

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

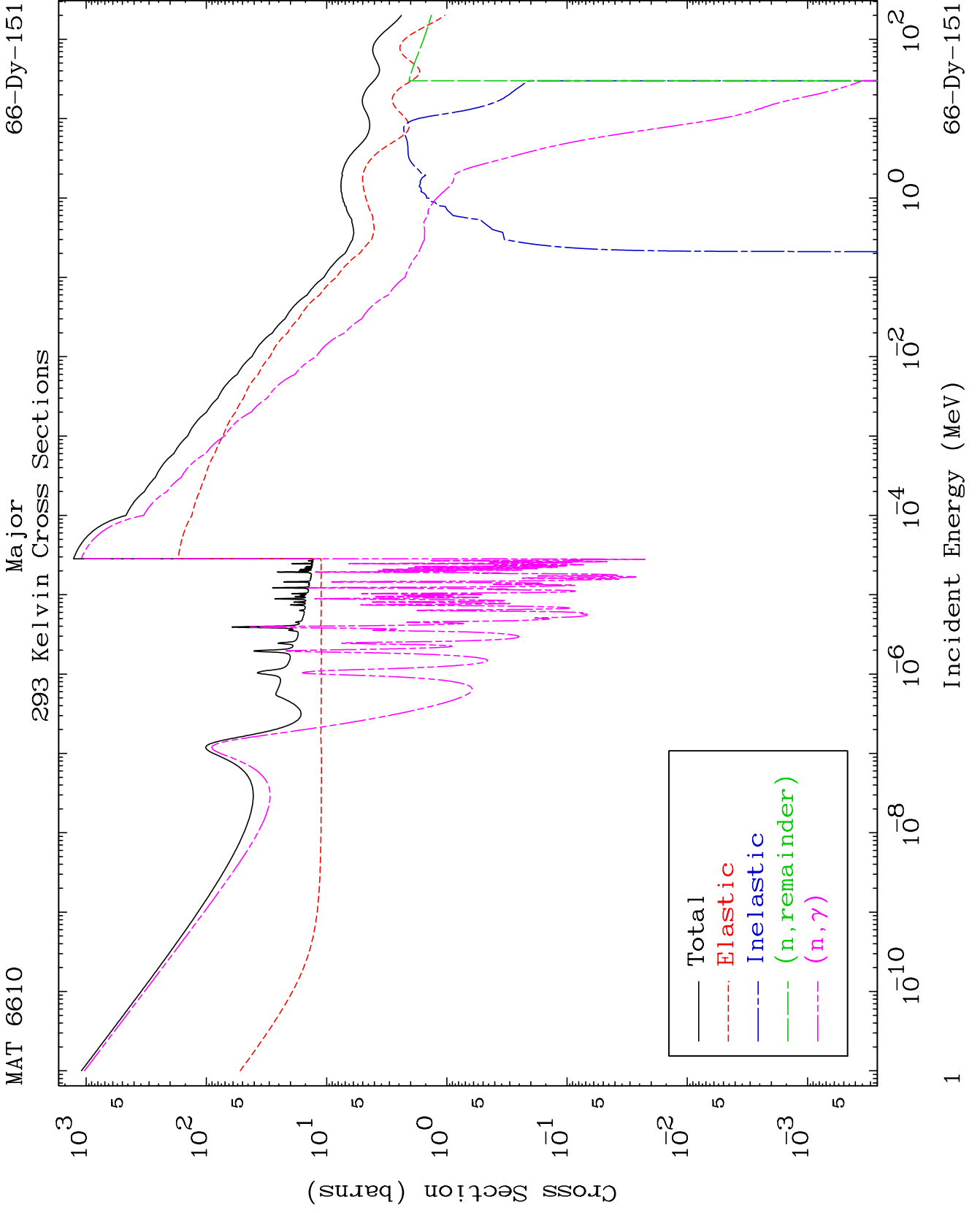
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

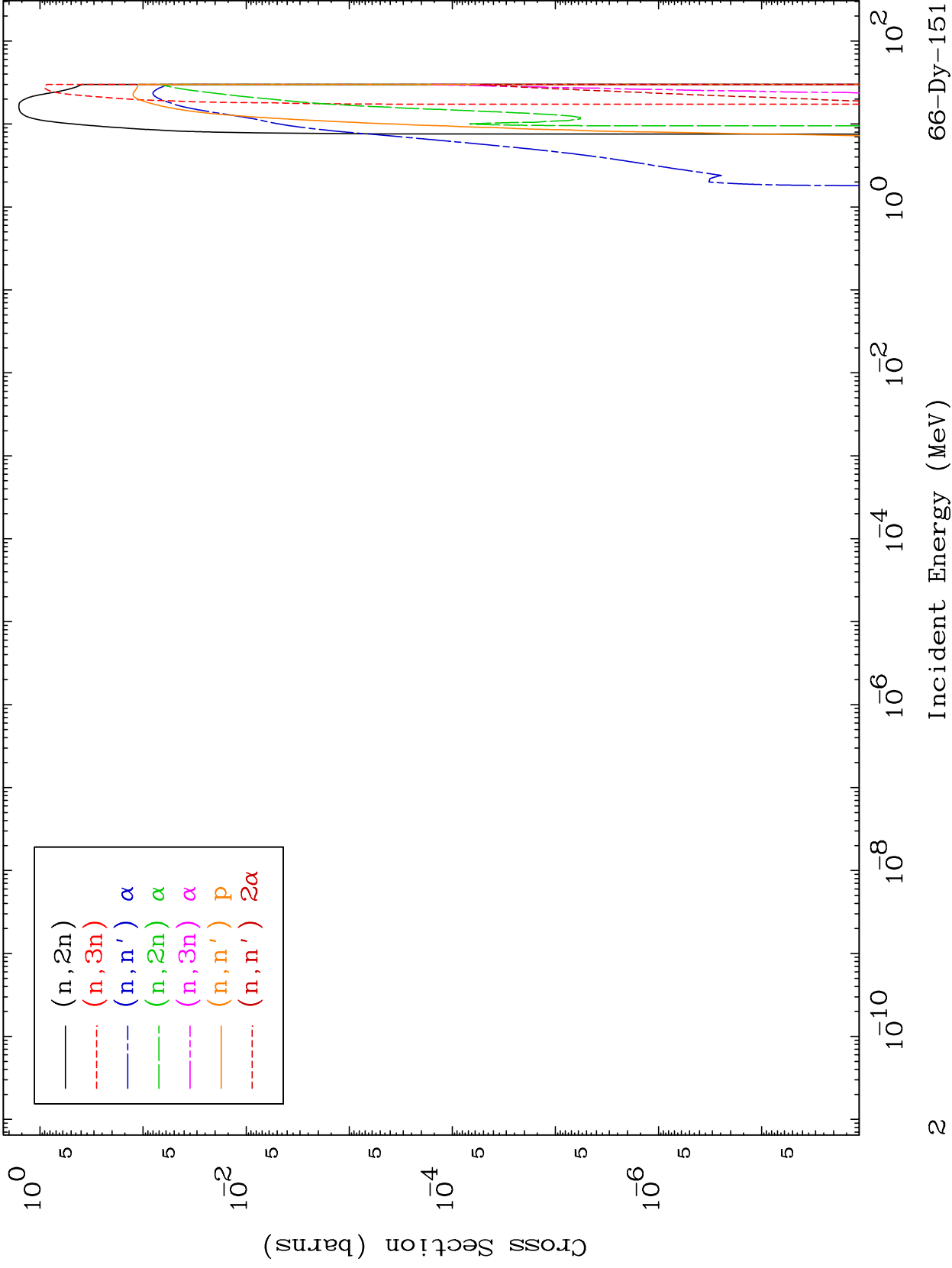
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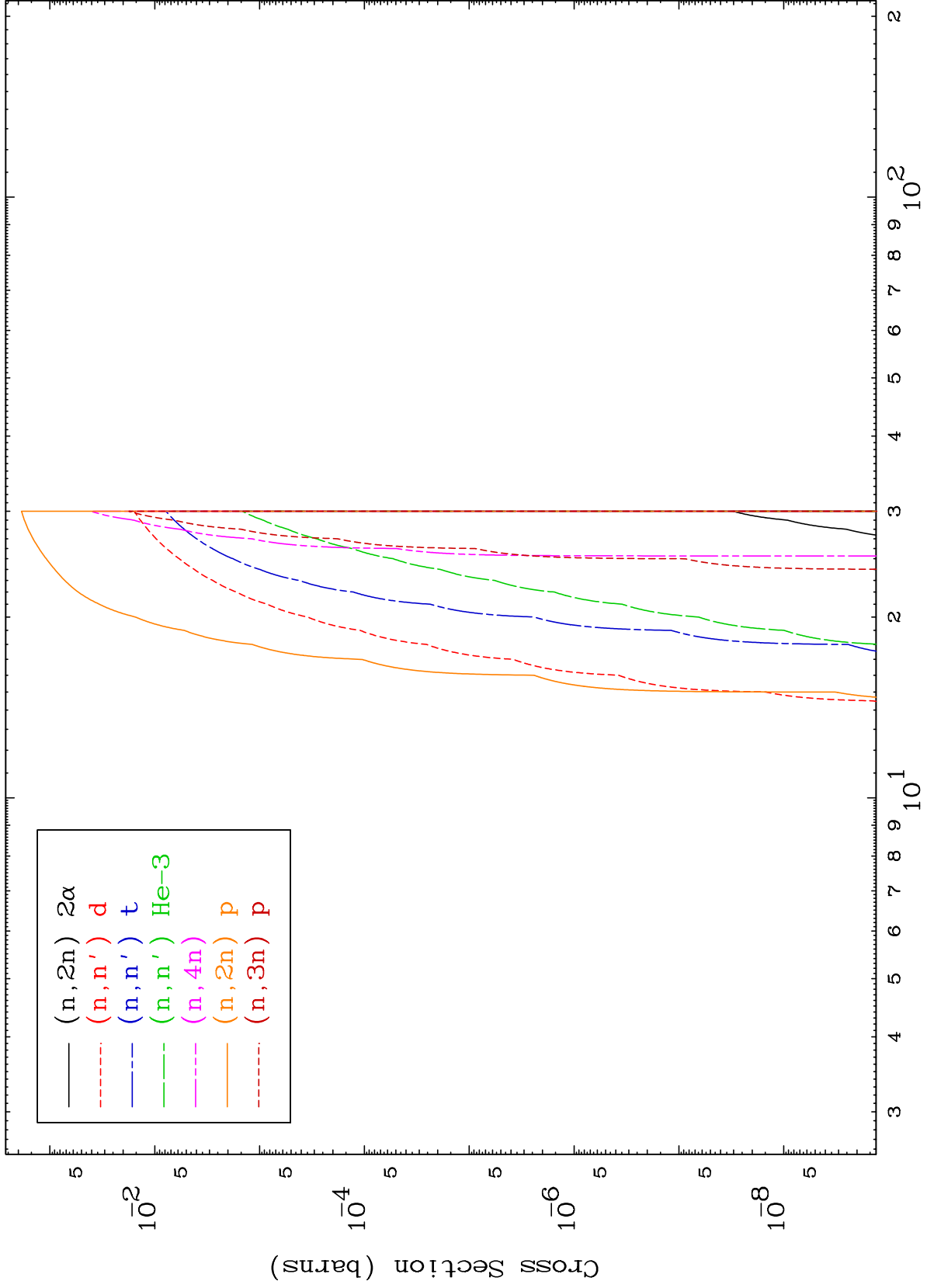


MAT 6610

Neutron Production
293 Kelvin Cross Sections

66-Dy-151

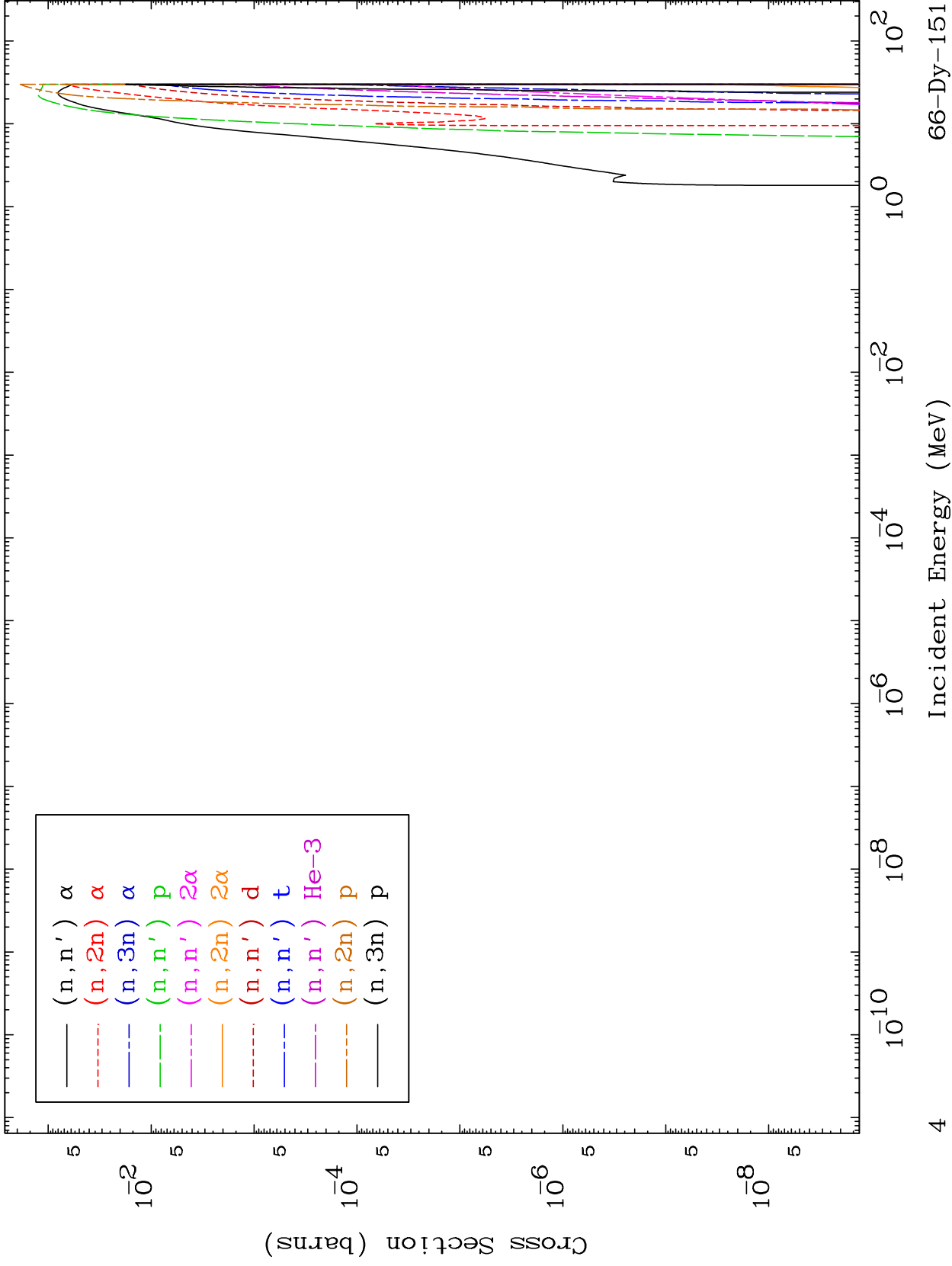




MAT 6610

Charged Particle
293 Kelvin Cross Sections

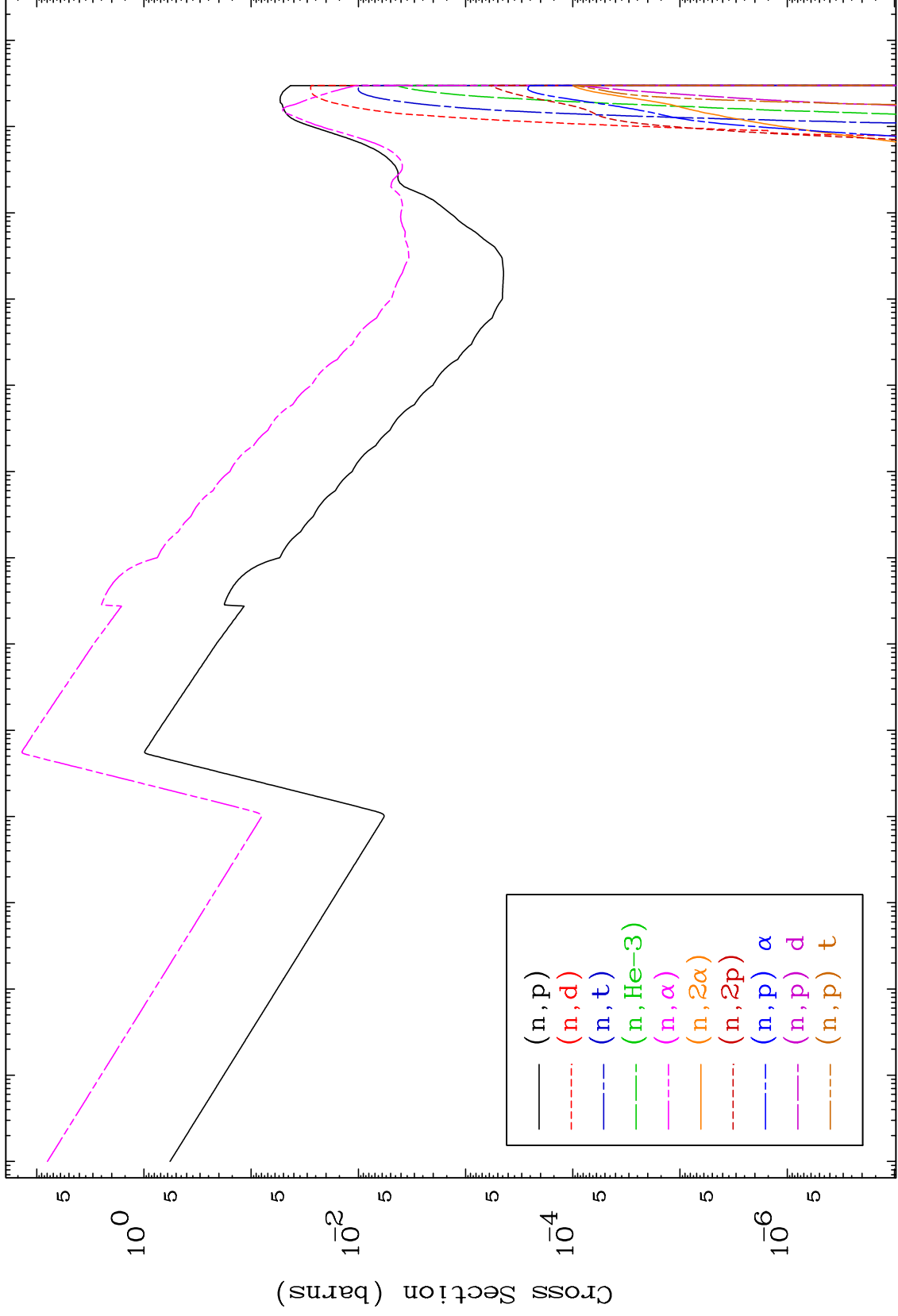
66-Dy-151



MAT 6610

Charged Particle
293 Kelvin Cross Sections

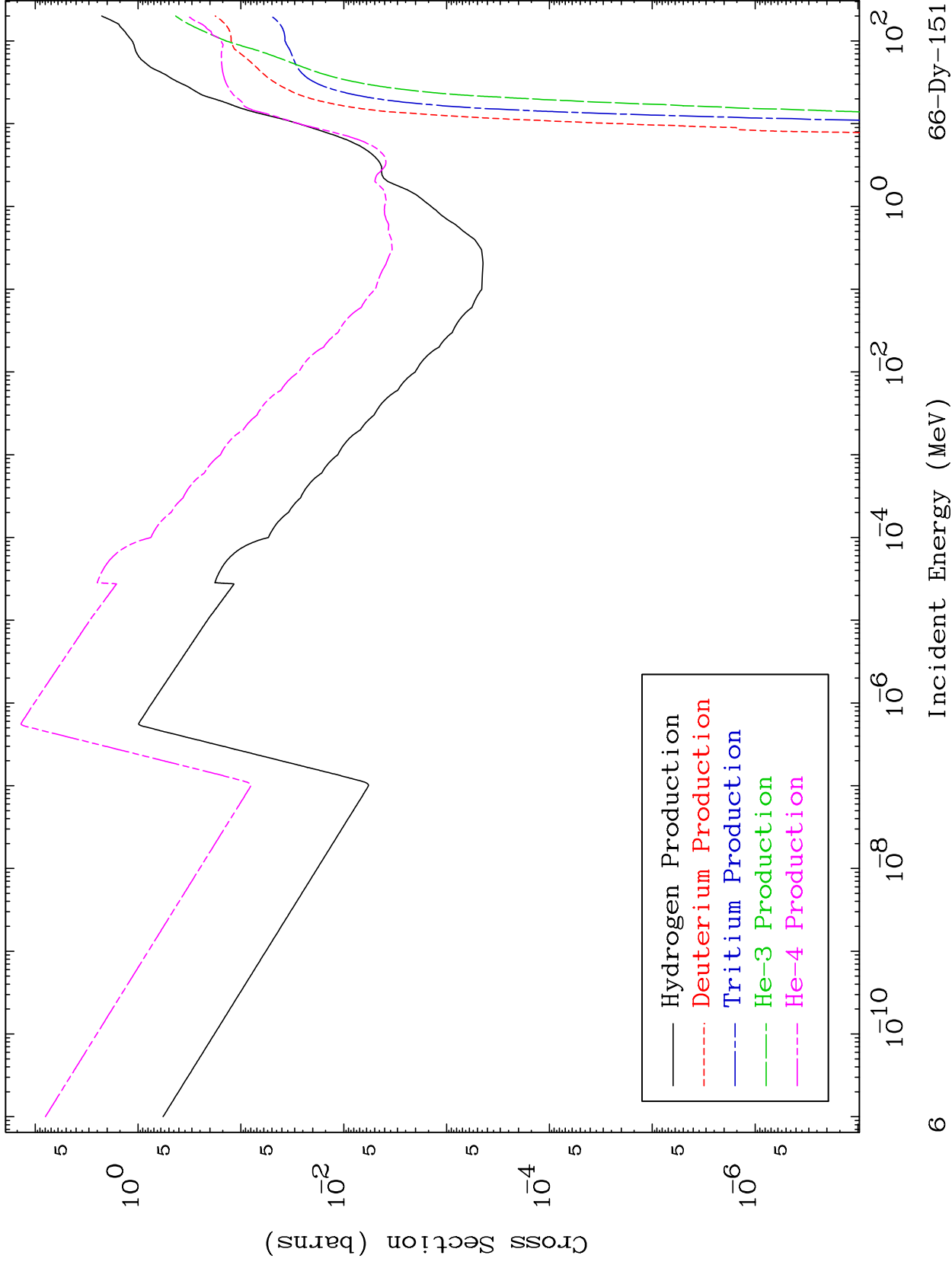
66-Dy-151



MAT 6610

Particle Production
293 Kelvin Cross Sections

66-Dy-151

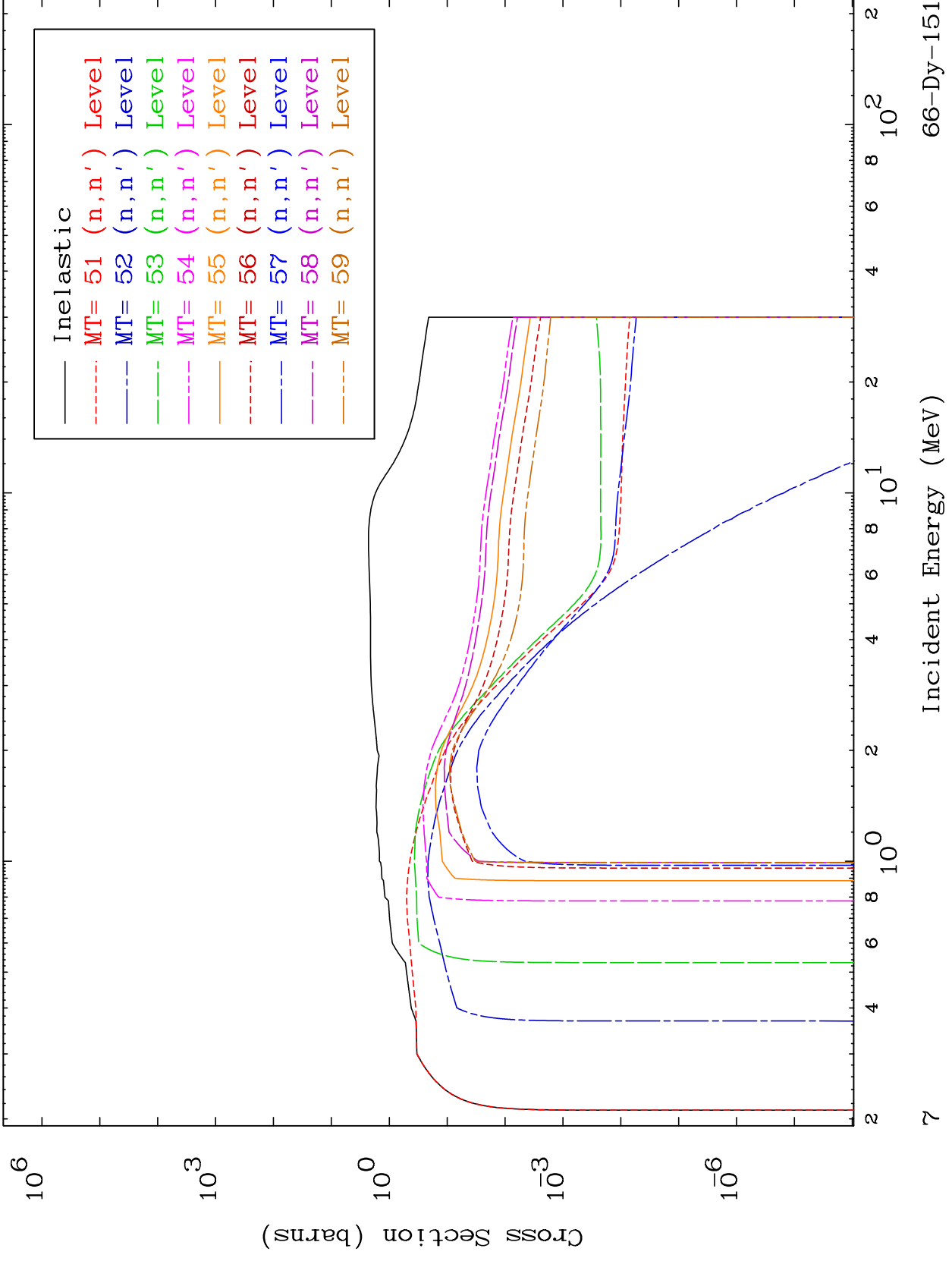


MAT 6610

(n,n') Level

66-Dy-151

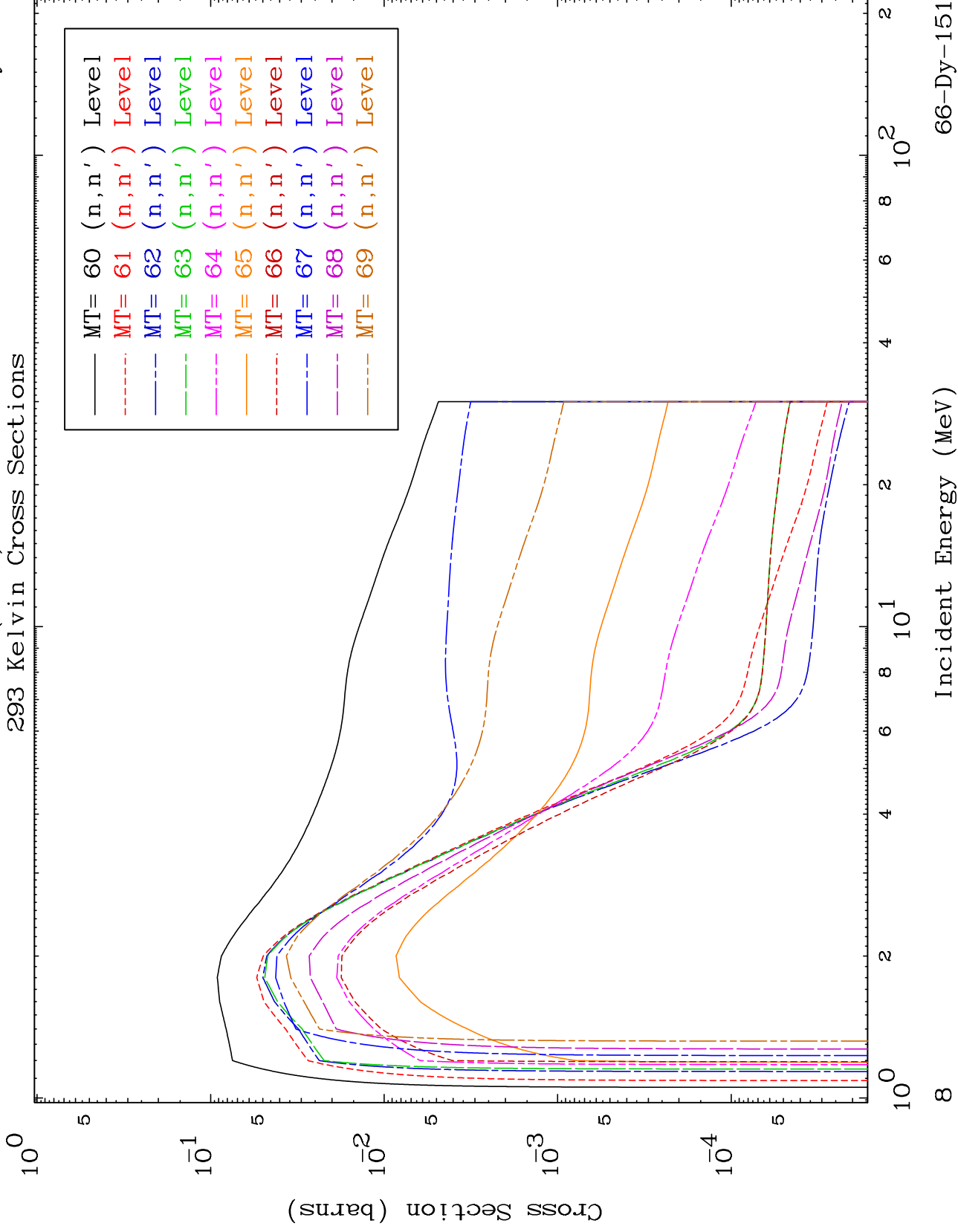
293 Kelvin Cross Sections



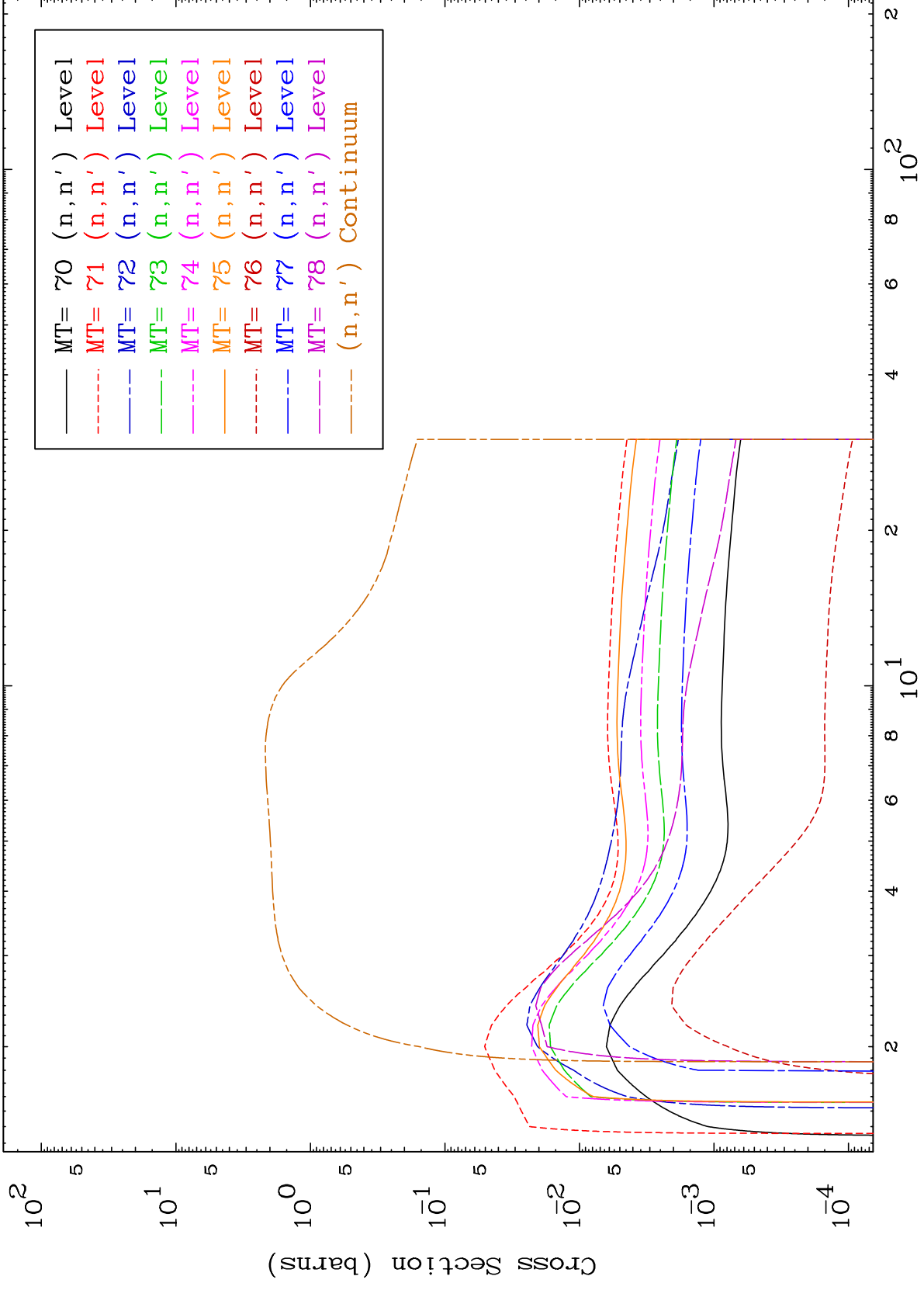
MAT 6610

(n,n') Level

66-Dy-151



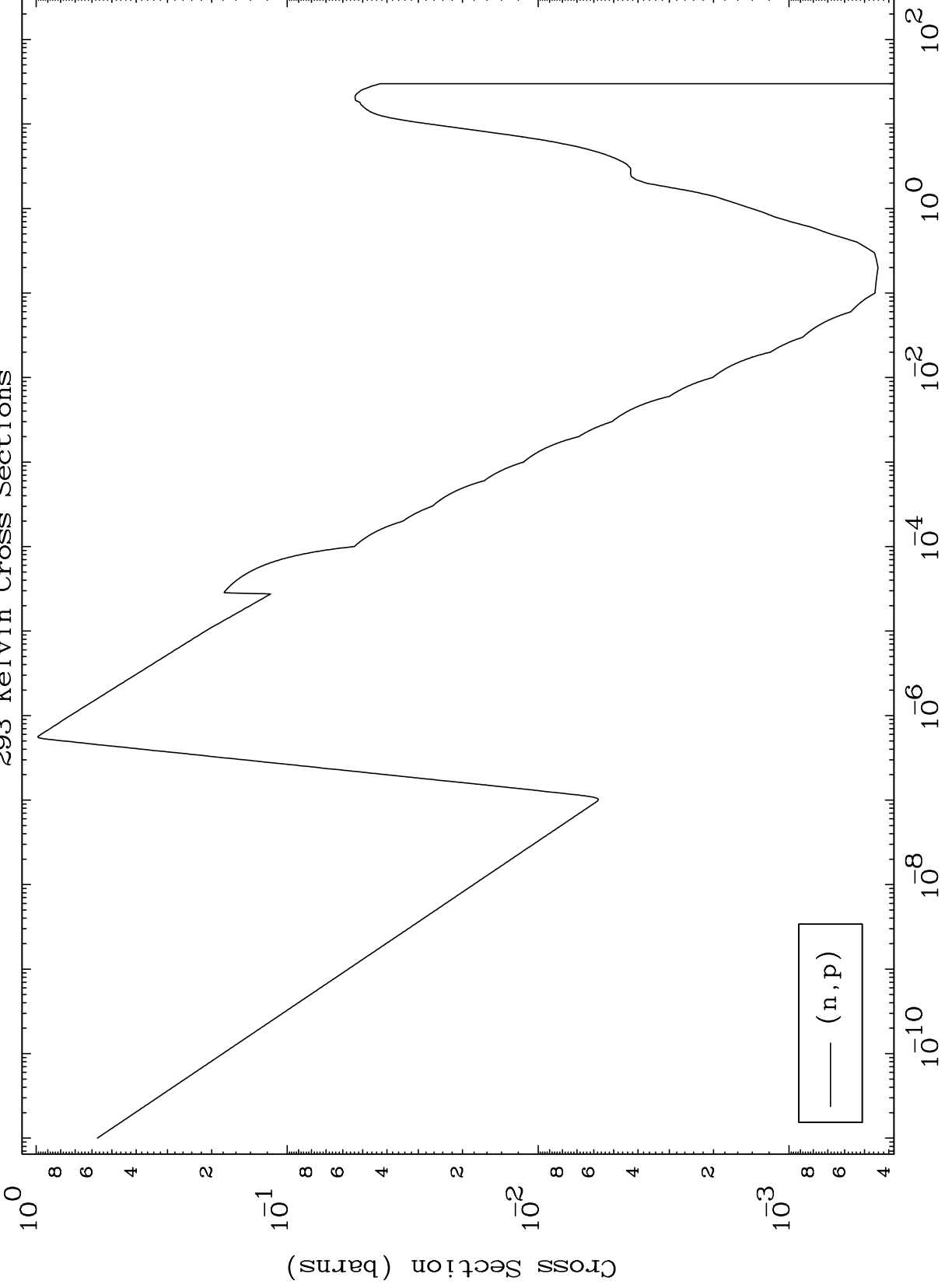
293 Kelvin Cross Sections



MAT 6610

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-151



10

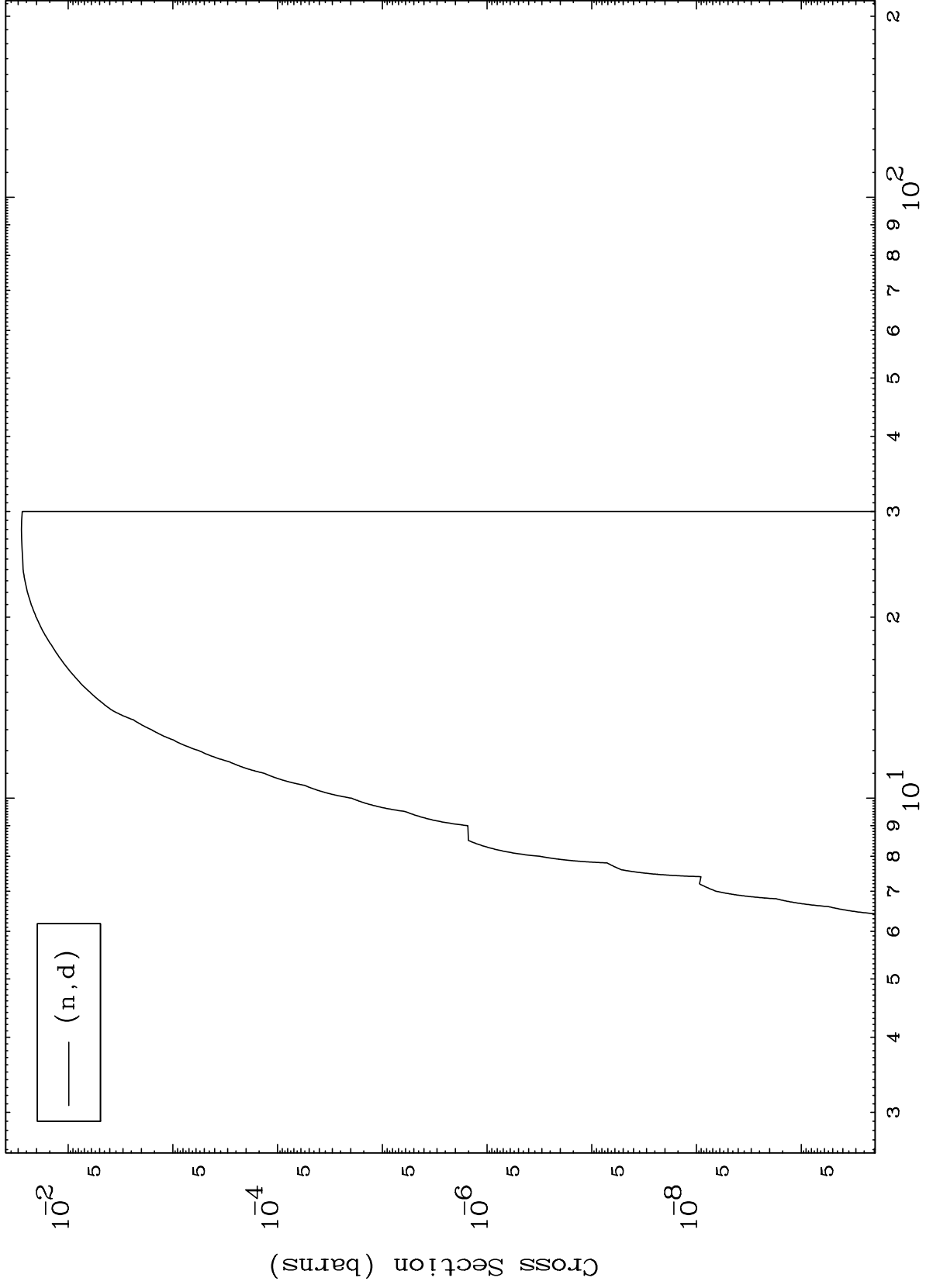
Incident Energy (MeV)

66-Dy-151

MAT 6610

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-151



11

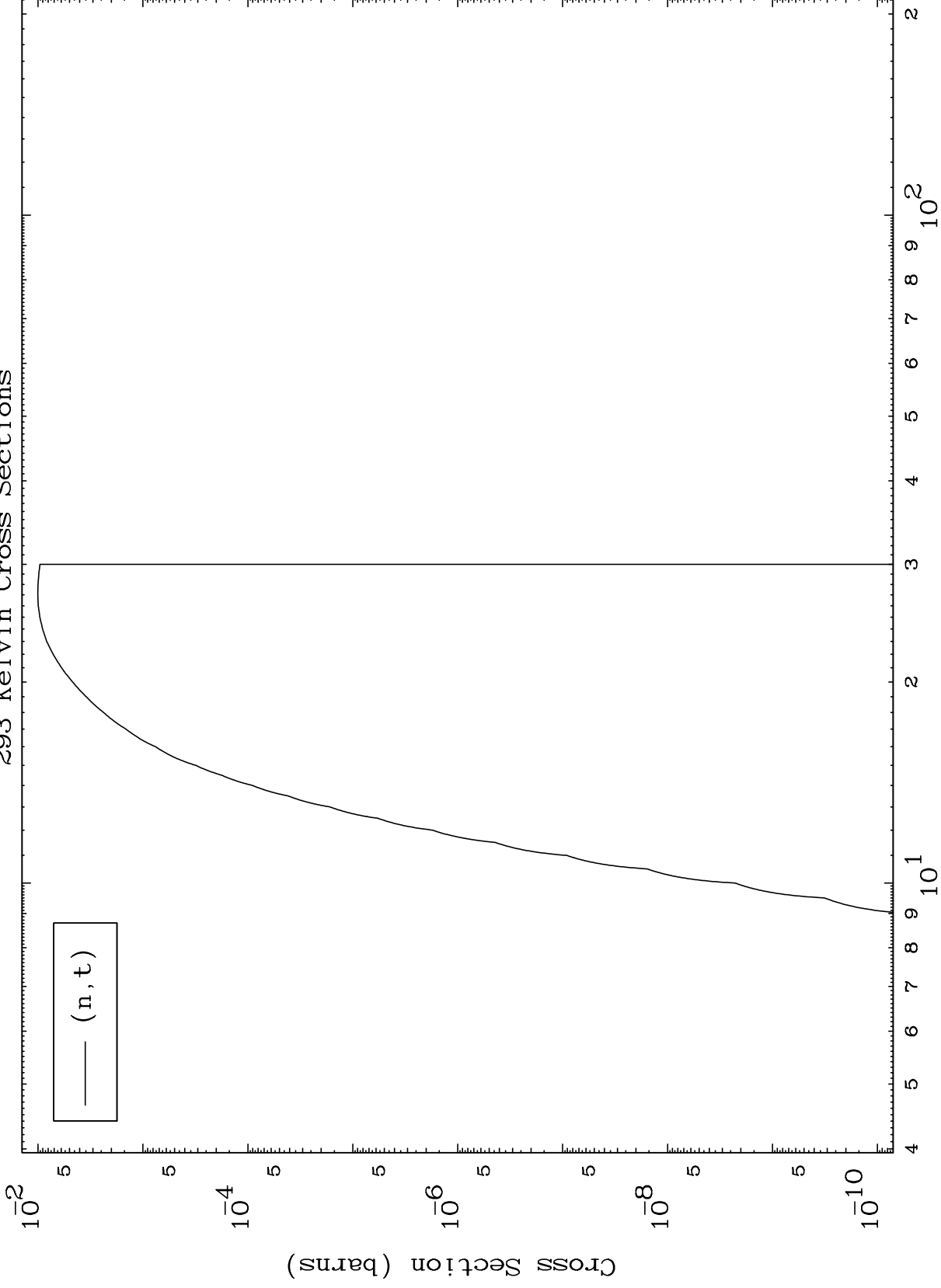
Incident Energy (MeV)

66-Dy-151

MAT 6610

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-151



12

Incident Energy (MeV)

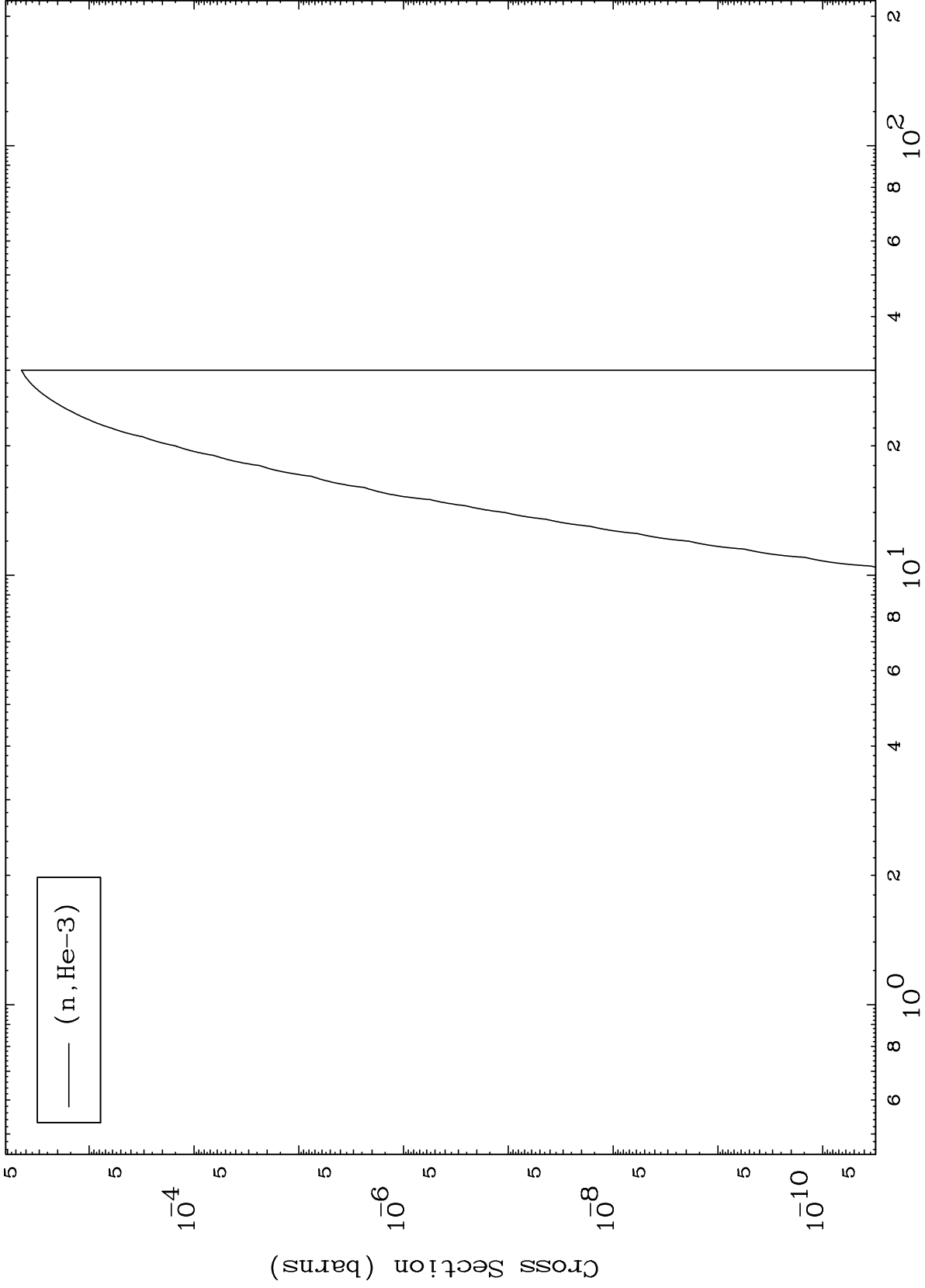
66-Dy-151

MAT 6610

(n,He3) Levels

66-Dy-151

293 Kelvin Cross Sections



13

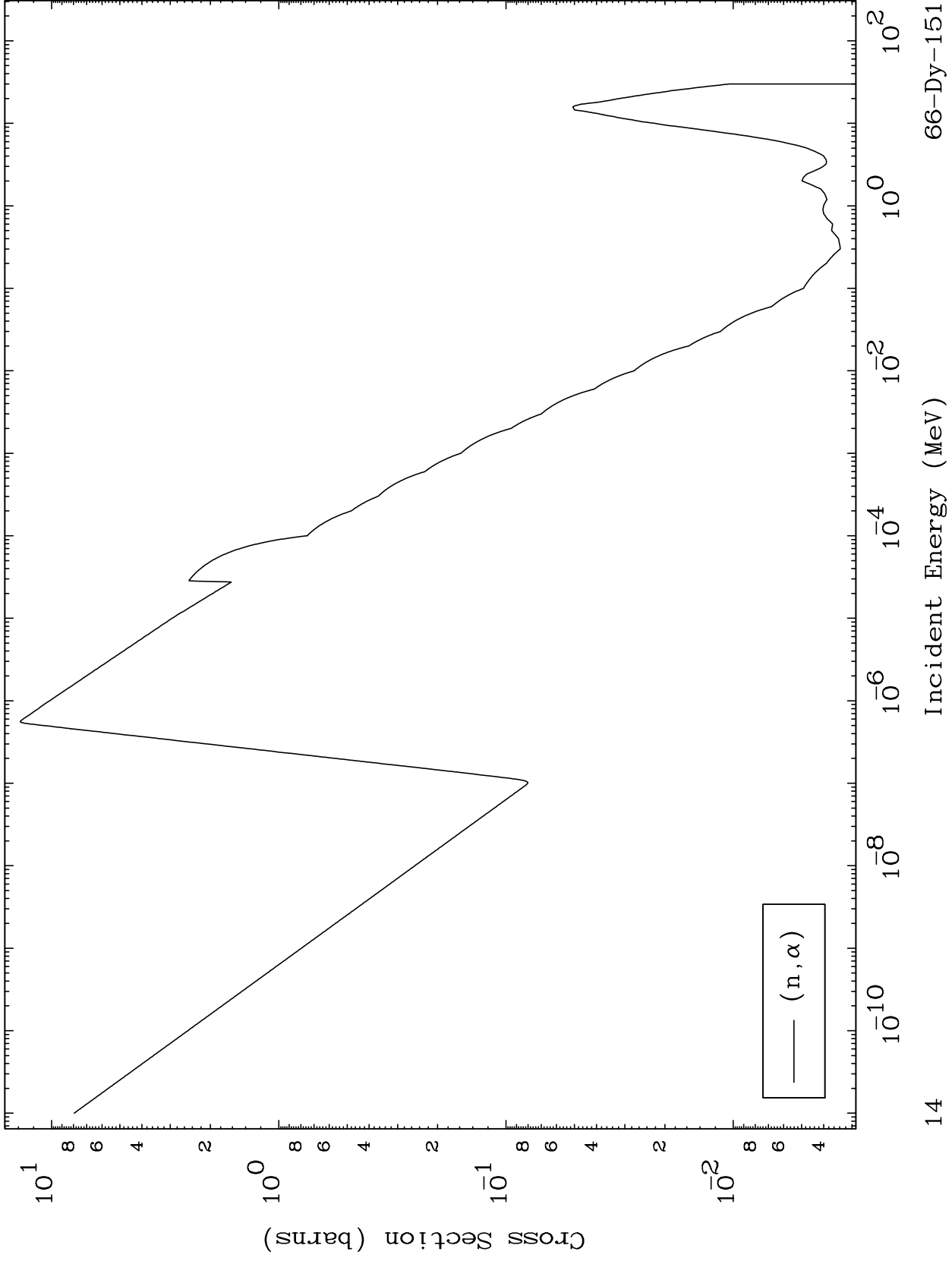
Incident Energy (MeV)

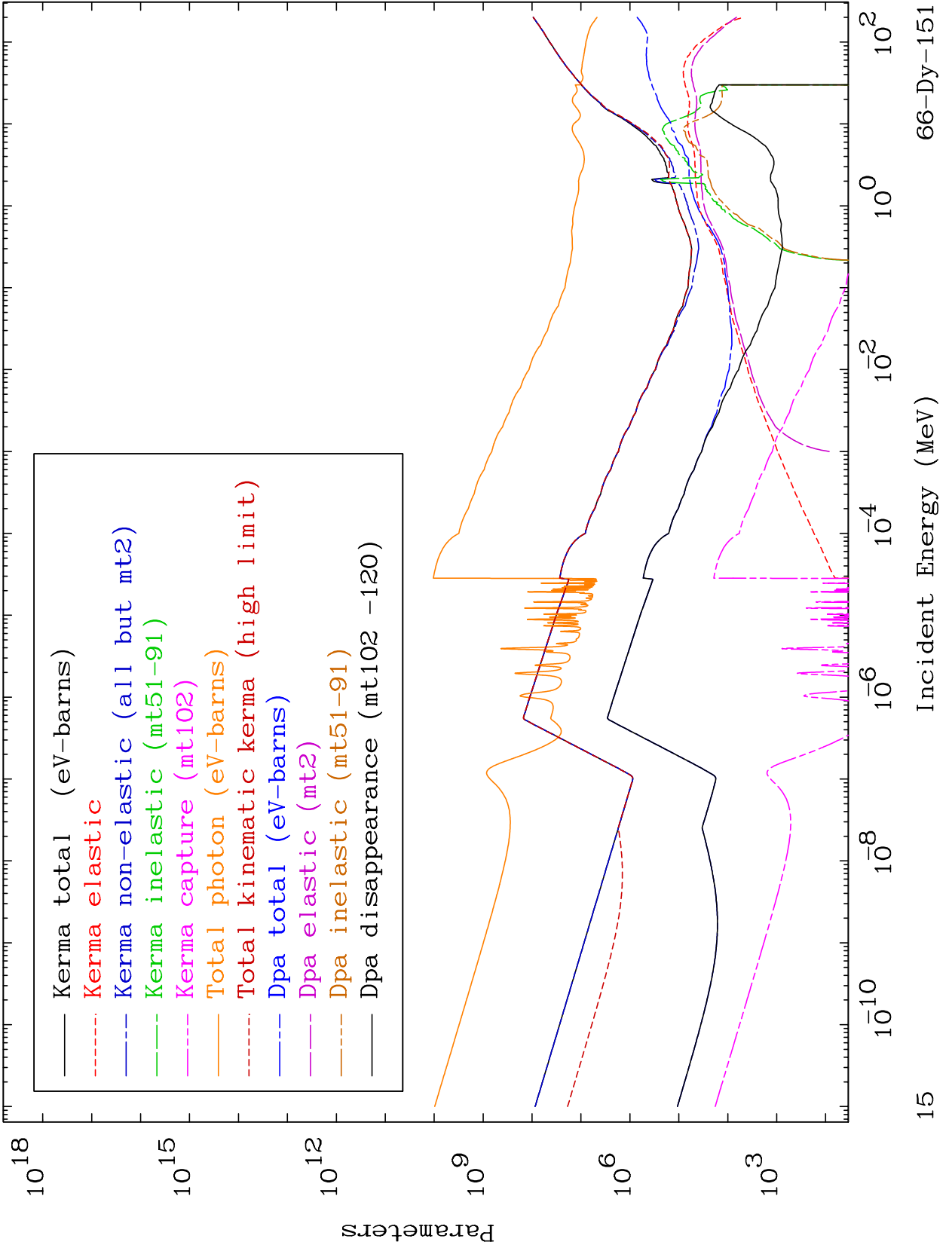
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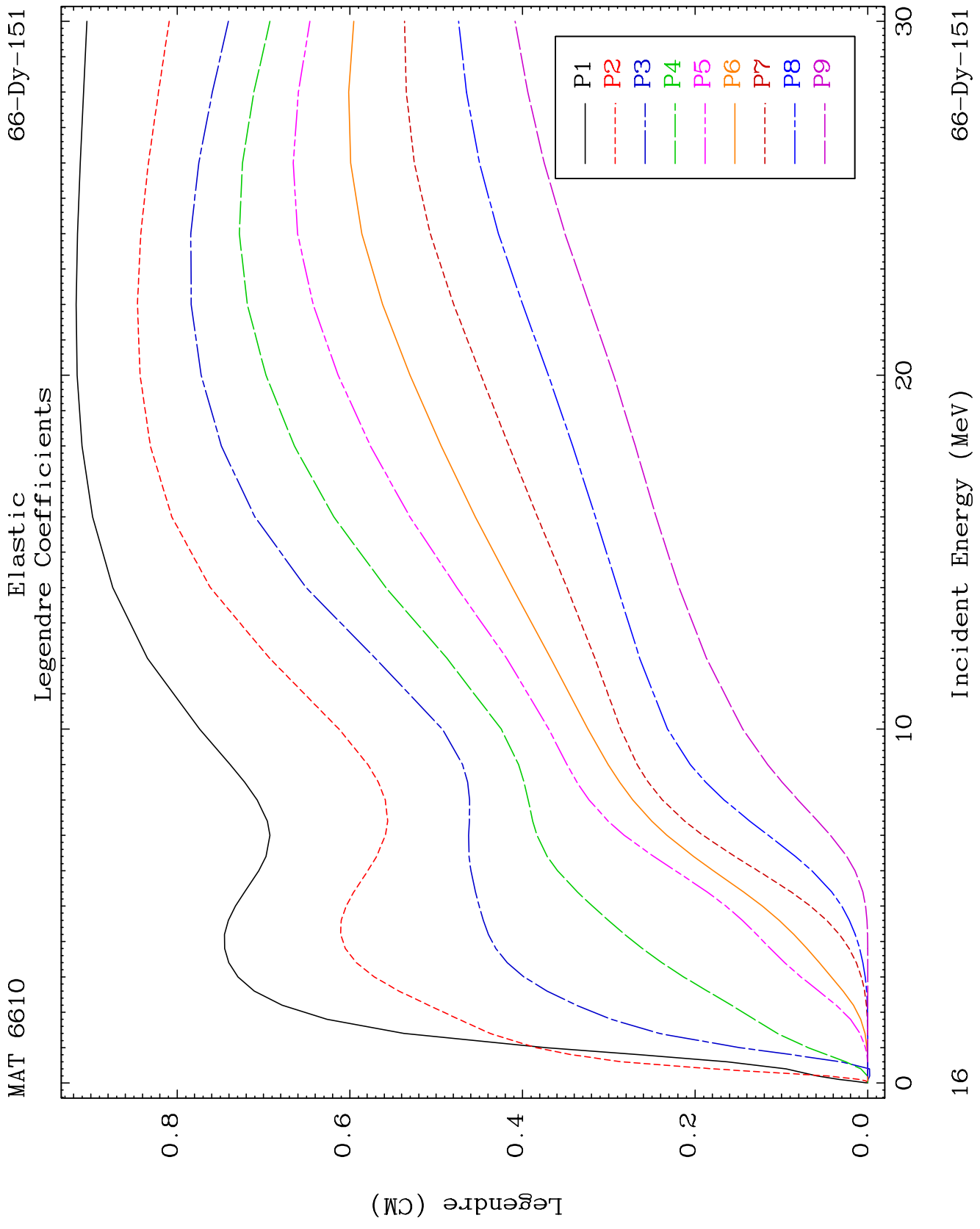
MAT 6610

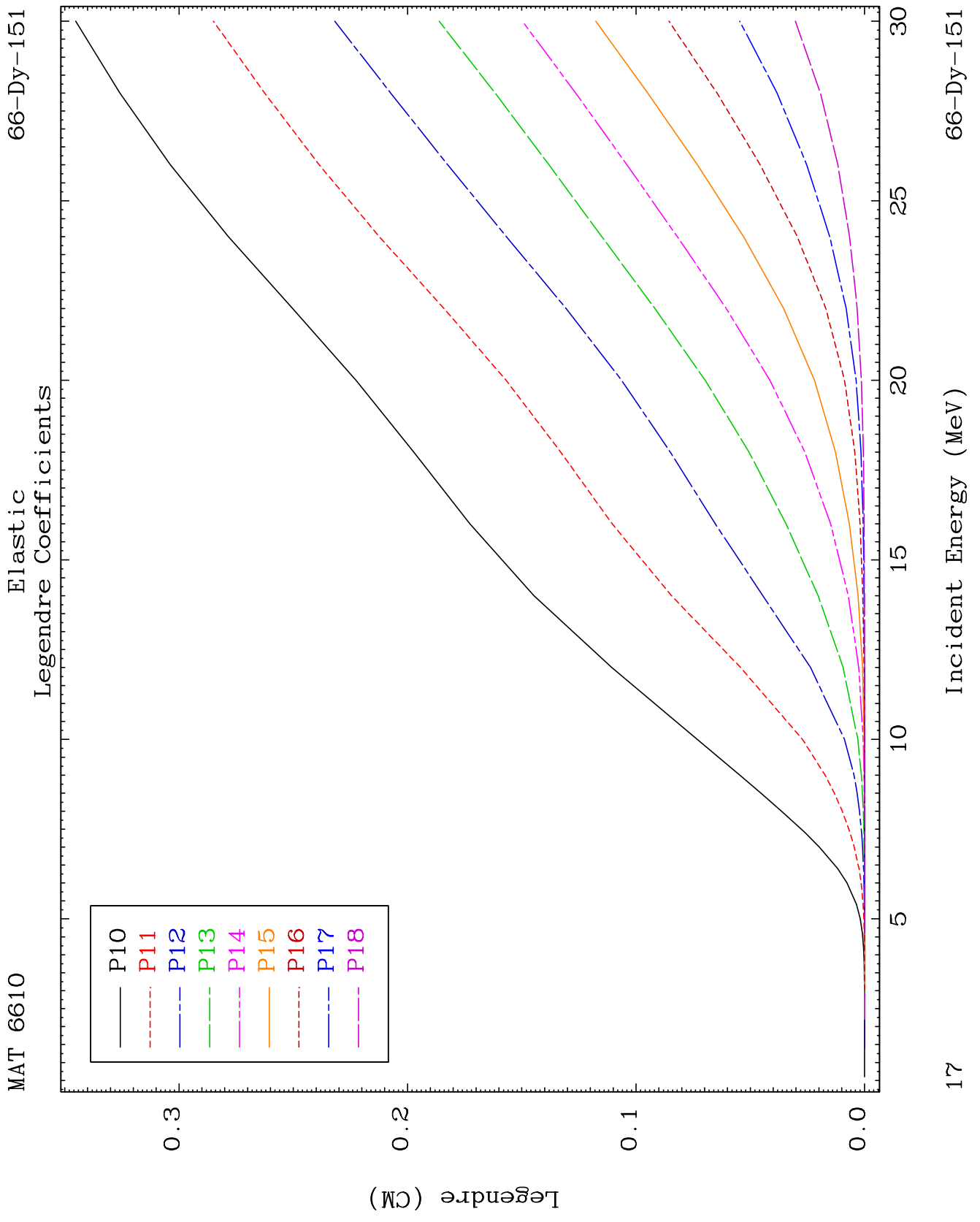
(n, α) Levels
293 Kelvin Cross Sections

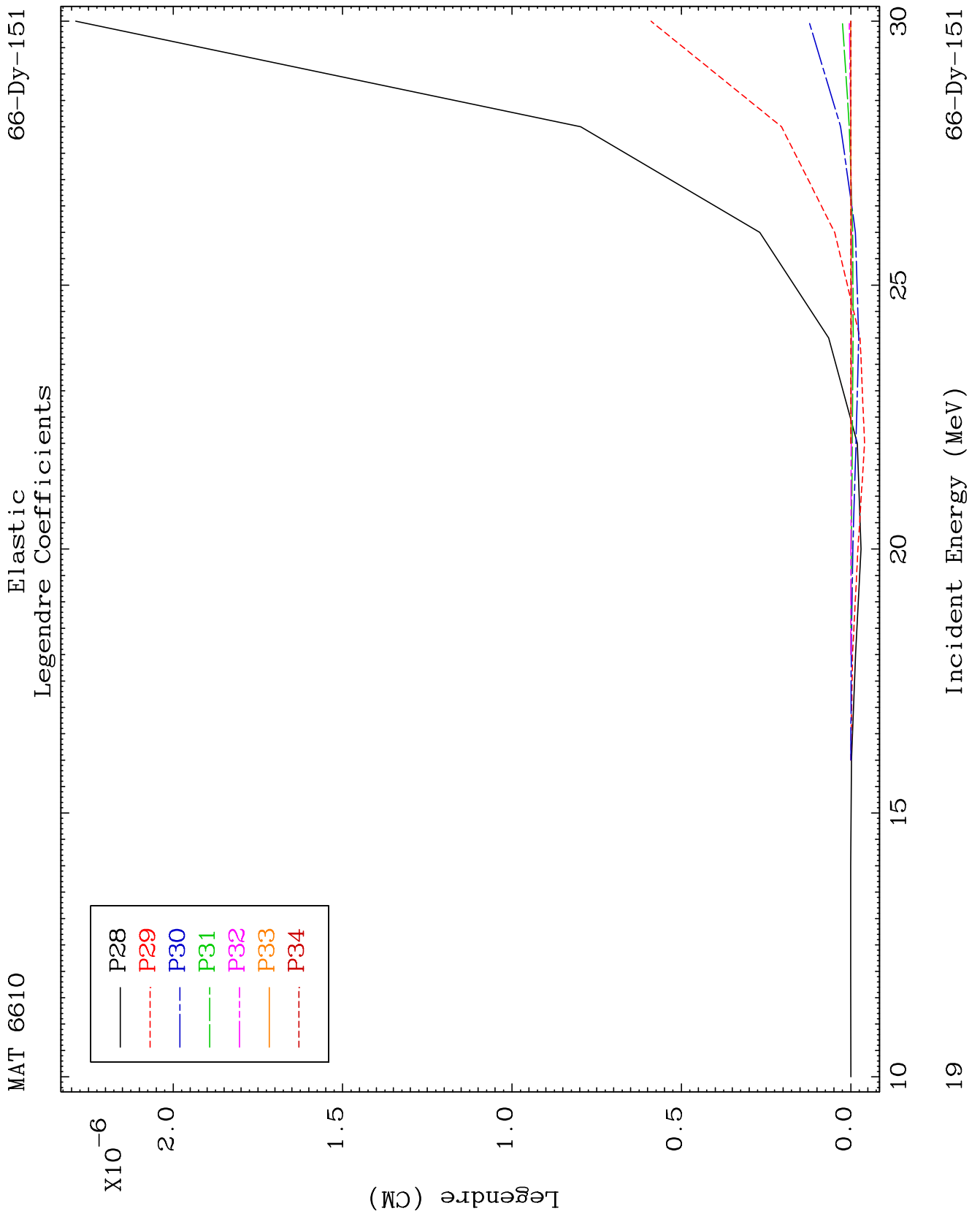
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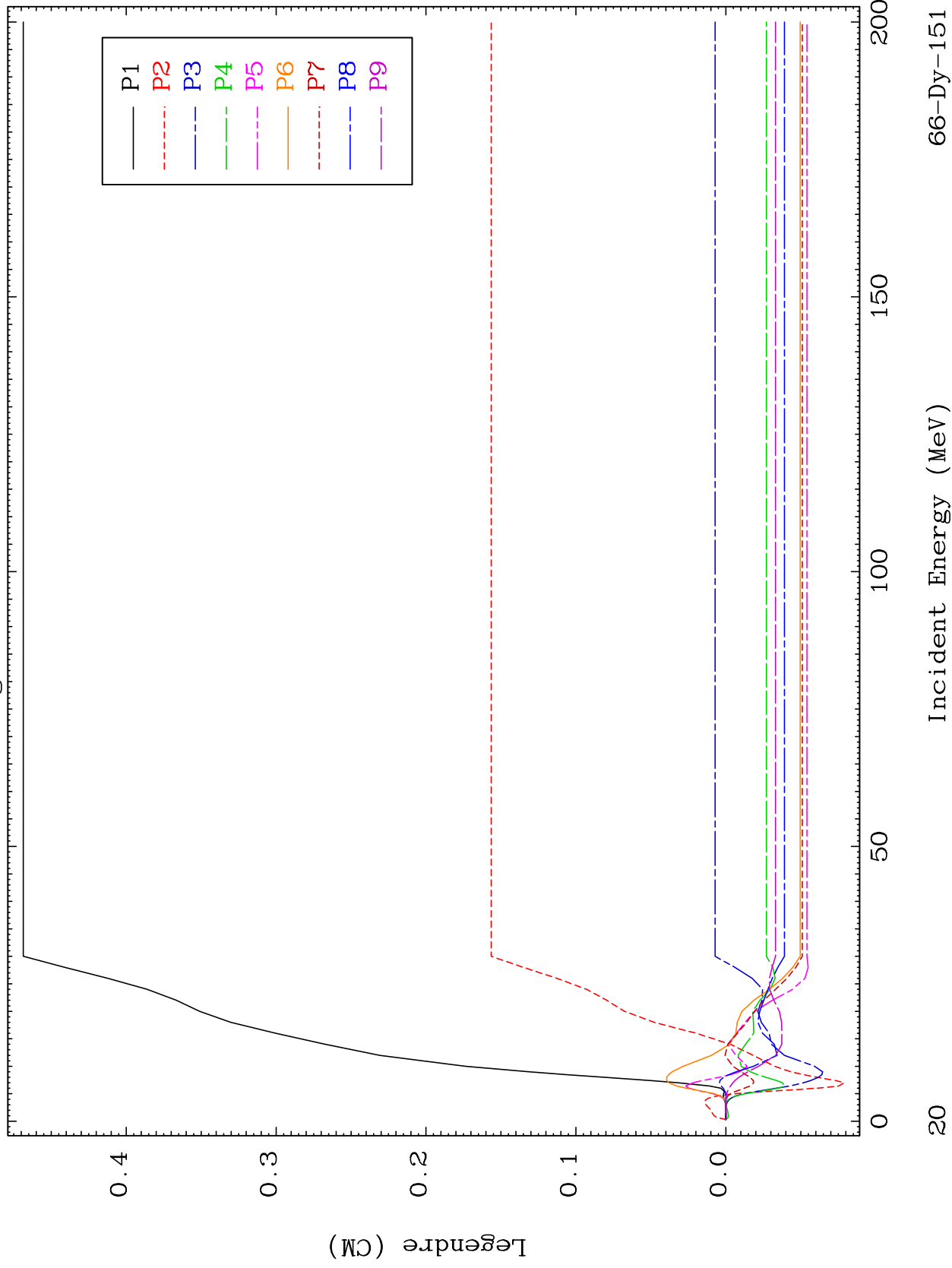




MAT 6610

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

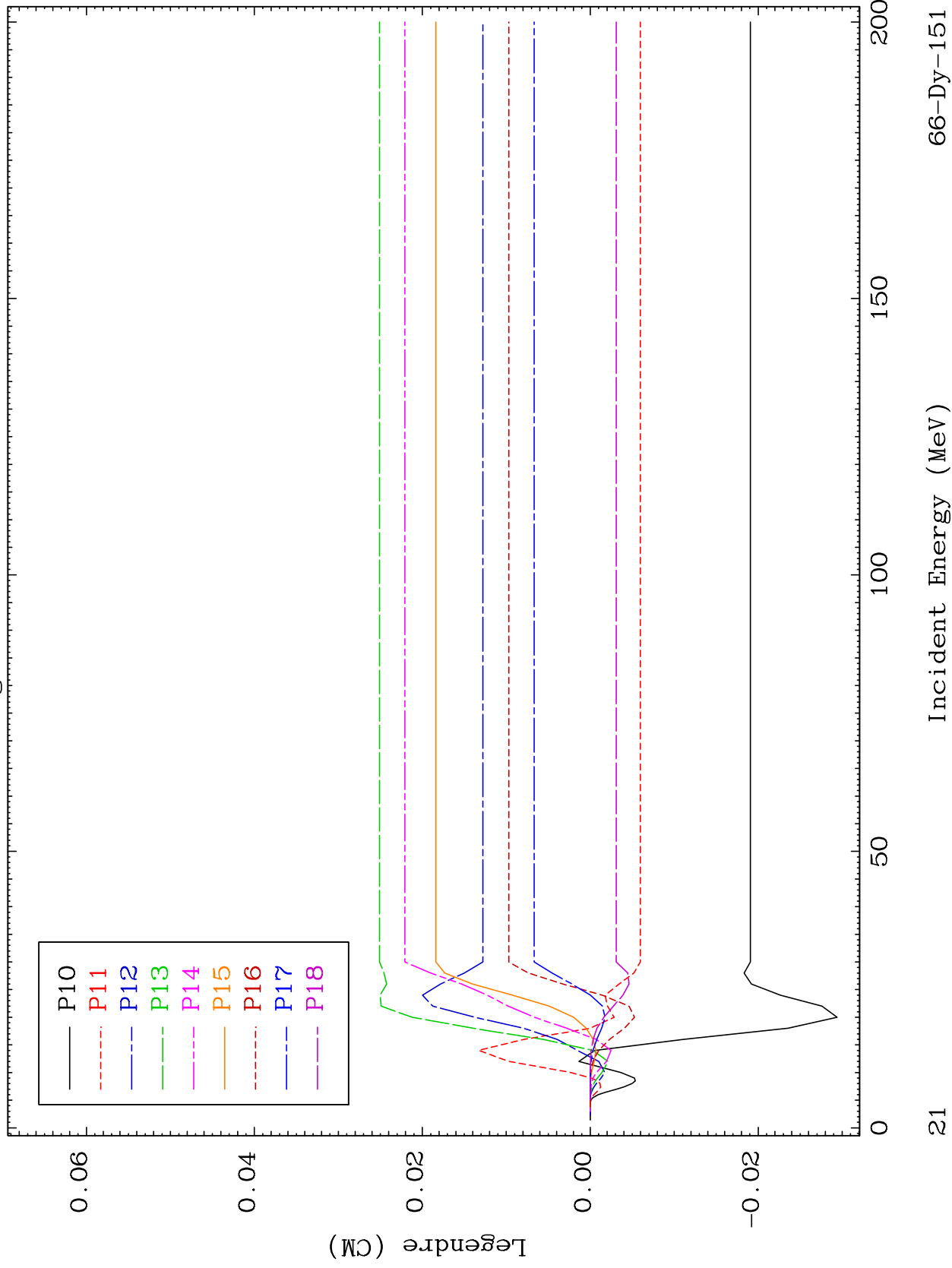
66-Dy-151



MAT 6610

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

66-Dy-151



21

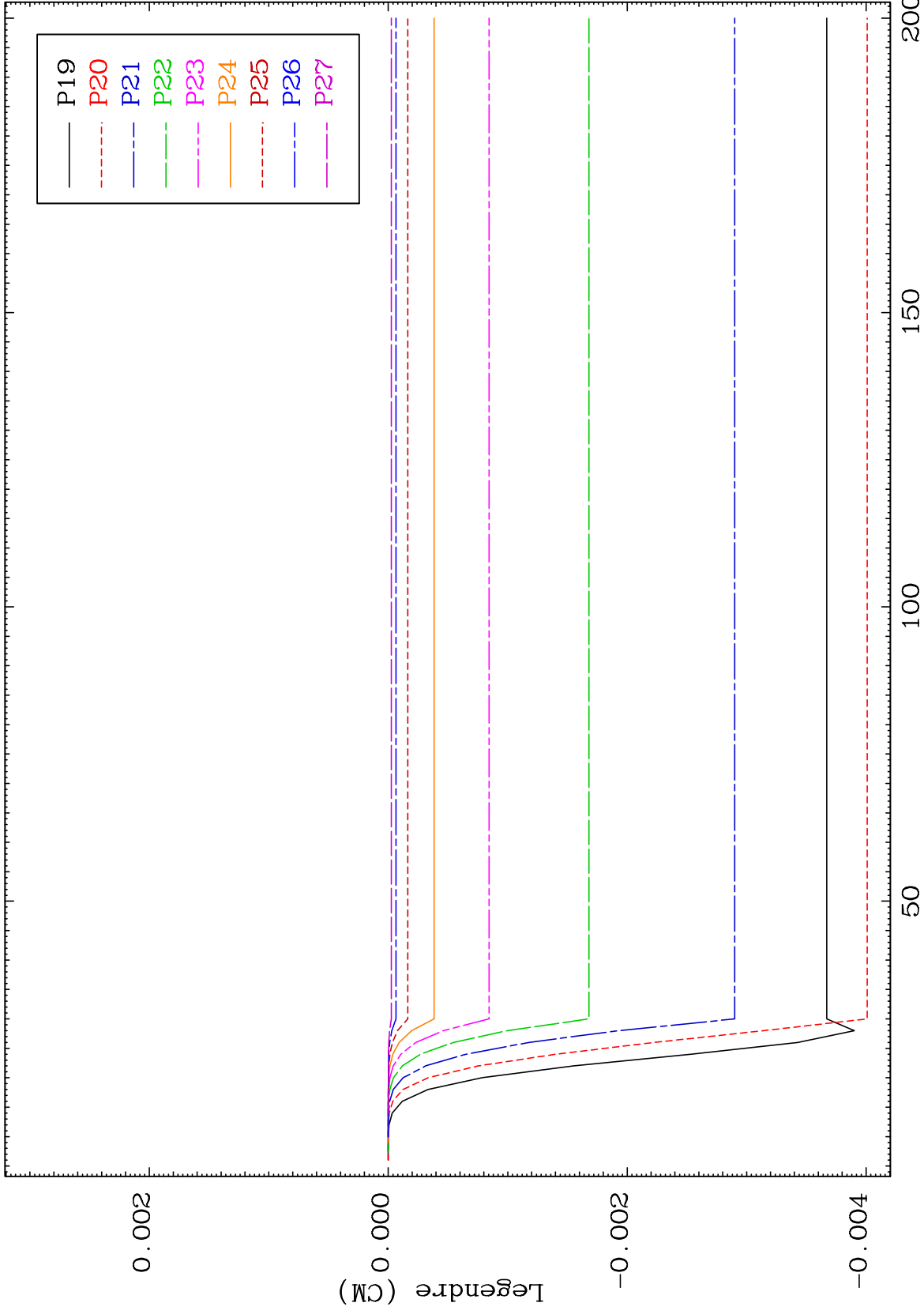
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

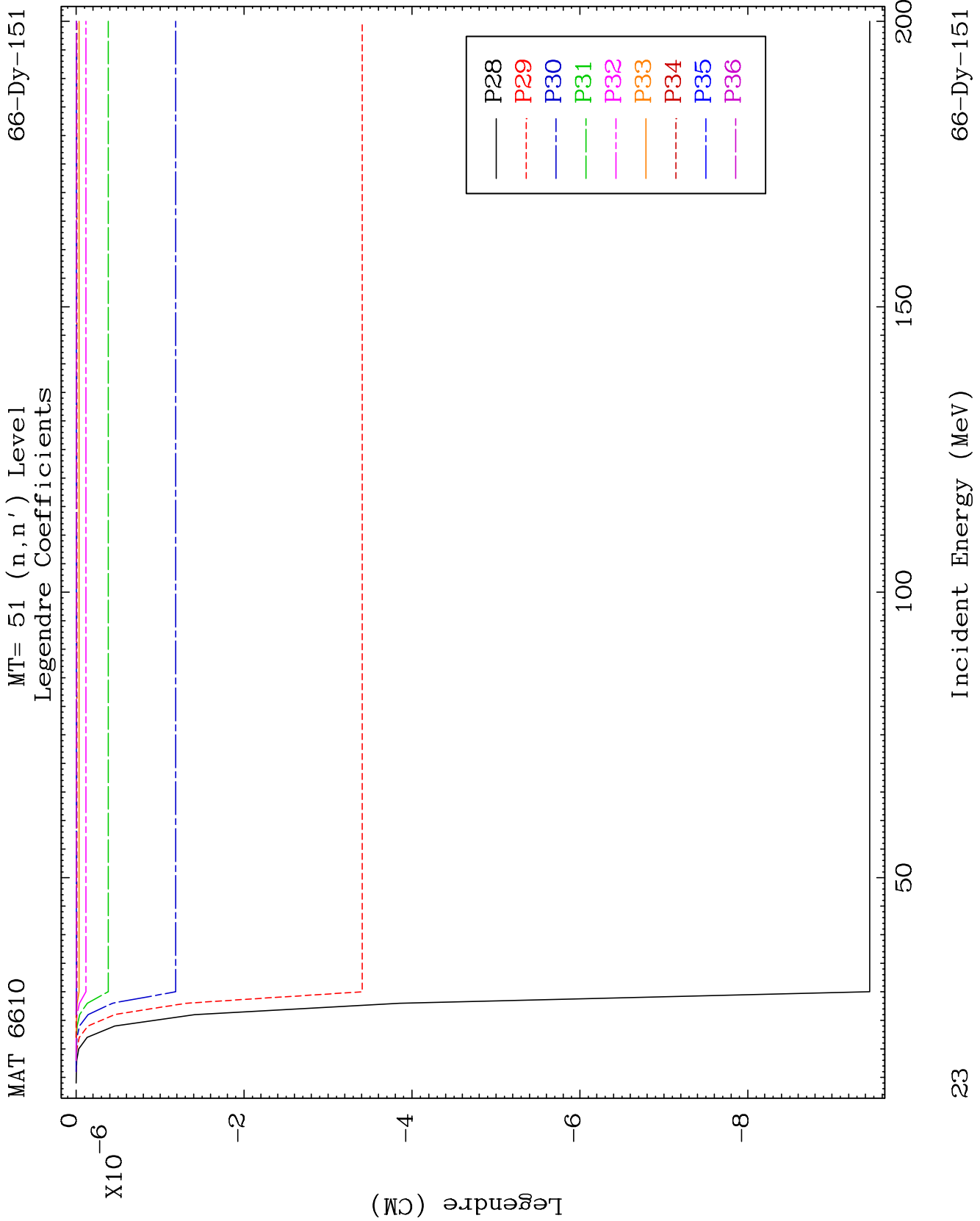
66-Dy-151



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Incident Energy (MeV)

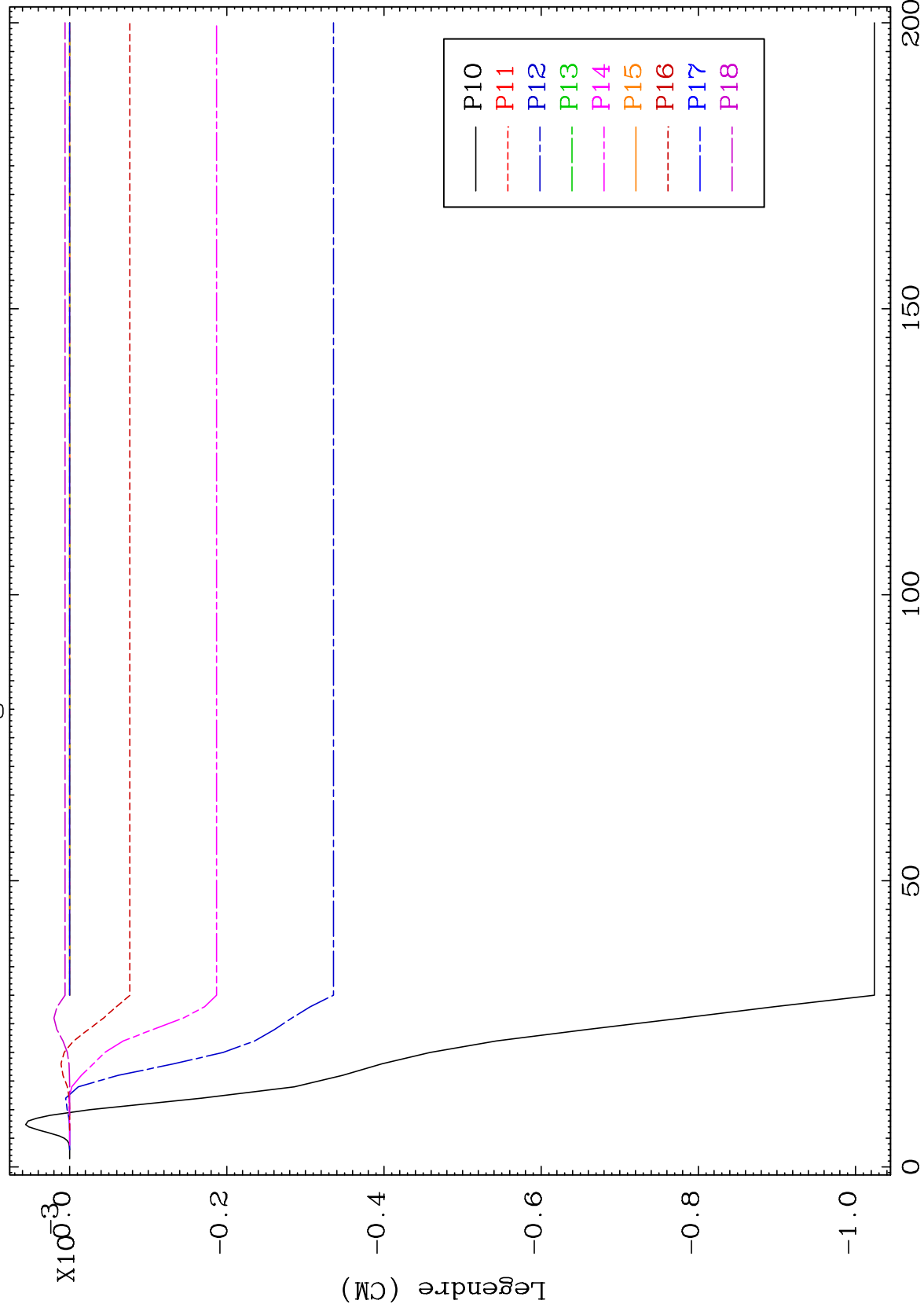
66-Dy-151



MAT 6610

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

66-Dy-151



25

Incident Energy (MeV)

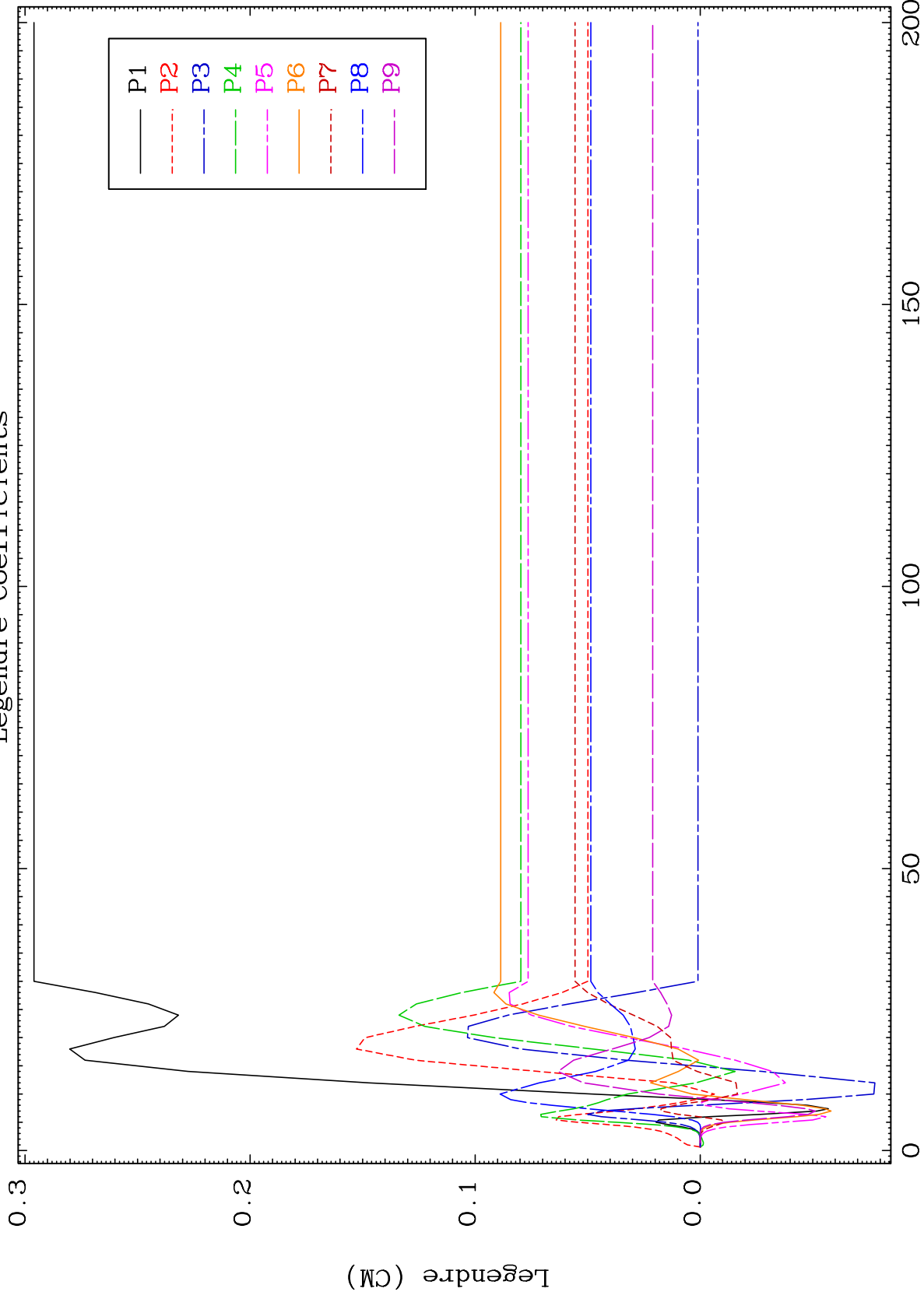
66-Dy-151

MAT 6610

MT= 53 (n,n') Level

66-Dy-151

Legendre Coefficients



27

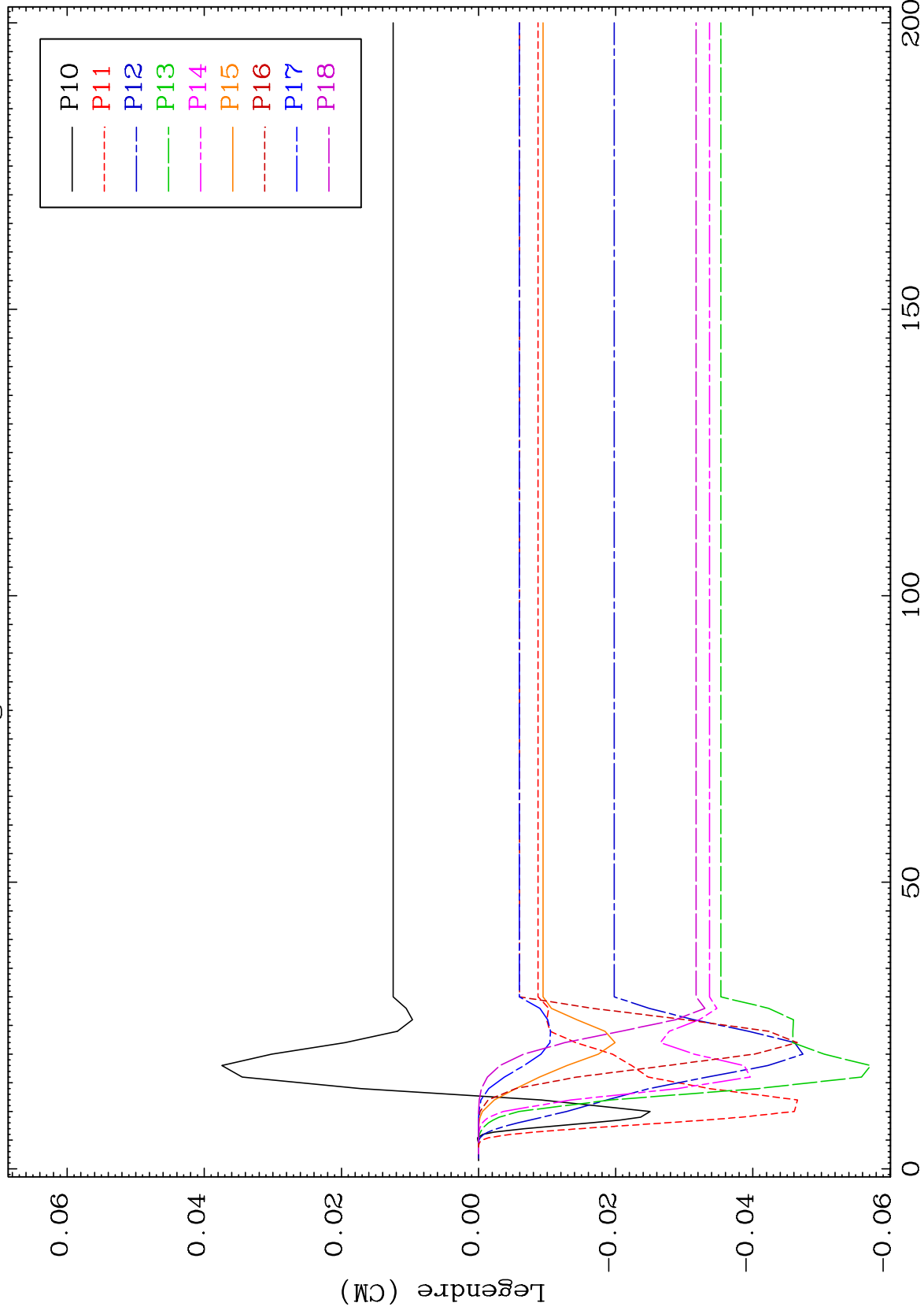
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



28

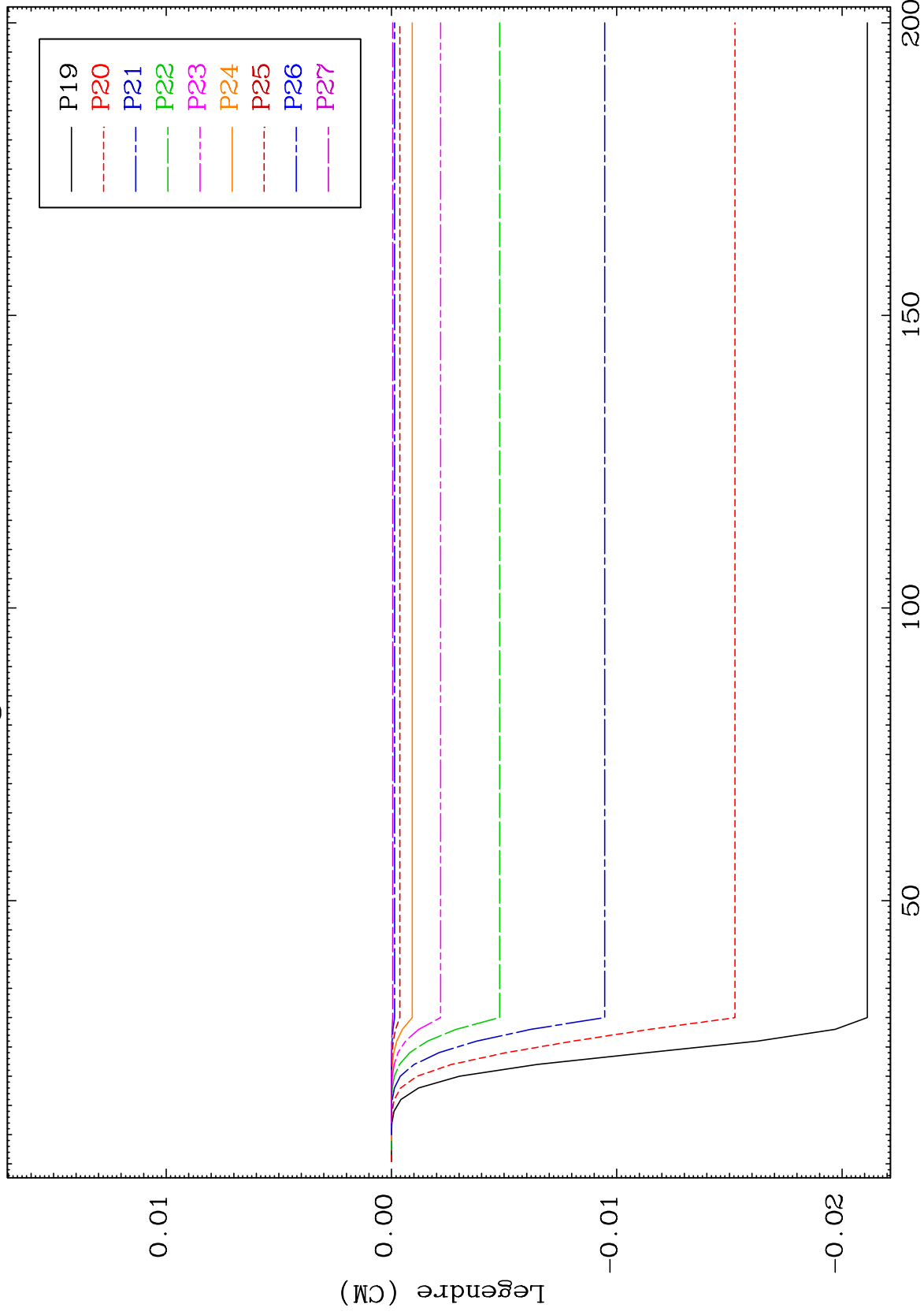
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

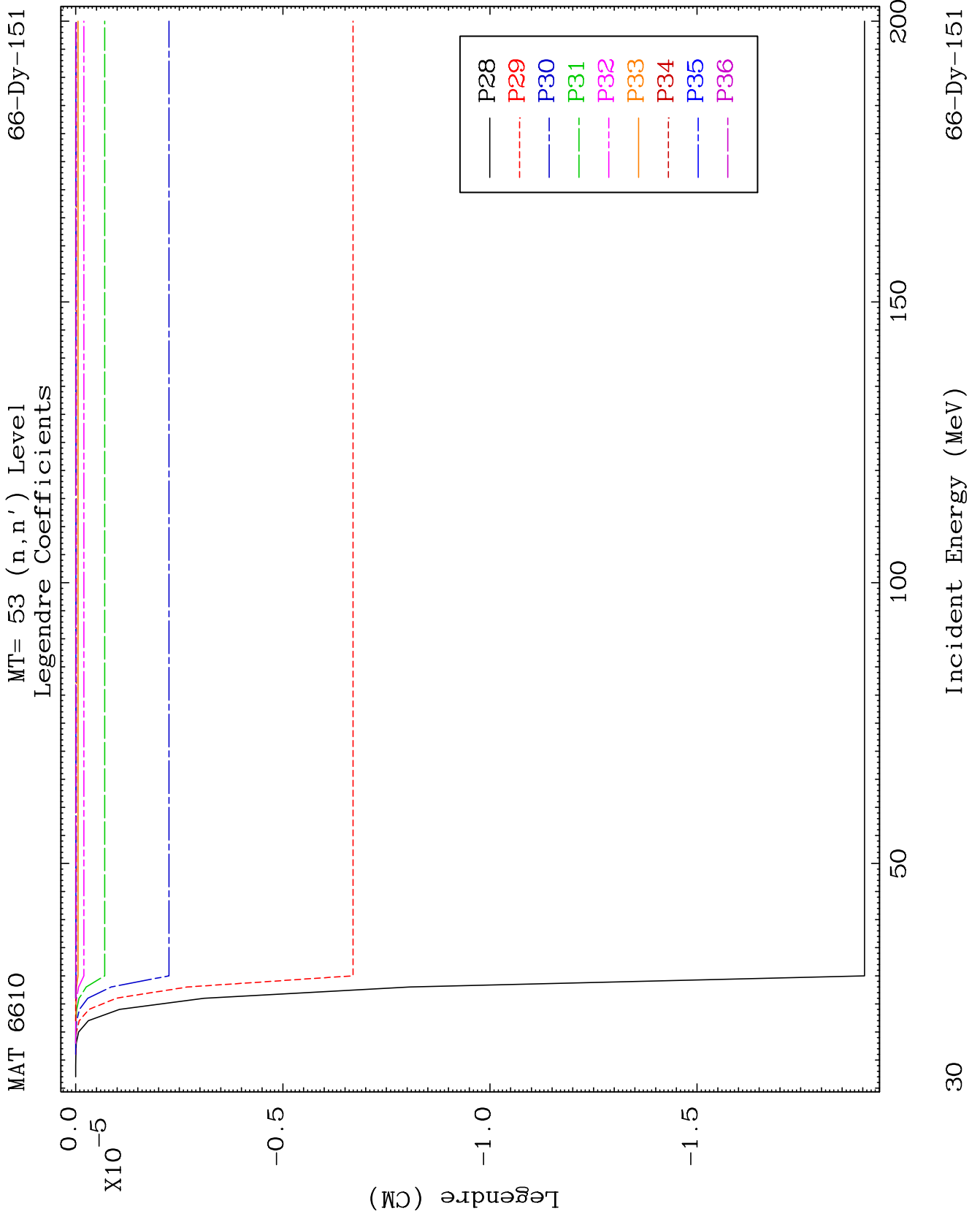
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Incident Energy (MeV)

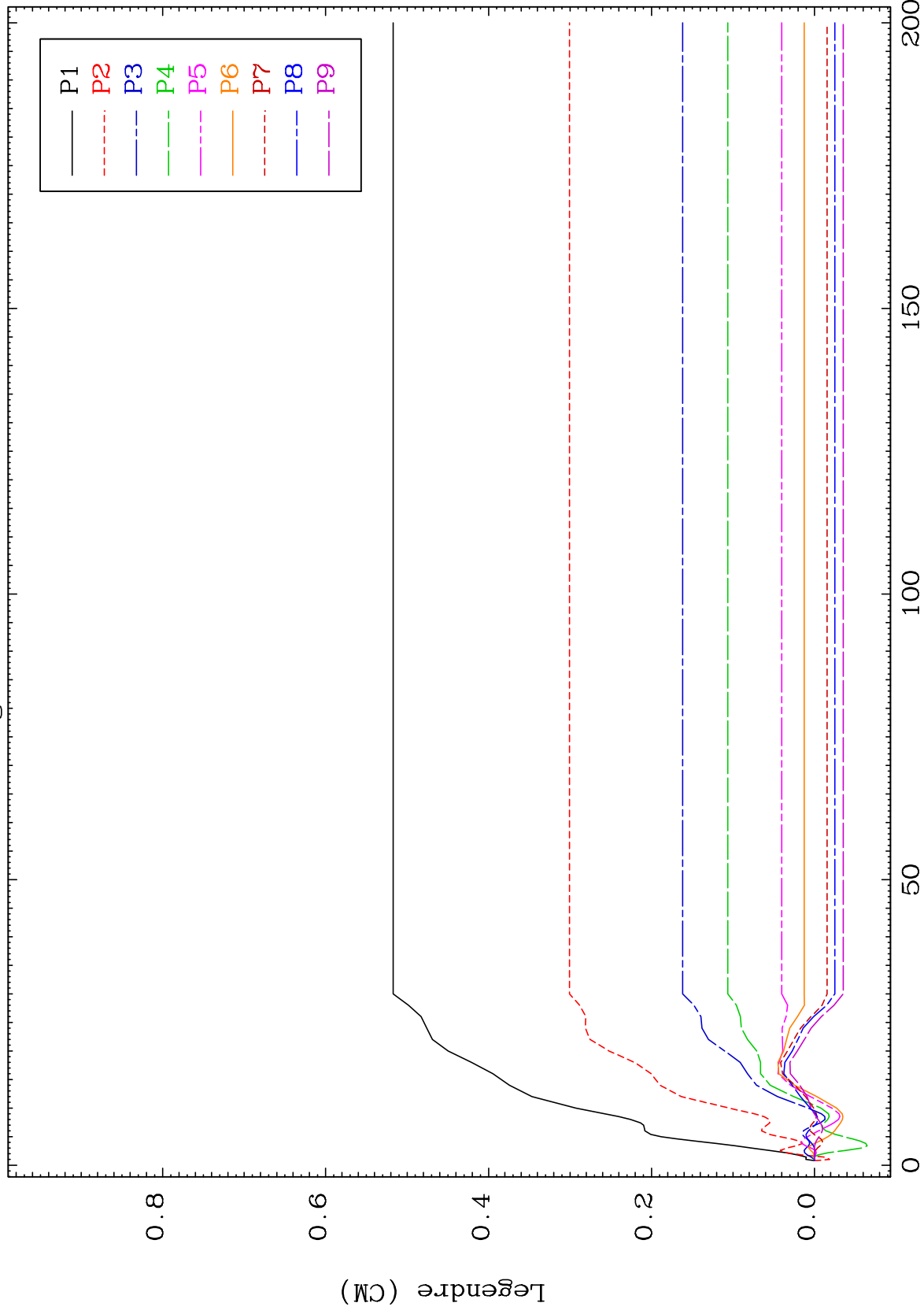
66-Dy-151



MAT 6610

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

66-Dy-151



31

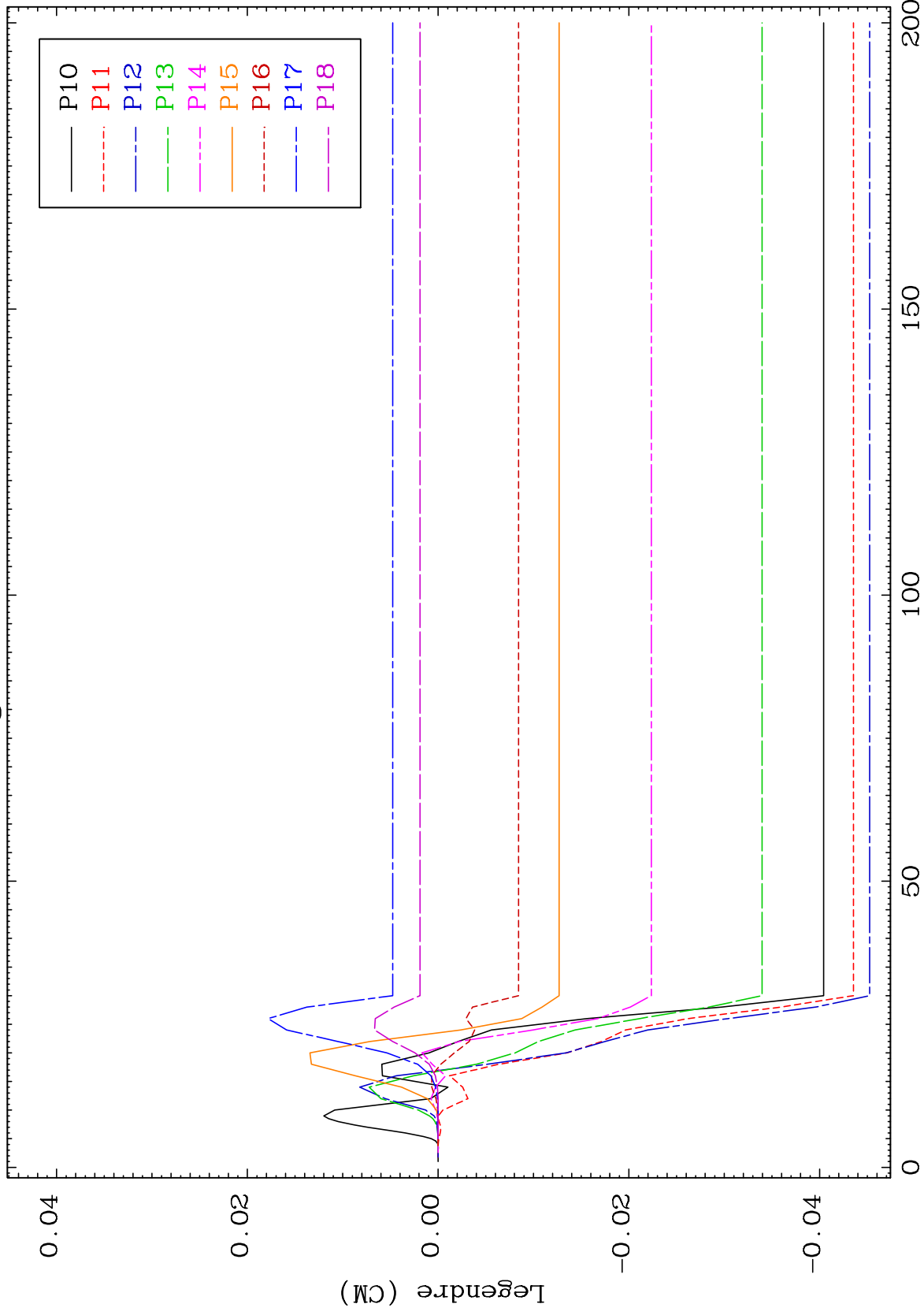
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



32

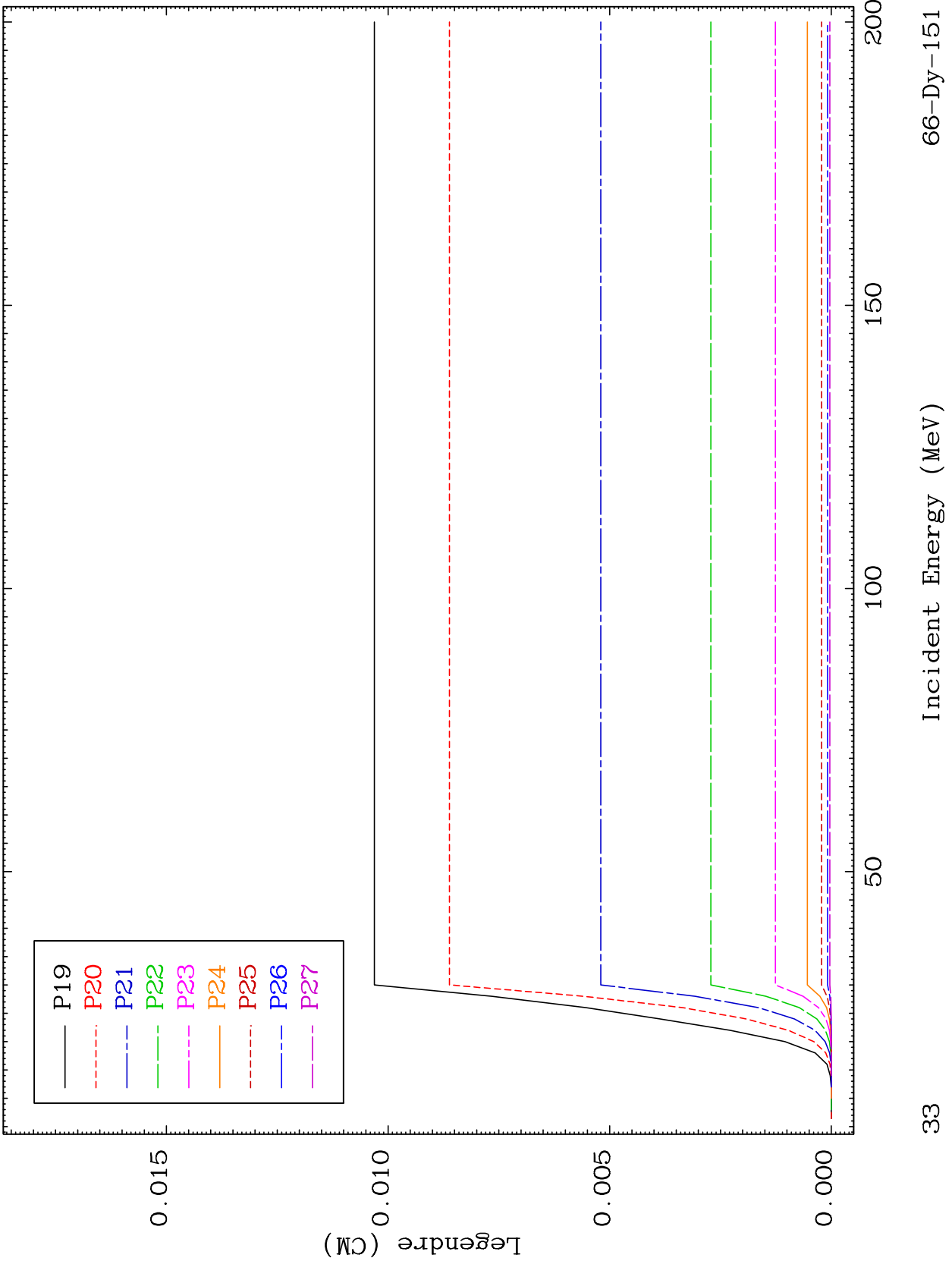
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

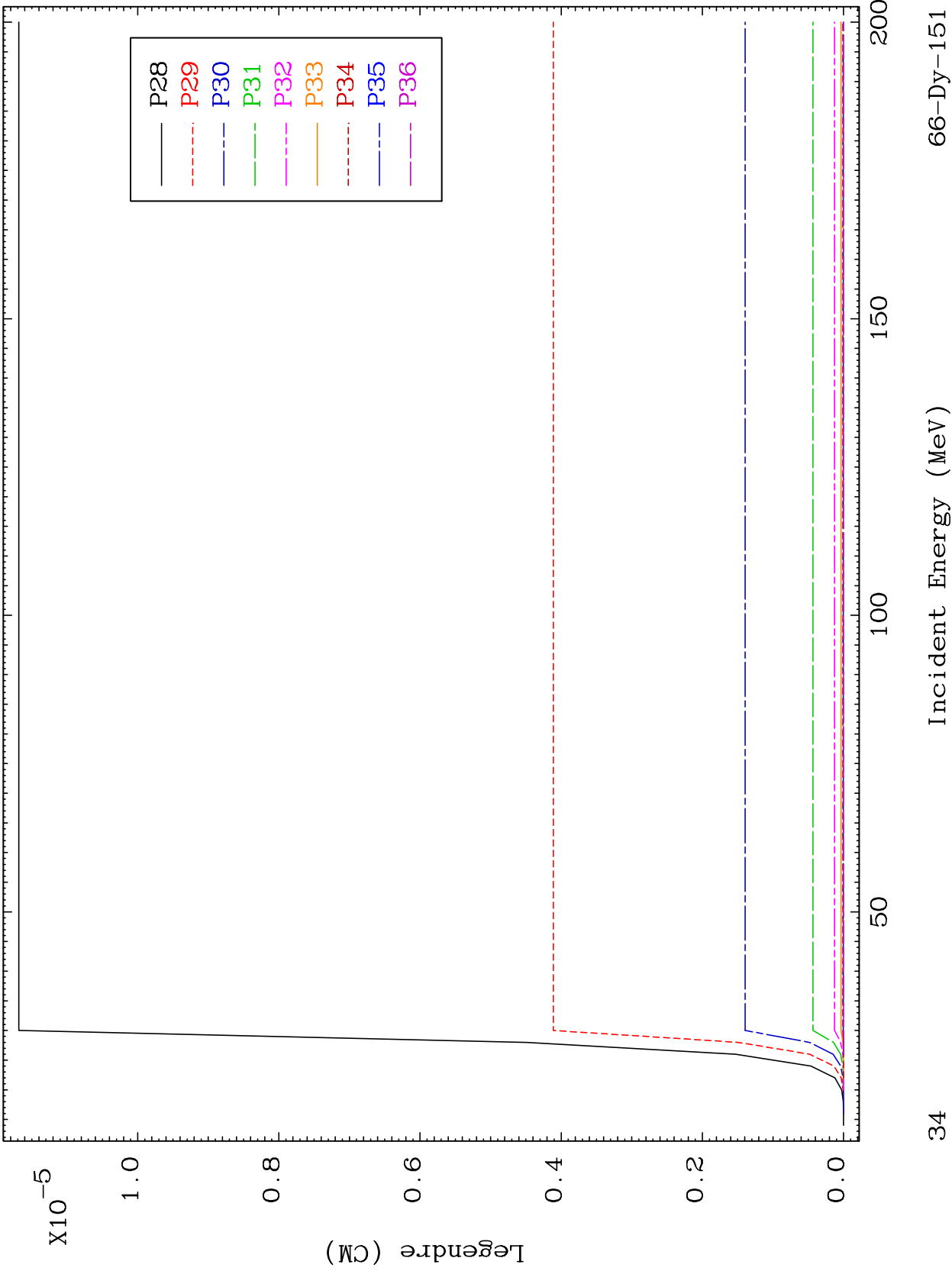
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MAT 6610

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

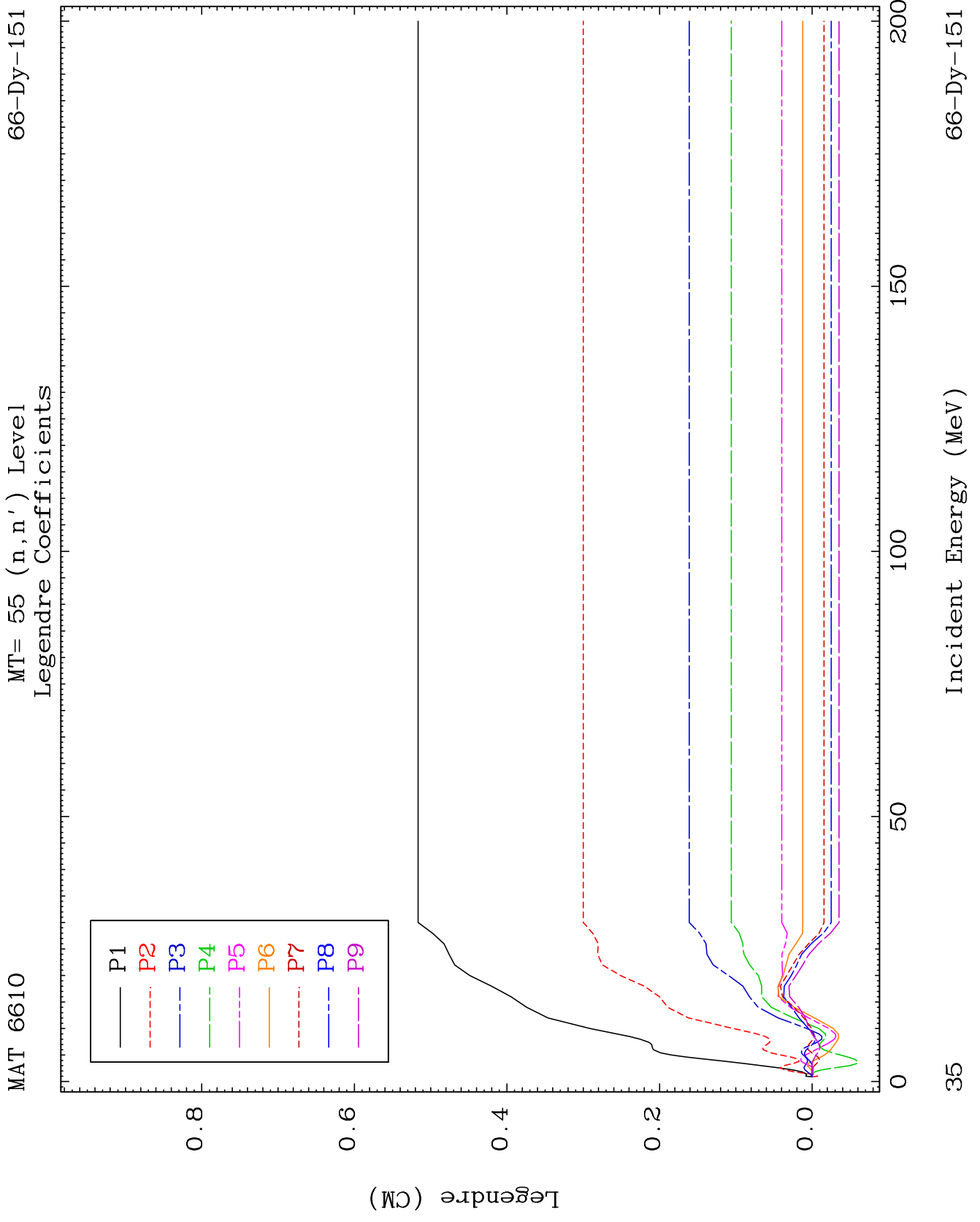
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34

Incident Energy (MeV)

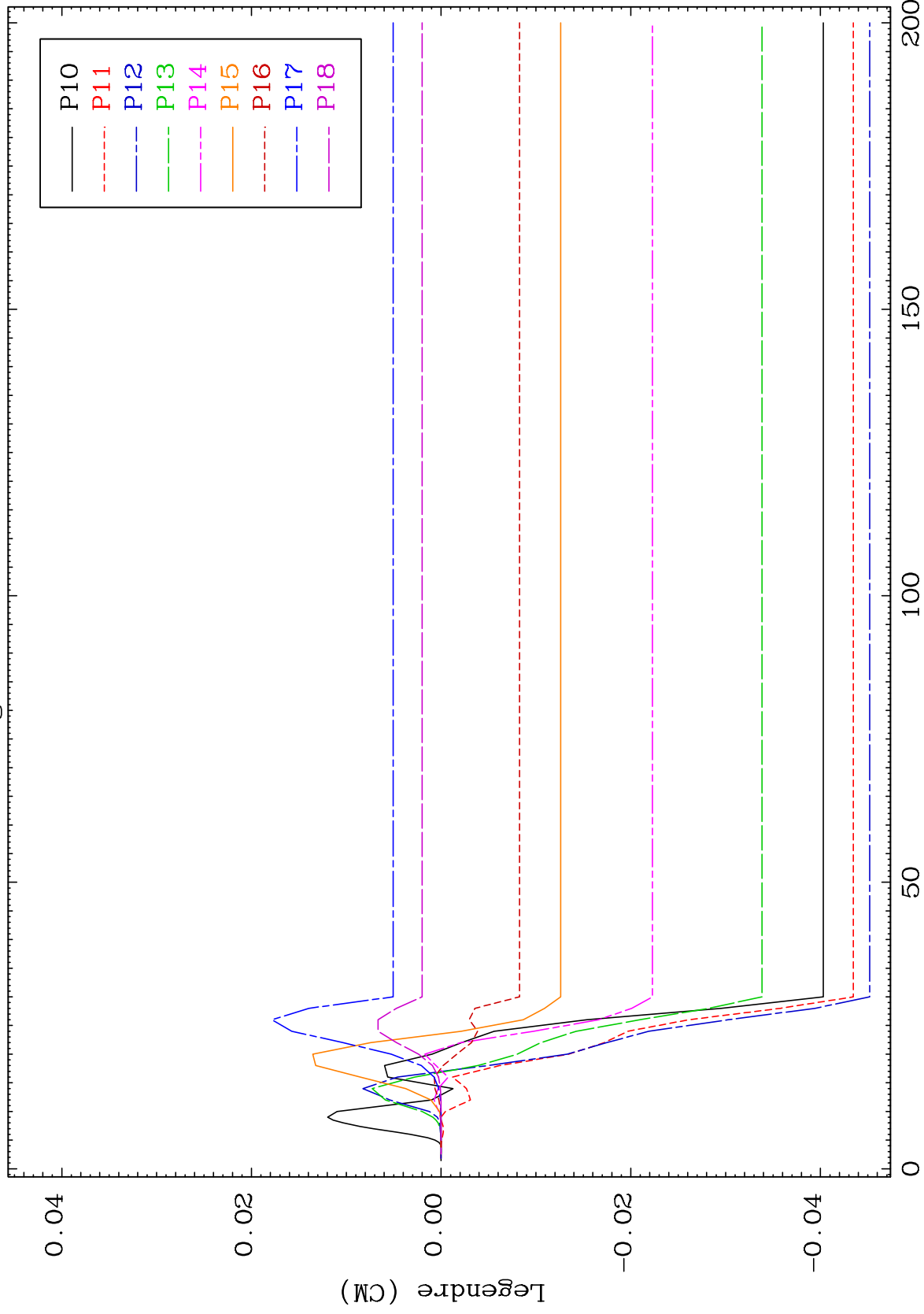
66-Dy-151



MAT 6610

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

66-Dy-151



36

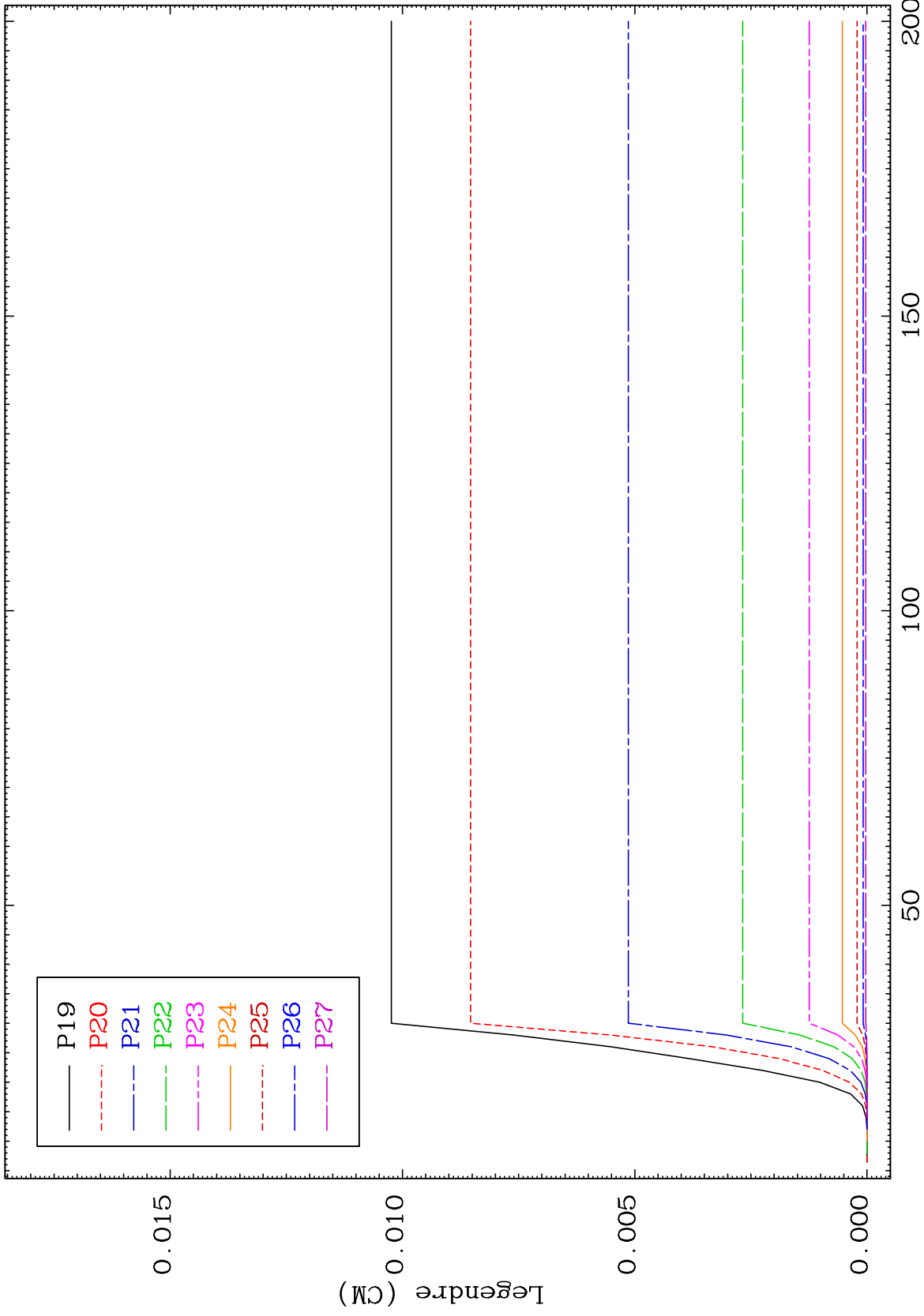
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



37

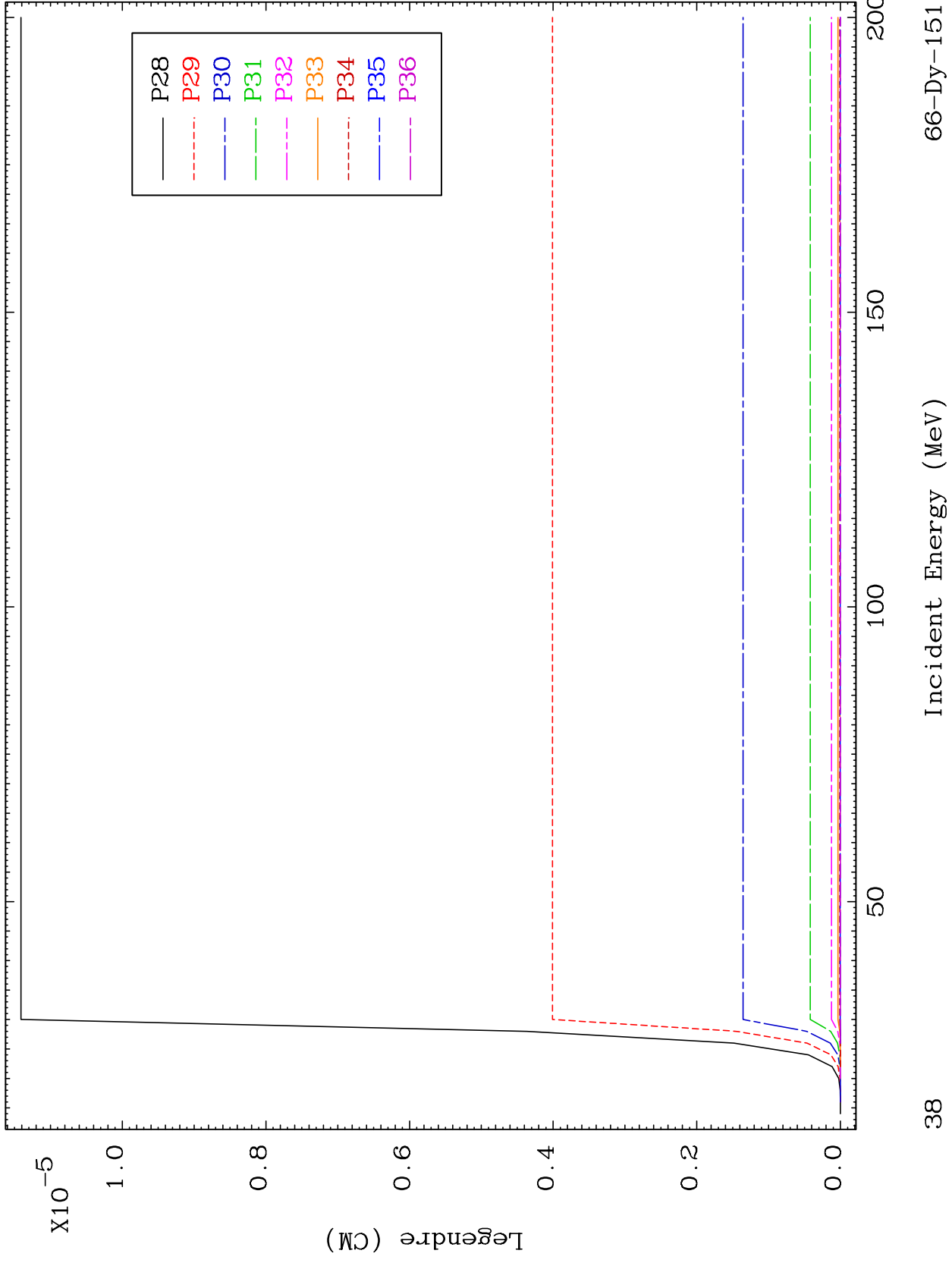
Incident Energy (MeV)

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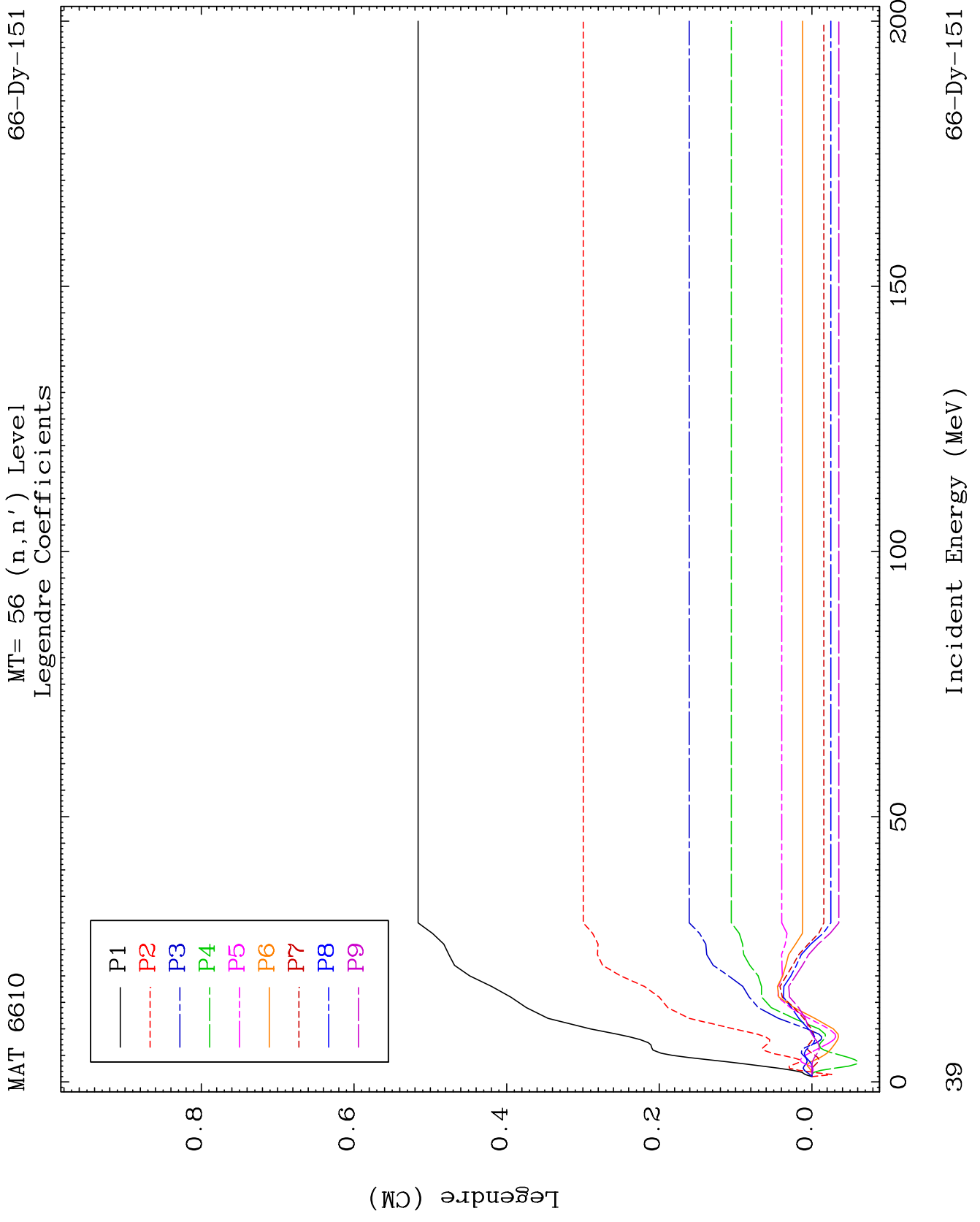
MAT 6610

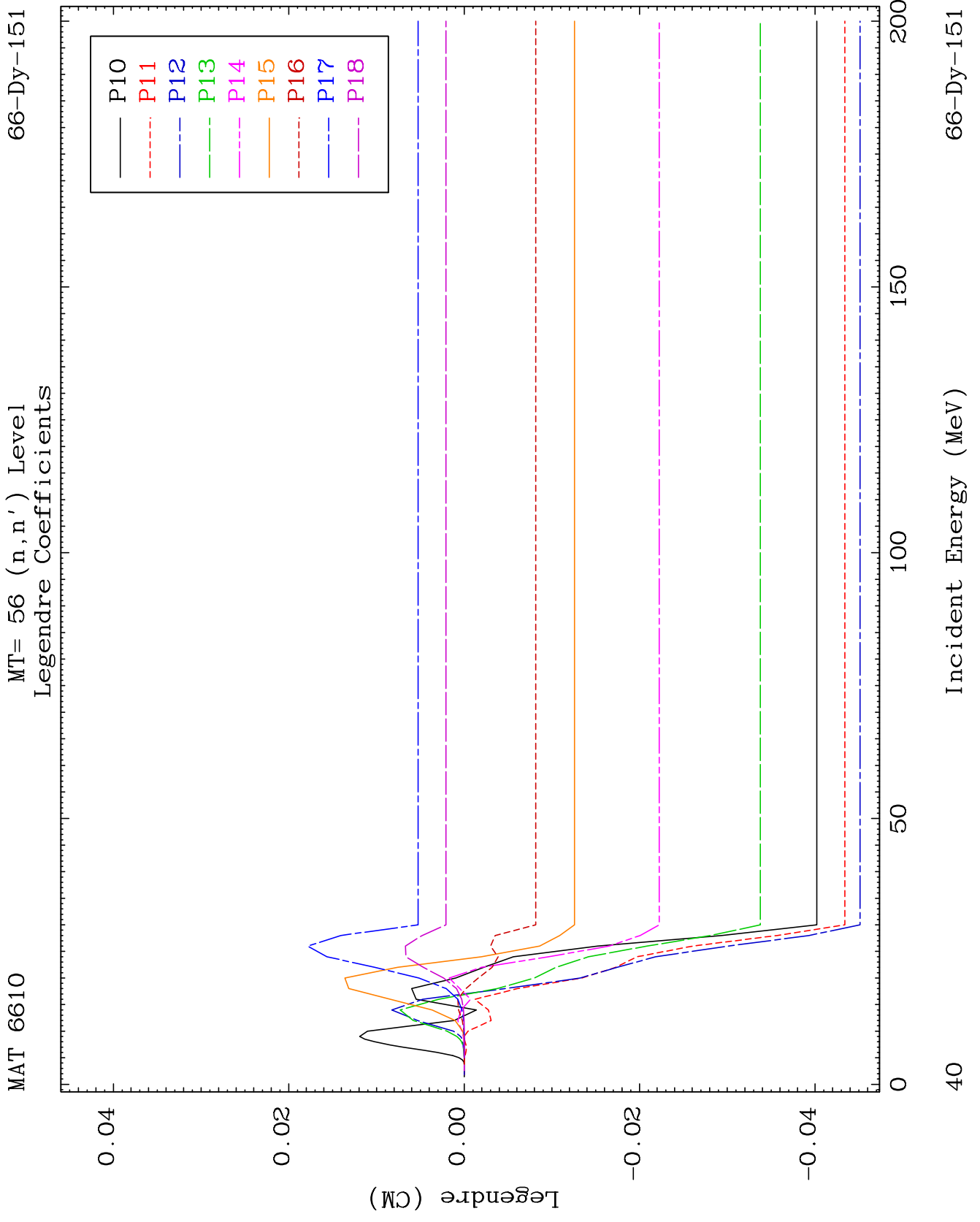
MT= 55 (n,n') Level
Legendre Coefficients

66-Dy-151



38

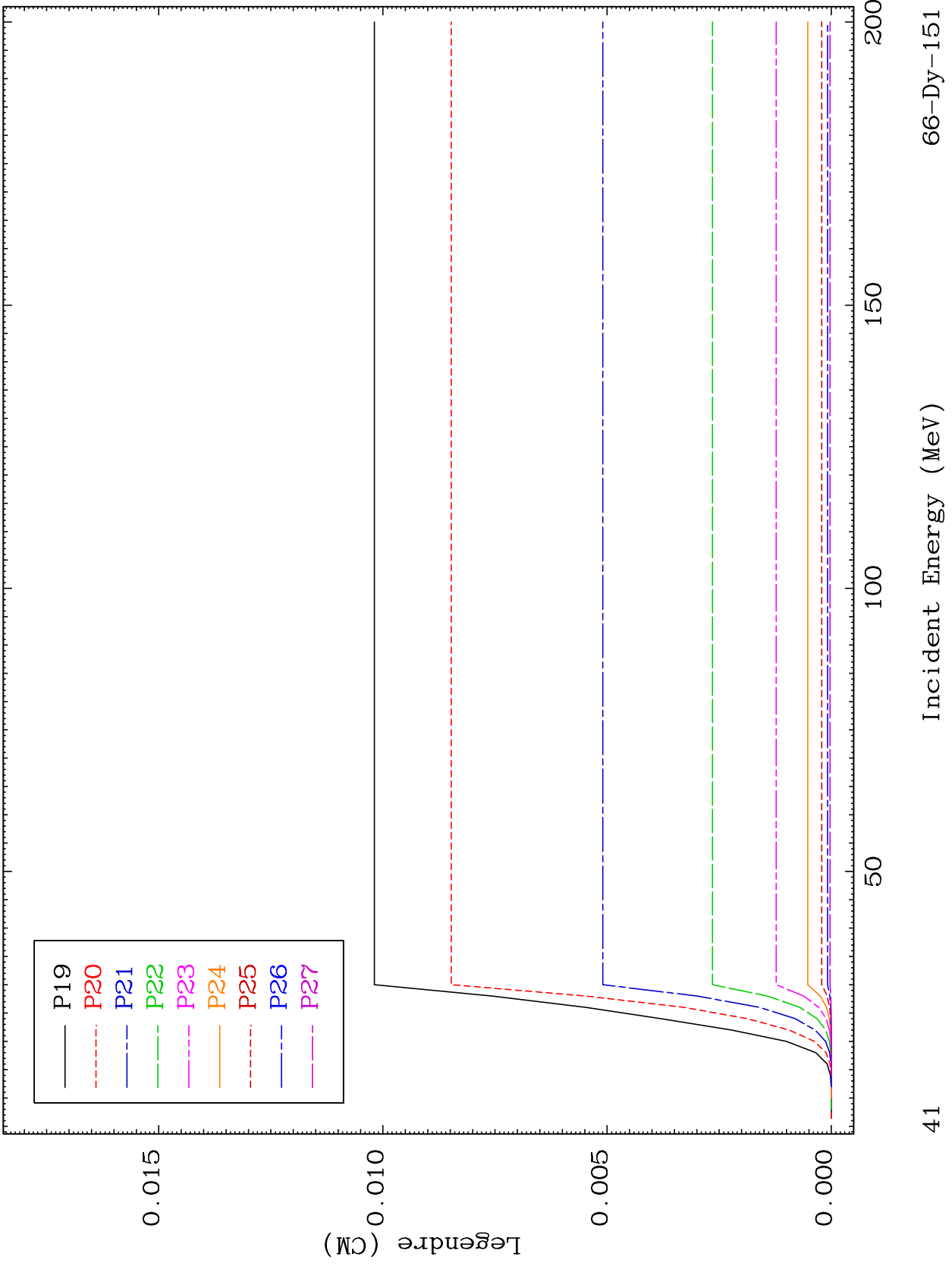


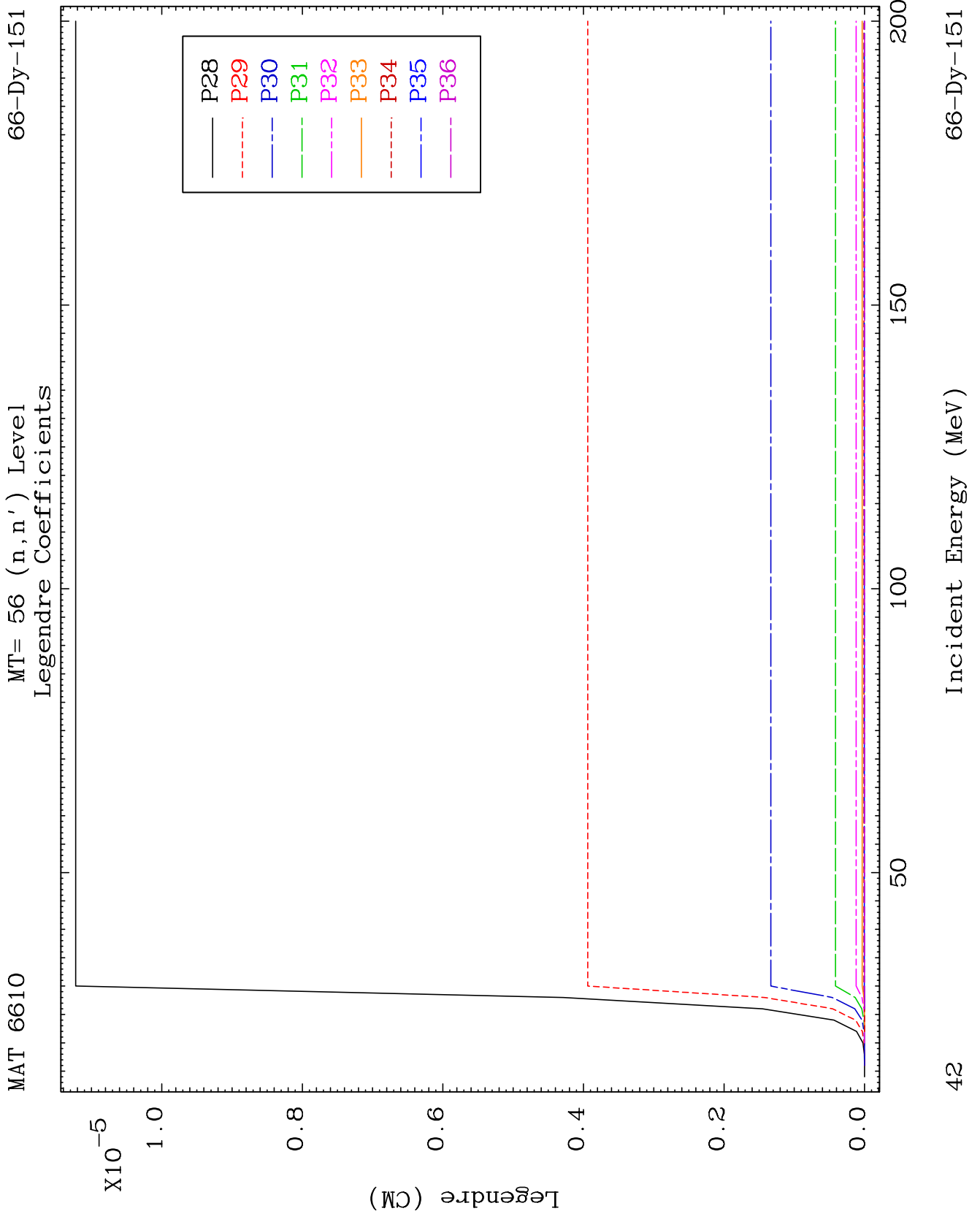


MAT 6610

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

66-Dy-151

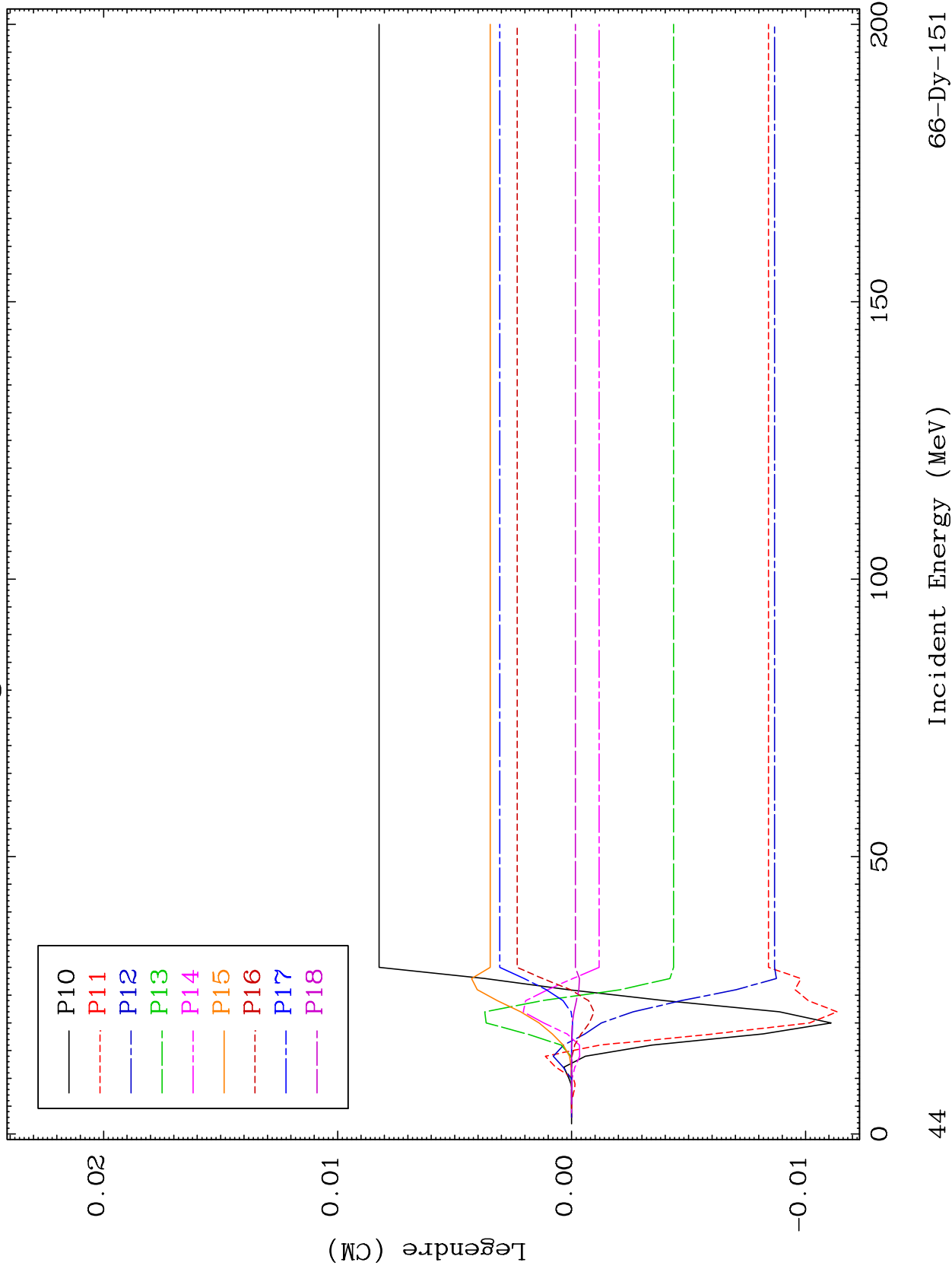


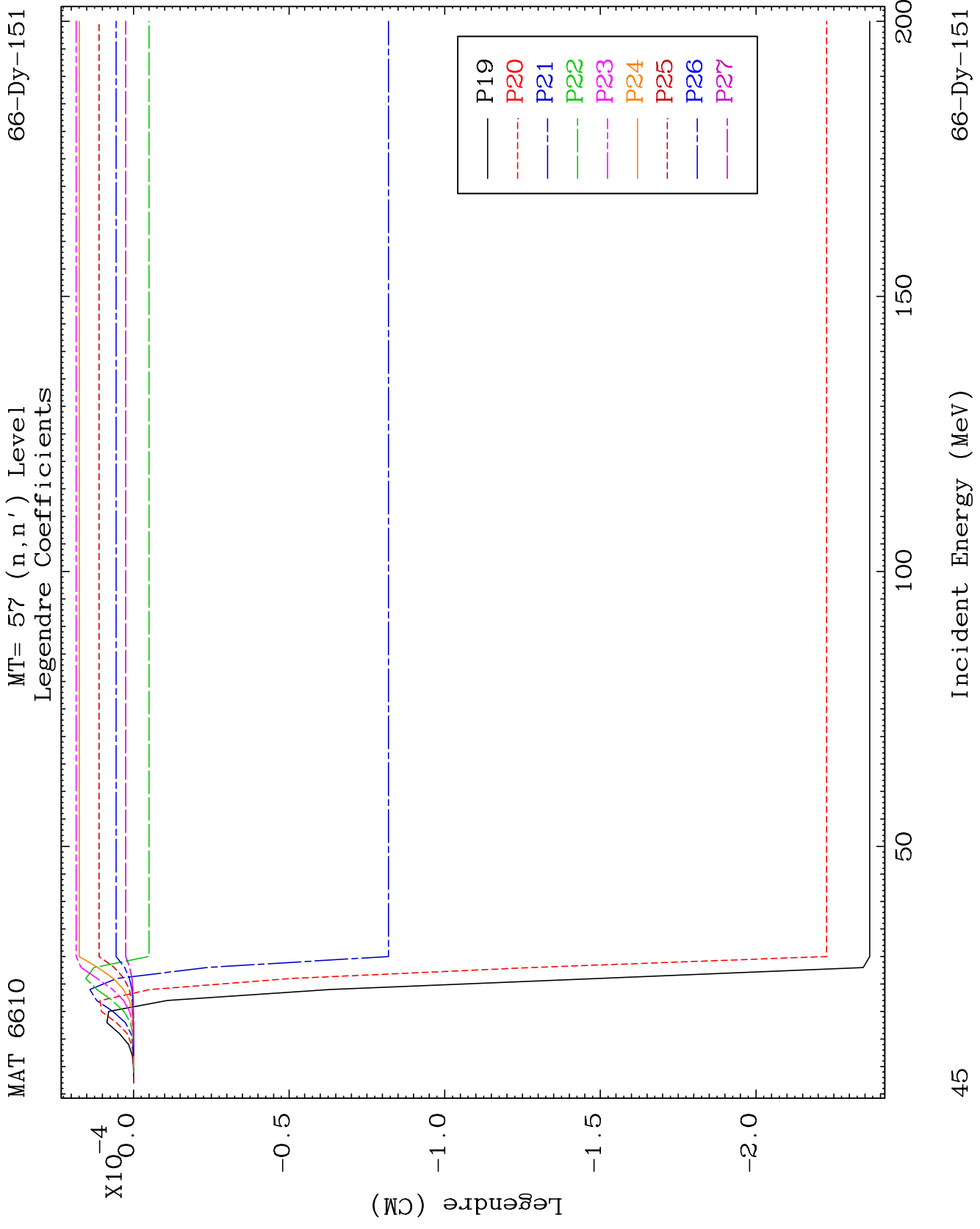


MAT 6610

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

66-Dy-151

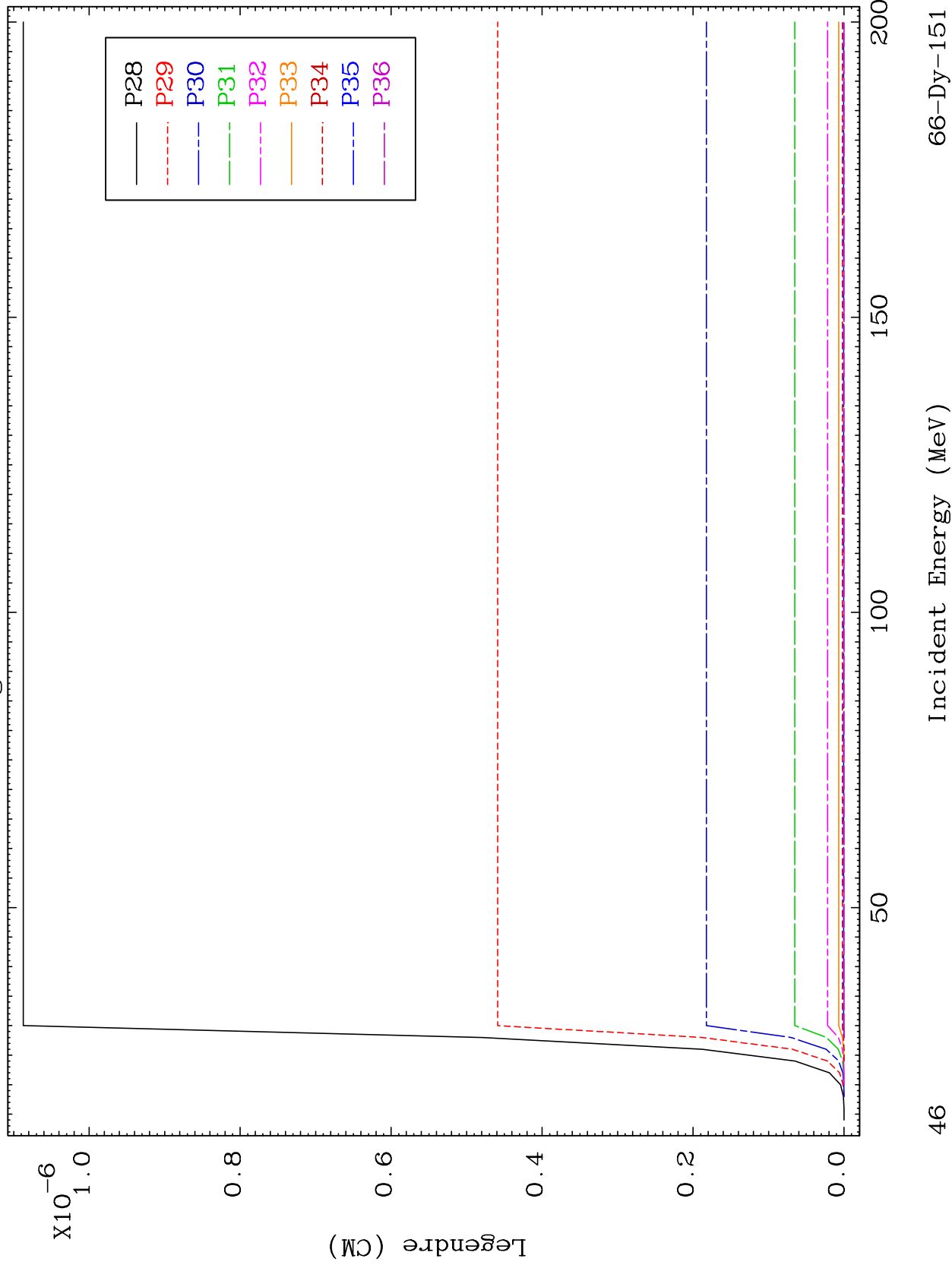




MAT 6610

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

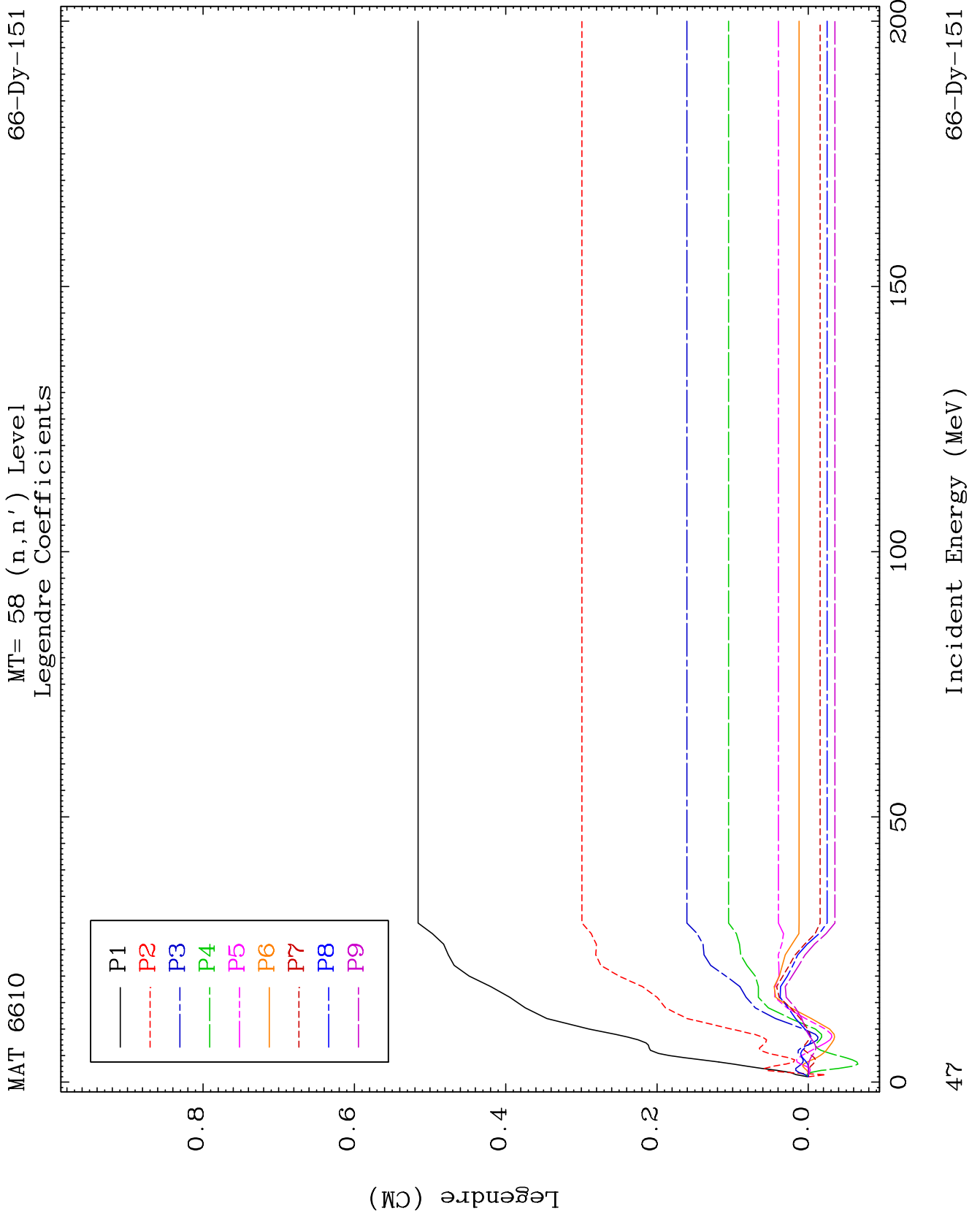
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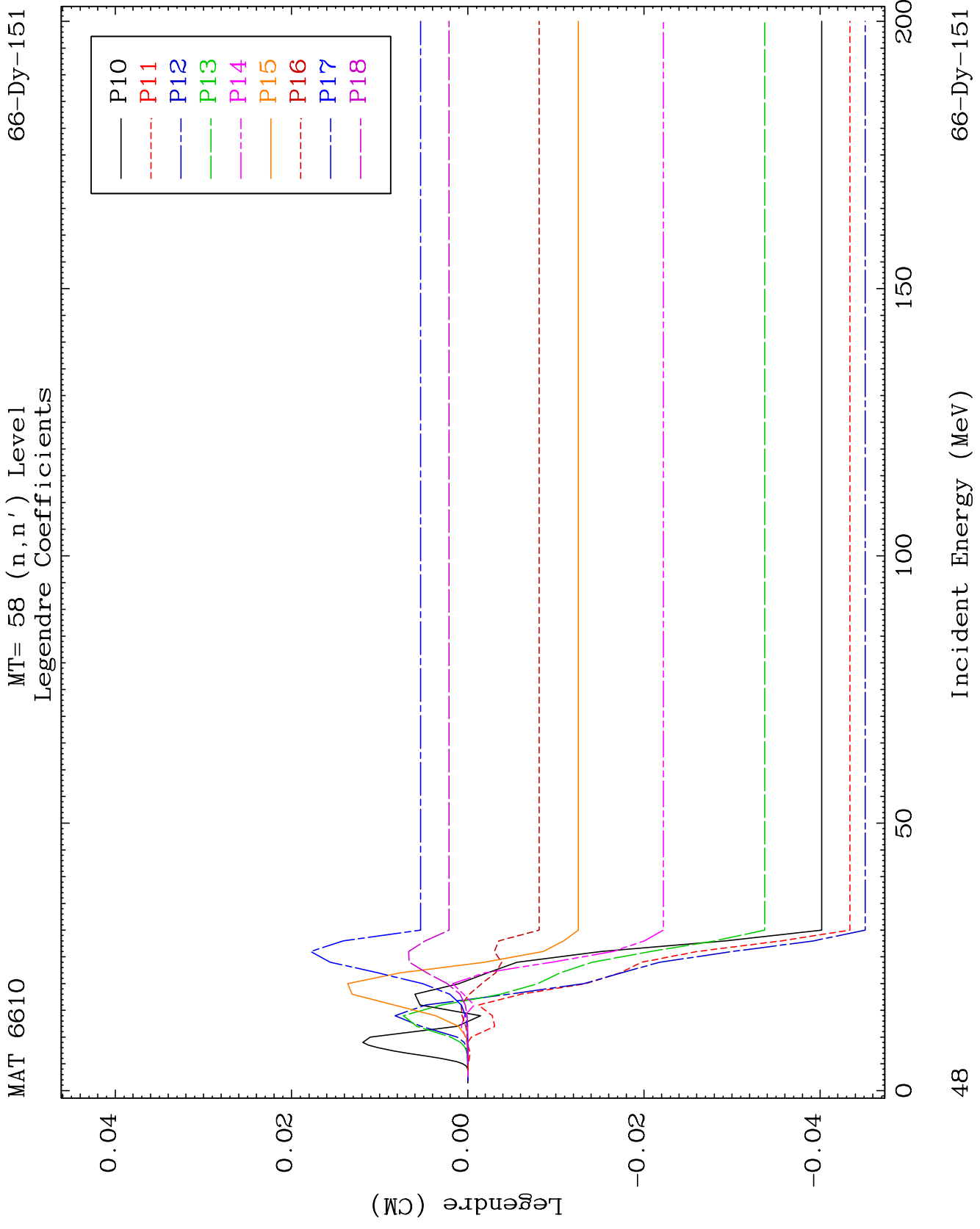


46

Incident Energy (MeV)

66-Dy-151

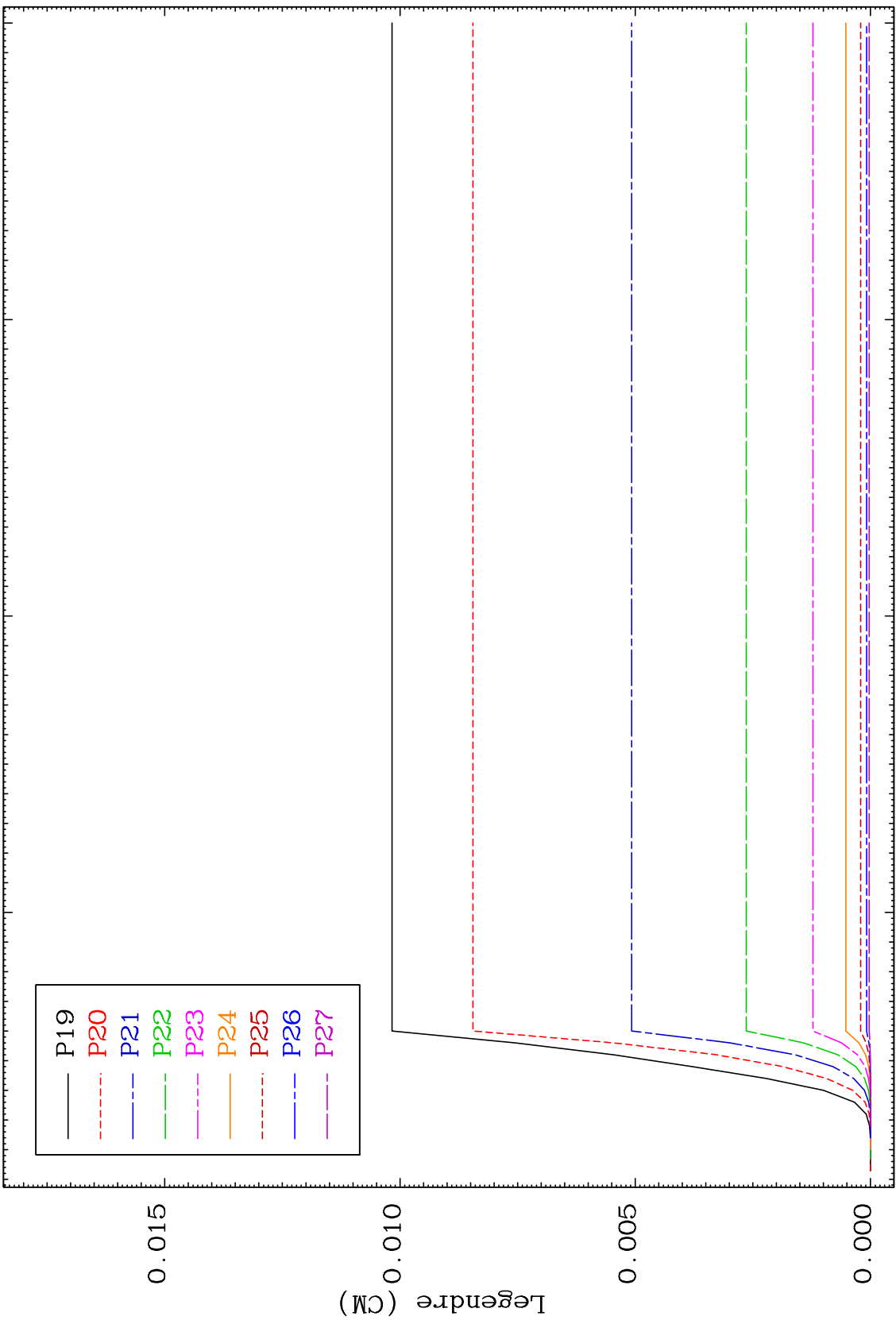




MAT 6610

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

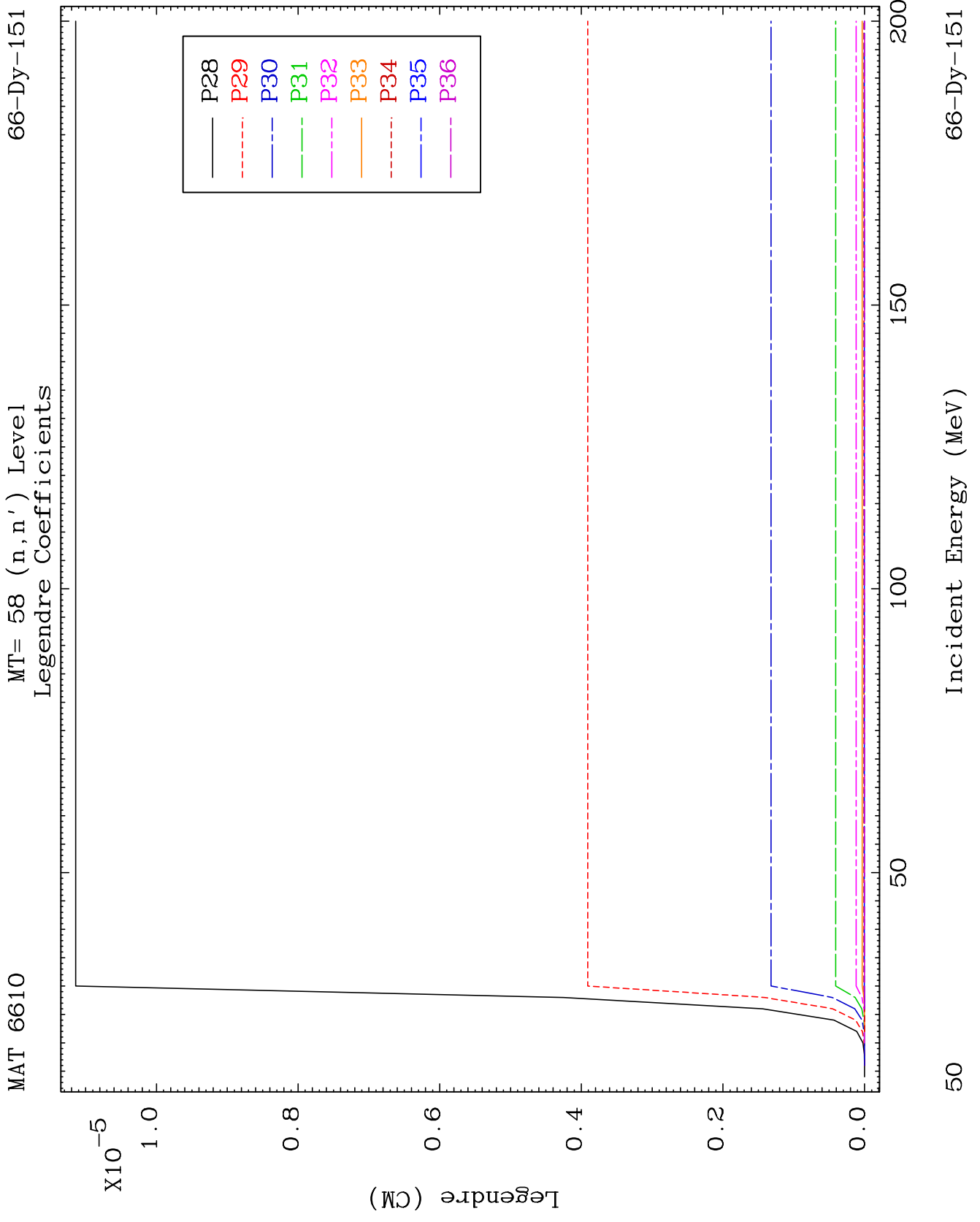
66-Dy-151



49

Incident Energy (MeV)

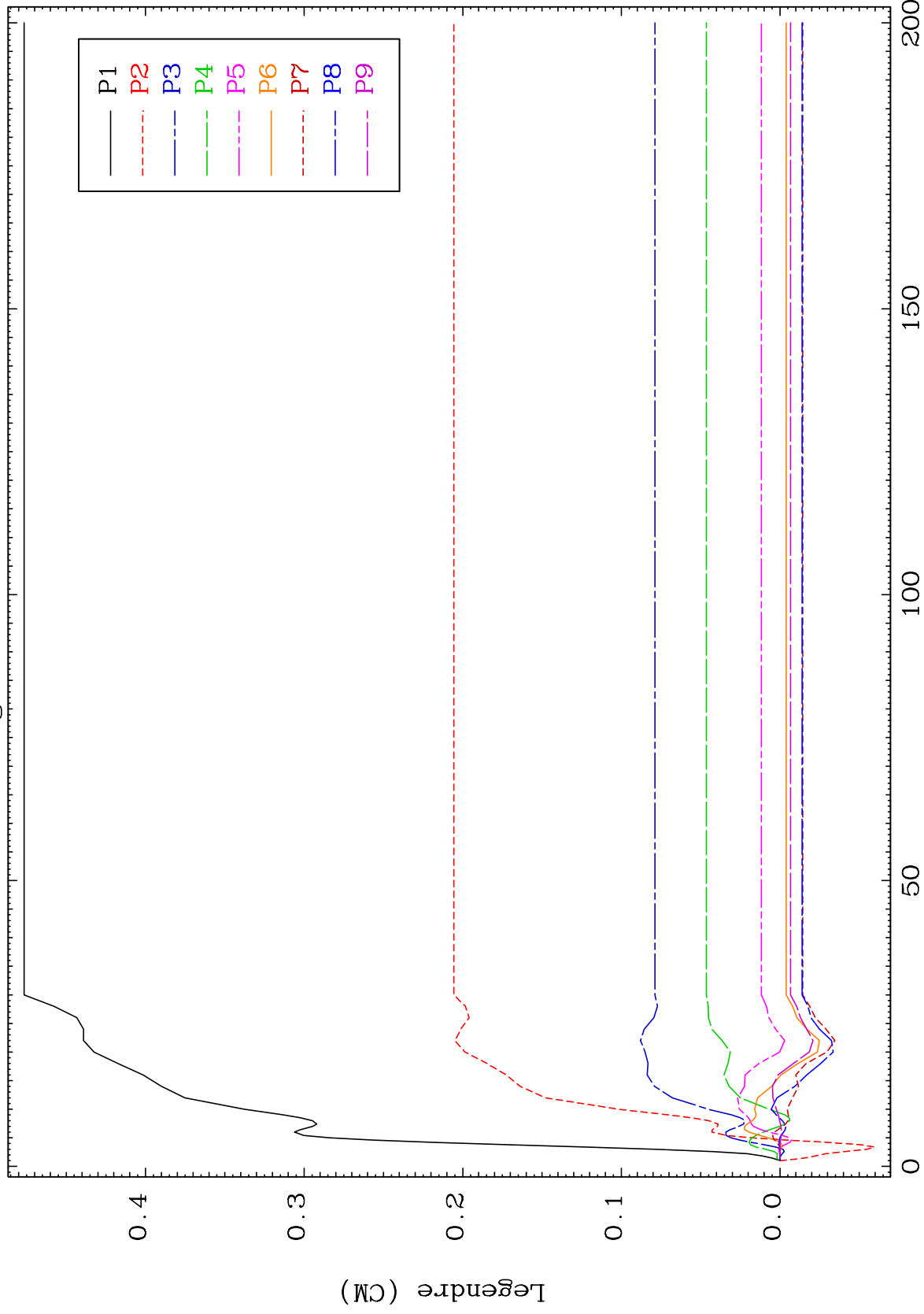
66-Dy-151



MAT 6610

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

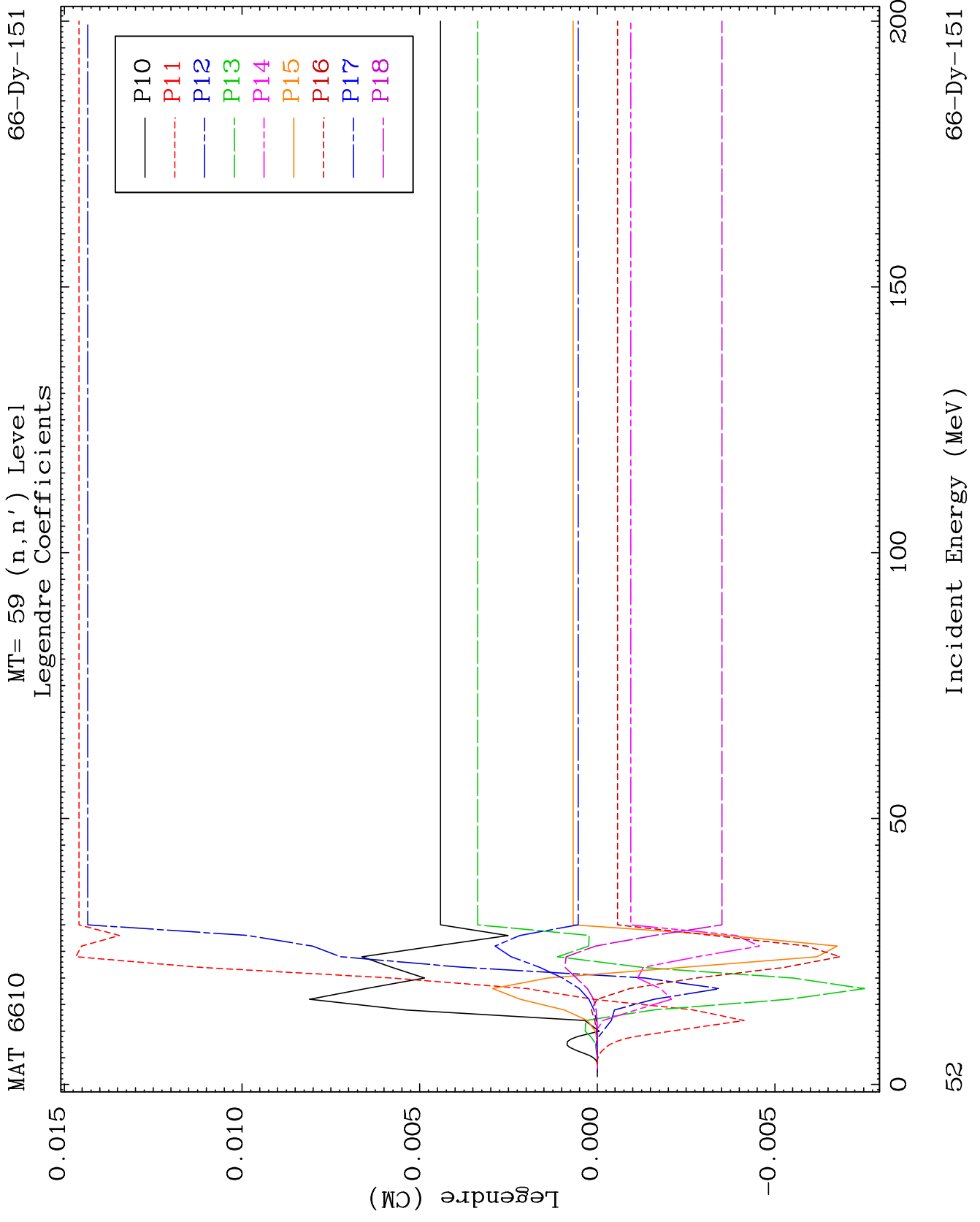
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51

Incident Energy (MeV)

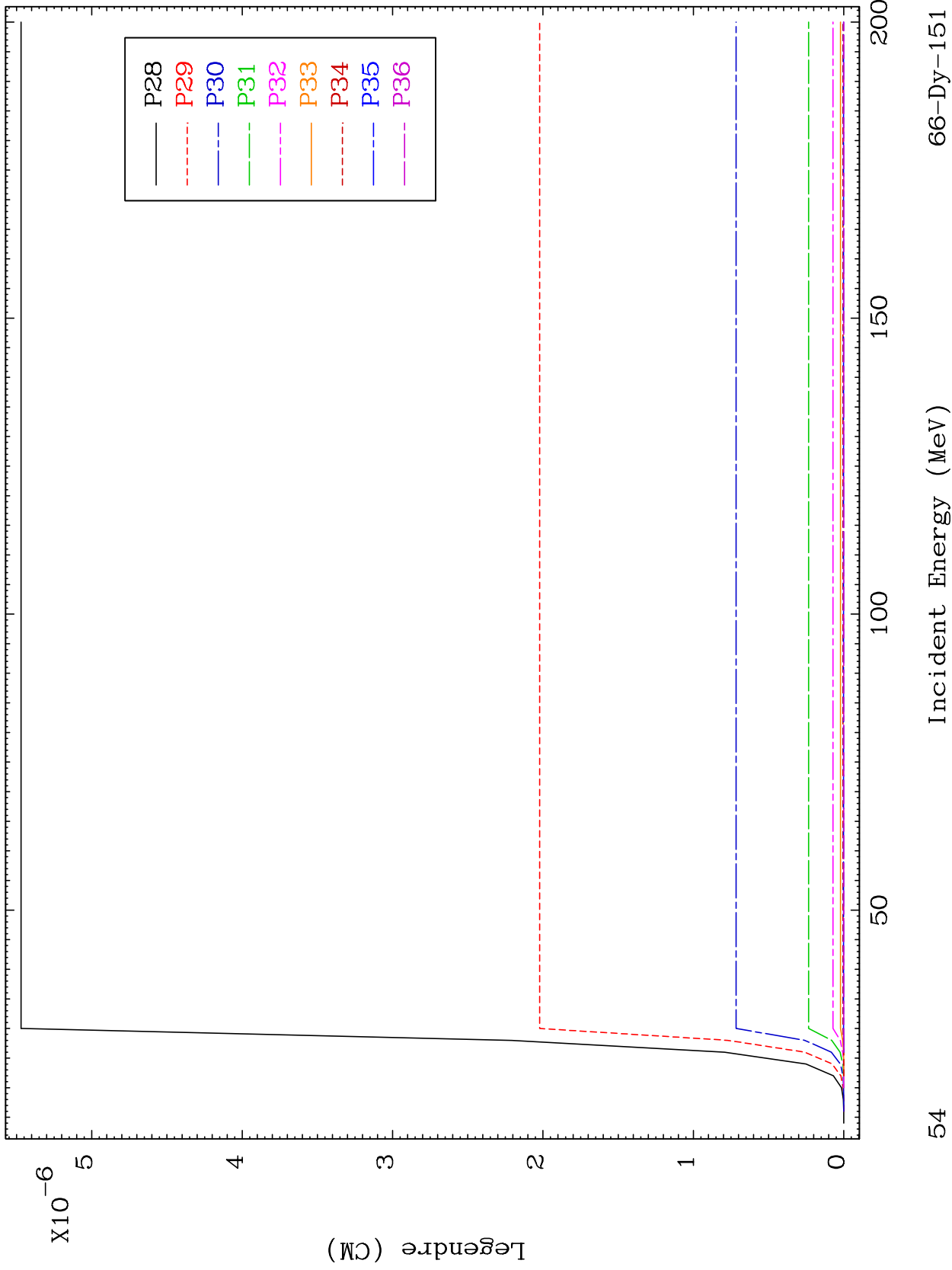
66-Dy-151



MAT 6610

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

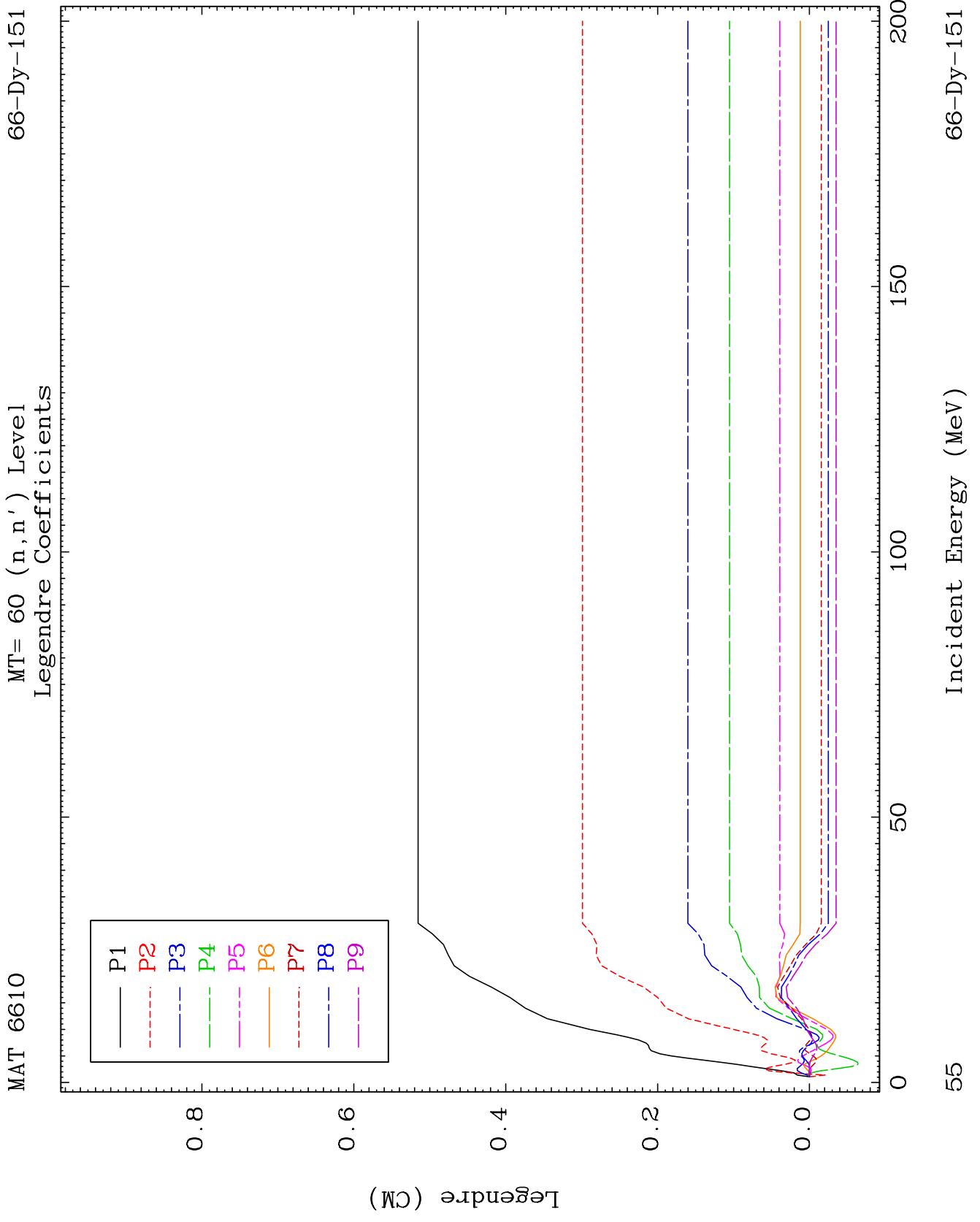
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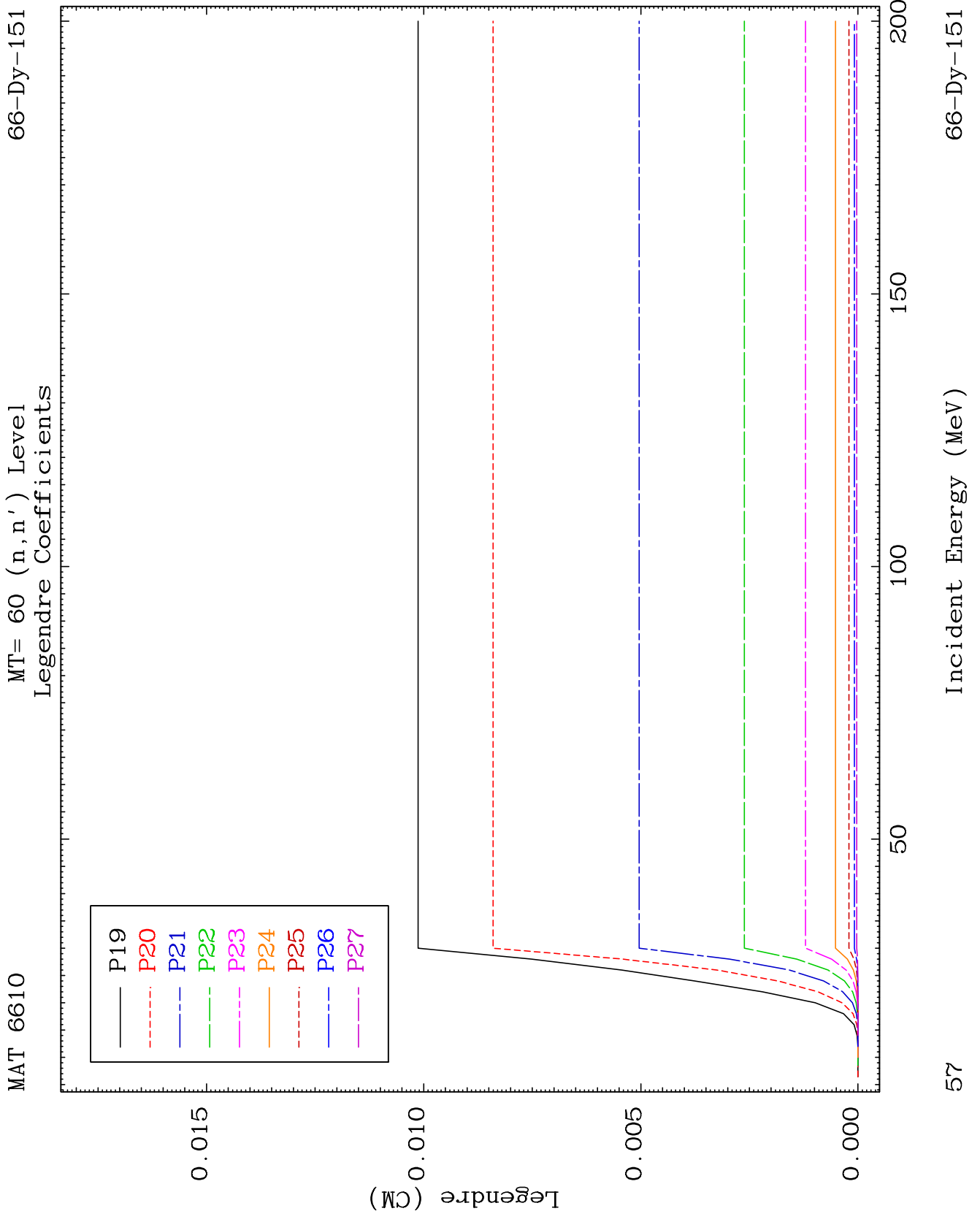


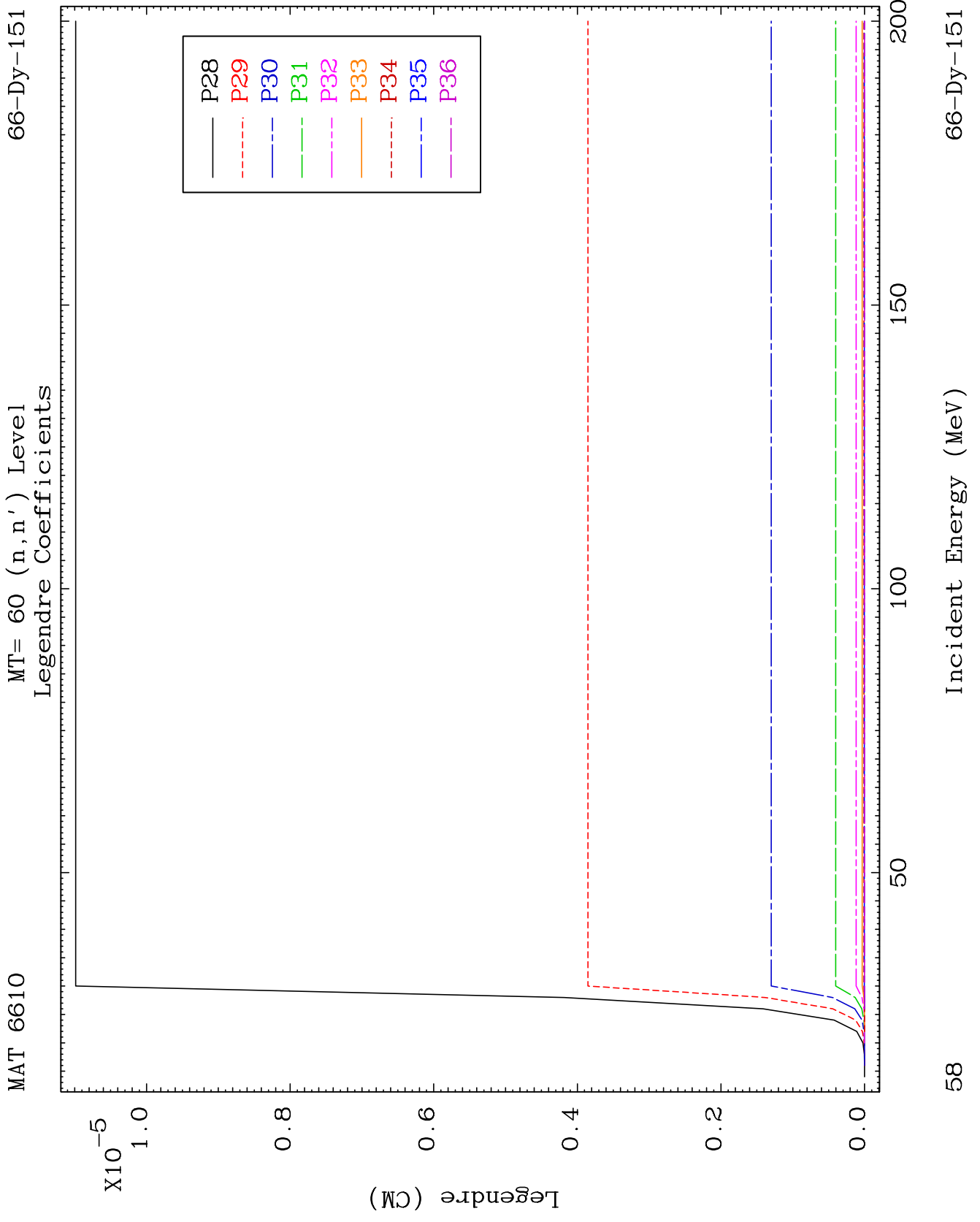
54

Incident Energy (MeV)

66-Dy-151



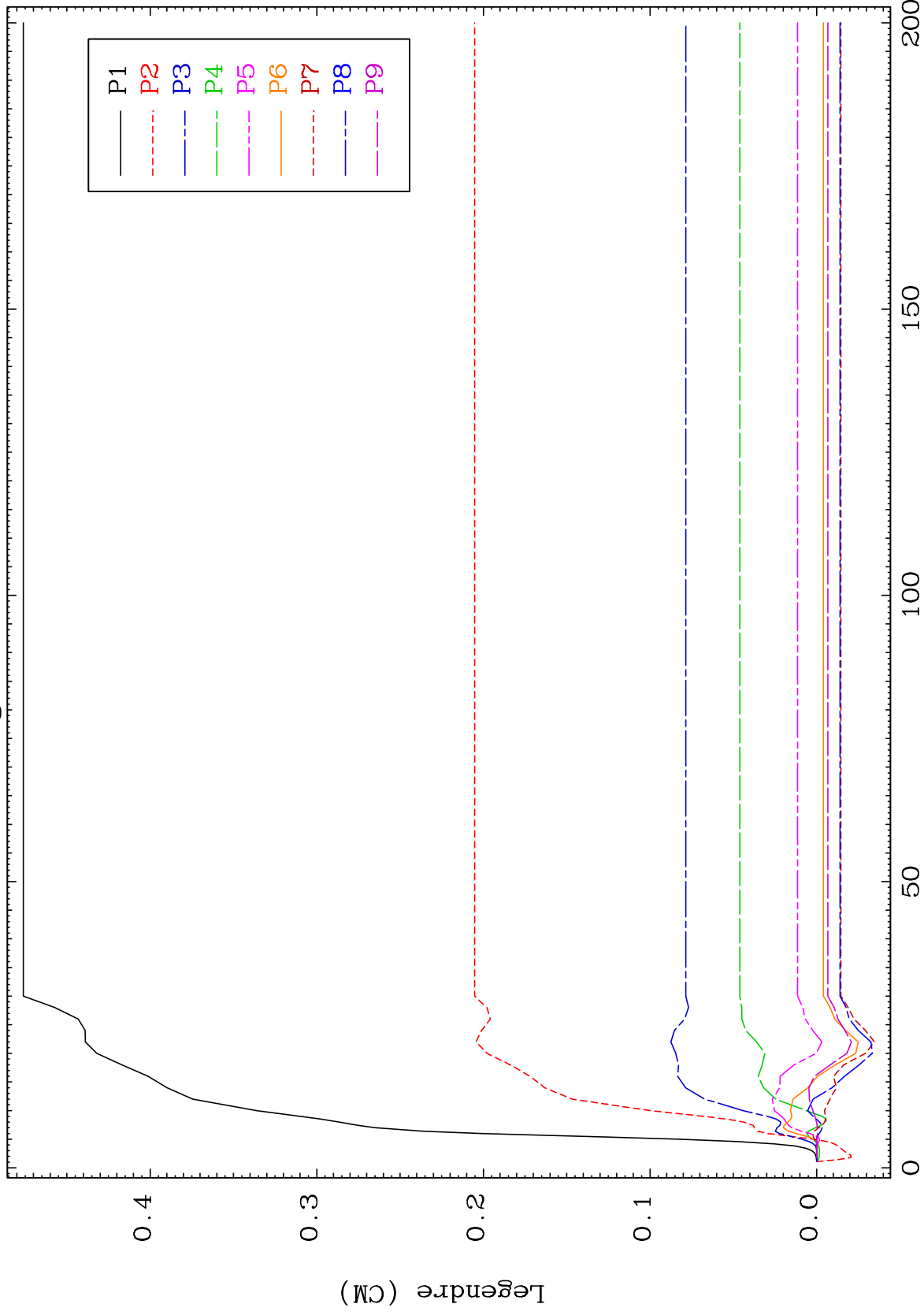




MAT 6610

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

66-Dy-151



59

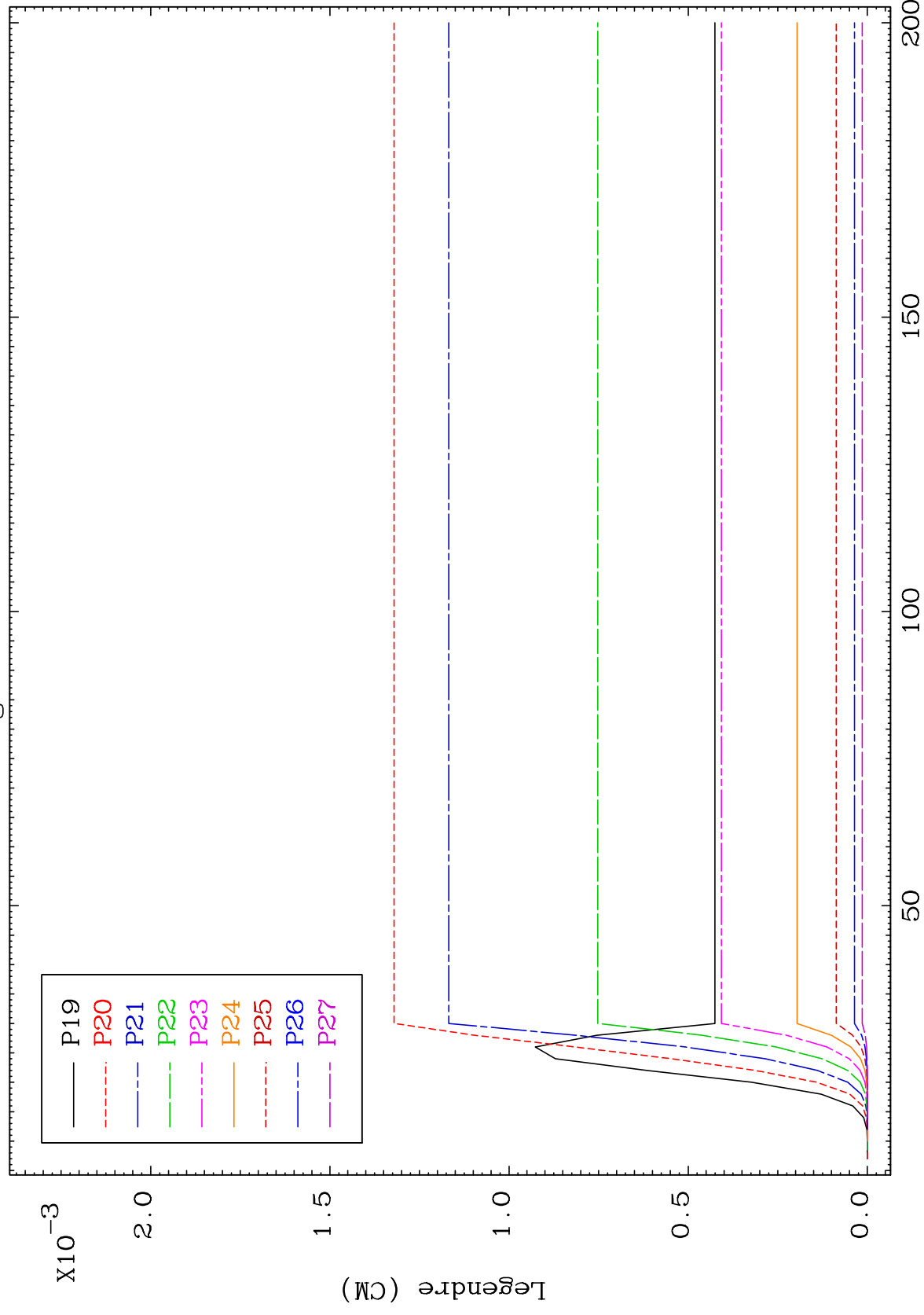
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



61

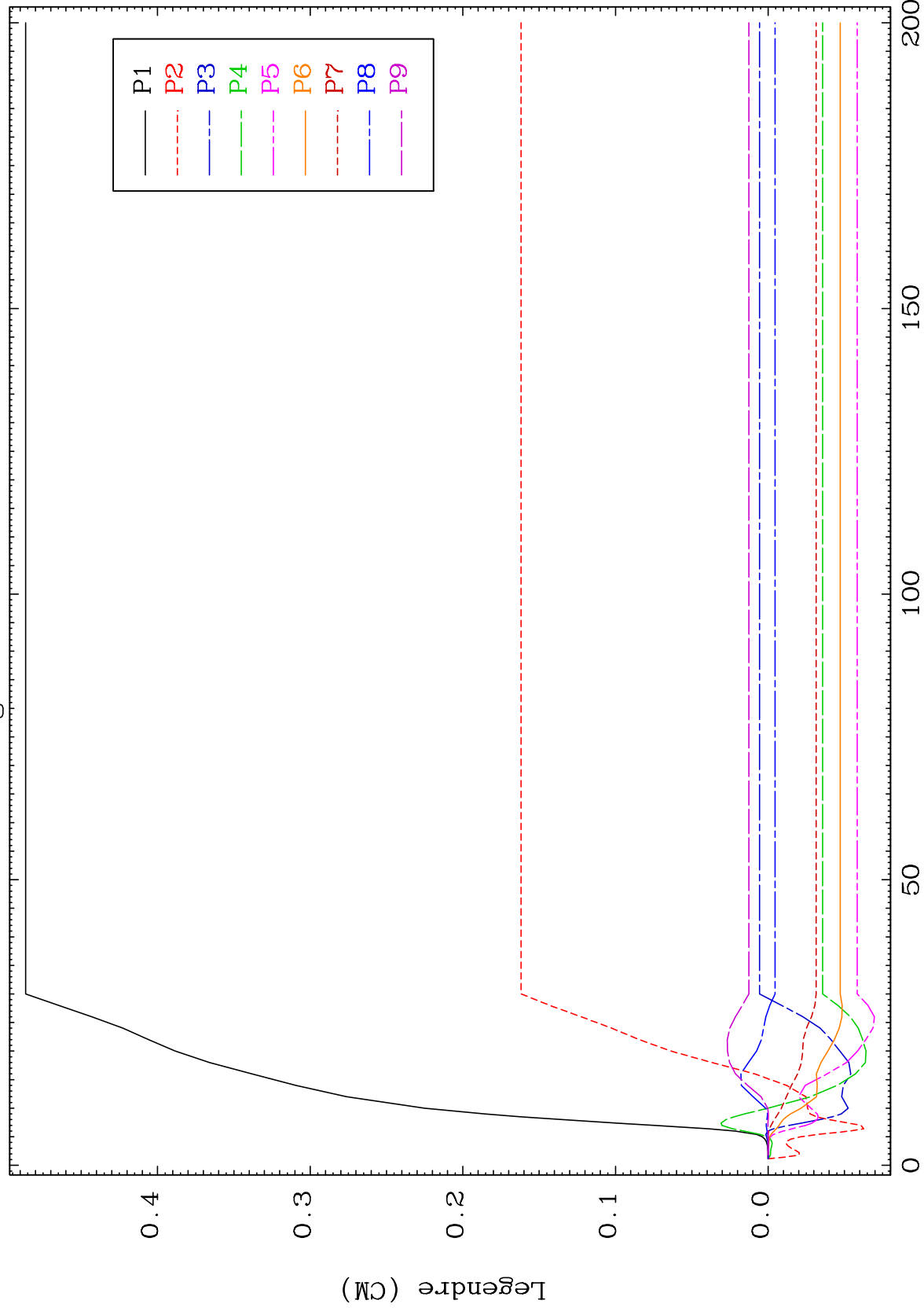
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

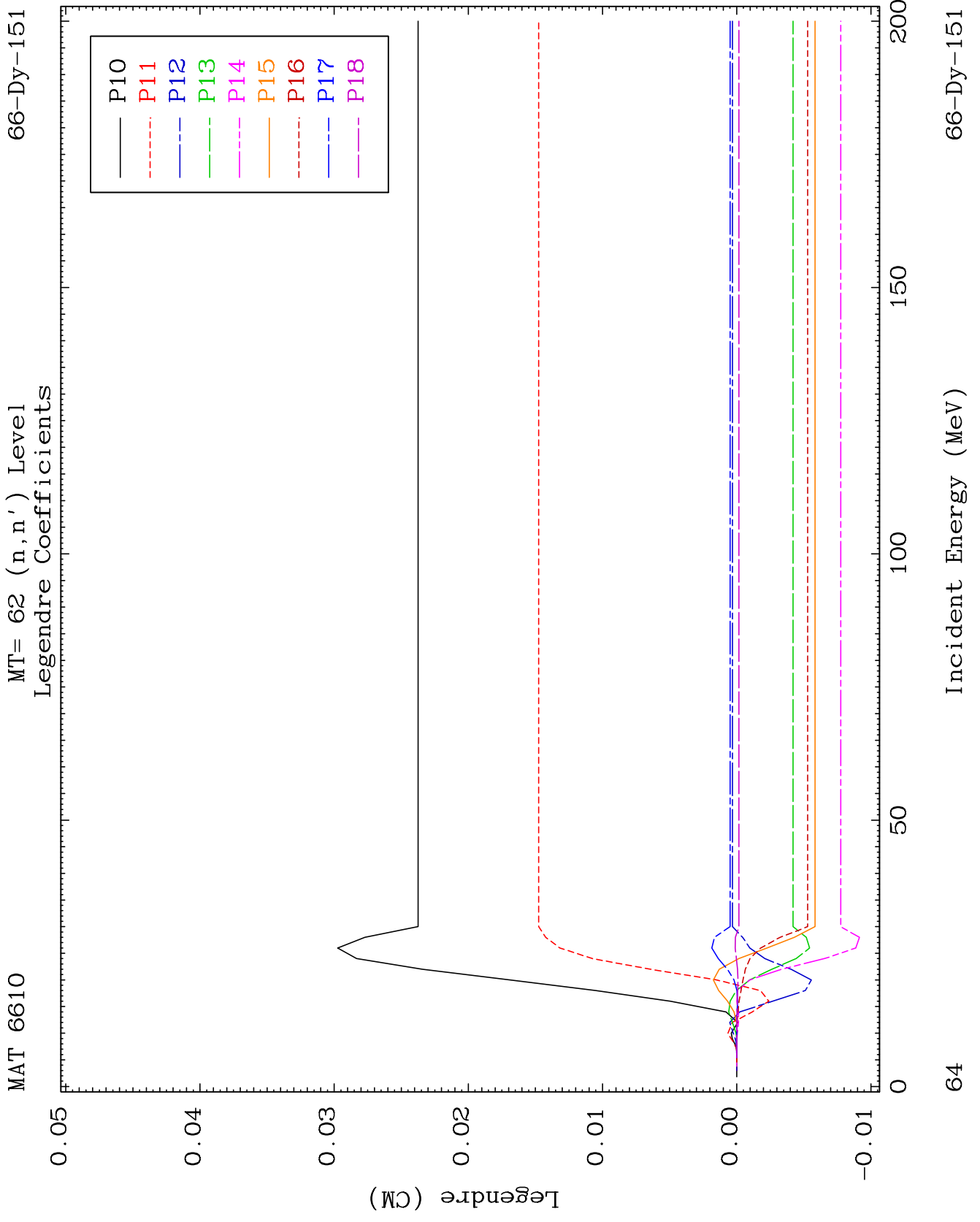
66-Dy-151



63

Incident Energy (MeV)

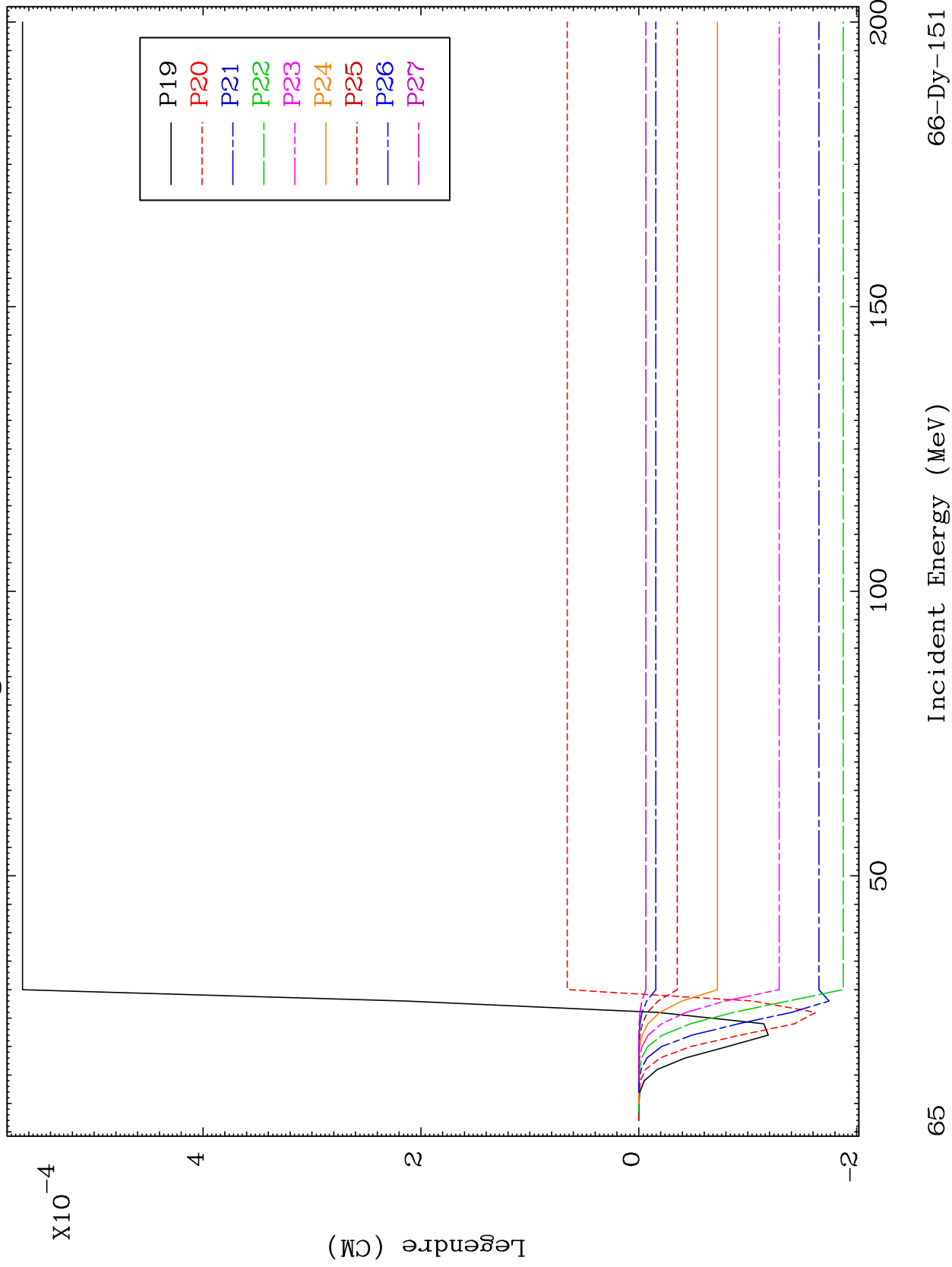
66-Dy-151



MAT 6610

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

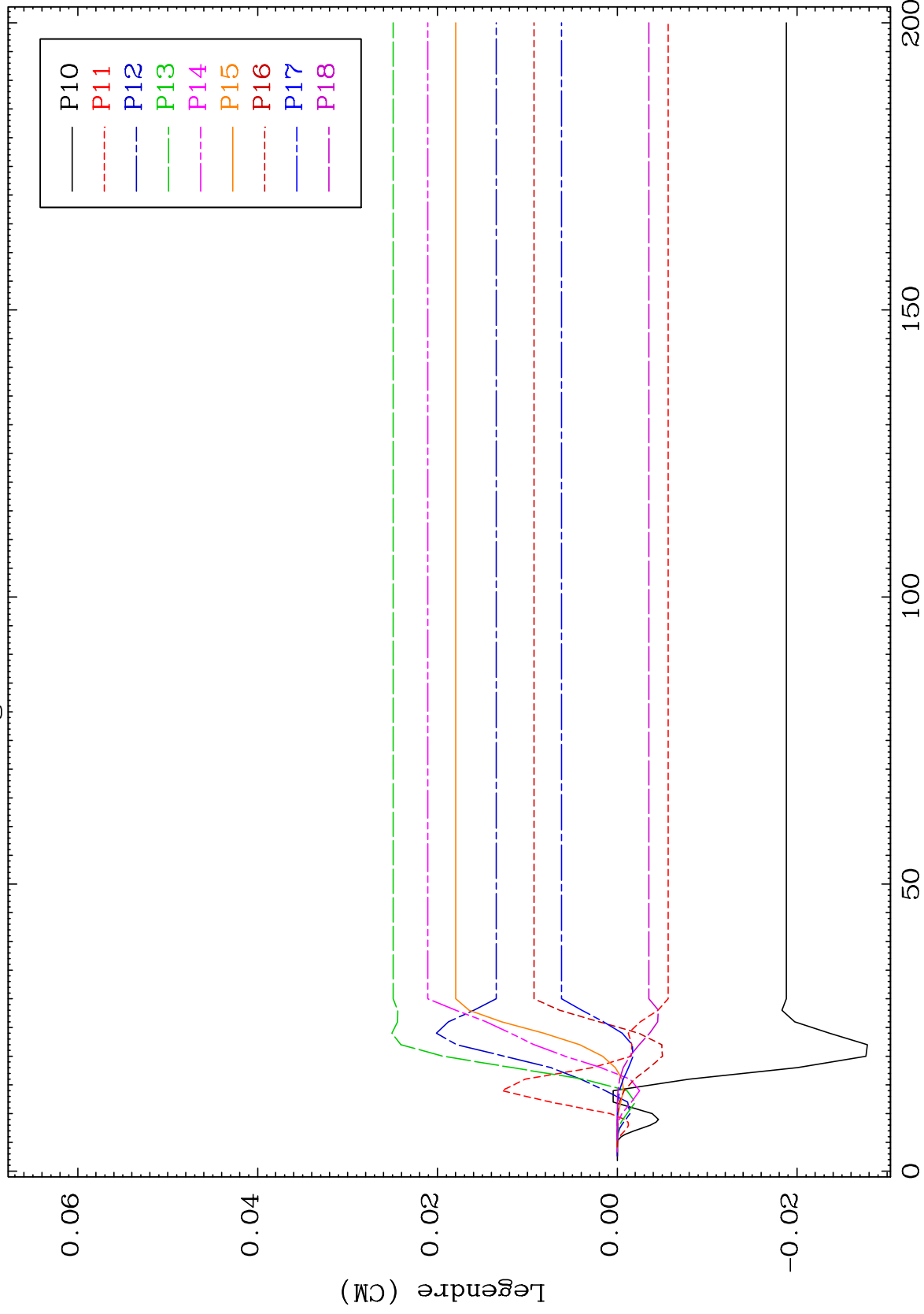
66-Dy-151



MAT 6610

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

66-Dy-151



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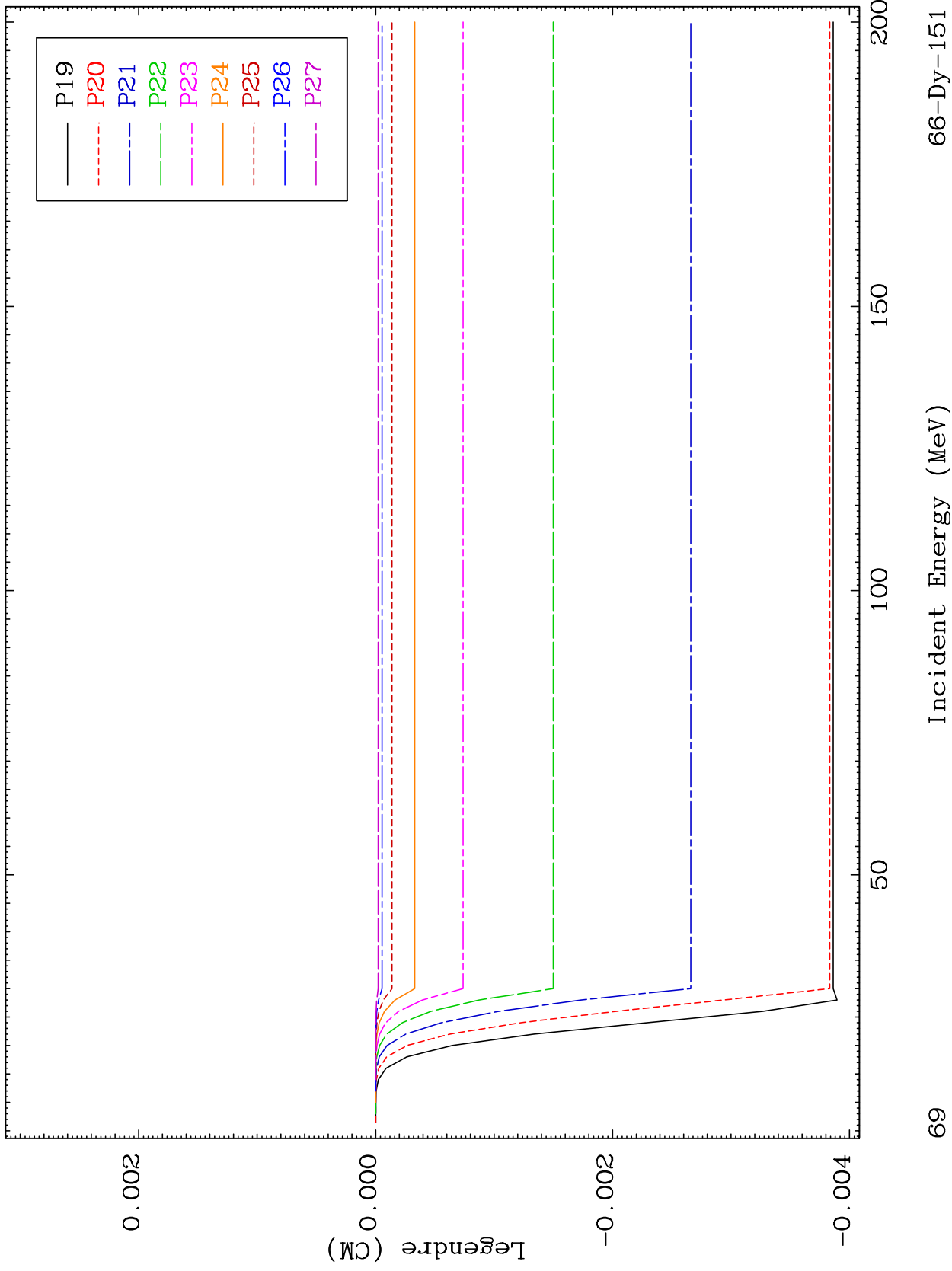
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

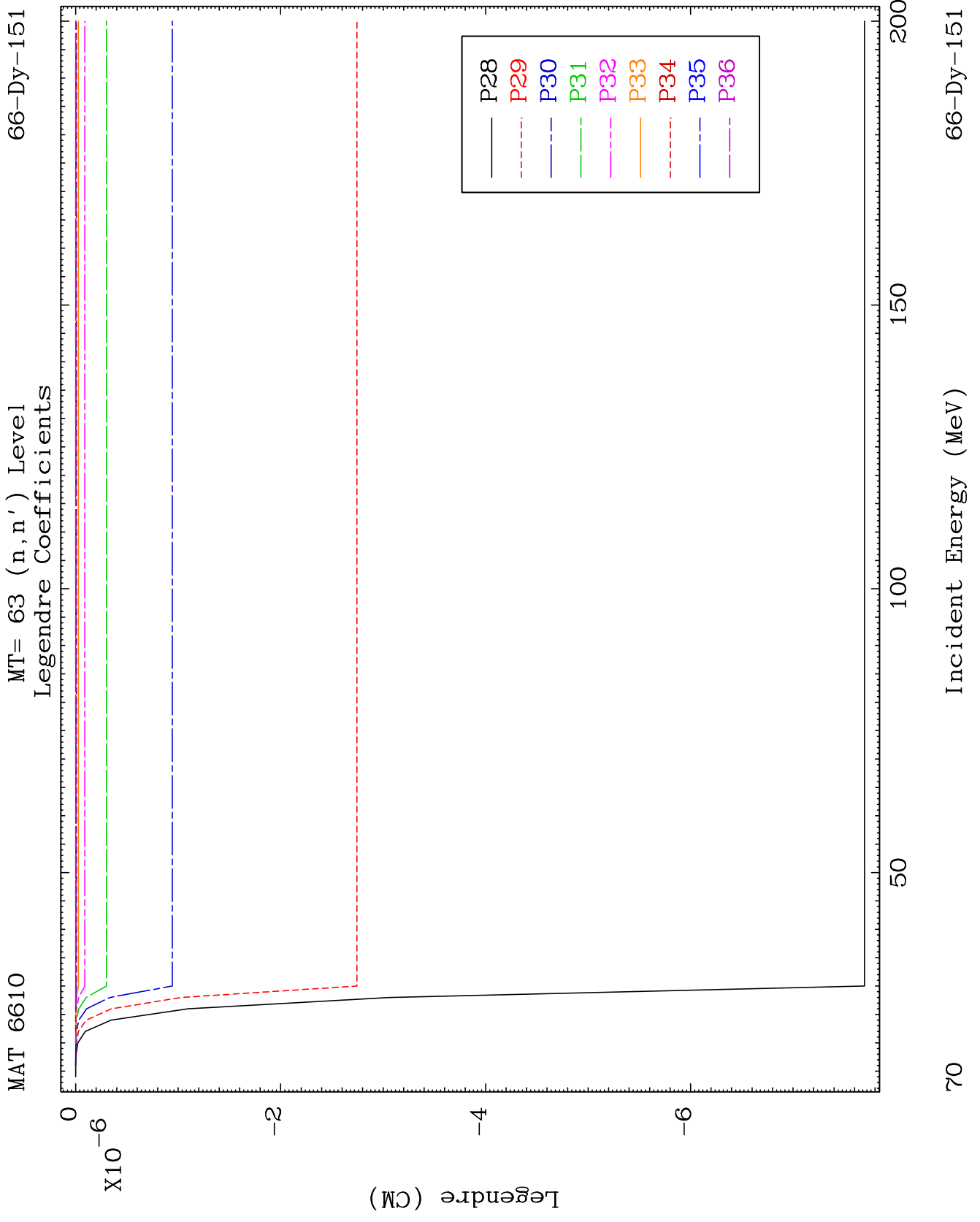
66-Dy-151



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Incident Energy (MeV)

66-Dy-151

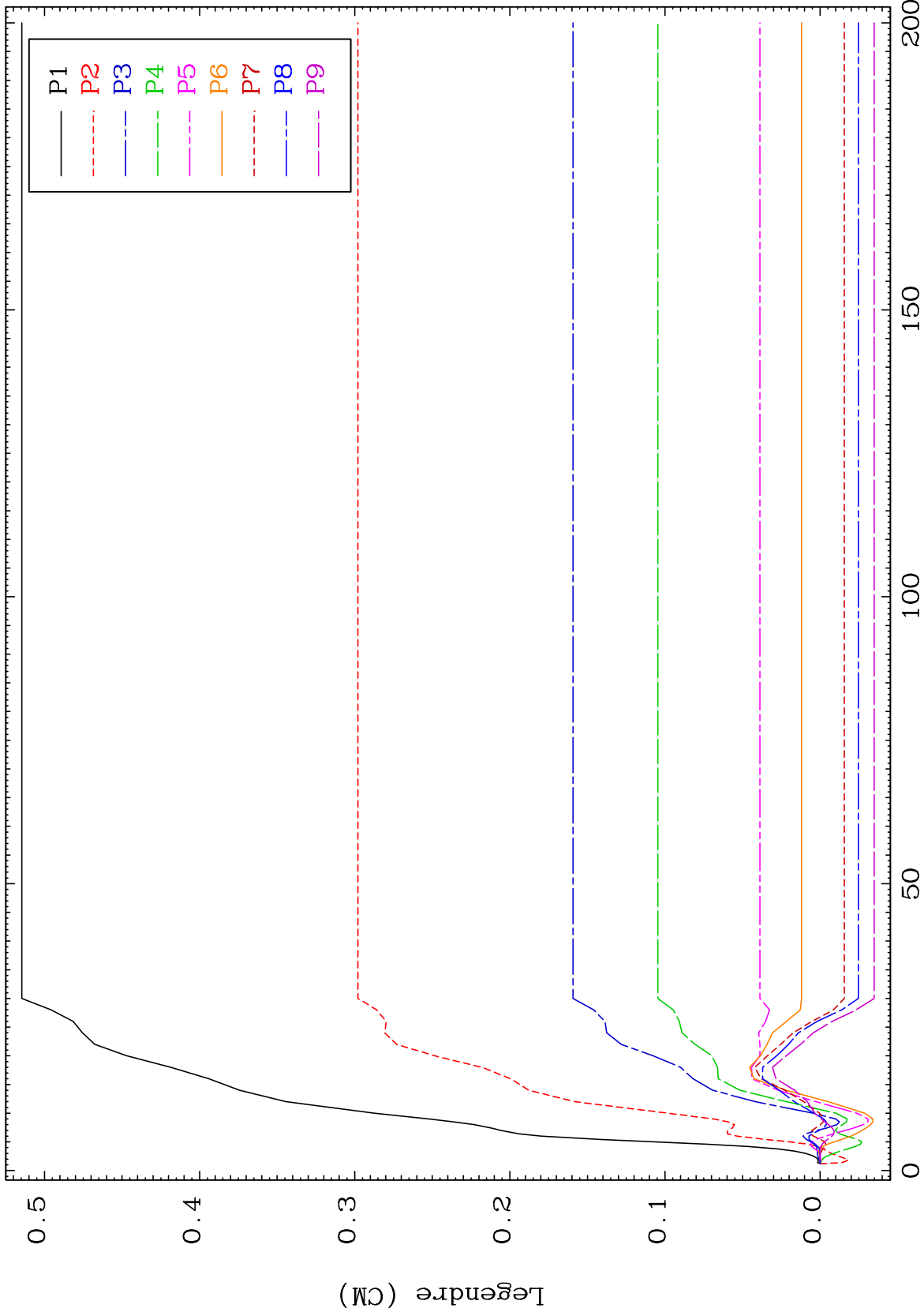


MAT 6610

MT= 64 (n,n') Level

66-Dy-151

Legendre Coefficients



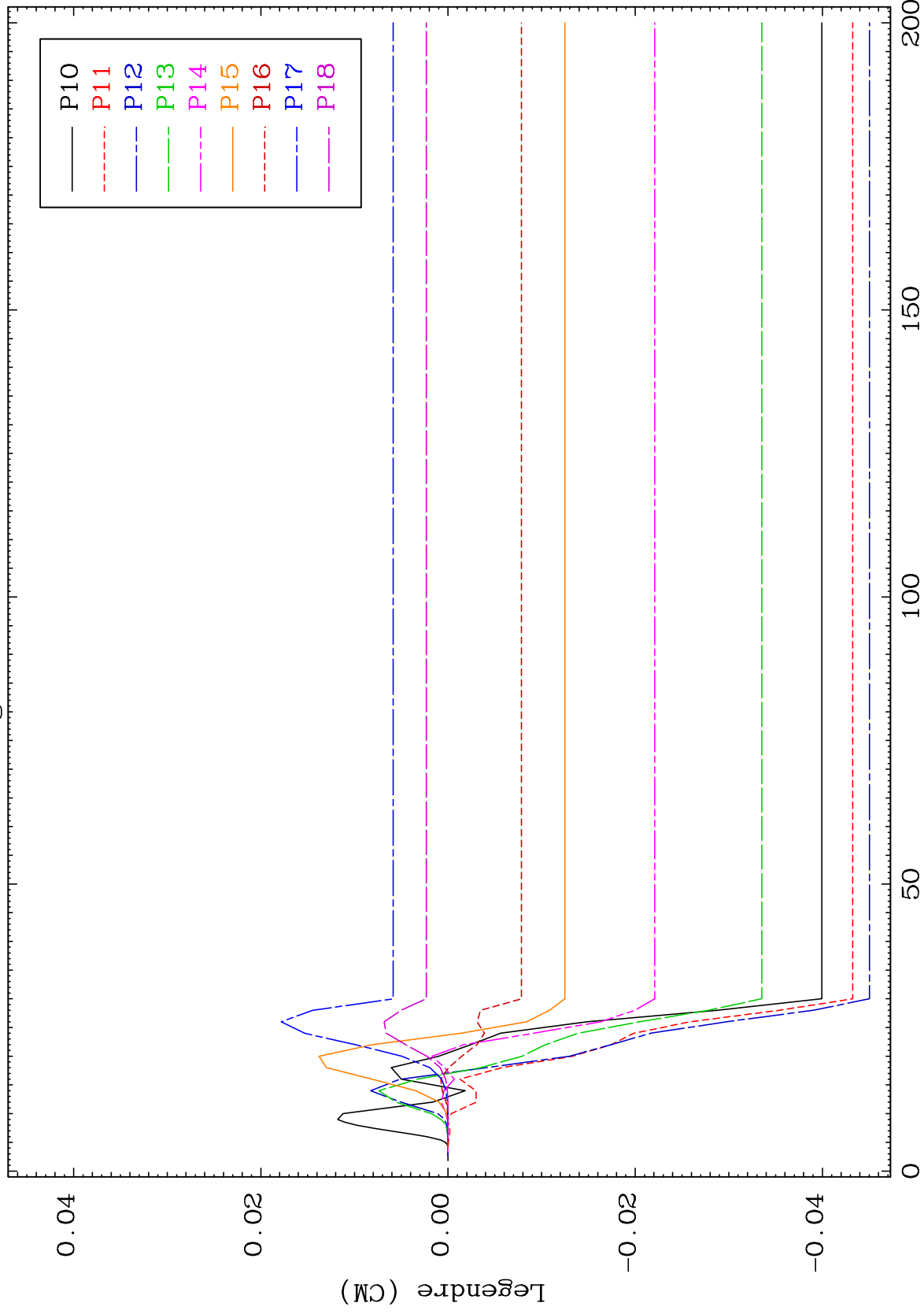
71

66-Dy-151

MAT 6610

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

66-Dy-151



72

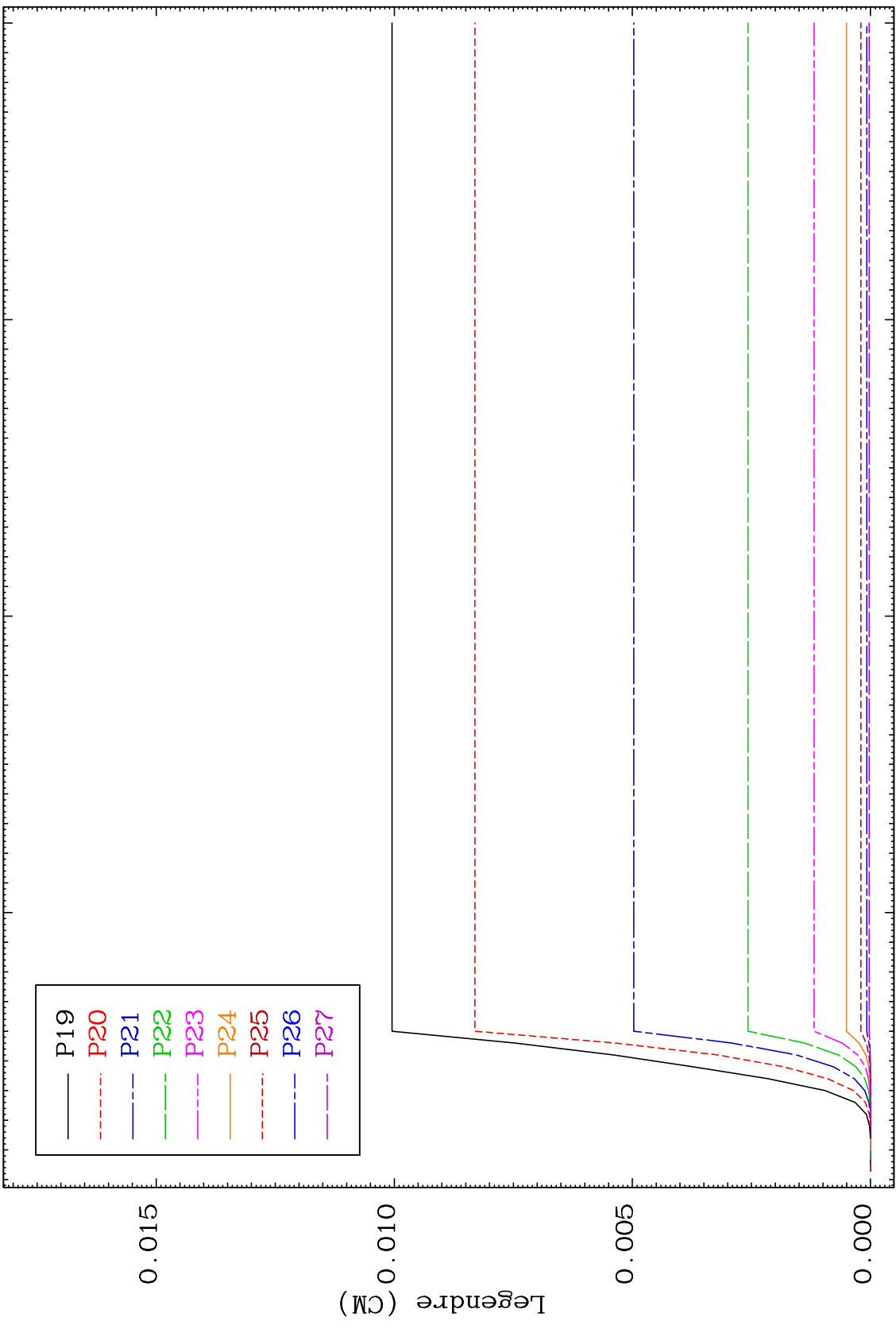
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



73

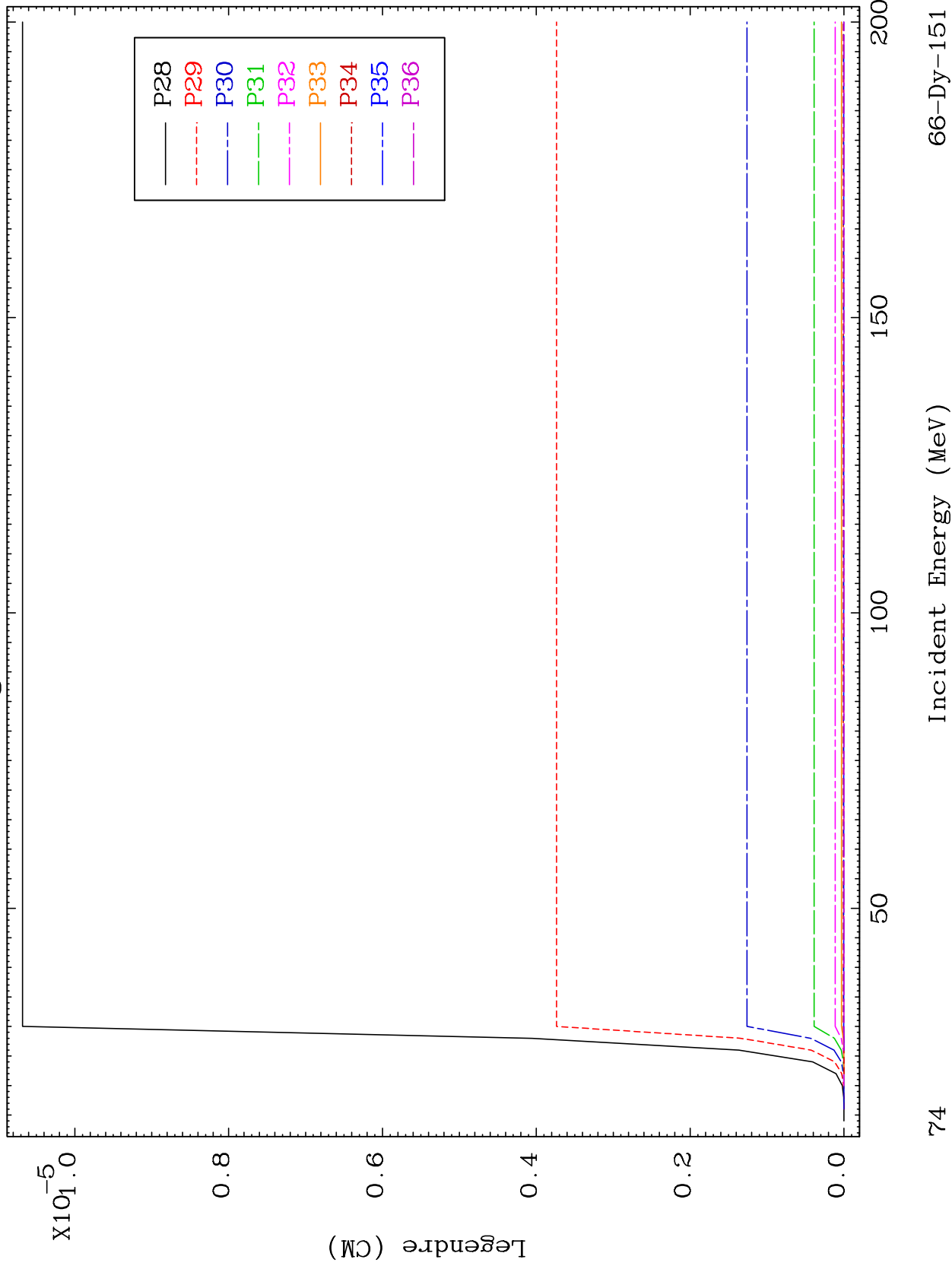
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151

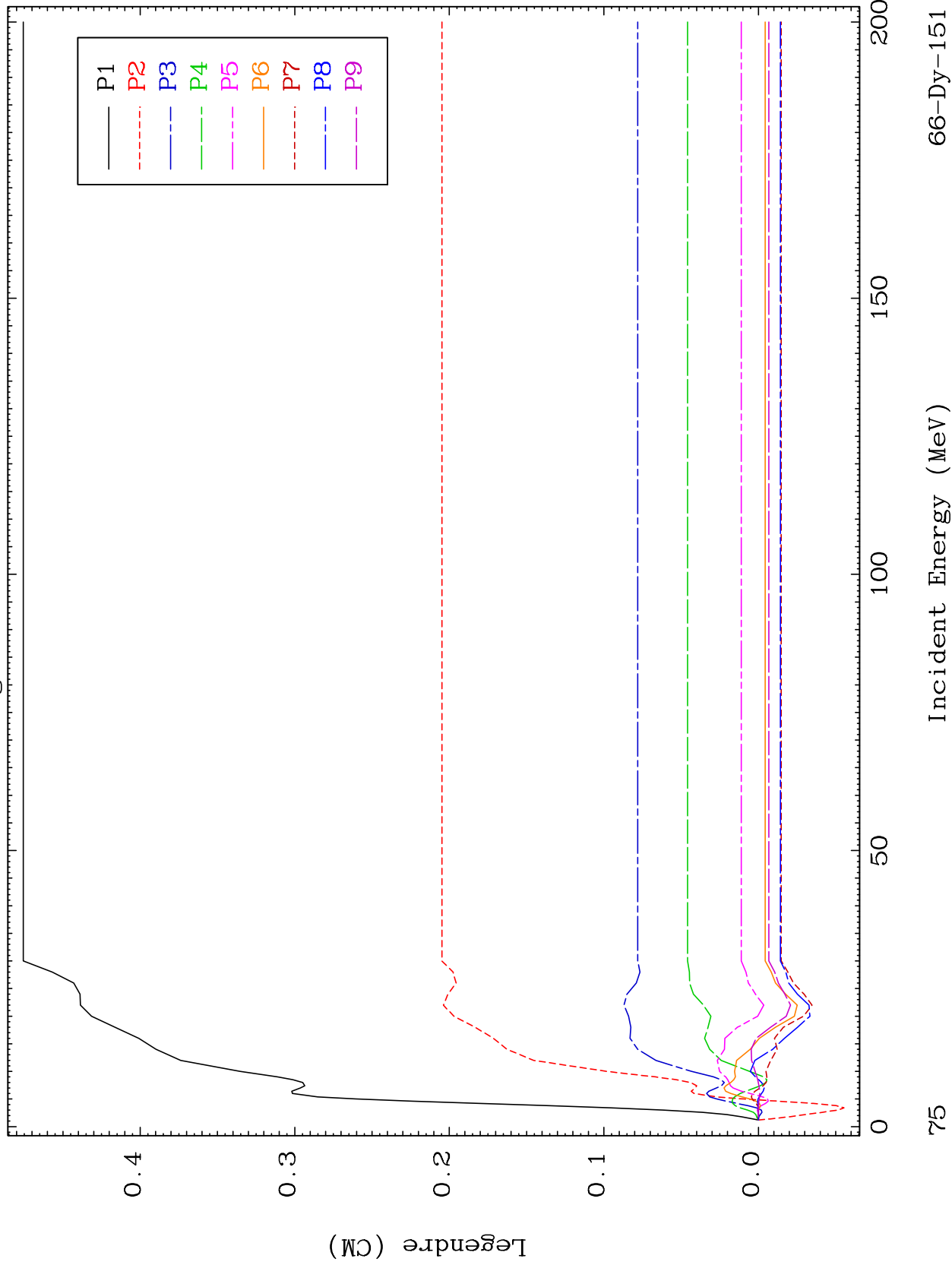


74

MAT 6610

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

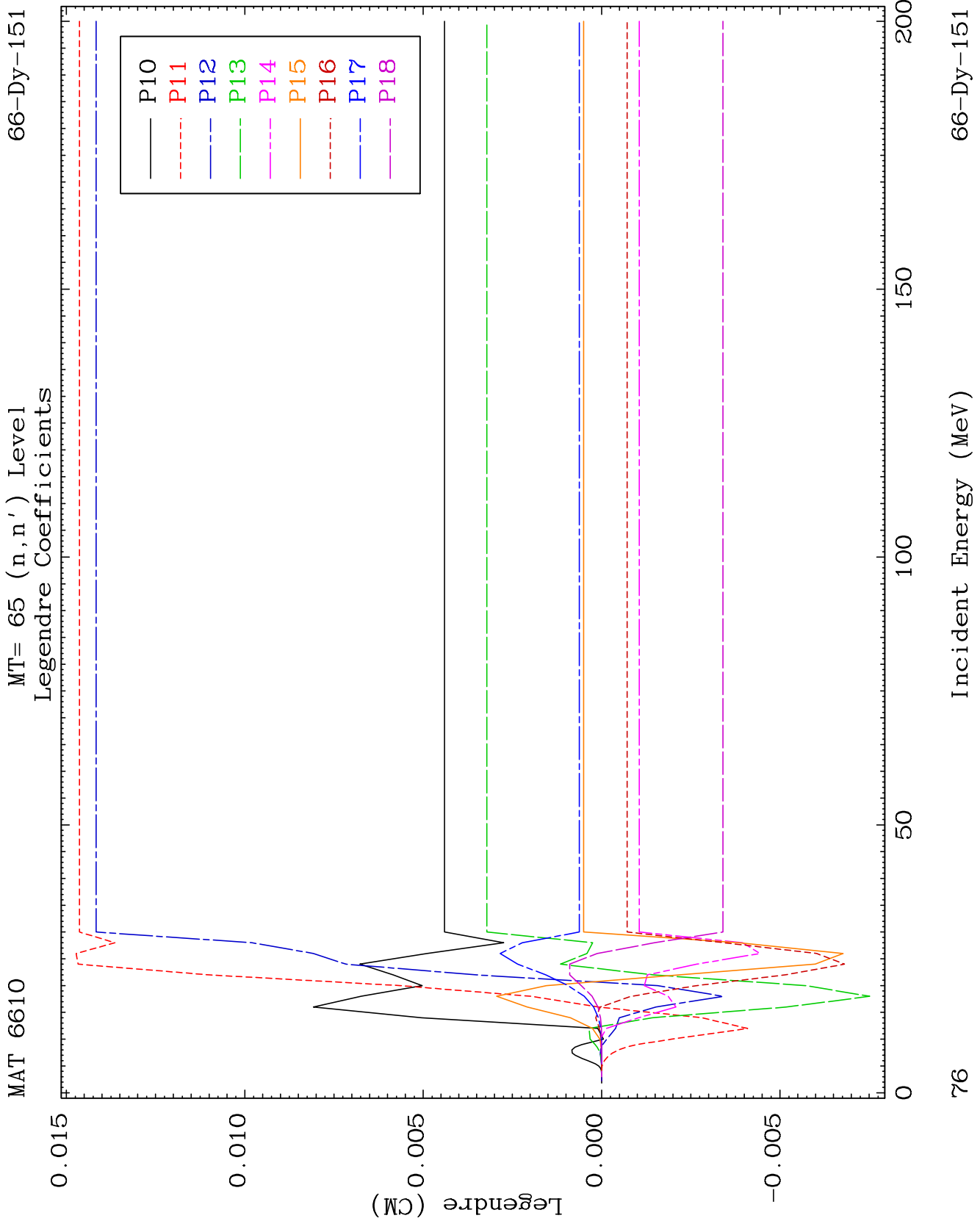
66-Dy-151



66-Dy-151

Incident Energy (MeV)

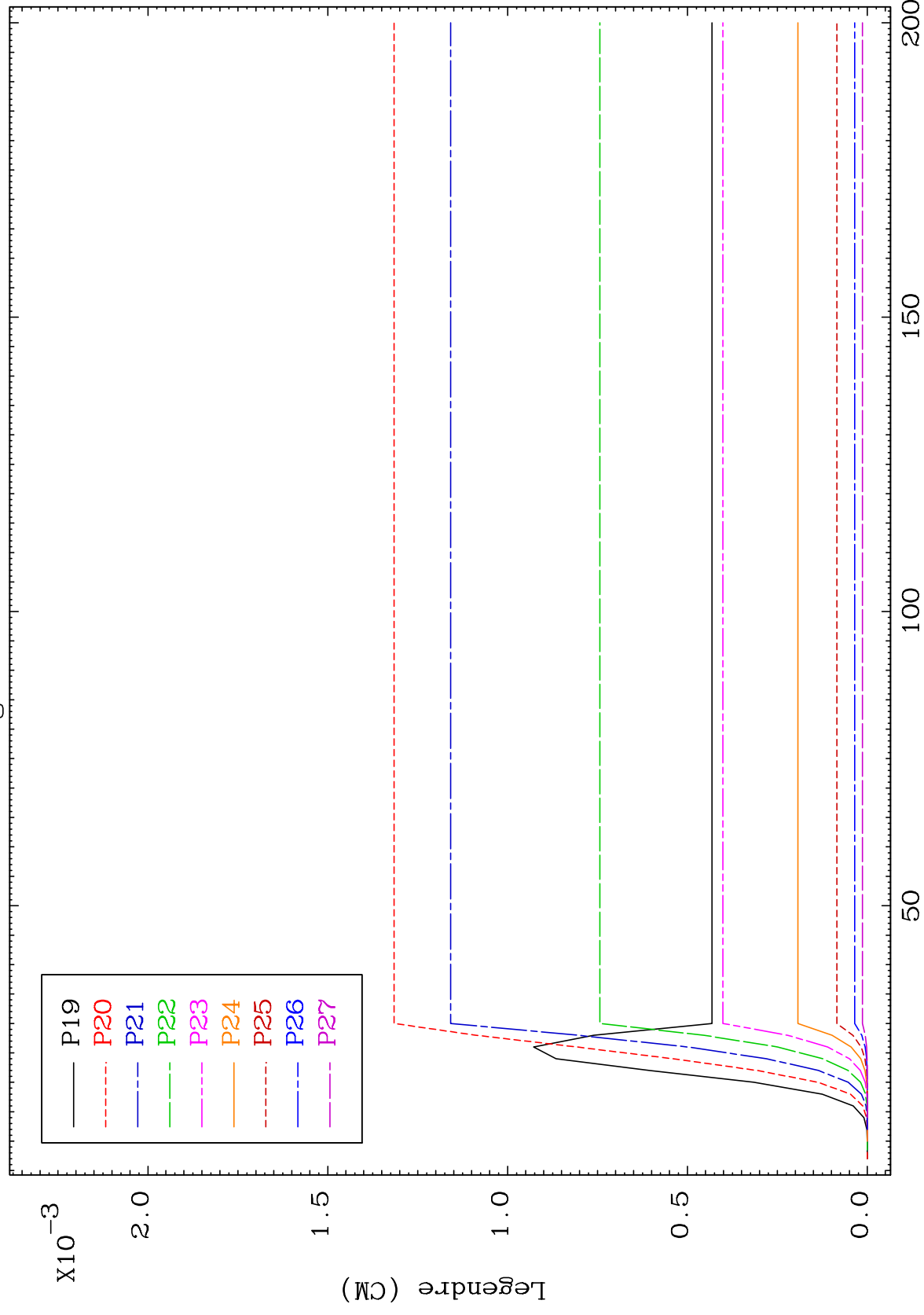
75



MAT 6610

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

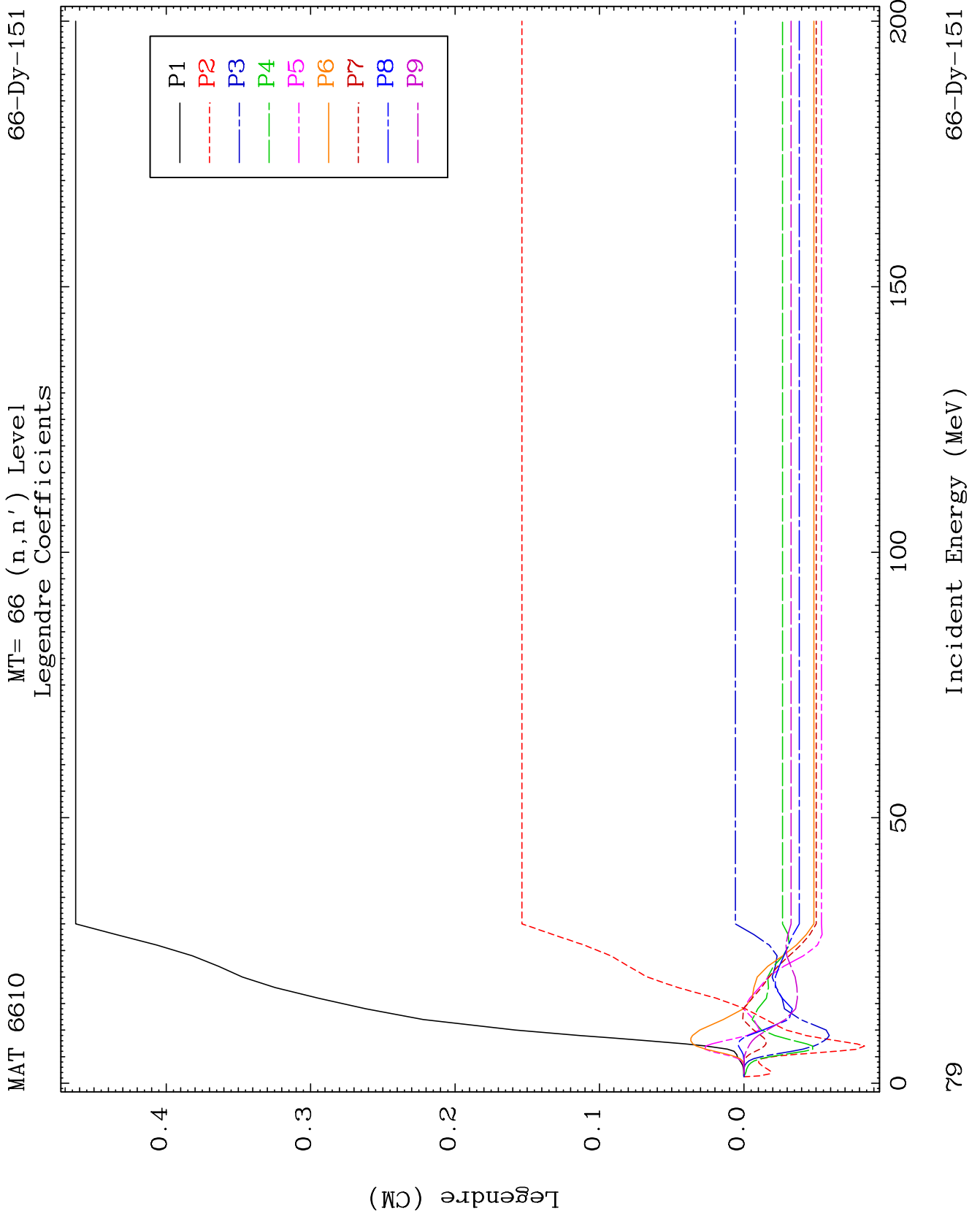
66-Dy-151



77

Incident Energy (MeV)

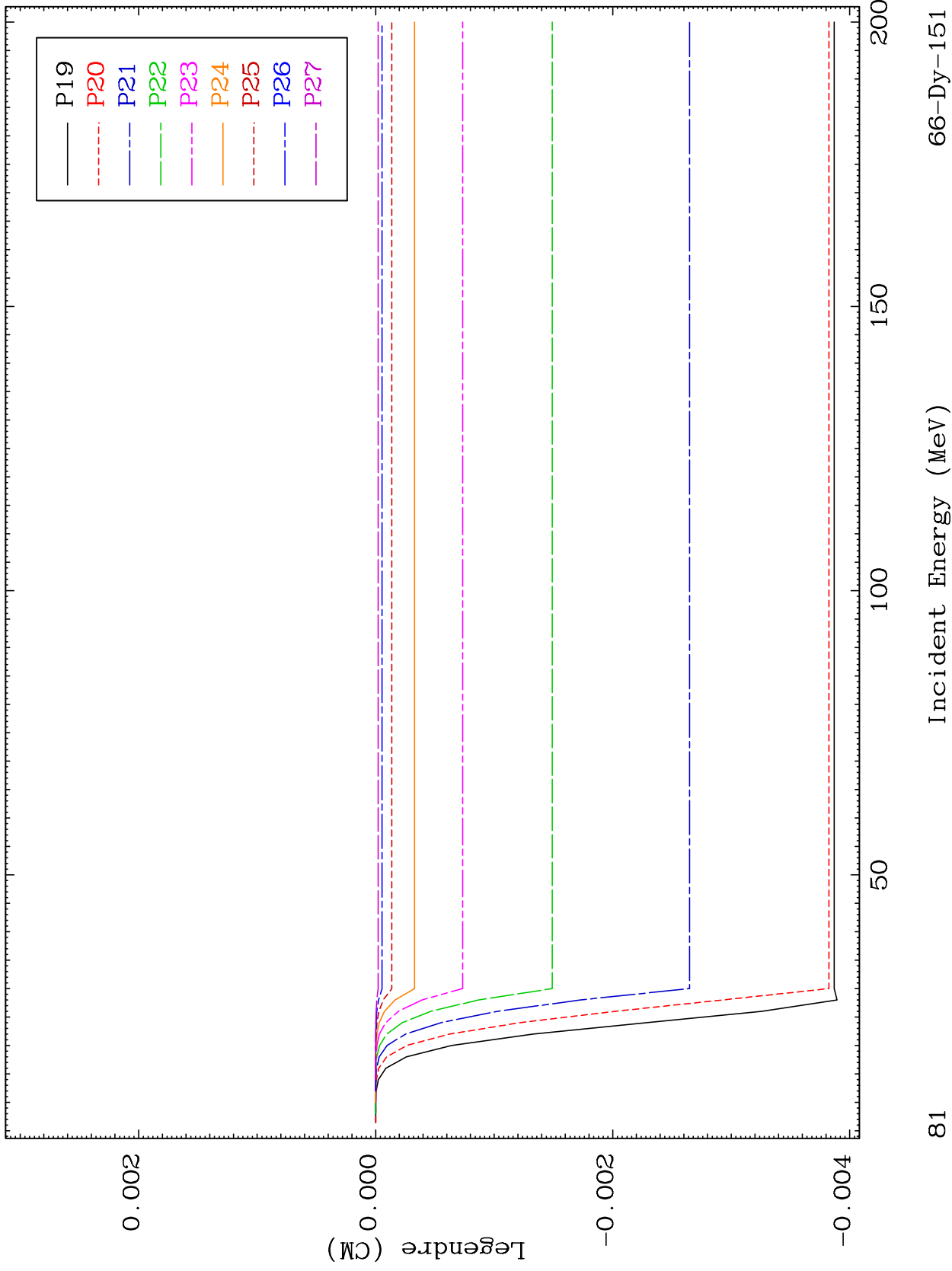
66-Dy-151



MAT 6610

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

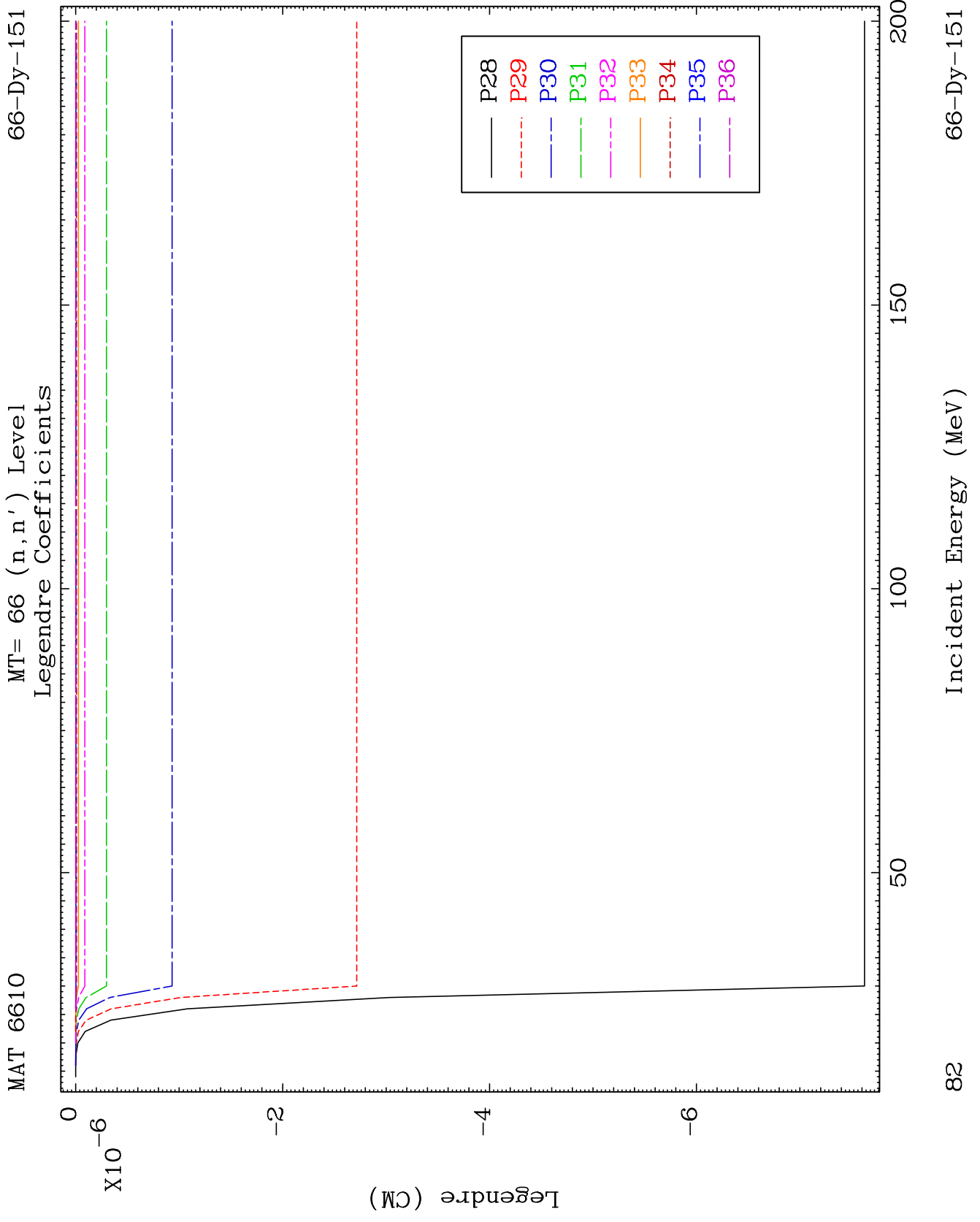
66-Dy-151



81

Incident Energy (MeV)

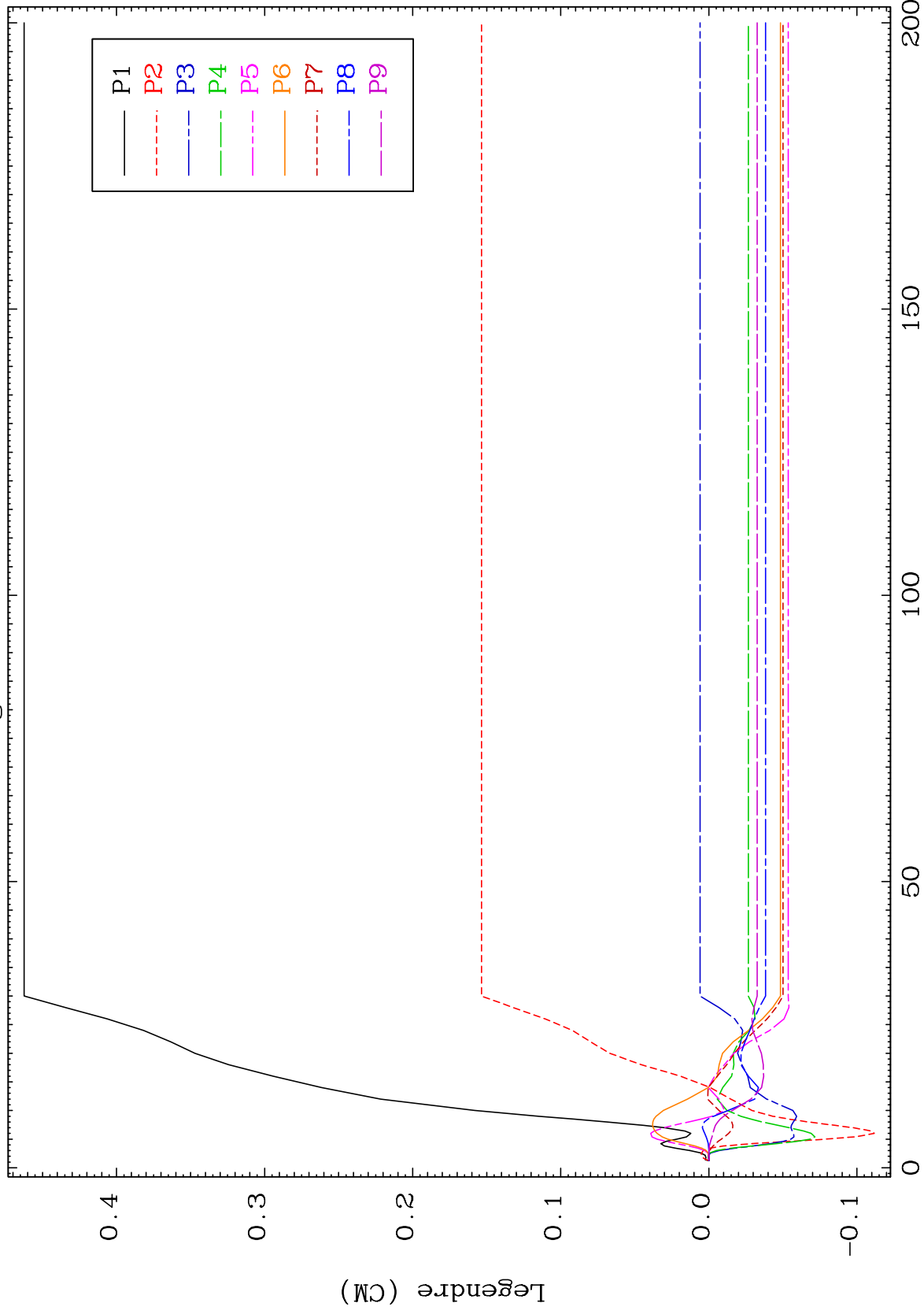
66-Dy-151



MAT 6610

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

66-Dy-151



83

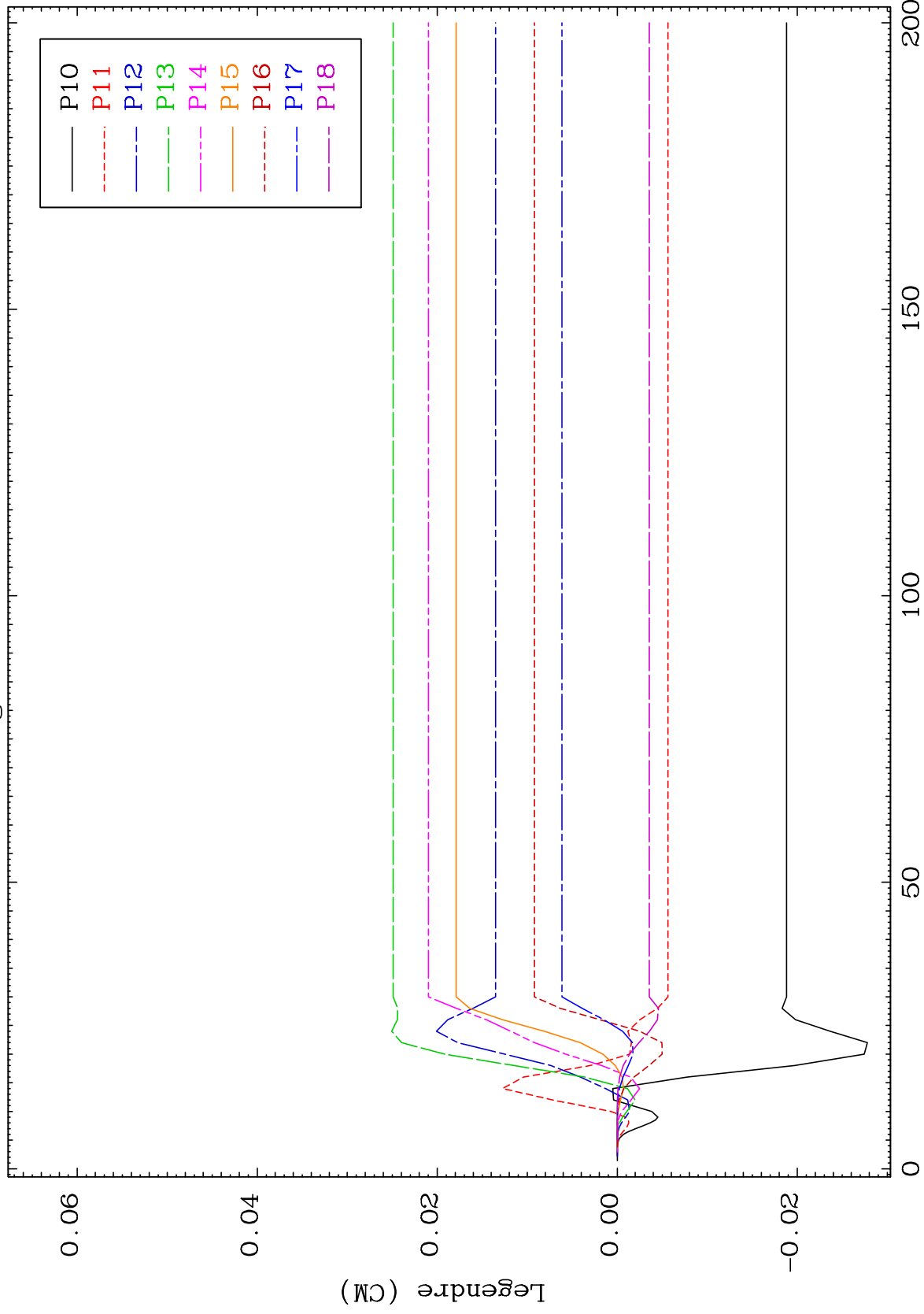
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



84

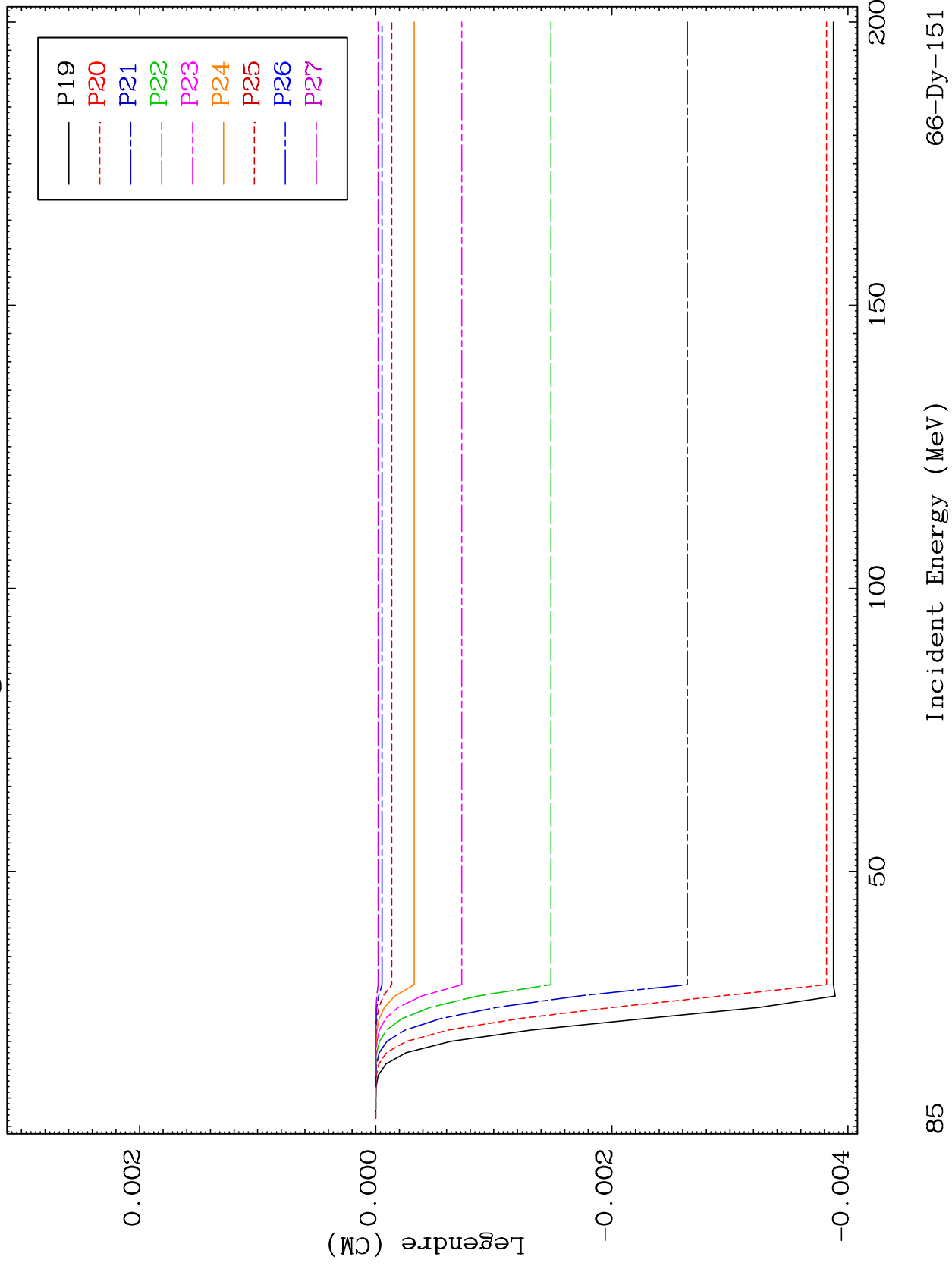
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

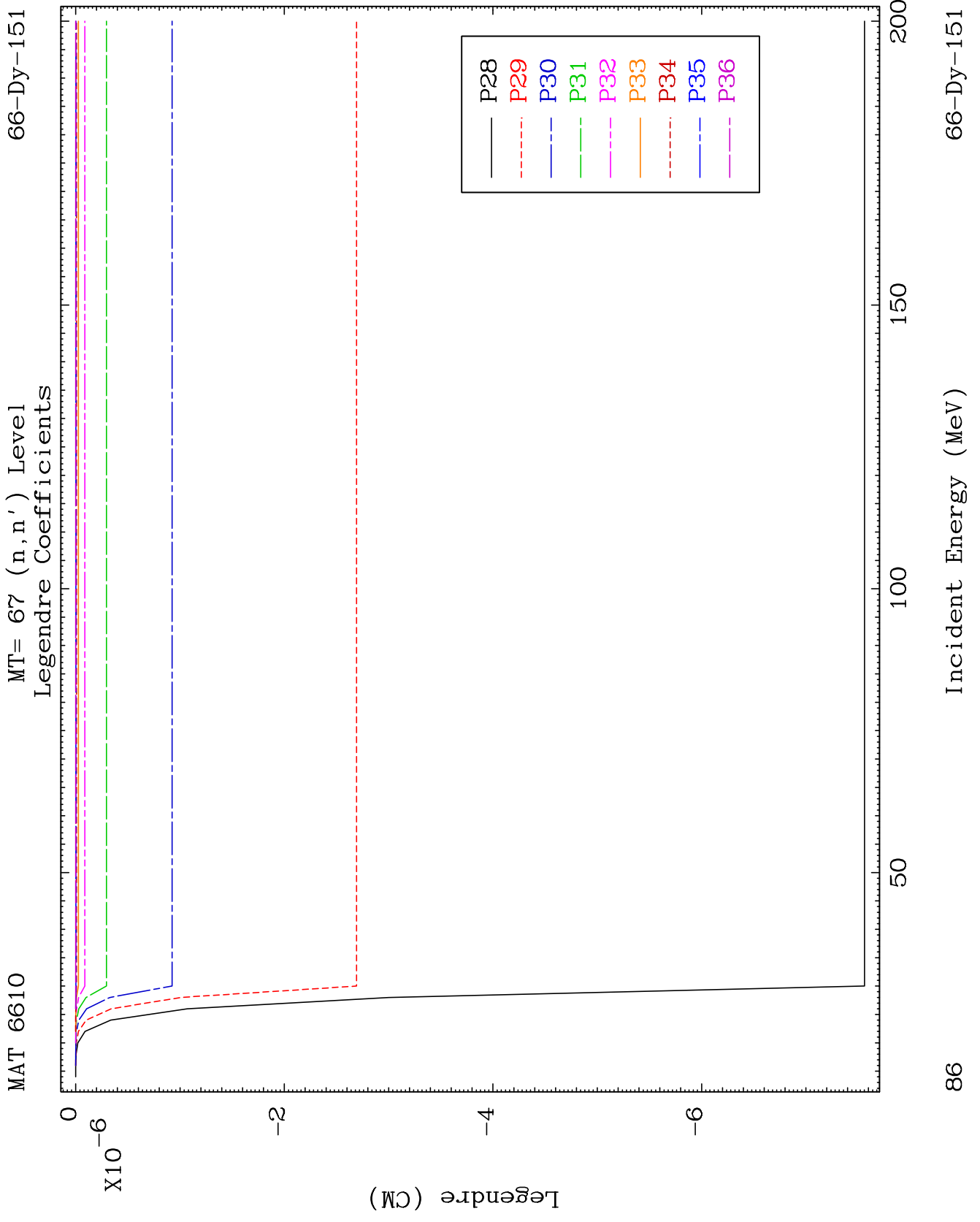
66-Dy-151



85

Incident Energy (MeV)

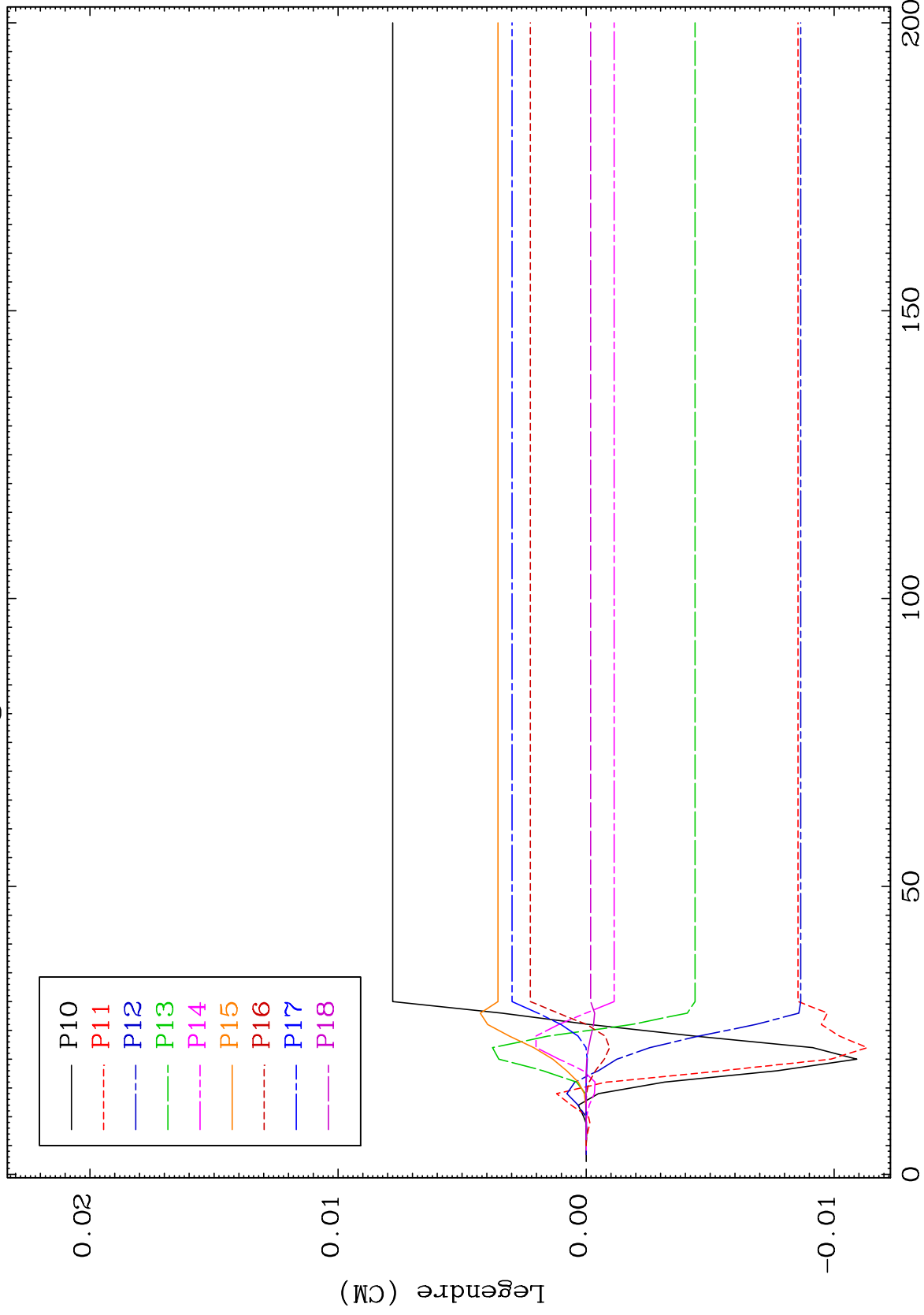
66-Dy-151



MAT 6610

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

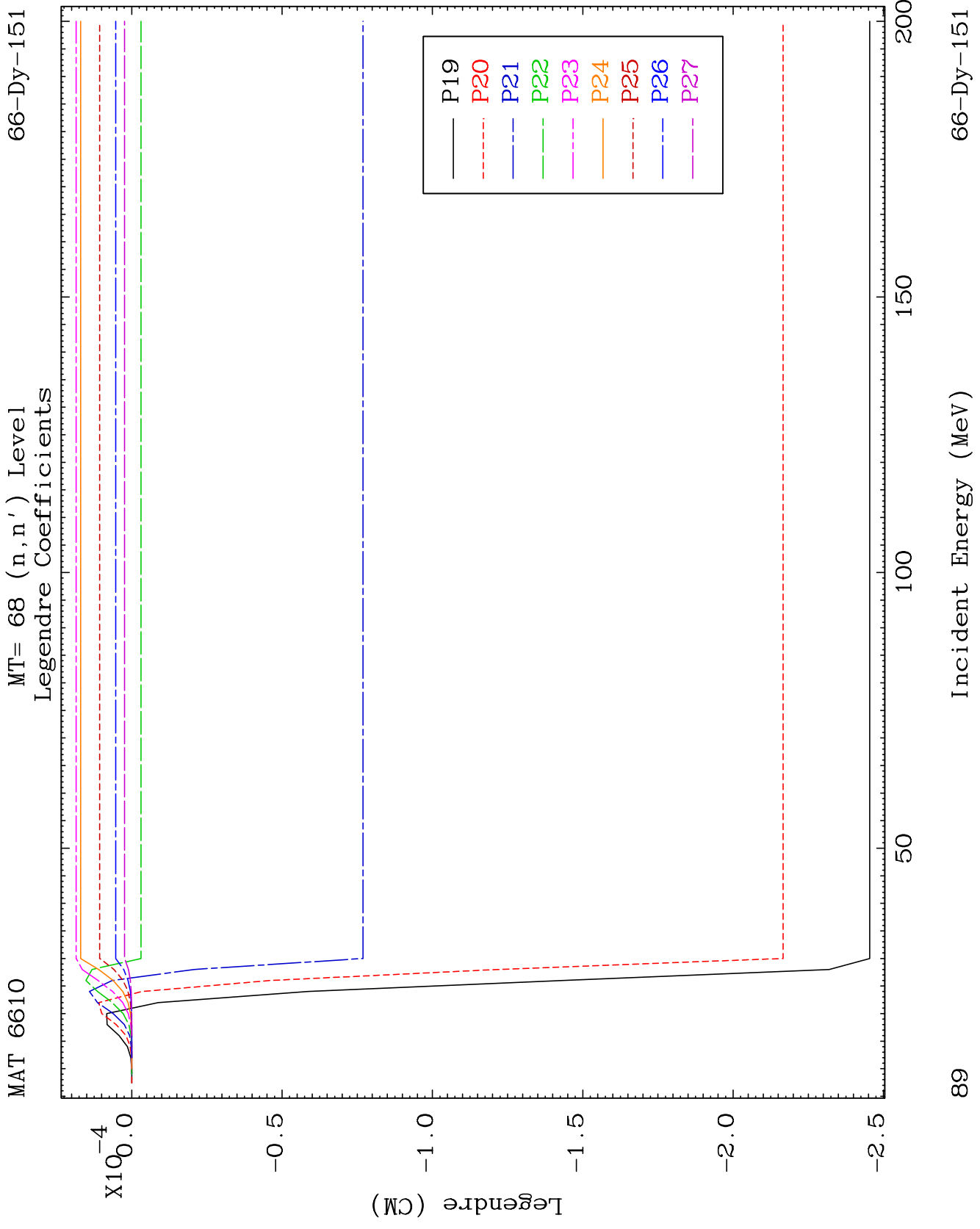
66-Dy-151



88

Incident Energy (MeV)

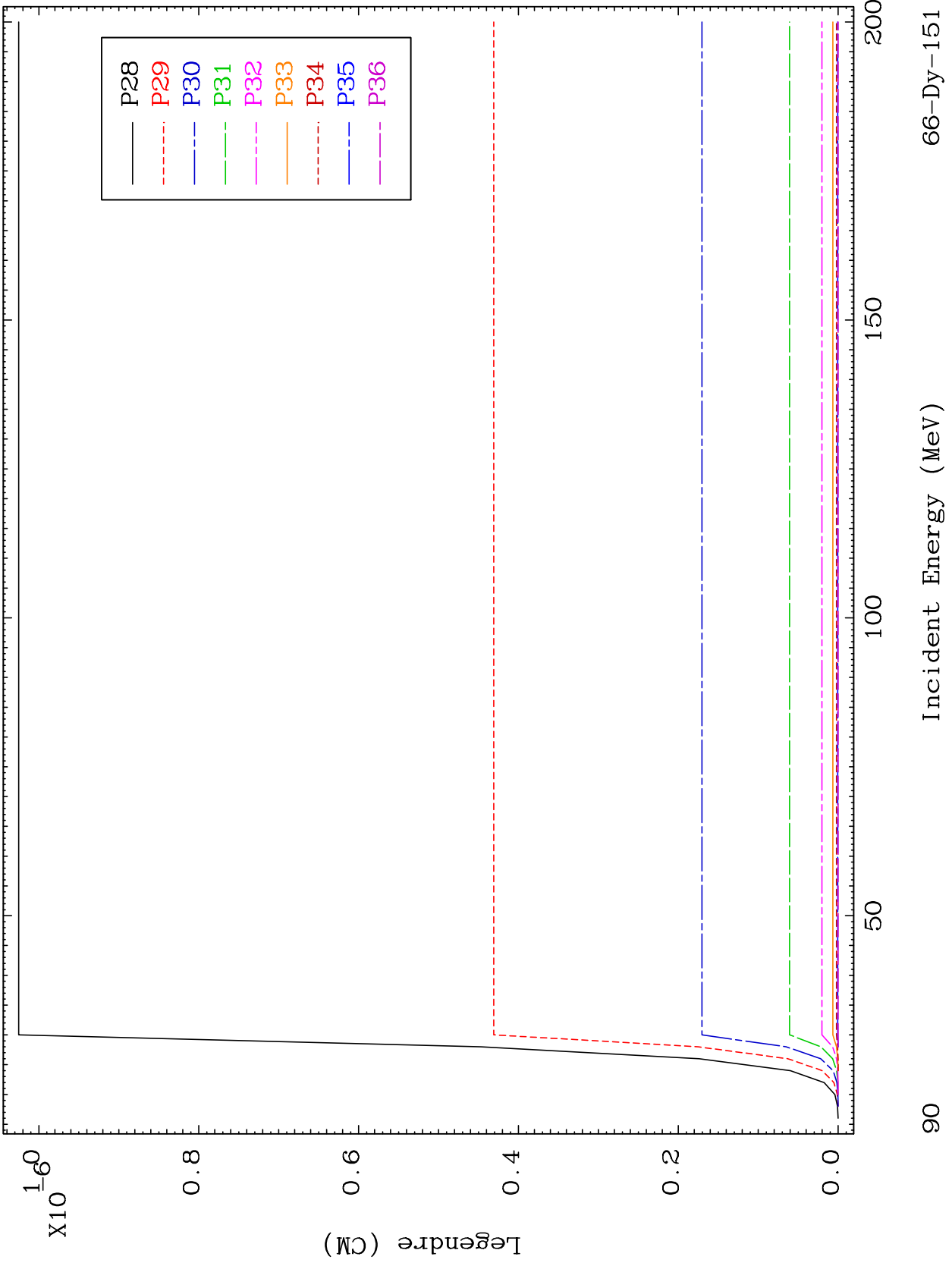
66-Dy-151



MAT 6610

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

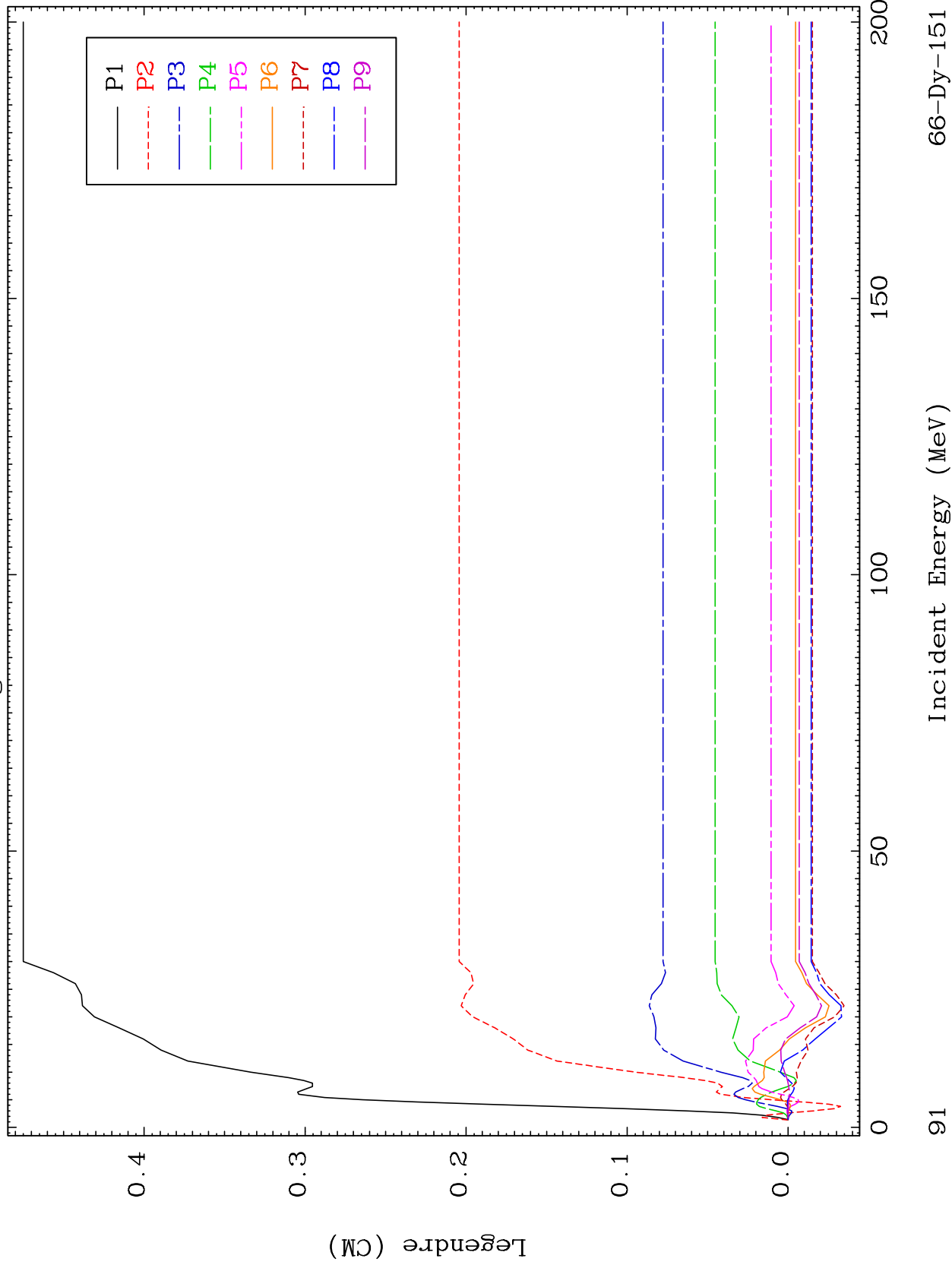
66-Dy-151



MAT 6610

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

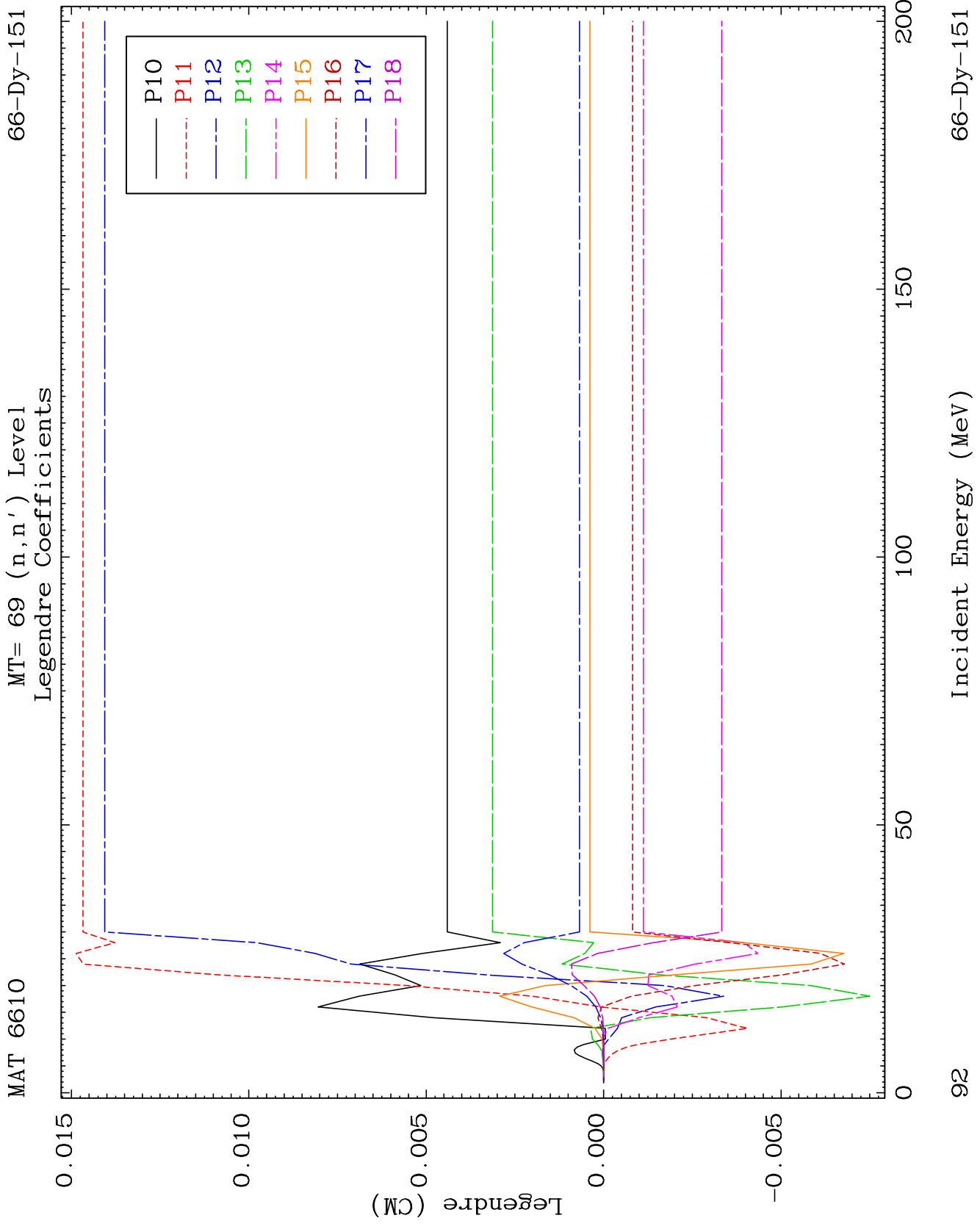
66-Dy-151

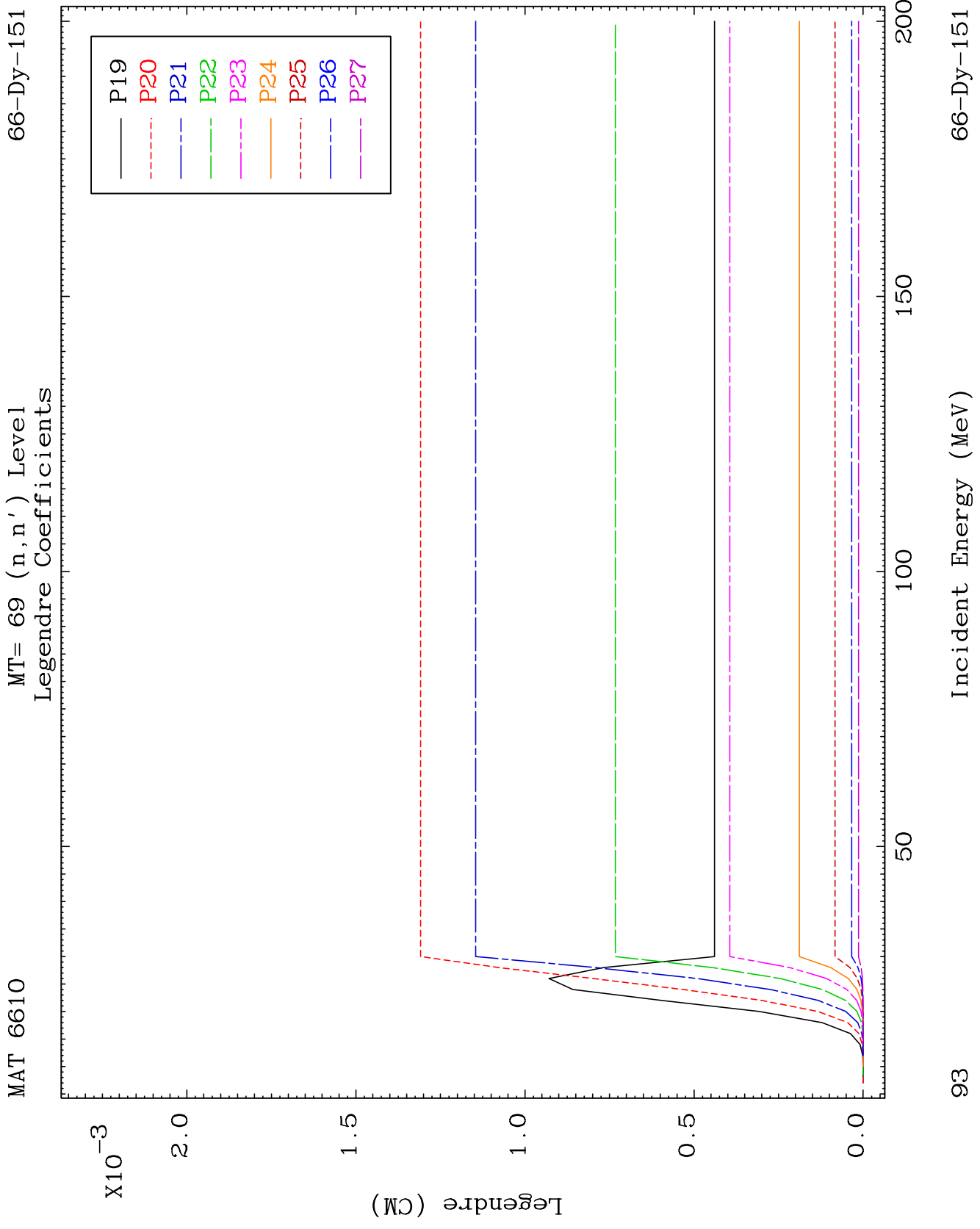


66-Dy-151

Incident Energy (MeV)

91

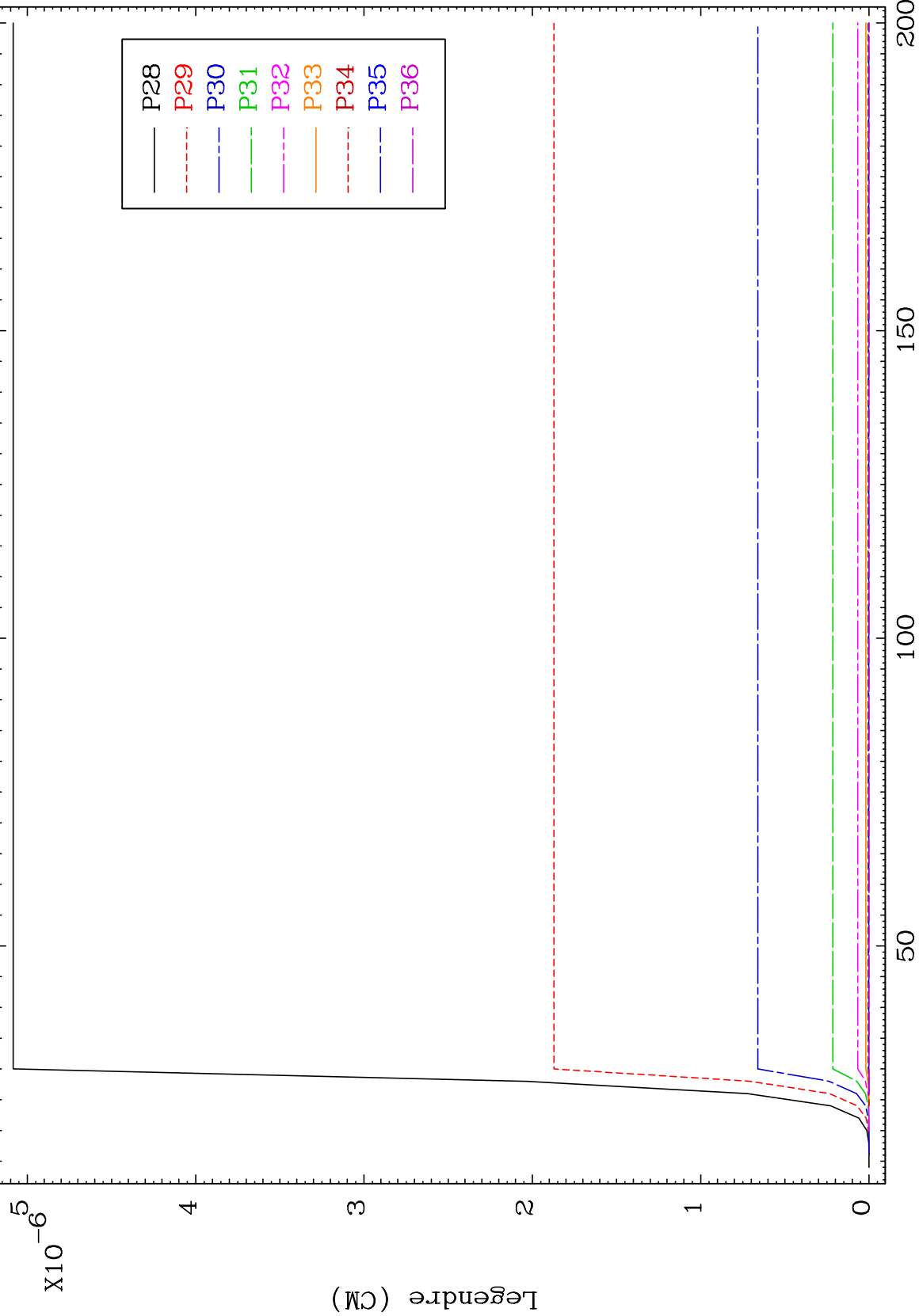




MAT 6610

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

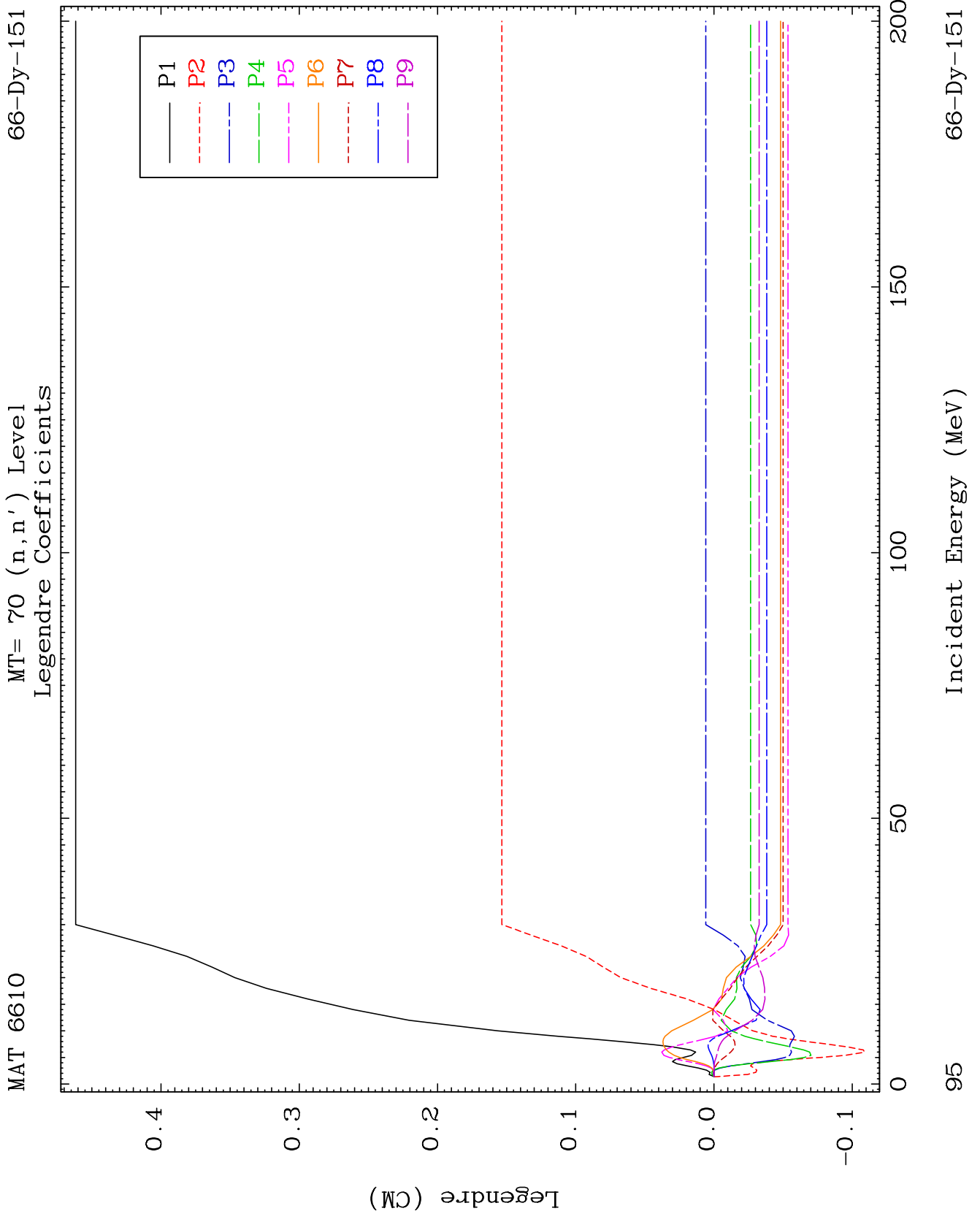
66-Dy-151



94

Incident Energy (MeV)

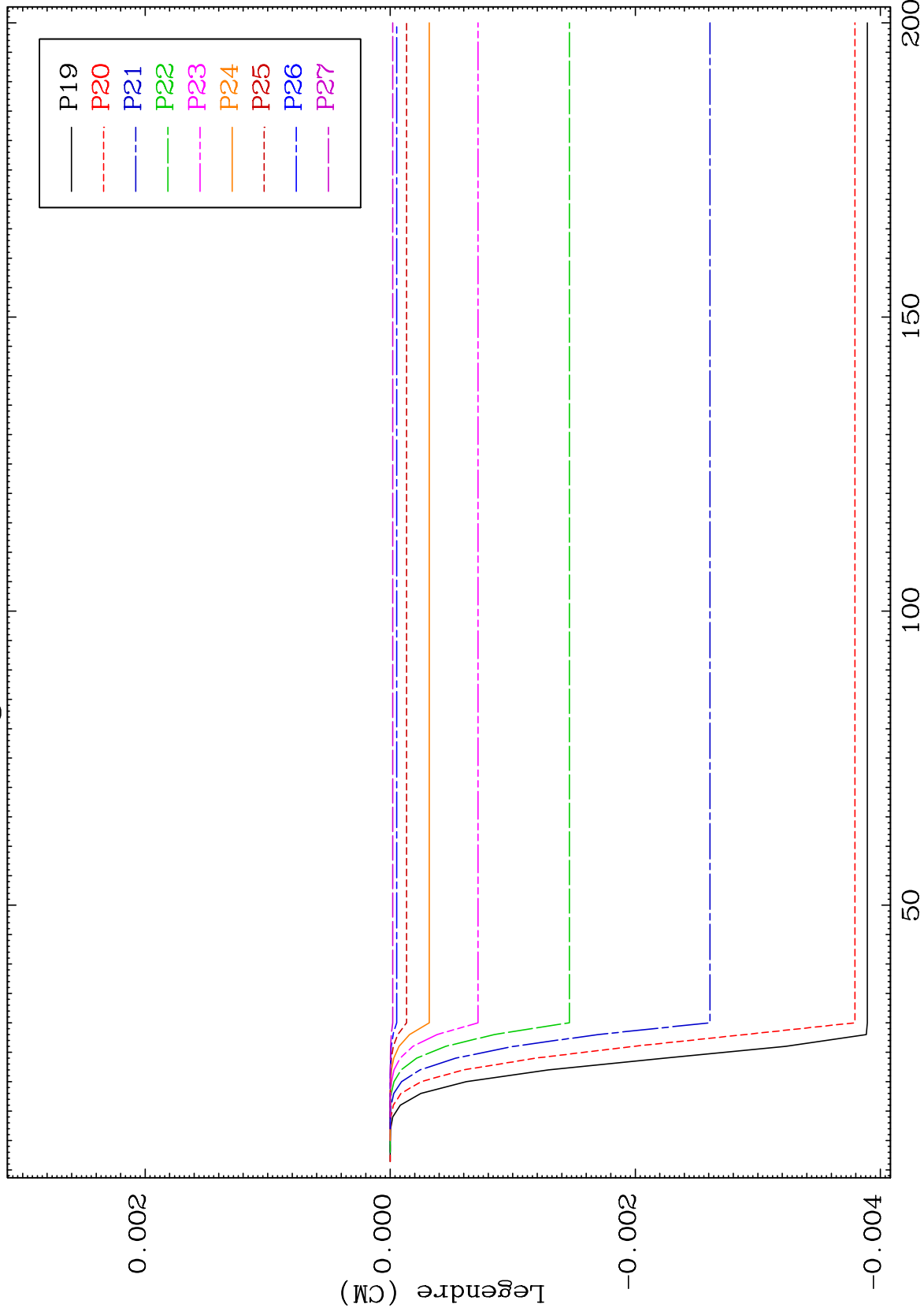
66-Dy-151



MAT 6610

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

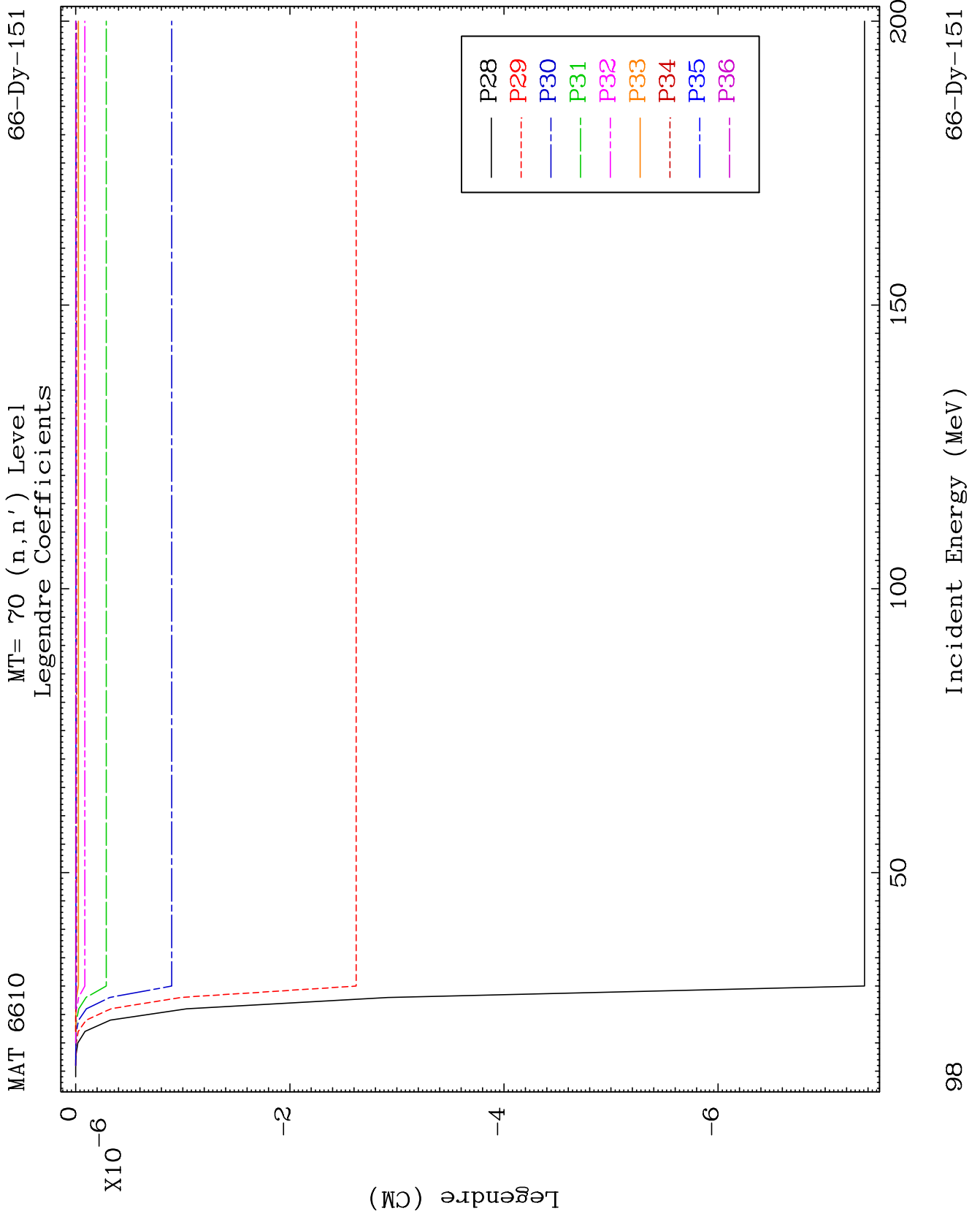
66-Dy-151



97

Incident Energy (MeV)

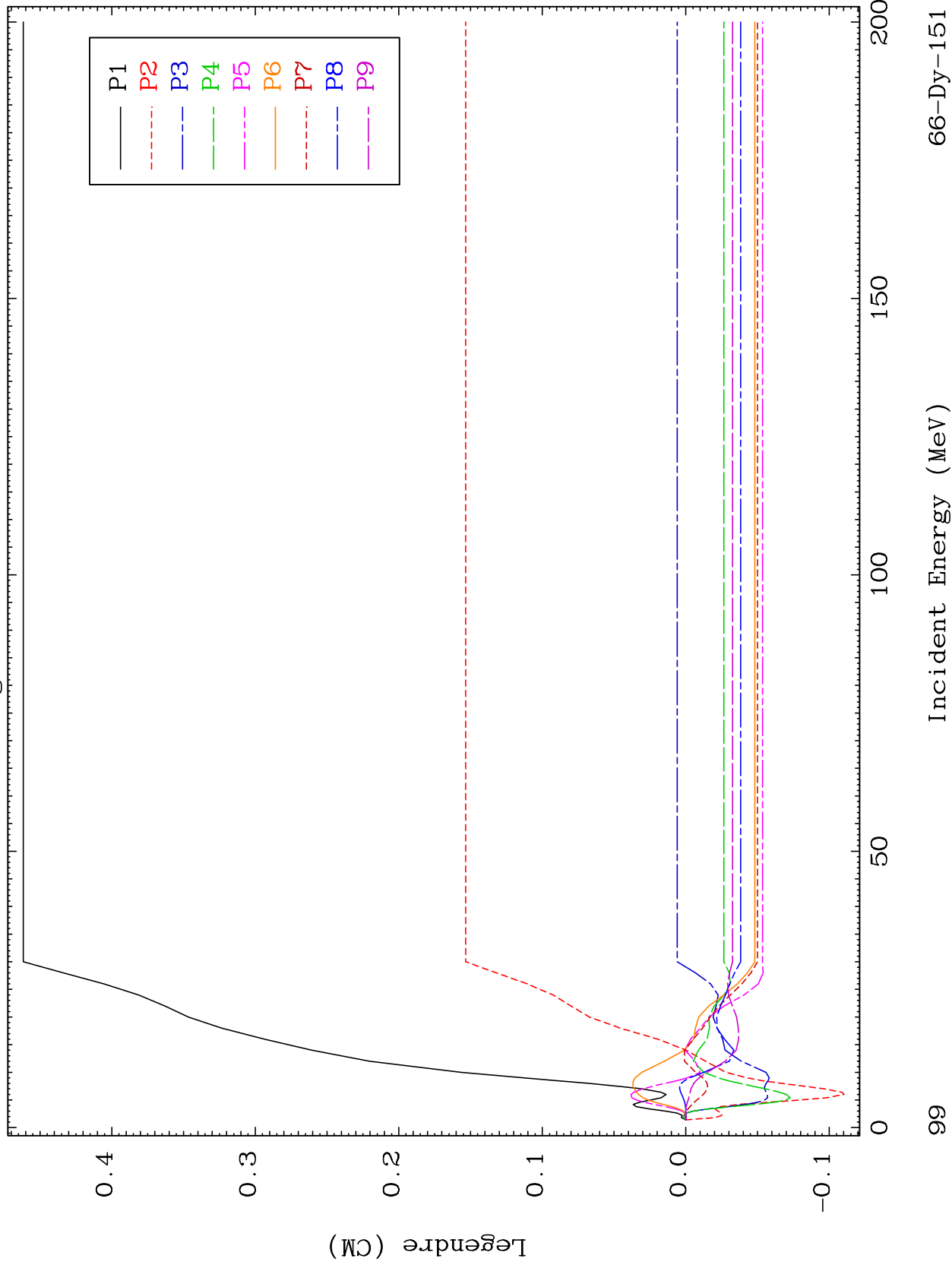
66-Dy-151



MAT 6610

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

66-Dy-151



66-Dy-151

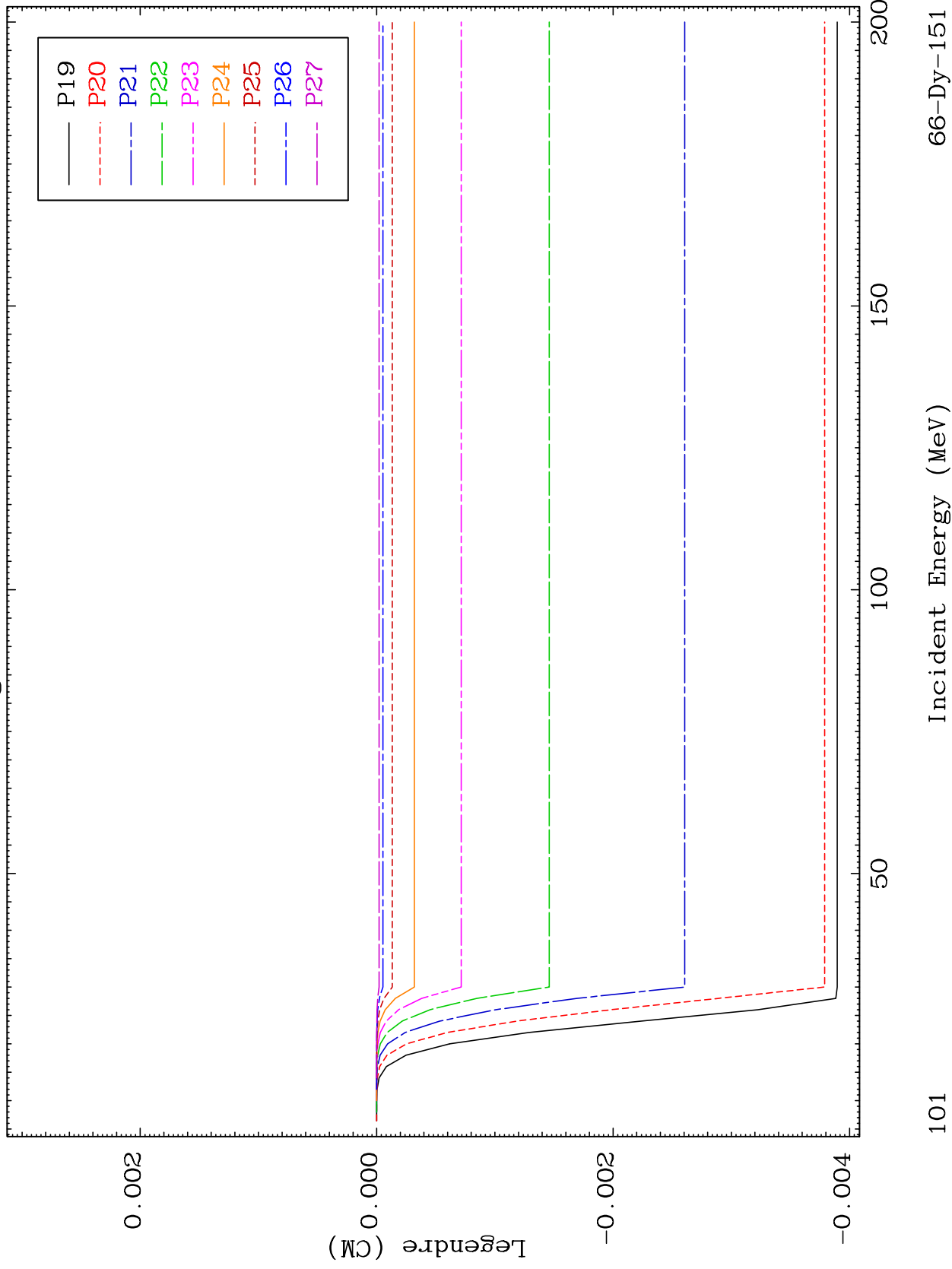
Incident Energy (MeV)

99

MAT 6610

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

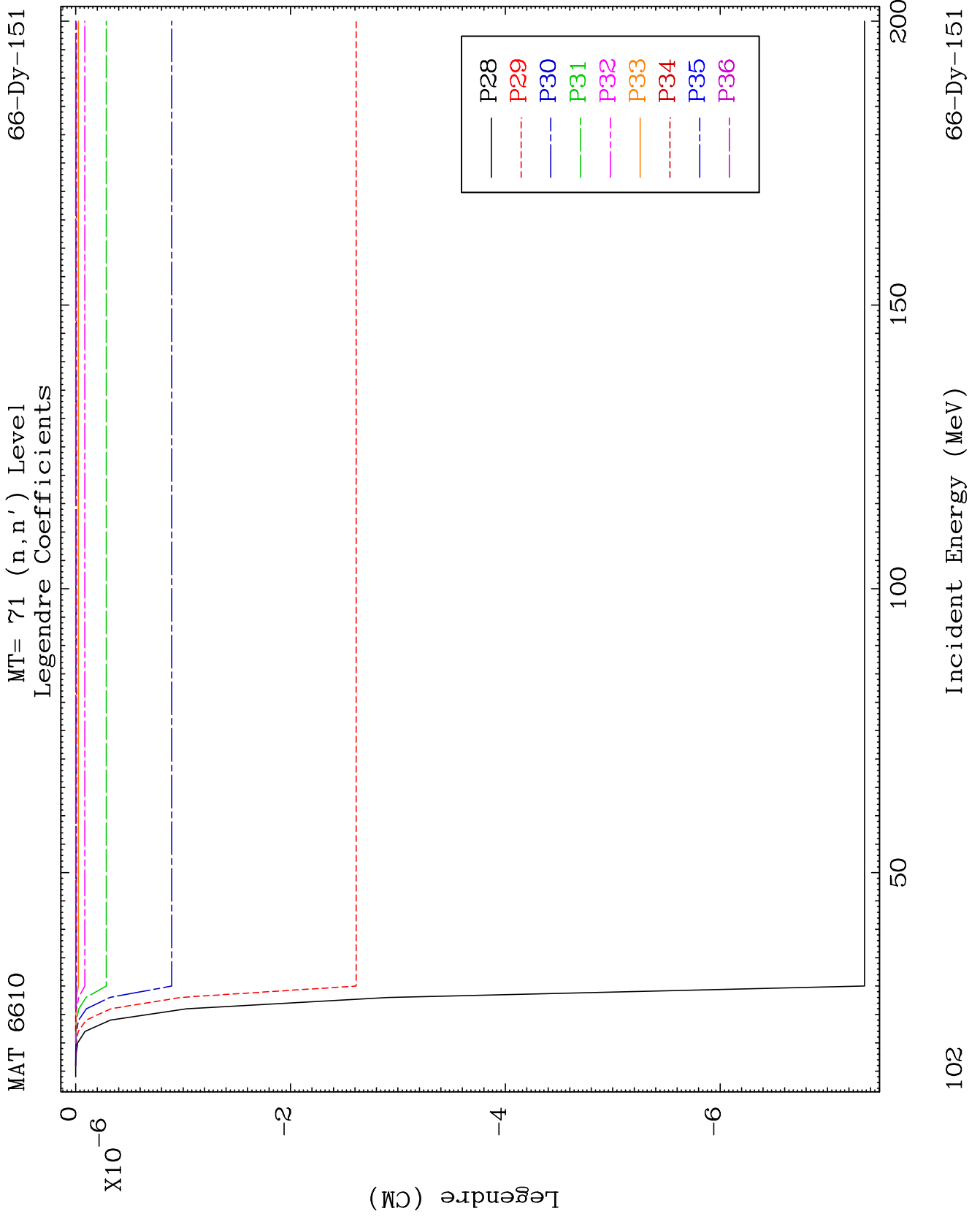
66-Dy-151



101

Incident Energy (MeV)

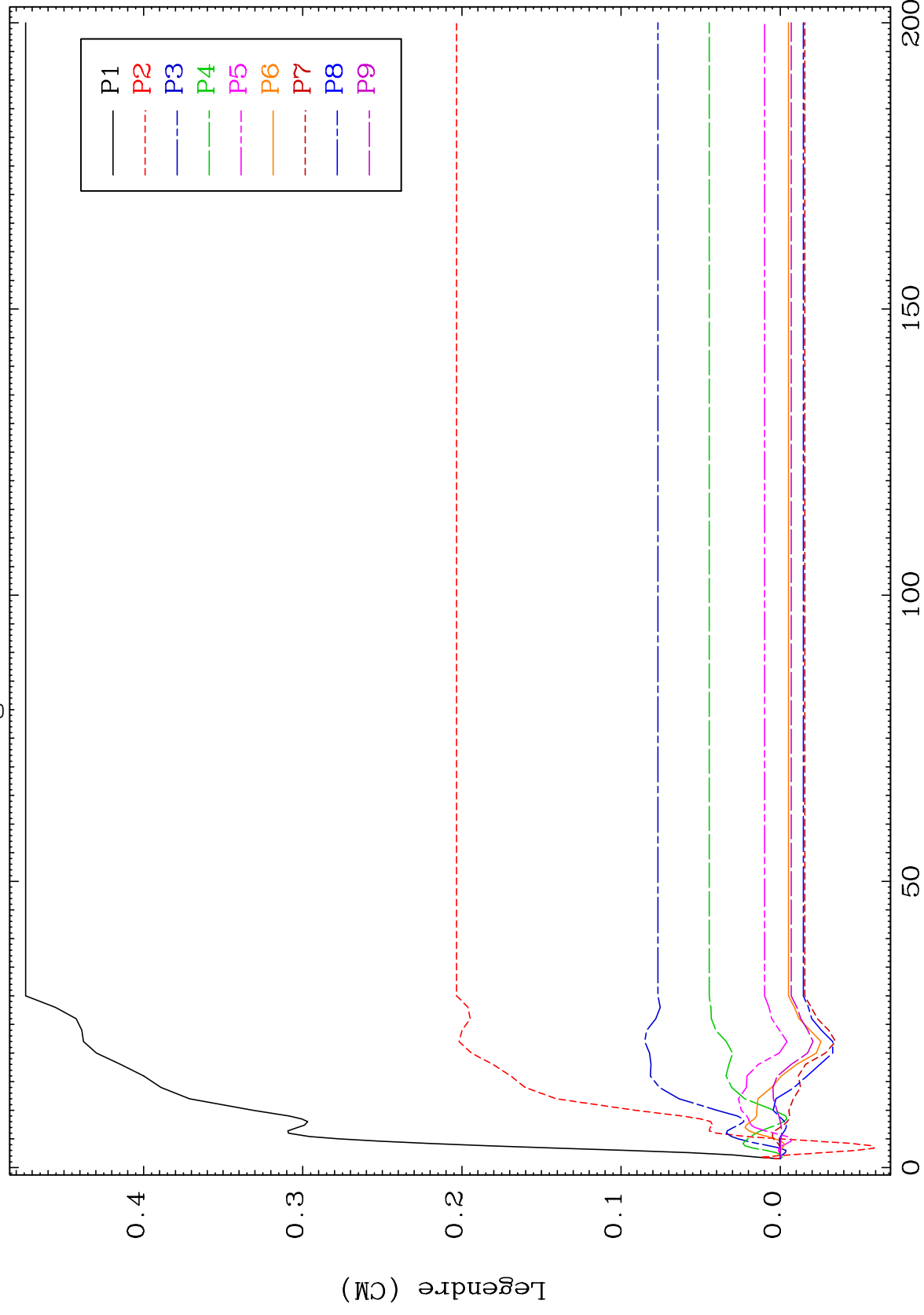
66-Dy-151



MAT 6610

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

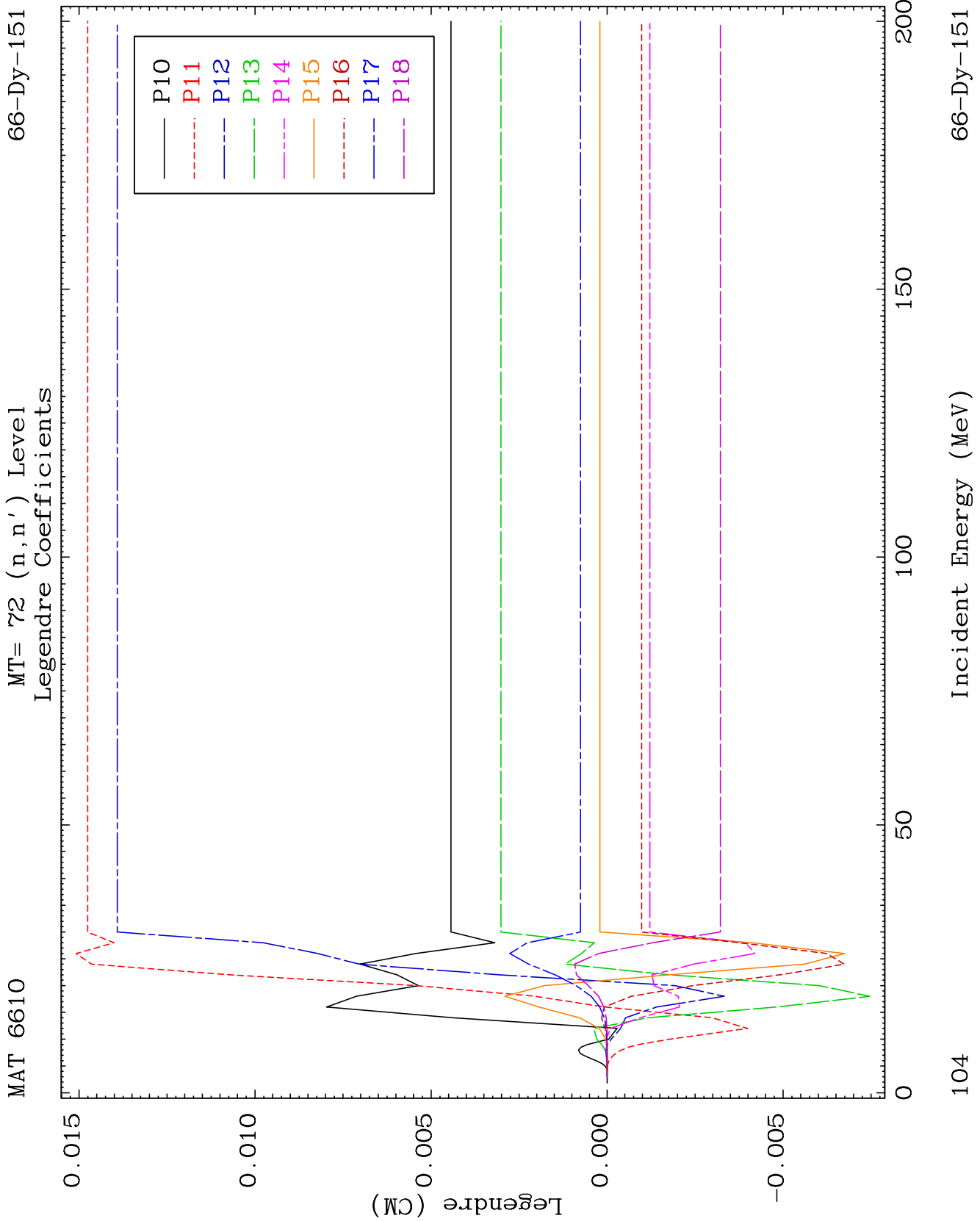
66-Dy-151

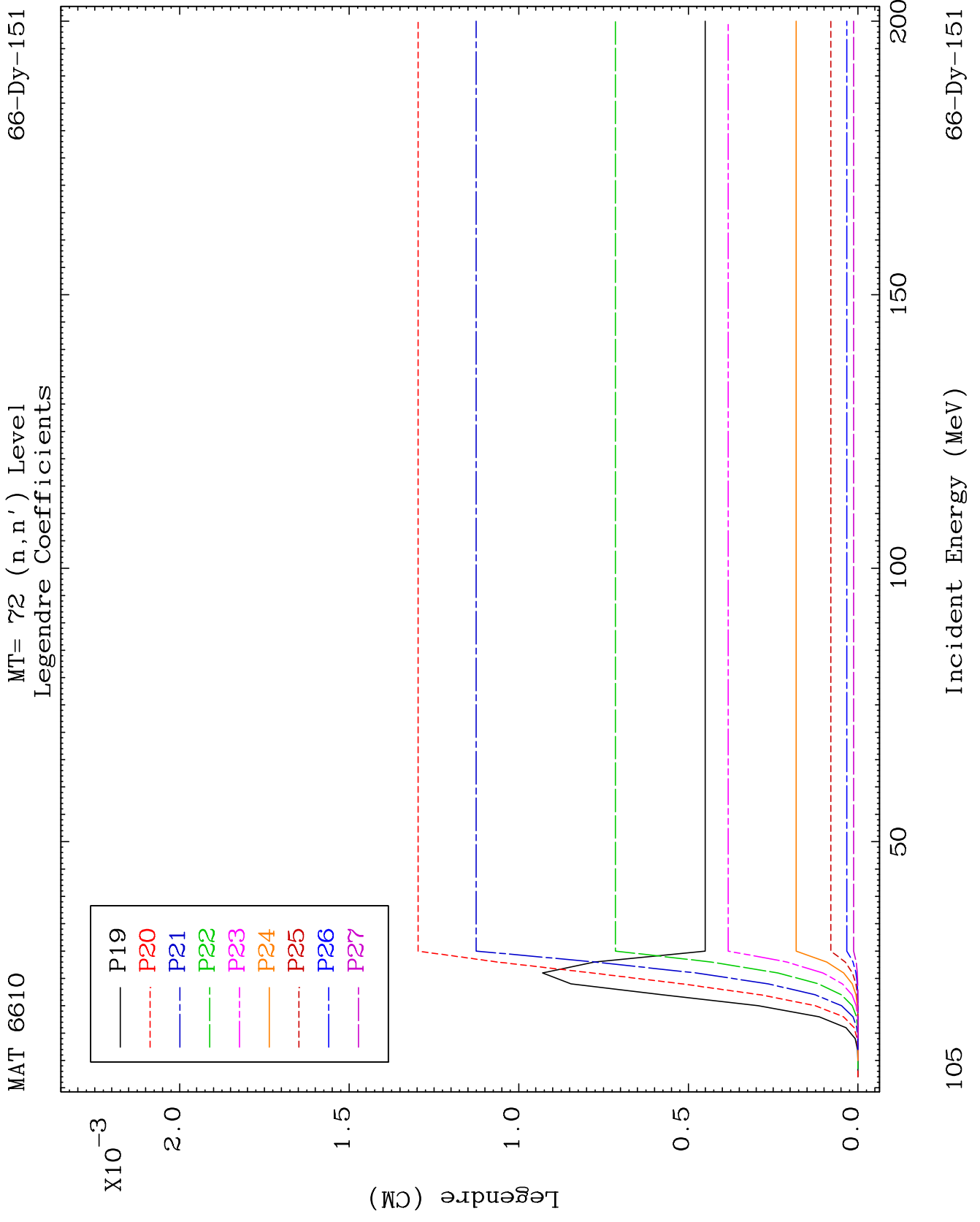


66-Dy-151

Incident Energy (MeV)

103

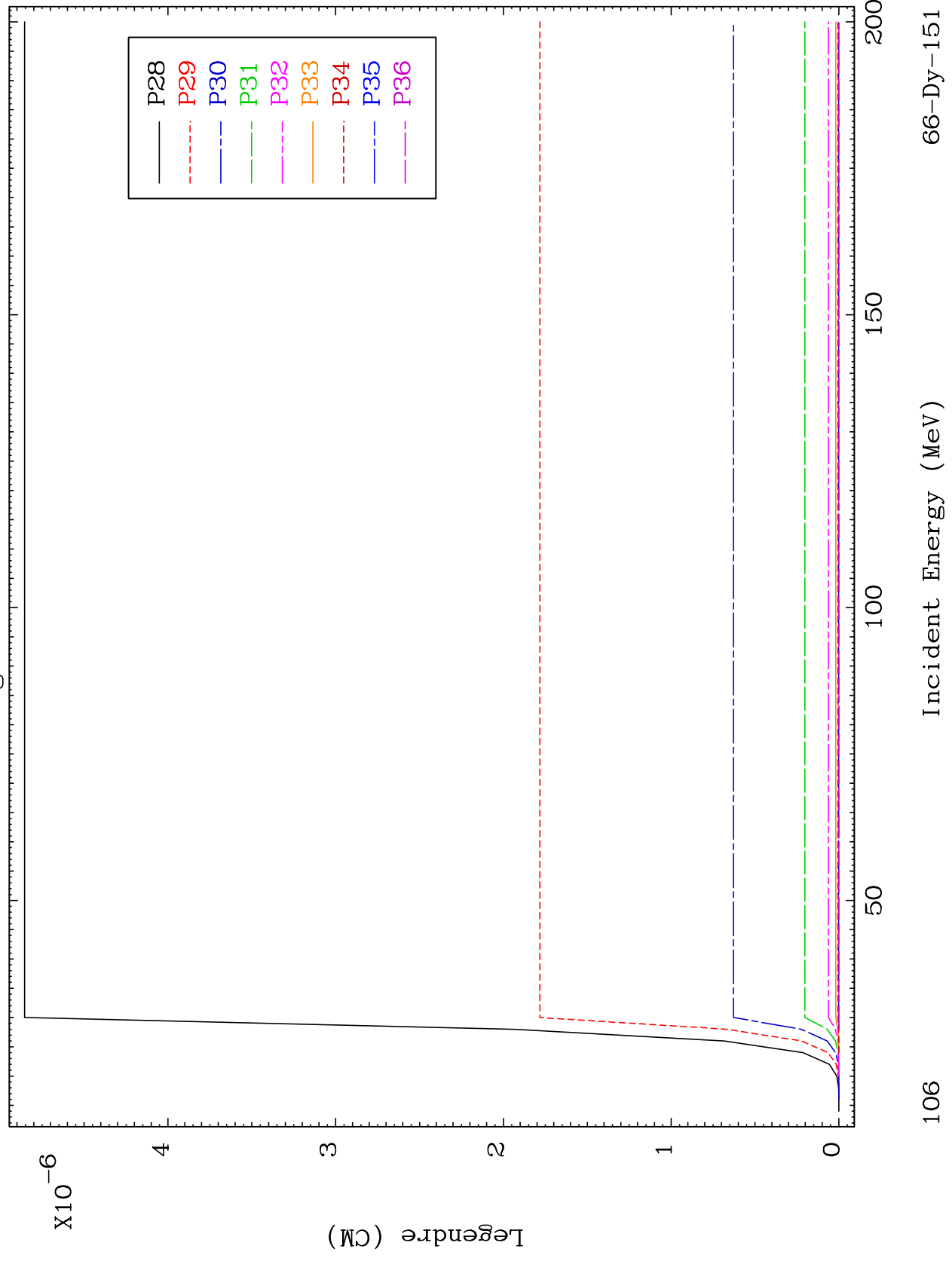


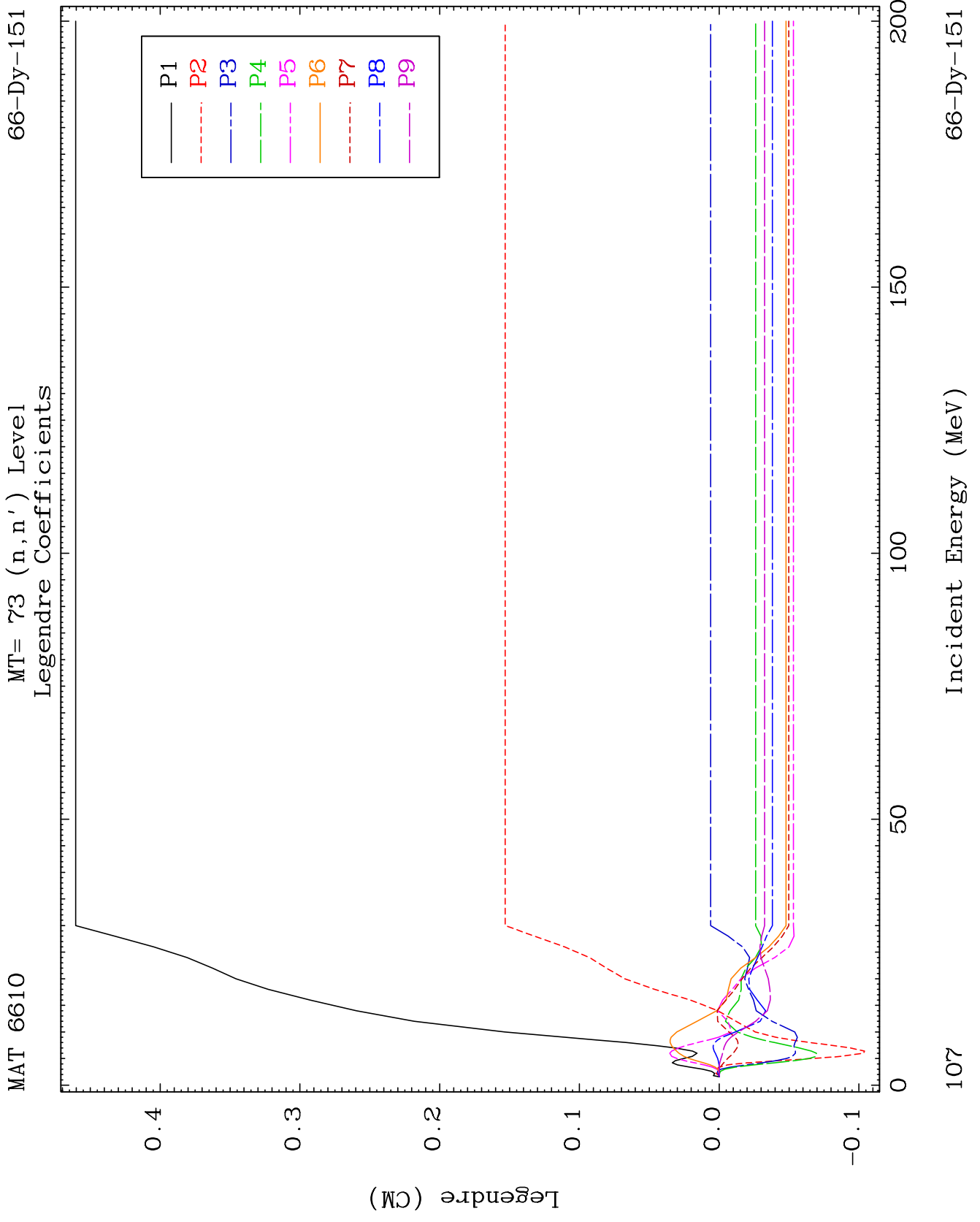


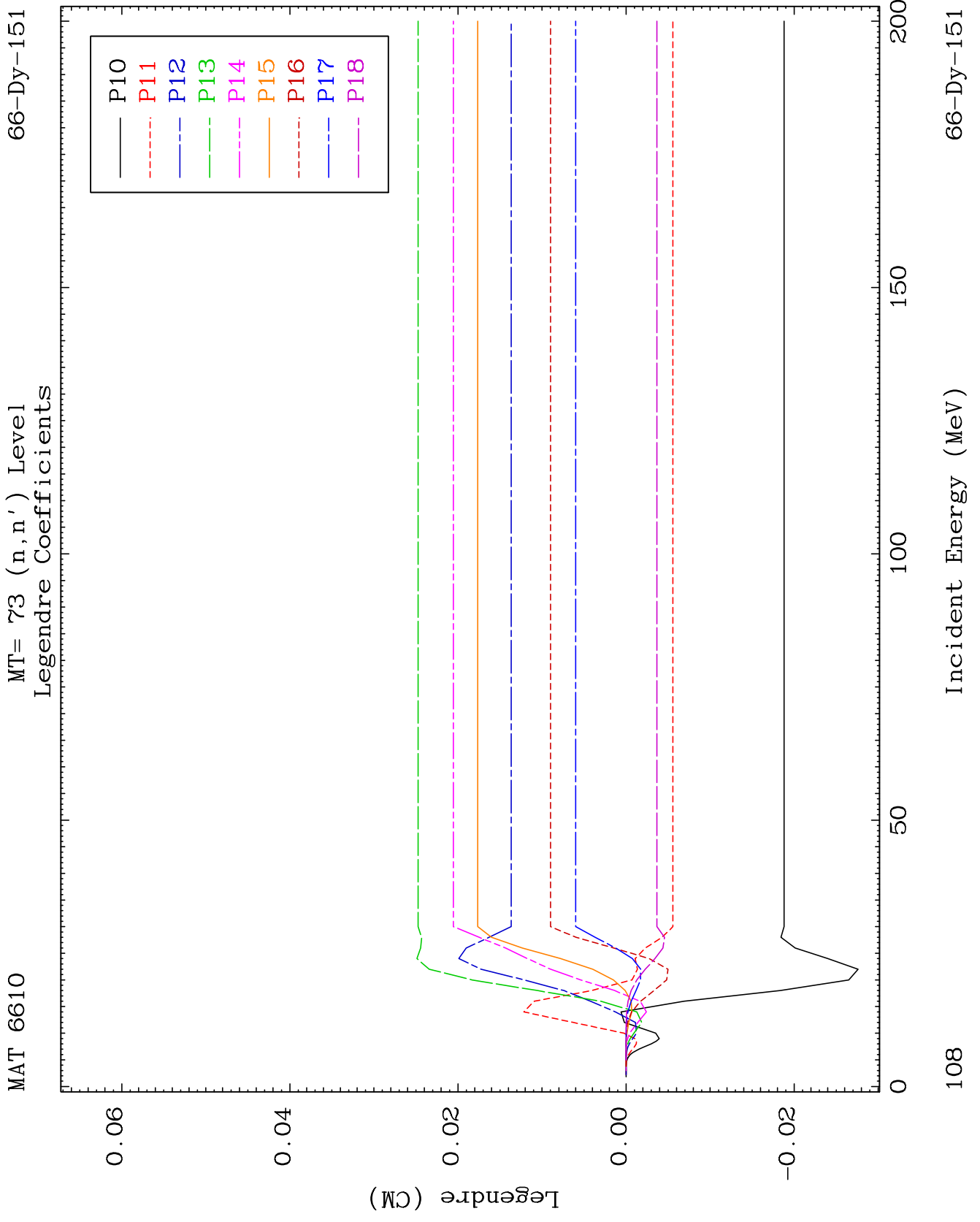
MAT 6610

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

66-Dy-151



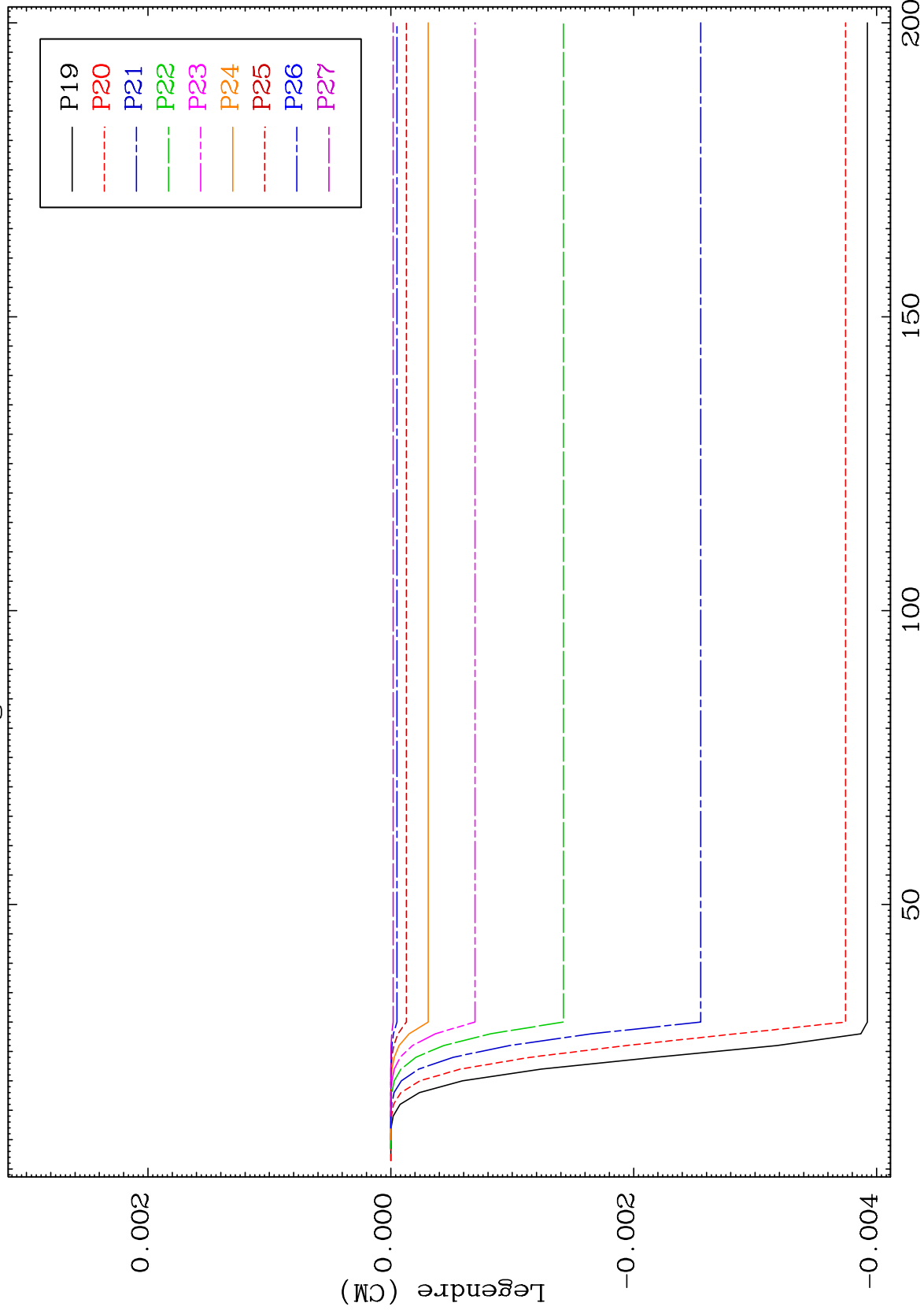




MAT 6610

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

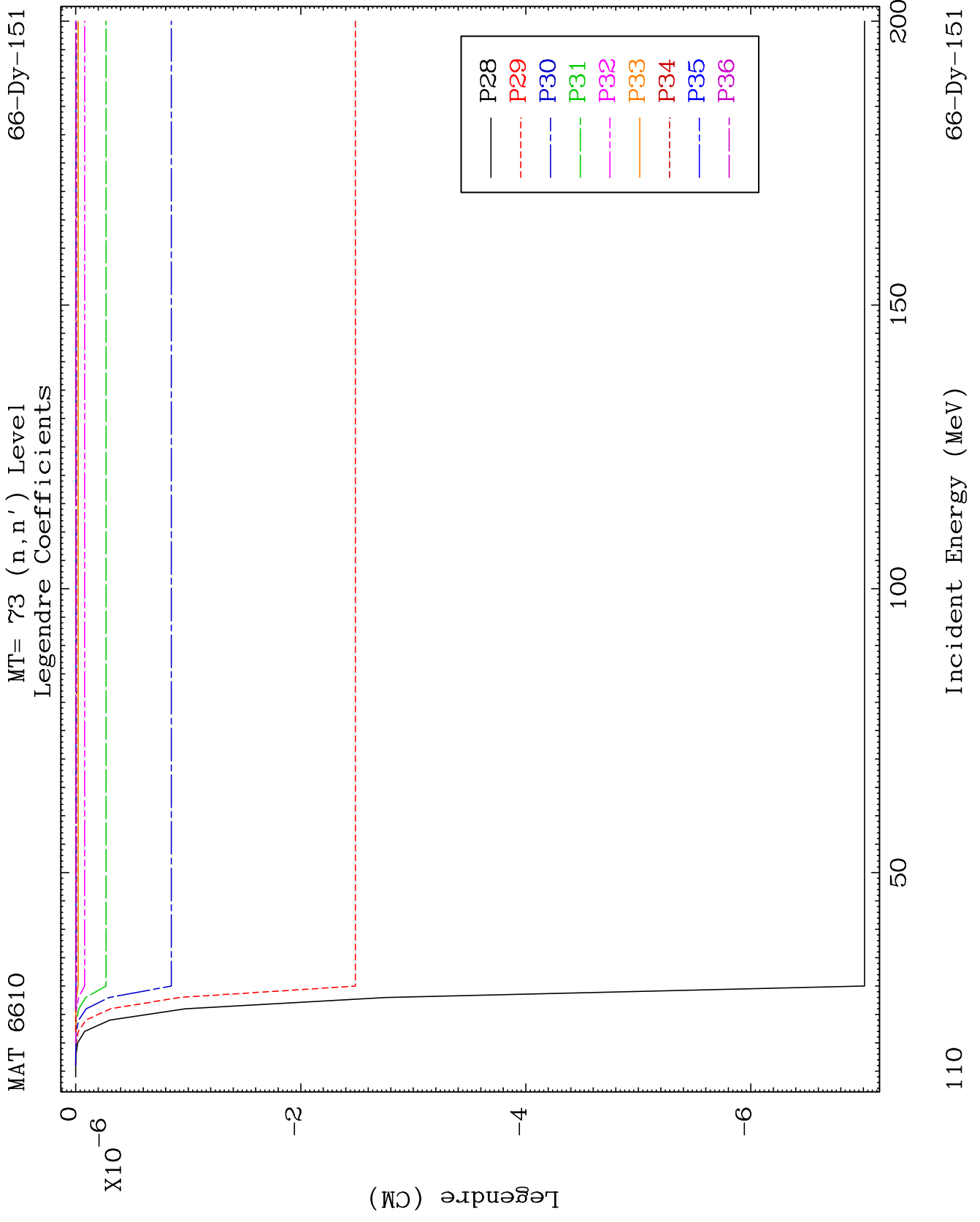
66-Dy-151



109

Incident Energy (MeV)

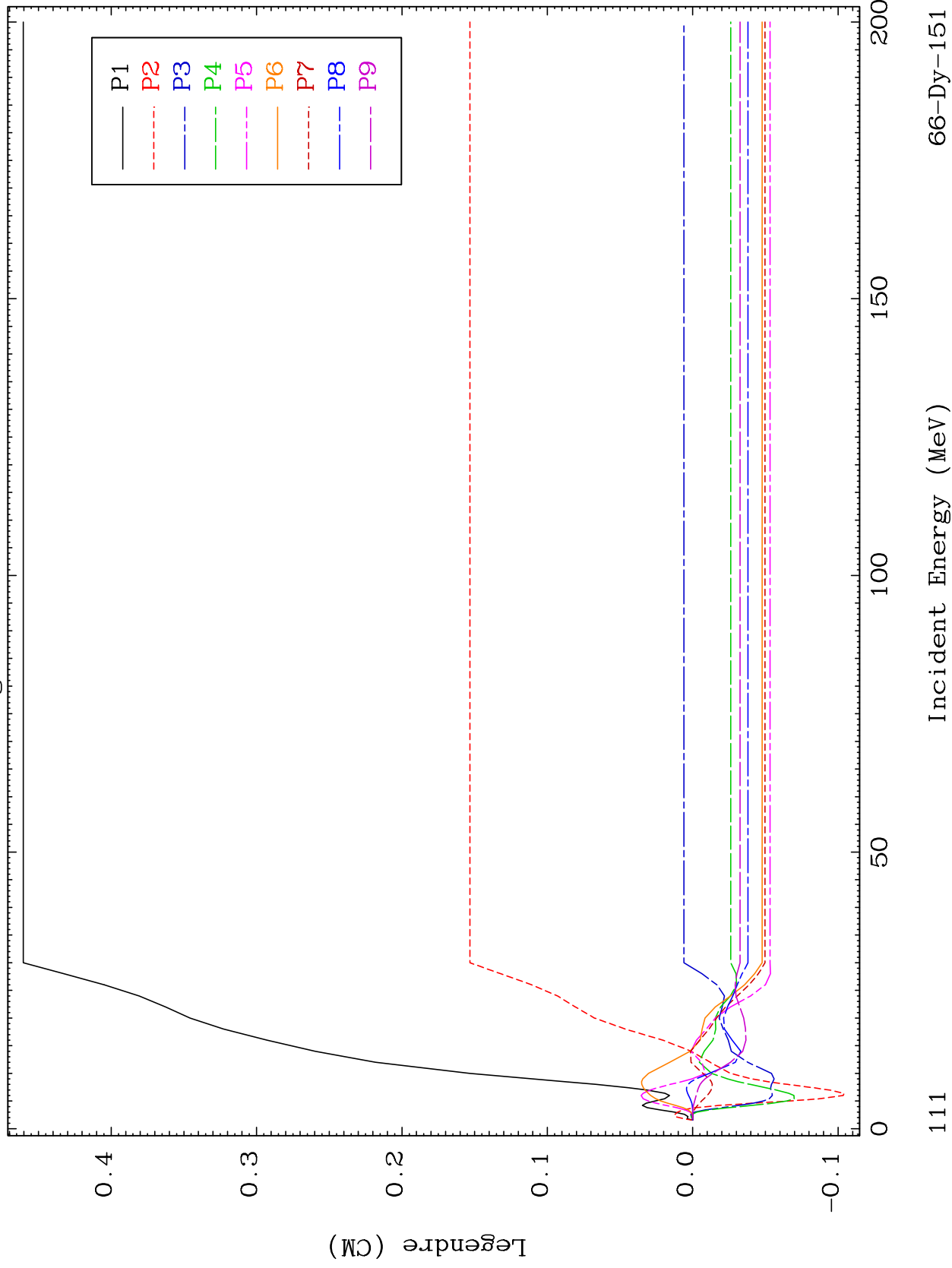
66-Dy-151



MAT 6610

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

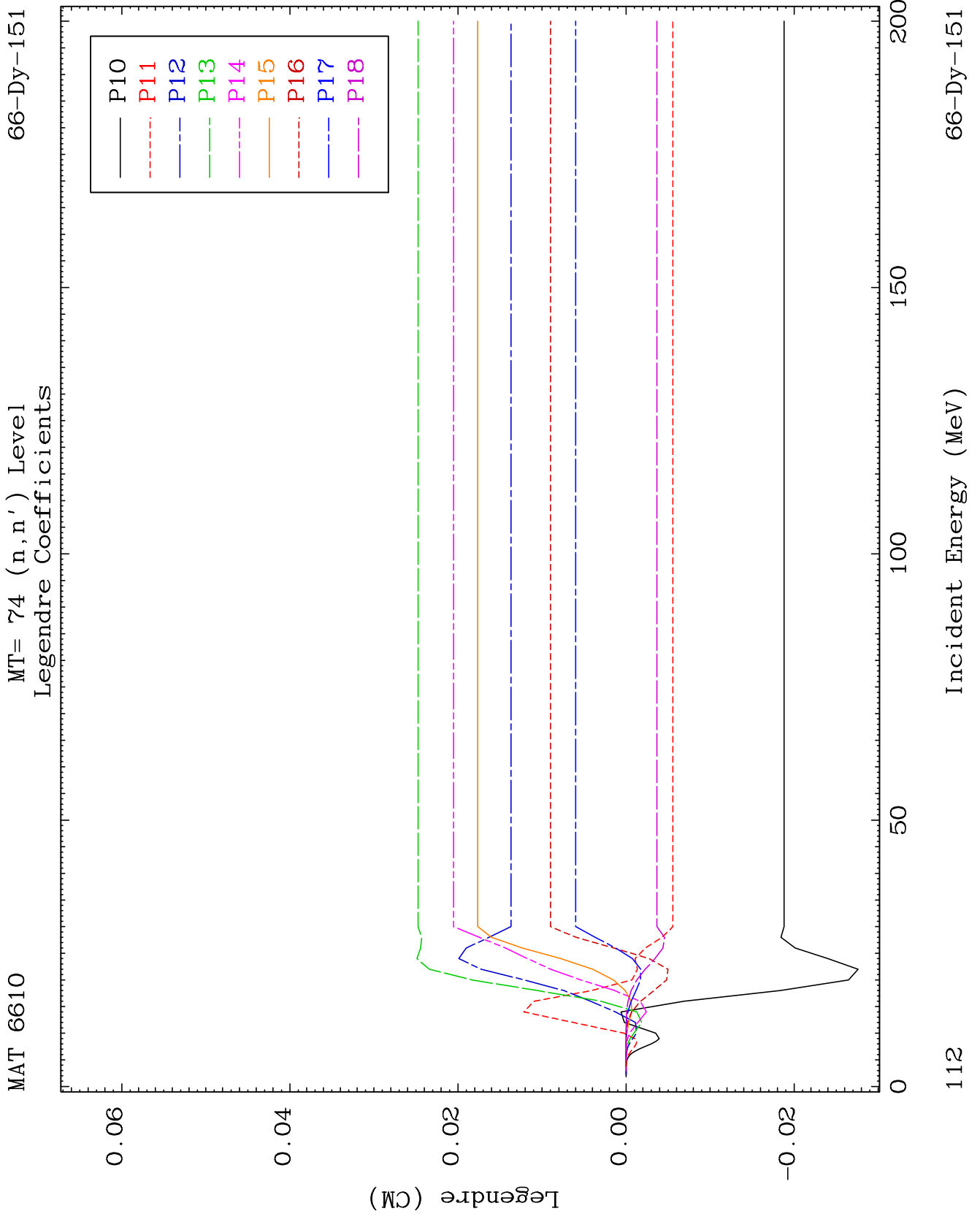
66-Dy-151



66-Dy-151

Incident Energy (MeV)

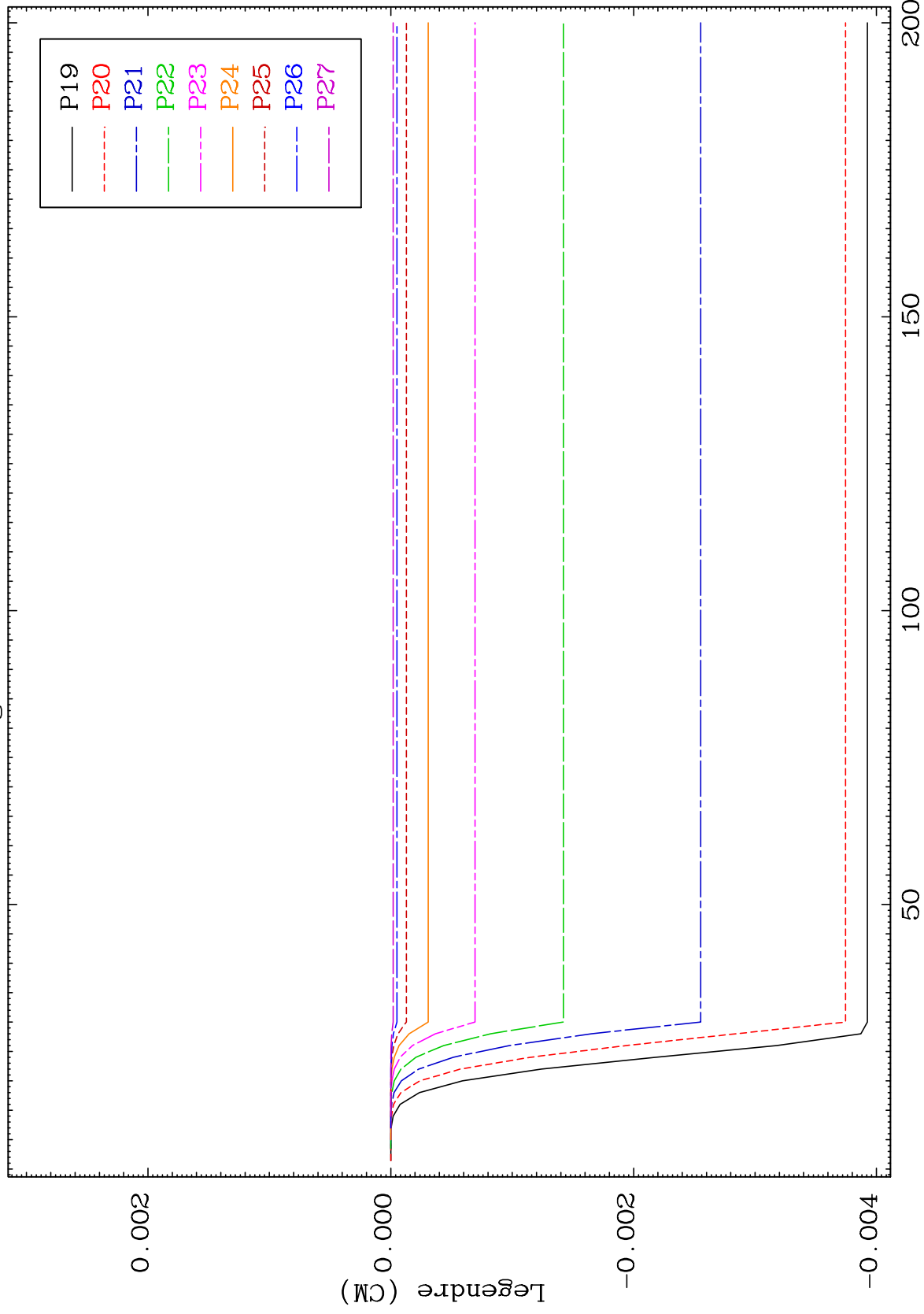
111



MAT 6610

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

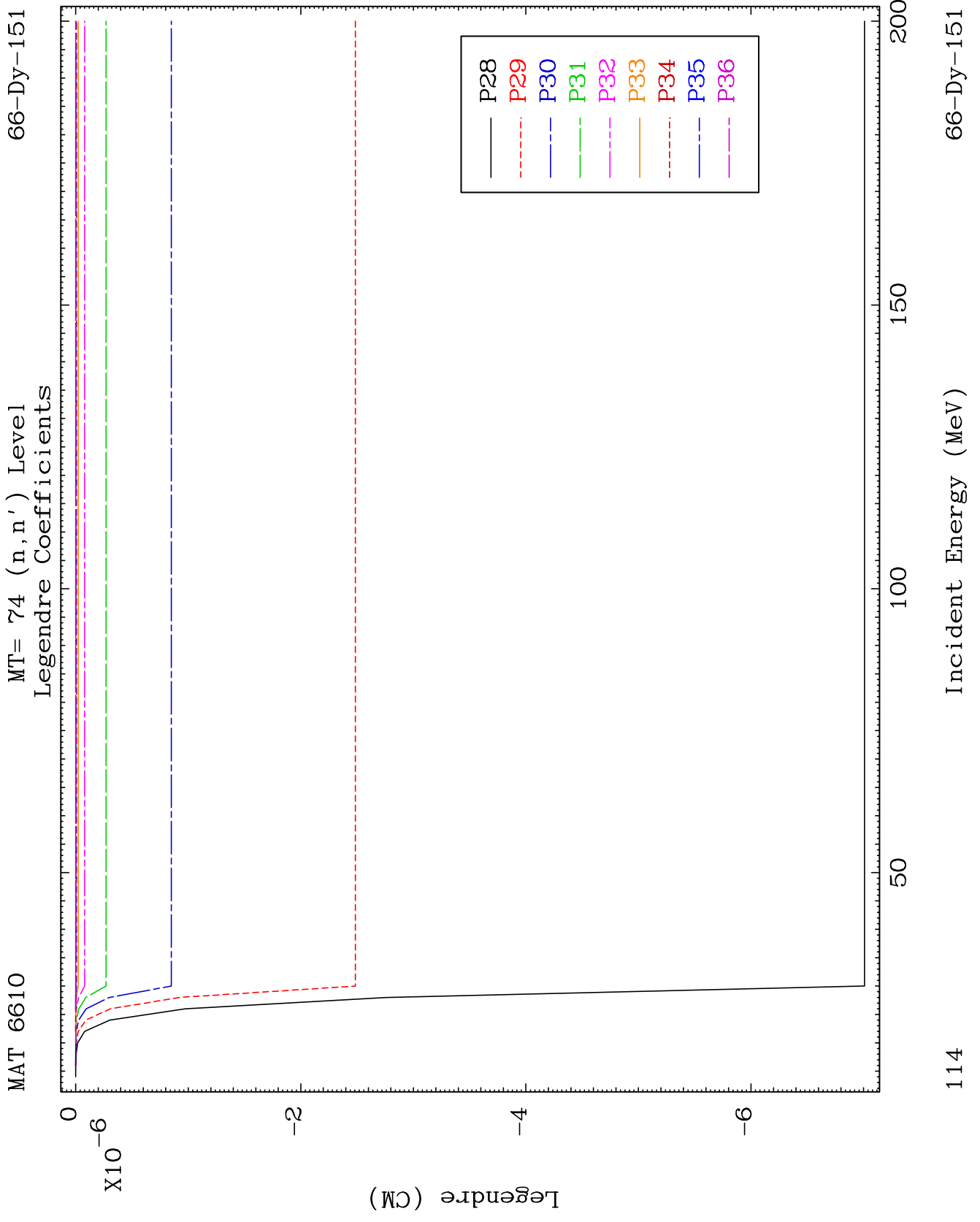
66-Dy-151

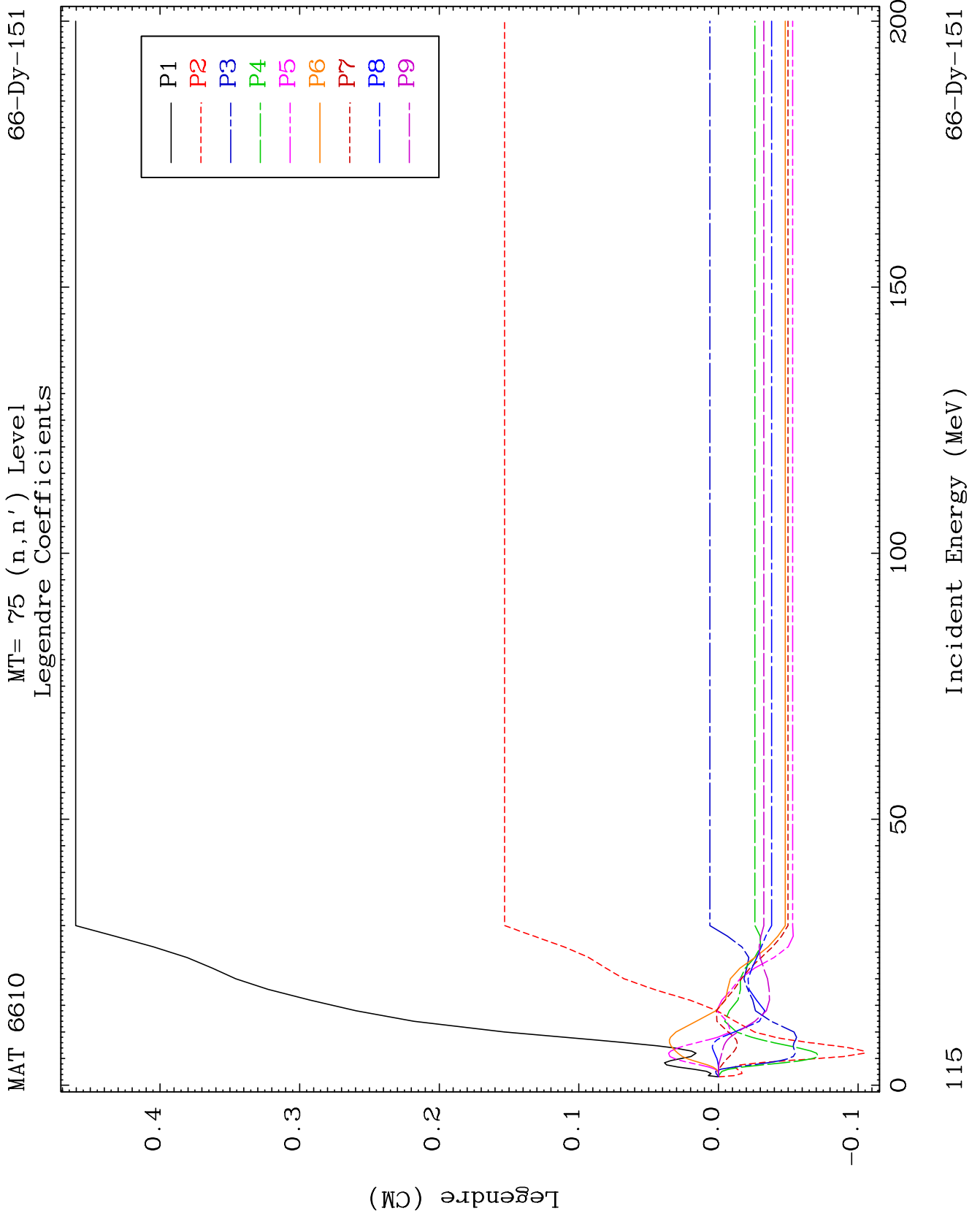


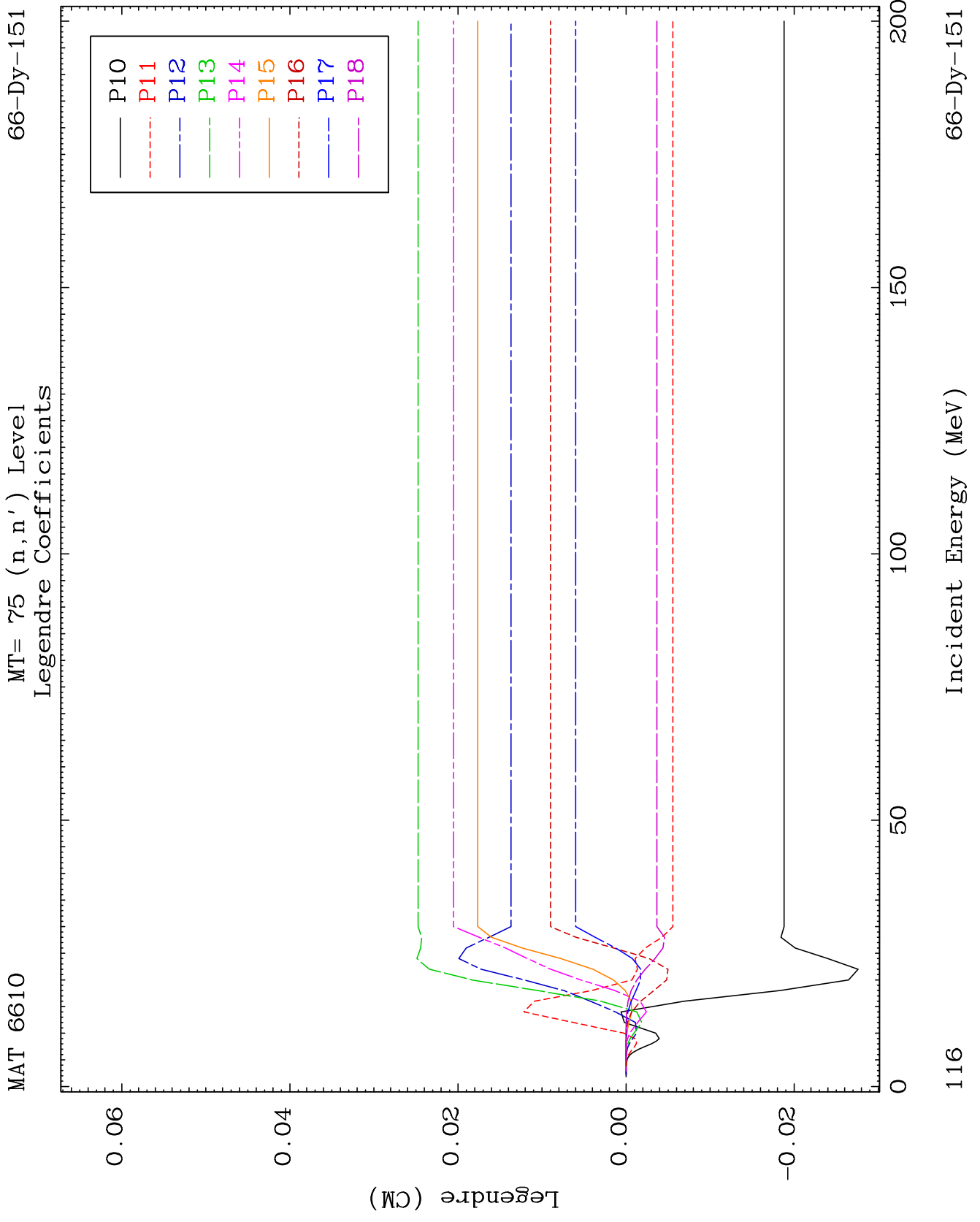
113

Incident Energy (MeV)

66-Dy-151



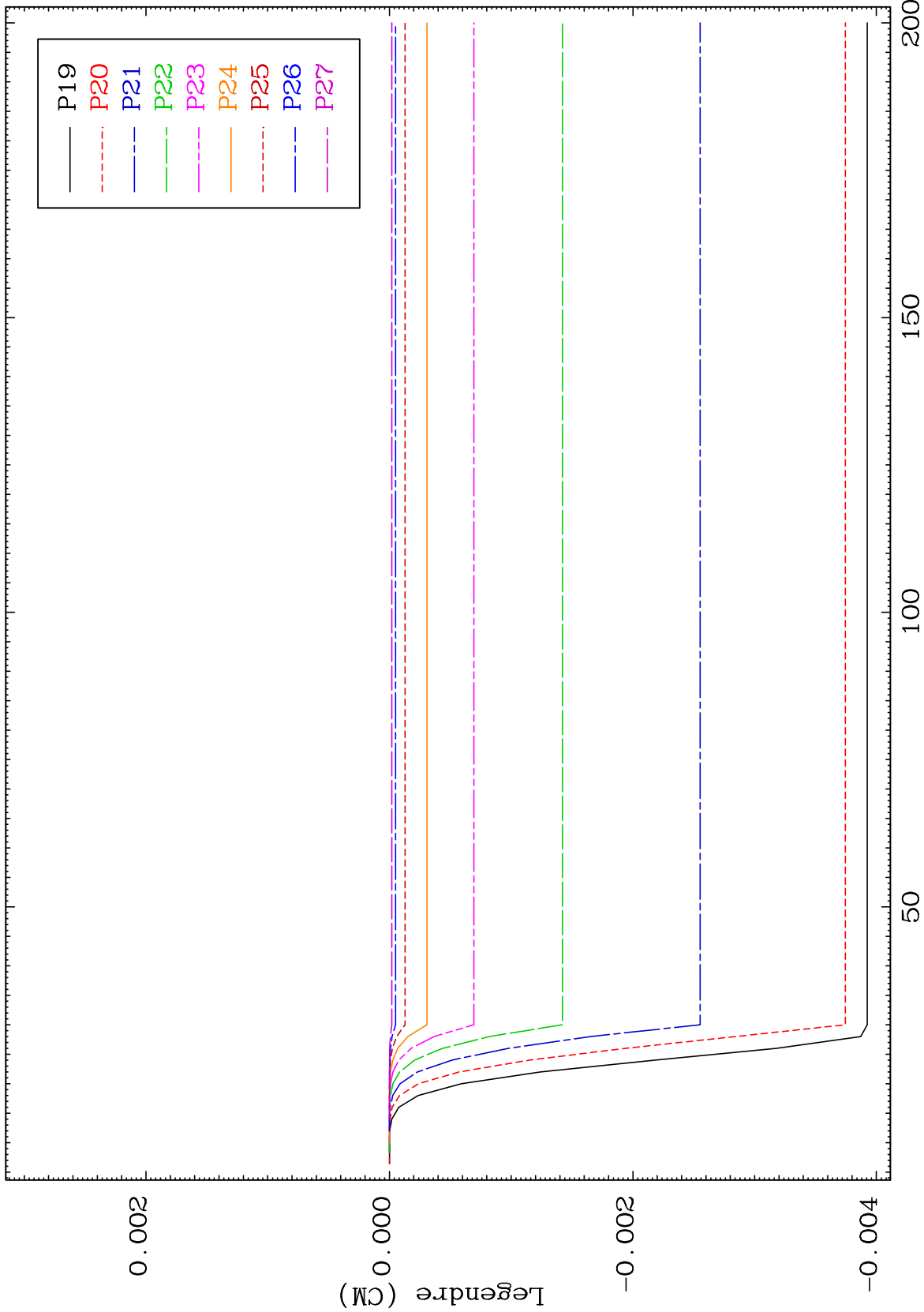




MAT 6610

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

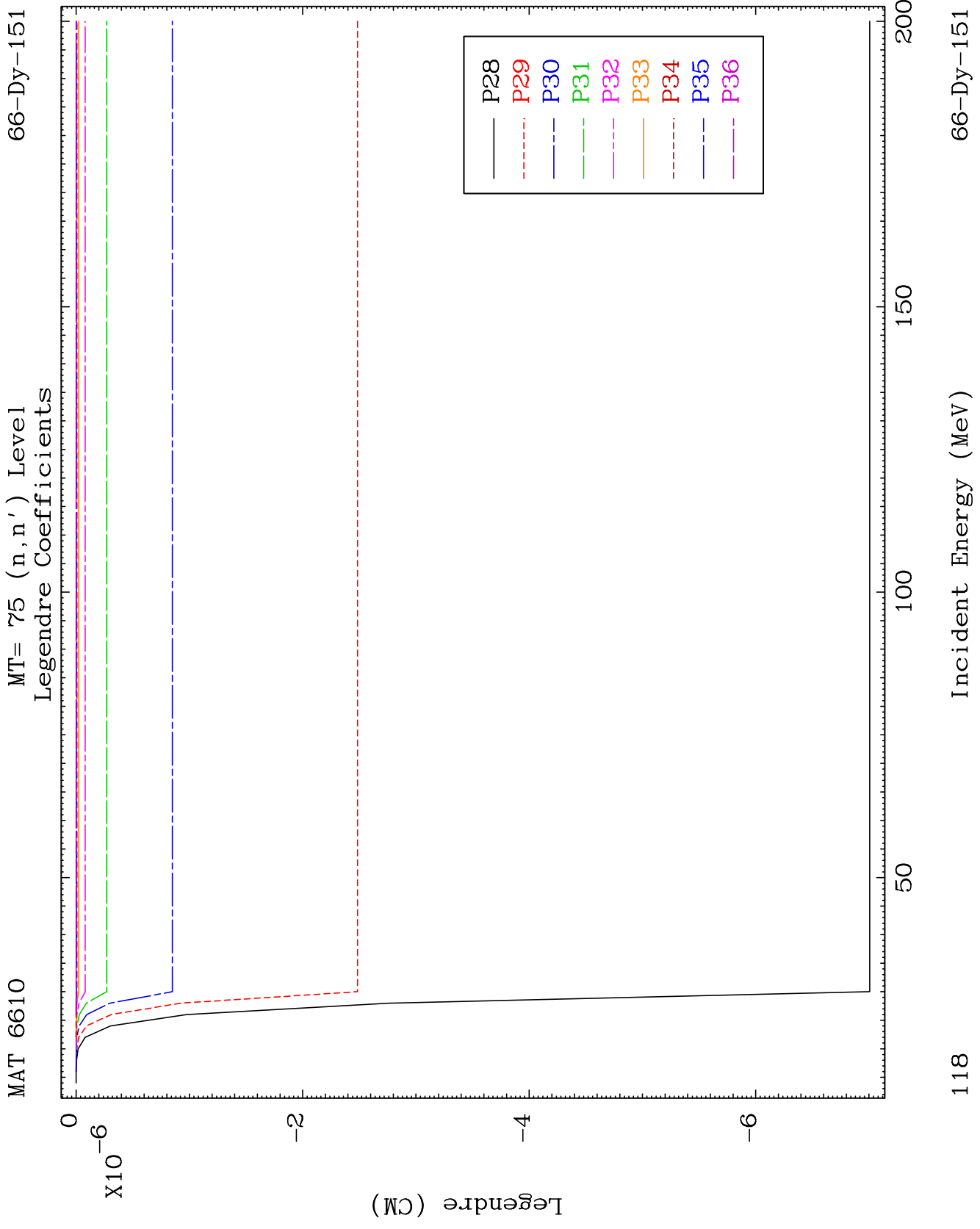
66-Dy-151

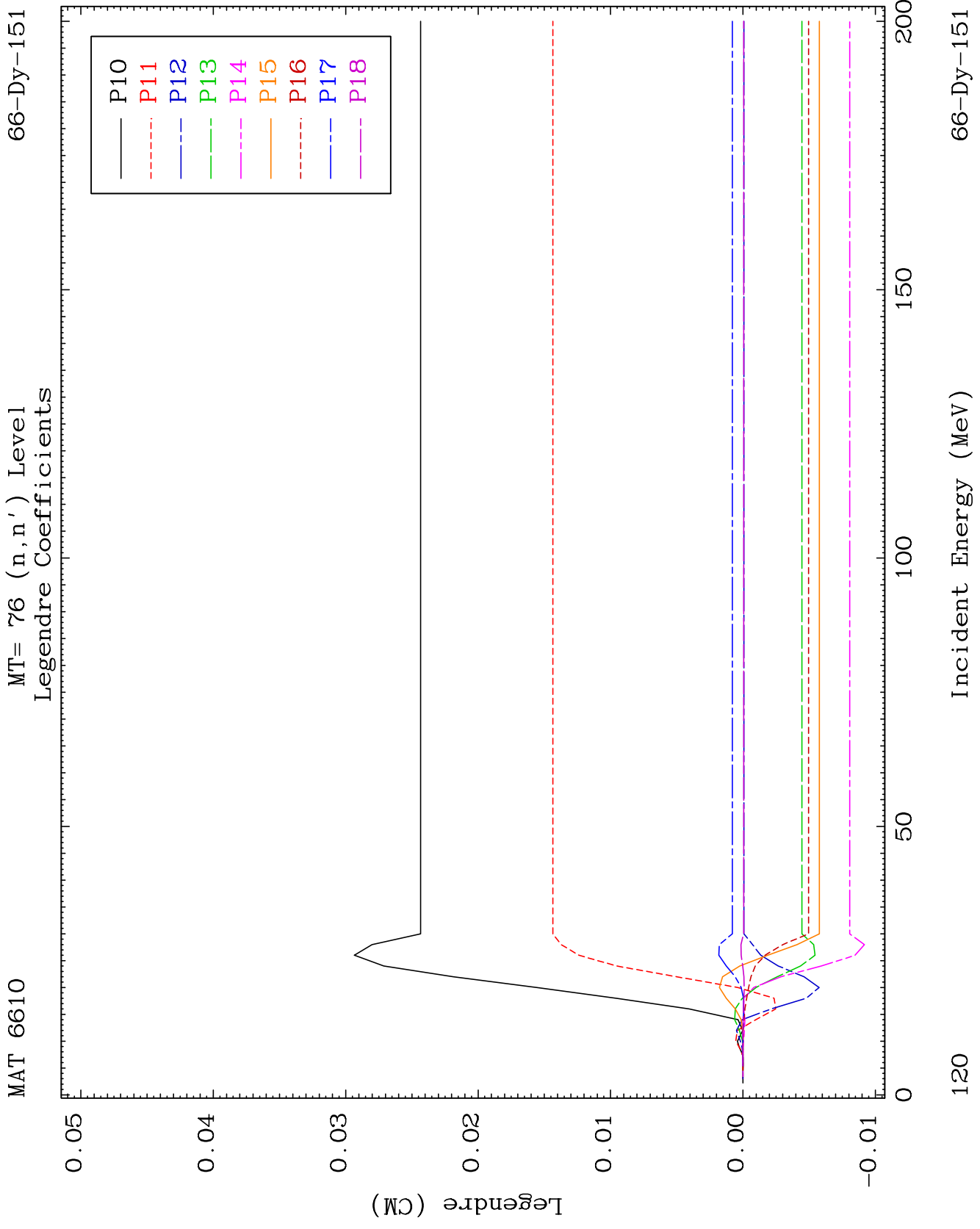


117

Incident Energy (MeV)

66-Dy-151

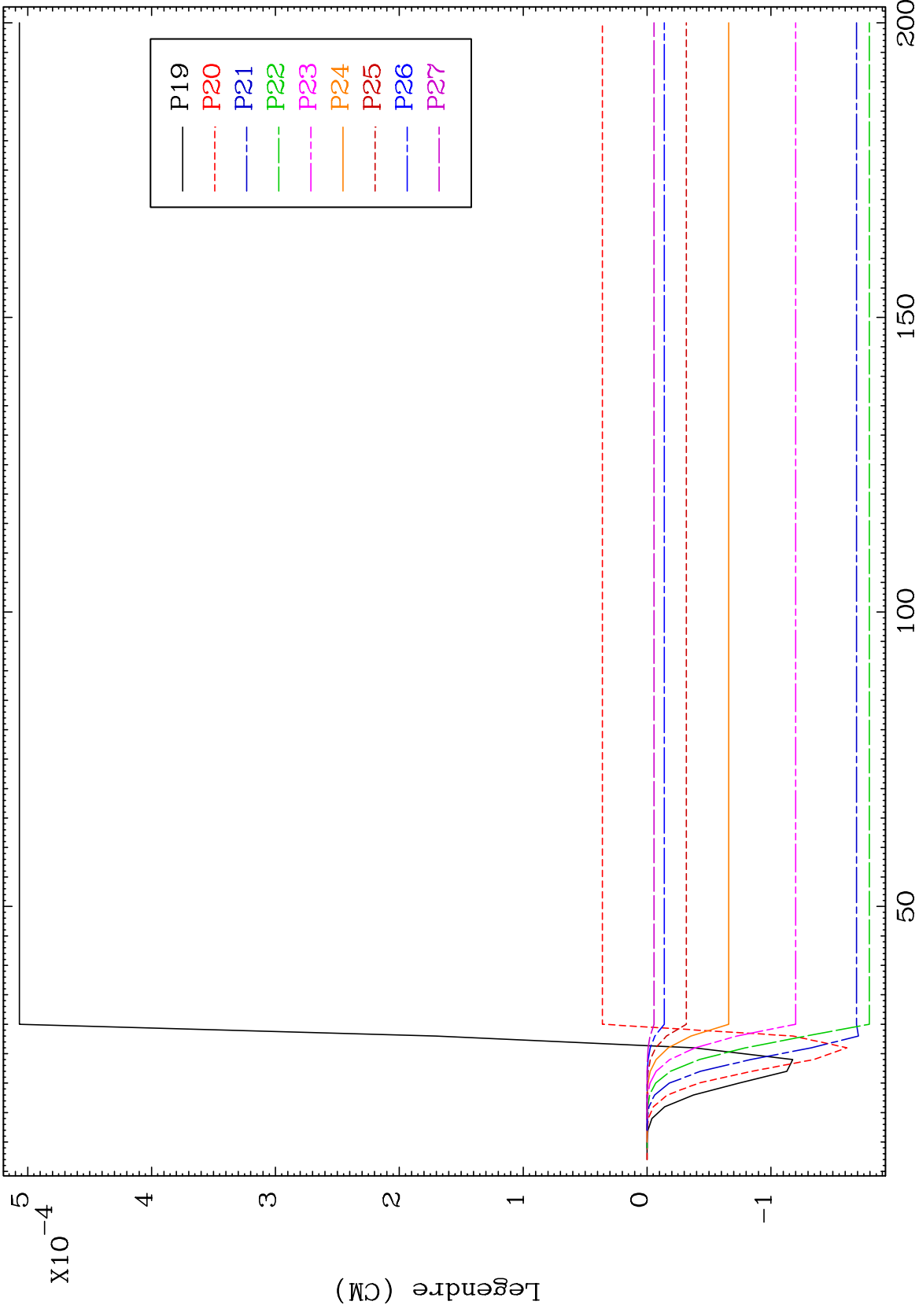




MAT 6610

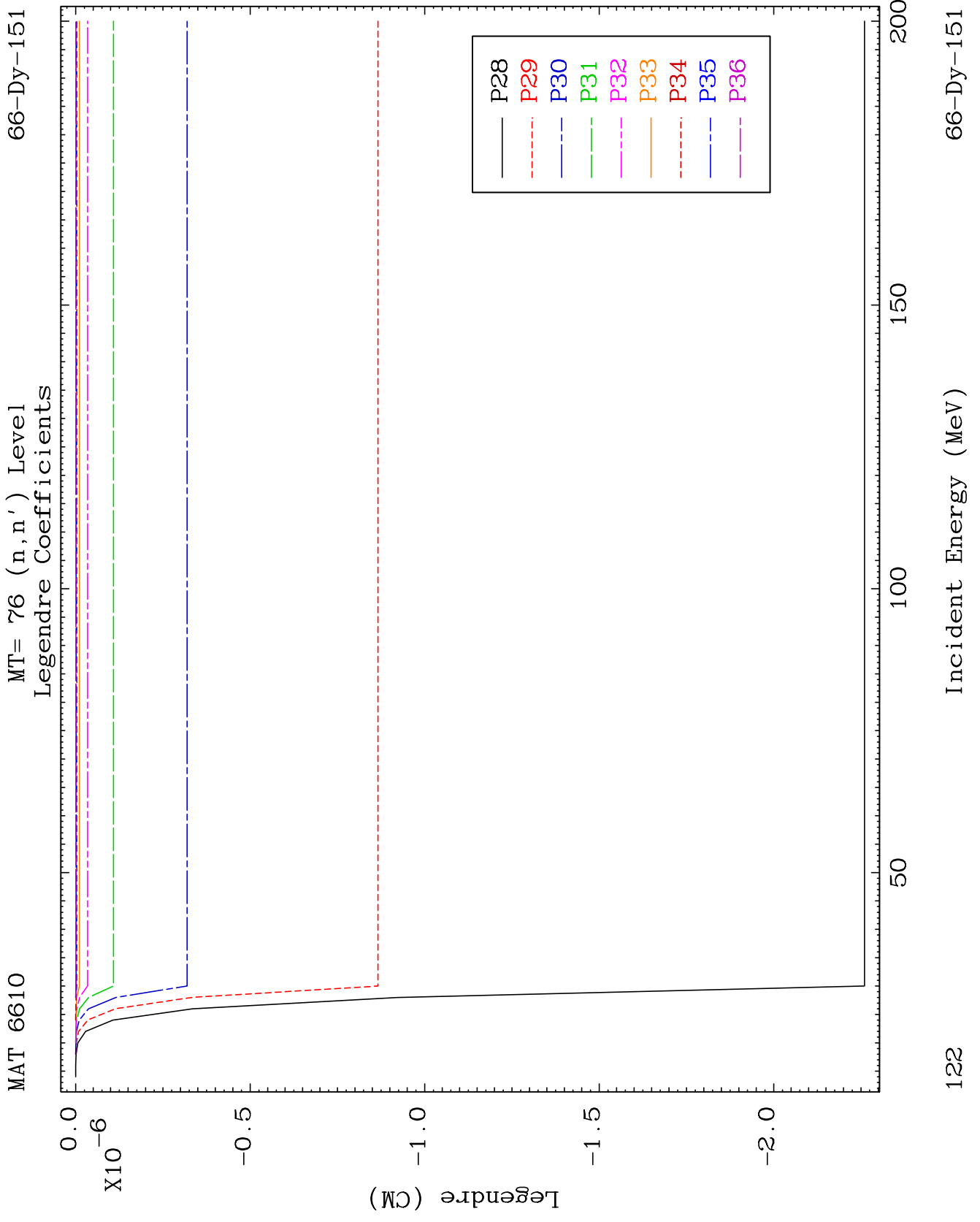
MT= 76 (n,n') Level
Legendre Coefficients

66-Dy-151



121

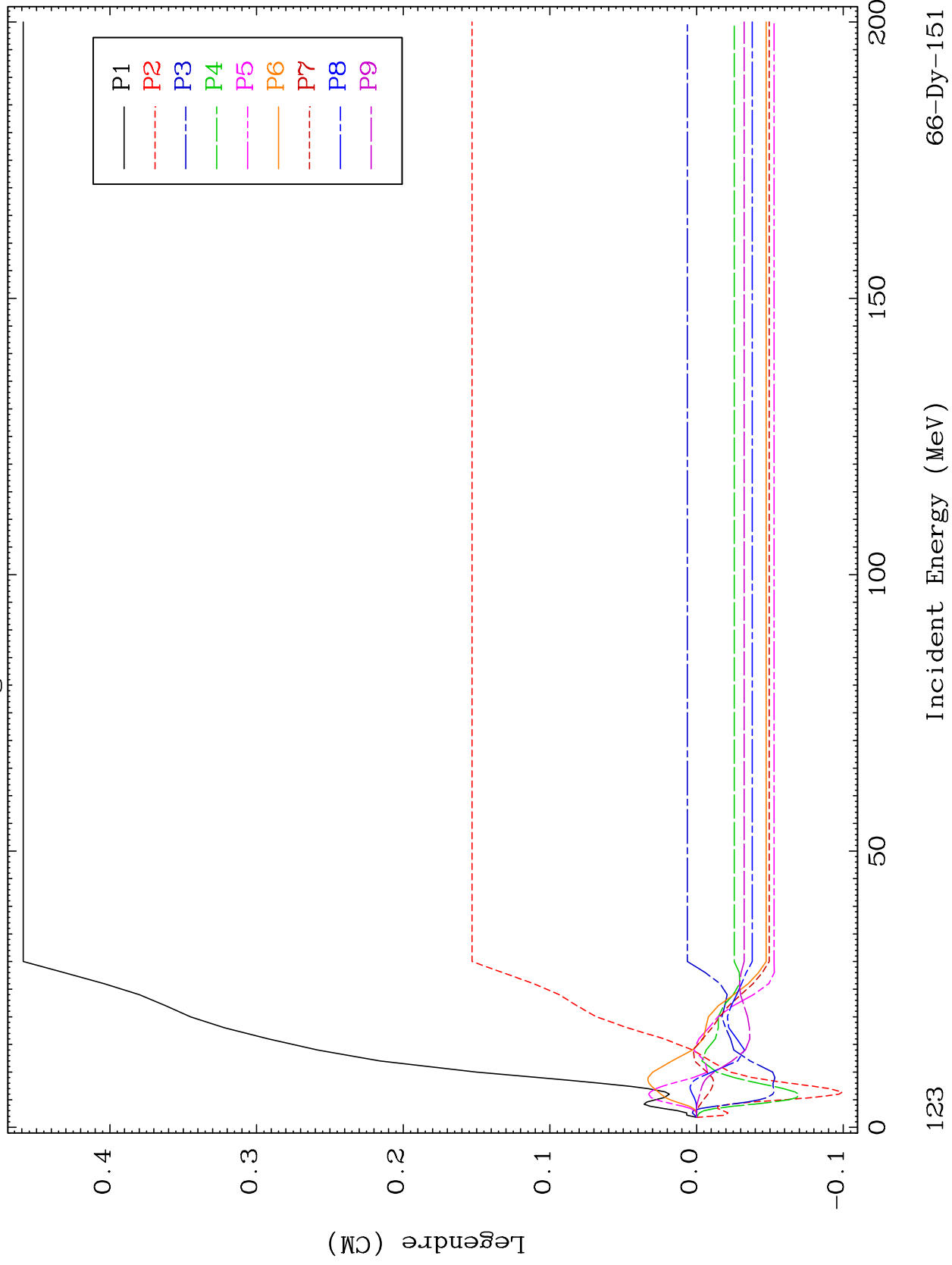
66-Dy-151



MAT 6610

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

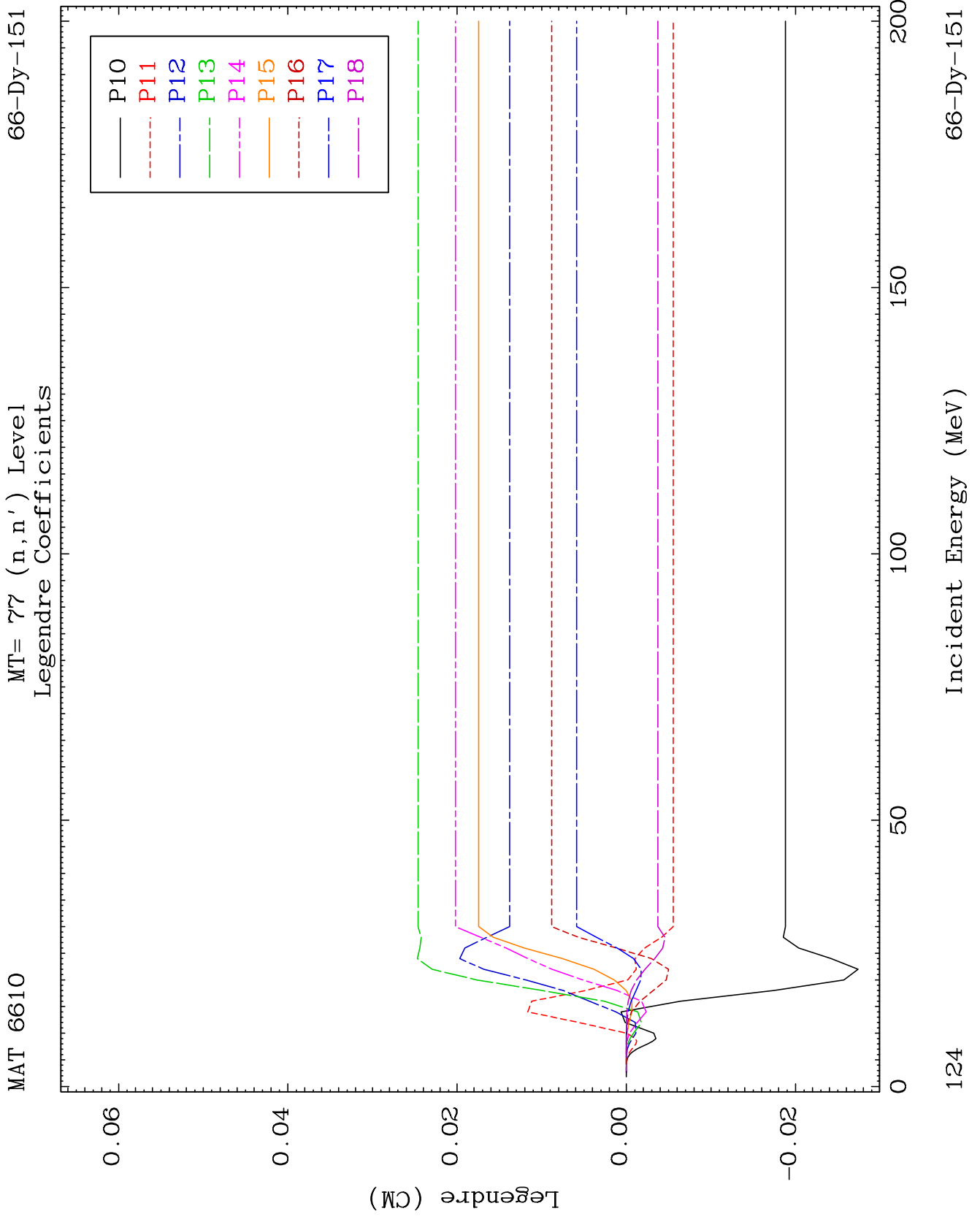
66-Dy-151



66-Dy-151

Incident Energy (MeV)

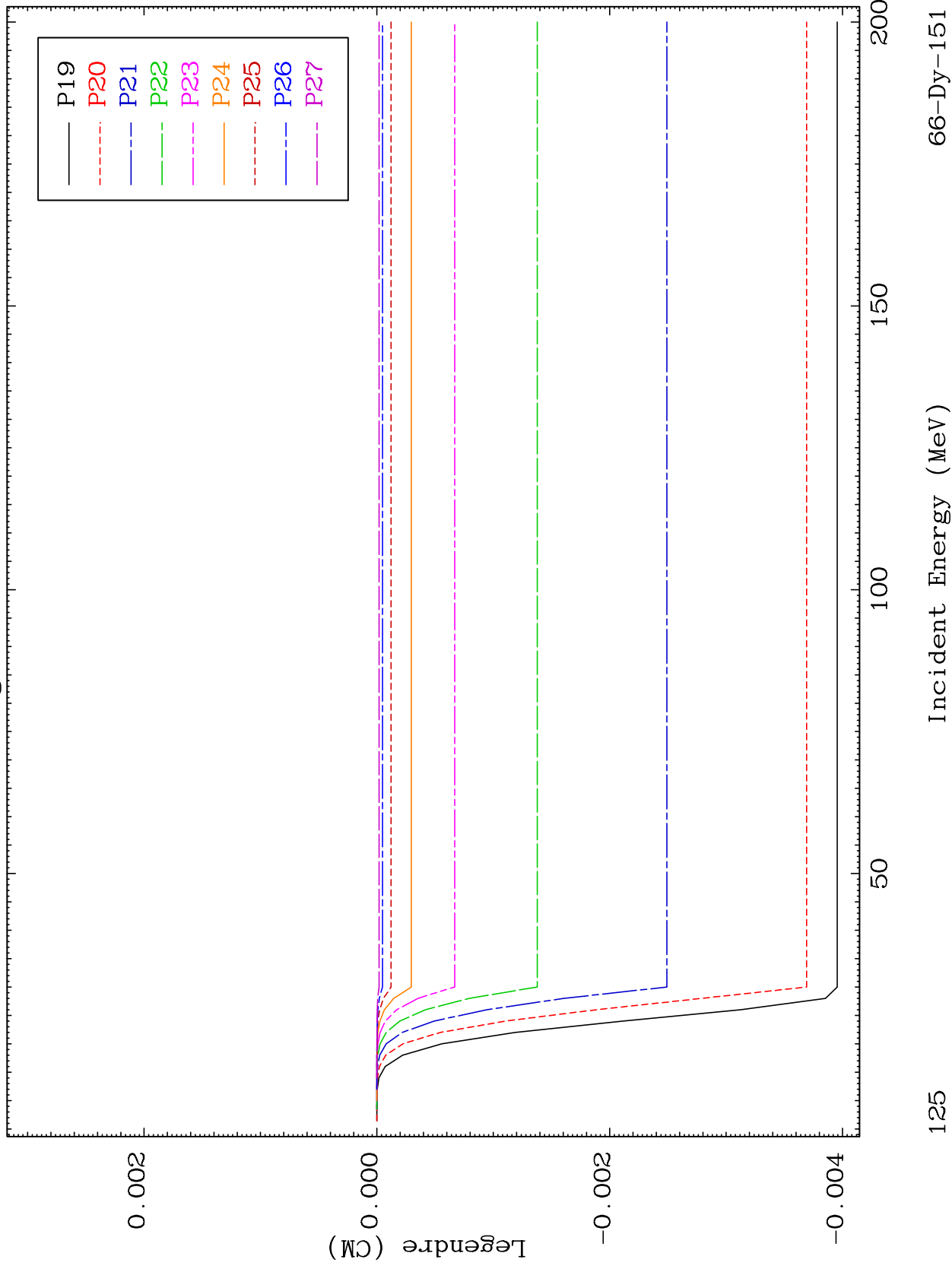
123



MAT 6610

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

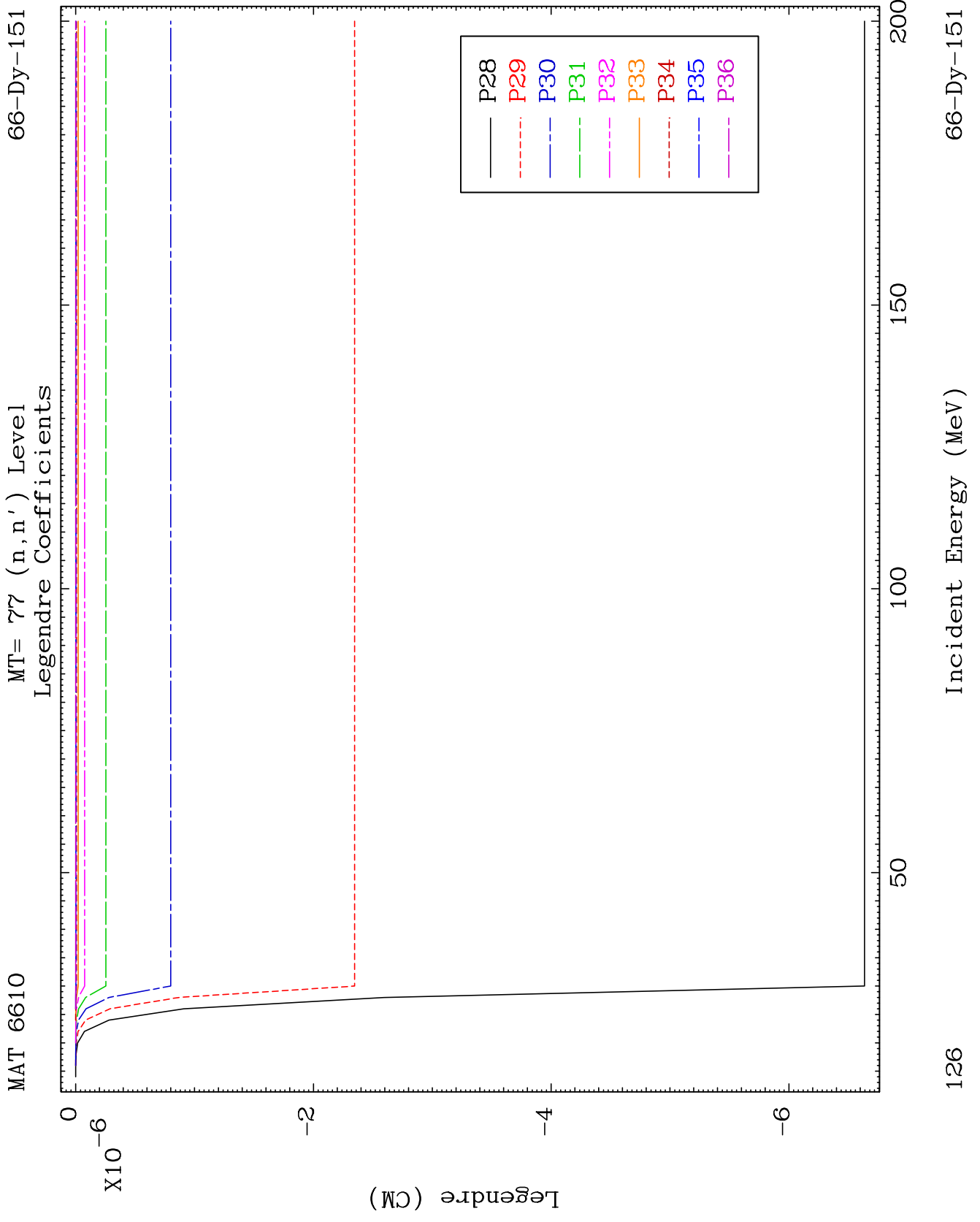
66-Dy-151



125

Incident Energy (MeV)

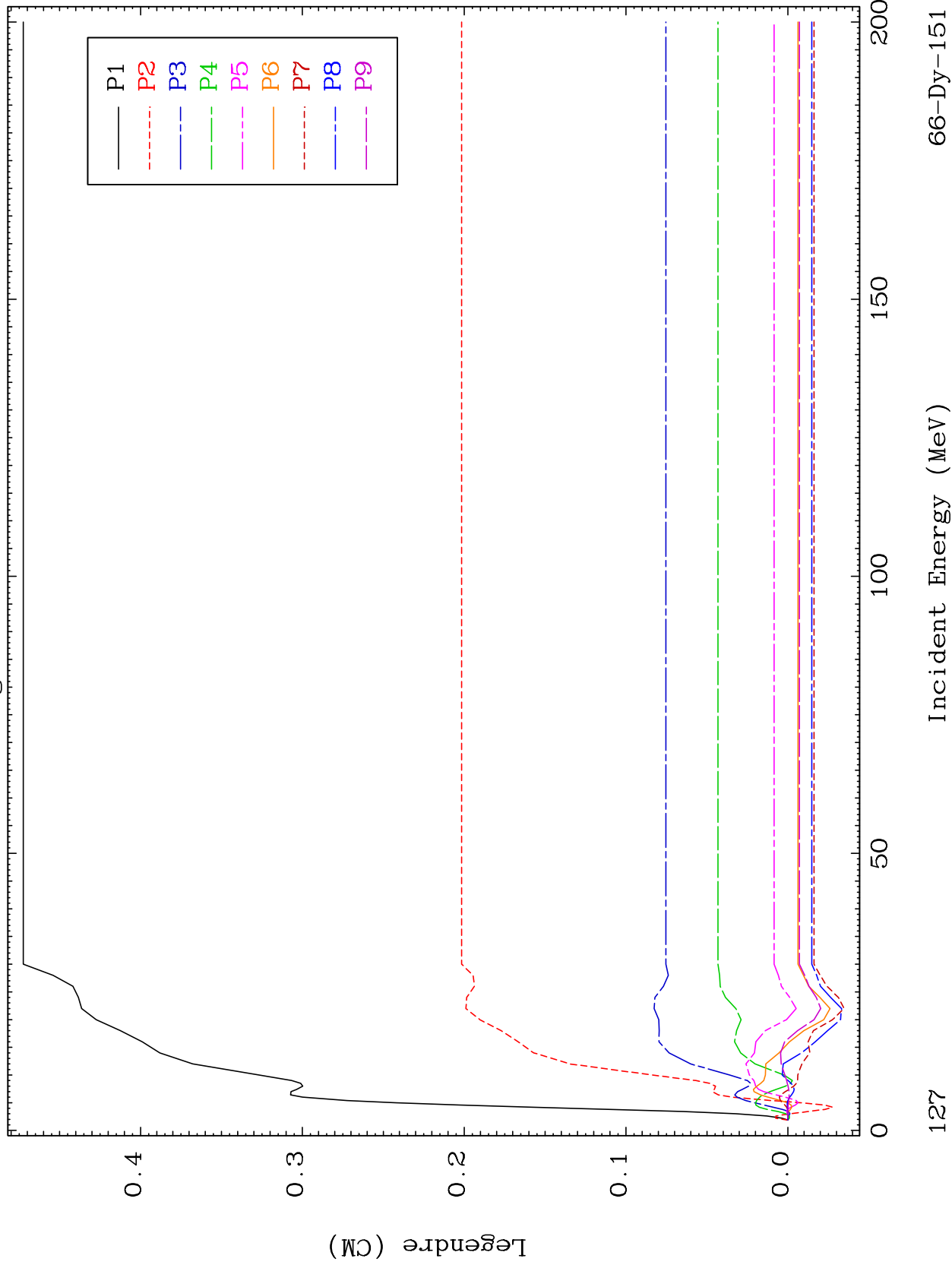
66-Dy-151

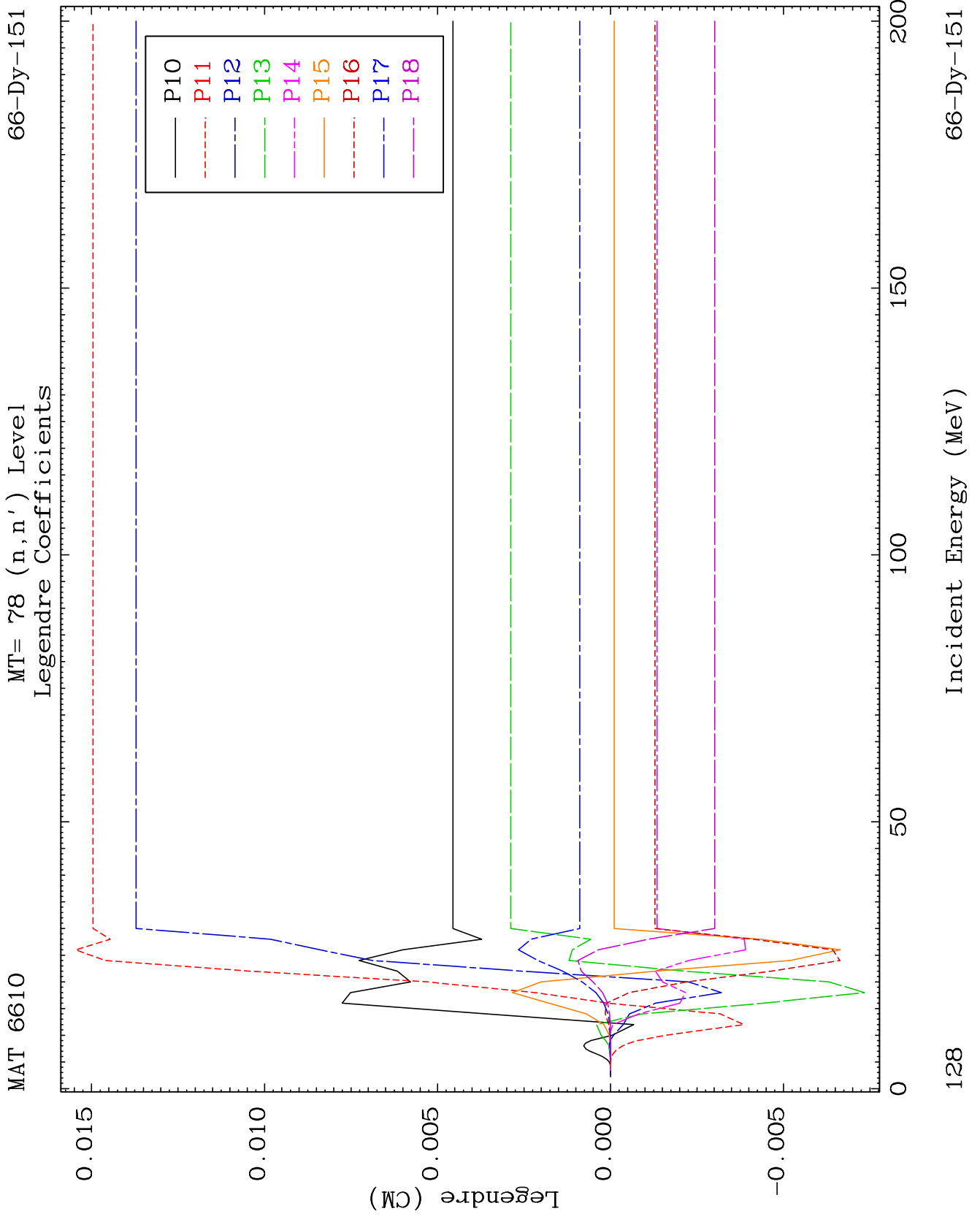


MAT 6610

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

66-Dy-151

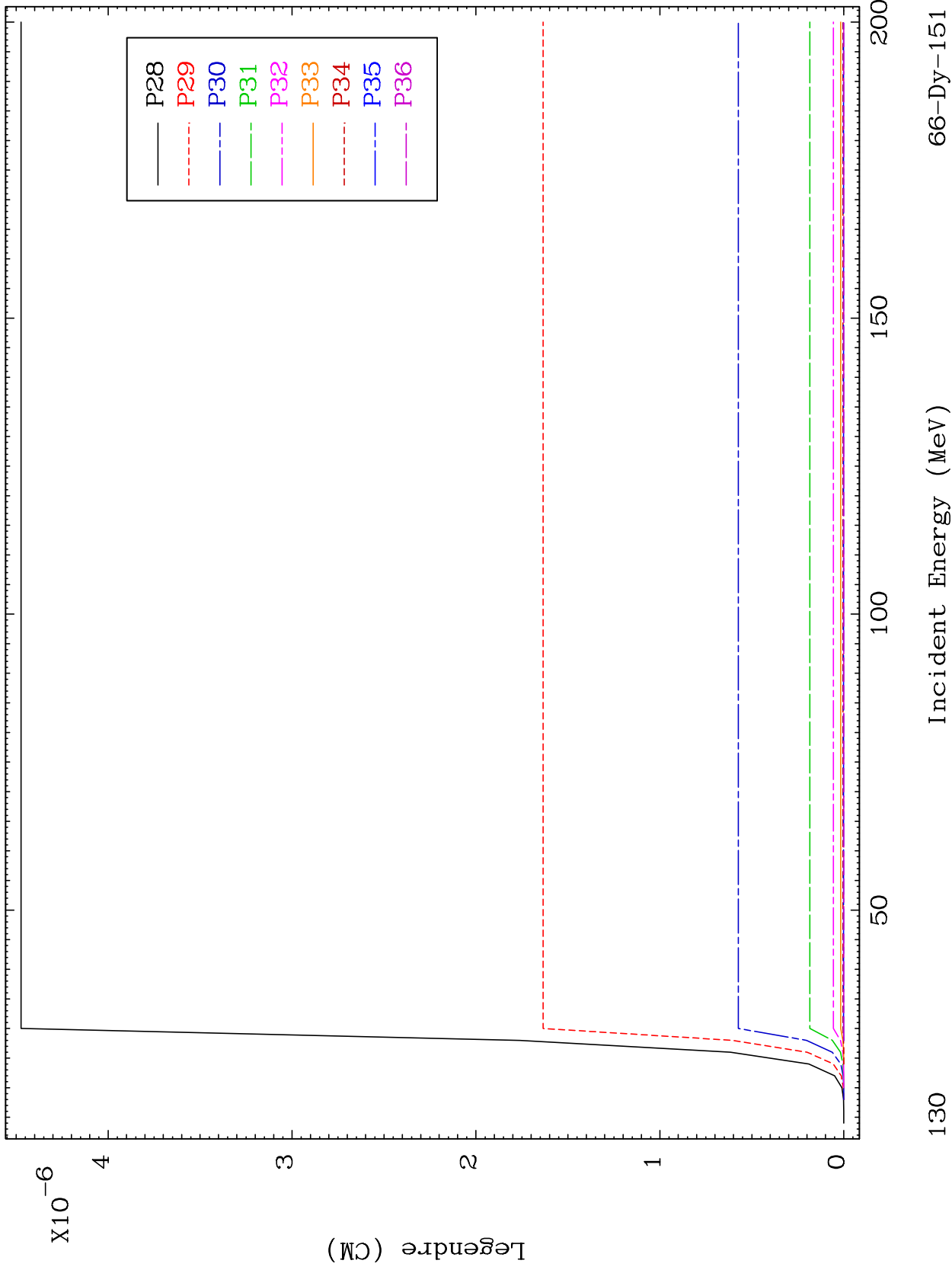




MAT 6610

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

66-Dy-151

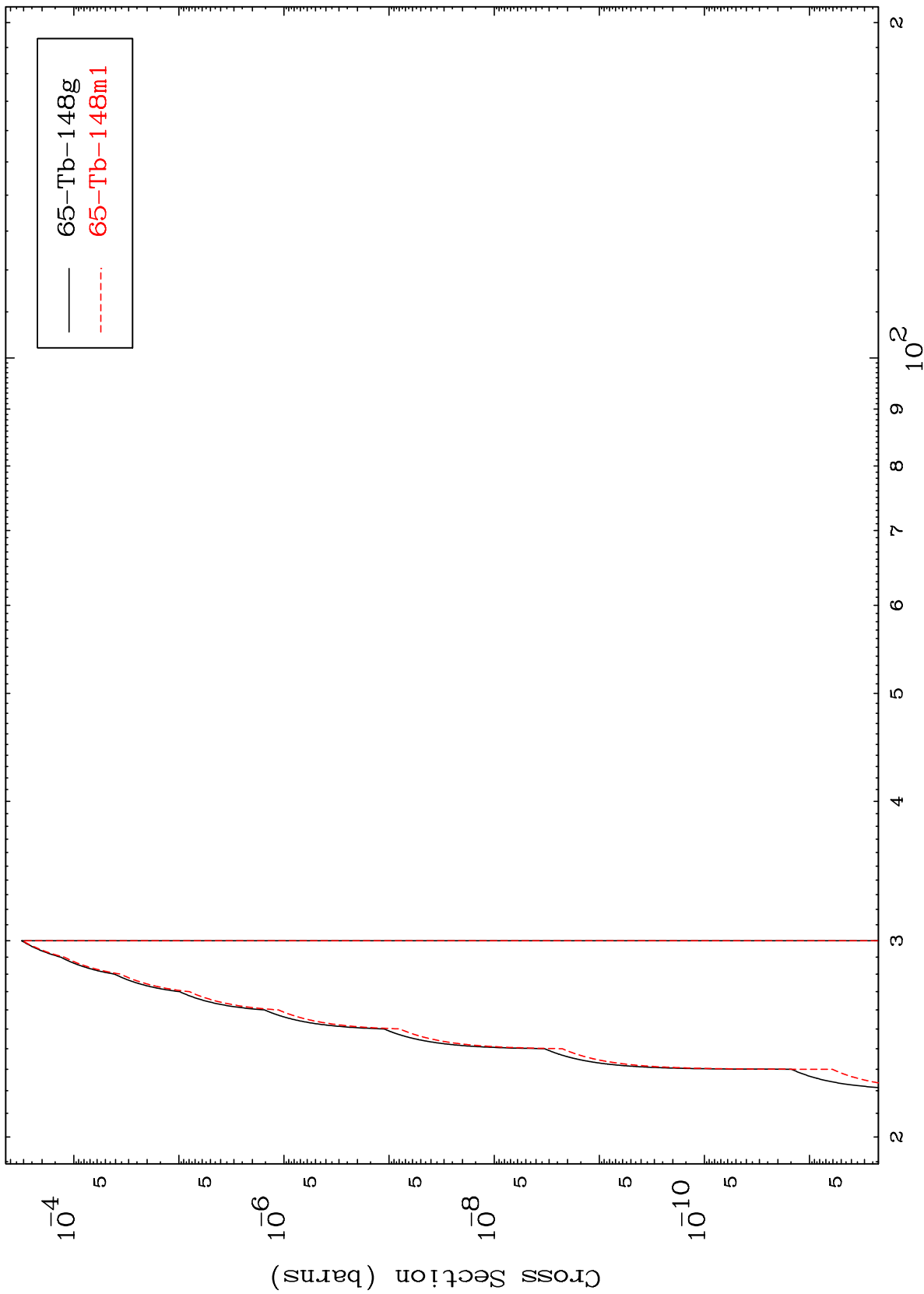


MAT 6610

(n,2n) d

66-Dy-151

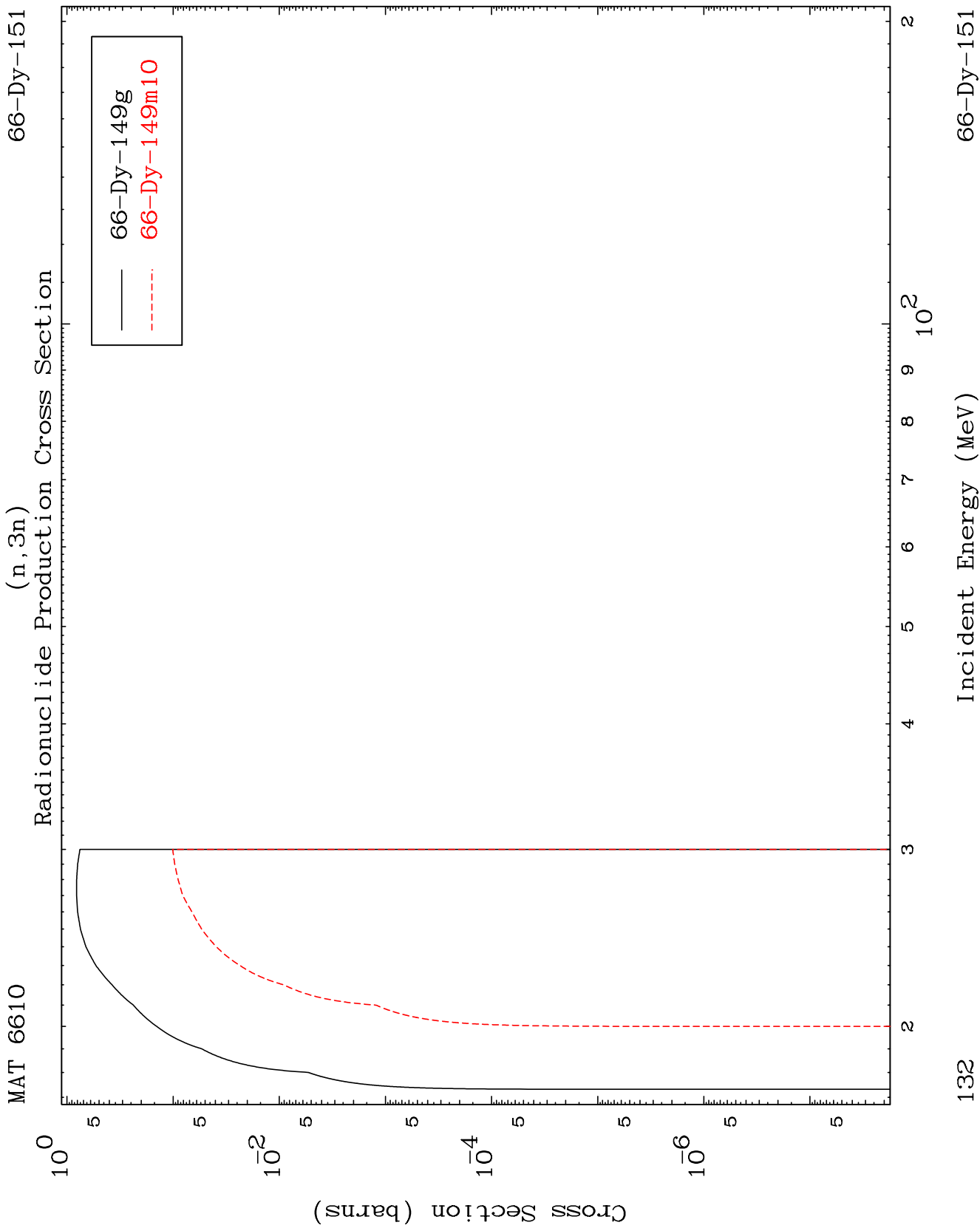
Radionuclide Production Cross Section



131

Incident Energy (MeV)

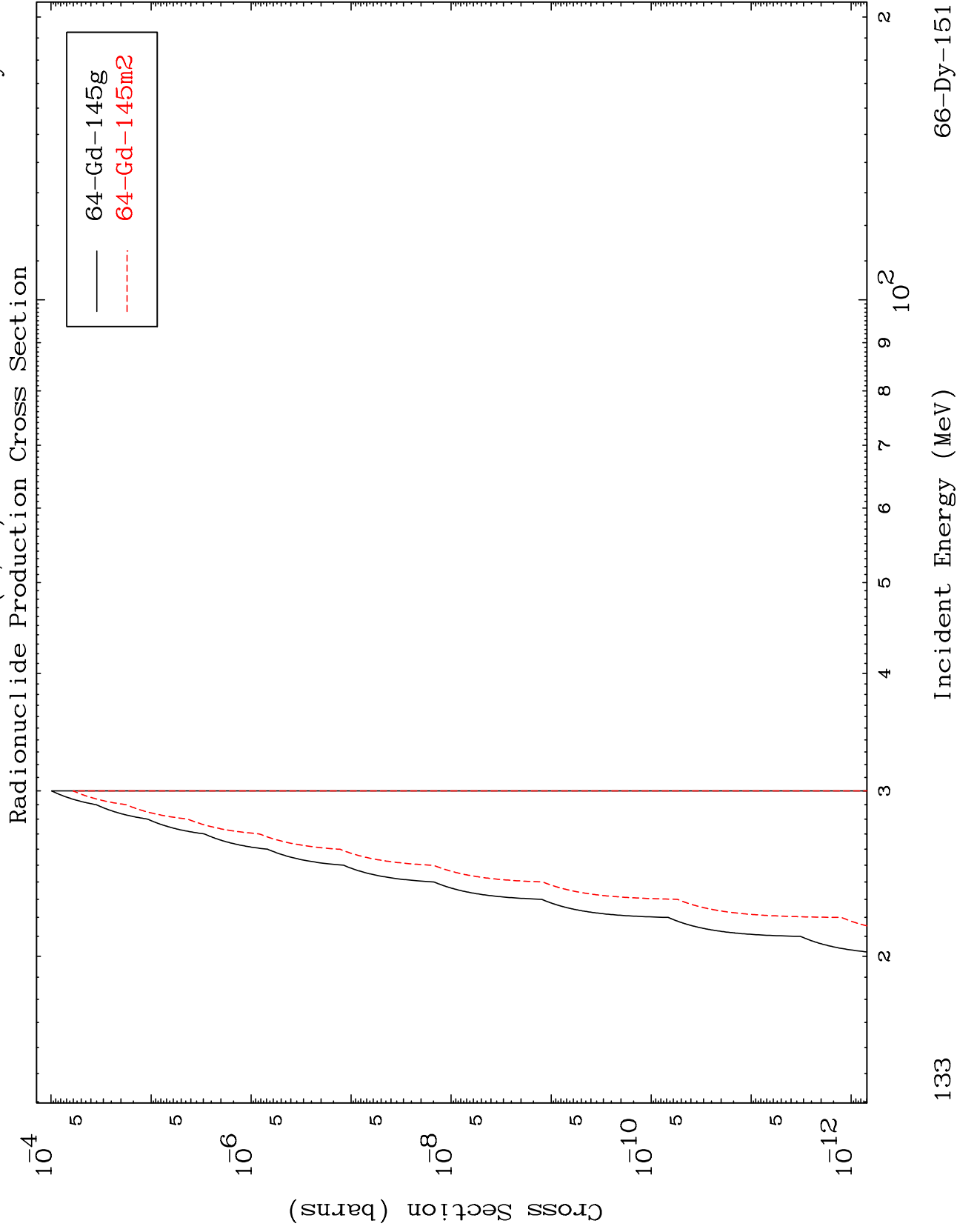
66-Dy-151



MAT 6610

(n,3n) α

66-Dy-151



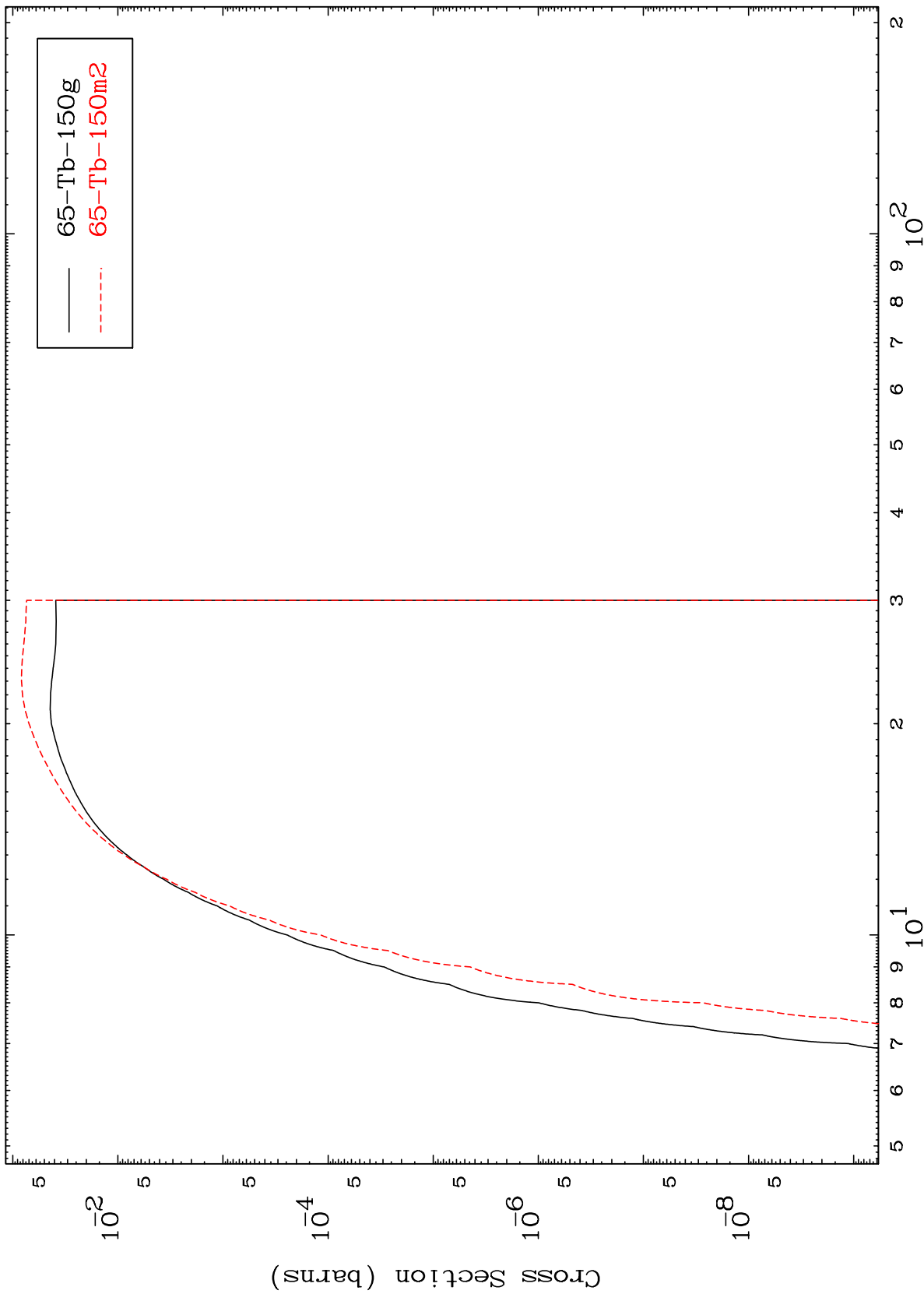
133

66-Dy-151

MAT 6610

66-Dy-151

(n, n') p
Radionuclide Production Cross Section



134

Incident Energy (MeV)

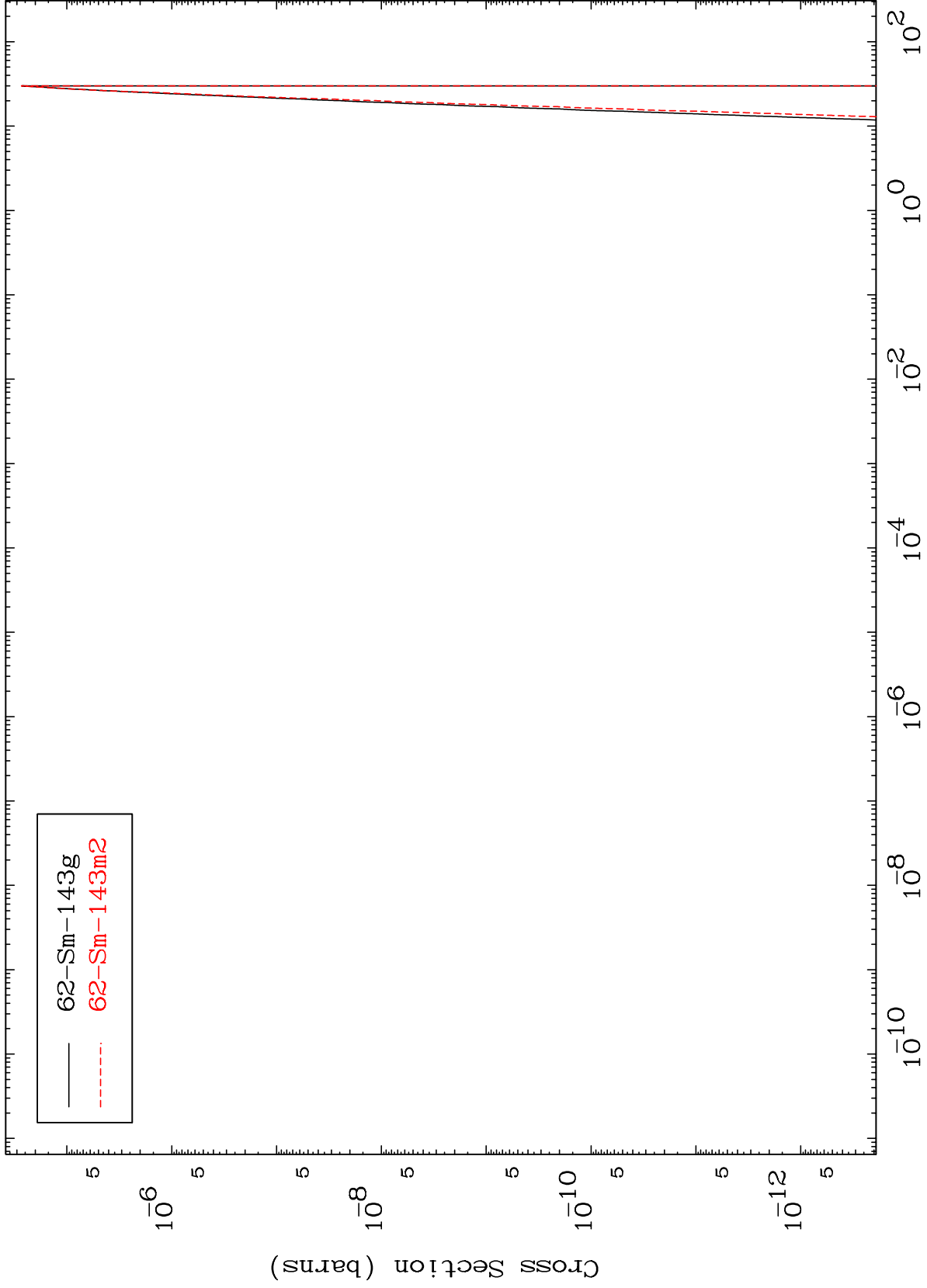
66-Dy-151

MAT 6610

(n,n') 2α

66-Dy-151

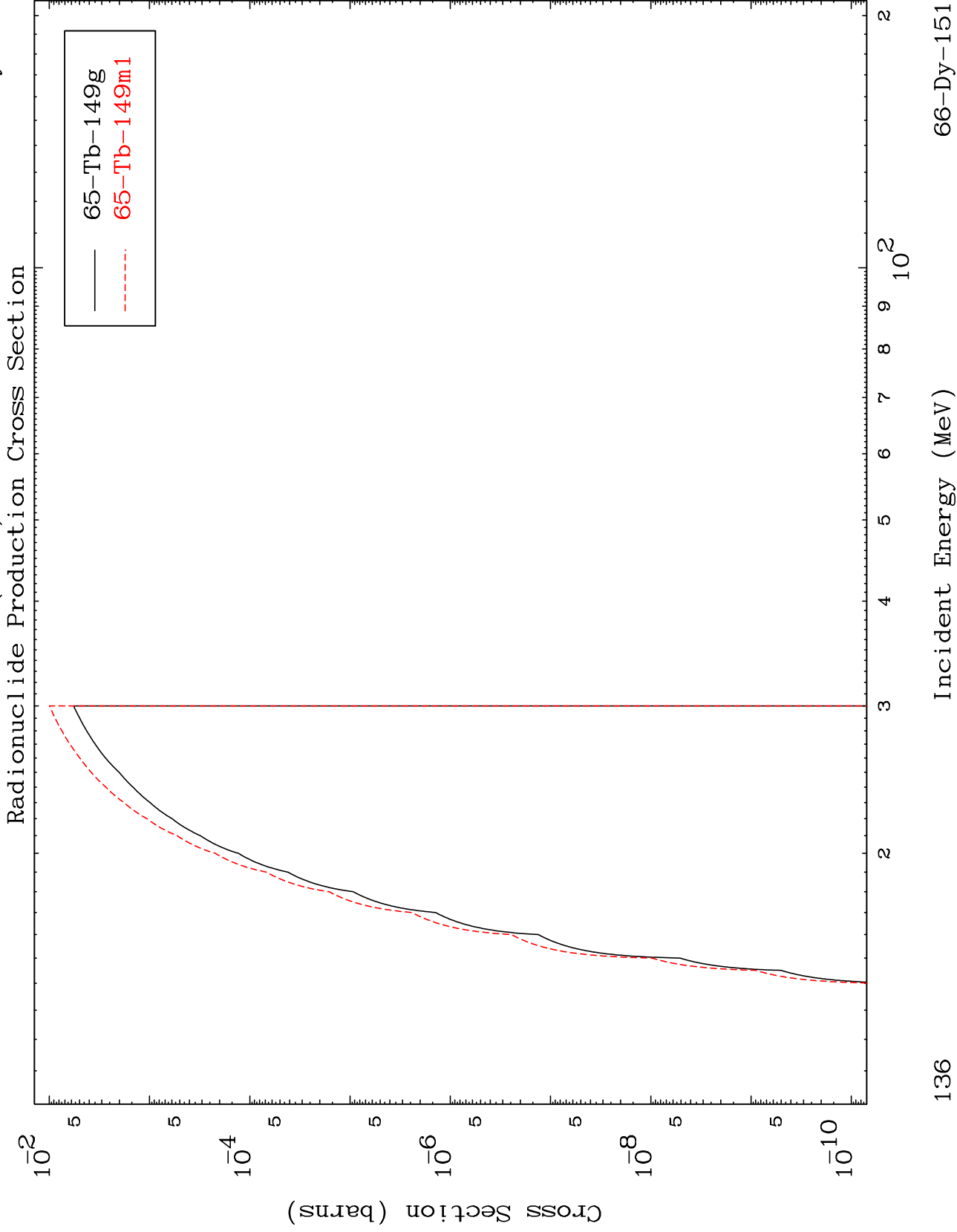
Radionuclide Production Cross Section



135

Incident Energy (MeV)

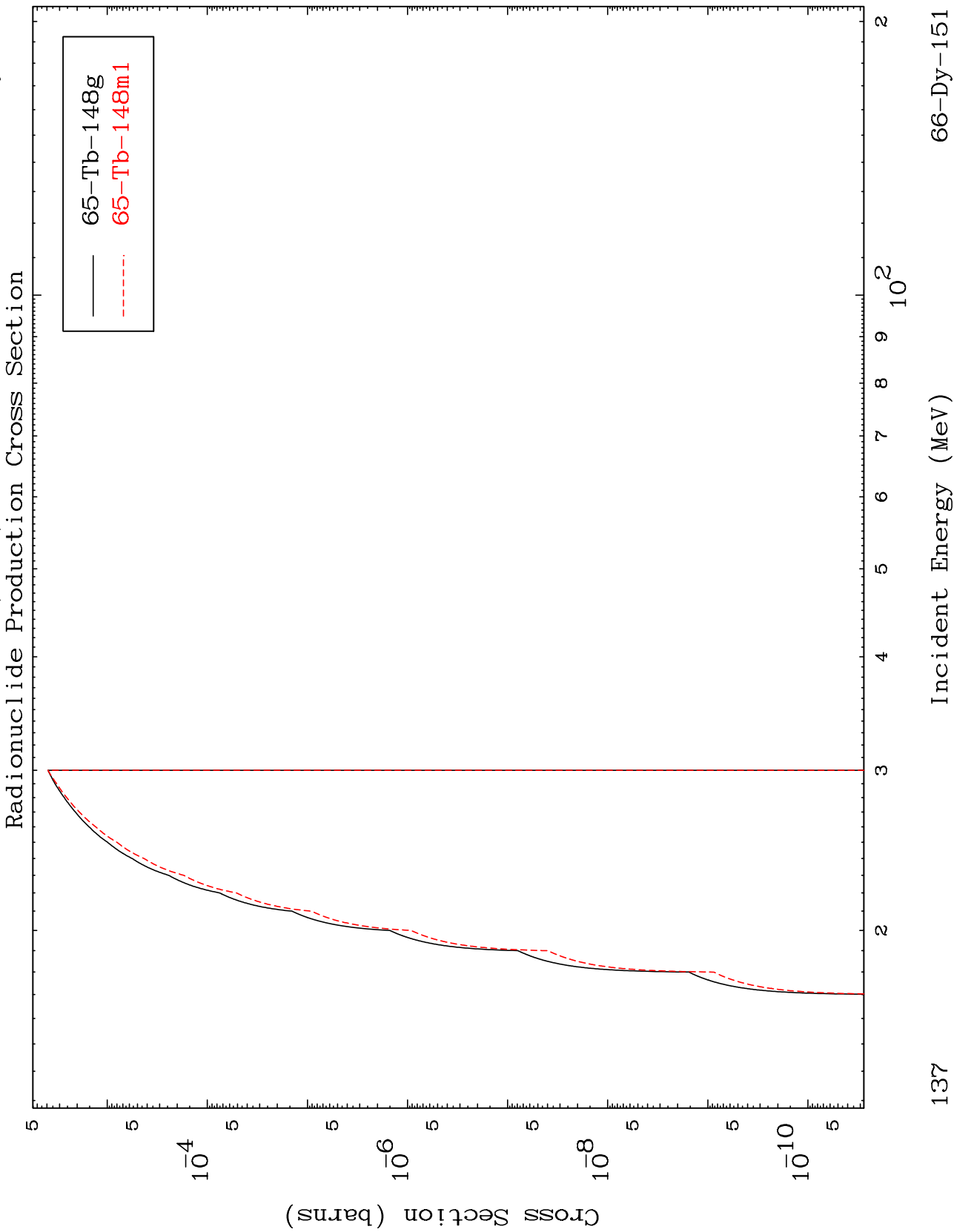
66-Dy-151



MAT 6610

(n,n') t

66-Dy-151

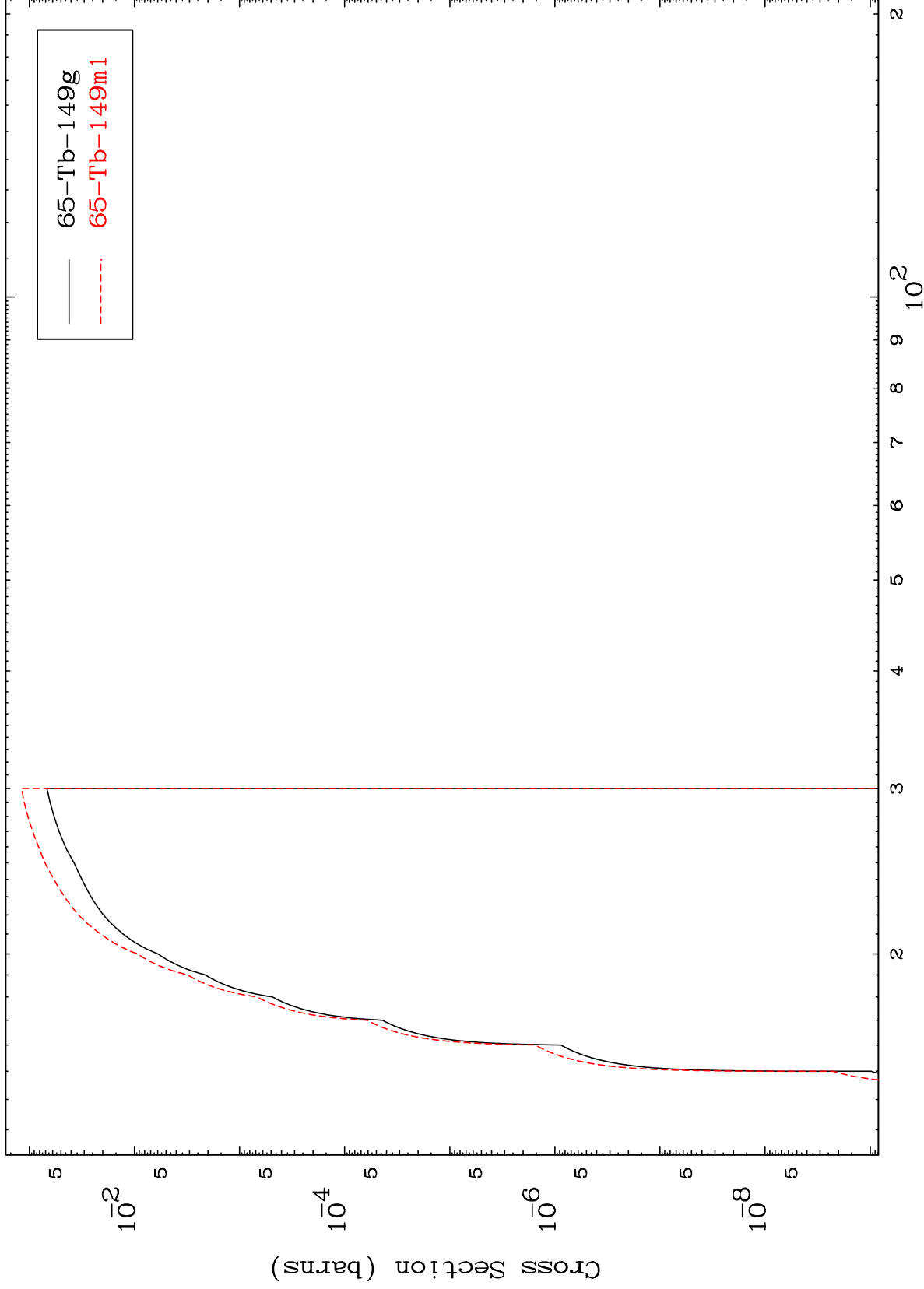


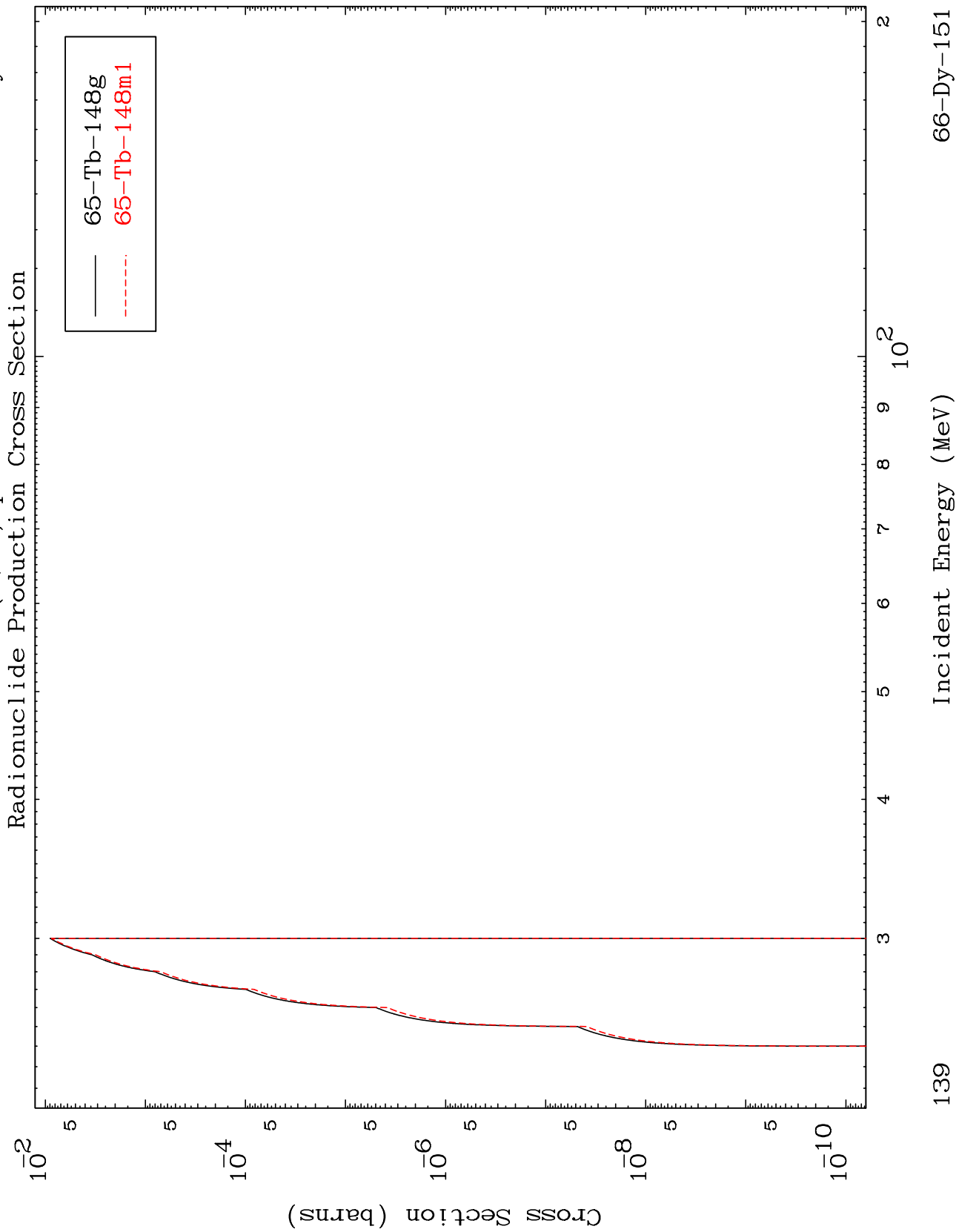
137

Incident Energy (MeV)

66-Dy-151

Radionuclide Production Cross Section

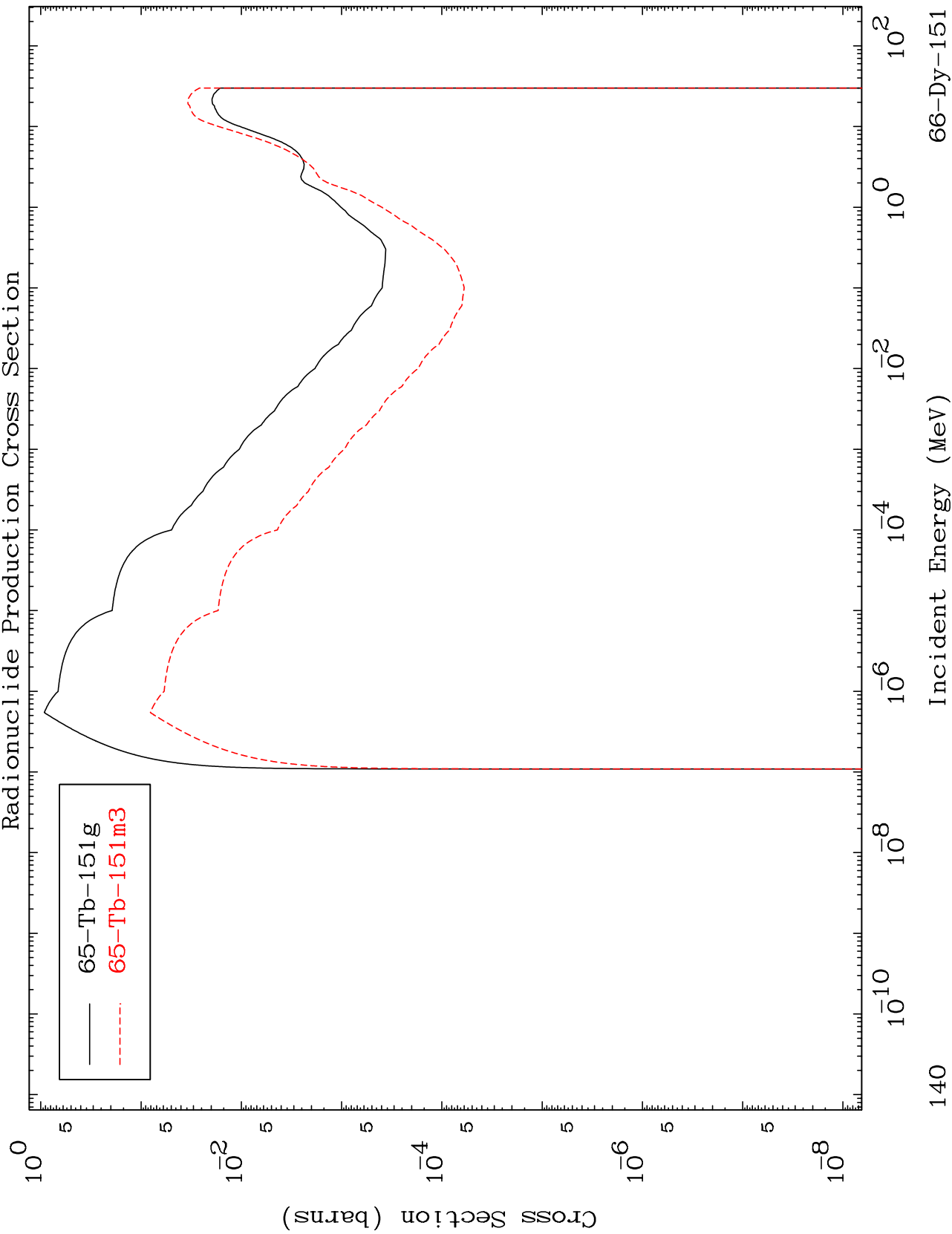




MAT 6610

66-Dy-151

Radionuclide Production Cross Section (n,p)

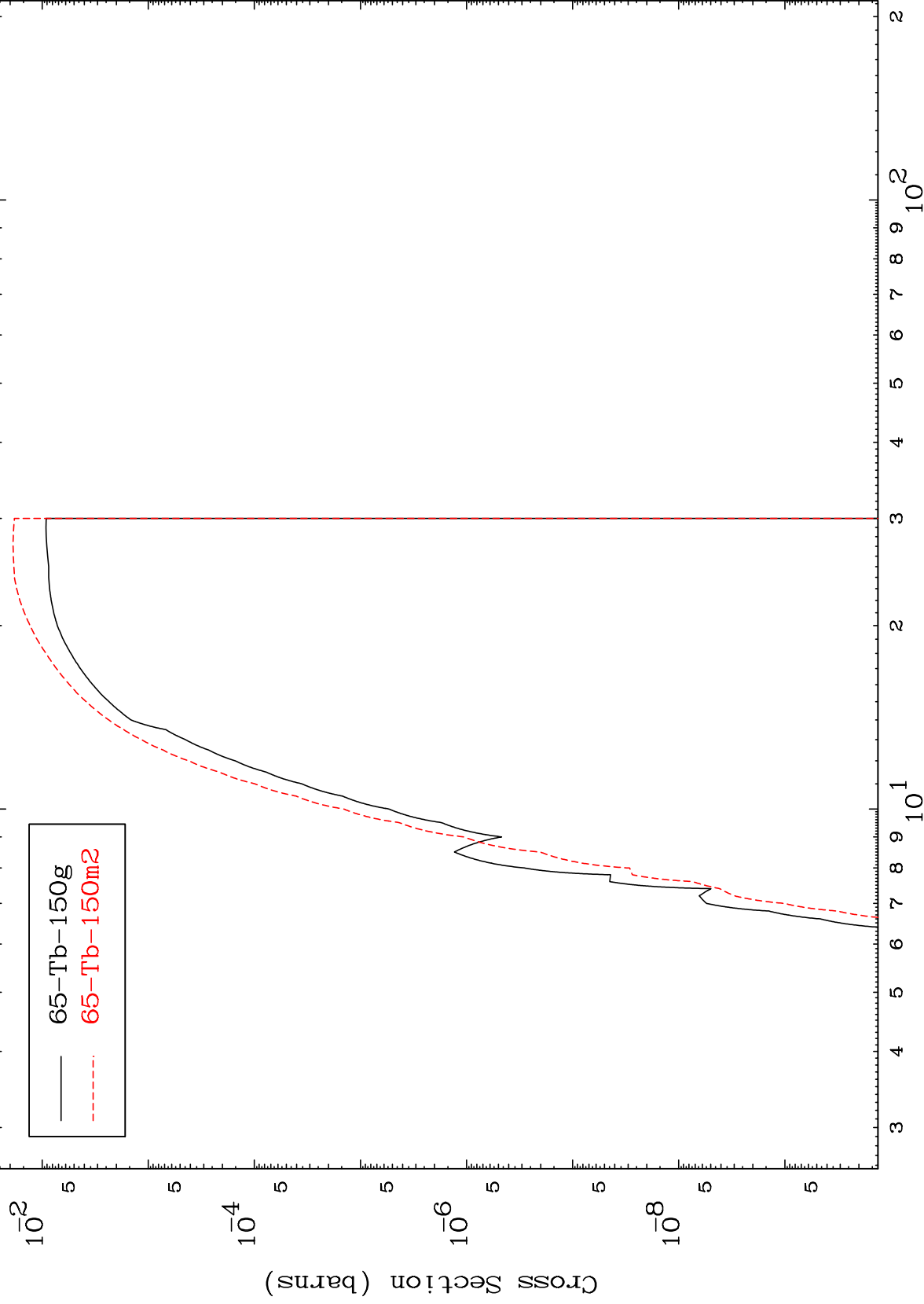


140

MAT 6610

66-Dy-151

(n,d)
Radionuclide Production Cross Section



141

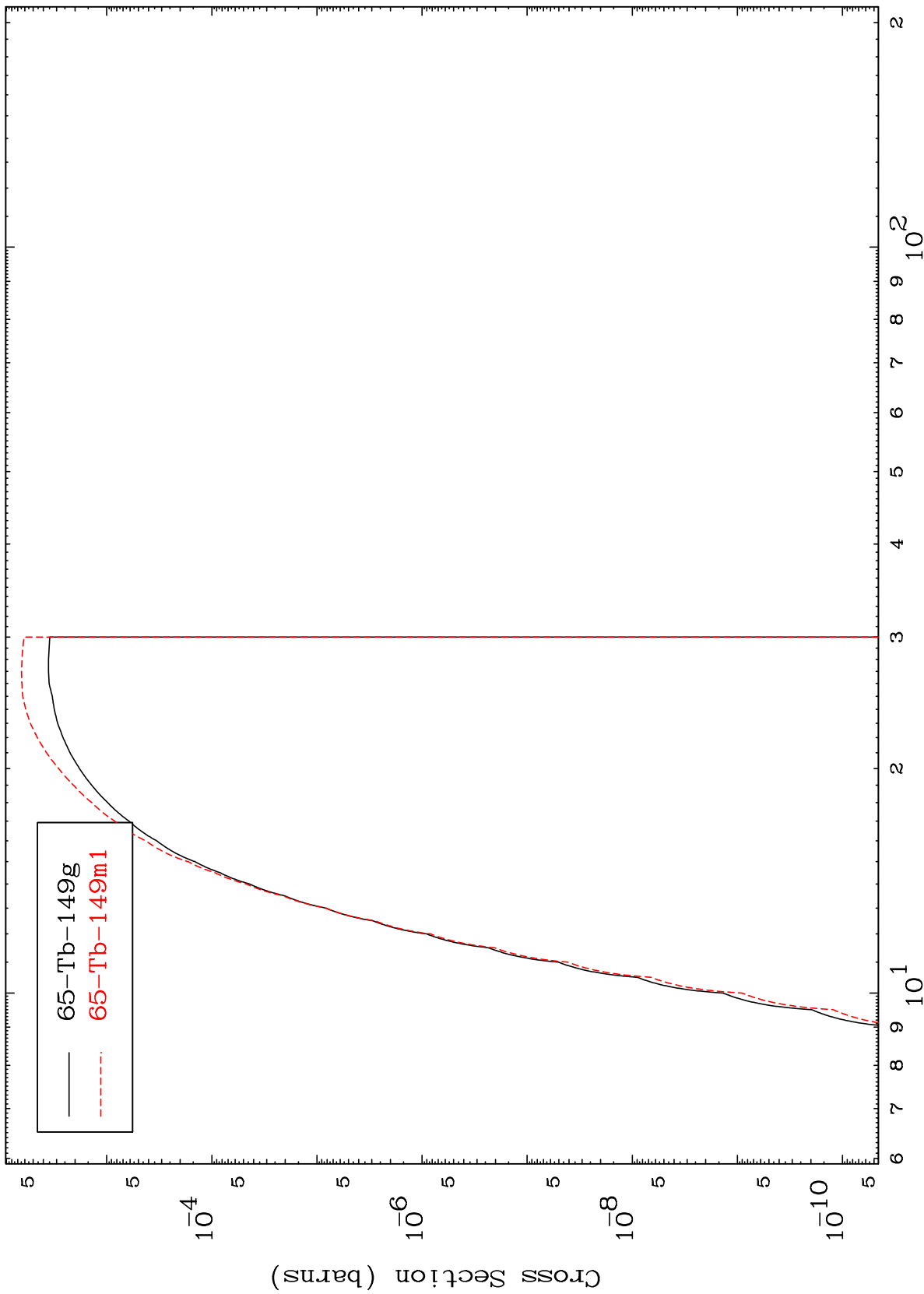
Incident Energy (MeV)

66-Dy-151

MAT 6610

66-Dy-151

(n, t)
Radionuclide Production Cross Section



142

Incident Energy (MeV)

66-Dy-151