

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

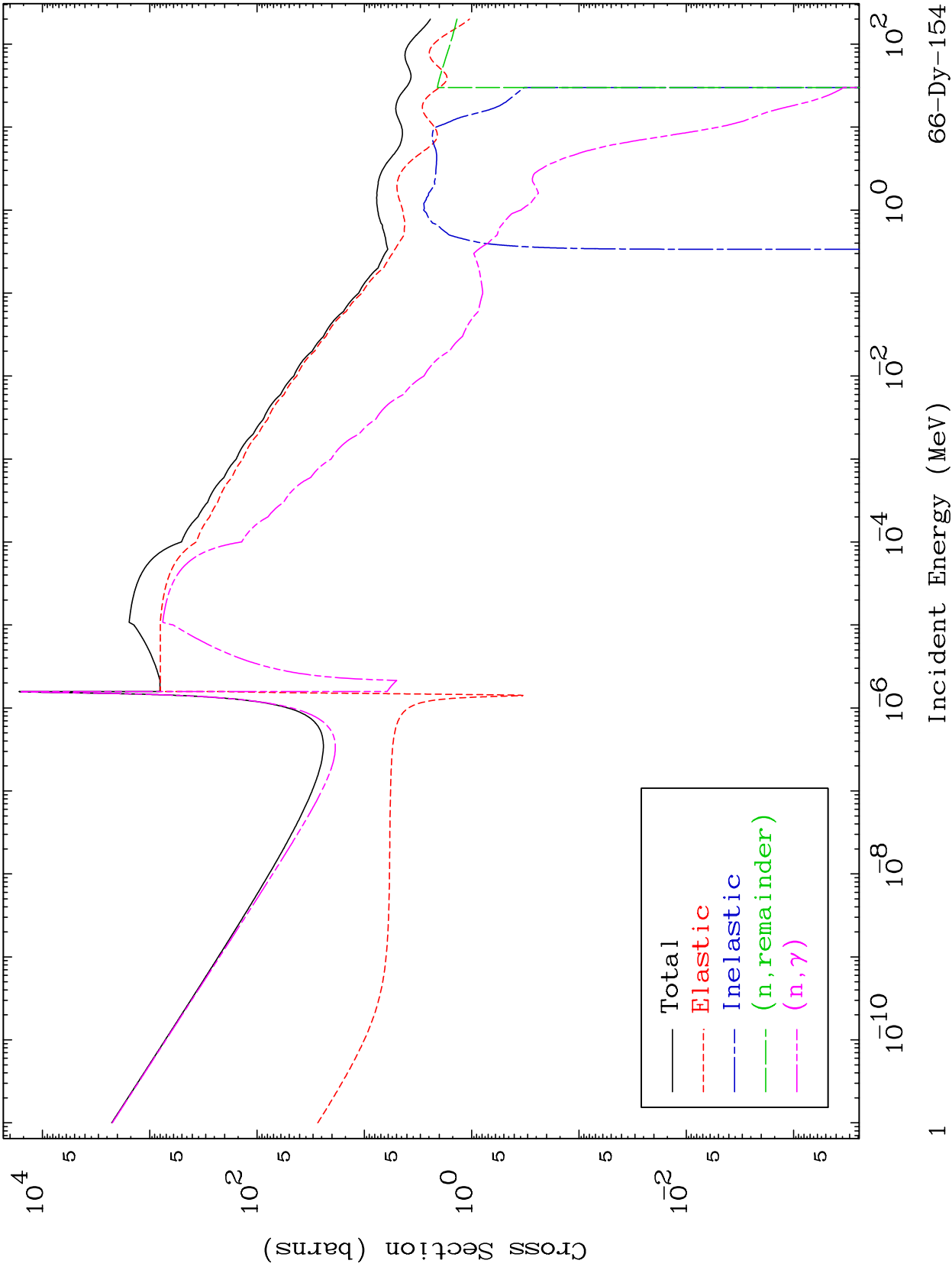
Press Mouse Button to Start

MAT 6619

Major

293 Kelvin Cross Sections

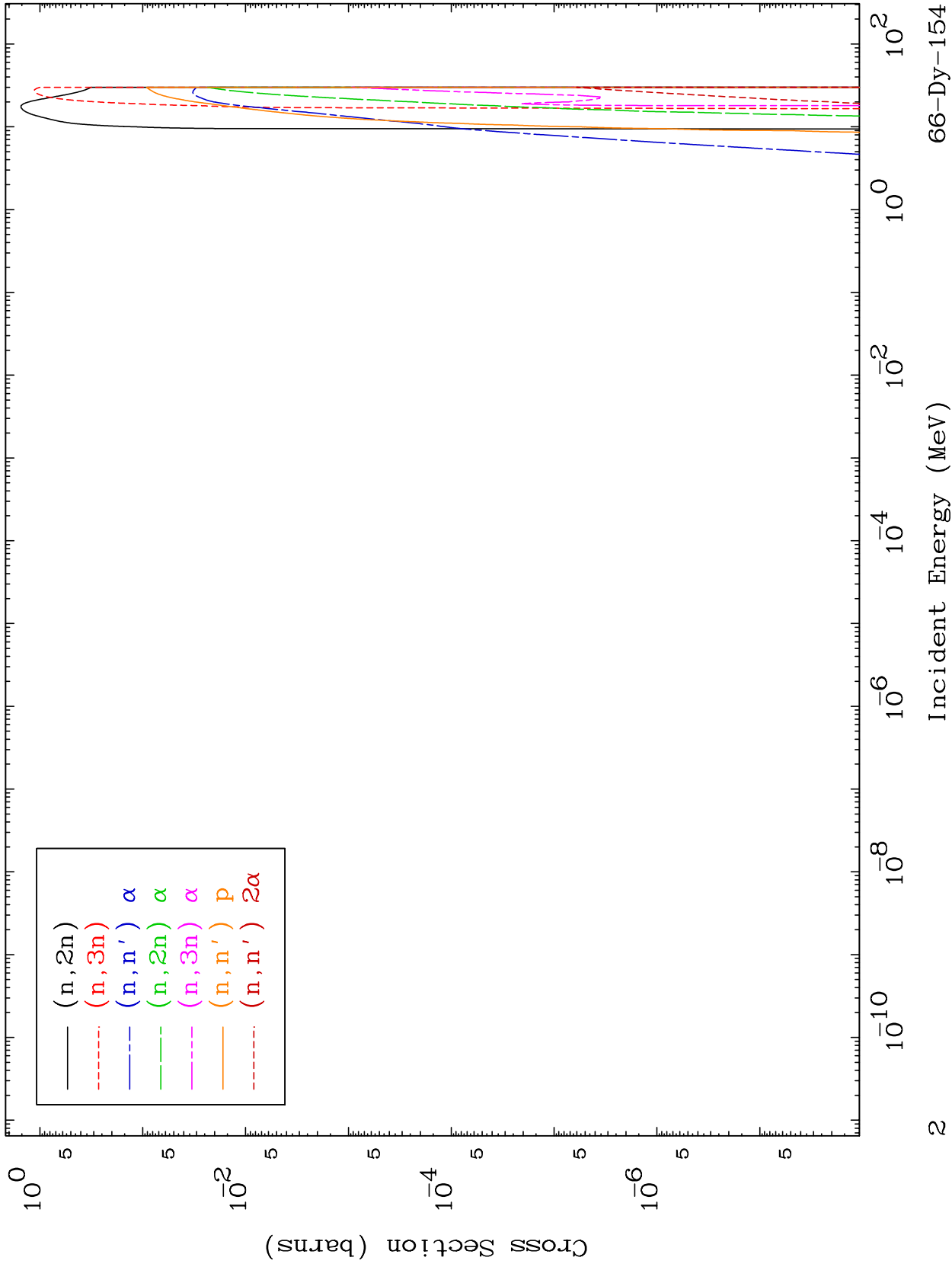
66-Dy-154

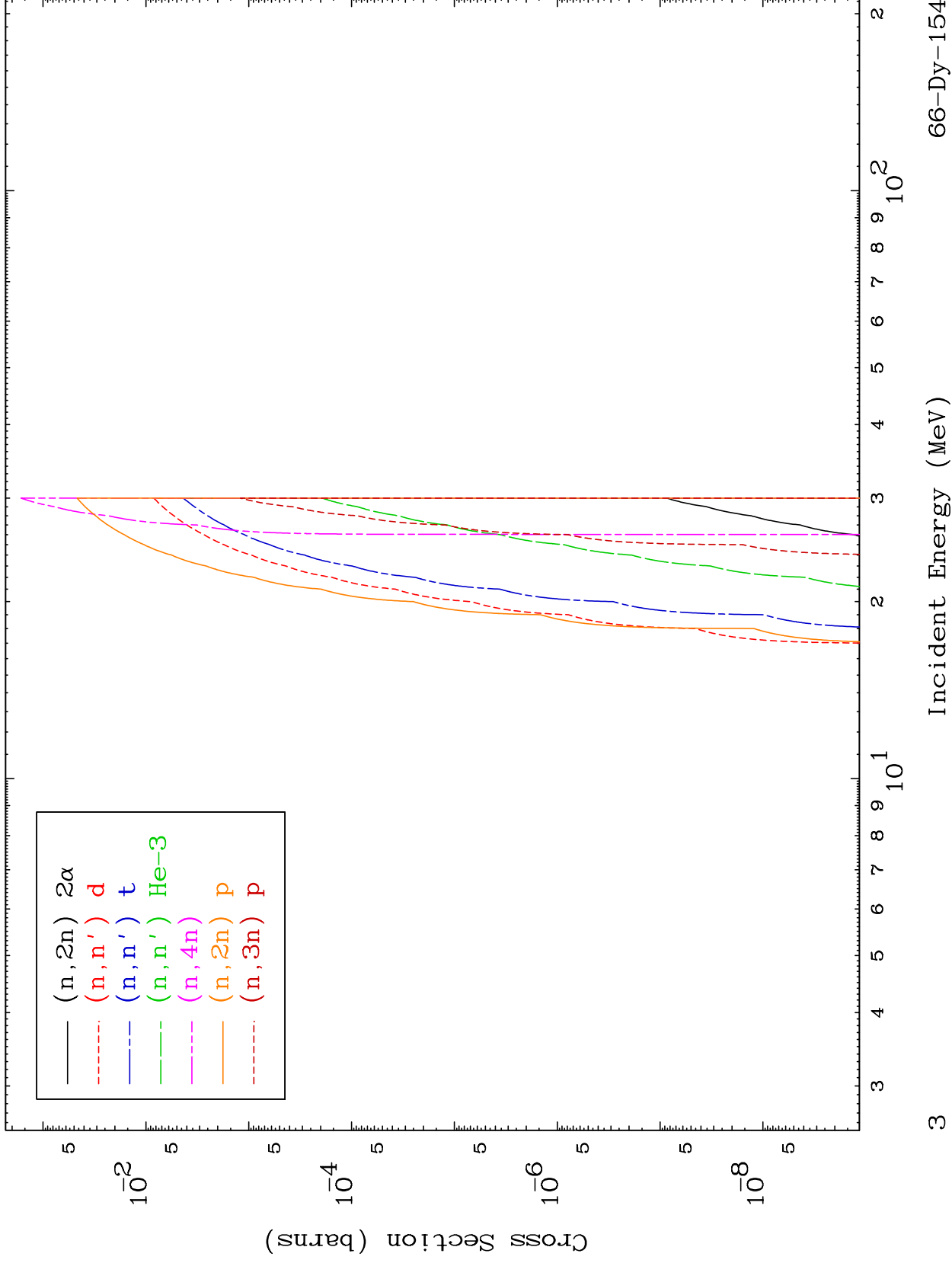


MAT 6619

Neutron Production
293 Kelvin Cross Sections

66-Dy-154

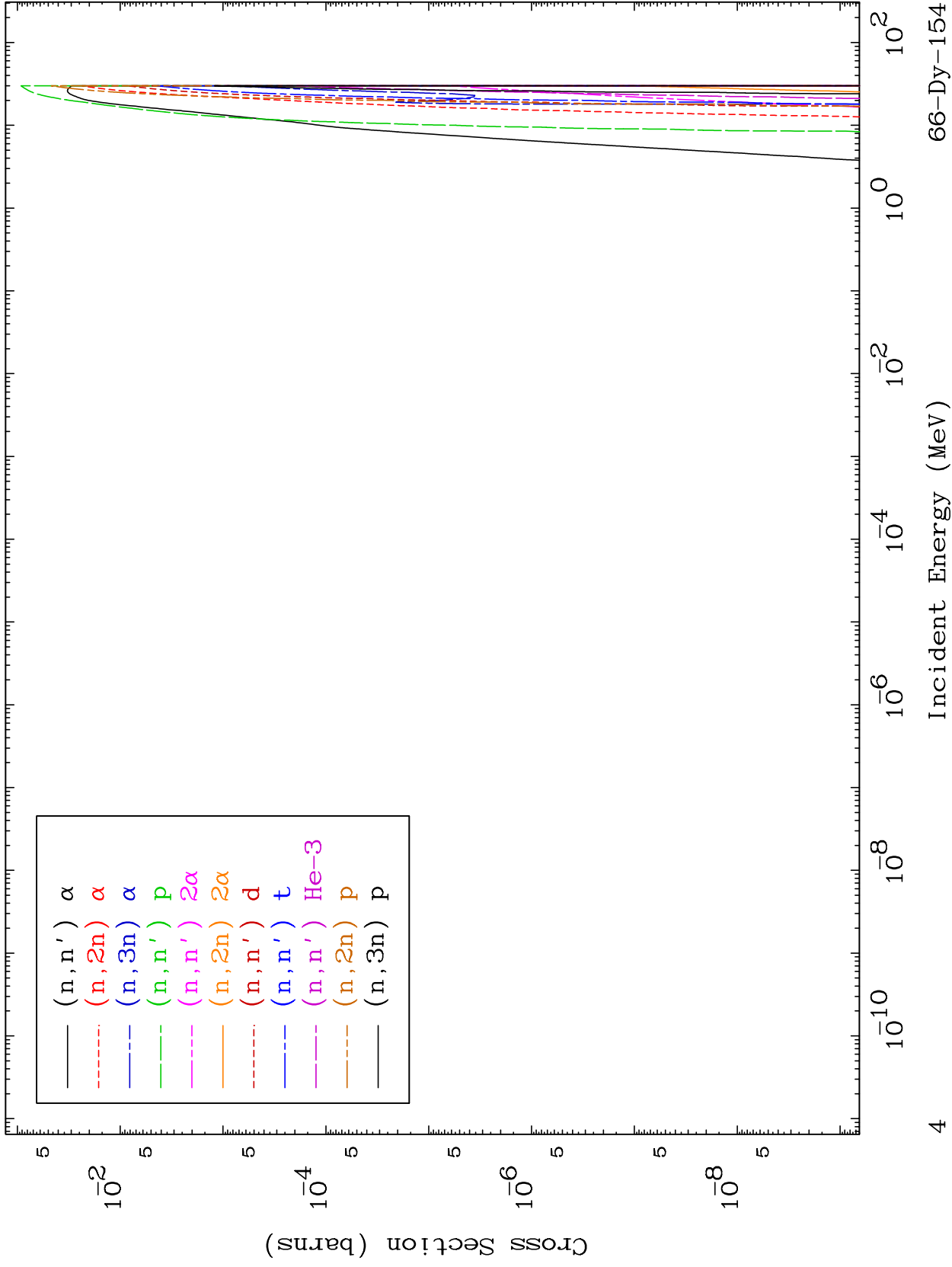




MAT 6619

Charged Particle
293 Kelvin Cross Sections

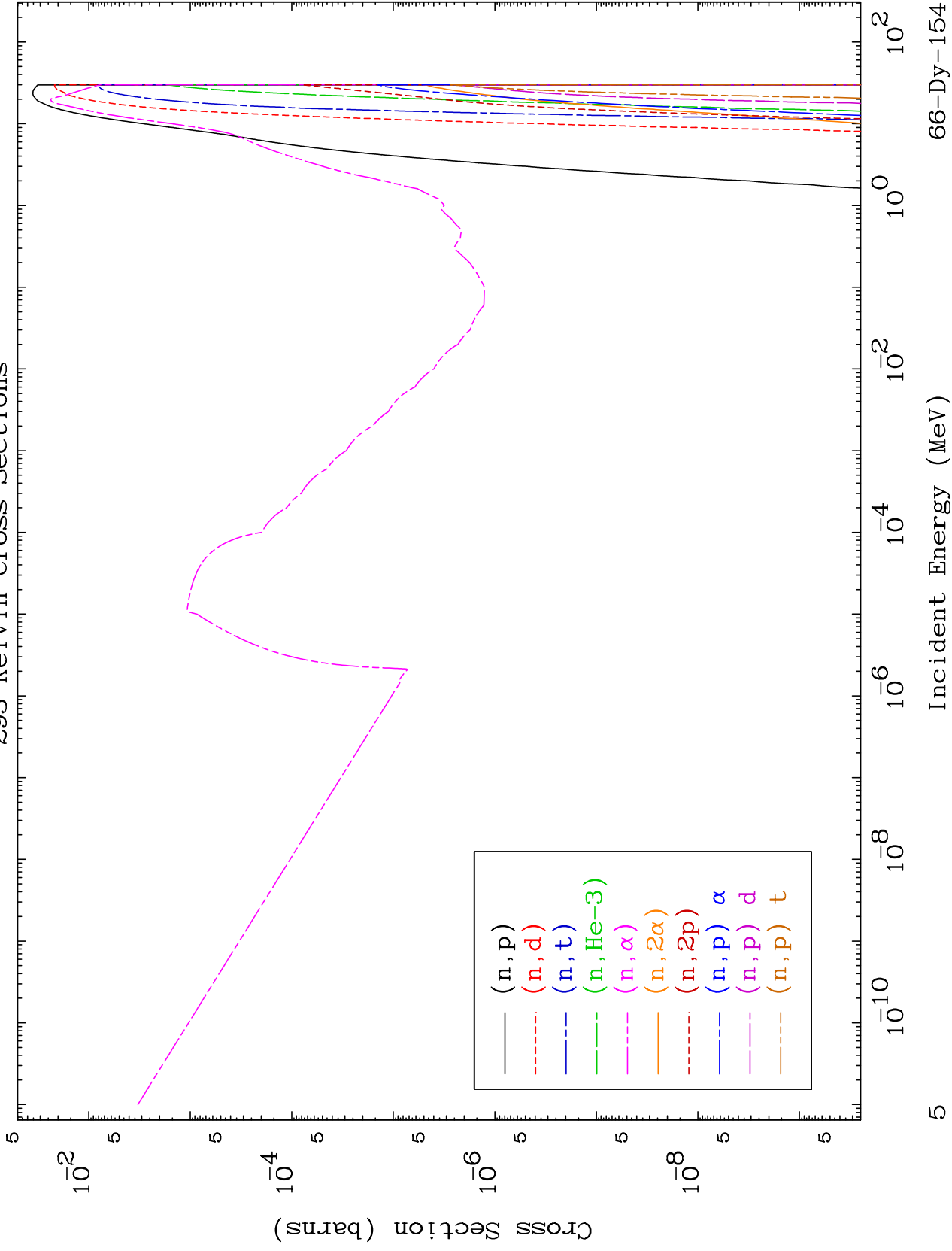
66-Dy-154



MAT 6619

Charged Particle
293 Kelvin Cross Sections

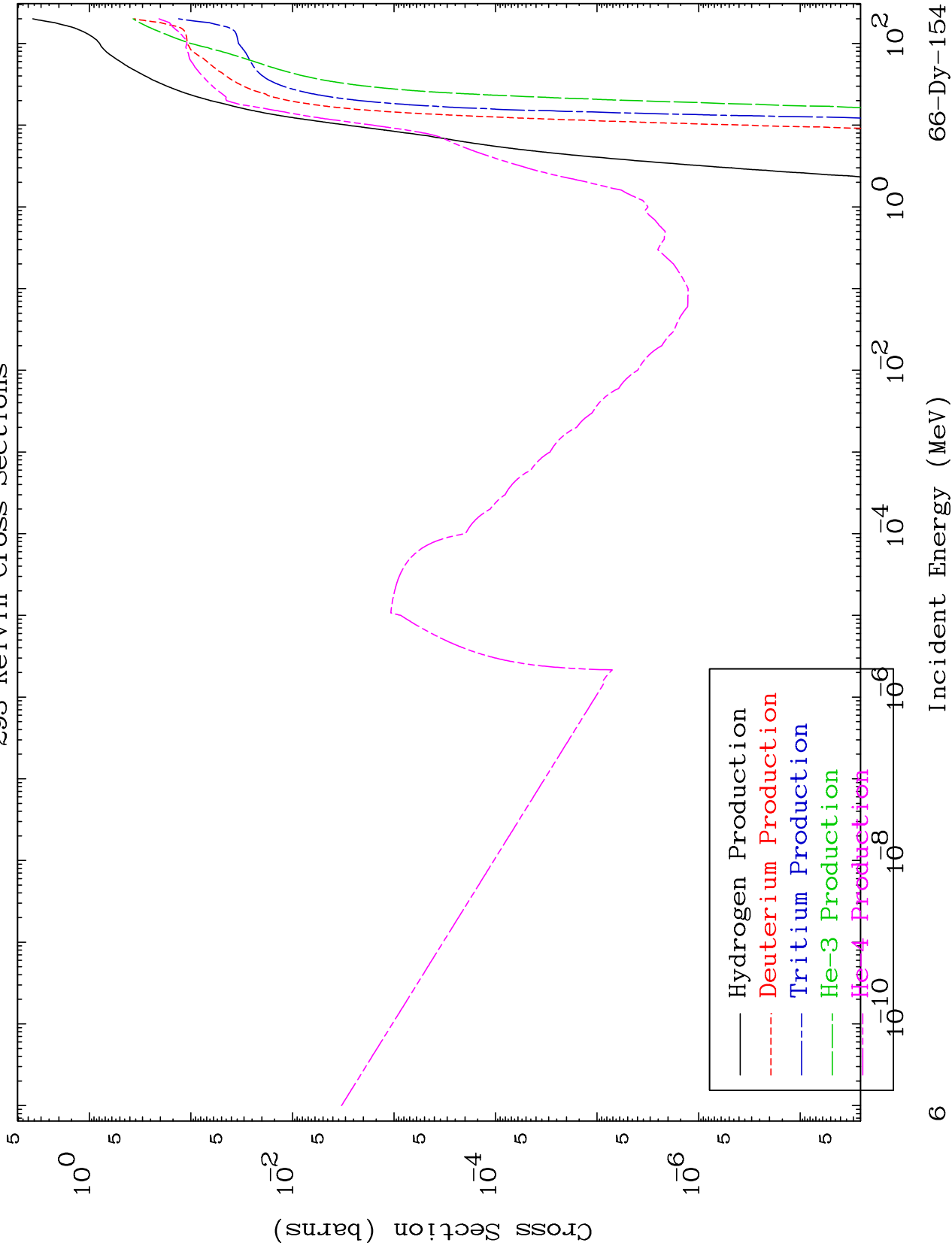
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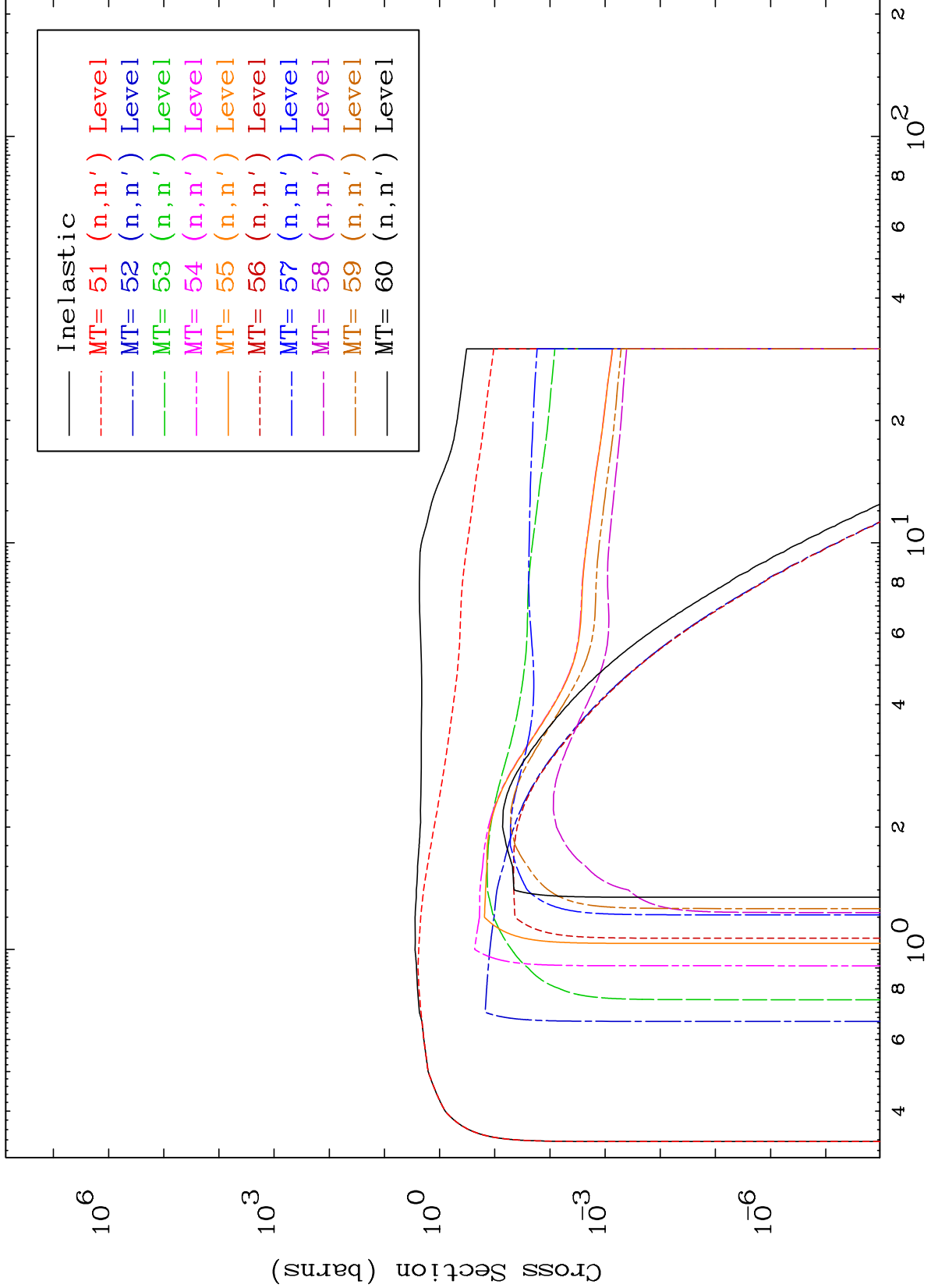
MAT 6619

Particle Production
293 Kelvin Cross Sections

66-Dy-154



293 Kelvin Cross Sections

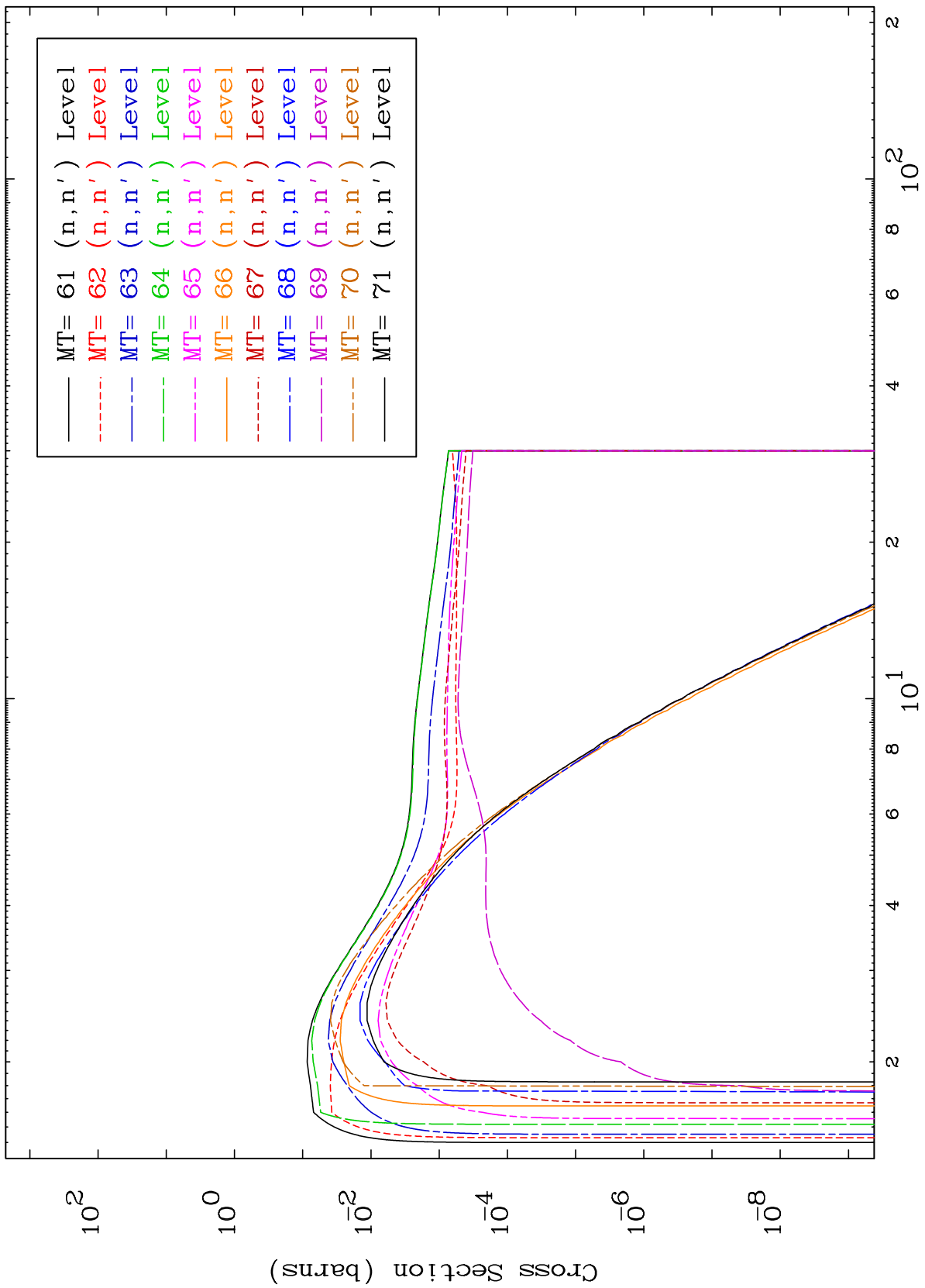


MAT 6619

(n,n') Level

66-Dy-154

293 Kelvin Cross Sections

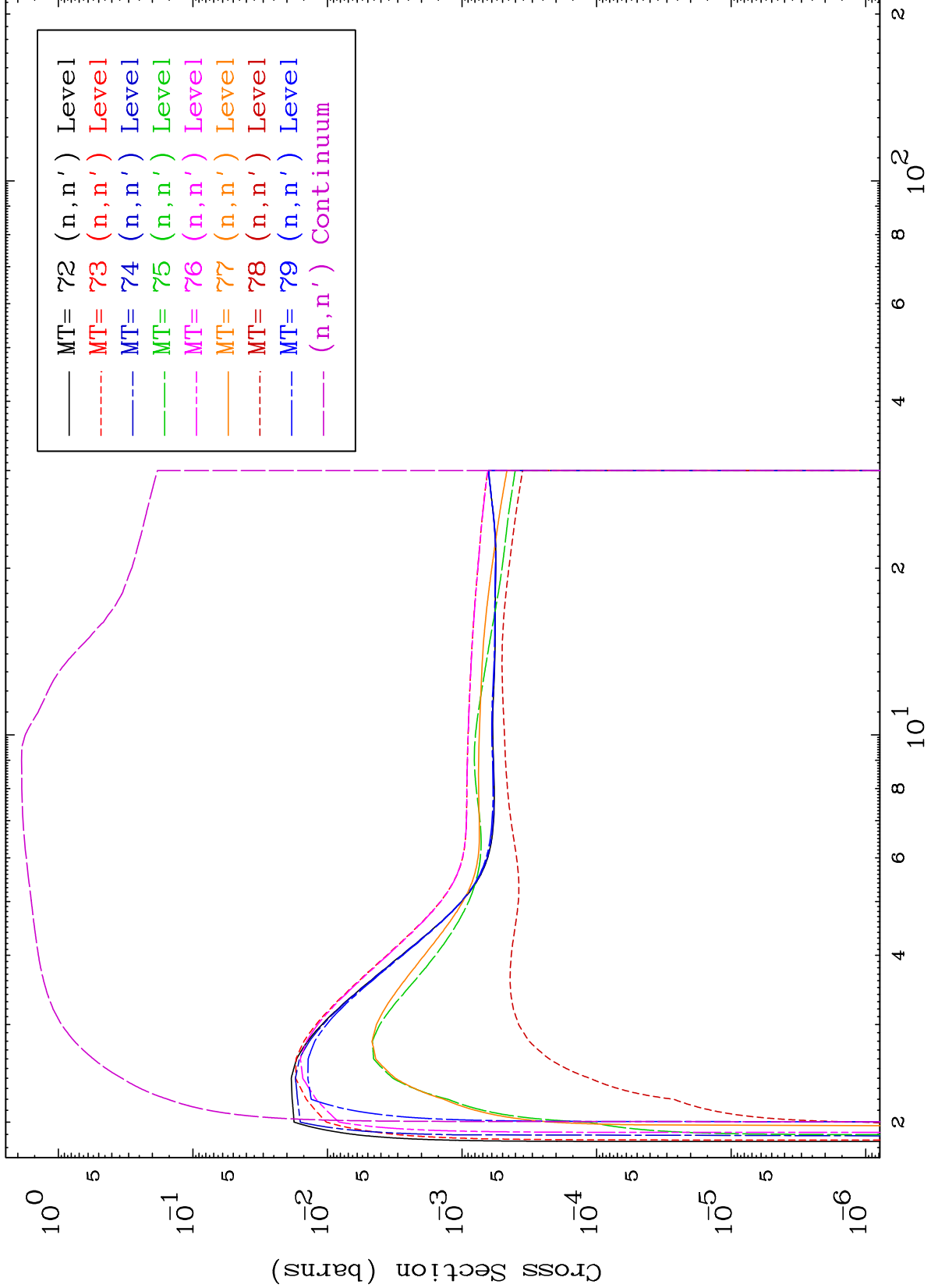


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Incident Energy (MeV)

66-Dy-154

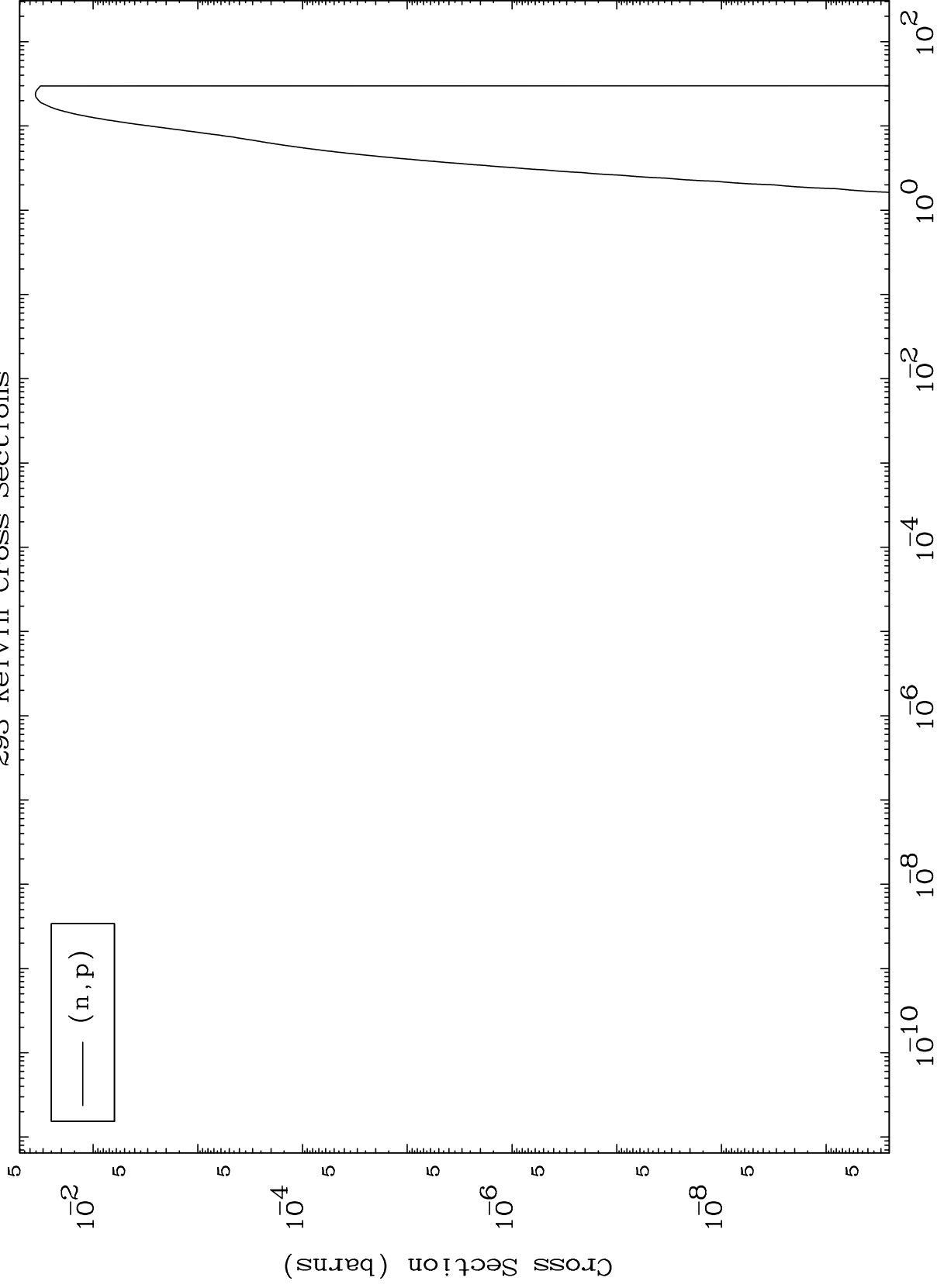
293 Kelvin Cross Sections



MAT 6619

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-154



10

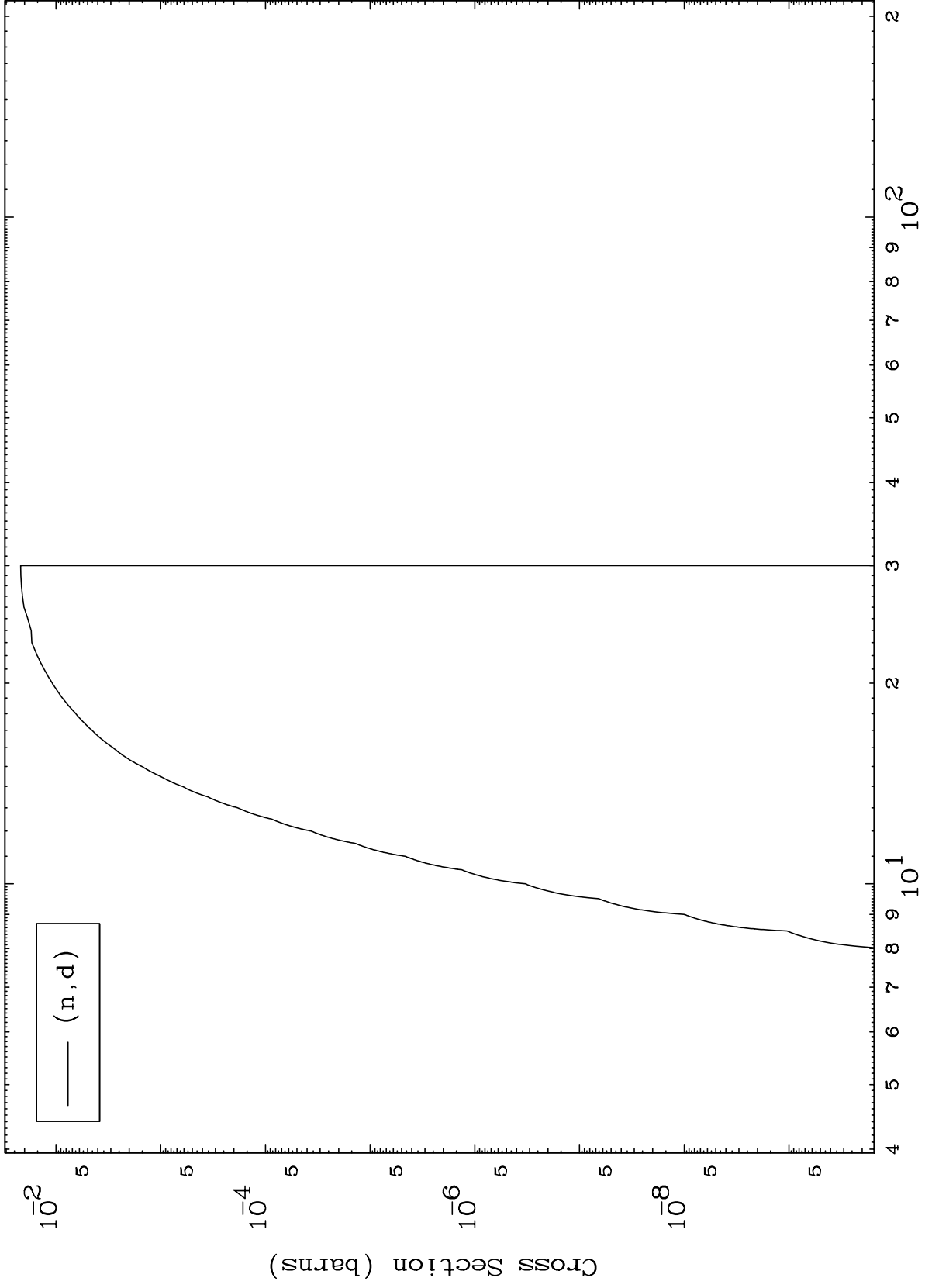
Incident Energy (MeV)

66-Dy-154

MAT 6619

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-154



11

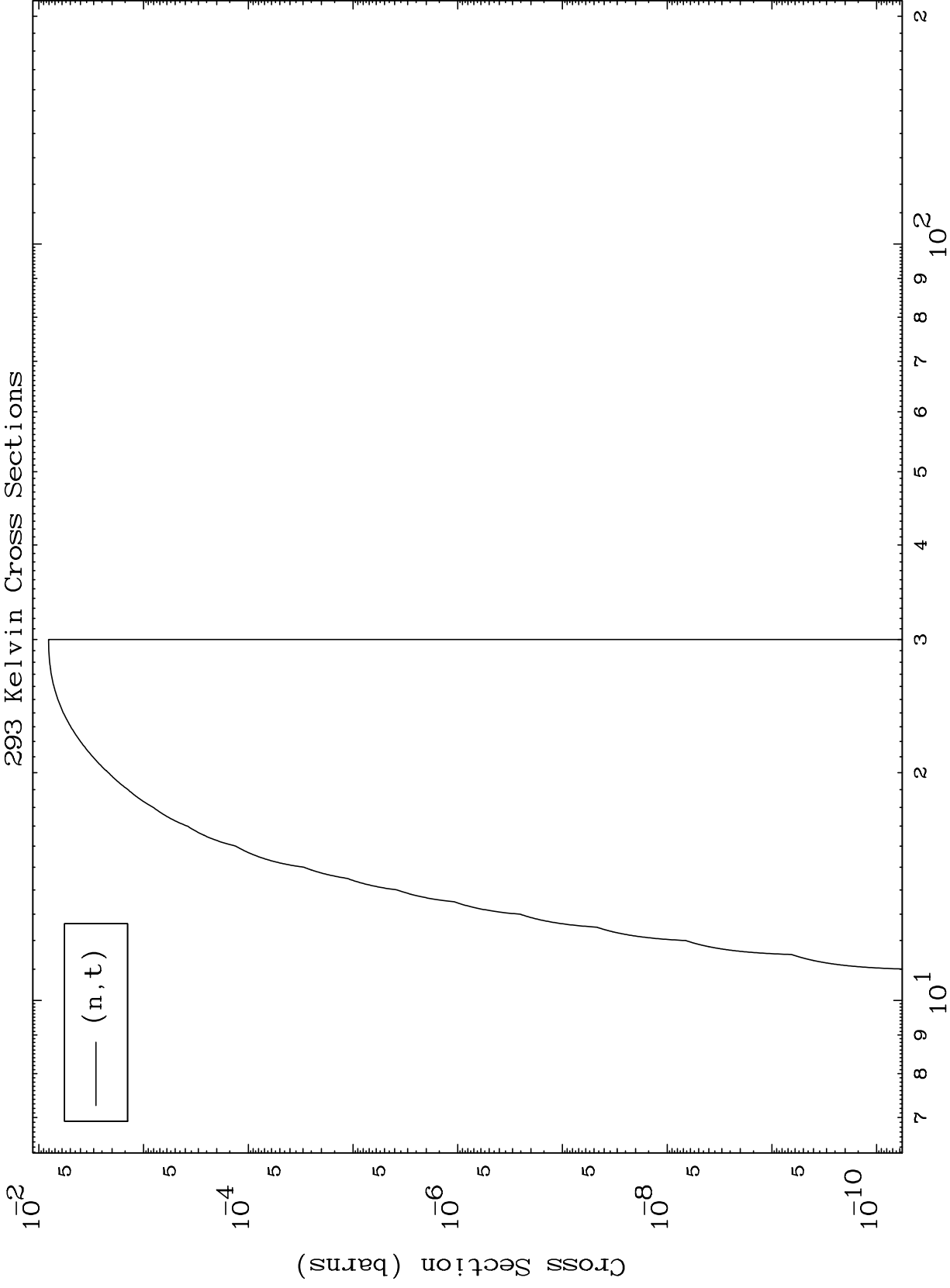
Incident Energy (MeV)

66-Dy-154

MAT 6619

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-154



12

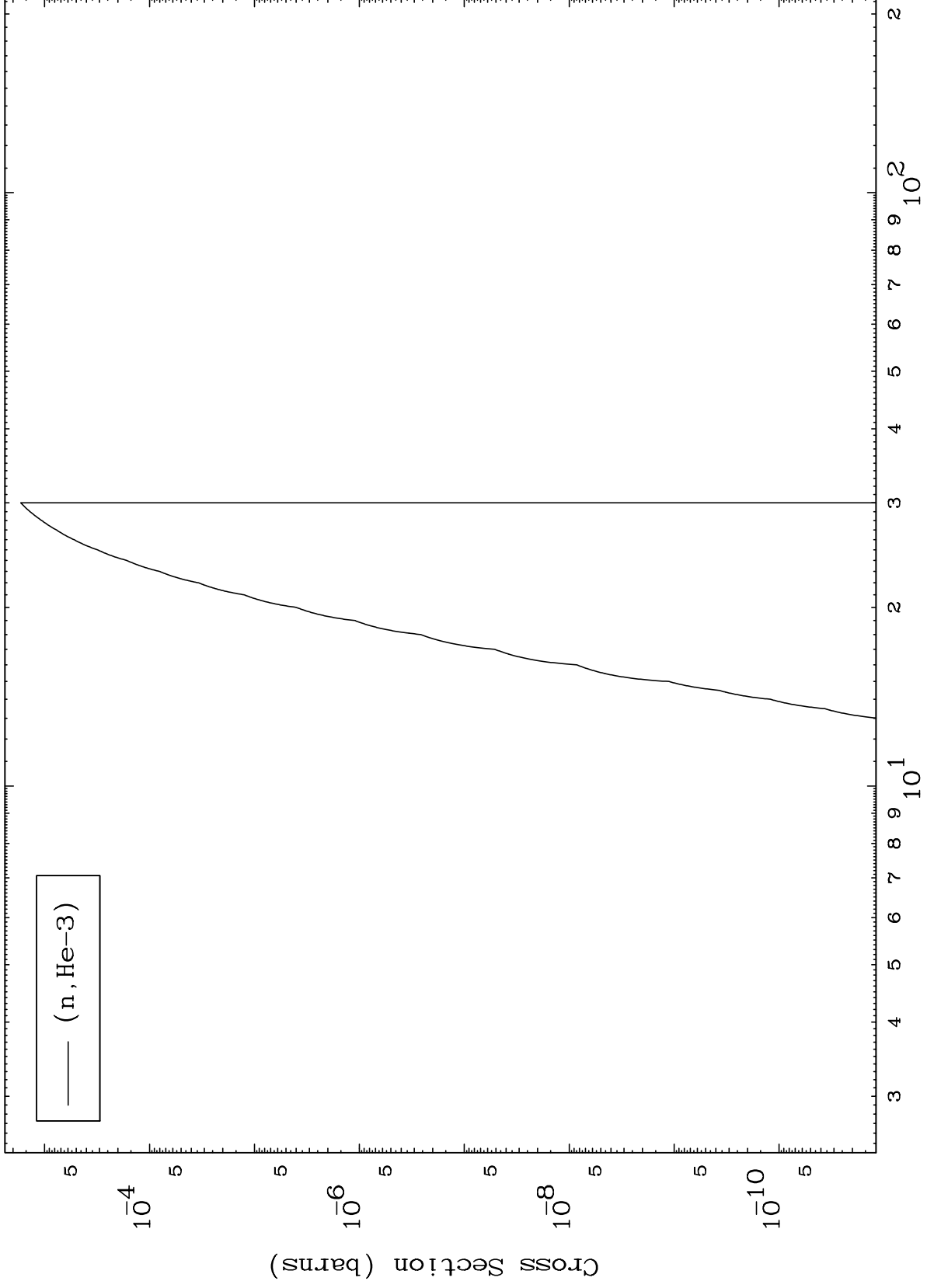
Incident Energy (MeV)

66-Dy-154

MAT 6619

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-154



13

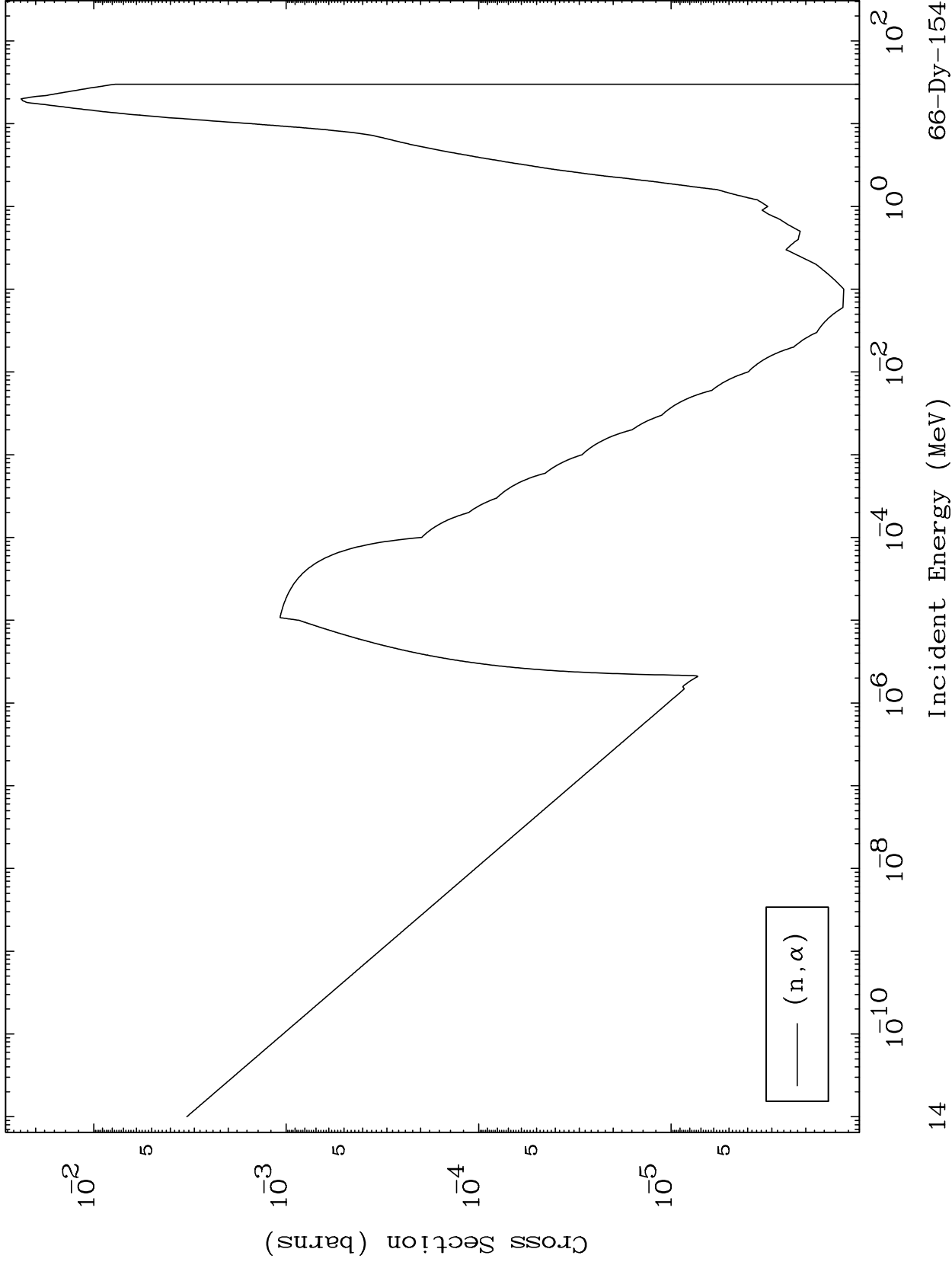
Incident Energy (MeV)

66-Dy-154

MAT 6619

(n,α) Levels
293 Kelvin Cross Sections

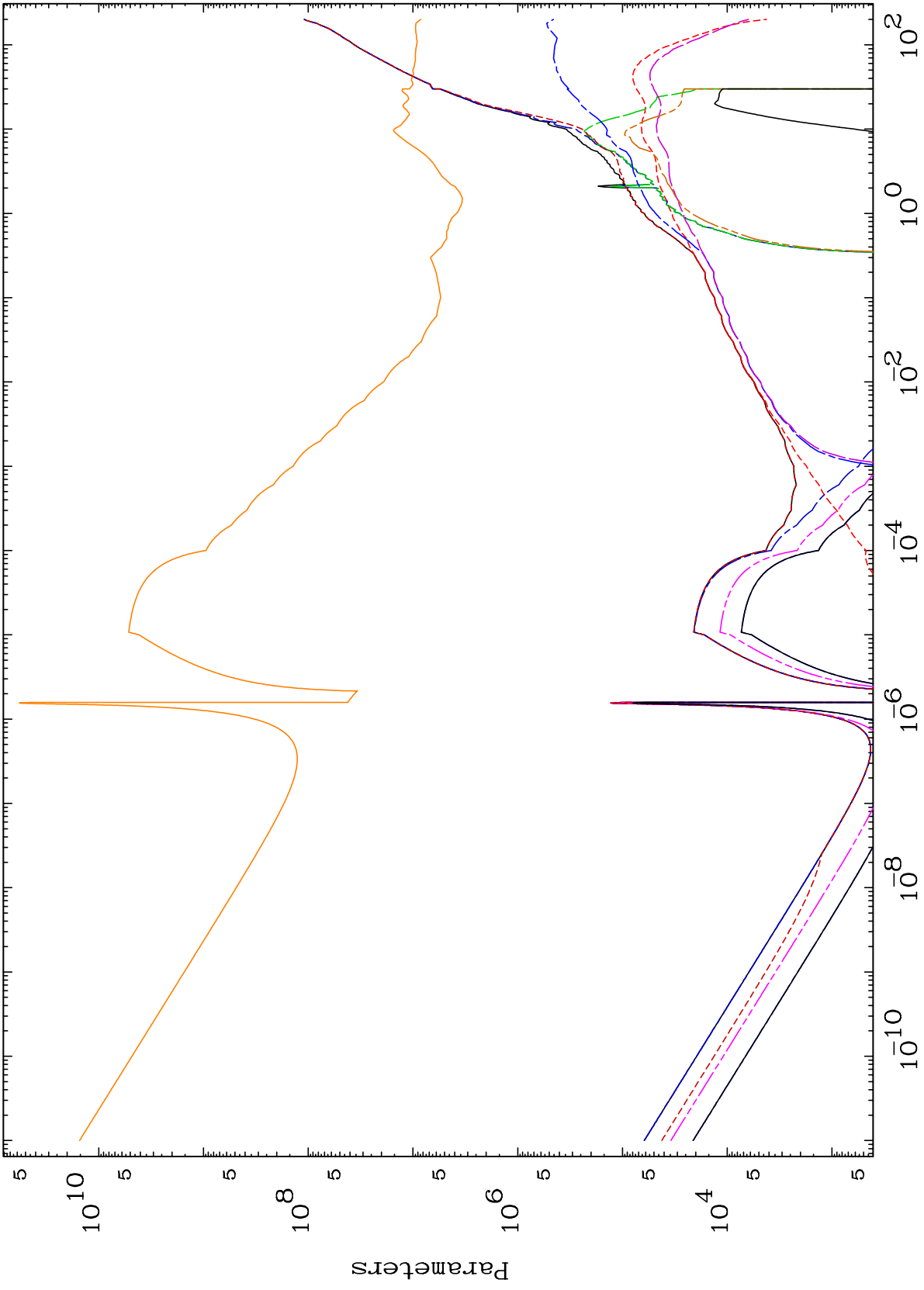
66-Dy-154



MAT 6619

Energy Release
Parameters

66-Dy-154



15

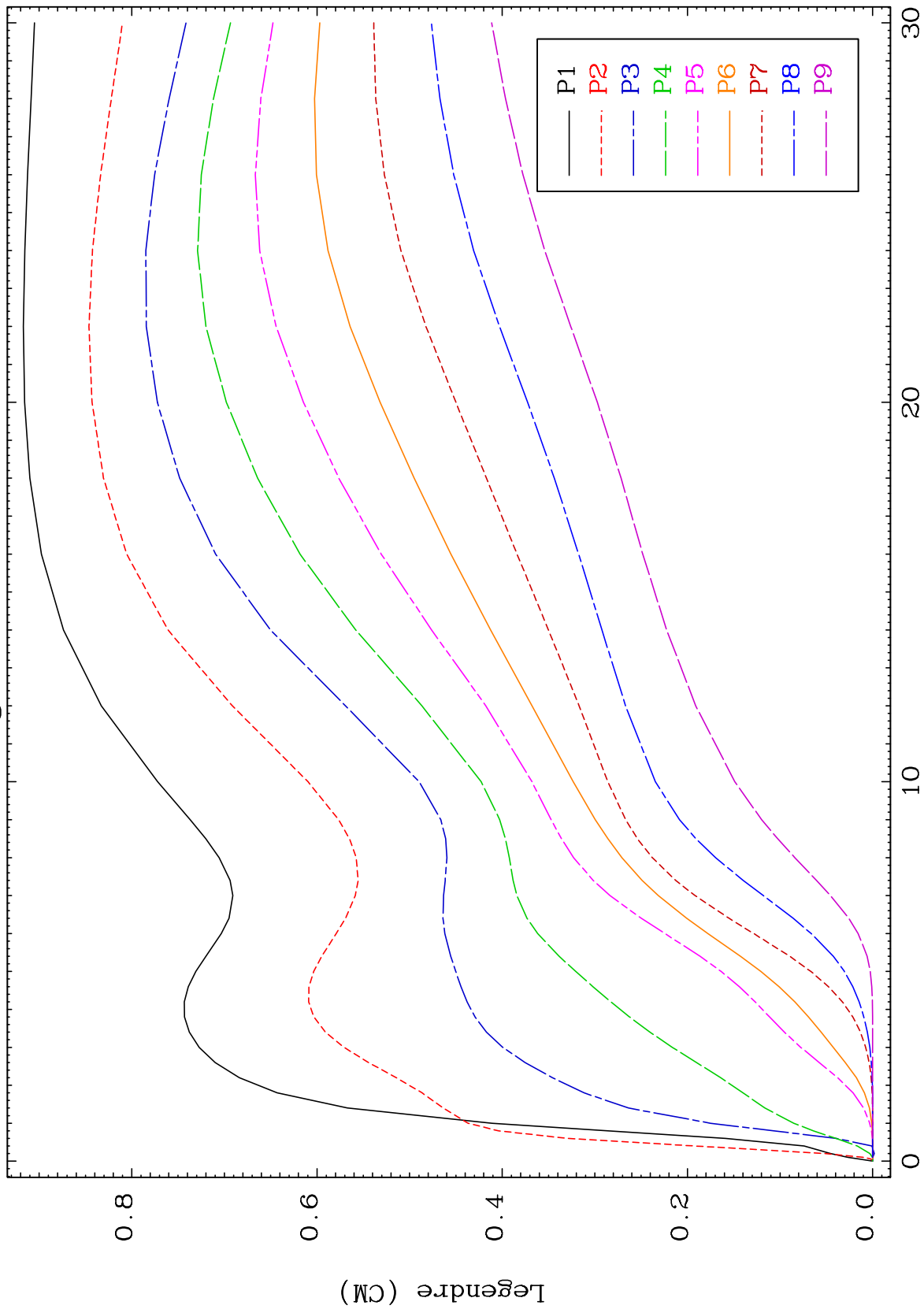
Incident Energy (MeV)

66-Dy-154

MAT 6619

Elastic Legendre Coefficients

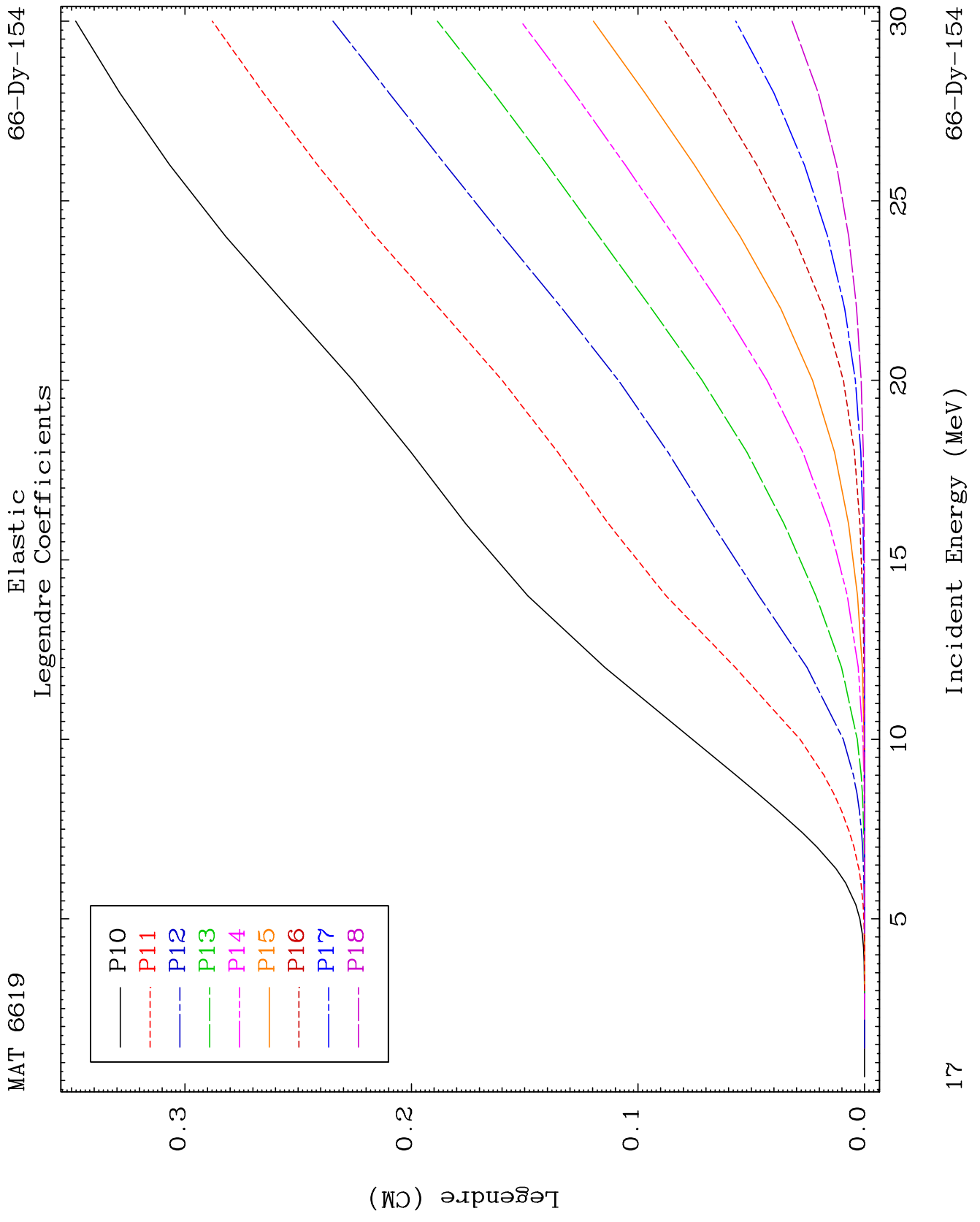
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16

Incident Energy (MeV)

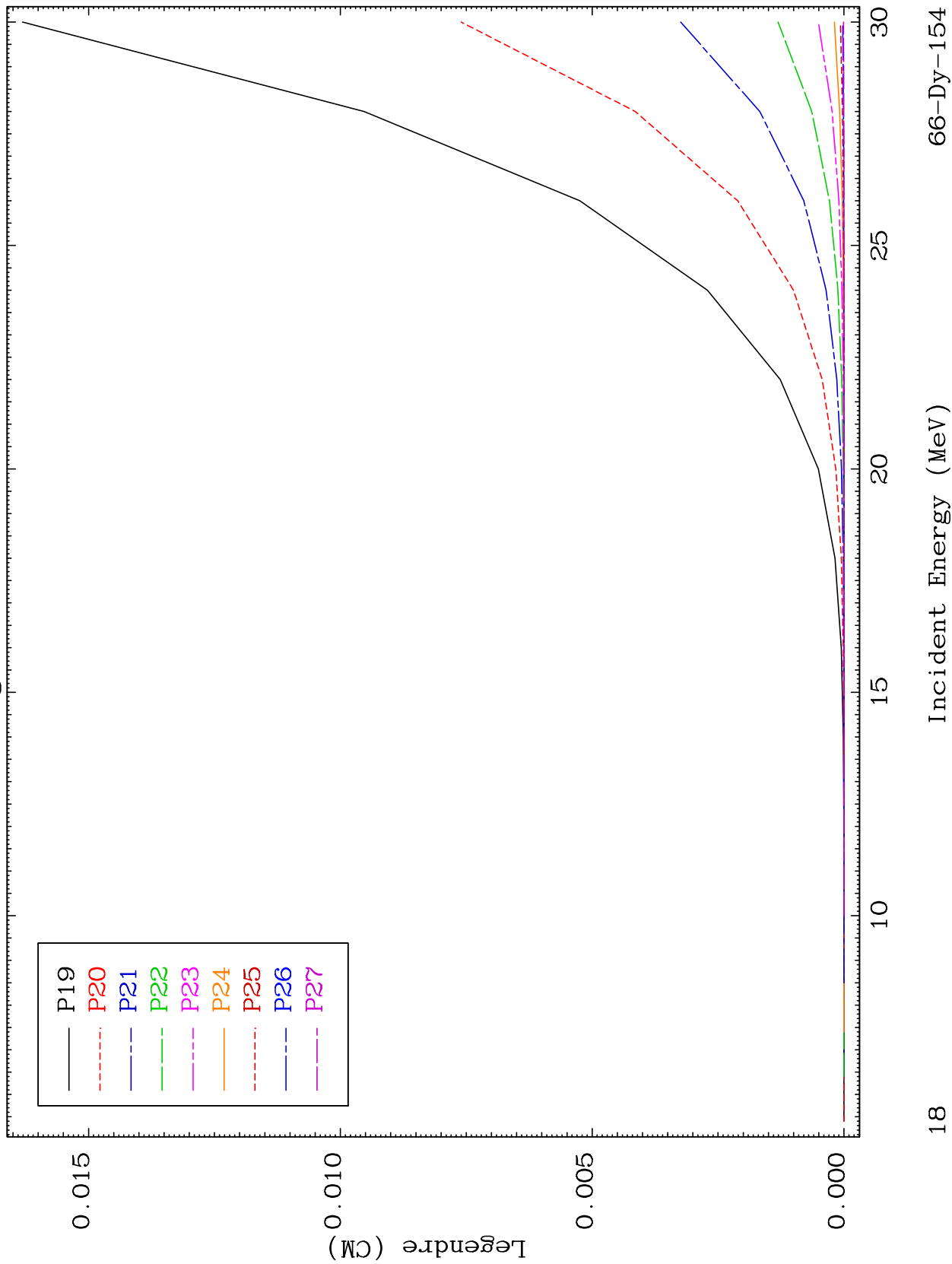
66-Dy-154



MAT 6619

Elastic Legendre Coefficients

66-Dy-154



18

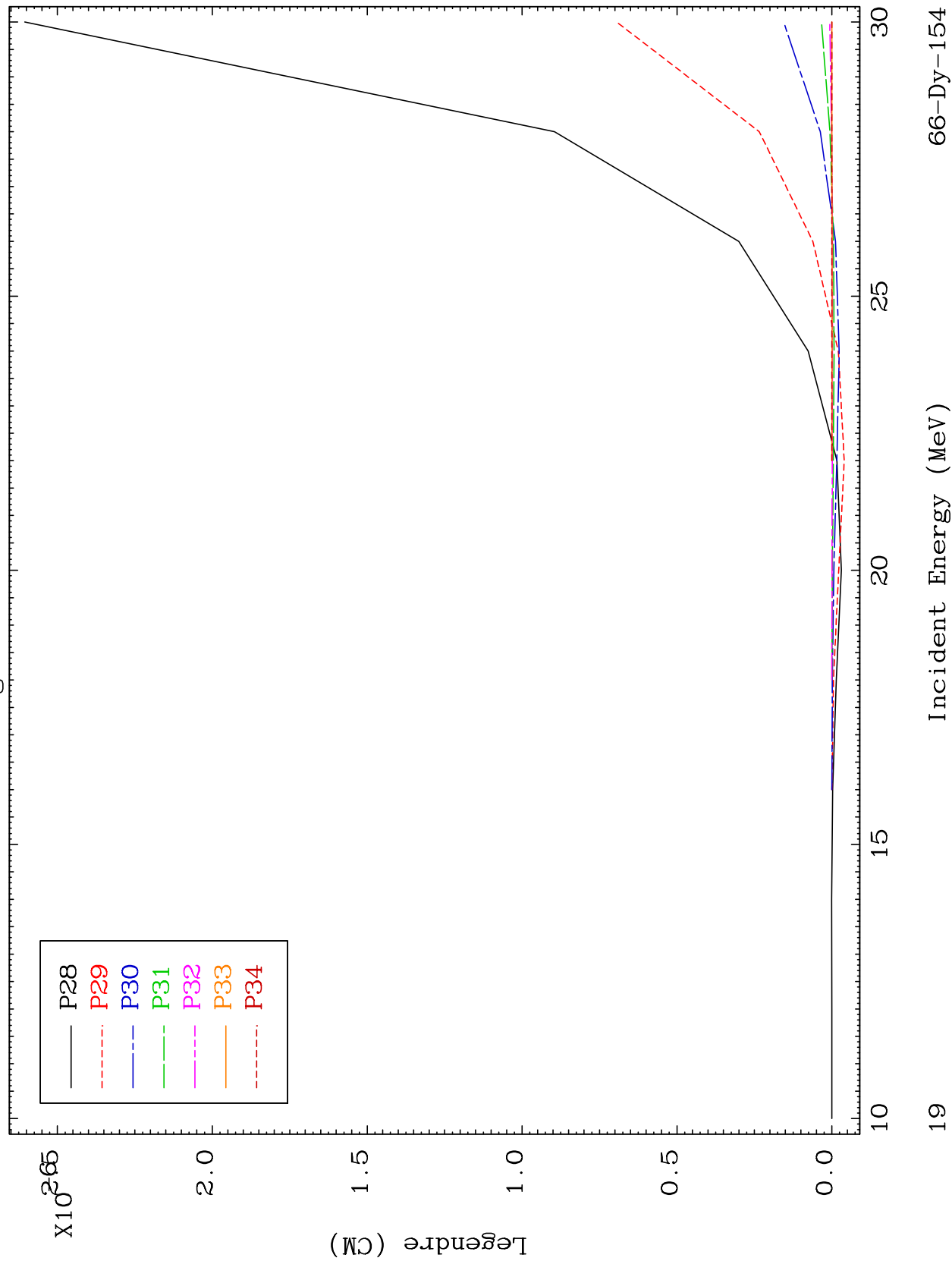
Incident Energy (MeV)

66-Dy-154

MAT 6619

Elastic Legendre Coefficients

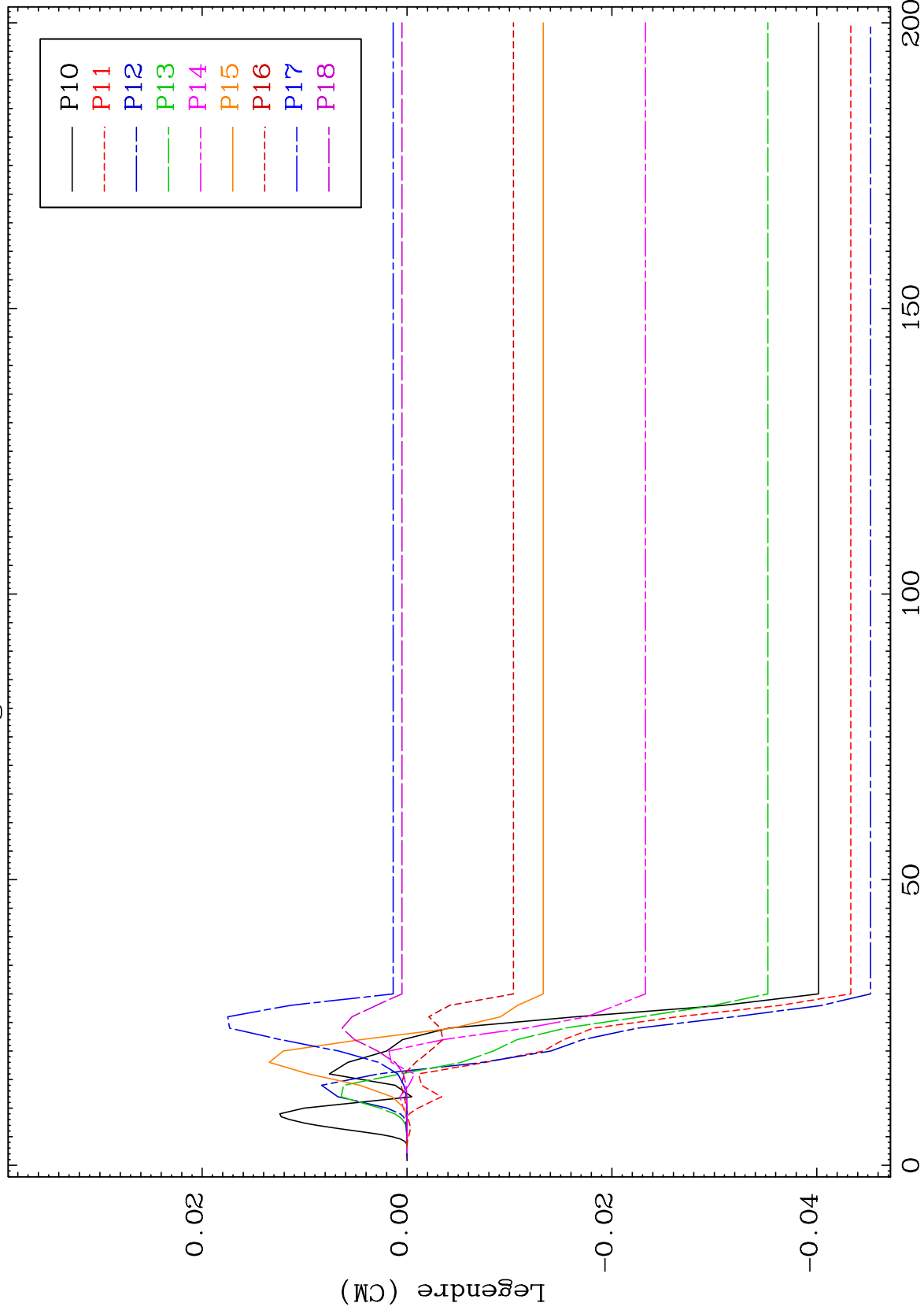
66-Dy-154



MAT 6619

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

66-Dy-154



21

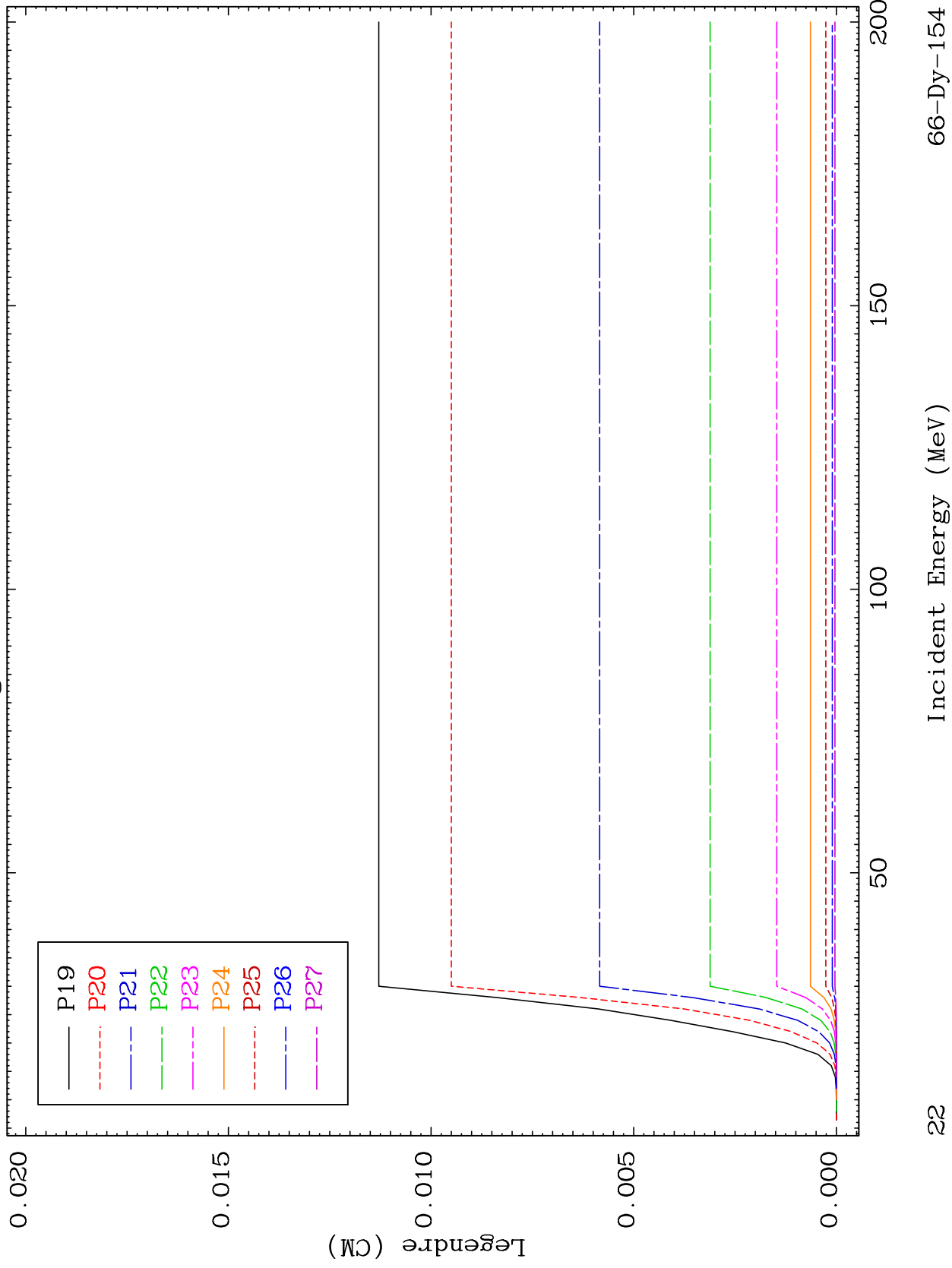
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



22

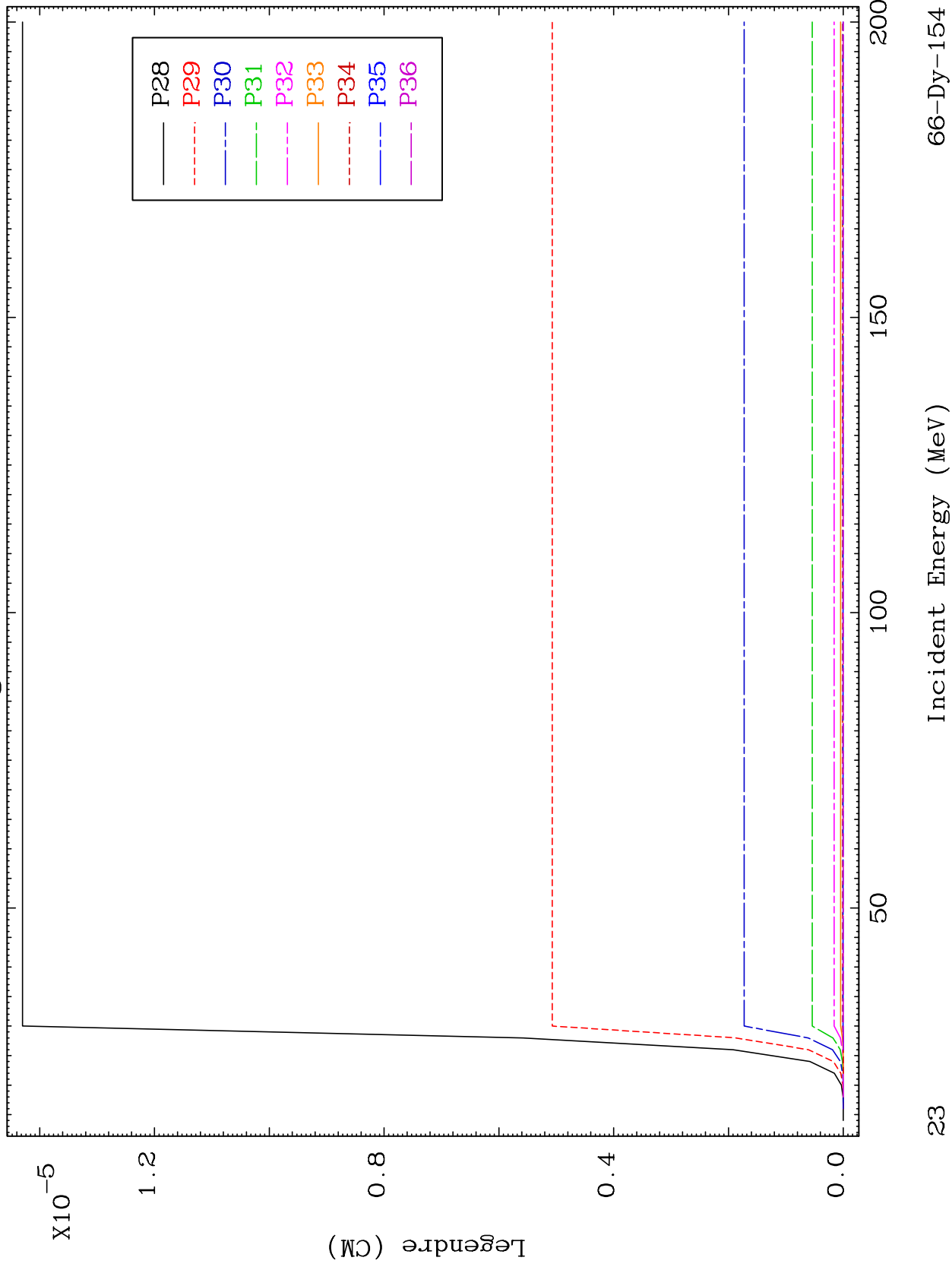
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

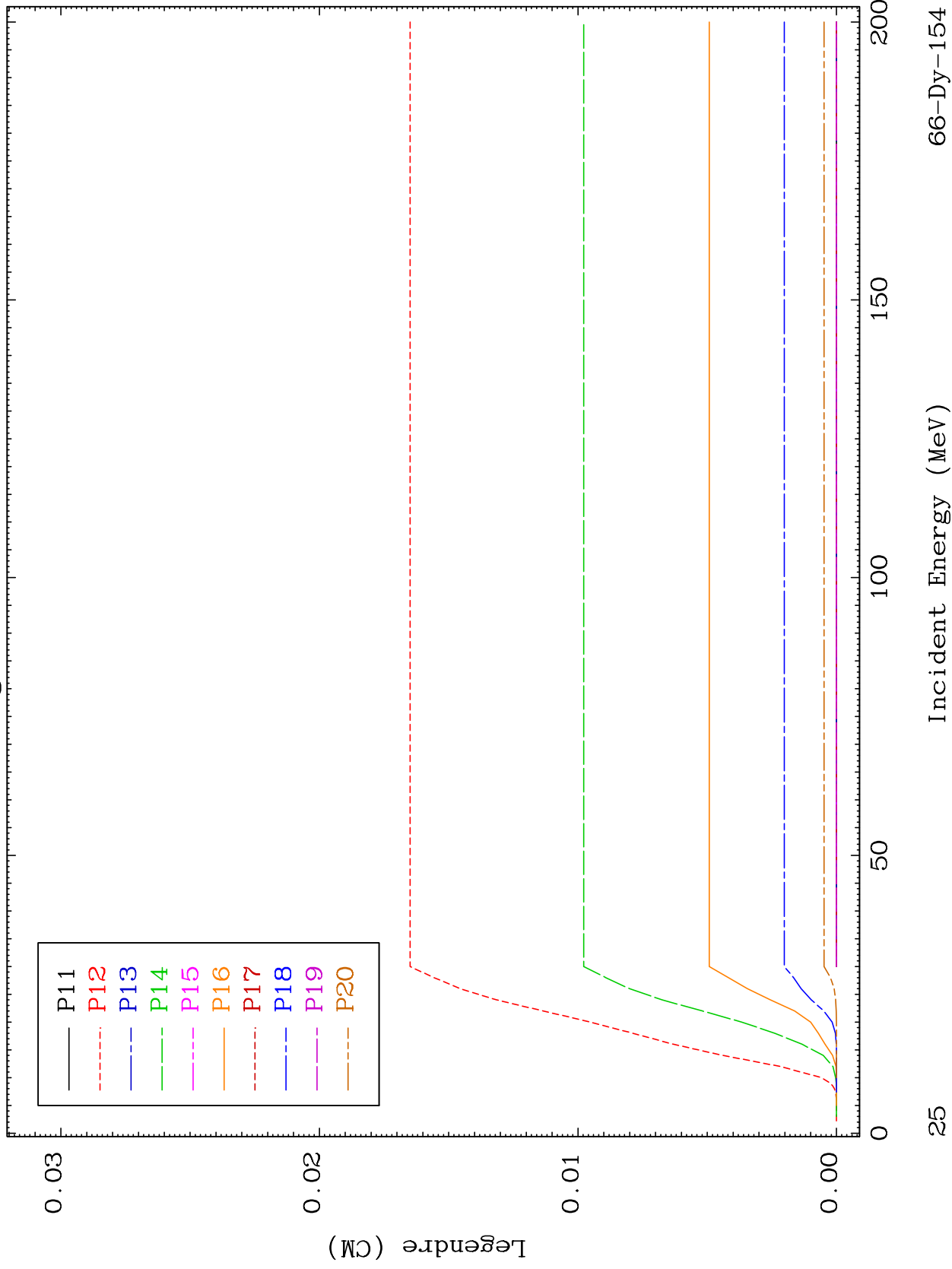
66-Dy-154



MAT 6619

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

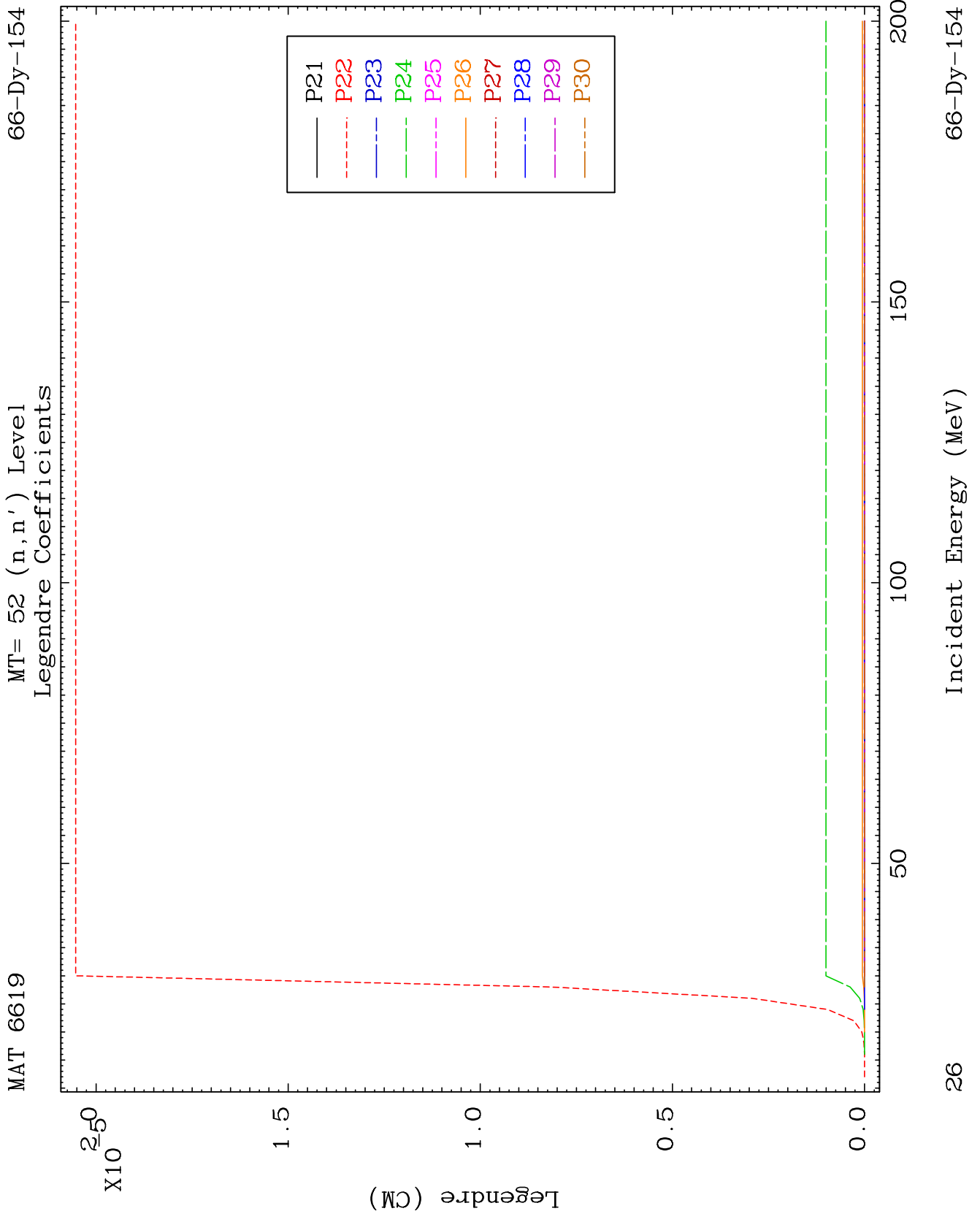
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66-Dy-154

Incident Energy (MeV)

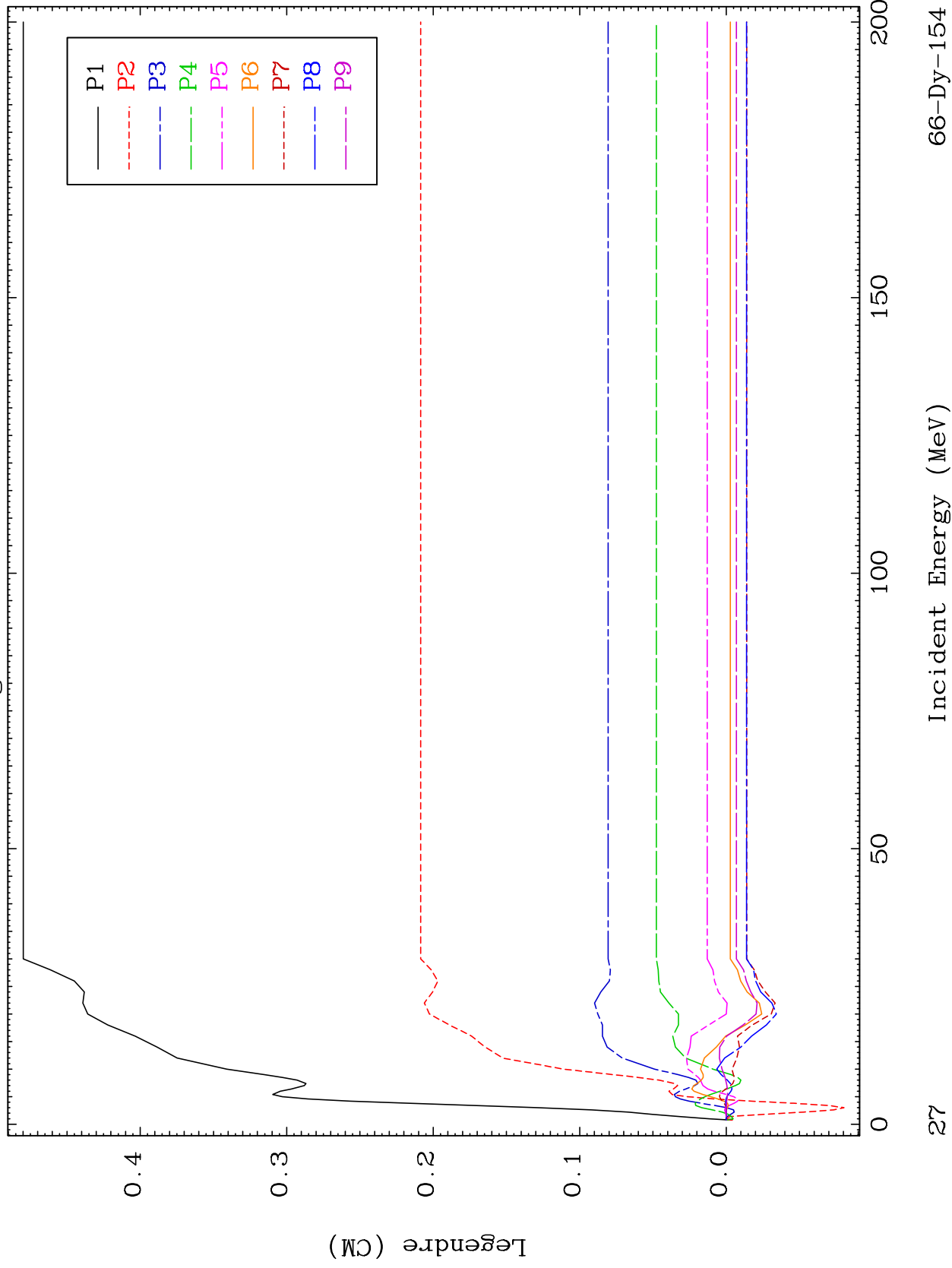
25



MAT 6619

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

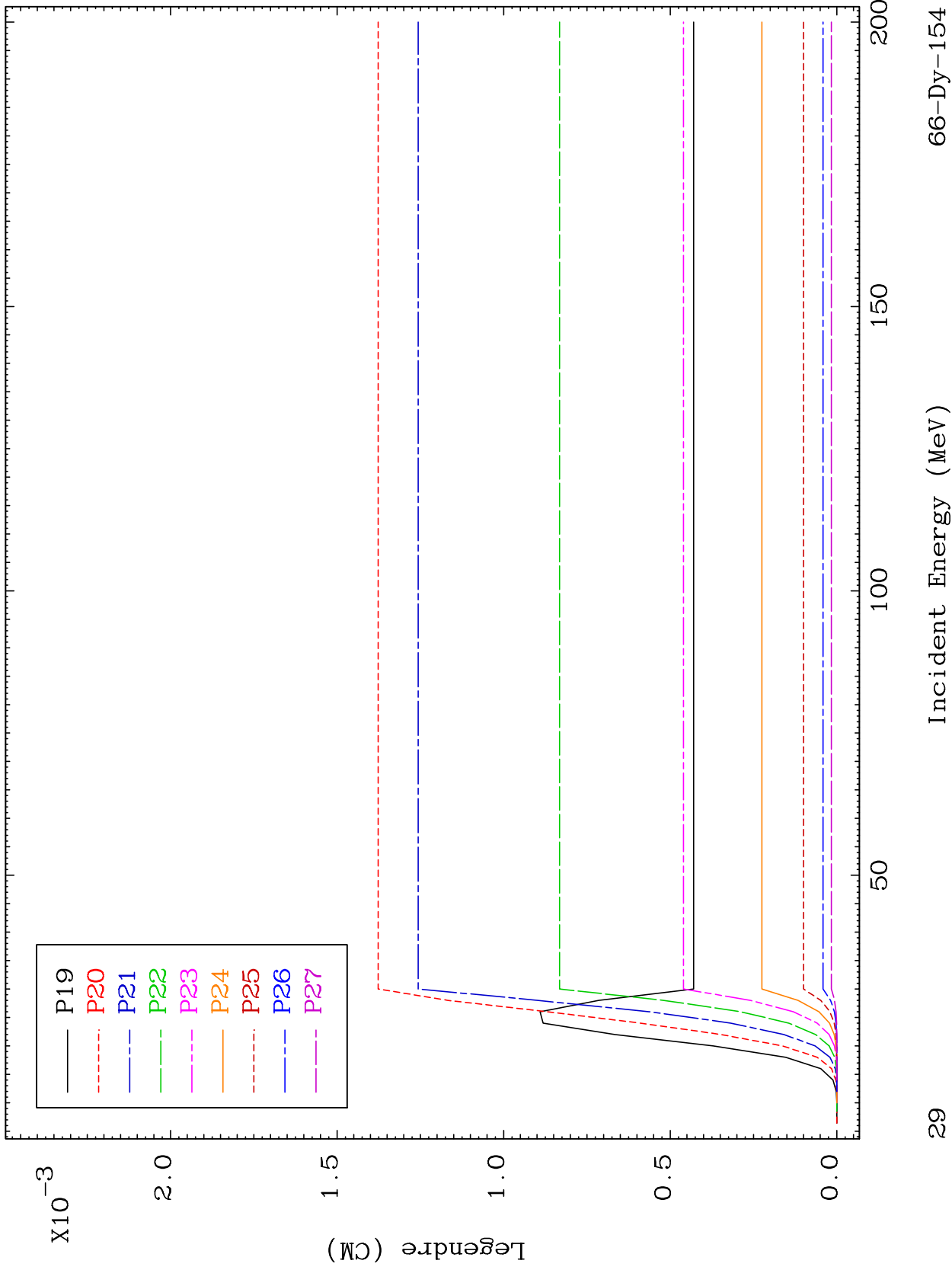
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66-Dy-154

Incident Energy (MeV)

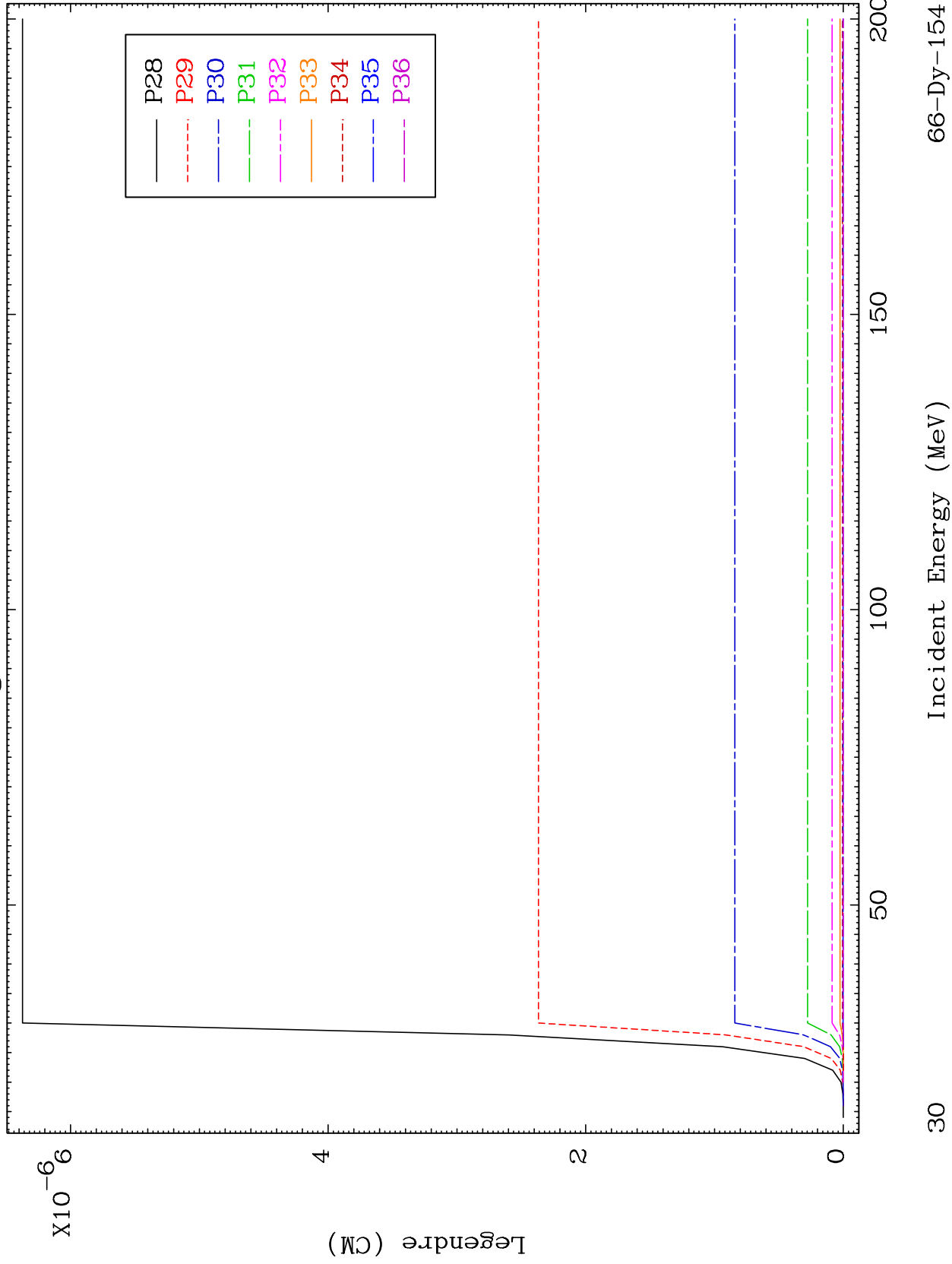
27



MAT 6619

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

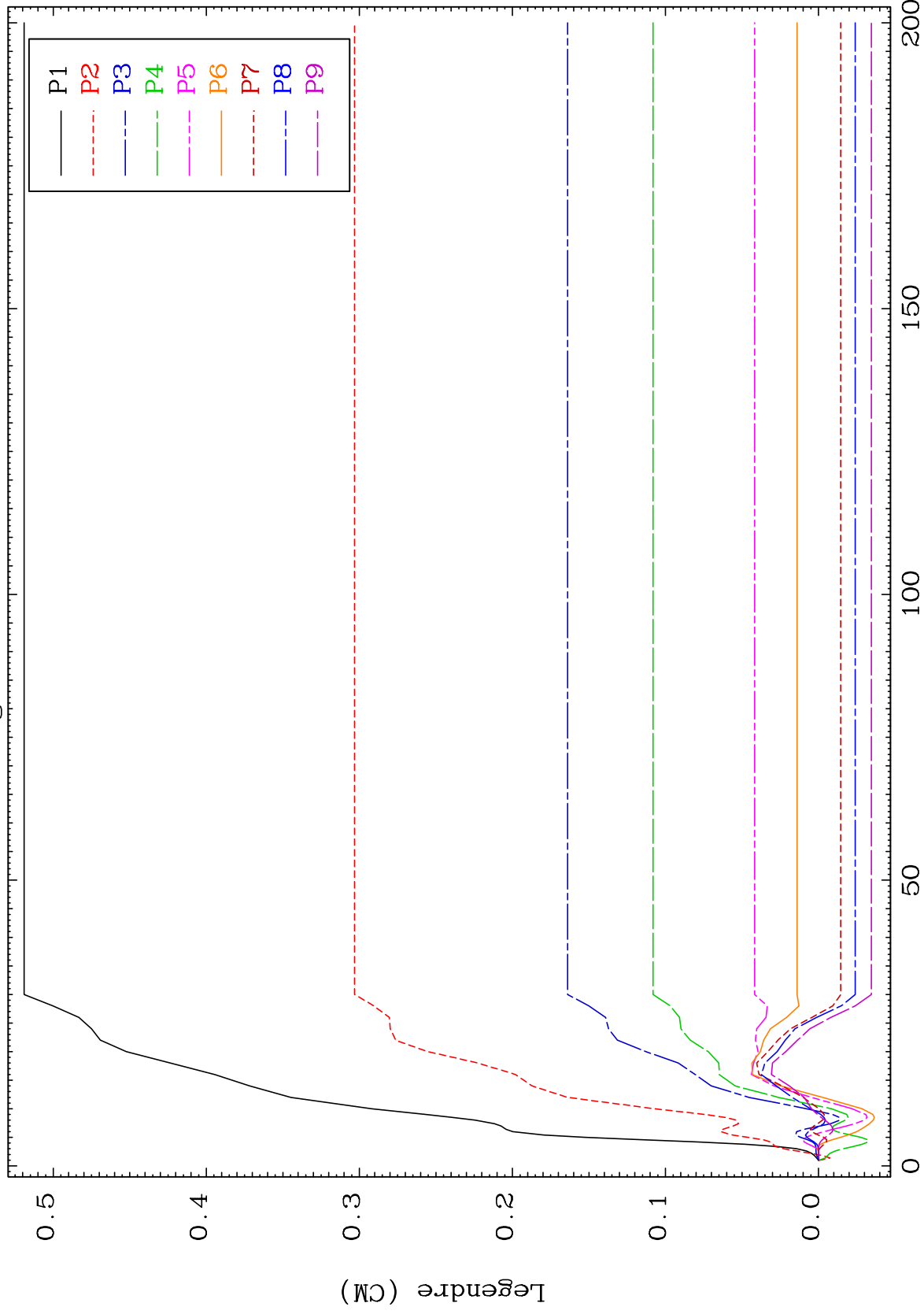
66-Dy-154



MAT 6619

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

66-Dy-154



31

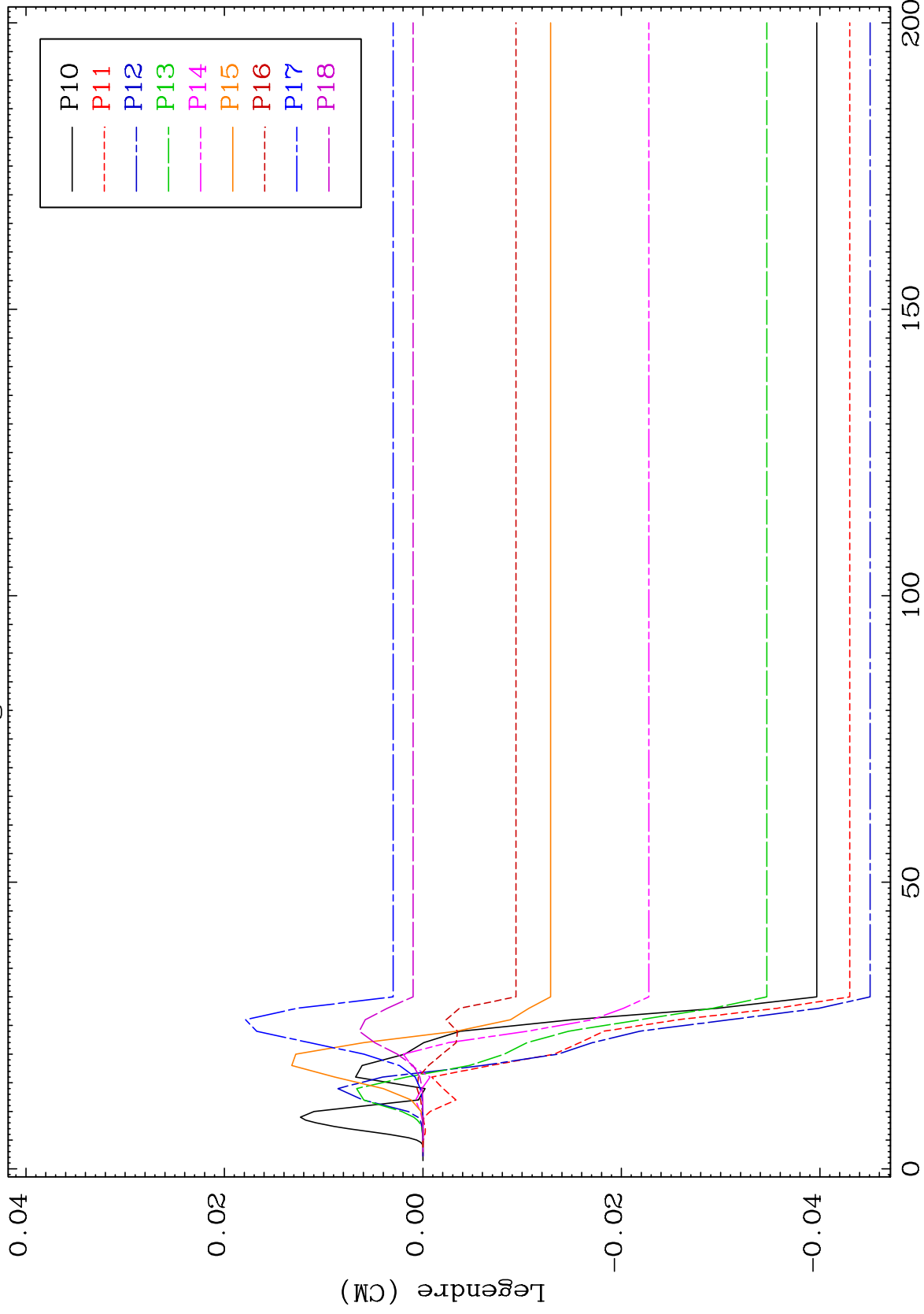
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



32

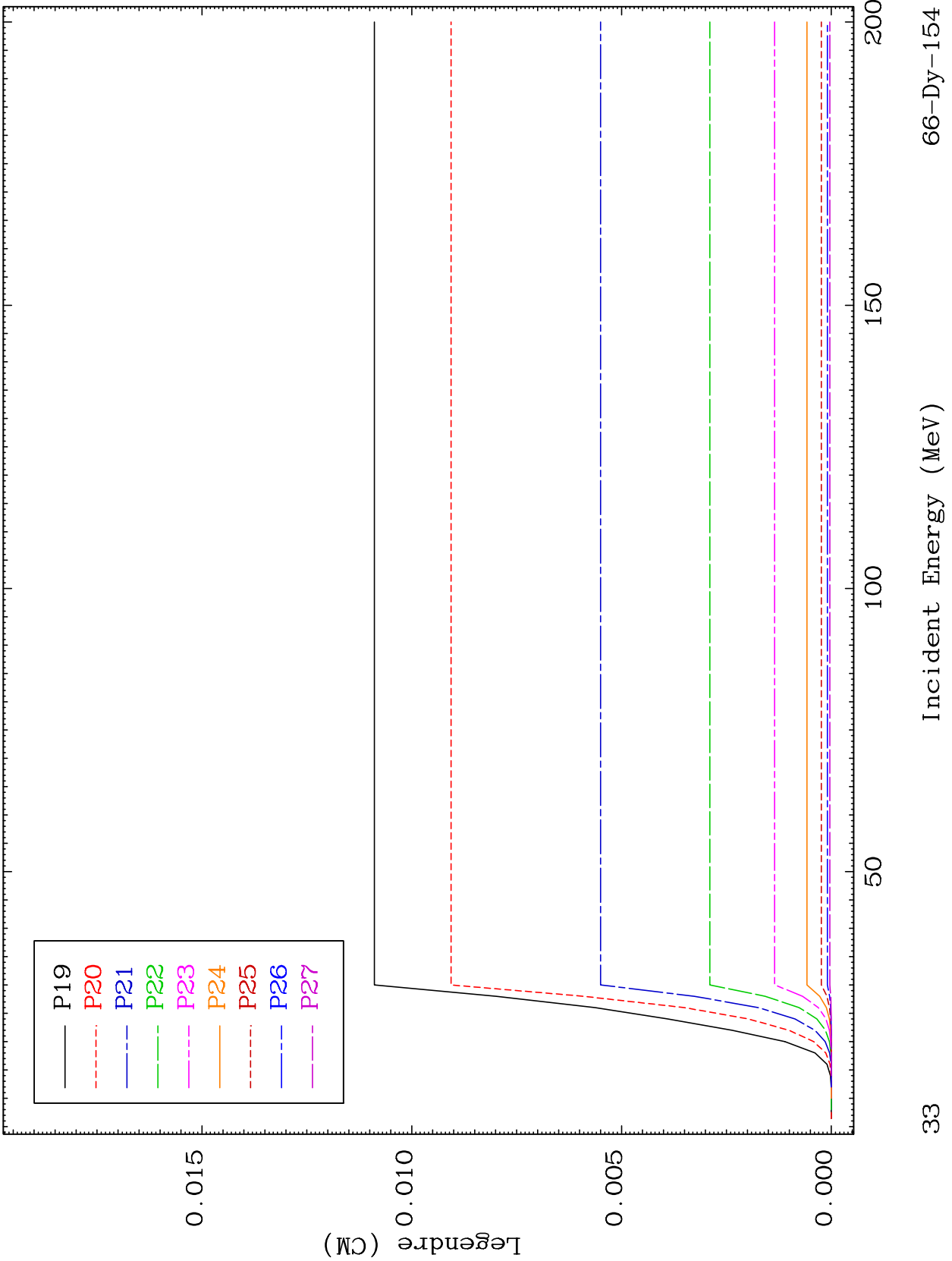
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

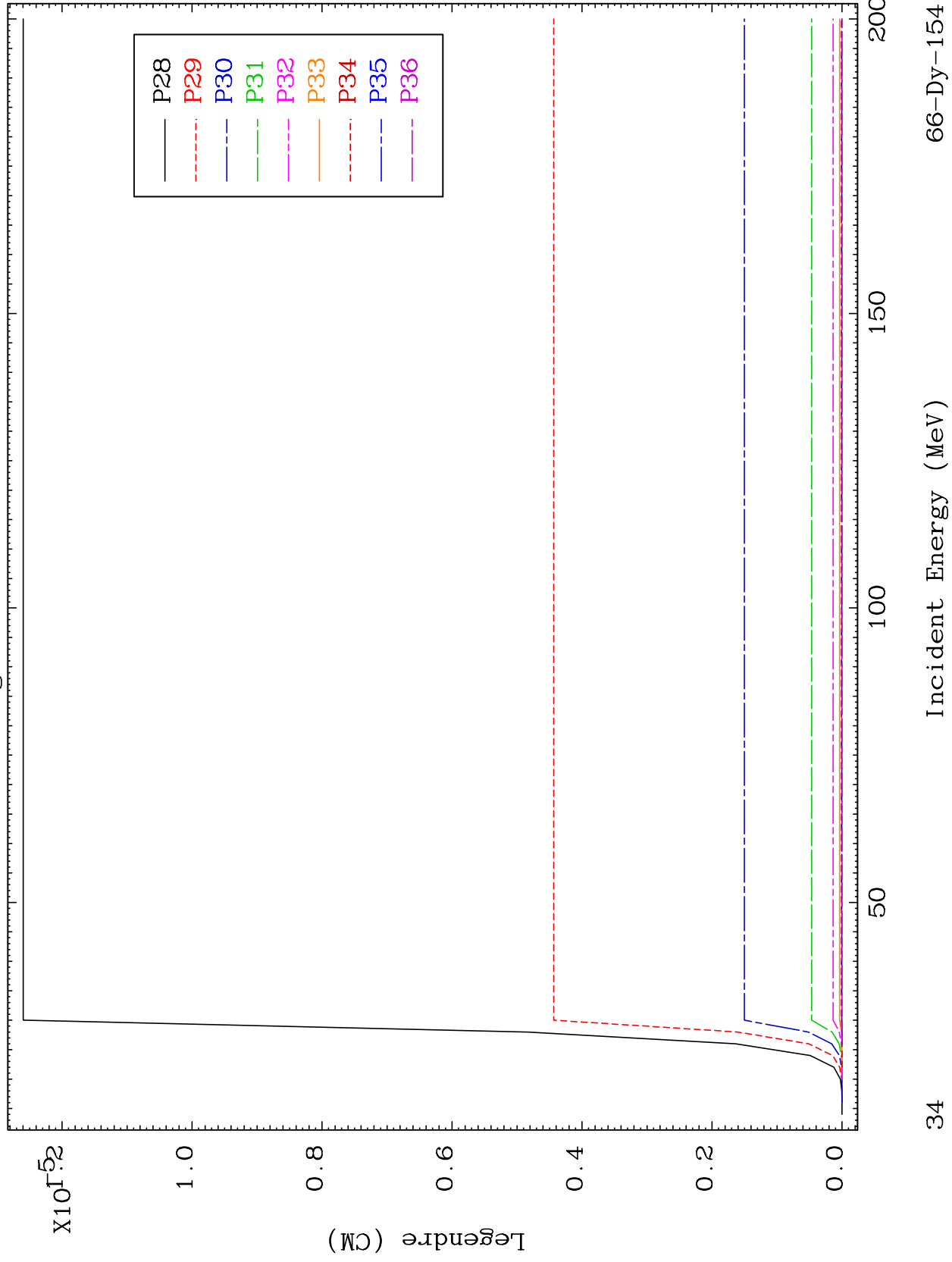
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MAT 6619

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

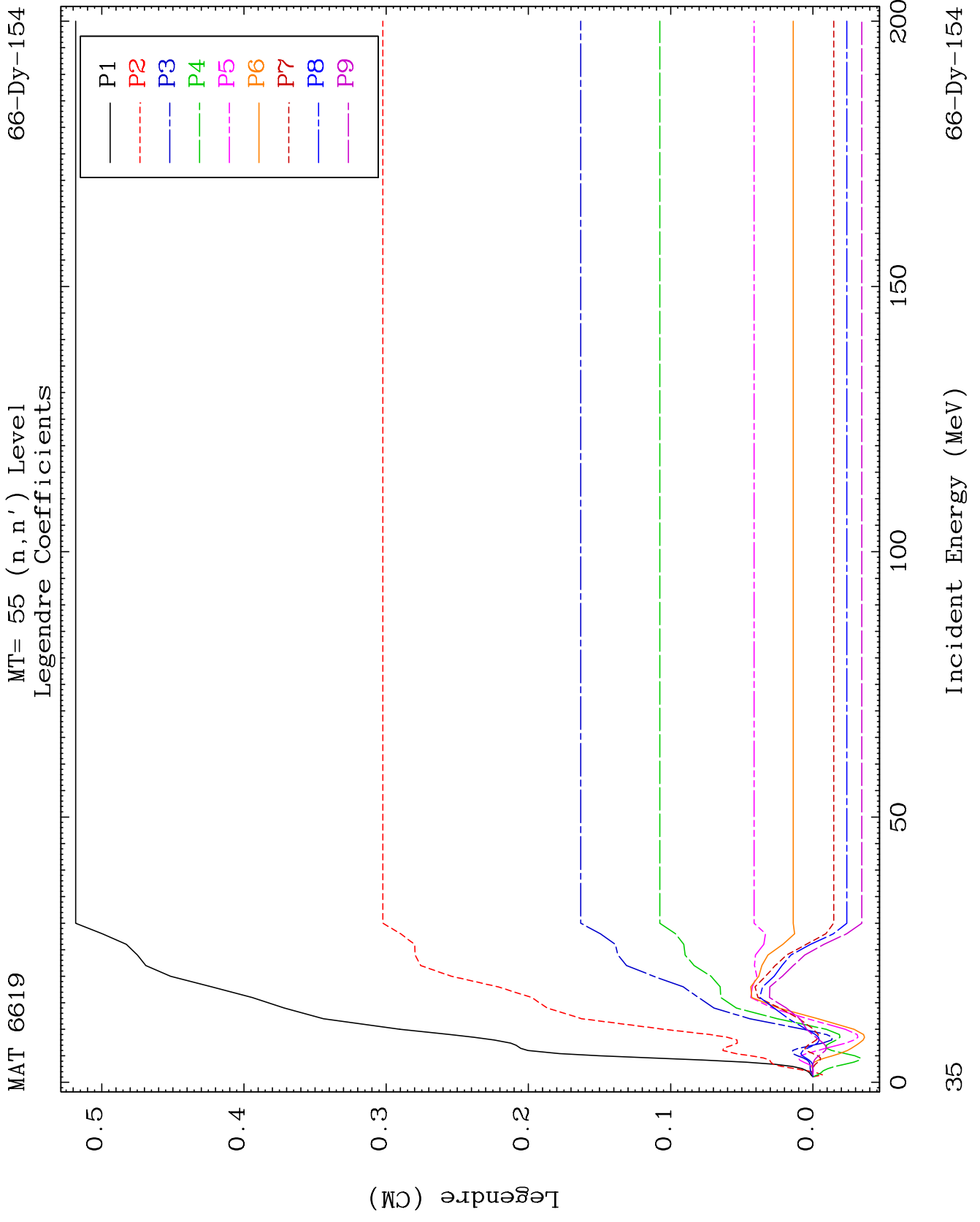
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Incident Energy (MeV)

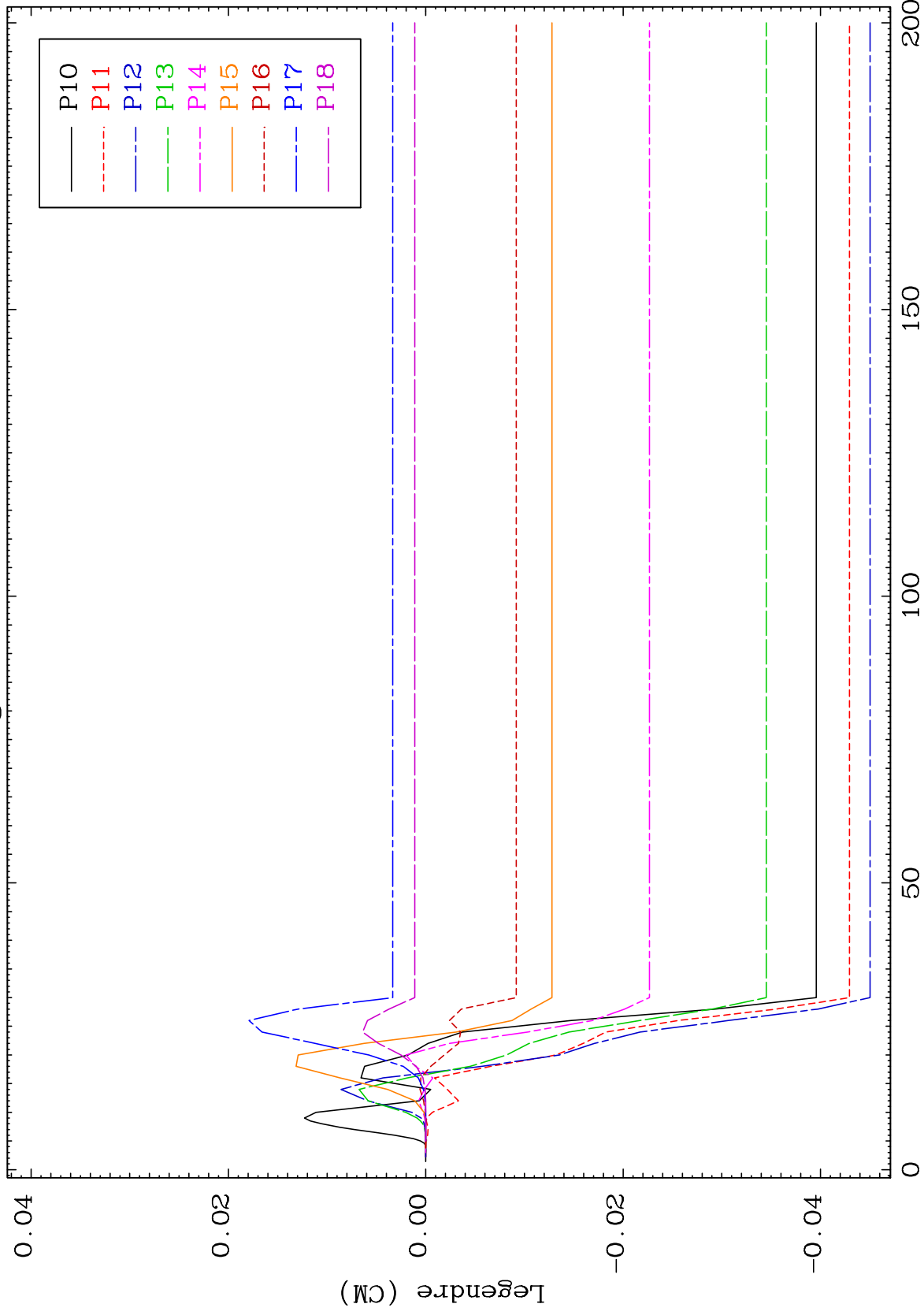
66-Dy-154



MAT 6619

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

66-Dy-154



36

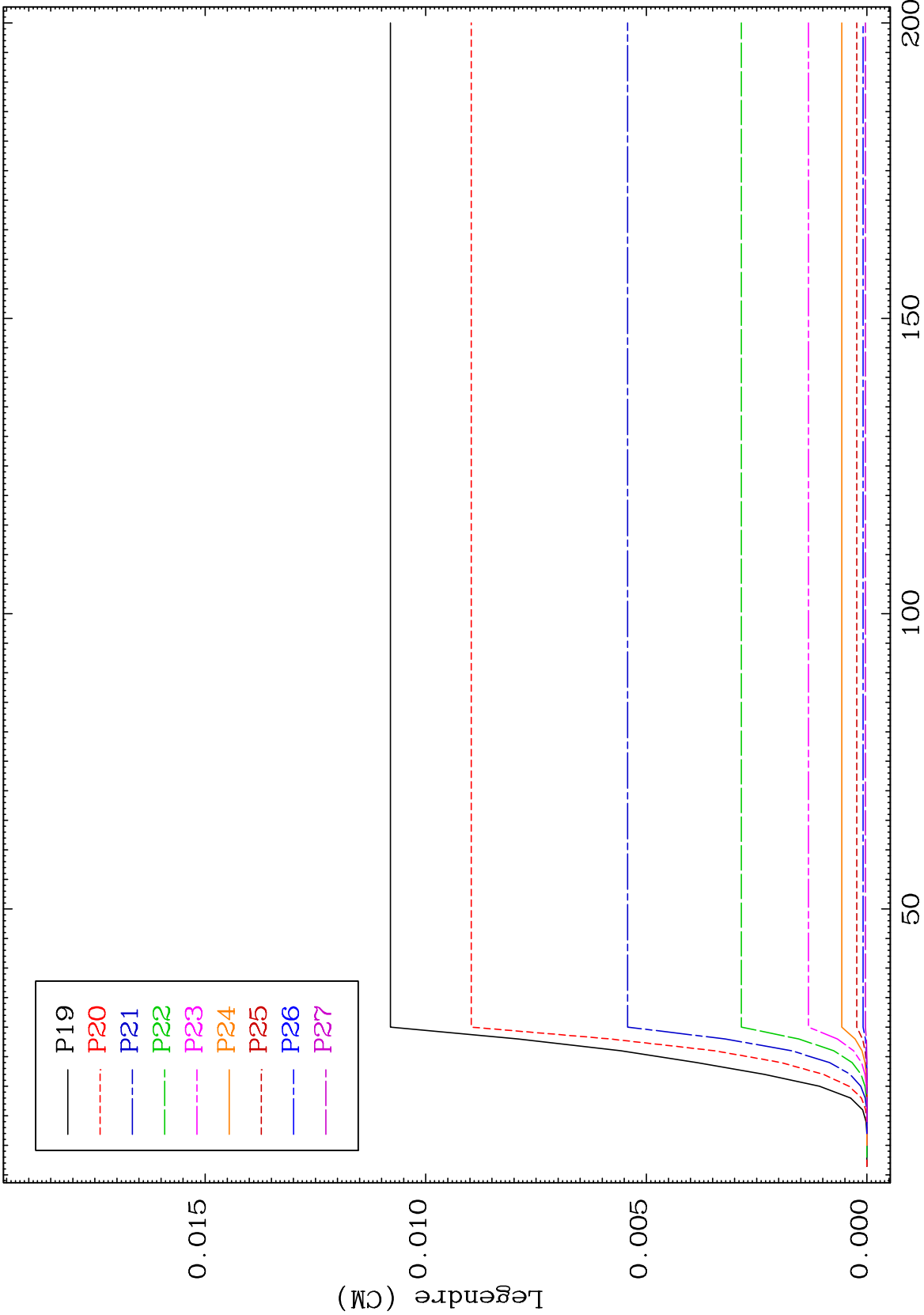
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



37

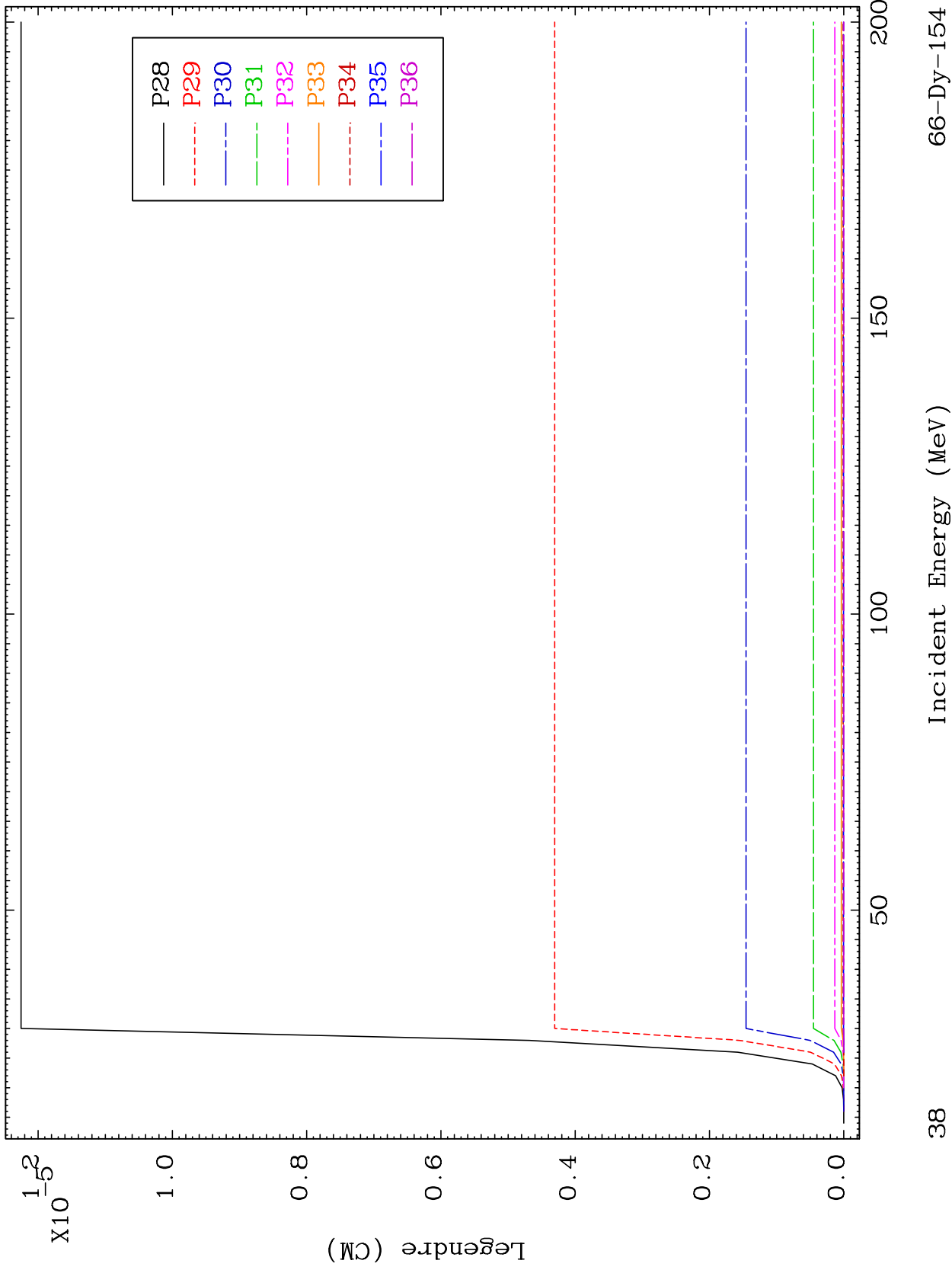
Incident Energy (MeV)

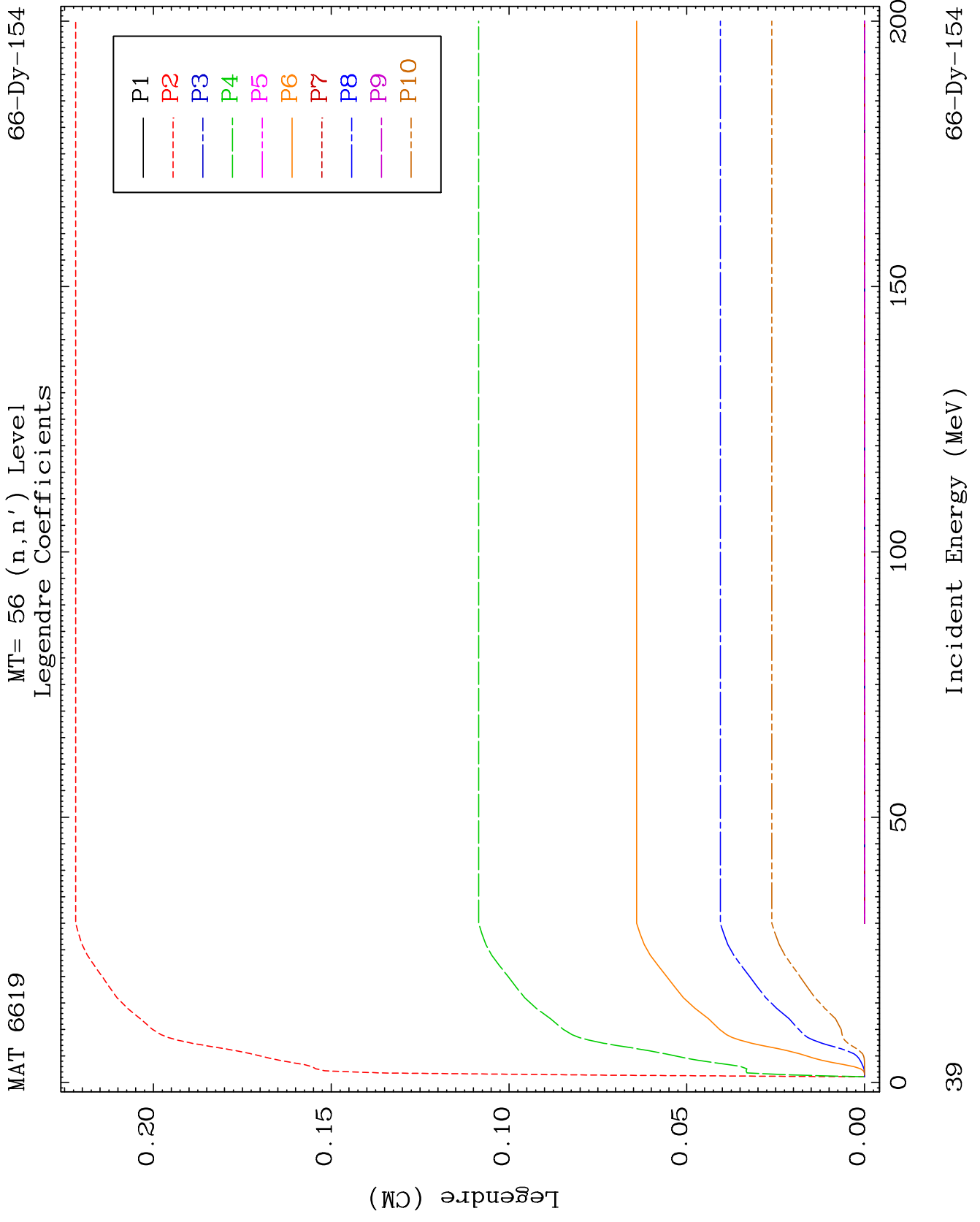
66-Dy-154

MAT 6619

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

66-Dy-154

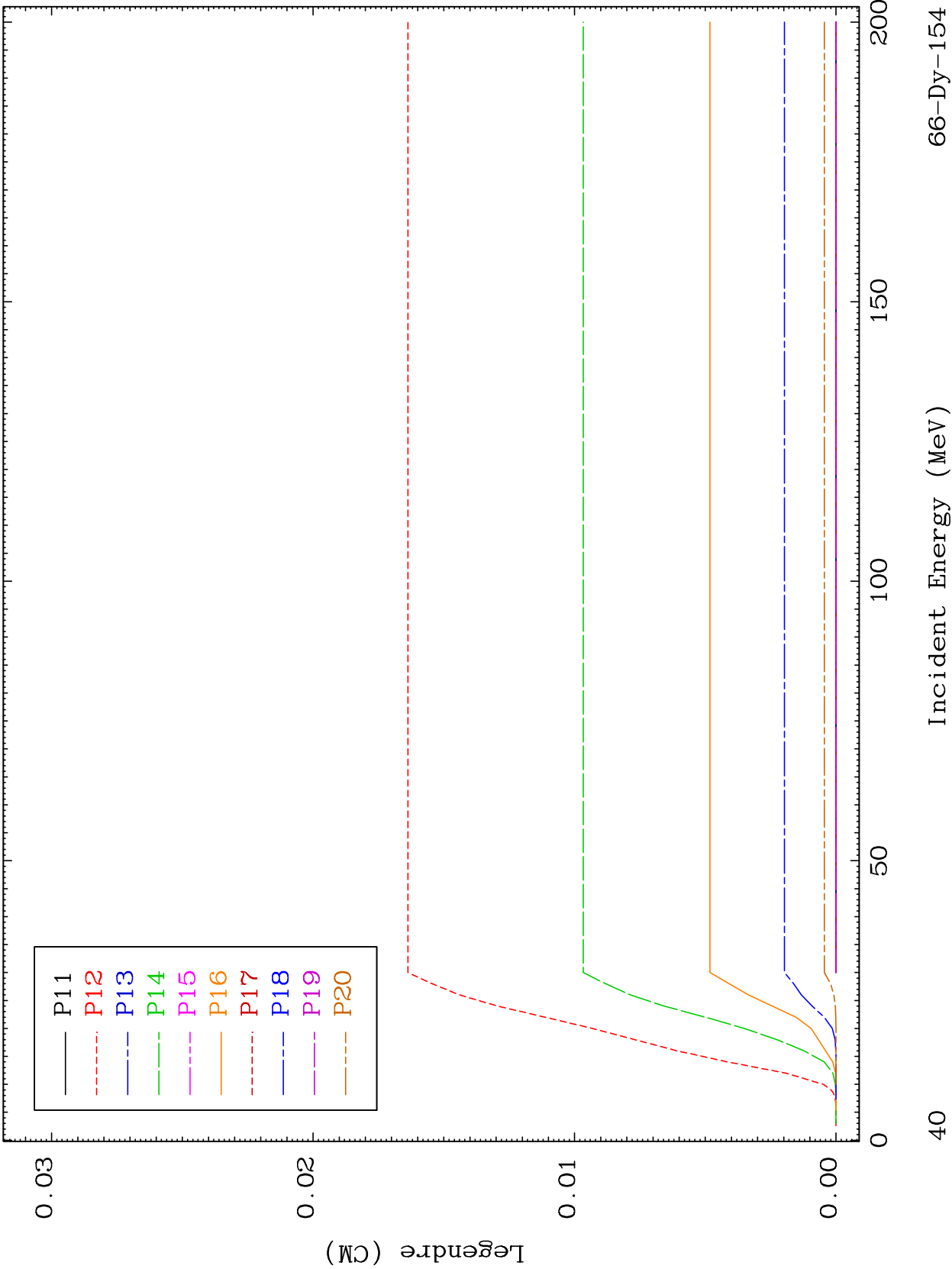




MAT 6619

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

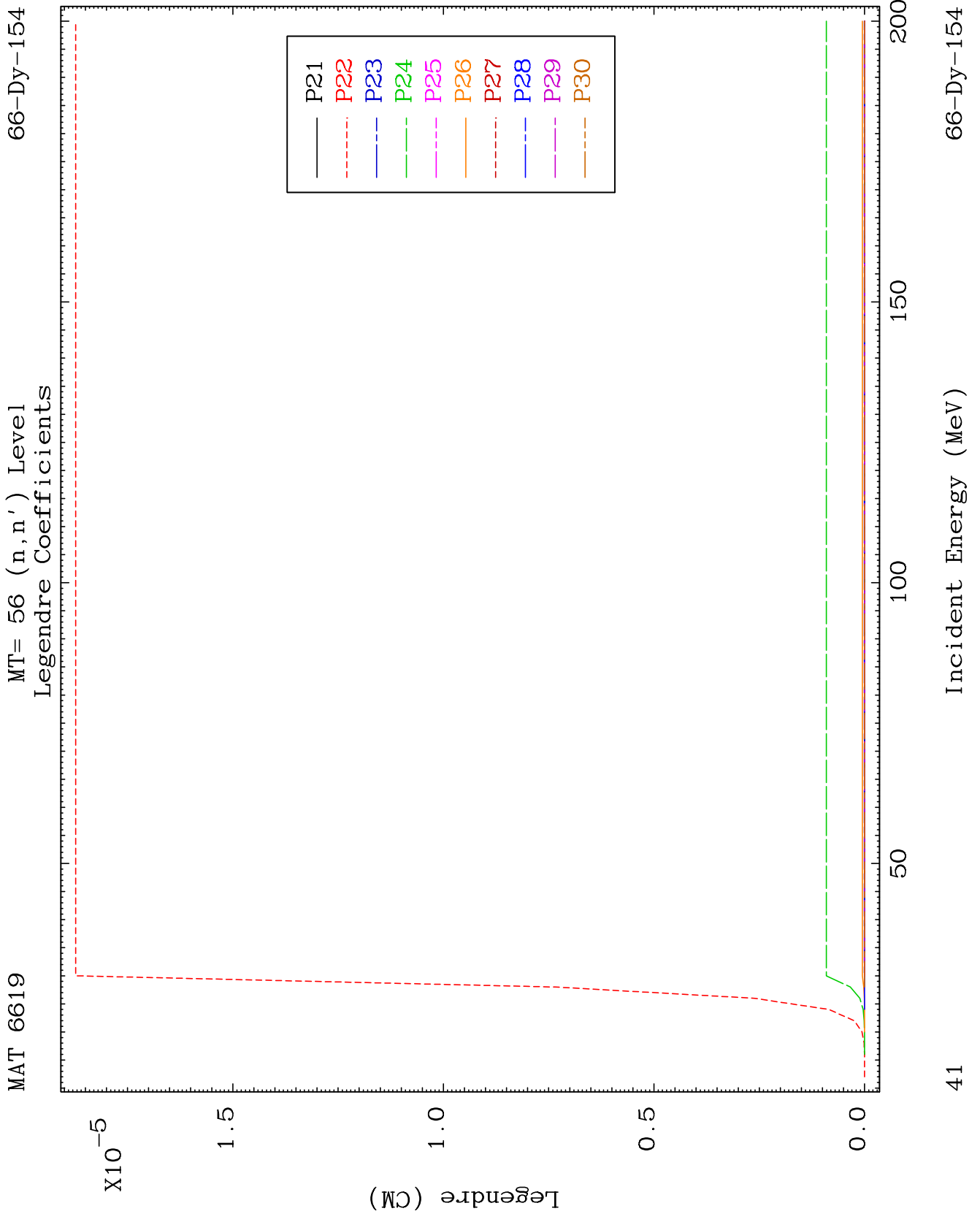
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66-Dy-154

Incident Energy (MeV)

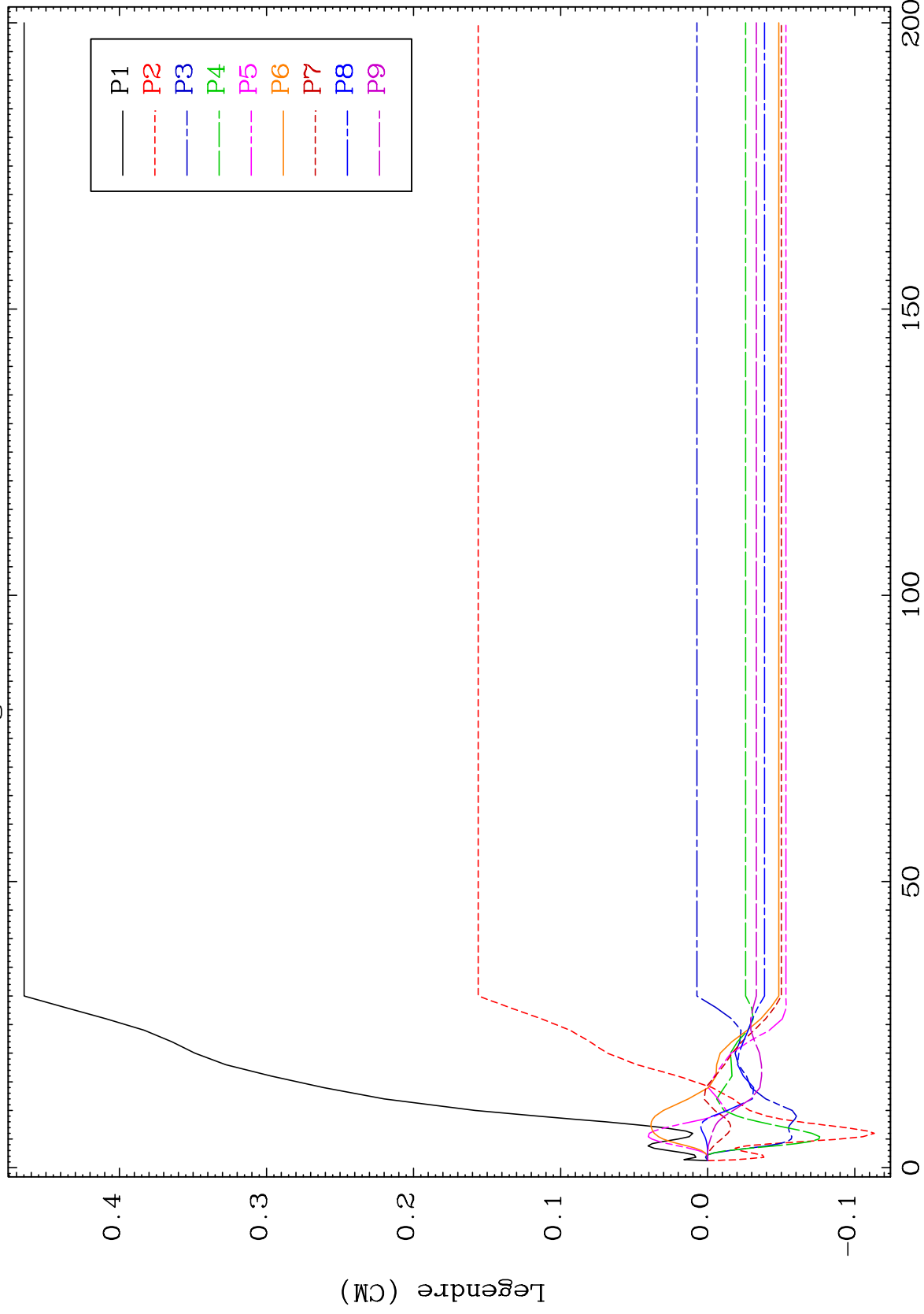
40



MAT 6619

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

66-Dy-154



42

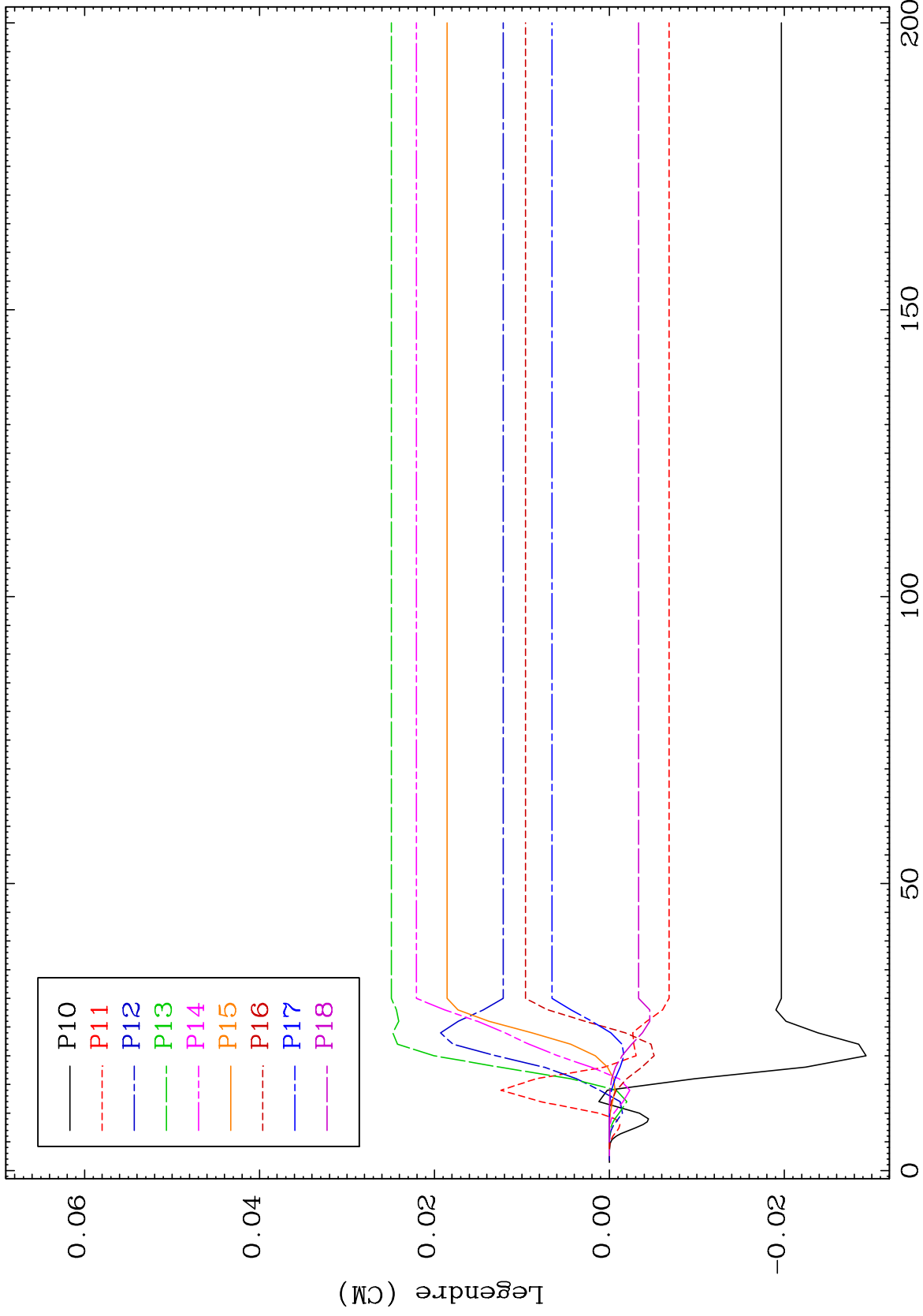
66-Dy-154

66-Dy-154

MAT 6619

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

66-Dy-154



43

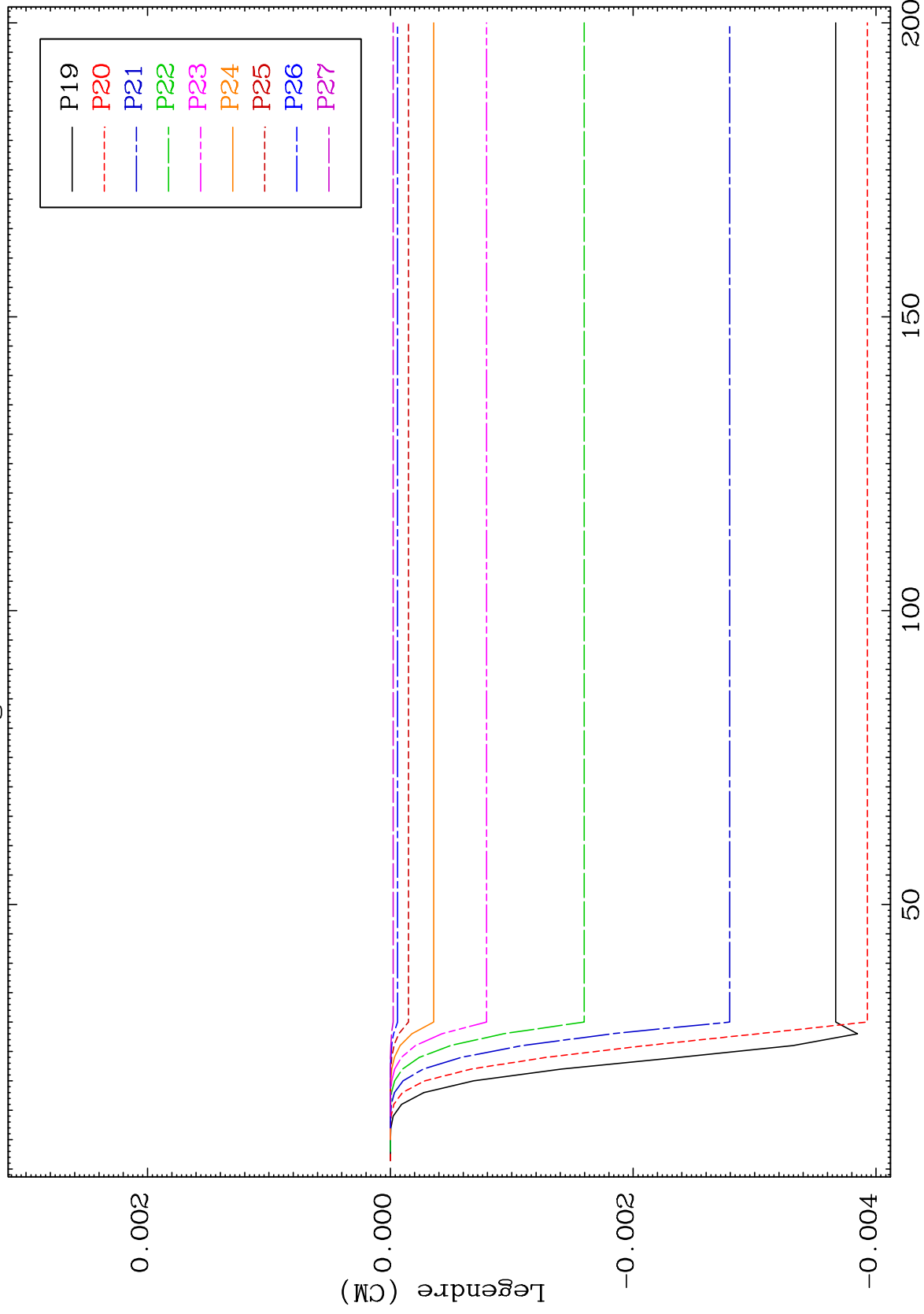
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

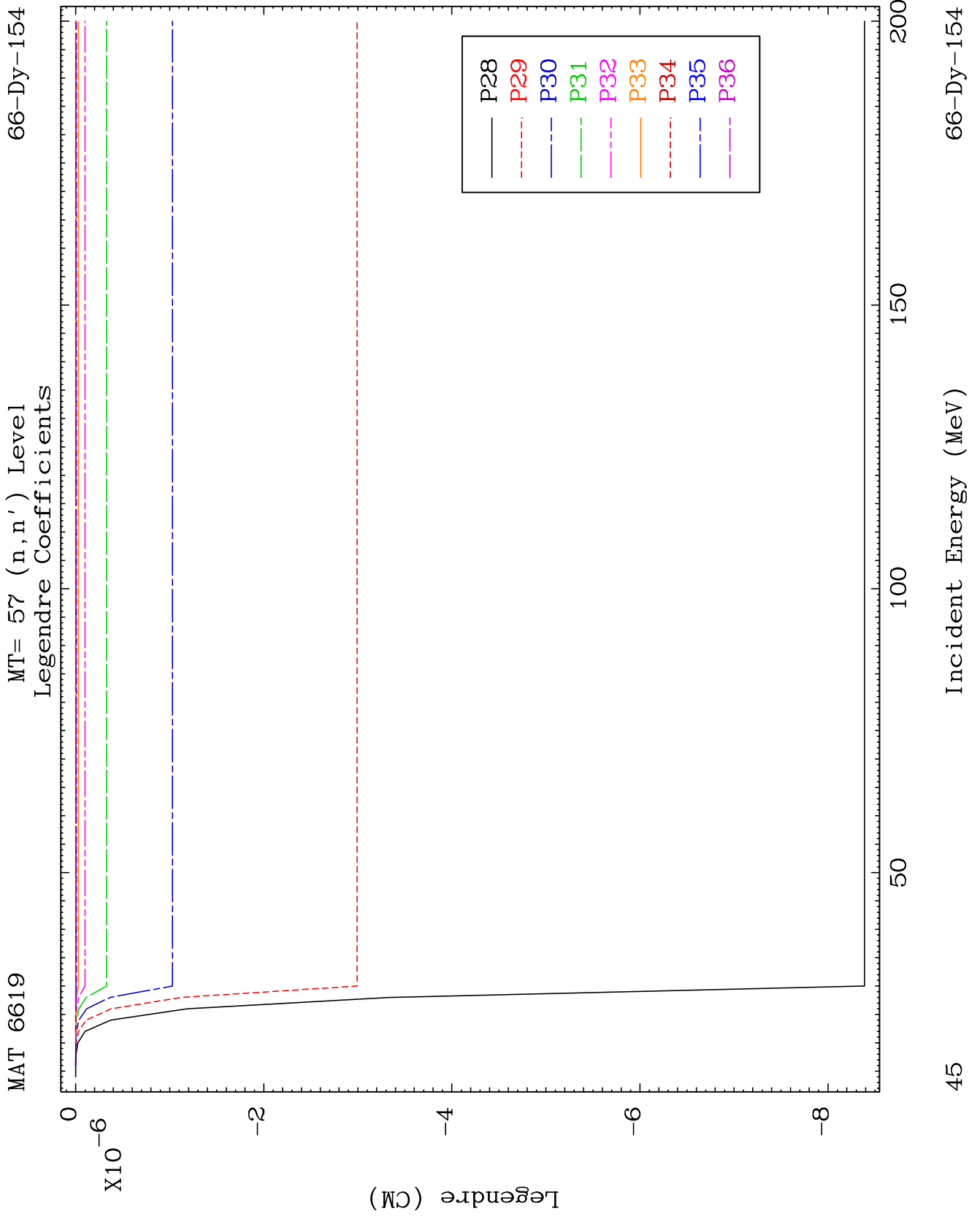
66-Dy-154



44

Incident Energy (MeV)

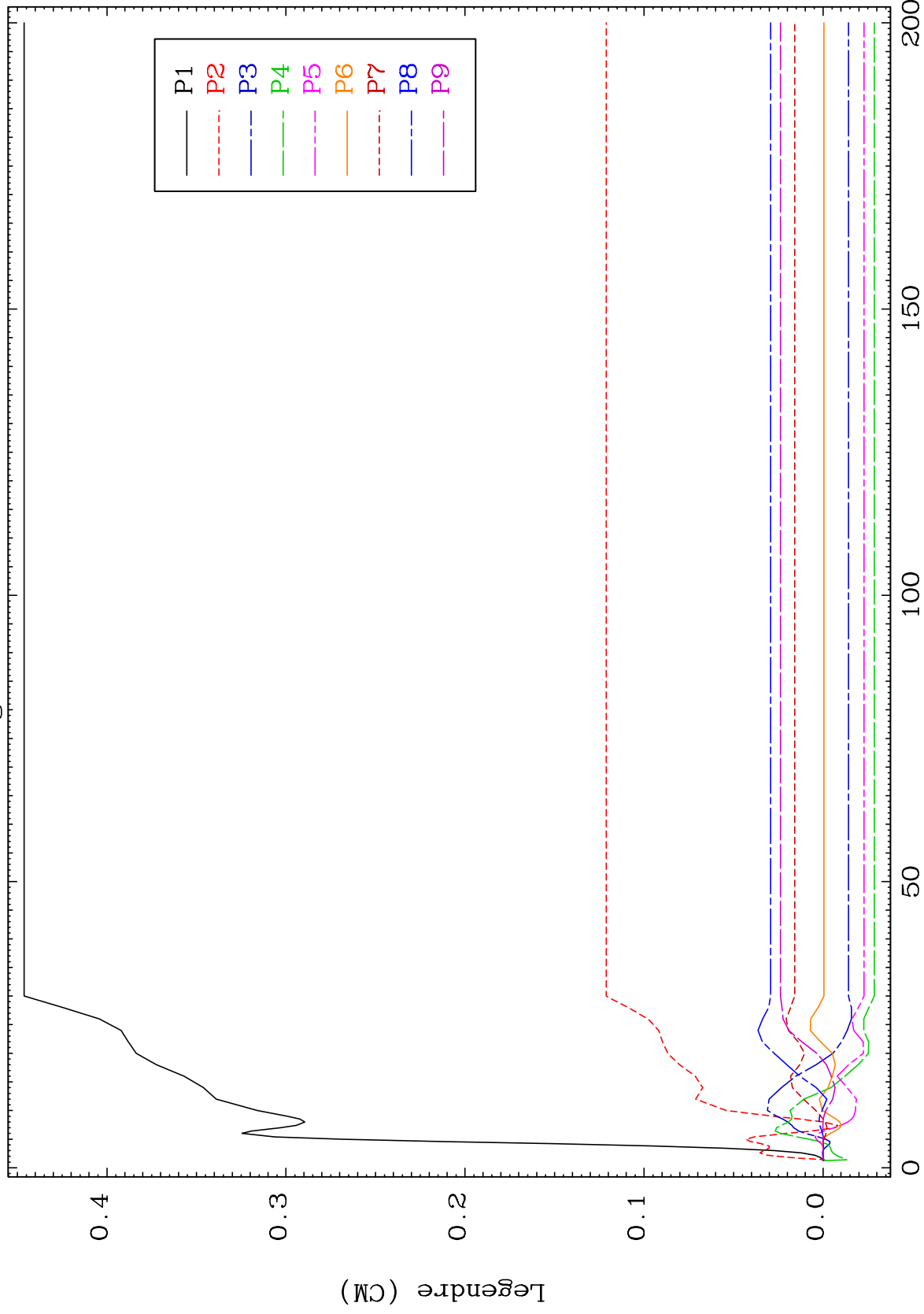
66-Dy-154



MAT 6619

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

66-Dy-154



46

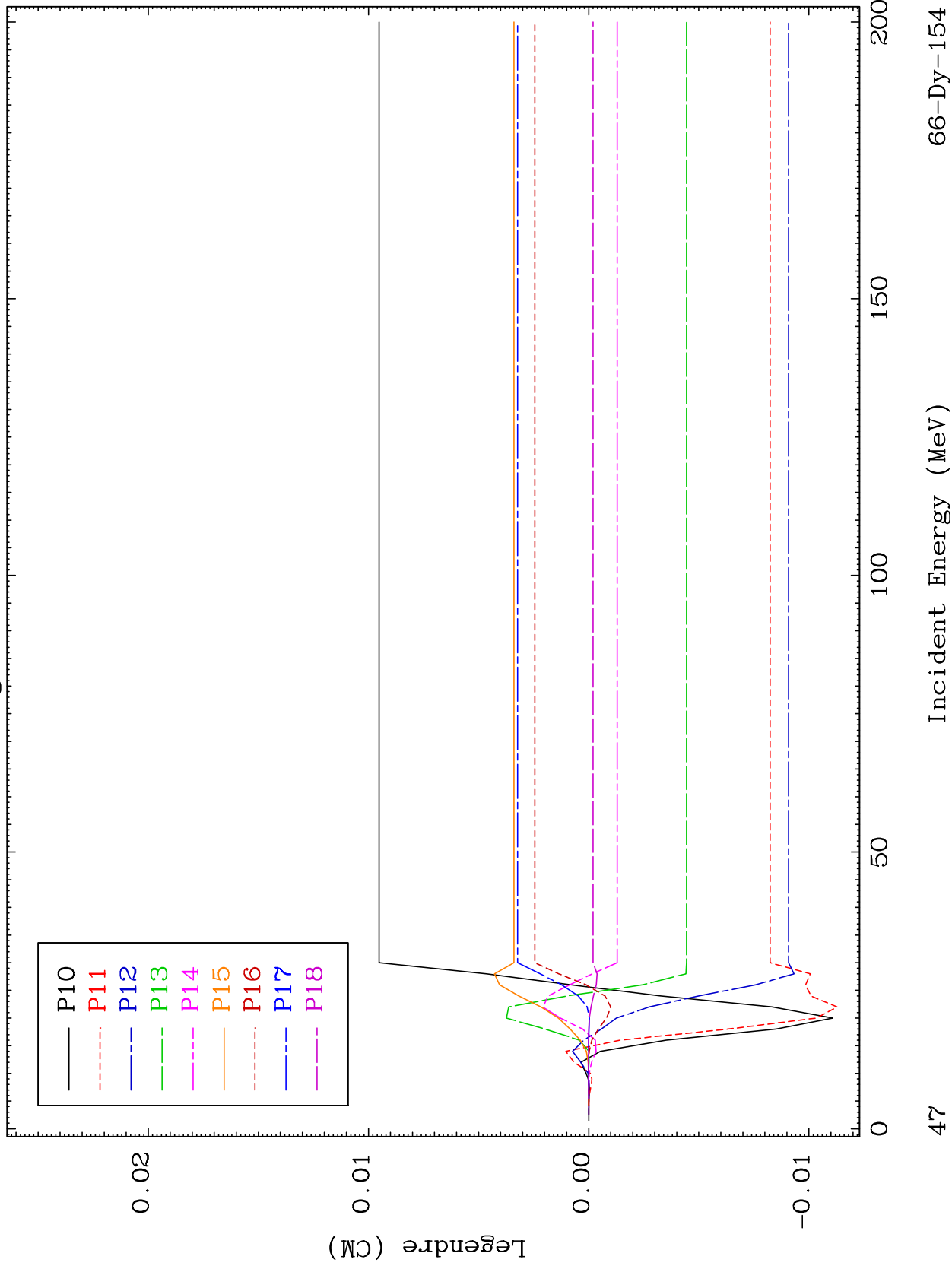
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

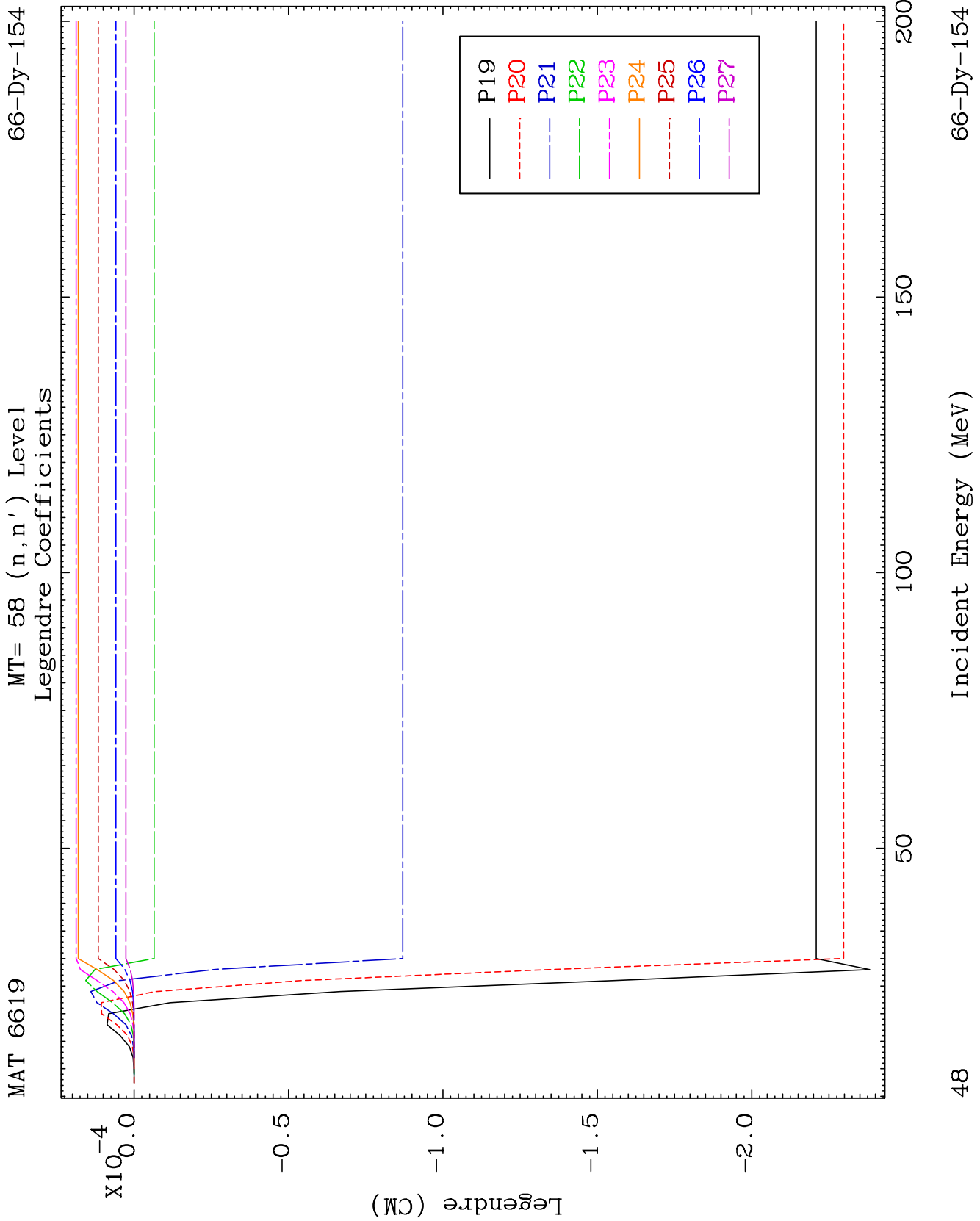
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47

Incident Energy (MeV)

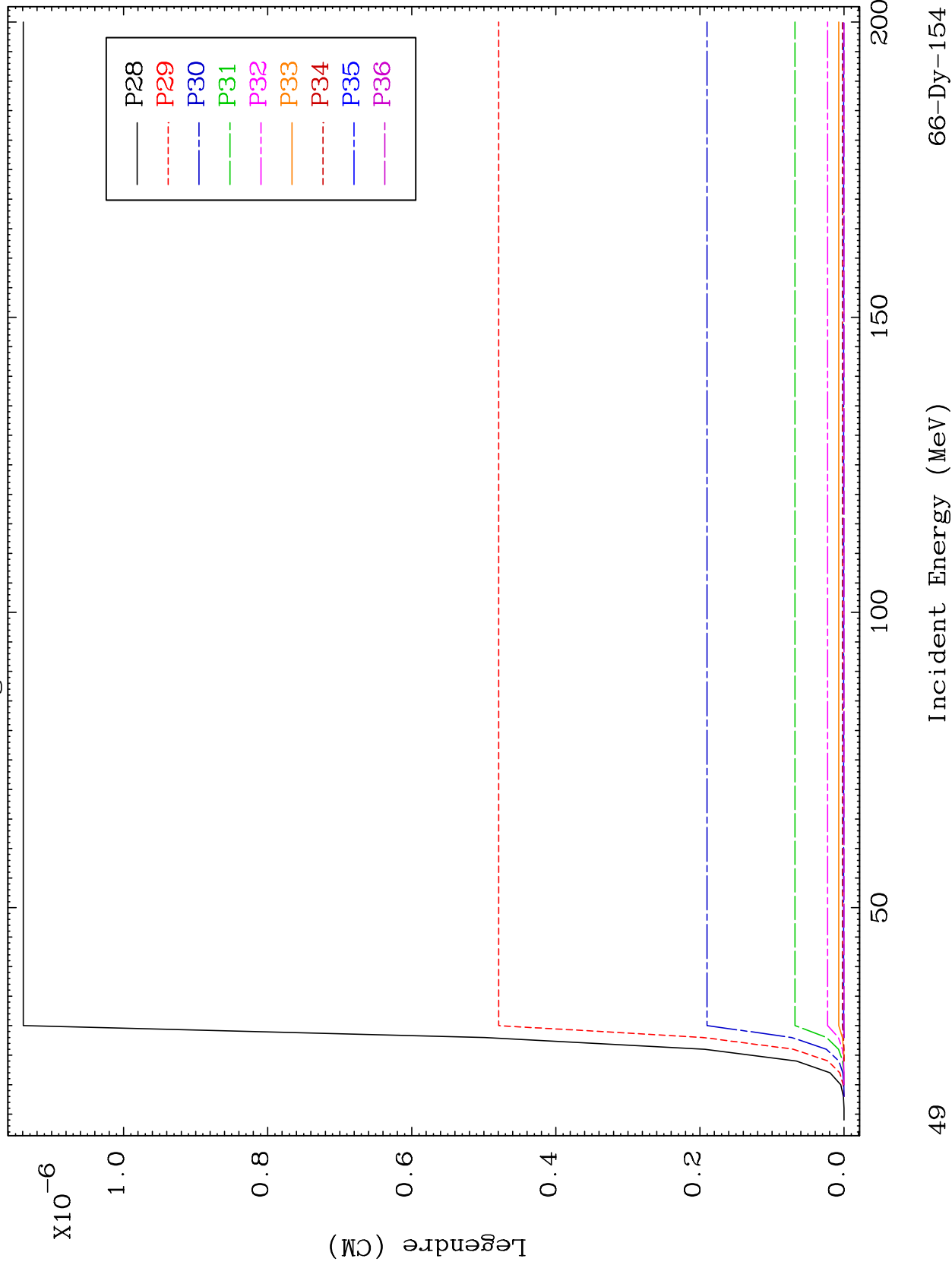
66-Dy-154



MAT 6619

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

66-Dy-154



49

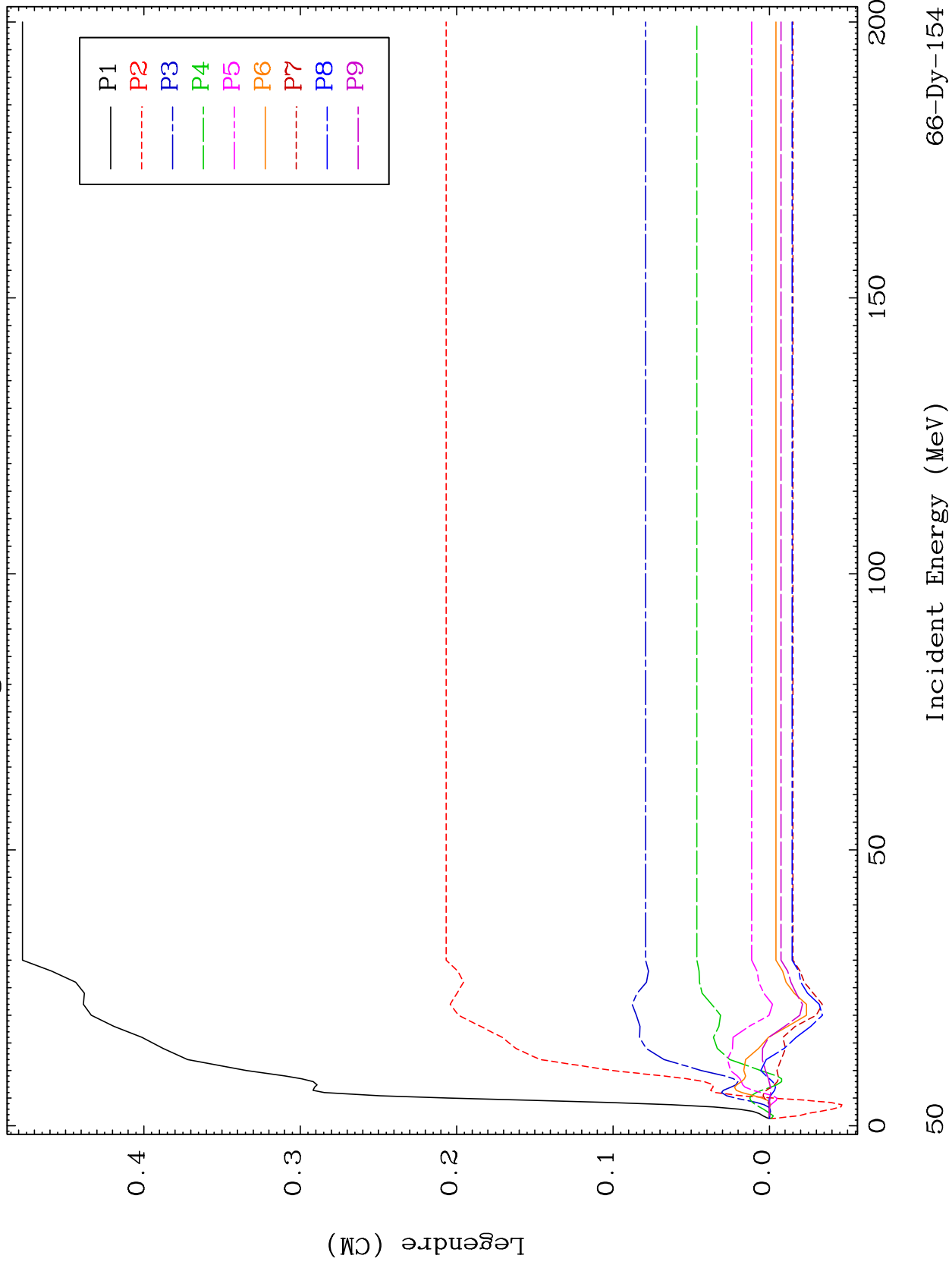
Incident Energy (MeV)

66-Dy-154

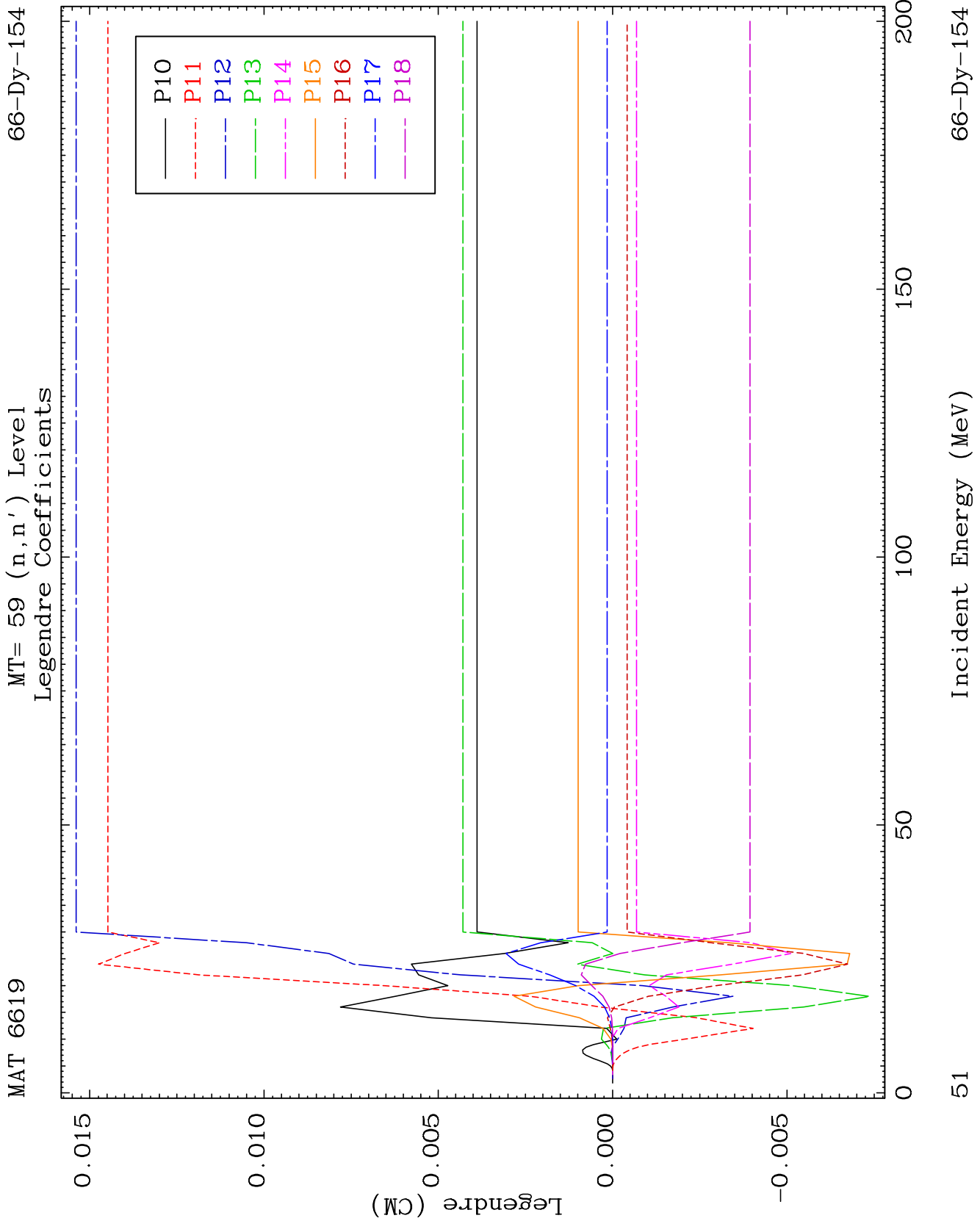
MAT 6619

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

66-Dy-154



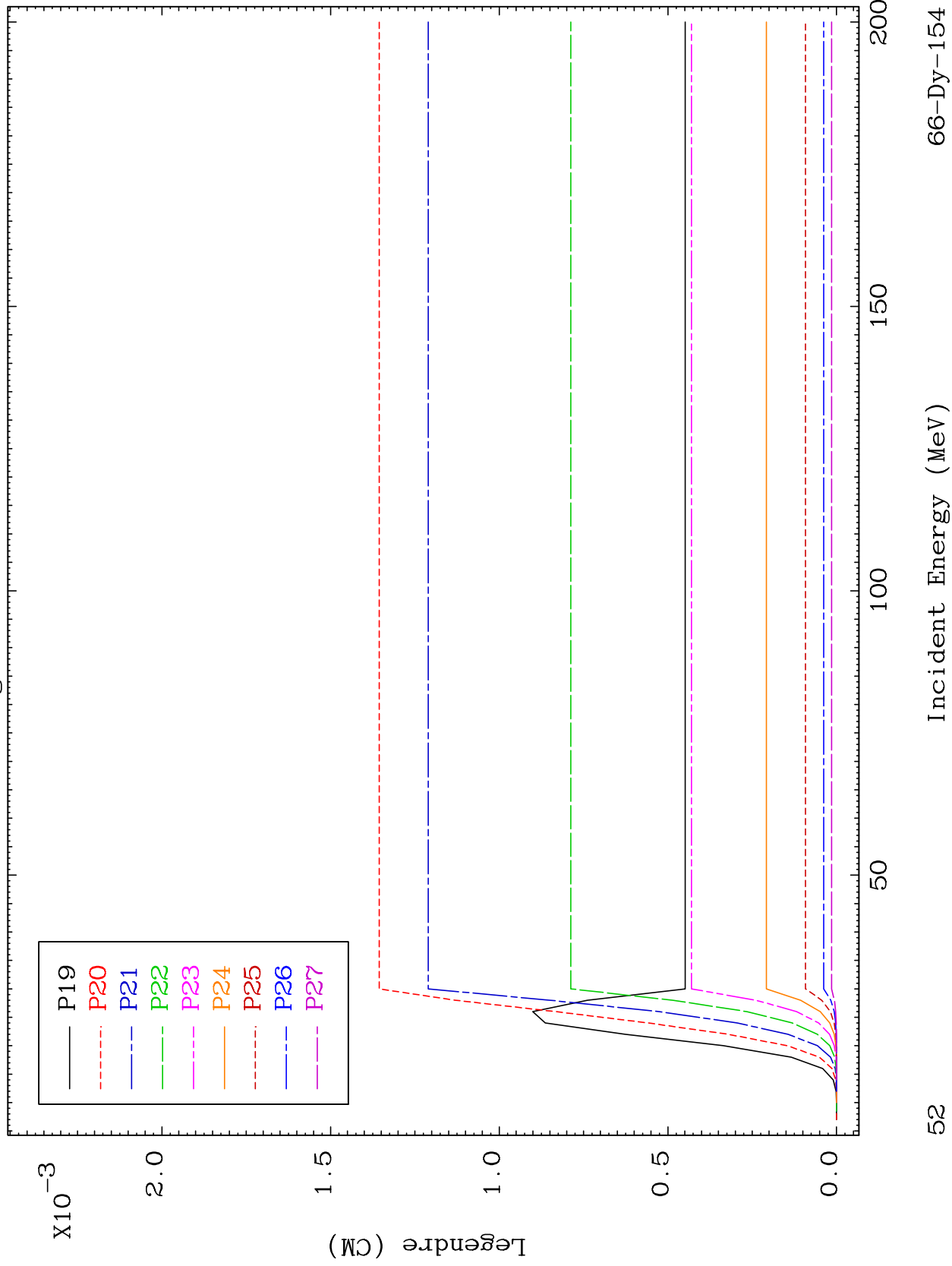
66-Dy-154



MAT 6619

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

66-Dy-154



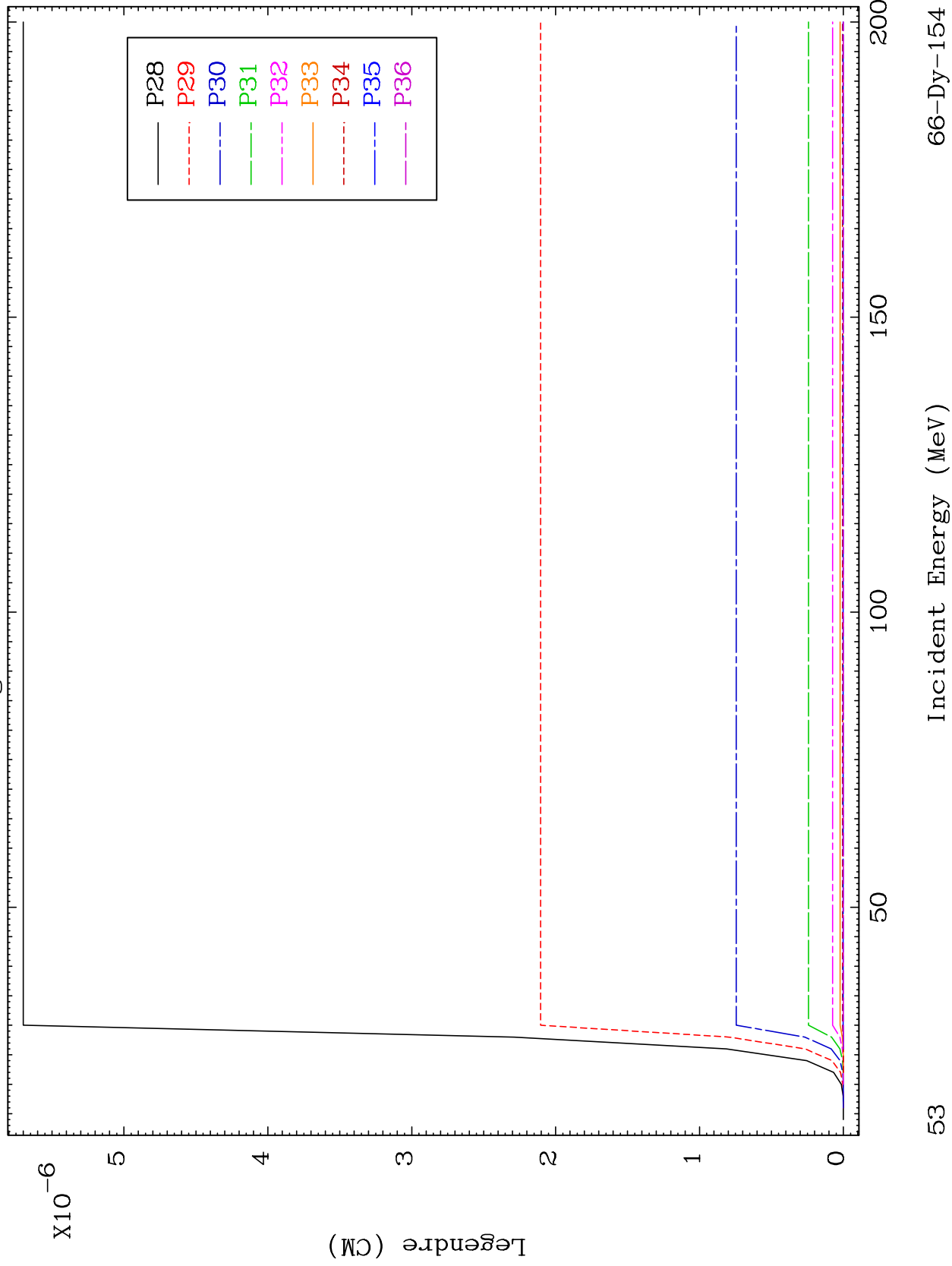
52

200

MAT 6619

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

66-Dy-154



53

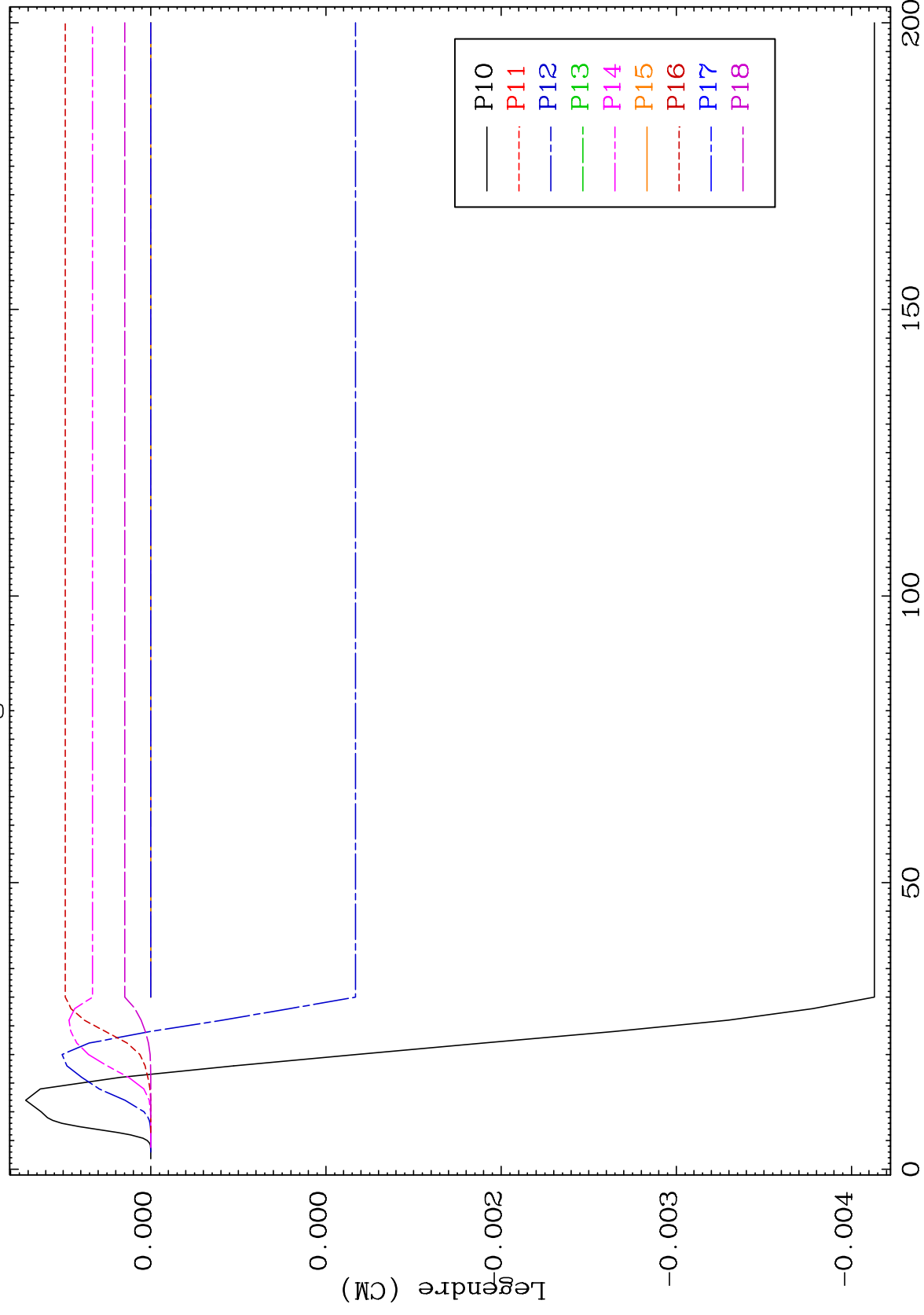
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

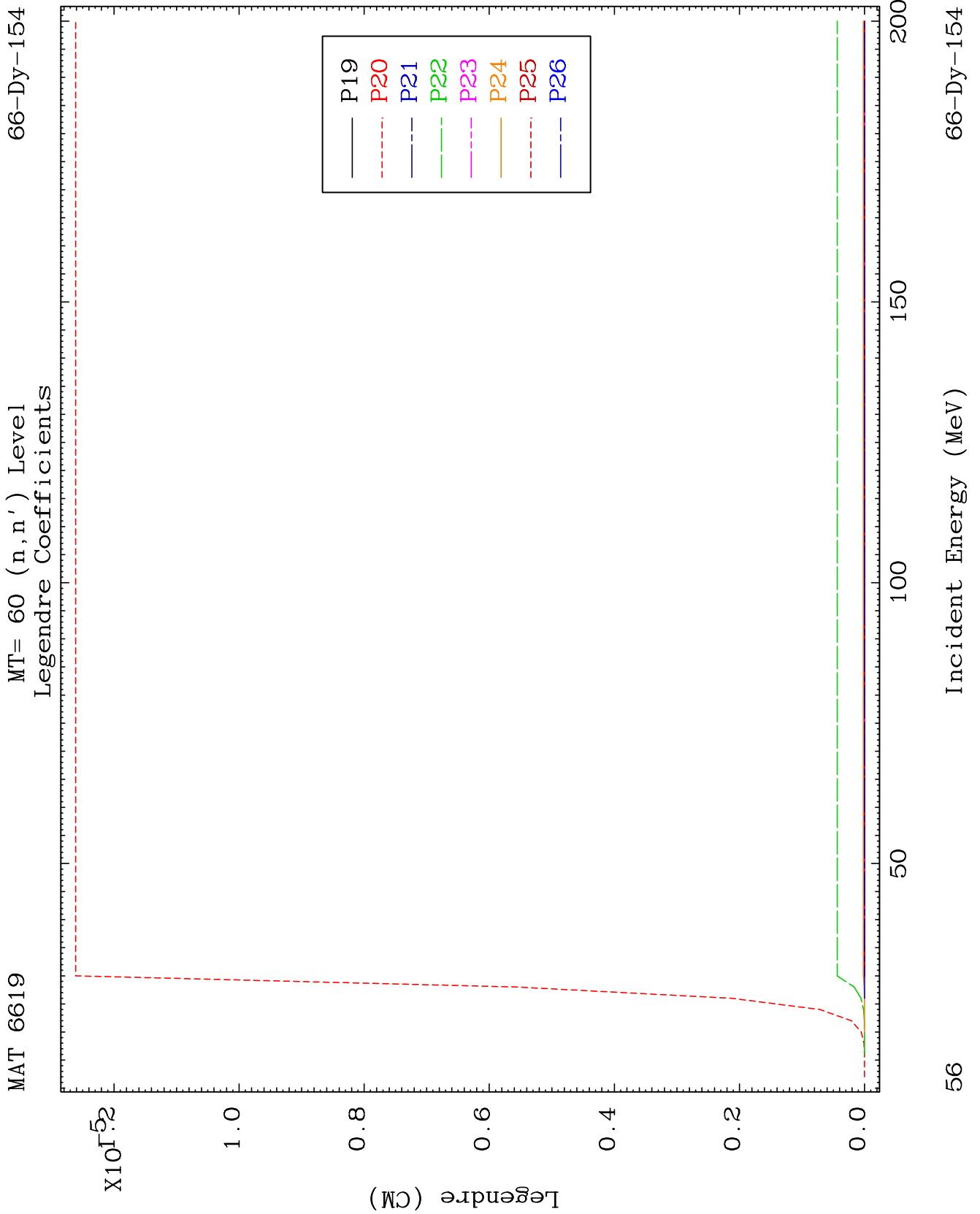
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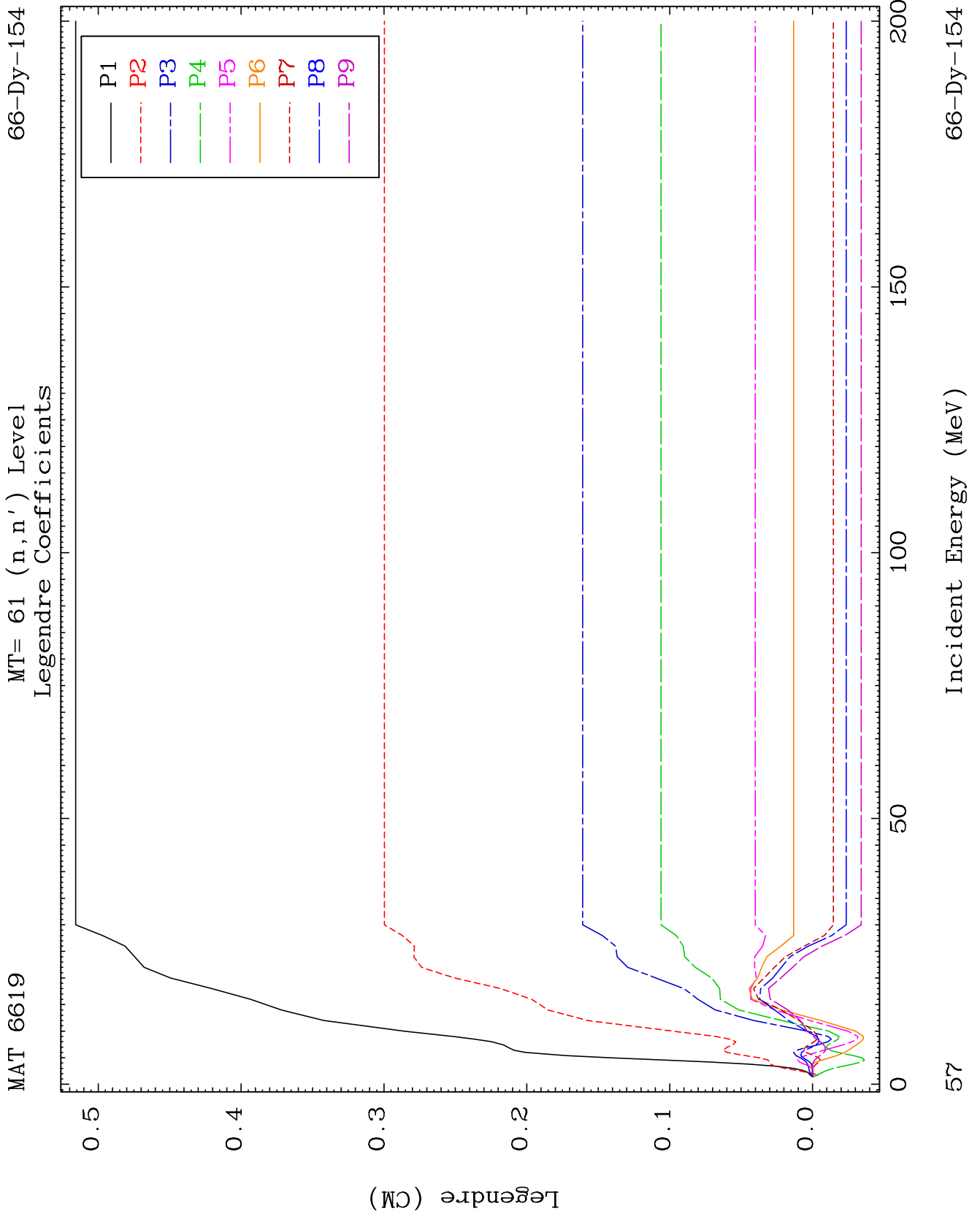


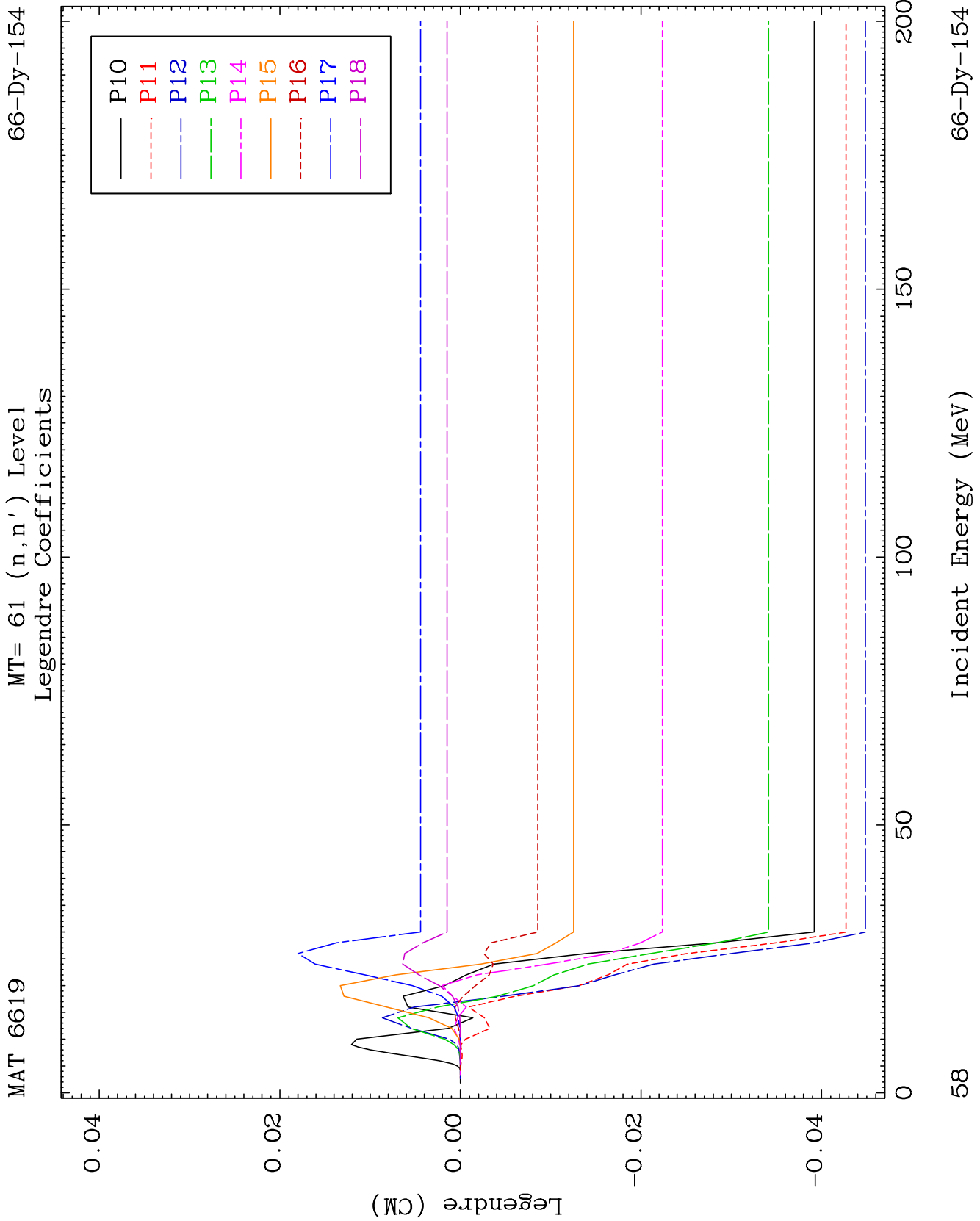
55

Incident Energy (MeV)

66-Dy-154



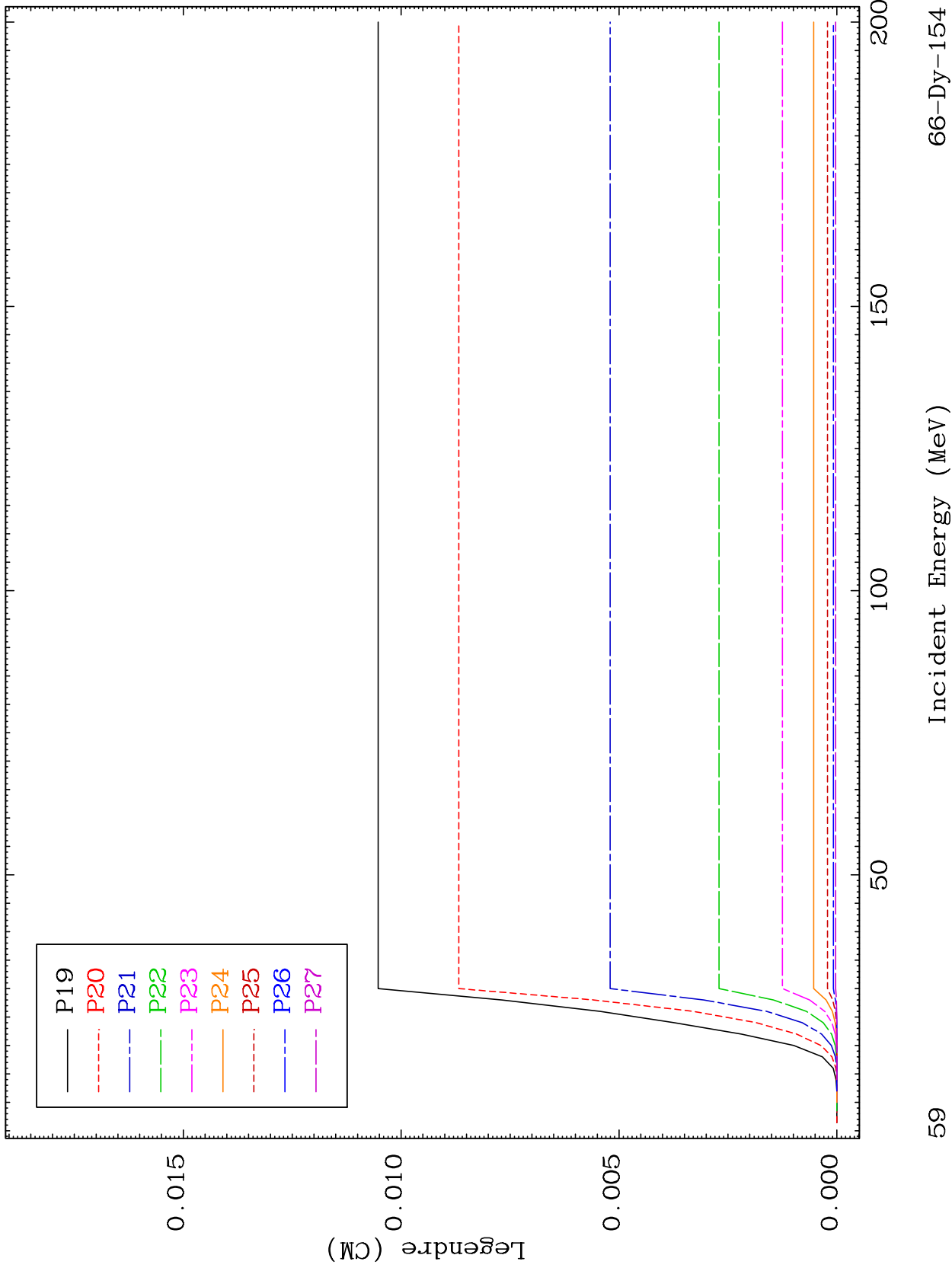




MAT 6619

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

66-Dy-154



59

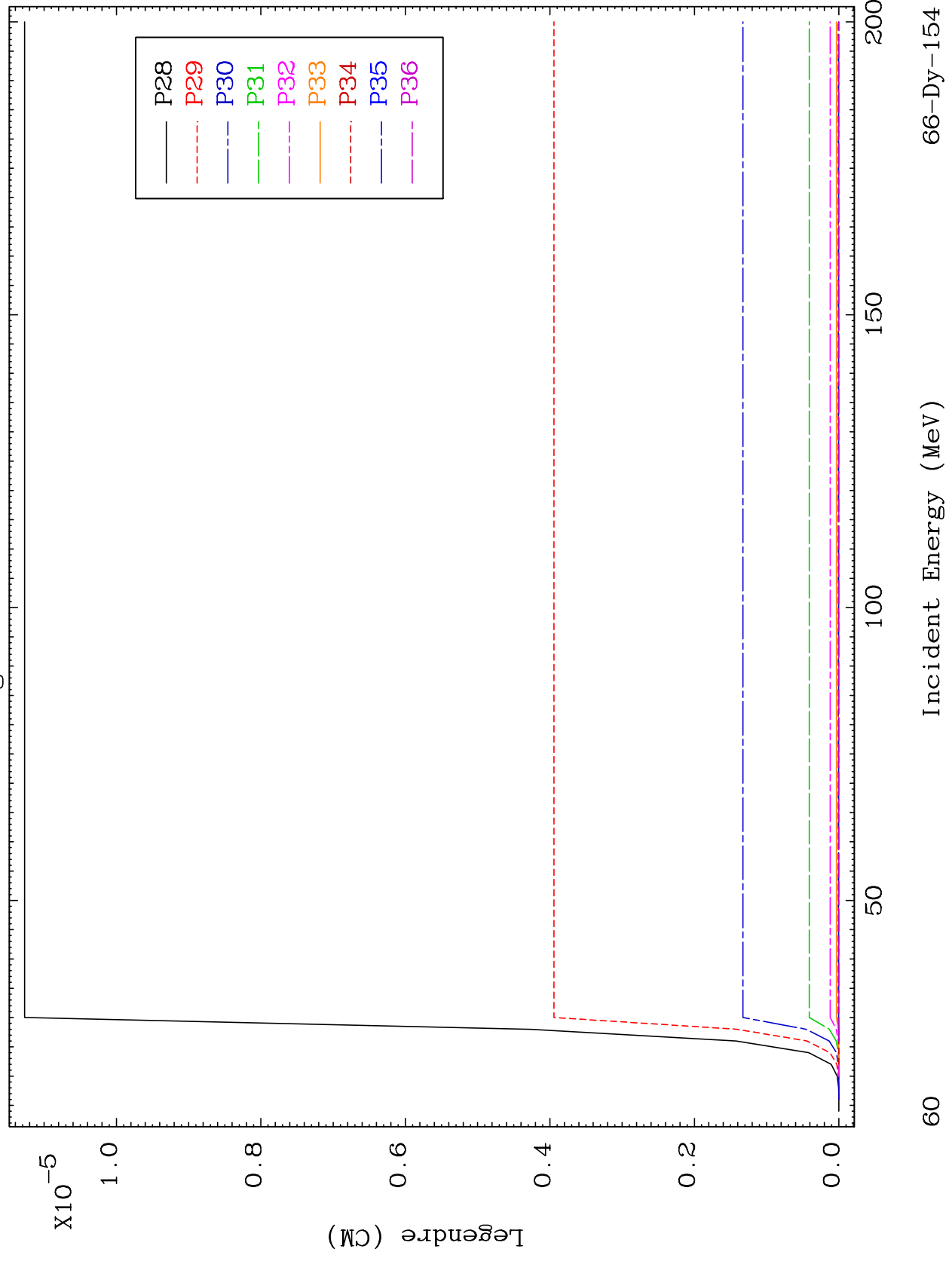
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

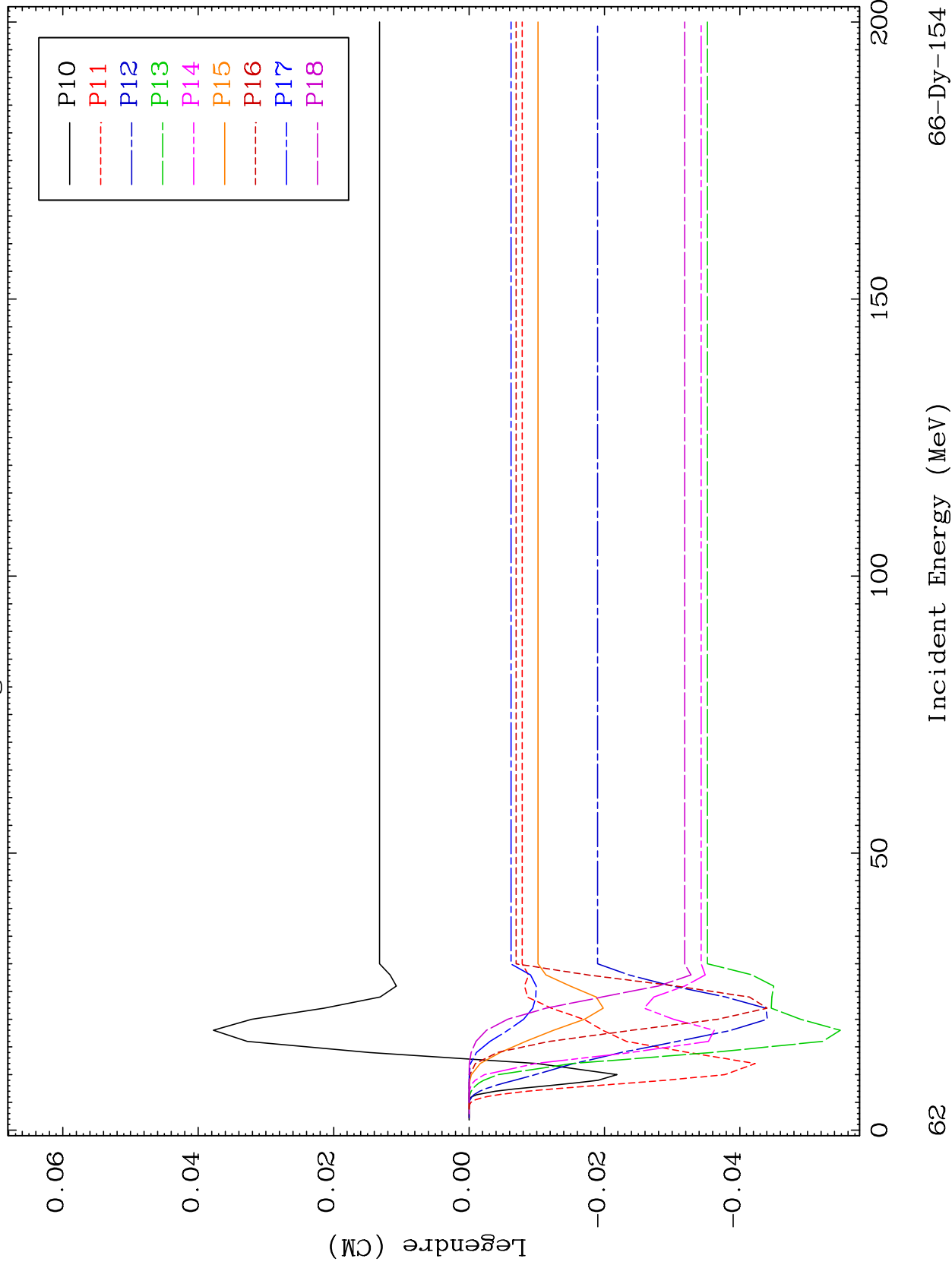
66-Dy-154



MAT 6619

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

66-Dy-154



66-Dy-154

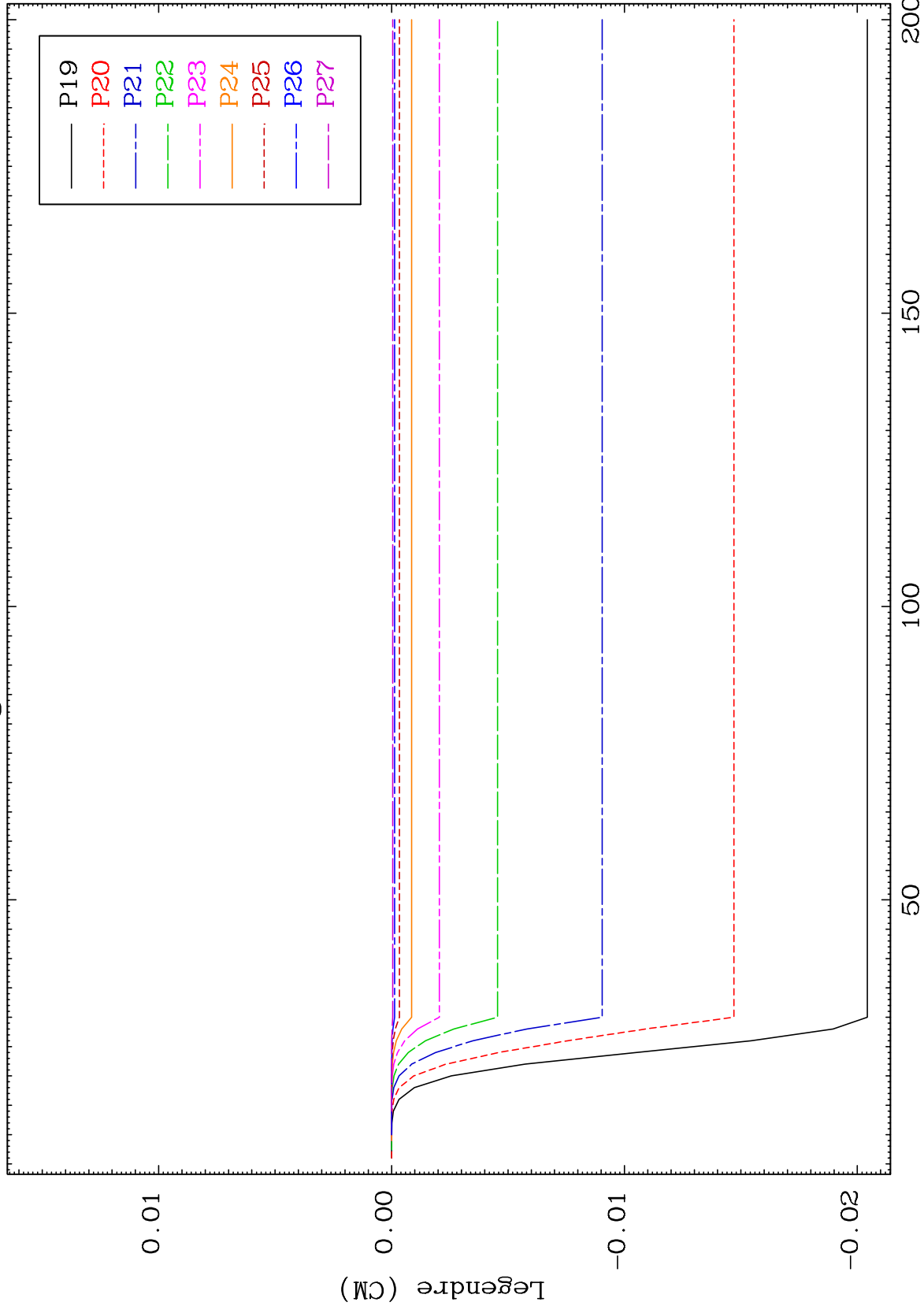
Incident Energy (MeV)

62

MAT 6619

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

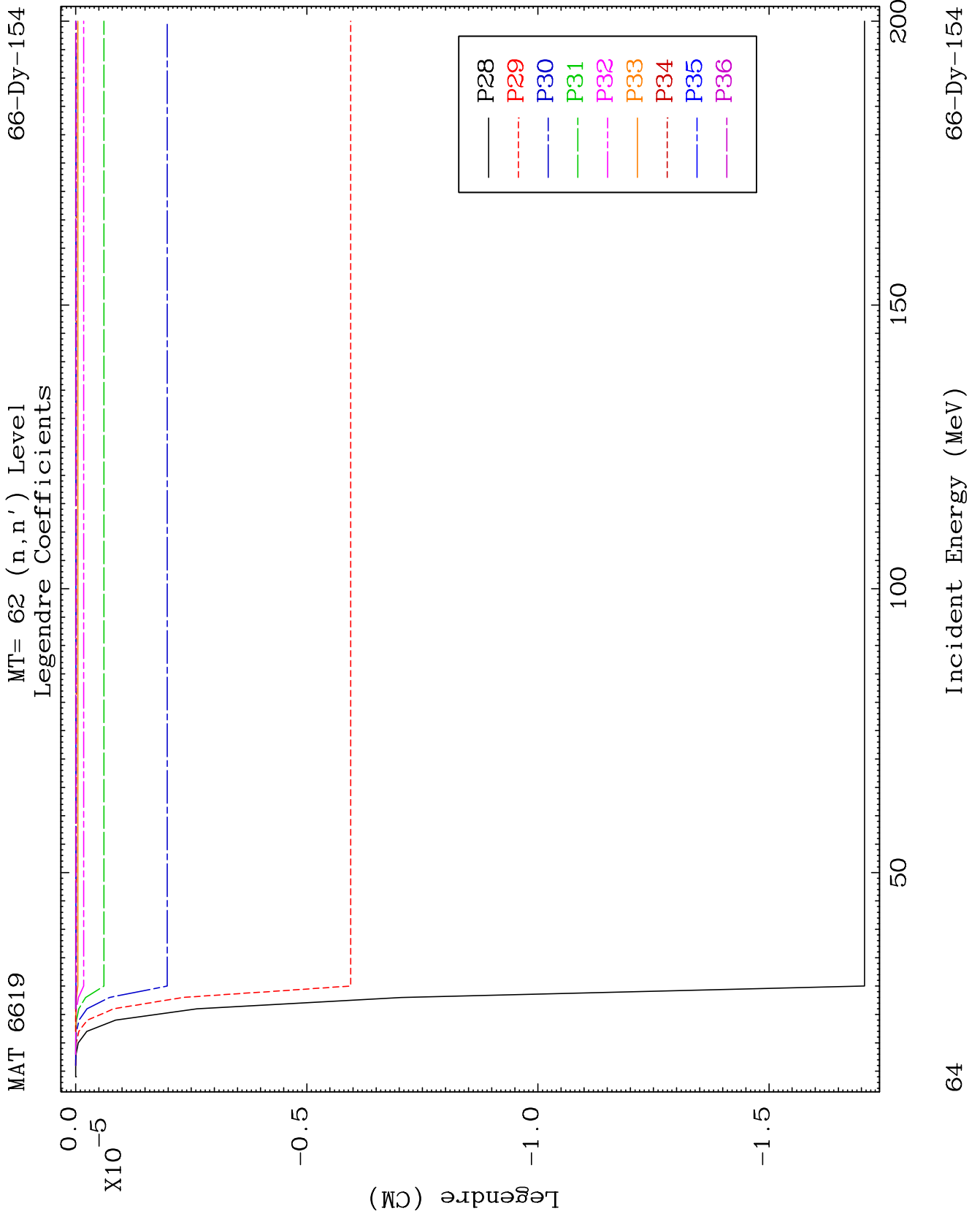
66-Dy-154



63

Incident Energy (MeV)

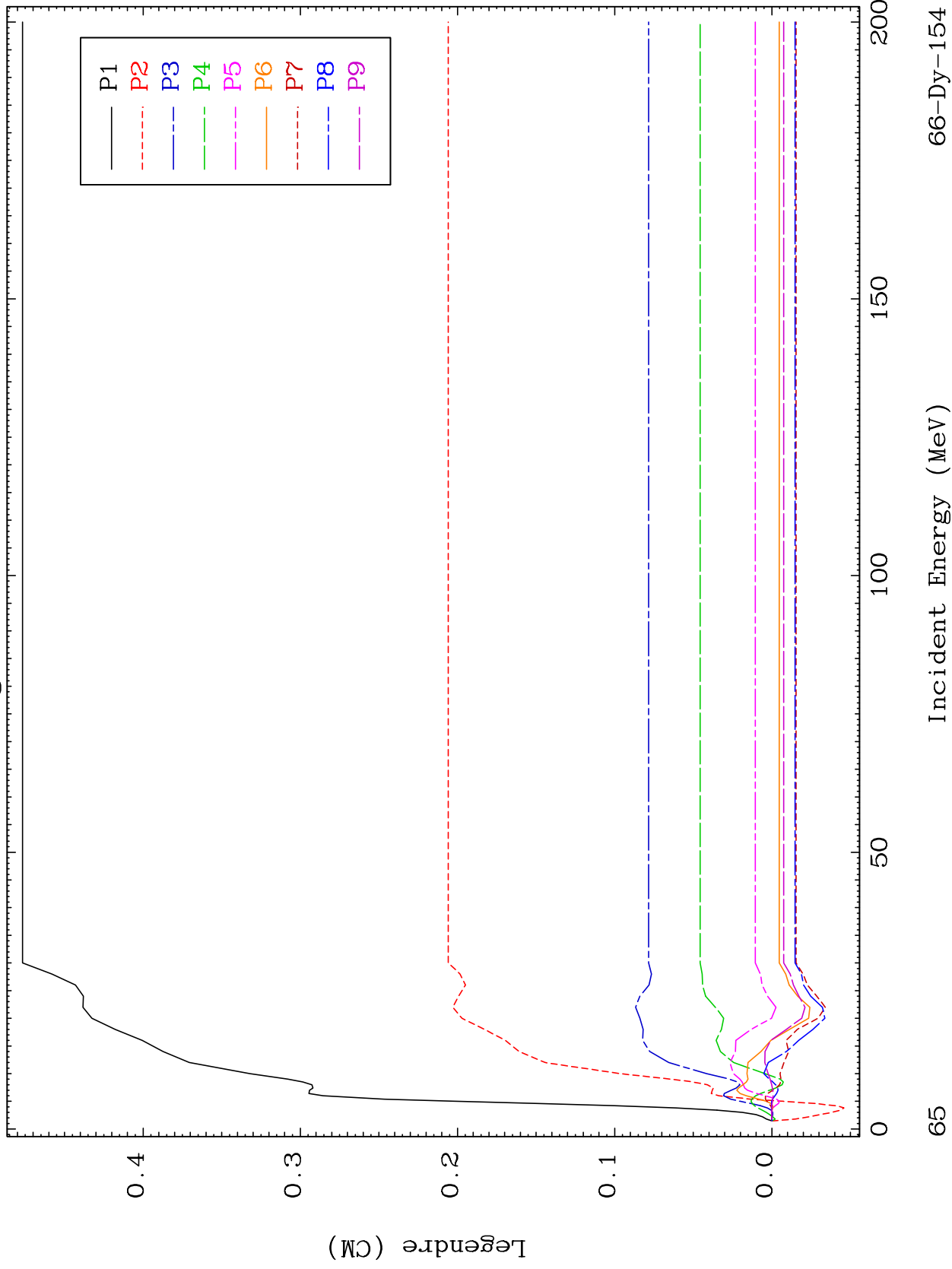
66-Dy-154



MAT 6619

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

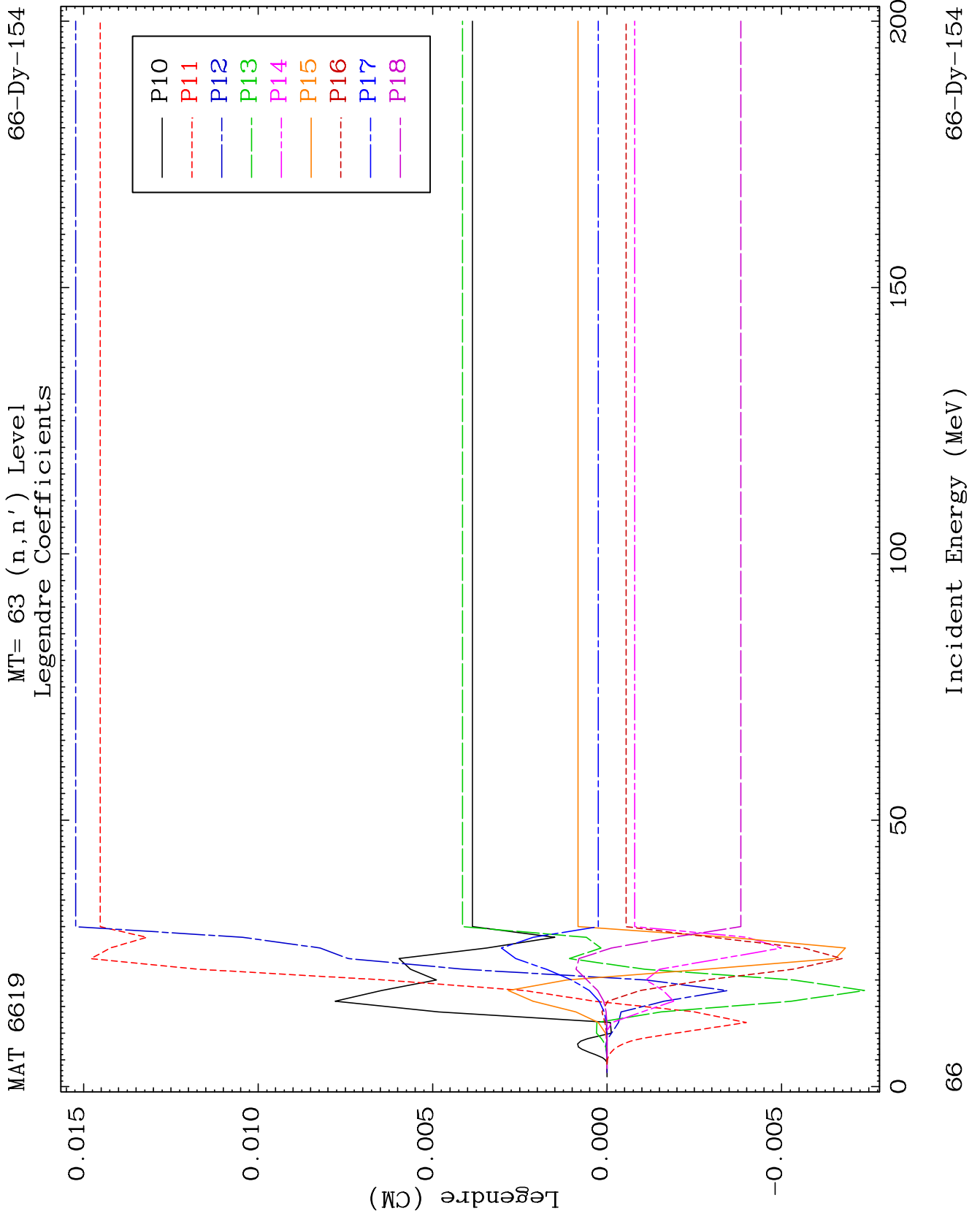
66-Dy-154



66-Dy-154

Incident Energy (MeV)

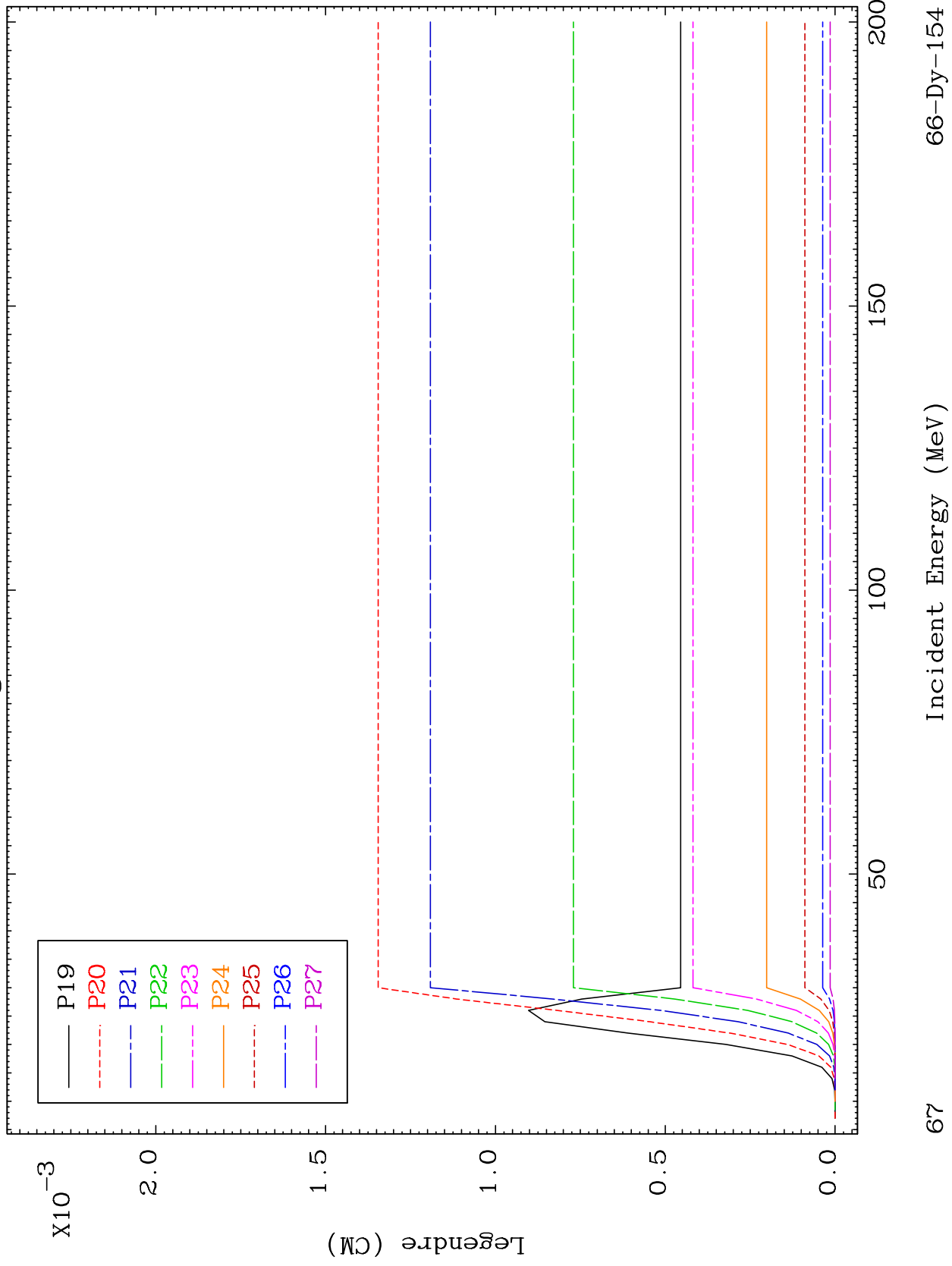
65



MAT 6619

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

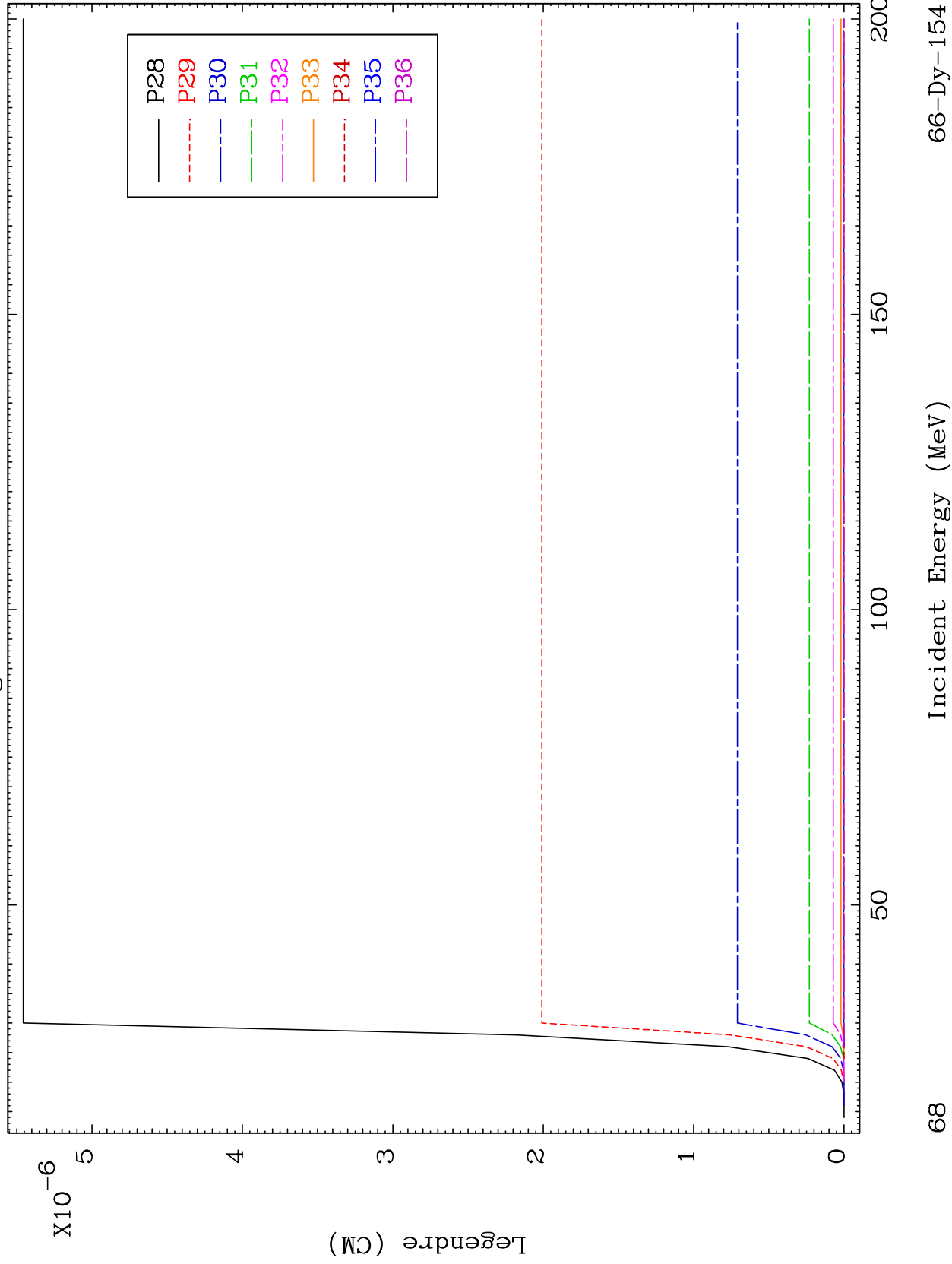
66-Dy-154



MAT 6619

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

66-Dy-154



68

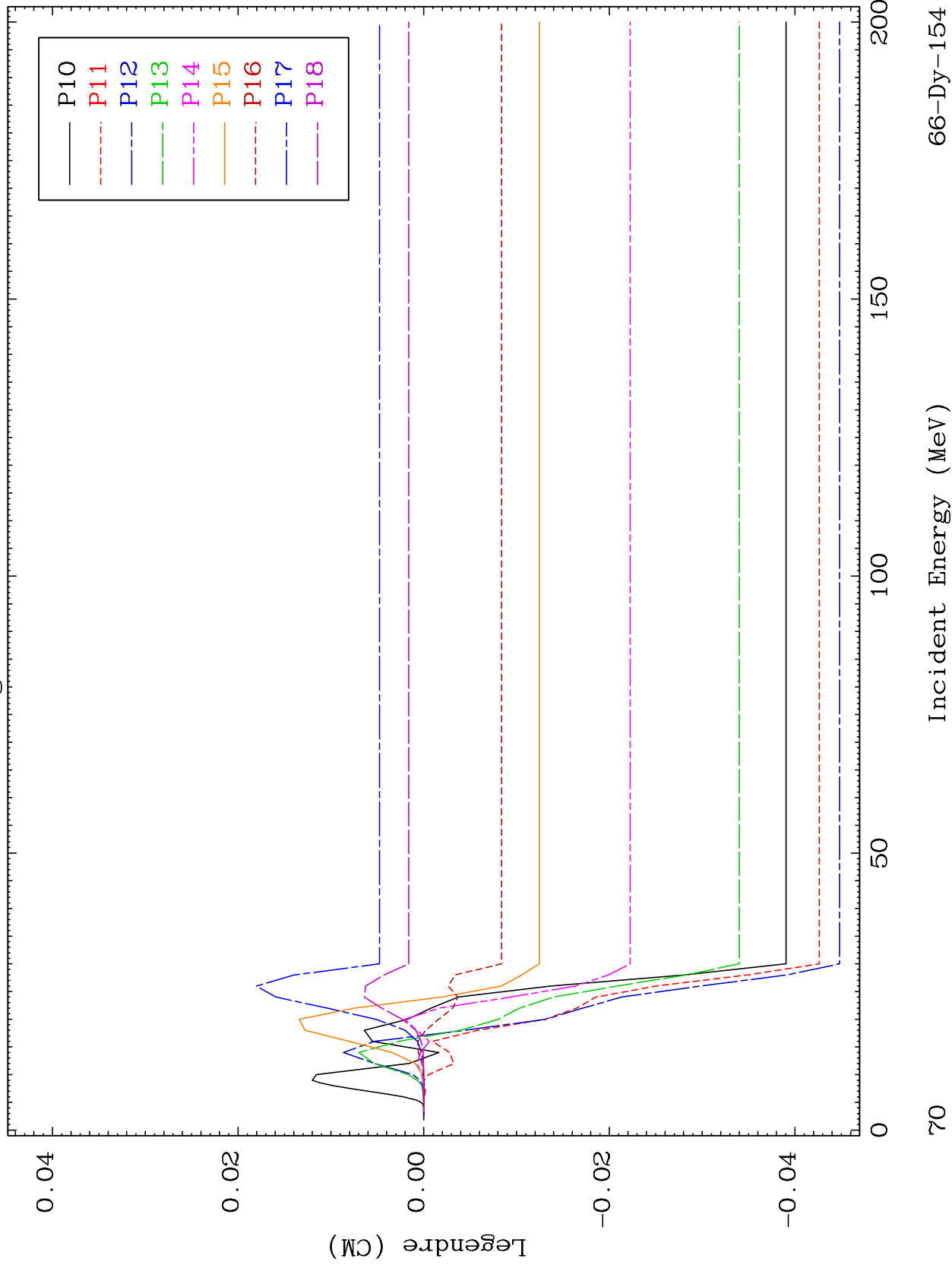
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



66-Dy-154

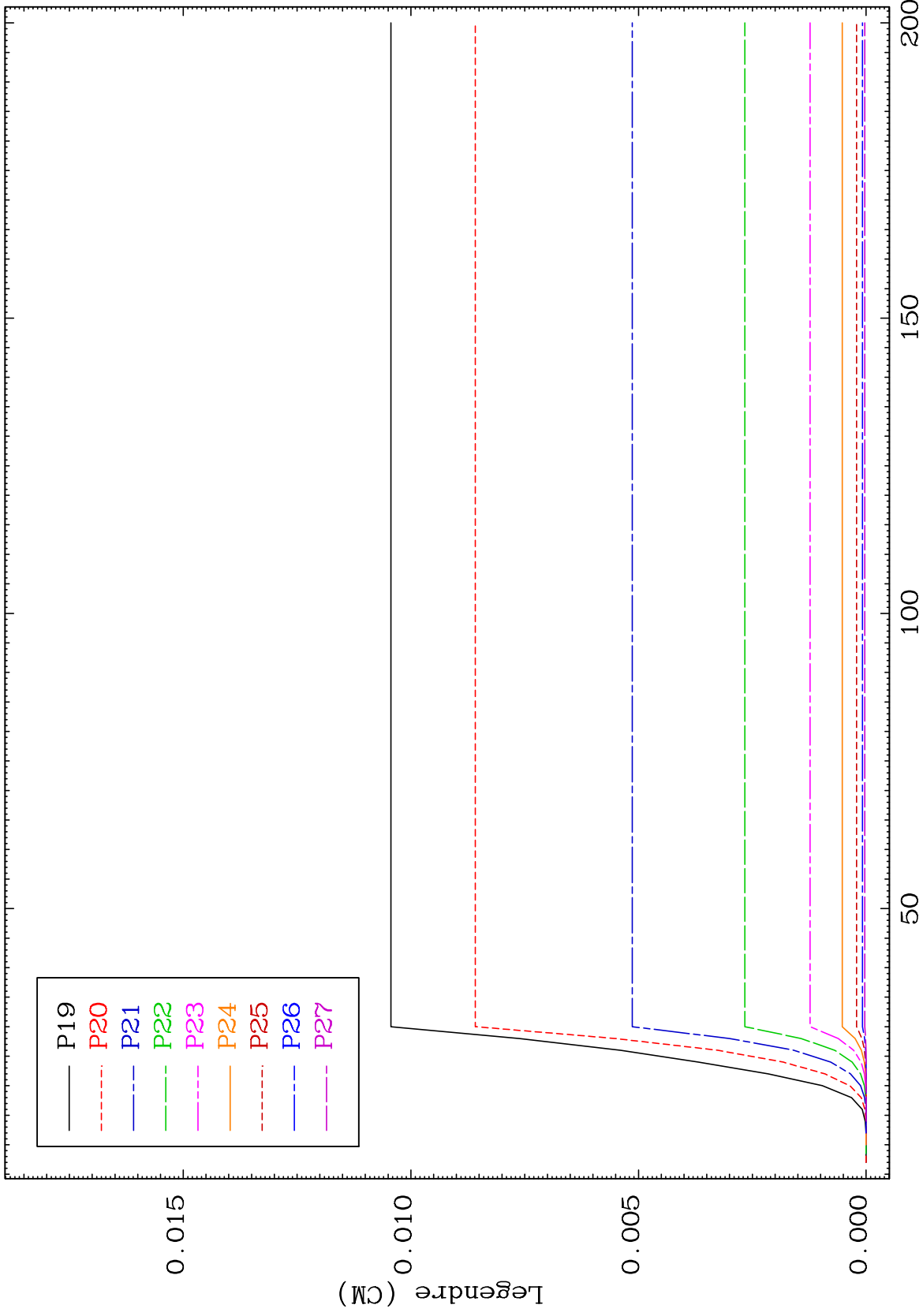
Incident Energy (MeV)

70

MAT 6619

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

66-Dy-154



71

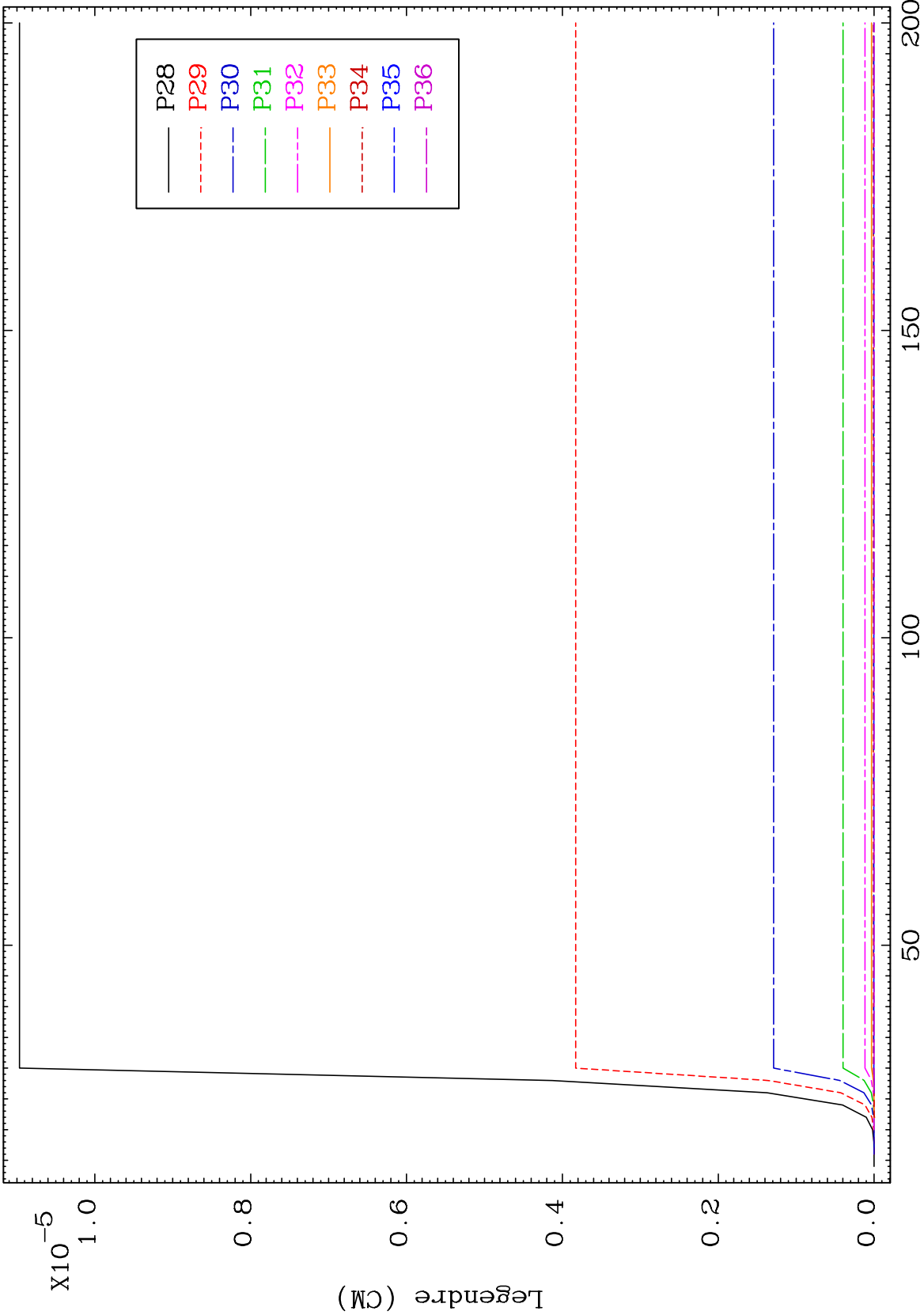
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



72

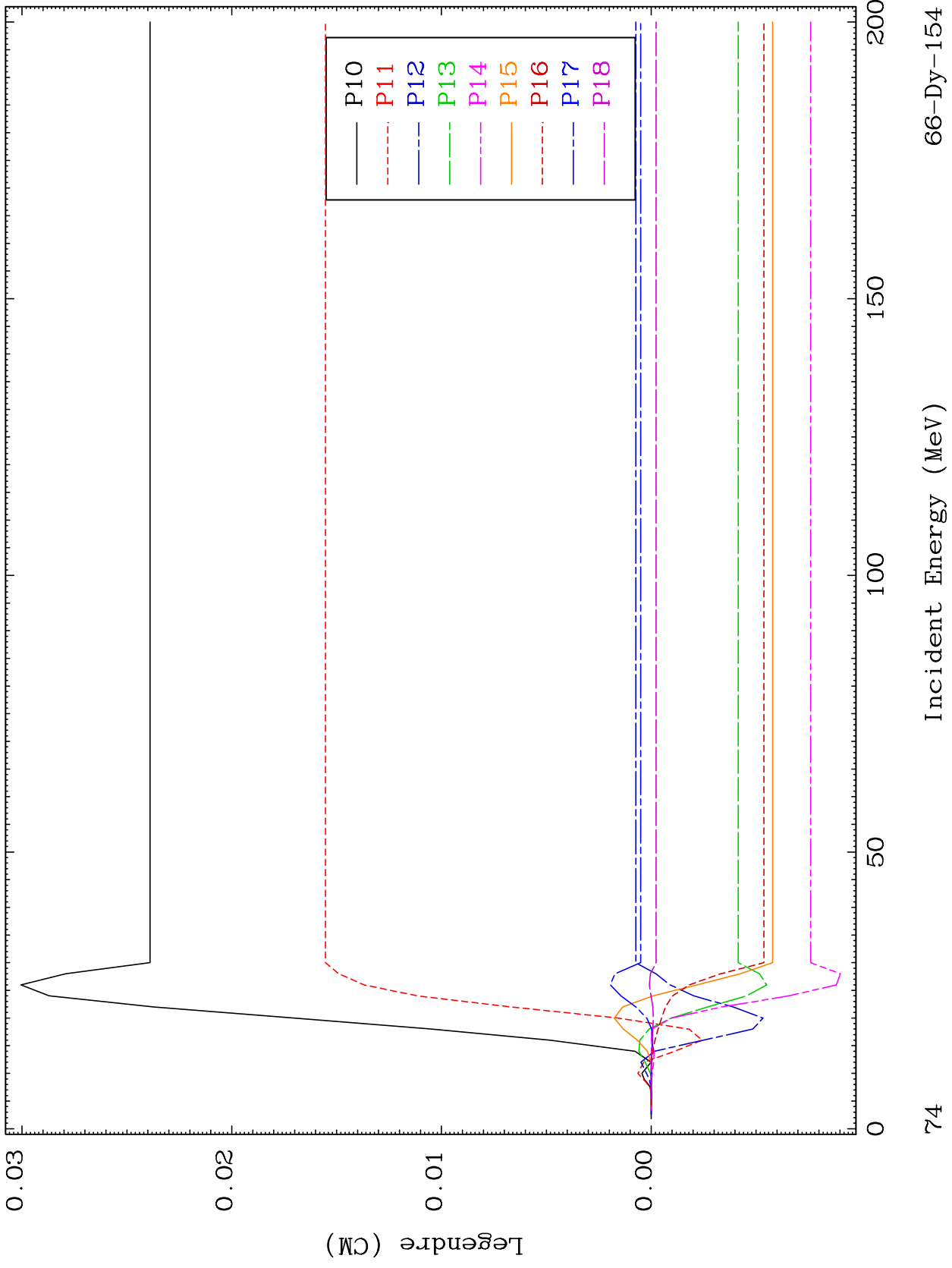
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

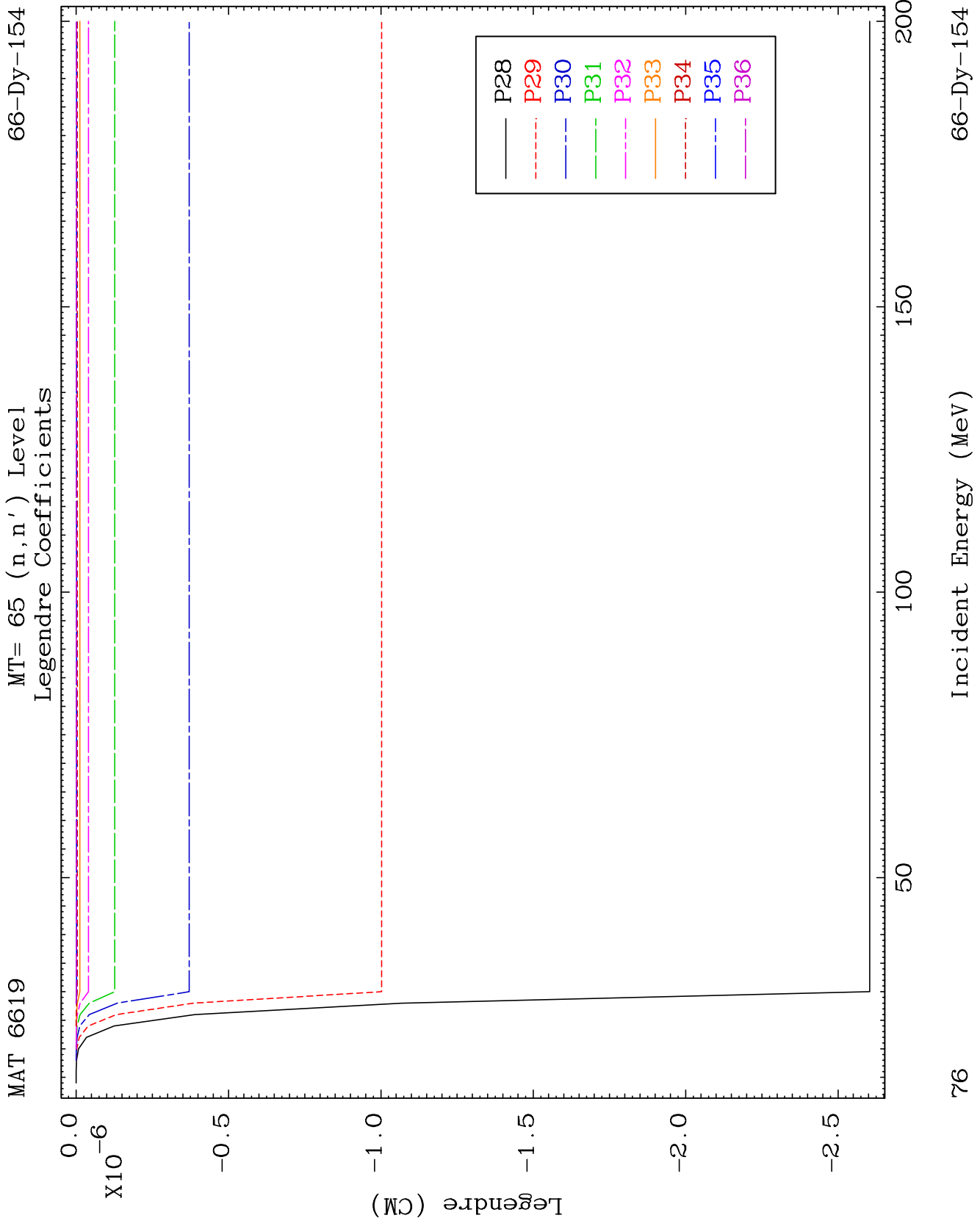
66-Dy-154



74

Incident Energy (MeV)

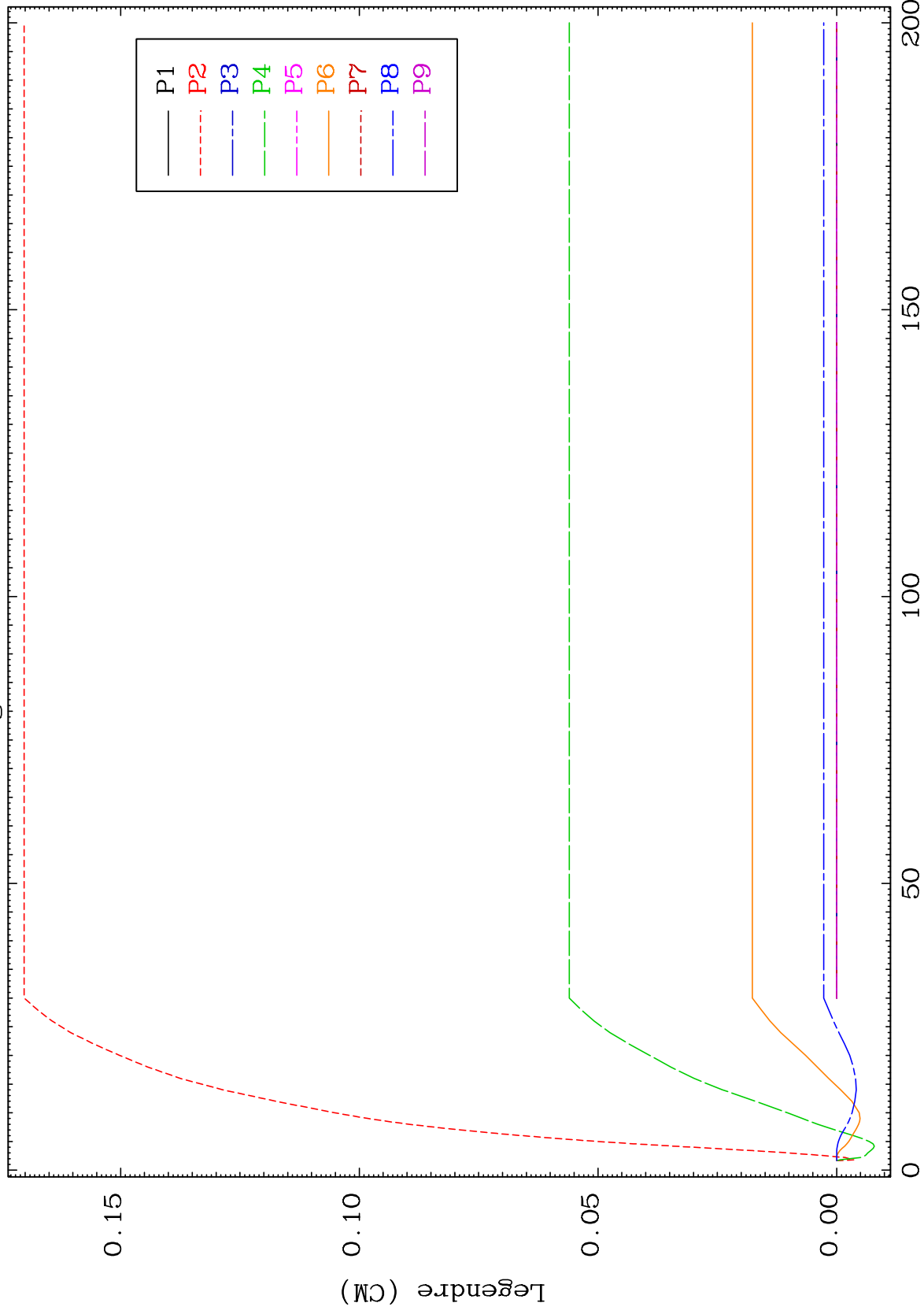
66-Dy-154



MAT 6619

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

66-Dy-154



77

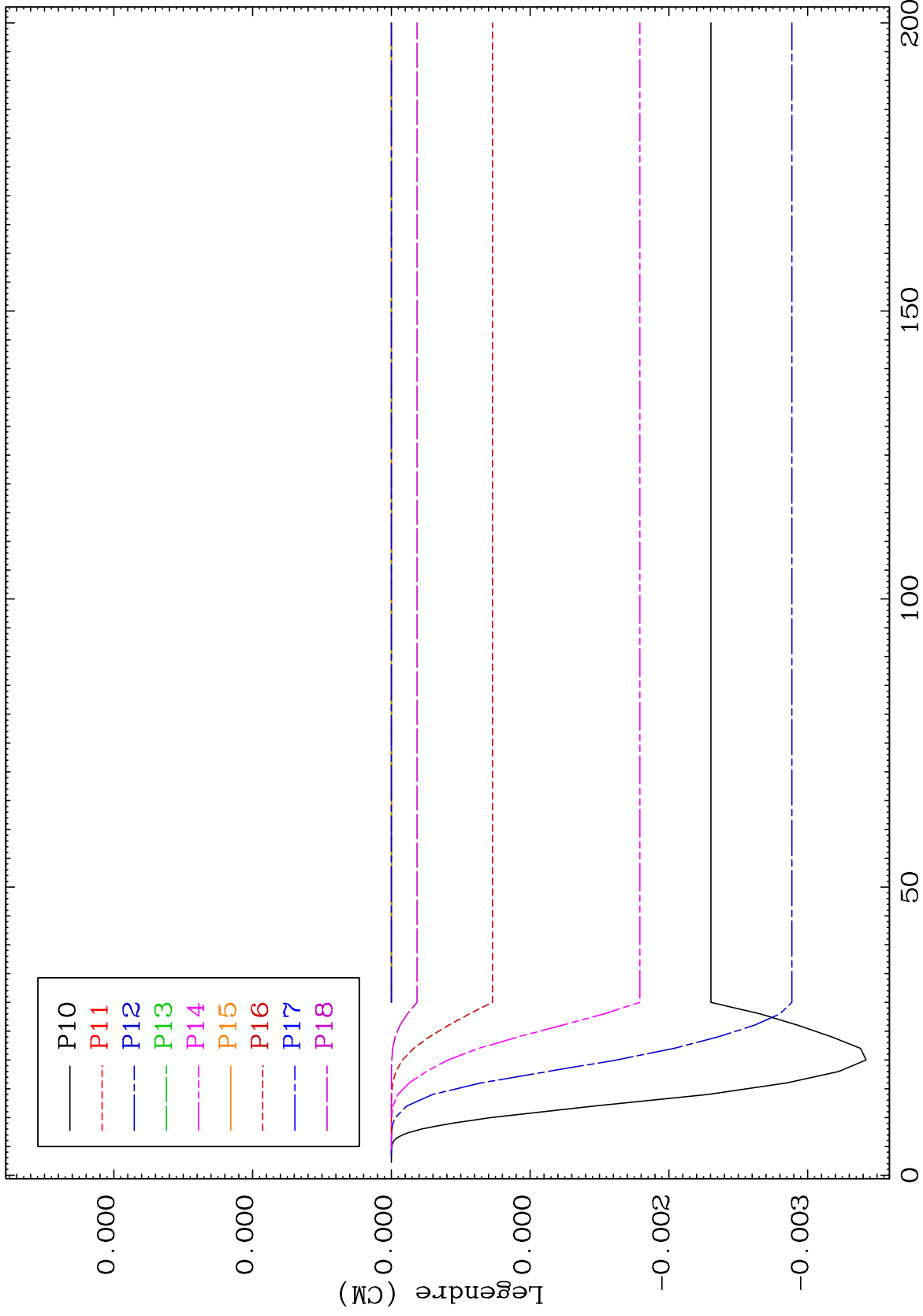
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

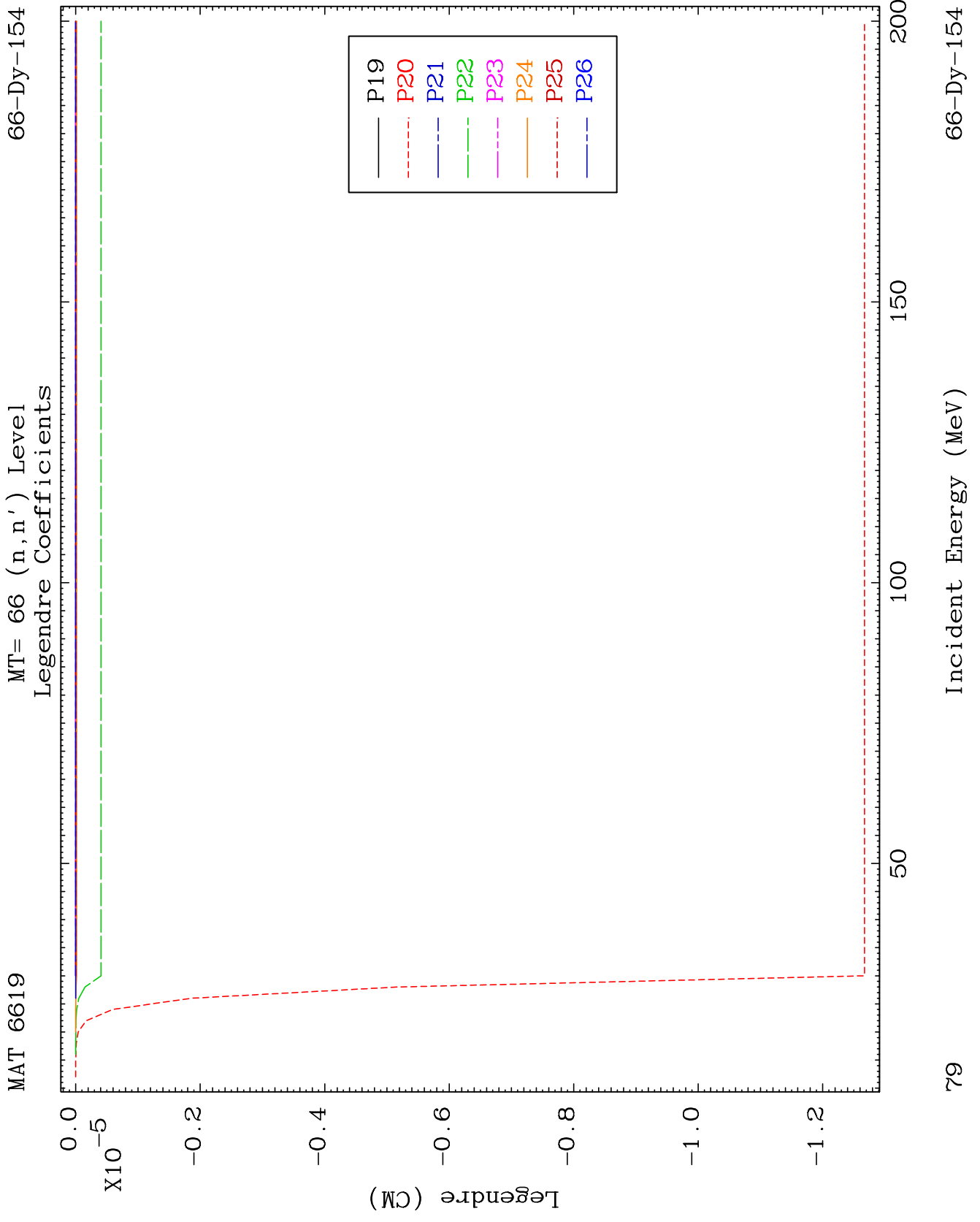
66-Dy-154



78

Incident Energy (MeV)

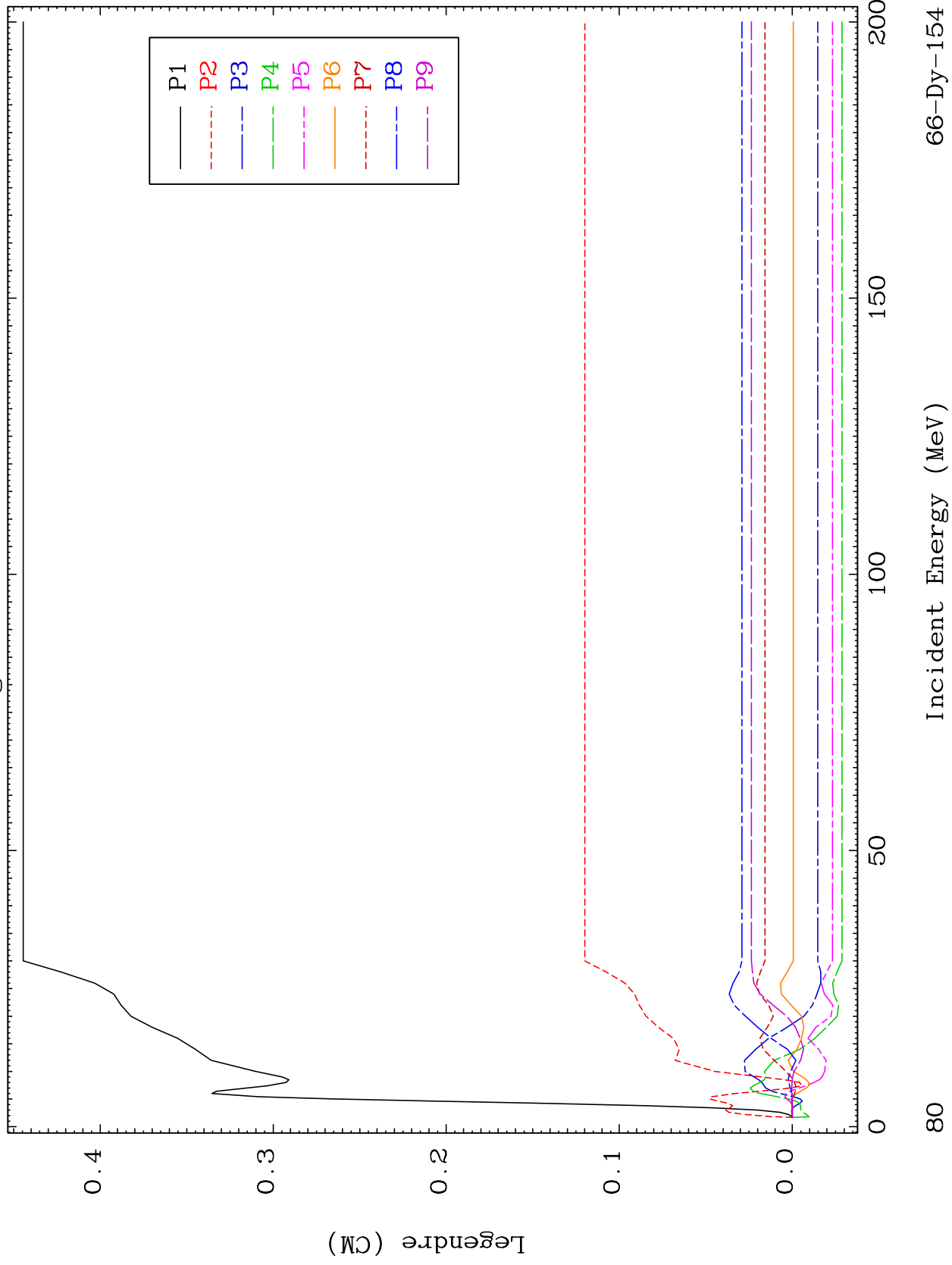
66-Dy-154



MAT 6619

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

66-Dy-154



66-Dy-154

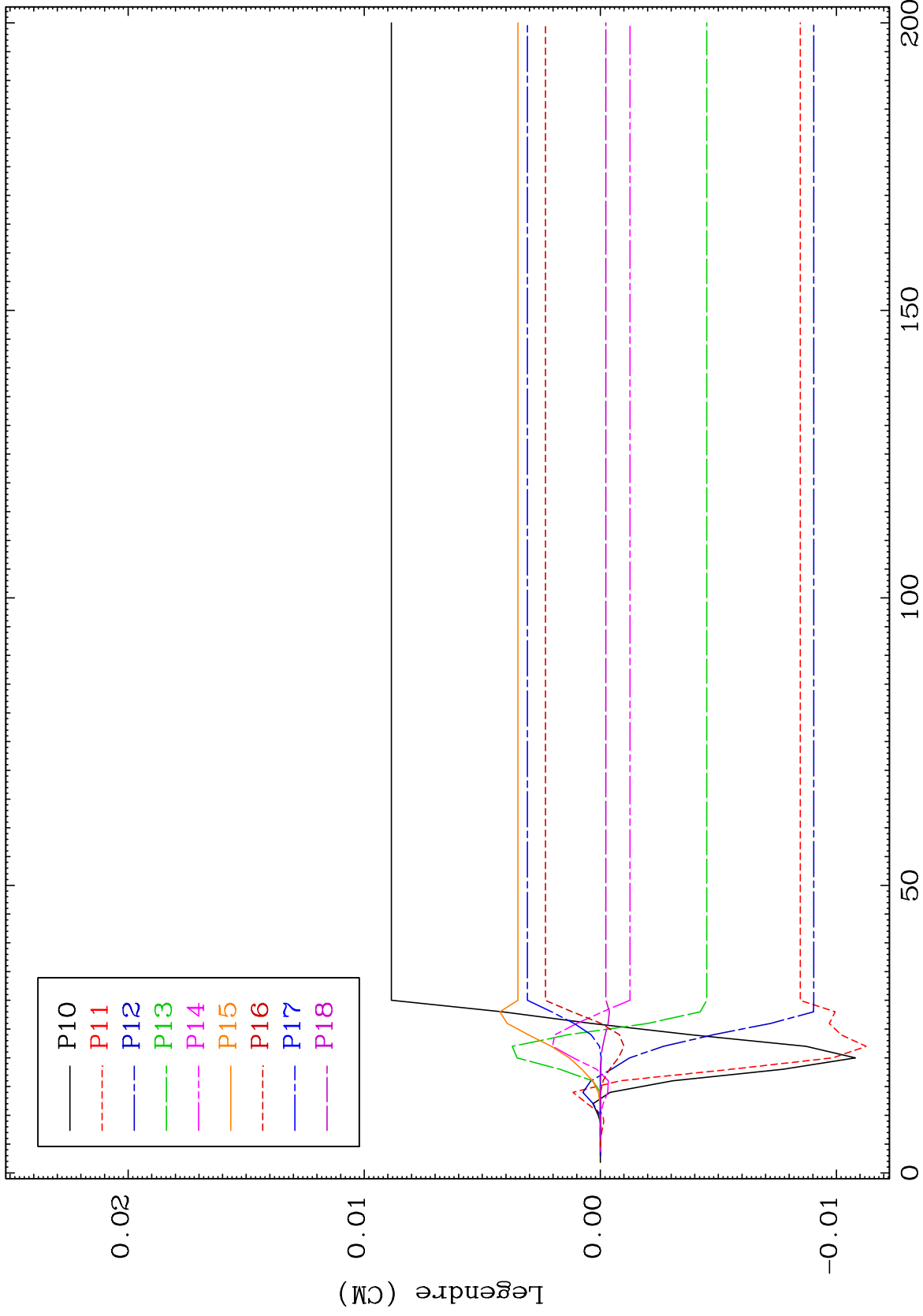
Incident Energy (MeV)

80

MAT 6619

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

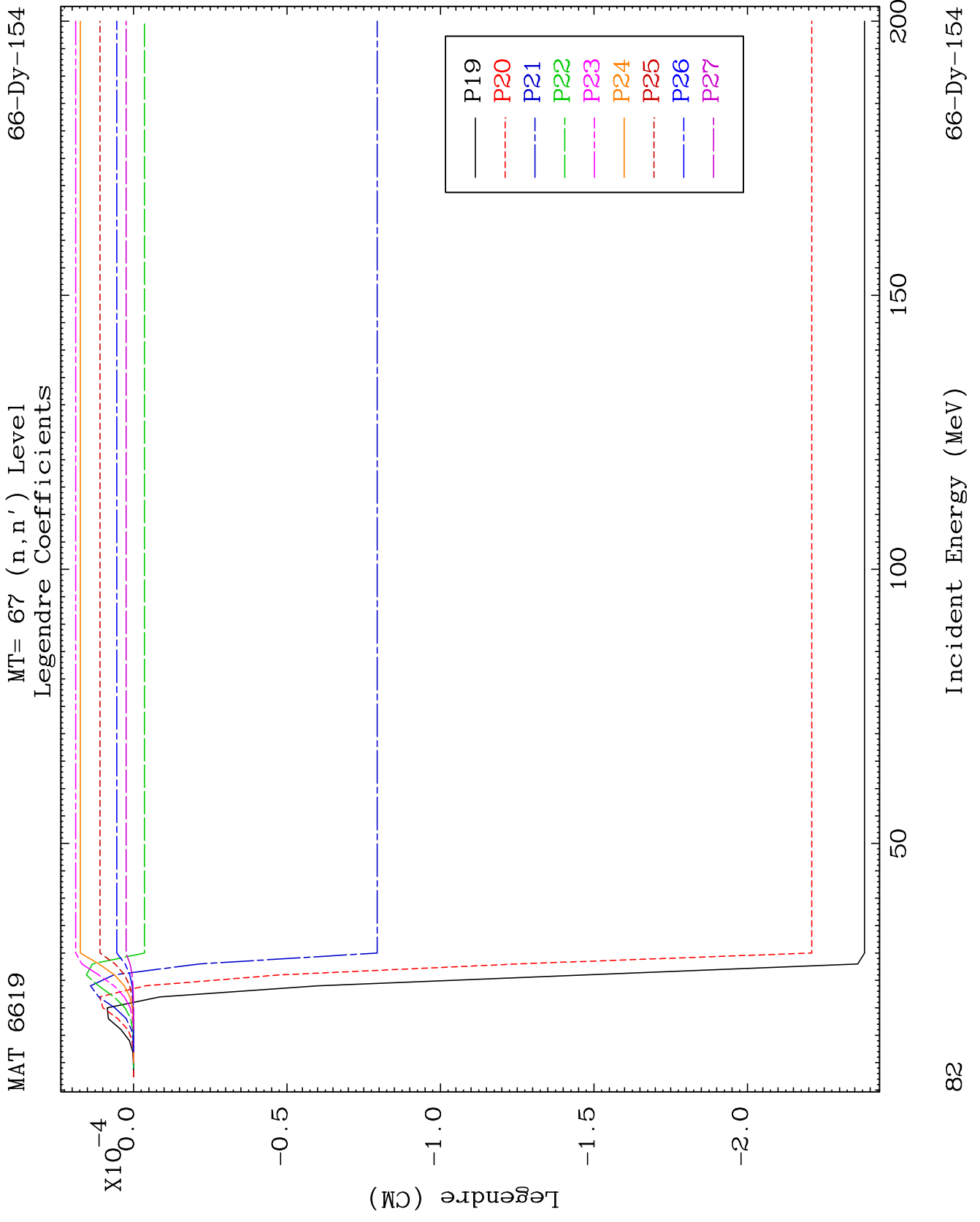
66-Dy-154



81

Incident Energy (MeV)

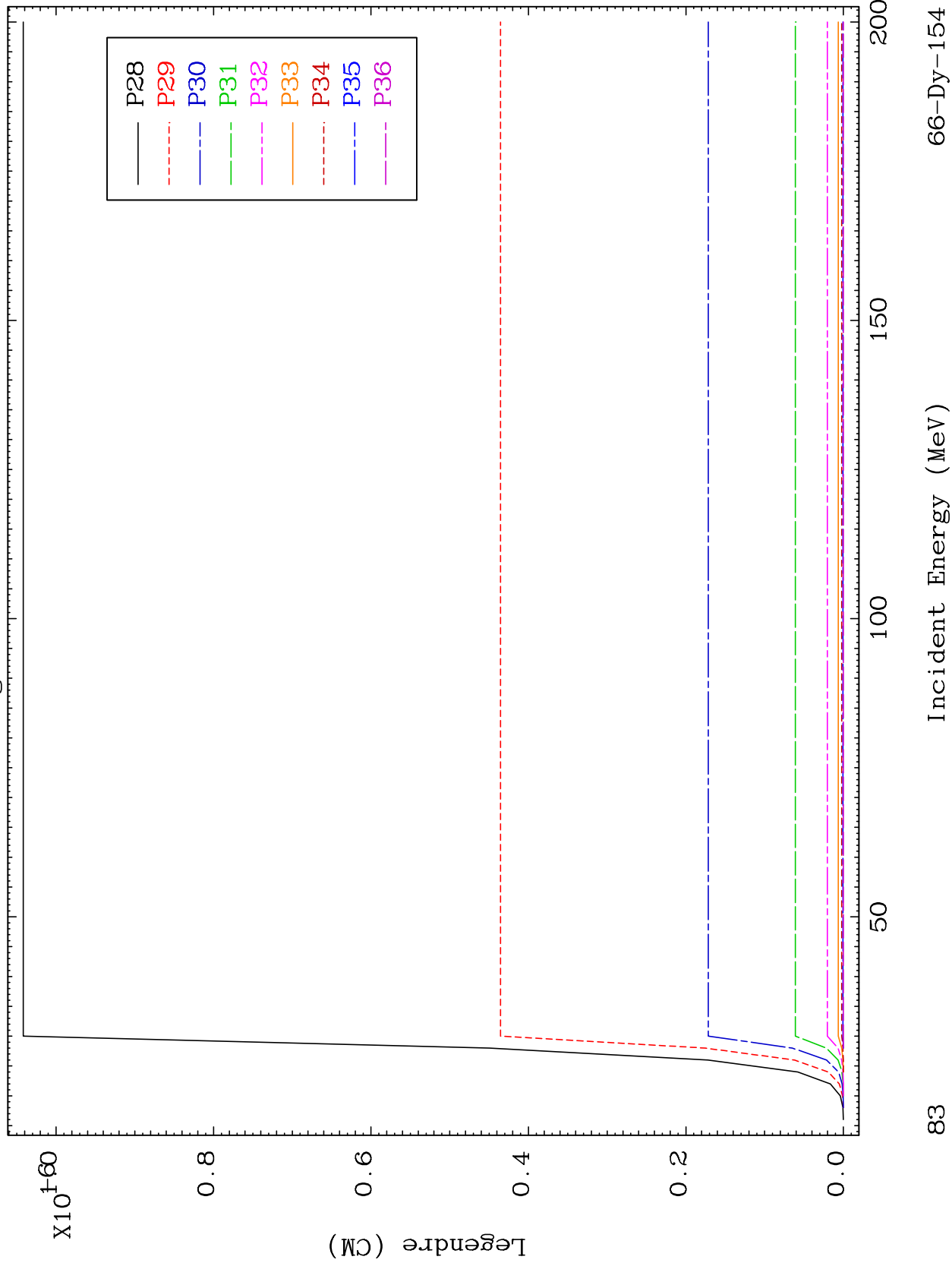
66-Dy-154



MAT 6619

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

66-Dy-154

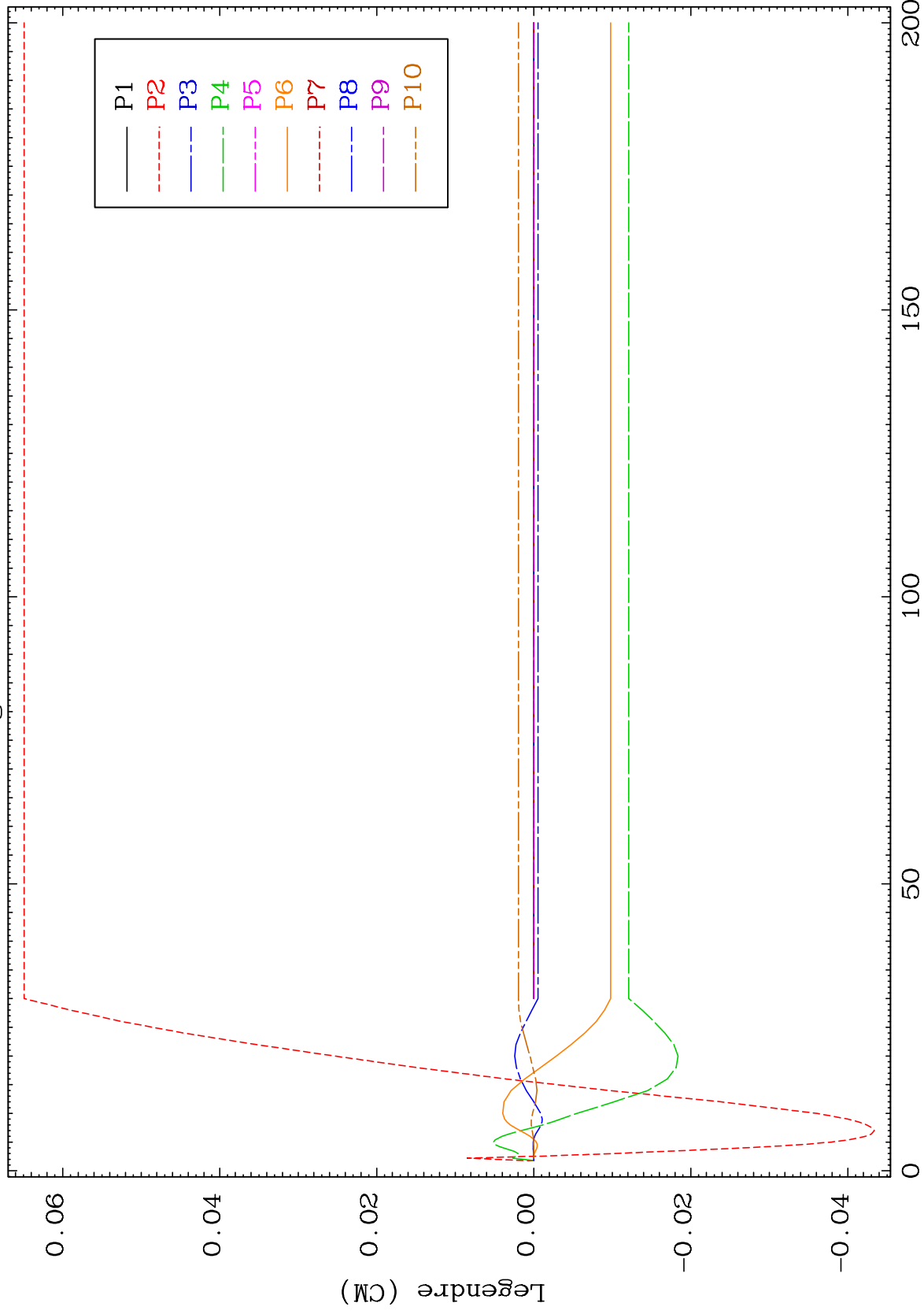


83

MAT 6619

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

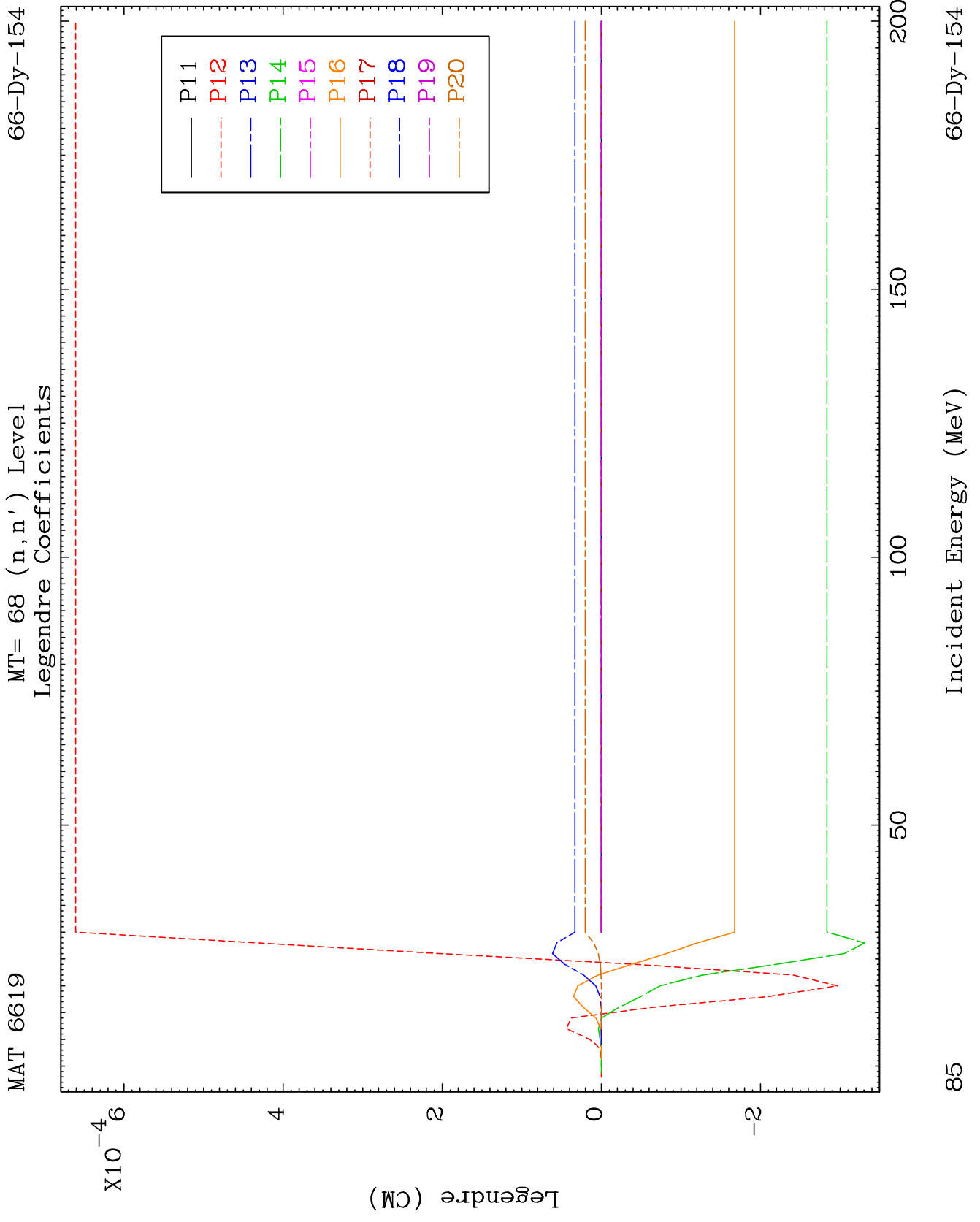
66-Dy-154

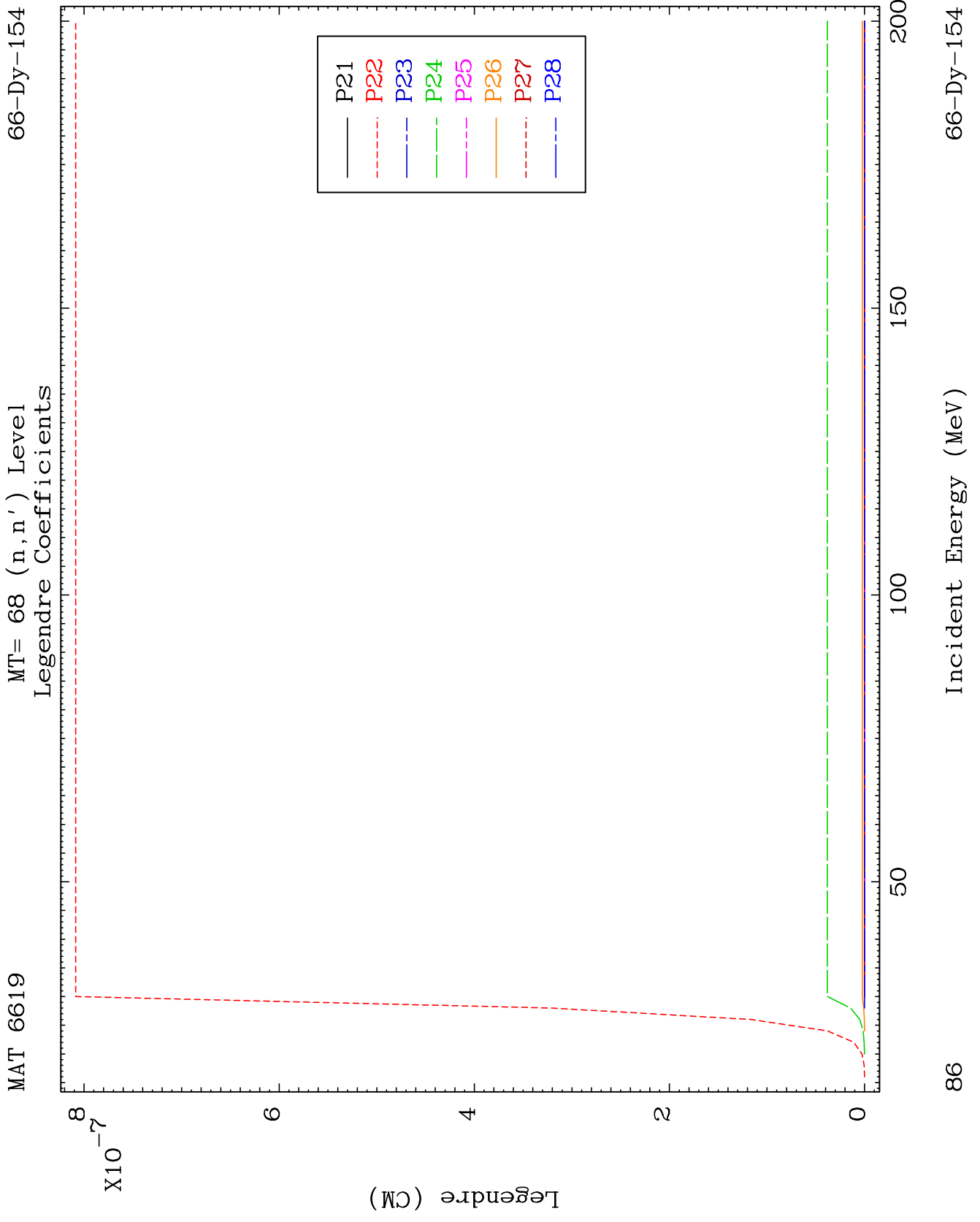


84

Incident Energy (MeV)

66-Dy-154

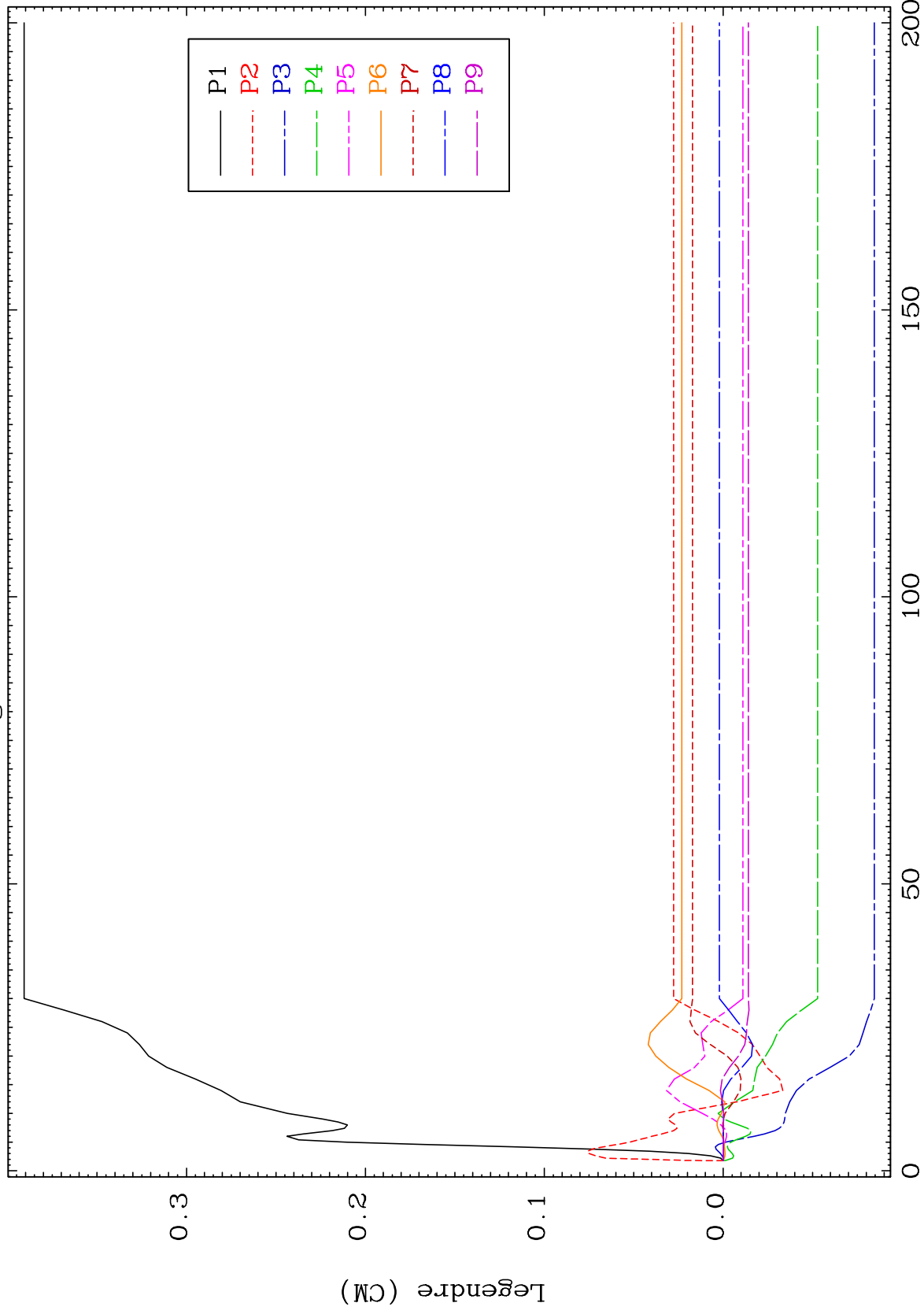




MAT 6619

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

66-Dy-154



87

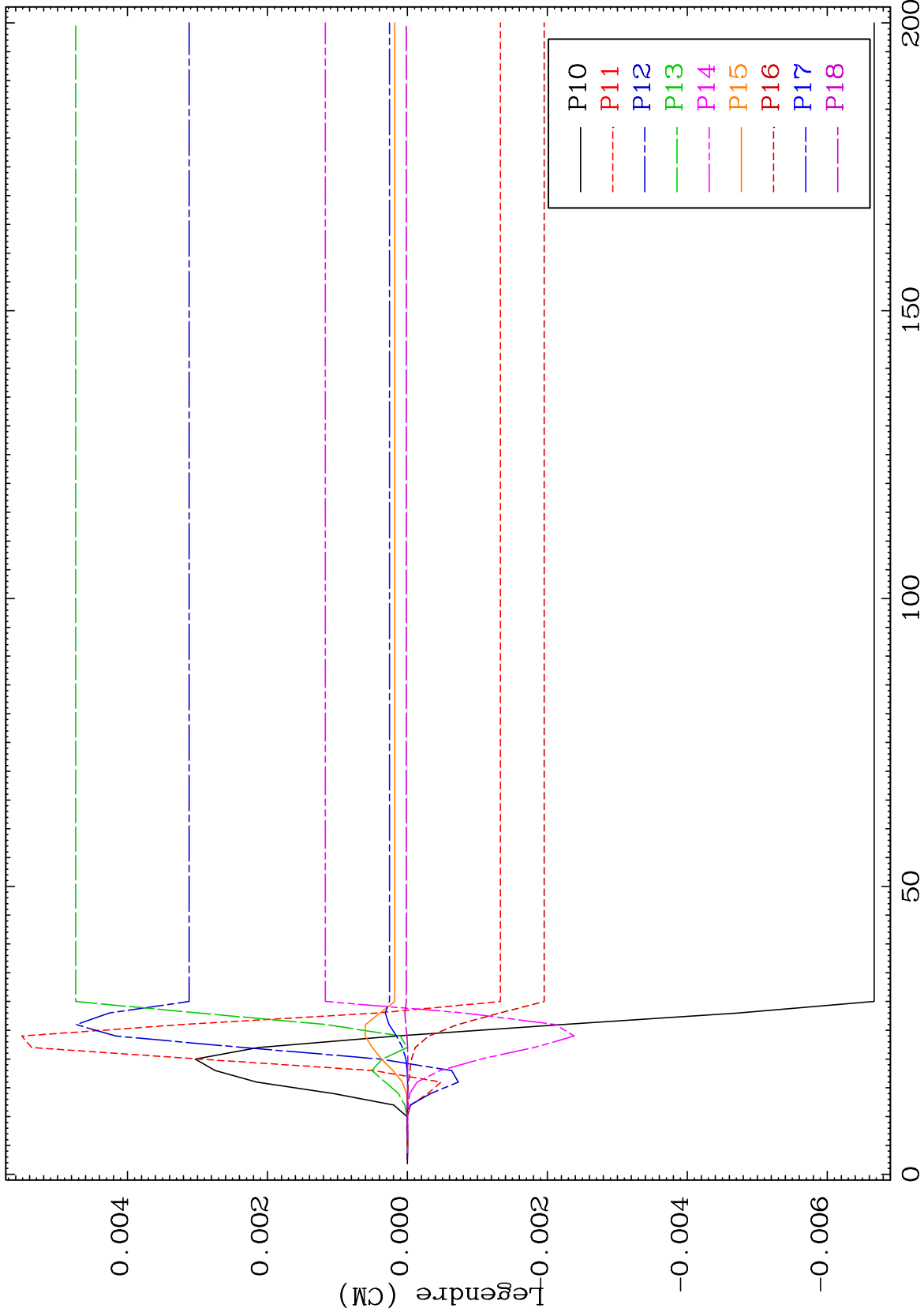
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

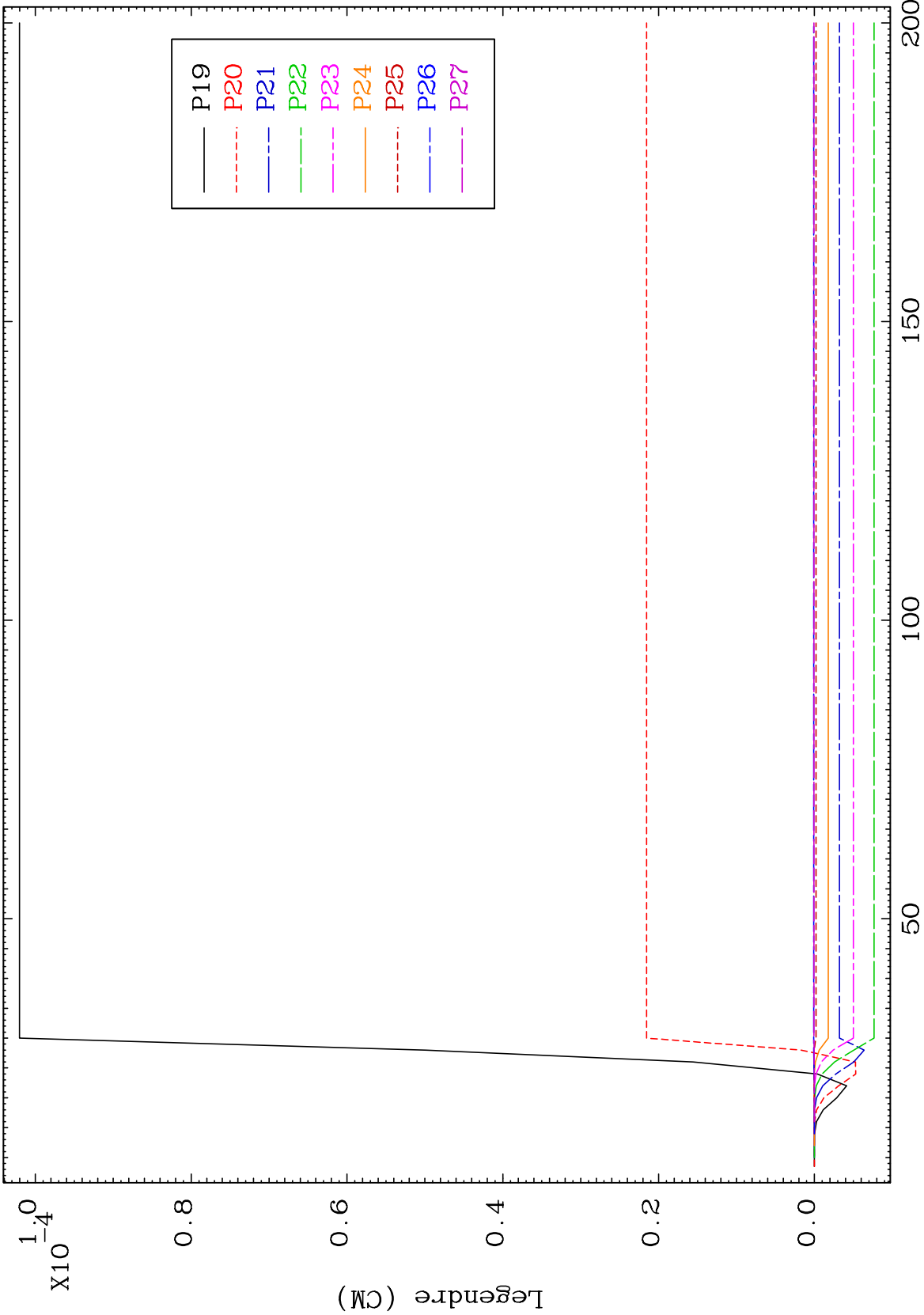
66-Dy-154



88

Incident Energy (MeV)

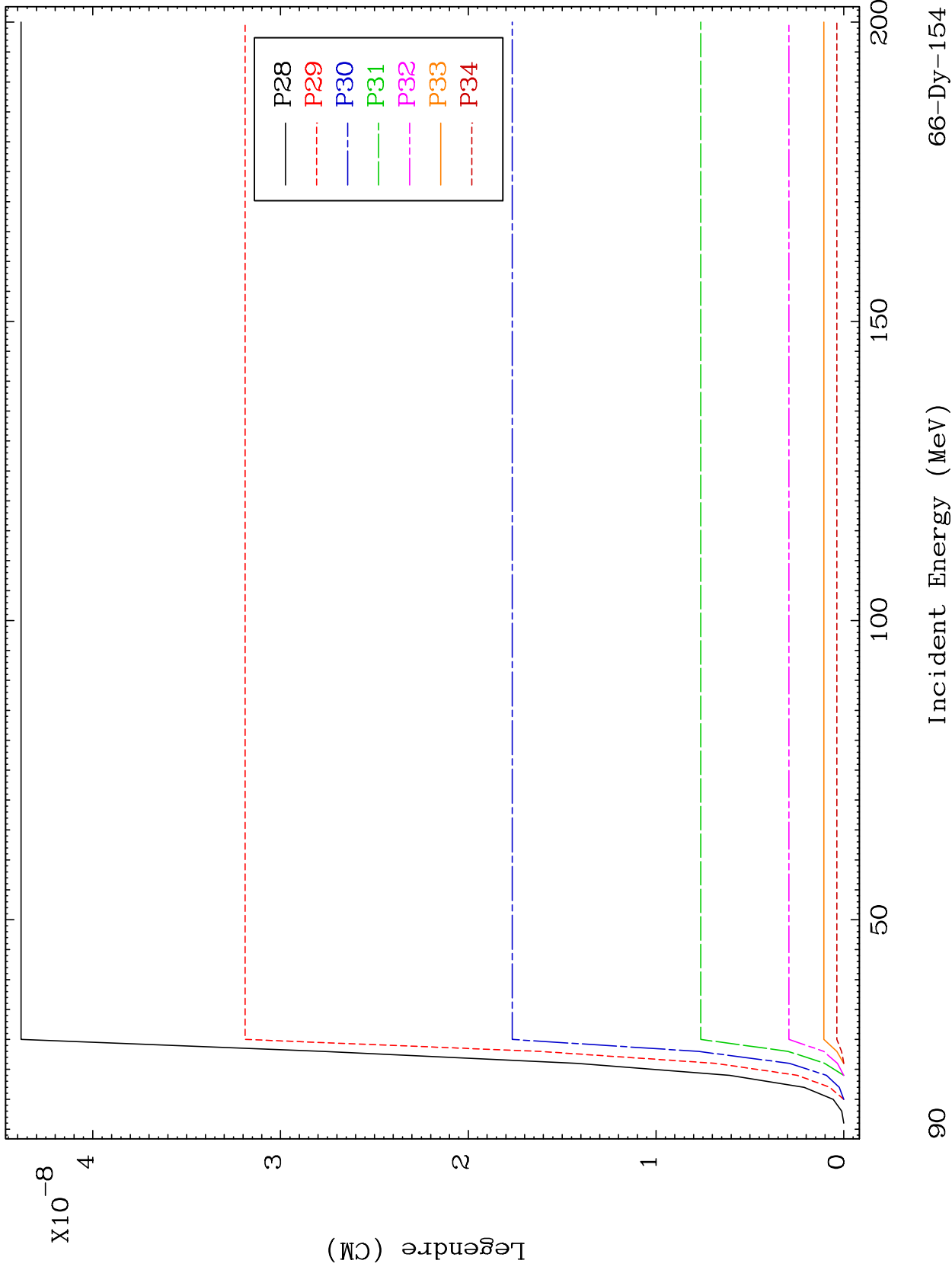
66-Dy-154



MAT 6619

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

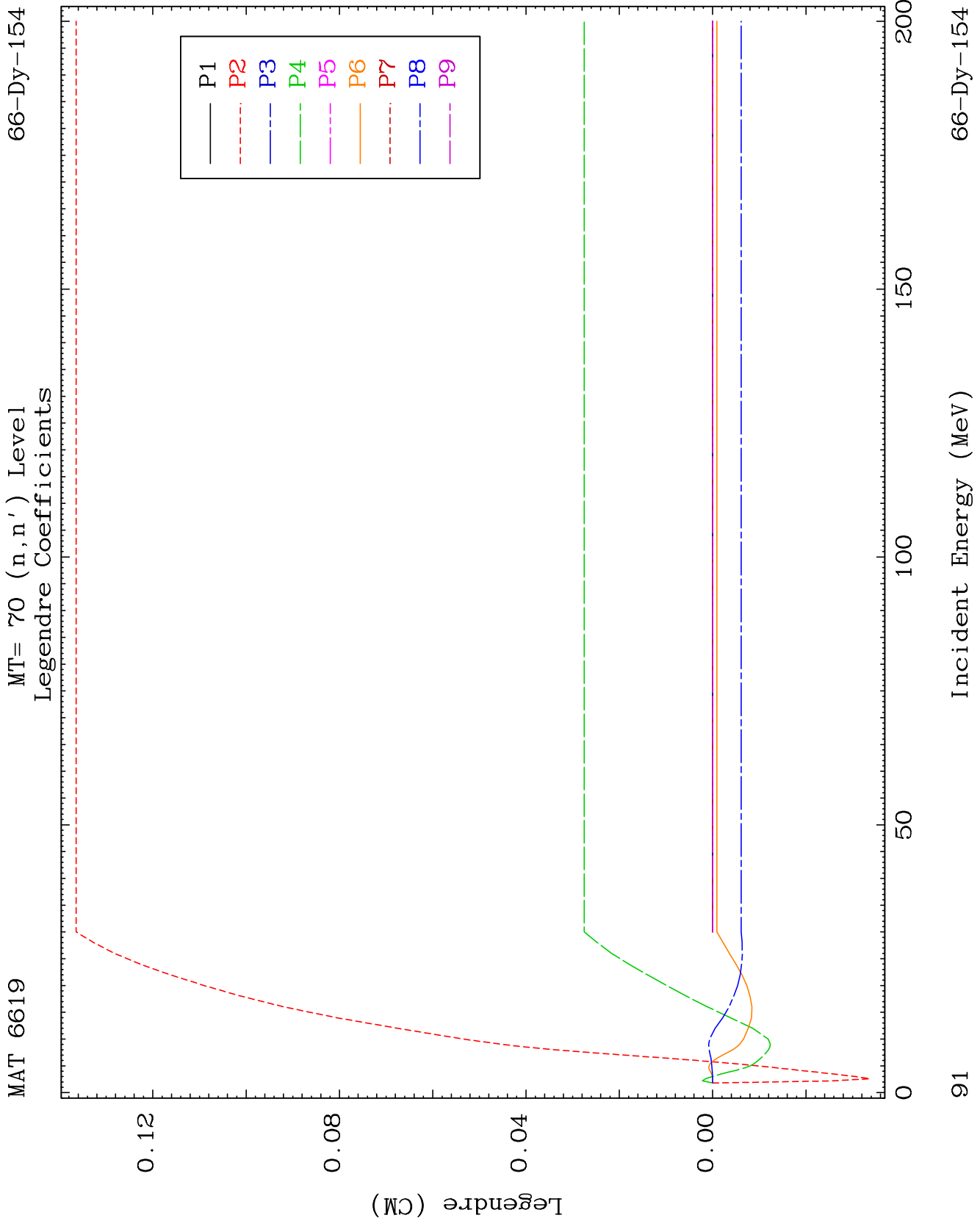
66-Dy-154



66-Dy-154

Incident Energy (MeV)

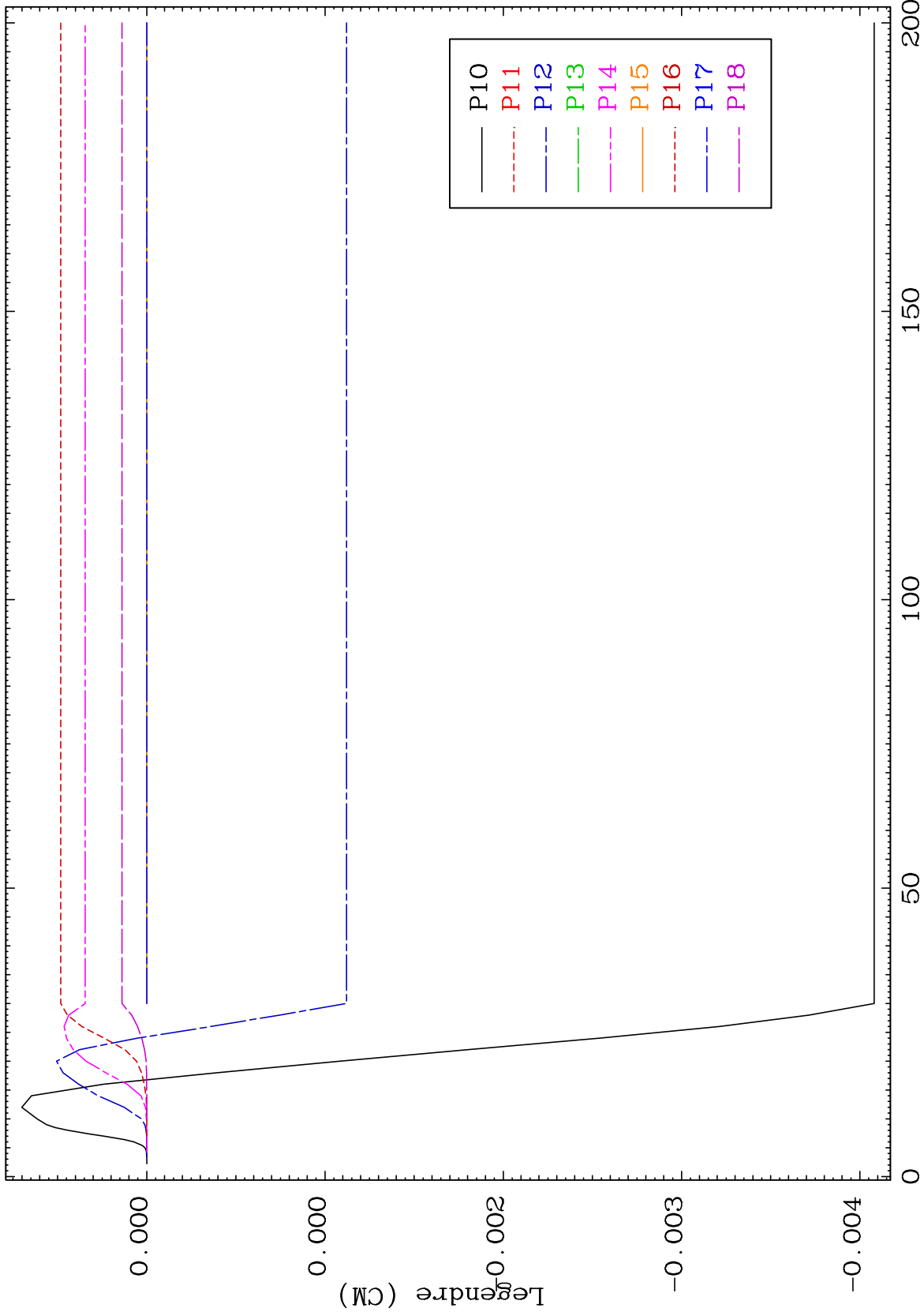
90



MAT 6619

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

66-Dy-154



92

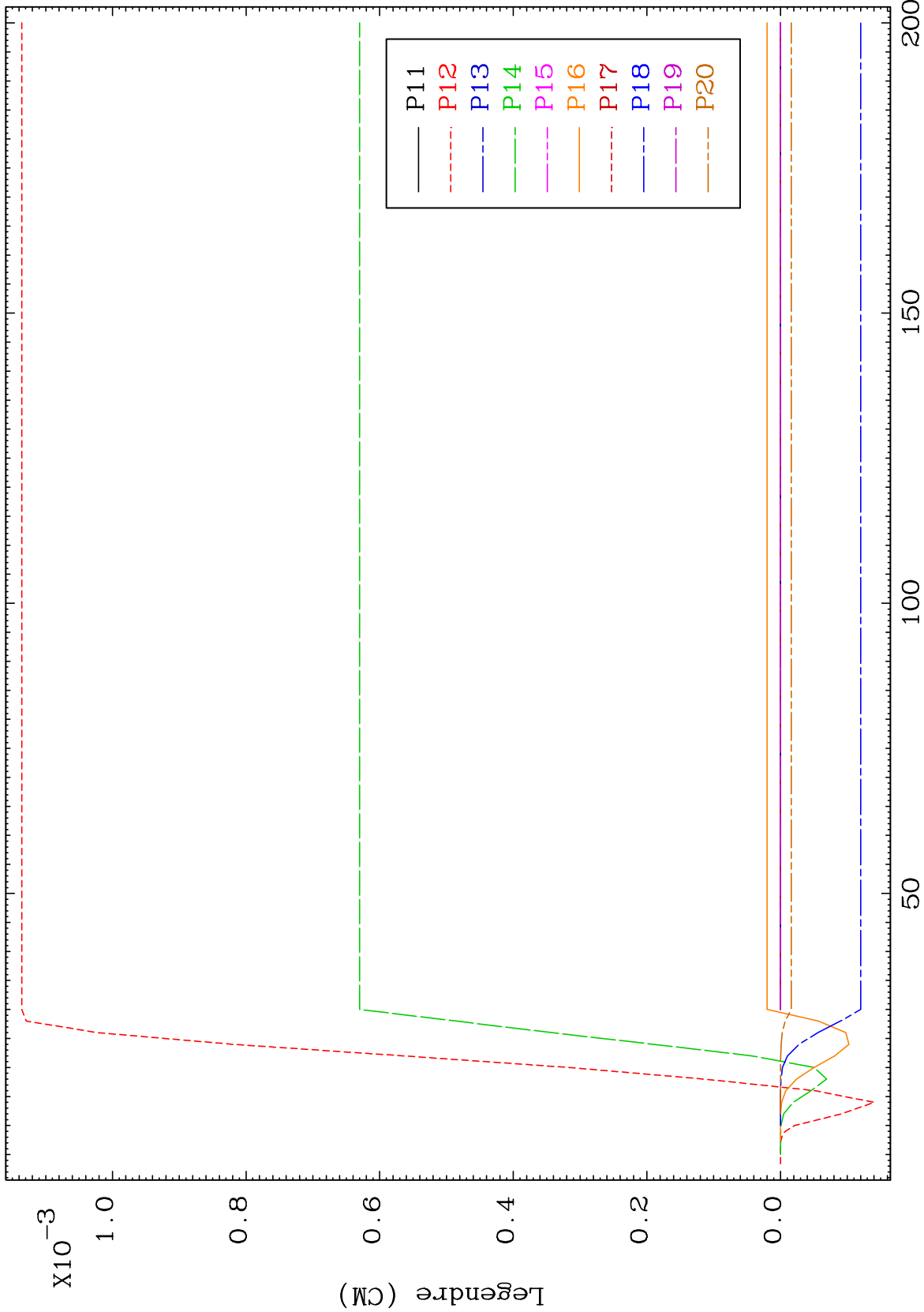
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

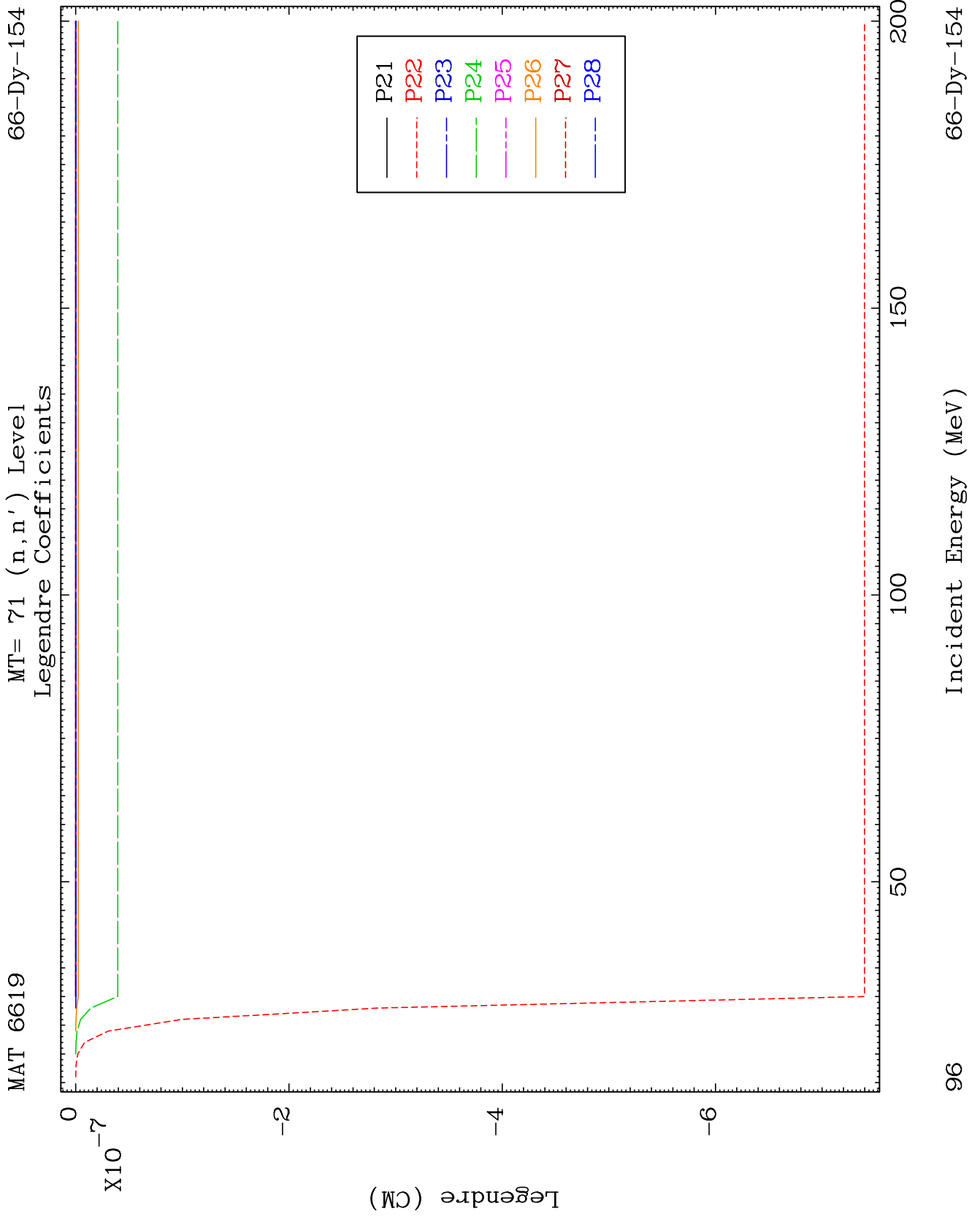
66-Dy-154

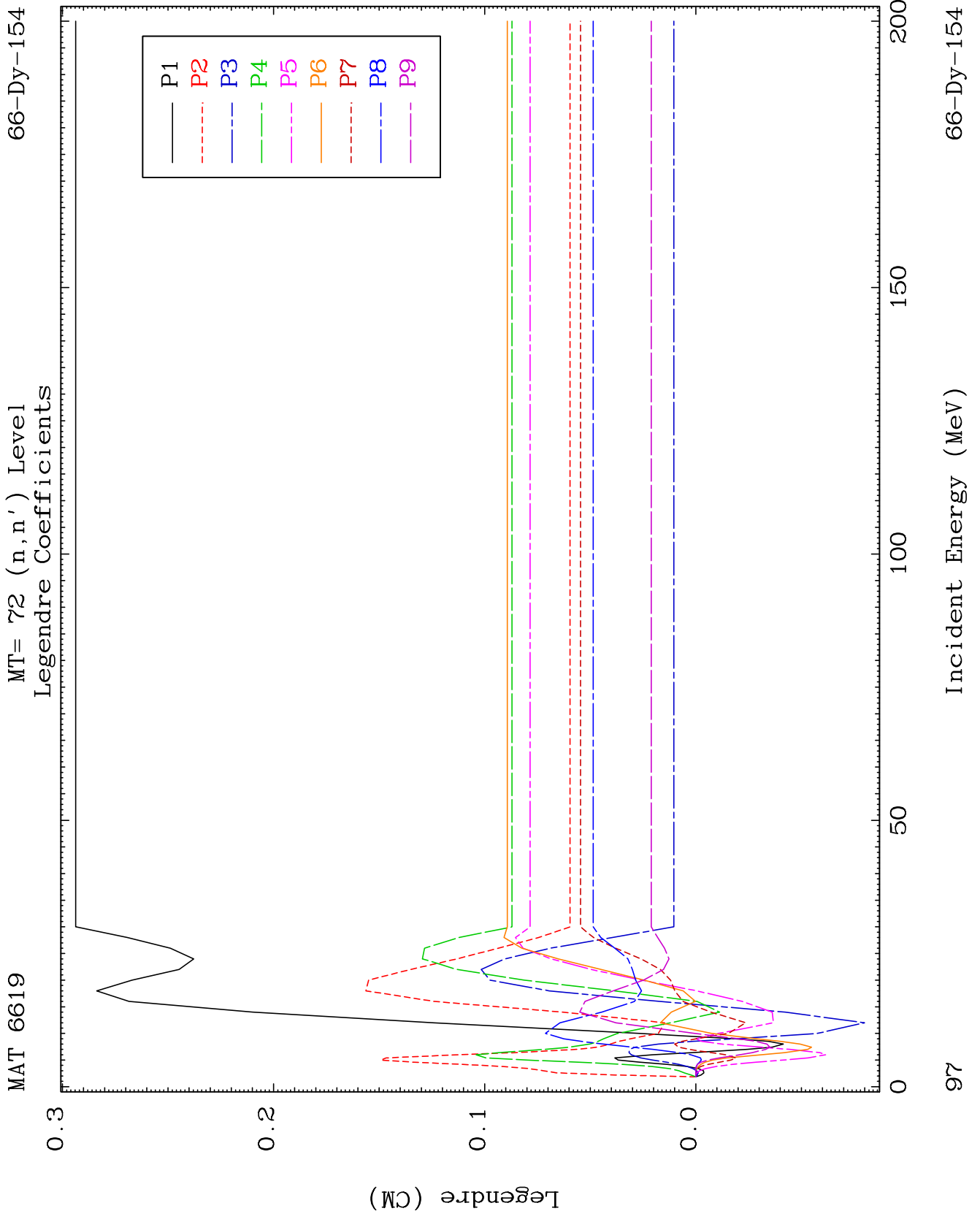


95

Incident Energy (MeV)

66-Dy-154

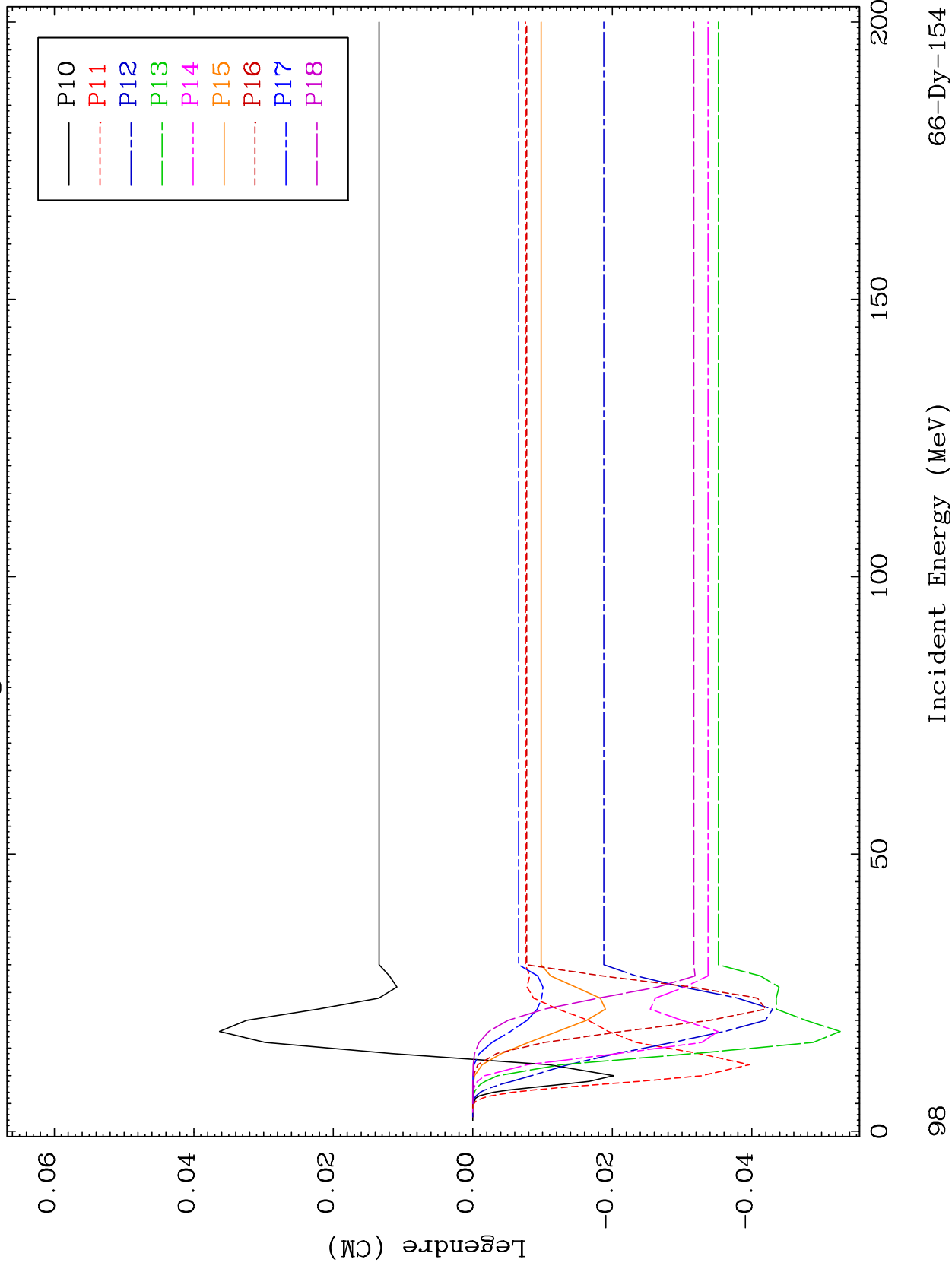




MAT 6619

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

66-Dy-154



98

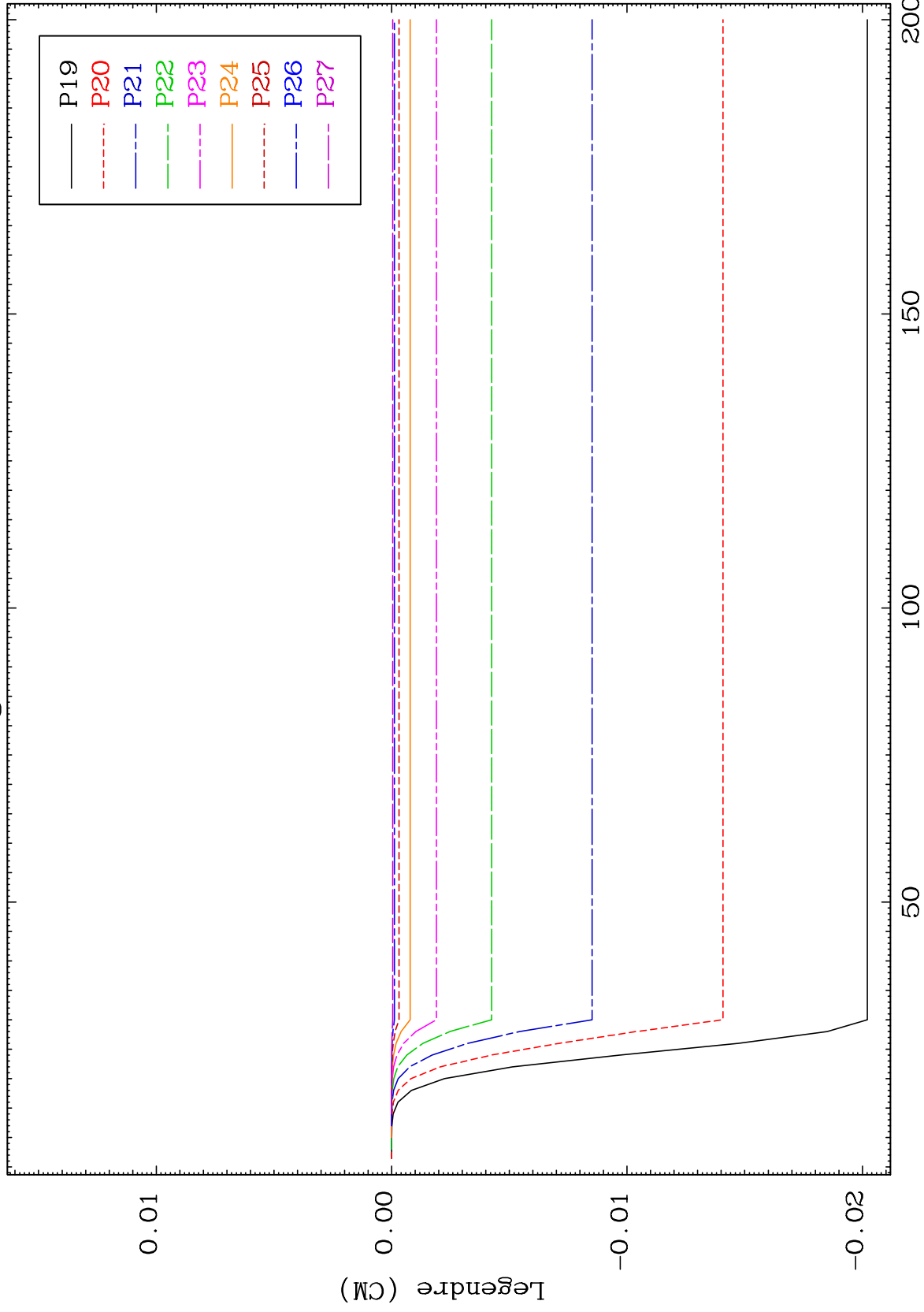
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



99

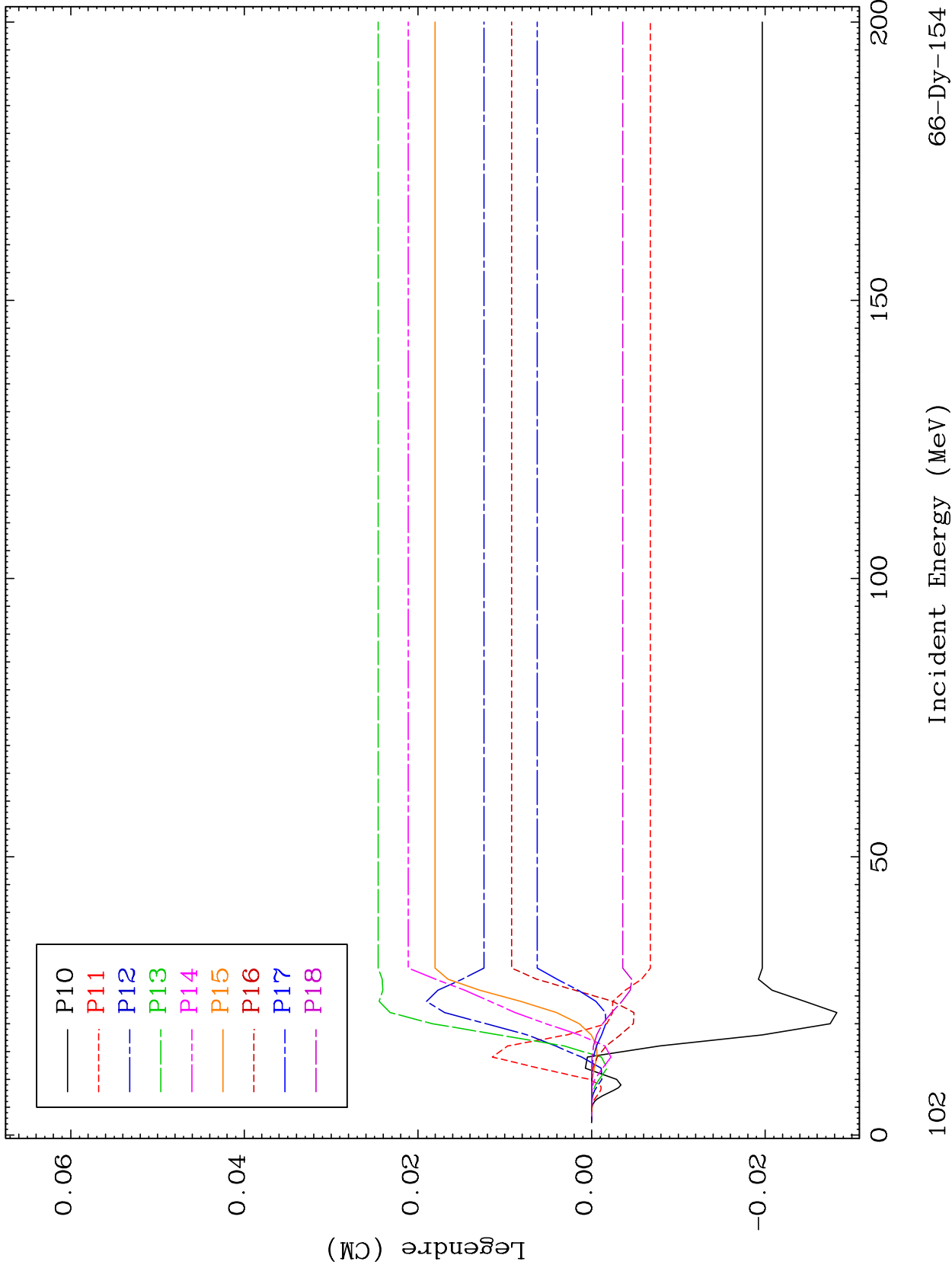
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



102

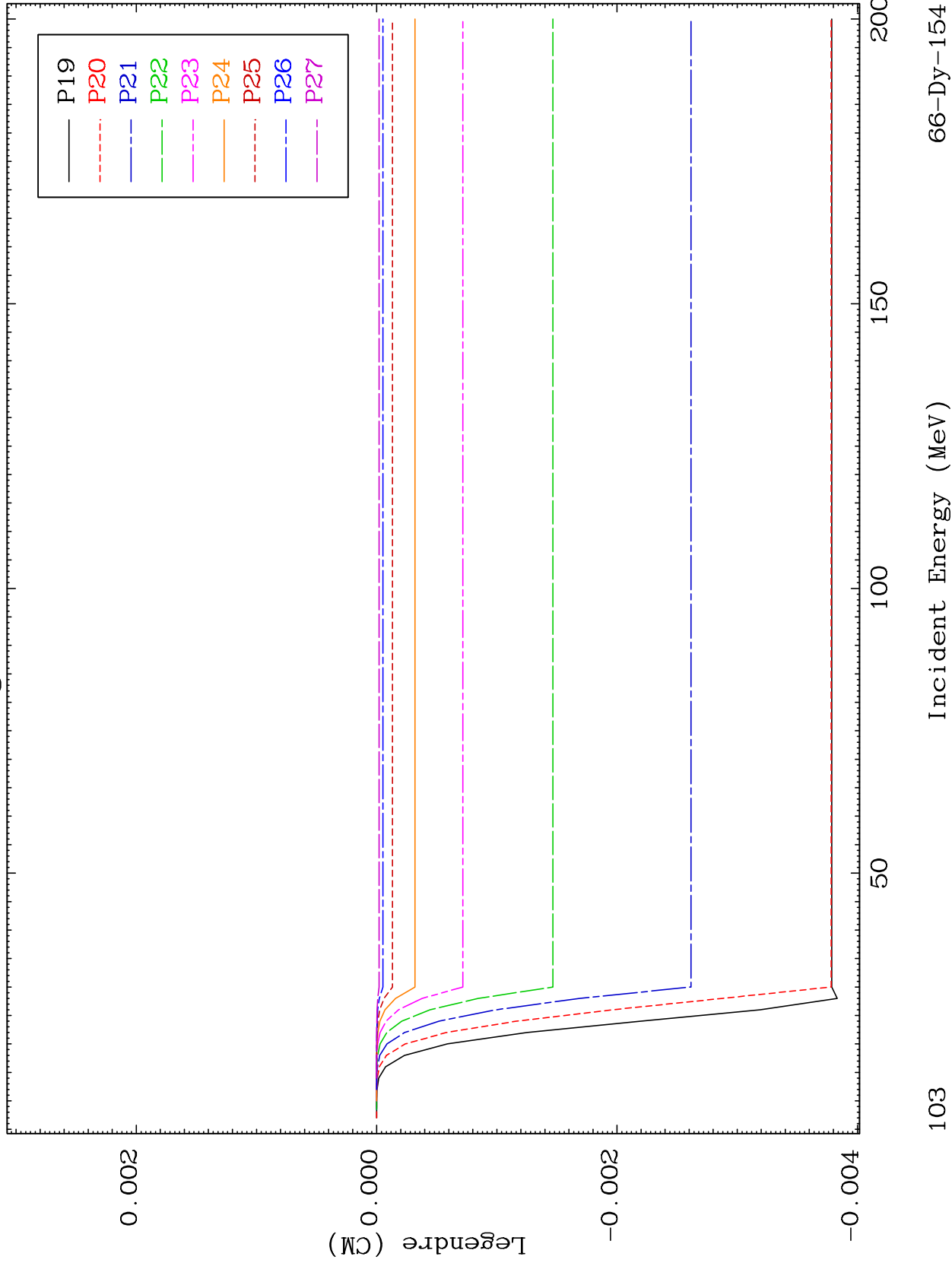
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

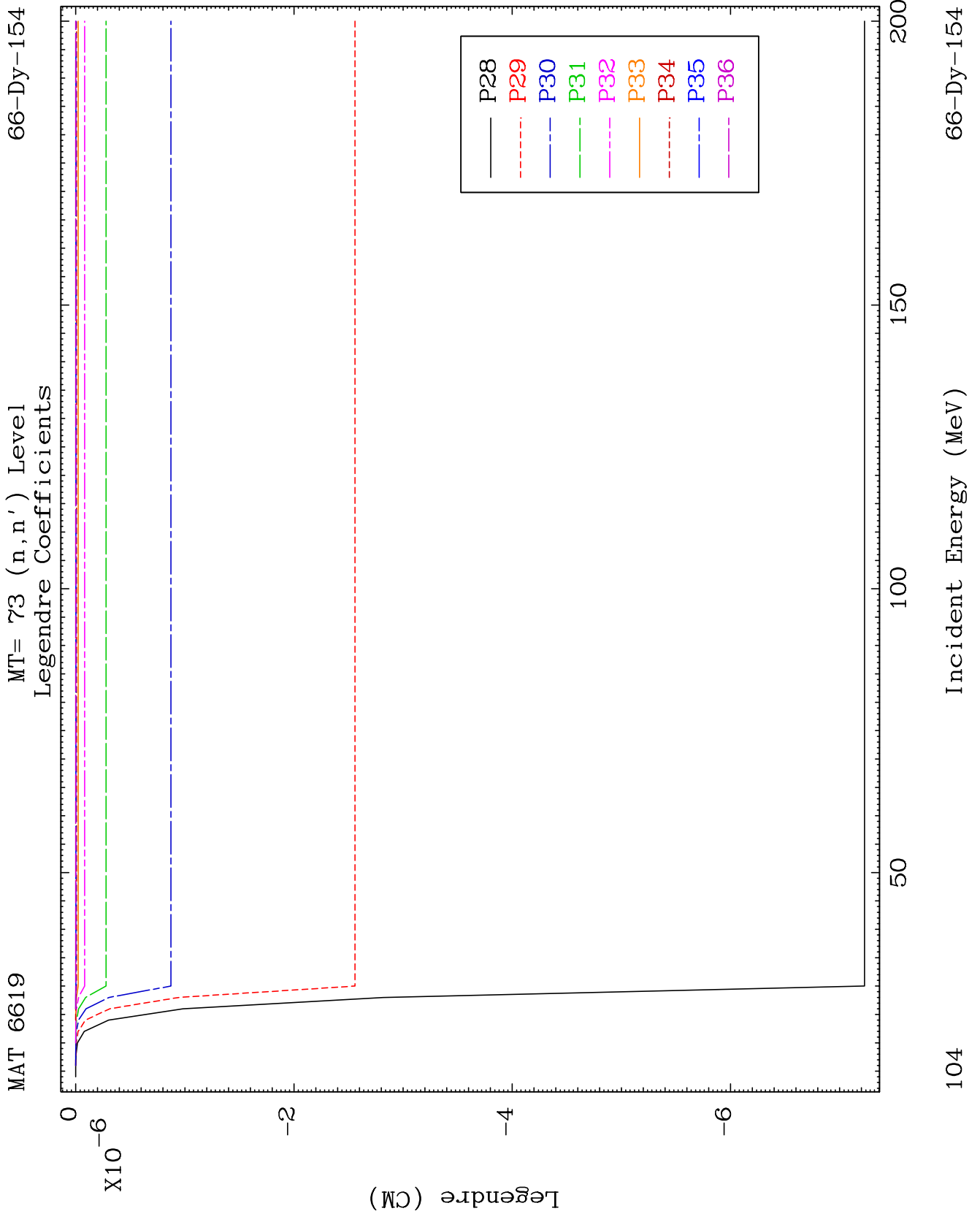
66-Dy-154



103

Incident Energy (MeV)

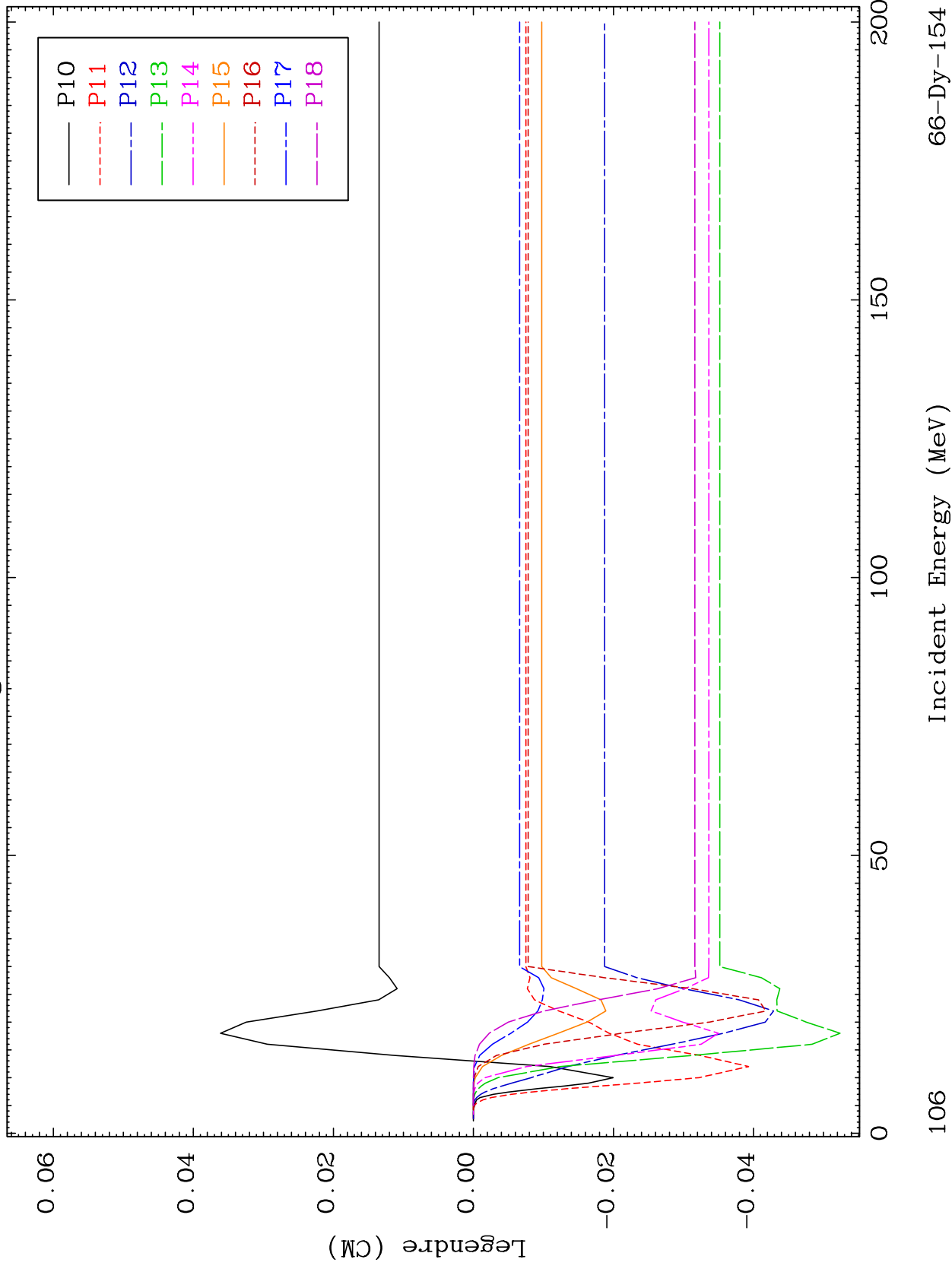
66-Dy-154



MAT 6619

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

66-Dy-154



66-Dy-154

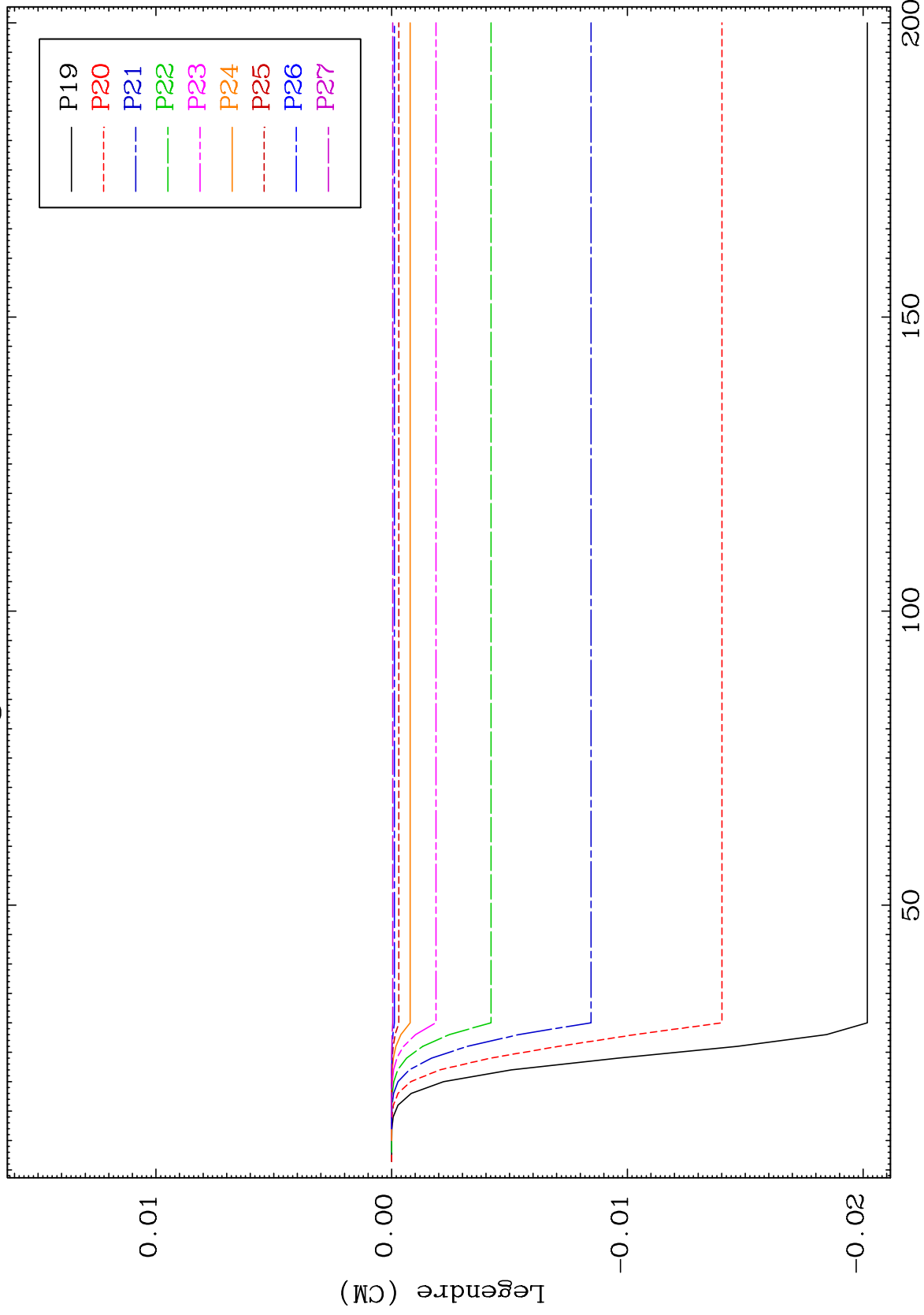
Incident Energy (MeV)

106

MAT 6619

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

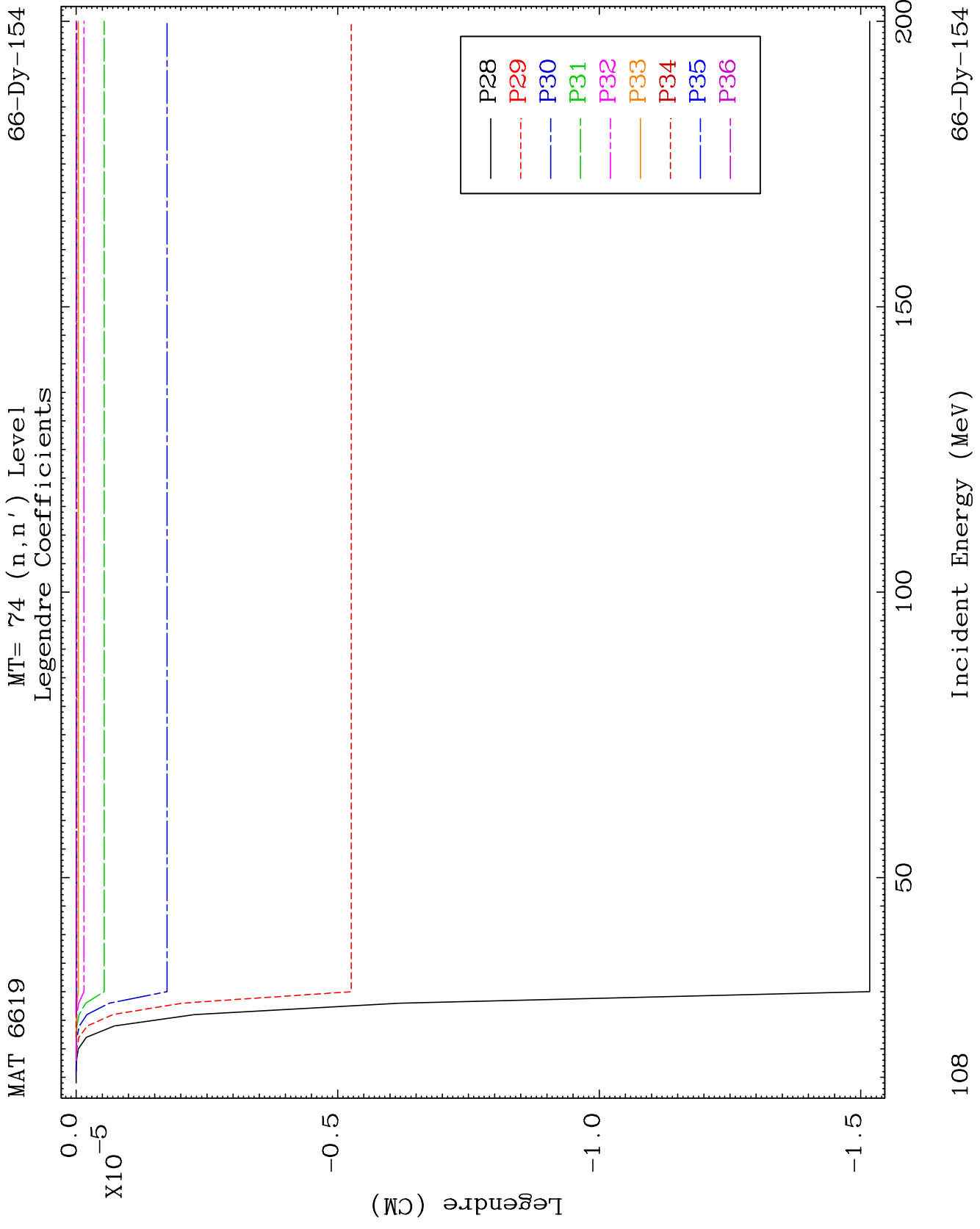
66-Dy-154



107

Incident Energy (MeV)

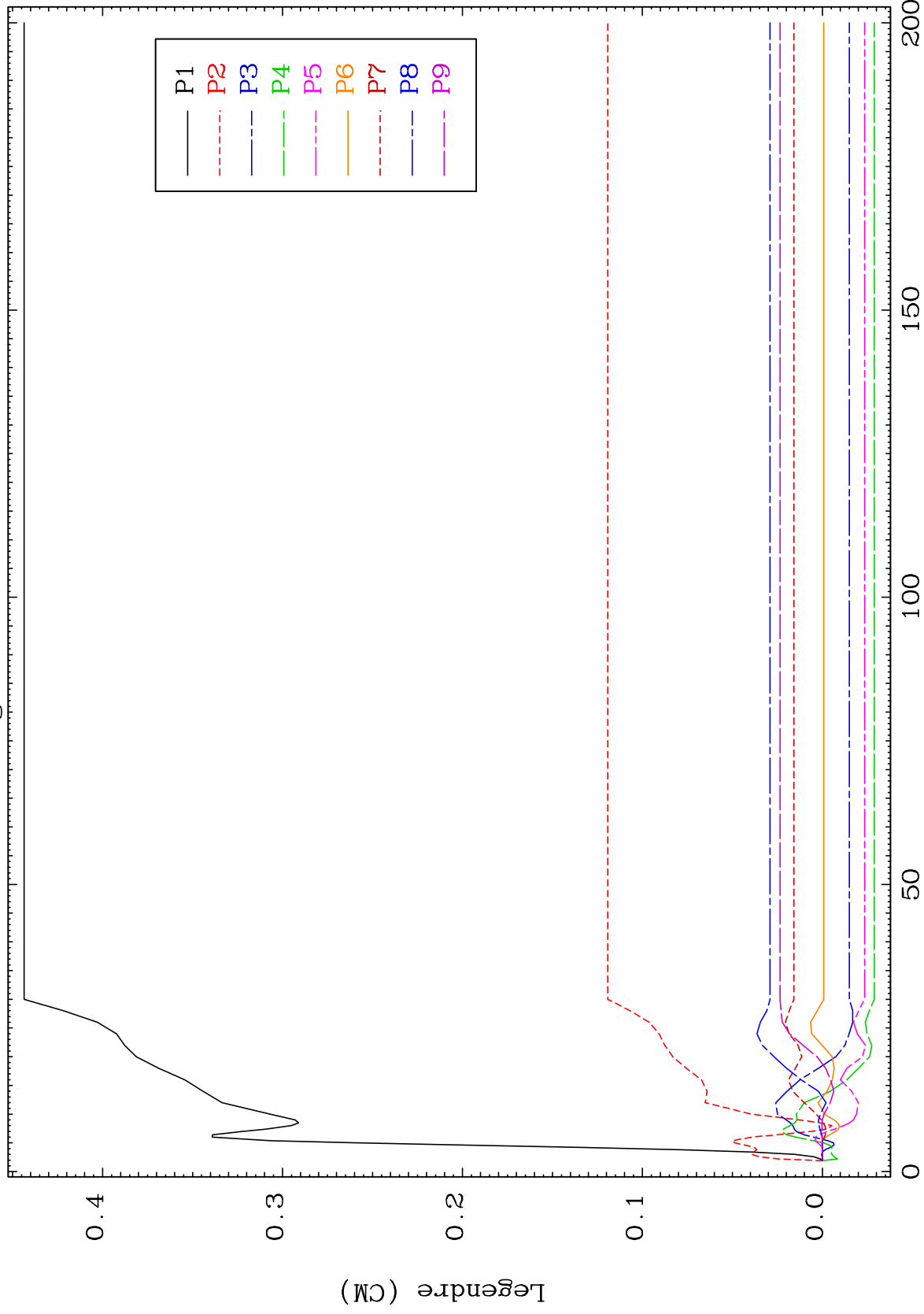
66-Dy-154



MAT 6619

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

66-Dy-154



66-Dy-154

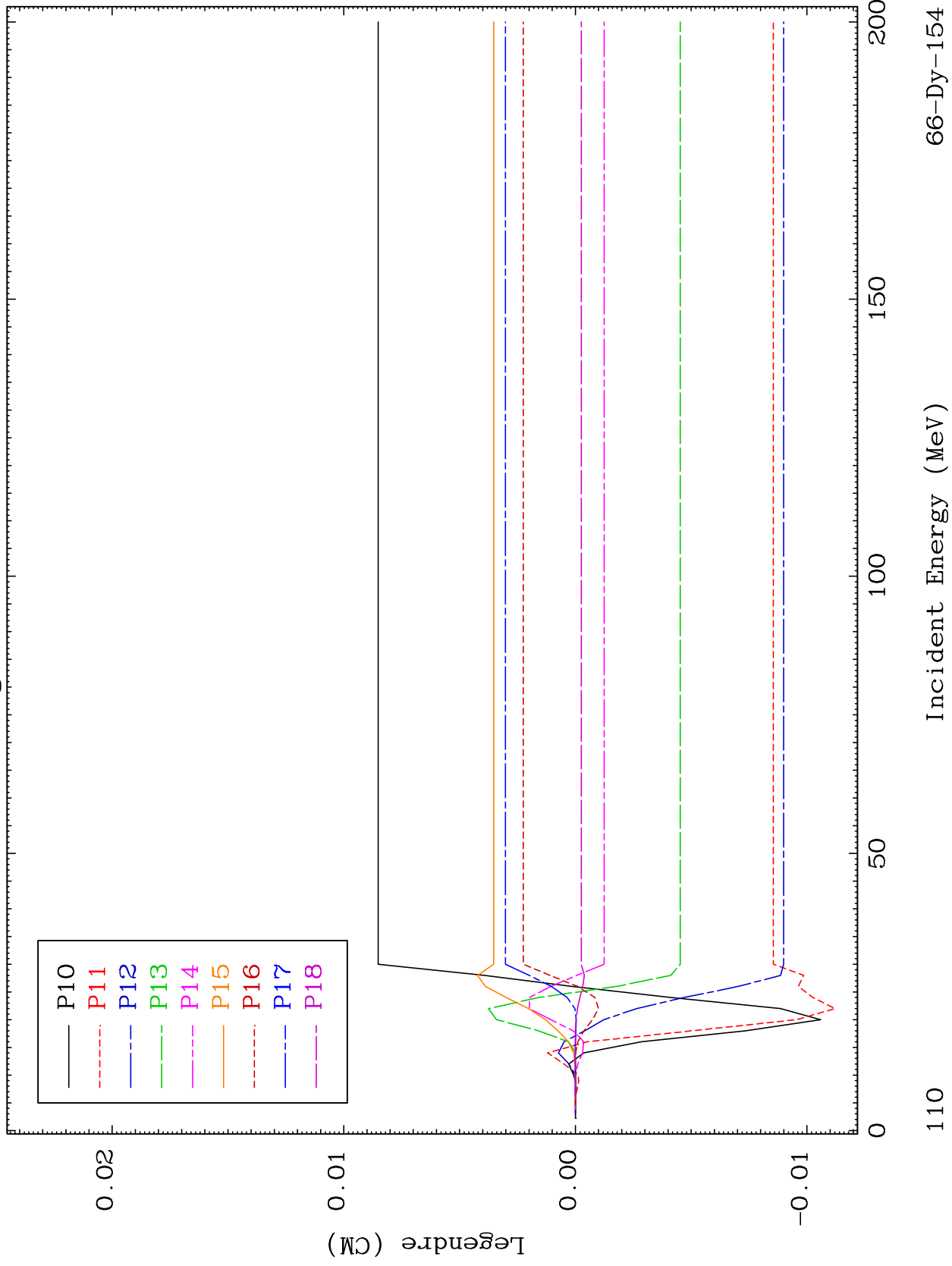
Incident Energy (MeV)

109

MAT 6619

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

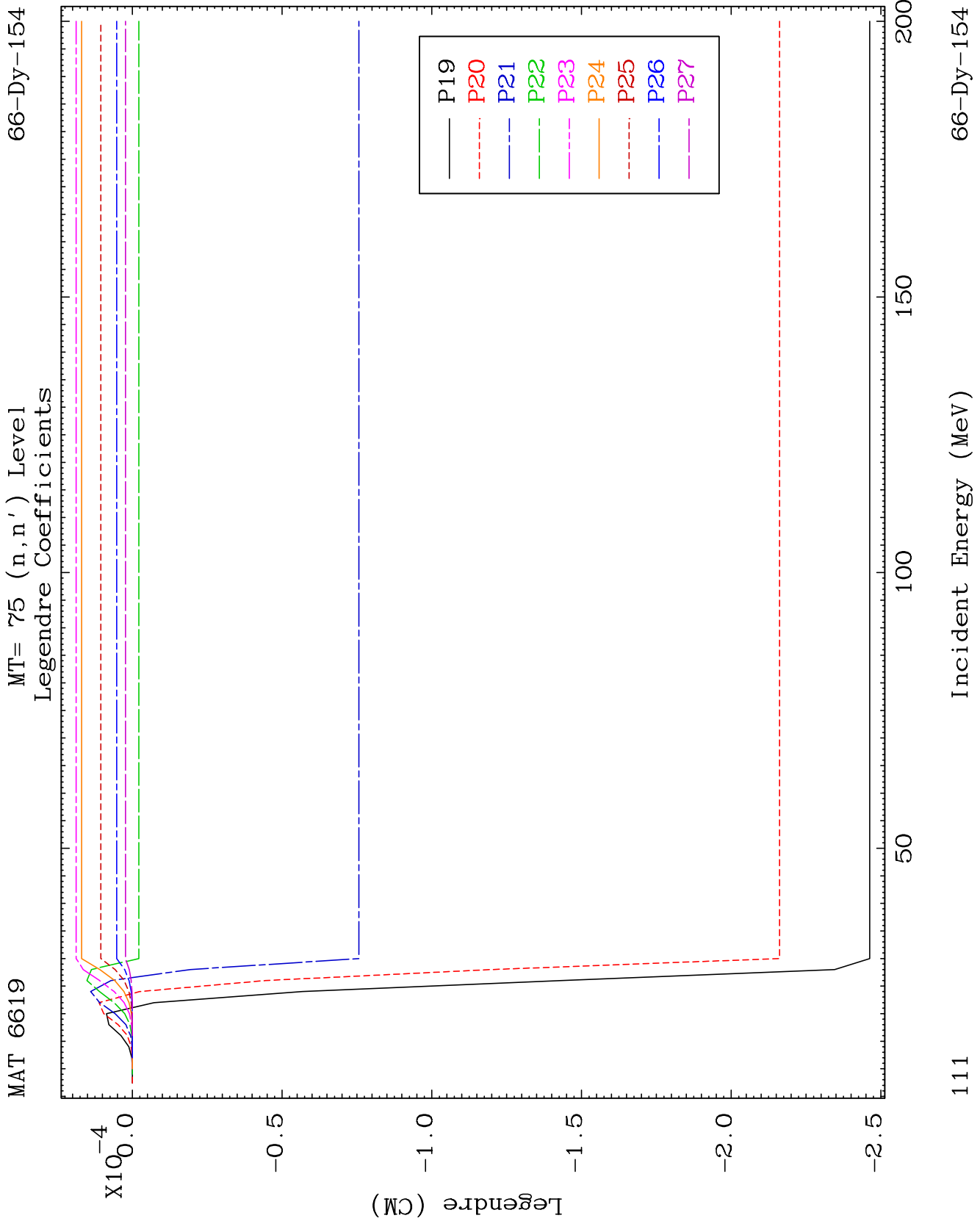
66-Dy-154



66-Dy-154

Incident Energy (MeV)

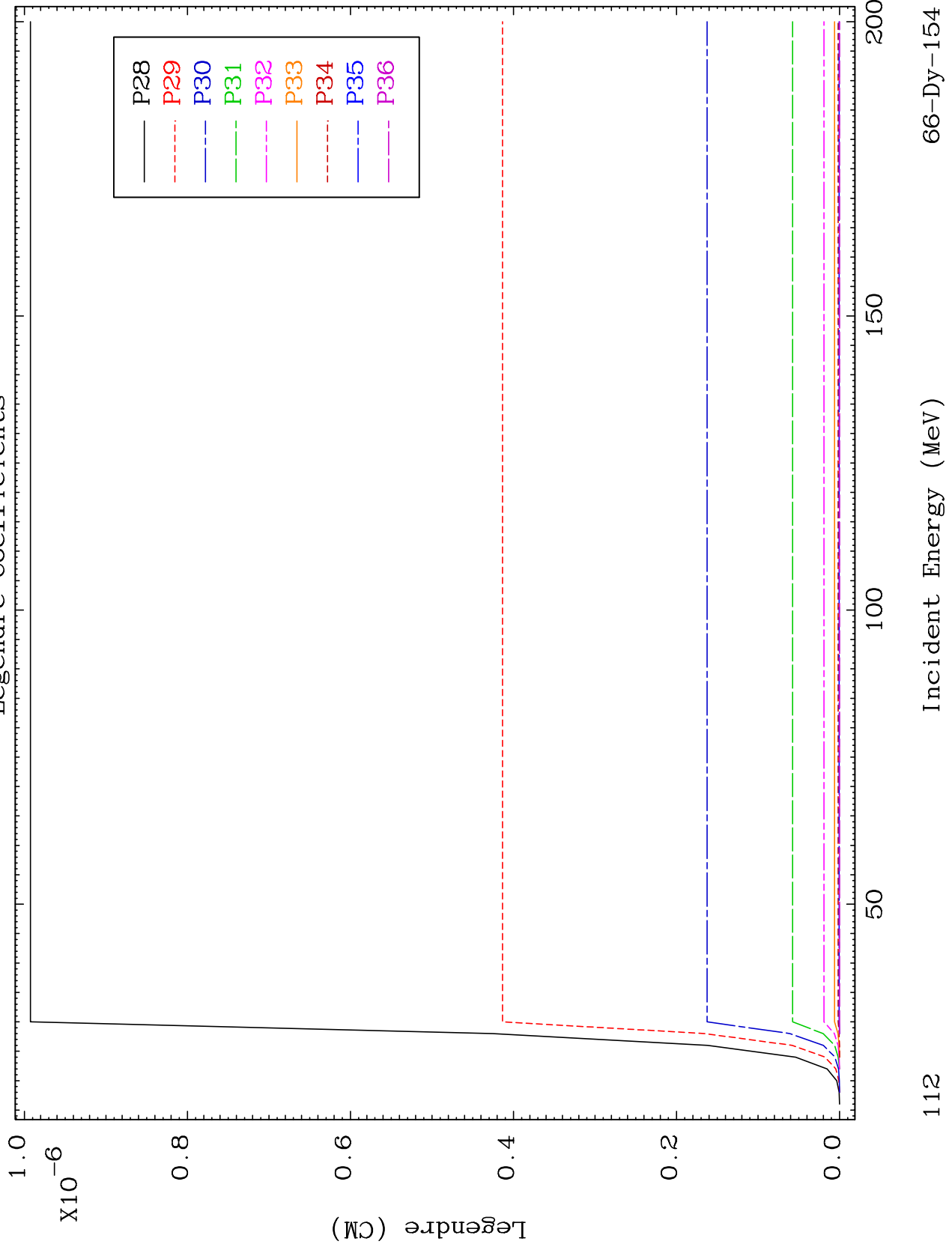
110



MAT 6619

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

66-Dy-154



112

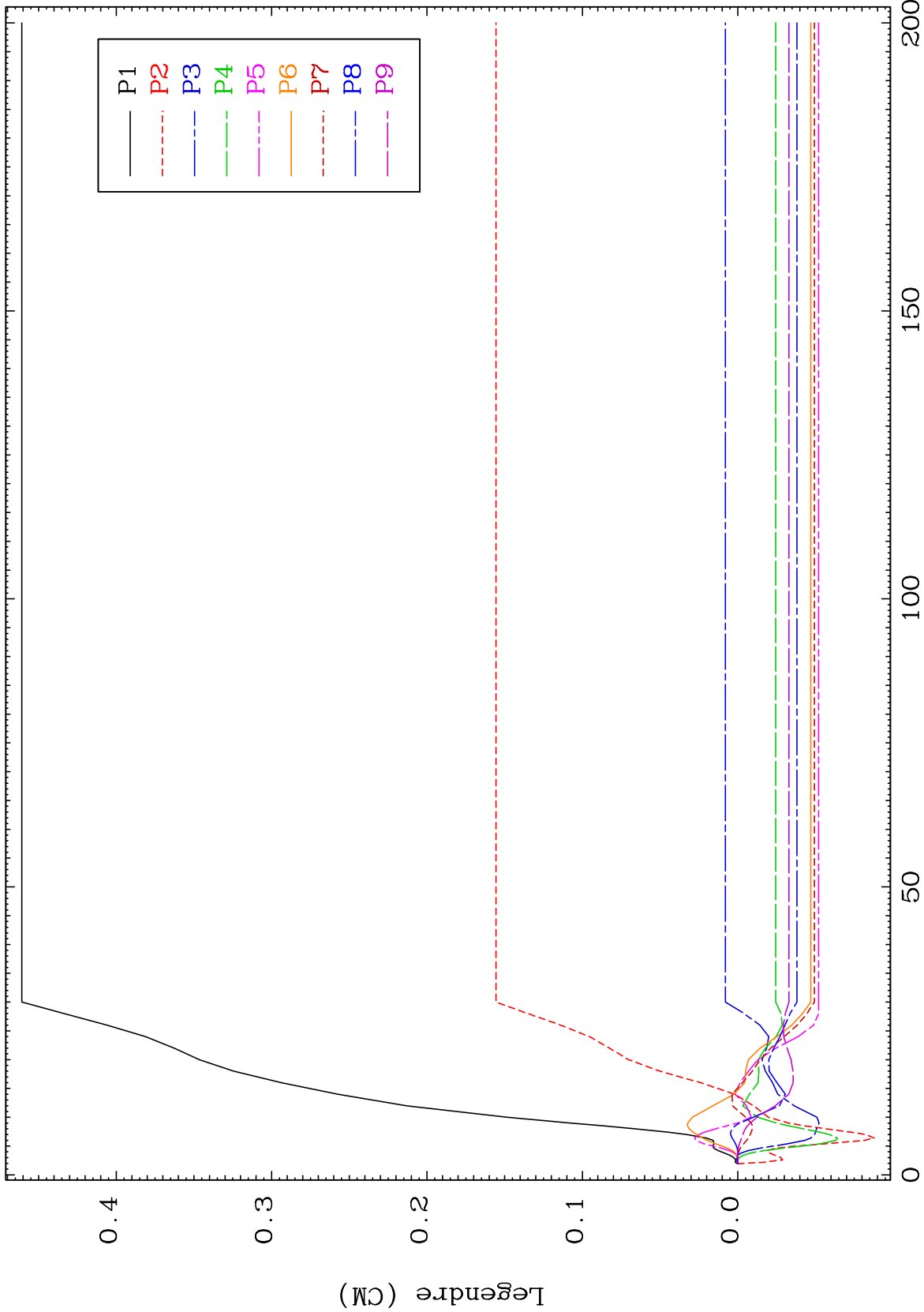
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



66-Dy-154

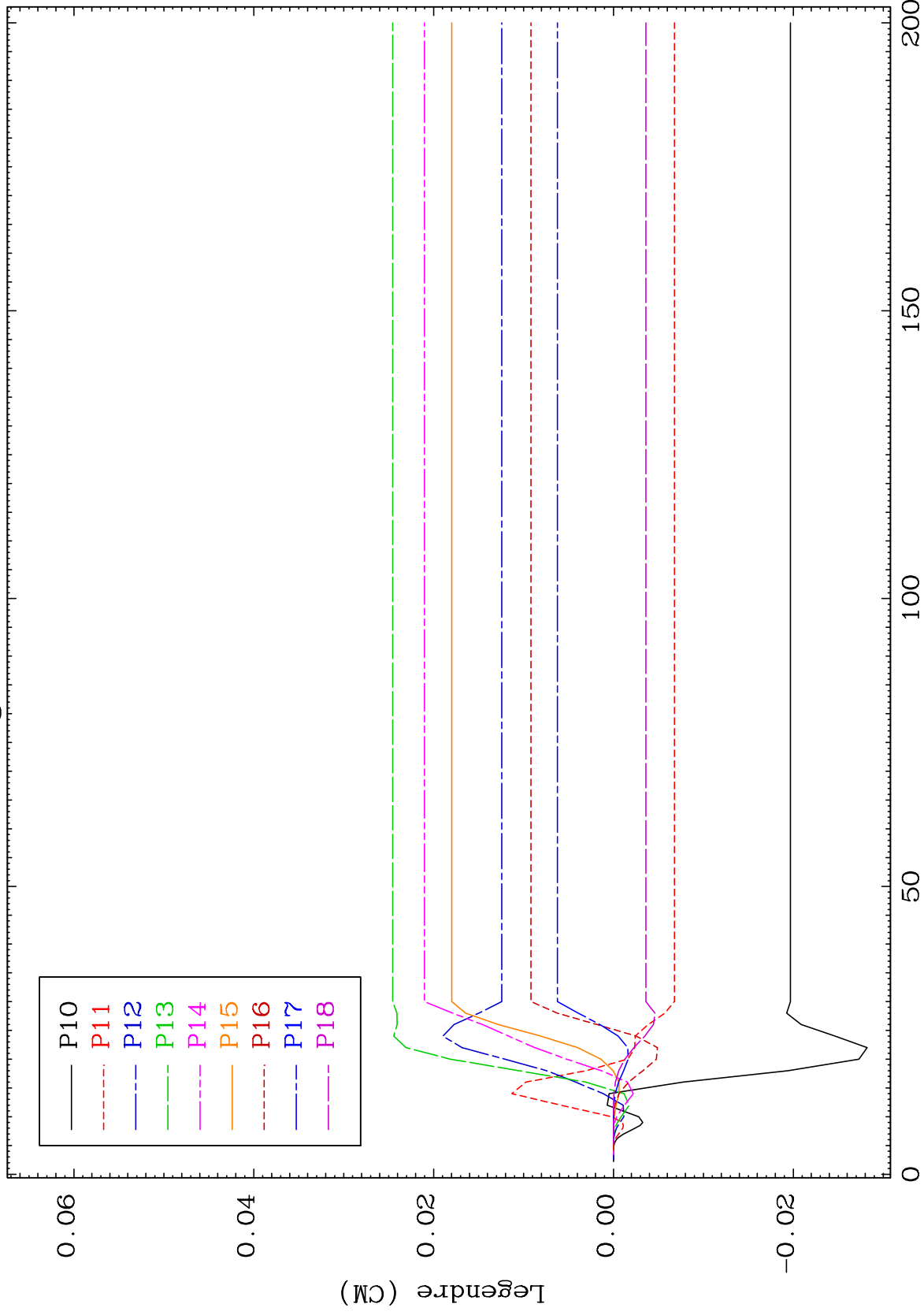
Incident Energy (MeV)

113

MAT 6619

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

66-Dy-154



114

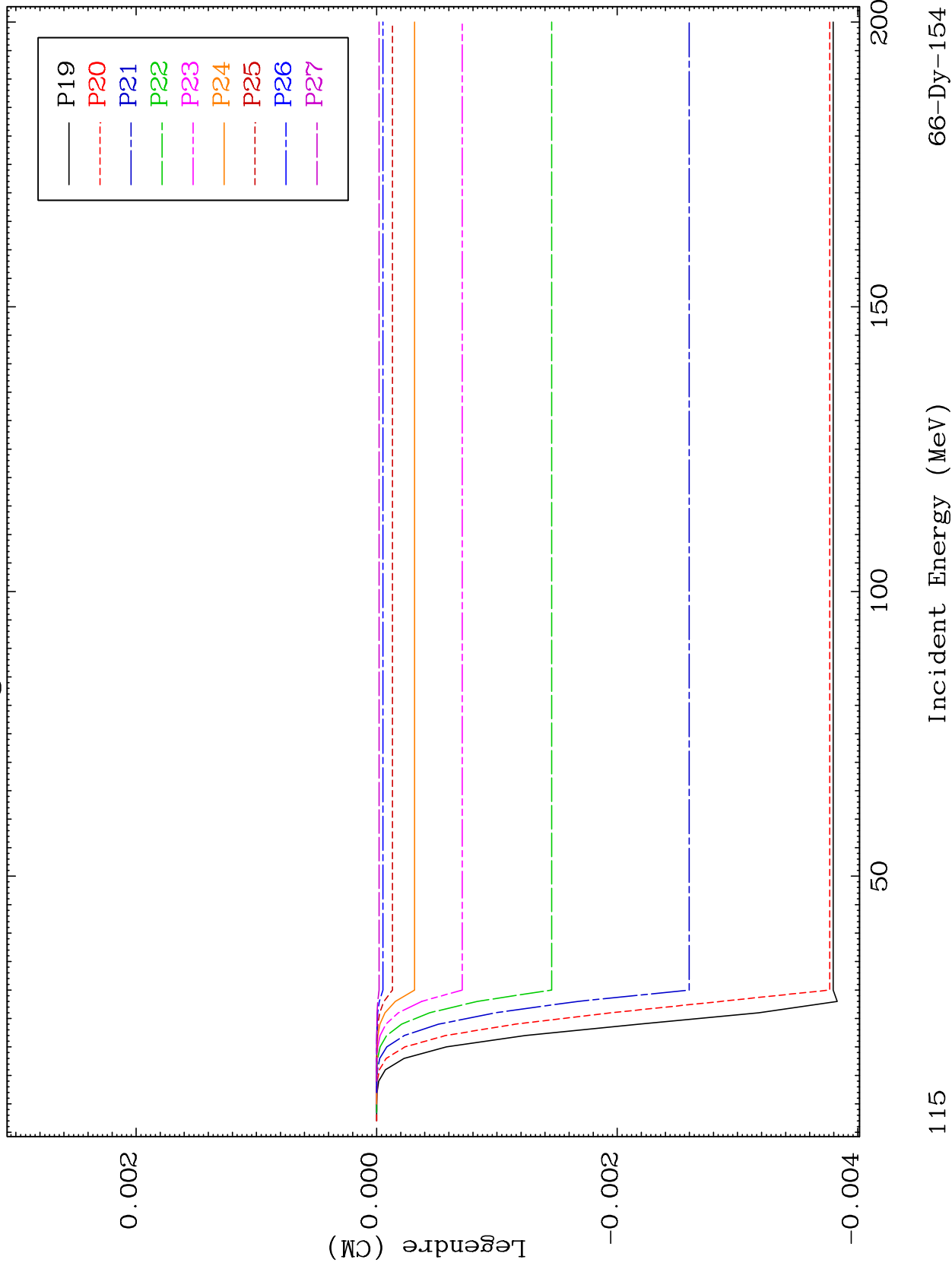
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

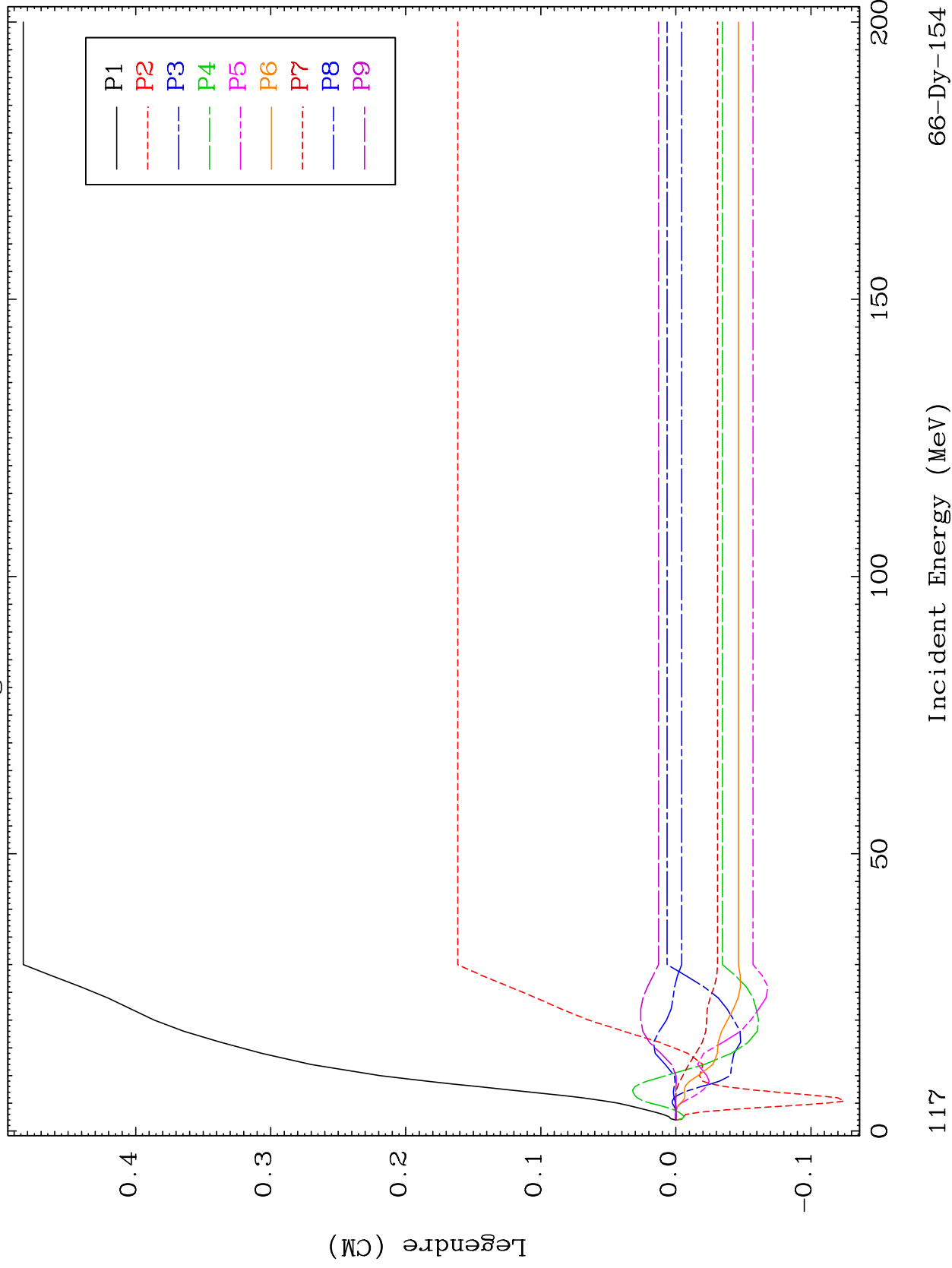
66-Dy-154



MAT 6619

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

66-Dy-154



66-Dy-154

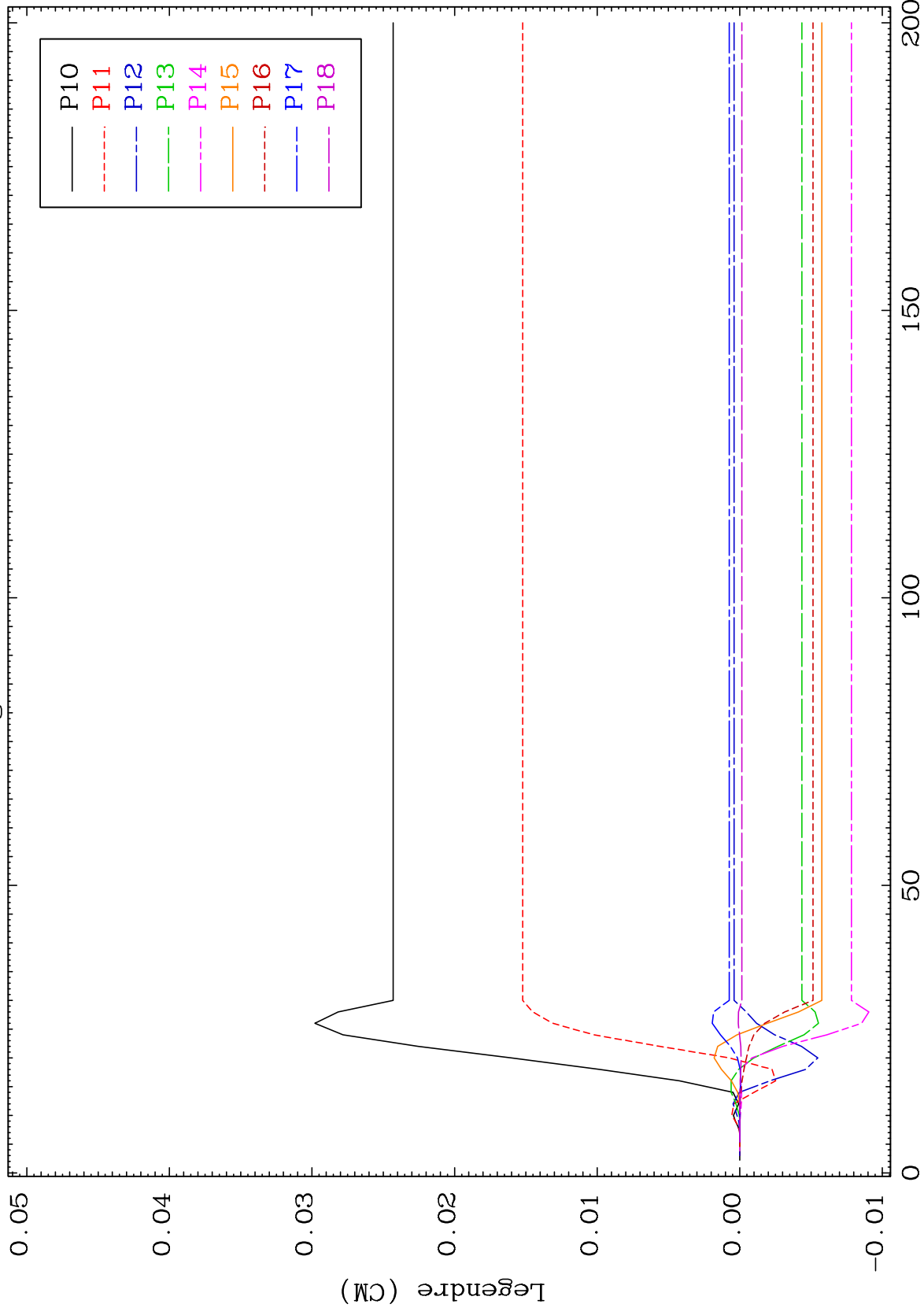
Incident Energy (MeV)

117

MAT 6619

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

66-Dy-154



118

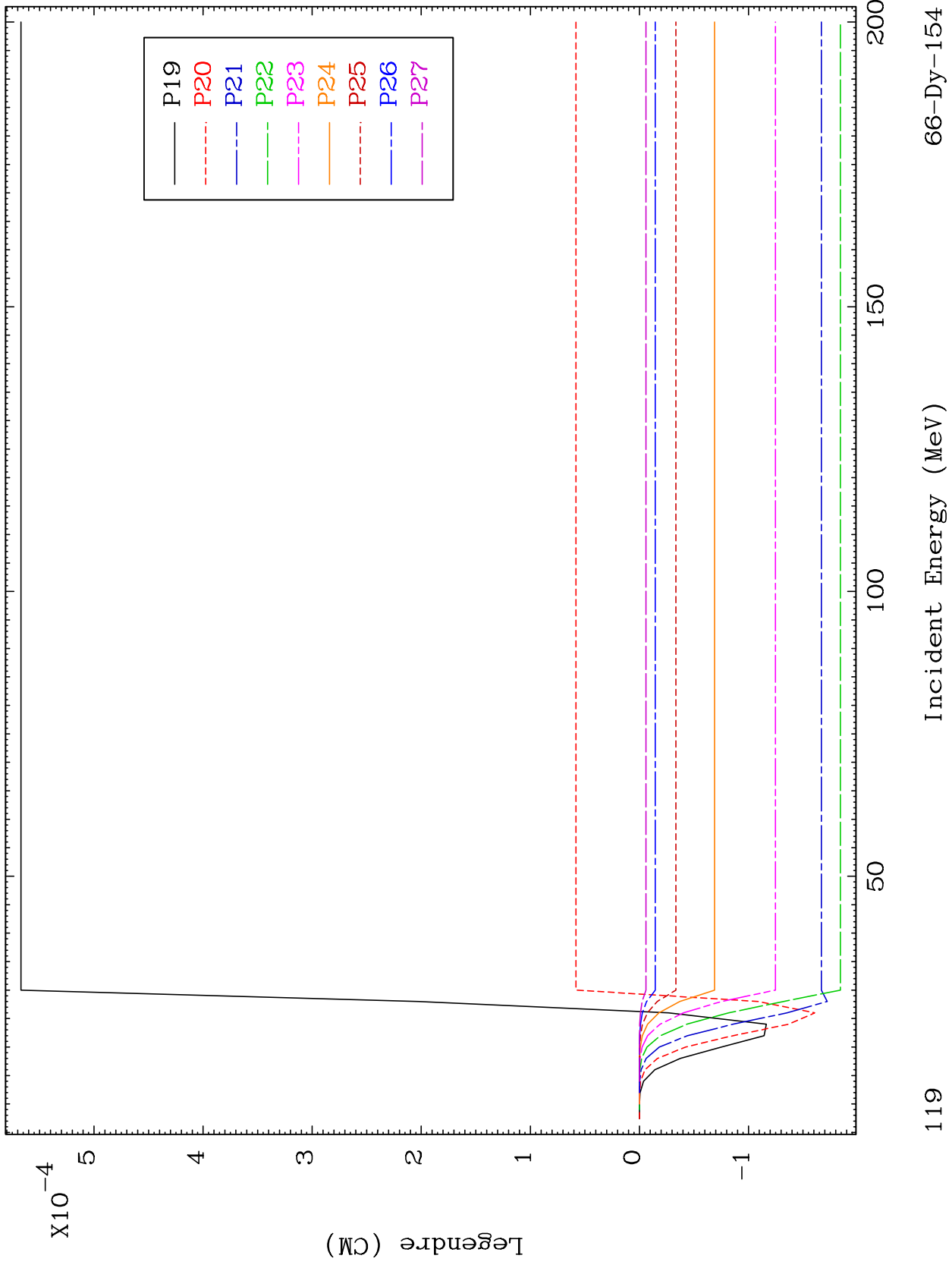
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

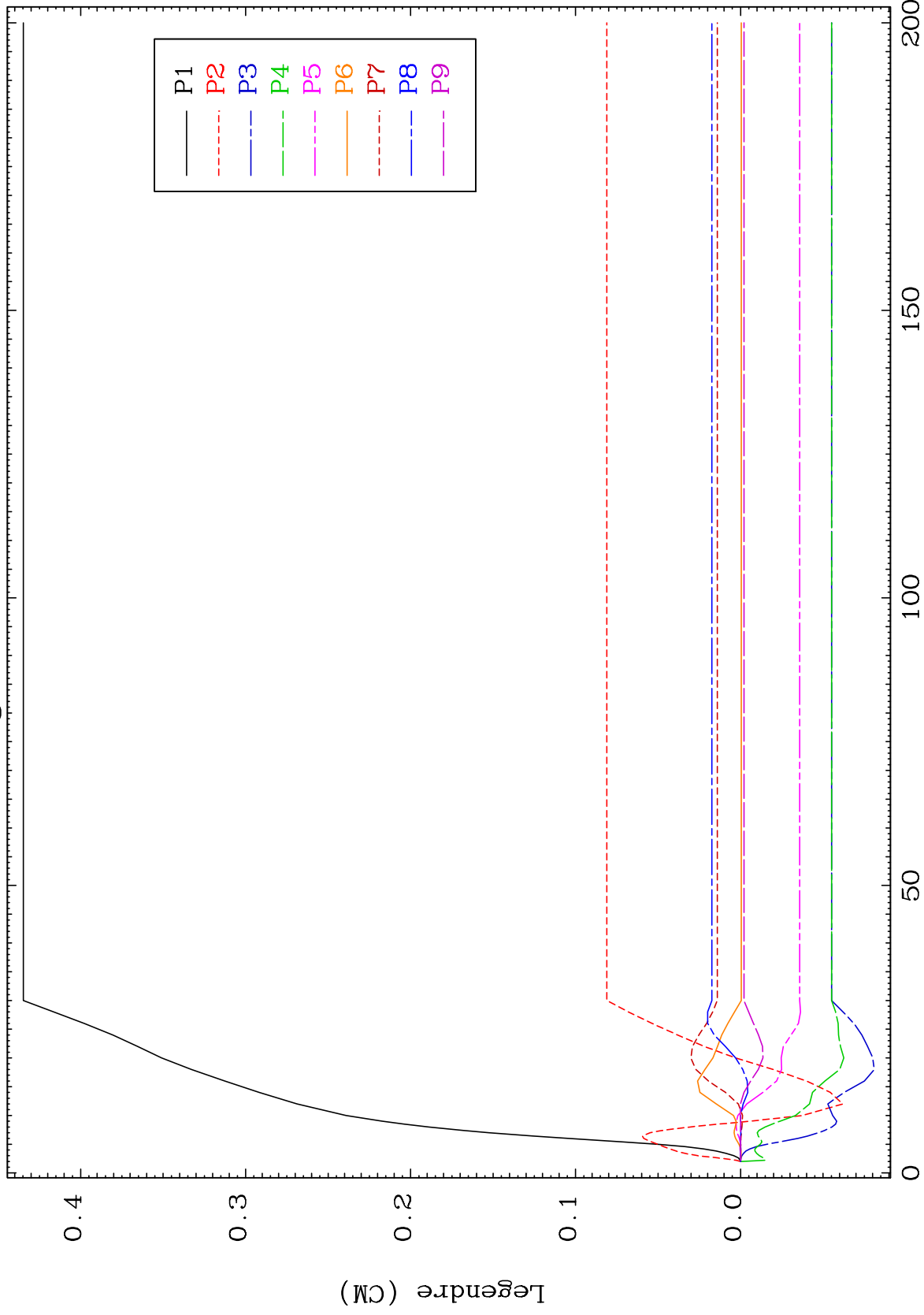
66-Dy-154



MAT 6619

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

66-Dy-154



121

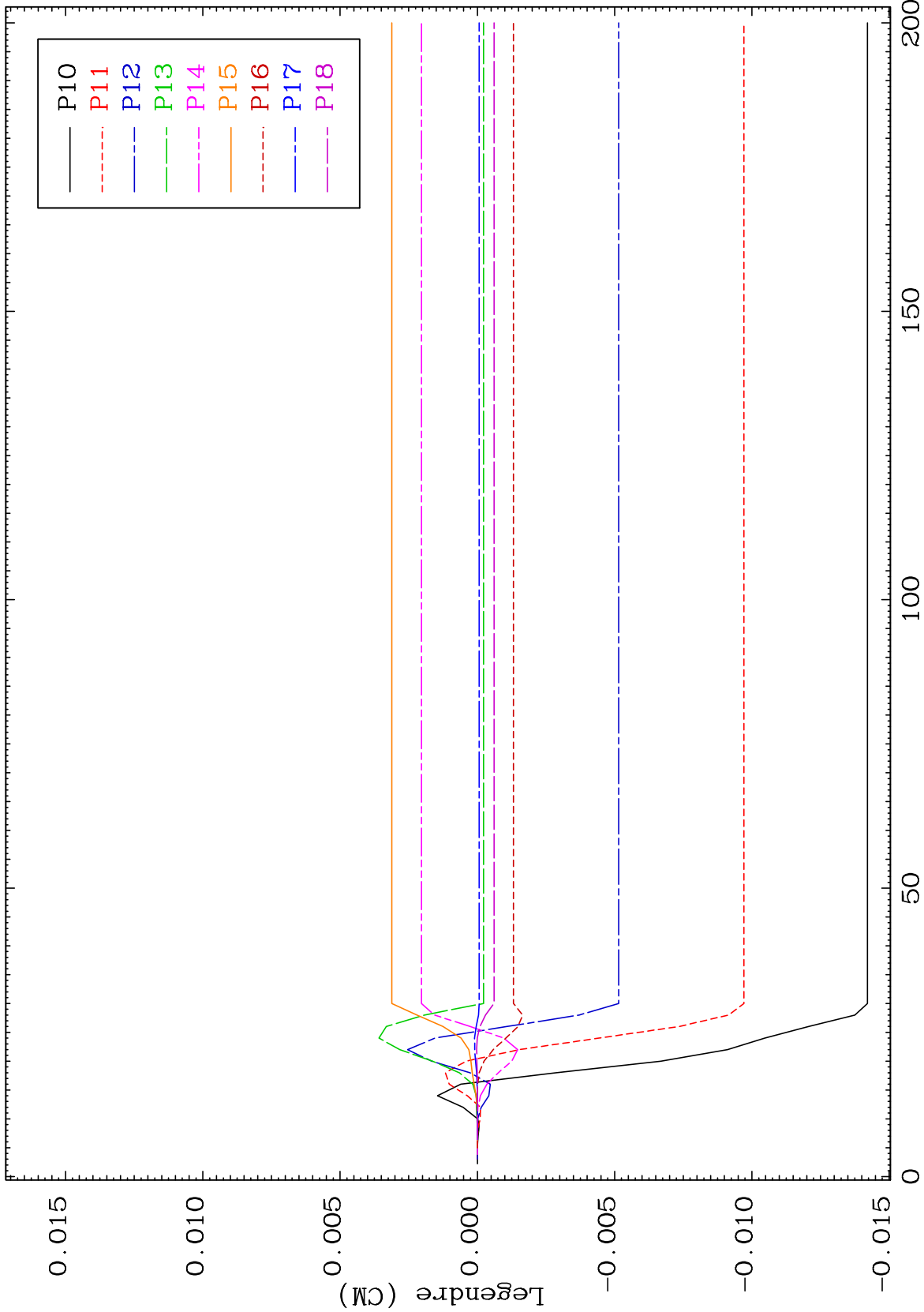
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



122

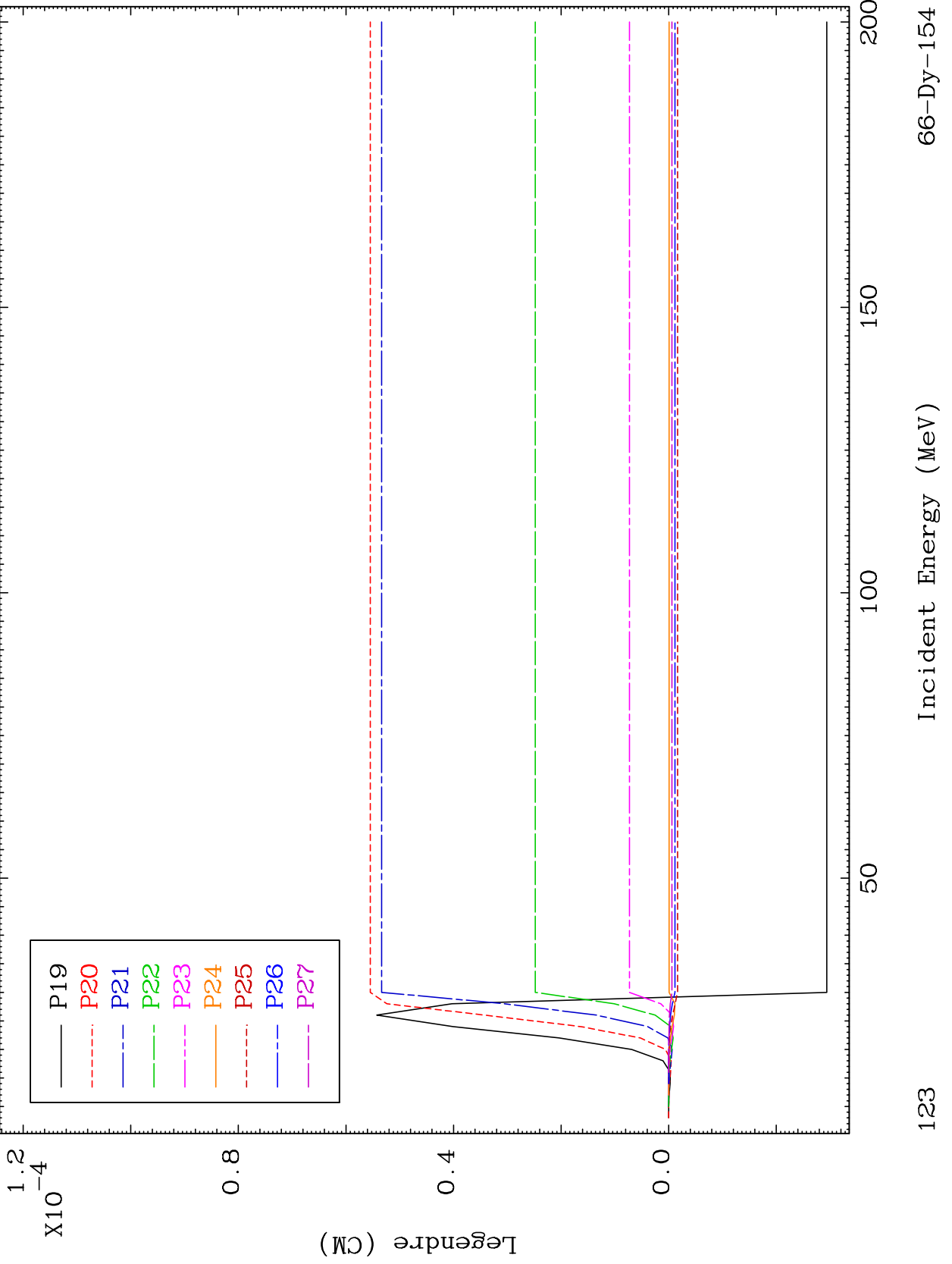
Incident Energy (MeV)

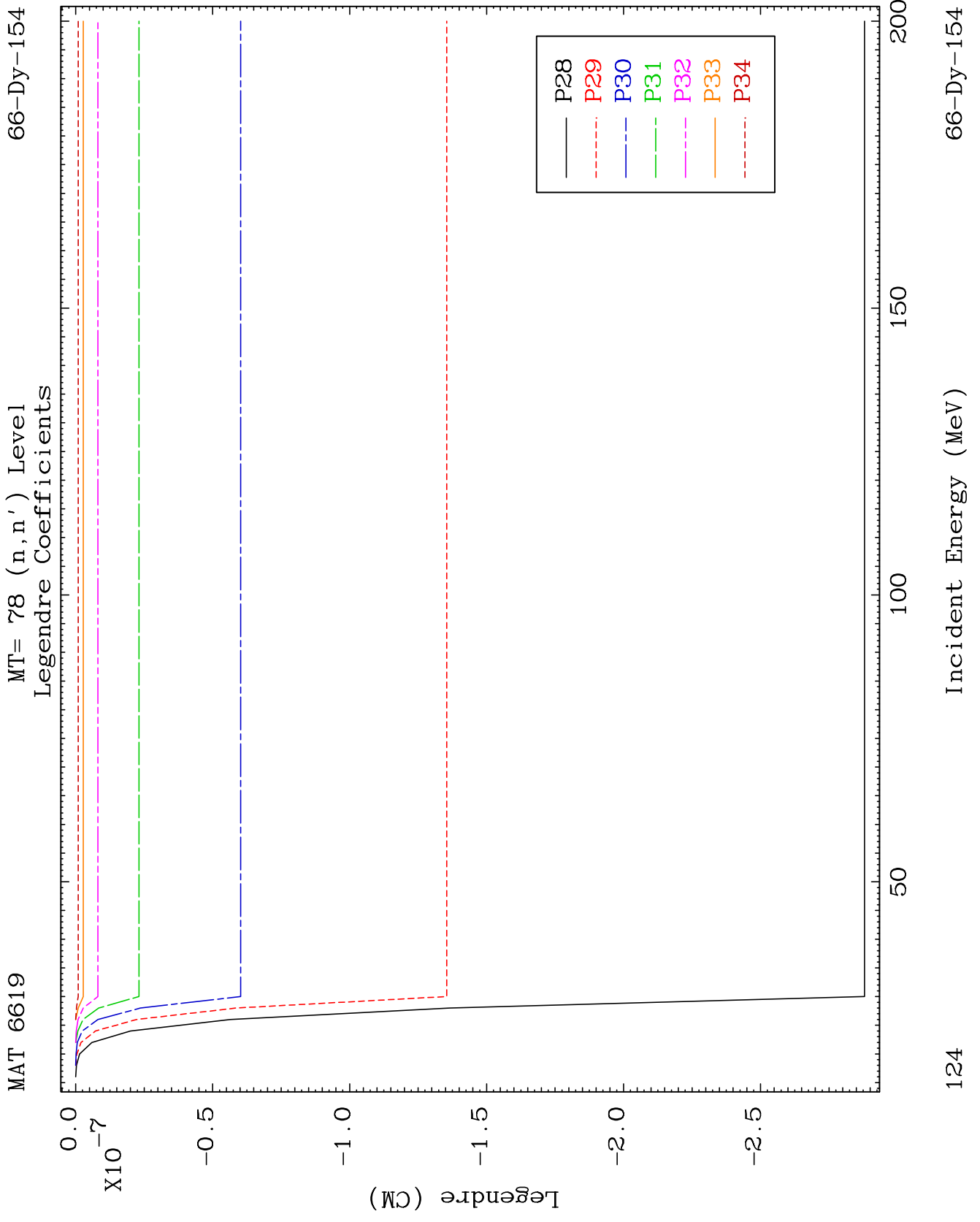
66-Dy-154

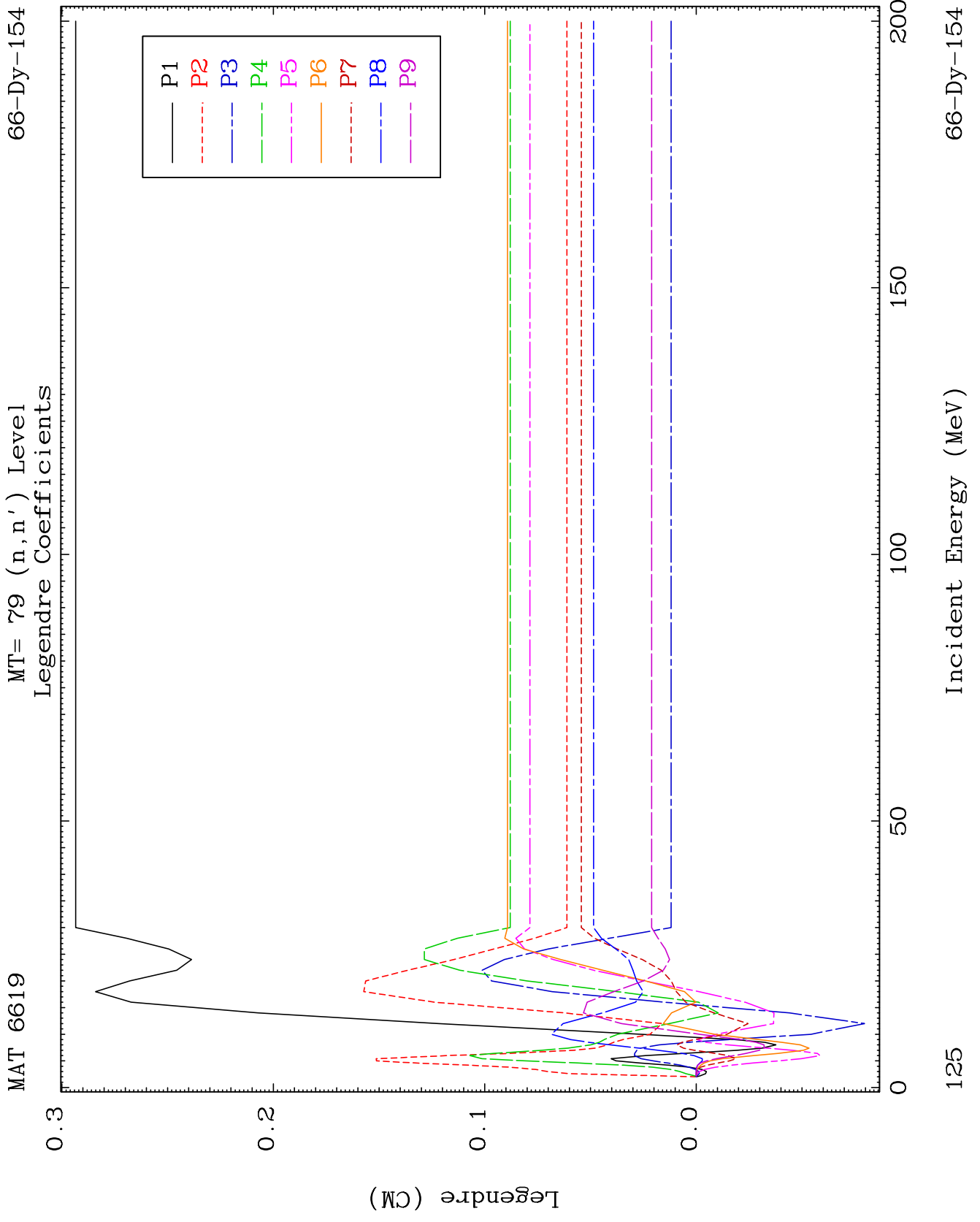
MAT 6619

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

66-Dy-154



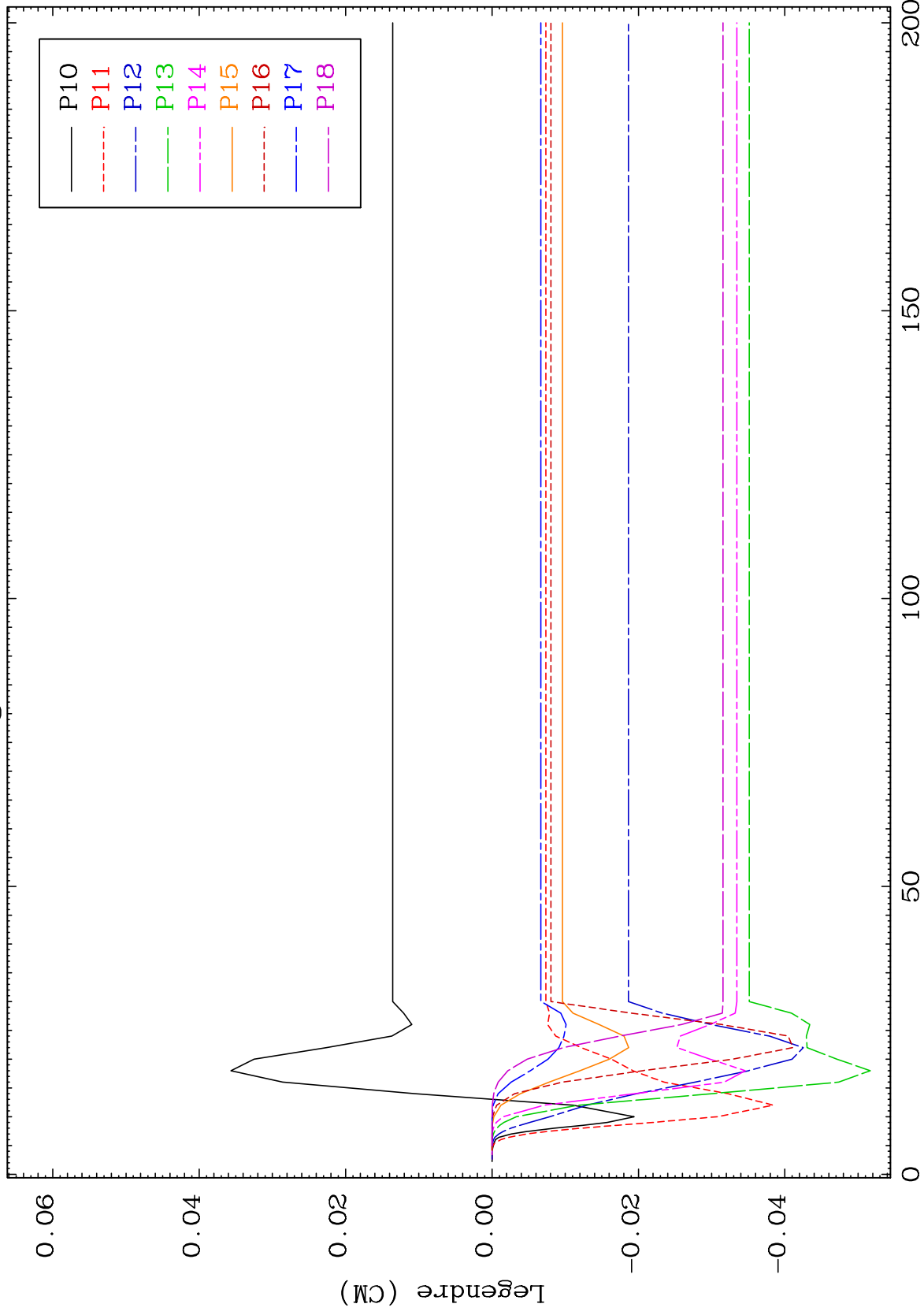




MAT 6619

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

66-Dy-154



126

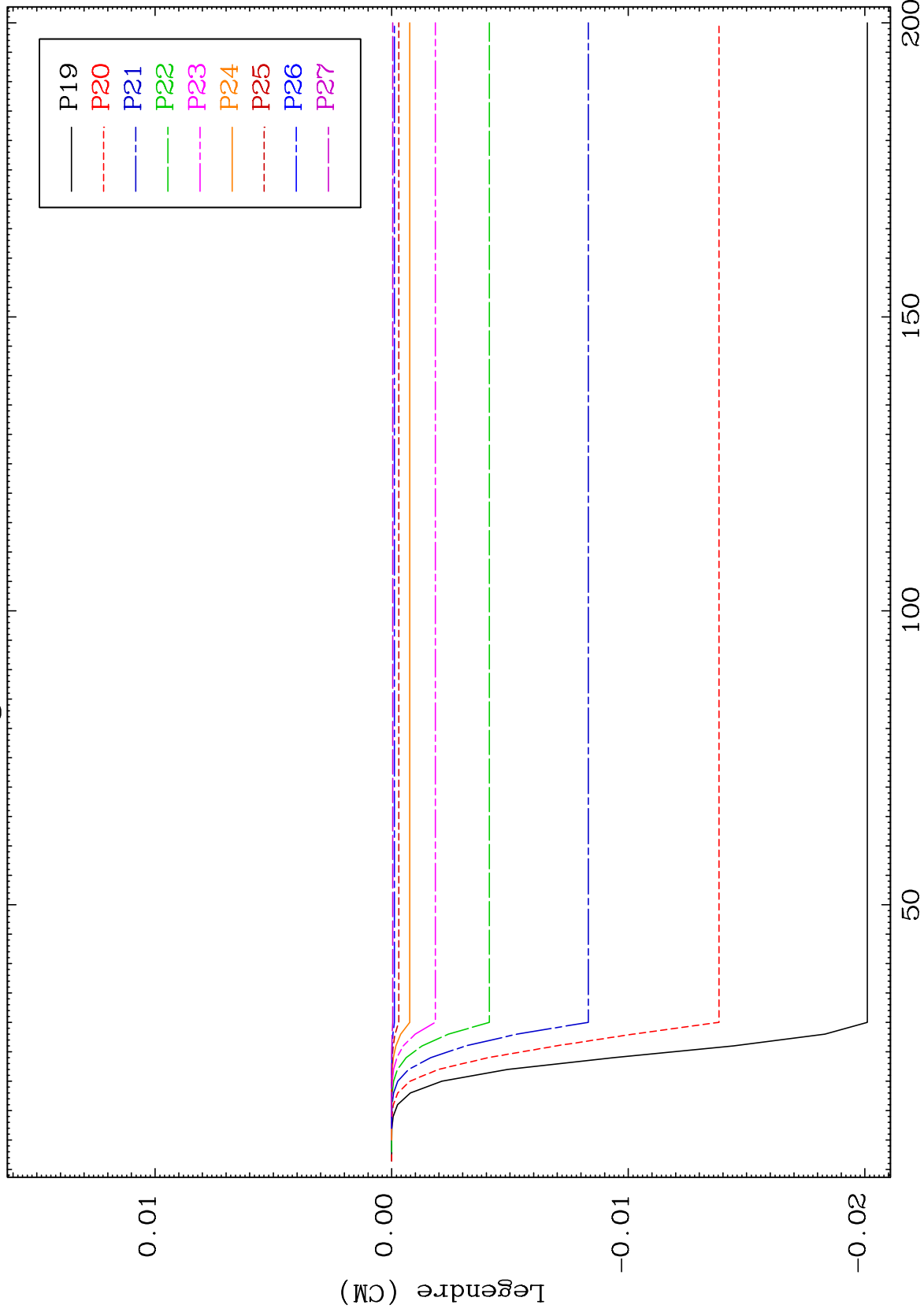
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

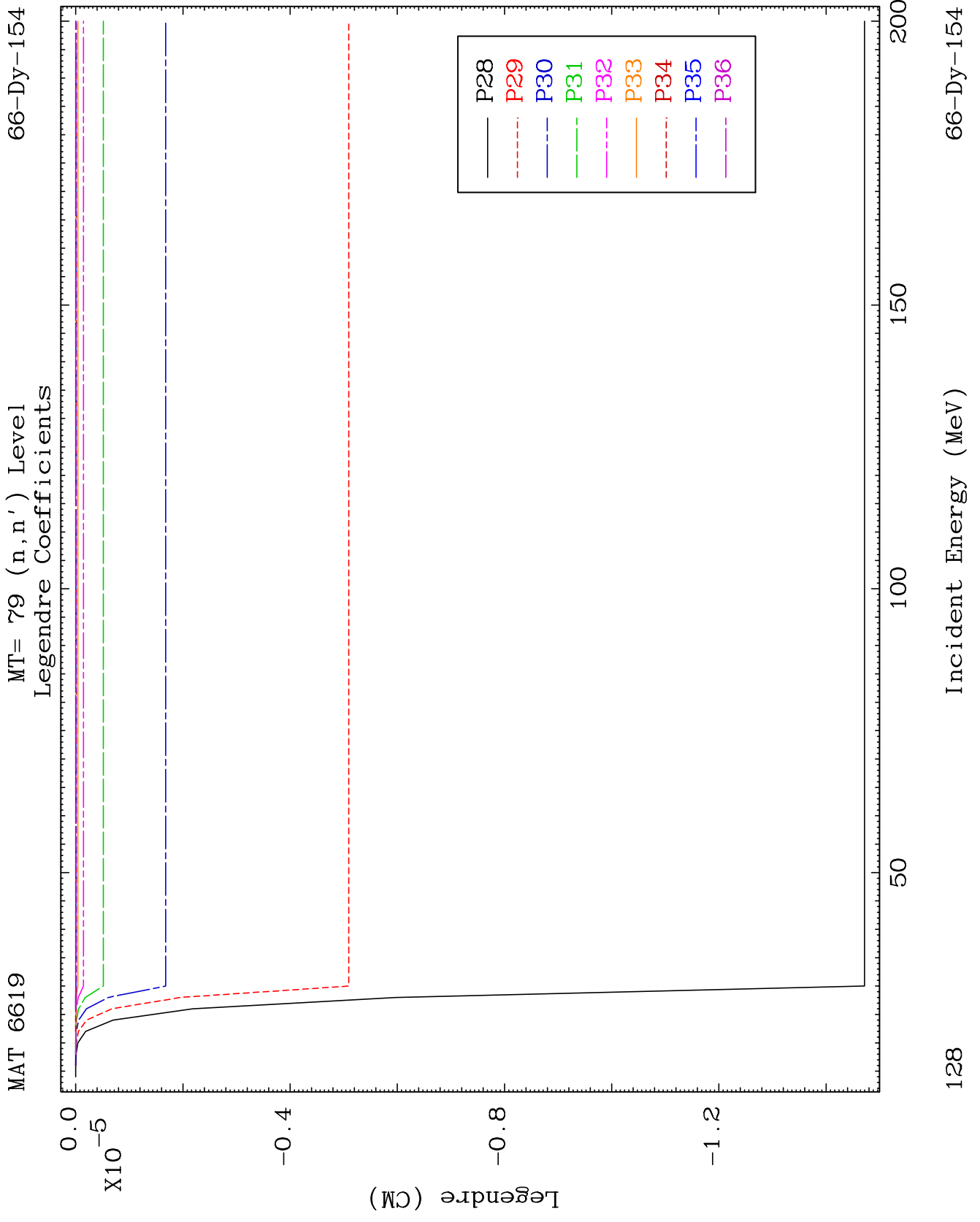
66-Dy-154



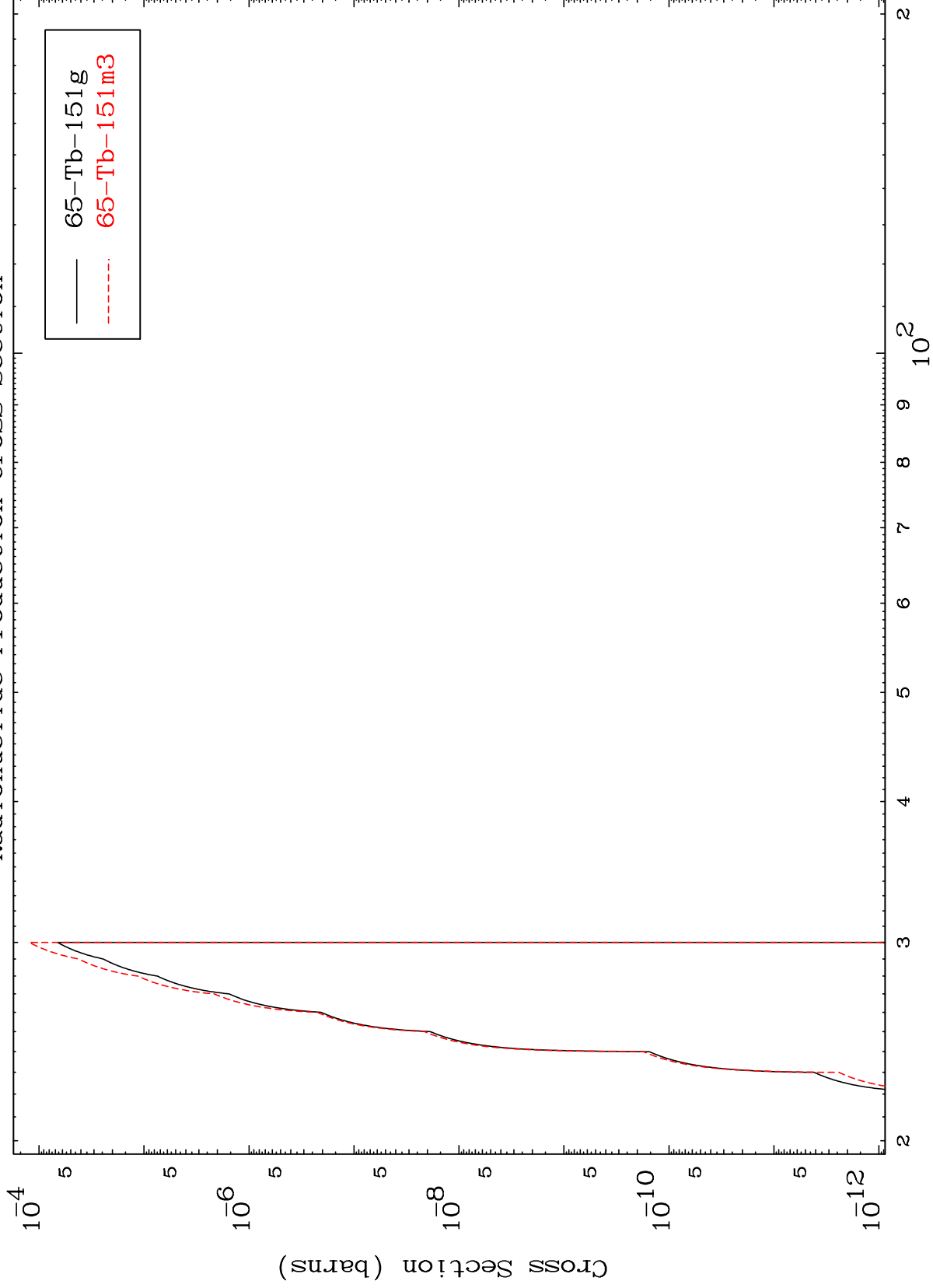
127

Incident Energy (MeV)

66-Dy-154



Radionuclide Production Cross Section

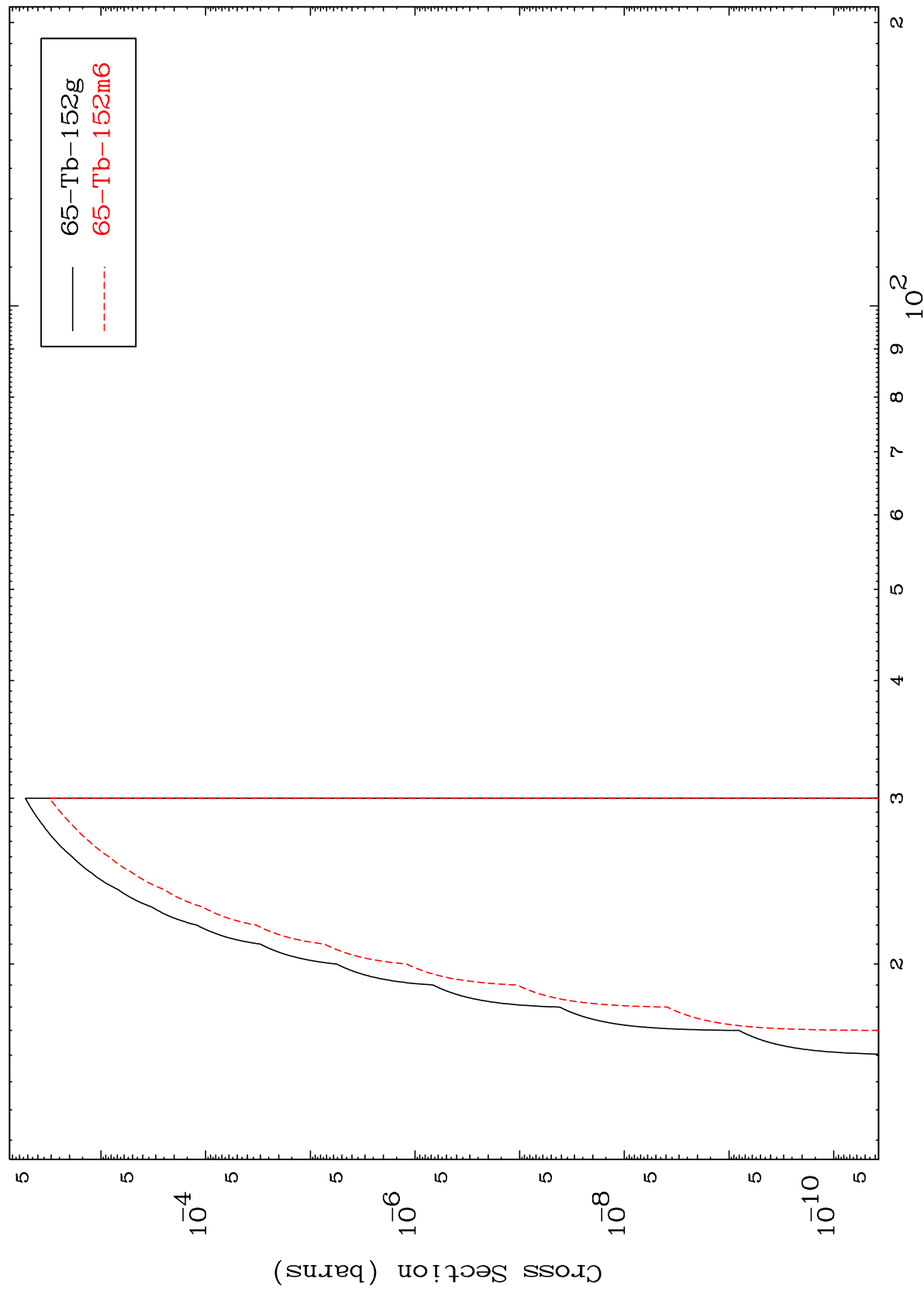


MAT 6619

(n,n') d

66-Dy-154

Radionuclide Production Cross Section



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

130

Incident Energy (MeV)

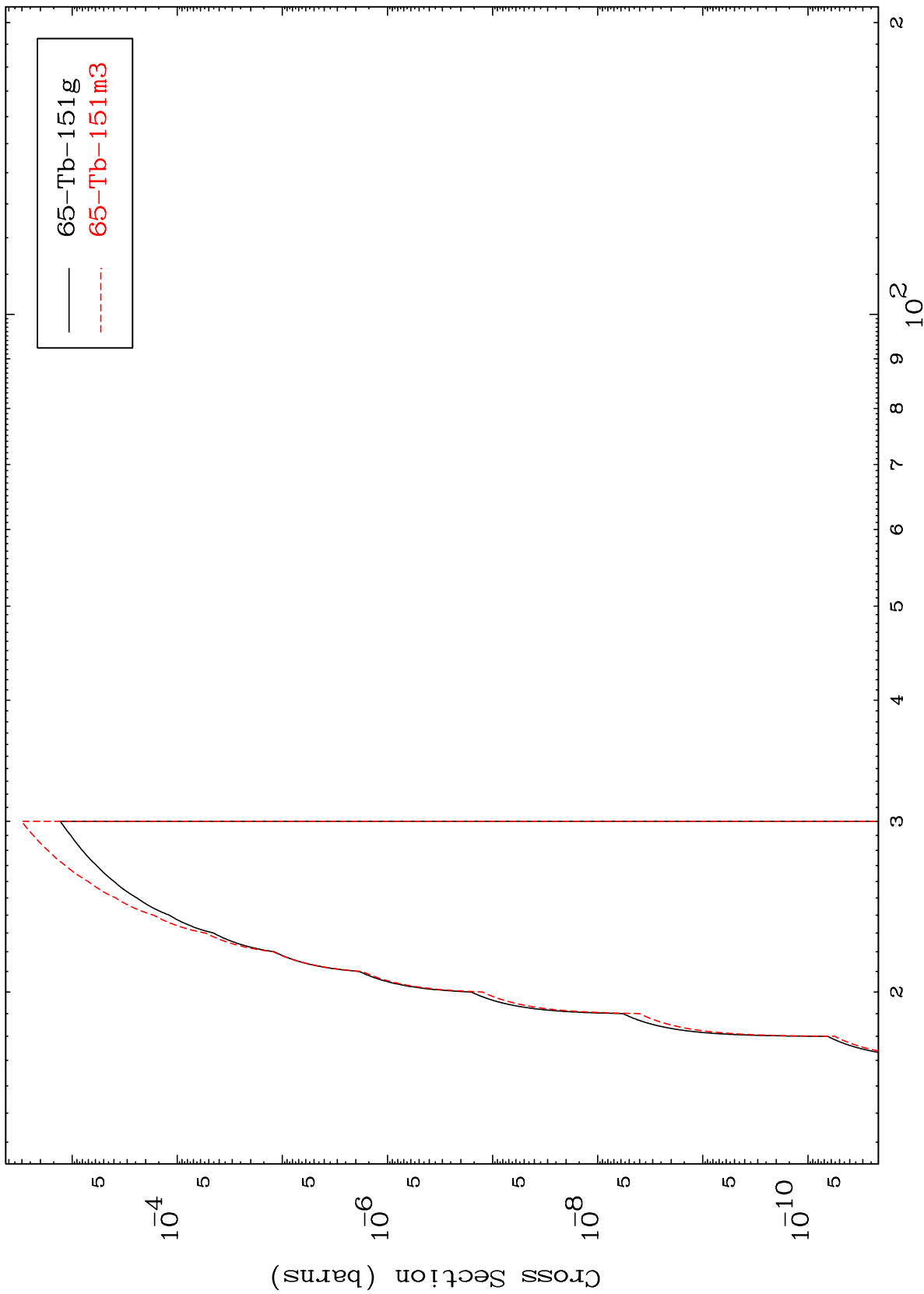
66-Dy-154

MAT 6619

(n,n') t

66-Dy-154

Radionuclide Production Cross Section



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

131

Incident Energy (MeV)

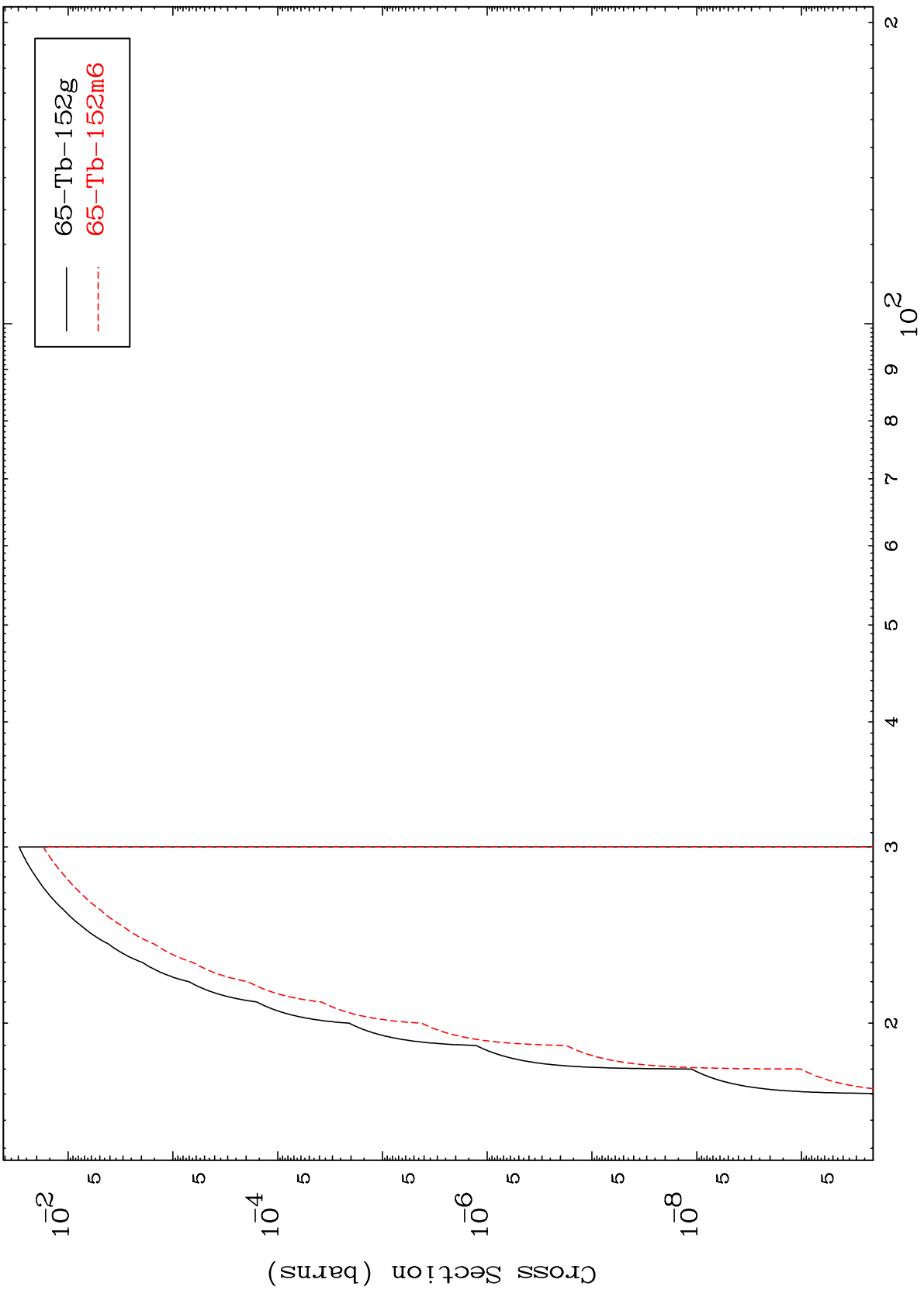
66-Dy-154

MAT 6619

(n,2n) p

66-Dy-154

Radionuclide Production Cross Section



132

Incident Energy (MeV)

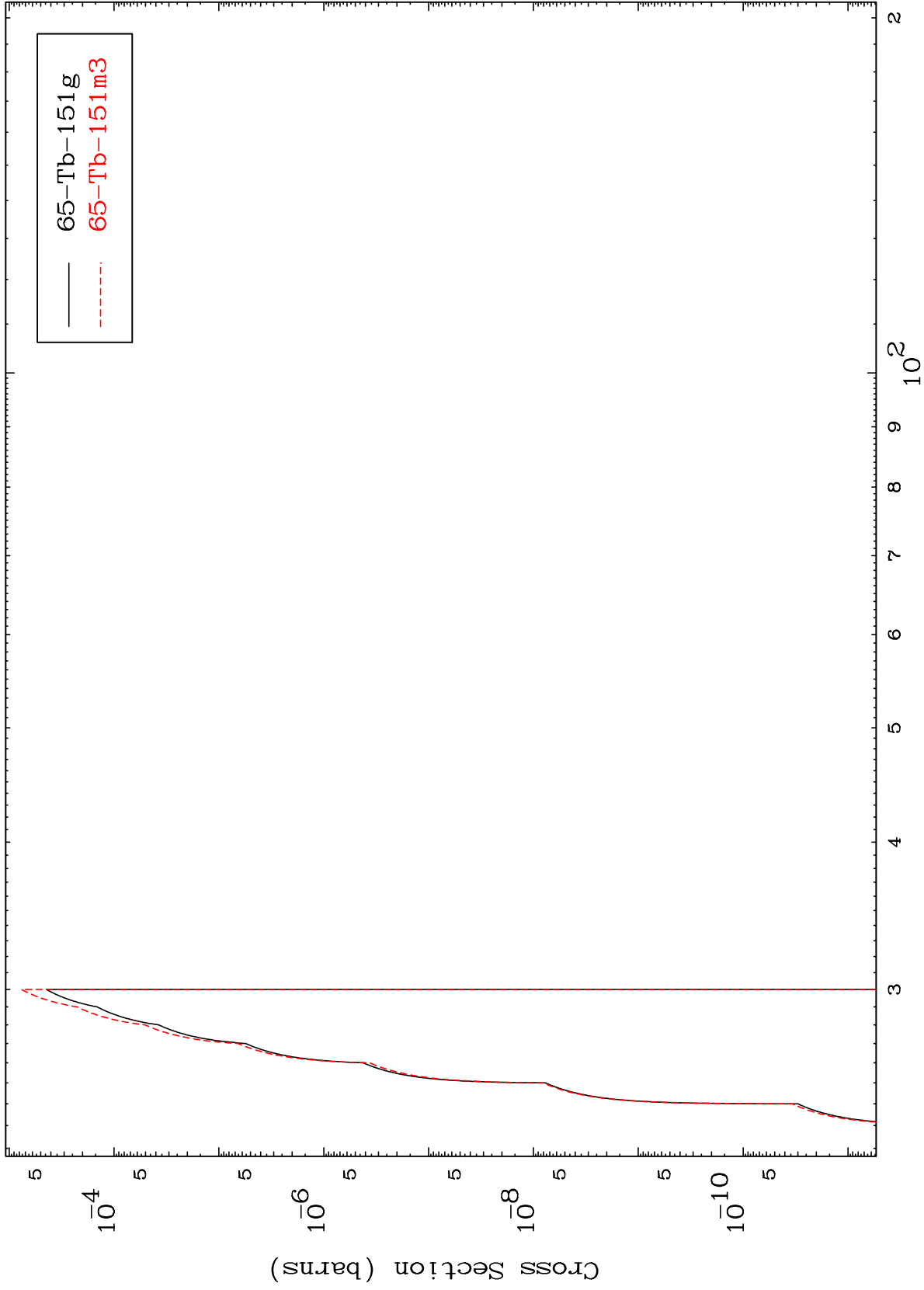
66-Dy-154

MAT 6619

(n,3n) p

66-Dy-154

Radionuclide Production Cross Section



133

Incident Energy (MeV)

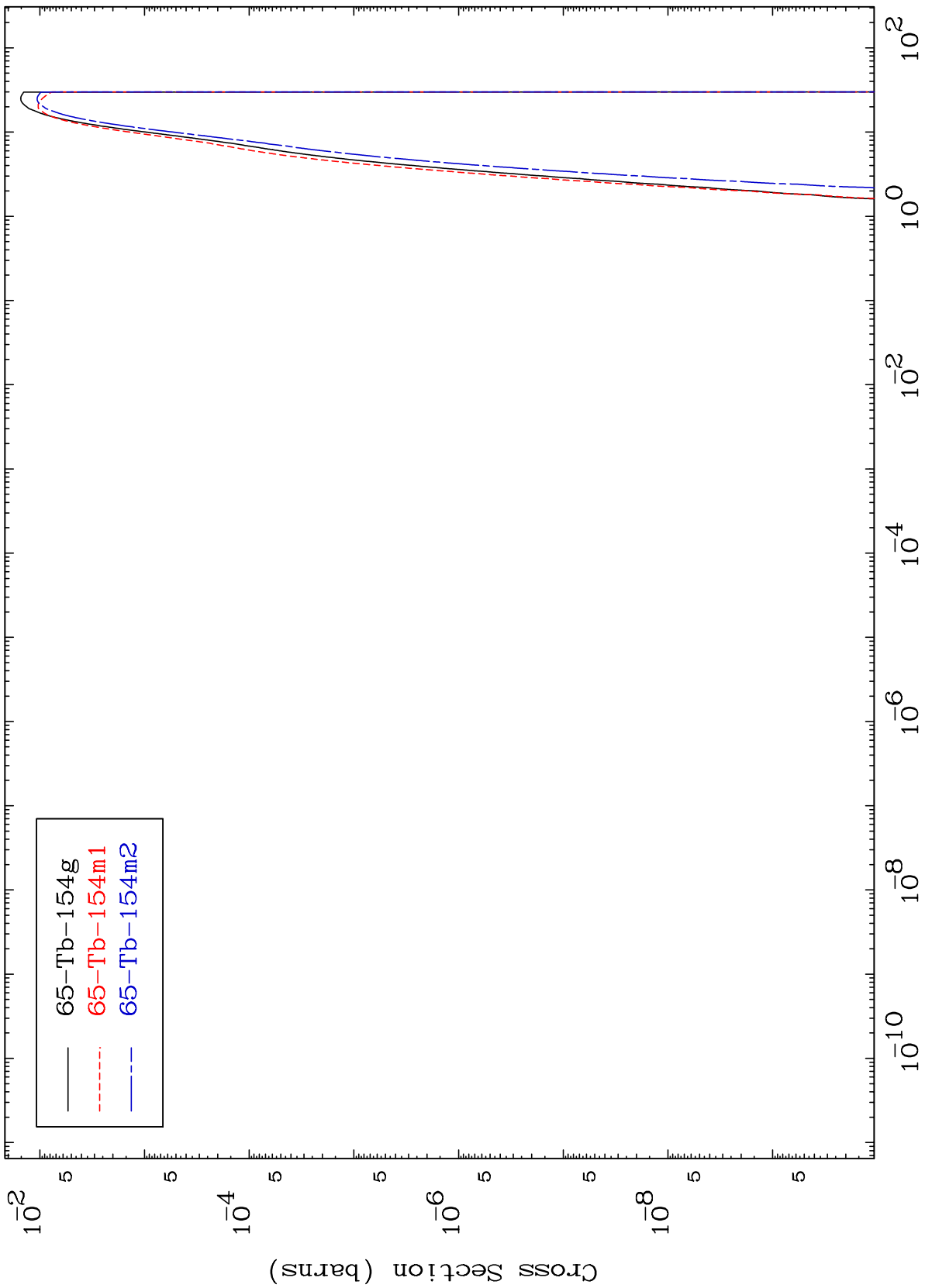
66-Dy-154

MAT 6619

(n,p)

66-Dy-154

Radionuclide Production Cross Section



134

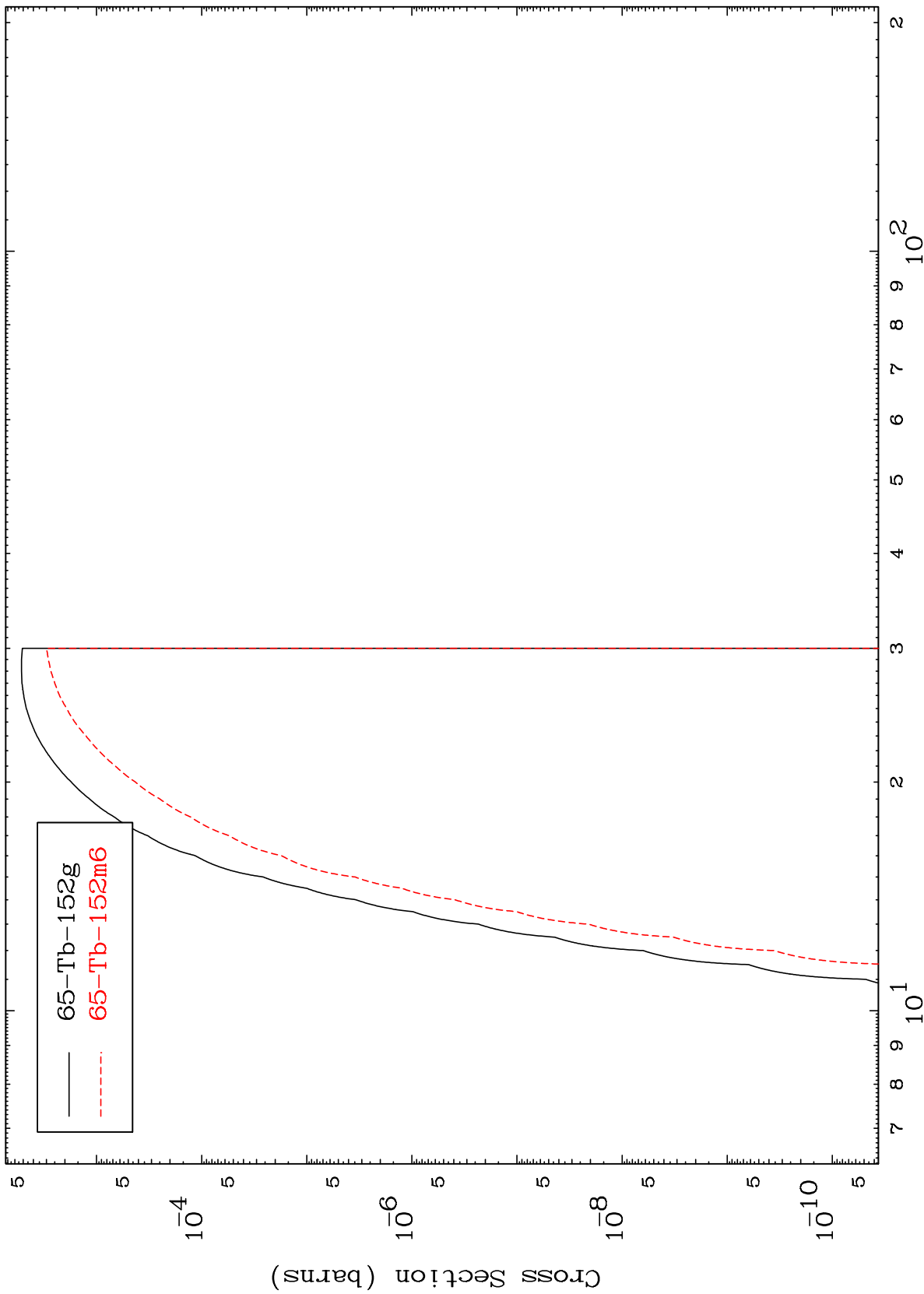
Incident Energy (MeV)

66-Dy-154

MAT 6619

66-Dy-154

(n, t)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

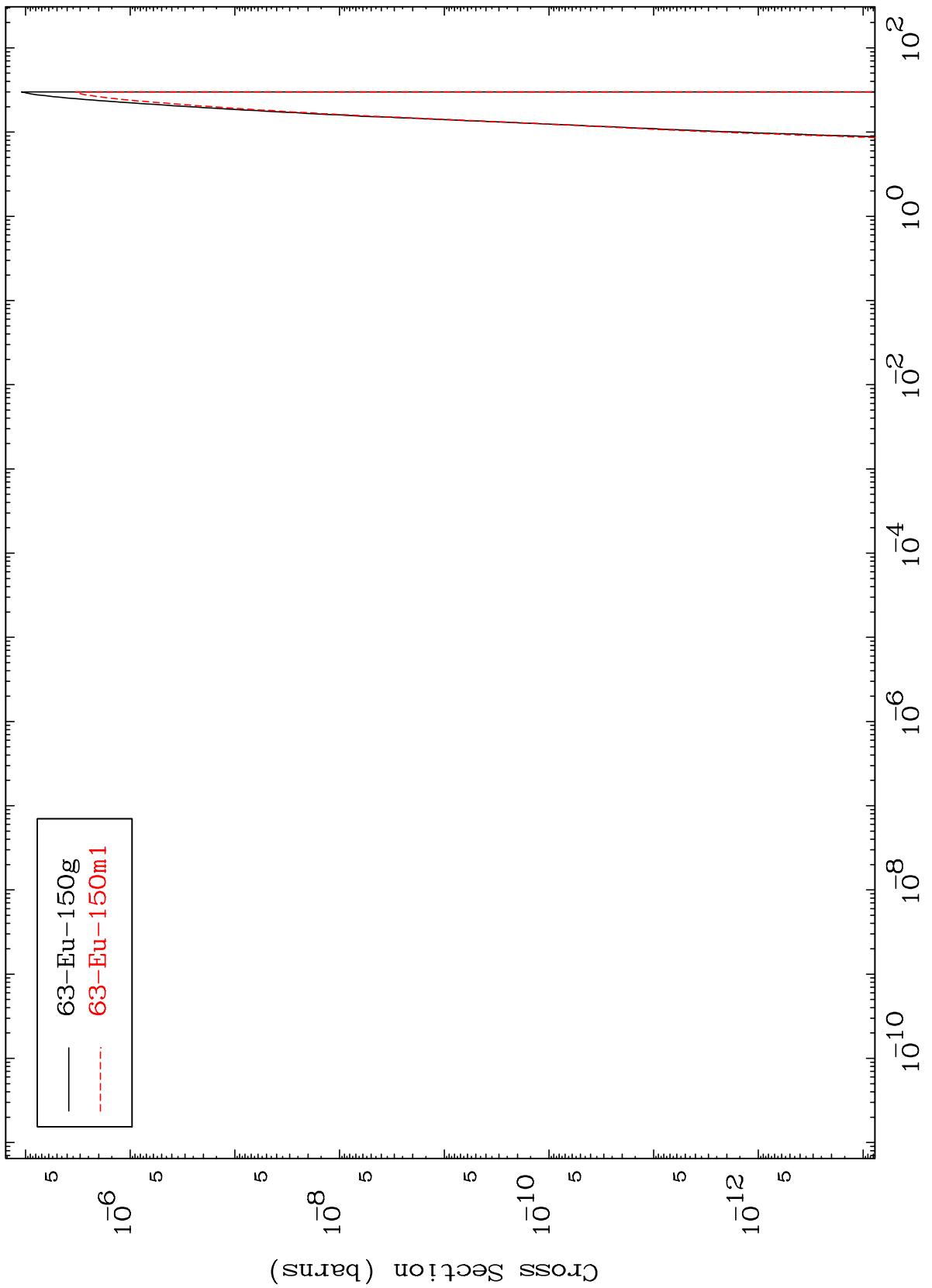
66-Dy-154

MAT 6619

(n,p) α

66-Dy-154

Radionuclide Production Cross Section



136

Incident Energy (MeV)

66-Dy-154