

Program EVALPLOT  
(Version 2015-2)

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:home.comcast.net/~redcullen1

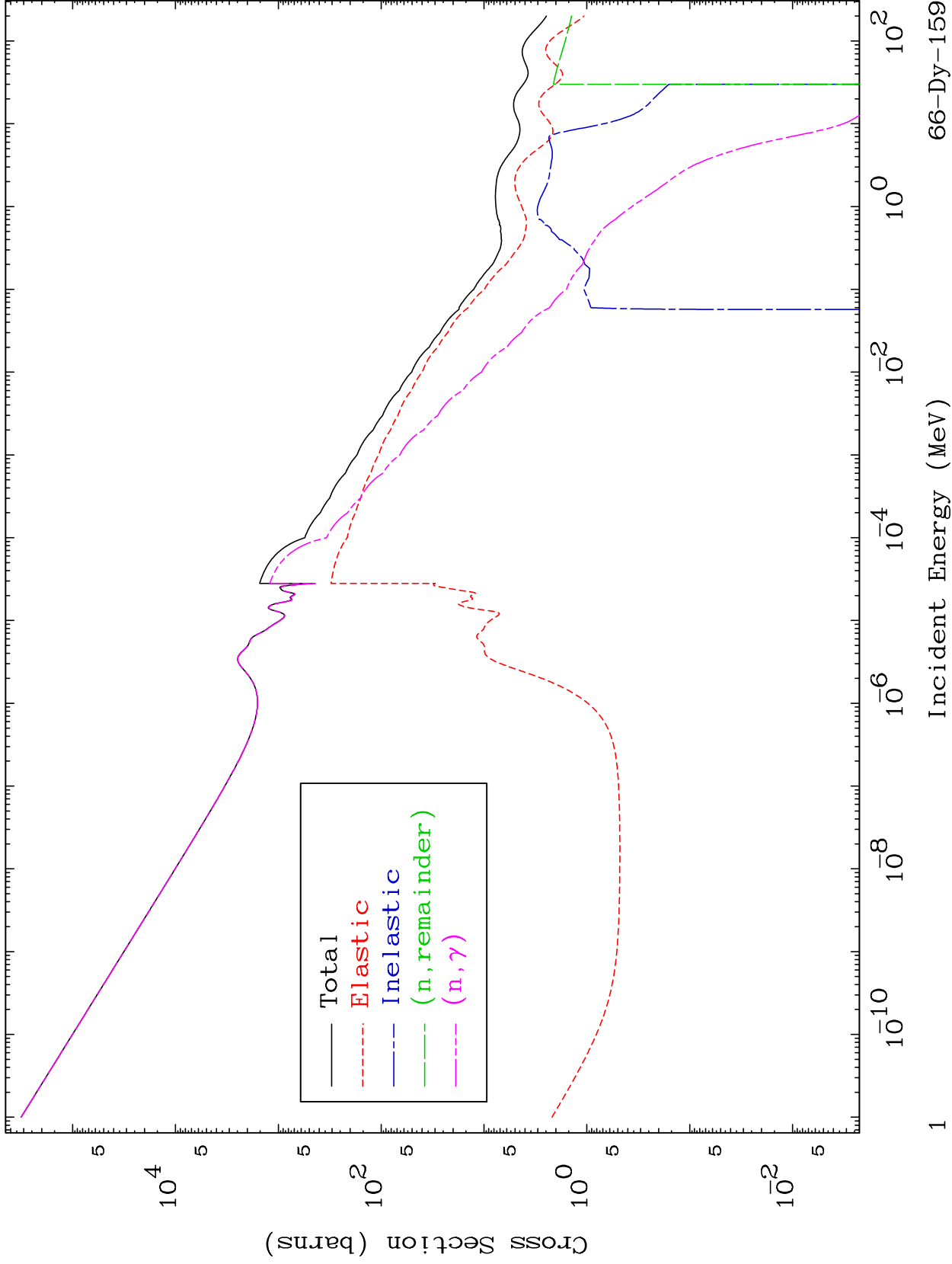
Press Mouse Button to Start

MAT 6634

Major

293 Kelvin Cross Sections

66-Dy-159

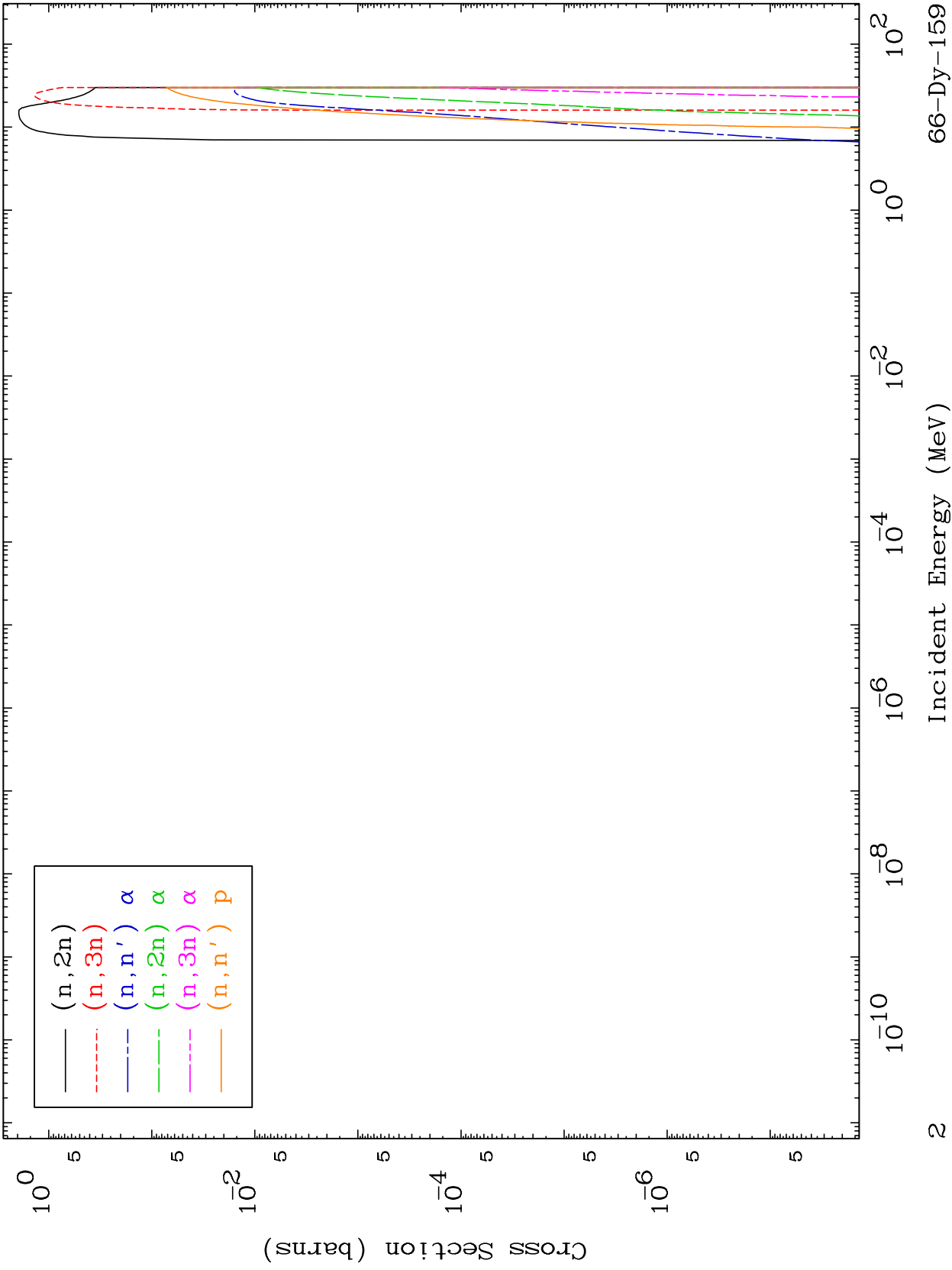


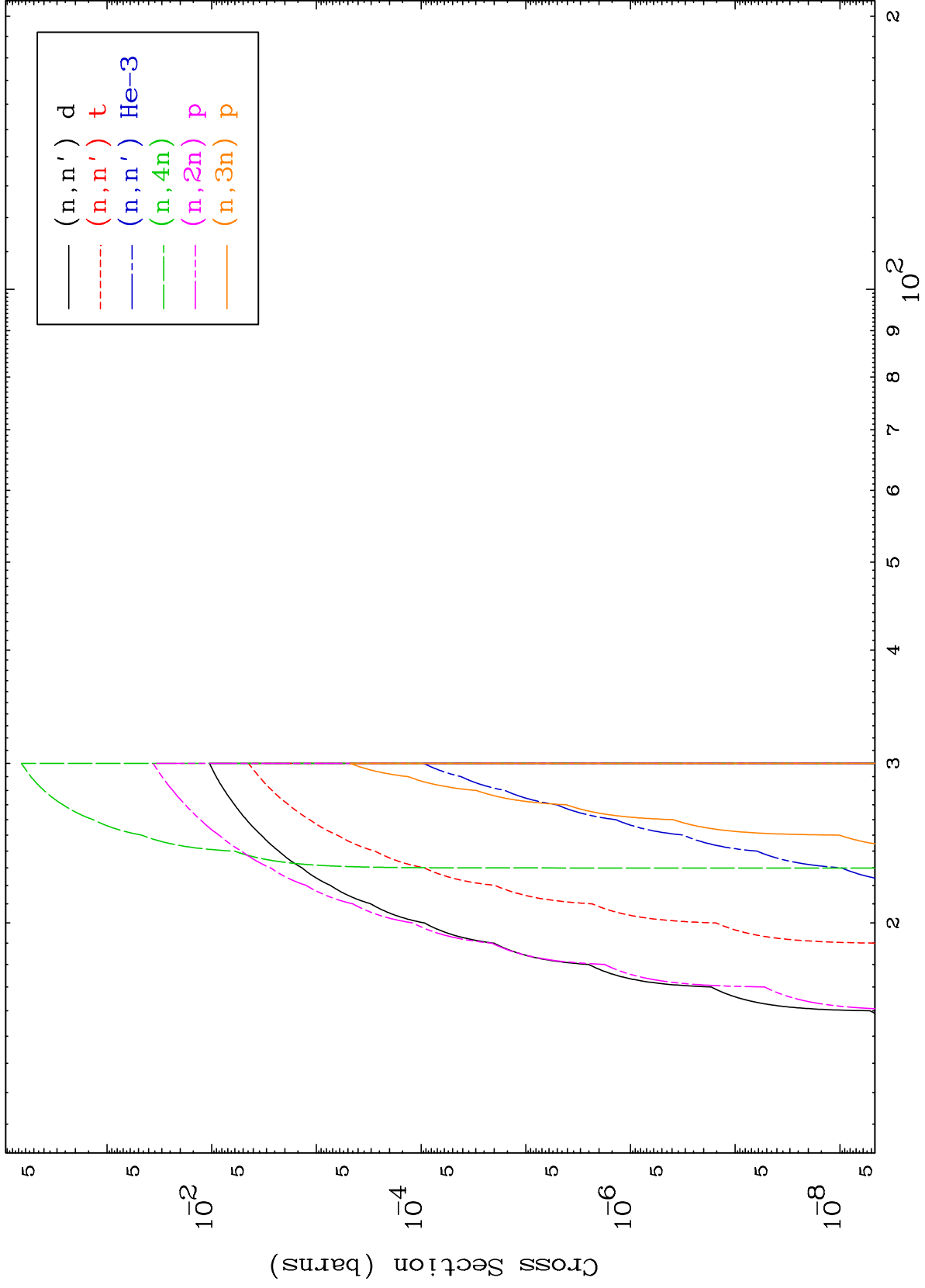
1

MAT 6634

Neutron Production  
293 Kelvin Cross Sections

66-Dy-159

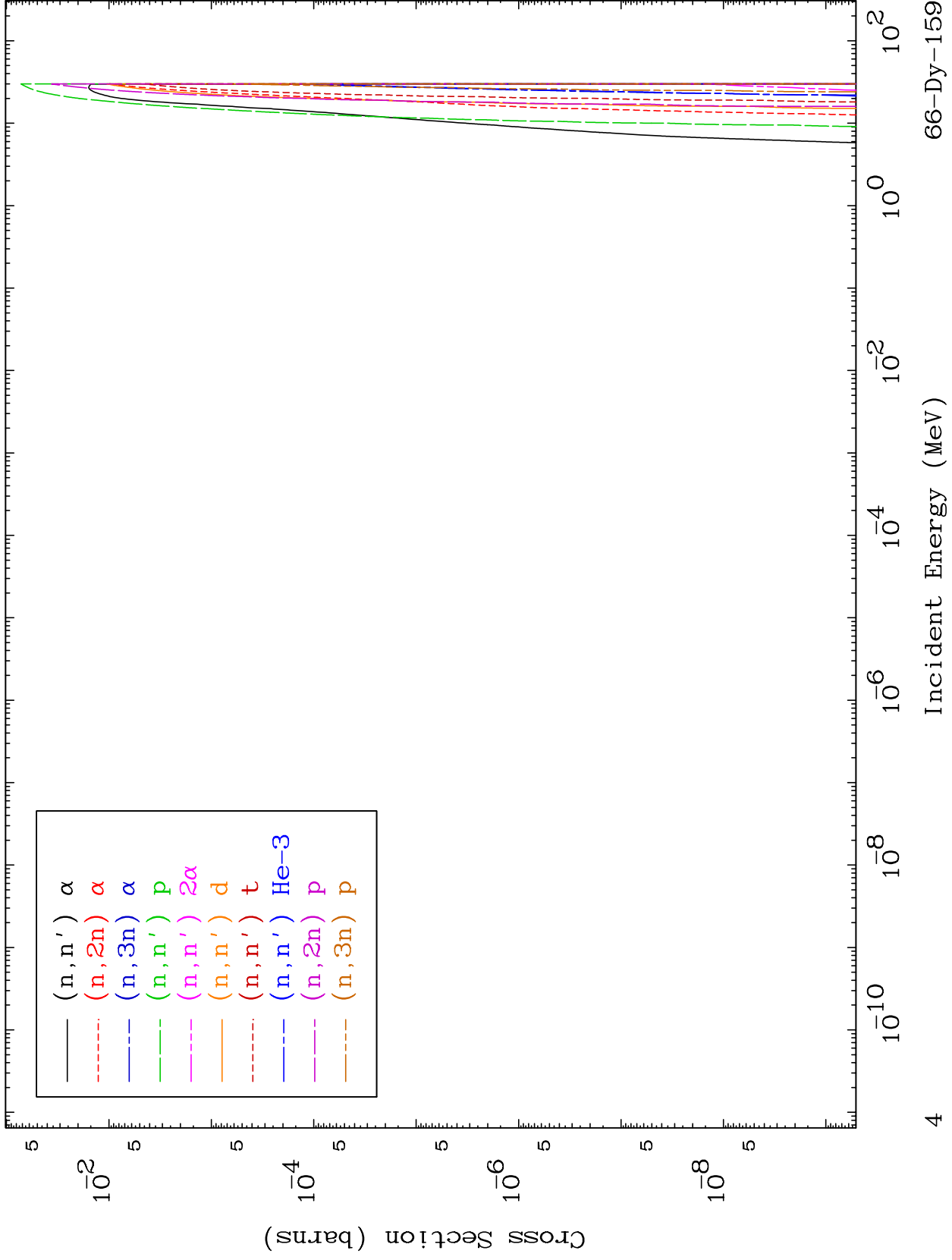




MAT 6634

Charged Particle  
293 Kelvin Cross Sections

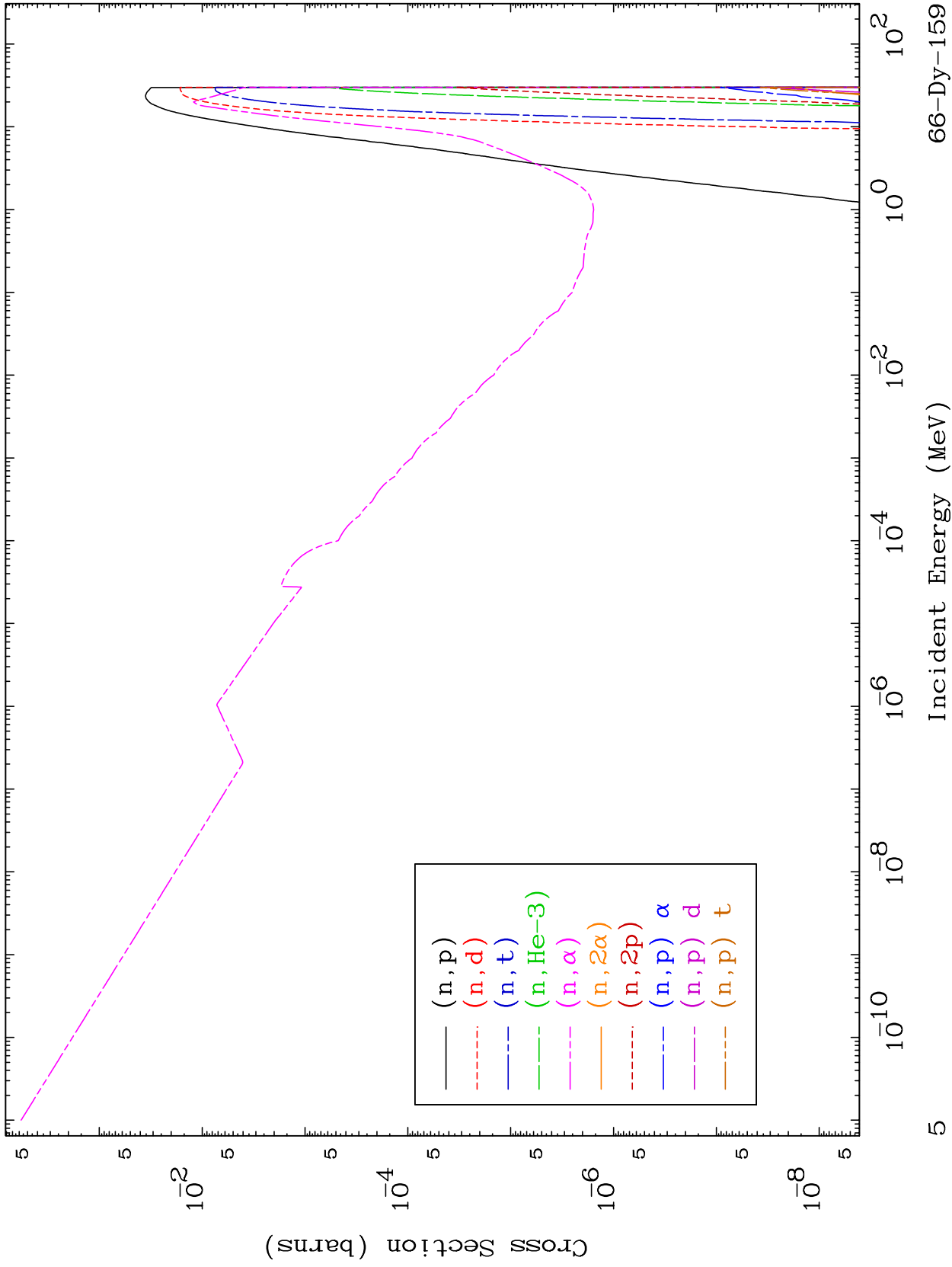
66-Dy-159

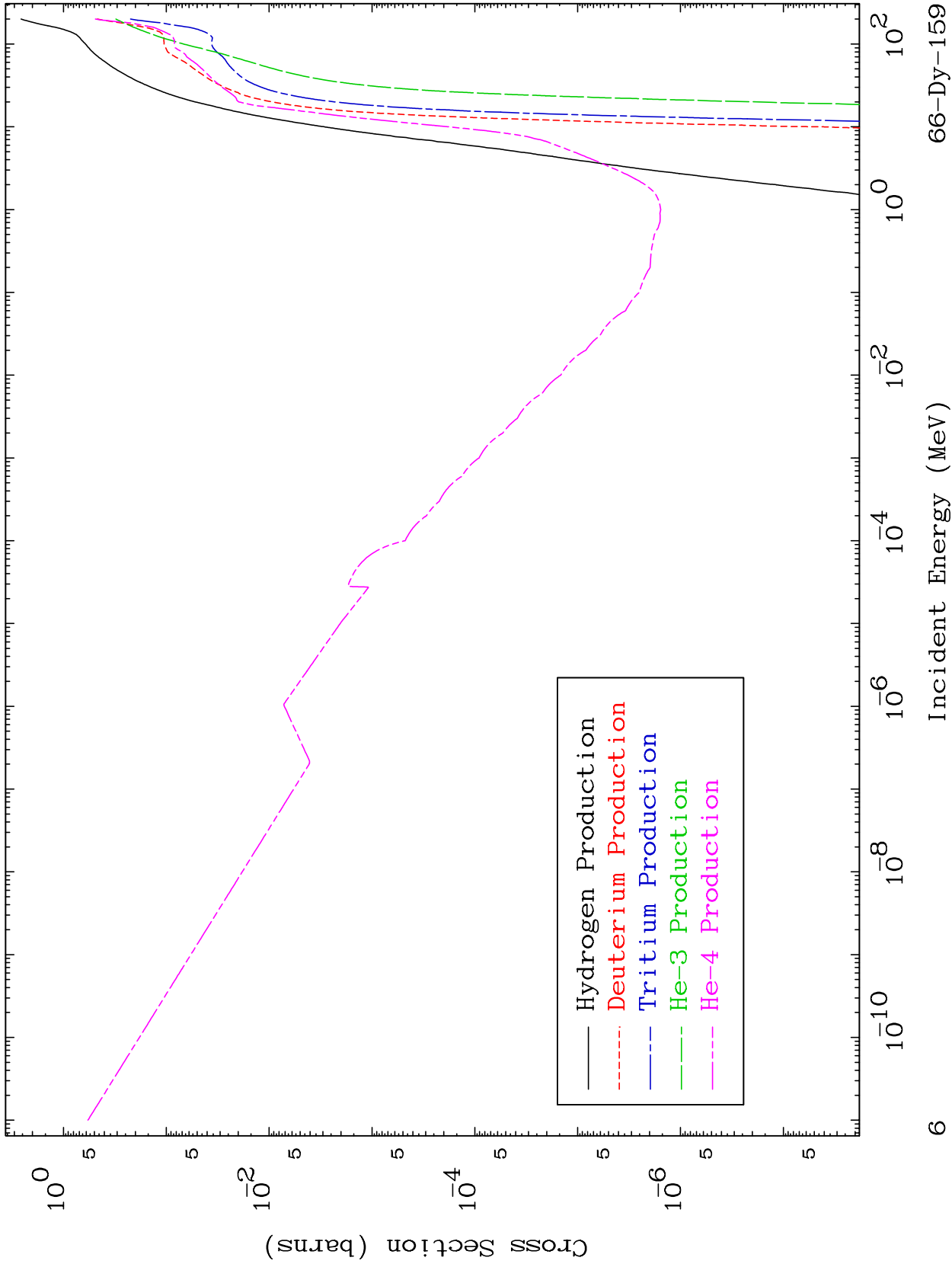


MAT 6634

Charged Particle  
293 Kelvin Cross Sections

66-Dy-159

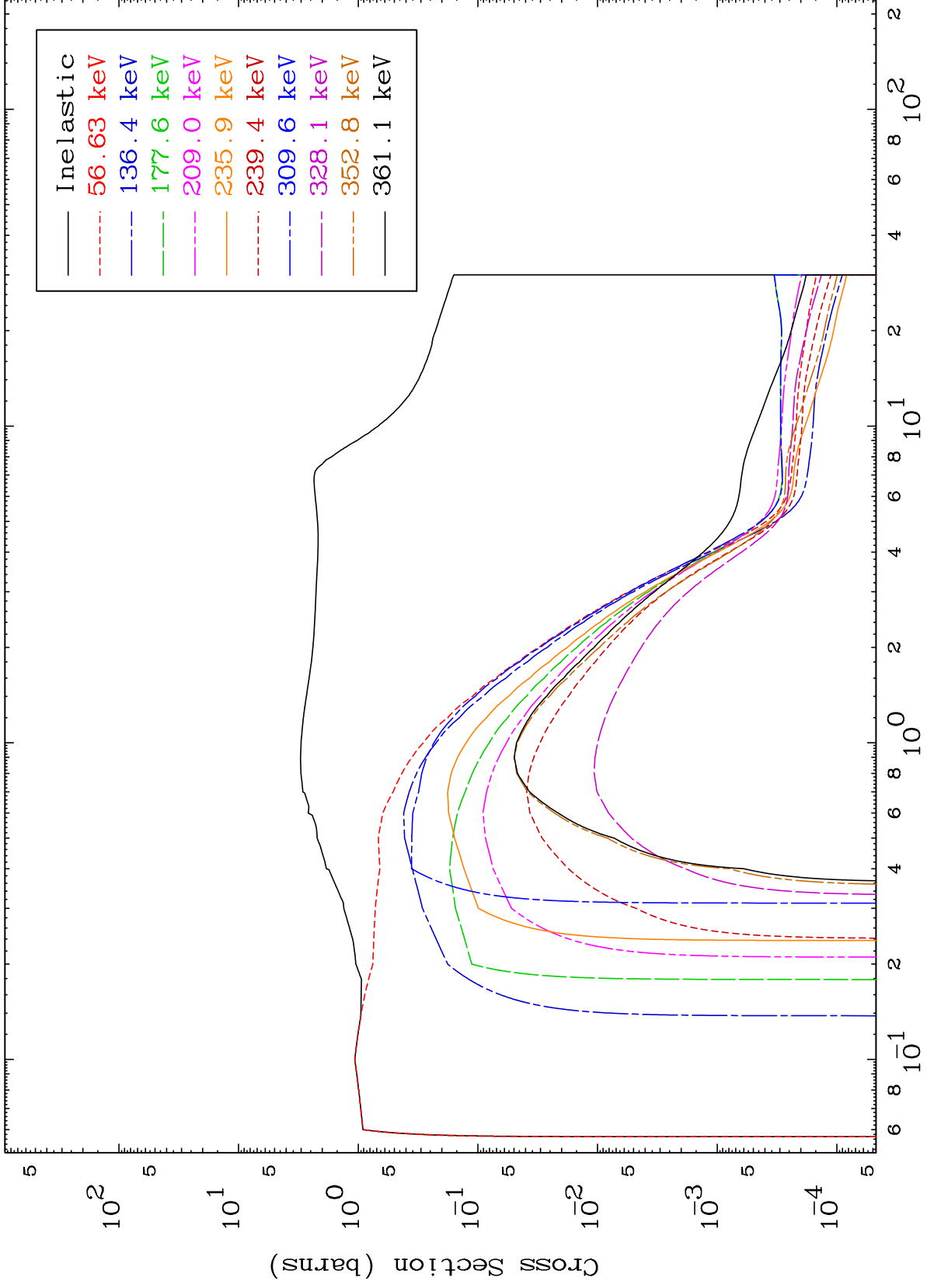




MAT 6634

(n,n') Level  
293 Kelvin Cross Sections

66-Dy-159



7

Incident Energy (MeV)

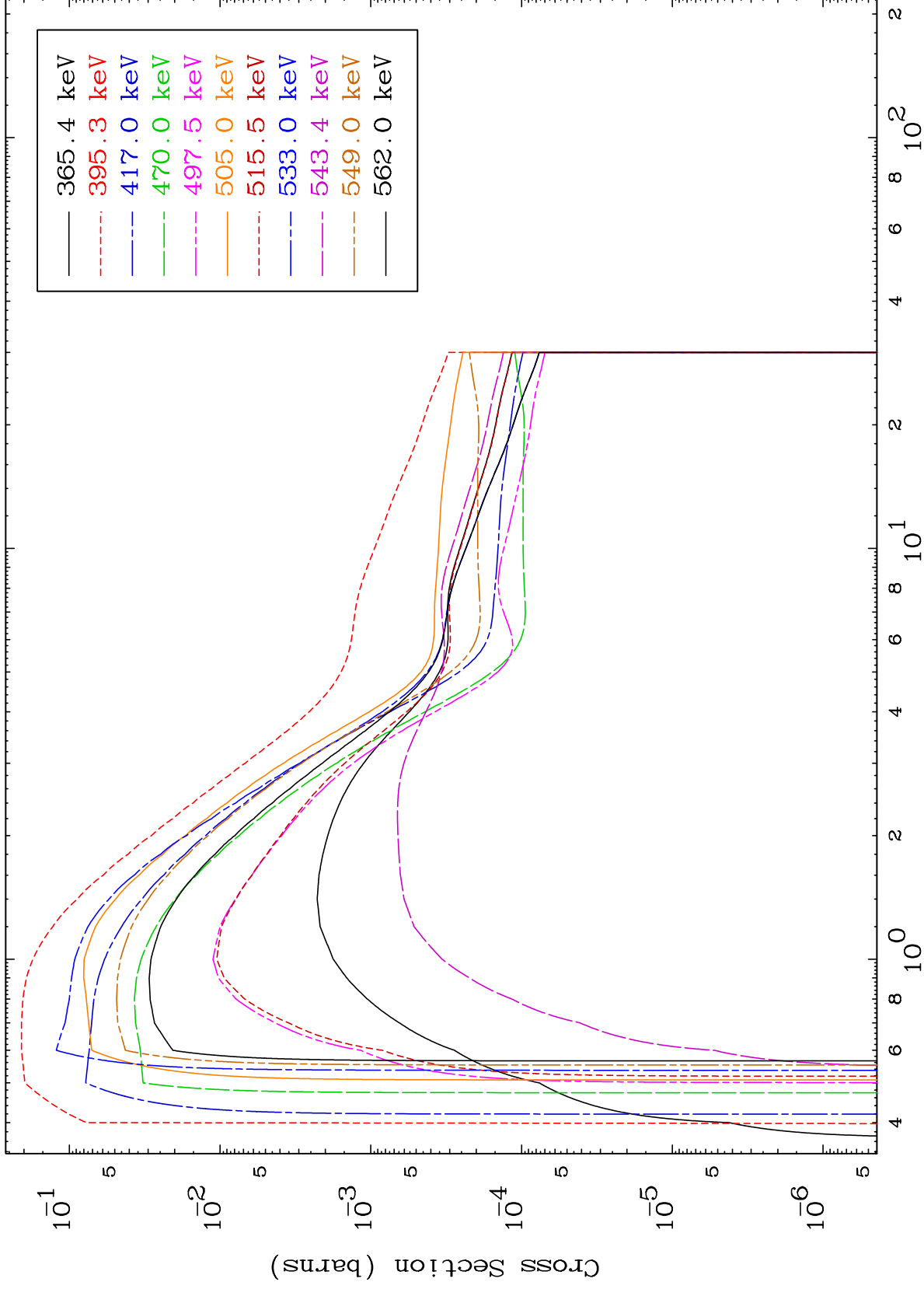
66-Dy-159



MAT 6634

(n,n') Level  
293 Kelvin Cross Sections

66-Dy-159



8

Incident Energy (MeV)

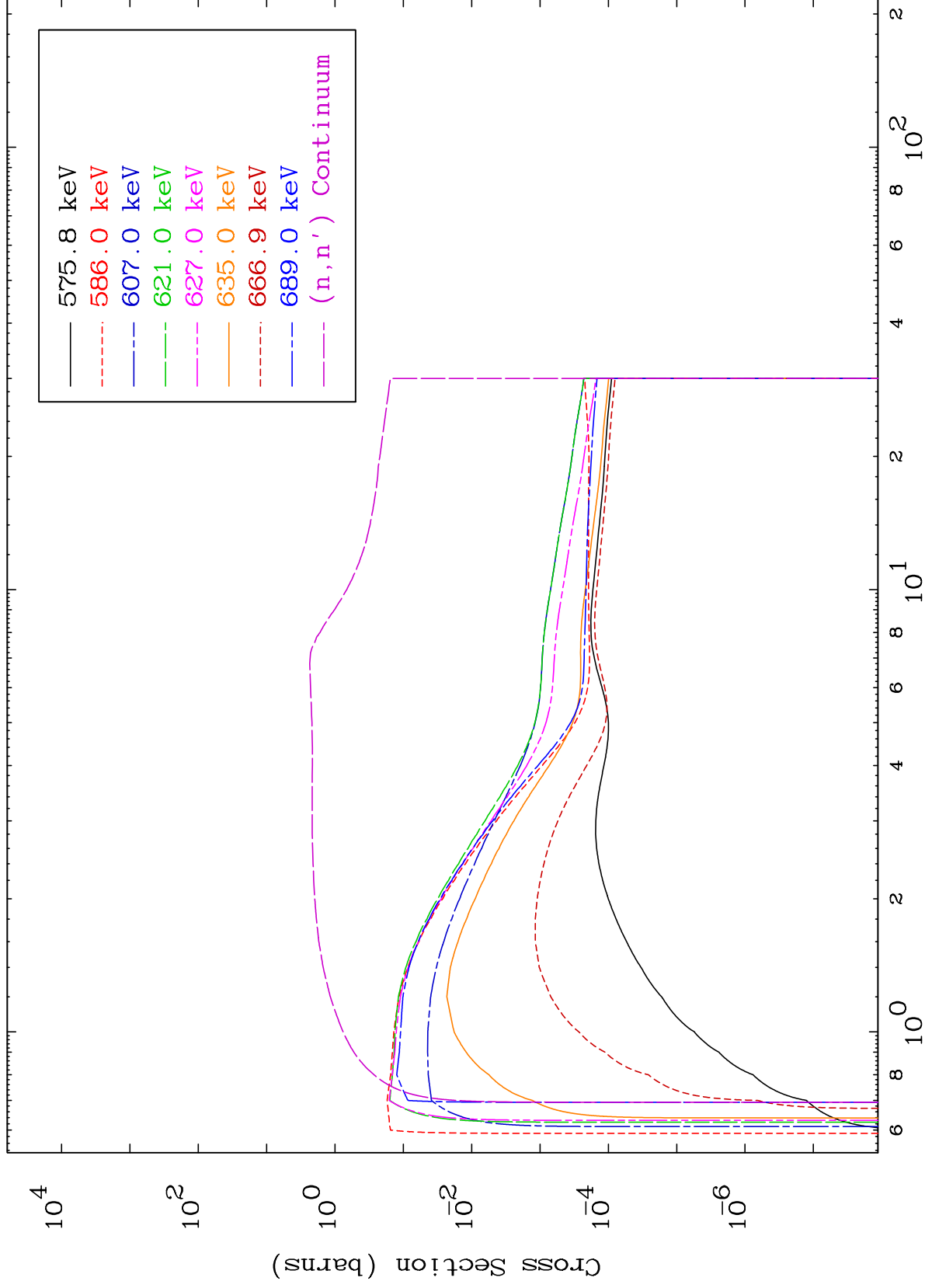
66-Dy-159

MAT 6634

(n,n') Level

293 Kelvin Cross Sections

66-Dy-159



9

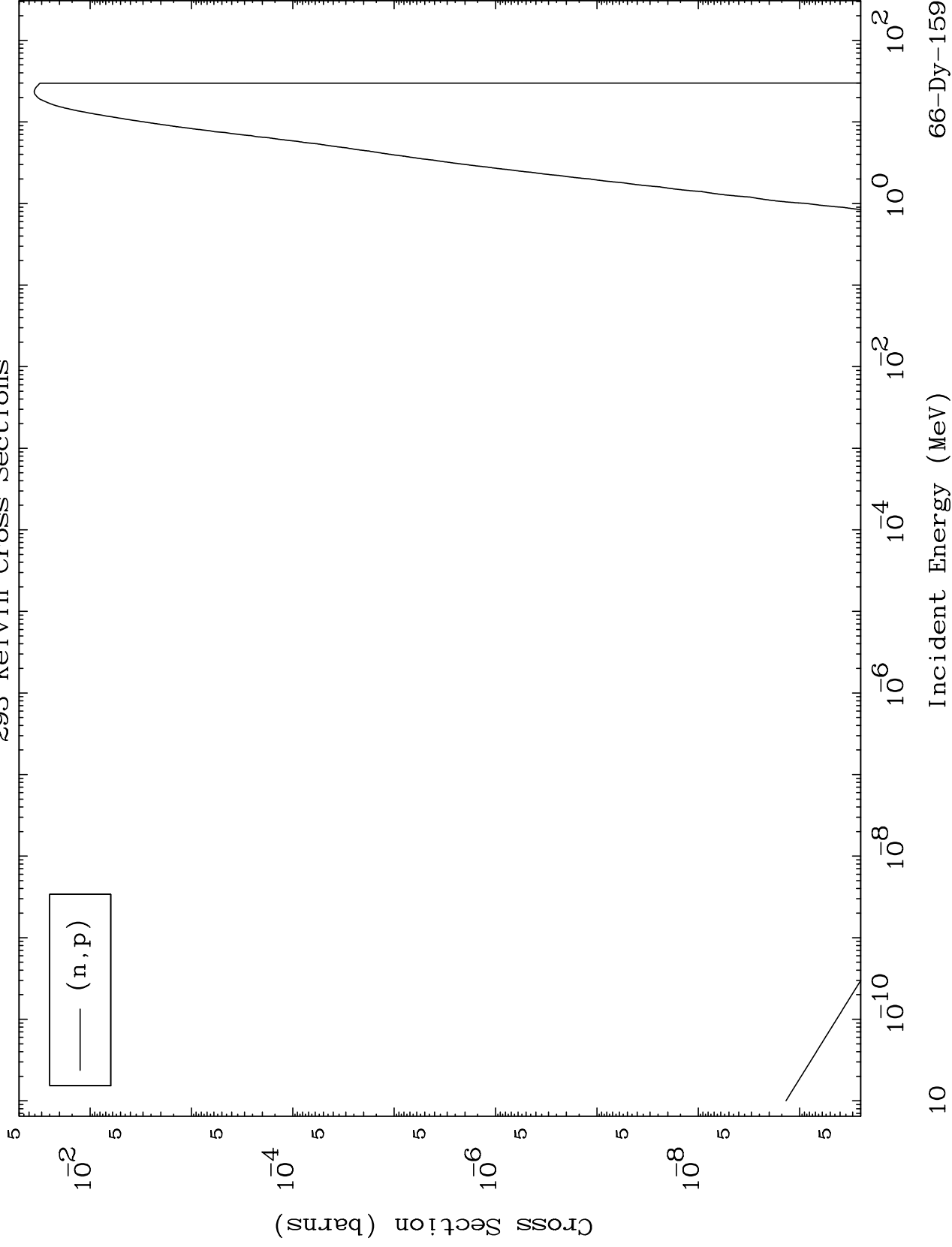
Incident Energy (MeV)

66-Dy-159

MAT 6634

(n,p) Levels  
293 Kelvin Cross Sections

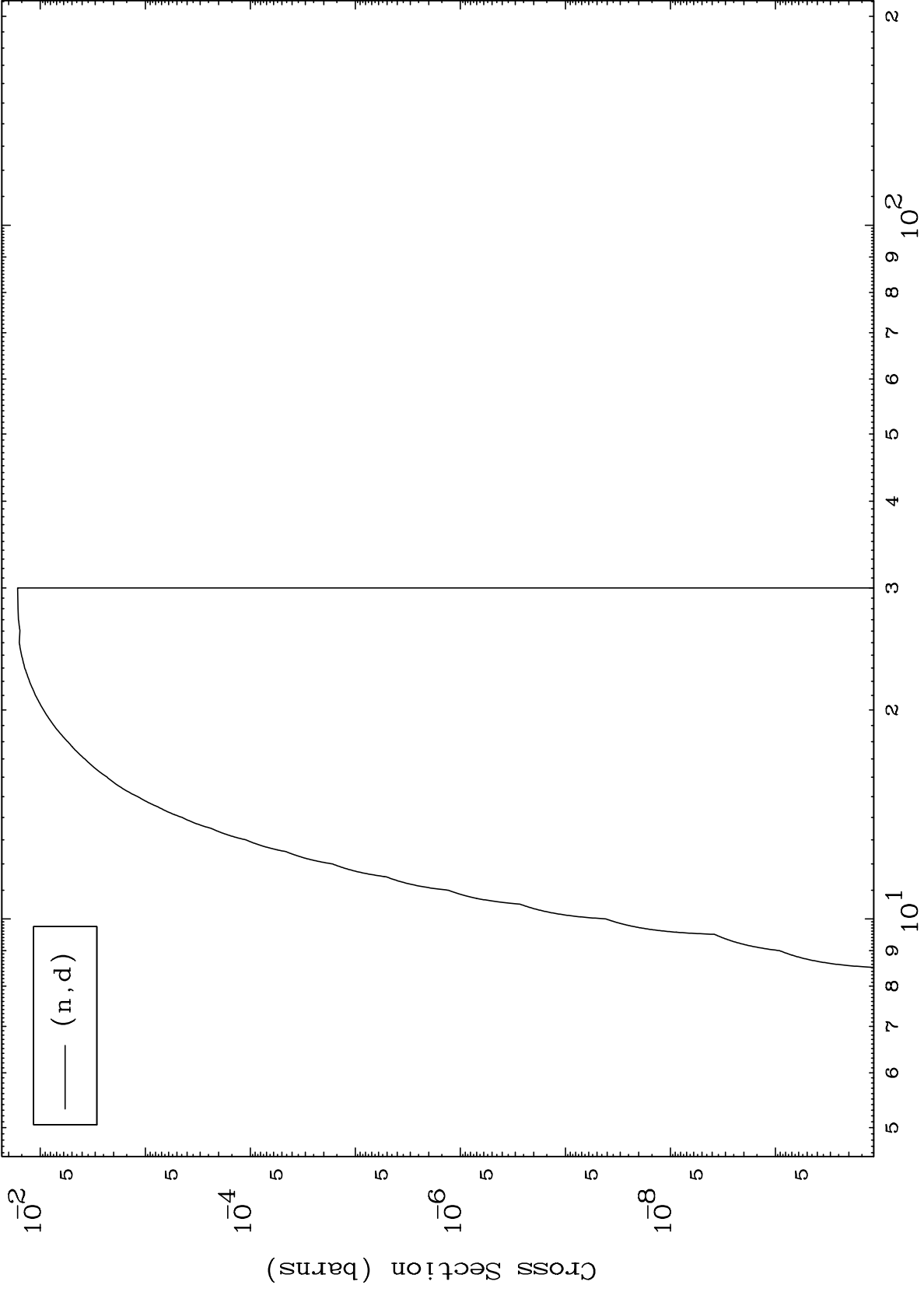
66-Dy-159



MAT 6634

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-159



11

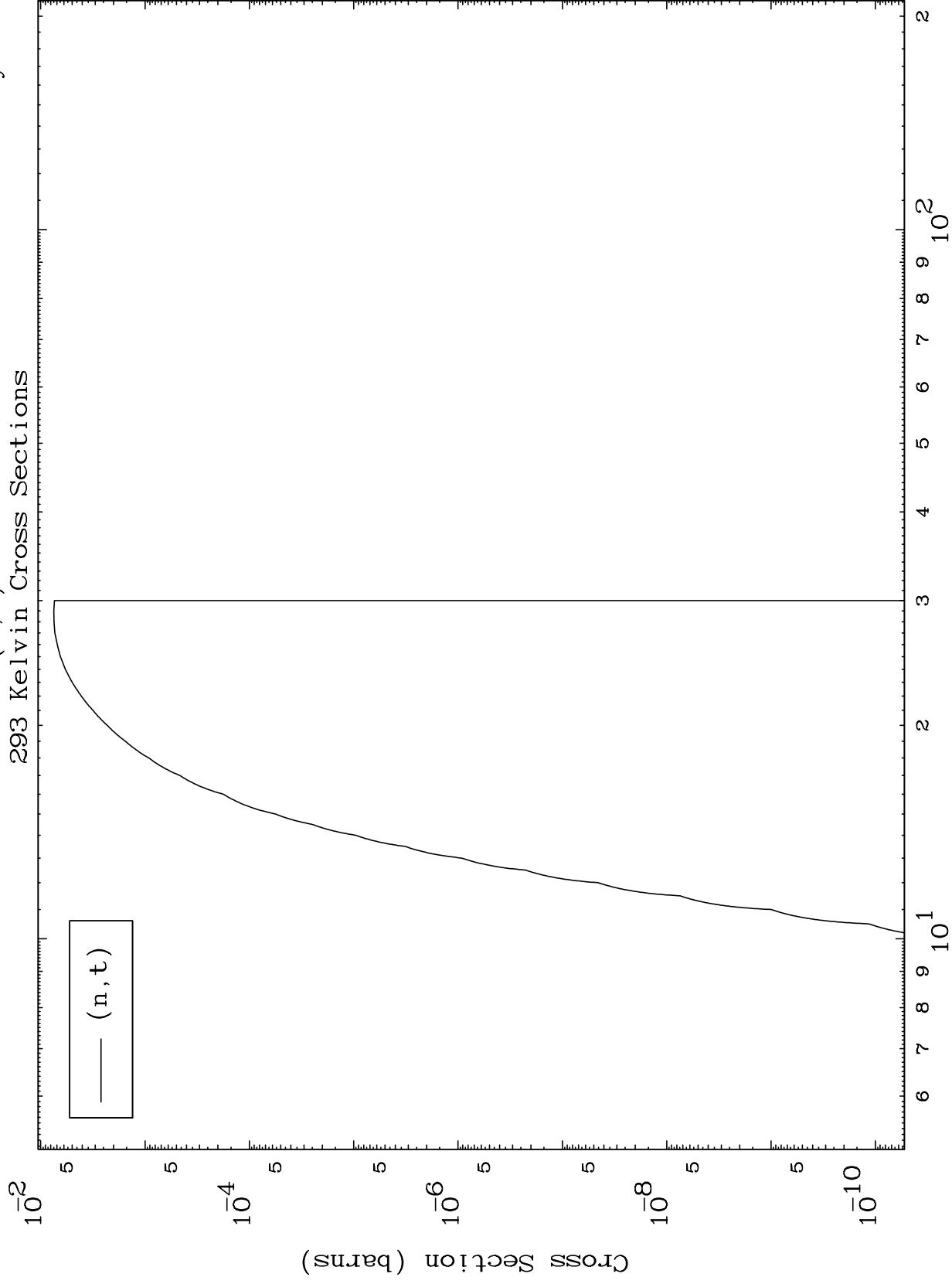
Incident Energy (MeV)

66-Dy-159

MAT 6634

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-159



12

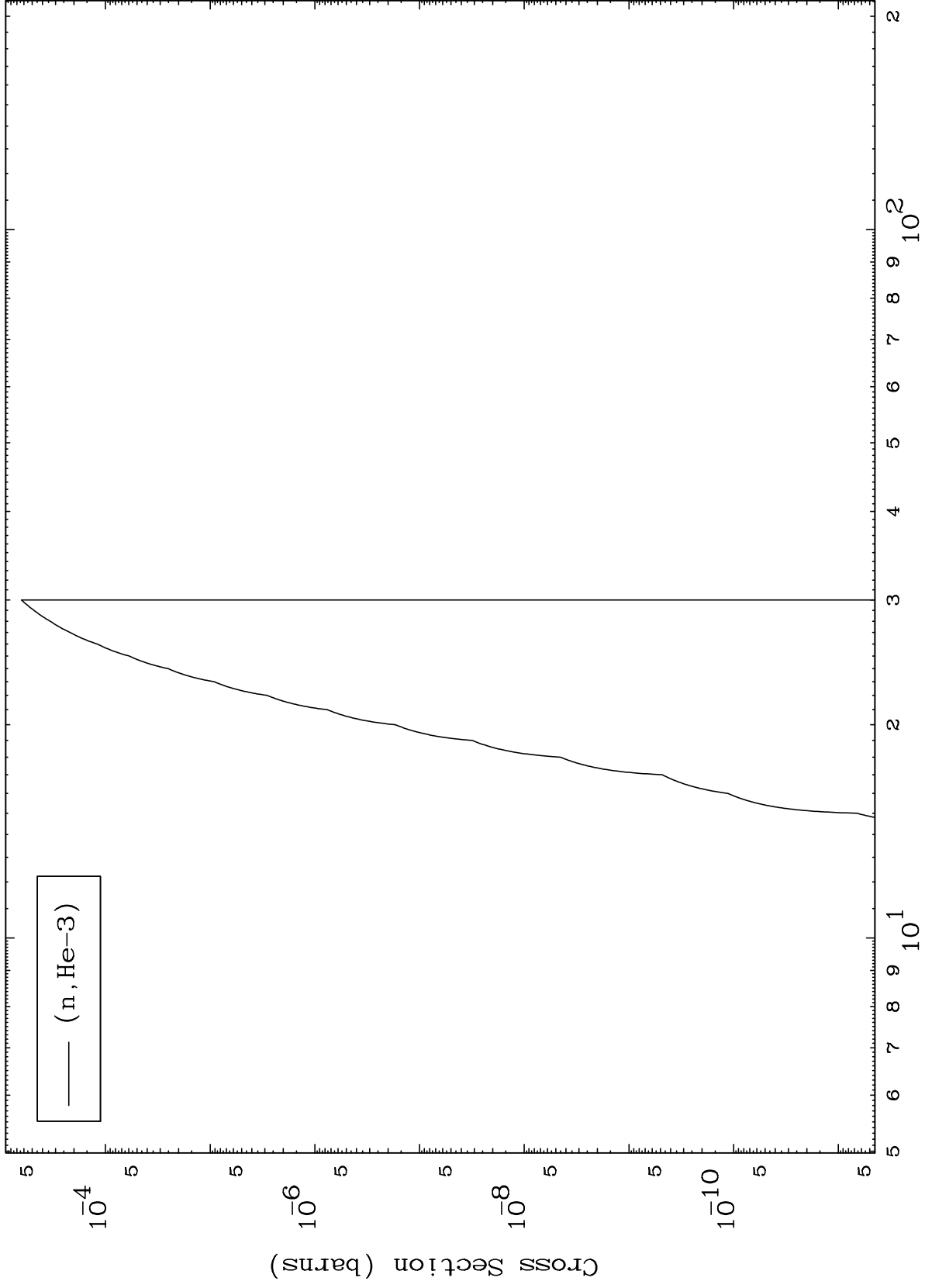
Incident Energy (MeV)

66-Dy-159

MAT 6634

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-159



13

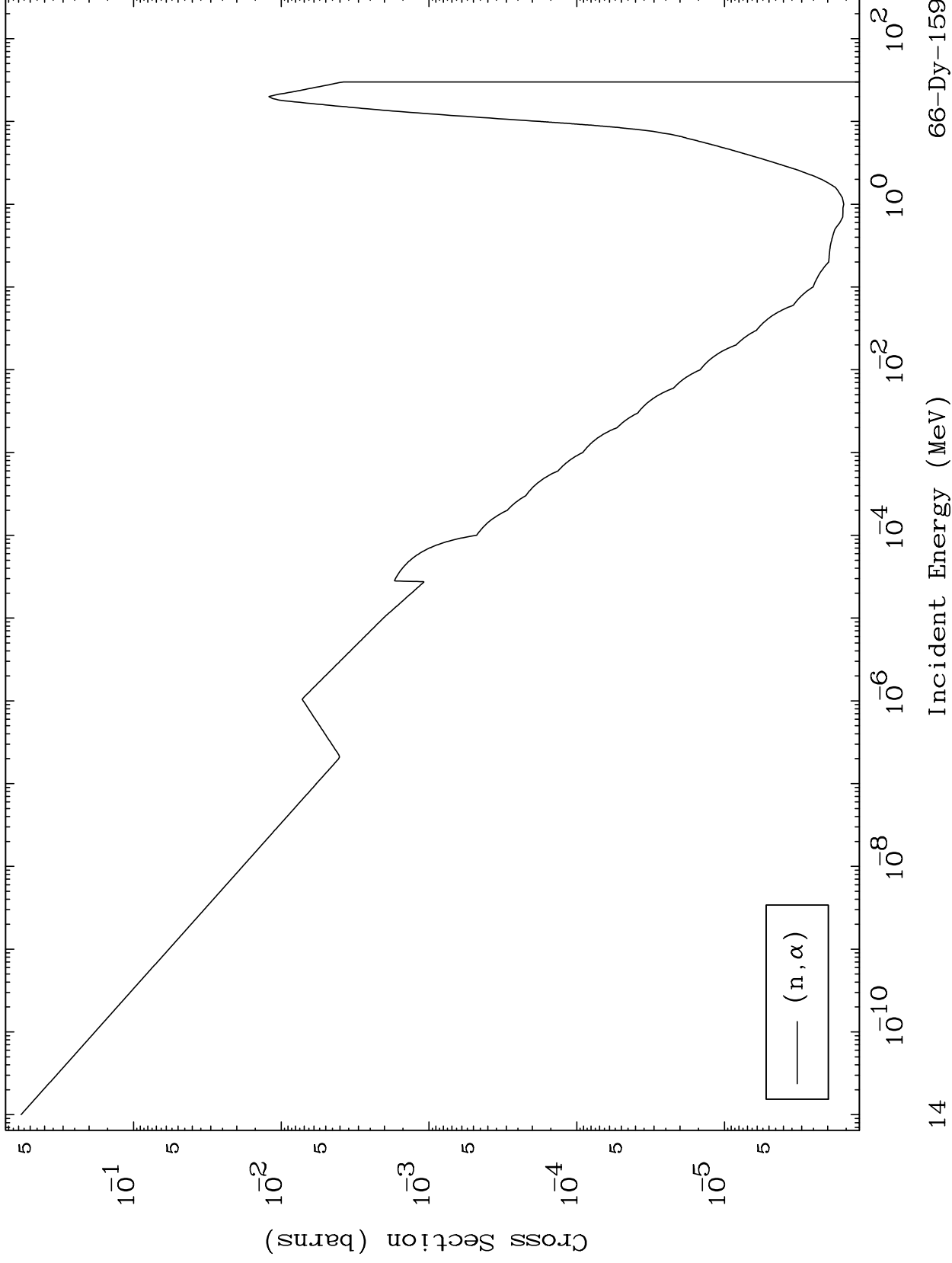
Incident Energy (MeV)

66-Dy-159

MAT 6634

(n,α) Levels  
293 Kelvin Cross Sections

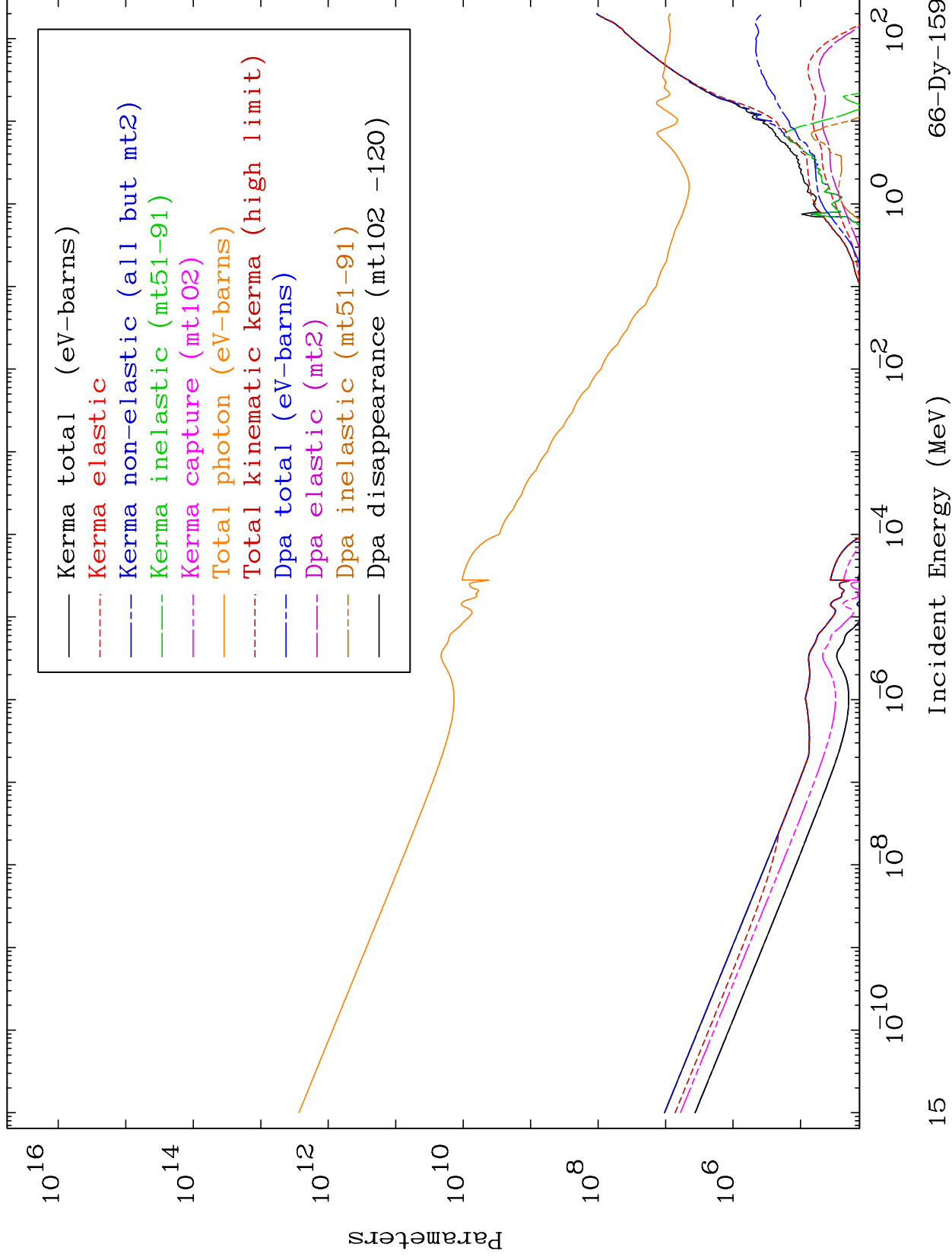
66-Dy-159



14

Incident Energy (MeV)

66-Dy-159

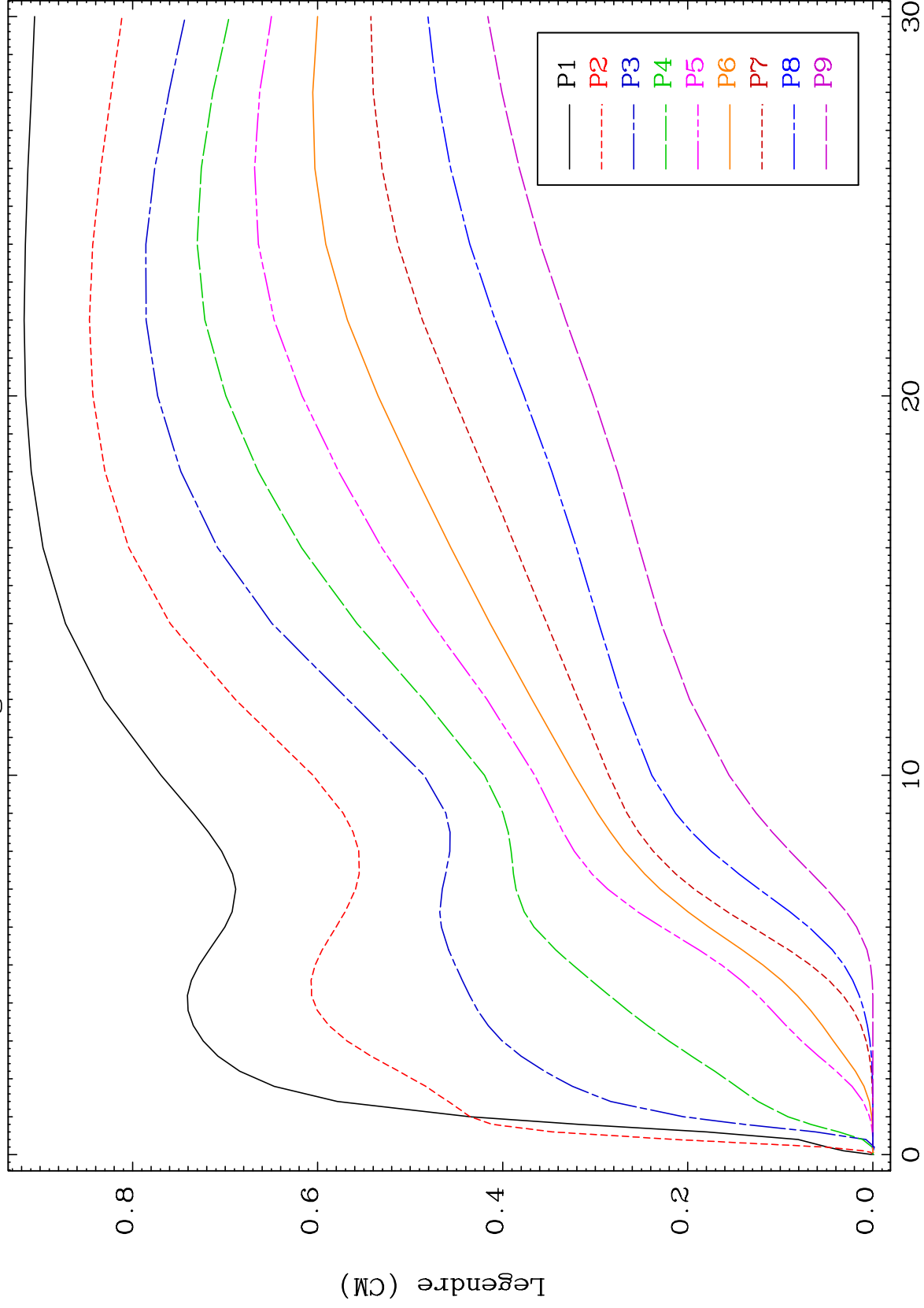




MAT 6634

Elastic Legendre Coefficients

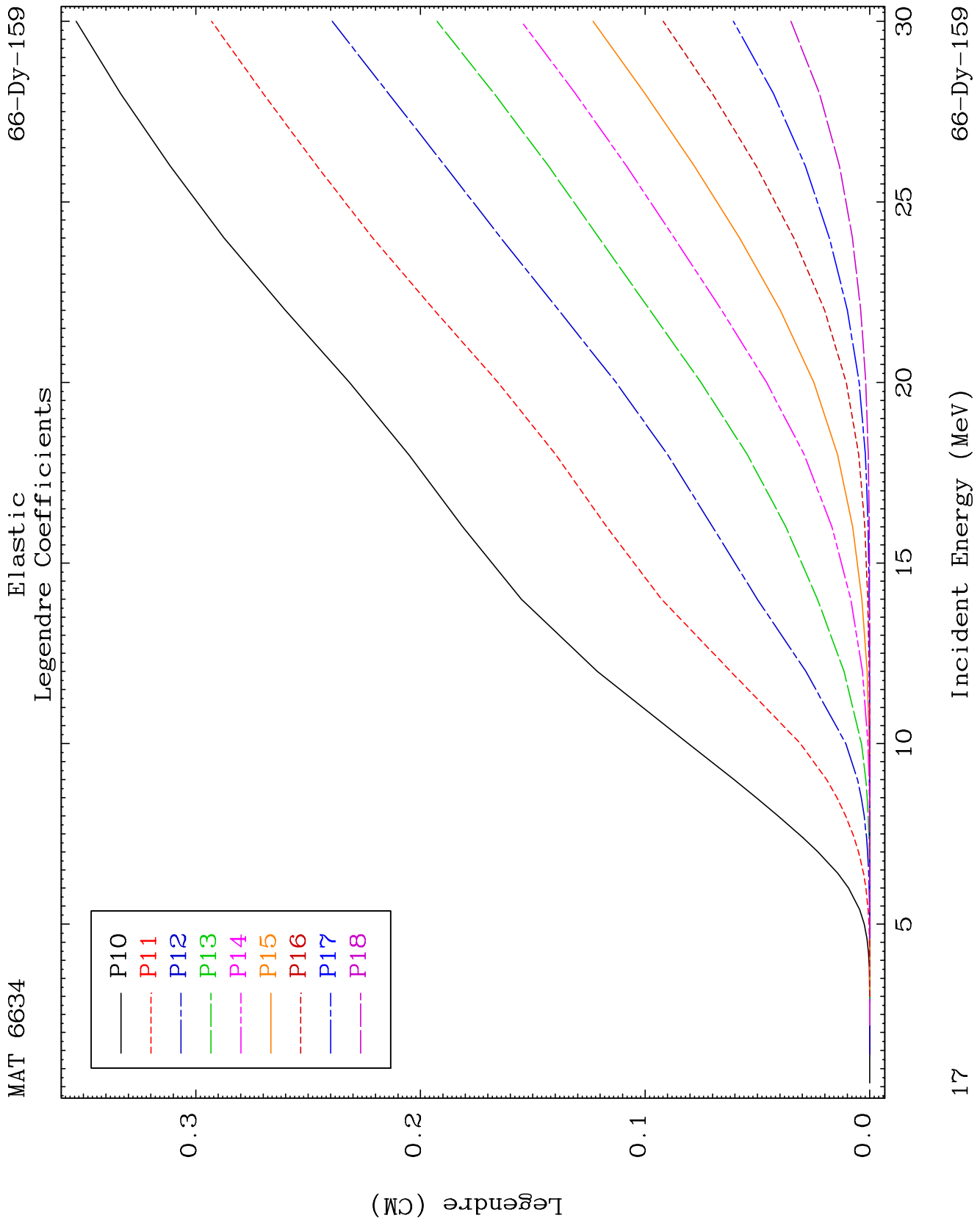
66-Dy-159



16

Incident Energy (MeV)

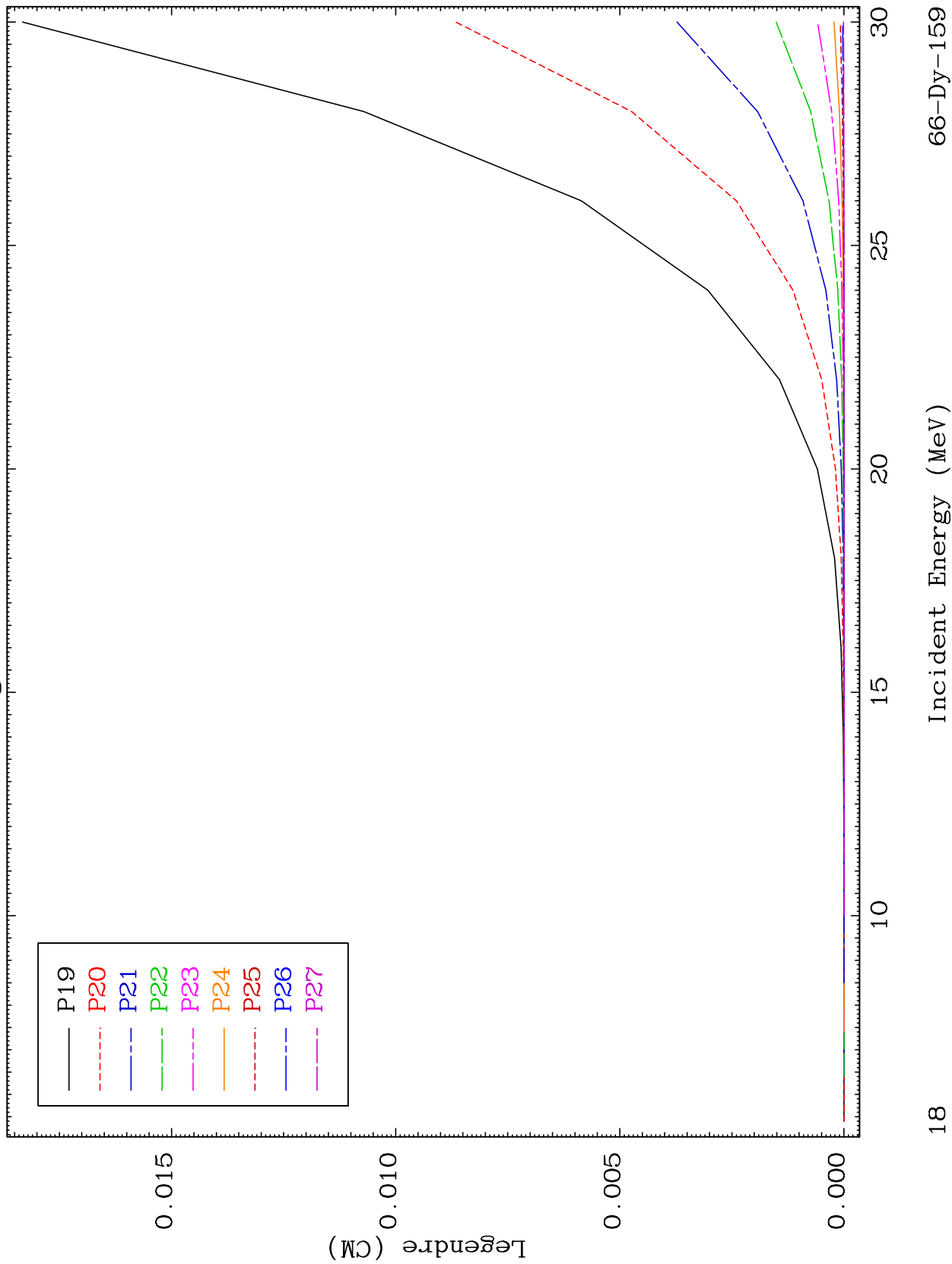
66-Dy-159



MAT 6634

### Elastic Legendre Coefficients

66-Dy-159



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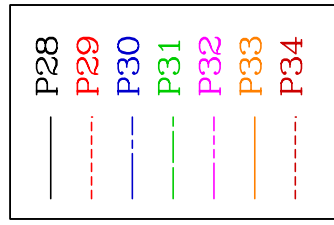
Incident Energy (MeV)

66-Dy-159

MAT 6634

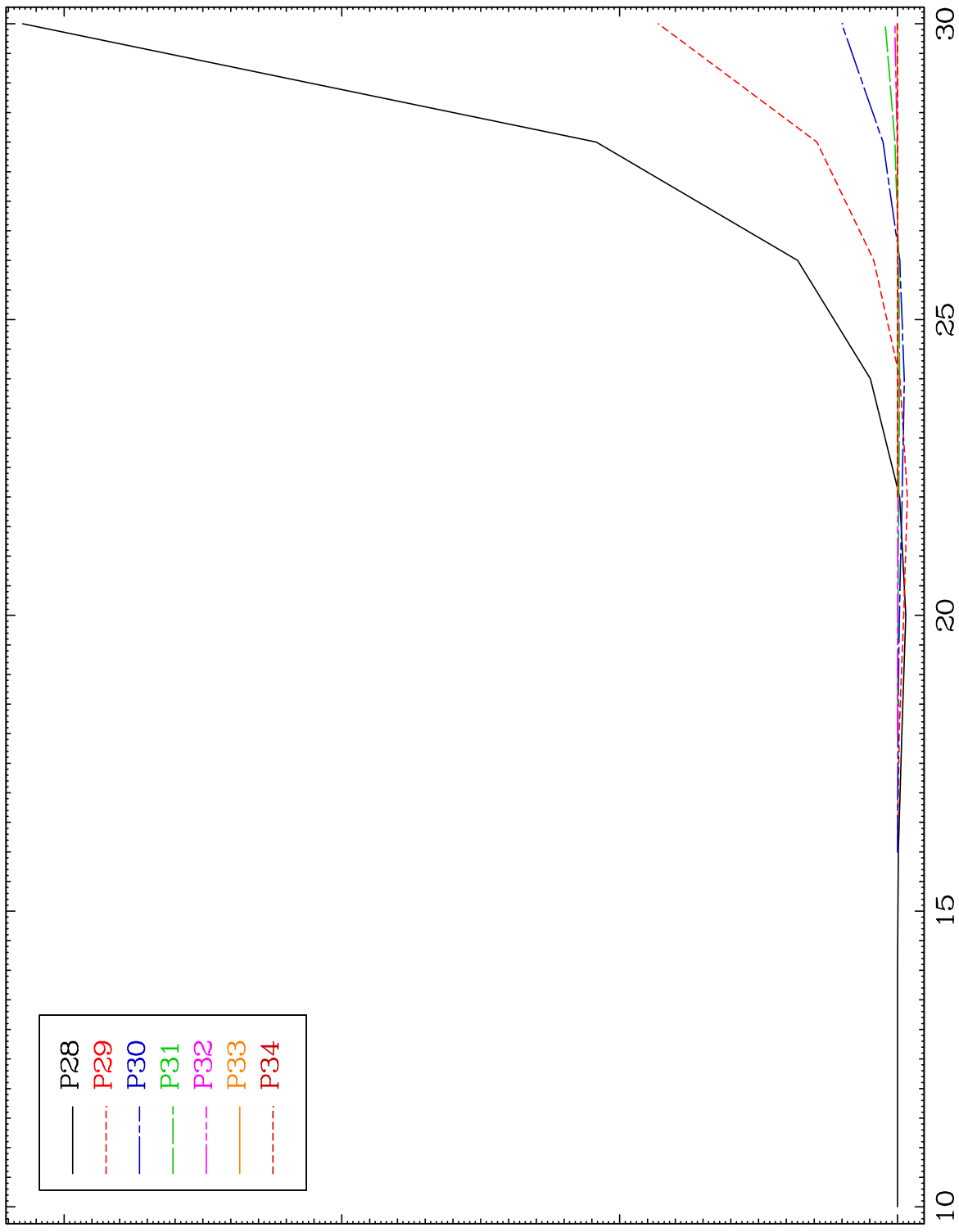
Elastic  
Legendre Coefficients

66-Dy-159



$\times 10^{-63}$

Legendre (CM)



10

Incident Energy (MeV)

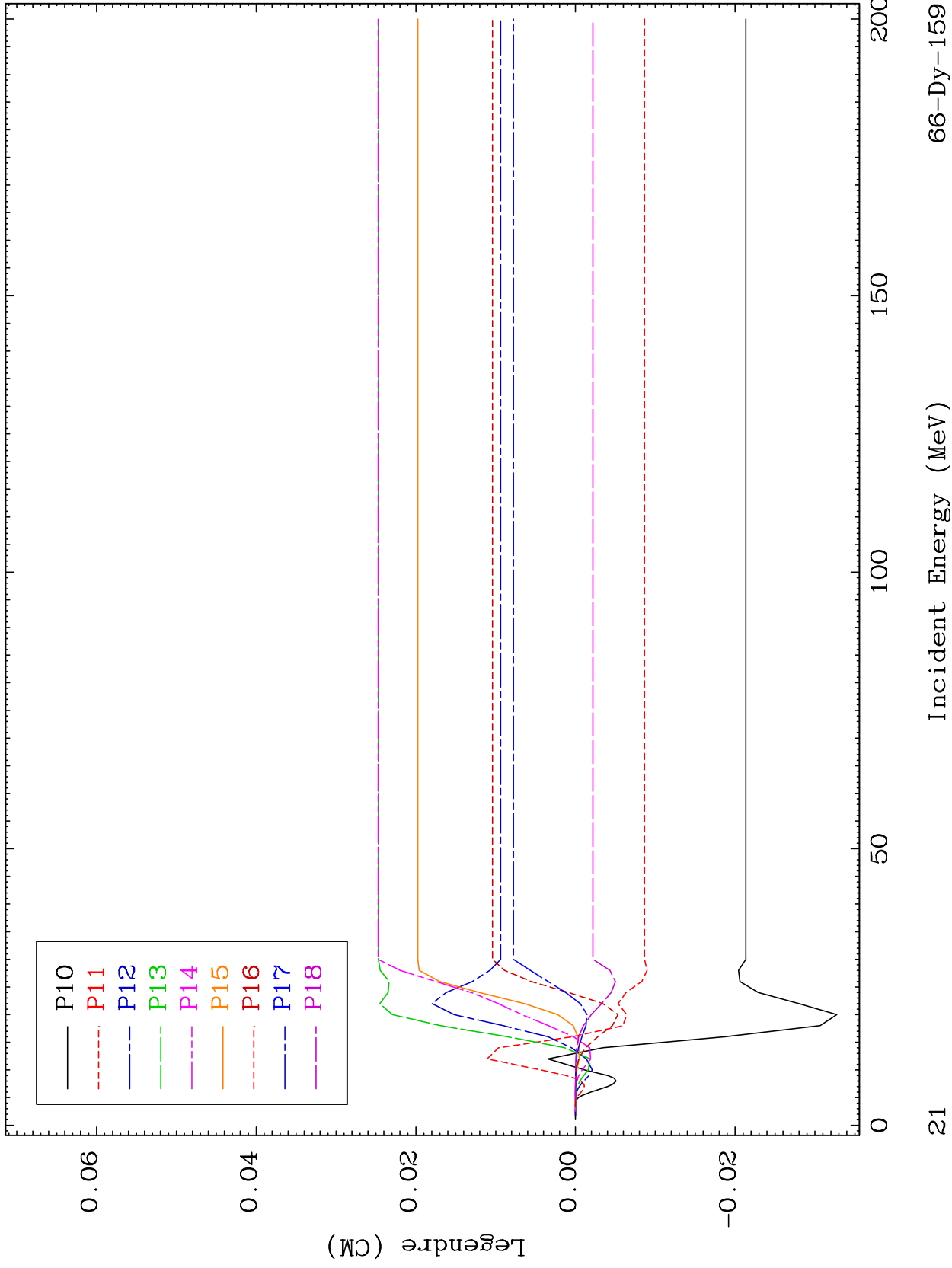
66-Dy-159



MAT 6634

56.63 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



21

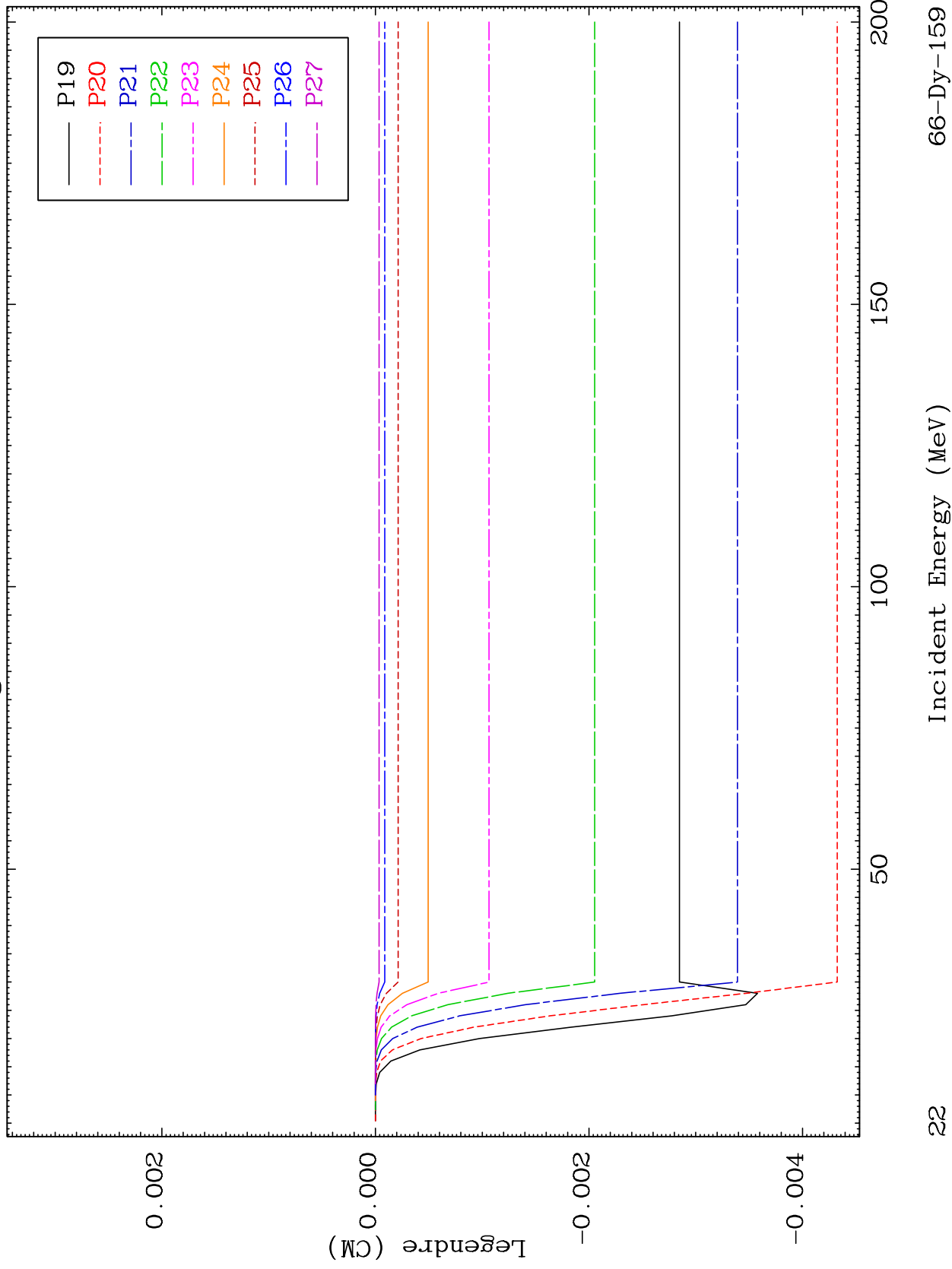
Incident Energy (MeV)

66-Dy-159

MAT 6634

56.63 keV (n,n') Level  
Legendre Coefficients

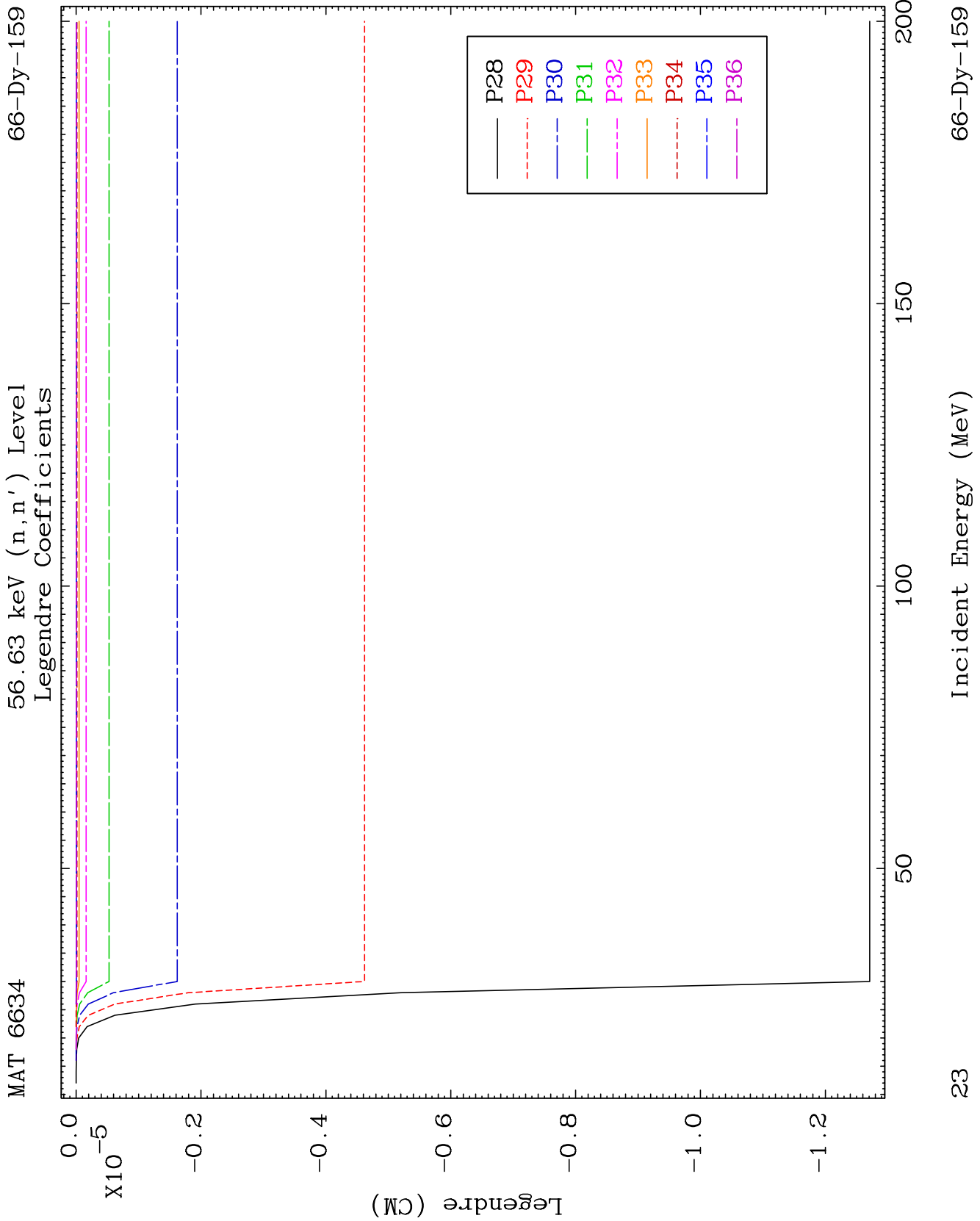
66-Dy-159



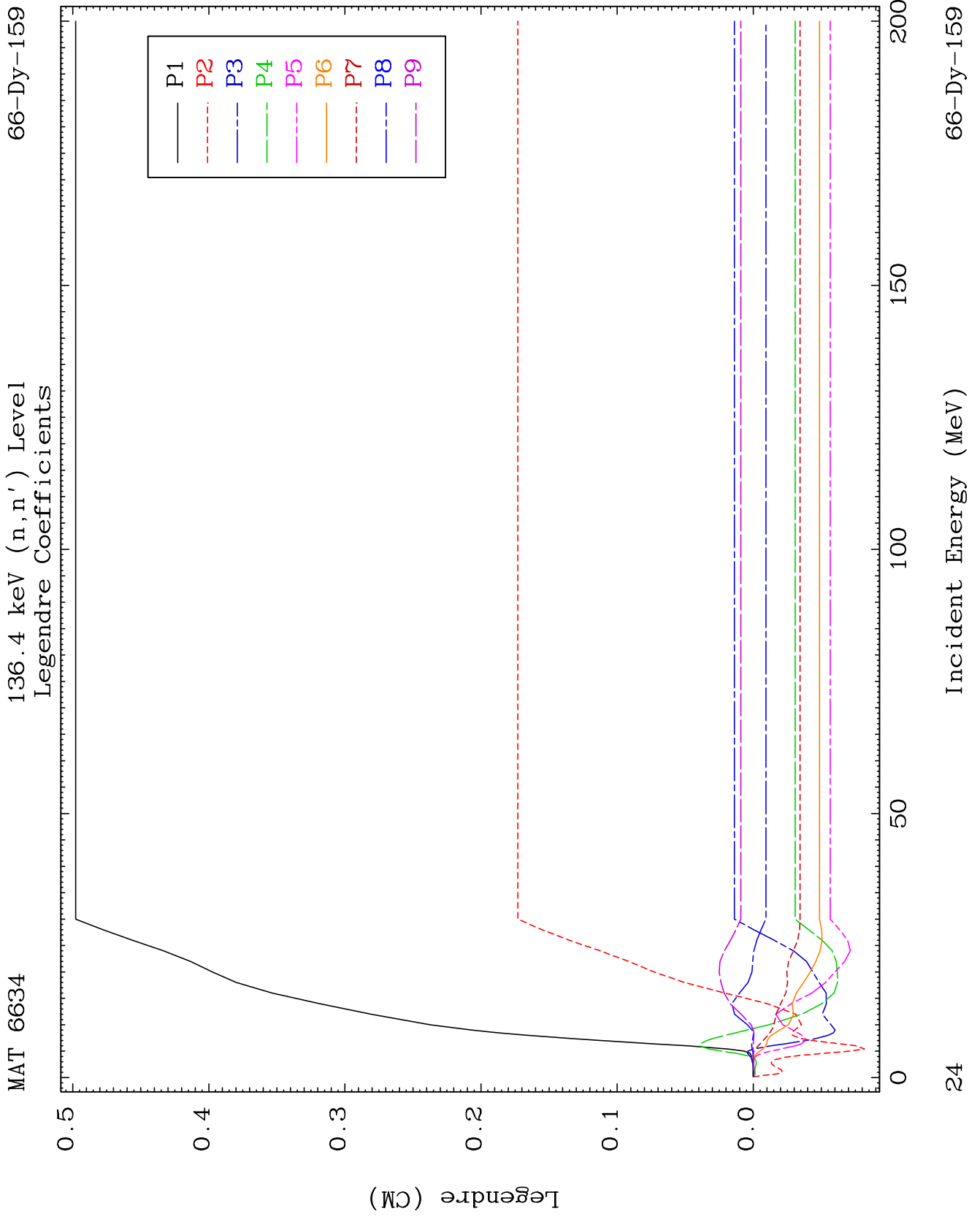
22

Incident Energy (MeV)

66-Dy-159



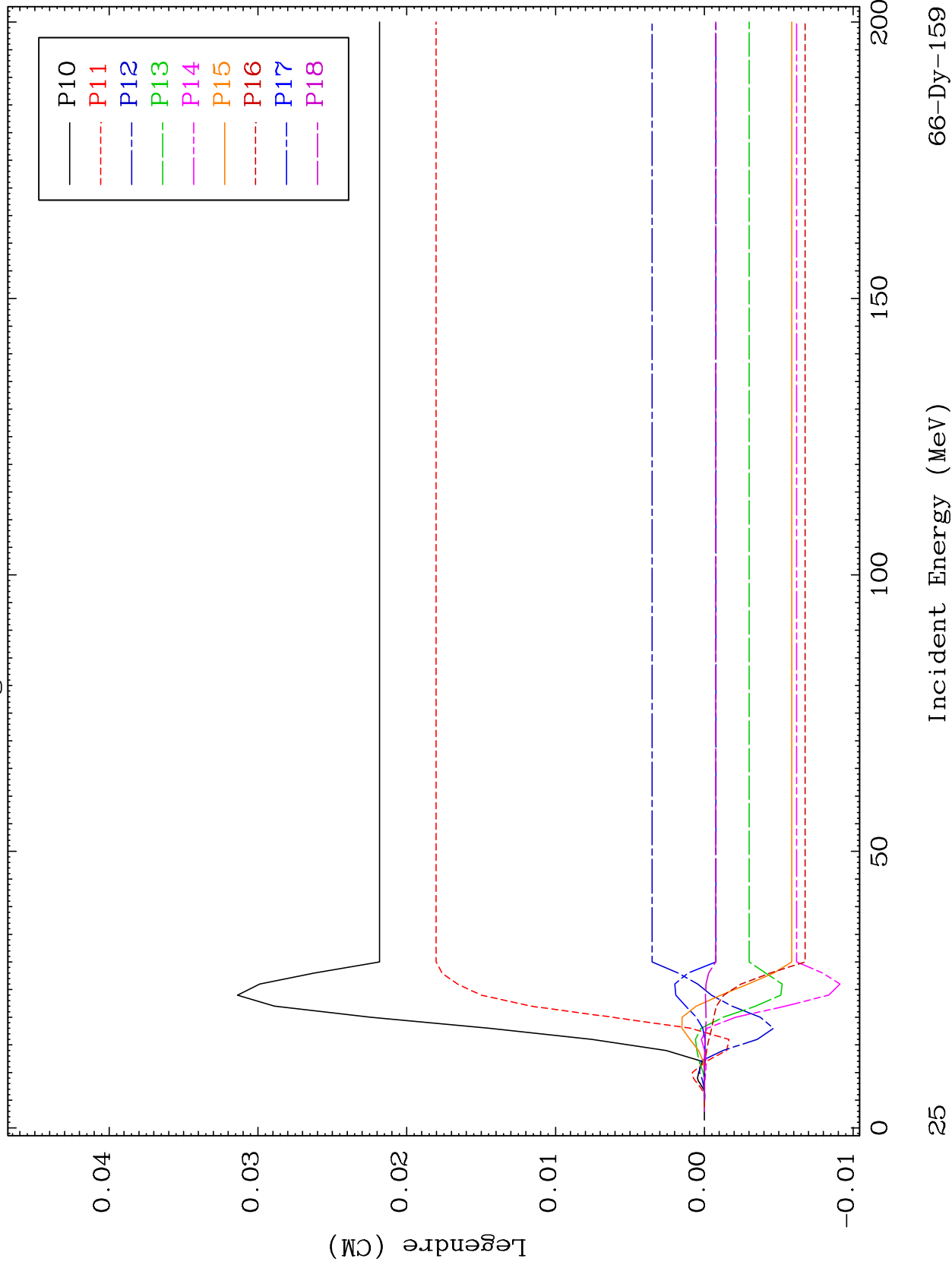




MAT 6634

136.4 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



66-Dy-159

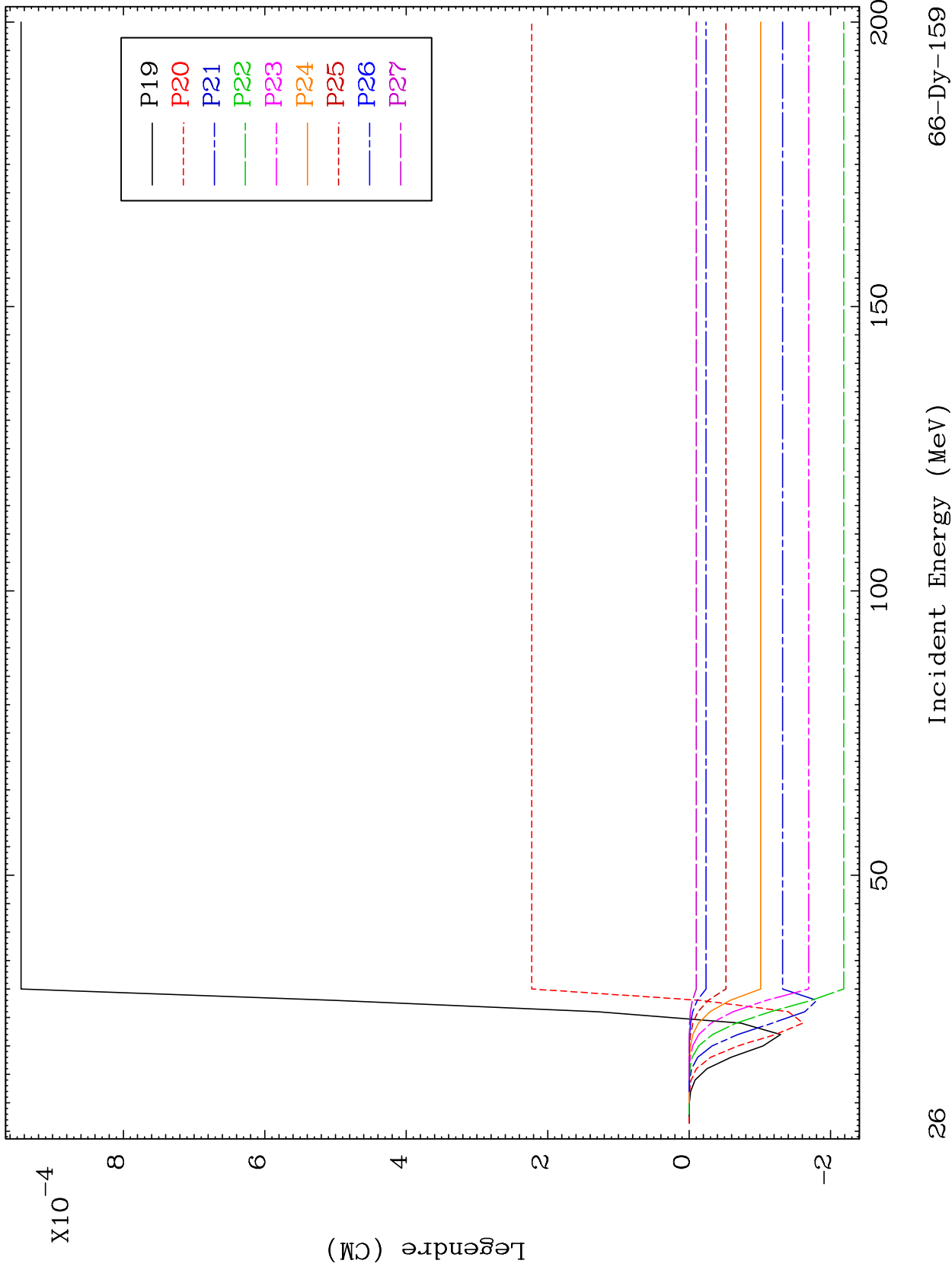
Incident Energy (MeV)

25

MAT 6634

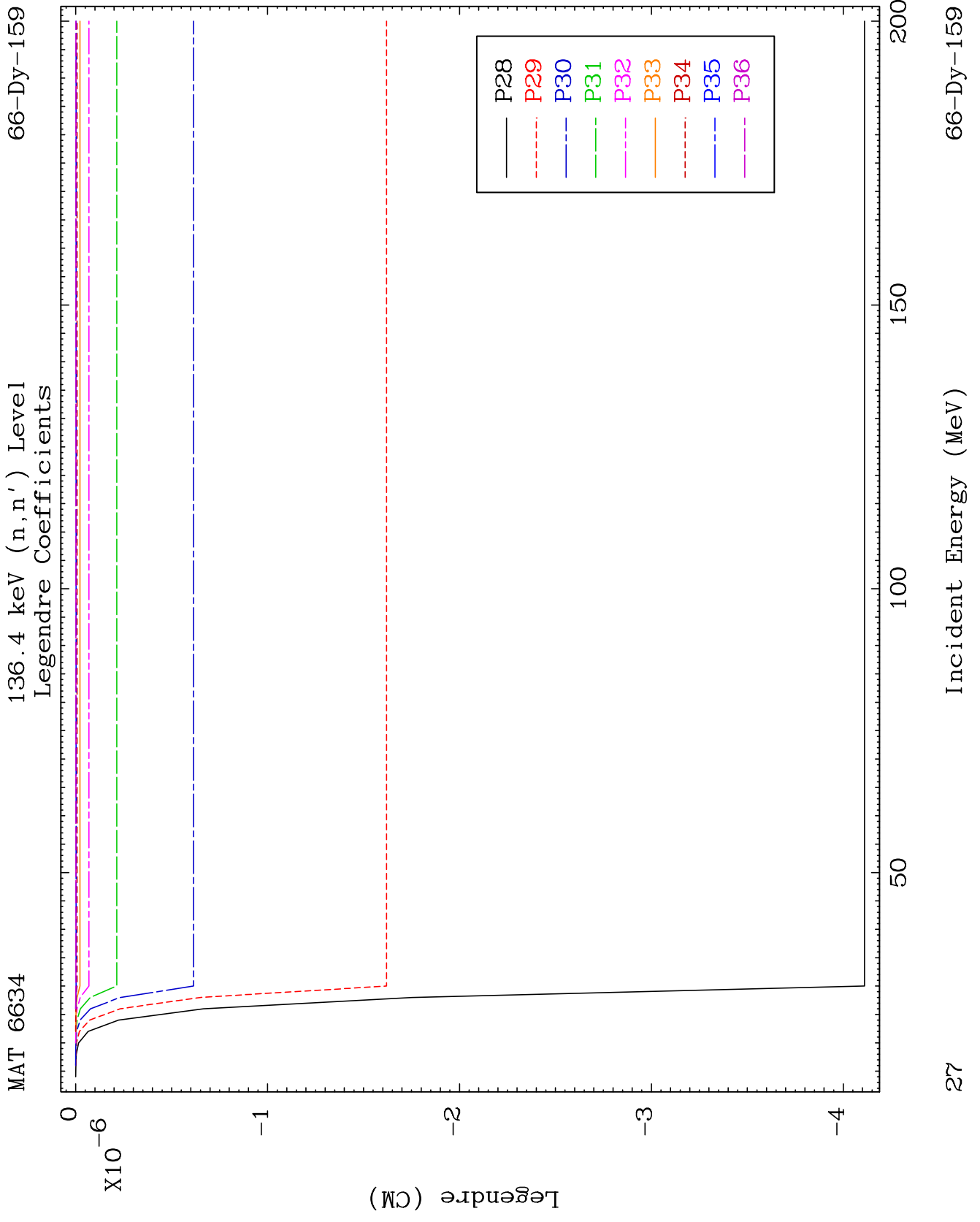
136.4 keV (n,n') Level  
Legendre Coefficients

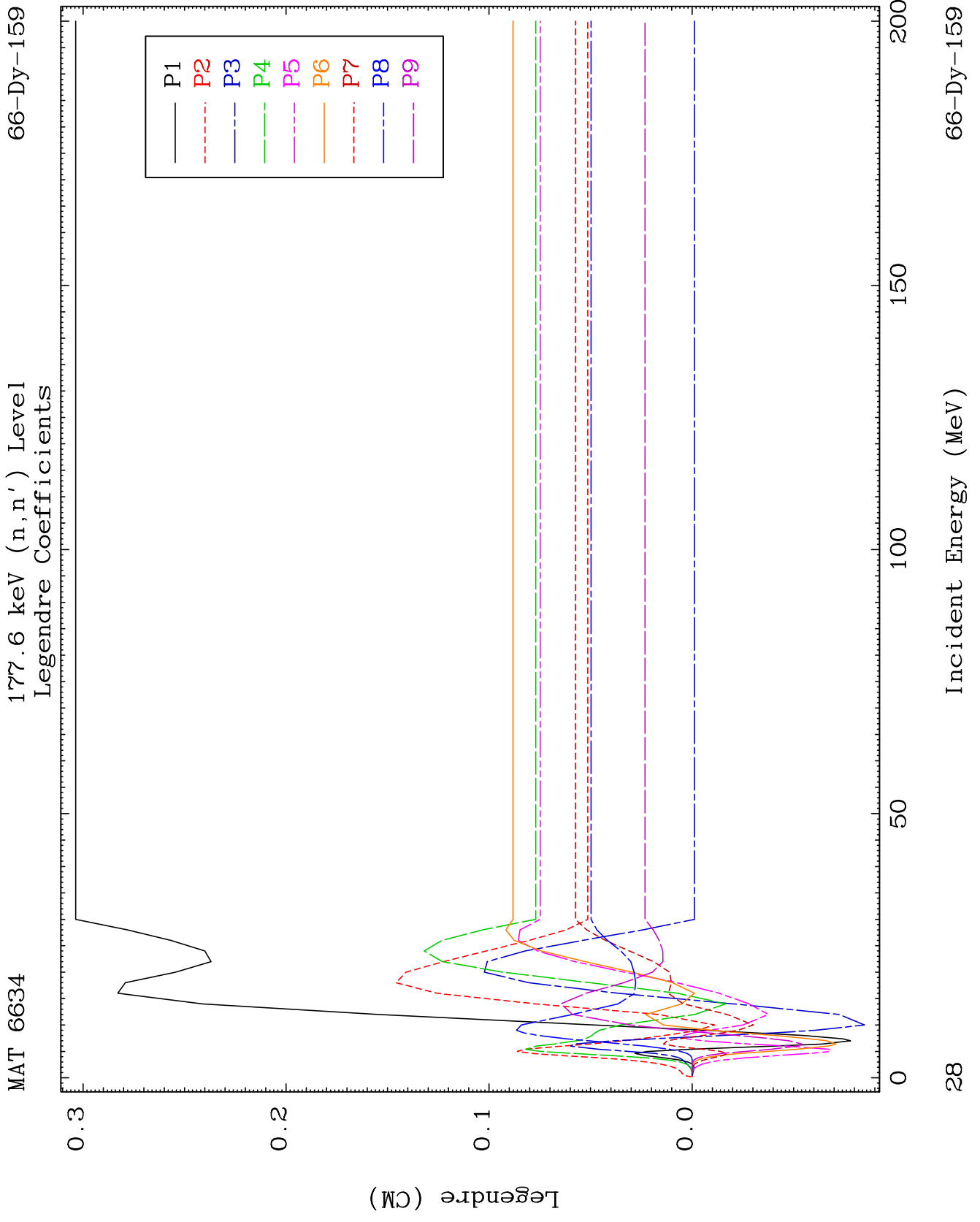
66-Dy-159



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66-Dy-159

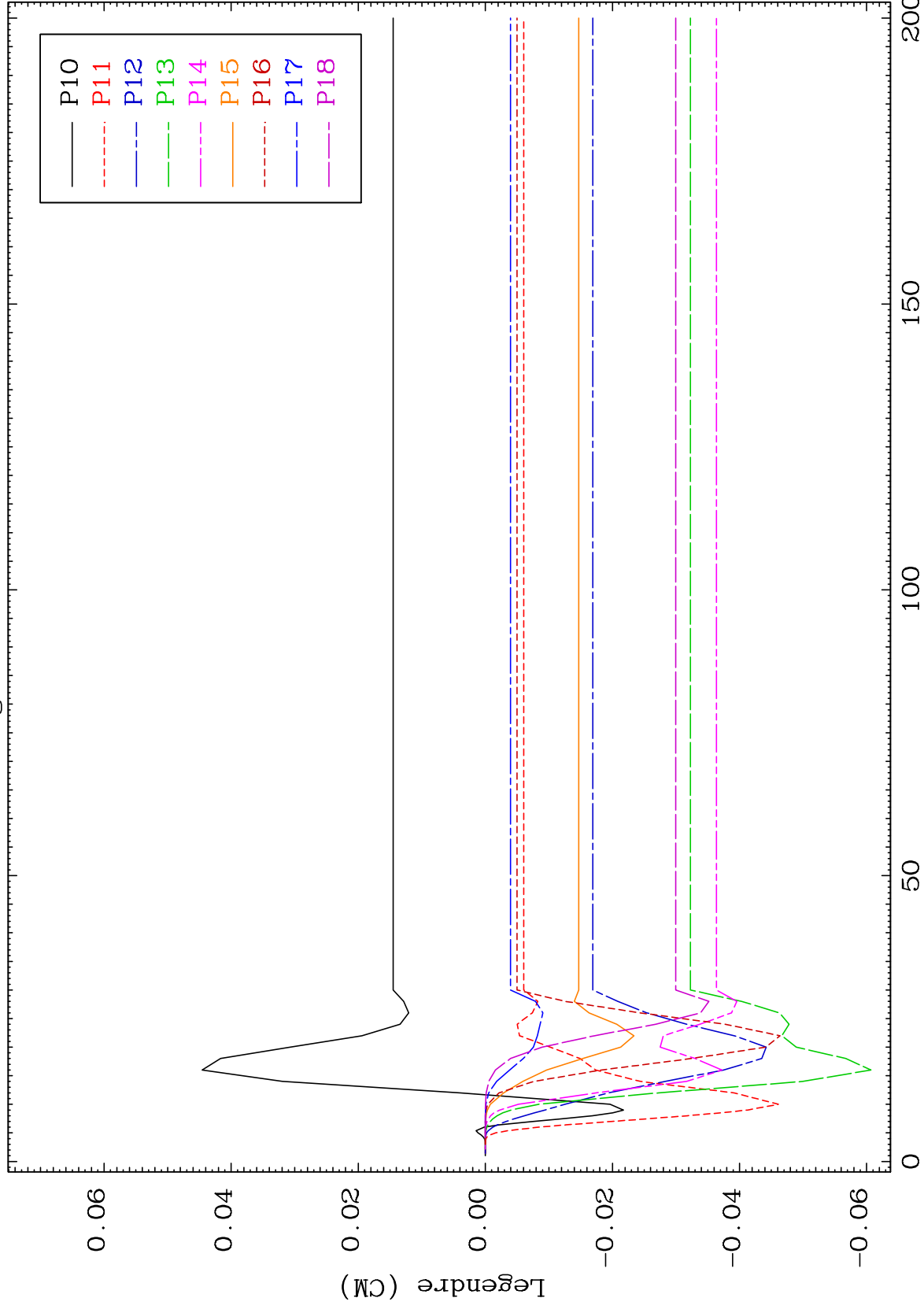




MAT 6634

177.6 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



29

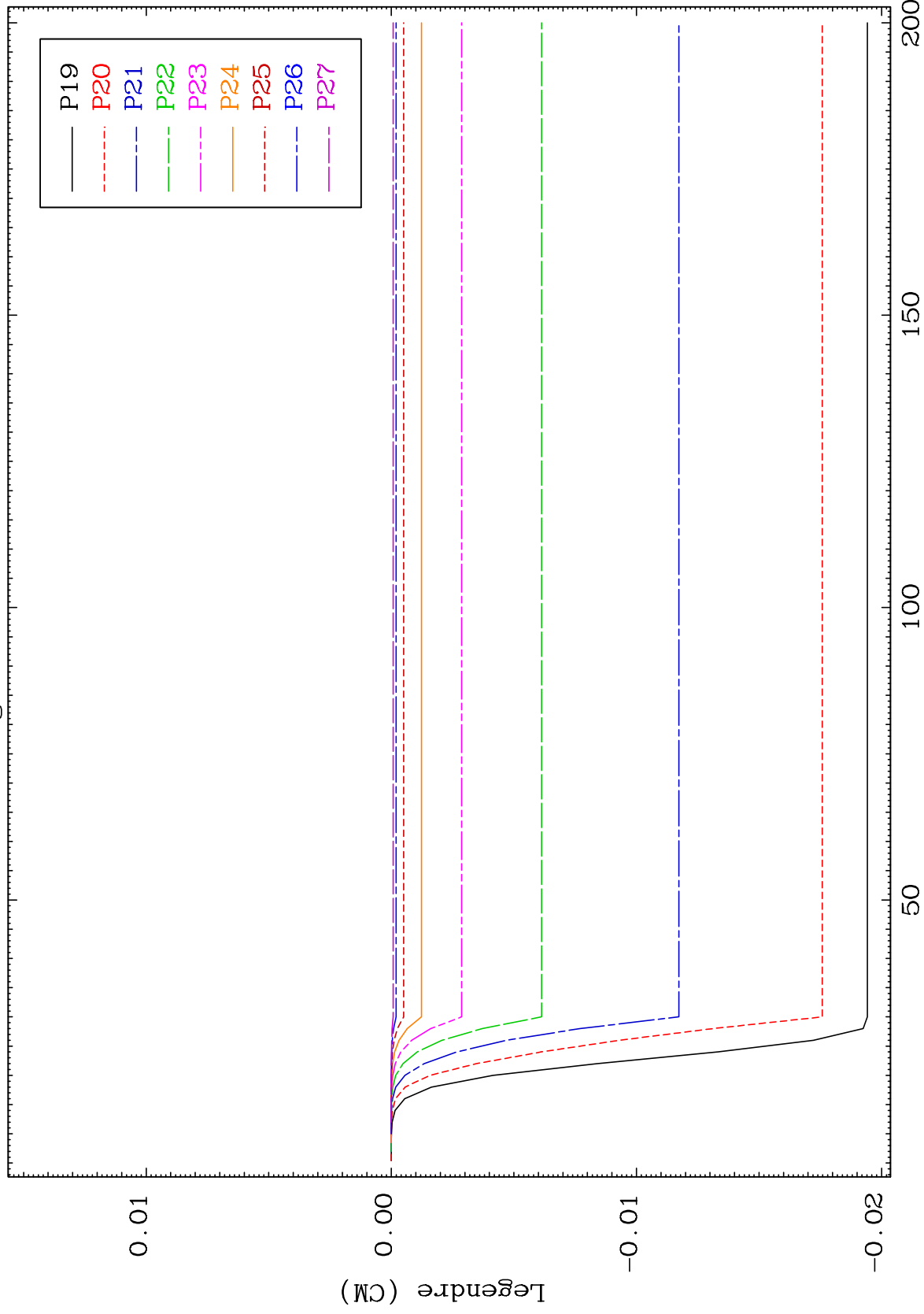
Incident Energy (MeV)

66-Dy-159

MAT 6634

177.6 keV (n,n') Level  
Legendre Coefficients

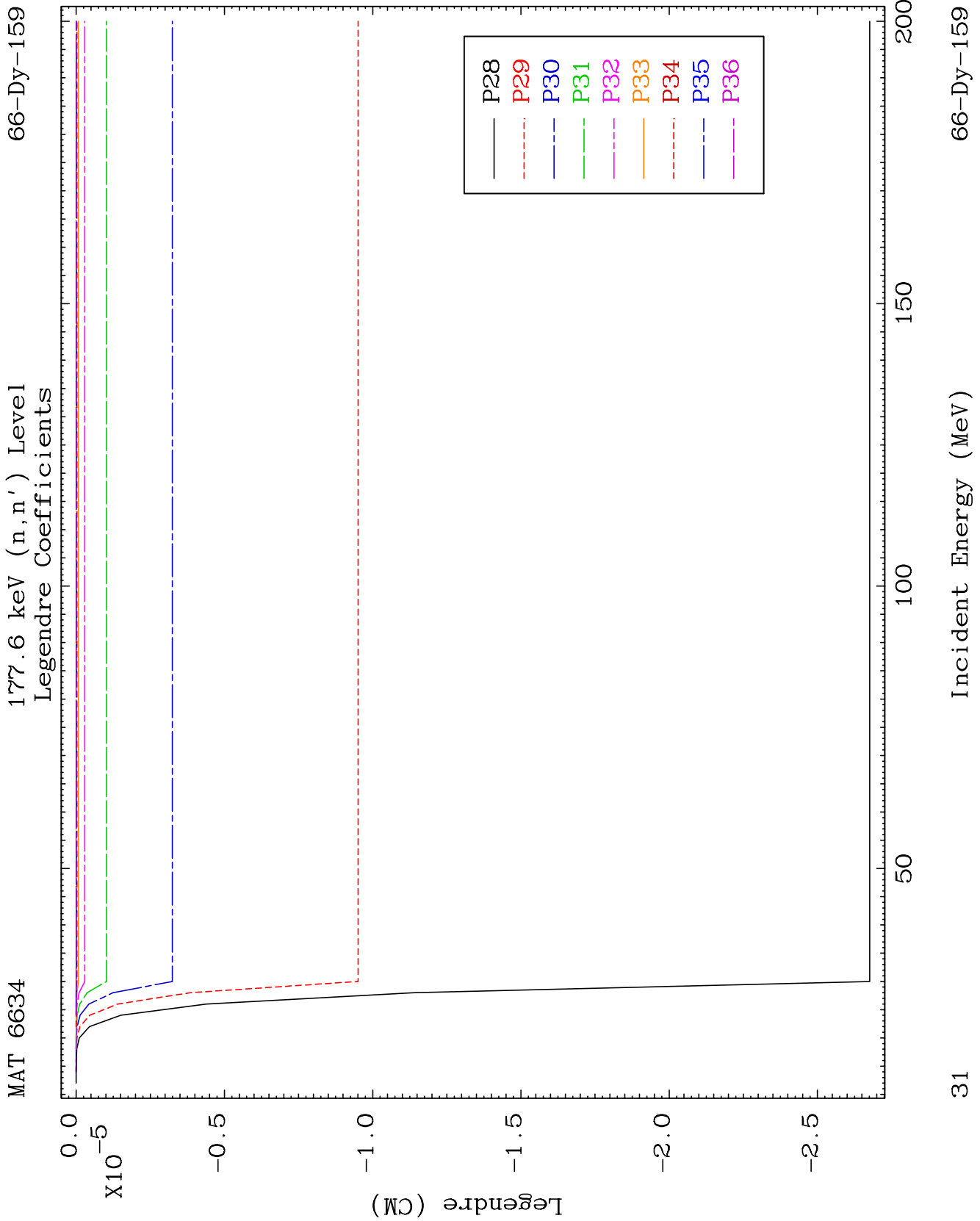
66-Dy-159



30

Incident Energy (MeV)

66-Dy-159



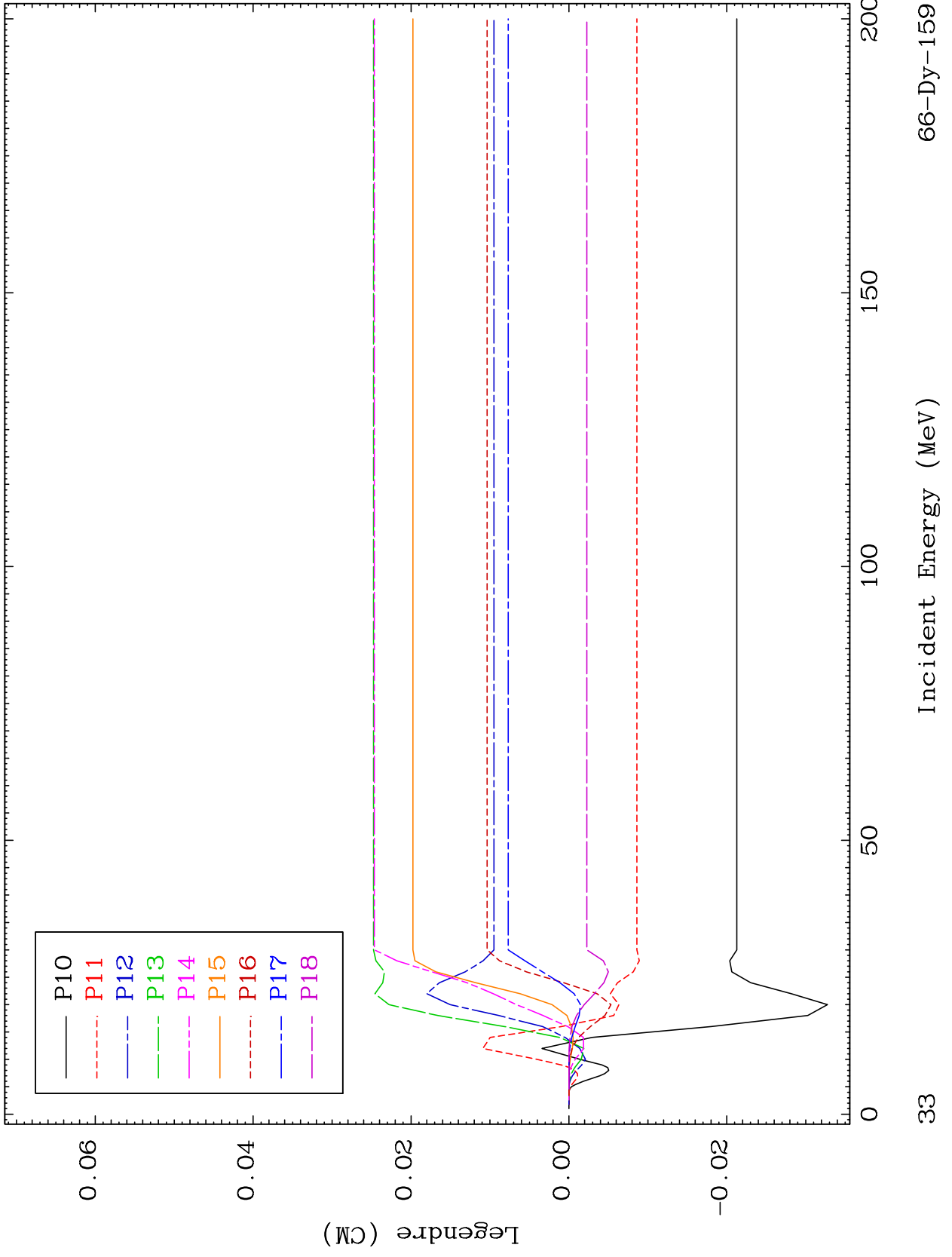




MAT 6634

209.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



33

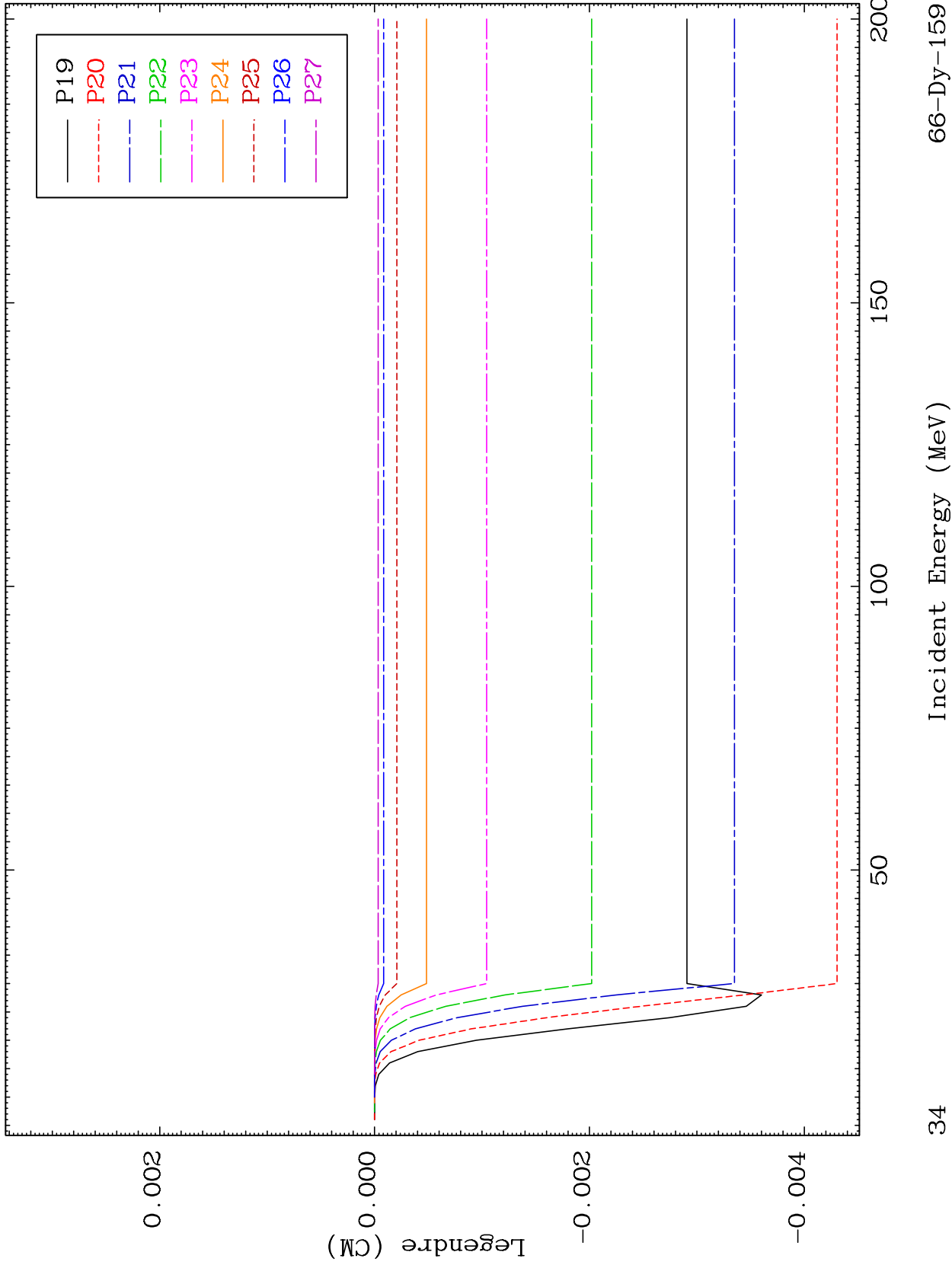
Incident Energy (MeV)

66-Dy-159

MAT 6634

209.0 keV (n,n') Level  
Legendre Coefficients

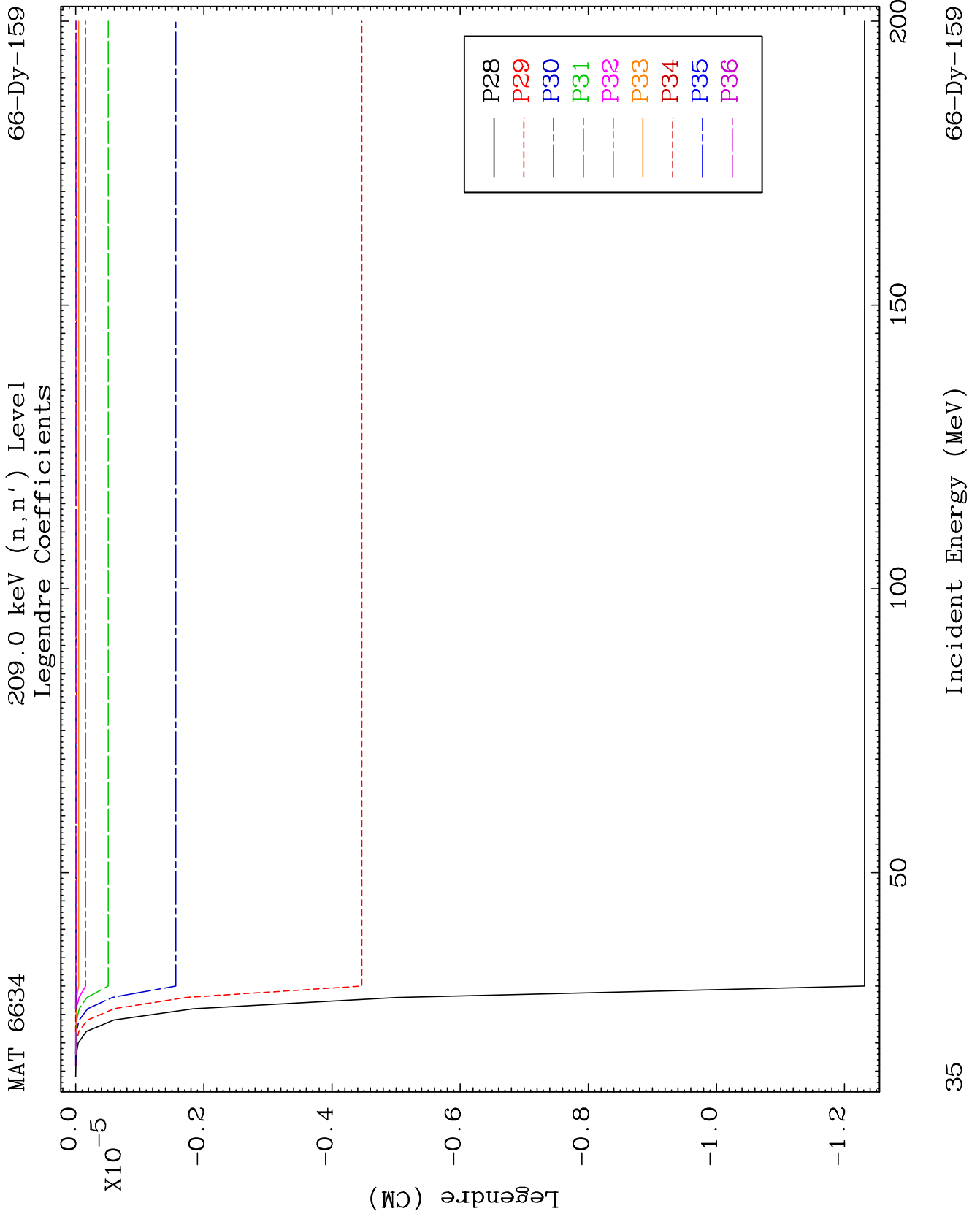
66-Dy-159



34

Incident Energy (MeV)

66-Dy-159

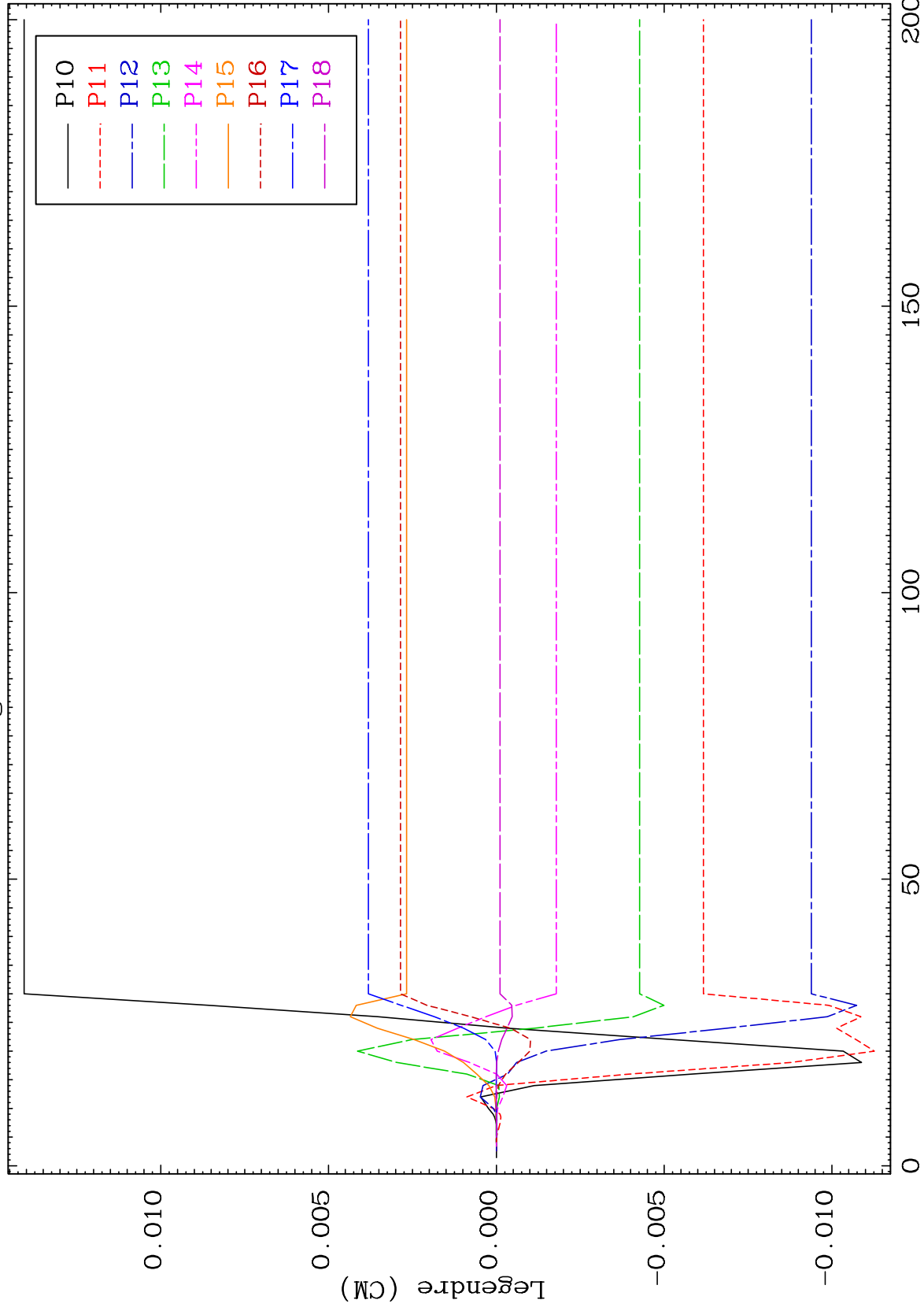




MAT 6634

235.9 keV (n,n') Level  
Legendre Coefficients

66-Dy-159

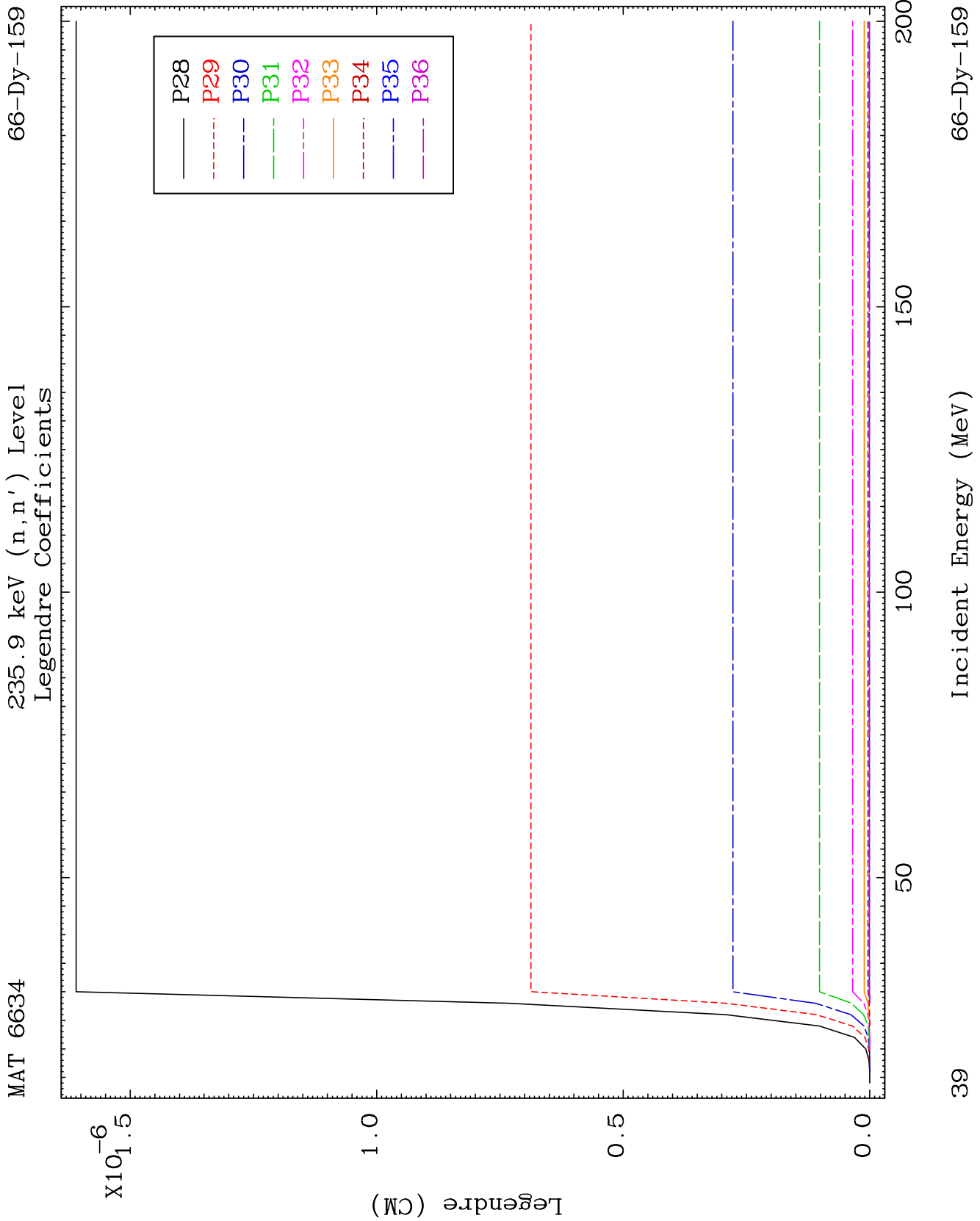


37

Incident Energy (MeV)

66-Dy-159





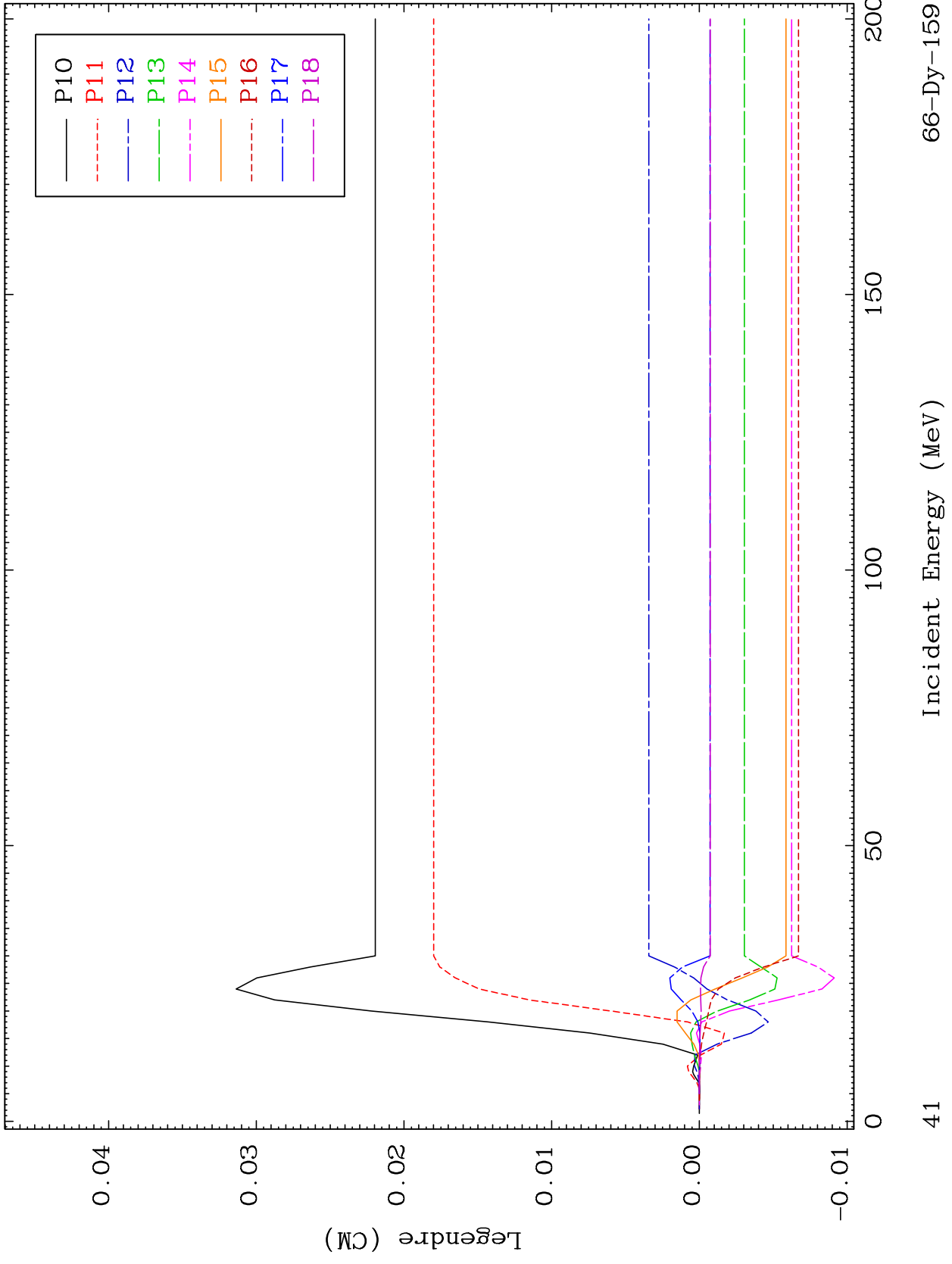




MAT 6634

239.4 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



41

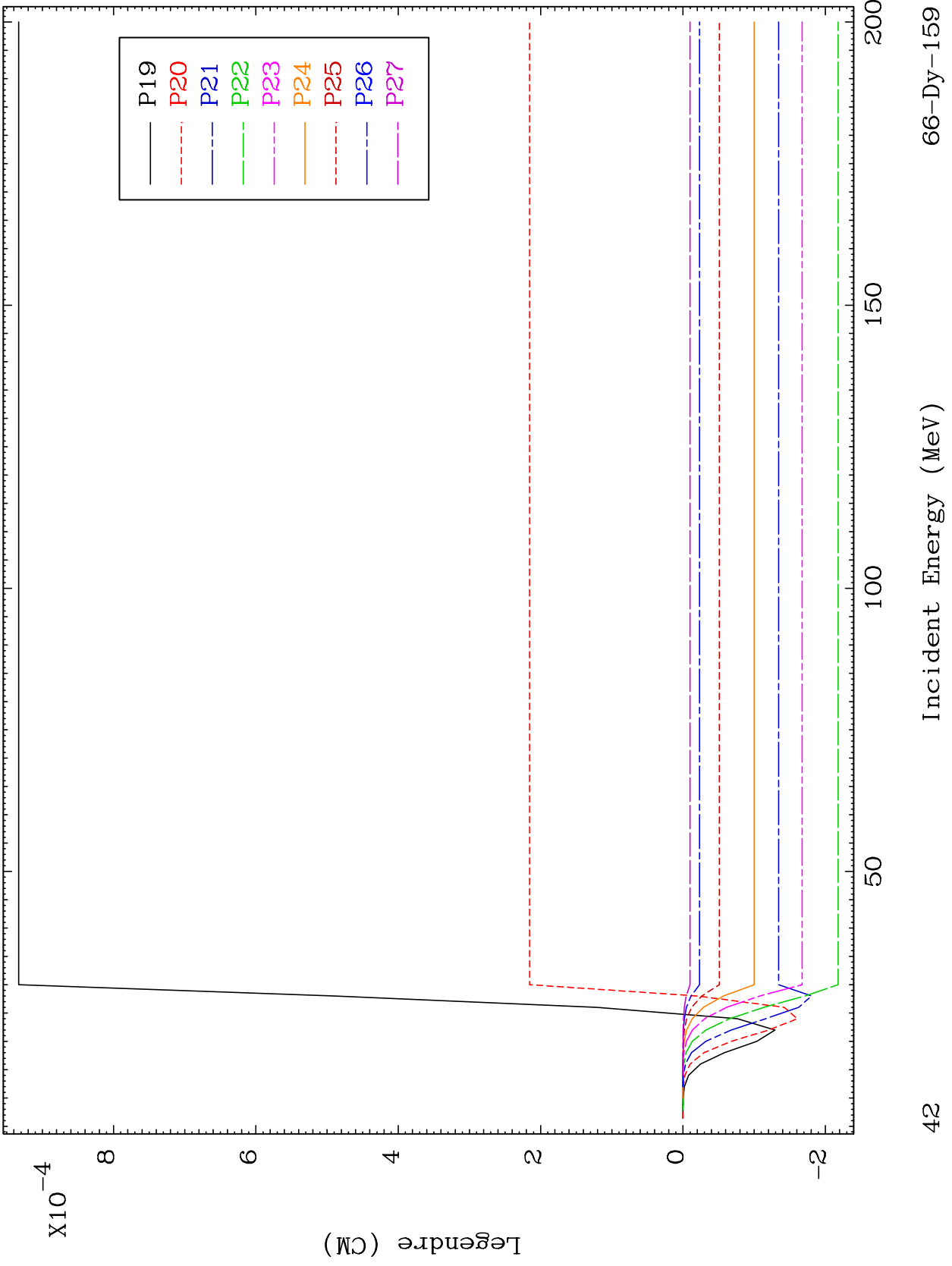
Incident Energy (MeV)

66-Dy-159

MAT 6634

239.4 keV (n,n') Level  
Legendre Coefficients

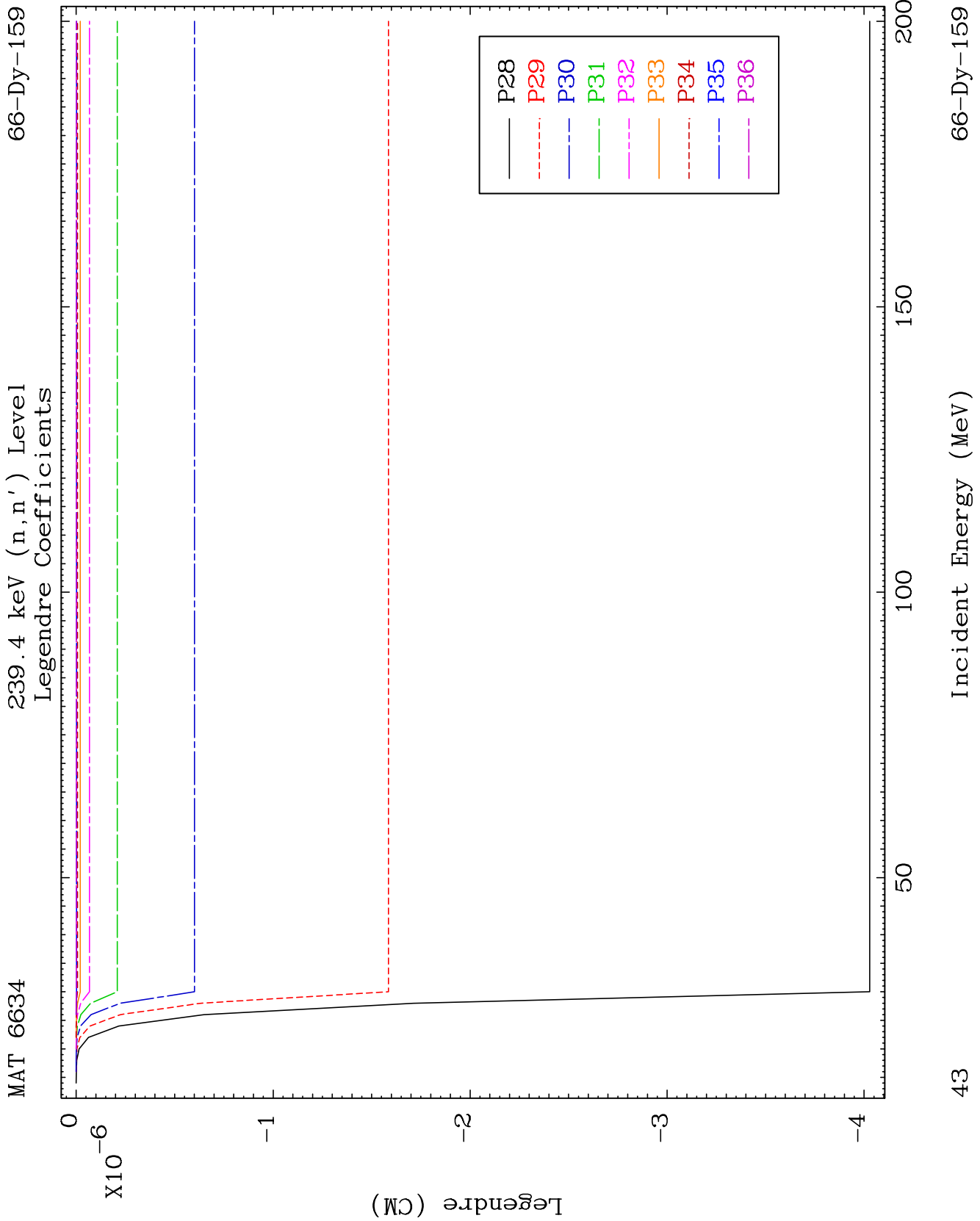
66-Dy-159



42

Incident Energy (MeV)

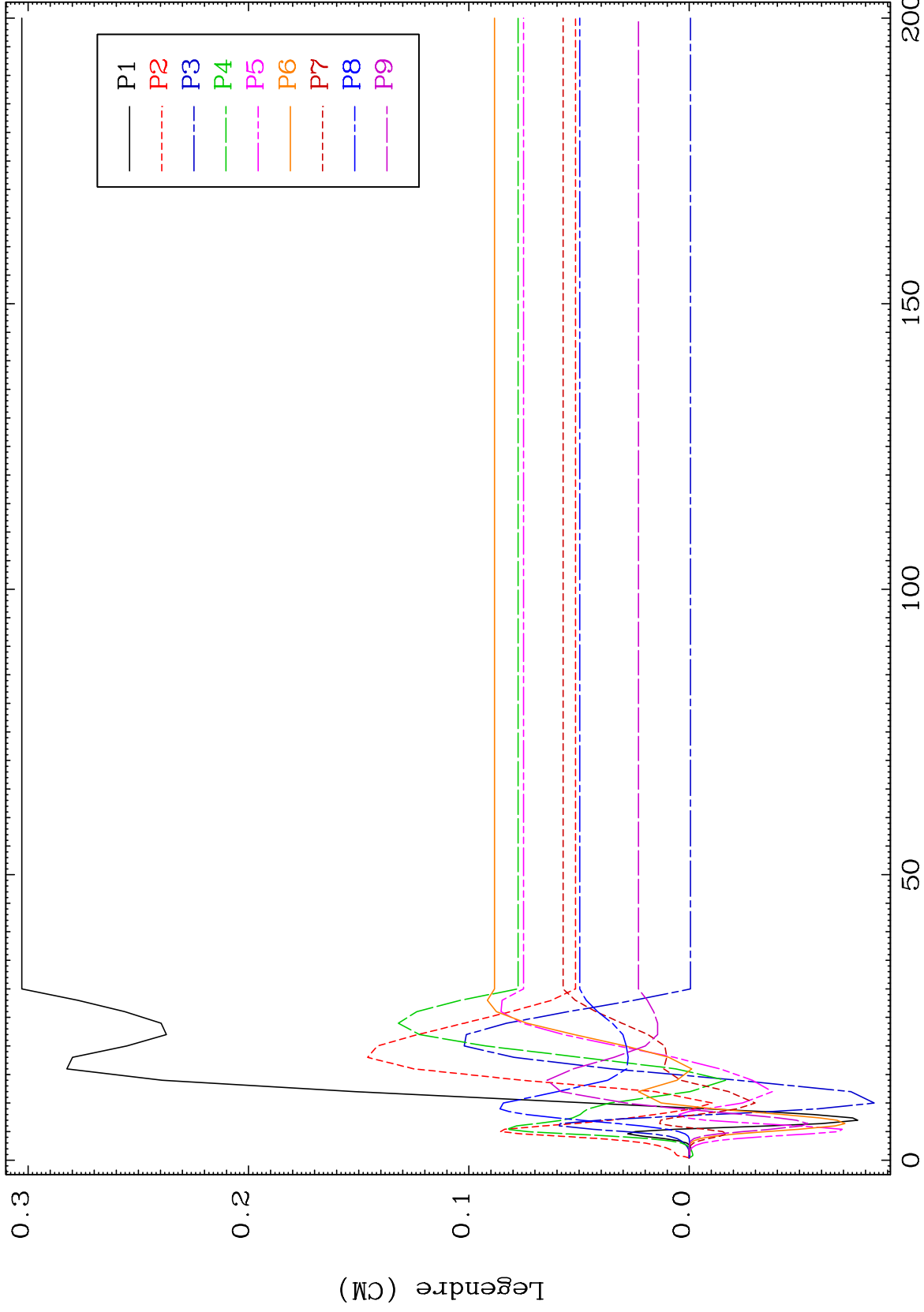
66-Dy-159



MAT 6634

309.6 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



44

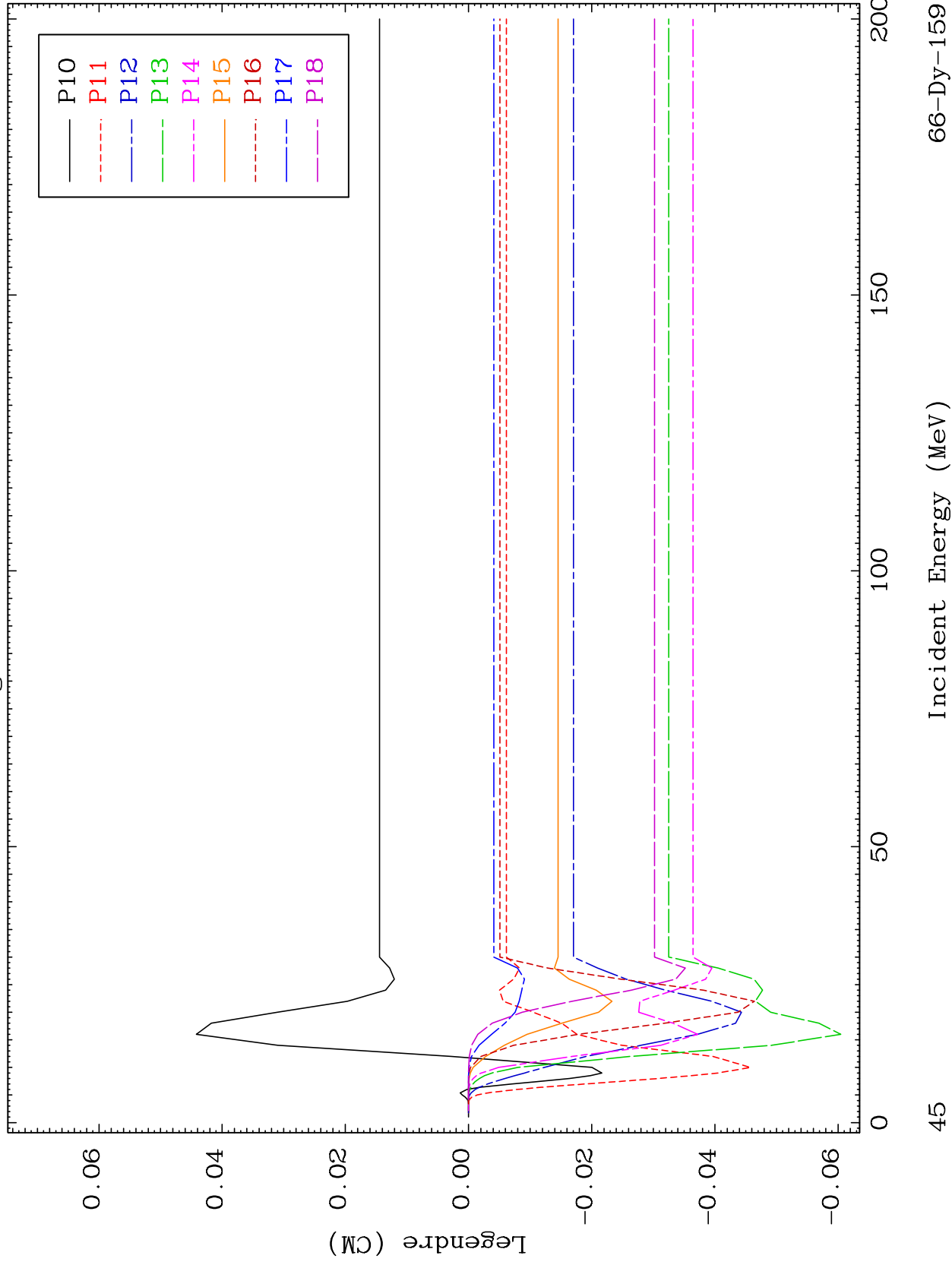
Incident Energy (MeV)

66-Dy-159

MAT 6634

309.6 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



45

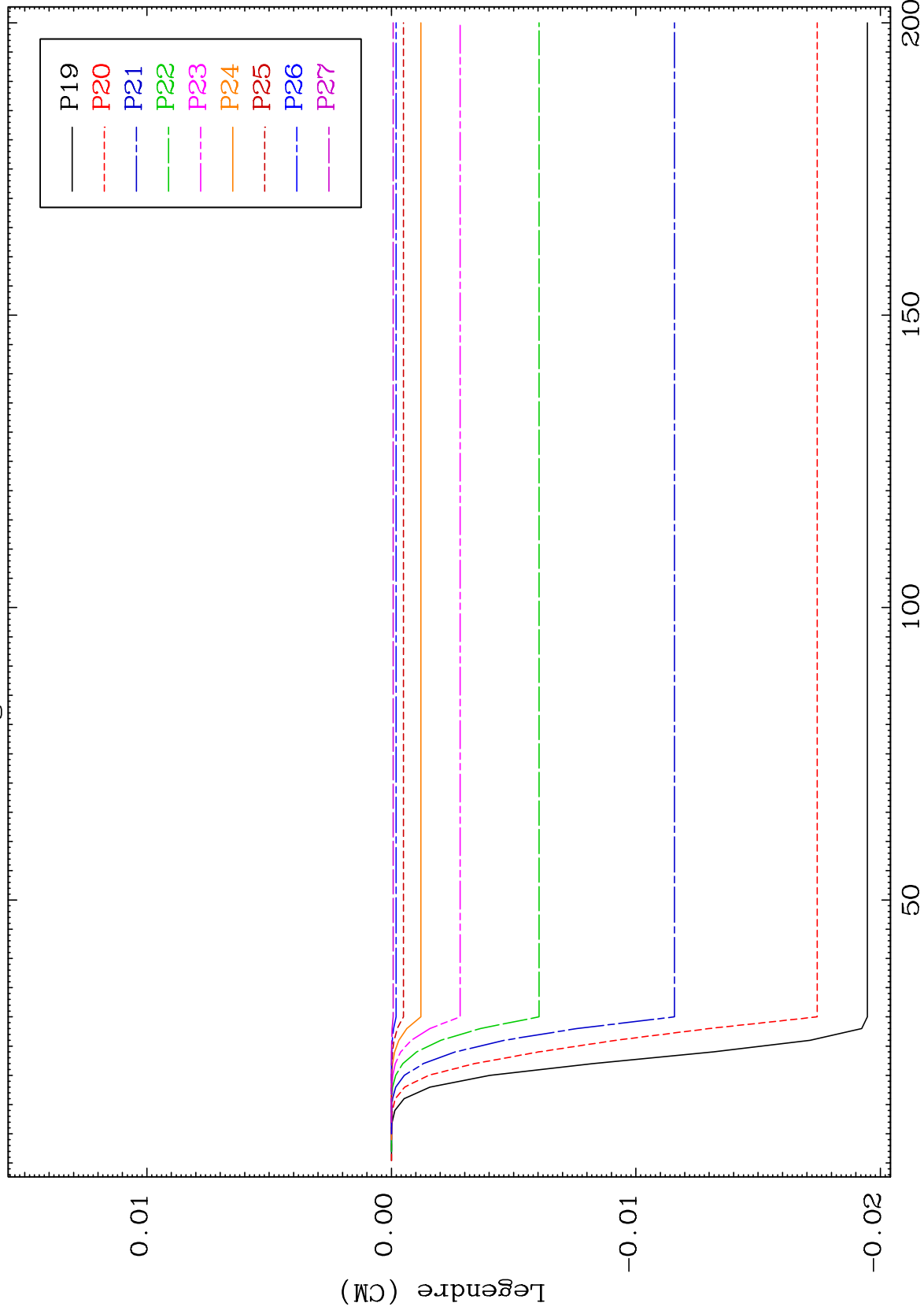
Incident Energy (MeV)

66-Dy-159

MAT 6634

309.6 keV (n,n') Level  
Legendre Coefficients

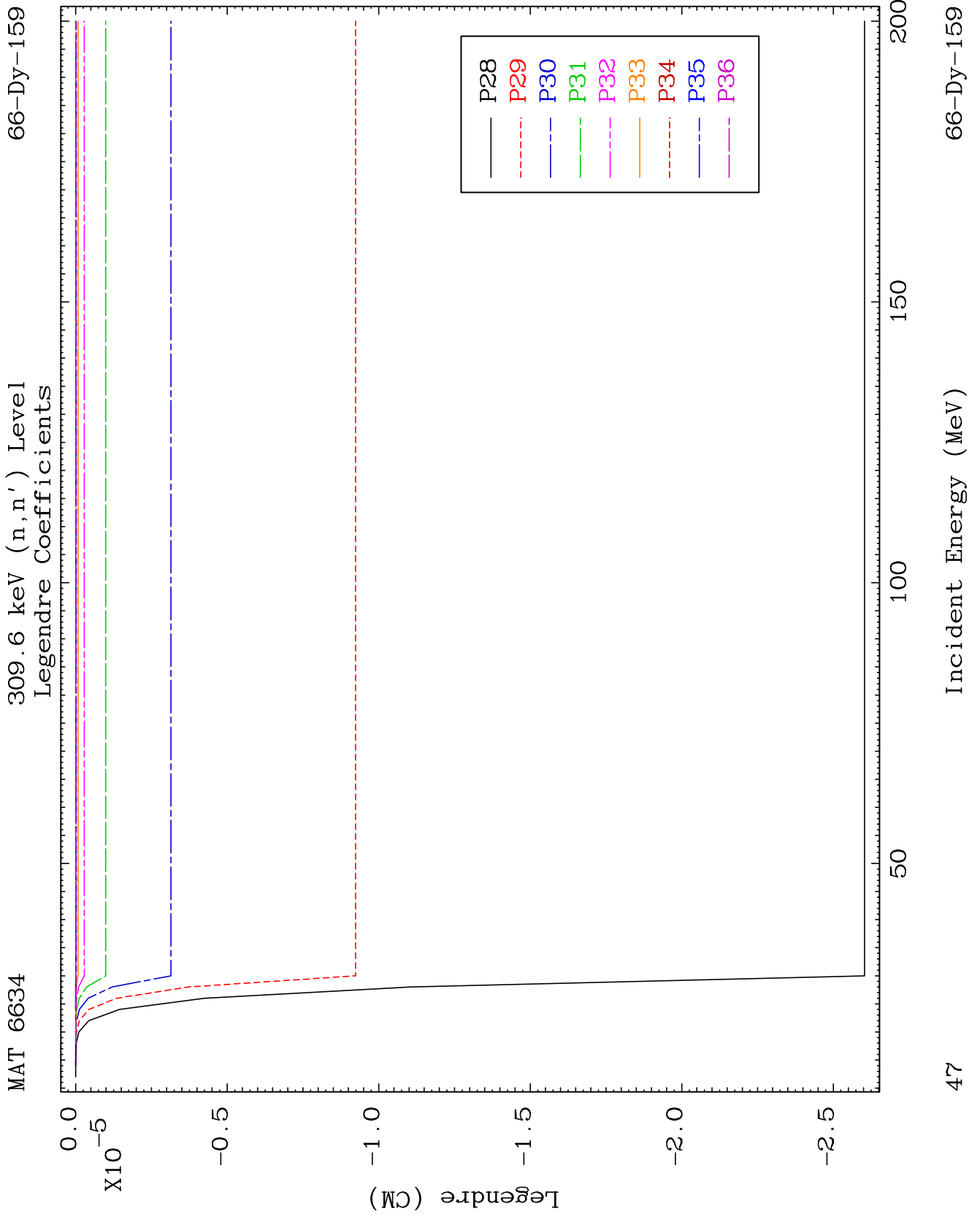
66-Dy-159



46

Incident Energy (MeV)

66-Dy-159



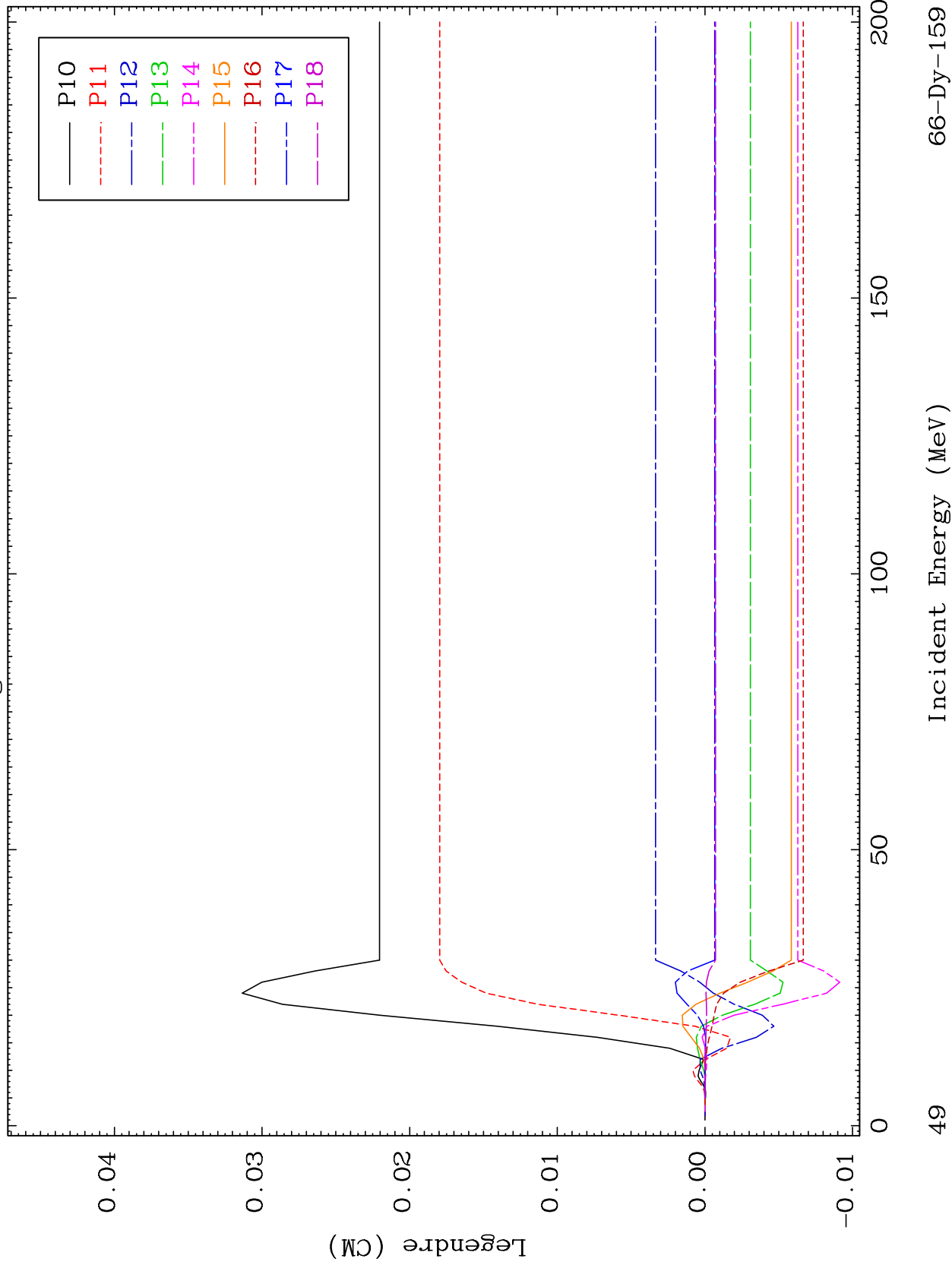




MAT 6634

328.1 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



49

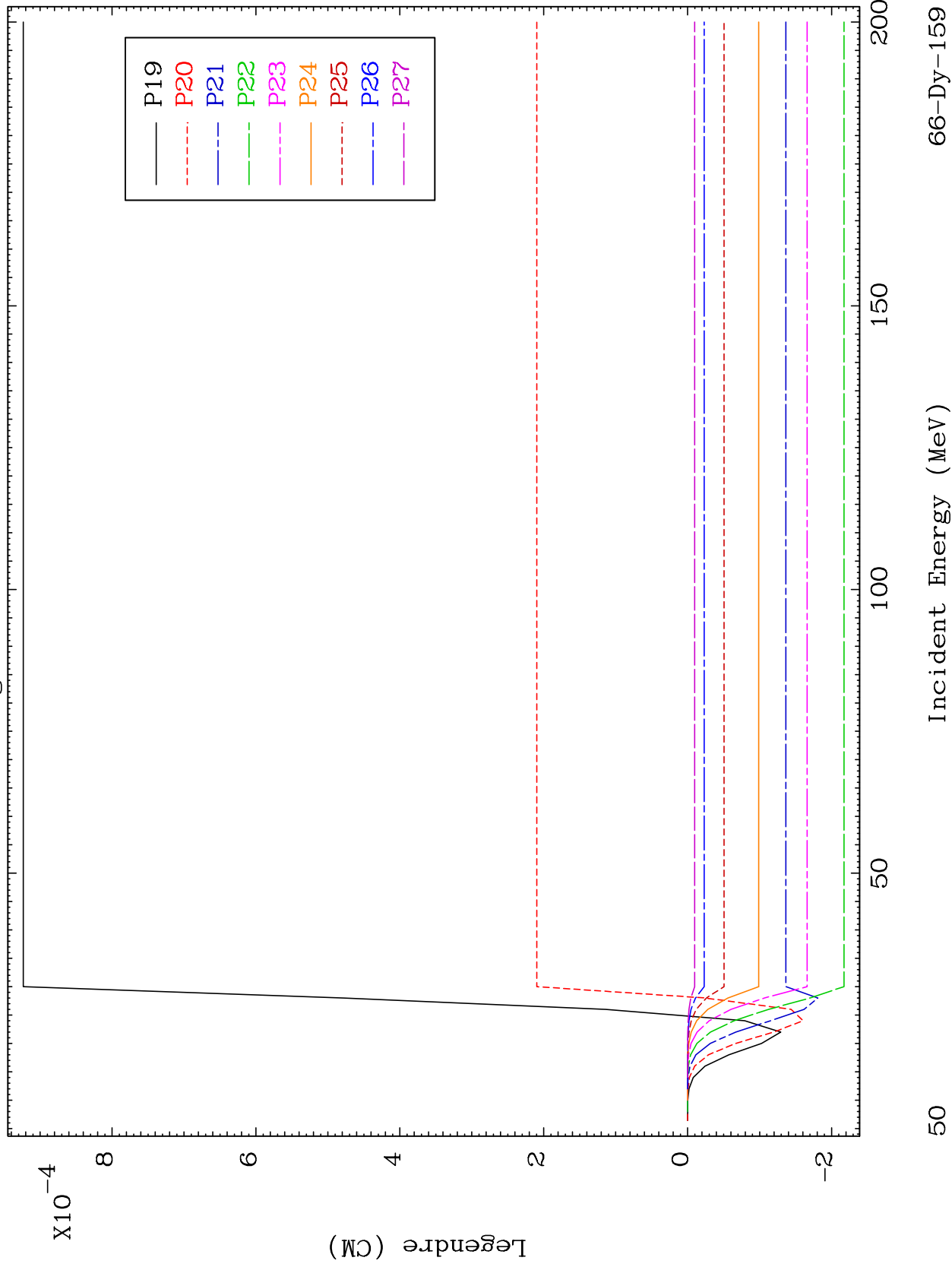
Incident Energy (MeV)

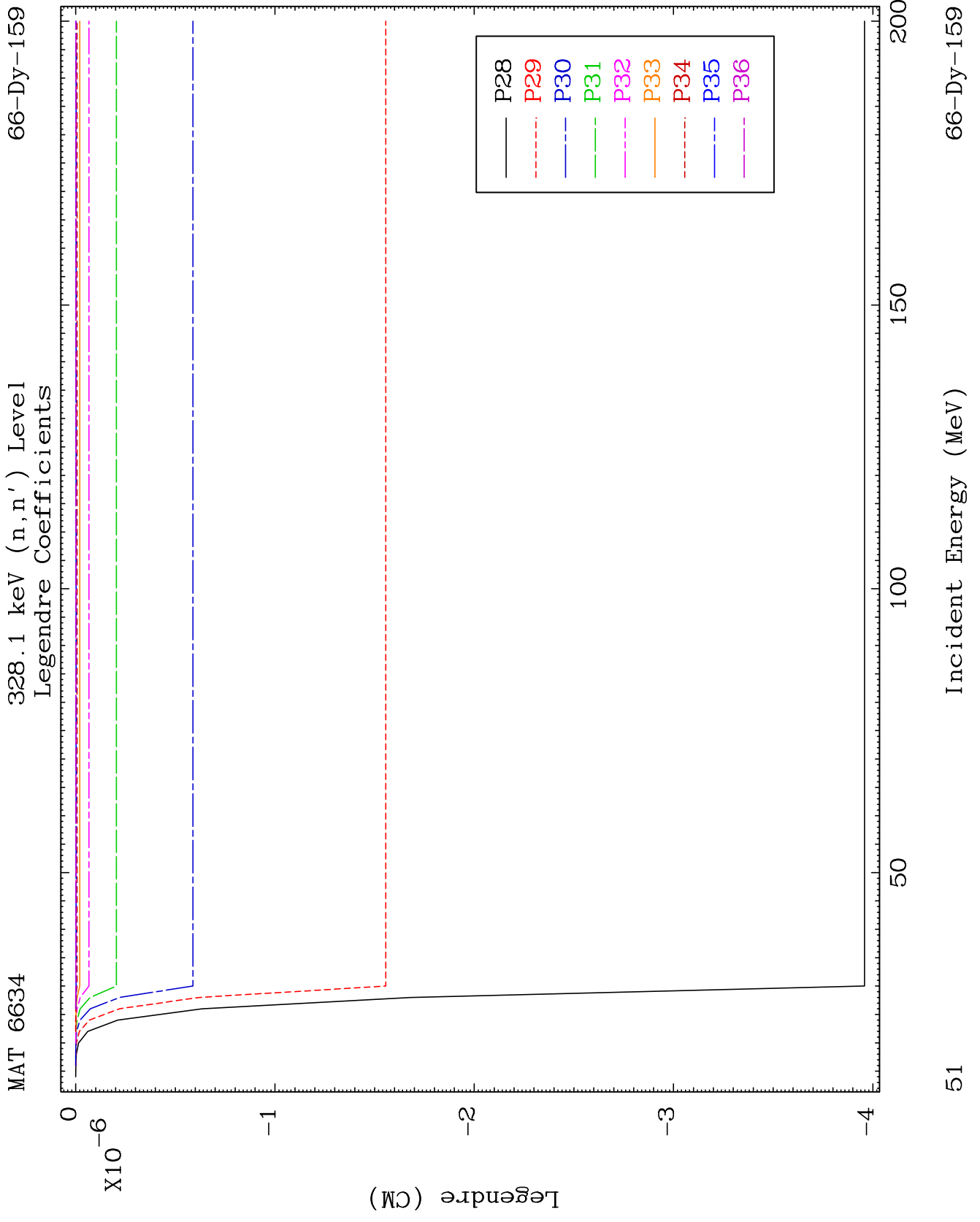
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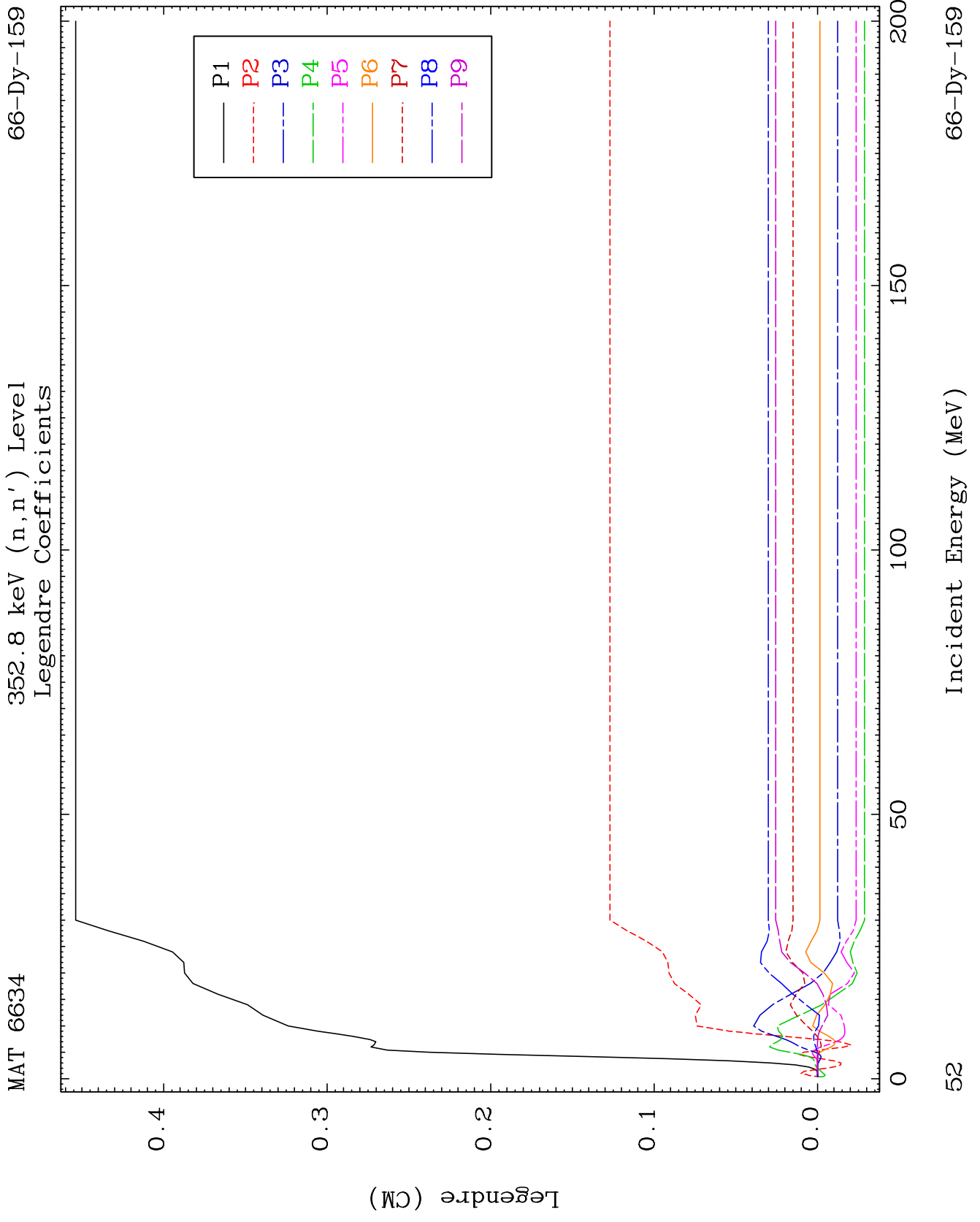
MAT 6634

328.1 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



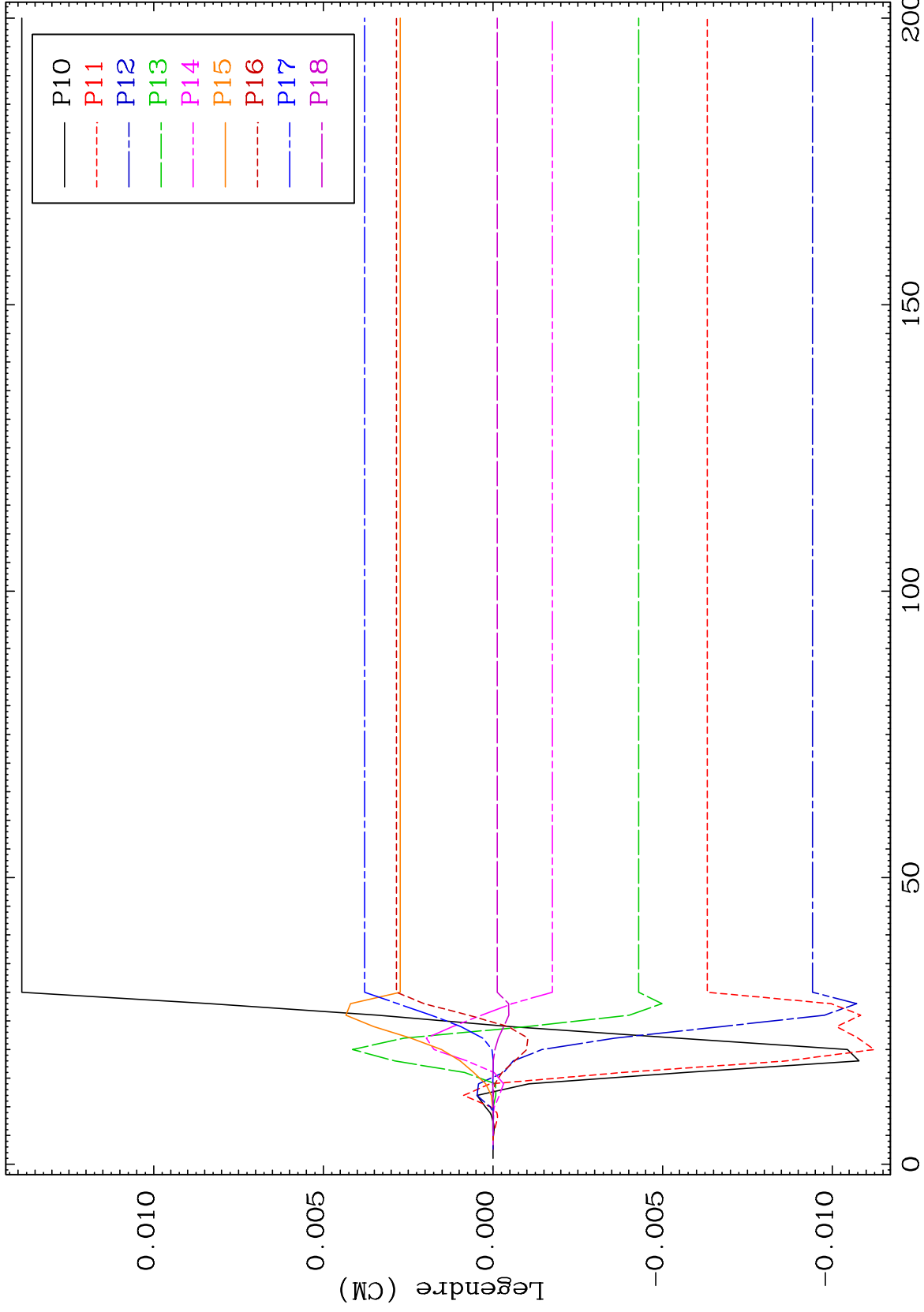




MAT 6634

352.8 keV (n,n') Level  
Legendre Coefficients

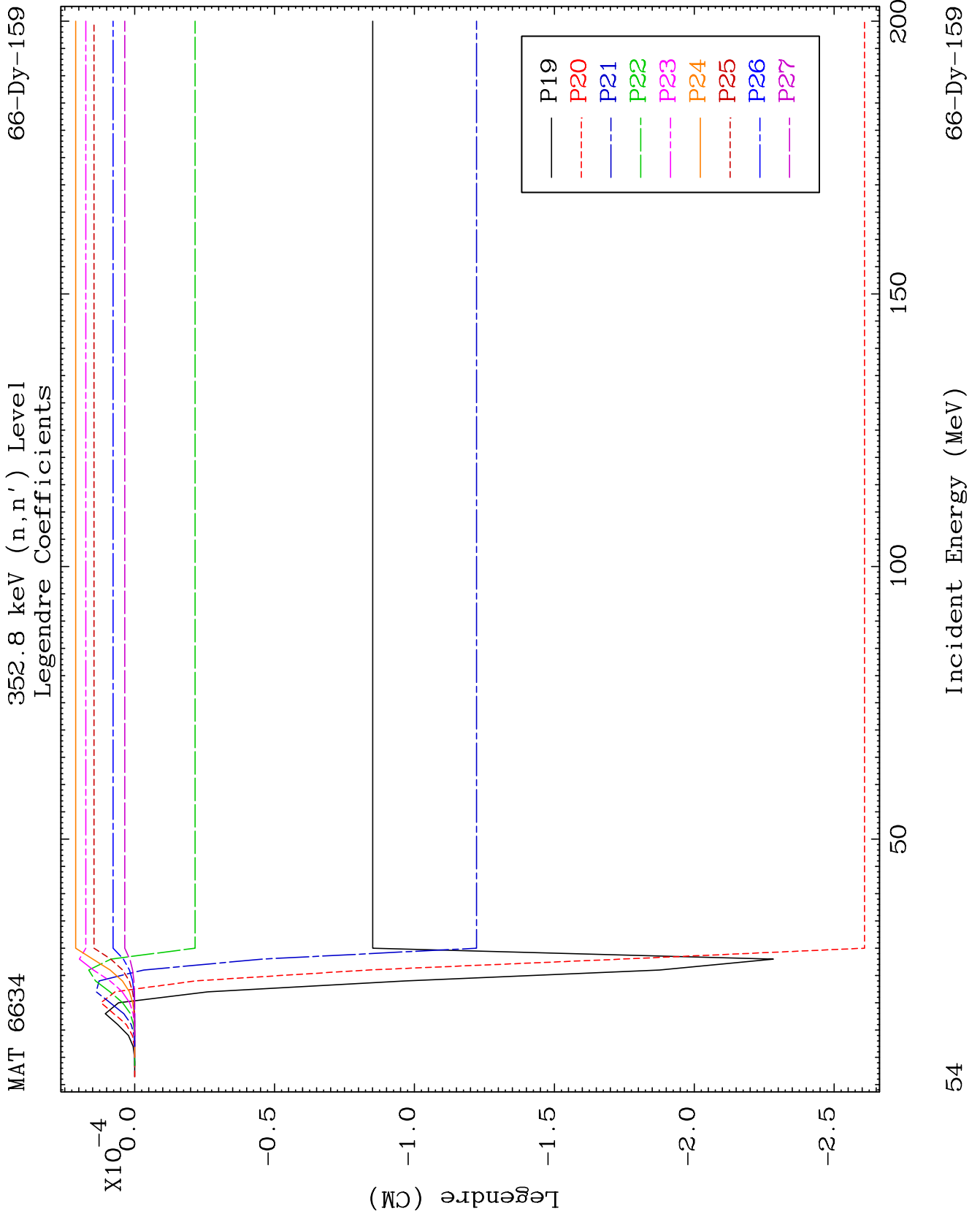
66-Dy-159



53

Incident Energy (MeV)

66-Dy-159



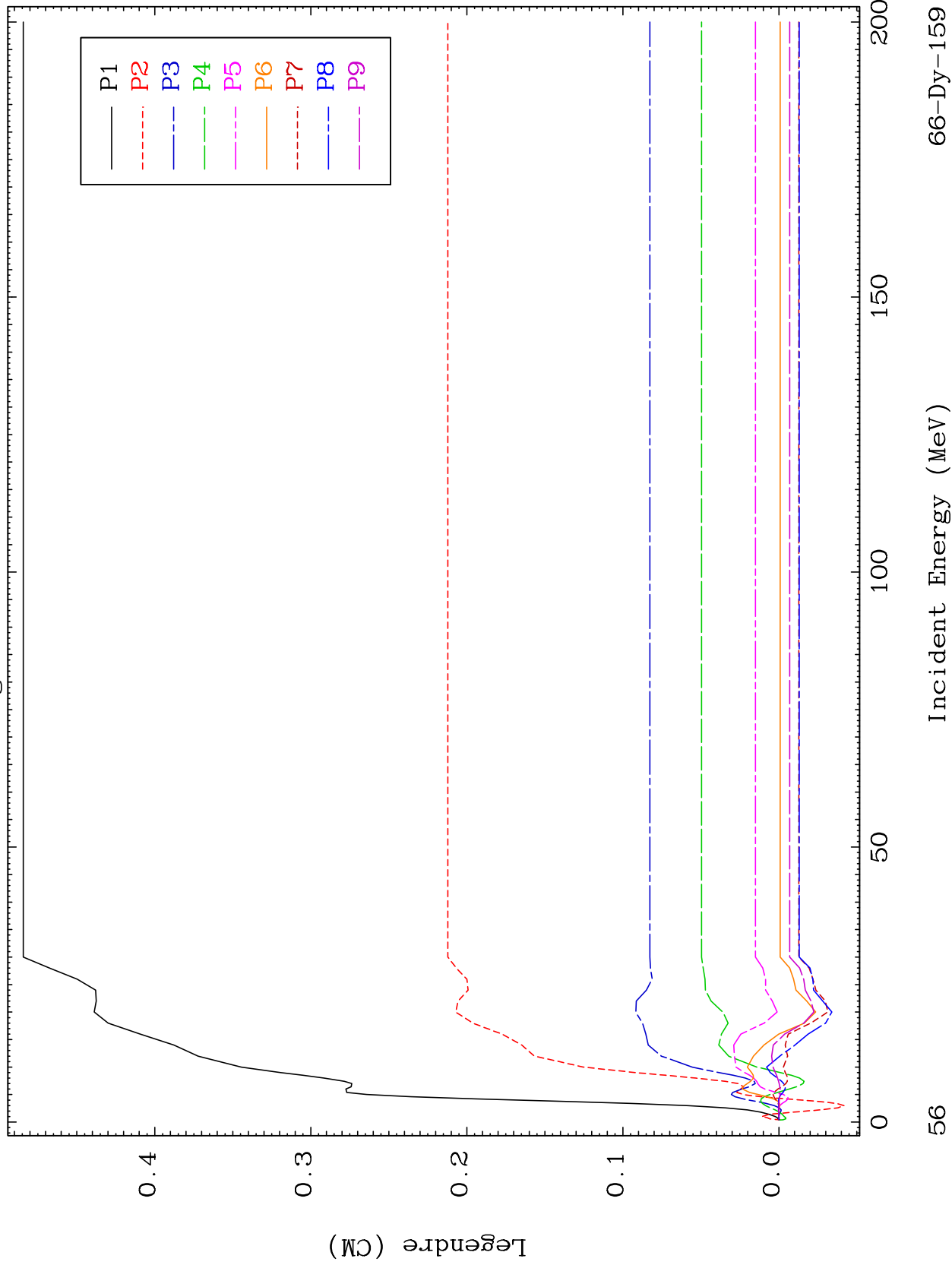




MAT 6634

361.1 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



66-Dy-159

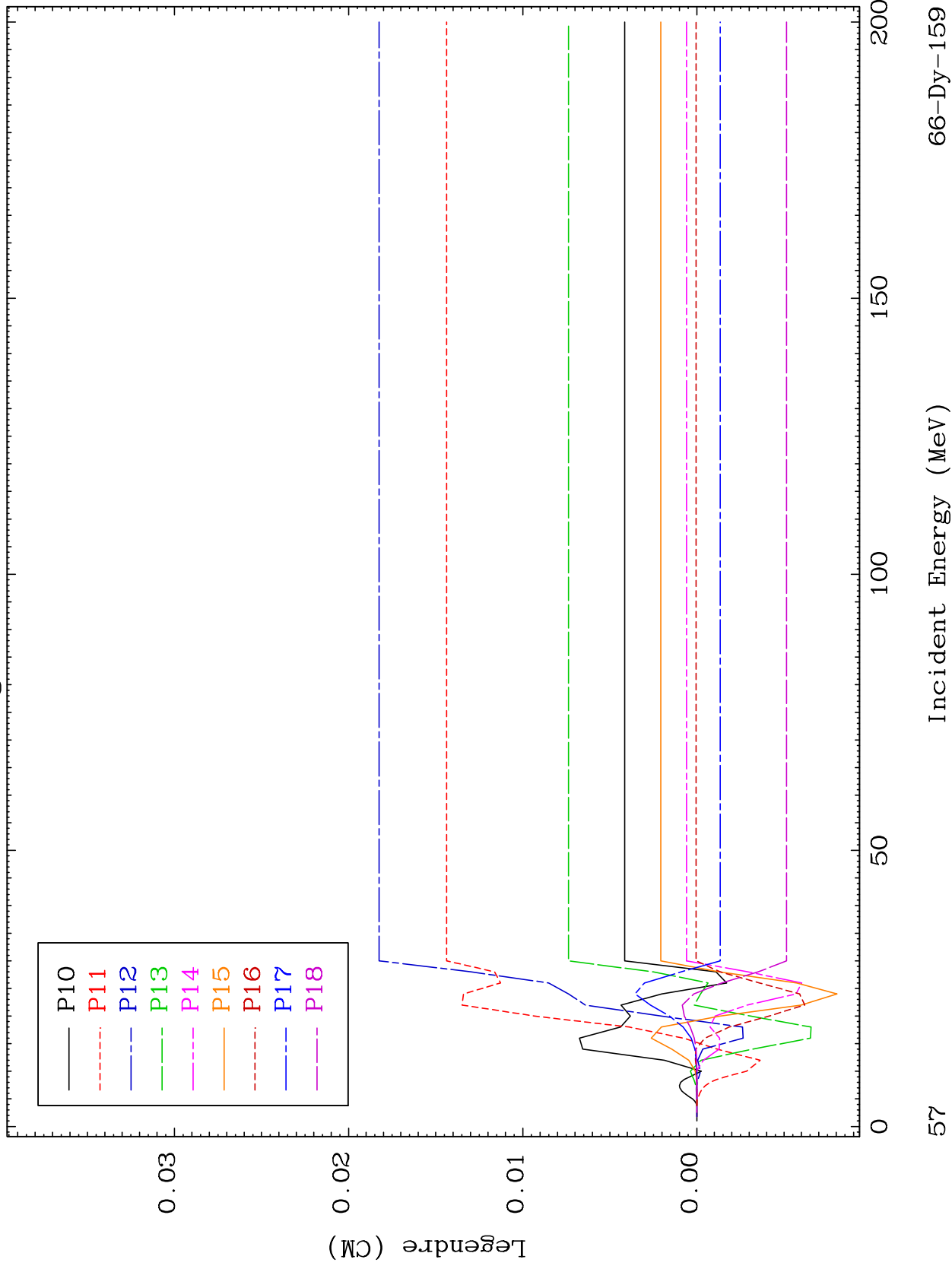
Incident Energy (MeV)

56

MAT 6634

361.1 keV (n,n') Level  
Legendre Coefficients

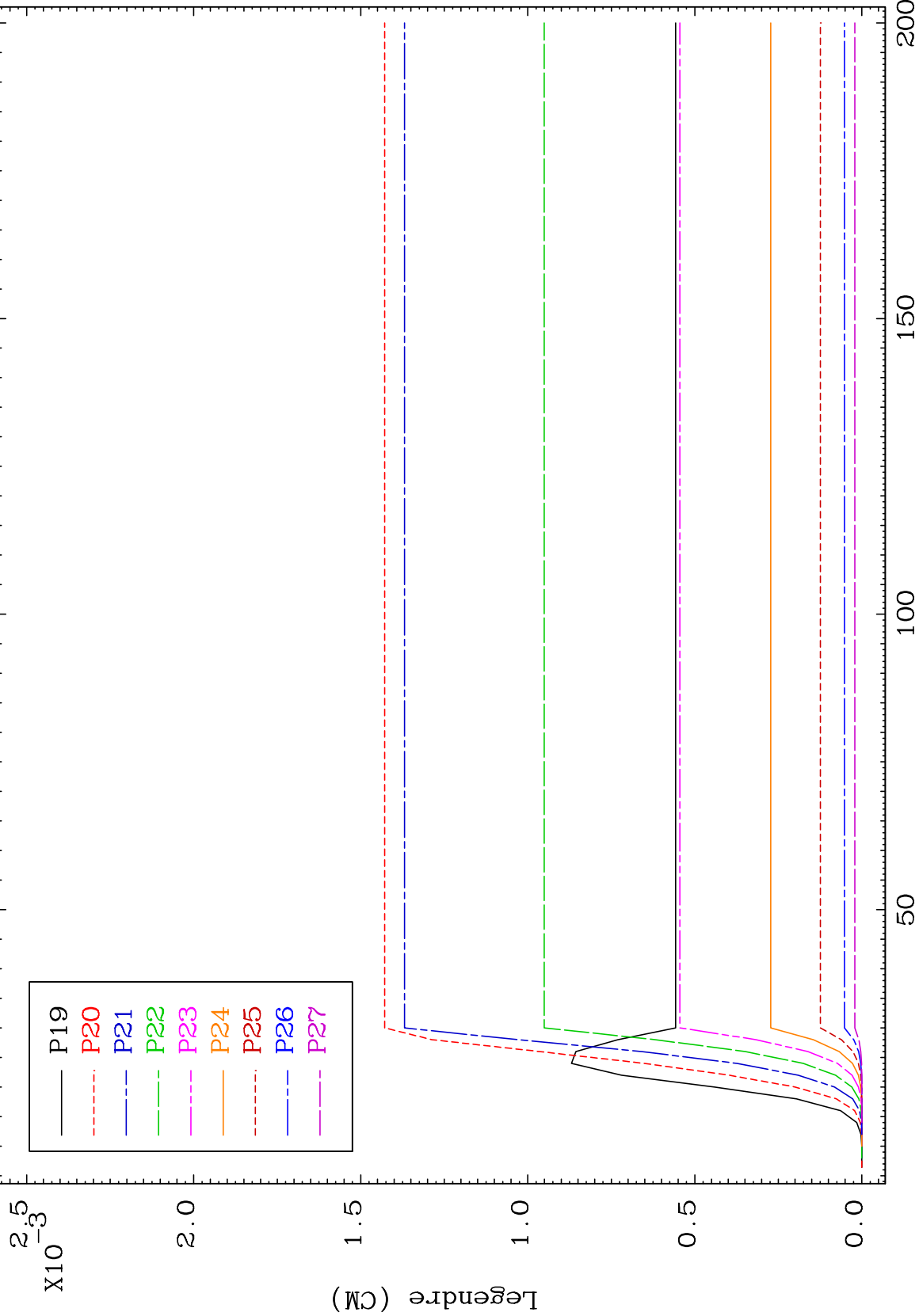
66-Dy-159



57

Incident Energy (MeV)

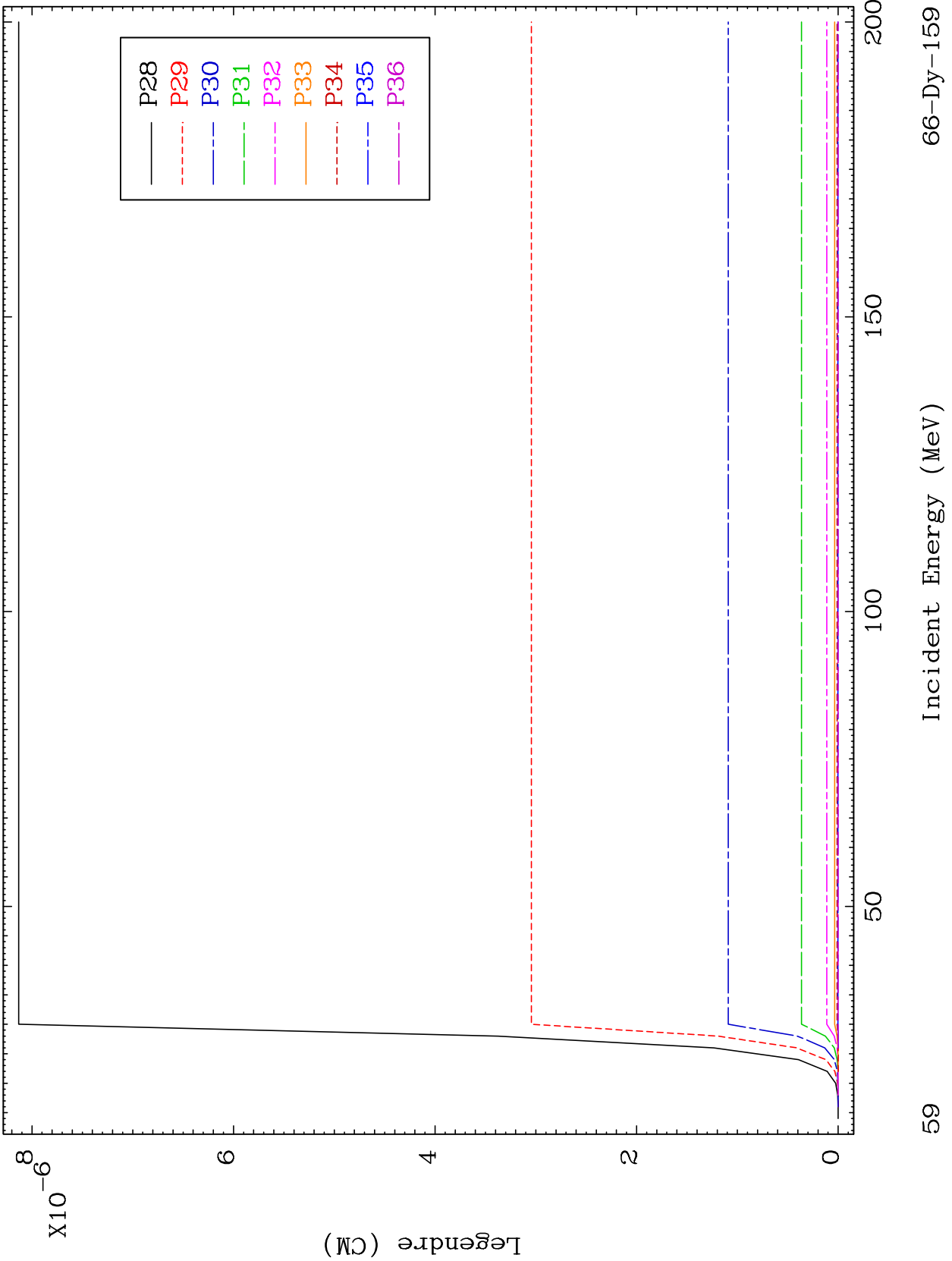
66-Dy-159



MAT 6634

361.1 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



66-Dy-159

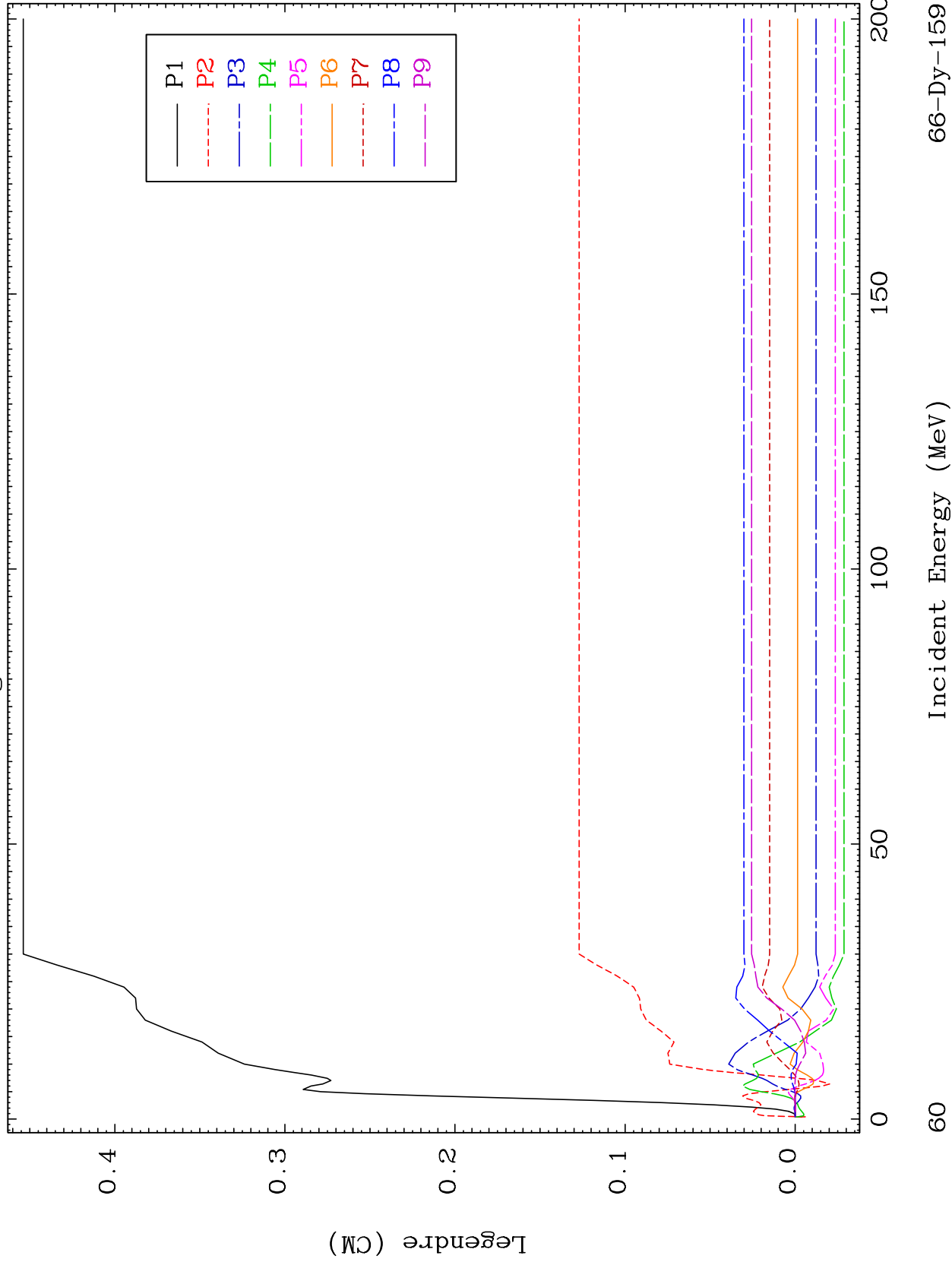
Incident Energy (MeV)

59

MAT 6634

365.4 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



66-Dy-159

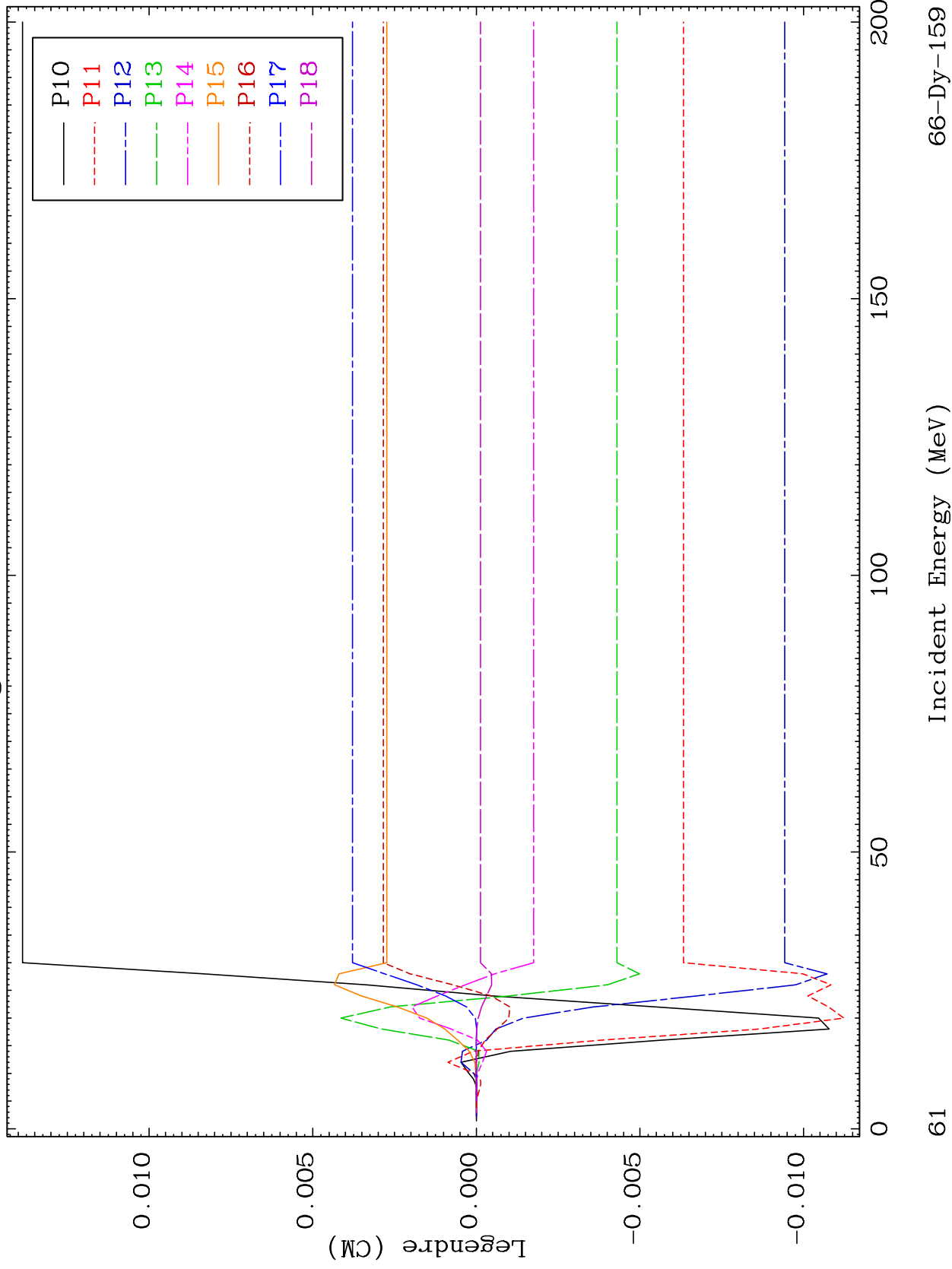
Incident Energy (MeV)

60

MAT 6634

365.4 keV (n,n') Level  
Legendre Coefficients

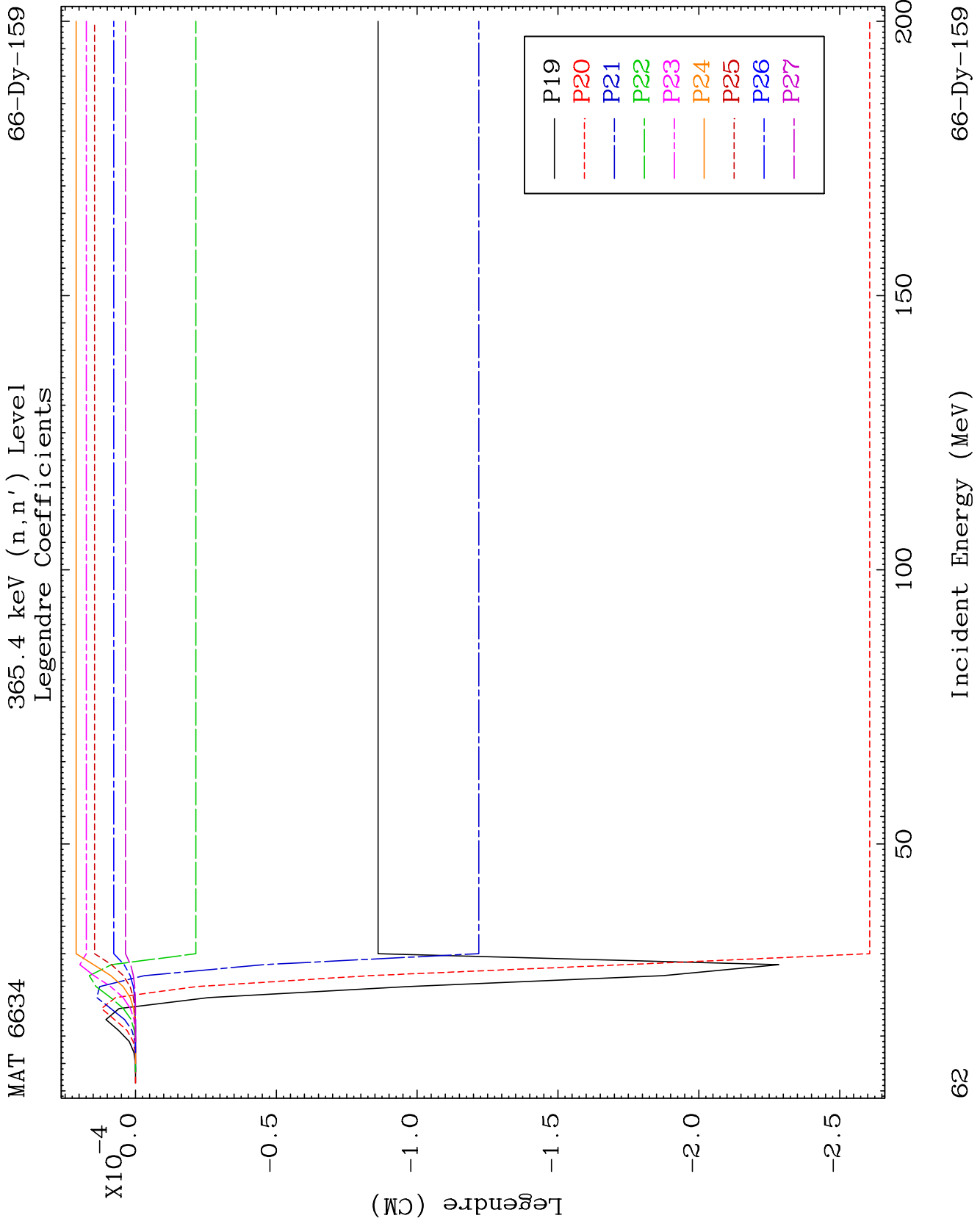
66-Dy-159

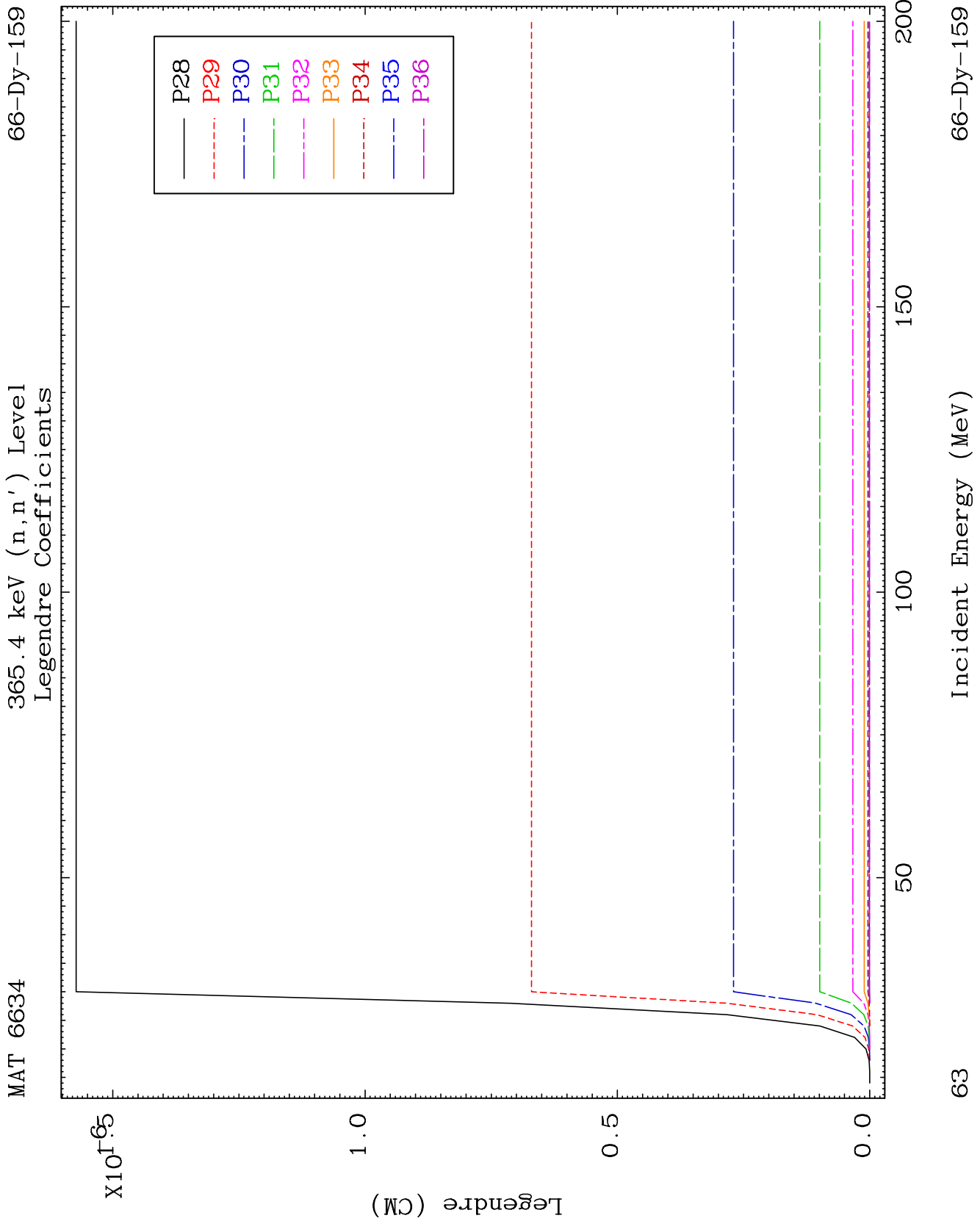


66-Dy-159

Incident Energy (MeV)

61





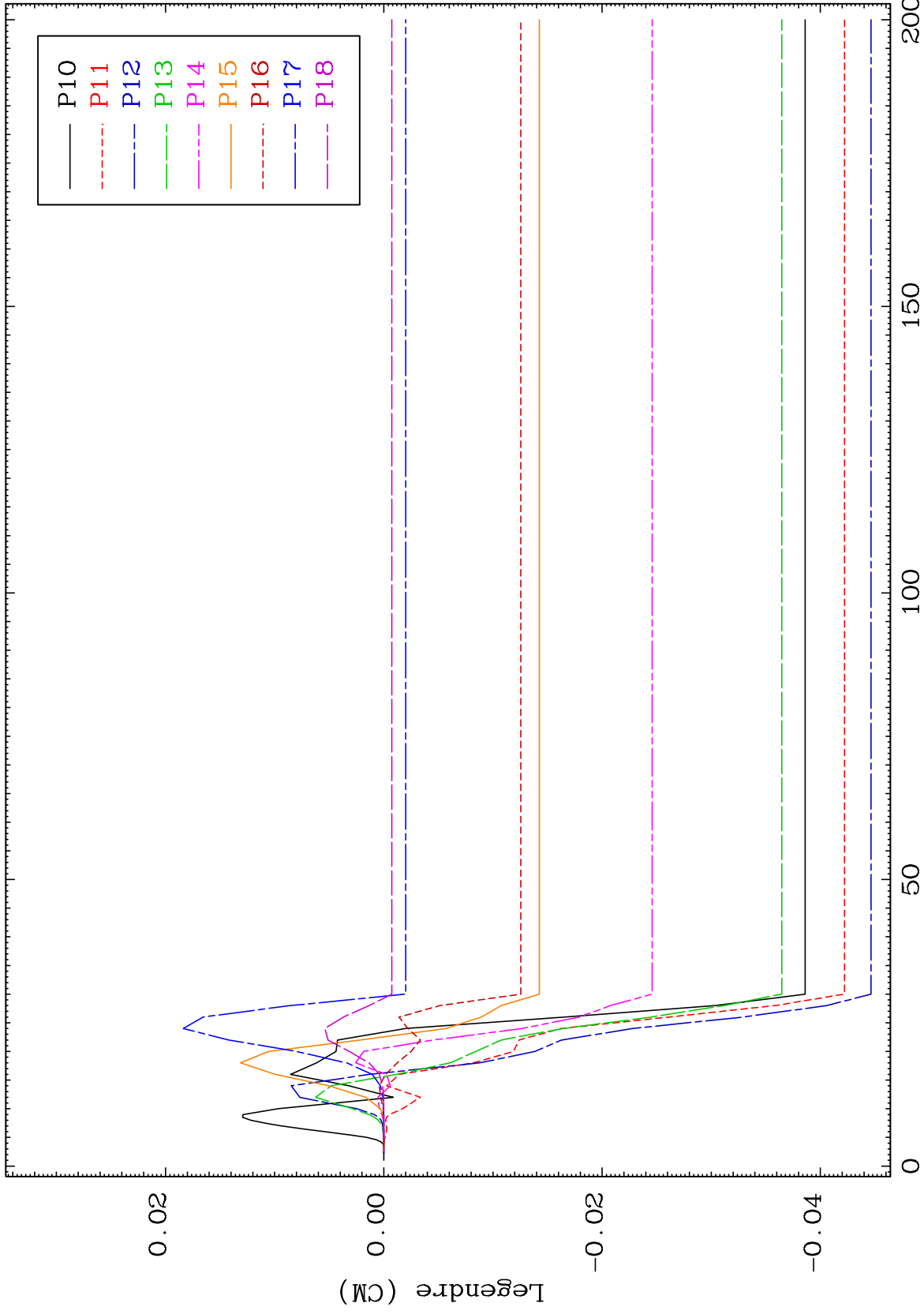




MAT 6634

395.3 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



65

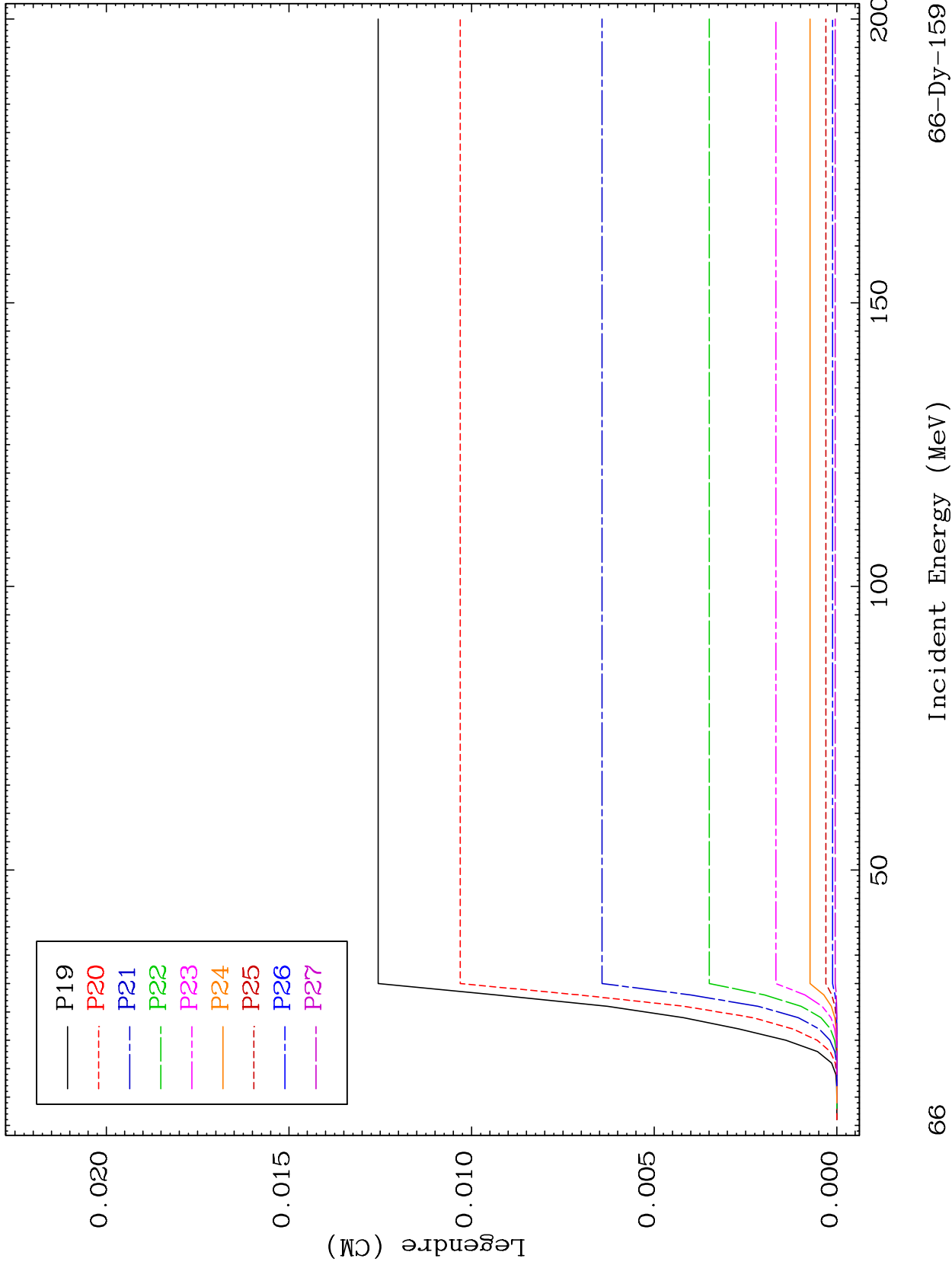
Incident Energy (MeV)

66-Dy-159

MAT 6634

395.3 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



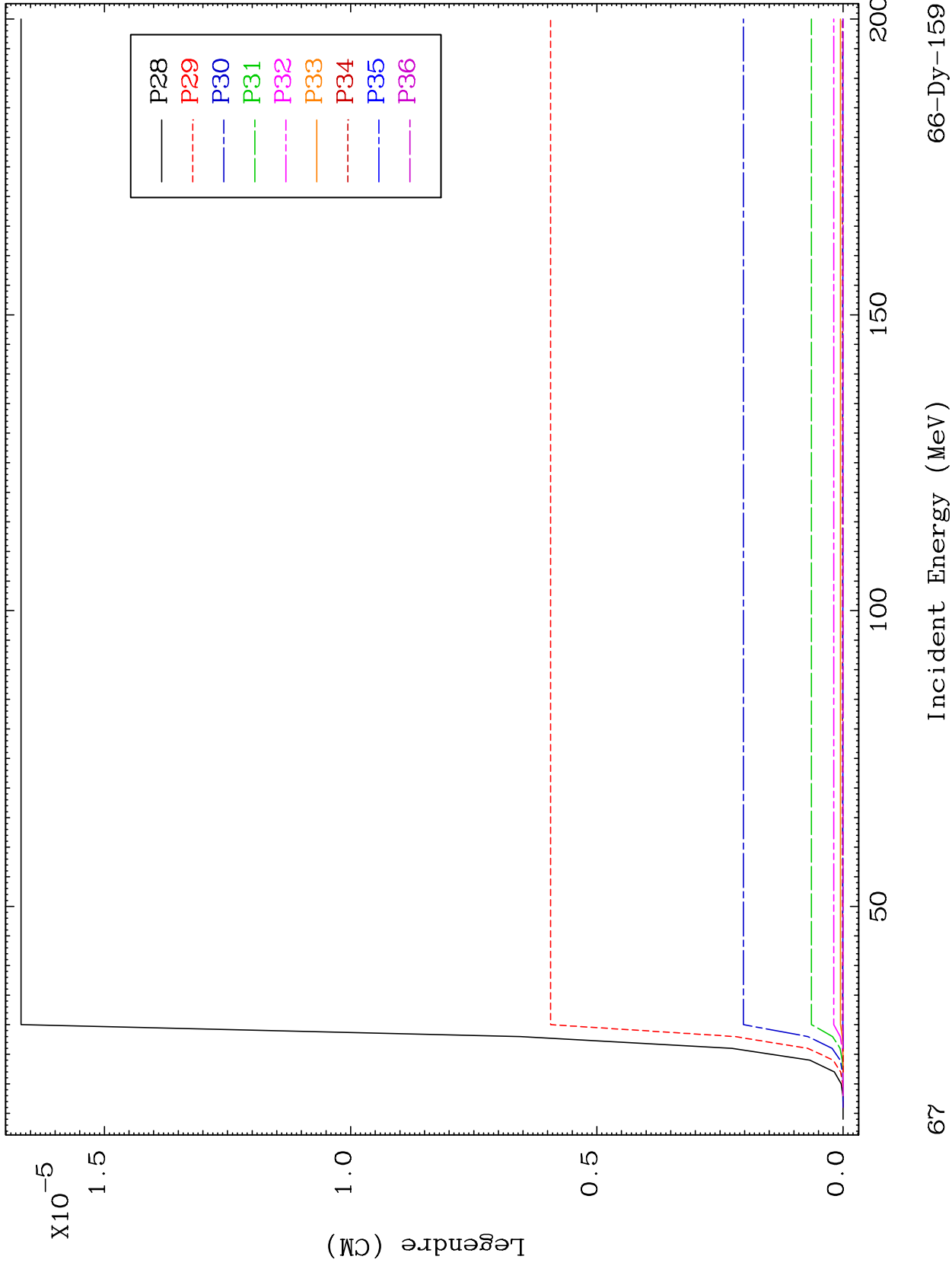
66

66-Dy-159

MAT 6634

395.3 keV (n,n') Level  
Legendre Coefficients

66-Dy-159

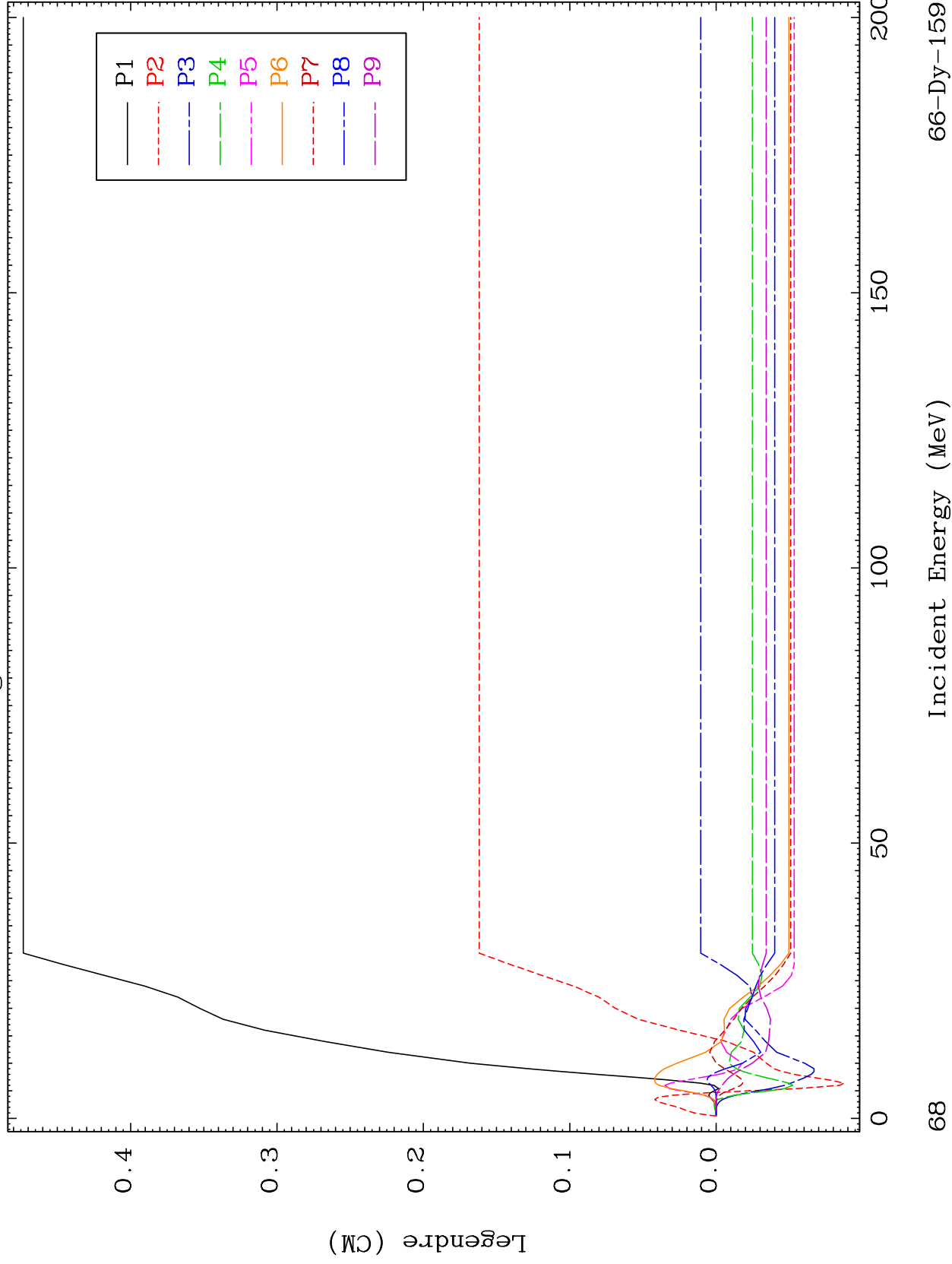


67

MAT 6634

417.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



66-Dy-159

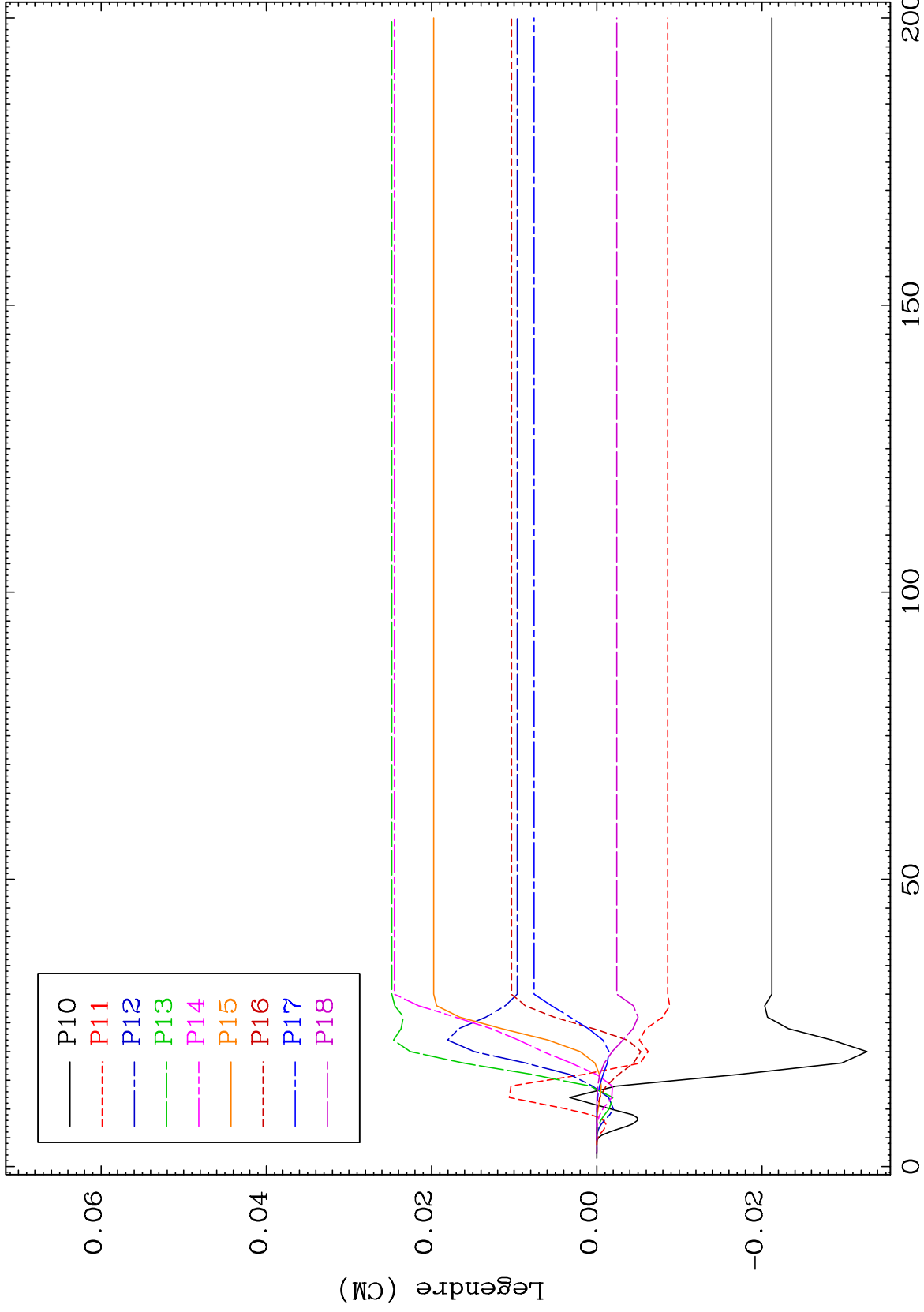
Incident Energy (MeV)

68

MAT 6634

417.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



69

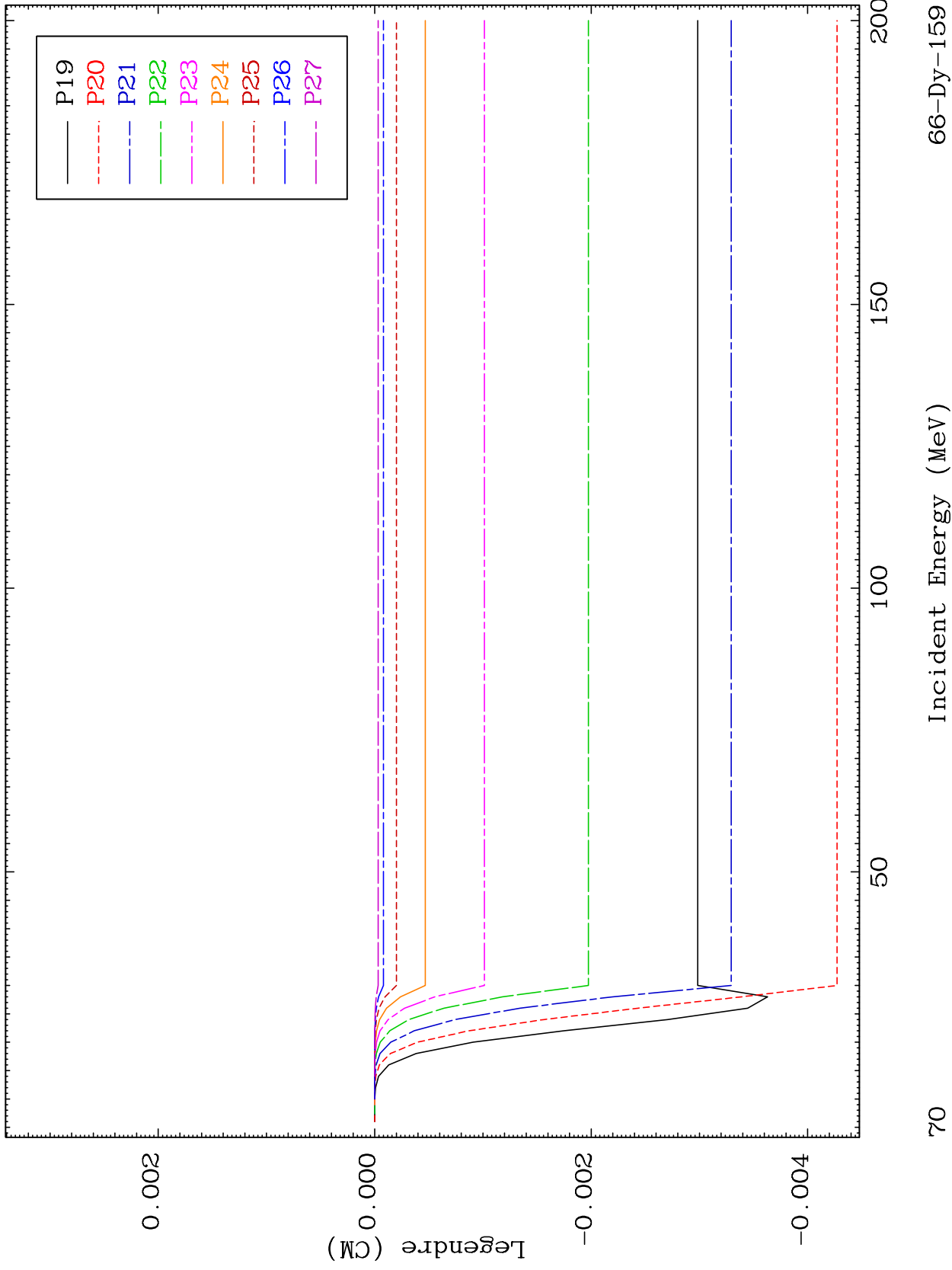
Incident Energy (MeV)

66-Dy-159

MAT 6634

417.0 keV (n,n') Level  
Legendre Coefficients

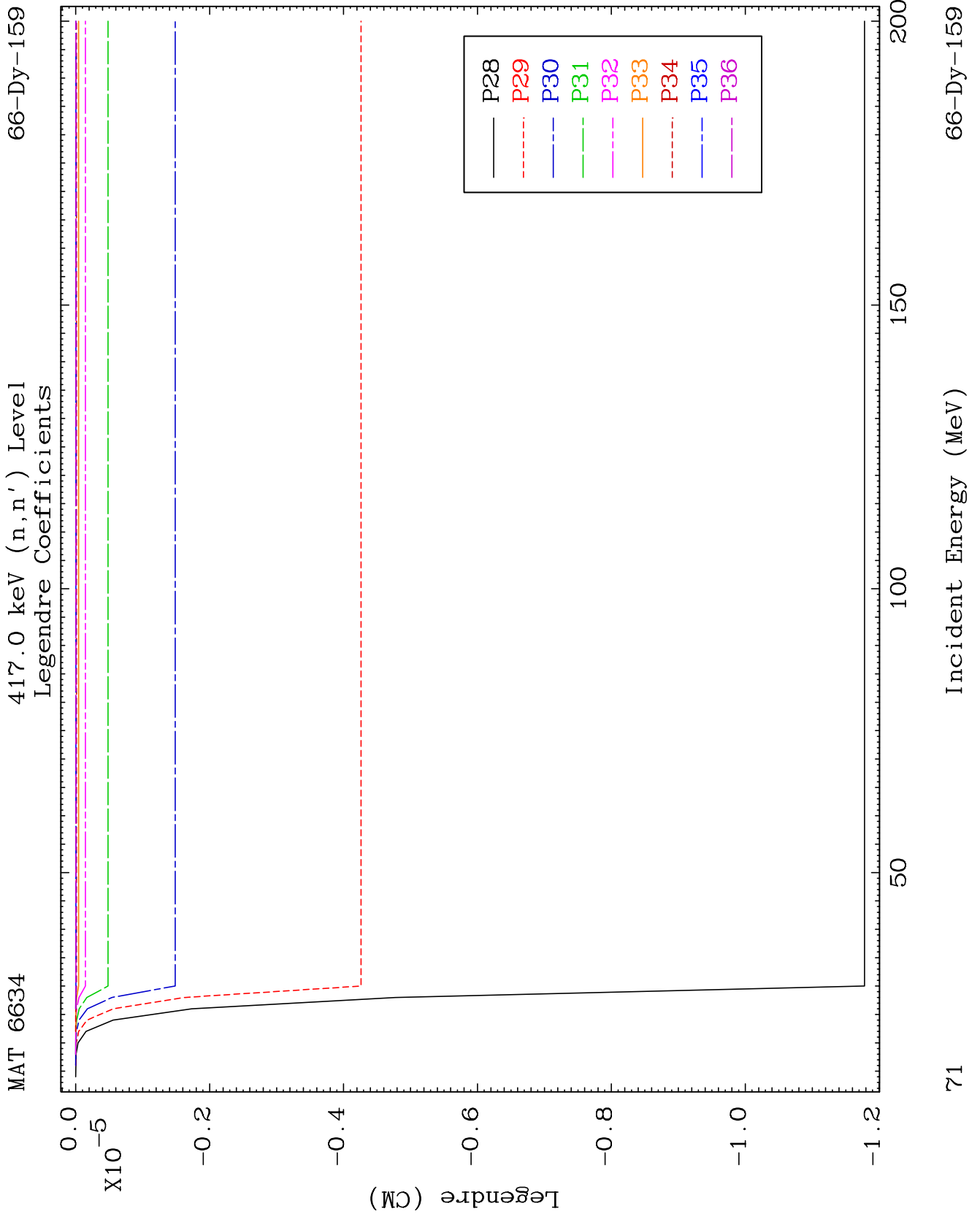
66-Dy-159



70

Incident Energy (MeV)

66-Dy-159

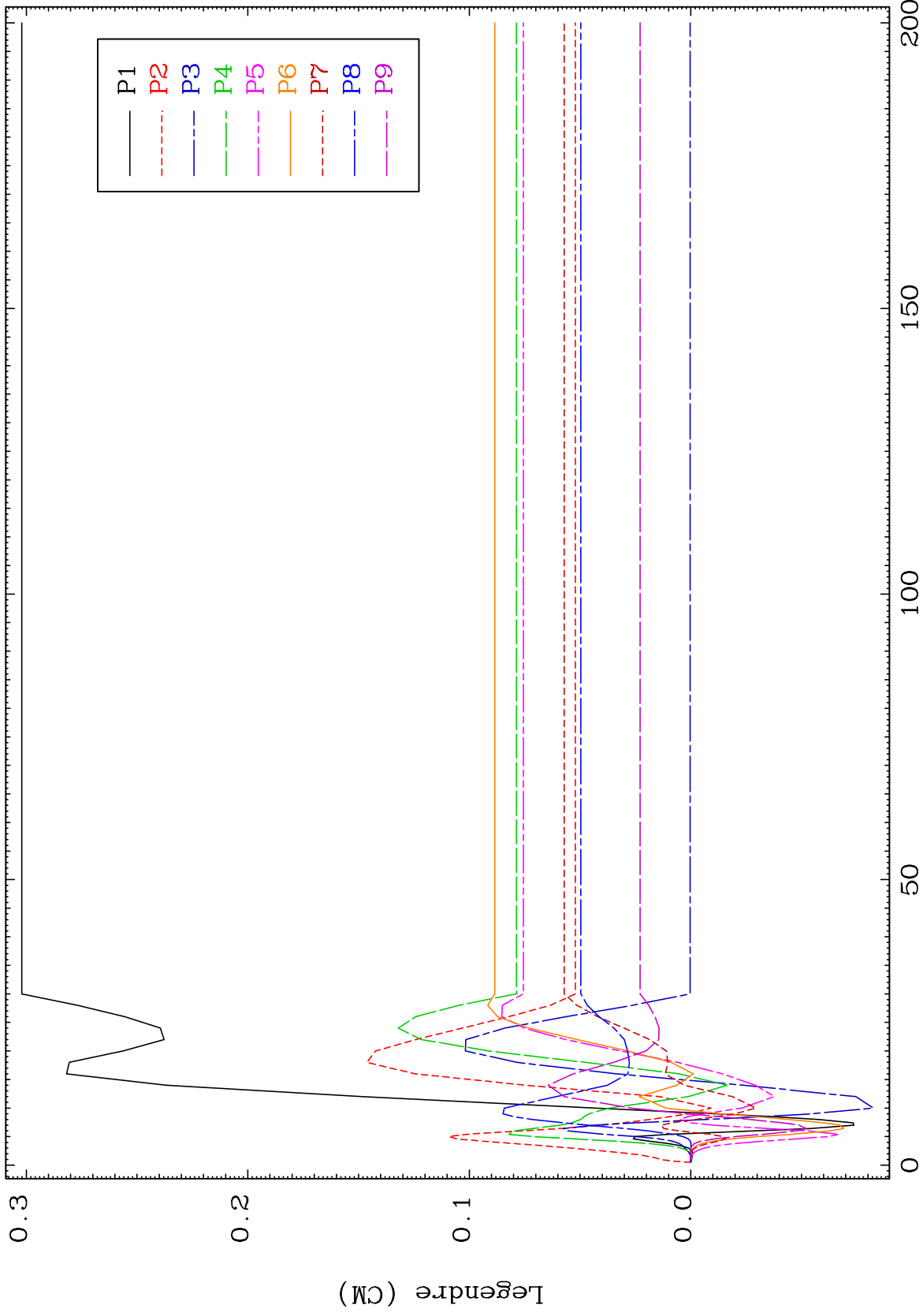




MAT 6634

470.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



72

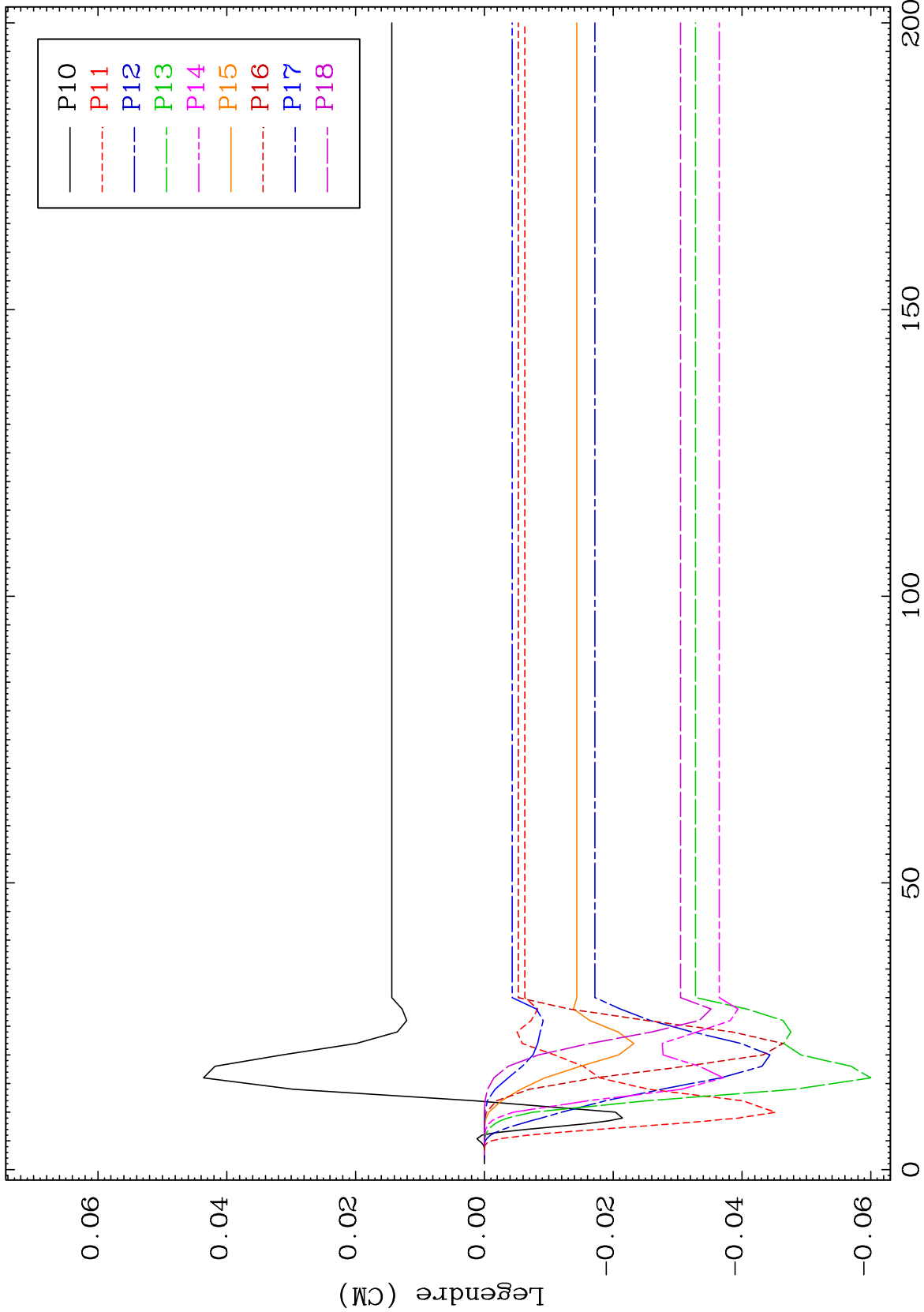
Incident Energy (MeV)

66-Dy-159

MAT 6634

470.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



73

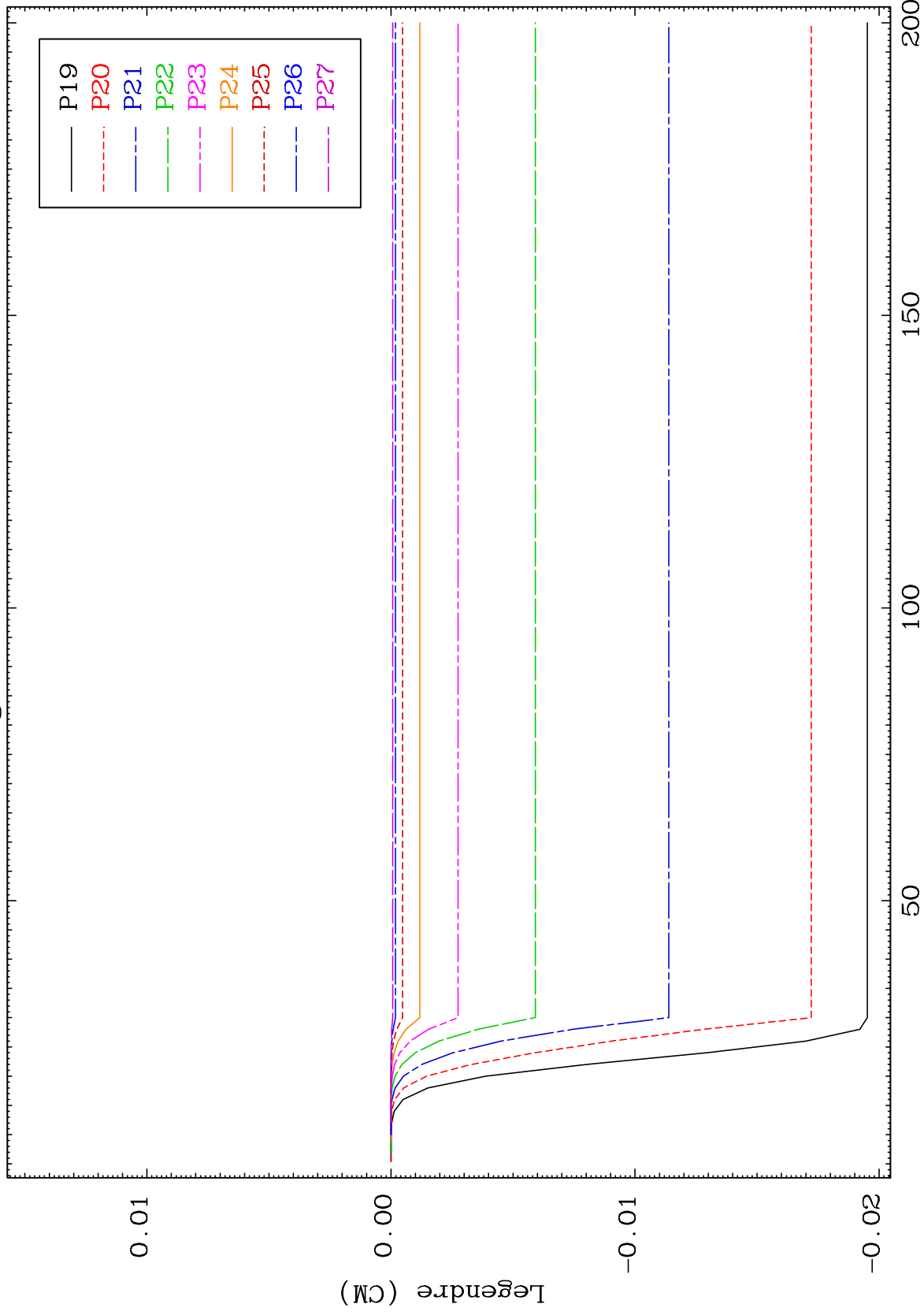
Incident Energy (MeV)

66-Dy-159

MAT 6634

470.0 keV (n,n') Level  
Legendre Coefficients

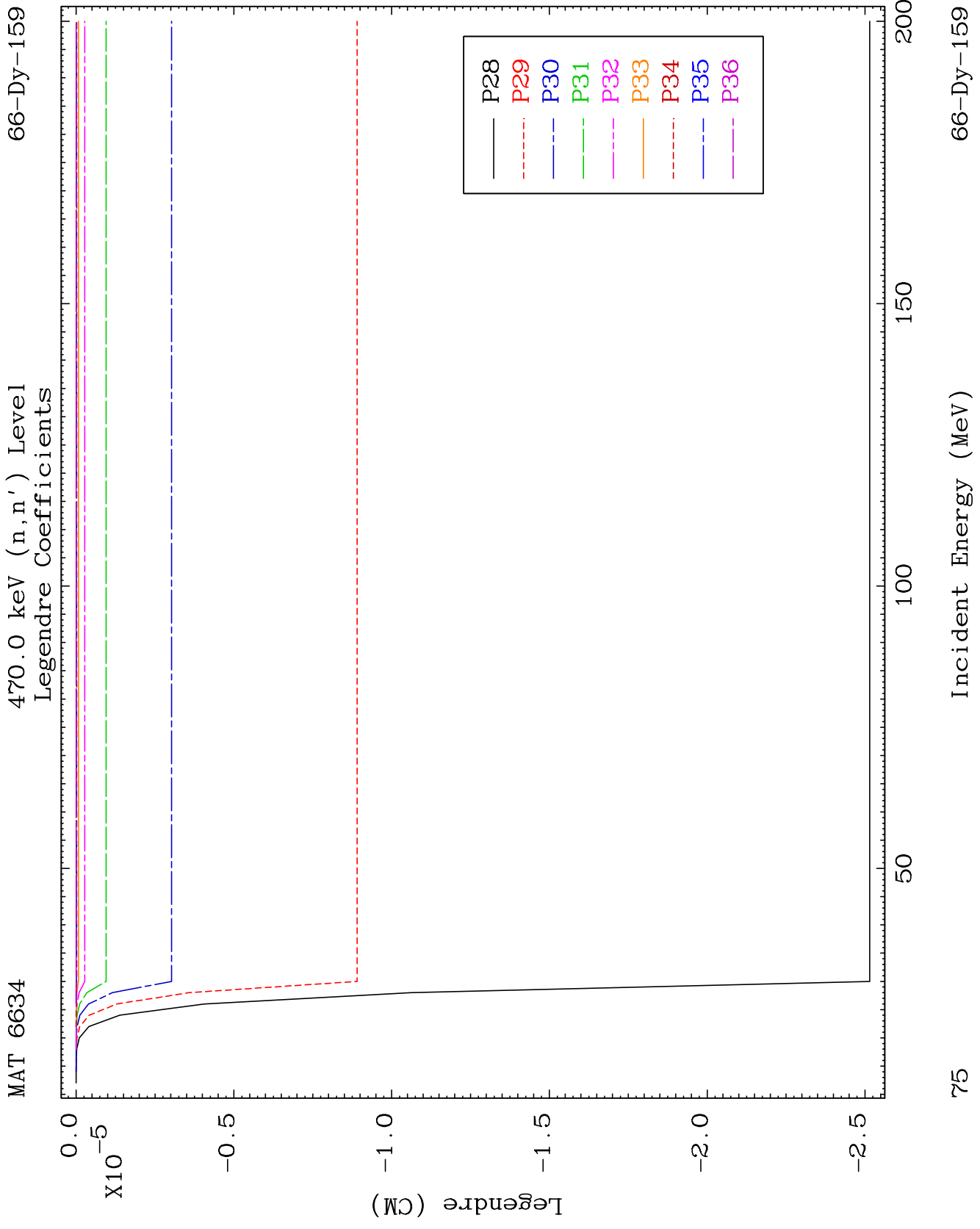
66-Dy-159



74

Incident Energy (MeV)

66-Dy-159



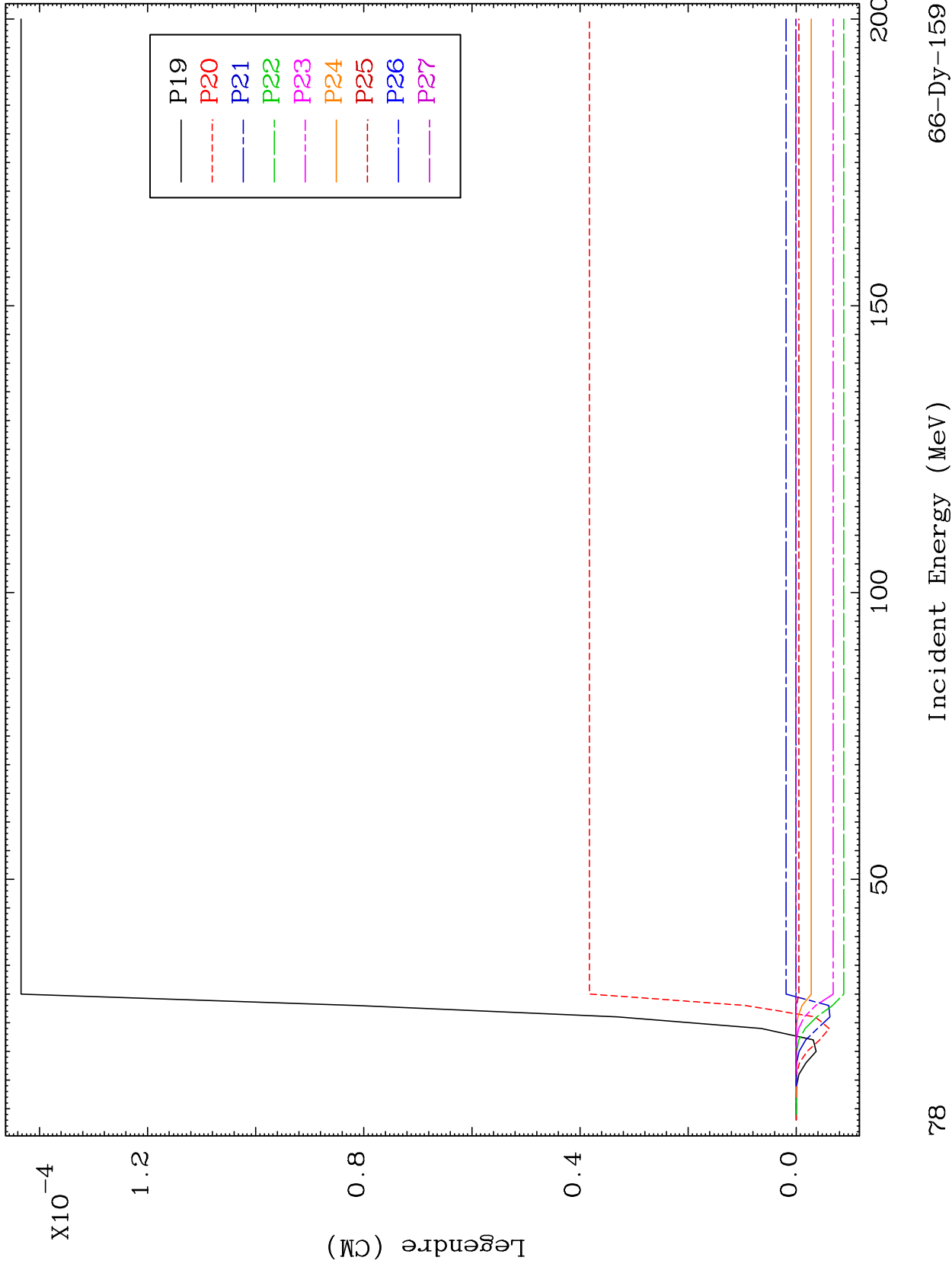




MAT 6634

497.5 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



78

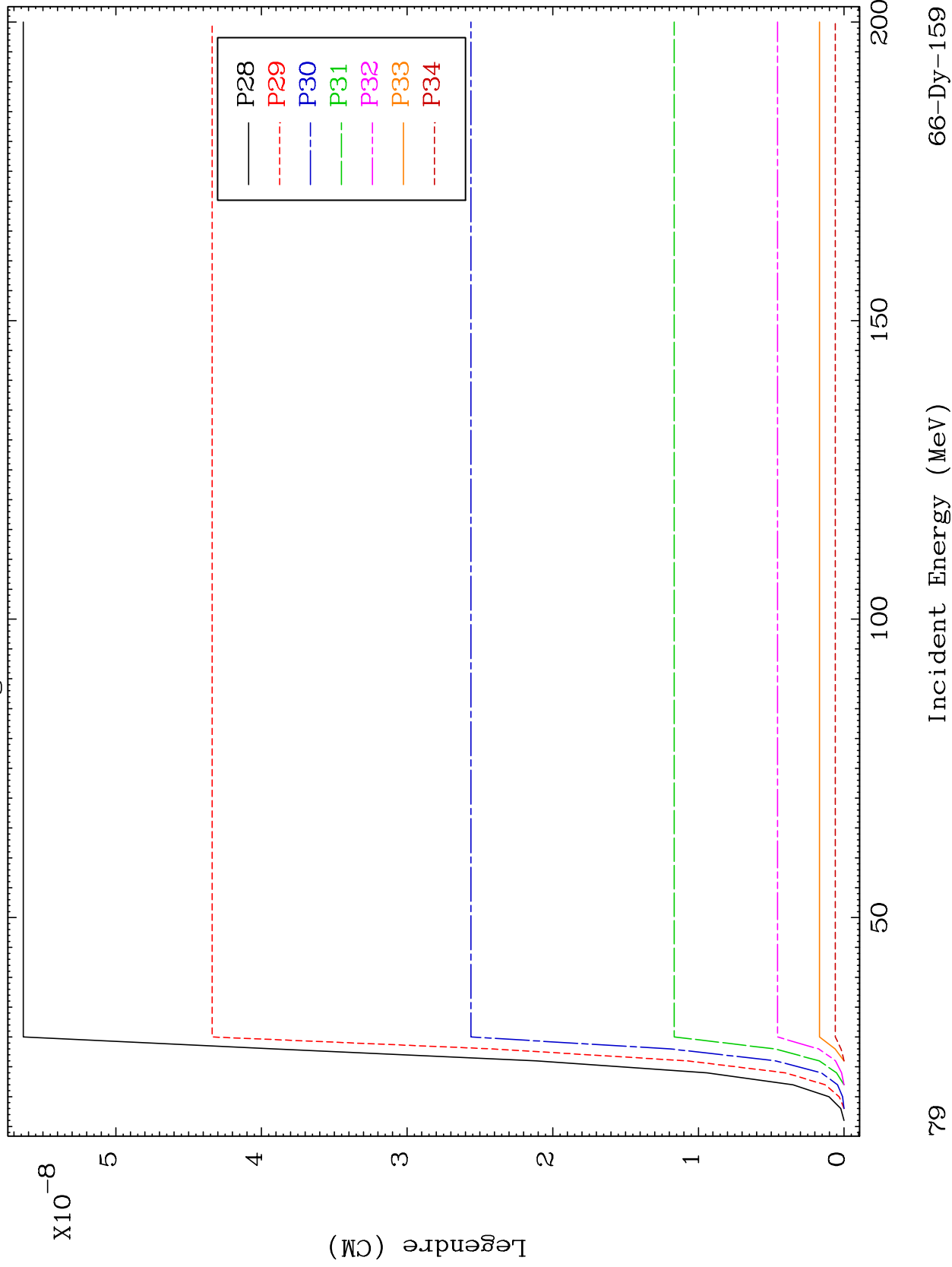
Incident Energy (MeV)

66-Dy-159

MAT 6634

497.5 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



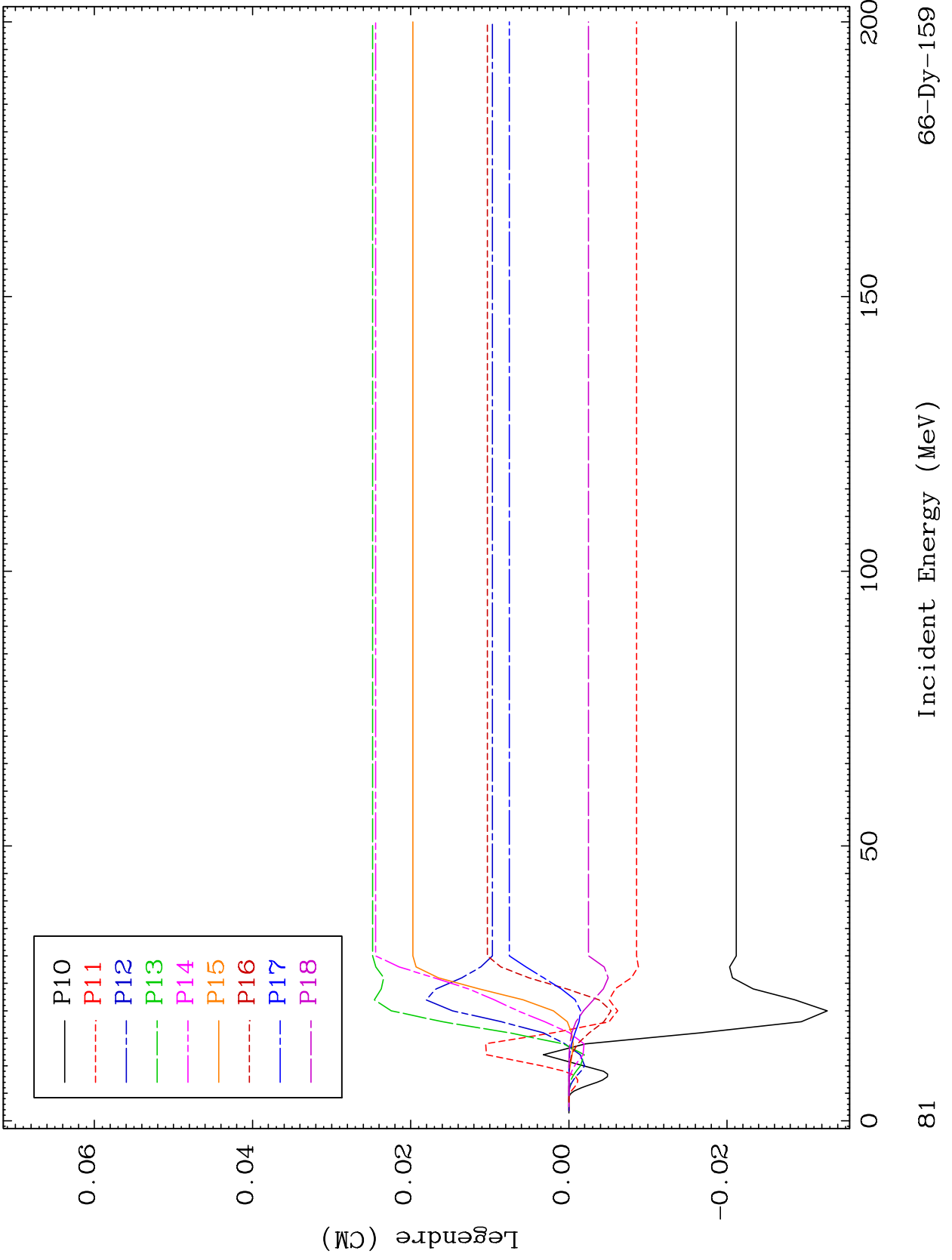




MAT 6634

505.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



81

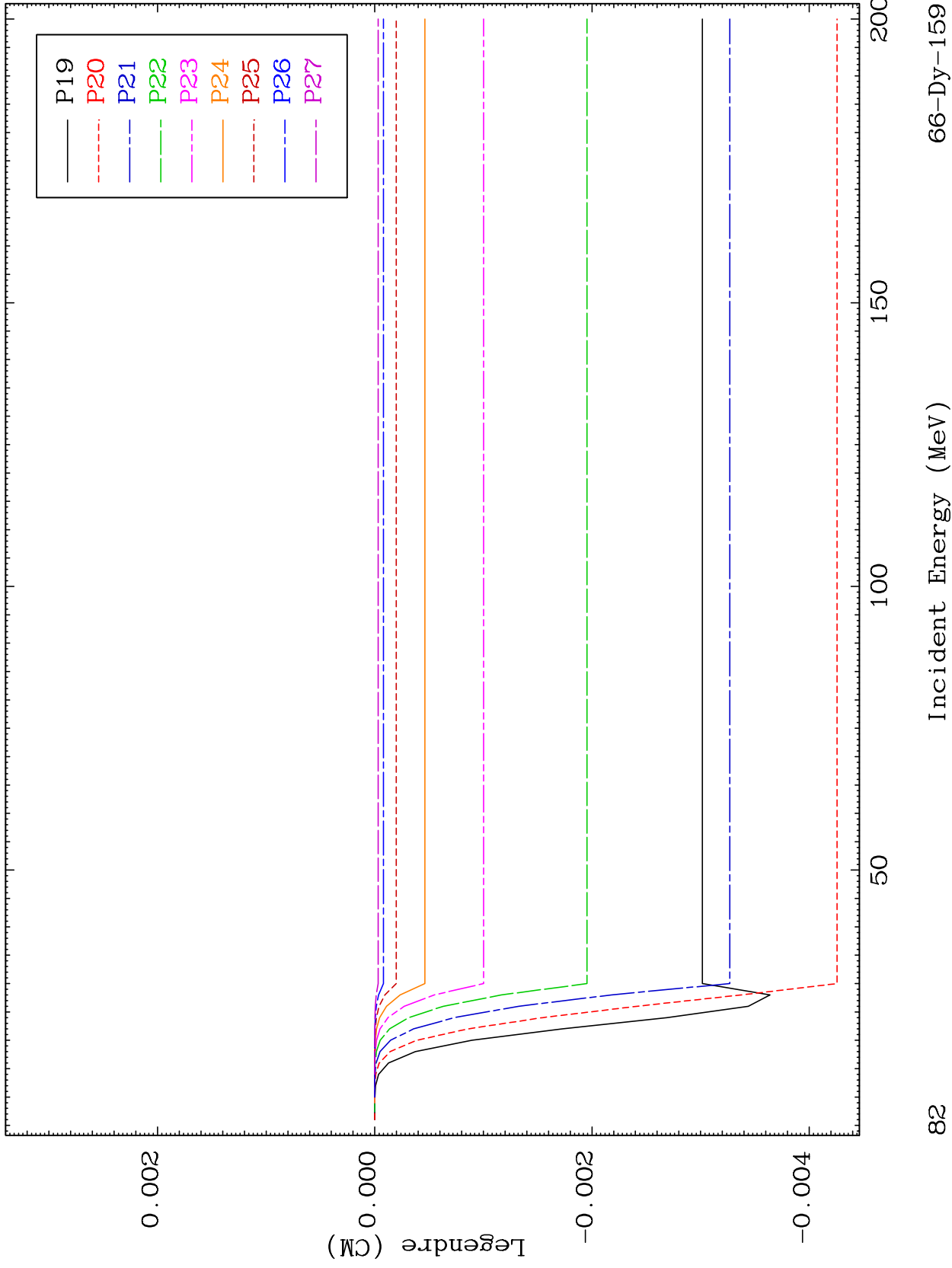
Incident Energy (MeV)

66-Dy-159

MAT 6634

505.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



82

Incident Energy (MeV)

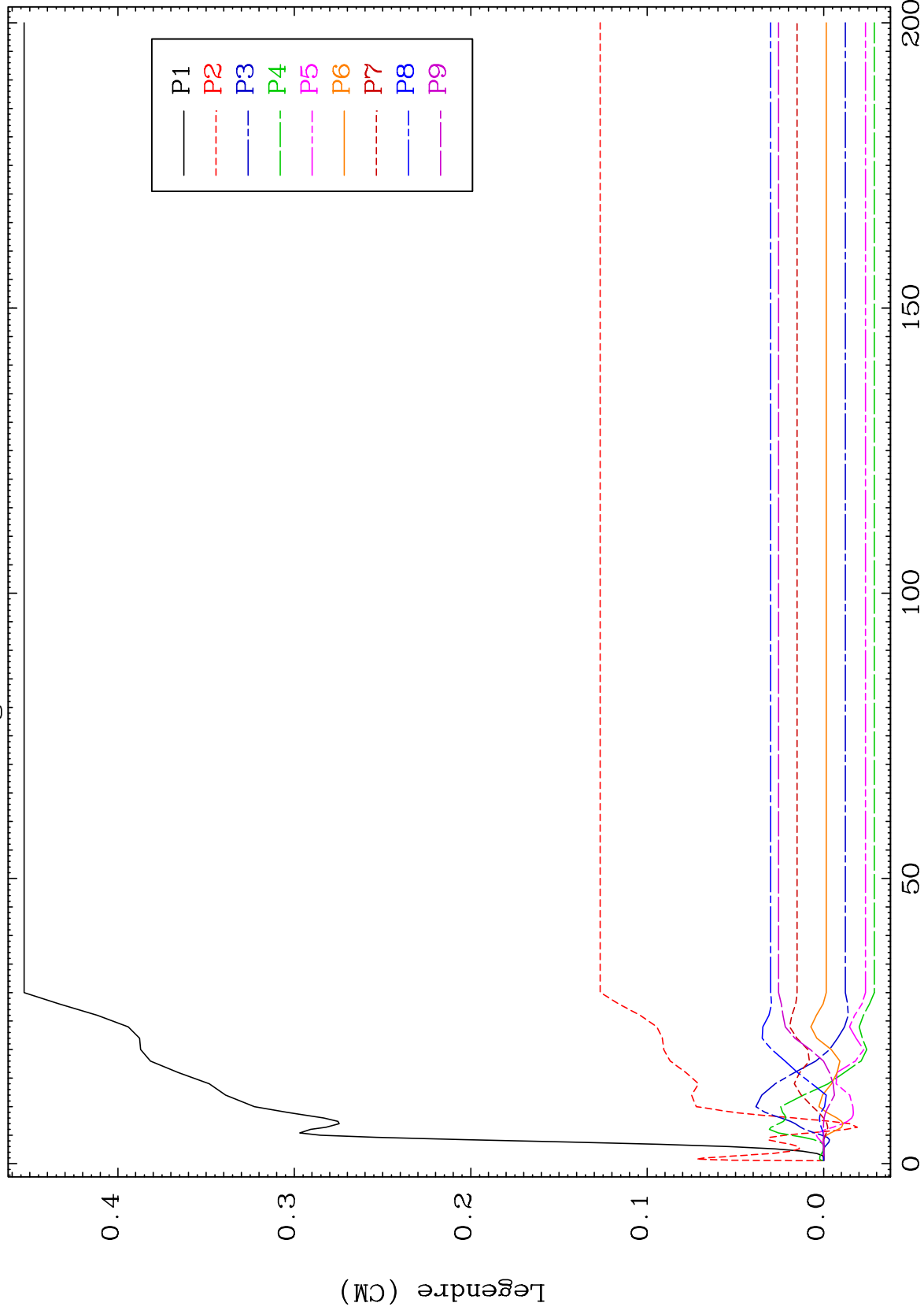
66-Dy-159



MAT 6634

515.5 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



84

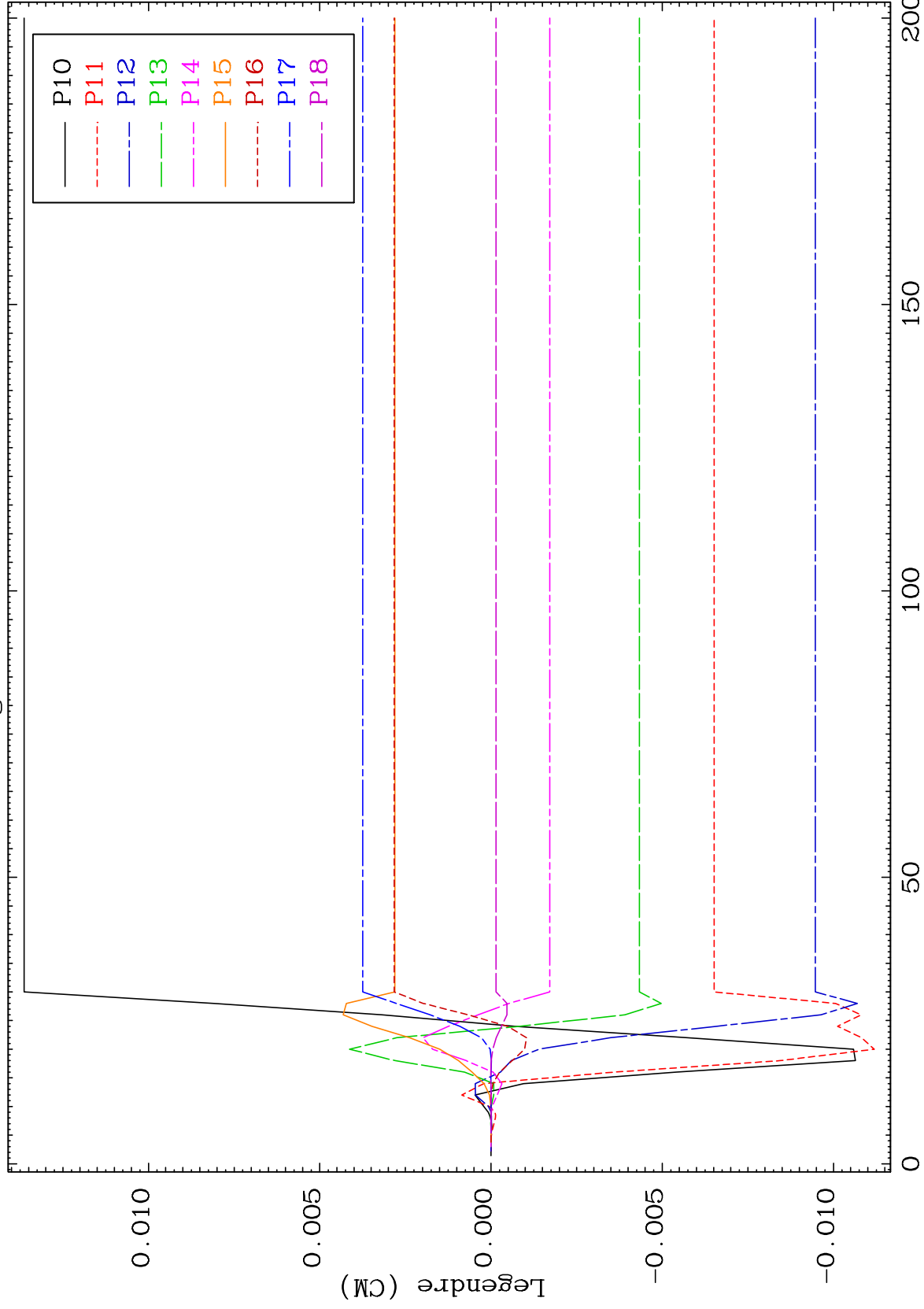
Incident Energy (MeV)

66-Dy-159

MAT 6634

515.5 keV (n,n') Level  
Legendre Coefficients

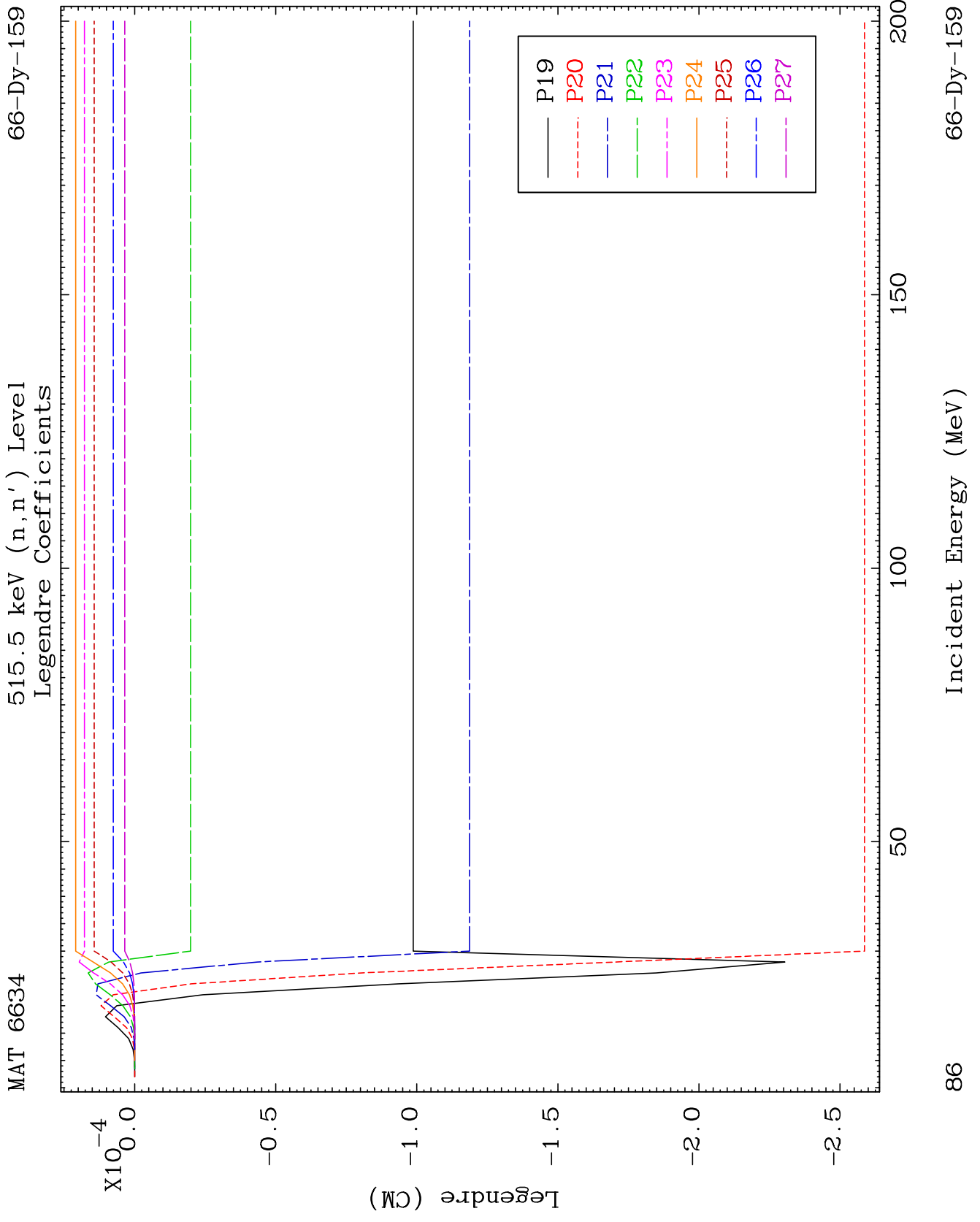
66-Dy-159



85

Incident Energy (MeV)

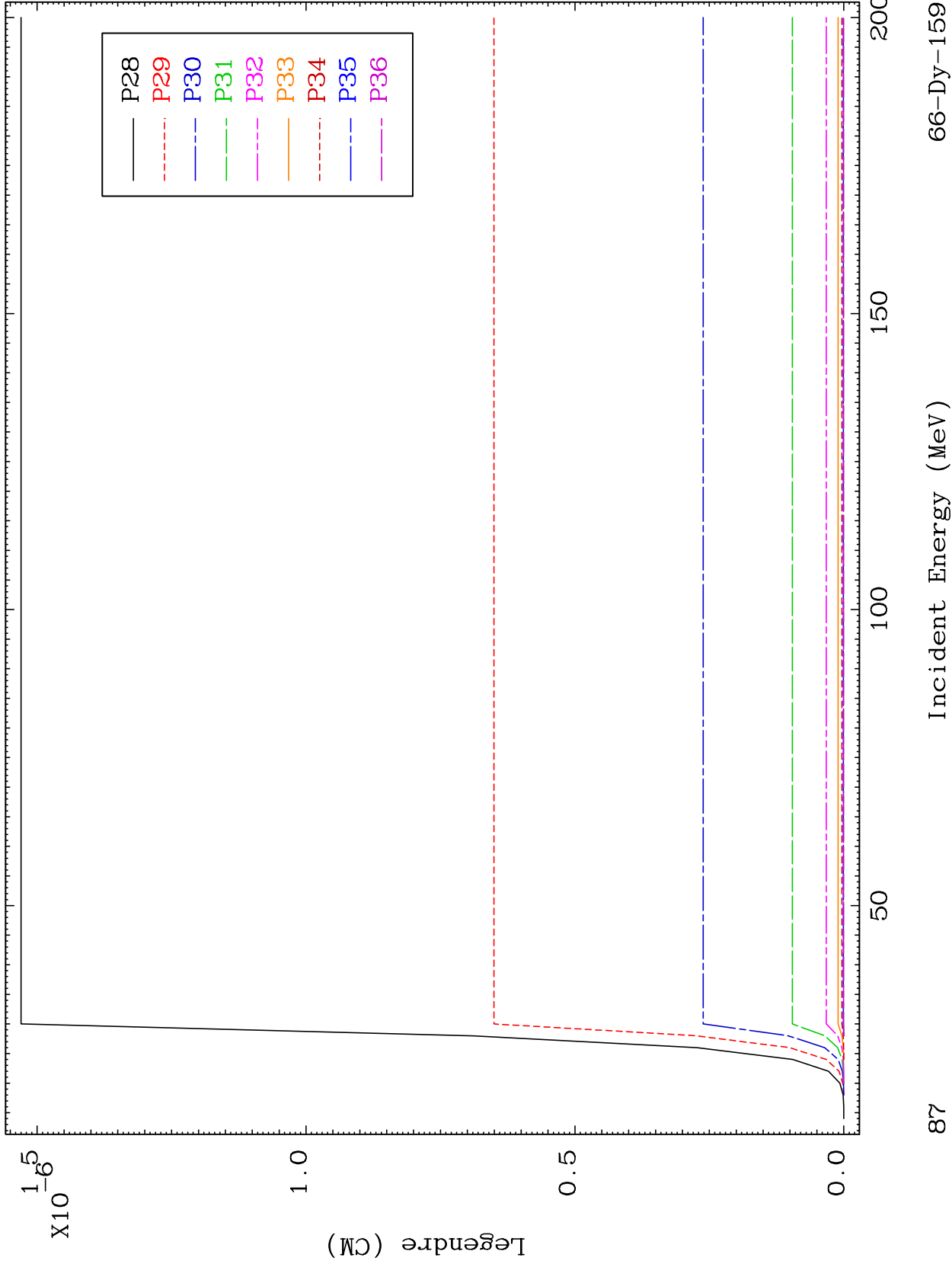
66-Dy-159



MAT 6634

515.5 keV (n,n') Level  
Legendre Coefficients

66-Dy-159

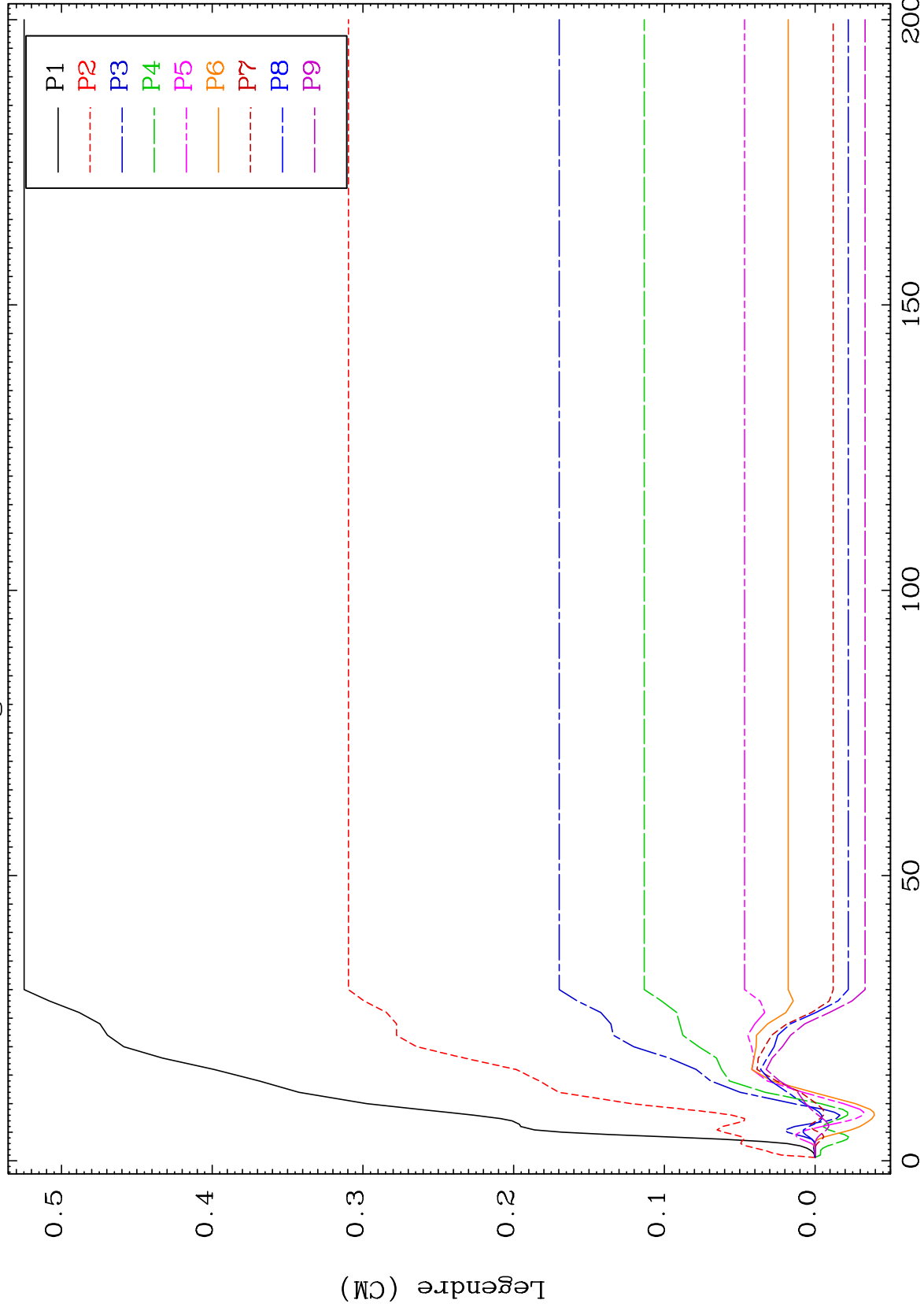




MAT 6634

533.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



88

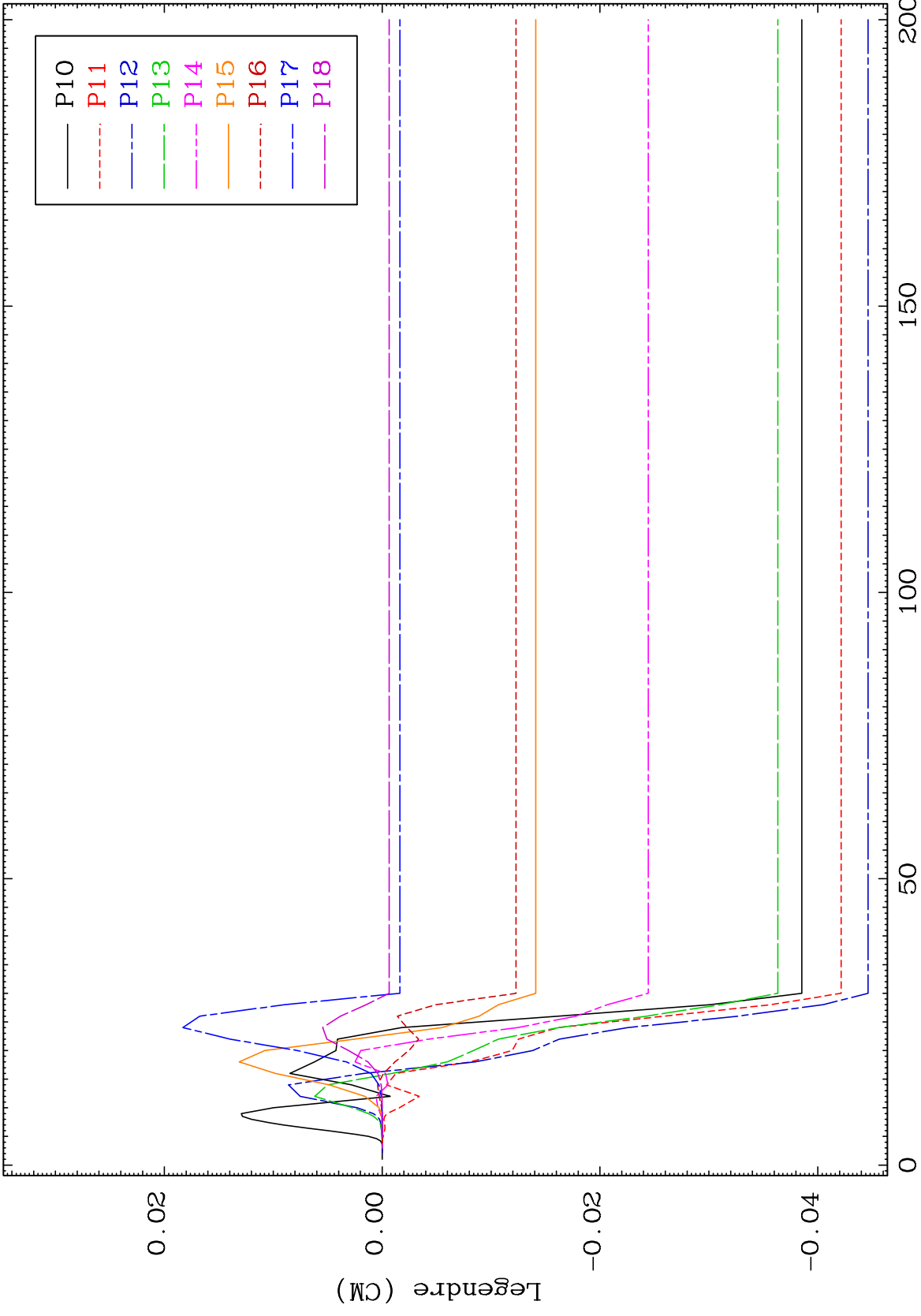
Incident Energy (MeV)

66-Dy-159

MAT 6634

533.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



89

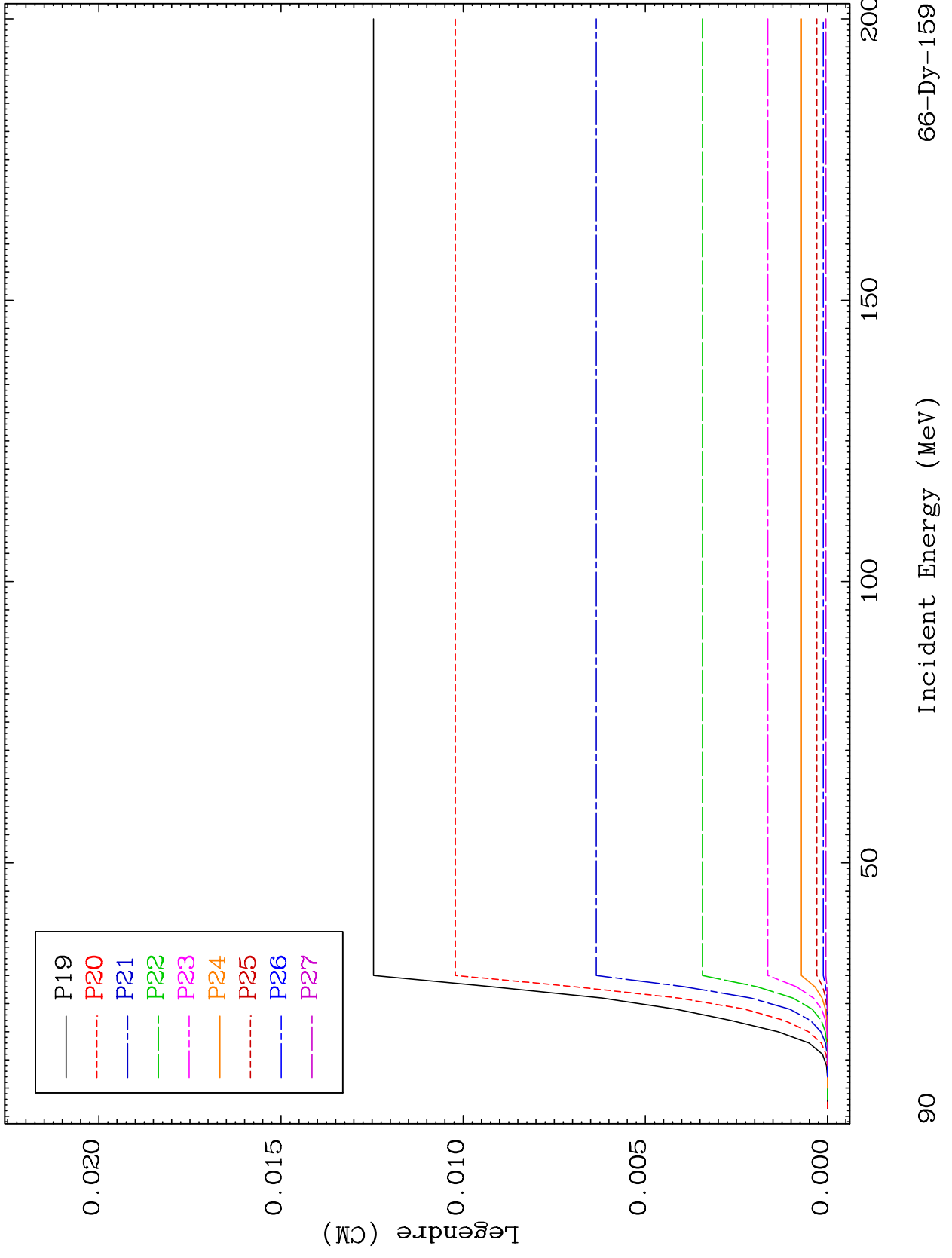
Incident Energy (MeV)

66-Dy-159

MAT 6634

533.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



90

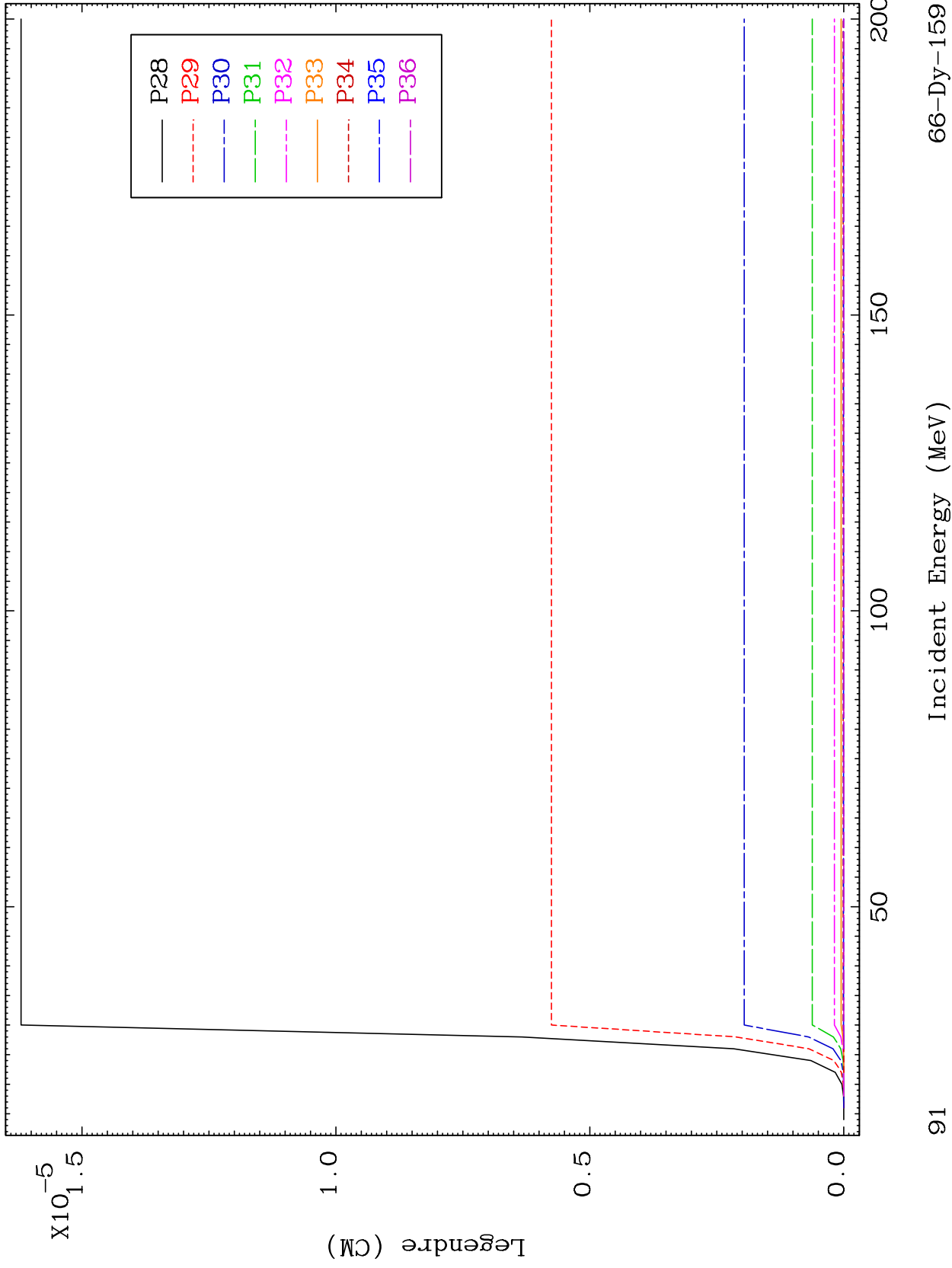
Incident Energy (MeV)

66-Dy-159

MAT 6634

533.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



91

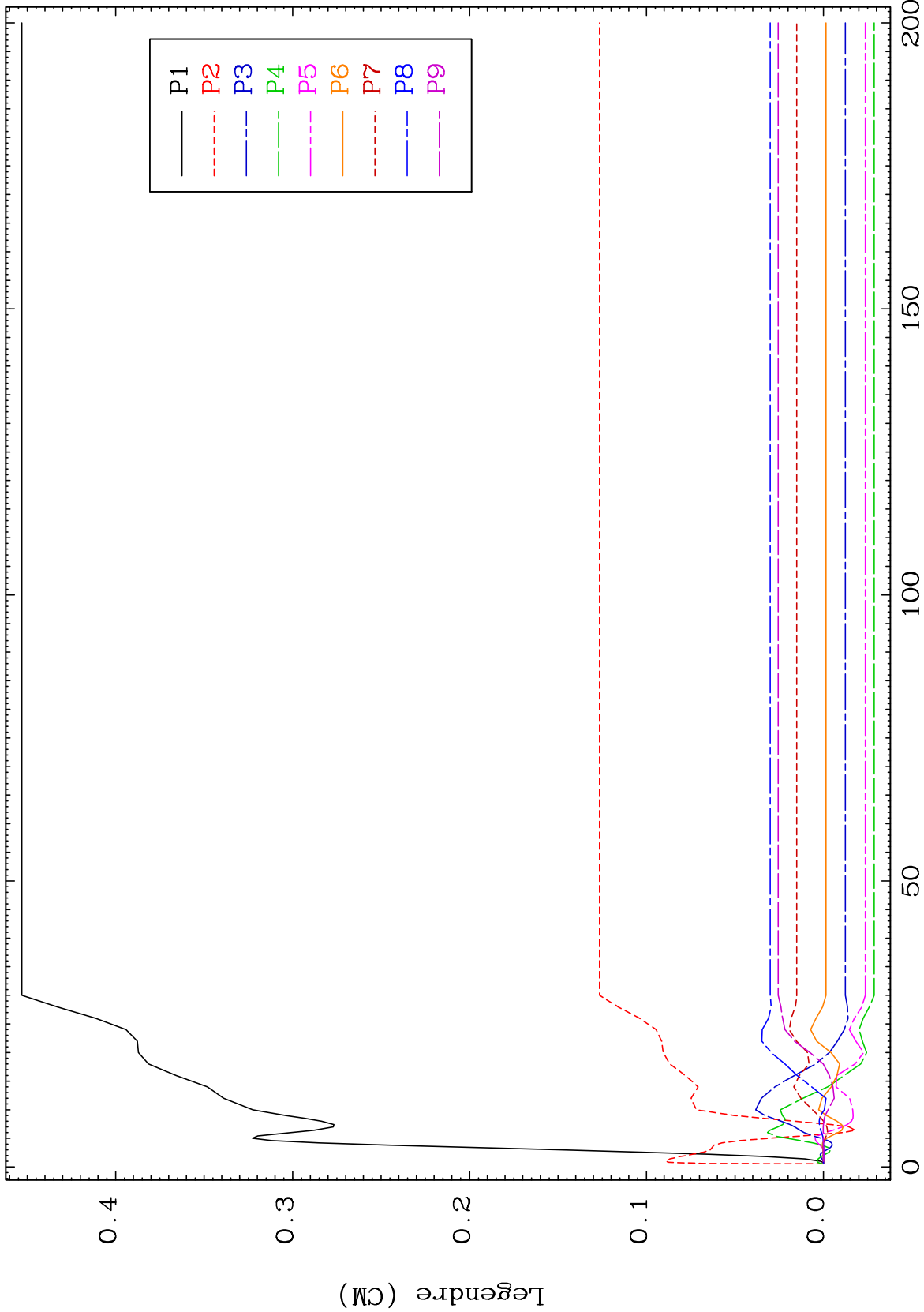
Incident Energy (MeV)

66-Dy-159

MAT 6634

543.4 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



92

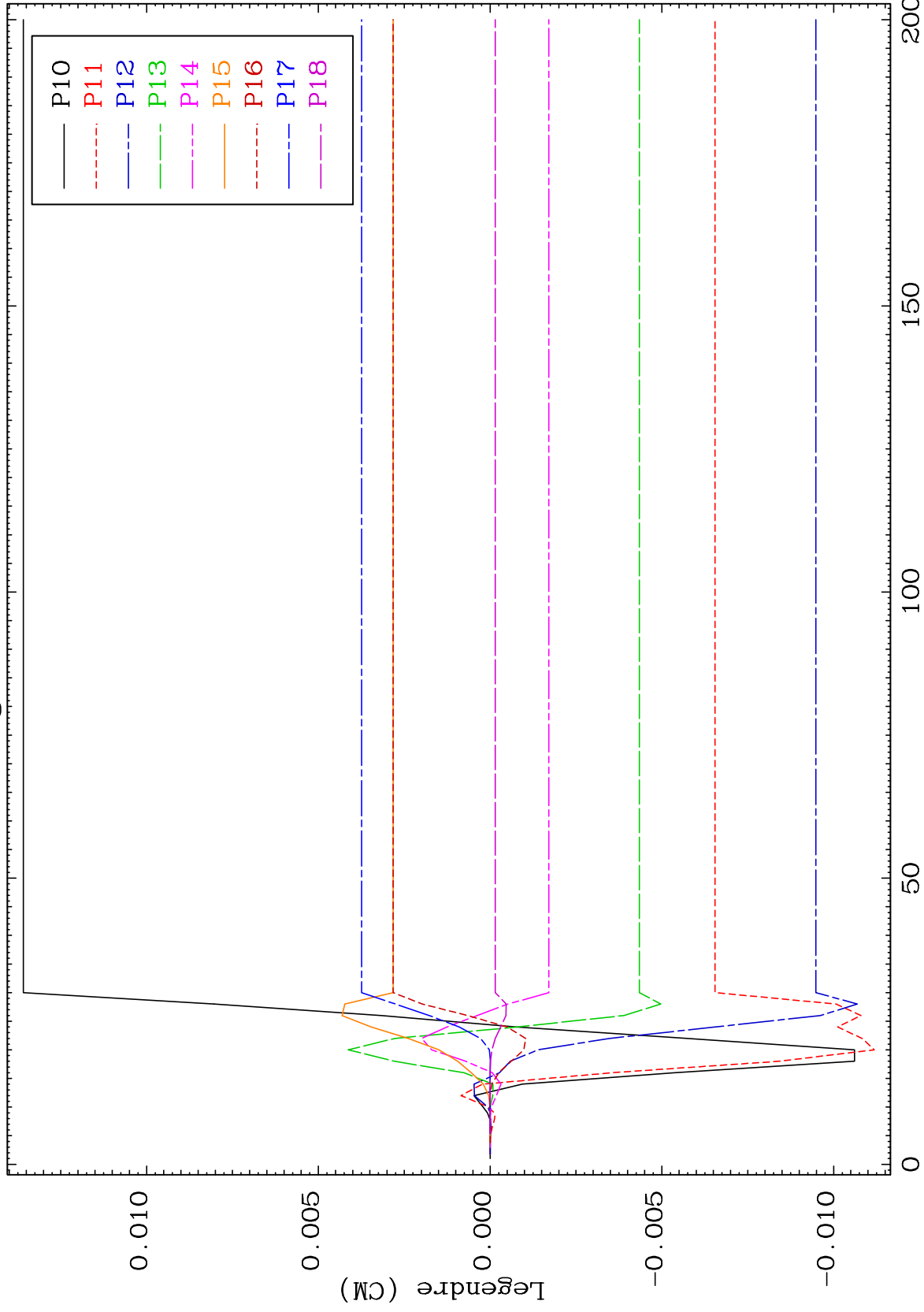
Incident Energy (MeV)

66-Dy-159

MAT 6634

543.4 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



93

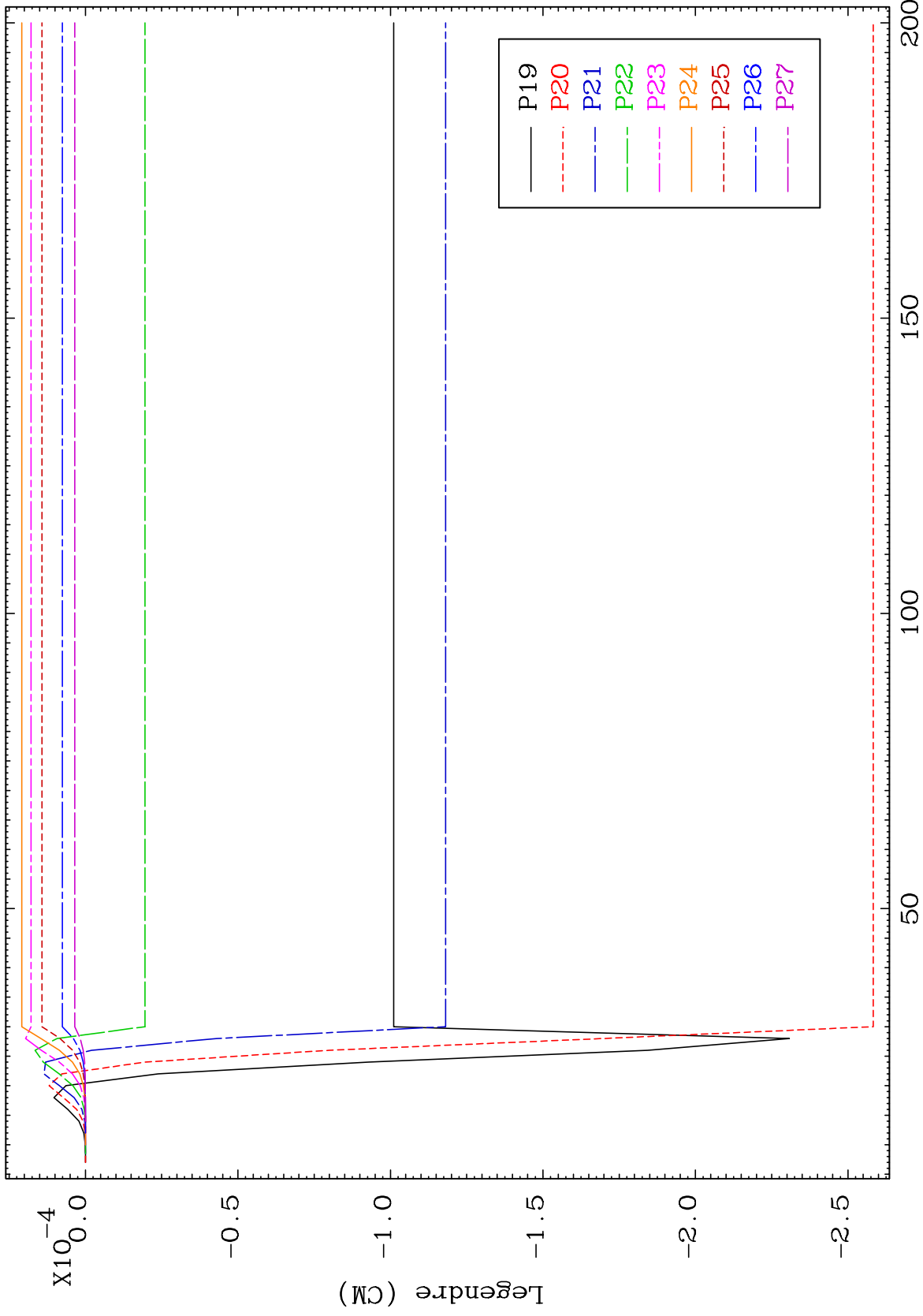
Incident Energy (MeV)

66-Dy-159

MAT 6634

543.4 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



94

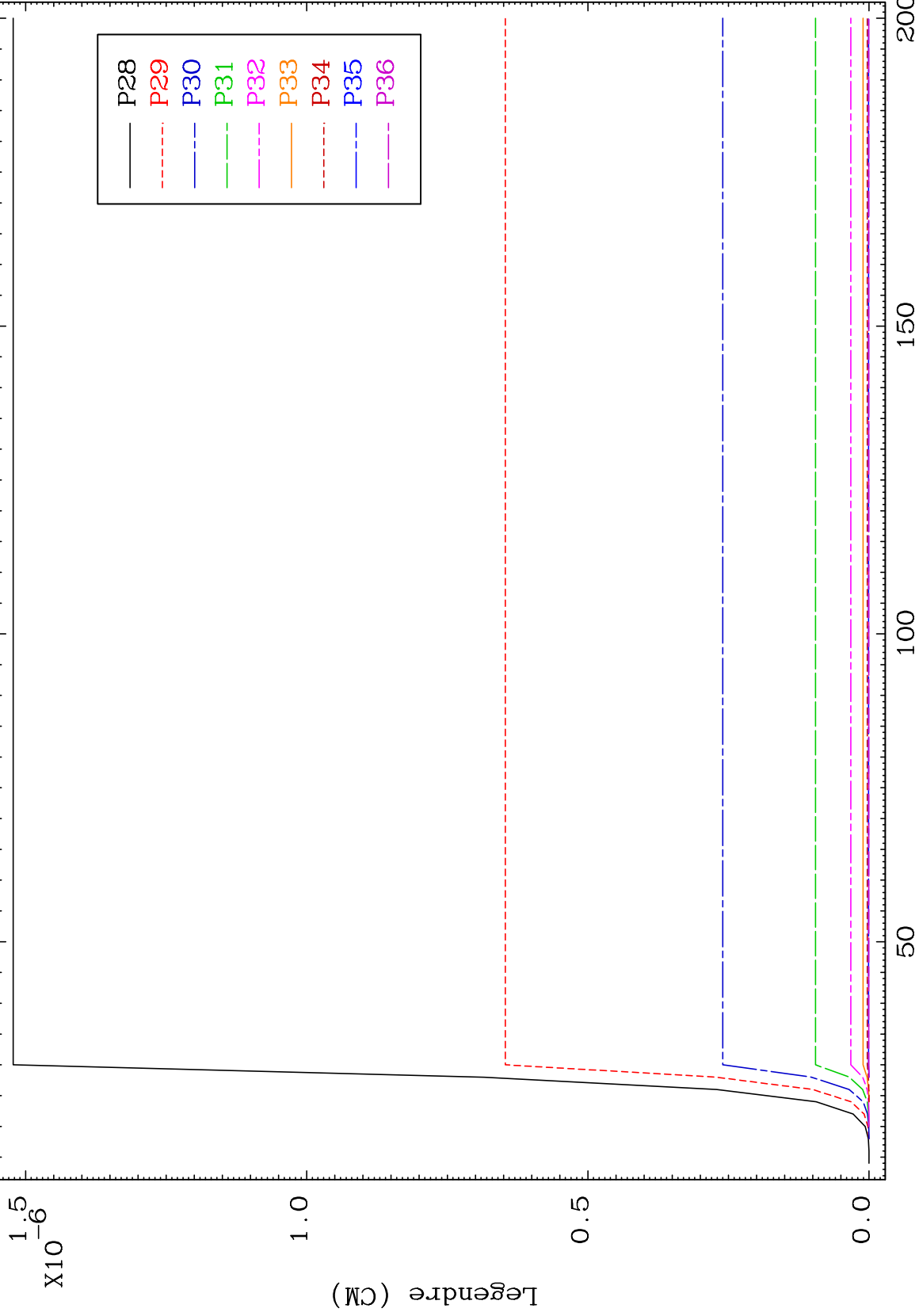
Incident Energy (MeV)

66-Dy-159

MAT 6634

543.4 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



95

Incident Energy (MeV)

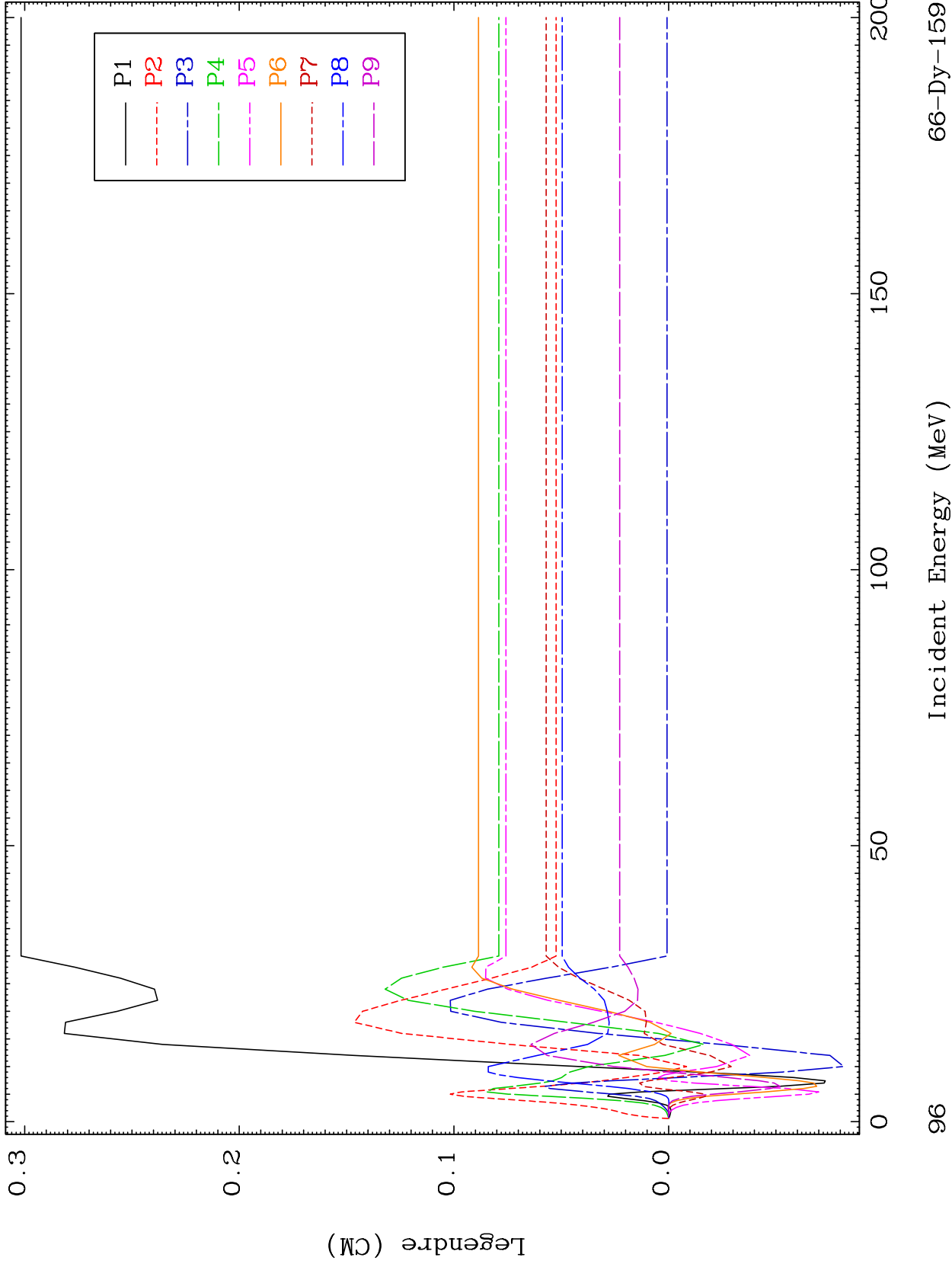
66-Dy-159



MAT 6634

549.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



66-Dy-159

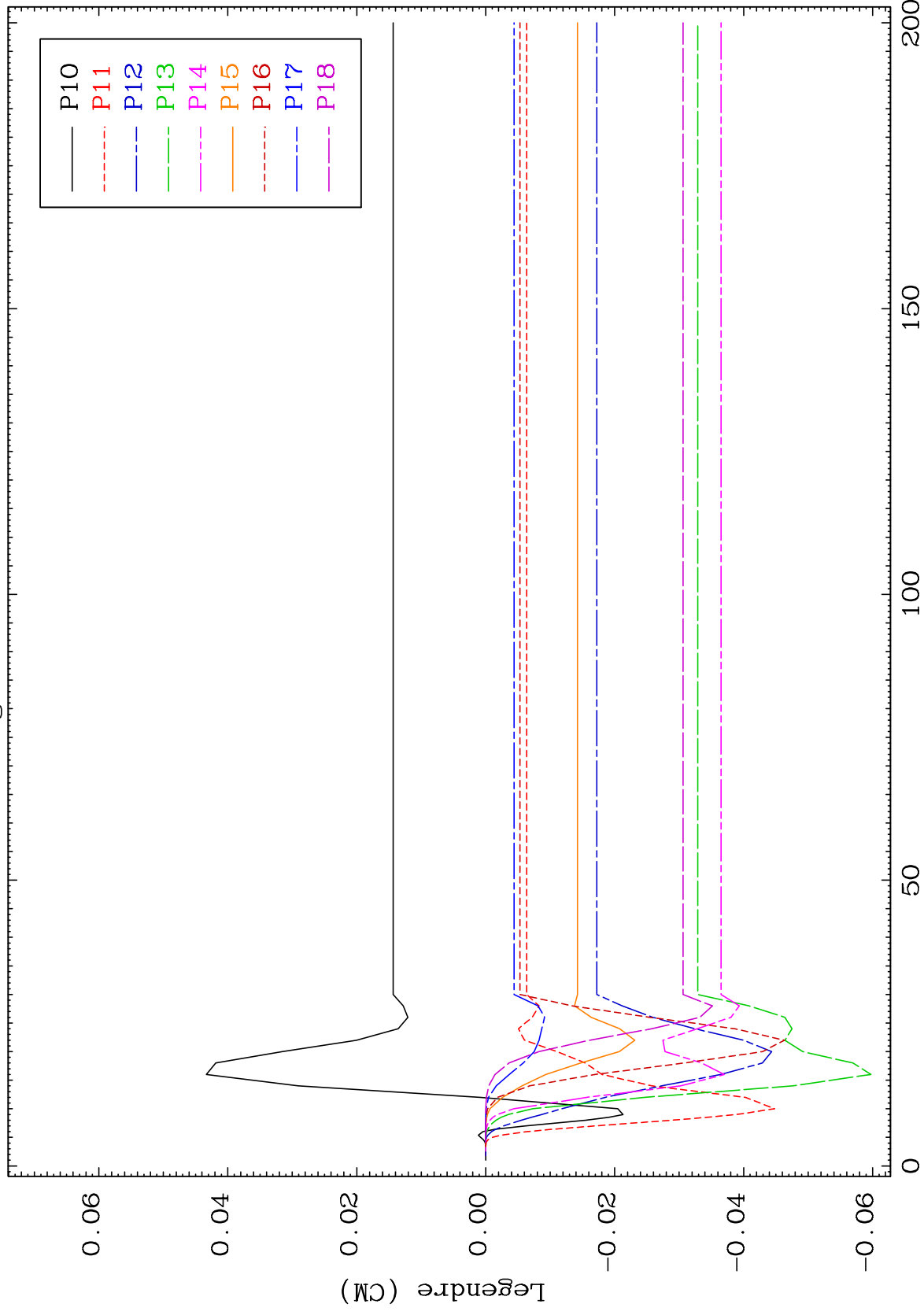
Incident Energy (MeV)

96

MAT 6634

549.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



97

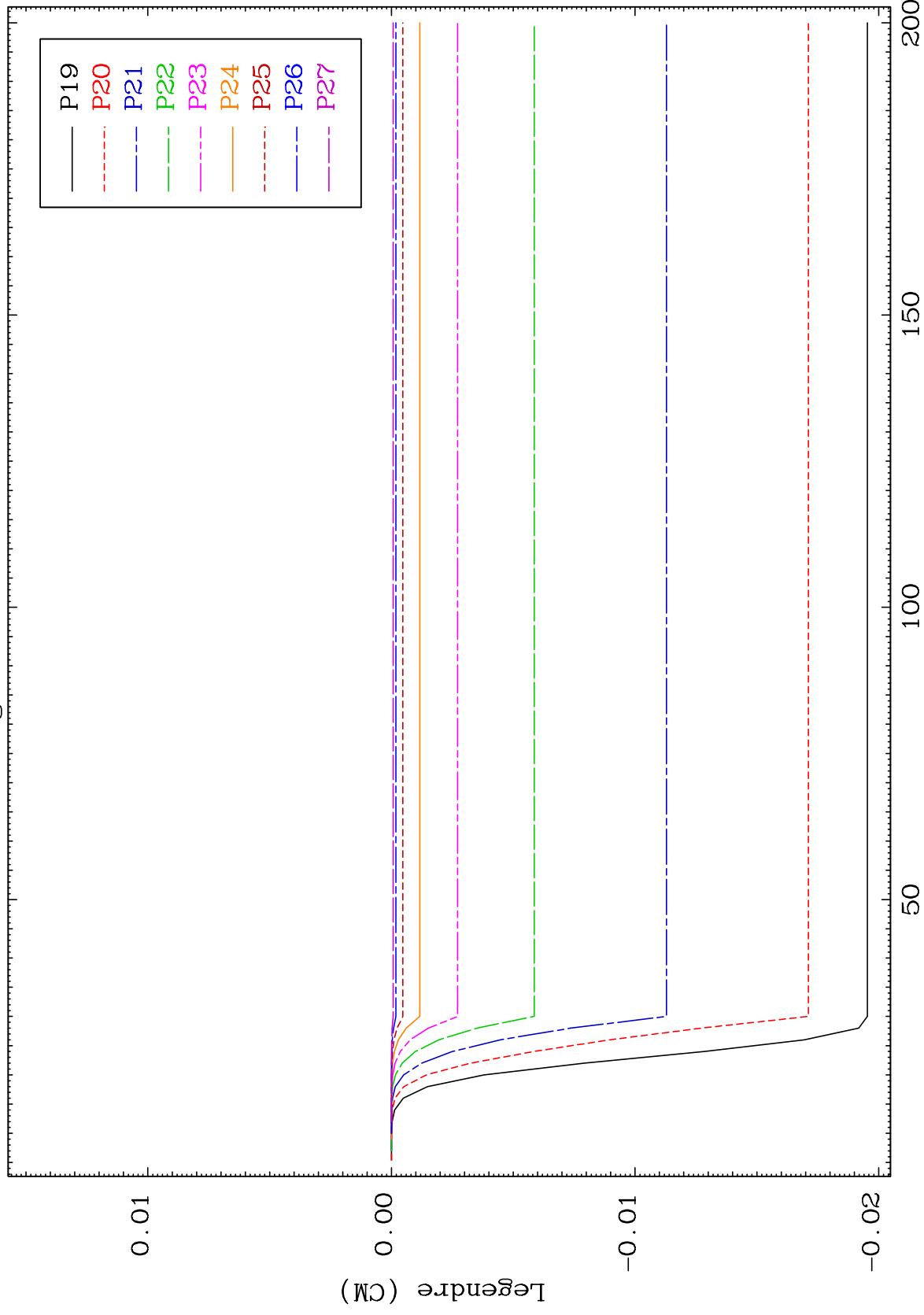
Incident Energy (MeV)

66-Dy-159

MAT 6634

549.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159

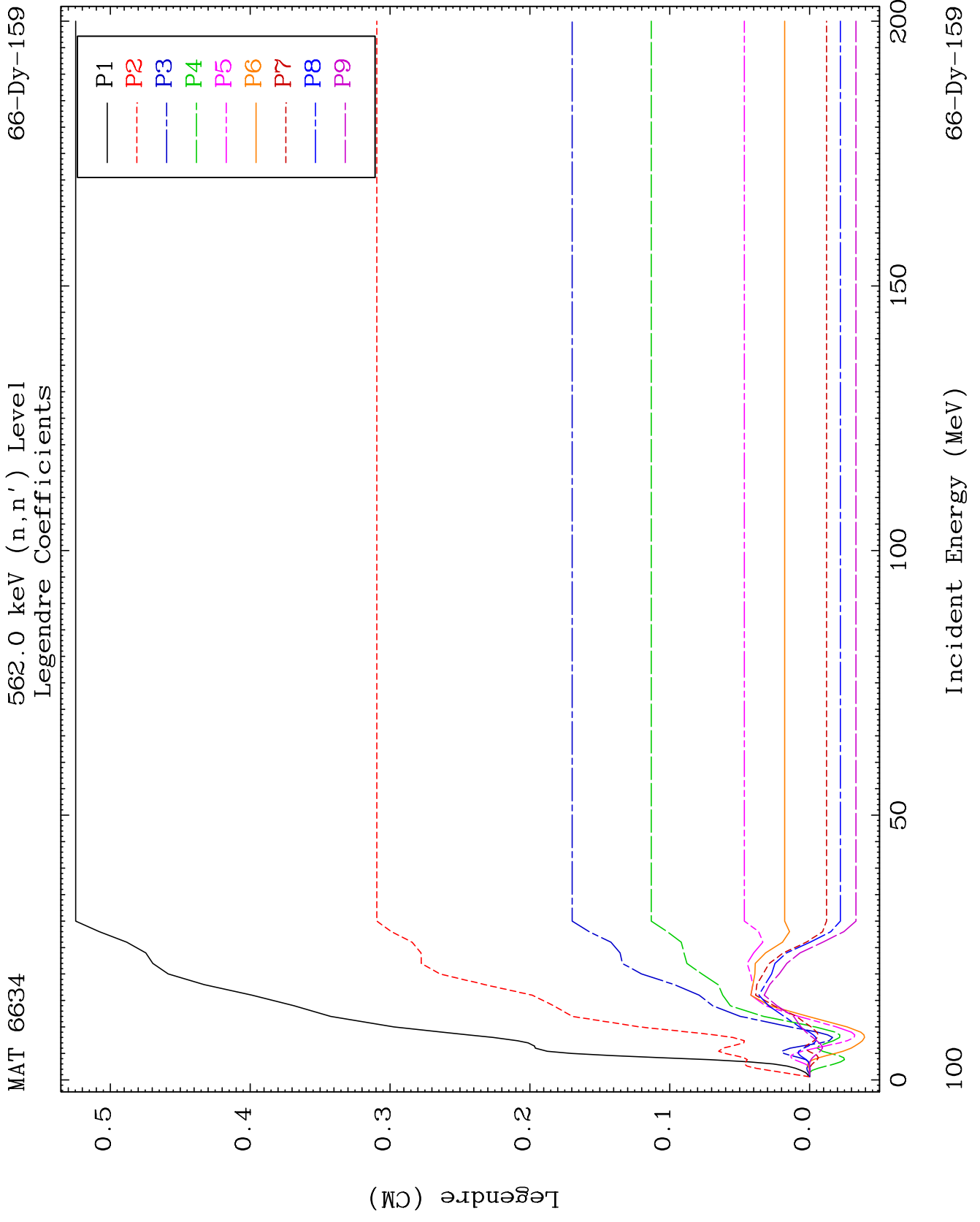


98

Incident Energy (MeV)

66-Dy-159

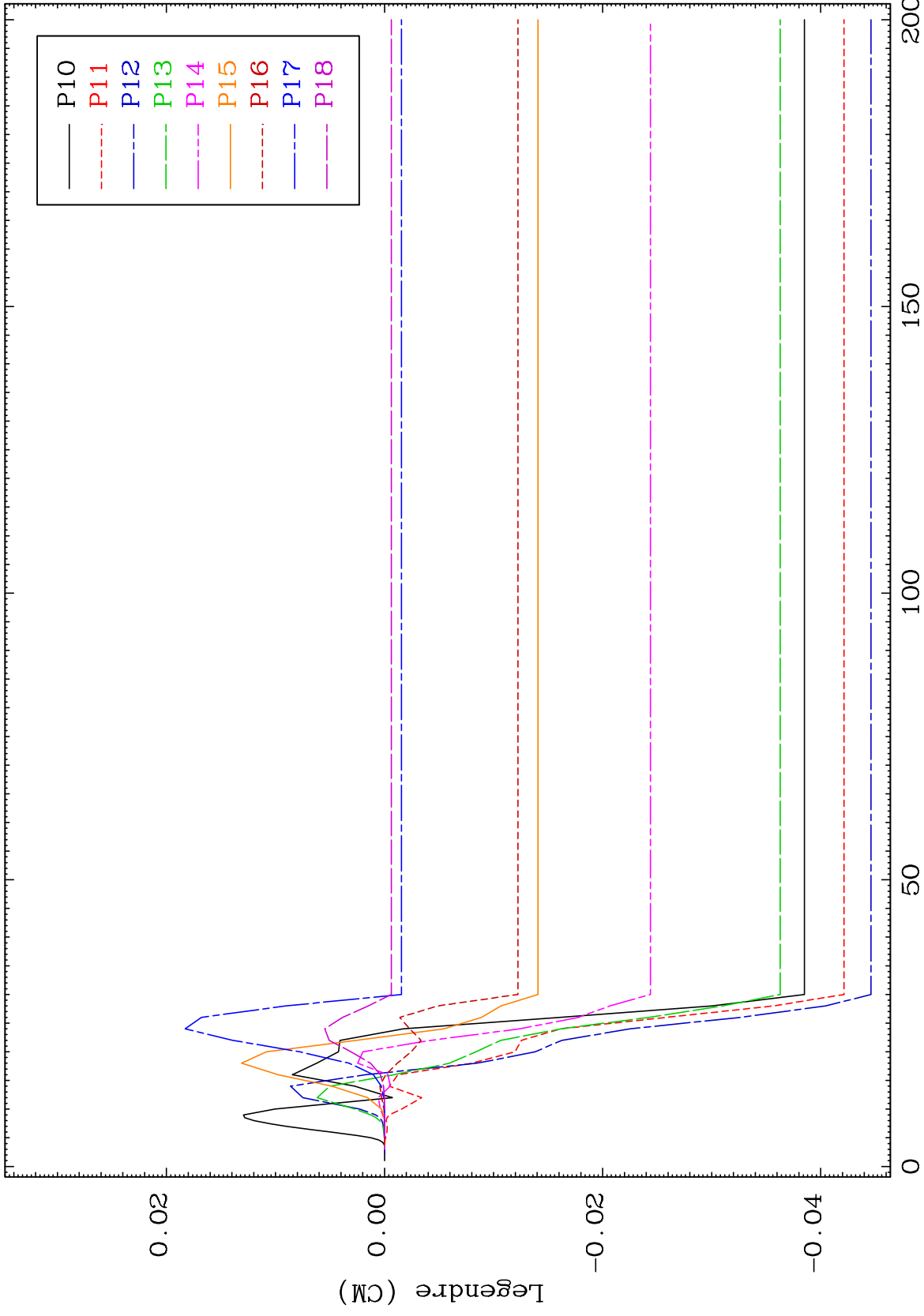




MAT 6634

562.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



101

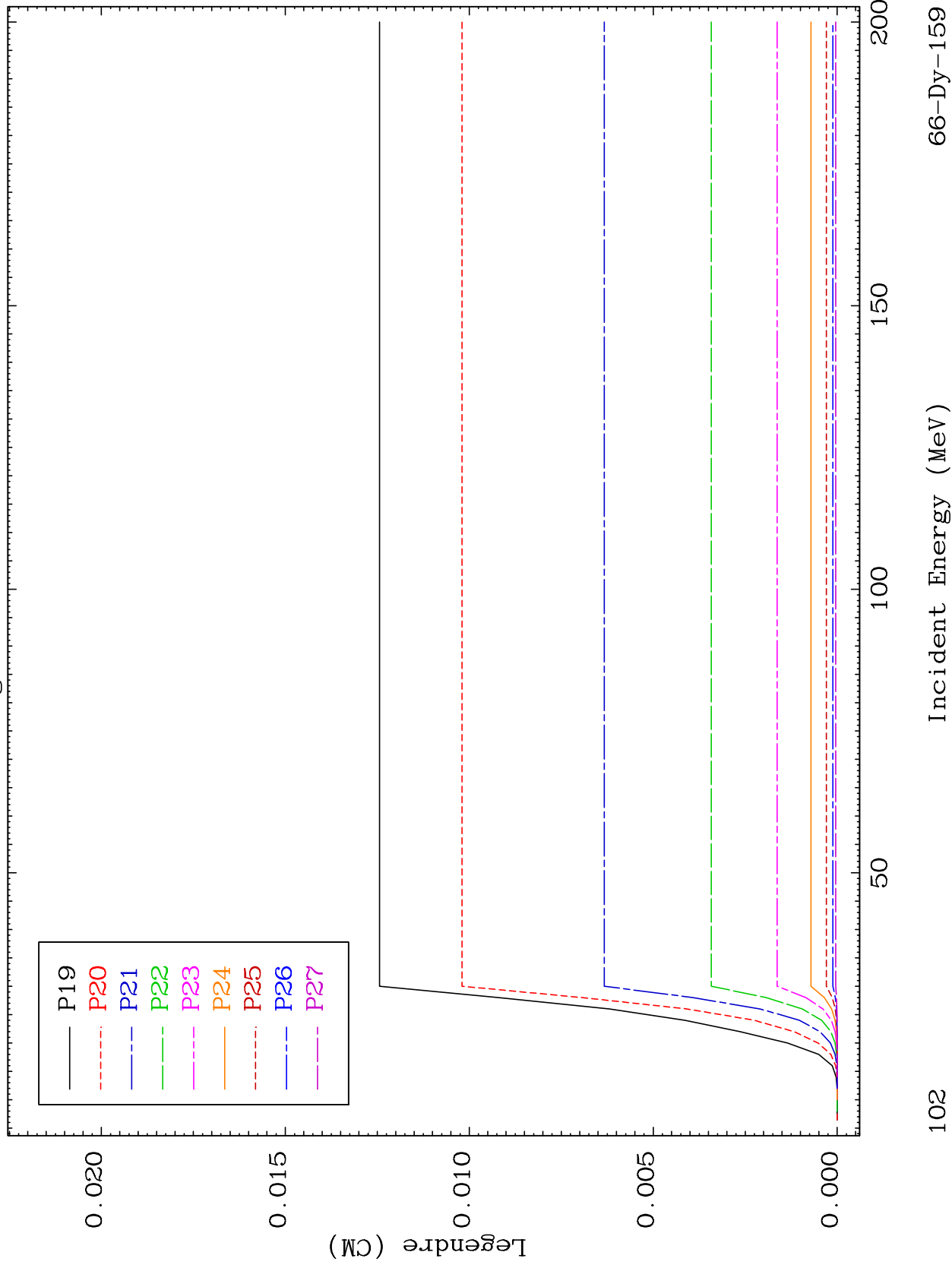
Incident Energy (MeV)

66-Dy-159

MAT 6634

562.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



102

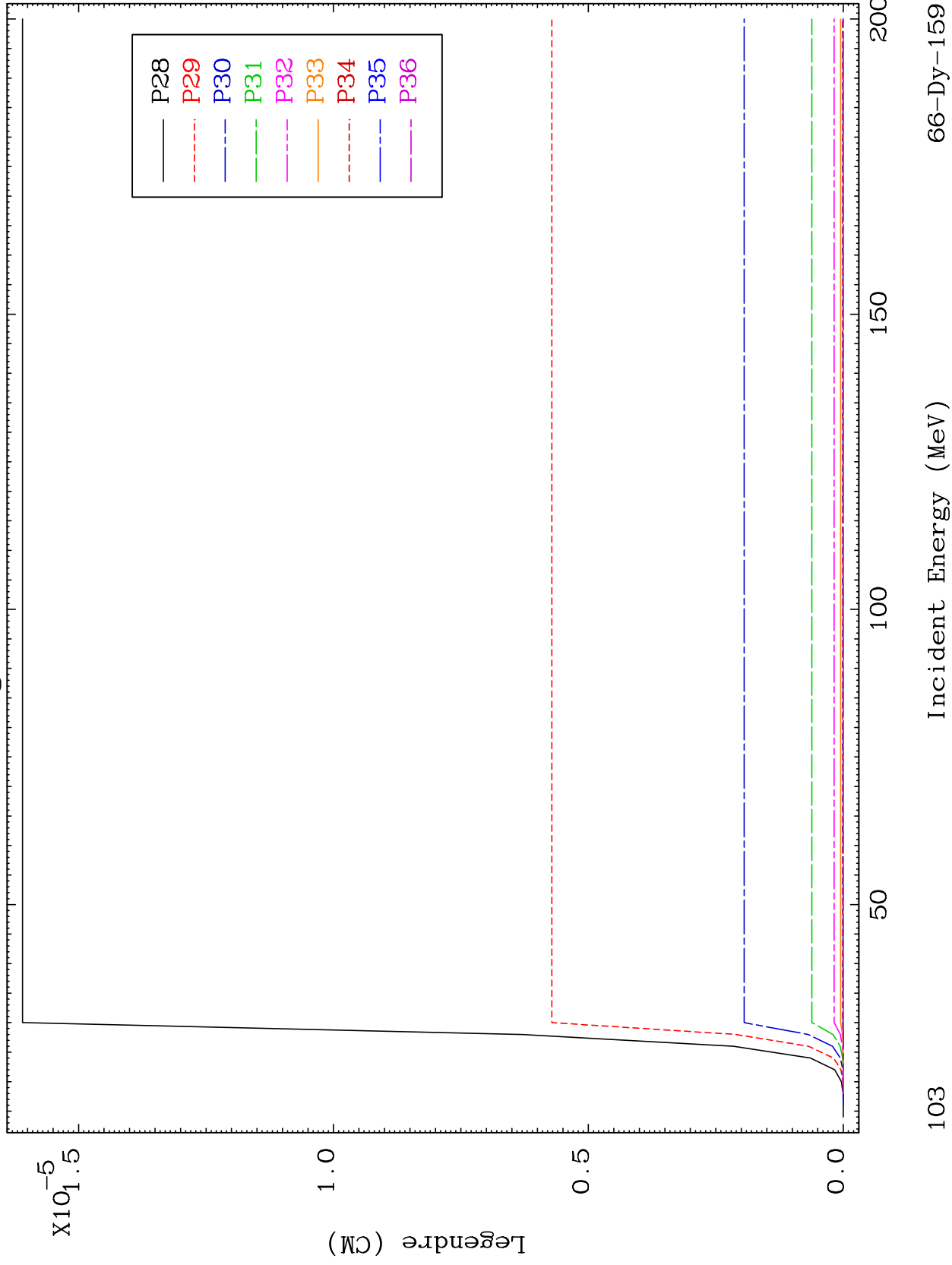
Incident Energy (MeV)

66-Dy-159

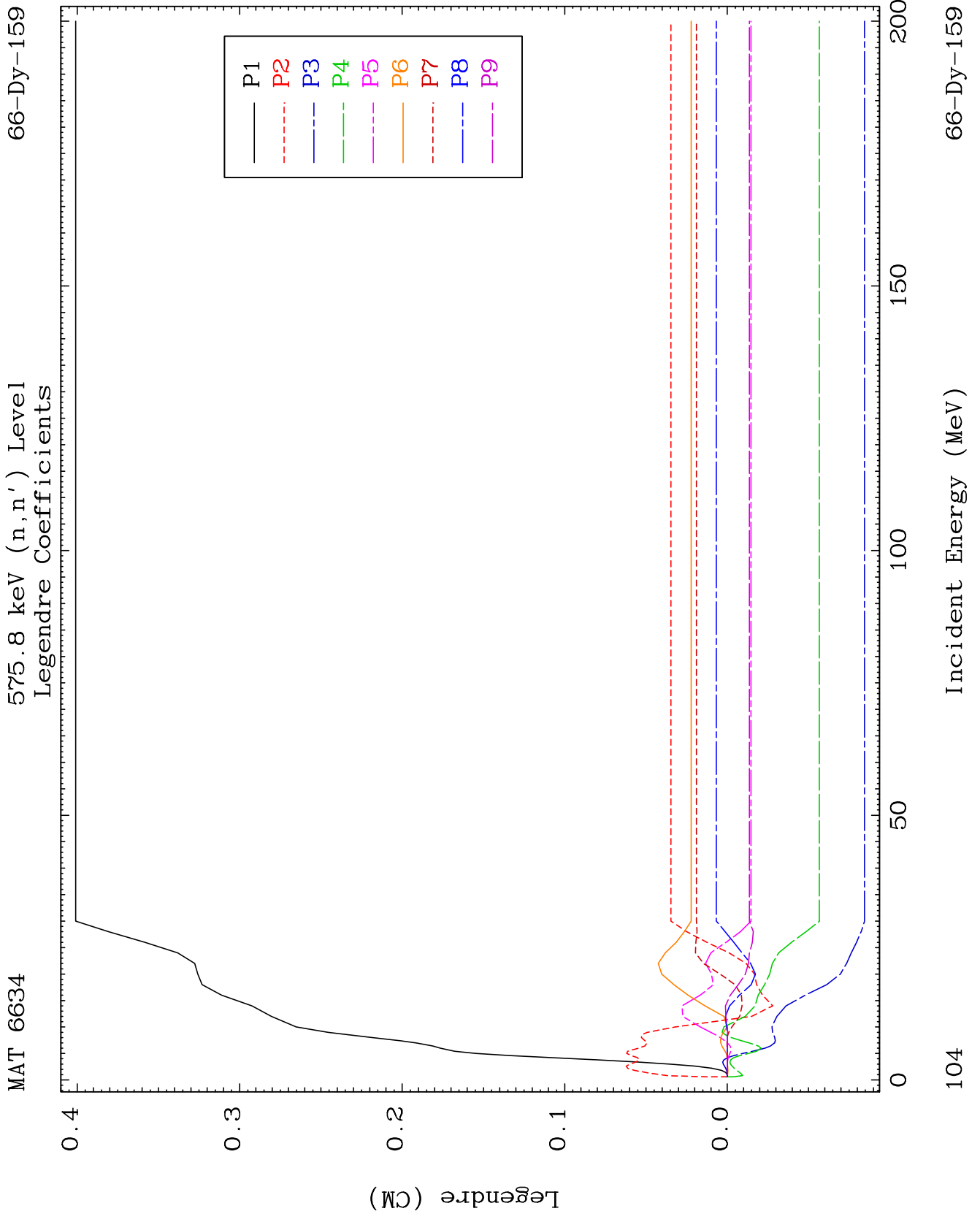
MAT 6634

562.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159

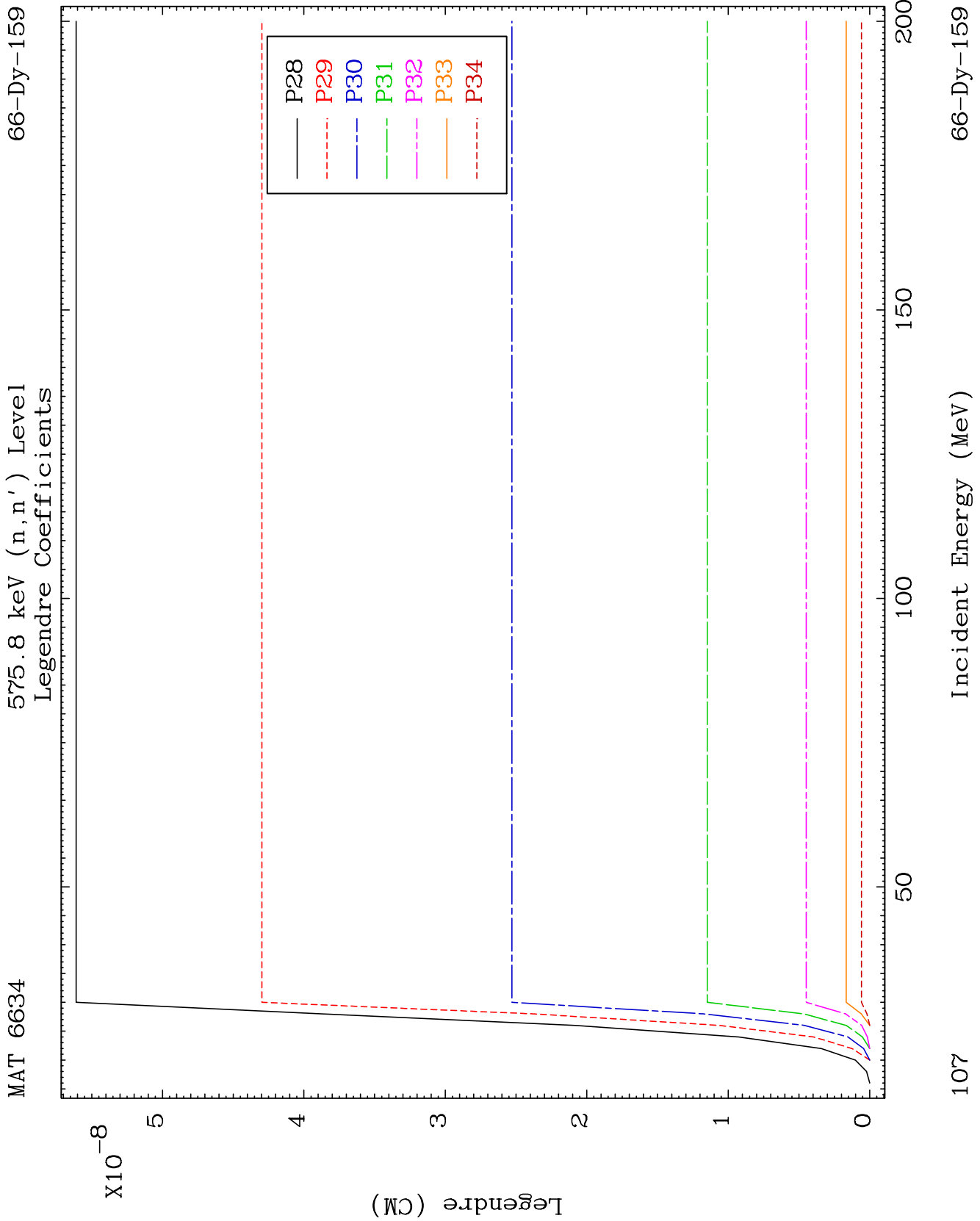








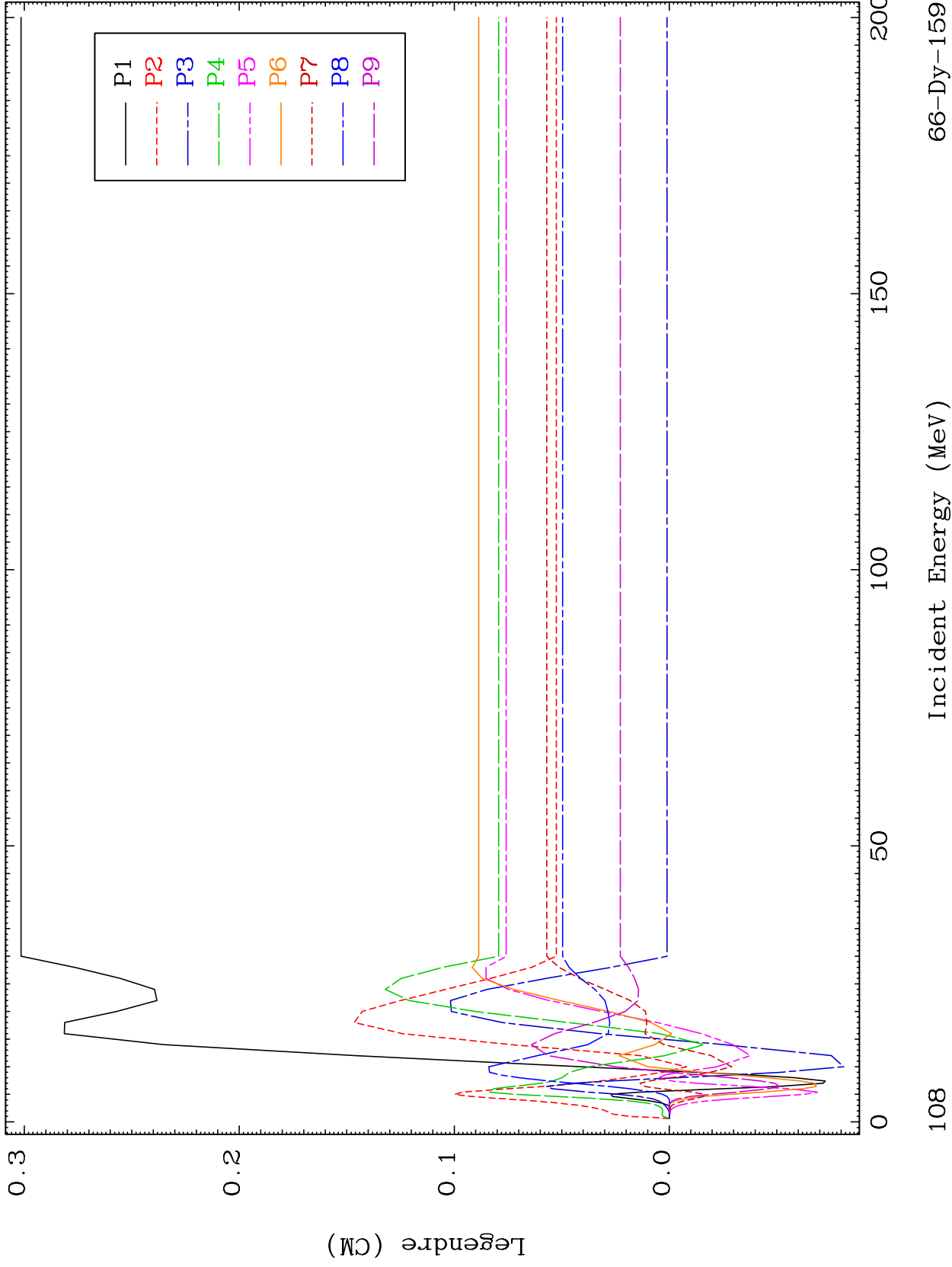




MAT 6634

586.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



66-Dy-159

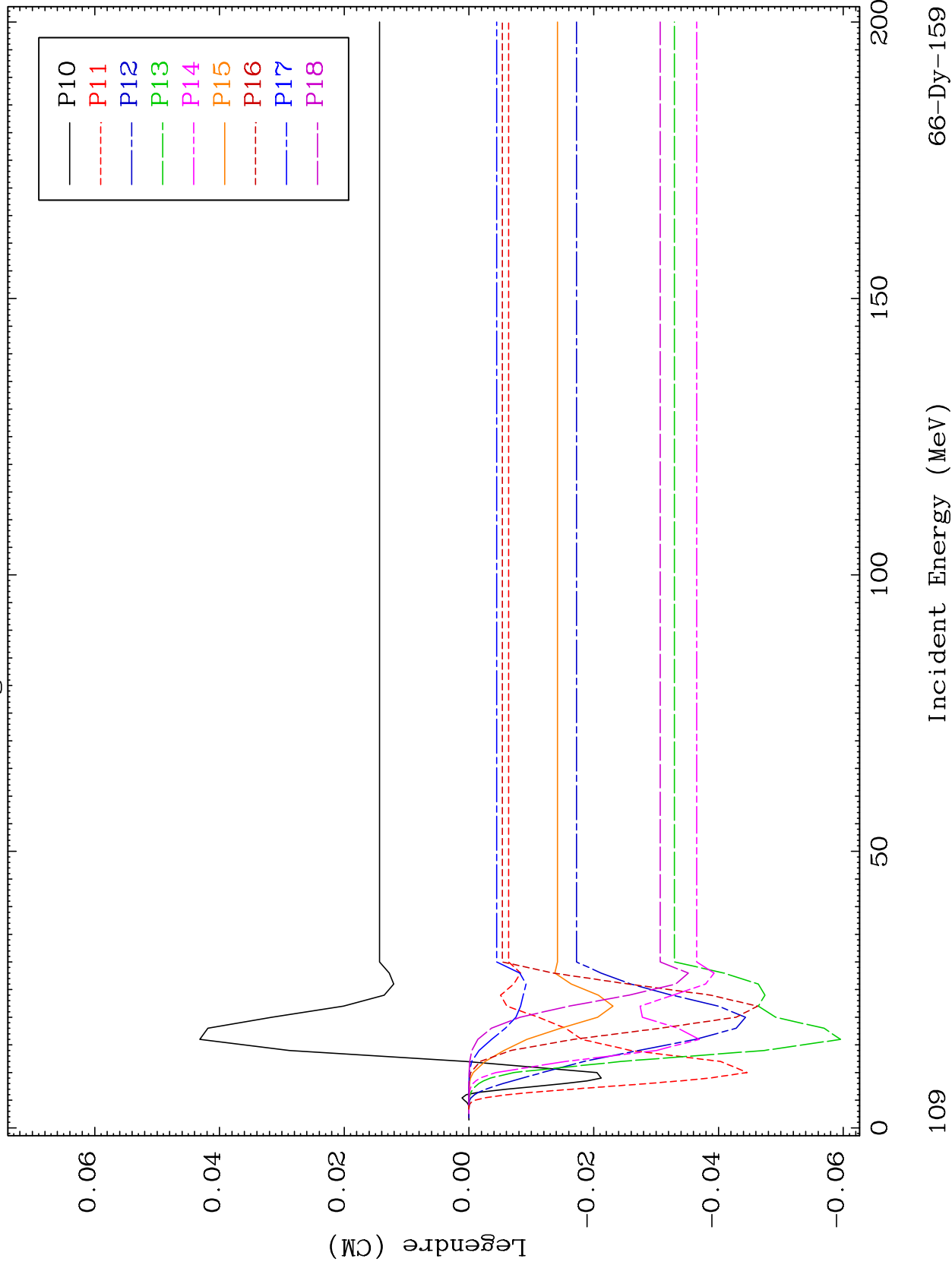
Incident Energy (MeV)

108

MAT 6634

586.0 keV (n,n') Level  
Legendre Coefficients

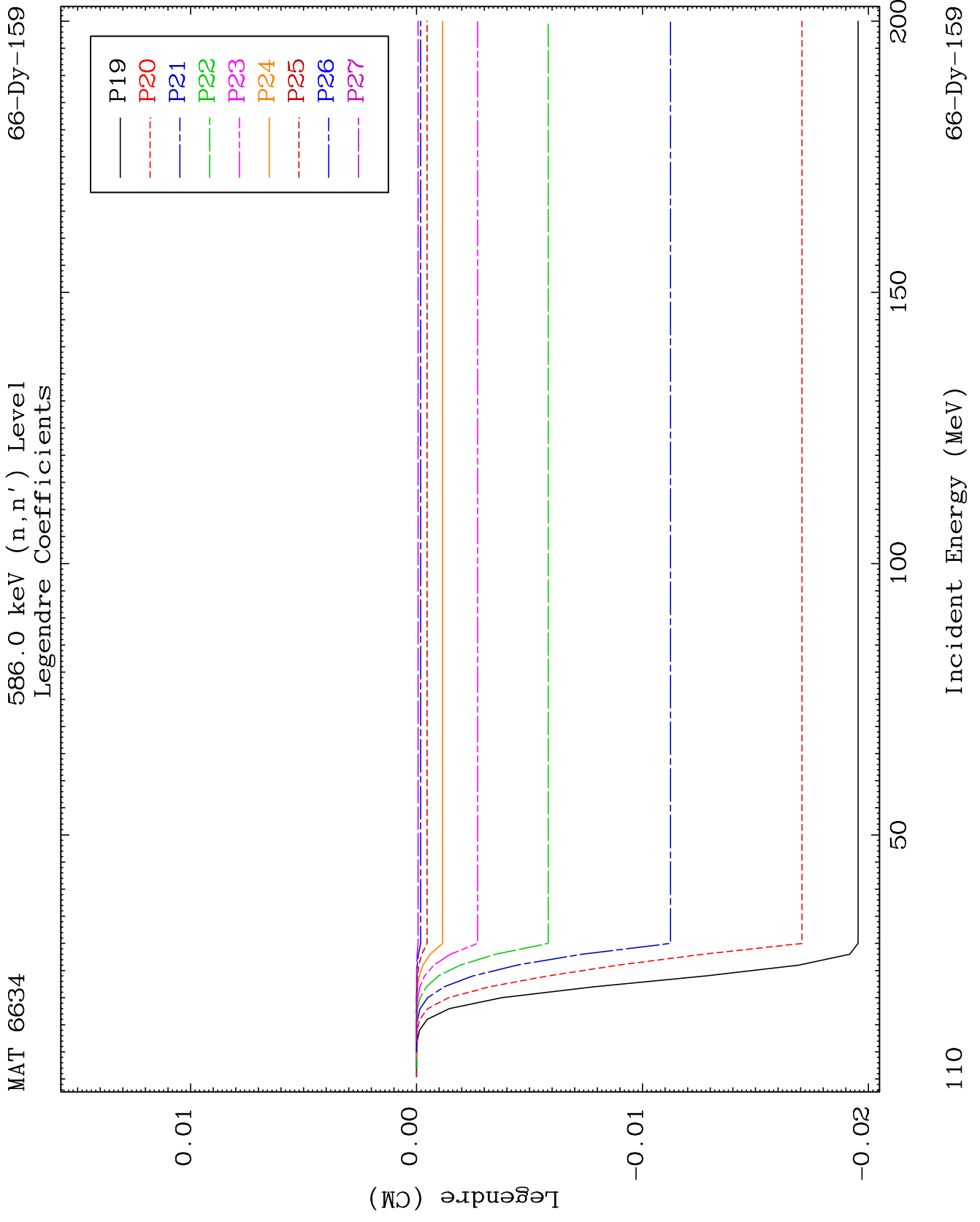
66-Dy-159

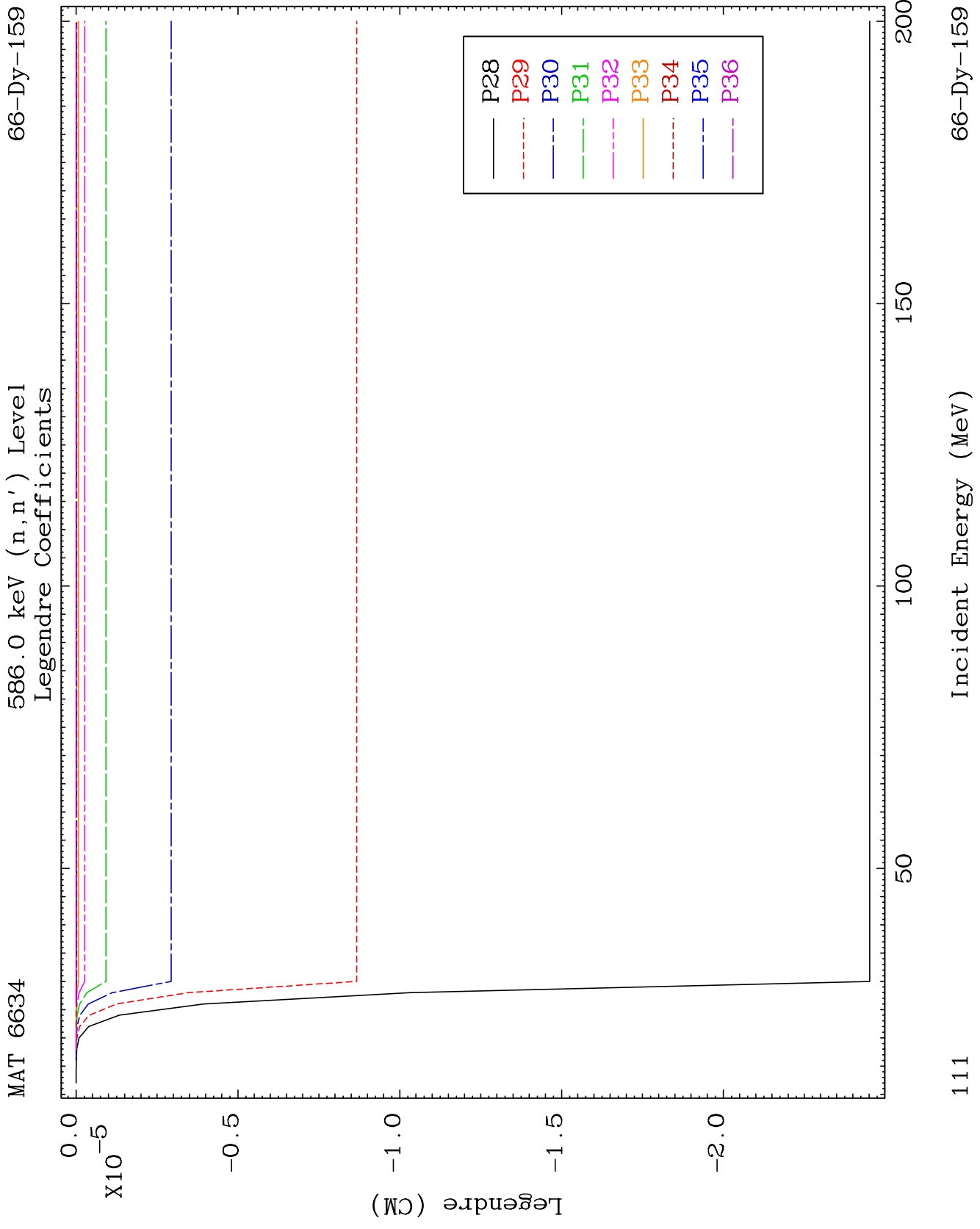


66-Dy-159

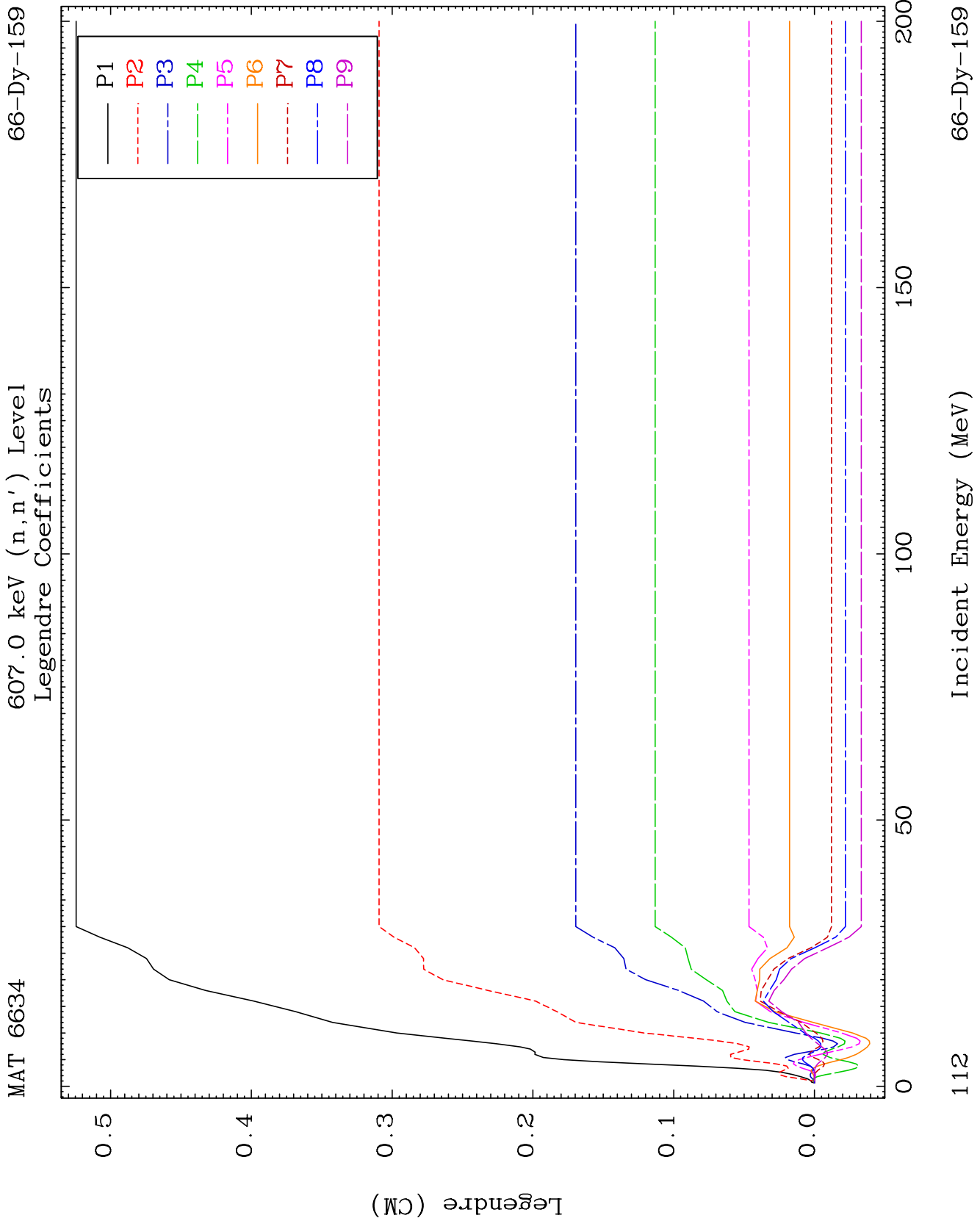
Incident Energy (MeV)

109





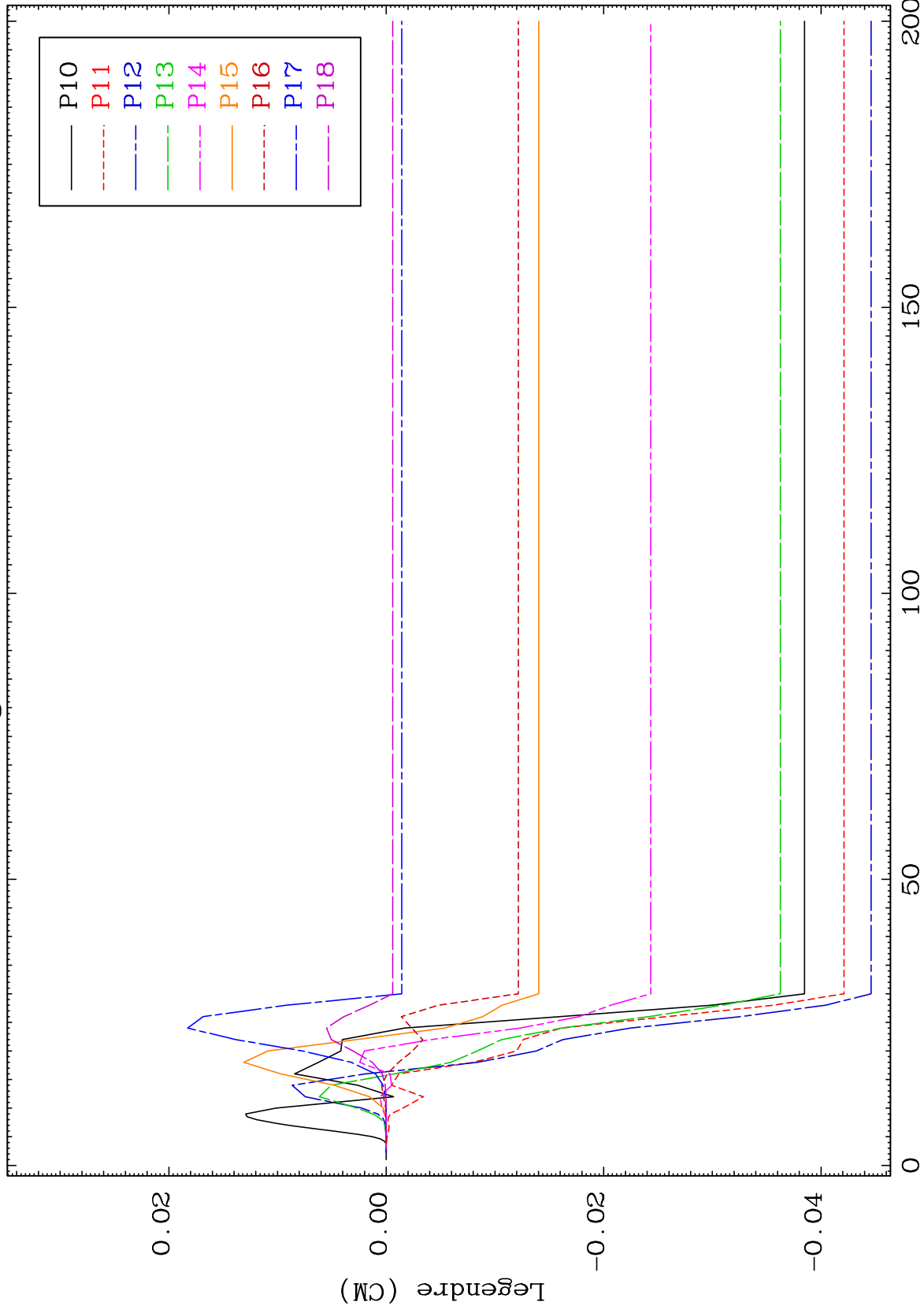




MAT 6634

607.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



113

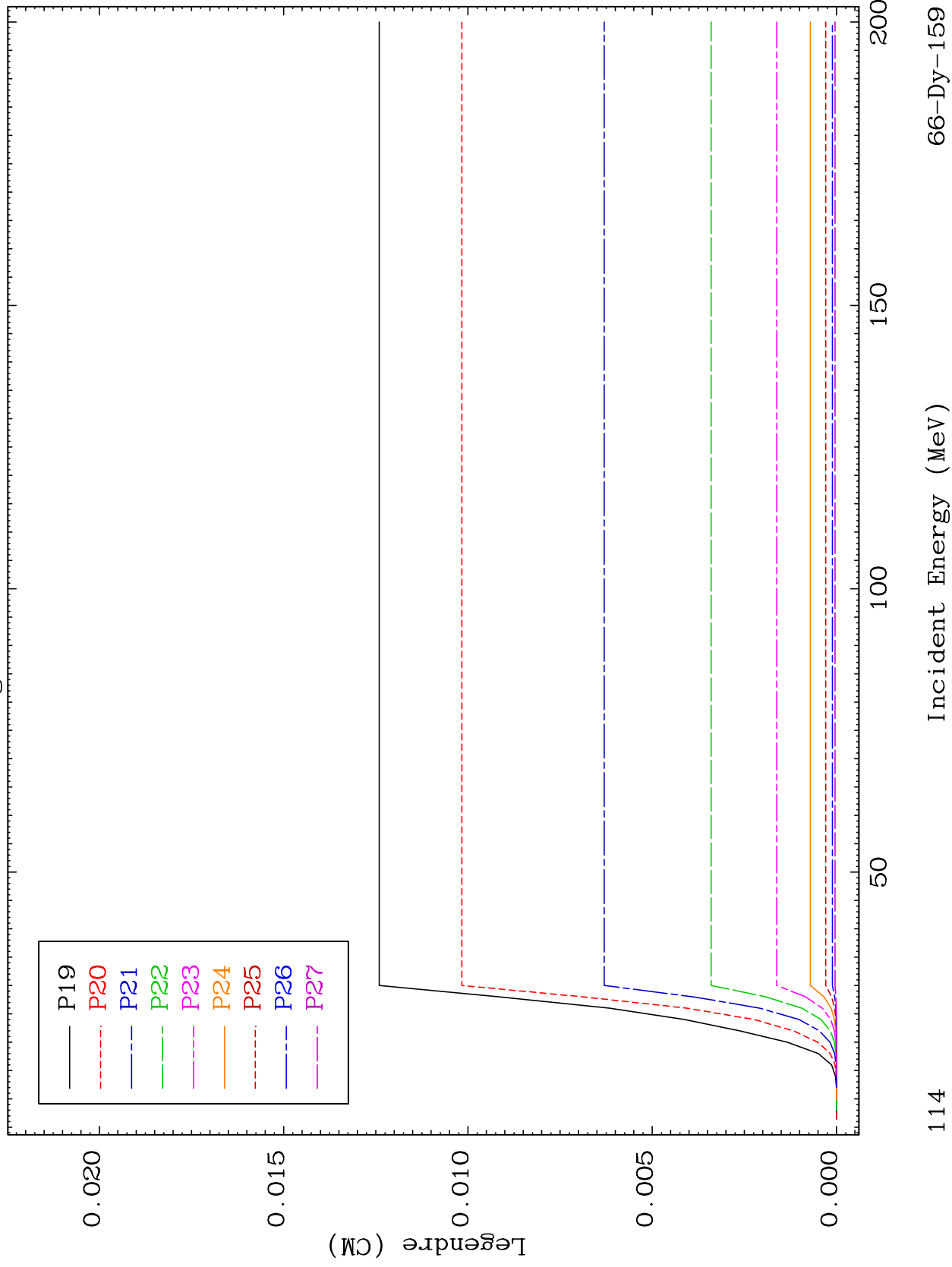
Incident Energy (MeV)

66-Dy-159

MAT 6634

607.0 keV (n,n') Level  
Legendre Coefficients

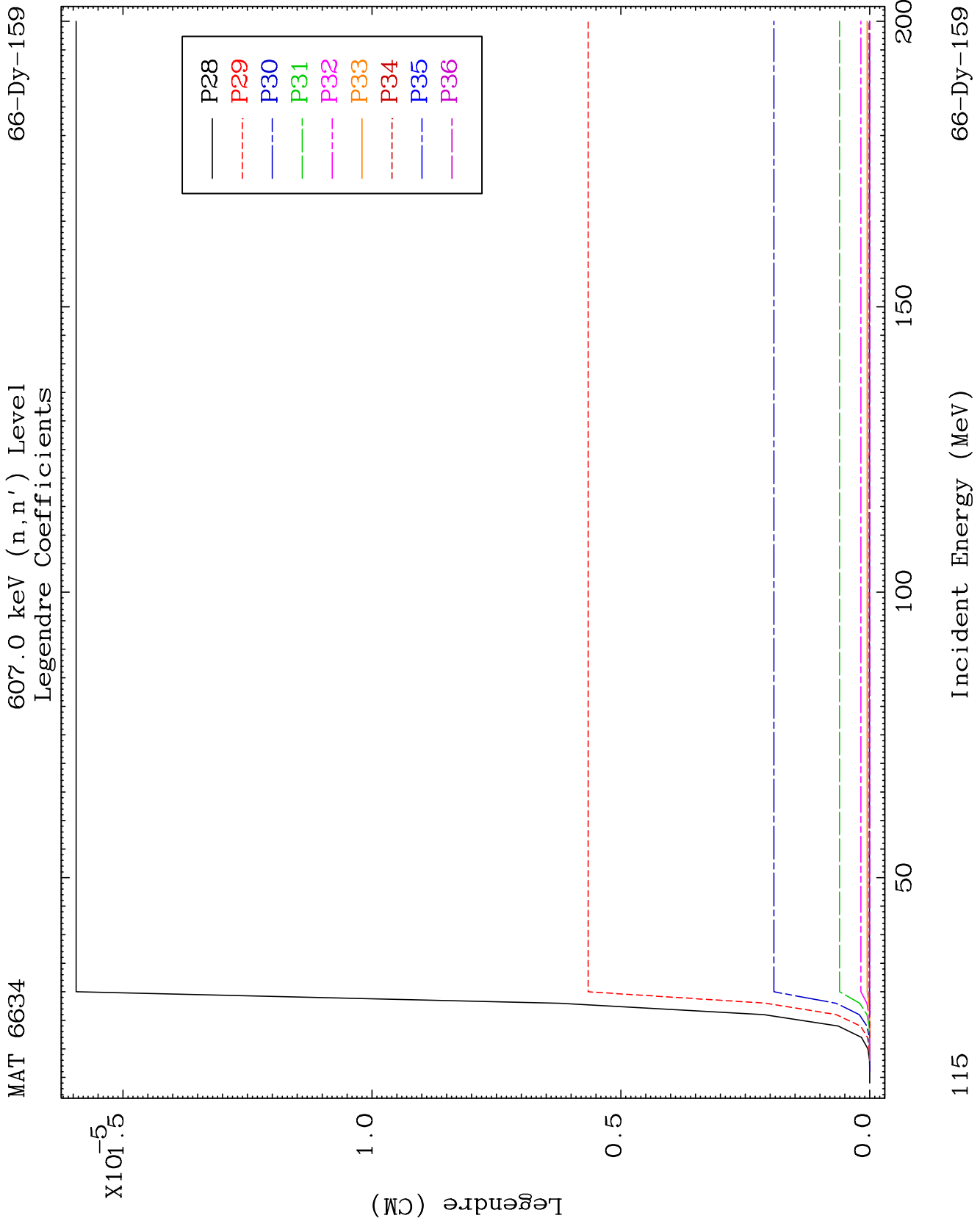
66-Dy-159



114

Incident Energy (MeV)

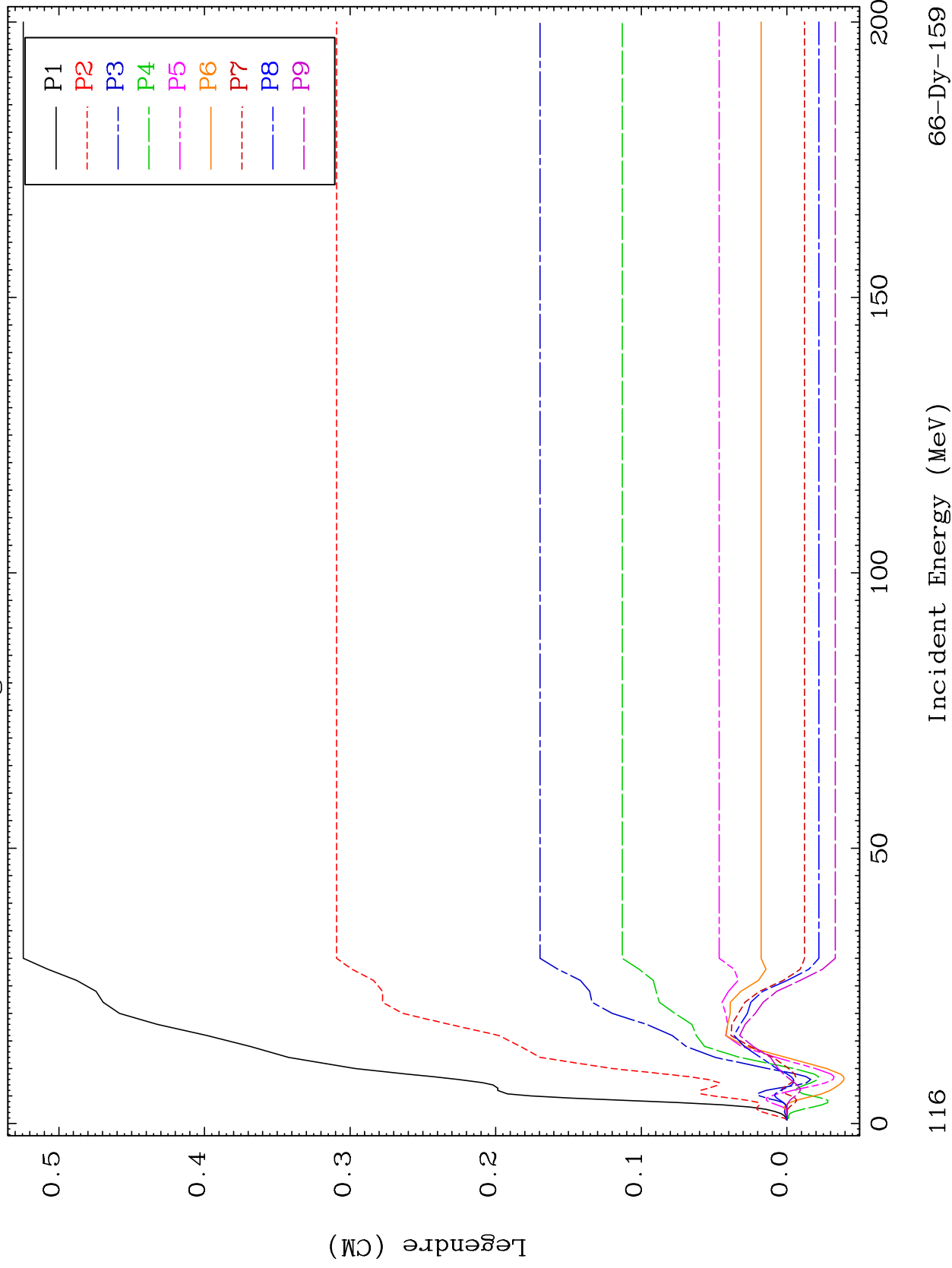
66-Dy-159



MAT 6634

621.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



66-Dy-159

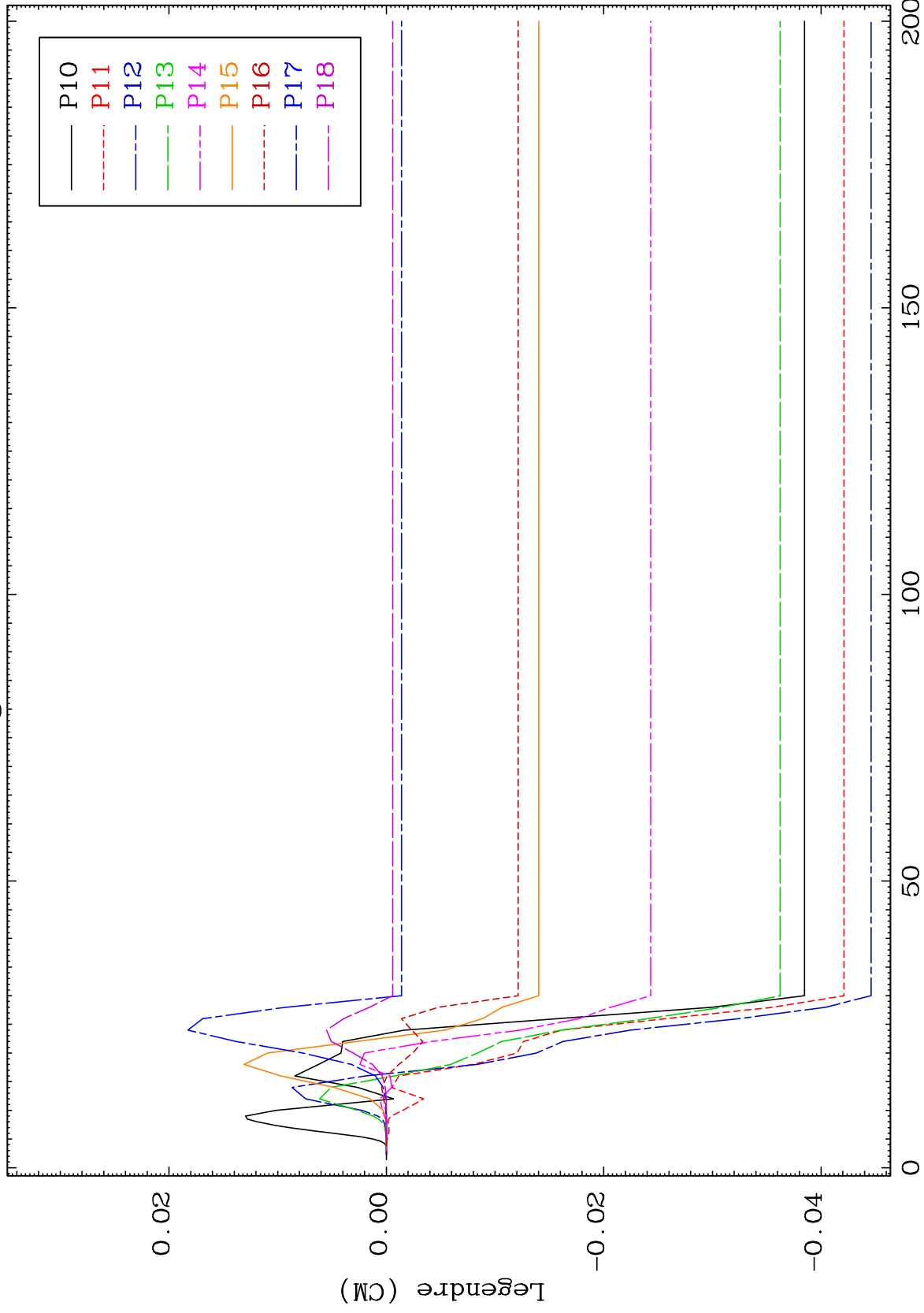
Incident Energy (MeV)

116

MAT 6634

621.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



117

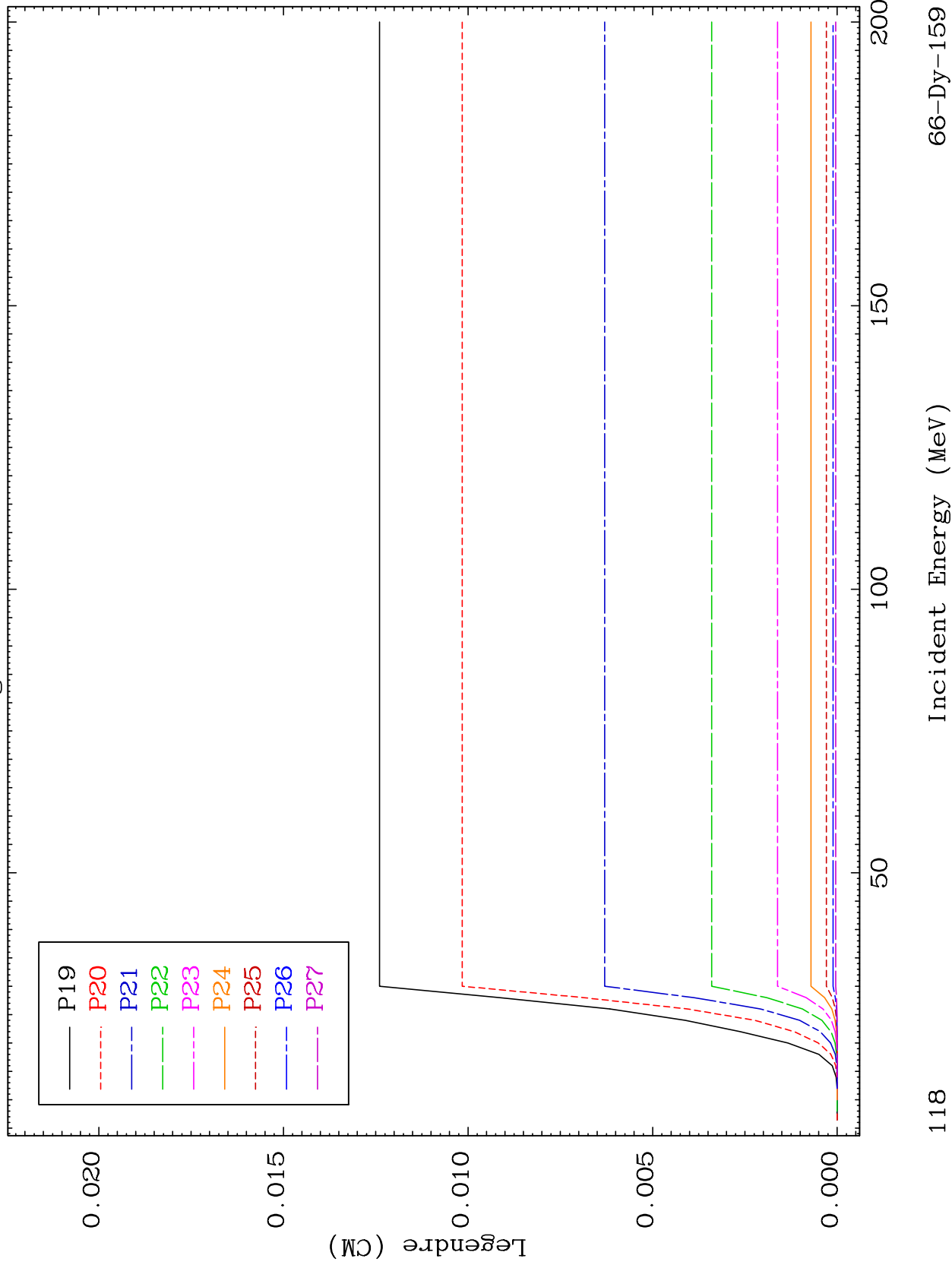
Incident Energy (MeV)

66-Dy-159

MAT 6634

621.0 keV (n,n') Level  
Legendre Coefficients

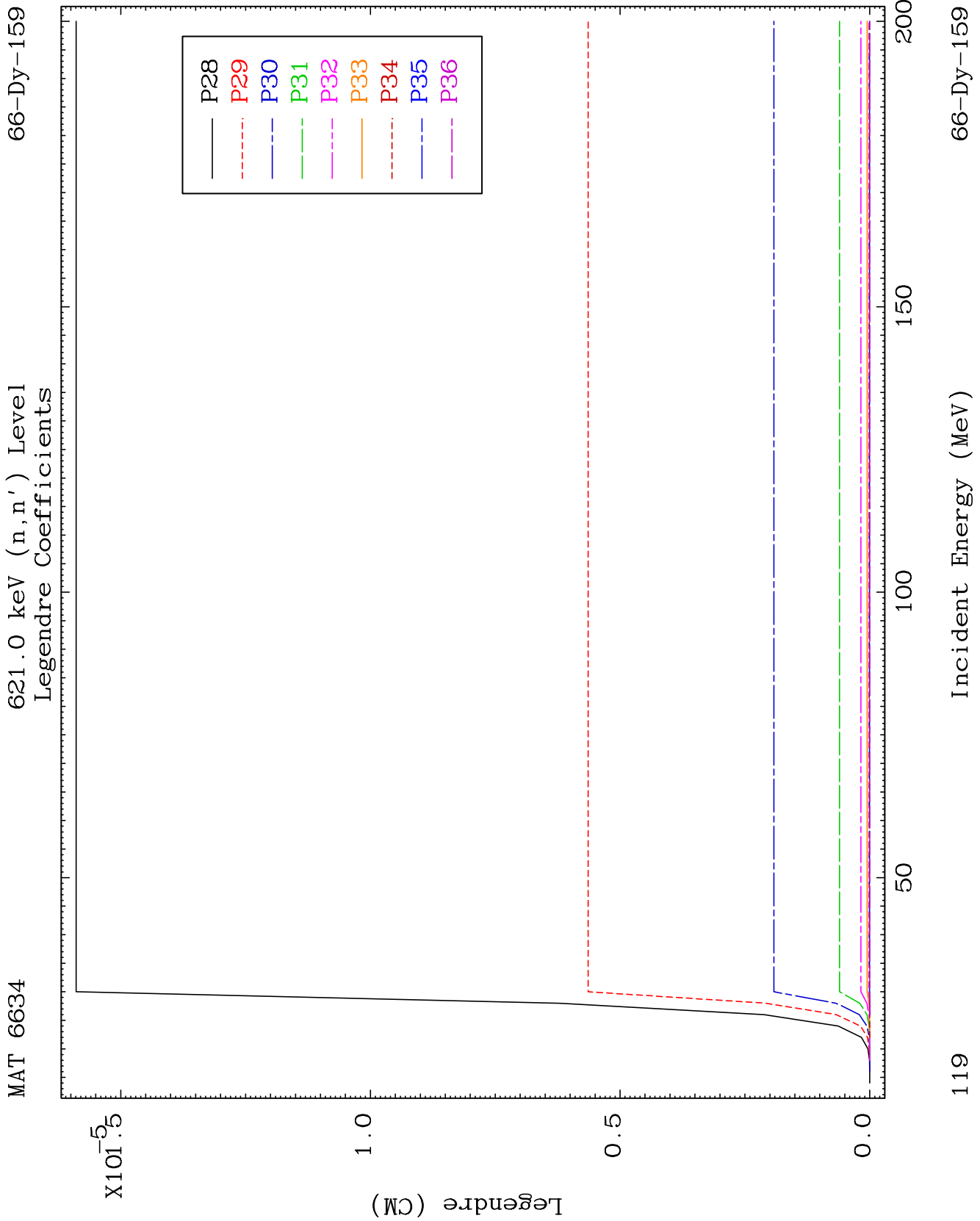
66-Dy-159



118

Incident Energy (MeV)

66-Dy-159



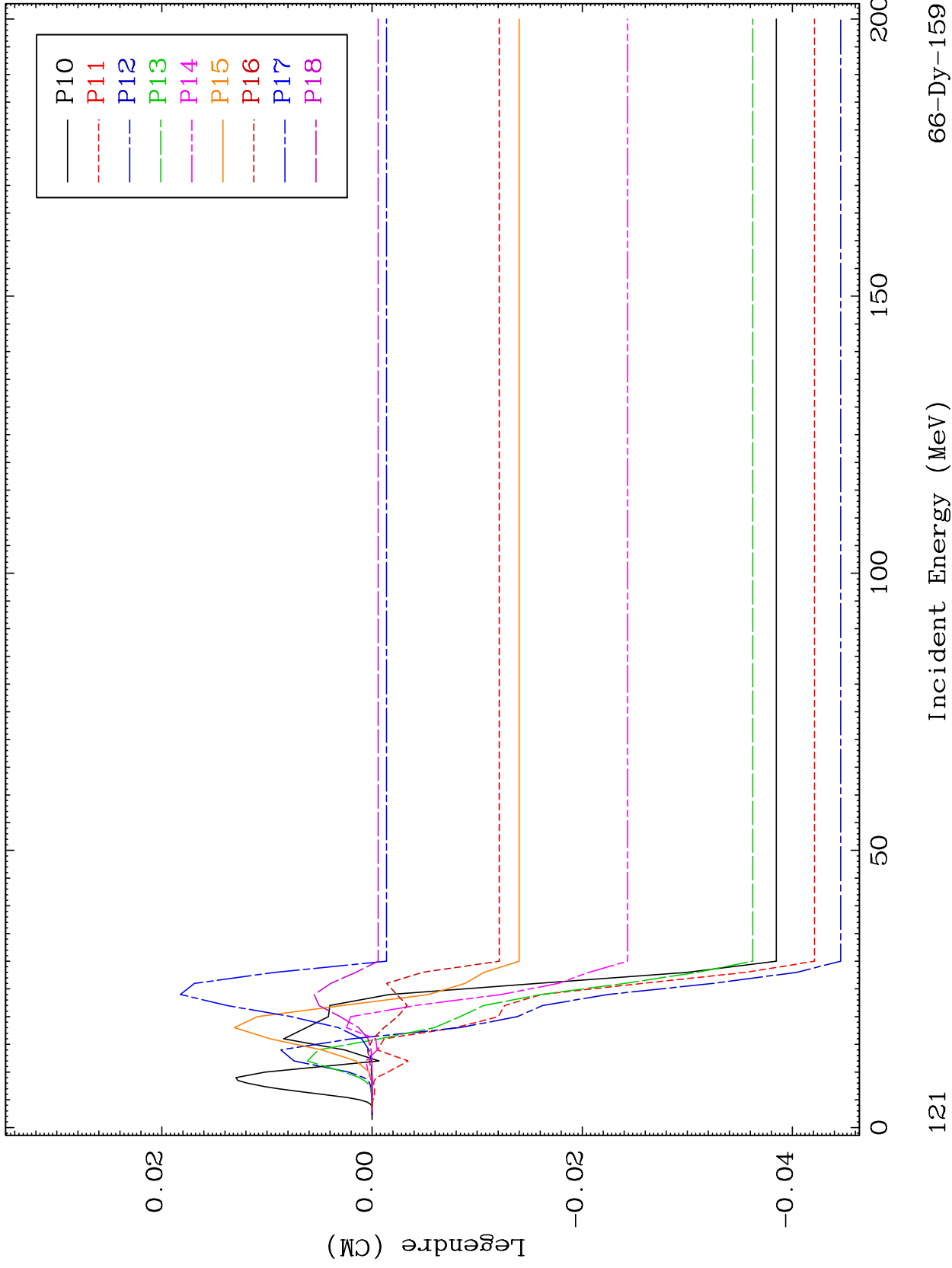




MAT 6634

627.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159

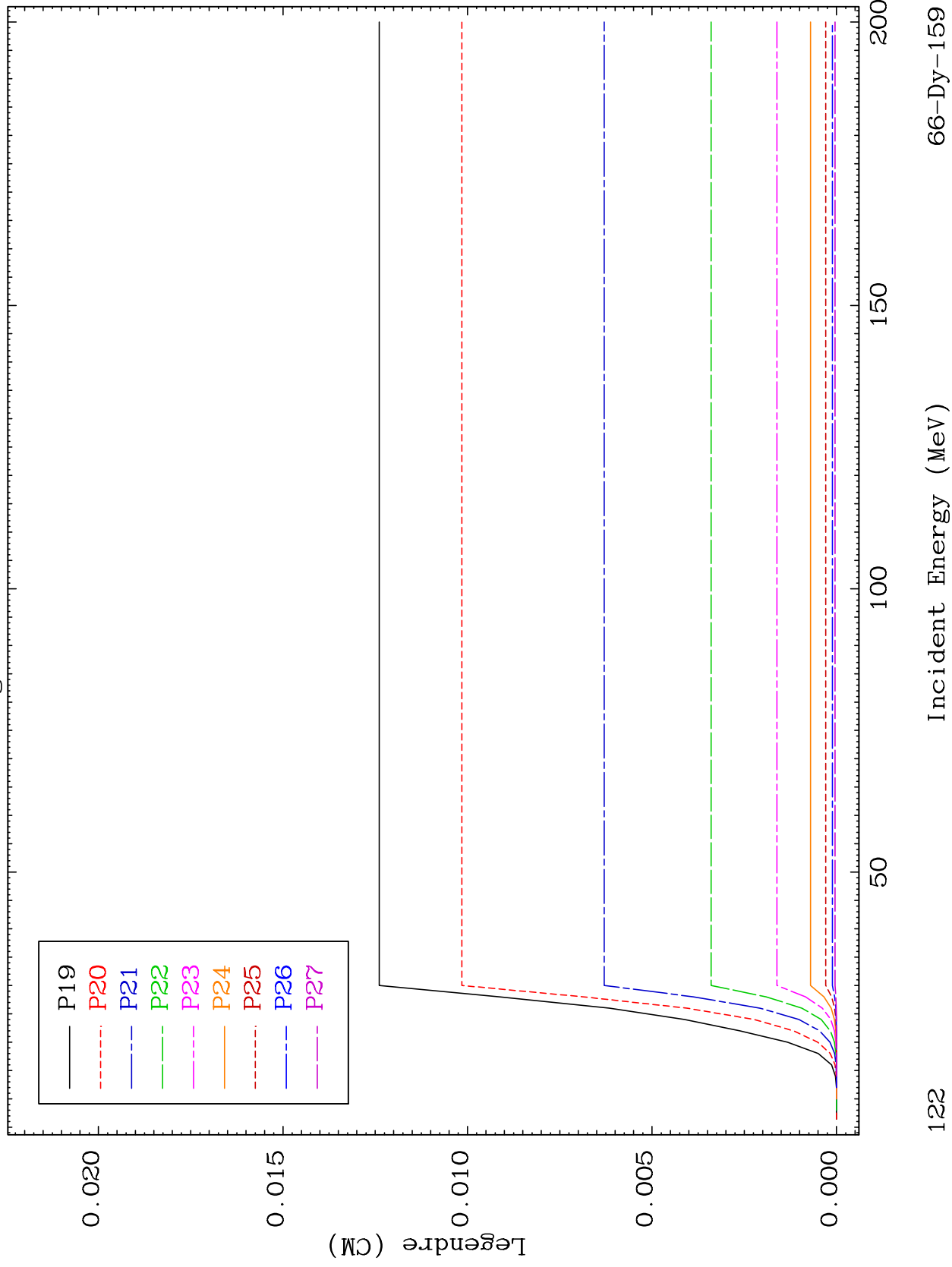


121

MAT 6634

627.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



122

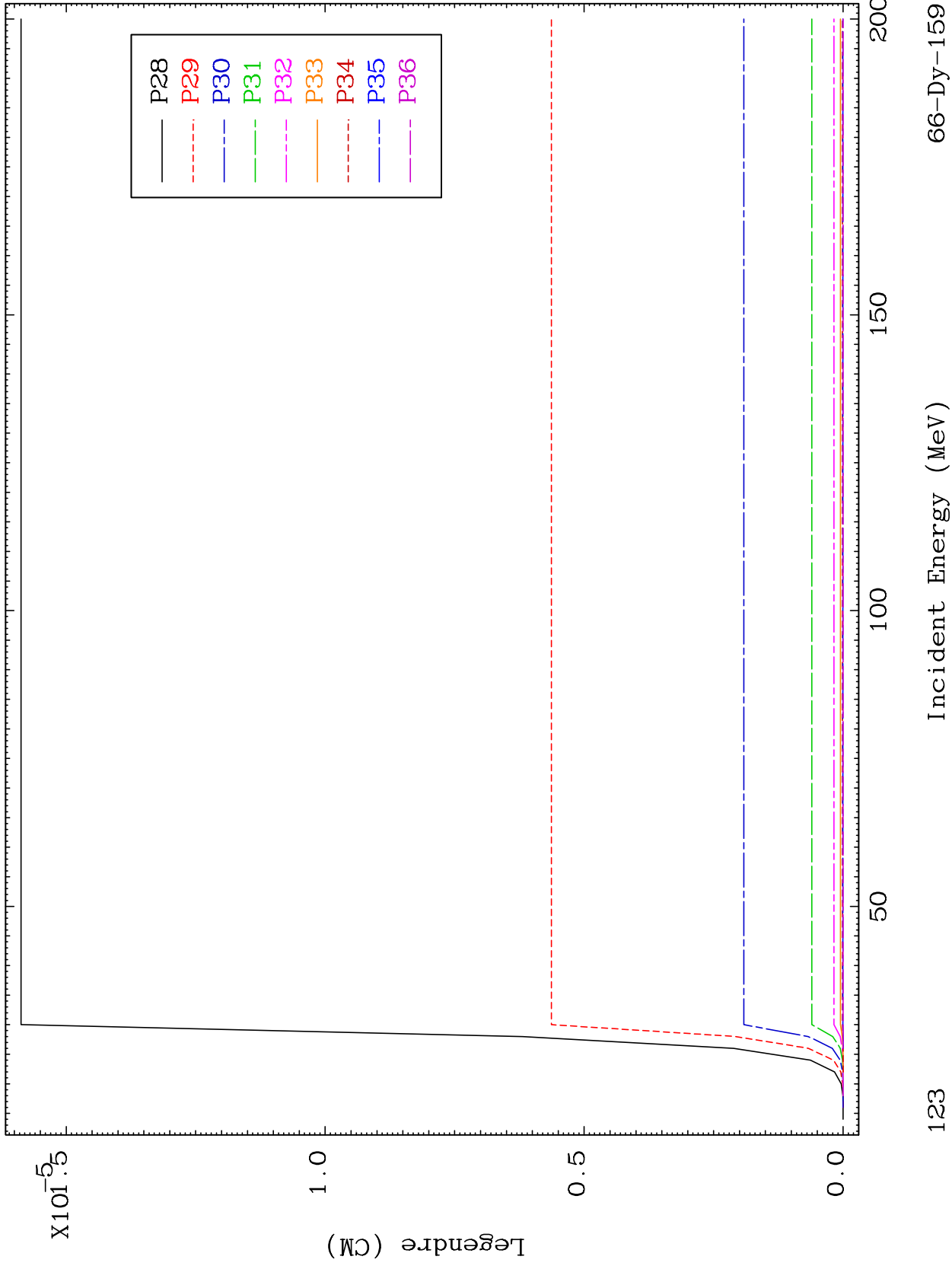
Incident Energy (MeV)

66-Dy-159

MAT 6634

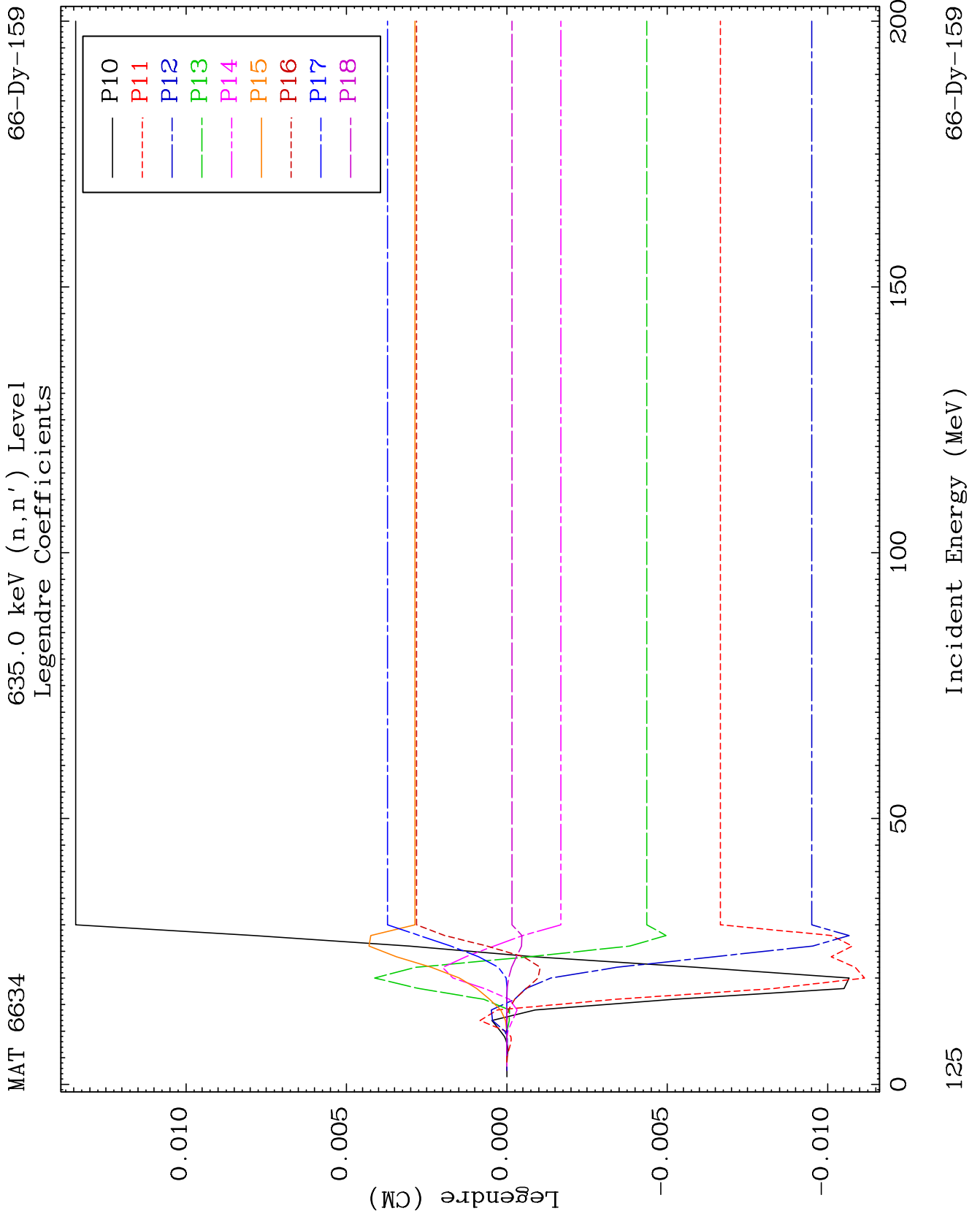
627.0 keV (n,n') Level  
Legendre Coefficients

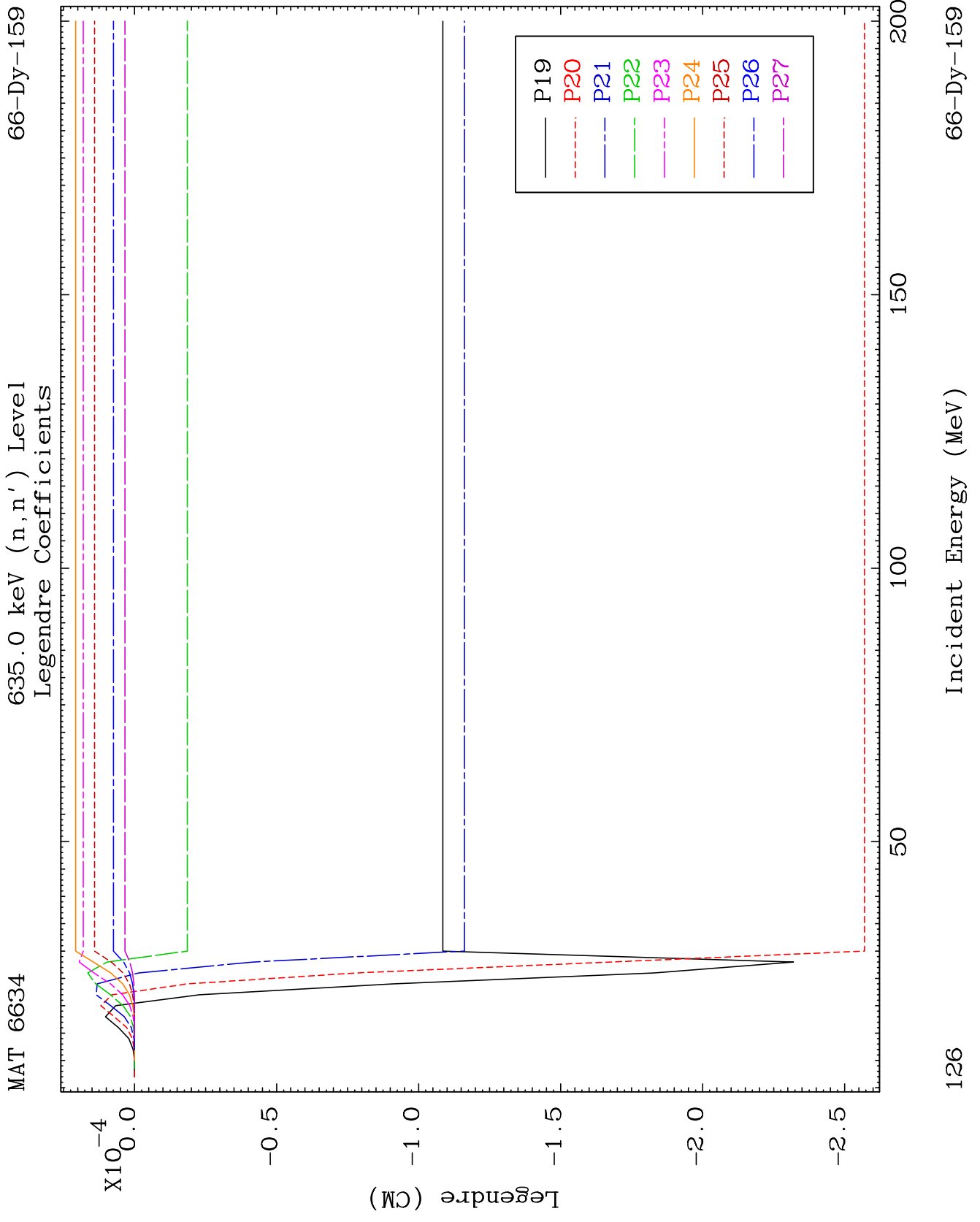
66-Dy-159

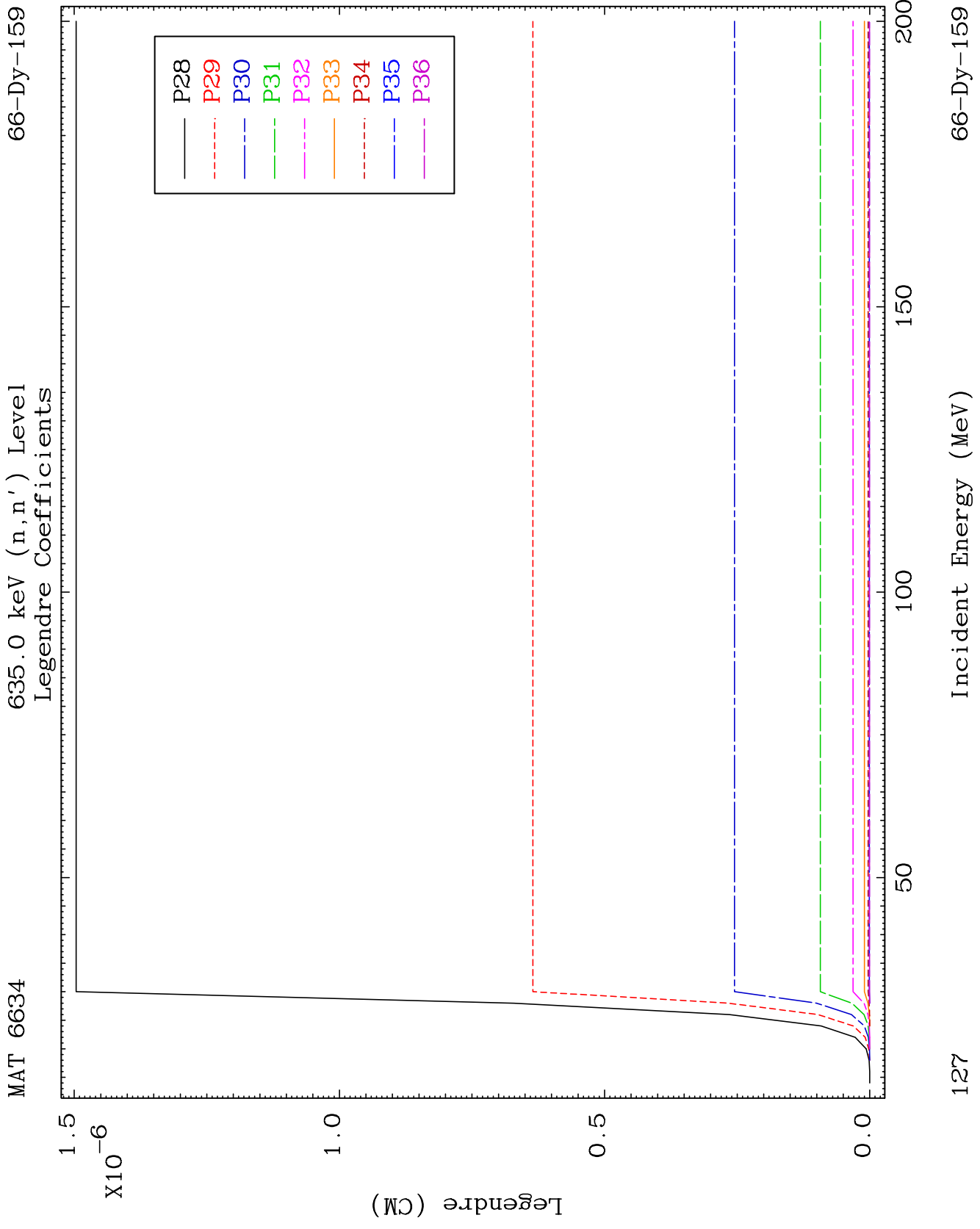


123

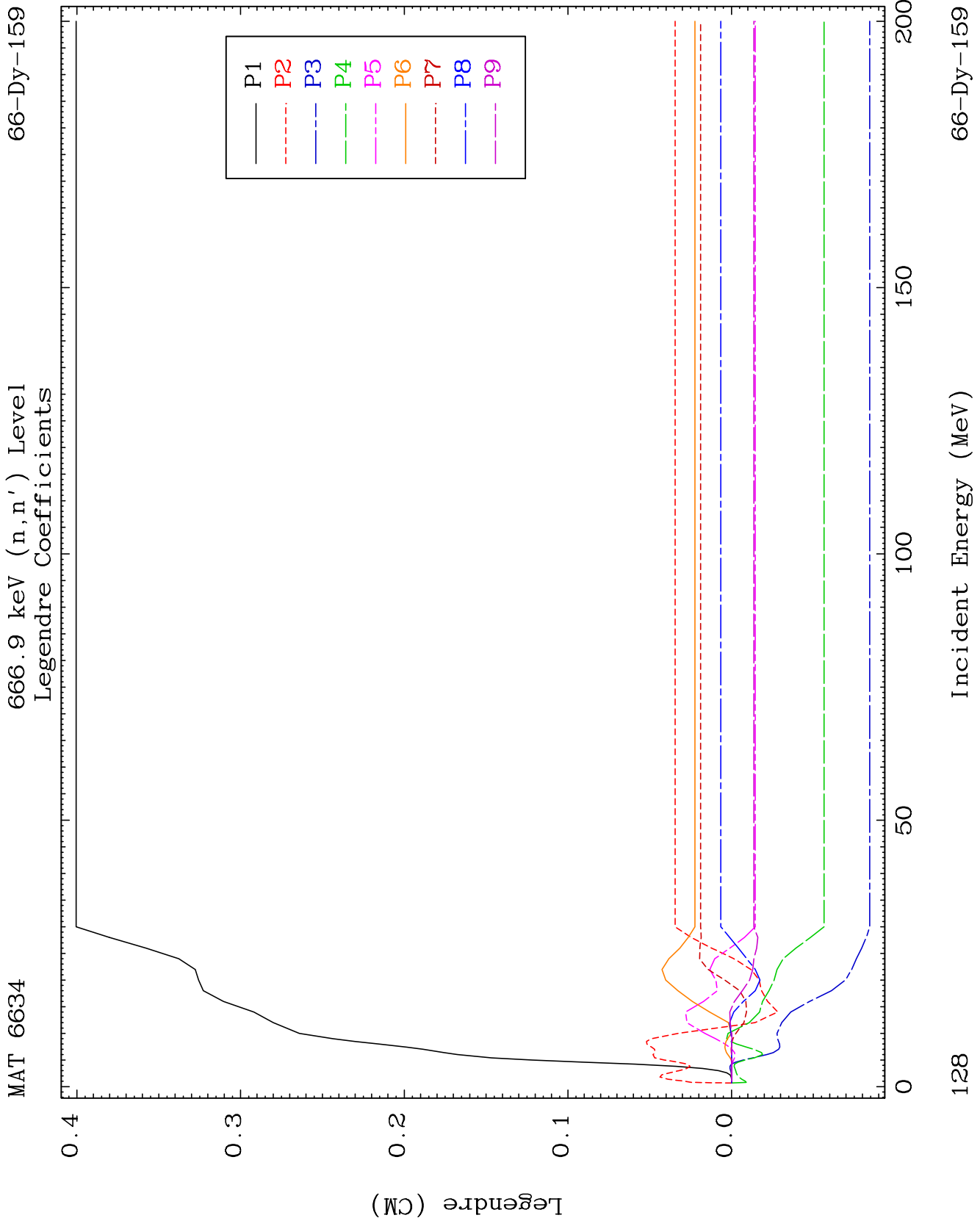


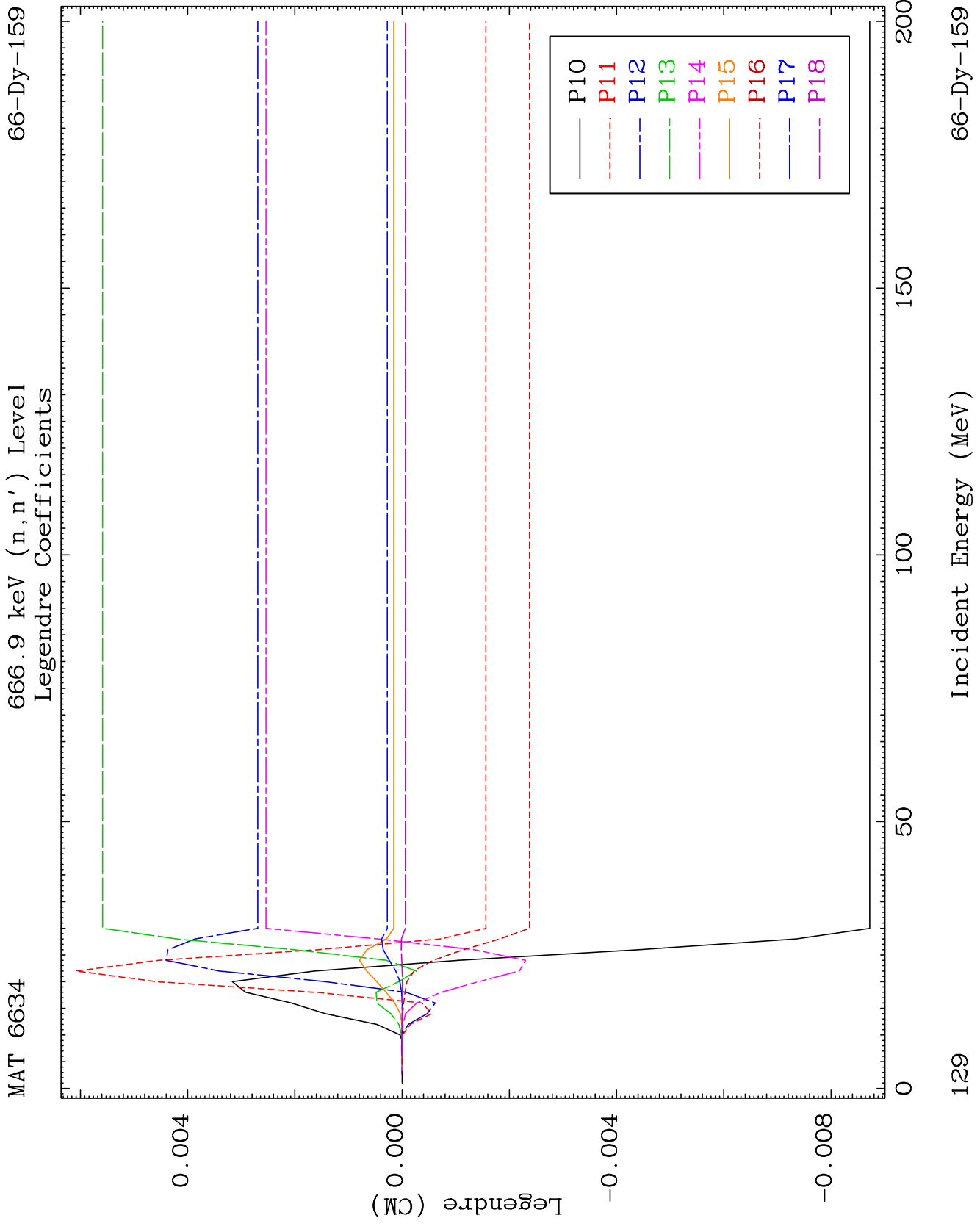








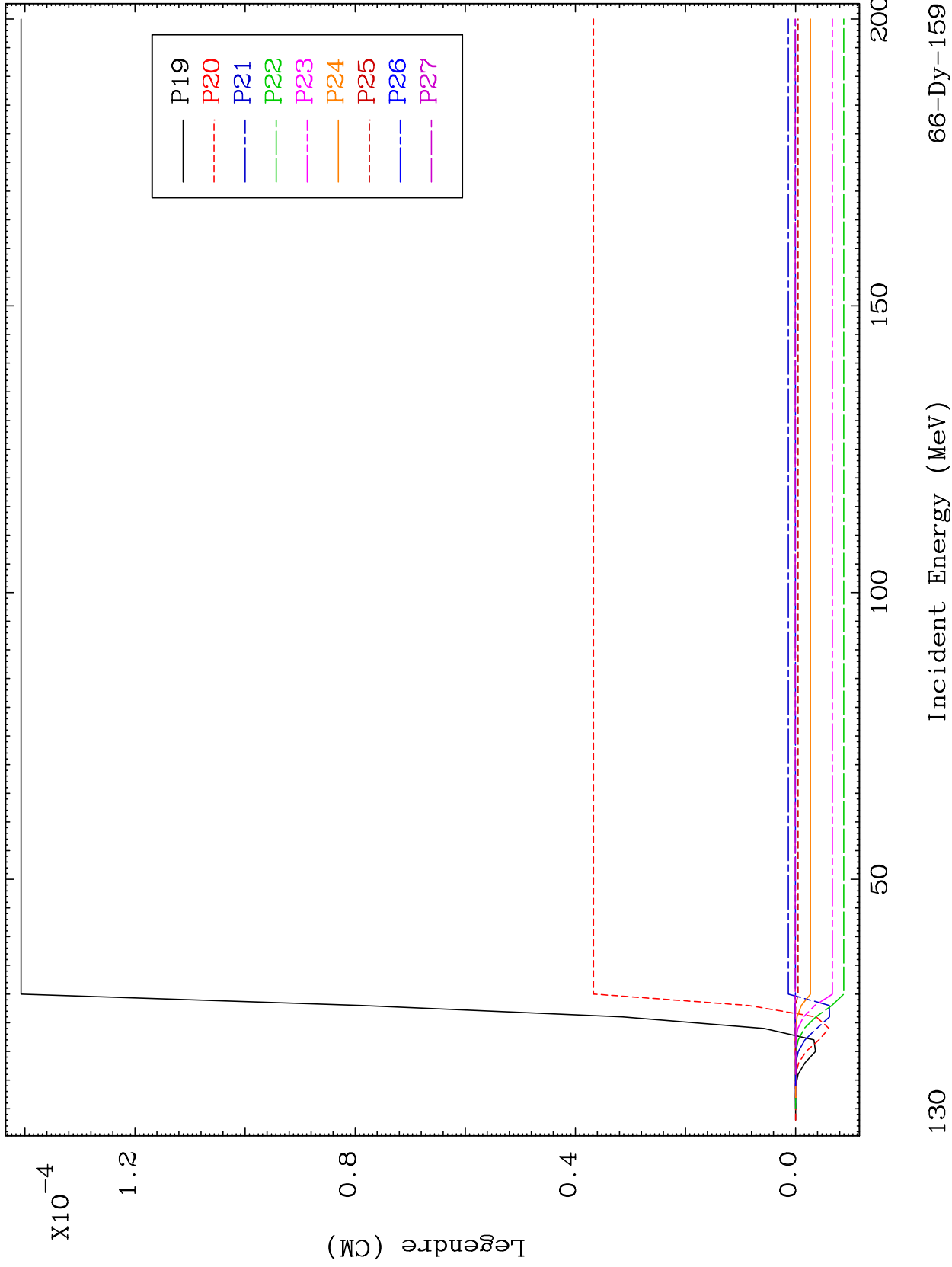




MAT 6634

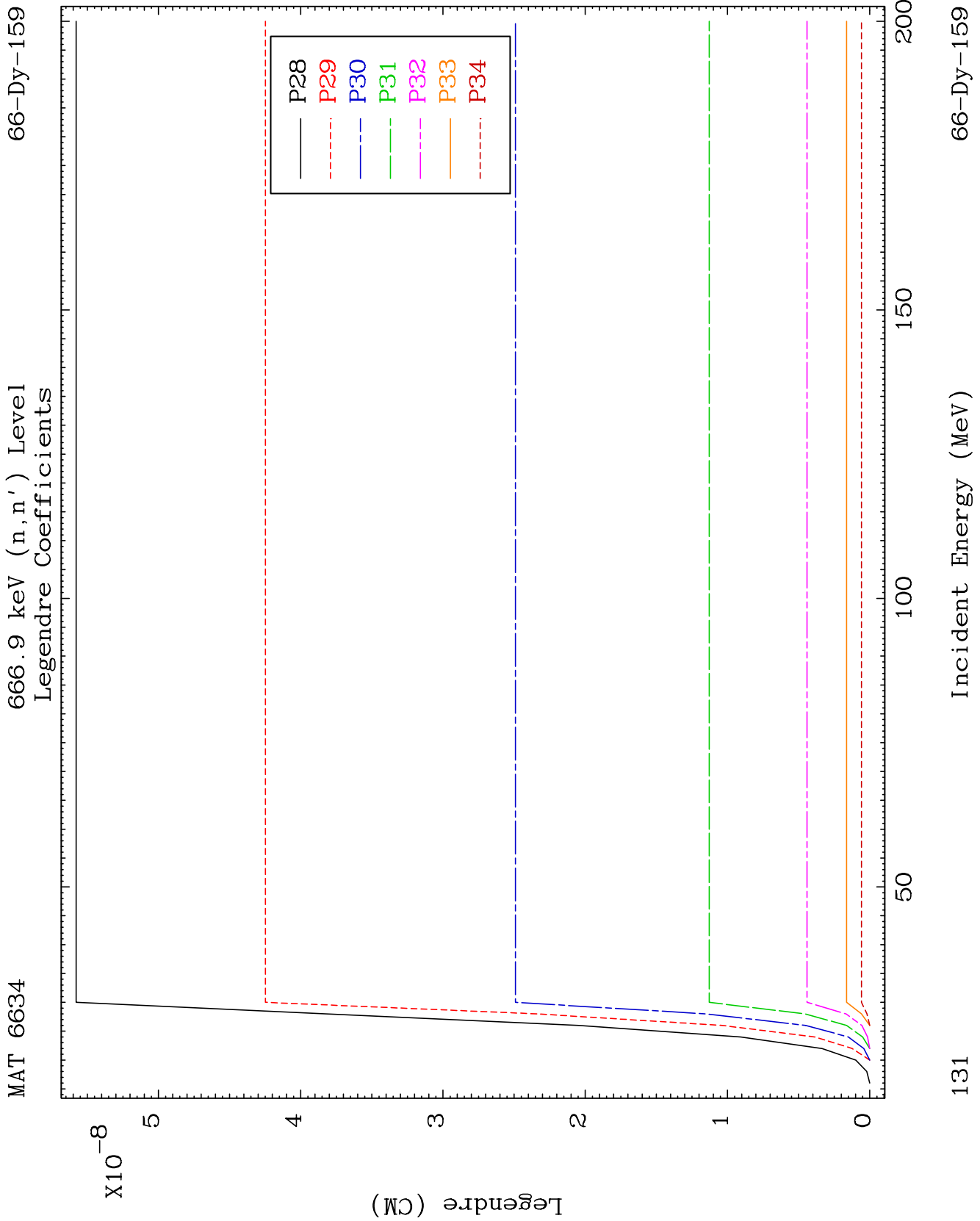
666.9 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



130

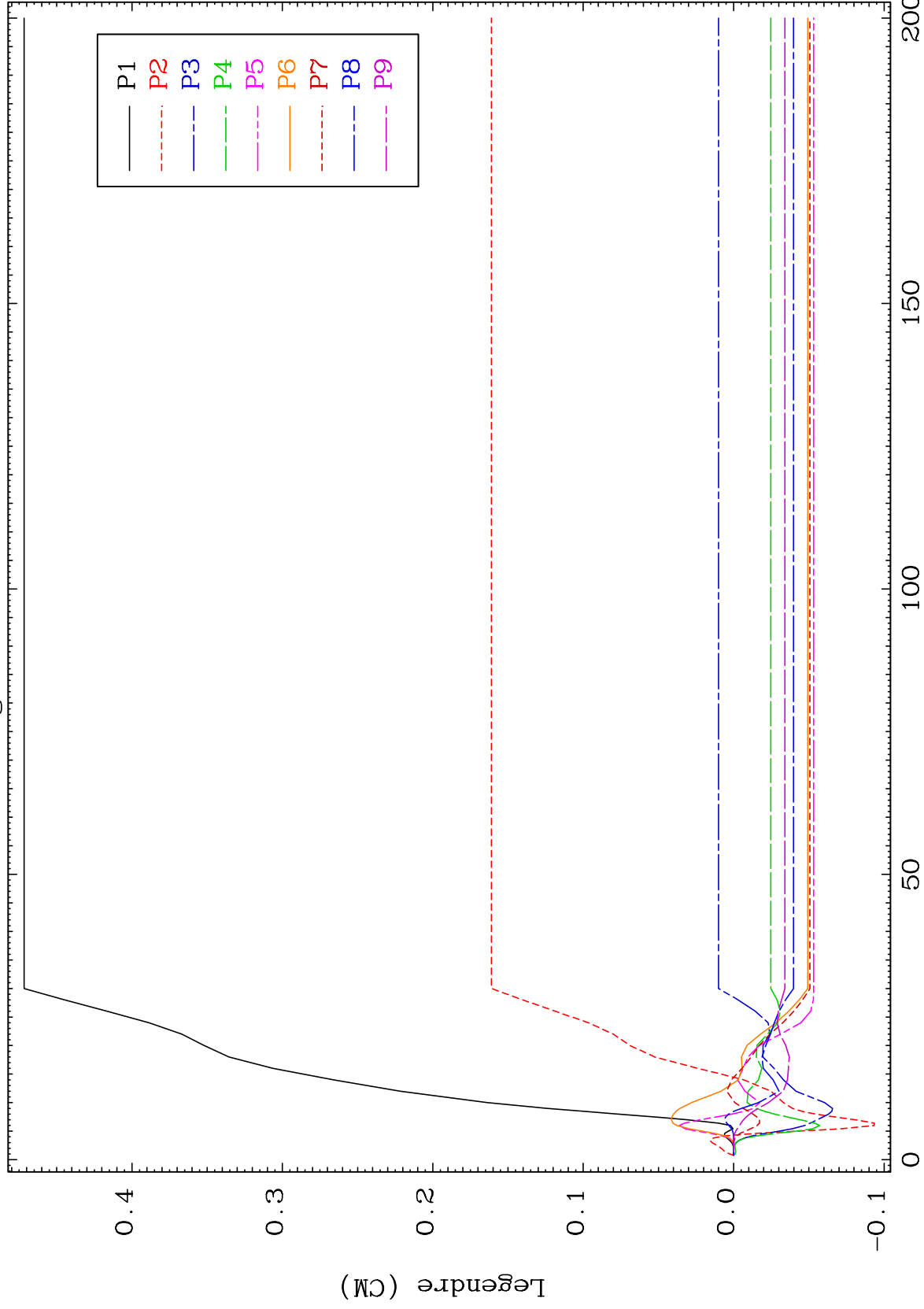
66-Dy-159



MAT 6634

689.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



132

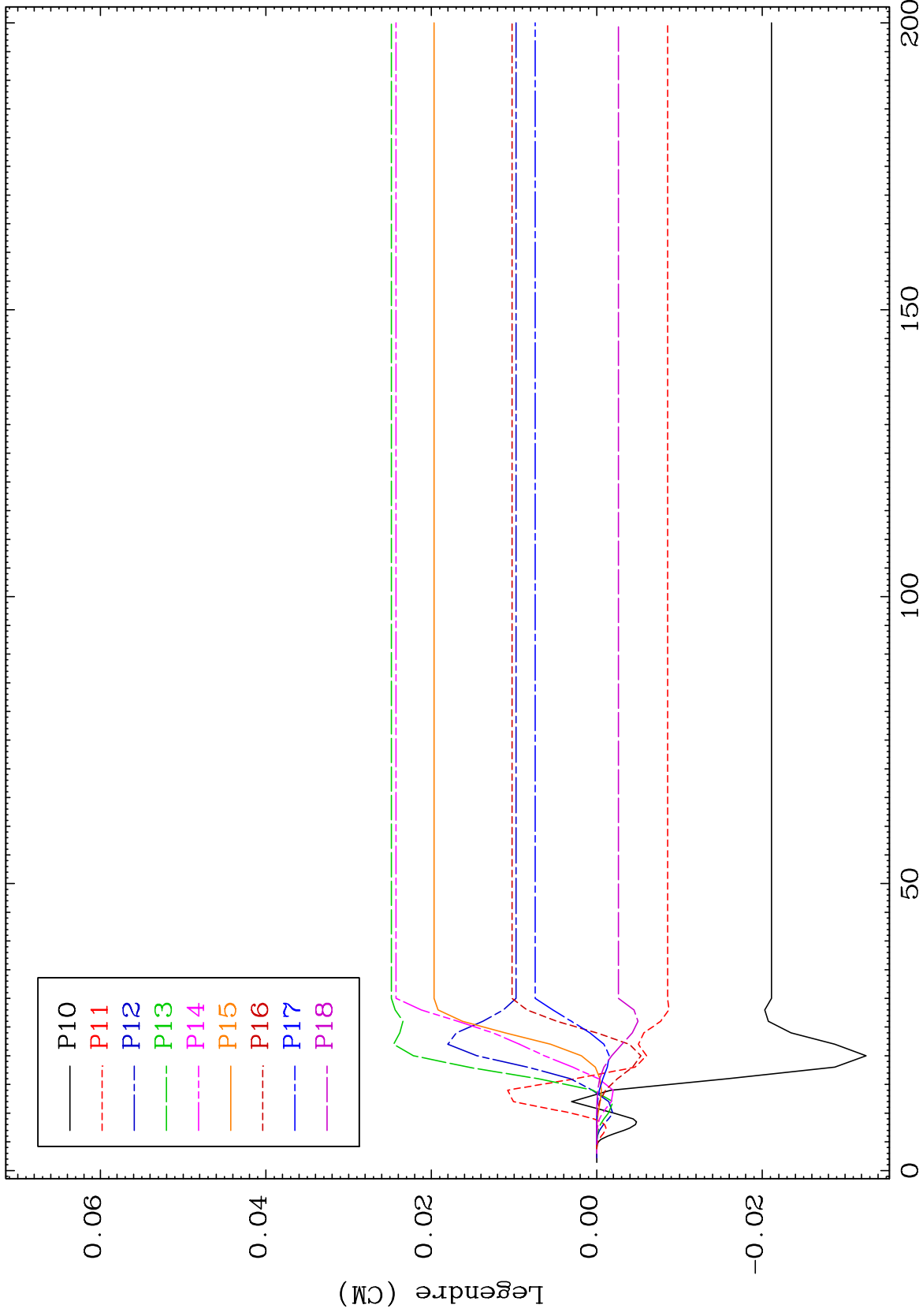
Incident Energy (MeV)

66-Dy-159

MAT 6634

689.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-159



133

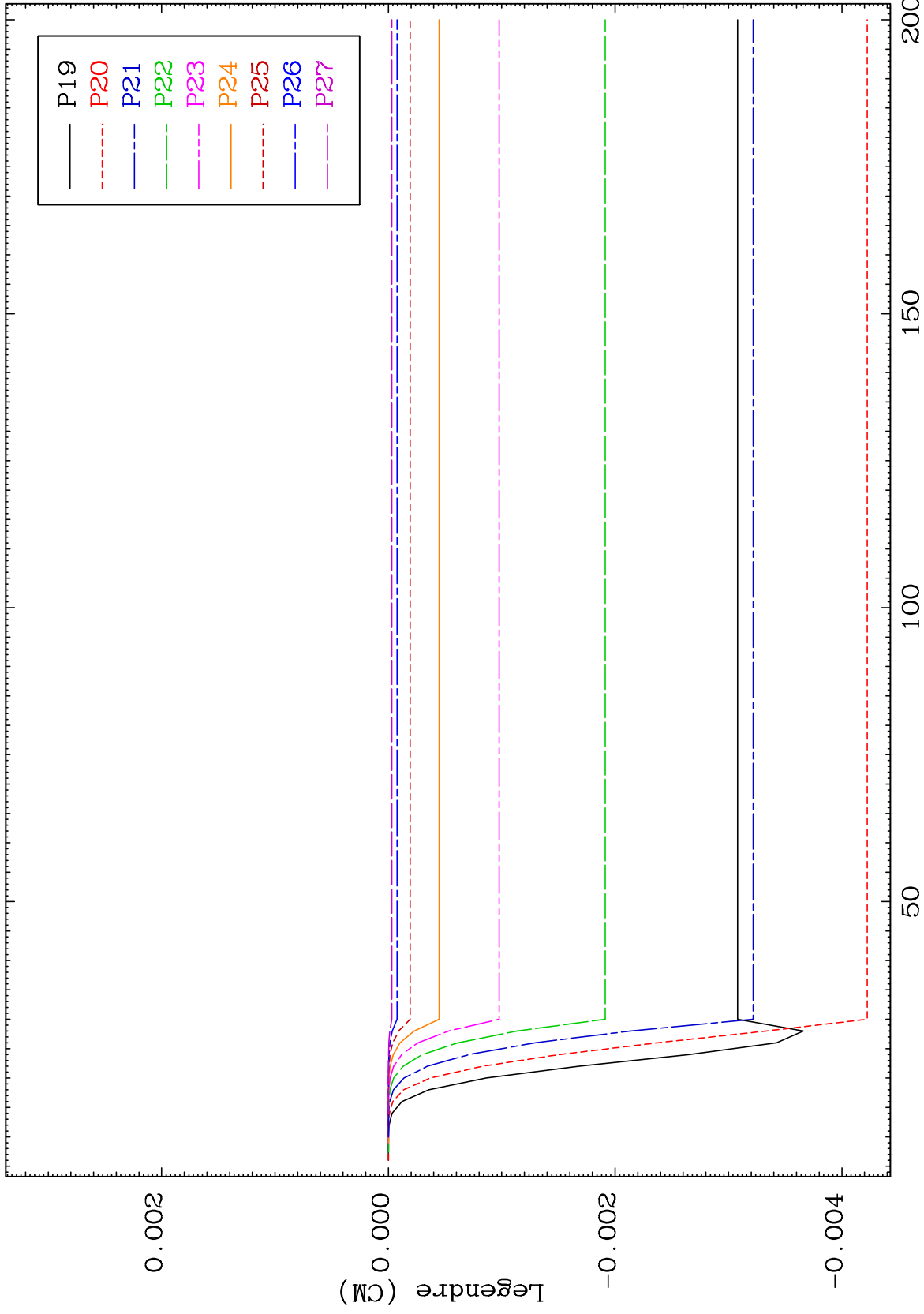
Incident Energy (MeV)

66-Dy-159

MAT 6634

689.0 keV (n,n') Level  
Legendre Coefficients

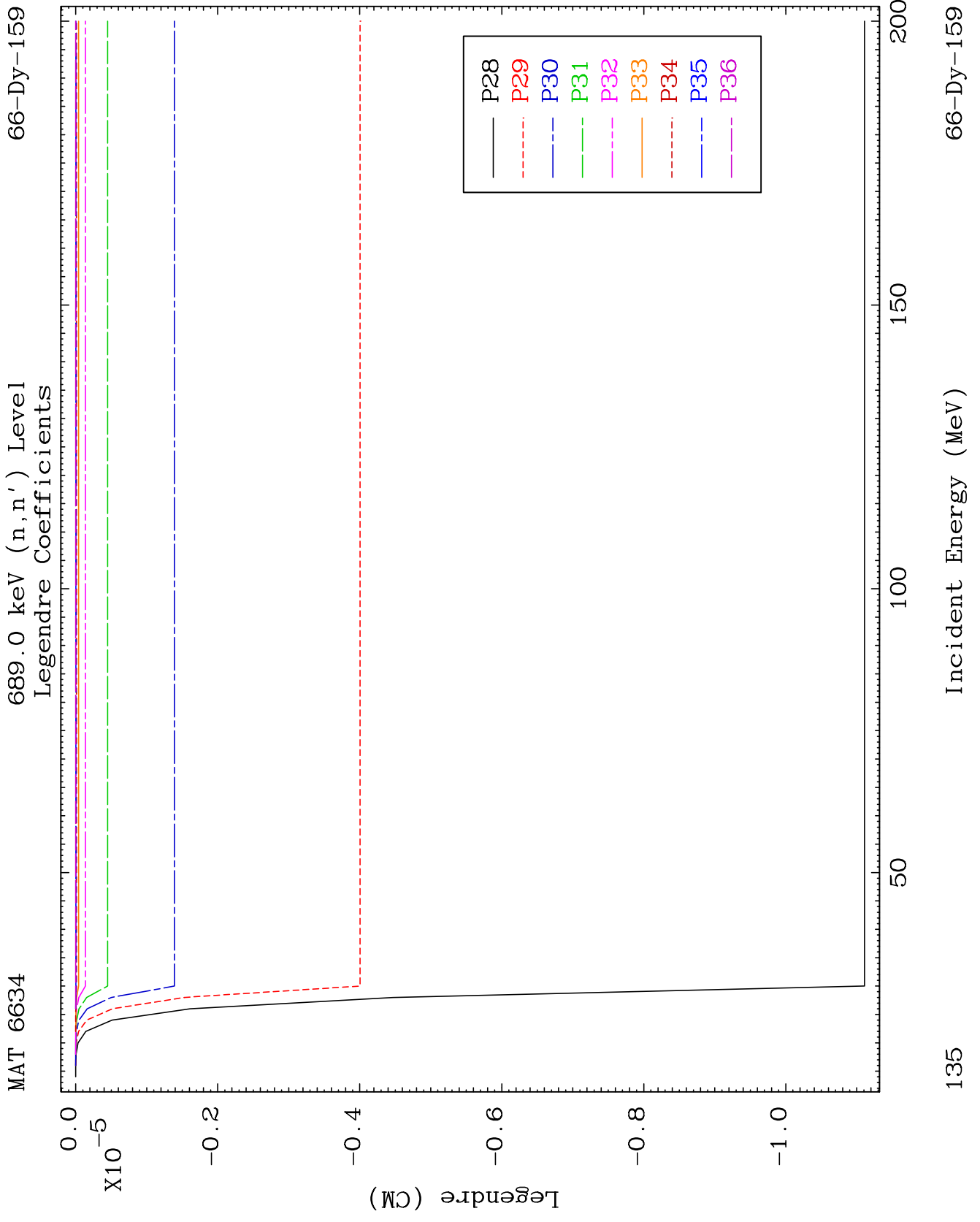
66-Dy-159



134

Incident Energy (MeV)

66-Dy-159



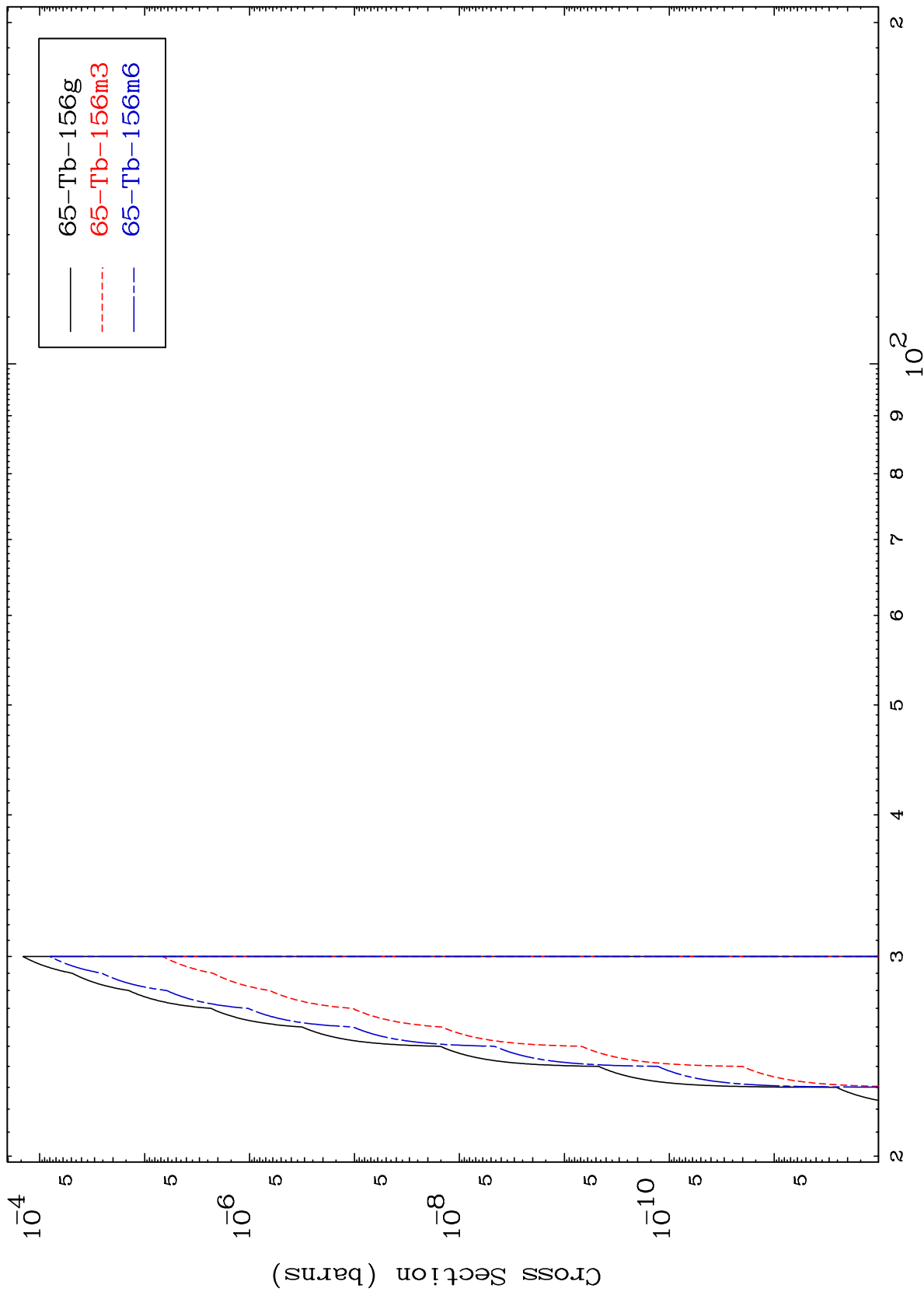


MAT 6634

(n,2n) d

66-Dy-159

Radionuclide Production Cross Section



136

Incident Energy (MeV)

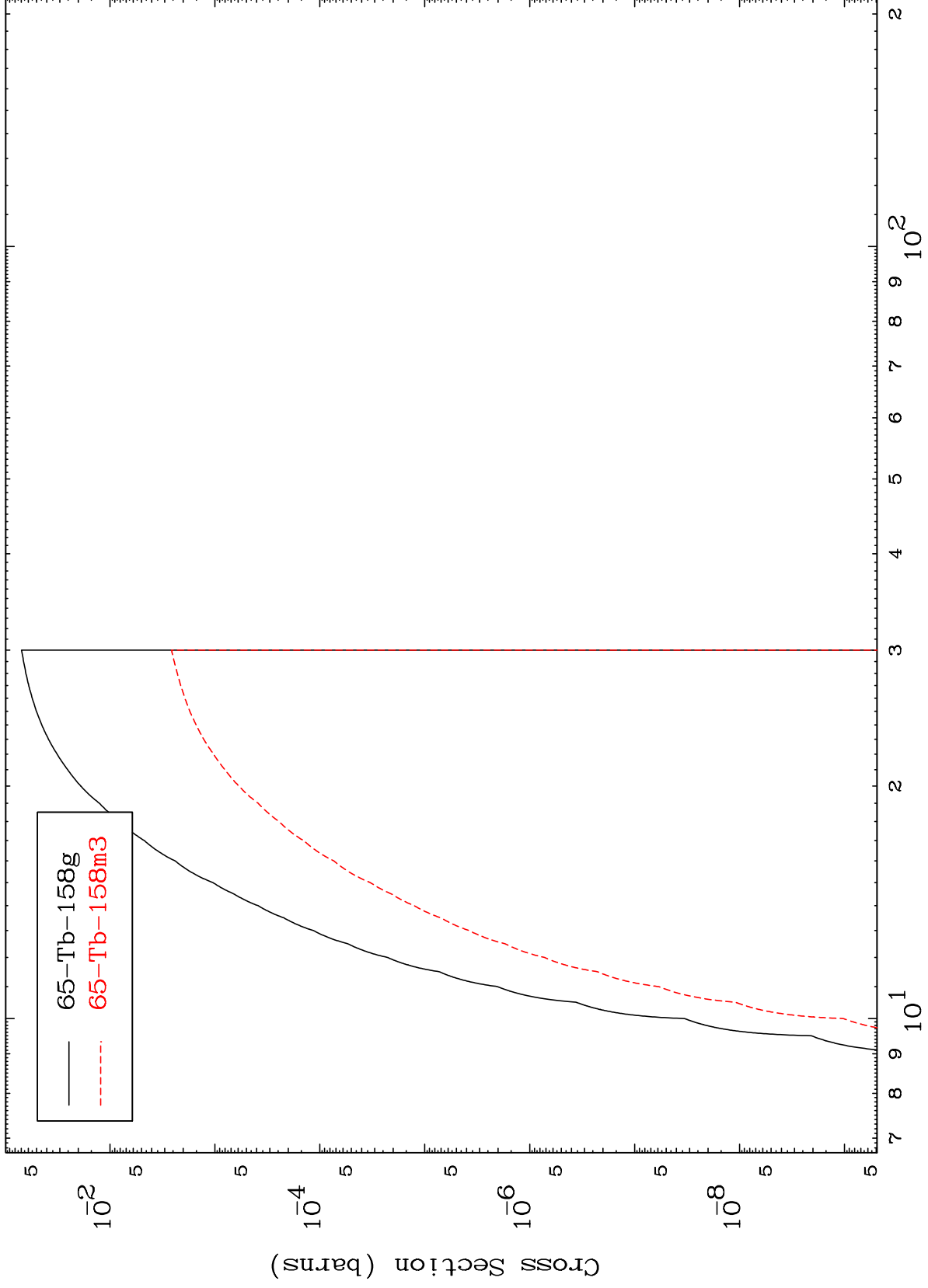
66-Dy-159

MAT 6634

(n,n') p

66-Dy-159

Radionuclide Production Cross Section

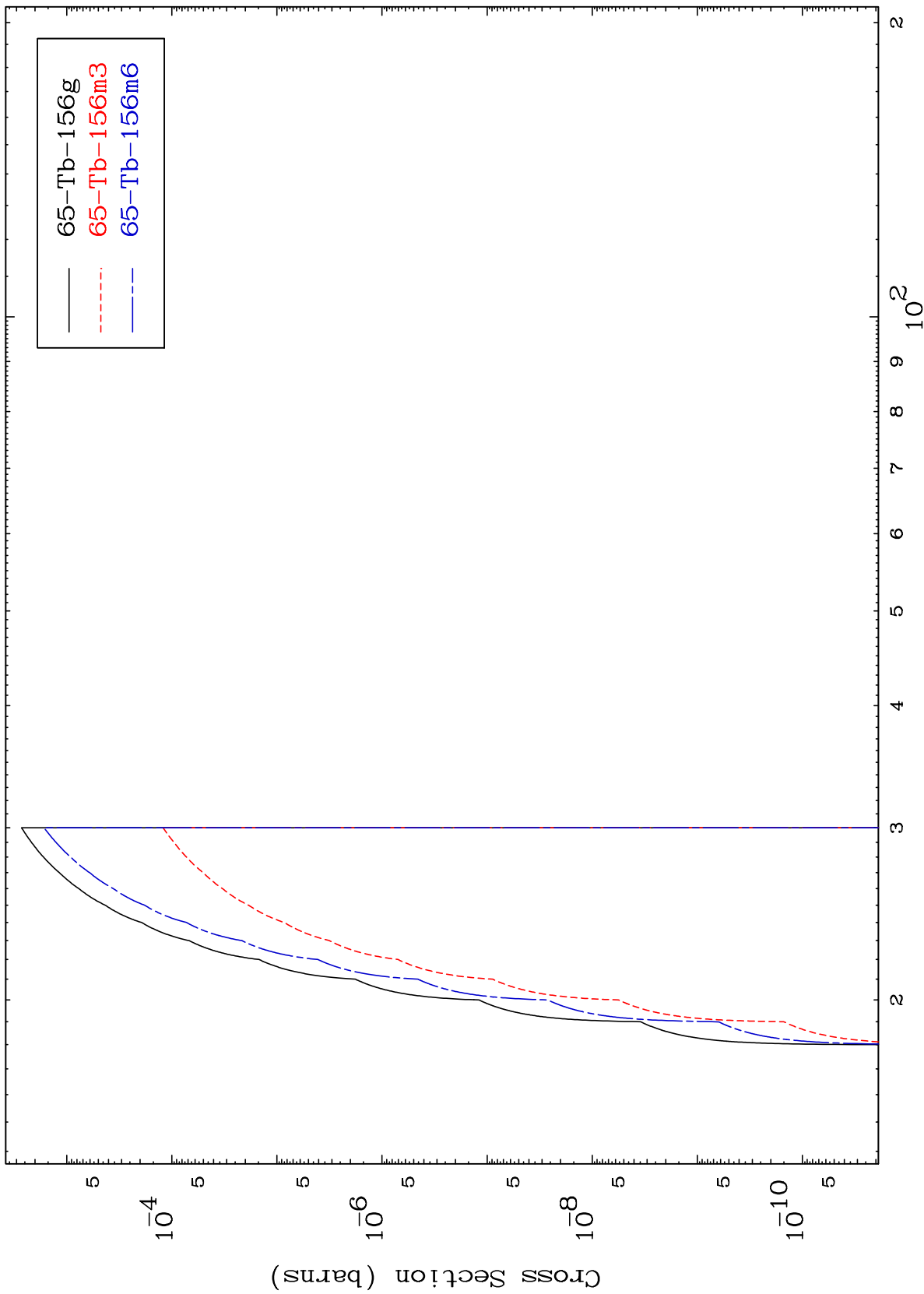


137

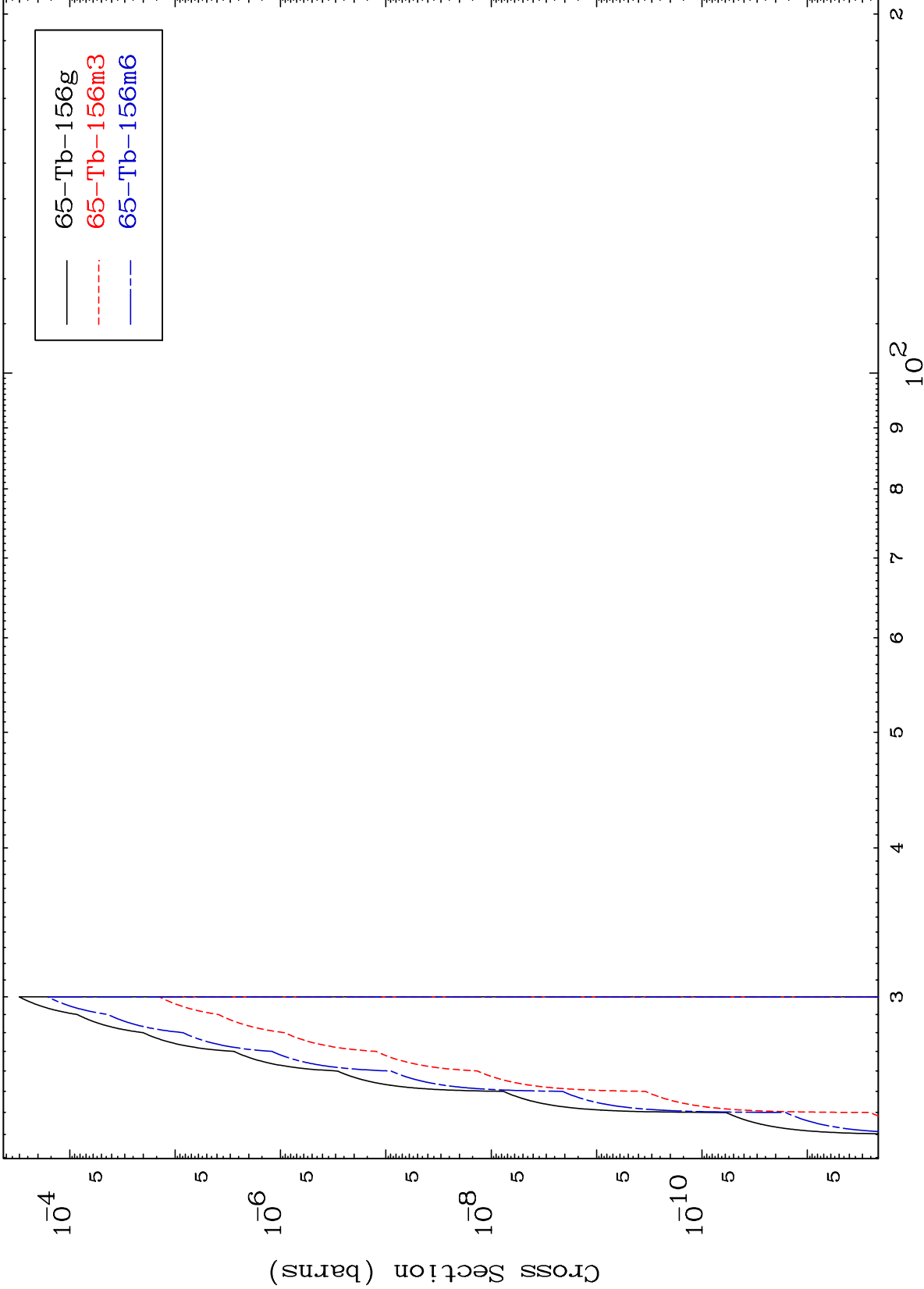
Incident Energy (MeV)

66-Dy-159

Radionuclide Production Cross Section



Radionuclide Production Cross Section

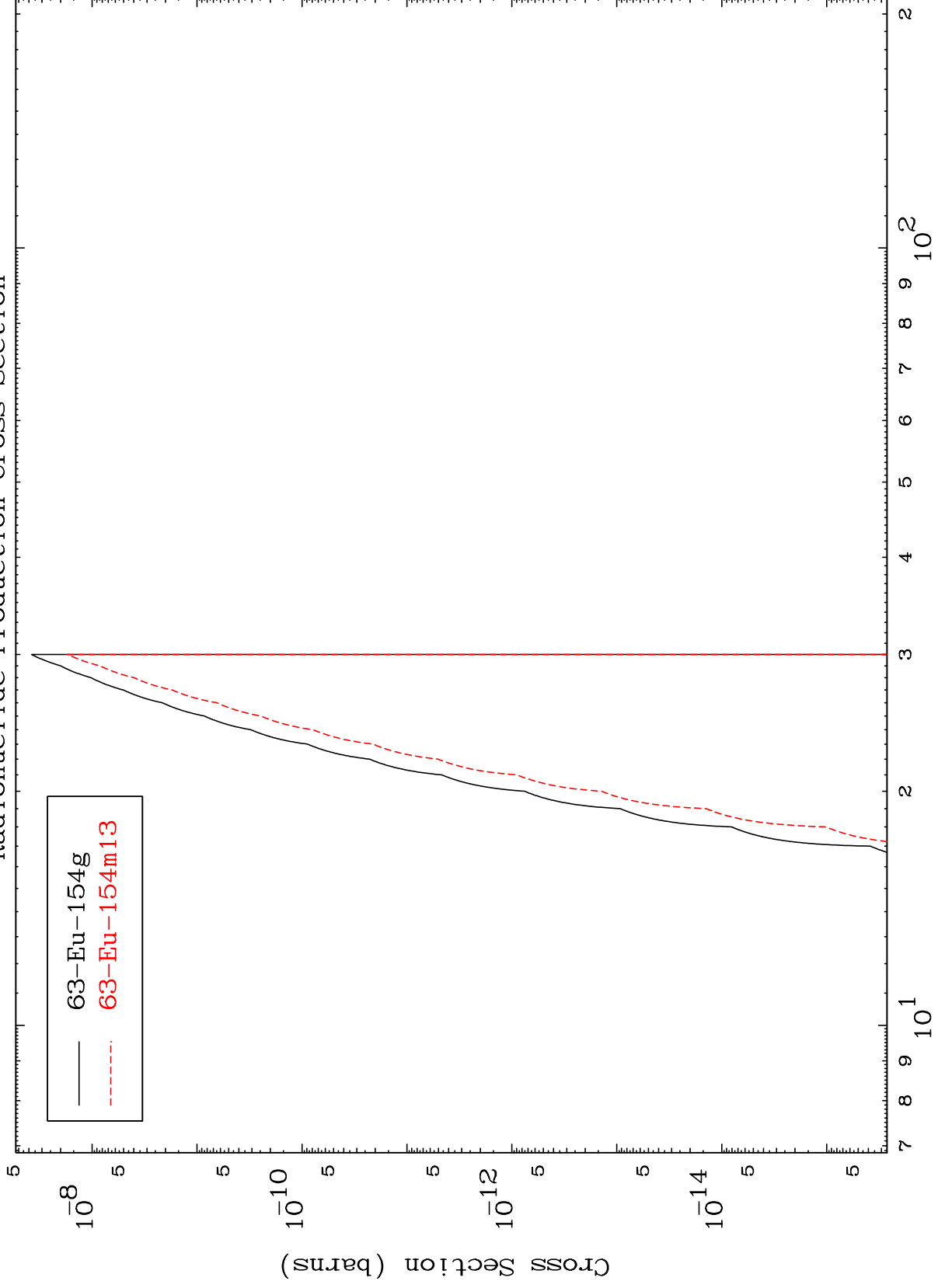


MAT 6634

(n,n') p  $\alpha$

66-Dy-159

Radionuclide Production Cross Section



140

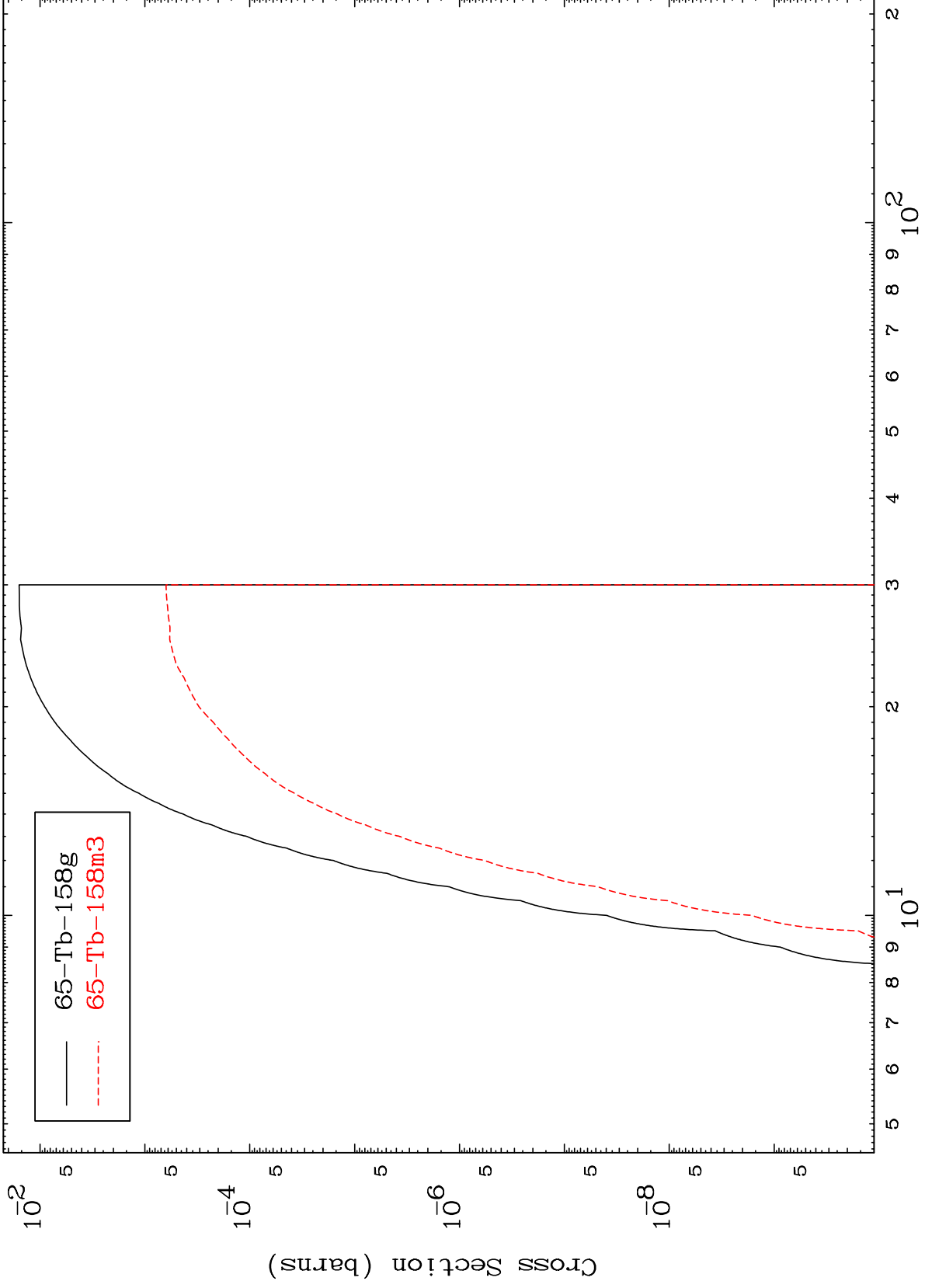
Incident Energy (MeV)

66-Dy-159

MAT 6634

66-Dy-159

(n,d)  
Radionuclide Production Cross Section



65-Tb-158g  
65-Tb-158m3

141

Incident Energy (MeV)

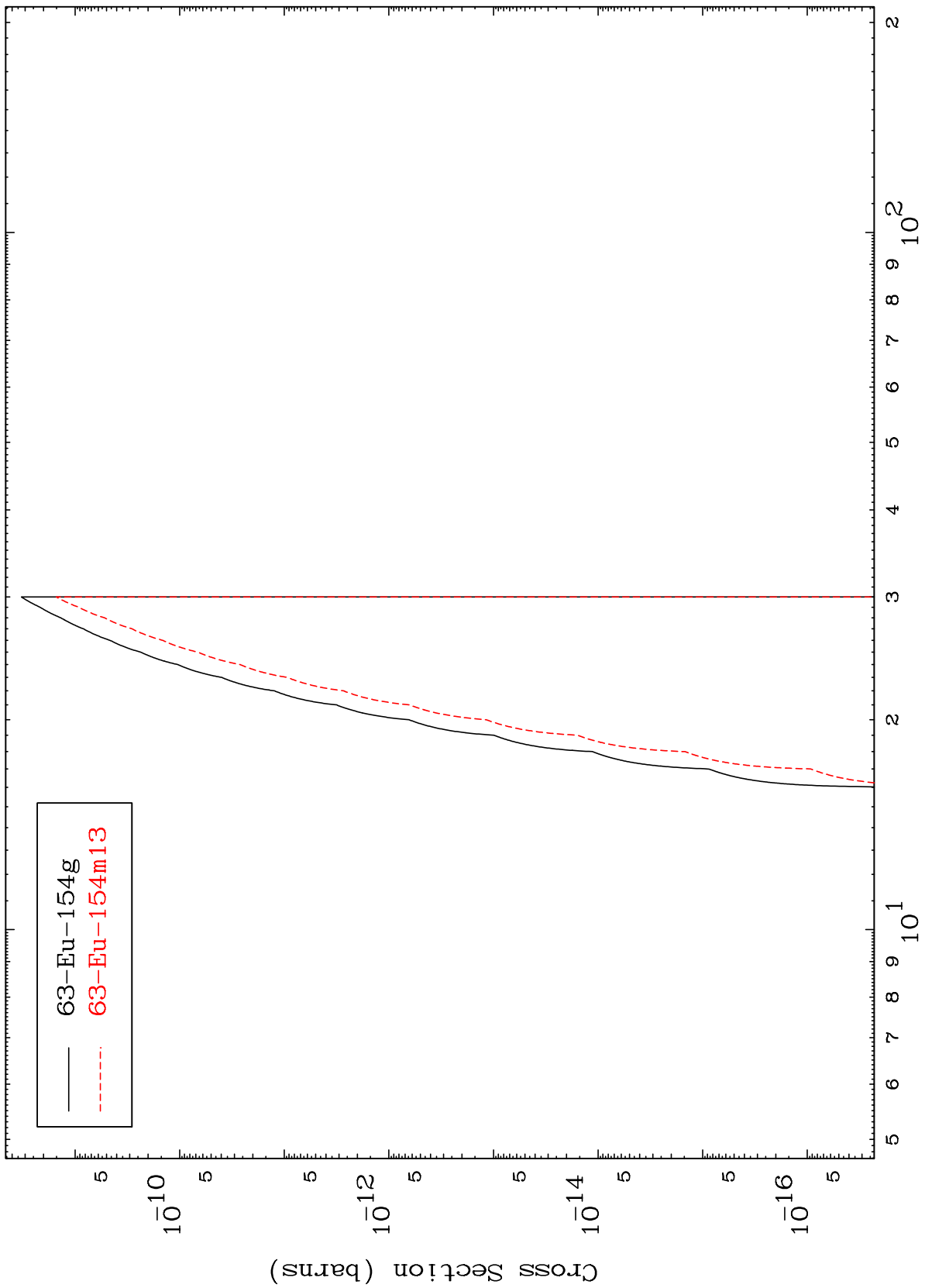
66-Dy-159

MAT 6634

(n,d)  $\alpha$

66-Dy-159

Radionuclide Production Cross Section



142

Incident Energy (MeV)

66-Dy-159