

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
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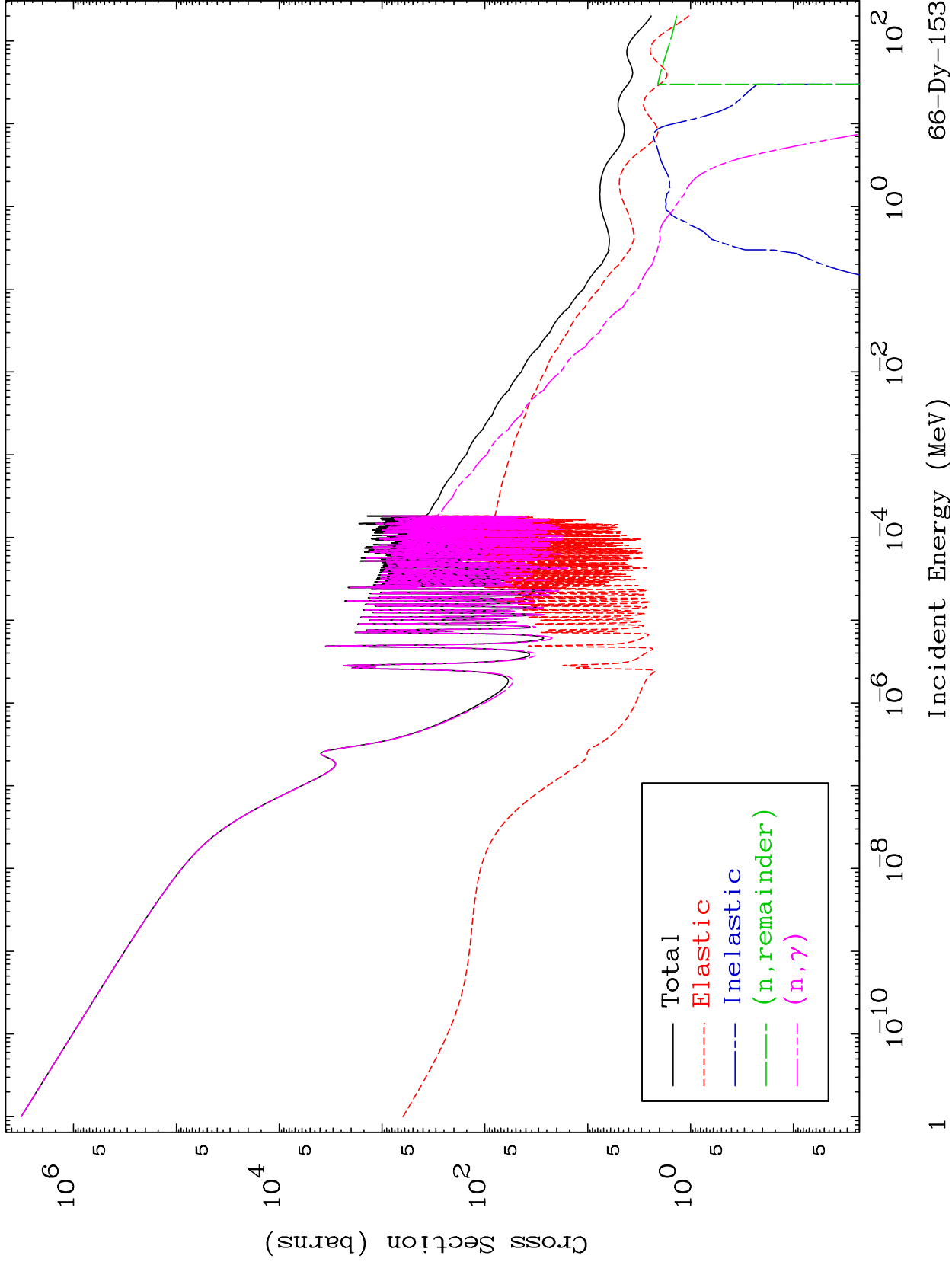
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6616

Major
293 Kelvin Cross Sections

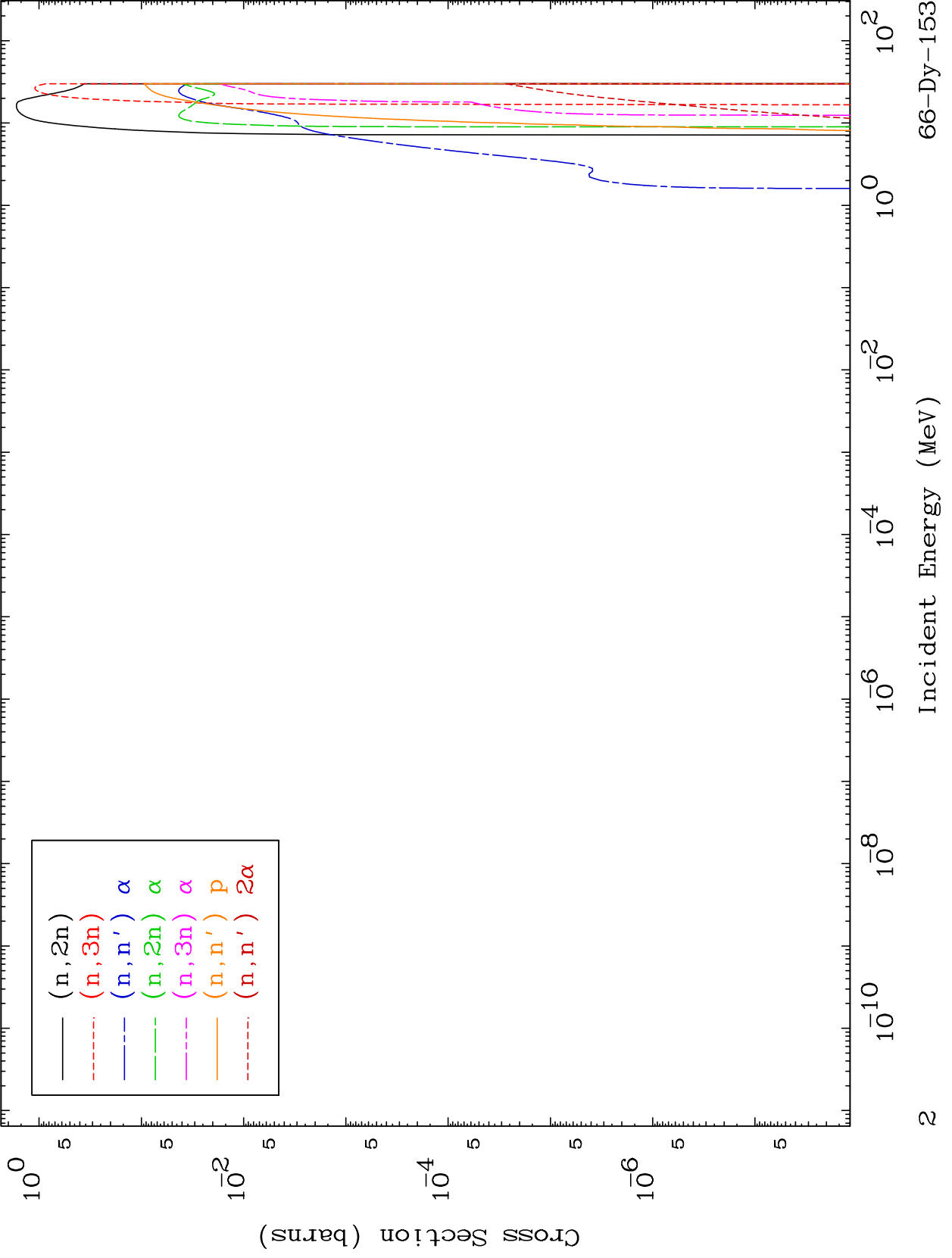
66-Dy-153



MAT 6616

Neutron Production
293 Kelvin Cross Sections

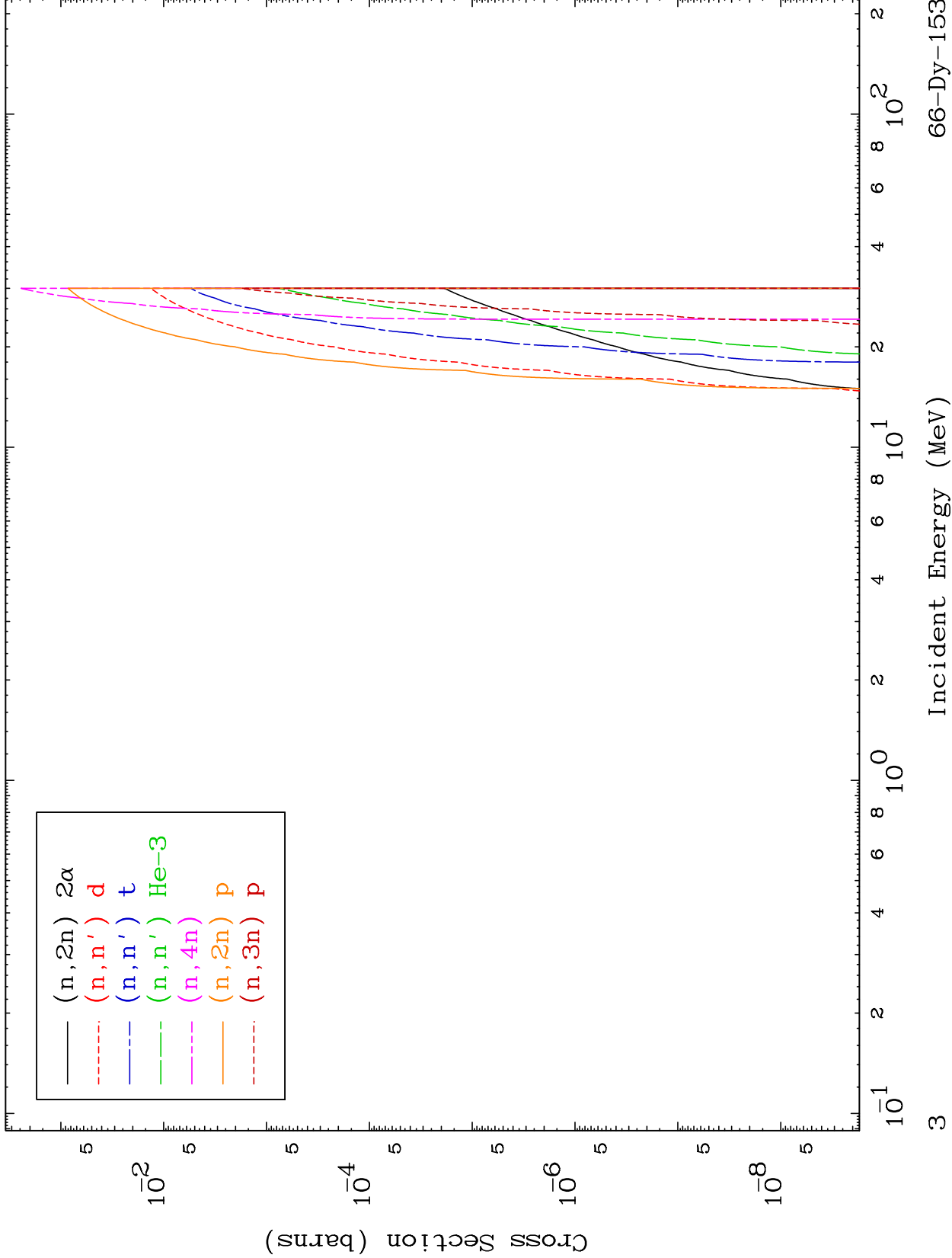
66-Dy-153



MAT 6616

Neutron Production
293 Kelvin Cross Sections

66-Dy-153



66-Dy-153

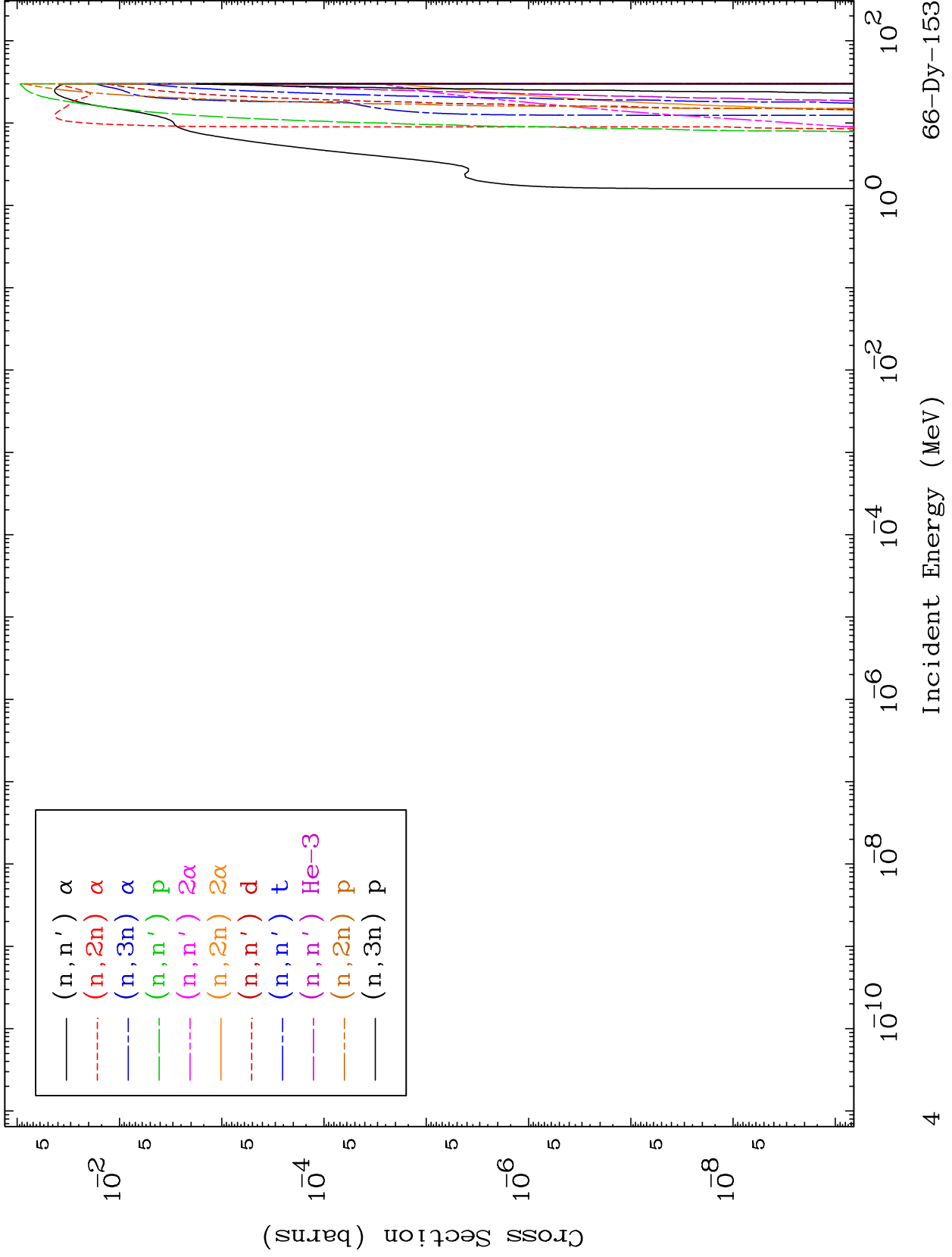
Incident Energy (MeV)

3

MAT 6616

Charged Particle
293 Kelvin Cross Sections

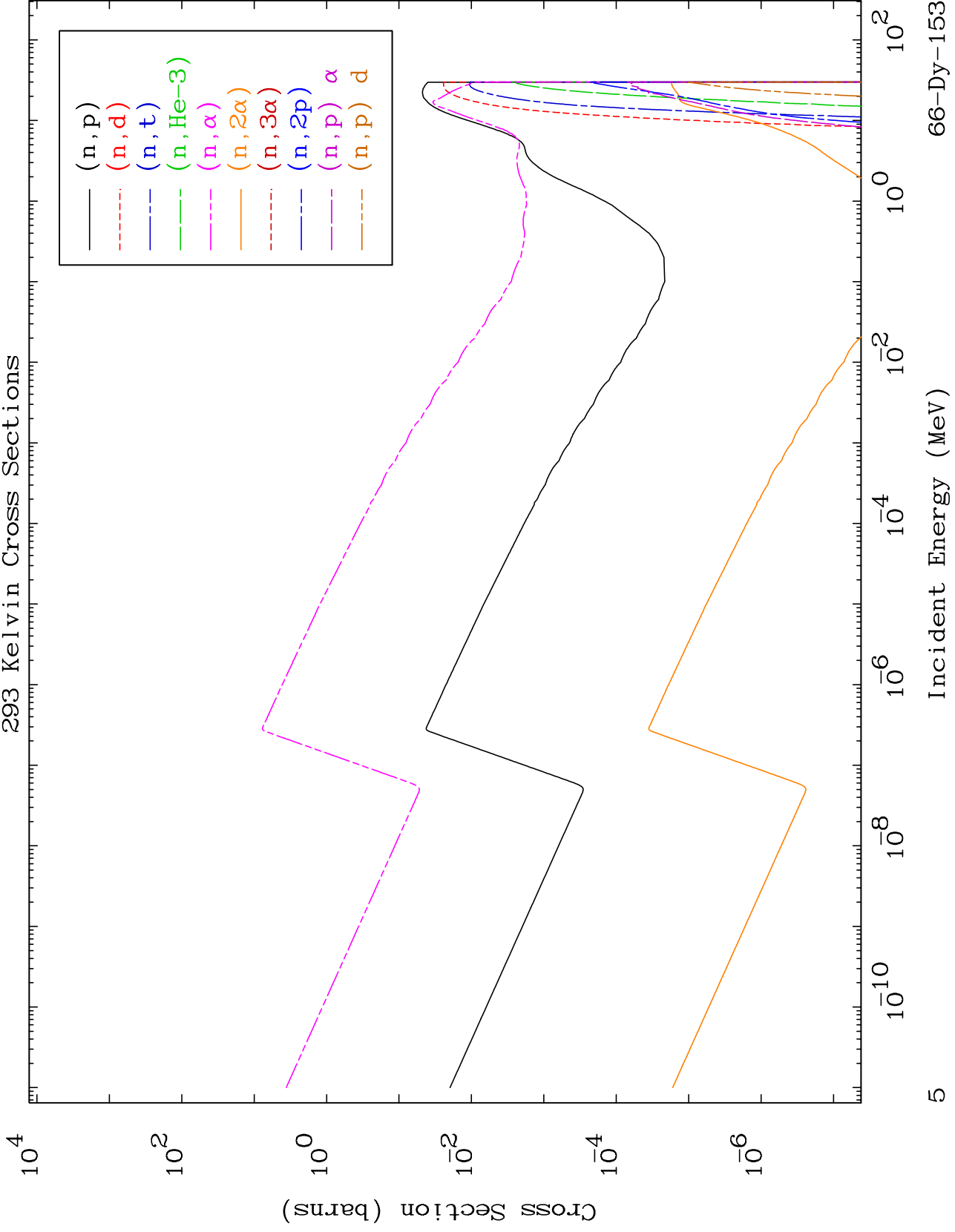
66-Dy-153

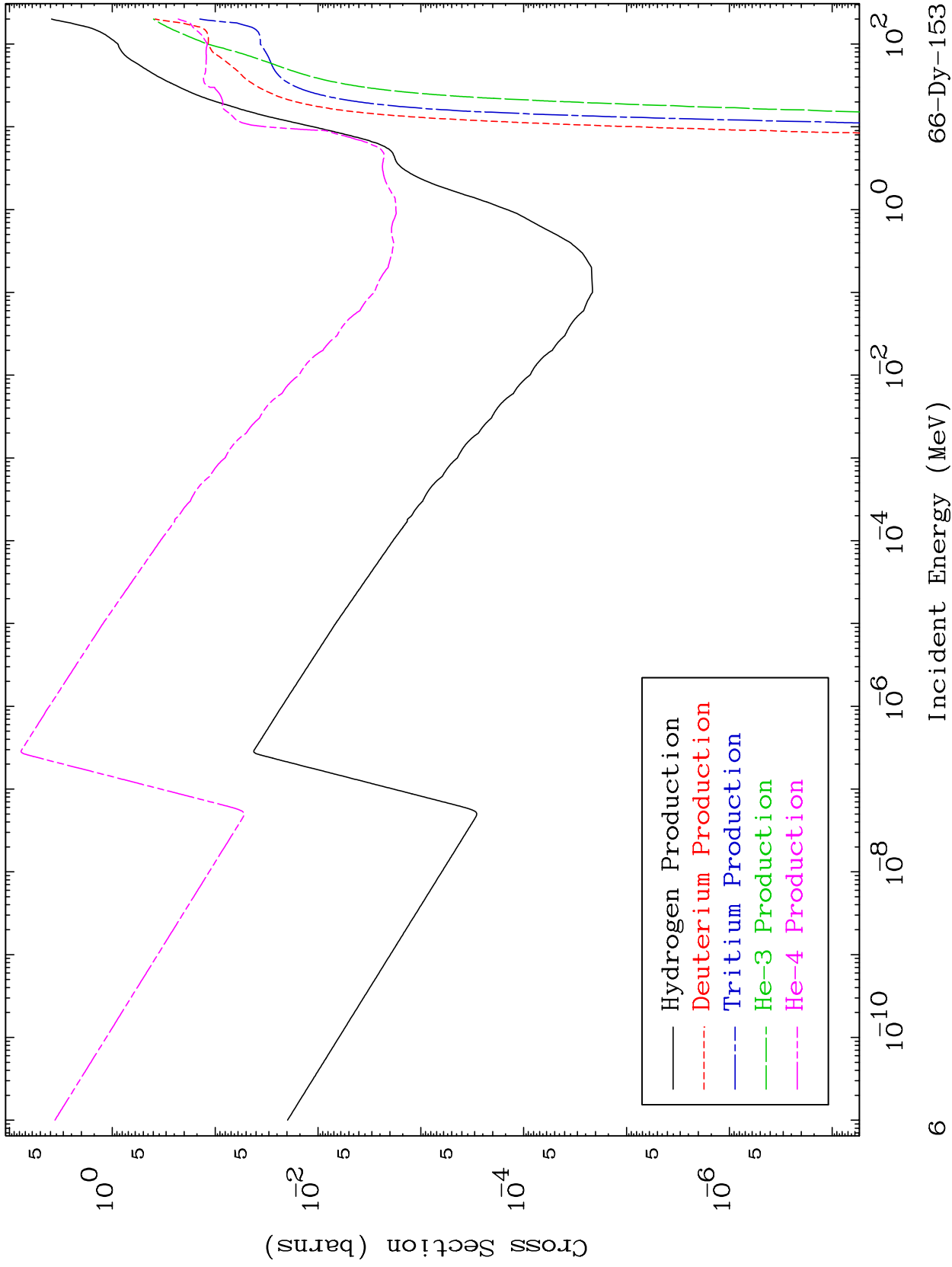


MAT 6616

Charged Particle
293 Kelvin Cross Sections

66-Dy-153

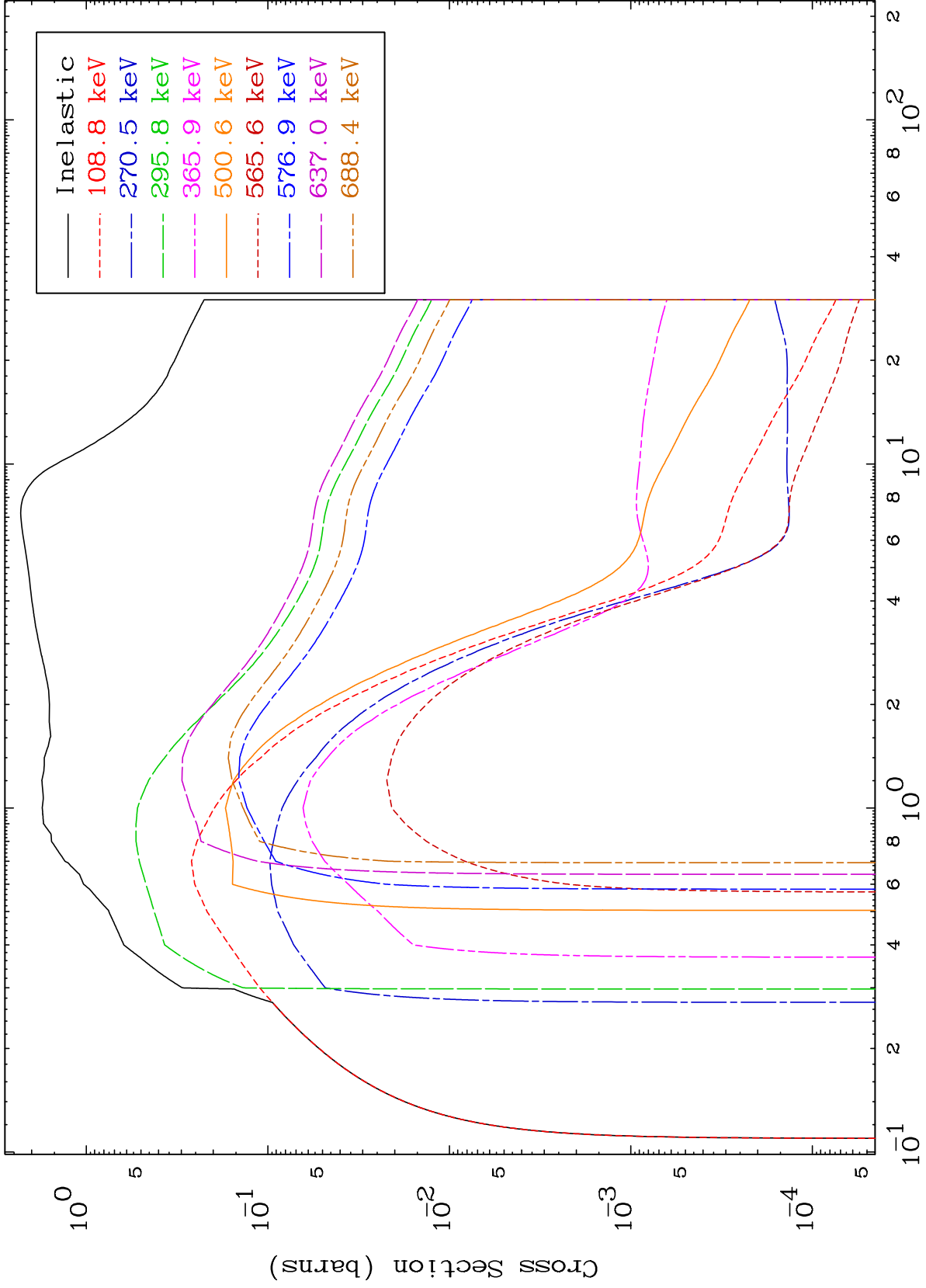




MAT 6616

(n,n') Level
293 Kelvin Cross Sections

66-Dy-153



Incident Energy (MeV)

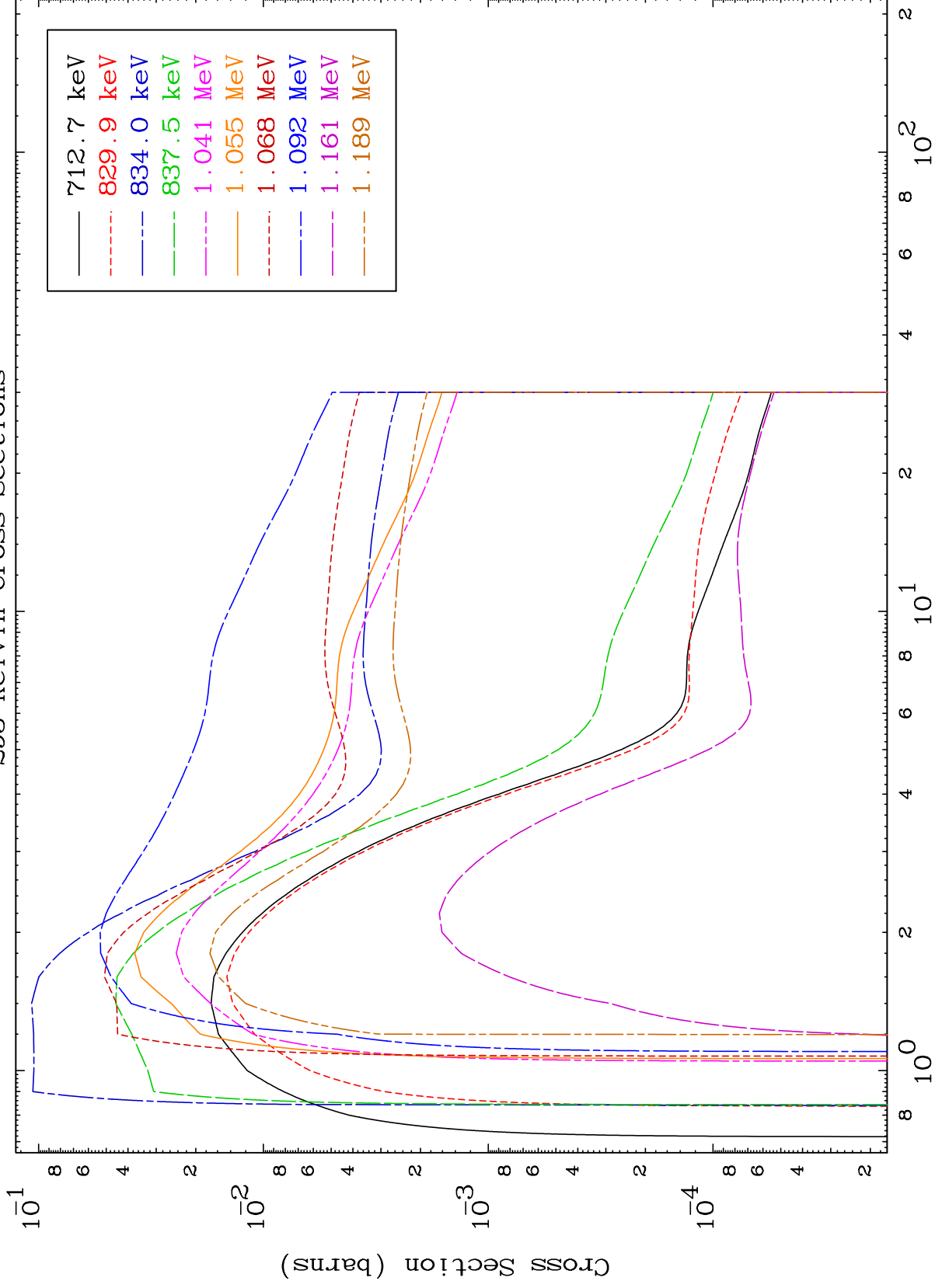
66-Dy-153

7

MAT 6616

(n,n') Level
293 Kelvin Cross Sections

66-Dy-153



8

Incident Energy (MeV)

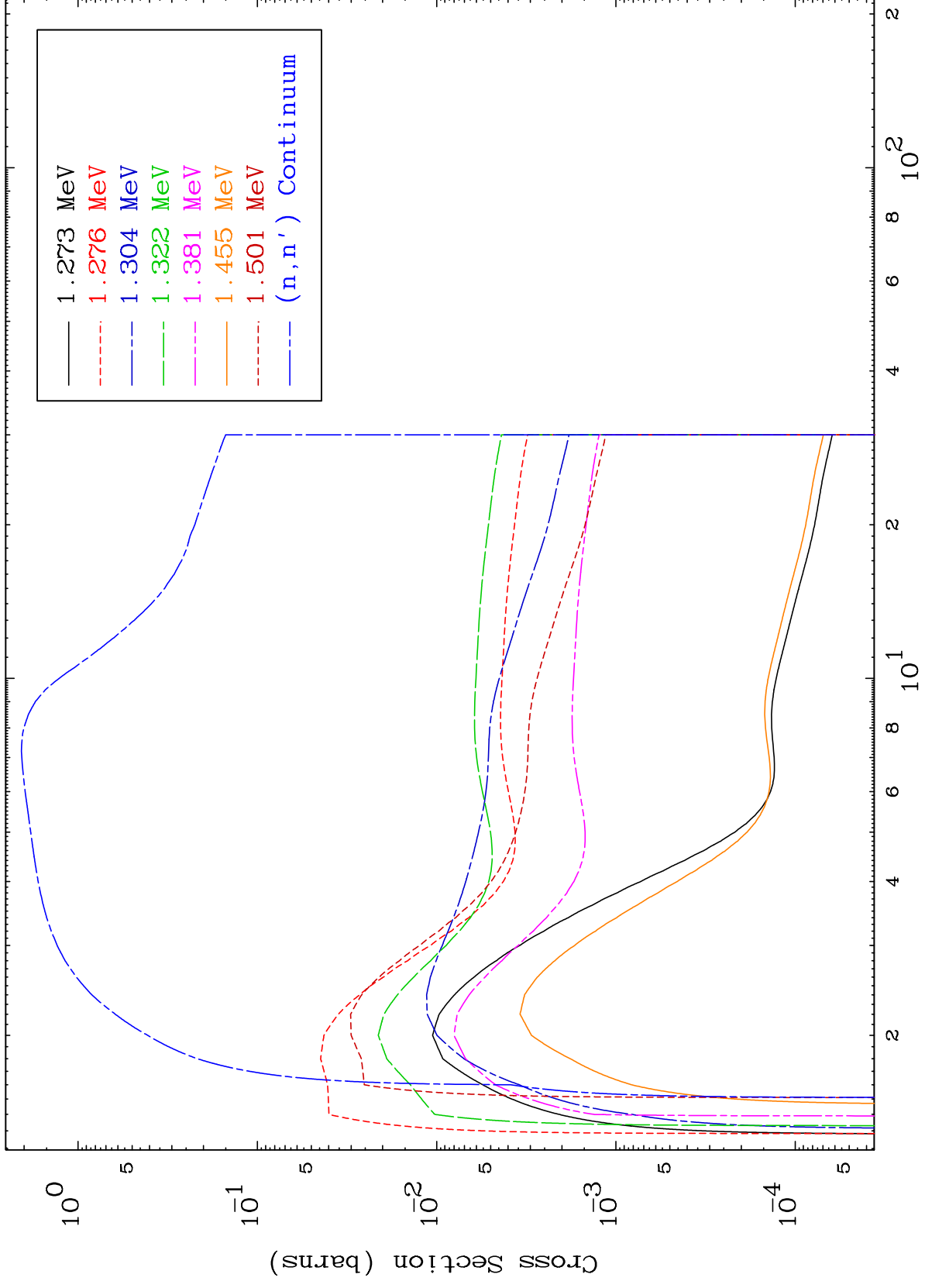
66-Dy-153

MAT 6616

(n,n') Level

66-Dy-153

293 Kelvin Cross Sections



9

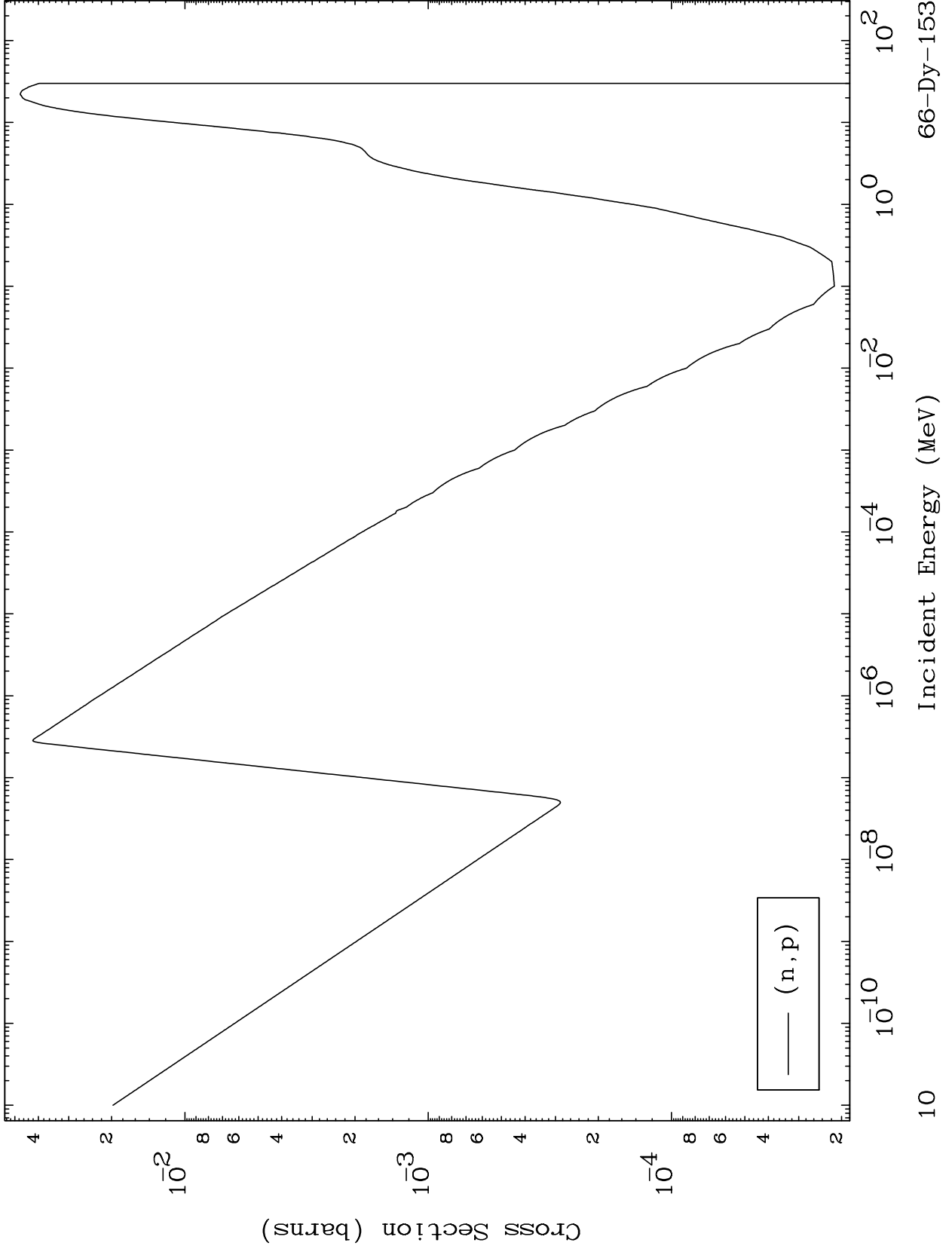
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,p) Levels
293 Kelvin Cross Sections

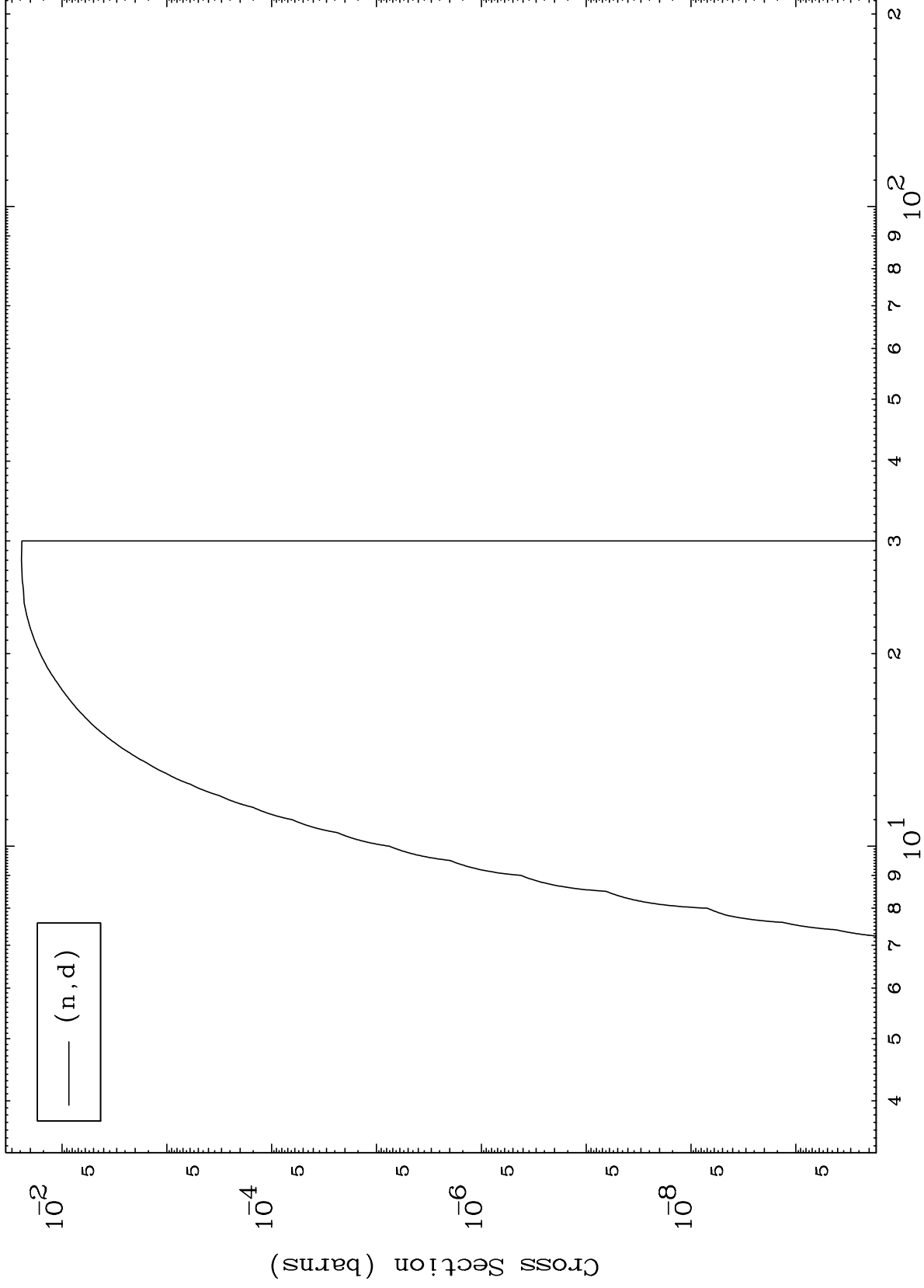
66-Dy-153



MAT 6616

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-153



11

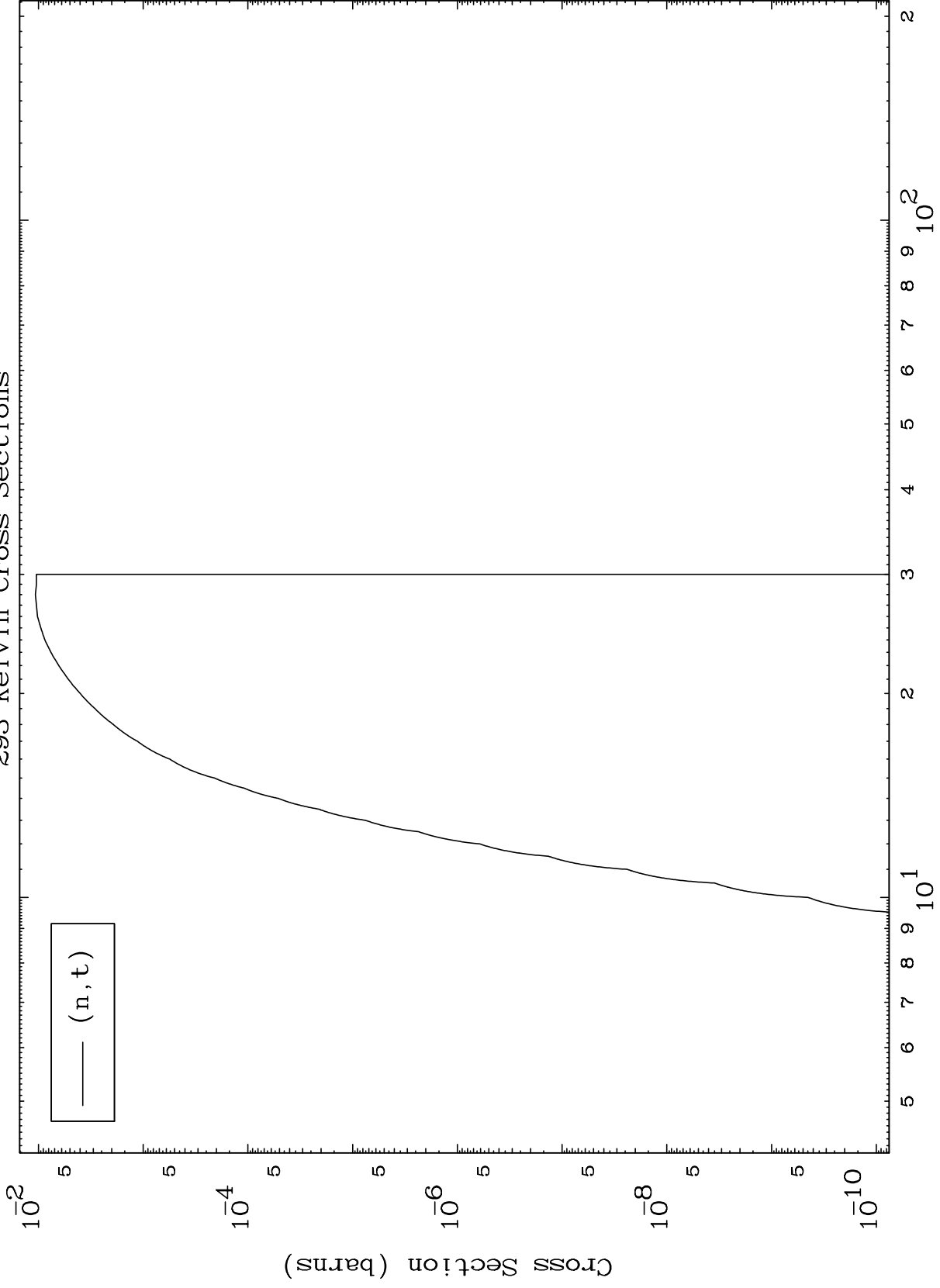
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-153



12

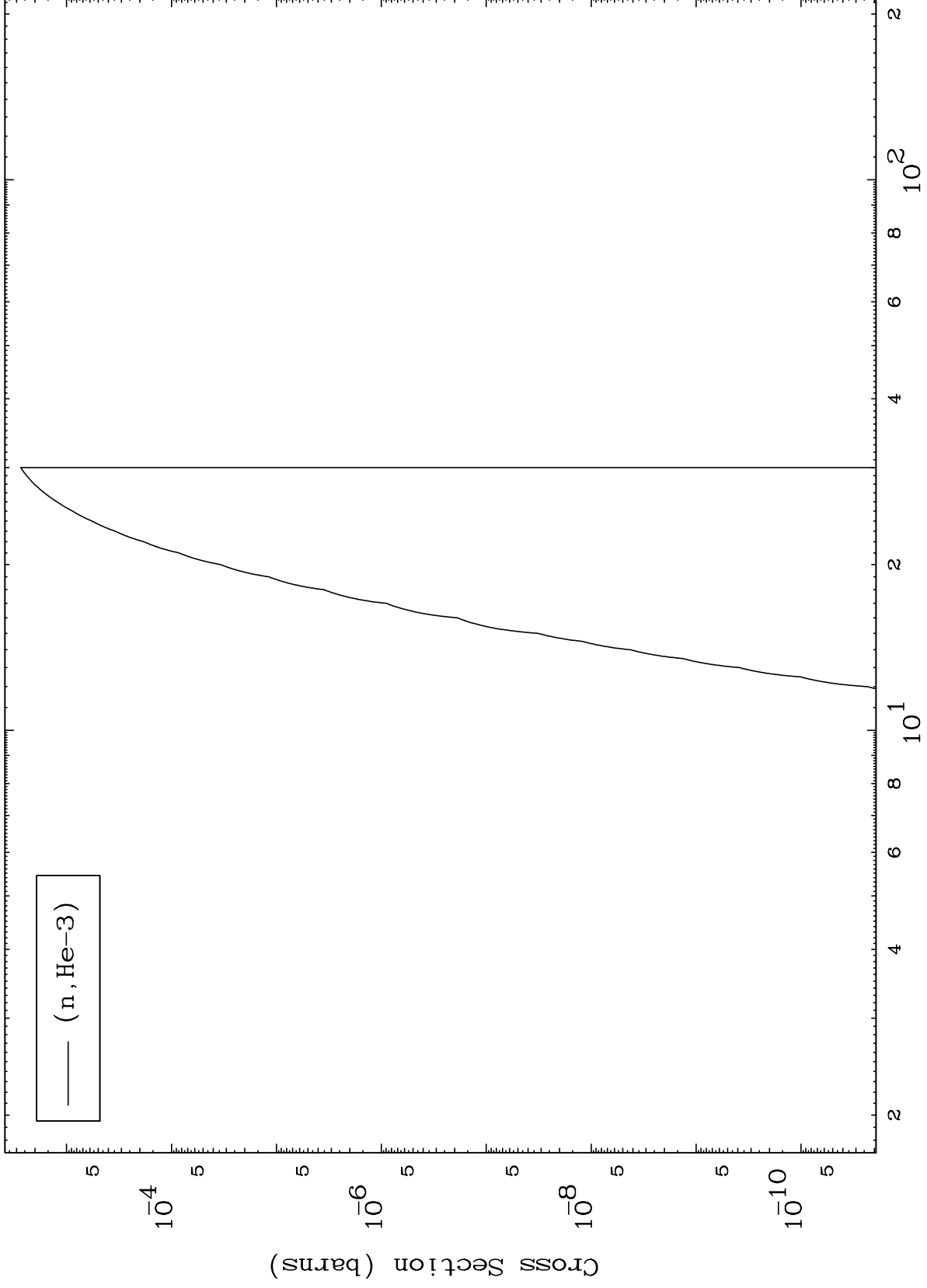
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-153



13

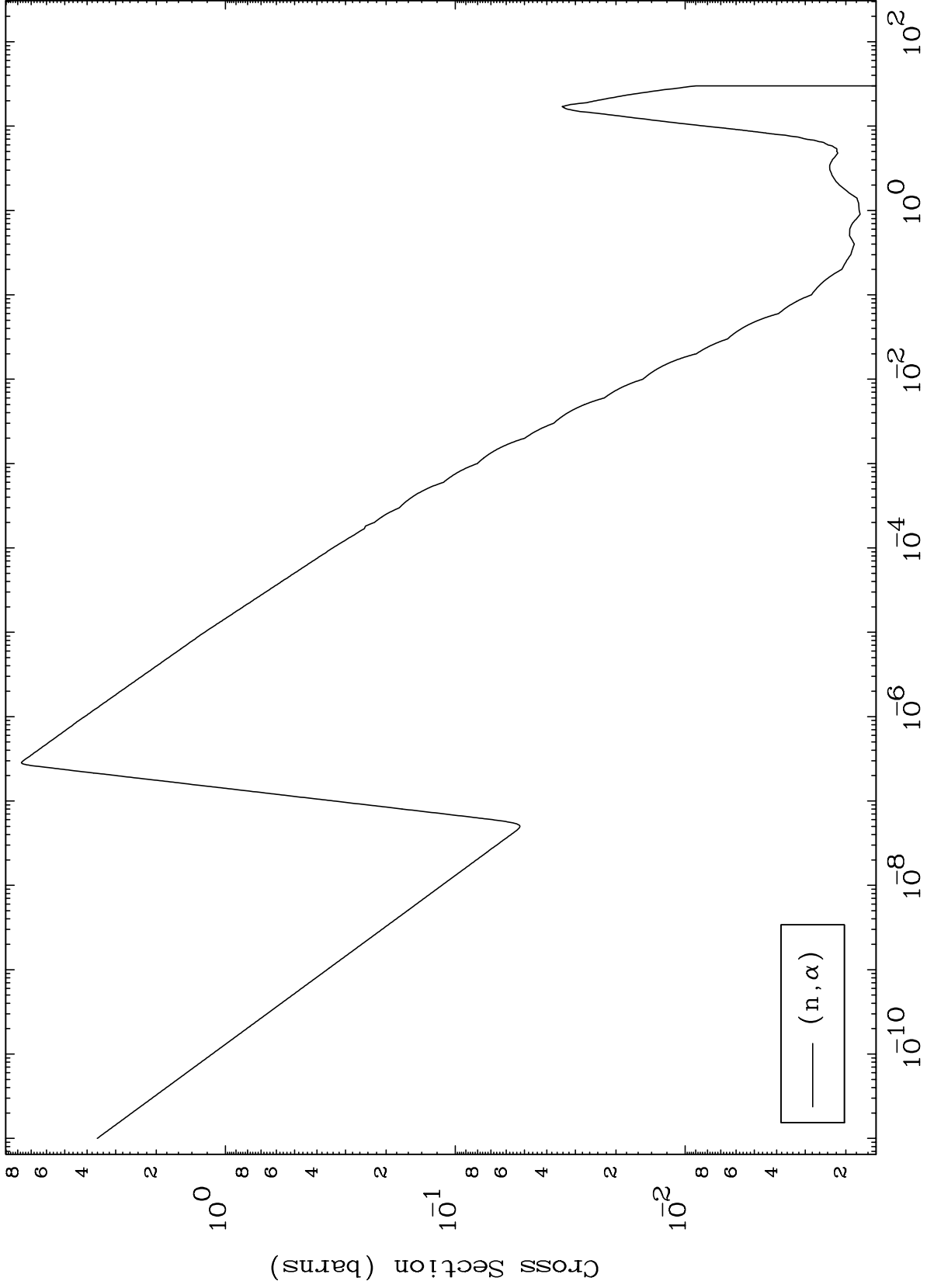
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,α) Levels
293 Kelvin Cross Sections

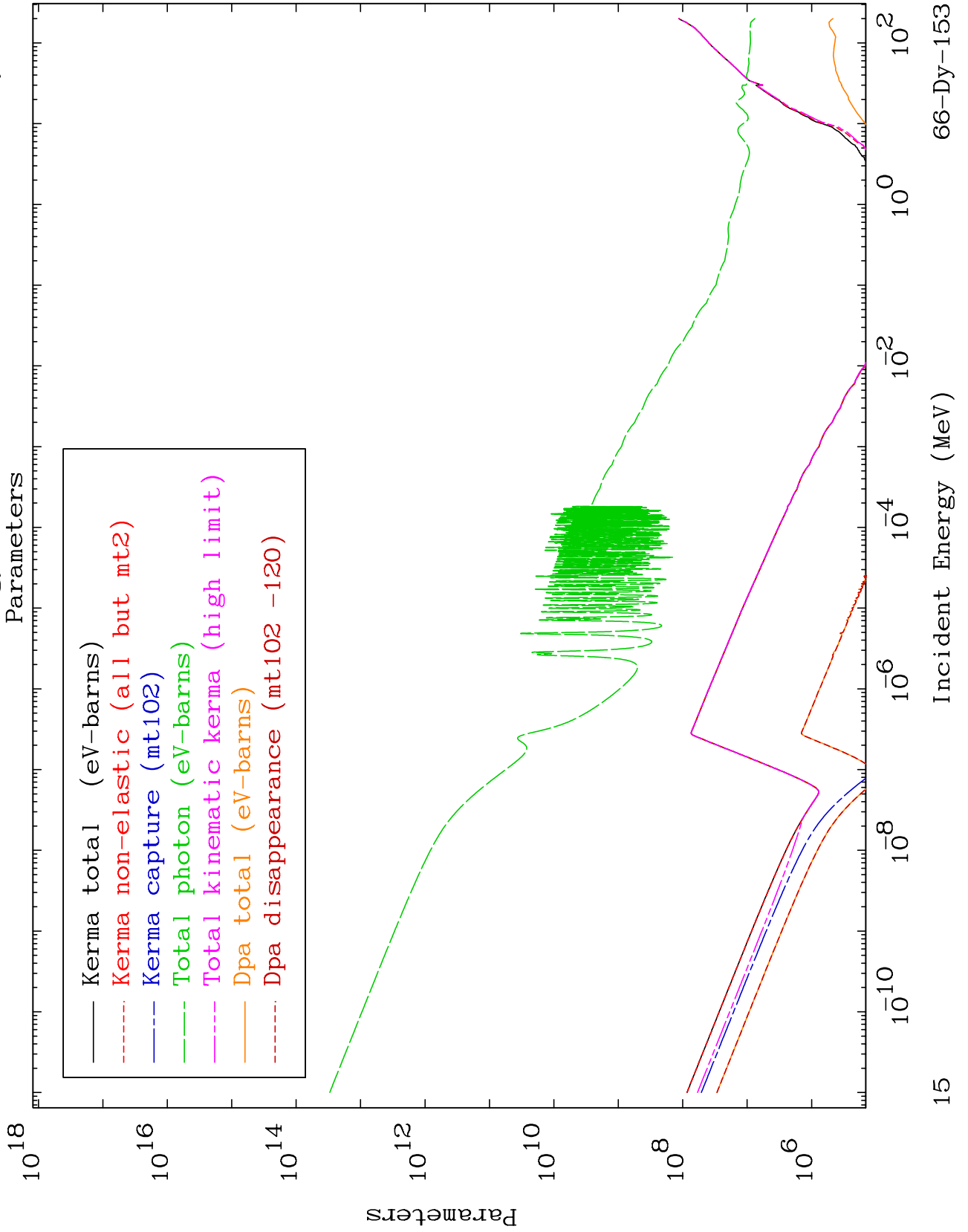
66-Dy-153



14

Incident Energy (MeV)

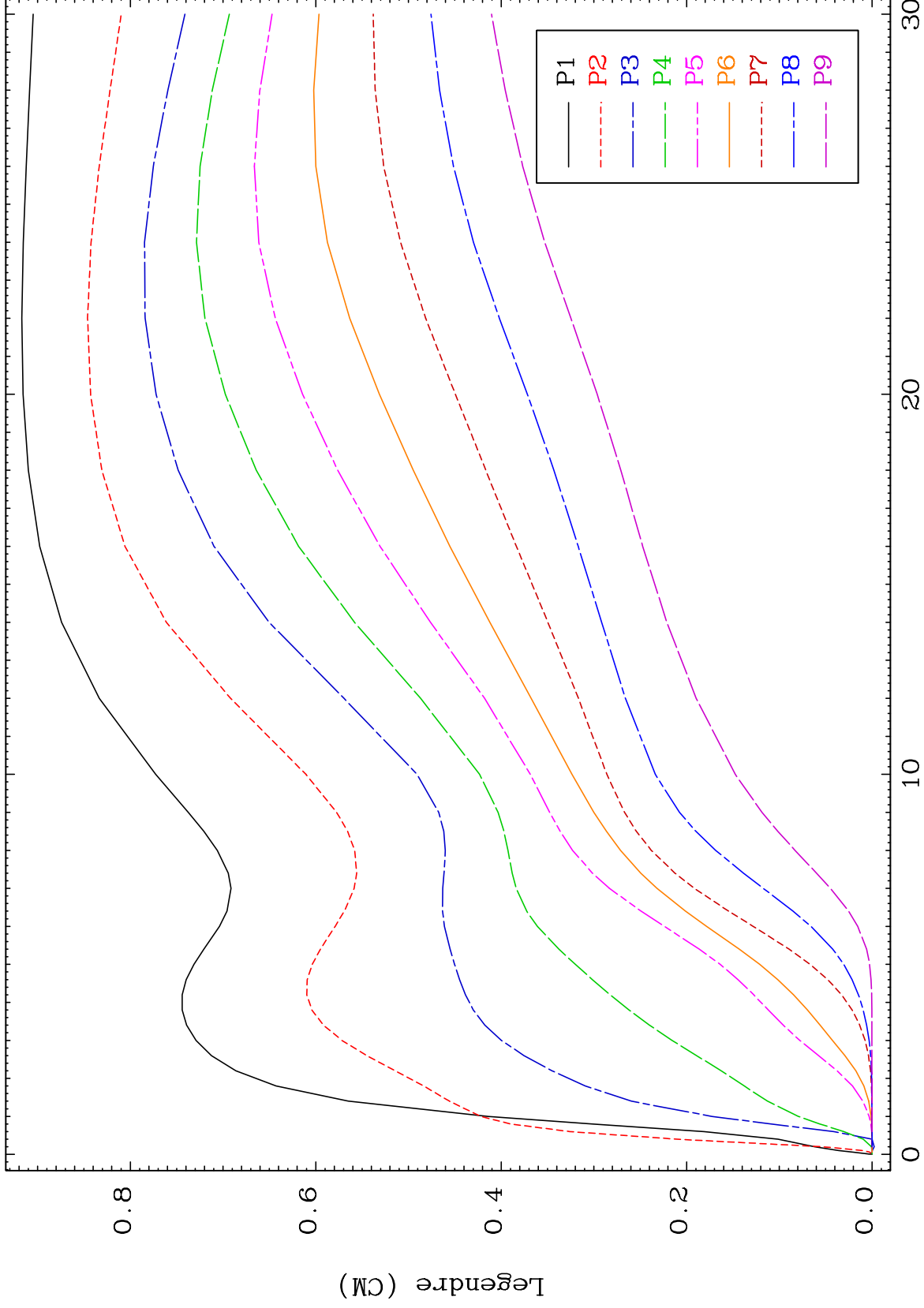
66-Dy-153



MAT 6616

Elastic Legendre Coefficients

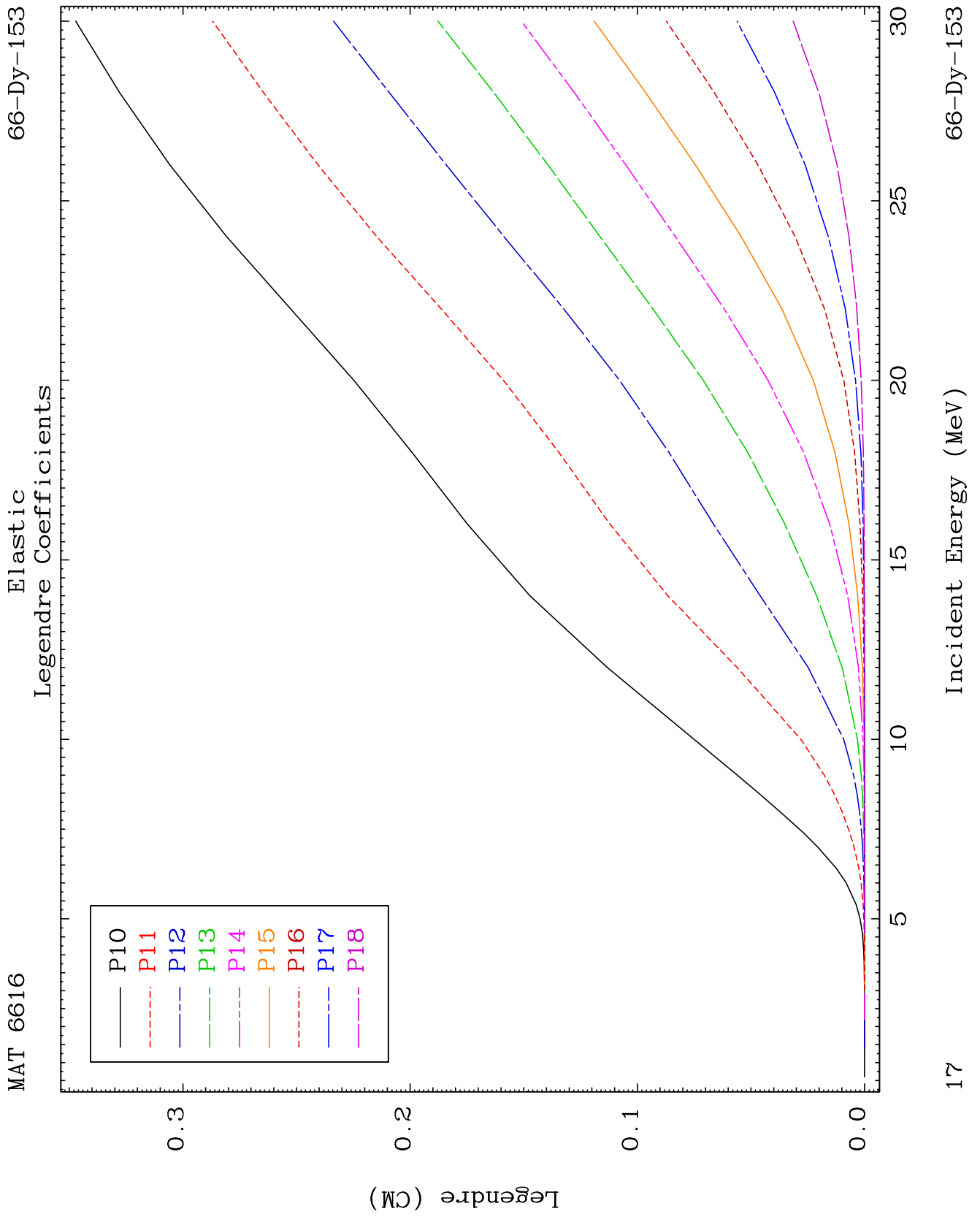
66-Dy-153



16

Incident Energy (MeV)

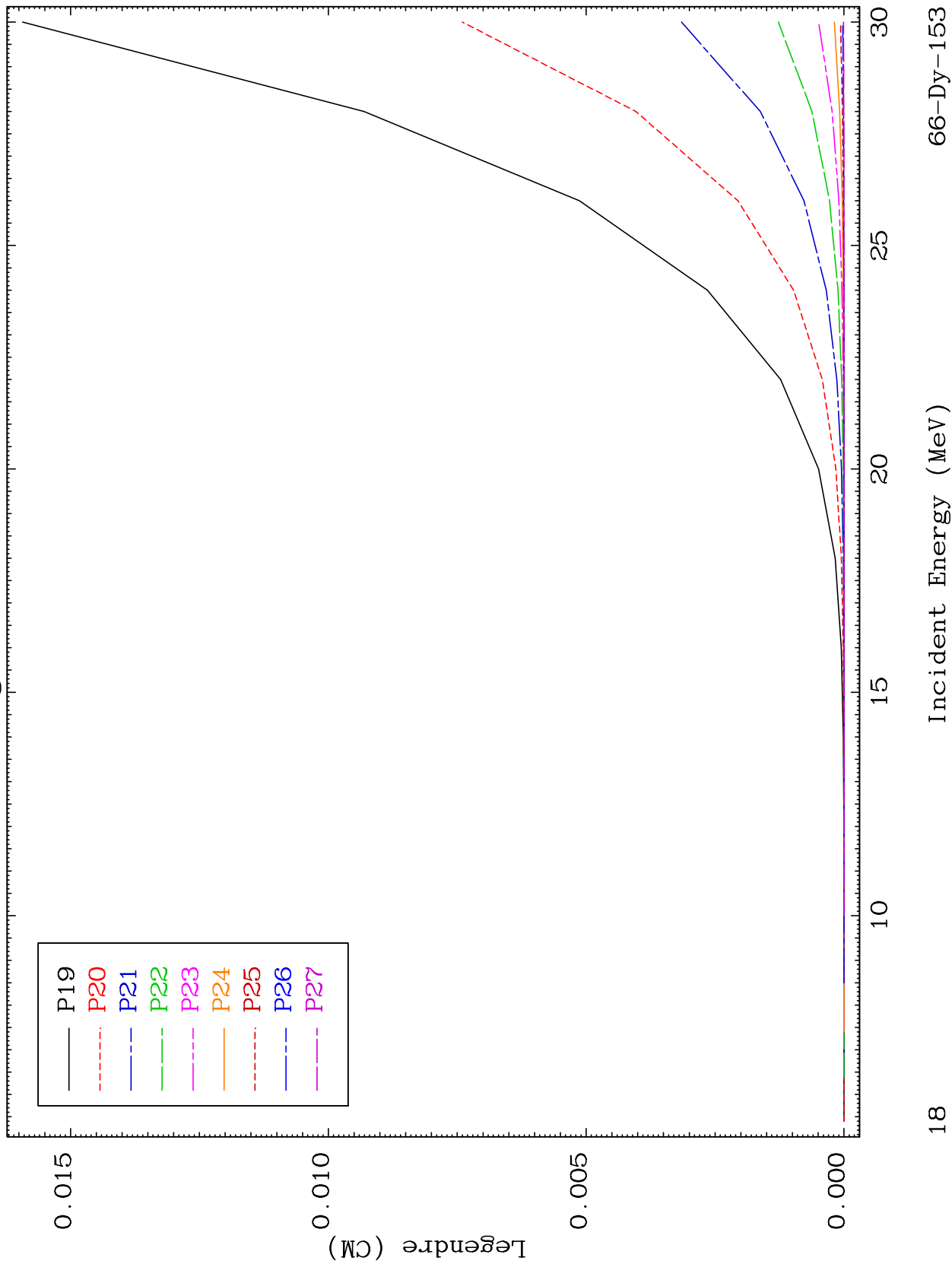
66-Dy-153



MAT 6616

Elastic Legendre Coefficients

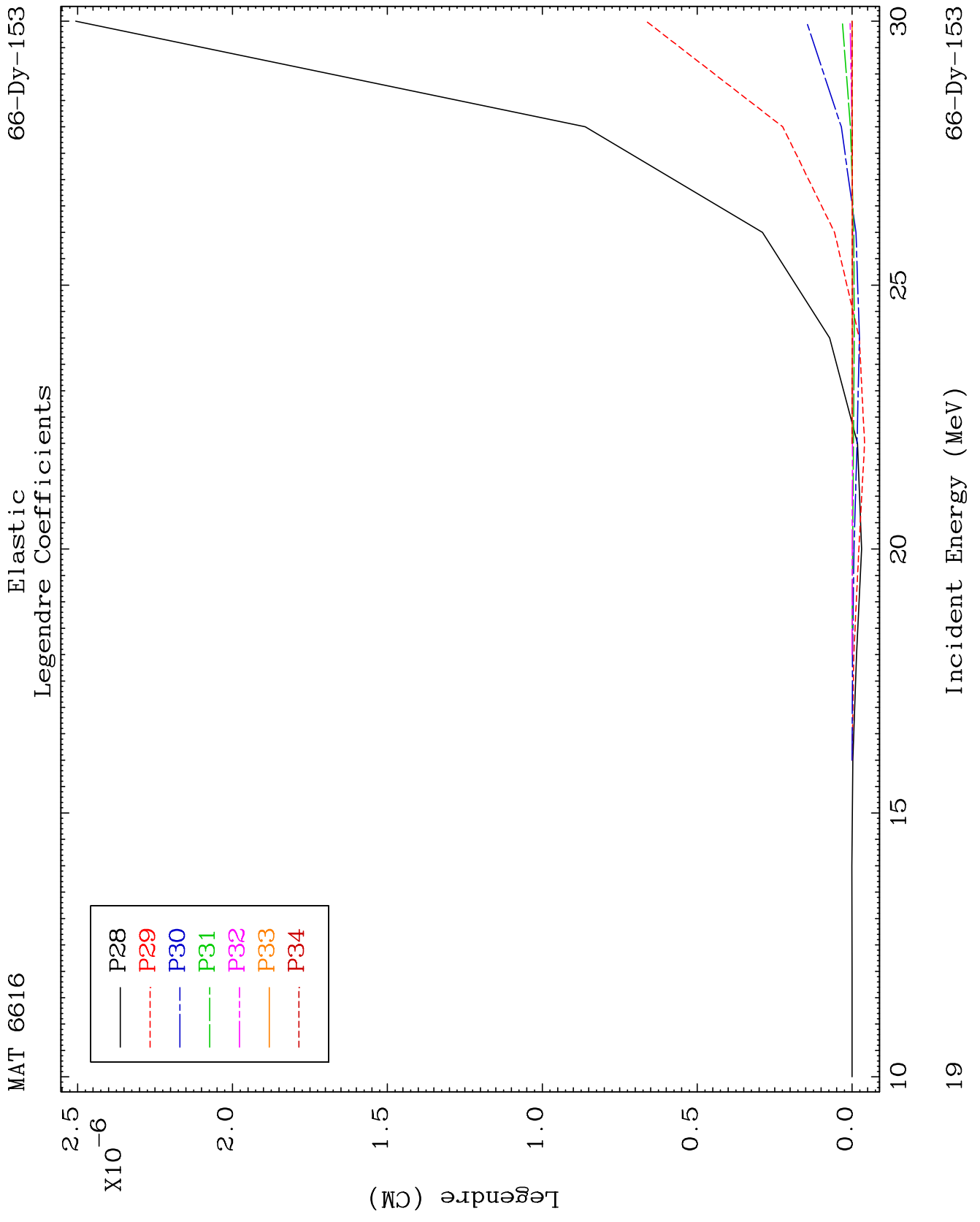
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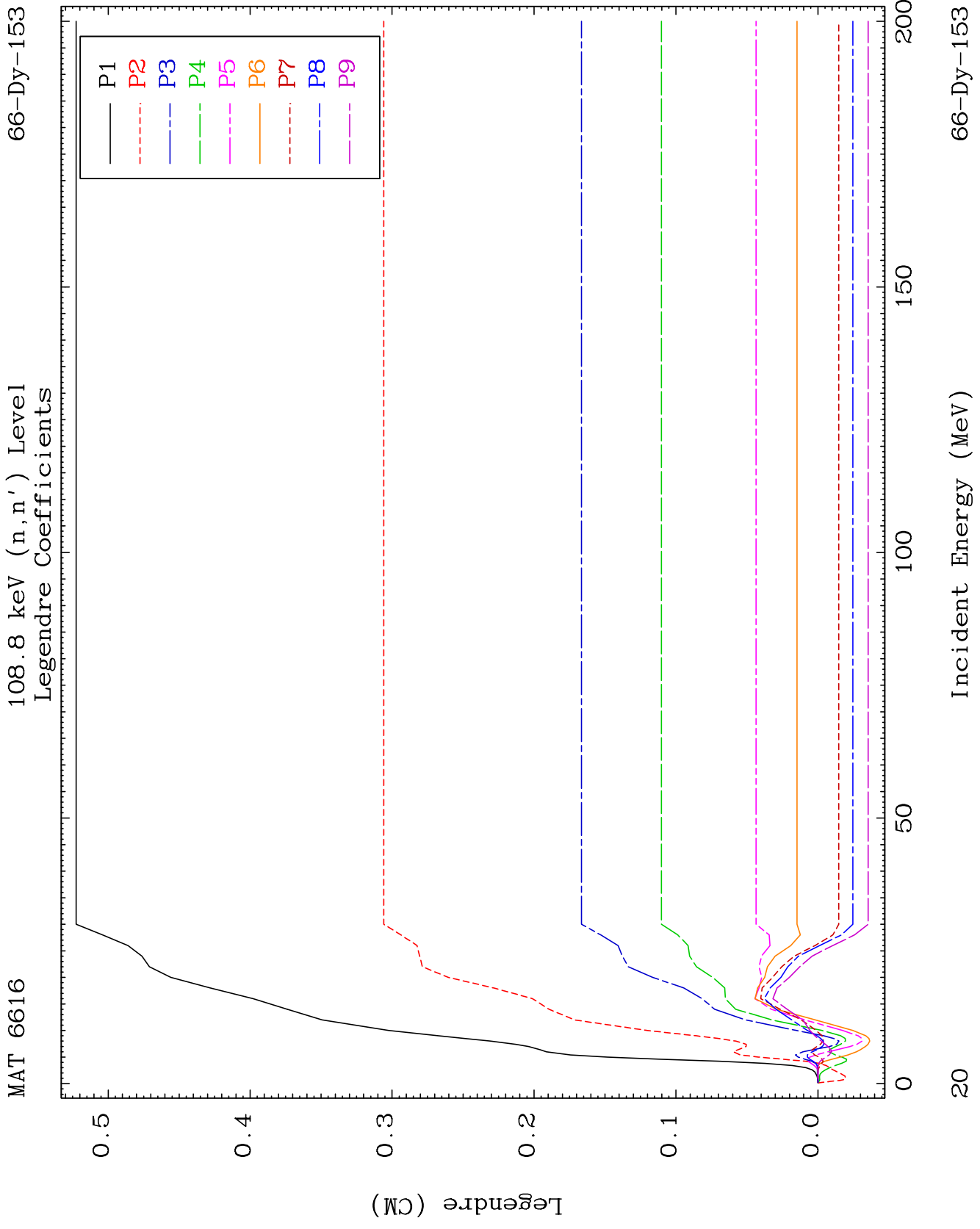


18

Incident Energy (MeV)

66-Dy-153

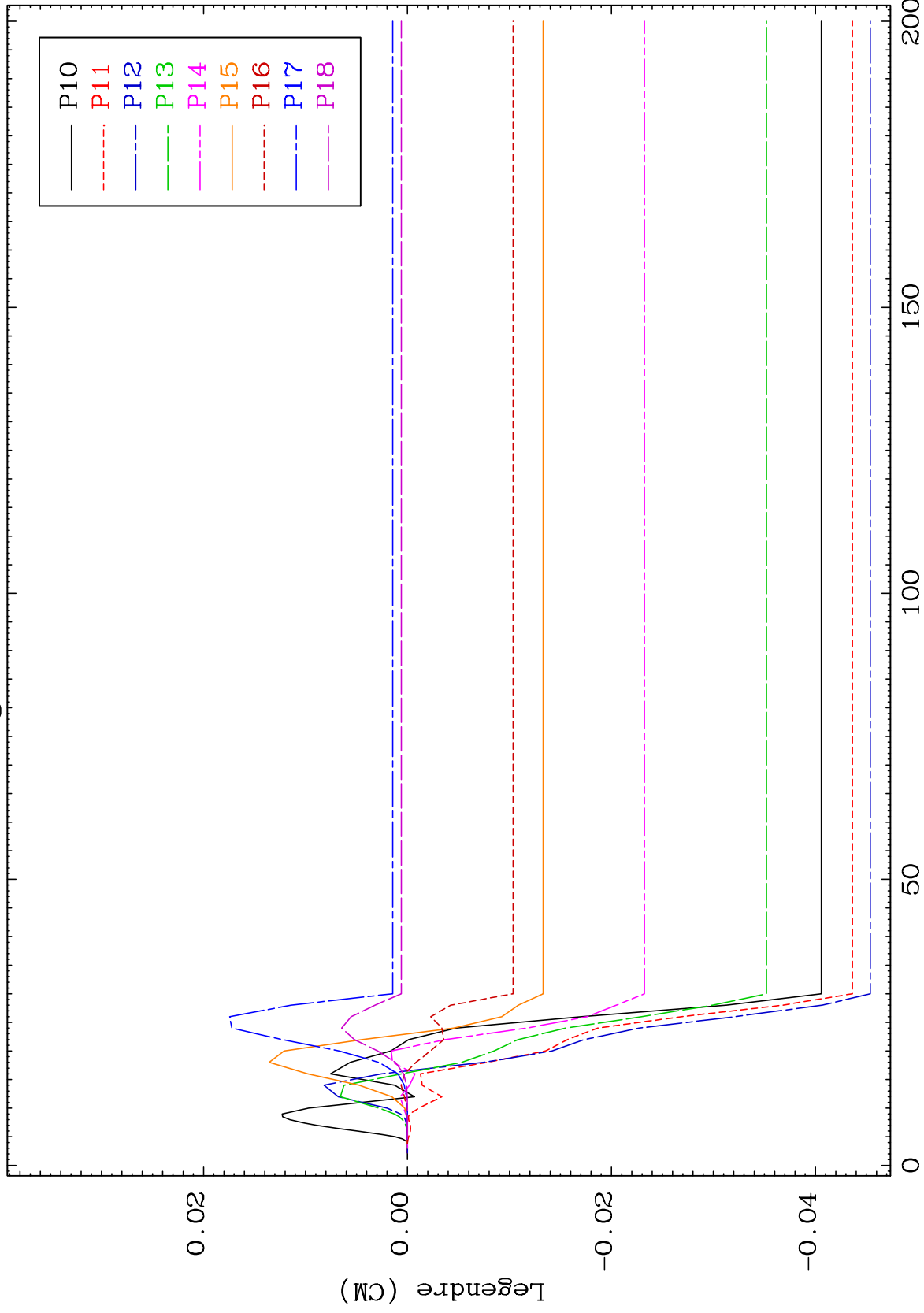




MAT 6616

108.8 keV (n,n') Level
Legendre Coefficients

66-Dy-153



21

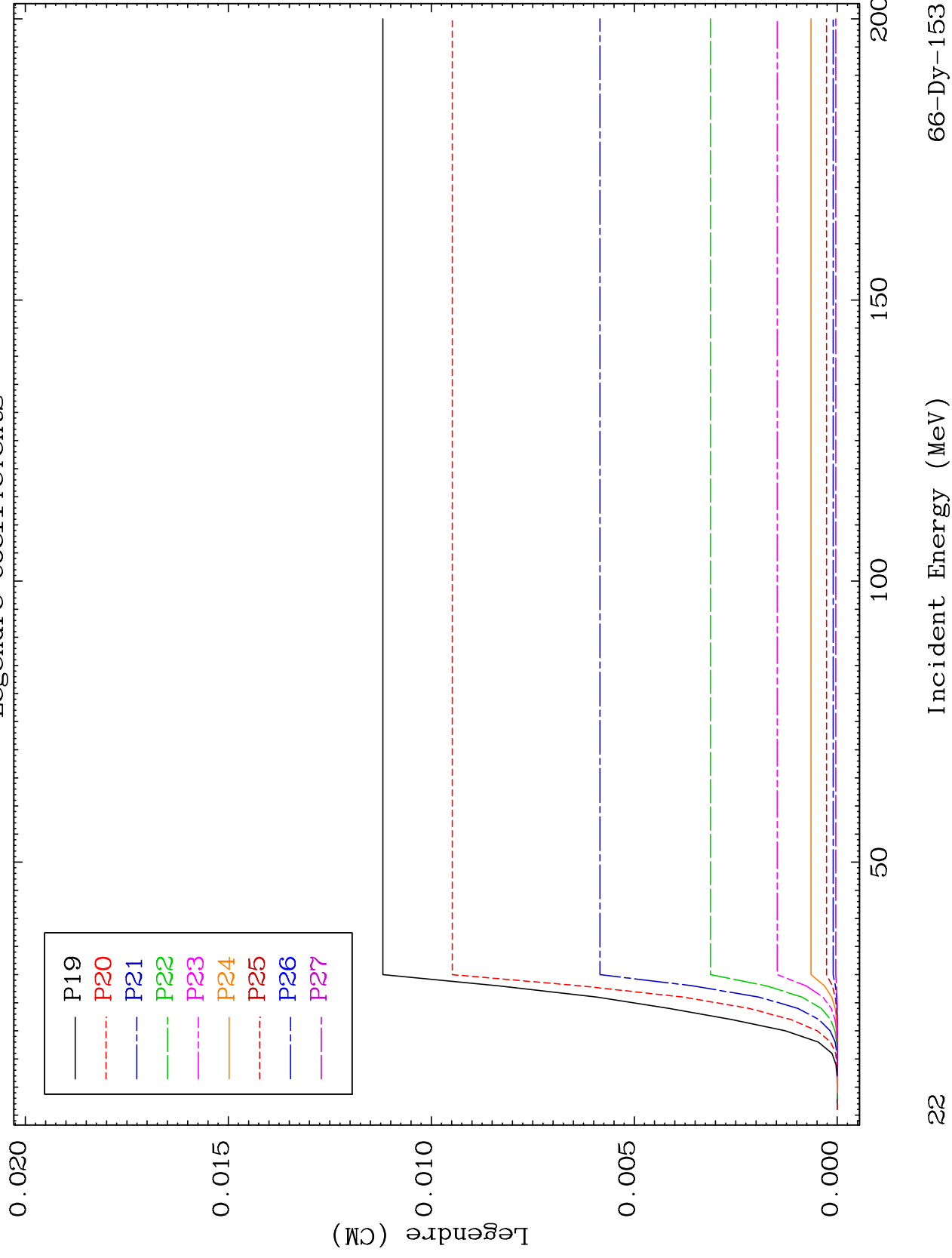
Incident Energy (MeV)

66-Dy-153

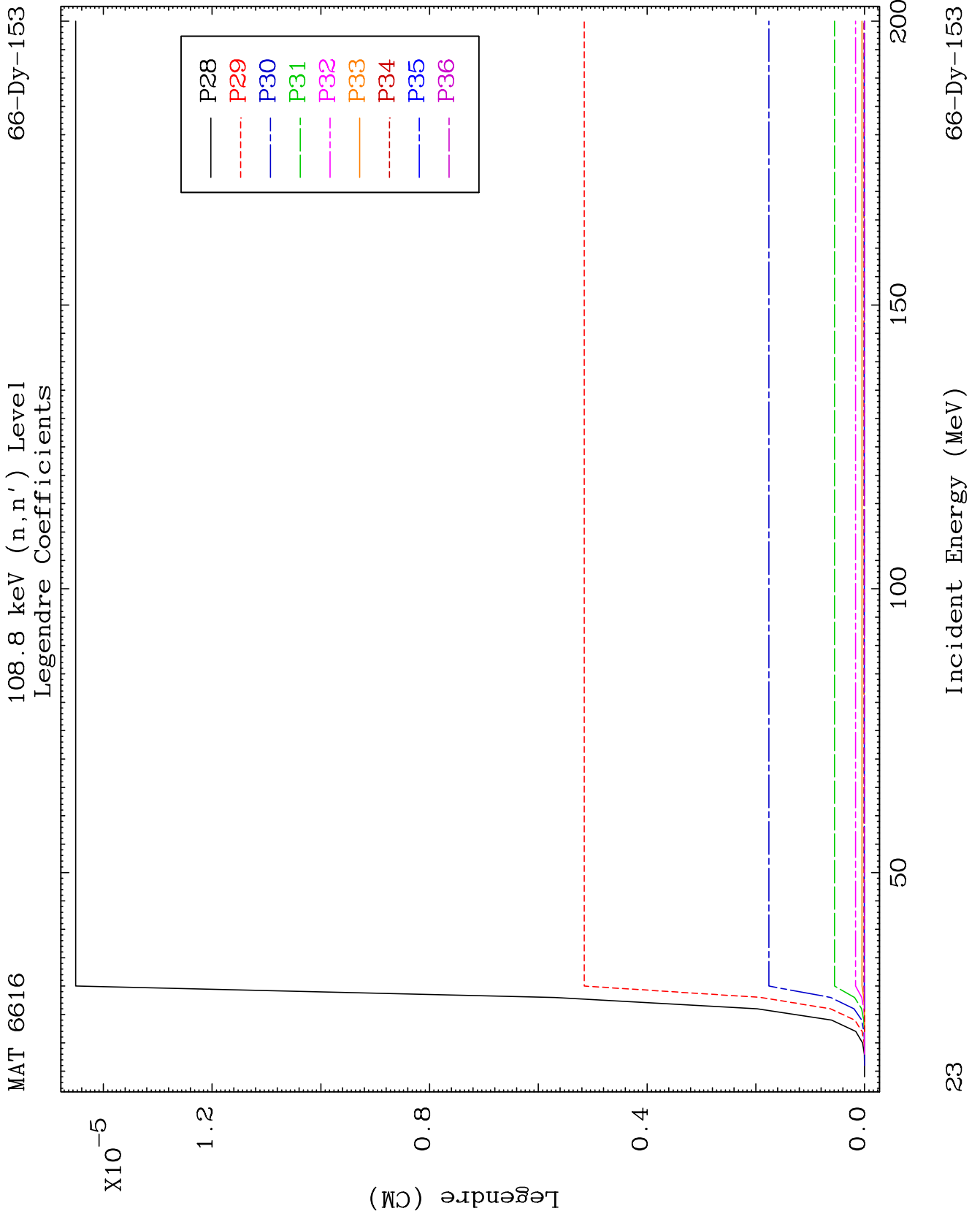
MAT 6616

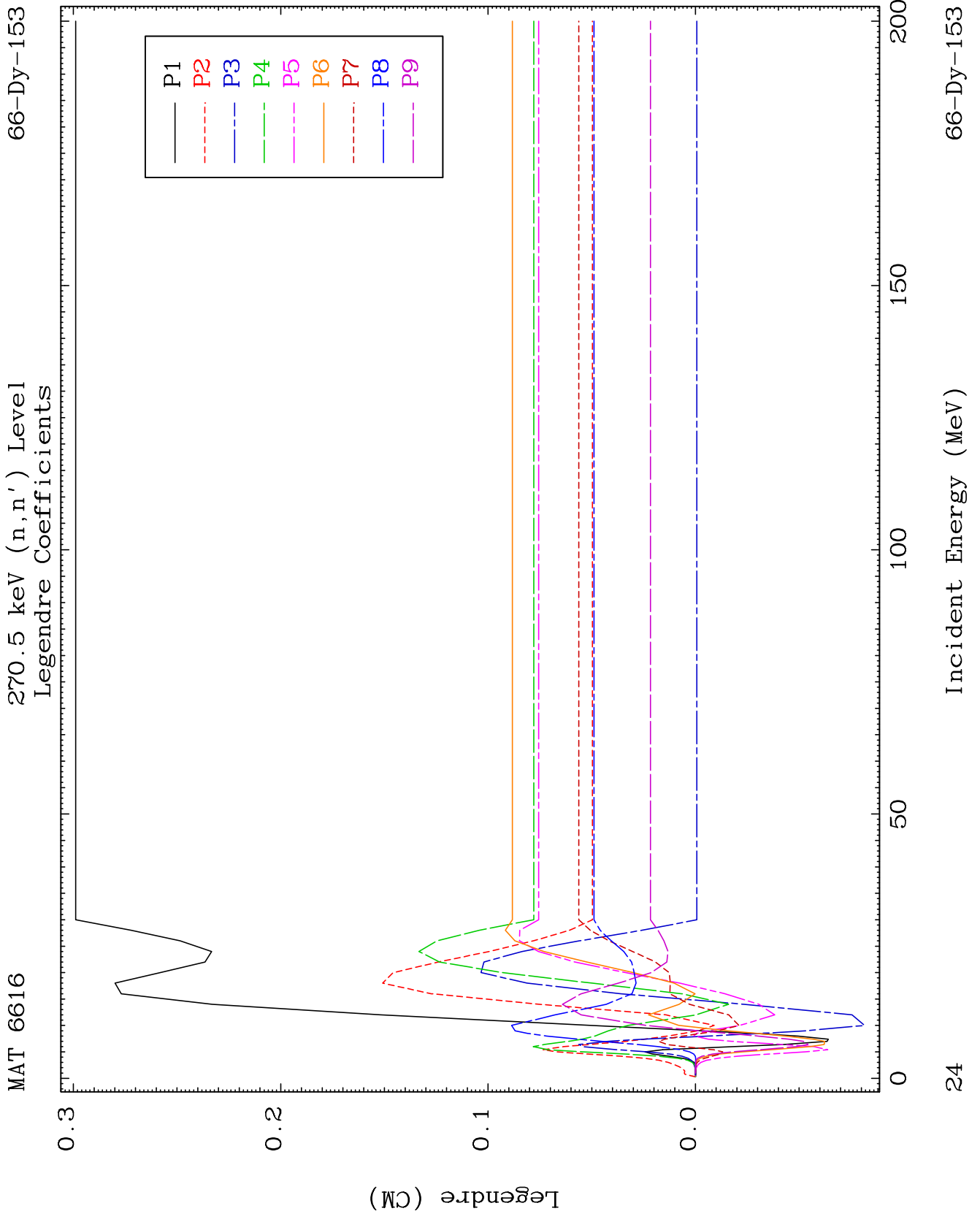
108.8 keV (n,n') Level
Legendre Coefficients

66-Dy-153



22

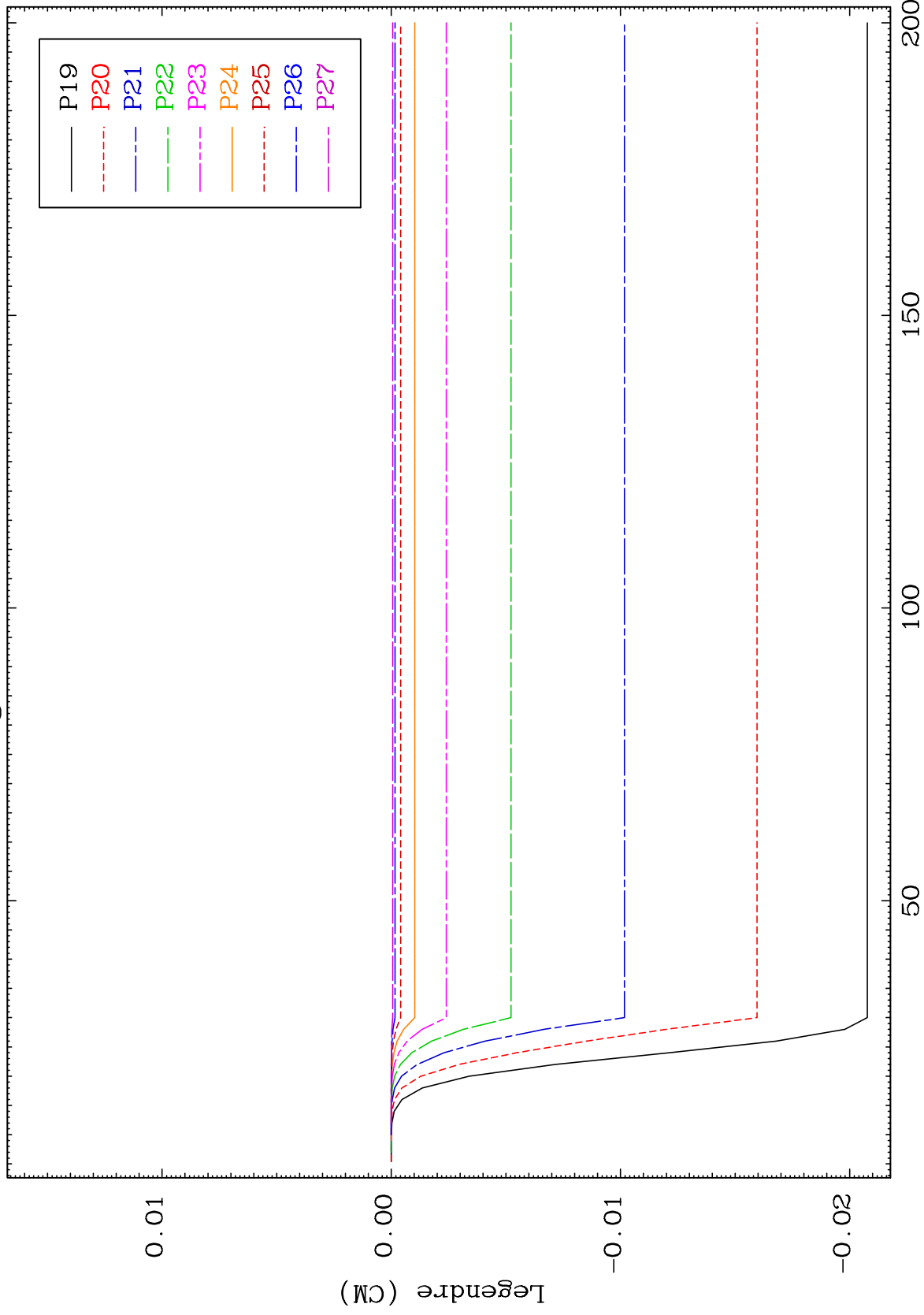




MAT 6616

270.5 keV (n,n') Level
Legendre Coefficients

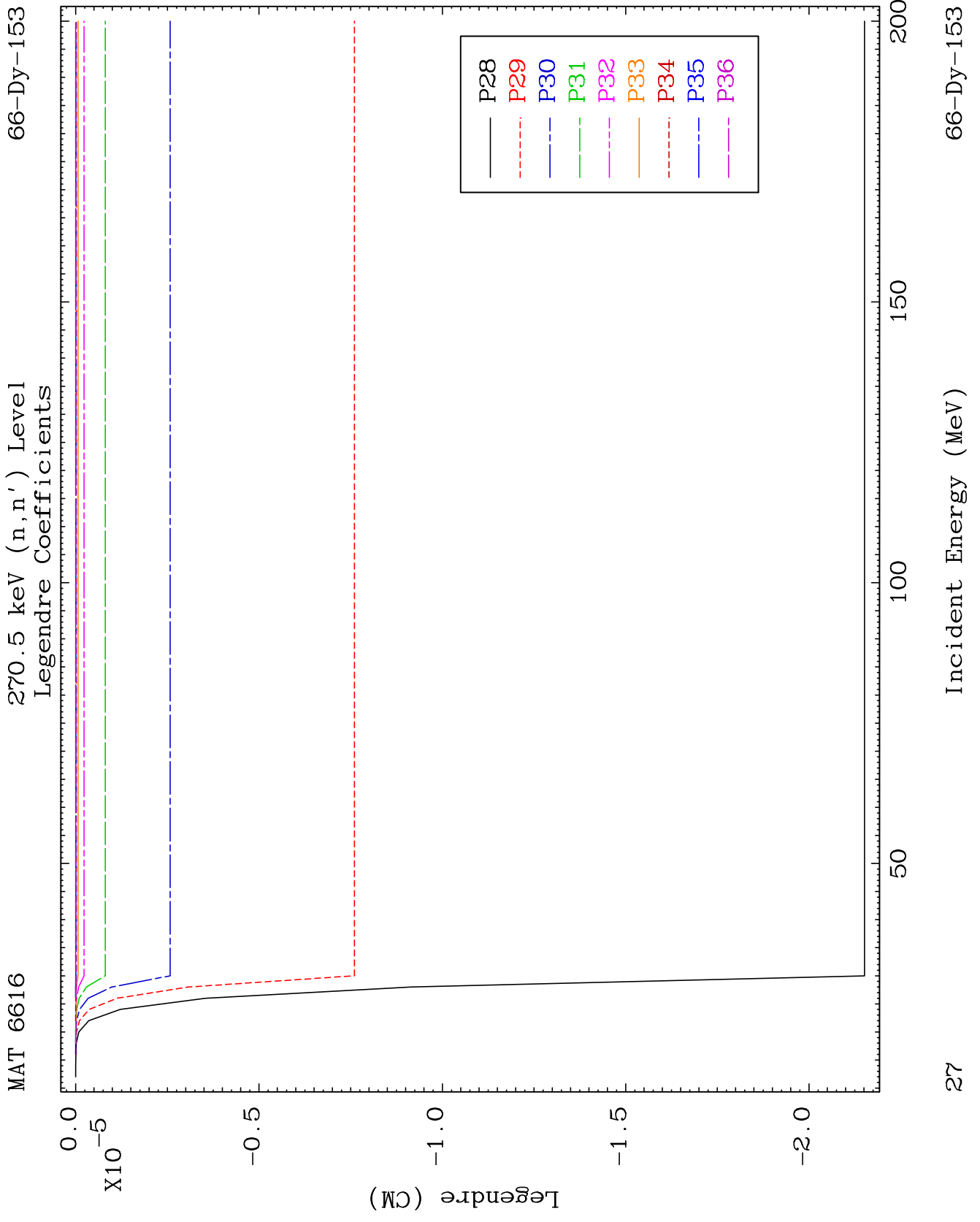
66-Dy-153



26

Incident Energy (MeV)

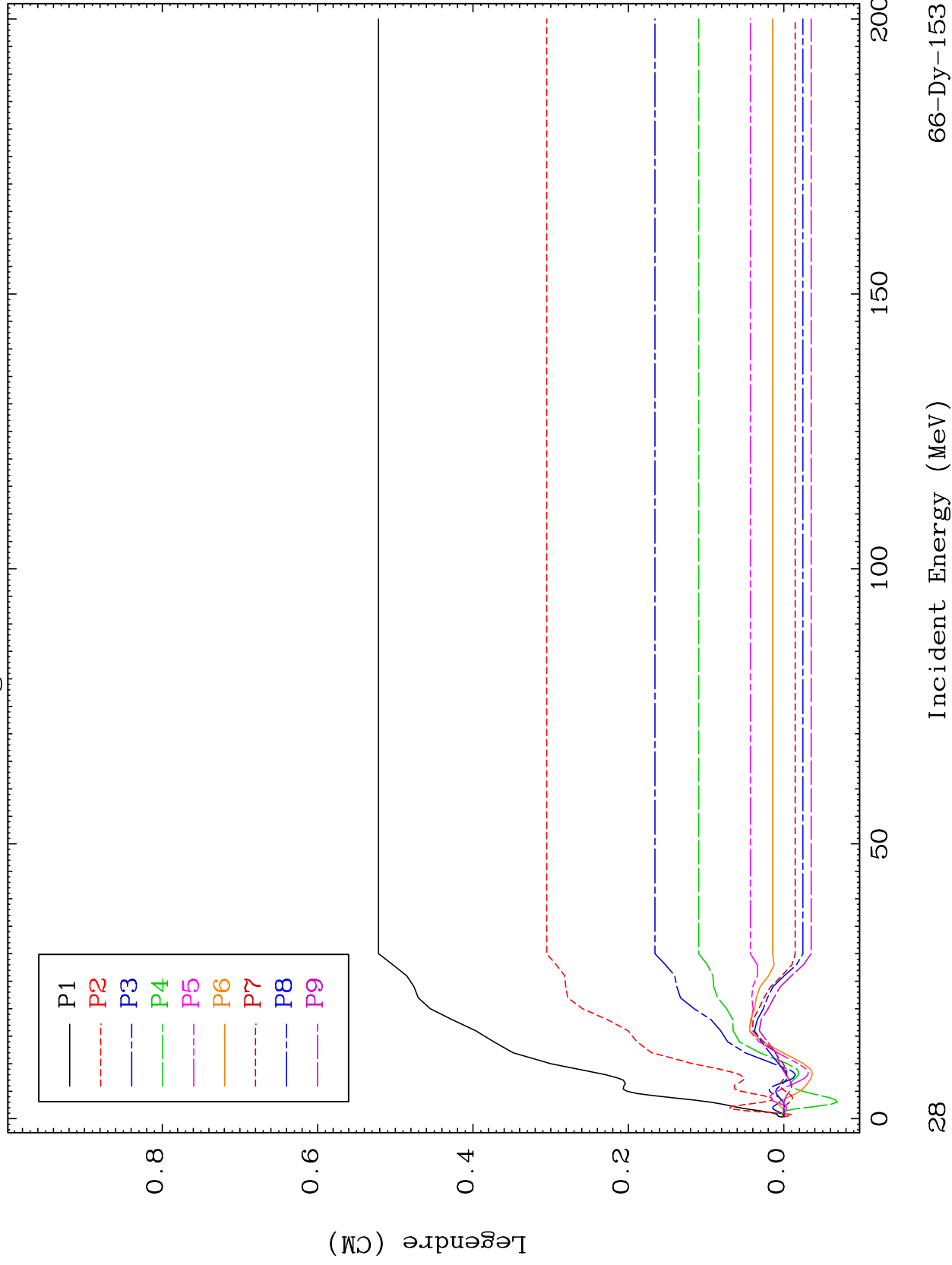
66-Dy-153



MAT 6616

295.8 keV (n,n') Level
Legendre Coefficients

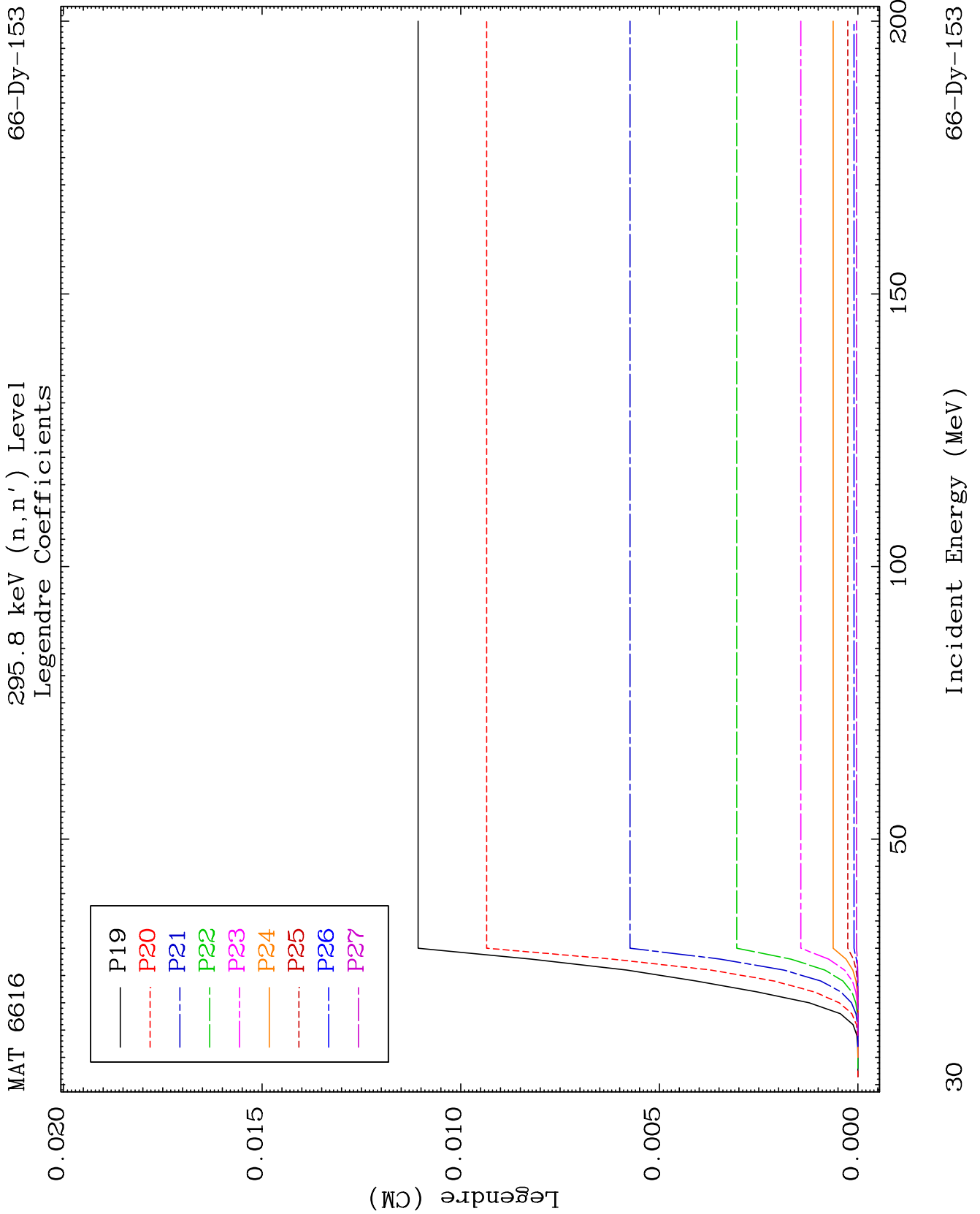
66-Dy-153



66-Dy-153

Incident Energy (MeV)

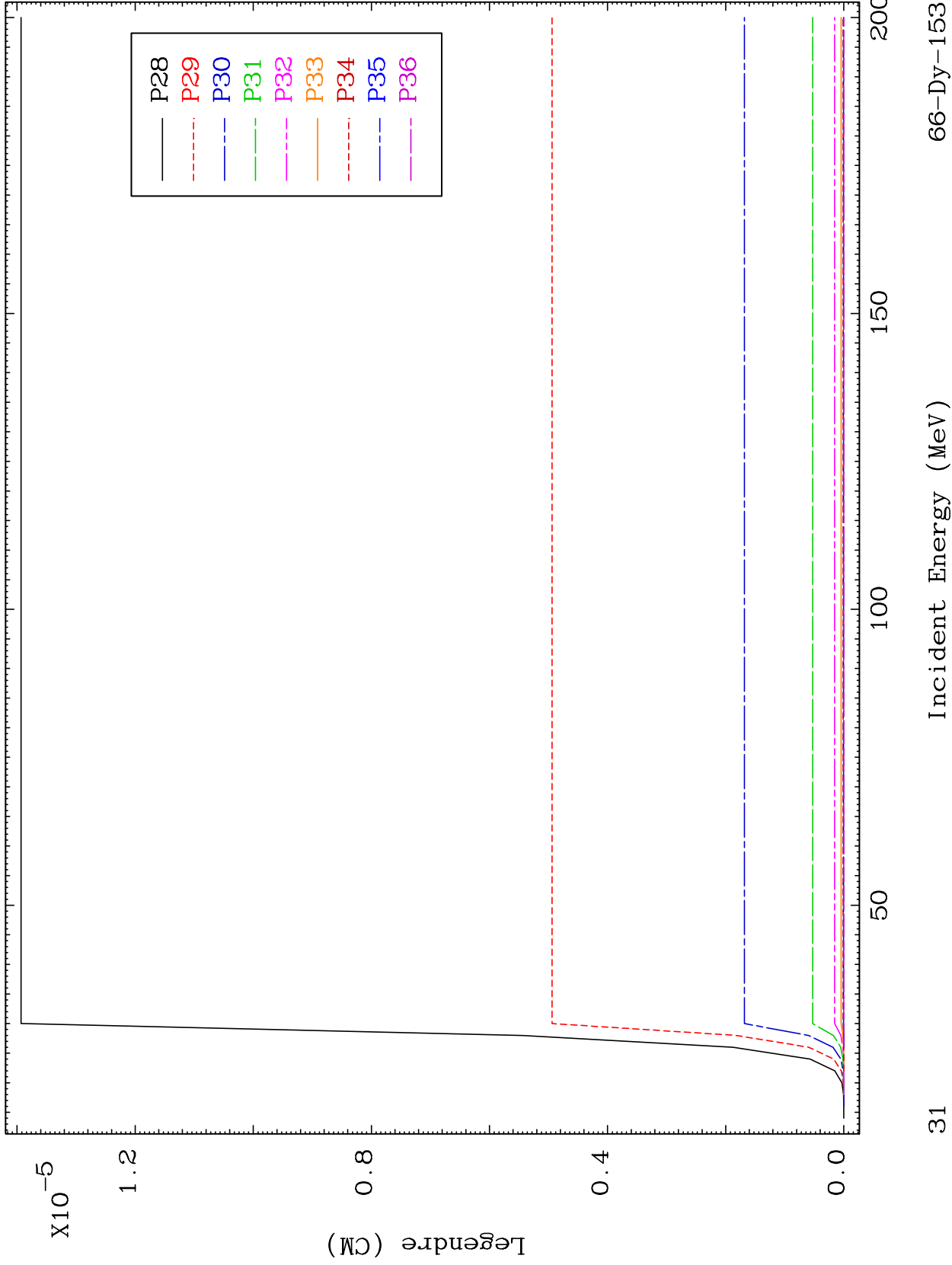
28

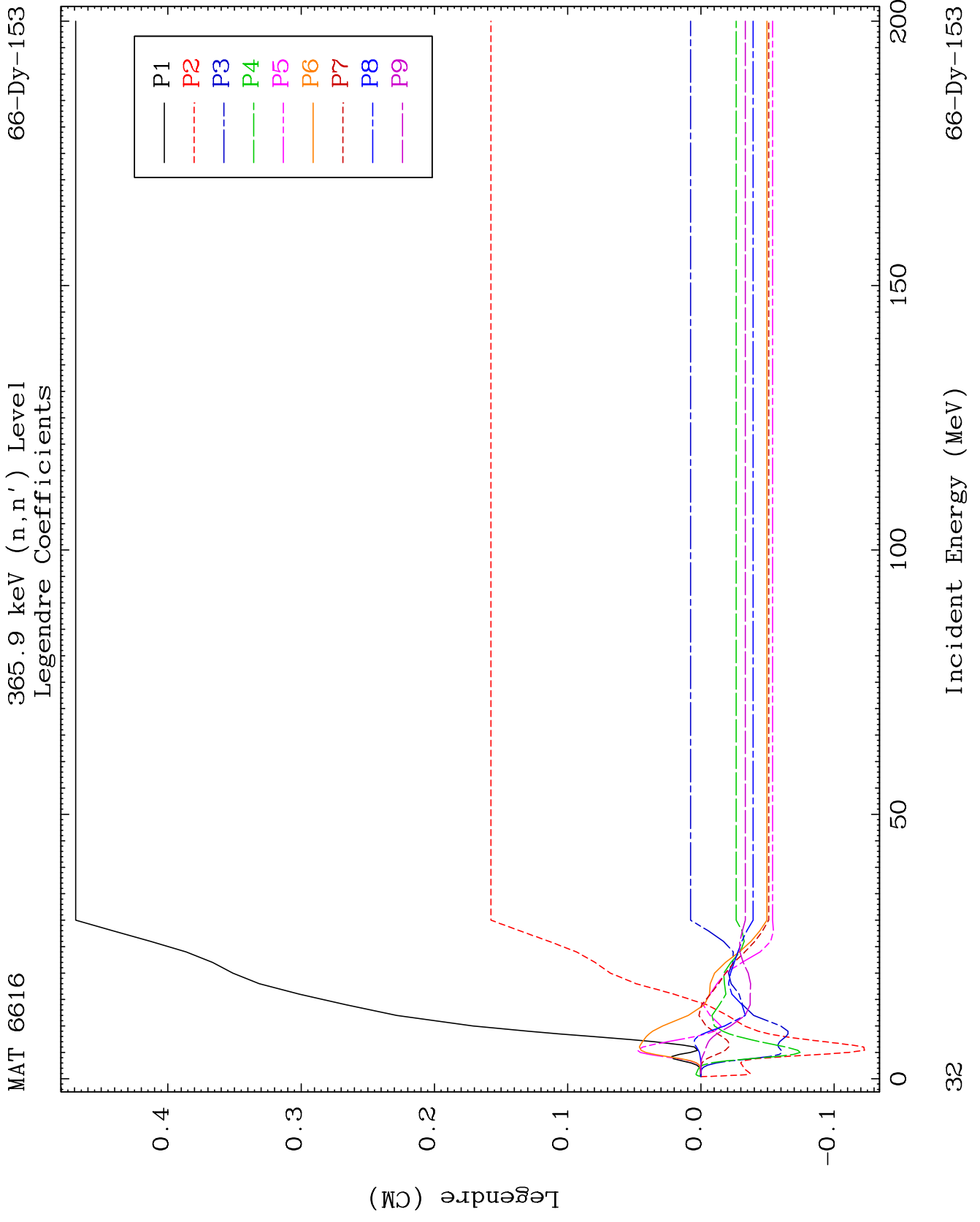


MAT 6616

295.8 keV (n,n') Level
Legendre Coefficients

66-Dy-153

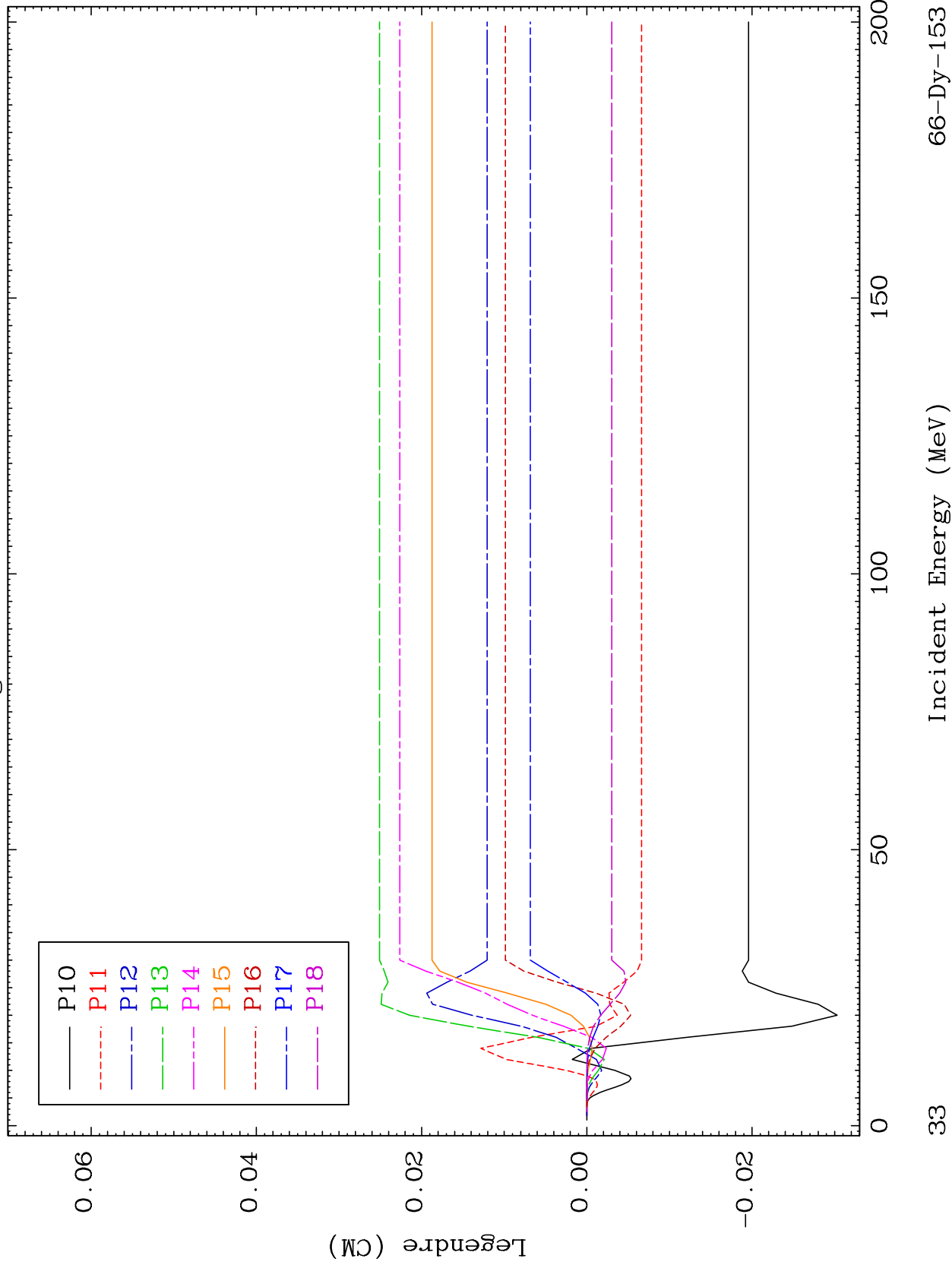




MAT 6616

365.9 keV (n,n') Level
Legendre Coefficients

66-Dy-153



33

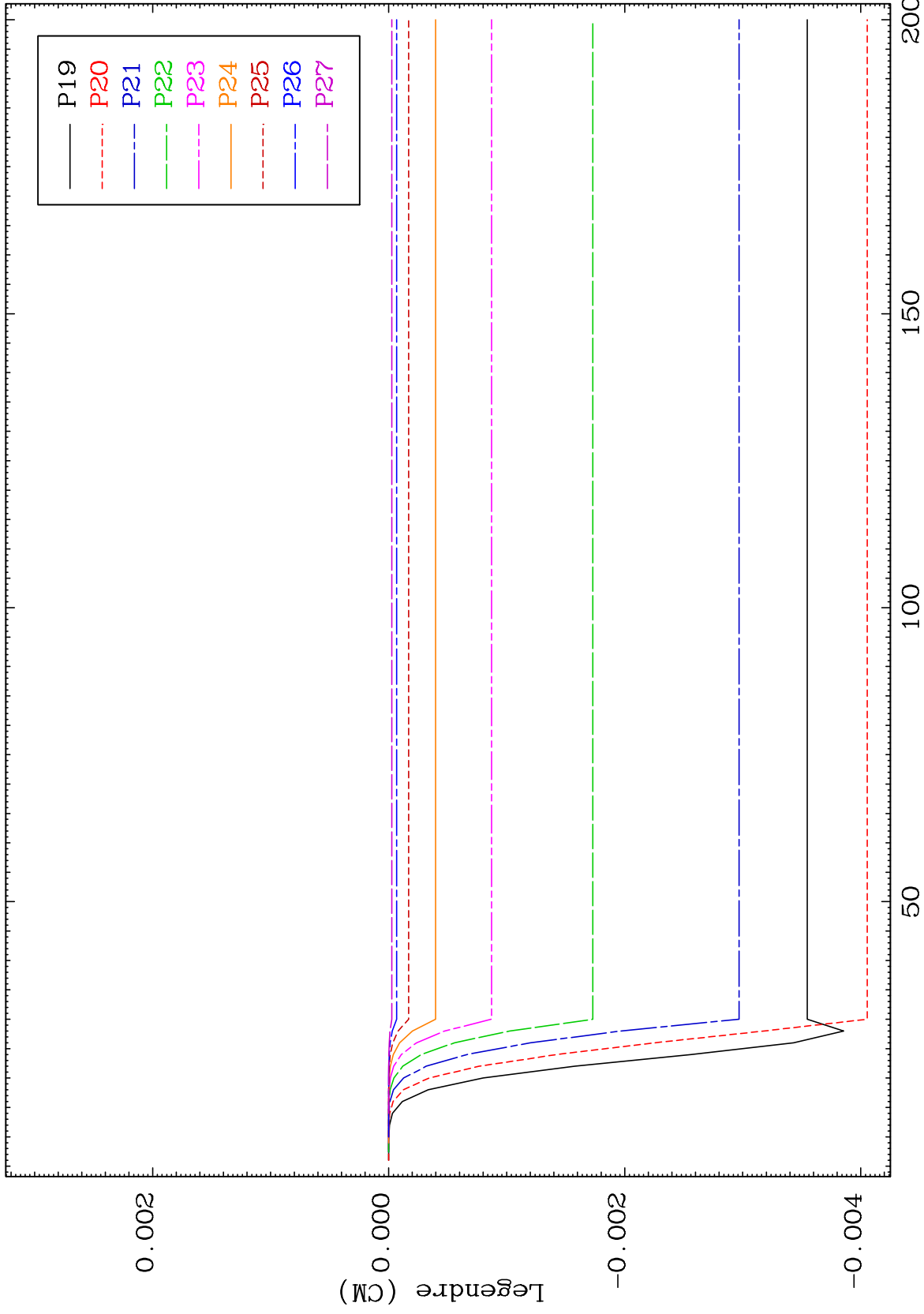
Incident Energy (MeV)

66-Dy-153

MAT 6616

365.9 keV (n,n') Level
Legendre Coefficients

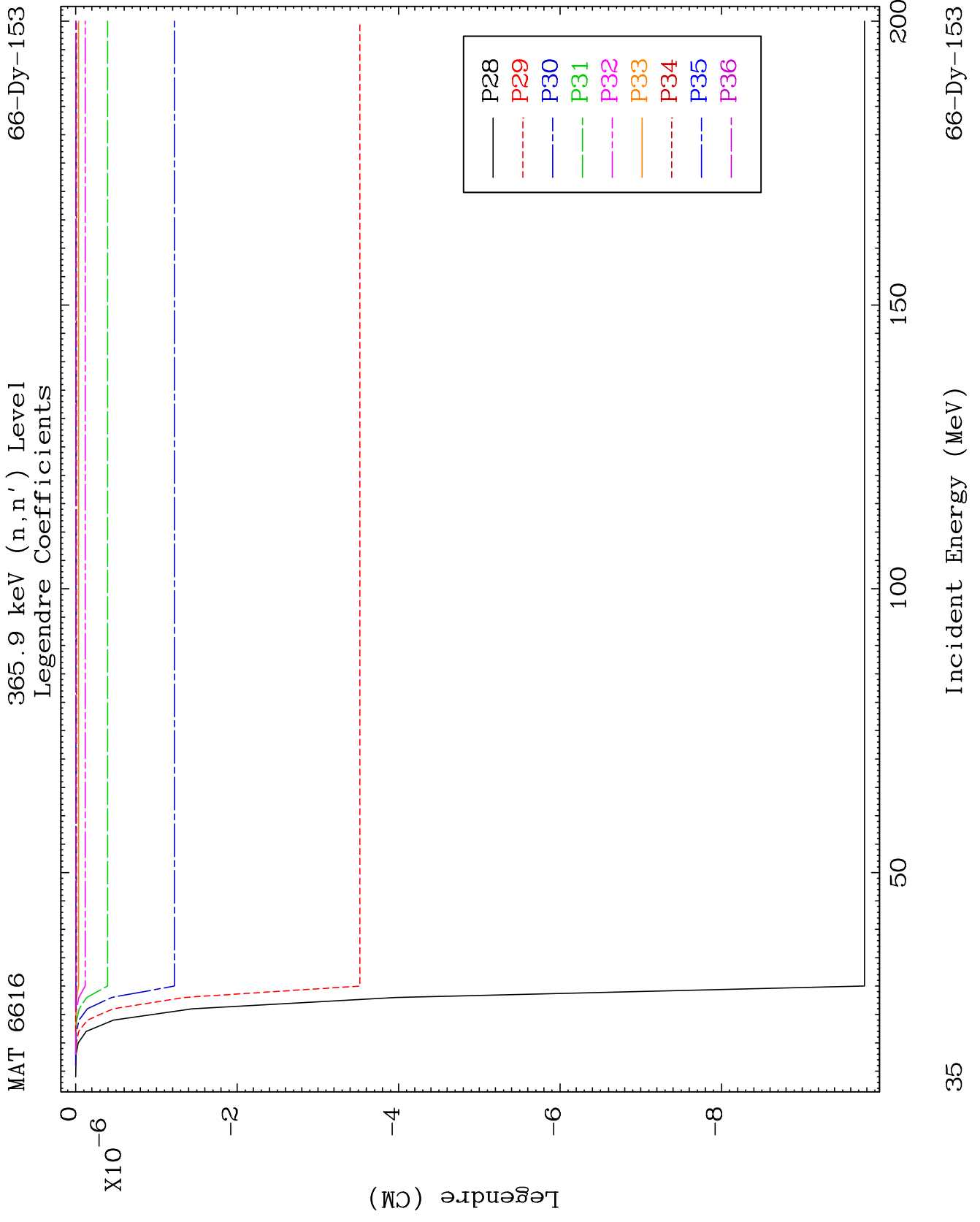
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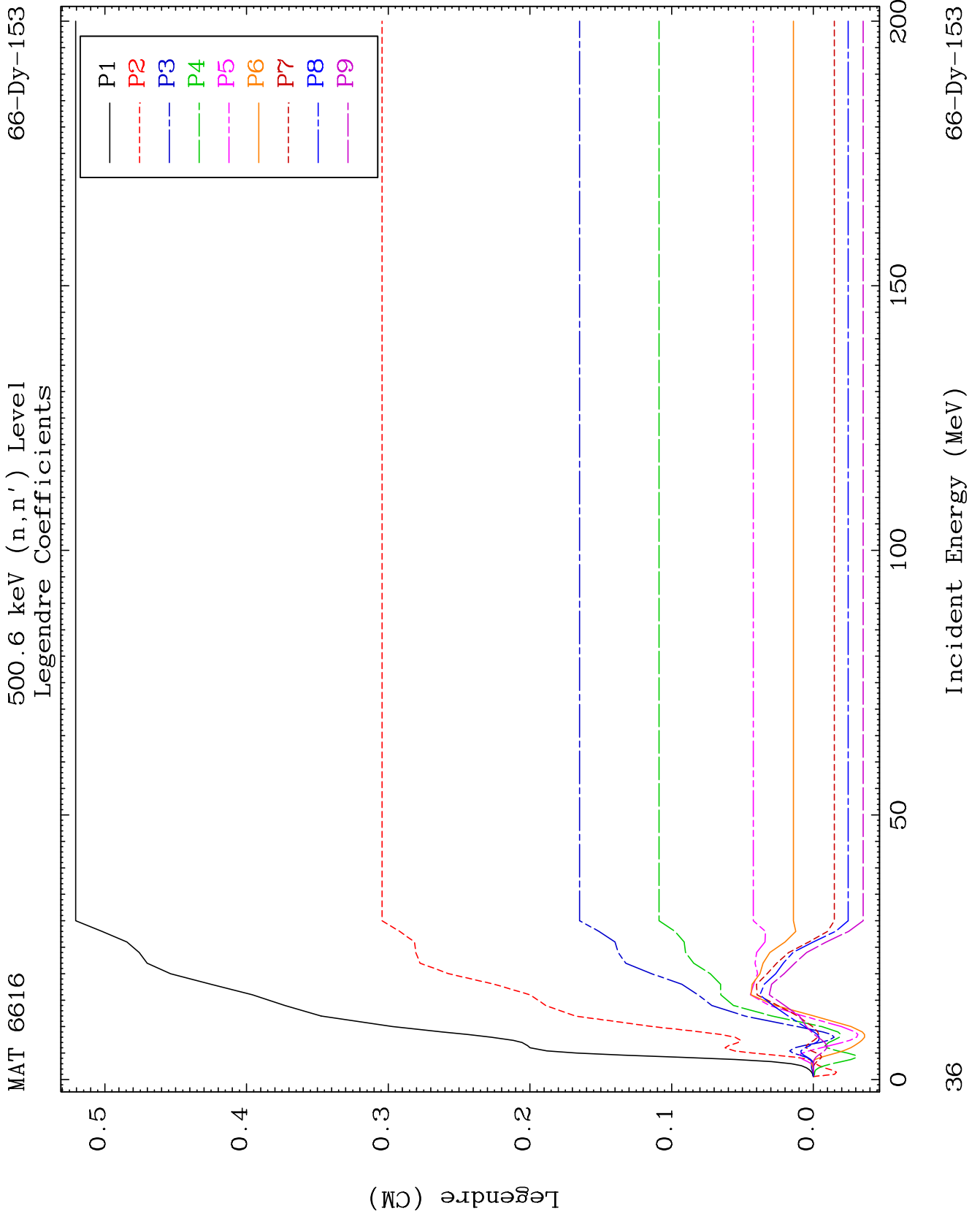


34

Incident Energy (MeV)

66-Dy-153

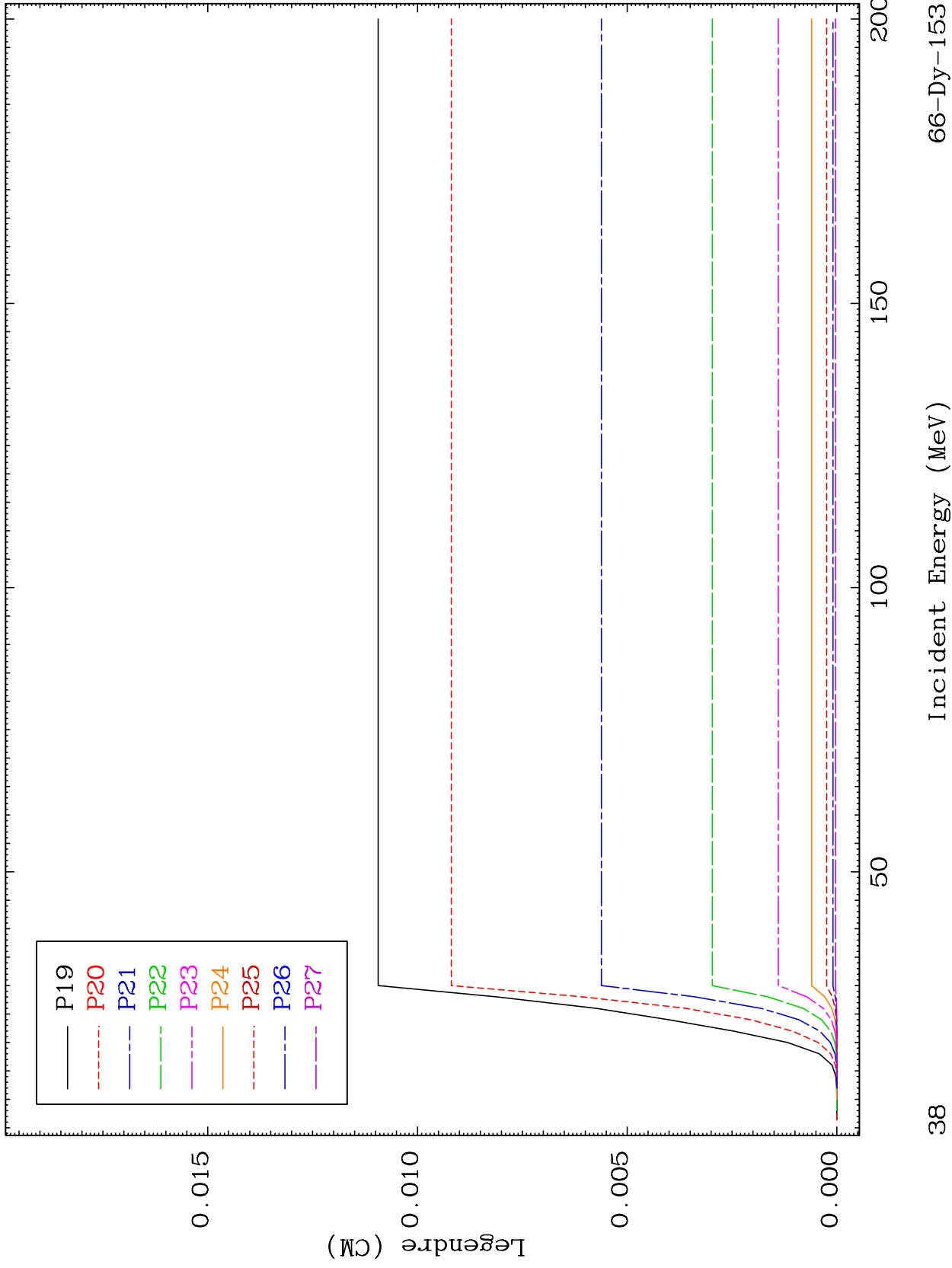




MAT 6616

500.6 keV (n,n') Level
Legendre Coefficients

66-Dy-153



38

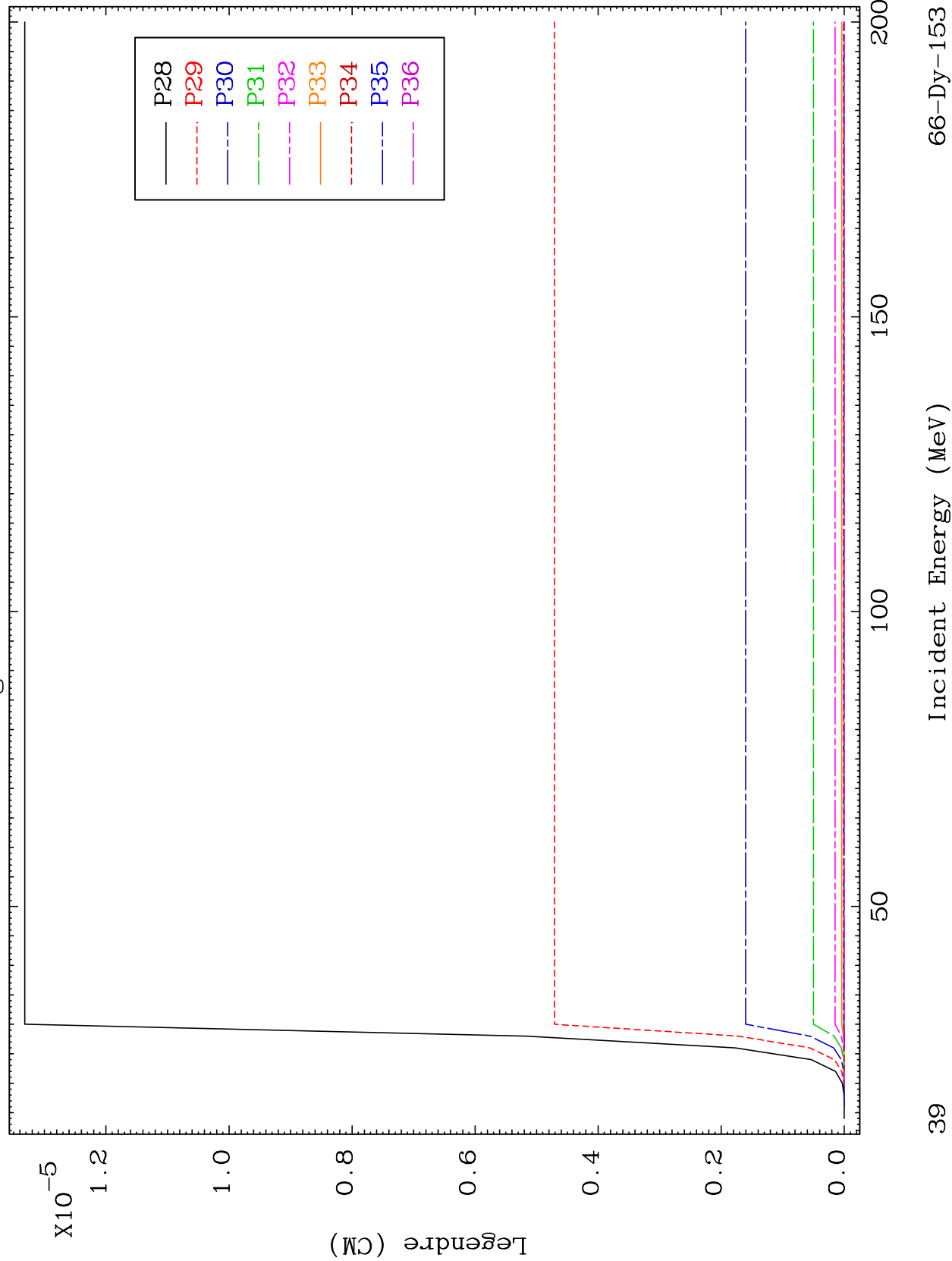
Incident Energy (MeV)

66-Dy-153

MAT 6616

500.6 keV (n,n') Level
Legendre Coefficients

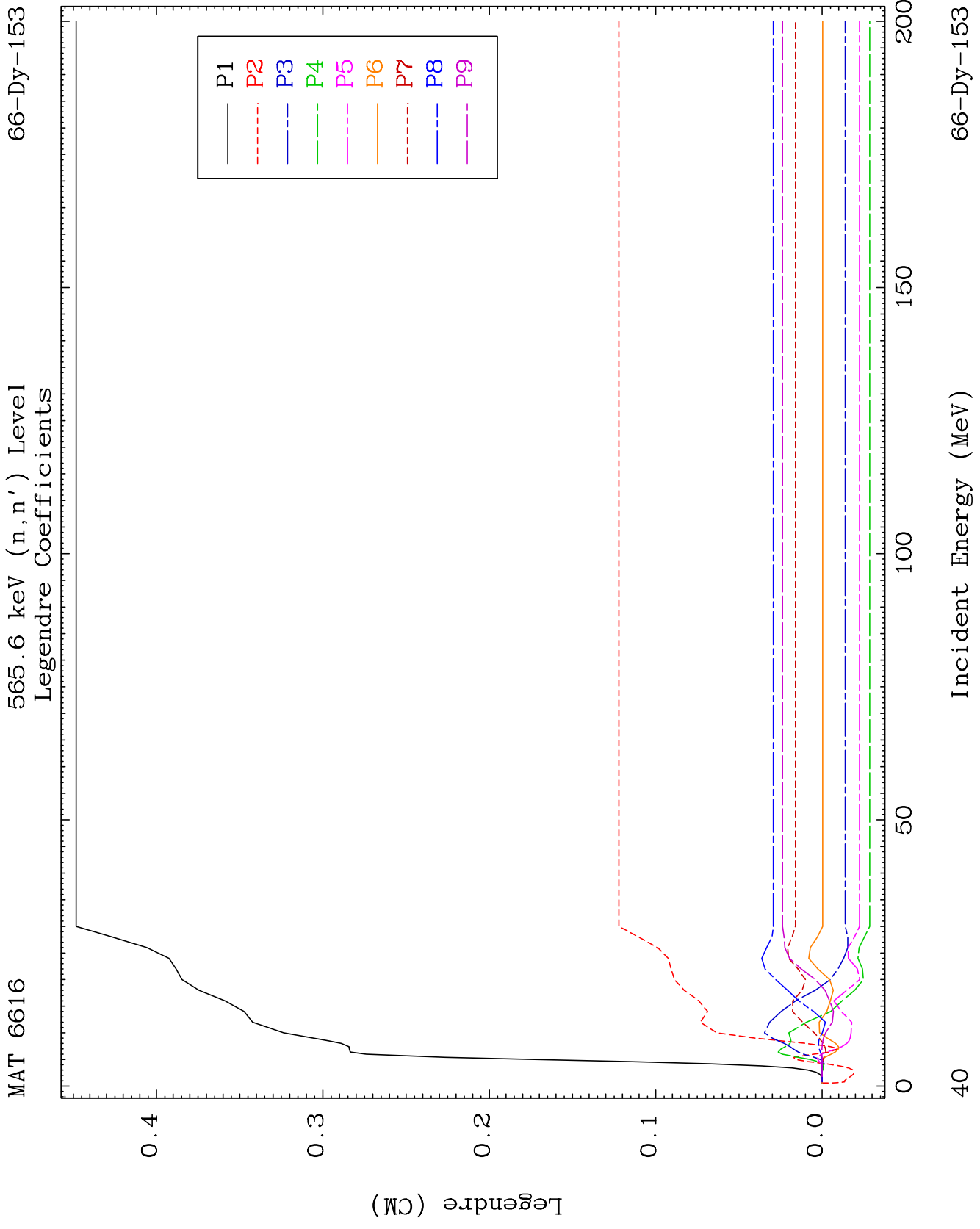
66-Dy-153



66-Dy-153

Incident Energy (MeV)

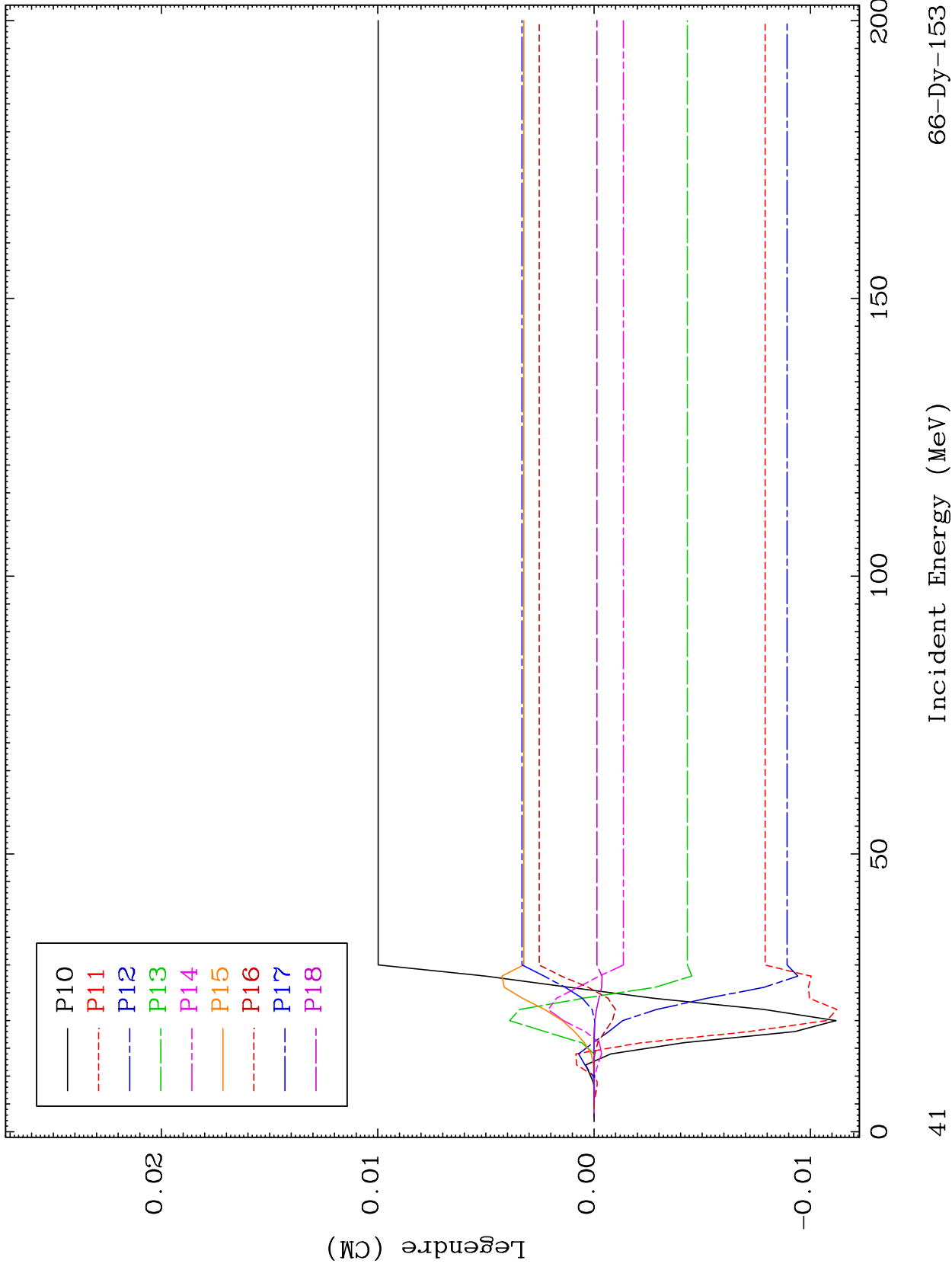
39



MAT 6616

565.6 keV (n,n') Level
Legendre Coefficients

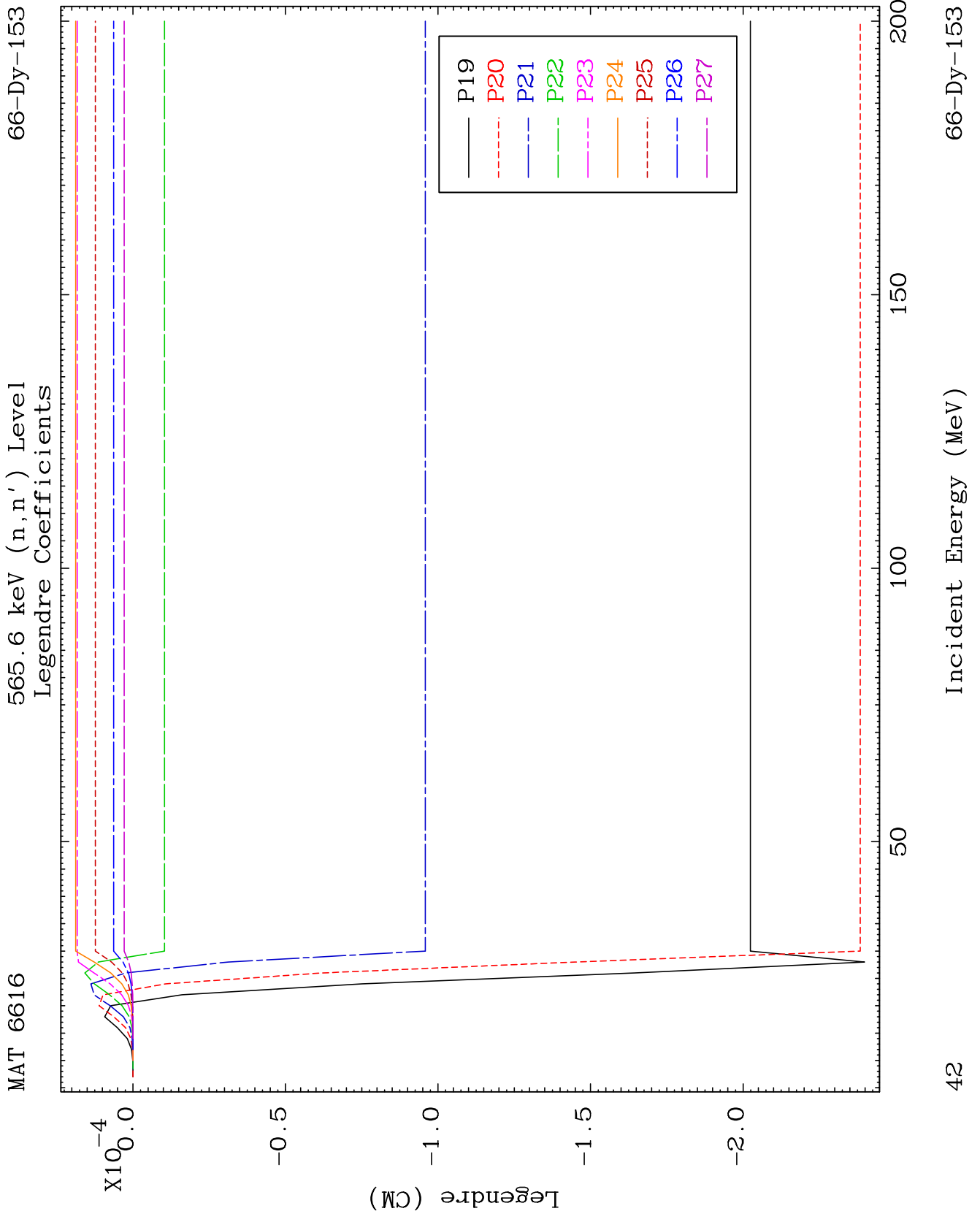
66-Dy-153



41

Incident Energy (MeV)

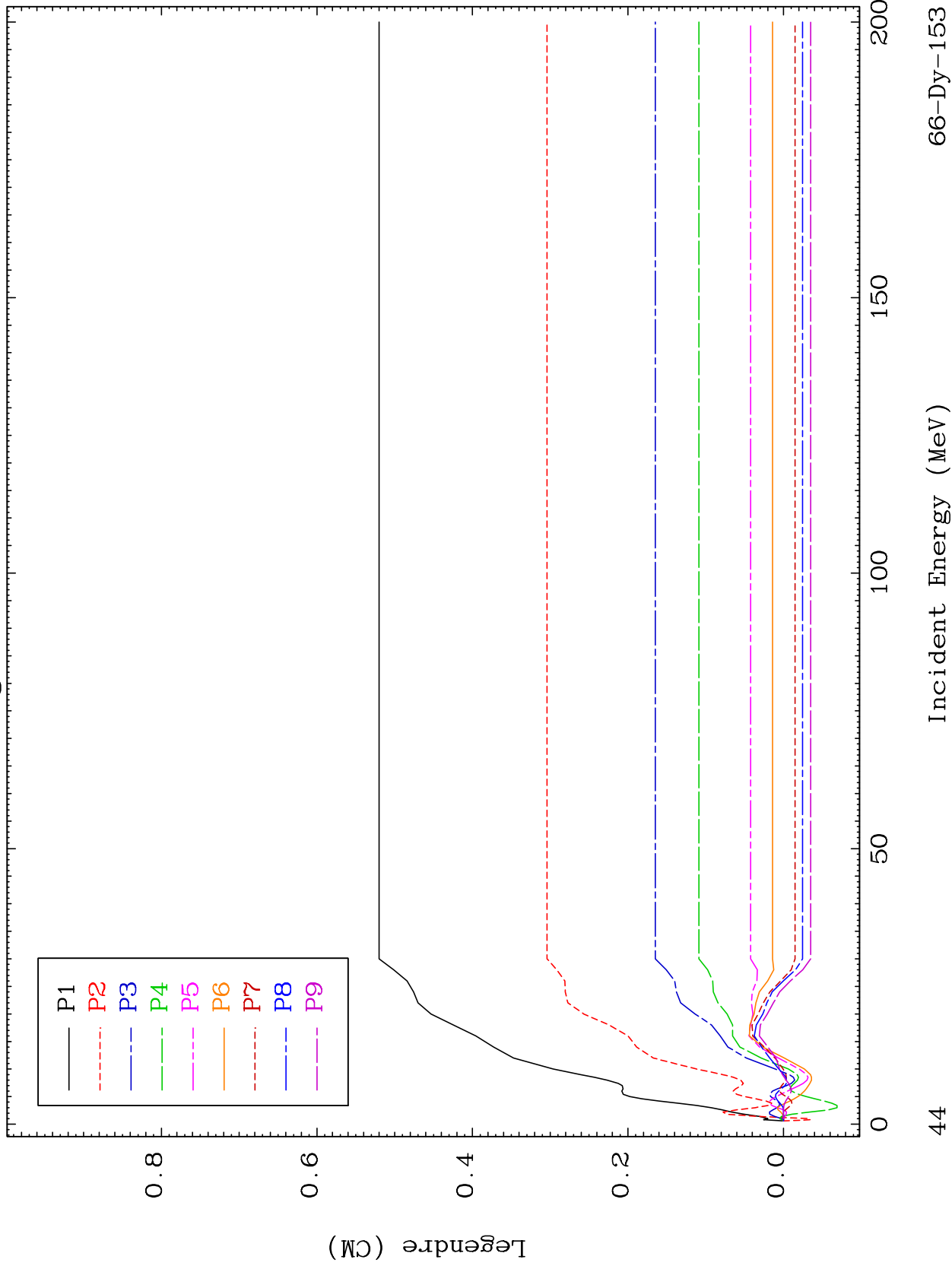
66-Dy-153



MAT 6616

576.9 keV (n,n') Level
Legendre Coefficients

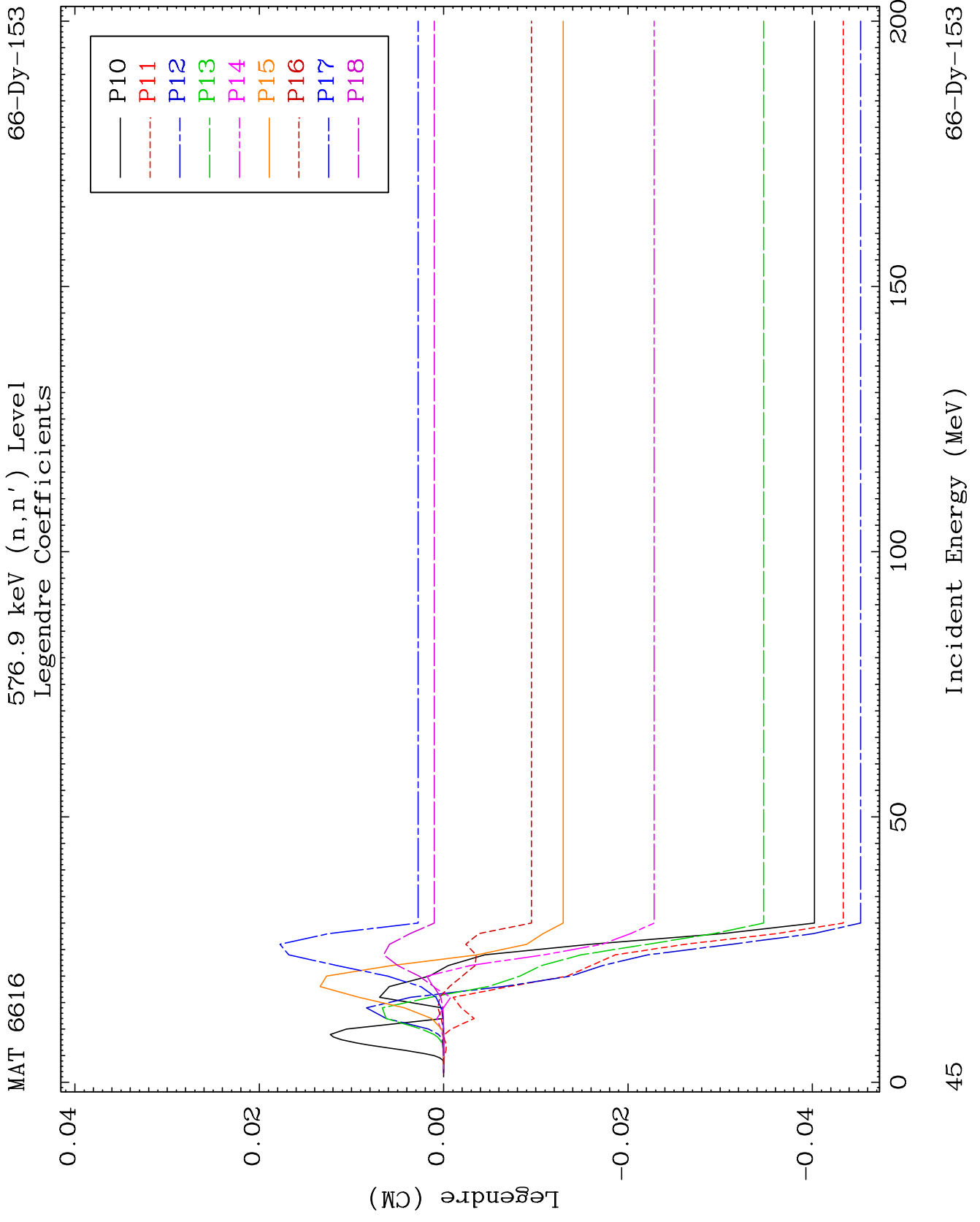
66-Dy-153



44

Incident Energy (MeV)

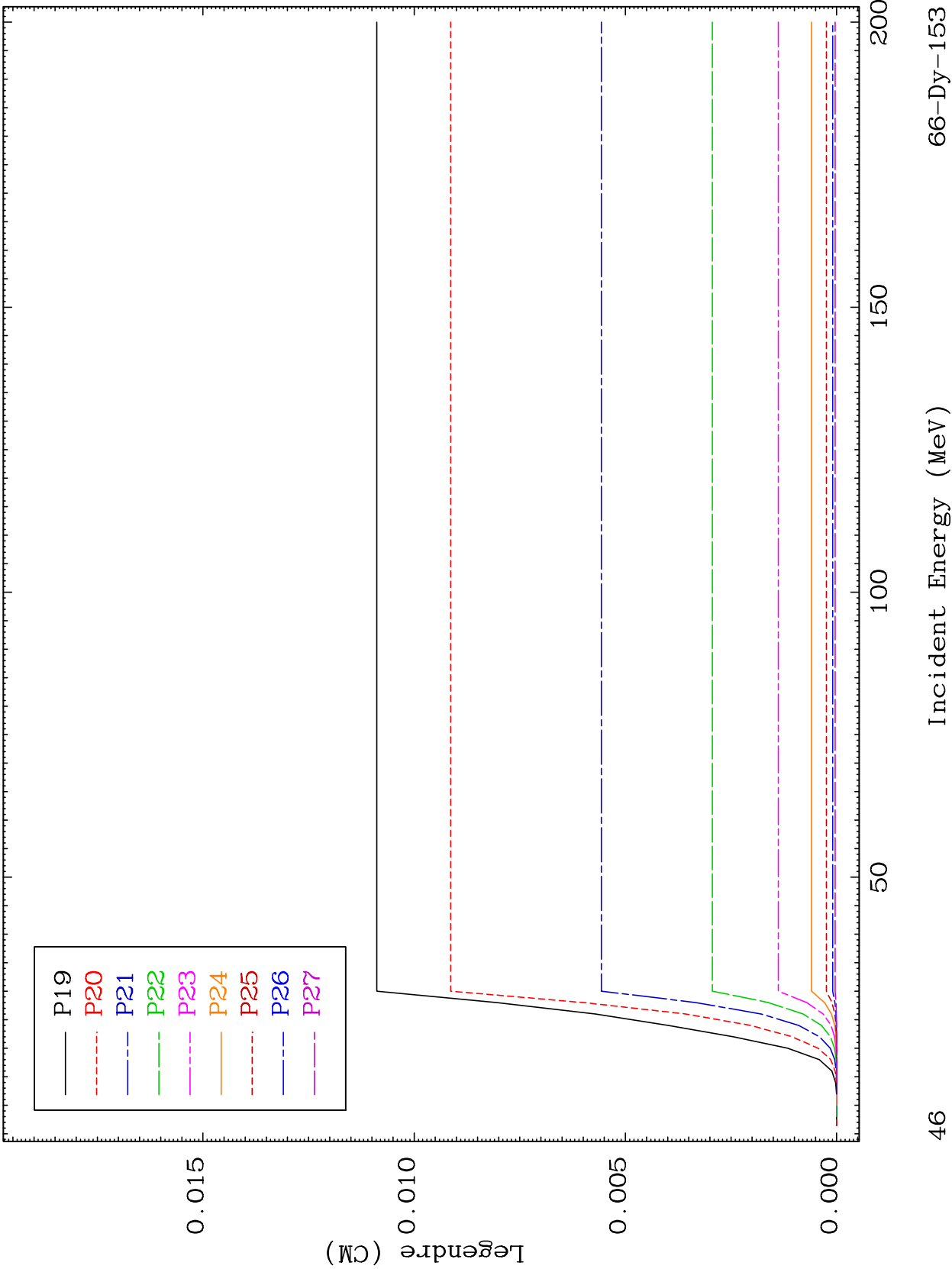
66-Dy-153



MAT 6616

576.9 keV (n,n') Level
Legendre Coefficients

66-Dy-153



46

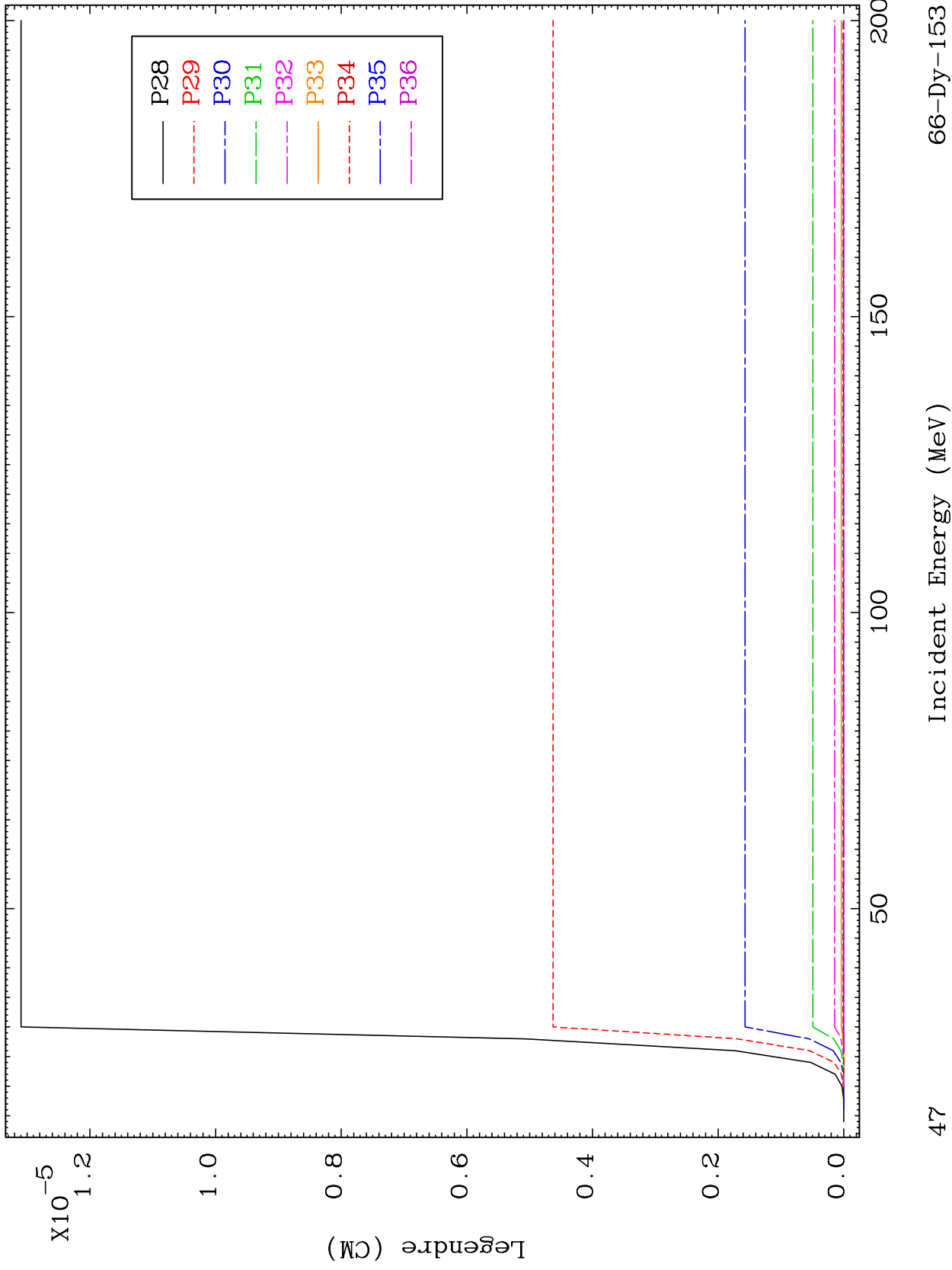
Incident Energy (MeV)

66-Dy-153

MAT 6616

576.9 keV (n,n') Level
Legendre Coefficients

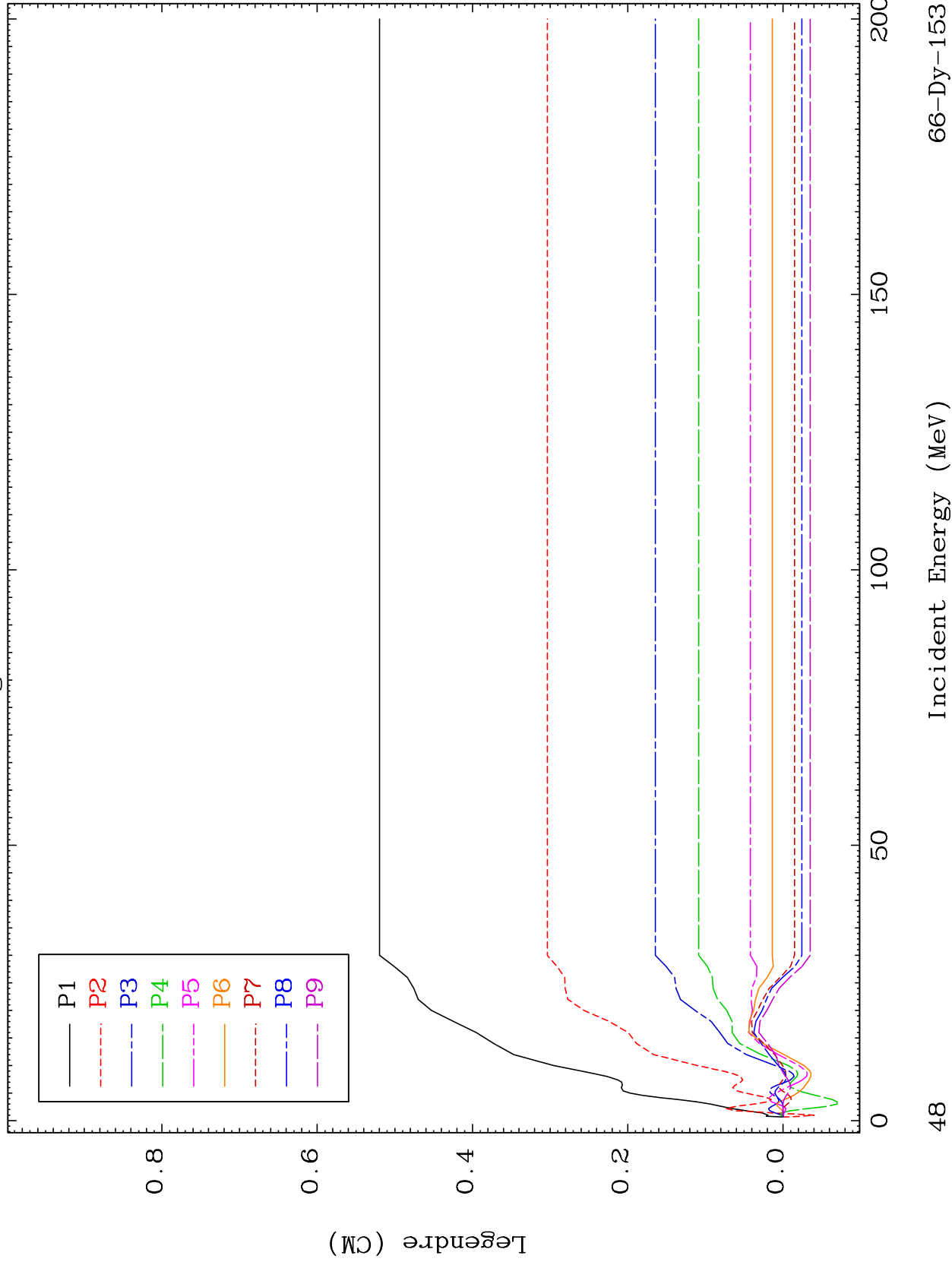
66-Dy-153



MAT 6616

637.0 keV (n,n') Level
Legendre Coefficients

66-Dy-153



66-Dy-153

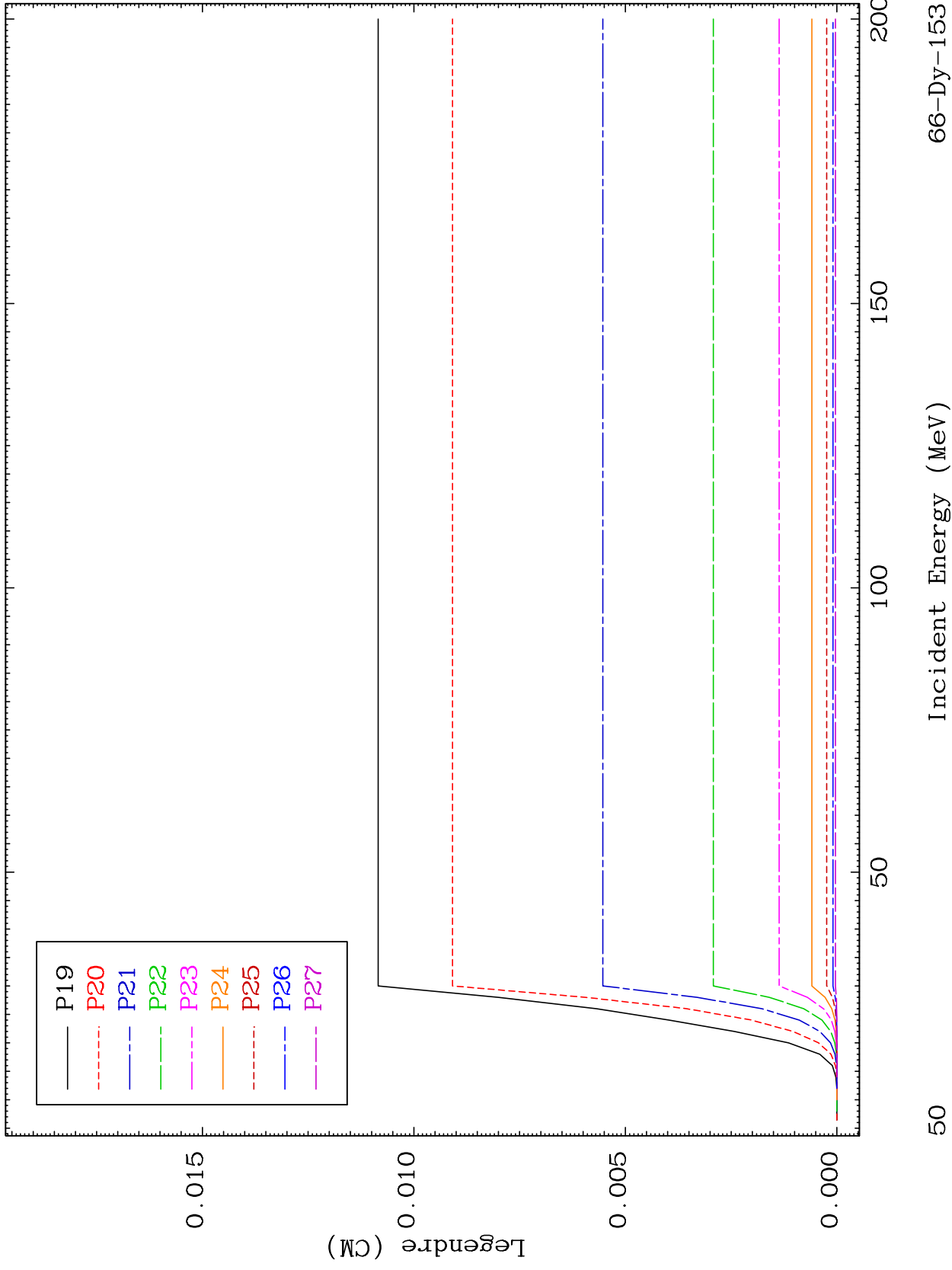
Incident Energy (MeV)

48

MAT 6616

637.0 keV (n,n') Level
Legendre Coefficients

66-Dy-153



66-Dy-153

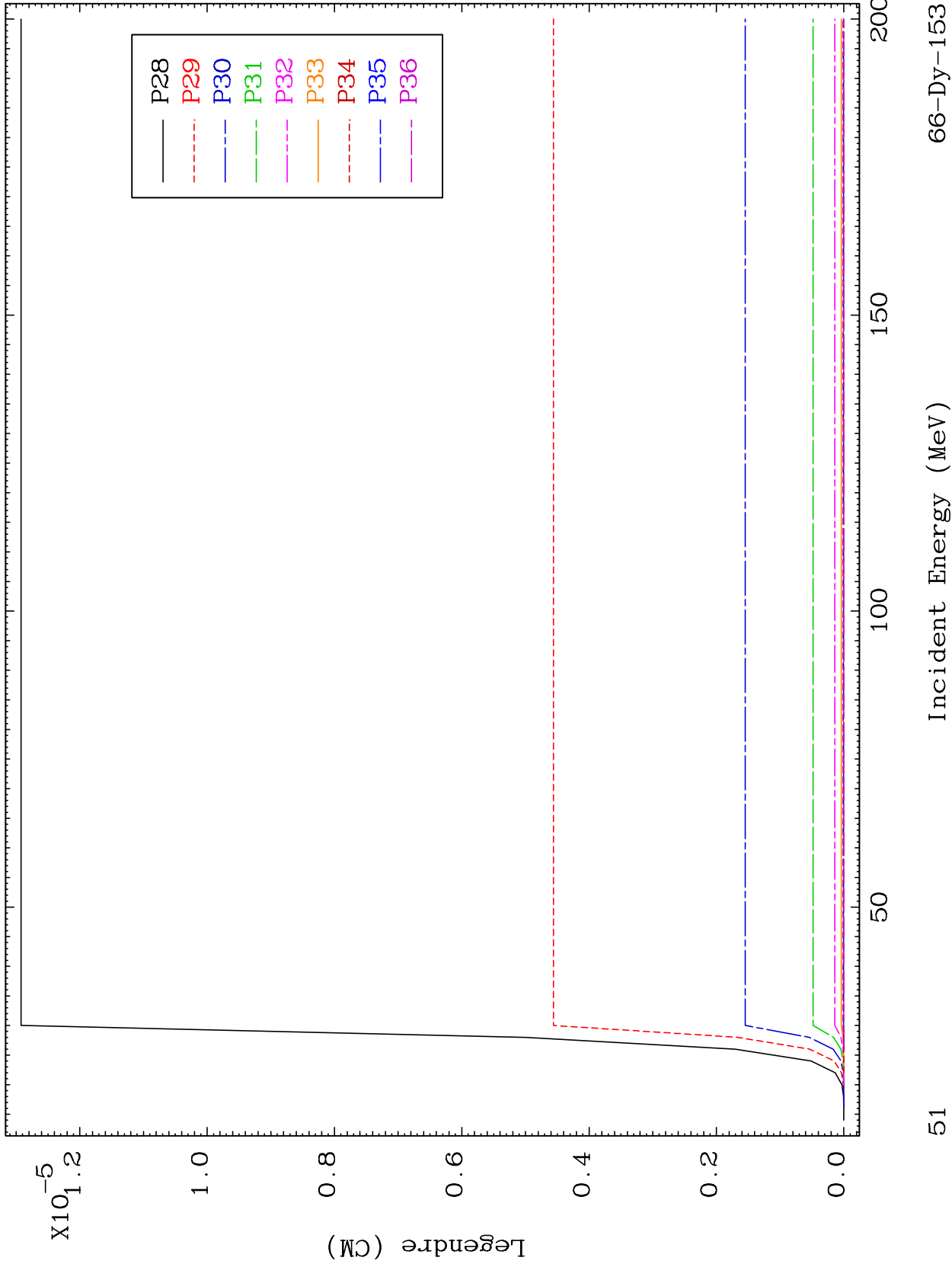
Incident Energy (MeV)

50

MAT 6616

637.0 keV (n,n') Level
Legendre Coefficients

66-Dy-153

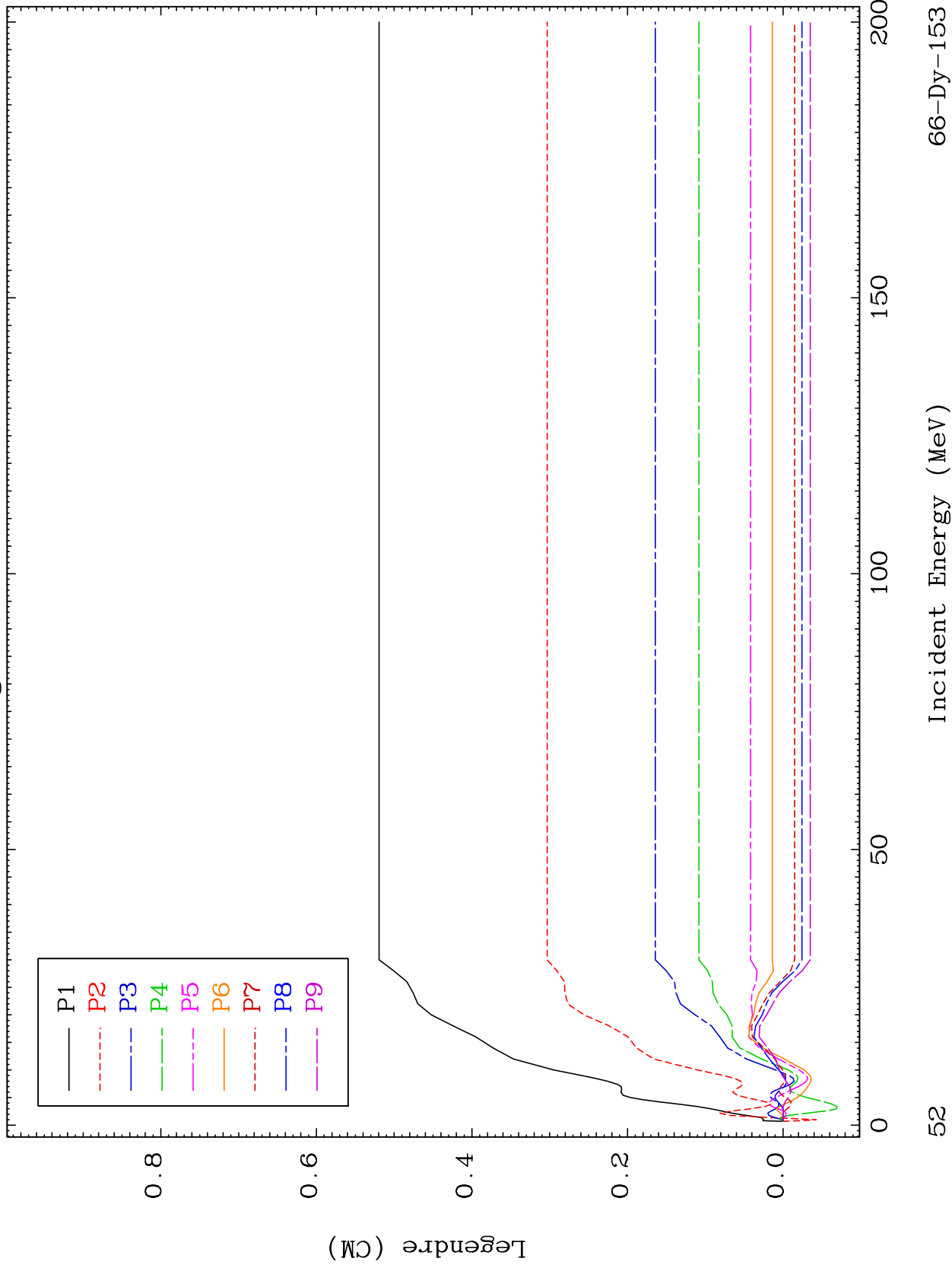


51

MAT 6616

688.4 keV (n,n') Level
Legendre Coefficients

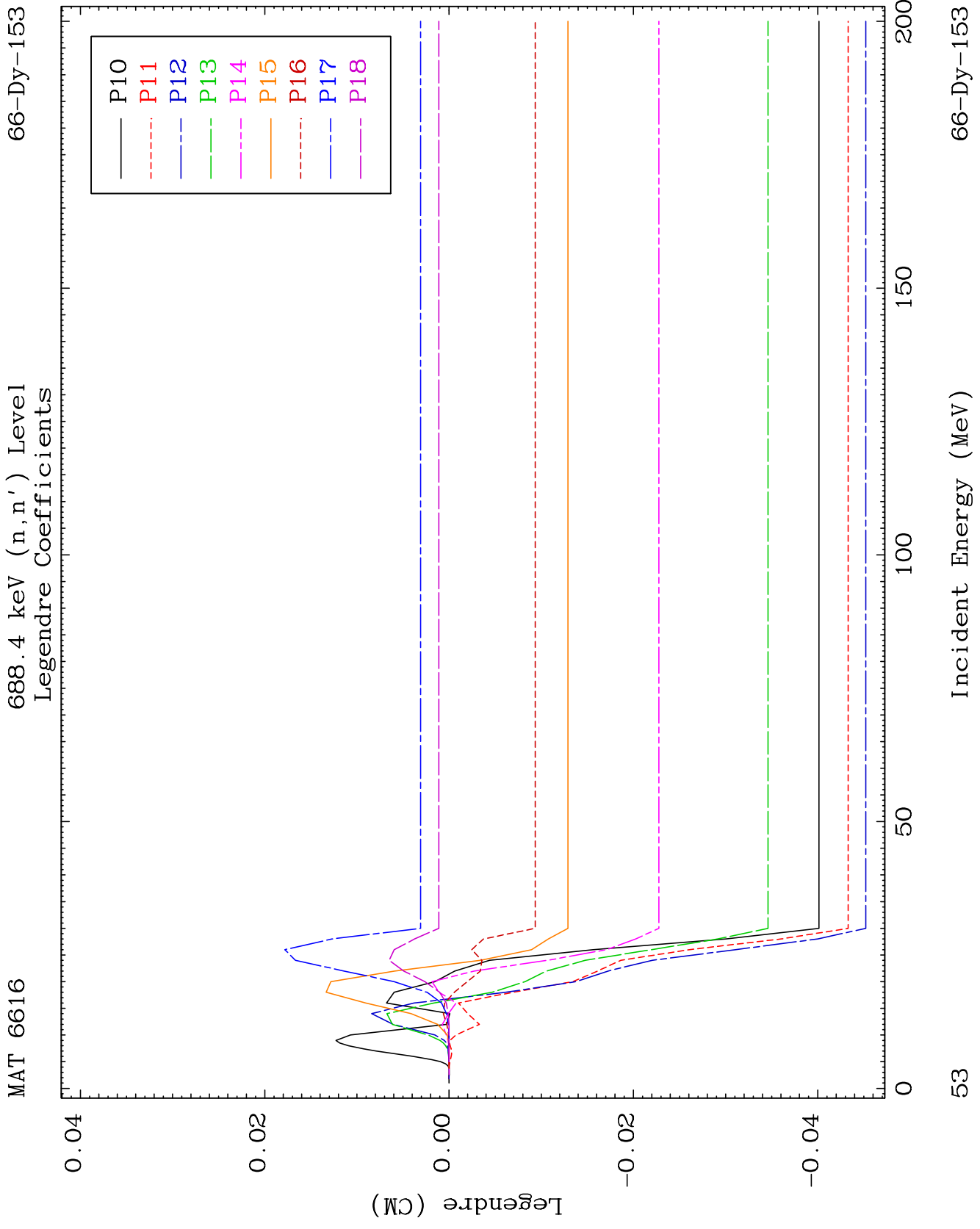
66-Dy-153



52

Incident Energy (MeV)

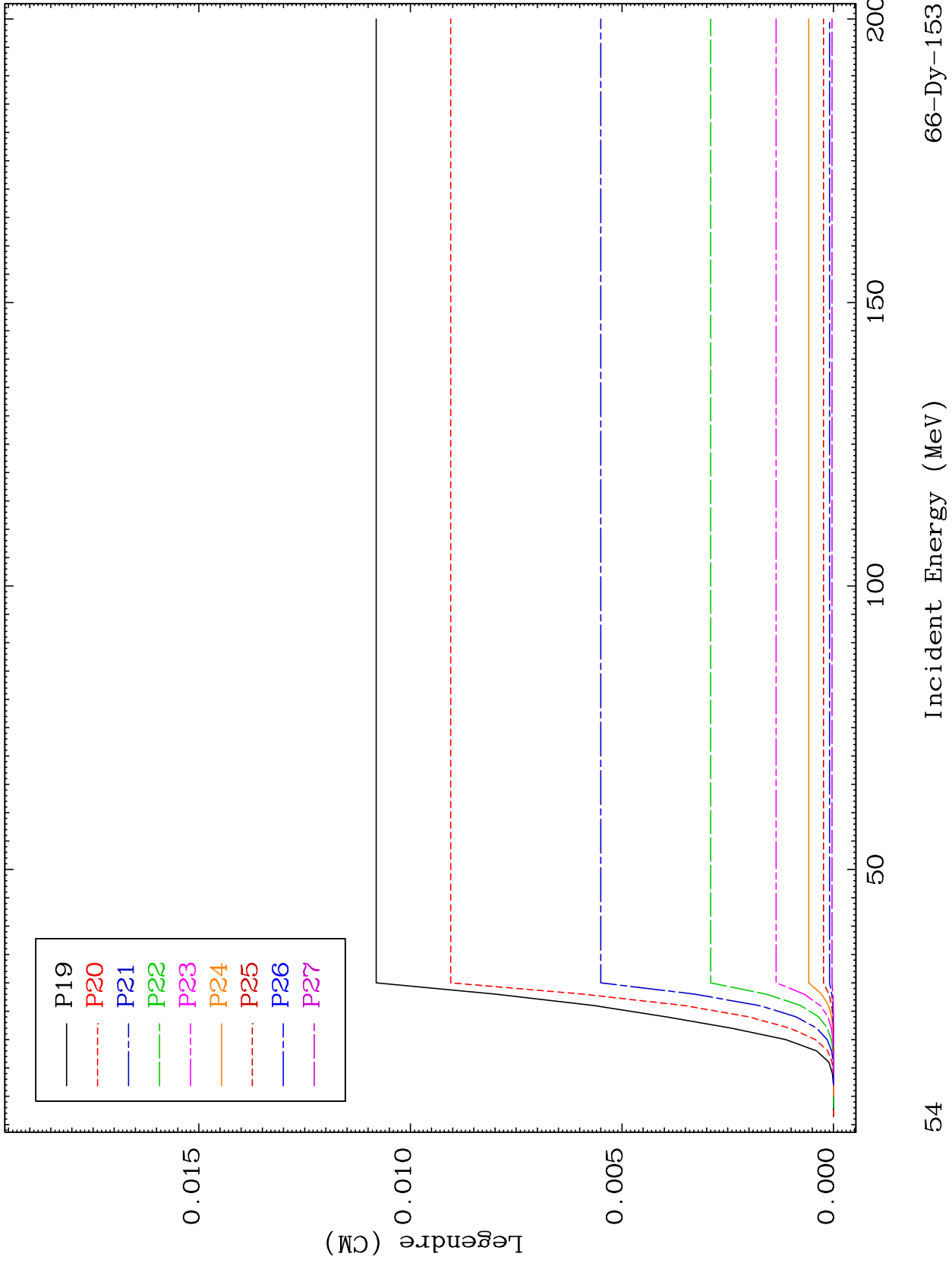
66-Dy-153



MAT 6616

688.4 keV (n,n') Level
Legendre Coefficients

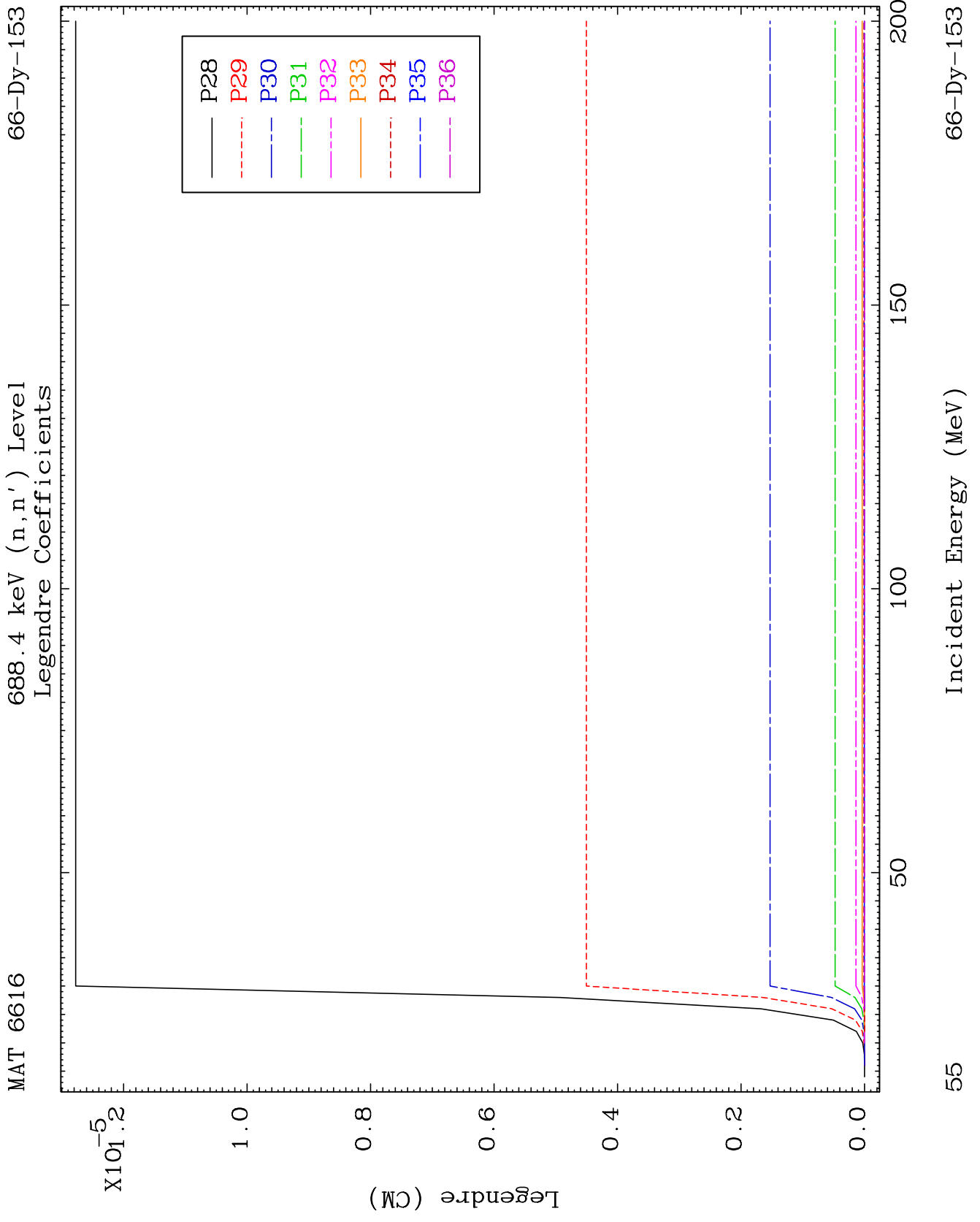
66-Dy-153



54

Incident Energy (MeV)

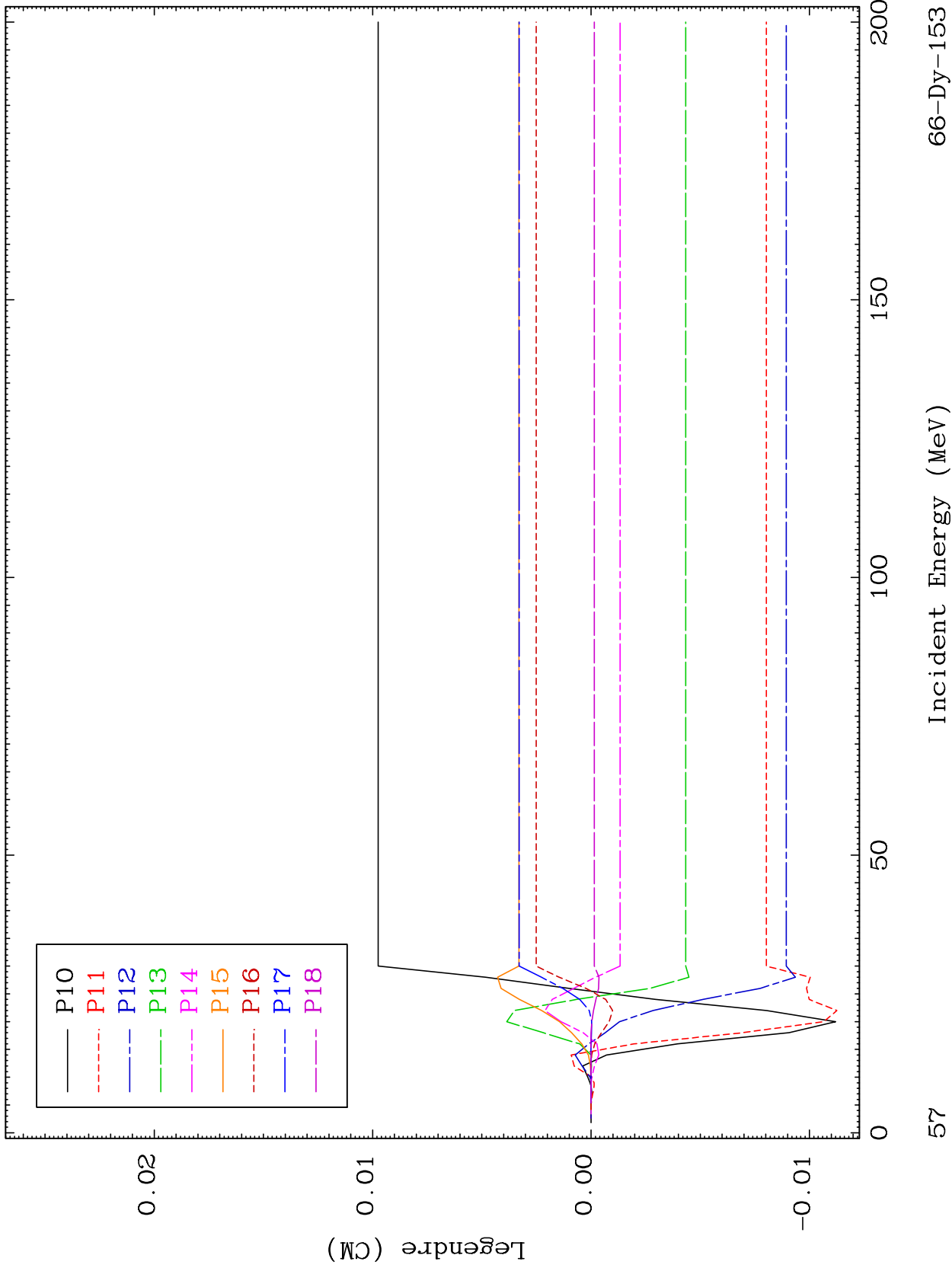
66-Dy-153



MAT 6616

712.7 keV (n,n') Level
Legendre Coefficients

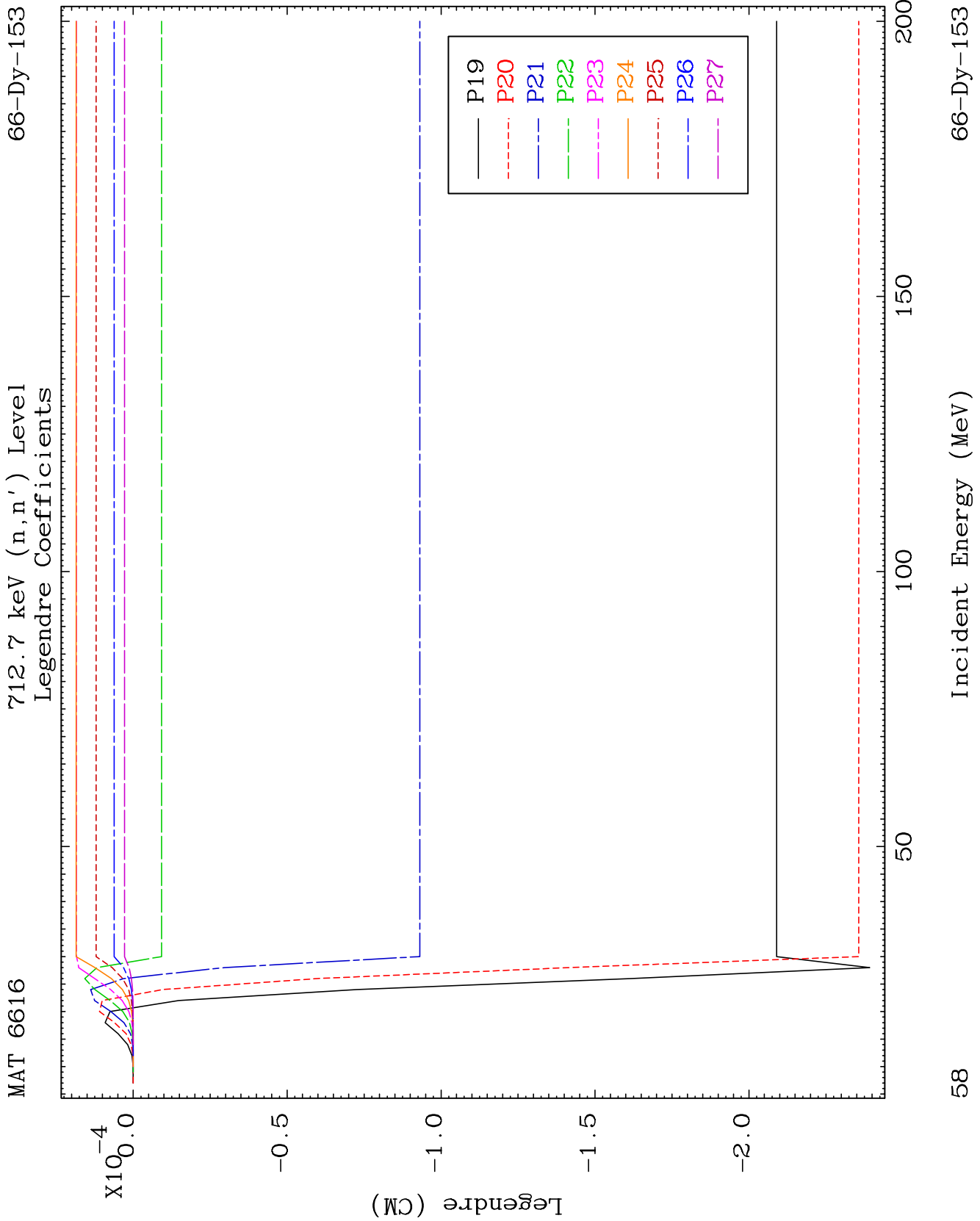
66-Dy-153



66-Dy-153

Incident Energy (MeV)

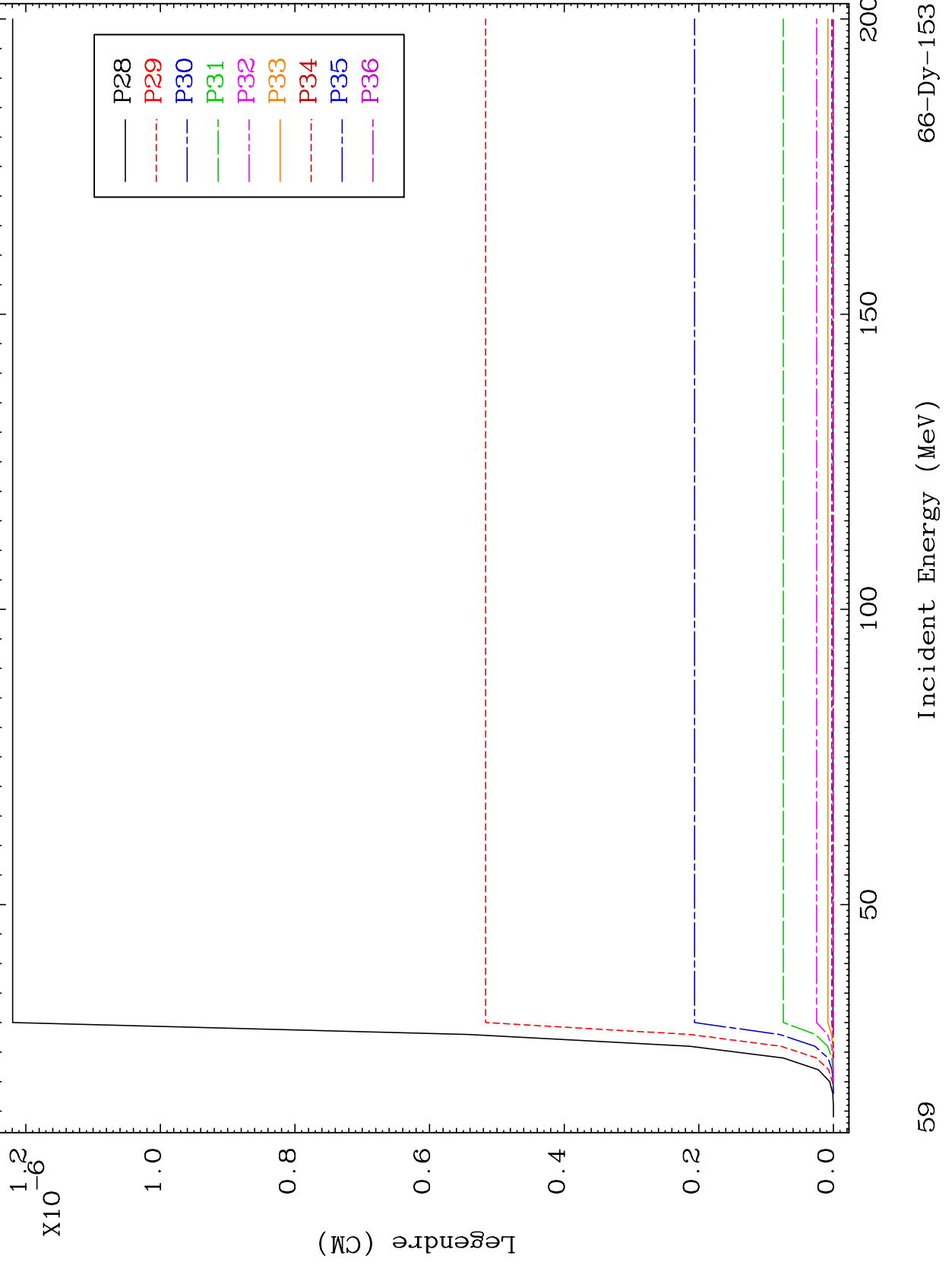
57



MAT 6616

712.7 keV (n,n') Level
Legendre Coefficients

66-Dy-153

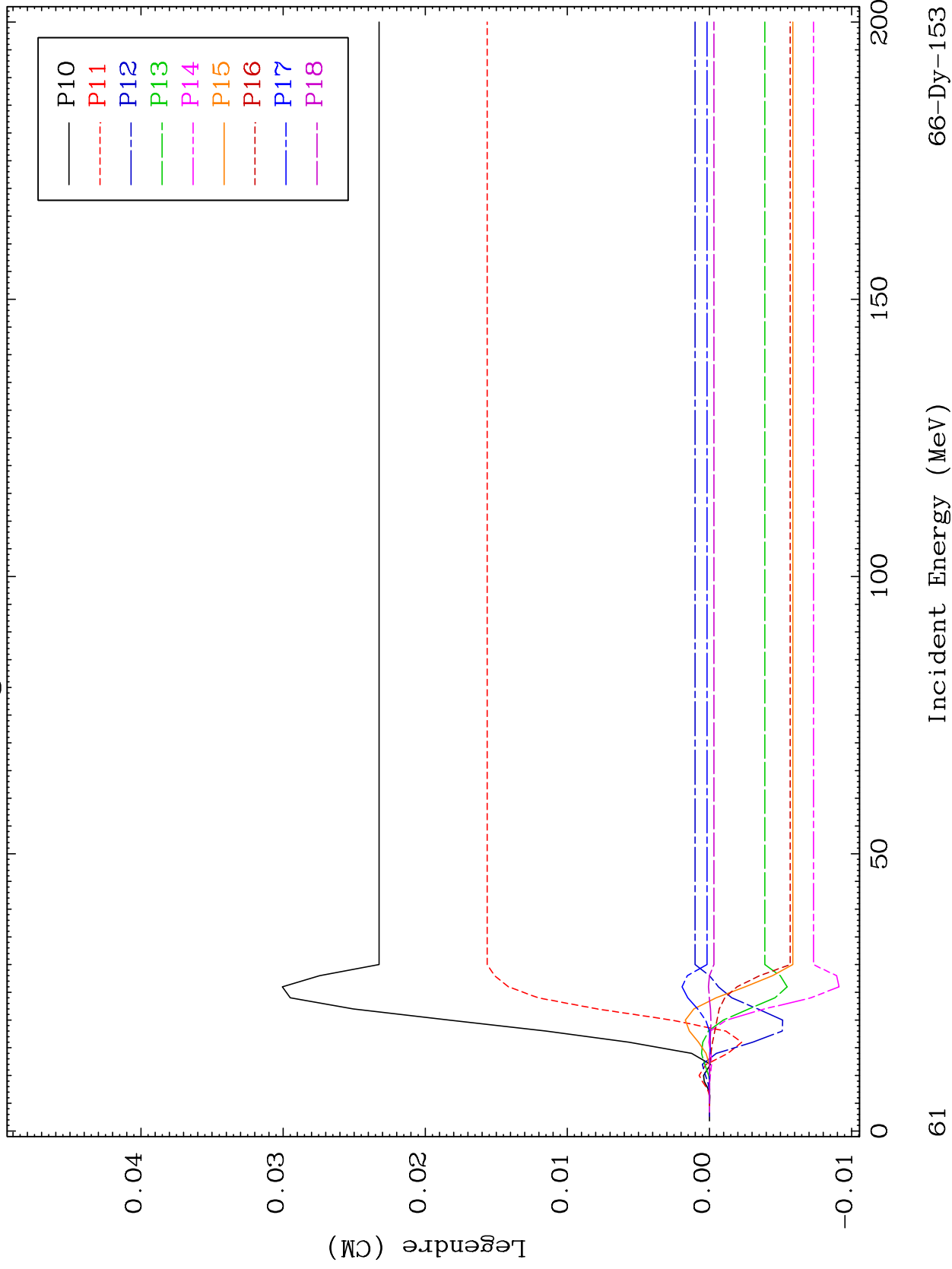


59

MAT 6616

829.9 keV (n,n') Level
Legendre Coefficients

66-Dy-153



66-Dy-153

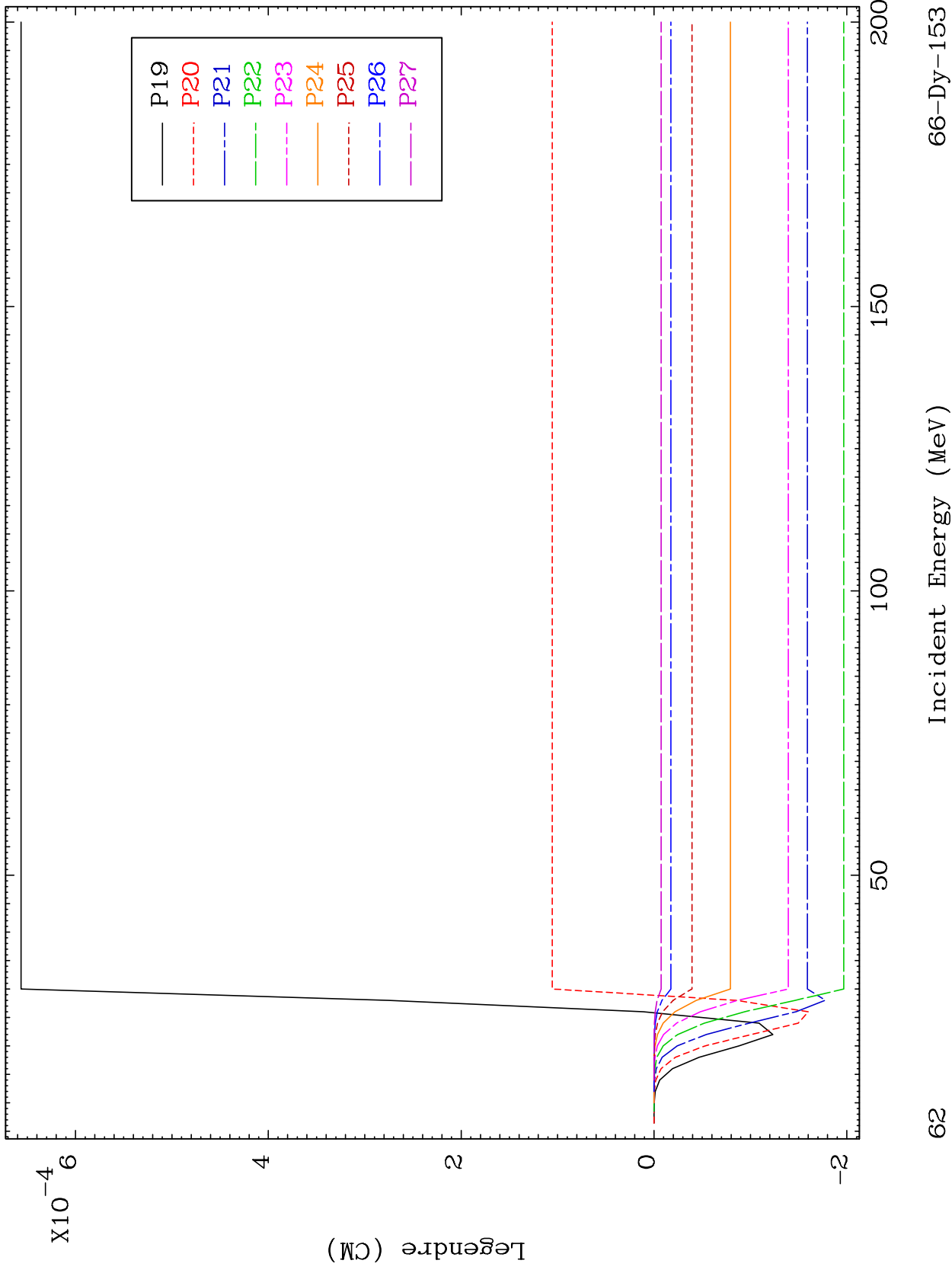
Incident Energy (MeV)

61

MAT 6616

829.9 keV (n,n') Level
Legendre Coefficients

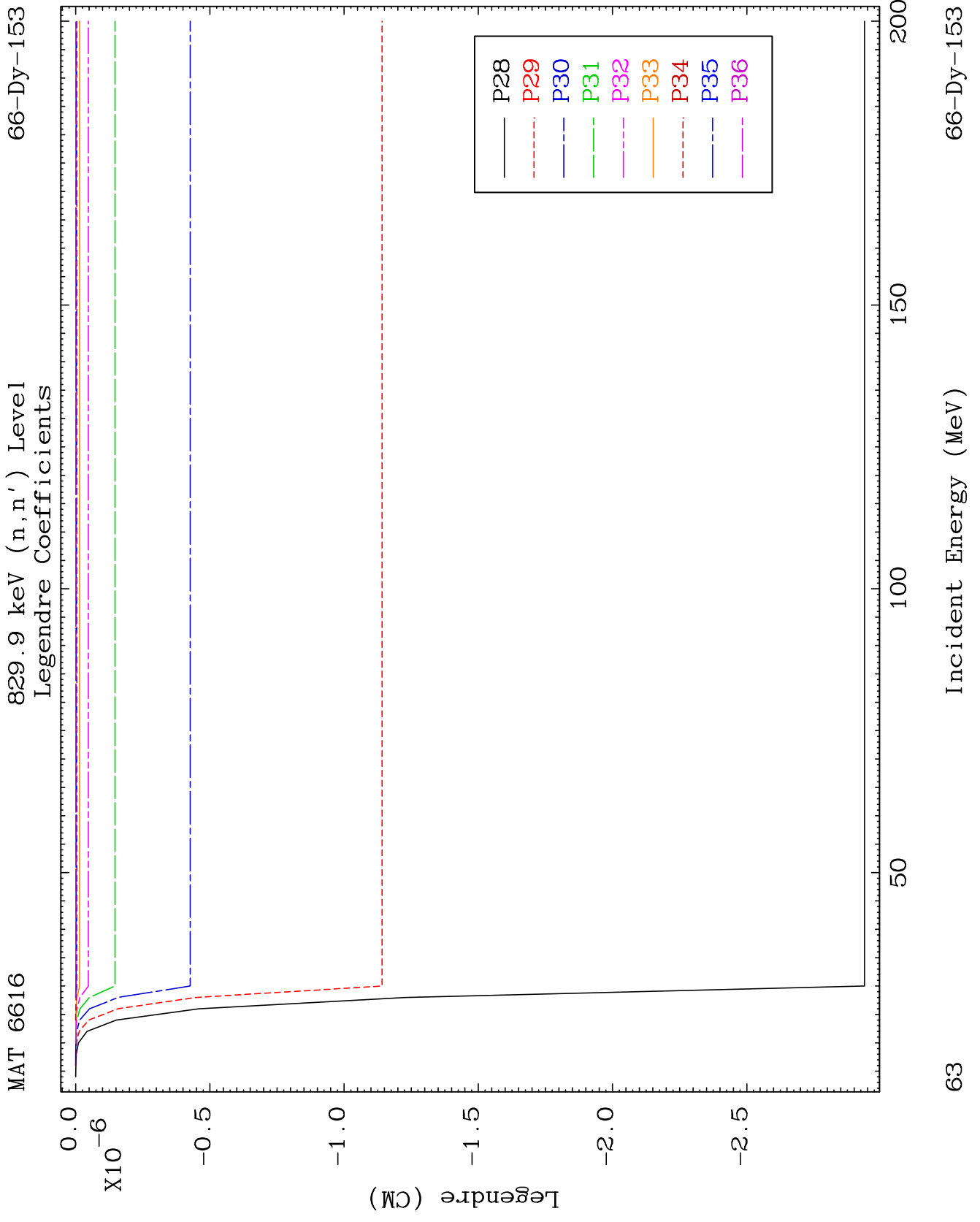
66-Dy-153



62

Incident Energy (MeV)

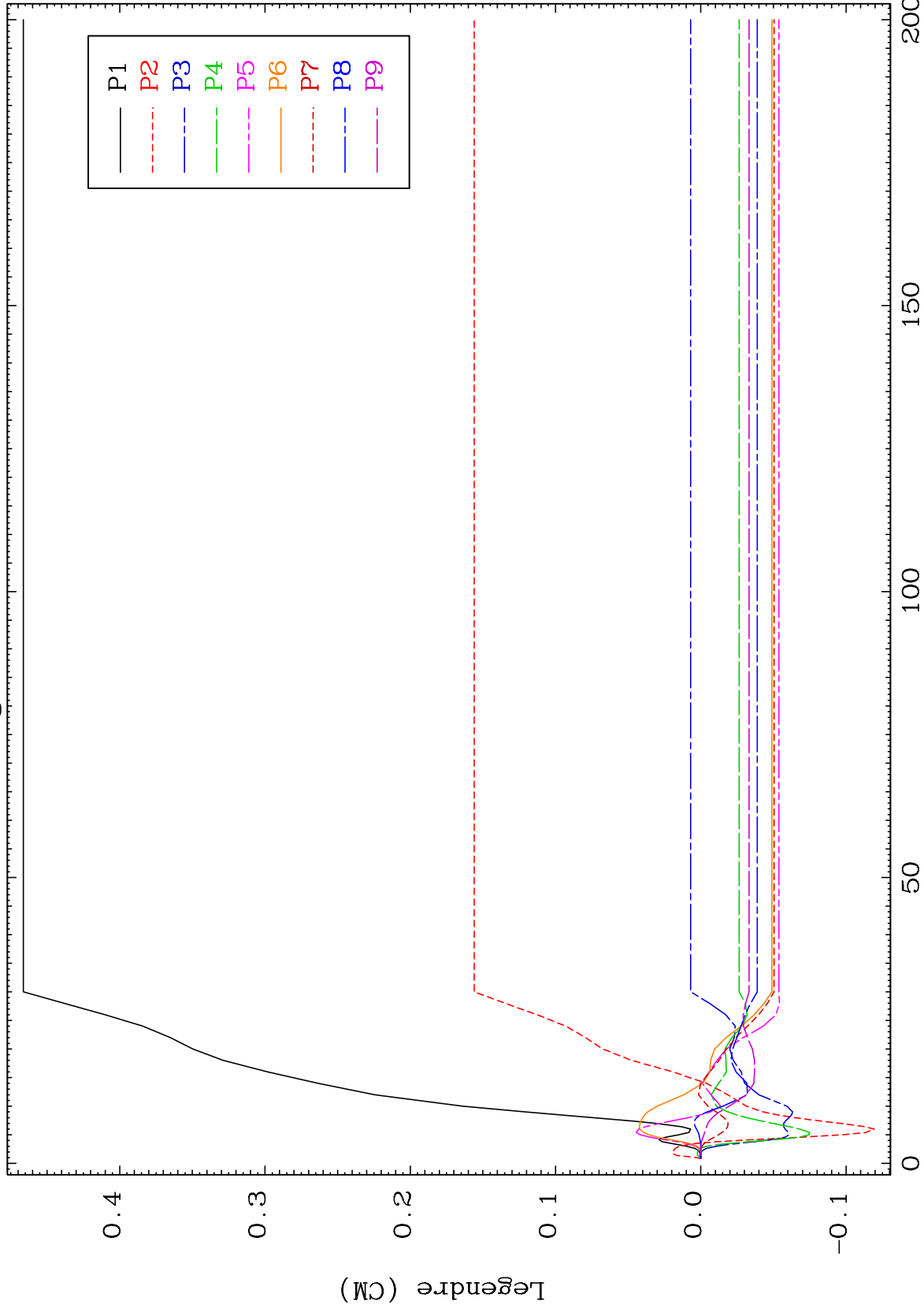
66-Dy-153



MAT 6616

834.0 keV (n,n') Level
Legendre Coefficients

66-Dy-153



64

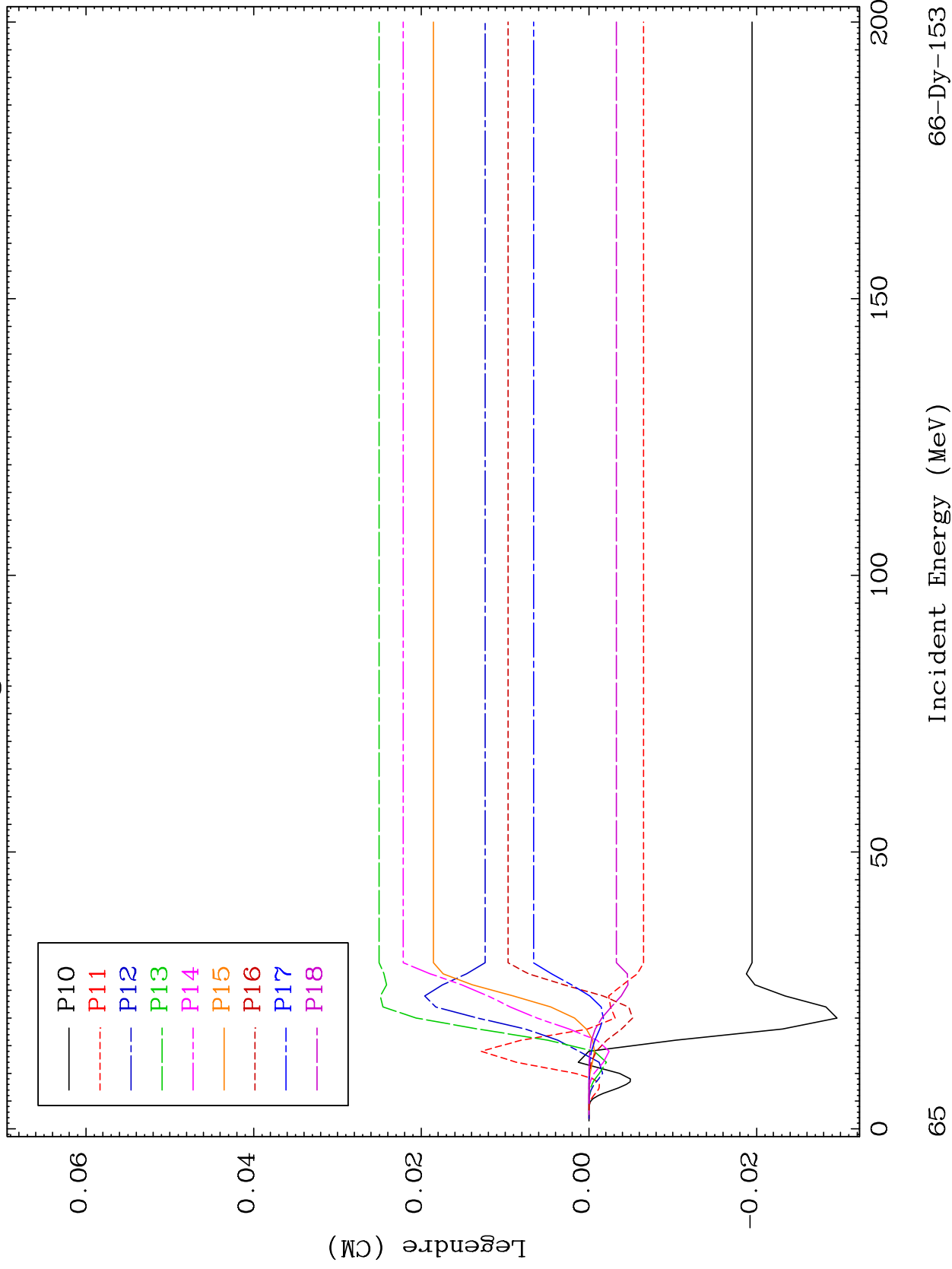
Incident Energy (MeV)

66-Dy-153

MAT 6616

834.0 keV (n,n') Level
Legendre Coefficients

66-Dy-153



66-Dy-153

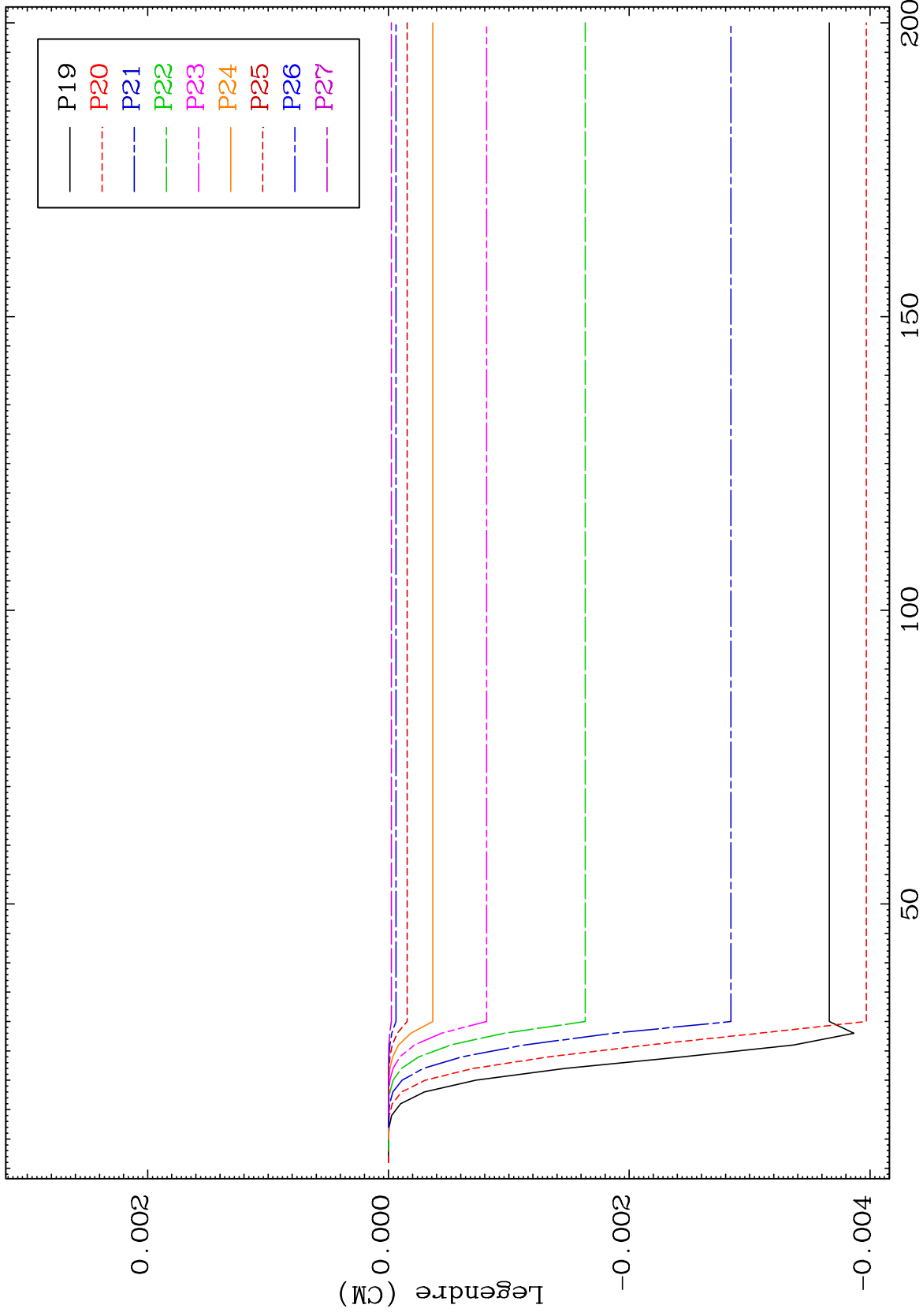
Incident Energy (MeV)

65

MAT 6616

834.0 keV (n,n') Level
Legendre Coefficients

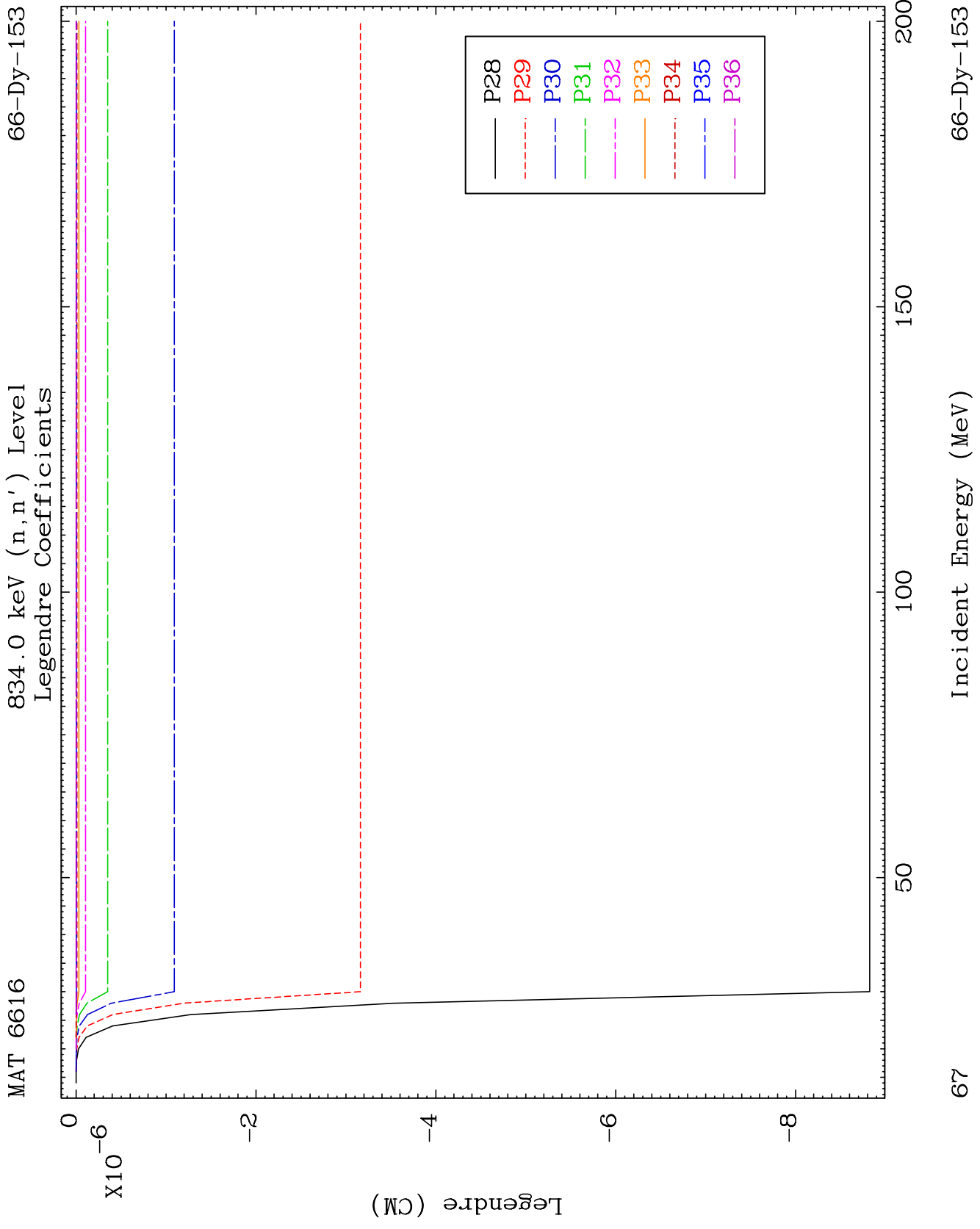
66-Dy-153



66

Incident Energy (MeV)

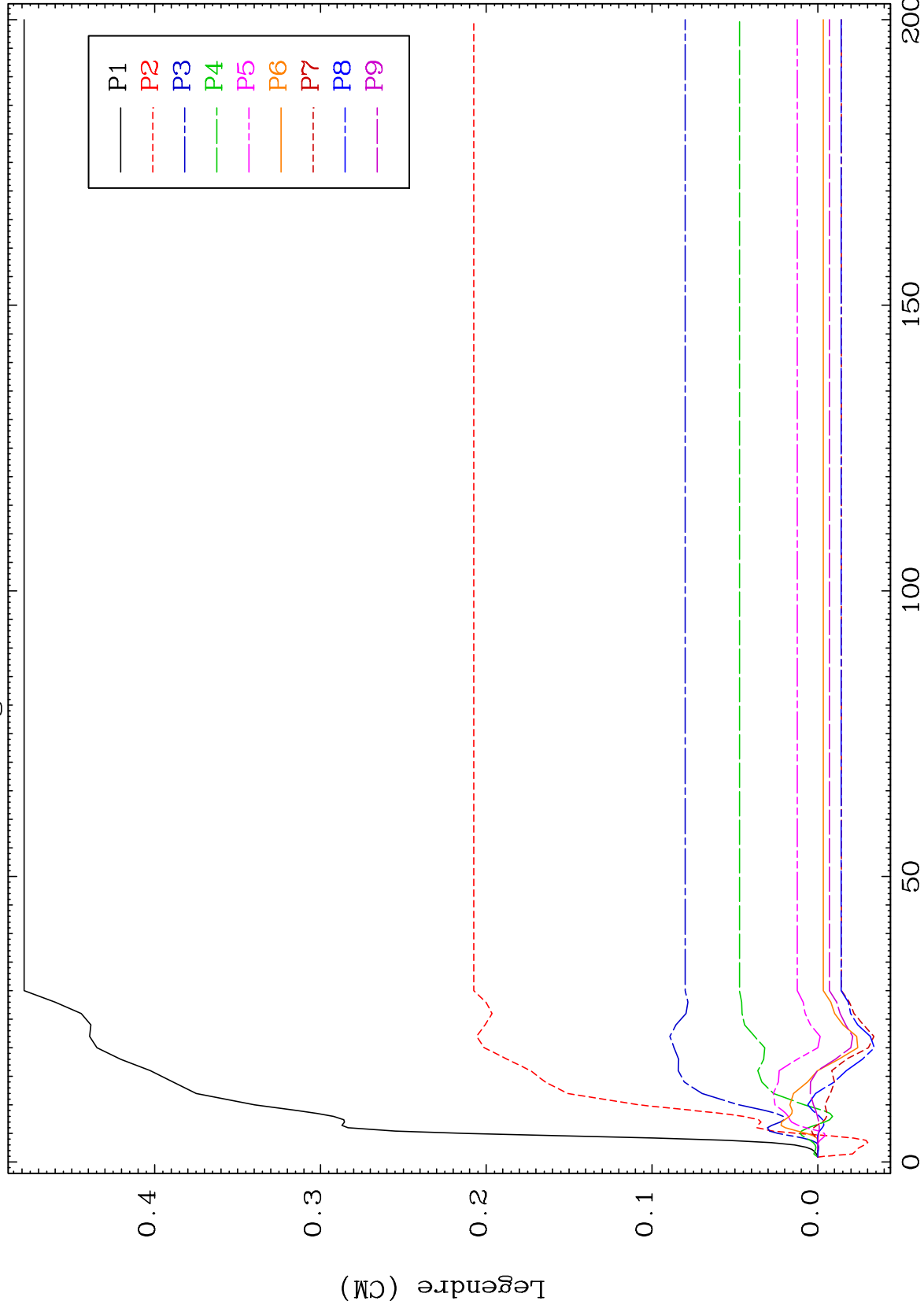
66-Dy-153



MAT 6616

837.5 keV (n,n') Level
Legendre Coefficients

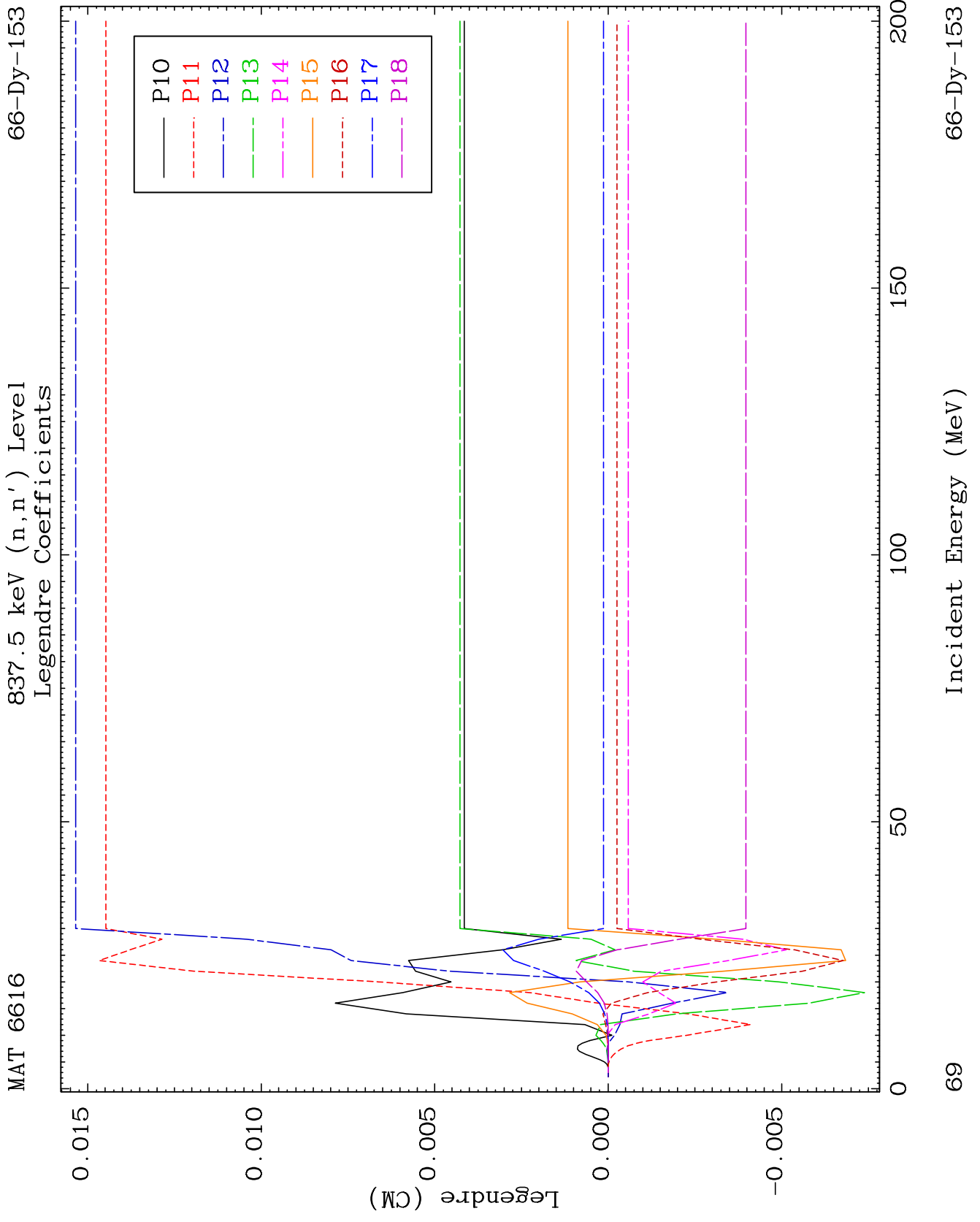
66-Dy-153



68

Incident Energy (MeV)

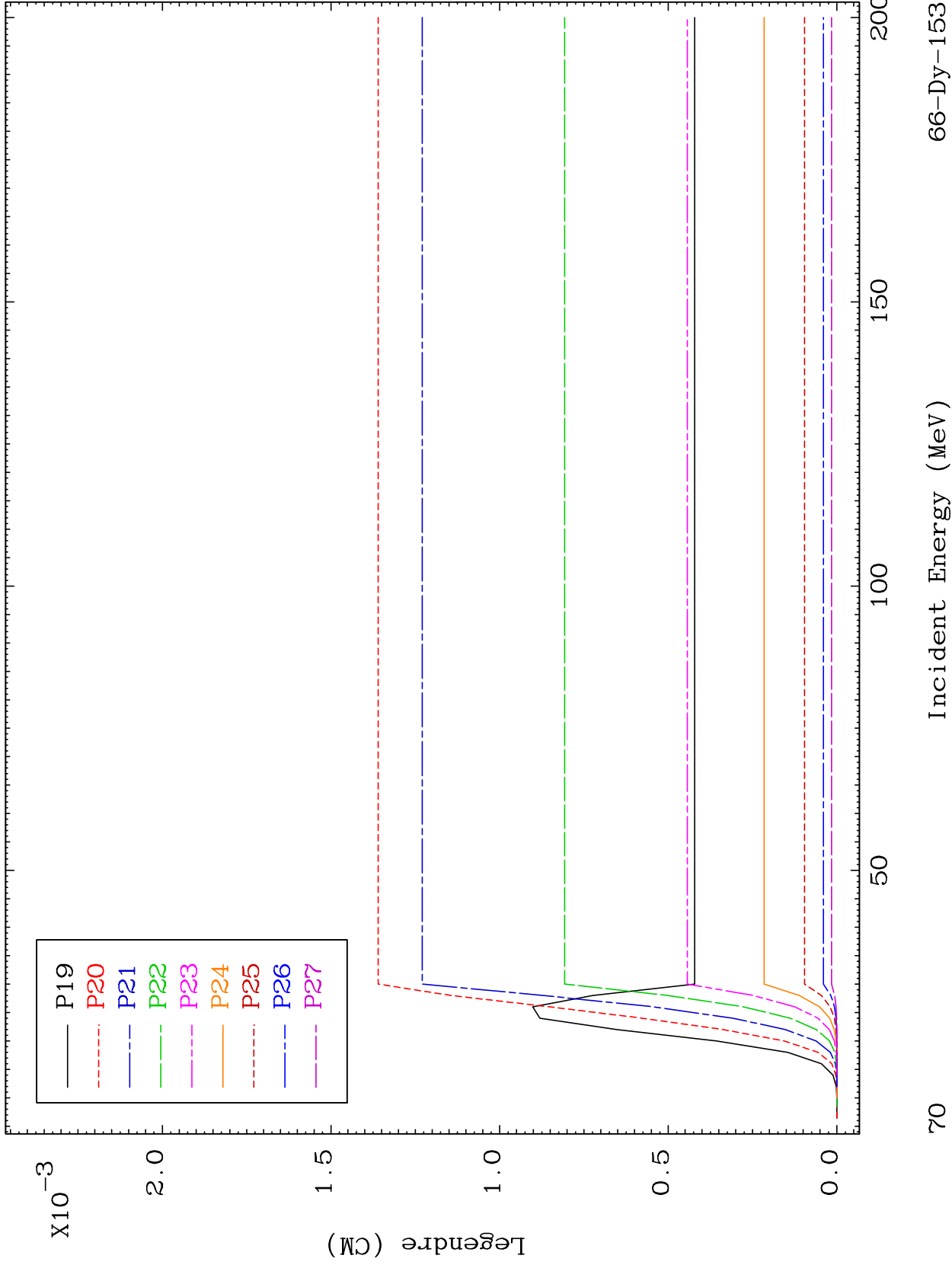
66-Dy-153



MAT 6616

837.5 keV (n,n') Level
Legendre Coefficients

66-Dy-153



70

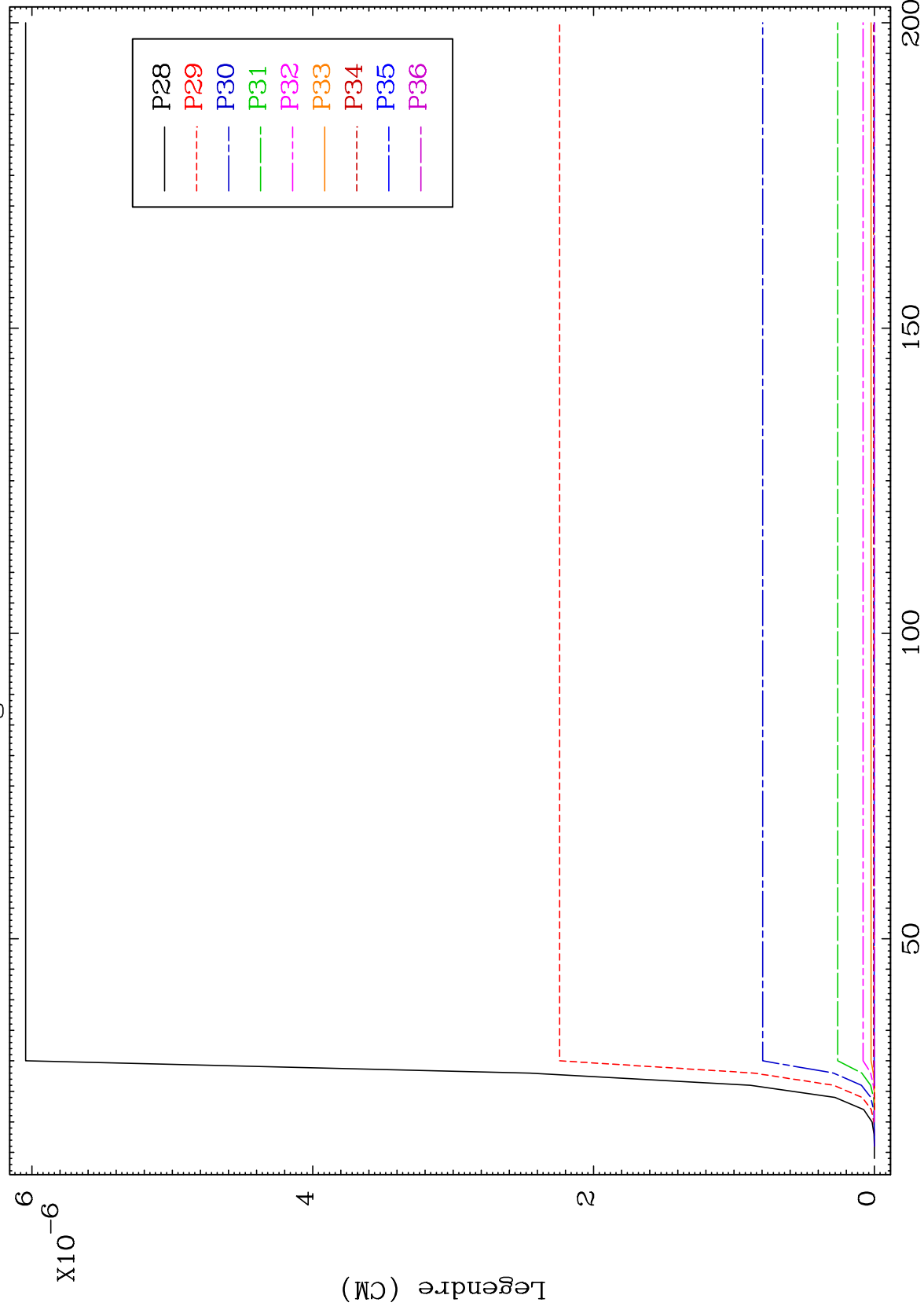
Incident Energy (MeV)

66-Dy-153

MAT 6616

837.5 keV (n,n') Level
Legendre Coefficients

66-Dy-153



66-Dy-153

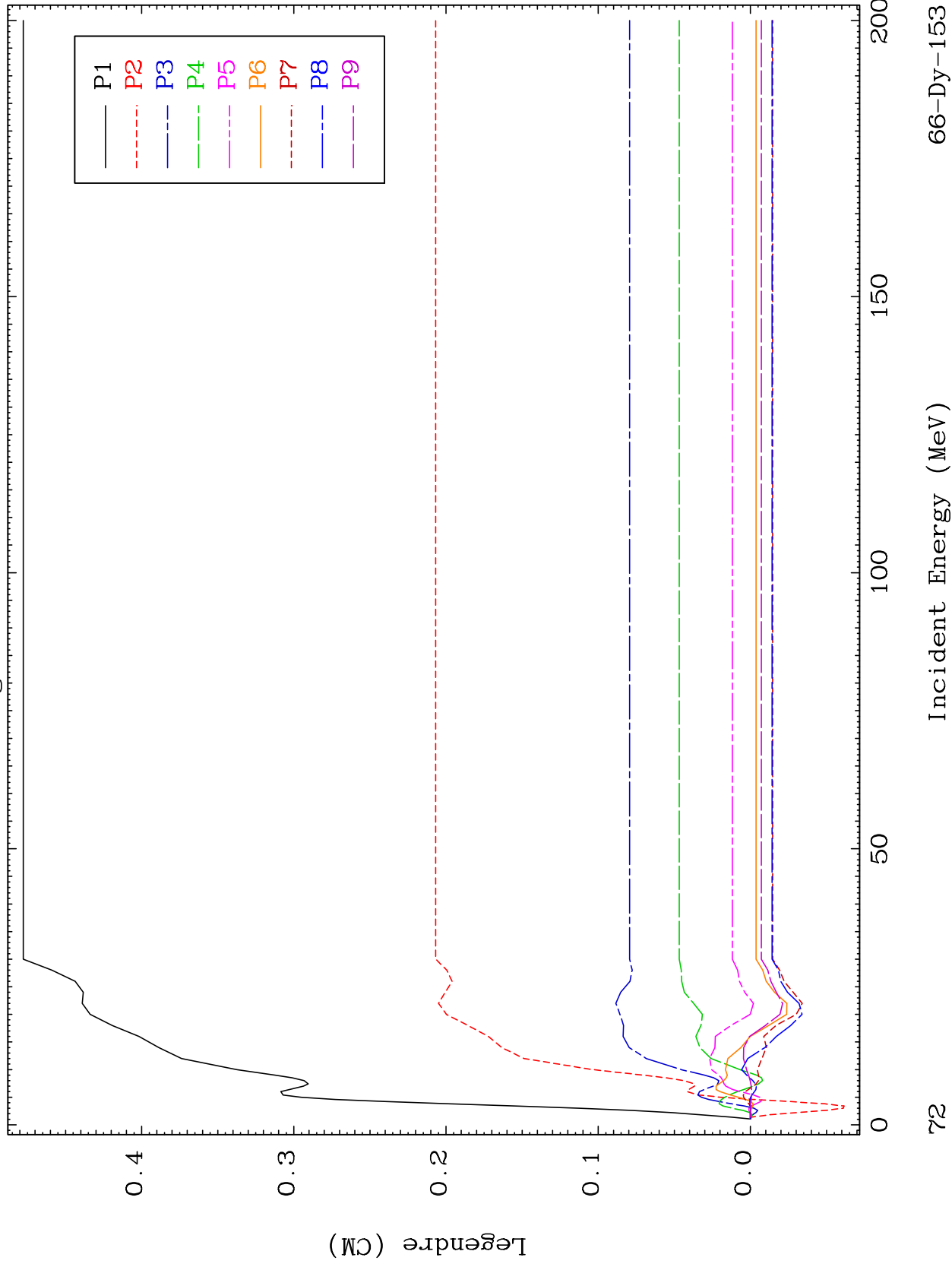
Incident Energy (MeV)

71

MAT 6616

1.041 MeV (n,n') Level
Legendre Coefficients

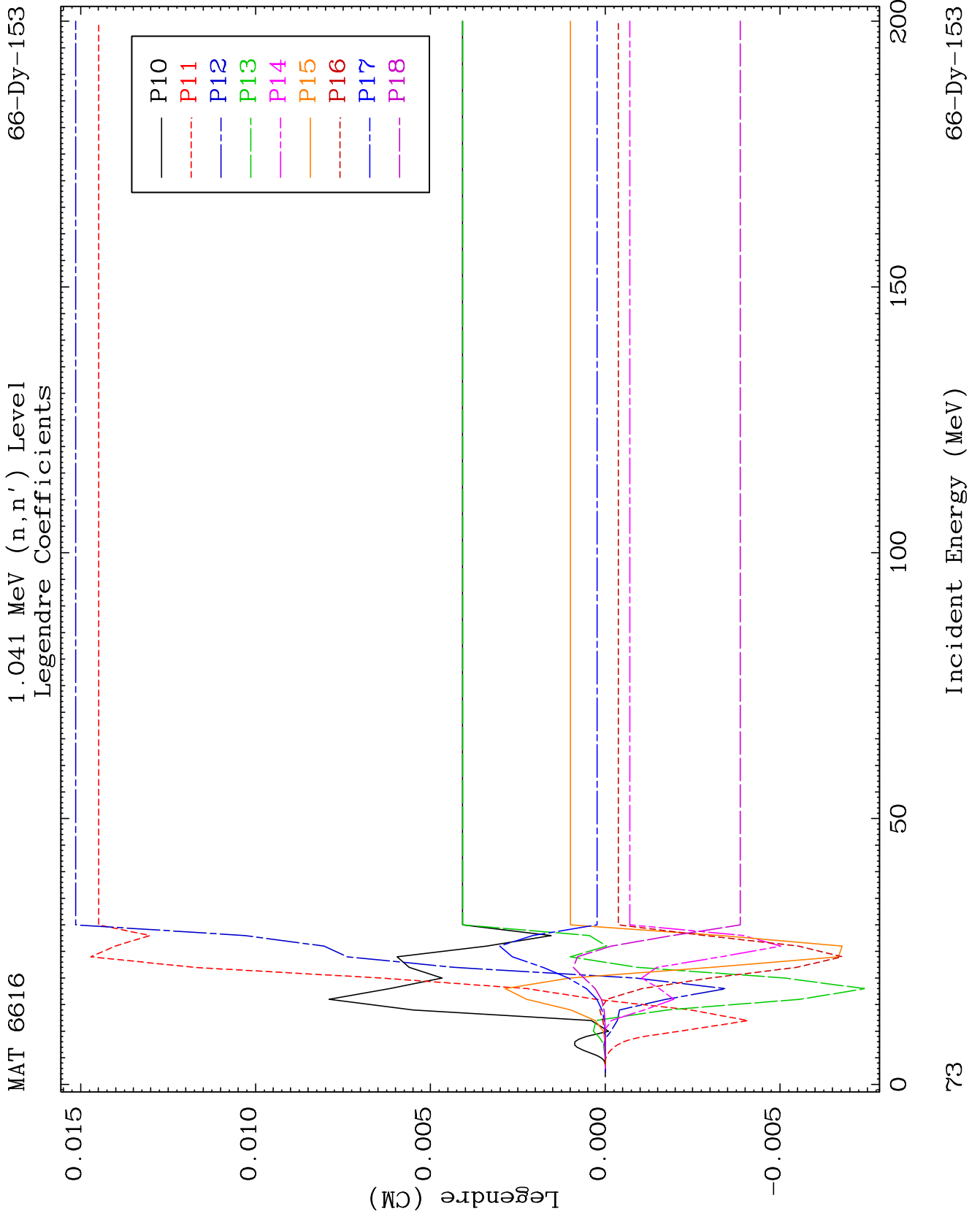
66-Dy-153



72

Incident Energy (MeV)

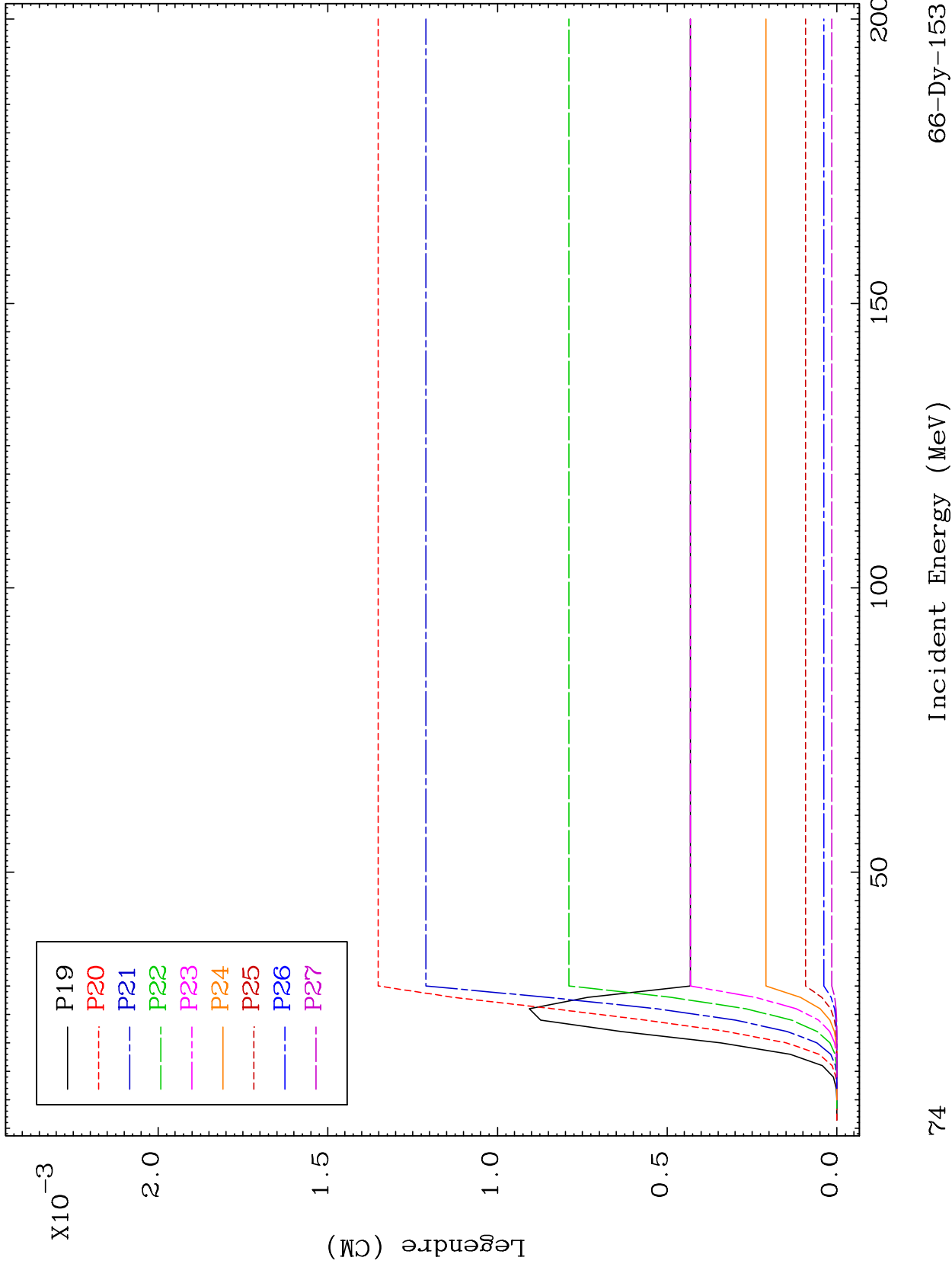
66-Dy-153



MAT 6616

1.041 MeV (n,n') Level
Legendre Coefficients

66-Dy-153



74

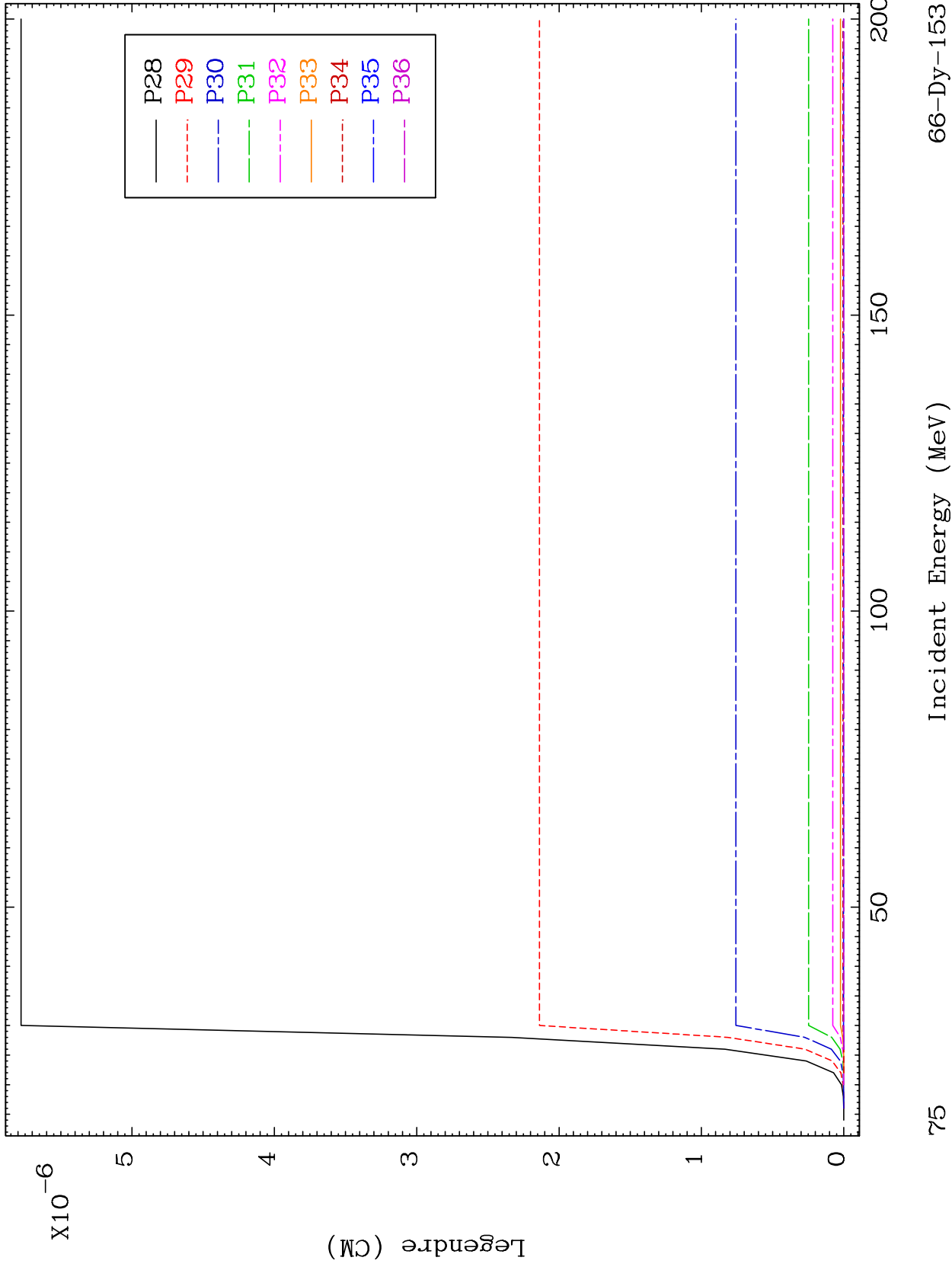
Incident Energy (MeV)

66-Dy-153

MAT 6616

1.041 MeV (n,n') Level
Legendre Coefficients

66-Dy-153



75

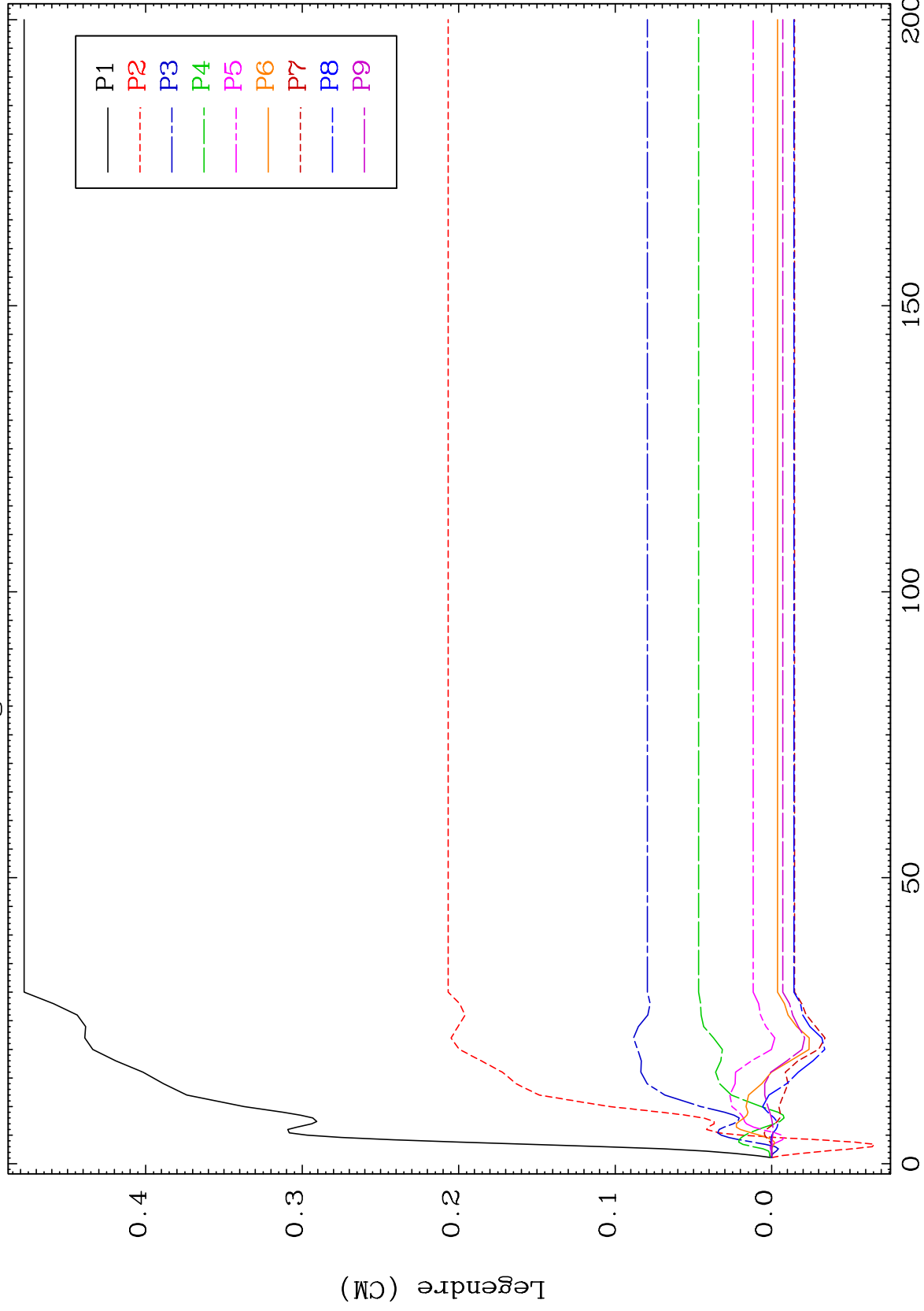
Incident Energy (MeV)

66-Dy-153

MAT 6616

1.055 MeV (n,n') Level
Legendre Coefficients

66-Dy-153



76

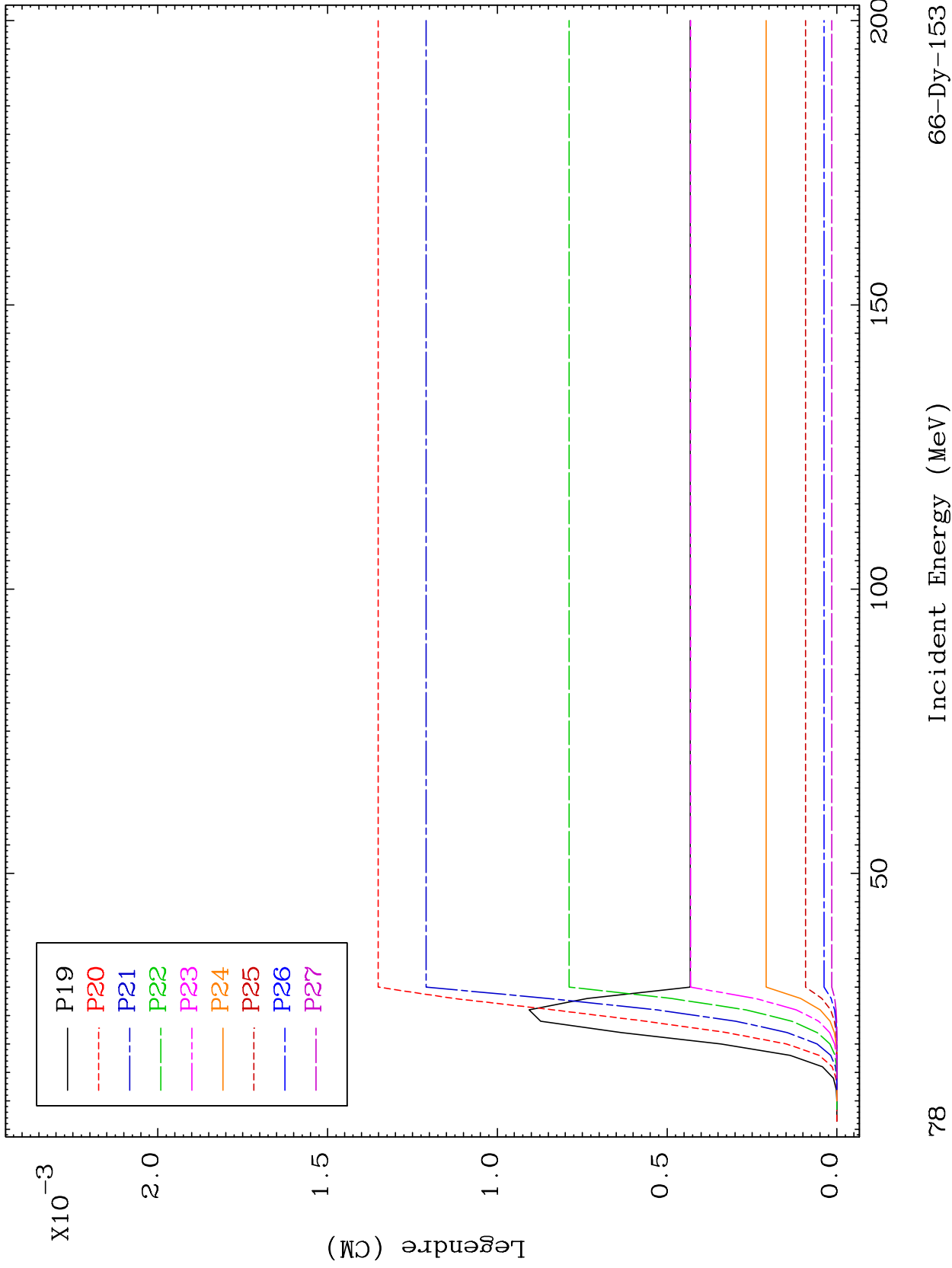
Incident Energy (MeV)

66-Dy-153

MAT 6616

1.055 MeV (n,n') Level
Legendre Coefficients

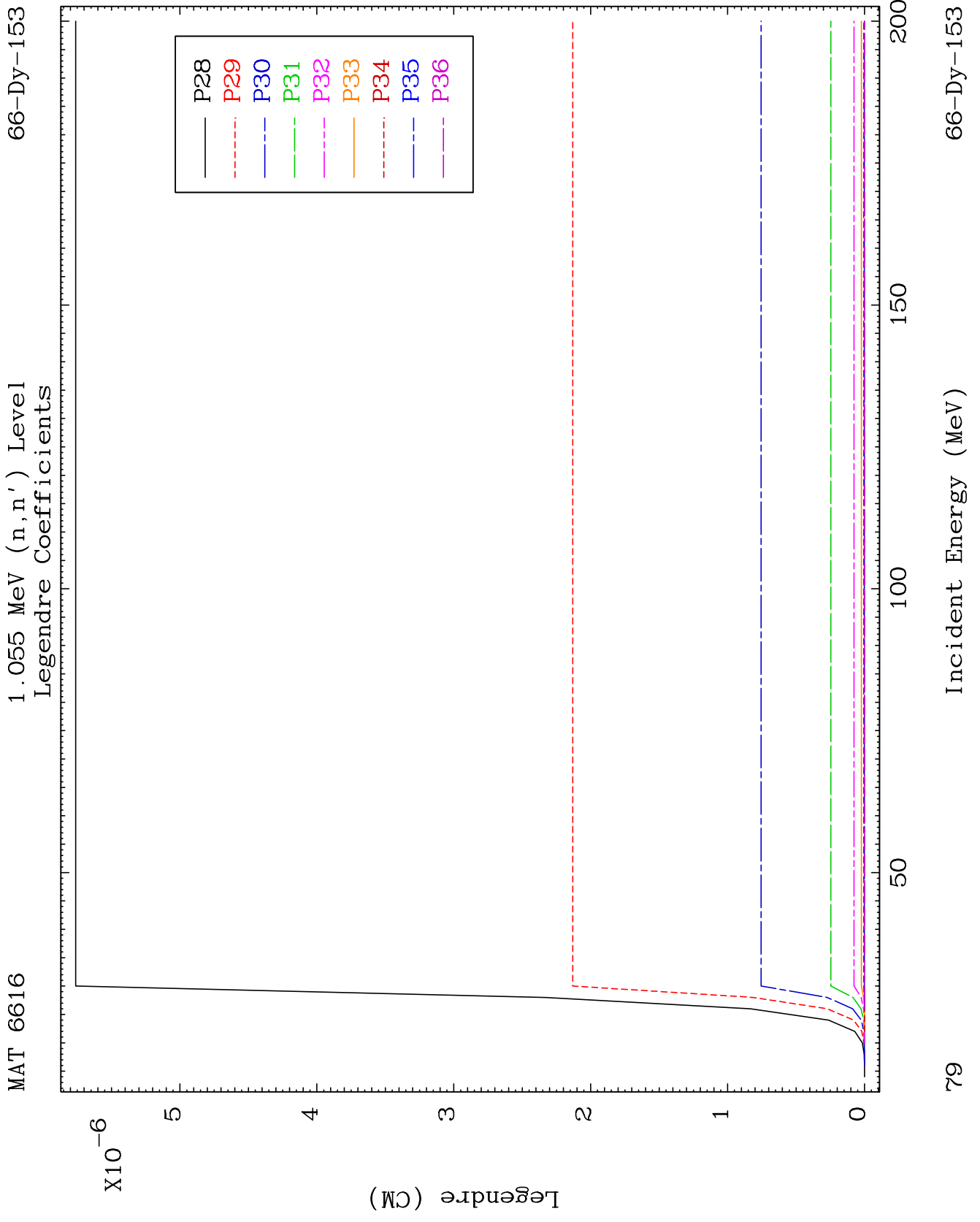
66-Dy-153



78

Incident Energy (MeV)

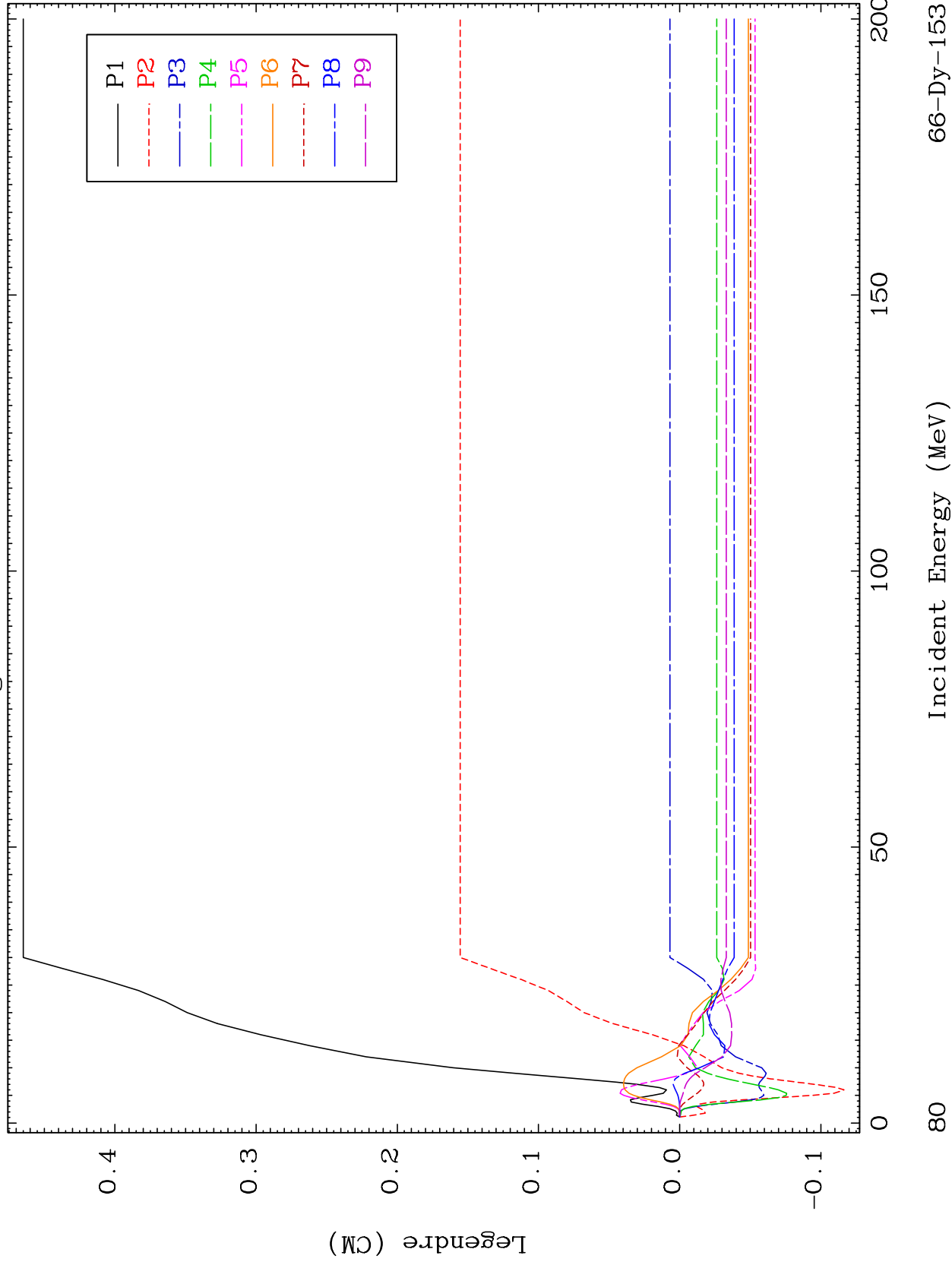
66-Dy-153



MAT 6616

1.068 MeV (n,n') Level
Legendre Coefficients

66-Dy-153

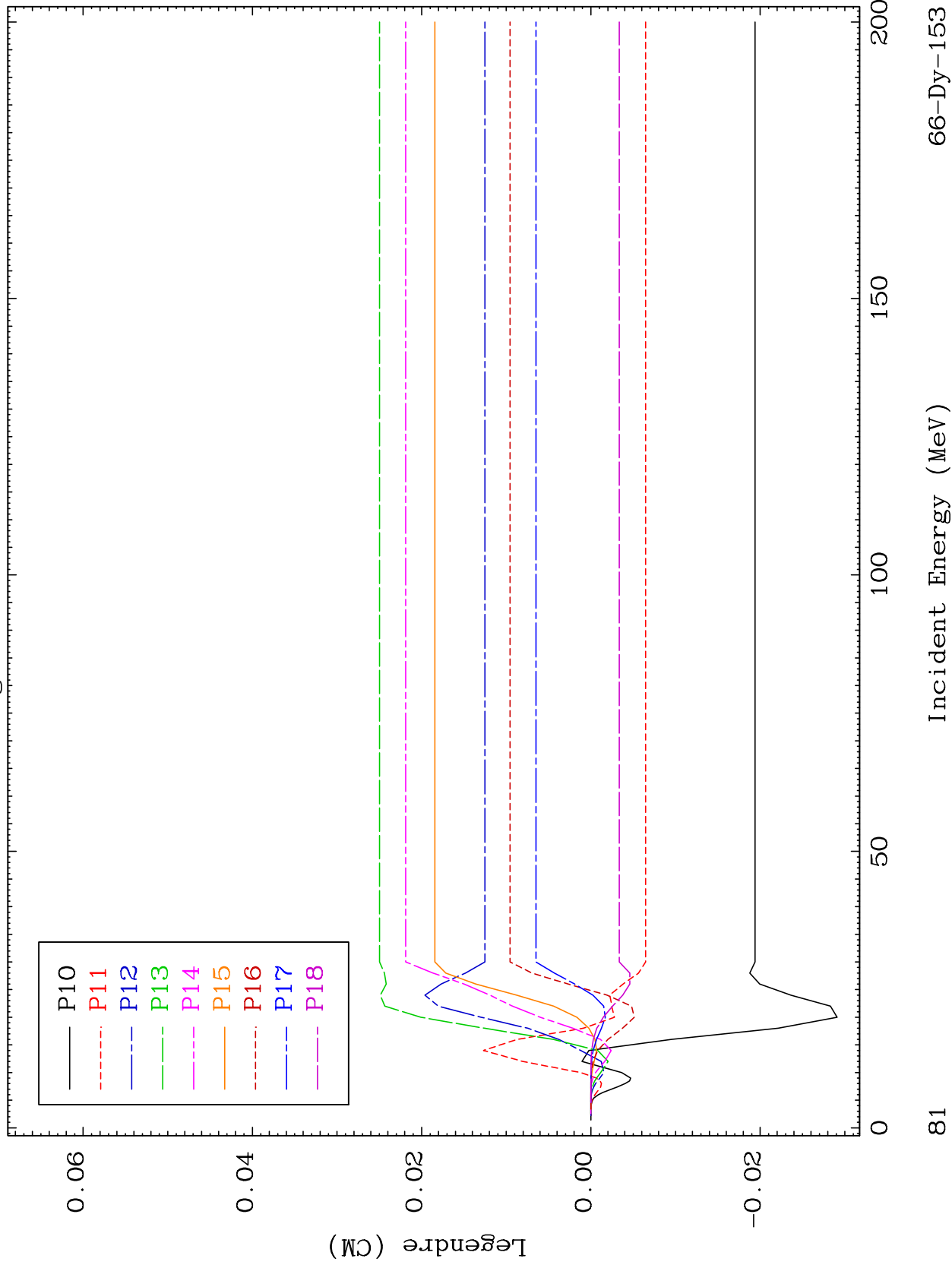


66-Dy-153

MAT 6616

1.068 MeV (n,n') Level
Legendre Coefficients

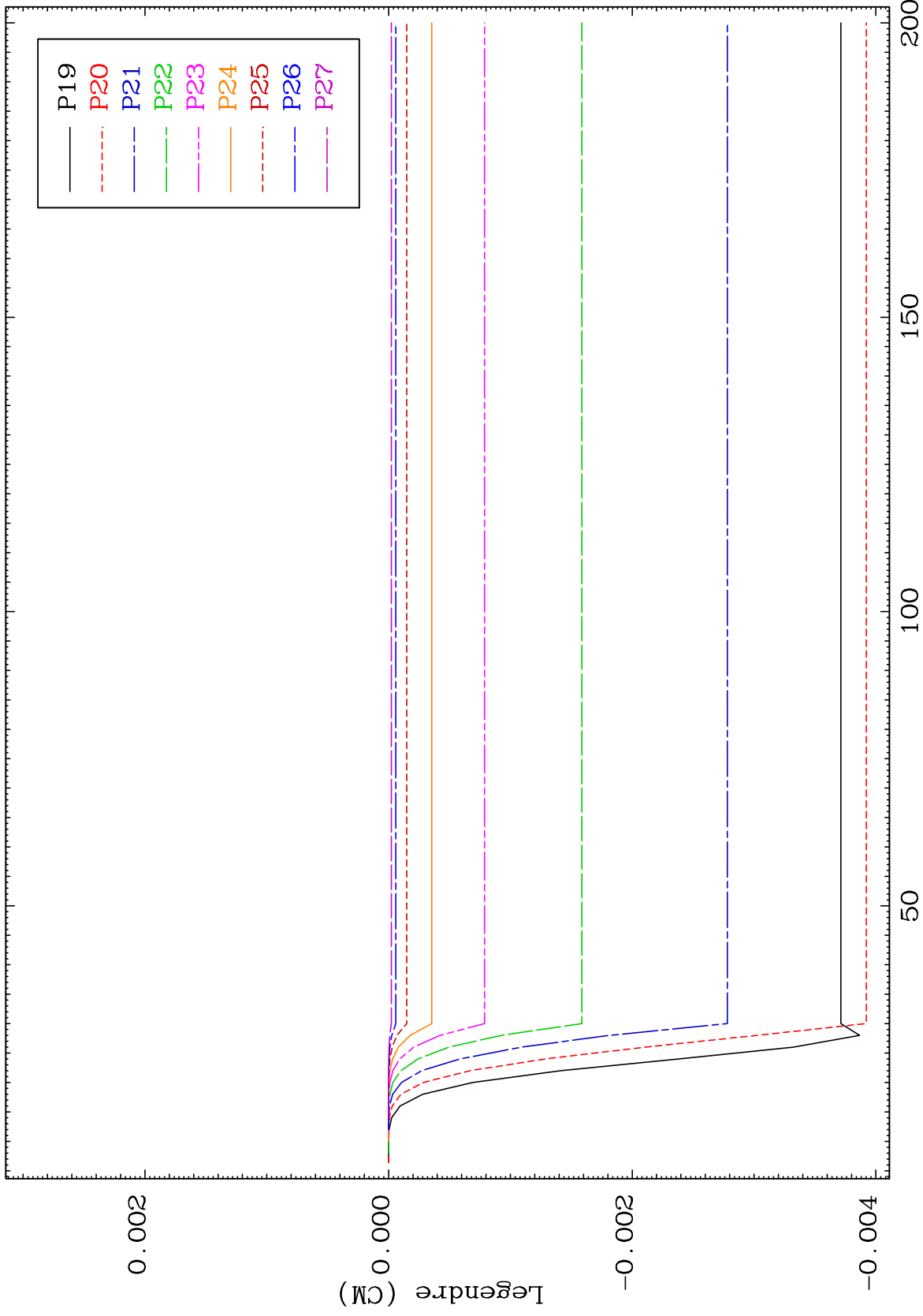
66-Dy-153



81

Incident Energy (MeV)

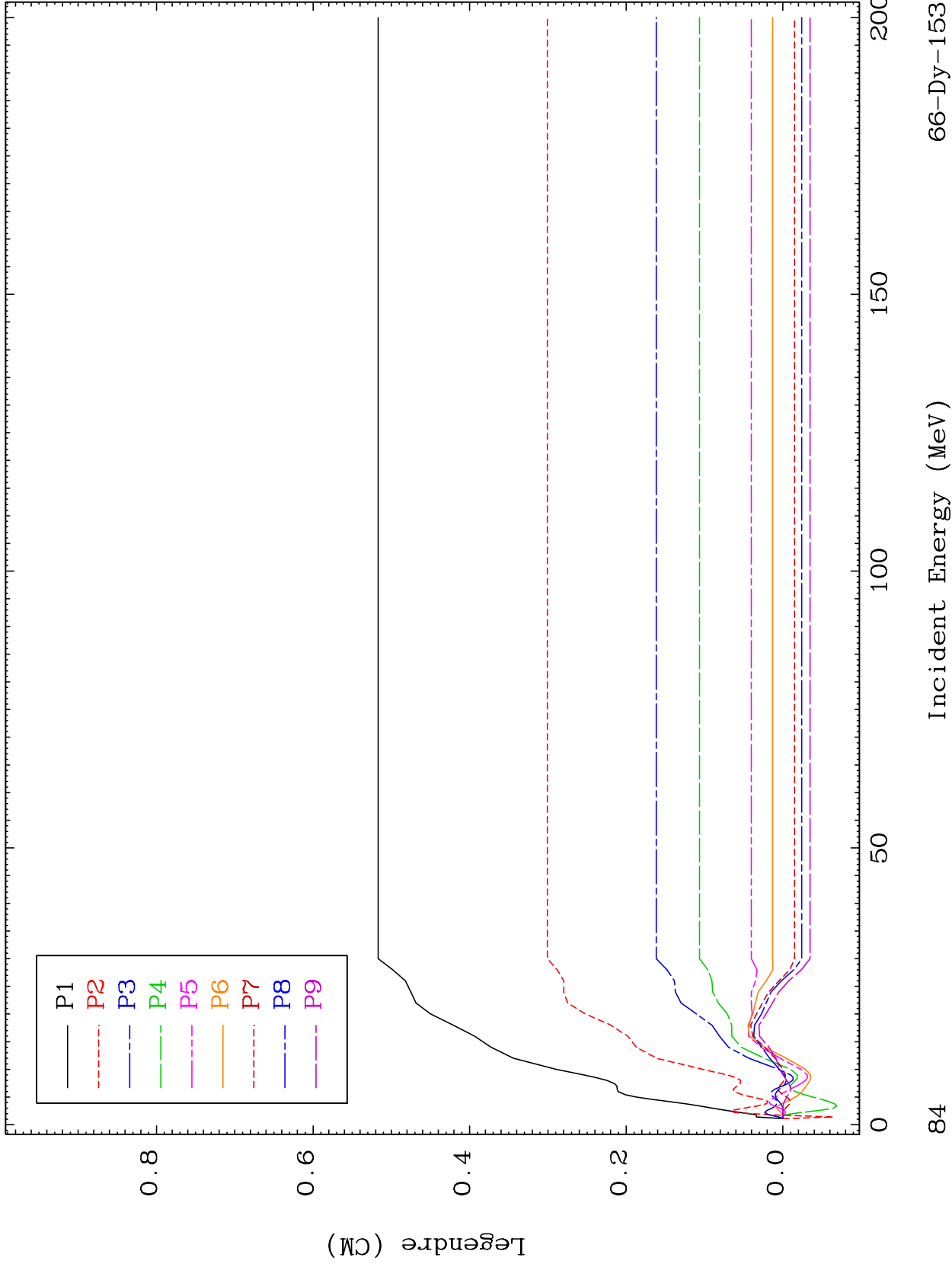
66-Dy-153



MAT 6616

1.092 MeV (n,n') Level
Legendre Coefficients

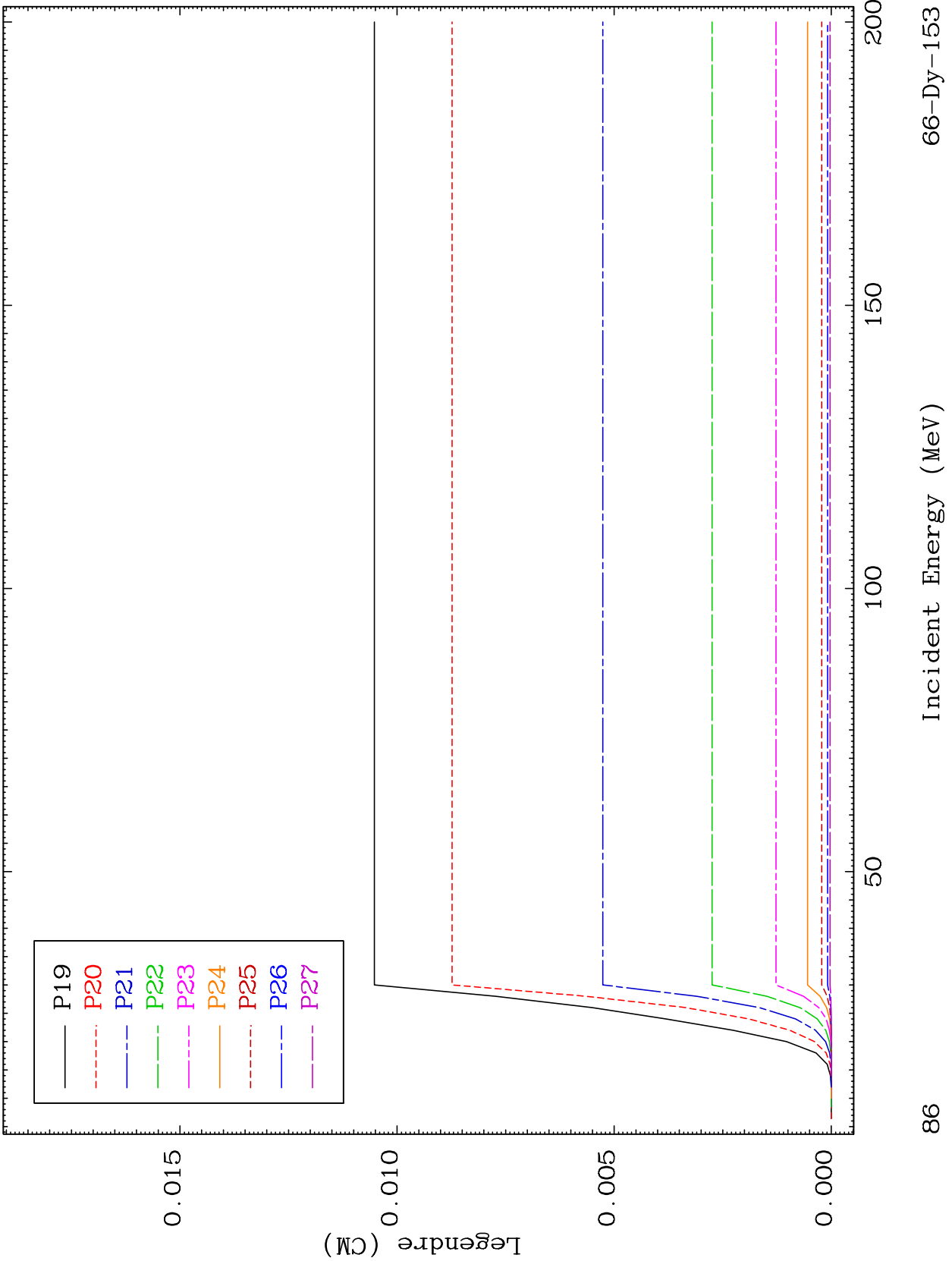
66-Dy-153



84

Incident Energy (MeV)

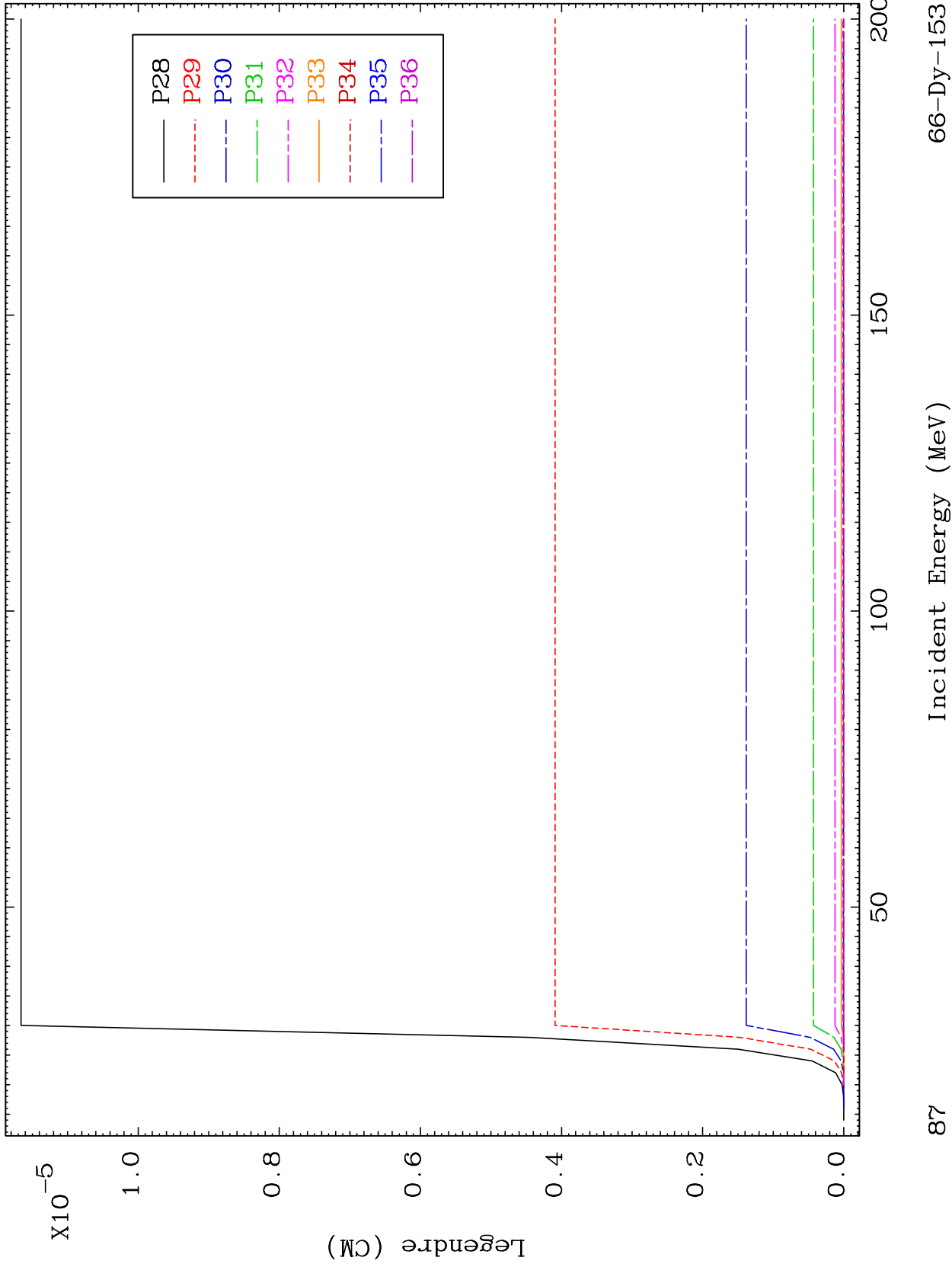
66-Dy-153

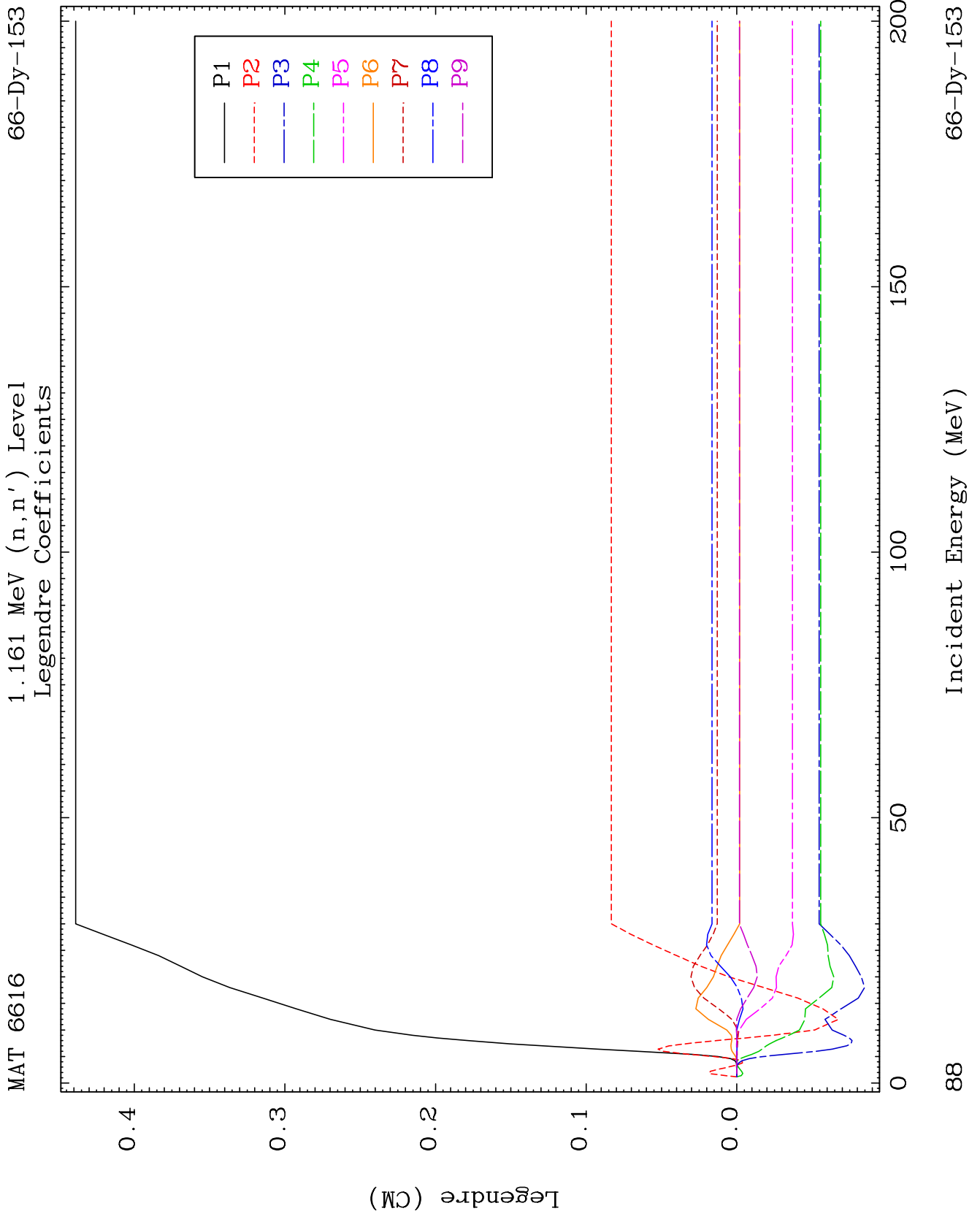


MAT 6616

1.092 MeV (n,n') Level
Legendre Coefficients

66-Dy-153

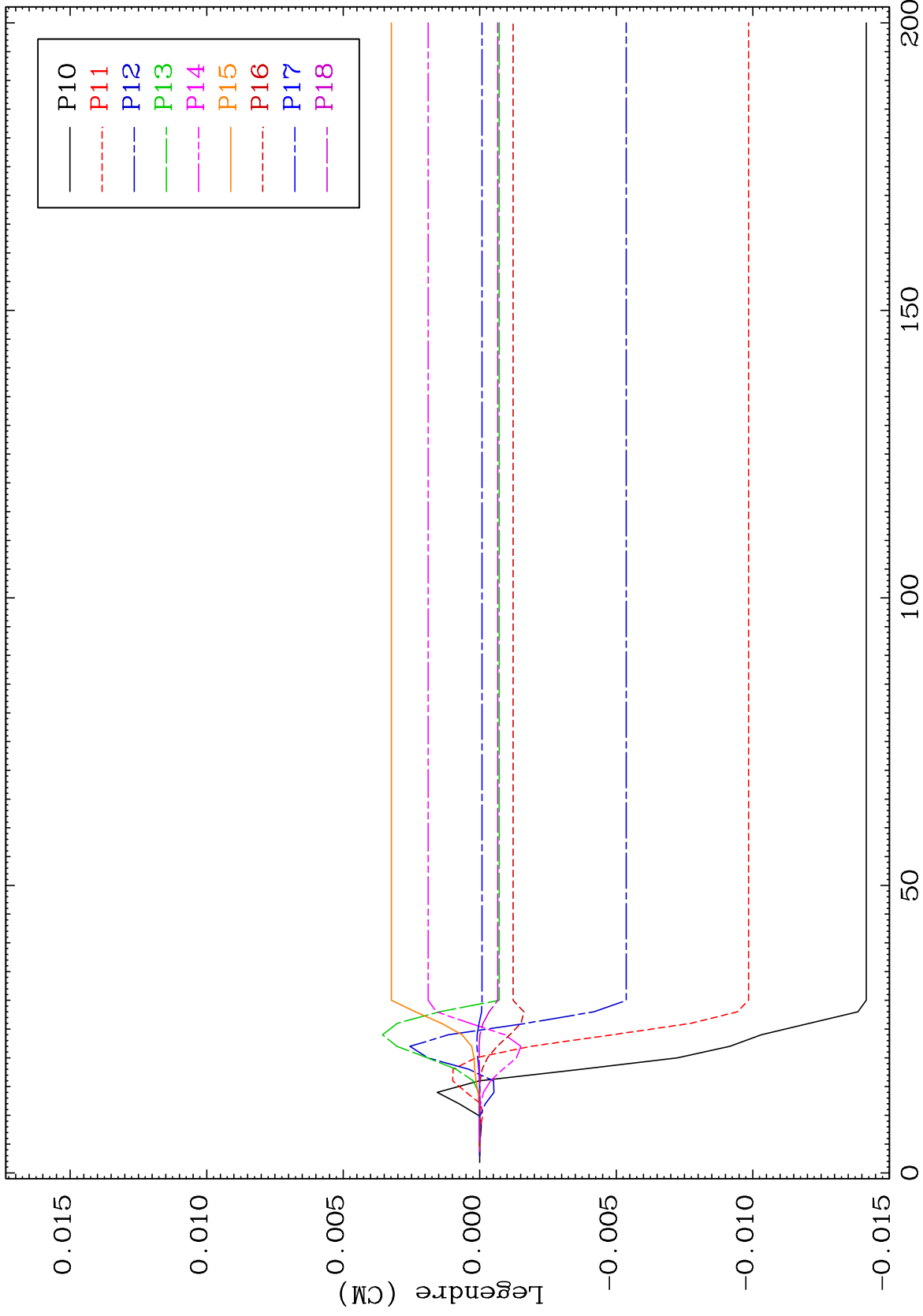




MAT 6616

1.161 MeV (n,n') Level
Legendre Coefficients

66-Dy-153



89

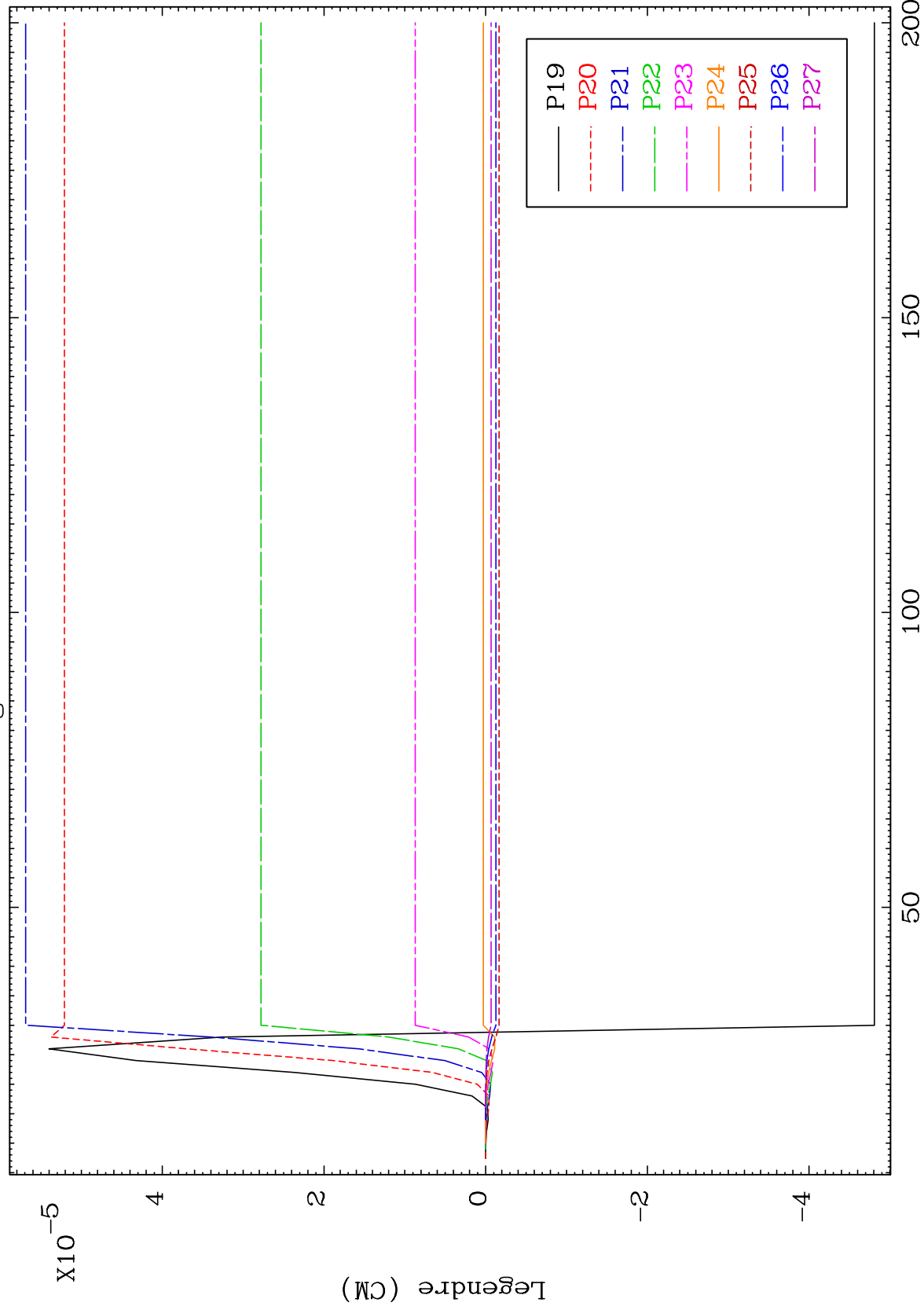
Incident Energy (MeV)

66-Dy-153

MAT 6616

1.161 MeV (n,n') Level
Legendre Coefficients

66-Dy-153



66-Dy-153

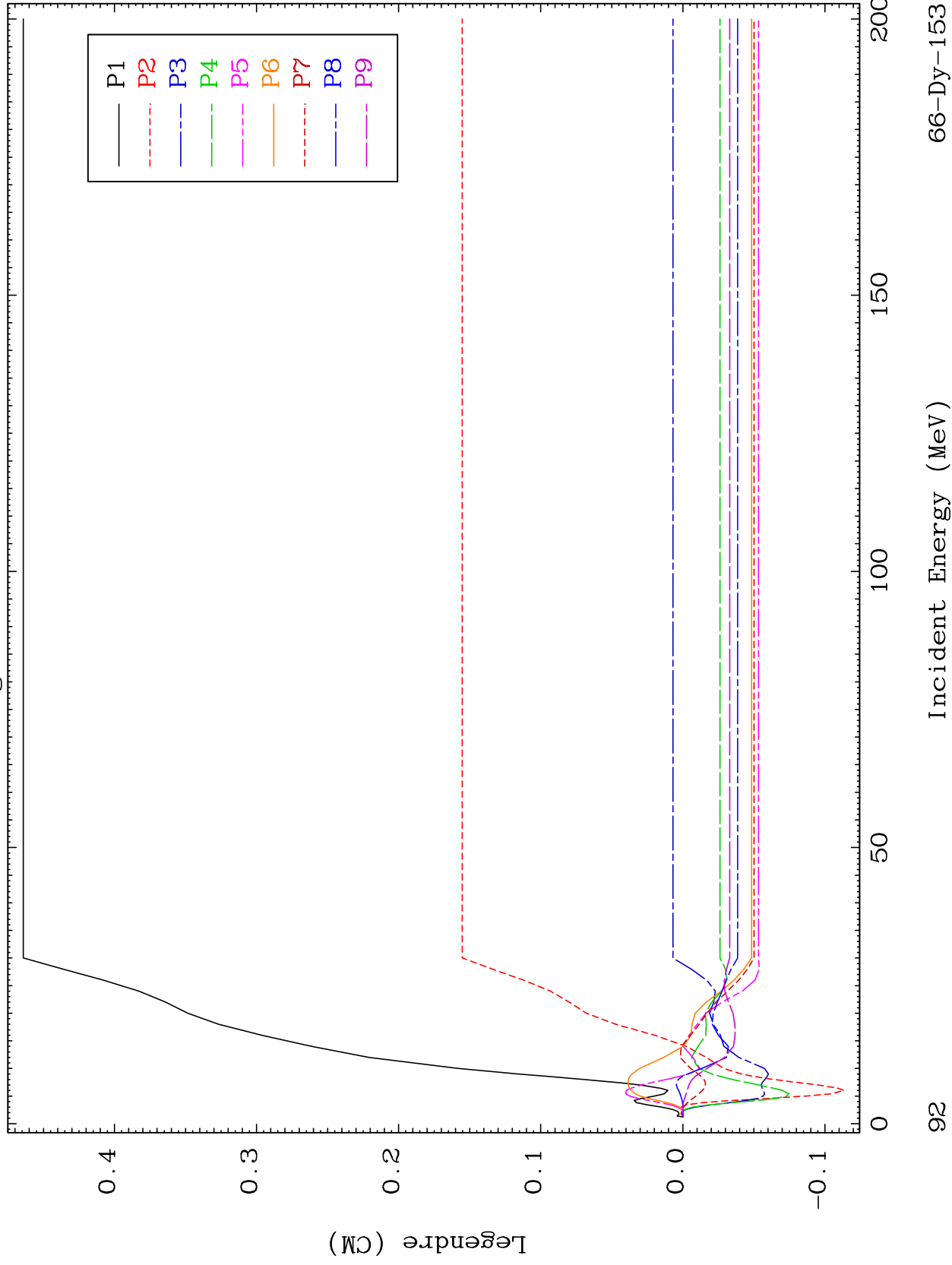
Incident Energy (MeV)

90

MAT 6616

1.189 MeV (n,n') Level
Legendre Coefficients

66-Dy-153



66-Dy-153

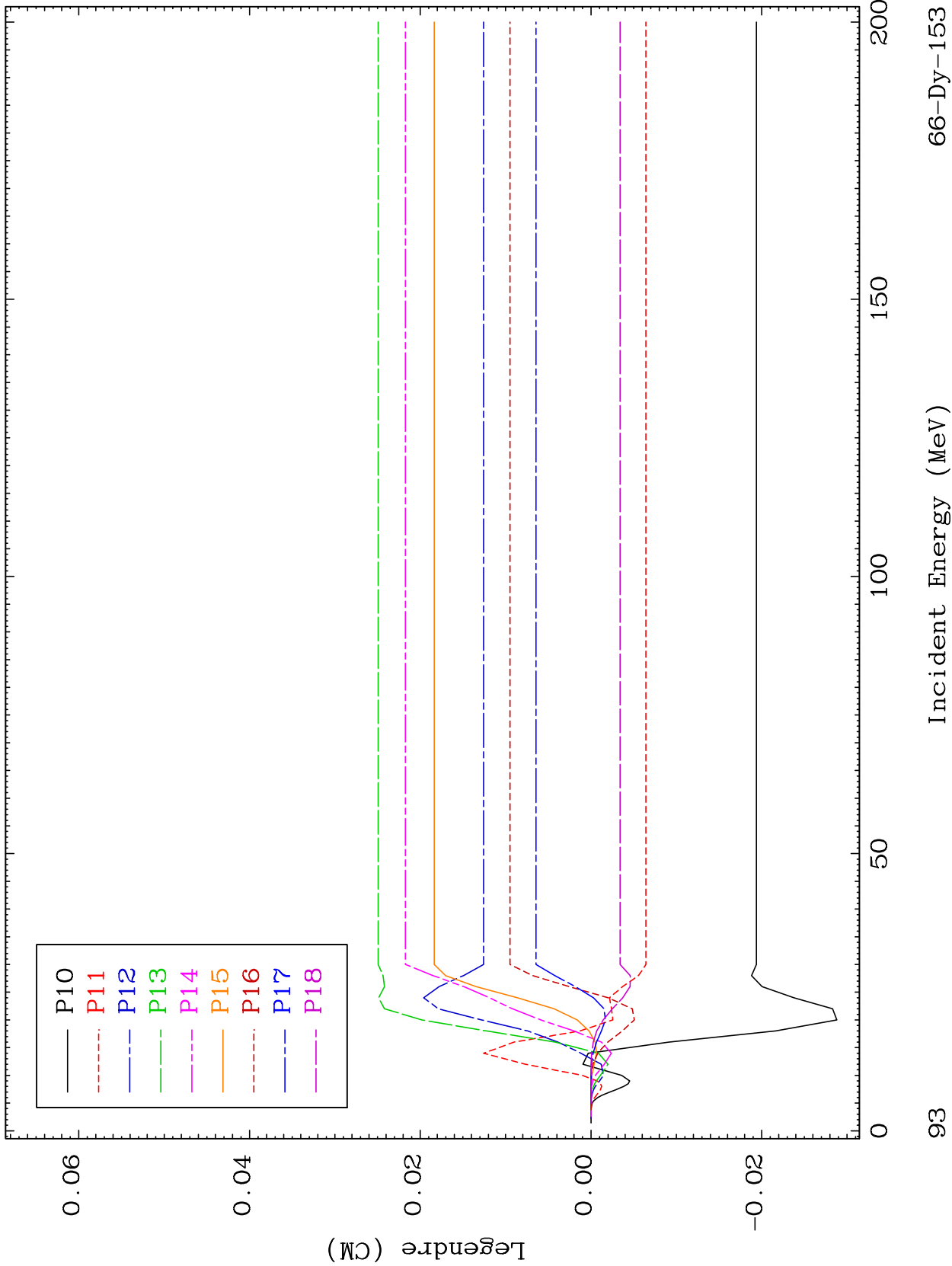
Incident Energy (MeV)

92

MAT 6616

1.189 MeV (n,n') Level
Legendre Coefficients

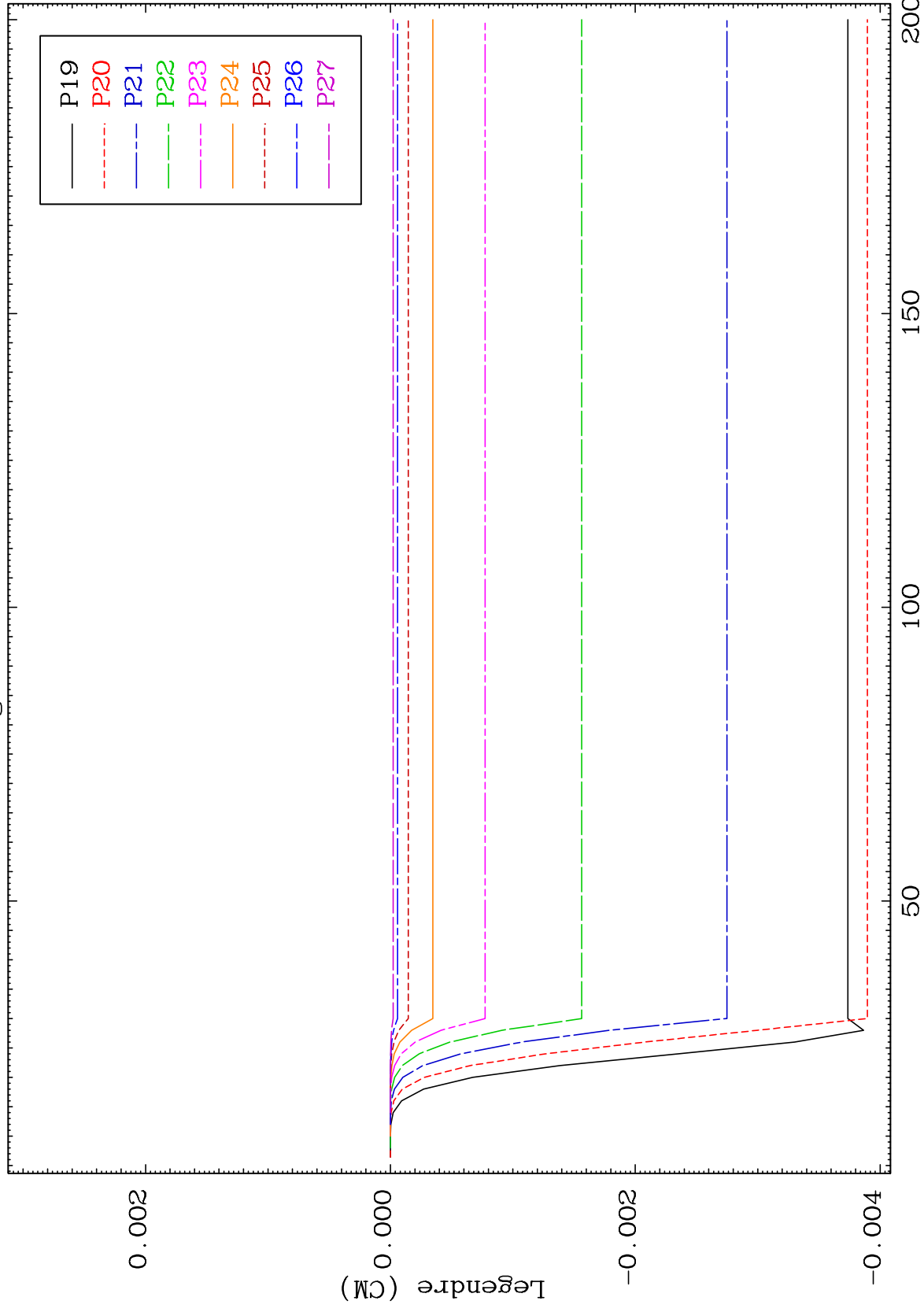
66-Dy-153

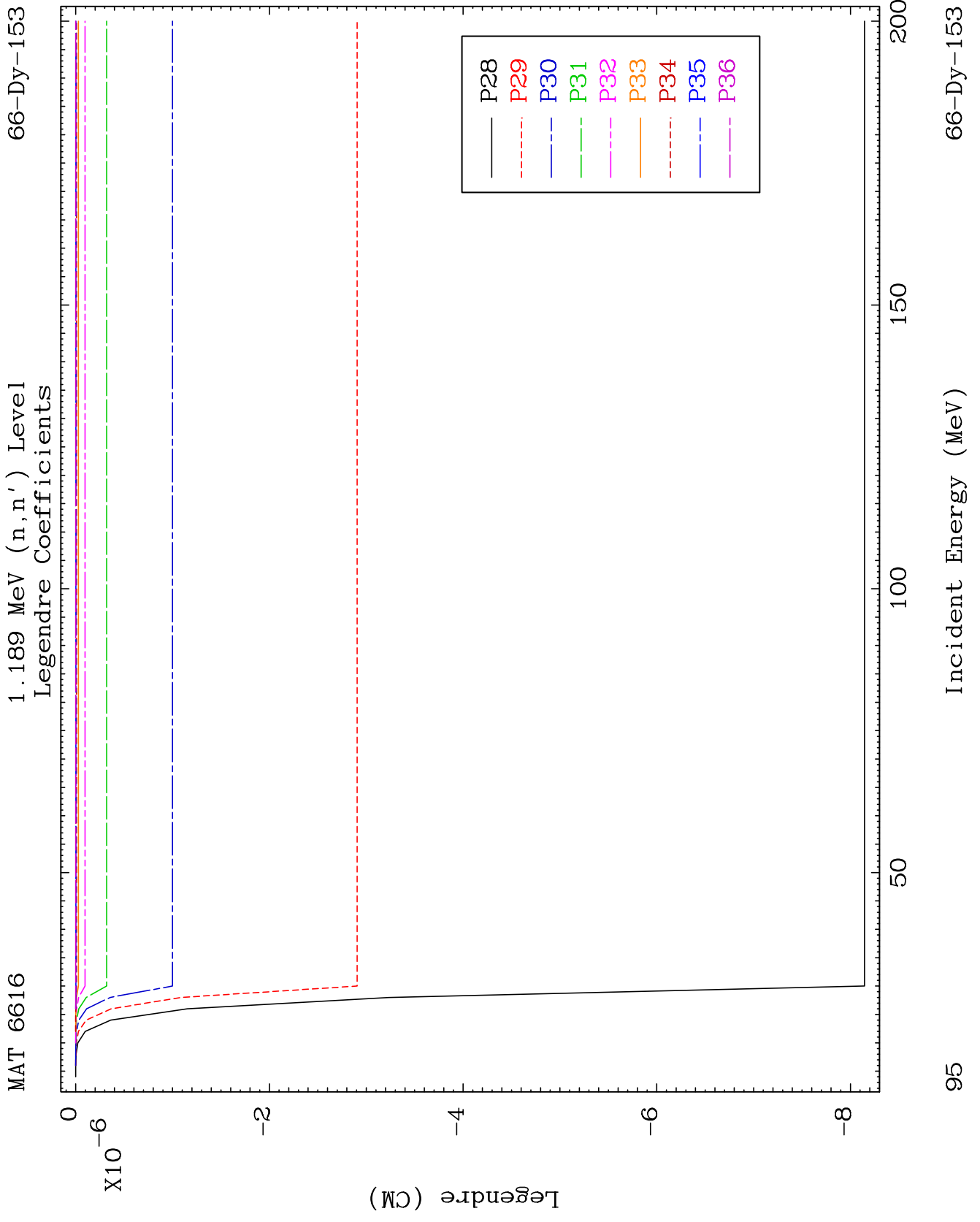


93

Incident Energy (MeV)

66-Dy-153

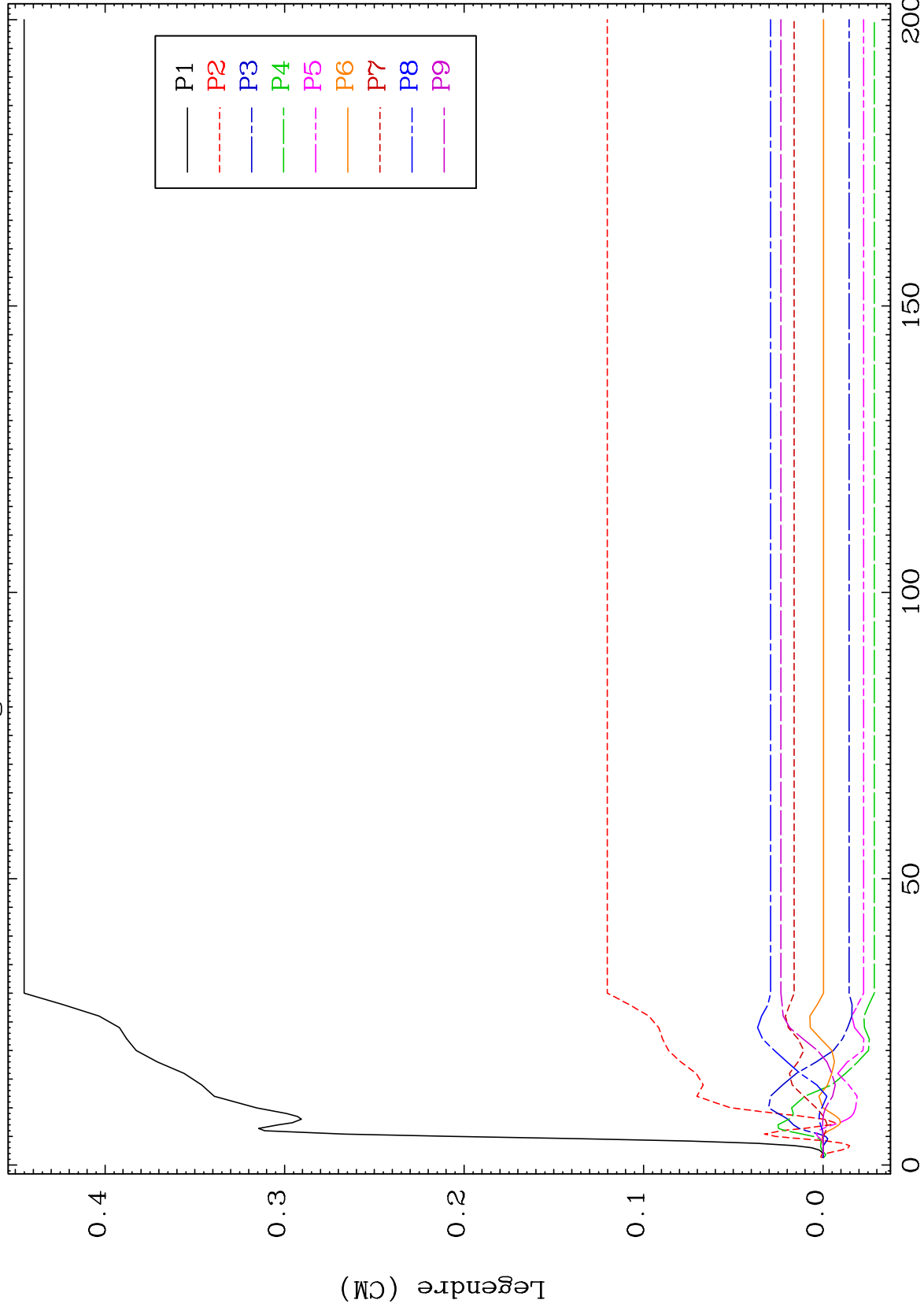




MAT 6616

1.273 MeV (n,n') Level
Legendre Coefficients

66-Dy-153



96

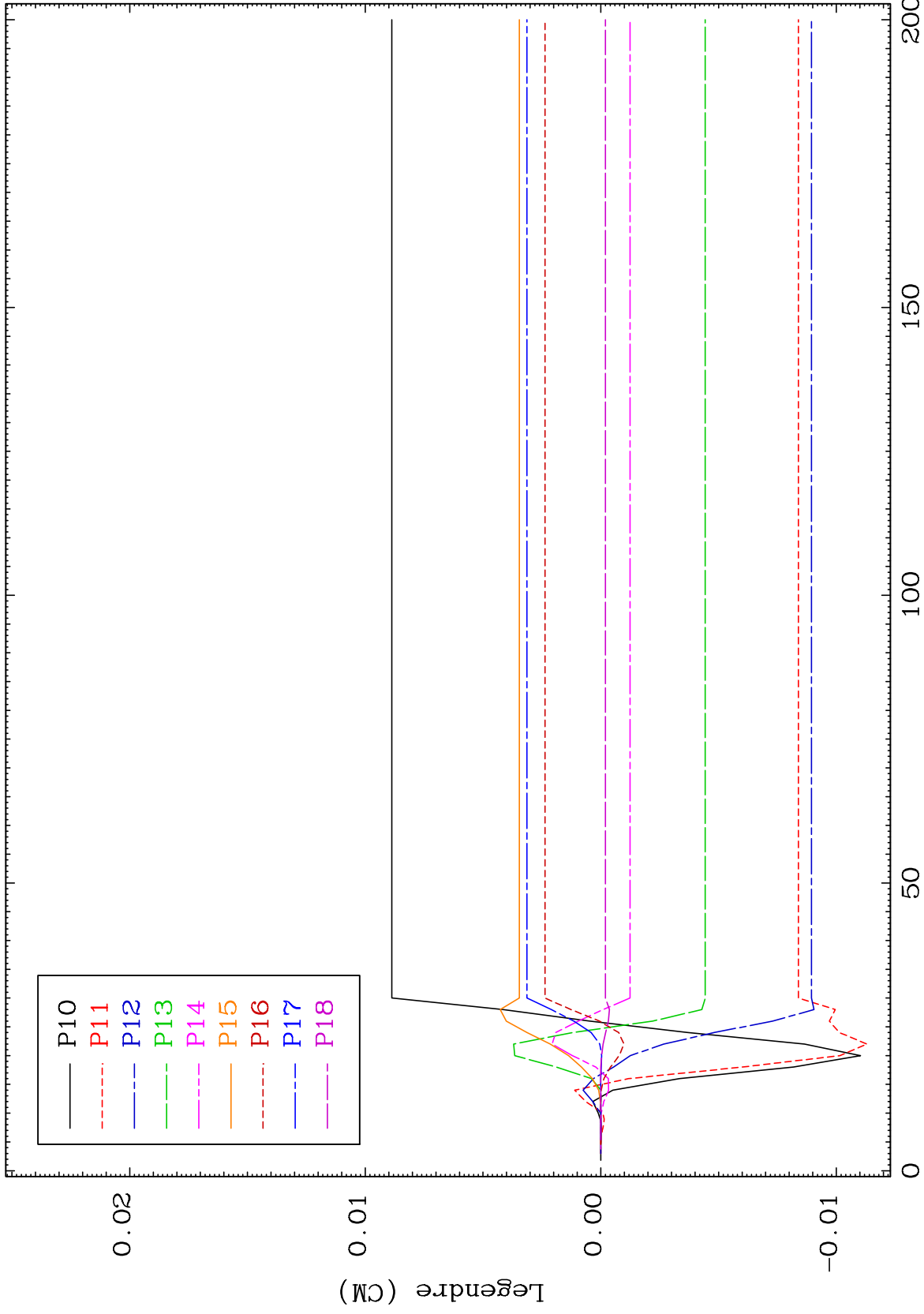
Incident Energy (MeV)

66-Dy-153

MAT 6616

1.273 MeV (n,n') Level
Legendre Coefficients

66-Dy-153

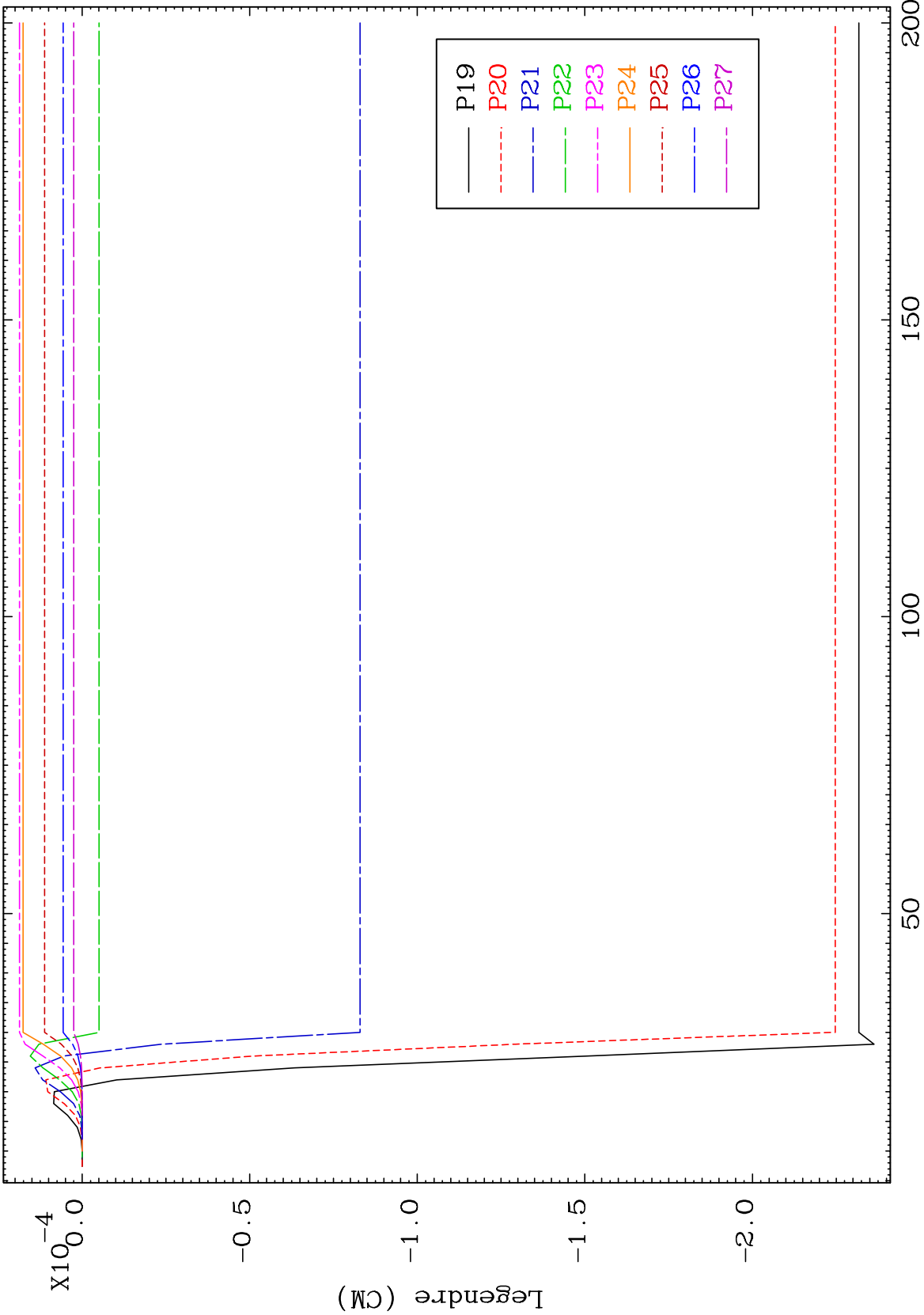


97

Incident Energy (MeV)

66-Dy-153

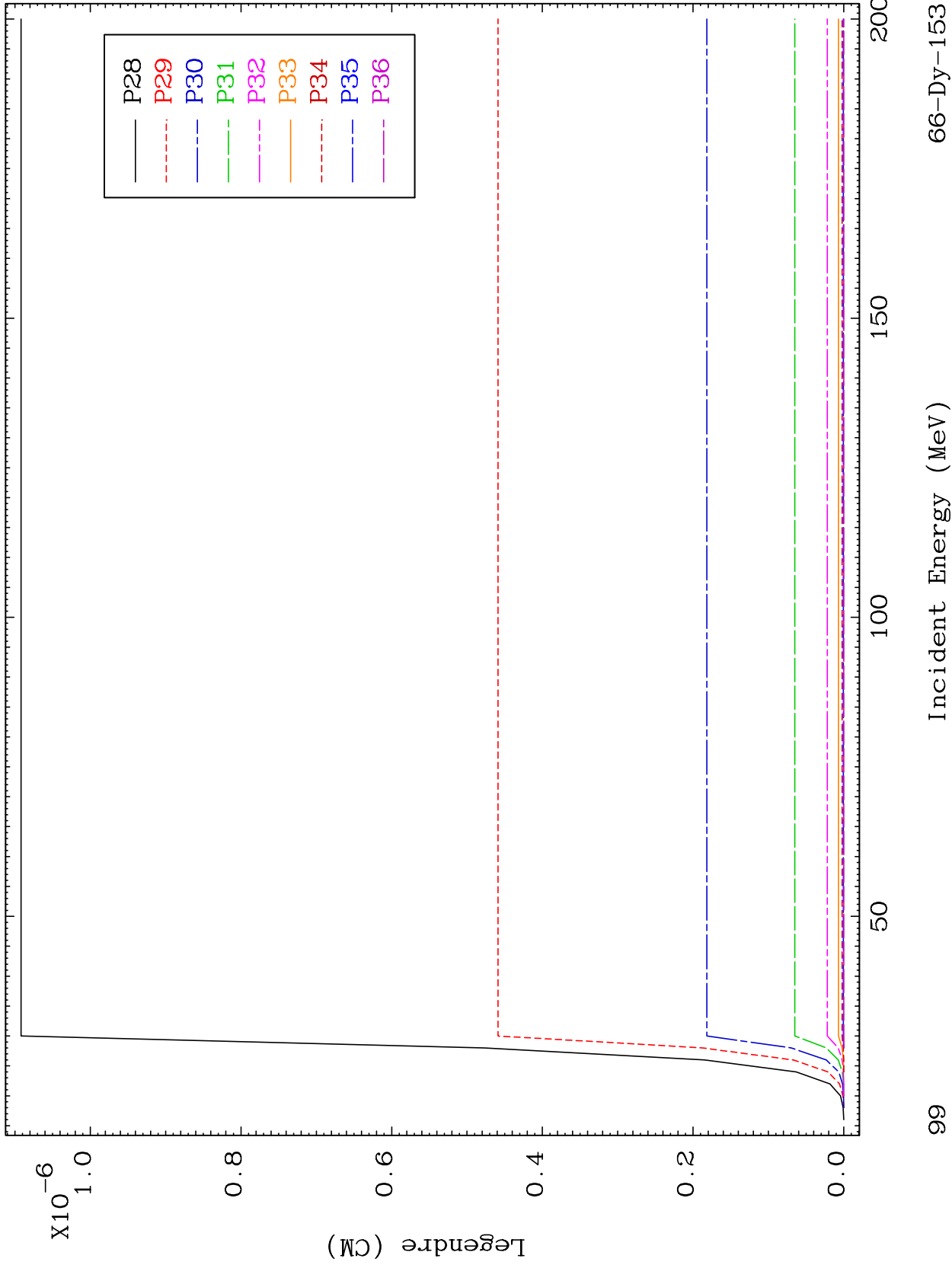
Legendre Coefficients



MAT 6616

1.273 MeV (n,n') Level
Legendre Coefficients

66-Dy-153



99

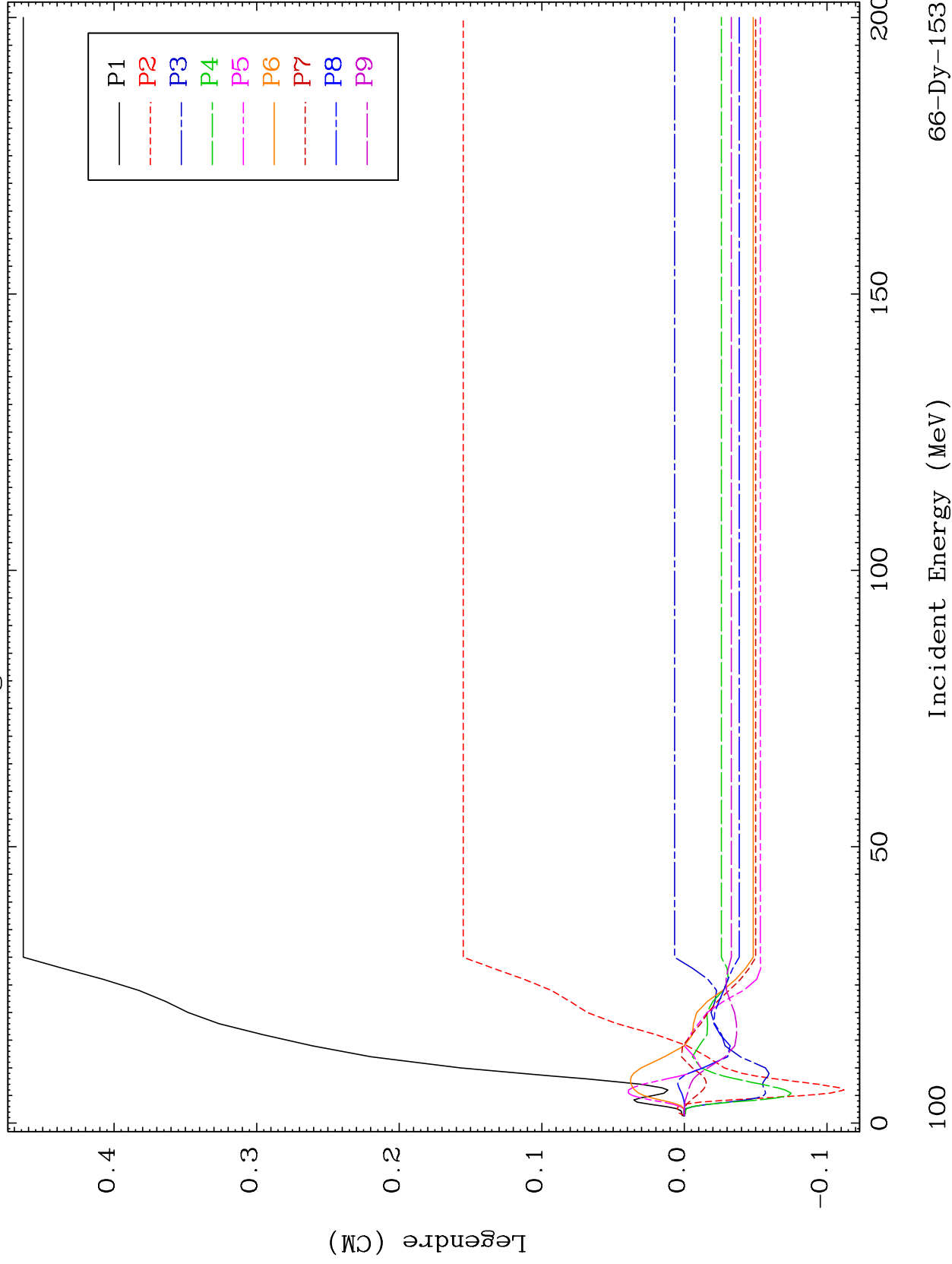
Incident Energy (MeV)

66-Dy-153

MAT 6616

1.276 MeV (n,n') Level
Legendre Coefficients

66-Dy-153

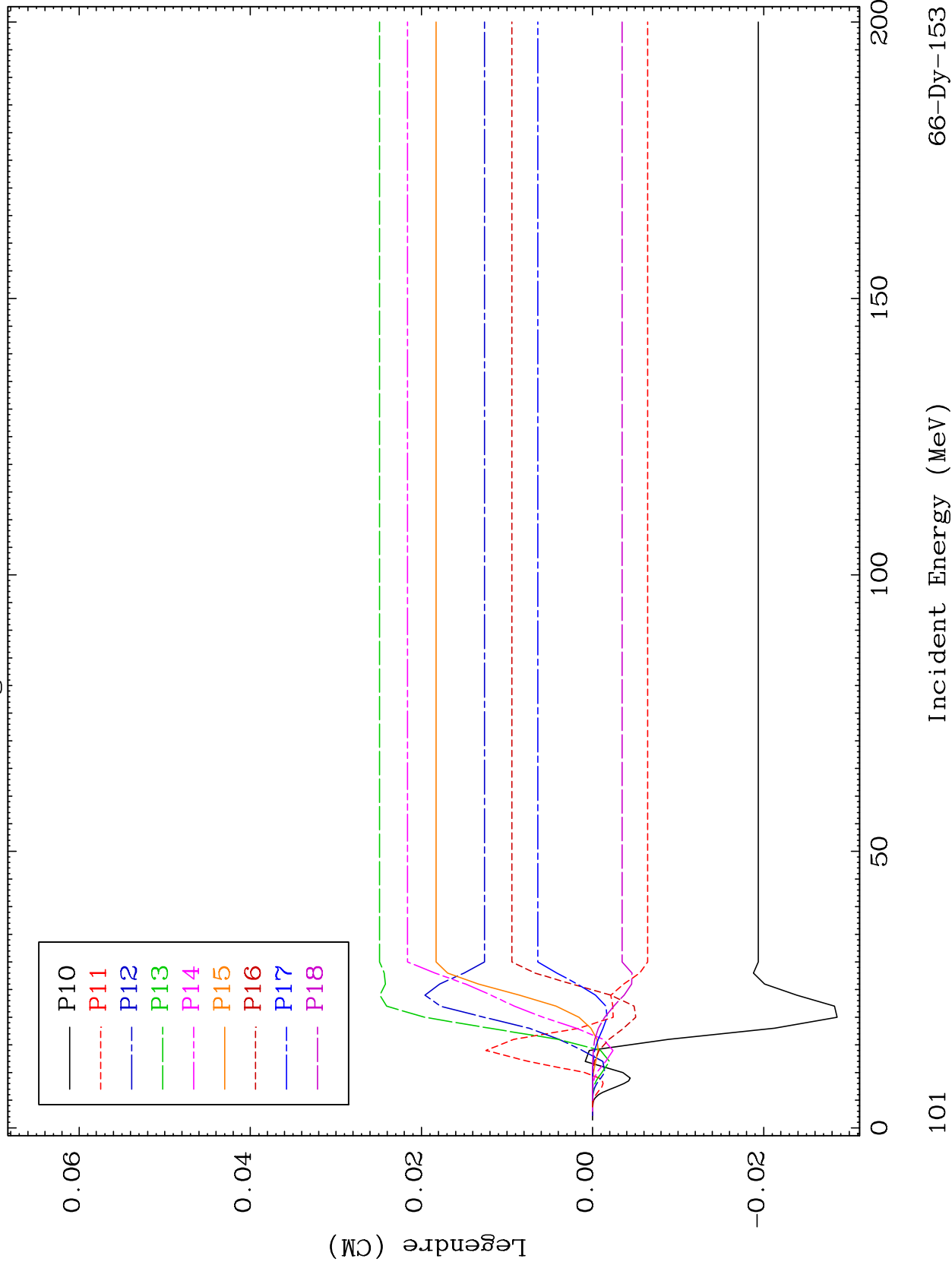


66-Dy-153

MAT 6616

1.276 MeV (n,n') Level
Legendre Coefficients

66-Dy-153



101

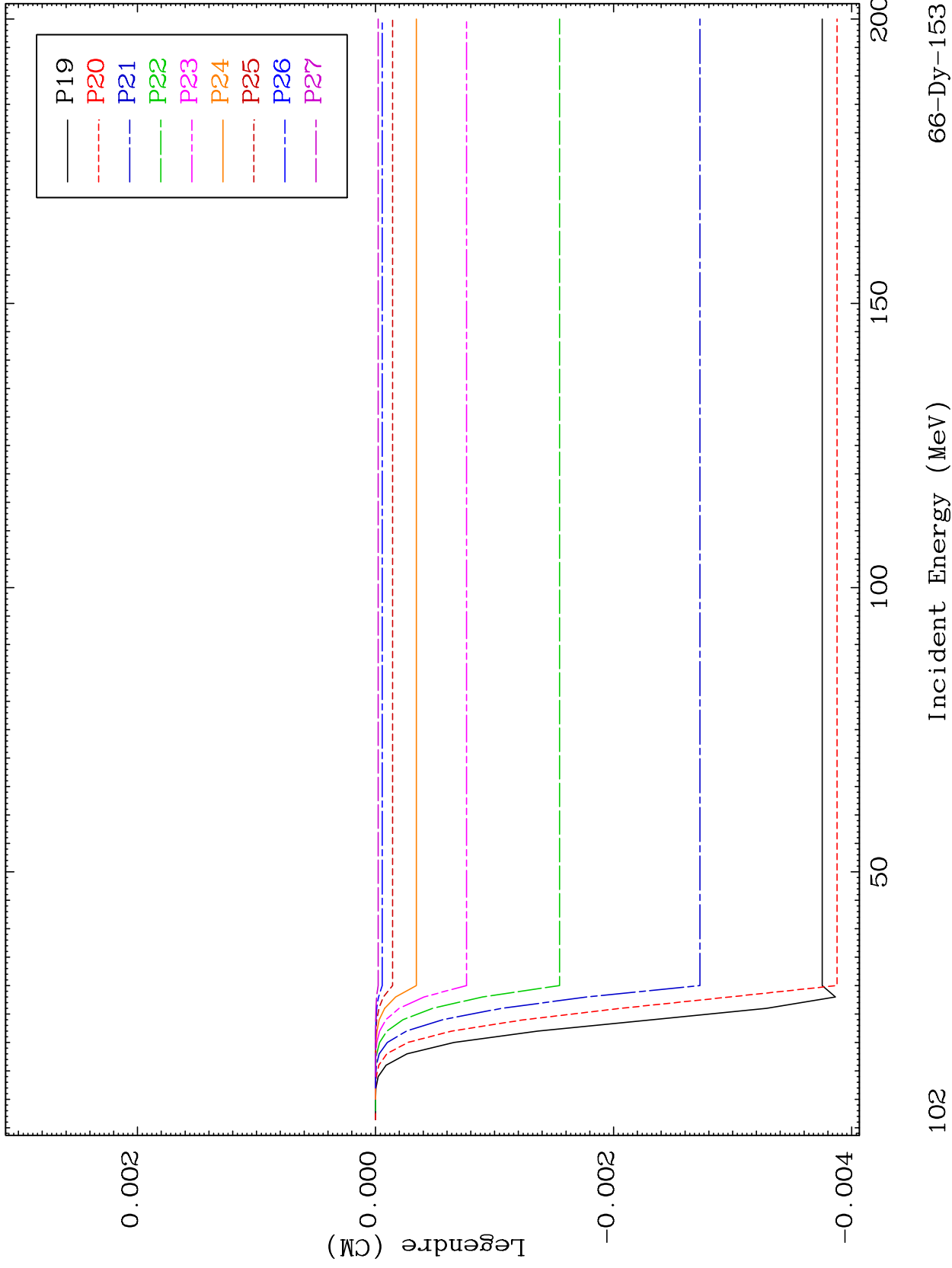
Incident Energy (MeV)

66-Dy-153

MAT 6616

1.276 MeV (n,n') Level
Legendre Coefficients

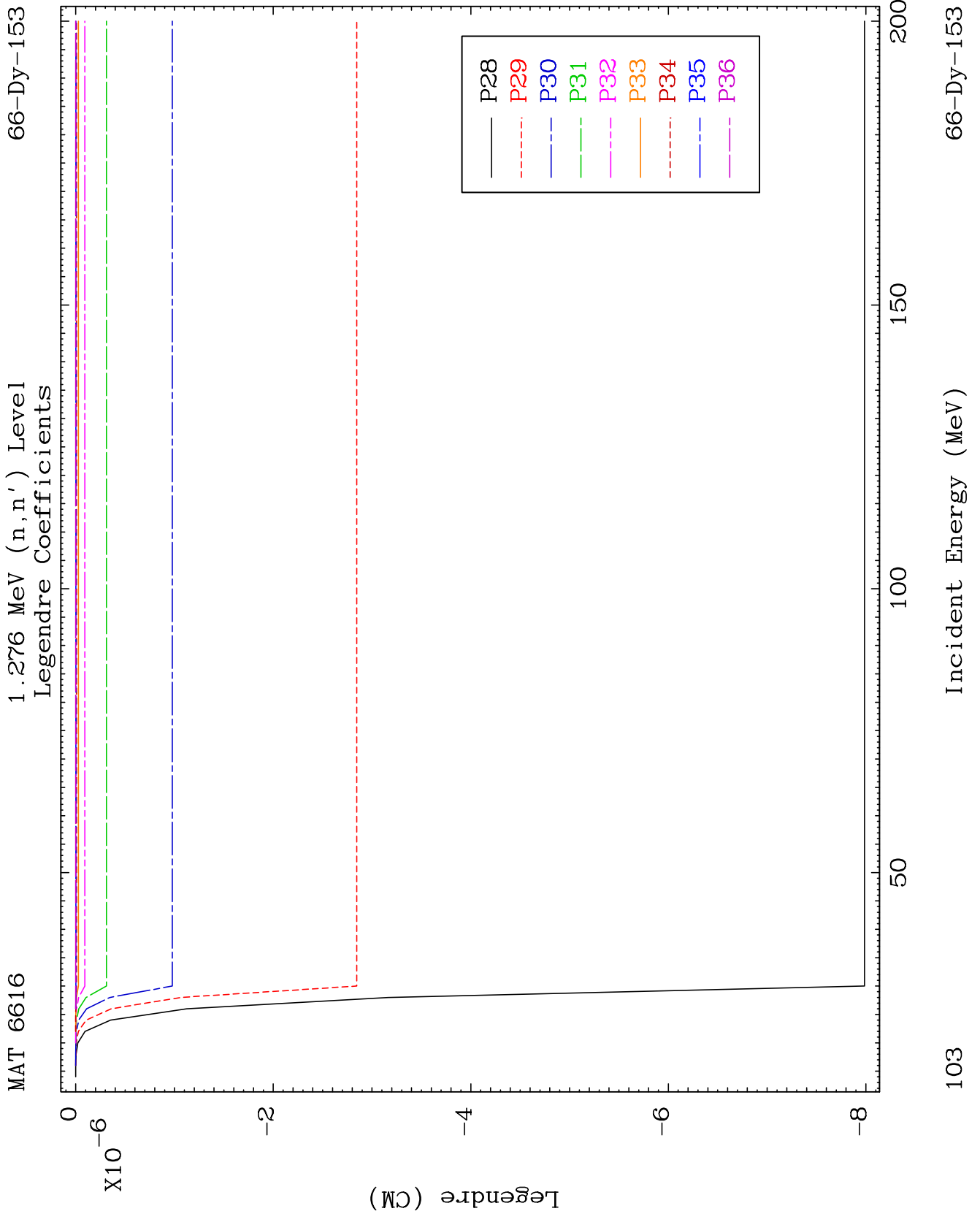
66-Dy-153



102

Incident Energy (MeV)

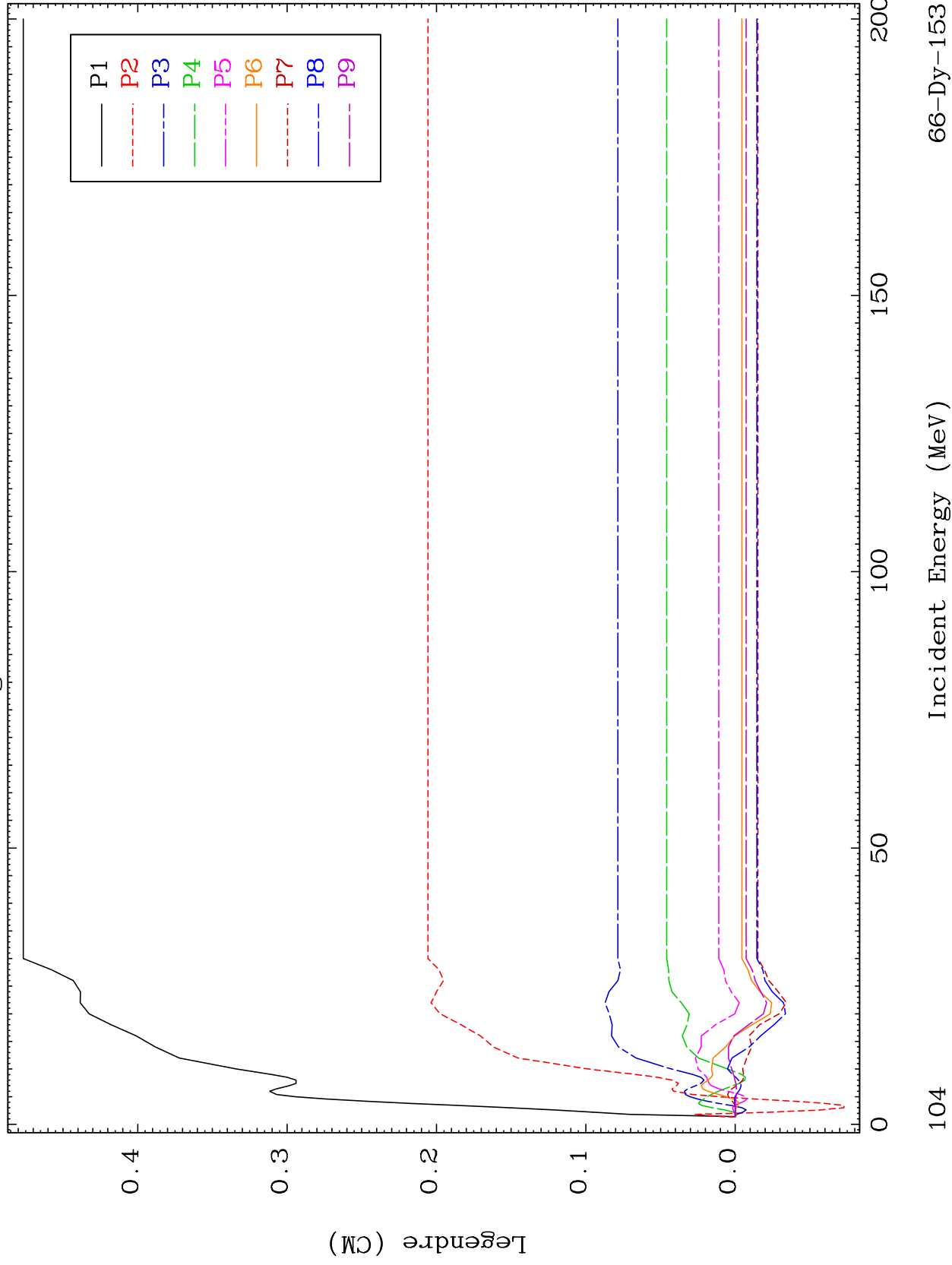
66-Dy-153



MAT 6616

1.304 MeV (n,n') Level
Legendre Coefficients

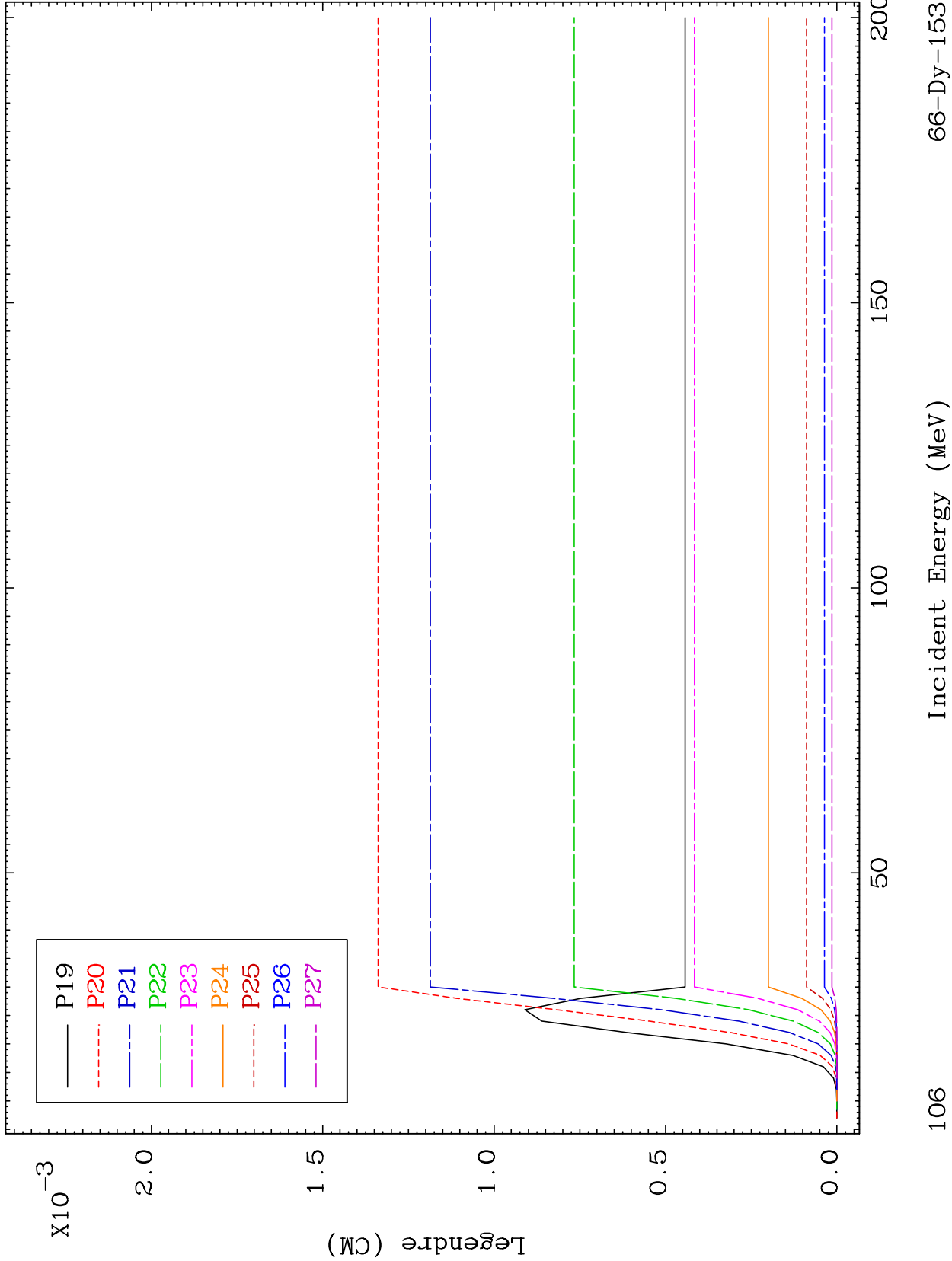
66-Dy-153



66-Dy-153

Incident Energy (MeV)

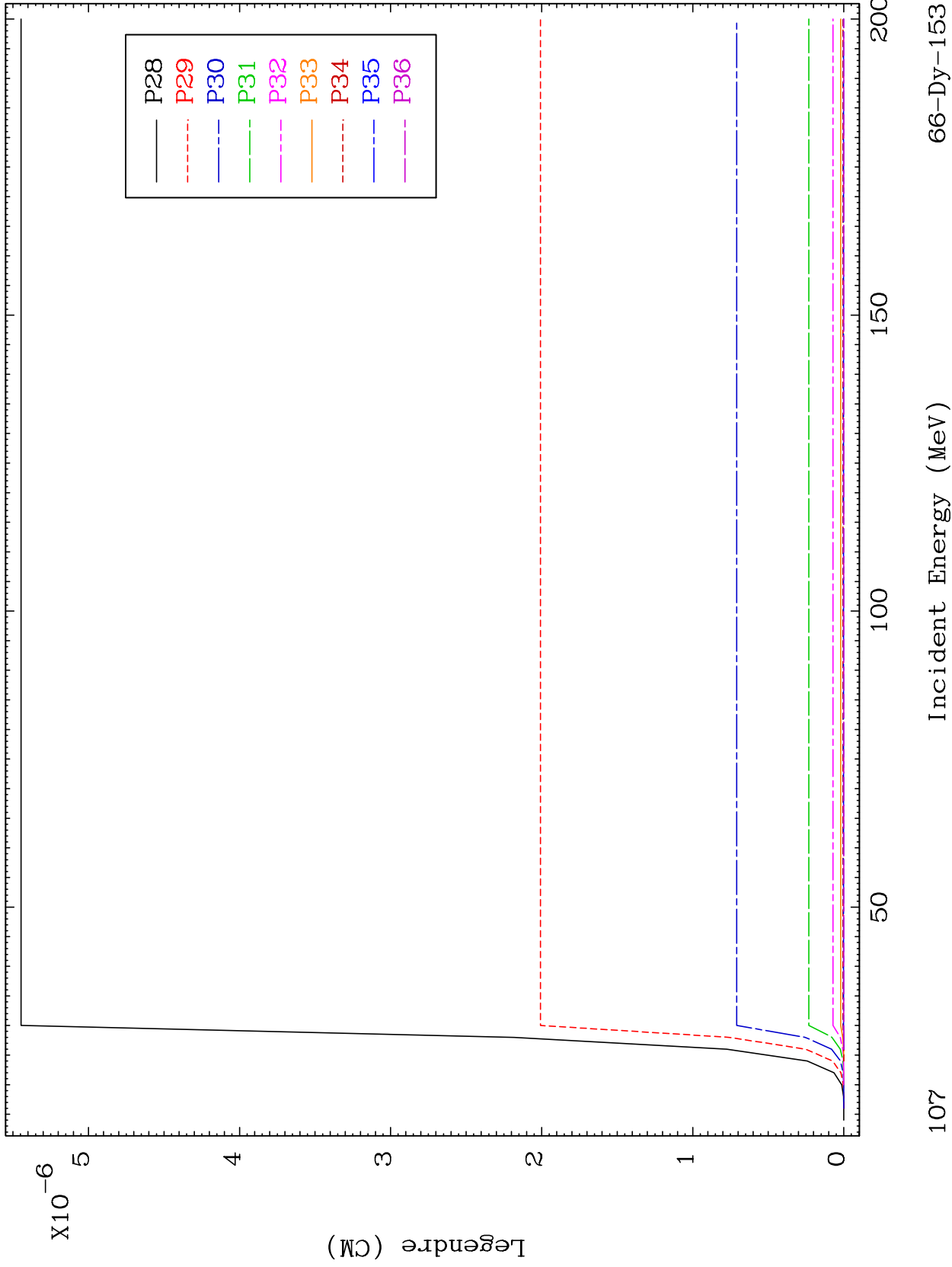
104



MAT 6616

1.304 MeV (n,n') Level
Legendre Coefficients

66-Dy-153



107

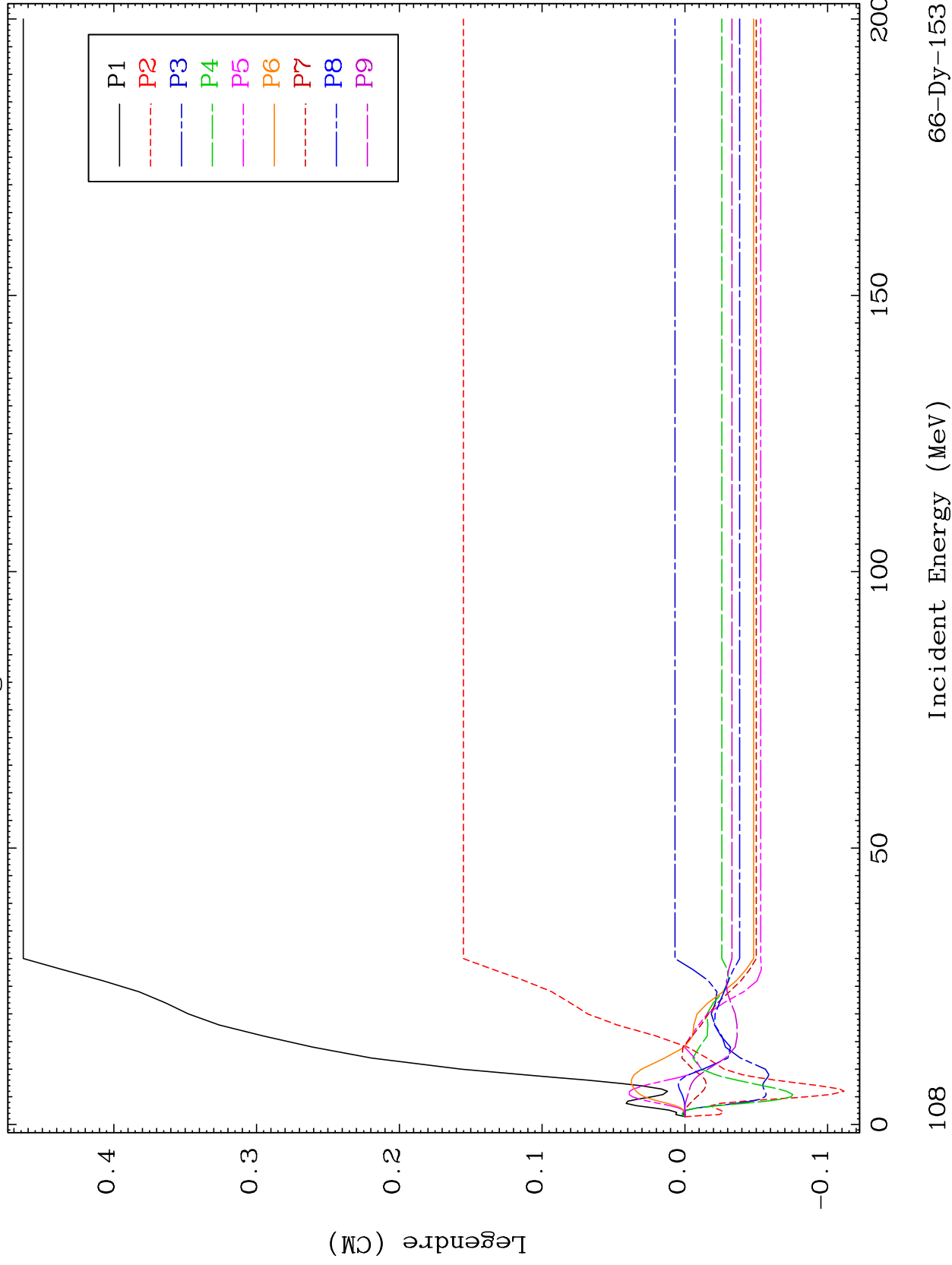
Incident Energy (MeV)

66-Dy-153

MAT 6616

1.322 MeV (n,n') Level
Legendre Coefficients

66-Dy-153



66-Dy-153

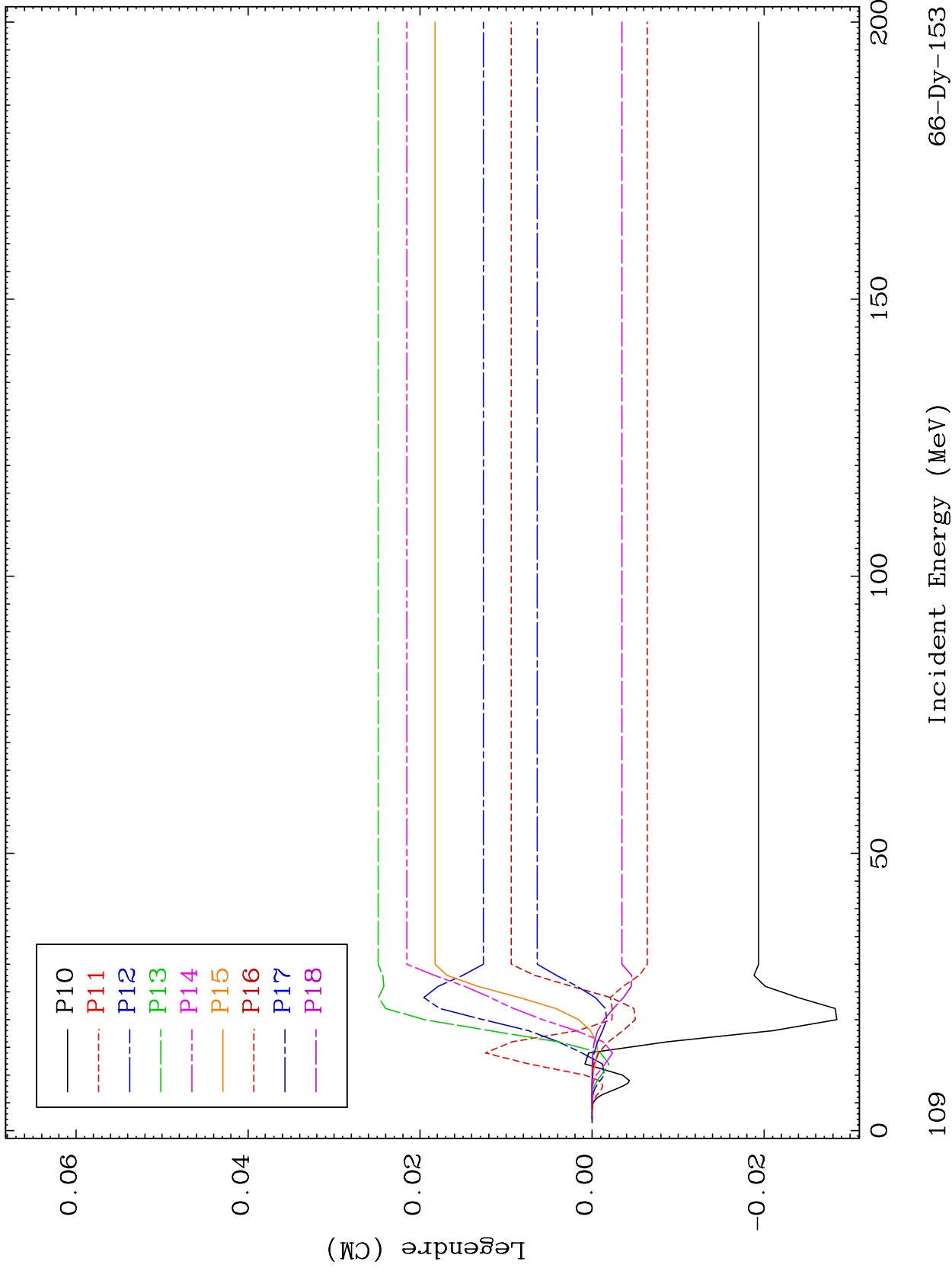
Incident Energy (MeV)

108

MAT 6616

1.322 MeV (n,n') Level
Legendre Coefficients

66-Dy-153



109

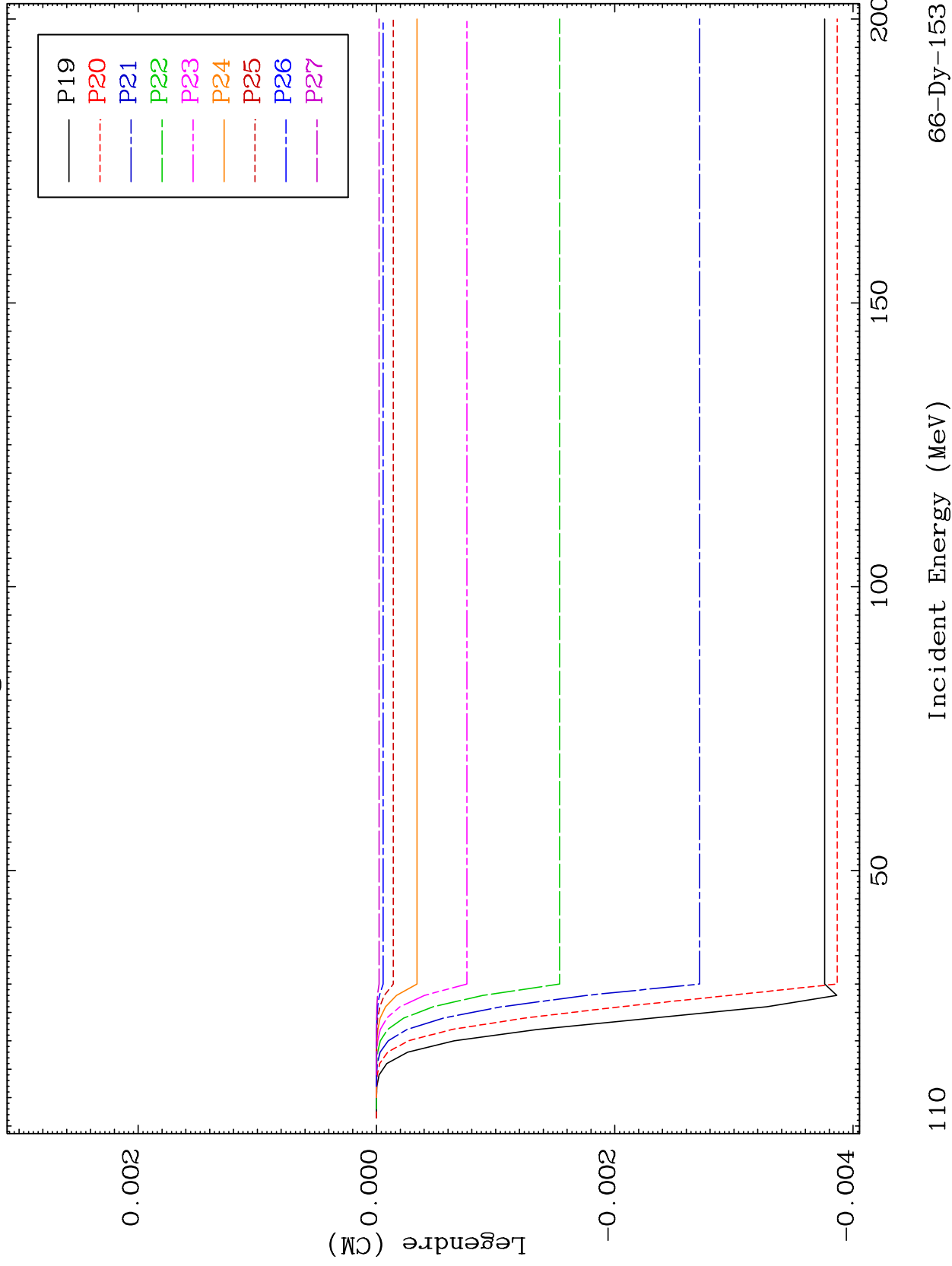
Incident Energy (MeV)

66-Dy-153

MAT 6616

1.322 MeV (n,n') Level
Legendre Coefficients

66-Dy-153



110

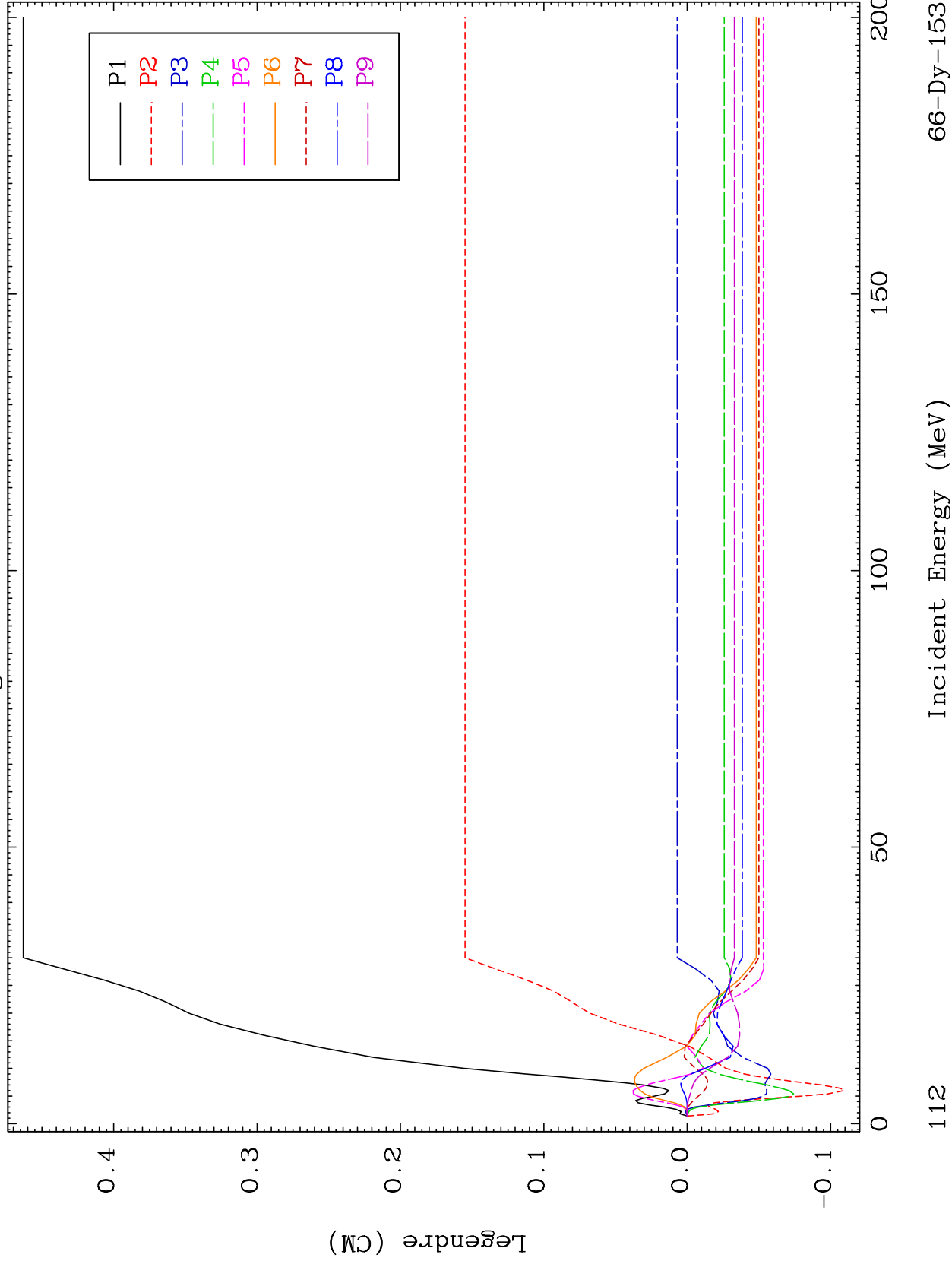
Incident Energy (MeV)

66-Dy-153

MAT 6616

1.381 MeV (n,n') Level
Legendre Coefficients

66-Dy-153



66-Dy-153

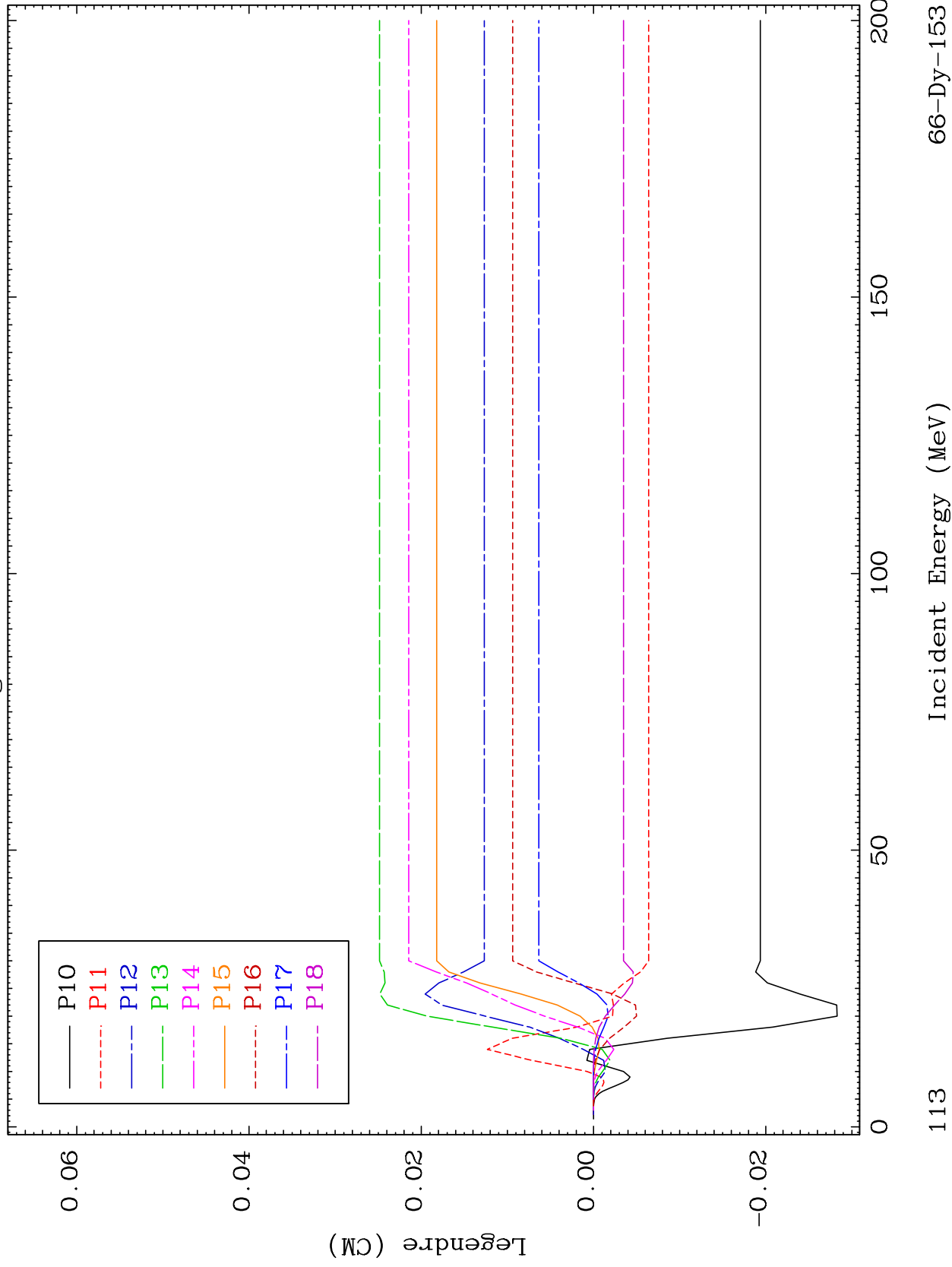
Incident Energy (MeV)

112

MAT 6616

1.381 MeV (n,n') Level
Legendre Coefficients

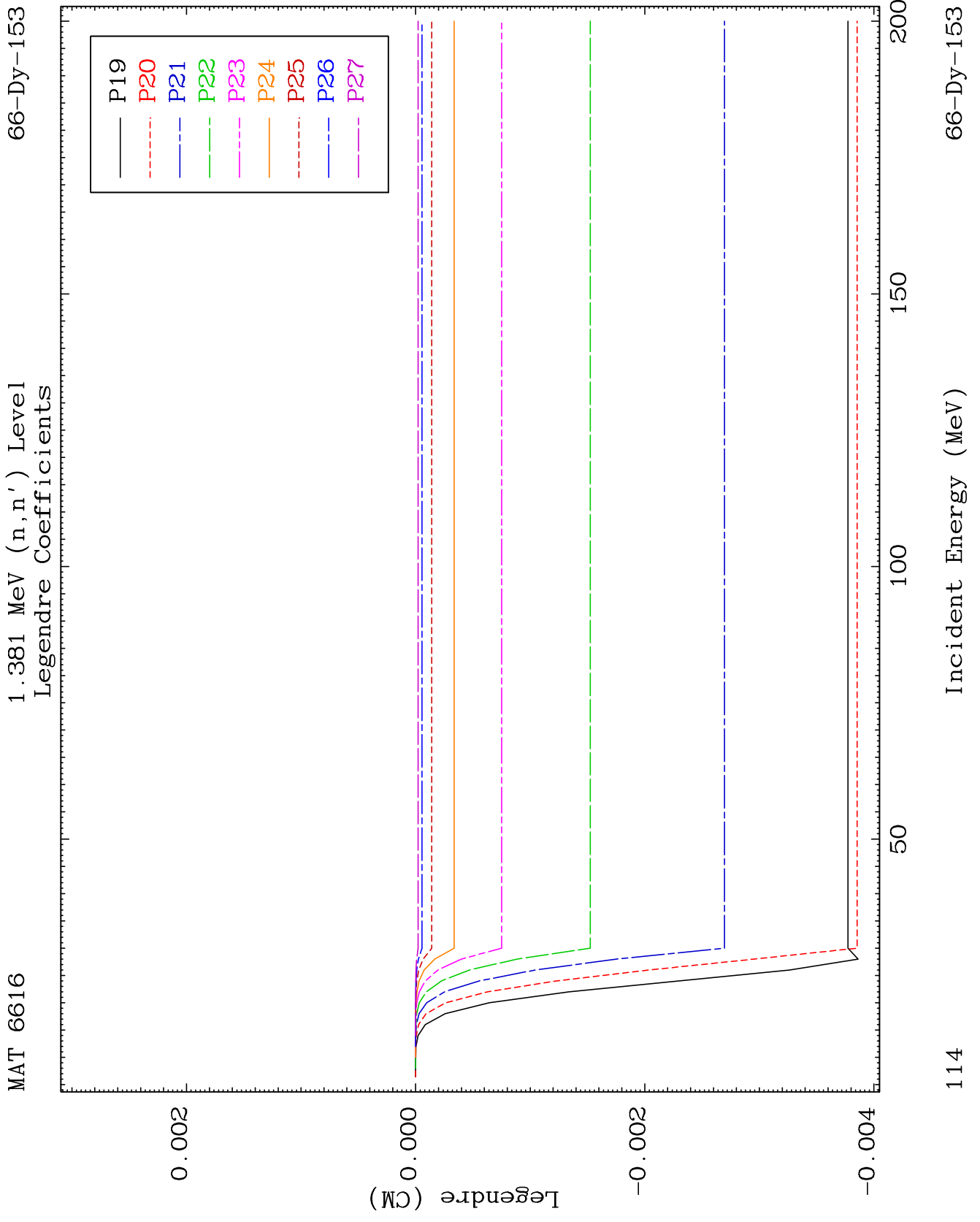
66-Dy-153

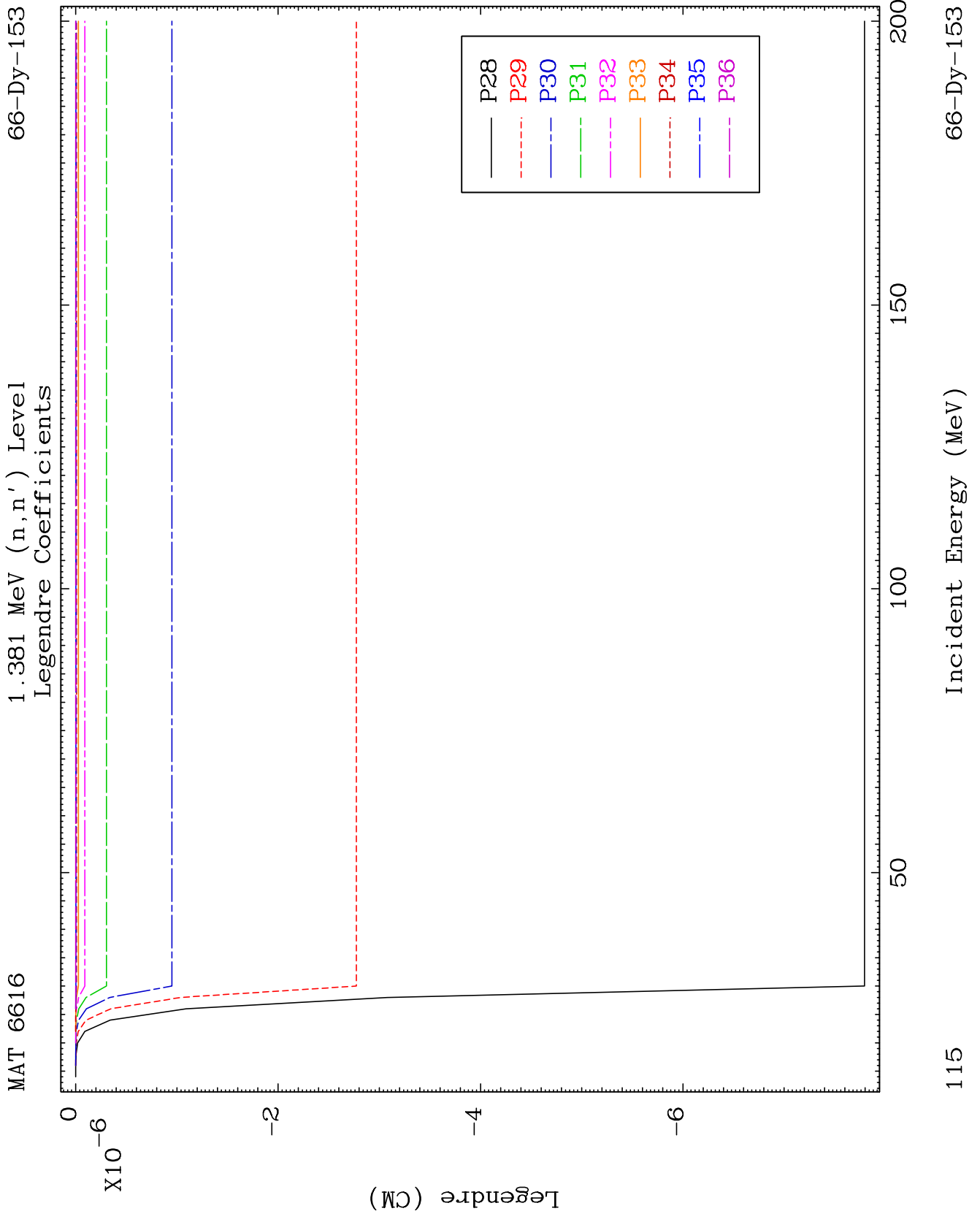


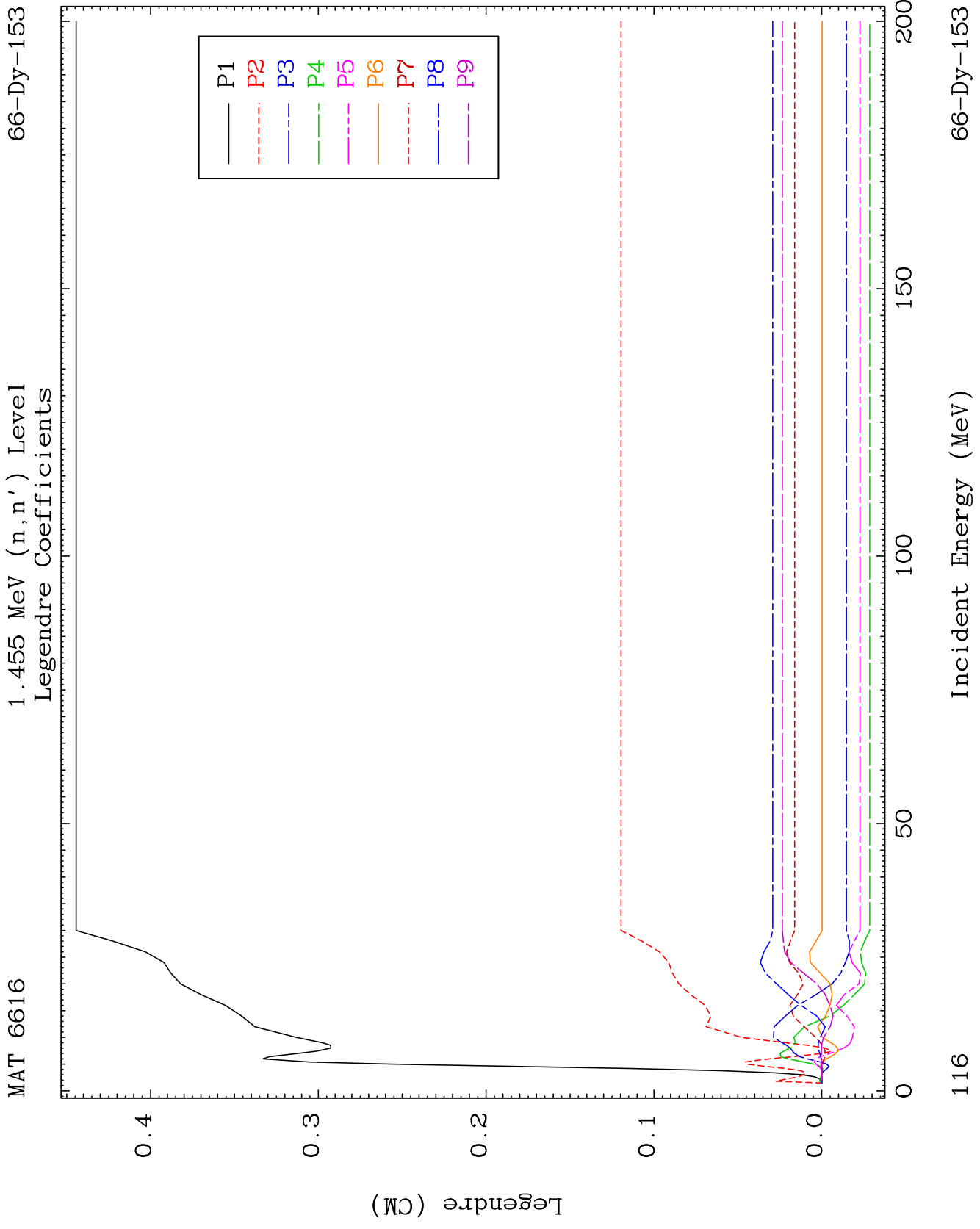
113

Incident Energy (MeV)

66-Dy-153



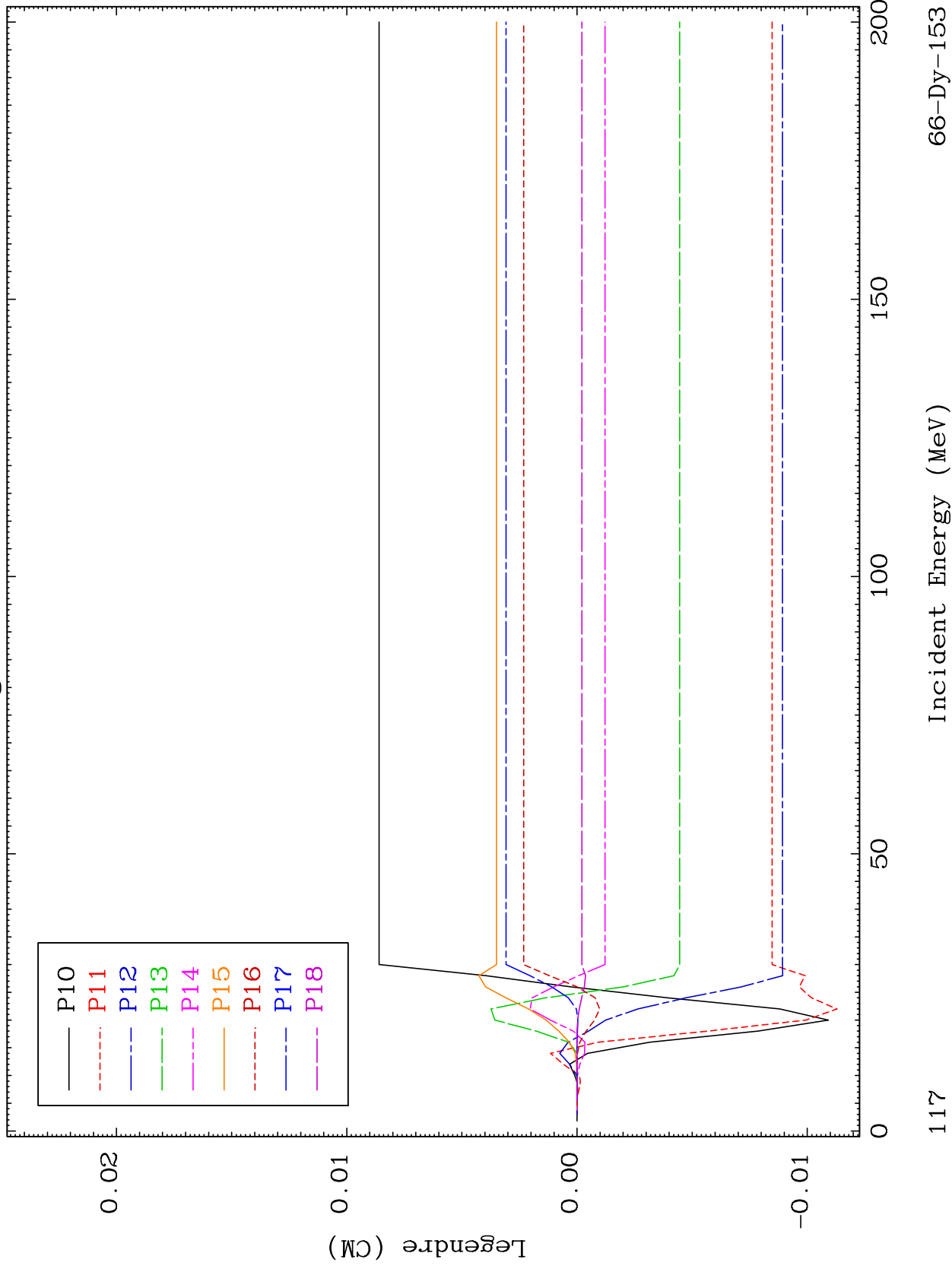




MAT 6616

1.455 MeV (n,n') Level
Legendre Coefficients

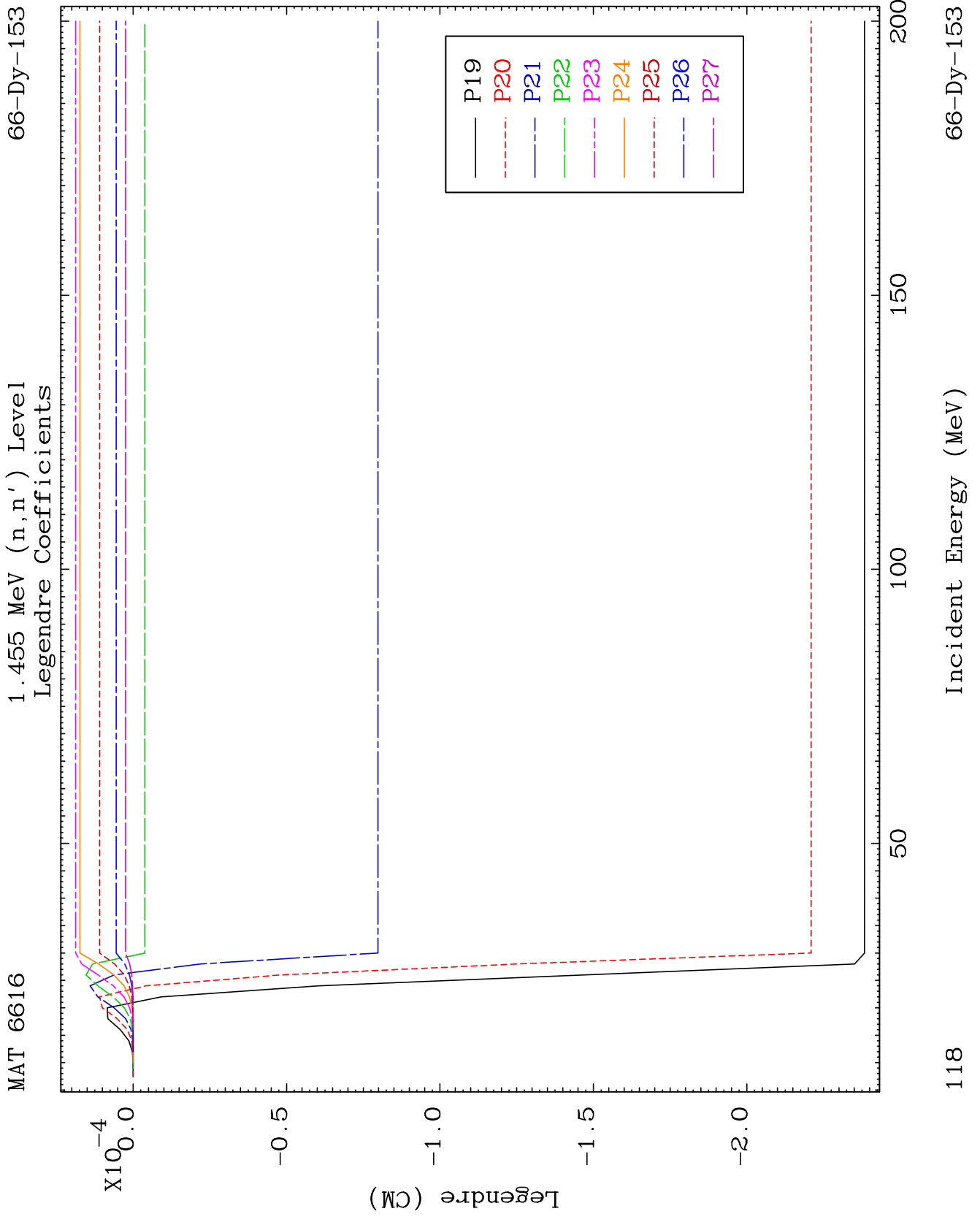
66-Dy-153



117

Incident Energy (MeV)

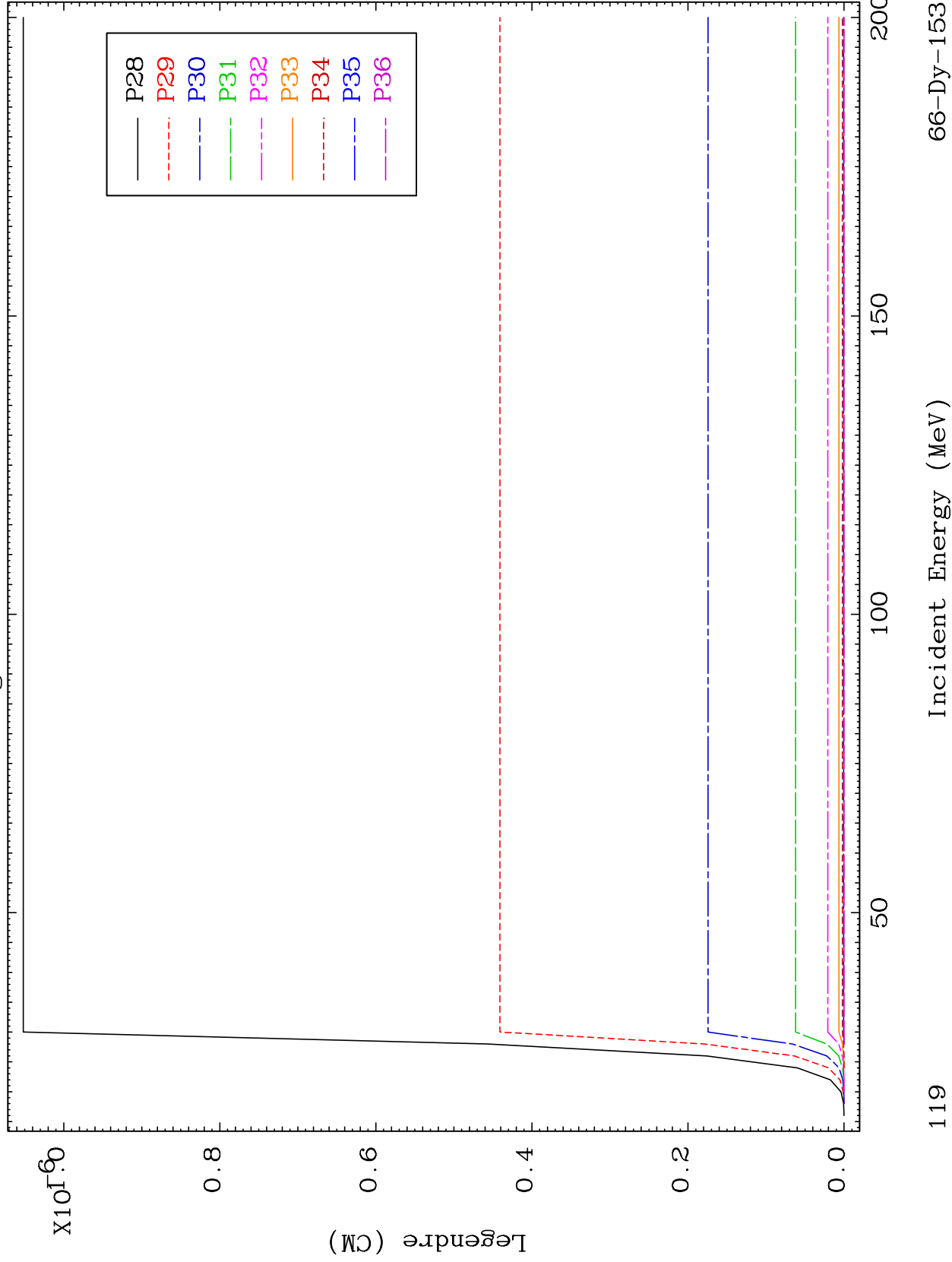
66-Dy-153



MAT 6616

1.455 MeV (n,n') Level
Legendre Coefficients

66-Dy-153



119

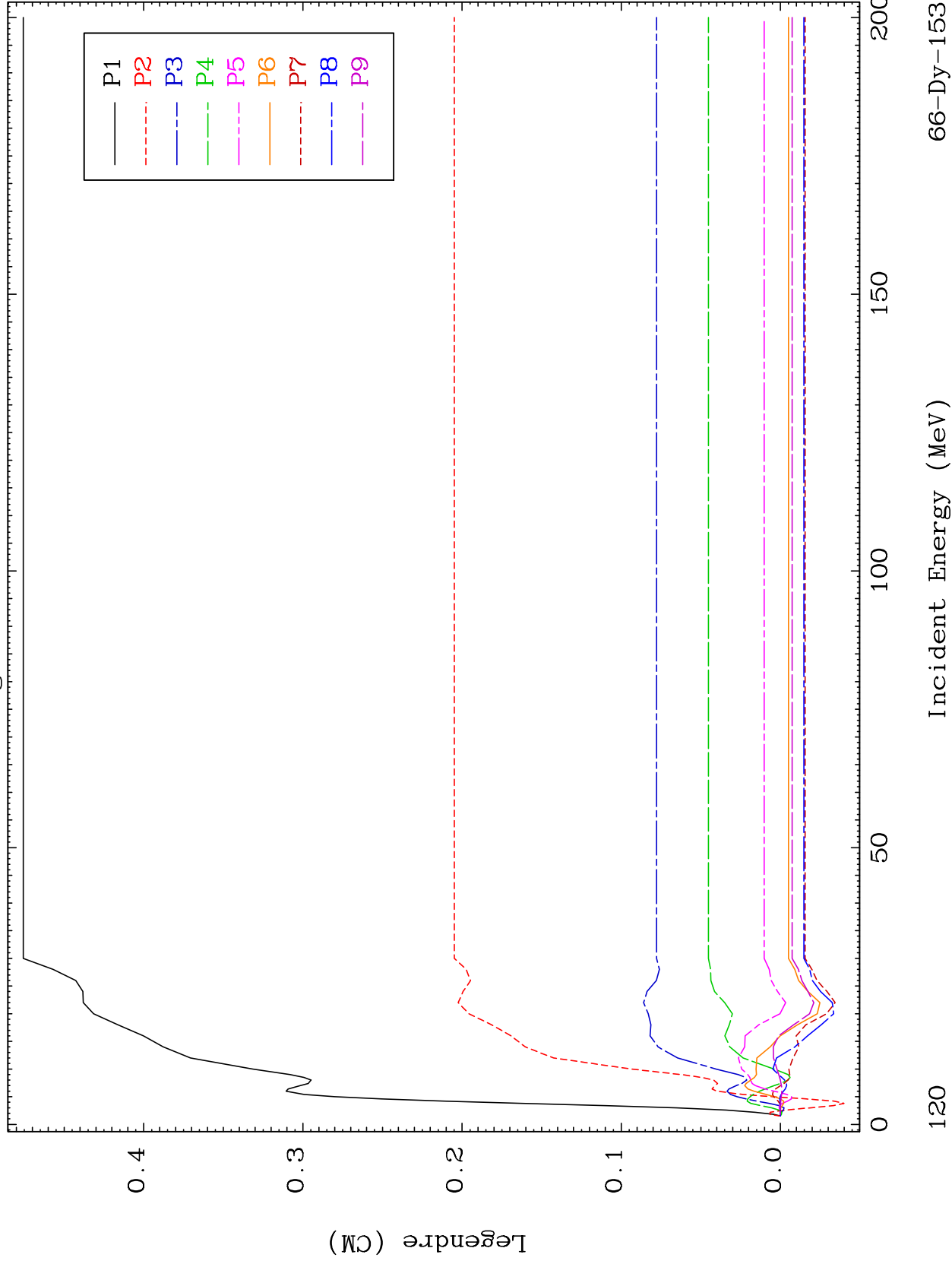
Incident Energy (MeV)

66-Dy-153

MAT 6616

1.501 MeV (n,n') Level
Legendre Coefficients

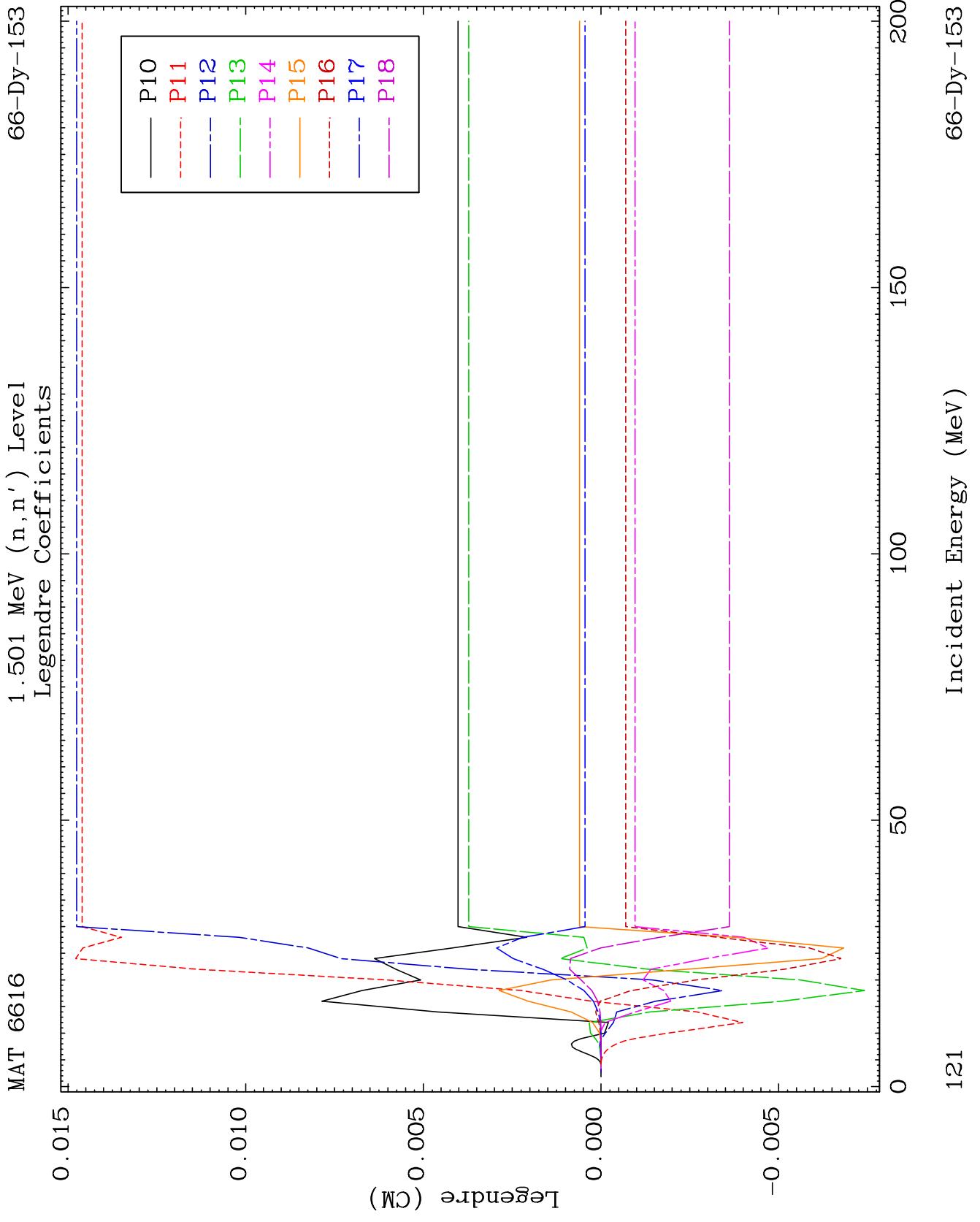
66-Dy-153



66-Dy-153

Incident Energy (MeV)

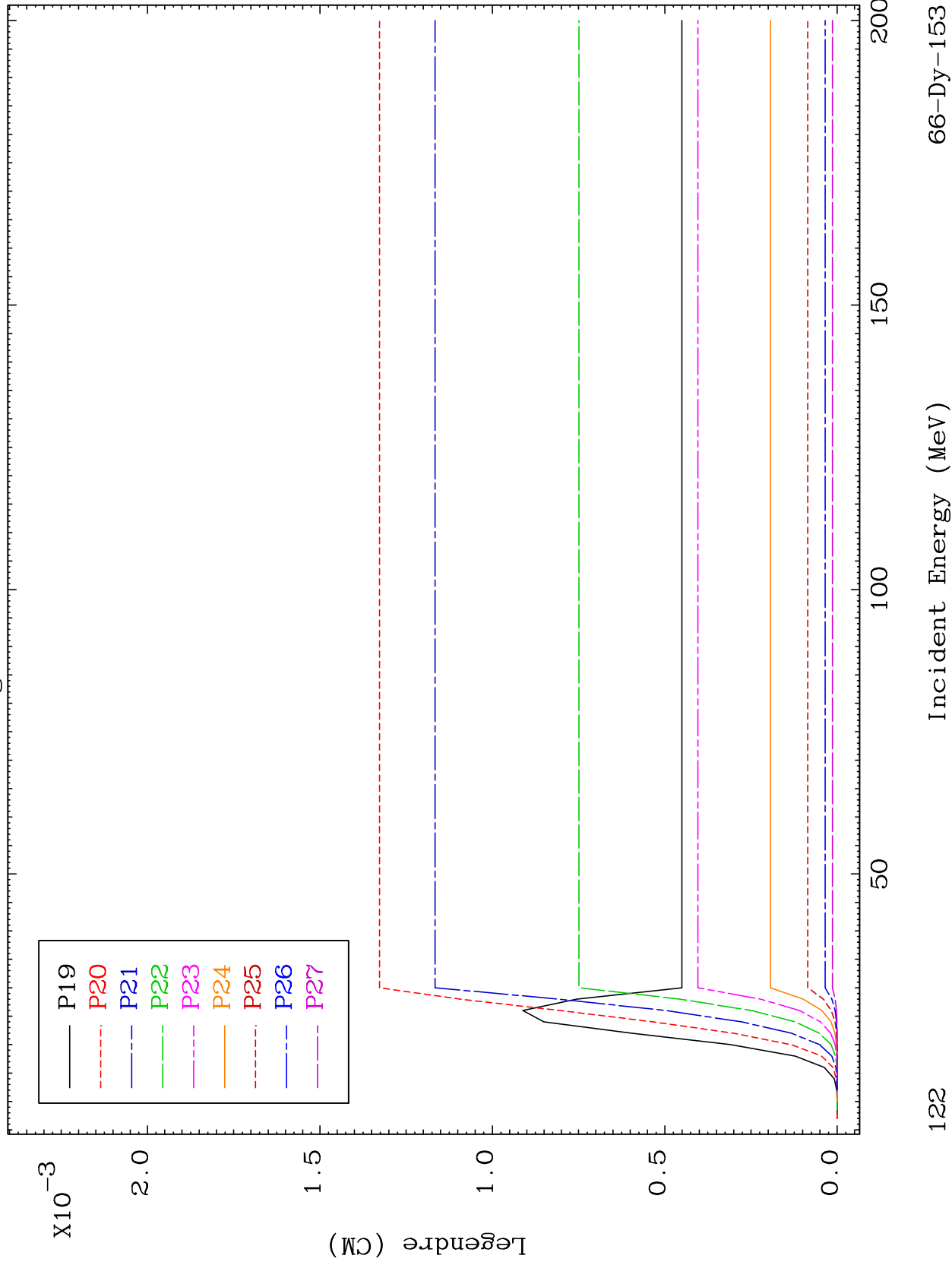
120



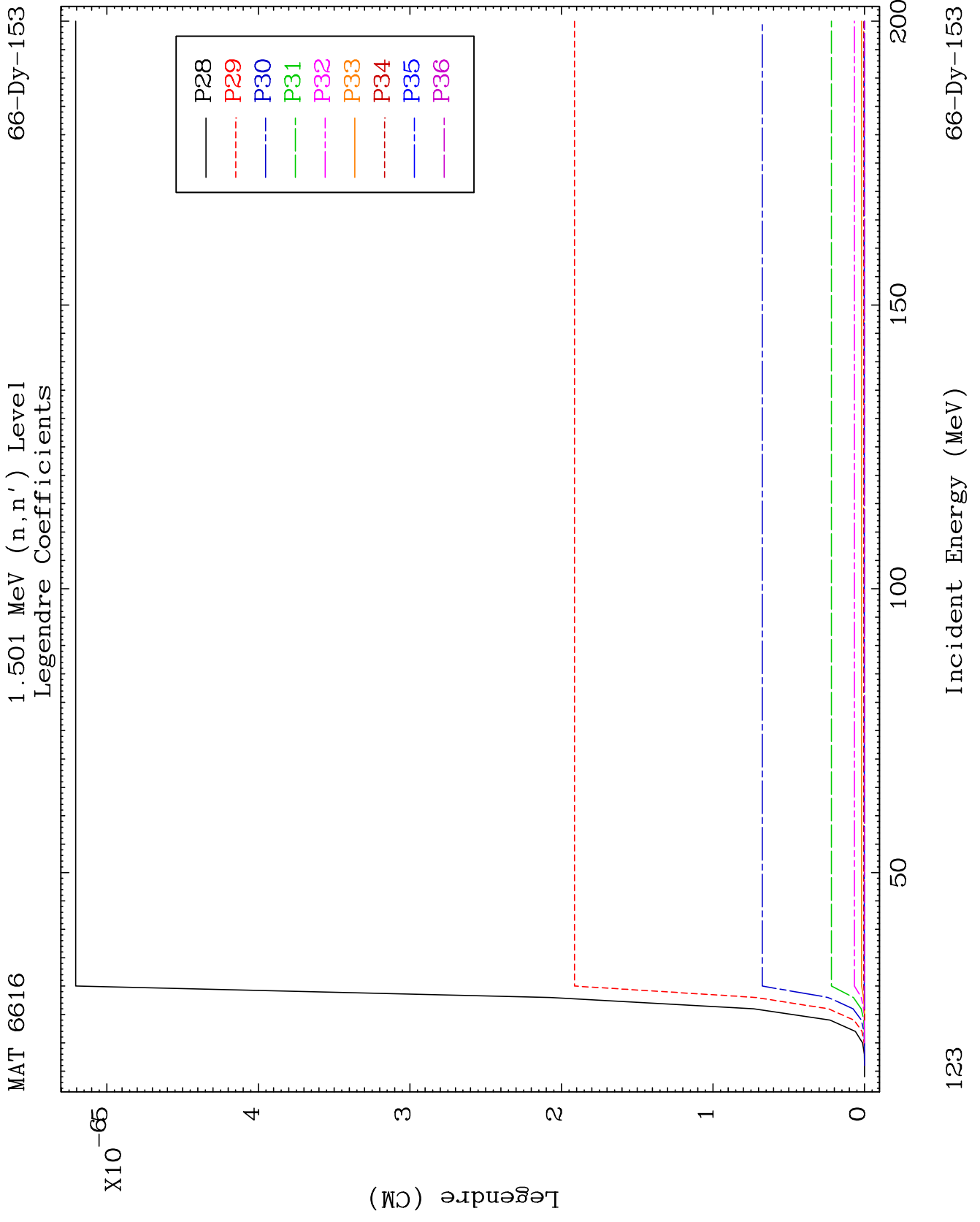
MAT 6616

1.501 MeV (n, n') Level
Legendre Coefficients

66-Dy-153



122

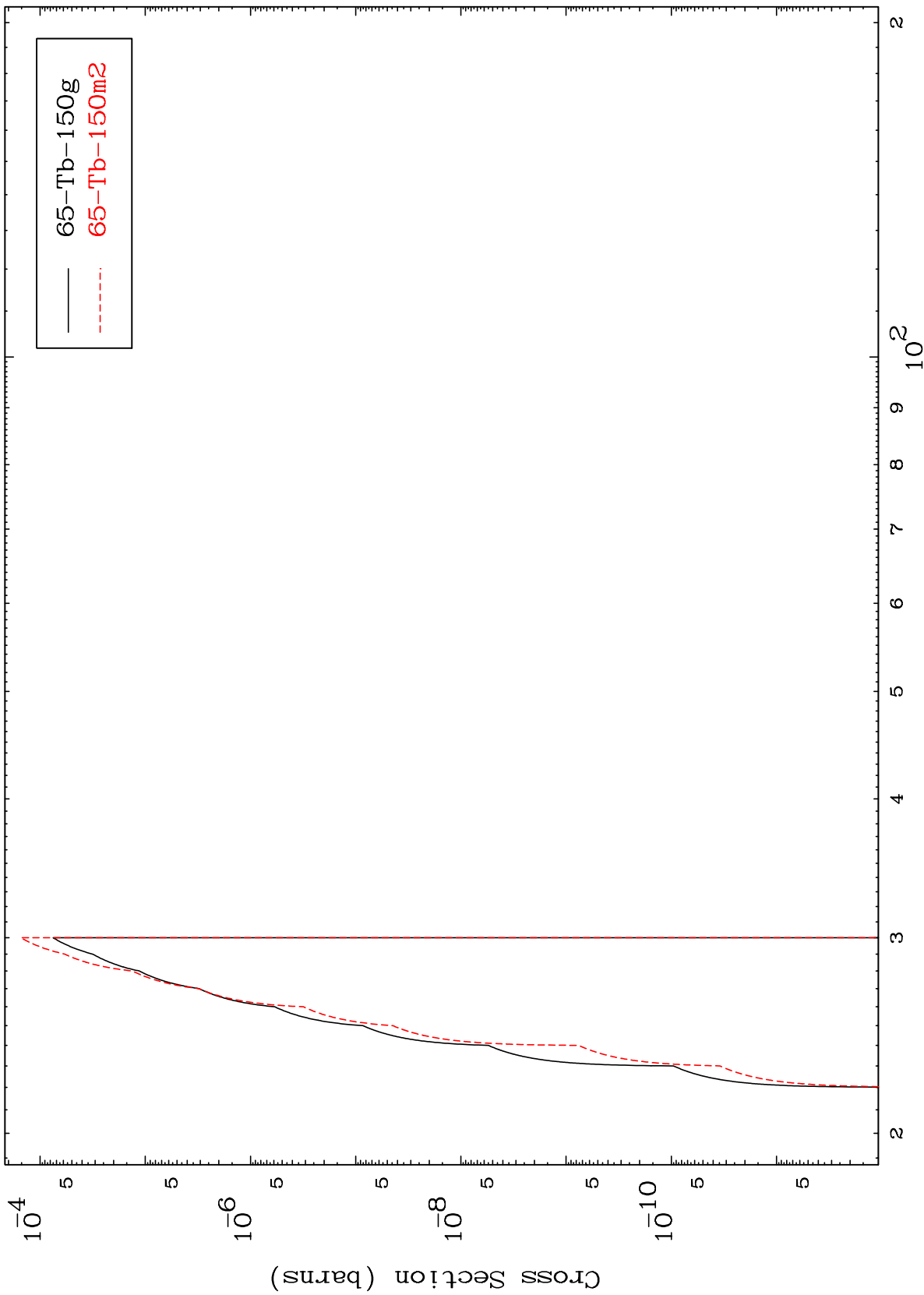


MAT 6616

(n,2n) d

66-Dy-153

Radionuclide Production Cross Section



124

Incident Energy (MeV)

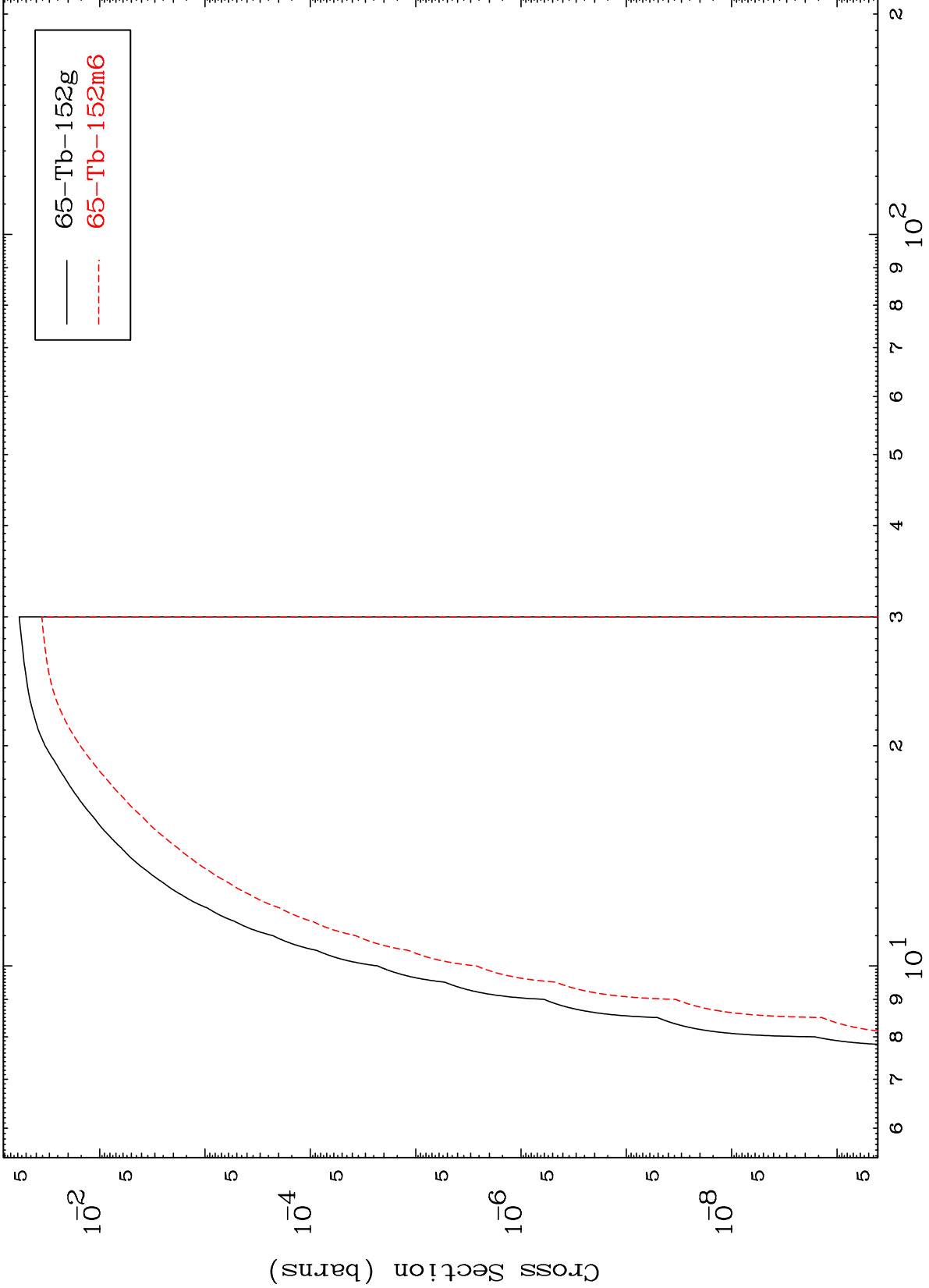
66-Dy-153

MAT 6616

(n,n') p

66-Dy-153

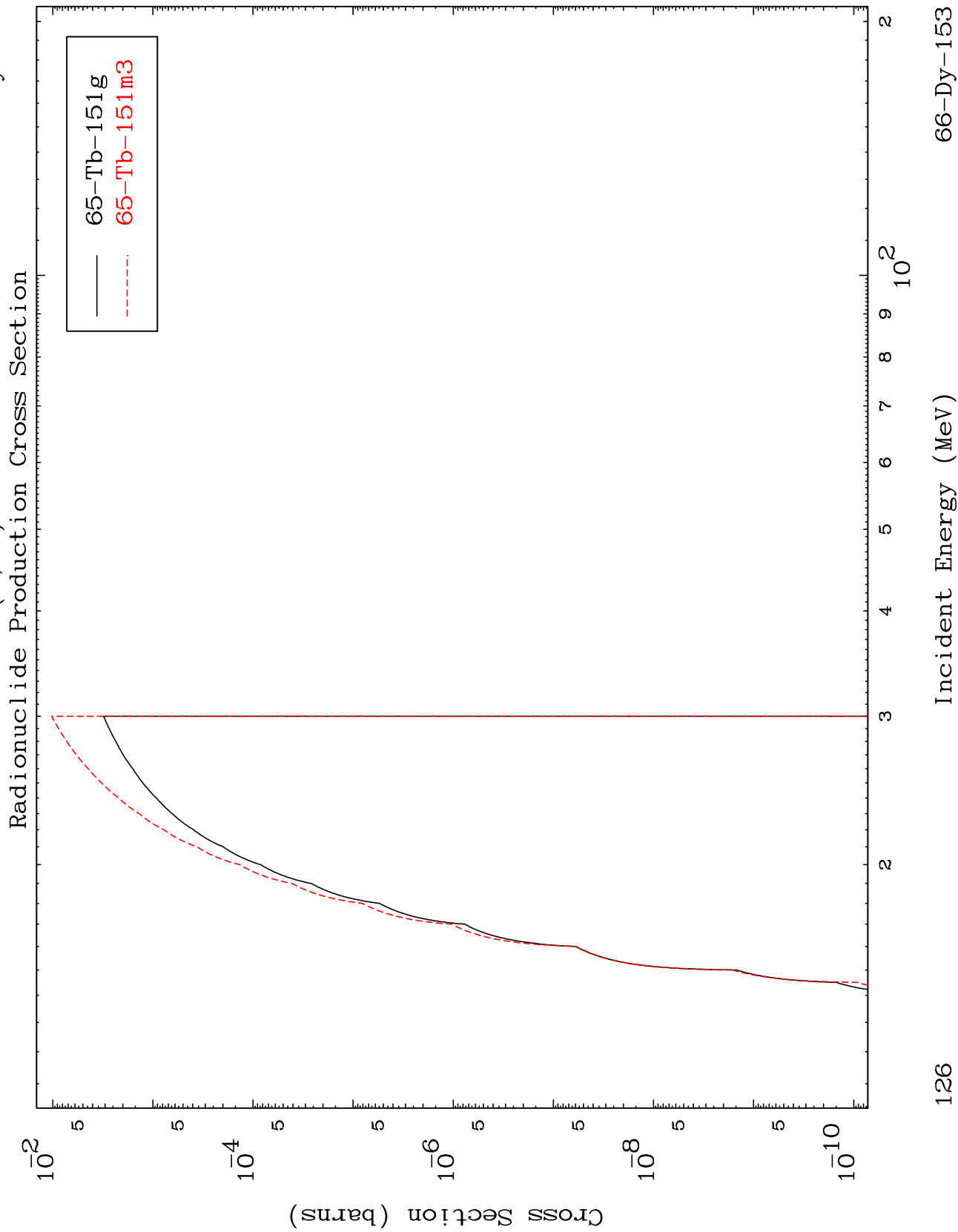
Radionuclide Production Cross Section

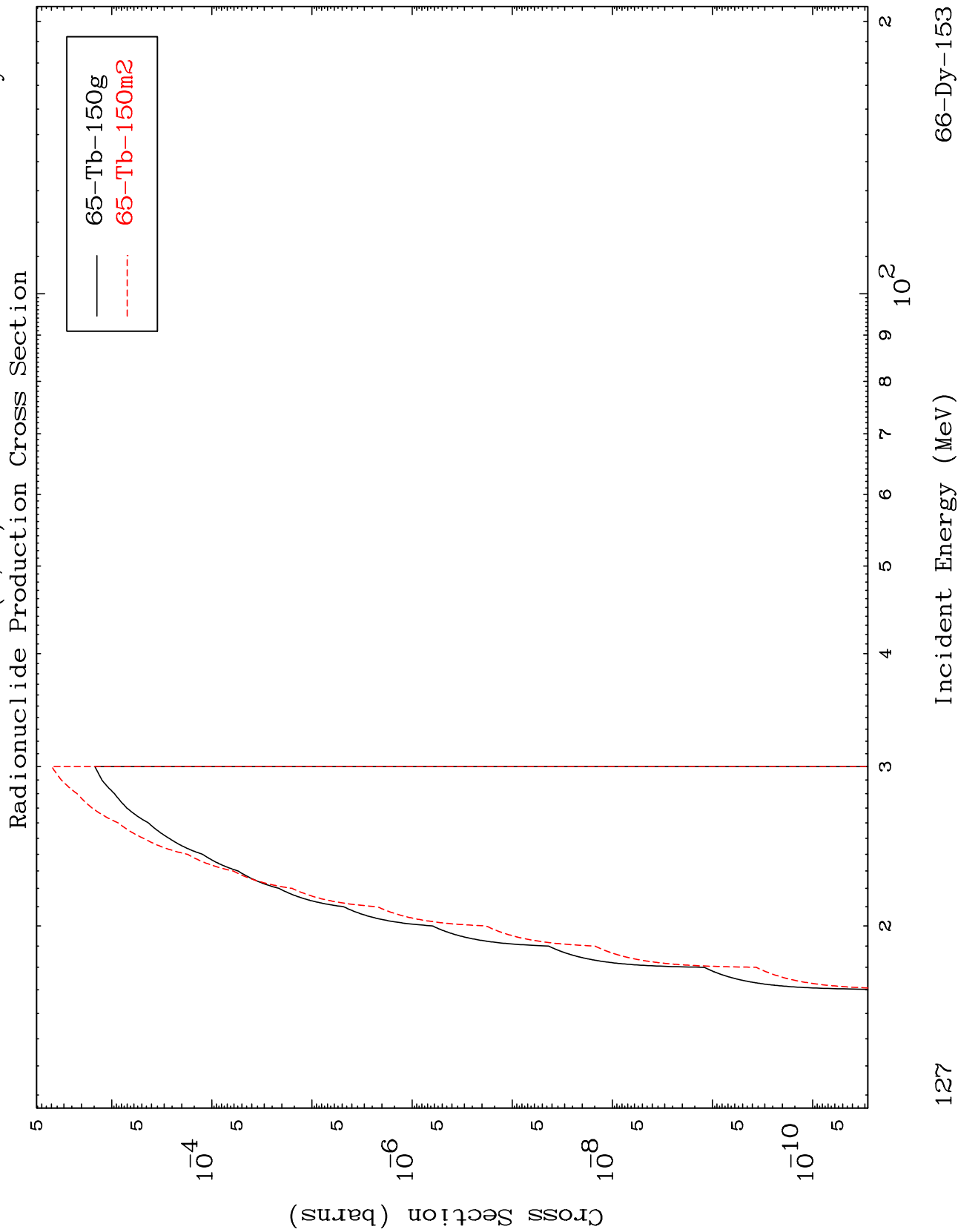


125

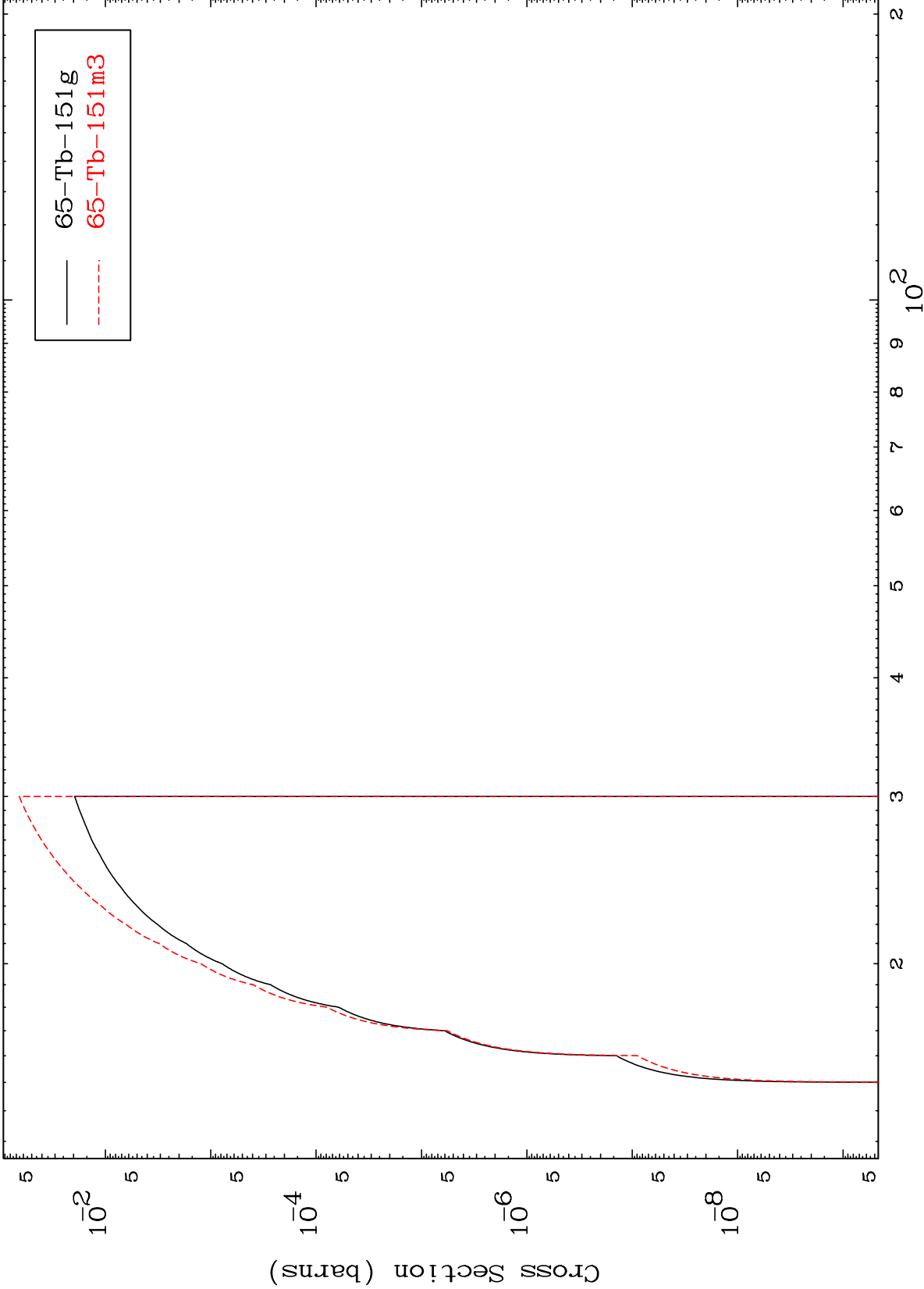
Incident Energy (MeV)

66-Dy-153



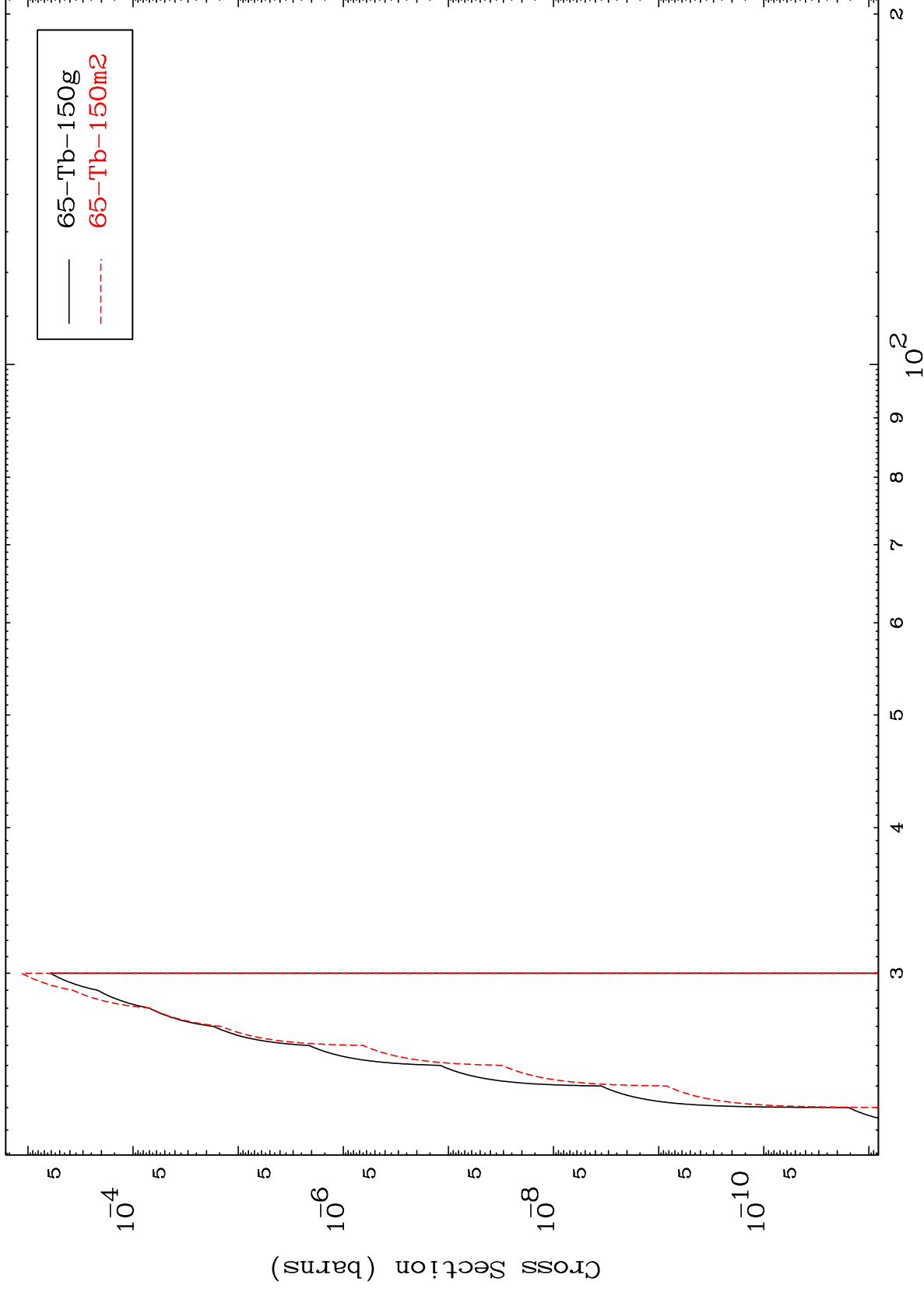


Radionuclide Production Cross Section



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

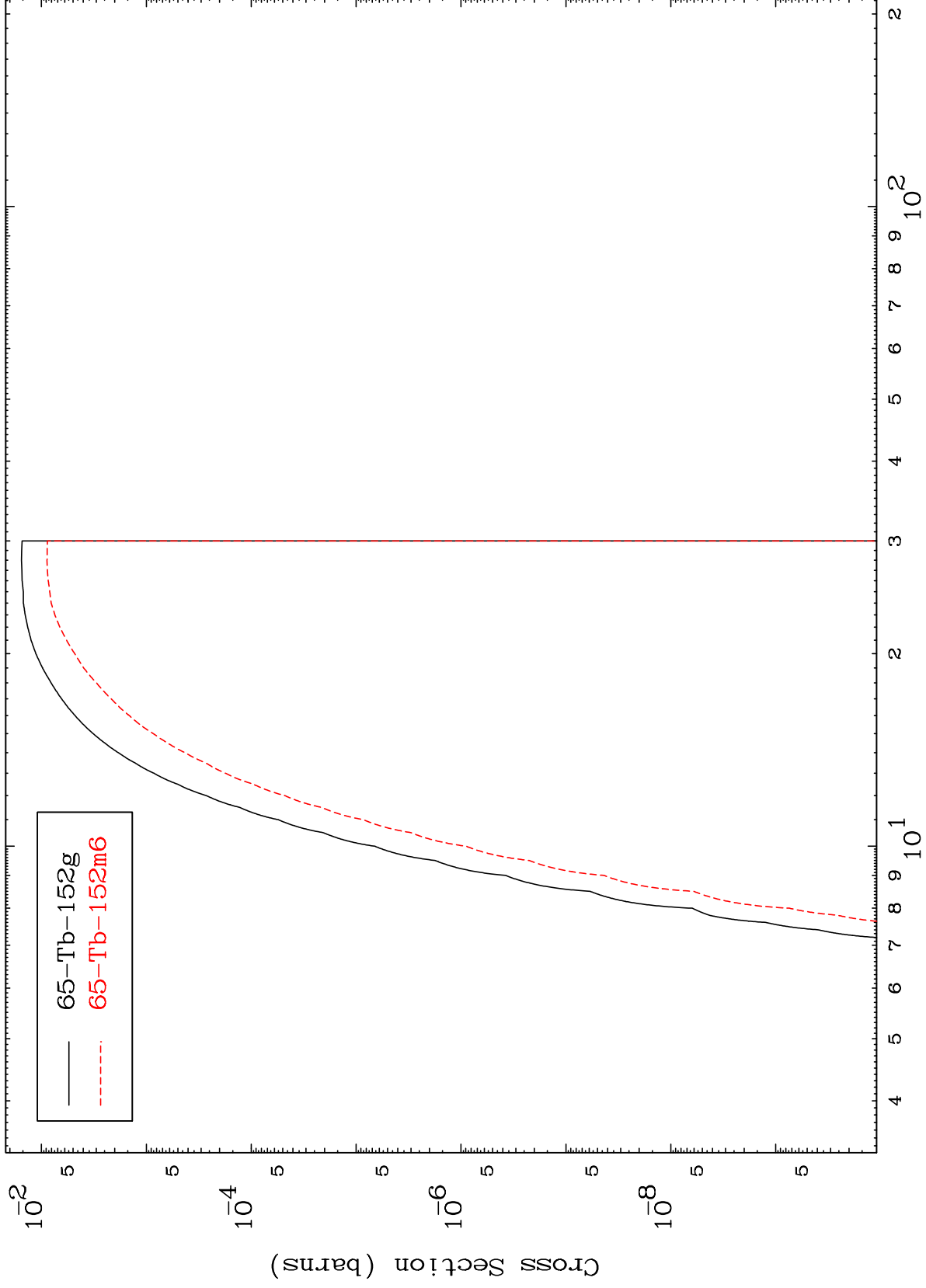
Radionuclide Production Cross Section



MAT 6616

66-Dy-153

(n,d)
Radionuclide Production Cross Section



130

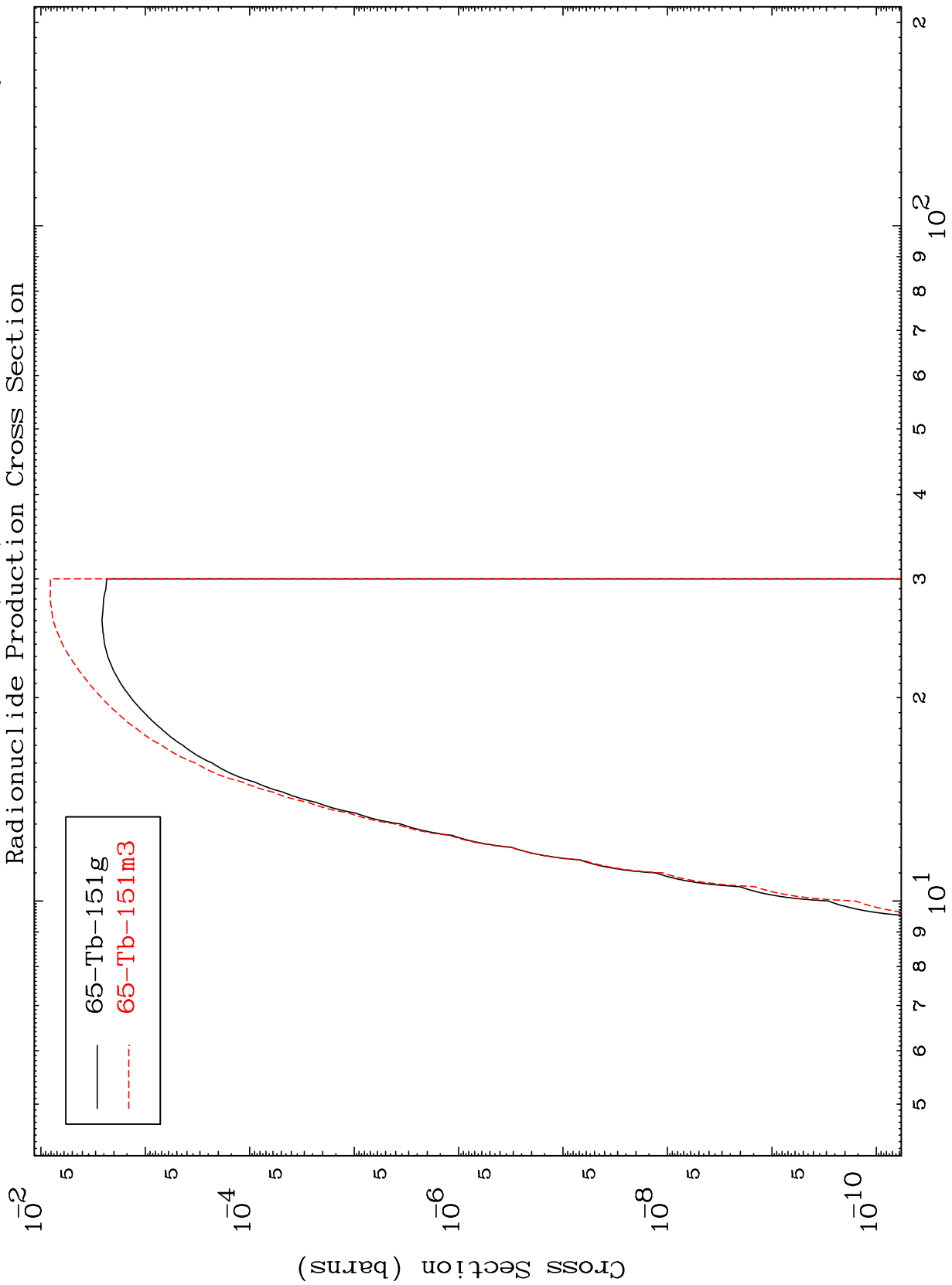
Incident Energy (MeV)

66-Dy-153

MAT 6616

66-Dy-153

Radionuclide Production Cross Section
(n, t)



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

131

Incident Energy (MeV)

66-Dy-153