

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

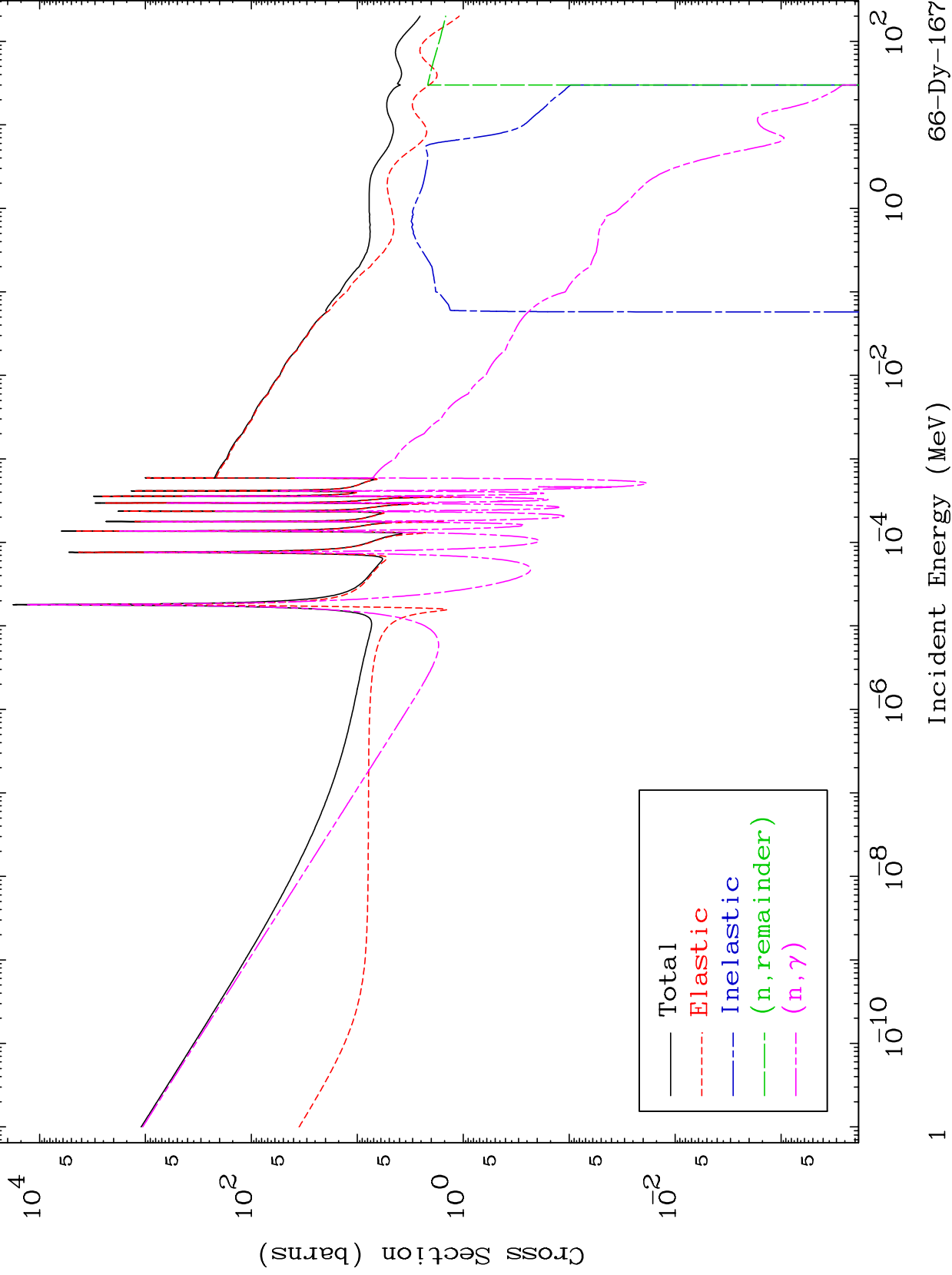
Press Mouse Button to Start

MAT 6658

Major

293 Kelvin Cross Sections

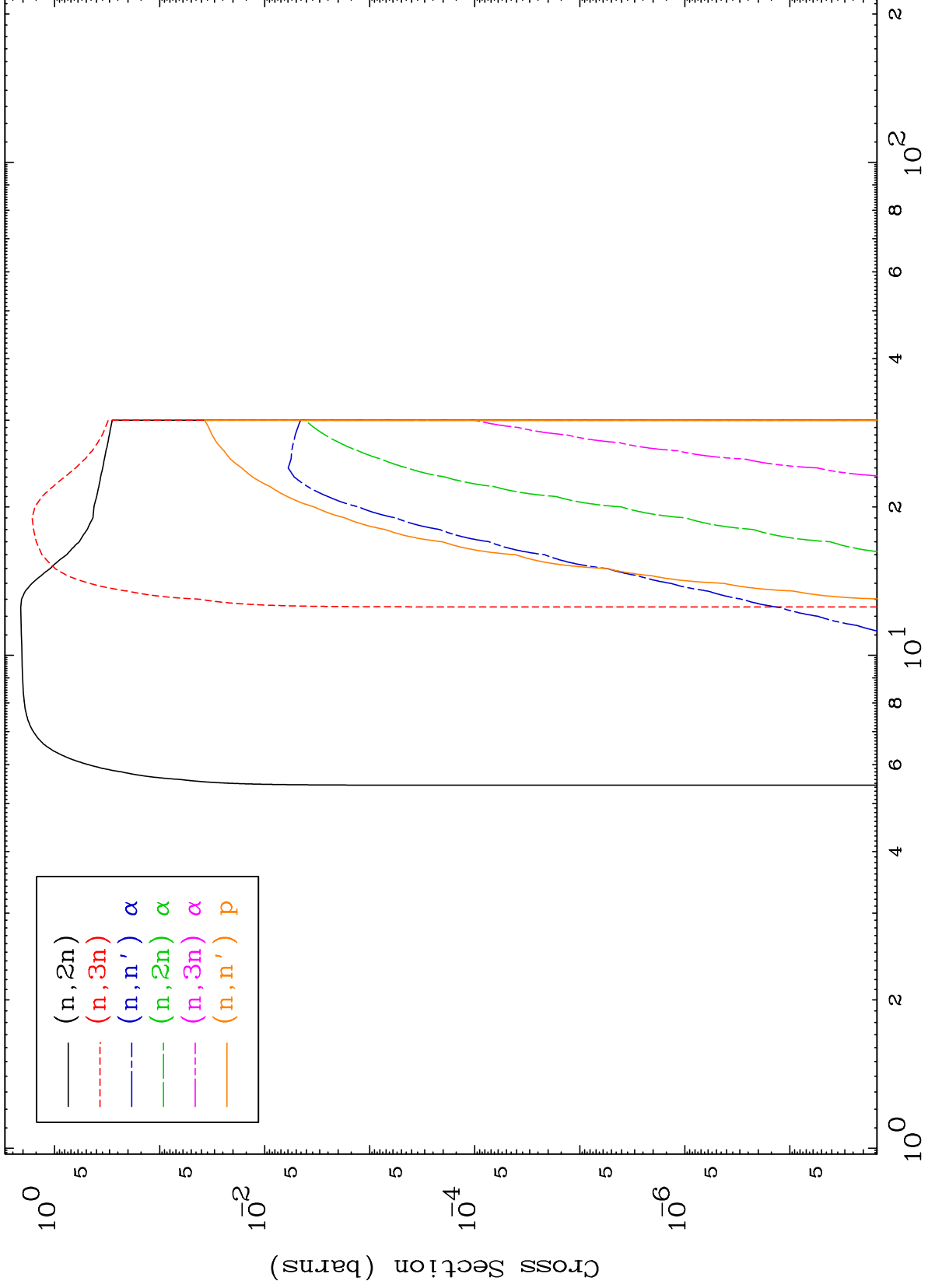
66-Dy-167



MAT 6658

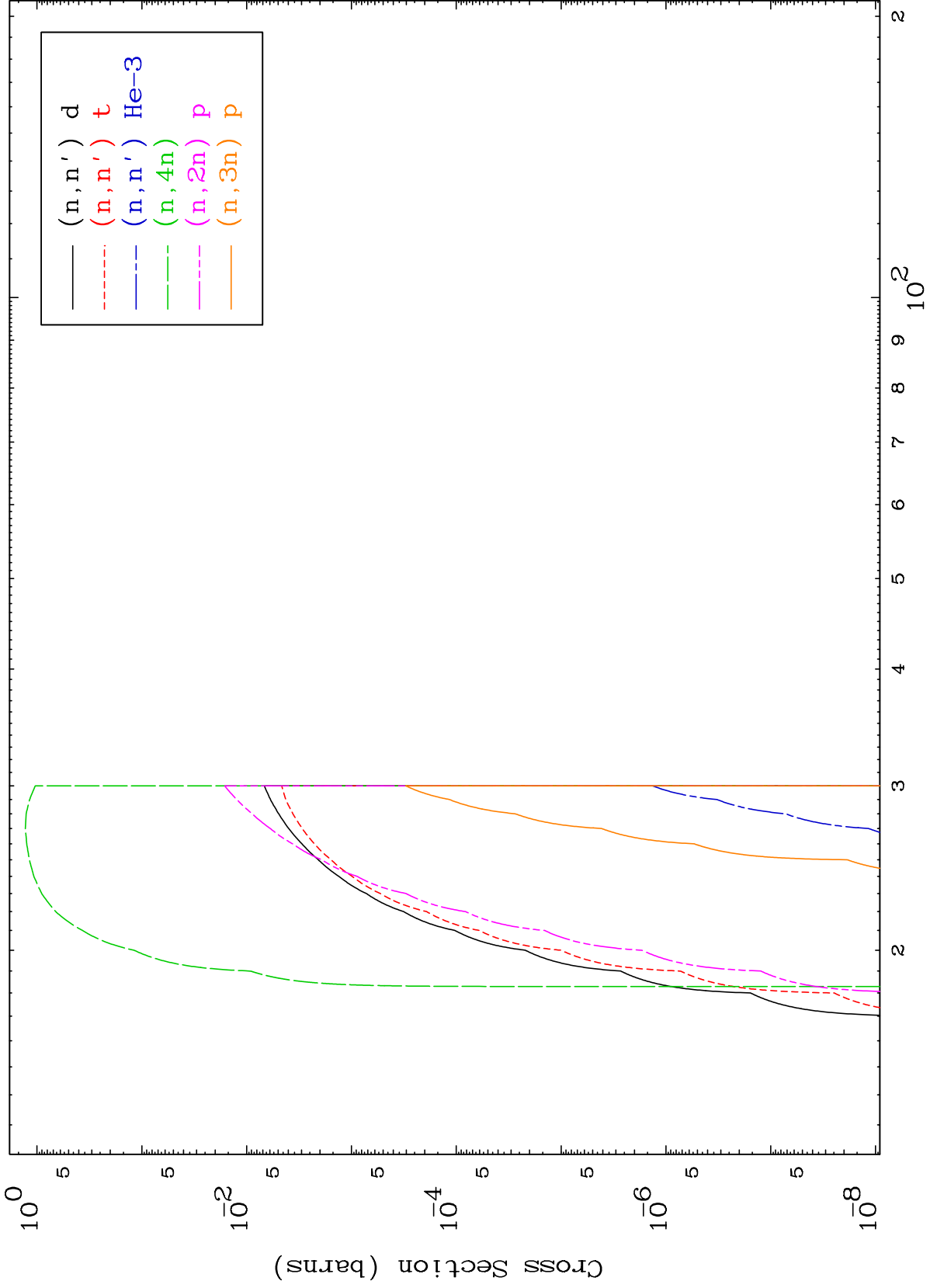
Neutron Production  
293 Kelvin Cross Sections

66-Dy-167



Incident Energy (MeV)

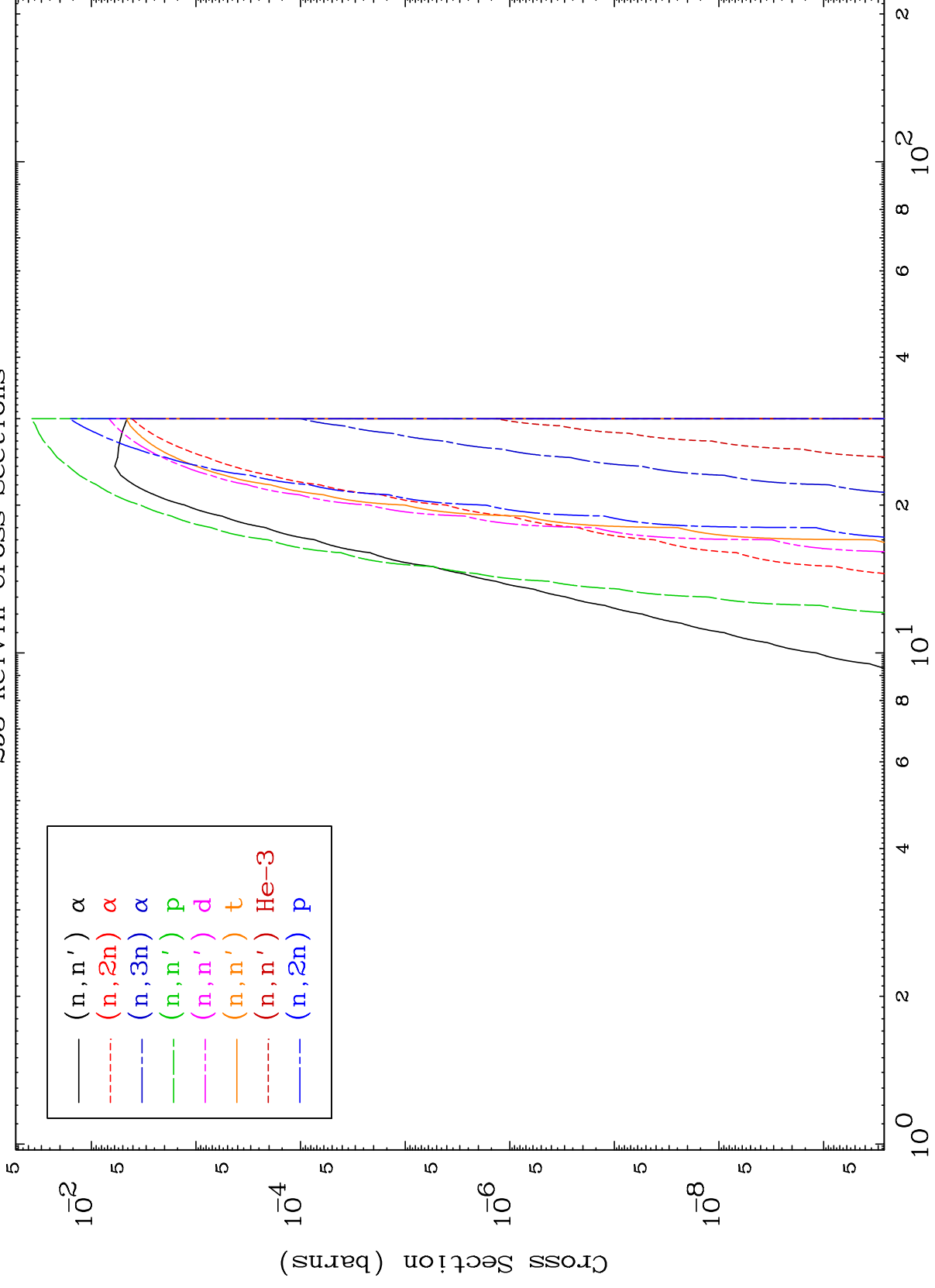
66-Dy-167



MAT 6658

Charged Particle  
293 Kelvin Cross Sections

66-Dy-167



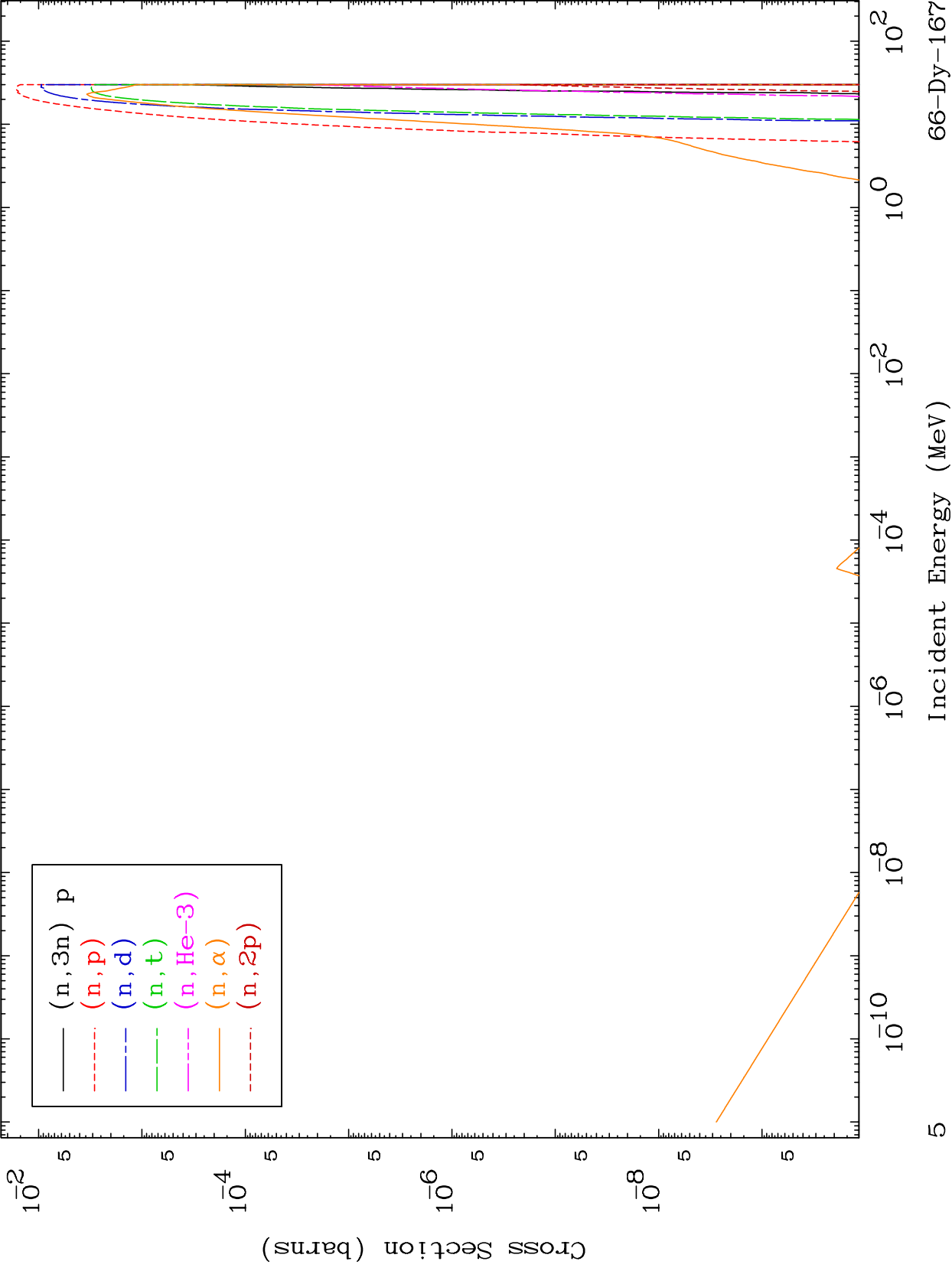
Incident Energy (MeV)

66-Dy-167

MAT 6658

Charged Particle  
293 Kelvin Cross Sections

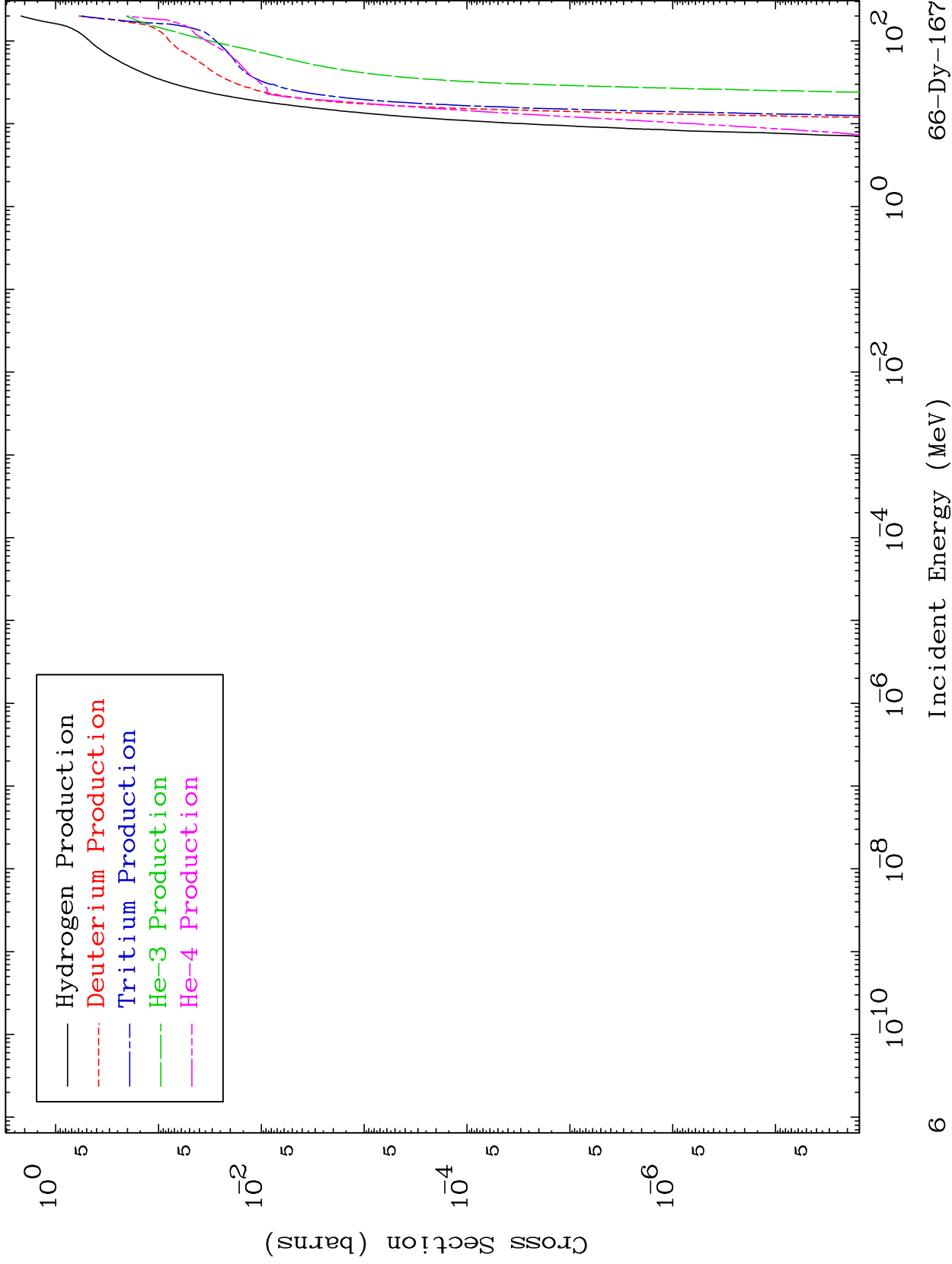
66-Dy-167



MAT 6658

Particle Production  
293 Kelvin Cross Sections

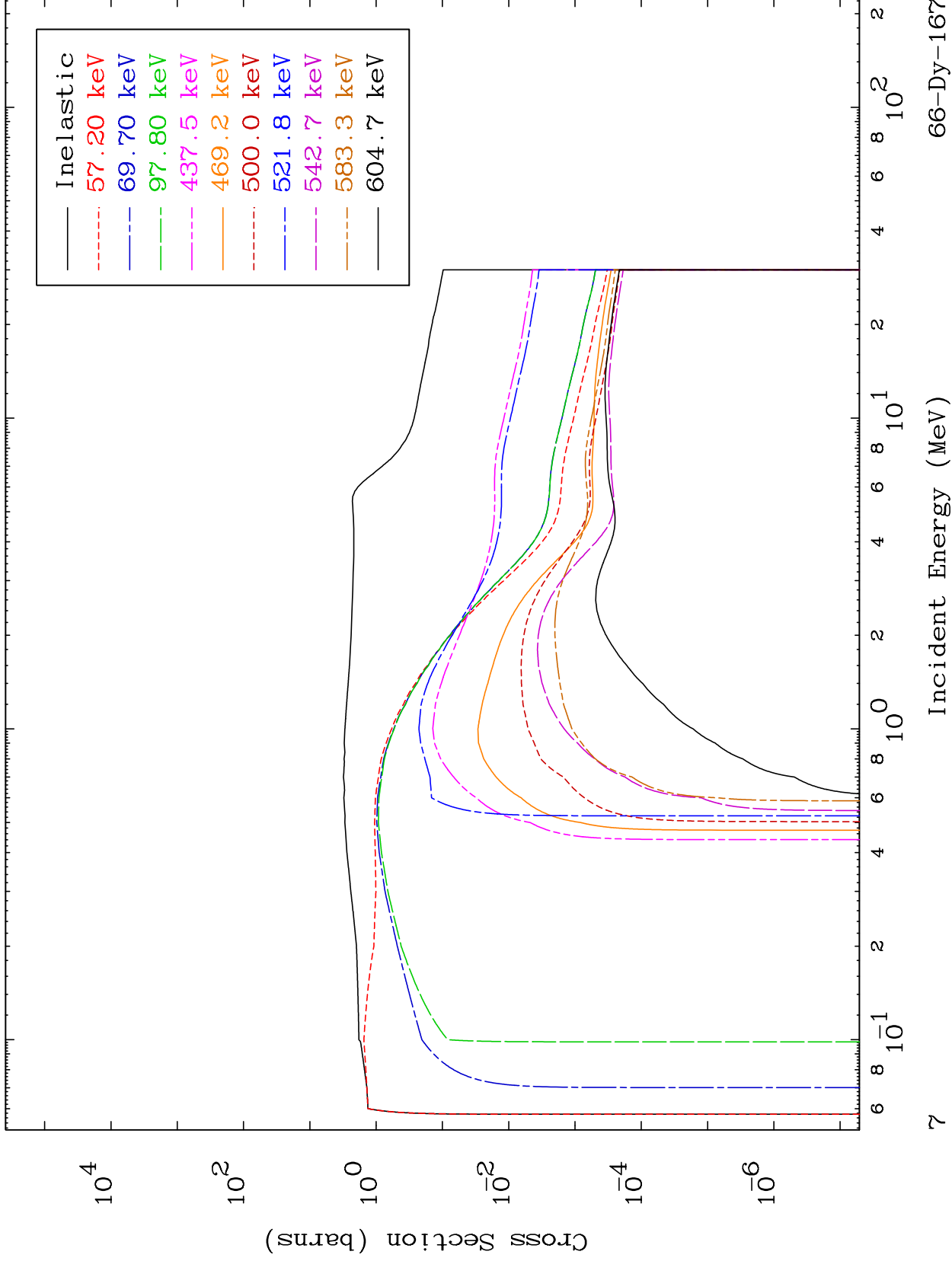
66-Dy-167



MAT 6658

(n,n') Level  
293 Kelvin Cross Sections

66-Dy-167

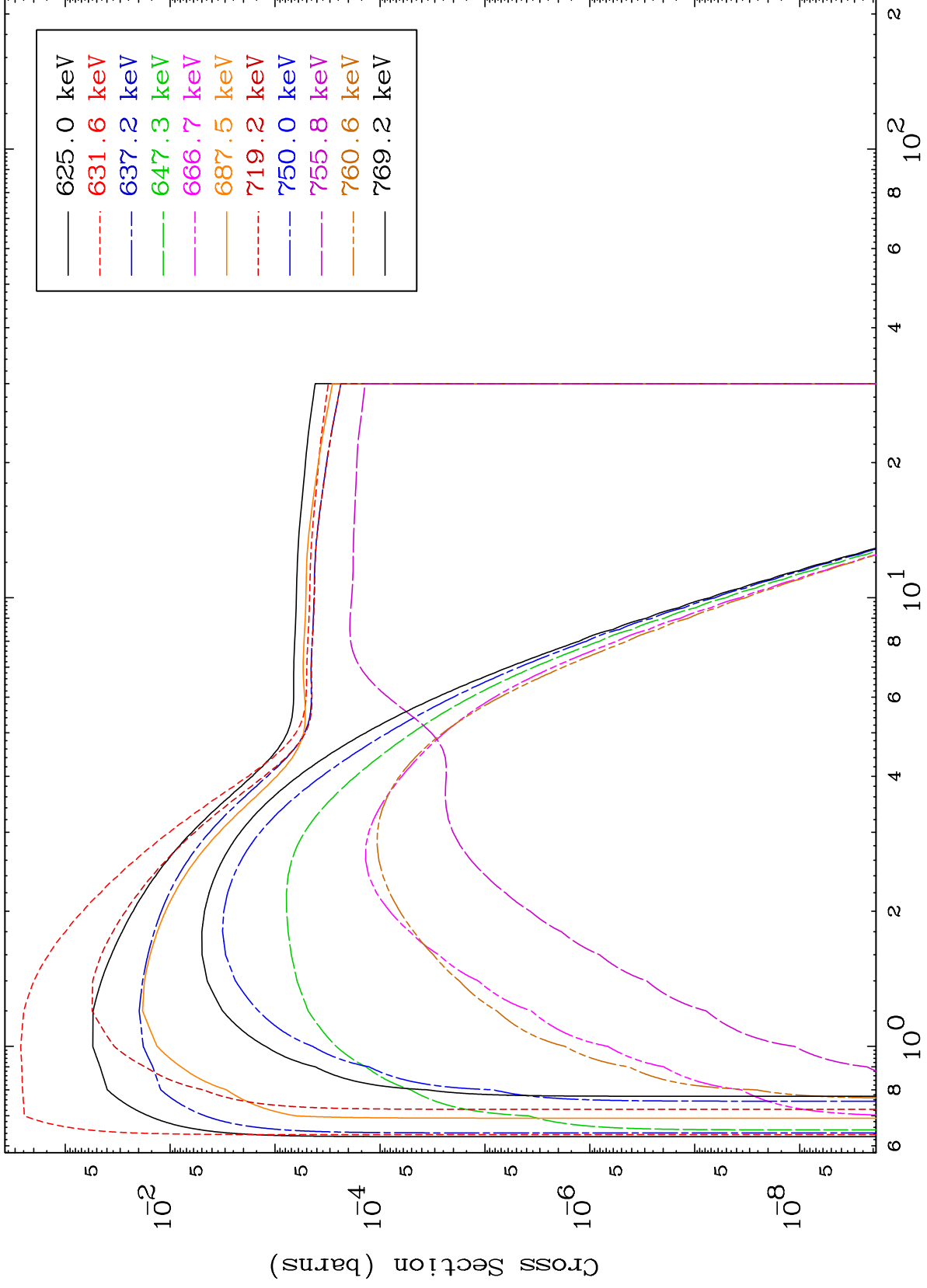




MAT 6658

(n,n') Level  
293 Kelvin Cross Sections

66-Dy-167



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Incident Energy (MeV)

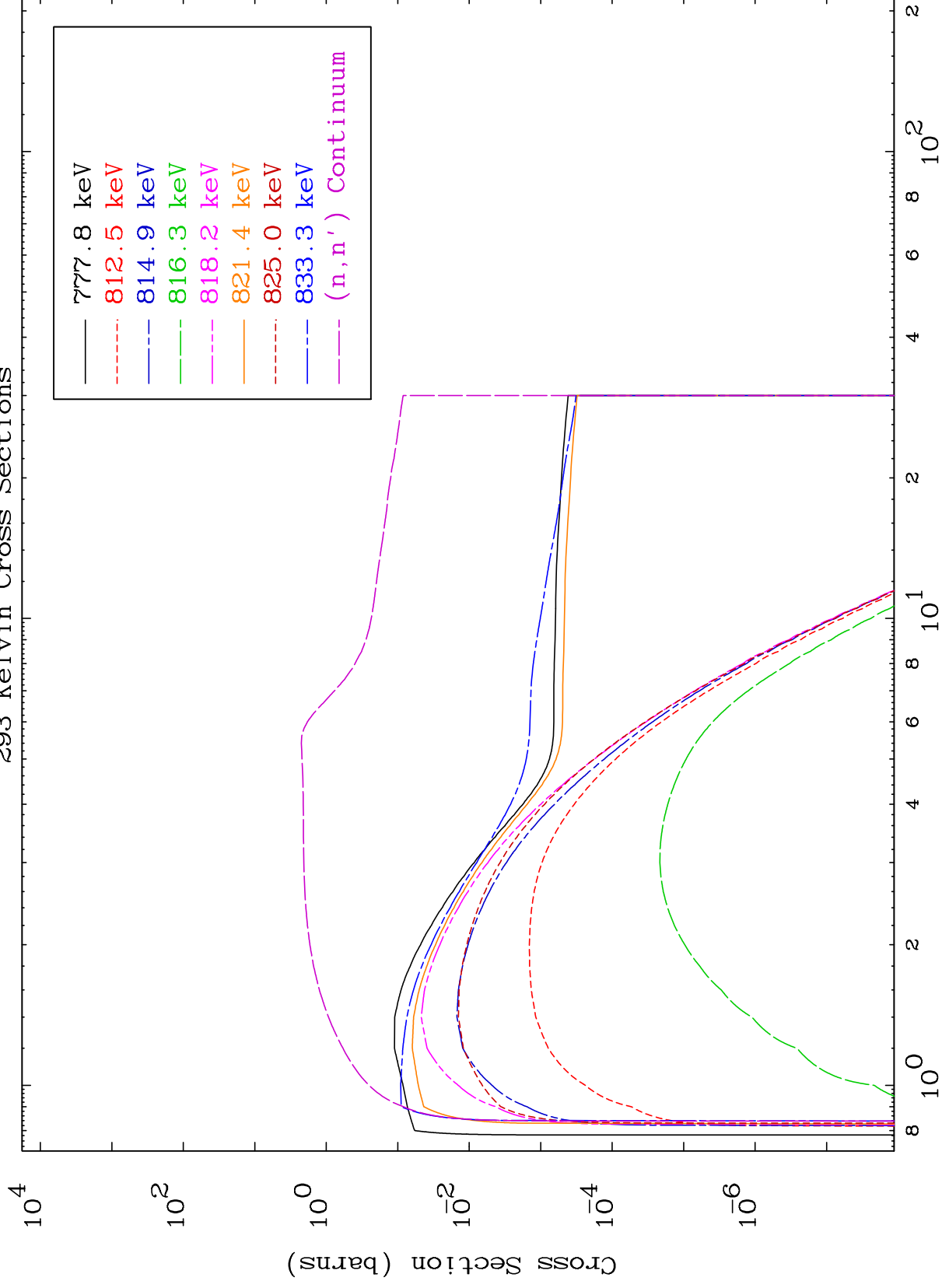
66-Dy-167

MAT 6658

(n,n') Level

66-Dy-167

293 Kelvin Cross Sections



9

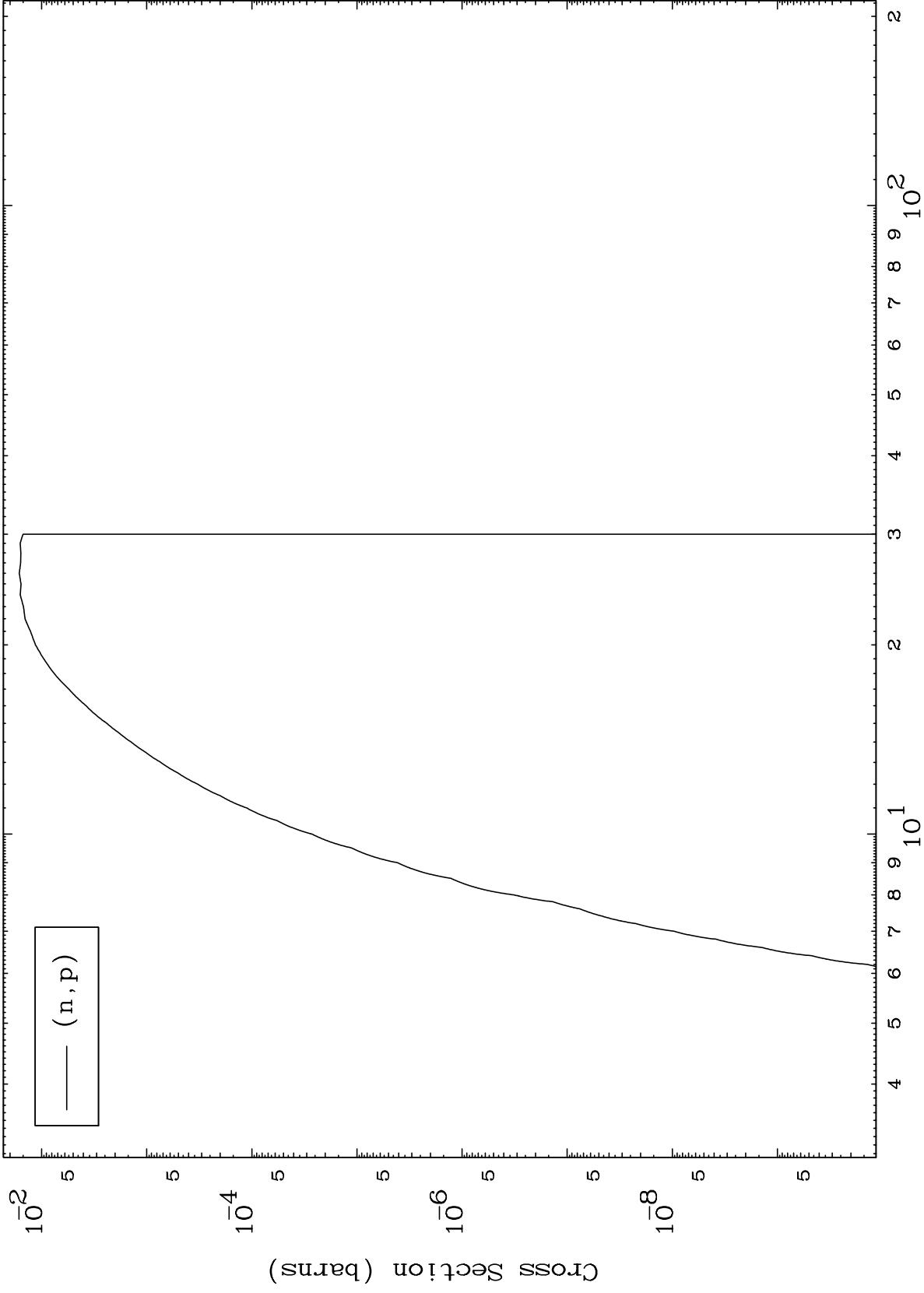
Incident Energy (MeV)

66-Dy-167

MAT 6658

(n,p) Levels  
293 Kelvin Cross Sections

66-Dy-167



10

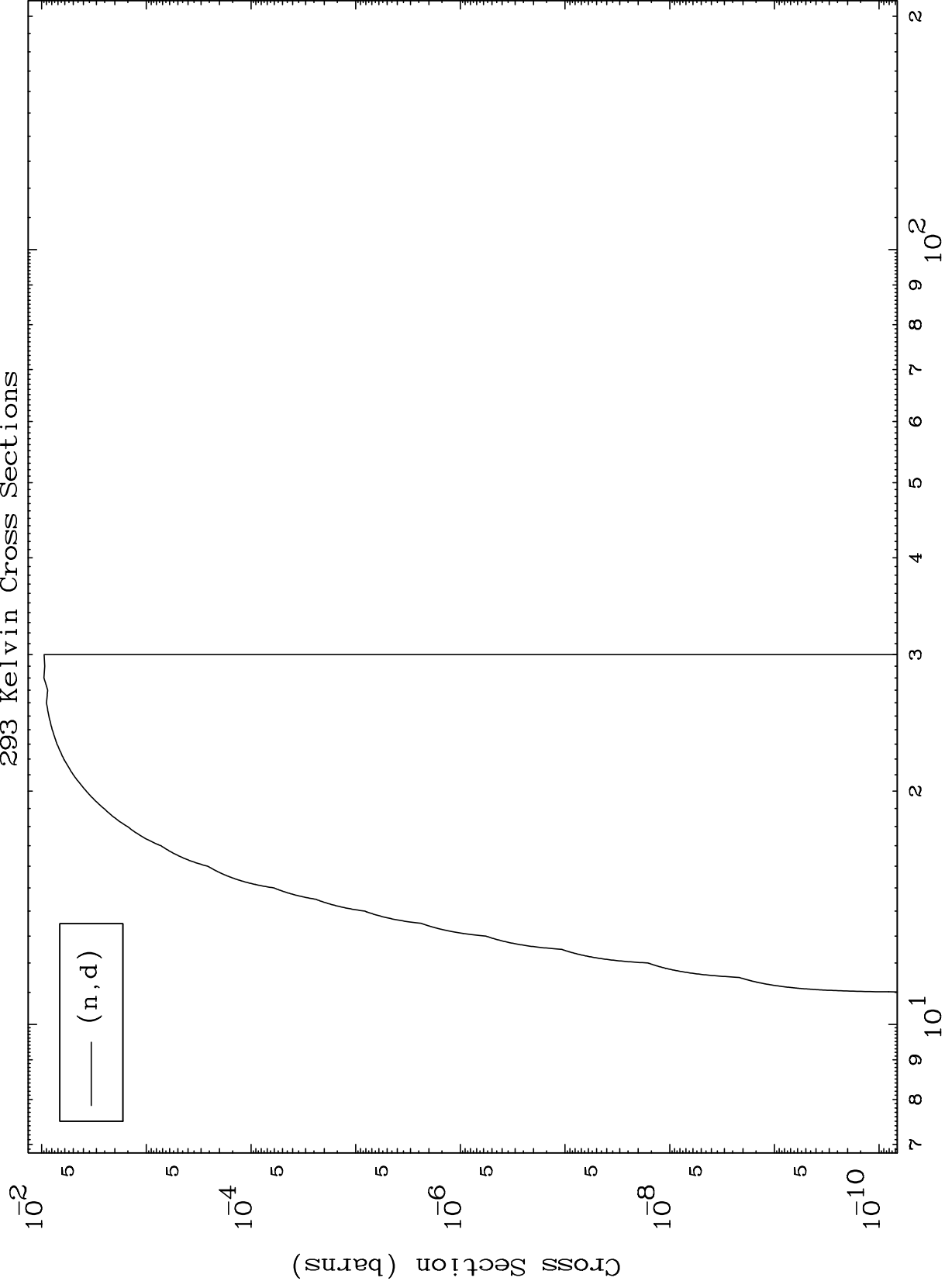
Incident Energy (MeV)

66-Dy-167

MAT 6658

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-167



11

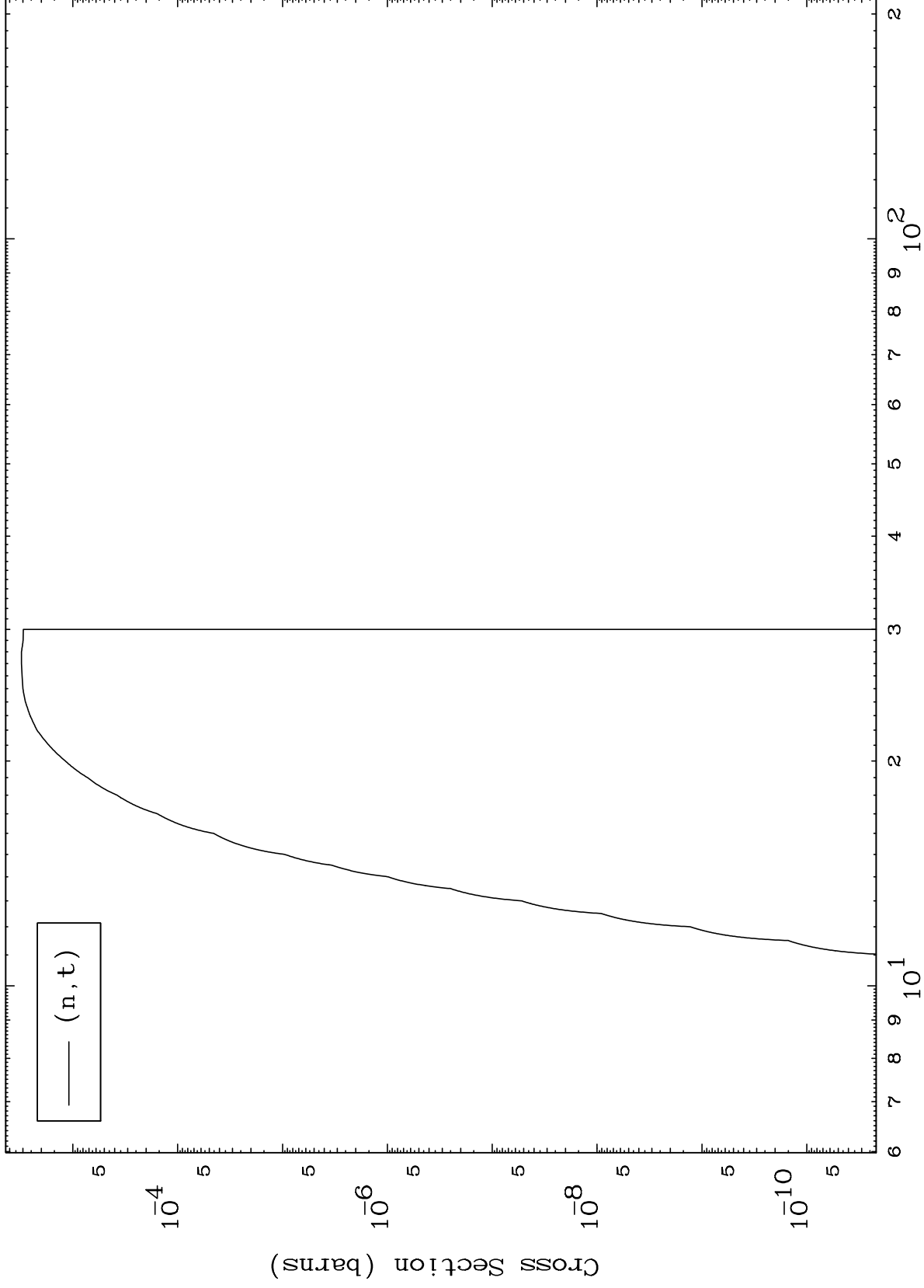
Incident Energy (MeV)

66-Dy-167

MAT 6658

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-167



12

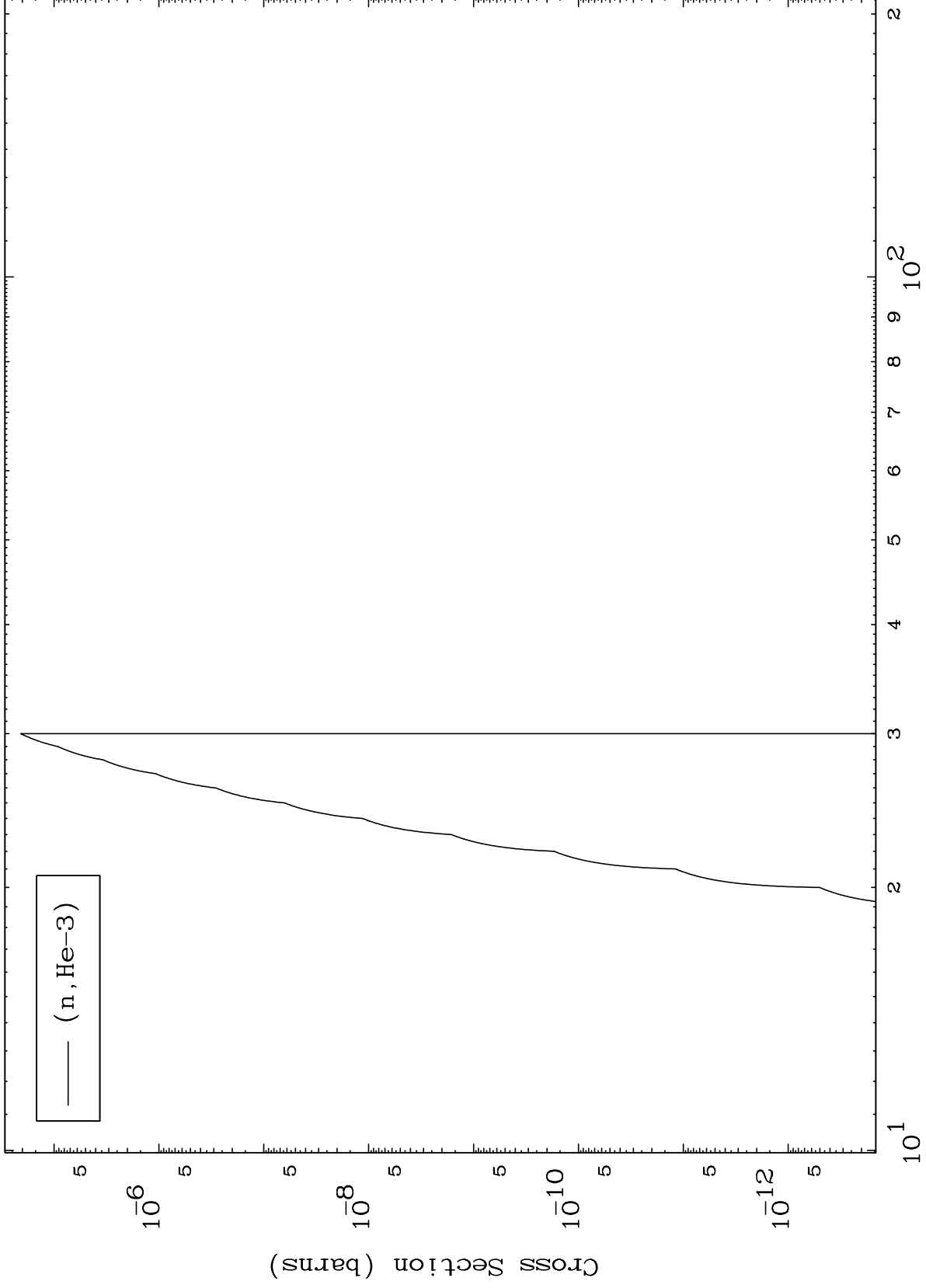
Incident Energy (MeV)

66-Dy-167

MAT 6658

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-167



13

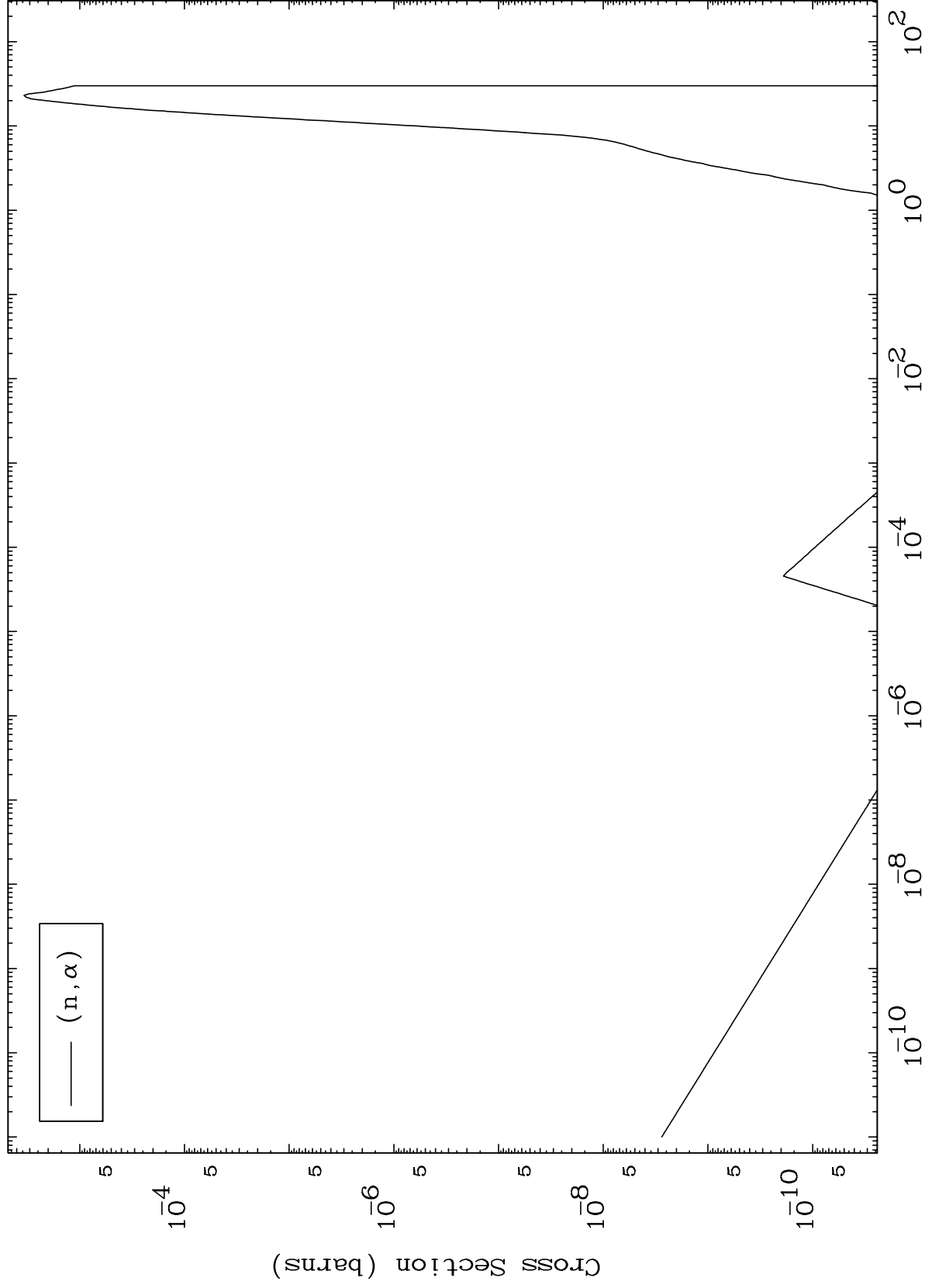
Incident Energy (MeV)

66-Dy-167

MAT 6658

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

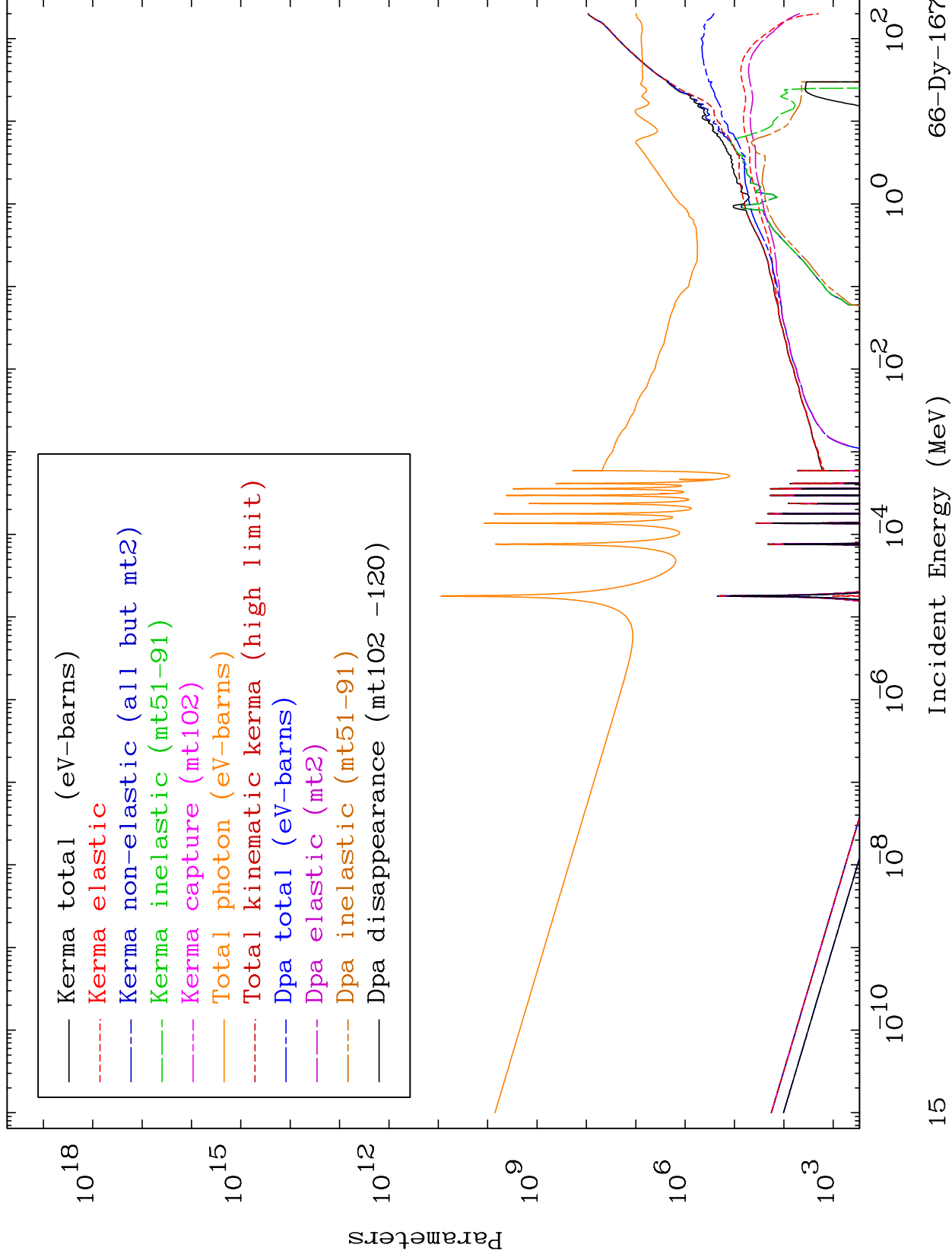
66-Dy-167



14

Incident Energy (MeV)

66-Dy-167

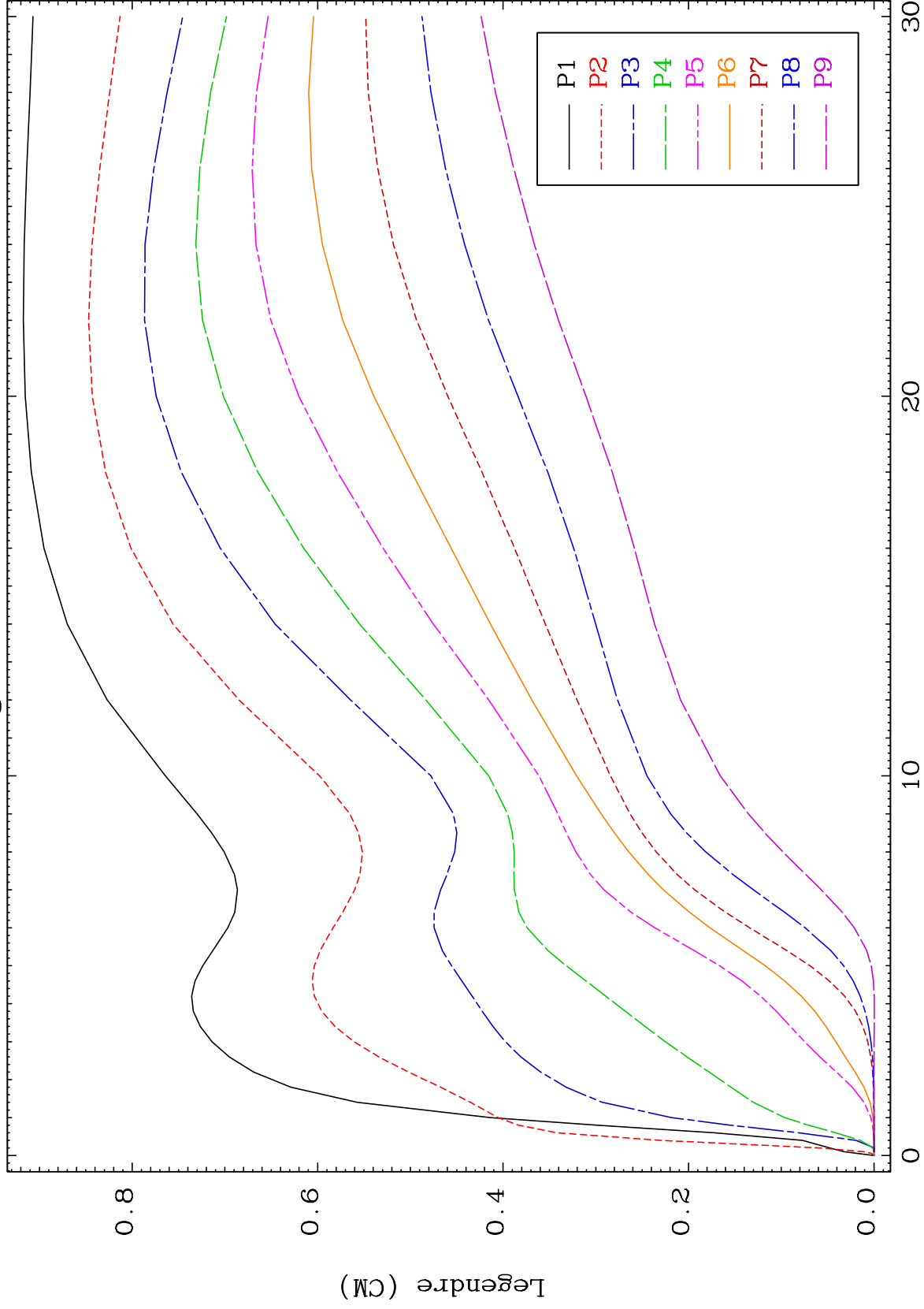




MAT 6658

Elastic Legendre Coefficients

66-Dy-167



16

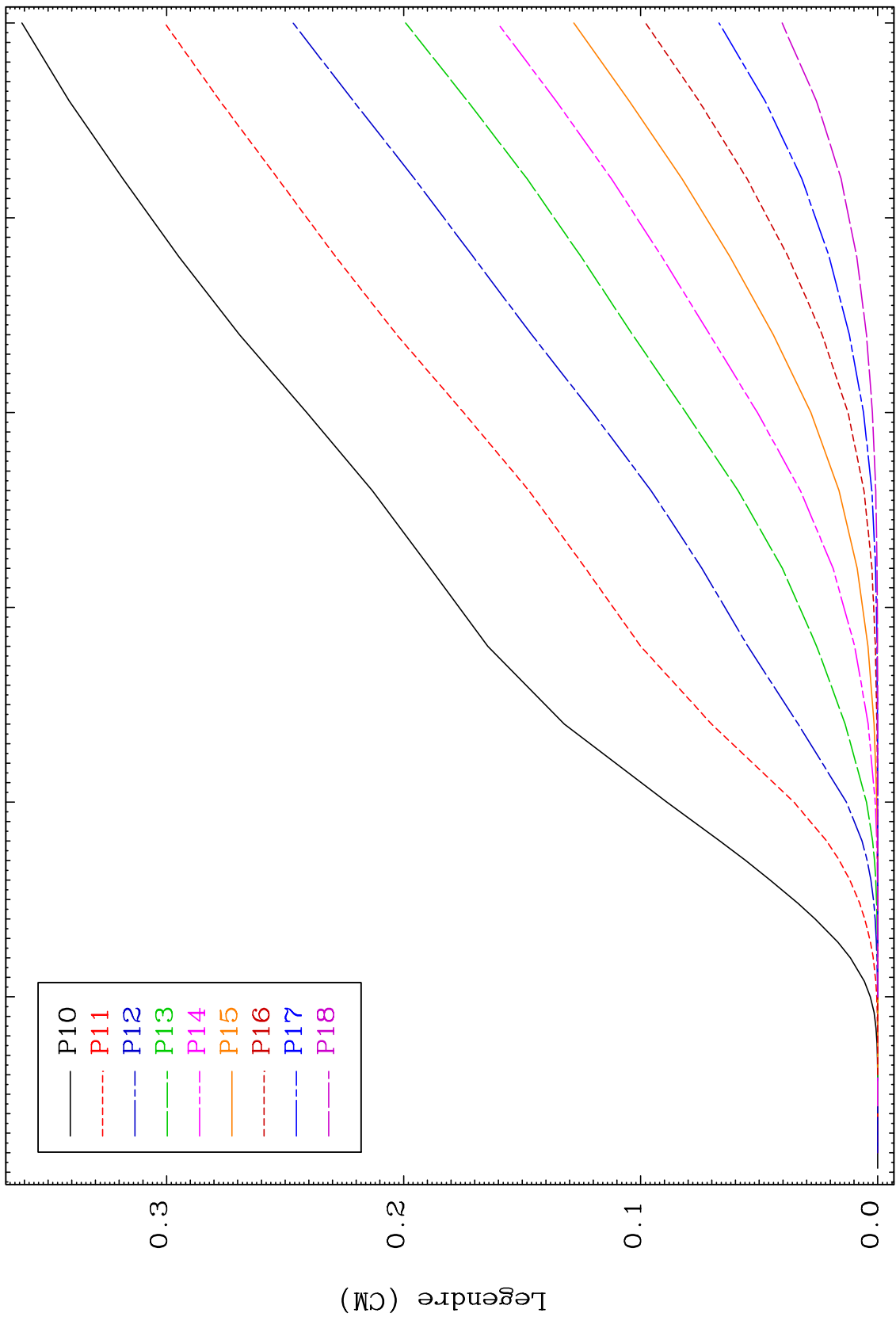
Incident Energy (MeV)

66-Dy-167

MAT 6658

Elastic Legendre Coefficients

66-Dy-167



17

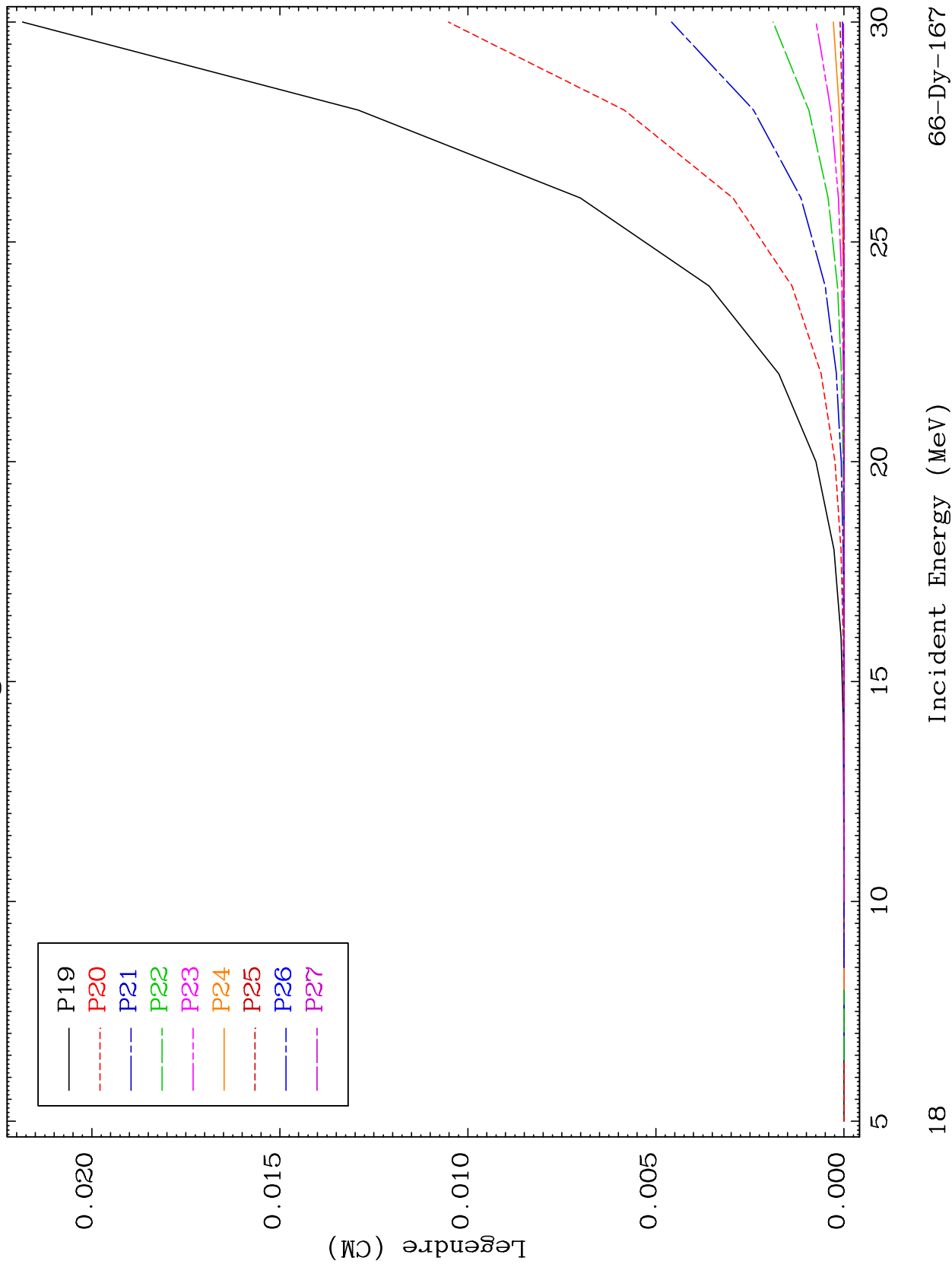
Incident Energy (MeV)

66-Dy-167

MAT 6658

Elastic  
Legendre Coefficients

66-Dy-167



66-Dy-167

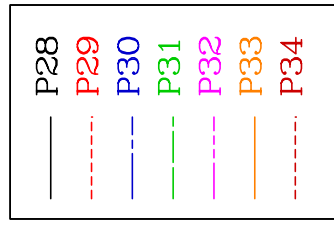
Incident Energy (MeV)

18

MAT 6658

Elastic Legendre Coefficients

66-Dy-167



$\times 10^{-6}$

Legendre (CM)

10

15

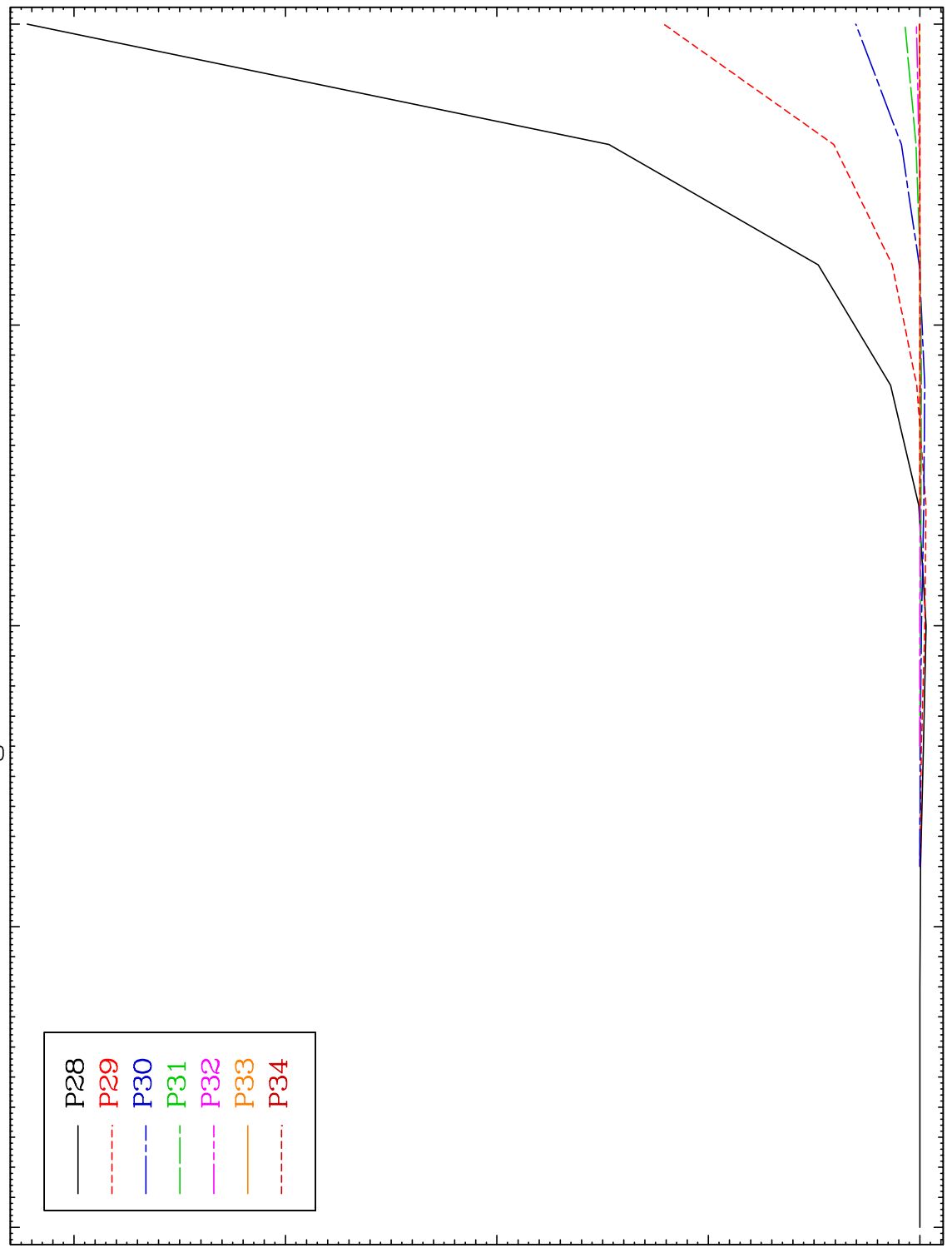
20

25

30

Incident Energy (MeV)

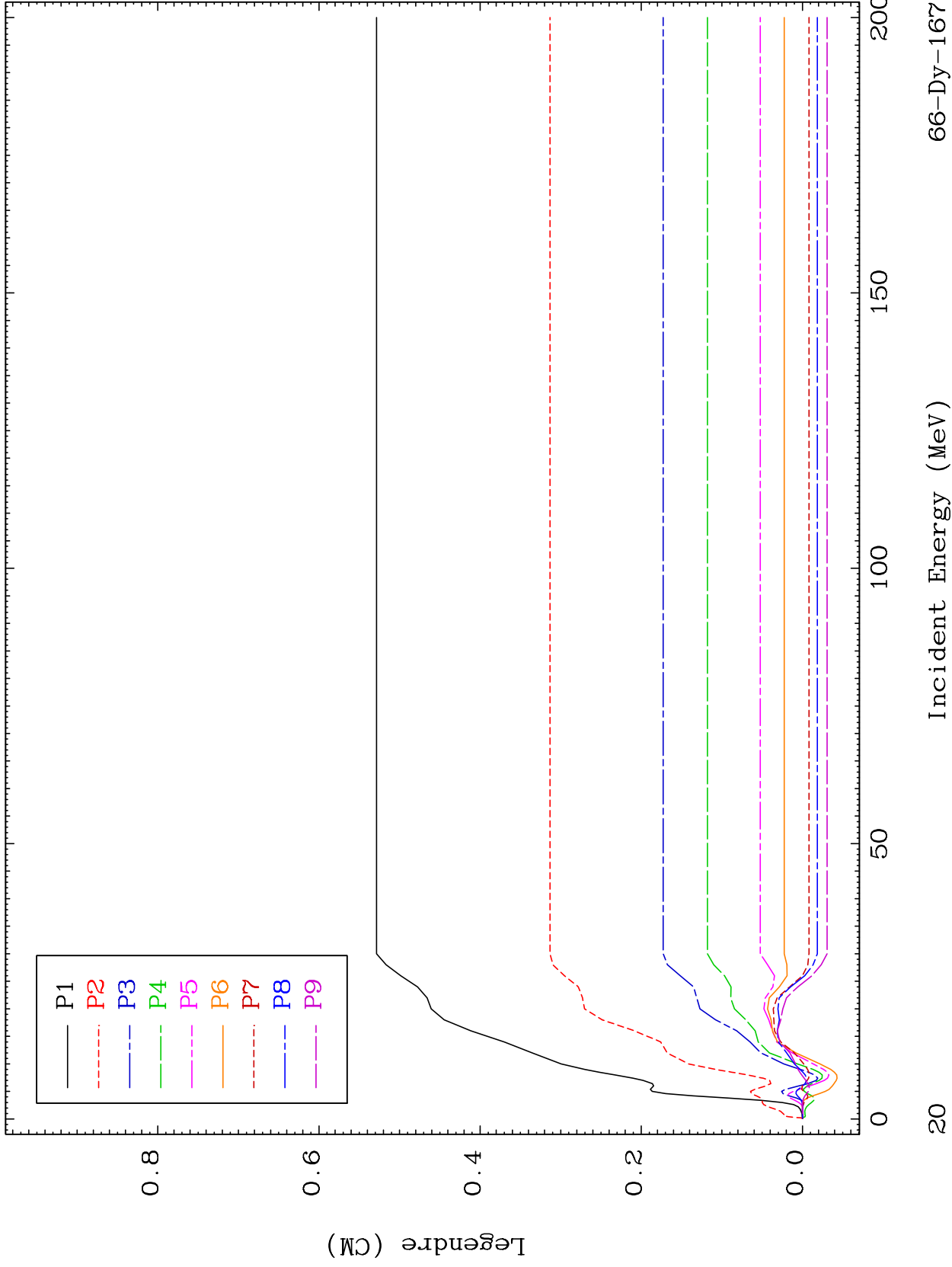
66-Dy-167



MAT 6658

57.20 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



66-Dy-167

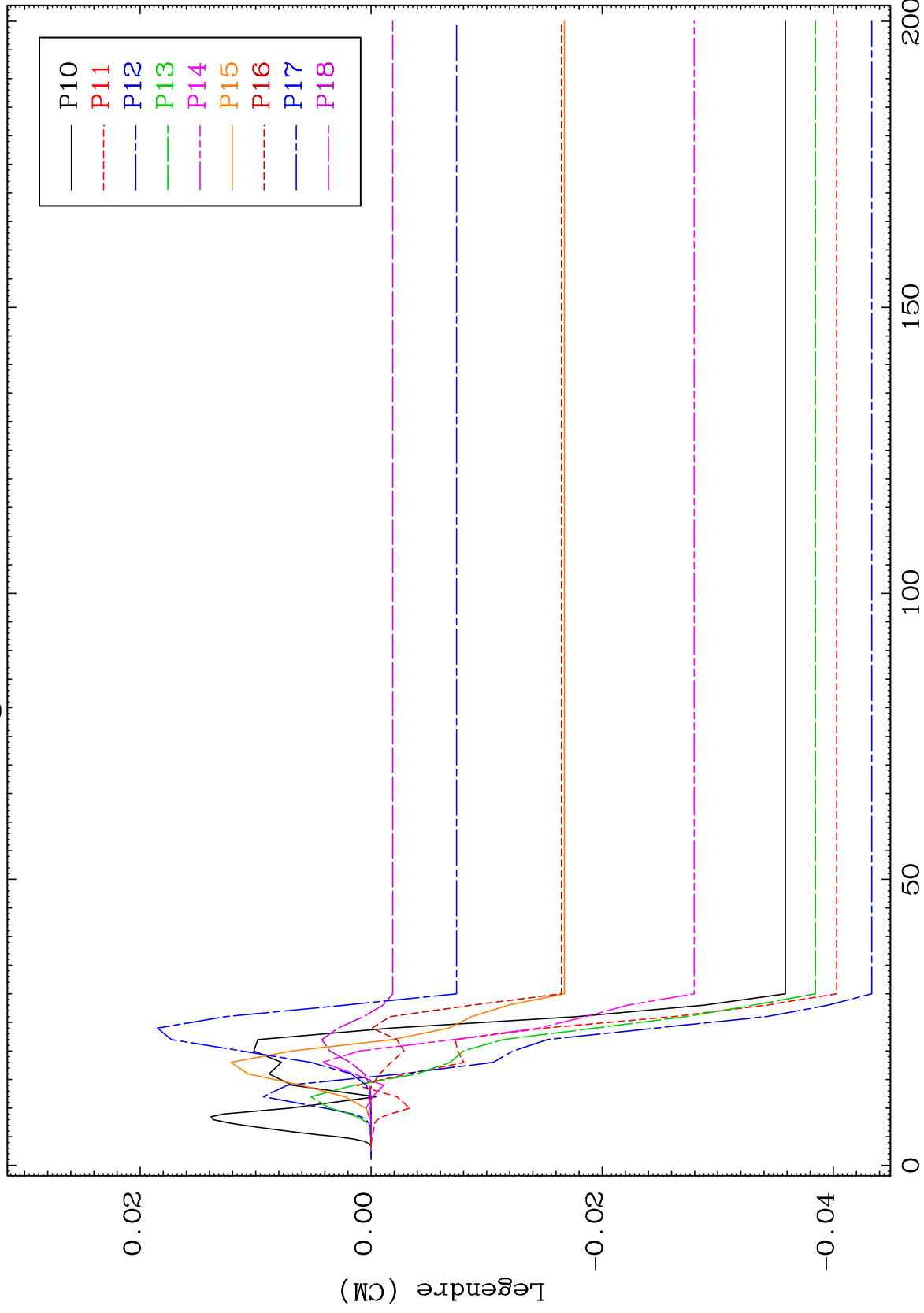
Incident Energy (MeV)

0

MAT 6658

57.20 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



21

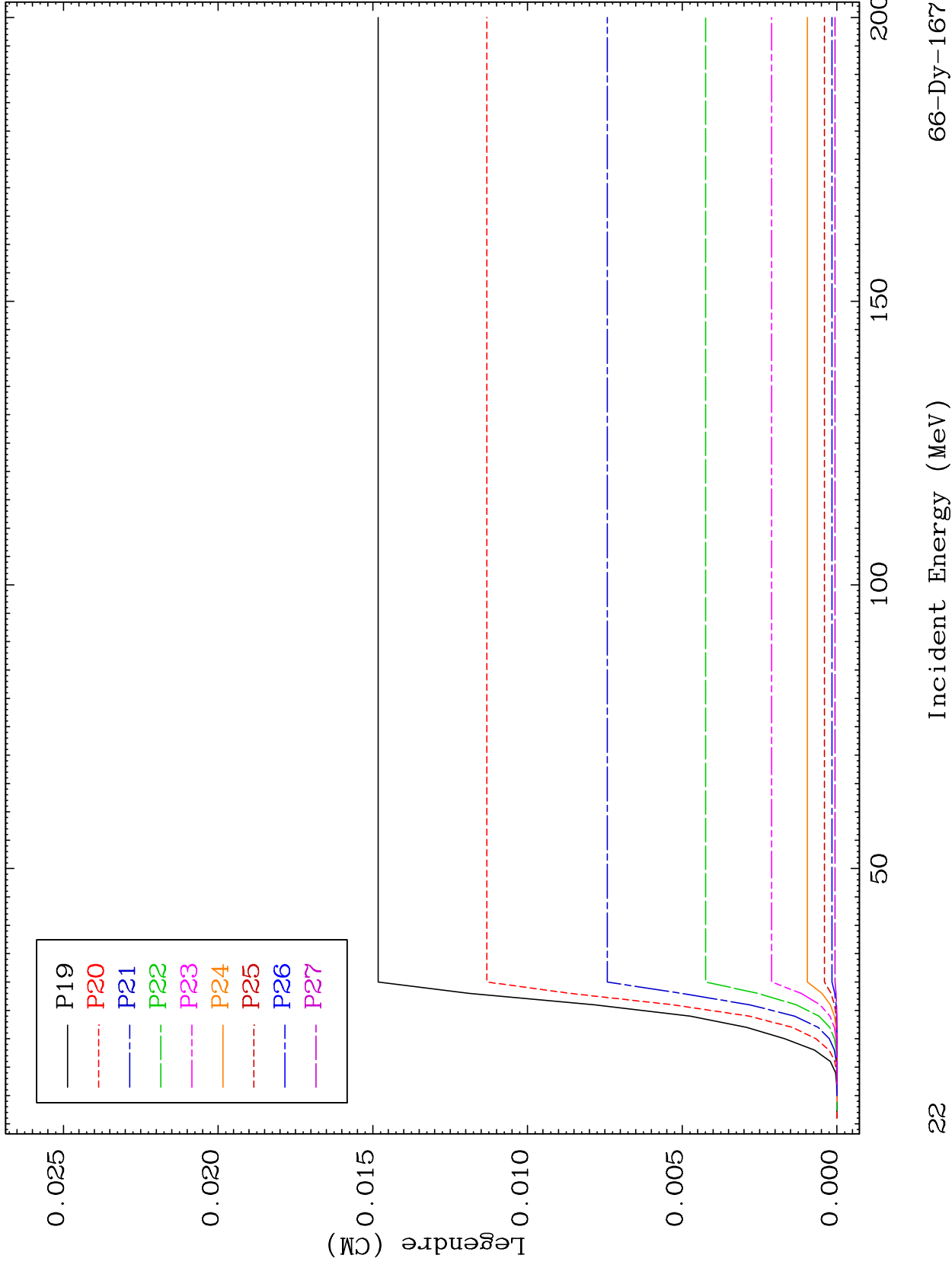
Incident Energy (MeV)

66-Dy-167

MAT 6658

57.20 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



22

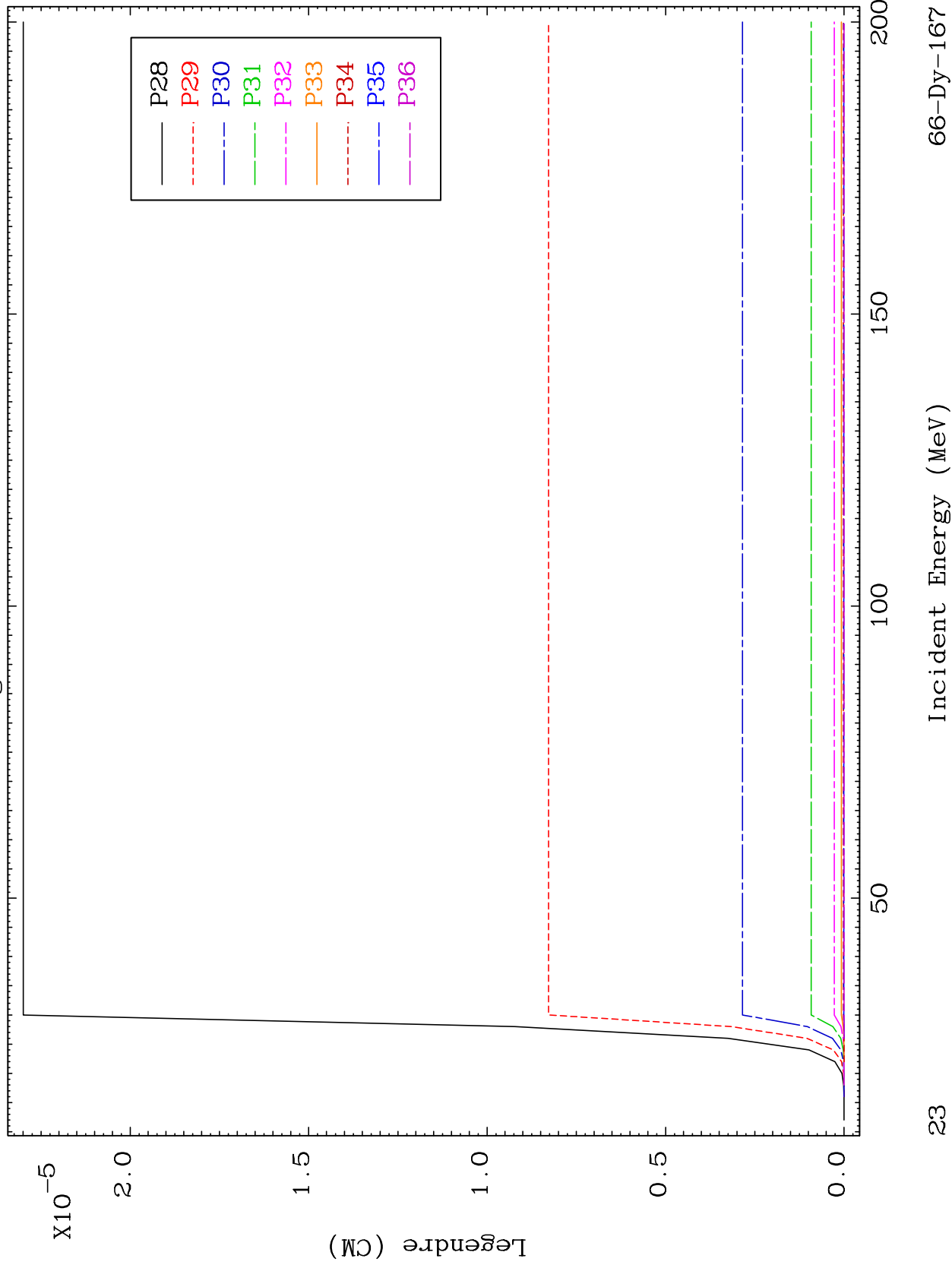
Incident Energy (MeV)

66-Dy-167

MAT 6658

57.20 keV (n,n') Level  
Legendre Coefficients

66-Dy-167

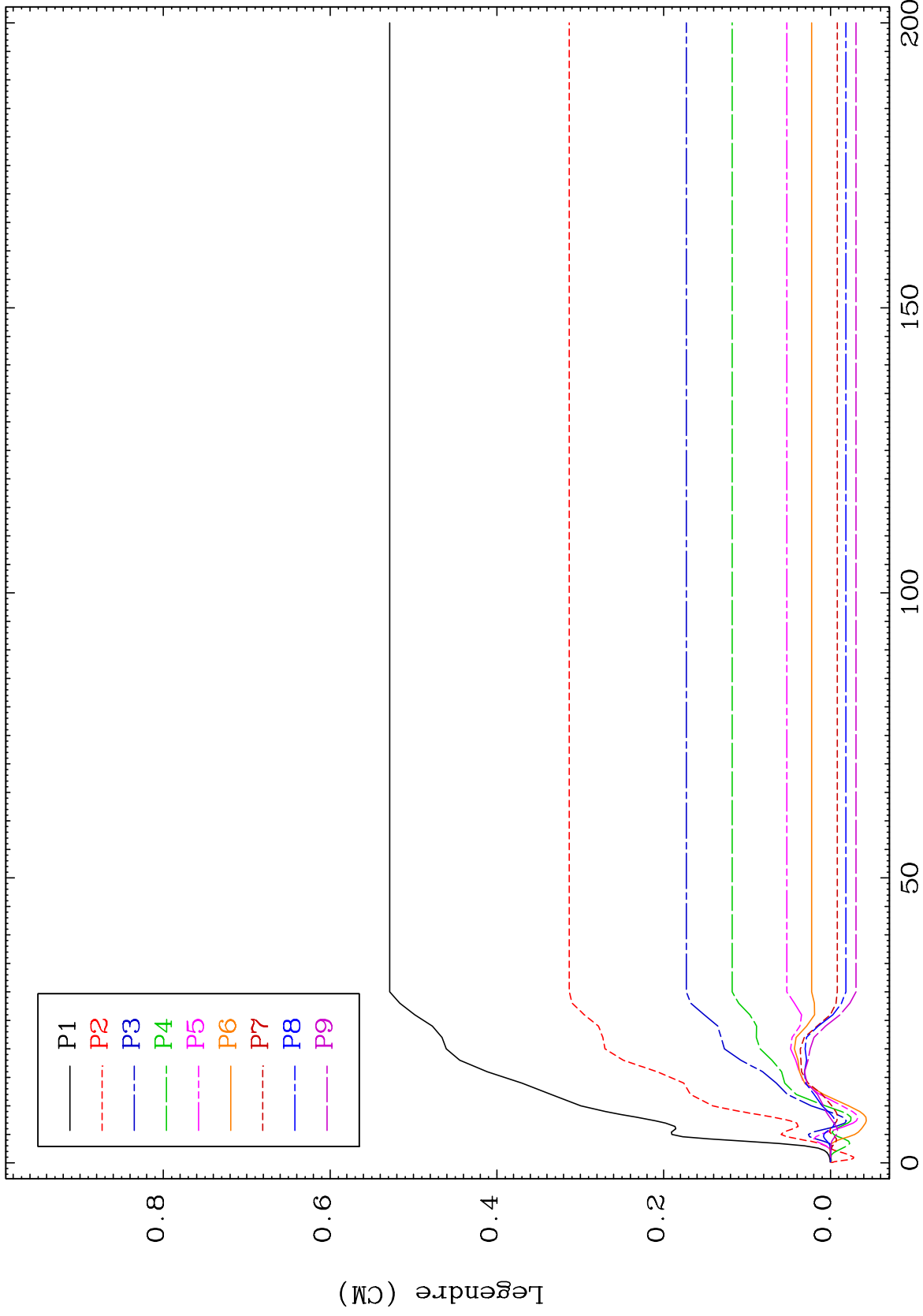




MAT 6658

69.70 keV (n,n') Level  
Legendre Coefficients

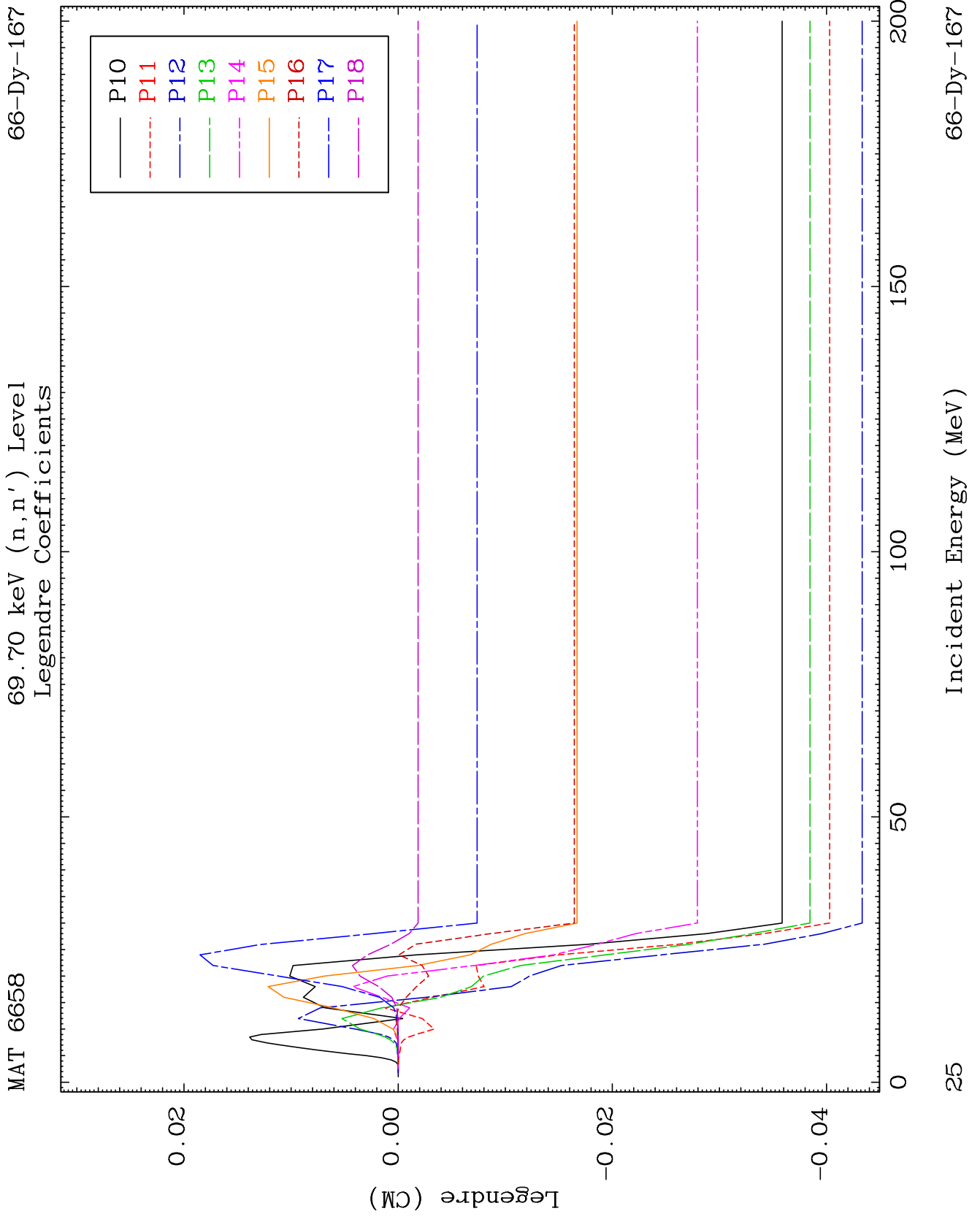
66-Dy-167

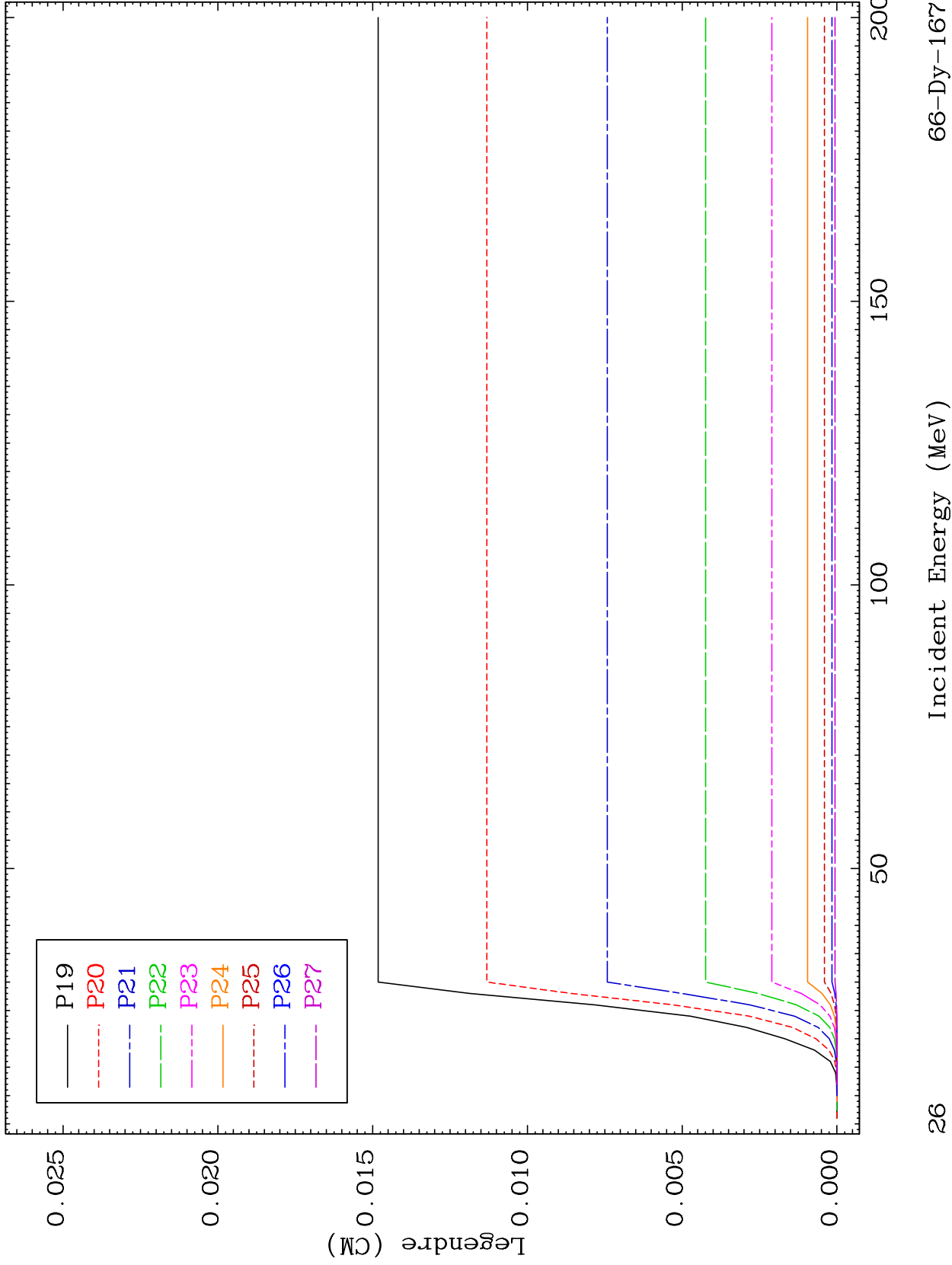


24

Incident Energy (MeV)

66-Dy-167

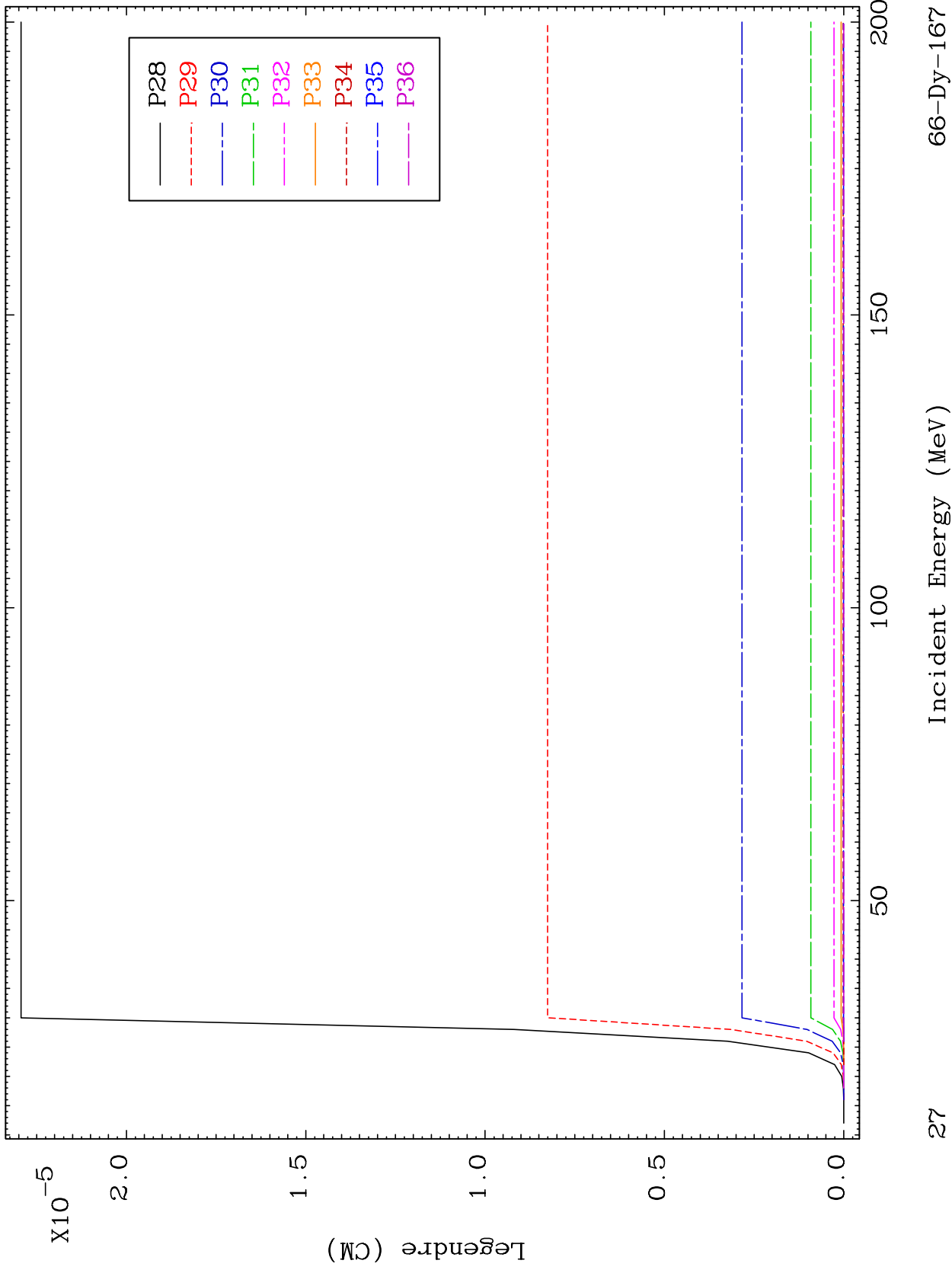


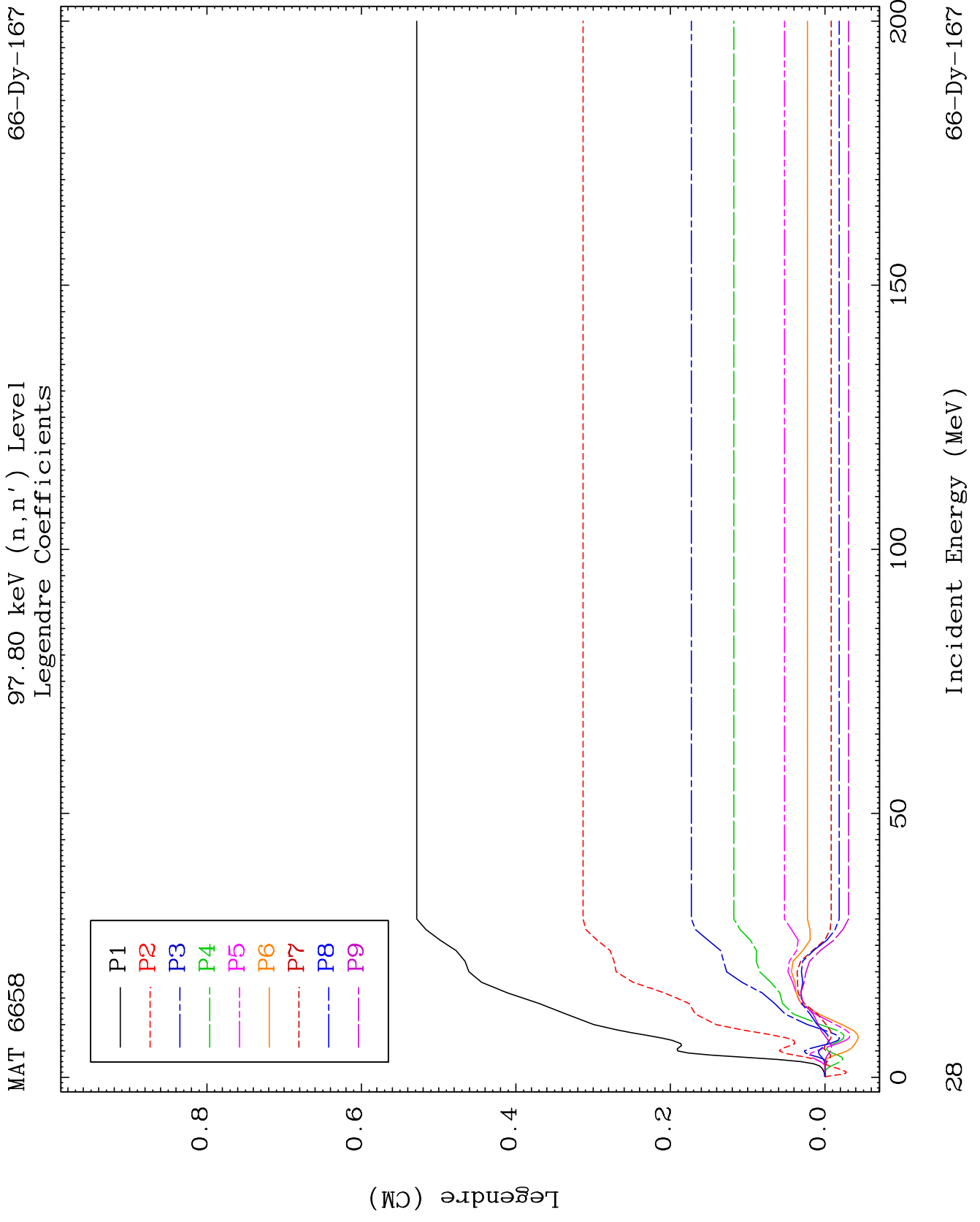


MAT 6658

69.70 keV (n,n') Level  
Legendre Coefficients

66-Dy-167

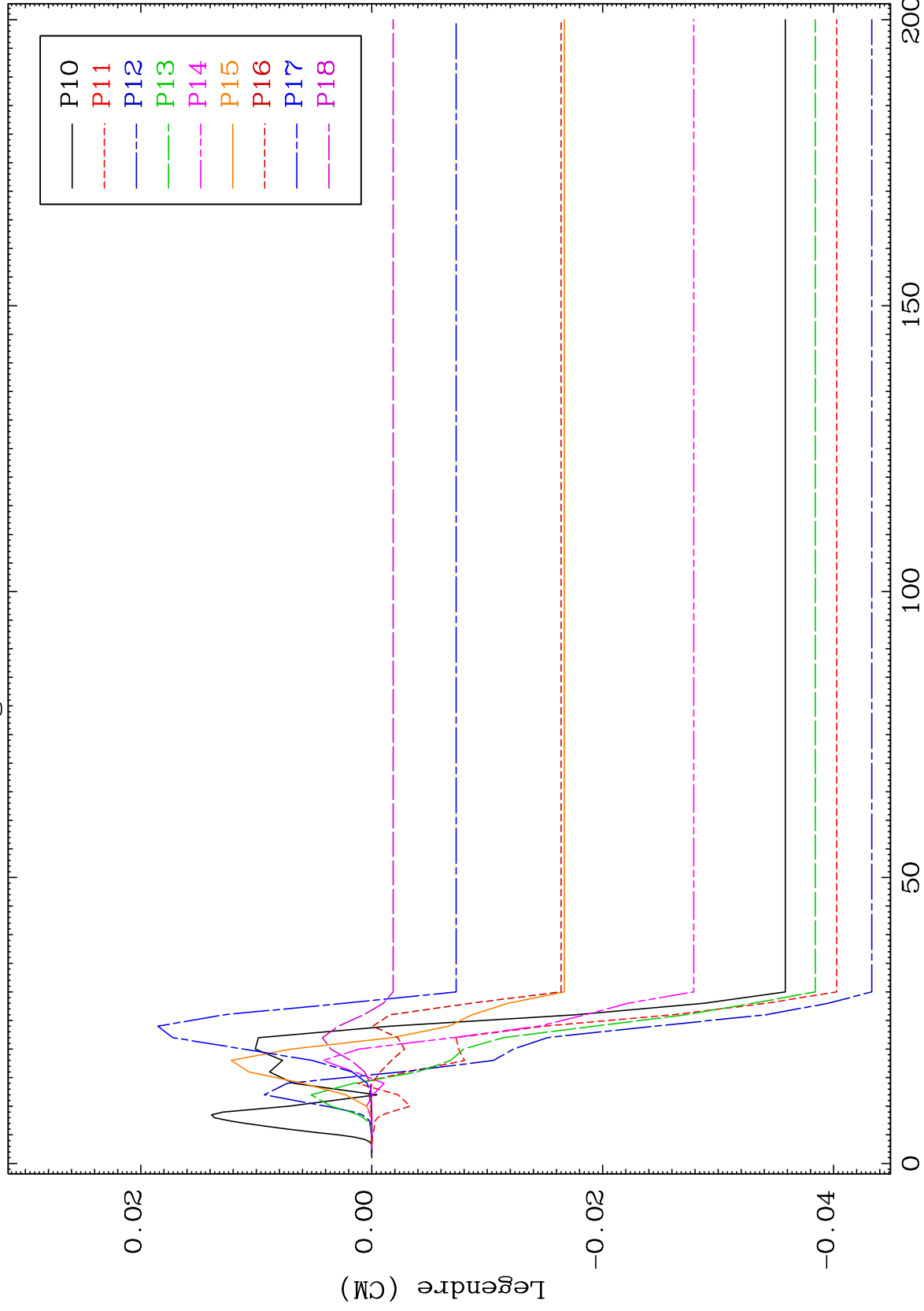




MAT 6658

97.80 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



29

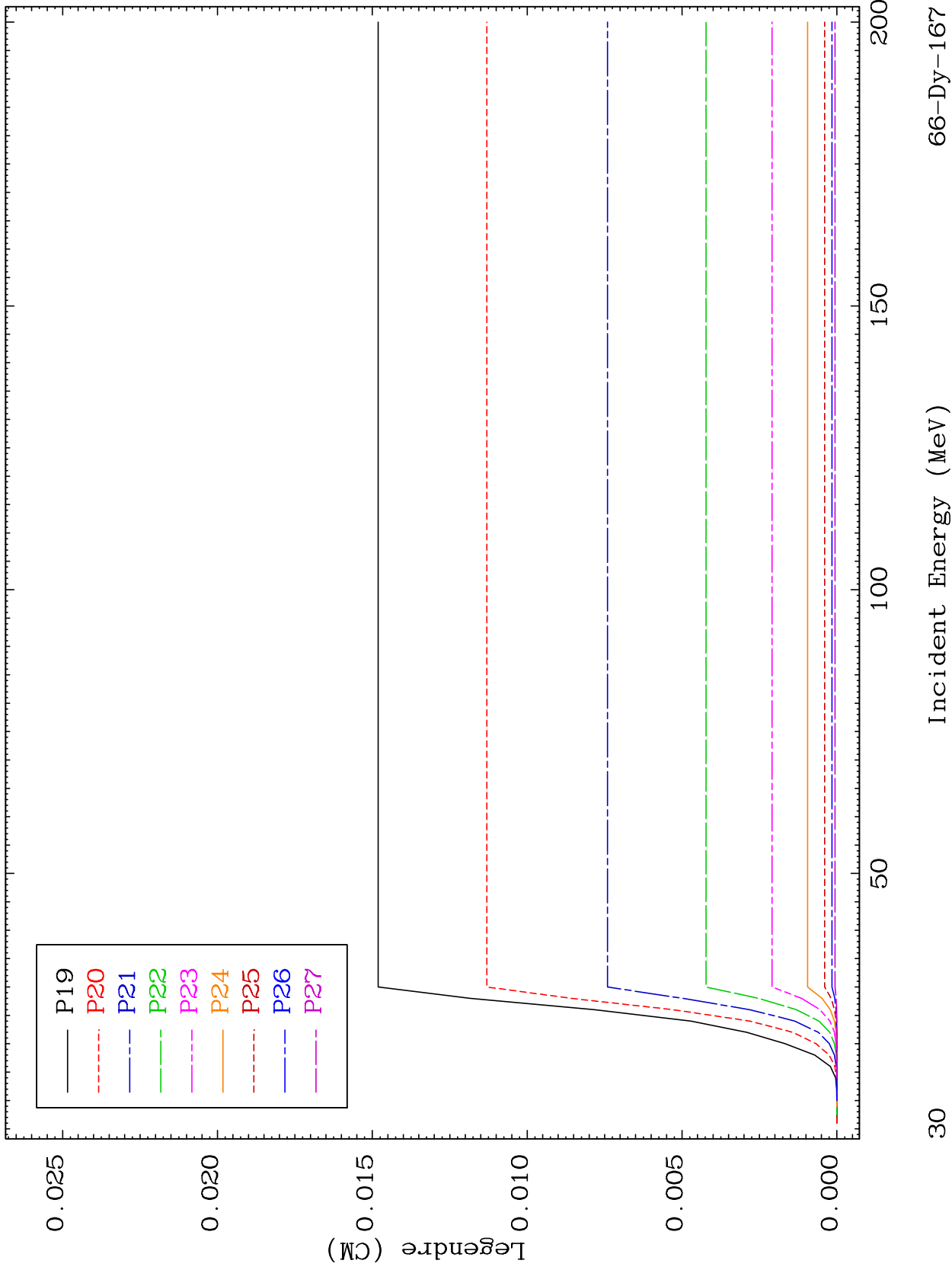
Incident Energy (MeV)

66-Dy-167

MAT 6658

97.80 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



66-Dy-167

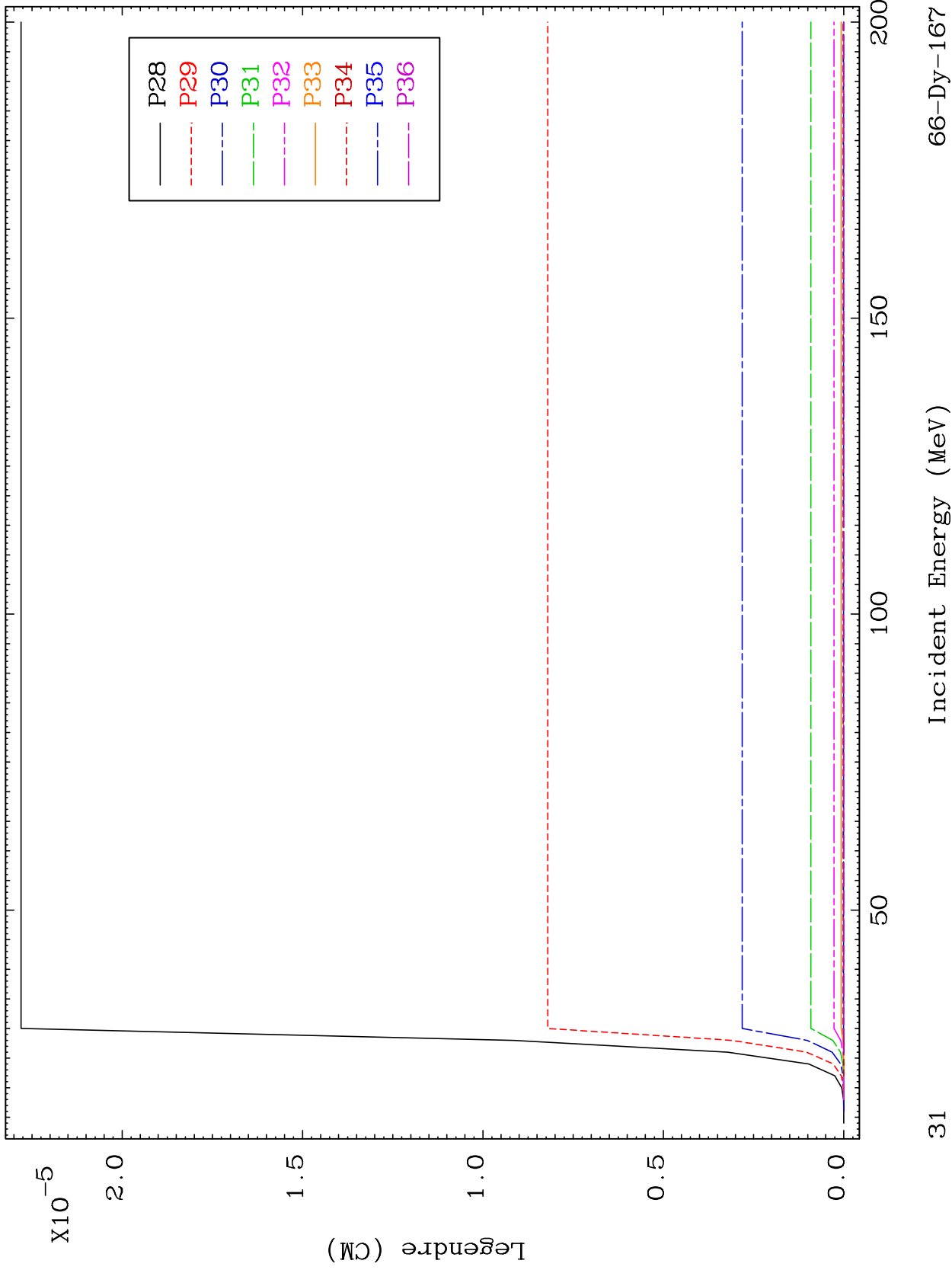
Incident Energy (MeV)

30

MAT 6658

97.80 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



31

Incident Energy (MeV)

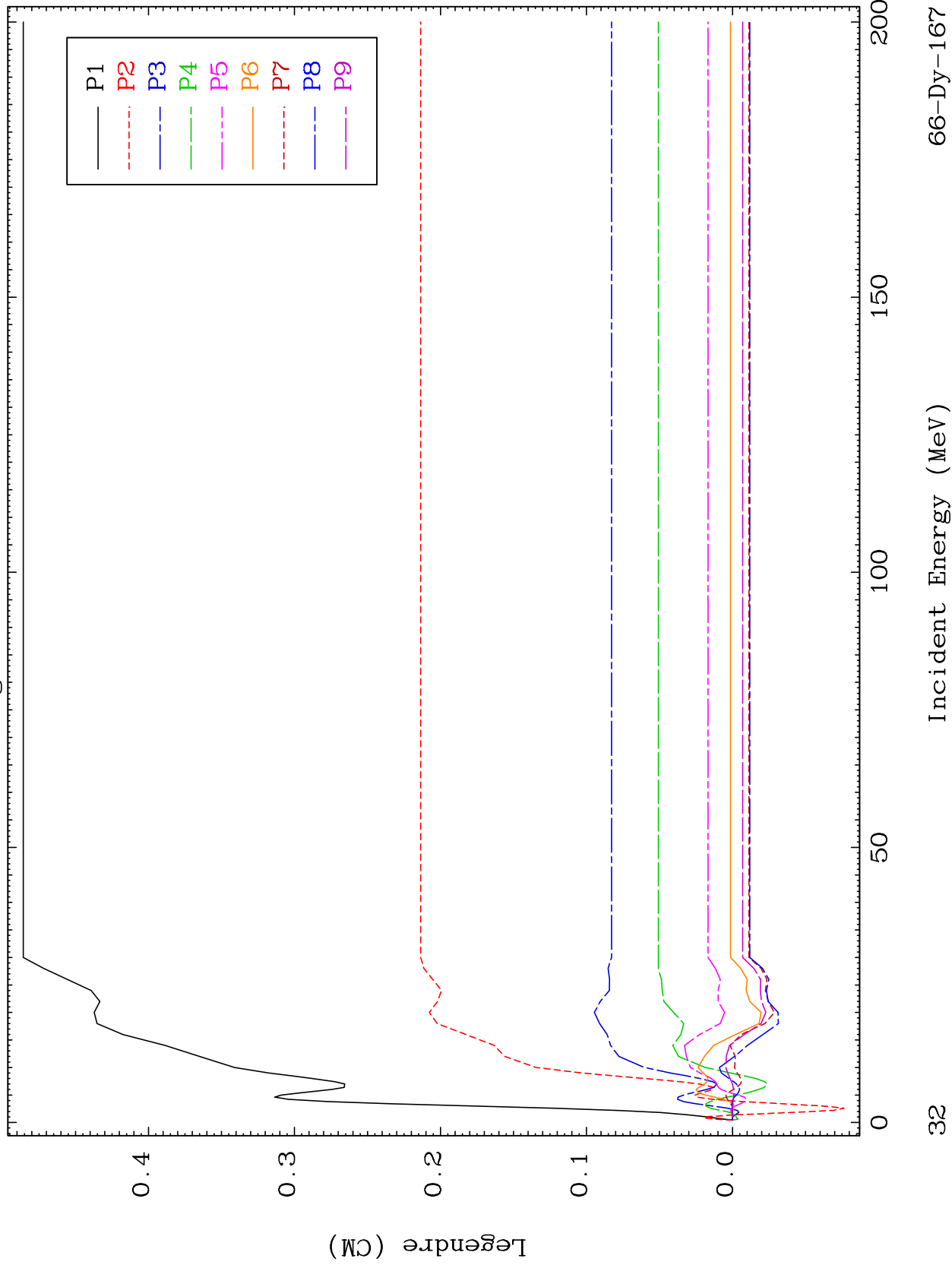
66-Dy-167



MAT 6658

437.5 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



66-Dy-167

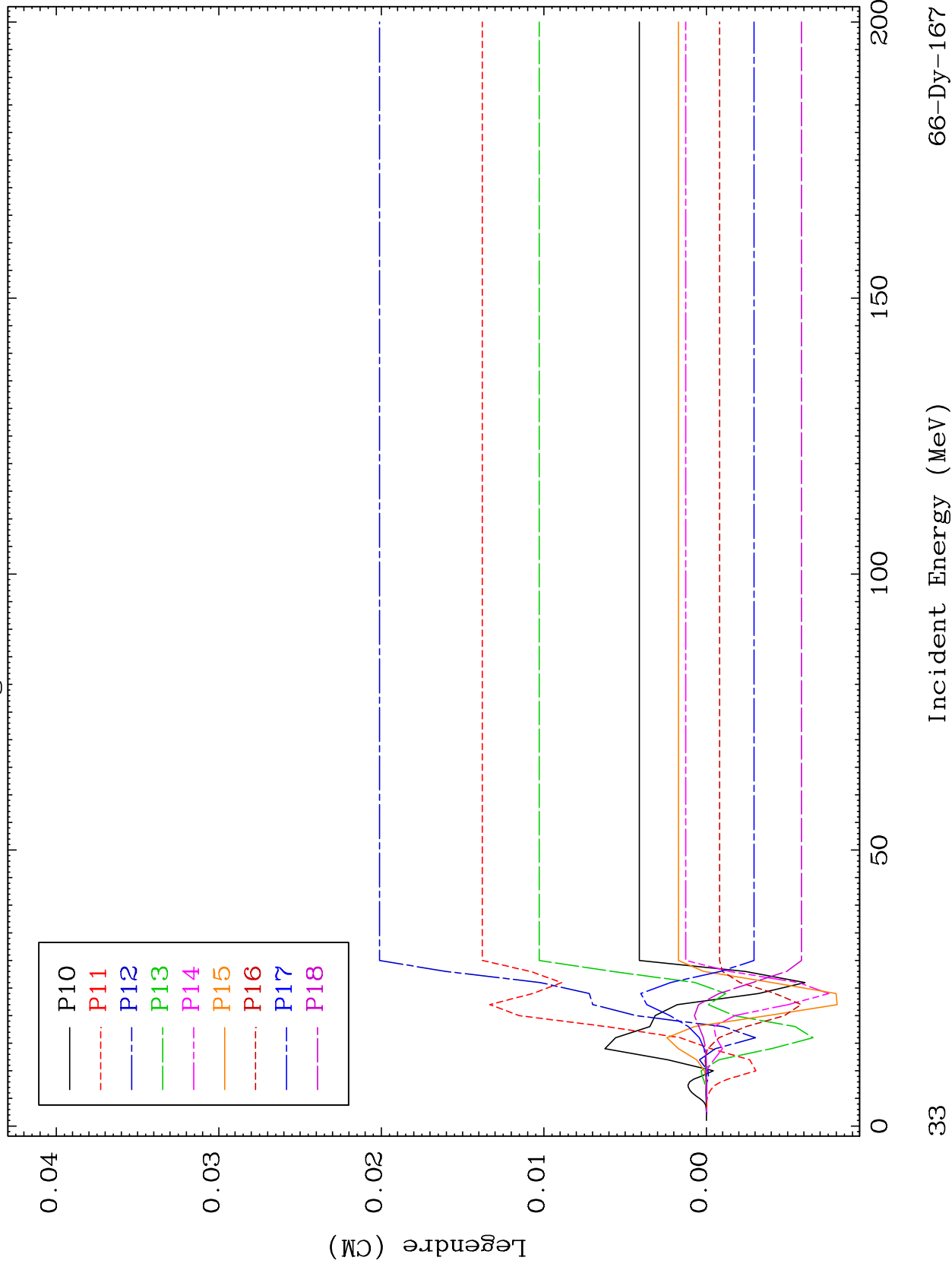
Incident Energy (MeV)

32

MAT 6658

437.5 keV (n,n') Level  
Legendre Coefficients

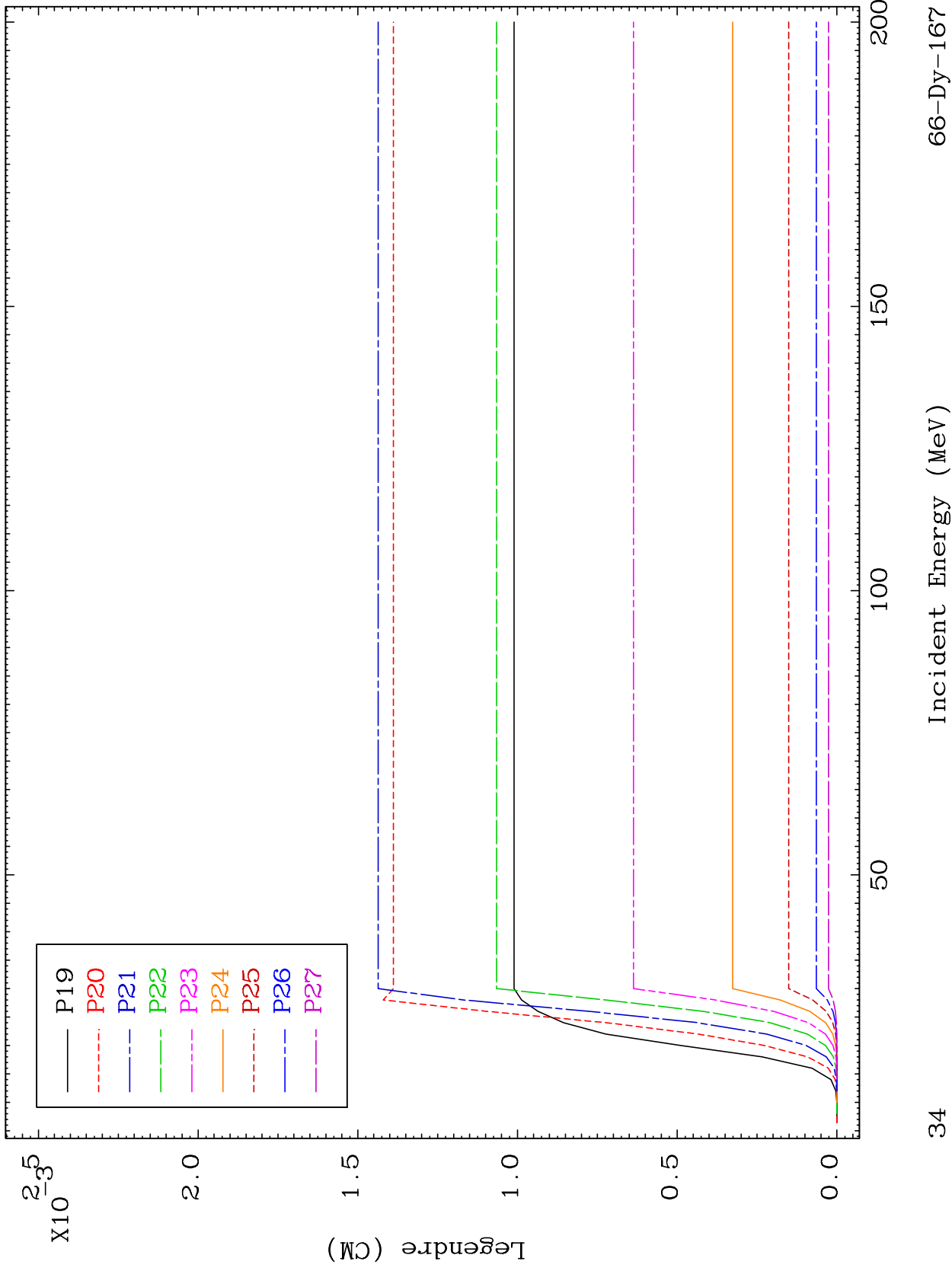
66-Dy-167

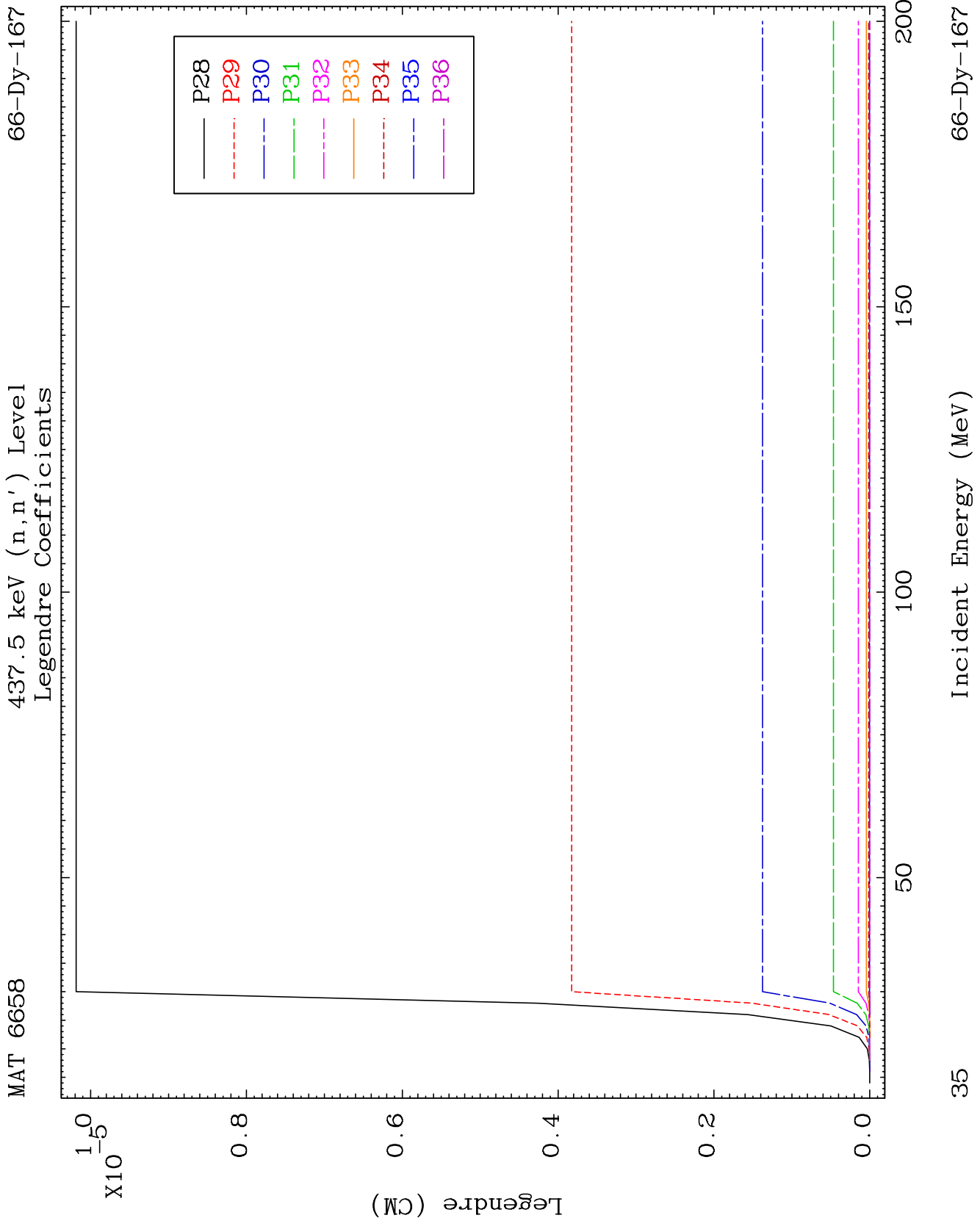


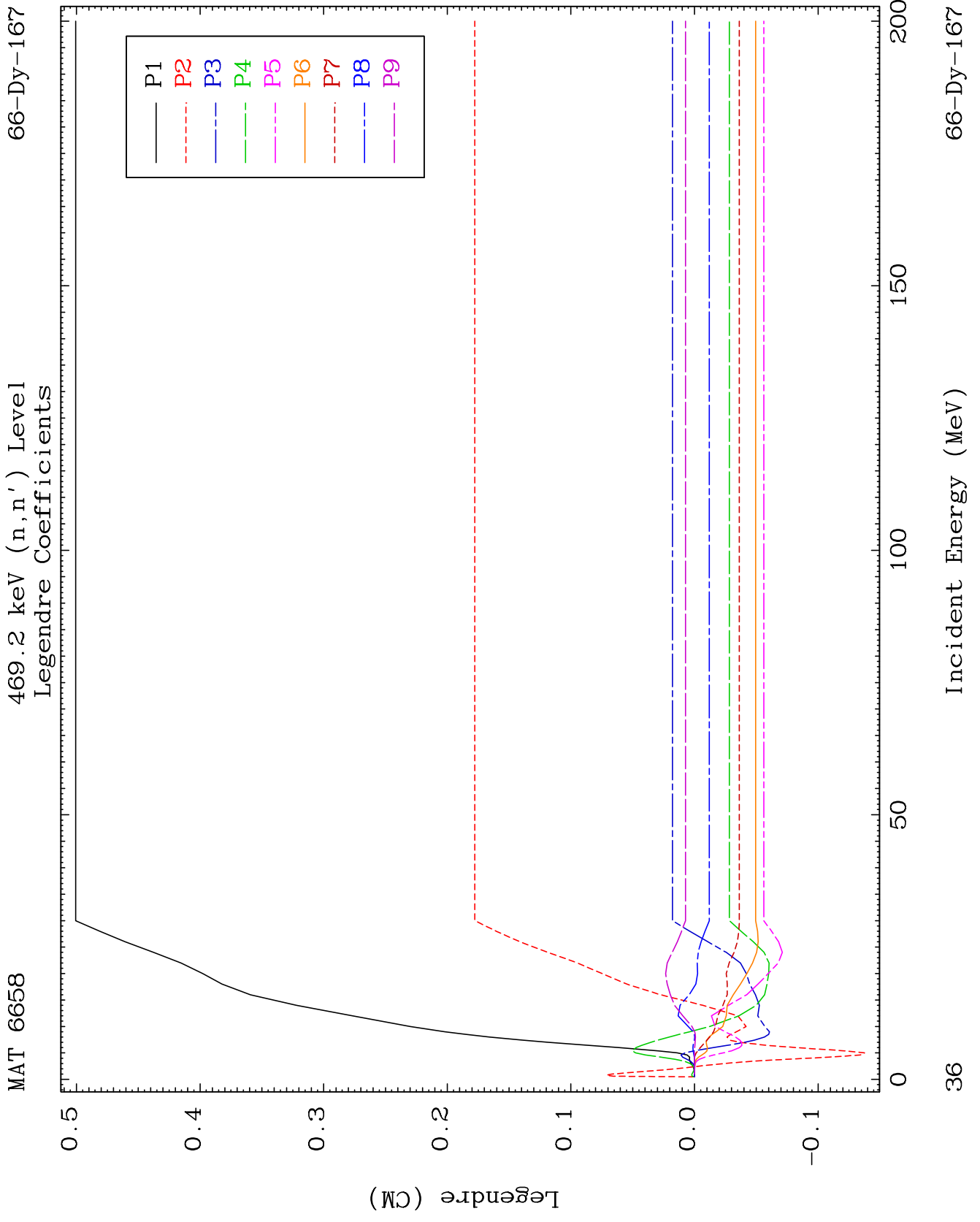
33

Incident Energy (MeV)

66-Dy-167



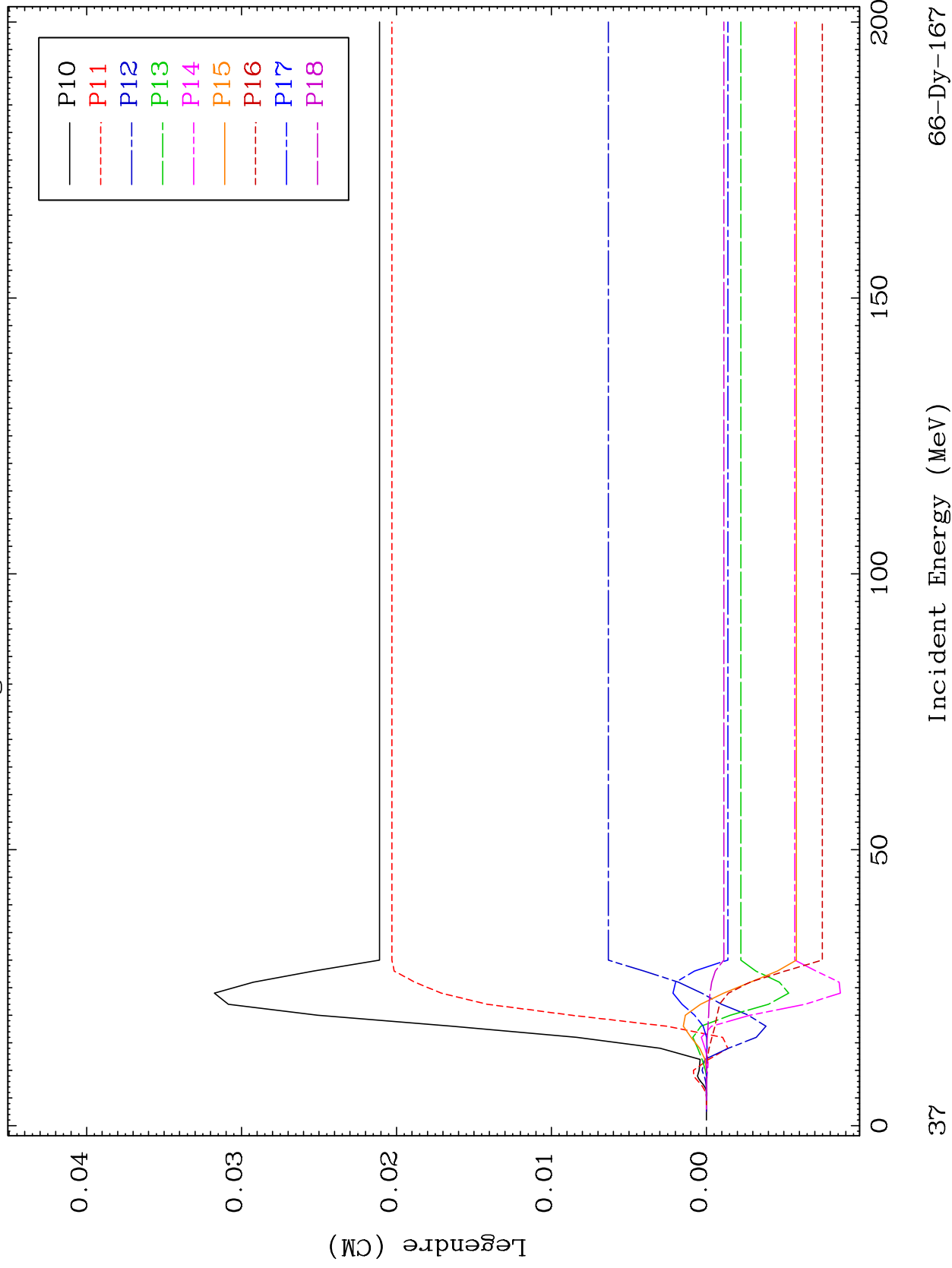




MAT 6658

469.2 keV (n,n') Level  
Legendre Coefficients

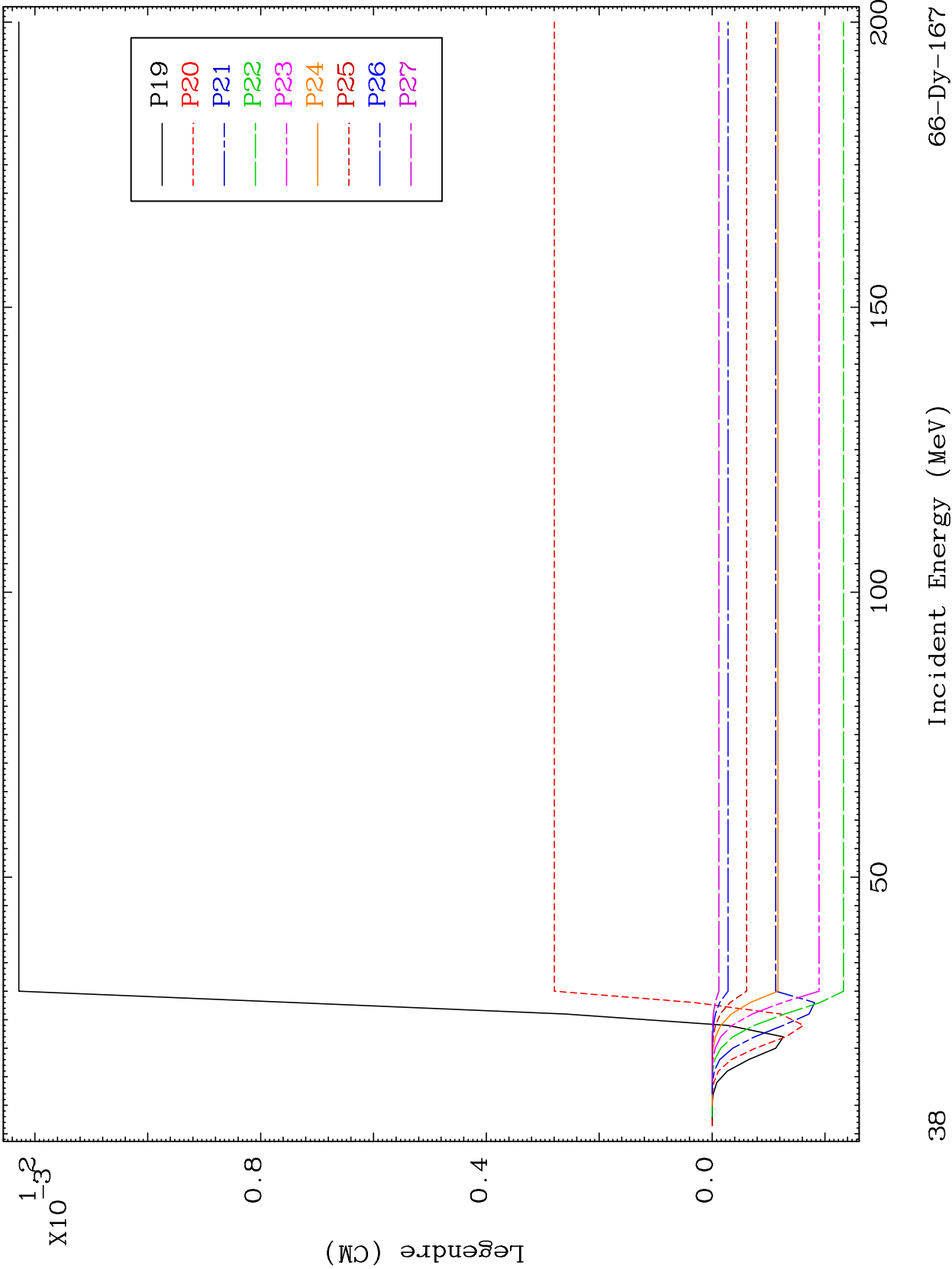
66-Dy-167

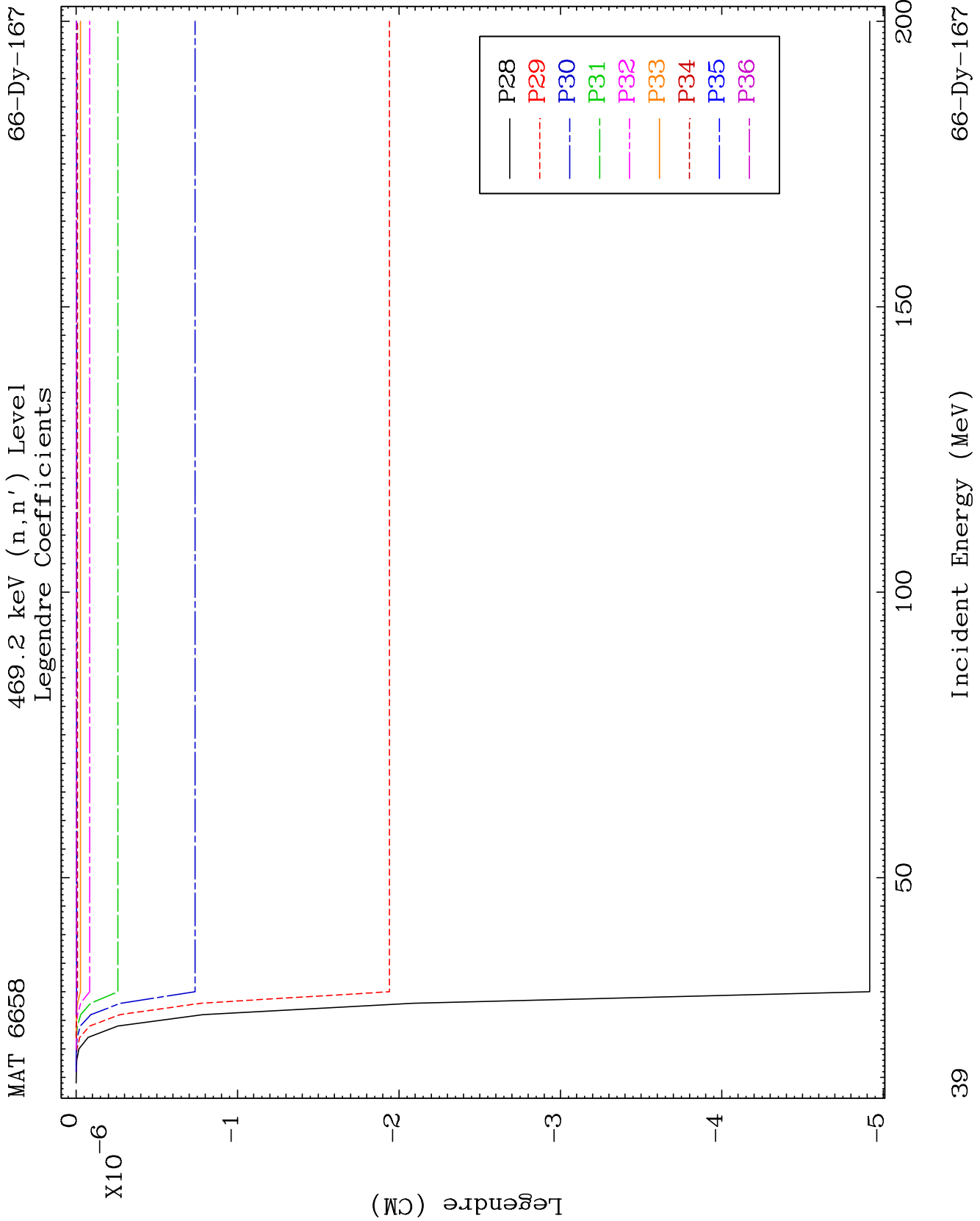


37

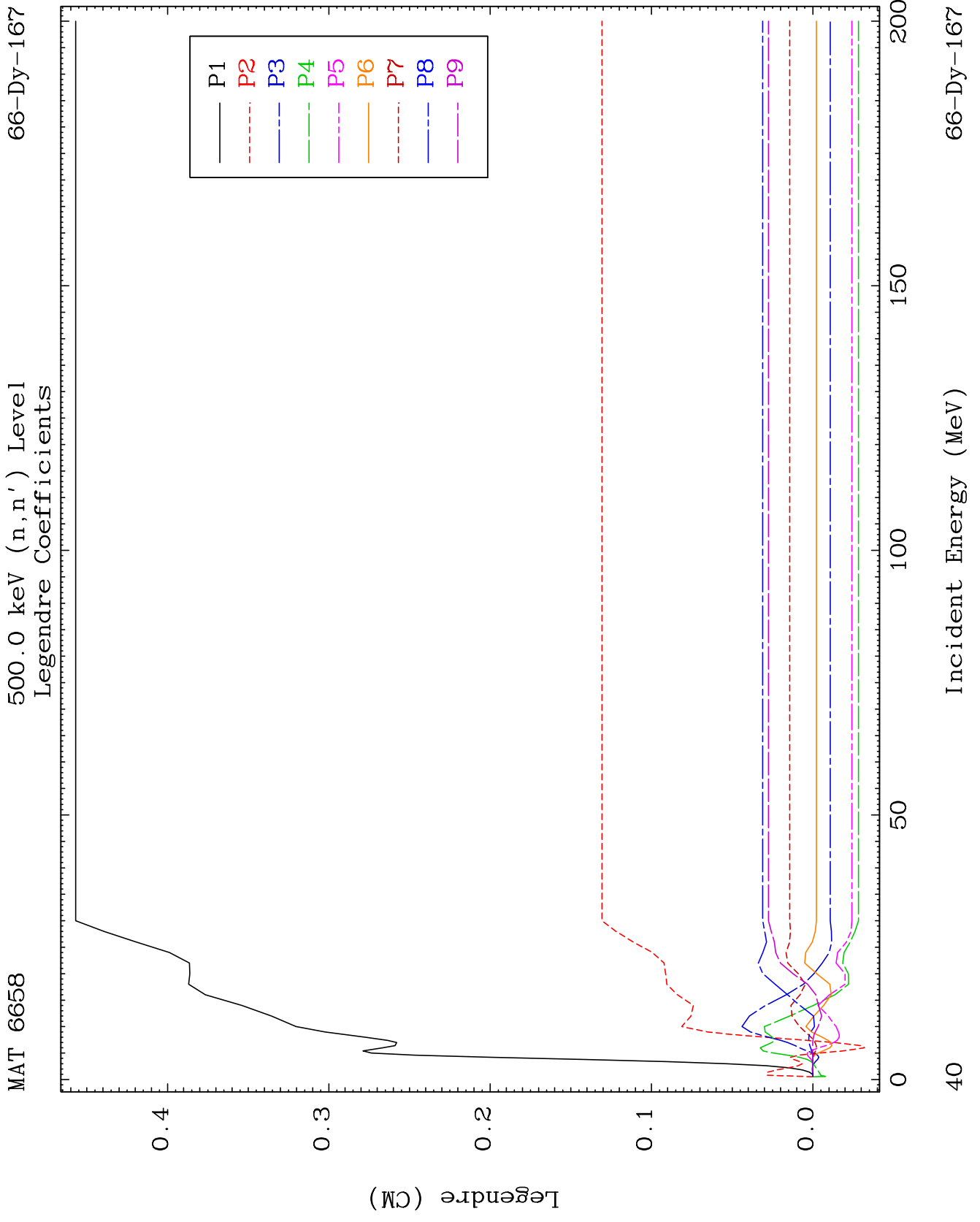
Incident Energy (MeV)

66-Dy-167





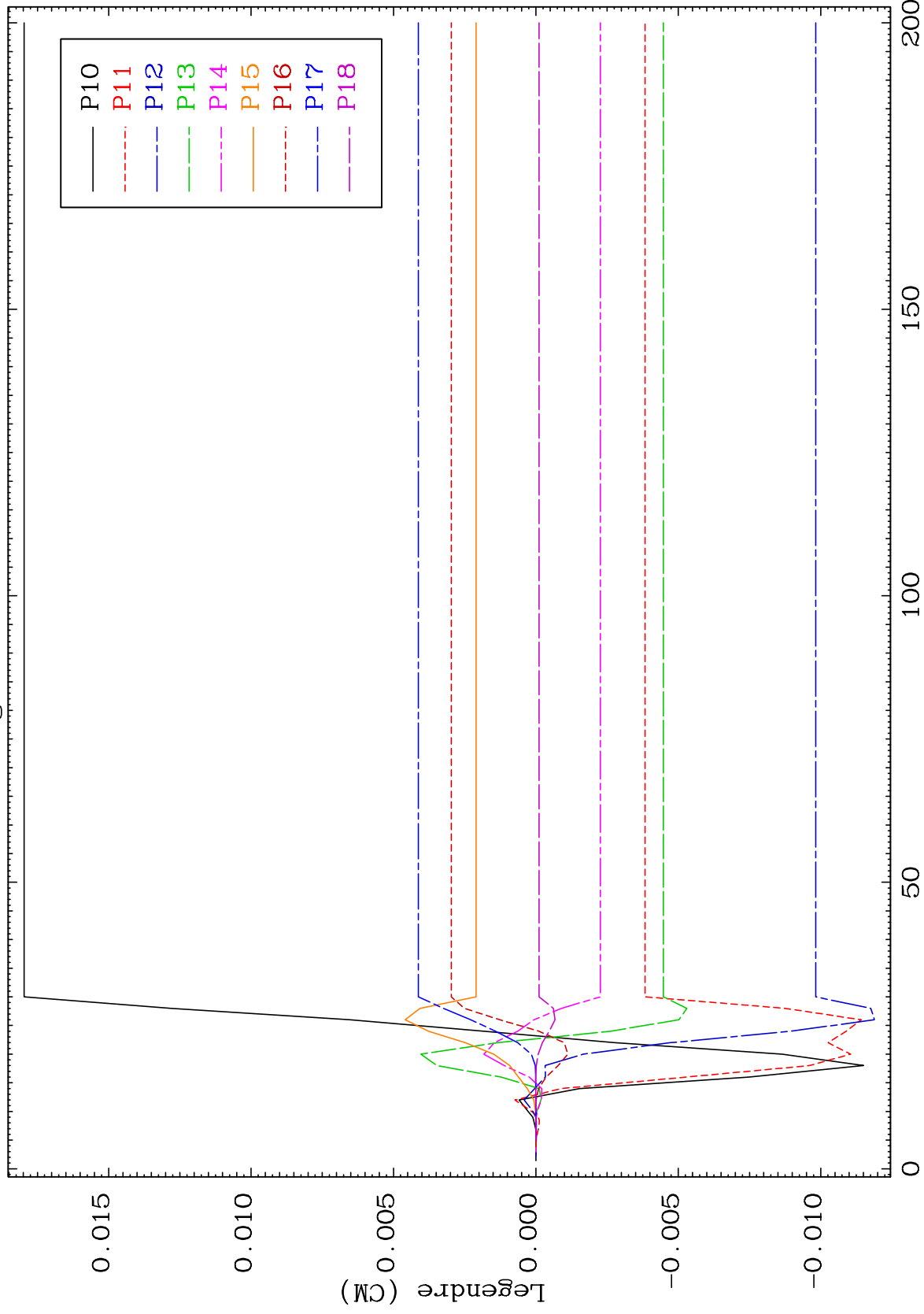




MAT 6658

500.0 keV (n,n') Level  
Legendre Coefficients

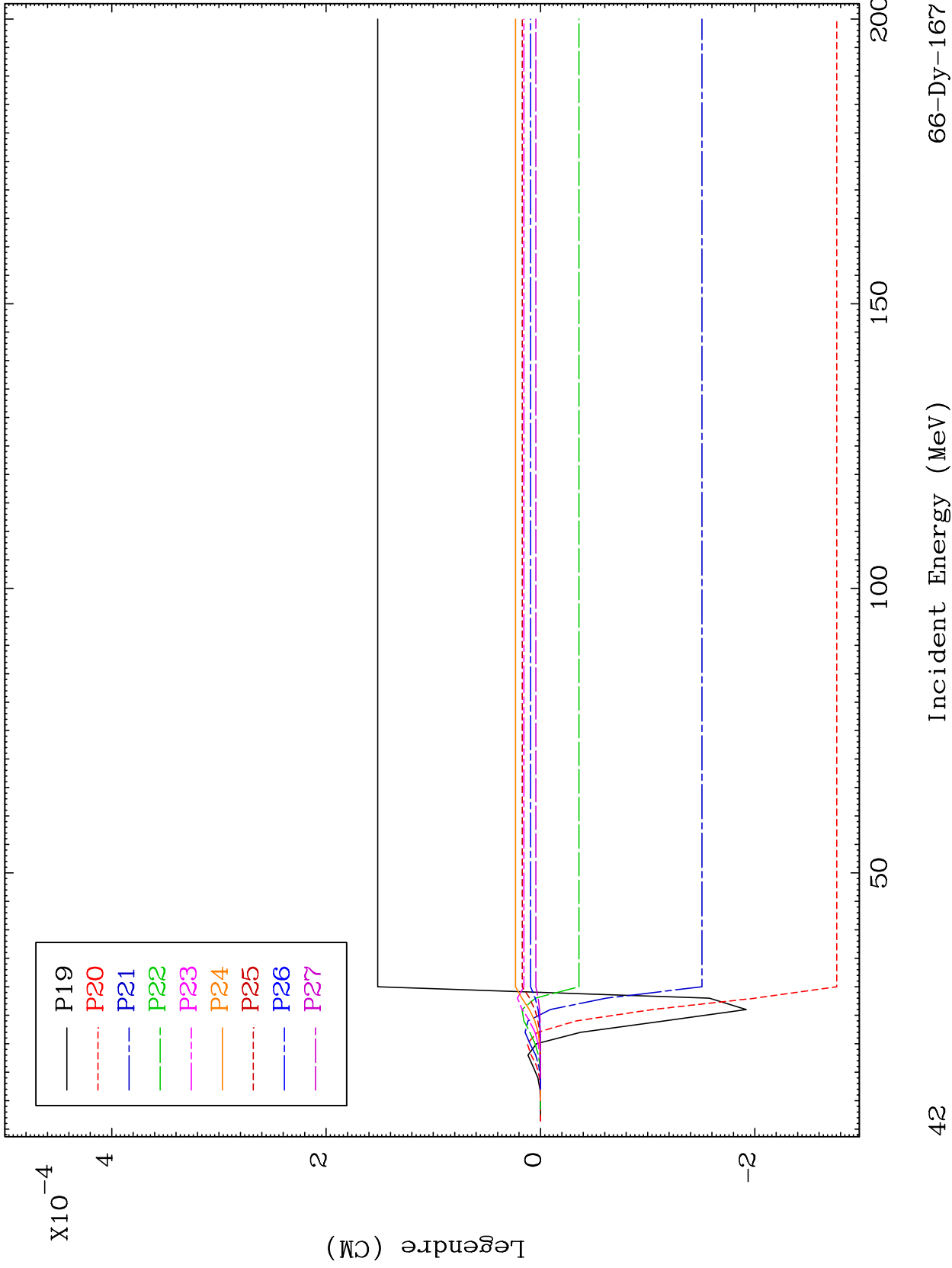
66-Dy-167

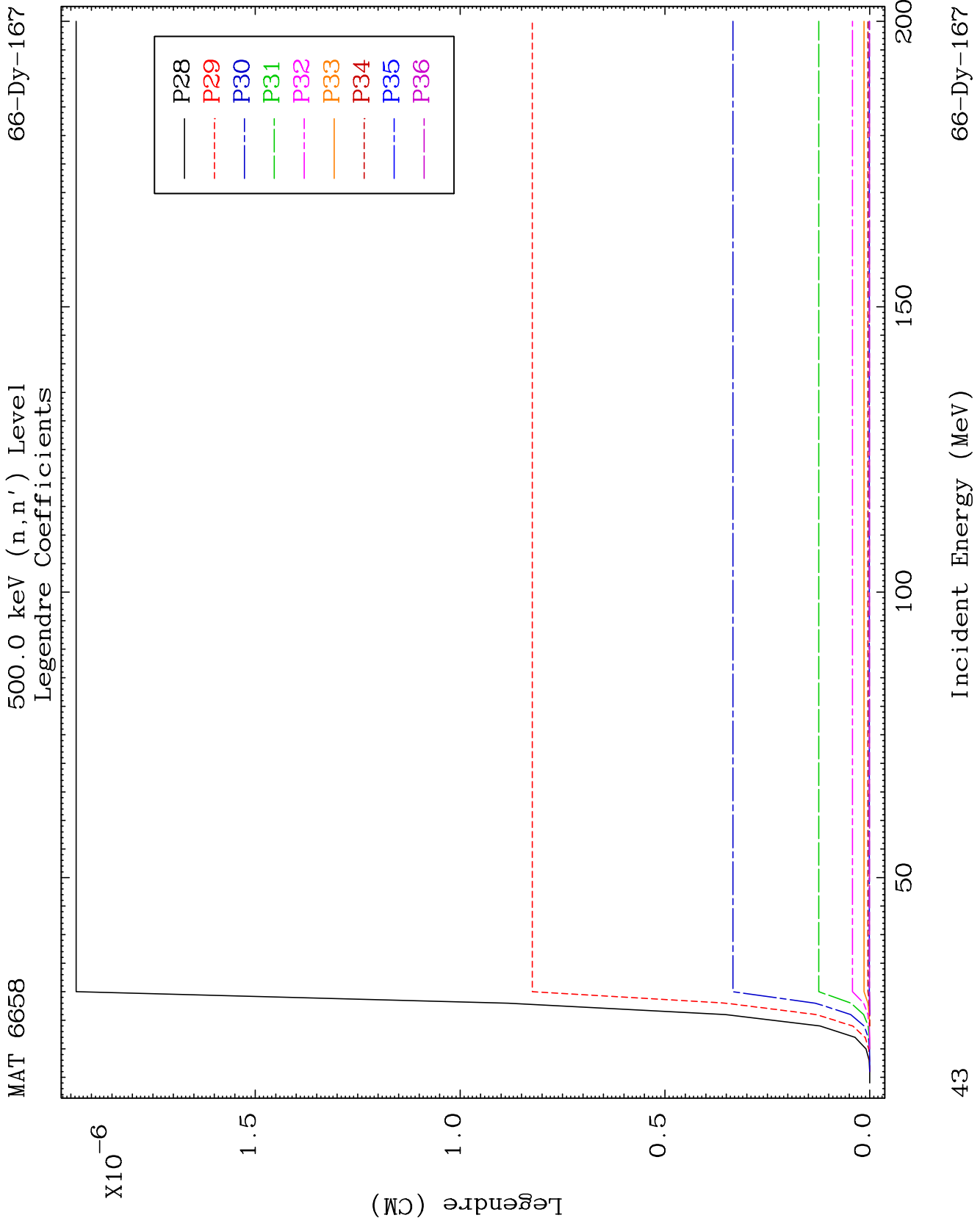


MAT 6658

500.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-167

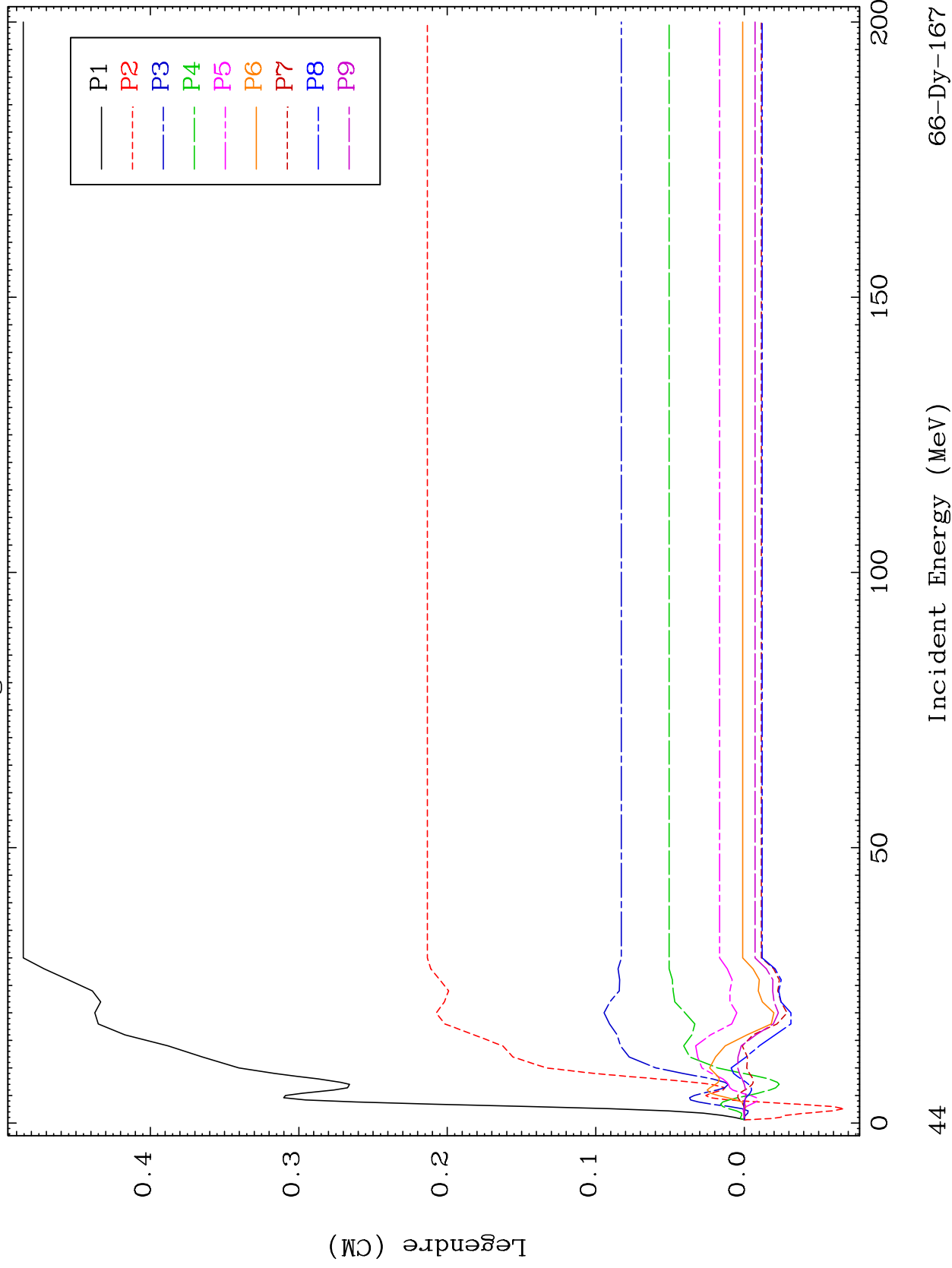




MAT 6658

521.8 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



66-Dy-167

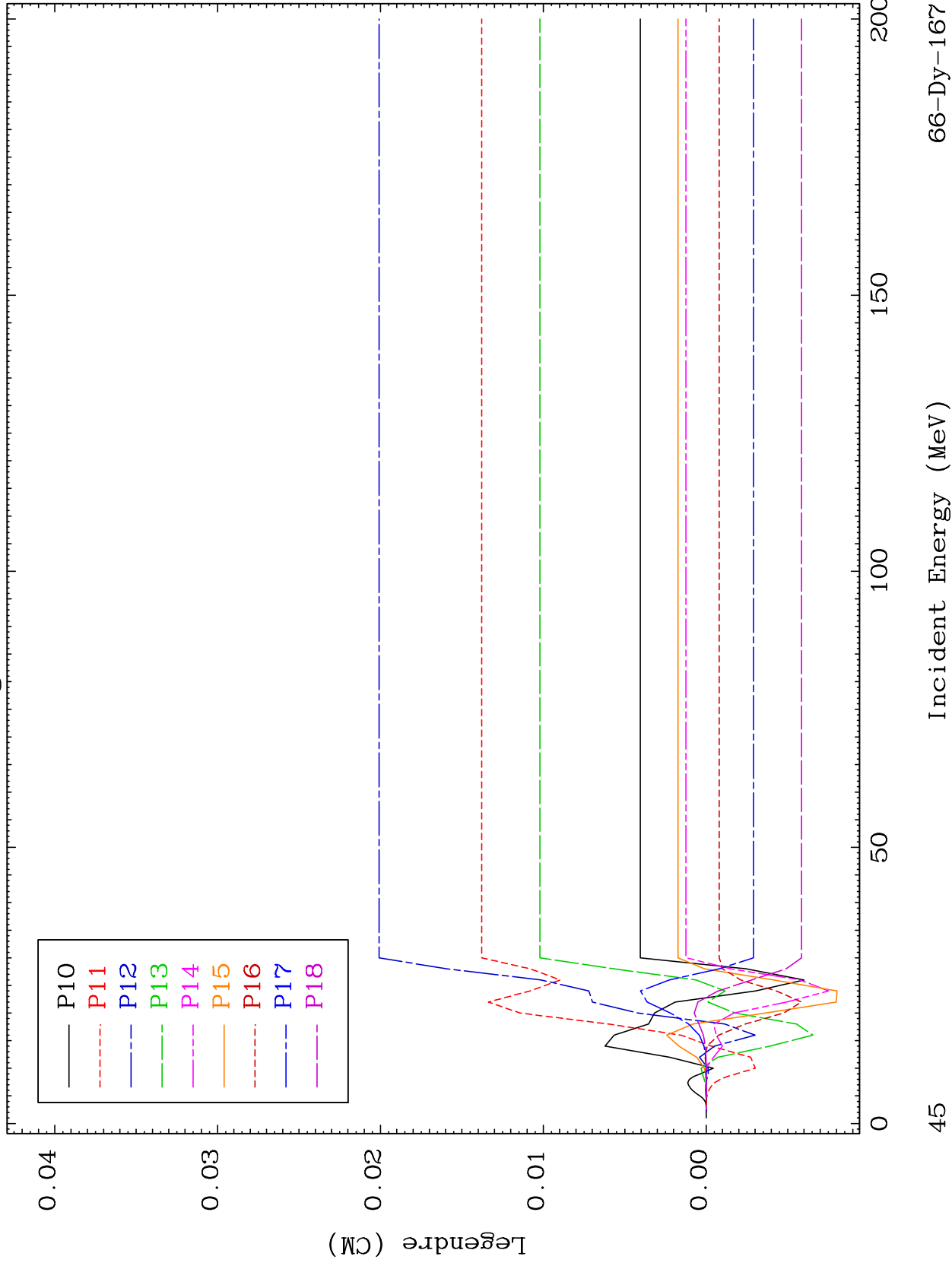
Incident Energy (MeV)

44

MAT 6658

521.8 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



66-Dy-167

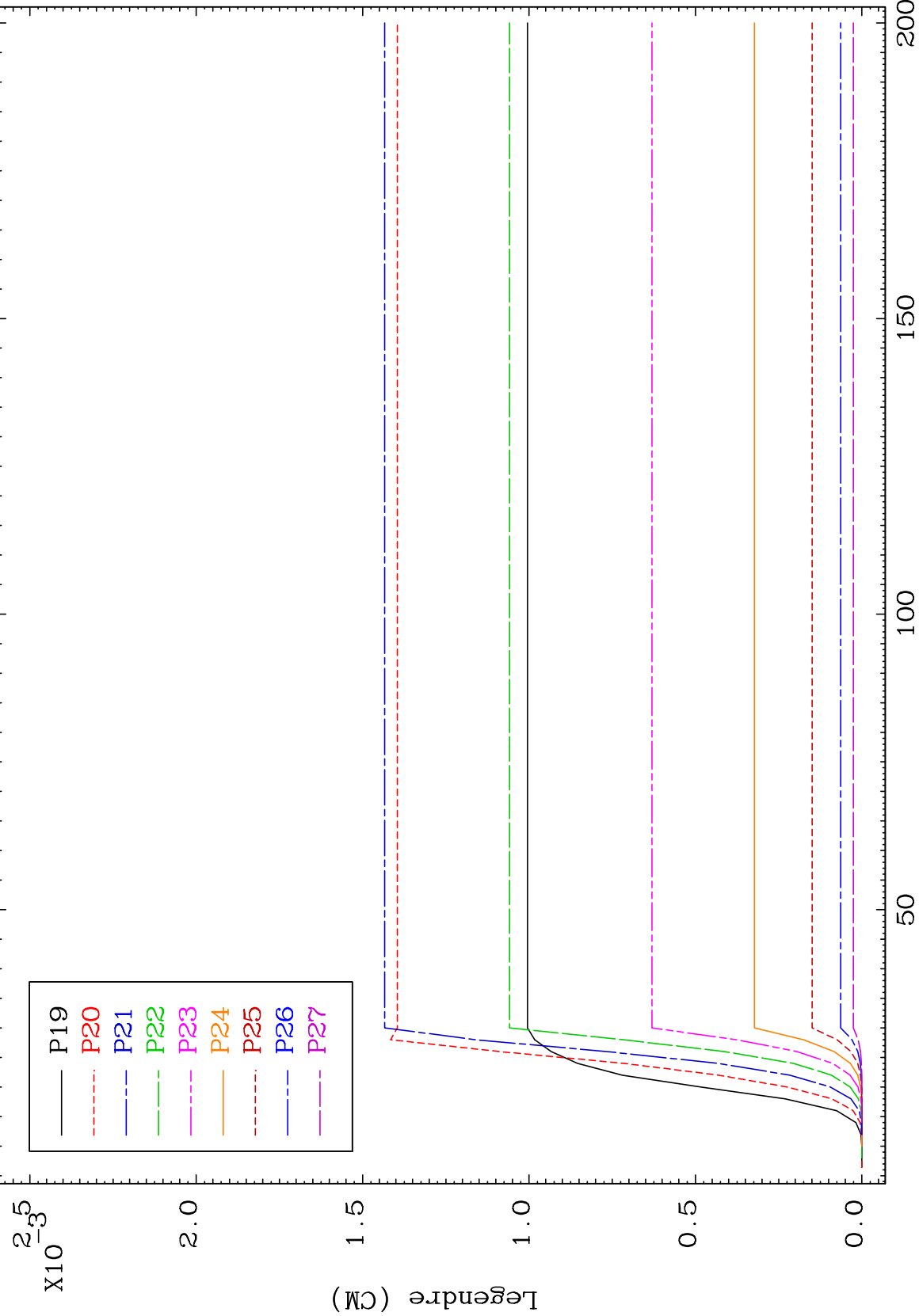
Incident Energy (MeV)

45

MAT 6658

521.8 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



46

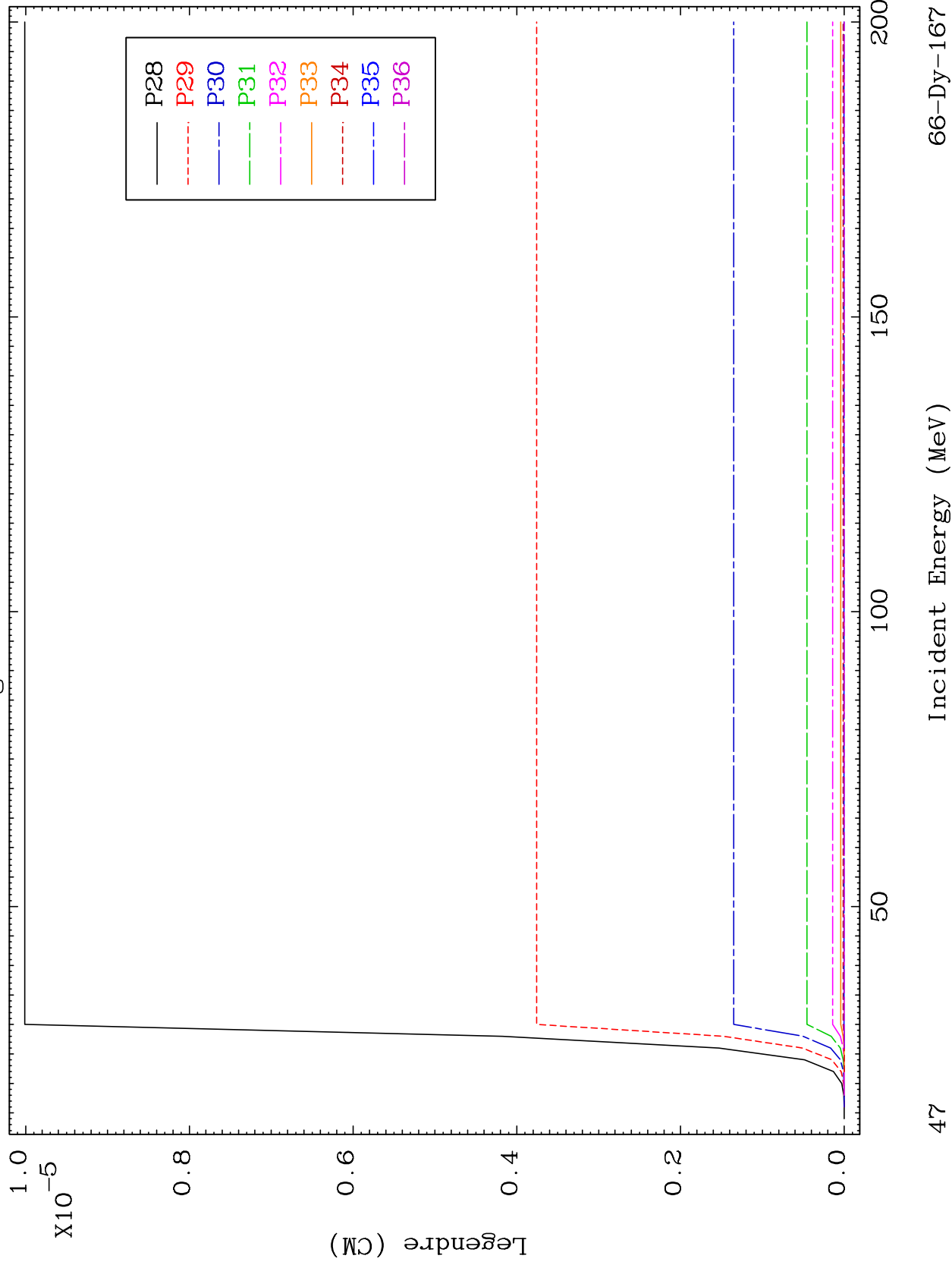
Incident Energy (MeV)

66-Dy-167

MAT 6658

521.8 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



47

Incident Energy (MeV)

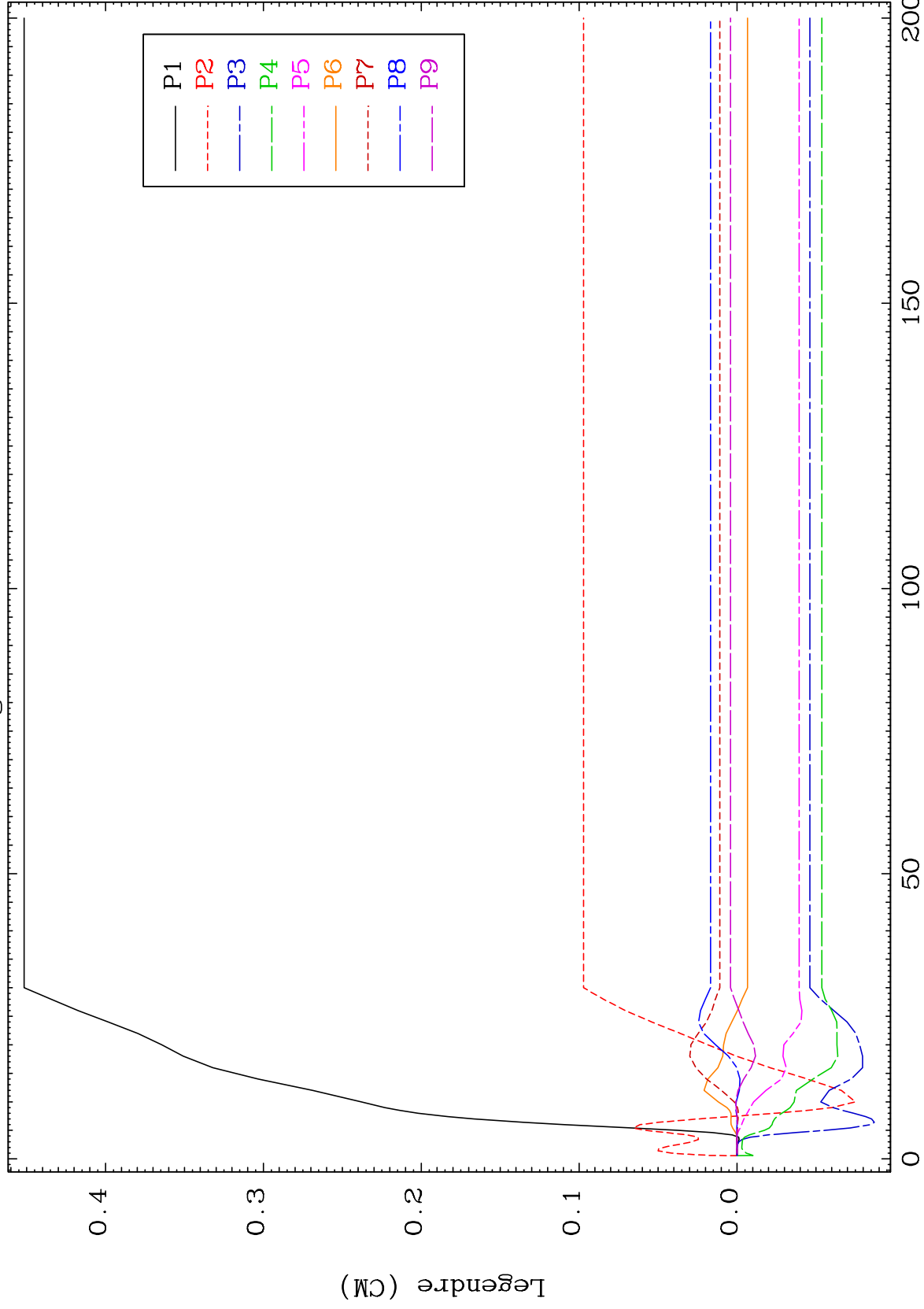
66-Dy-167



MAT 6658

542.7 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



48

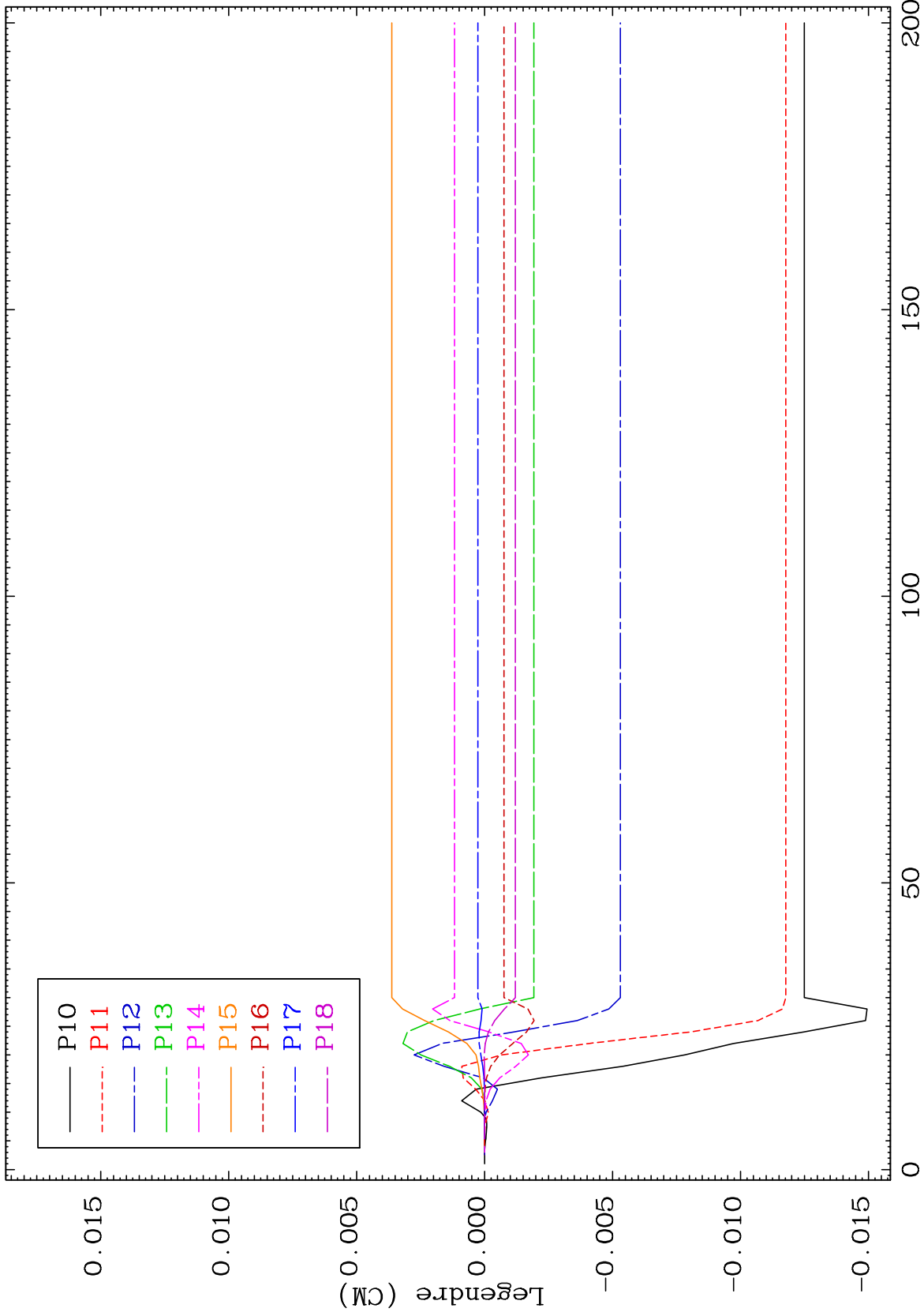
Incident Energy (MeV)

66-Dy-167

MAT 6658

542.7 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



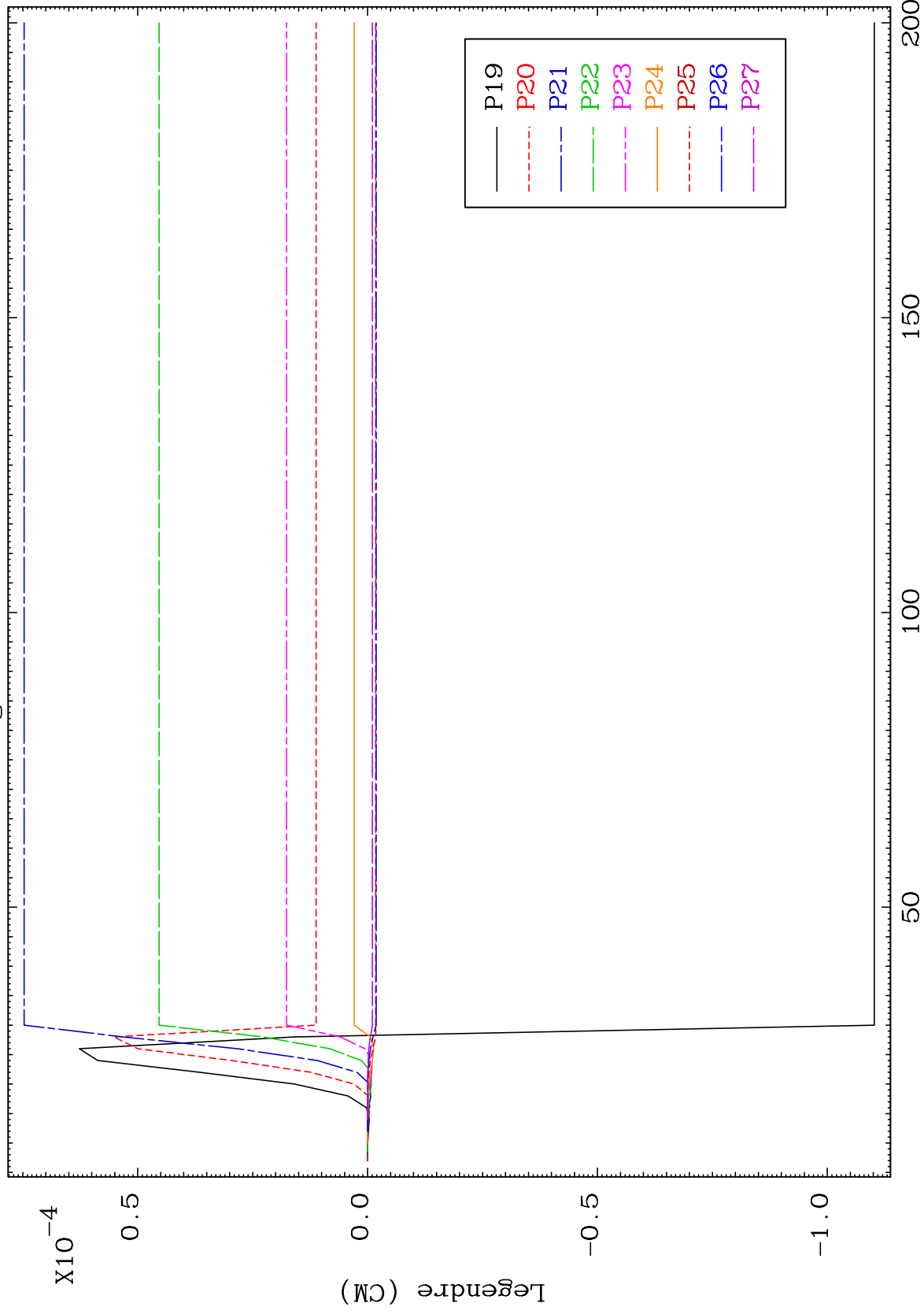
49

66-Dy-167

MAT 6658

542.7 keV (n,n') Level  
Legendre Coefficients

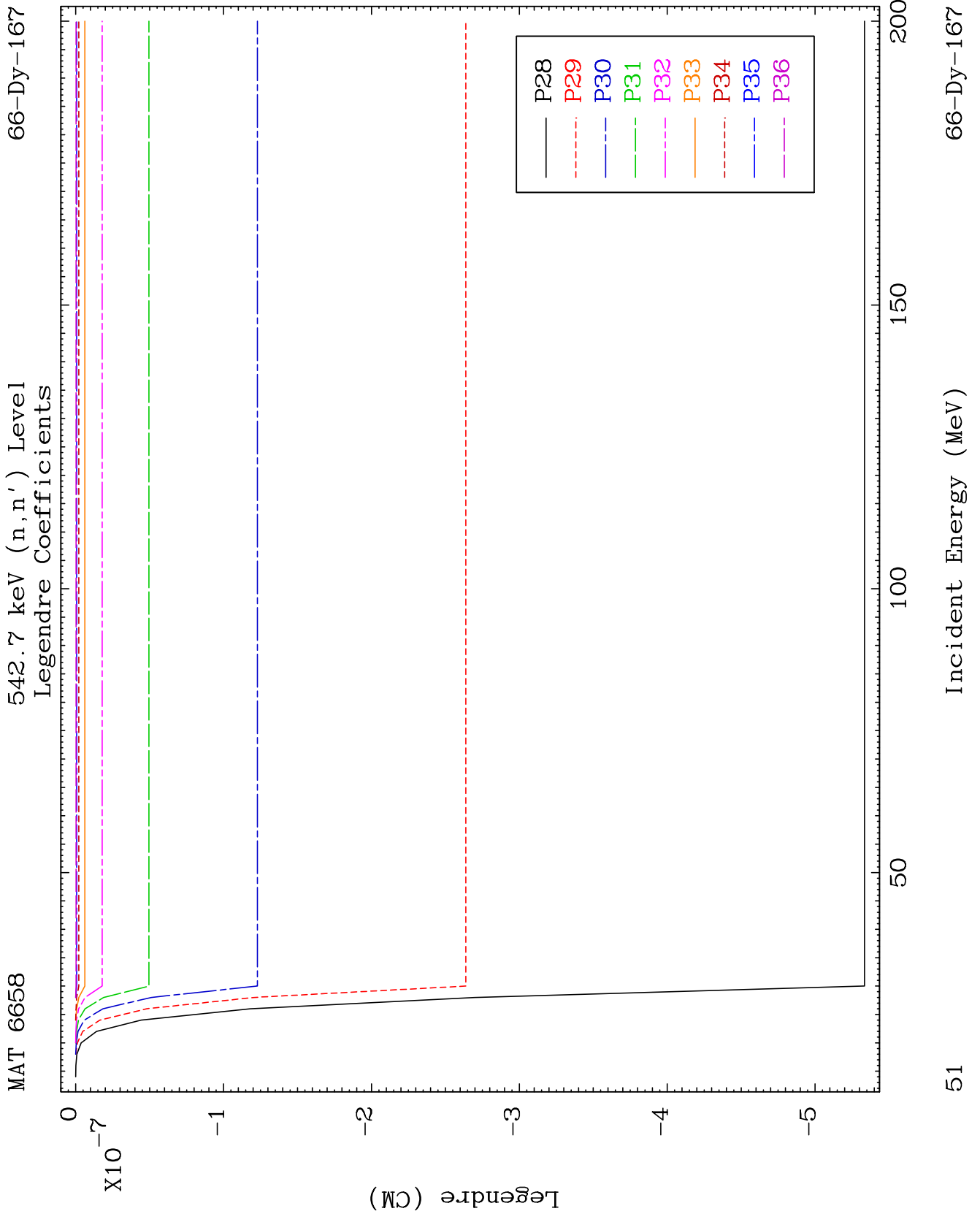
66-Dy-167



50

Incident Energy (MeV)

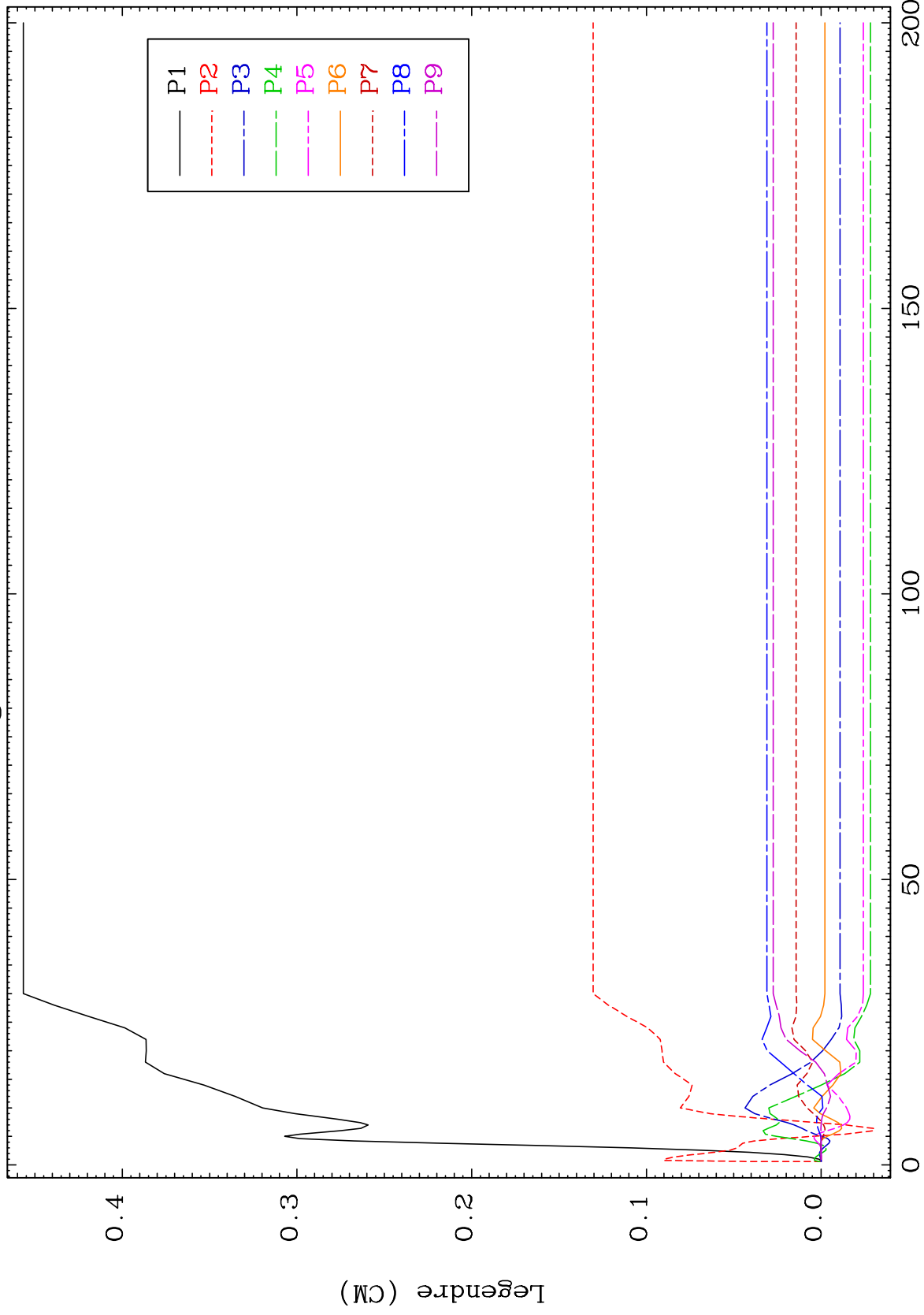
66-Dy-167



MAT 6658

583.3 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



52

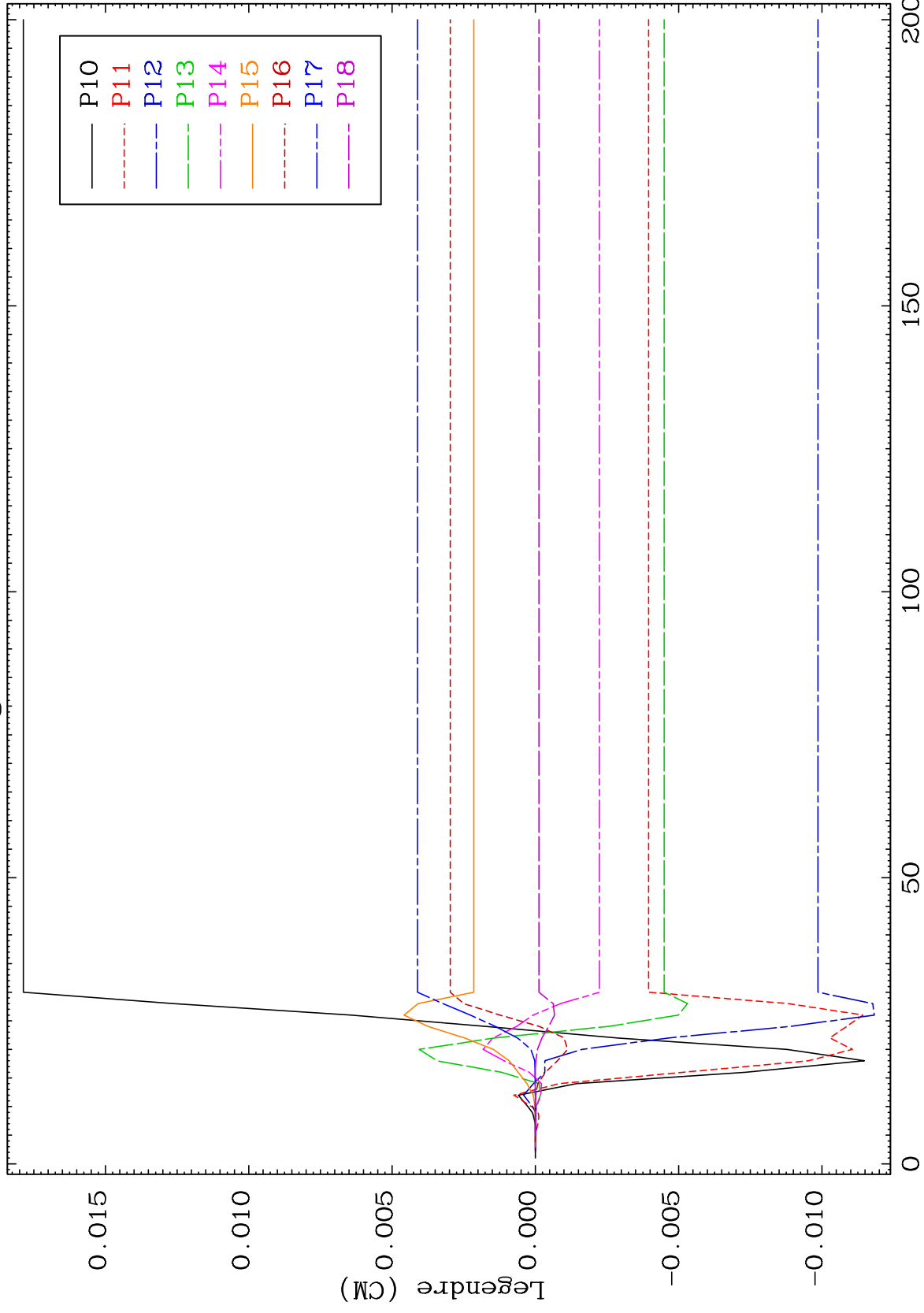
Incident Energy (MeV)

66-Dy-167

MAT 6658

583.3 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



53

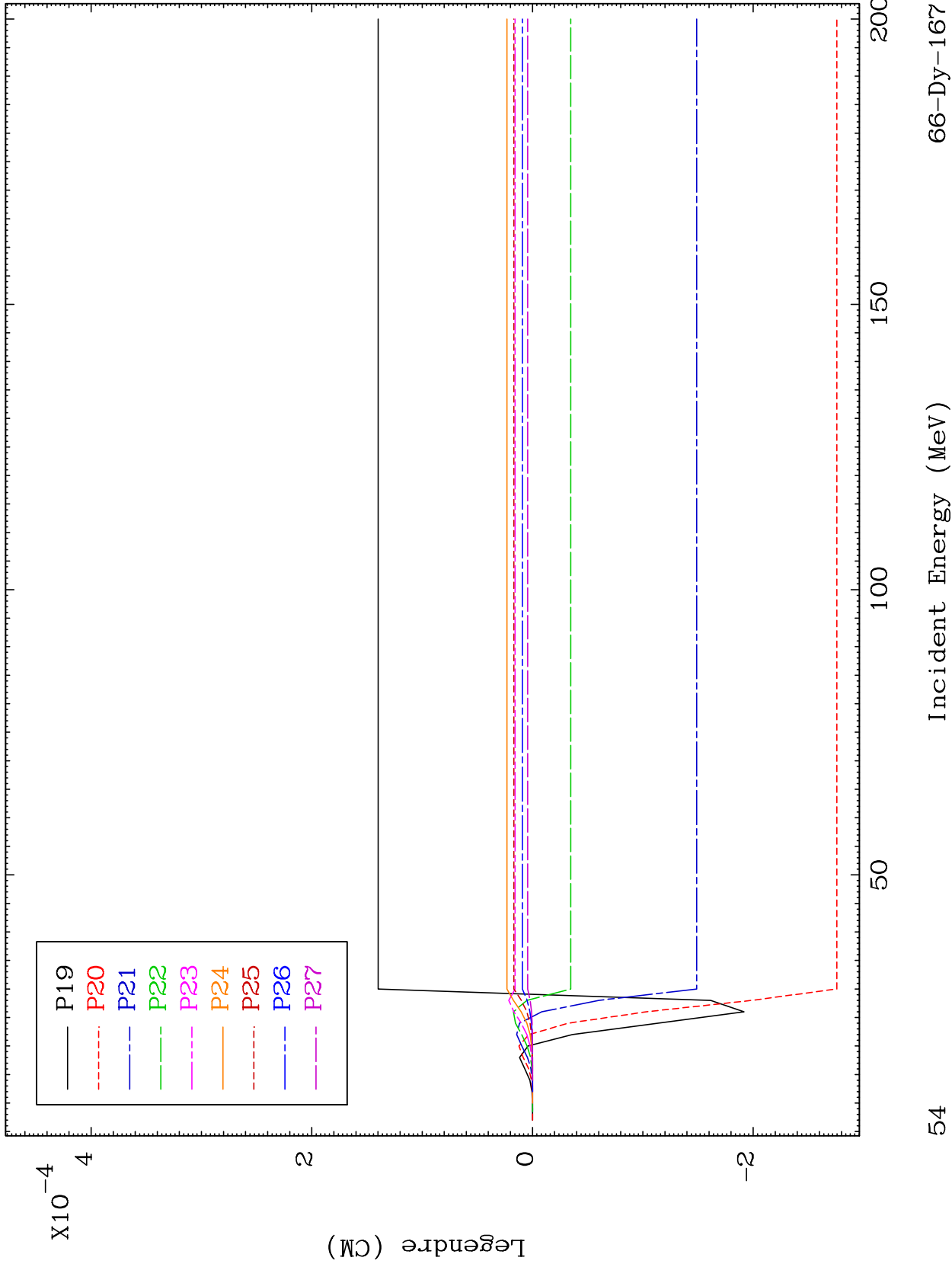
Incident Energy (MeV)

66-Dy-167

MAT 6658

583.3 keV (n,n') Level  
Legendre Coefficients

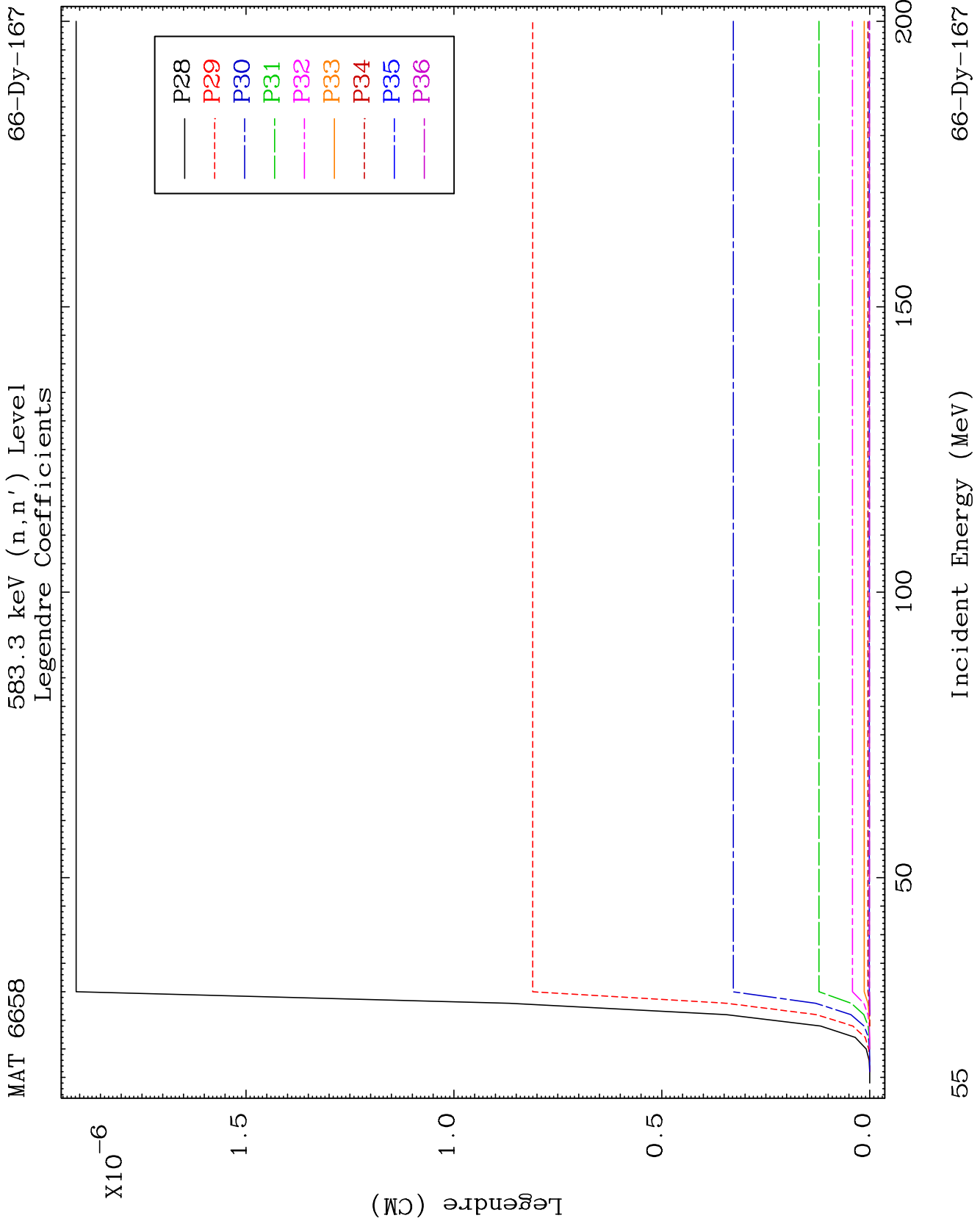
66-Dy-167



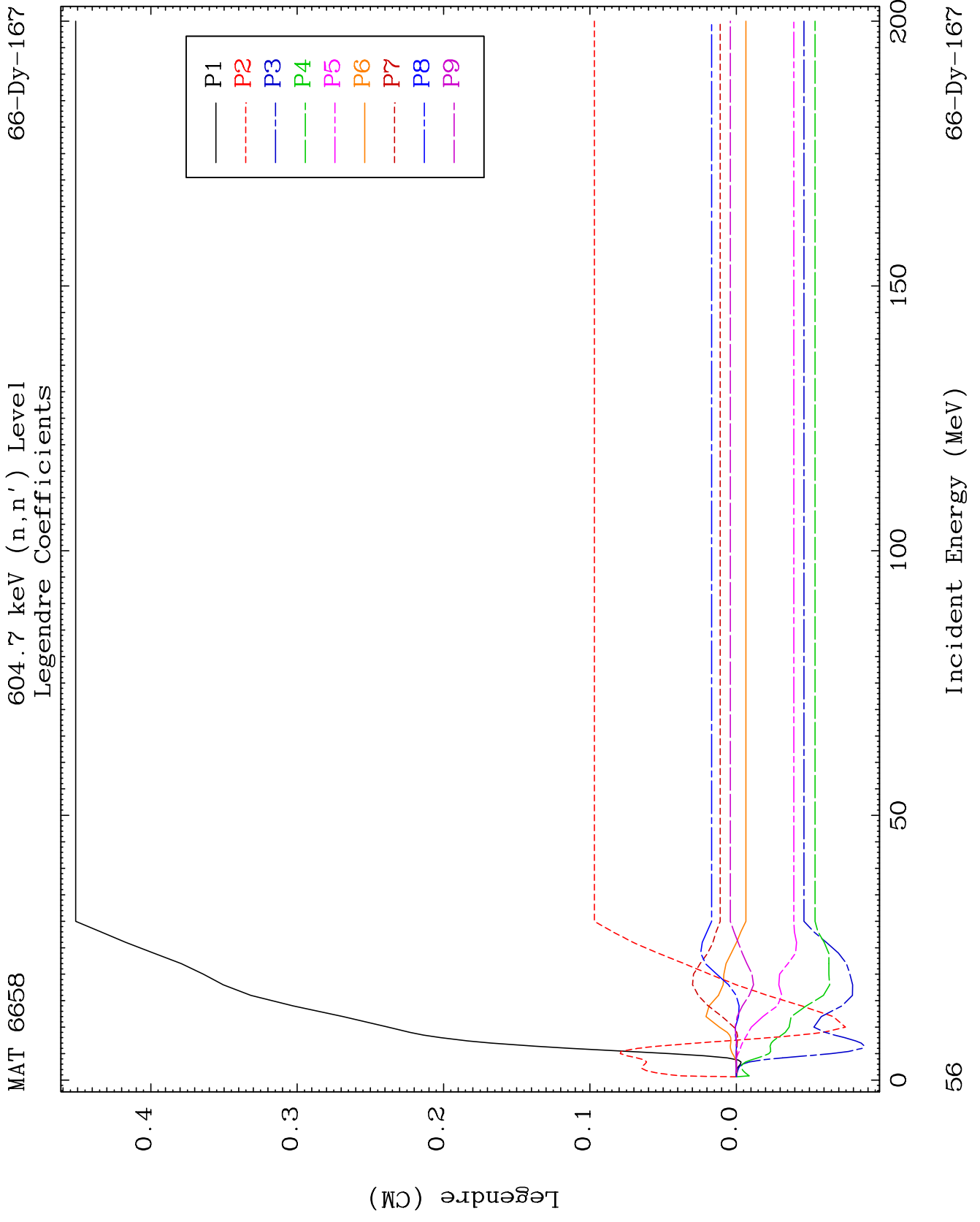
54

Incident Energy (MeV)

66-Dy-167



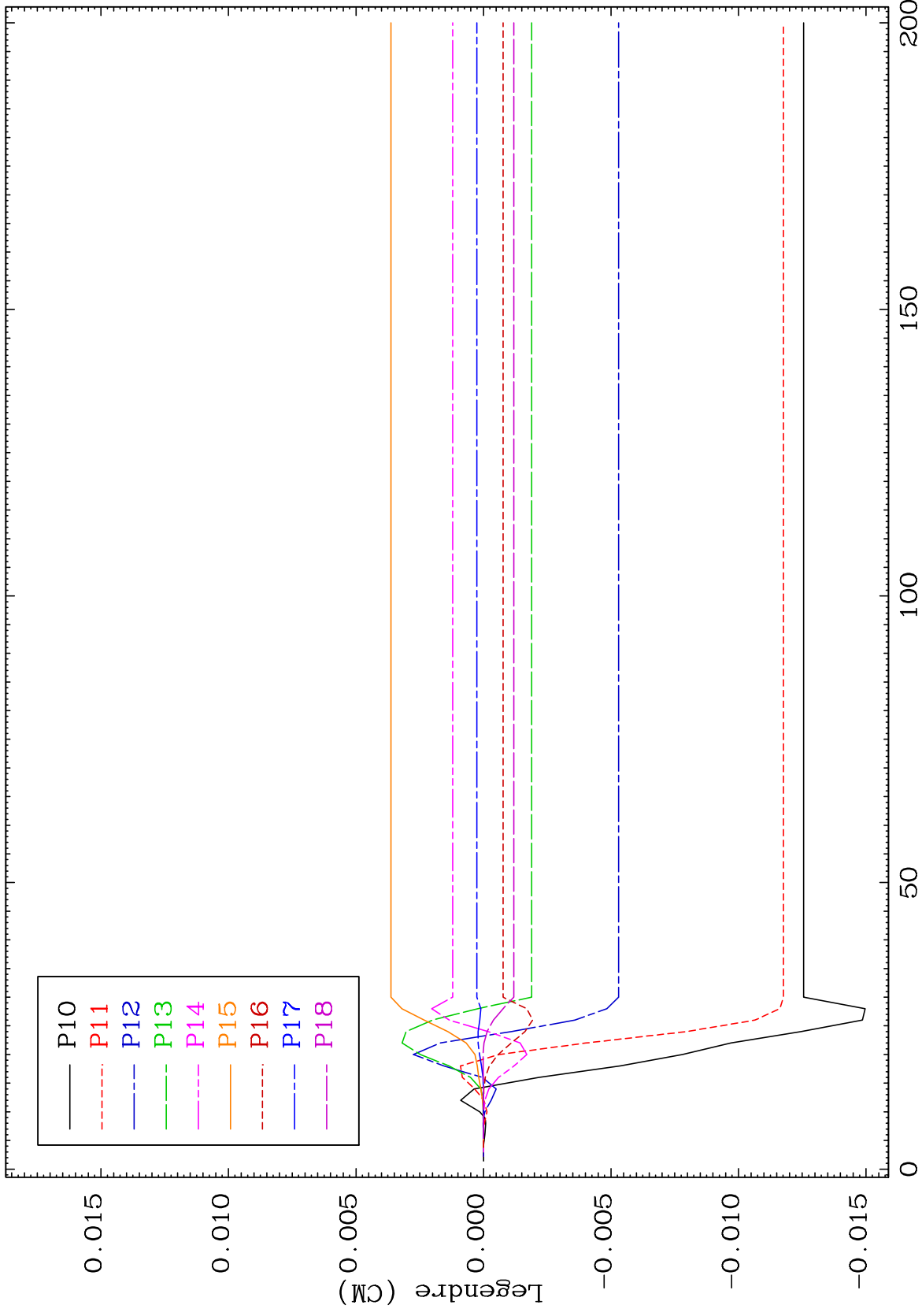




MAT 6658

604.7 keV (n,n') Level  
Legendre Coefficients

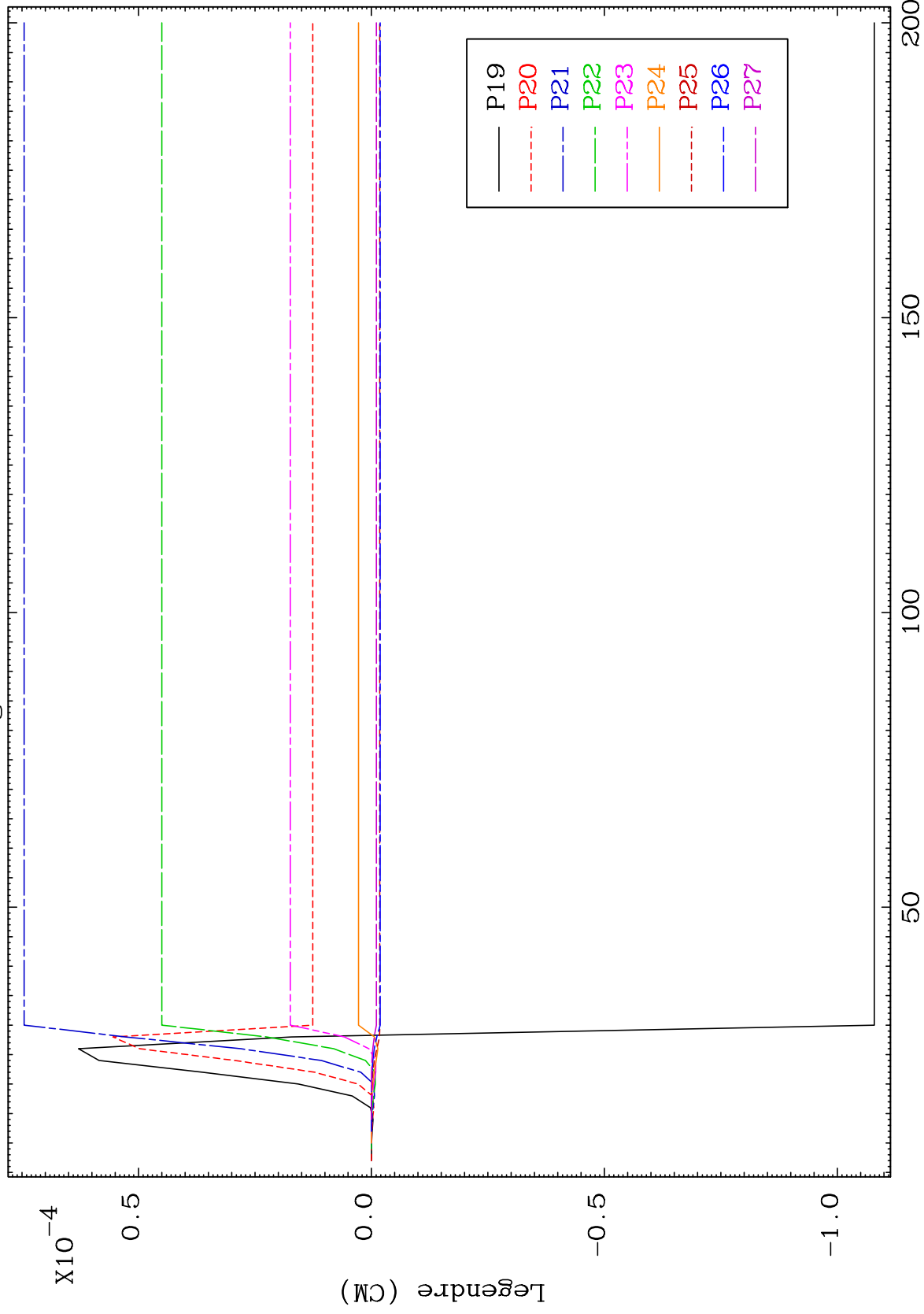
66-Dy-167



57

Incident Energy (MeV)

66-Dy-167



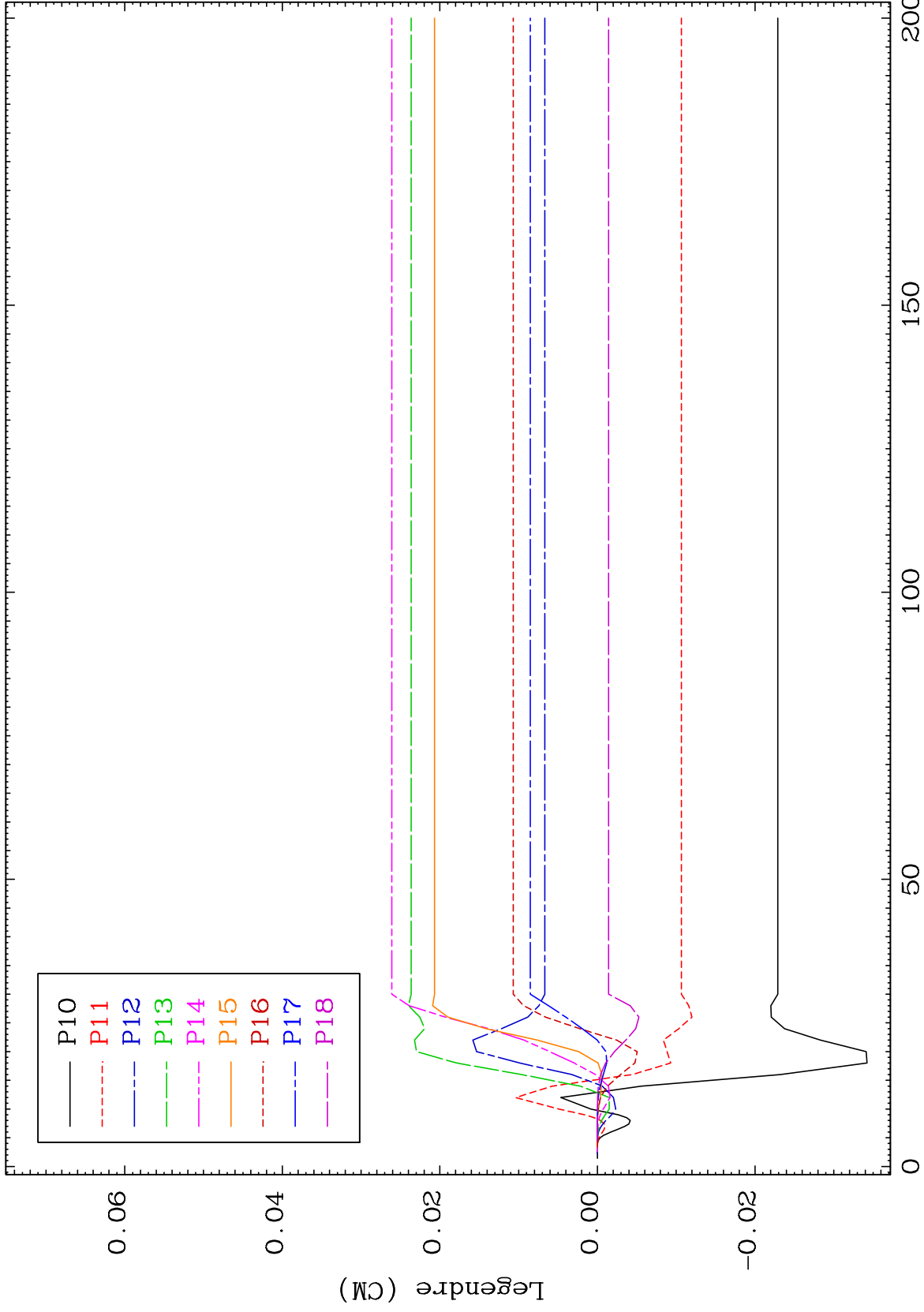




MAT 6658

625.0 keV (n,n') Level  
Legendre Coefficients

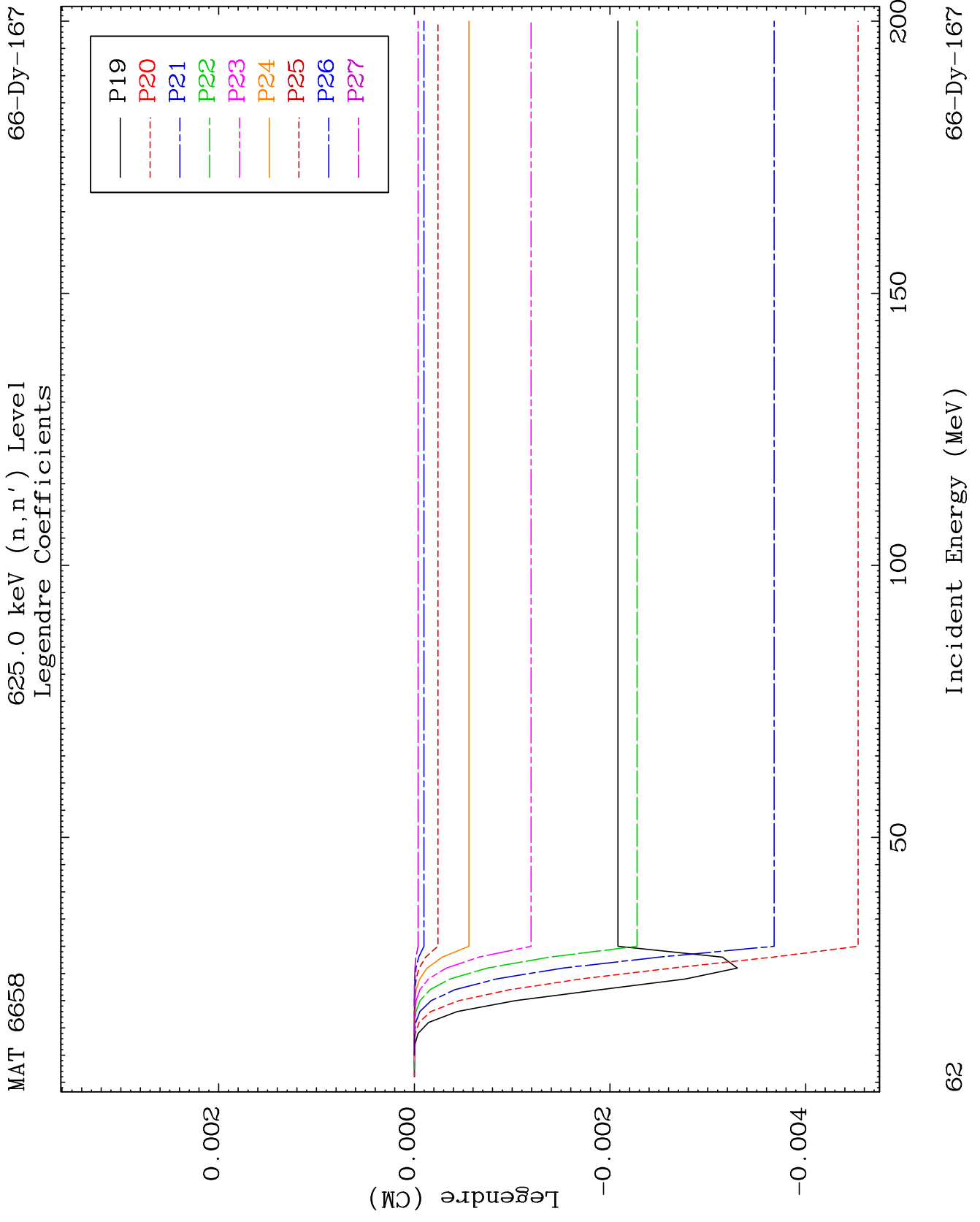
66-Dy-167

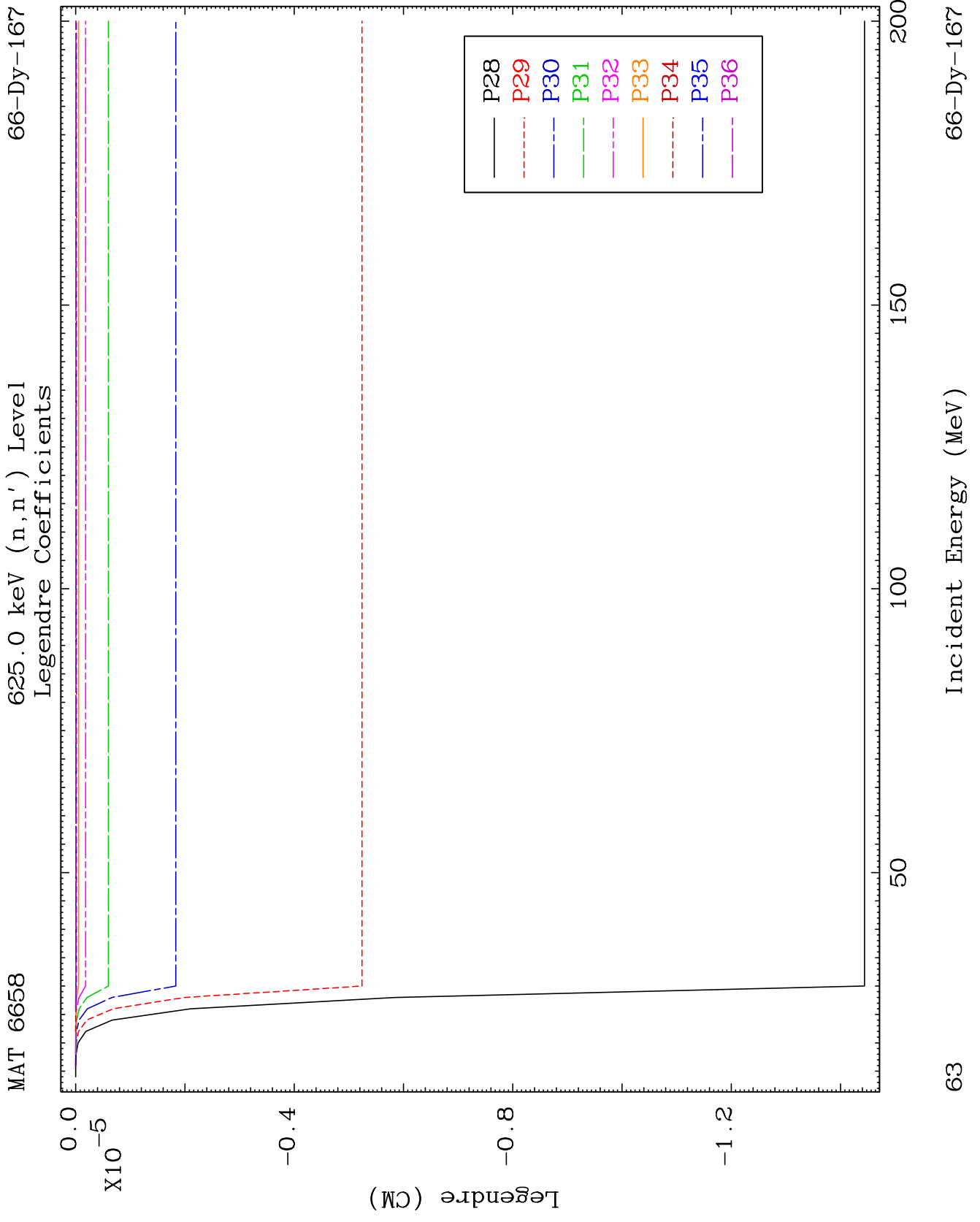


61

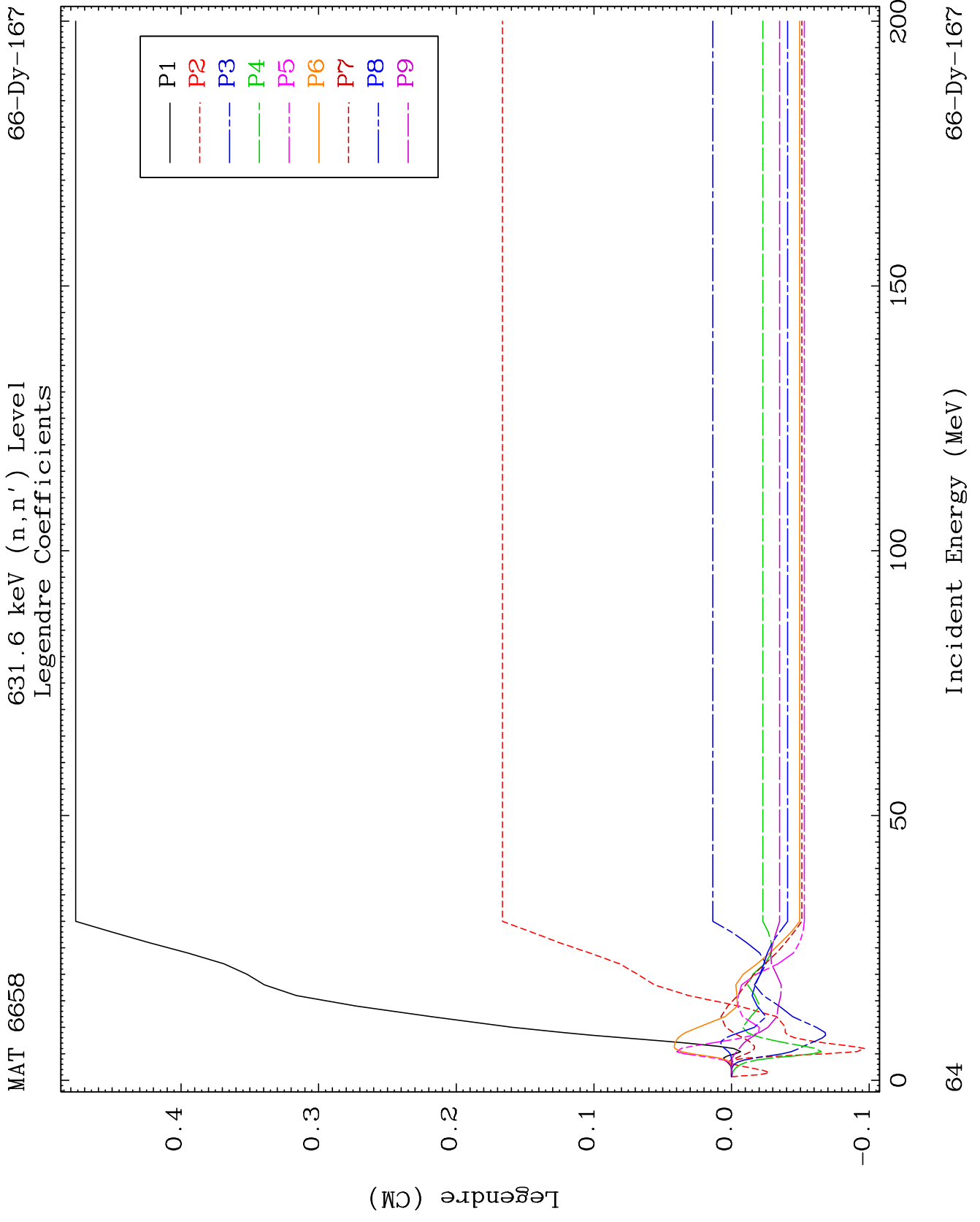
Incident Energy (MeV)

66-Dy-167





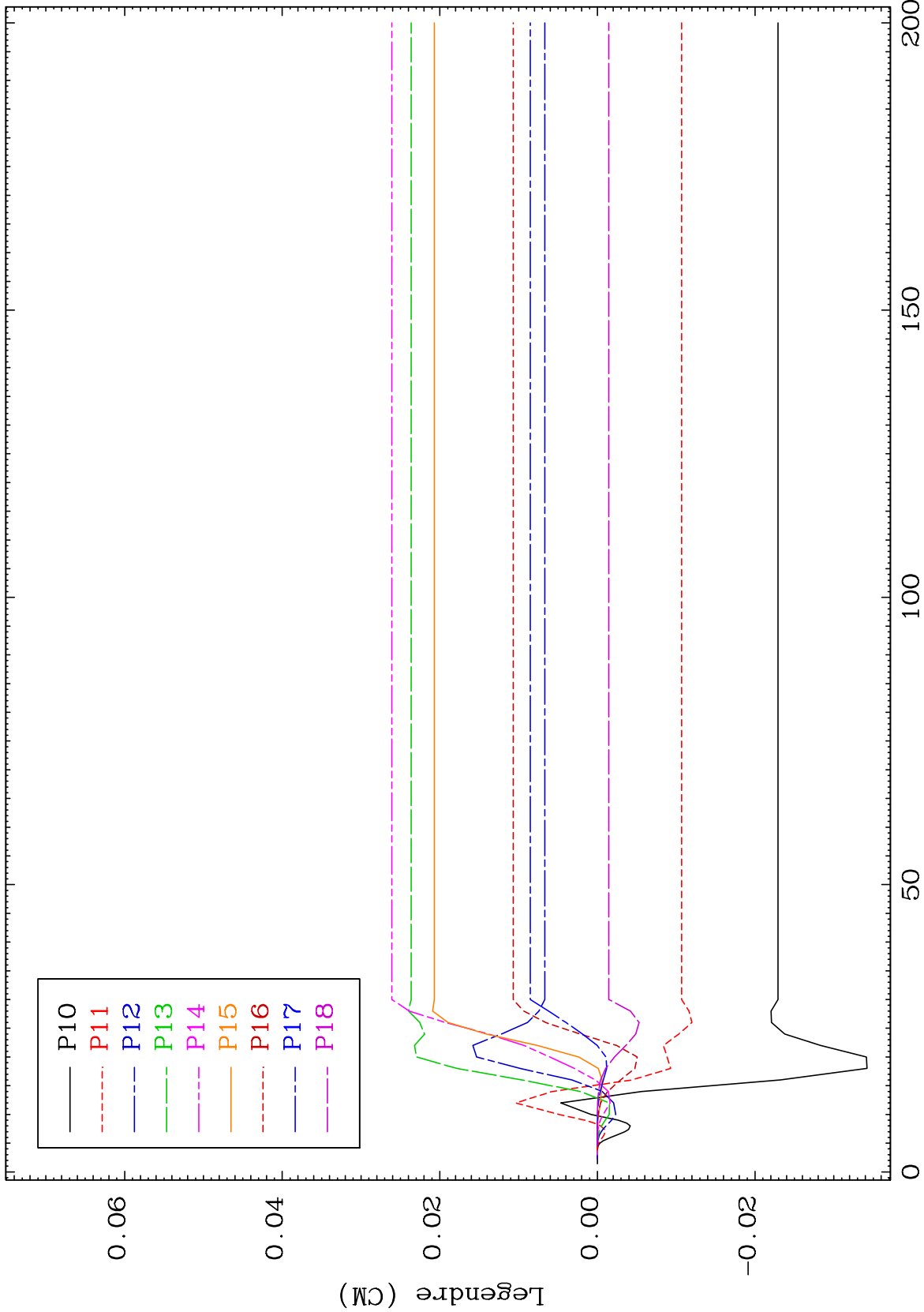




MAT 6658

631.6 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



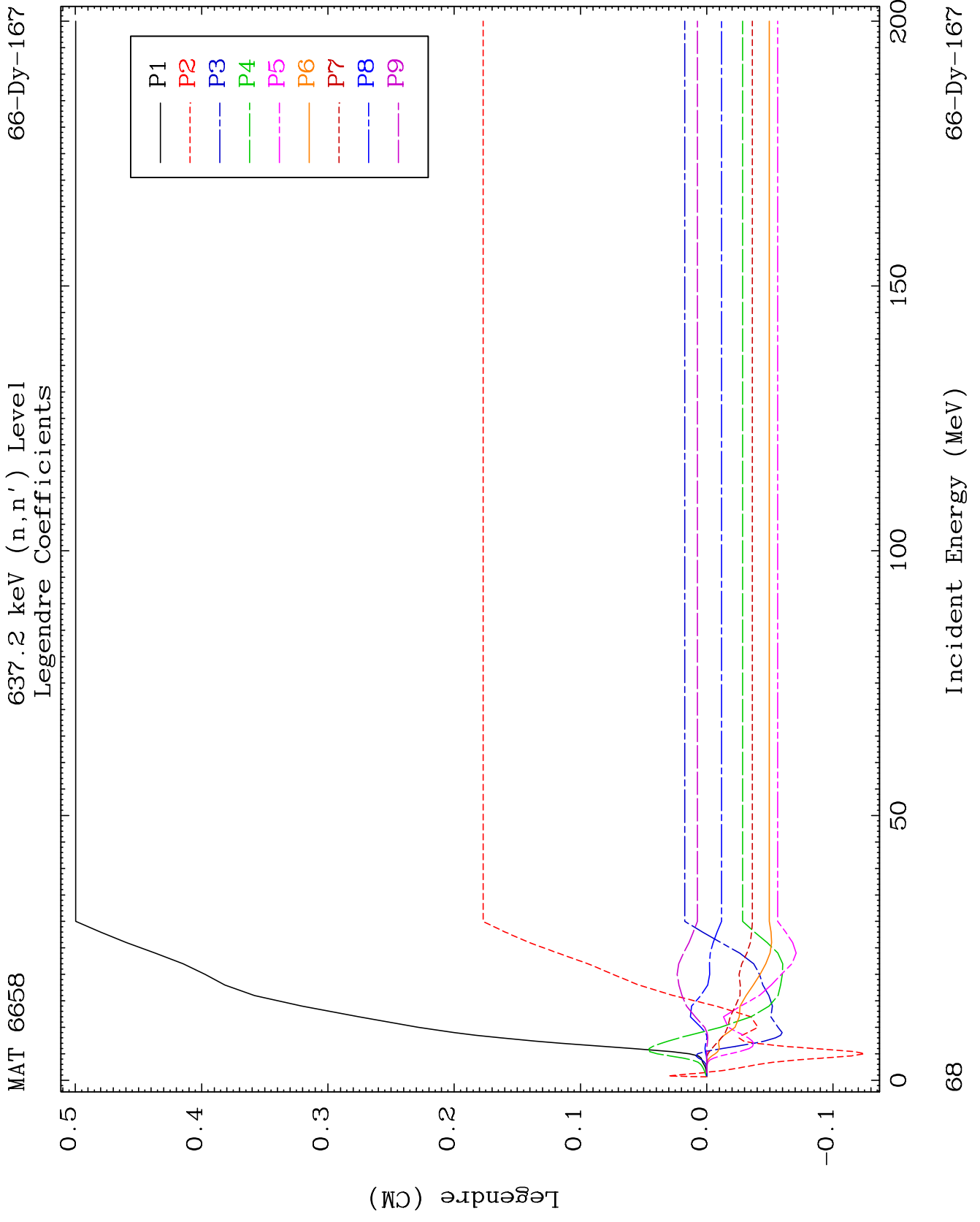
65

Incident Energy (MeV)

66-Dy-167



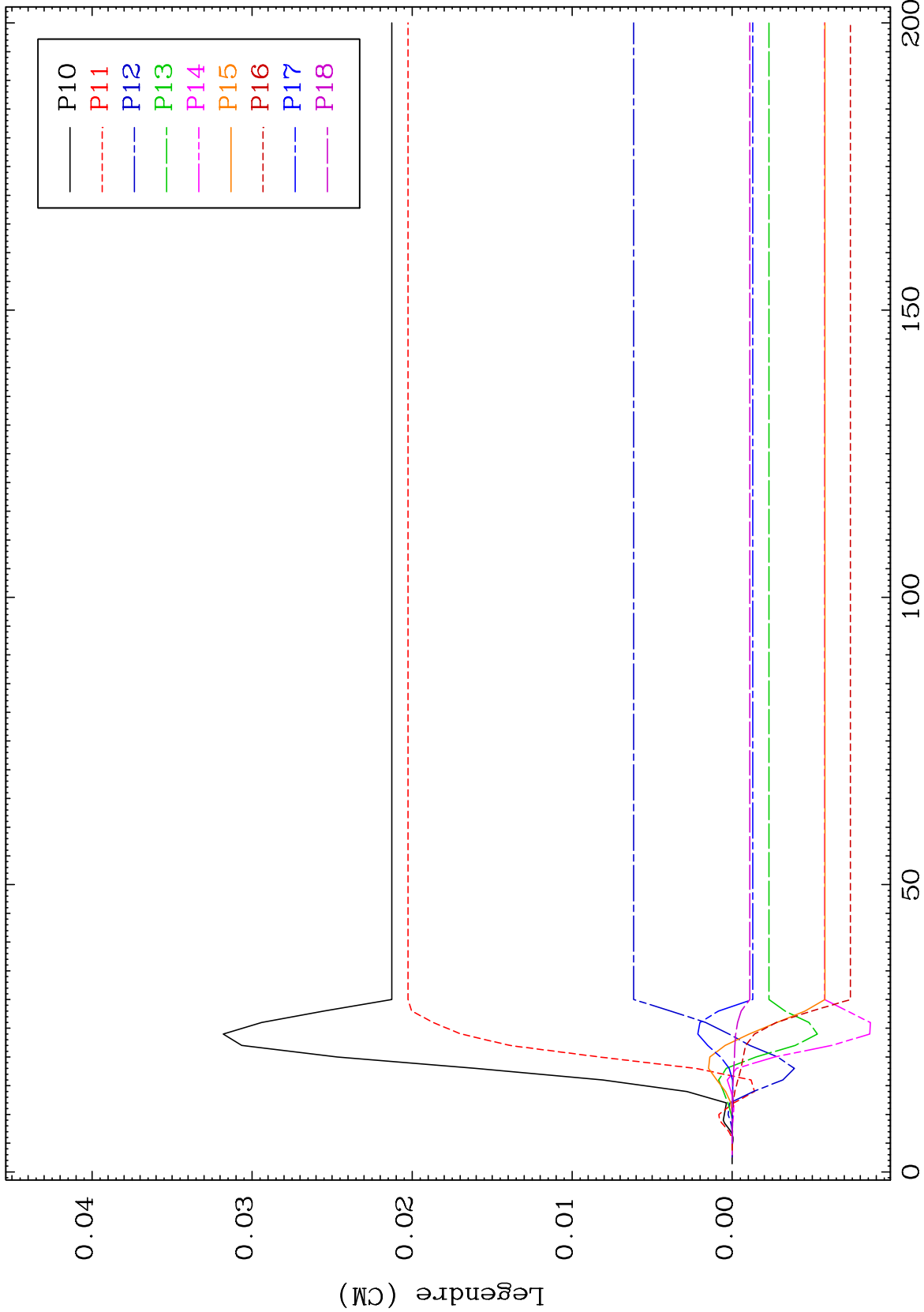




MAT 6658

637.2 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



69

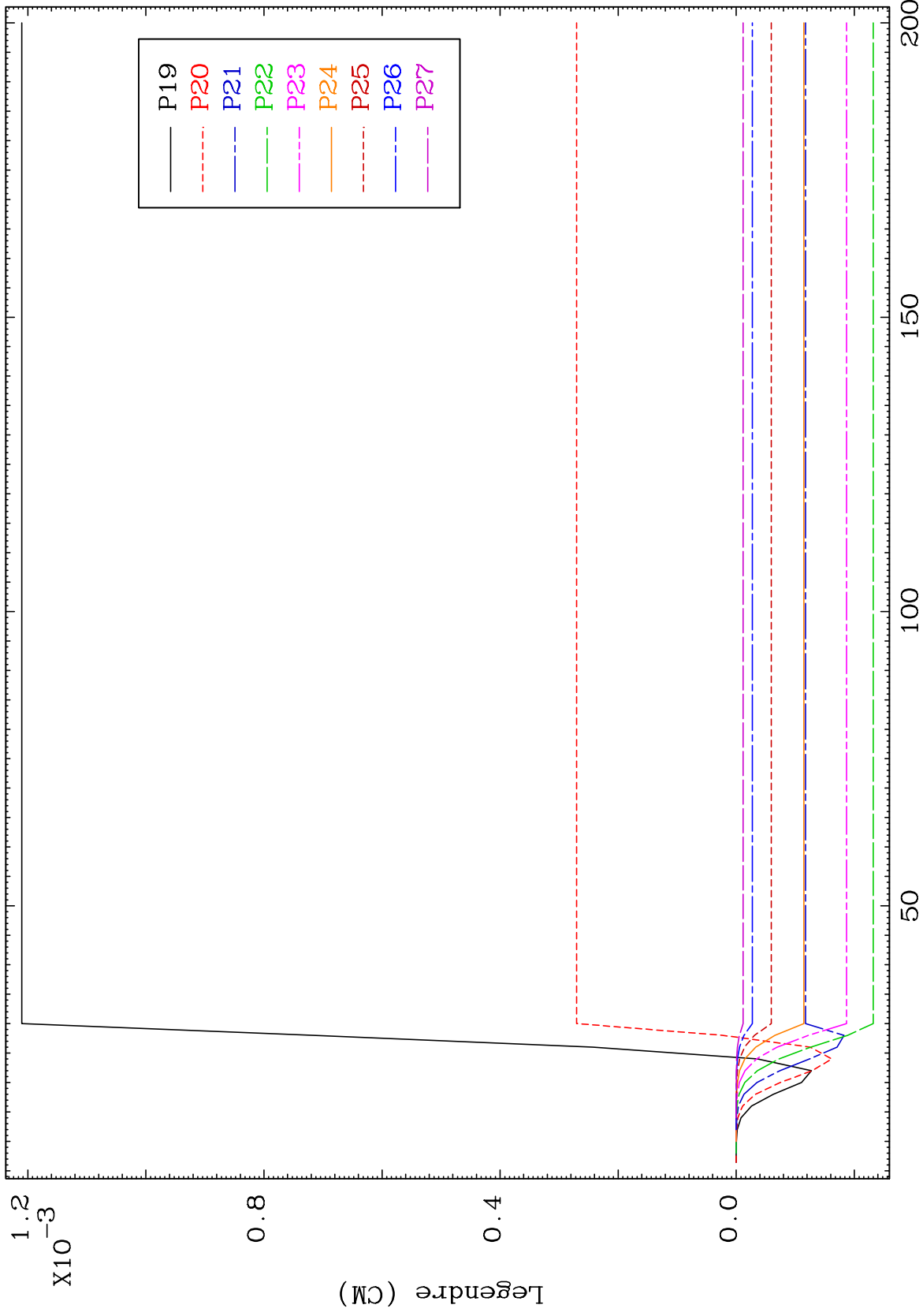
Incident Energy (MeV)

66-Dy-167

MAT 6658

637.2 keV (n,n') Level  
Legendre Coefficients

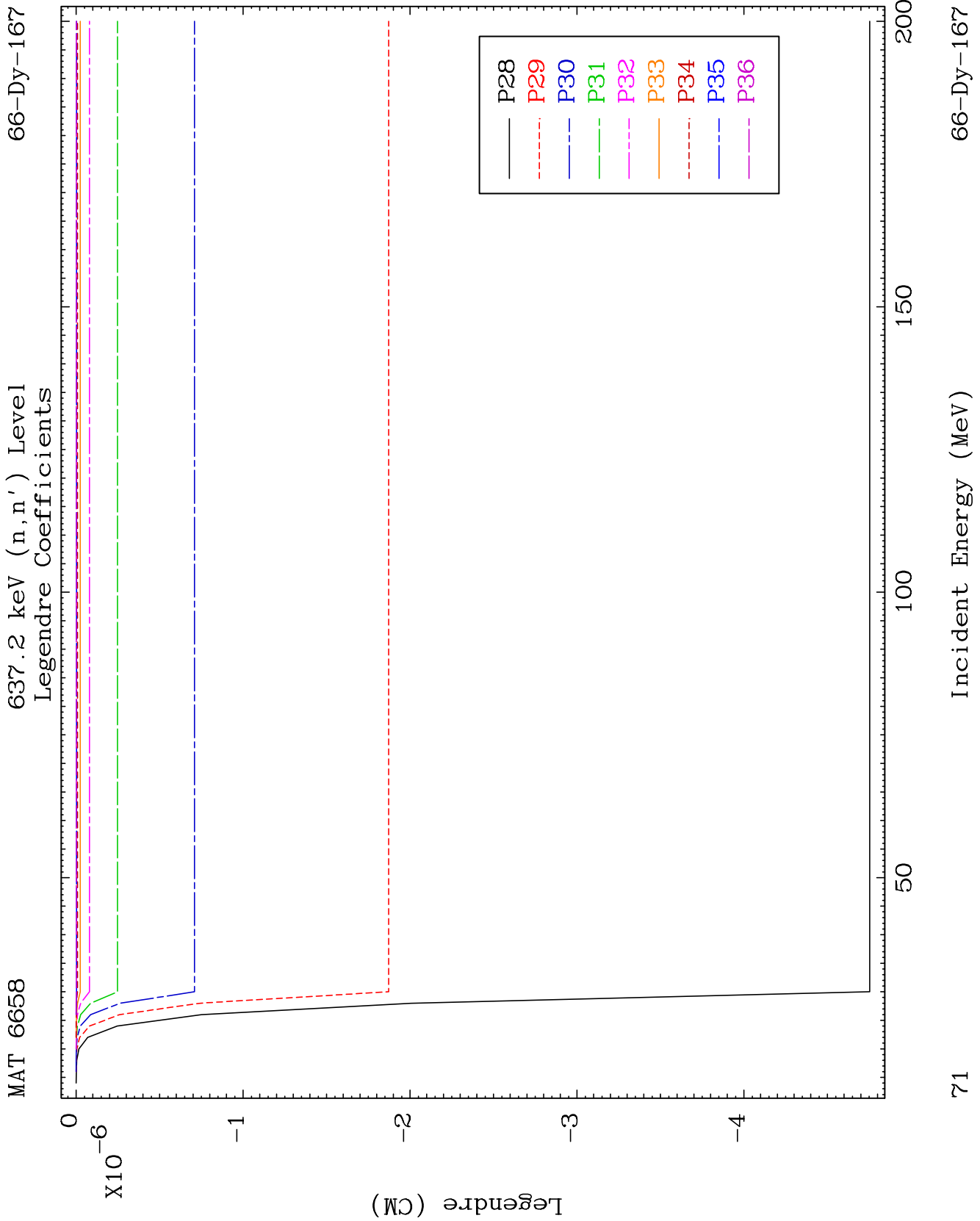
66-Dy-167



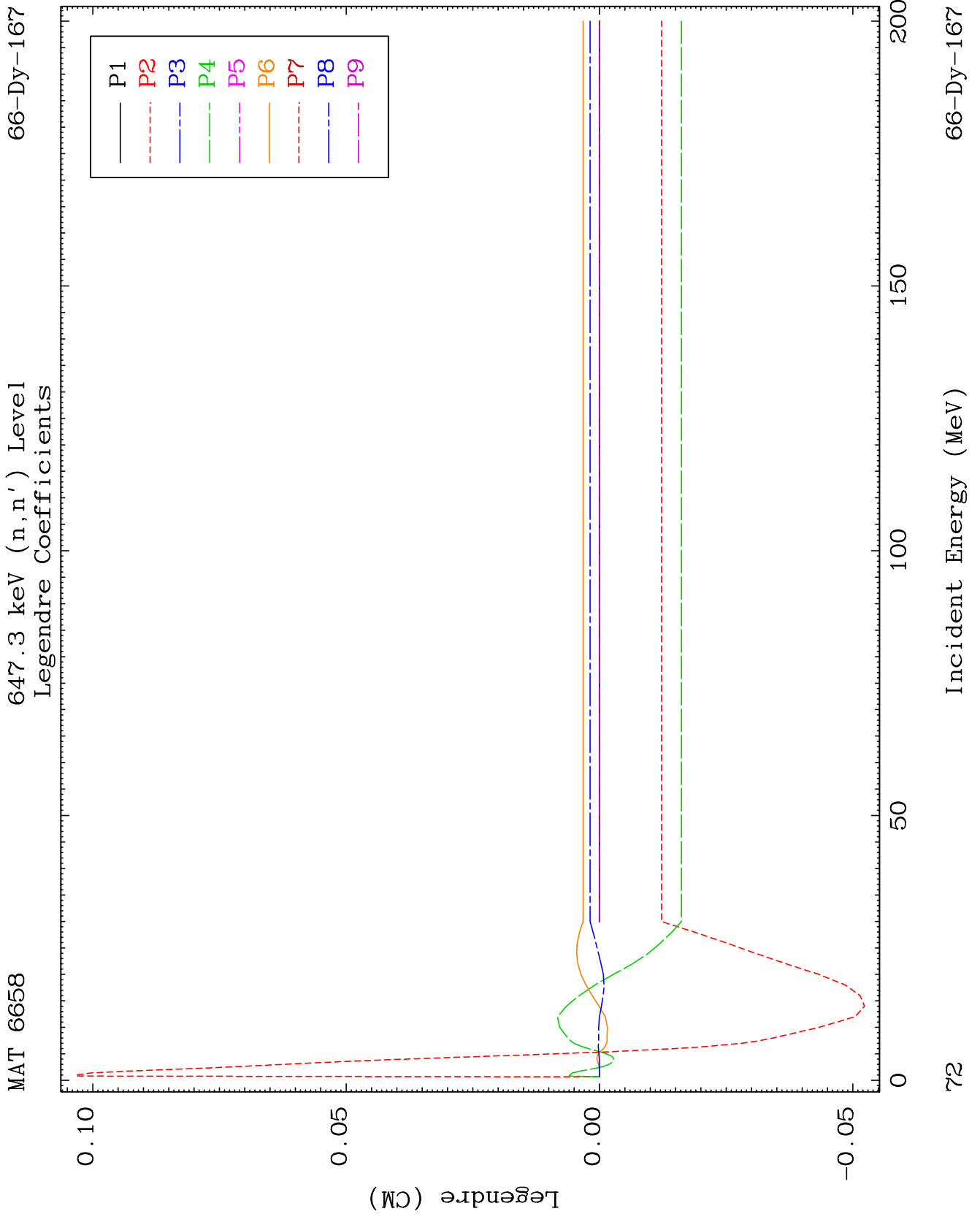
70

Incident Energy (MeV)

66-Dy-167



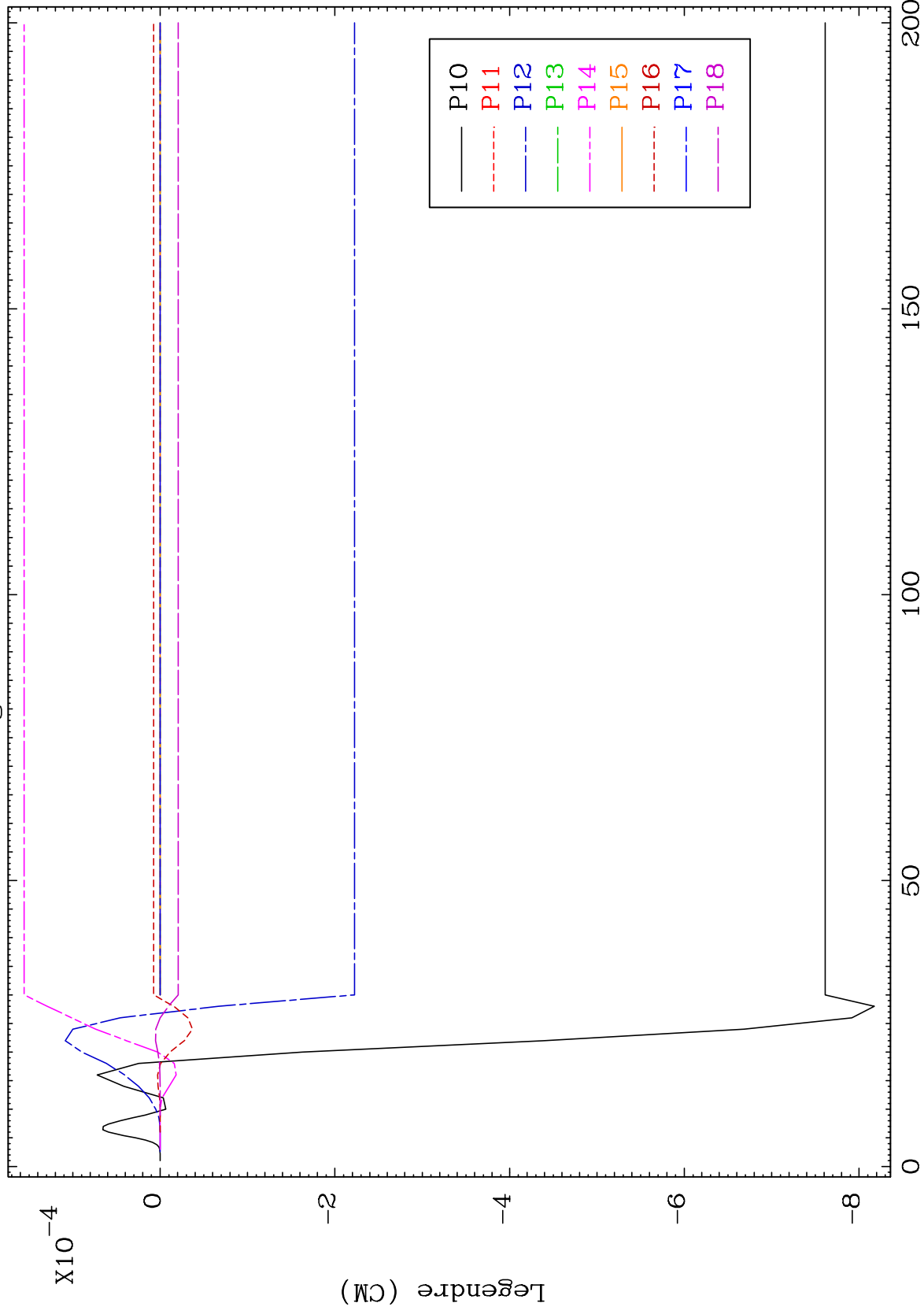




MAT 6658

647.3 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



73

Incident Energy (MeV)

66-Dy-167

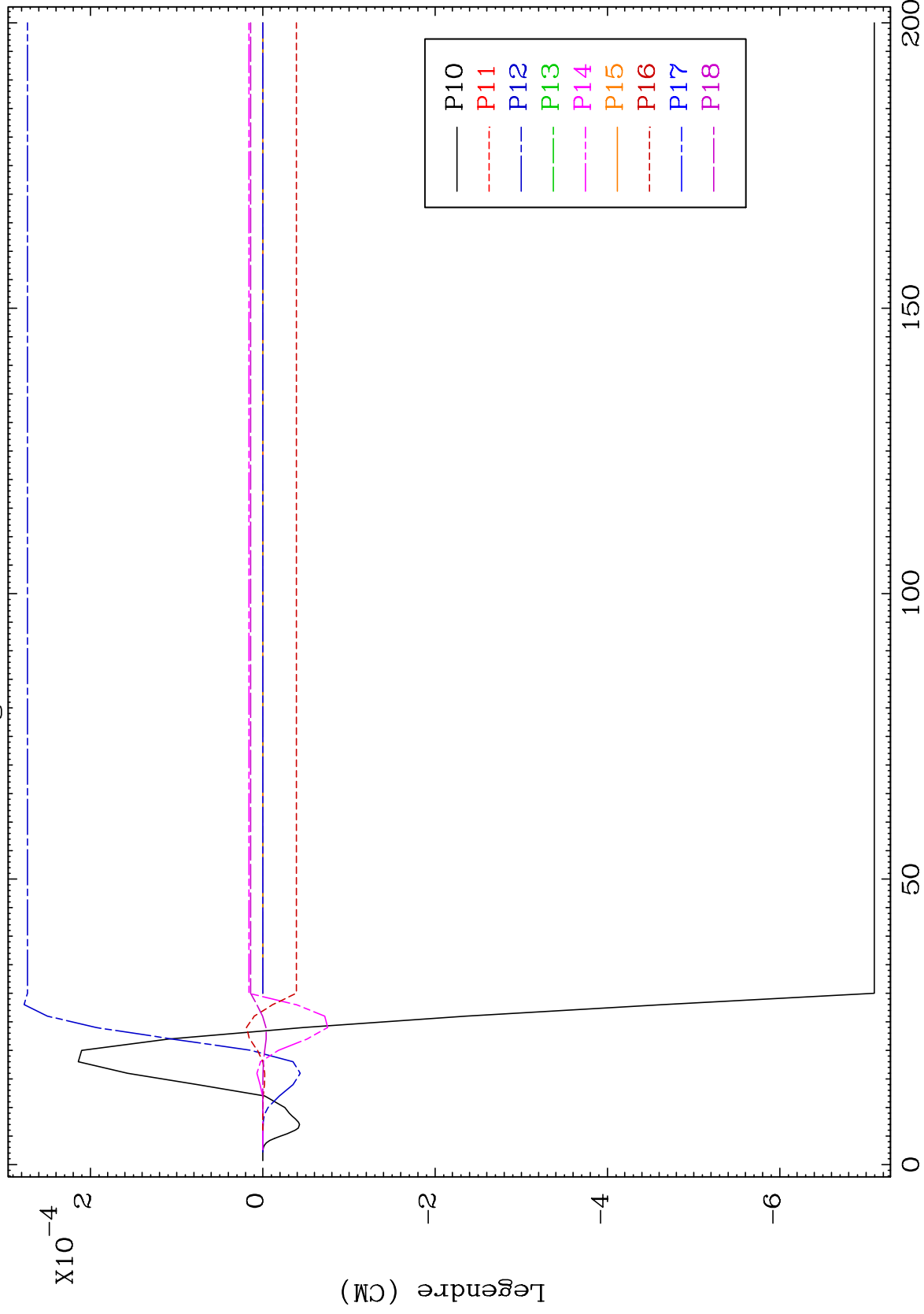




MAT 6658

666.7 keV (n,n') Level  
Legendre Coefficients

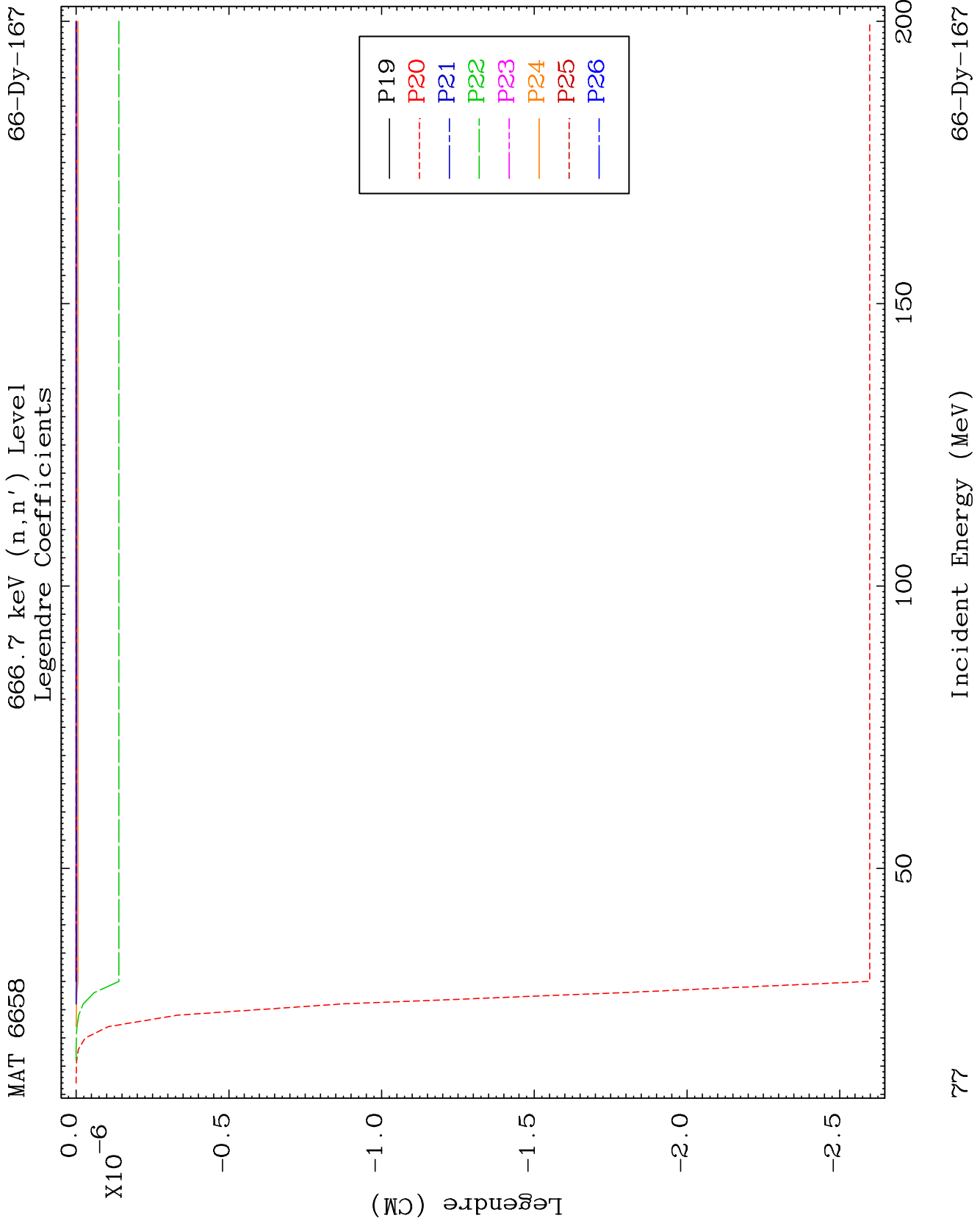
66-Dy-167

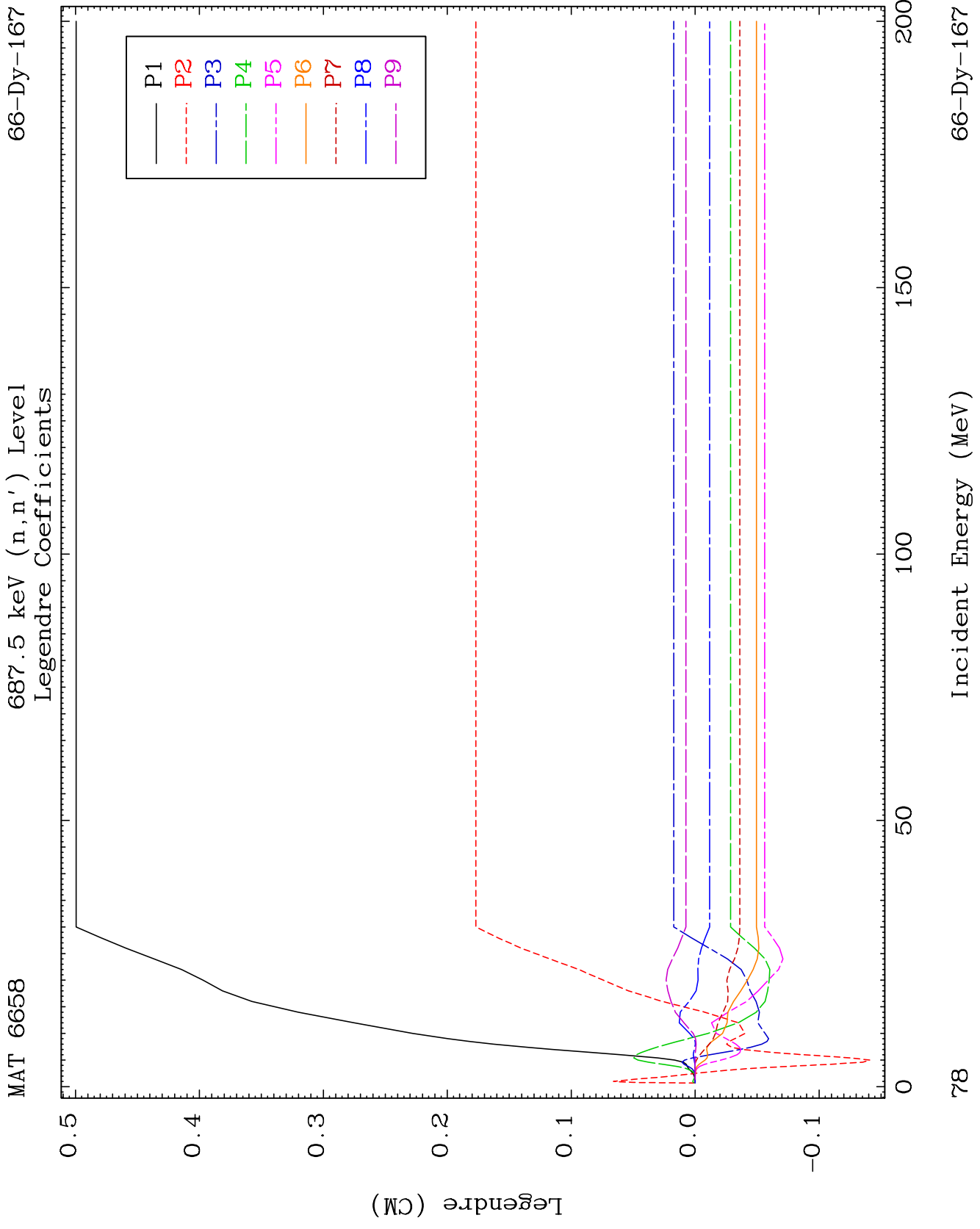


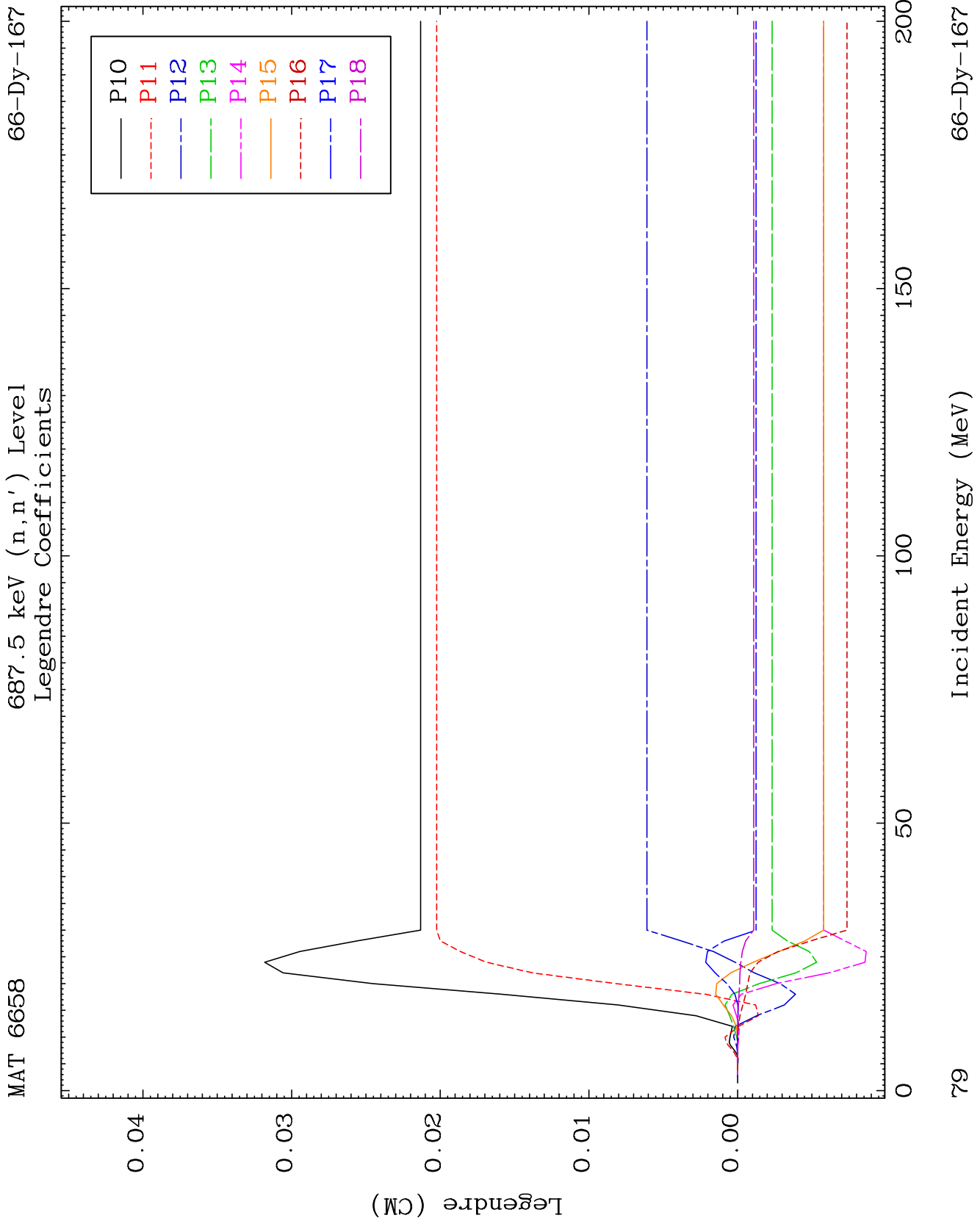
76

Incident Energy (MeV)

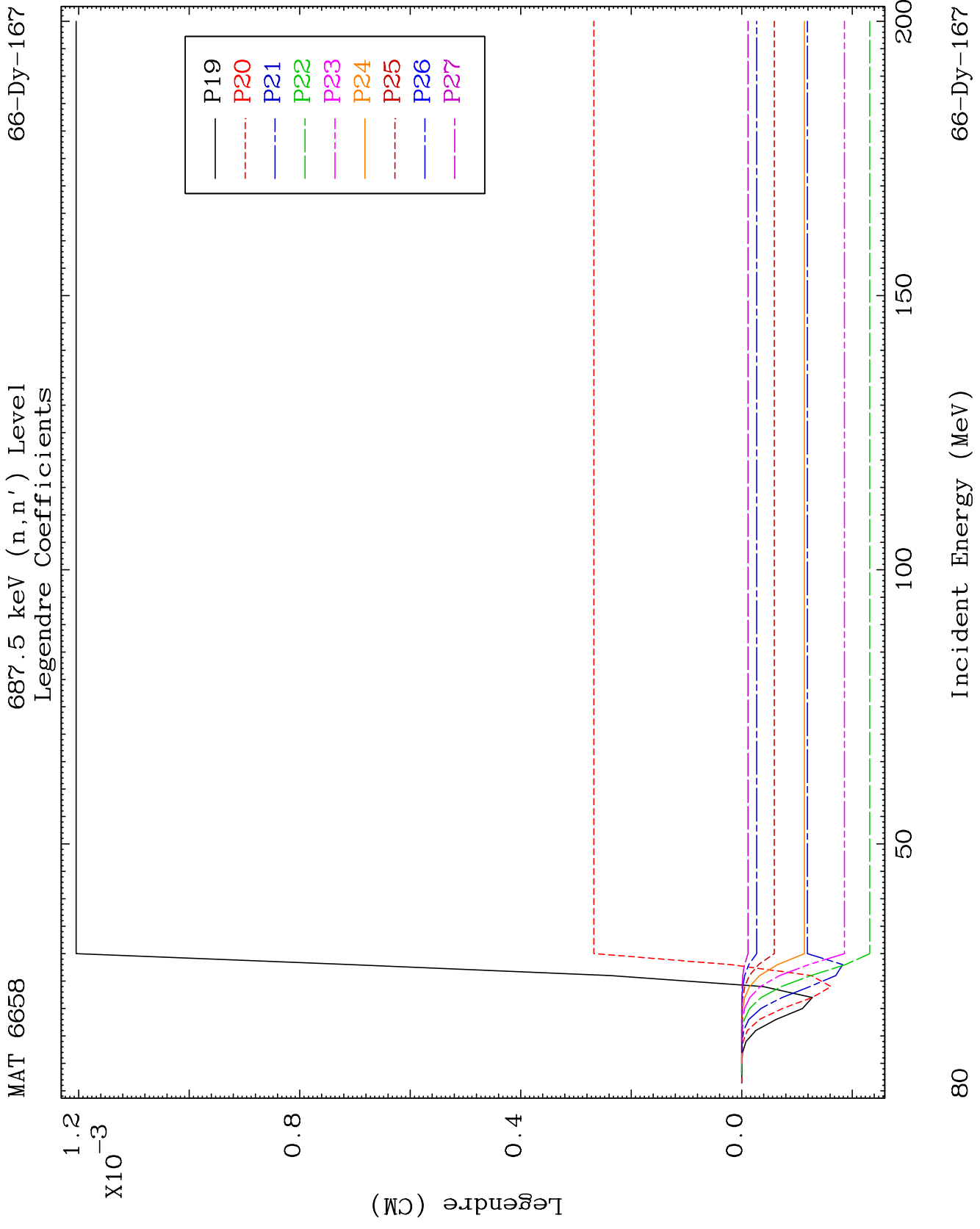
66-Dy-167

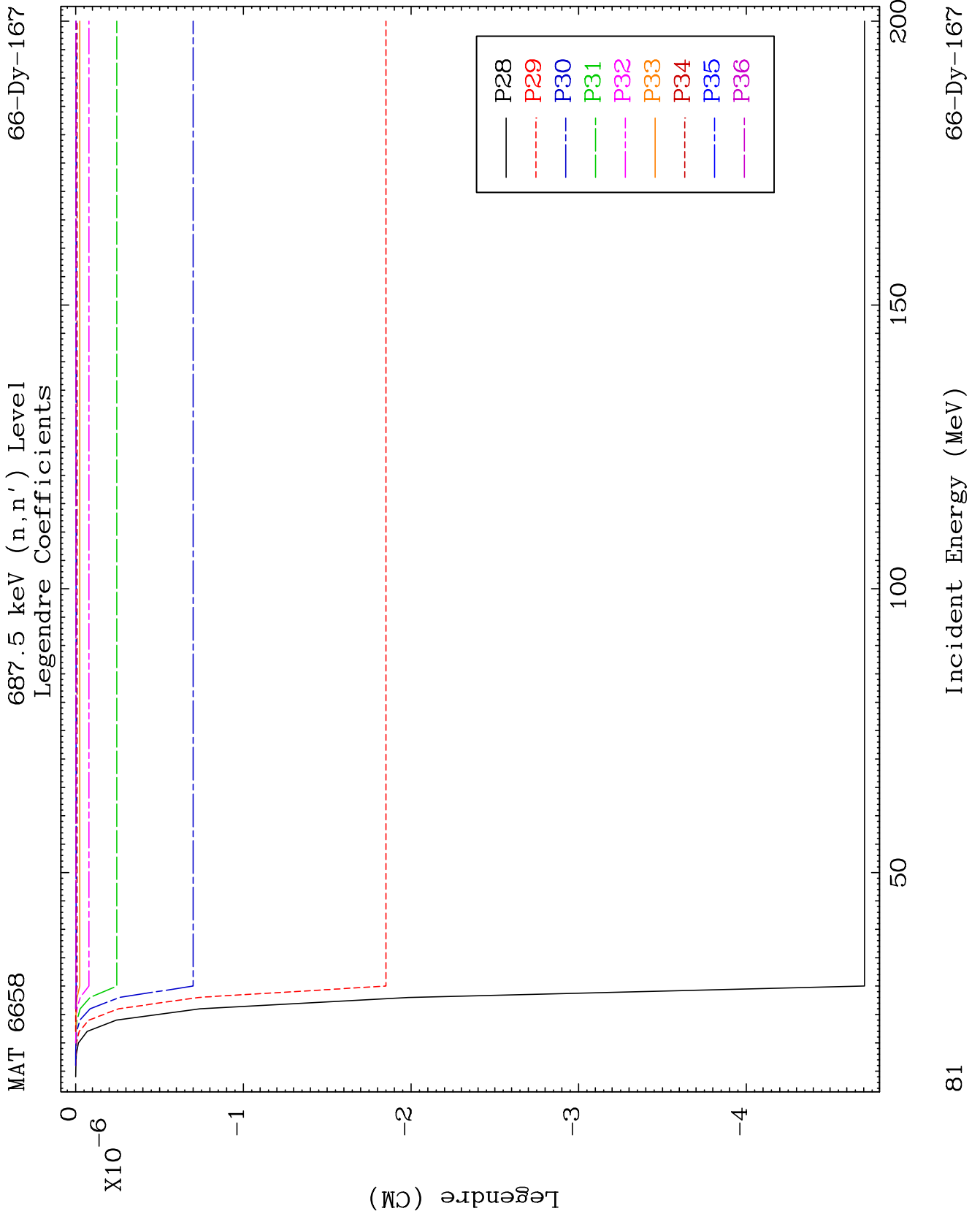


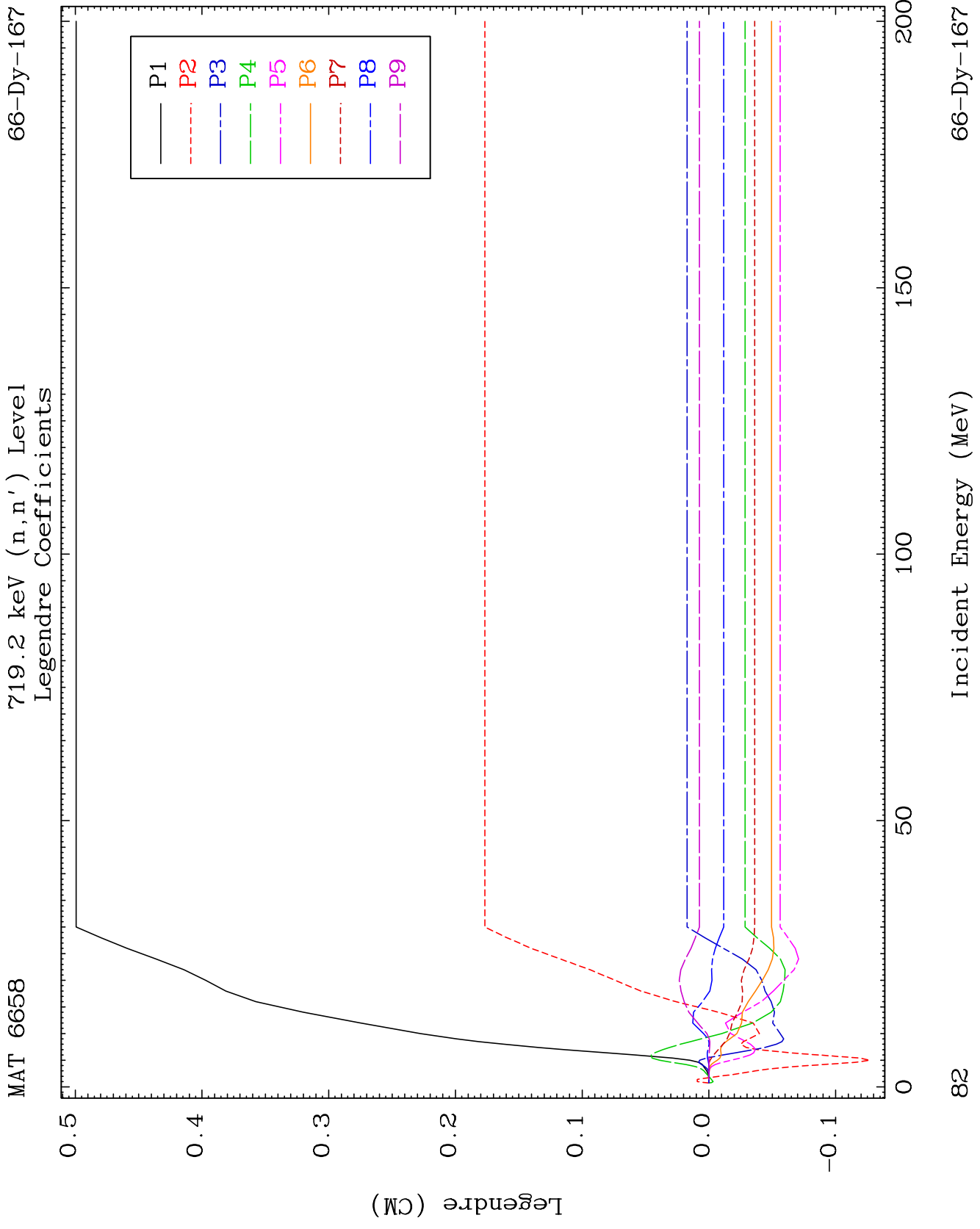








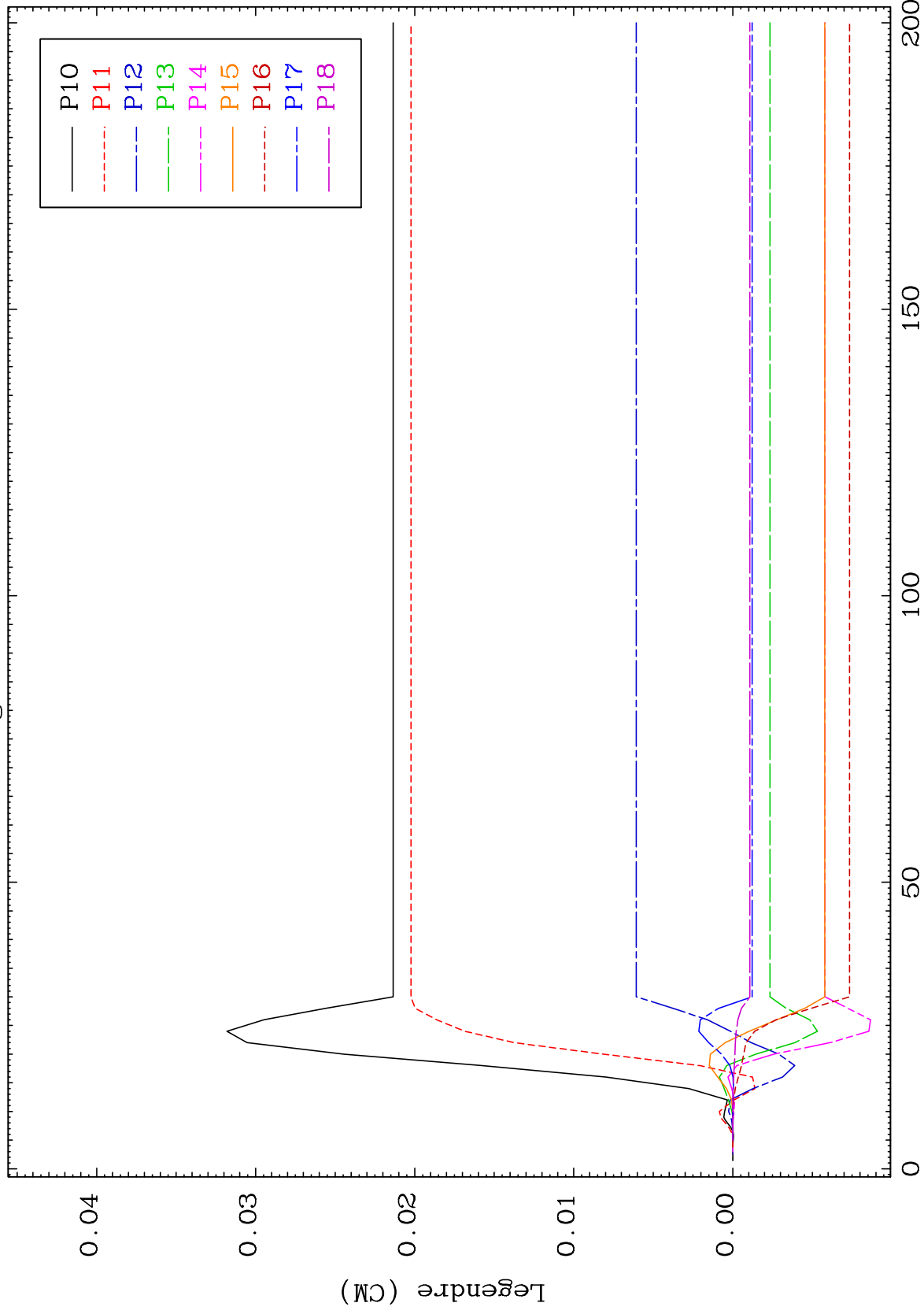




MAT 6658

719.2 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



83

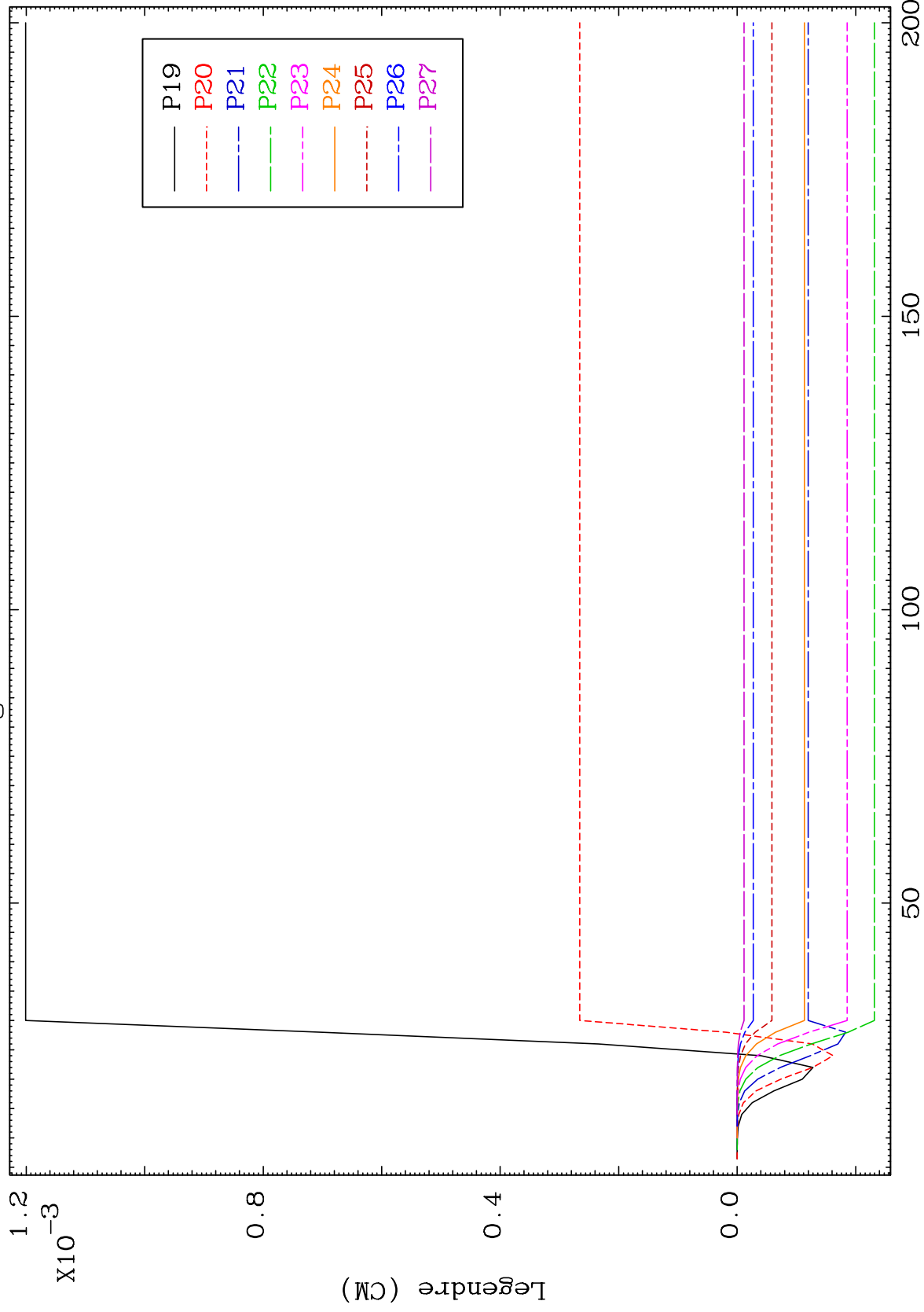
Incident Energy (MeV)

66-Dy-167

MAT 6658

719.2 keV (n,n') Level  
Legendre Coefficients

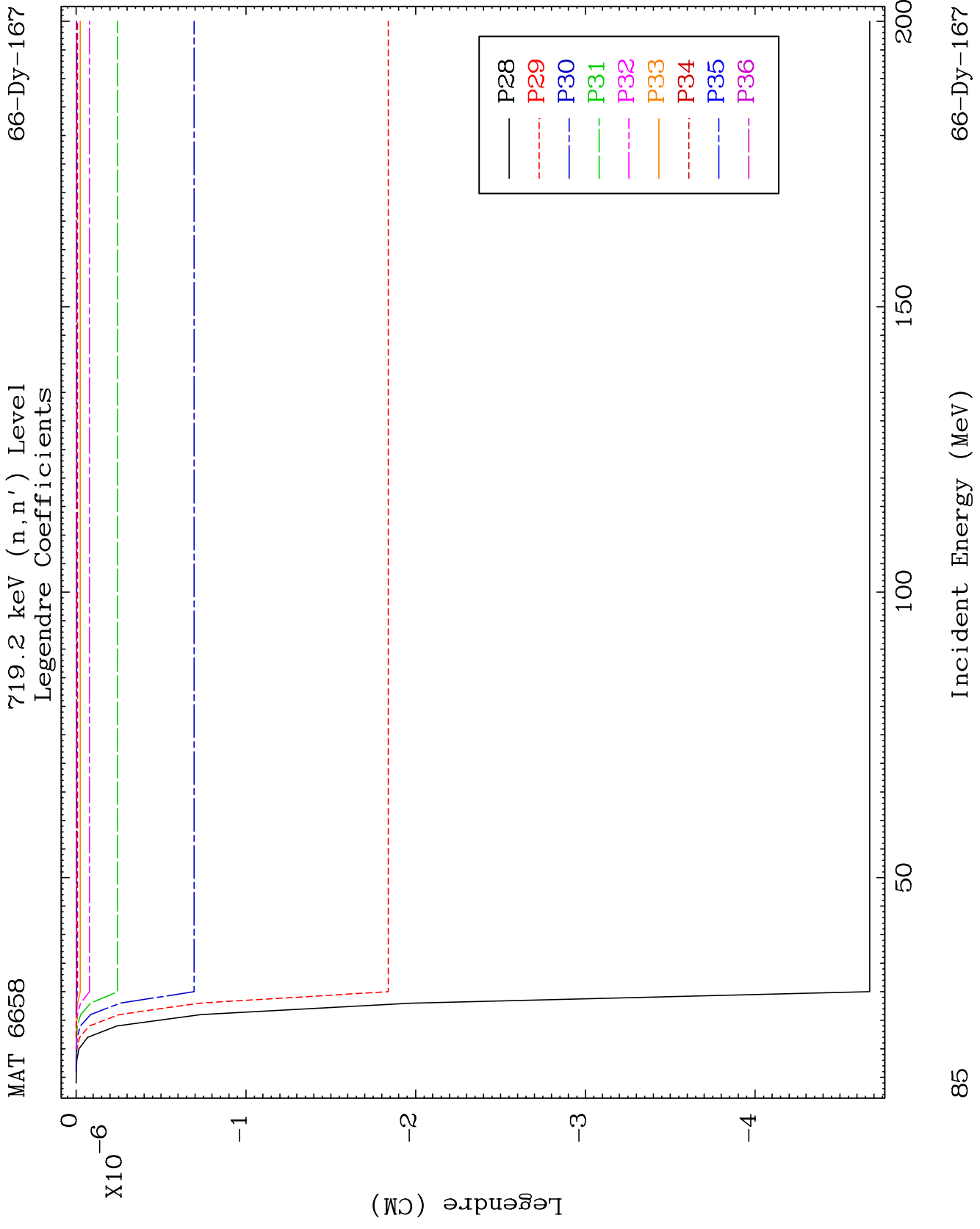
66-Dy-167



84

Incident Energy (MeV)

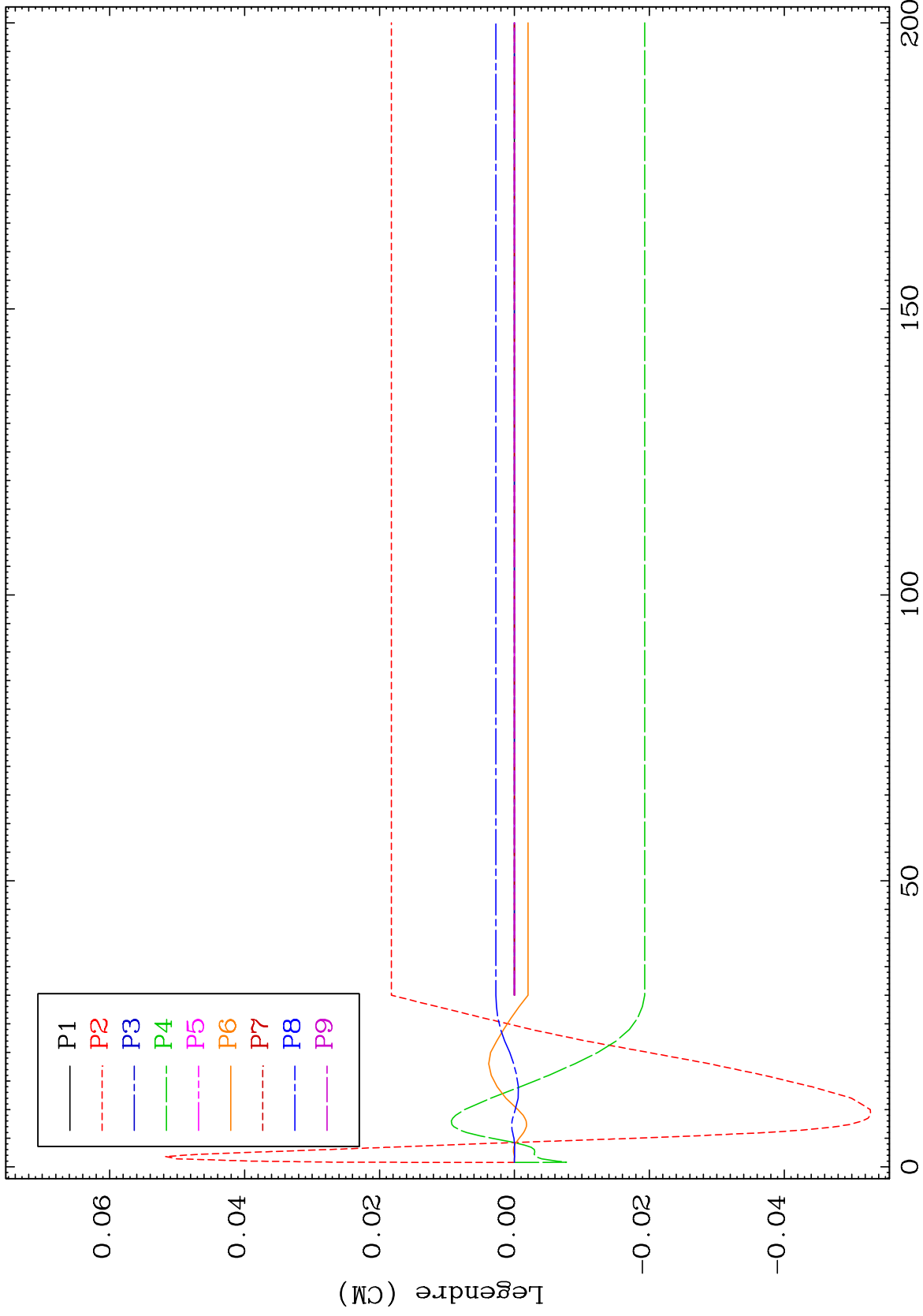
66-Dy-167



MAT 6658

750.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



86

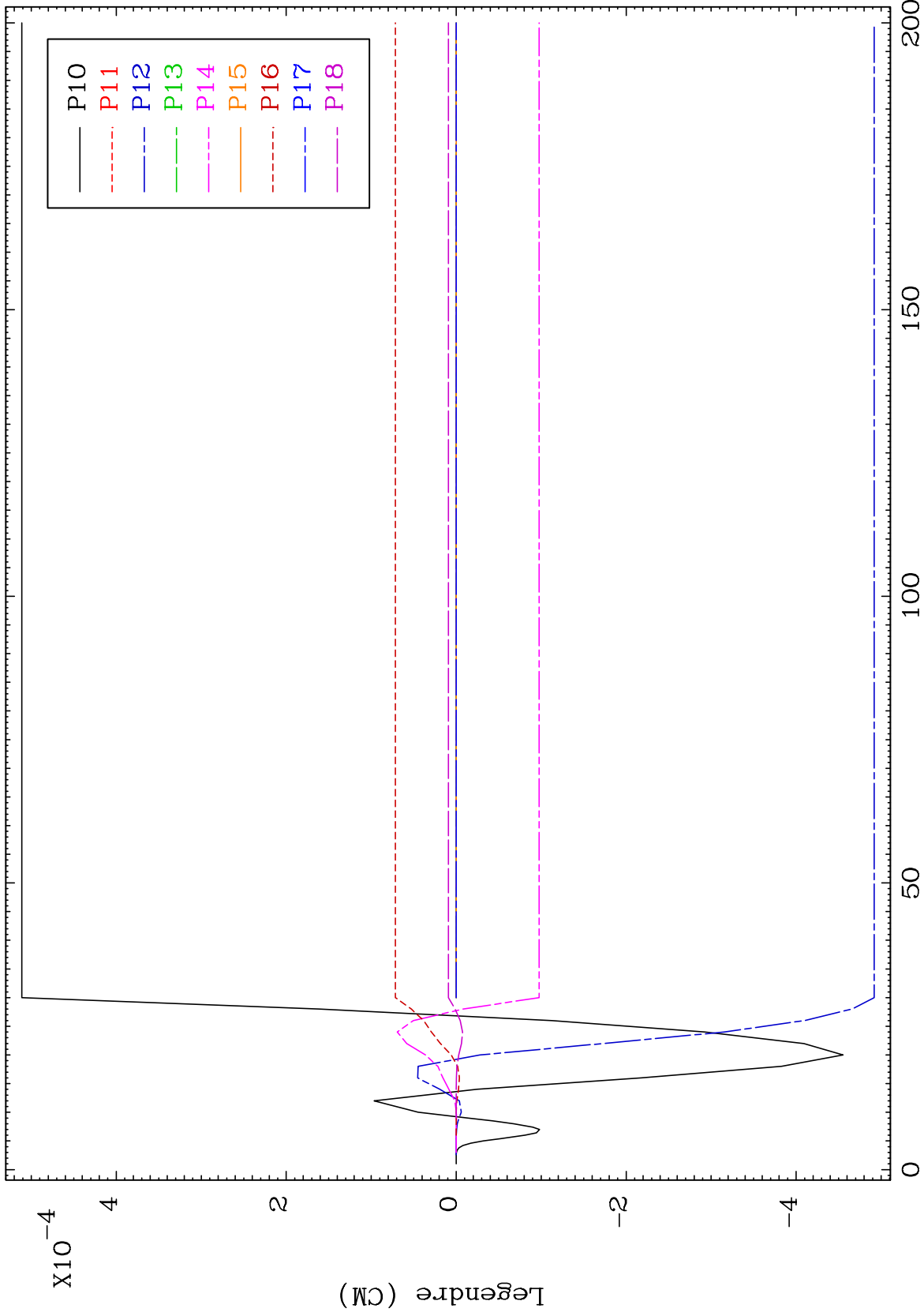
Incident Energy (MeV)

66-Dy-167

MAT 6658

750.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-167

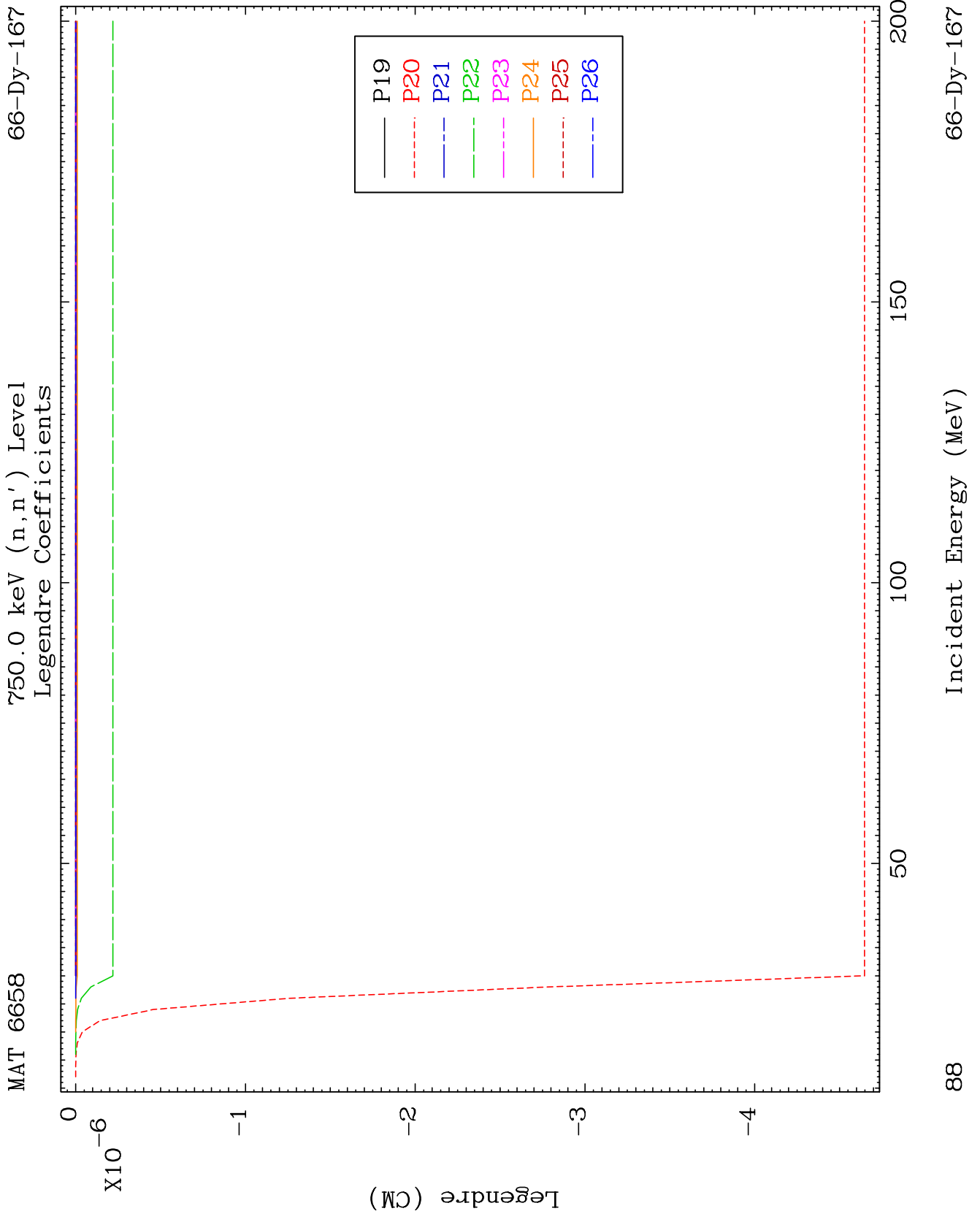


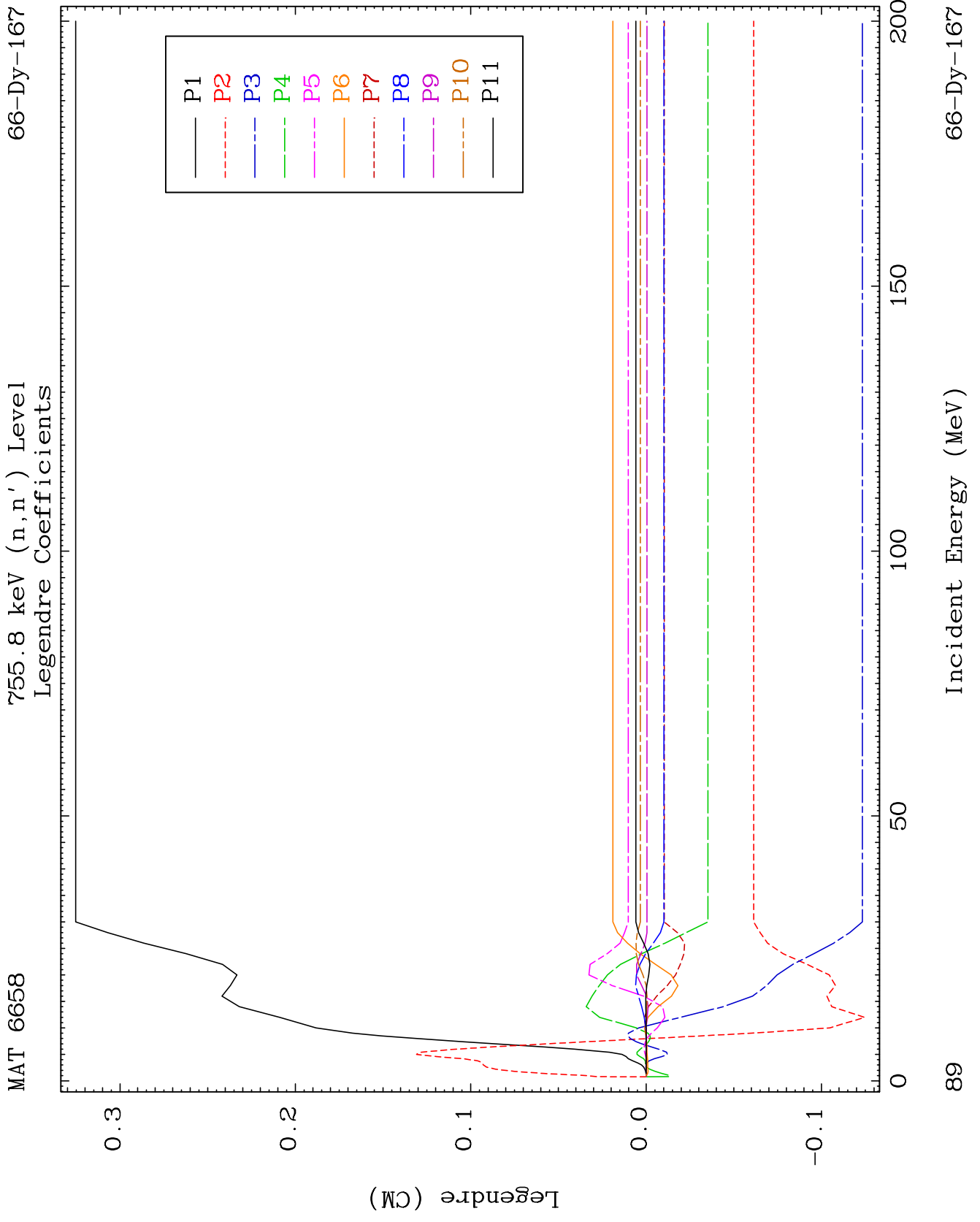
87

Incident Energy (MeV)

66-Dy-167



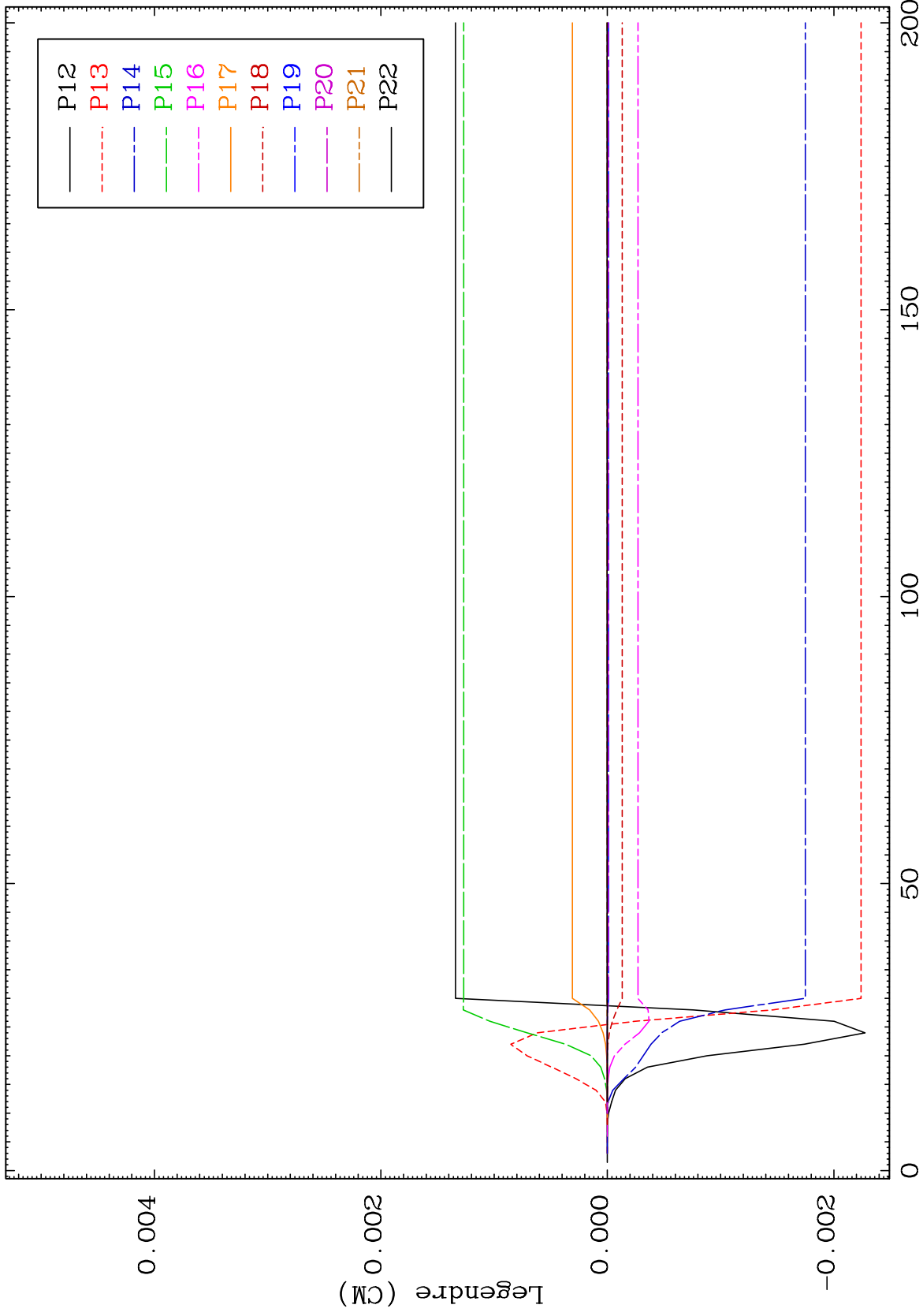




MAT 6658

755.8 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



90

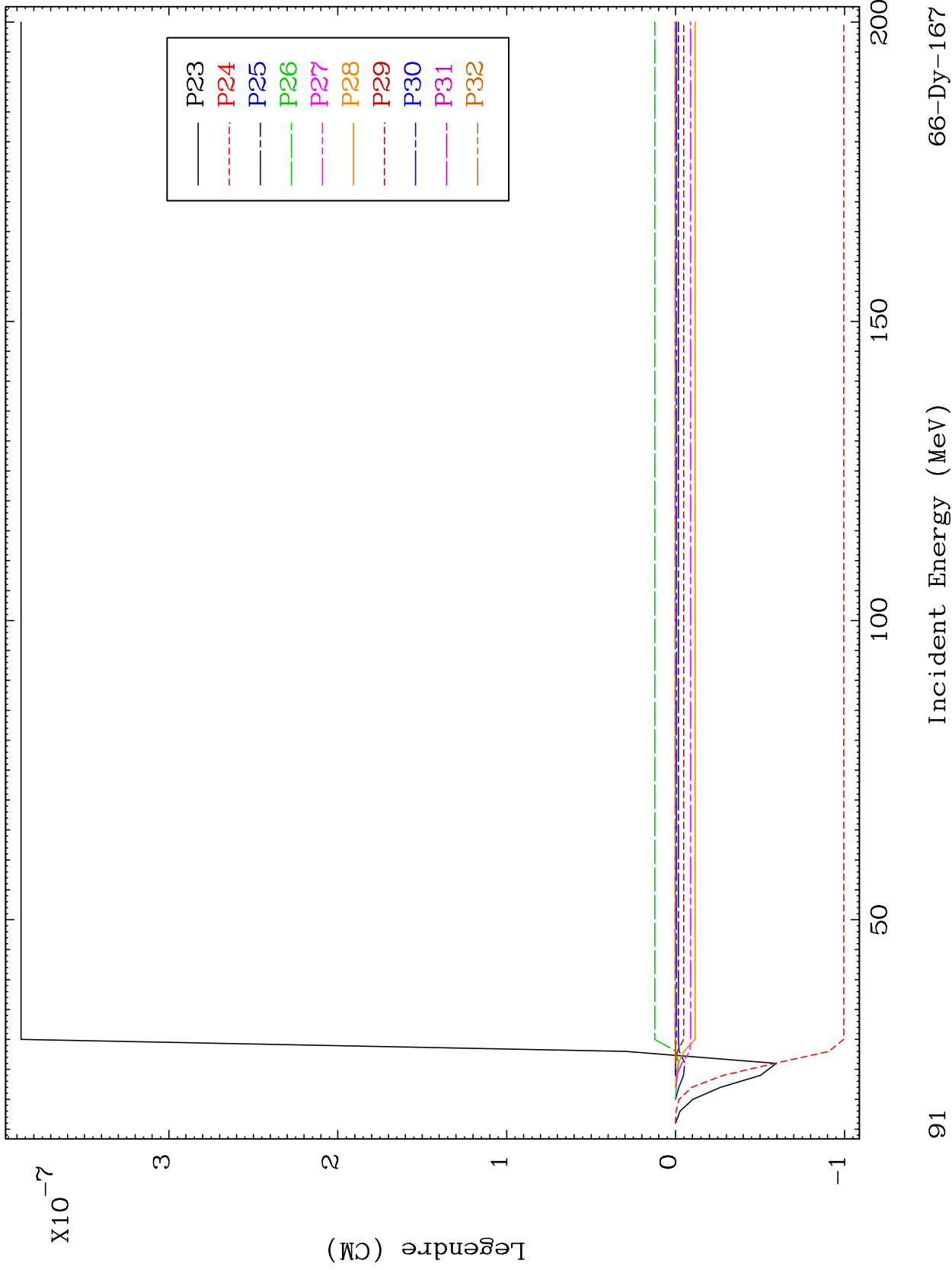
Incident Energy (MeV)

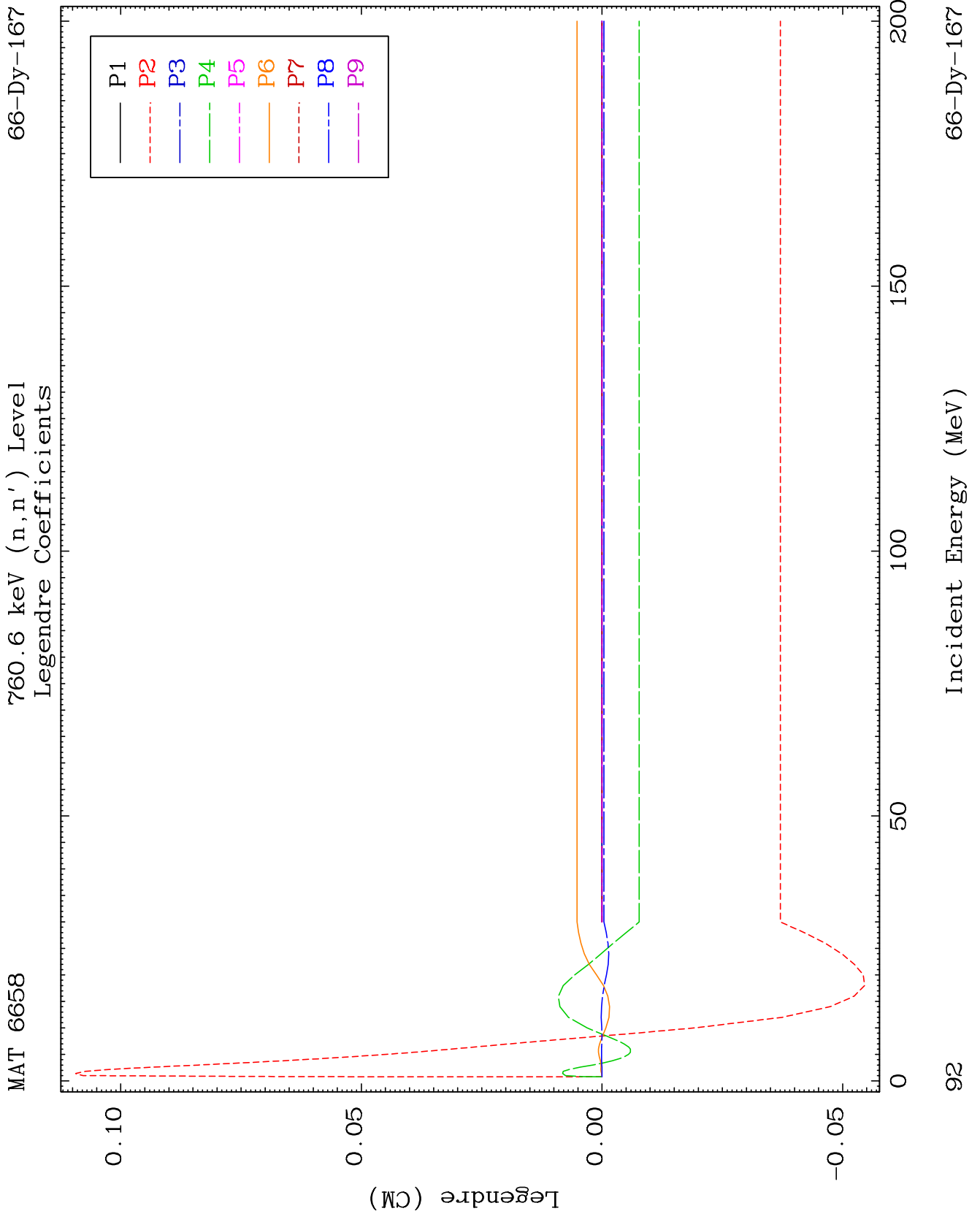
66-Dy-167

MAT 6658

755.8 keV (n,n') Level  
Legendre Coefficients

66-Dy-167

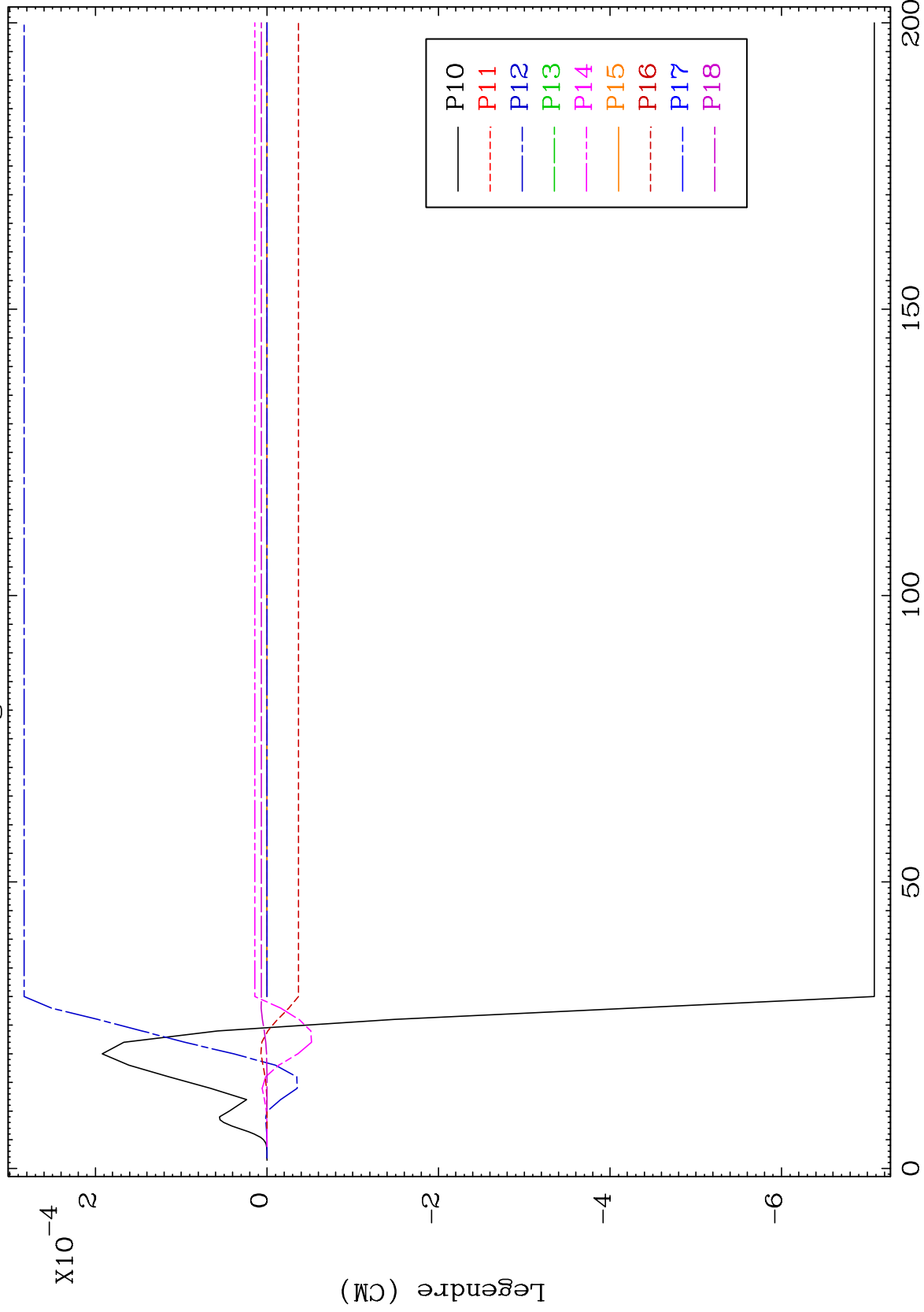




MAT 6658

760.6 keV (n,n') Level  
Legendre Coefficients

66-Dy-167

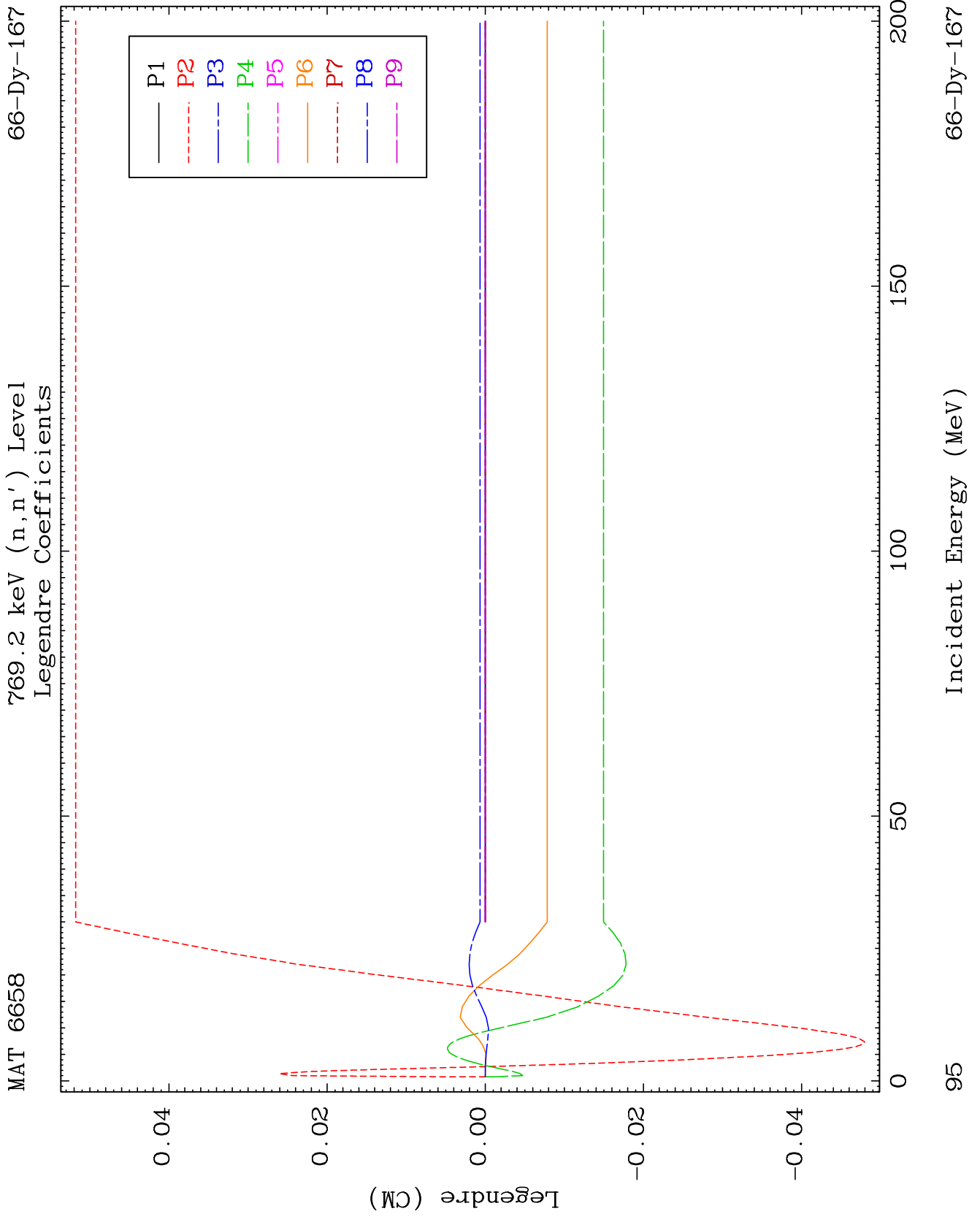


93

Incident Energy (MeV)

66-Dy-167



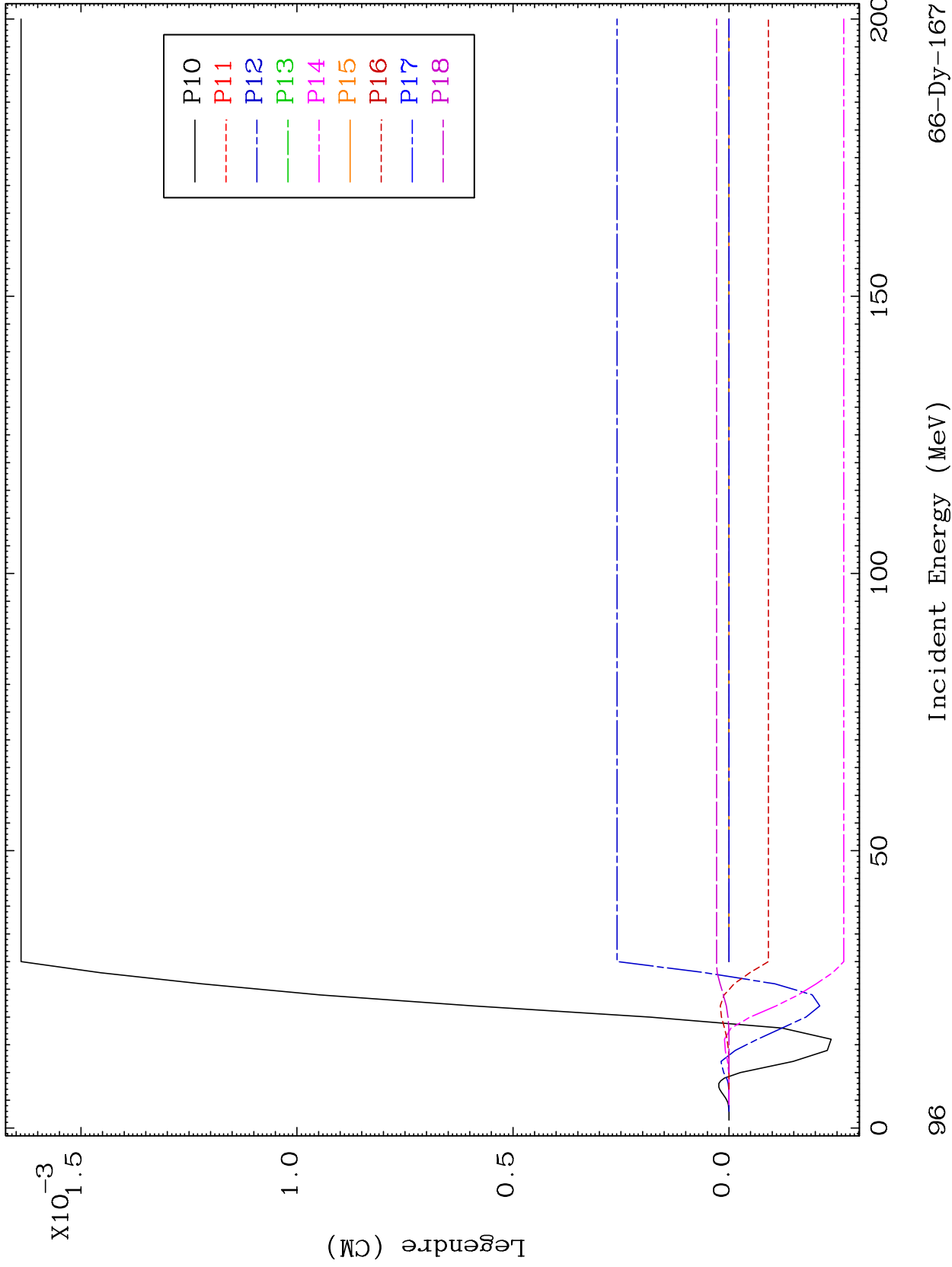




MAT 6658

769.2 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



96

Incident Energy (MeV)

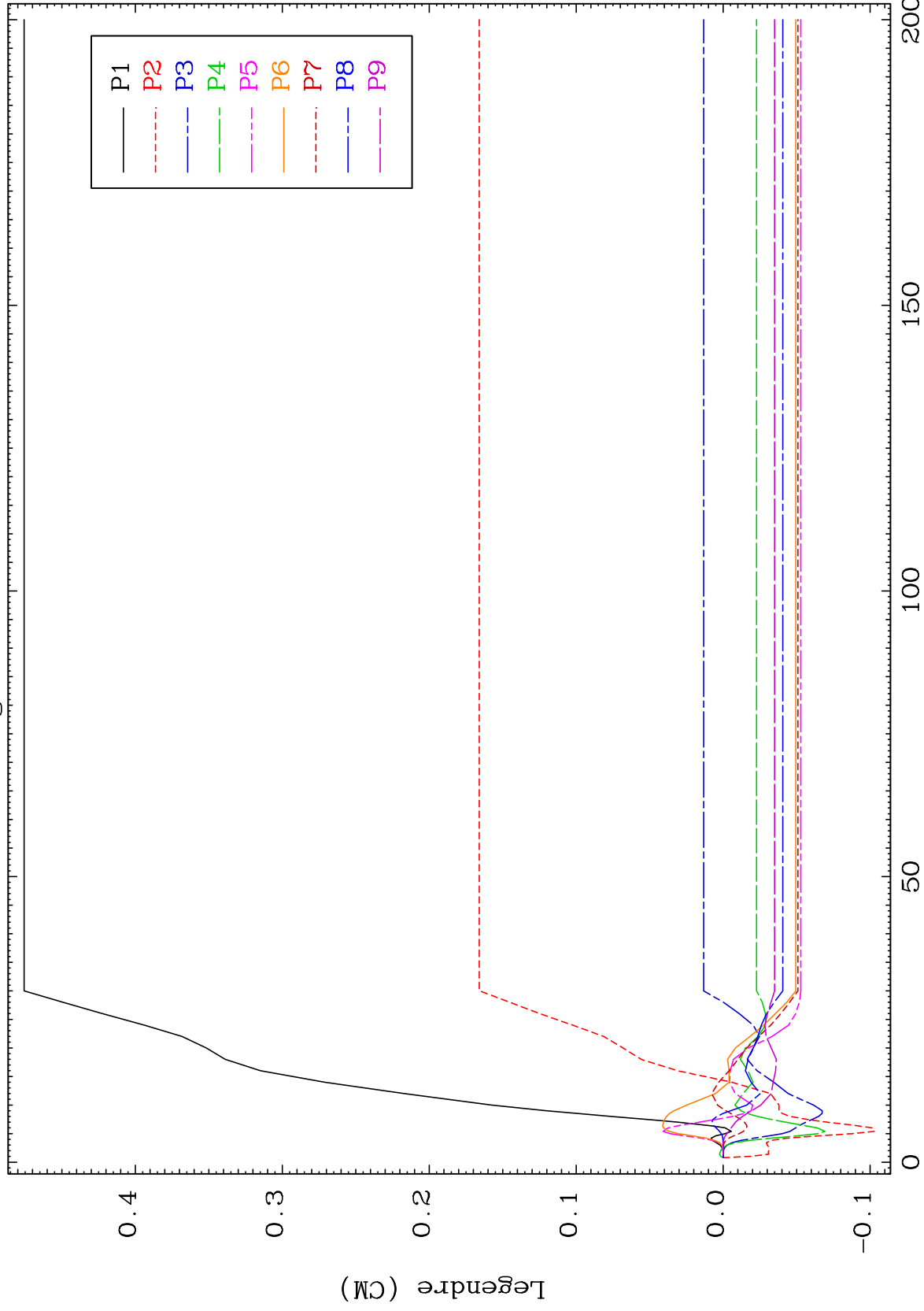
66-Dy-167



MAT 6658

777.8 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



66-Dy-167

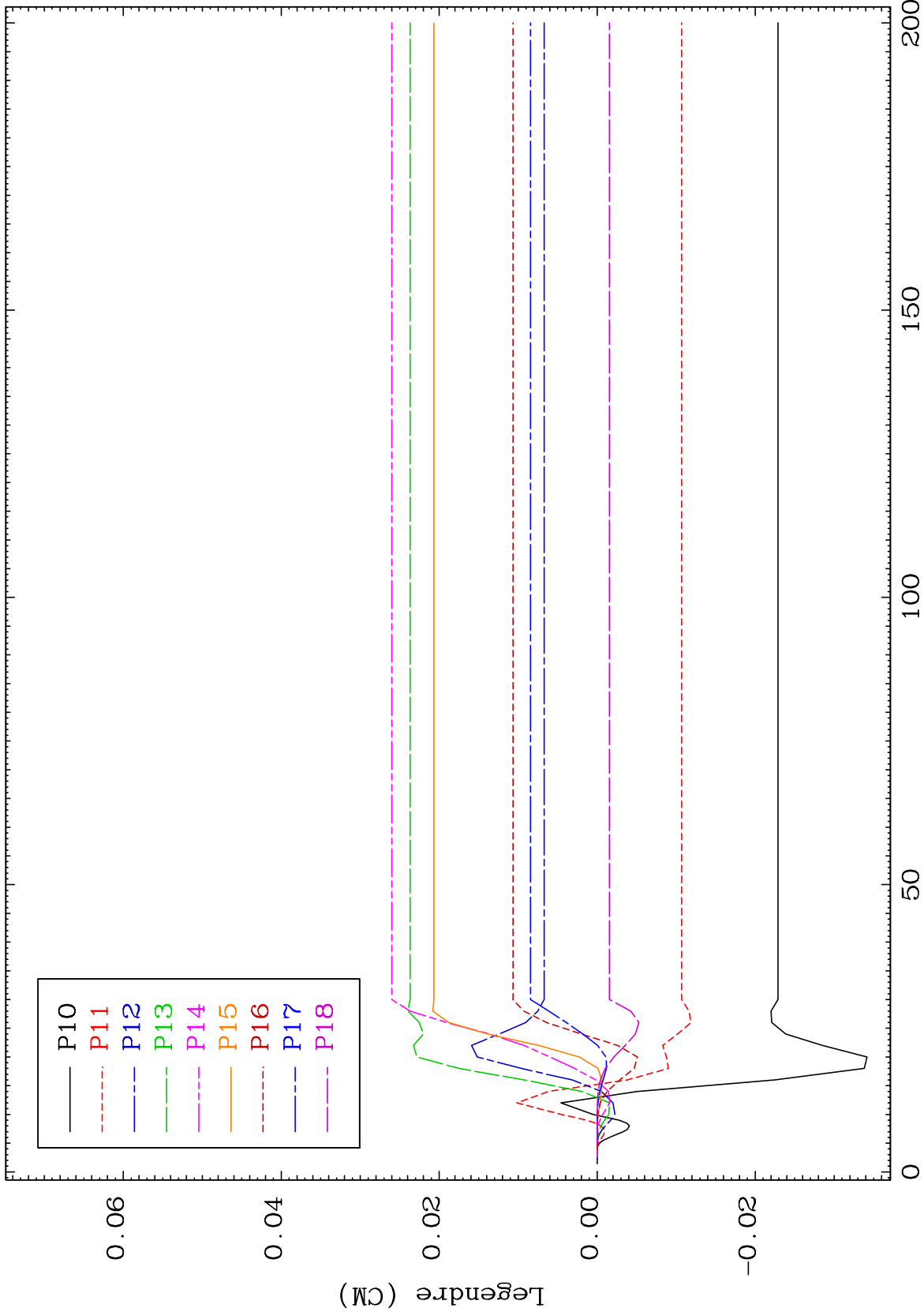
Incident Energy (MeV)

98

MAT 6658

777.8 keV (n,n') Level  
Legendre Coefficients

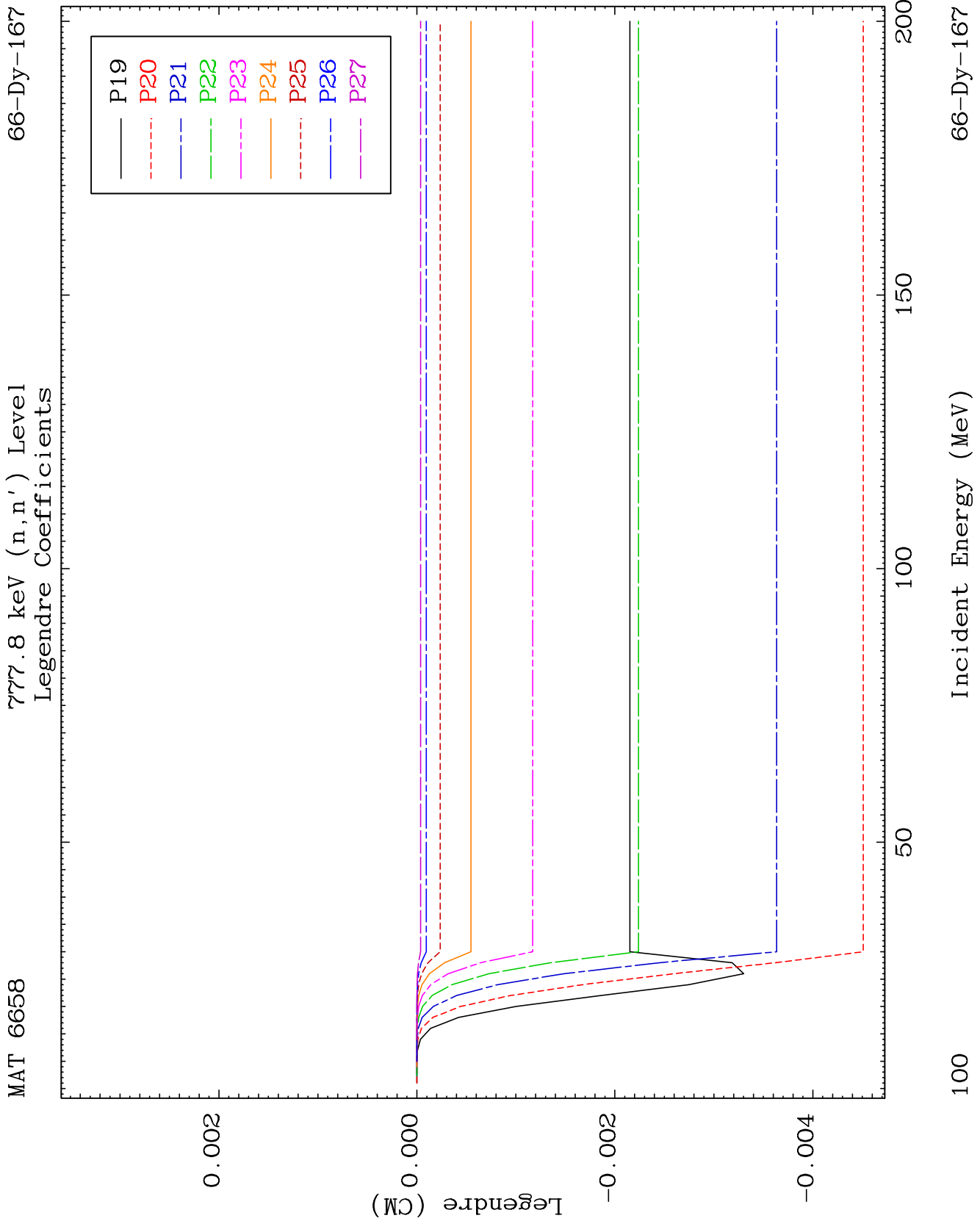
66-Dy-167

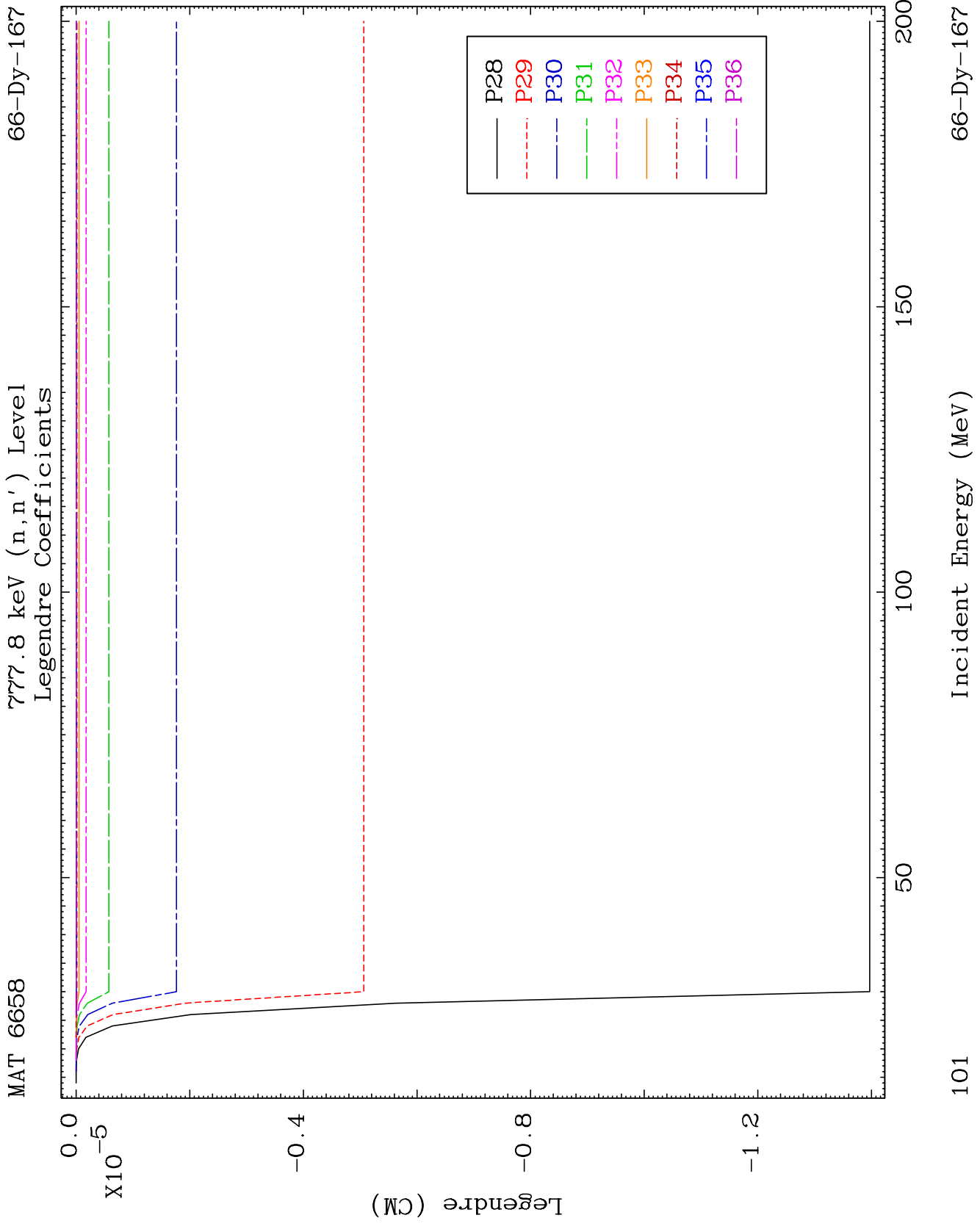


99

Incident Energy (MeV)

66-Dy-167

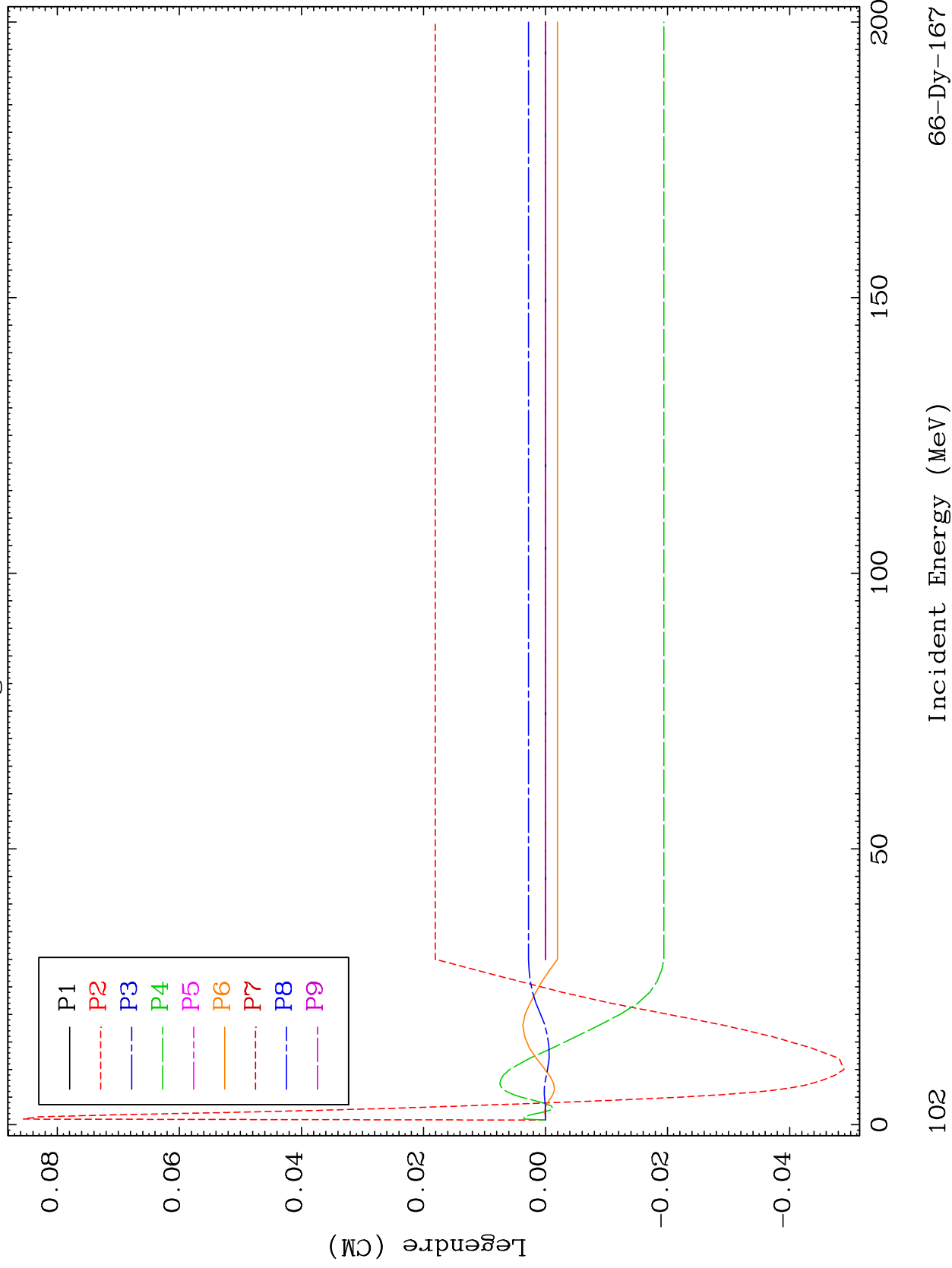




MAT 6658

812.5 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



66-Dy-167

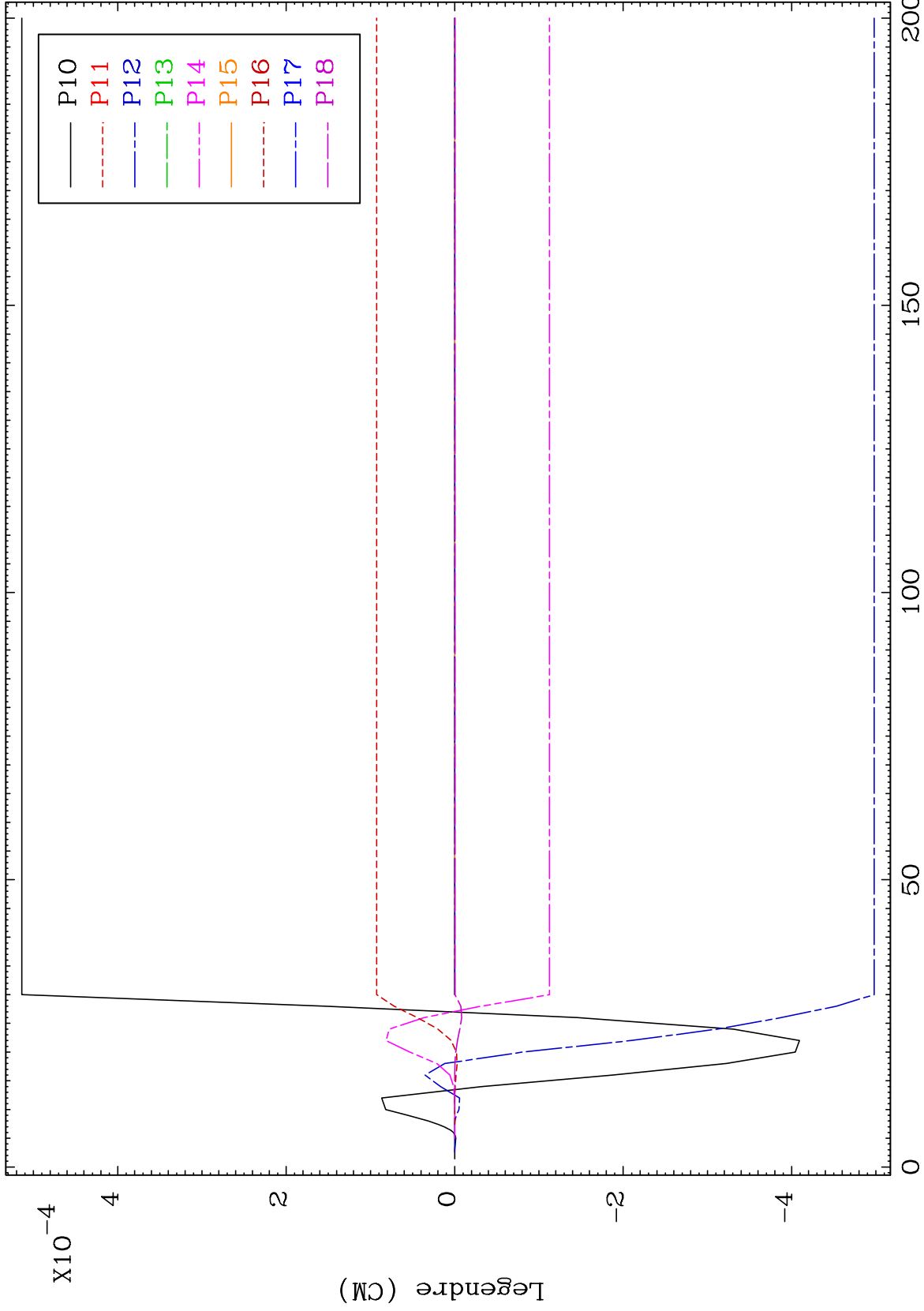
Incident Energy (MeV)

102

MAT 6658

812.5 keV (n,n') Level  
Legendre Coefficients

66-Dy-167

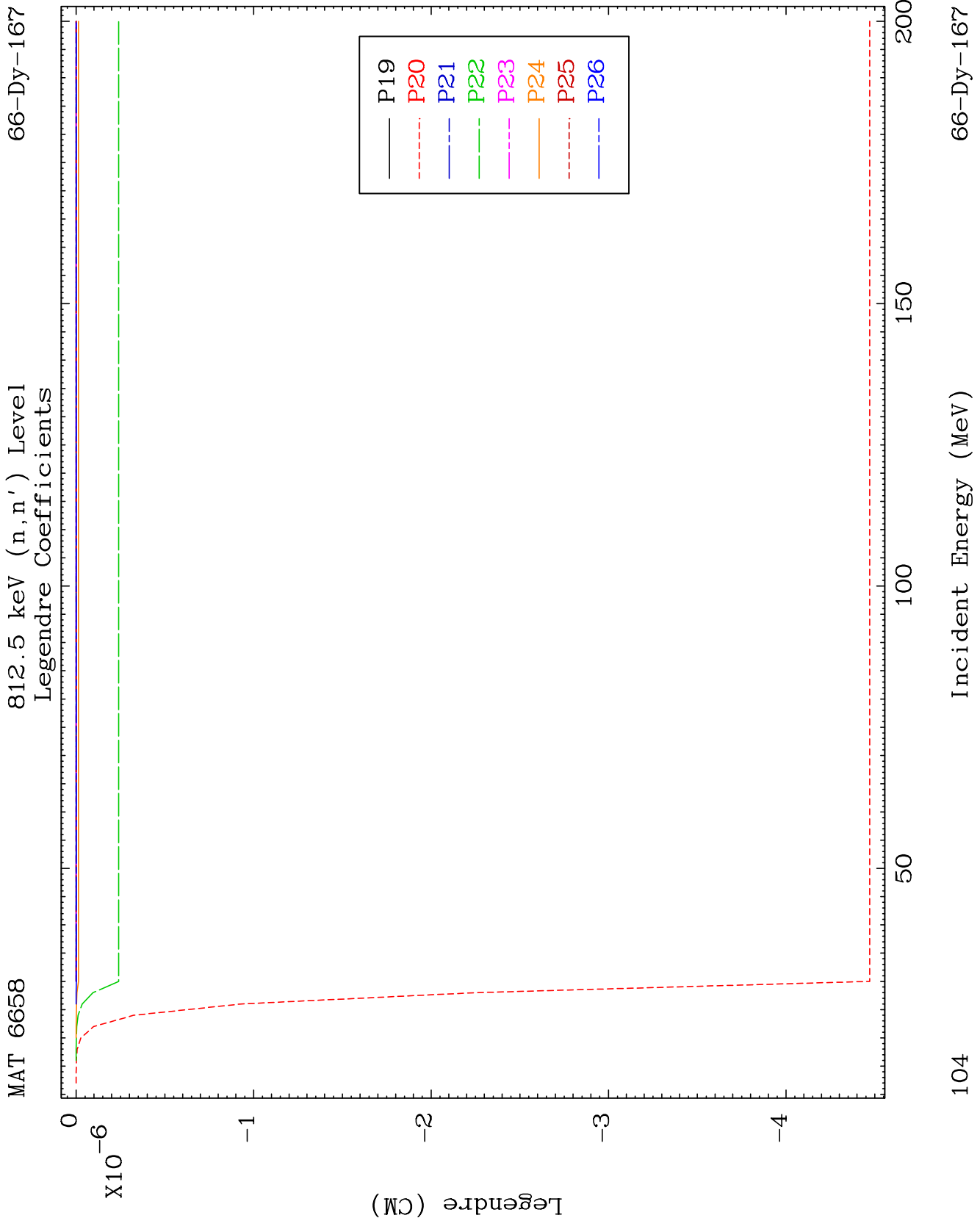


103

Incident Energy (MeV)

66-Dy-167



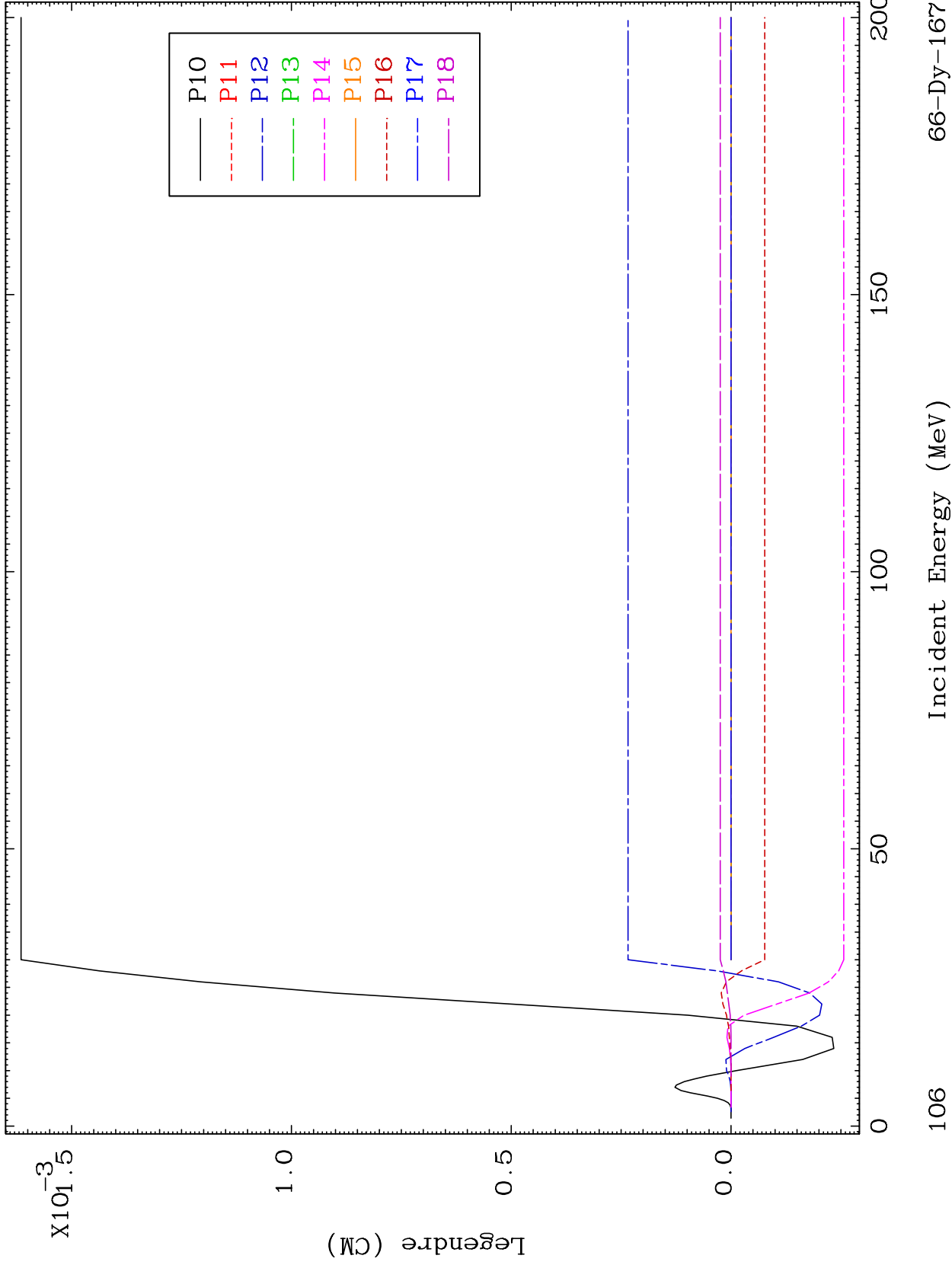




MAT 6658

814.9 keV (n, n') Level  
Legendre Coefficients

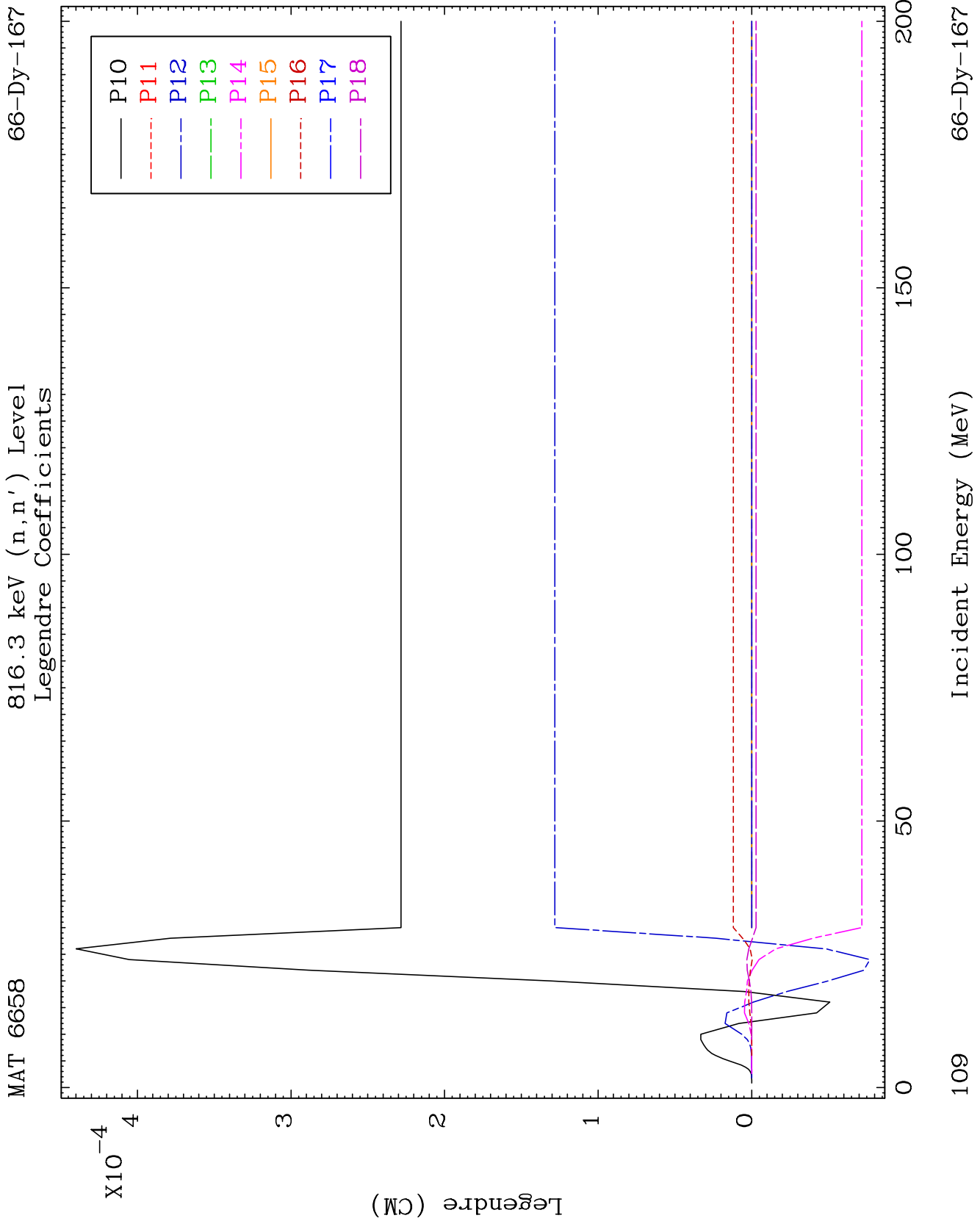
66-Dy-167



106



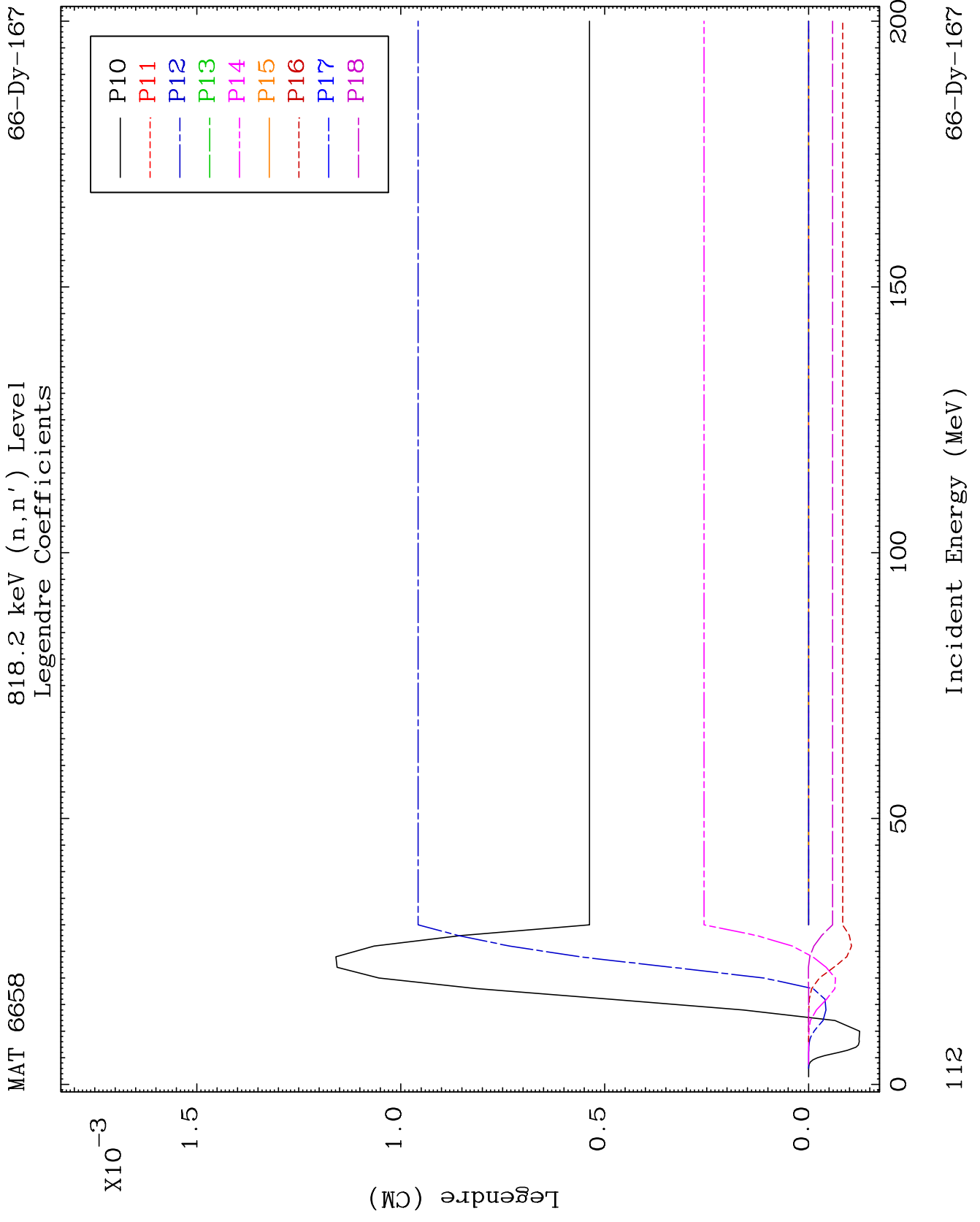


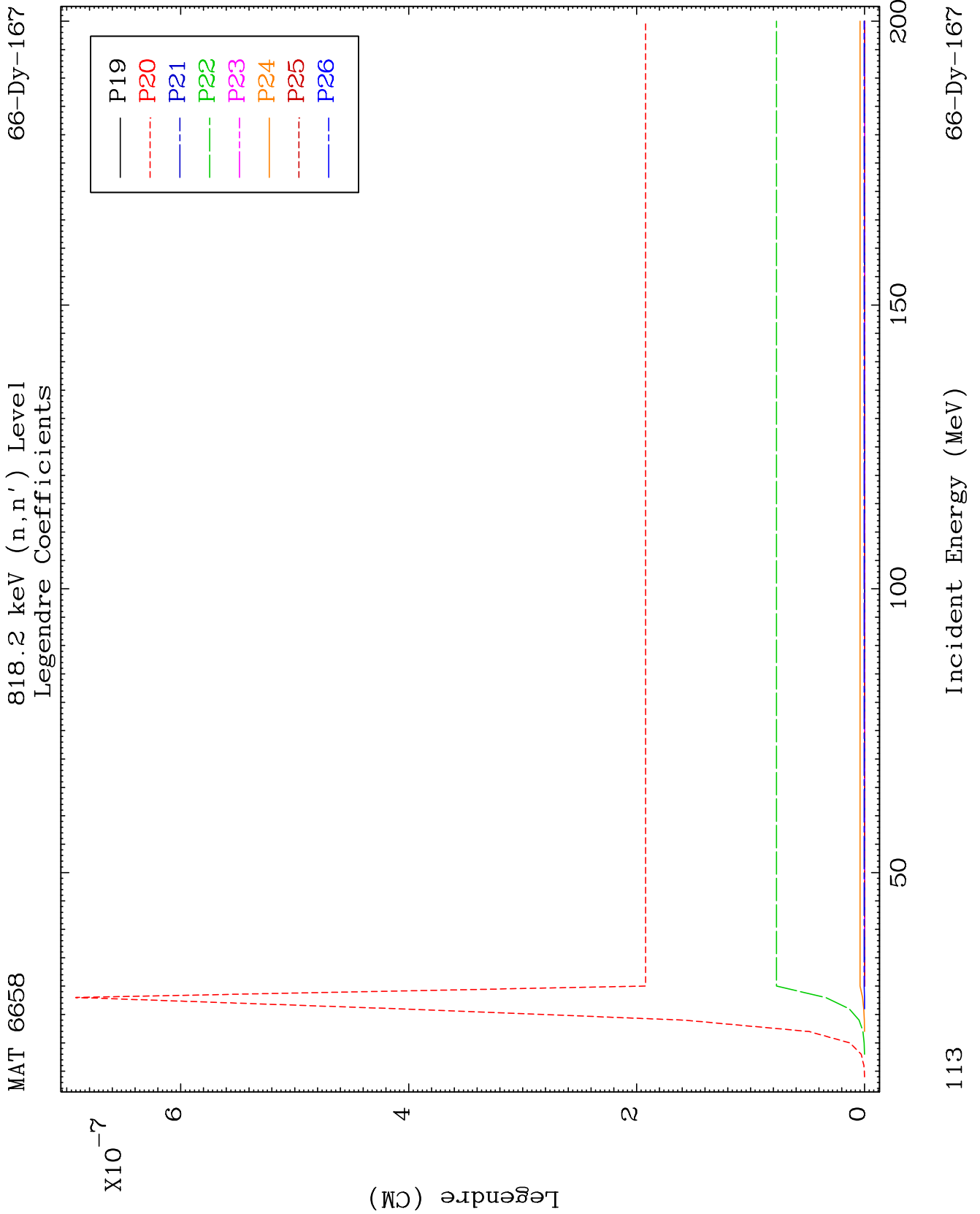


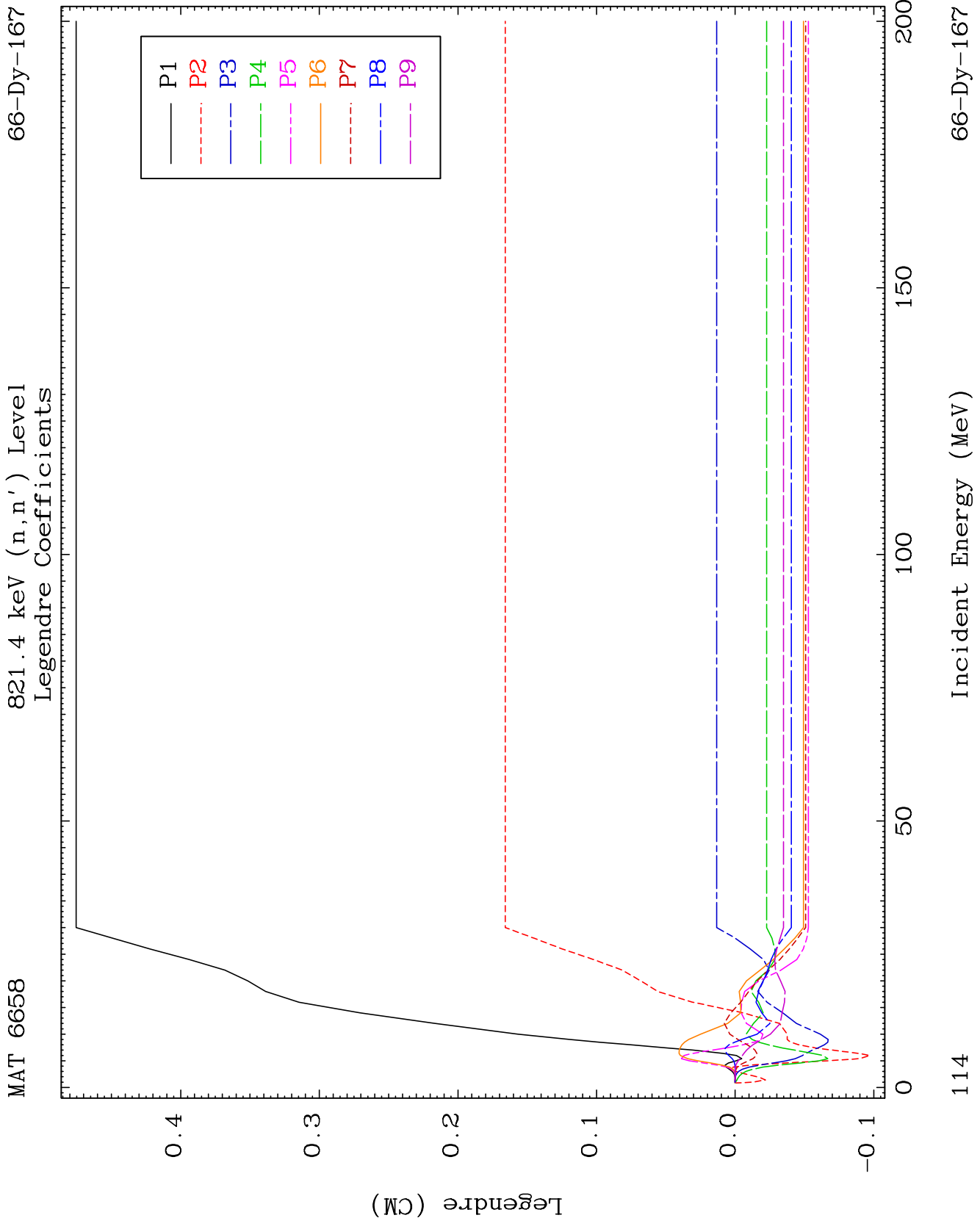








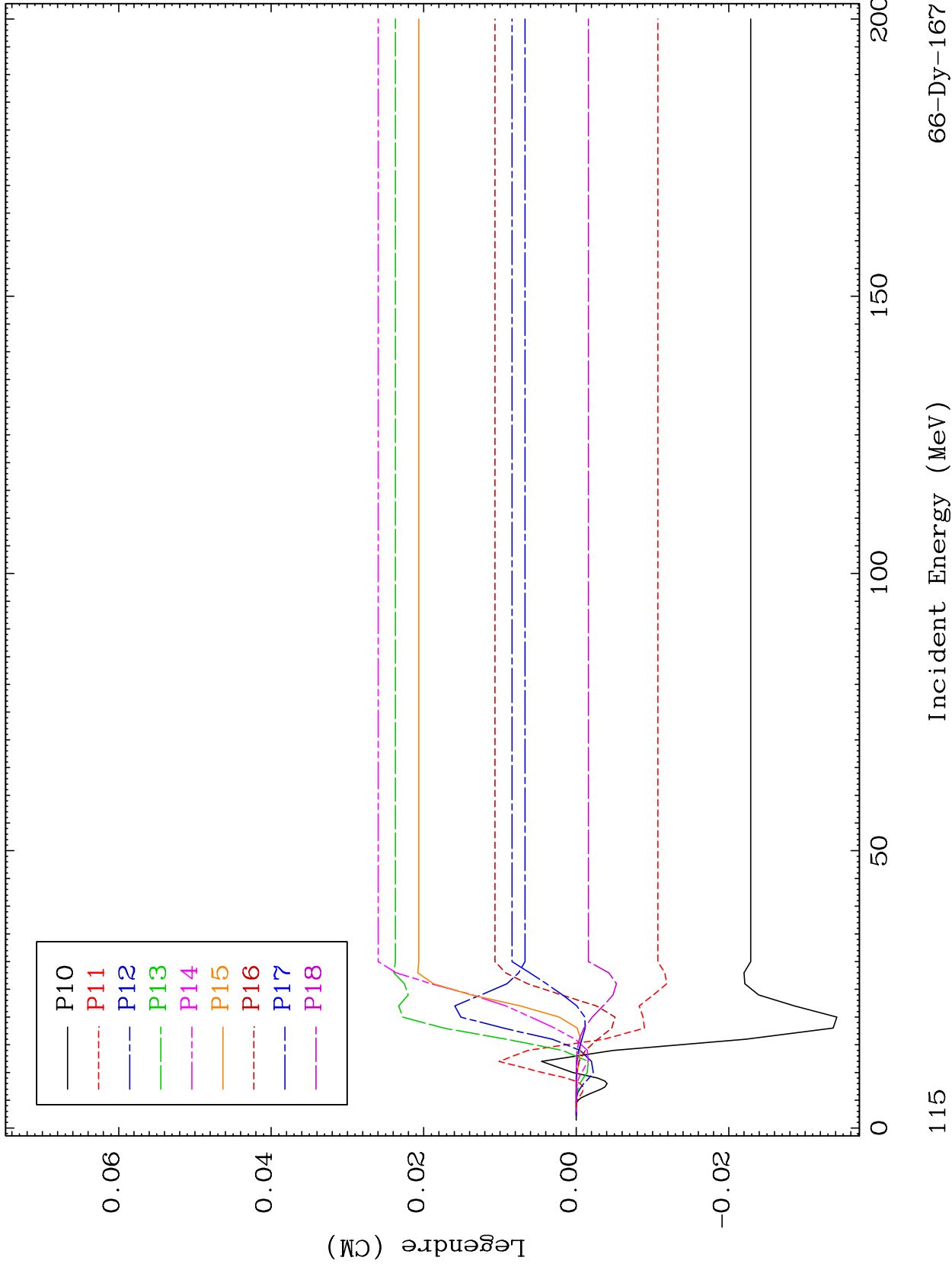




MAT 6658

821.4 keV (n,n') Level  
Legendre Coefficients

66-Dy-167

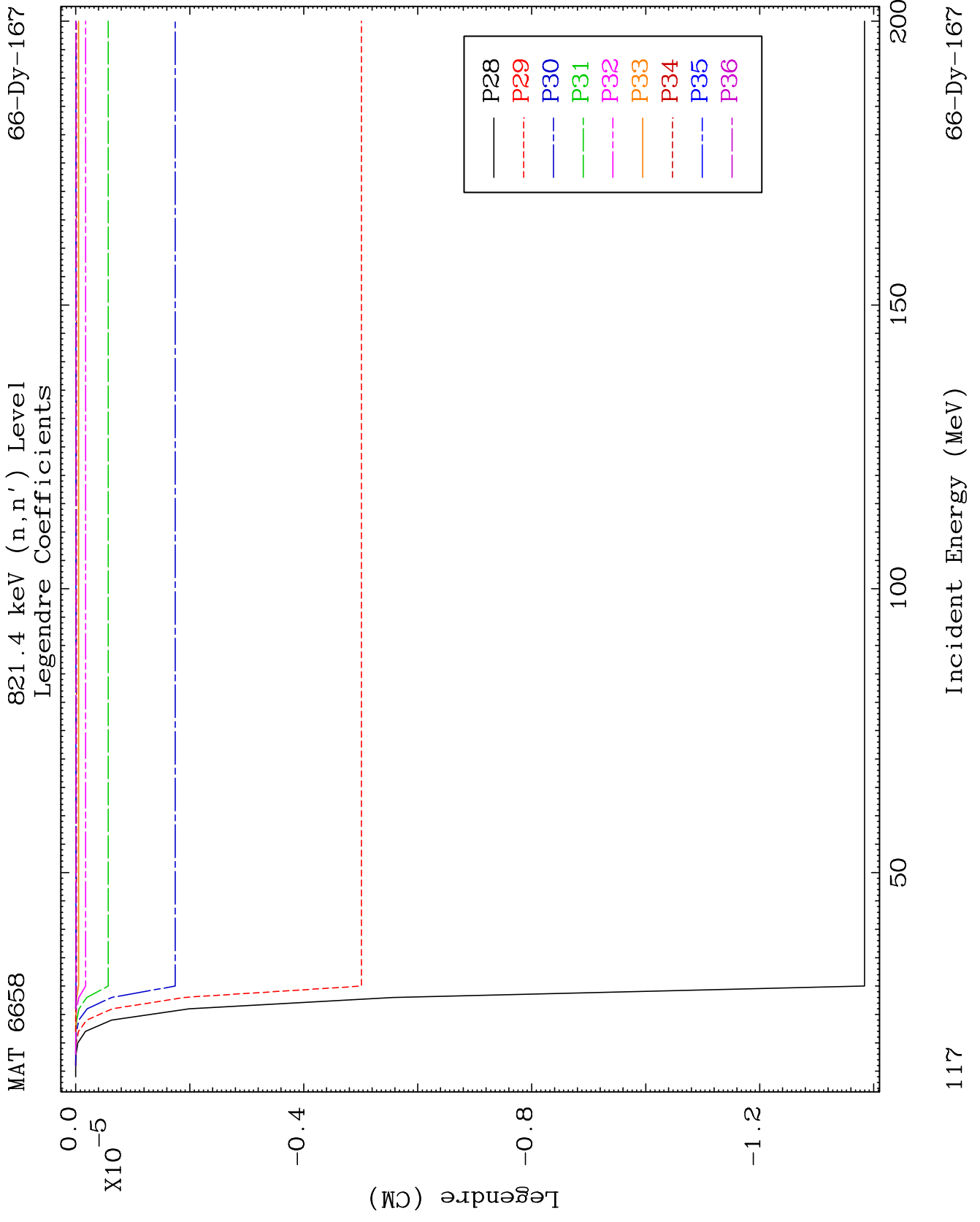


66-Dy-167

Incident Energy (MeV)

115



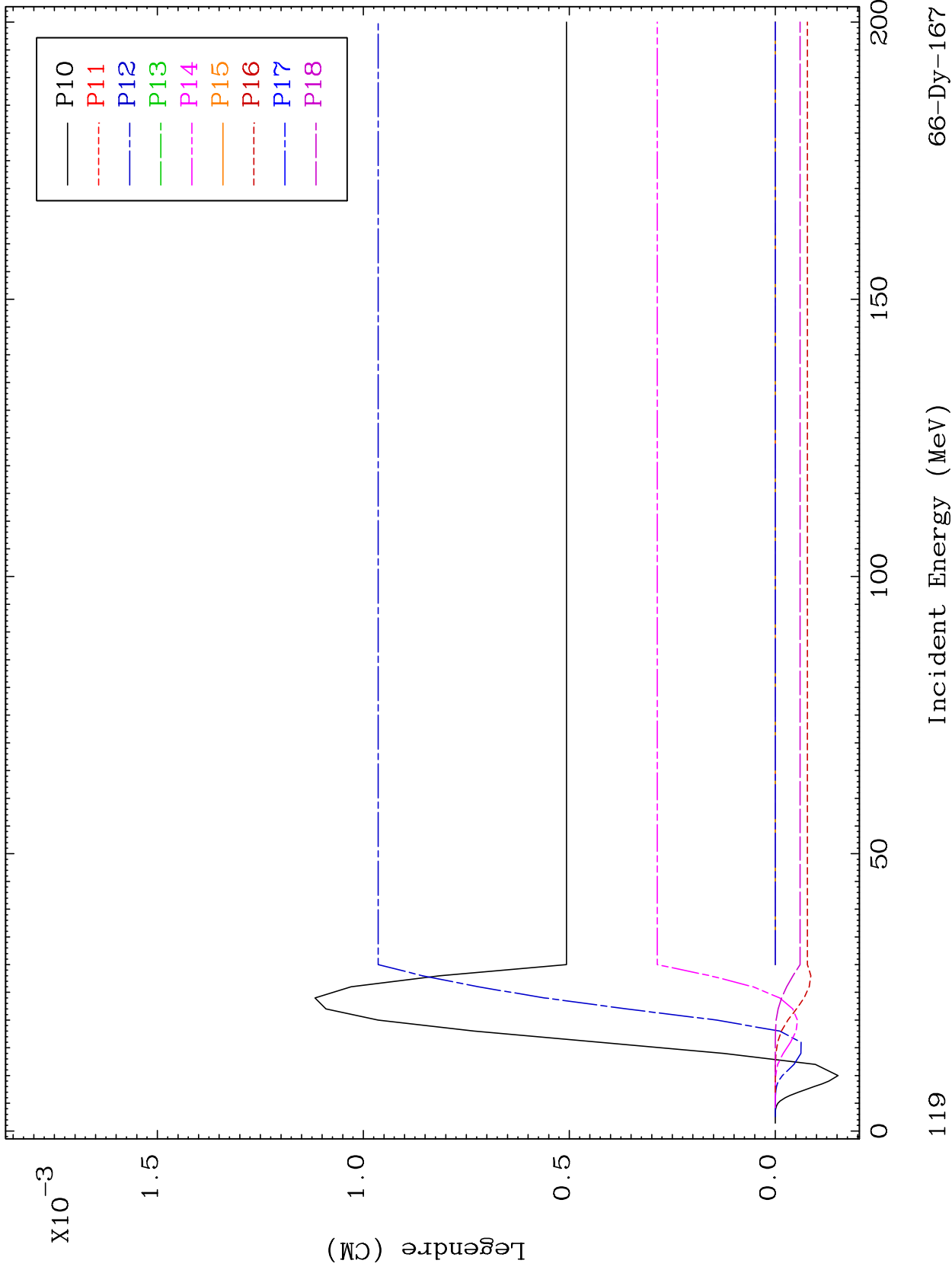




MAT 6658

825.0 keV (n,n') Level  
Legendre Coefficients

66-Dy-167

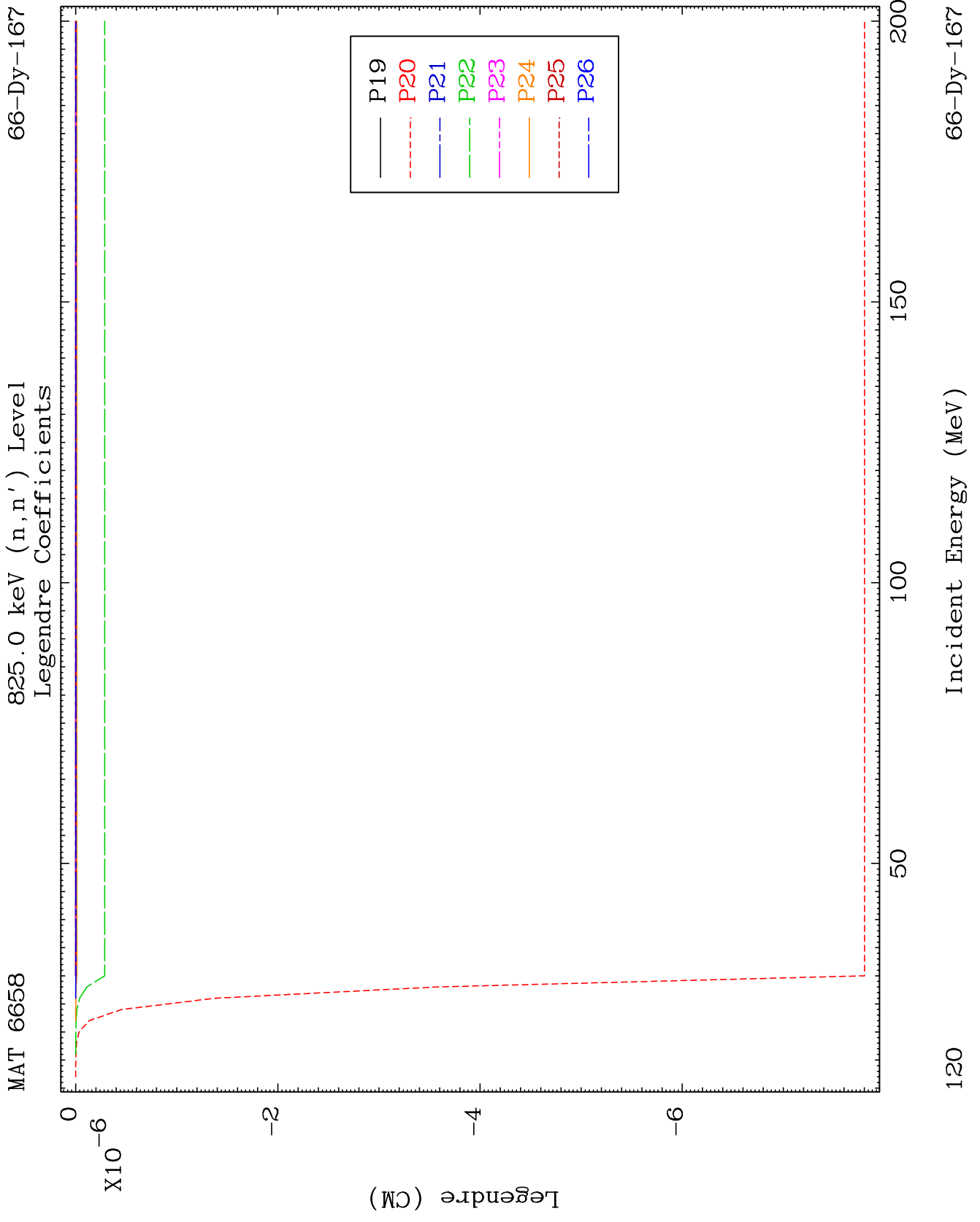


119

Incident Energy (MeV)

66-Dy-167

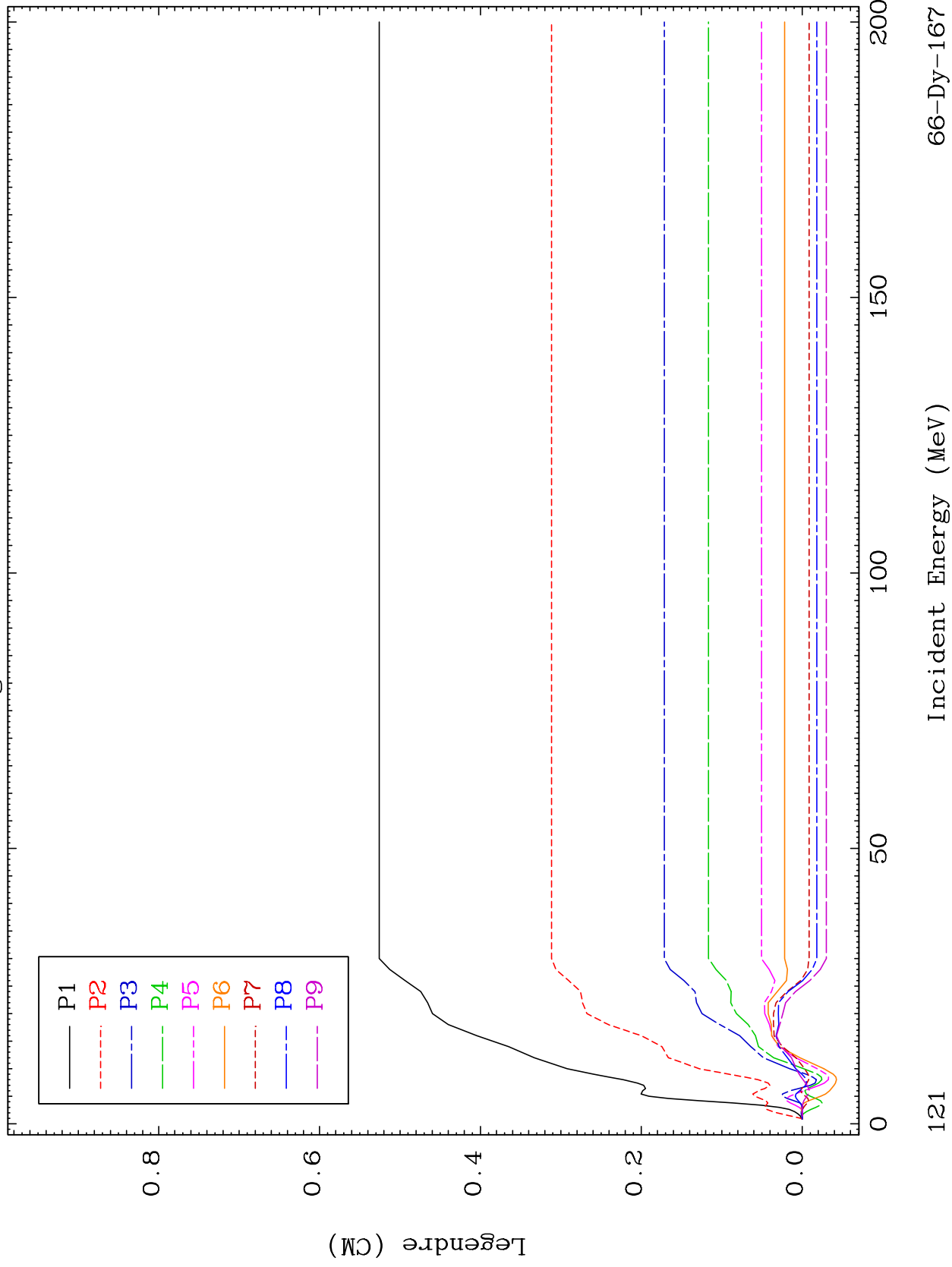




MAT 6658

833.3 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



66-Dy-167

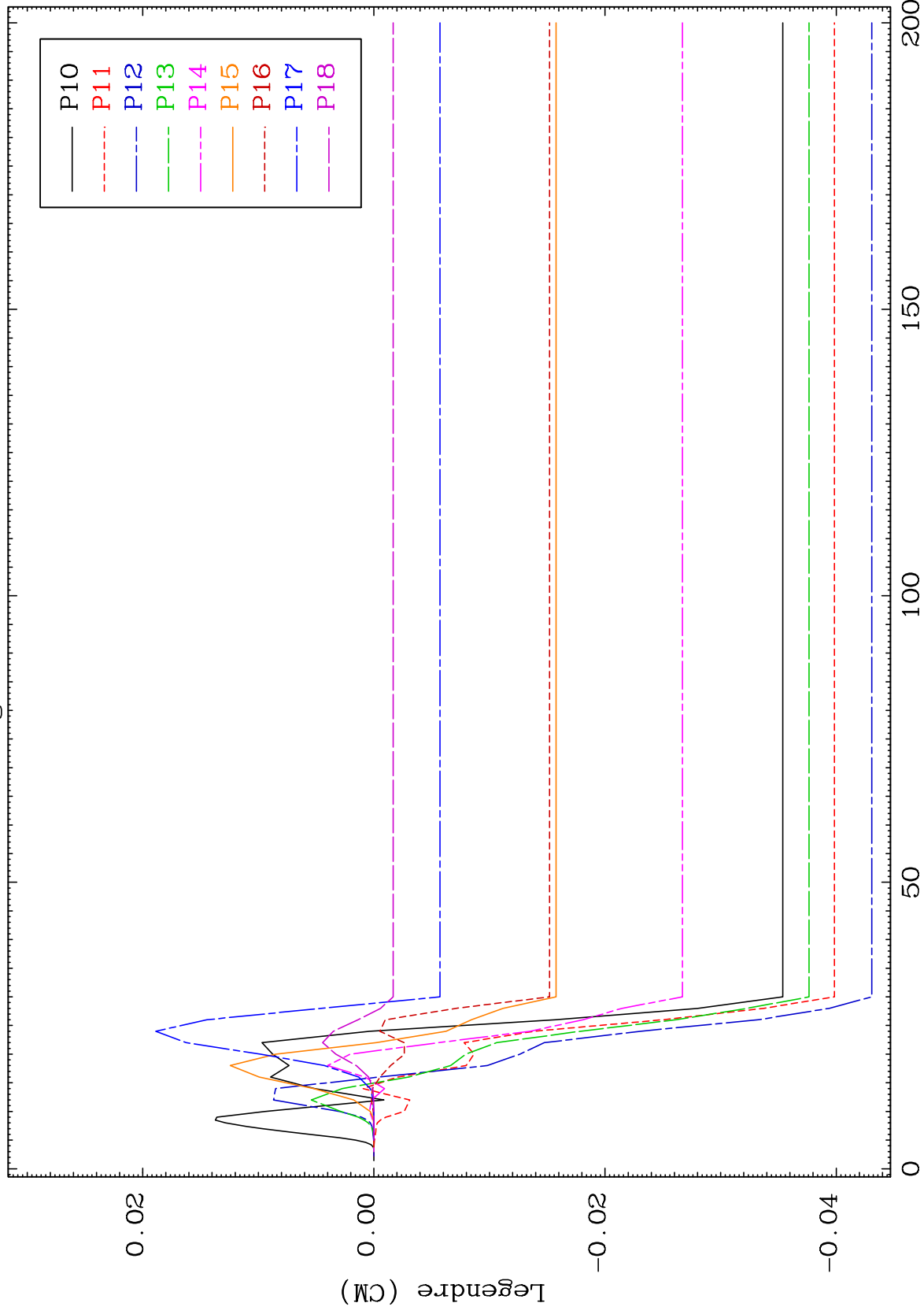
Incident Energy (MeV)

121

MAT 6658

833.3 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



122

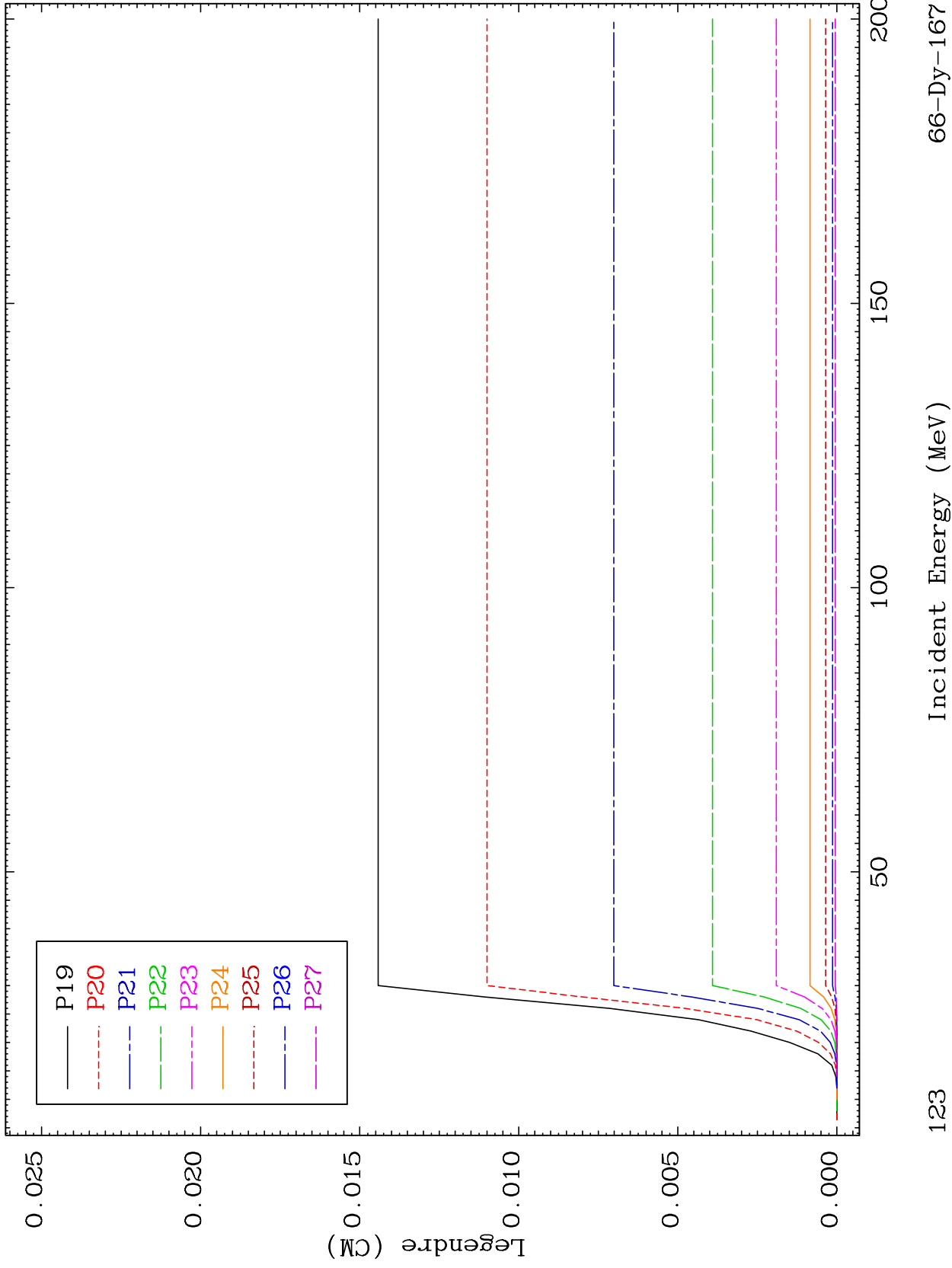
Incident Energy (MeV)

66-Dy-167

MAT 6658

833.3 keV (n,n') Level  
Legendre Coefficients

66-Dy-167



123

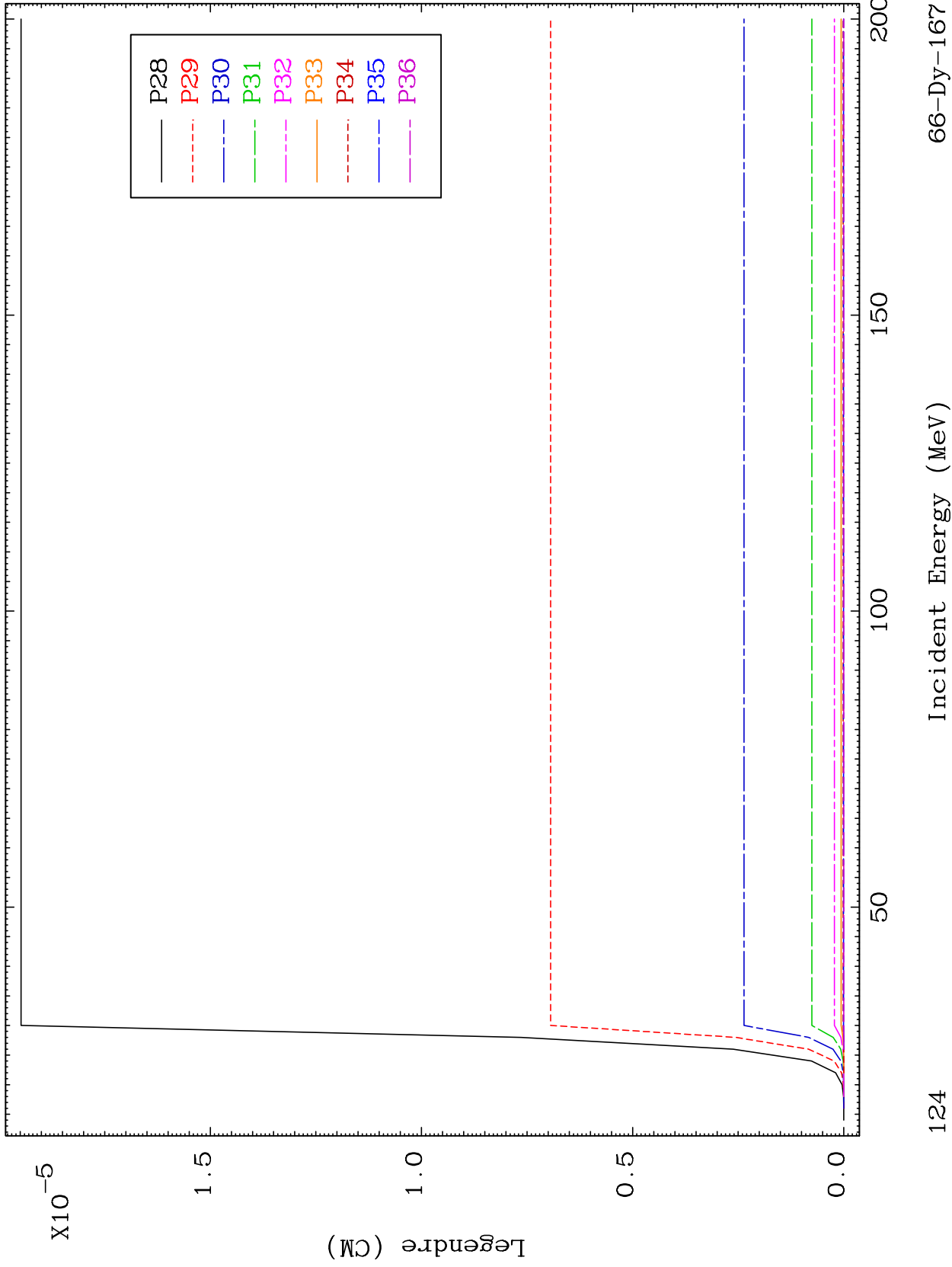
Incident Energy (MeV)

66-Dy-167

MAT 6658

833.3 keV (n,n') Level  
Legendre Coefficients

66-Dy-167

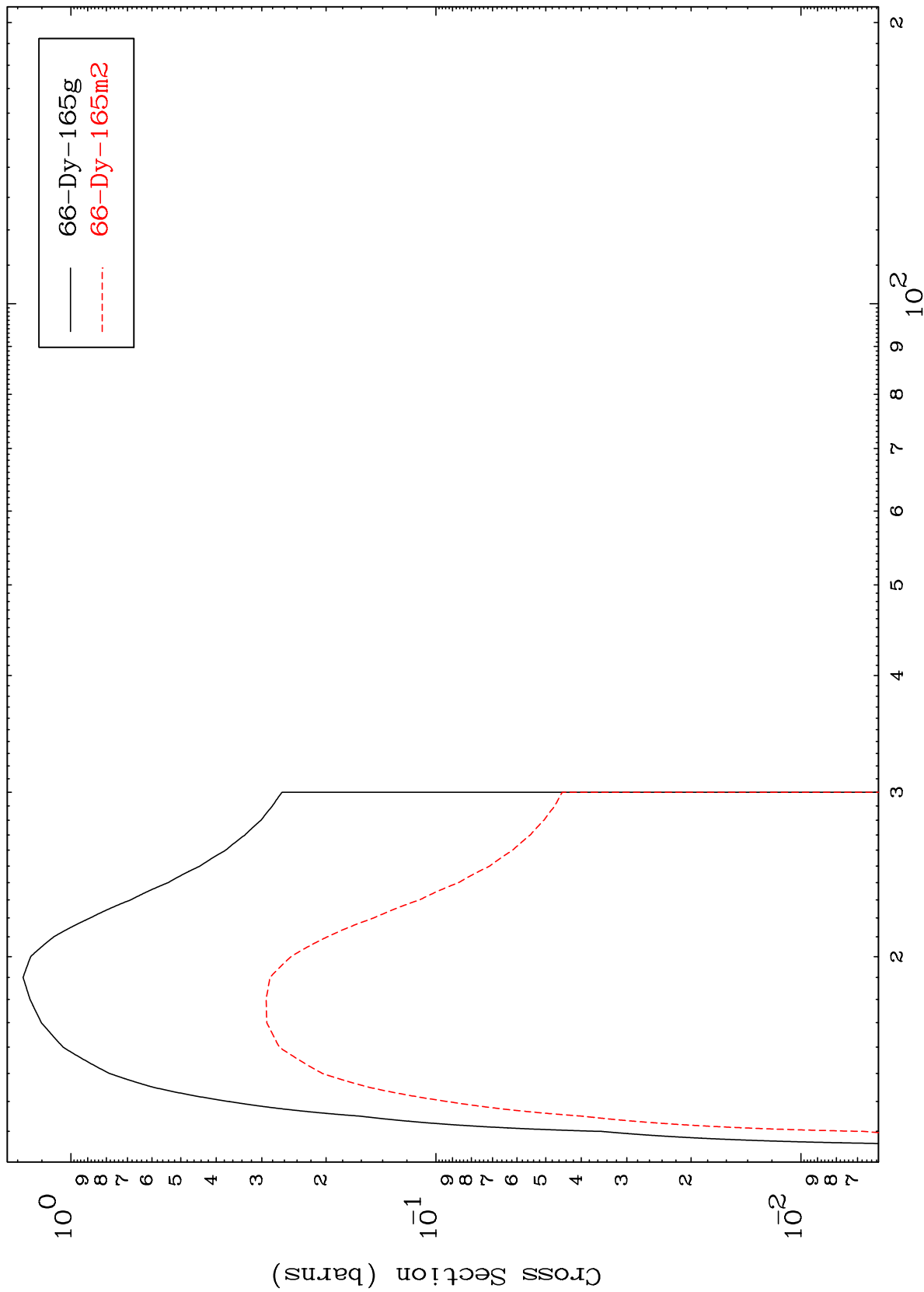


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MAT 6658

66-Dy-167

(n,3n)  
Radionuclide Production Cross Section



125

Incident Energy (MeV)

66-Dy-167