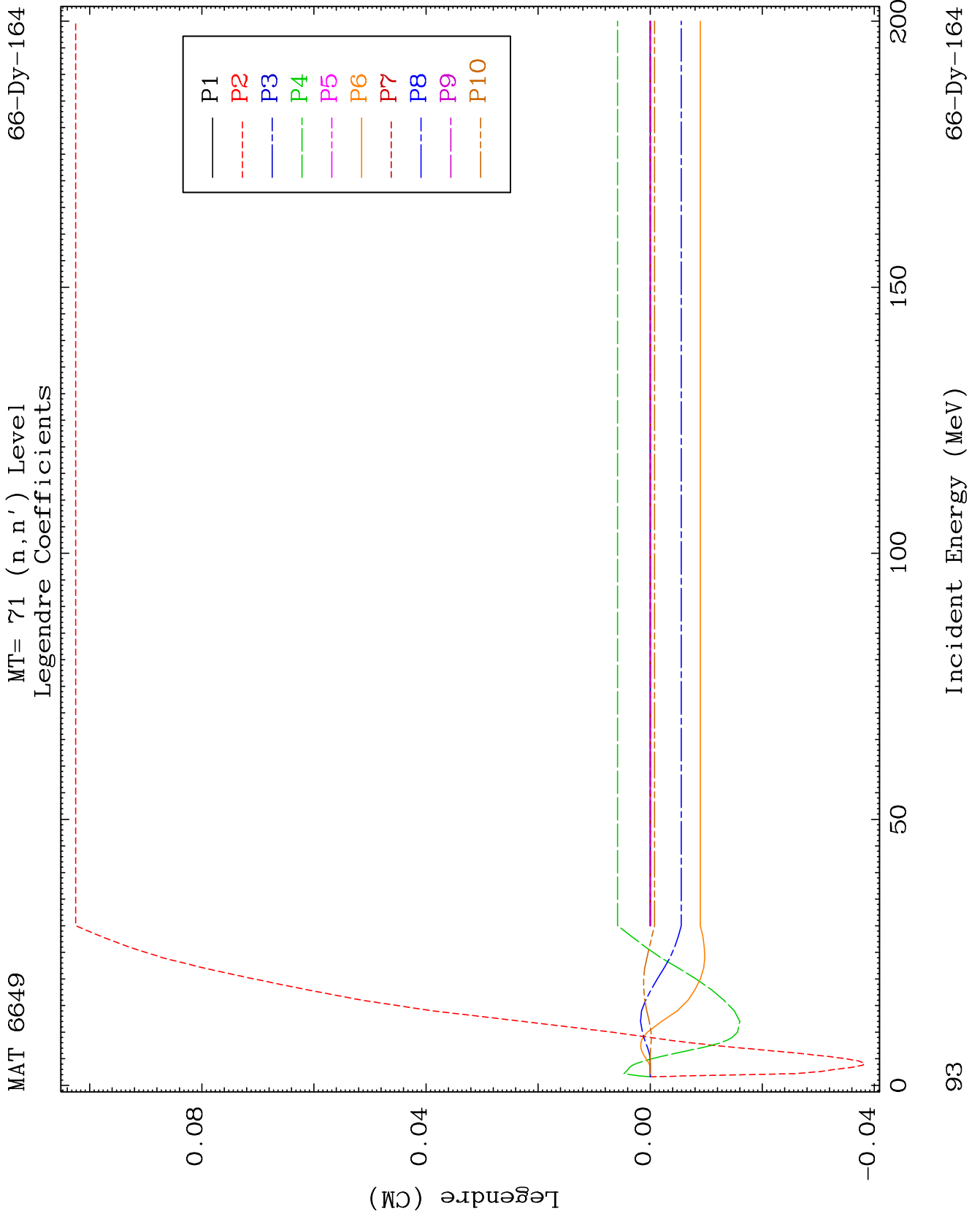


91

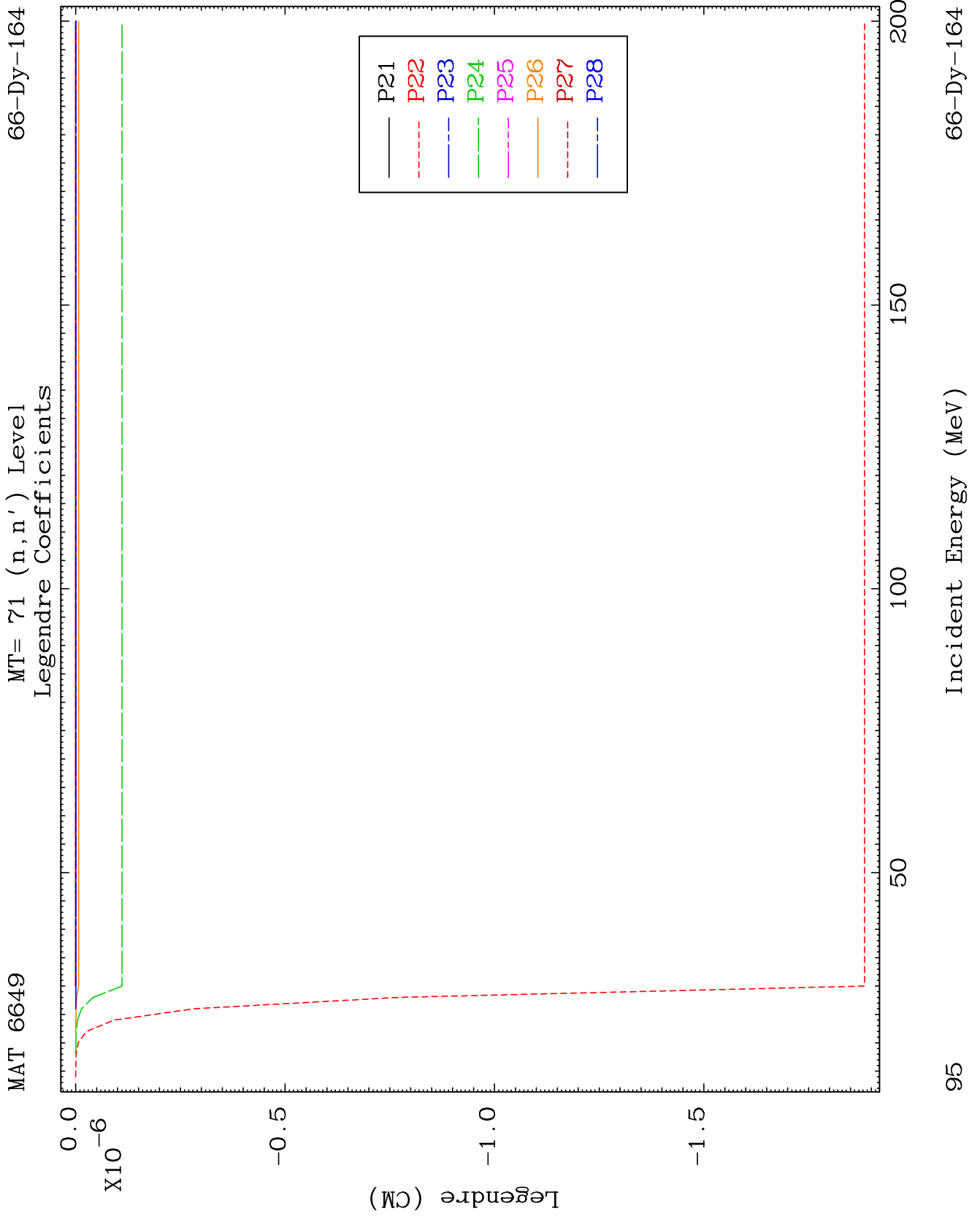
Incident Energy (MeV)

66-Dy-164







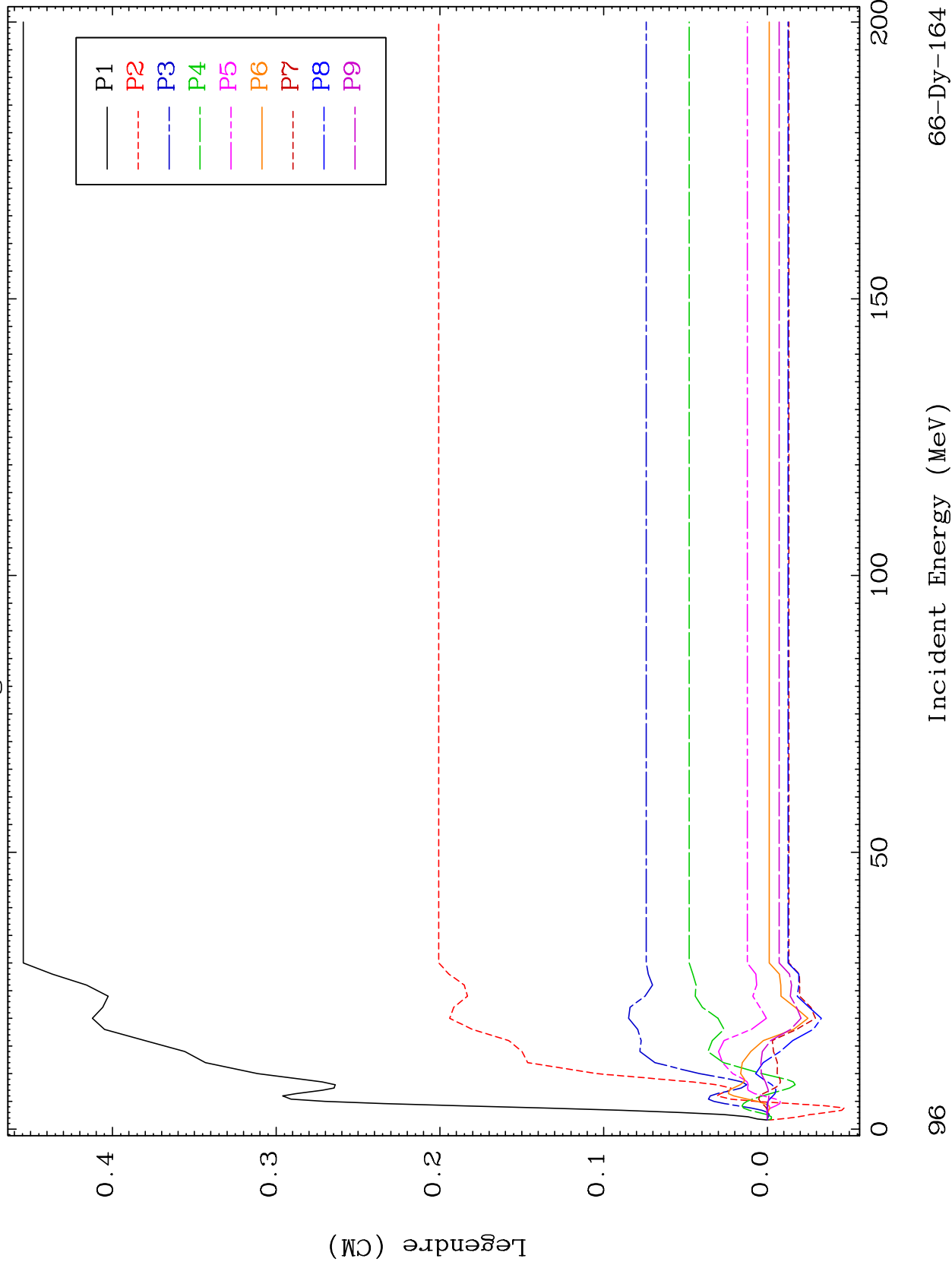




MAT 6649

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

66-Dy-164



66-Dy-164

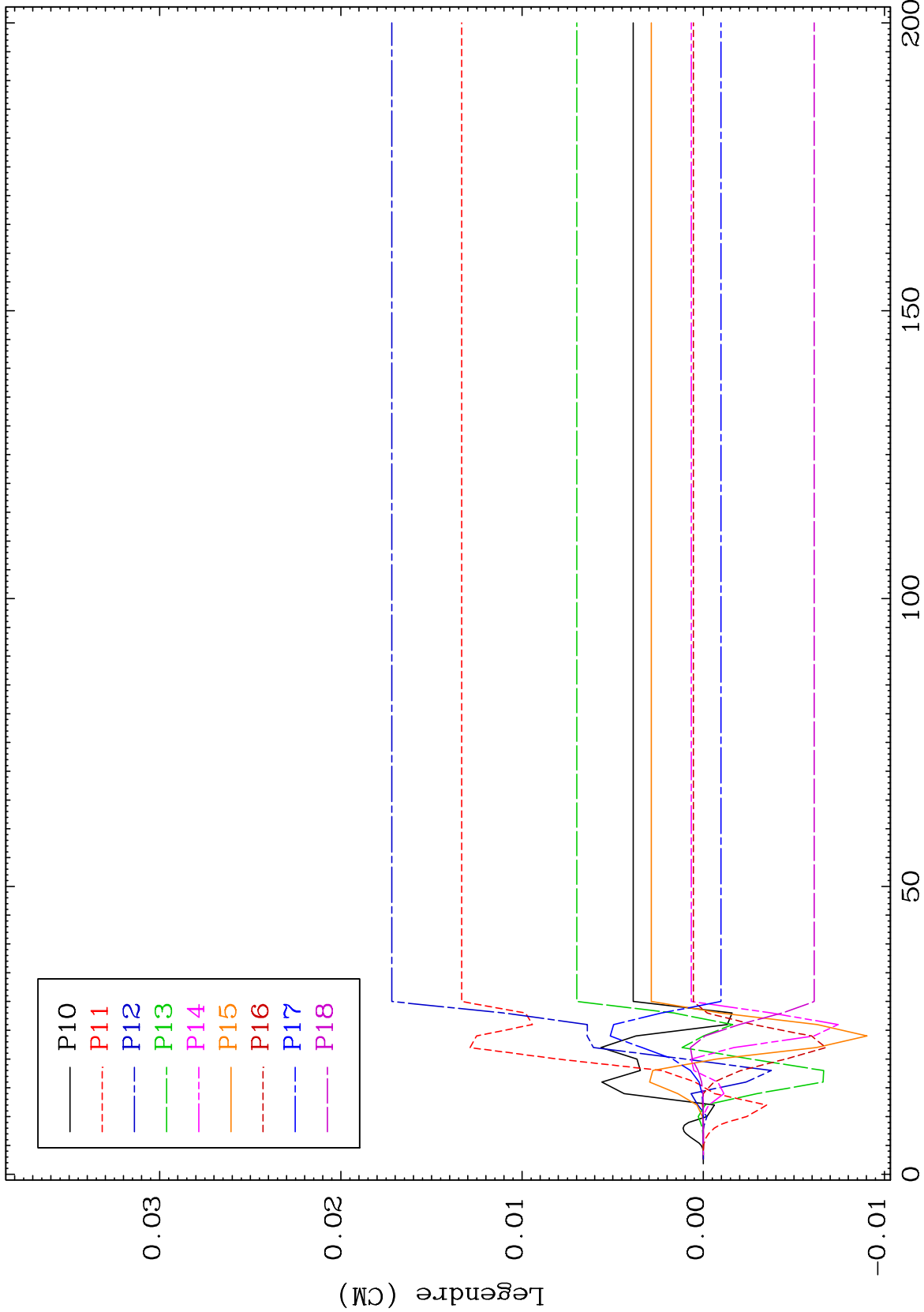
Incident Energy (MeV)

96

MAT 6649

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

66-Dy-164



97

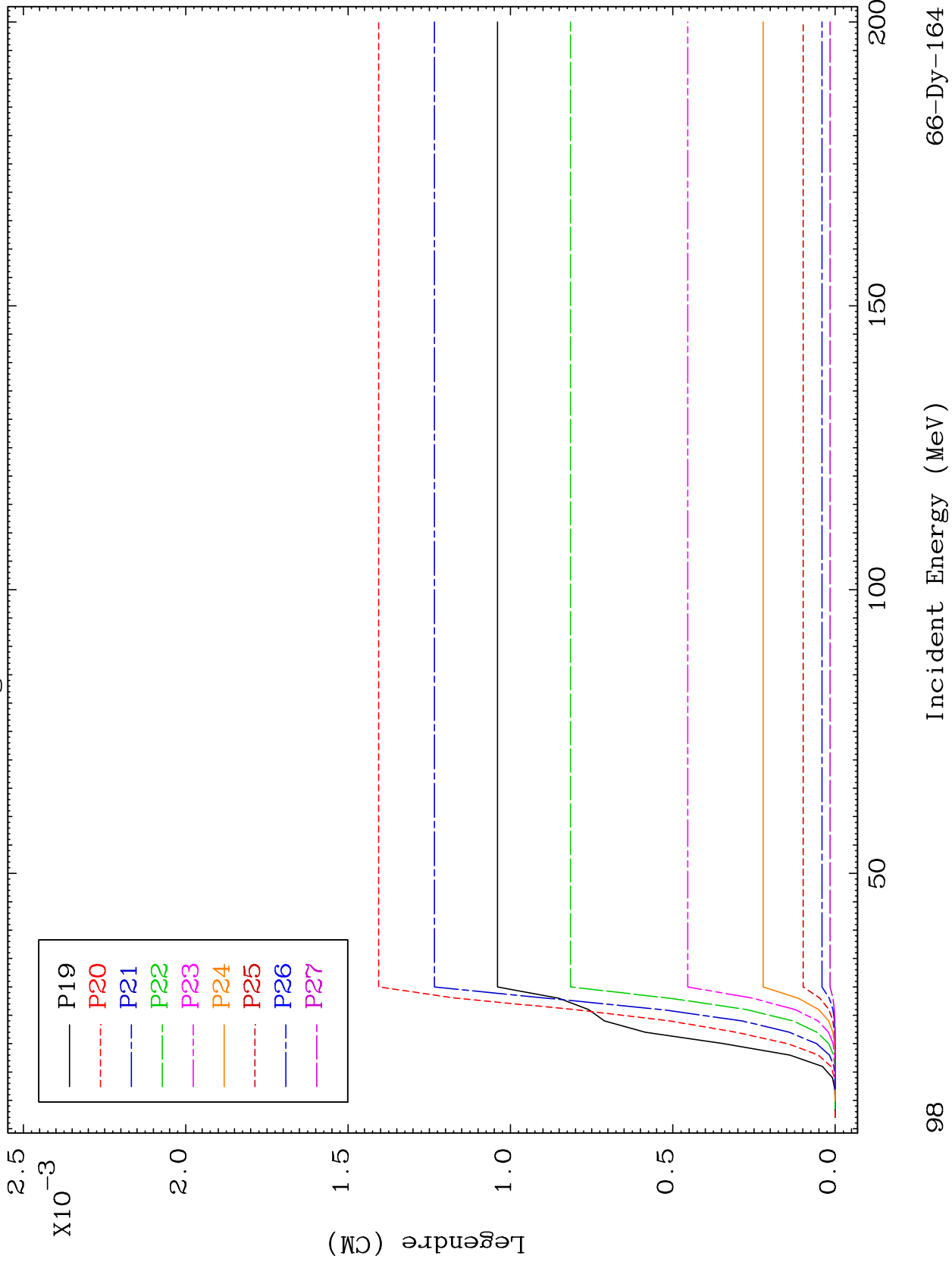
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

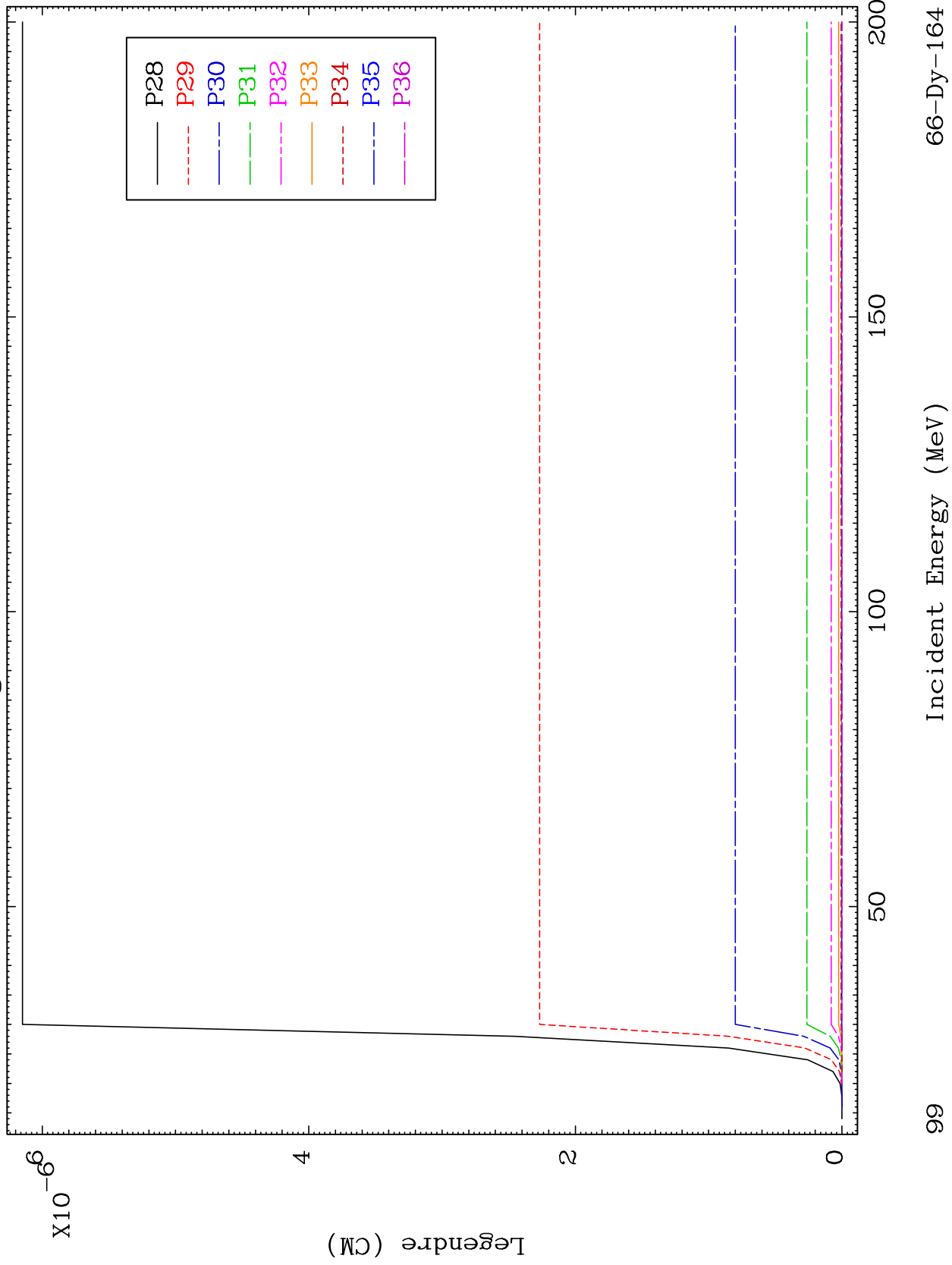
66-Dy-164



MAT 6649

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

66-Dy-164



99

Incident Energy (MeV)

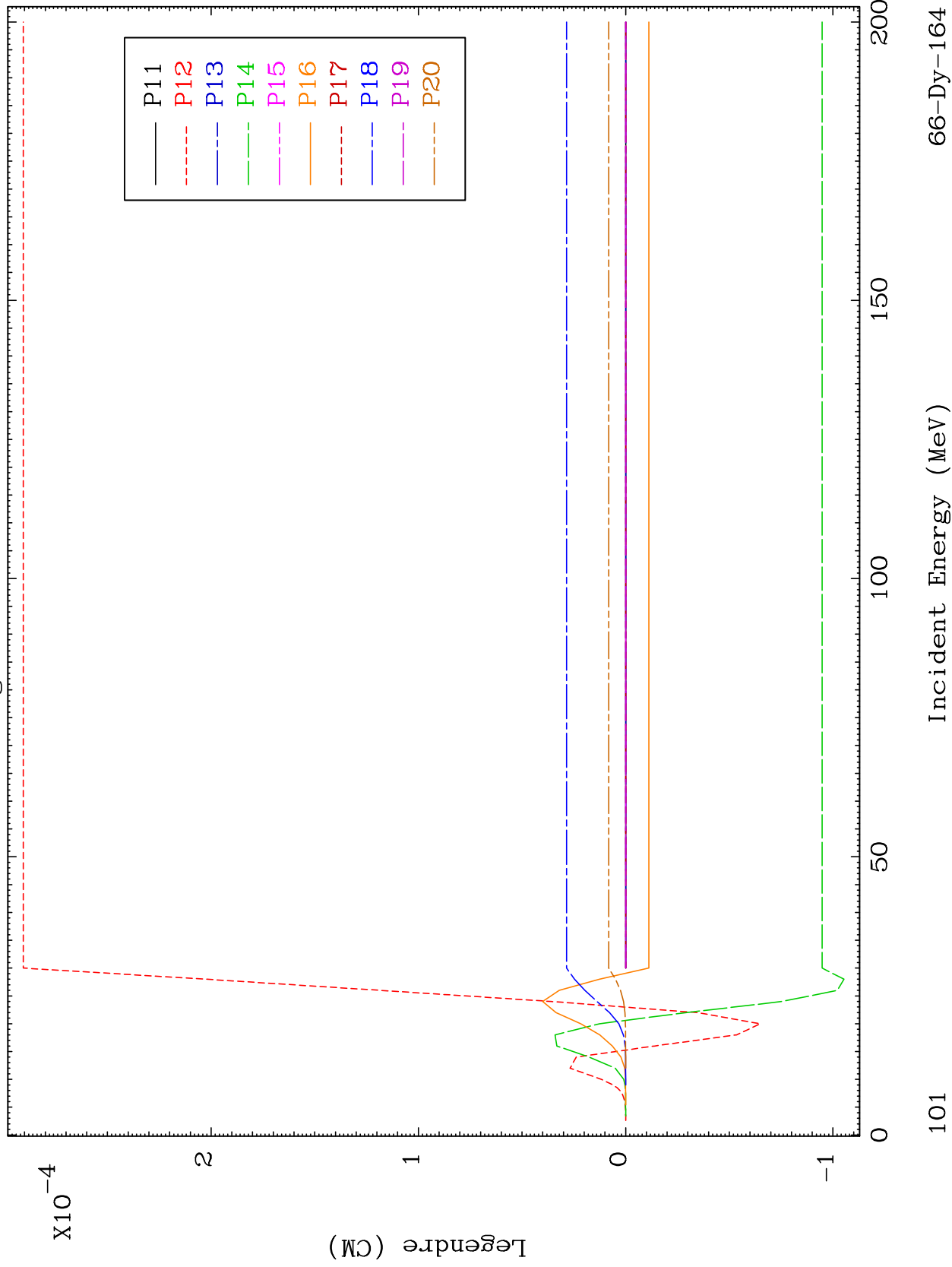
66-Dy-164



MAT 6649

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

66-Dy-164



101

Incident Energy (MeV)

66-Dy-164



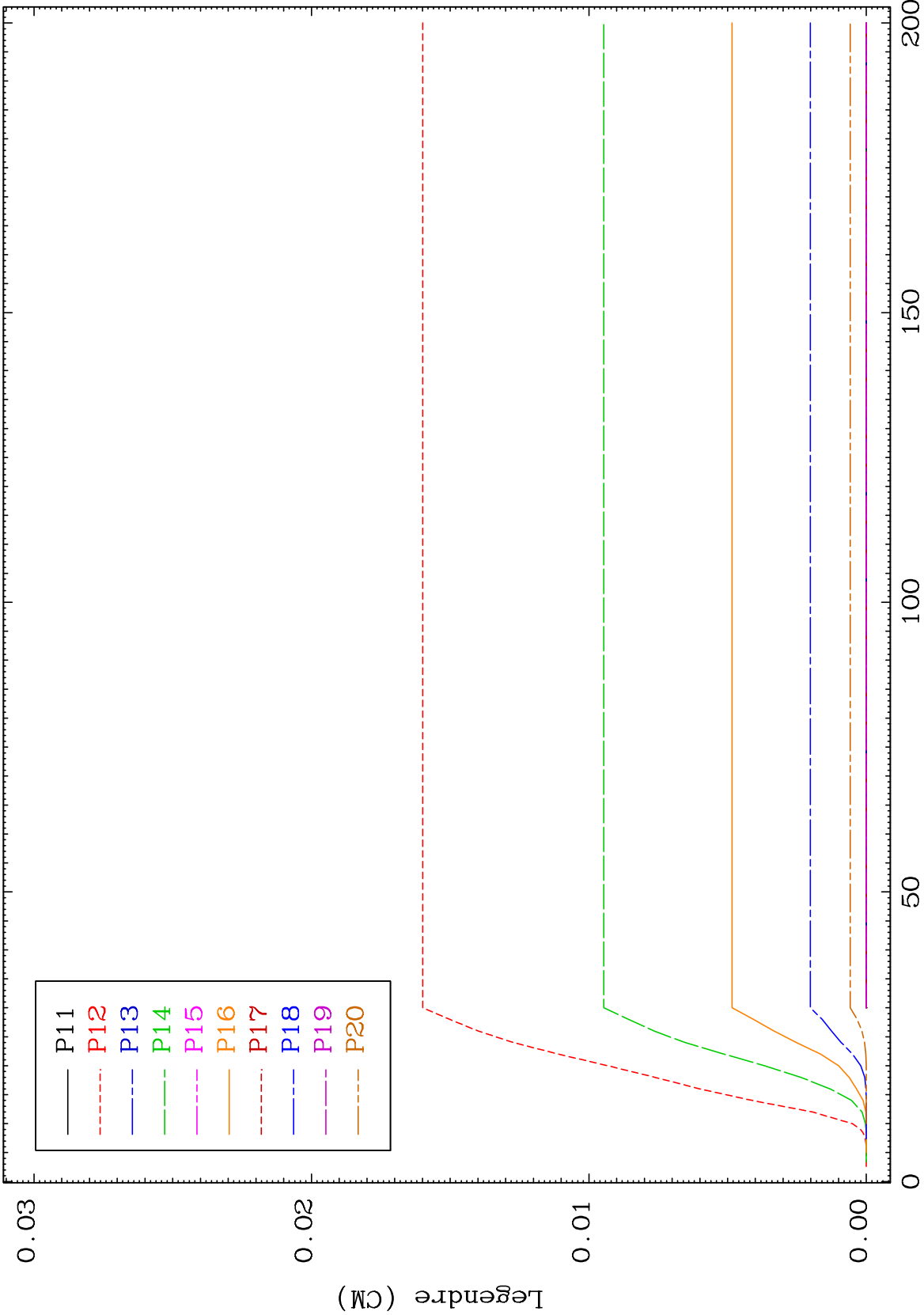




MAT 6649

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

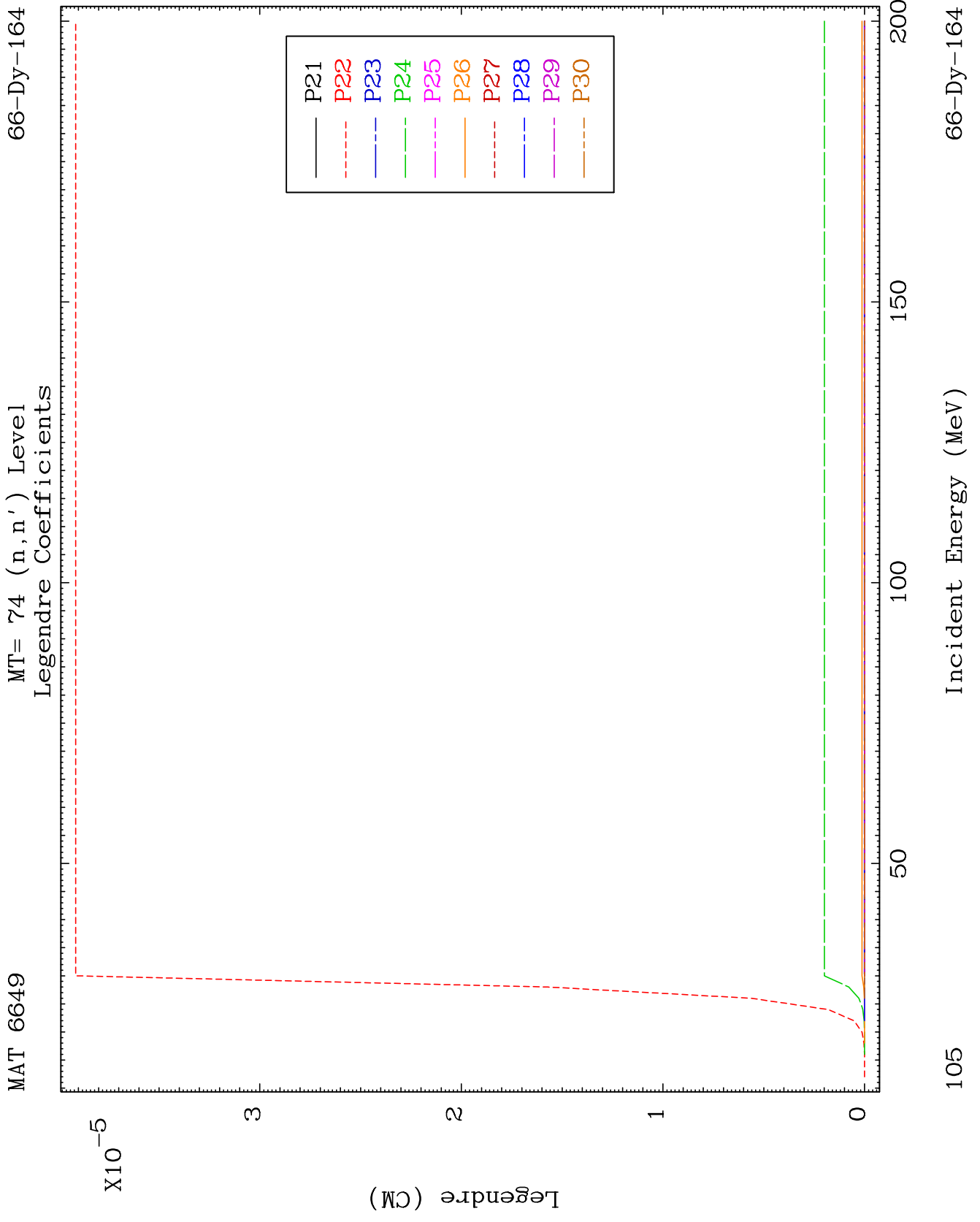
66-Dy-164



104

Incident Energy (MeV)

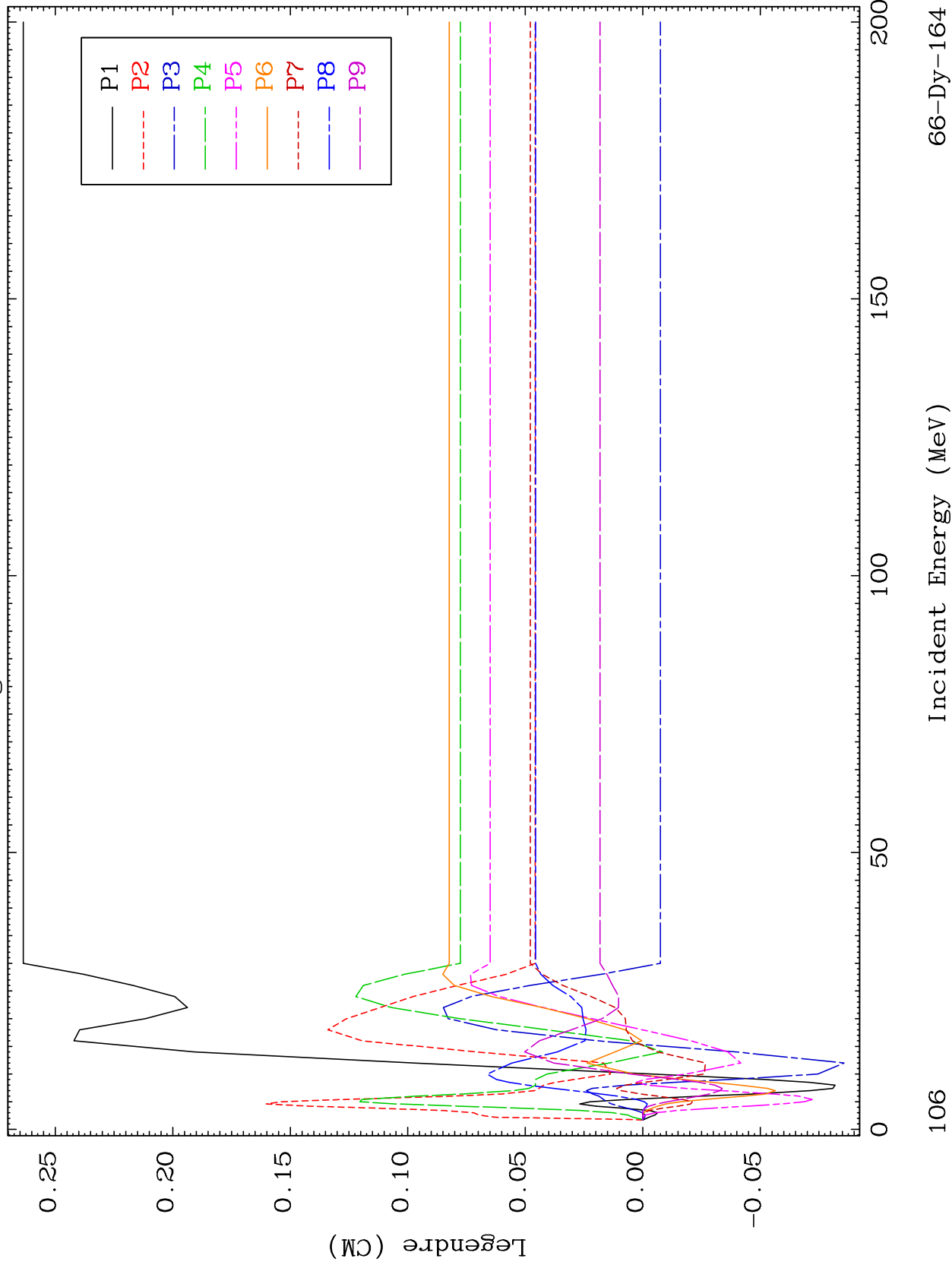
66-Dy-164



MAT 6649

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

66-Dy-164



66-Dy-164

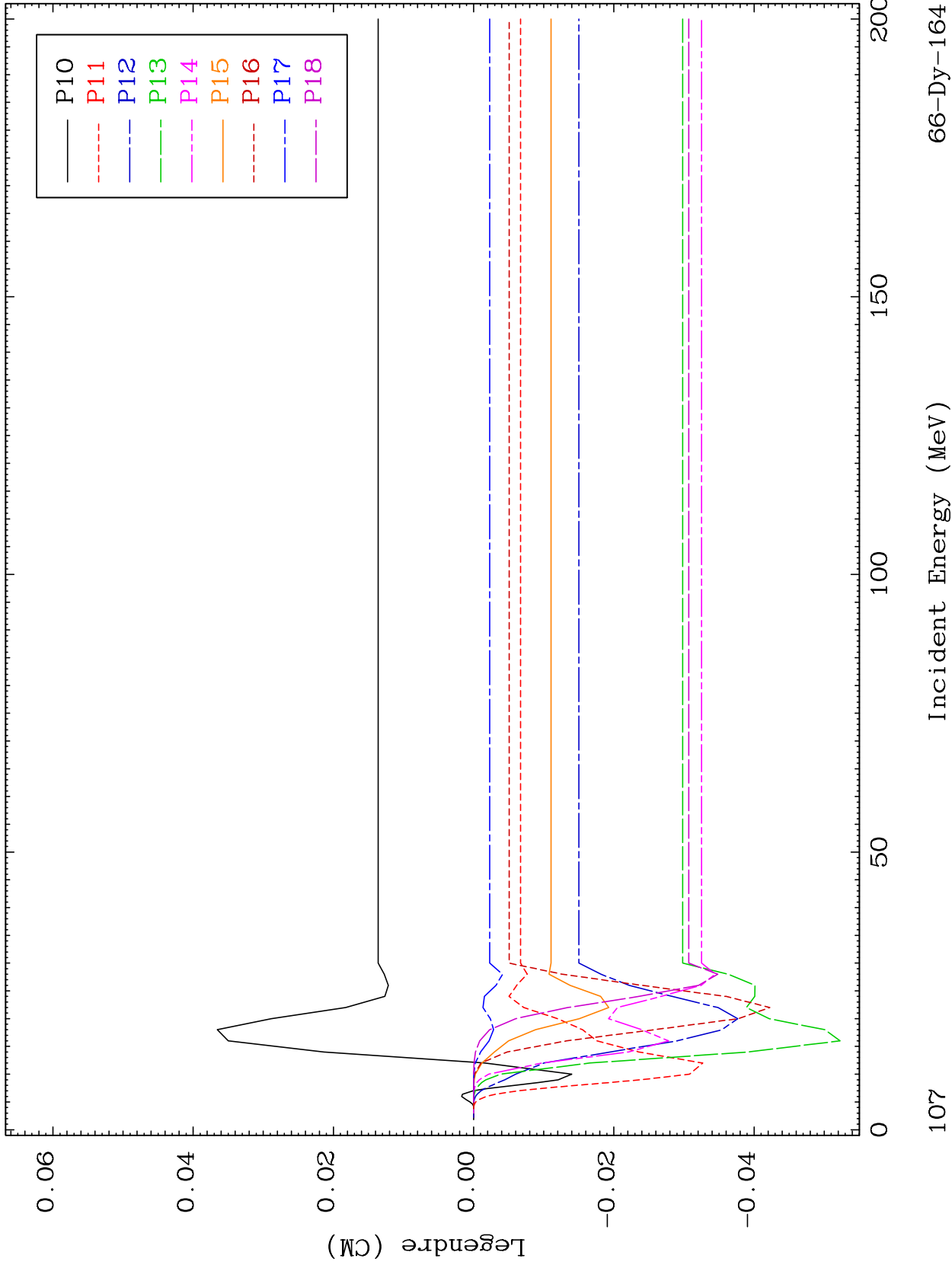
Incident Energy (MeV)

106

MAT 6649

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

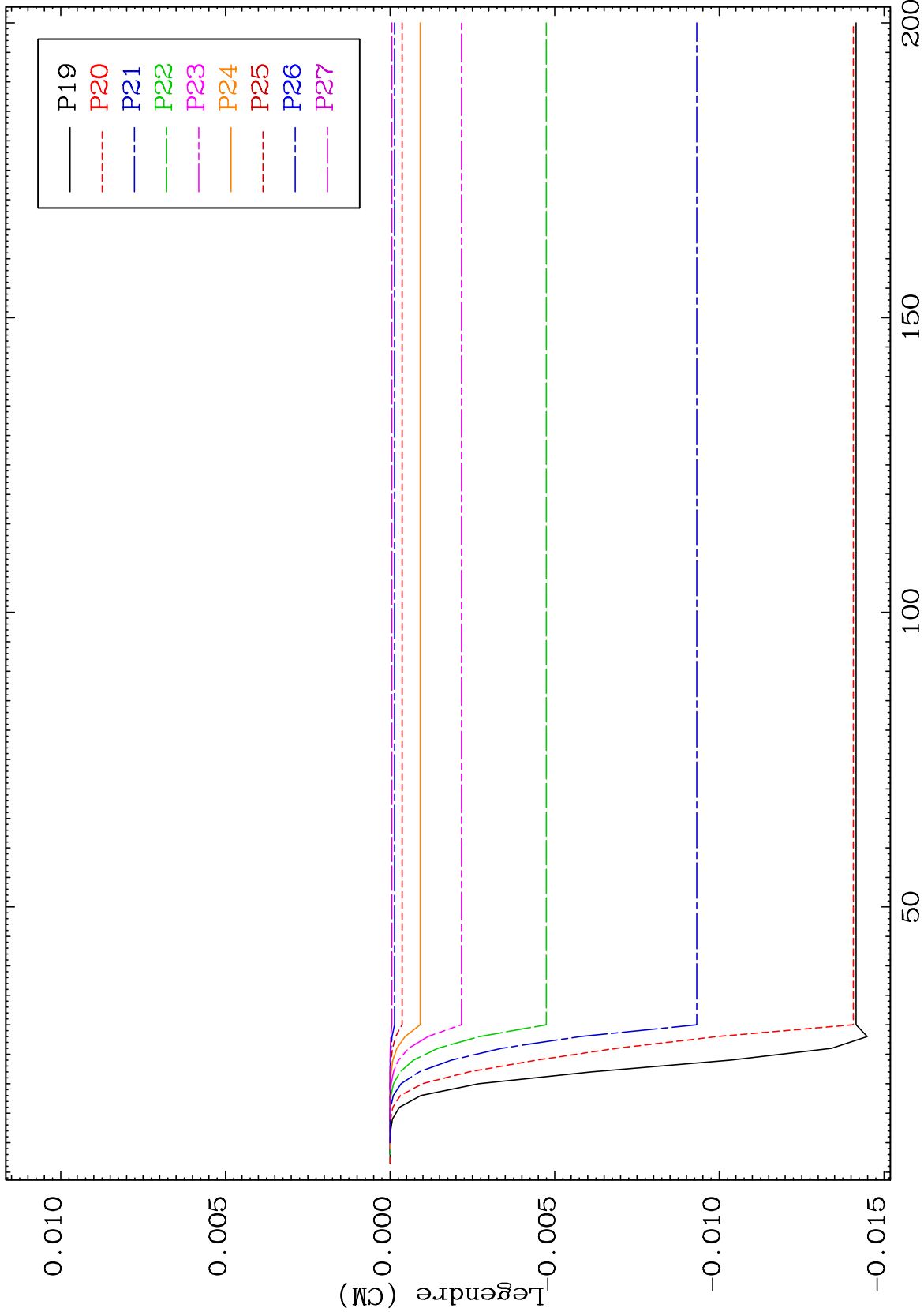
66-Dy-164



MAT 6649

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

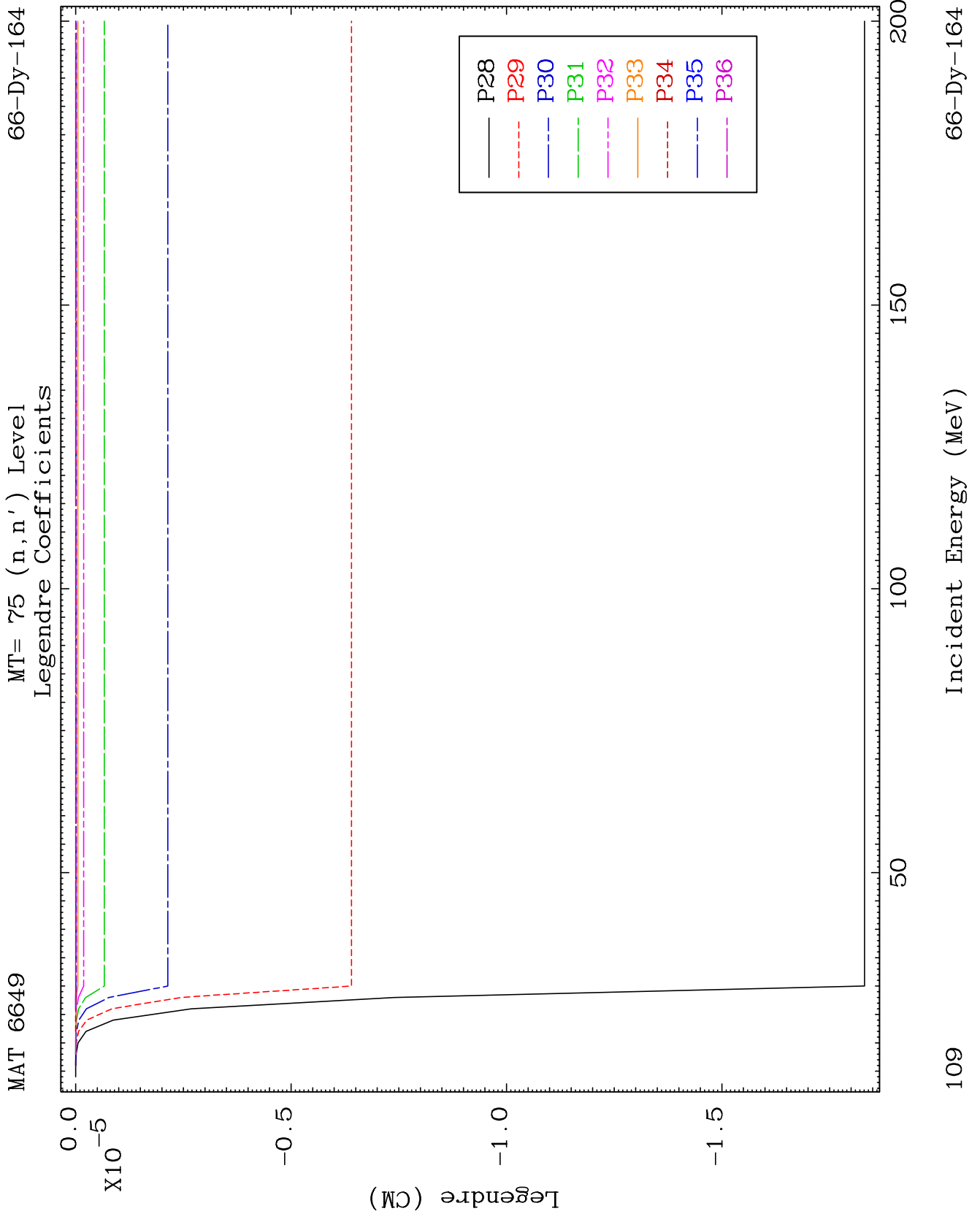
66-Dy-164



108

Incident Energy (MeV)

66-Dy-164

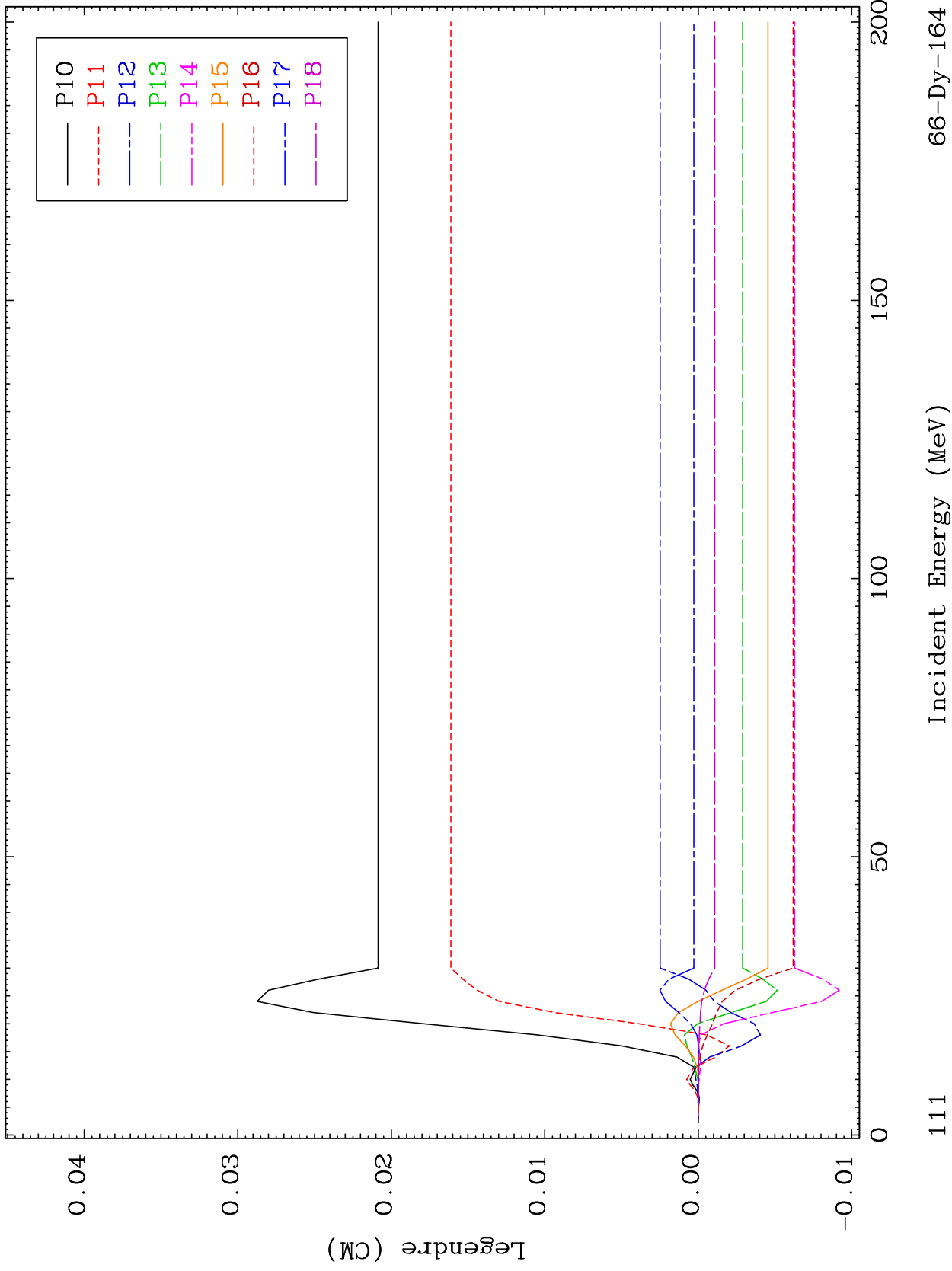




MAT 6649

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

66-Dy-164



111

Incident Energy (MeV)

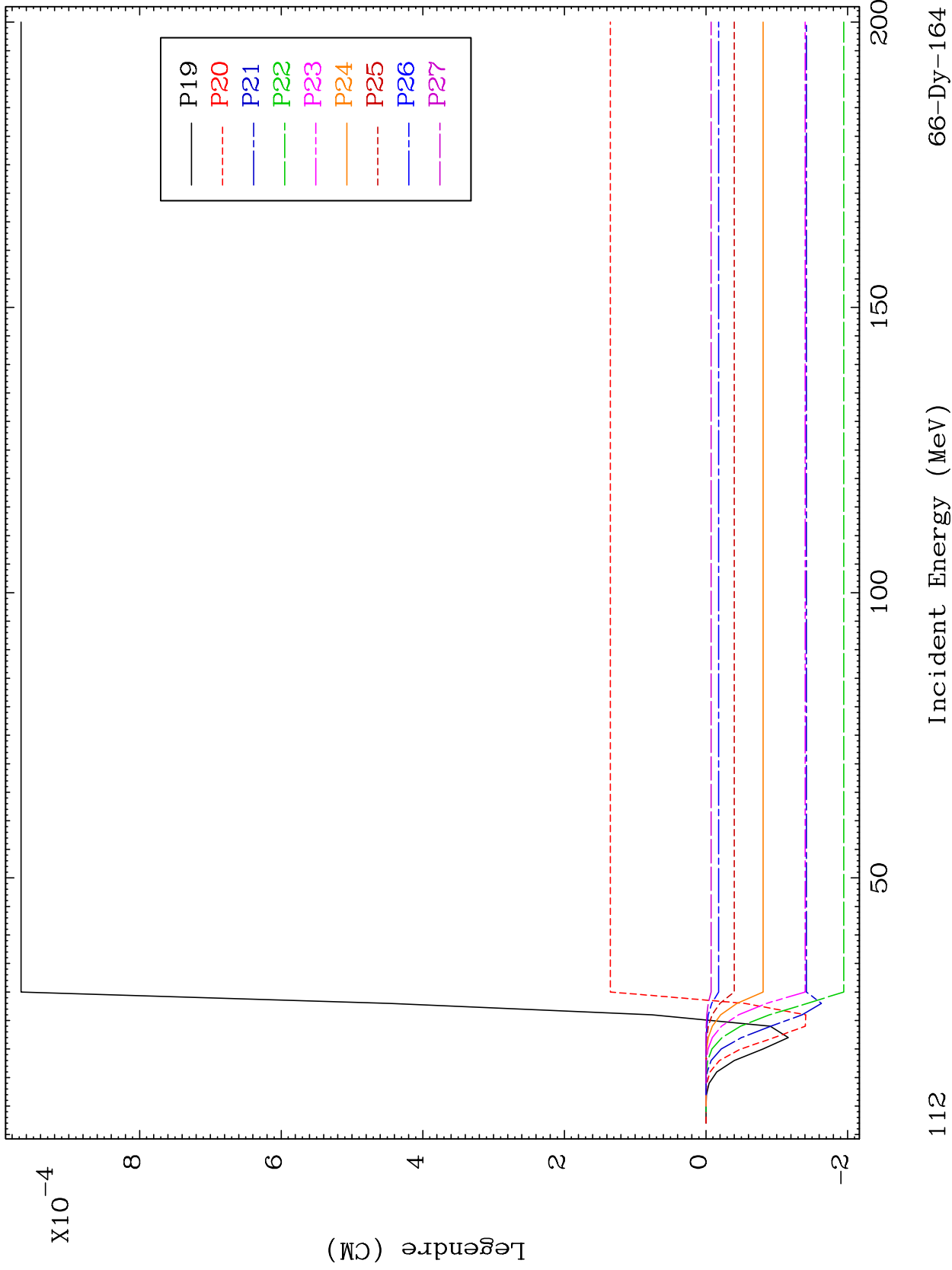
66-Dy-164

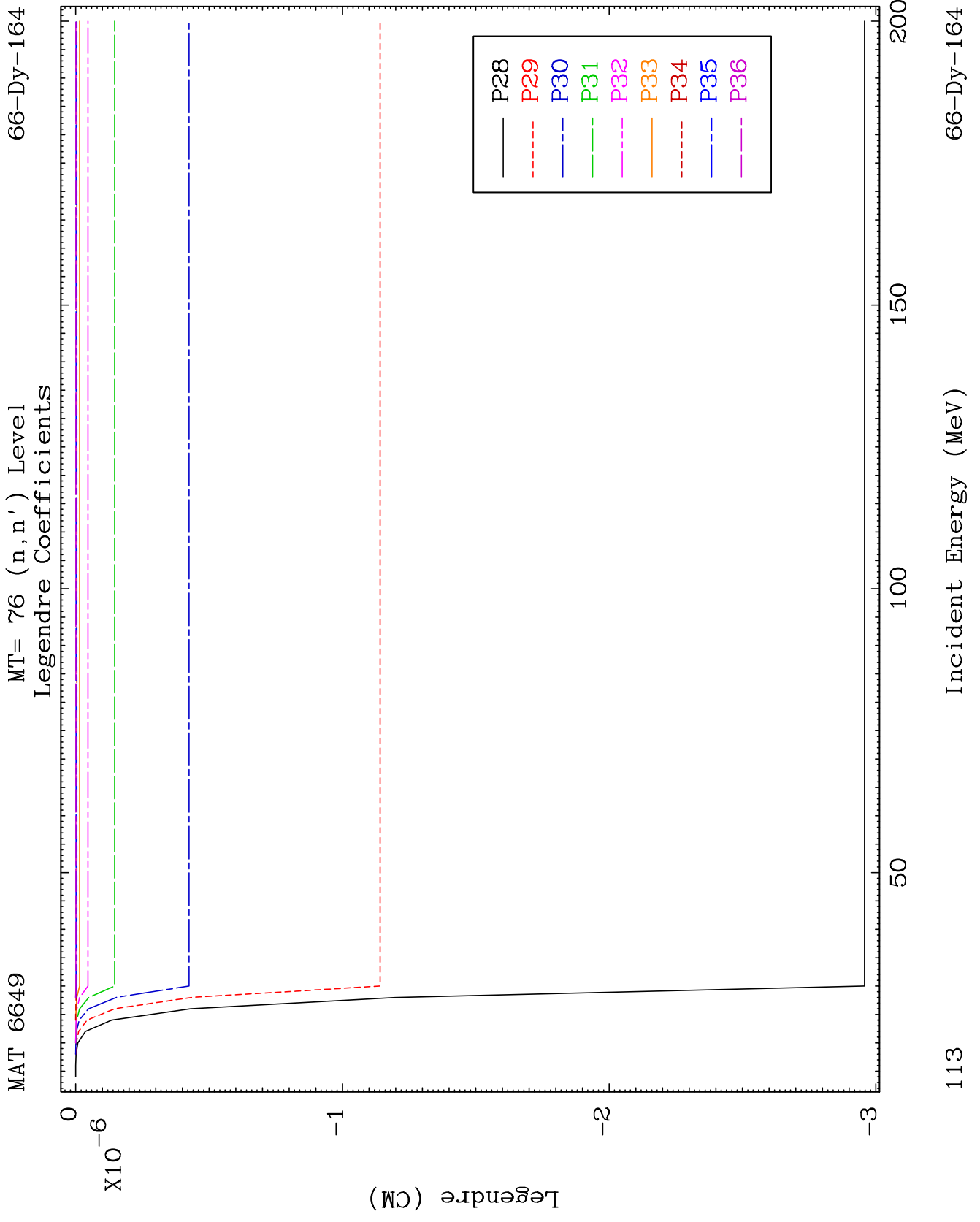


MAT 6649

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

66-Dy-164

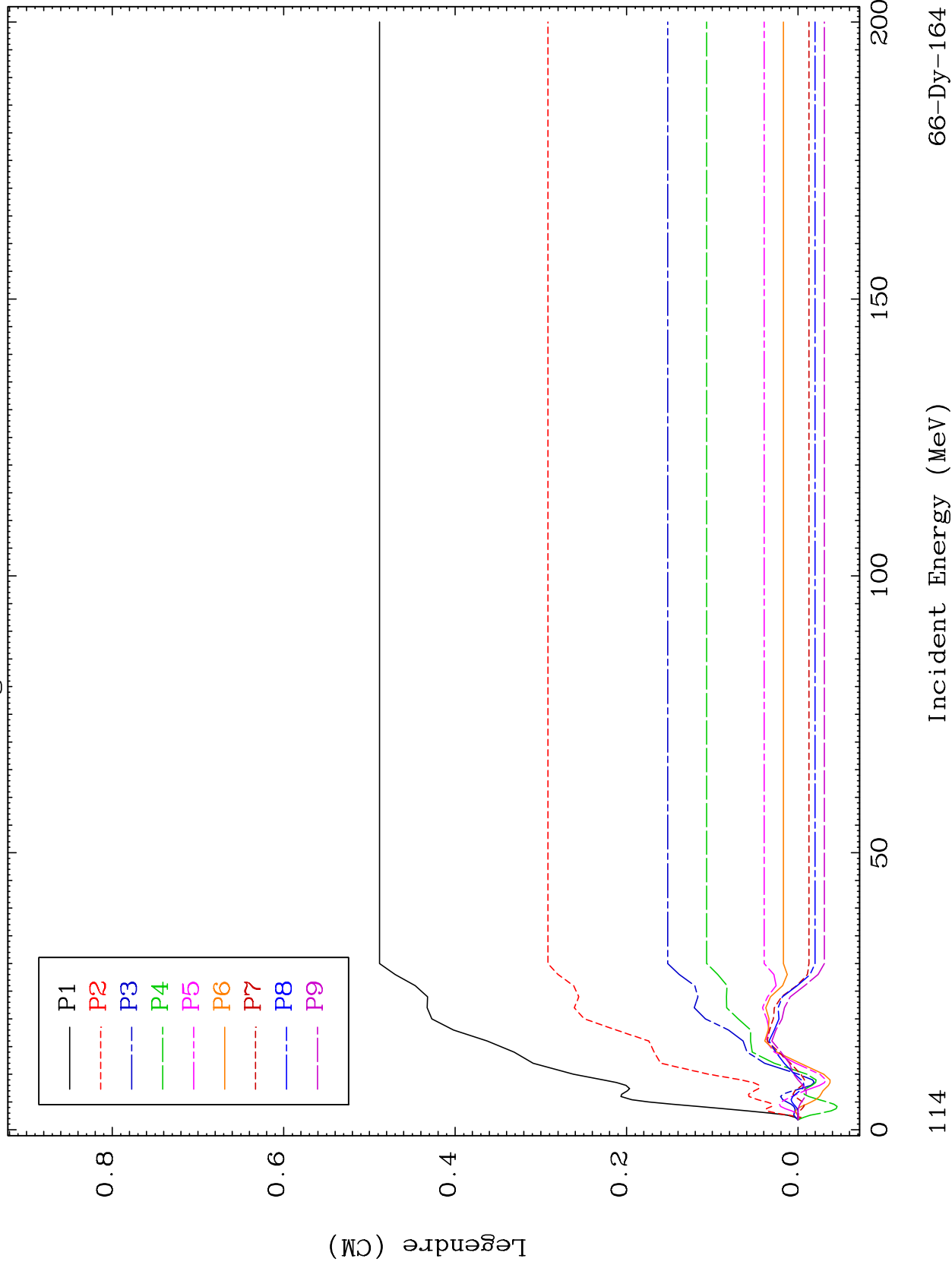




MAT 6649

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

66-Dy-164



66-Dy-164

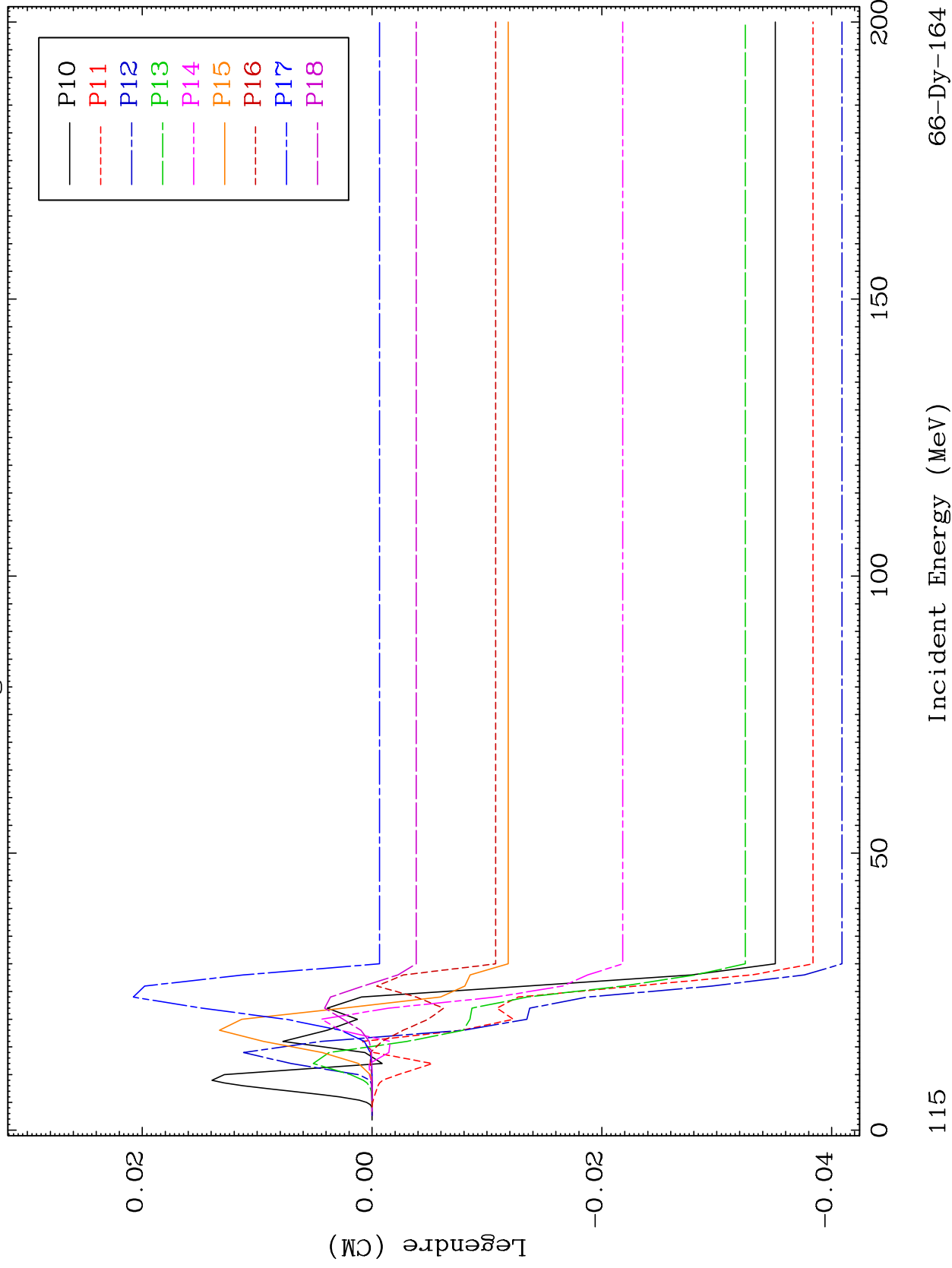
Incident Energy (MeV)

114

MAT 6649

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

66-Dy-164



66-Dy-164

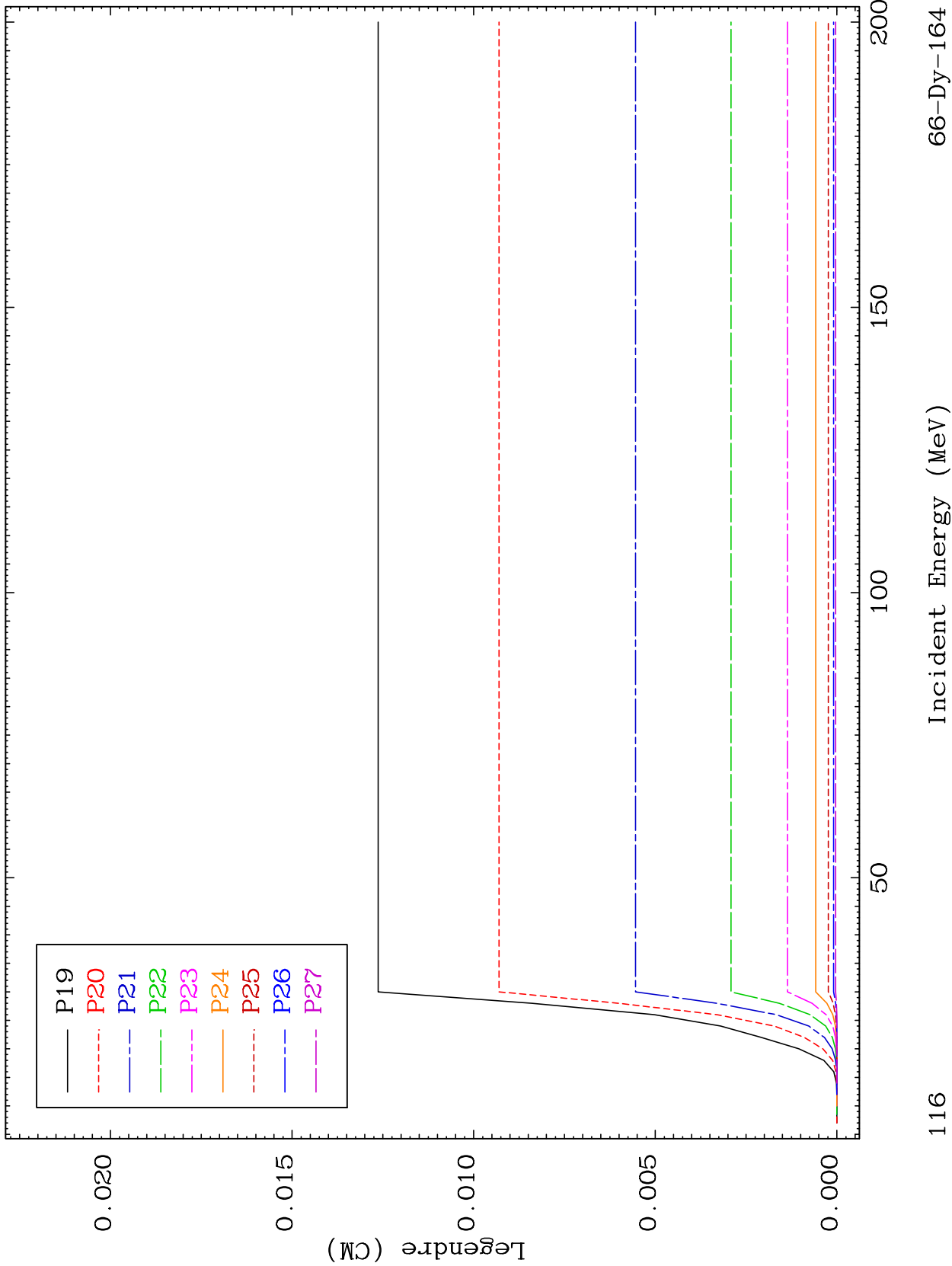
Incident Energy (MeV)

115

MAT 6649

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

66-Dy-164



116

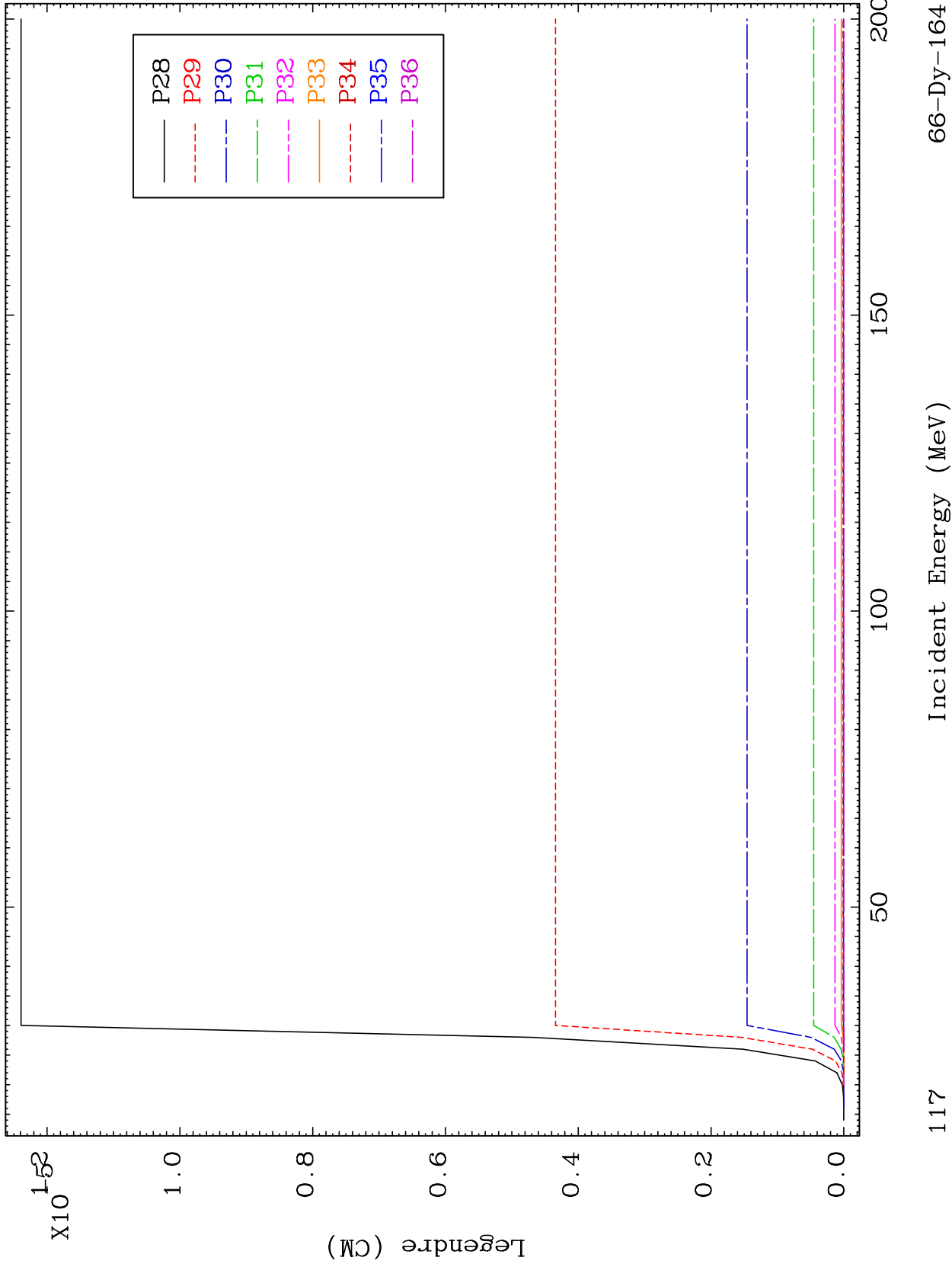
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



117

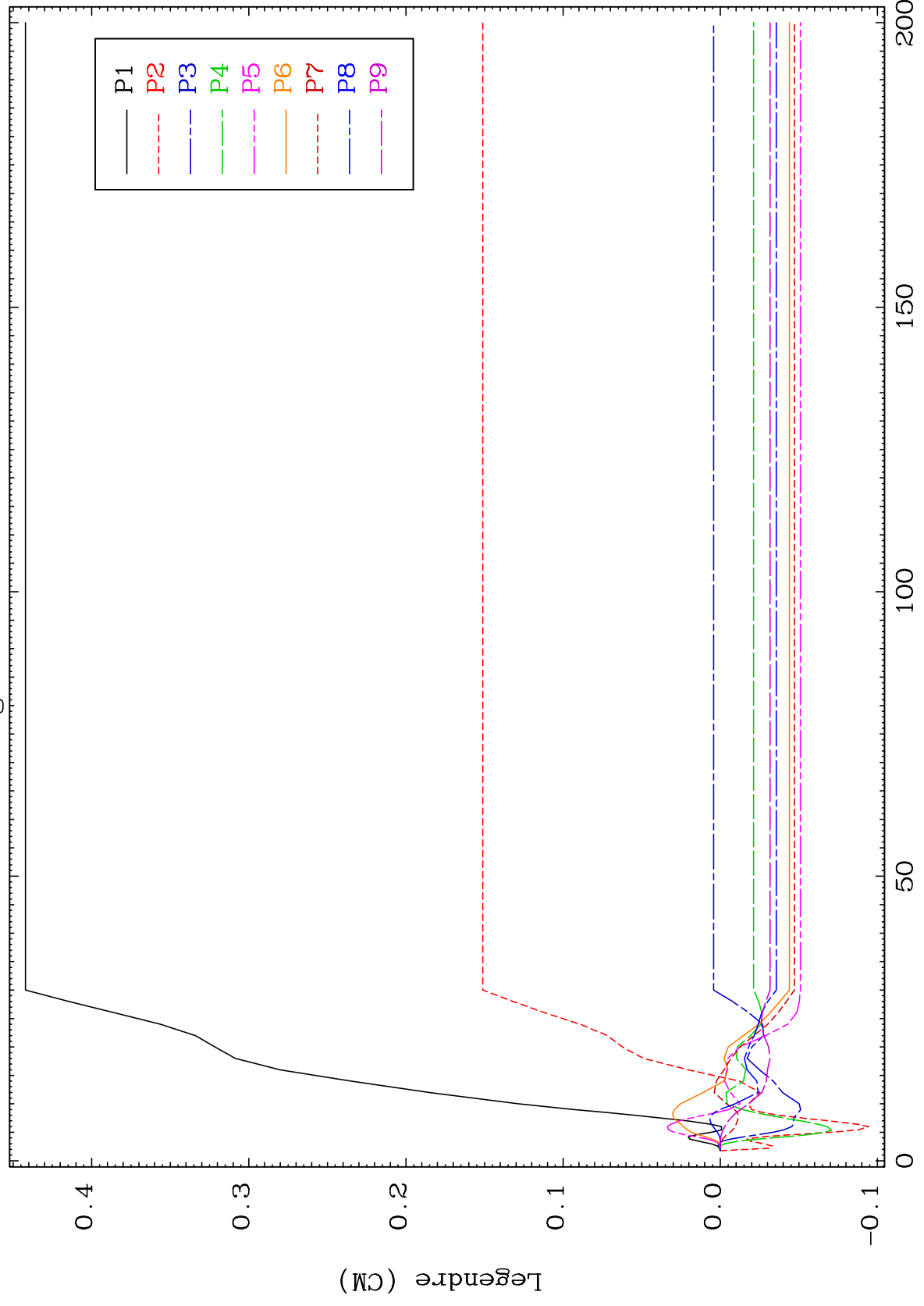
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



66-Dy-164

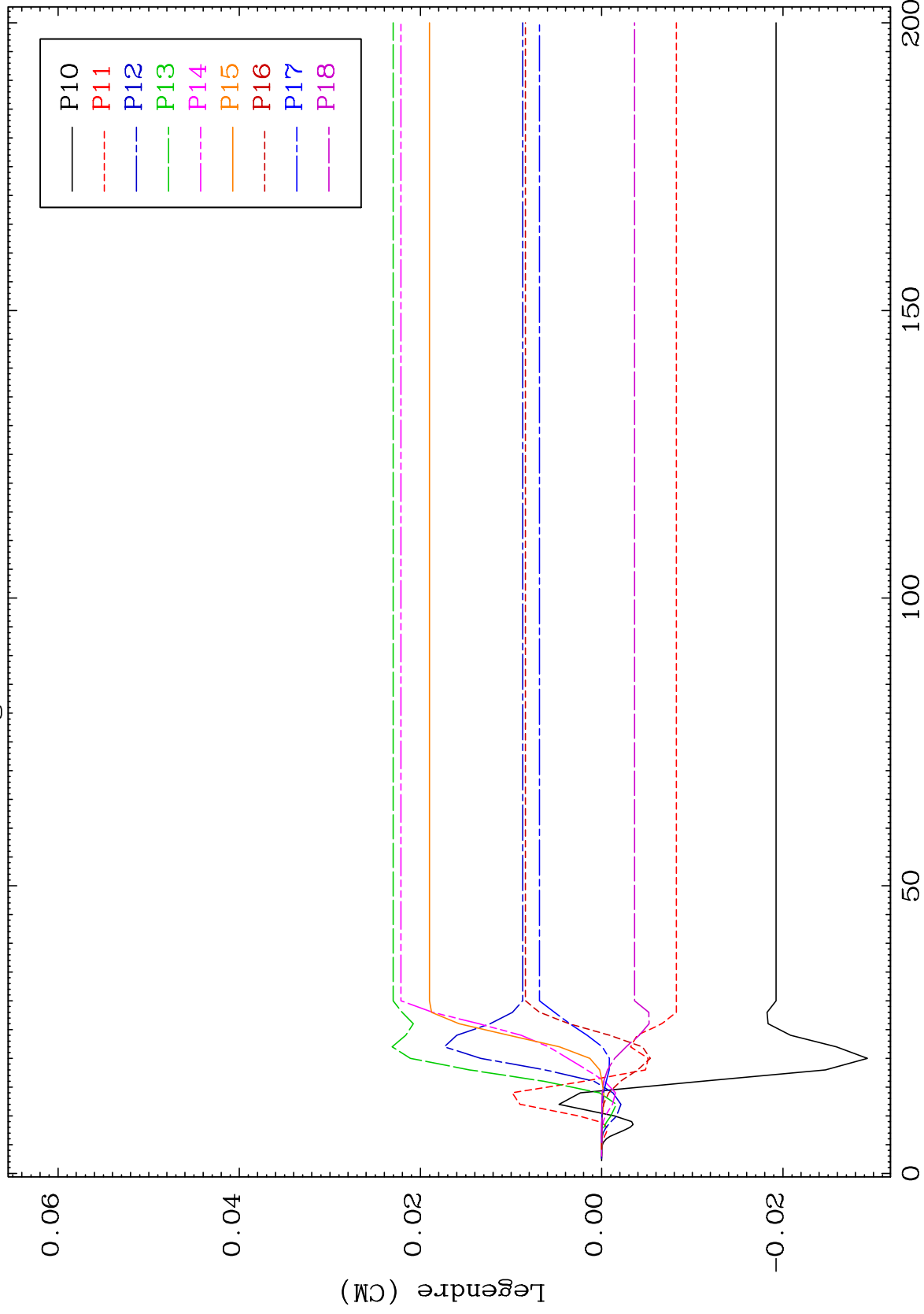
Incident Energy (MeV)

118

MAT 6649

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

66-Dy-164

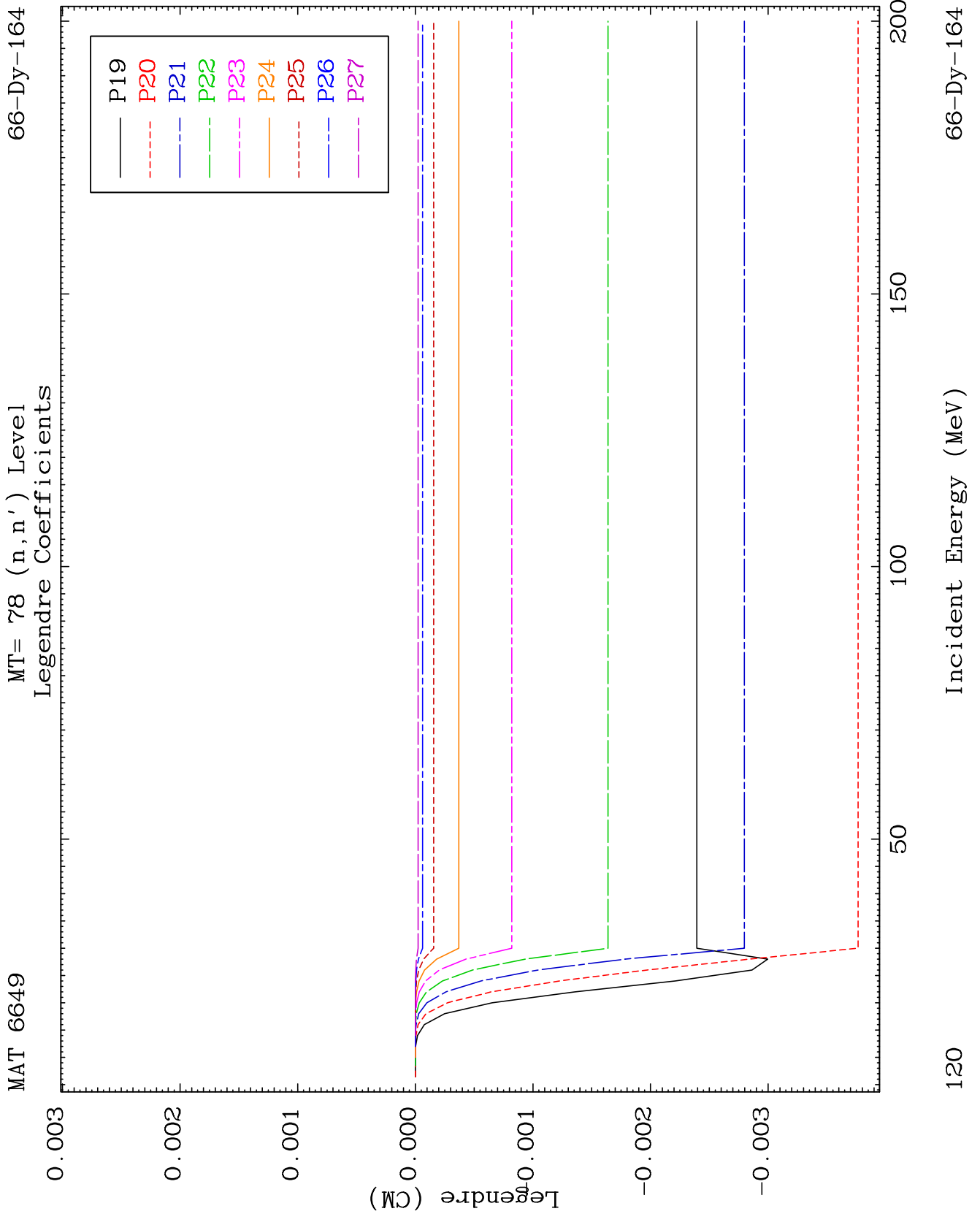


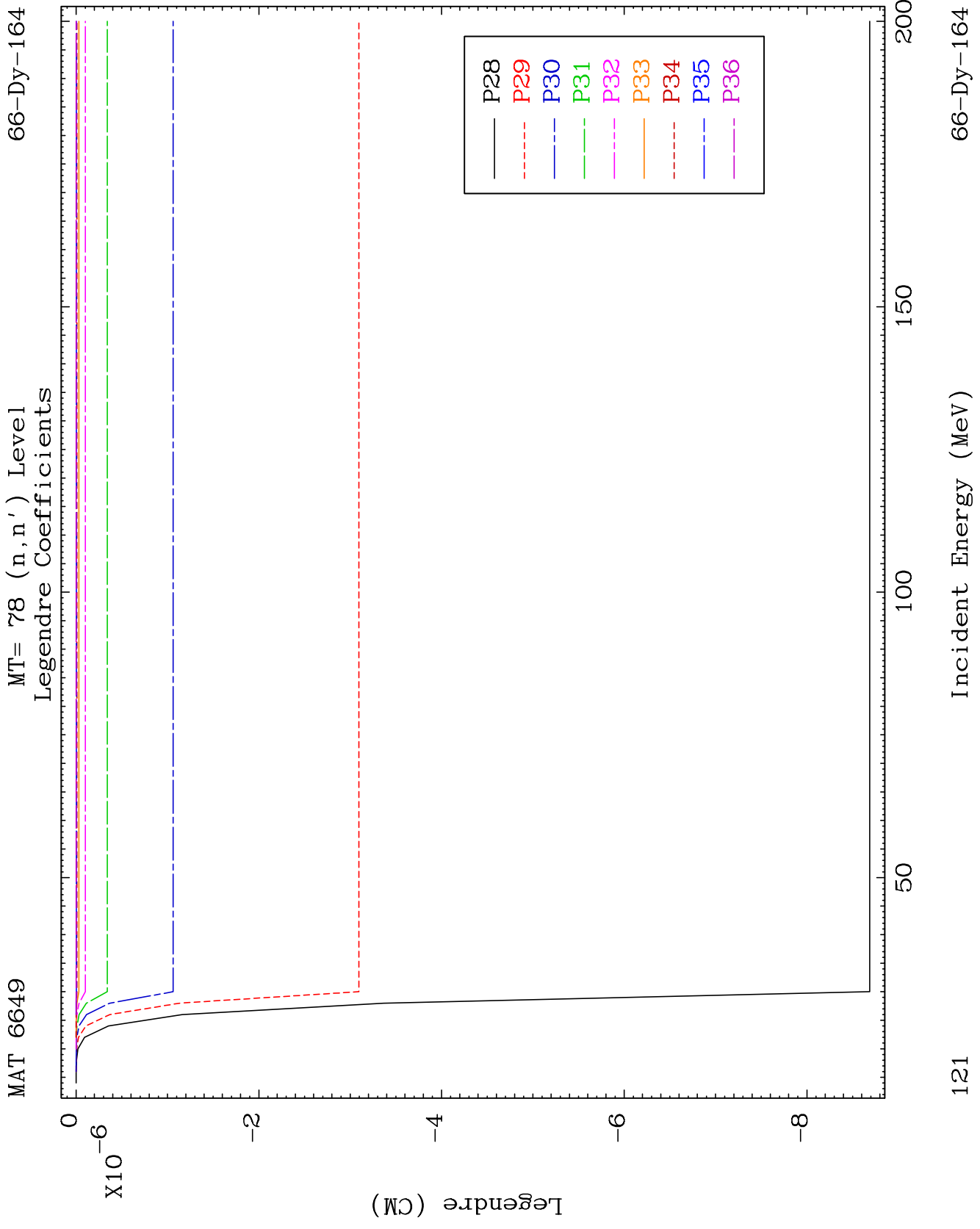
119

Incident Energy (MeV)

66-Dy-164





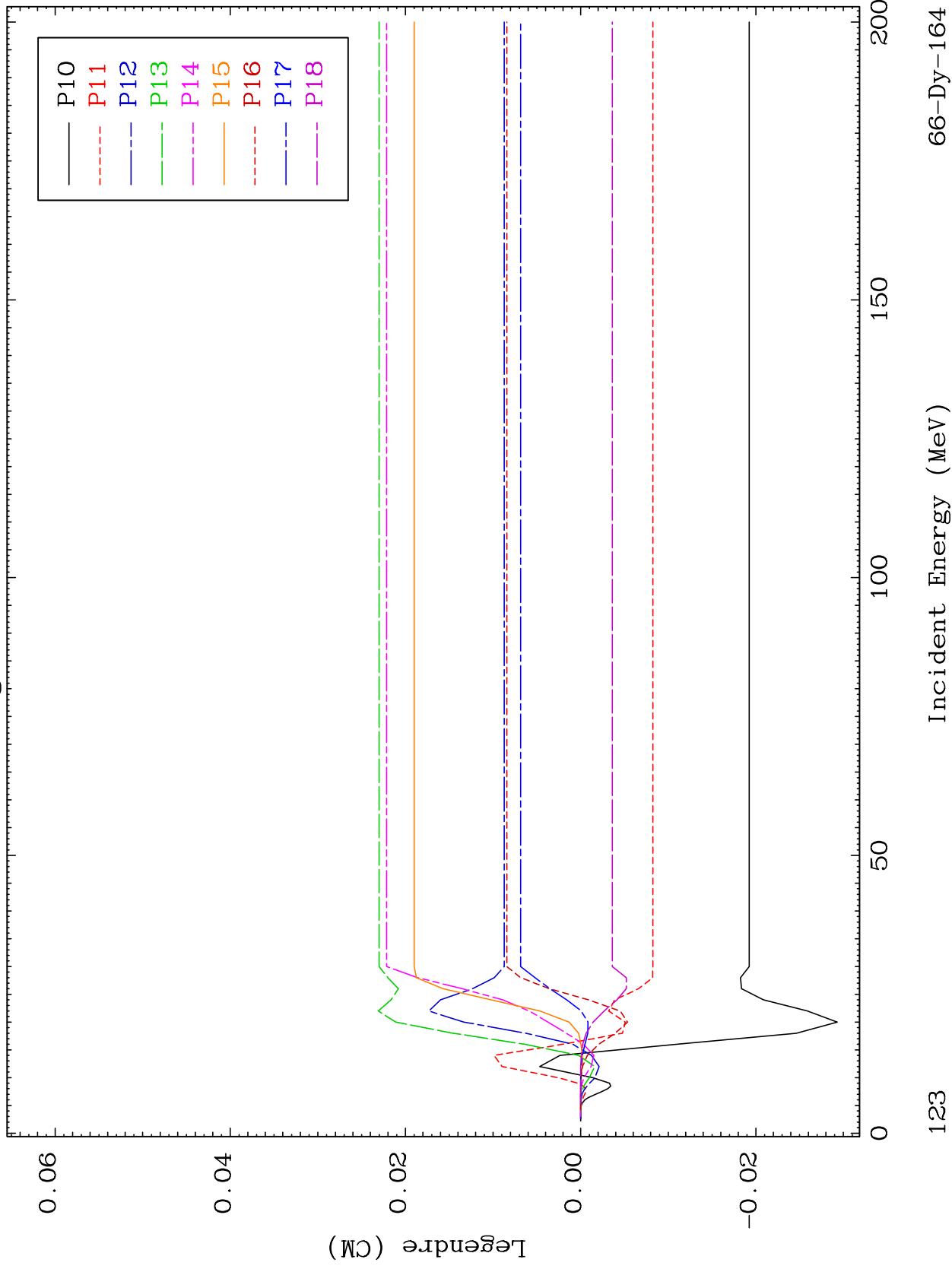




MAT 6649

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

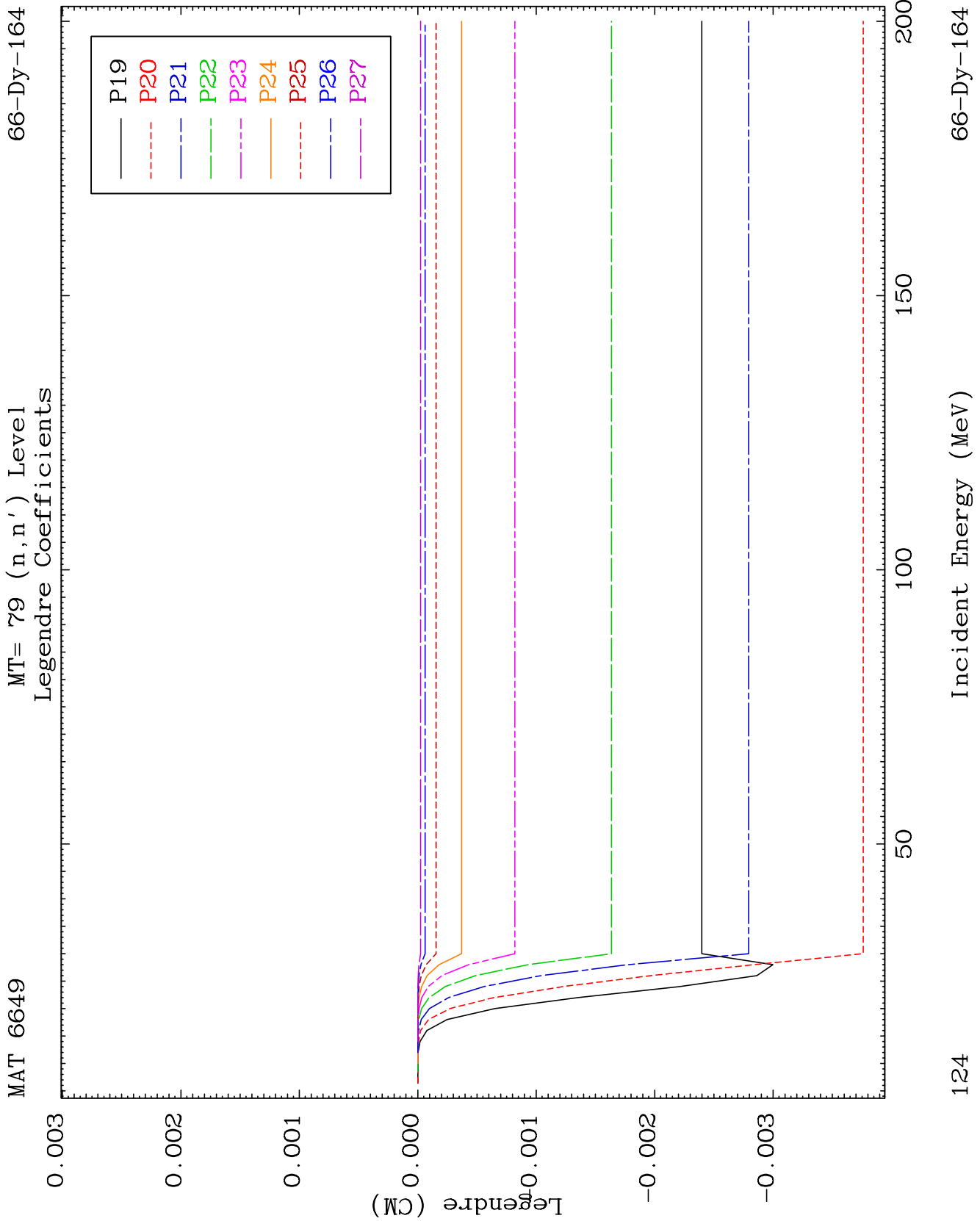
66-Dy-164



123

Incident Energy (MeV)

66-Dy-164

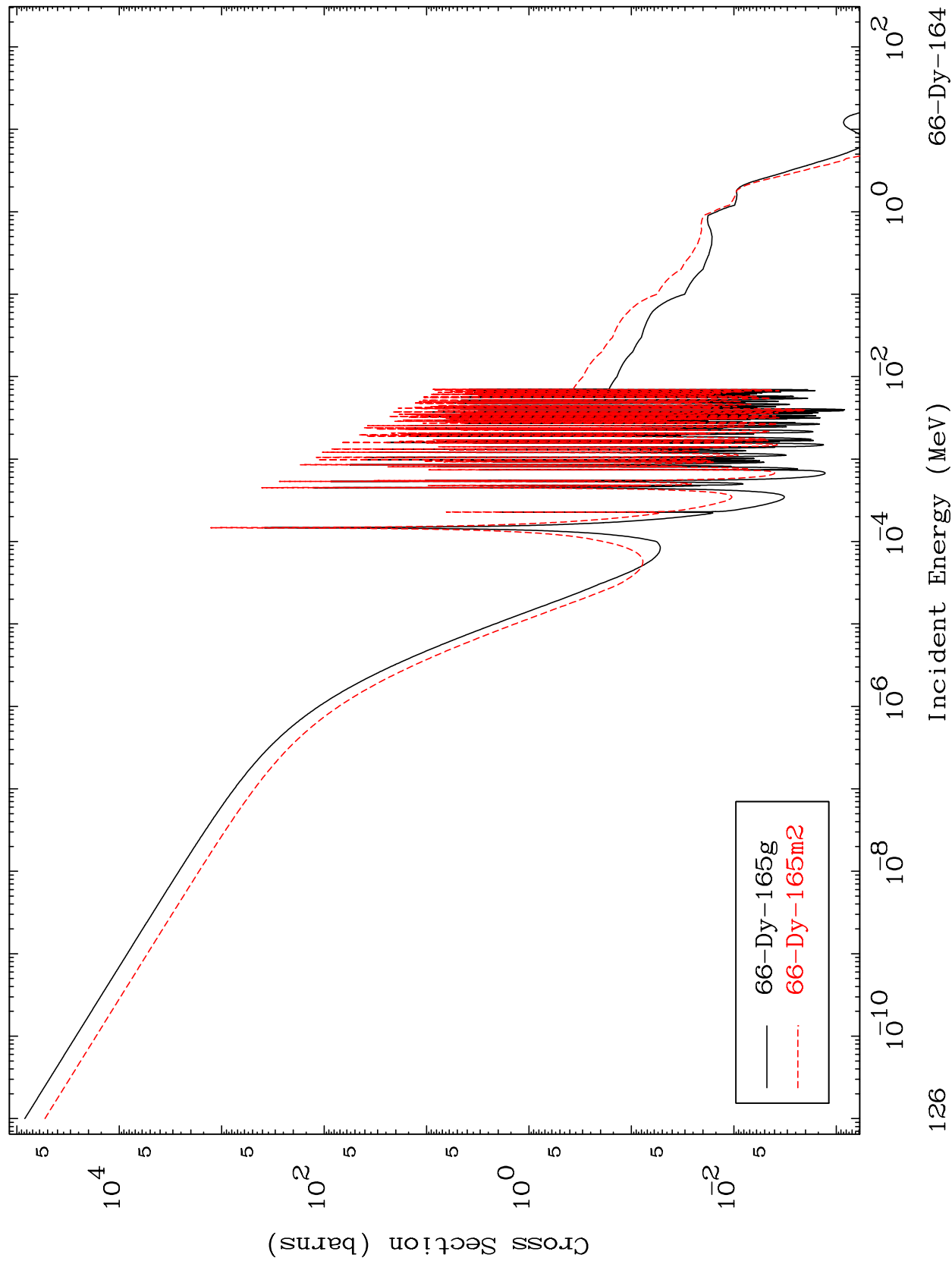




MAT 6649

66-Dy-164

$(n, \gamma)$   
Radionuclide Production Cross Section



126

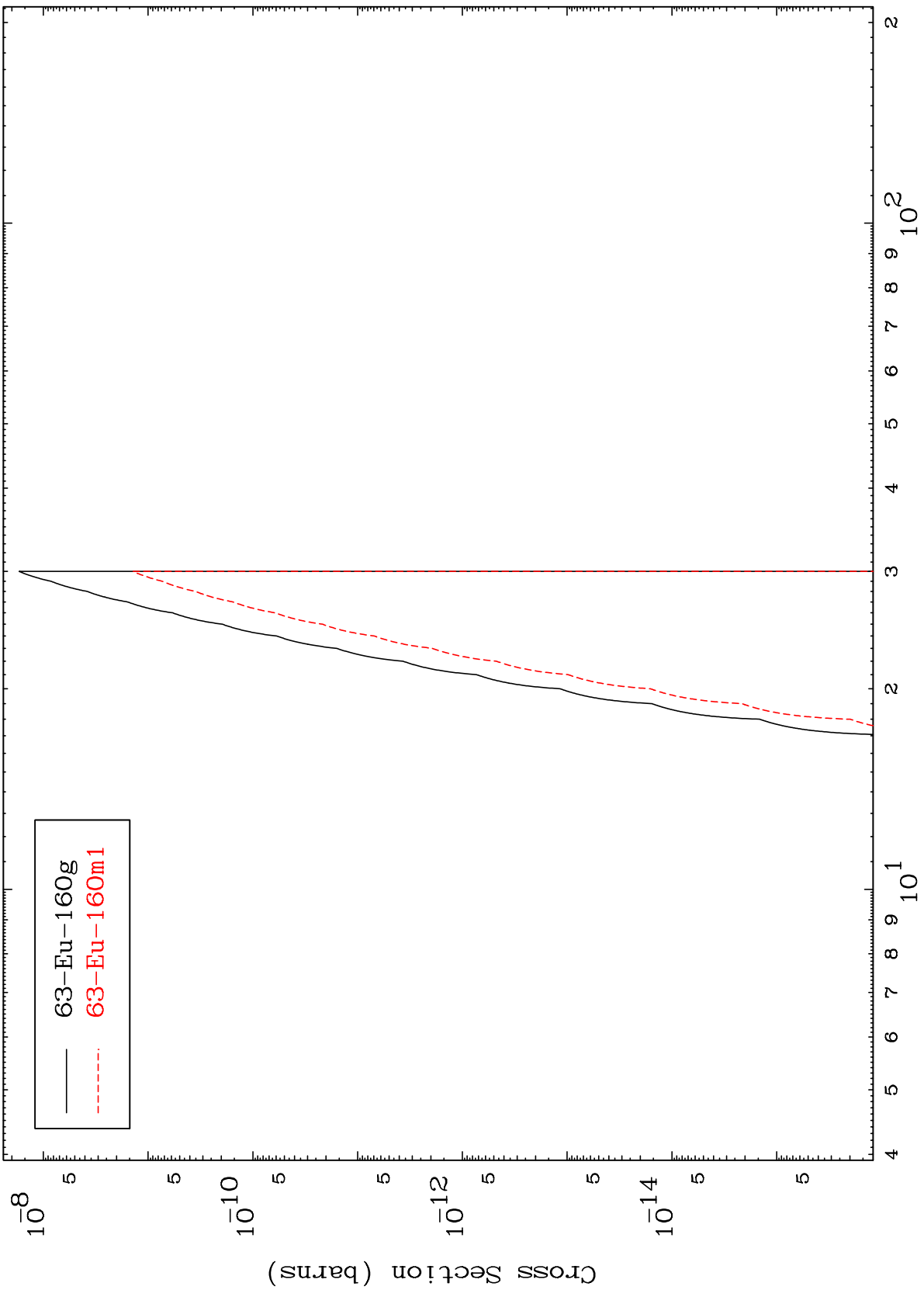
66-Dy-164

MAT 6649

(n,p)  $\alpha$

66-Dy-164

Radionuclide Production Cross Section



63-Eu-160g  
63-Eu-160m1

127

Incident Energy (MeV)

66-Dy-164