

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

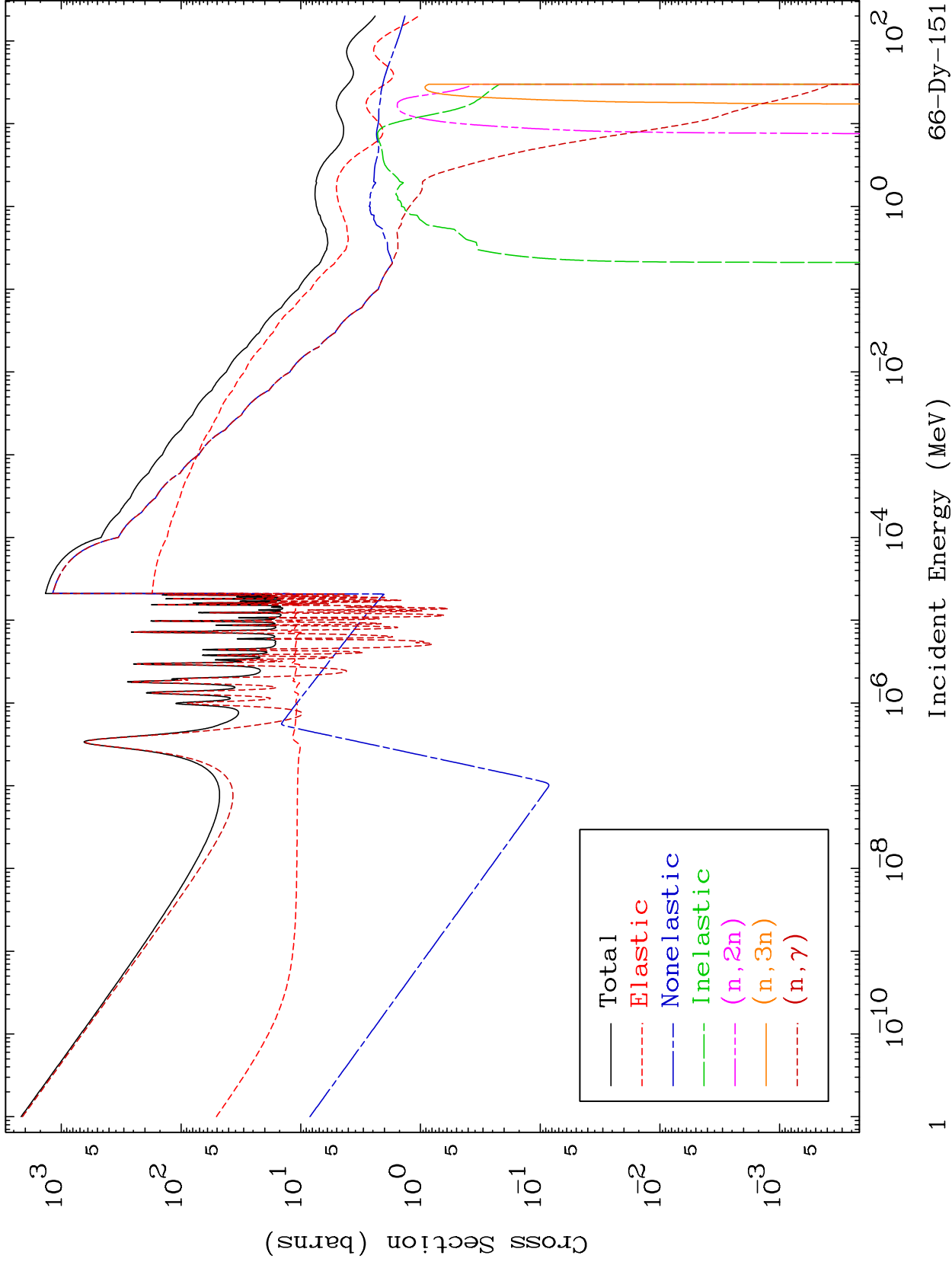
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6610

Neutron Major
293 Kelvin Cross Sections

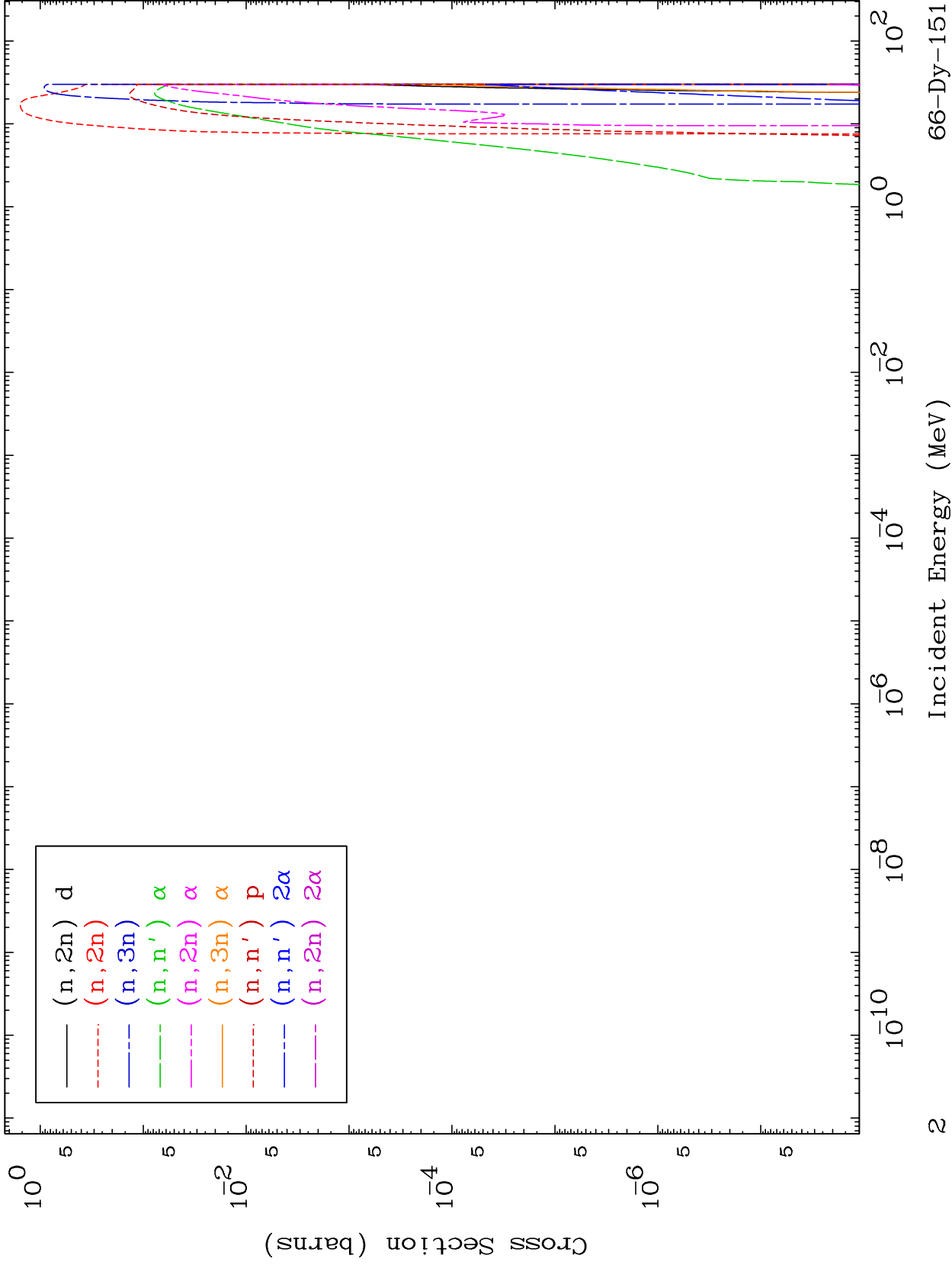
66-Dy-151



MAT 6610

Neutron Absorption
293 Kelvin Cross Sections

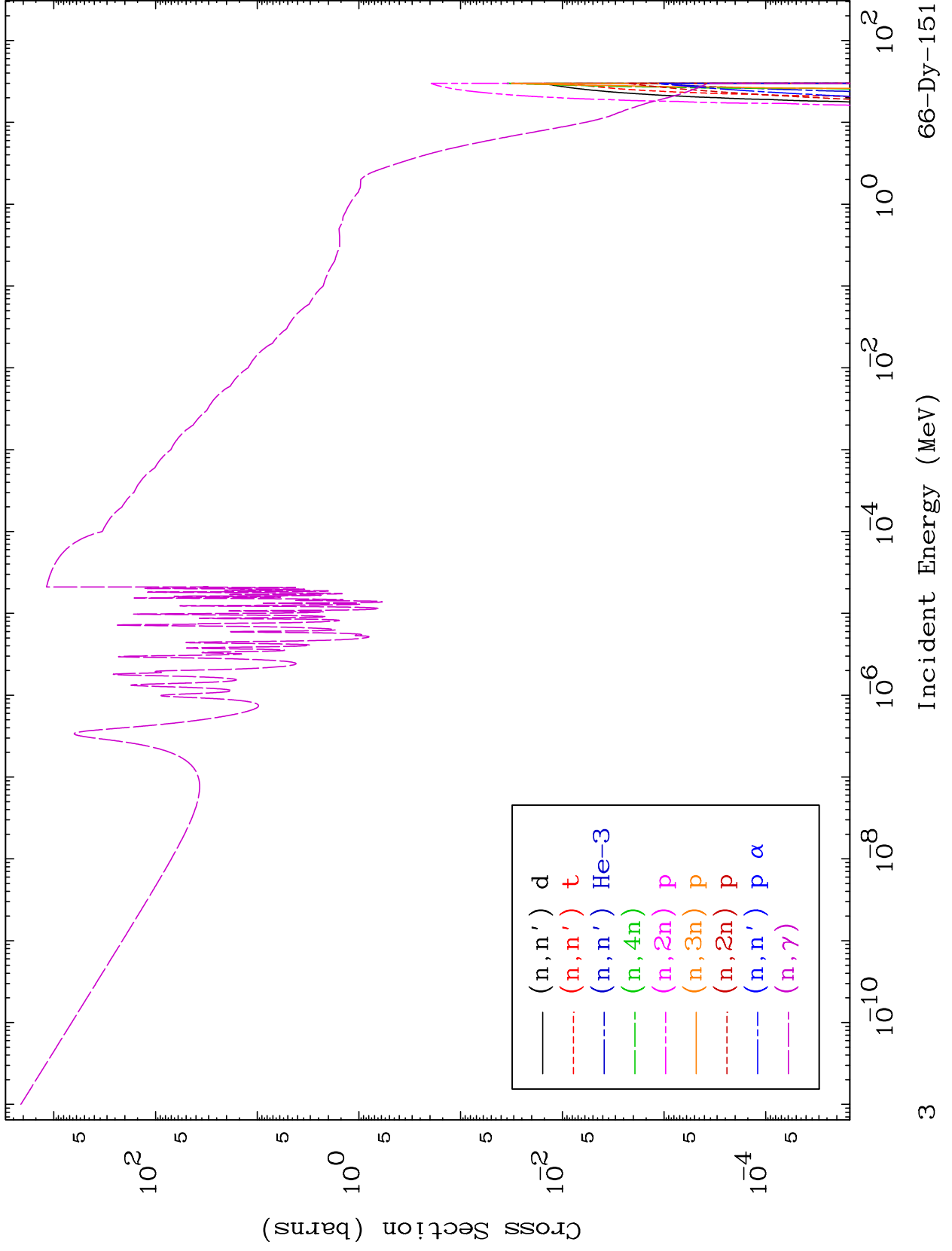
66-Dy-151



MAT 6610

Neutron Absorption
293 Kelvin Cross Sections

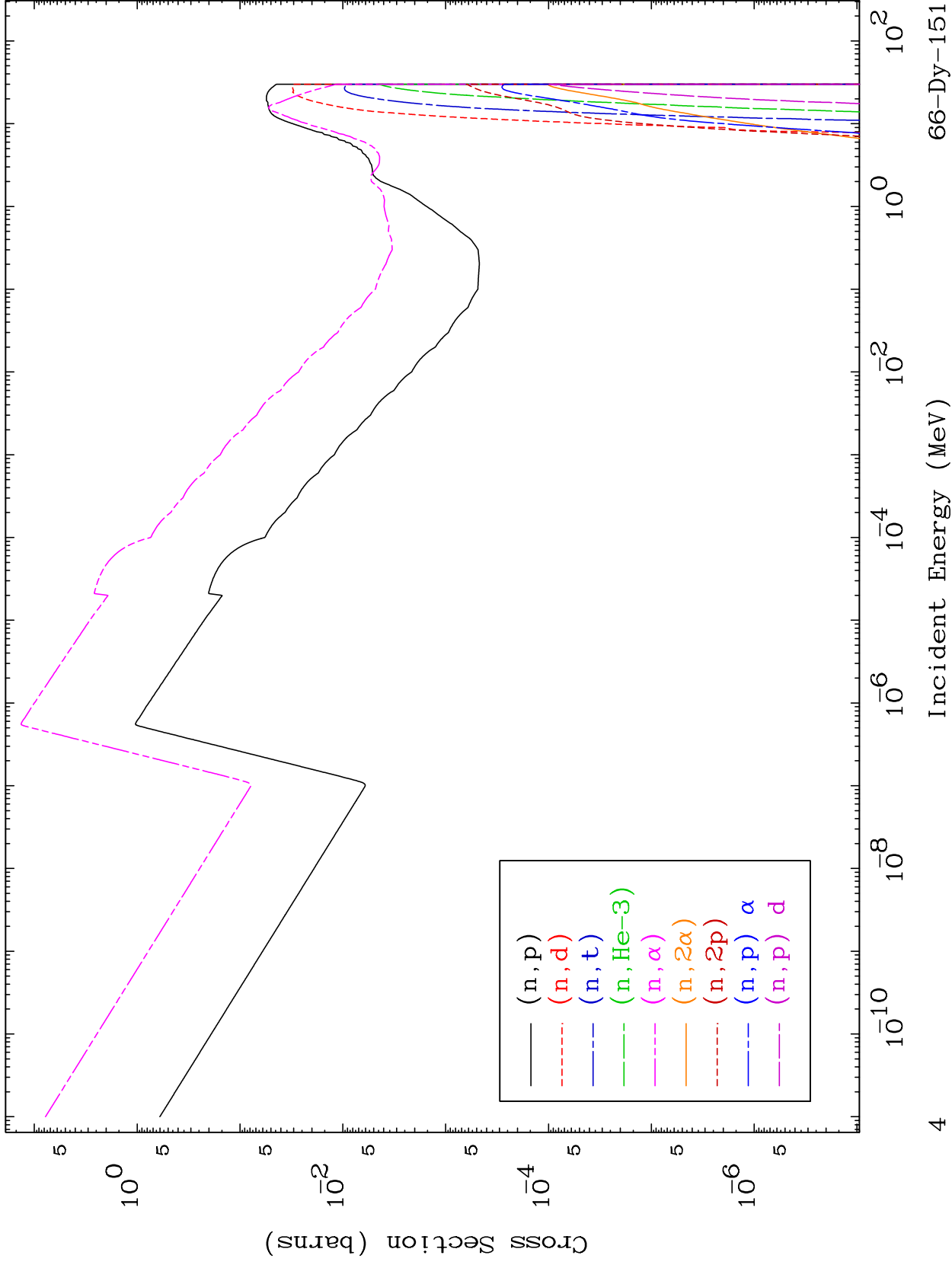
66-Dy-151

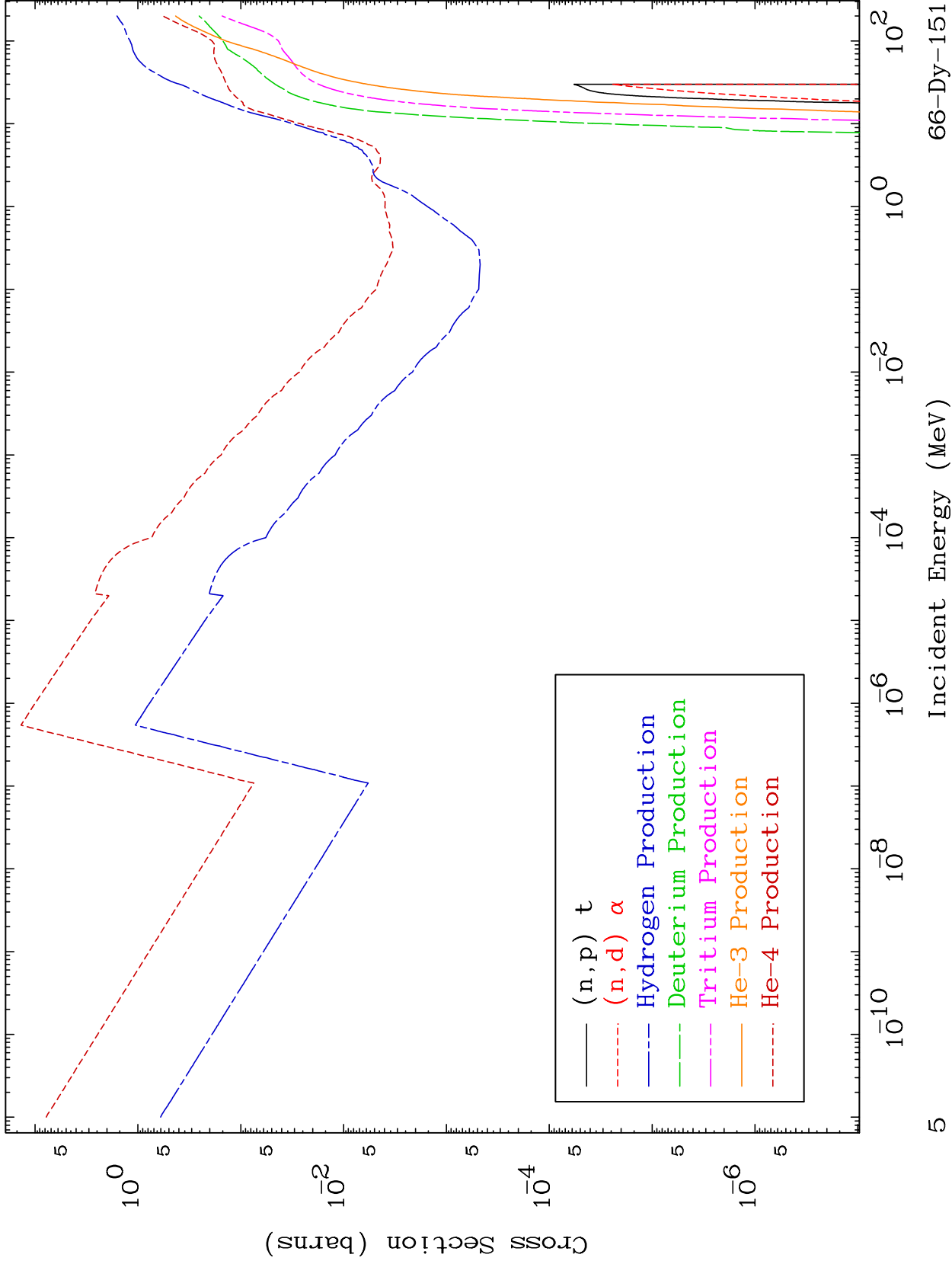


MAT 6610

Neutron Absorption
293 Kelvin Cross Sections

66-Dy-151

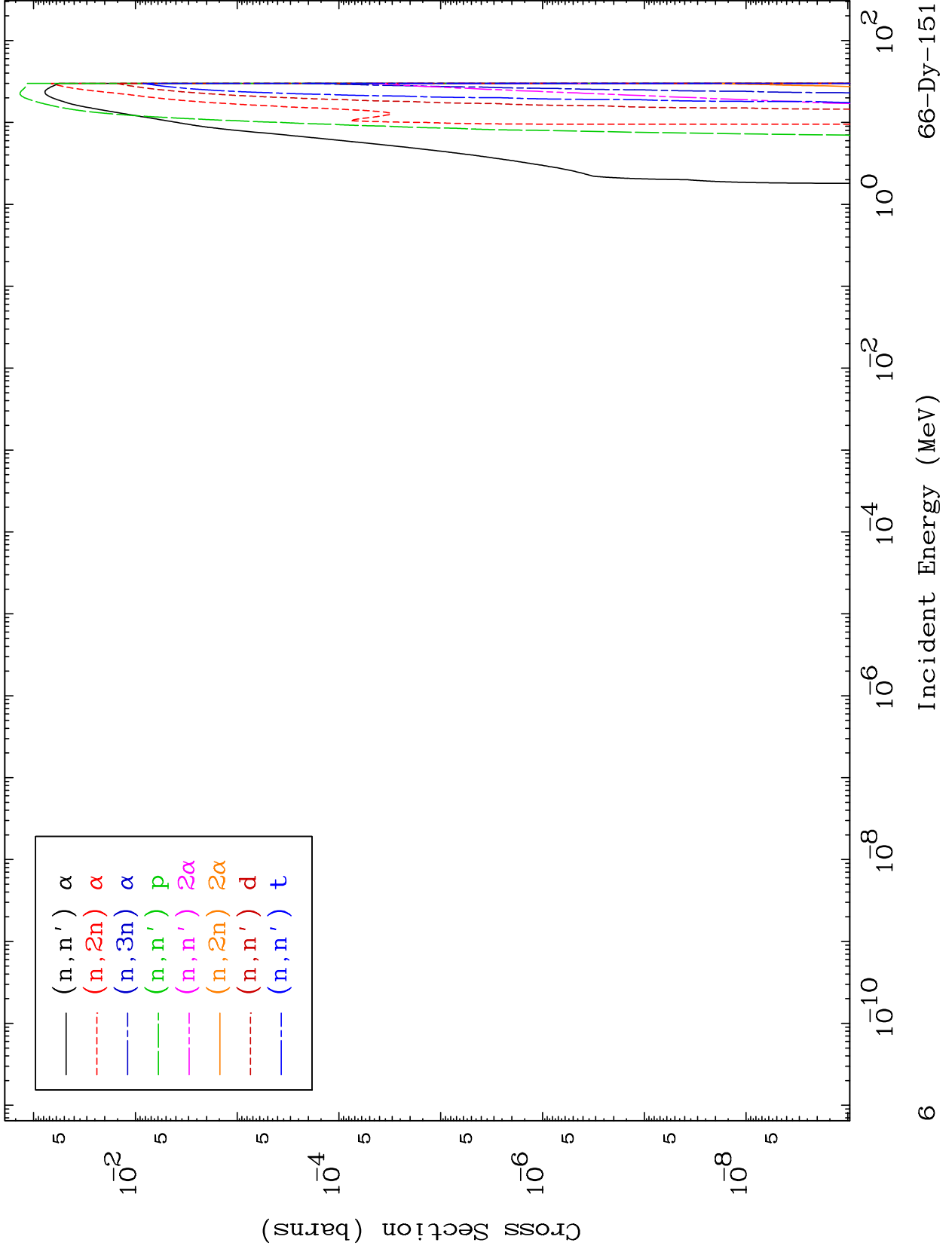


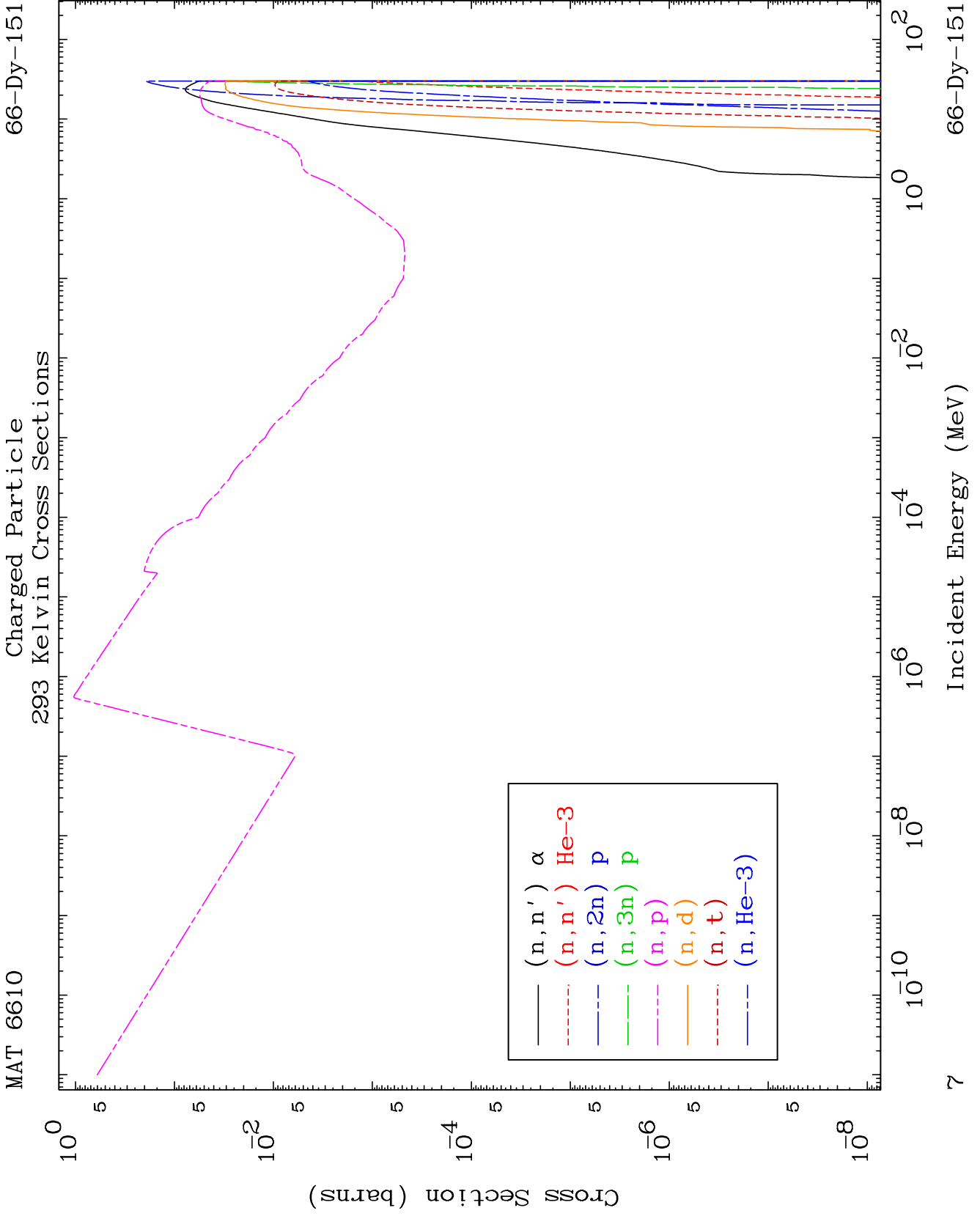


MAT 6610

Charged Particle
293 Kelvin Cross Sections

66-Dy-151





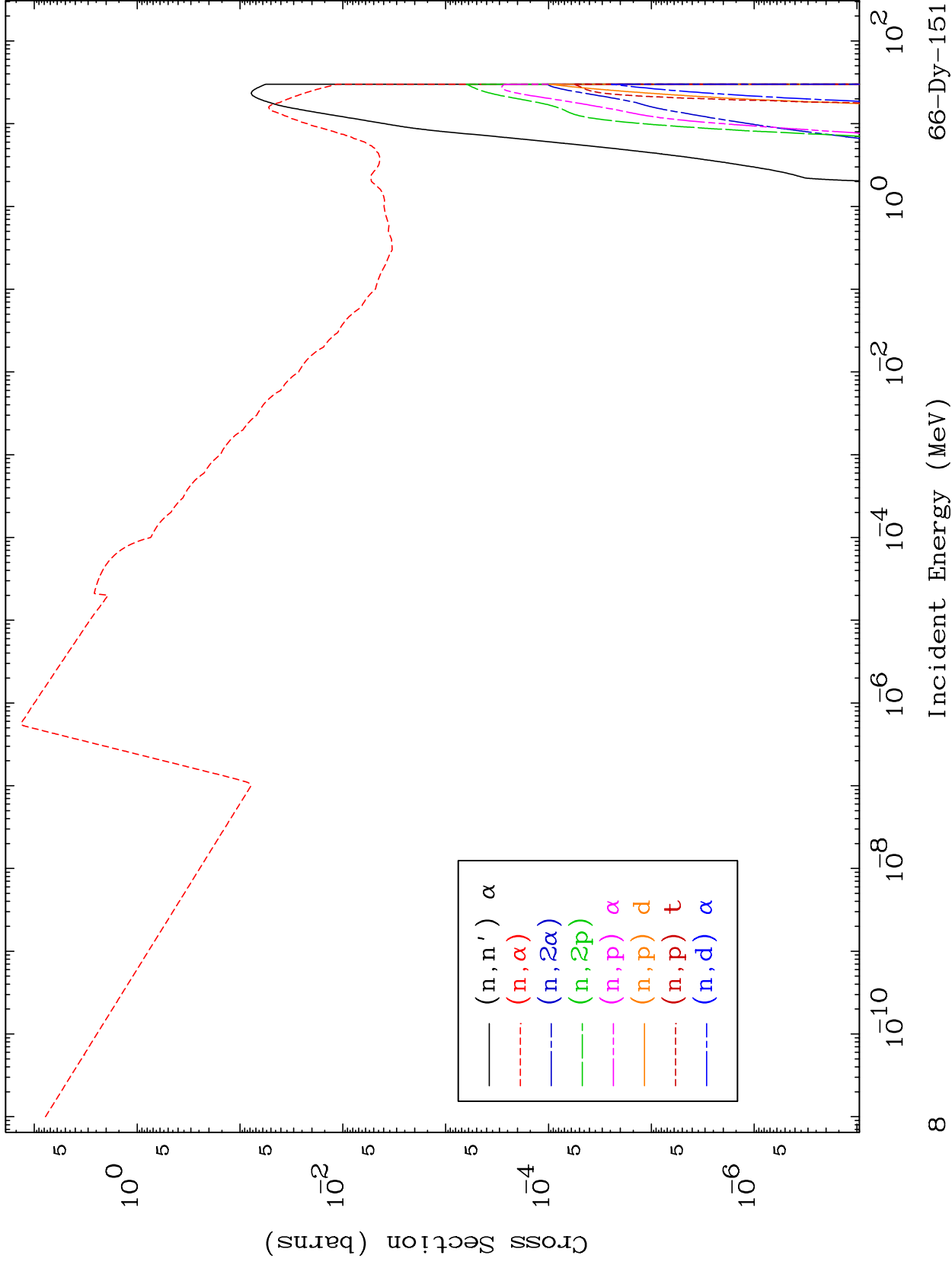
MAT 6610

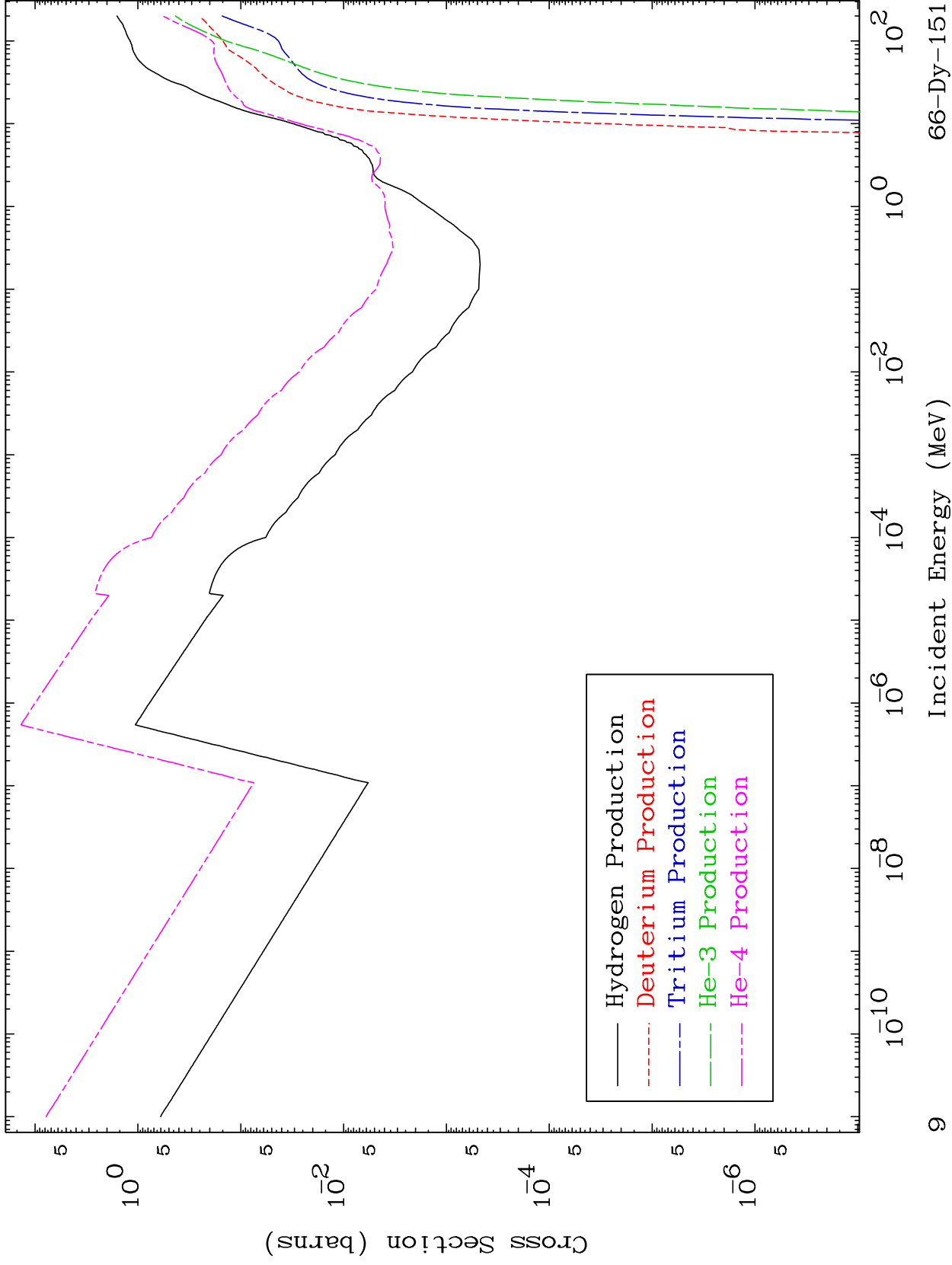
66-Dy-151

MAT 6610

Charged Particle
293 Kelvin Cross Sections

66-Dy-151



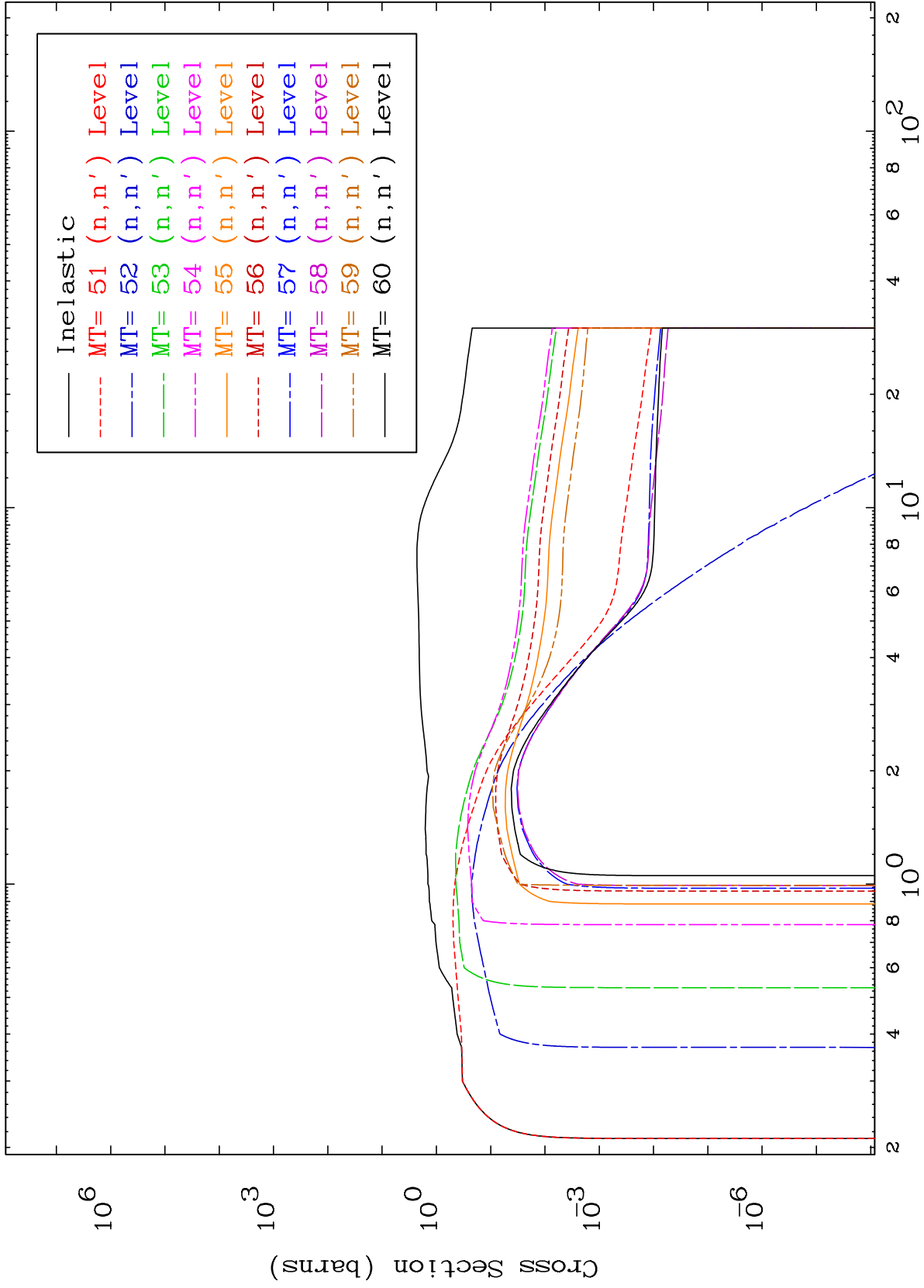


MAT 6610

(n,n') Levels

66-Dy-151

293 Kelvin Cross Sections



10

Incident Energy (MeV)

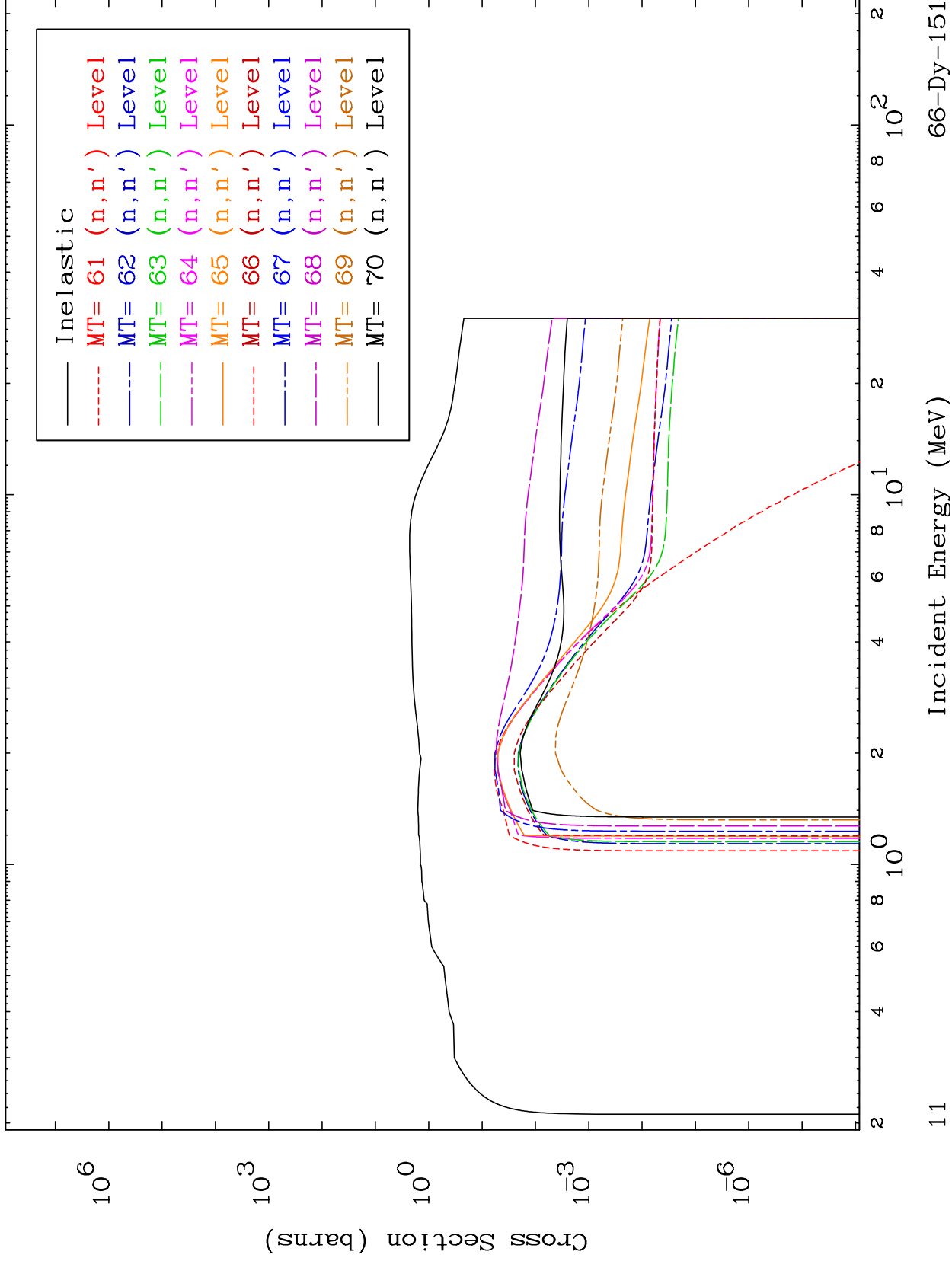
66-Dy-151

MAT 6610

(n,n') Levels

66-Dy-151

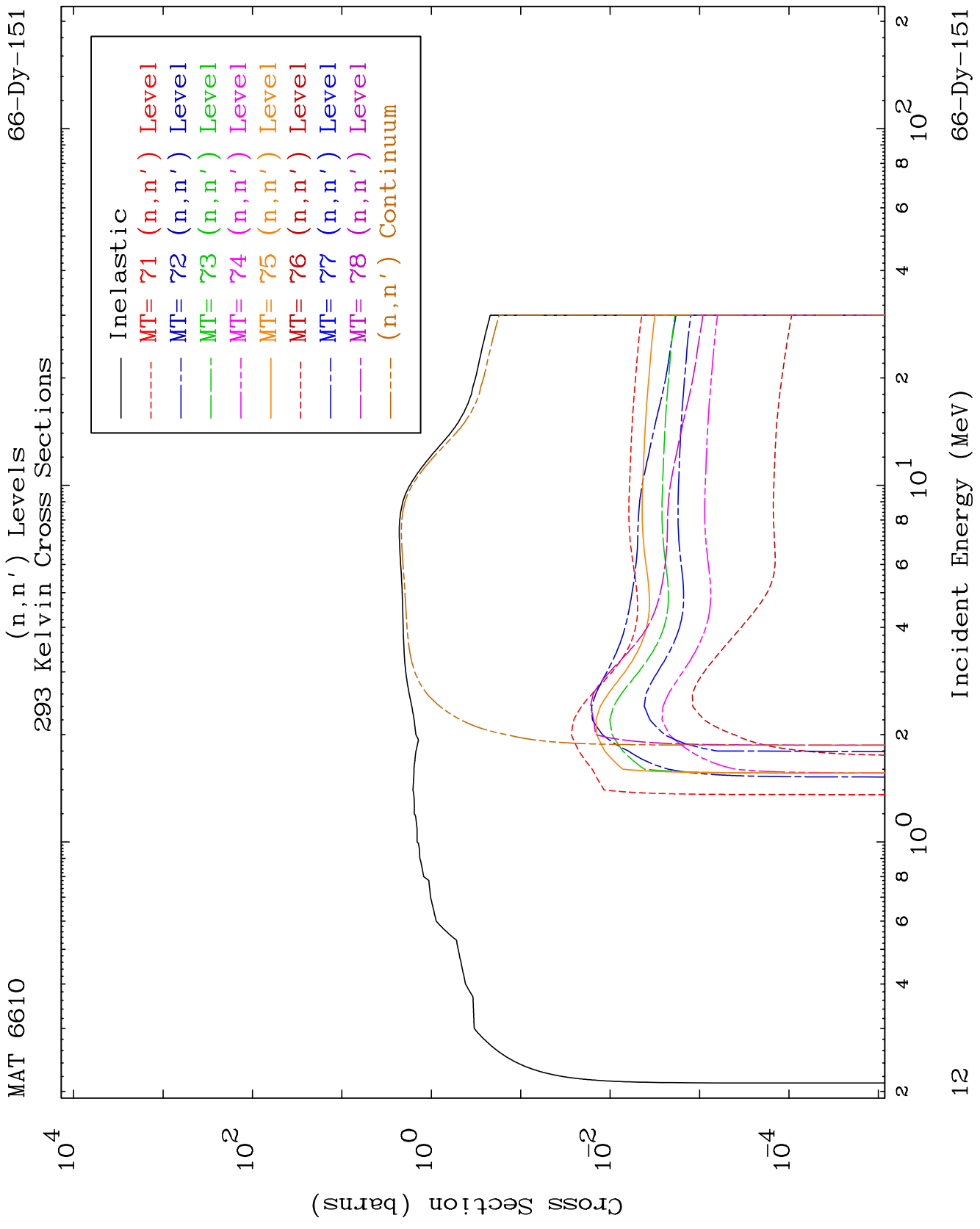
293 Kelvin Cross Sections



11

Incident Energy (MeV)

66-Dy-151

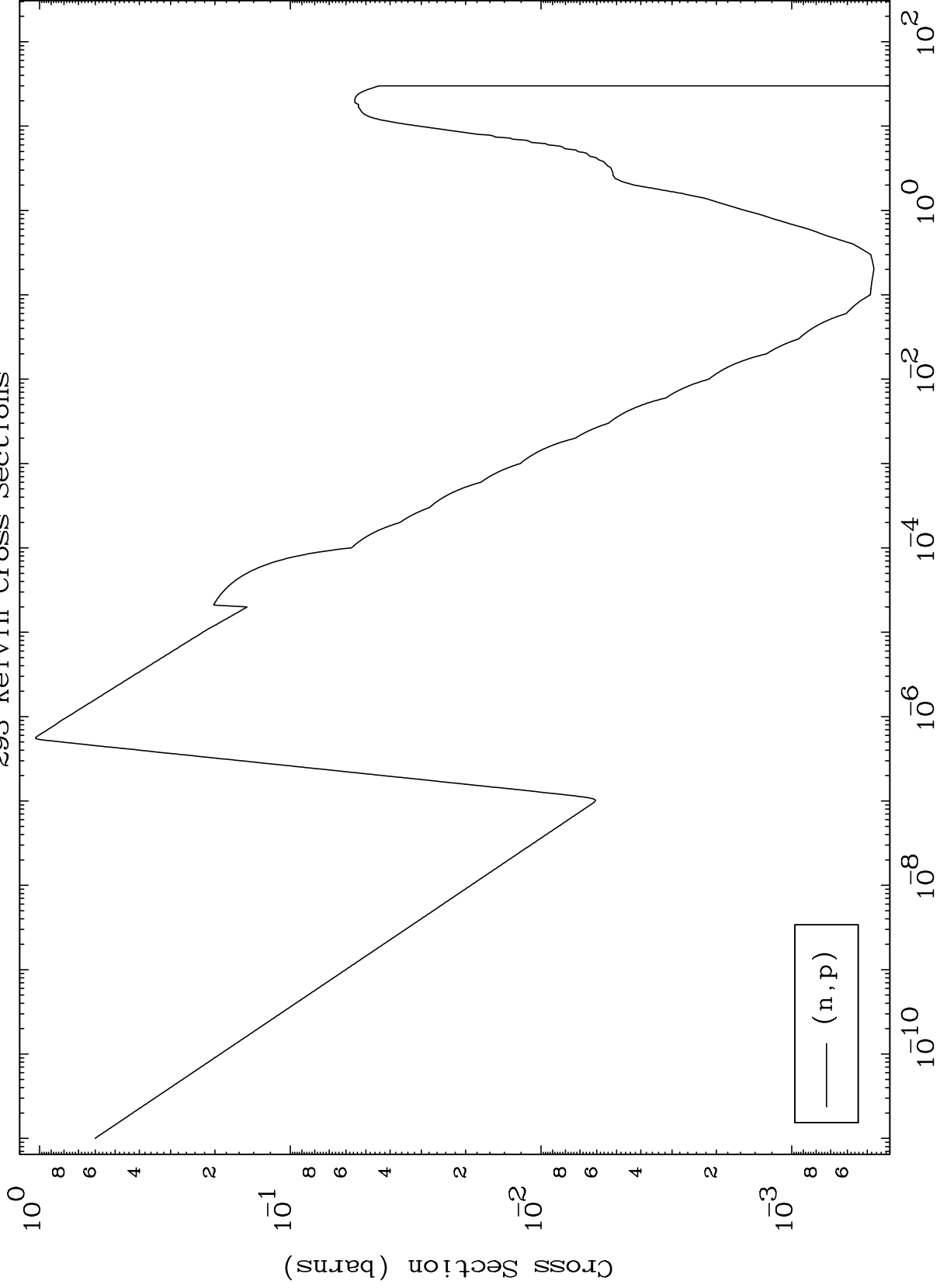


MAT 6610

(n,p) Levels

66-Dy-151

293 Kelvin Cross Sections



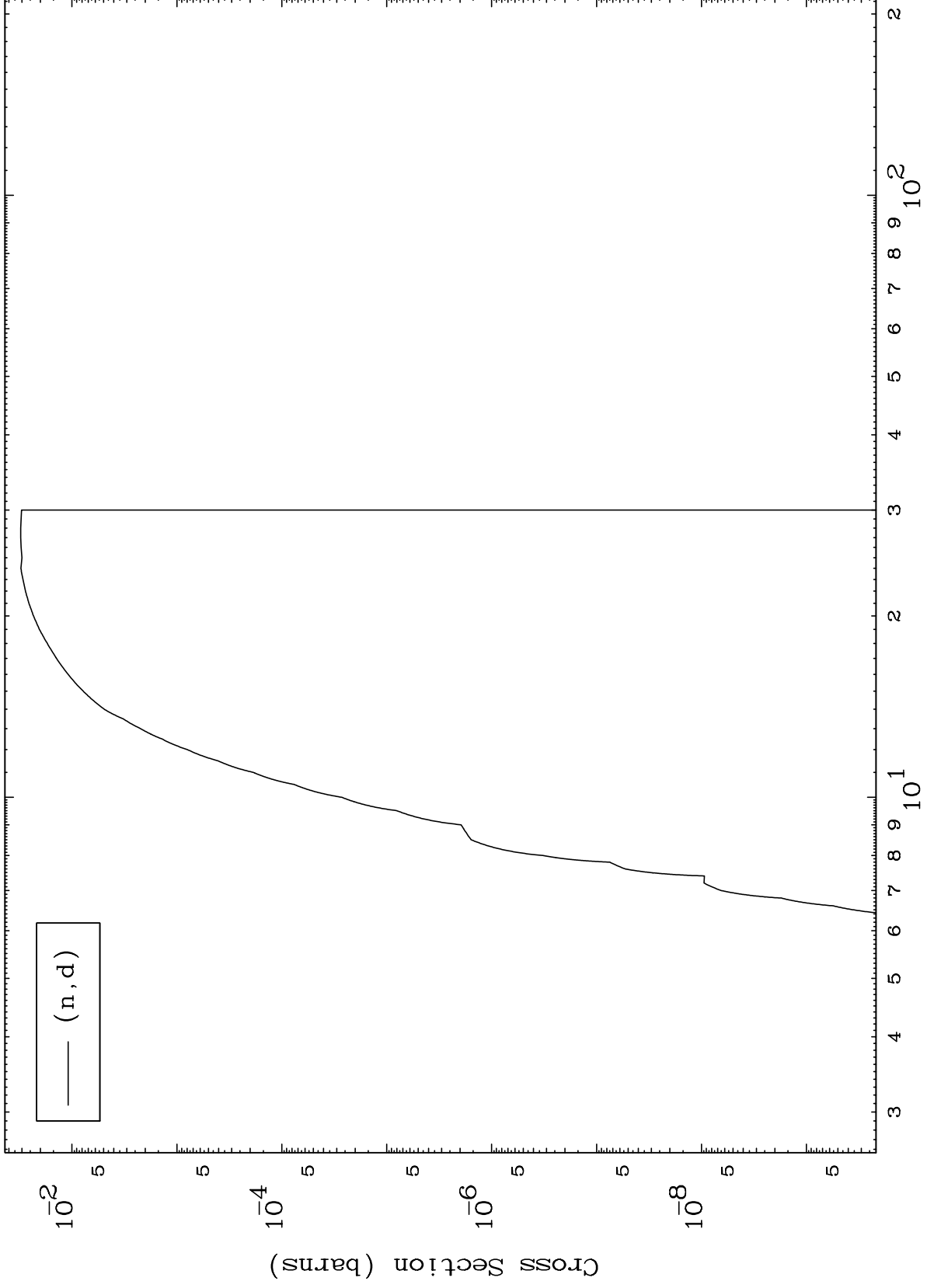
Incident Energy (MeV)

66-Dy-151

MAT 6610

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-151



14

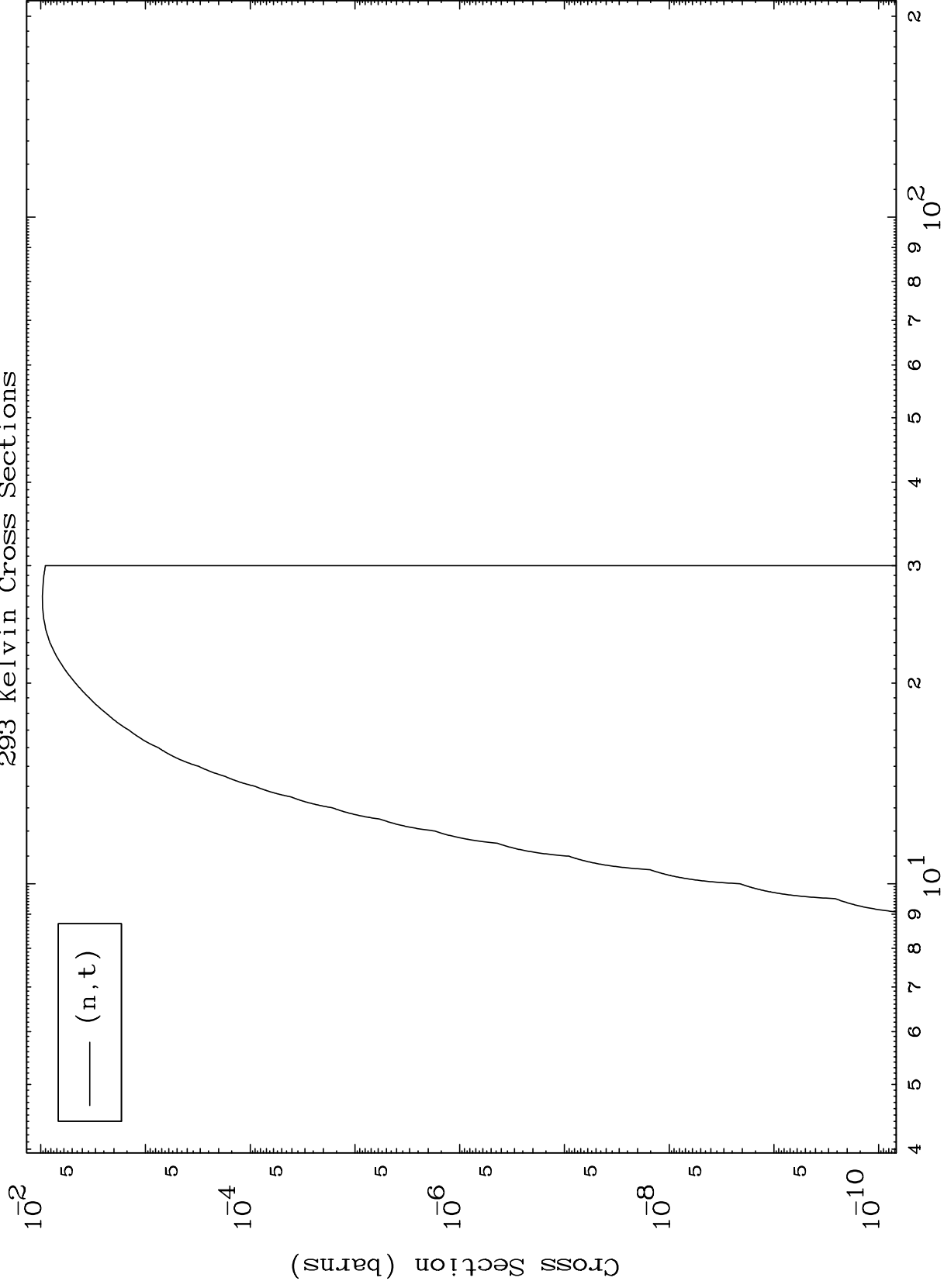
Incident Energy (MeV)

66-Dy-151

MAT 6610

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-151



15

Incident Energy (MeV)

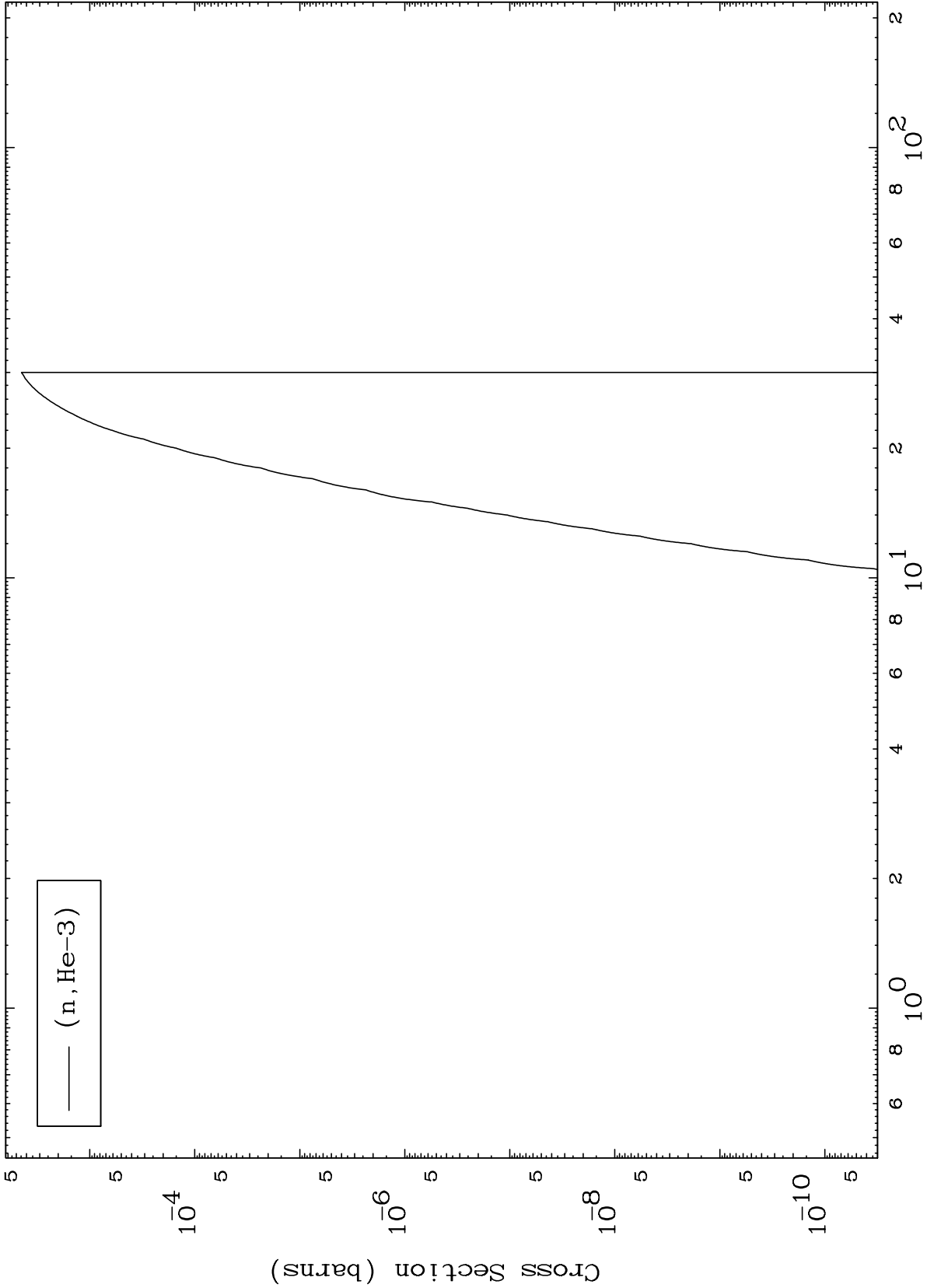
66-Dy-151

MAT 6610

(n,He3) Levels

66-Dy-151

293 Kelvin Cross Sections



16

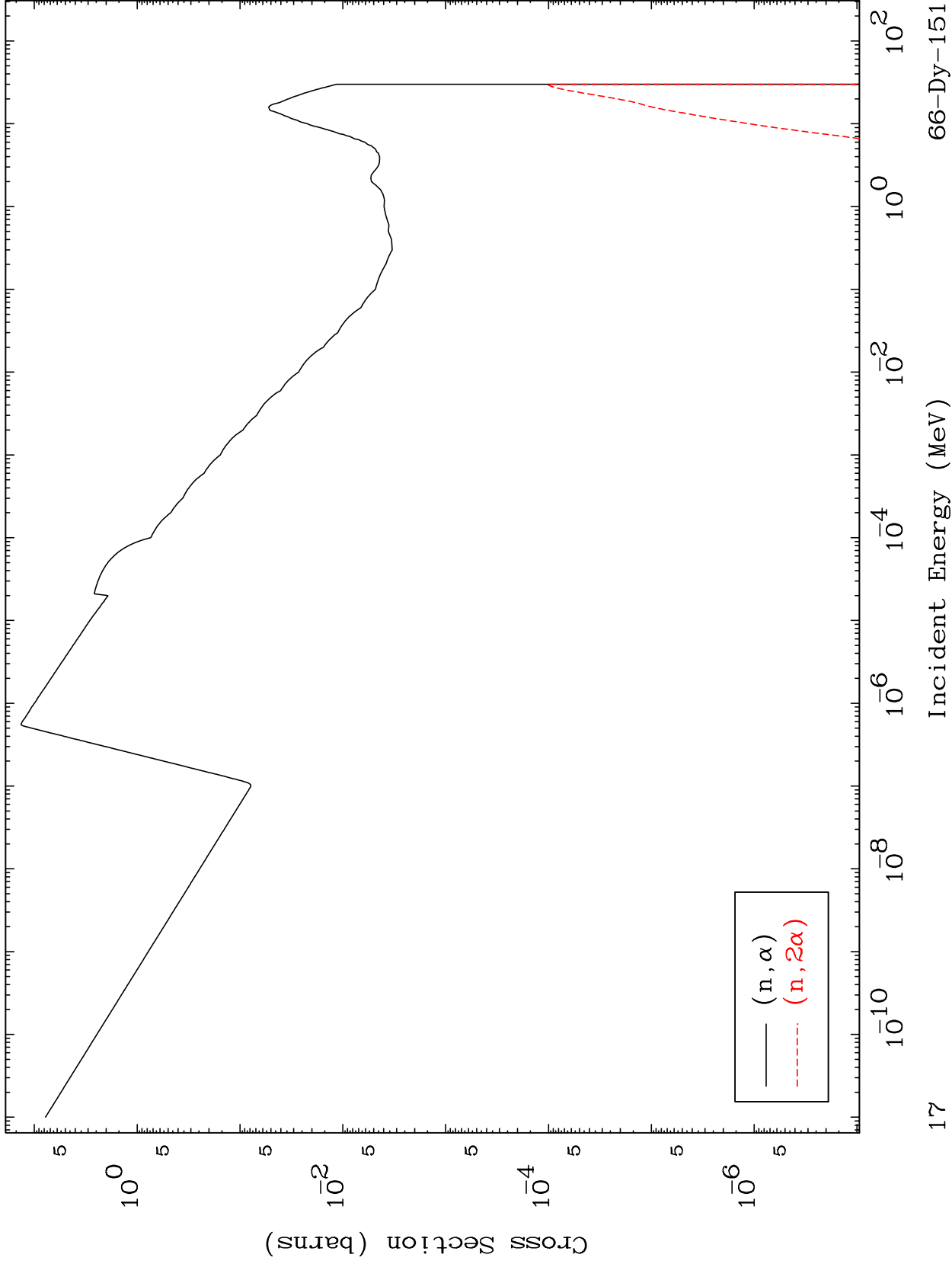
Incident Energy (MeV)

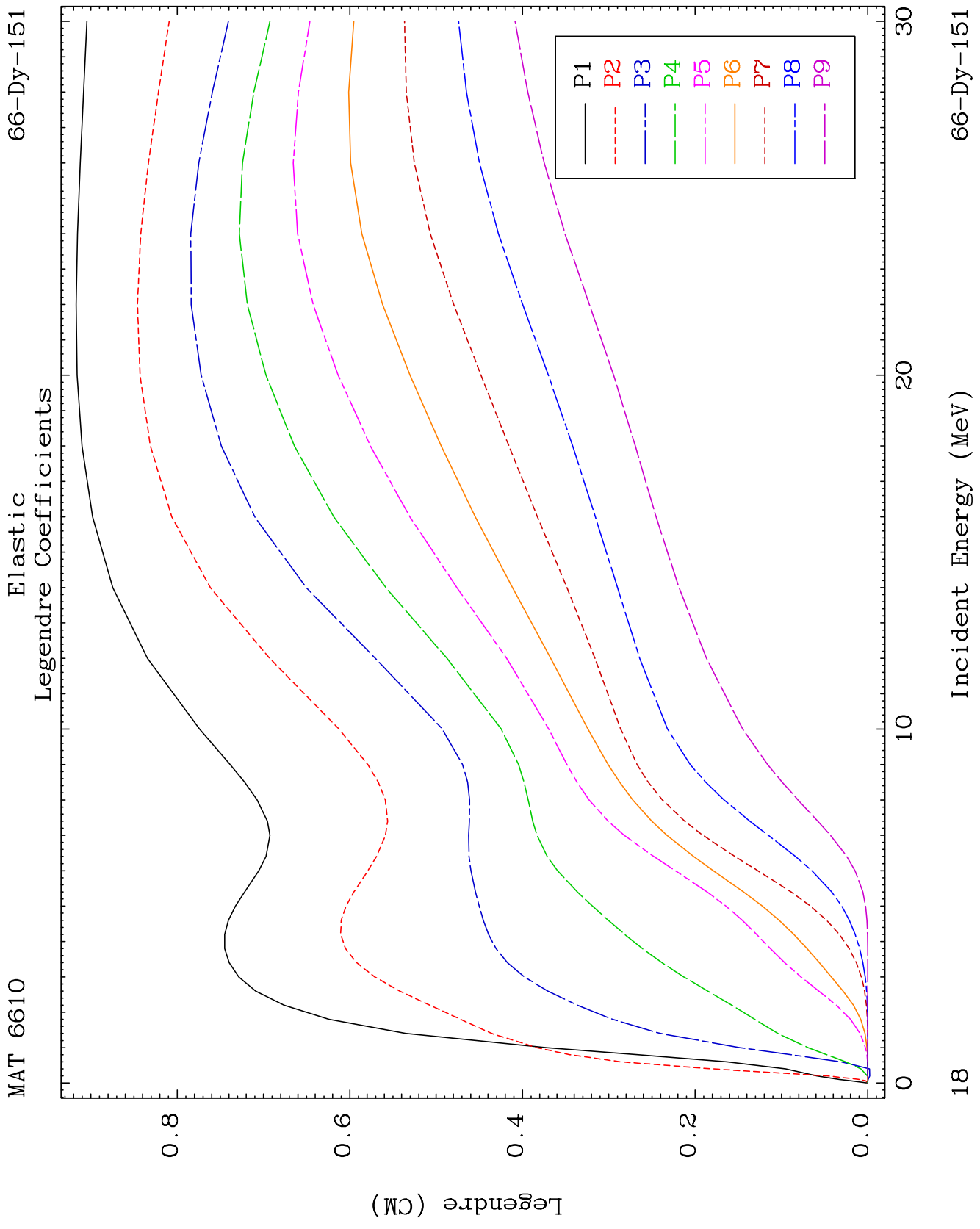
66-Dy-151

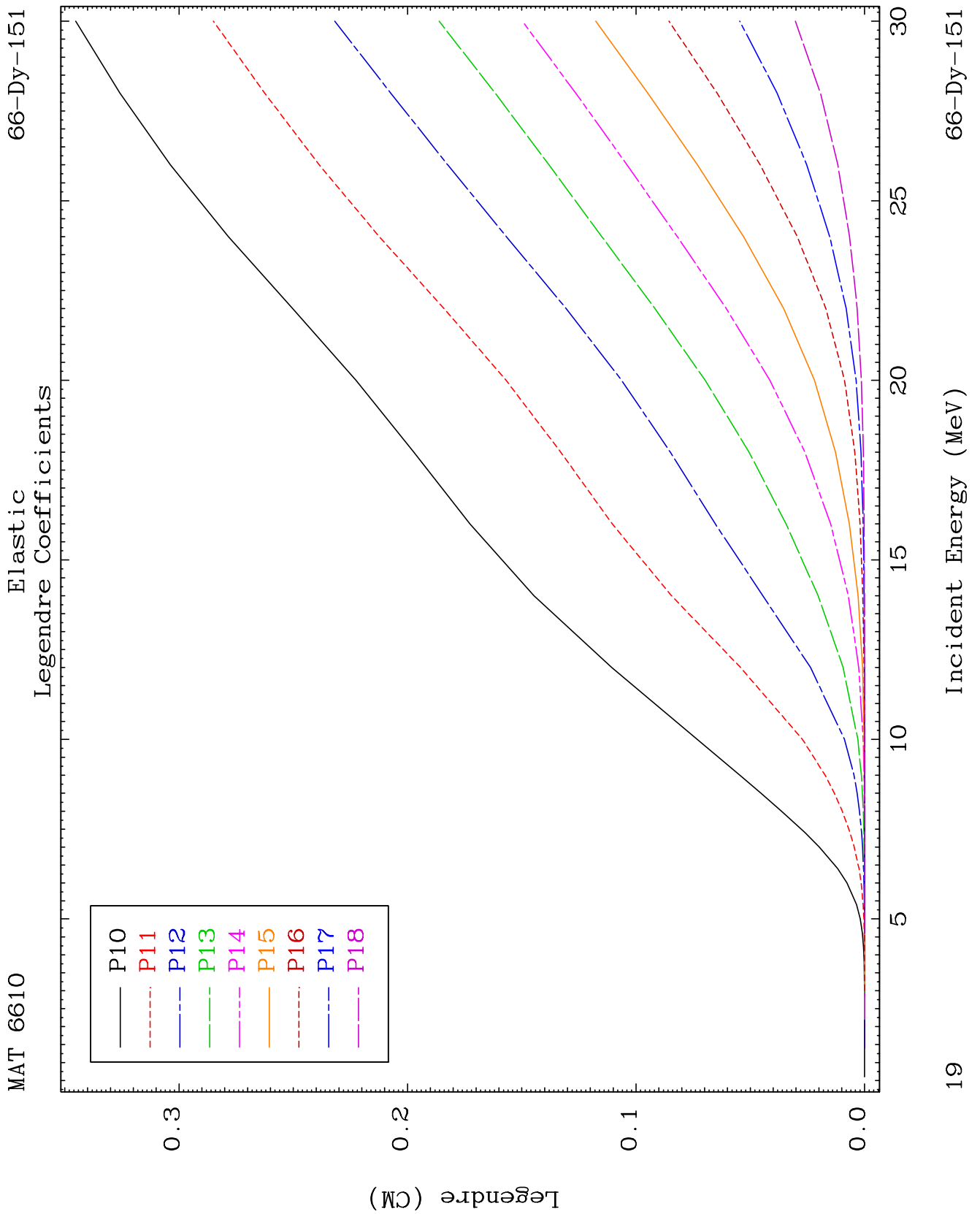
MAT 6610

(n,α) Levels
293 Kelvin Cross Sections

66-Dy-151



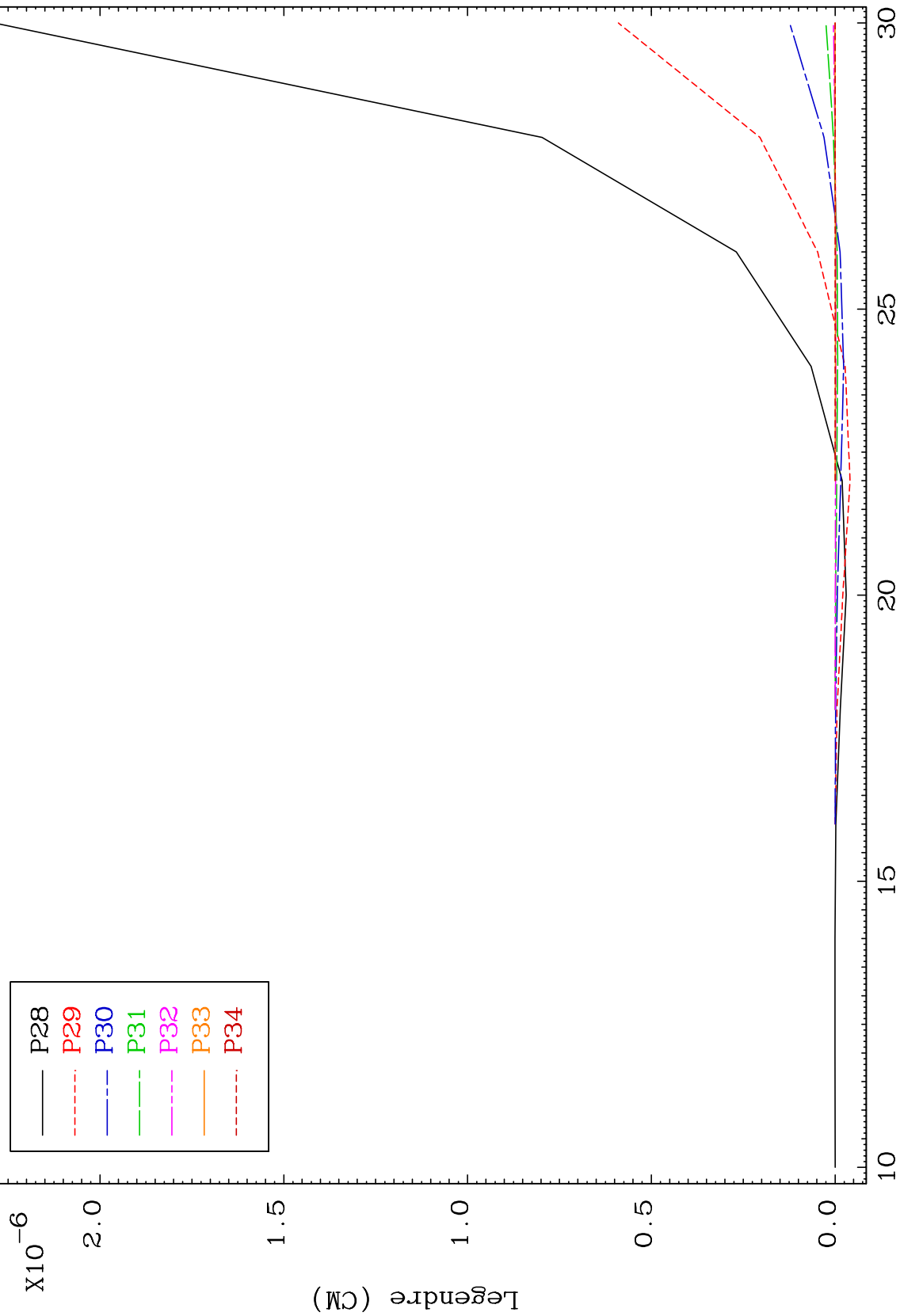
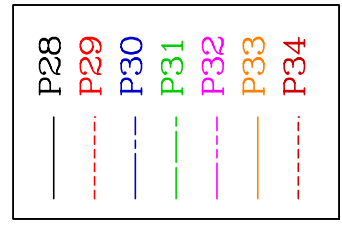




MAT 6610

Elastic Legendre Coefficients

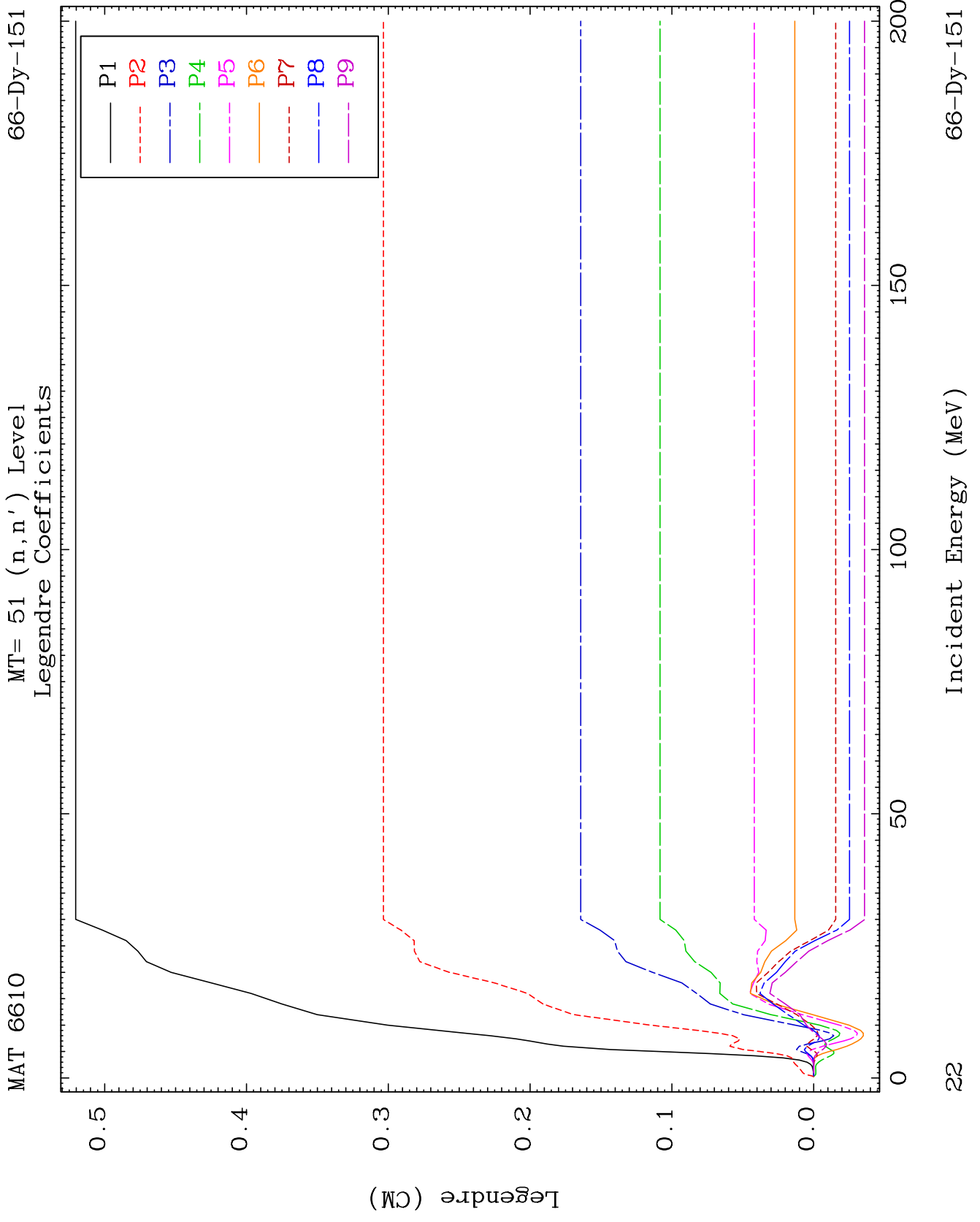
66-Dy-151



21

Incident Energy (MeV)

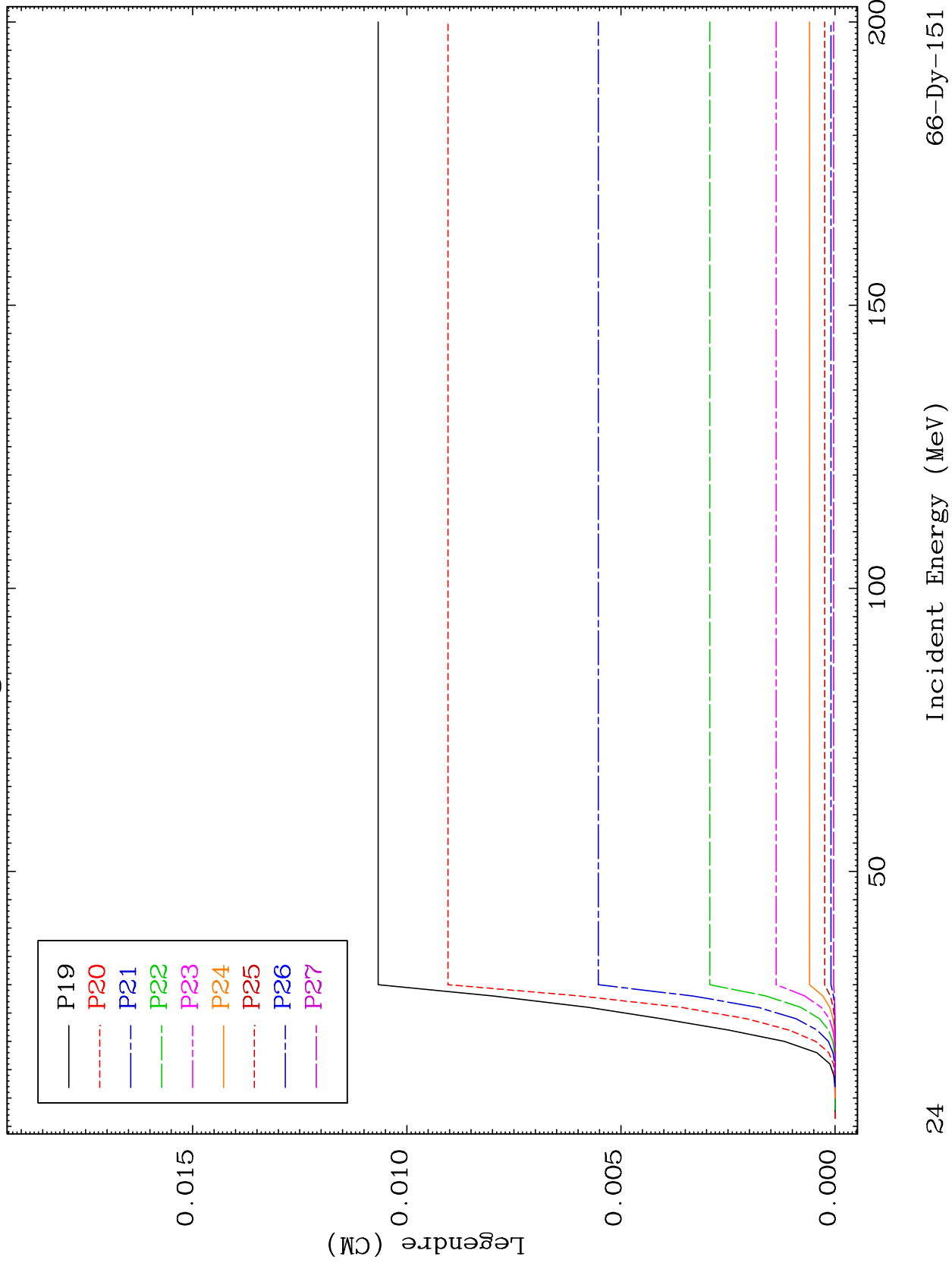
66-Dy-151



MAT 6610

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

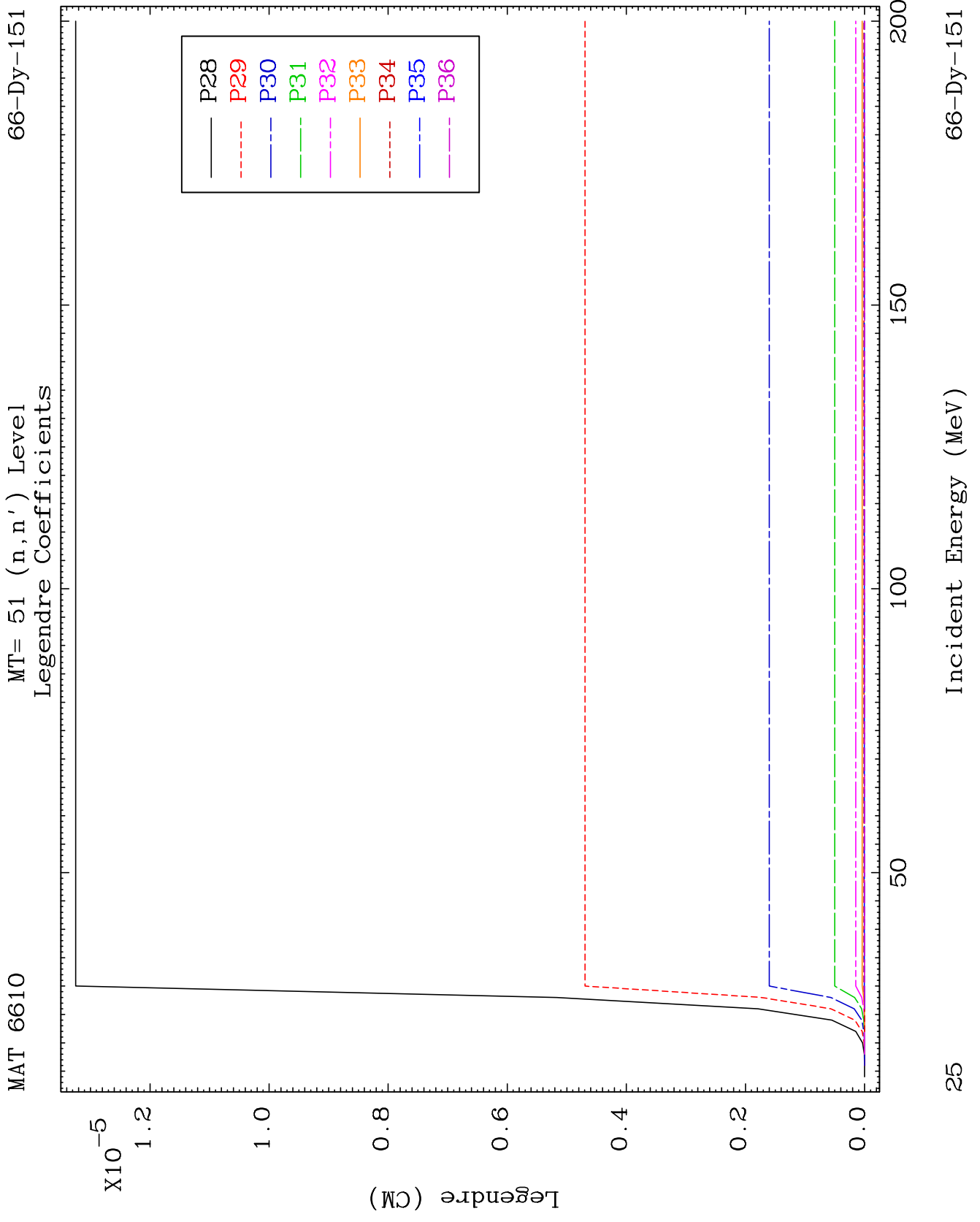
66-Dy-151

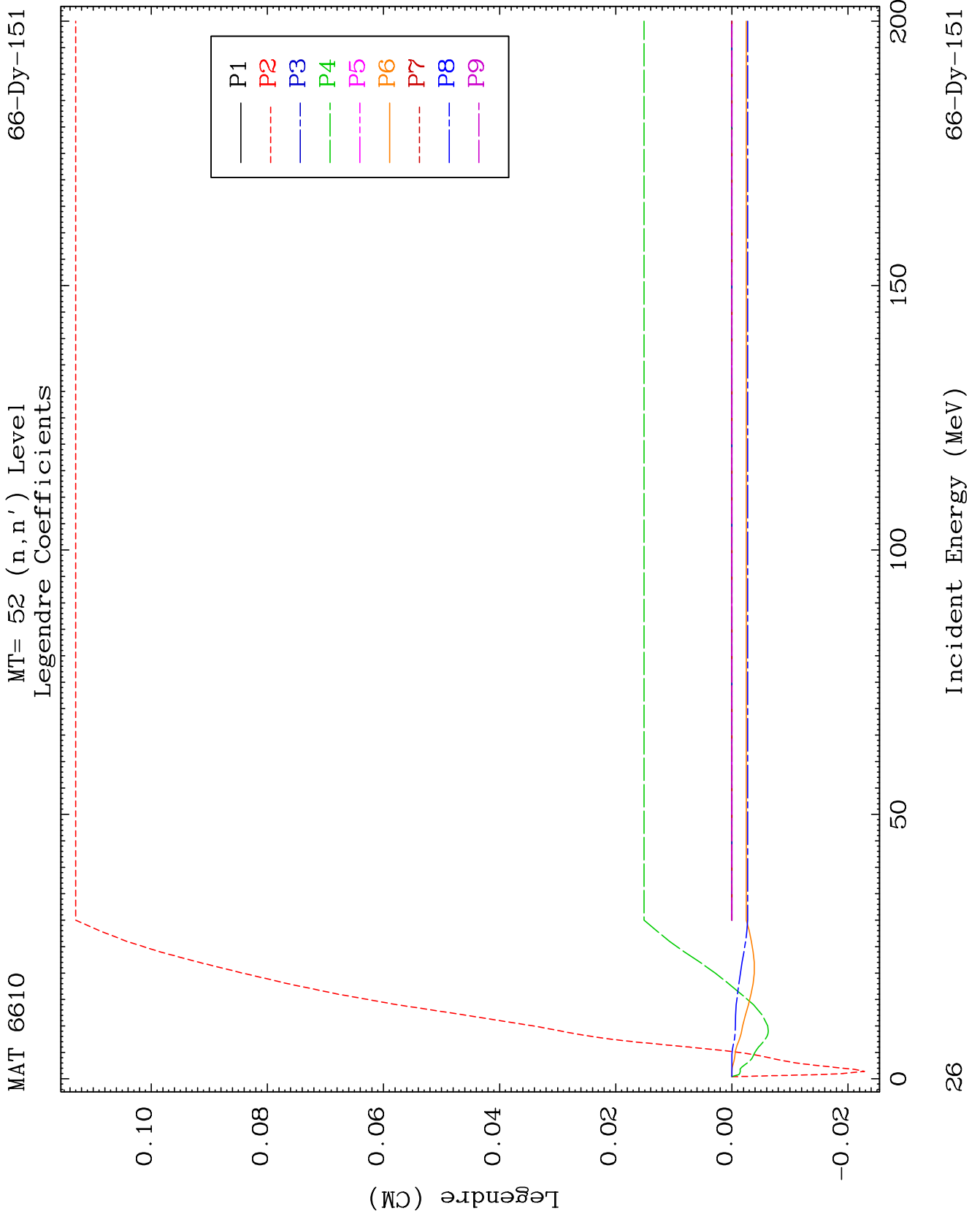


24

Incident Energy (MeV)

66-Dy-151

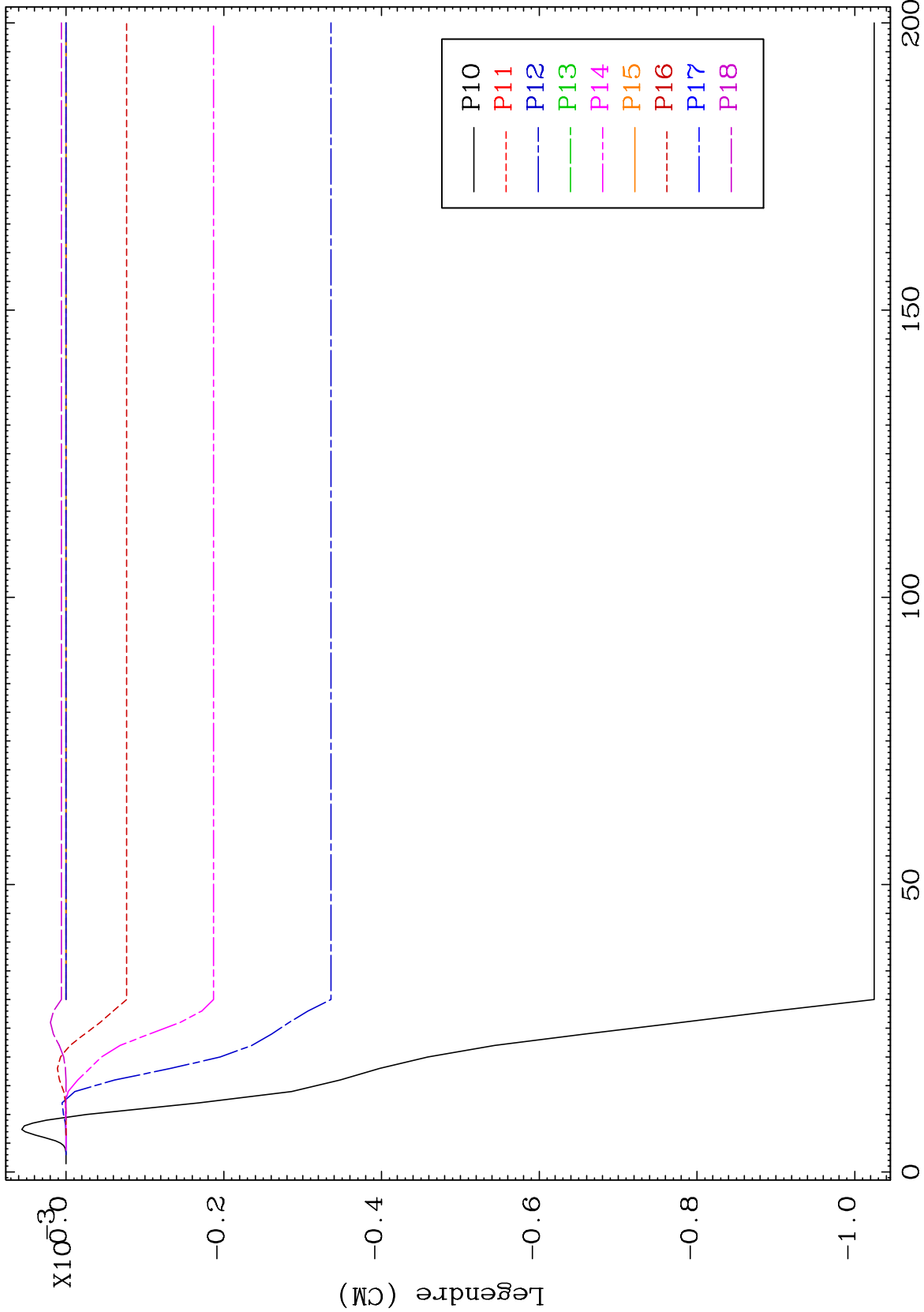




MAT 6610

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

66-Dy-151



27

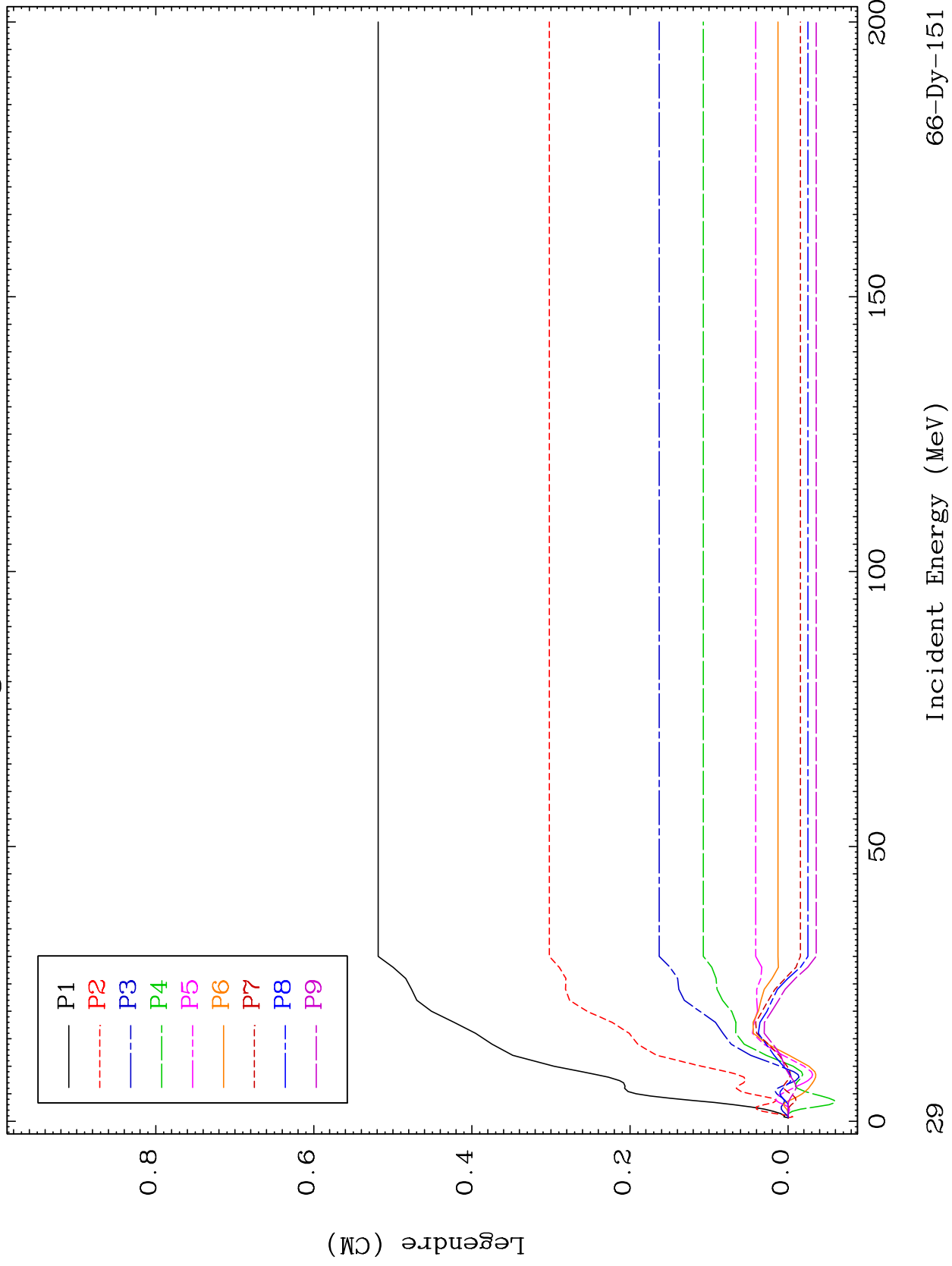
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

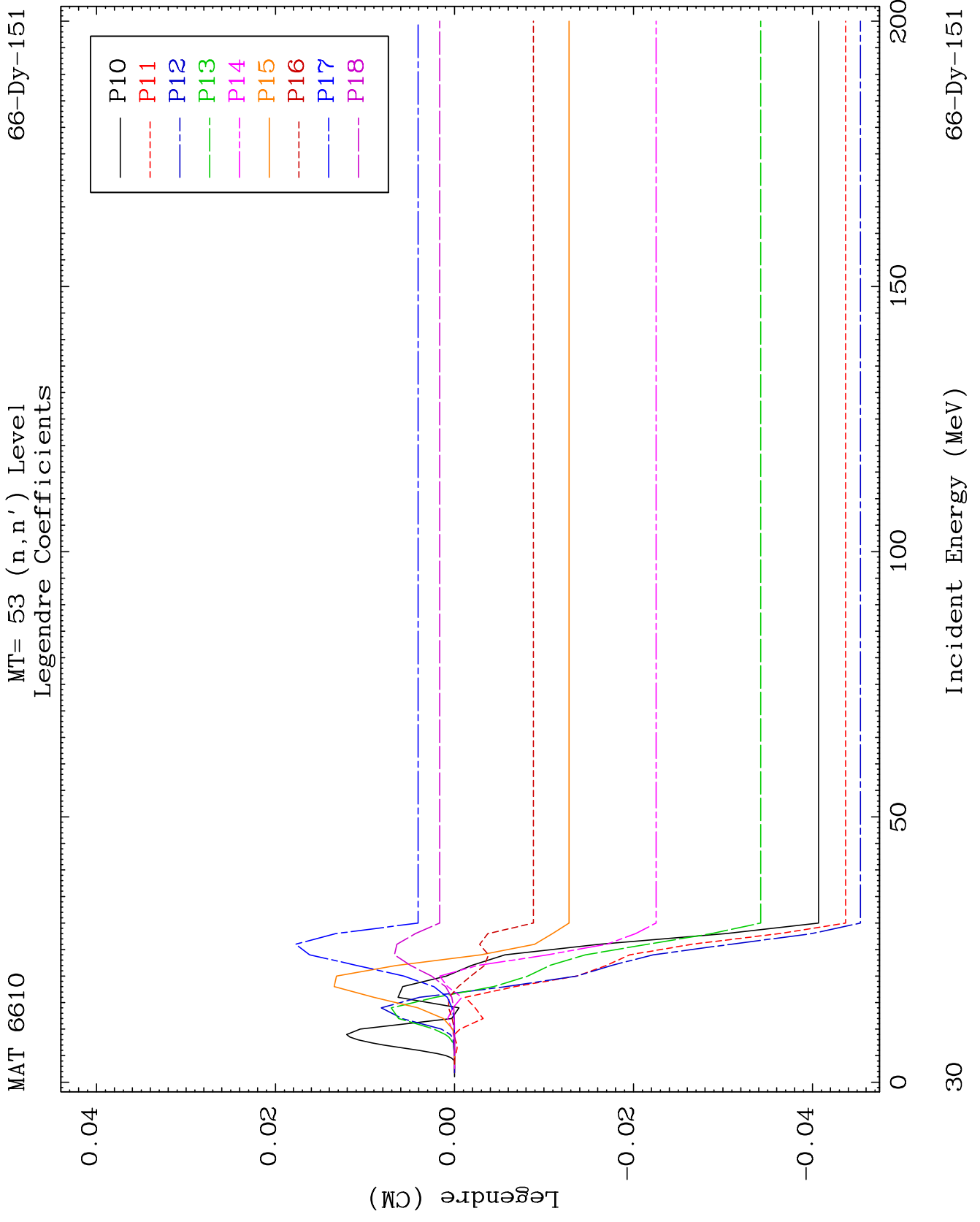
66-Dy-151



29

Incident Energy (MeV)

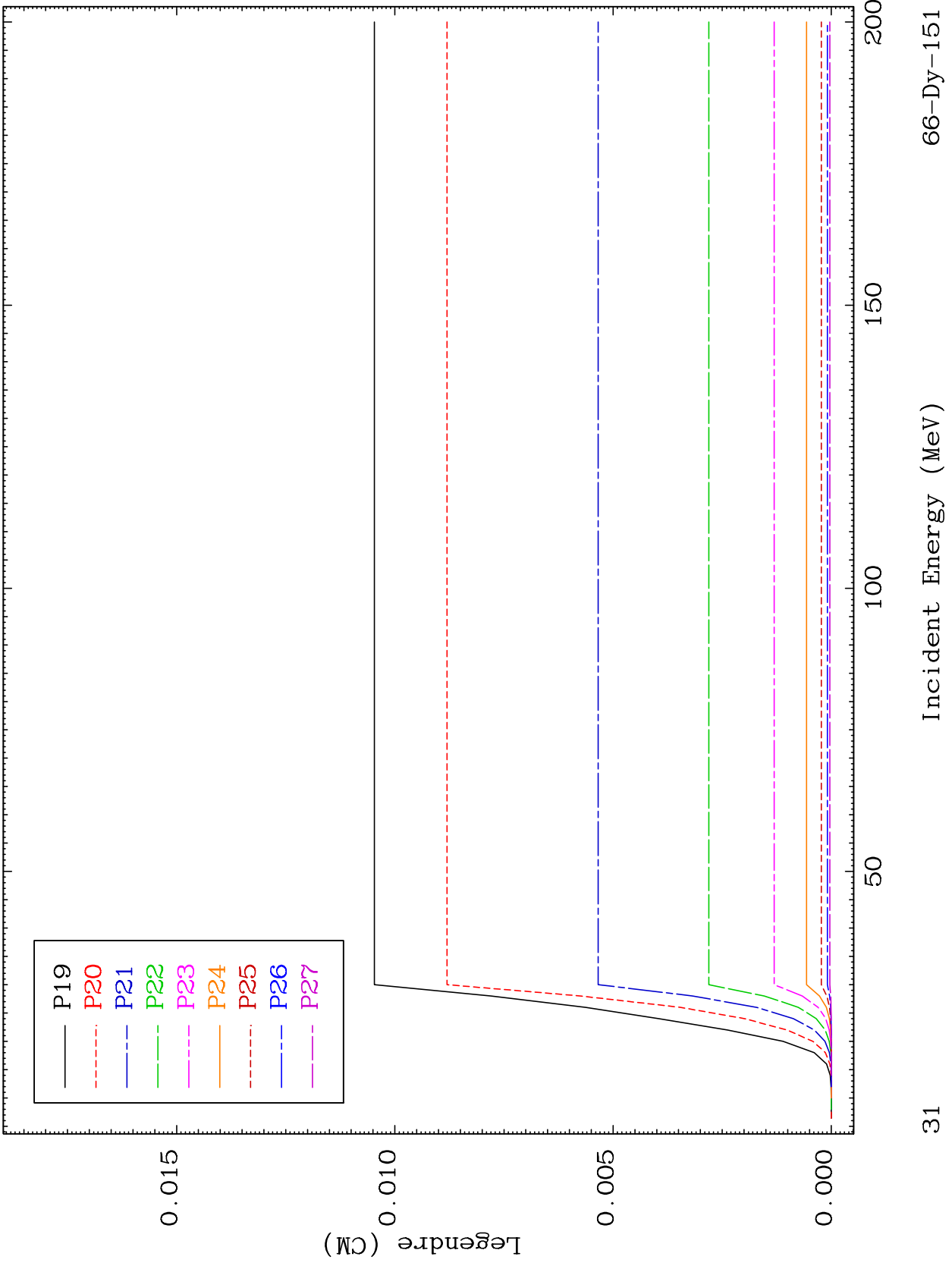
66-Dy-151



MAT 6610

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

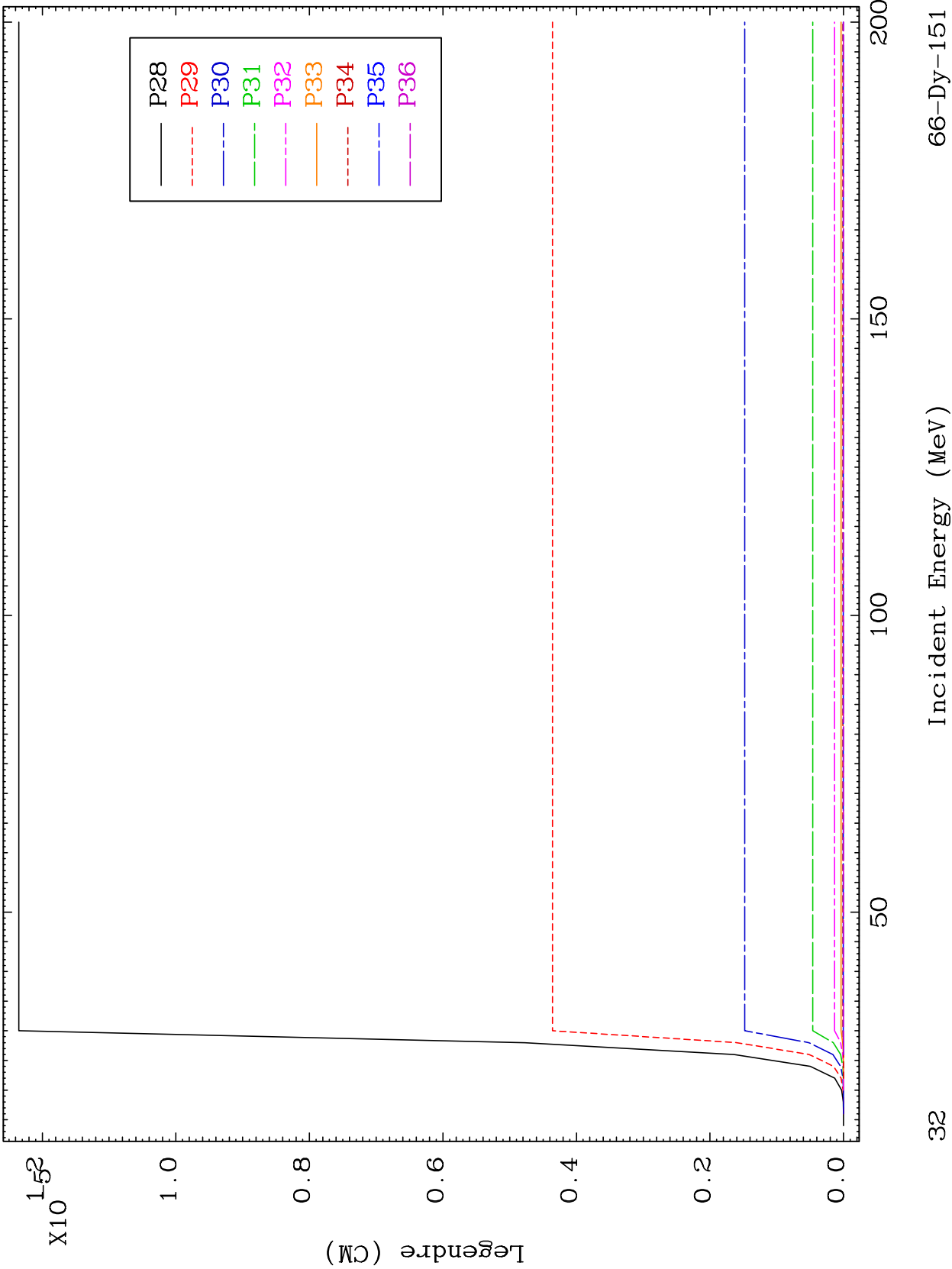
66-Dy-151



MAT 6610

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

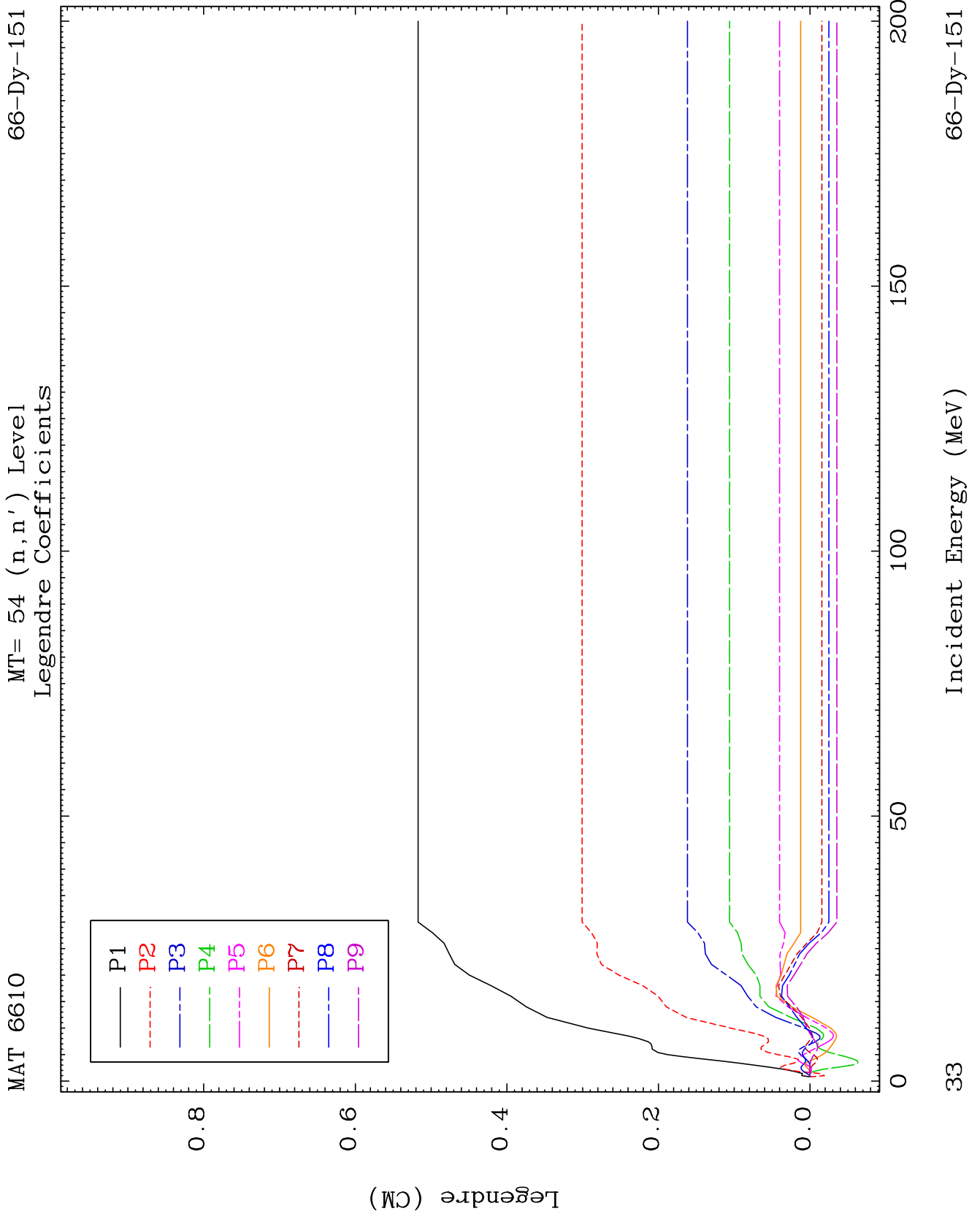
66-Dy-151



32

Incident Energy (MeV)

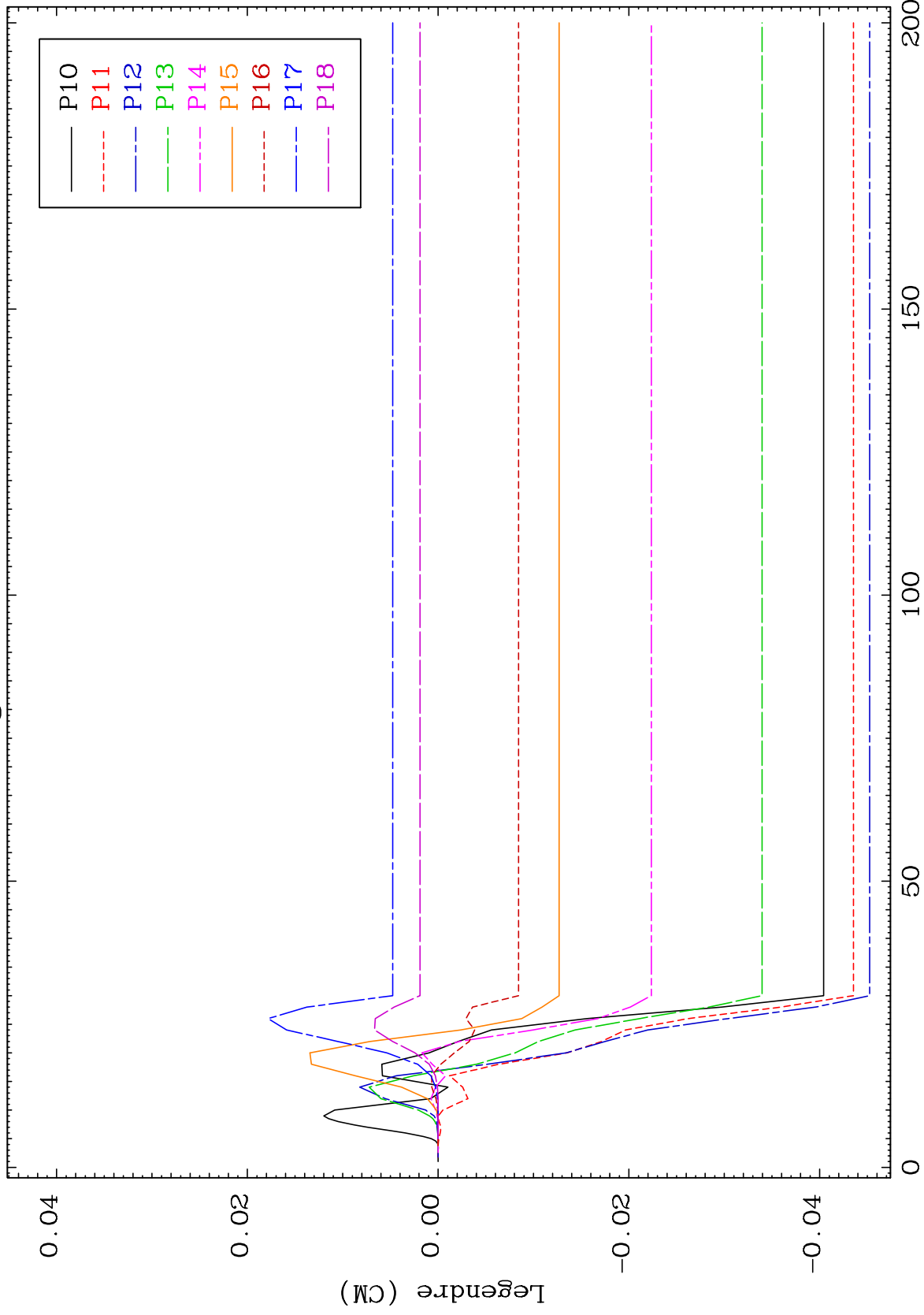
66-Dy-151



MAT 6610

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

66-Dy-151



34

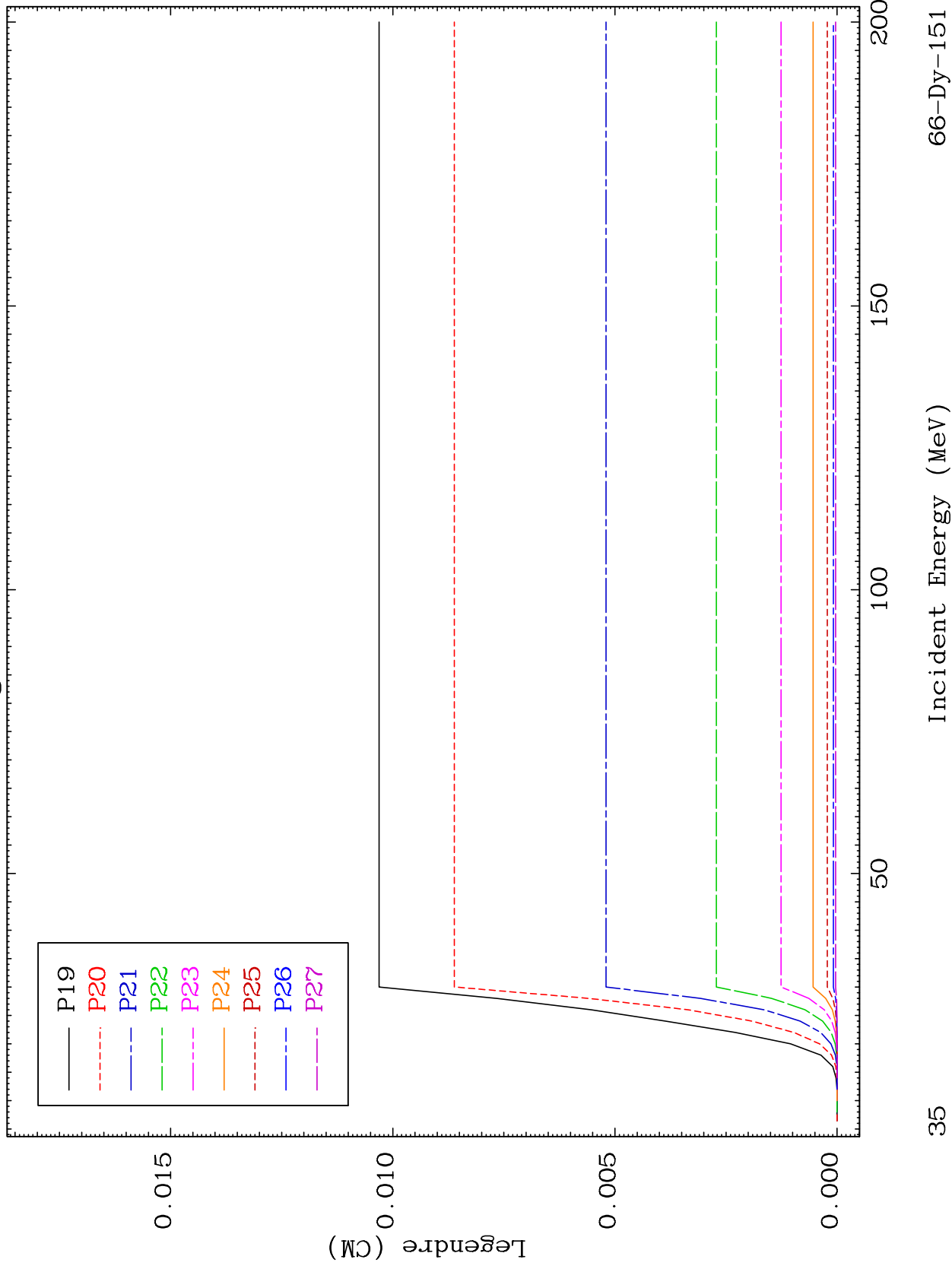
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

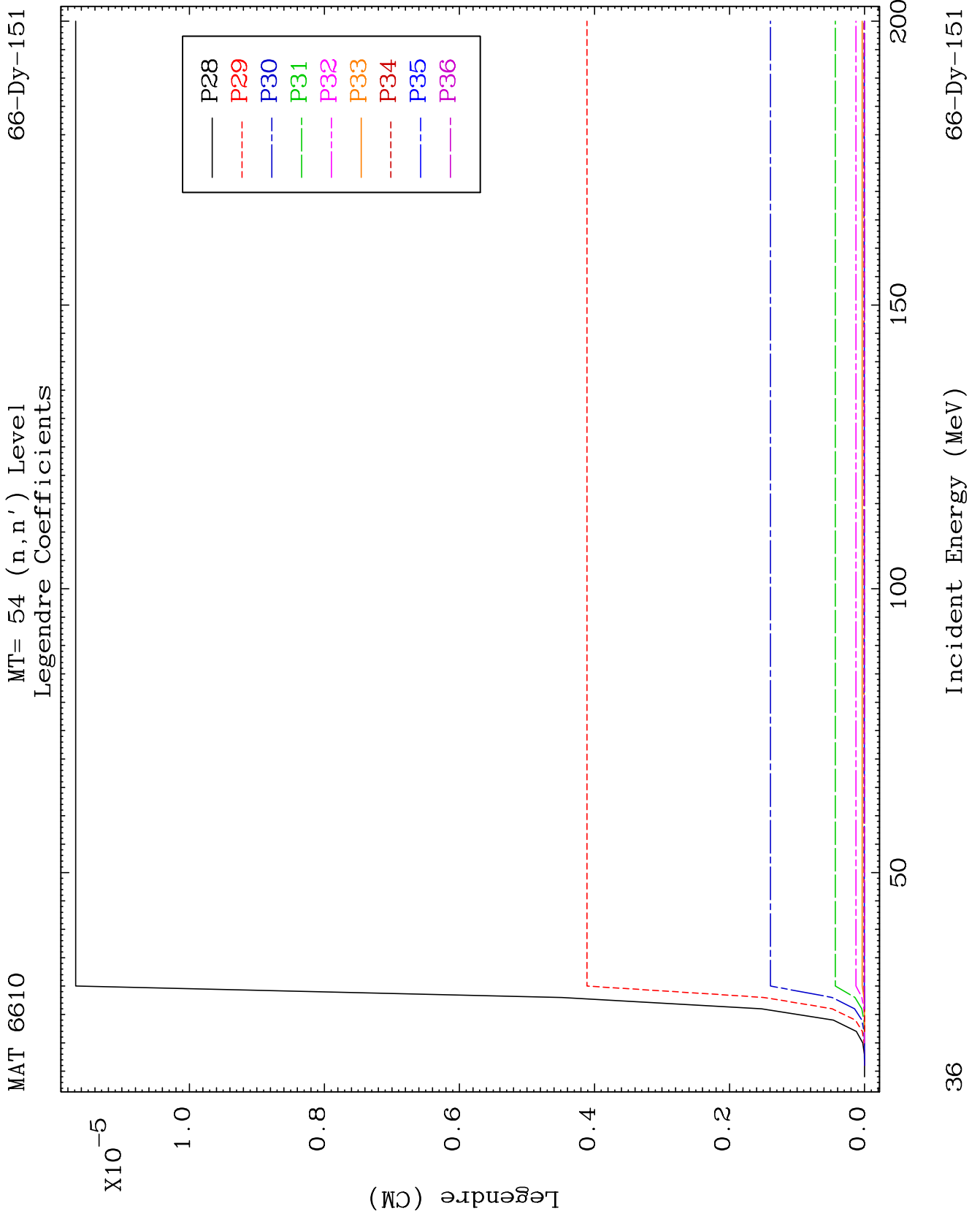
66-Dy-151



35

Incident Energy (MeV)

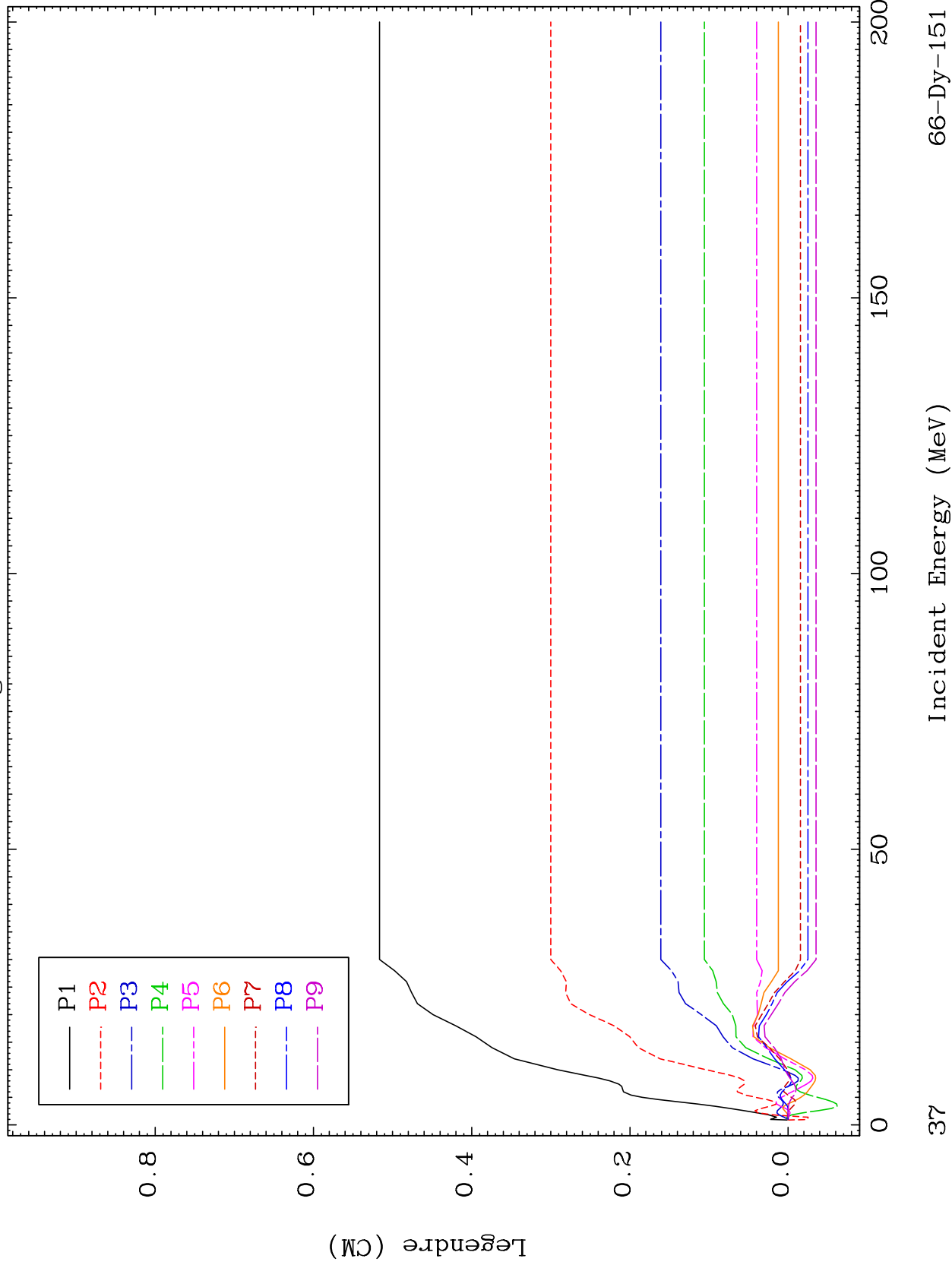
66-Dy-151



MAT 6610

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

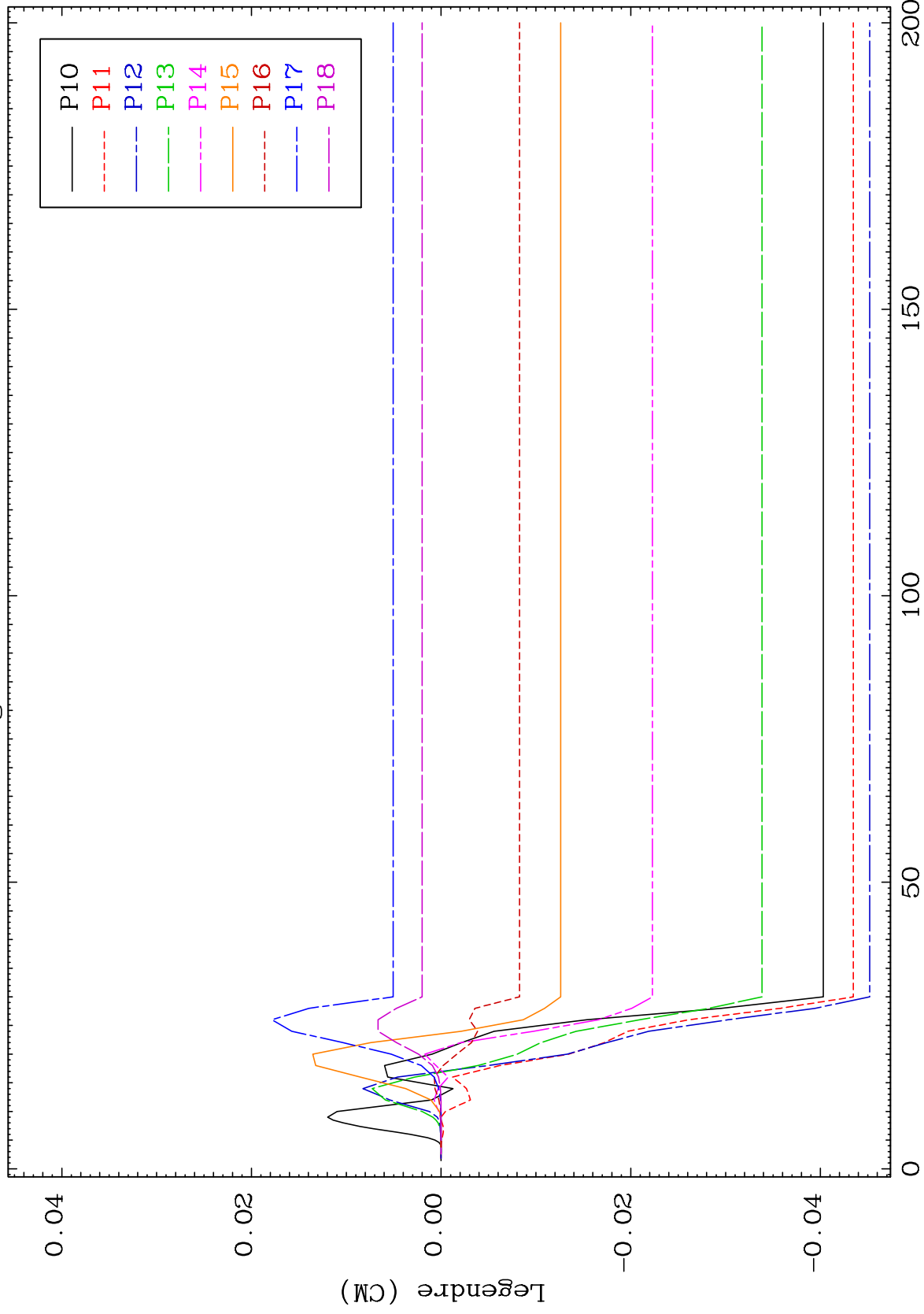
66-Dy-151



MAT 6610

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

66-Dy-151



38

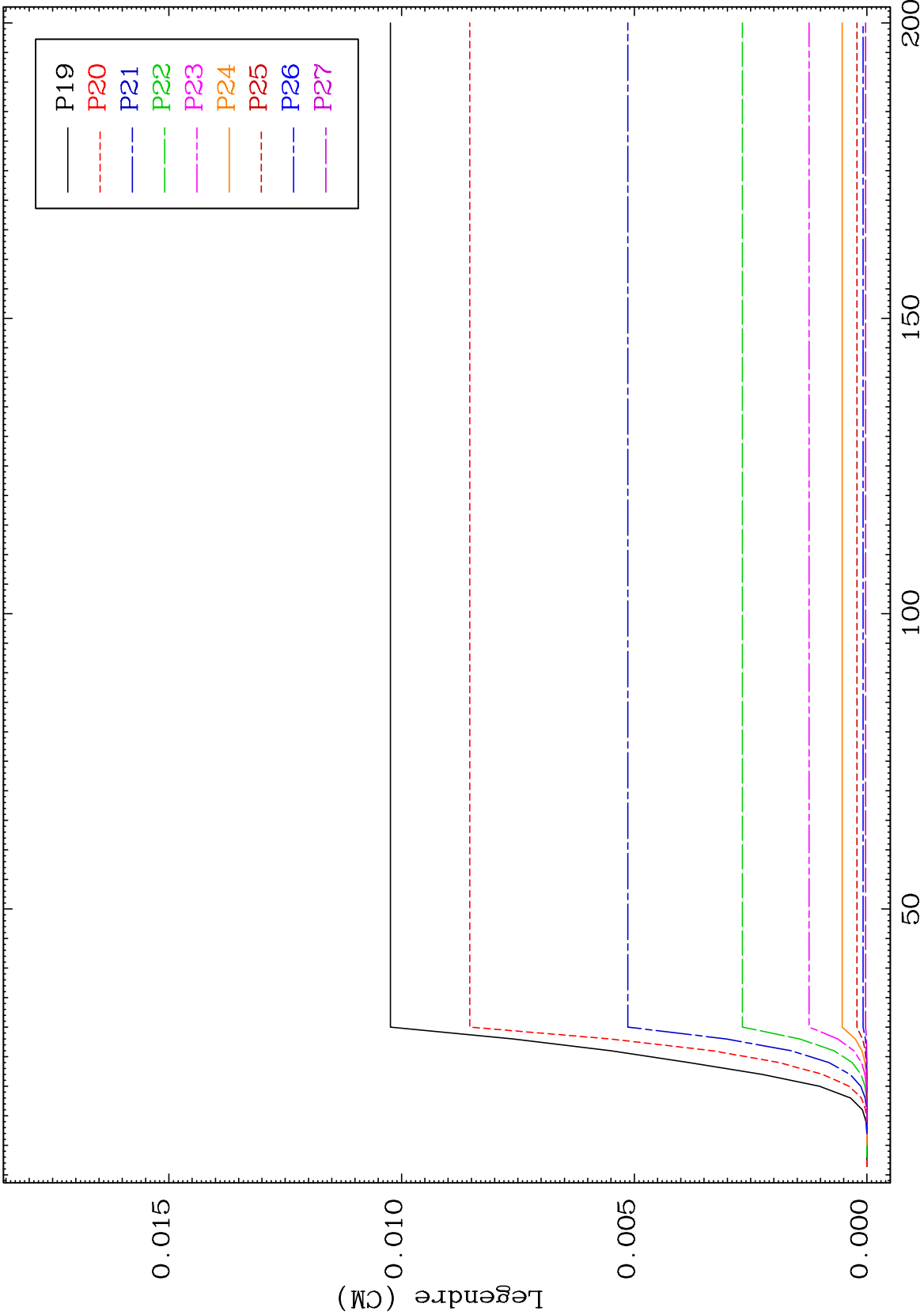
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

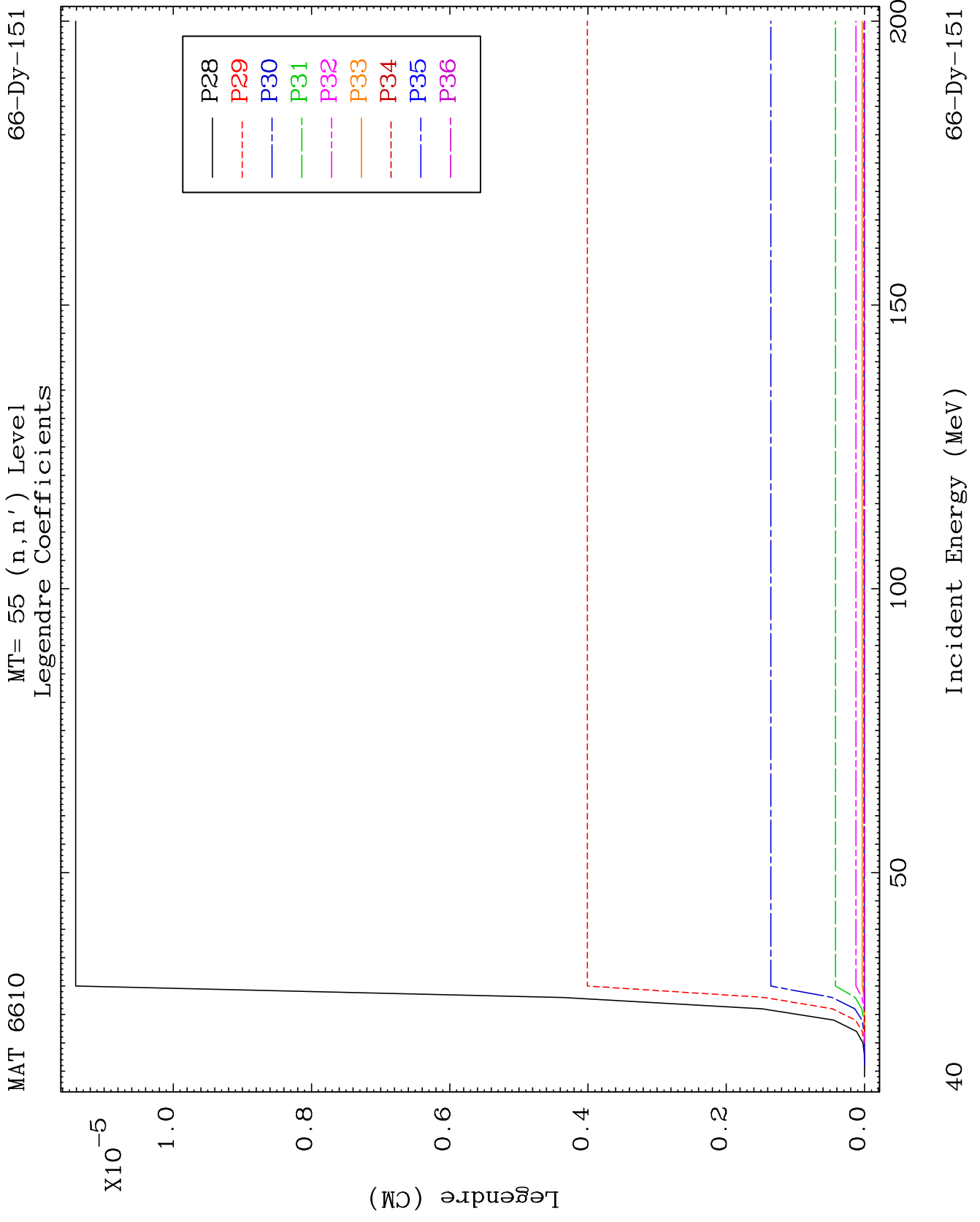
66-Dy-151



39

Incident Energy (MeV)

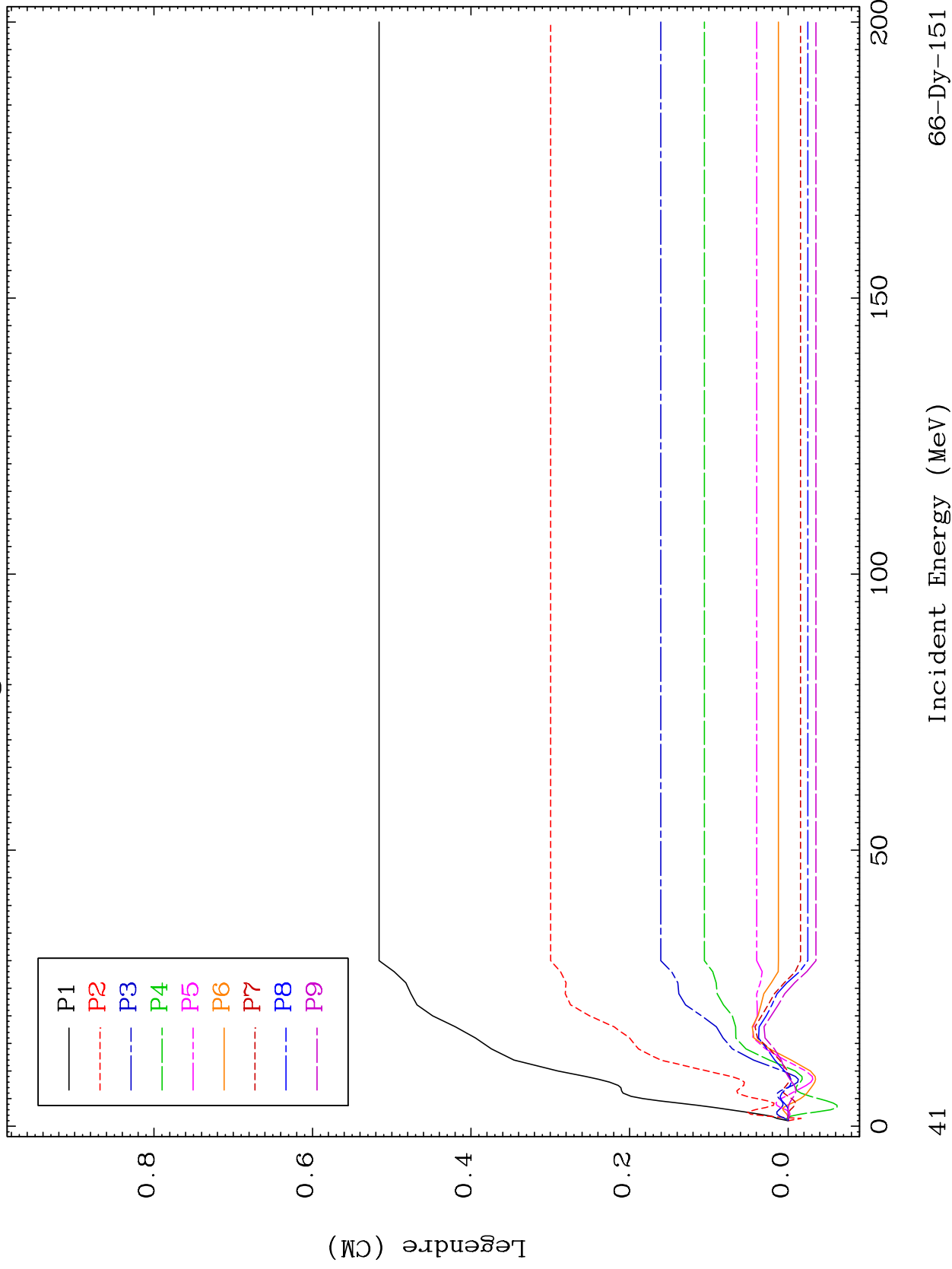
66-Dy-151



MAT 6610

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

66-Dy-151



41

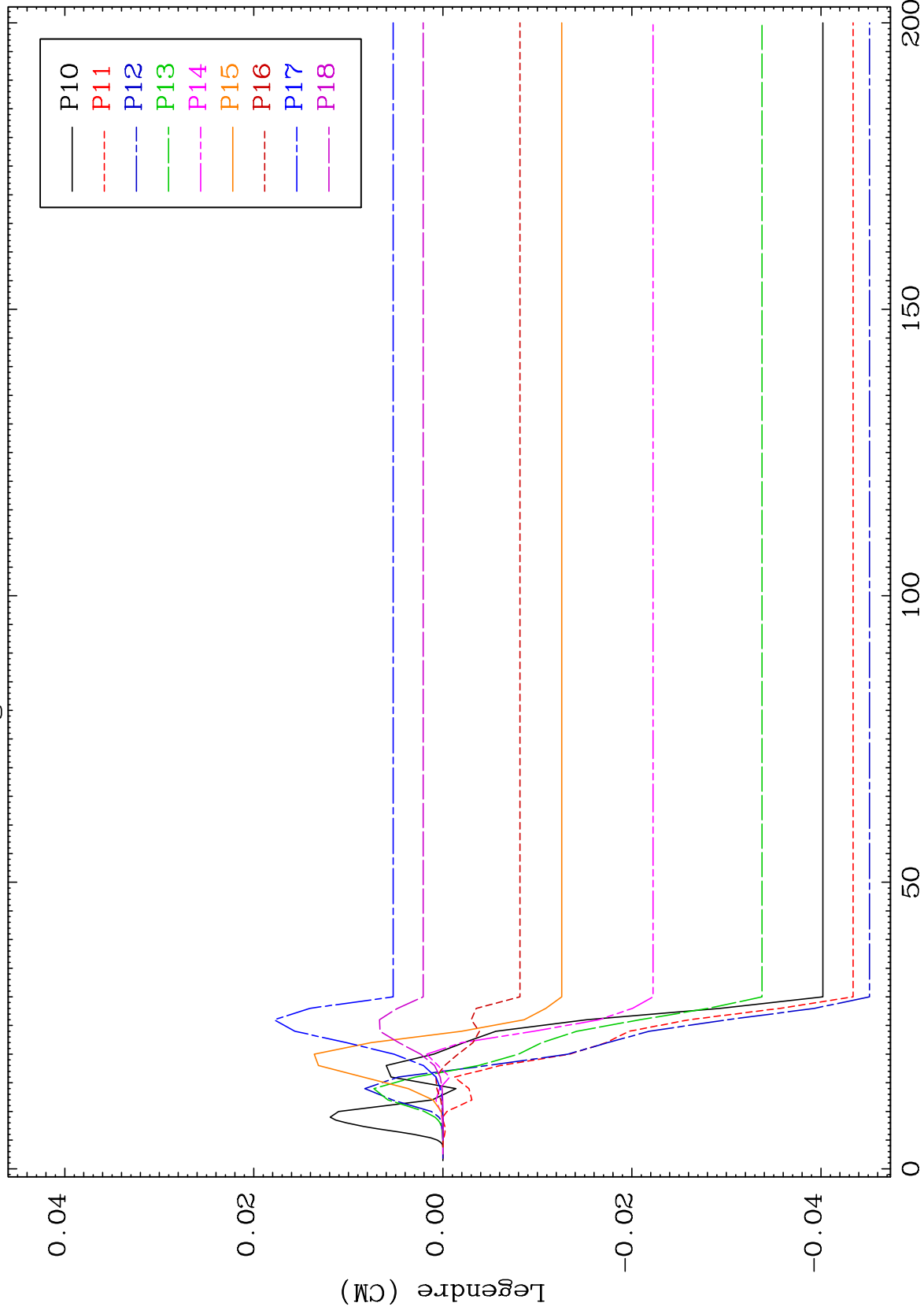
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



42

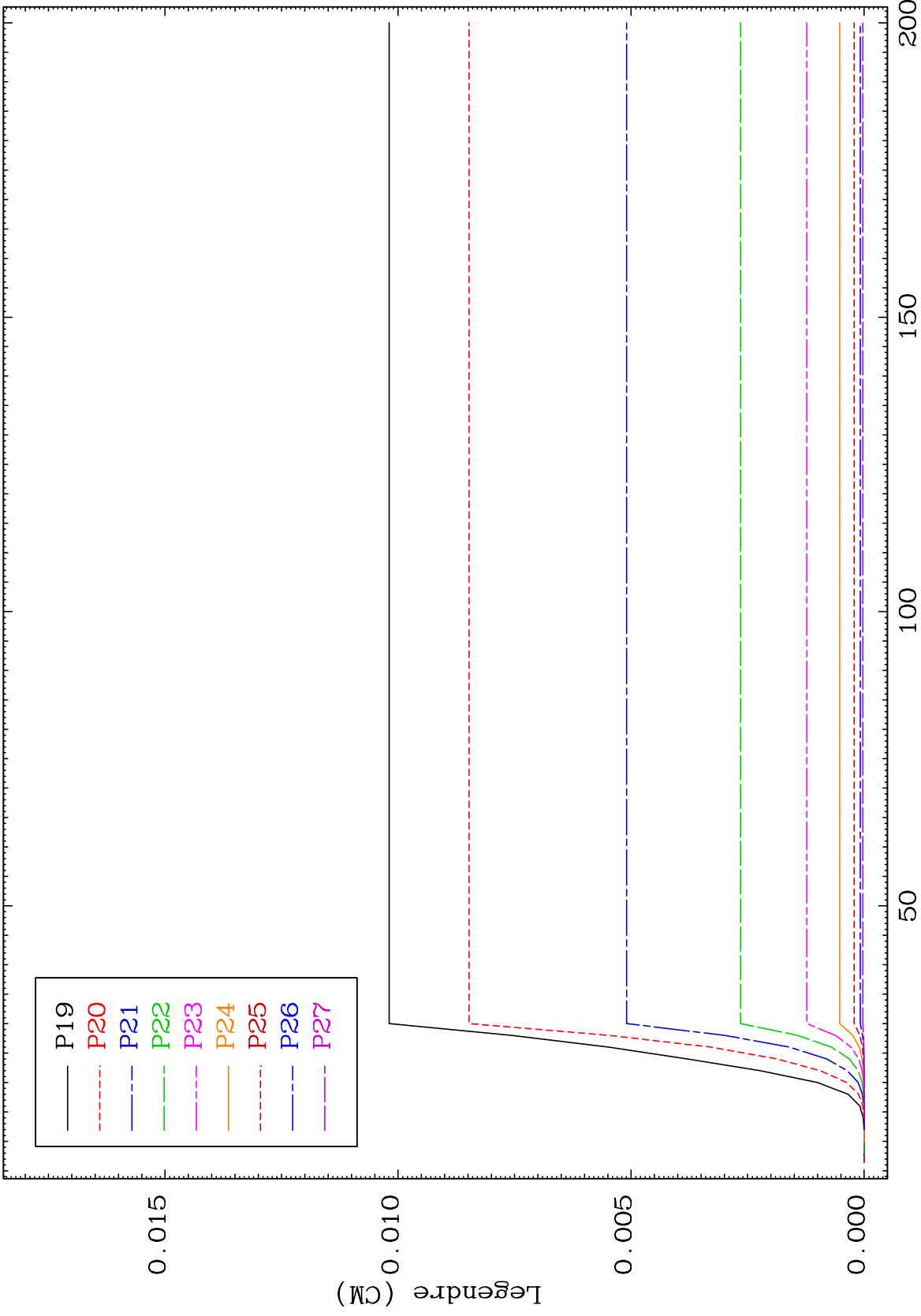
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



43

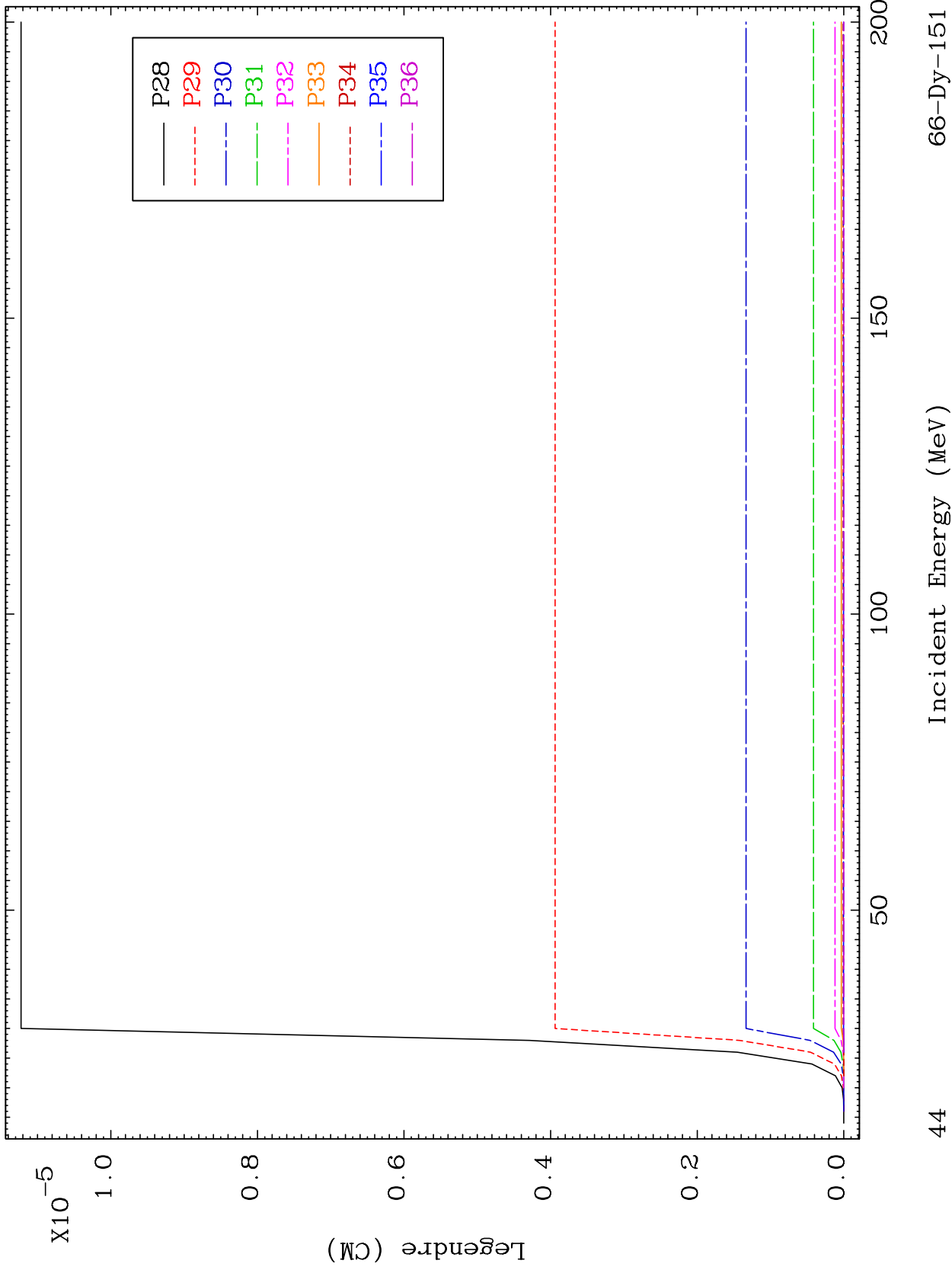
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

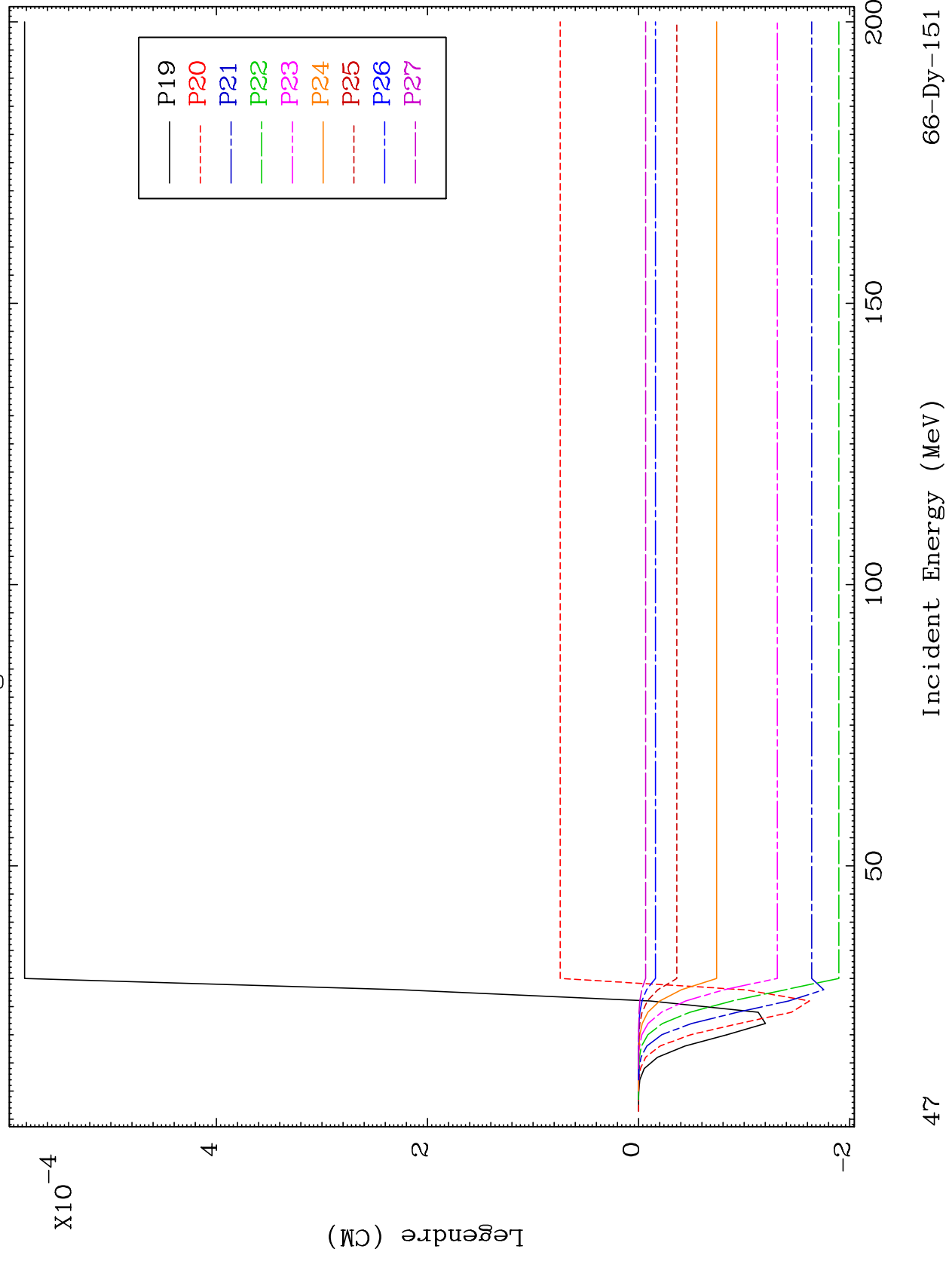
66-Dy-151



MAT 6610

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

66-Dy-151



47

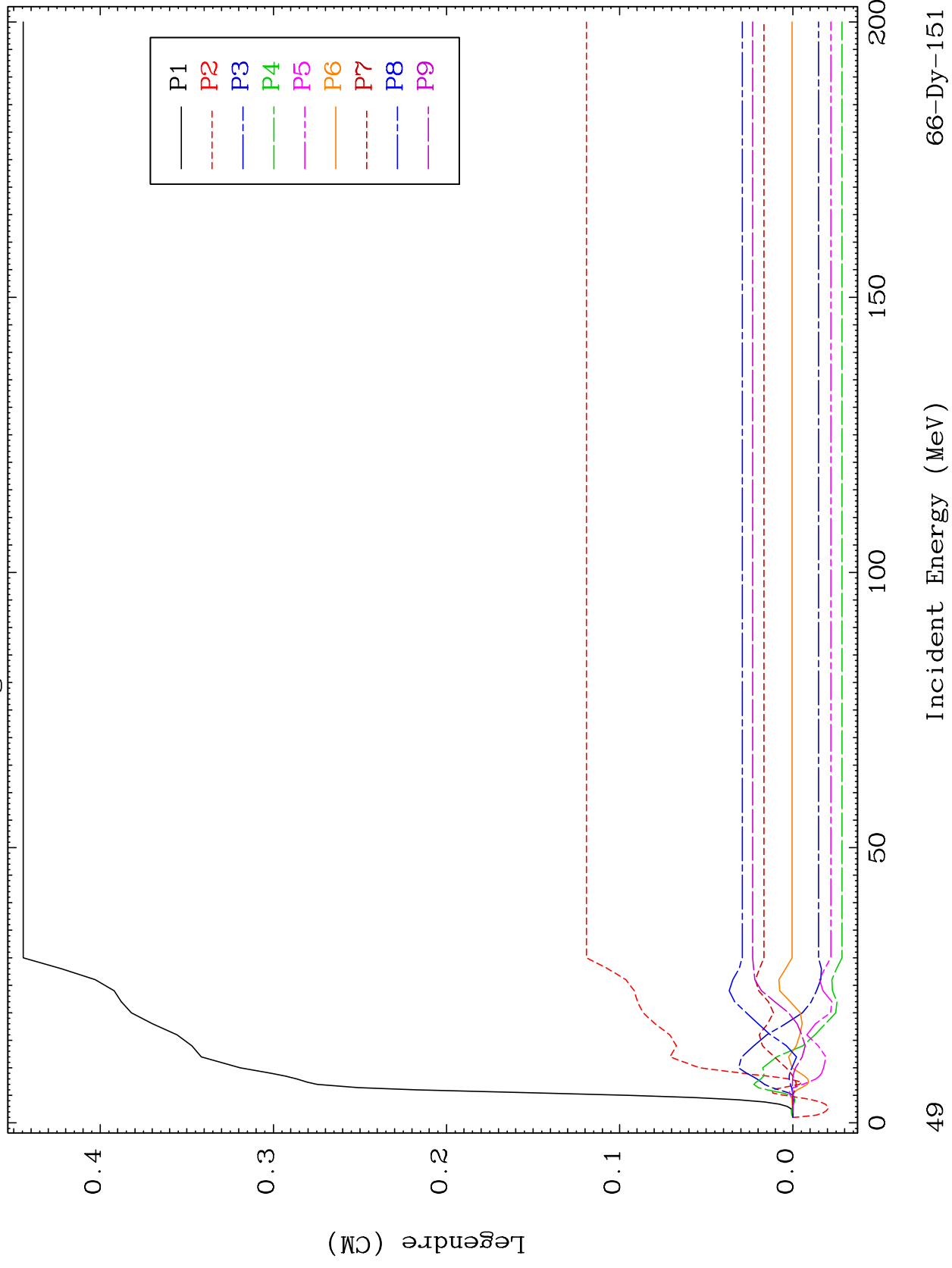
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

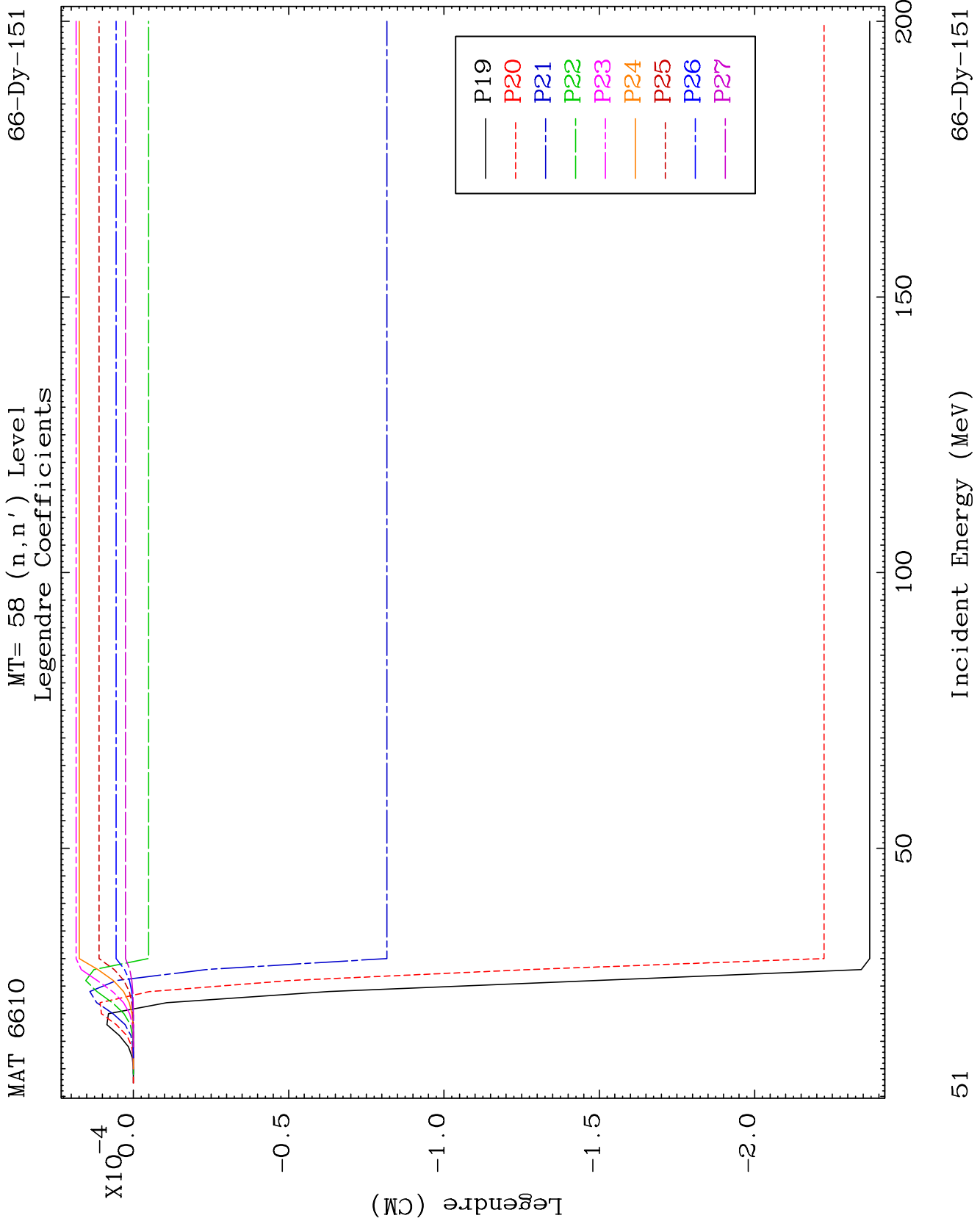
66-Dy-151



66-Dy-151

Incident Energy (MeV)

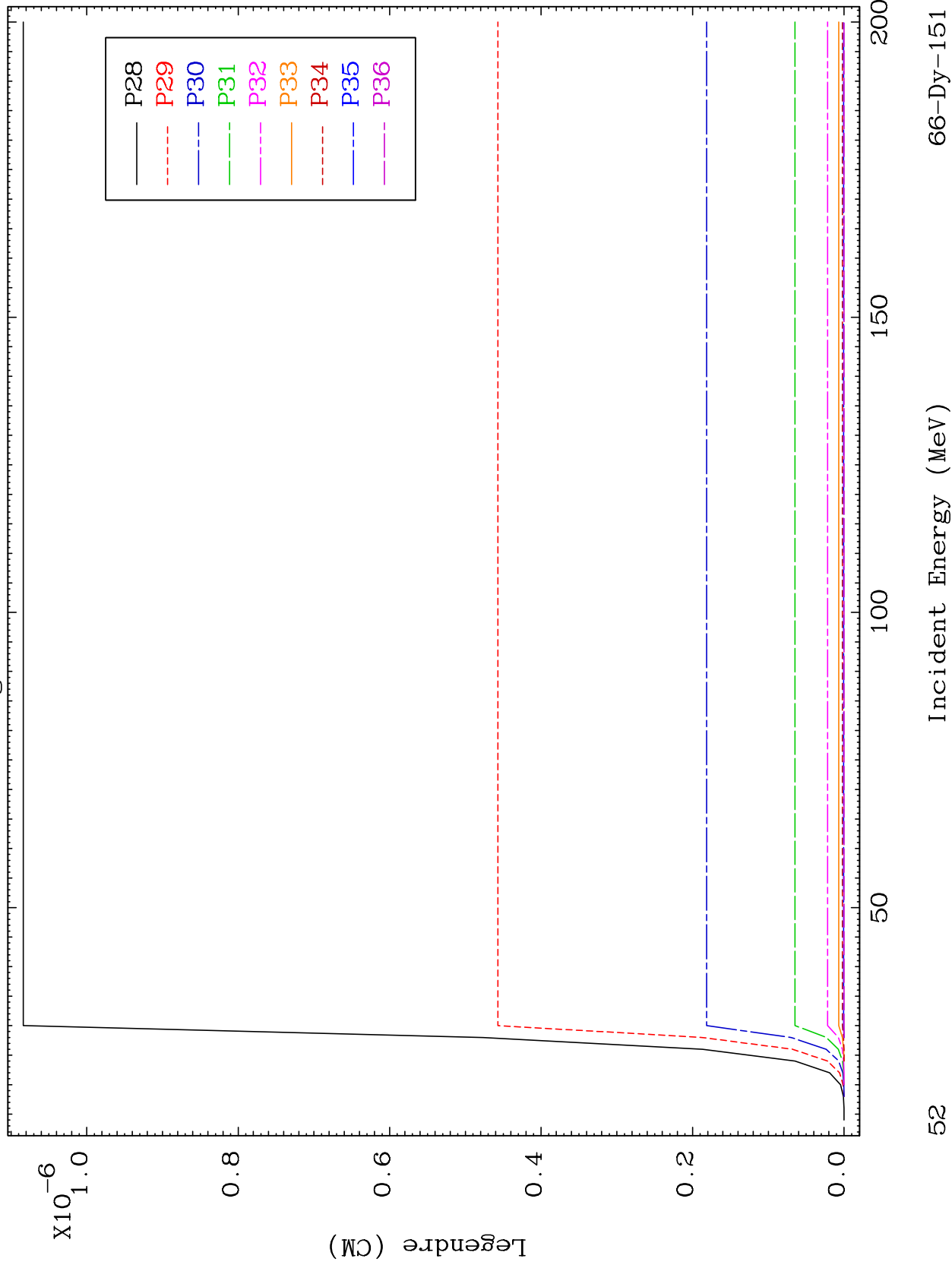
49



MAT 6610

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

66-Dy-151



52

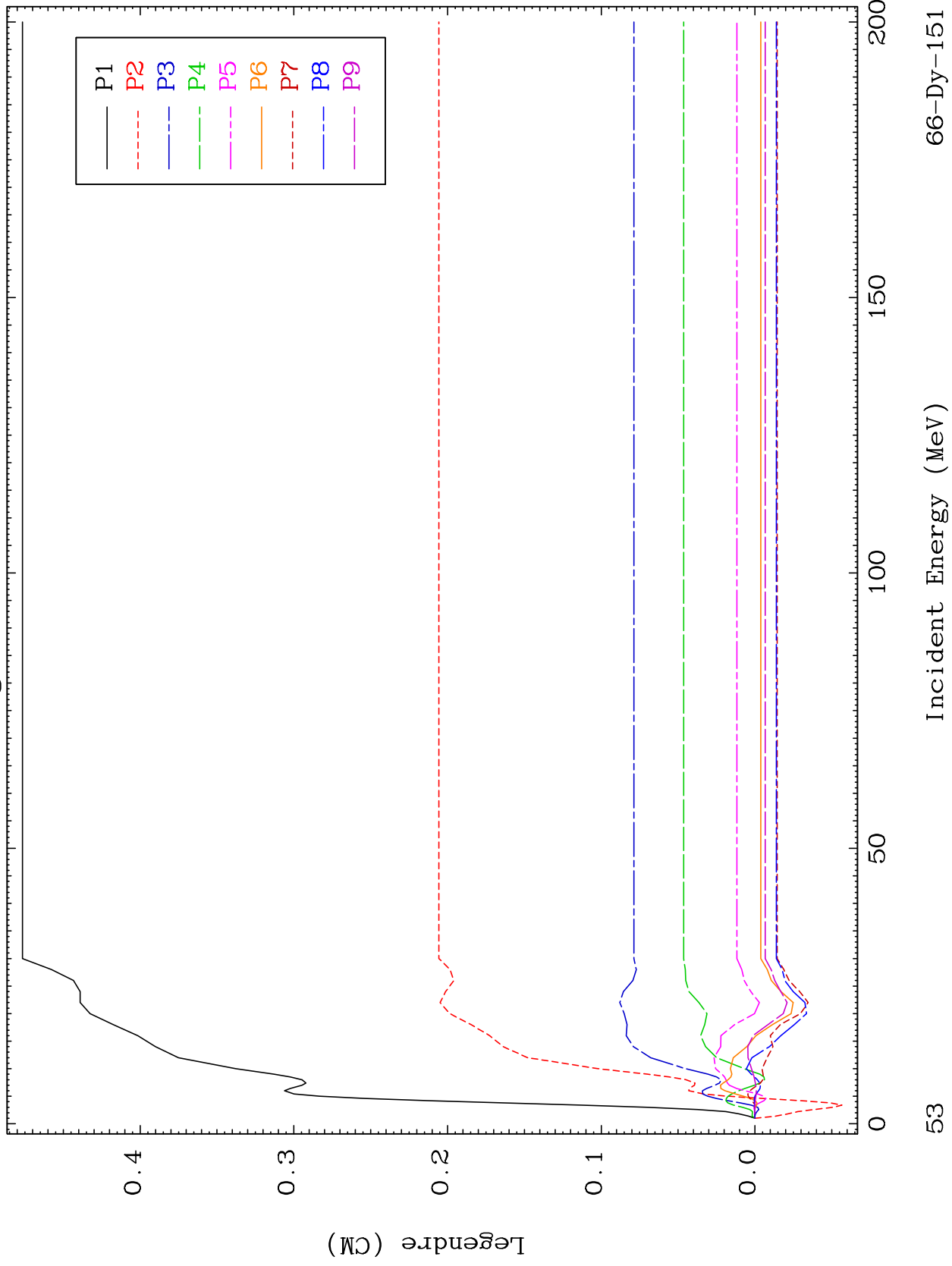
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

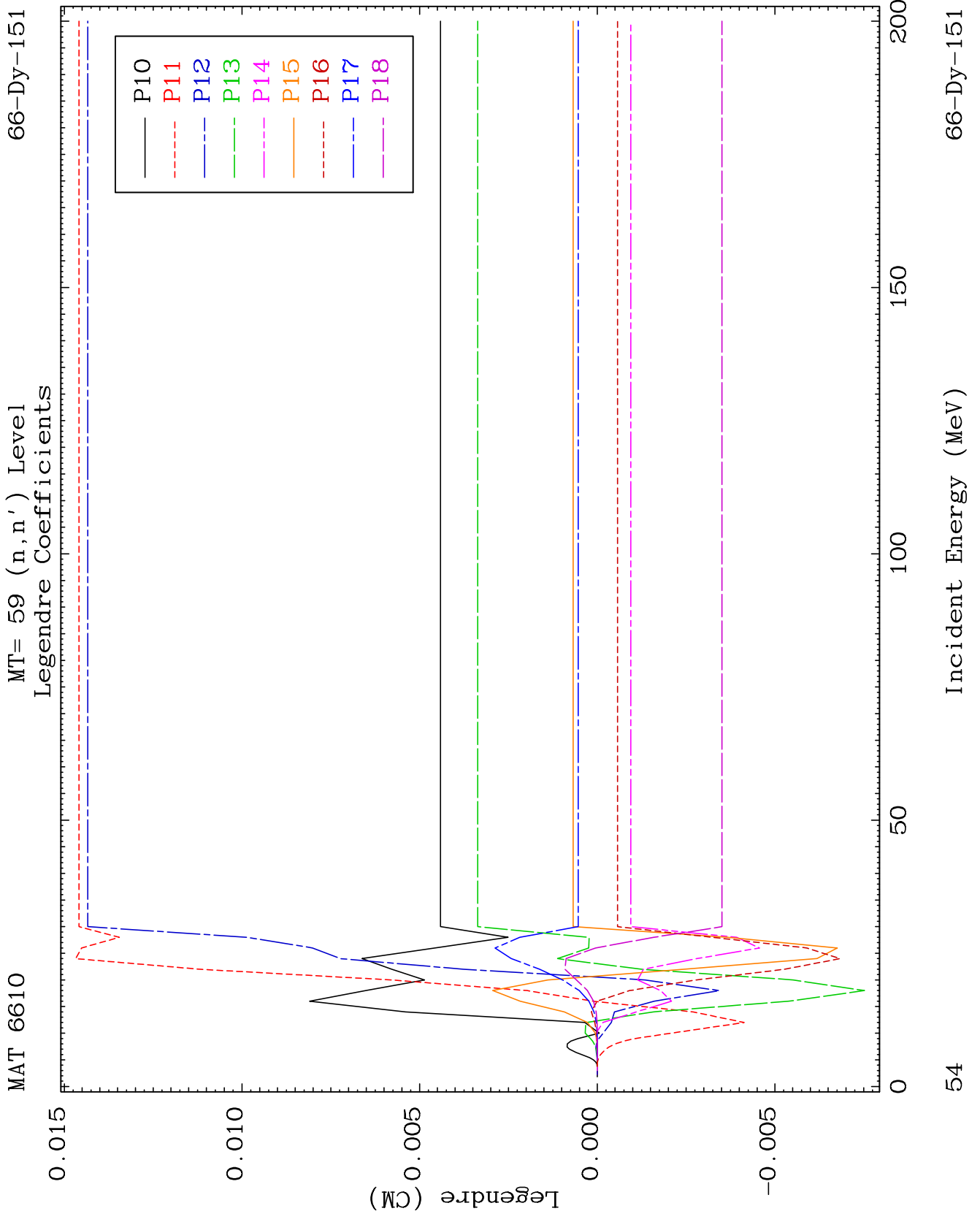
66-Dy-151



66-Dy-151

Incident Energy (MeV)

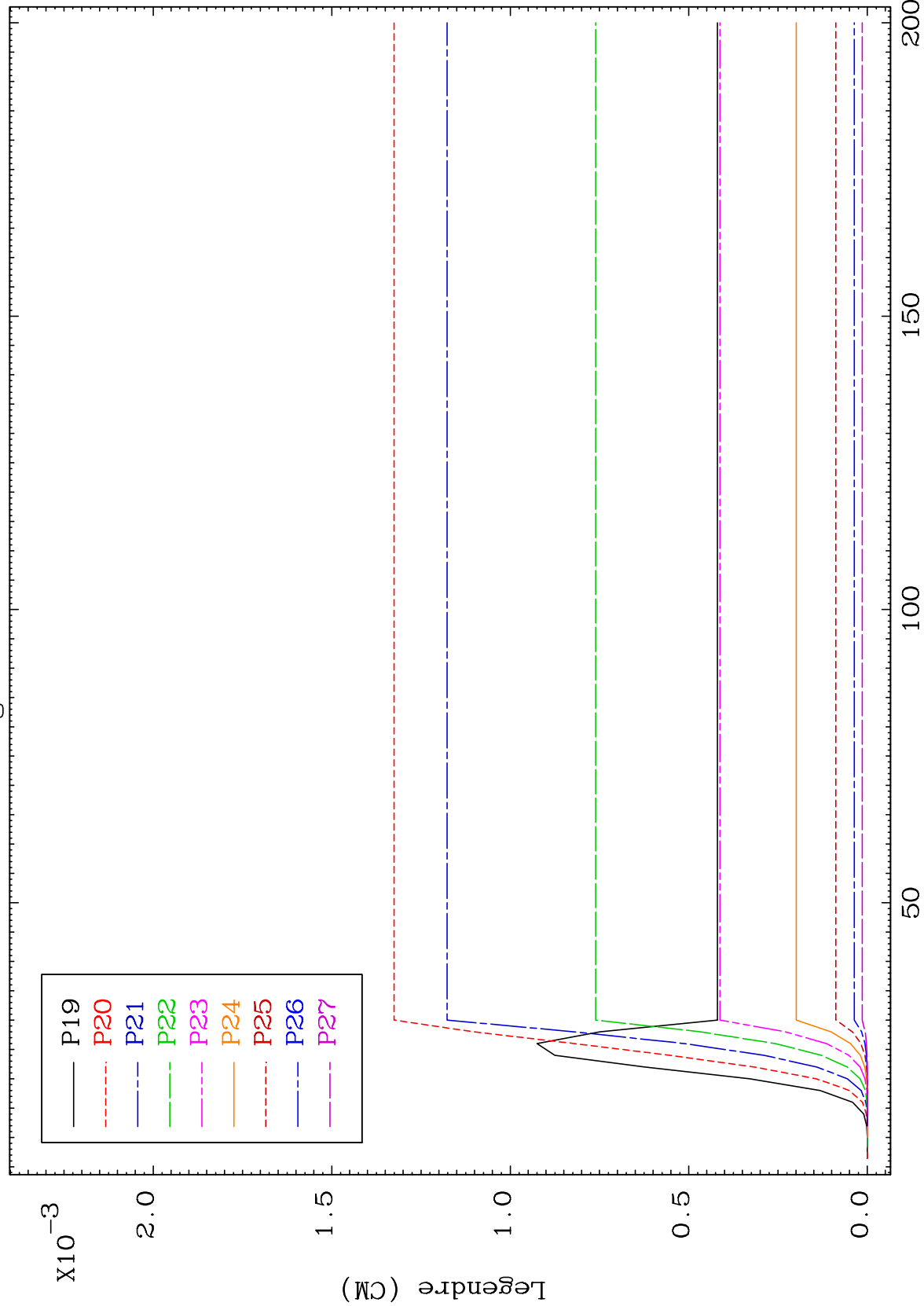
53



MAT 6610

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

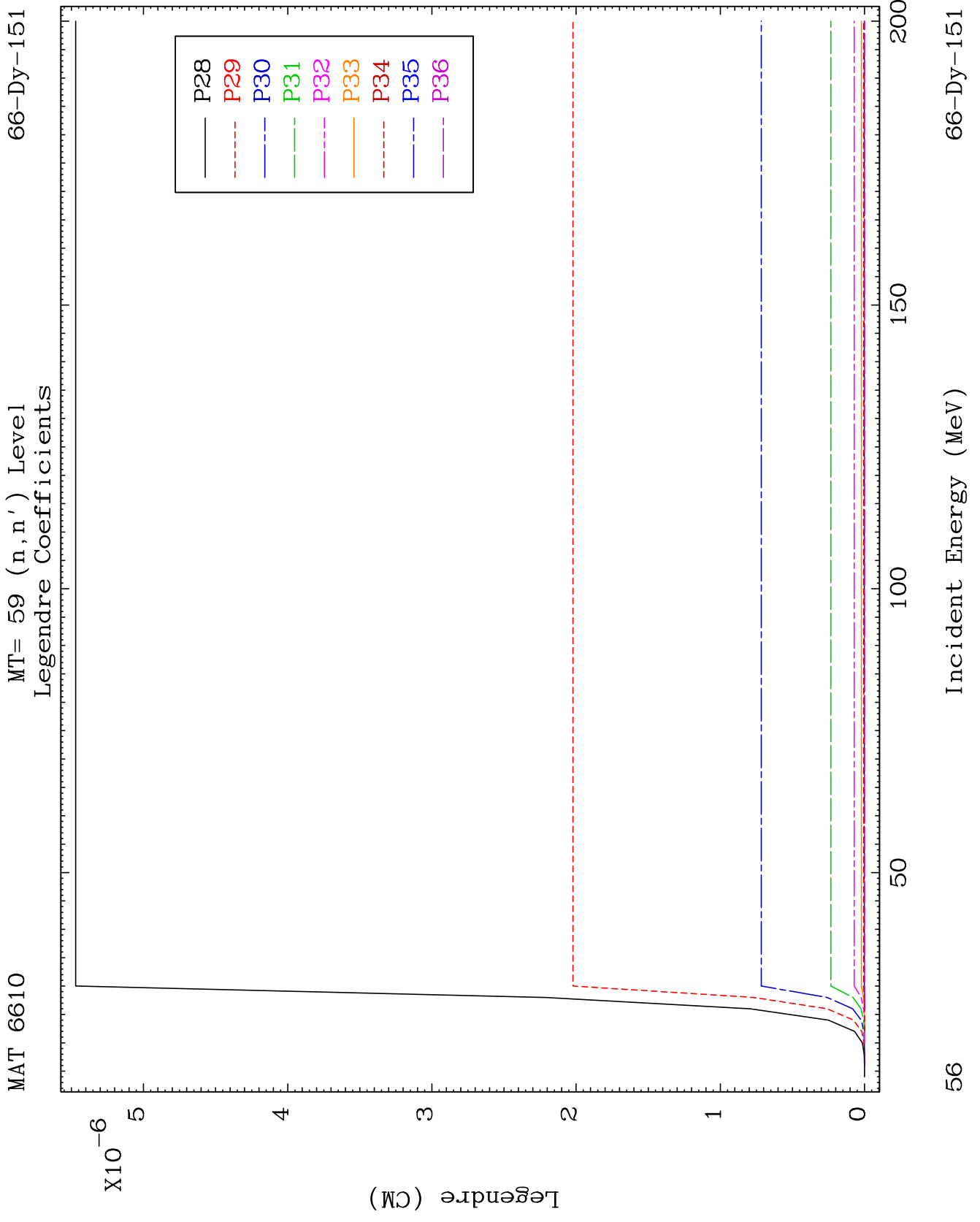
66-Dy-151

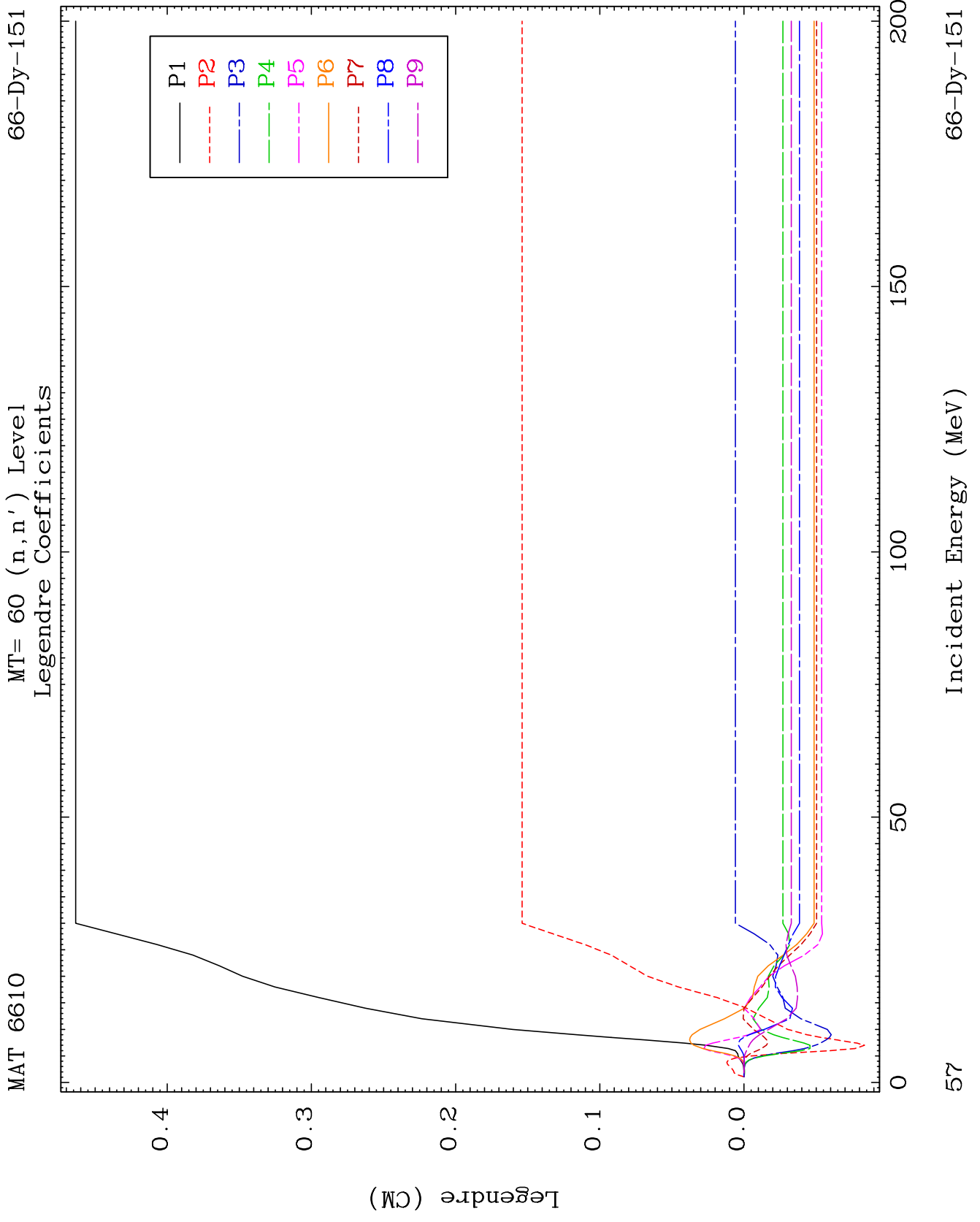


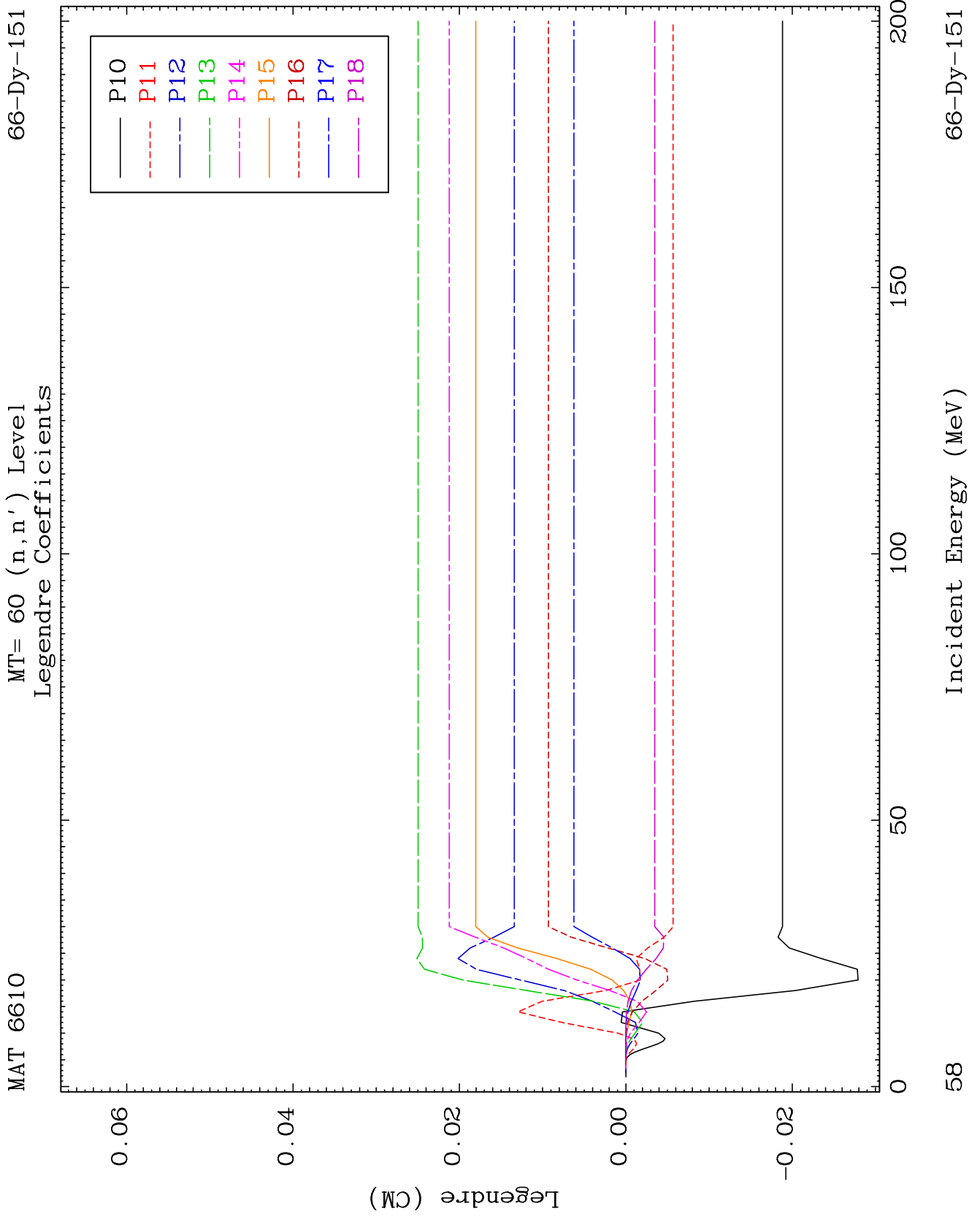
55

Incident Energy (MeV)

66-Dy-151



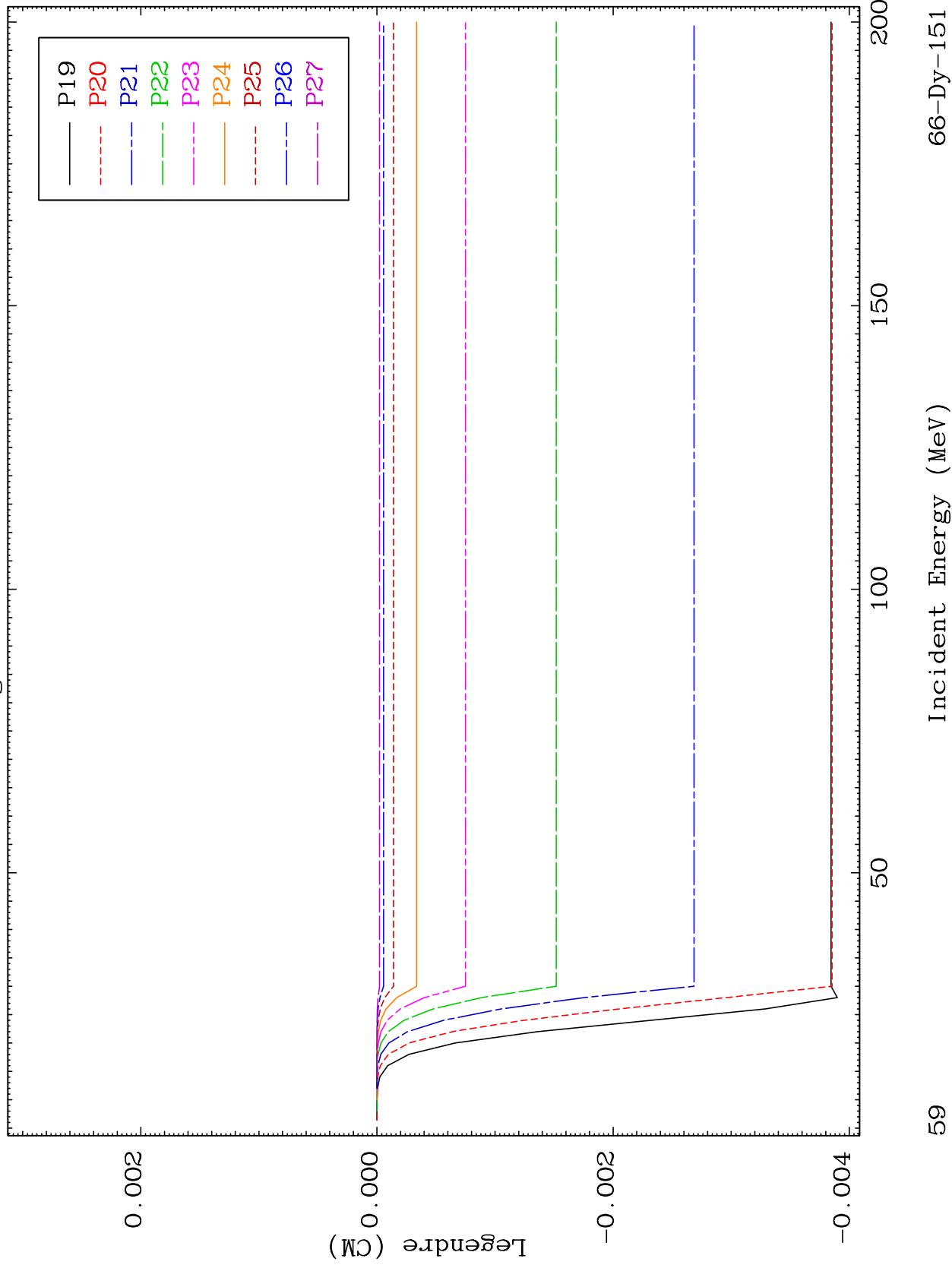




MAT 6610

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

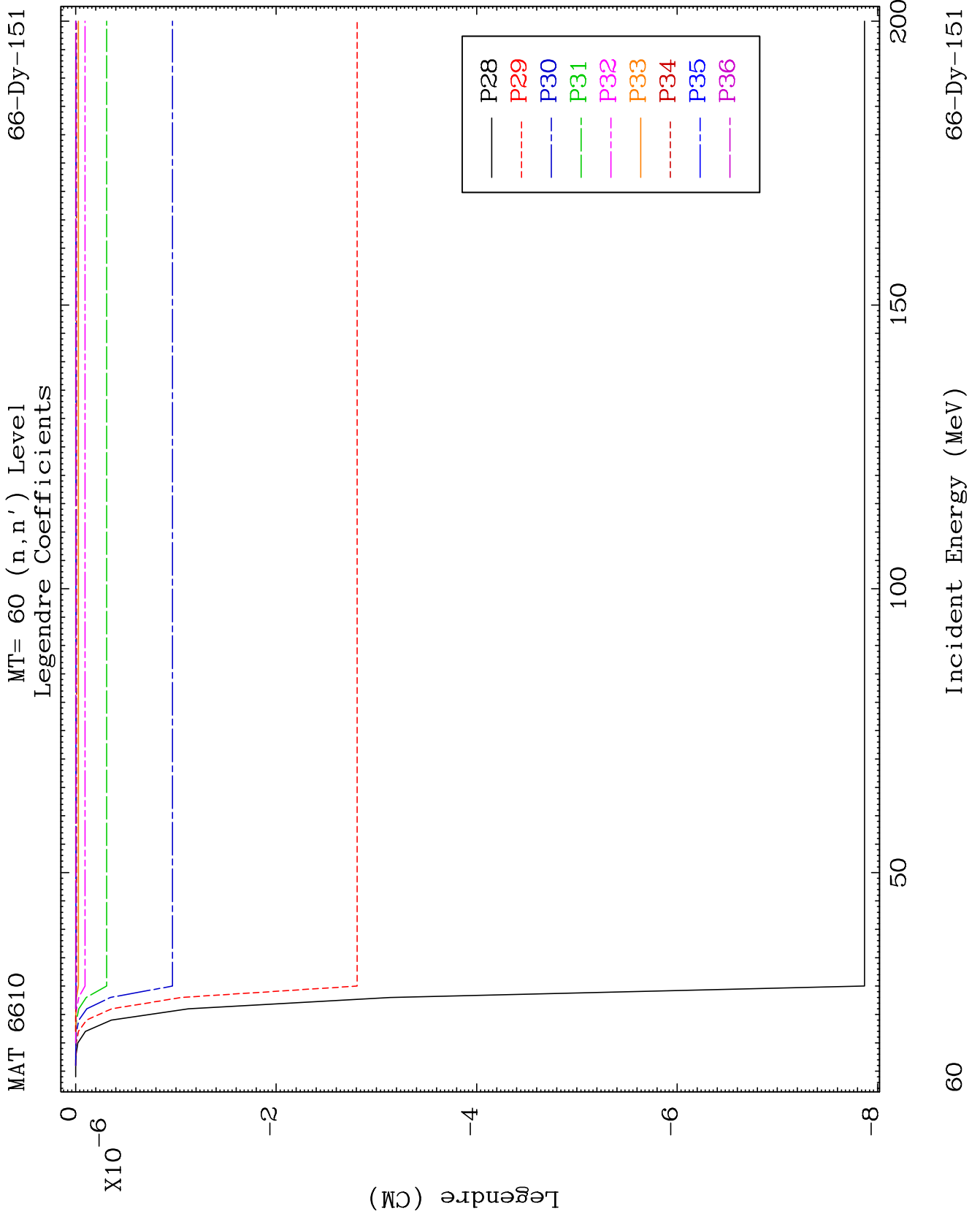
66-Dy-151

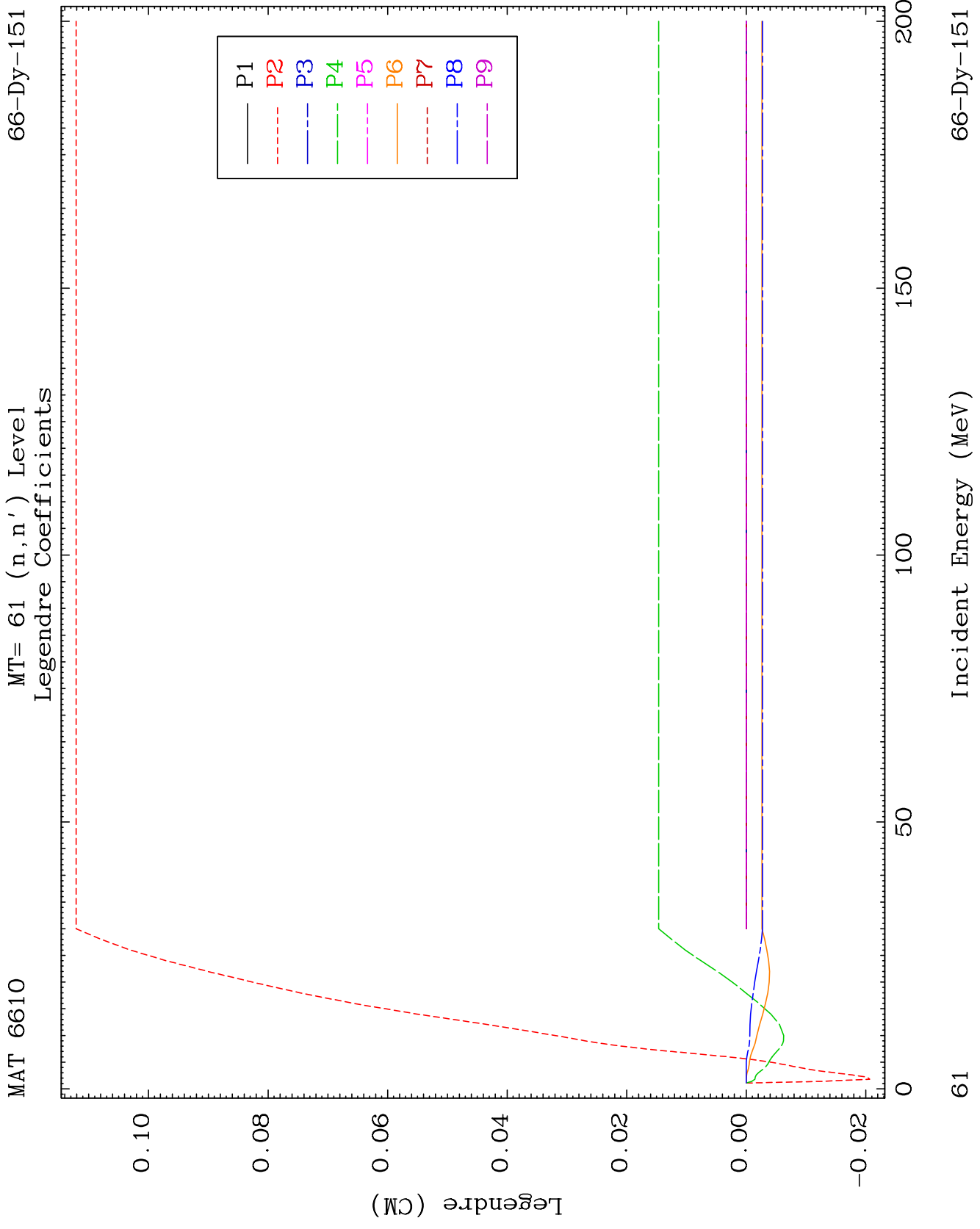


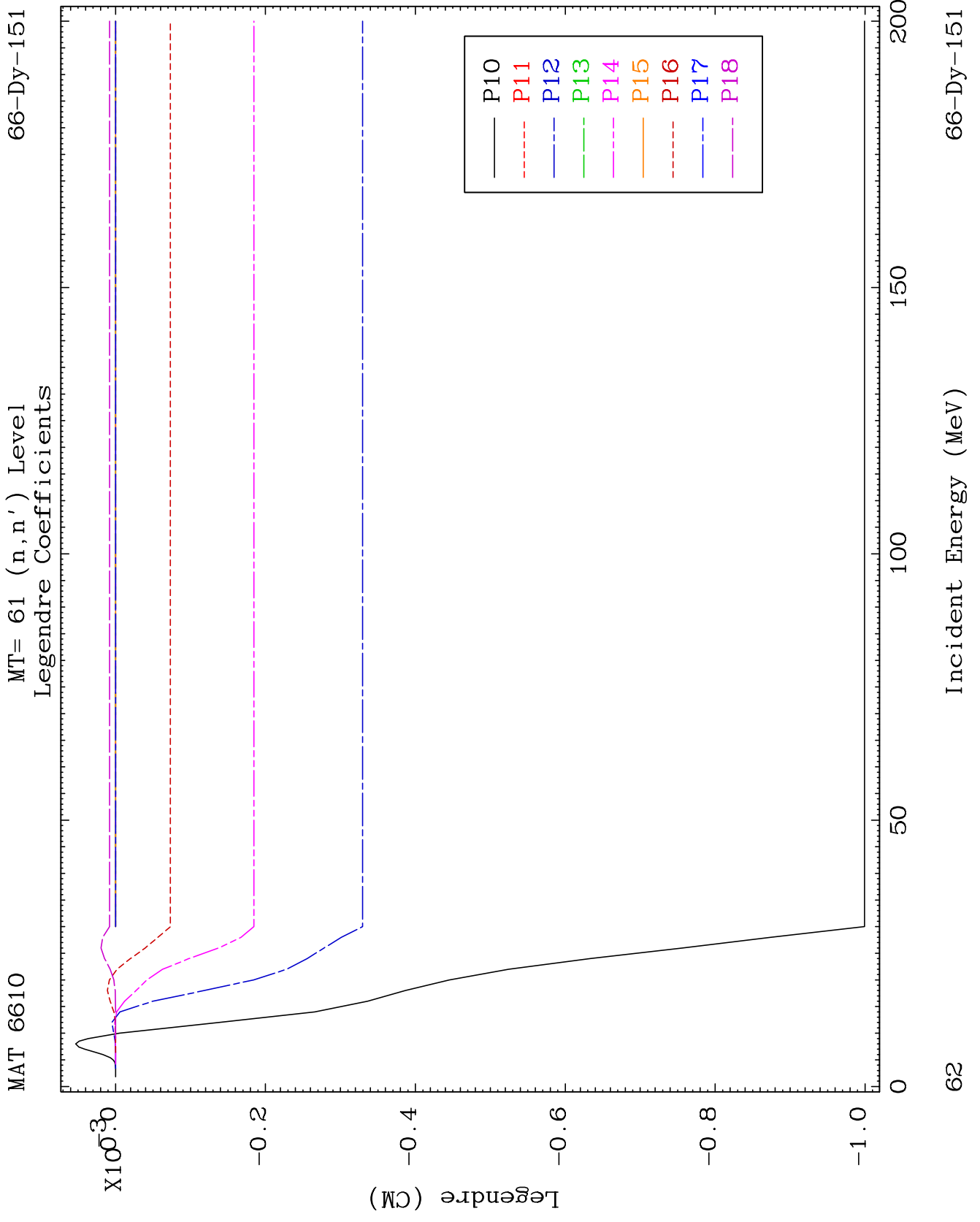
59

Incident Energy (MeV)

66-Dy-151



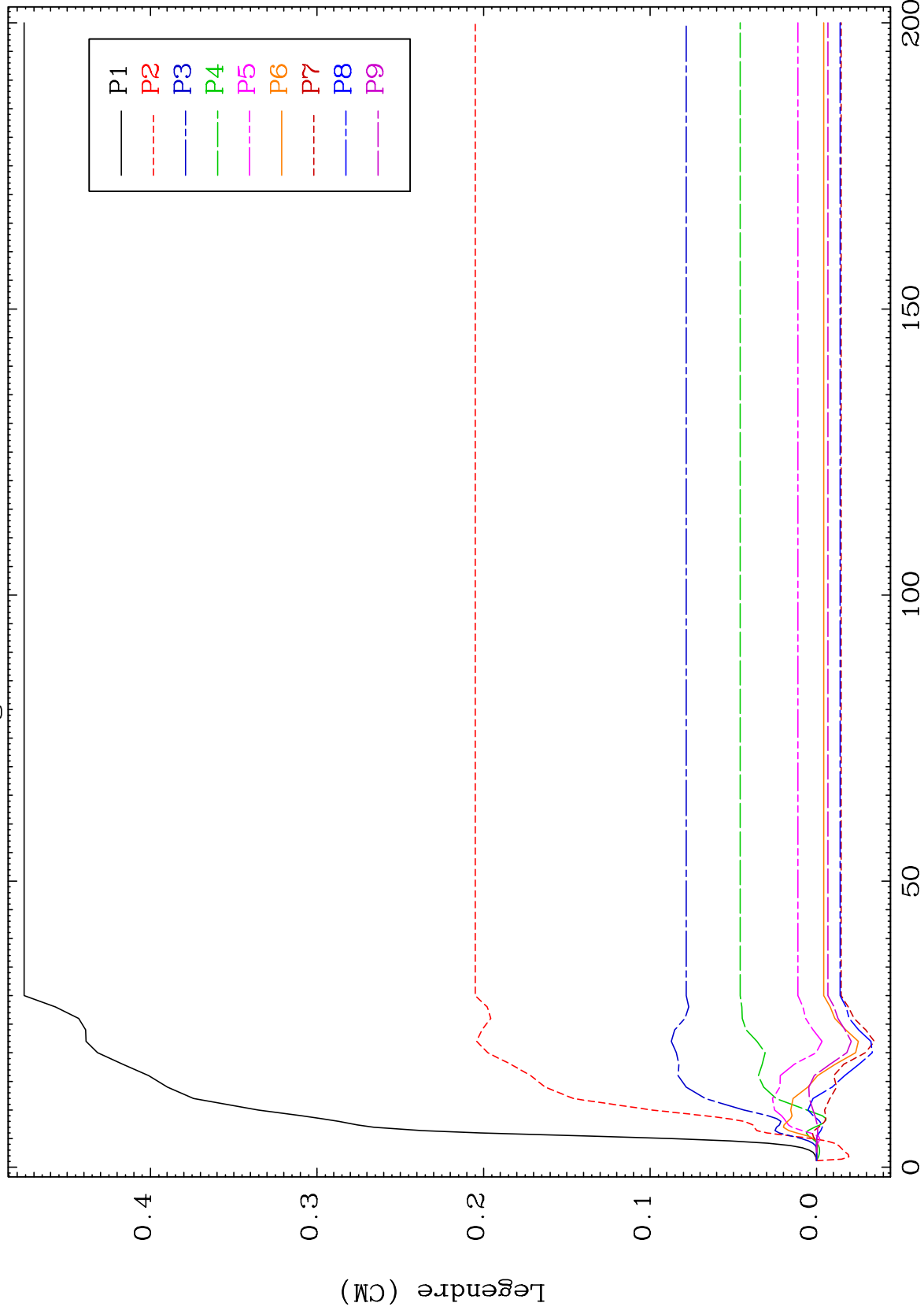




MAT 6610

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

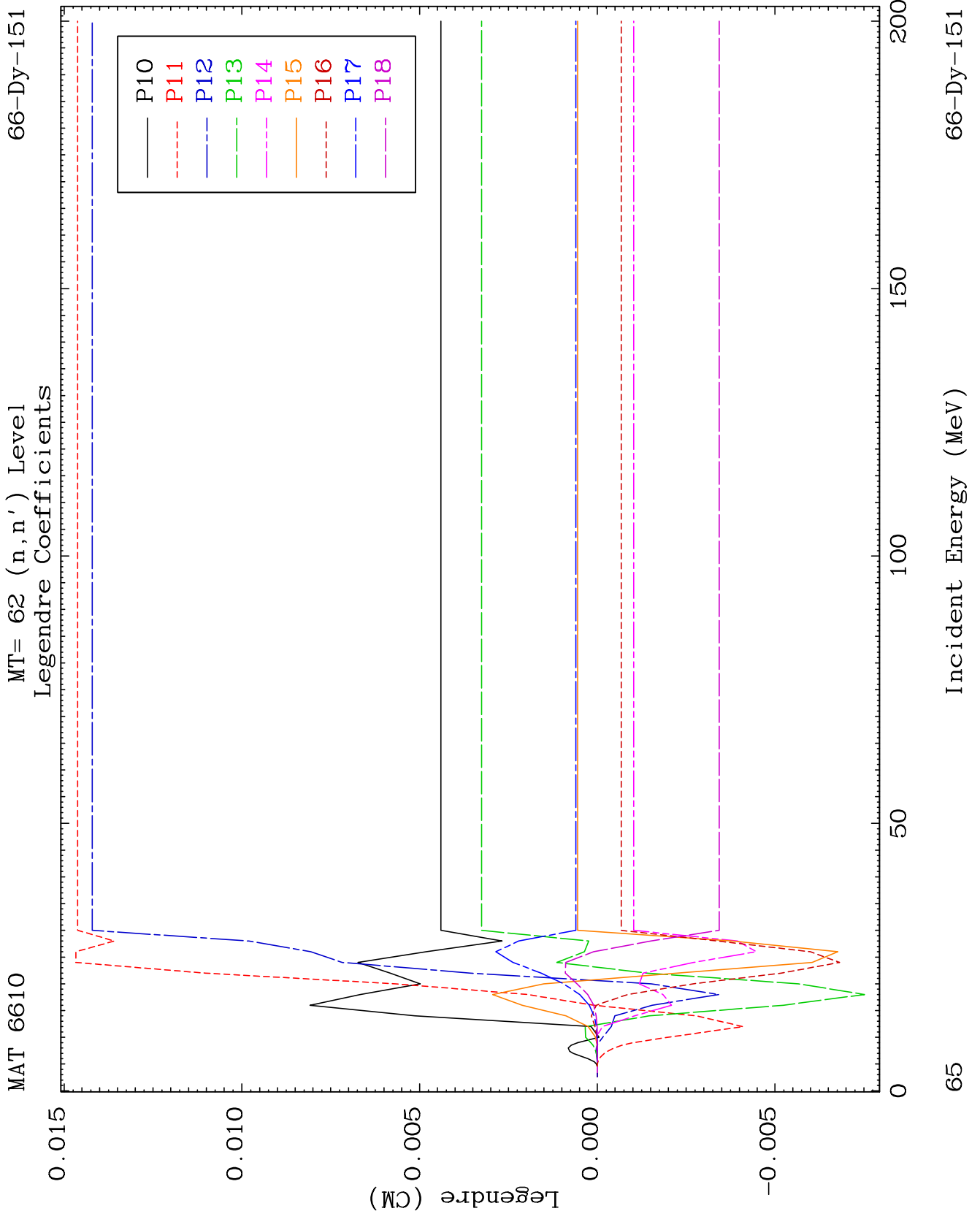
66-Dy-151



64

Incident Energy (MeV)

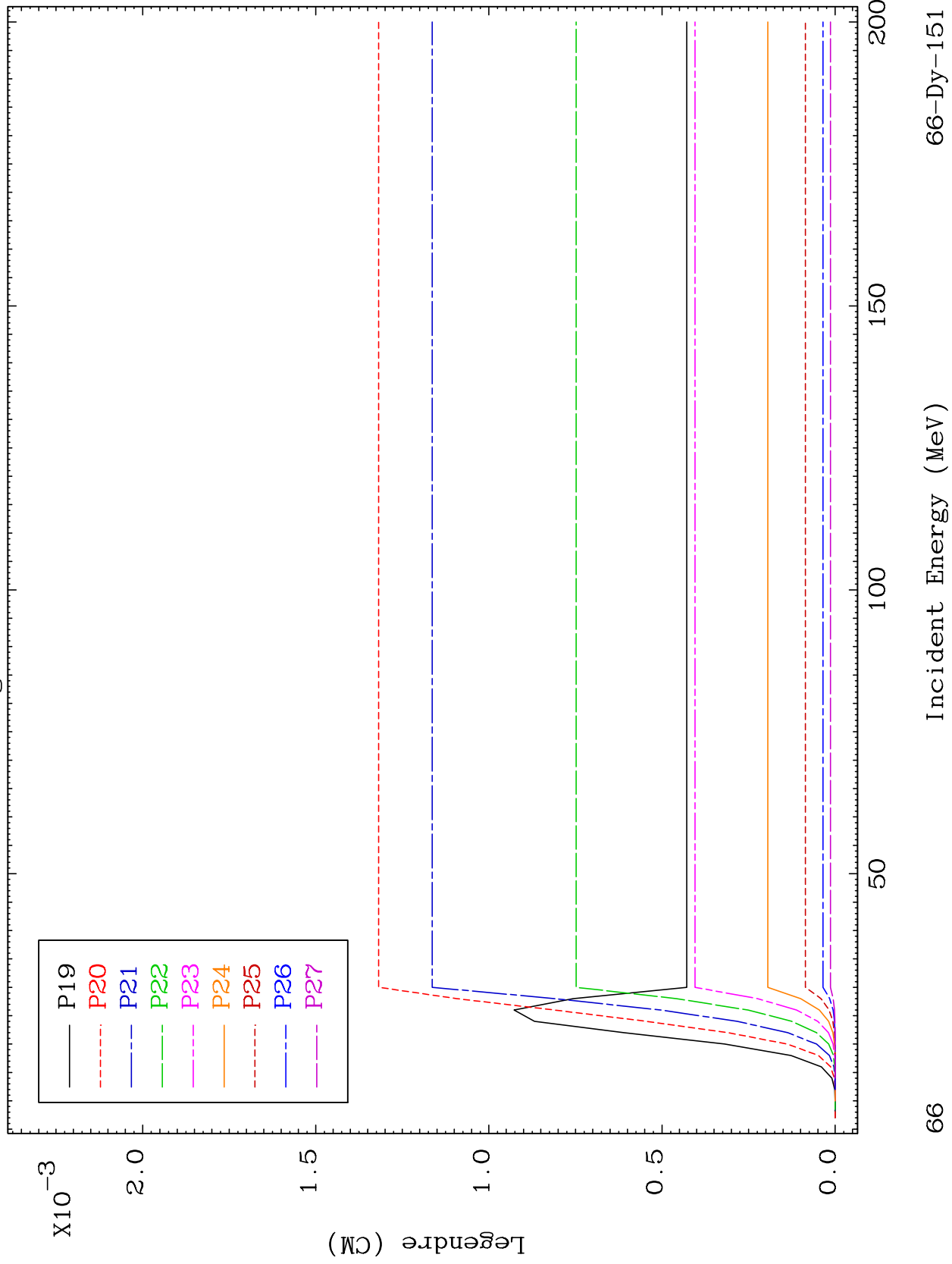
66-Dy-151



MAT 6610

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

66-Dy-151



66

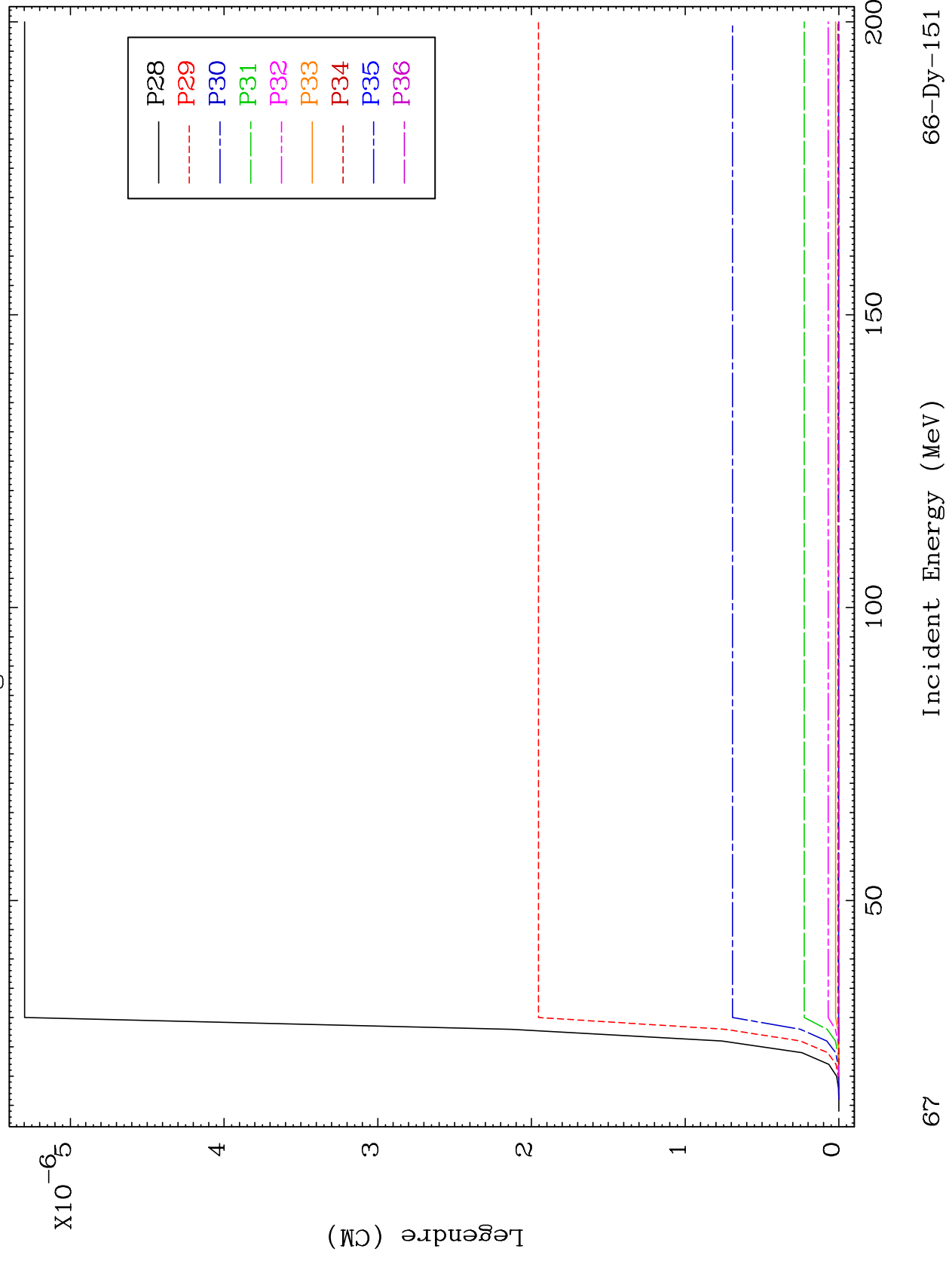
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

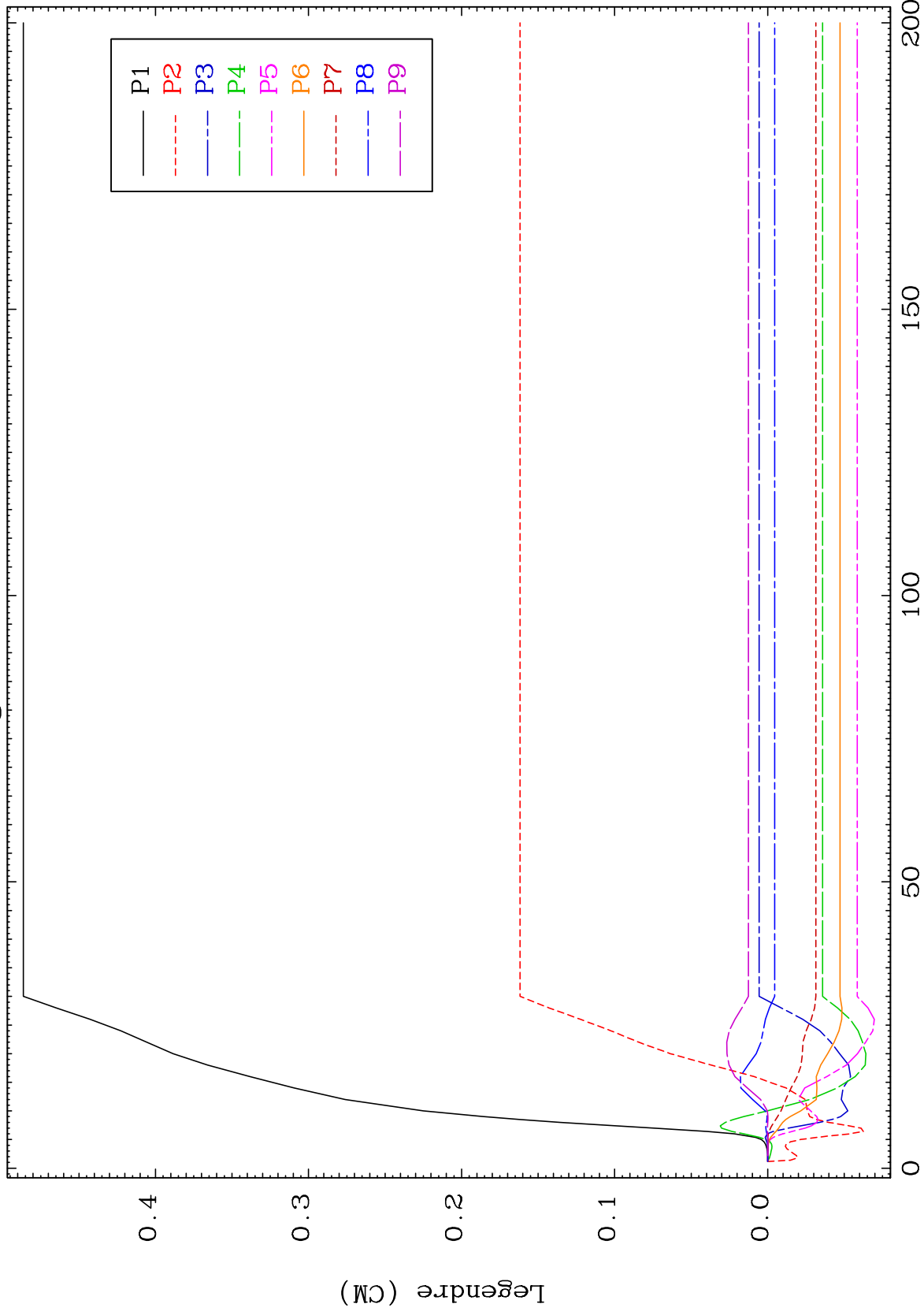
66-Dy-151



MAT 6610

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

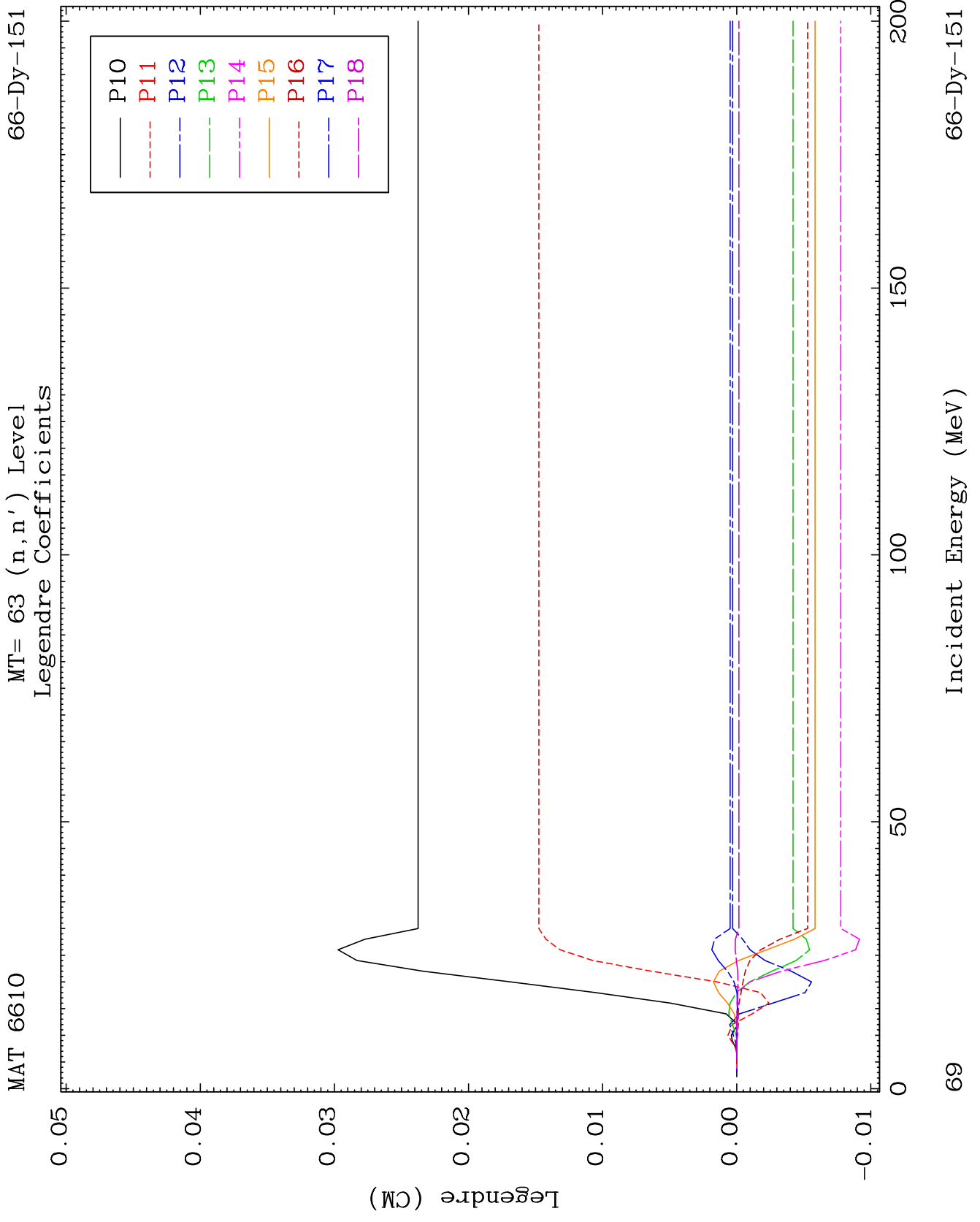
66-Dy-151

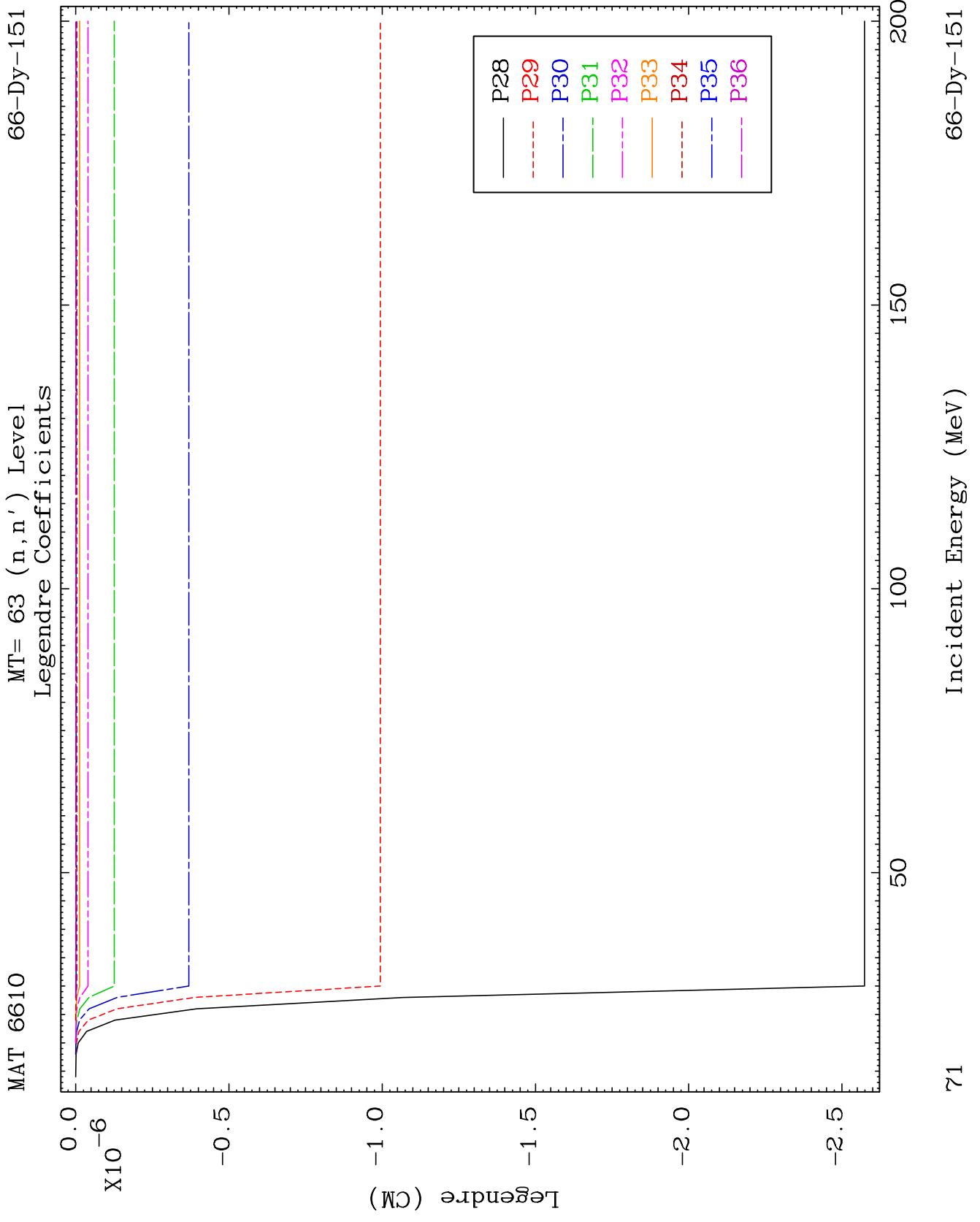


68

Incident Energy (MeV)

66-Dy-151

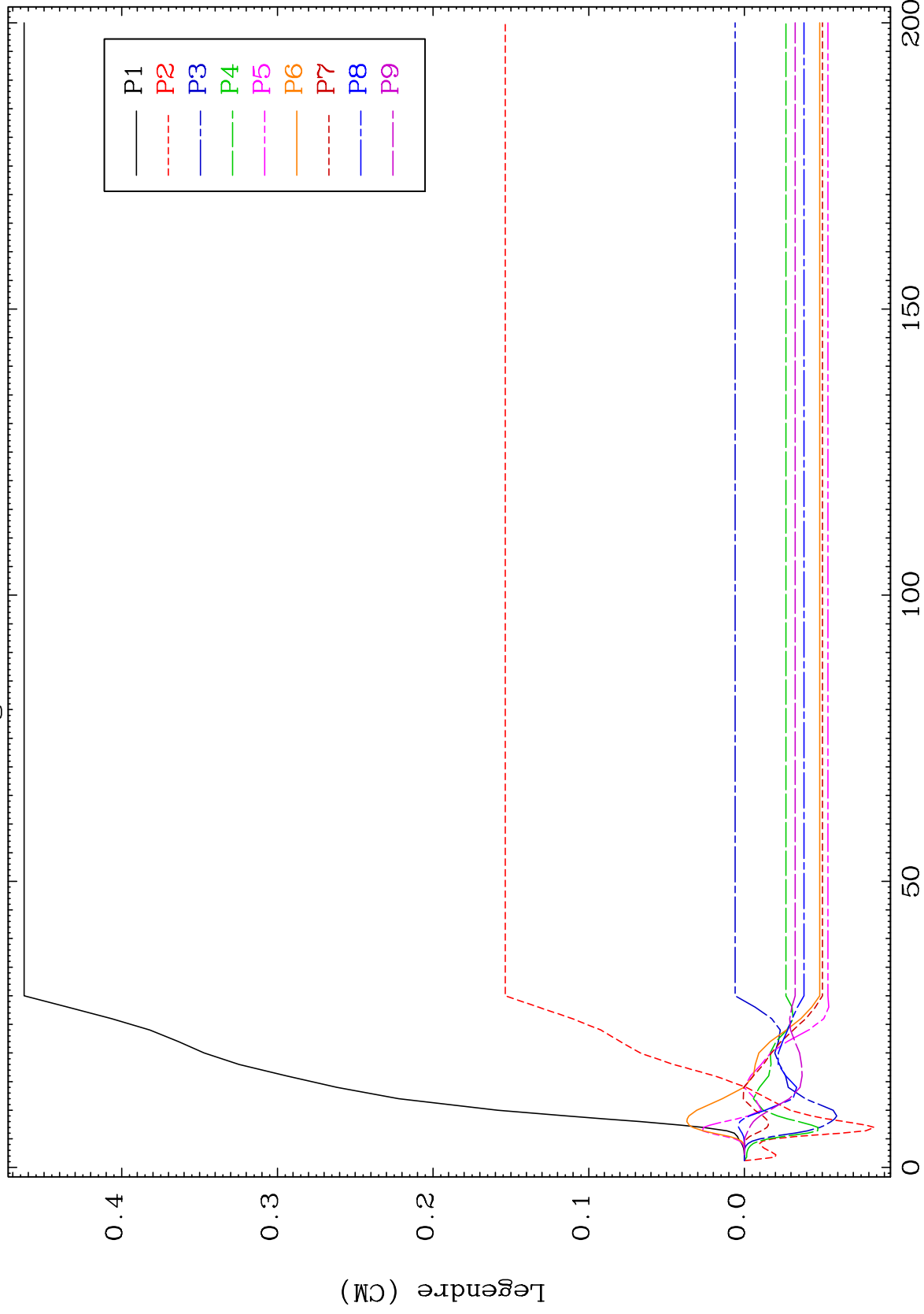




MAT 6610

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

66-Dy-151



72

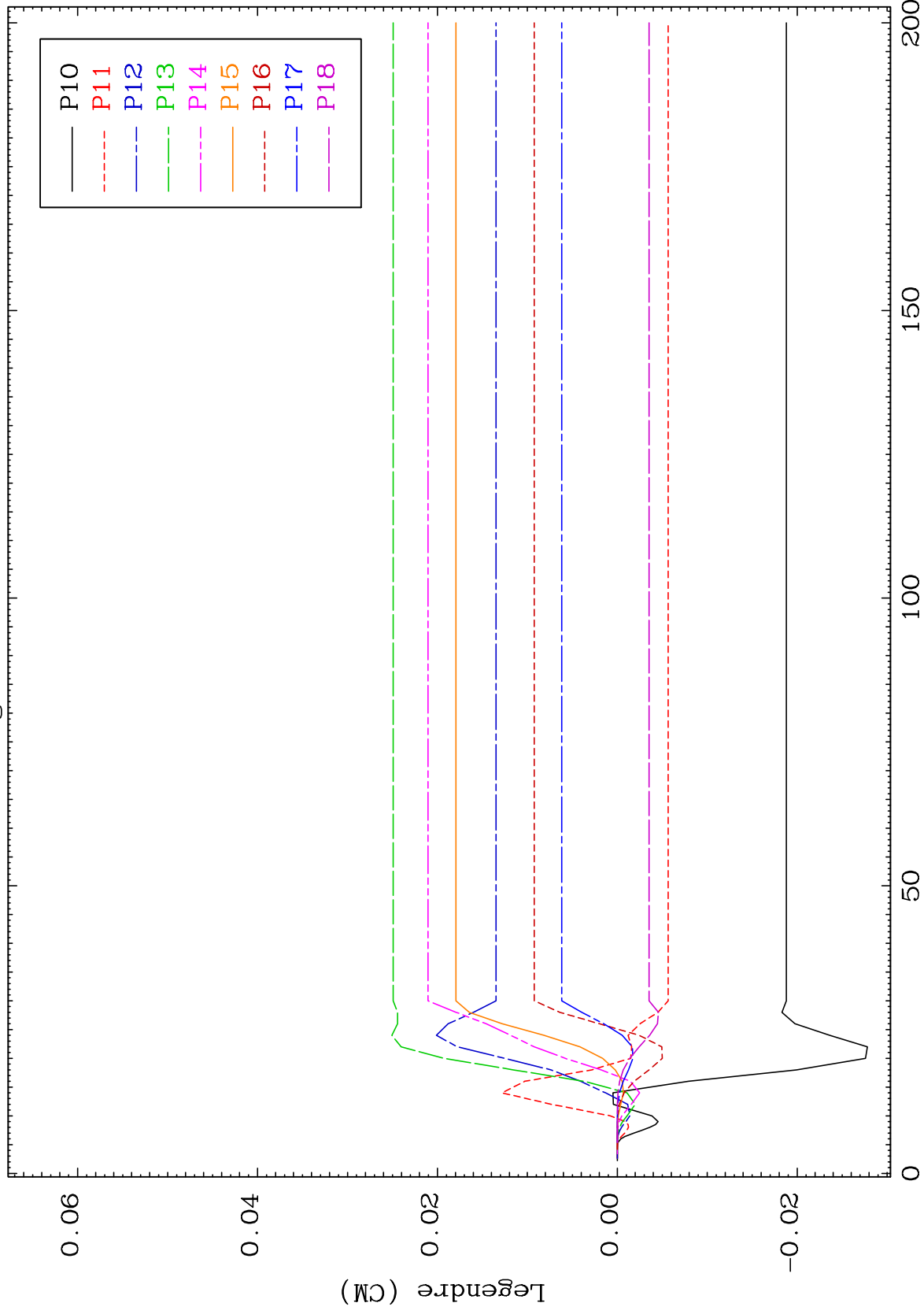
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

66-Dy-151



73

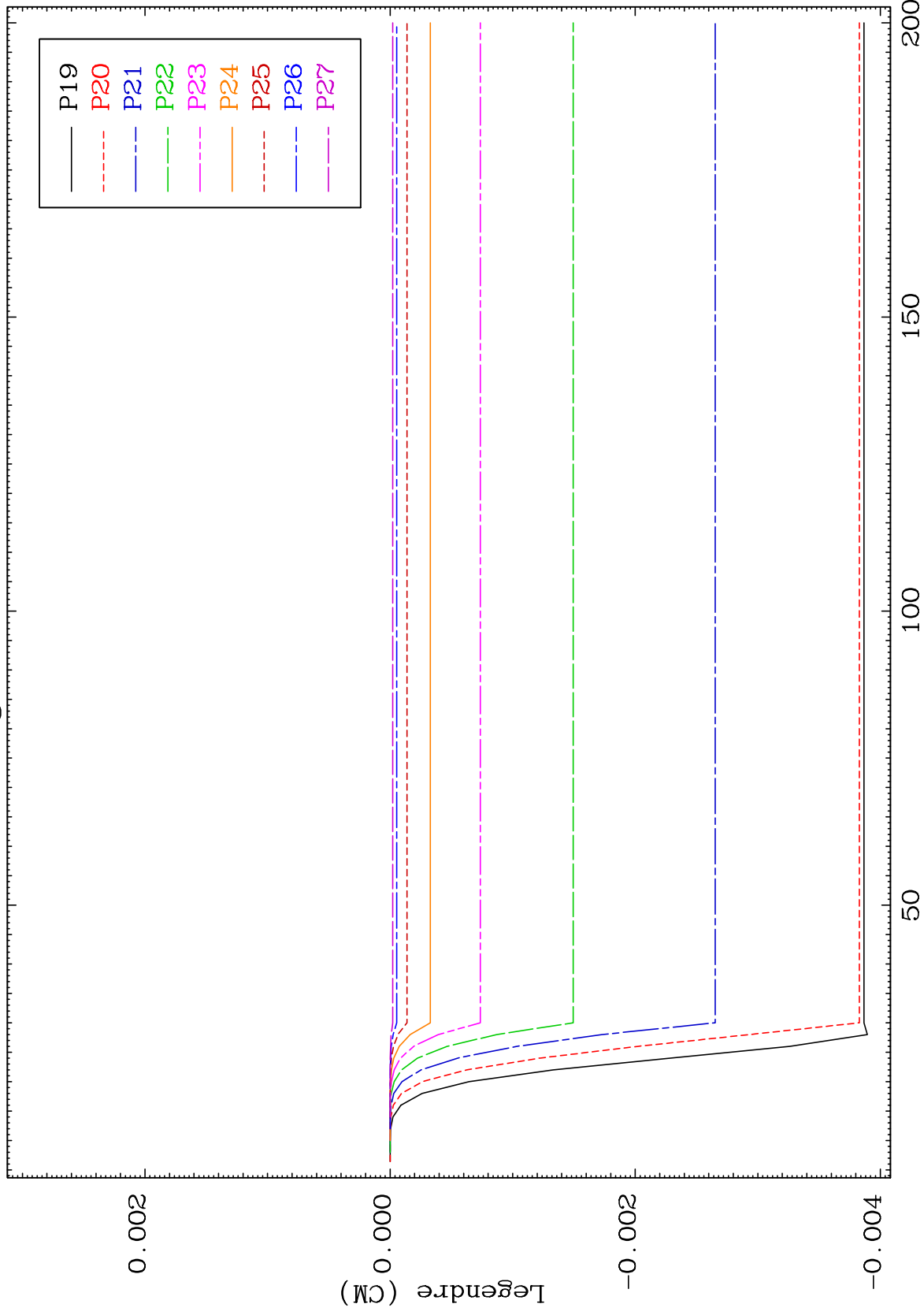
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

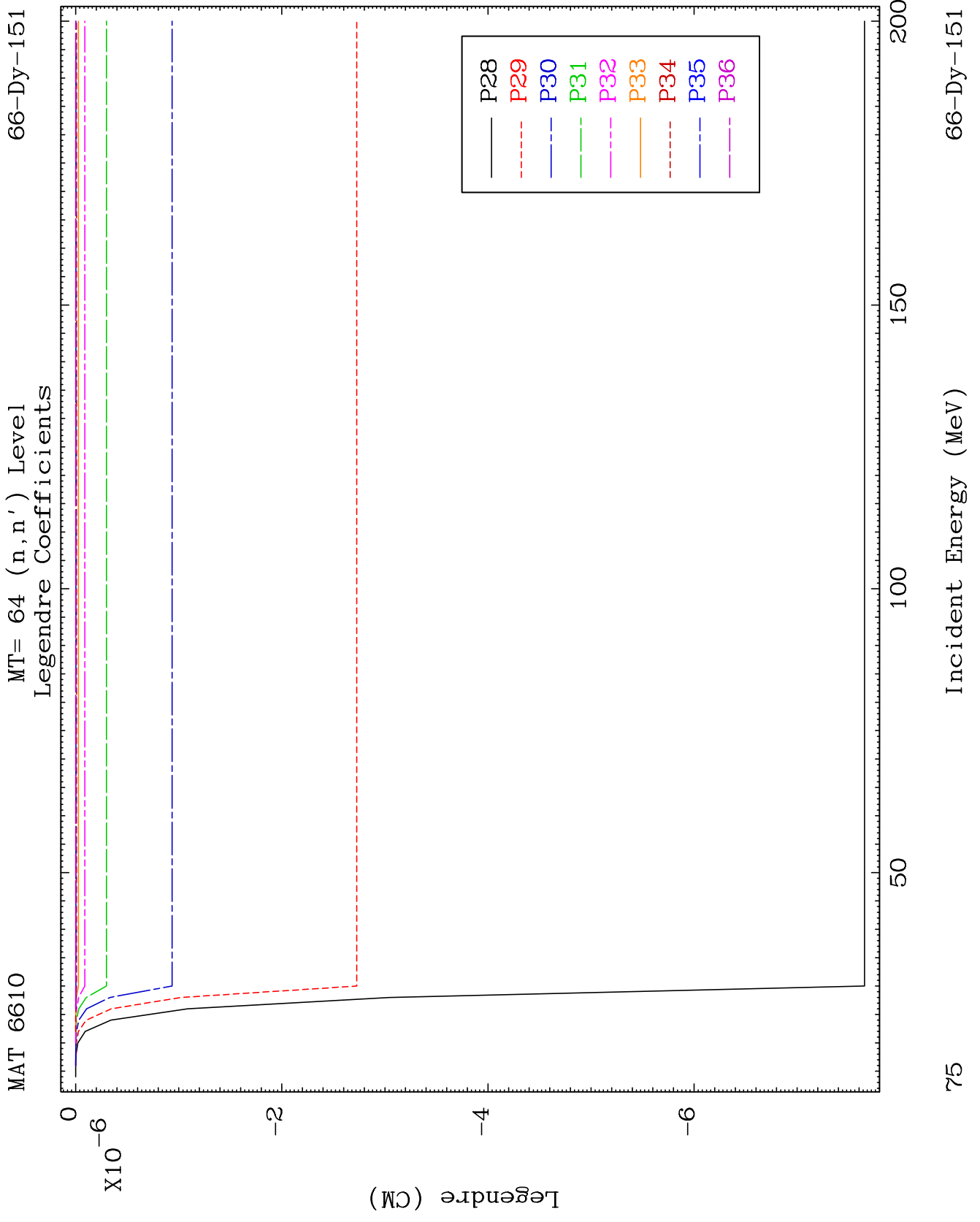
66-Dy-151

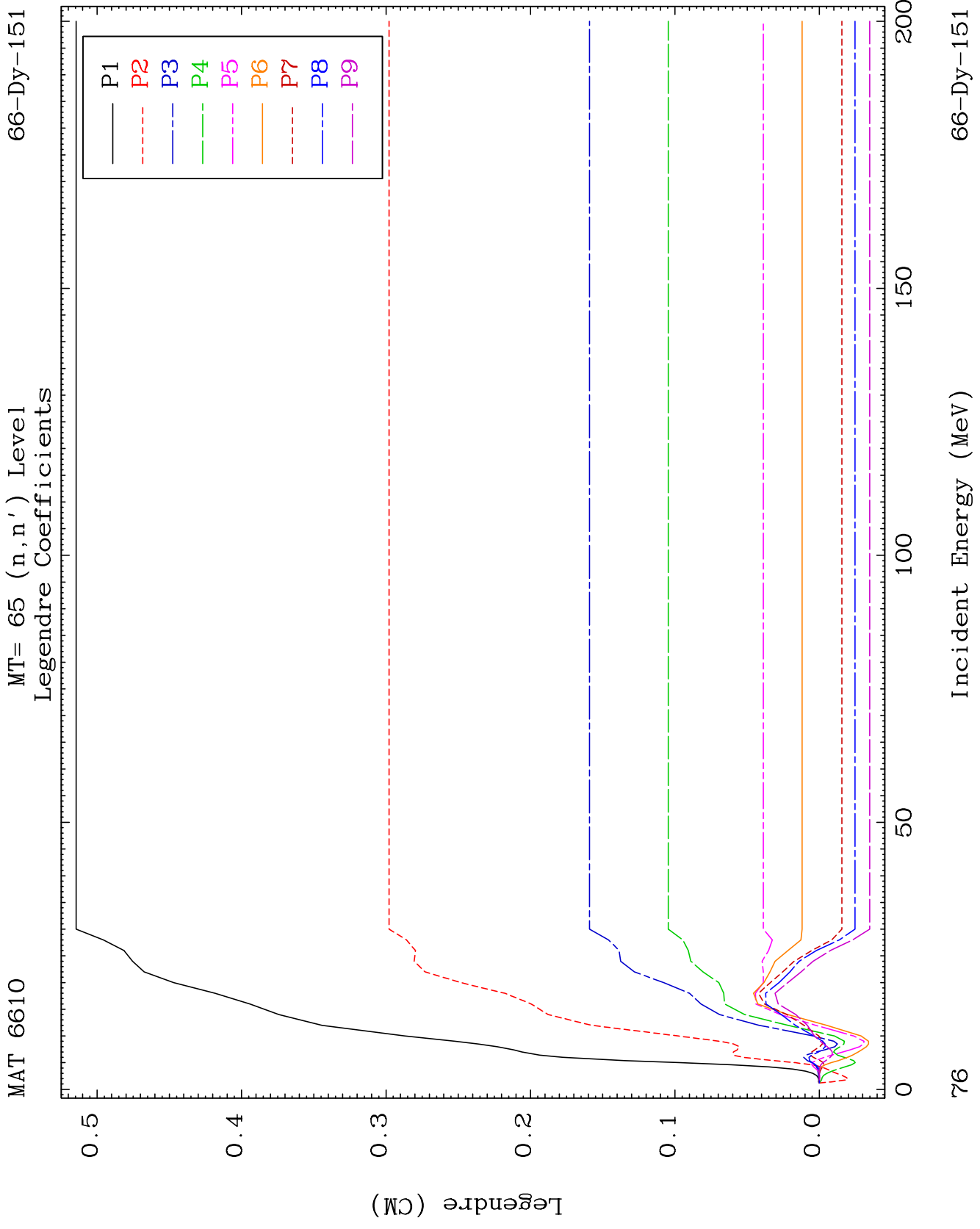


74

Incident Energy (MeV)

66-Dy-151

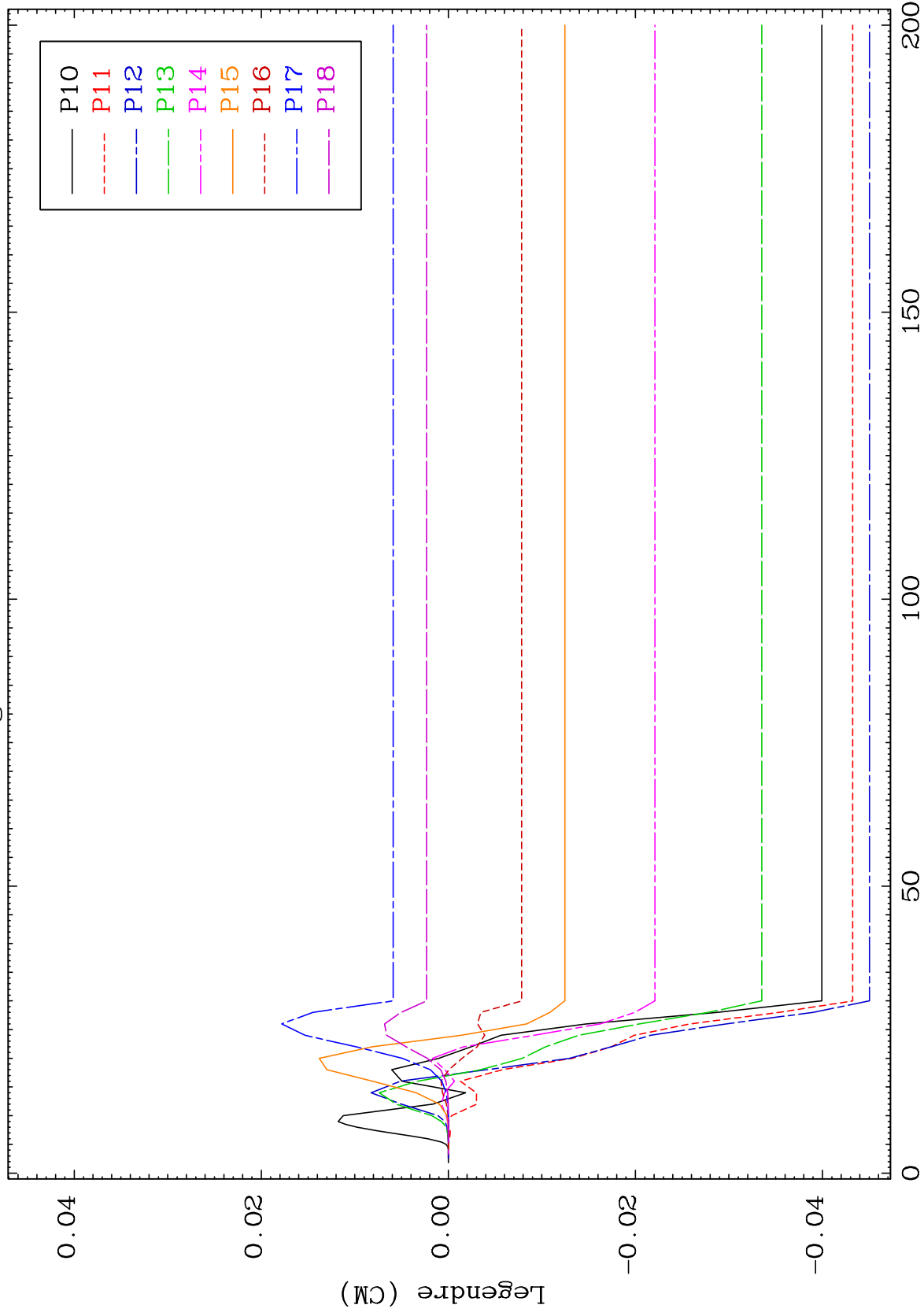




MAT 6610

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

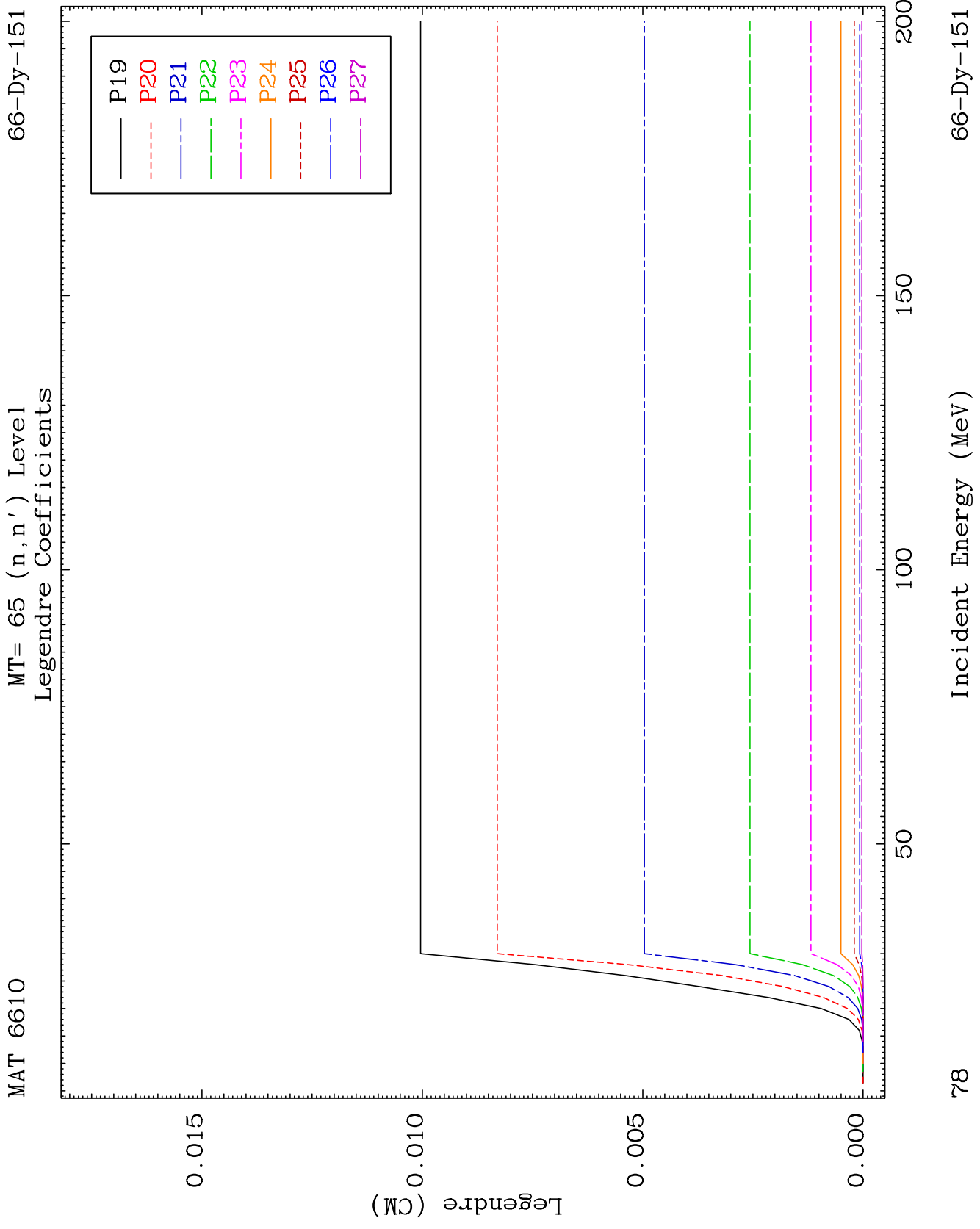
66-Dy-151

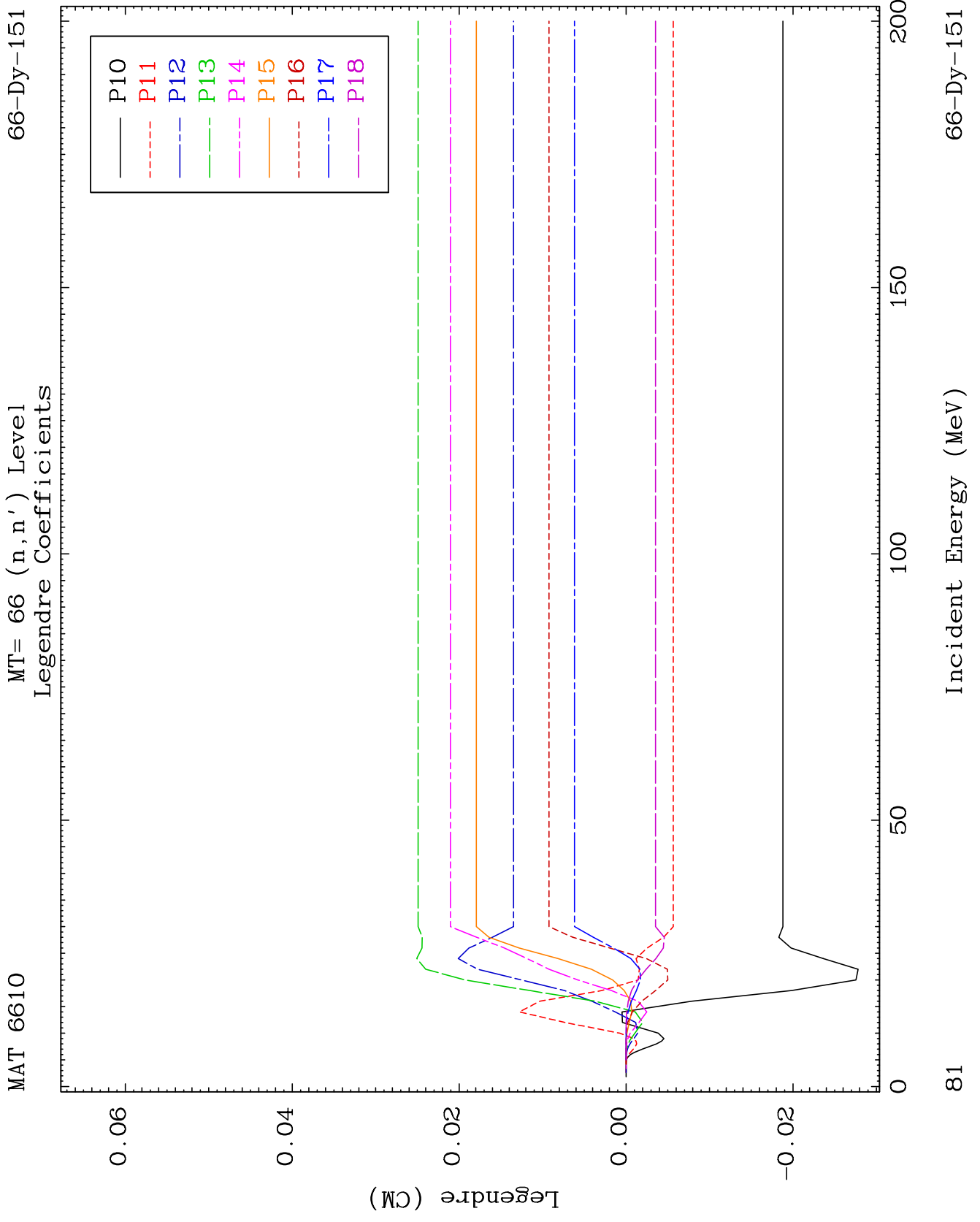


77

Incident Energy (MeV)

66-Dy-151

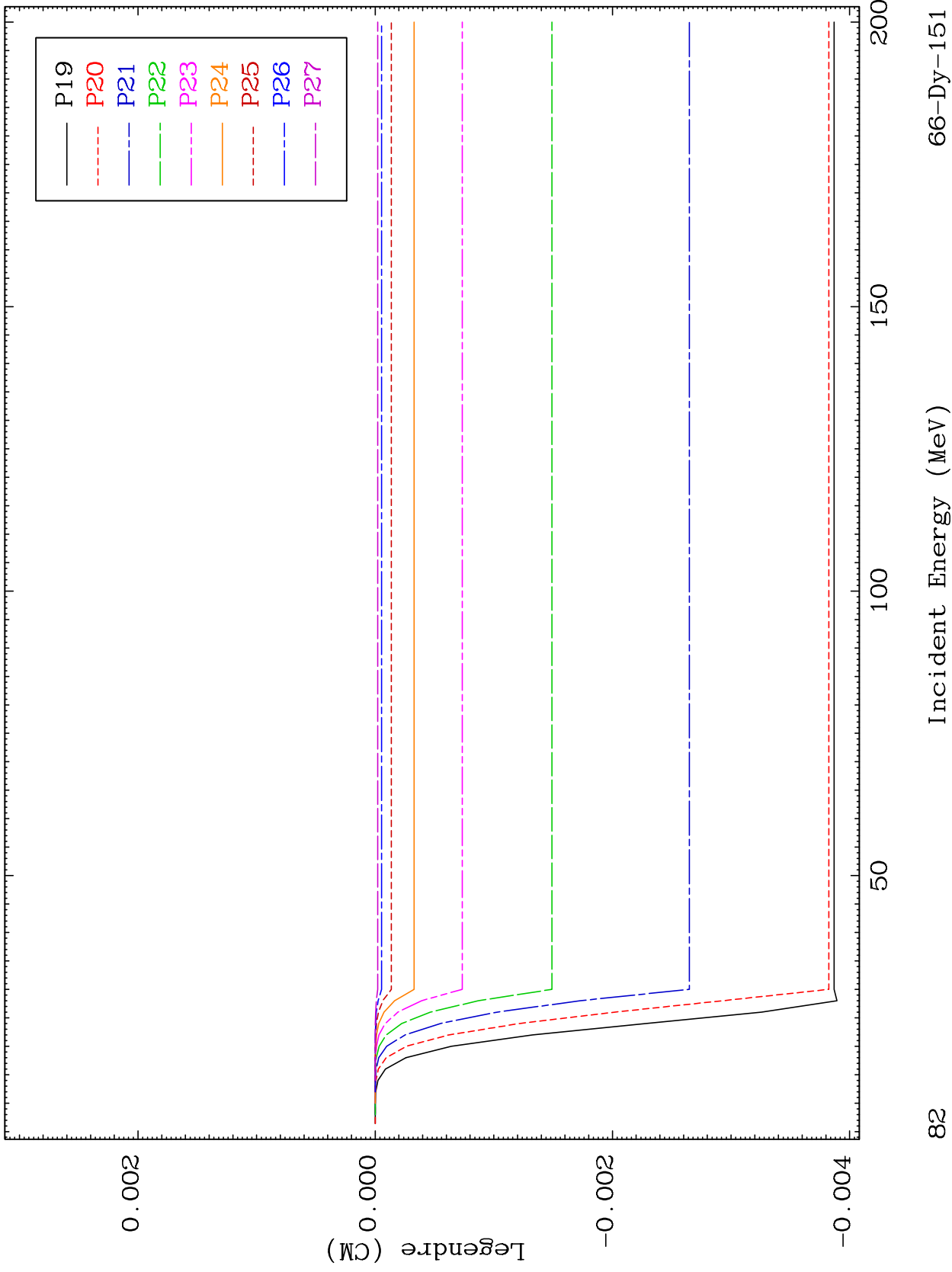




MAT 6610

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

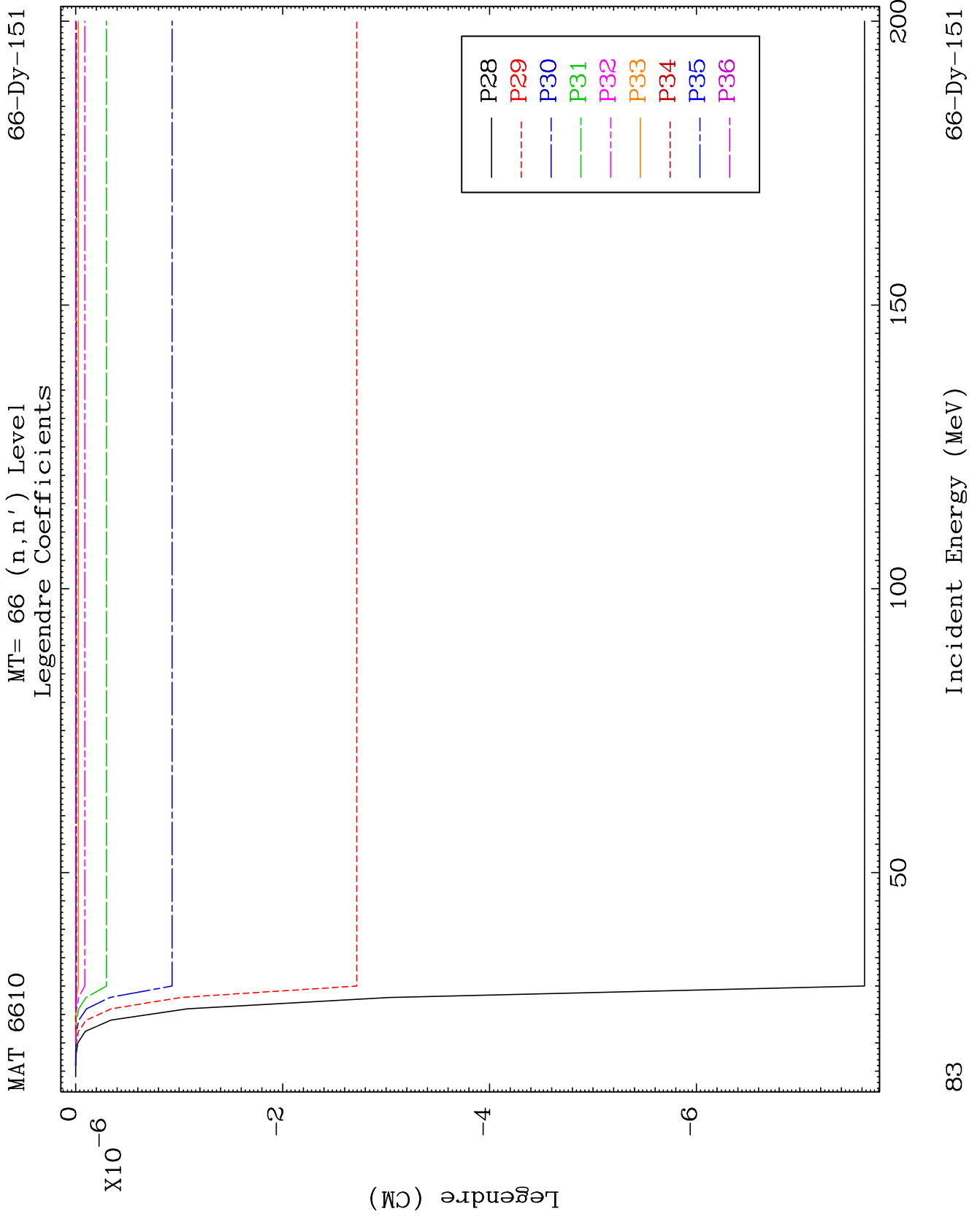
66-Dy-151



82

Incident Energy (MeV)

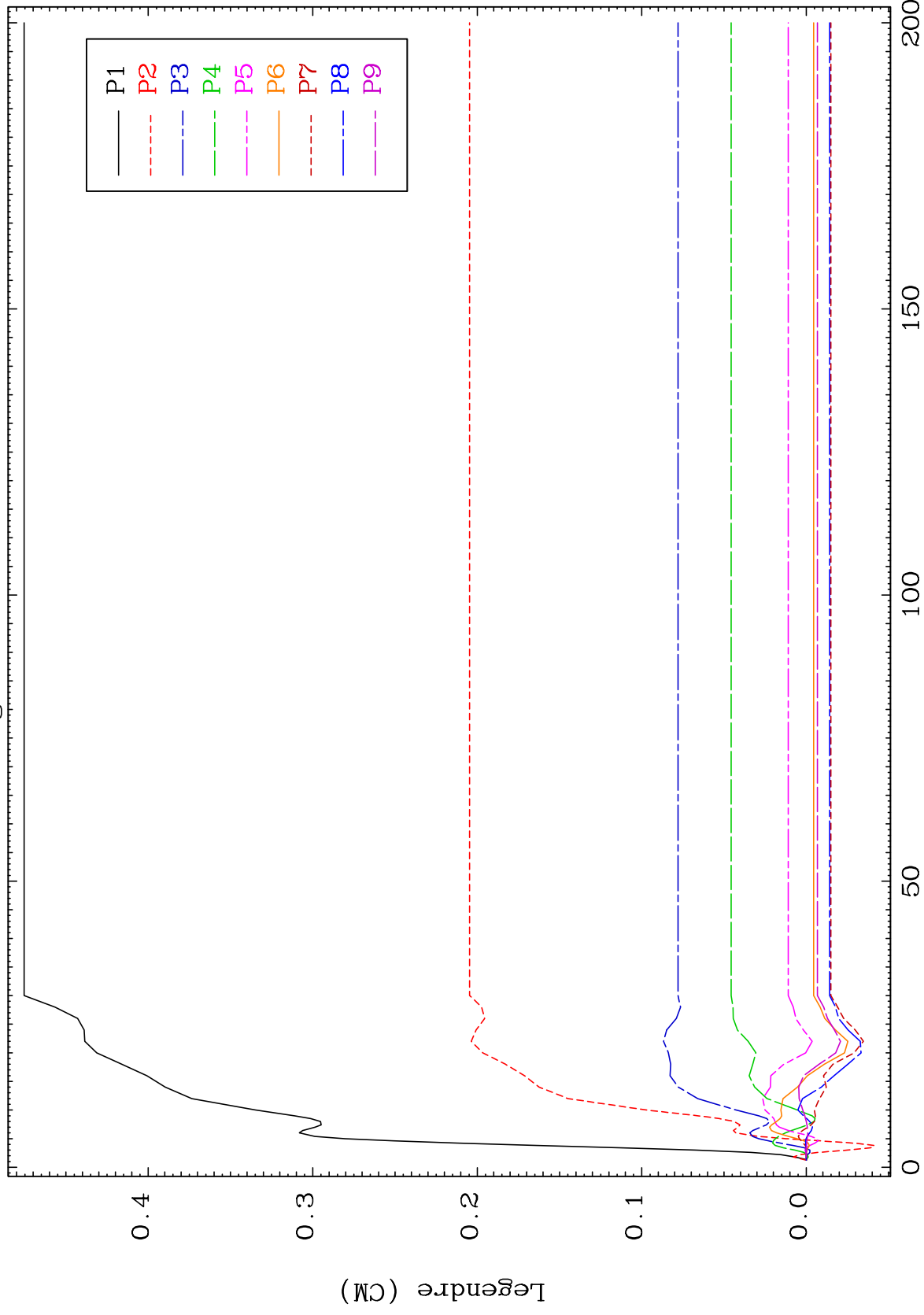
66-Dy-151



MAT 6610

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

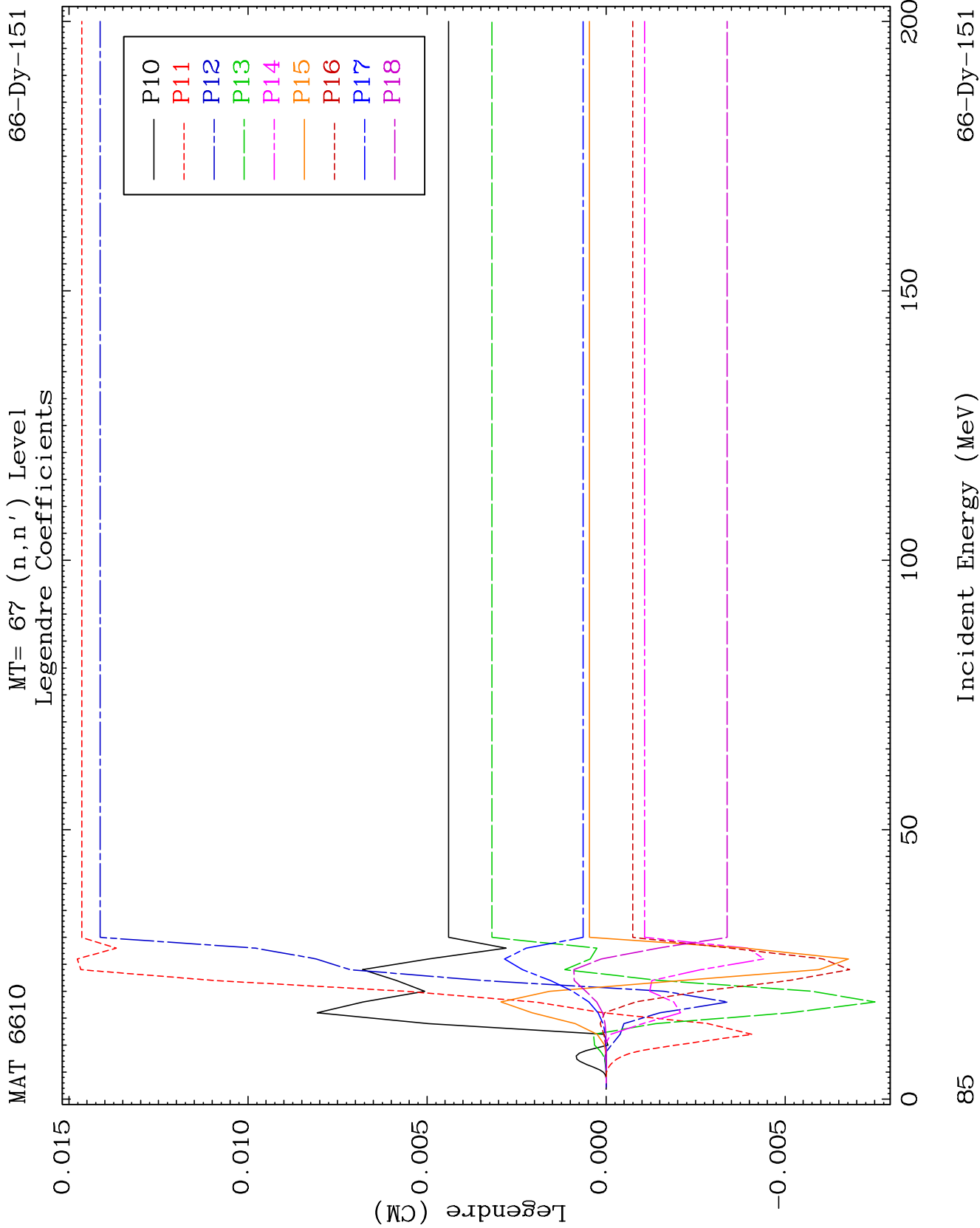
66-Dy-151



84

Incident Energy (MeV)

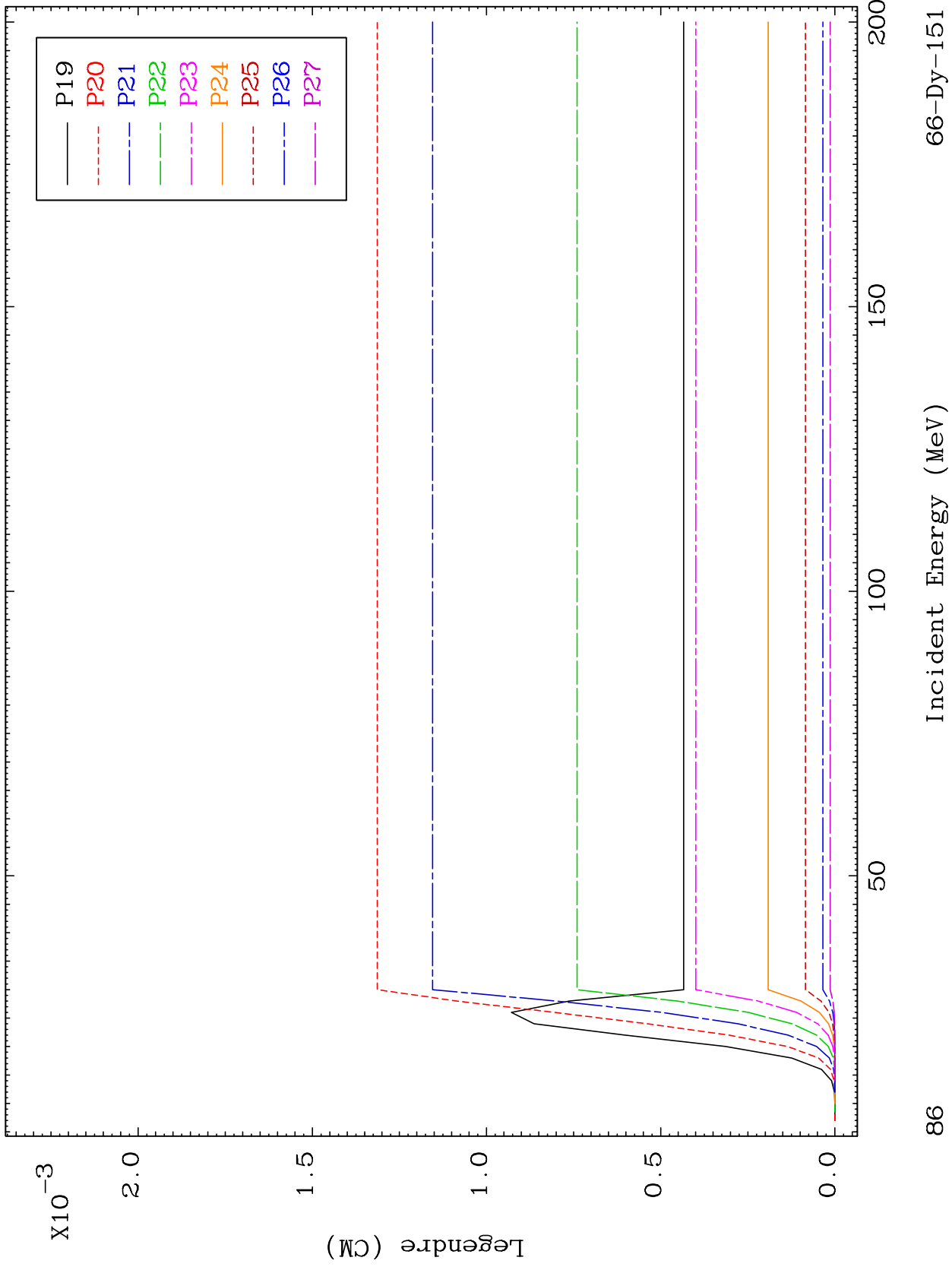
66-Dy-151



MAT 6610

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

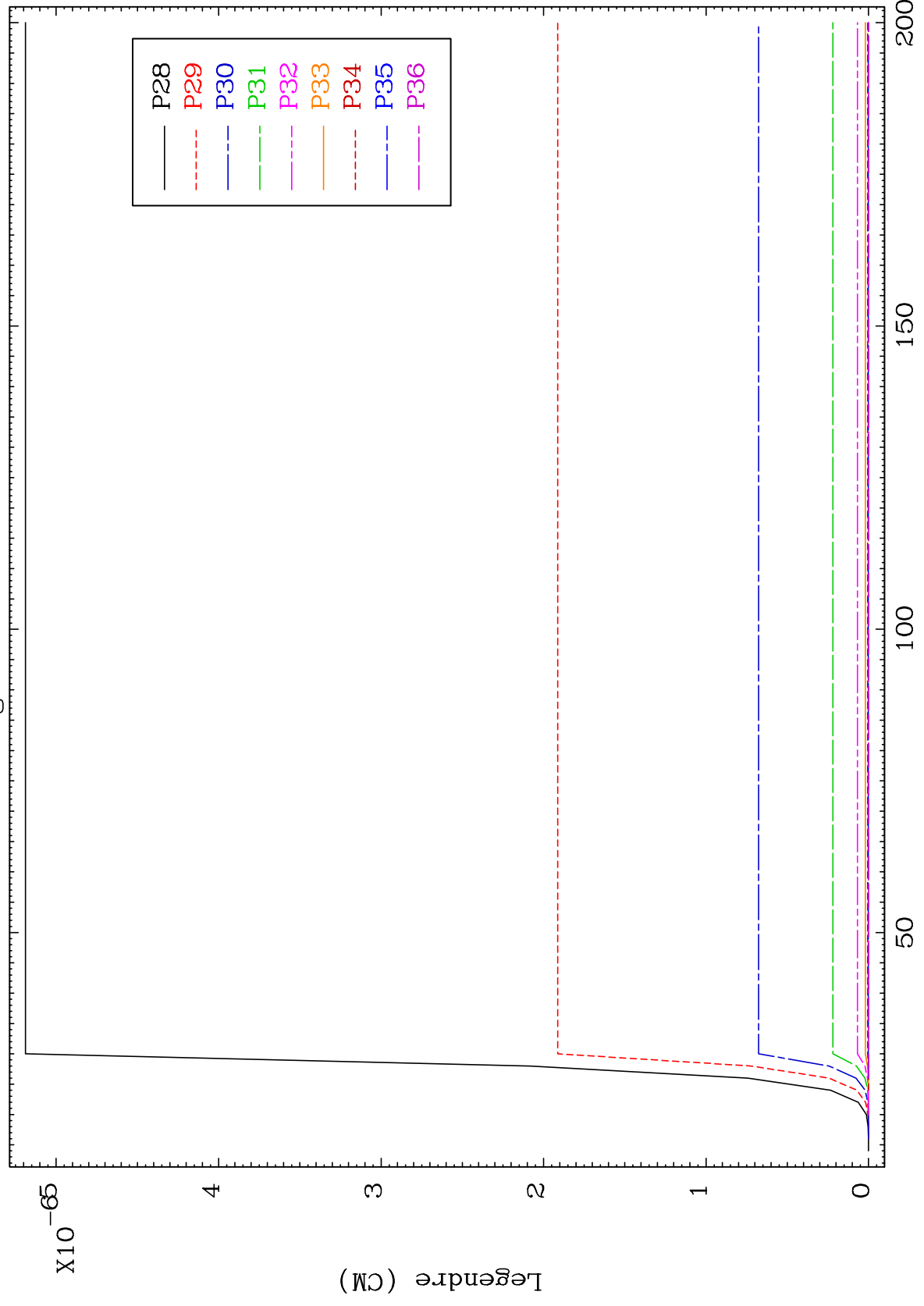
66-Dy-151



MAT 6610

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

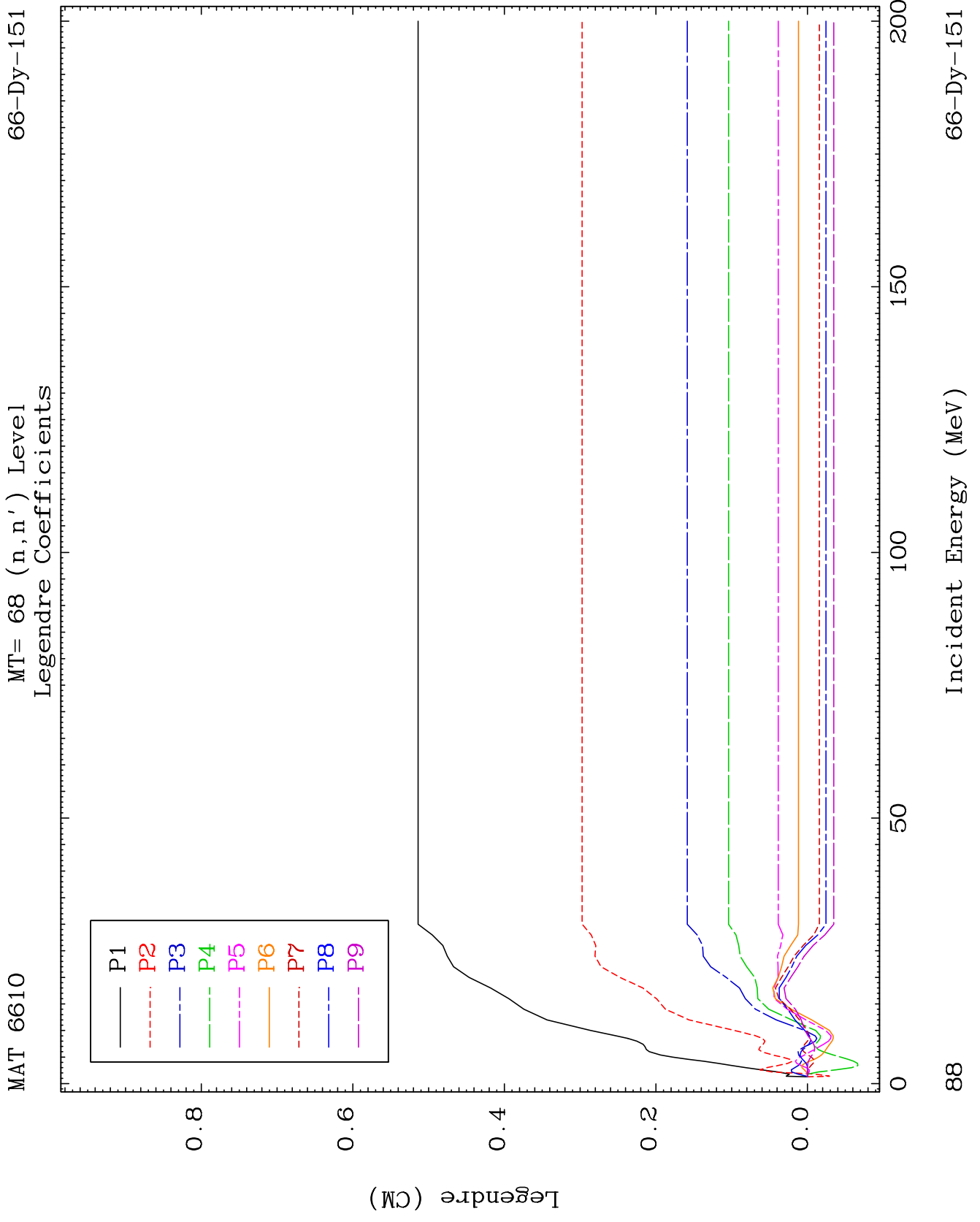
66-Dy-151

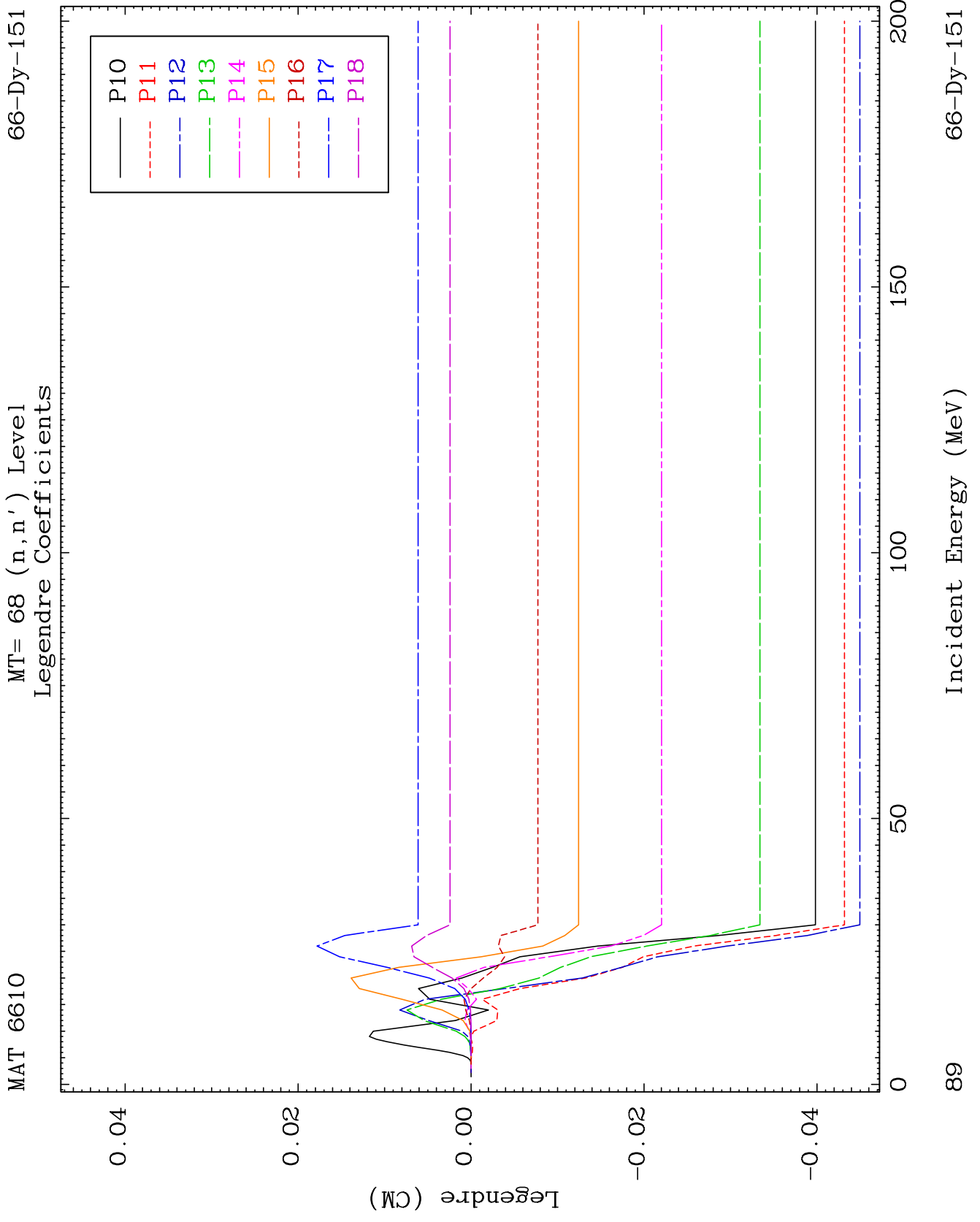


87

Incident Energy (MeV)

66-Dy-151

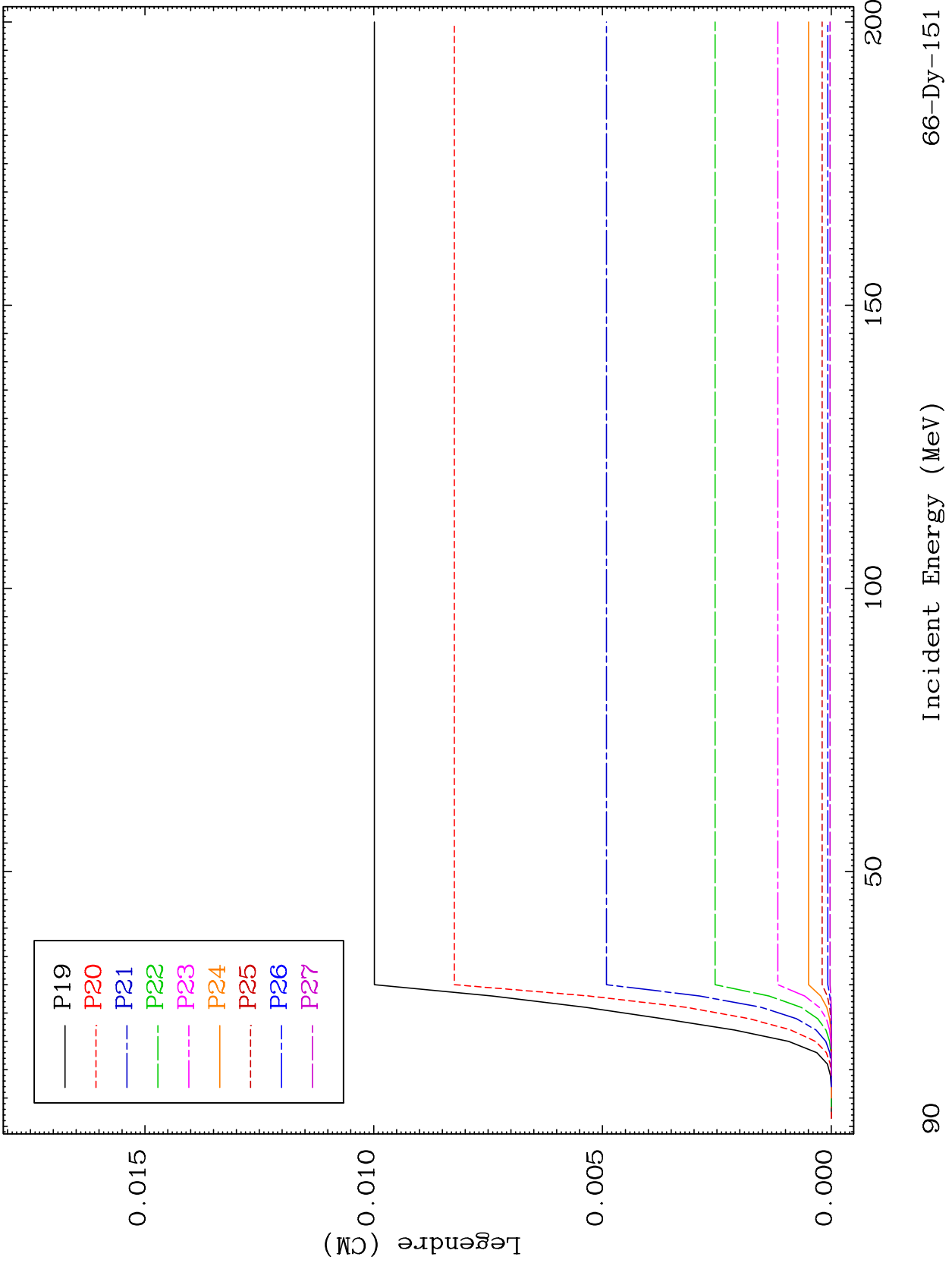




MAT 6610

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

66-Dy-151



90

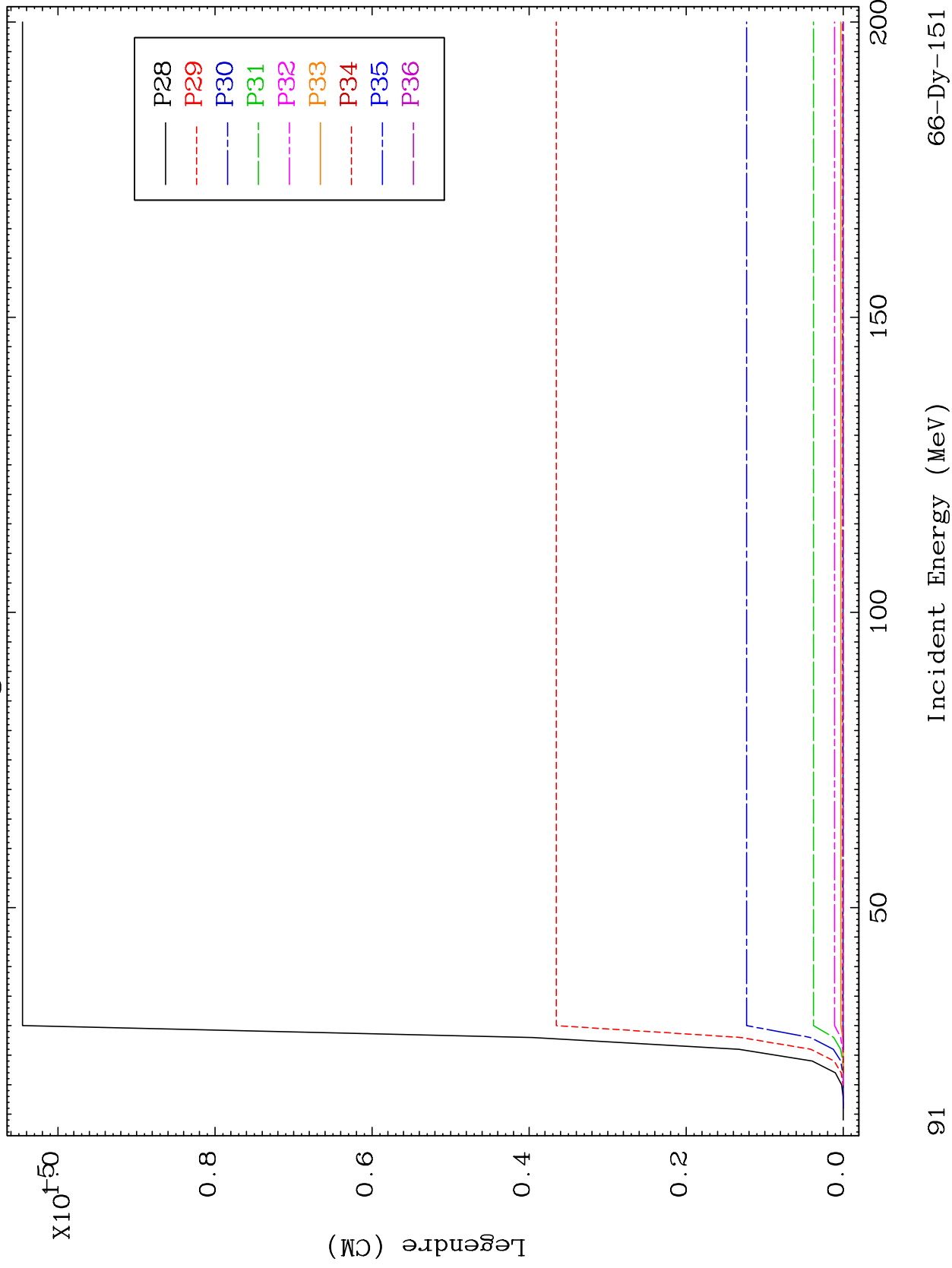
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

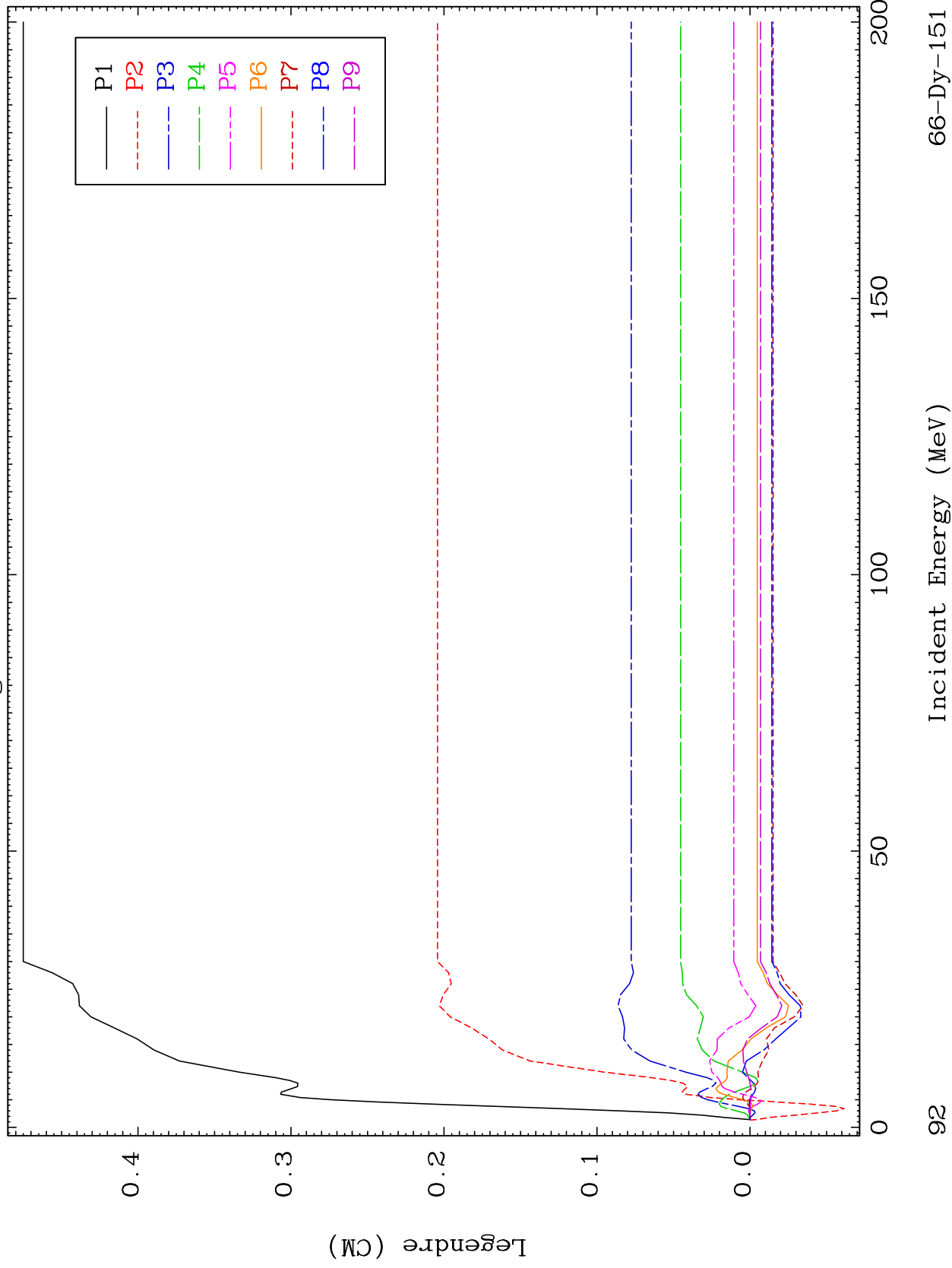
66-Dy-151



MAT 6610

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

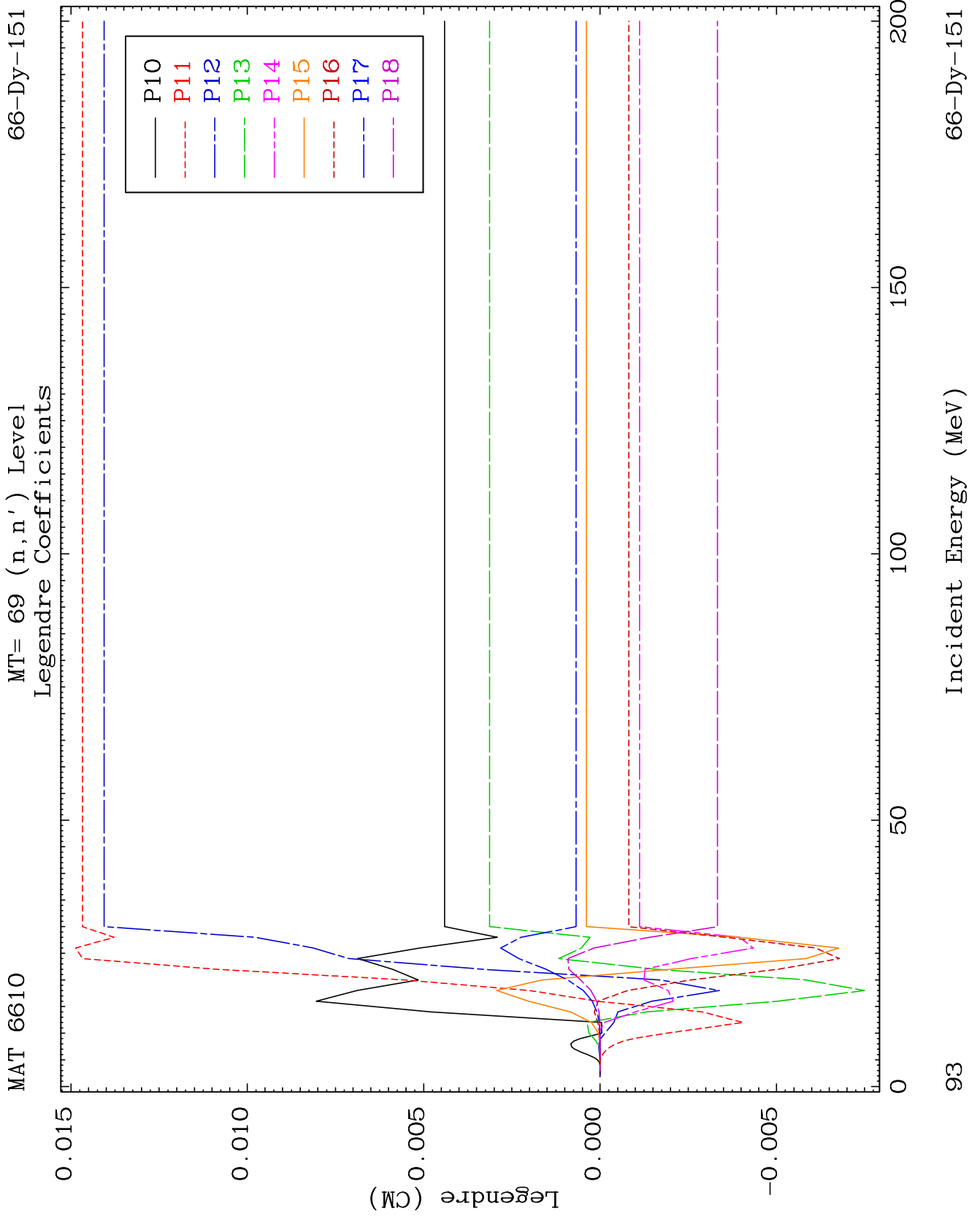
66-Dy-151

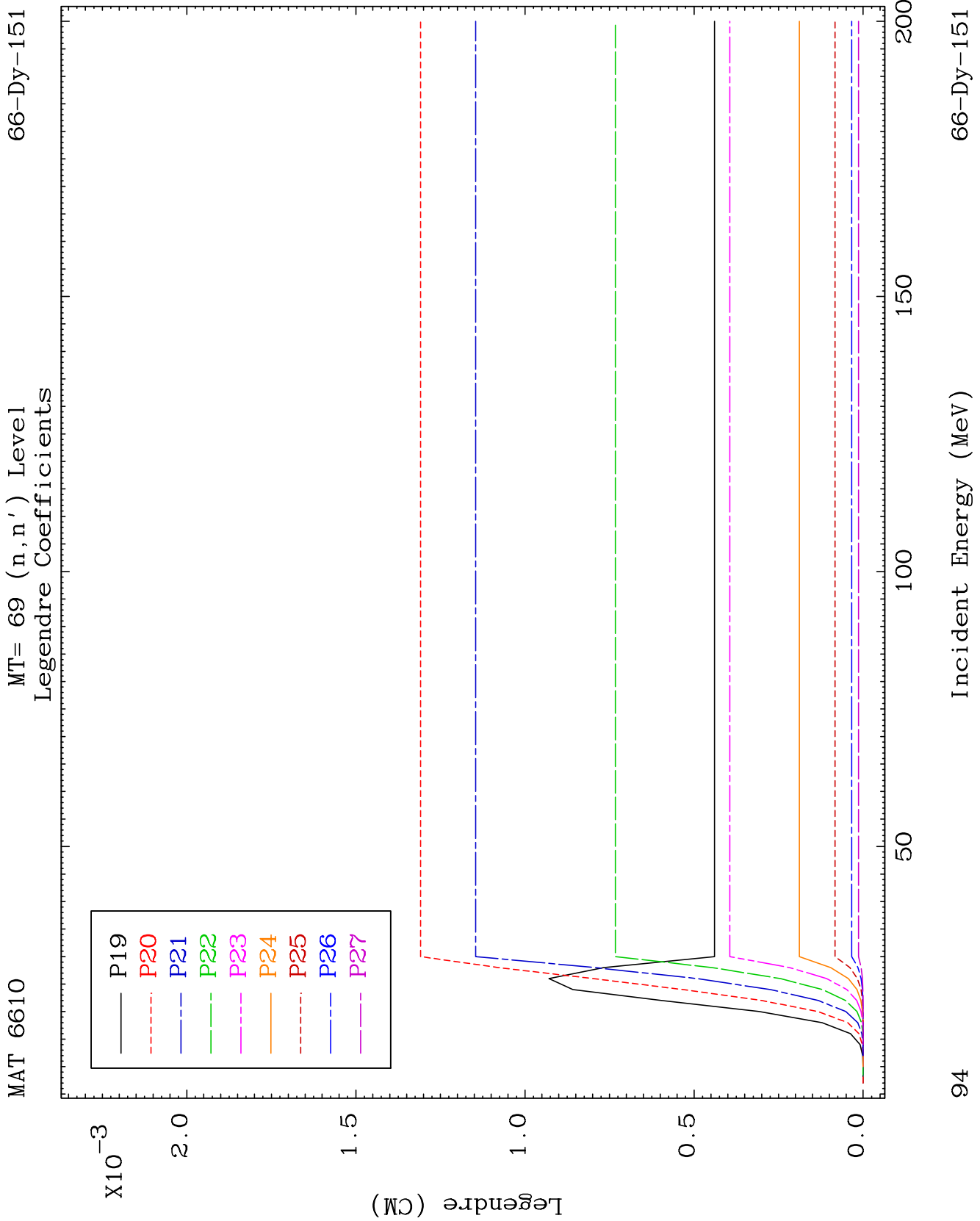


66-Dy-151

Incident Energy (MeV)

92

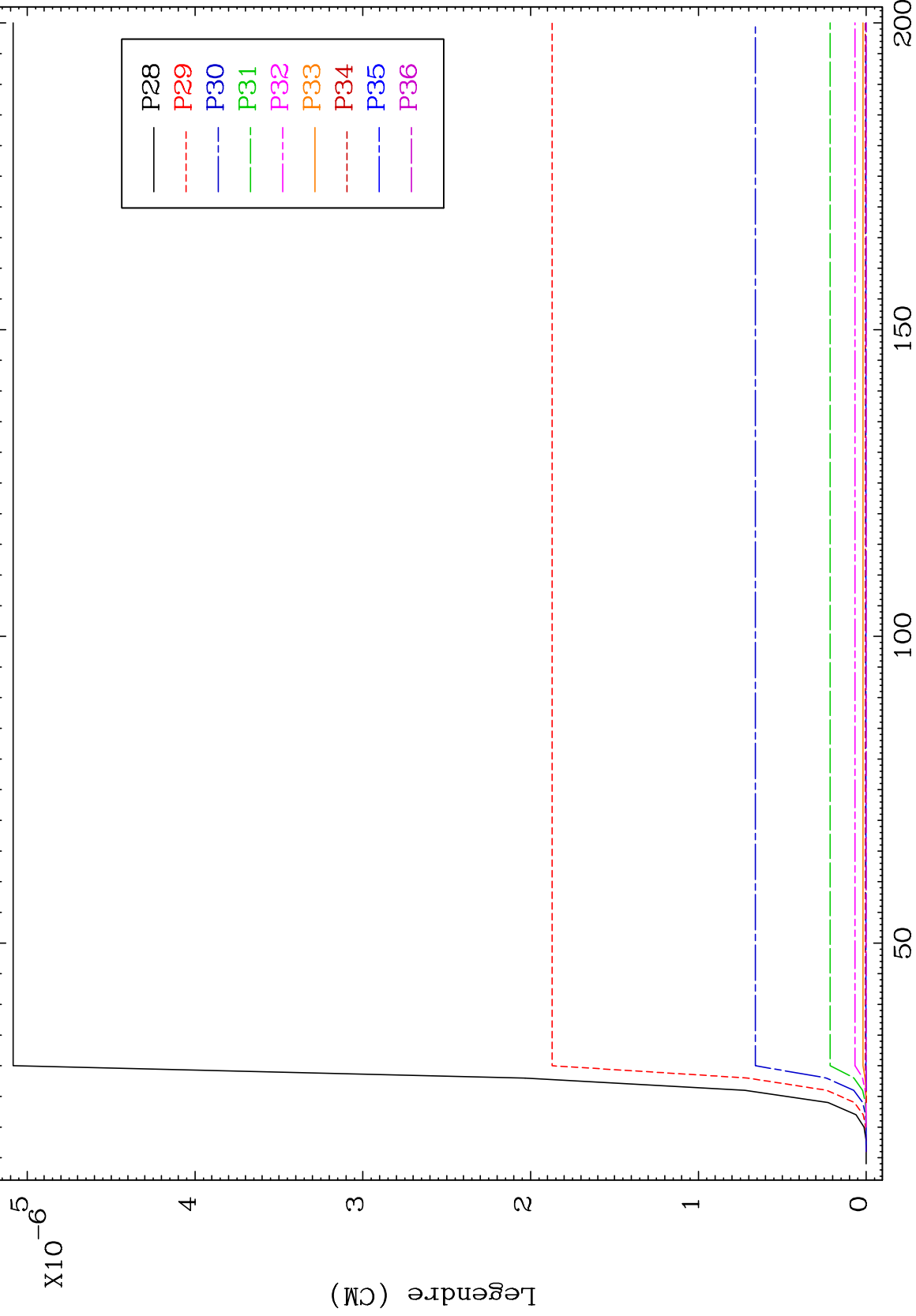




MAT 6610

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

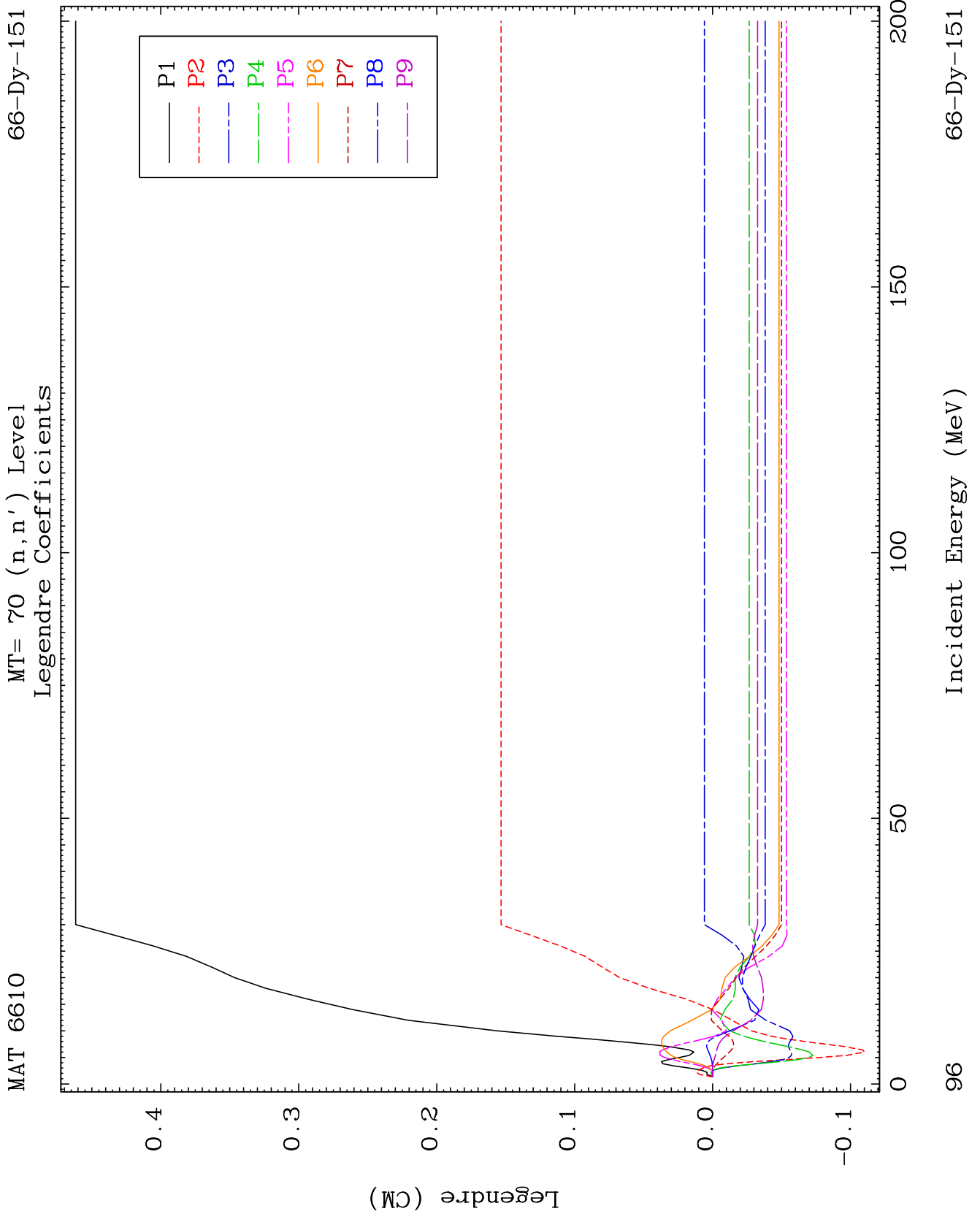
66-Dy-151

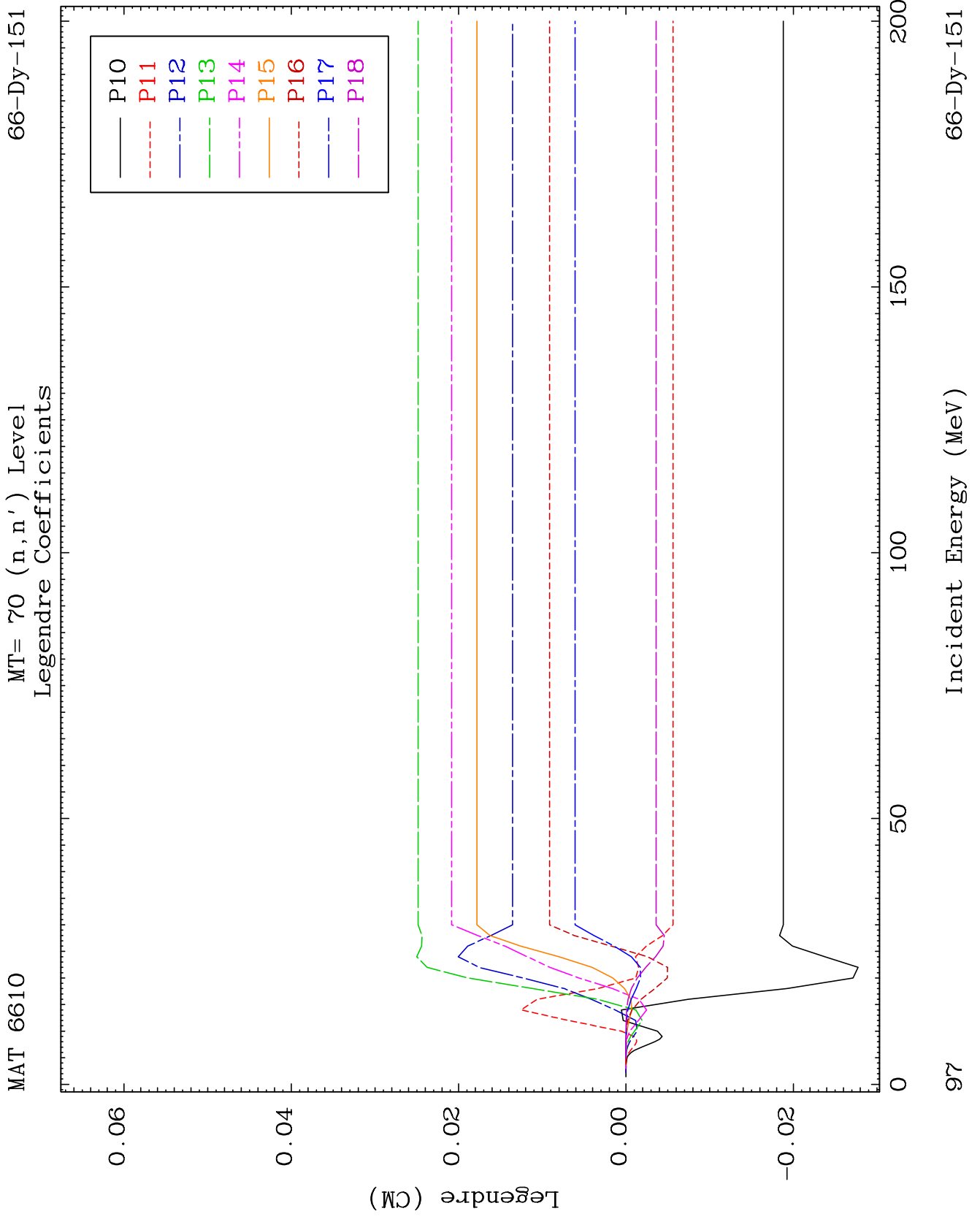


95

Incident Energy (MeV)

66-Dy-151

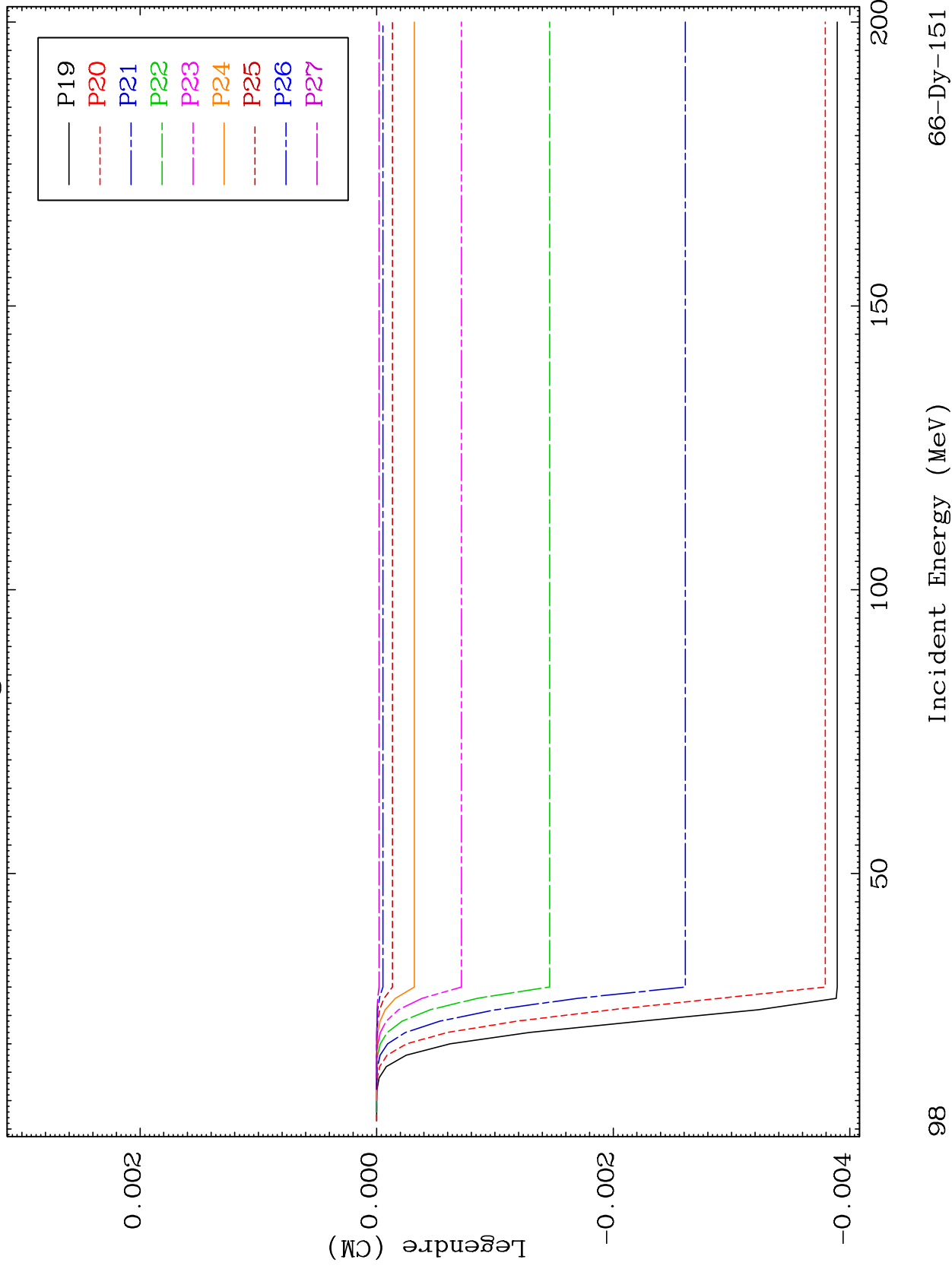




MAT 6610

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

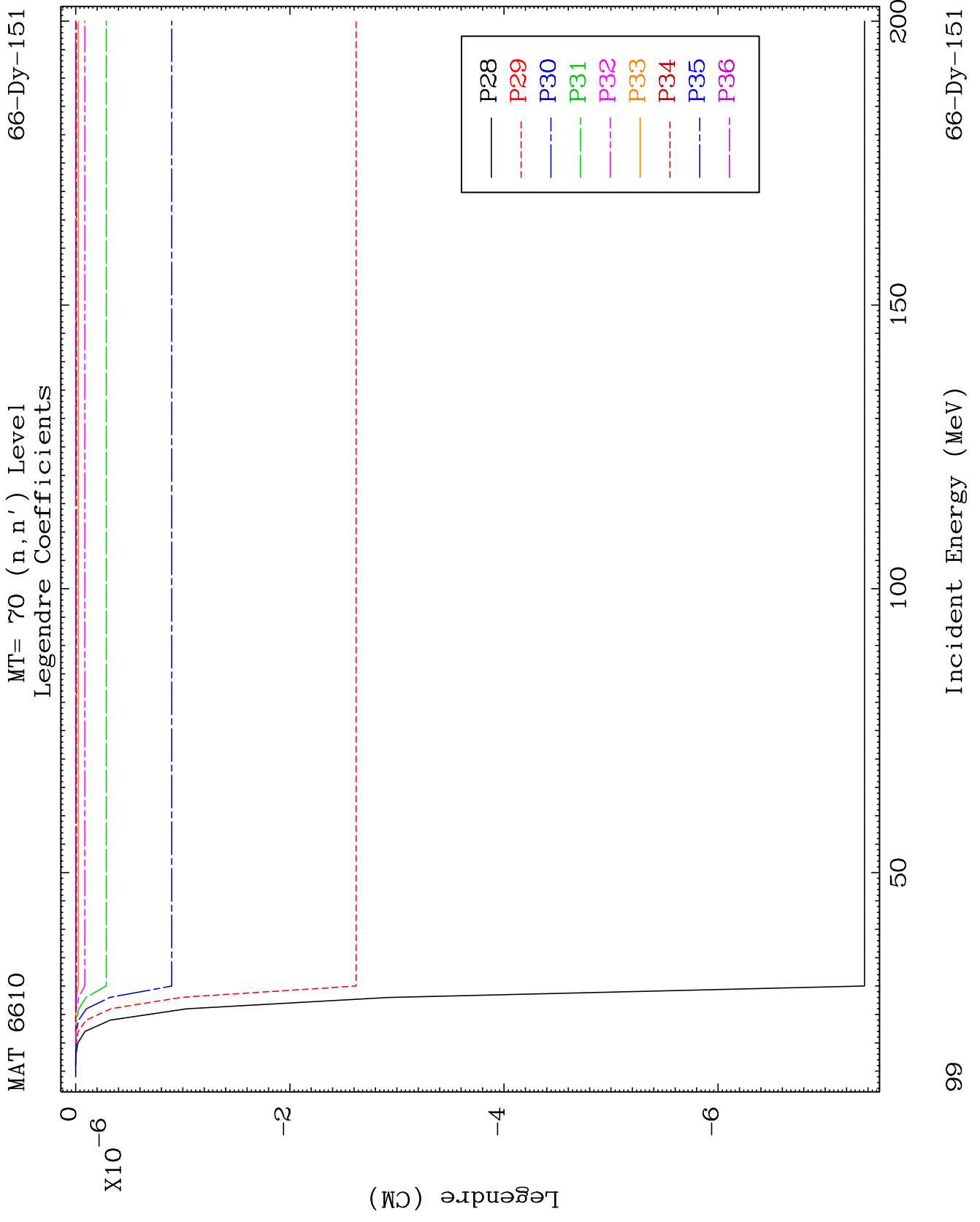
66-Dy-151

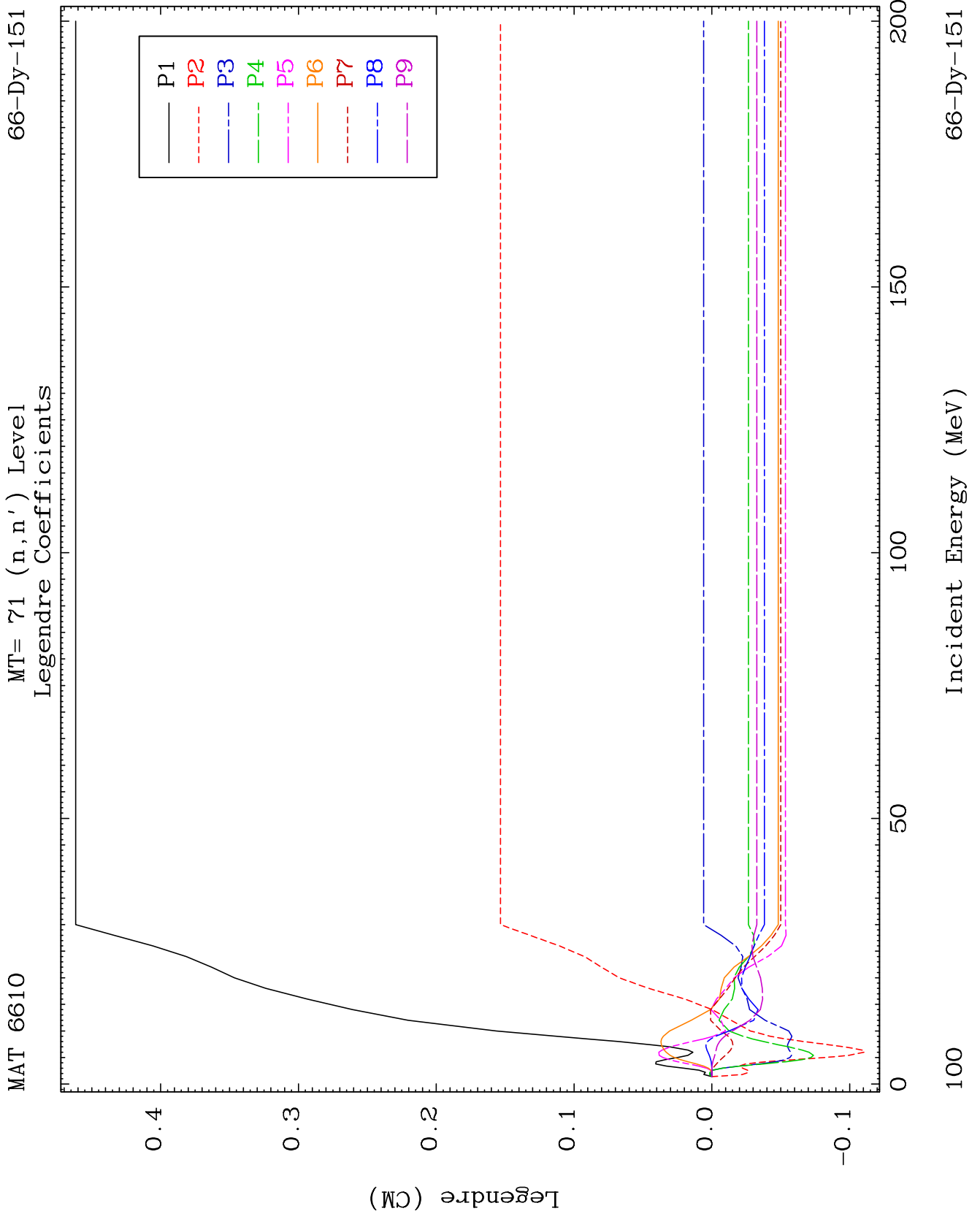


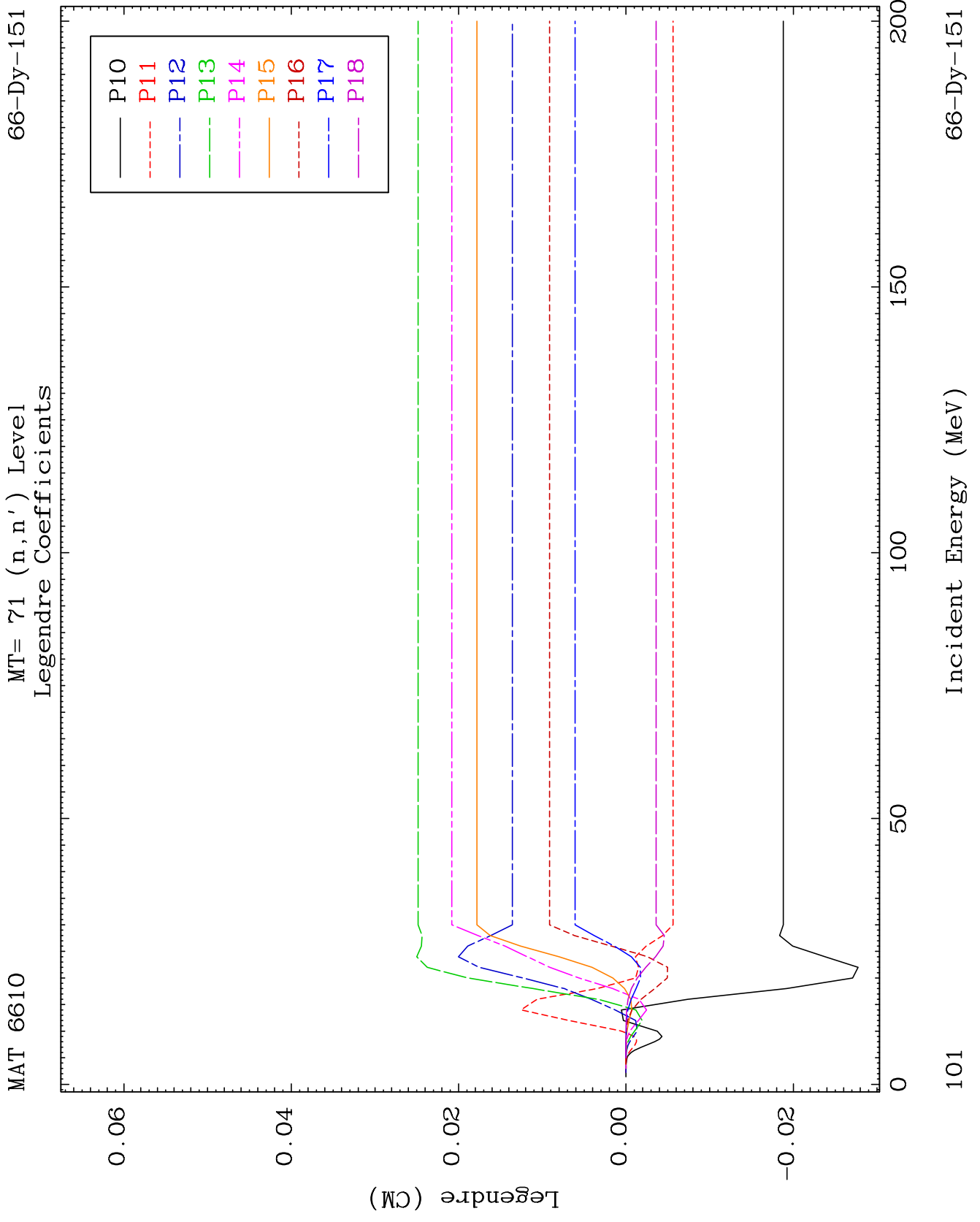
98

Incident Energy (MeV)

66-Dy-151



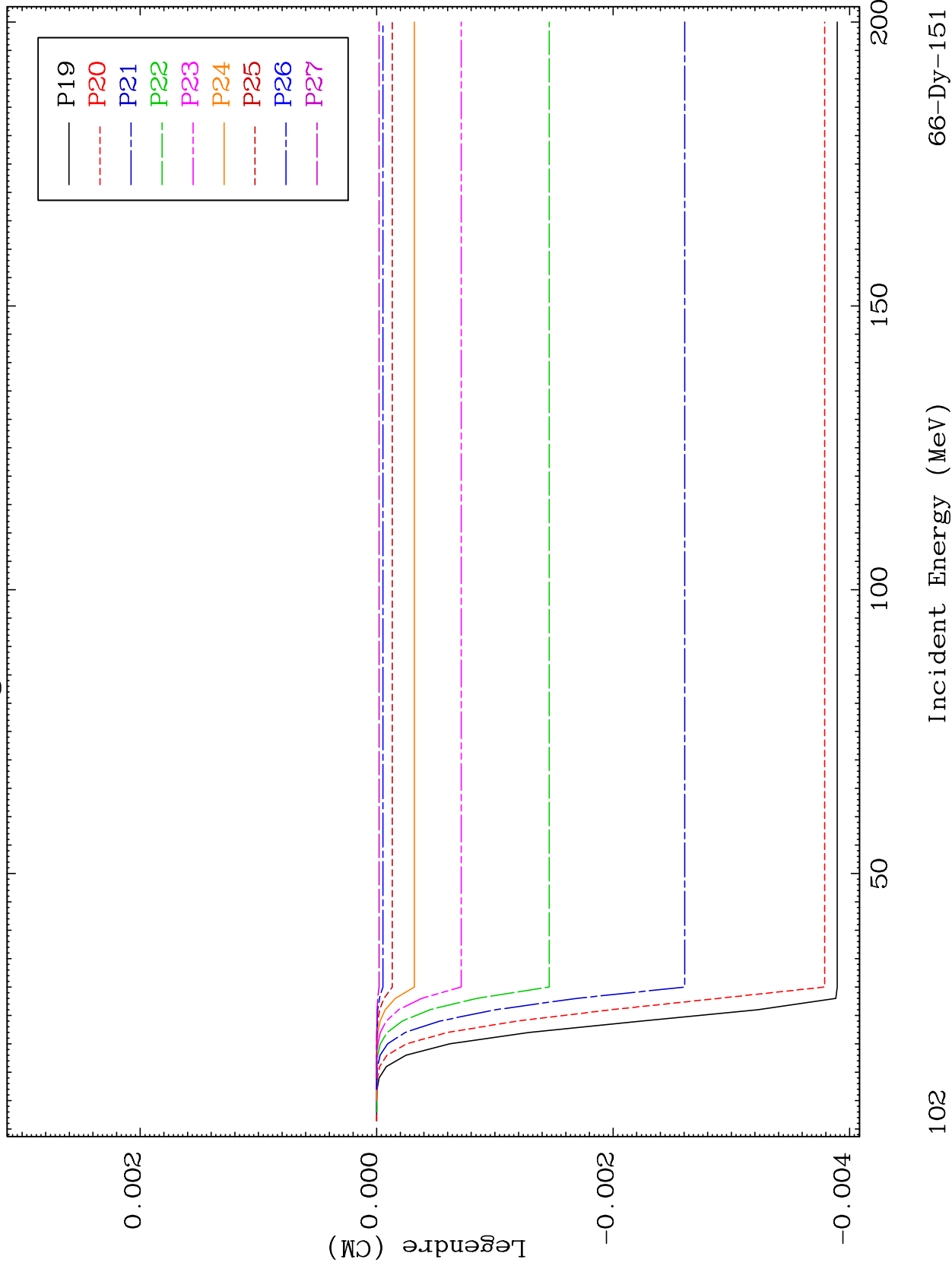




MAT 6610

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

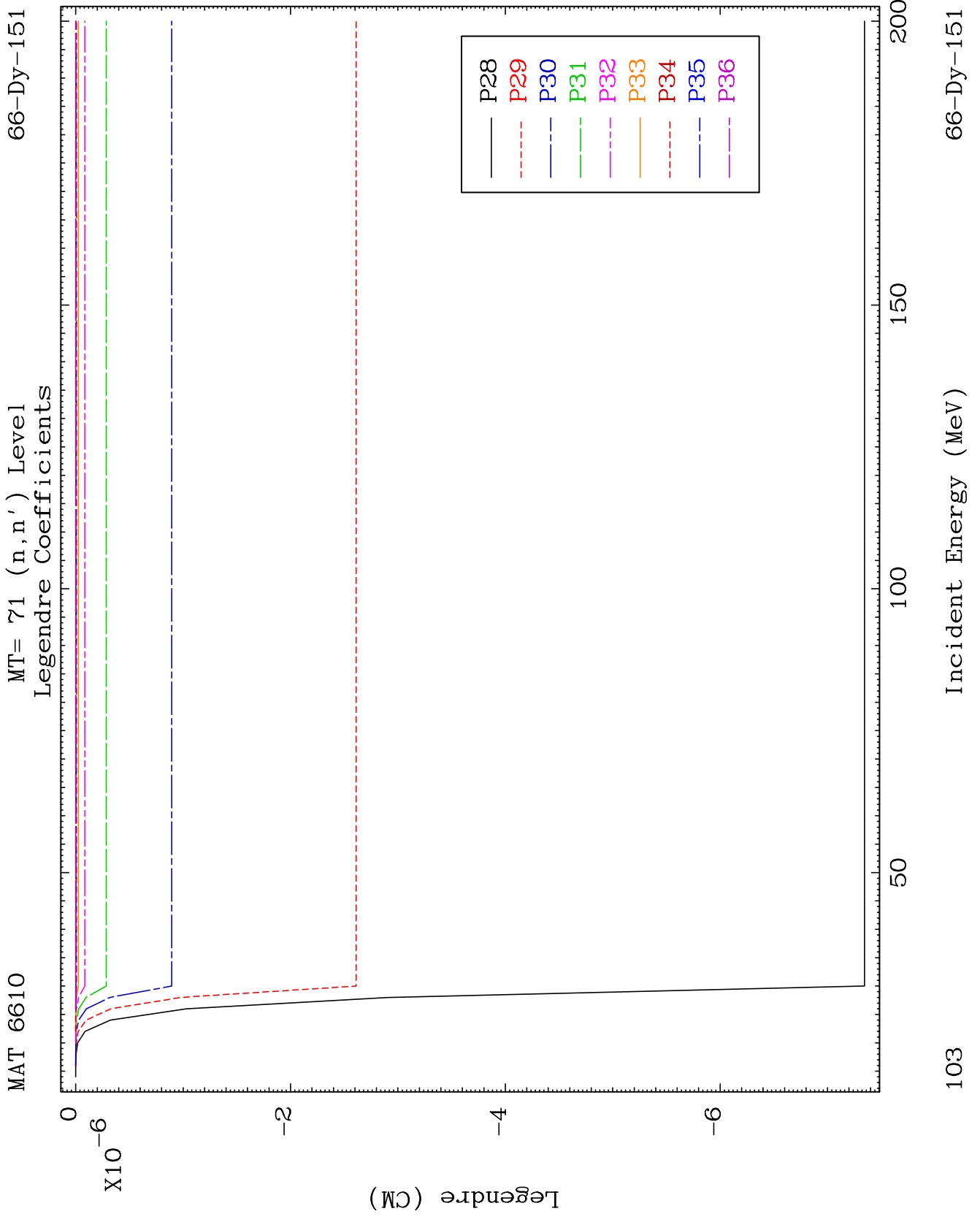
66-Dy-151



102

Incident Energy (MeV)

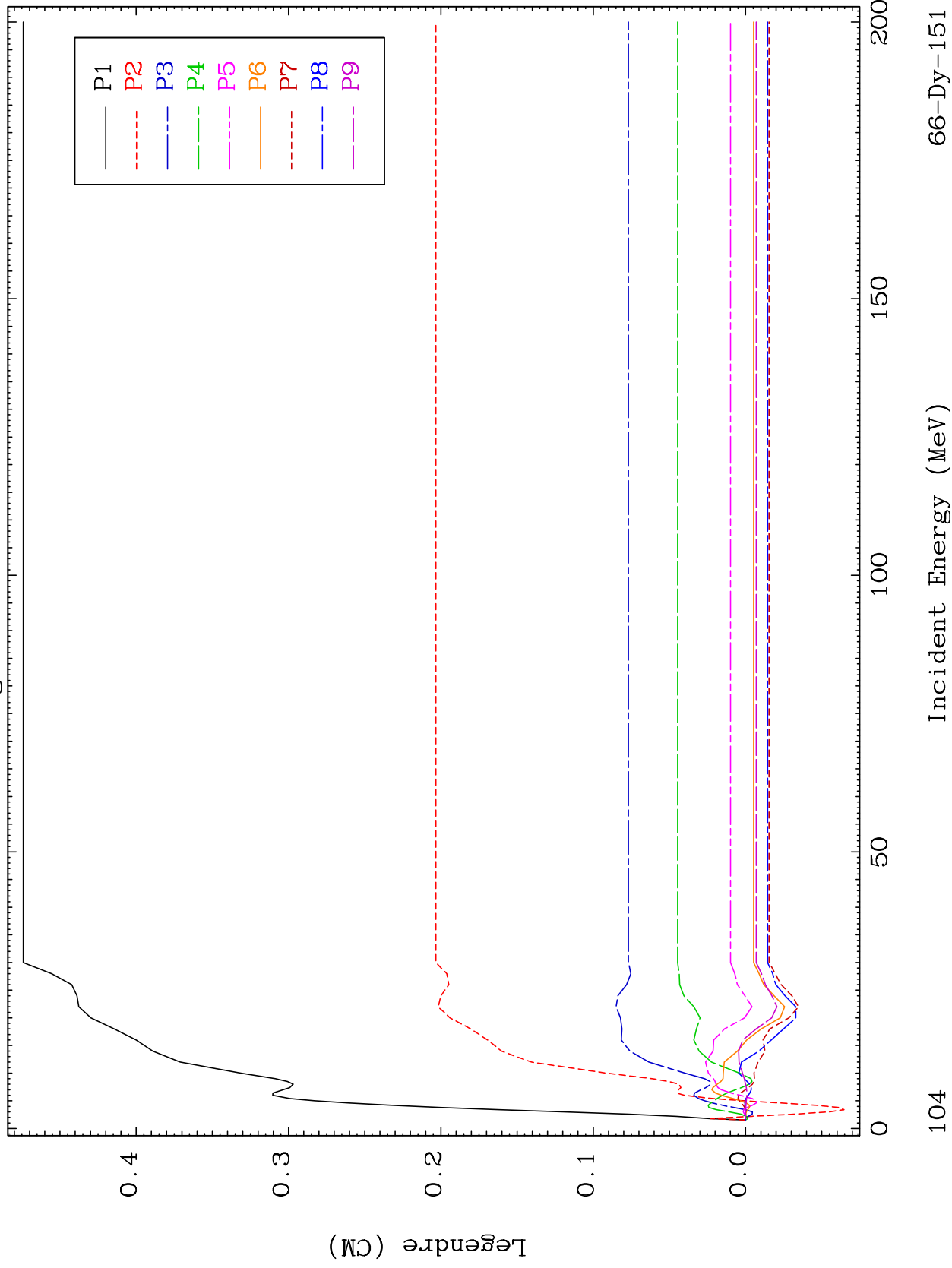
66-Dy-151

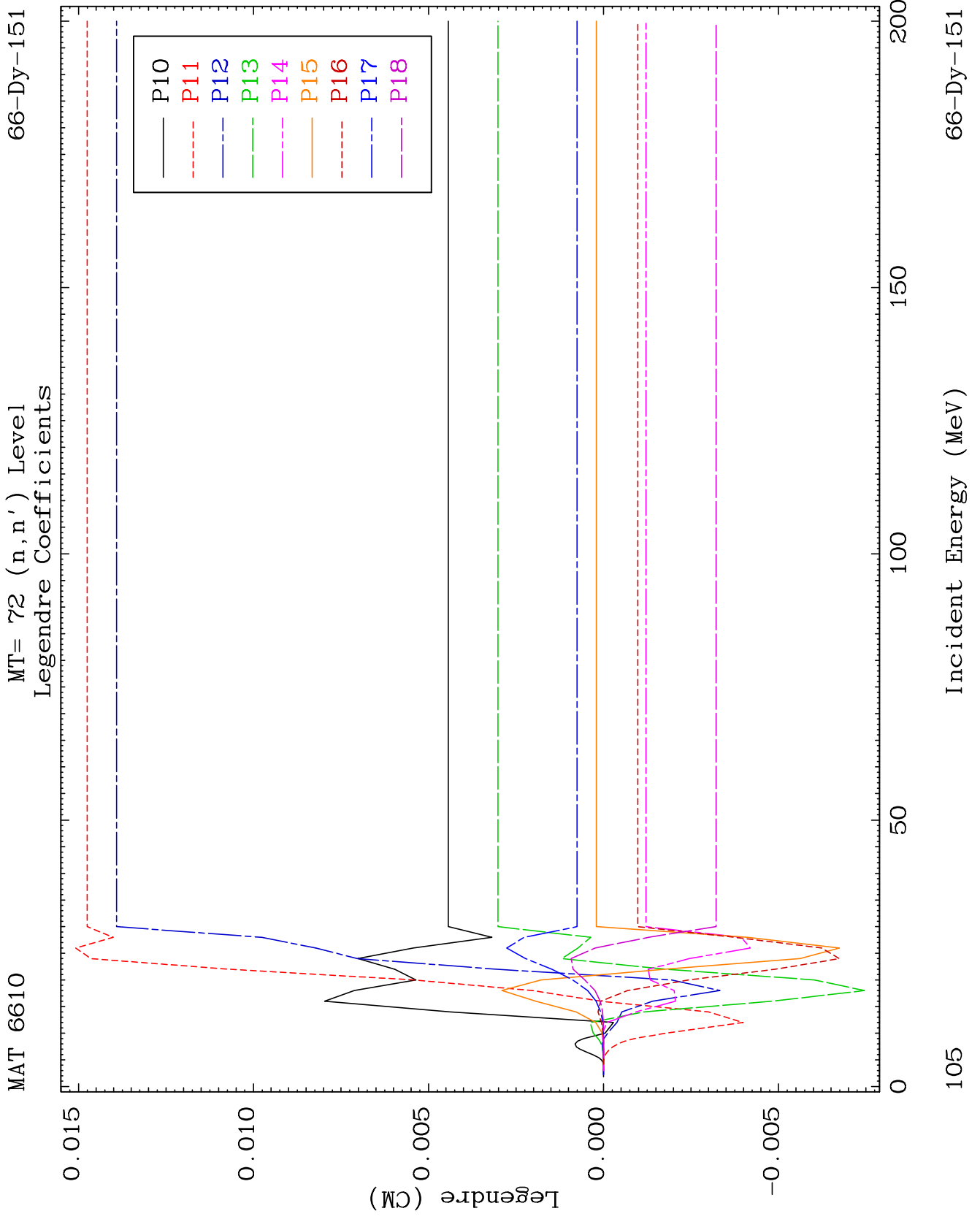


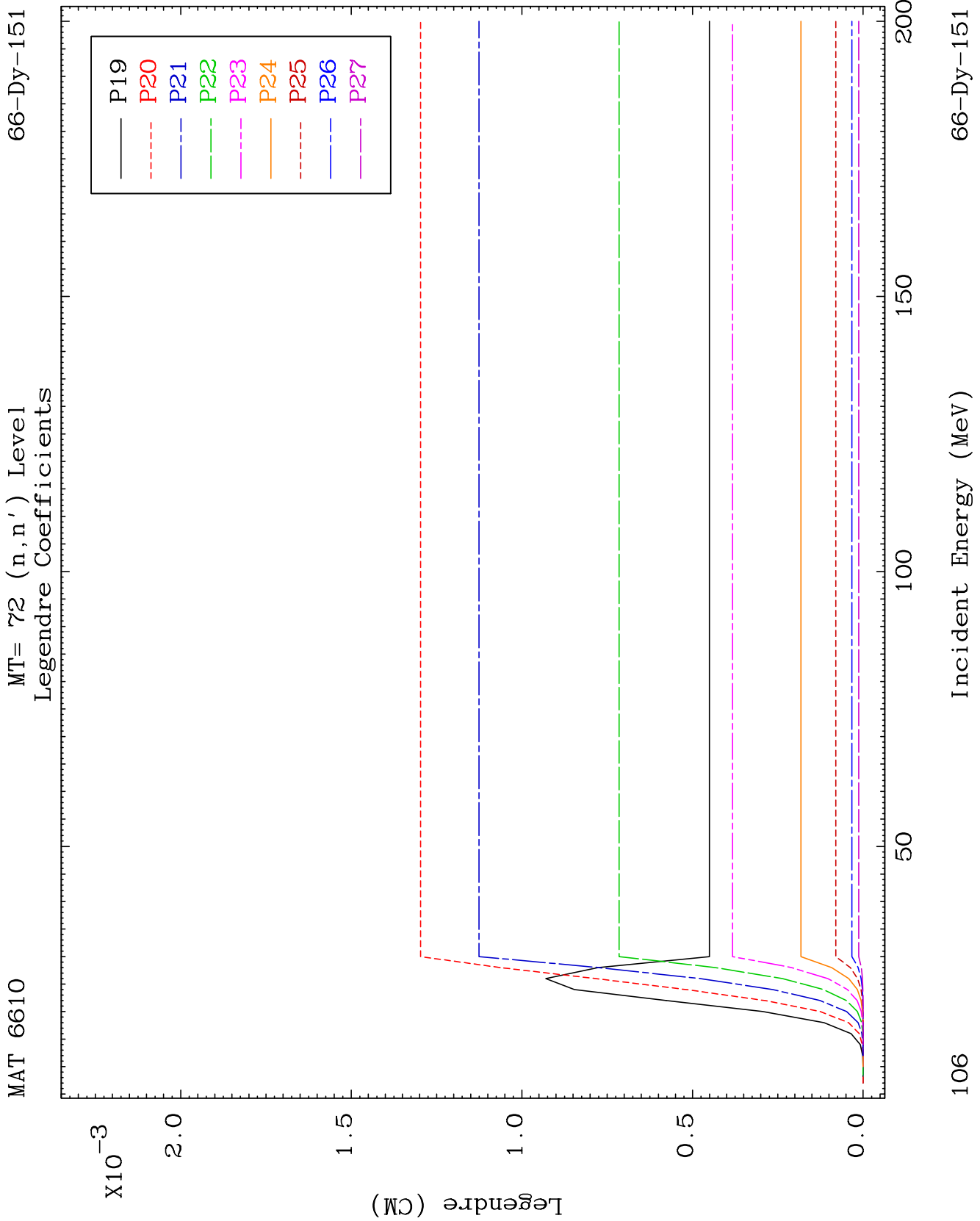
MAT 6610

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

66-Dy-151



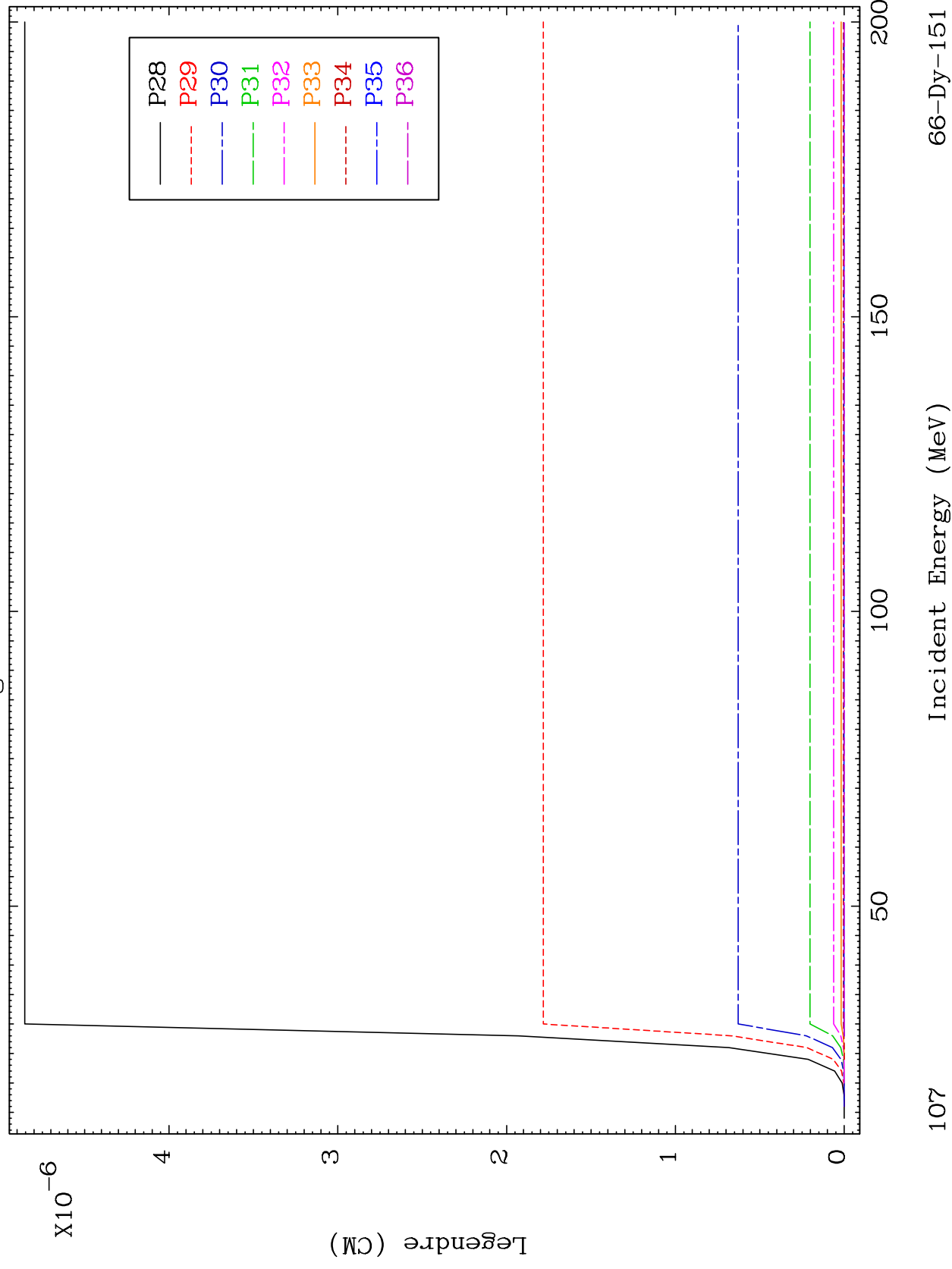




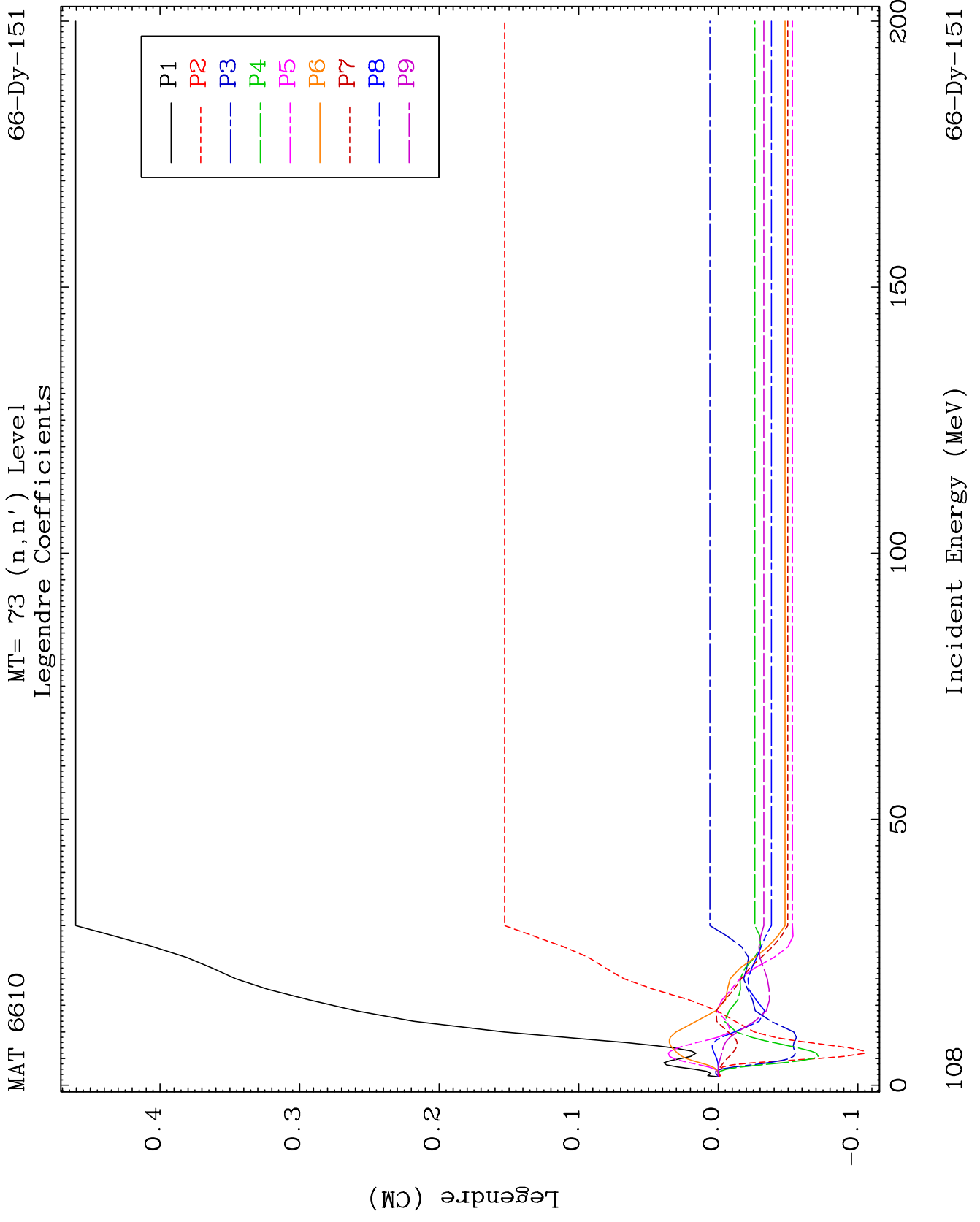
MAT 6610

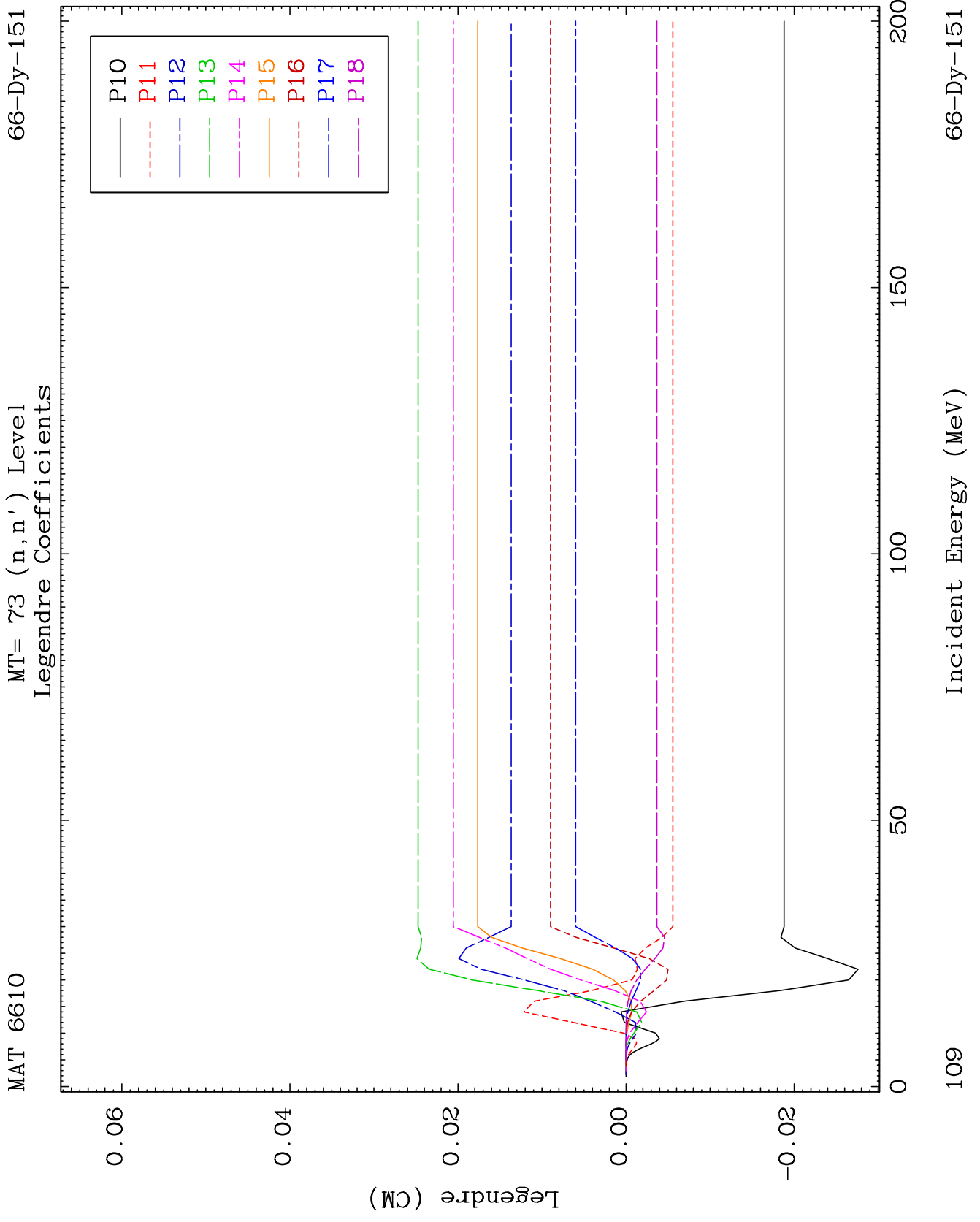
MT= 72 (n,n') Level
Legendre Coefficients

66-Dy-151



107

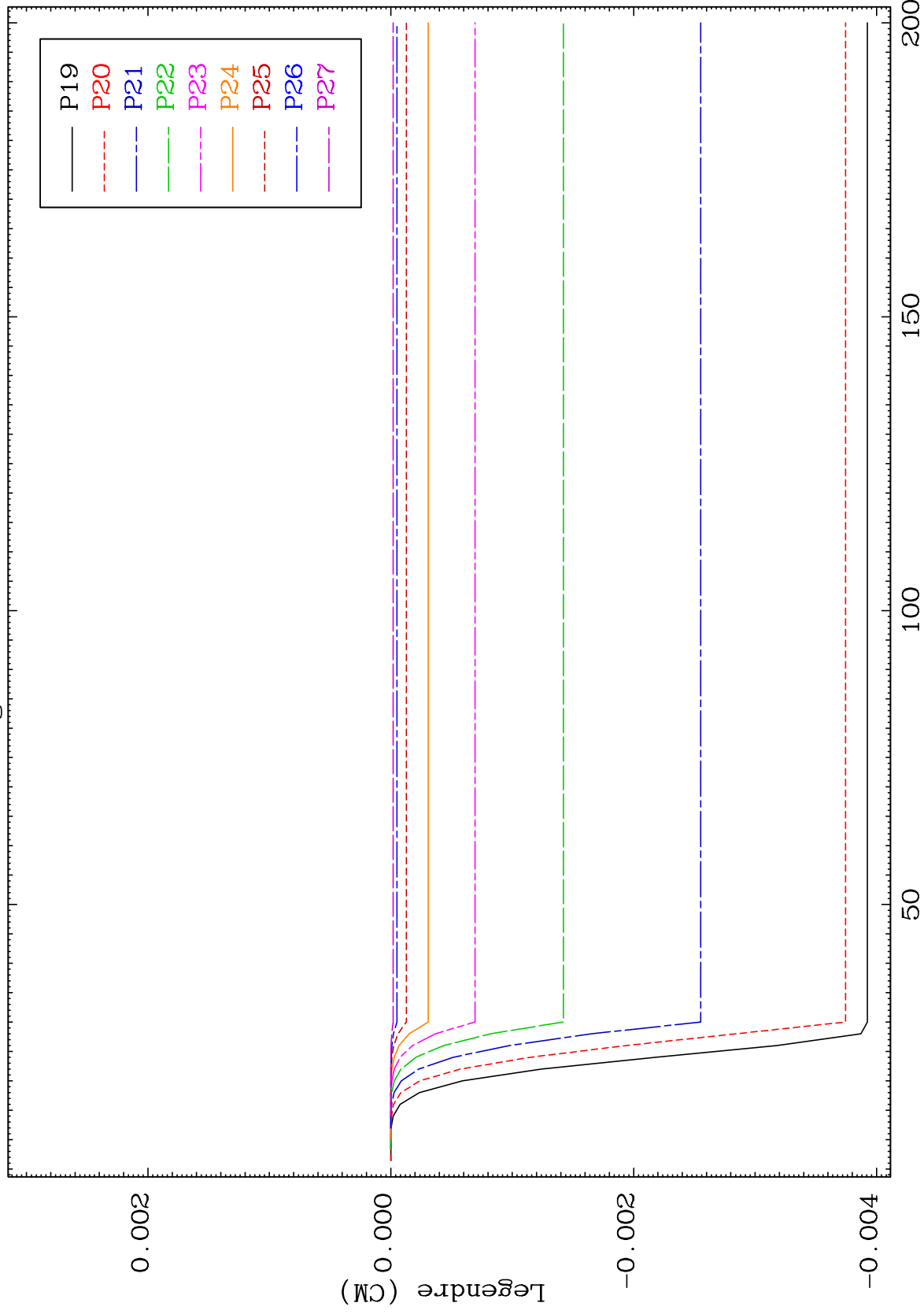




MAT 6610

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

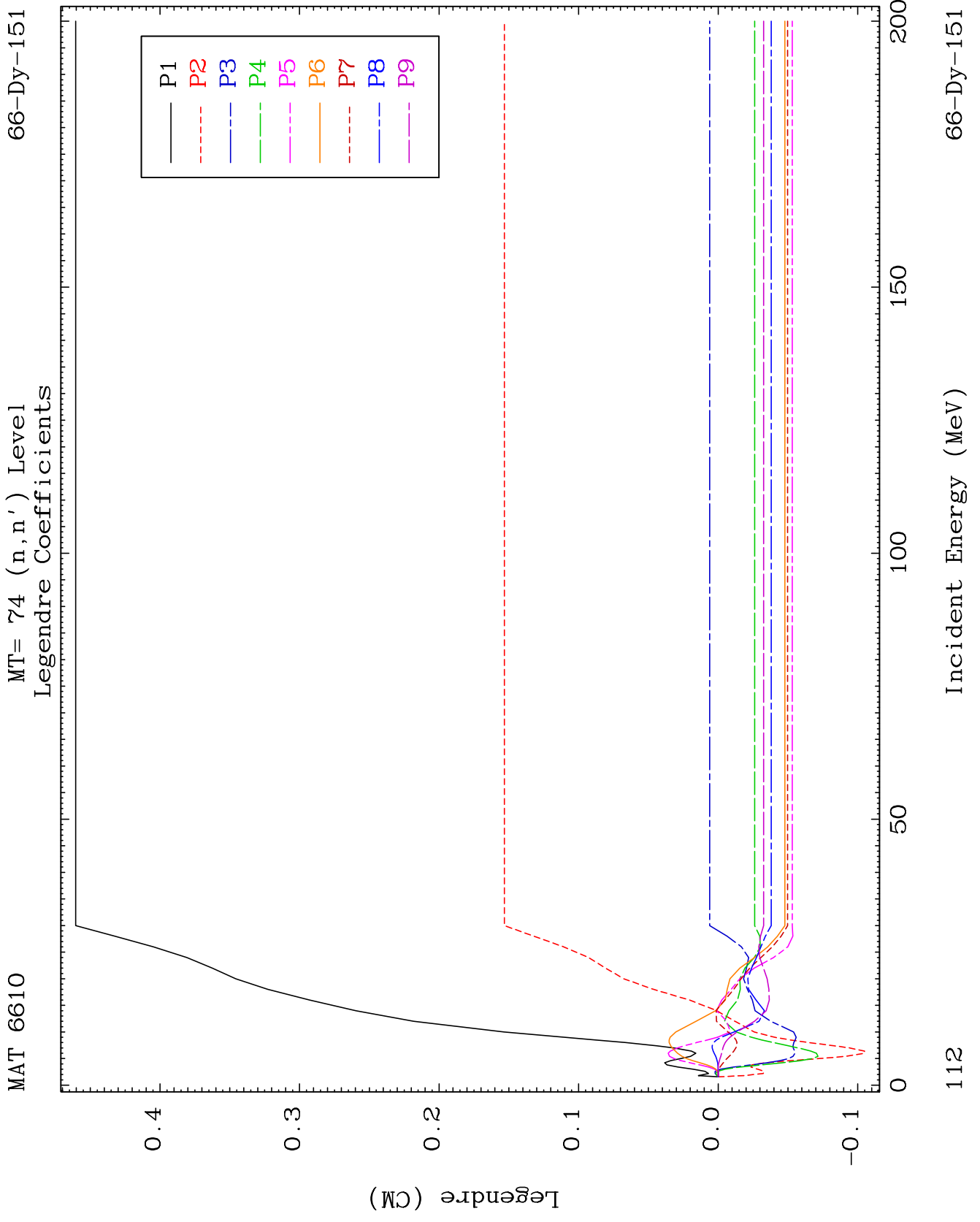
66-Dy-151

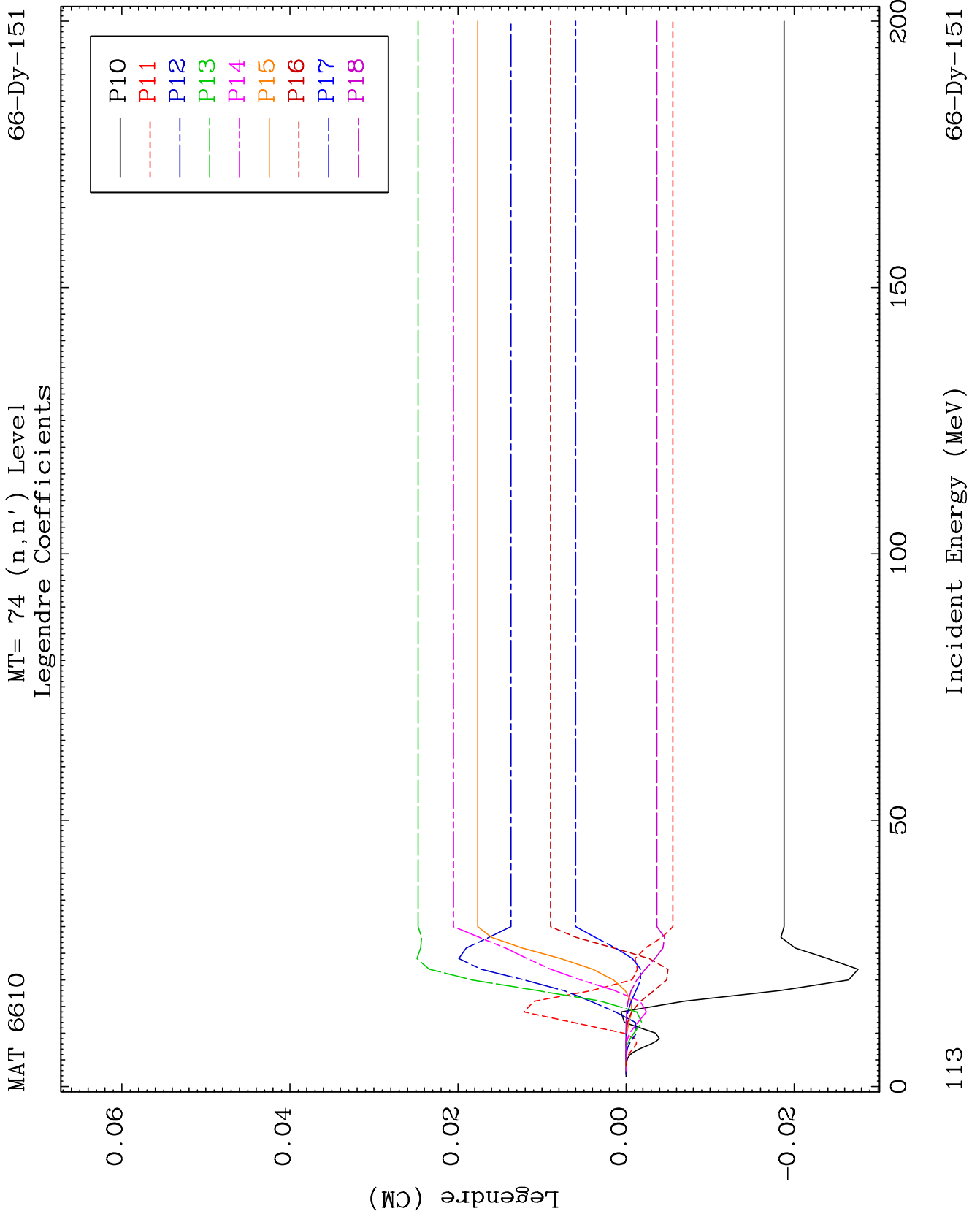


110

Incident Energy (MeV)

66-Dy-151

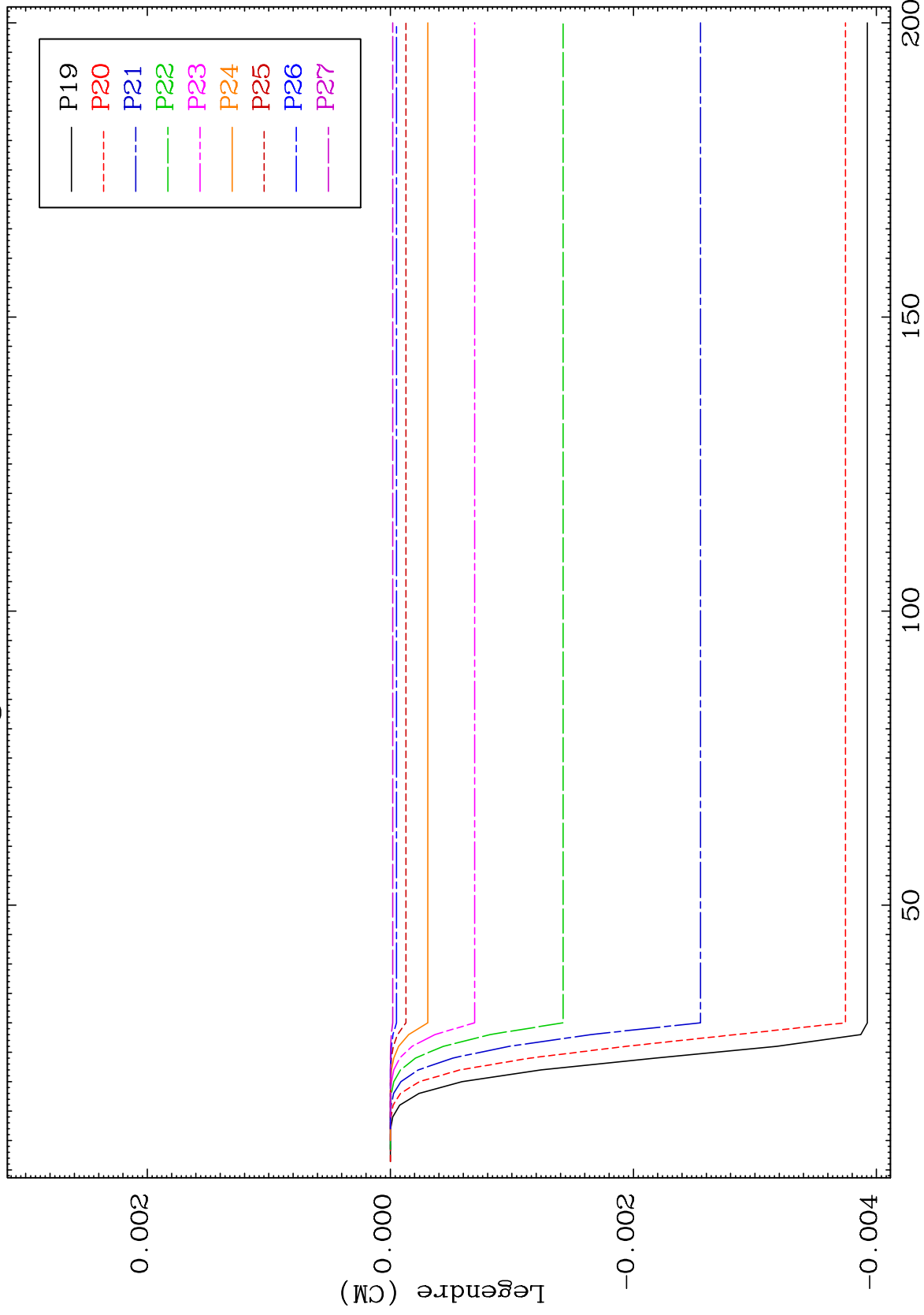




MAT 6610

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

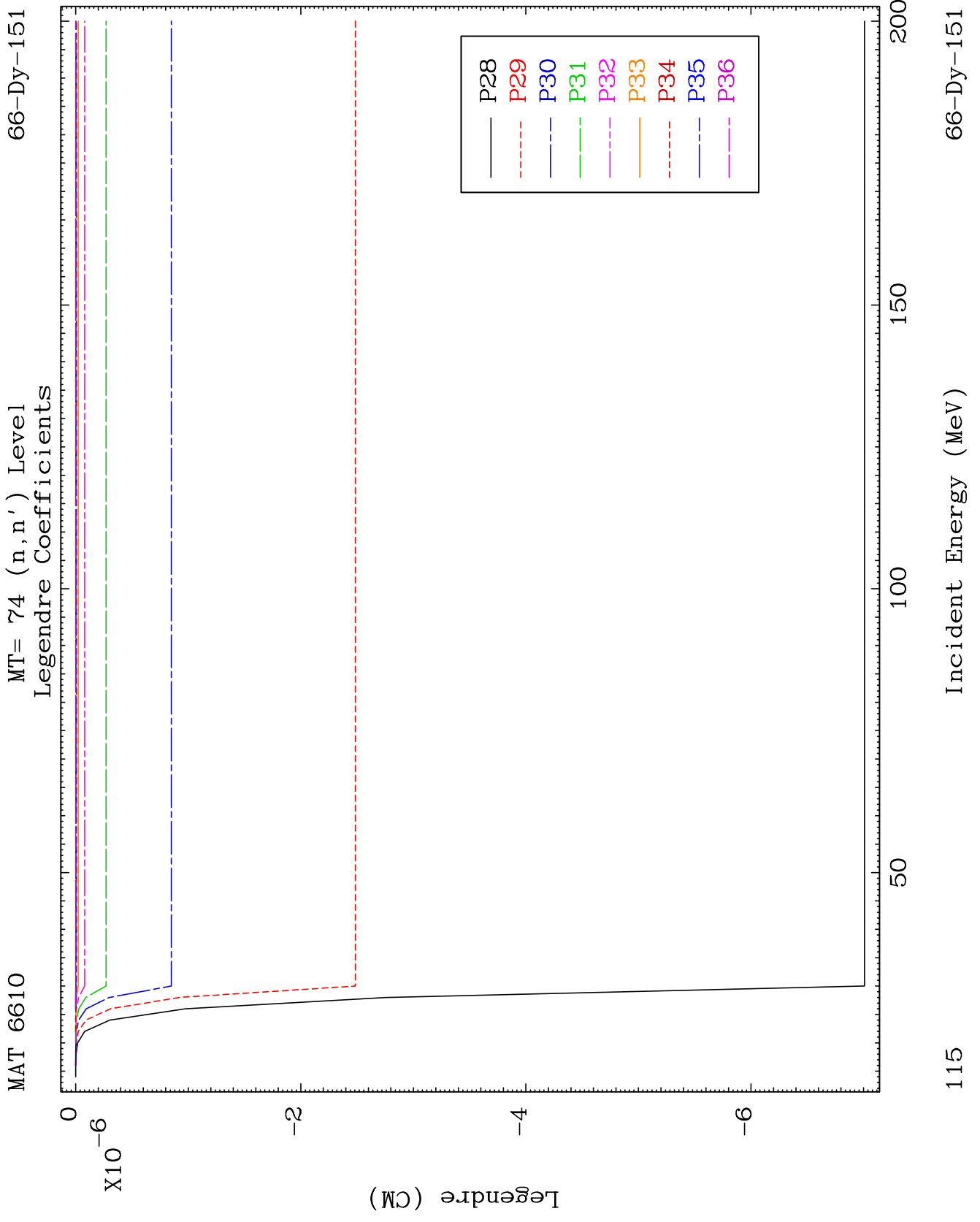
66-Dy-151

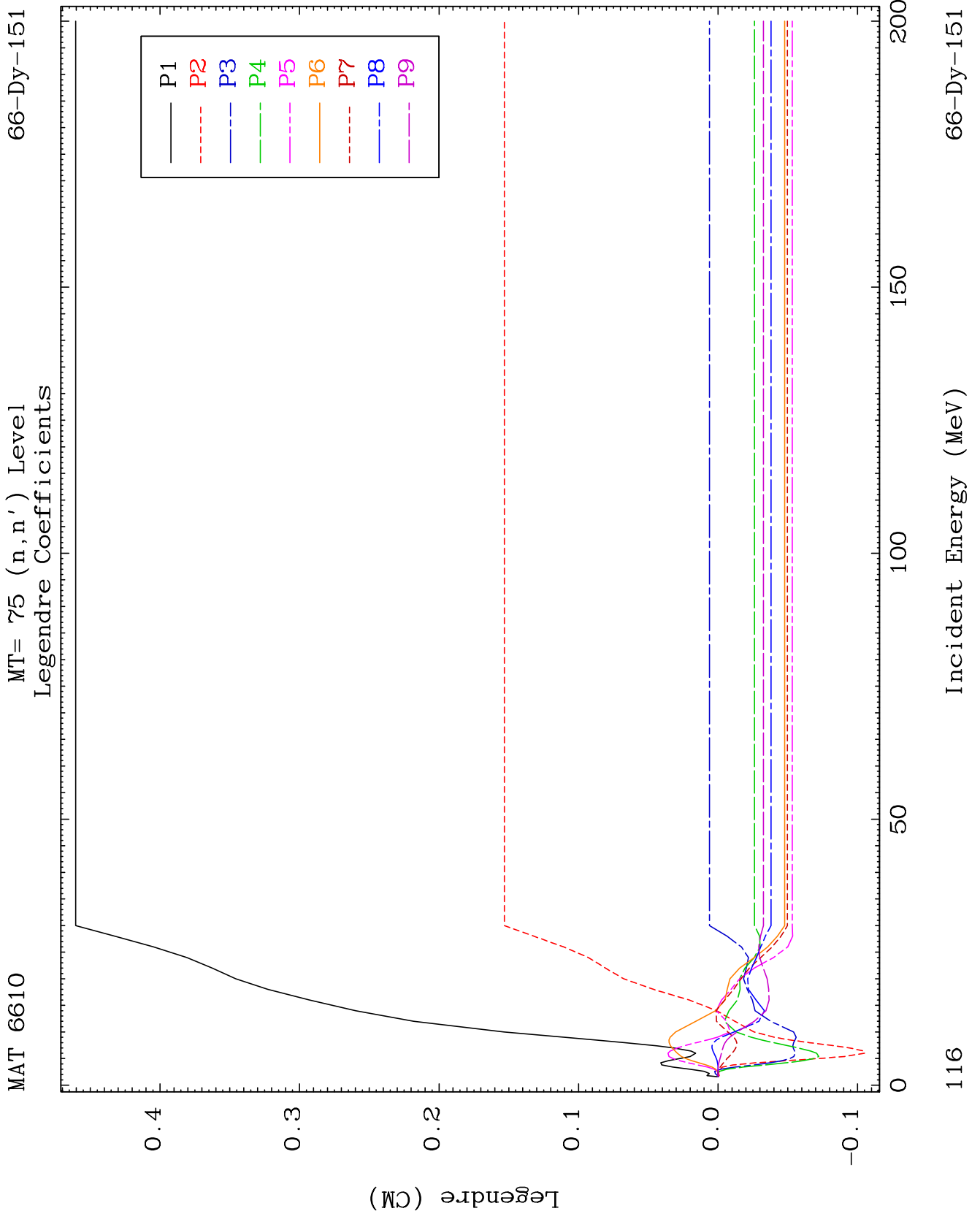


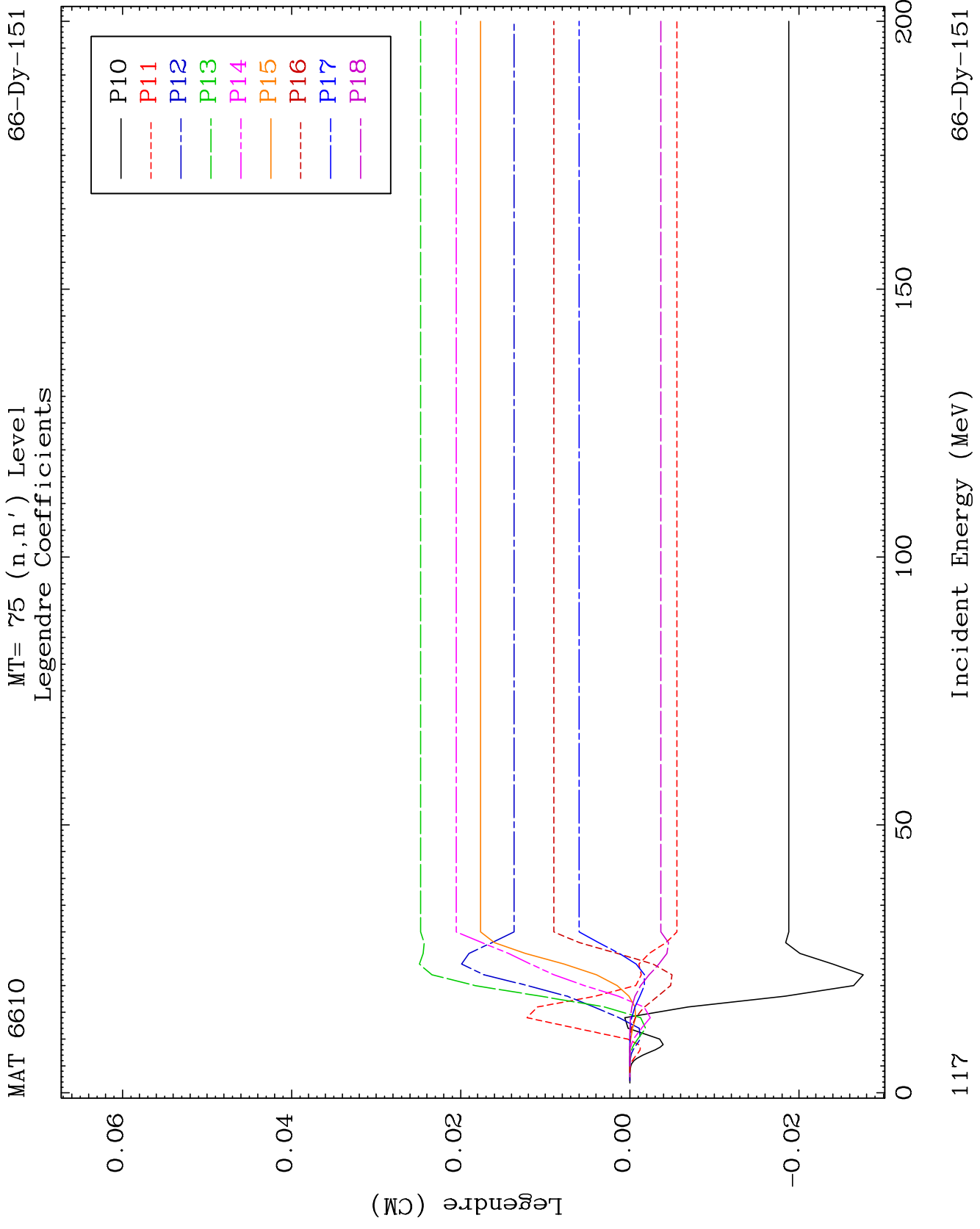
114

Incident Energy (MeV)

66-Dy-151



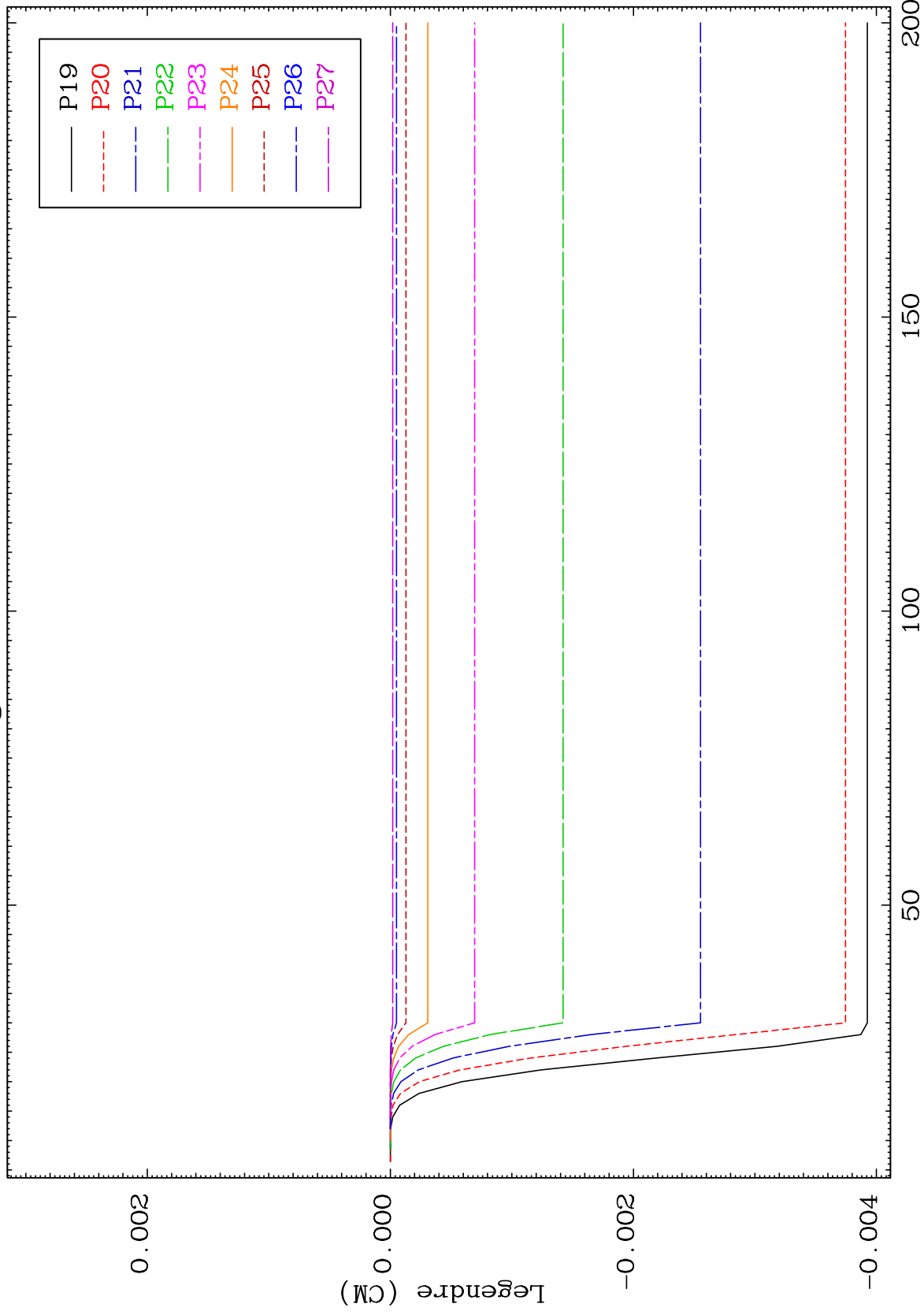




MAT 6610

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

66-Dy-151



118

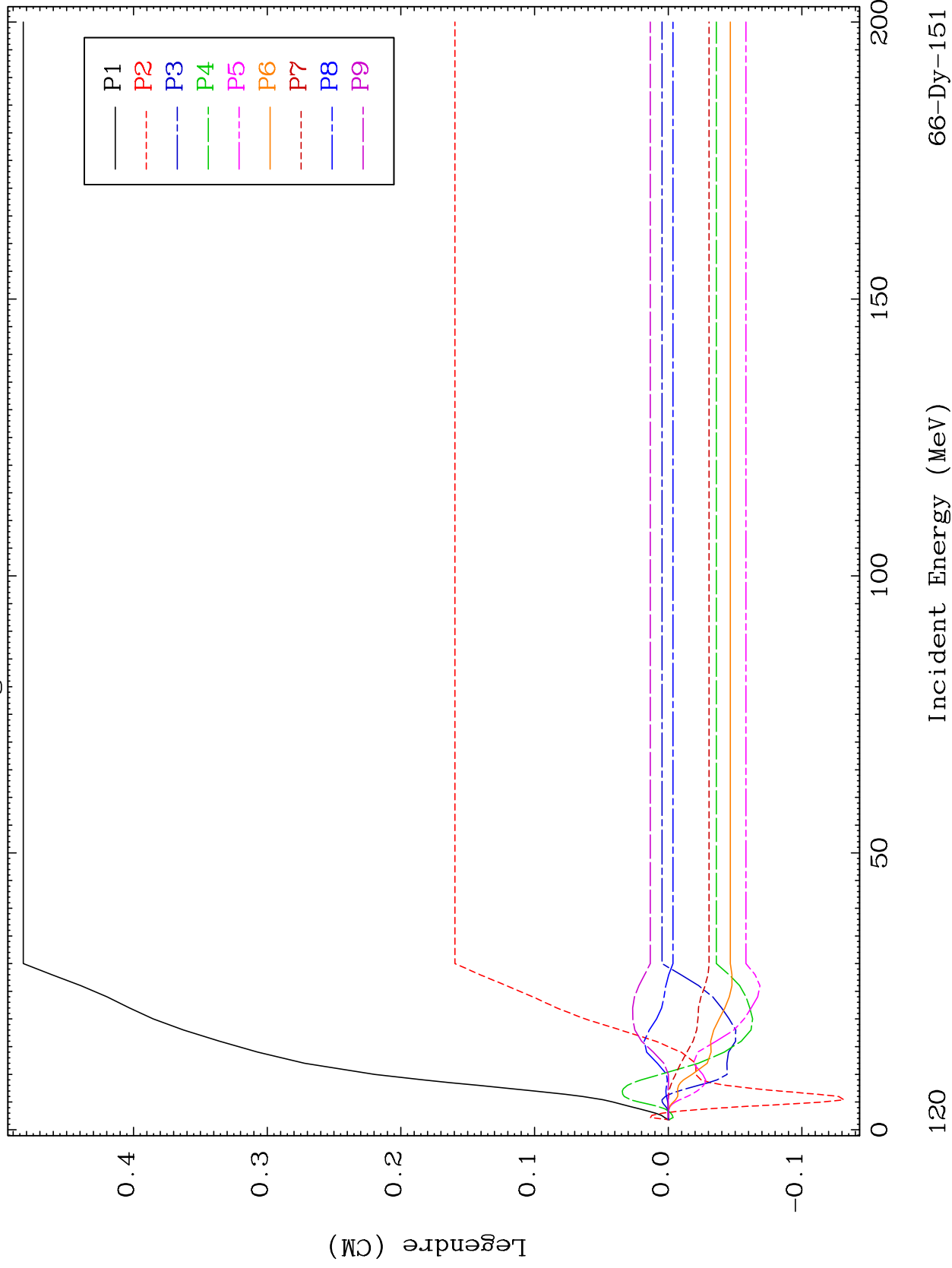
Incident Energy (MeV)

66-Dy-151

MAT 6610

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

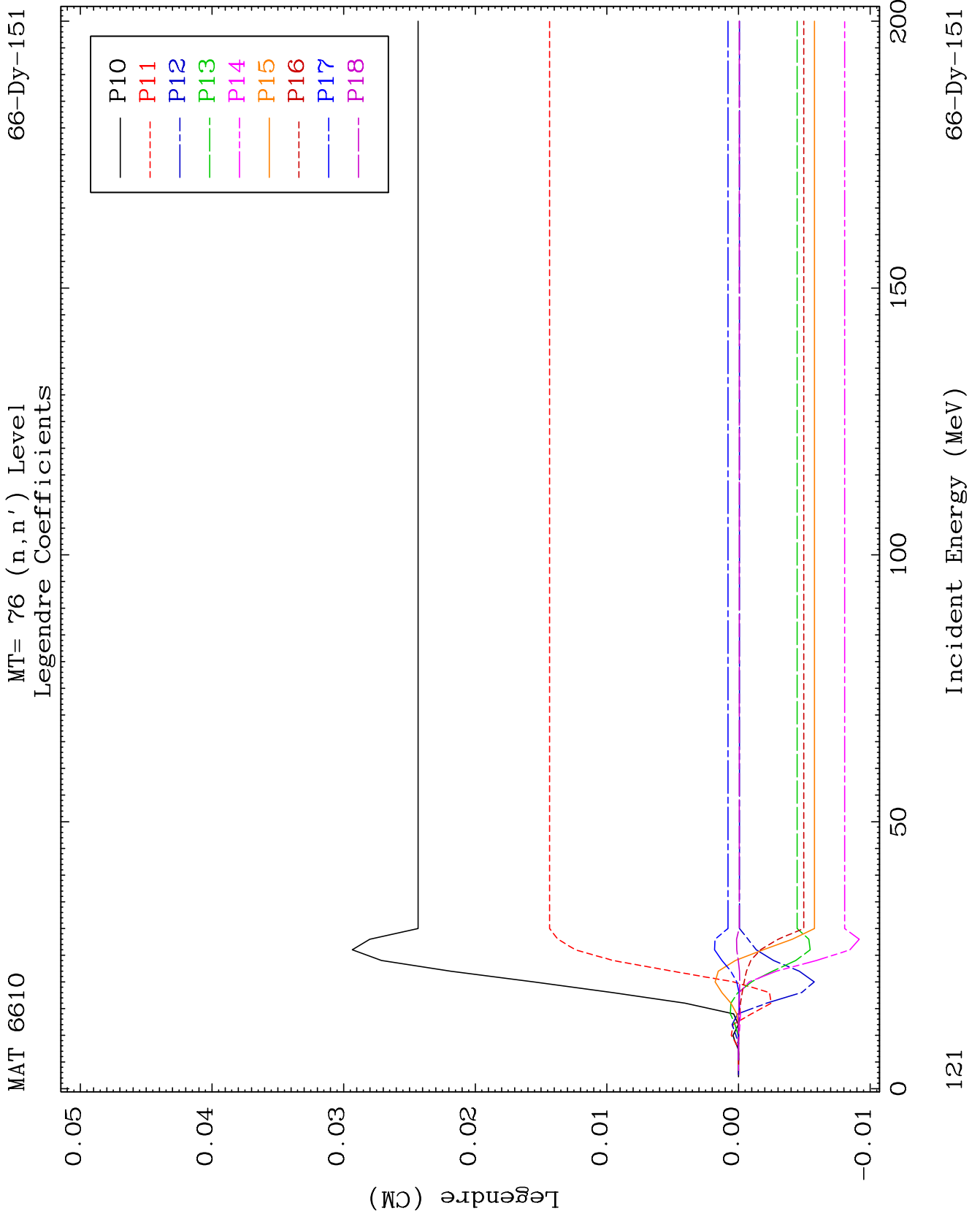
66-Dy-151



66-Dy-151

Incident Energy (MeV)

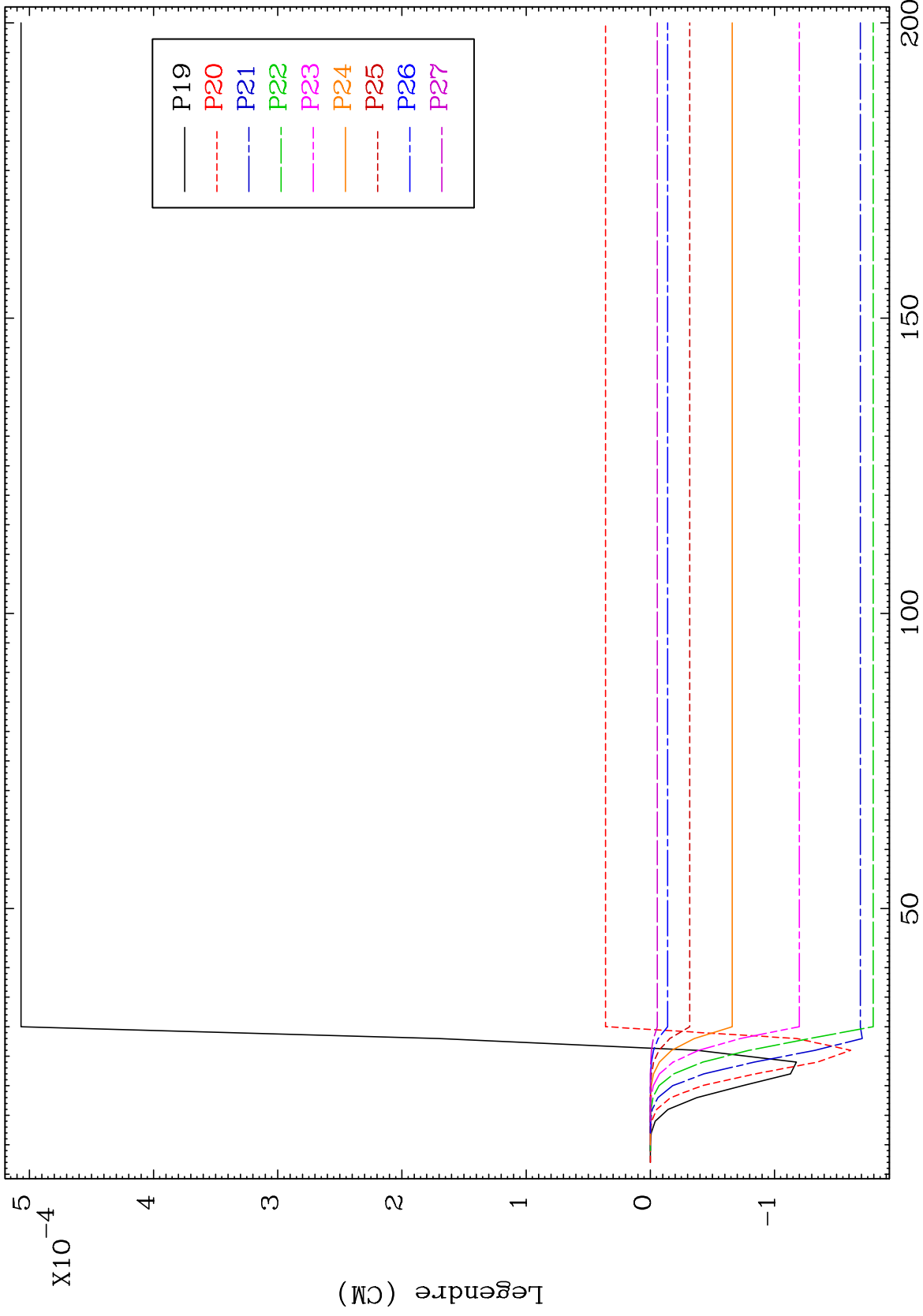
120



MAT 6610

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

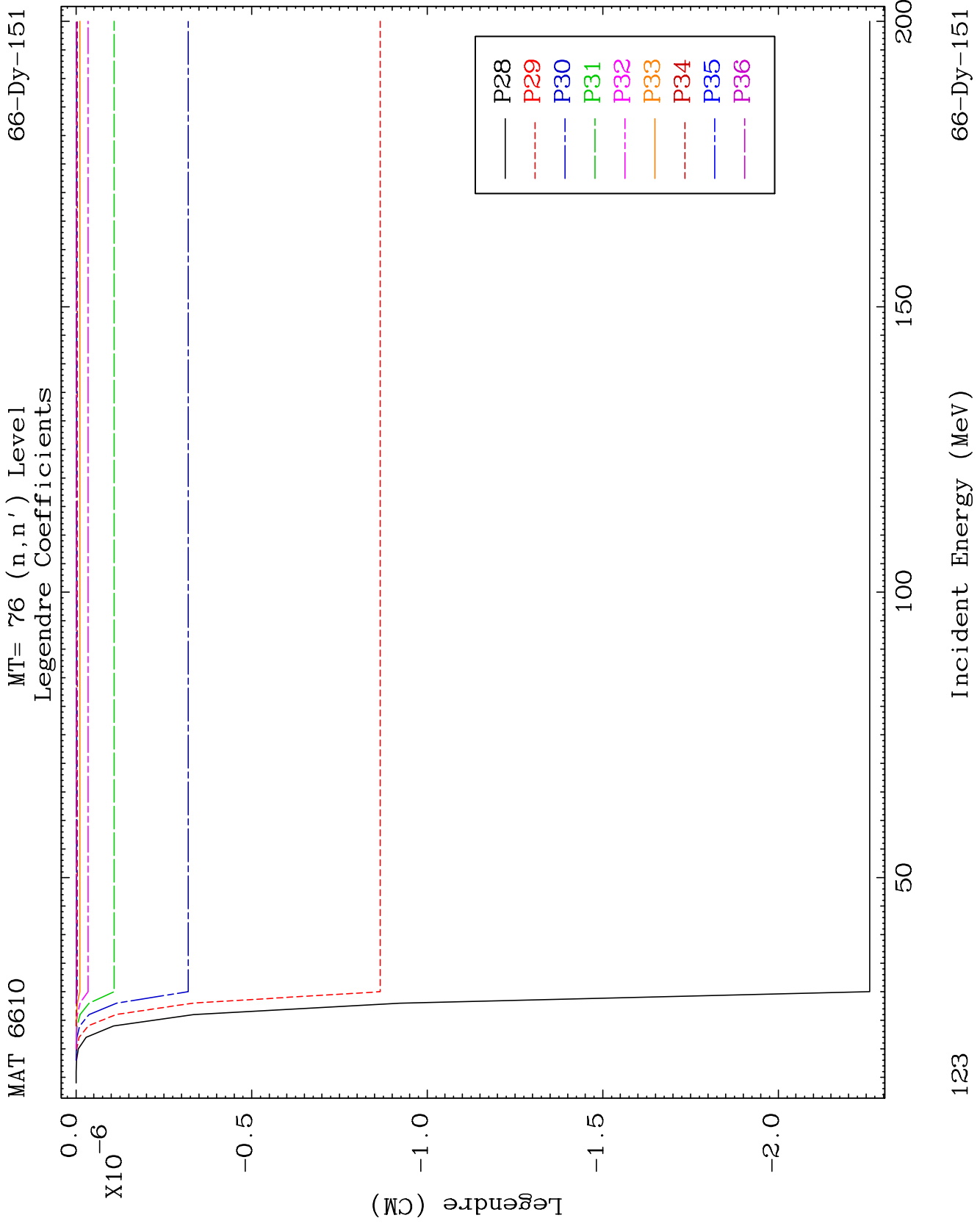
66-Dy-151



122

Incident Energy (MeV)

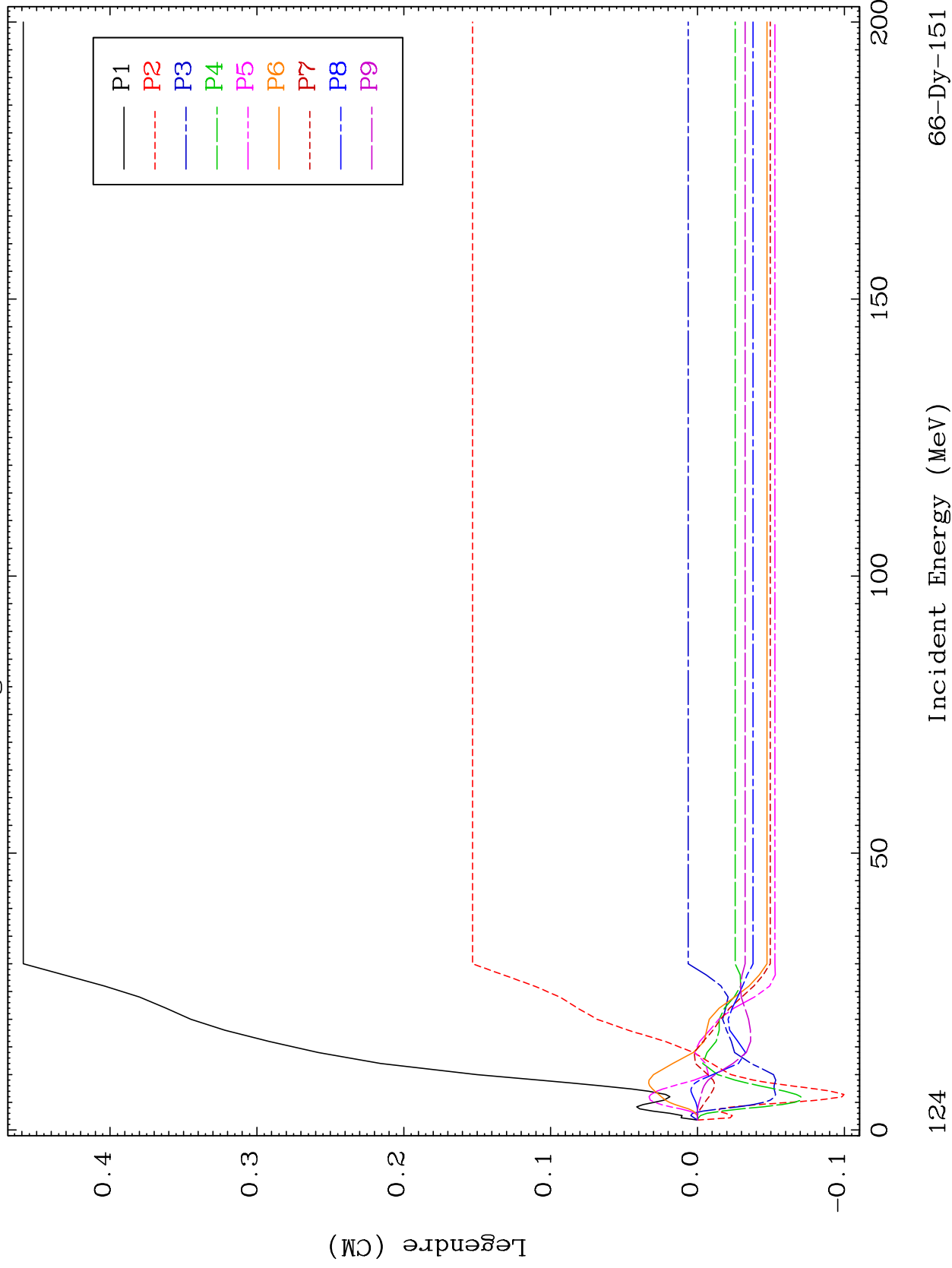
66-Dy-151



MAT 6610

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

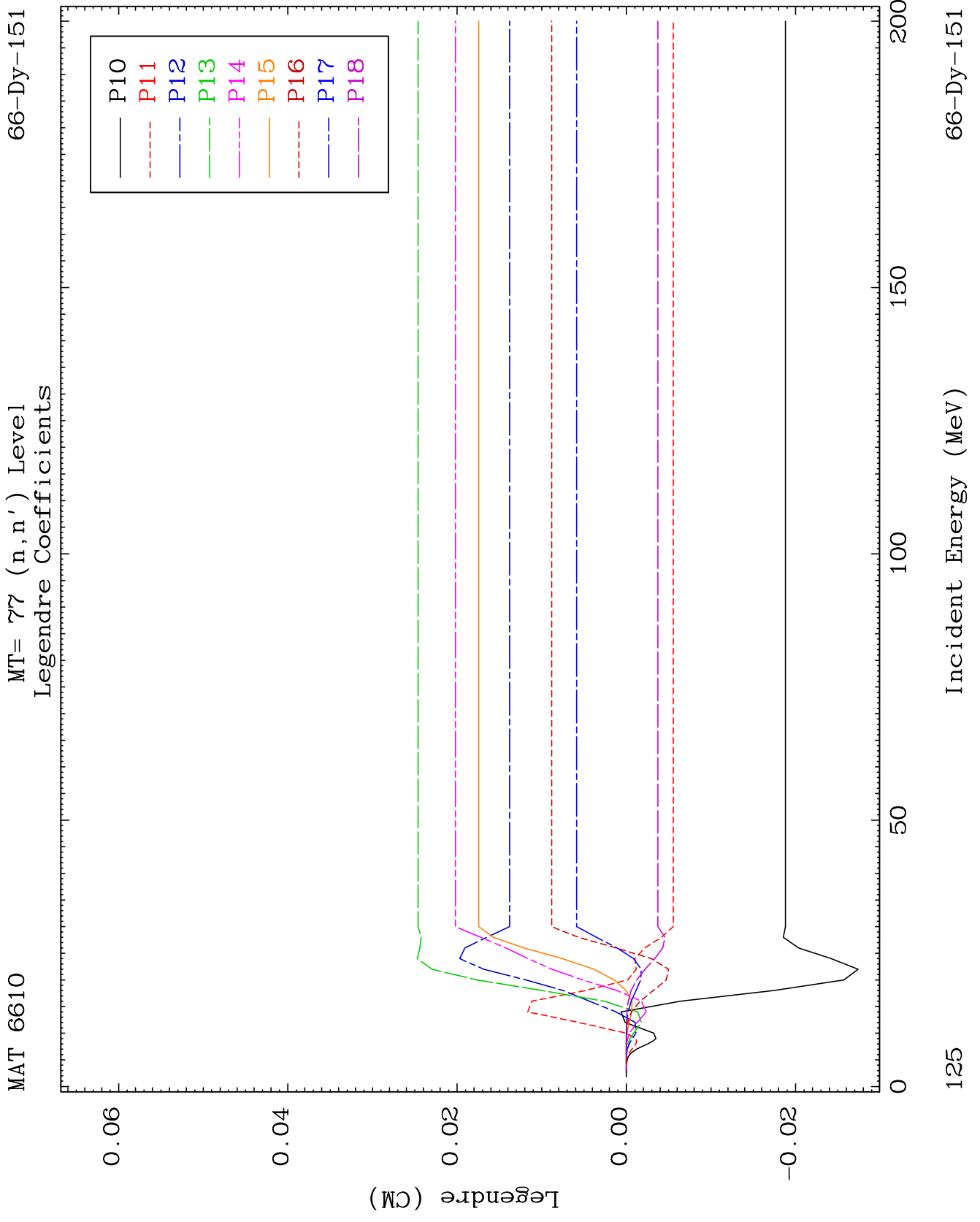
66-Dy-151



66-Dy-151

Incident Energy (MeV)

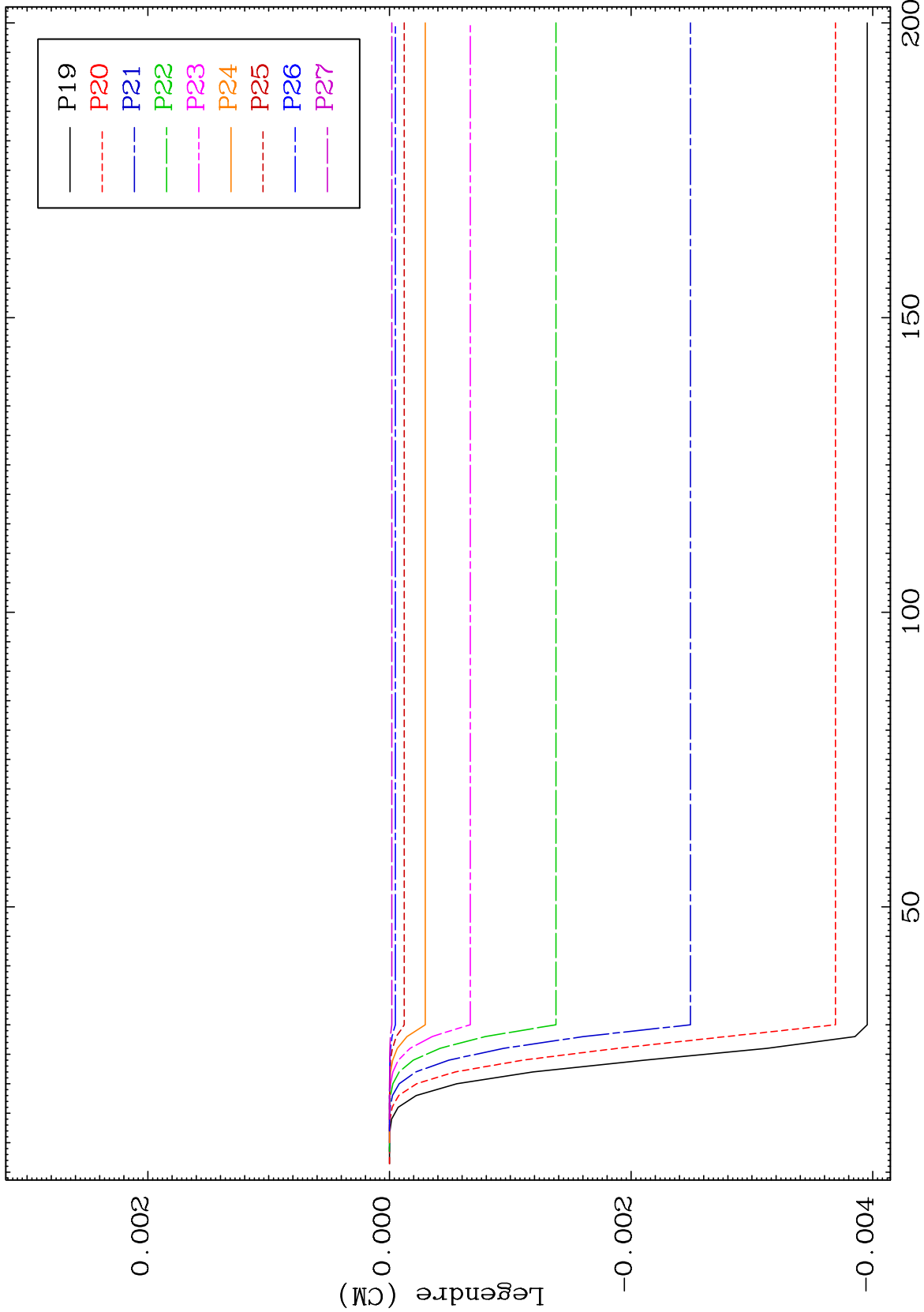
124



MAT 6610

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

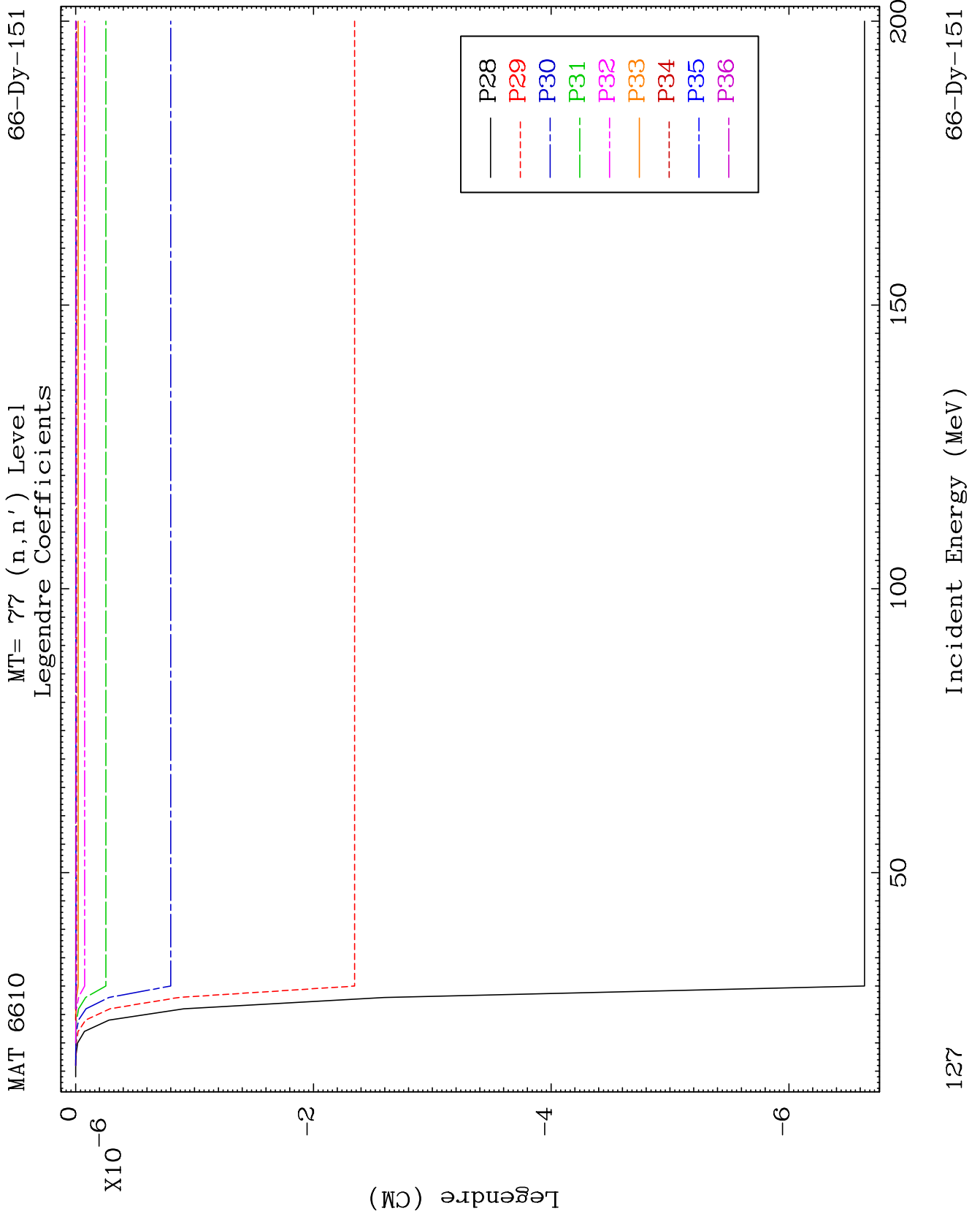
66-Dy-151



126

Incident Energy (MeV)

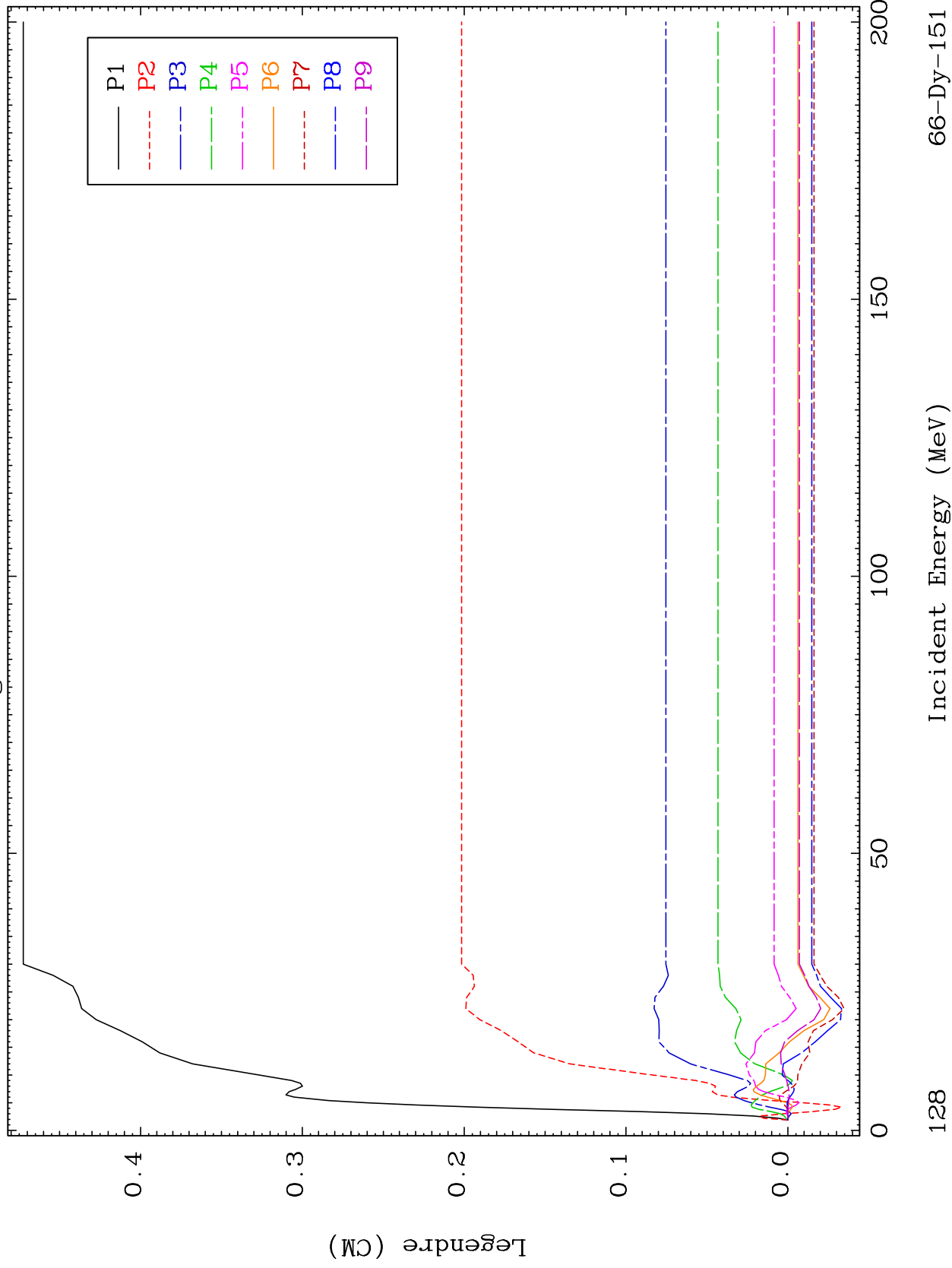
66-Dy-151



MAT 6610

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

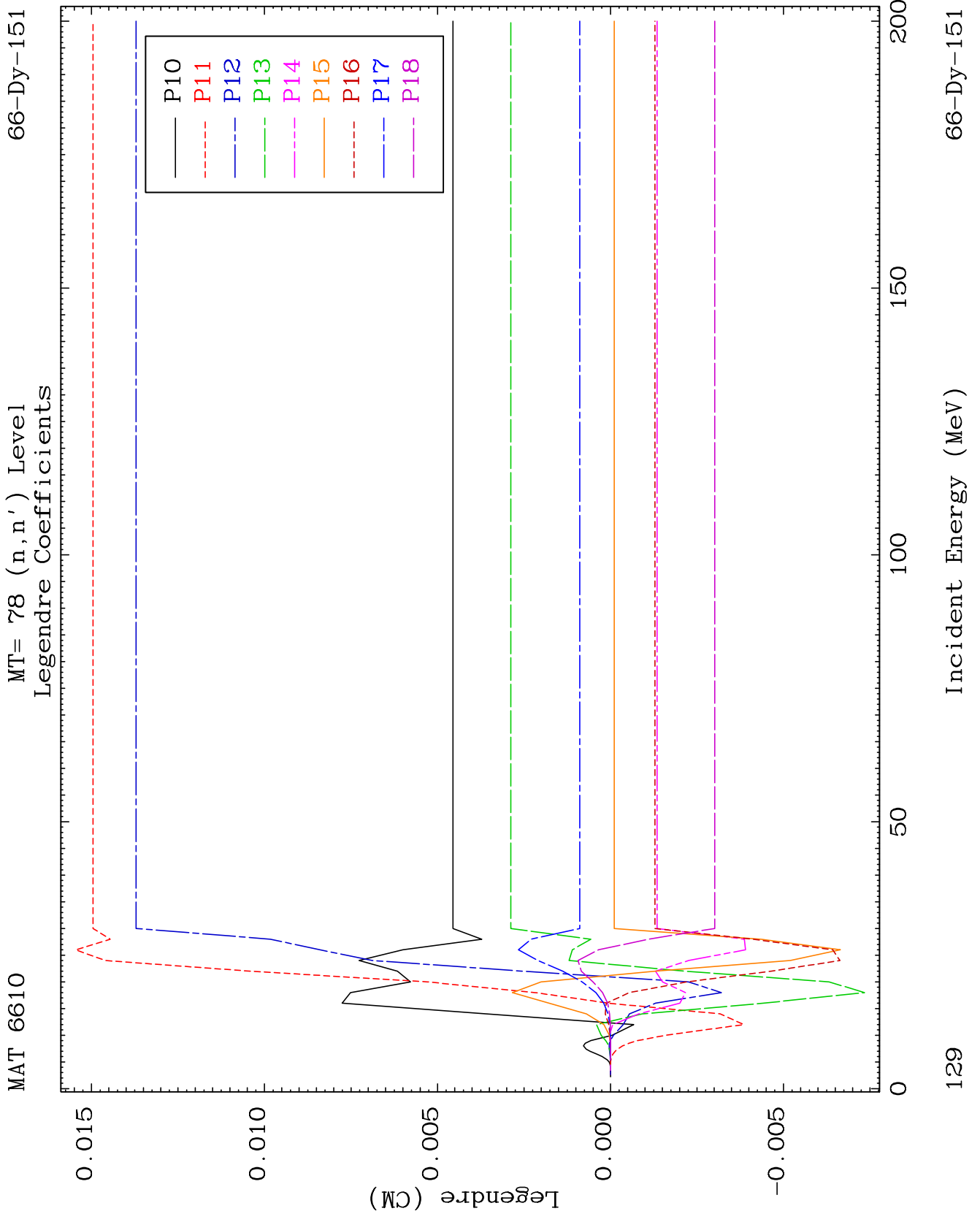
66-Dy-151

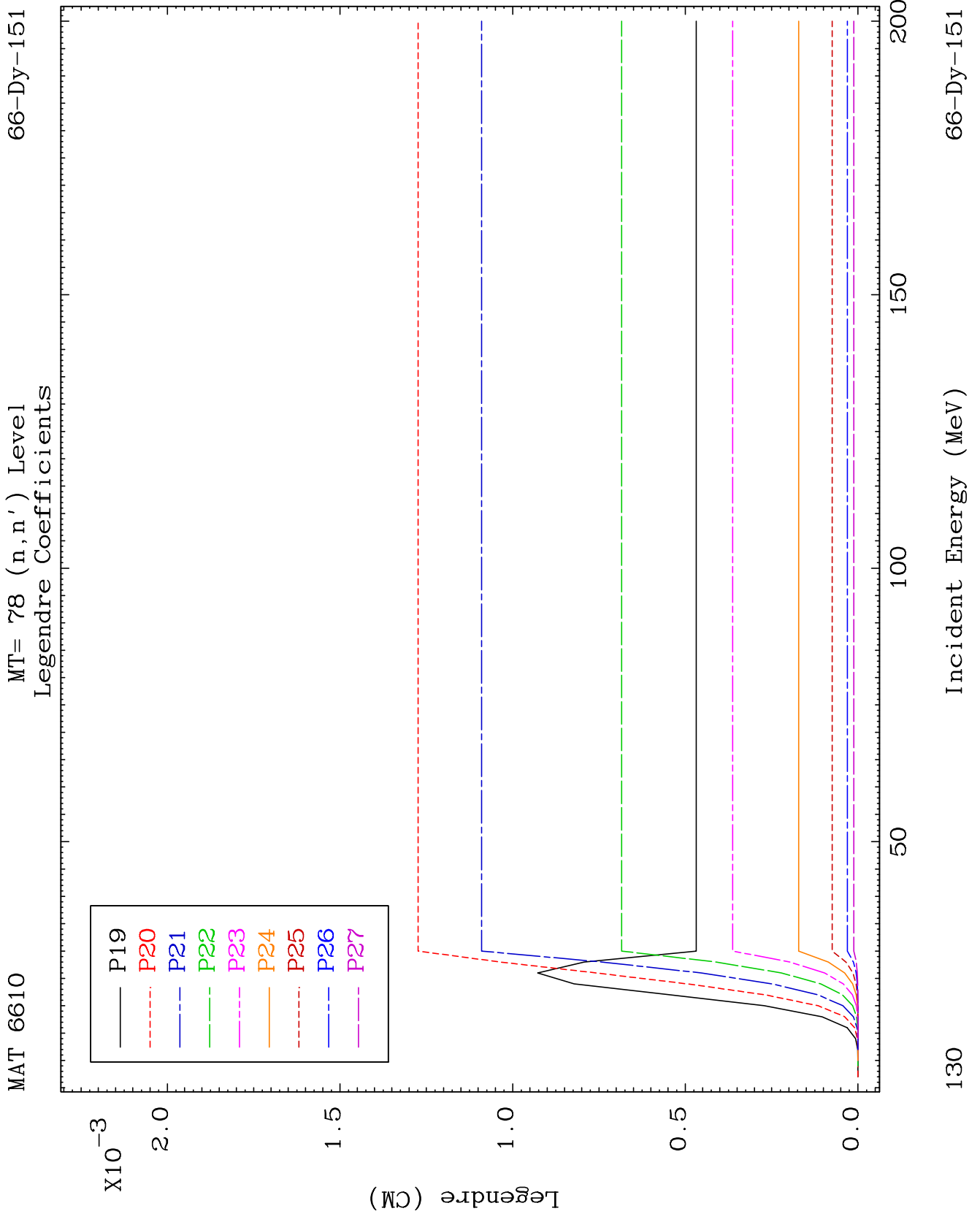


66-Dy-151

Incident Energy (MeV)

128

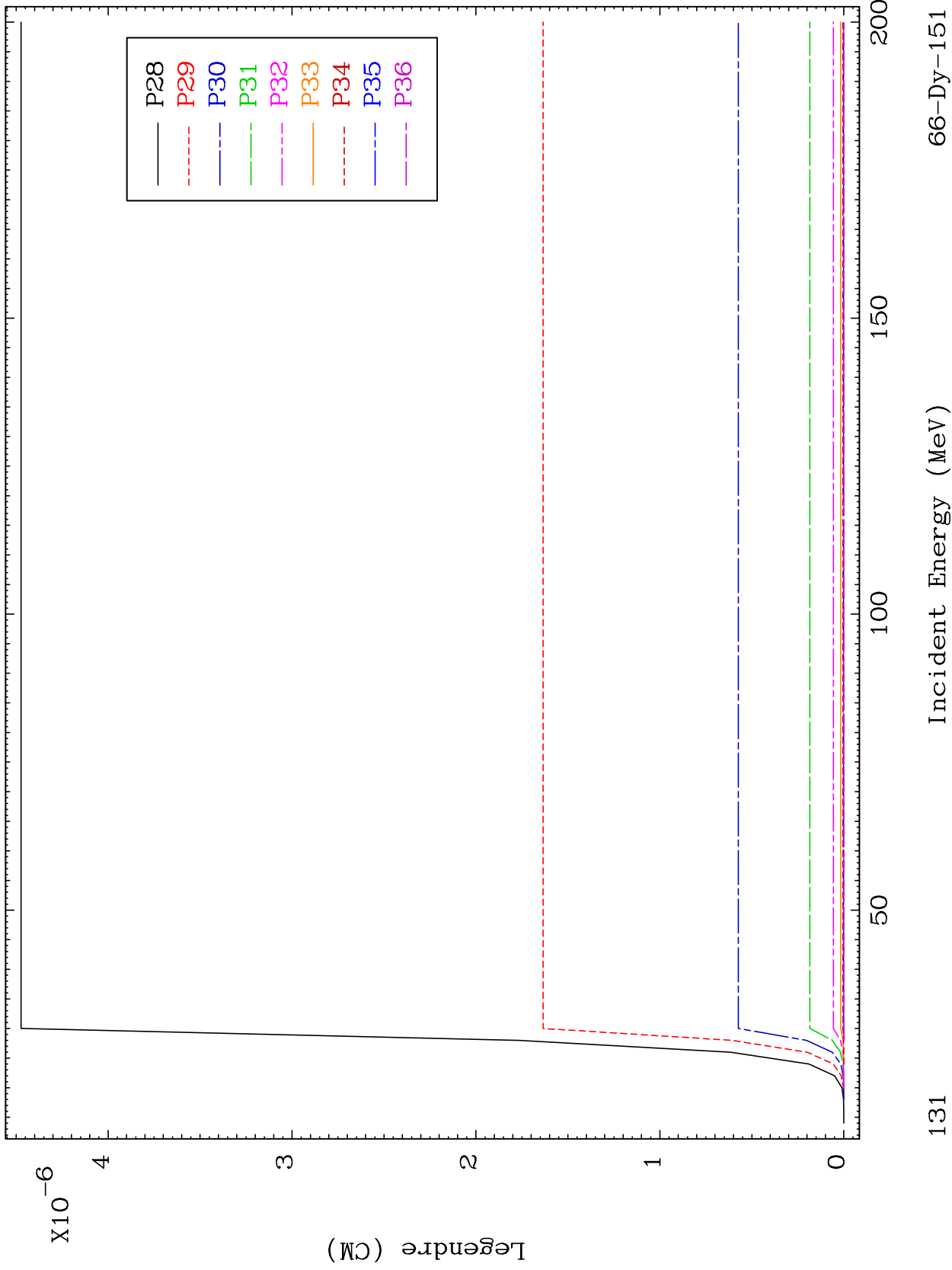




MAT 6610

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

66-Dy-151

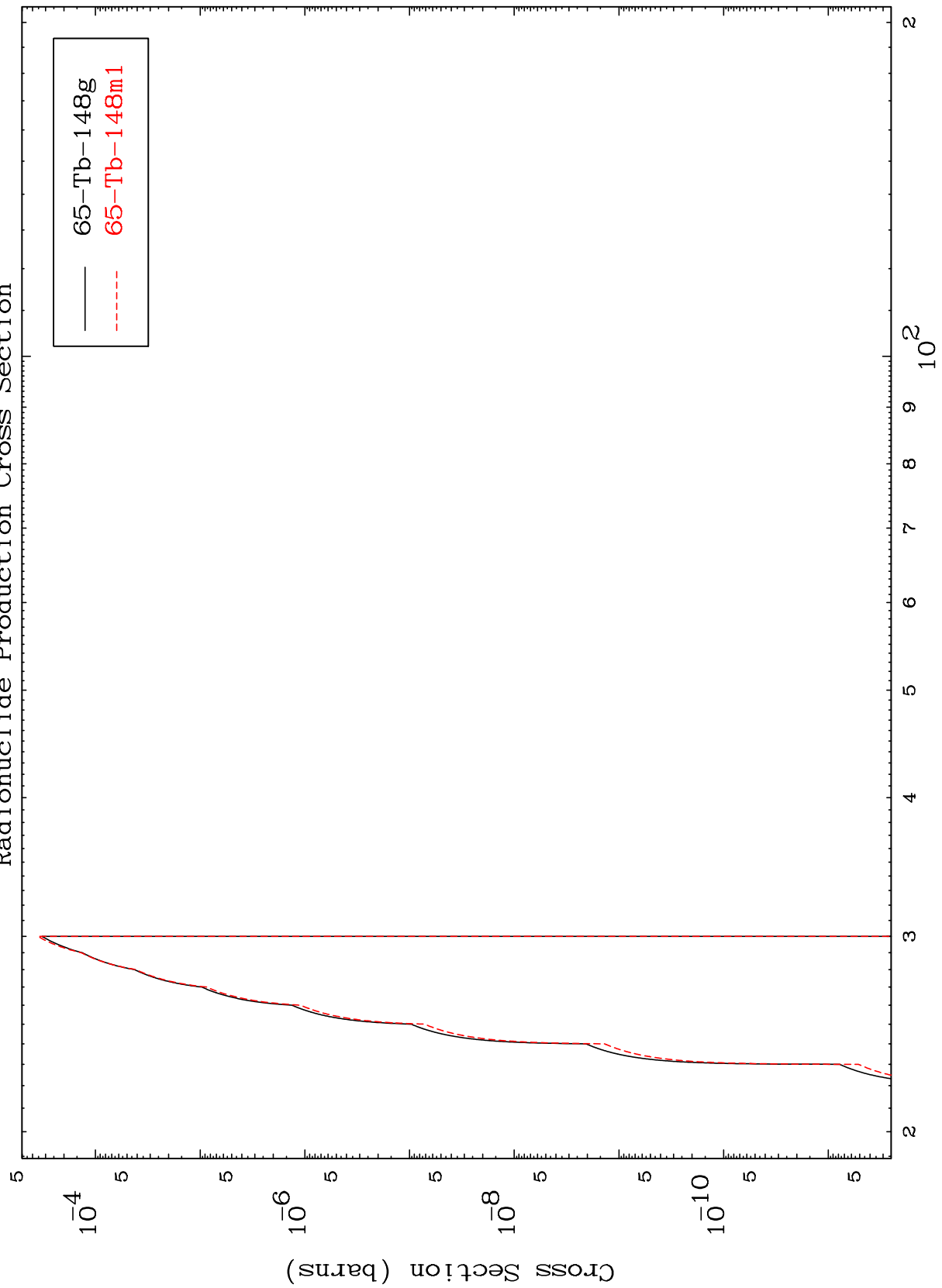


131

Incident Energy (MeV)

66-Dy-151

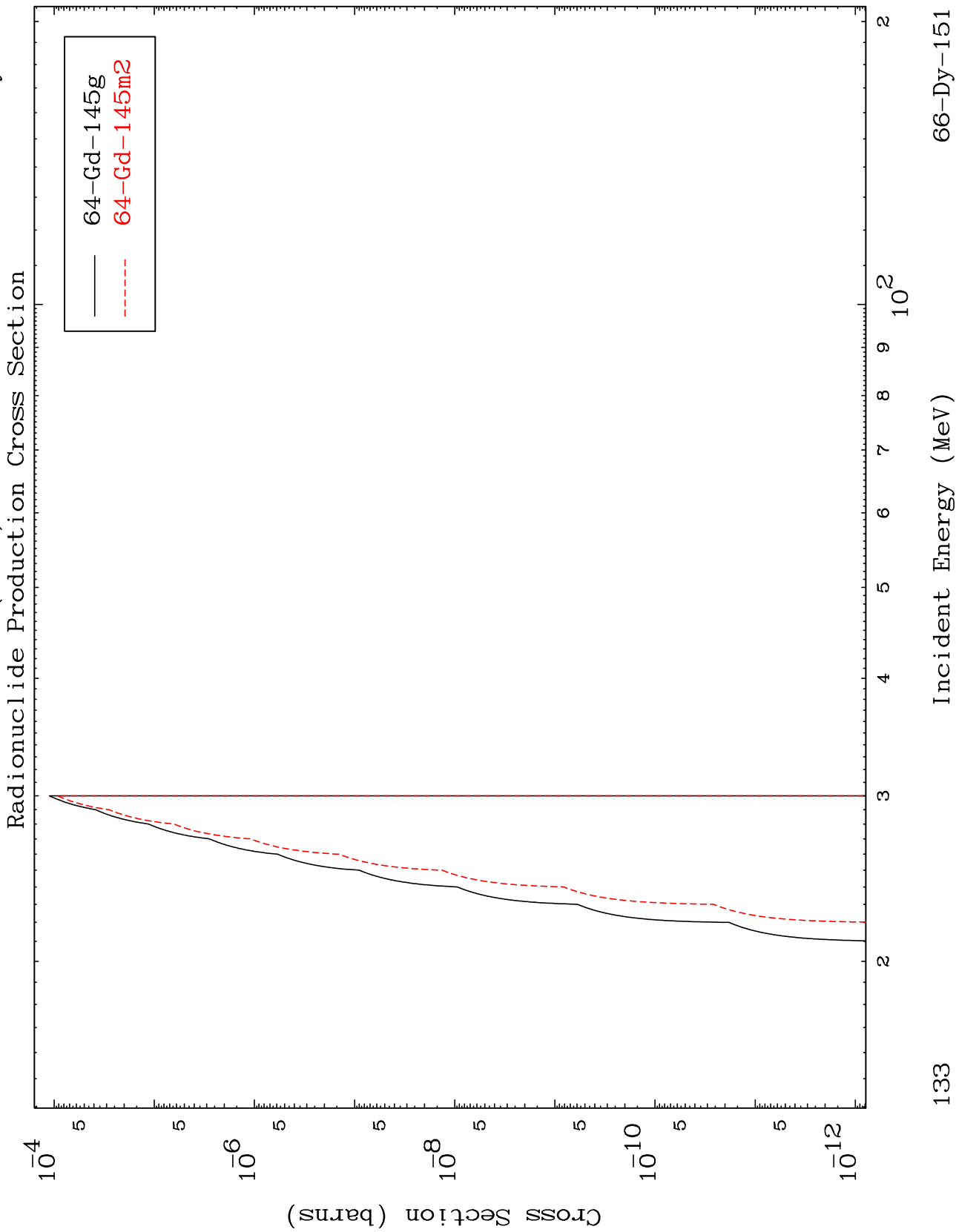
Radionuclide Production Cross Section



MAT 6610

(n,3n) α

66-Dy-151



133

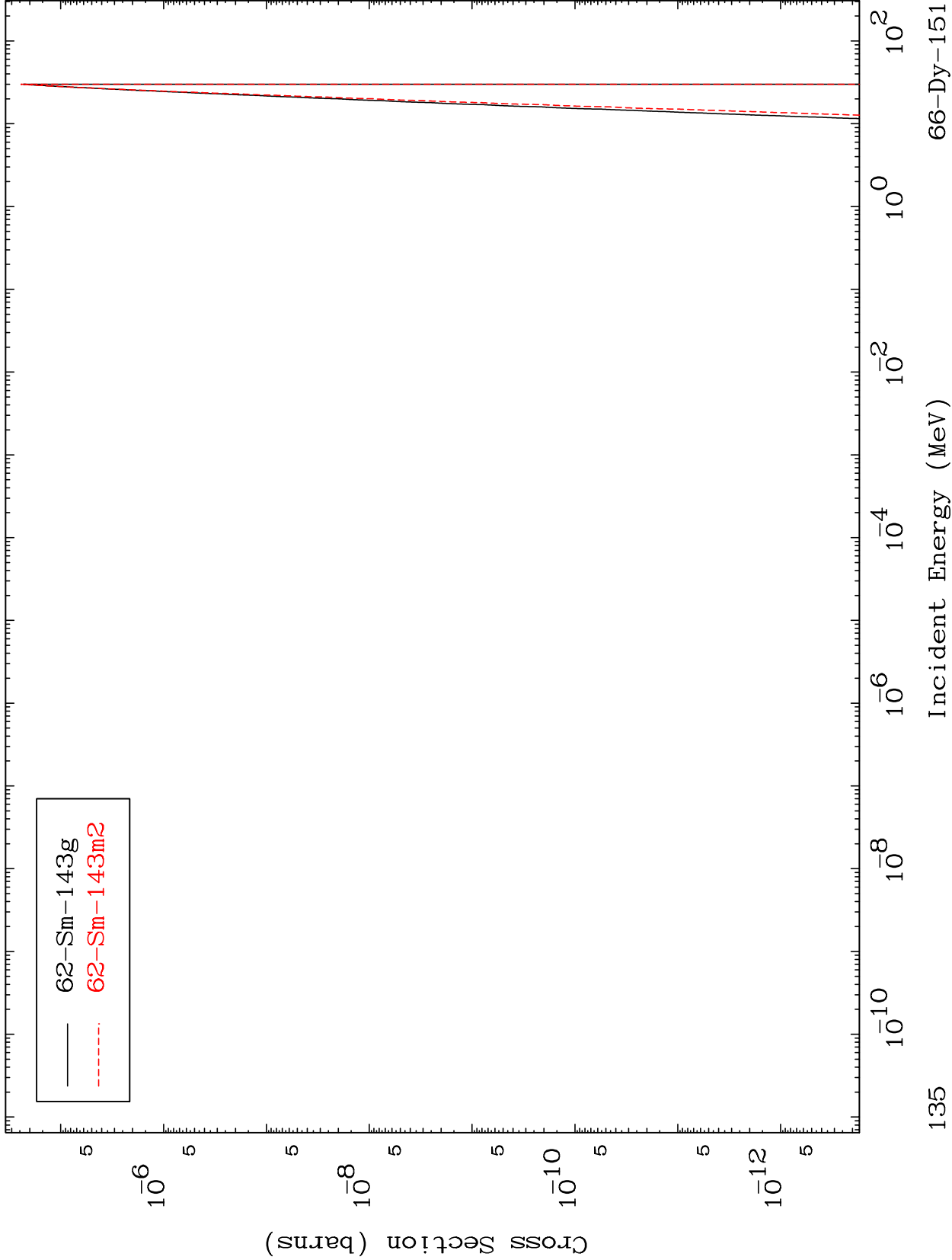
66-Dy-151

MAT 6610

(n,n') 2α

66-Dy-151

Radionuclide Production Cross Section



135

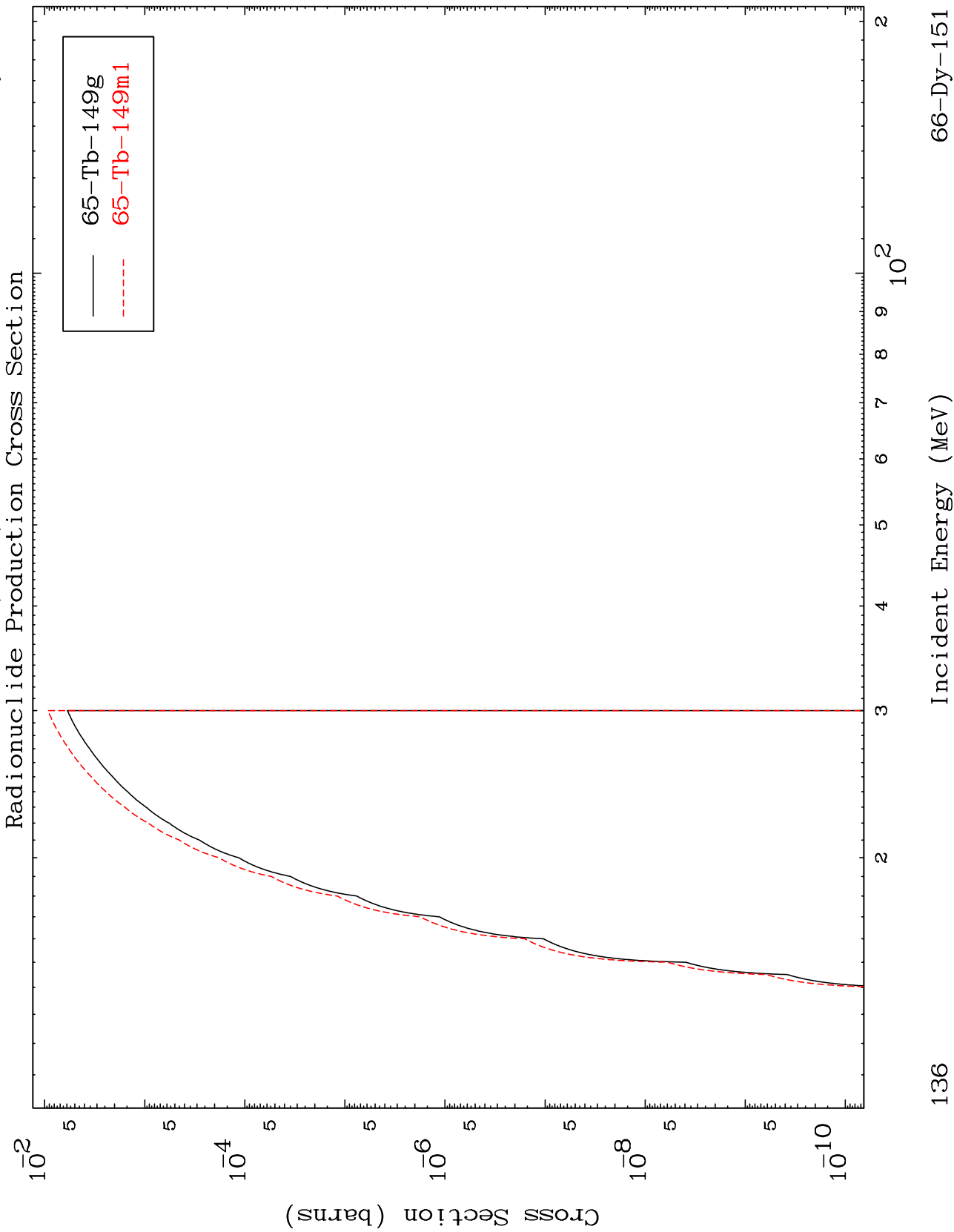
Incident Energy (MeV)

66-Dy-151

MAT 6610

(n,n') d

66-Dy-151



136

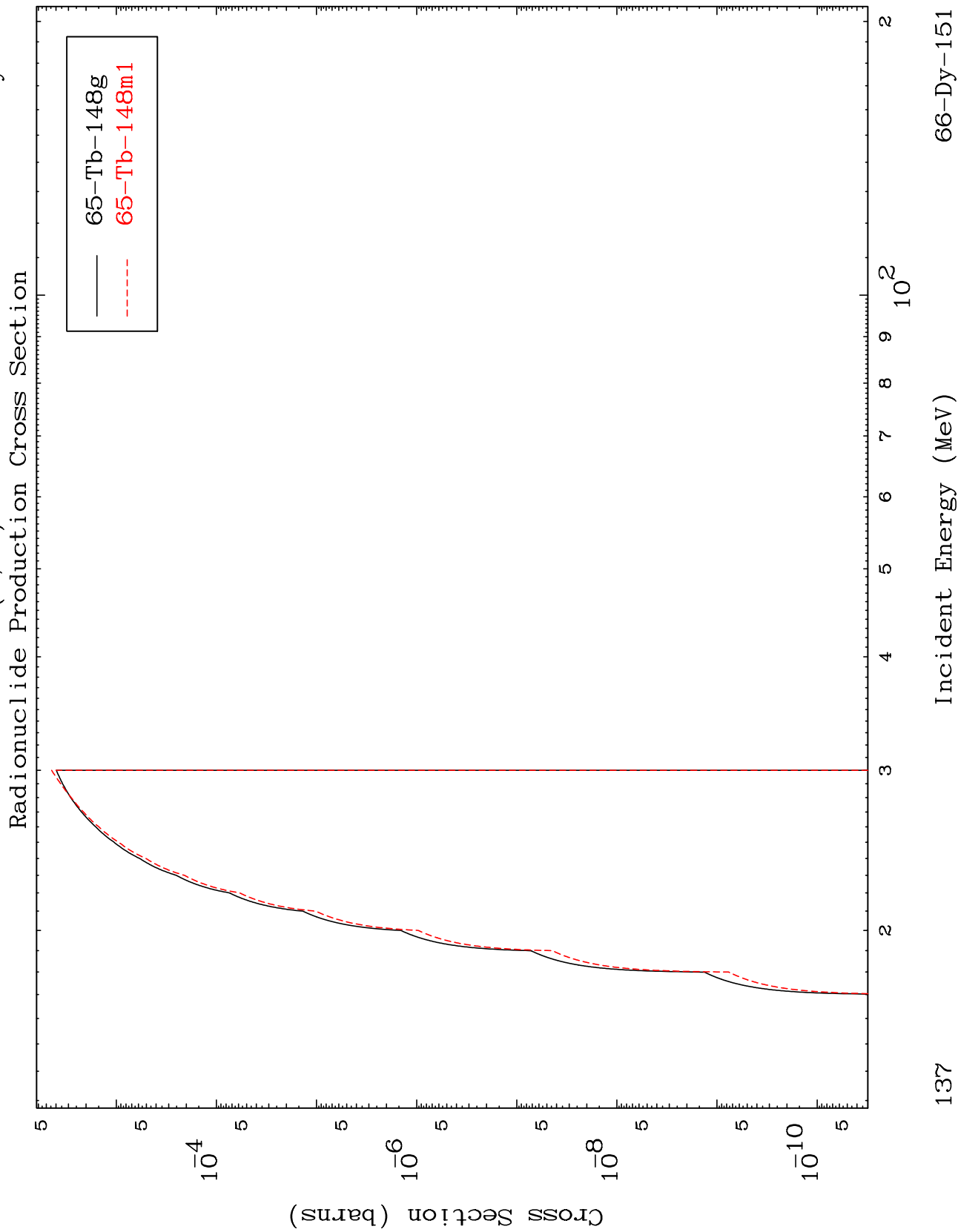
Incident Energy (MeV)

66-Dy-151

MAT 6610

(n,n') t

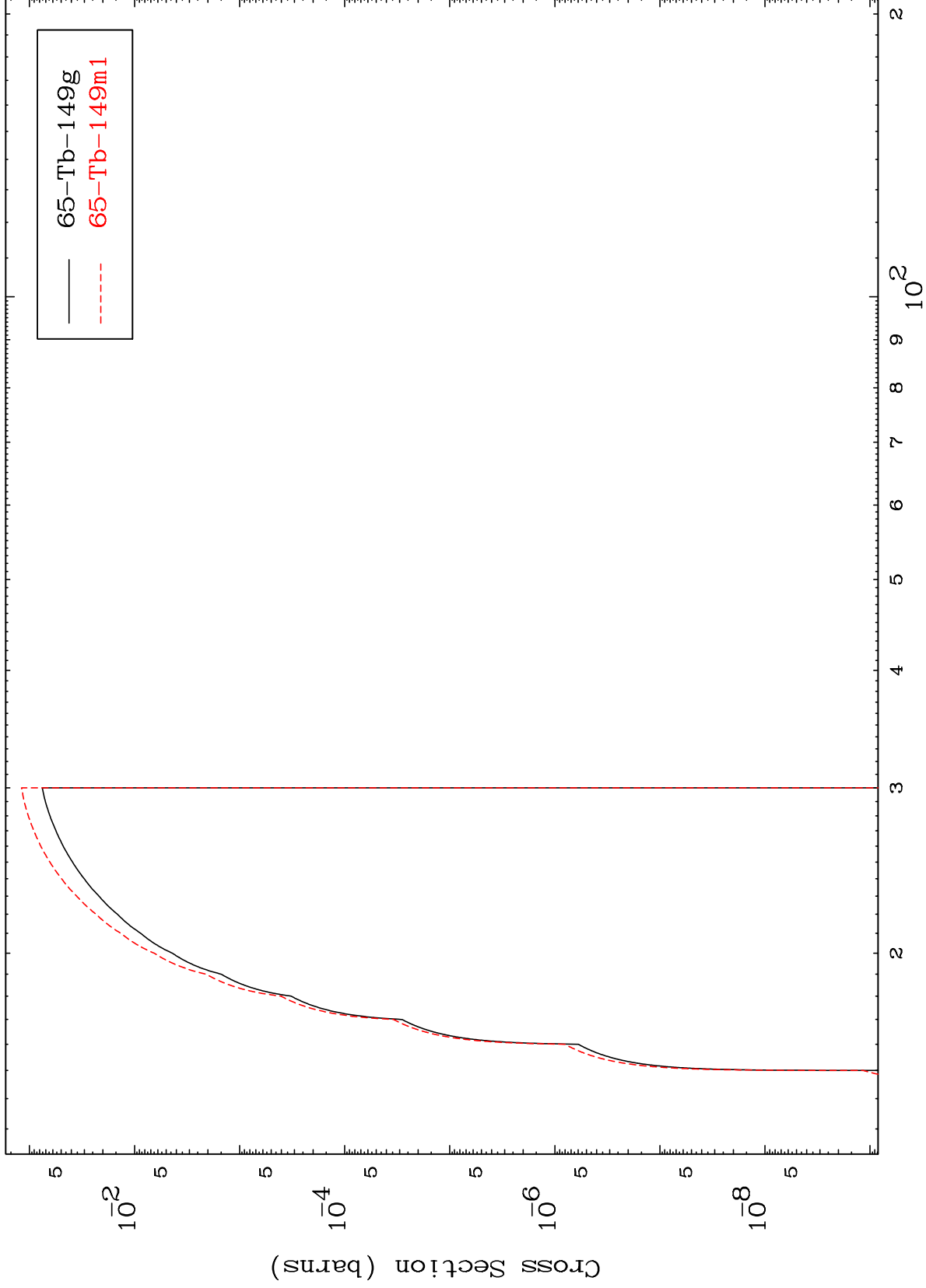
66-Dy-151



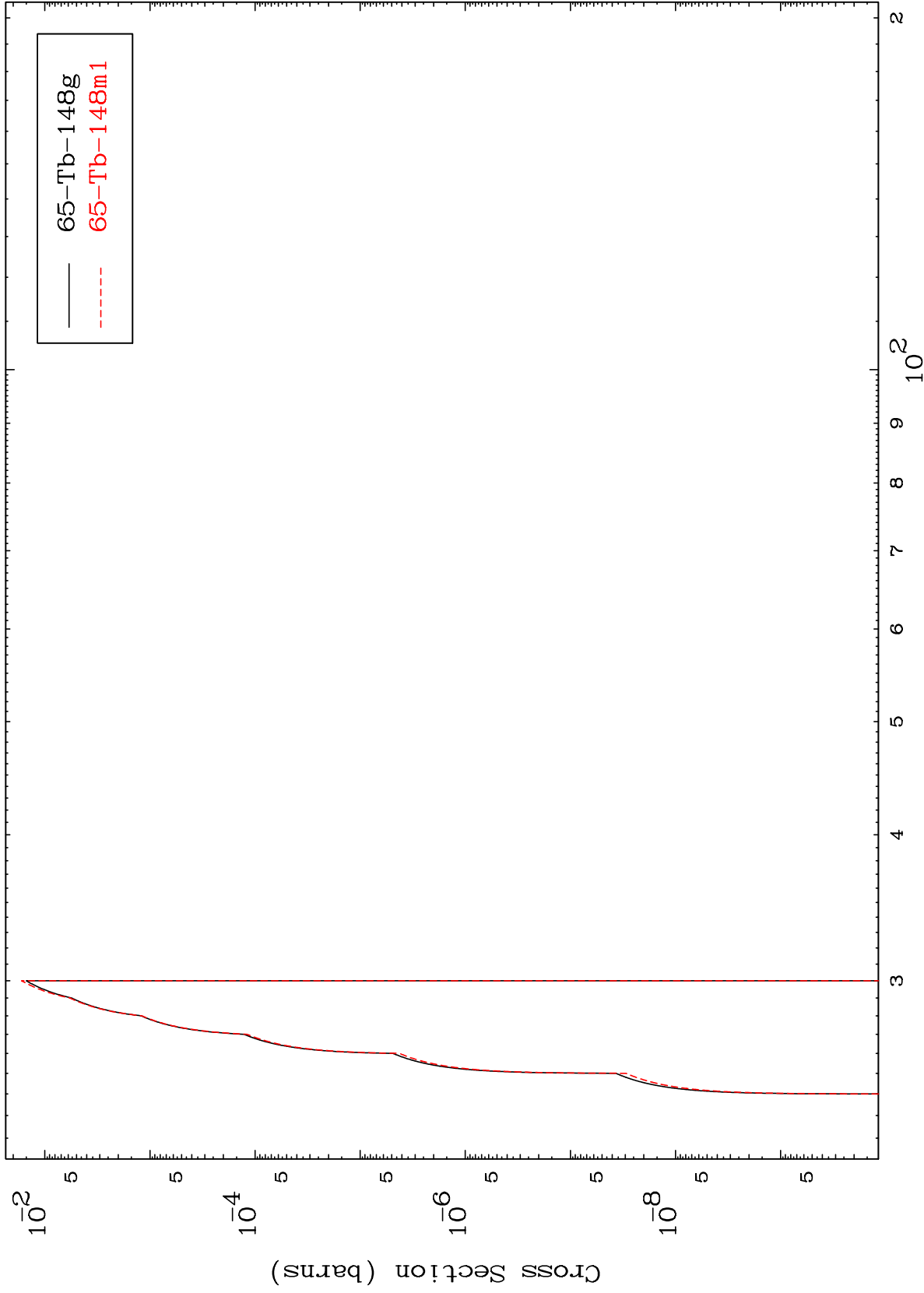
137

66-Dy-151

Radionuclide Production Cross Section



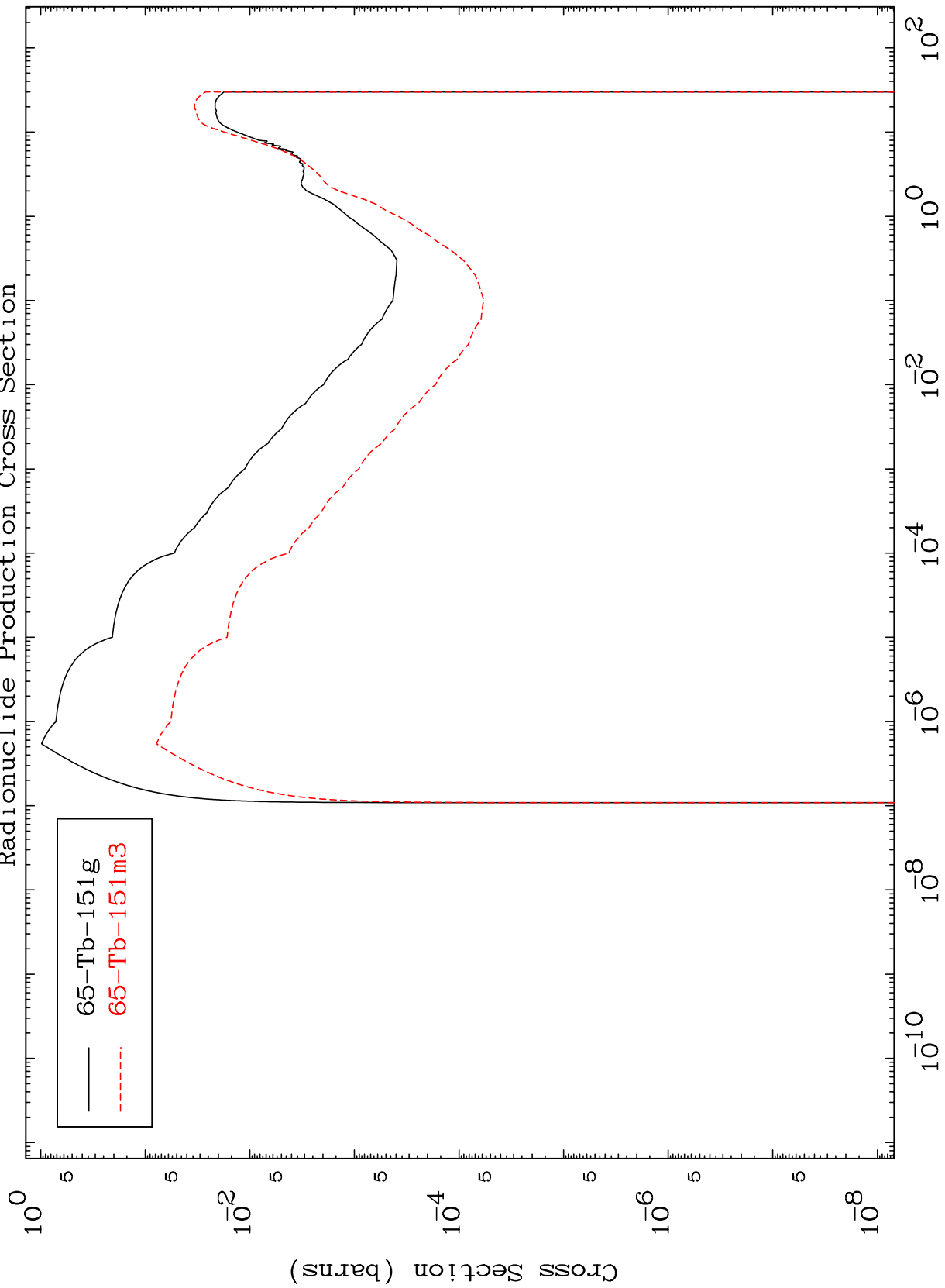
Radionuclide Production Cross Section



MAT 6610

66-Dy-151

Radionuclide Production Cross Section (n,p)



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

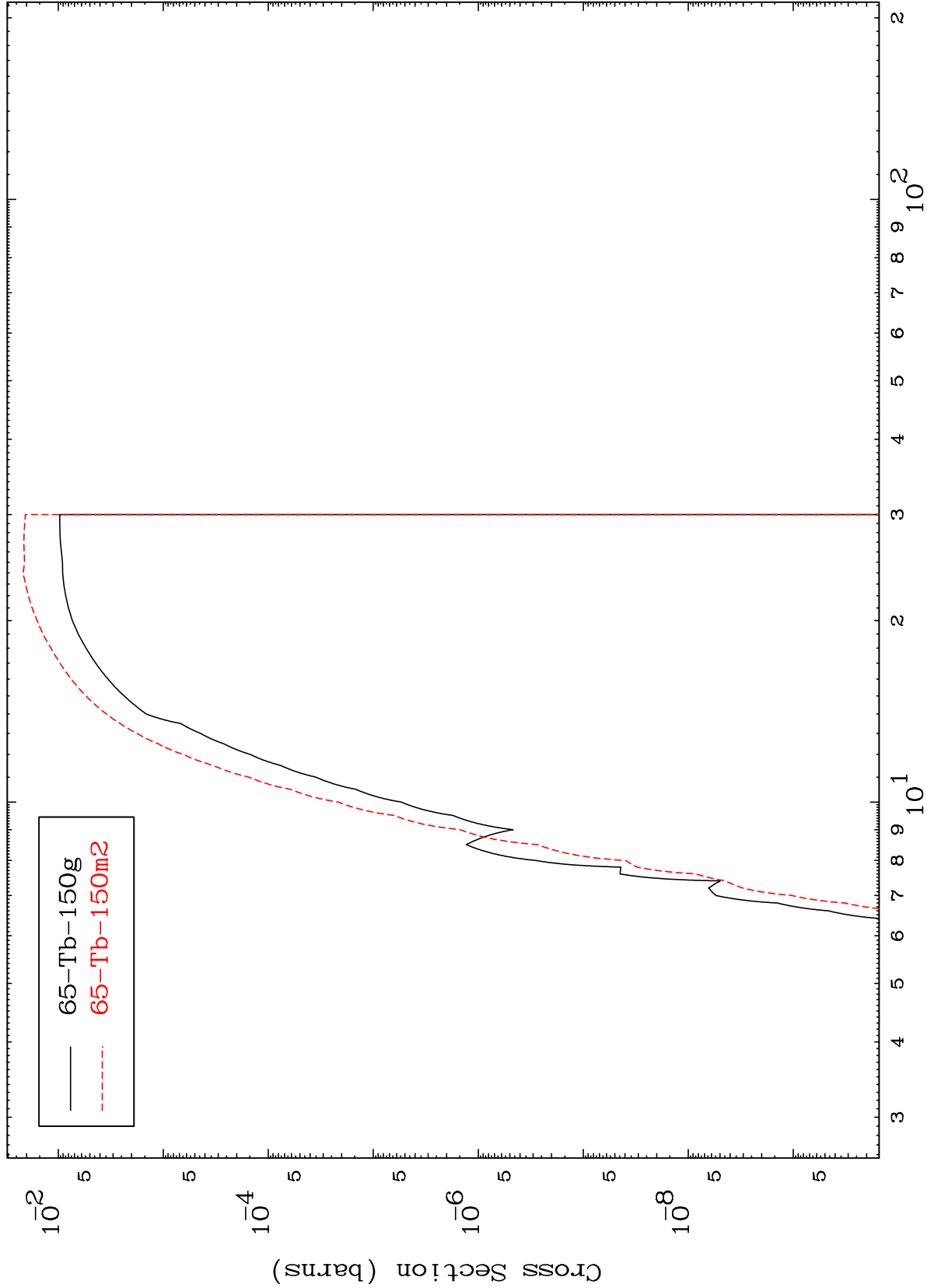
140

66-Dy-151

MAT 6610

66-Dy-151

(n,d)
Radionuclide Production Cross Section



141

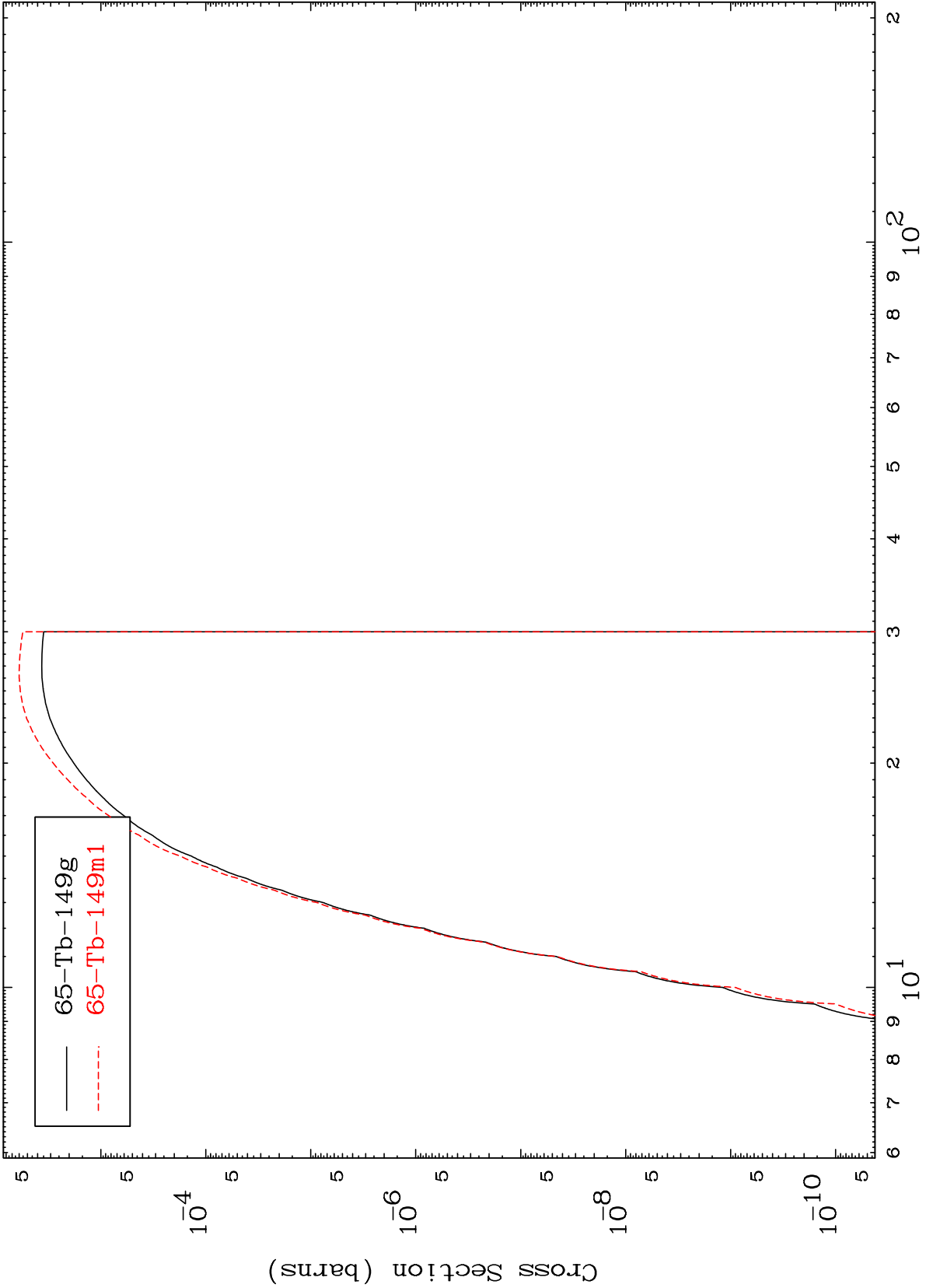
Incident Energy (MeV)

66-Dy-151

MAT 6610

66-Dy-151

(n,t)
Radionuclide Production Cross Section



142

Incident Energy (MeV)

66-Dy-151