

Program EVALPLOT
(Version 2021-1)

by

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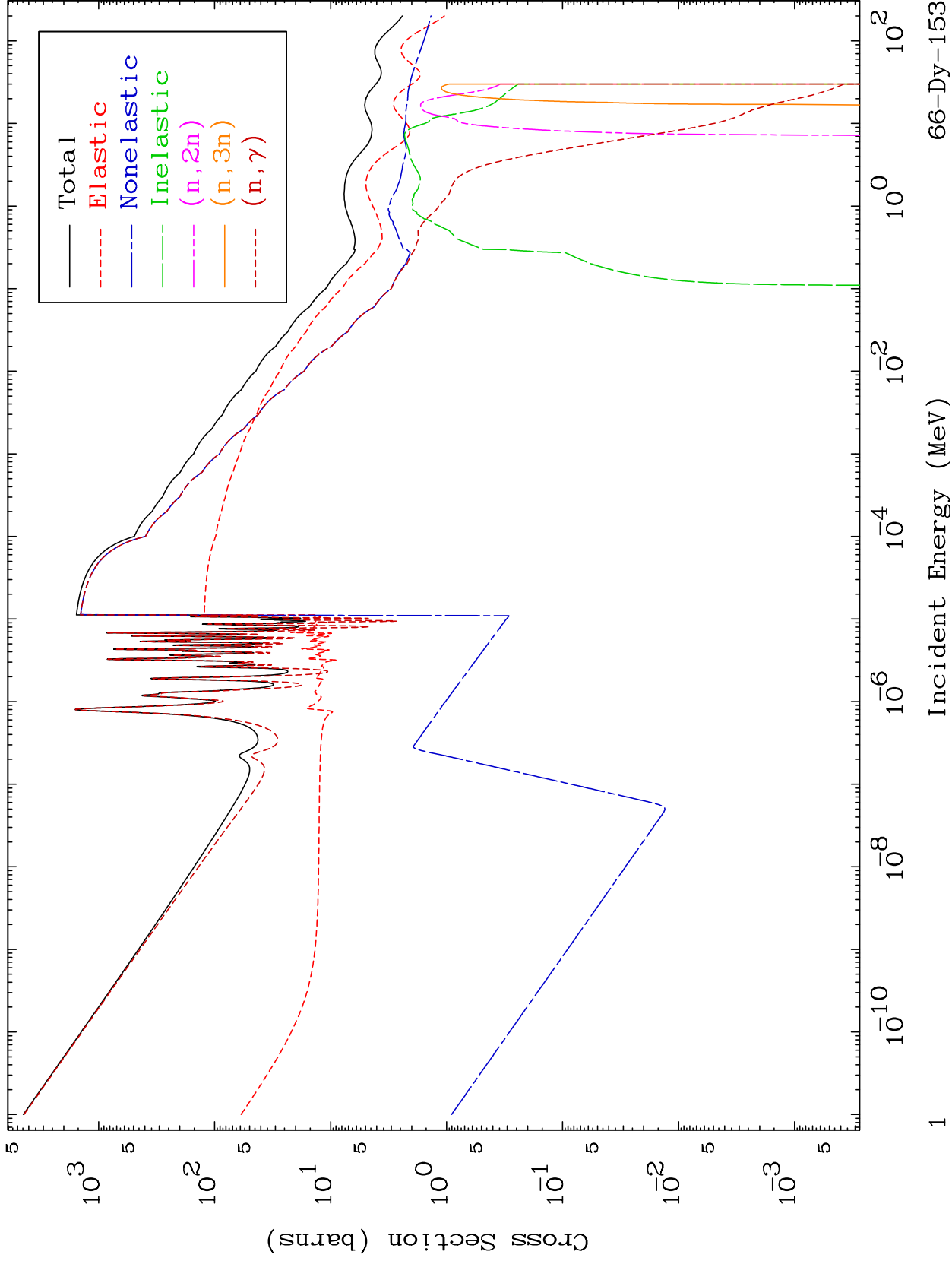
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Press Mouse Button to Start

MAT 6616

Neutron Major
293 Kelvin Cross Sections

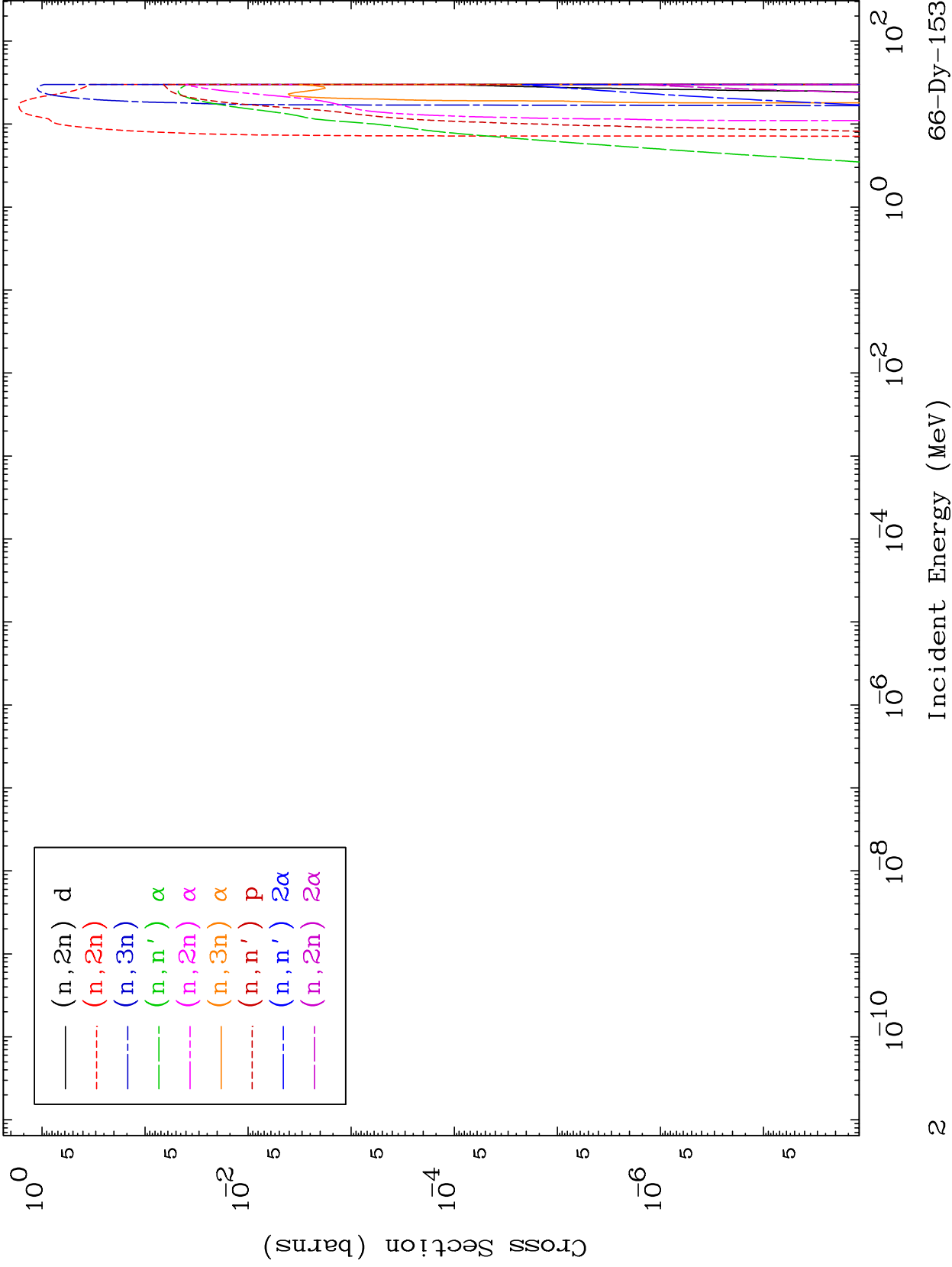
66-Dy-153



MAT 6616

Neutron Absorption
293 Kelvin Cross Sections

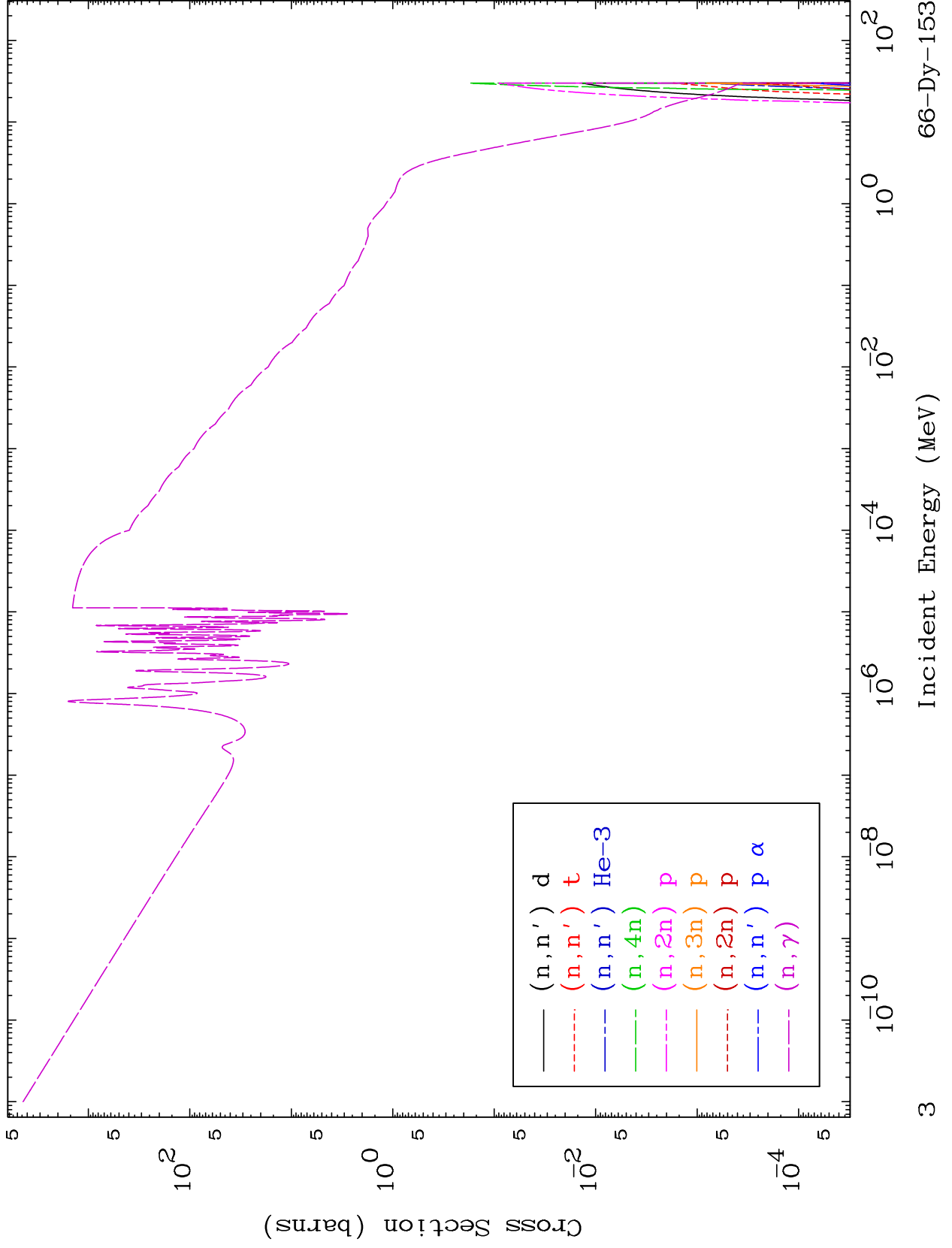
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MAT 6616

Neutron Absorption
293 Kelvin Cross Sections

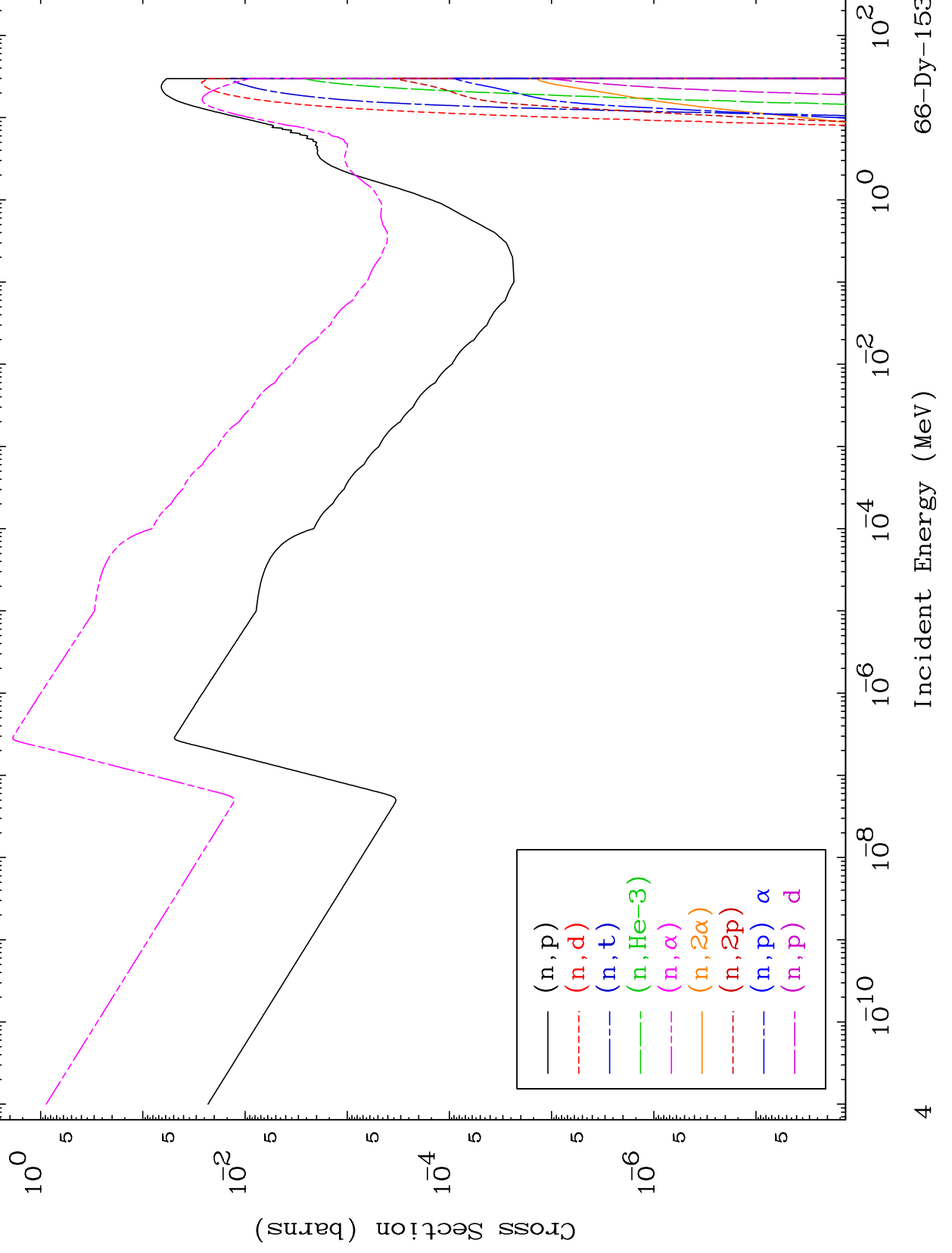
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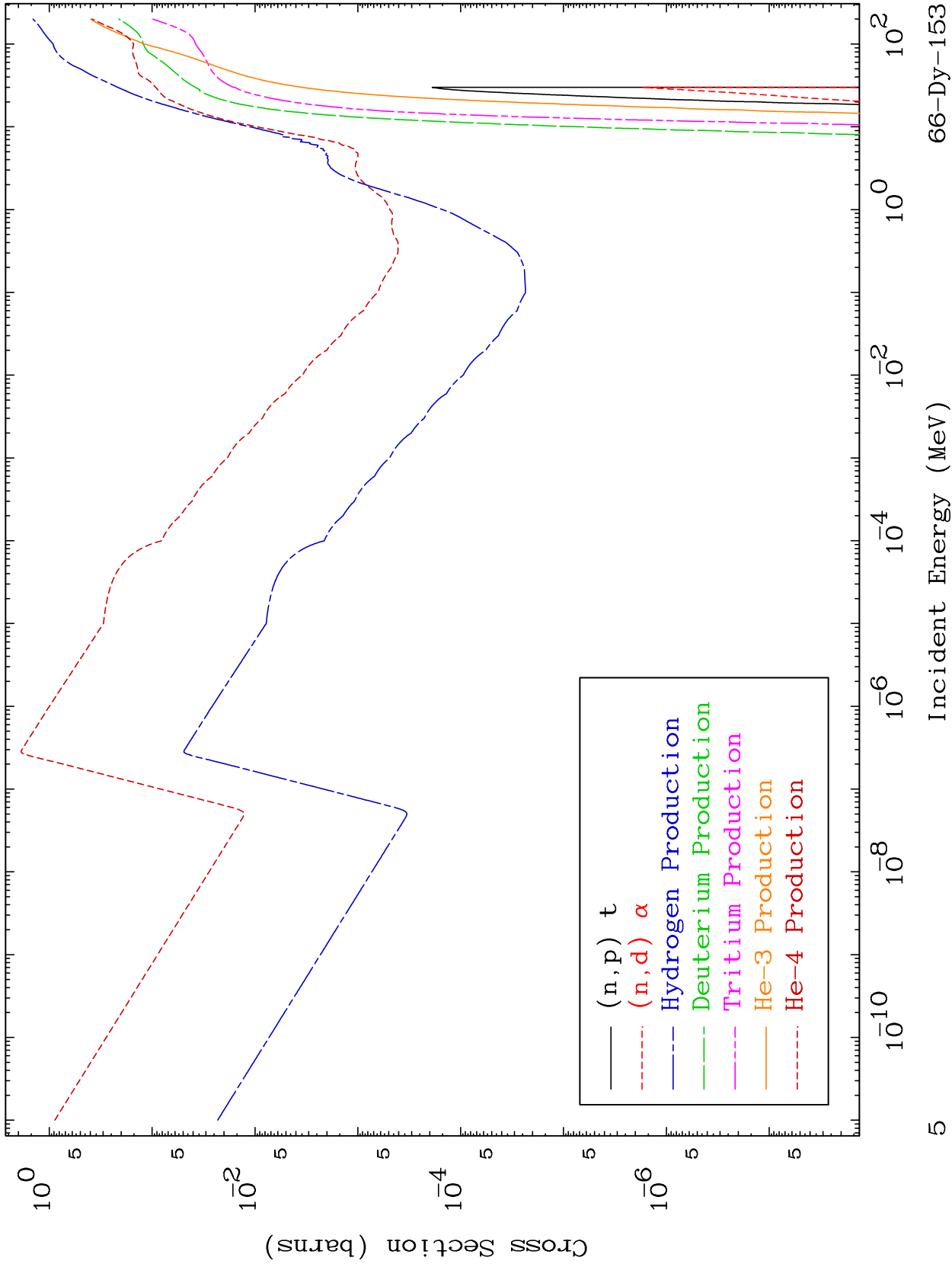


MAT 6616

Neutron Absorption
293 Kelvin Cross Sections

66-Dy-153

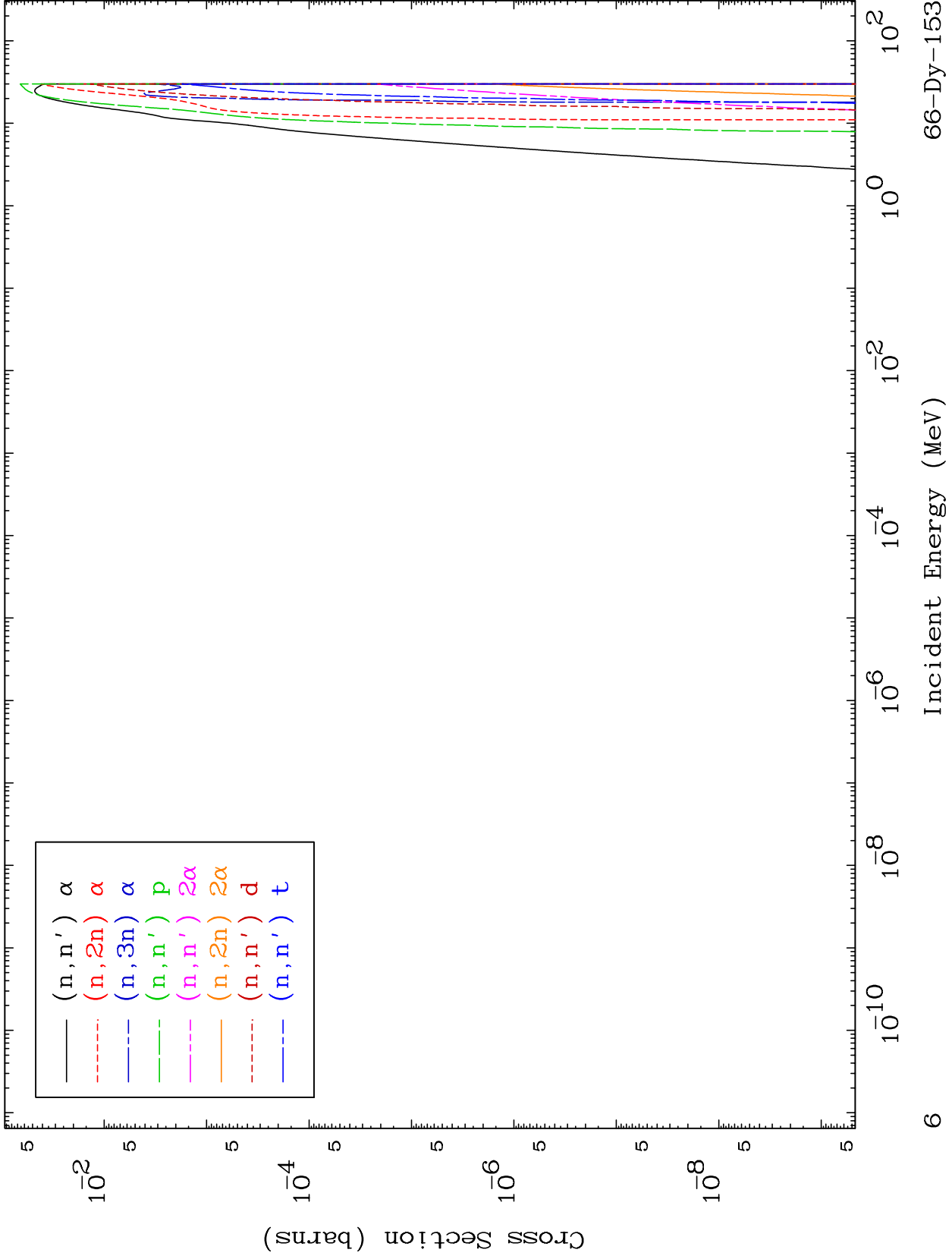




MAT 6616

Charged Particle
293 Kelvin Cross Sections

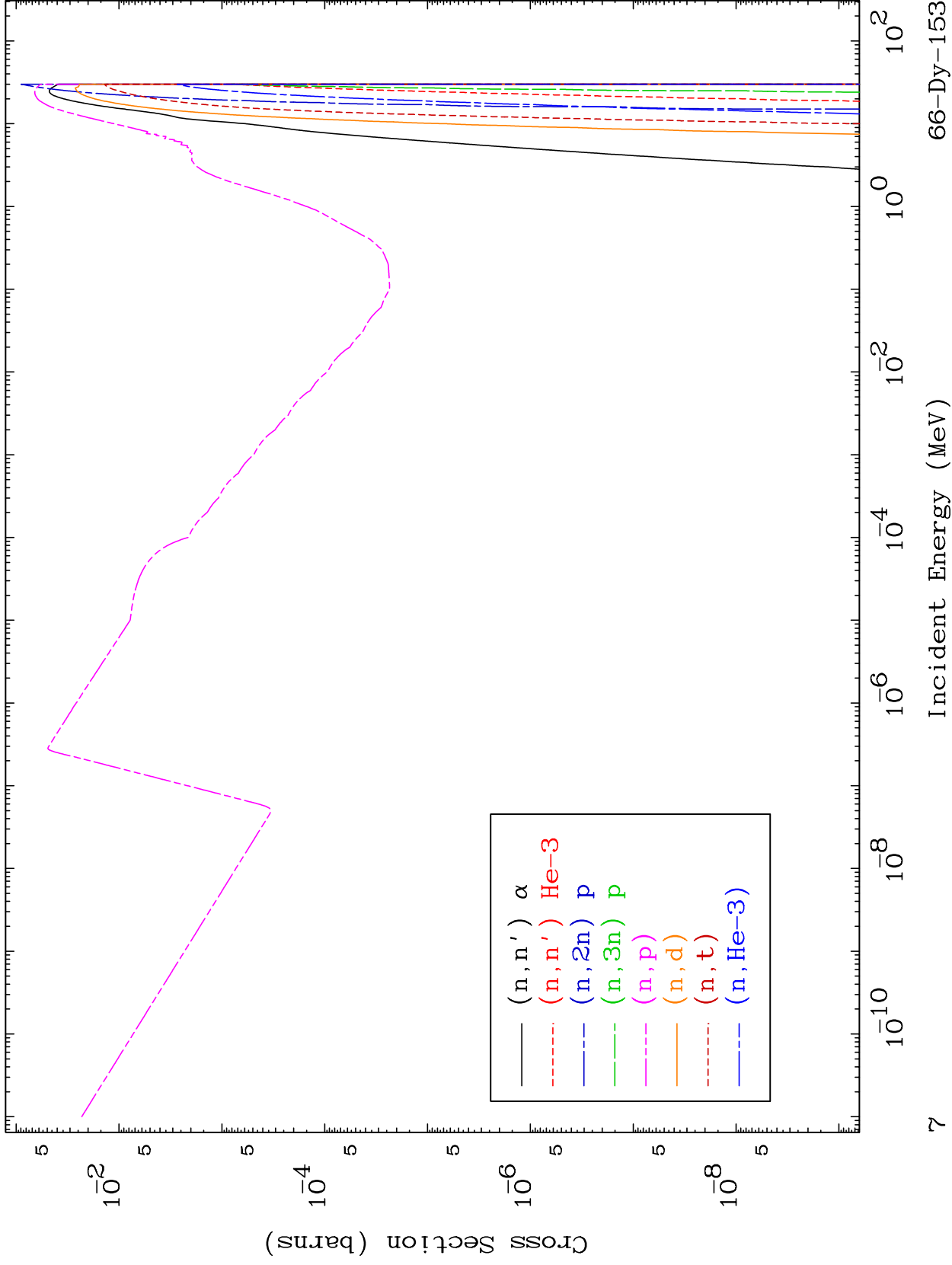
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MAT 6616

Charged Particle
293 Kelvin Cross Sections

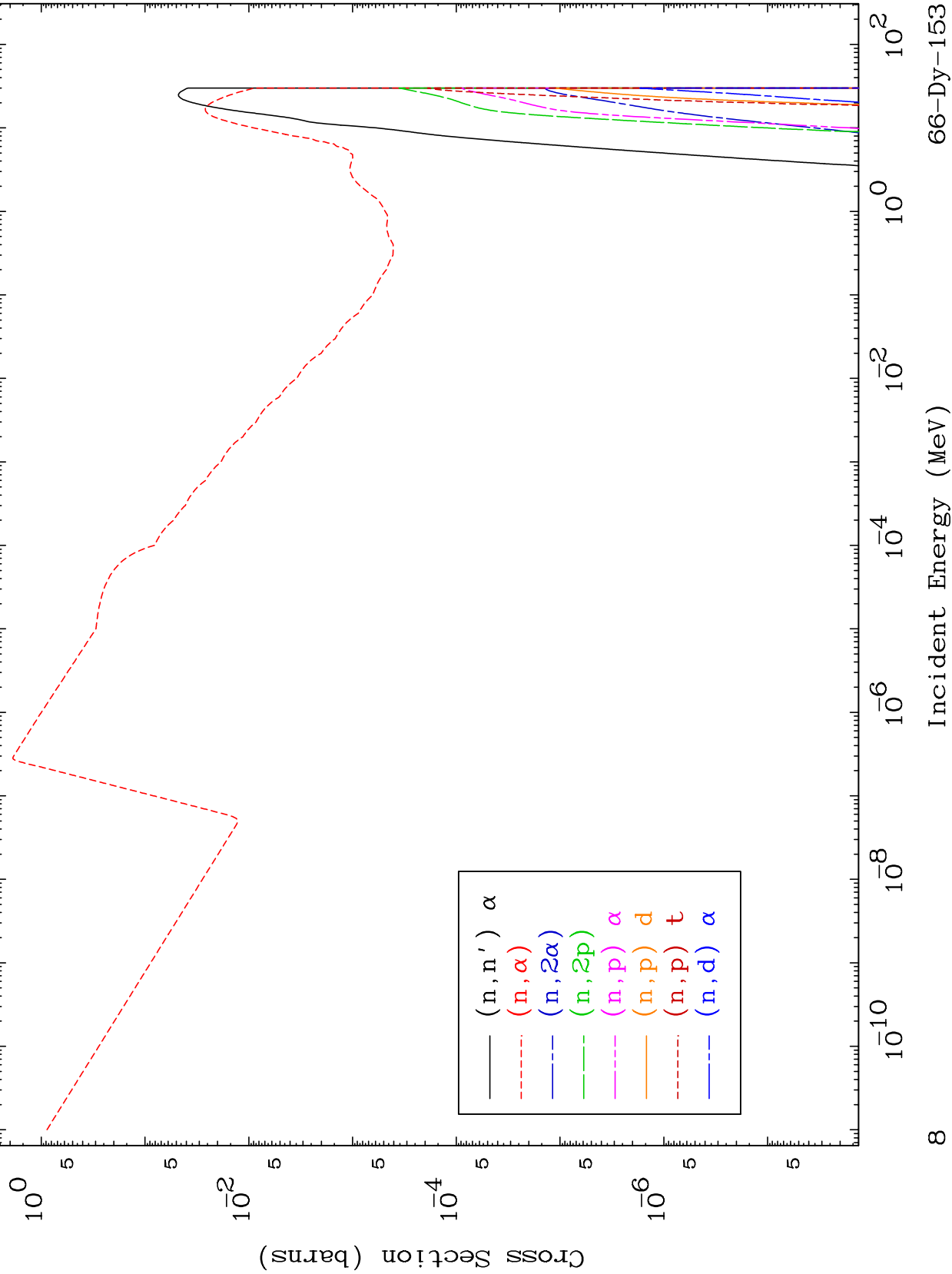
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MAT 6616

Charged Particle
293 Kelvin Cross Sections

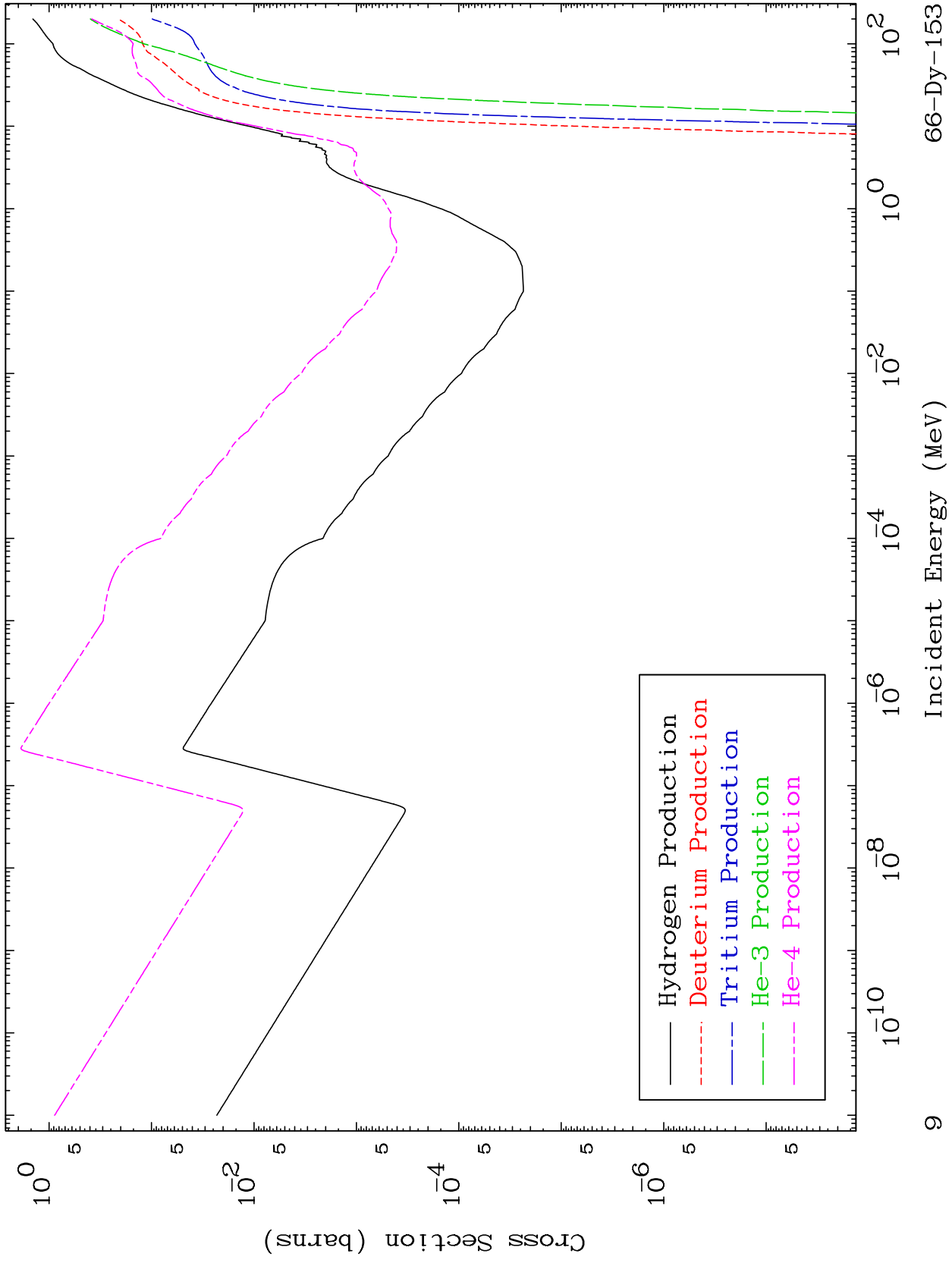
66-Dy-153



MAT 6616

Particle Production
293 Kelvin Cross Sections

66-Dy-153

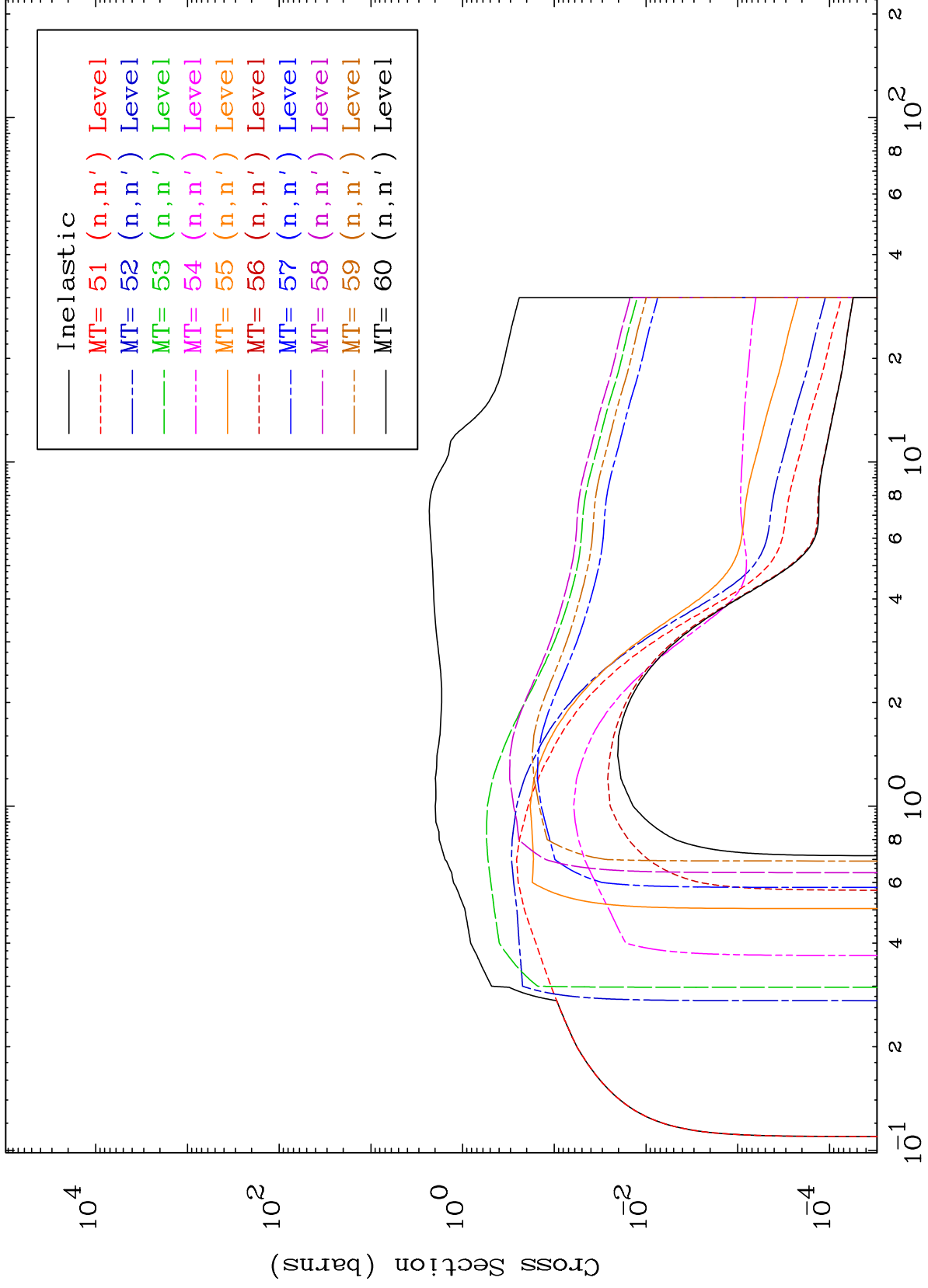


MAT 6616

(n,n') Levels

66-Dy-153

293 Kelvin Cross Sections



Incident Energy (MeV)

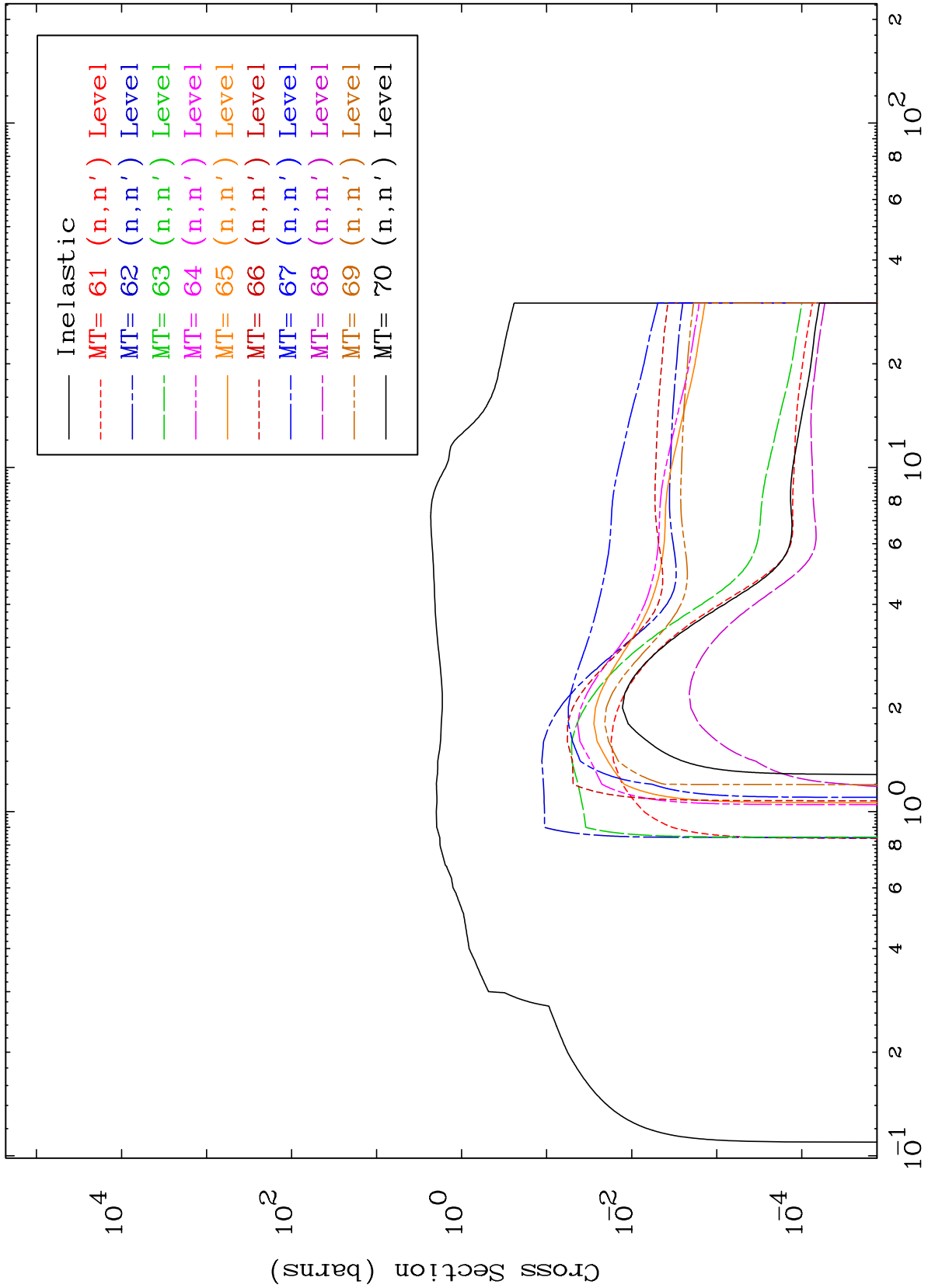
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MAT 6616

(n,n') Levels

66-Dy-153

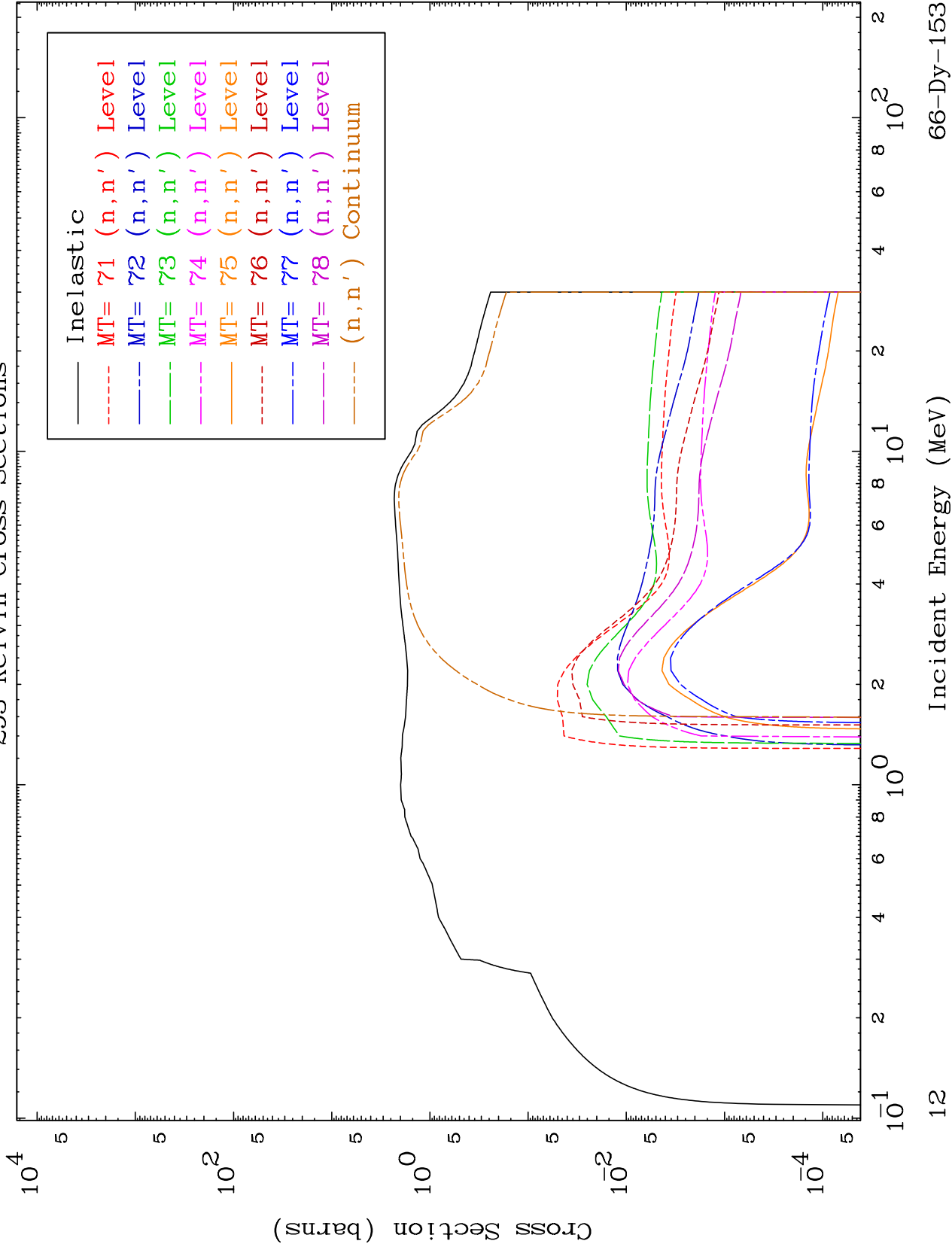
293 Kelvin Cross Sections



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Incident Energy (MeV)

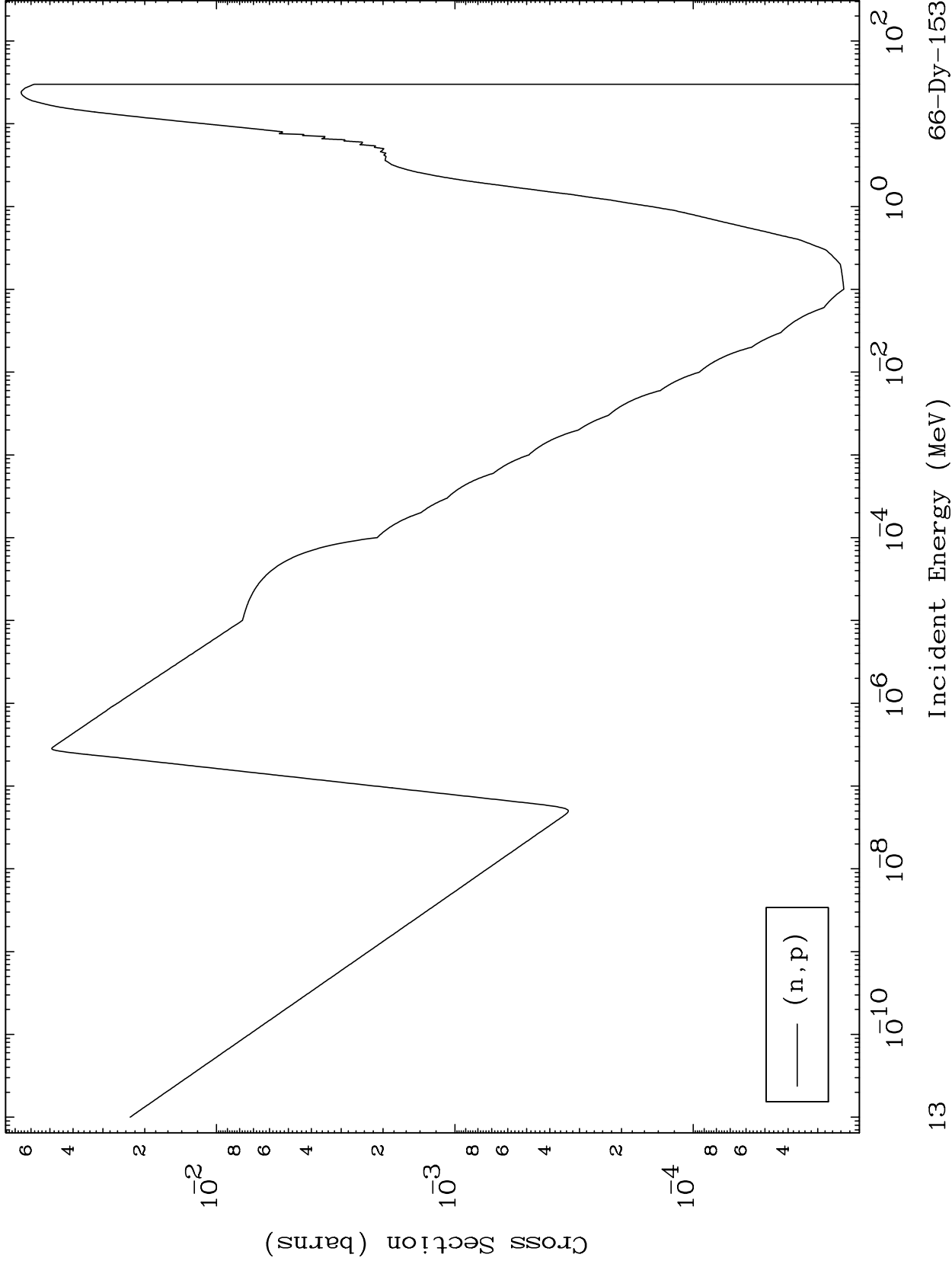
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MAT 6616

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-153



13

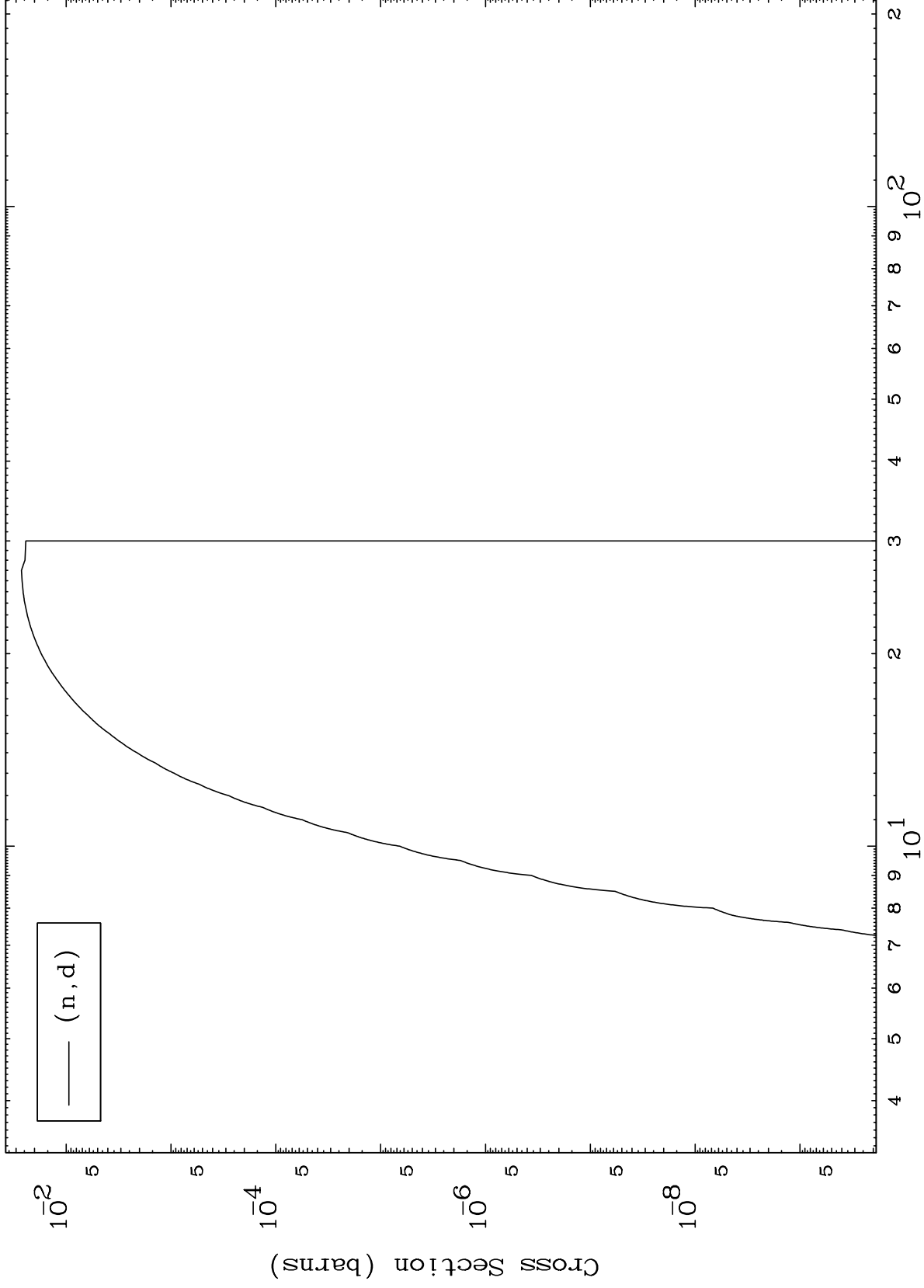
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66-Dy-153

MAT 6616

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-153



14

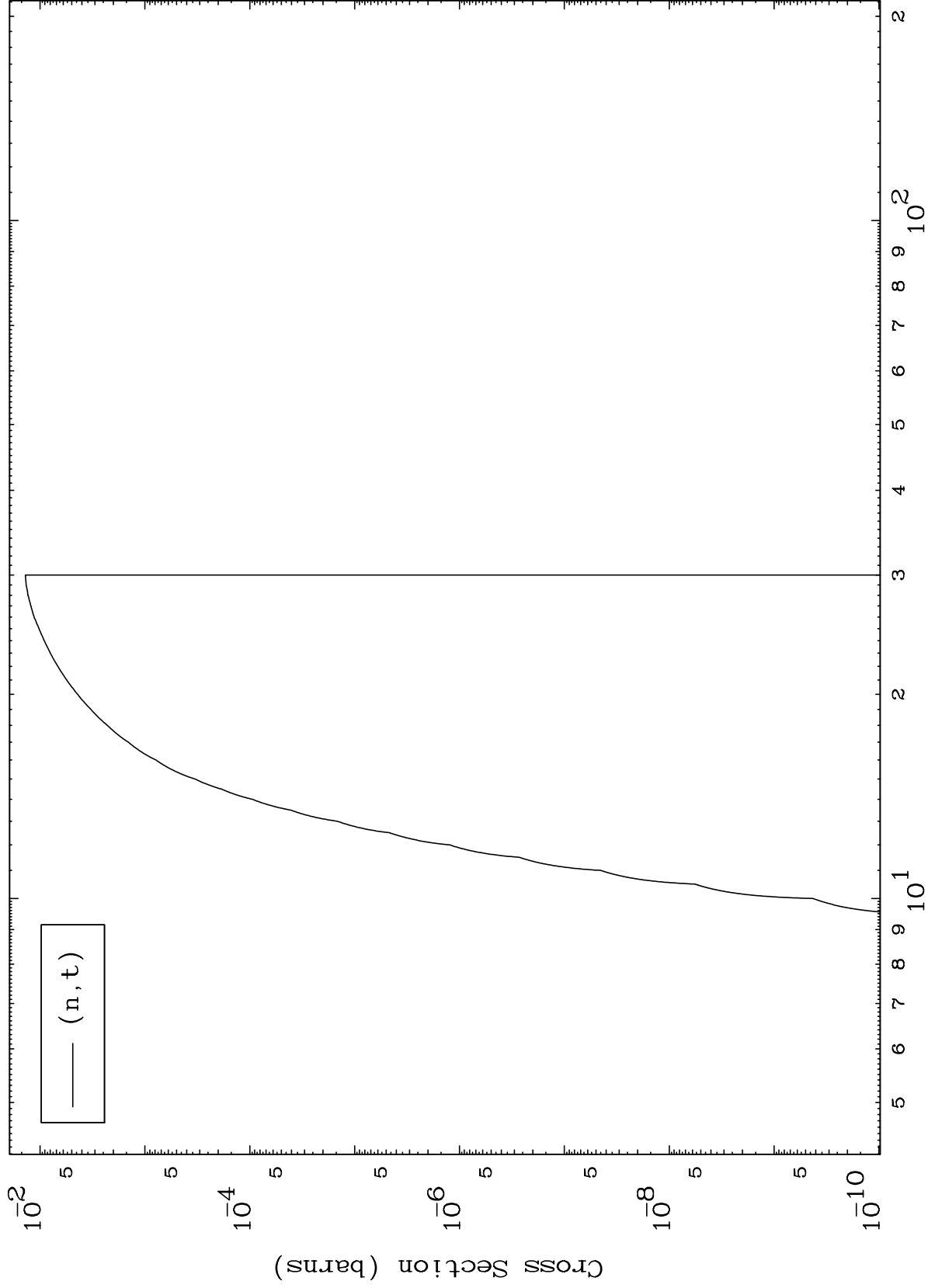
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-153



15

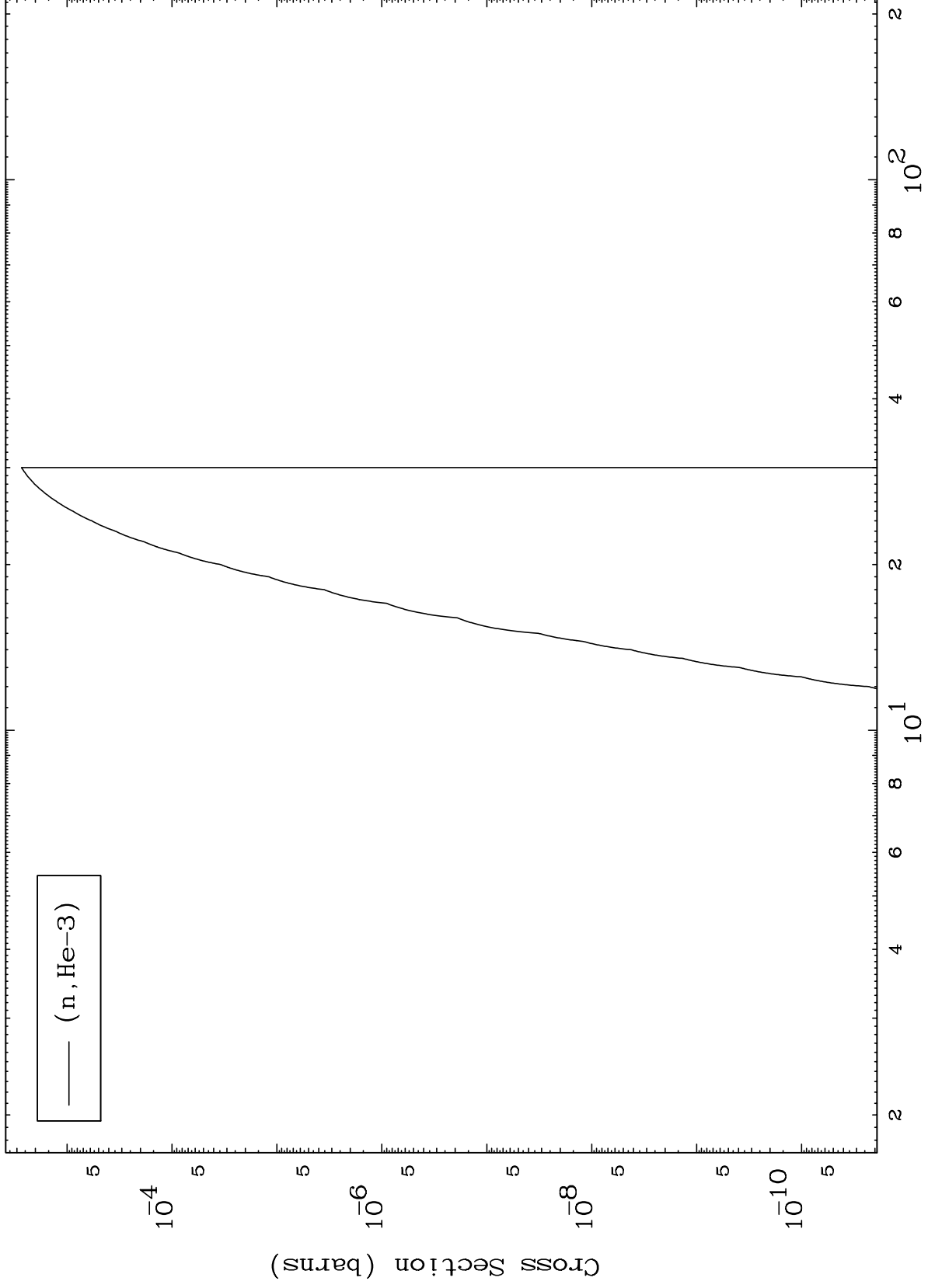
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-153



16

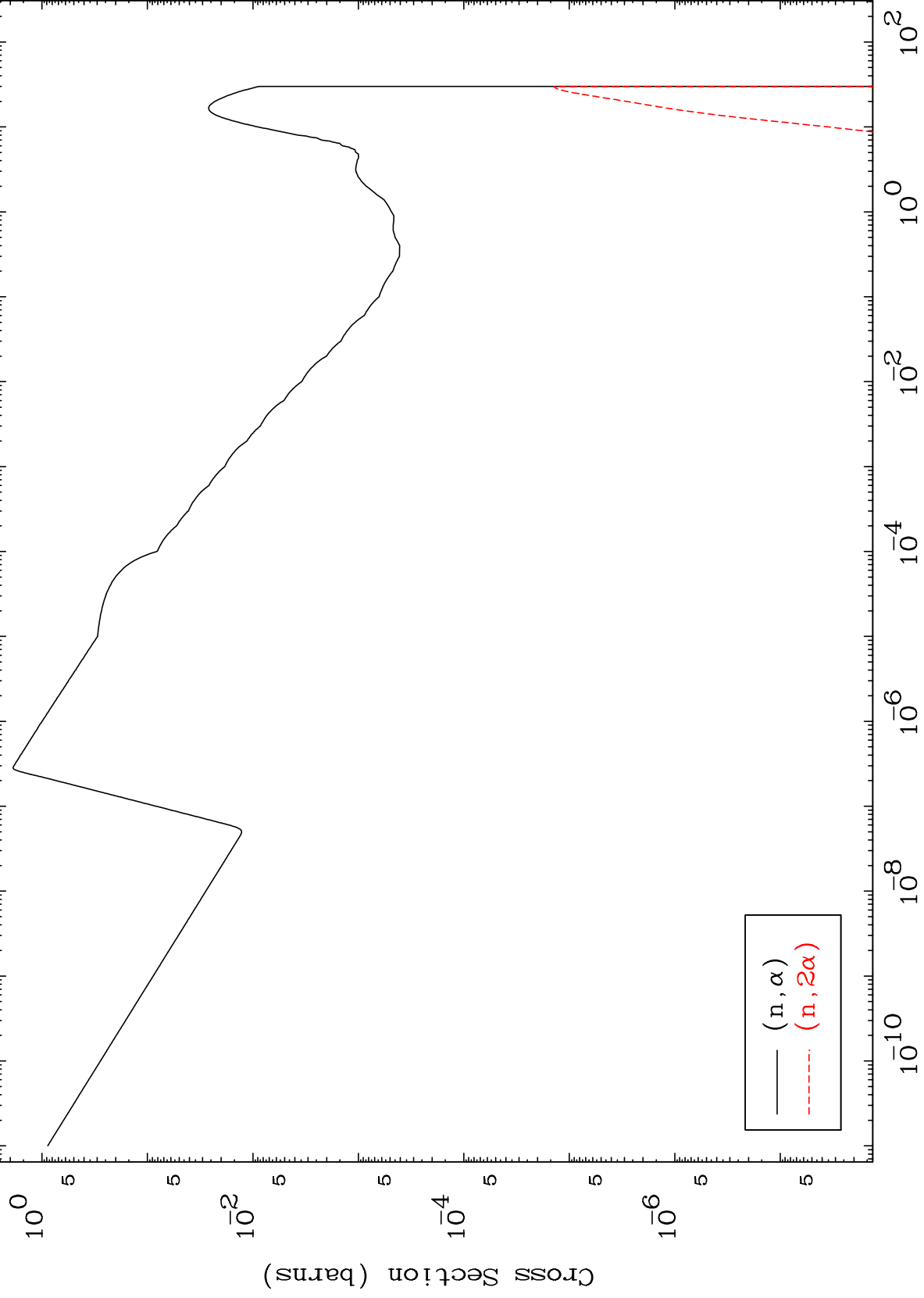
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,α) Levels
293 Kelvin Cross Sections

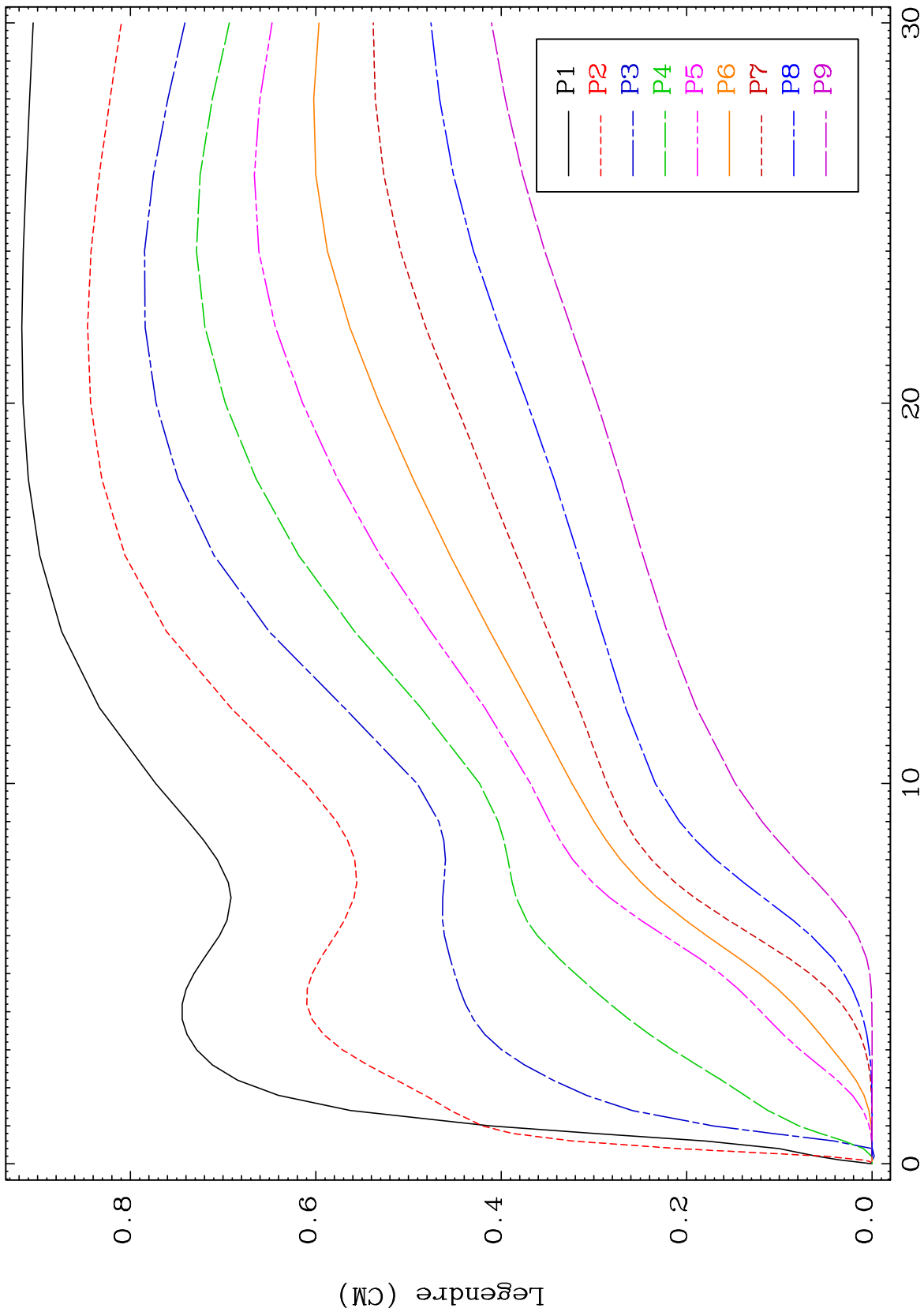
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MAT 6616

Elastic Legendre Coefficients

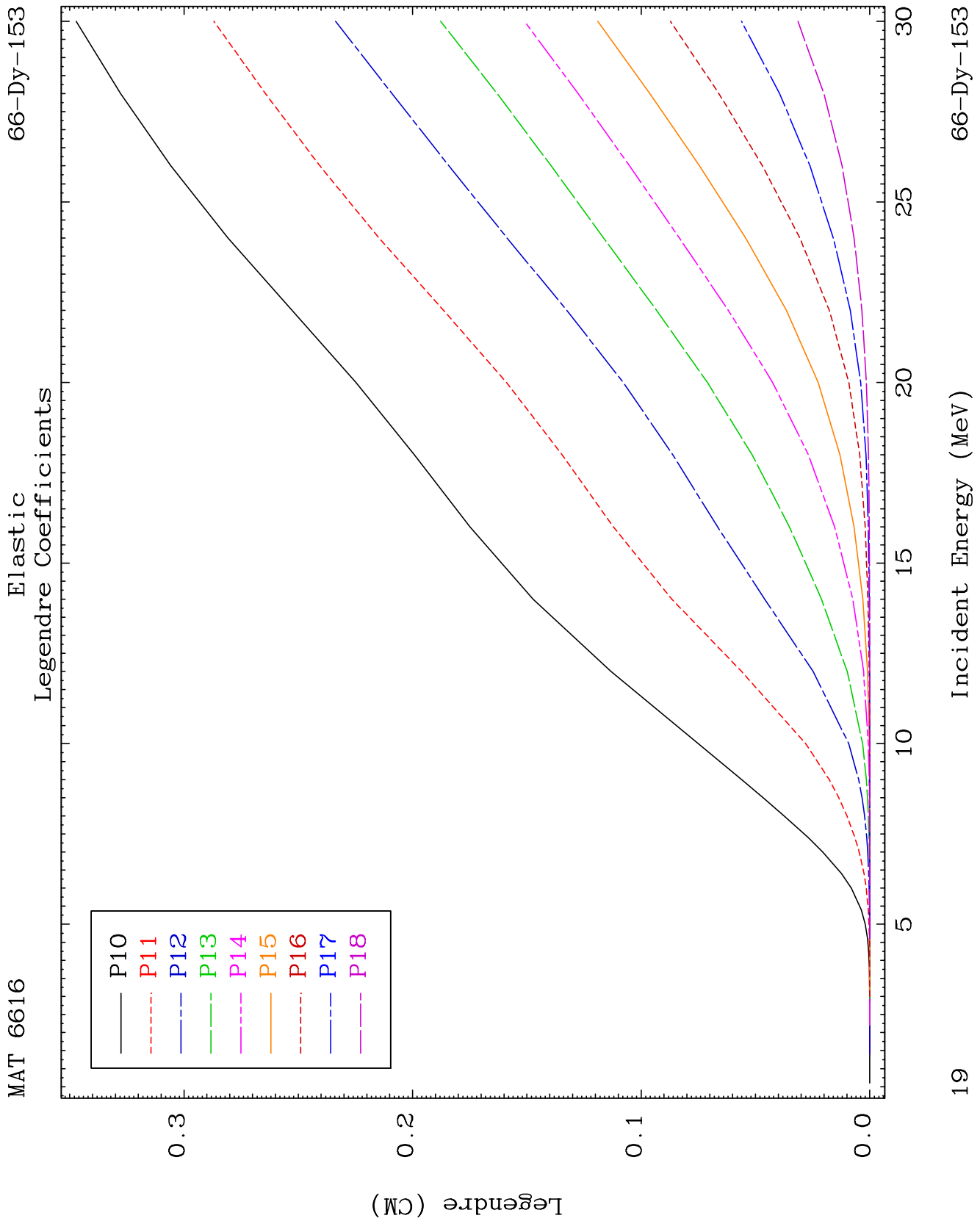
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18

Incident Energy (MeV)

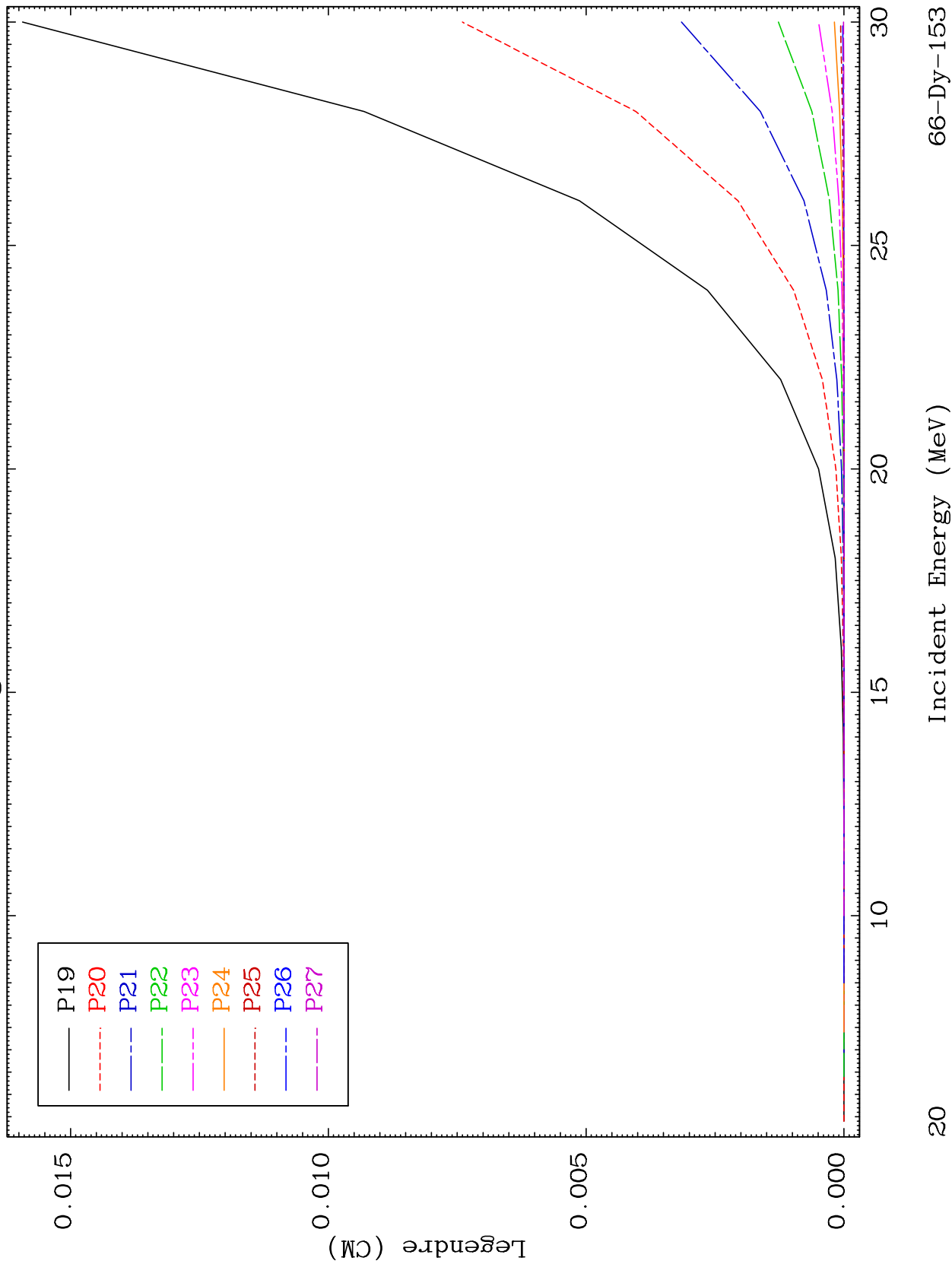
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MAT 6616

Elastic Legendre Coefficients

66-Dy-153



20

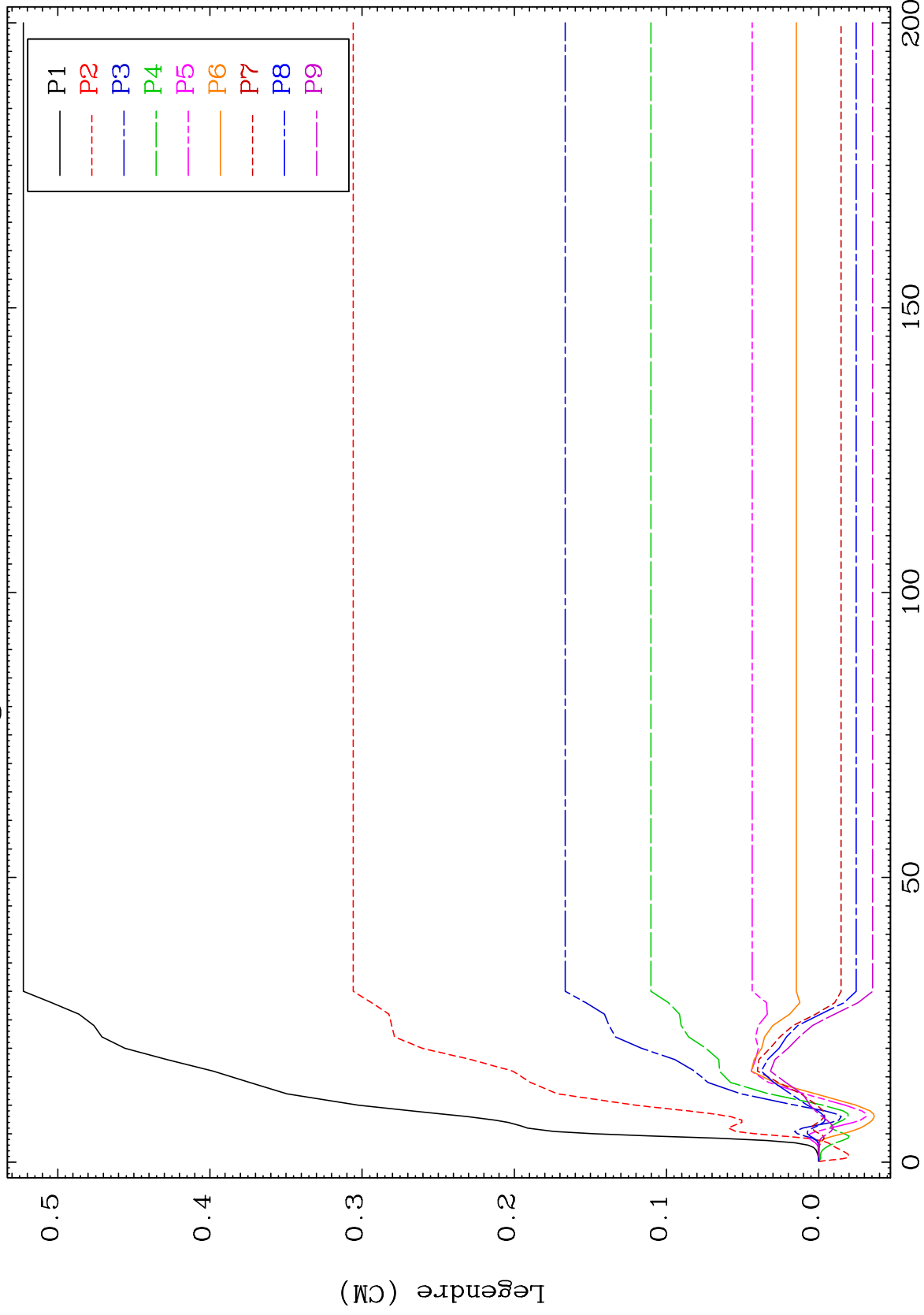
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



22

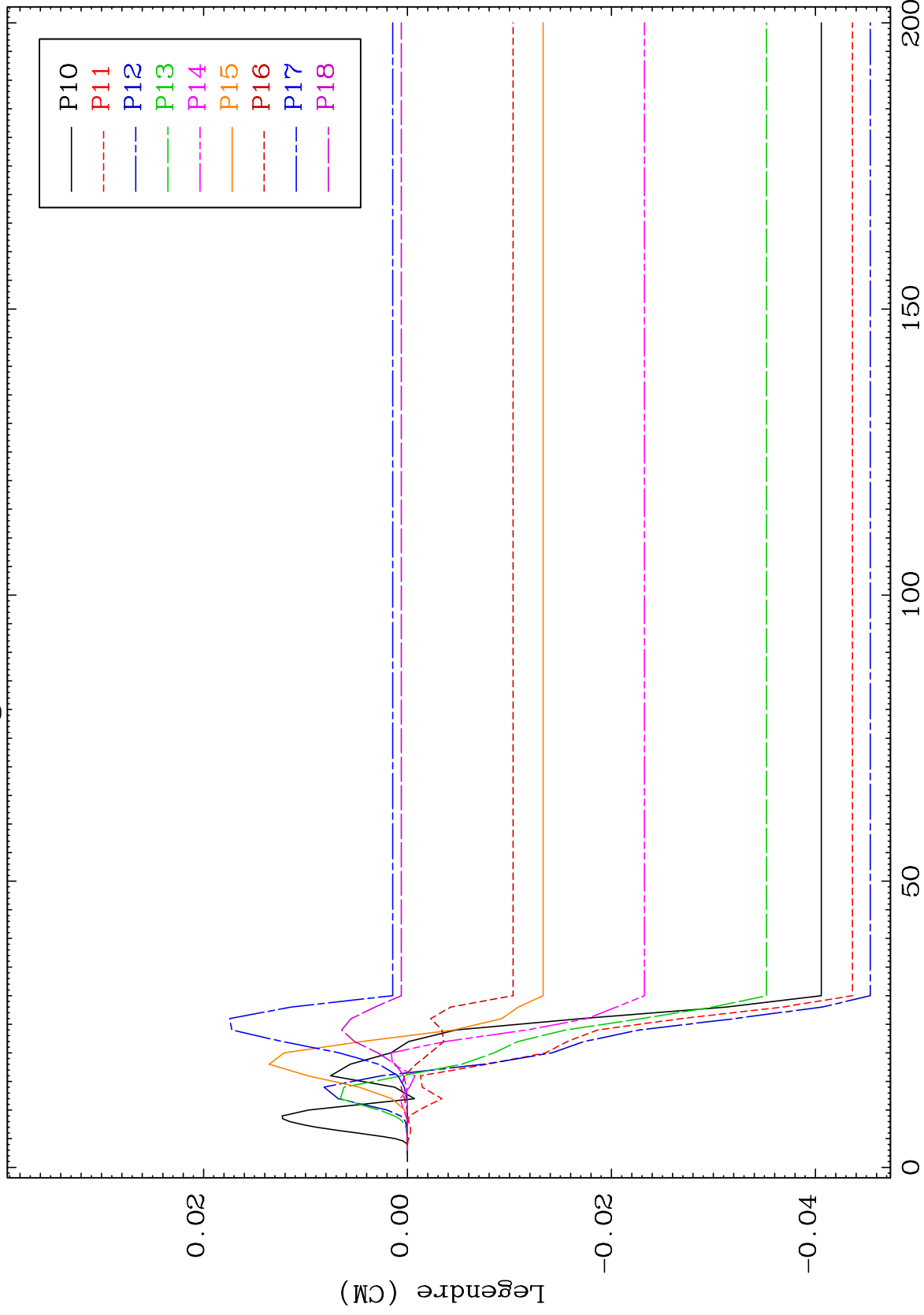
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

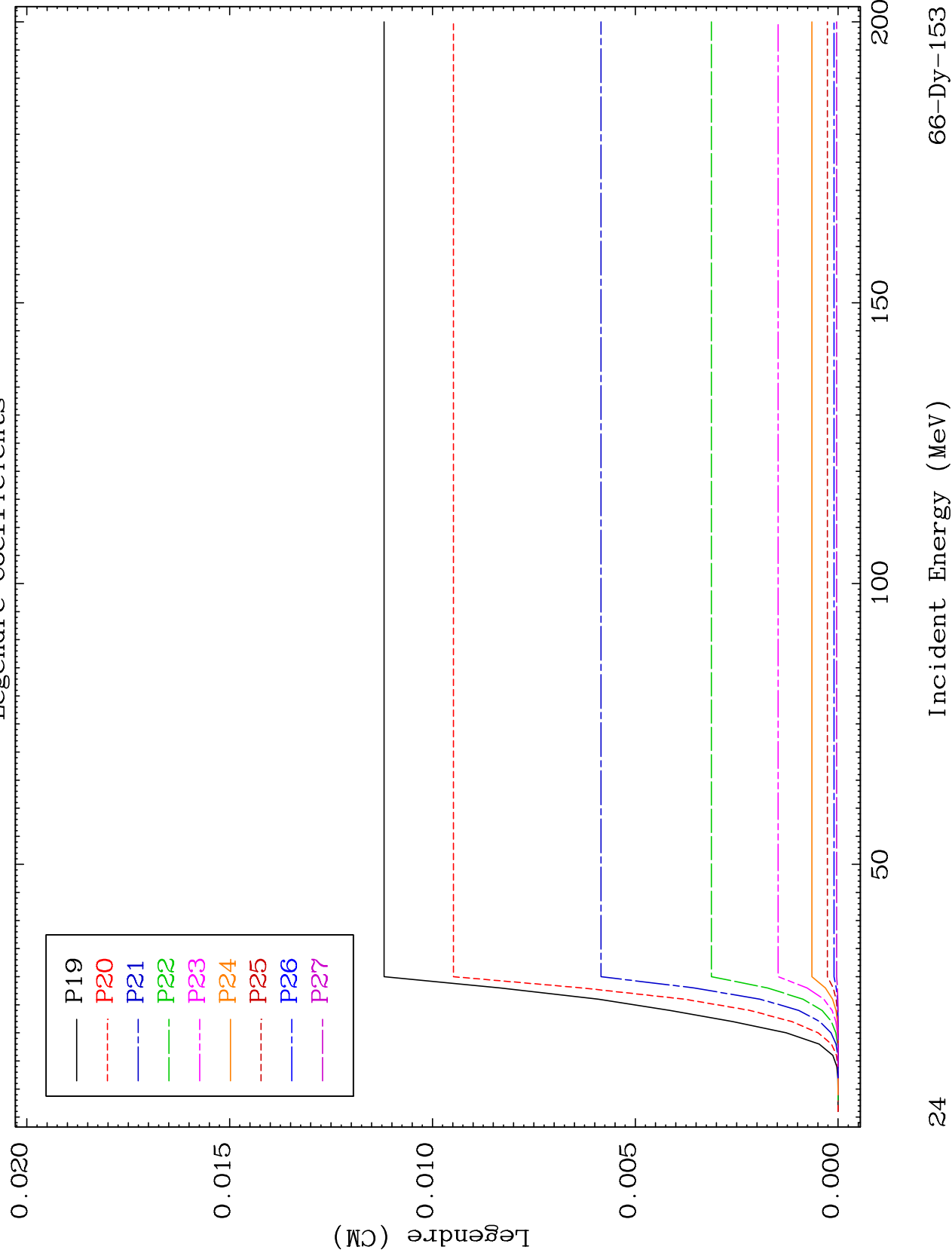
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23

Incident Energy (MeV)

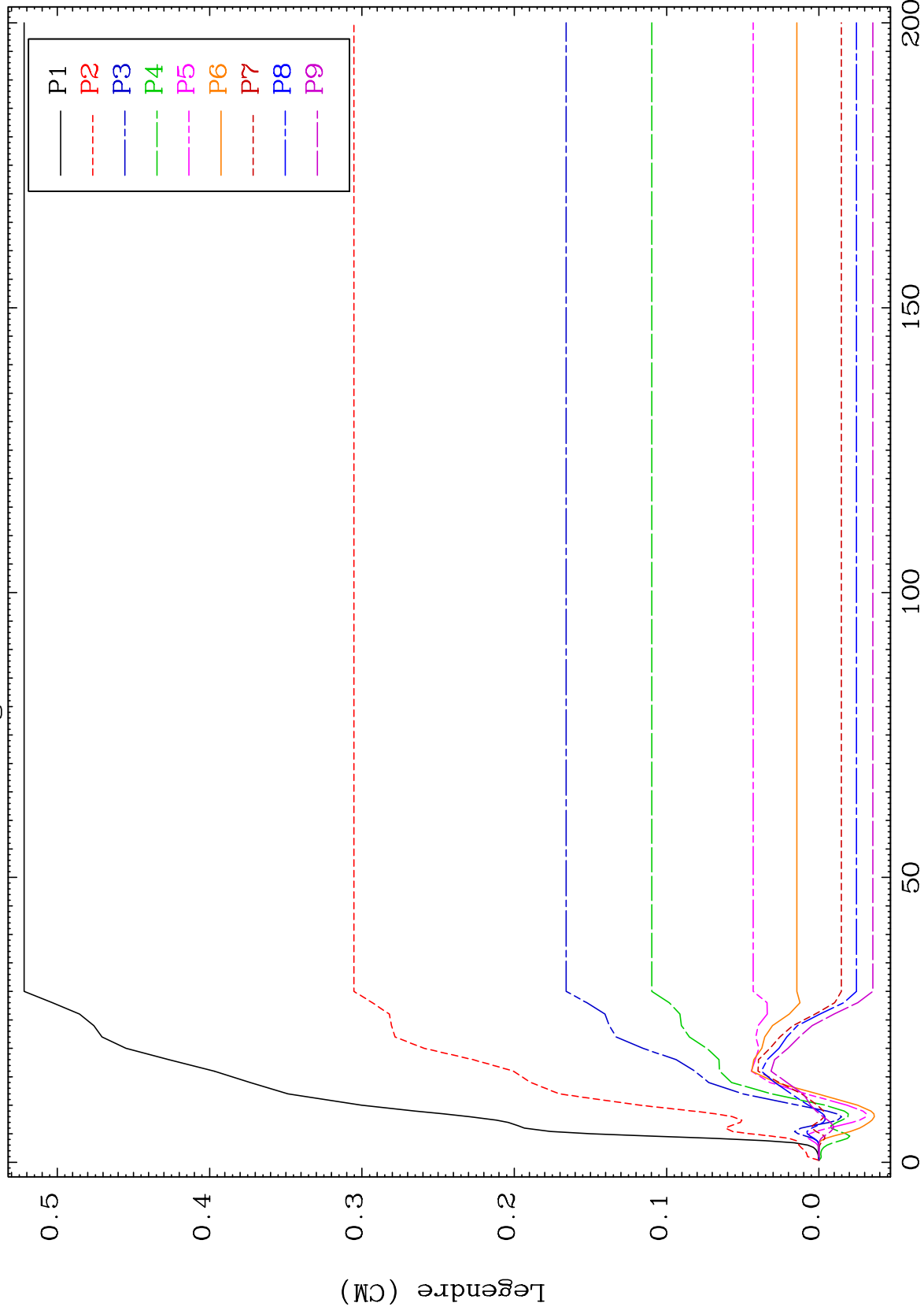
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MAT 6616

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

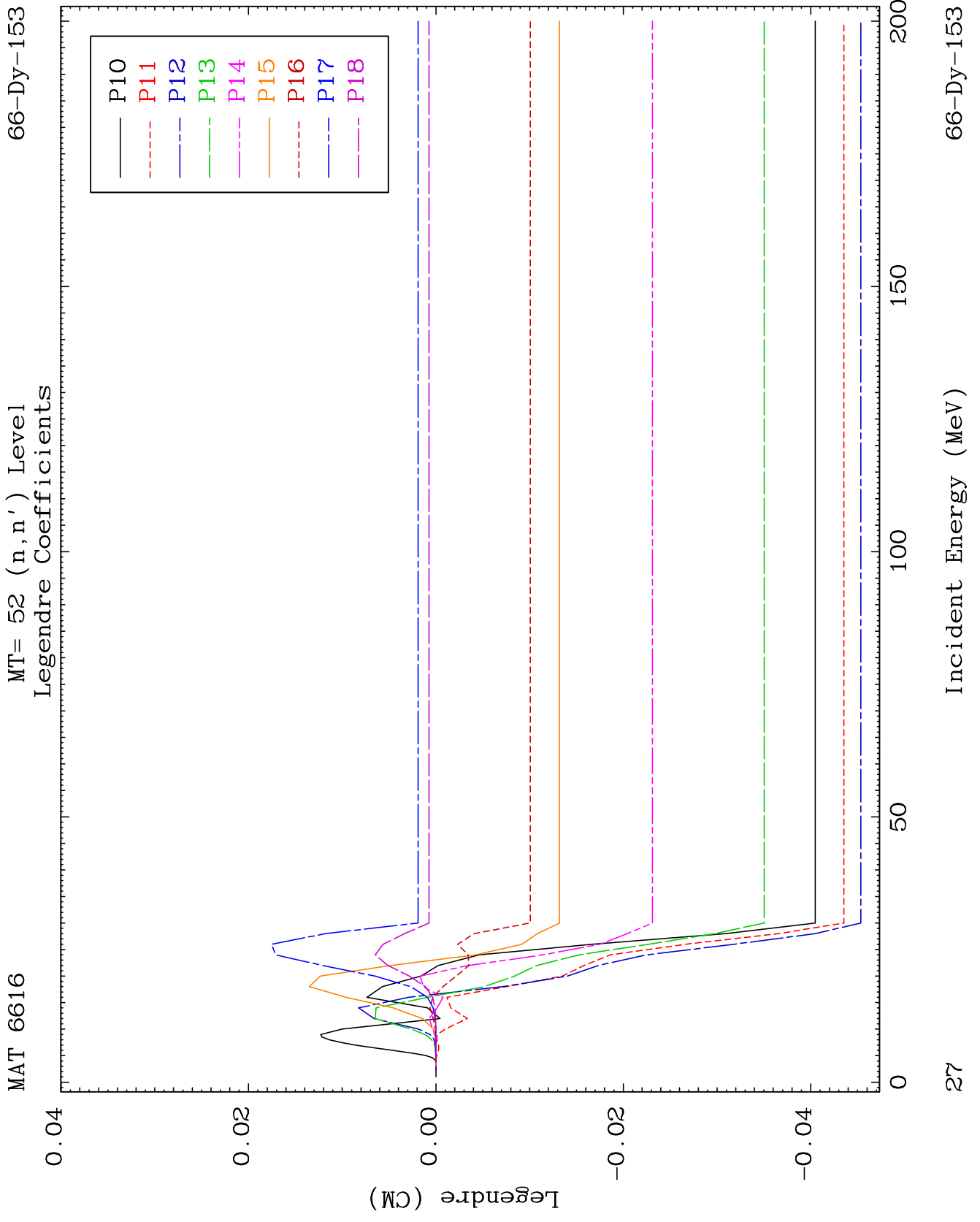
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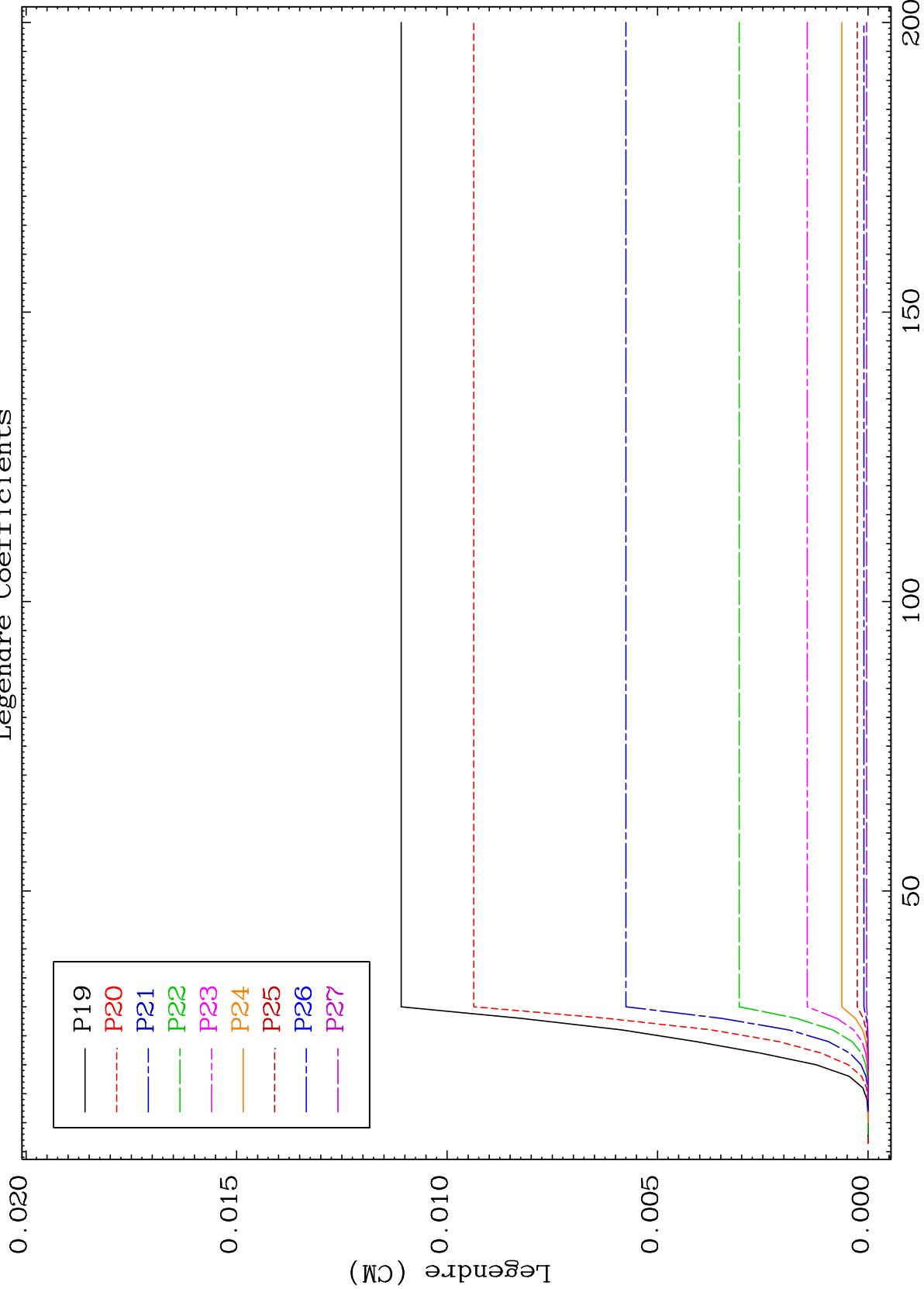


26

Incident Energy (MeV)

66-Dy-153

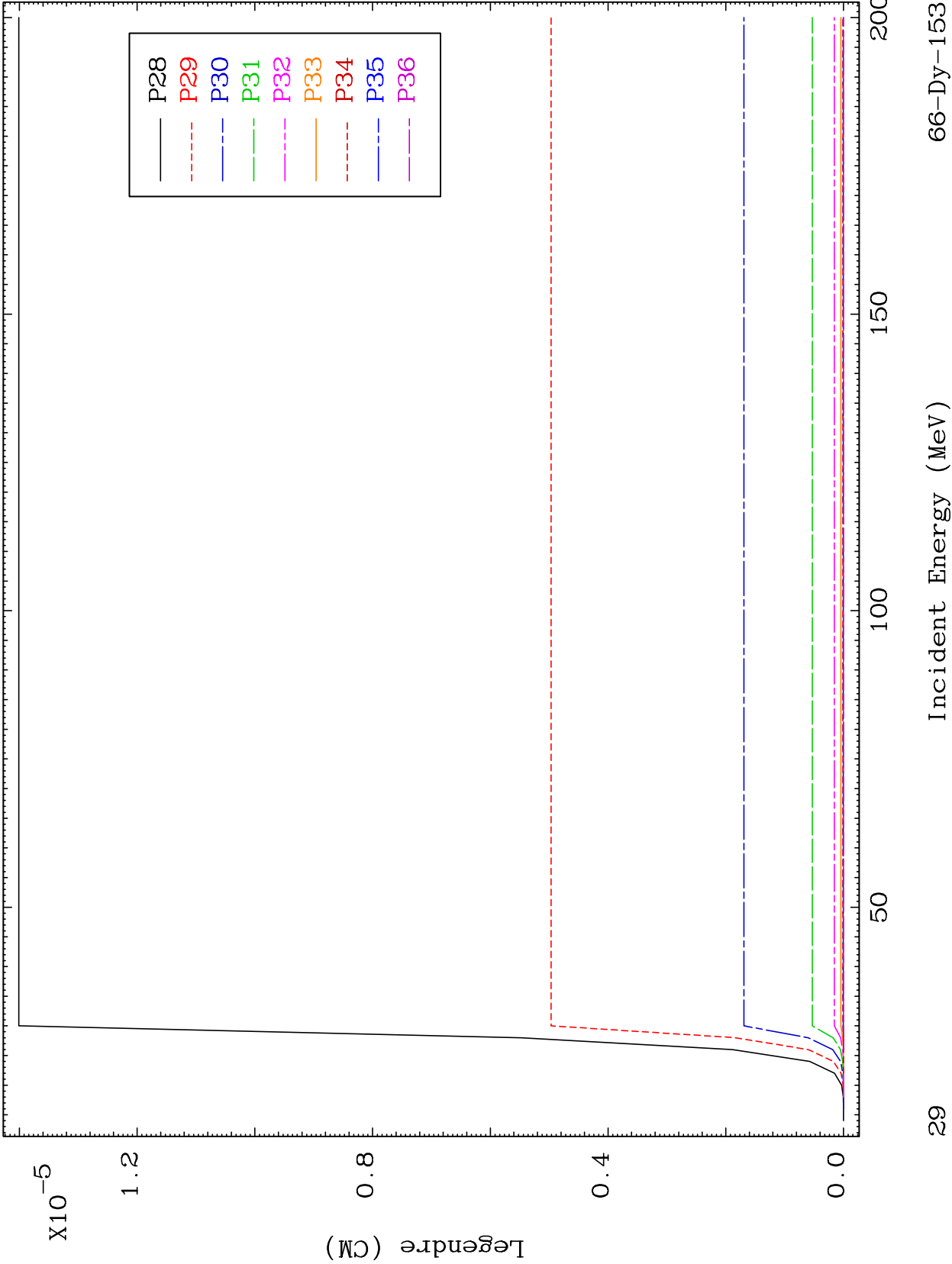




MAT 6616

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

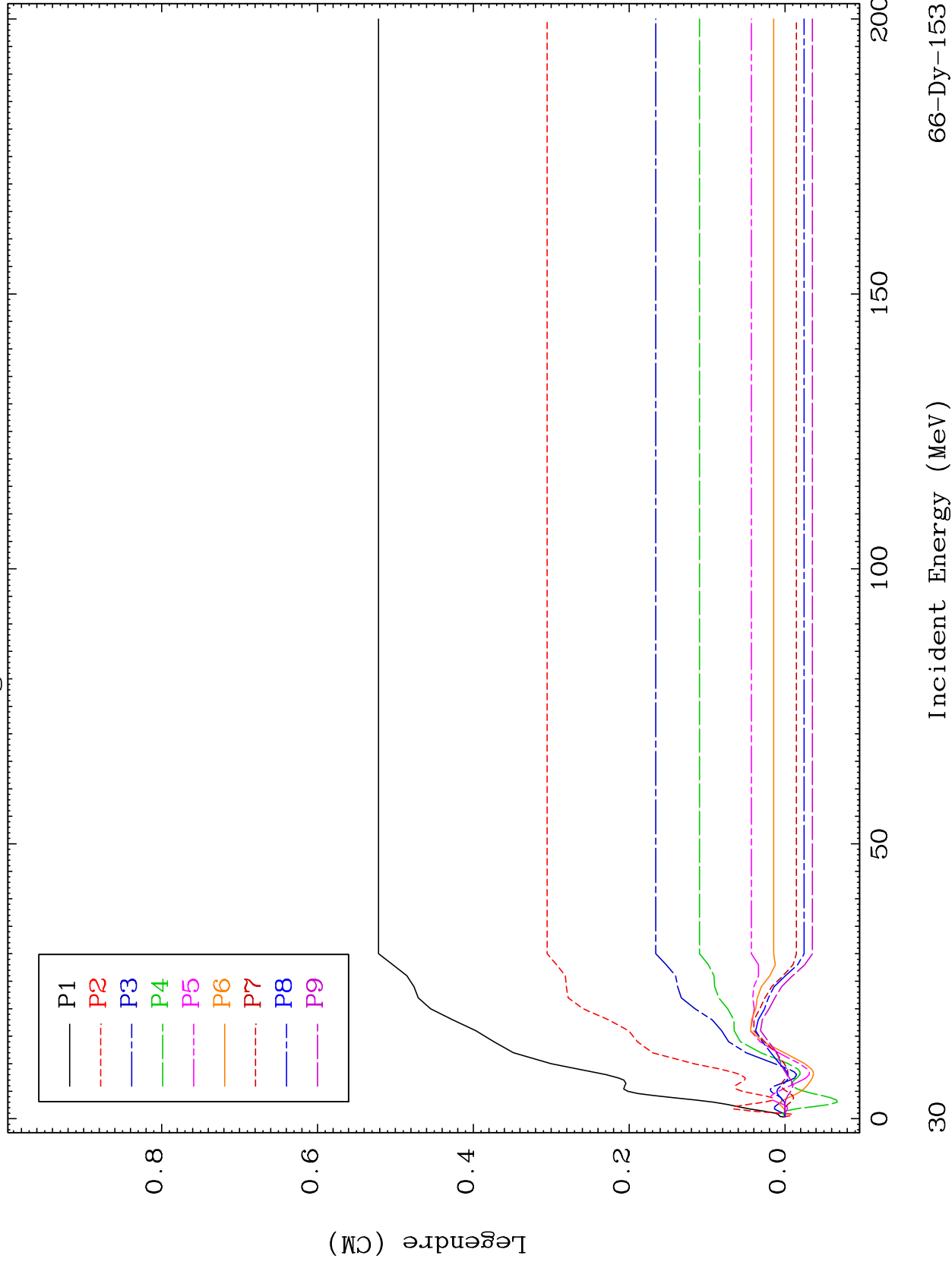
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MAT 6616

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

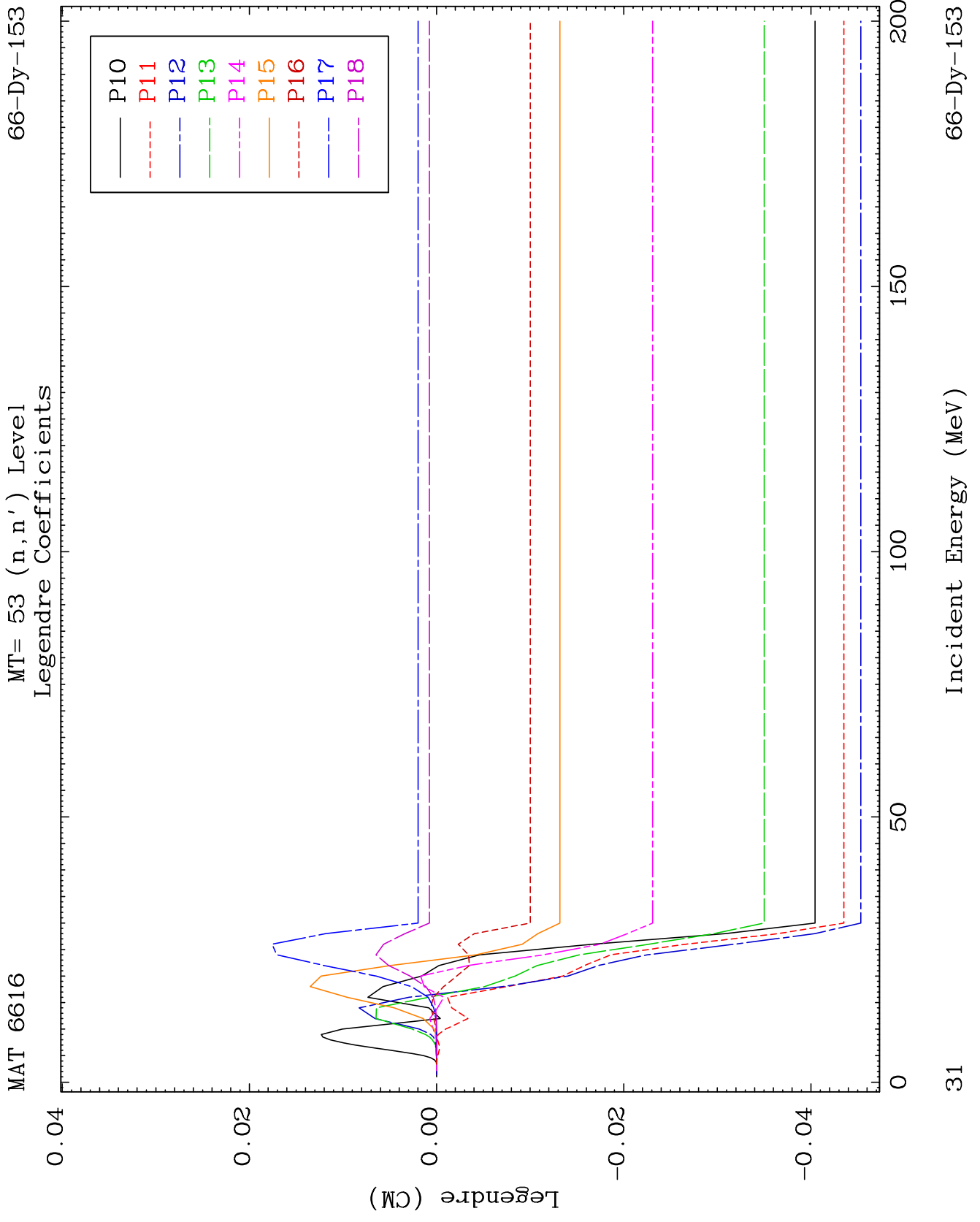
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66-Dy-153

Incident Energy (MeV)

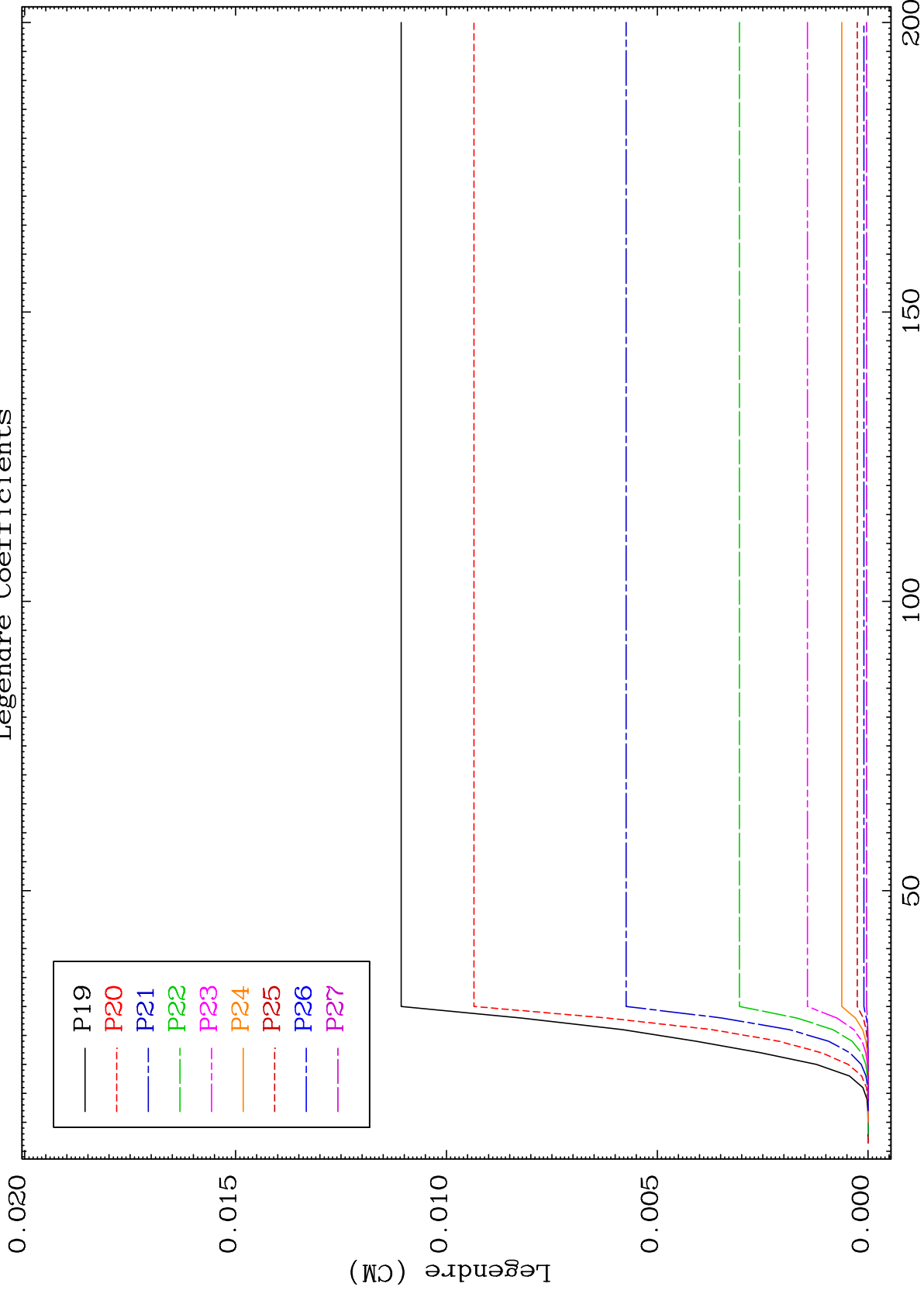
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MAT 6616

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

66-Dy-153



32

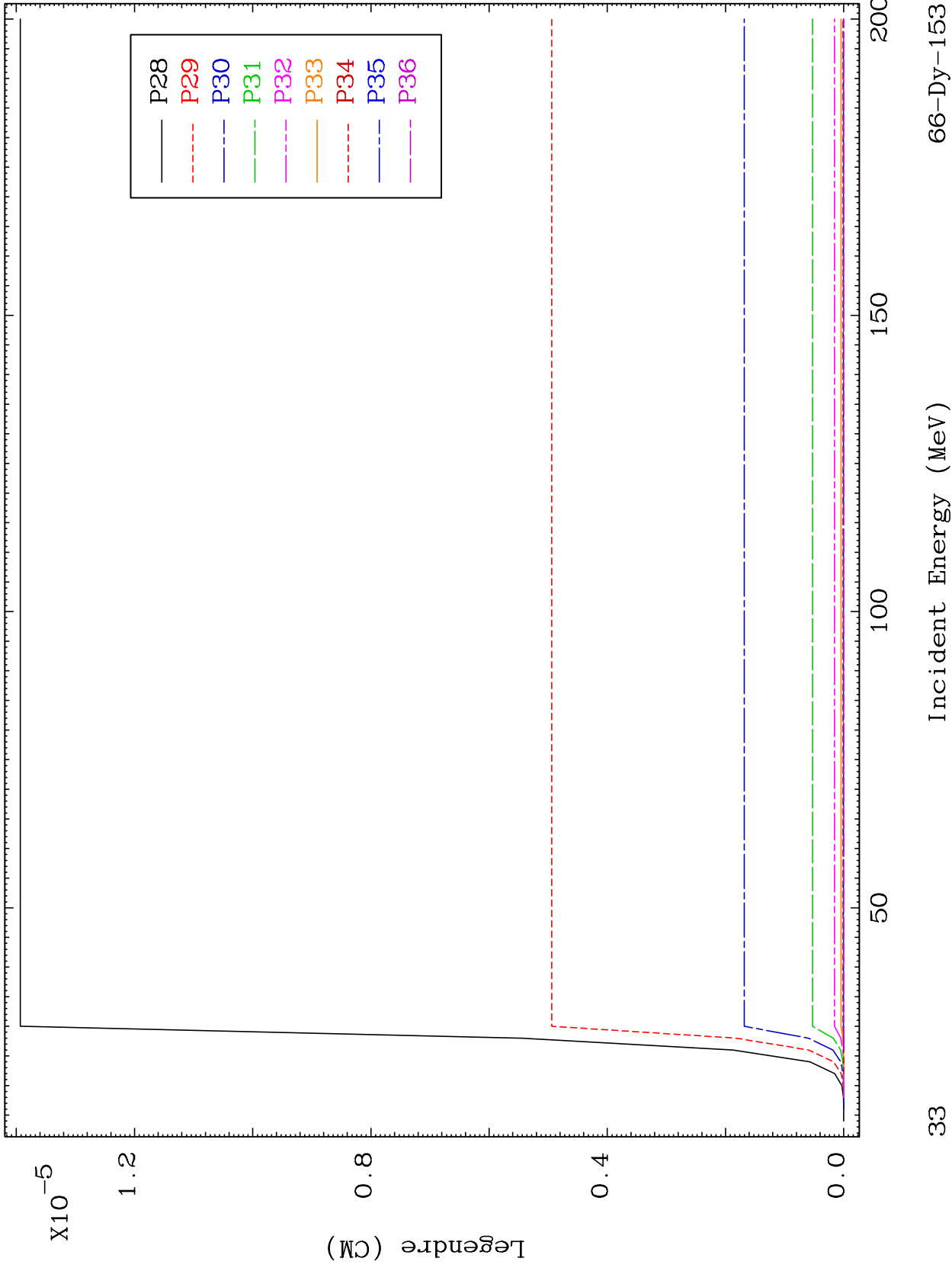
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



33

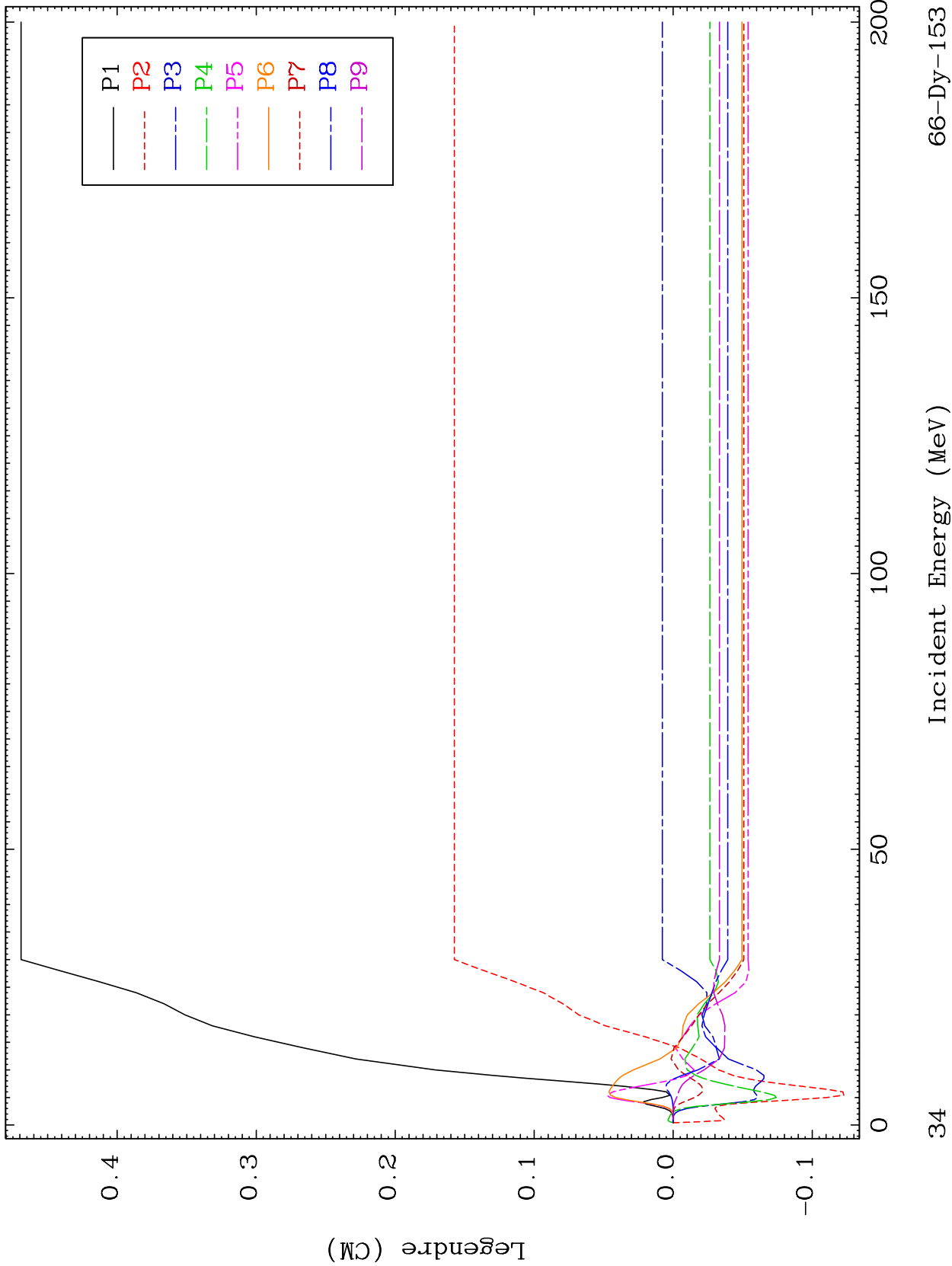
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



34

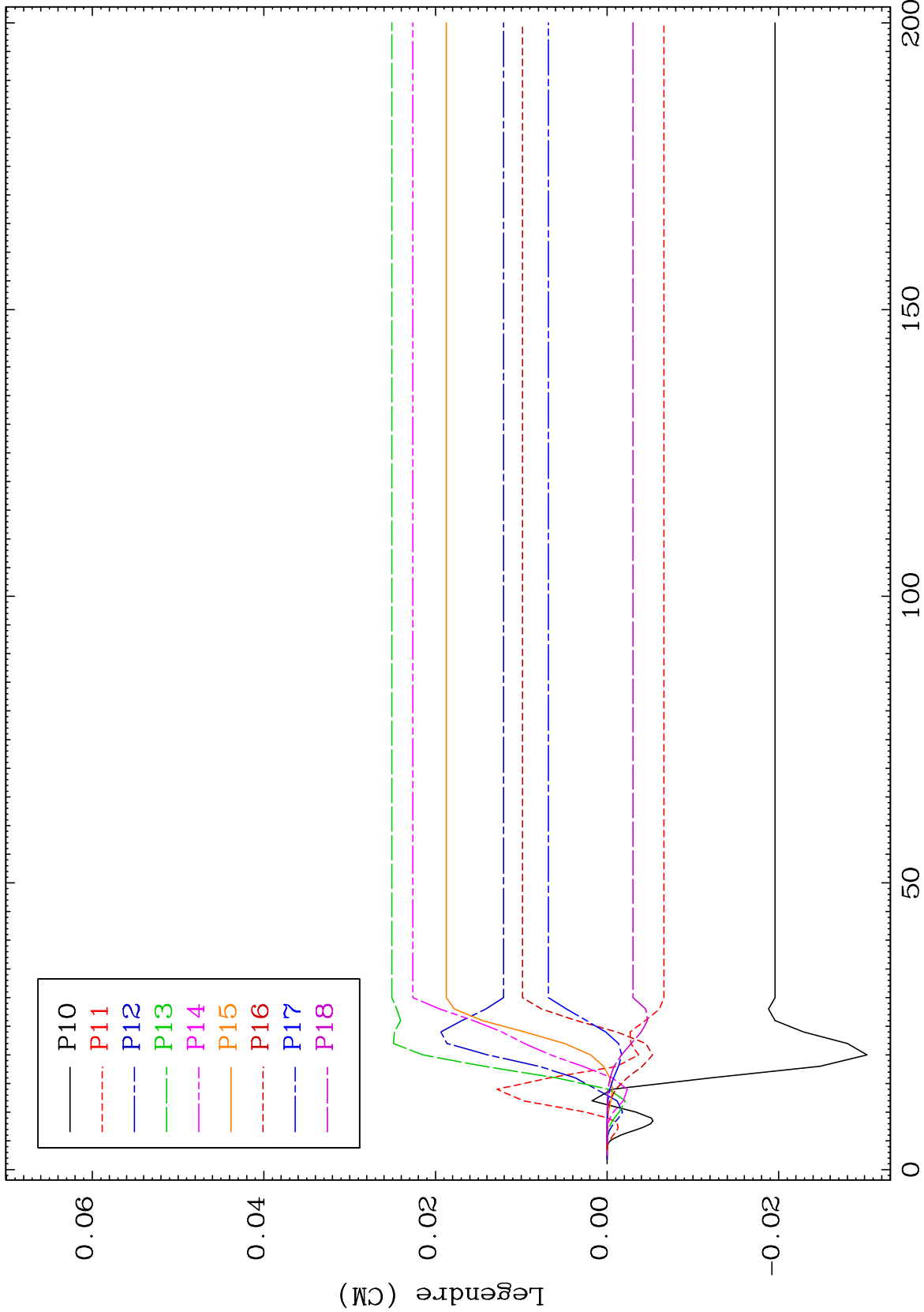
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

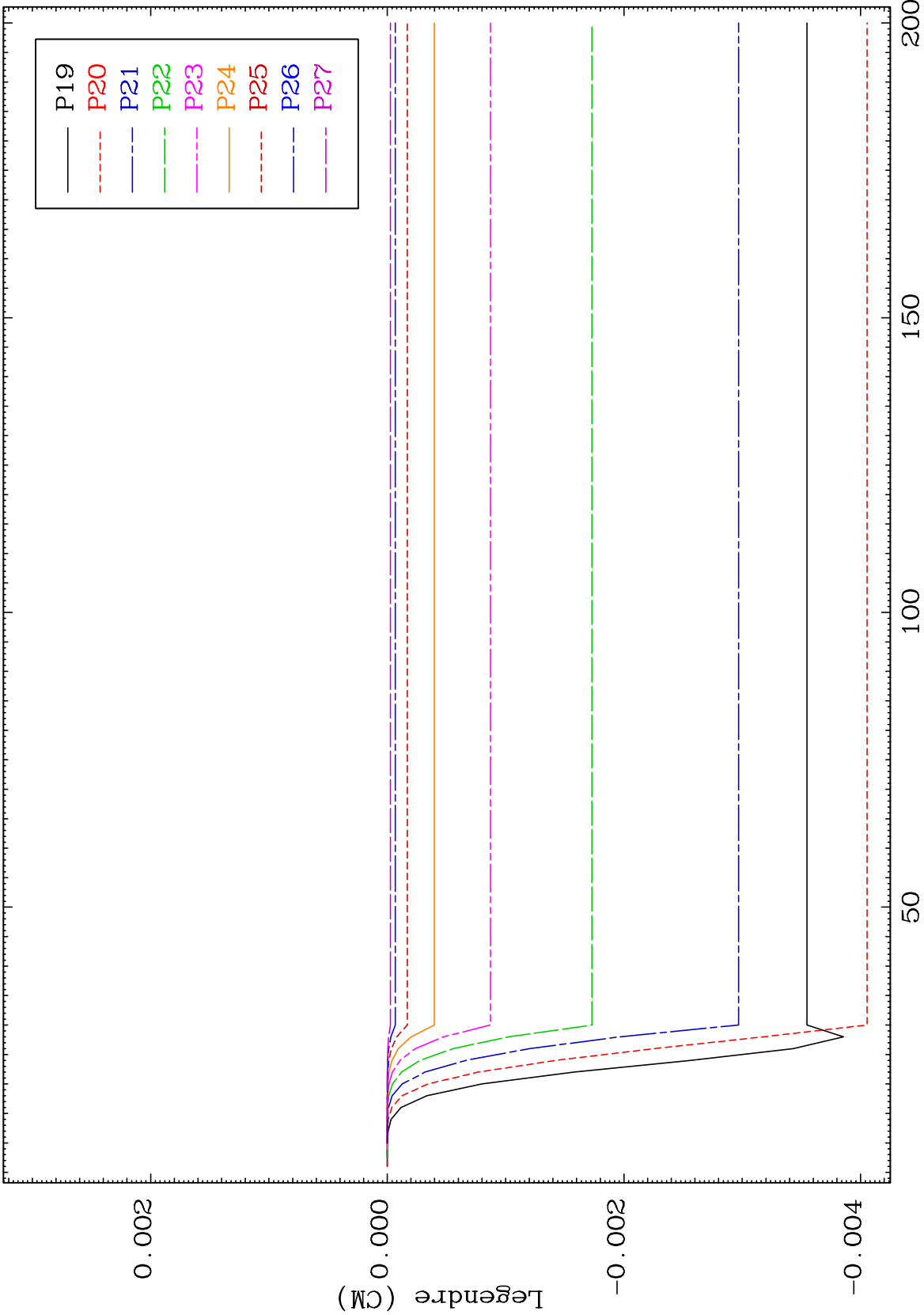
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35

Incident Energy (MeV)

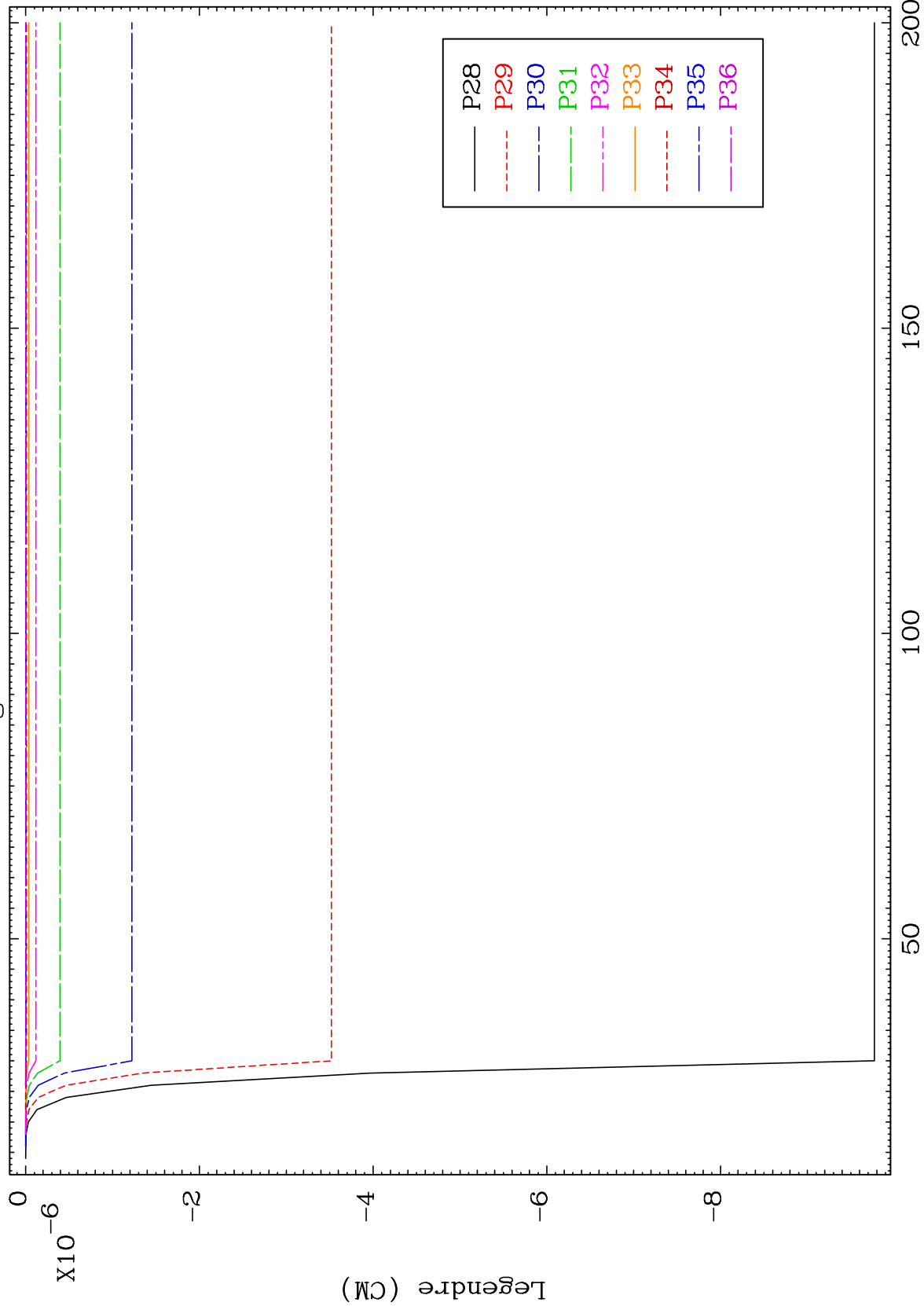
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MAT 6616

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

66-Dy-153



37

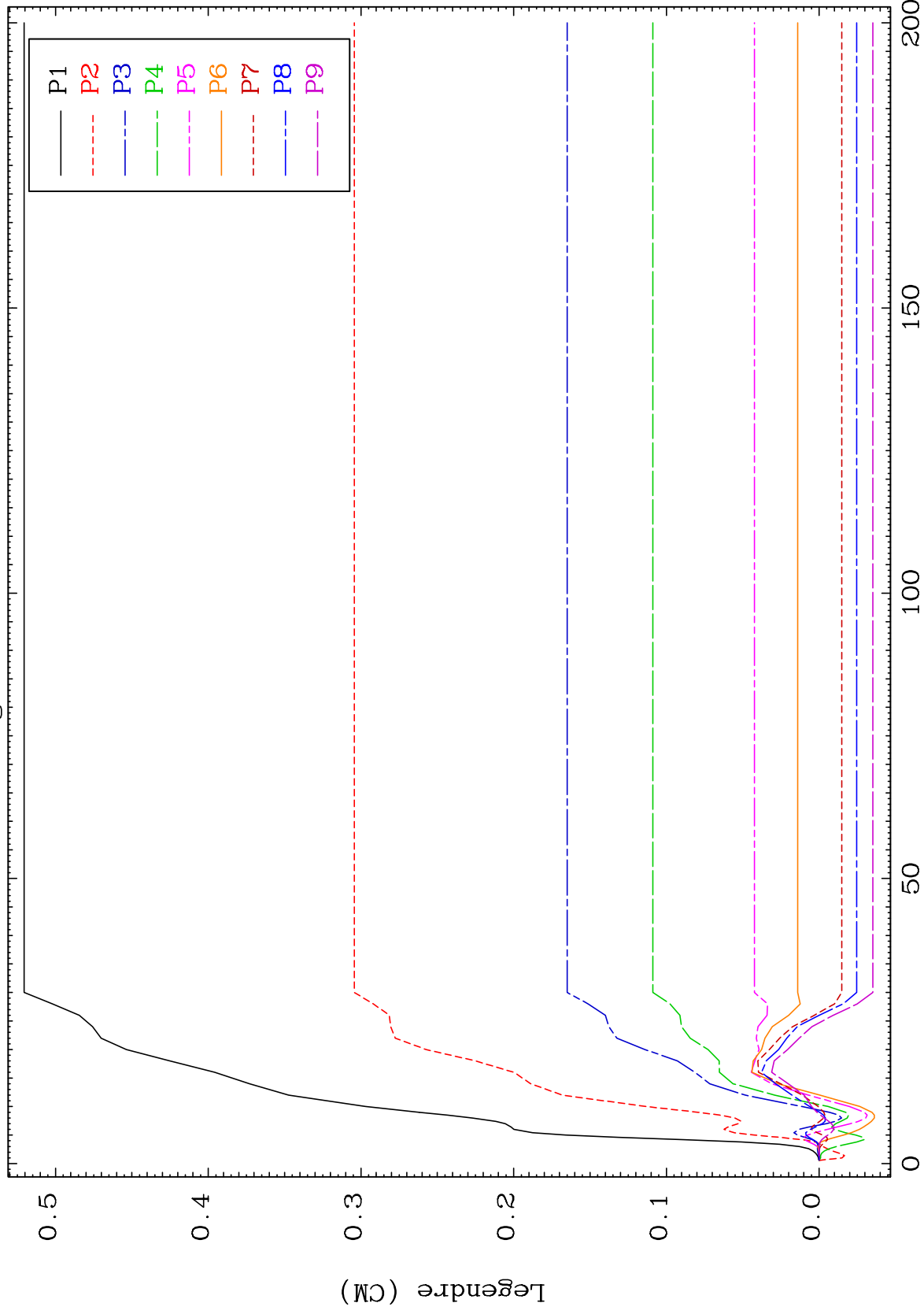
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



38

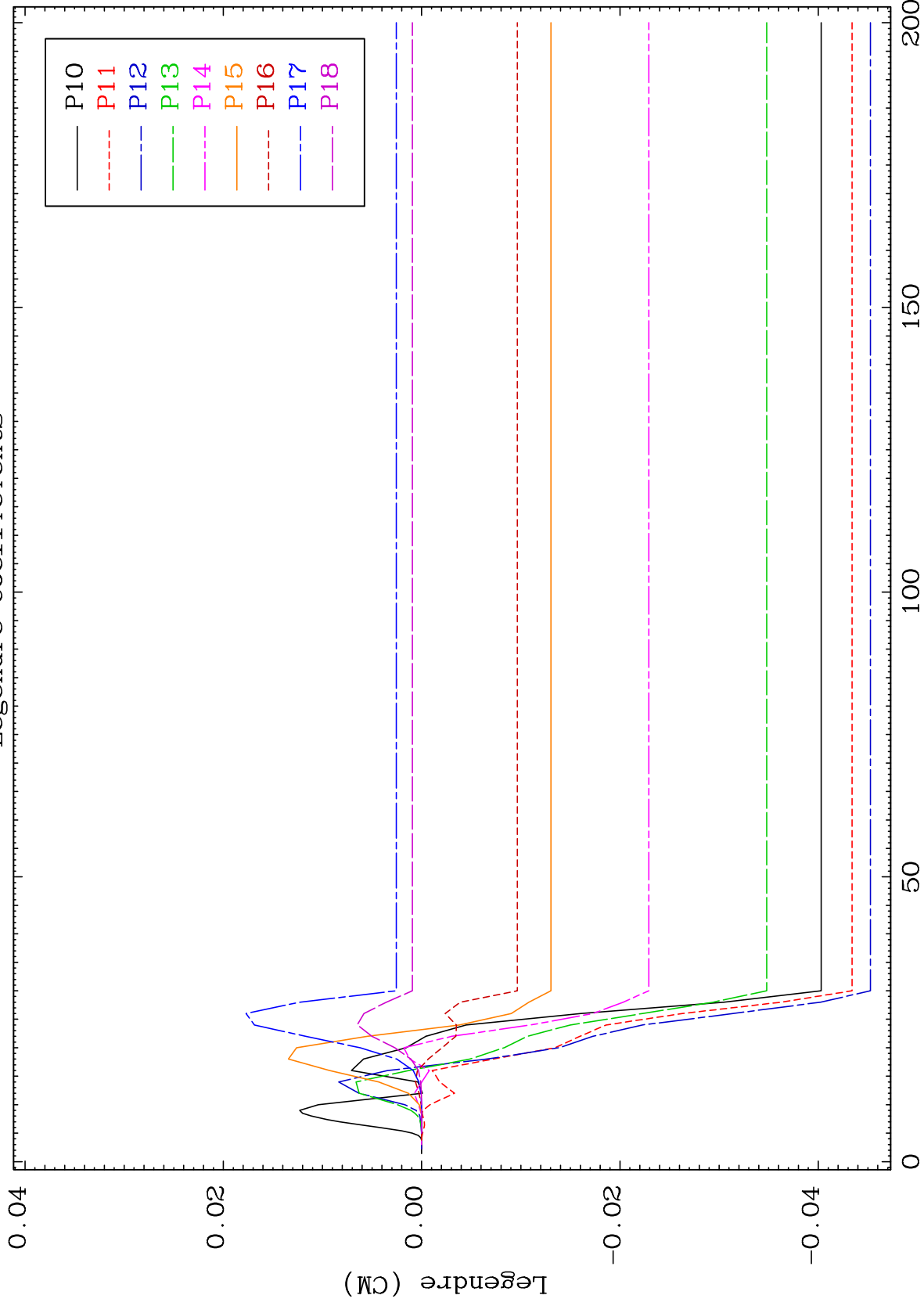
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



39

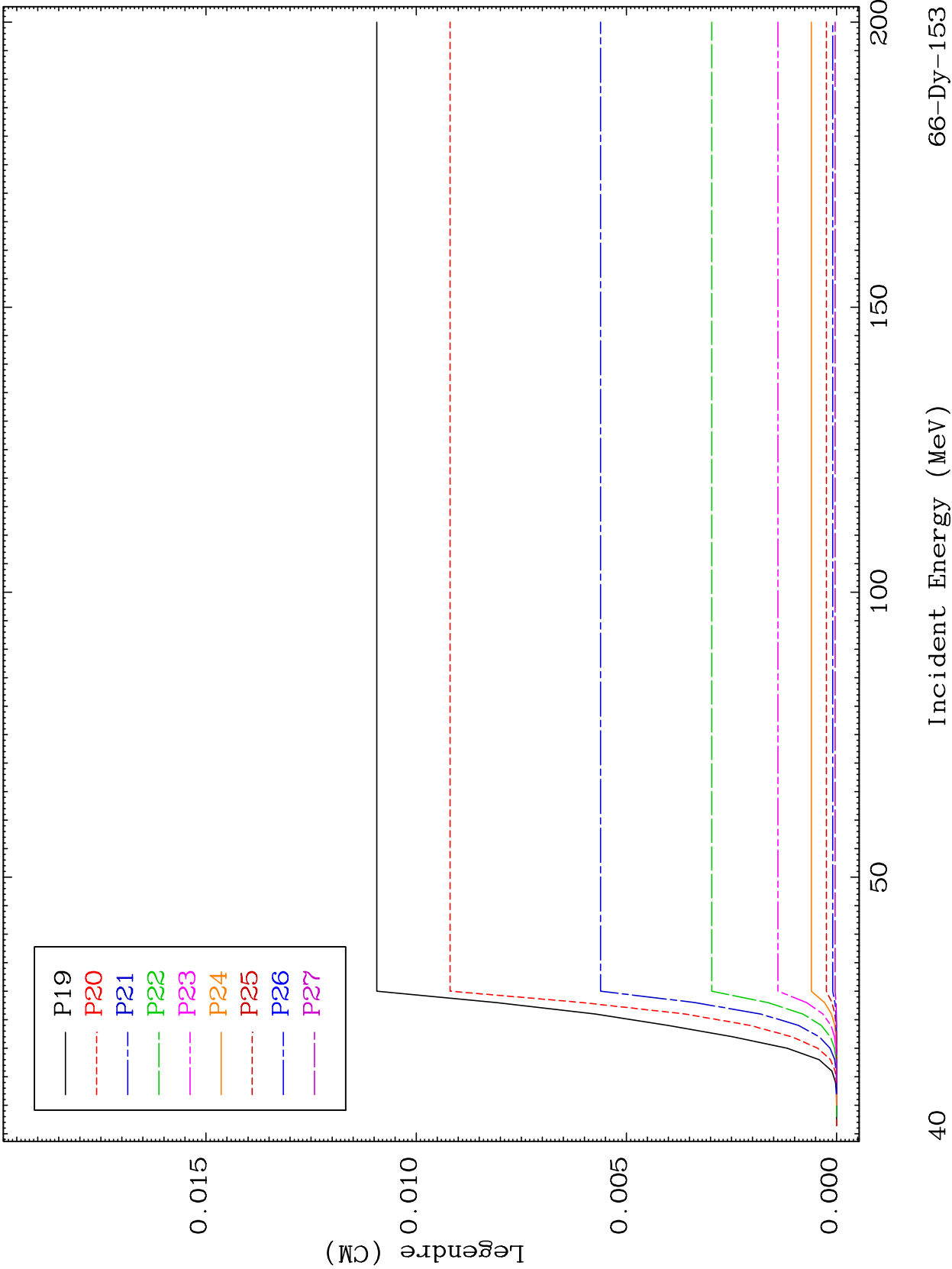
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



40

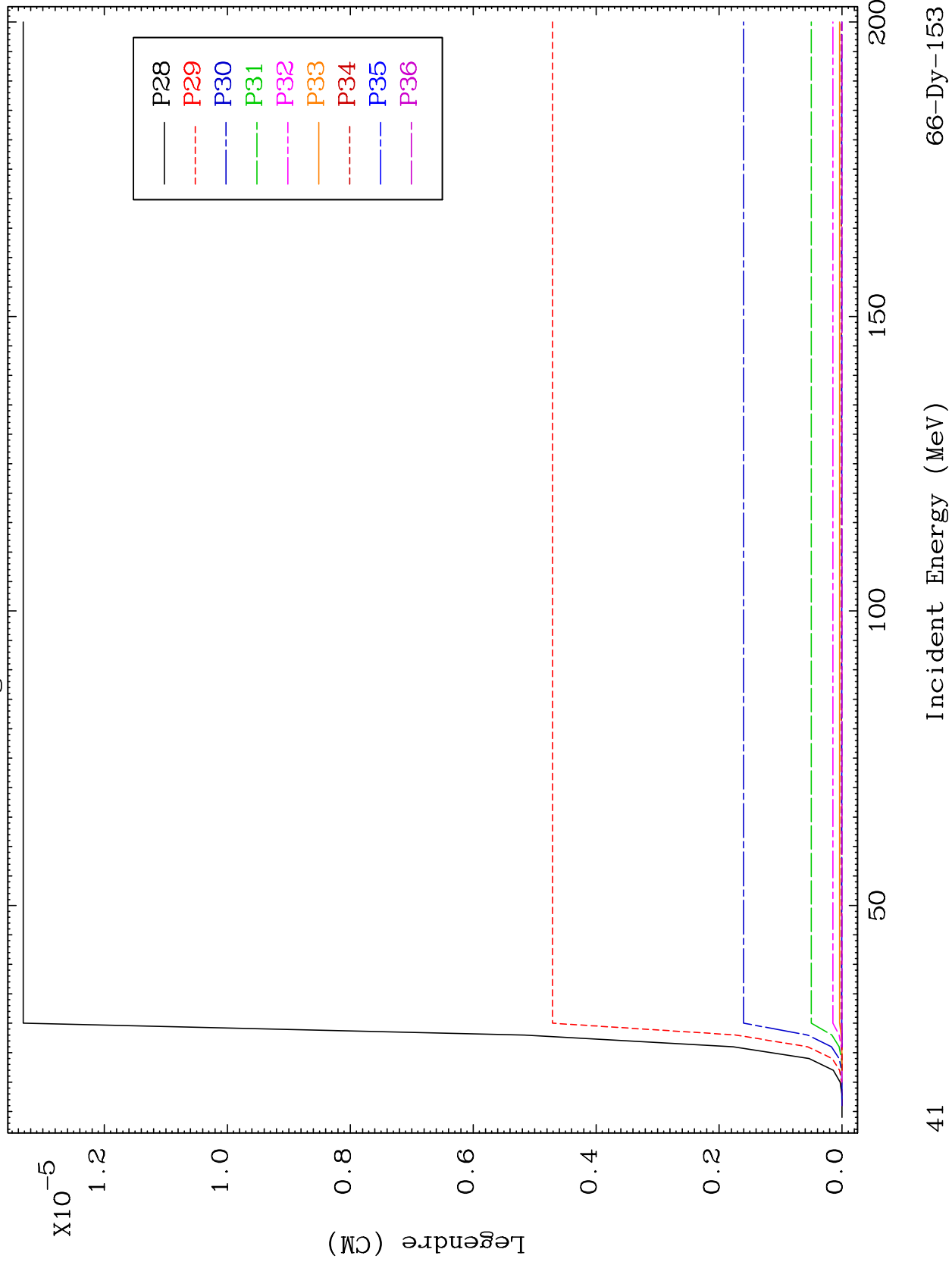
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

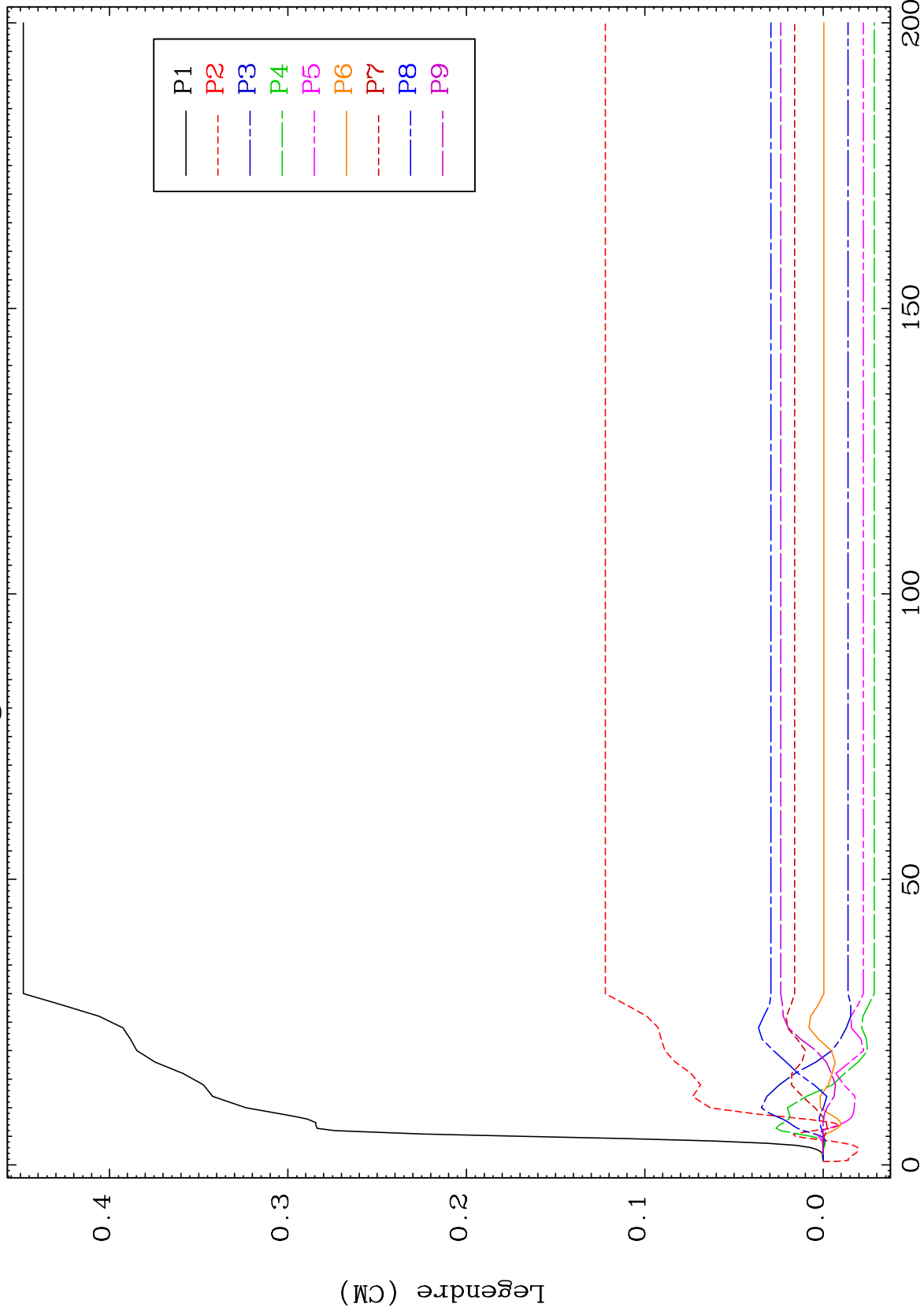
66-Dy-153



MAT 6616

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

66-Dy-153



42

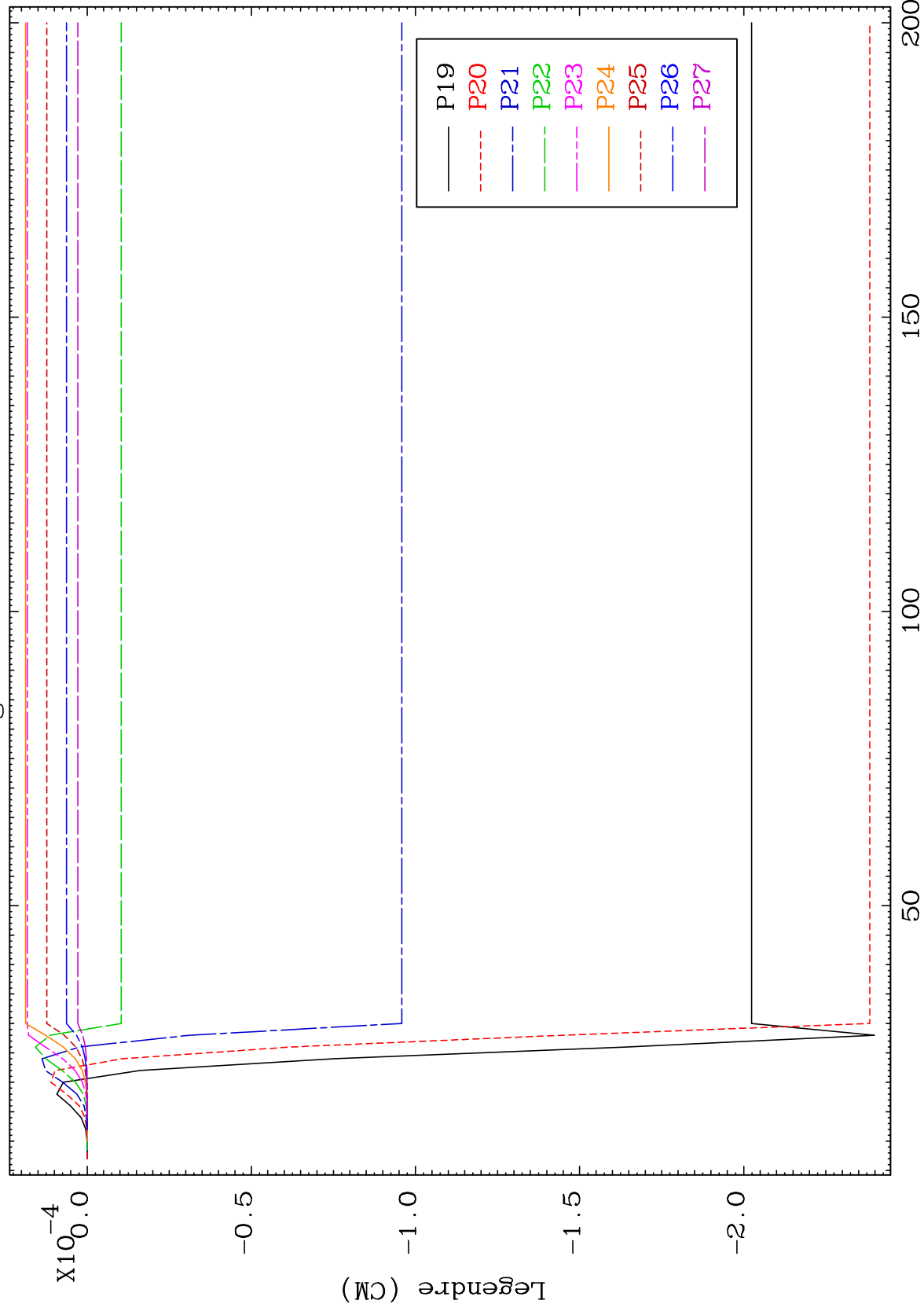
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



44

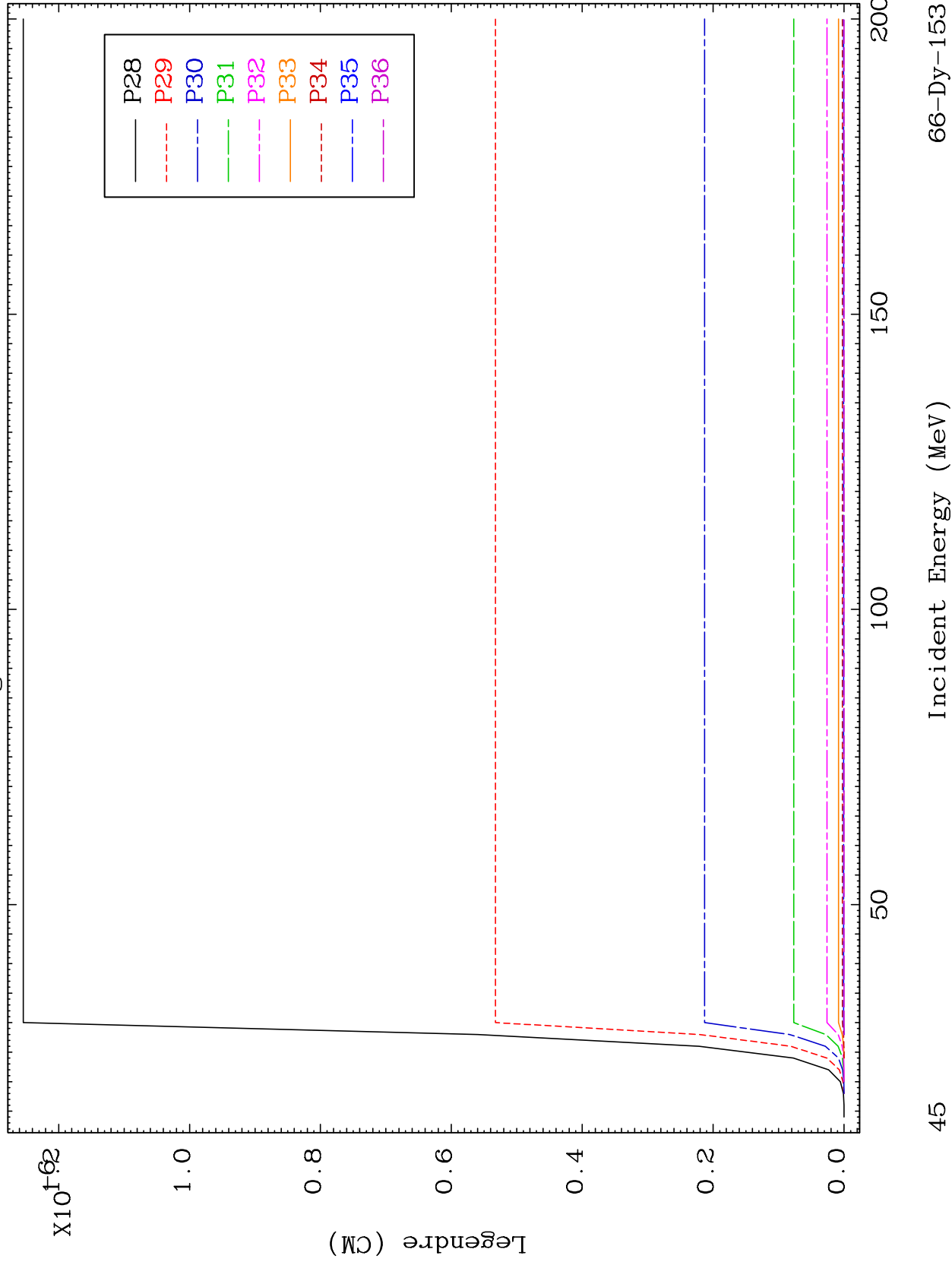
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

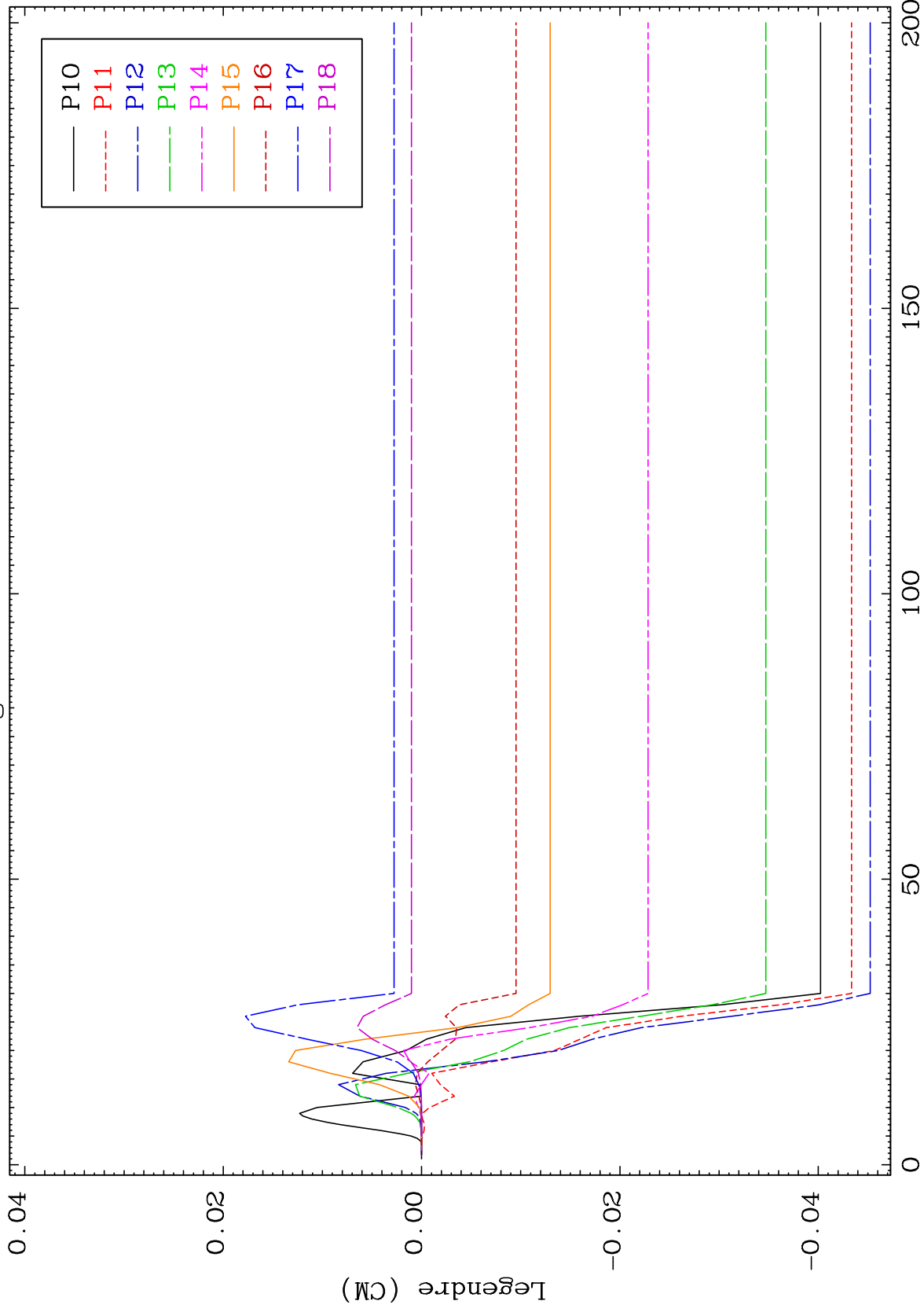
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MAT 6616

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

66-Dy-153



47

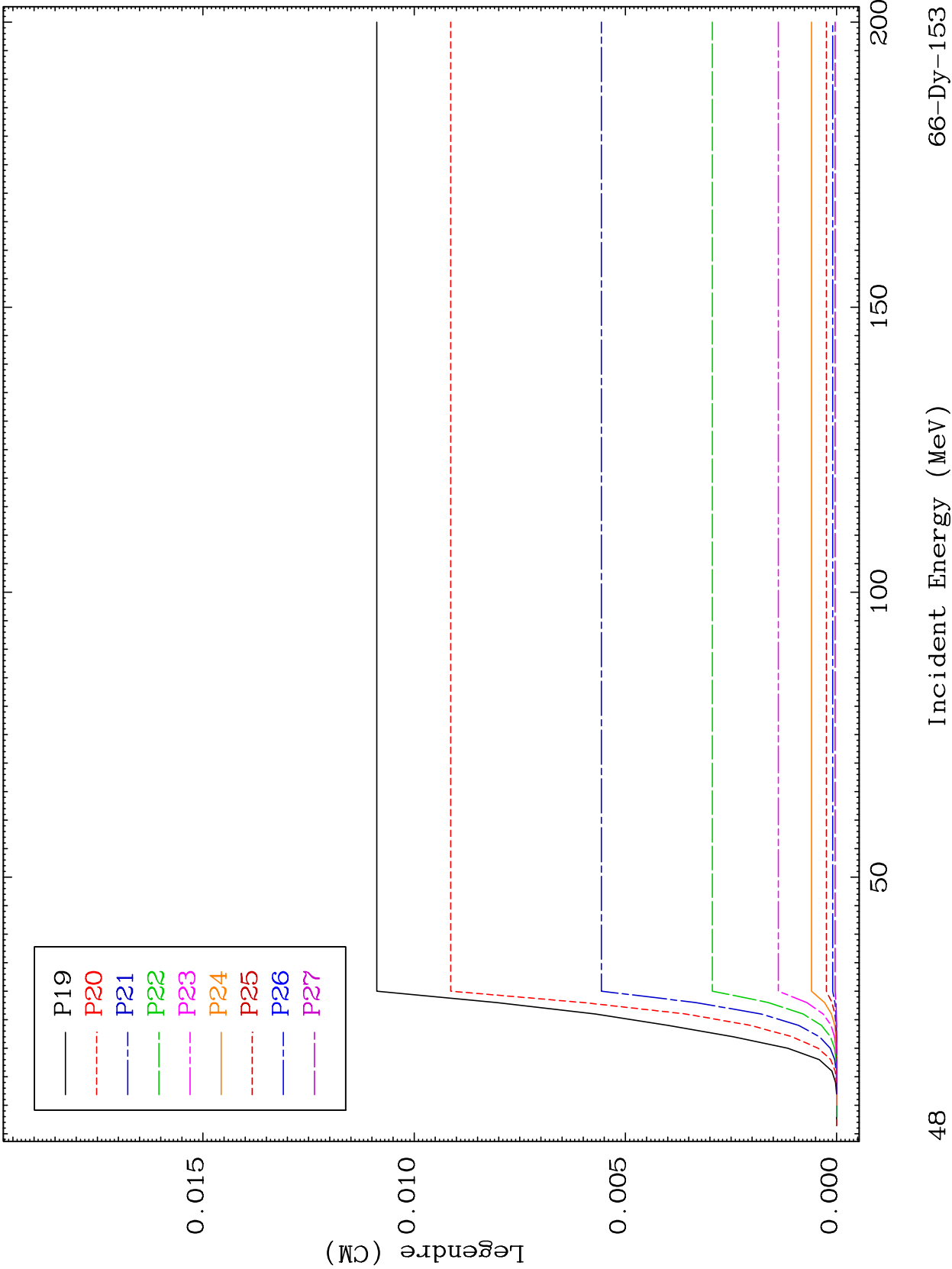
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



48

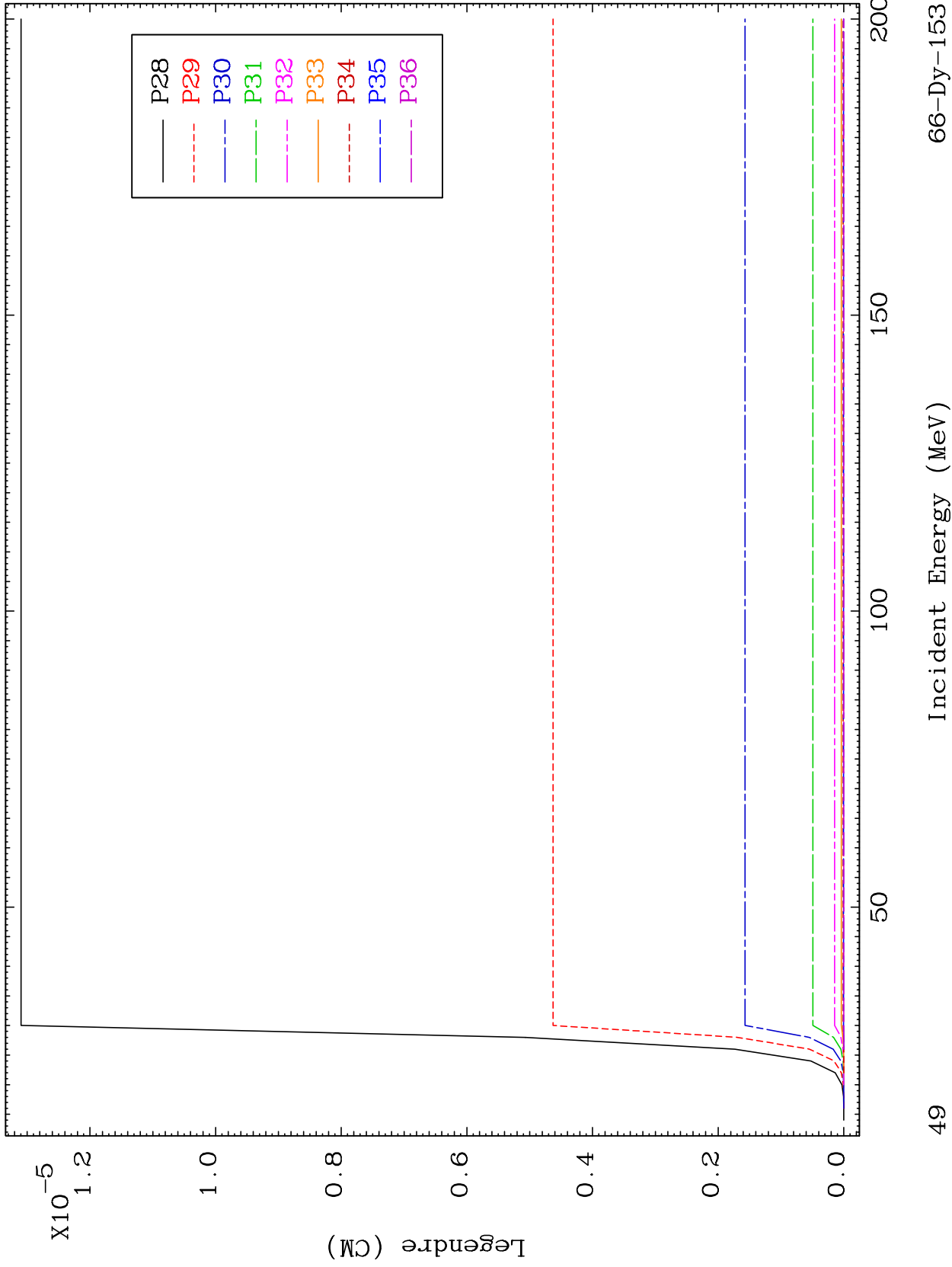
Incident Energy (MeV)

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MAT 6616

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

66-Dy-153



49

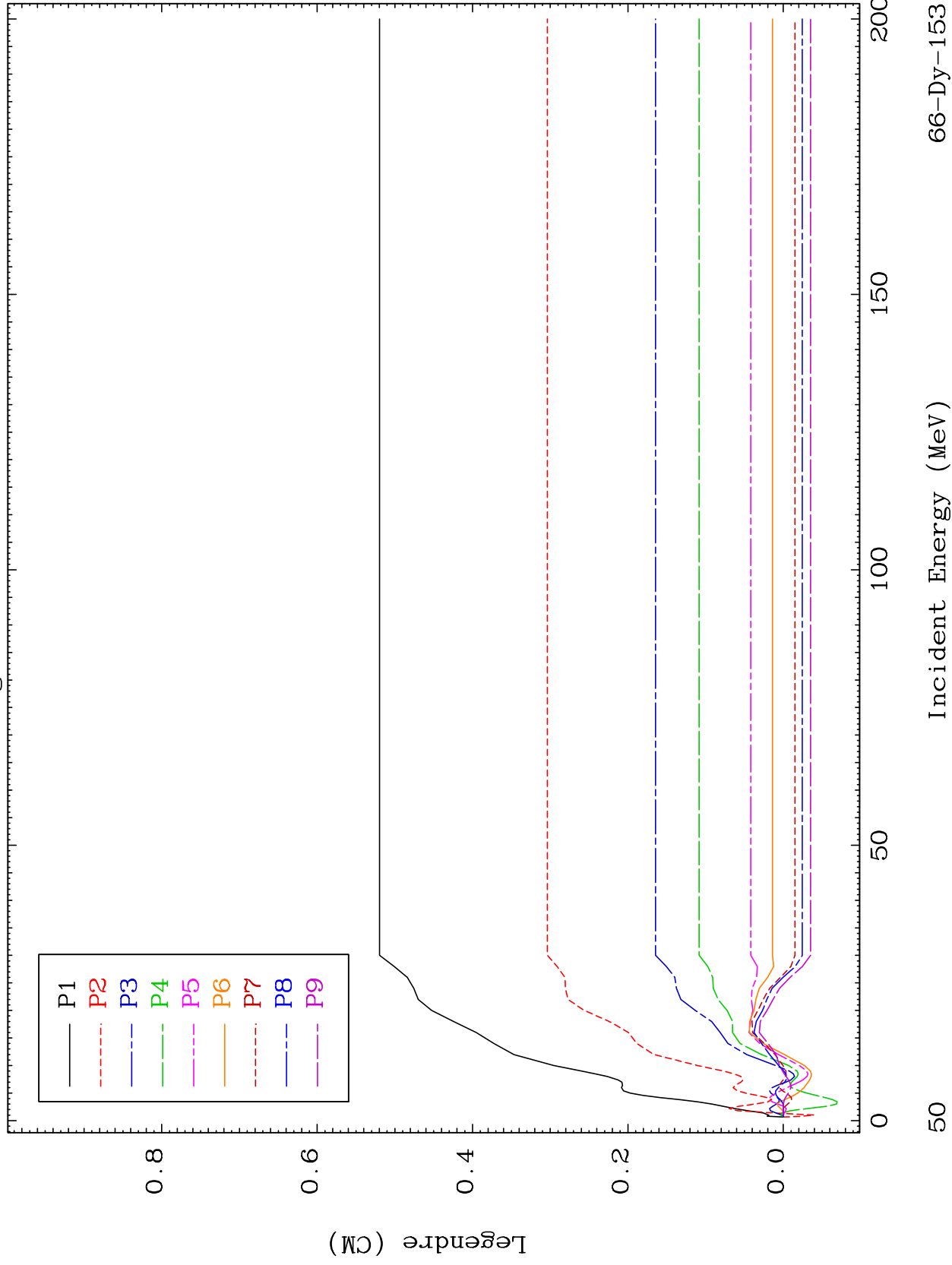
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153

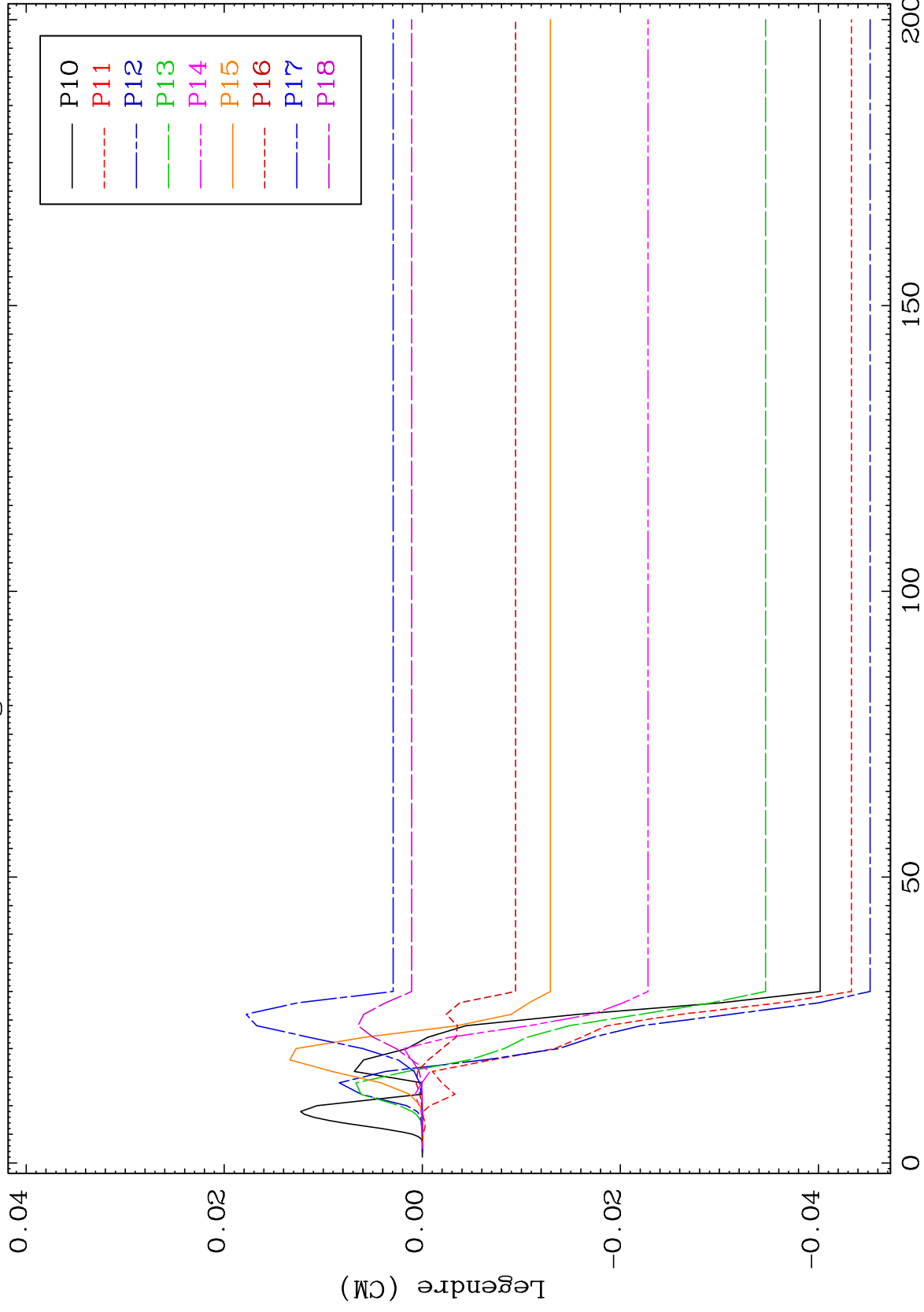


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MAT 6616

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

66-Dy-153



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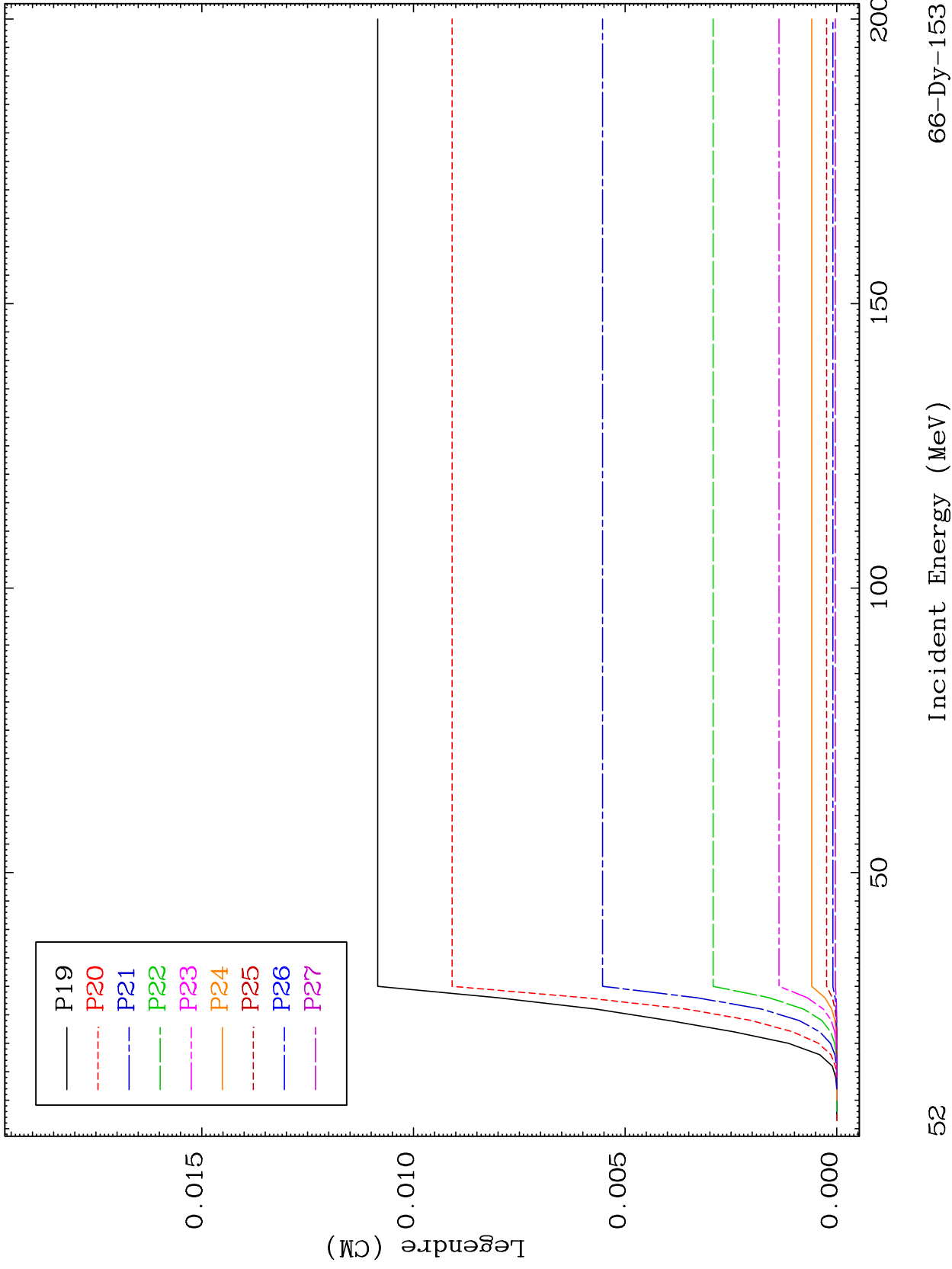
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66-Dy-153

MAT 6616

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

66-Dy-153



52

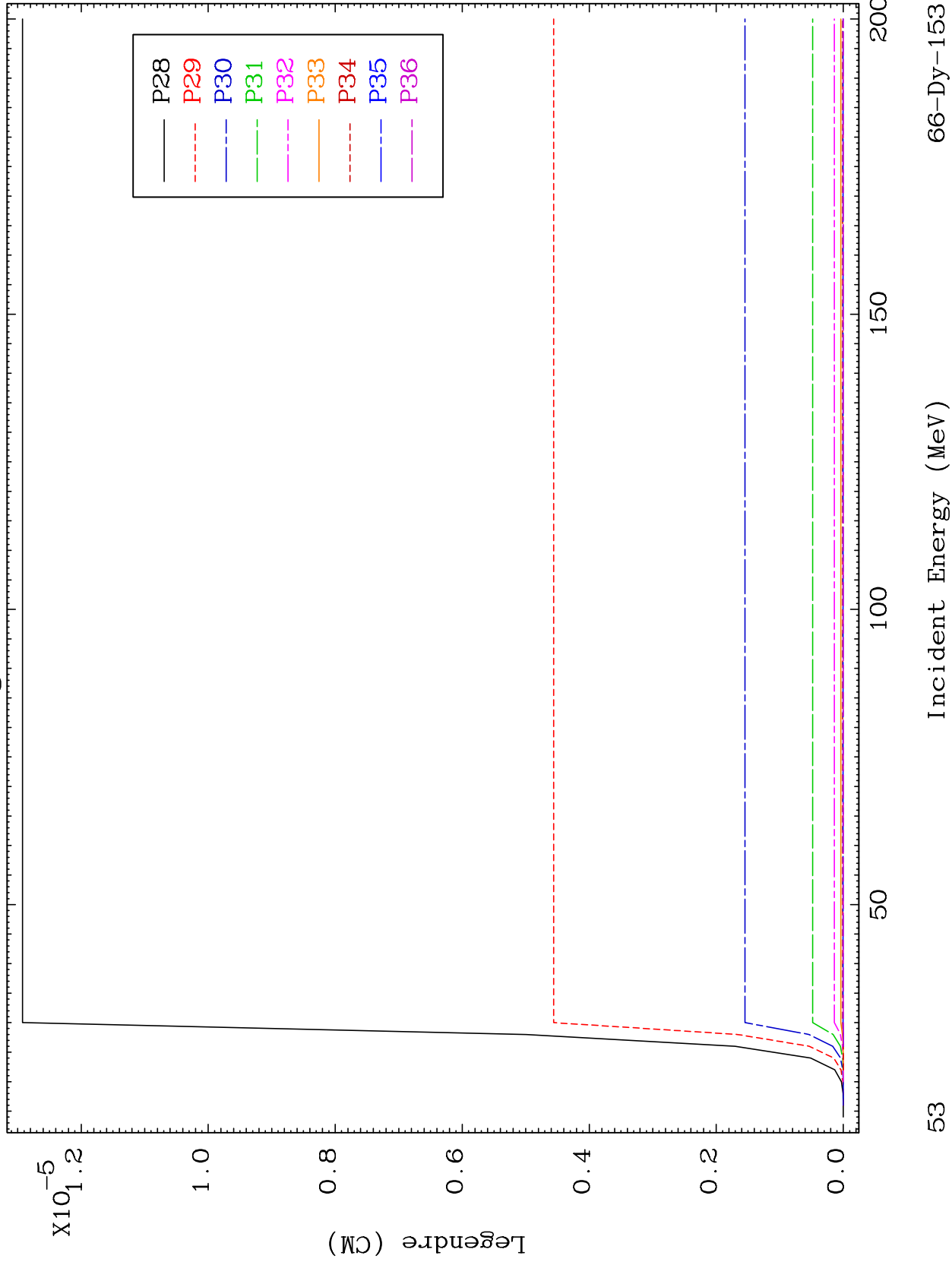
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

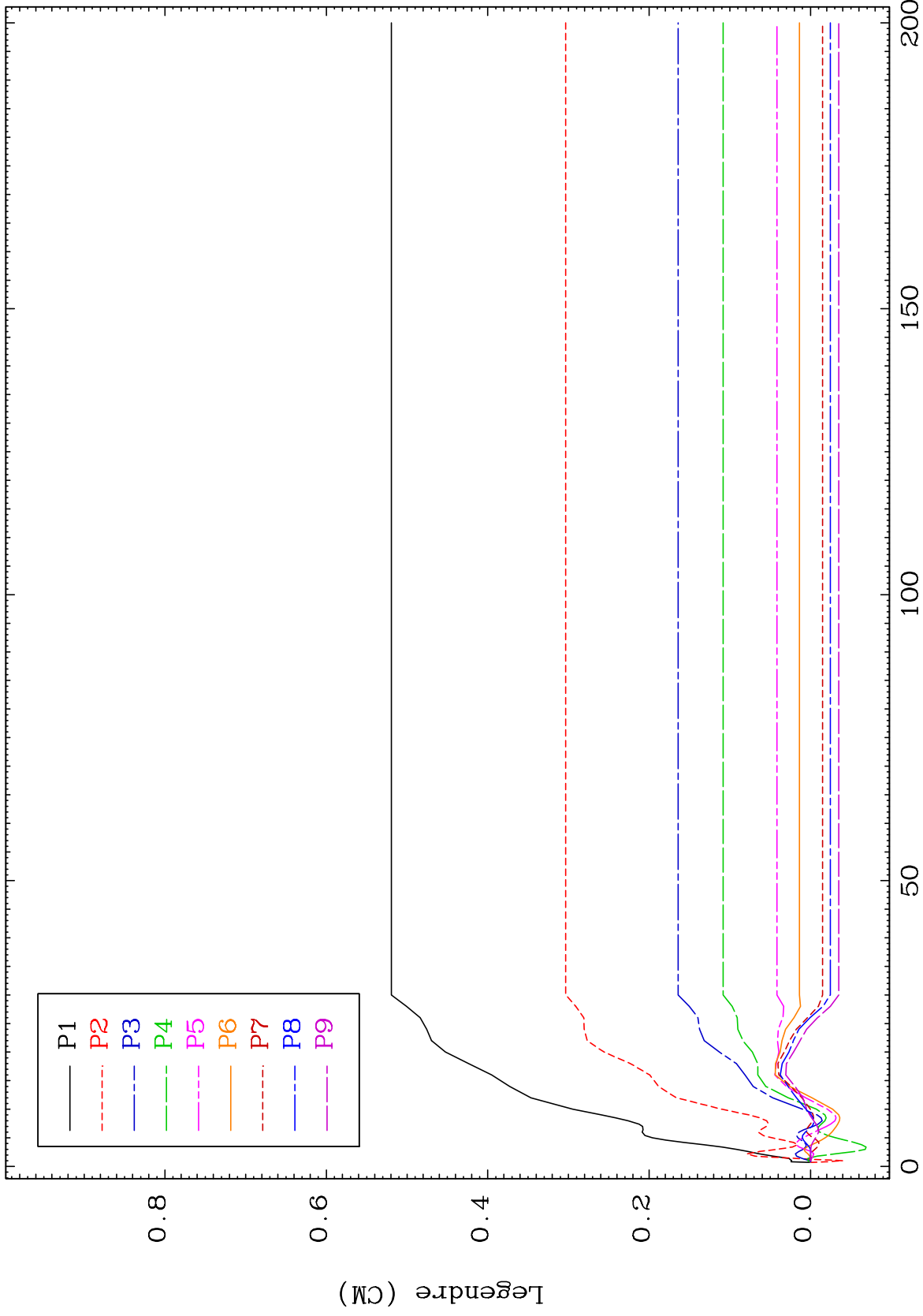
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MAT 6616

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

66-Dy-153



54

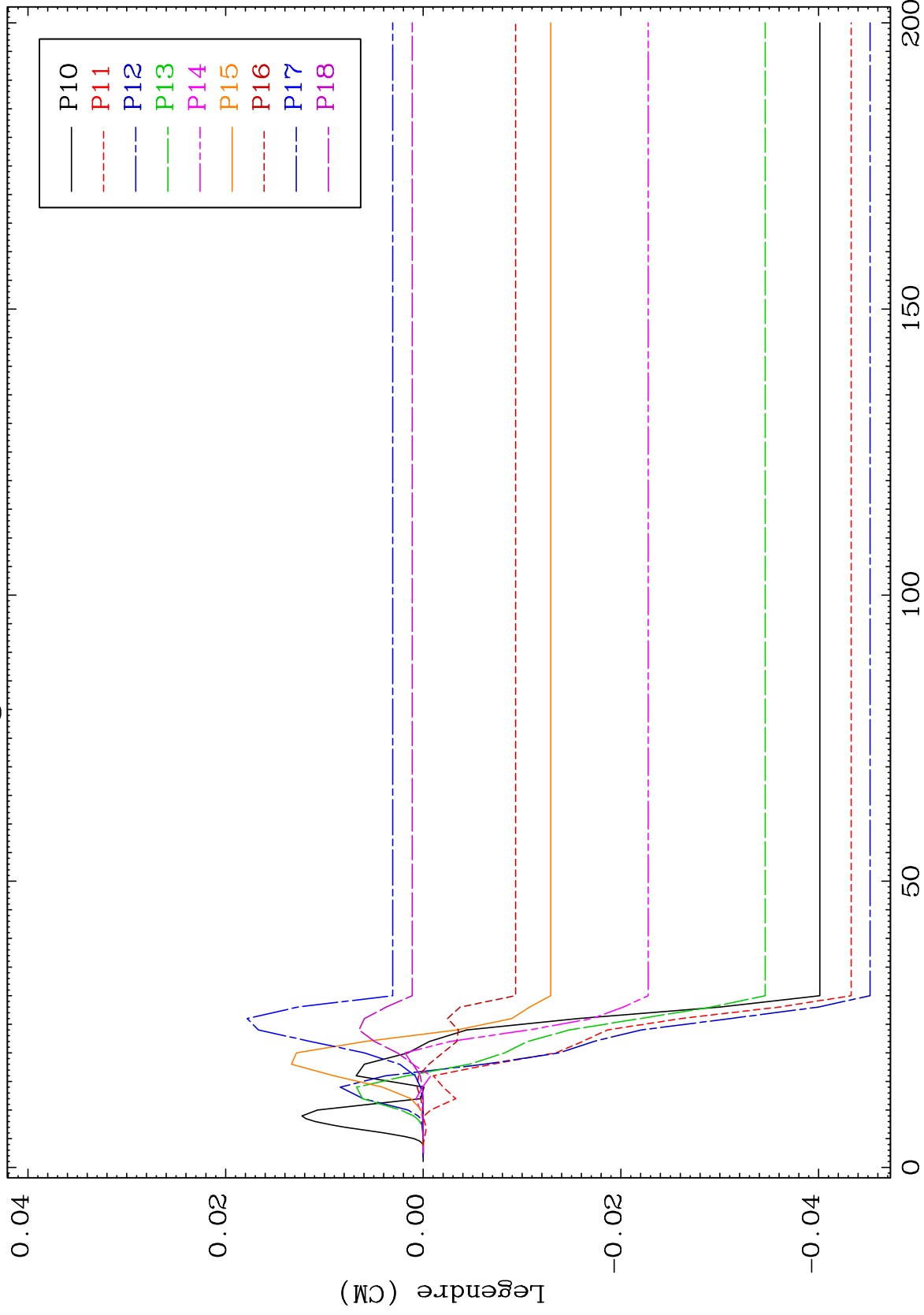
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

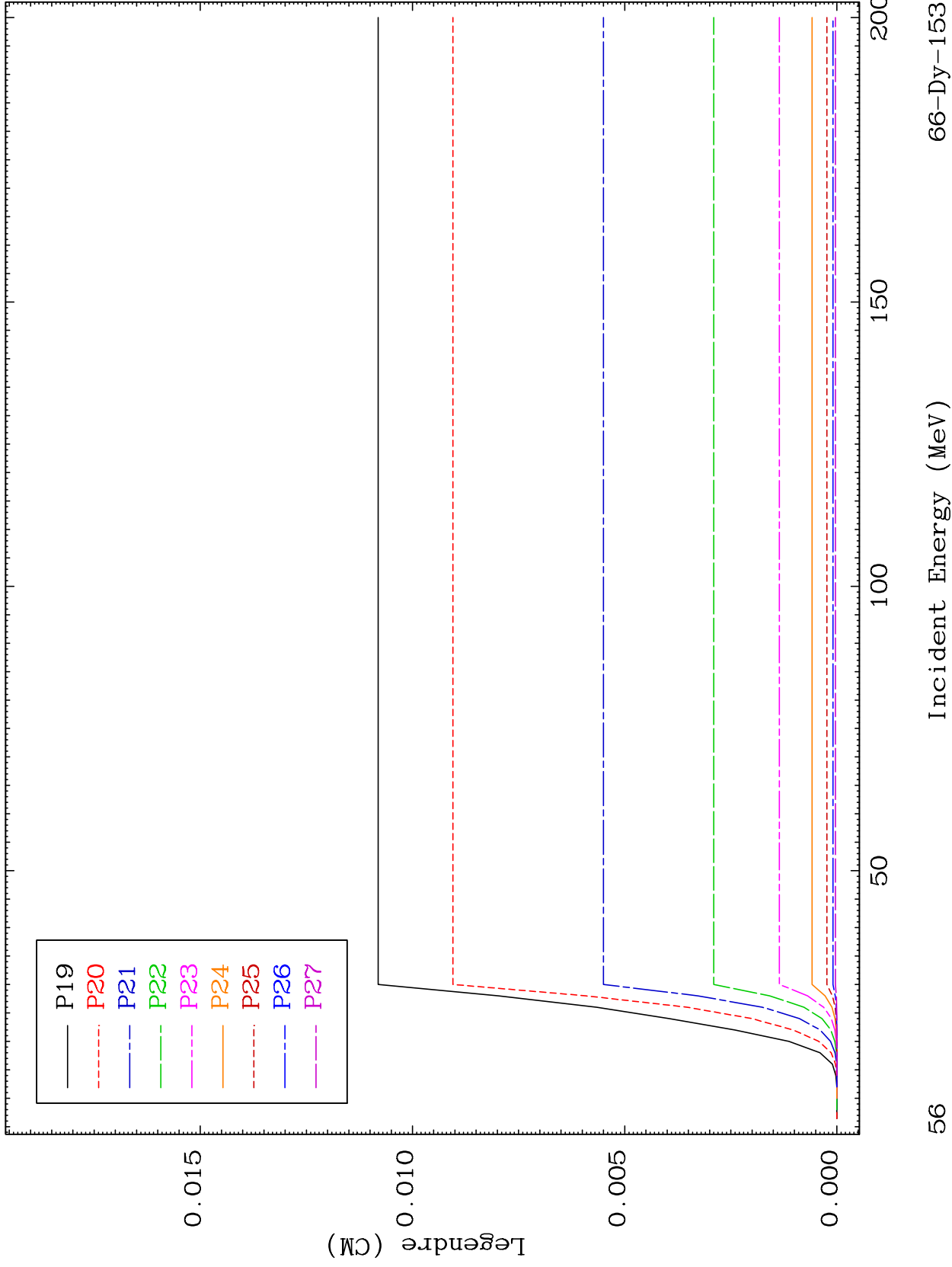
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55

Incident Energy (MeV)

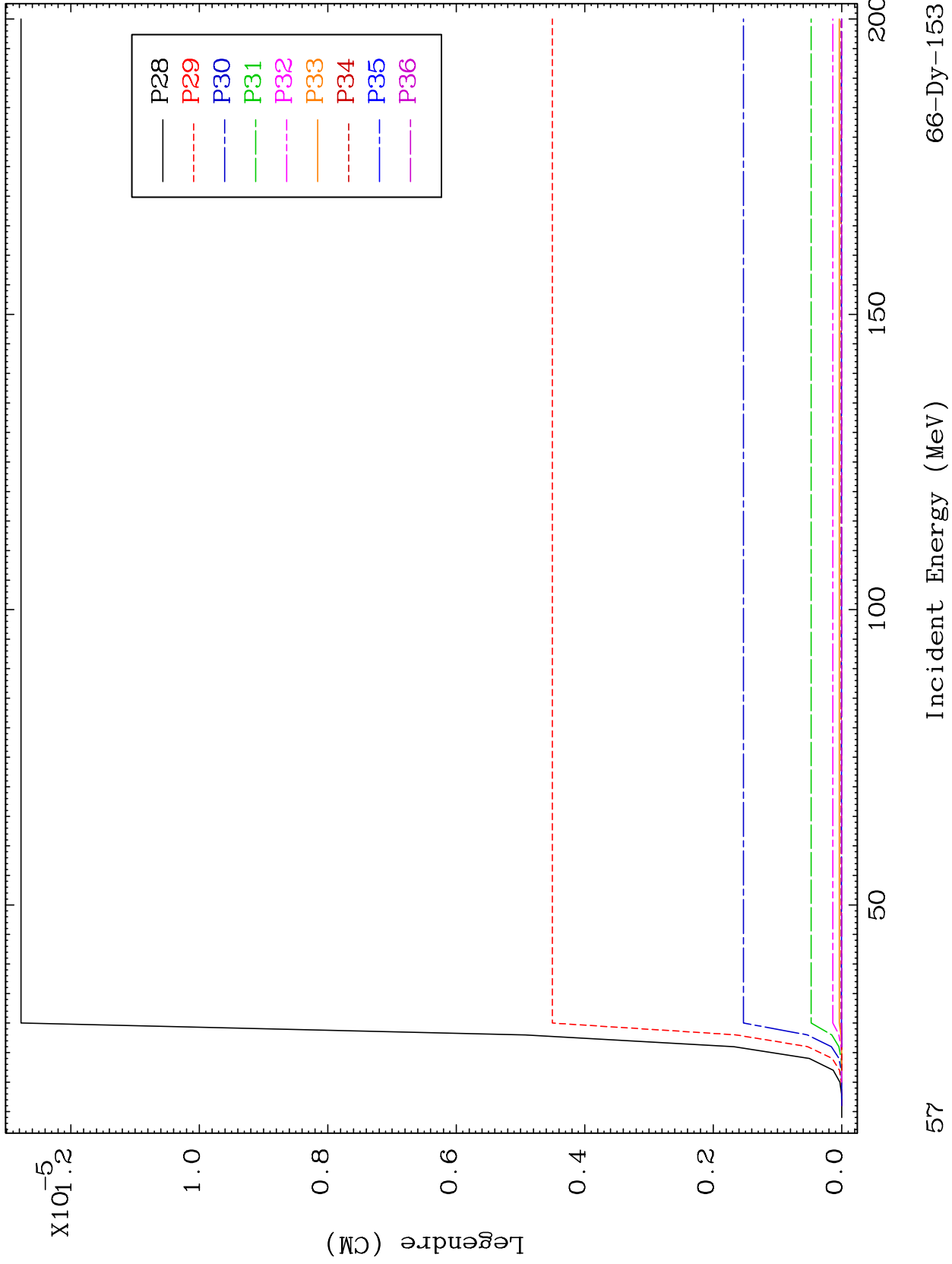
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MAT 6616

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

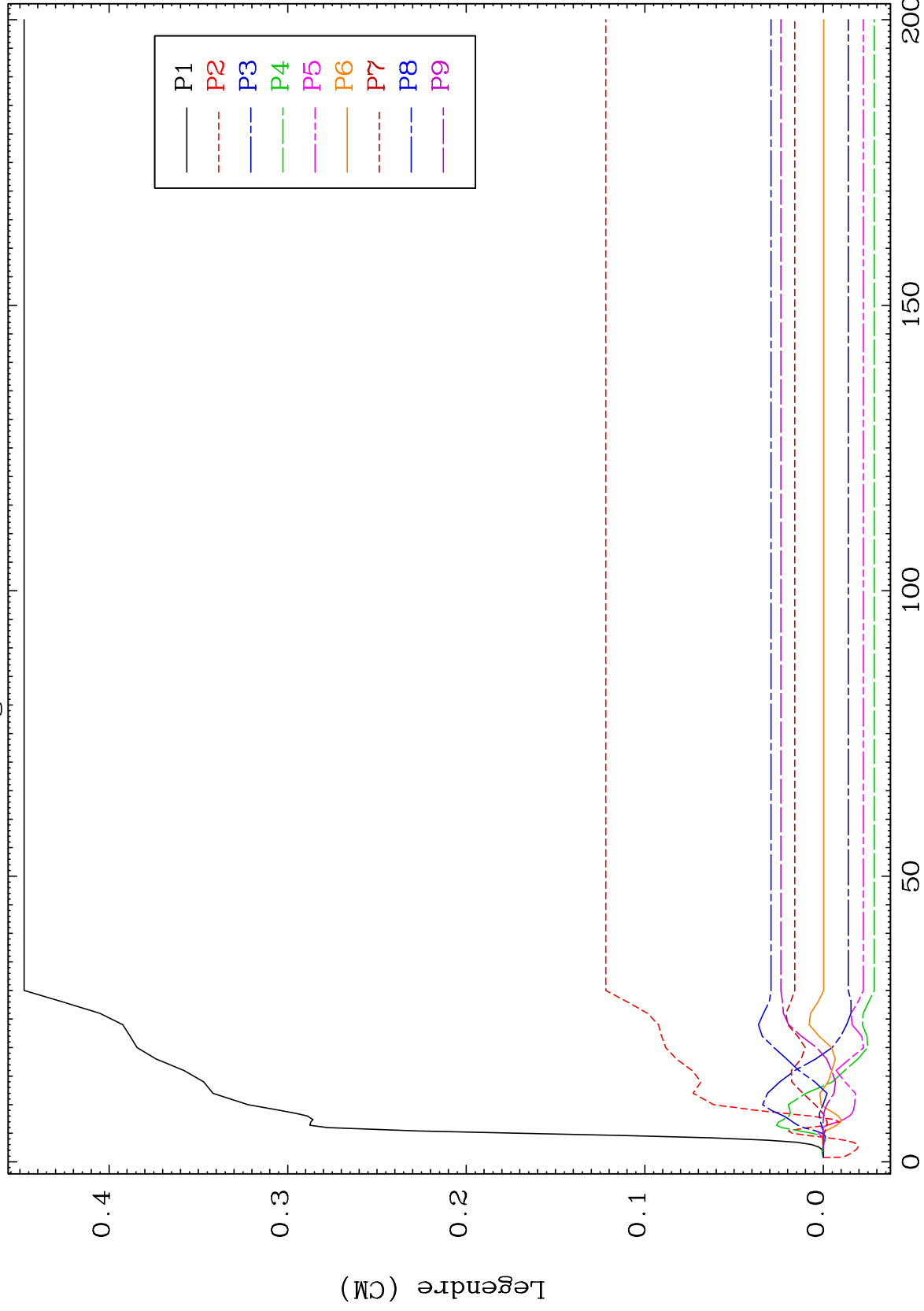
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MAT 6616

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

66-Dy-153



58

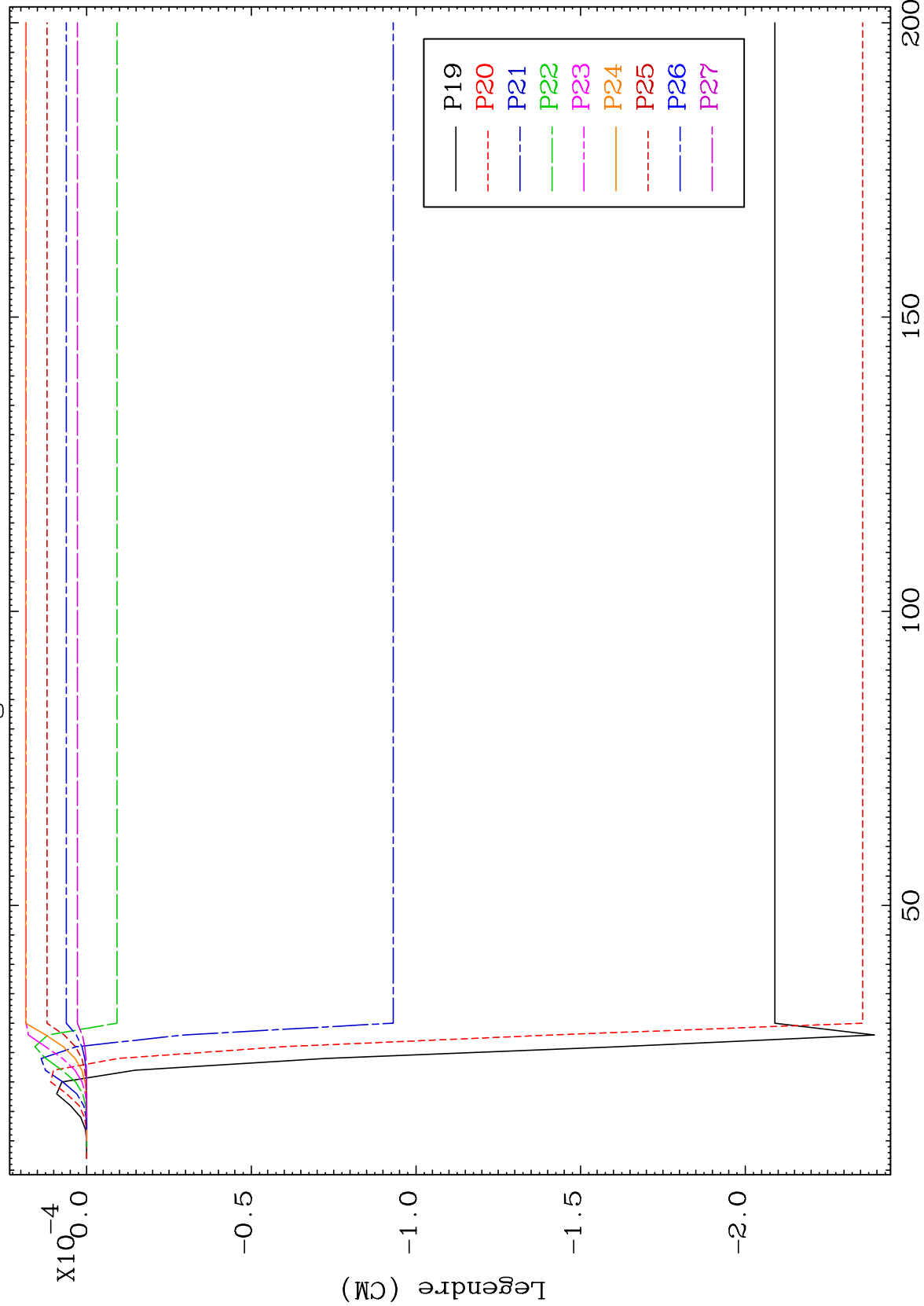
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



60

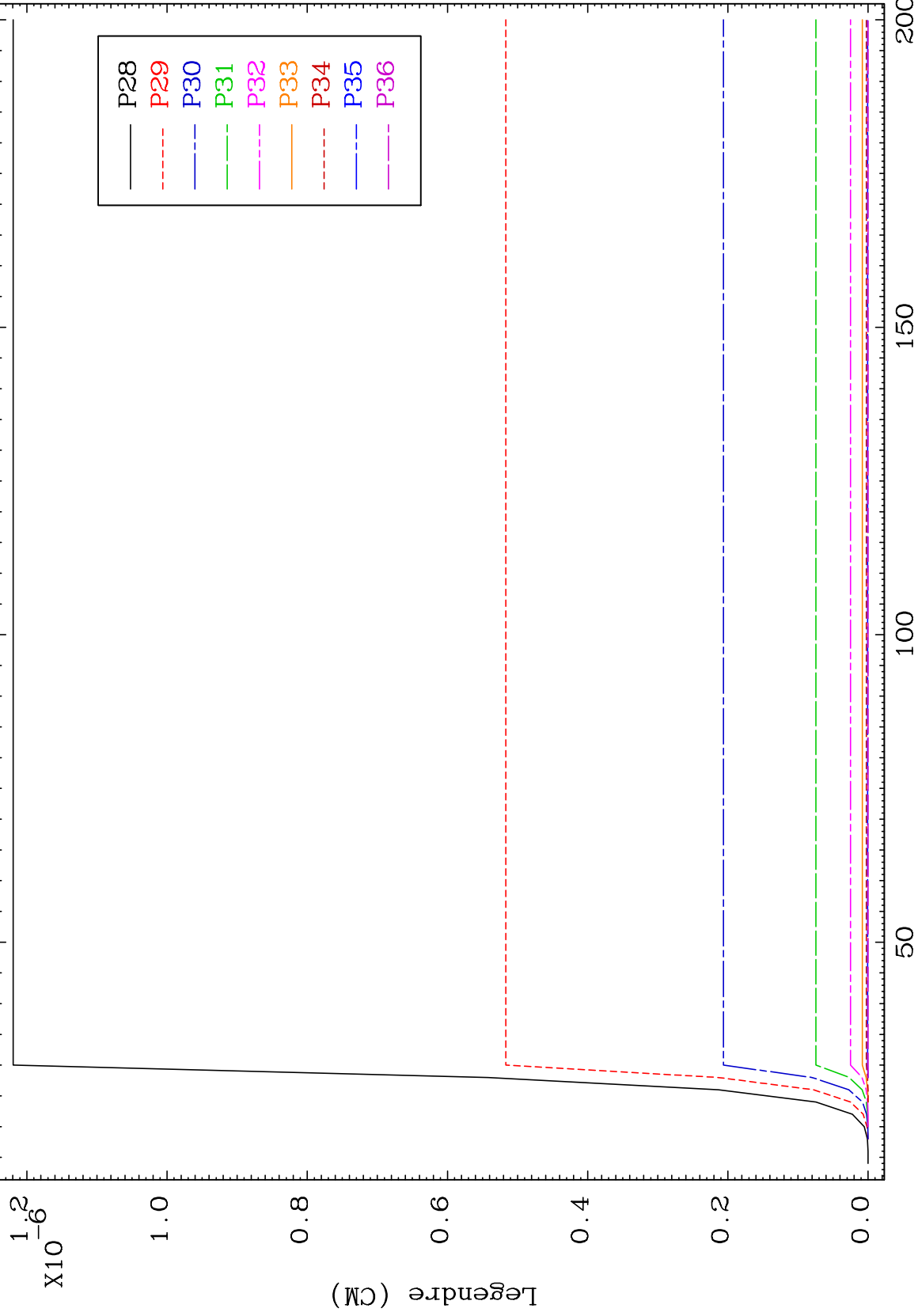
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



61

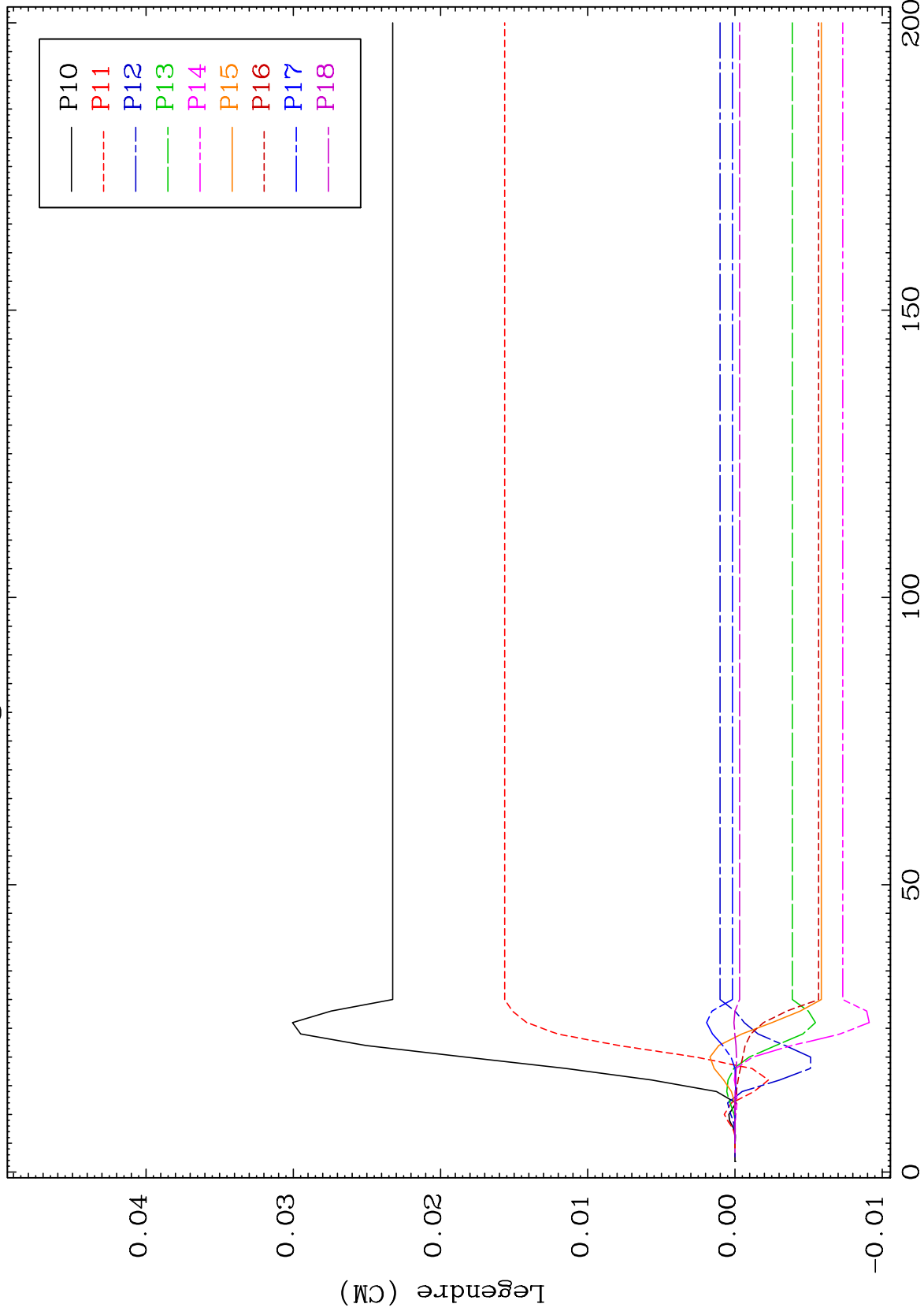
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



63

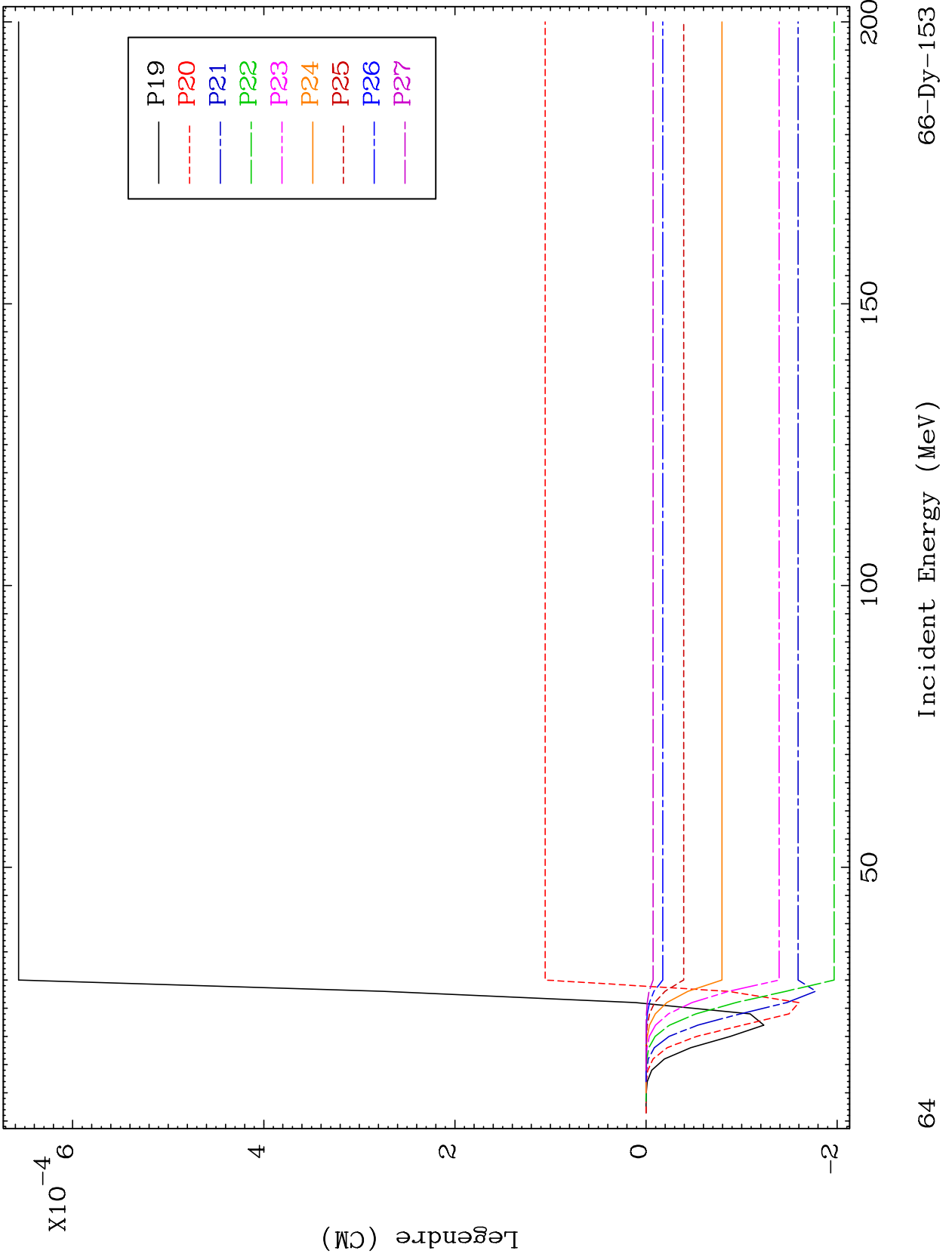
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

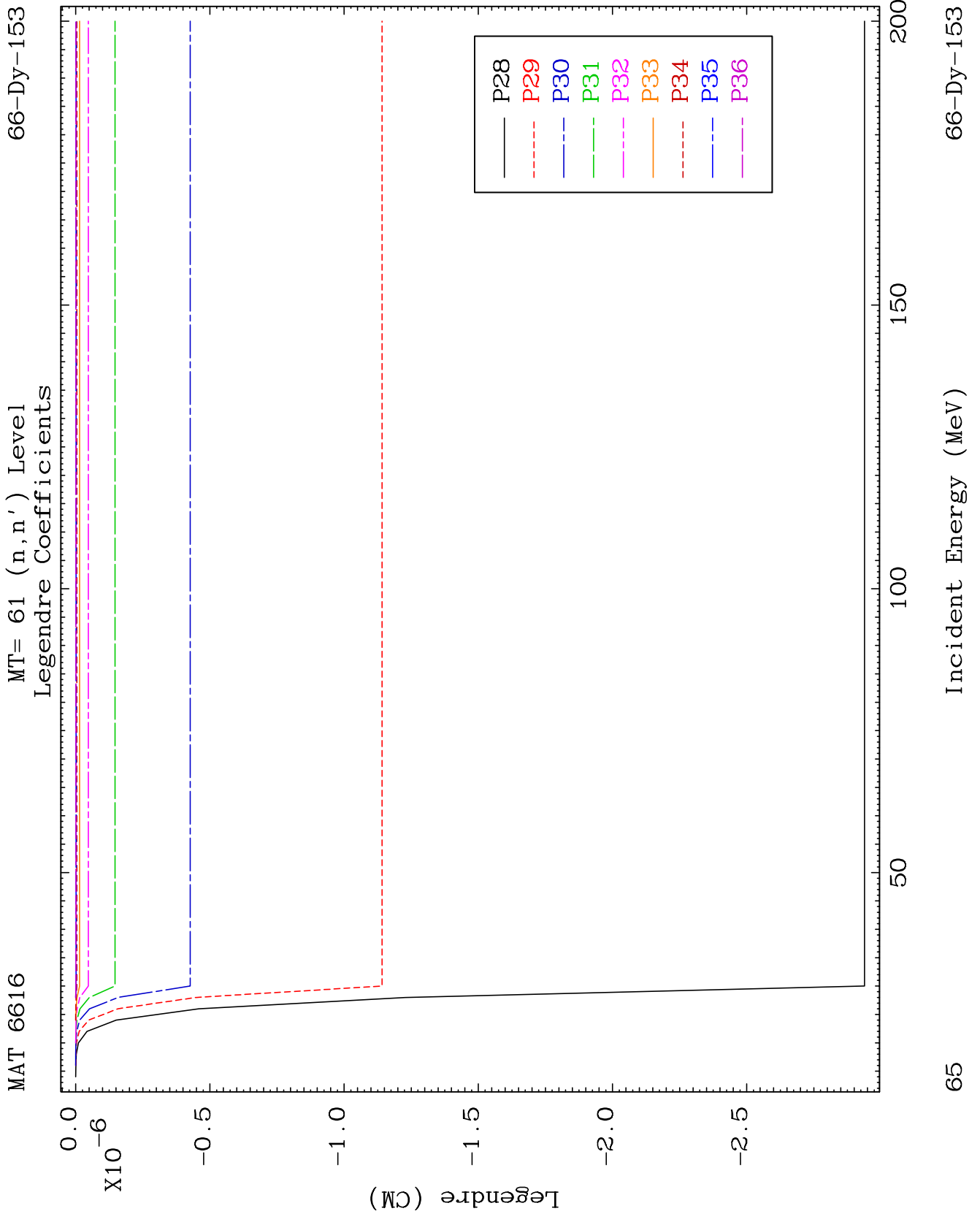
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64

Incident Energy (MeV)

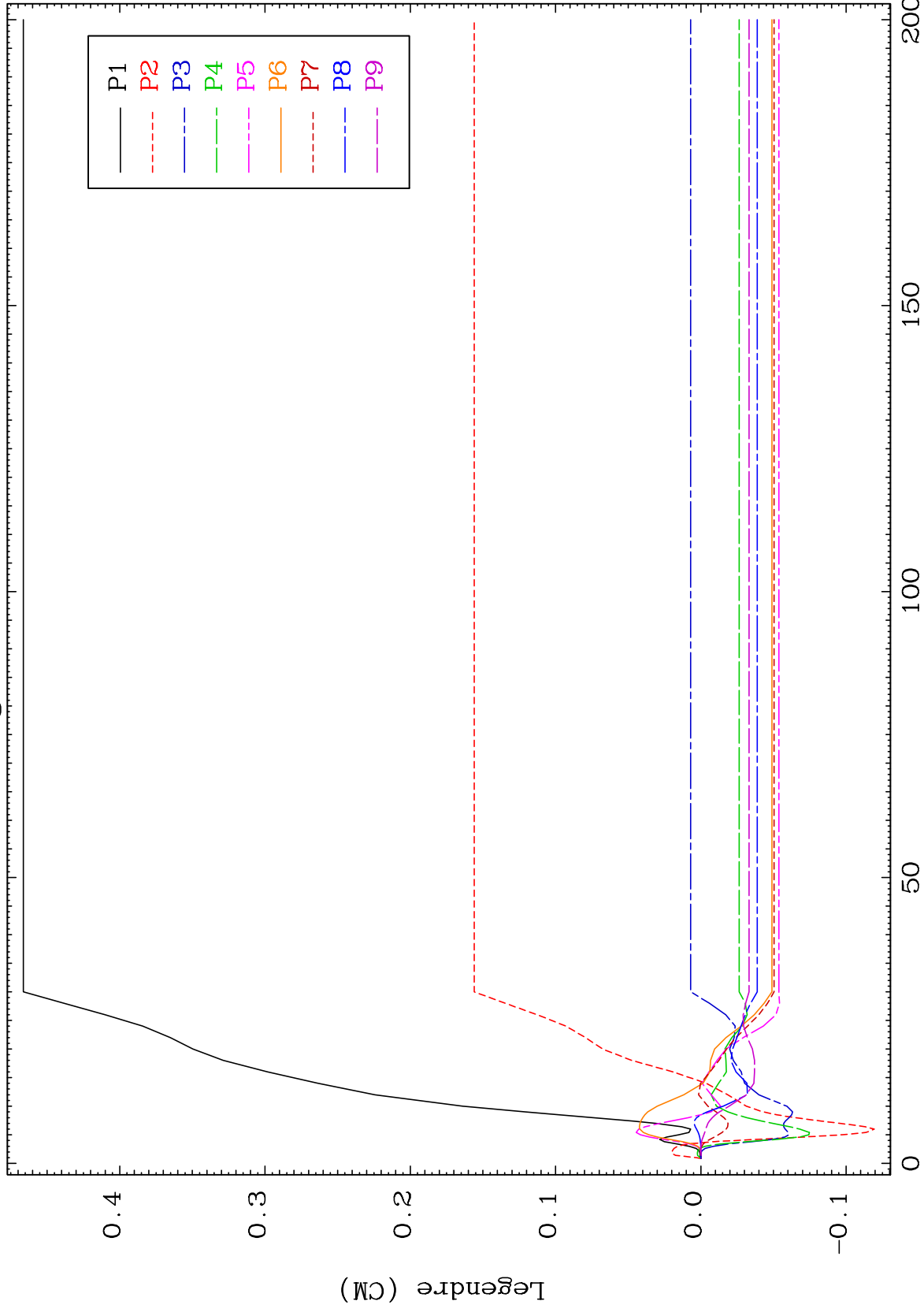
66-Dy-153



MAT 6616

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

66-Dy-153



66-Dy-153

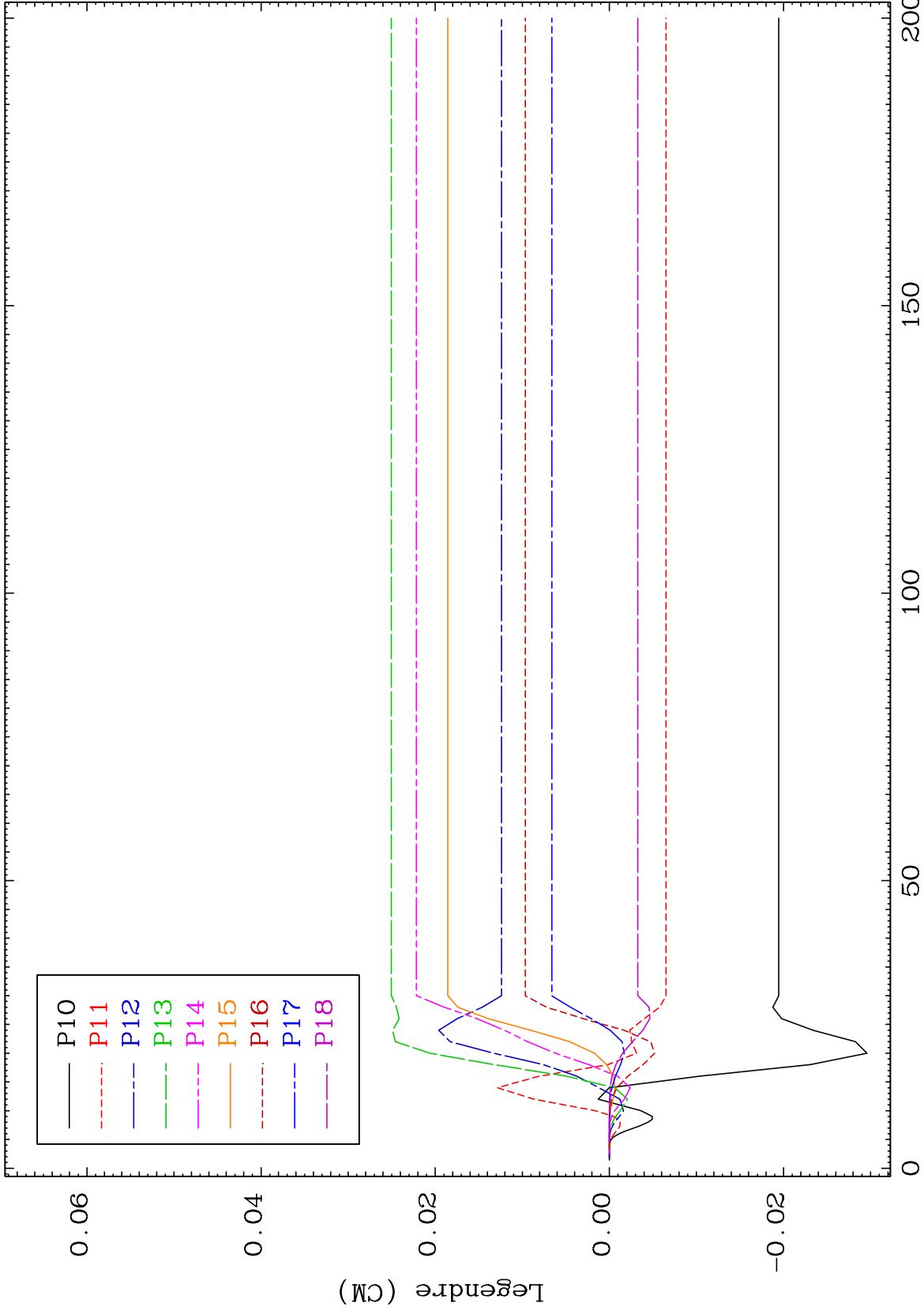
Incident Energy (MeV)

66

MAT 6616

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

66-Dy-153



67

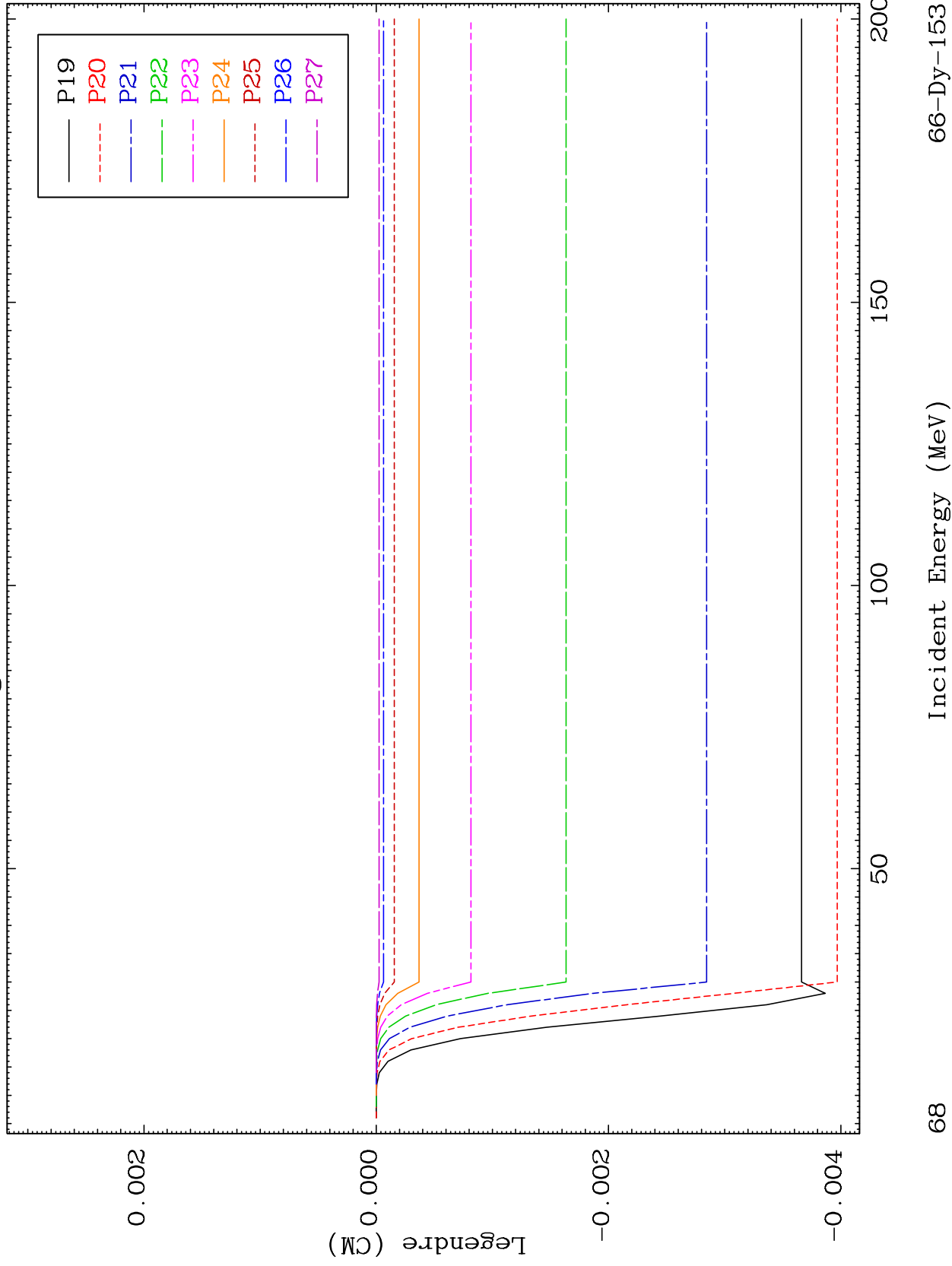
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

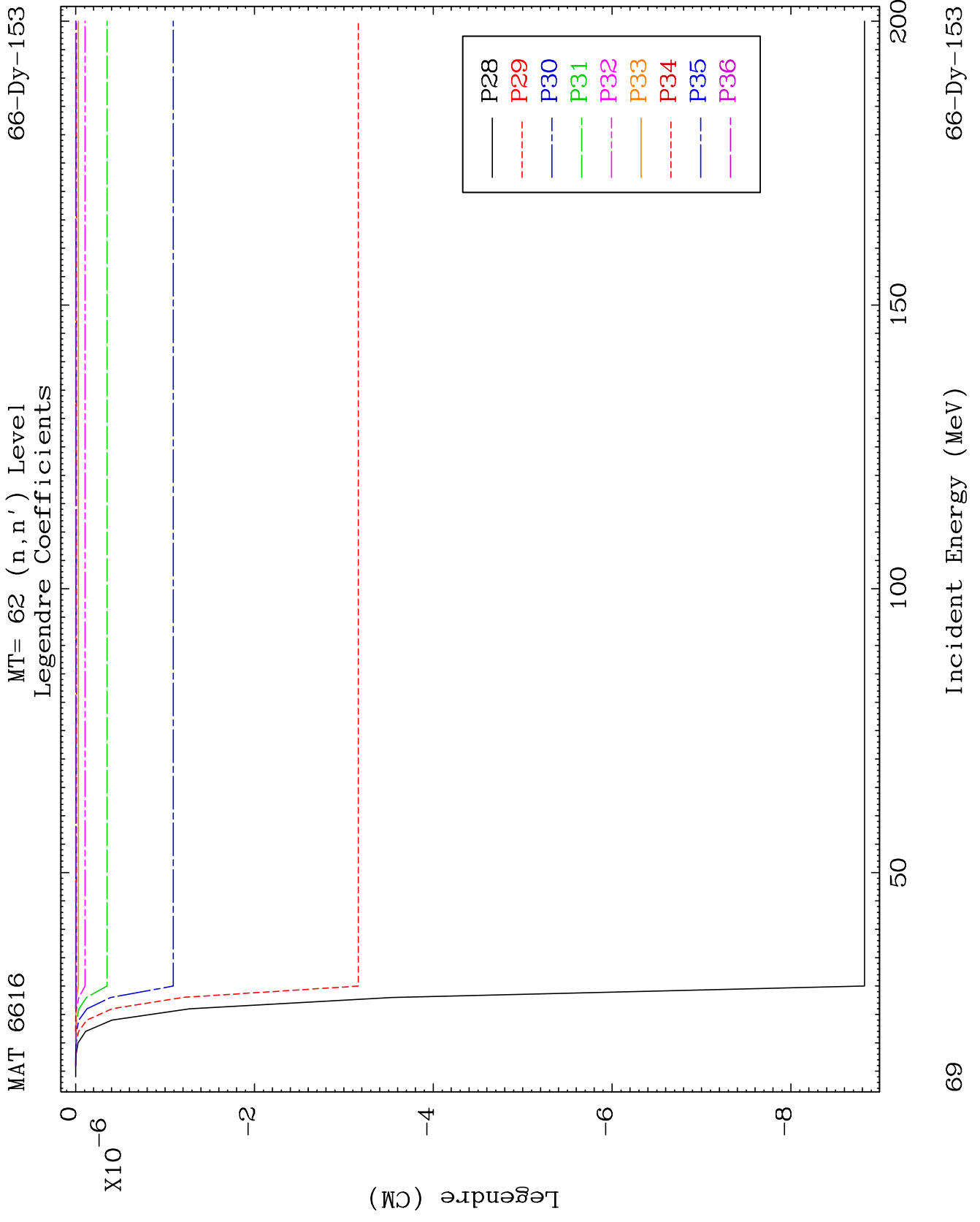
66-Dy-153



68

Incident Energy (MeV)

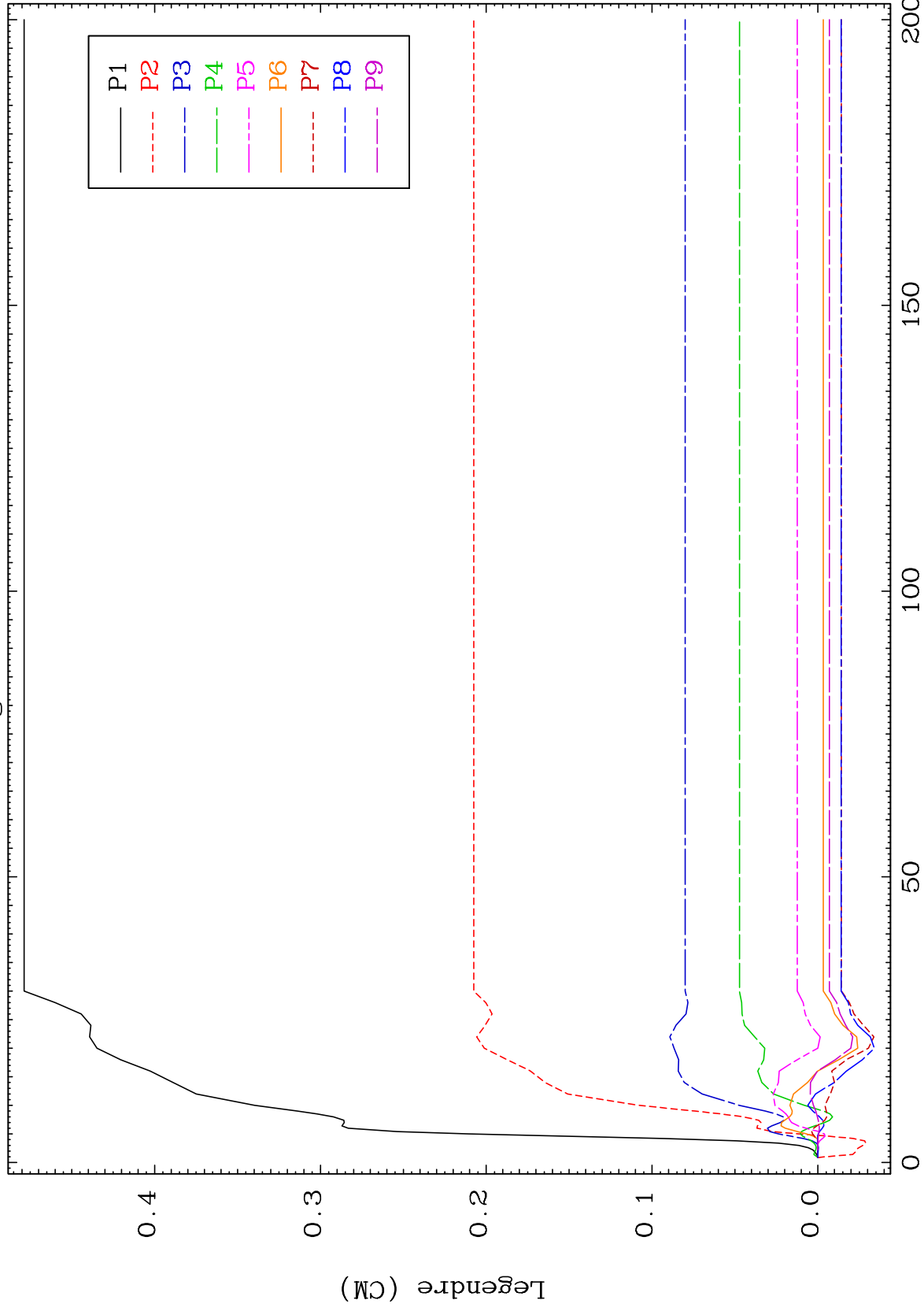
66-Dy-153



MAT 6616

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

66-Dy-153



66-Dy-153

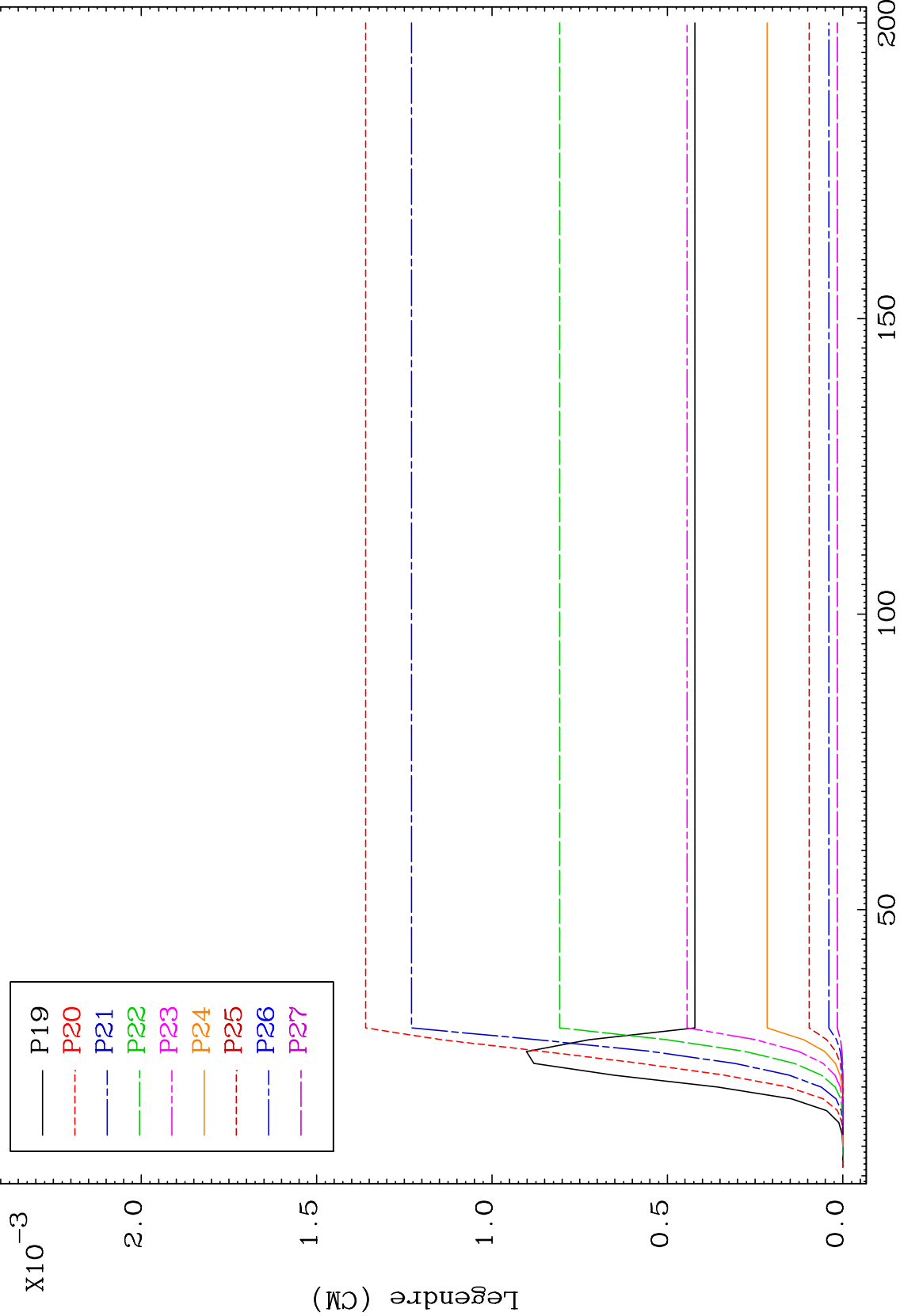
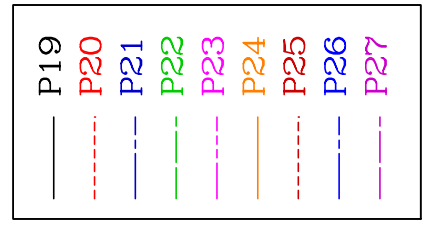
Incident Energy (MeV)

70

MAT 6616

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

66-Dy-153



72

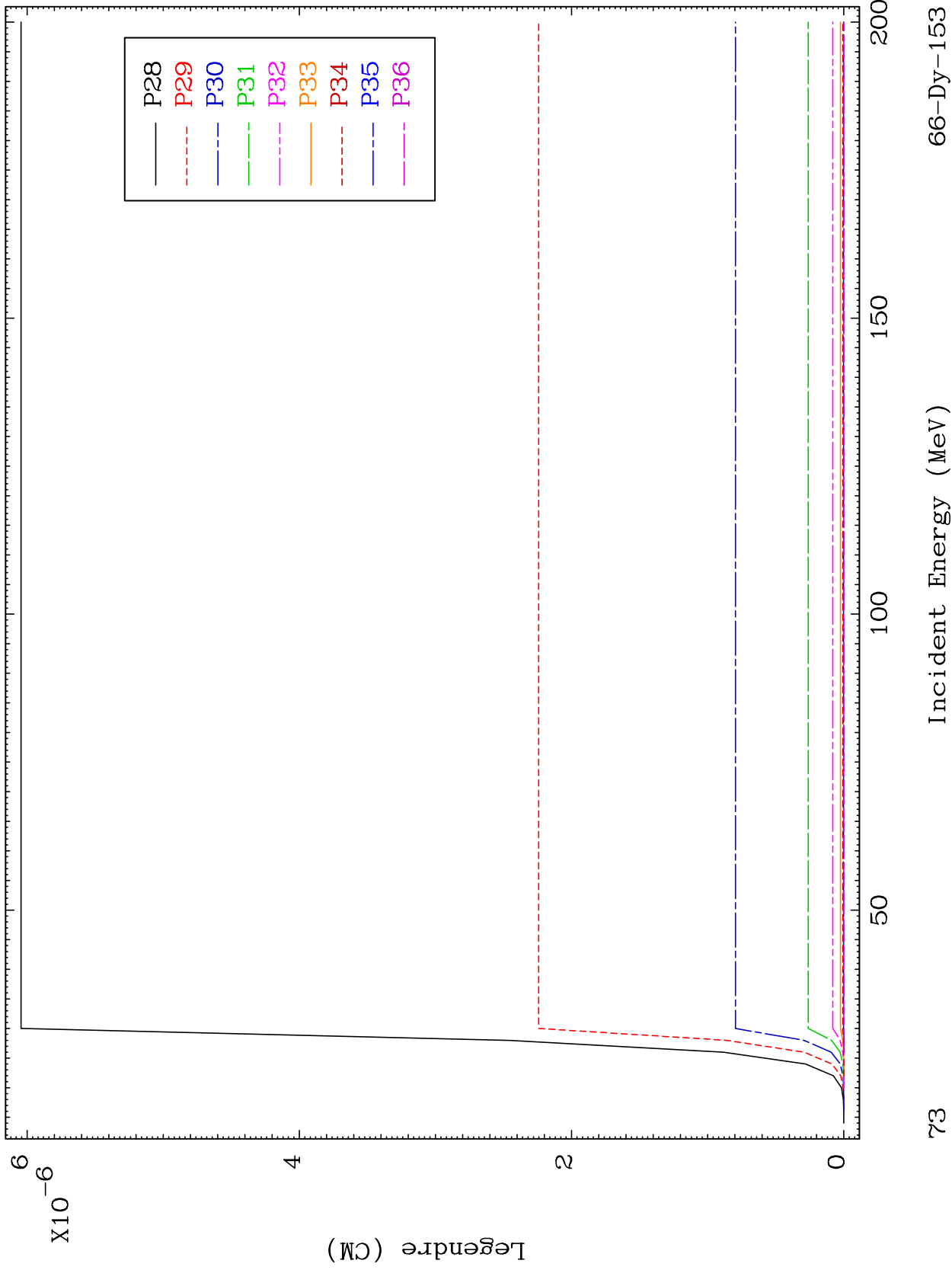
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



73

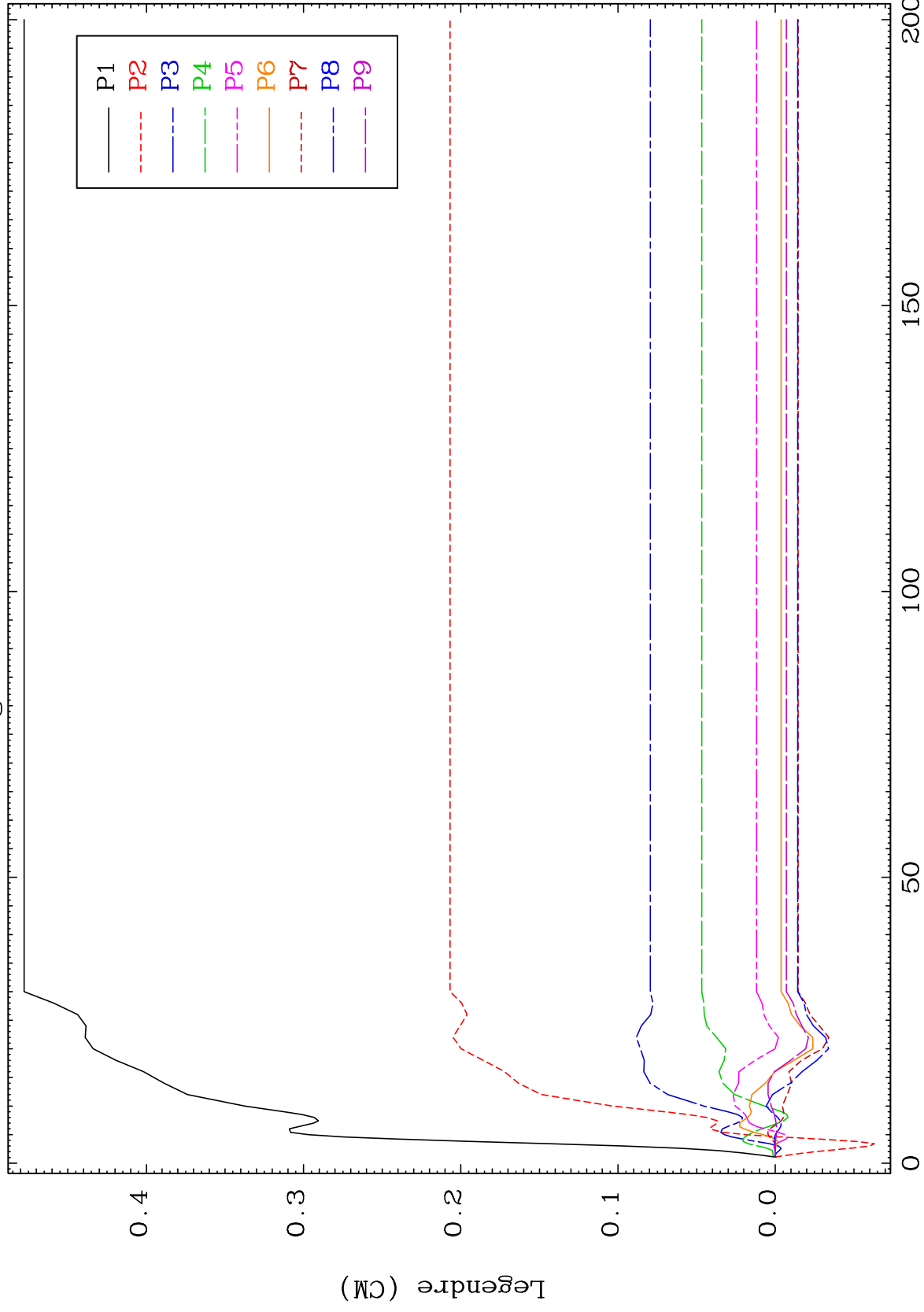
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

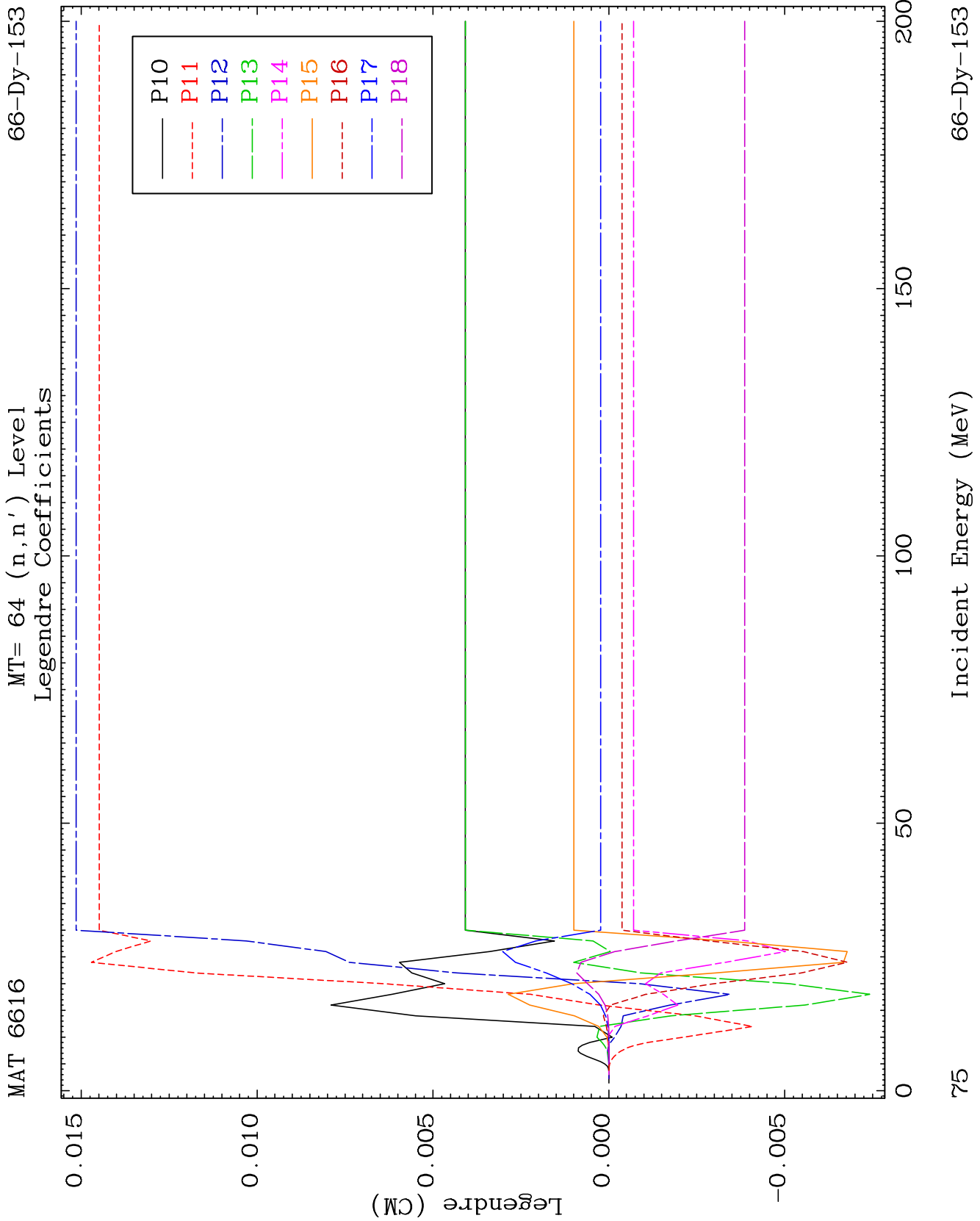
66-Dy-153



74

Incident Energy (MeV)

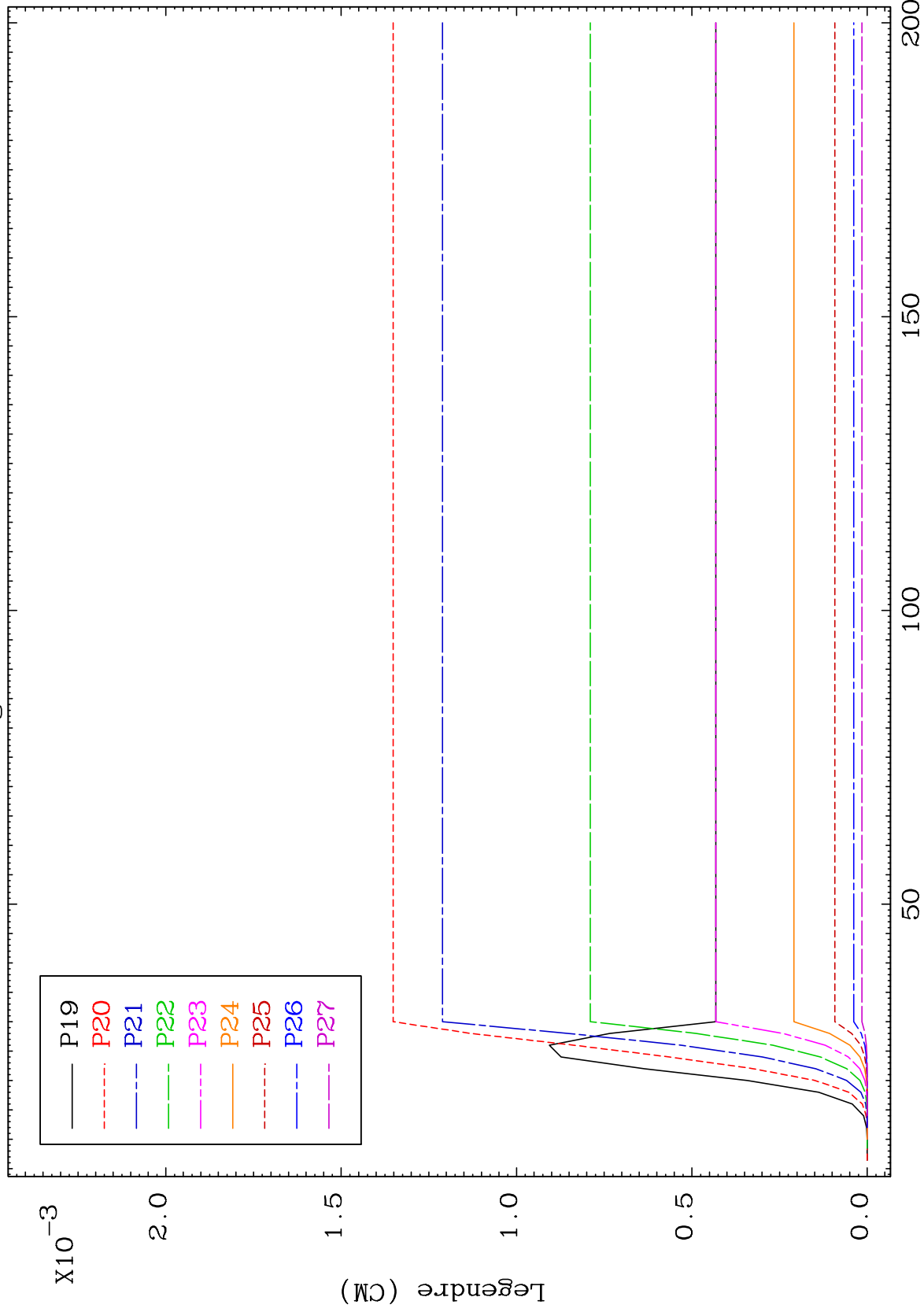
66-Dy-153



MAT 6616

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

66-Dy-153



76

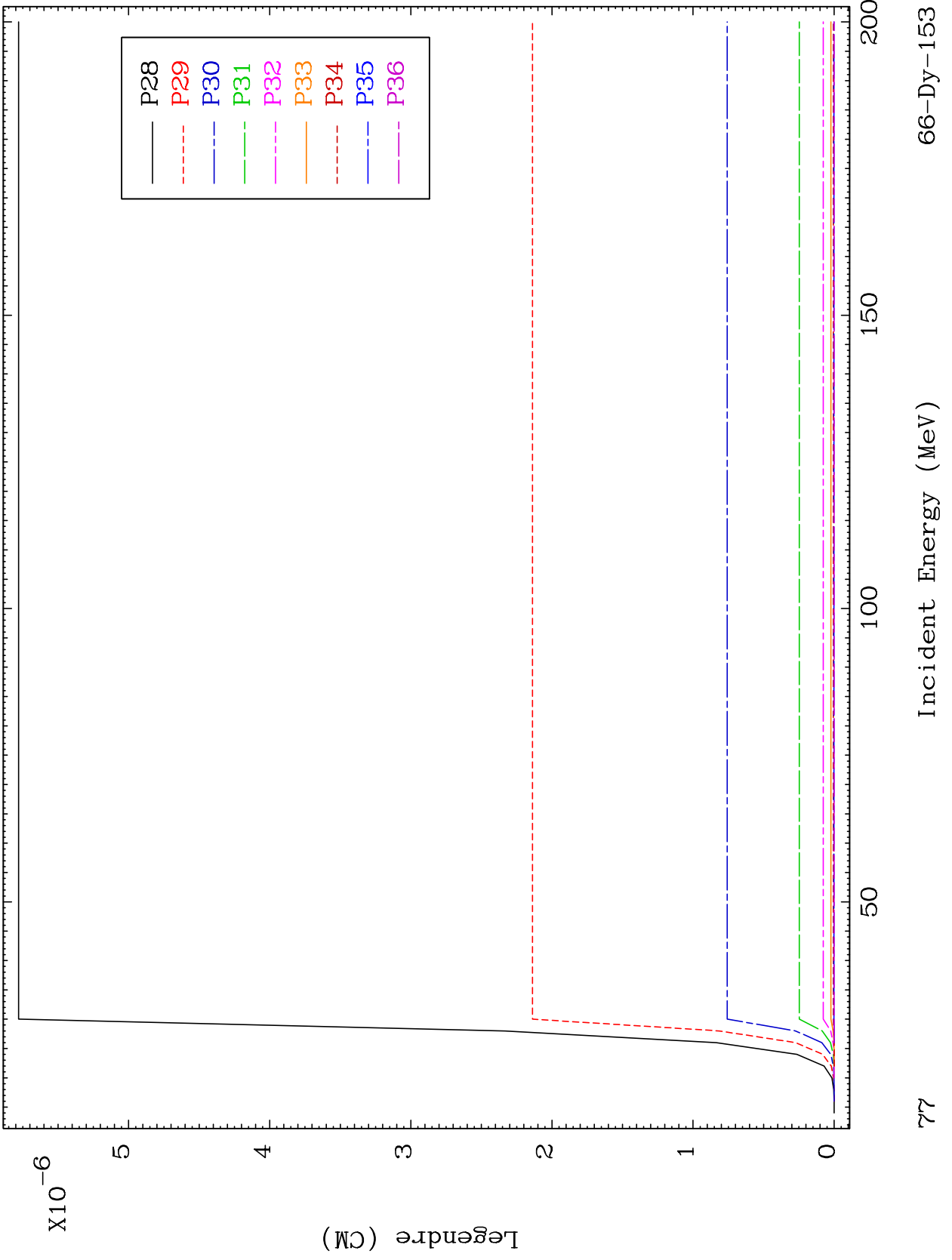
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153

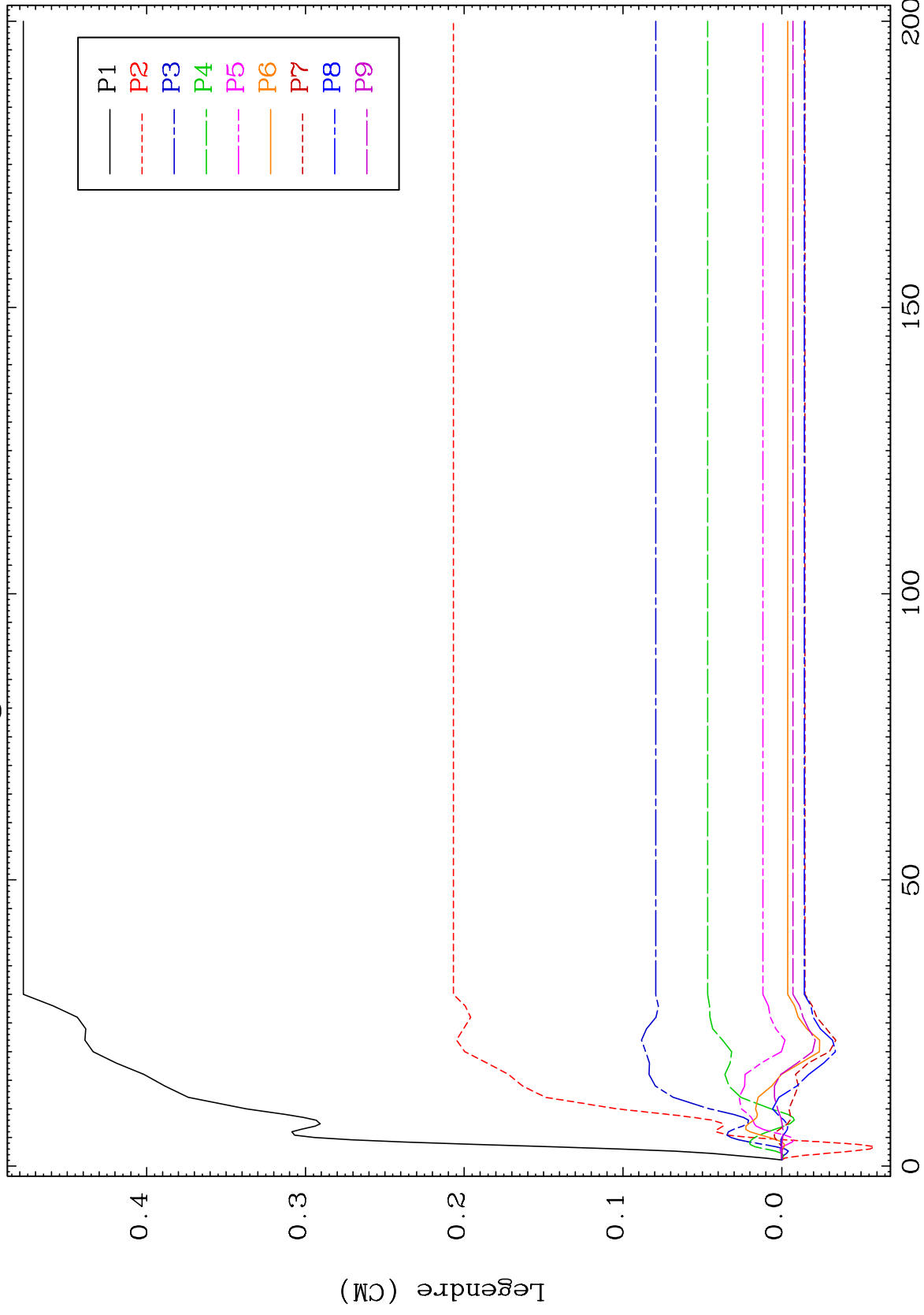


77

MAT 6616

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

66-Dy-153



66-Dy-153

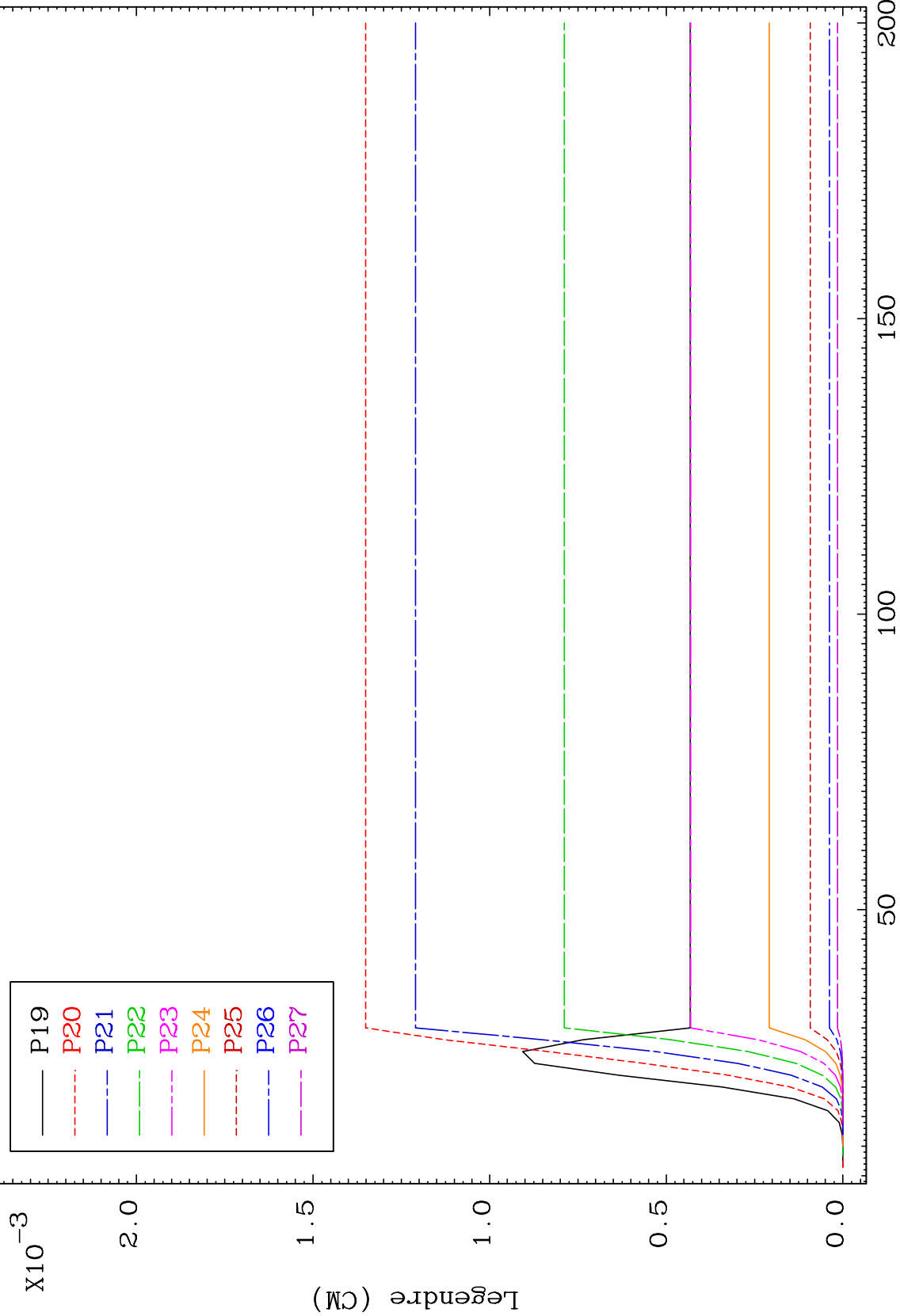
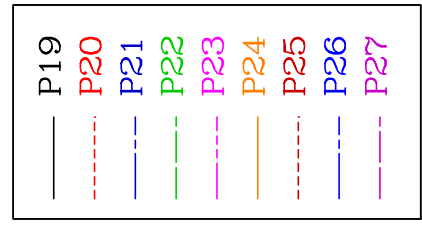
Incident Energy (MeV)

78

MAT 6616

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

66-Dy-153



80

Incident Energy (MeV)

50

100

150

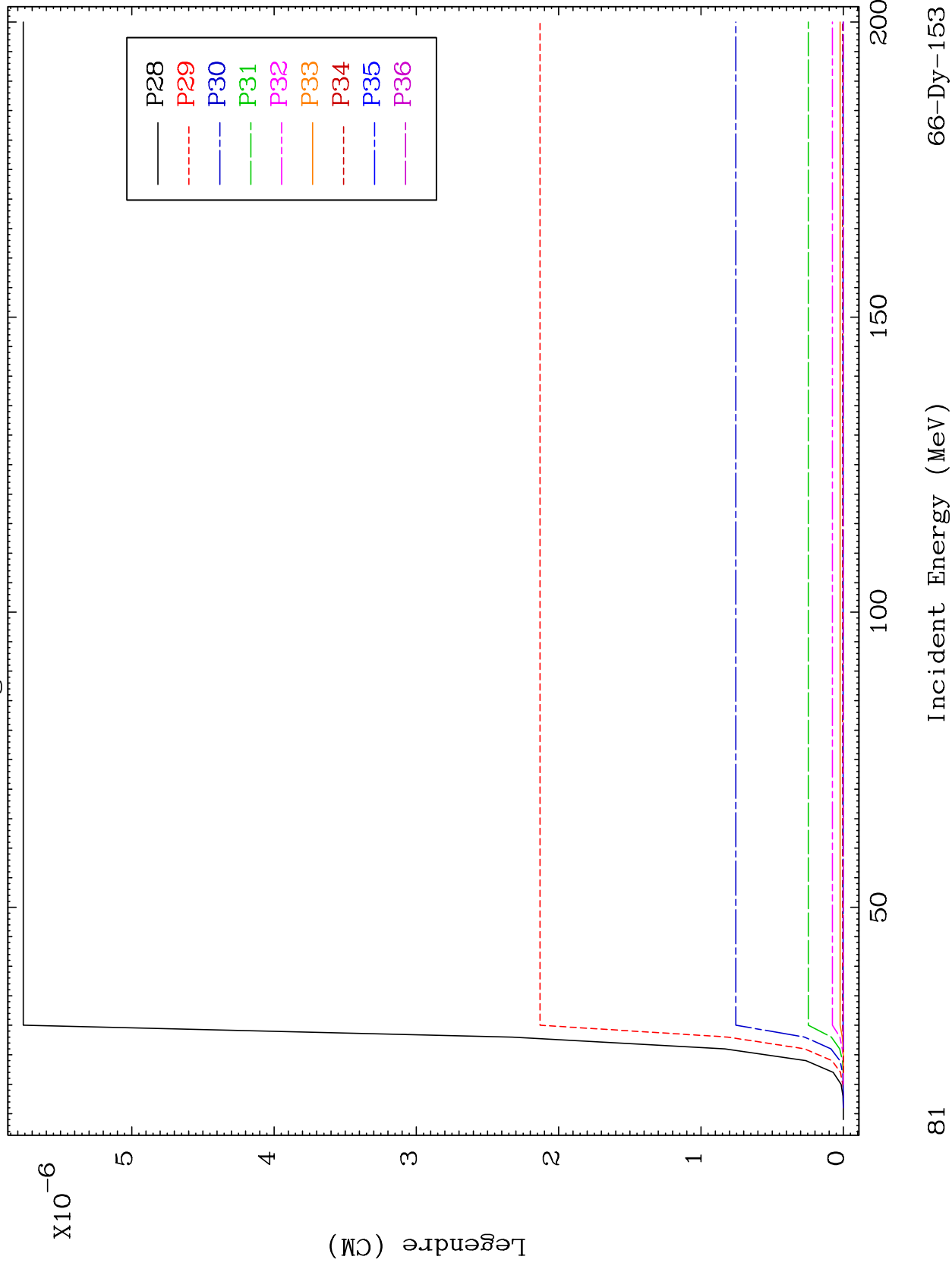
200

66-Dy-153

MAT 6616

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

66-Dy-153

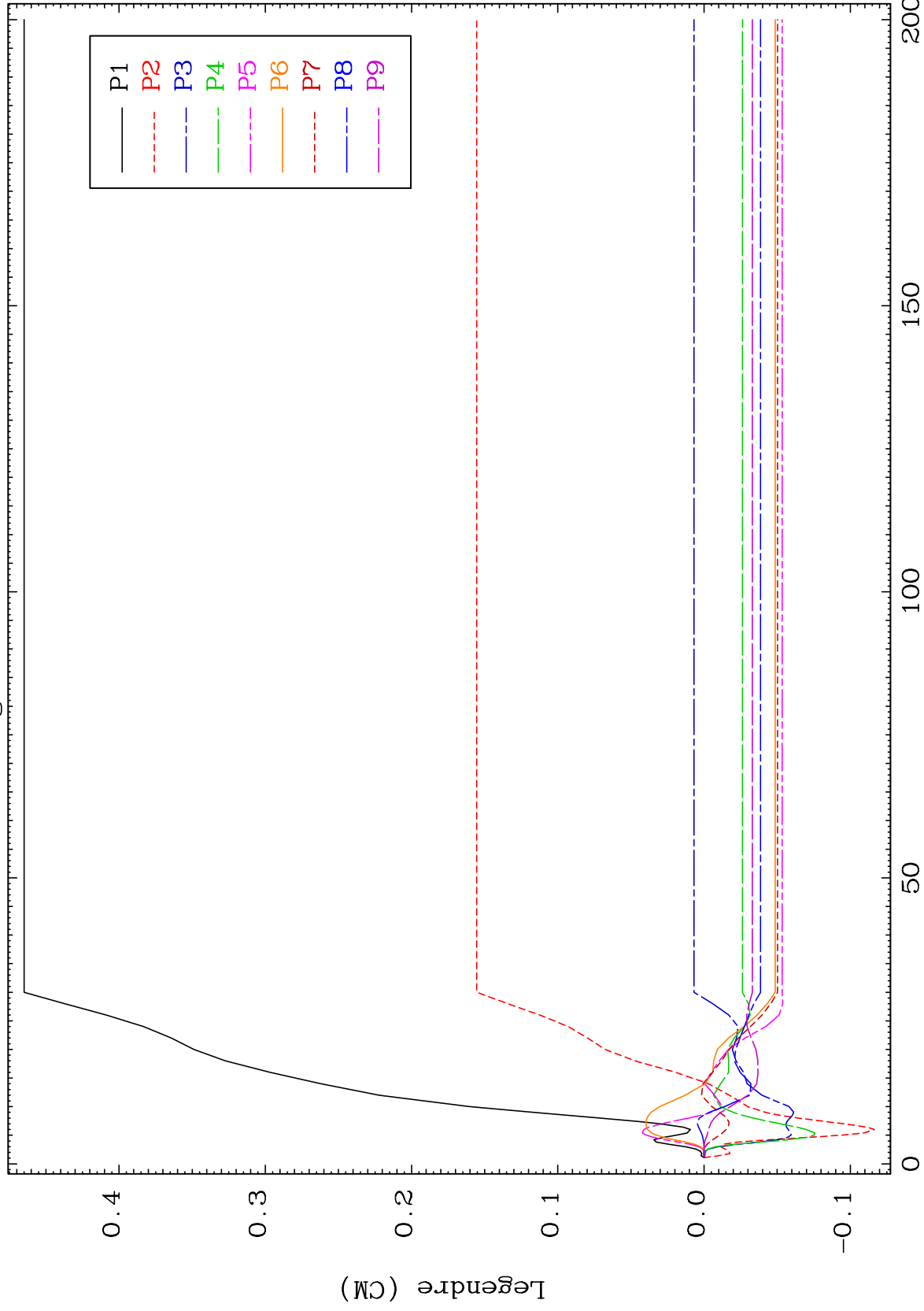


81

MAT 6616

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

66-Dy-153



82

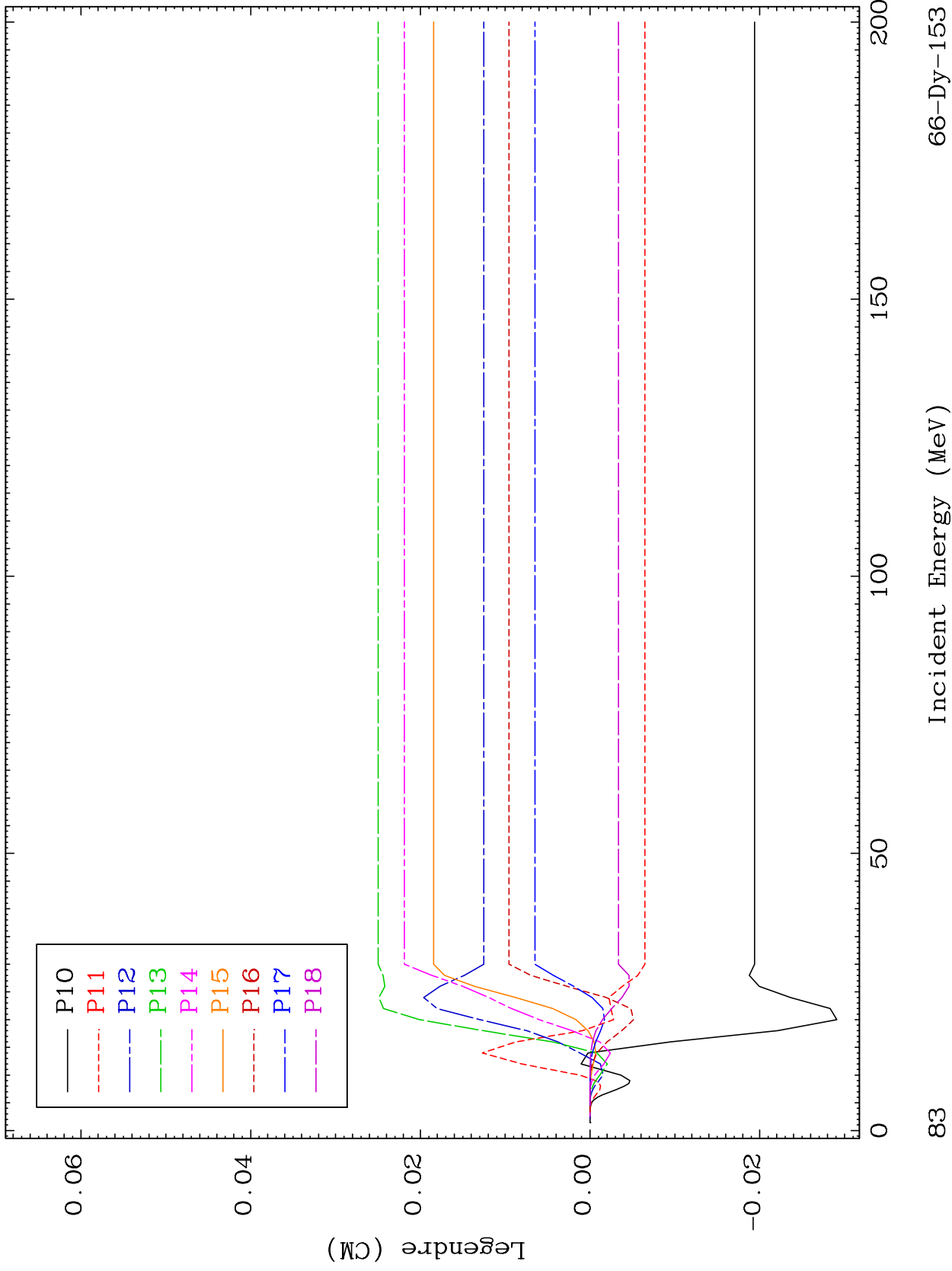
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



83

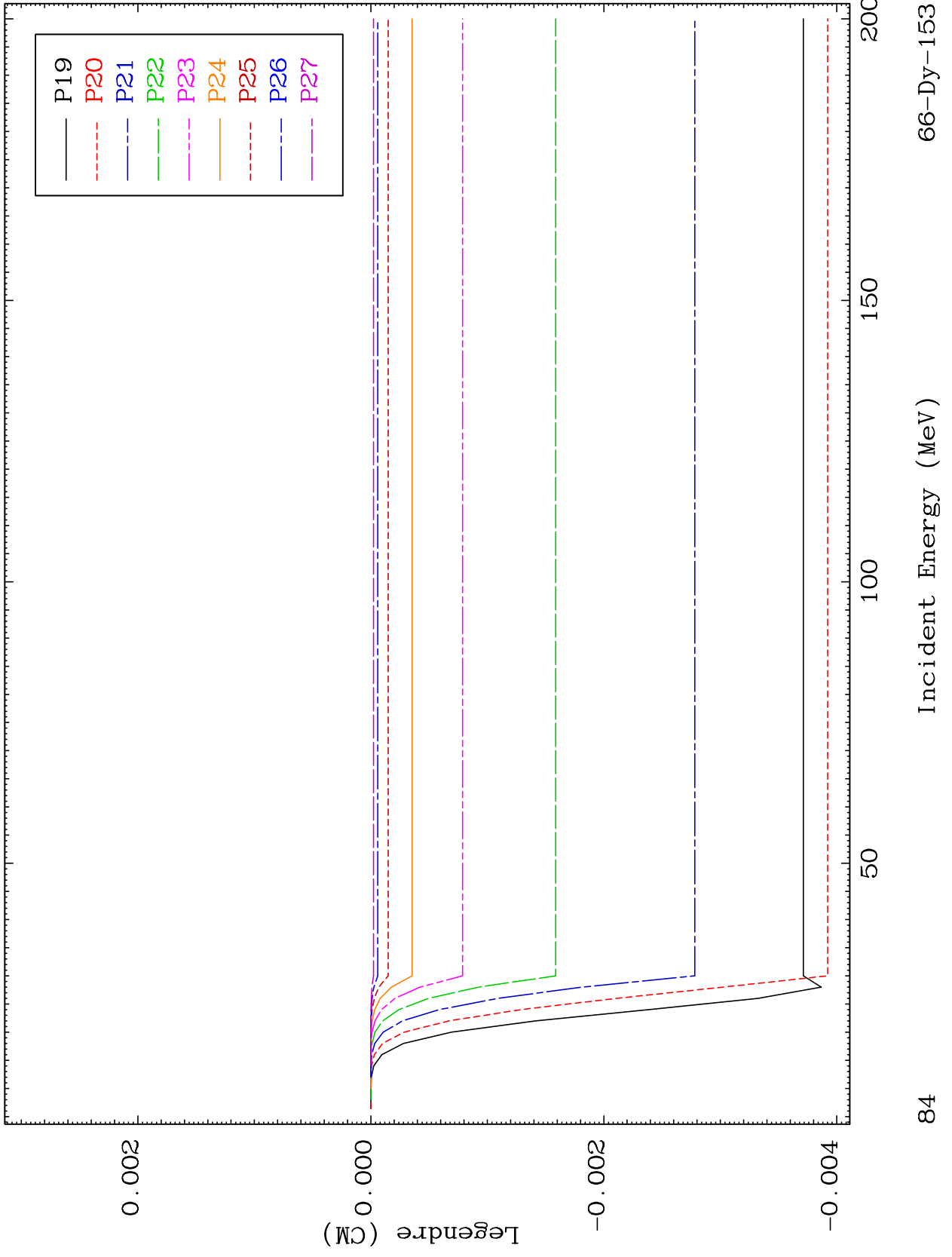
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



84

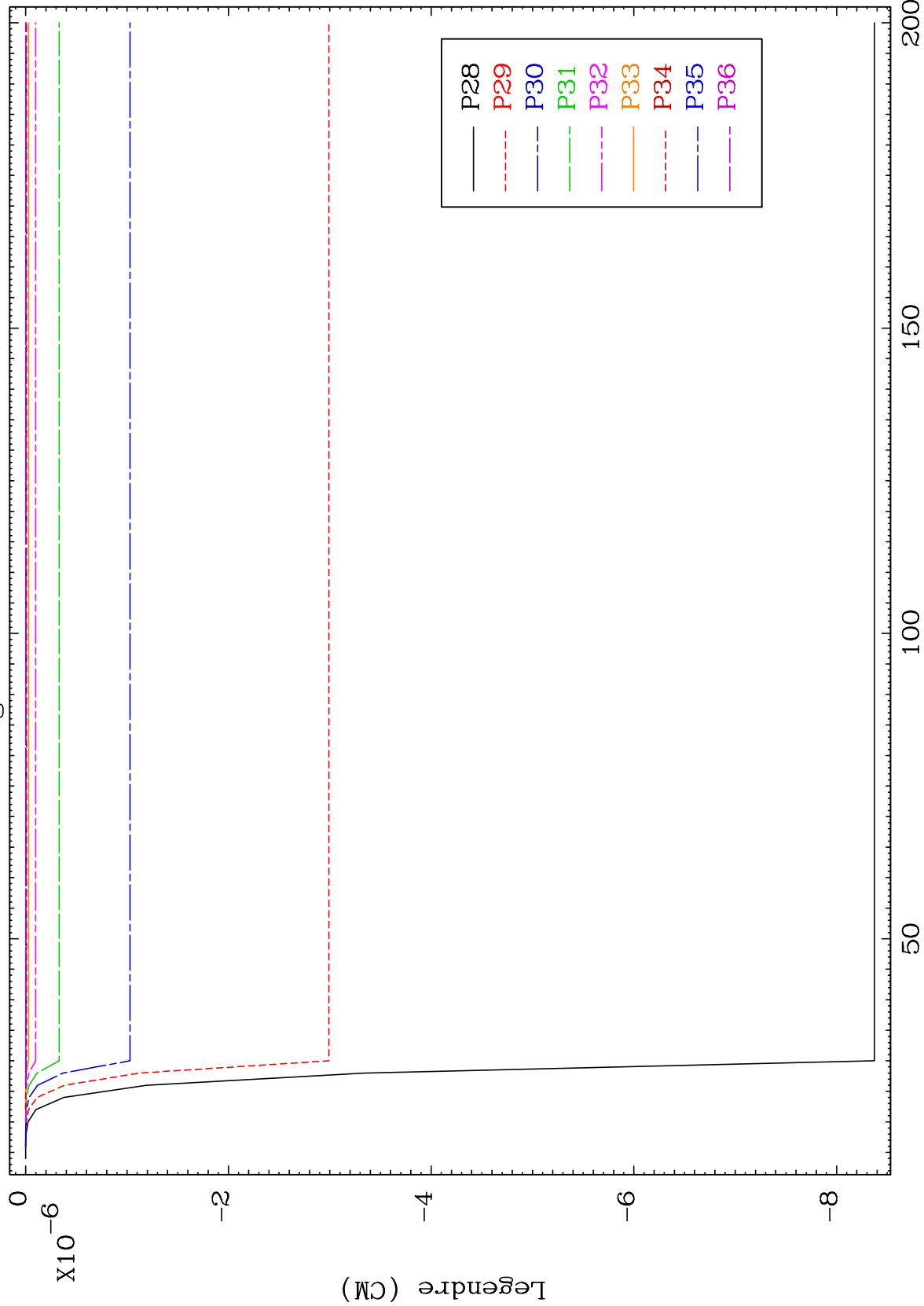
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



85

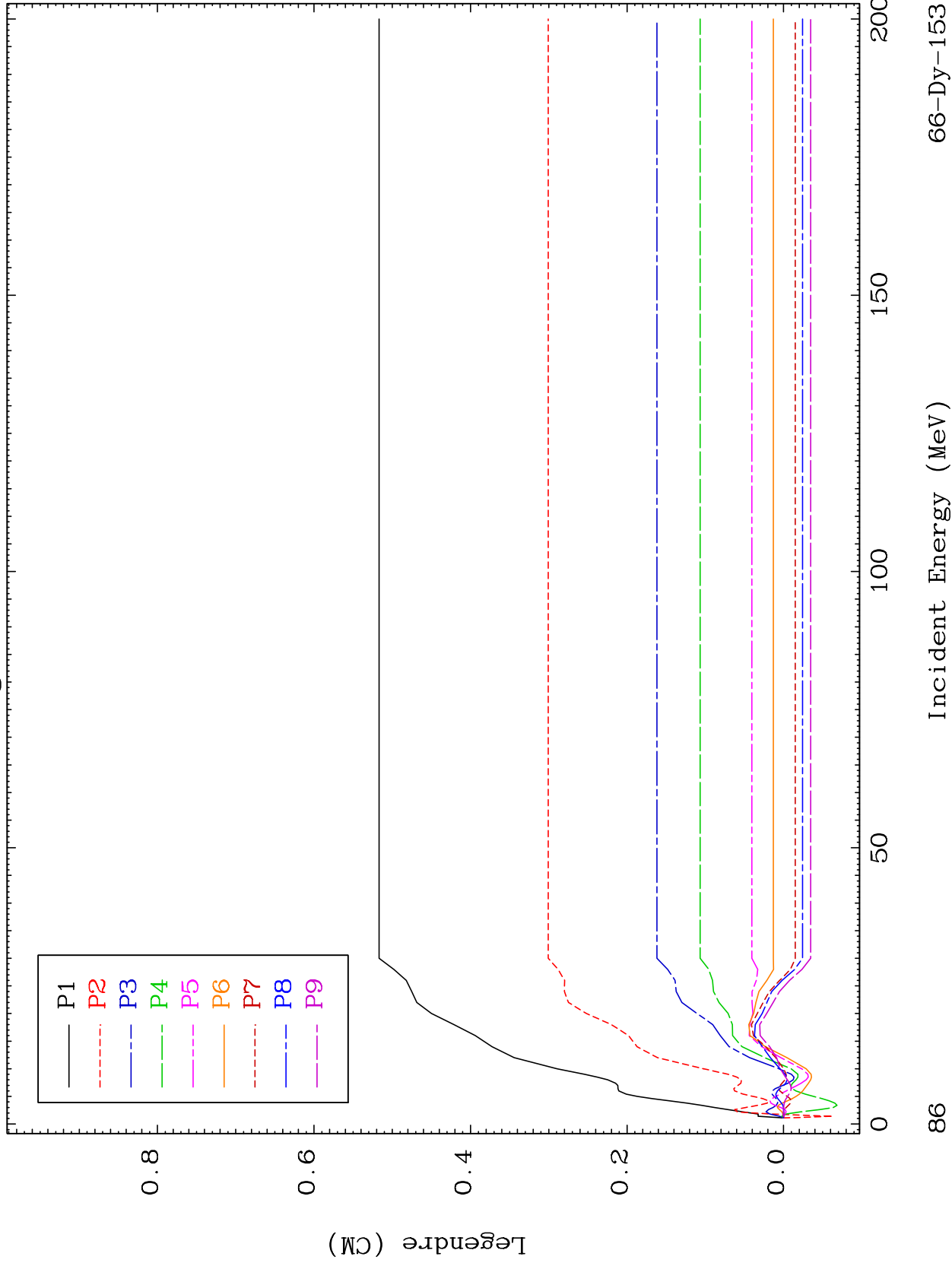
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



86

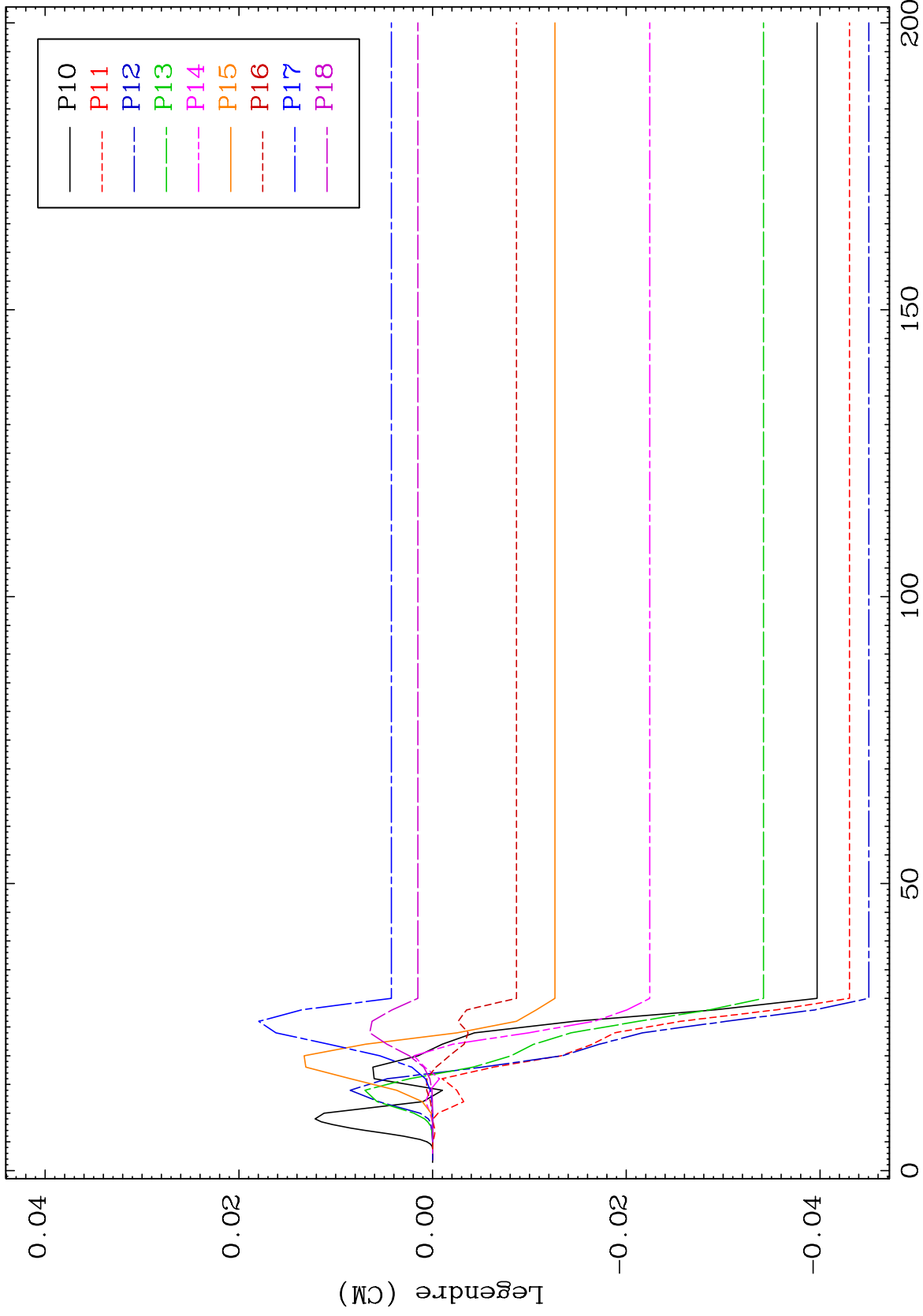
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

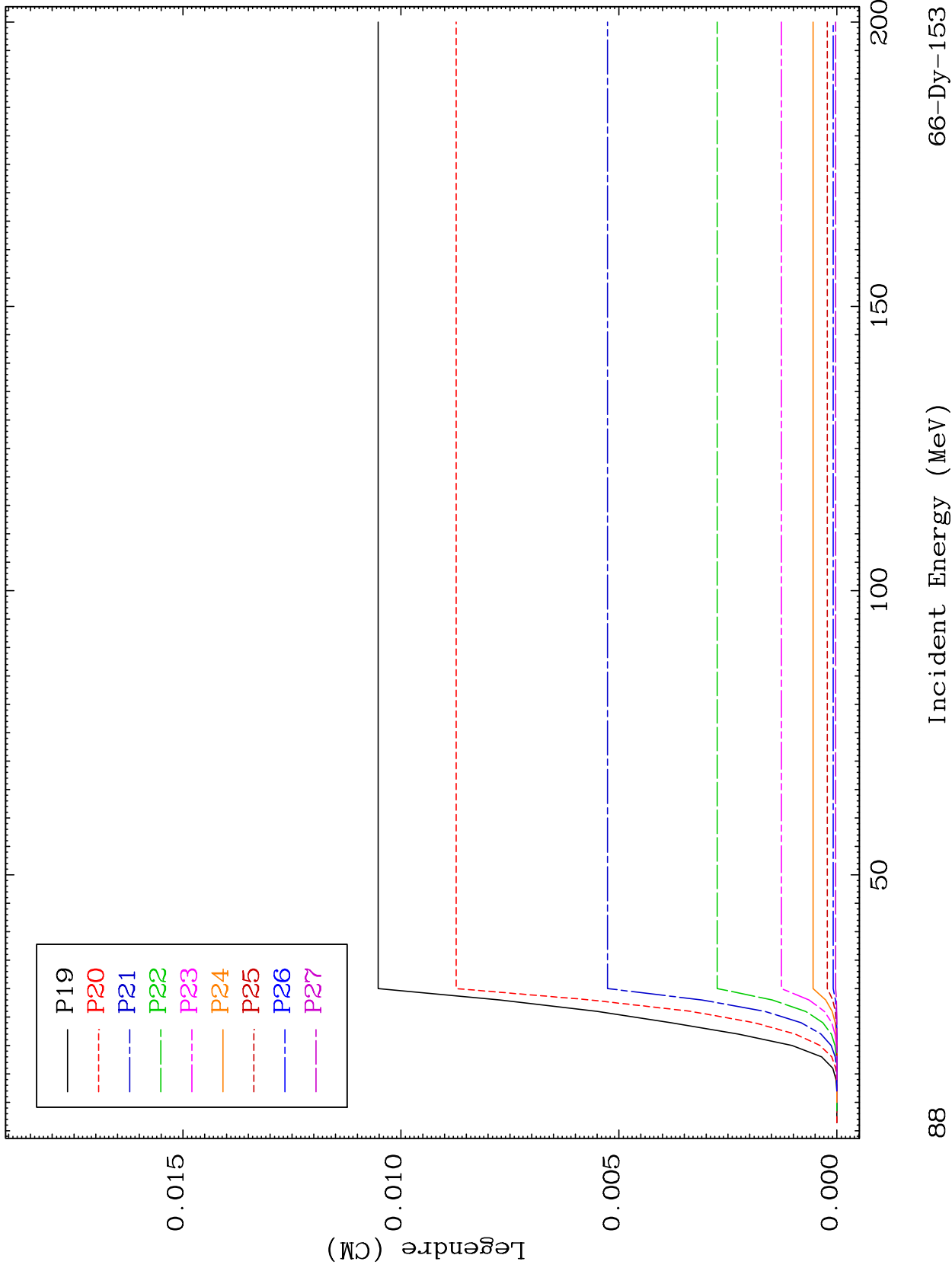
66-Dy-153



87

Incident Energy (MeV)

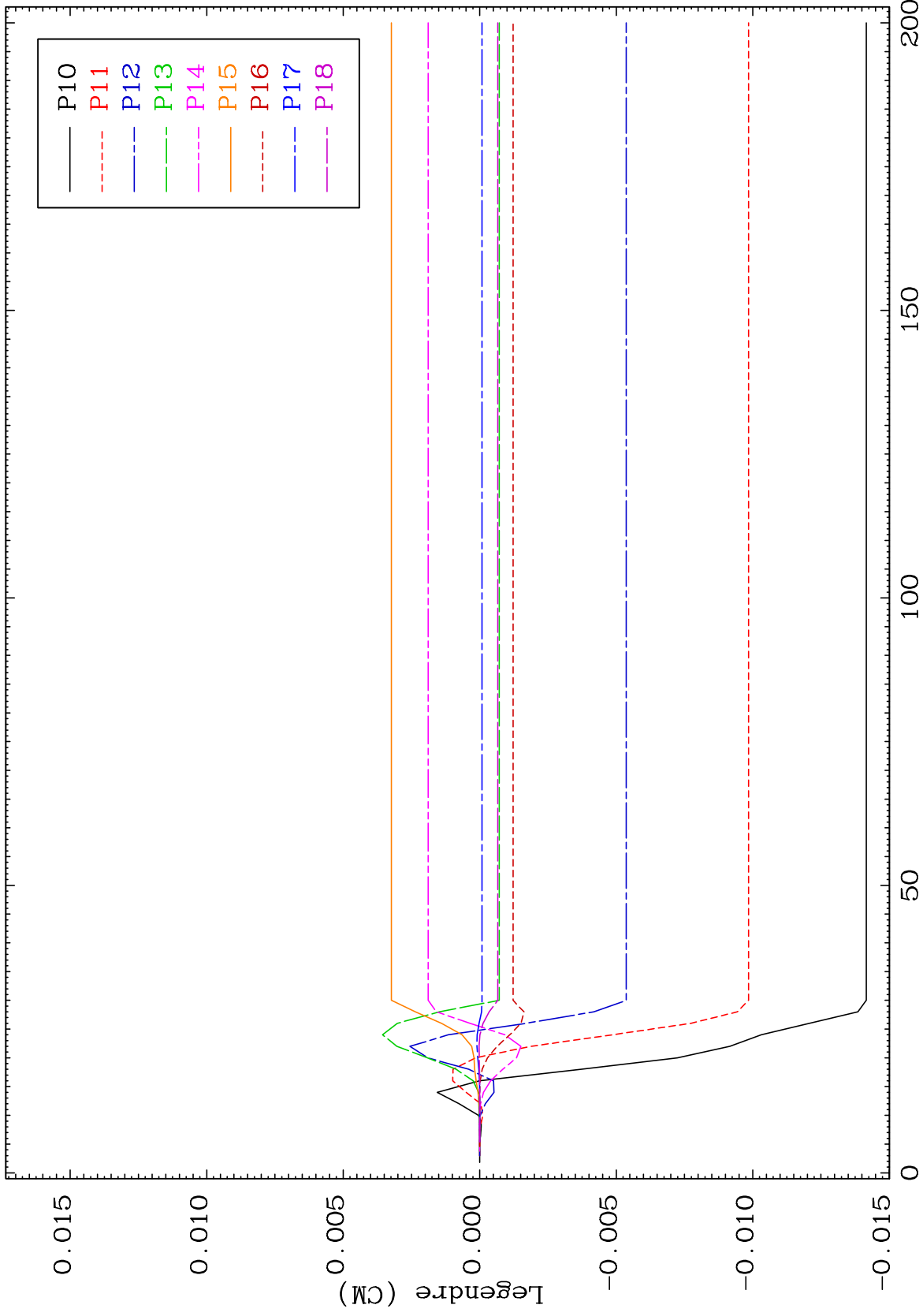
66-Dy-153



MAT 6616

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

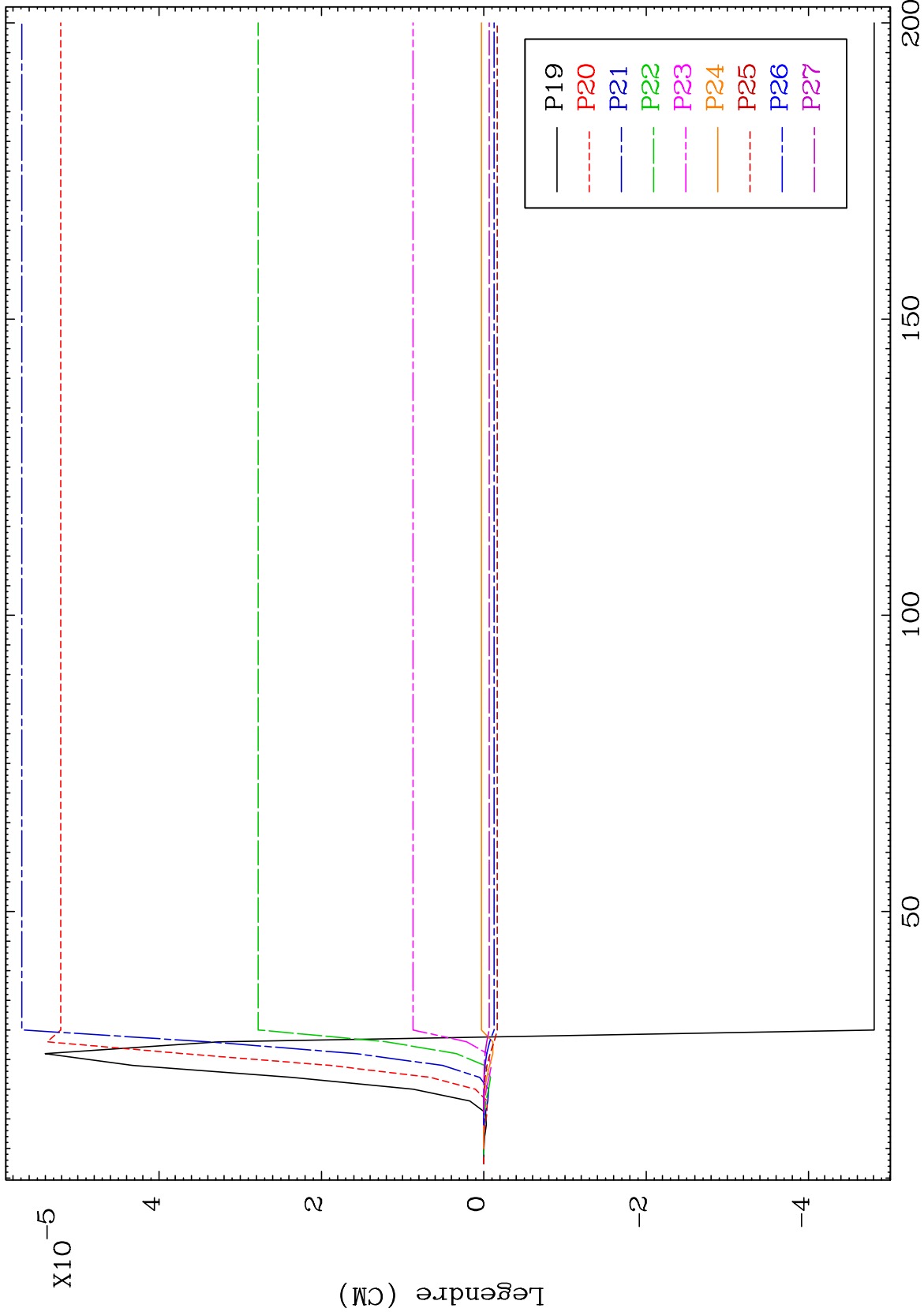
66-Dy-153

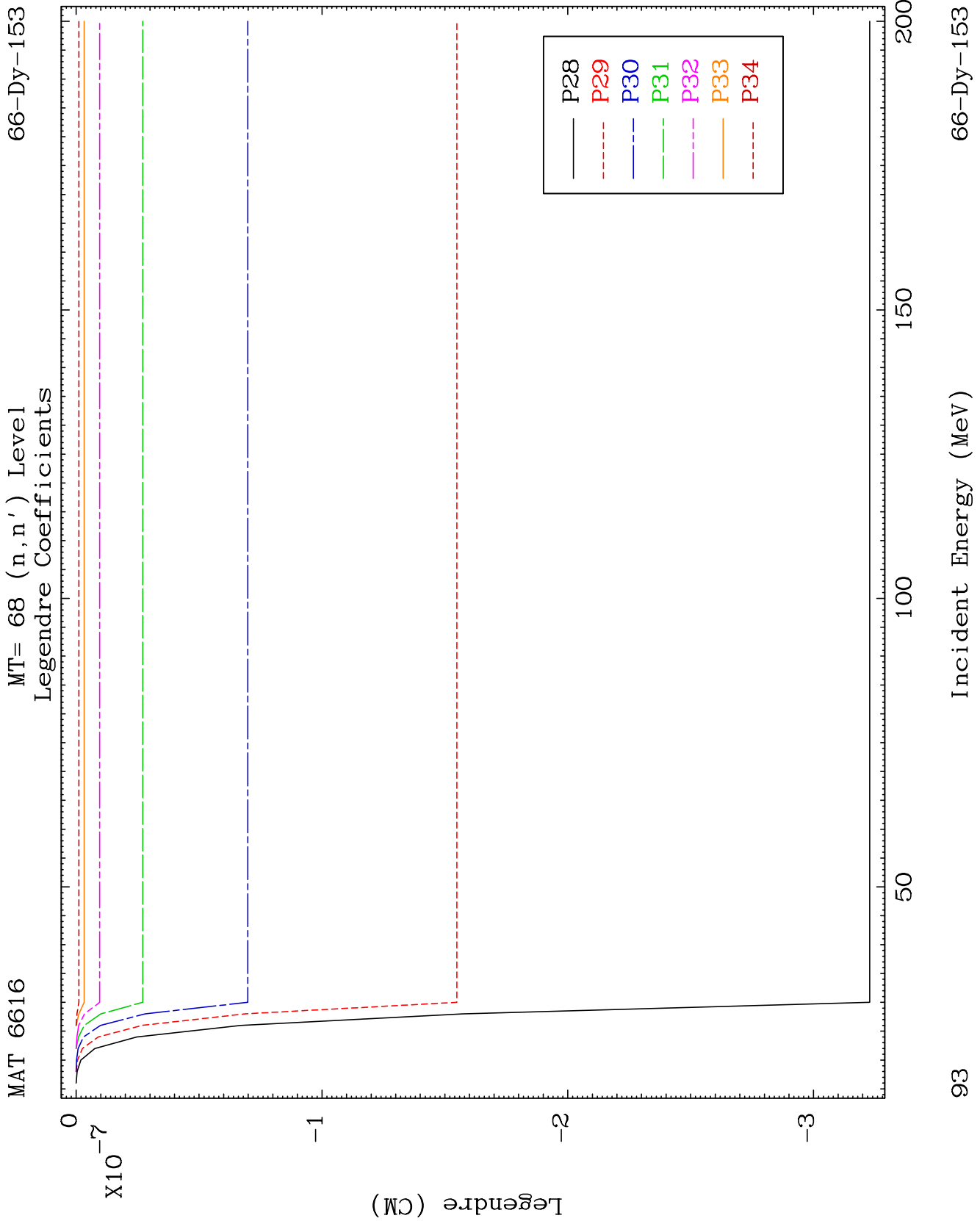


91

Incident Energy (MeV)

66-Dy-153

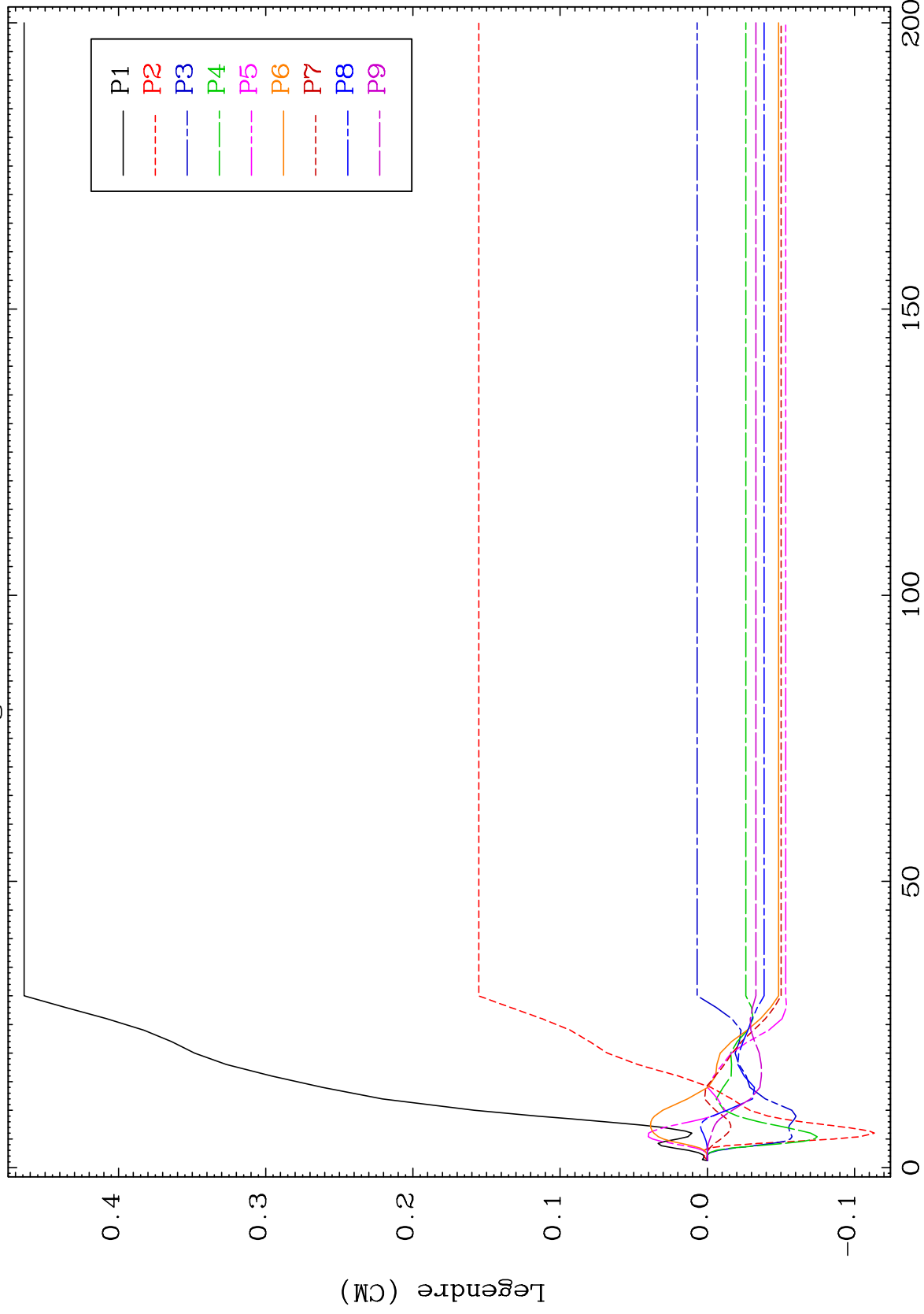




MAT 6616

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

66-Dy-153



94

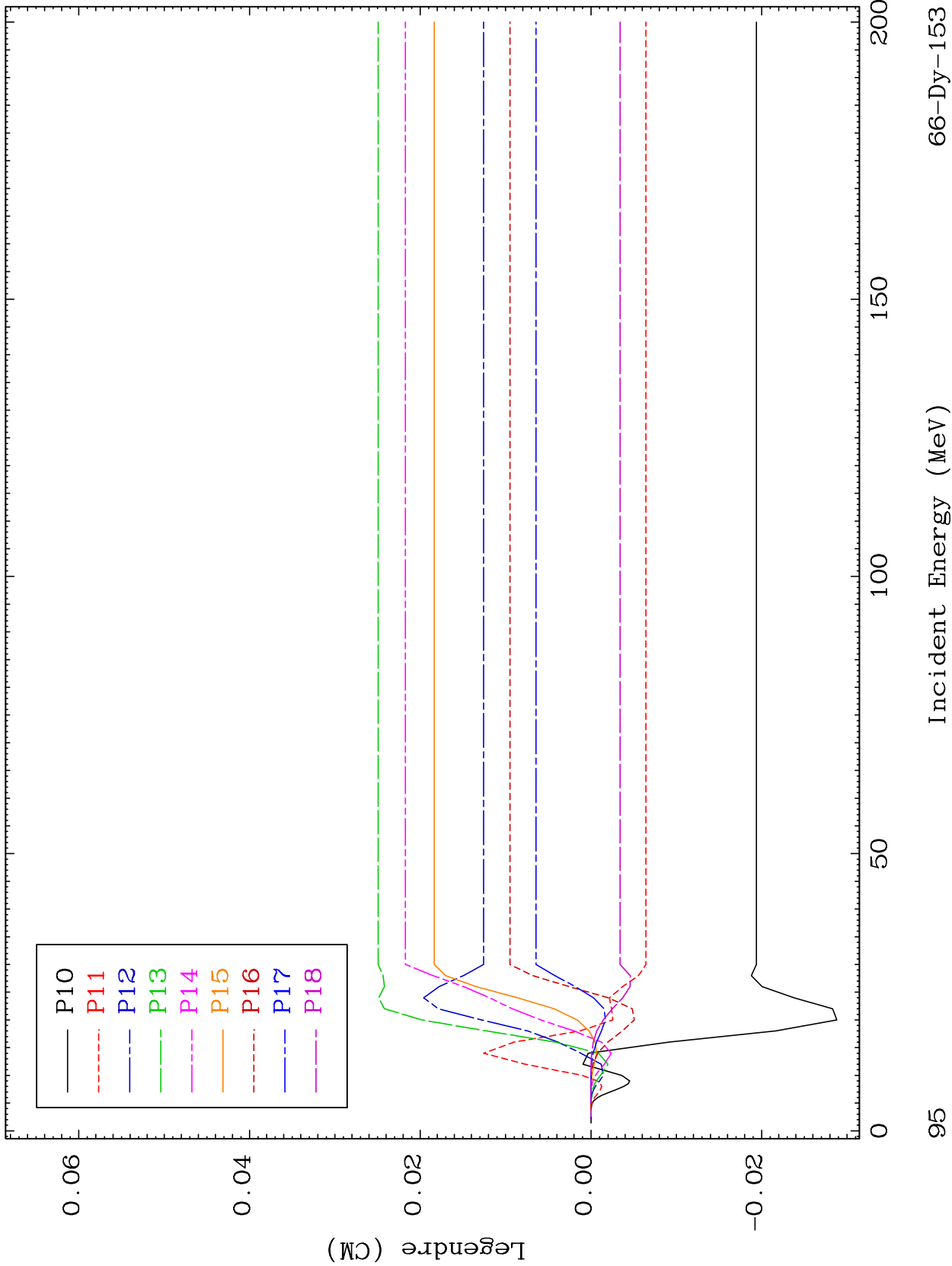
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



66-Dy-153

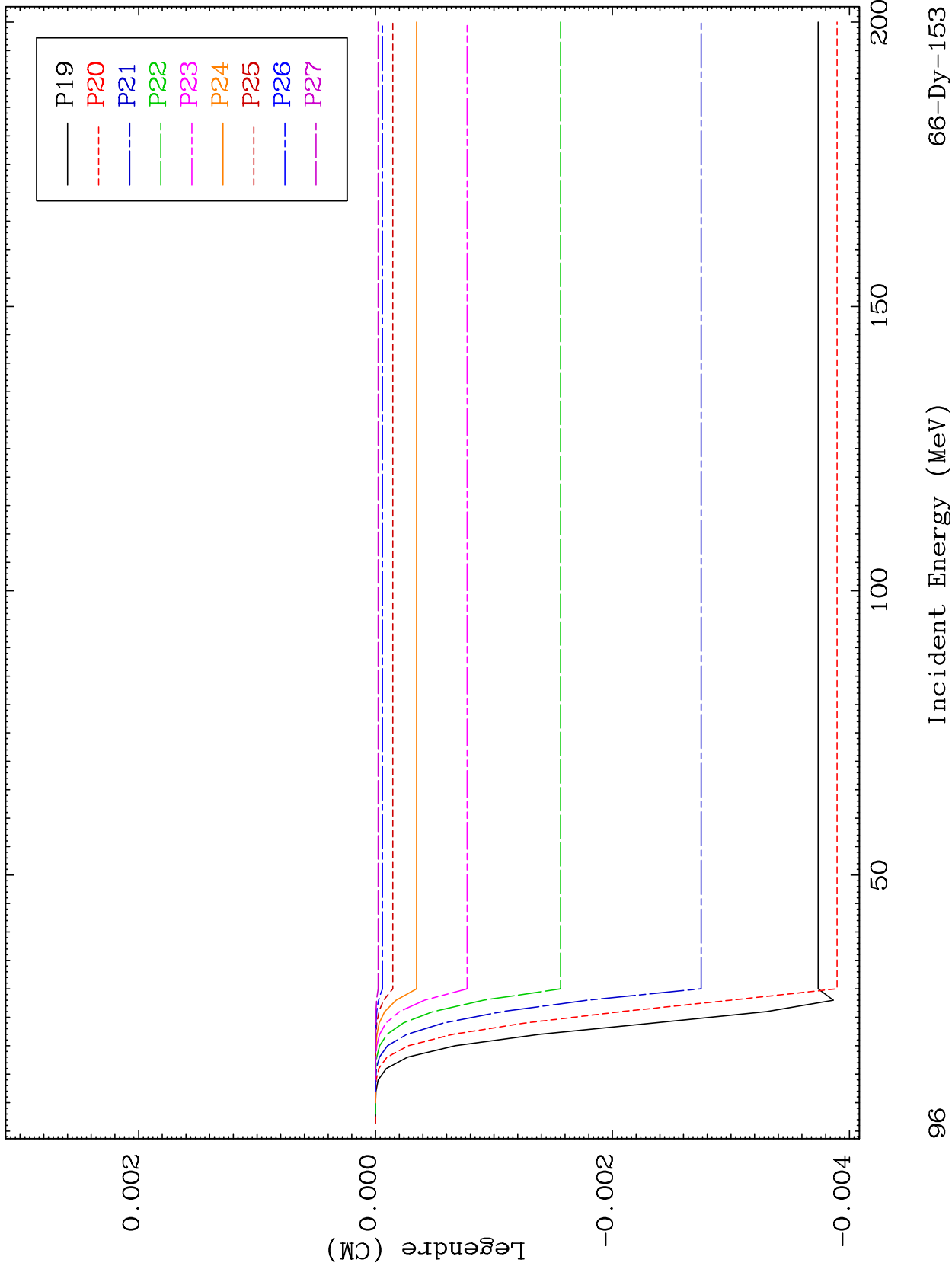
Incident Energy (MeV)

95

MAT 6616

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

66-Dy-153



96

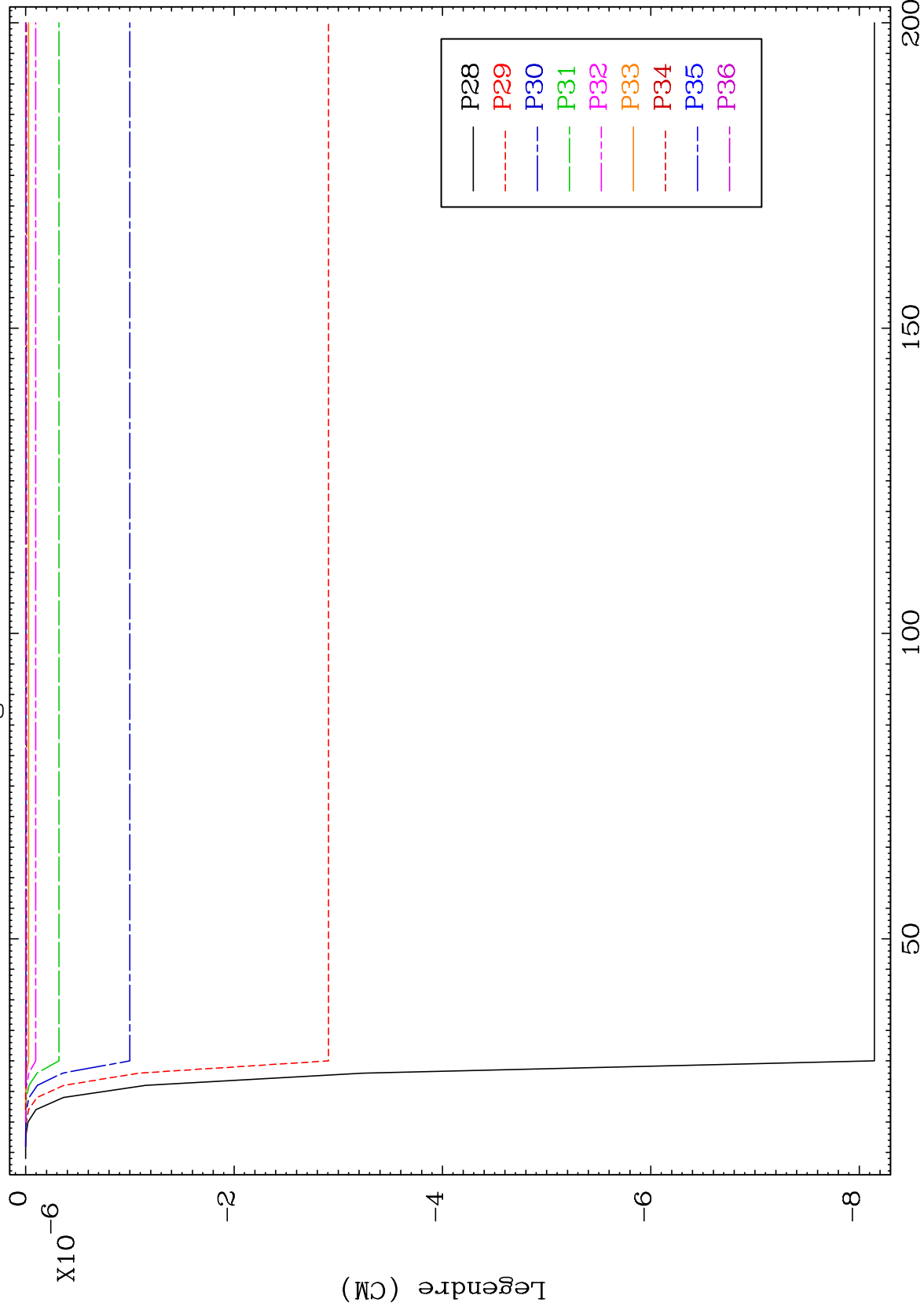
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



97

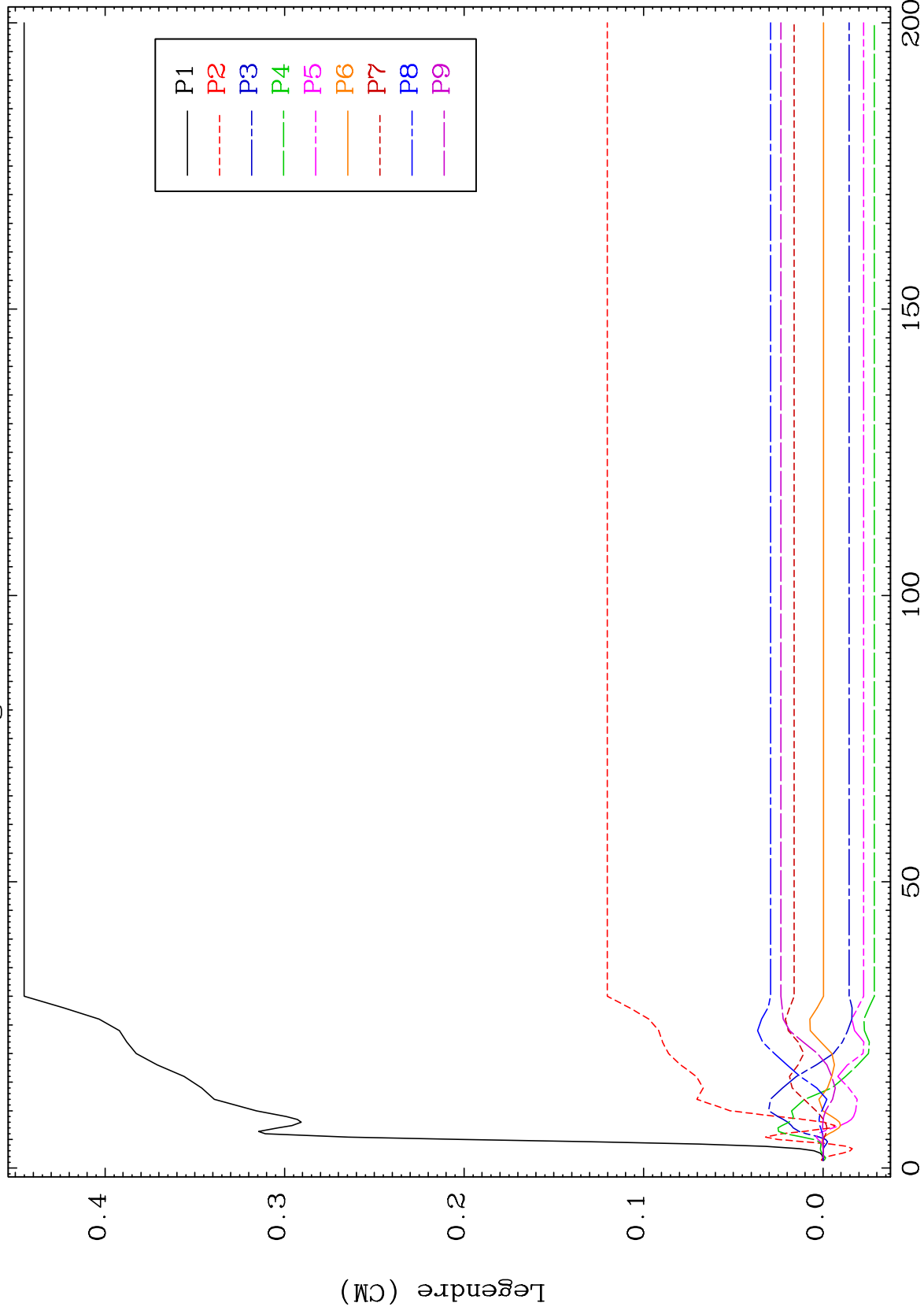
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

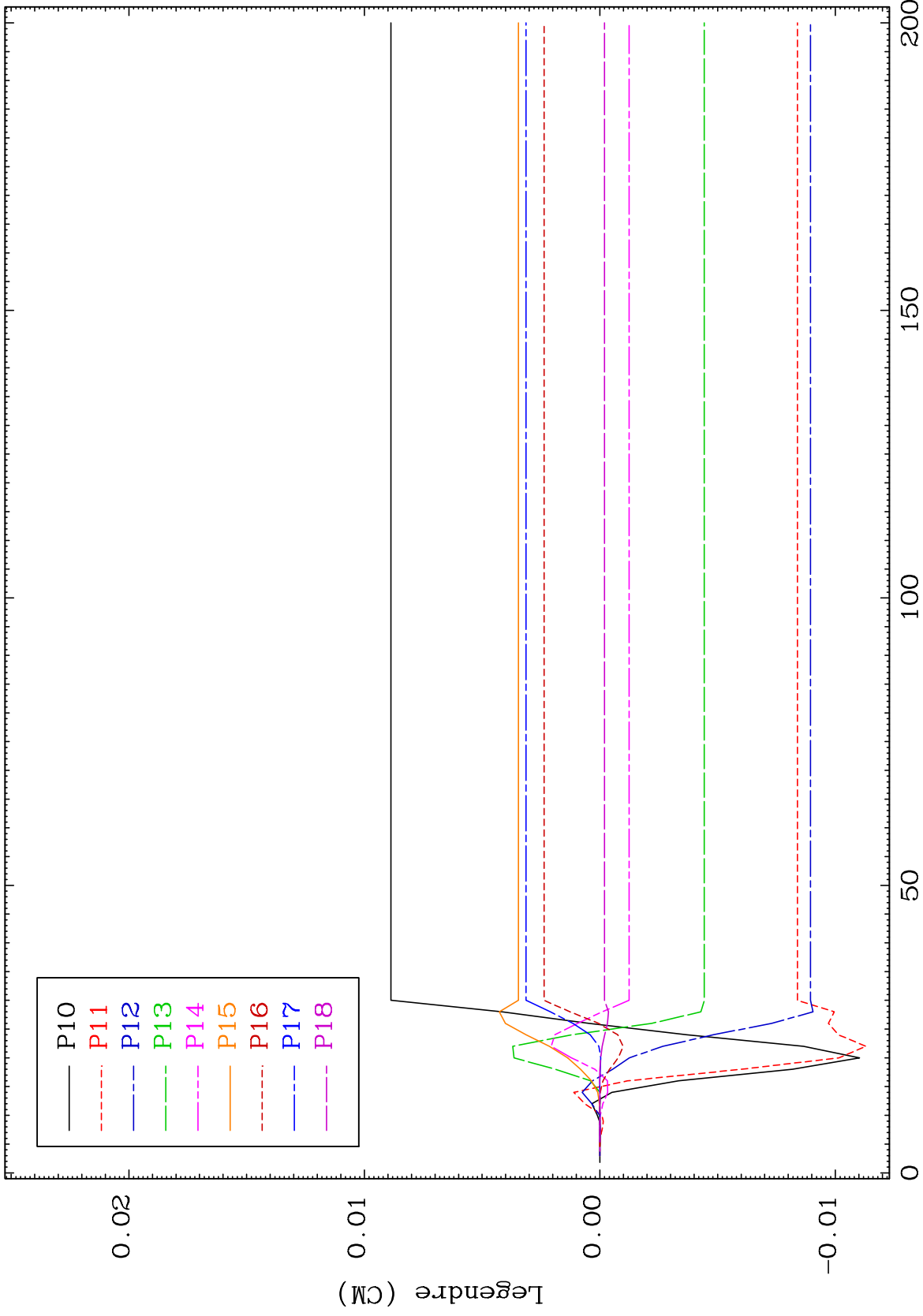
66-Dy-153



98

Incident Energy (MeV)

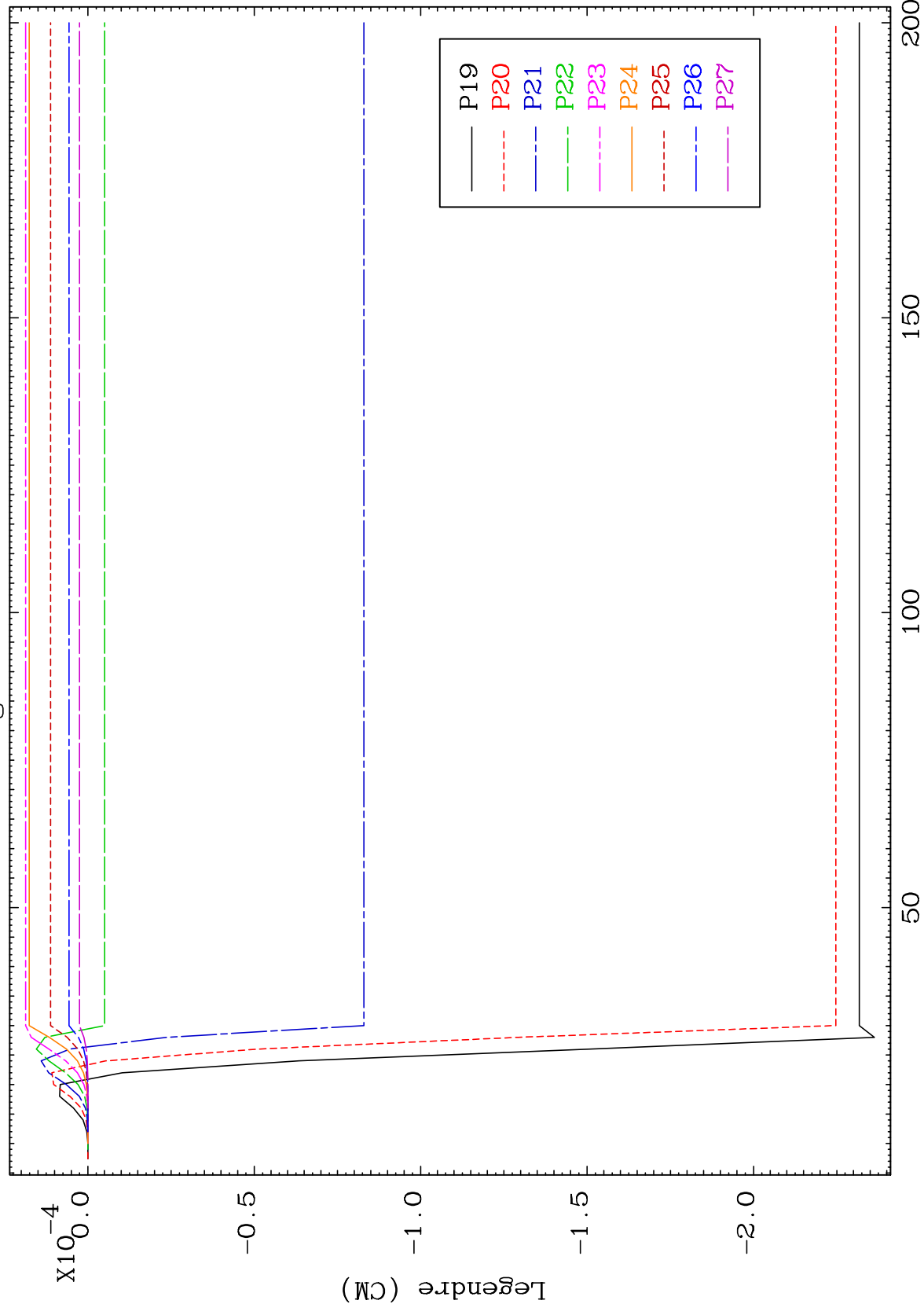
66-Dy-153



MAT 6616

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

66-Dy-153



100

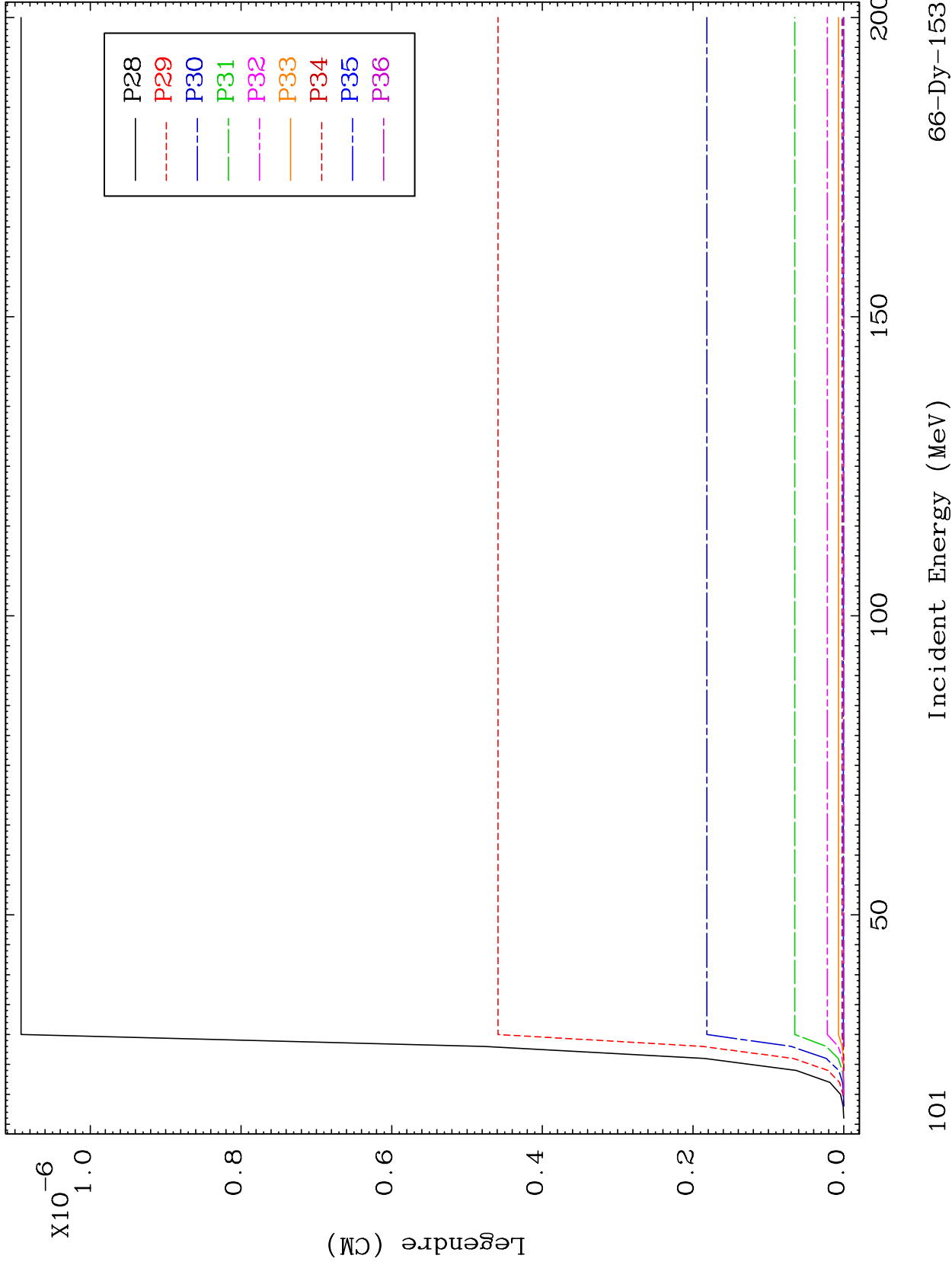
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



101

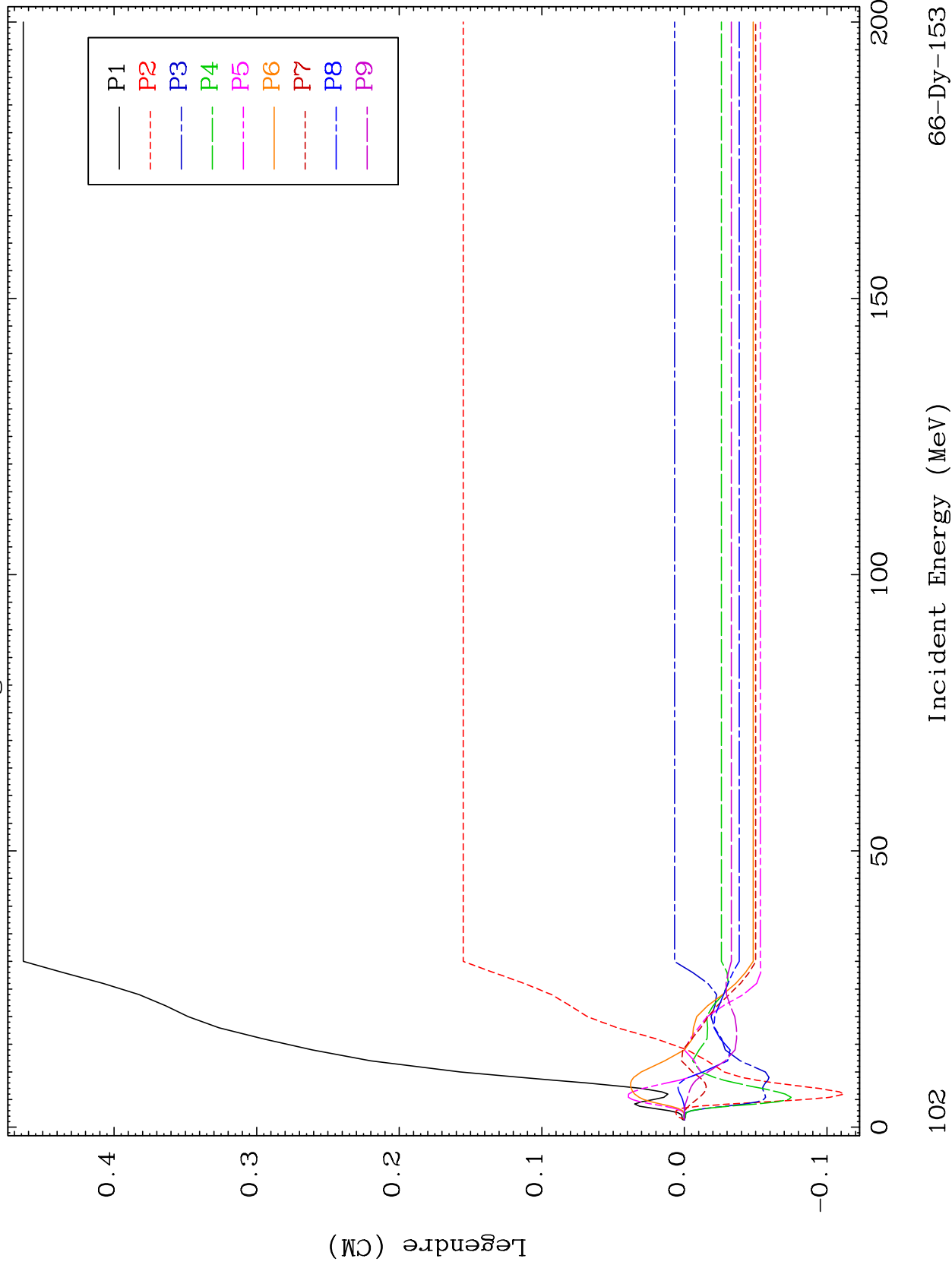
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

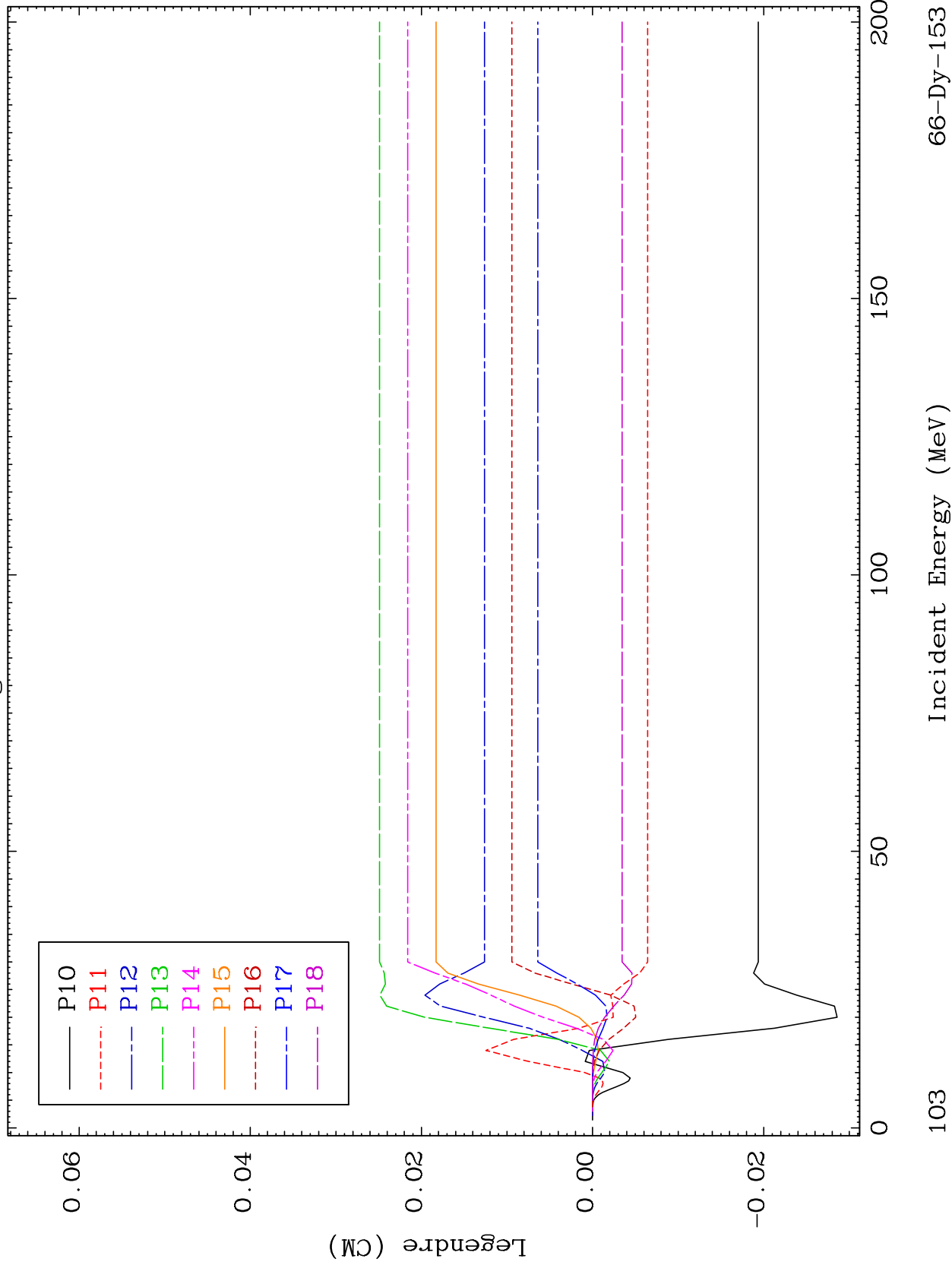
66-Dy-153



MAT 6616

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

66-Dy-153



103

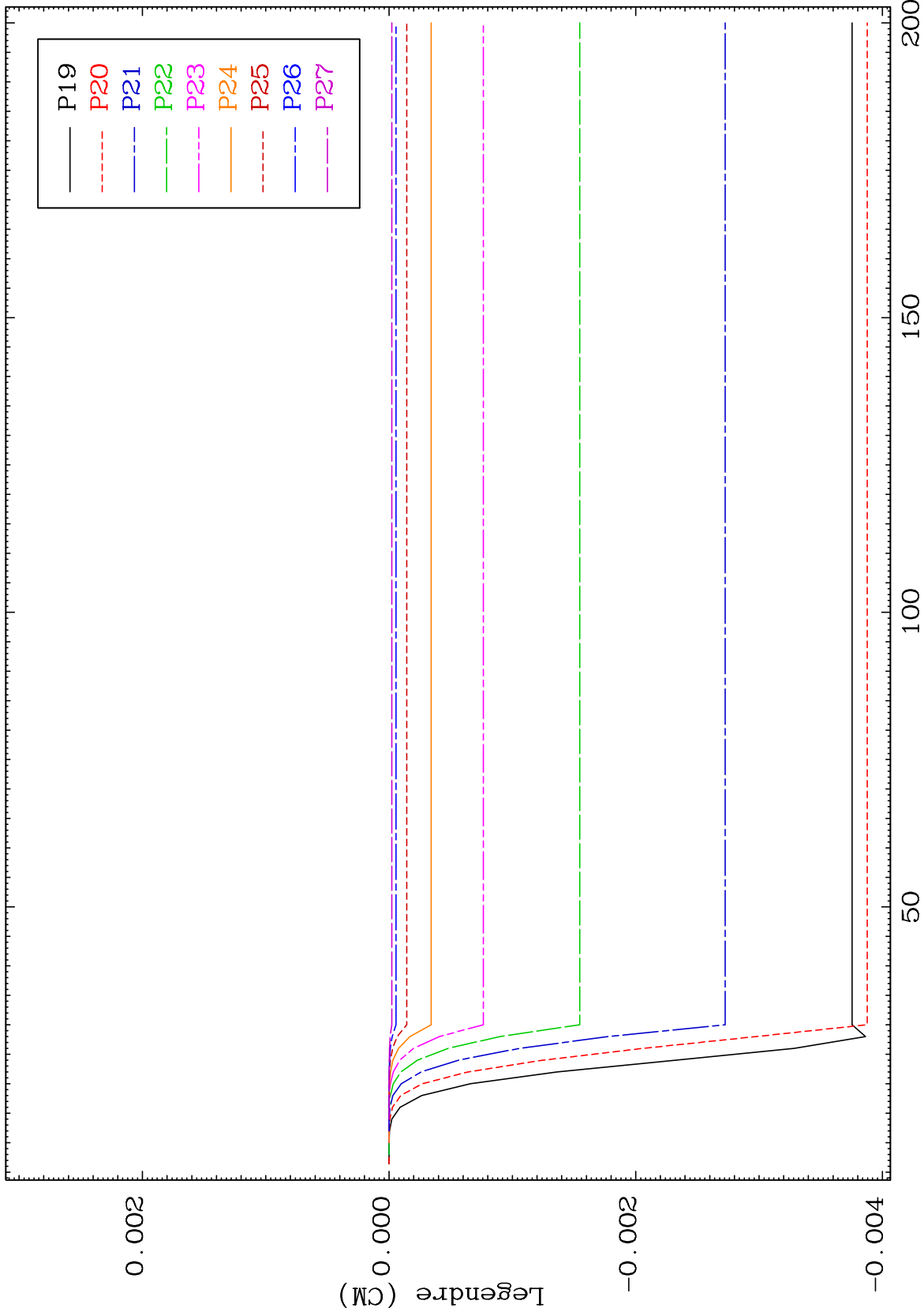
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



104

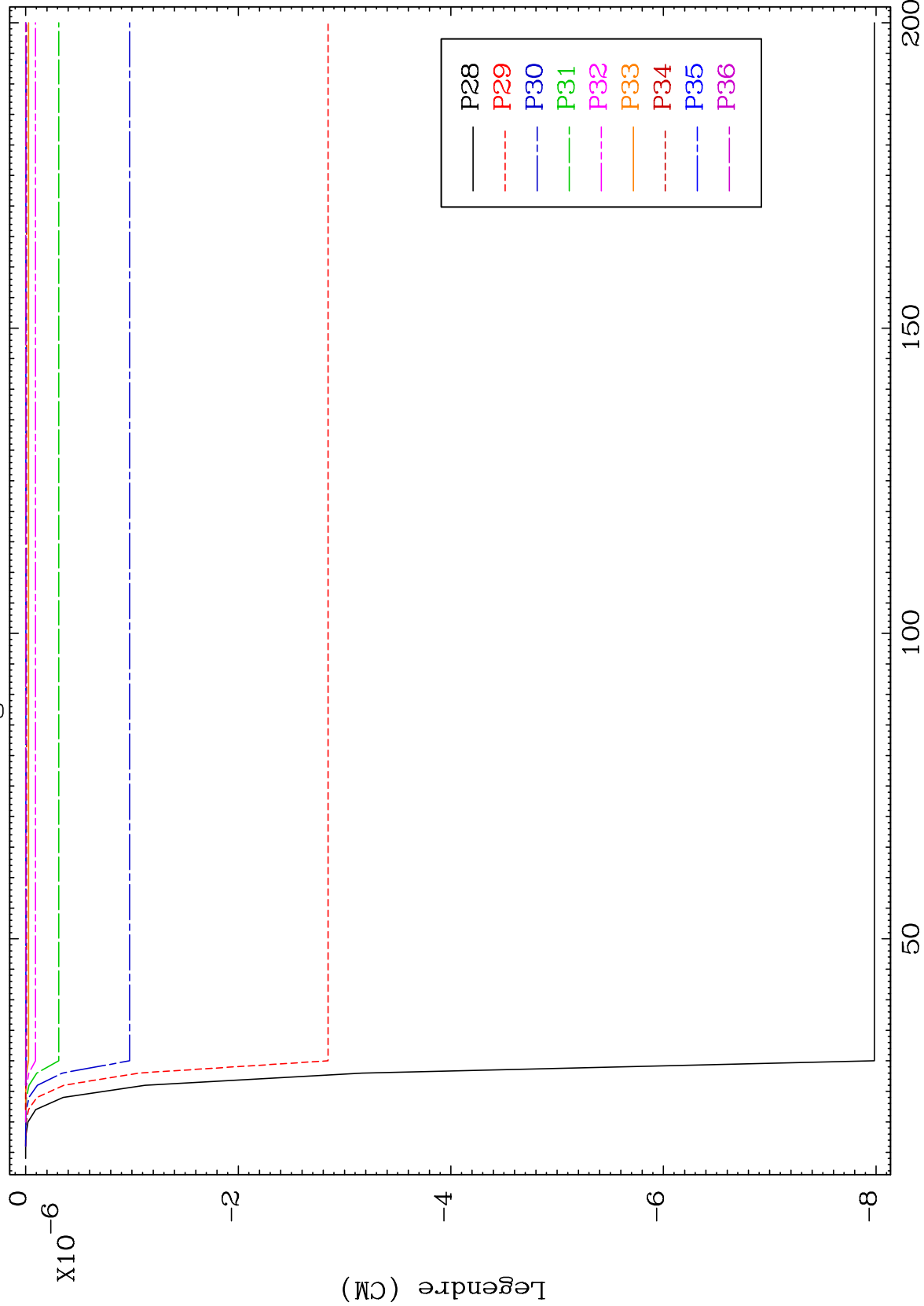
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



105

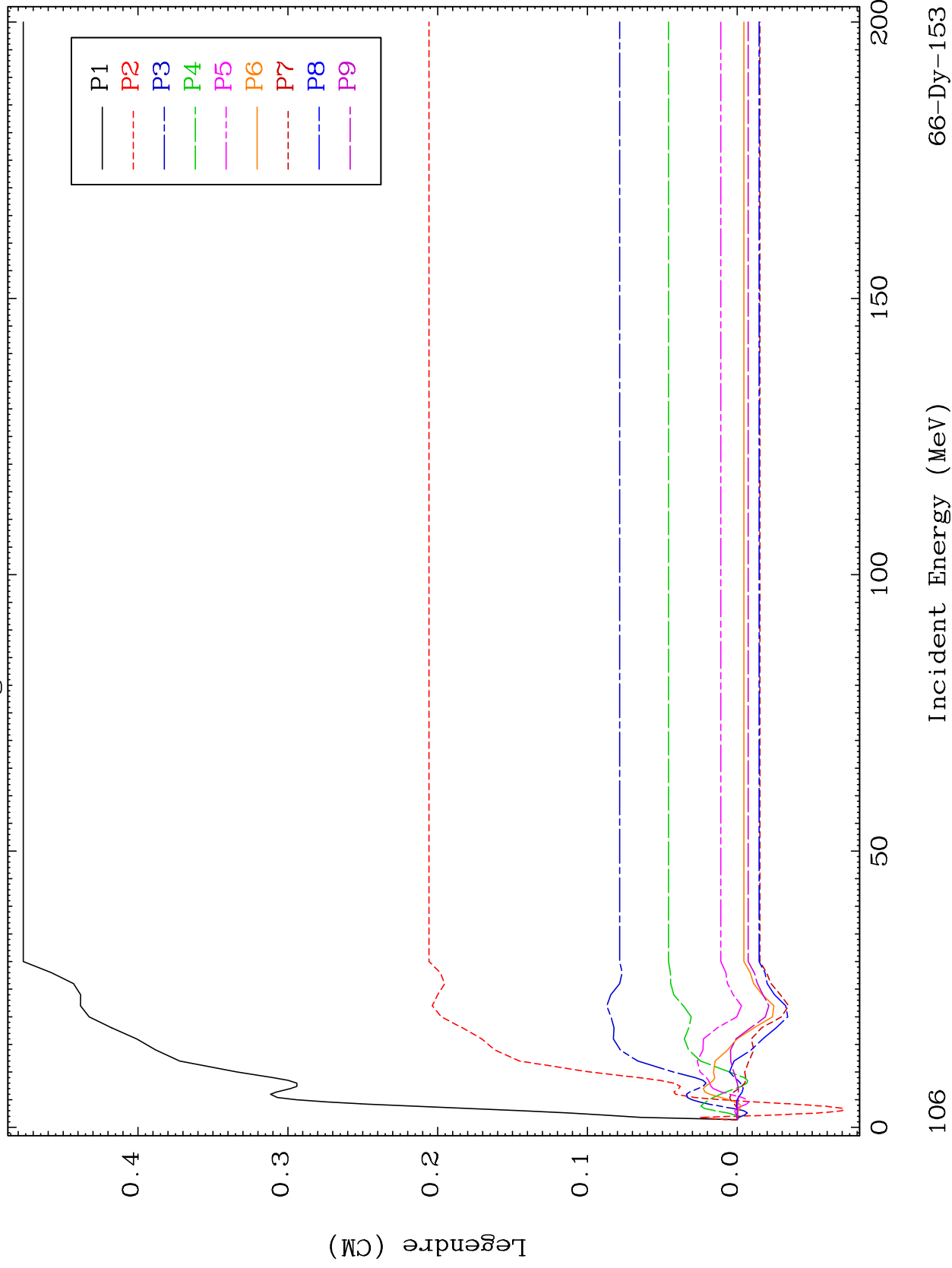
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

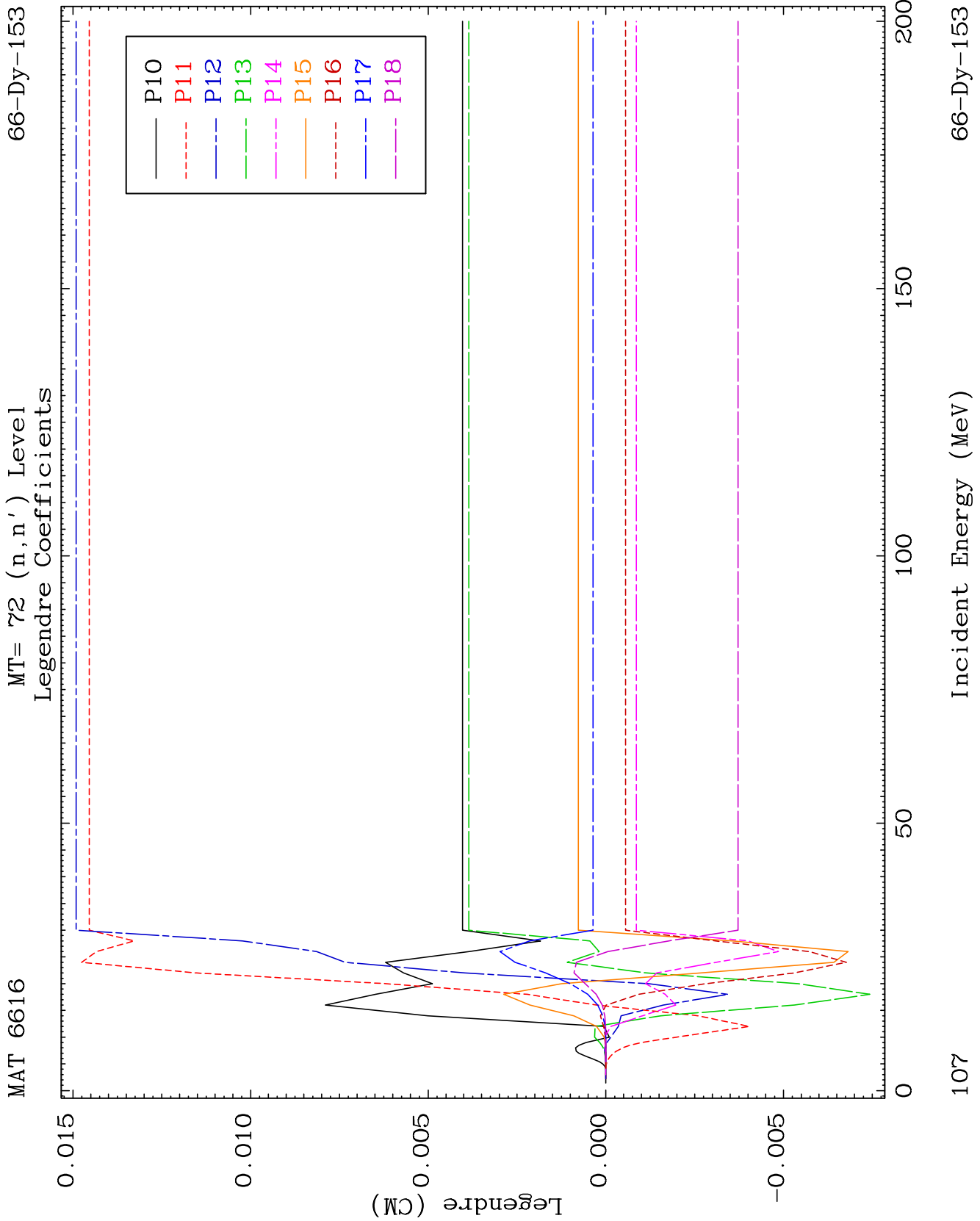
66-Dy-153



66-Dy-153

Incident Energy (MeV)

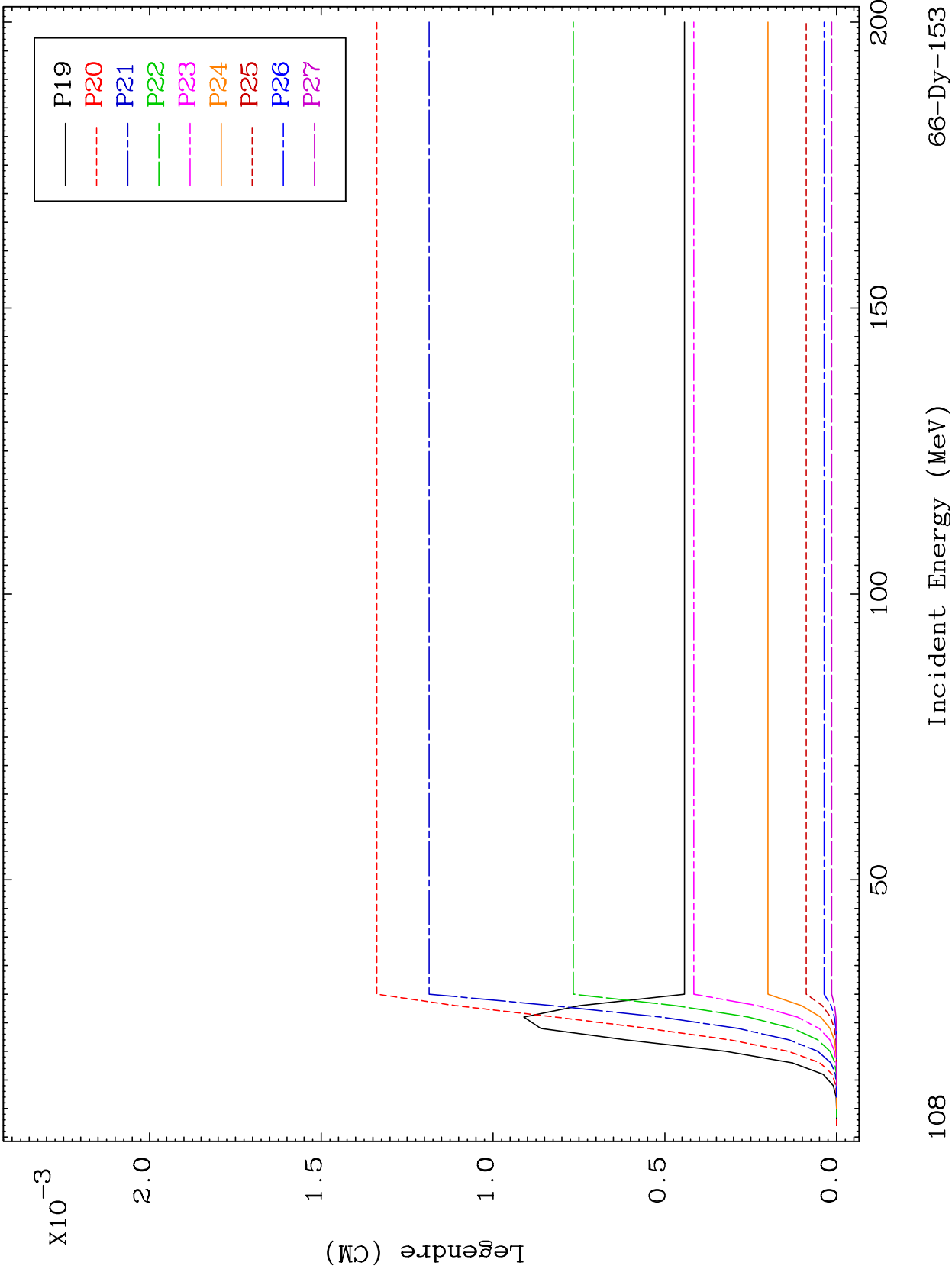
106



MAT 6616

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

66-Dy-153



108

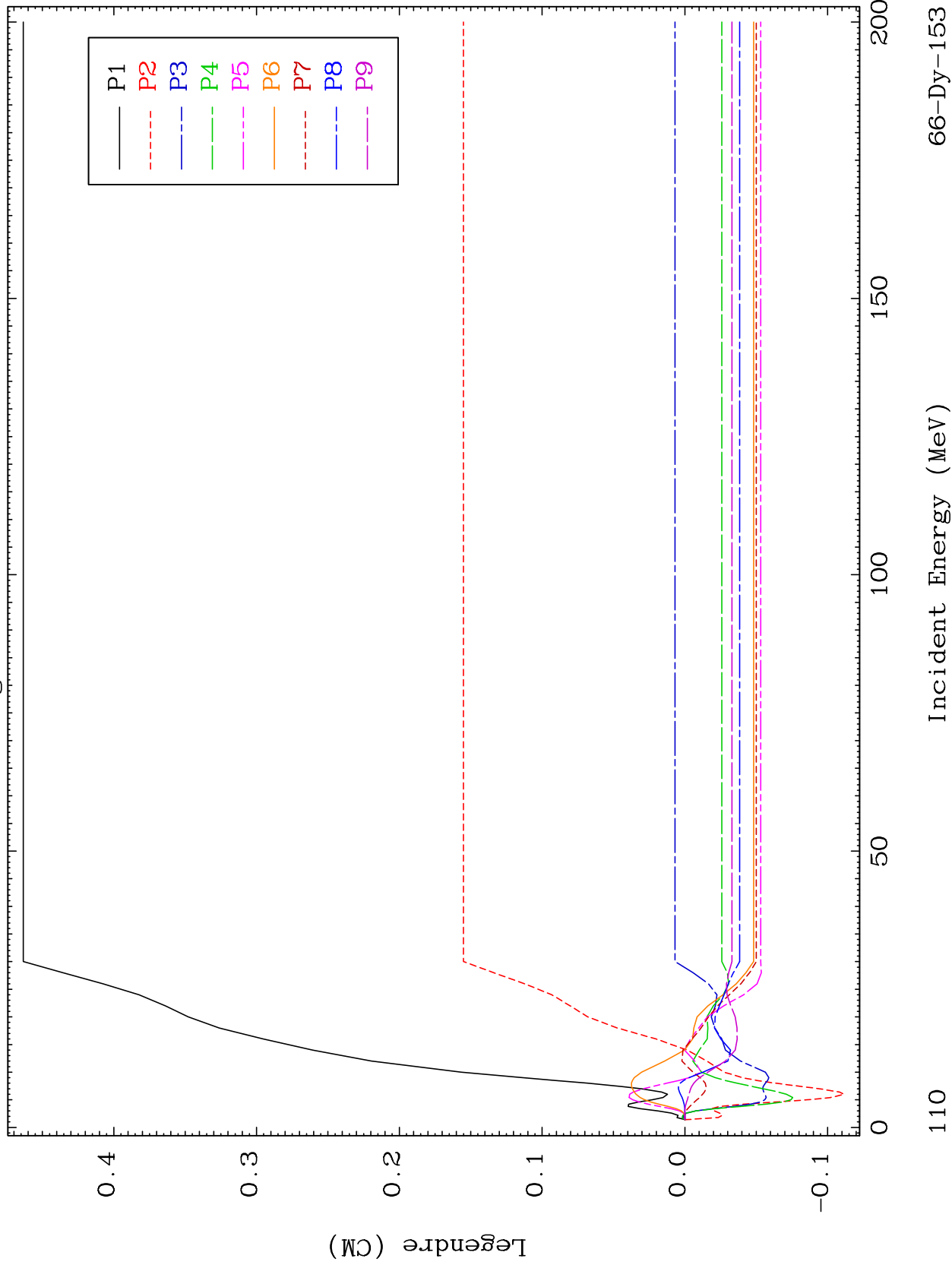
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153

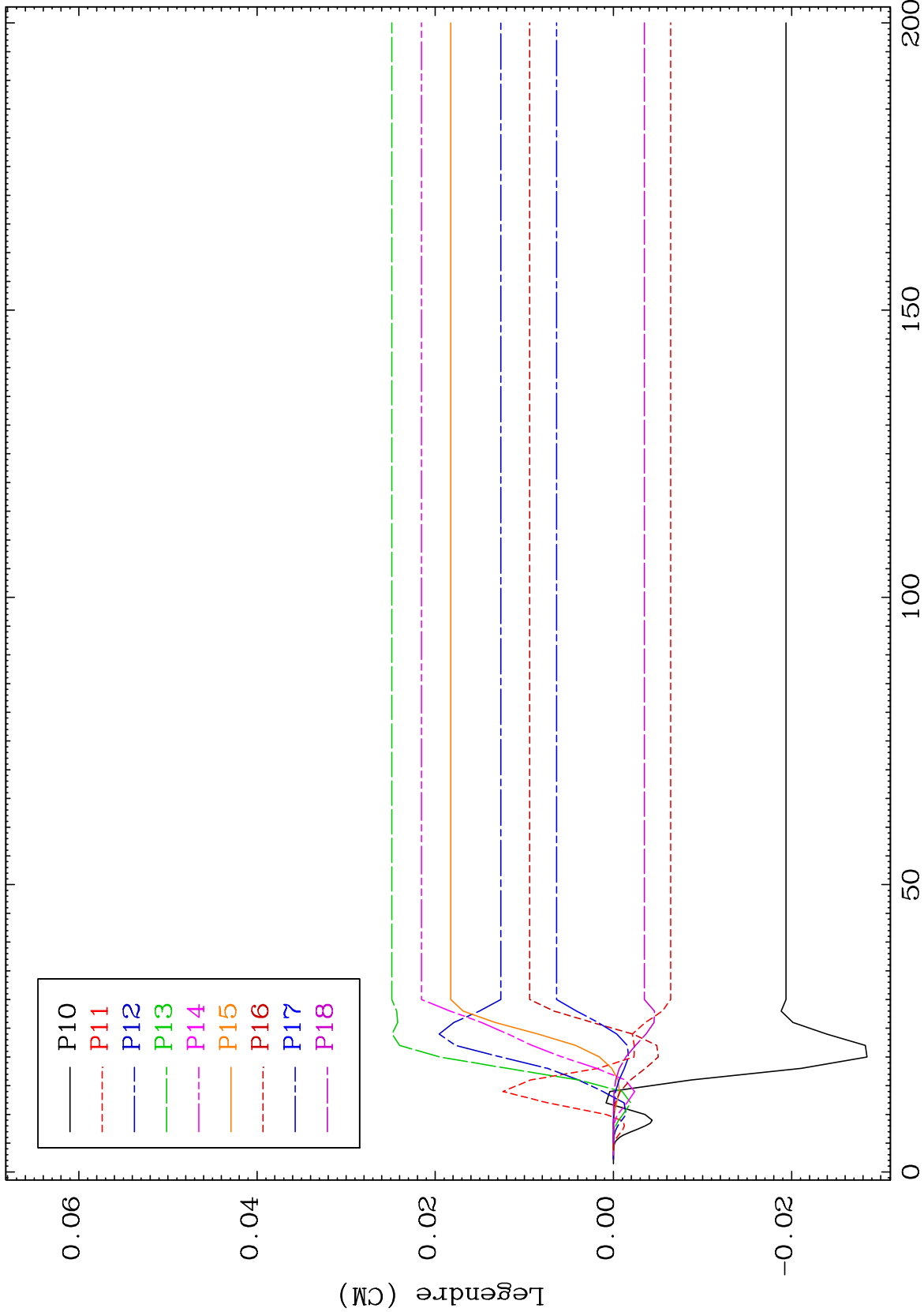


66-Dy-153

MAT 6616

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

66-Dy-153



111

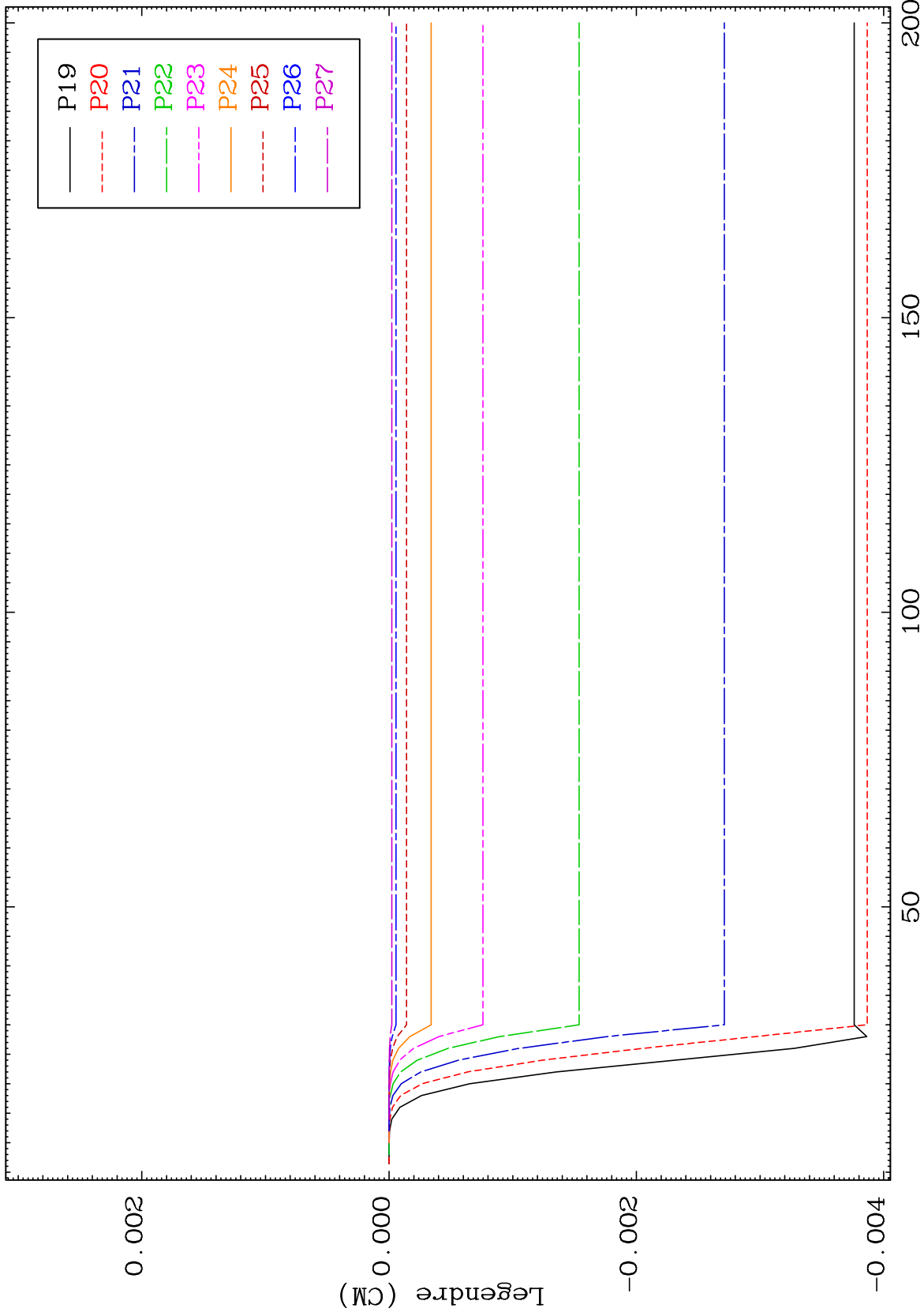
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



112

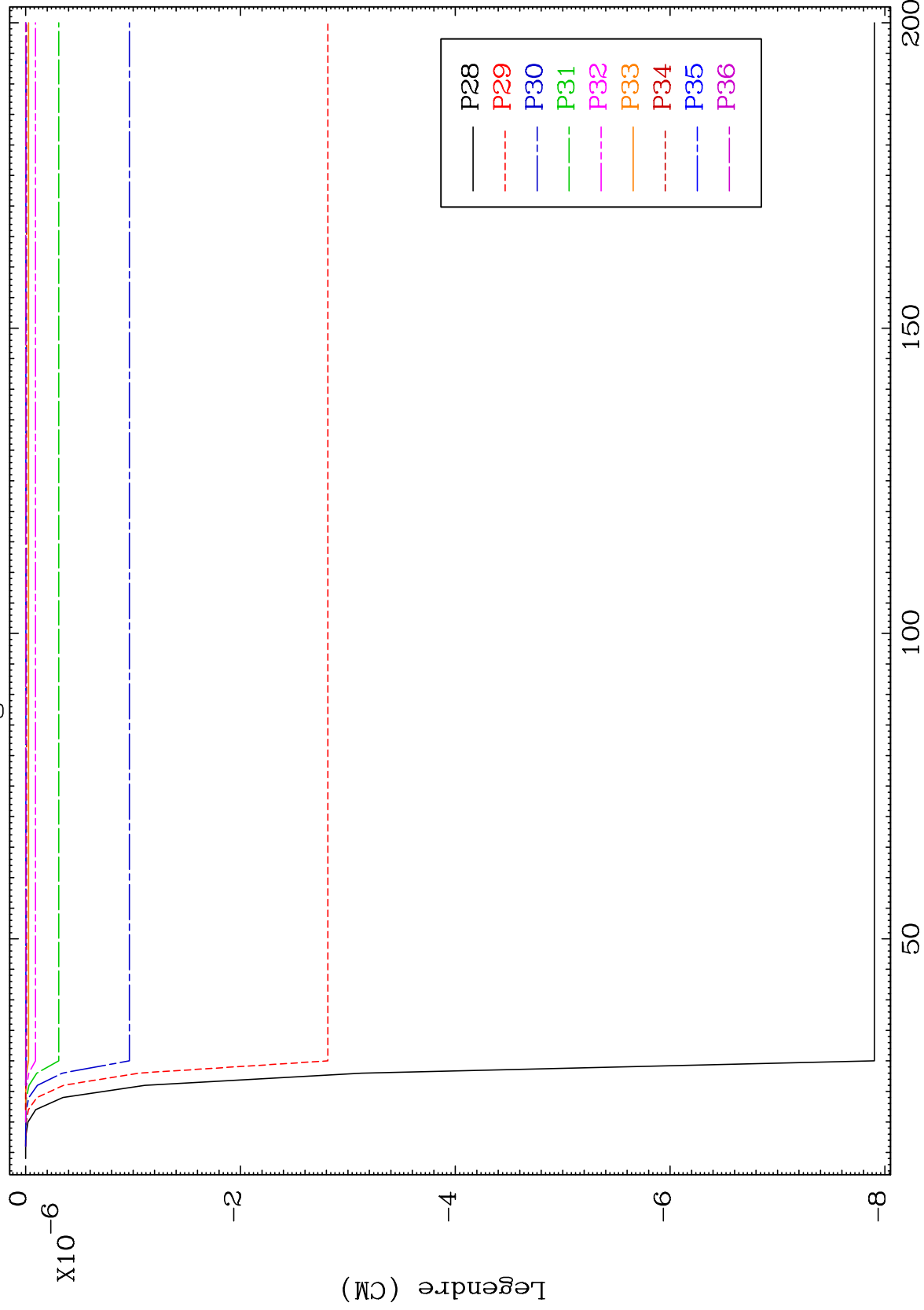
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



113

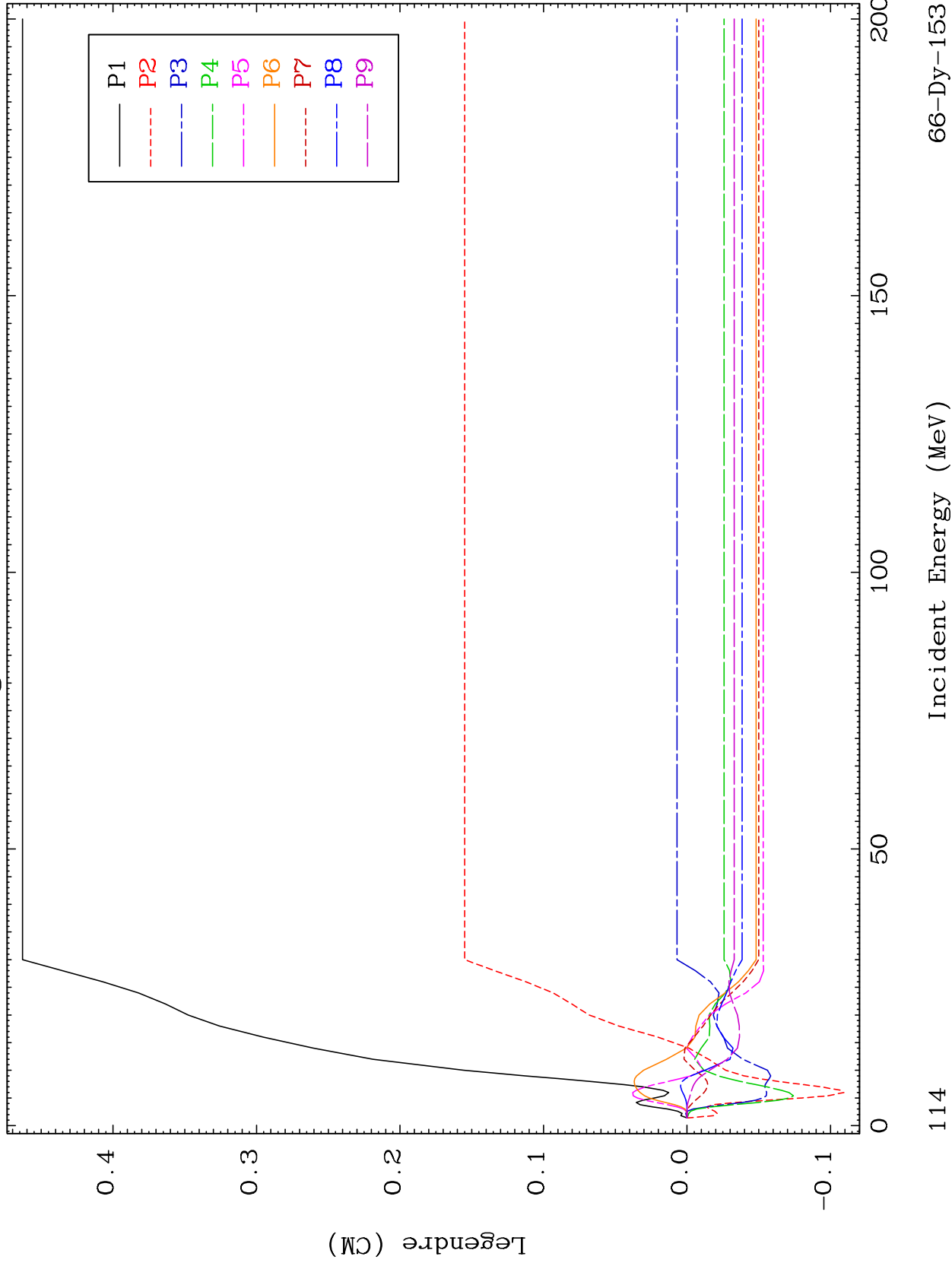
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



66-Dy-153

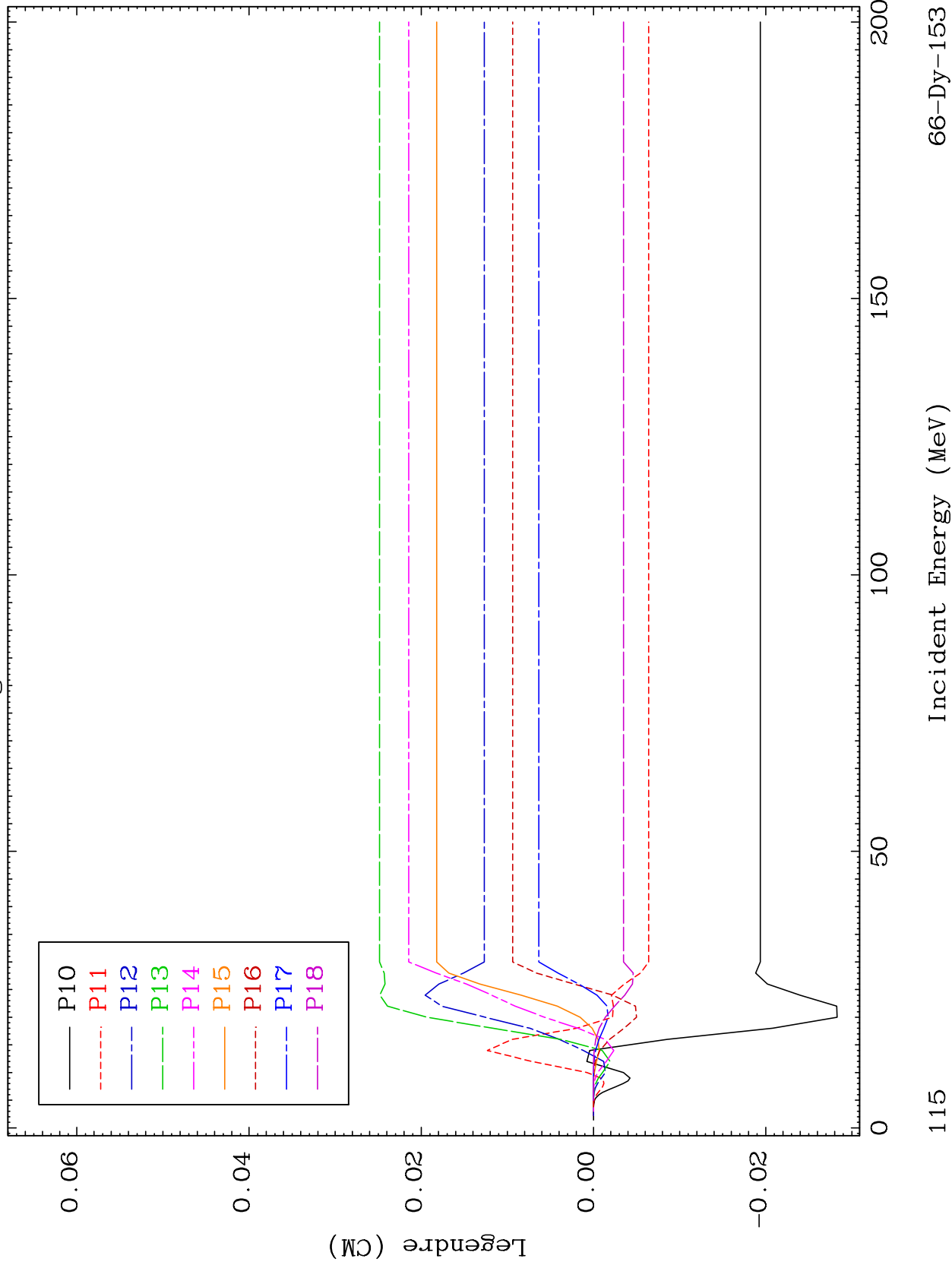
Incident Energy (MeV)

114

MAT 6616

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

66-Dy-153



66-Dy-153

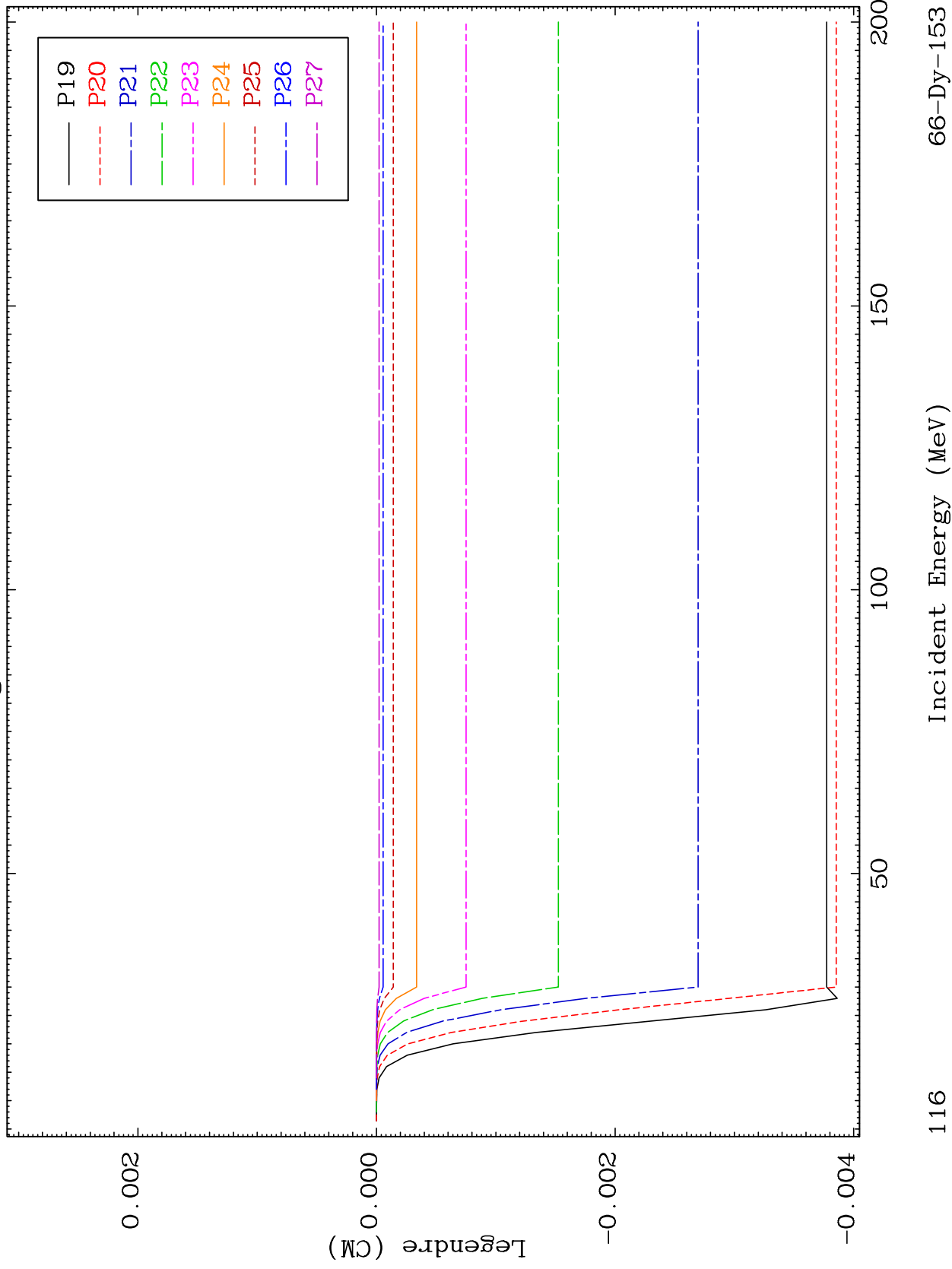
Incident Energy (MeV)

115

MAT 6616

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

66-Dy-153



116

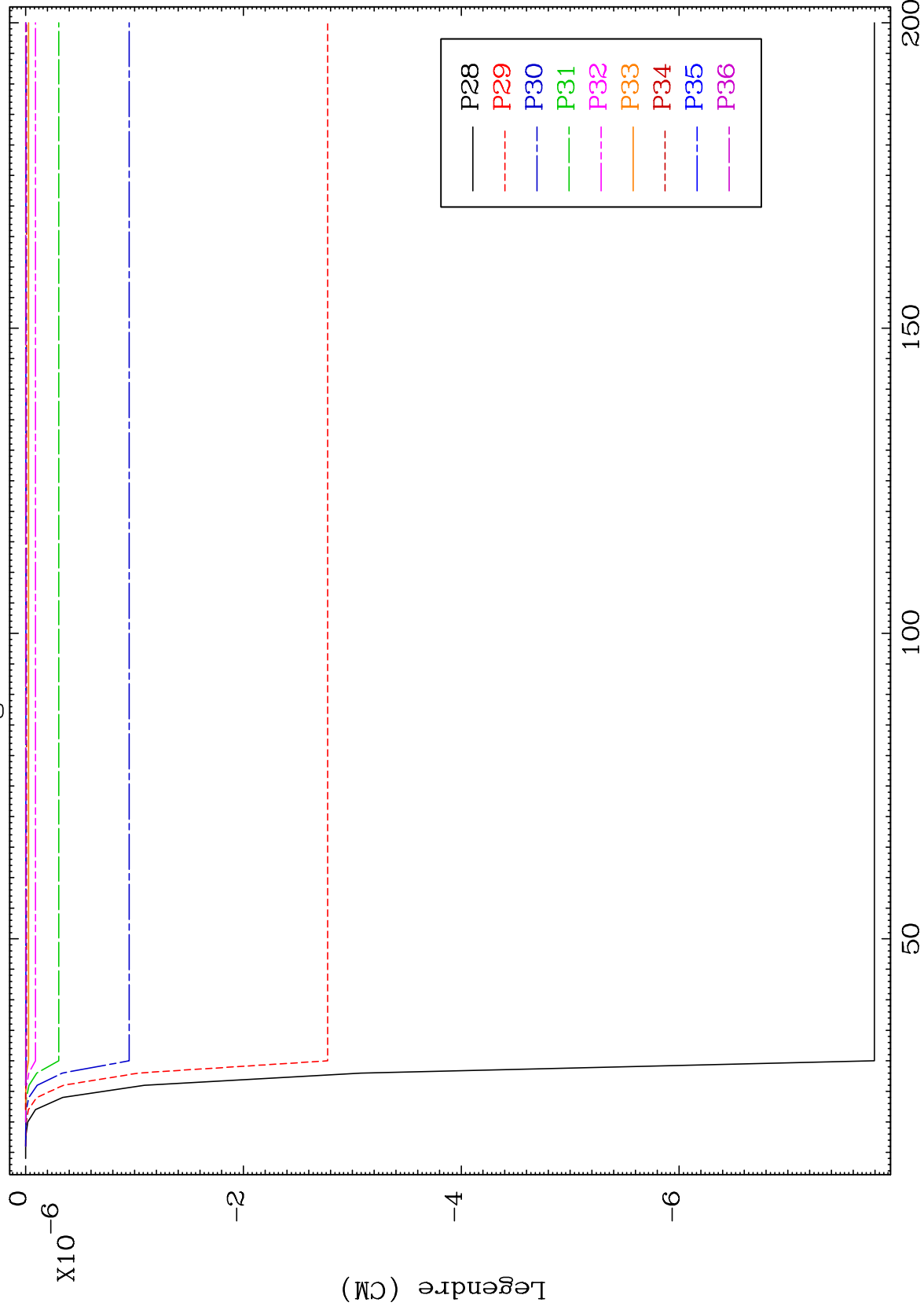
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



117

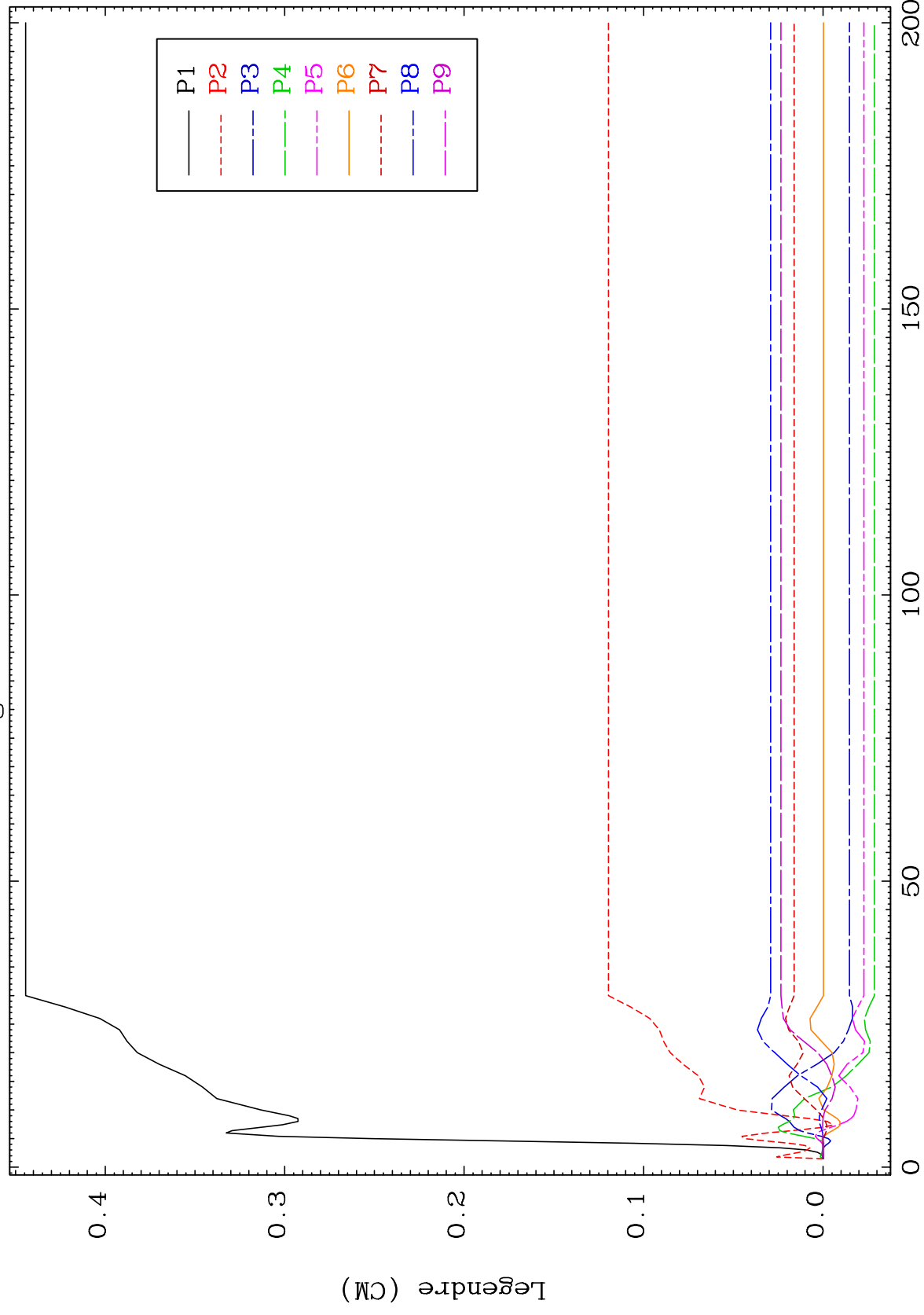
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



118

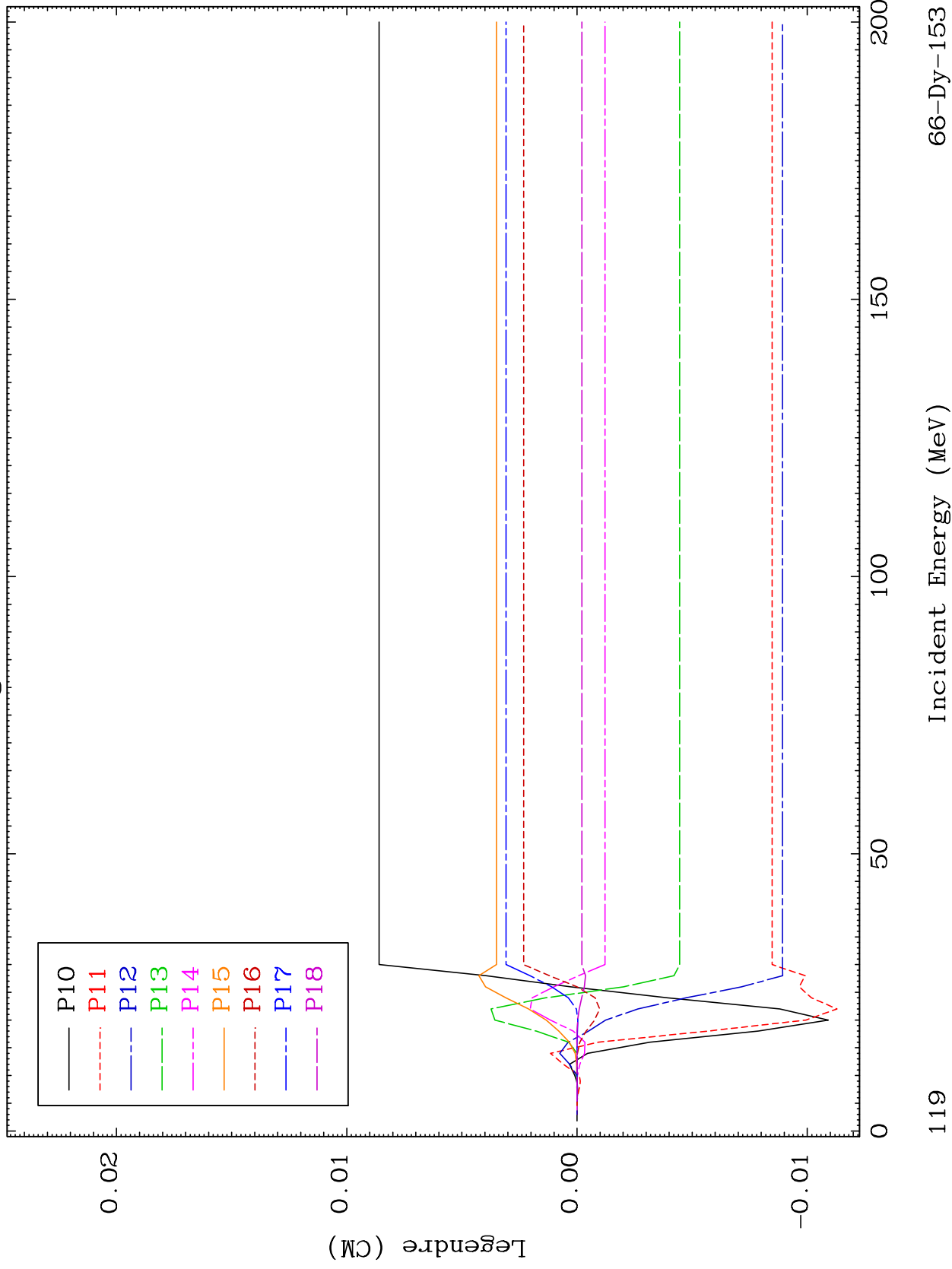
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

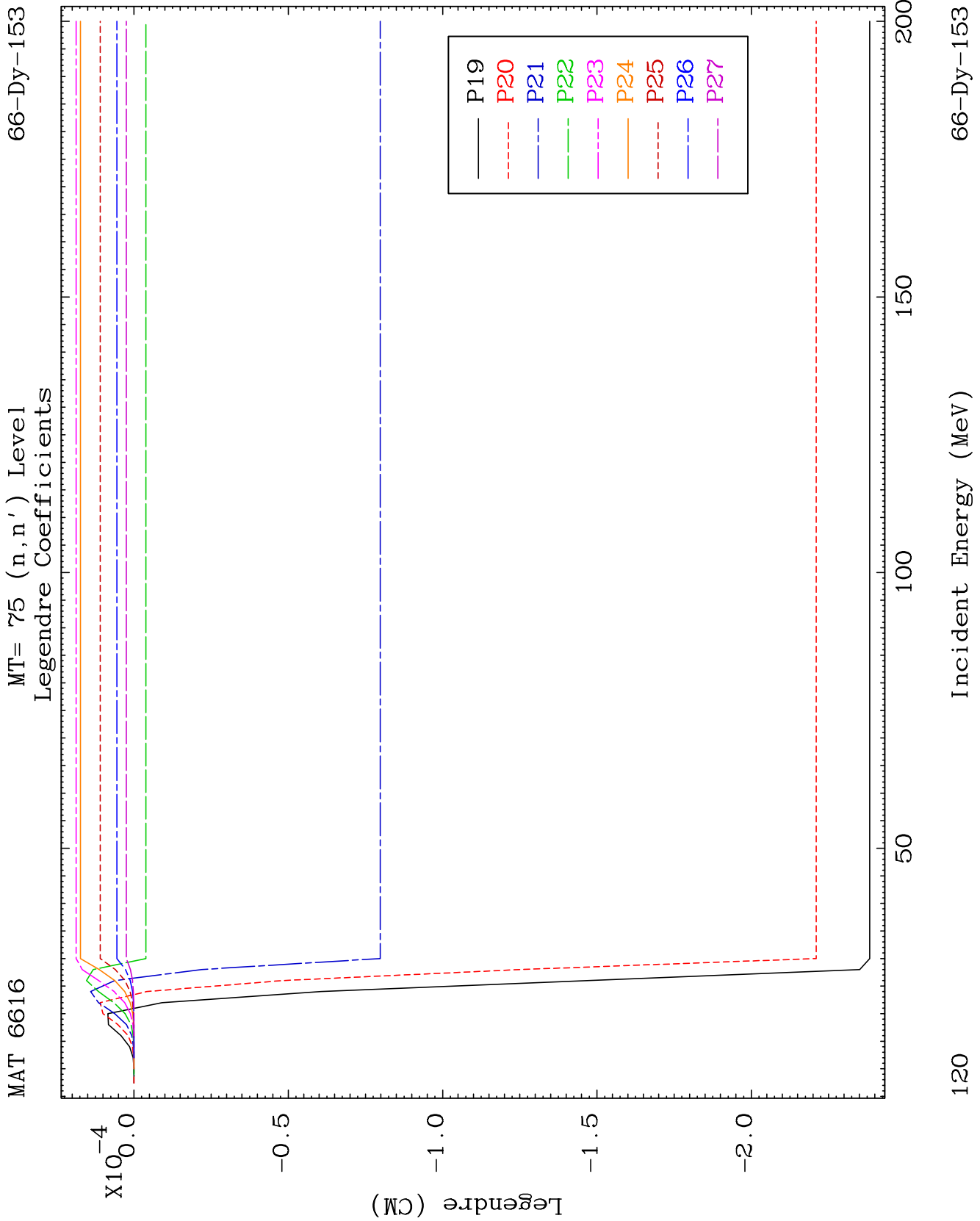
66-Dy-153



119

Incident Energy (MeV)

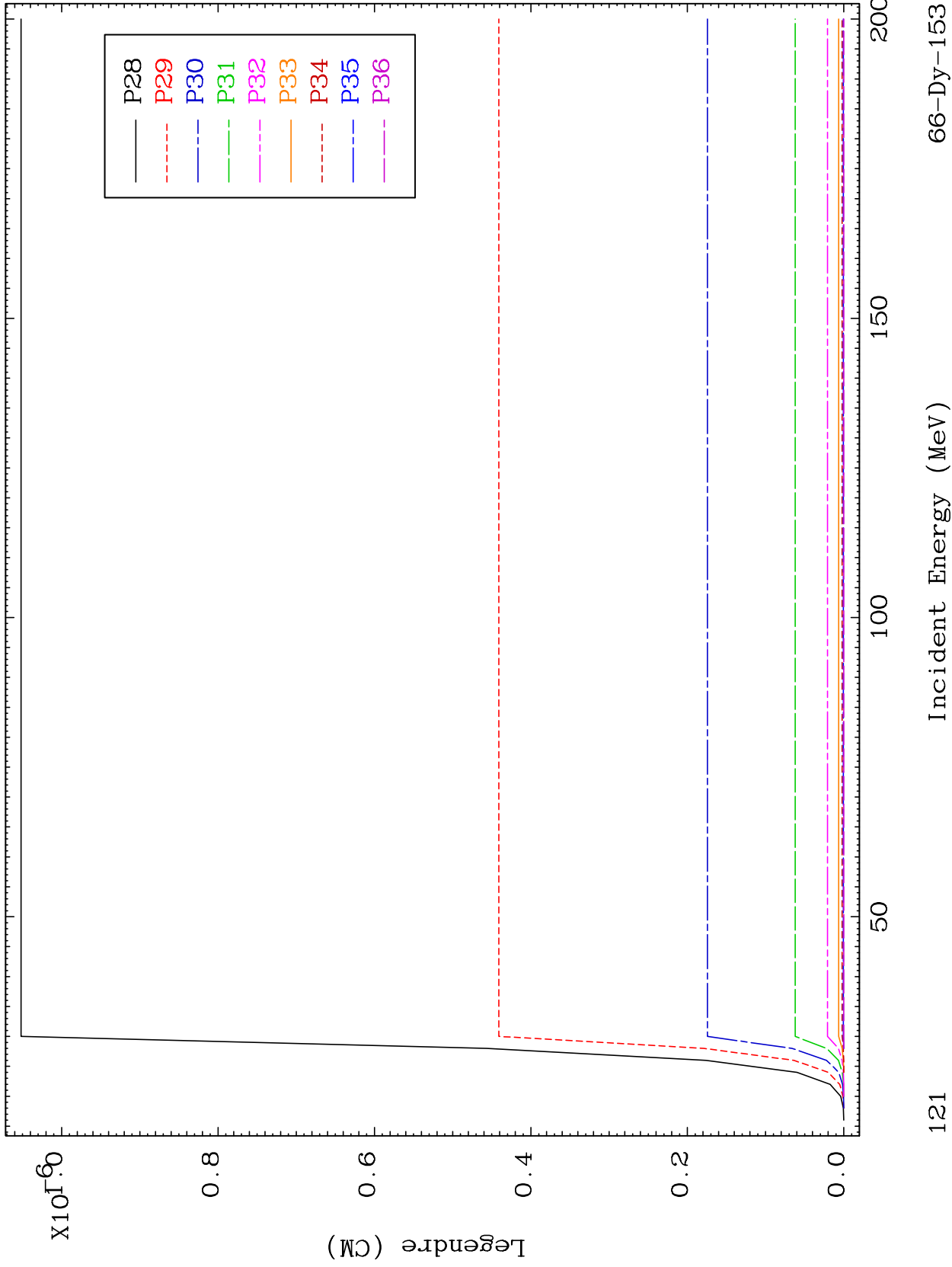
66-Dy-153



MAT 6616

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

66-Dy-153



121

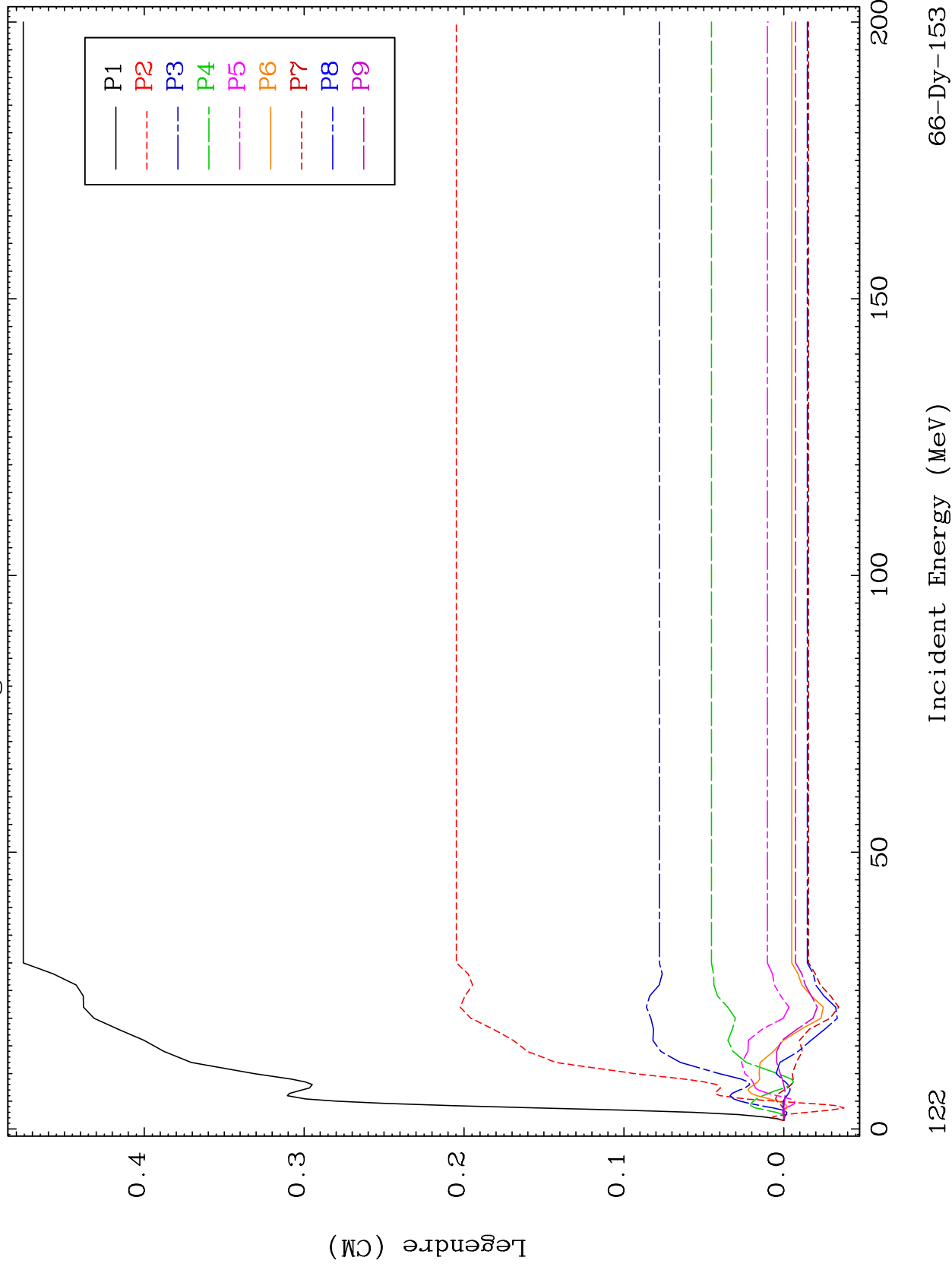
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

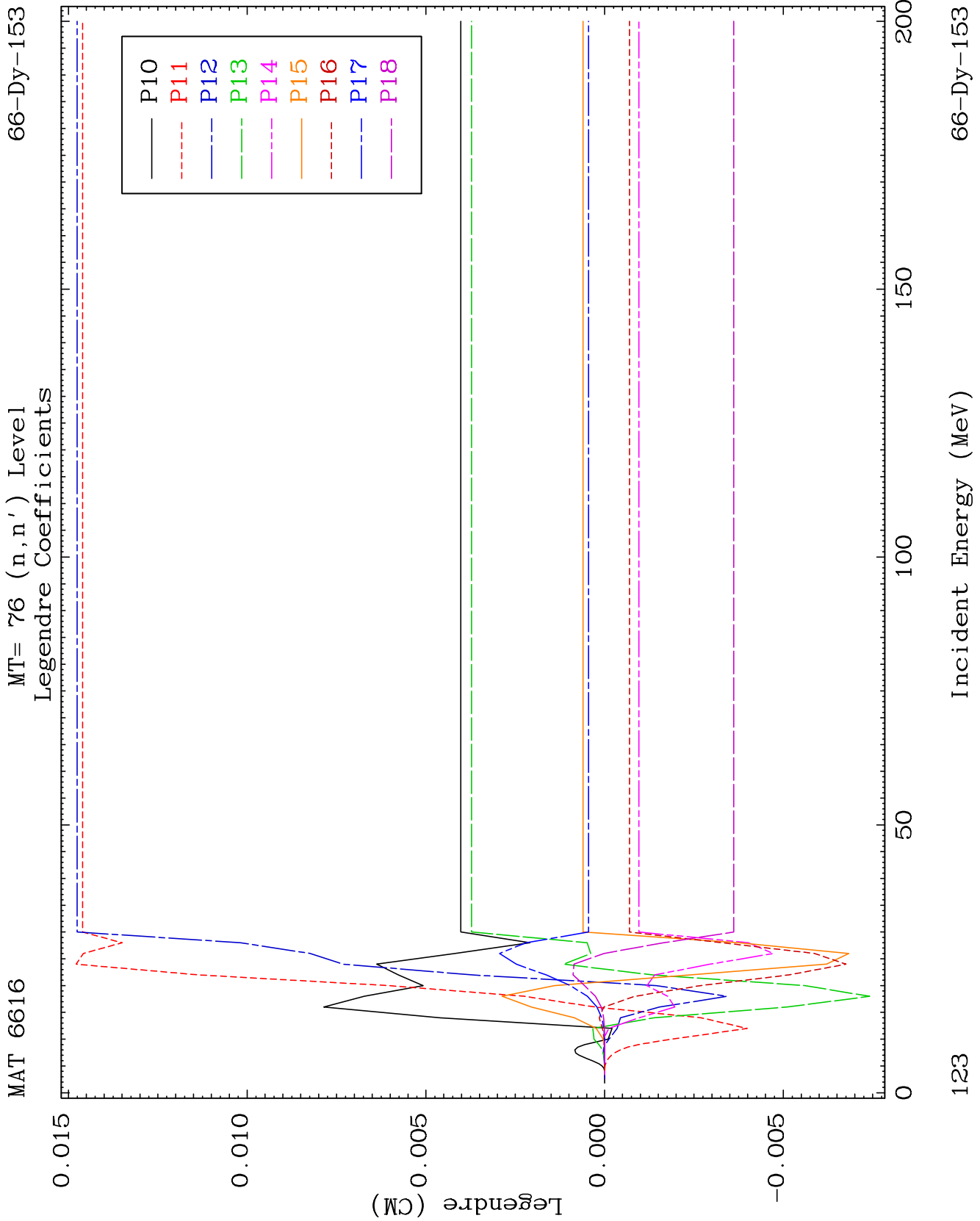
66-Dy-153

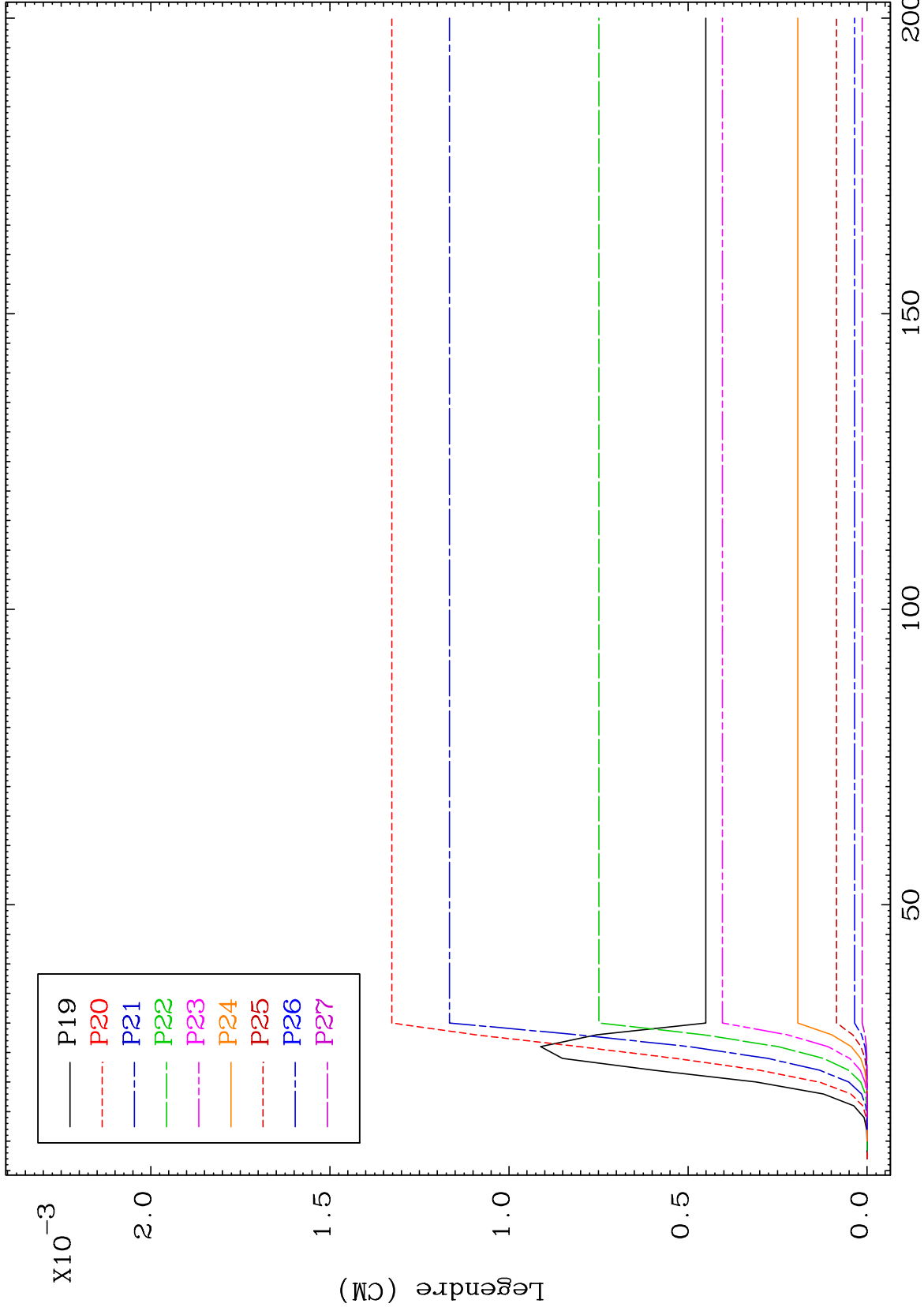


66-Dy-153

Incident Energy (MeV)

122

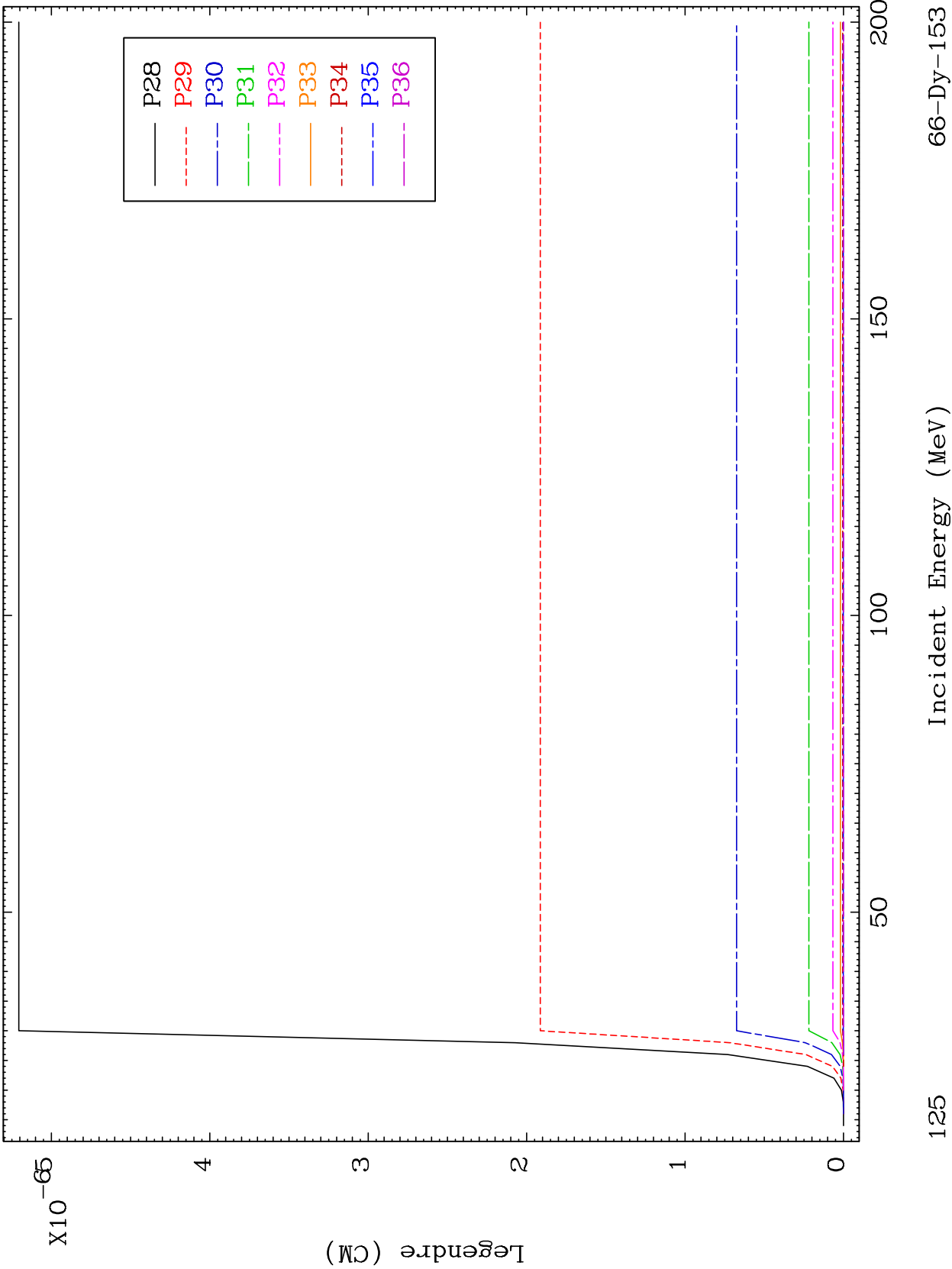




MAT 6616

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

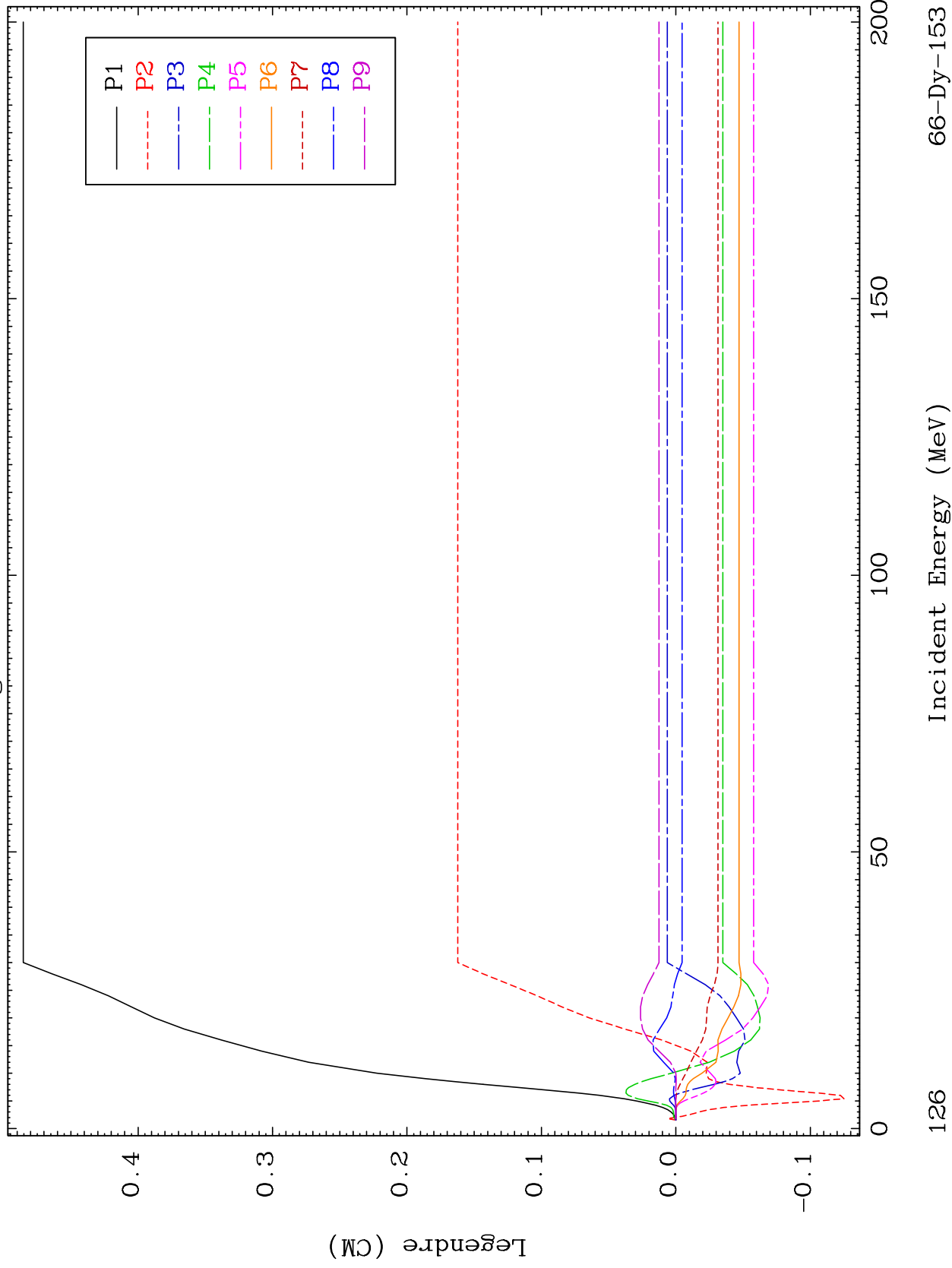
66-Dy-153



MAT 6616

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

66-Dy-153



126

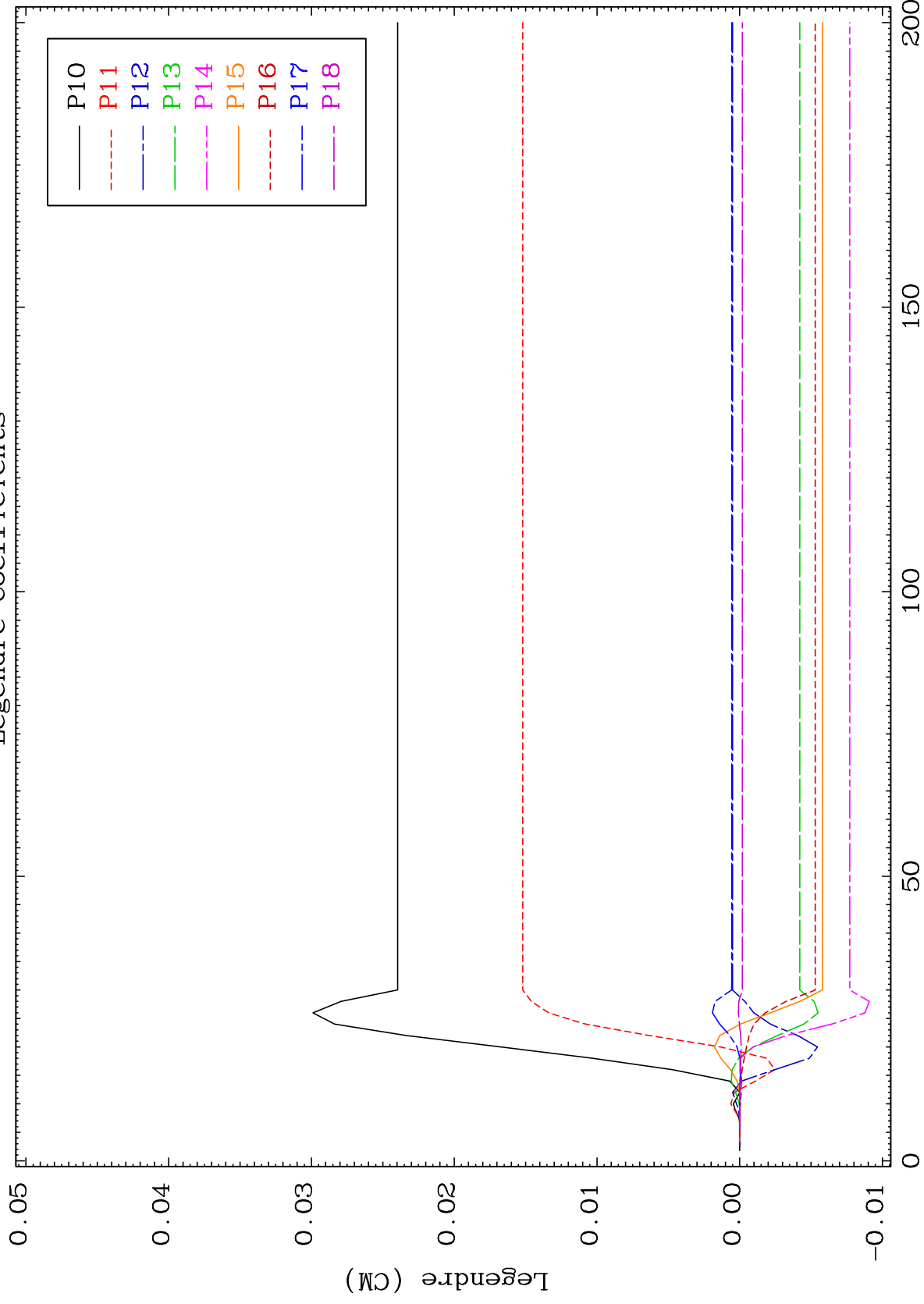
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



127

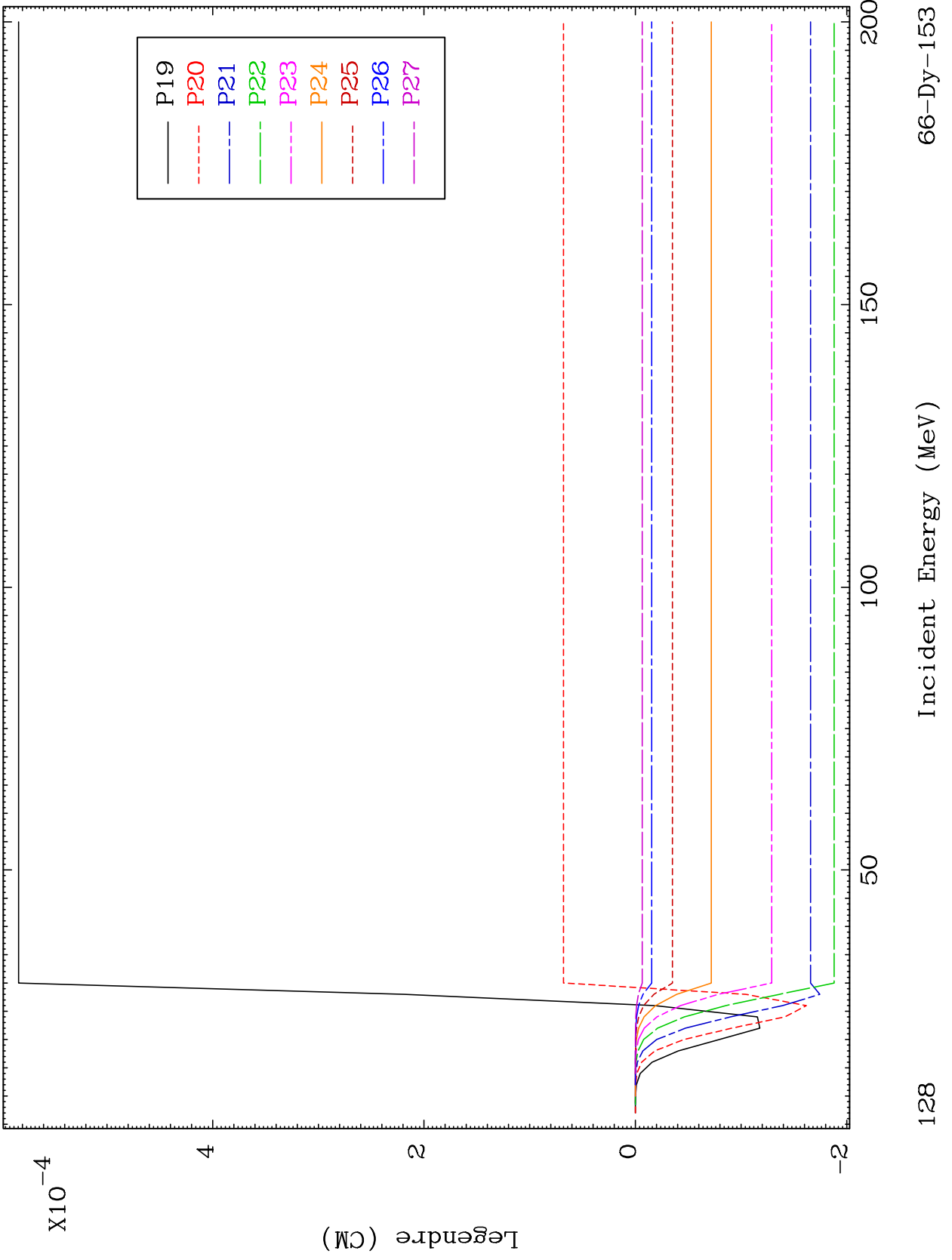
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



128

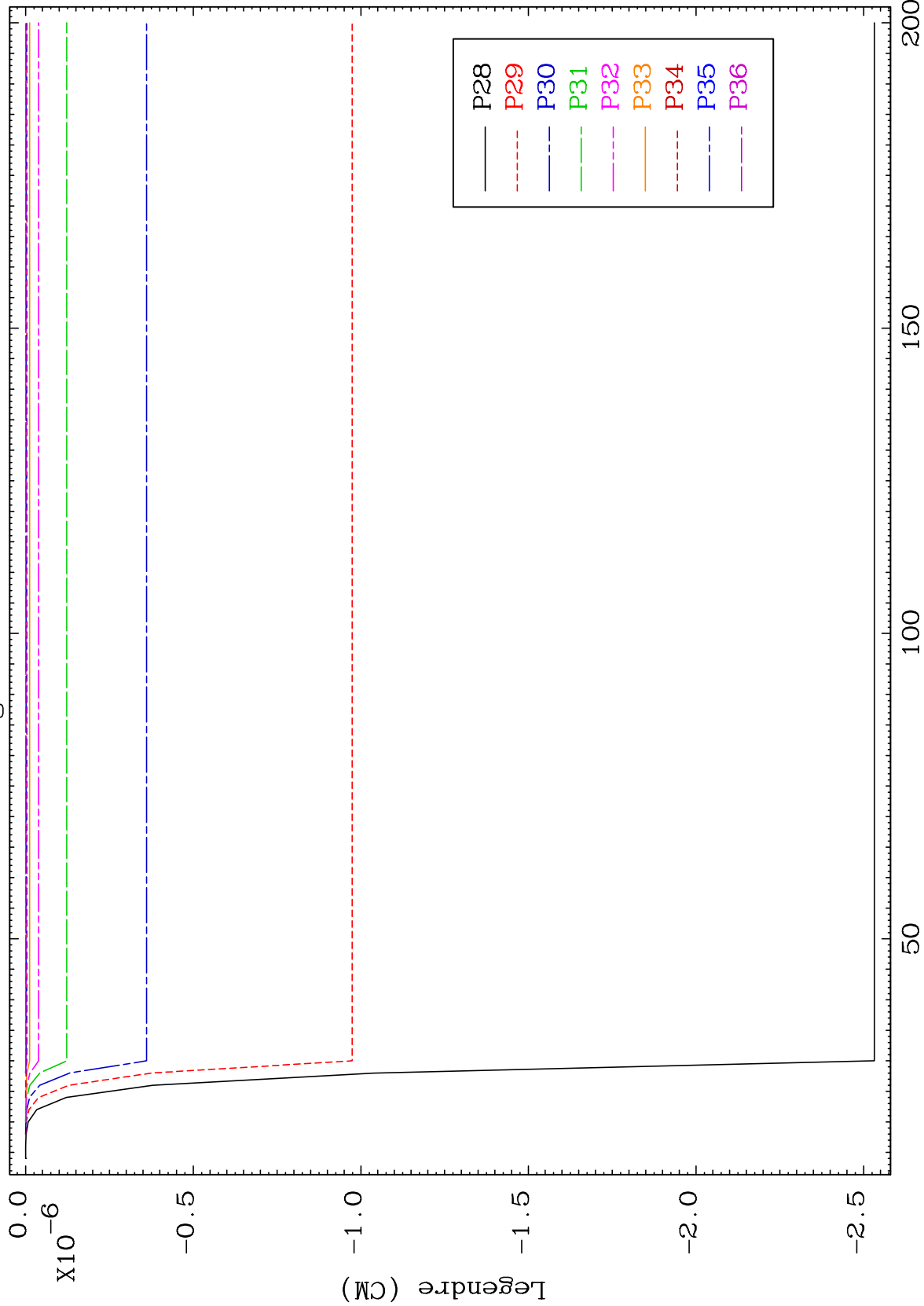
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



129

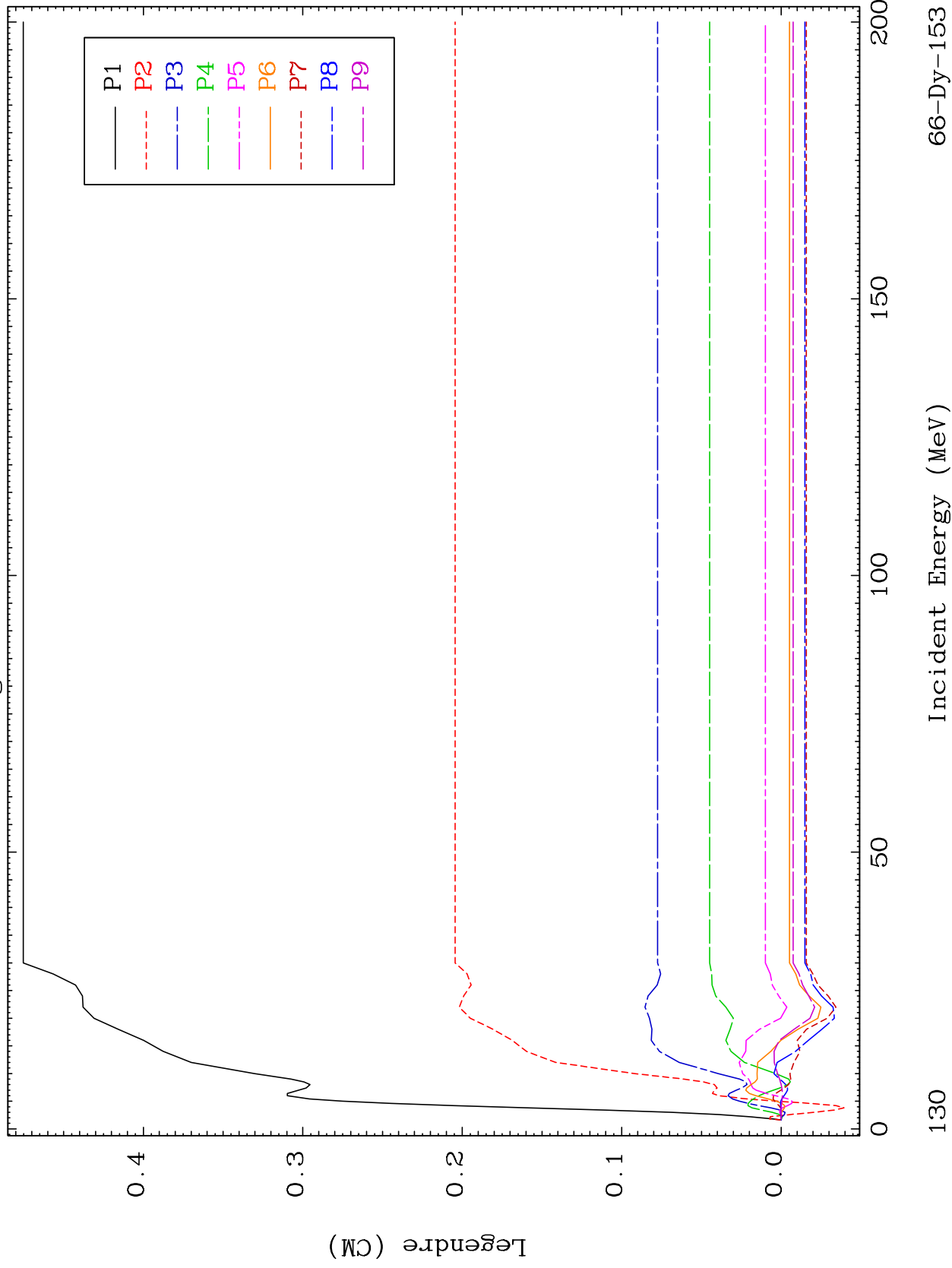
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

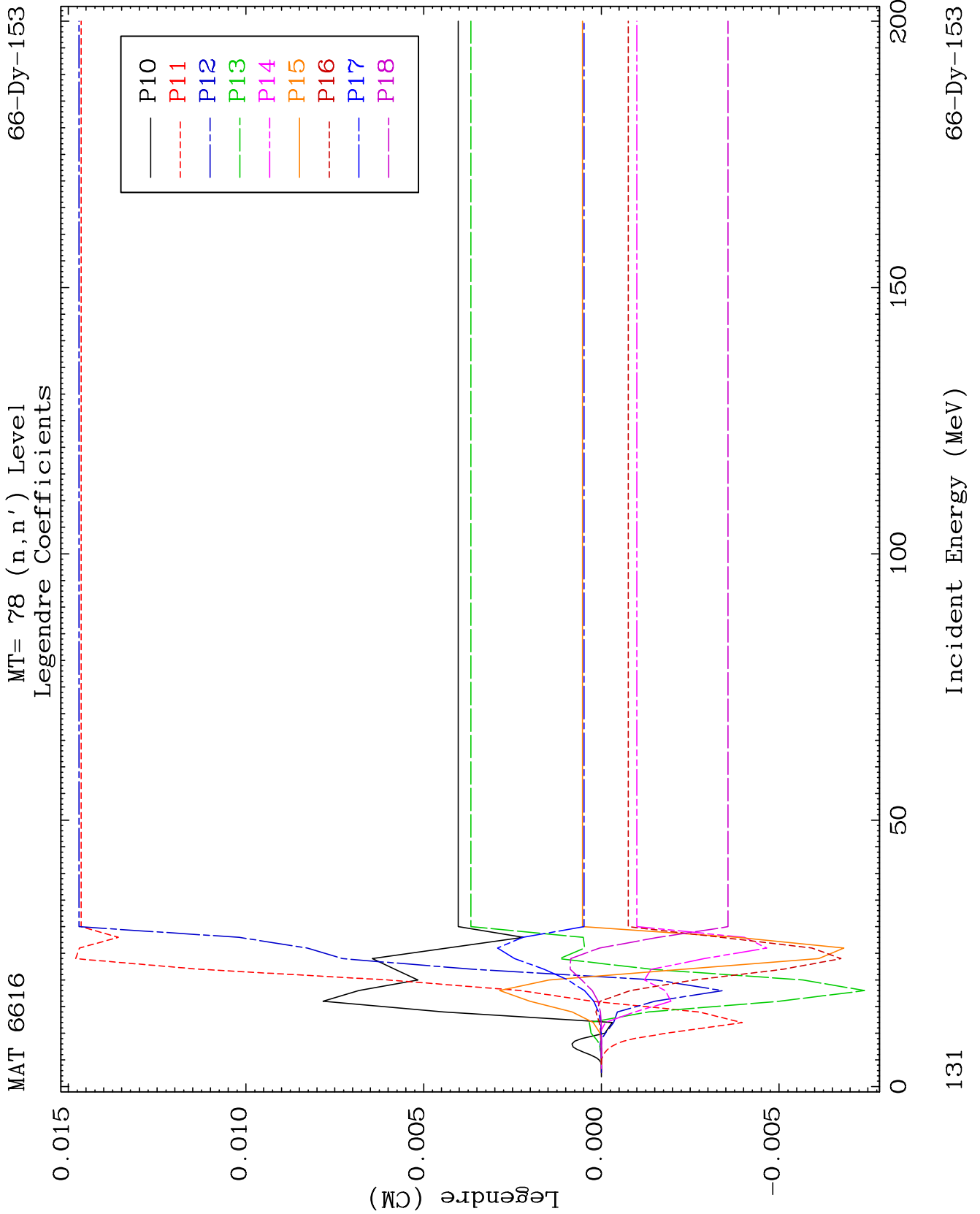
66-Dy-153



66-Dy-153

Incident Energy (MeV)

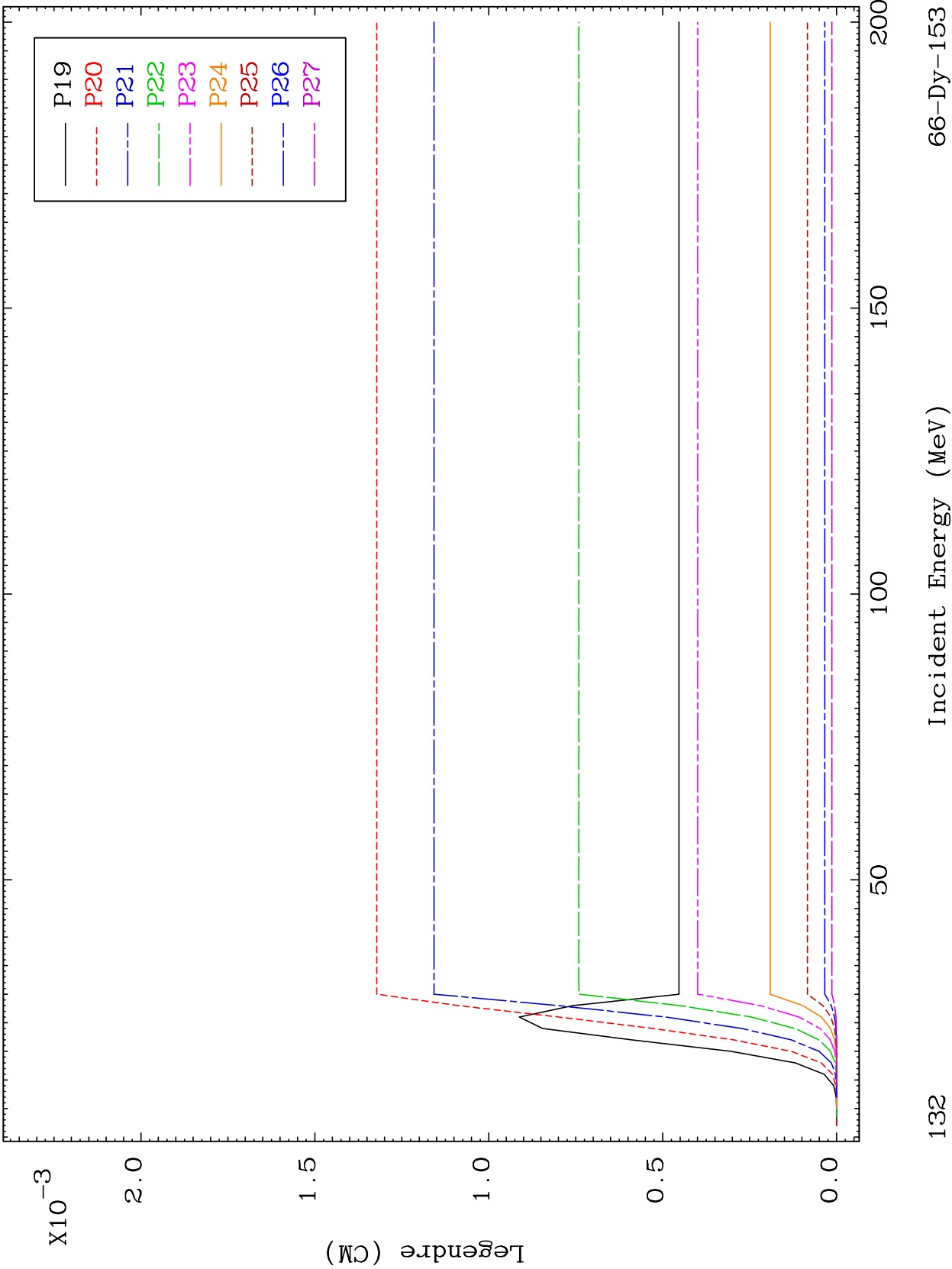
130



MAT 6616

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

66-Dy-153



132

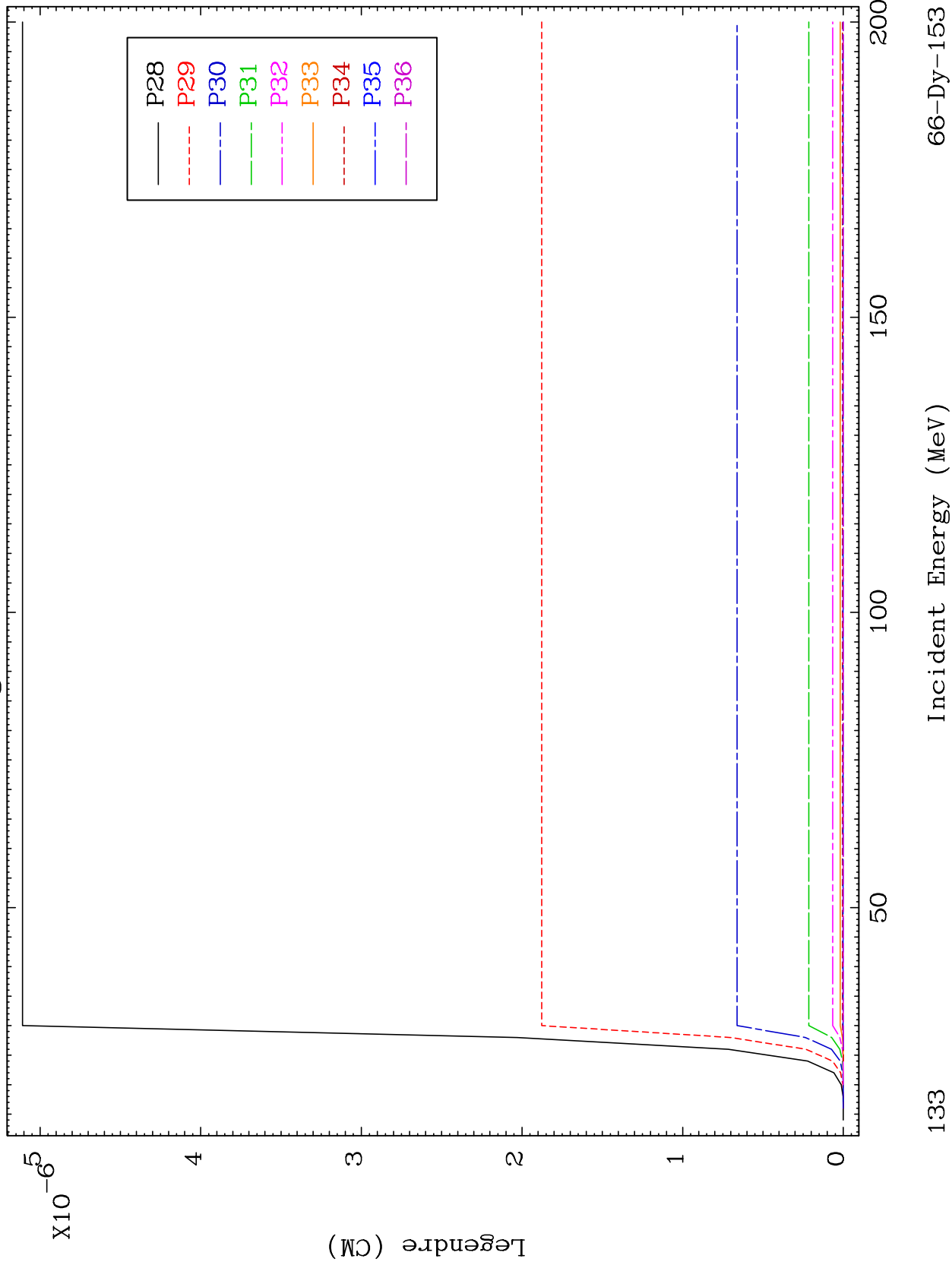
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



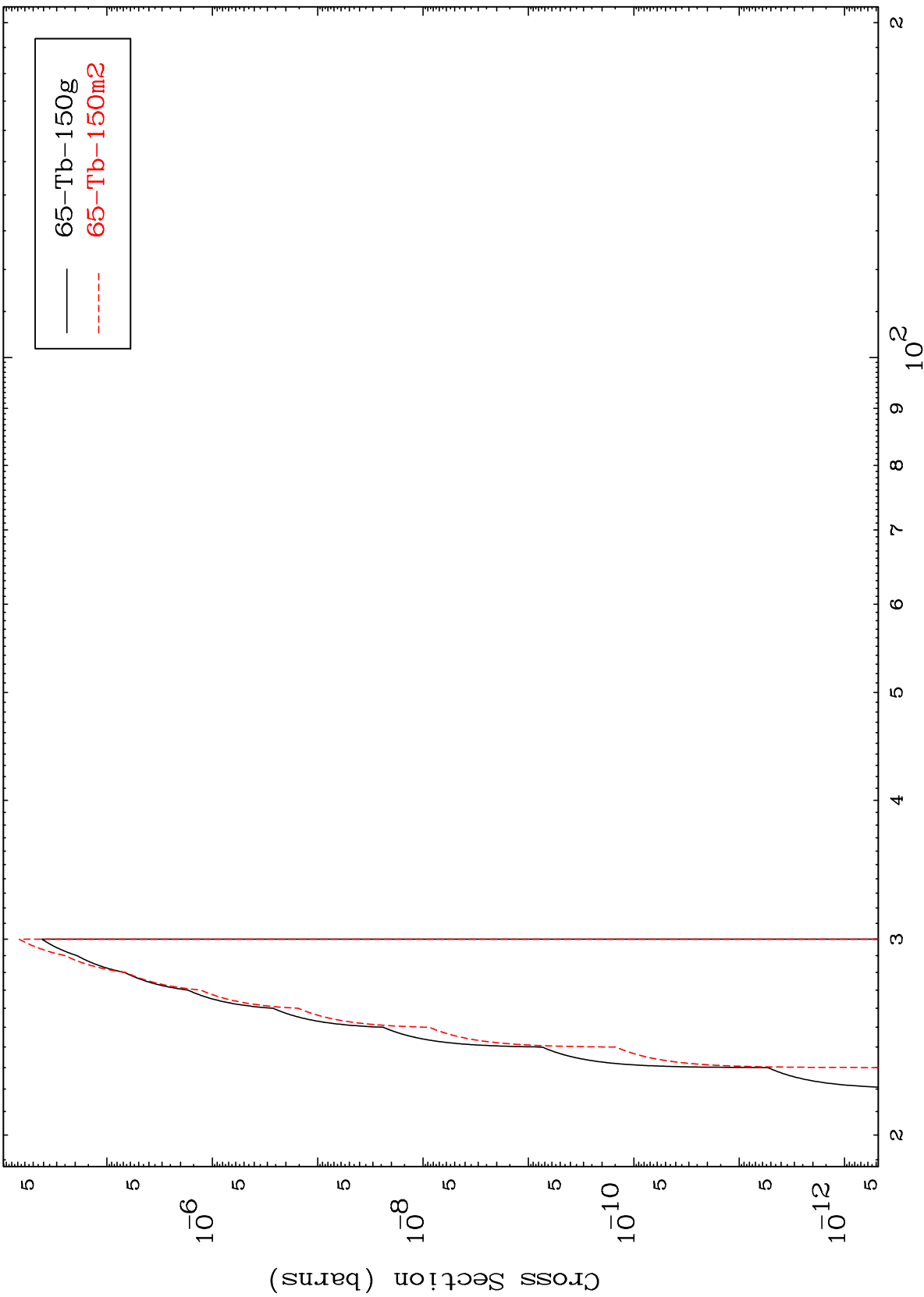
133

MAT 6616

(n,2n) d

66-Dy-153

Radionuclide Production Cross Section



134

Incident Energy (MeV)

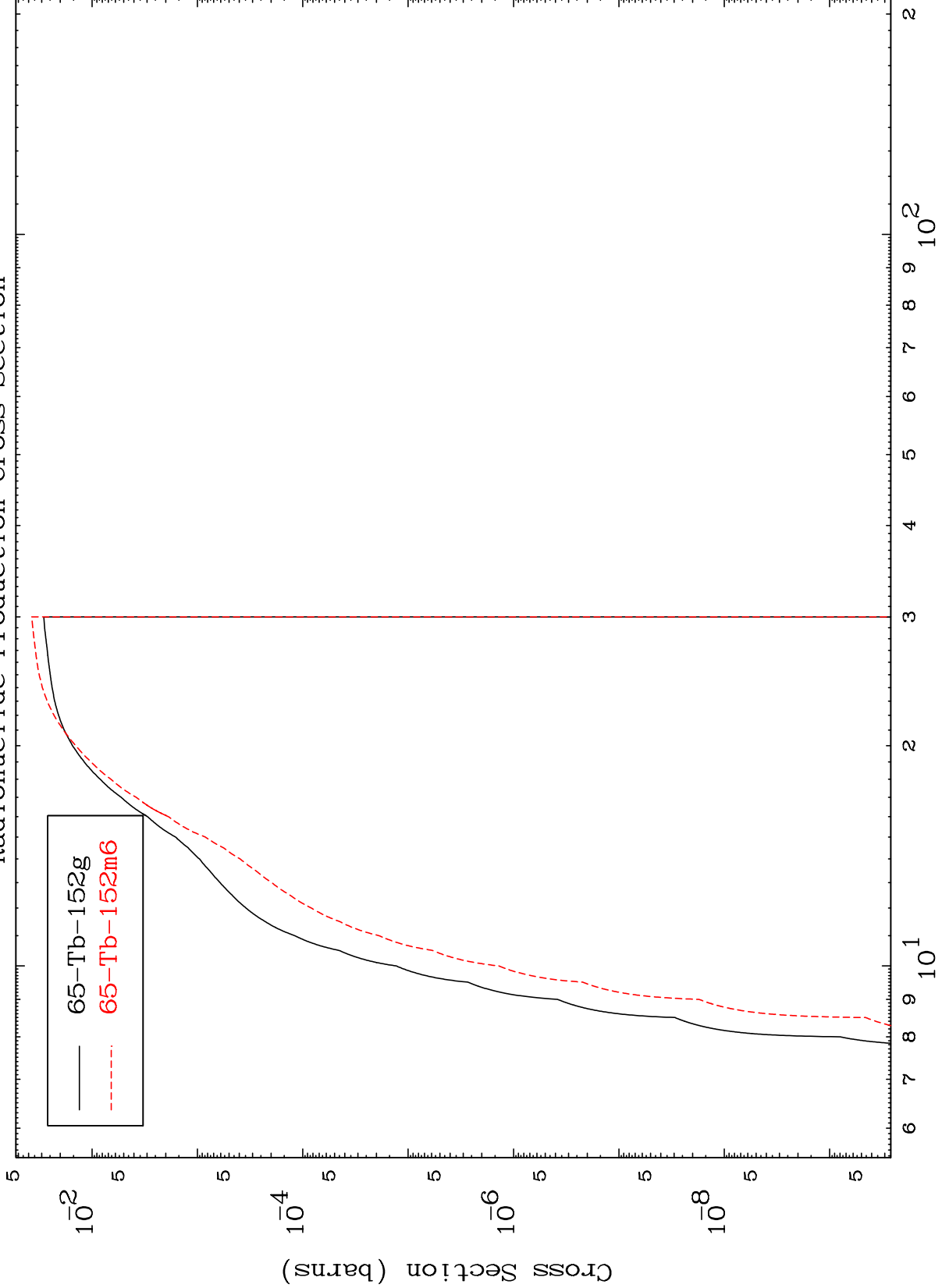
66-Dy-153

MAT 6616

(n,n') p

66-Dy-153

Radionuclide Production Cross Section



65-Tb-152g
65-Tb-152m6

135

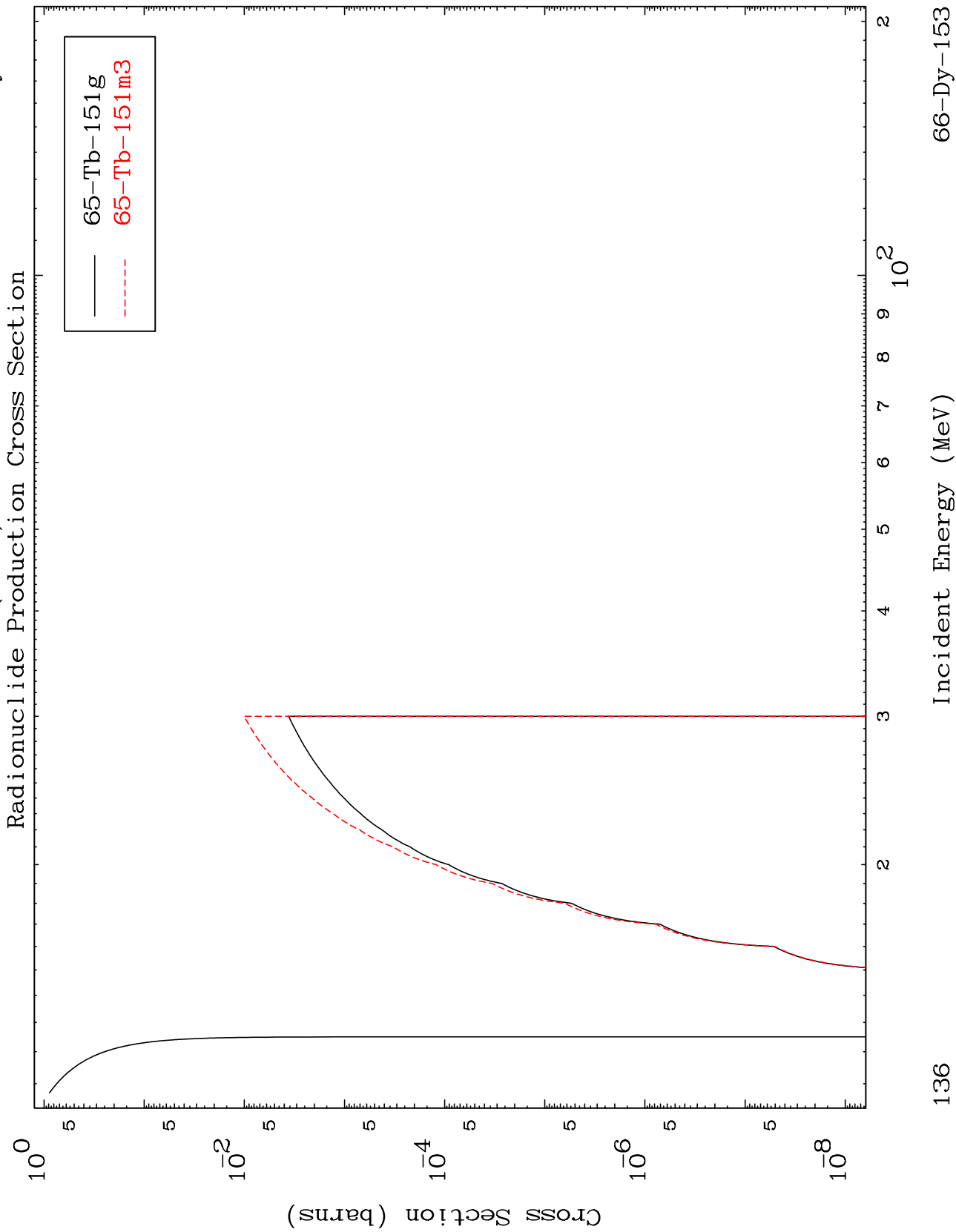
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,n') d

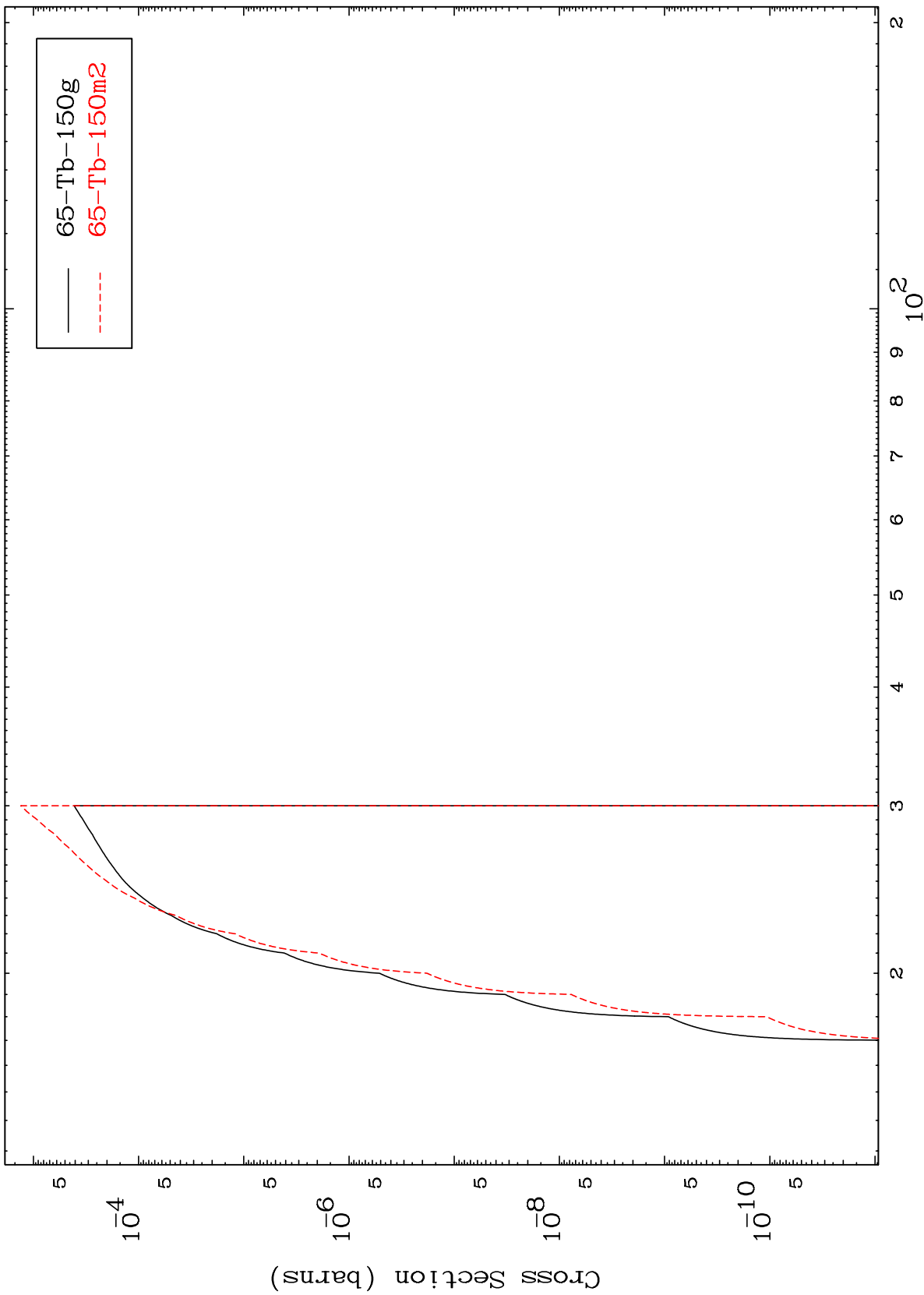
66-Dy-153



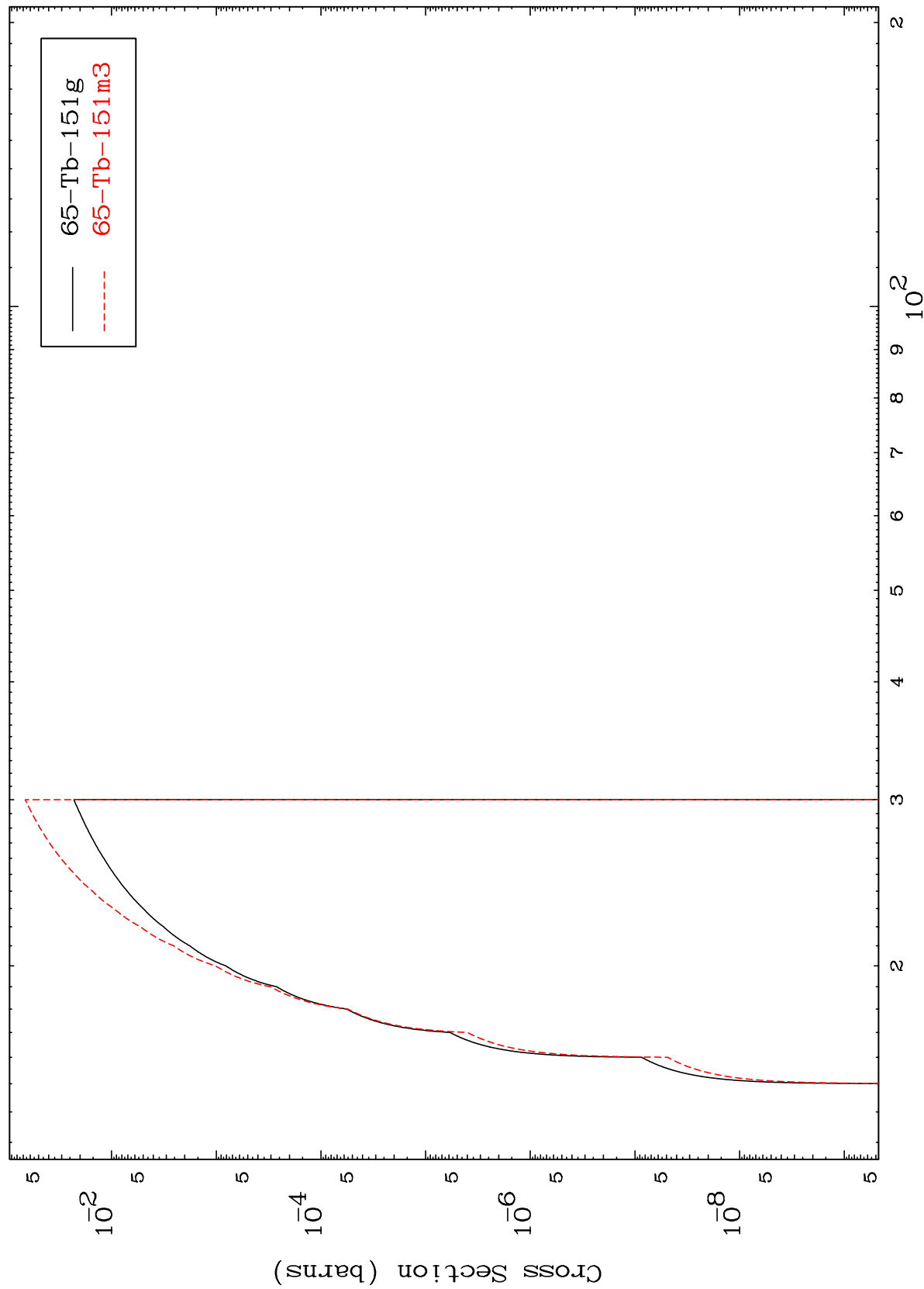
136

66-Dy-153

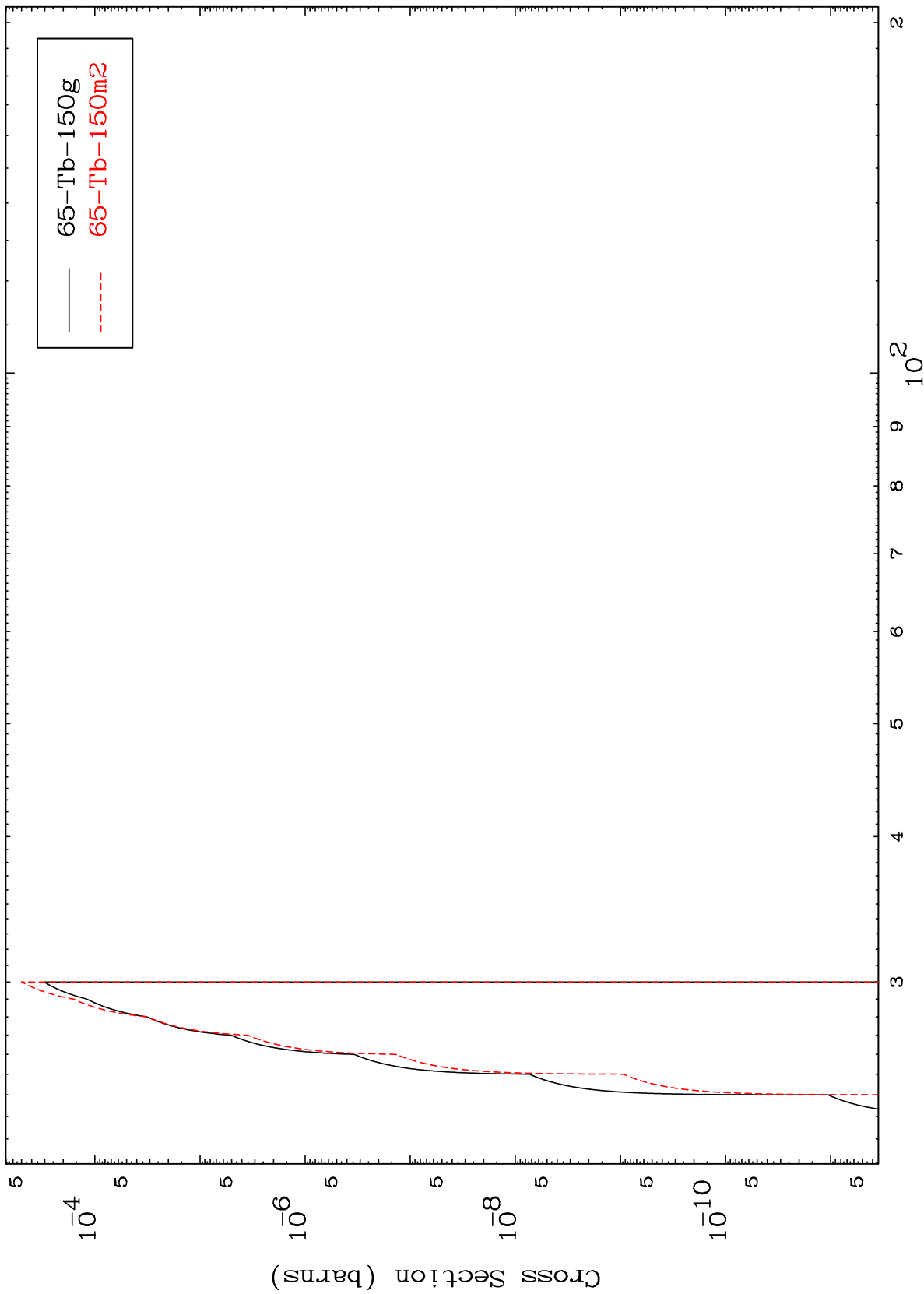
Radionuclide Production Cross Section



Radionuclide Production Cross Section



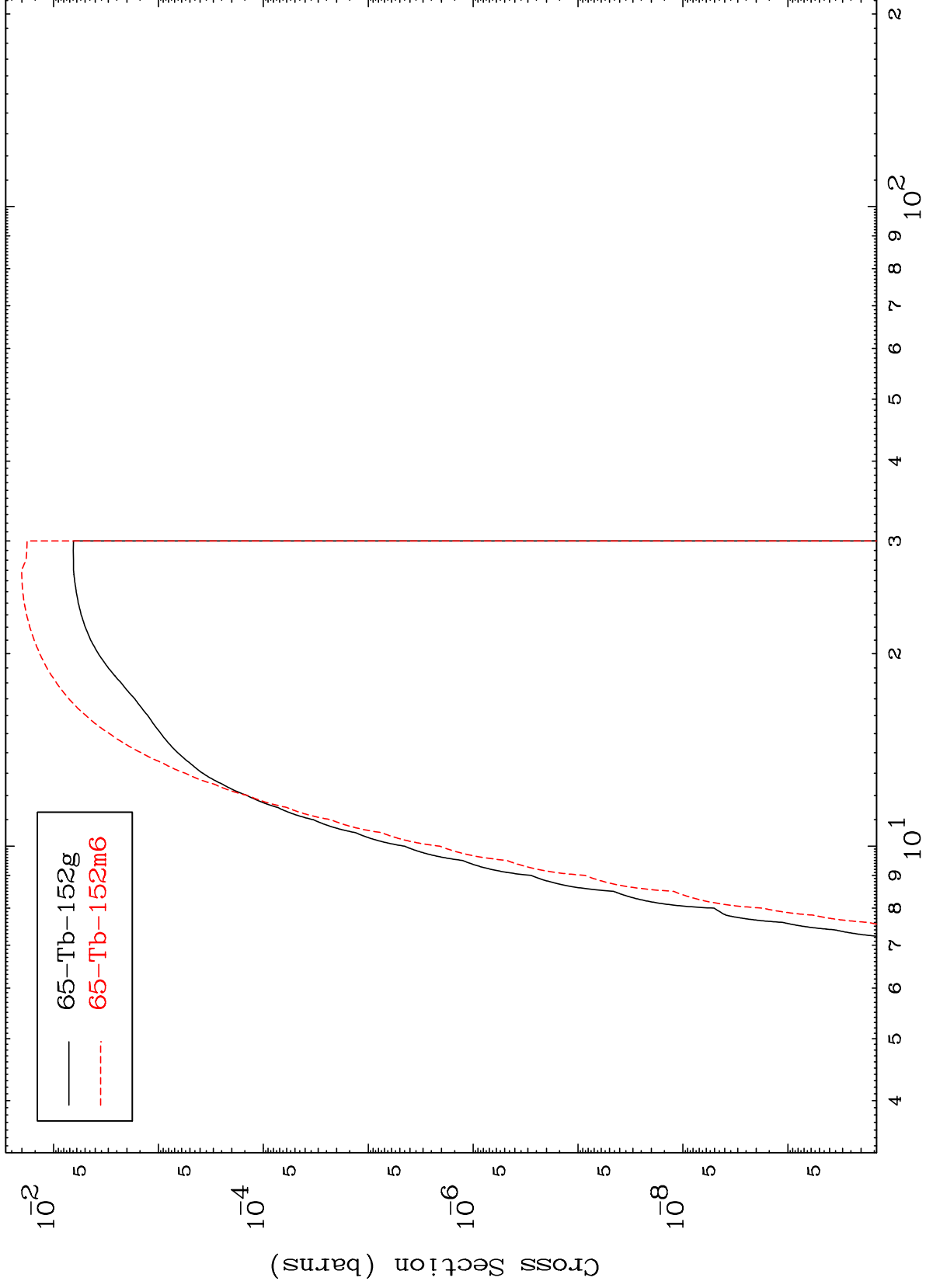
Radionuclide Production Cross Section



MAT 6616

66-Dy-153

(n,d)
Radionuclide Production Cross Section



140

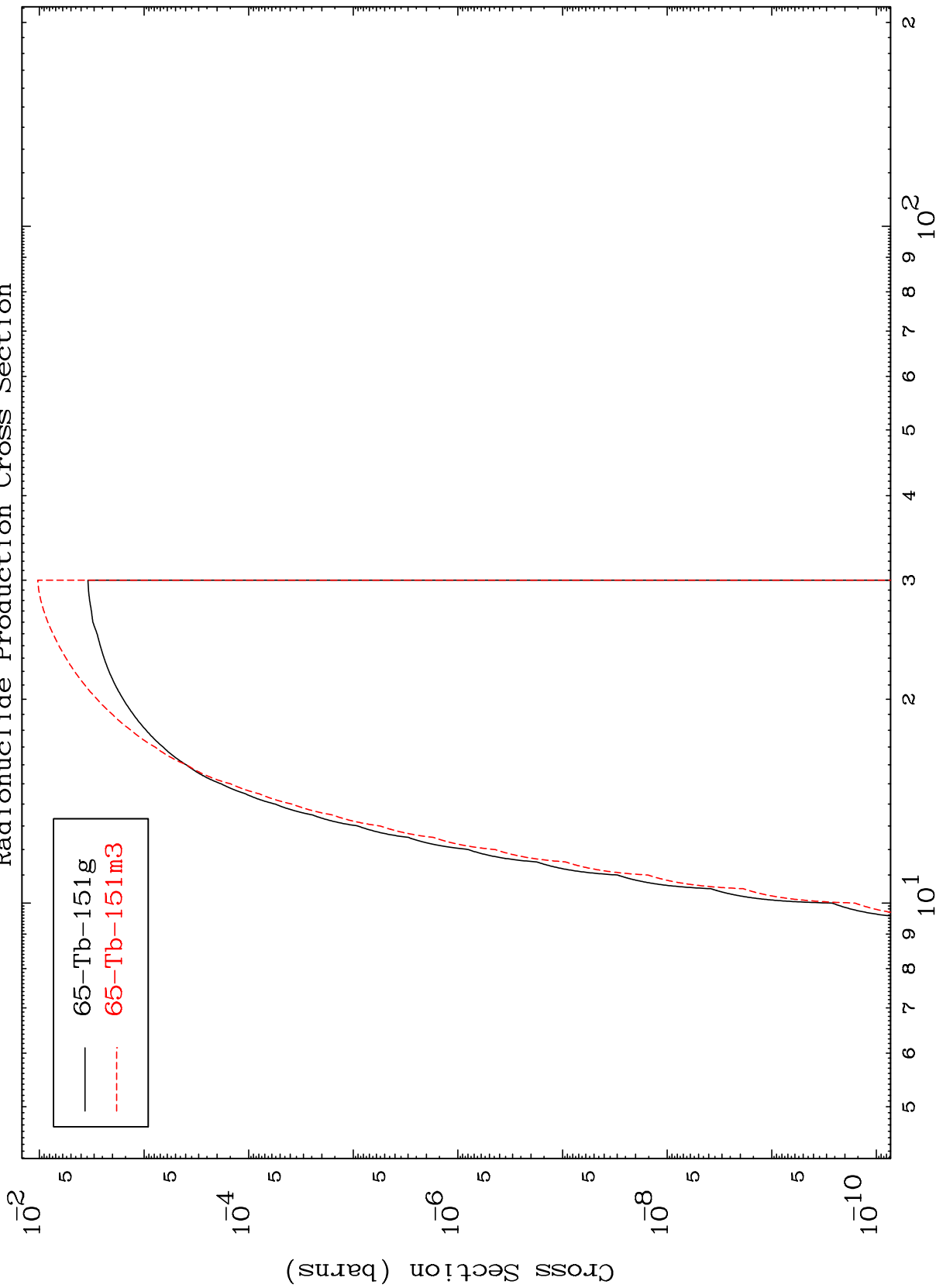
Incident Energy (MeV)

66-Dy-153

MAT 6616

66-Dy-153

Radionuclide Production Cross Section (n, t)



65-Tb-151g
65-Tb-151m3

66-Dy-153

Incident Energy (MeV)

141