

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

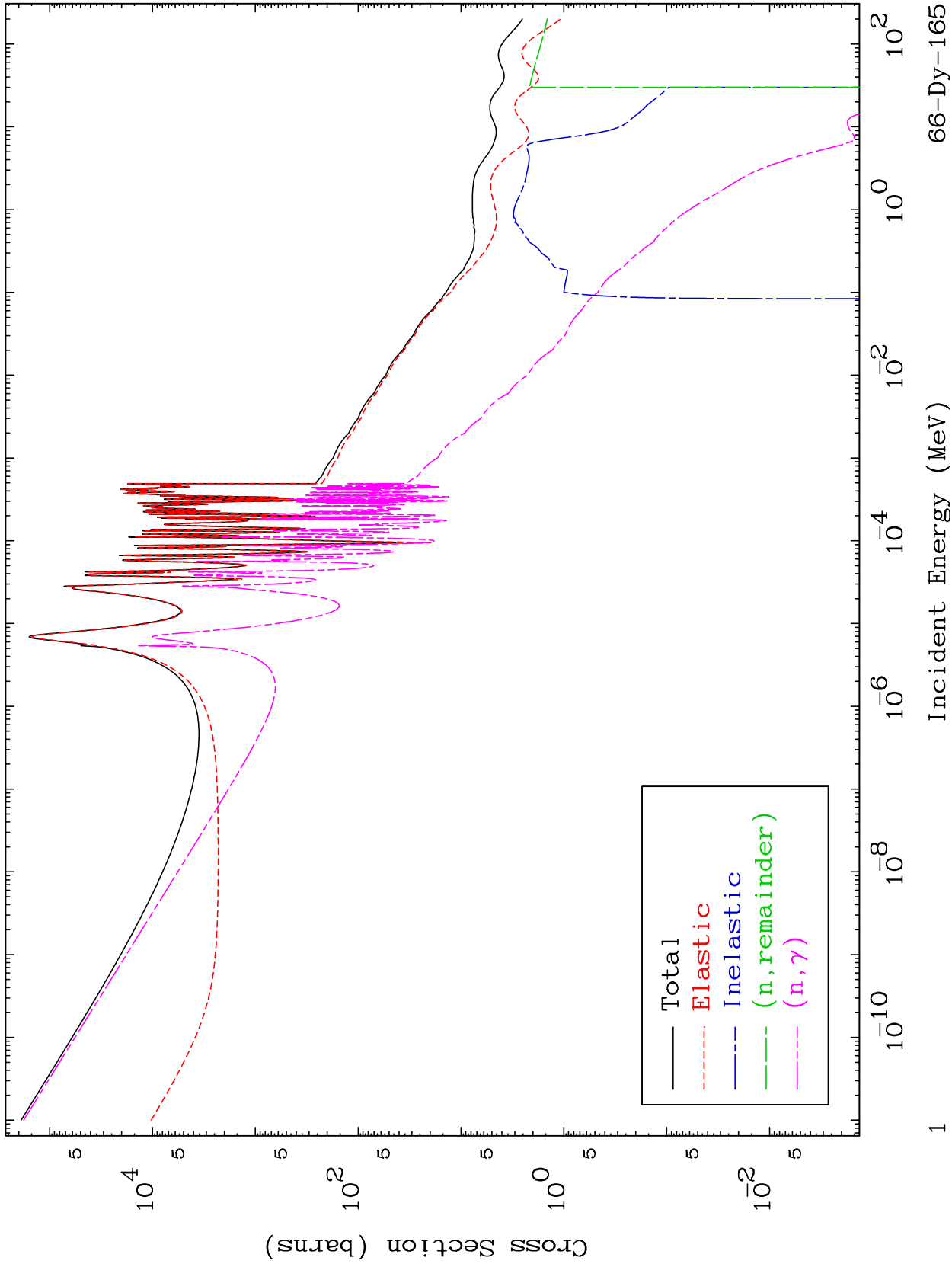
Press Mouse Button to Start

MAT 6652

Major

293 Kelvin Cross Sections

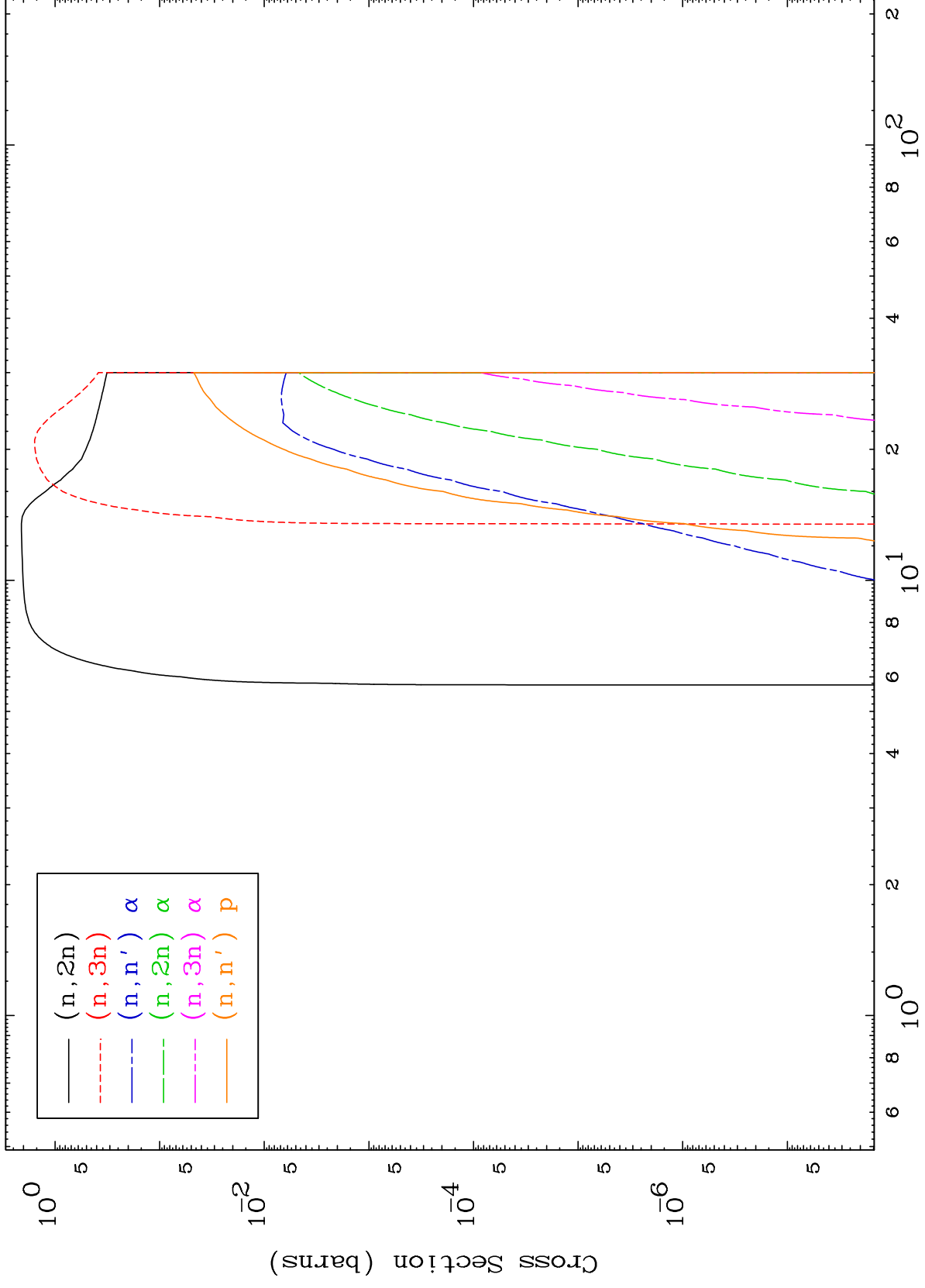
66-Dy-165



MAT 6652

Neutron Production
293 Kelvin Cross Sections

66-Dy-165

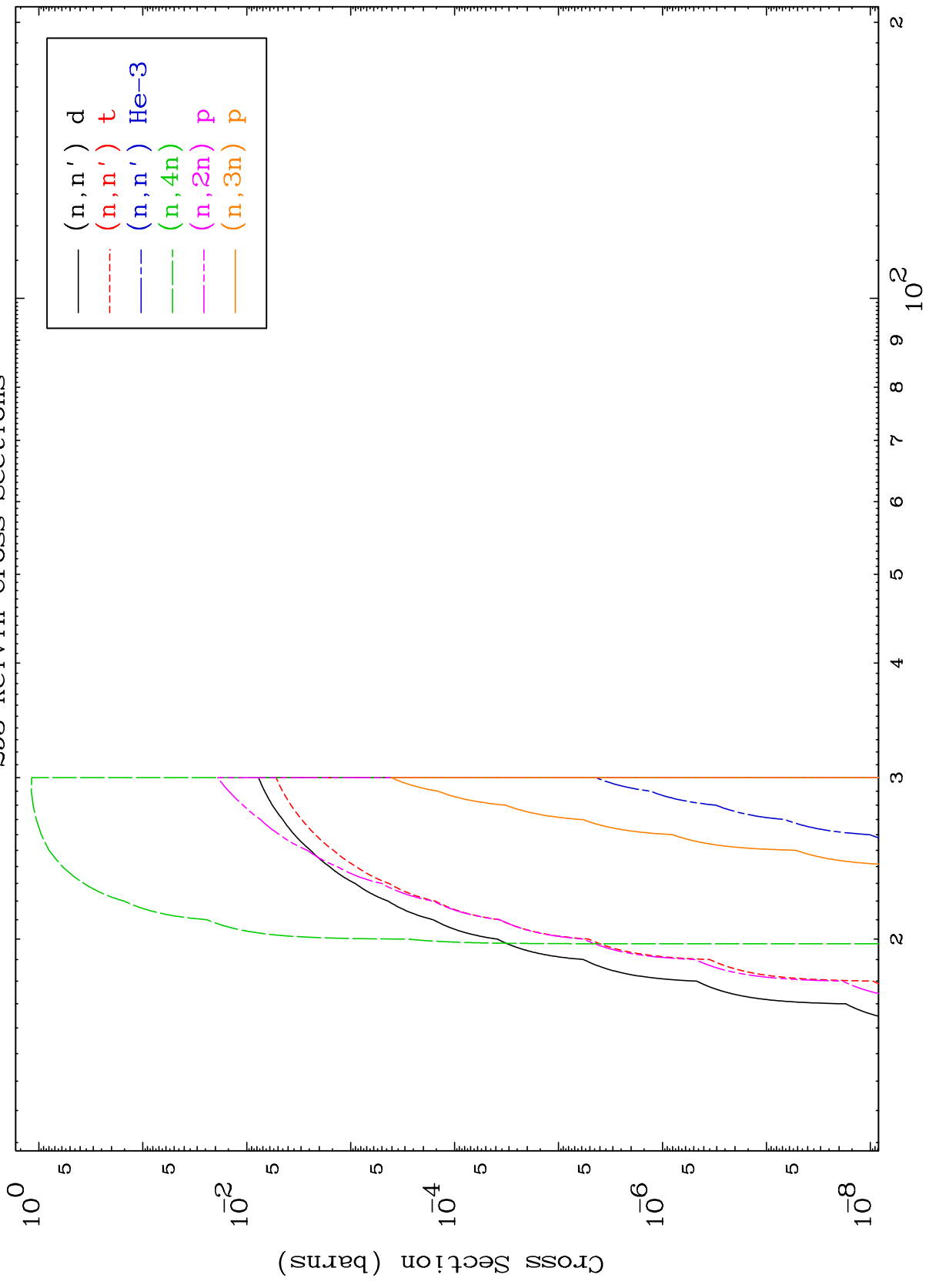


- (n, 2n)
- (n, 3n)
- (n, n')
- (n, 2n)
- (n, 3n)
- (n, n')

66-Dy-165

Incident Energy (MeV)

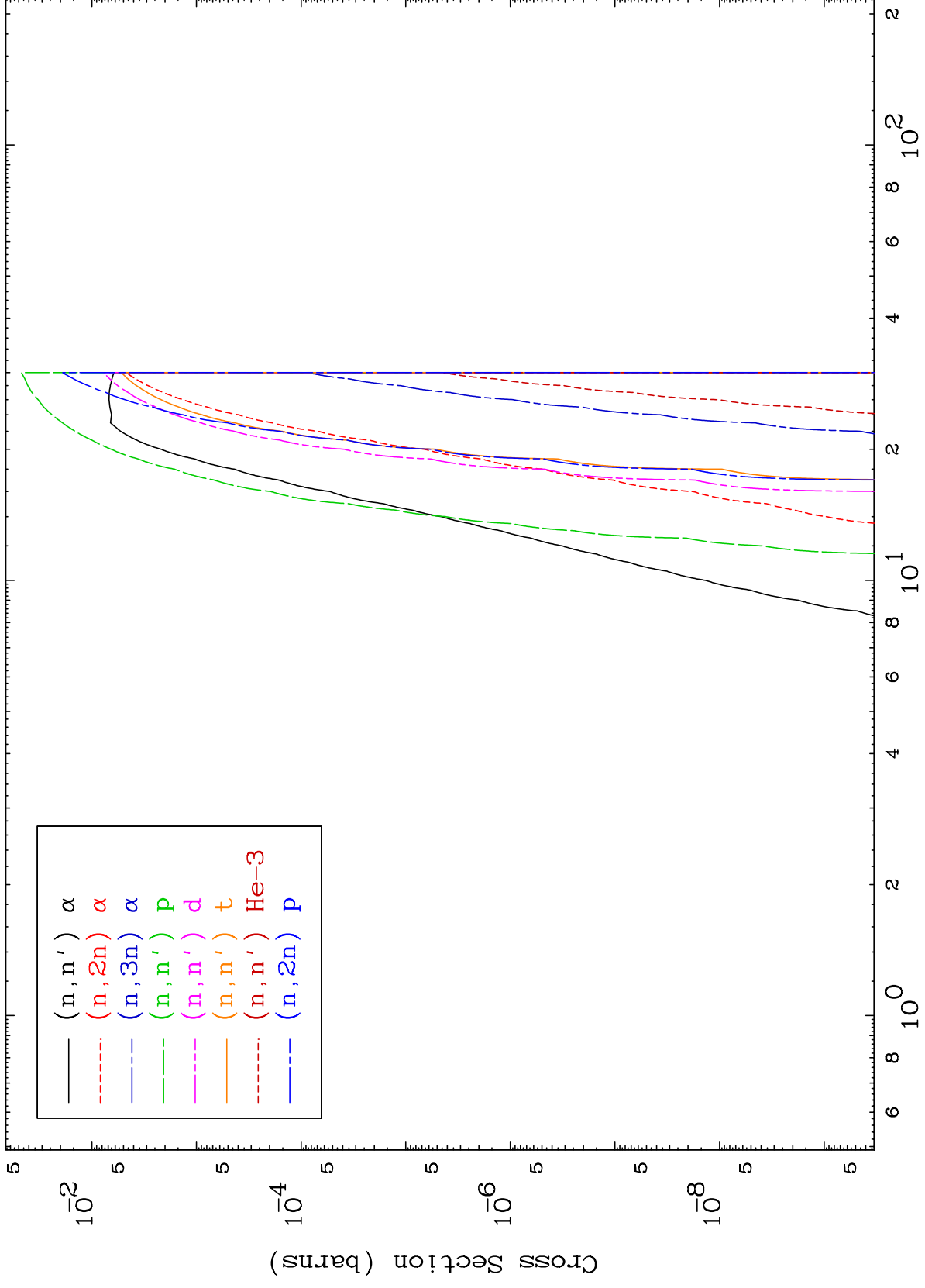
2



MAT 6652

Charged Particle
293 Kelvin Cross Sections

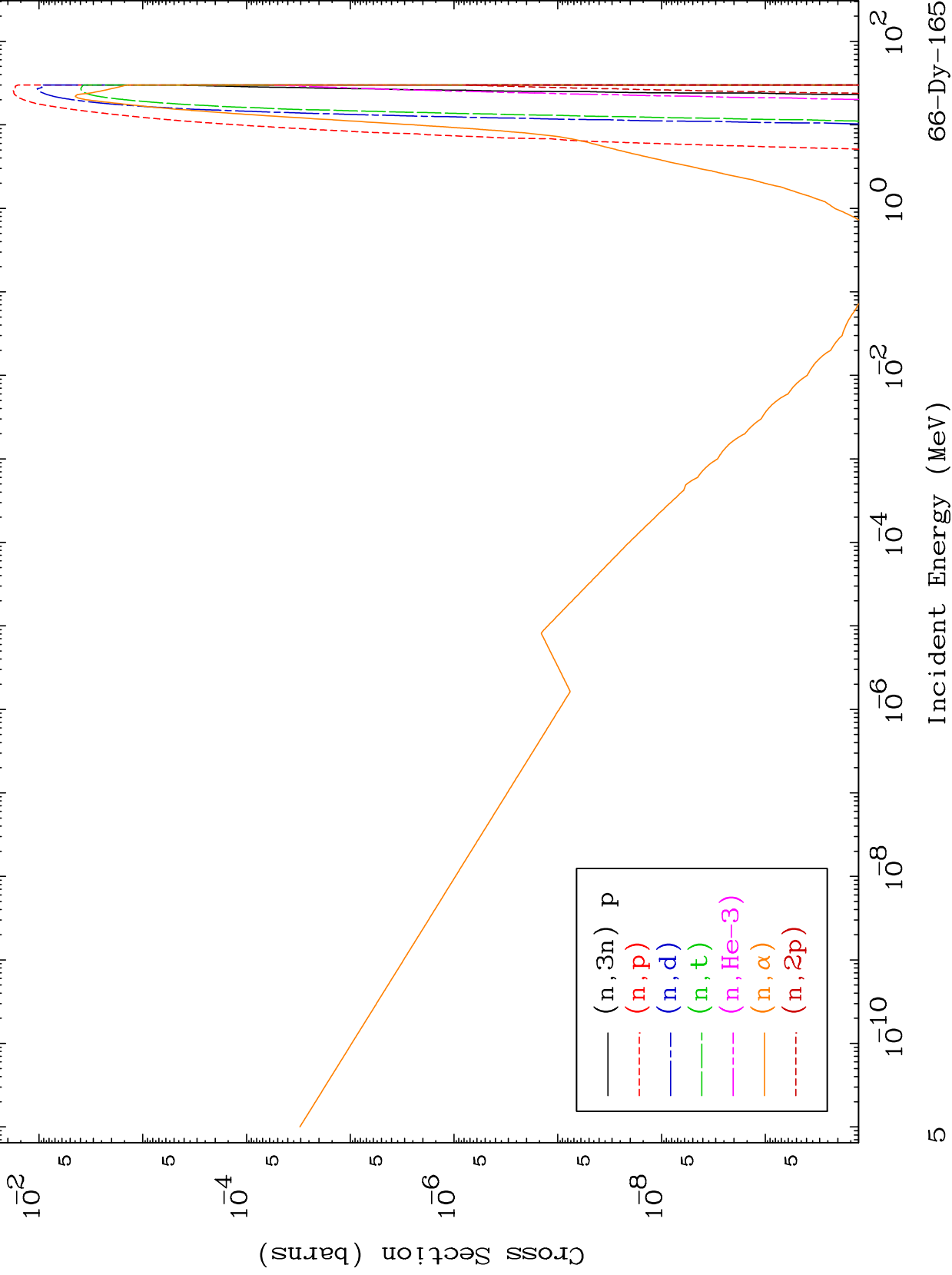
66-Dy-165

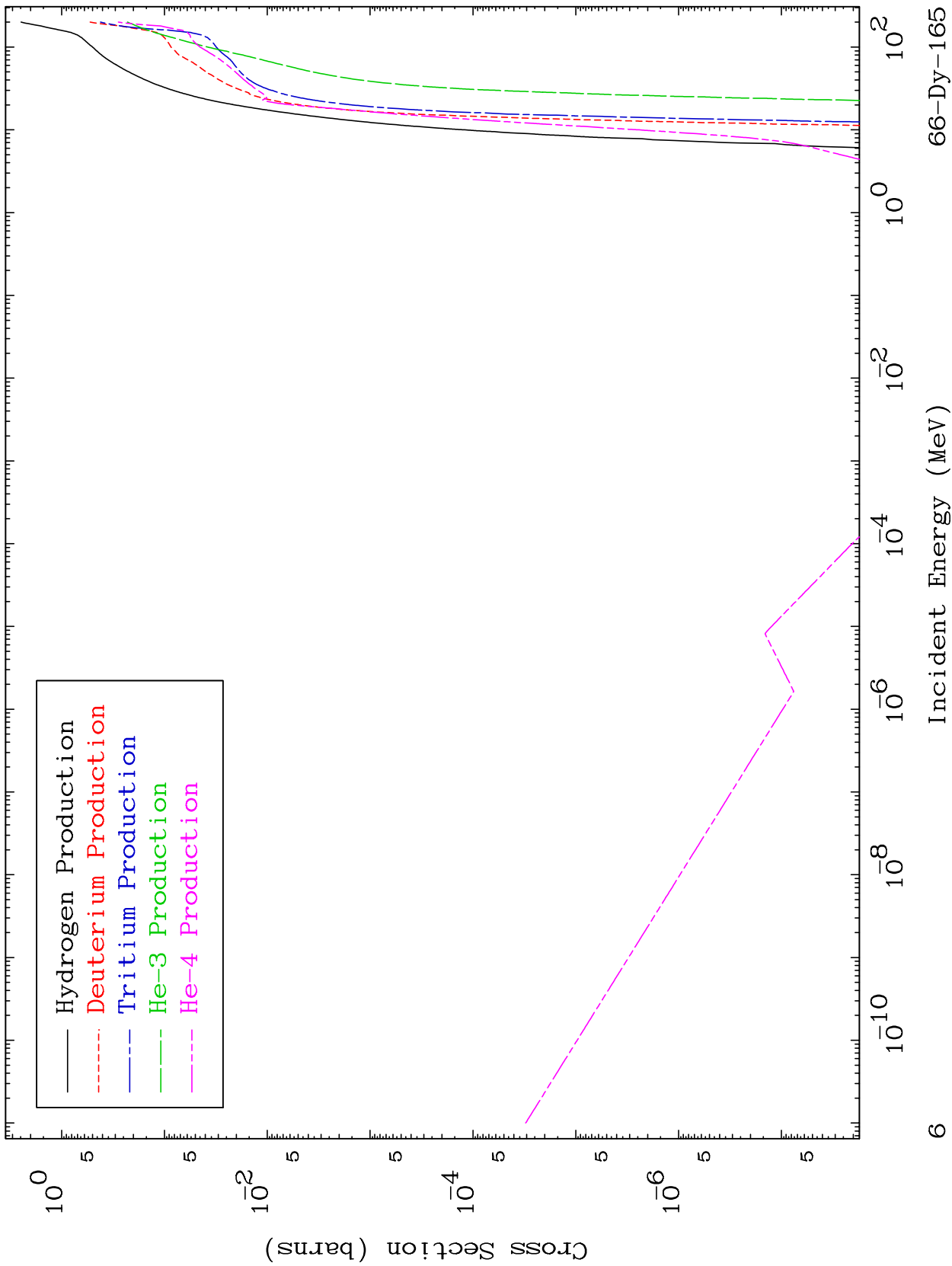


MAT 6652

Charged Particle
293 Kelvin Cross Sections

66-Dy-165



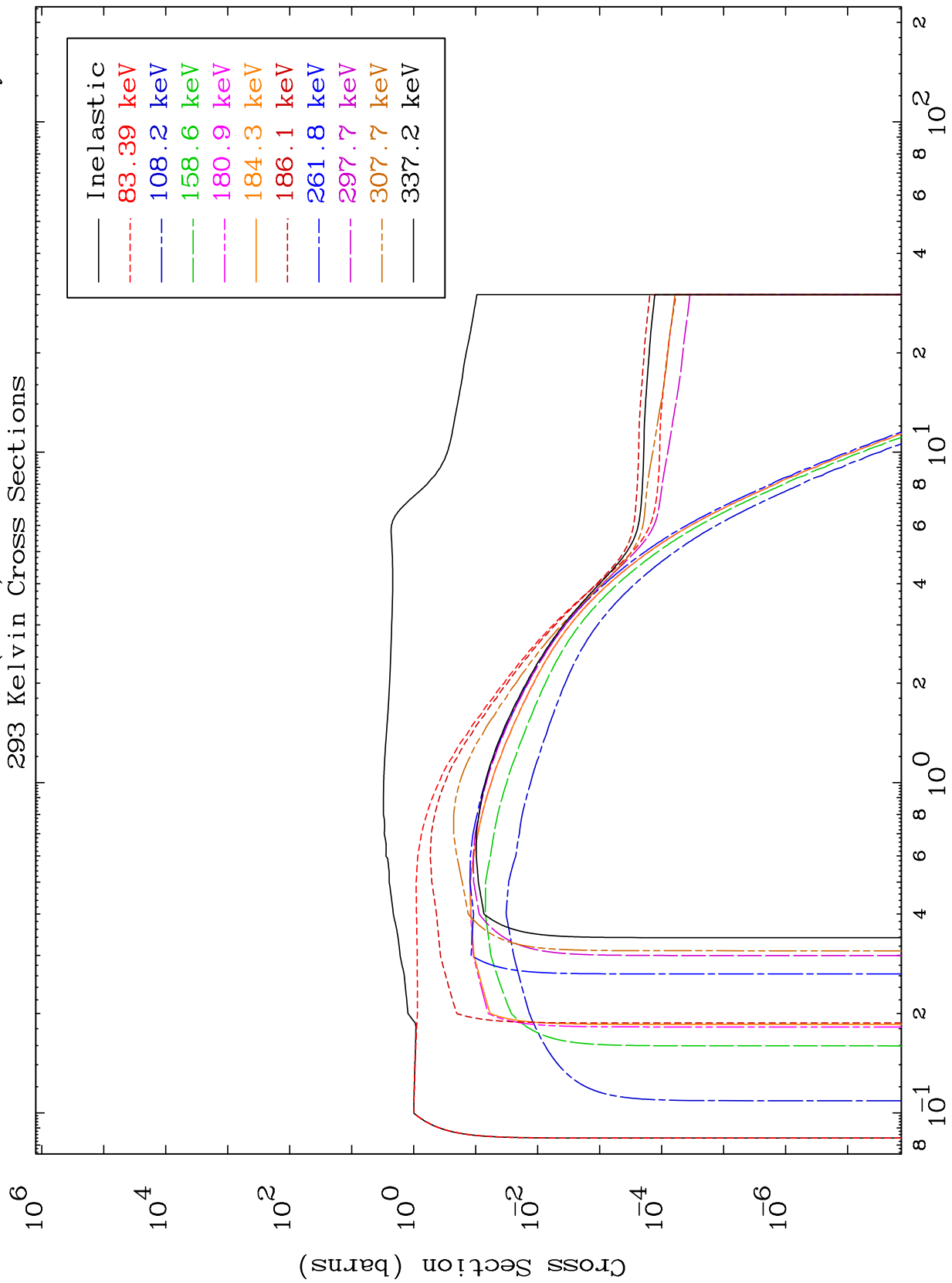


MAT 6652

(n,n') Level

66-Dy-165

293 Kelvin Cross Sections



7

Incident Energy (MeV)

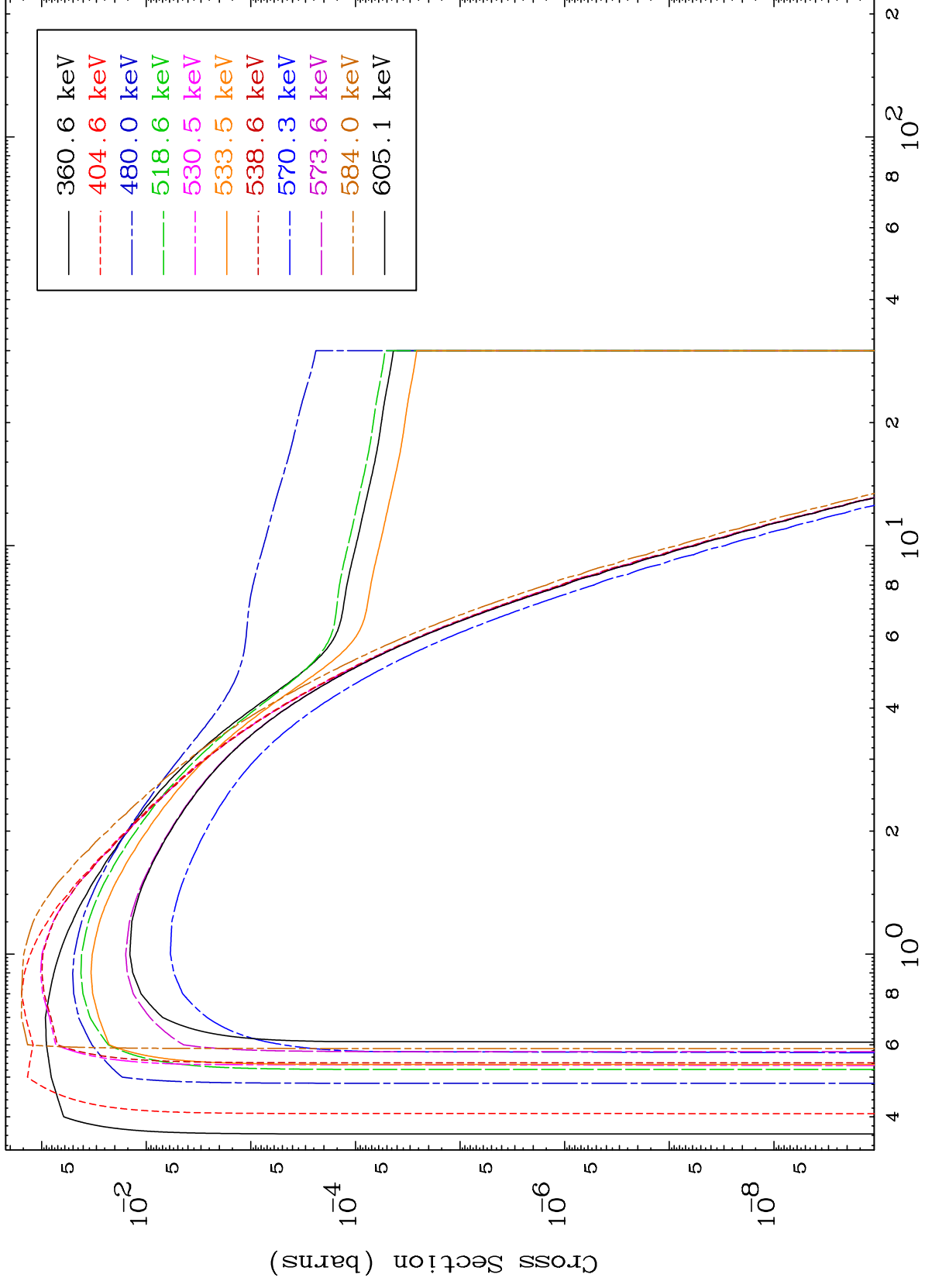
66-Dy-165

MAT 6652

(n,n') Level

66-Dy-165

293 Kelvin Cross Sections



8

Incident Energy (MeV)

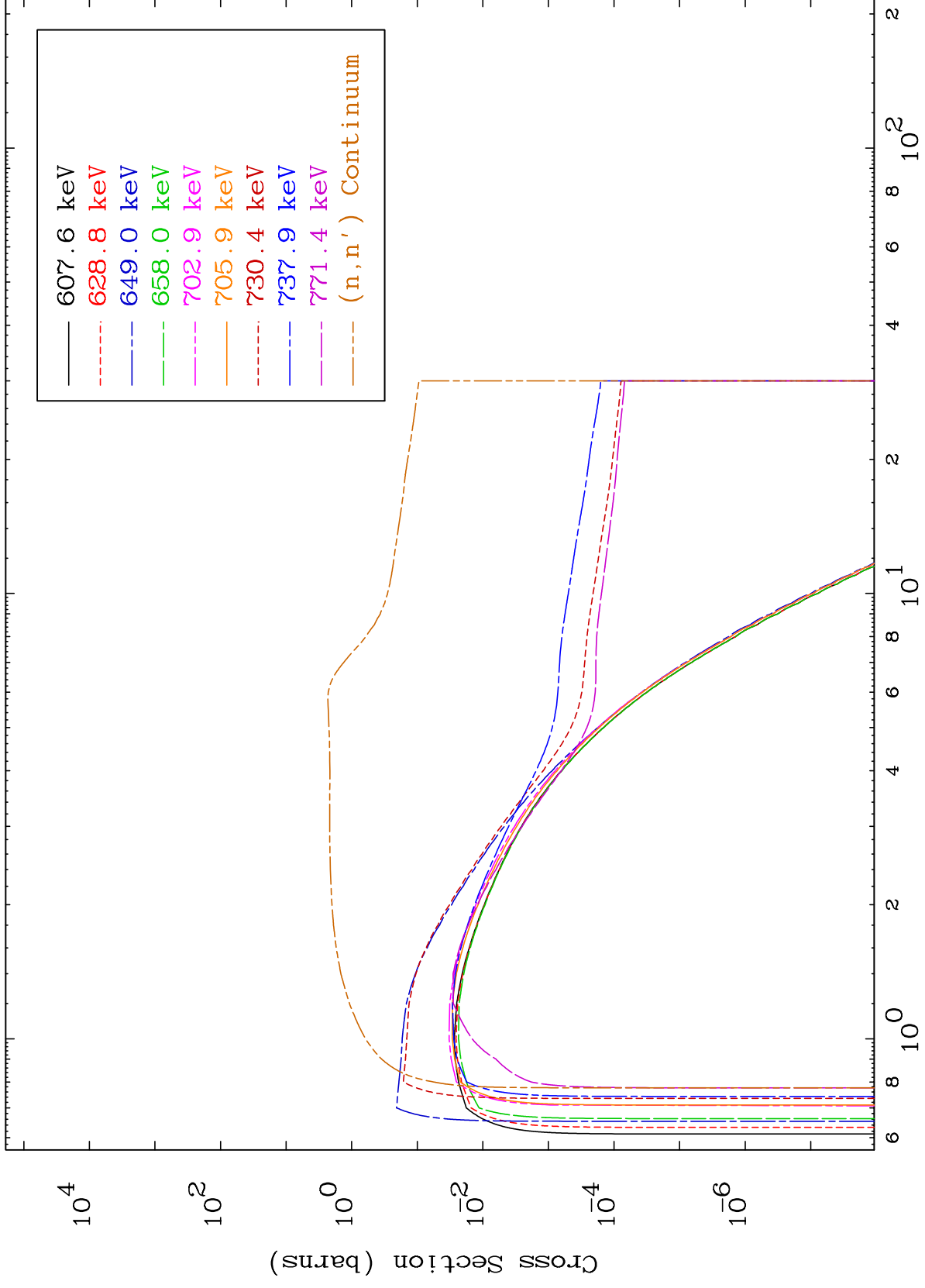
66-Dy-165

MAT 6652

(n,n') Level

66-Dy-165

293 Kelvin Cross Sections



9

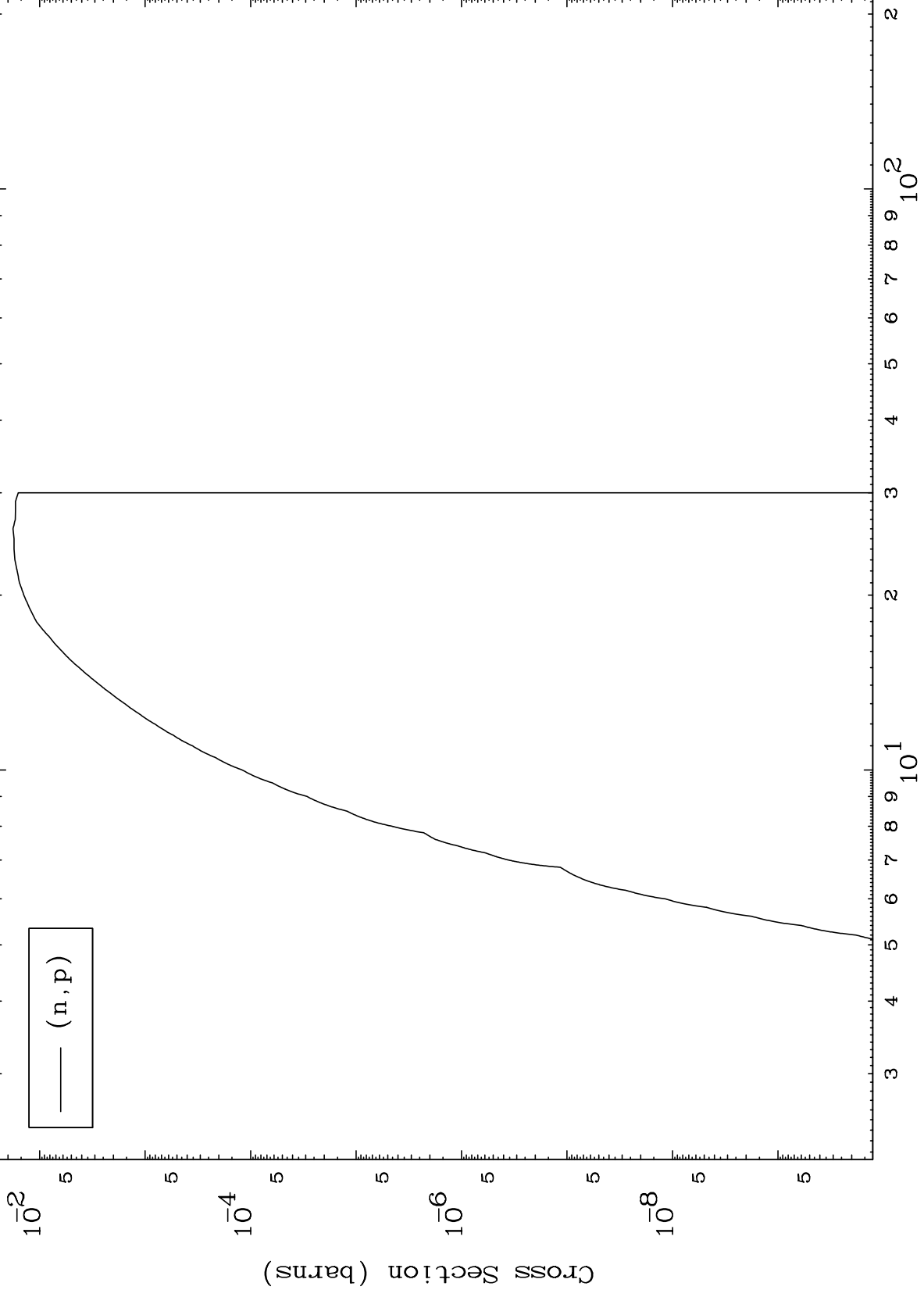
Incident Energy (MeV)

66-Dy-165

MAT 6652

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-165



10

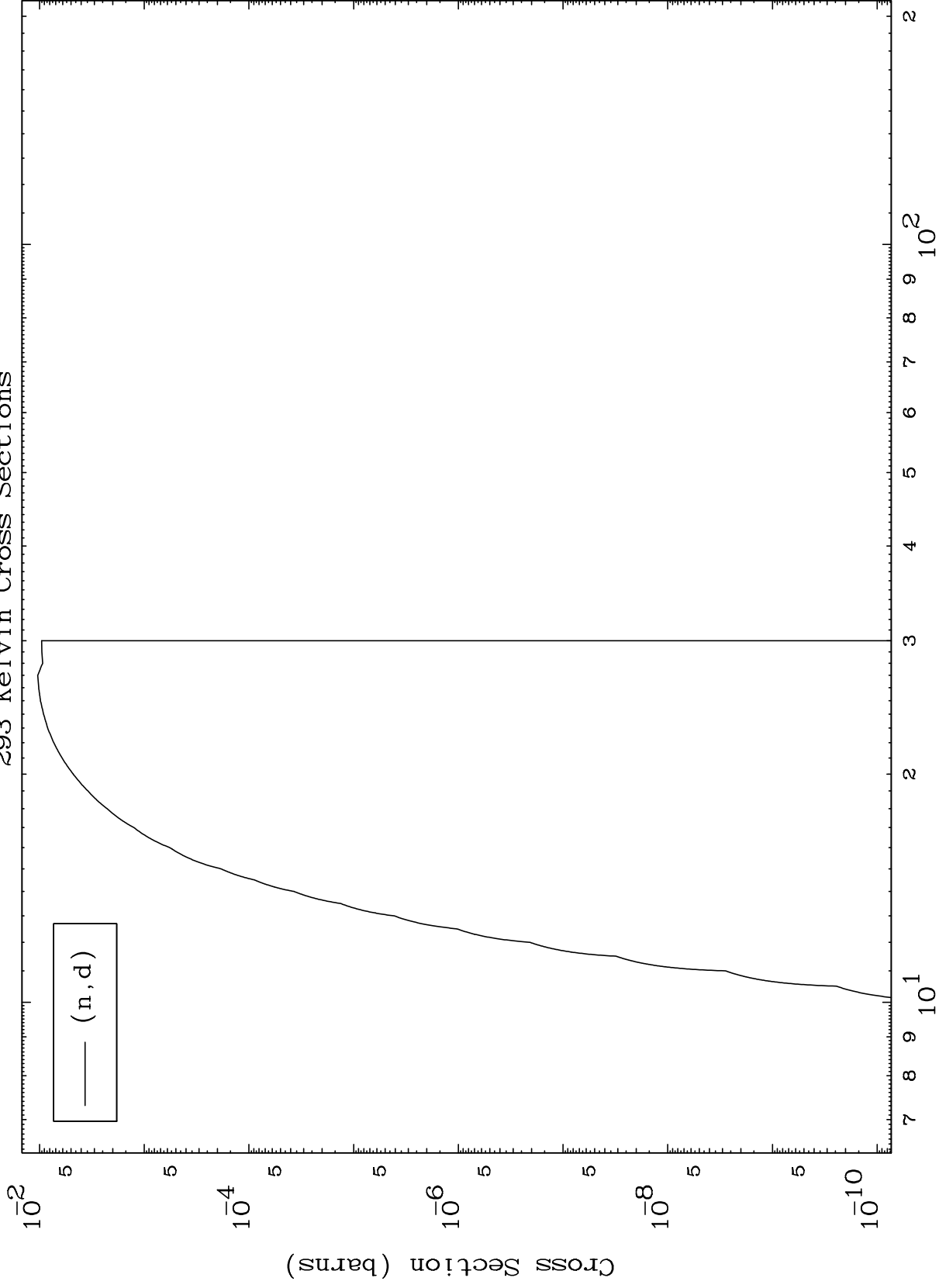
Incident Energy (MeV)

66-Dy-165

MAT 6652

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-165



11

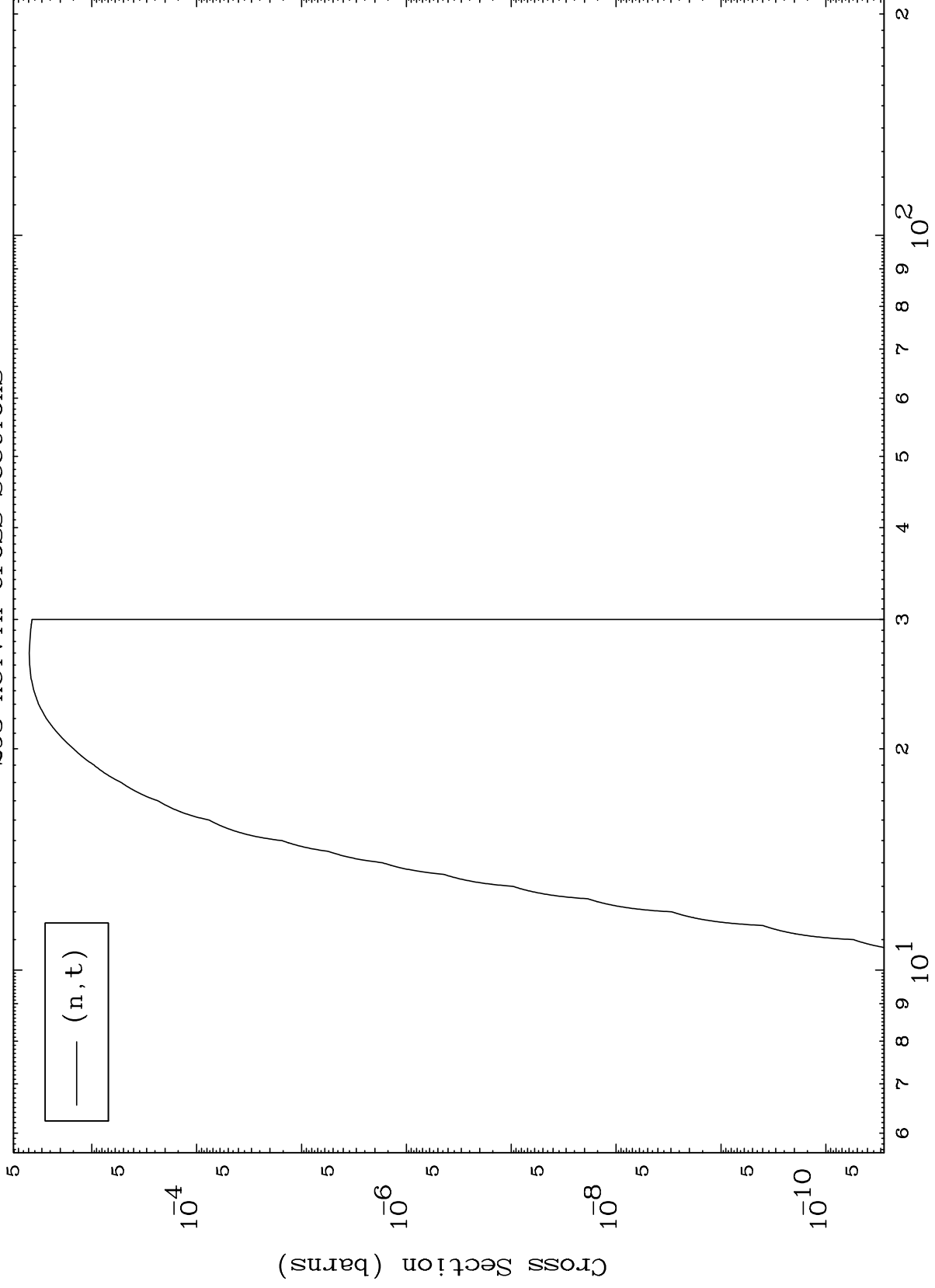
Incident Energy (MeV)

66-Dy-165

MAT 6652

(n, t) Levels
293 Kelvin Cross Sections

66-Dy-165



12

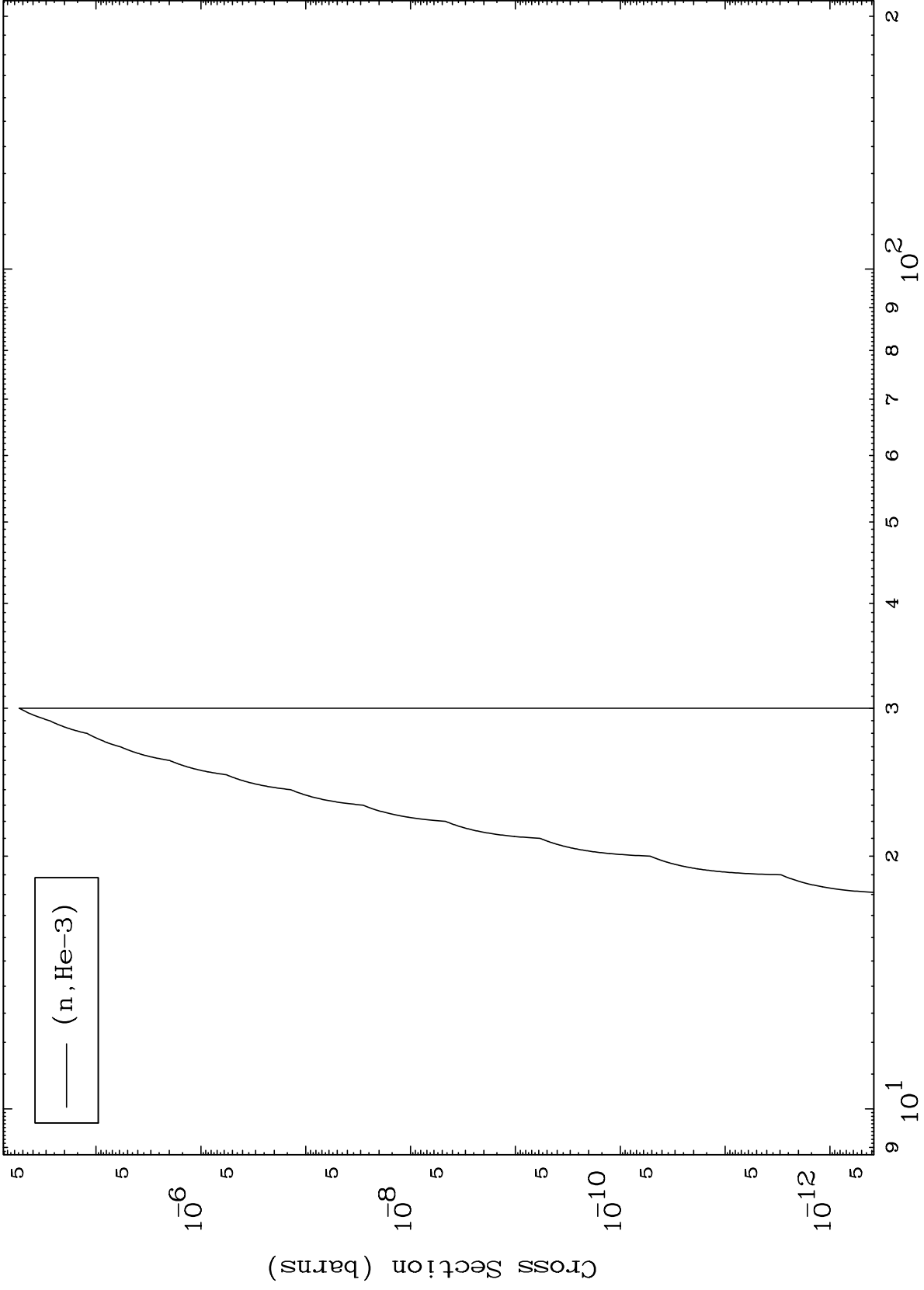
Incident Energy (MeV)

66-Dy-165

MAT 6652

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-165



13

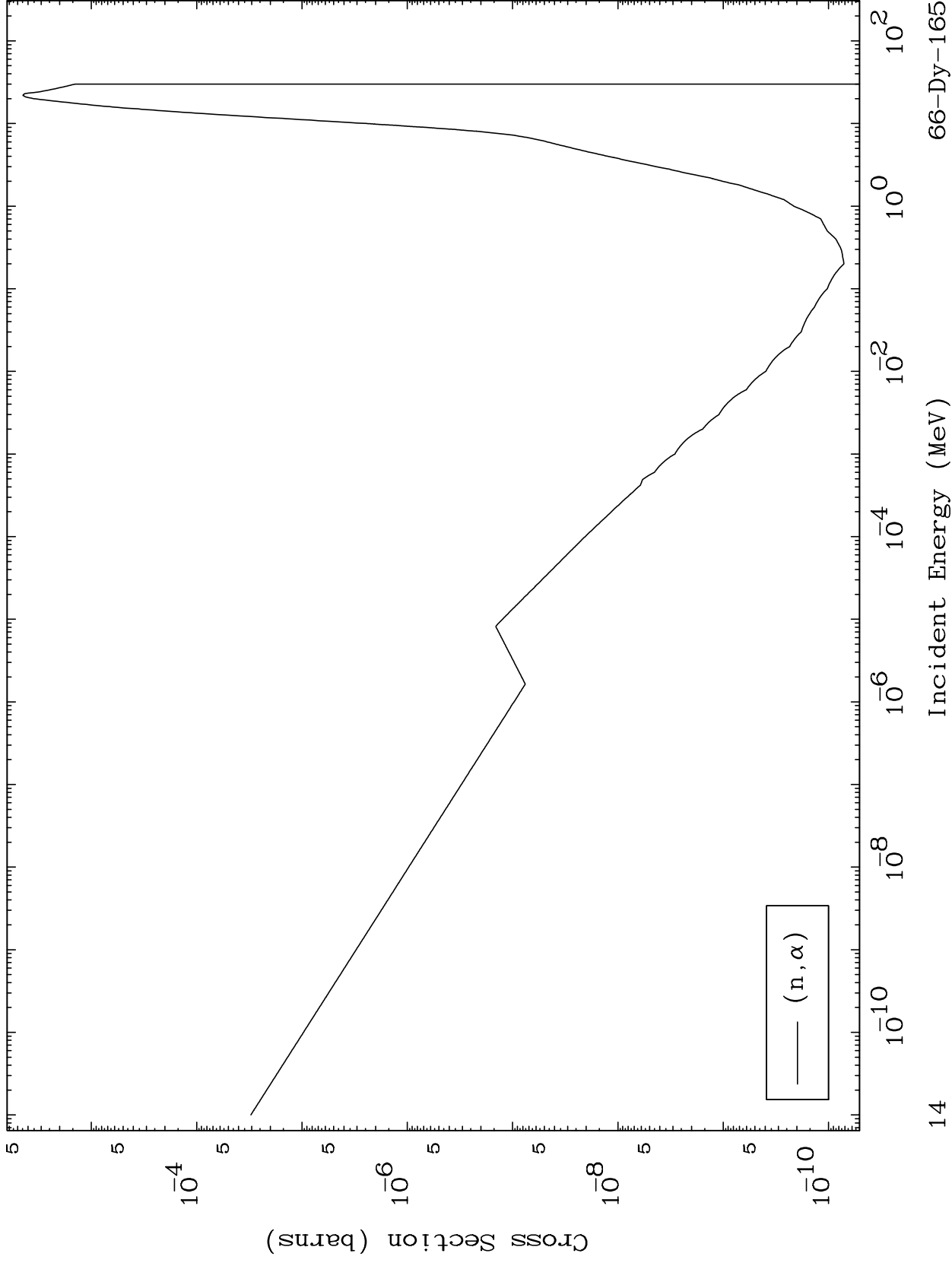
Incident Energy (MeV)

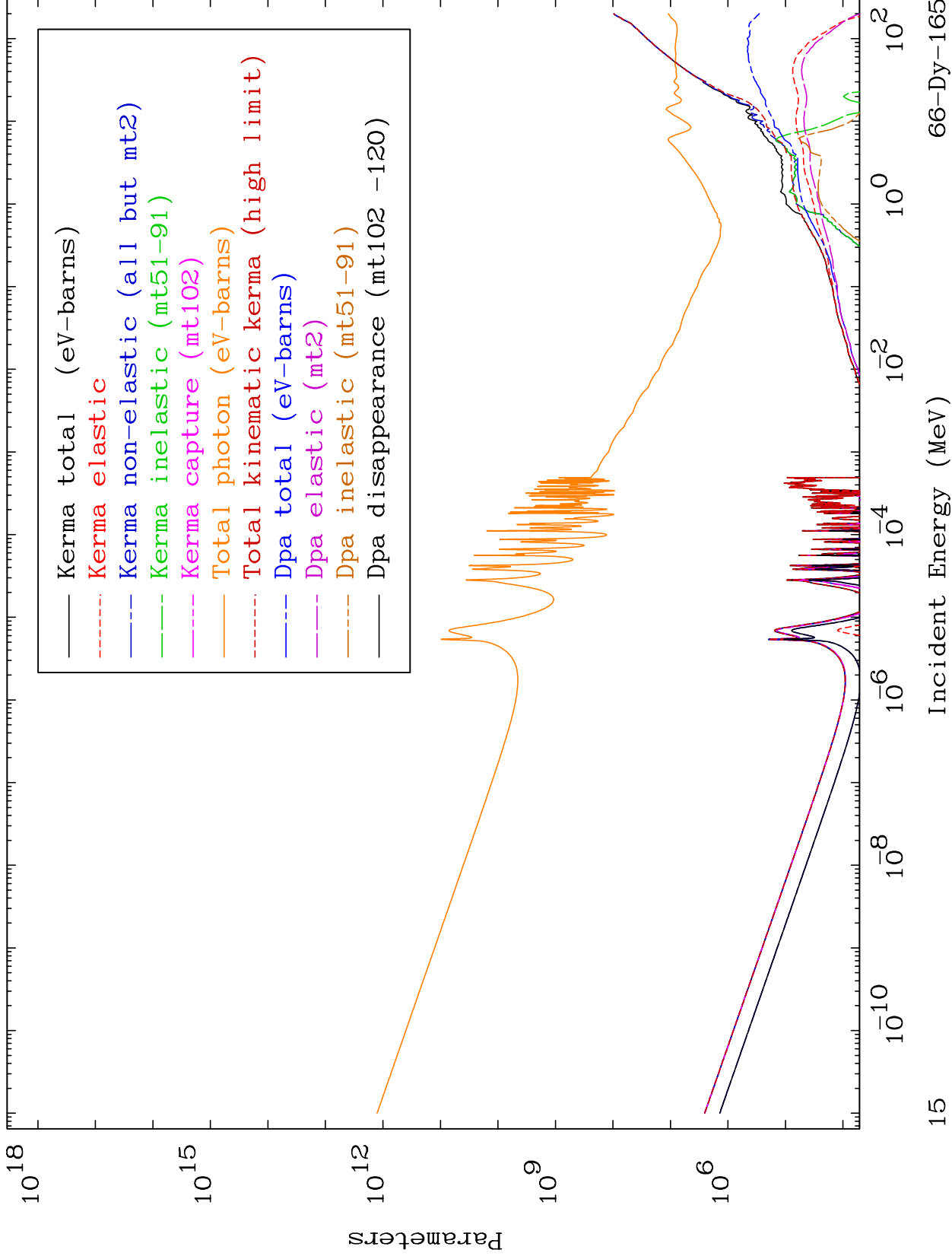
66-Dy-165

MAT 6652

(n,α) Levels
293 Kelvin Cross Sections

66-Dy-165

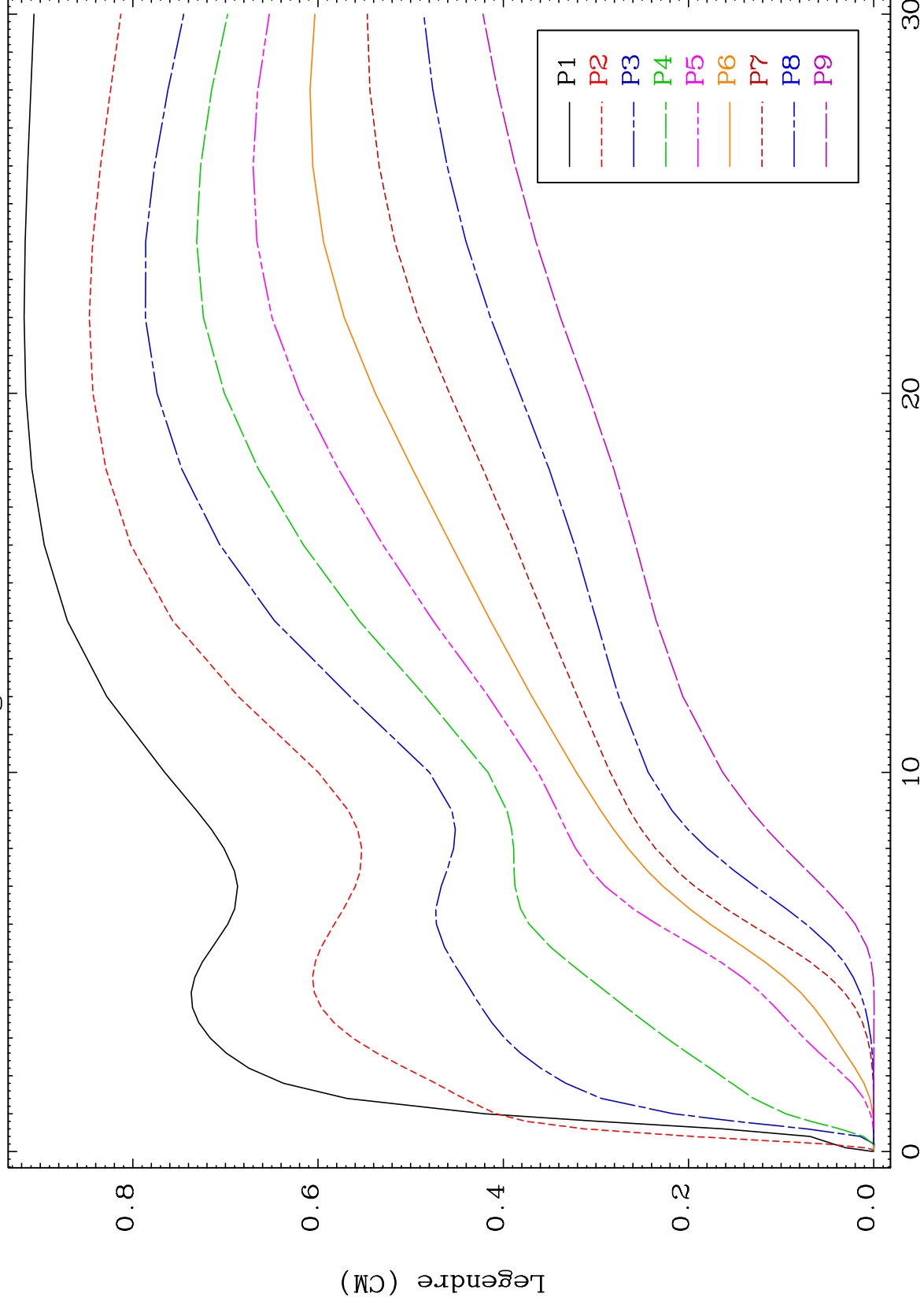




MAT 6652

Elastic
Legendre Coefficients

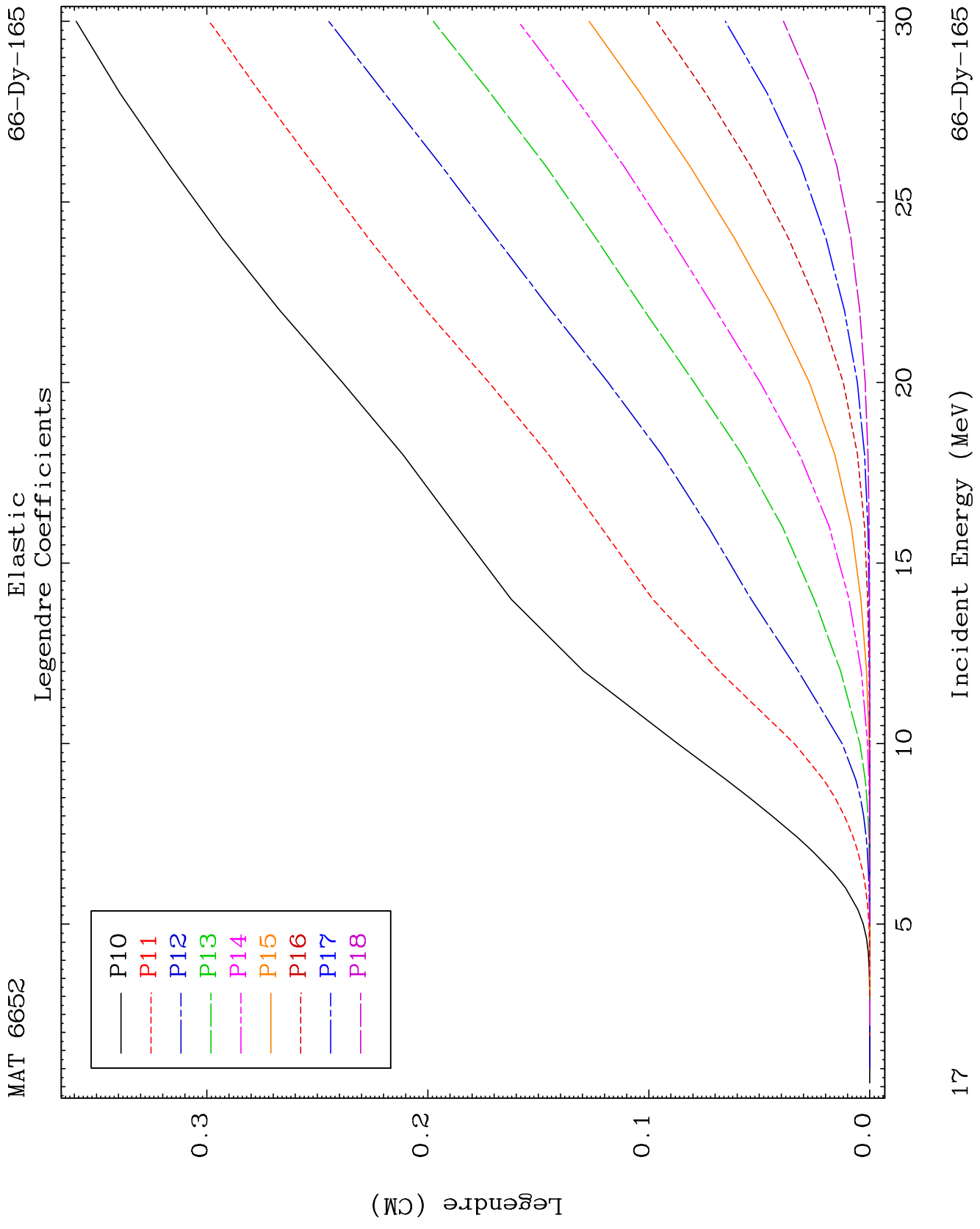
66-Dy-165



16

Incident Energy (MeV)

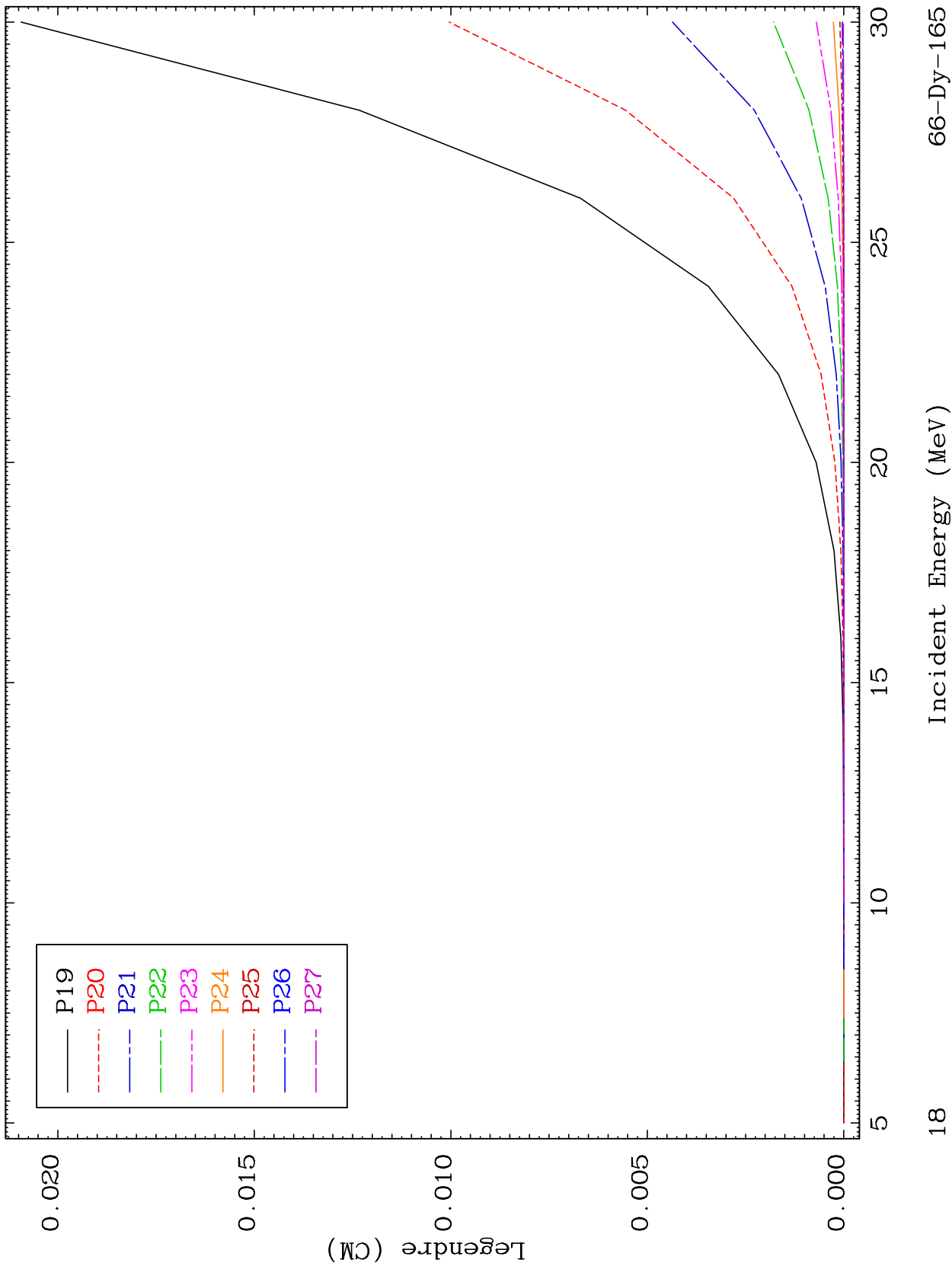
66-Dy-165



MAT 6652

Elastic Legendre Coefficients

66-Dy-165



18

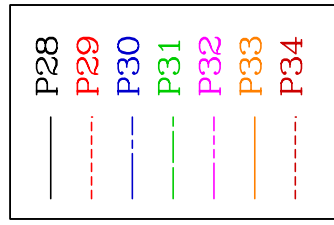
Incident Energy (MeV)

66-Dy-165

MAT 6652

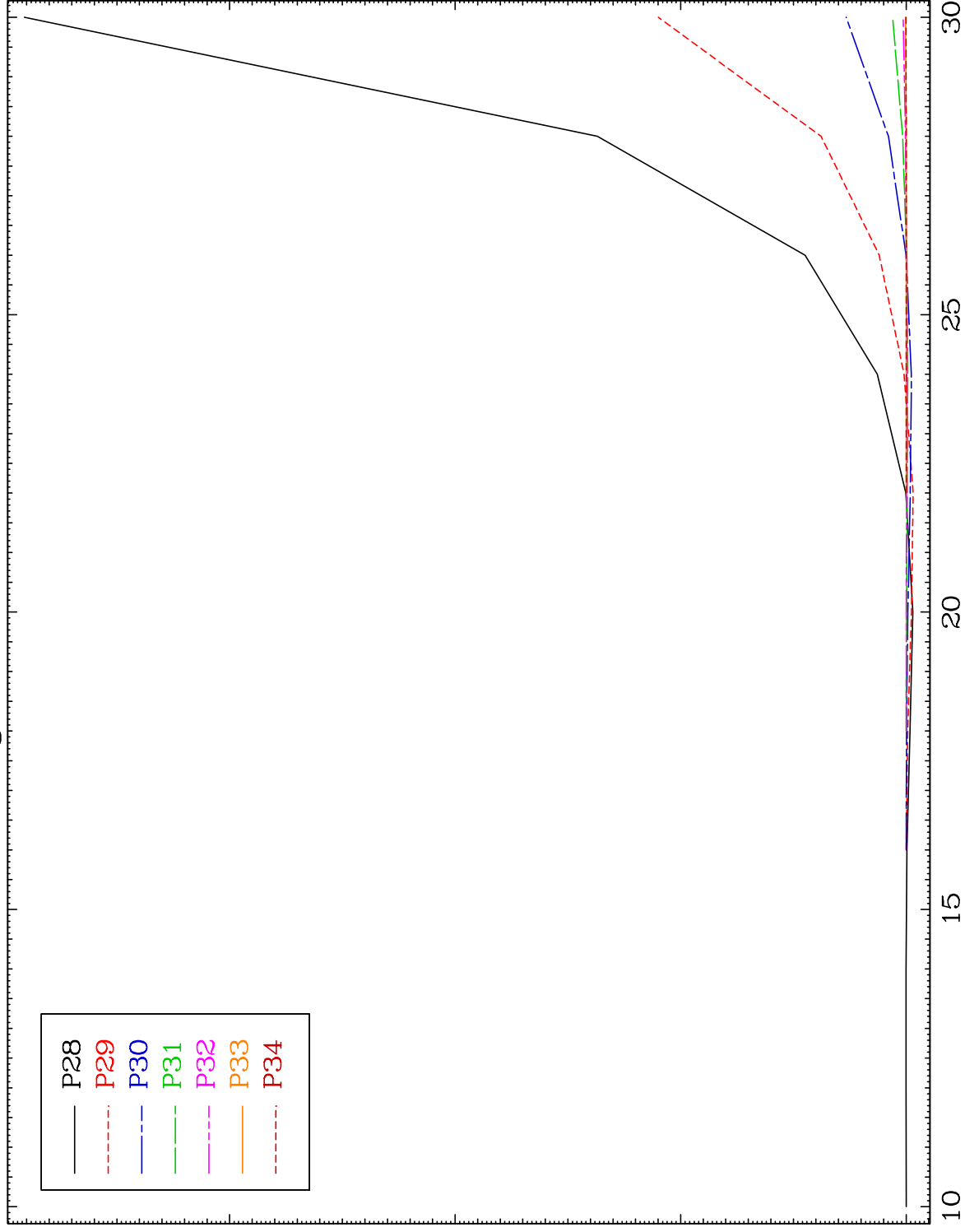
Elastic
Legendre Coefficients

66-Dy-165



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

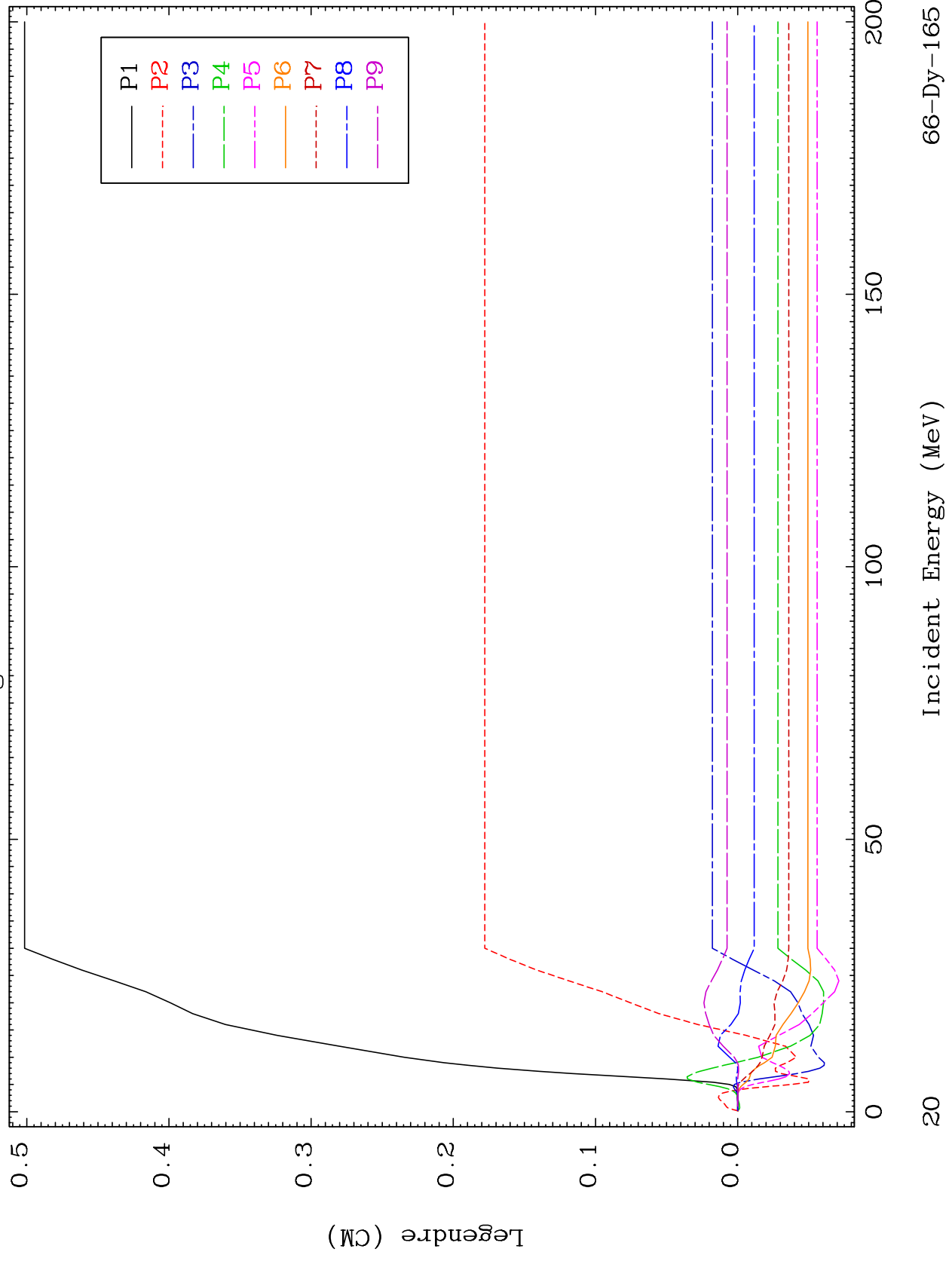
Incident Energy (MeV)

66-Dy-165

MAT 6652

83.39 keV (n,n') Level
Legendre Coefficients

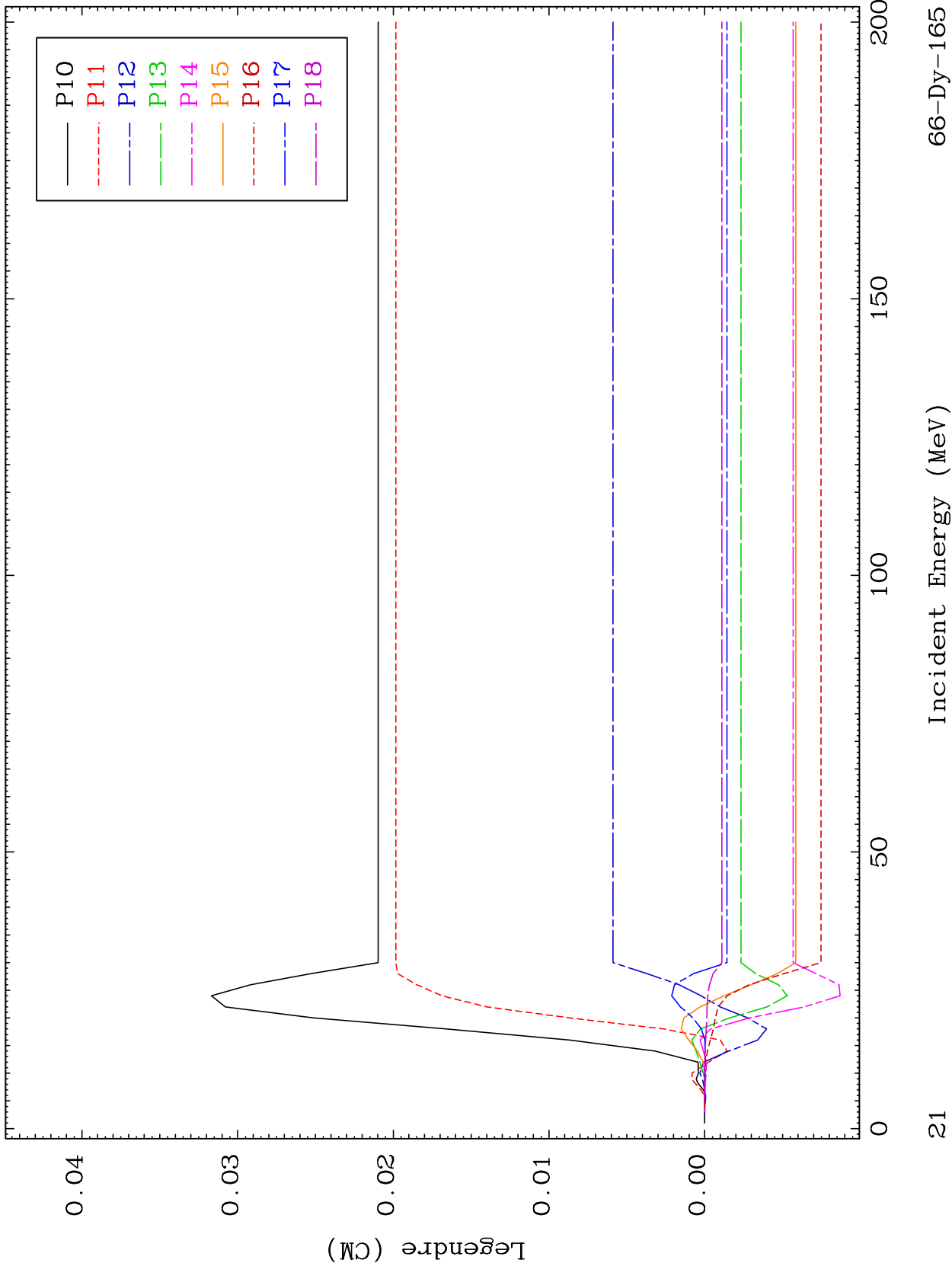
66-Dy-165



MAT 6652

83.39 keV (n,n') Level
Legendre Coefficients

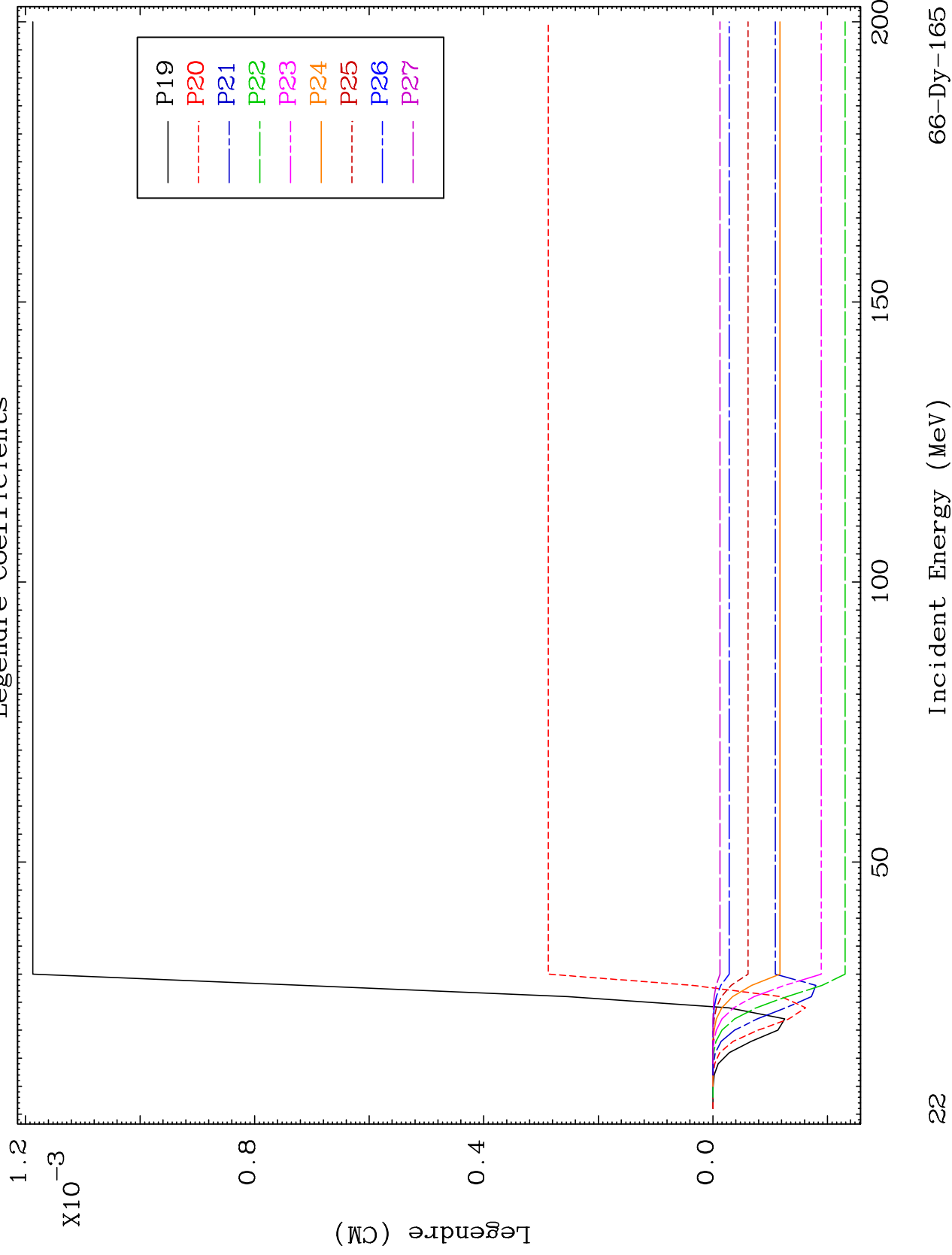
66-Dy-165

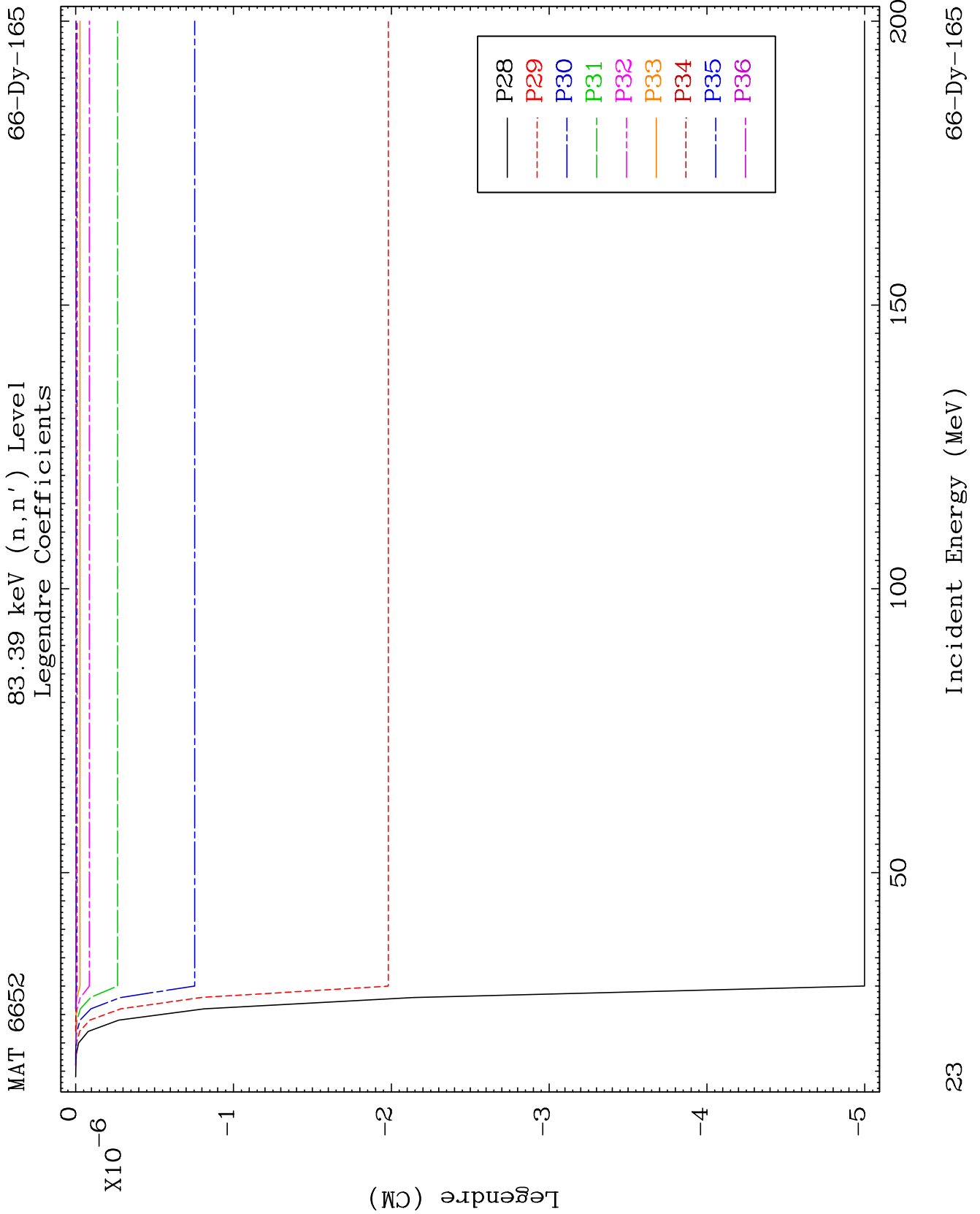


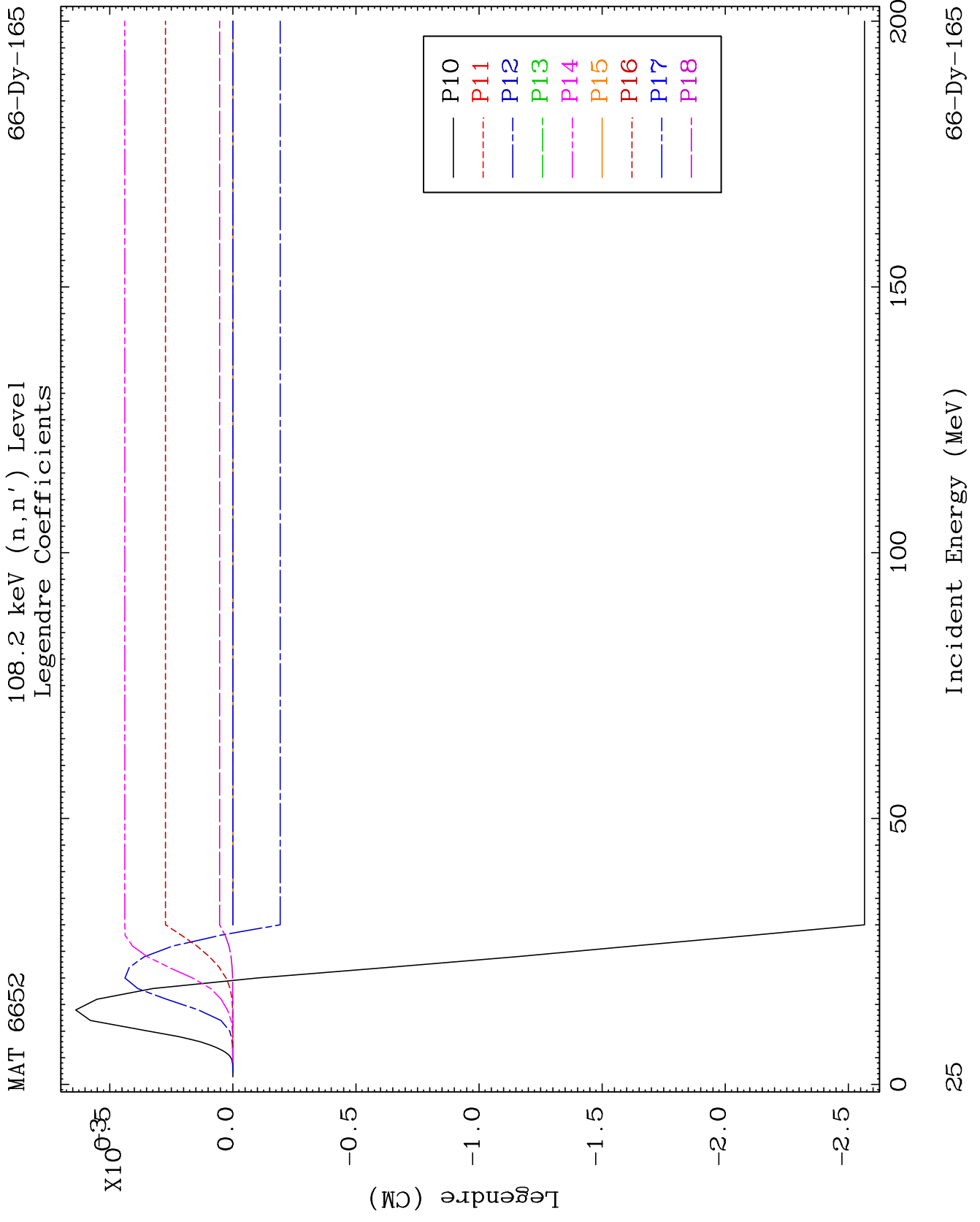
21

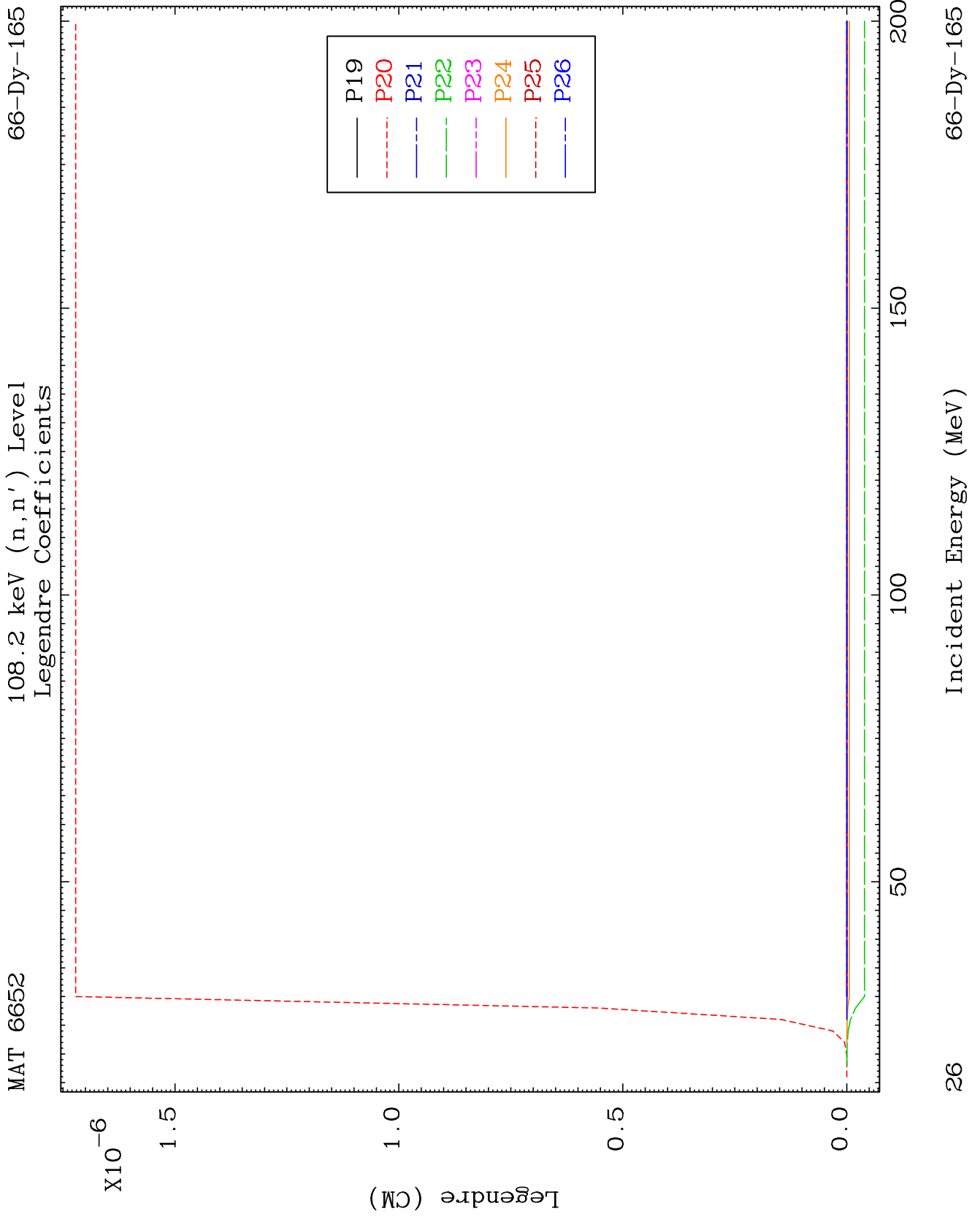
Incident Energy (MeV)

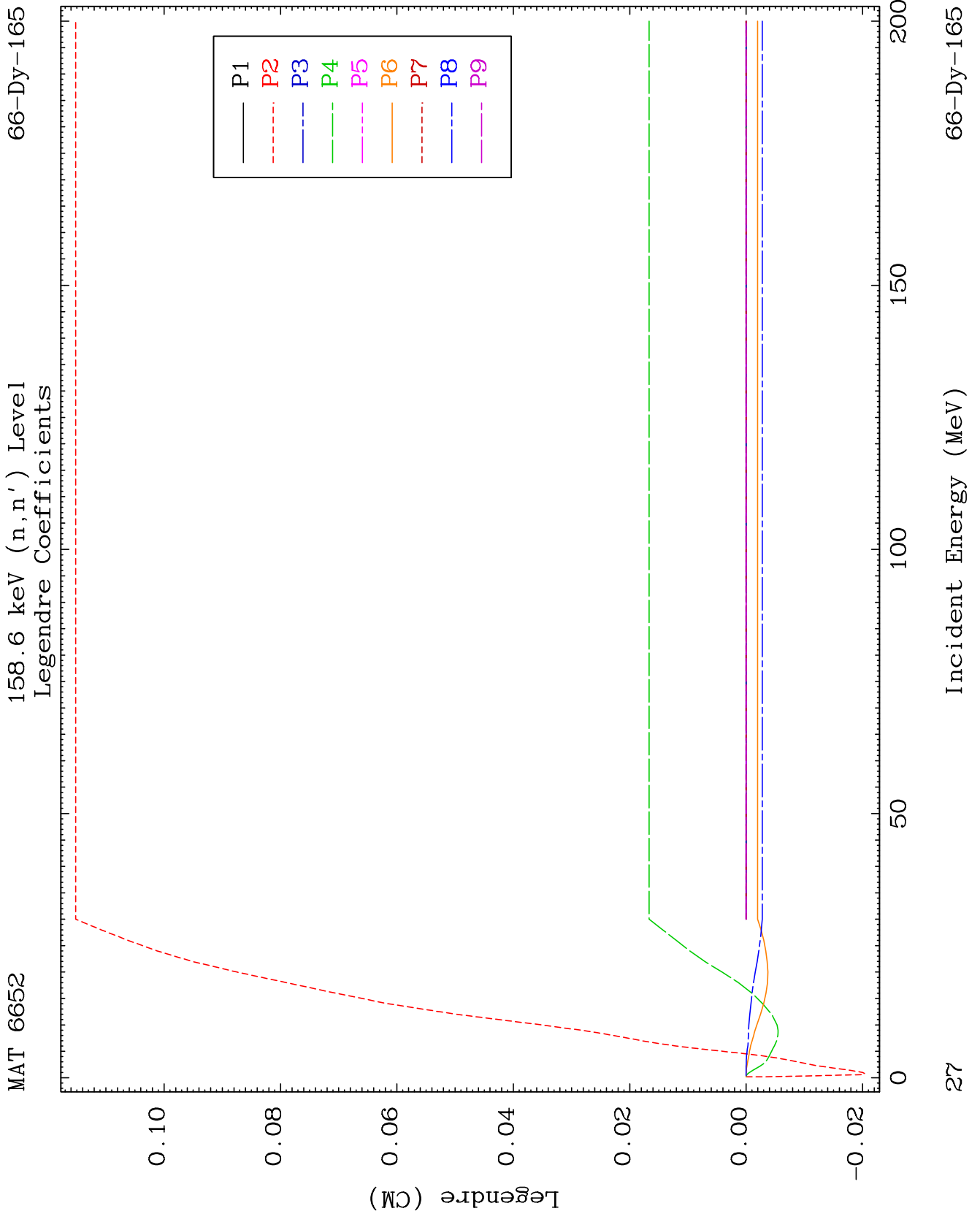
66-Dy-165

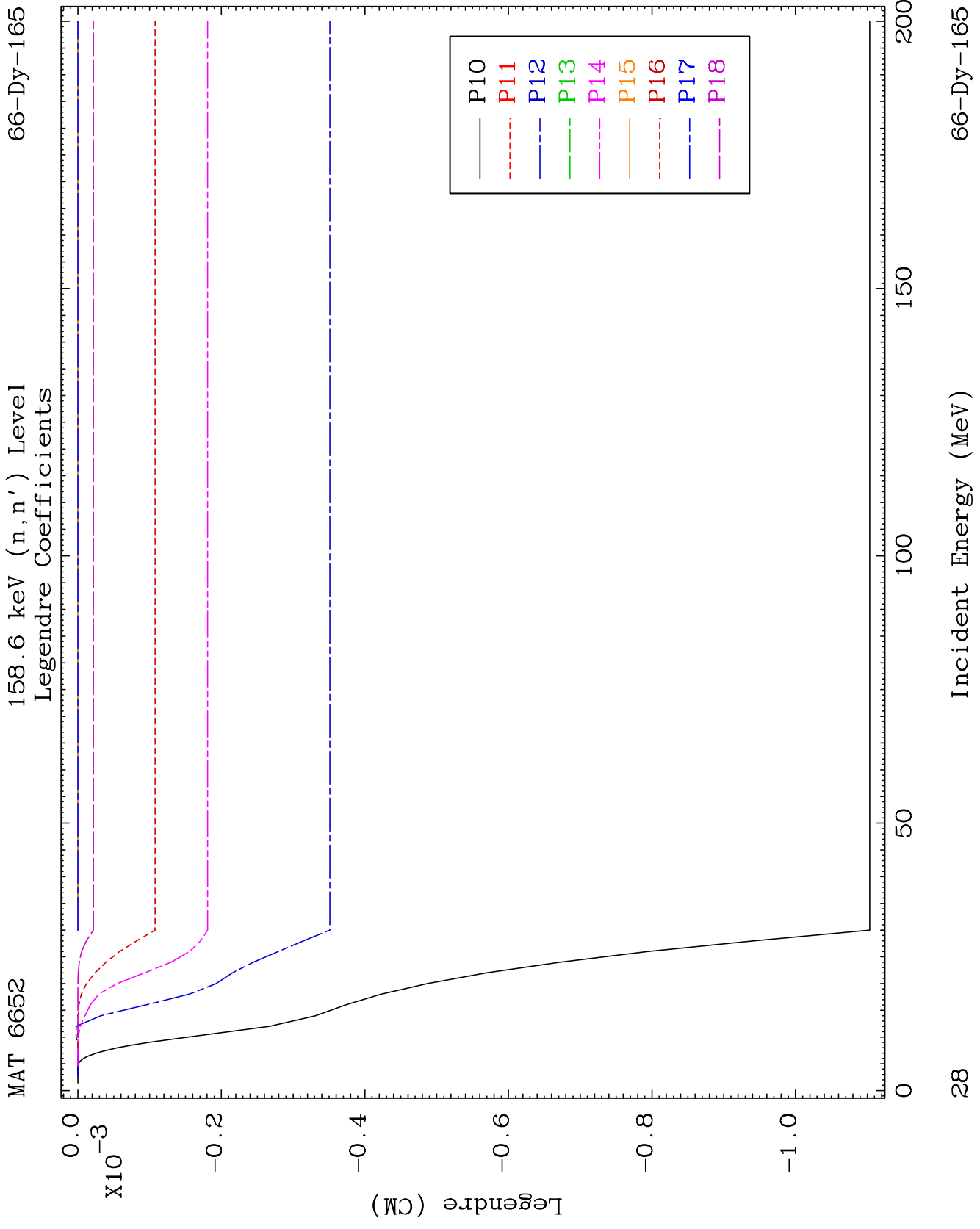


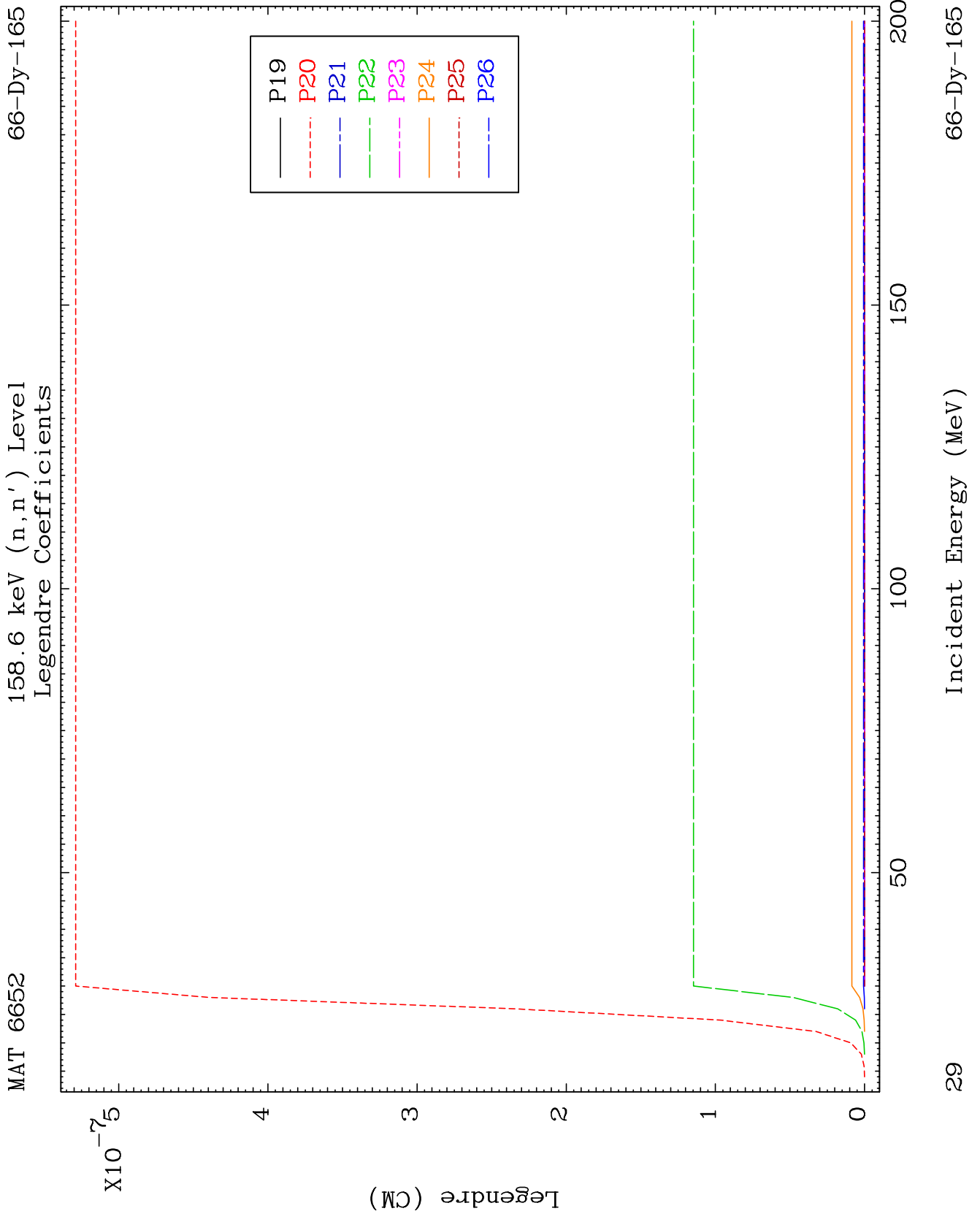








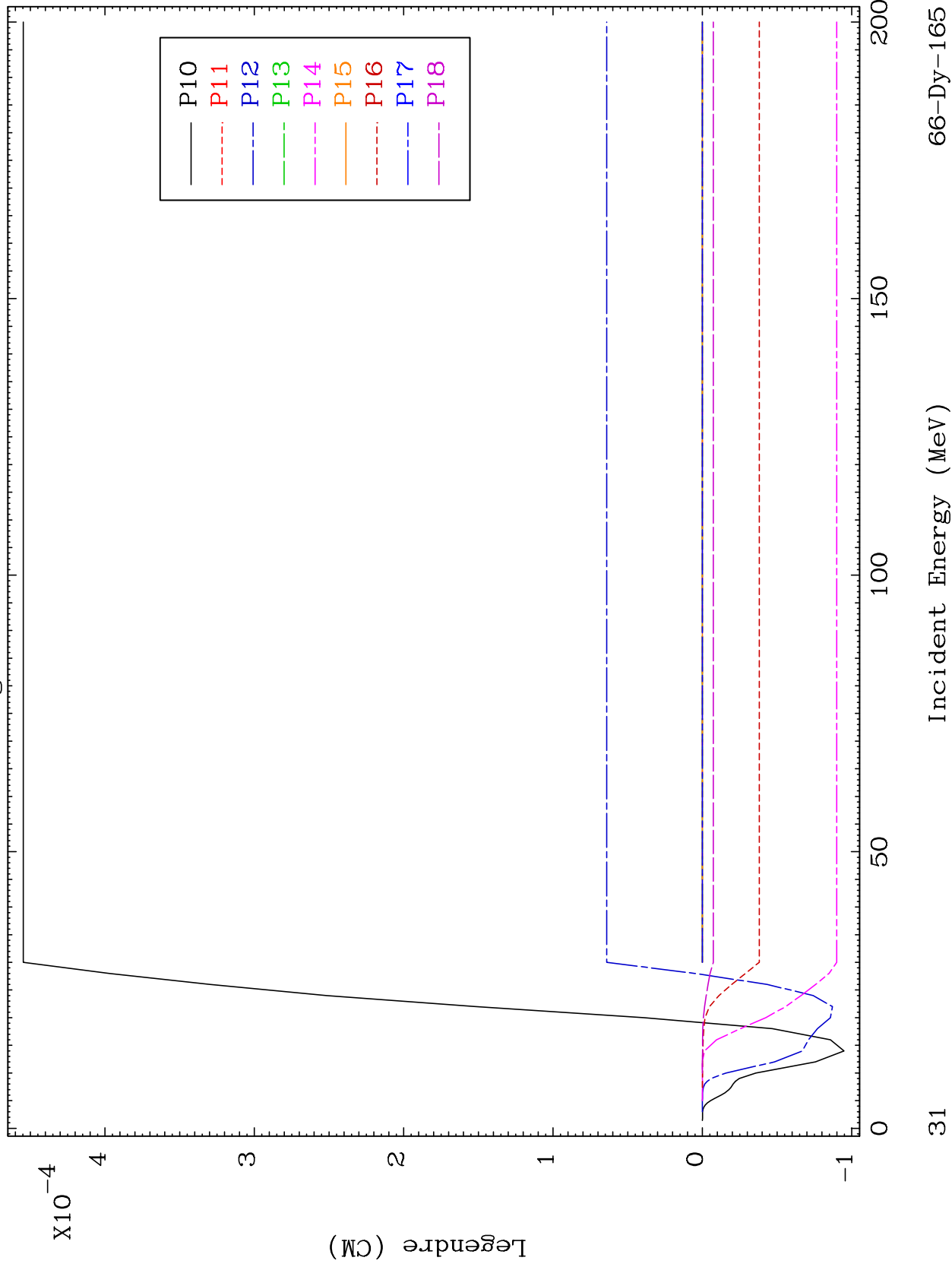


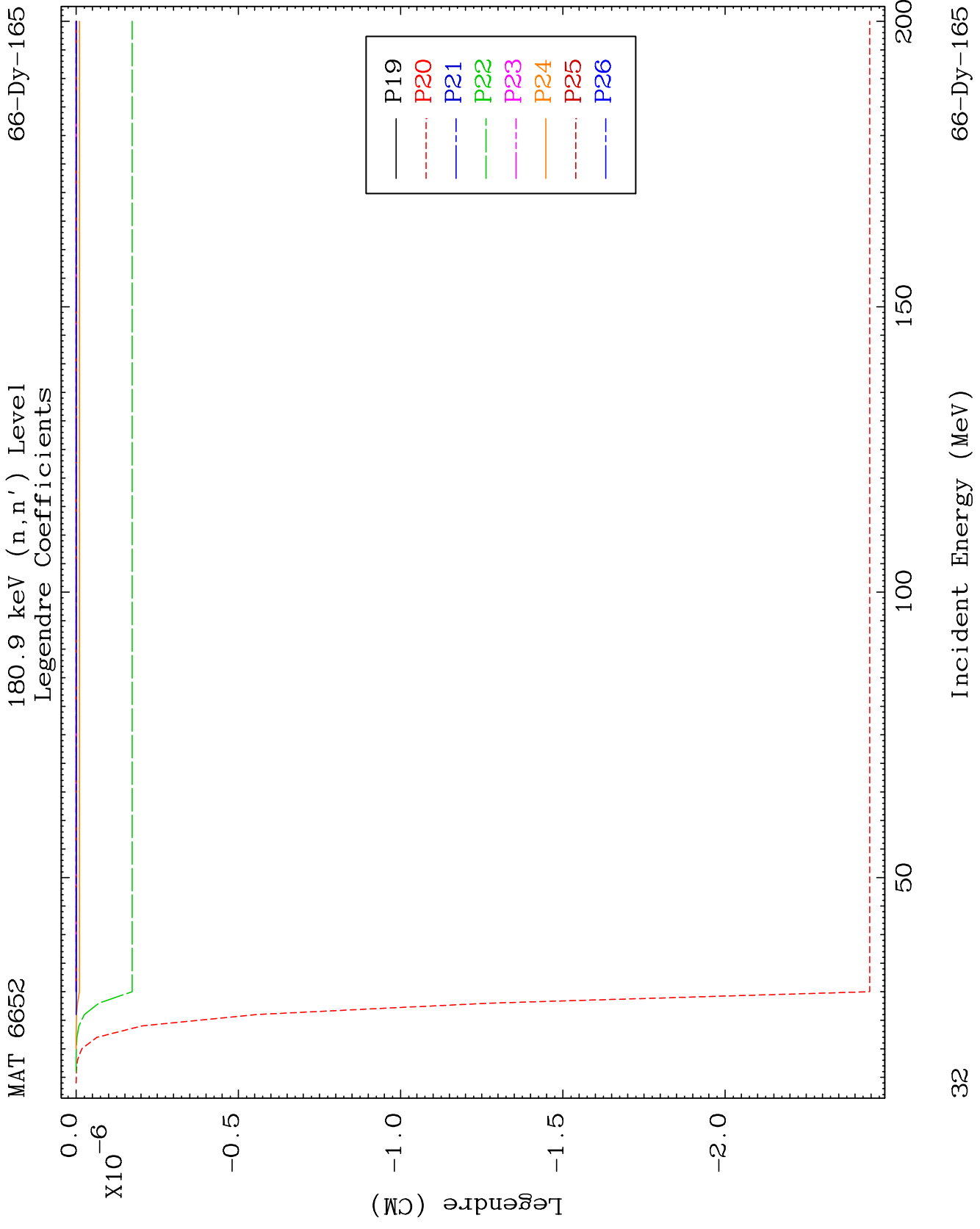


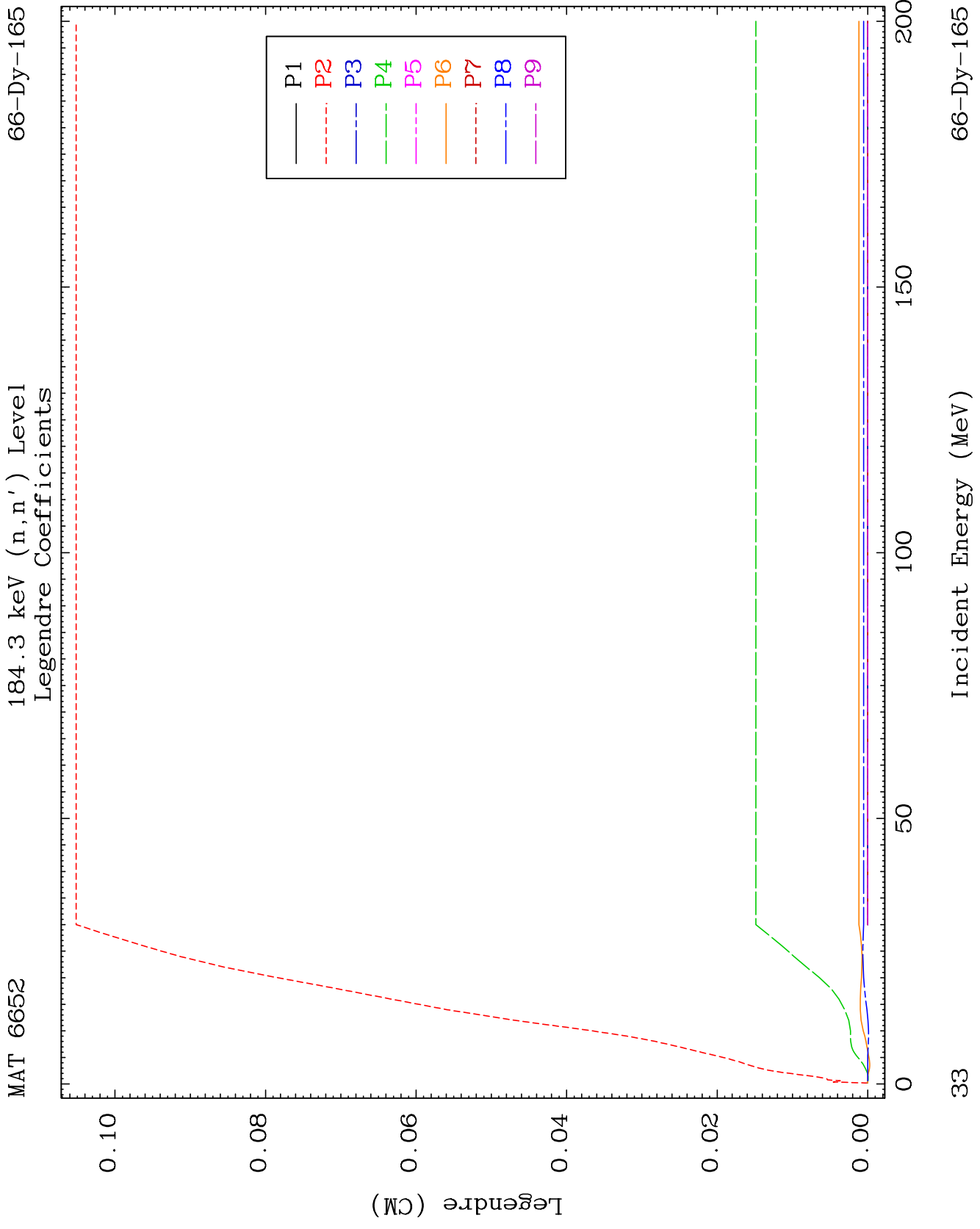
MAT 6652

180.9 keV (n,n') Level
Legendre Coefficients

66-Dy-165



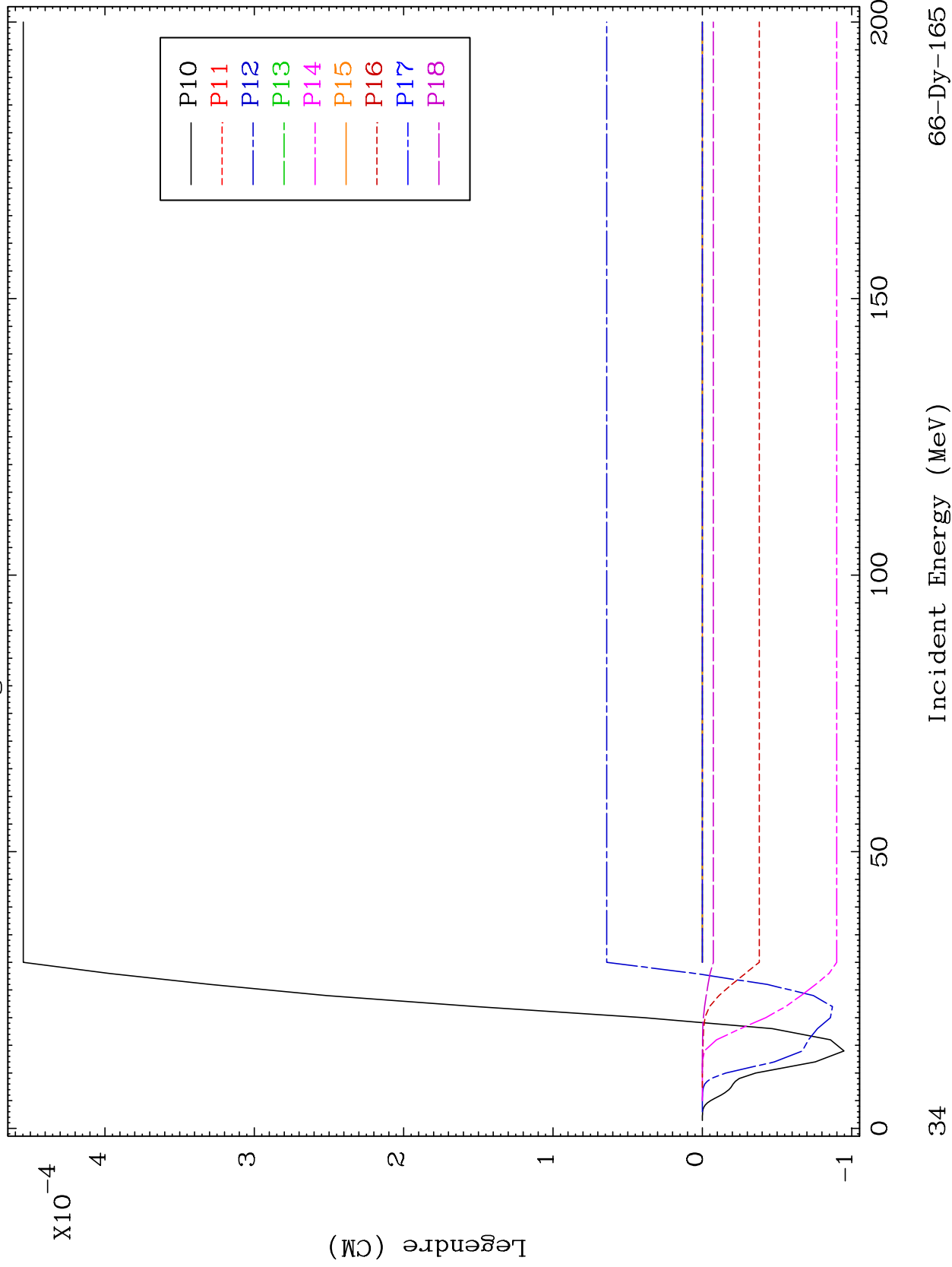




MAT 6652

184.3 keV (n,n') Level
Legendre Coefficients

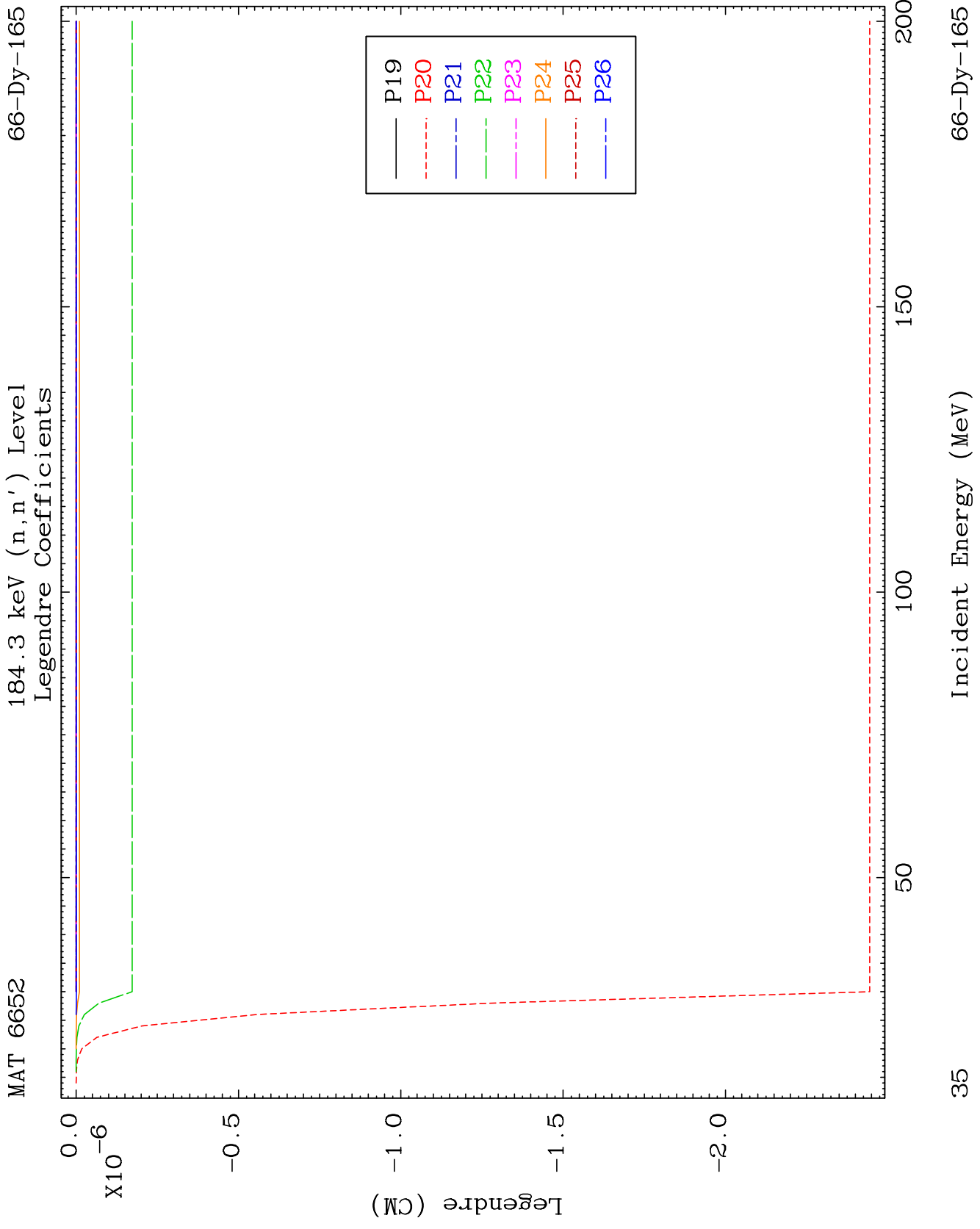
66-Dy-165



66-Dy-165

Incident Energy (MeV)

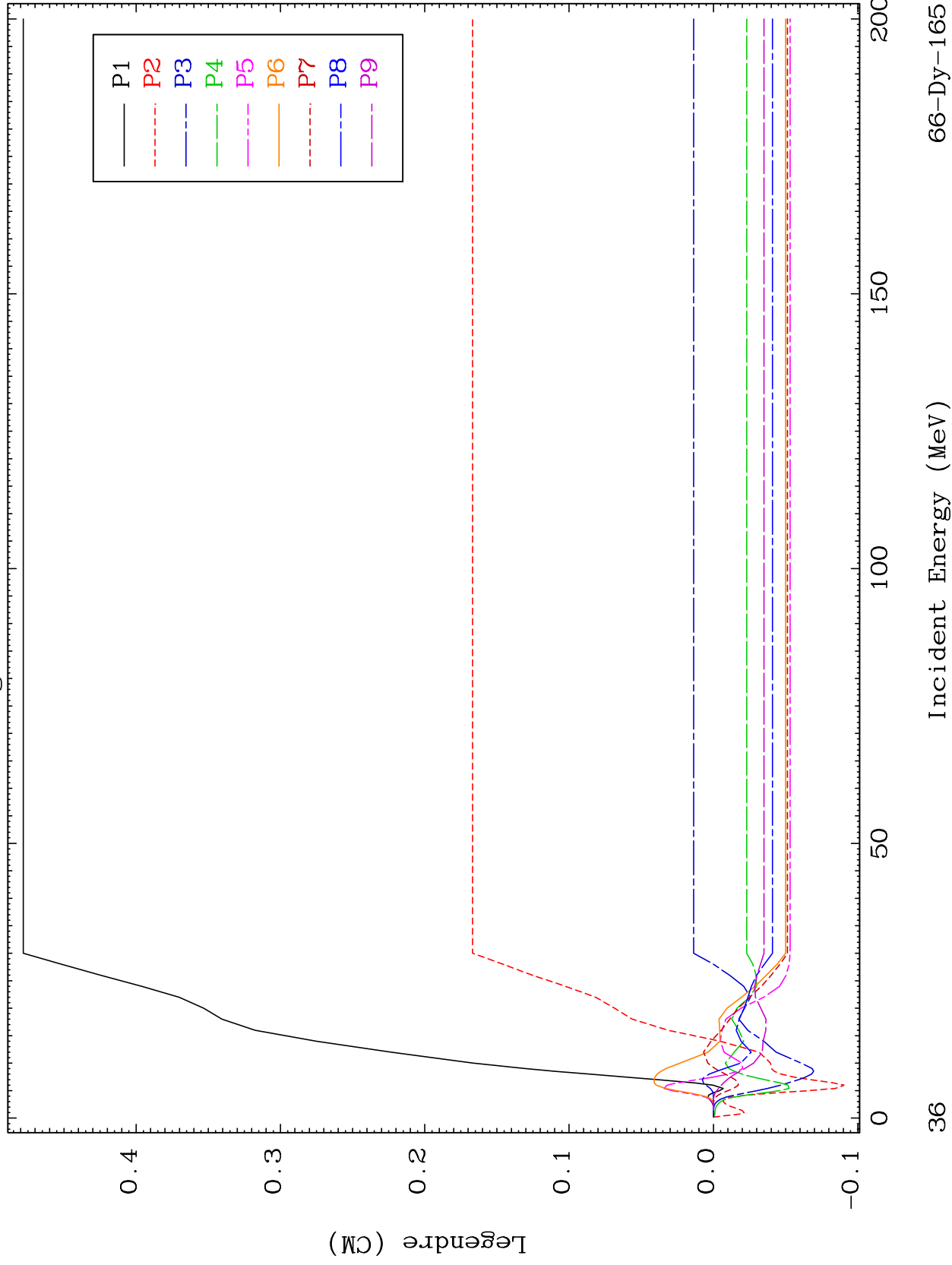
34



MAT 6652

186.1 keV (n,n') Level
Legendre Coefficients

66-Dy-165



66-Dy-165

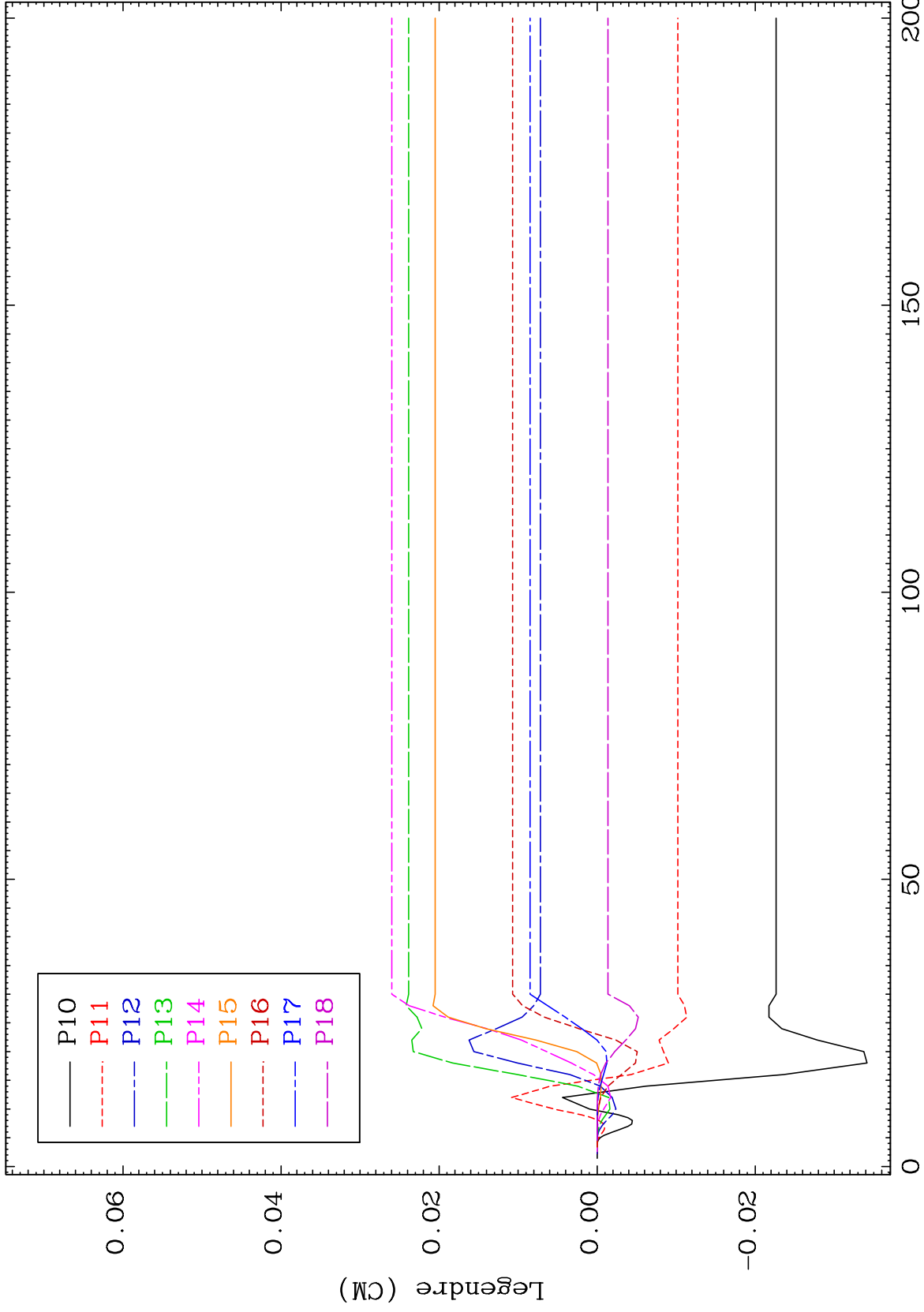
Incident Energy (MeV)

36

MAT 6652

186.1 keV (n,n') Level
Legendre Coefficients

66-Dy-165



66-Dy-165

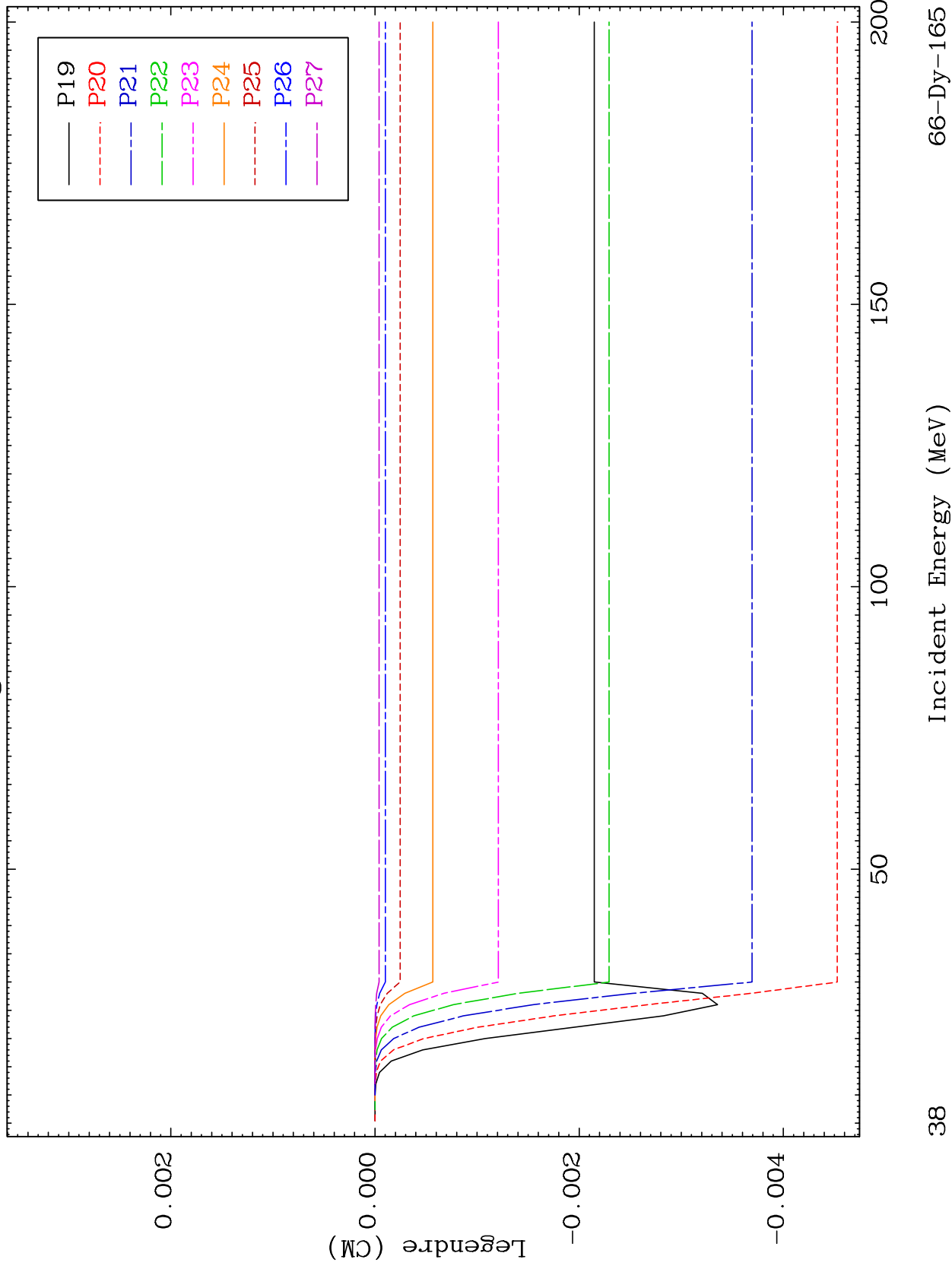
Incident Energy (MeV)

37

MAT 6652

186.1 keV (n,n') Level
Legendre Coefficients

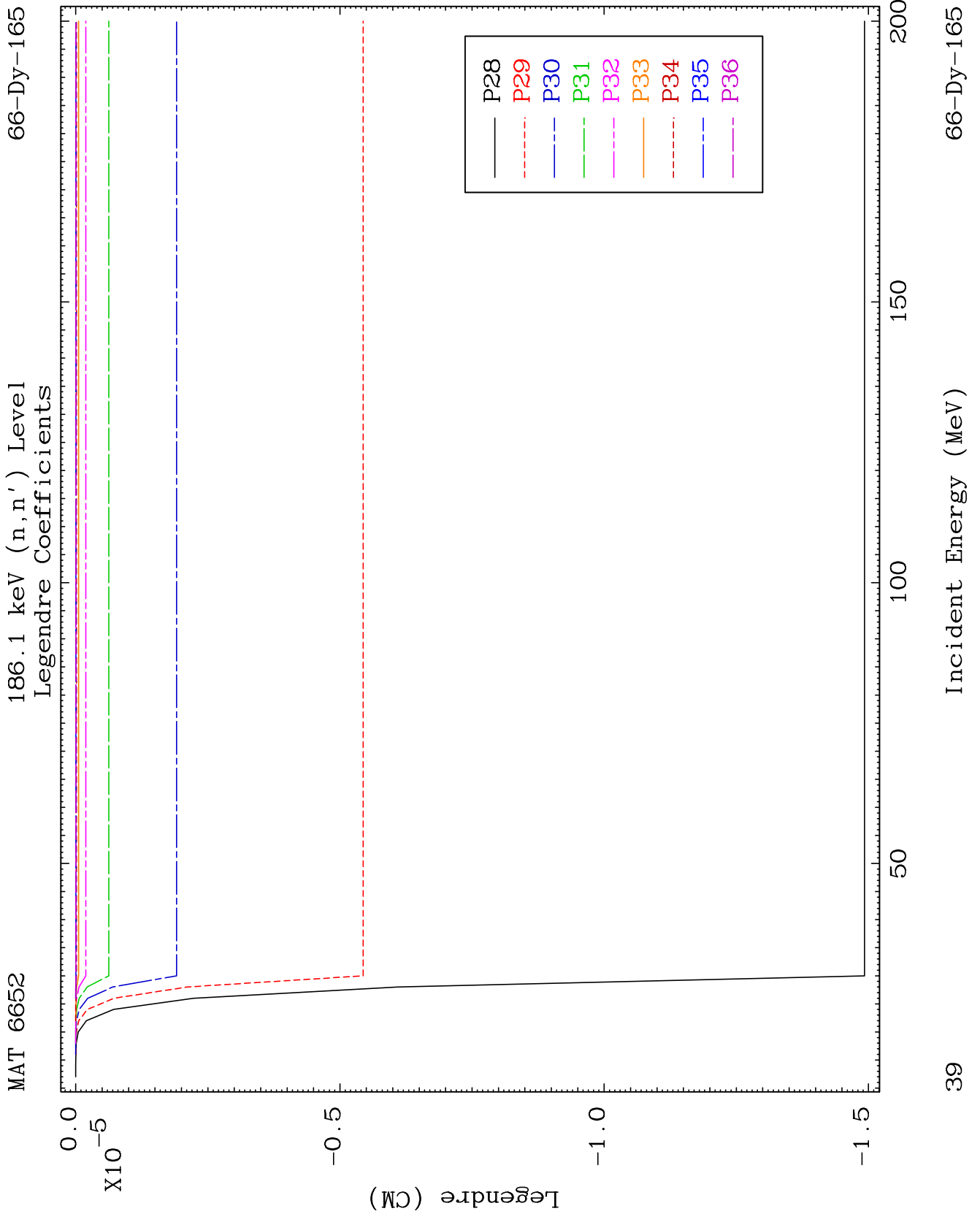
66-Dy-165

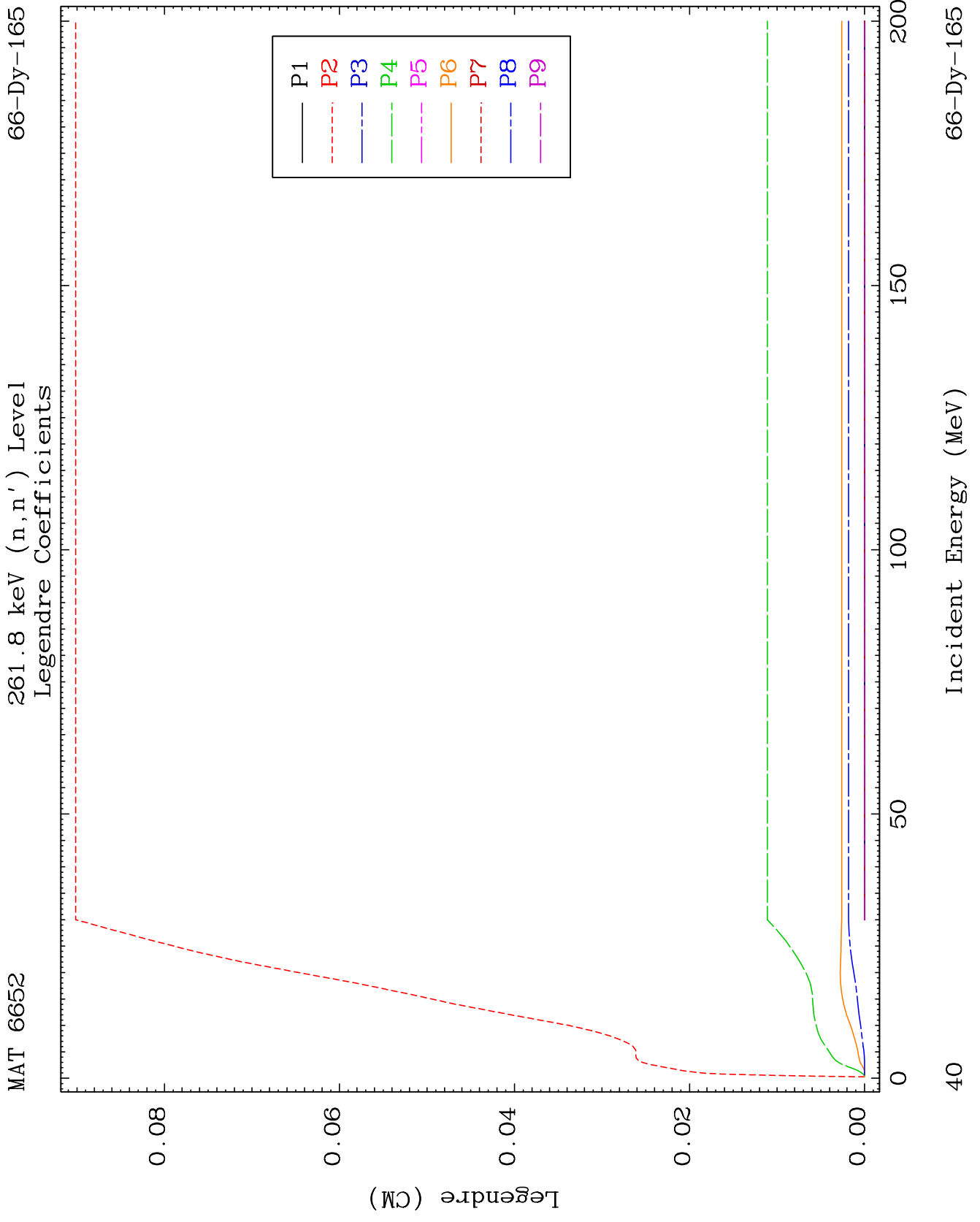


38

Incident Energy (MeV)

66-Dy-165

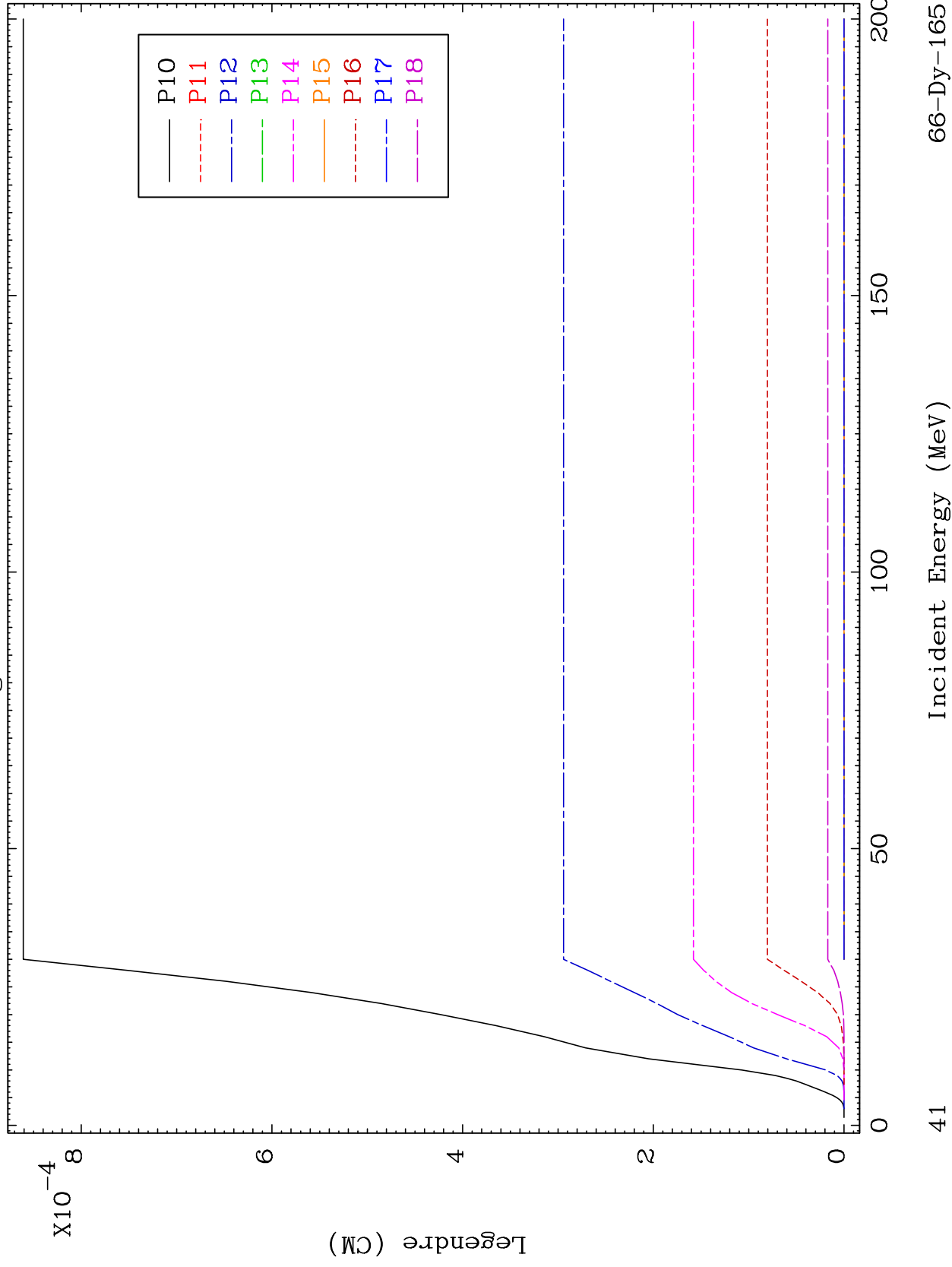


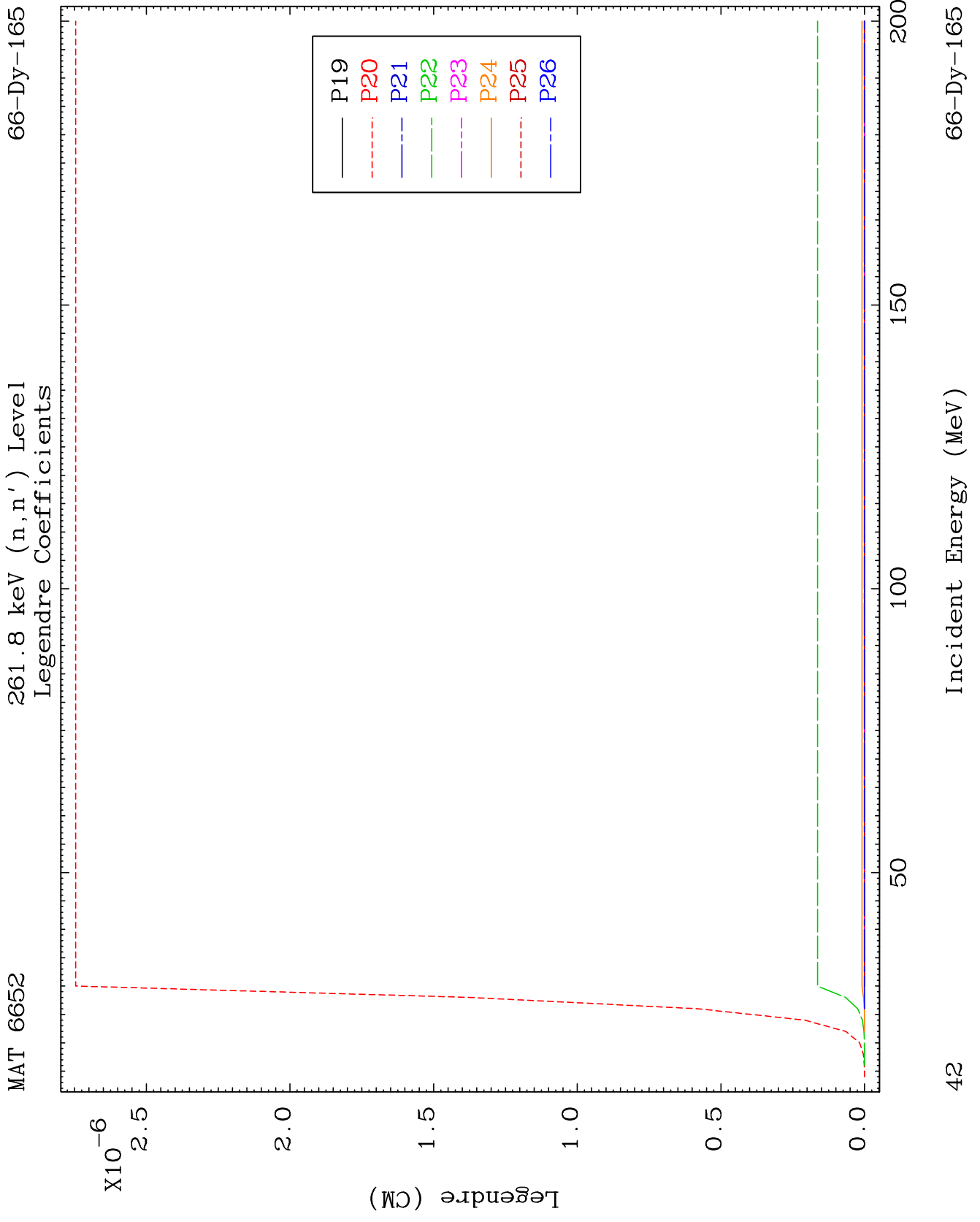


MAT 6652

261.8 keV (n,n') Level
Legendre Coefficients

66-Dy-165

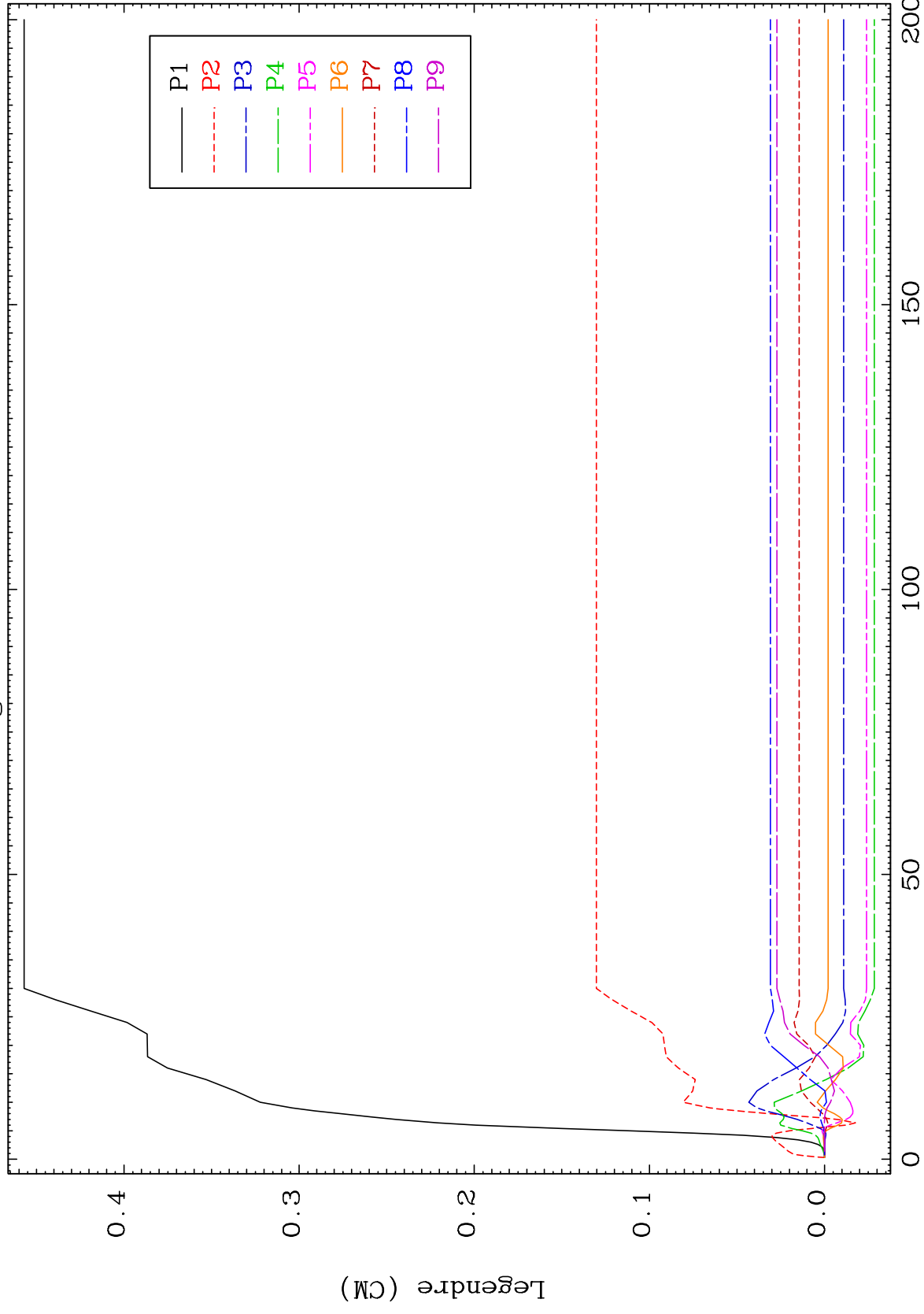




MAT 6652

297.7 keV (n,n') Level
Legendre Coefficients

66-Dy-165



43

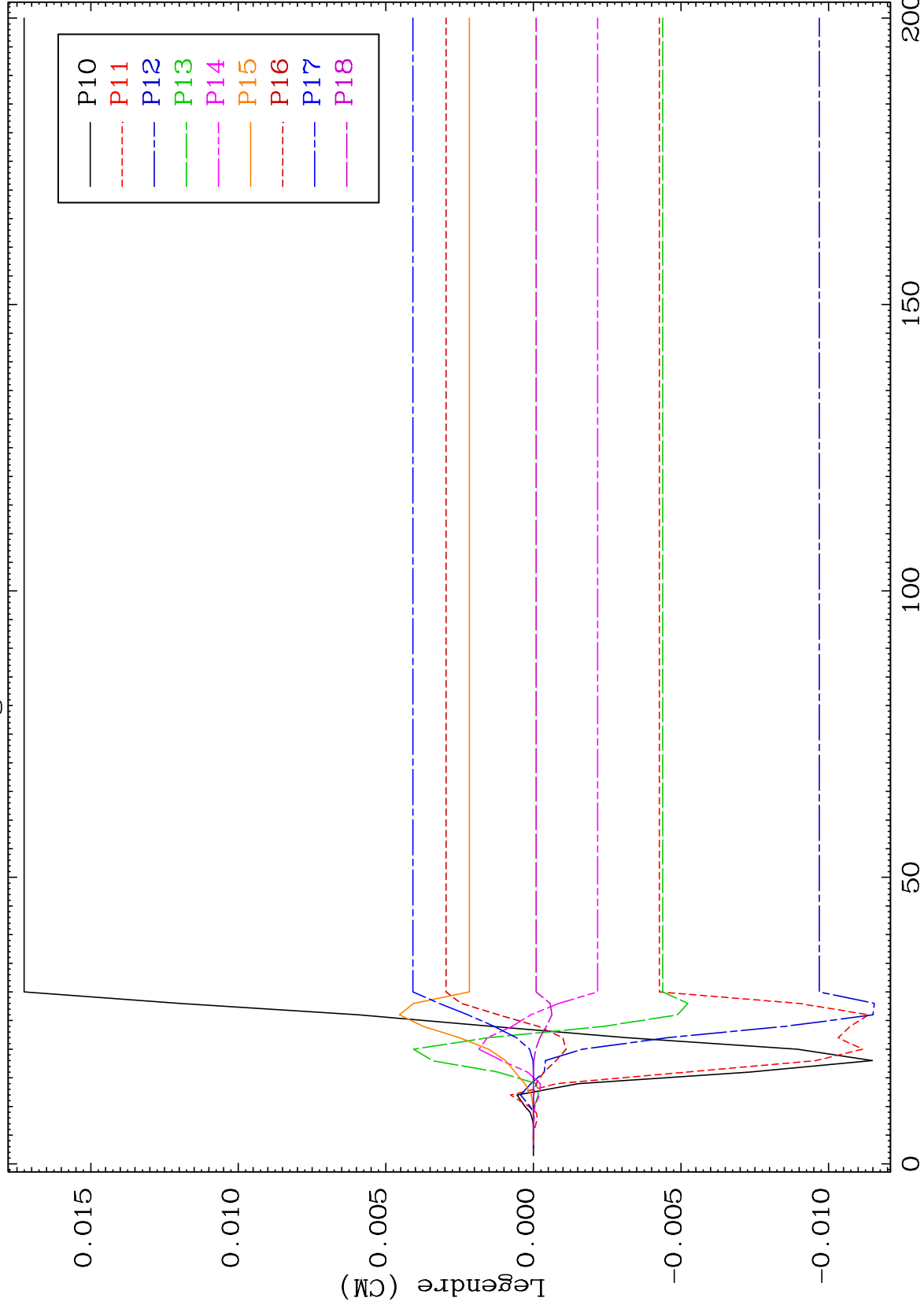
Incident Energy (MeV)

66-Dy-165

MAT 6652

297.7 keV (n,n') Level
Legendre Coefficients

66-Dy-165



44

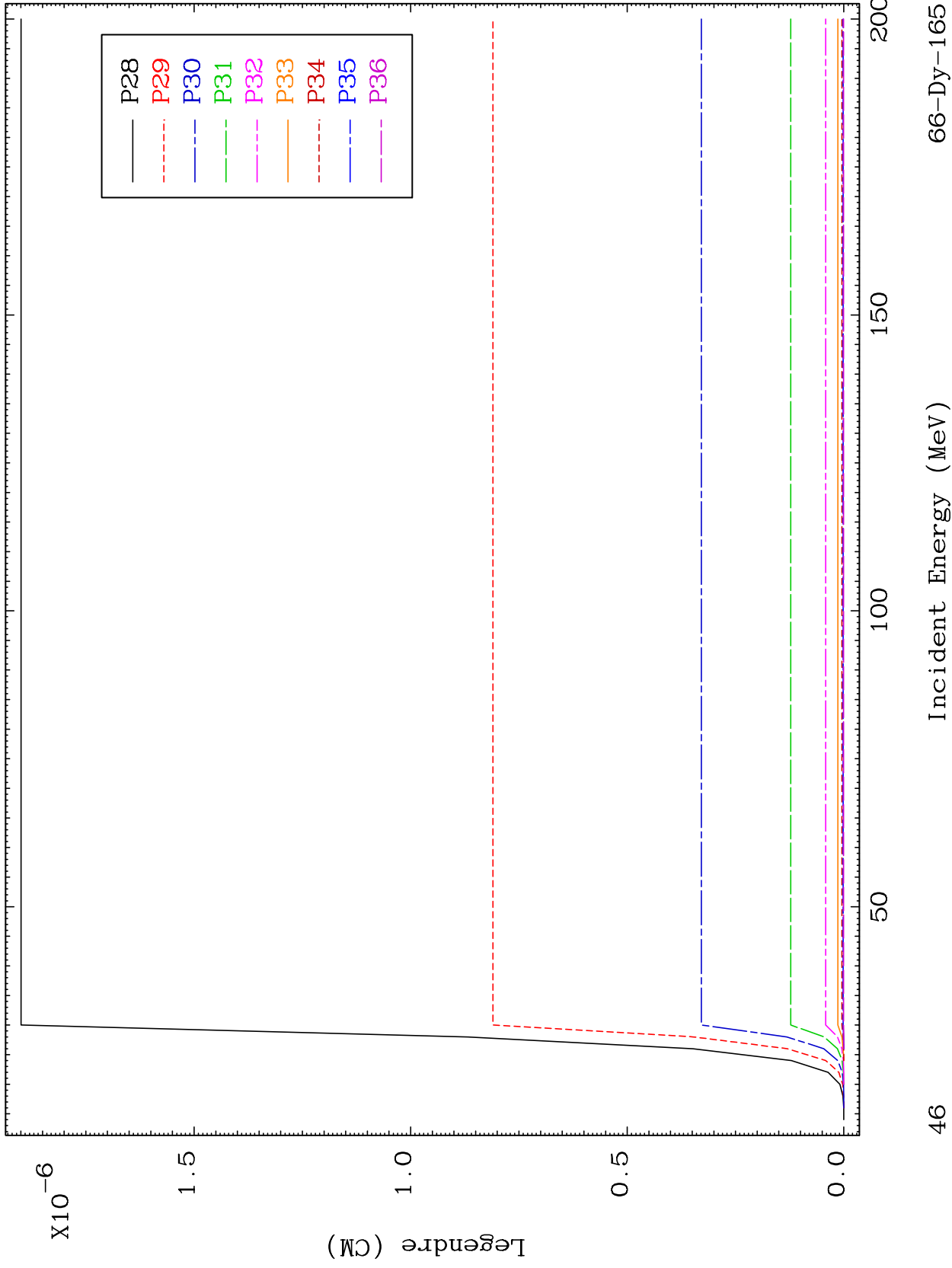
Incident Energy (MeV)

66-Dy-165

MAT 6652

297.7 keV (n,n') Level
Legendre Coefficients

66-Dy-165



46

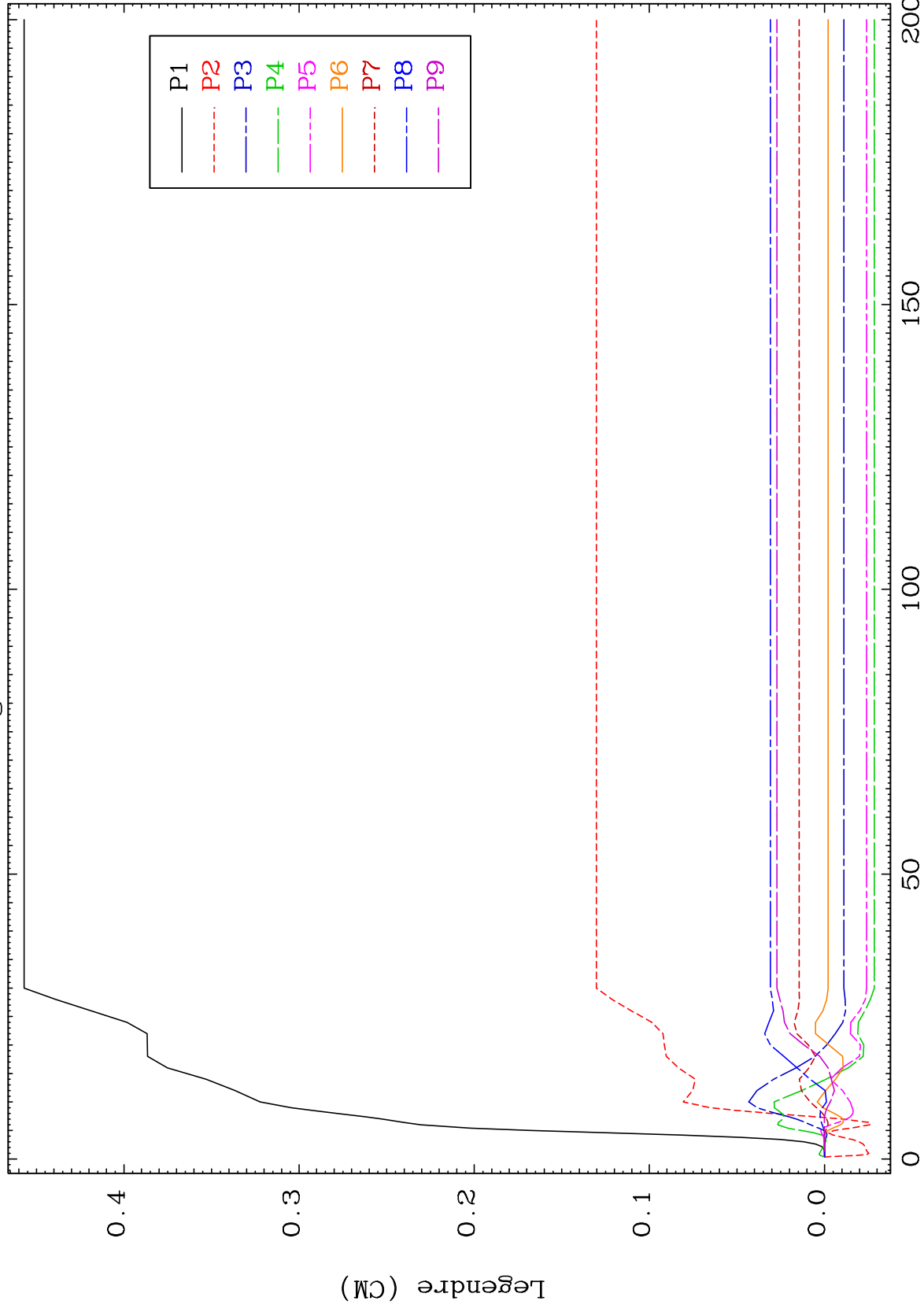
Incident Energy (MeV)

66-Dy-165

MAT 6652

307.7 keV (n,n') Level
Legendre Coefficients

66-Dy-165



47

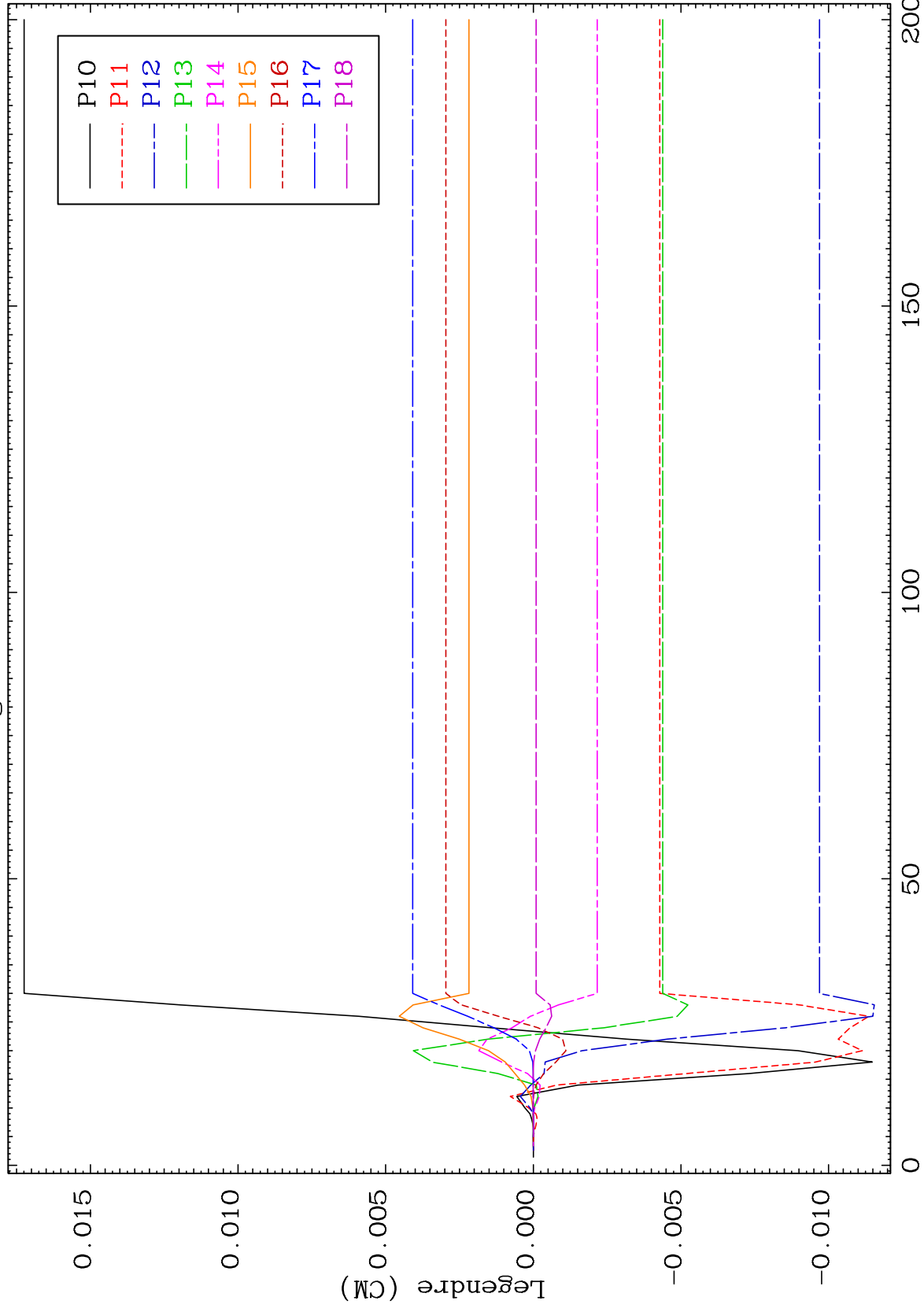
Incident Energy (MeV)

66-Dy-165

MAT 6652

307.7 keV (n,n') Level
Legendre Coefficients

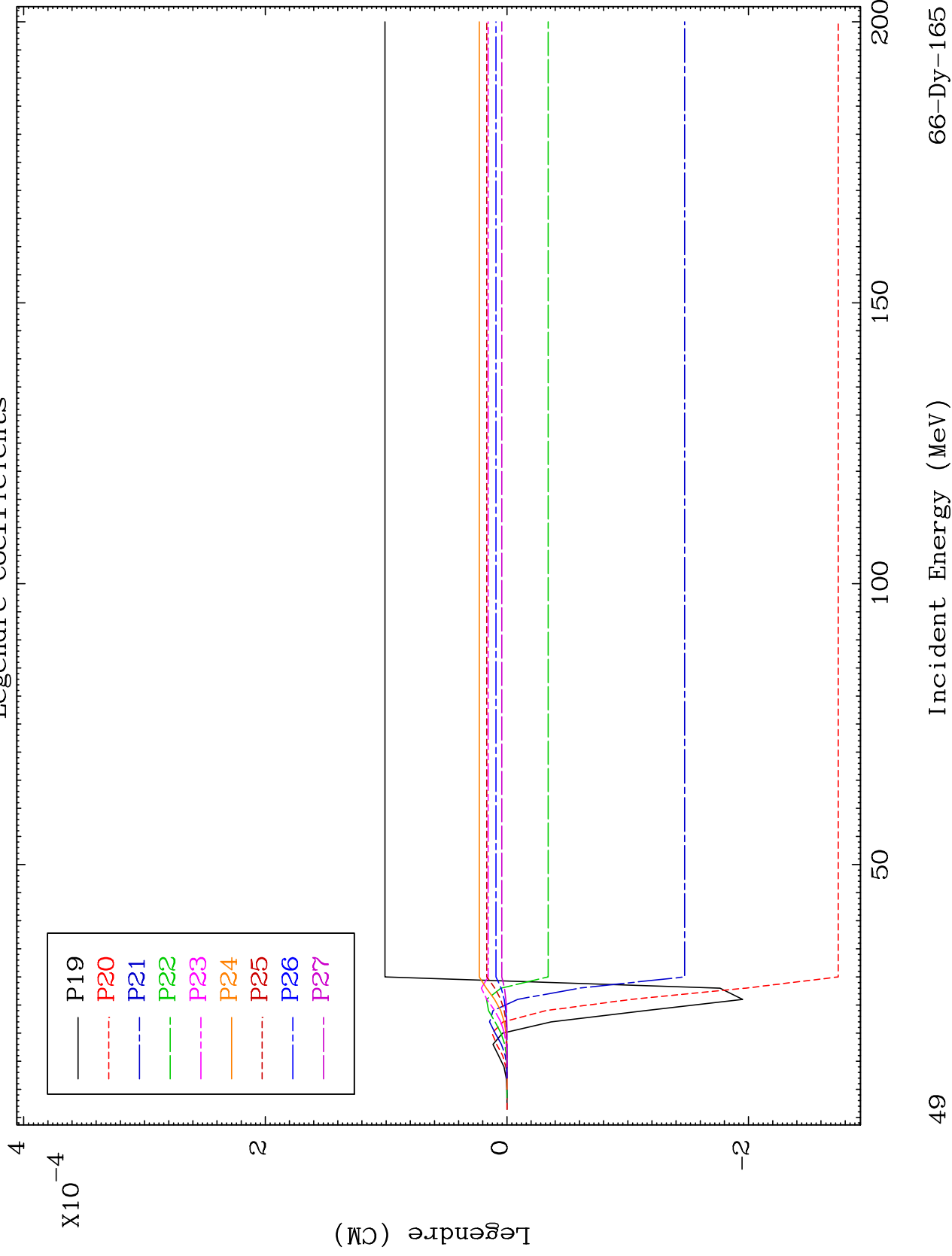
66-Dy-165



48

Incident Energy (MeV)

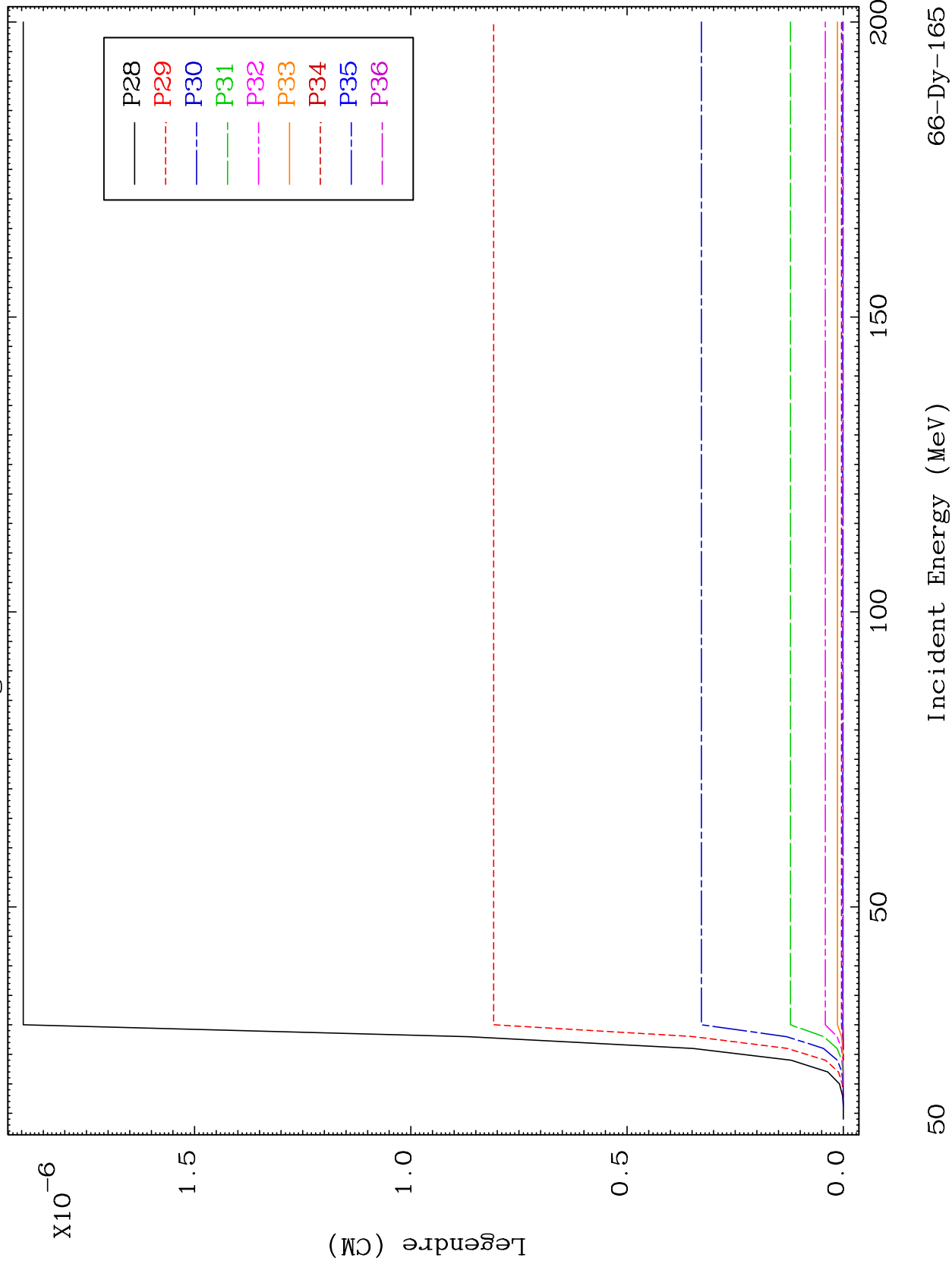
66-Dy-165



MAT 6652

307.7 keV (n,n') Level
Legendre Coefficients

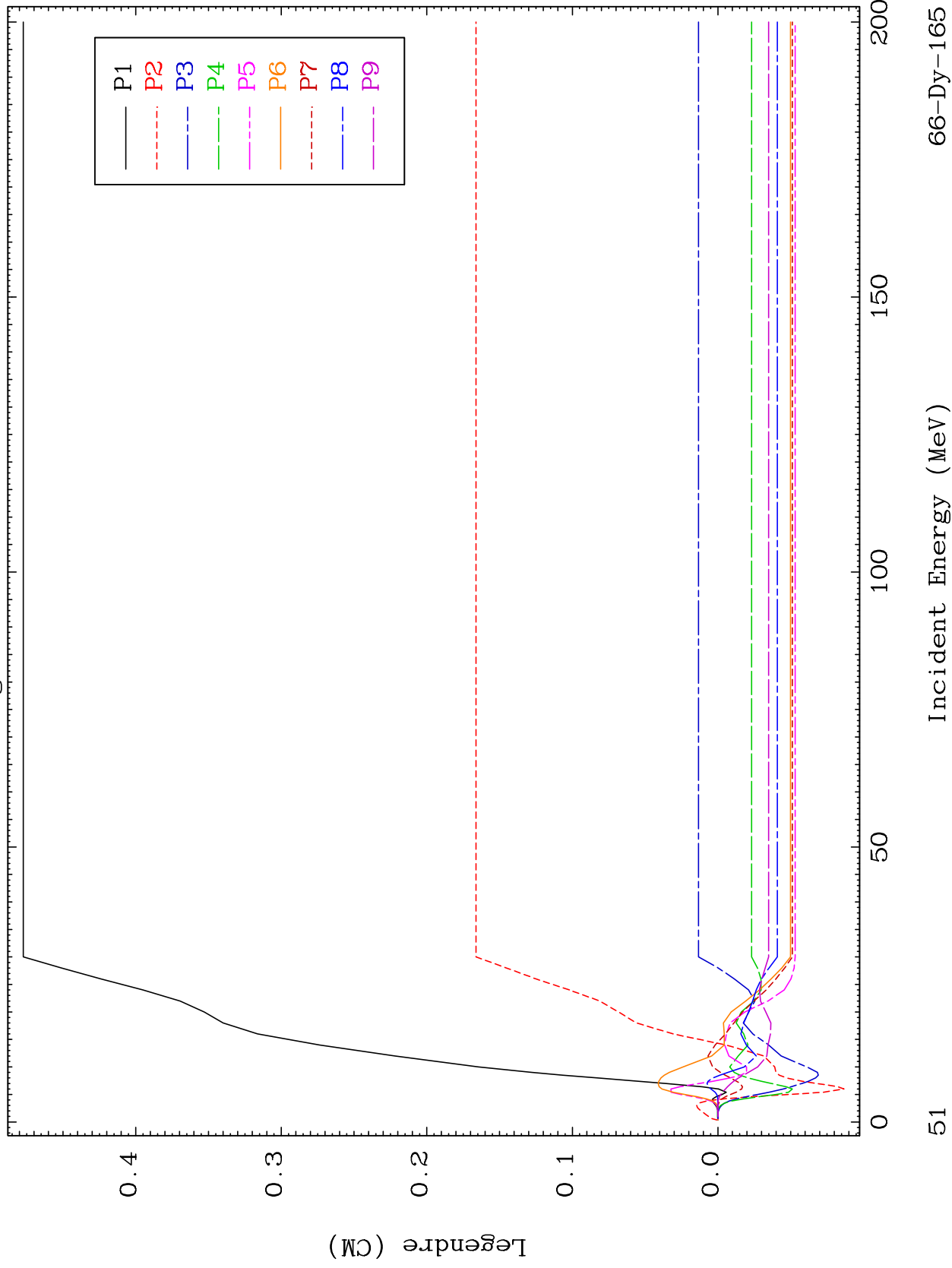
66-Dy-165



MAT 6652

337.2 keV (n,n') Level
Legendre Coefficients

66-Dy-165



66-Dy-165

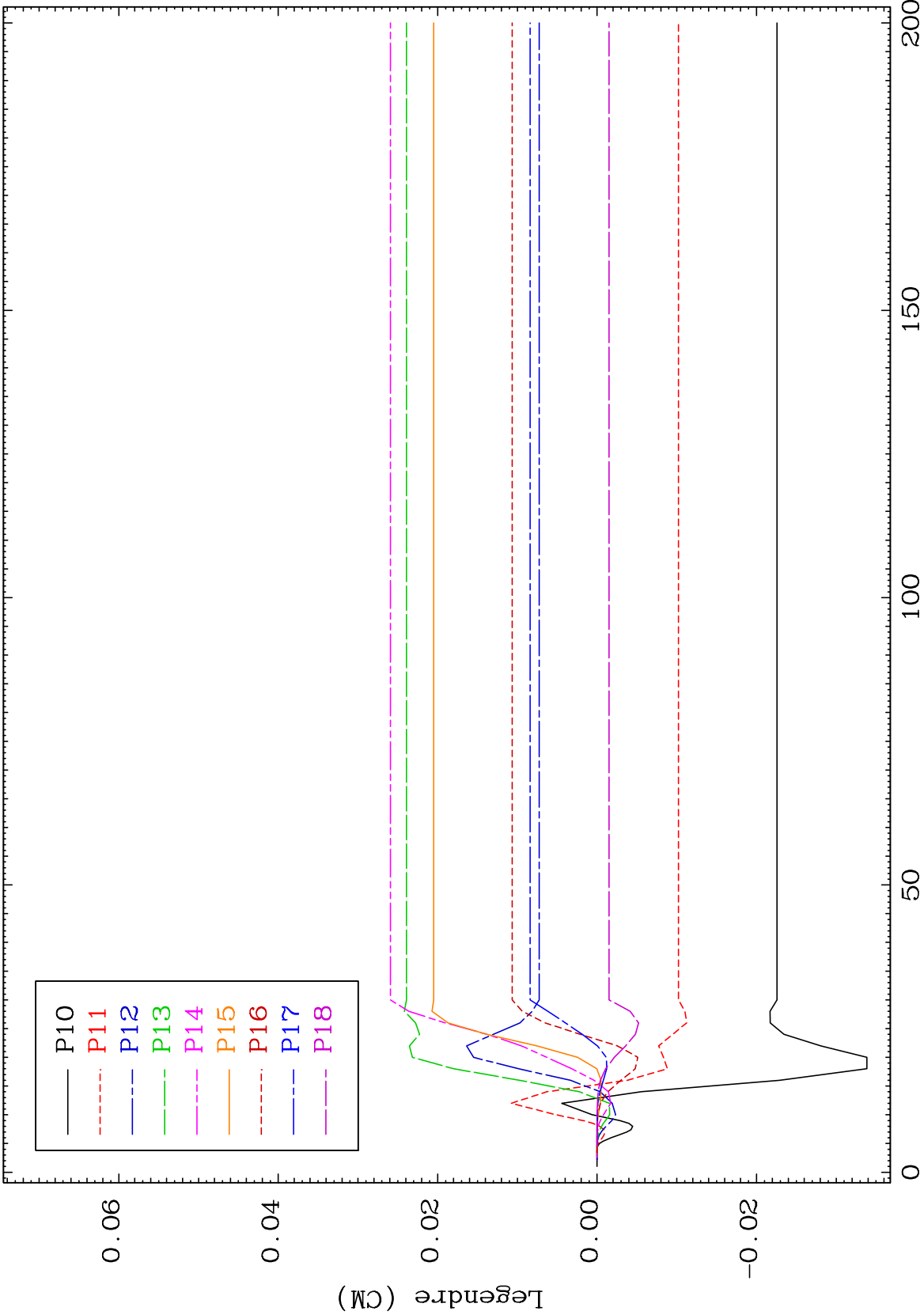
Incident Energy (MeV)

51

MAT 6652

337.2 keV (n,n') Level
Legendre Coefficients

66-Dy-165



52

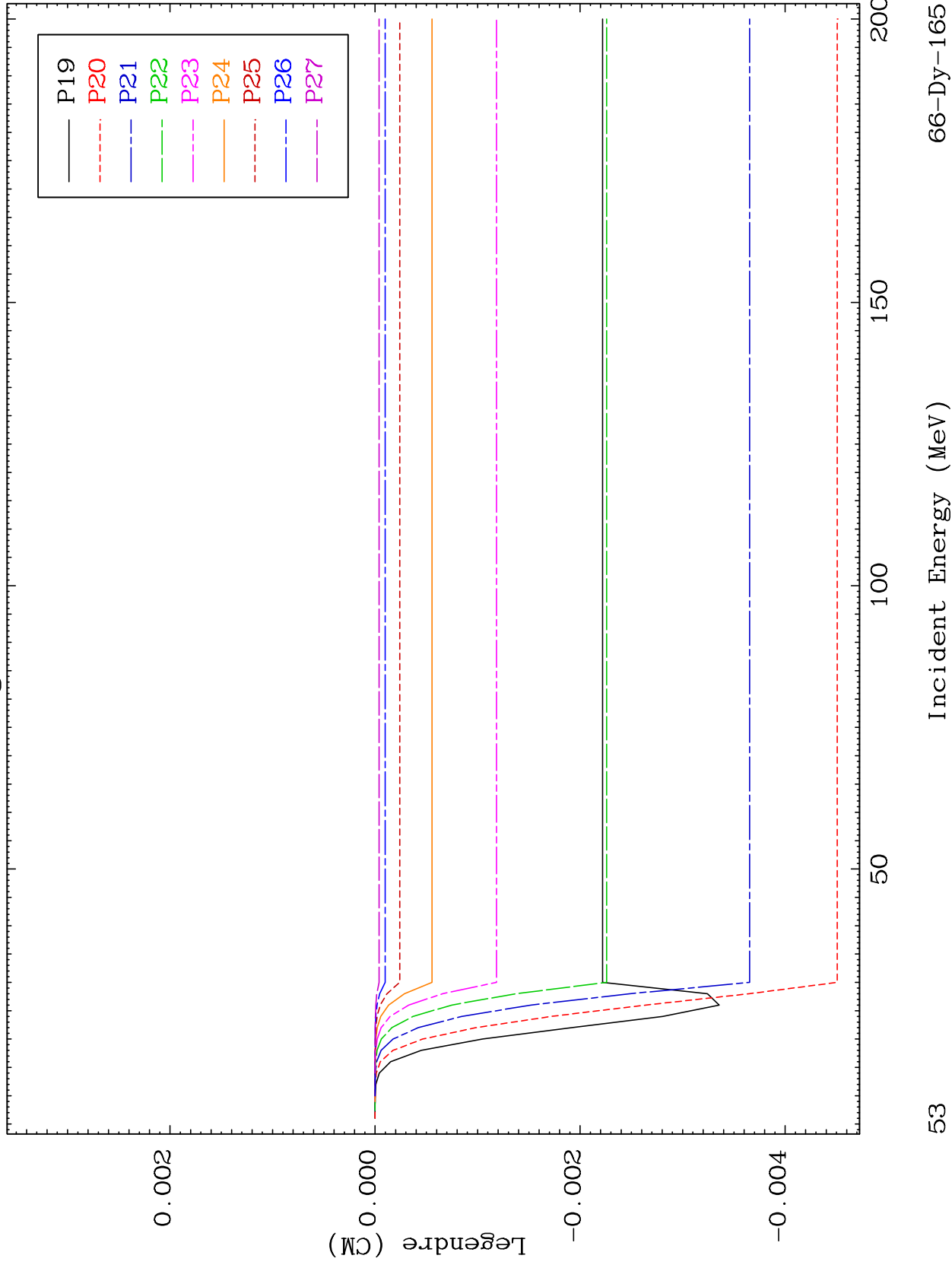
Incident Energy (MeV)

66-Dy-165

MAT 6652

337.2 keV (n,n') Level
Legendre Coefficients

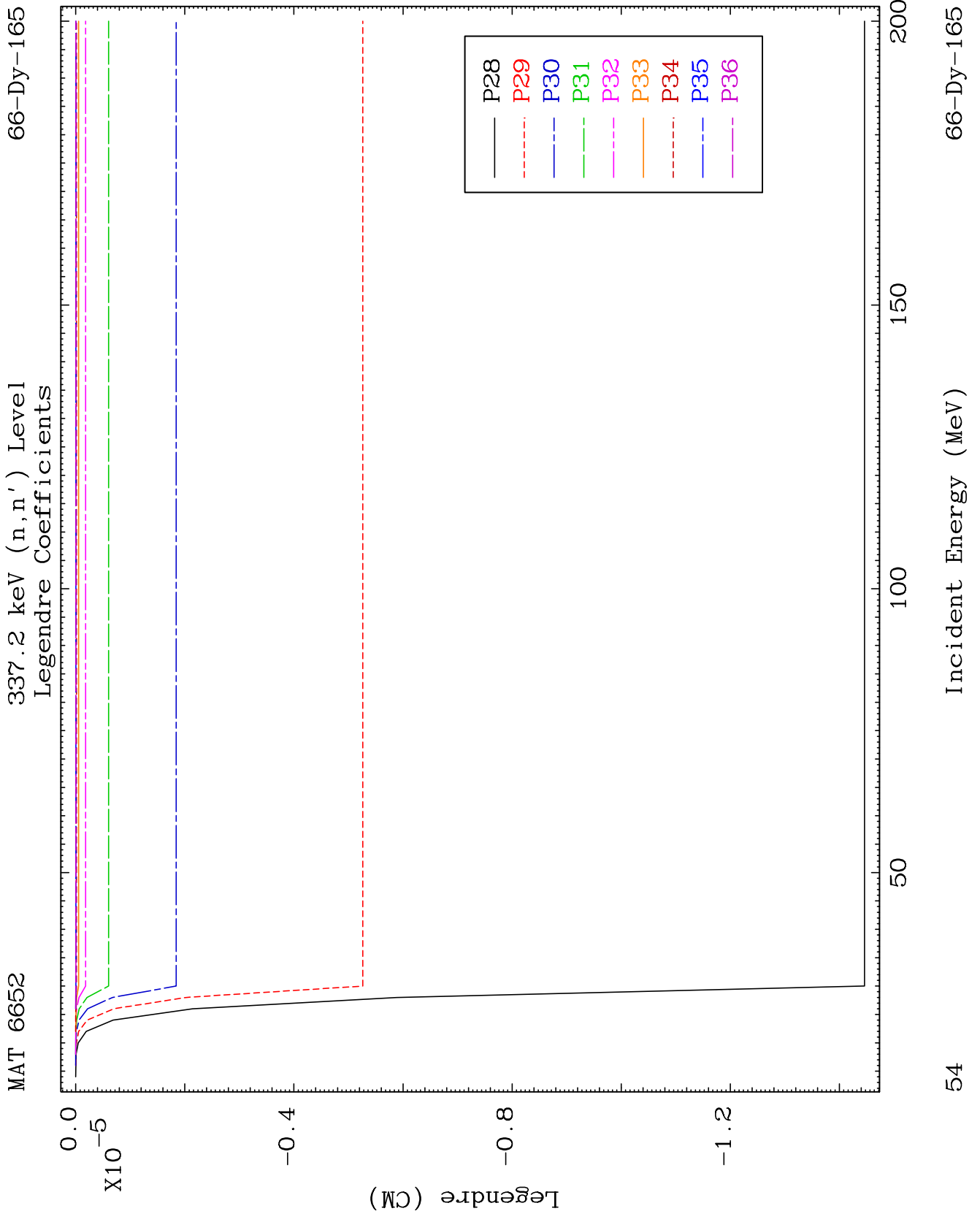
66-Dy-165



53

Incident Energy (MeV)

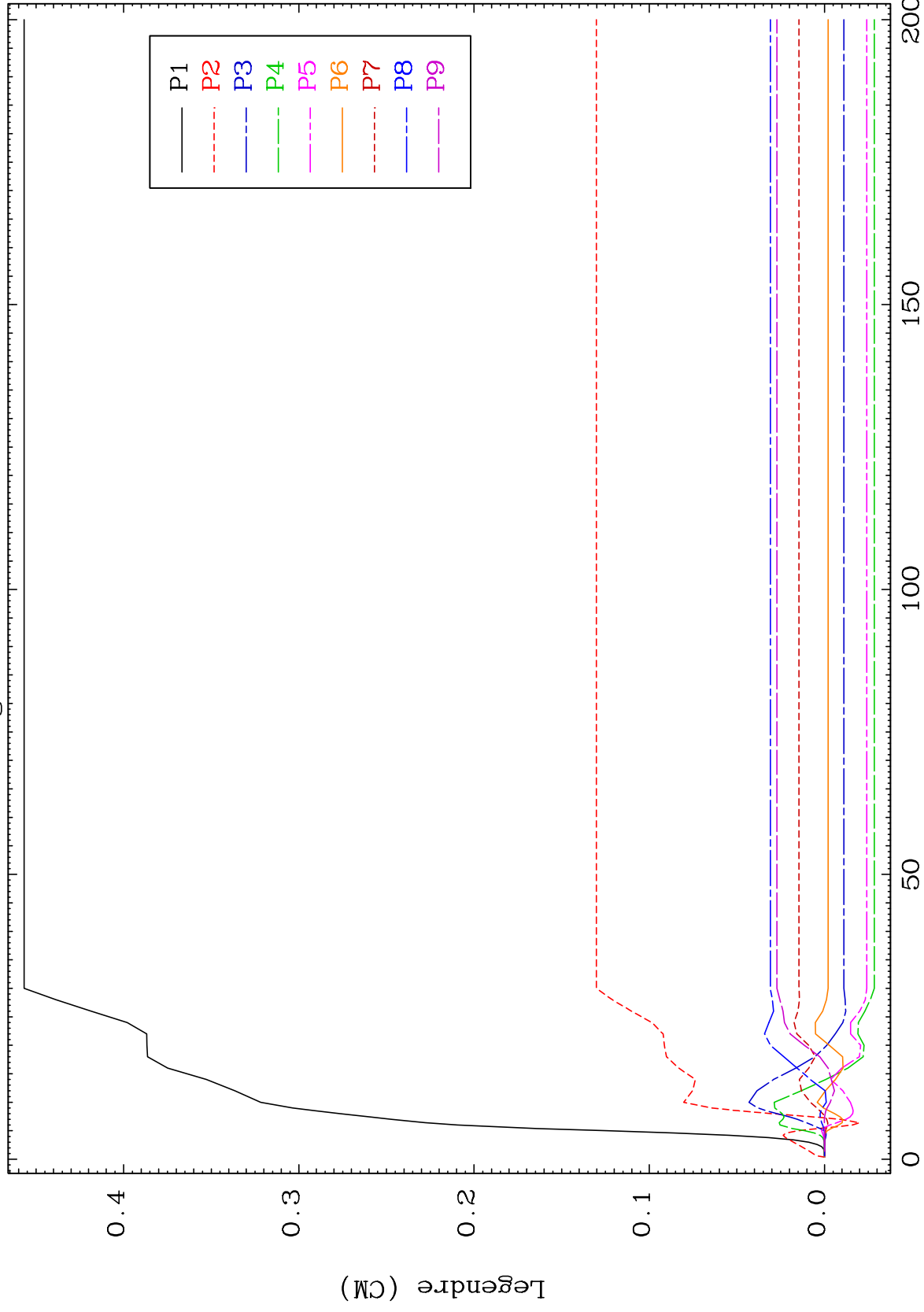
66-Dy-165



MAT 6652

360.6 keV (n,n') Level
Legendre Coefficients

66-Dy-165



55

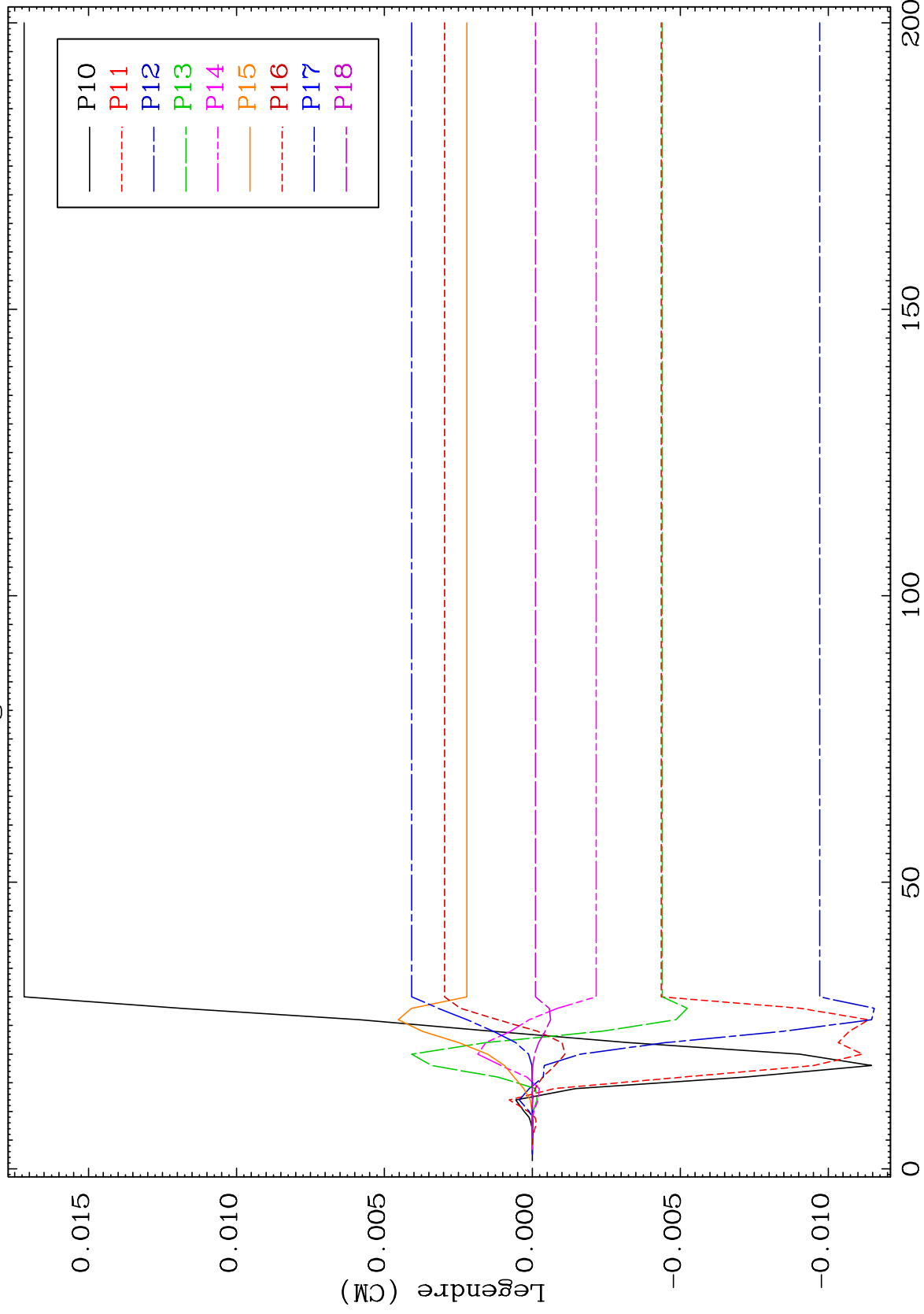
Incident Energy (MeV)

66-Dy-165

MAT 6652

360.6 keV (n,n') Level Legendre Coefficients

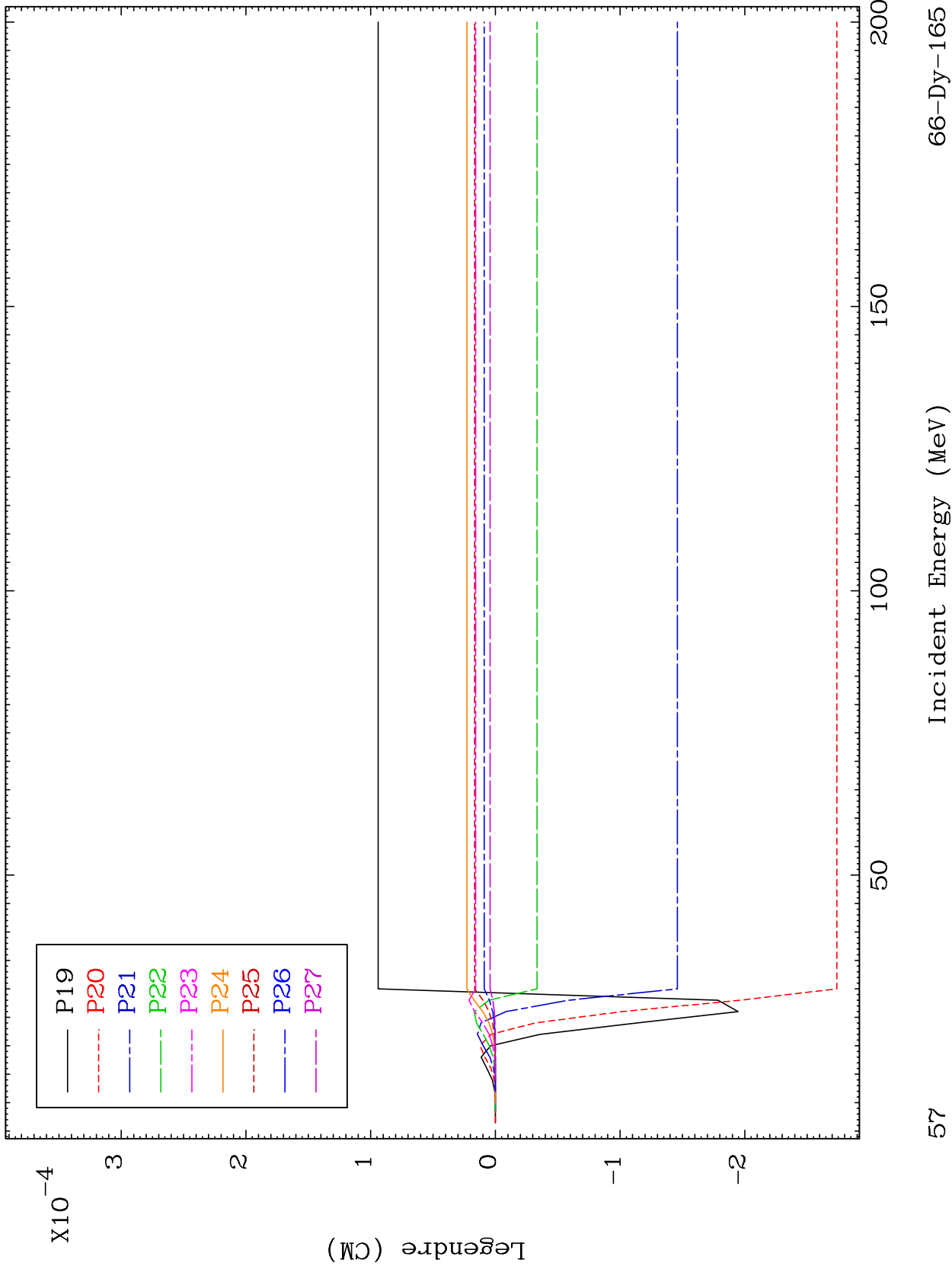
66-Dy-165

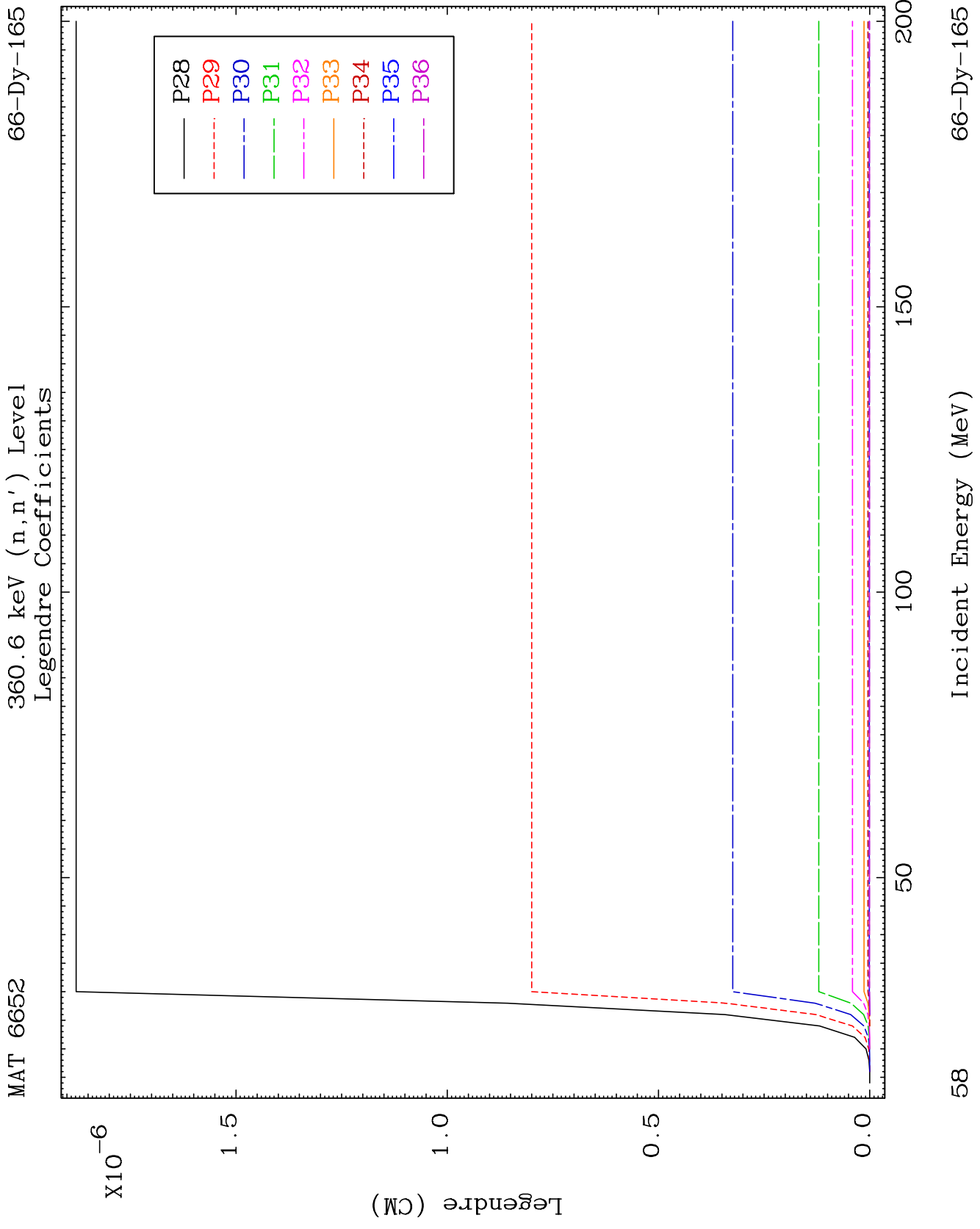


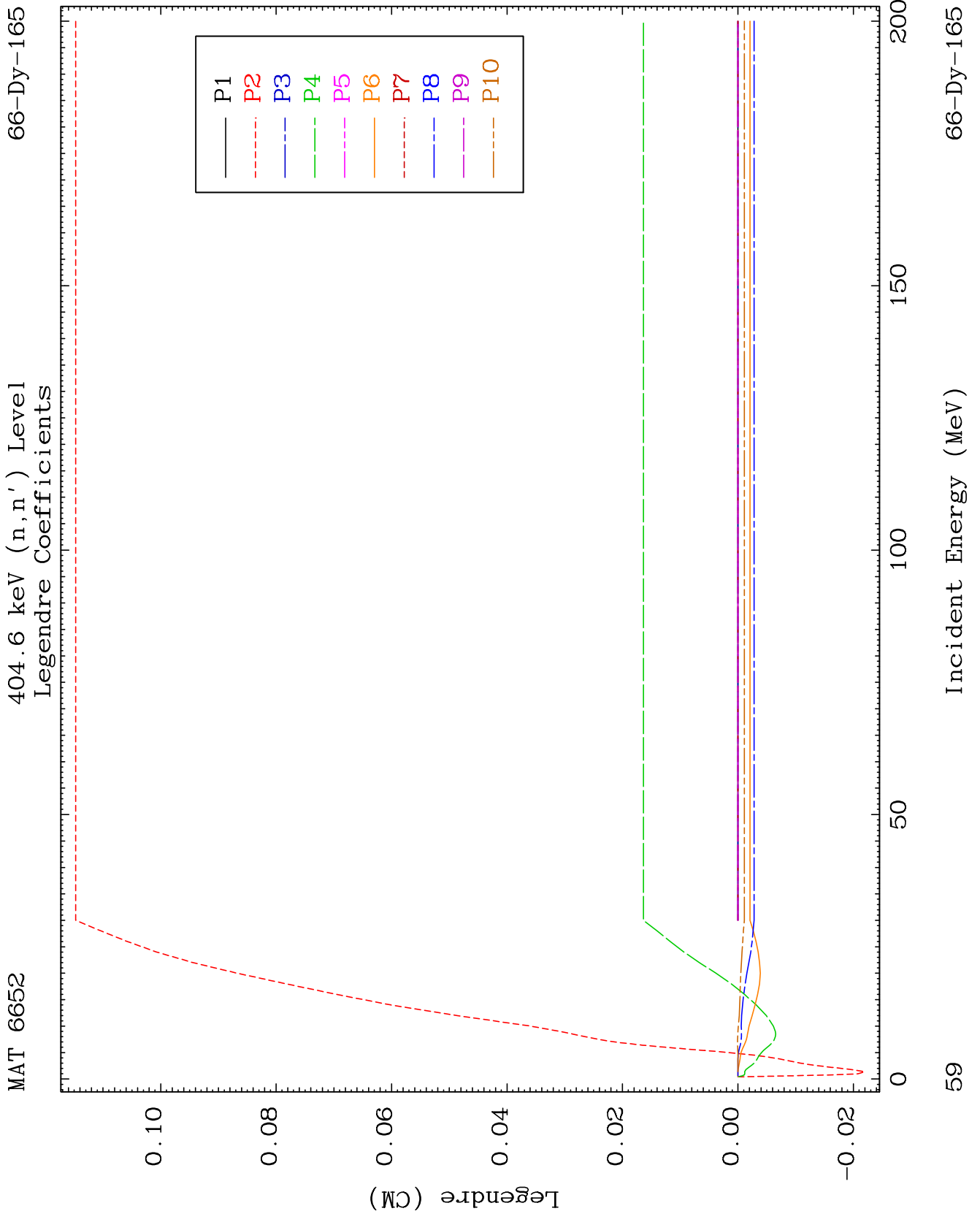
56

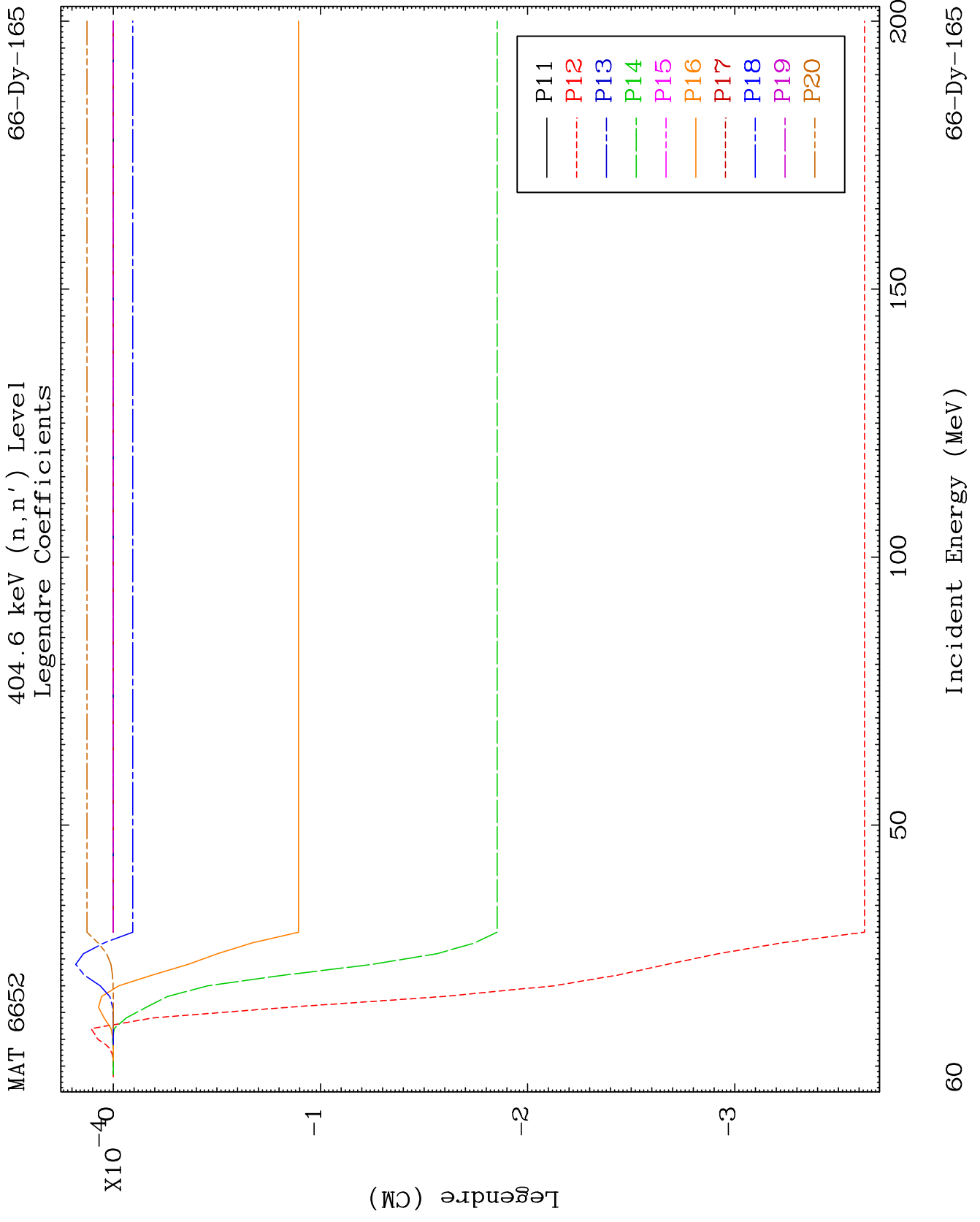
Incident Energy (MeV)

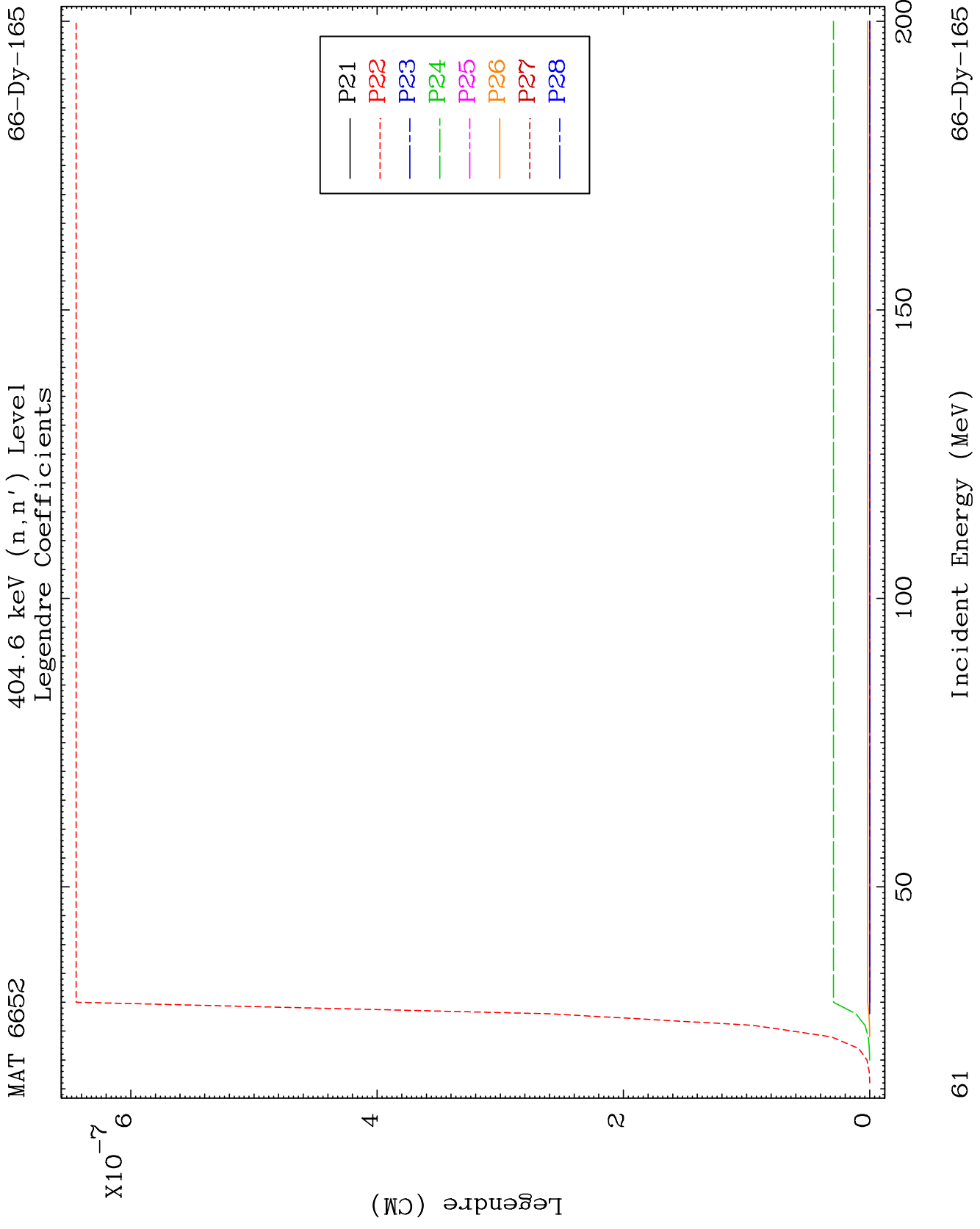
66-Dy-165







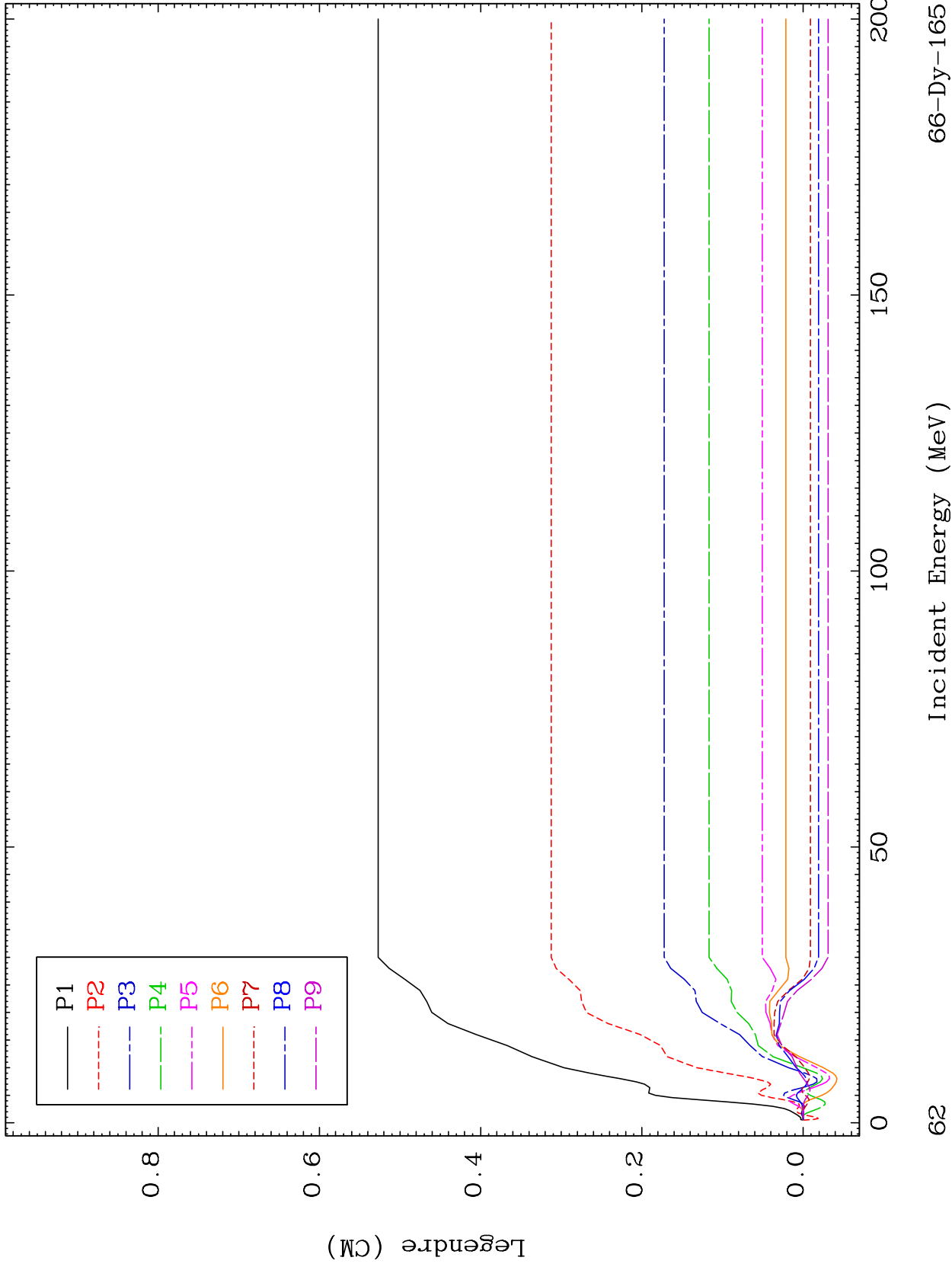




MAT 6652

480.0 keV (n,n') Level
Legendre Coefficients

66-Dy-165



66-Dy-165

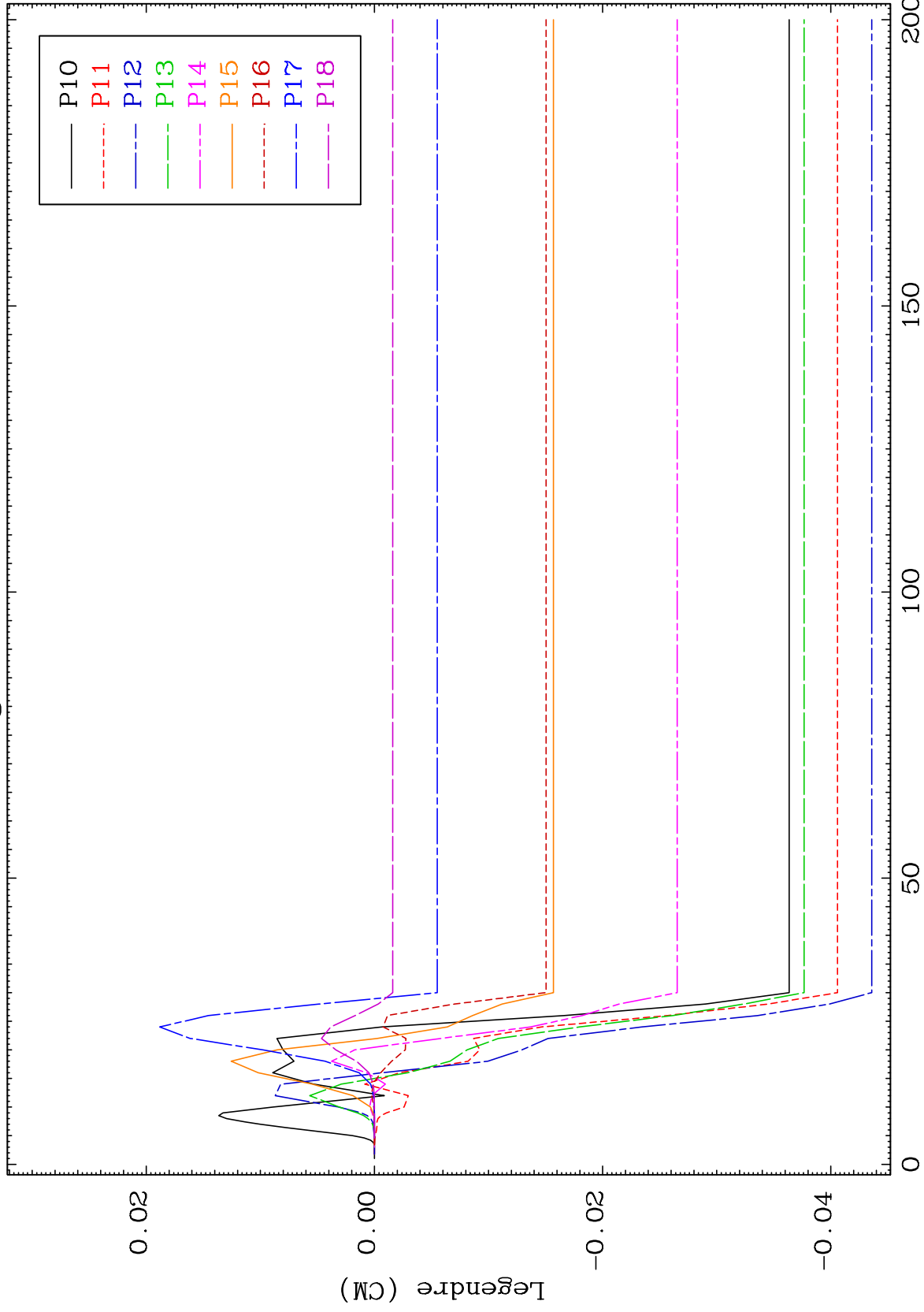
Incident Energy (MeV)

62

MAT 6652

480.0 keV (n,n') Level
Legendre Coefficients

66-Dy-165



63

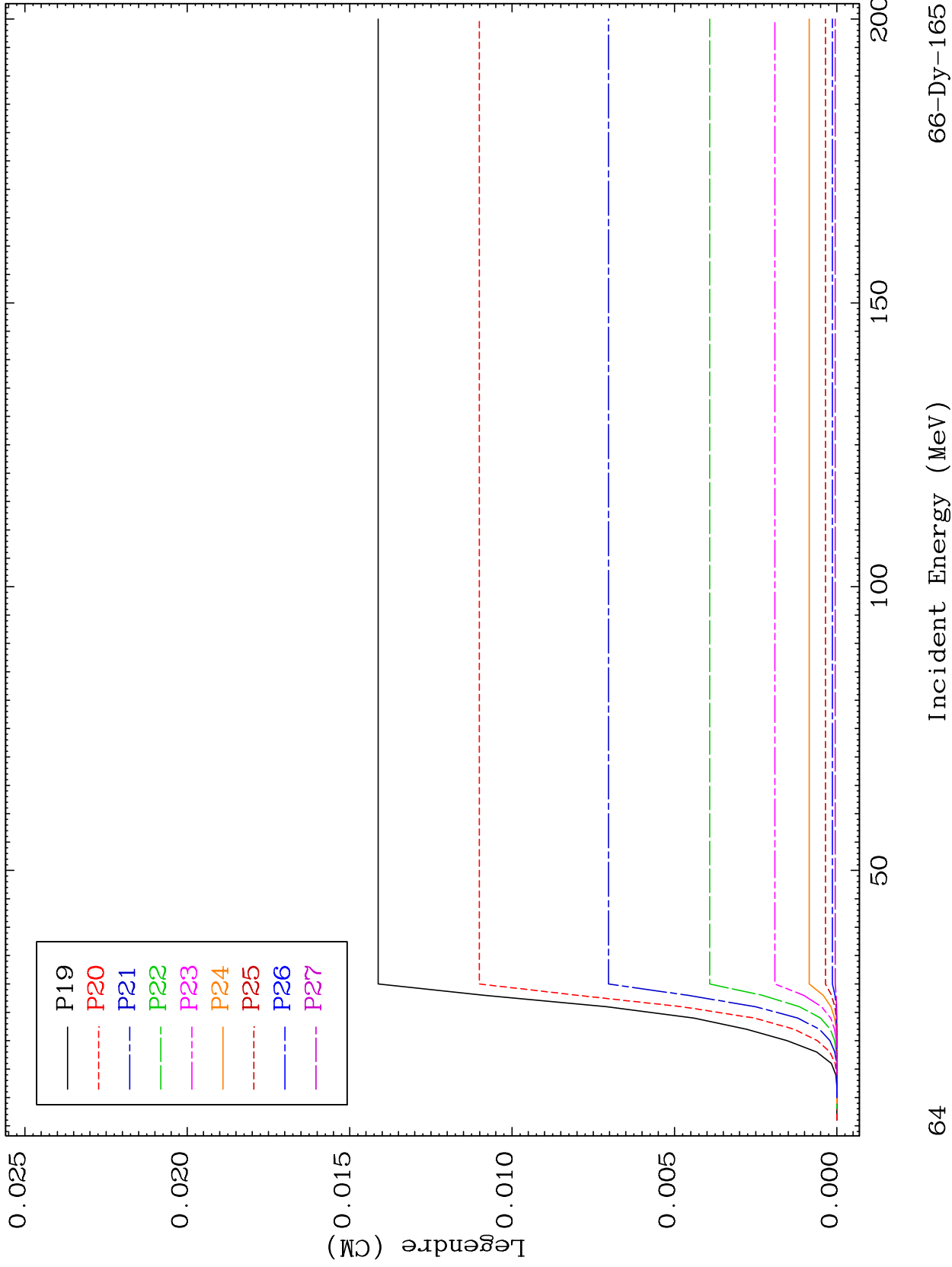
Incident Energy (MeV)

66-Dy-165

MAT 6652

480.0 keV (n,n') Level
Legendre Coefficients

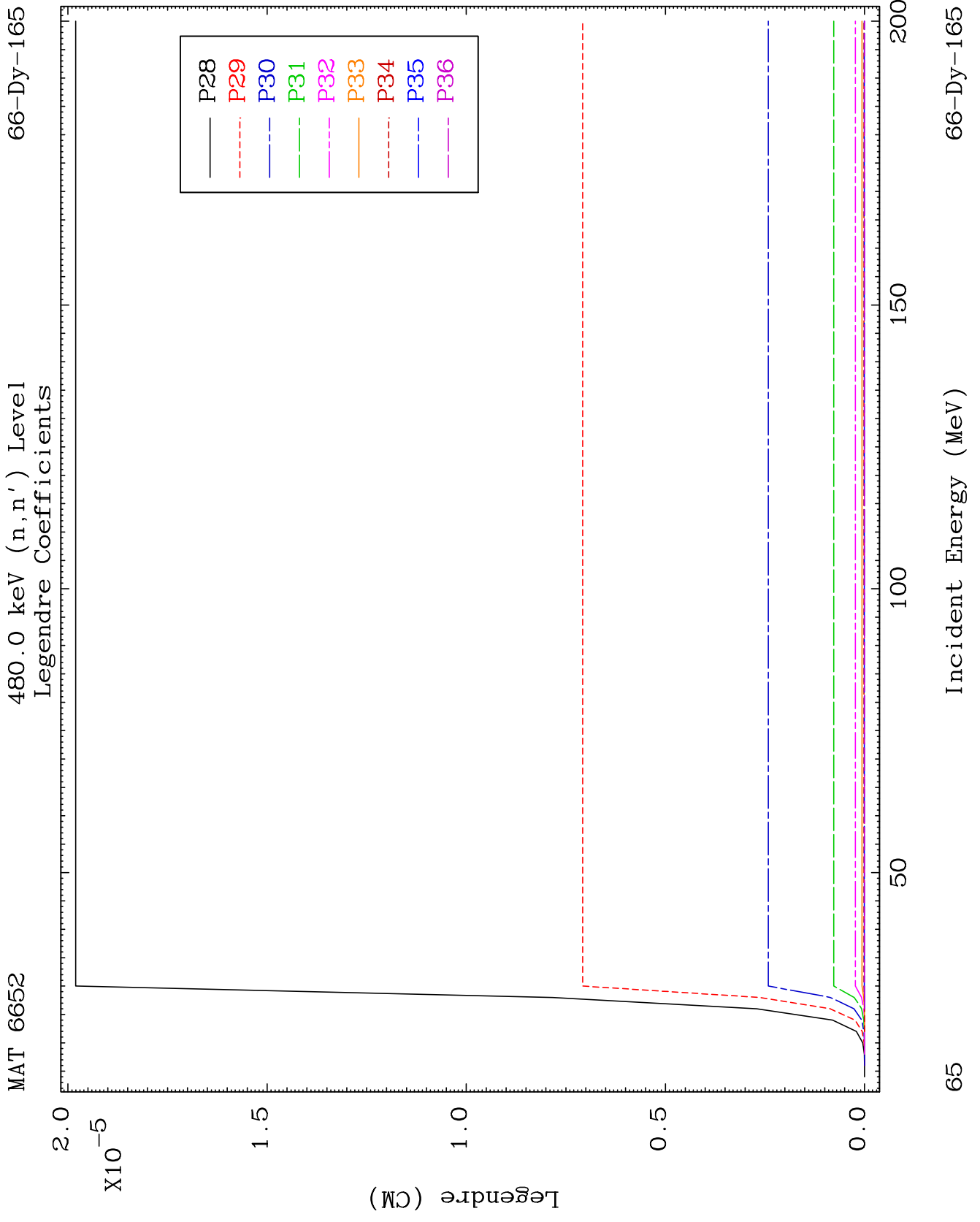
66-Dy-165

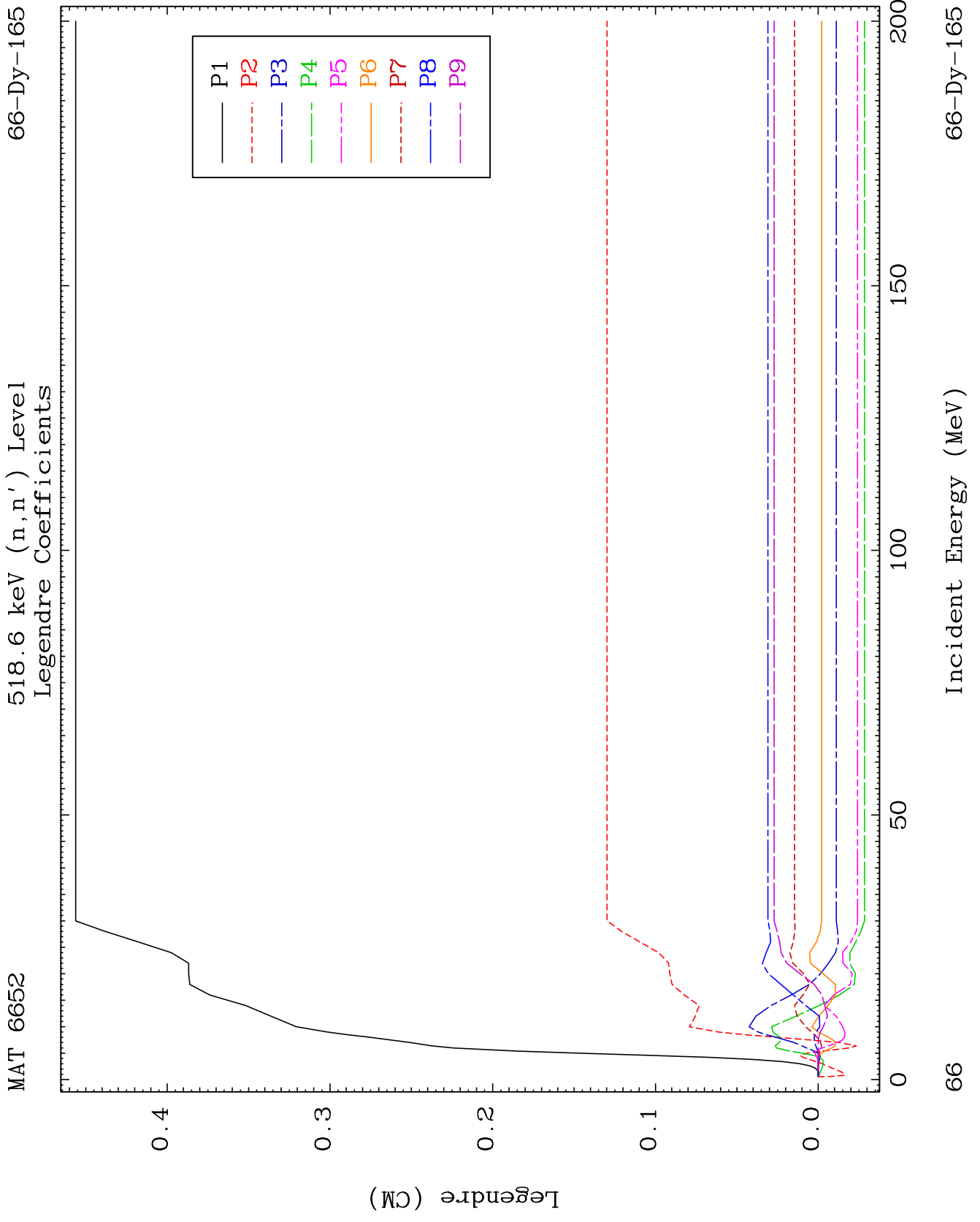


64

Incident Energy (MeV)

66-Dy-165

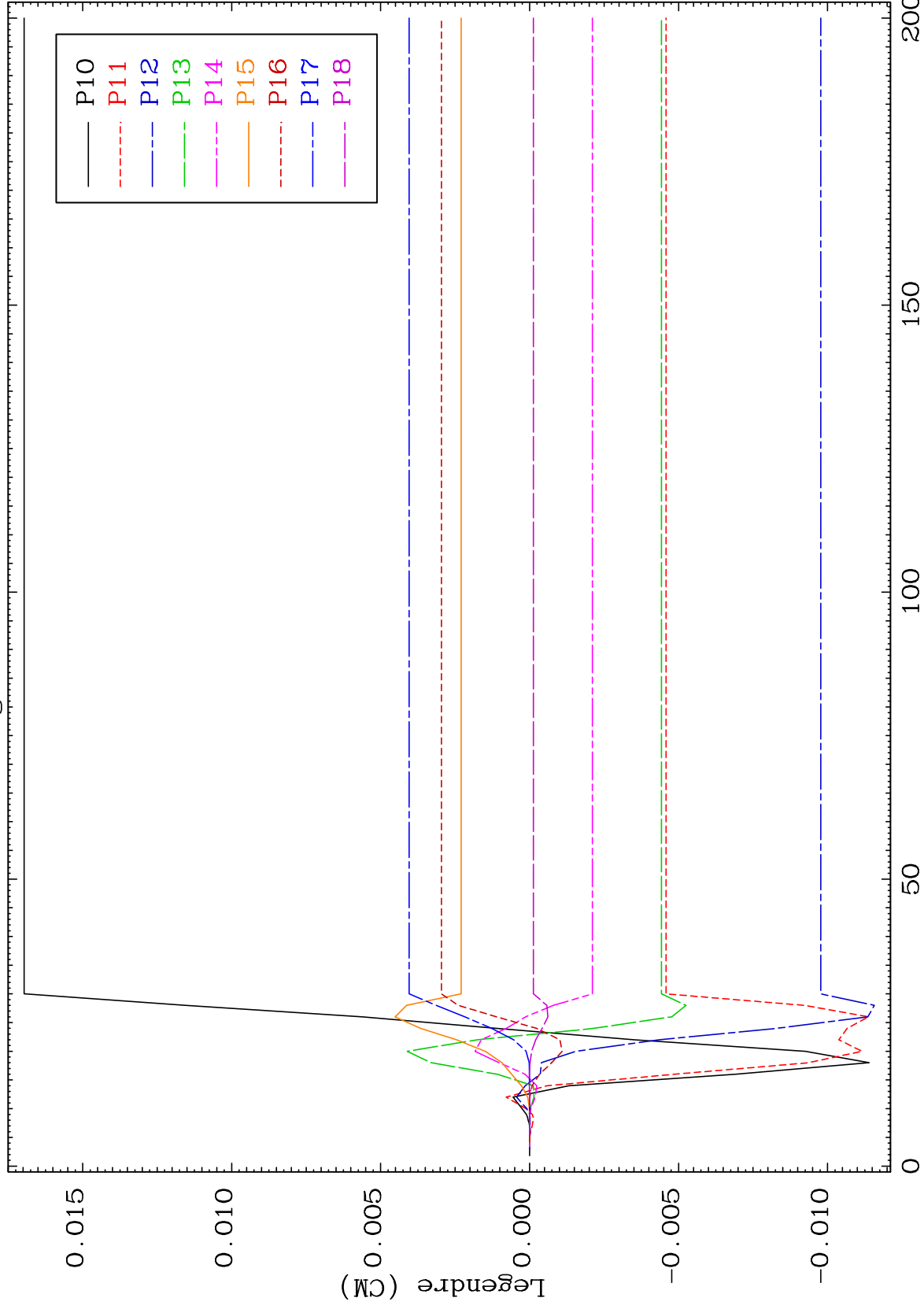




MAT 6652

518.6 keV (n,n') Level
Legendre Coefficients

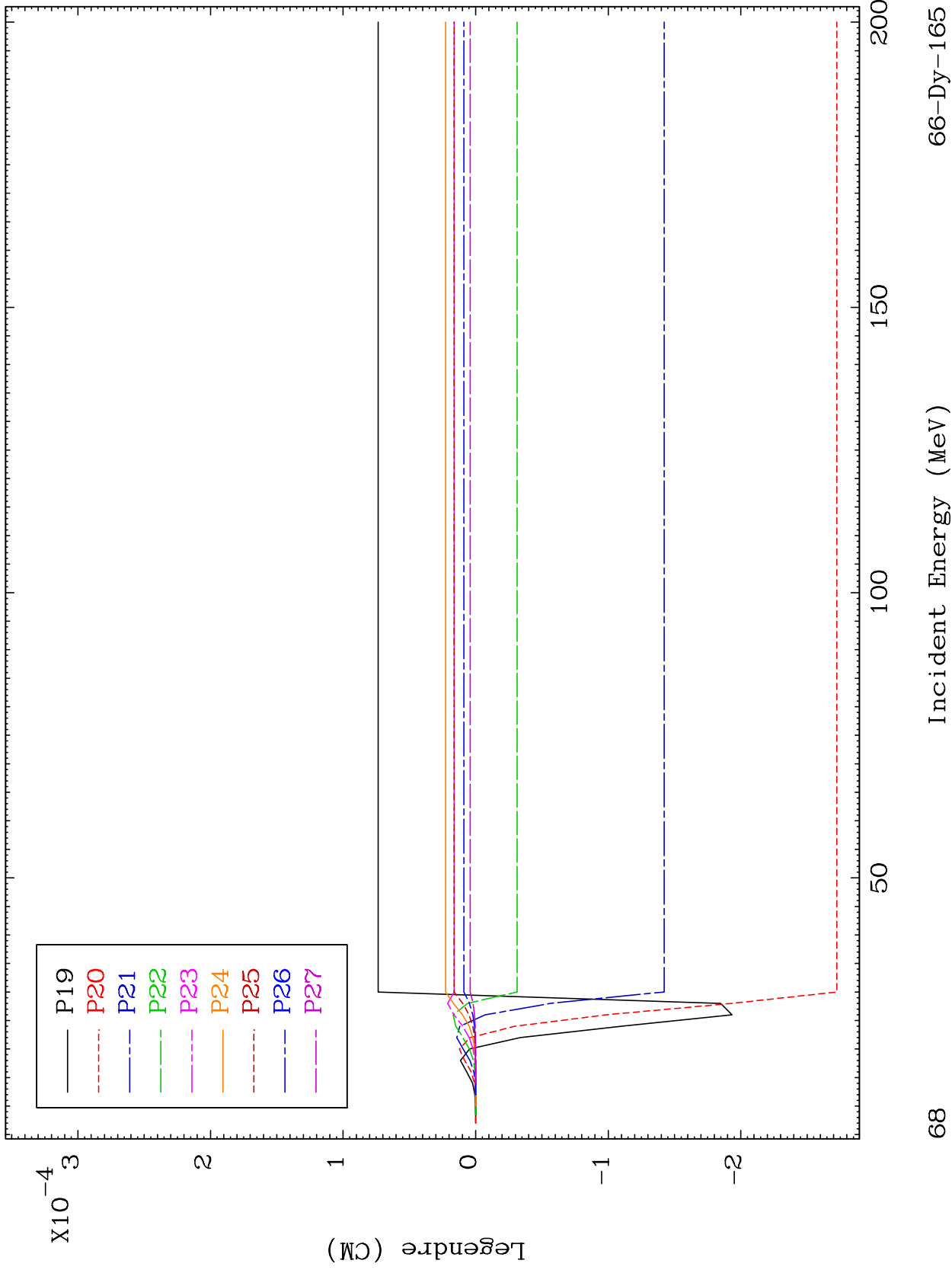
66-Dy-165

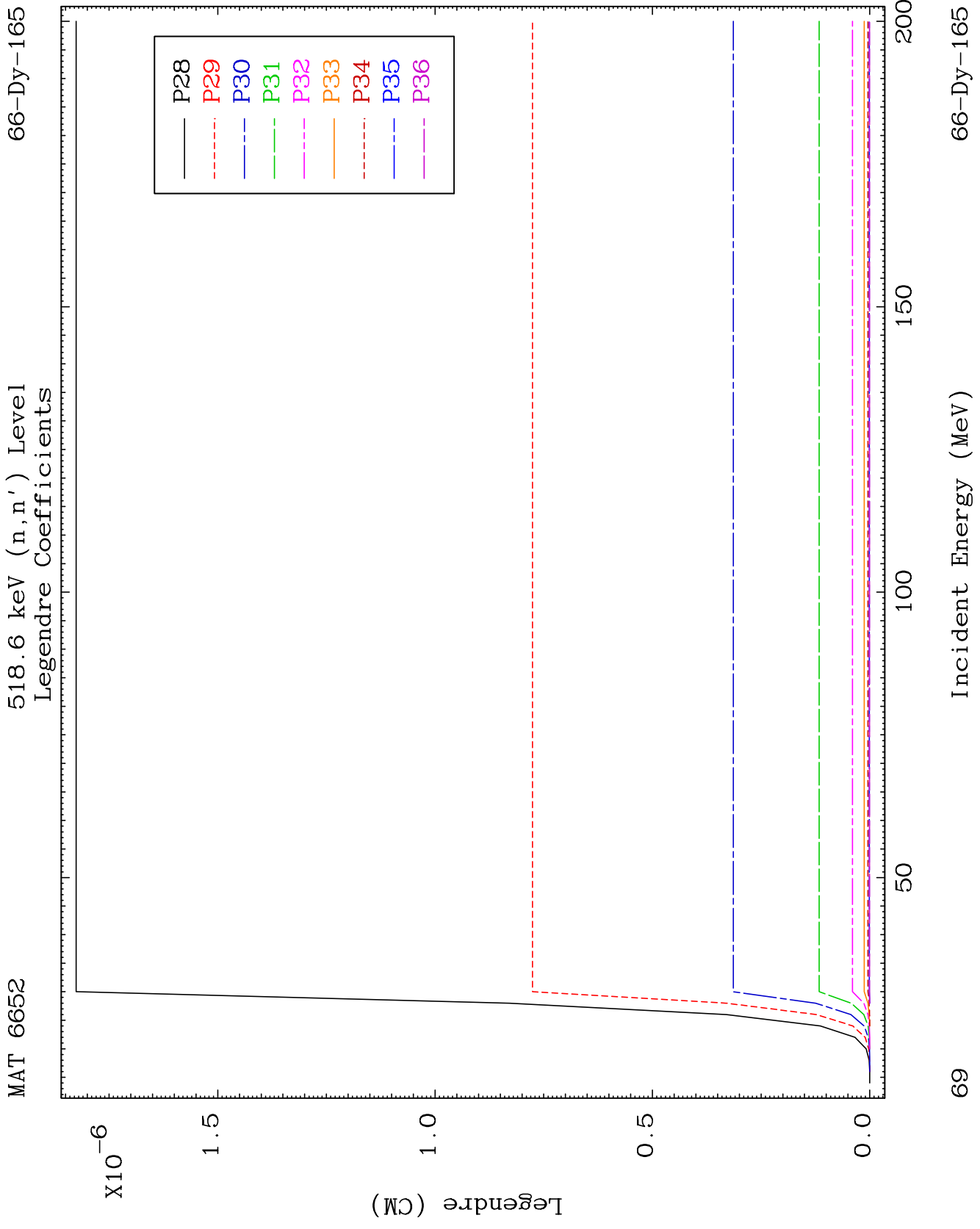


67

Incident Energy (MeV)

66-Dy-165

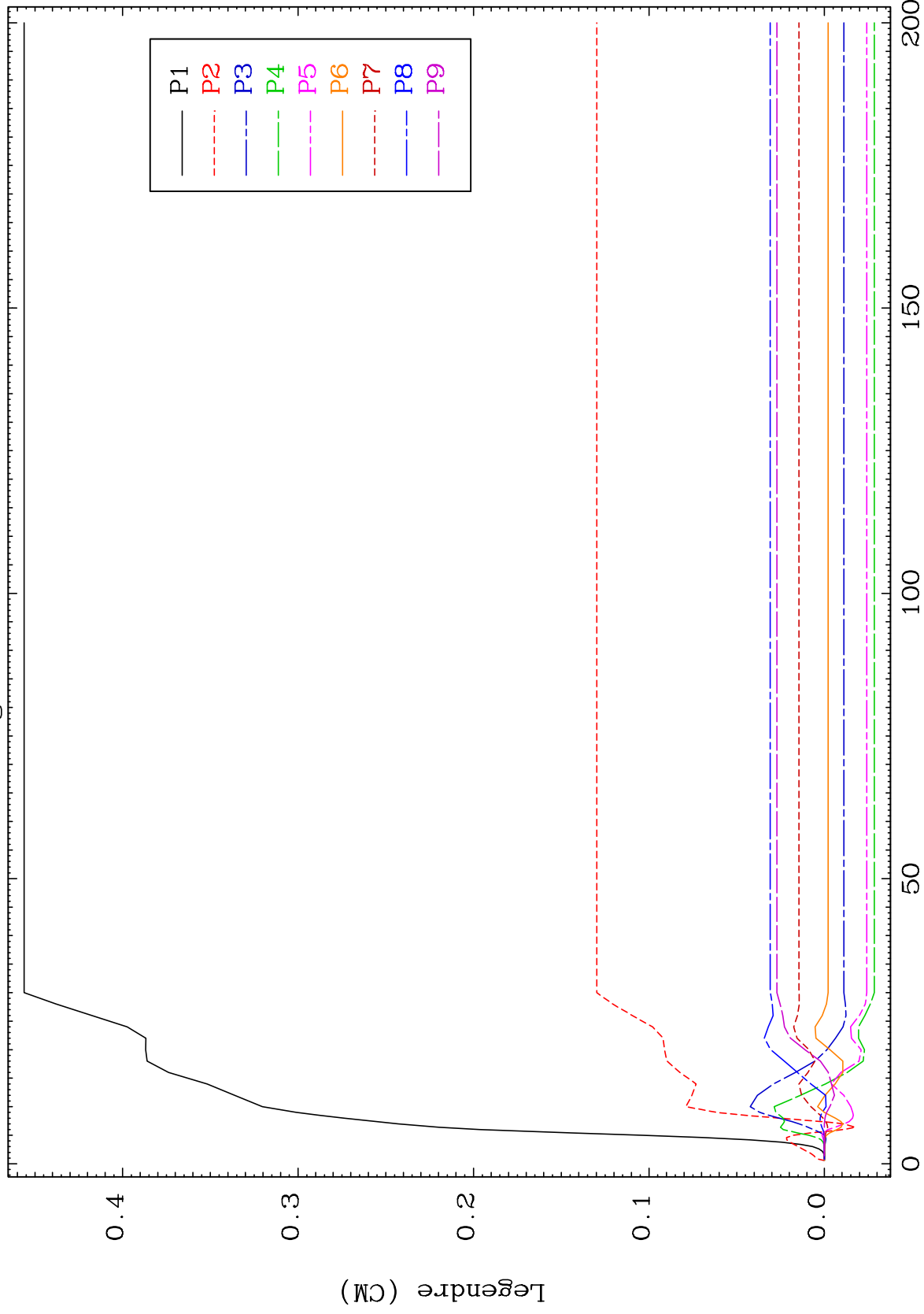




MAT 6652

533.5 keV (n,n') Level
Legendre Coefficients

66-Dy-165



73

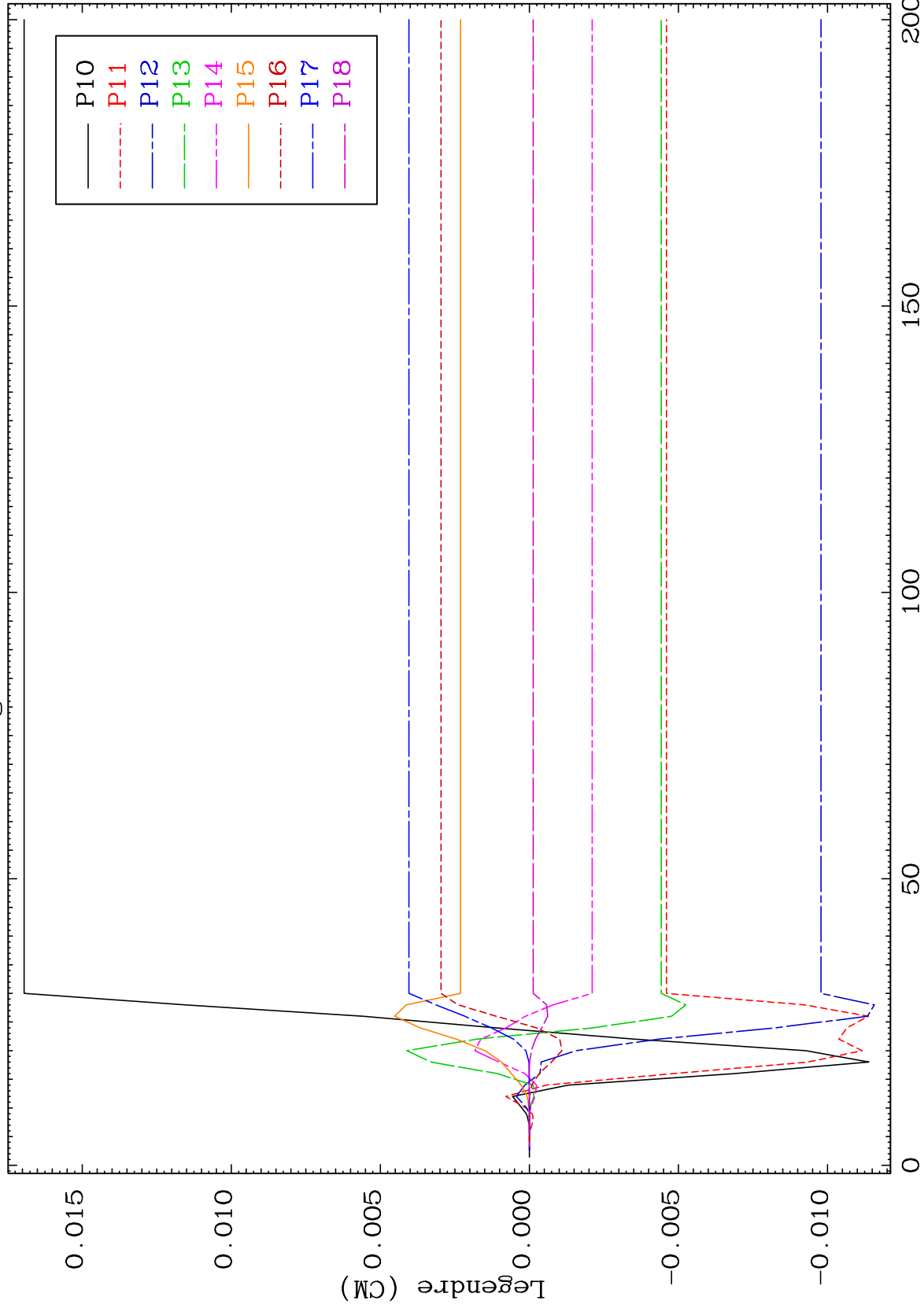
Incident Energy (MeV)

66-Dy-165

MAT 6652

533.5 keV (n,n') Level
Legendre Coefficients

66-Dy-165



74

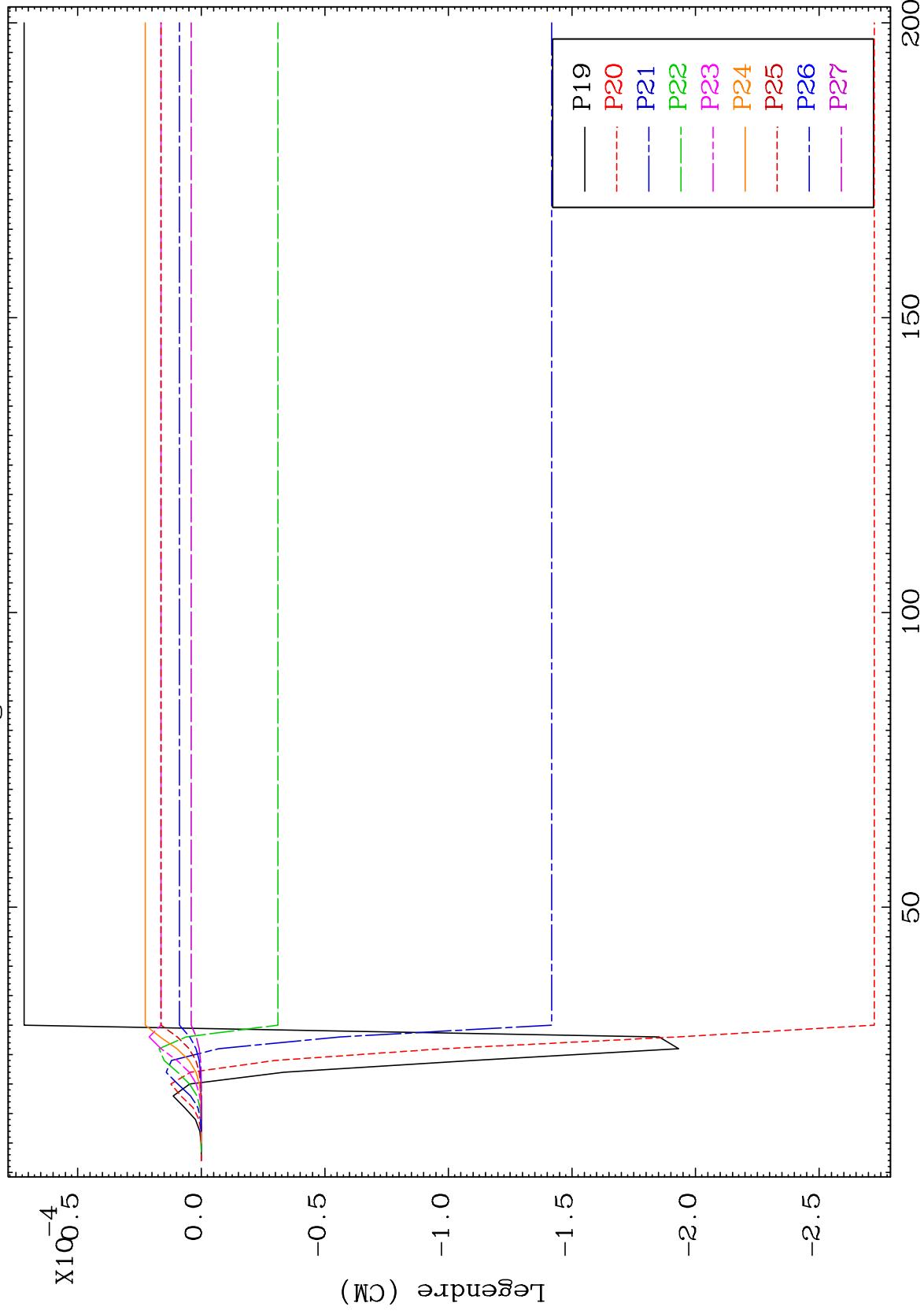
Incident Energy (MeV)

66-Dy-165

MAT 6652

533.5 keV (n,n') Level
Legendre Coefficients

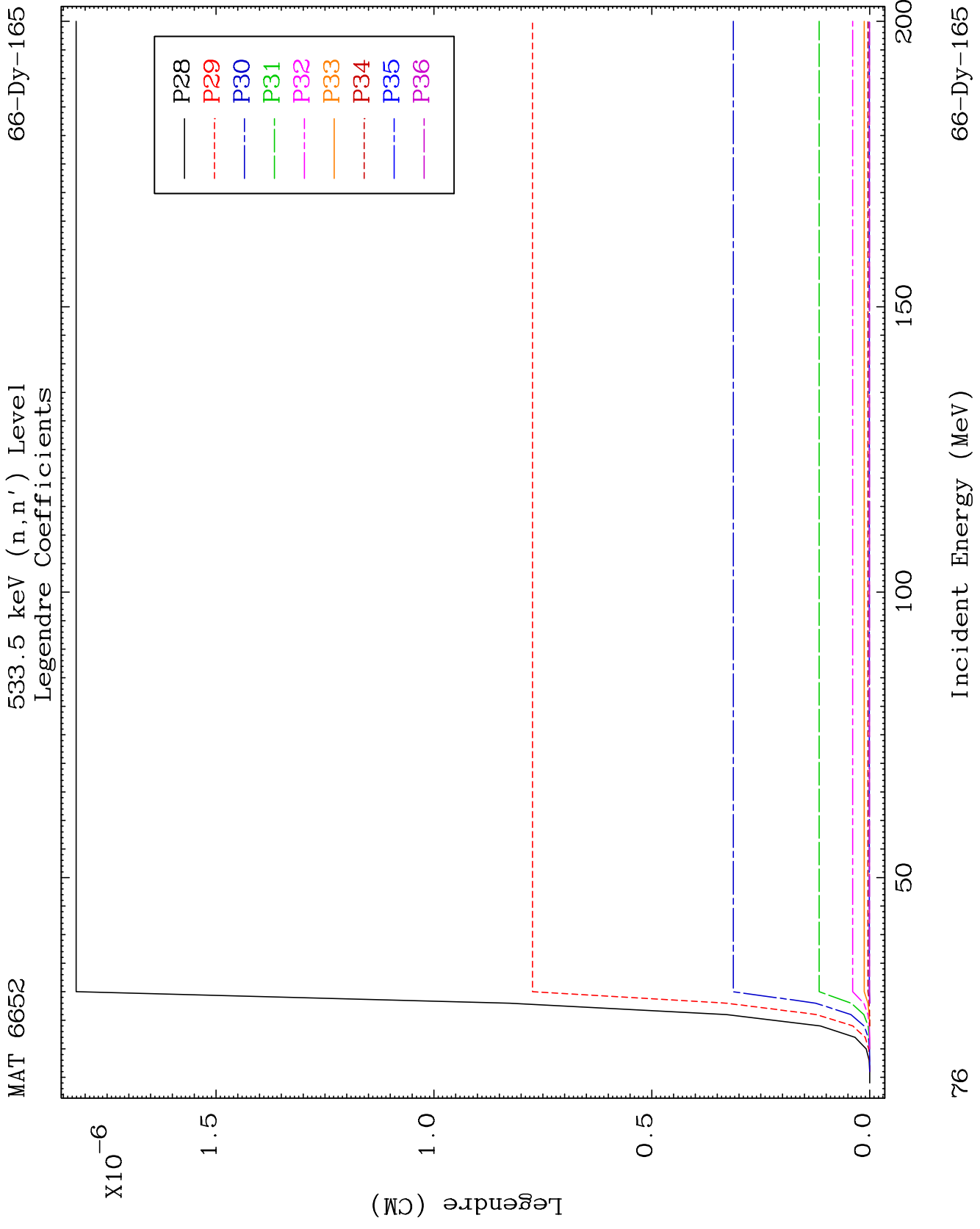
66-Dy-165

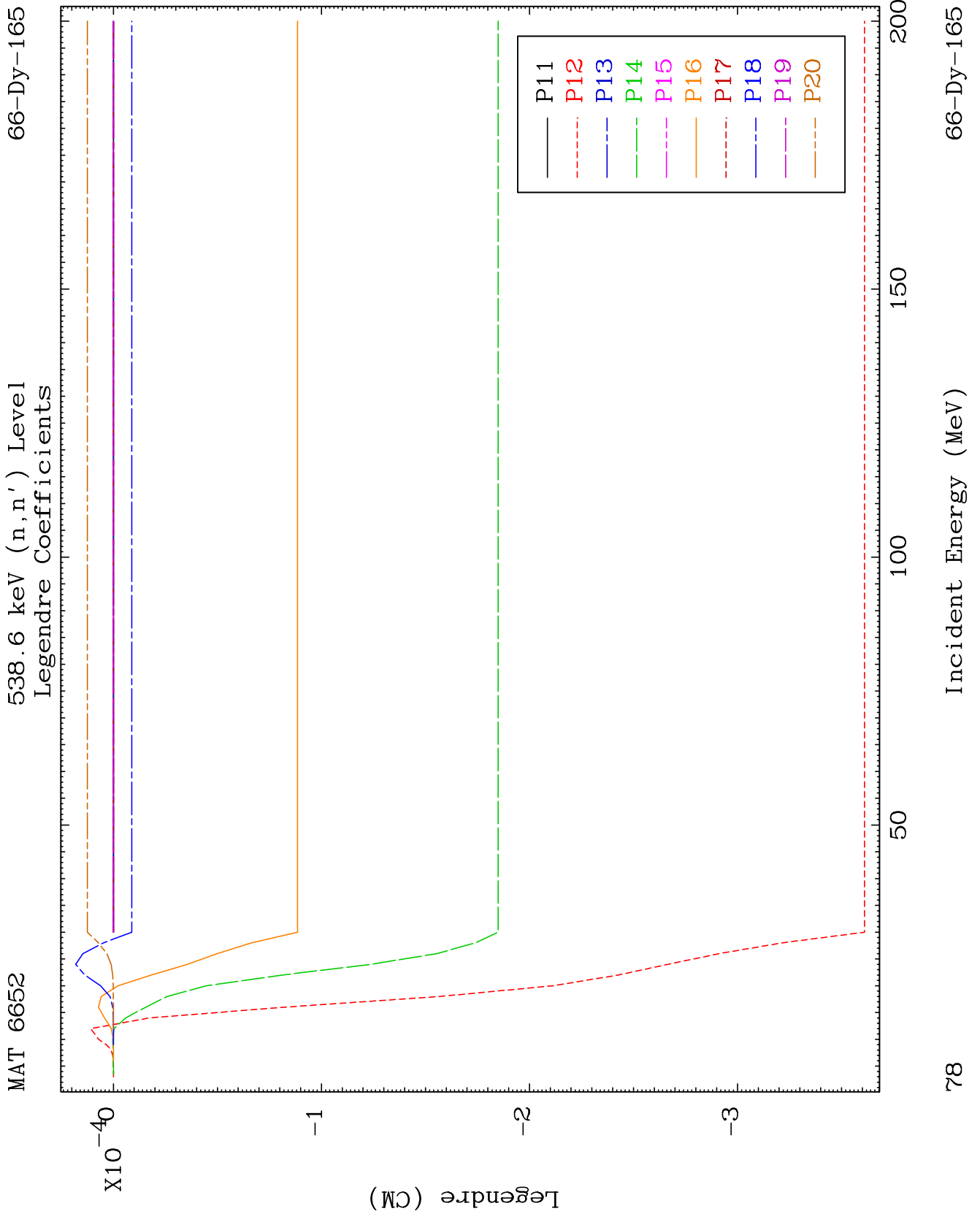


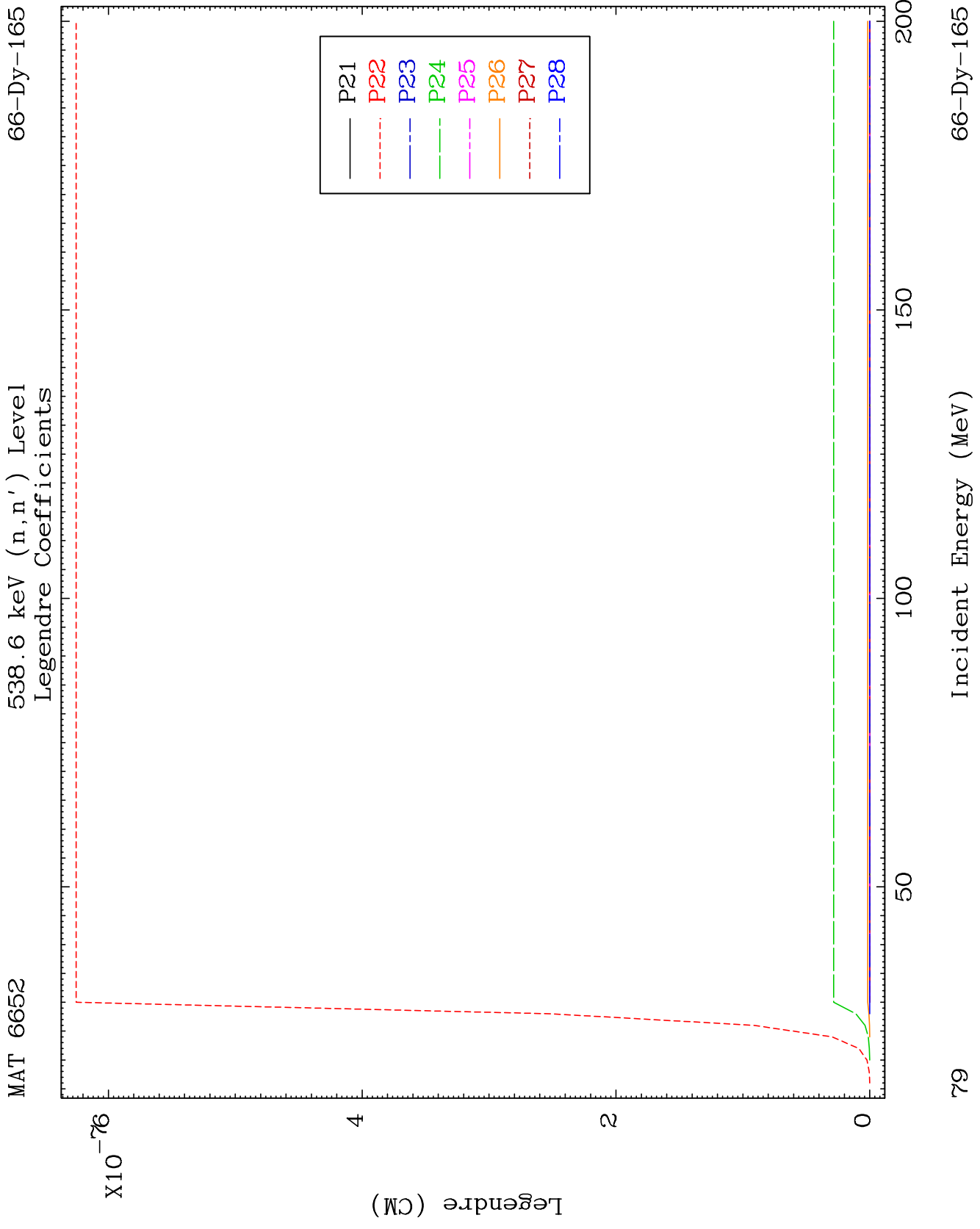
75

Incident Energy (MeV)

66-Dy-165



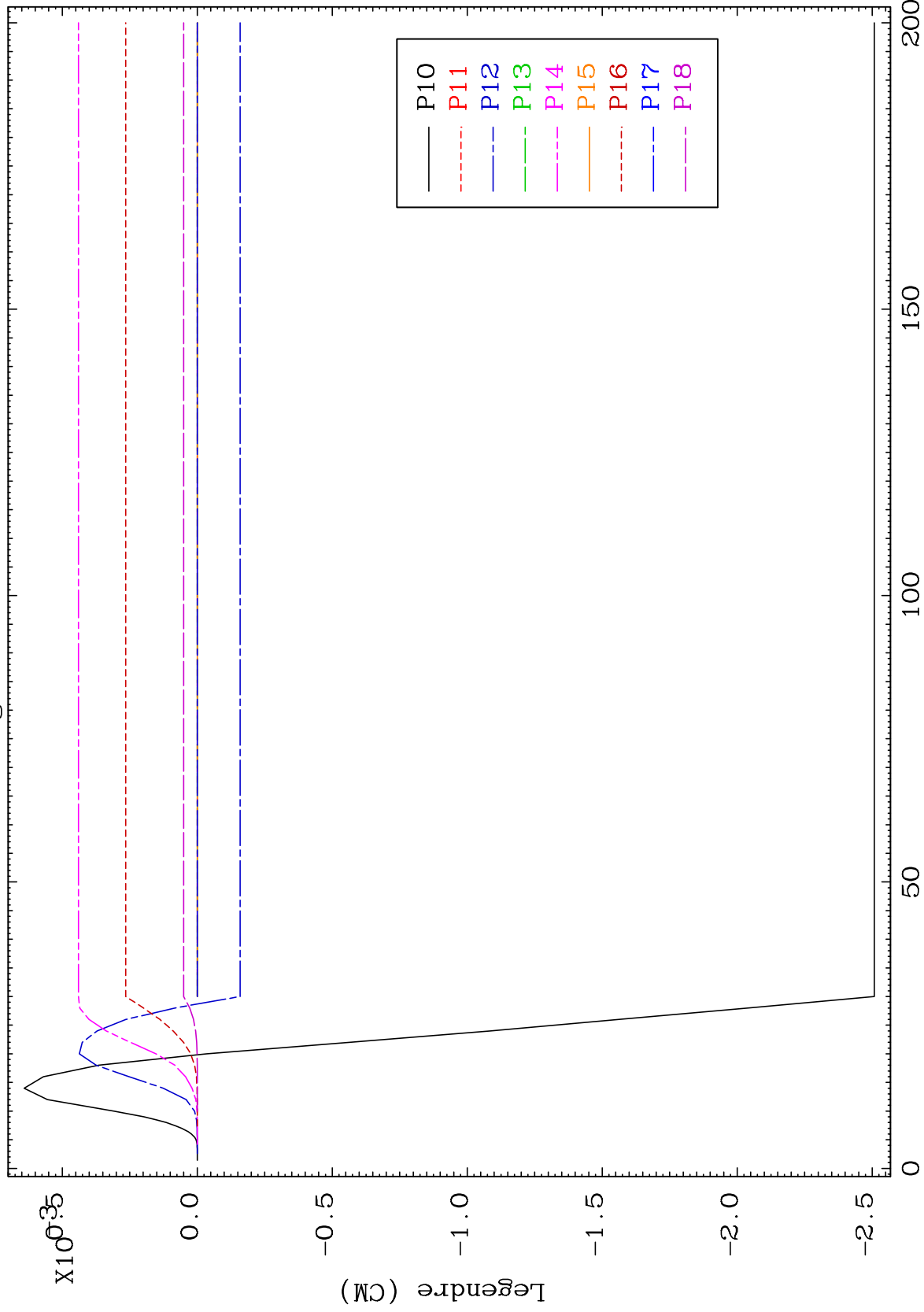




MAT 6652

570.3 keV (n,n') Level
Legendre Coefficients

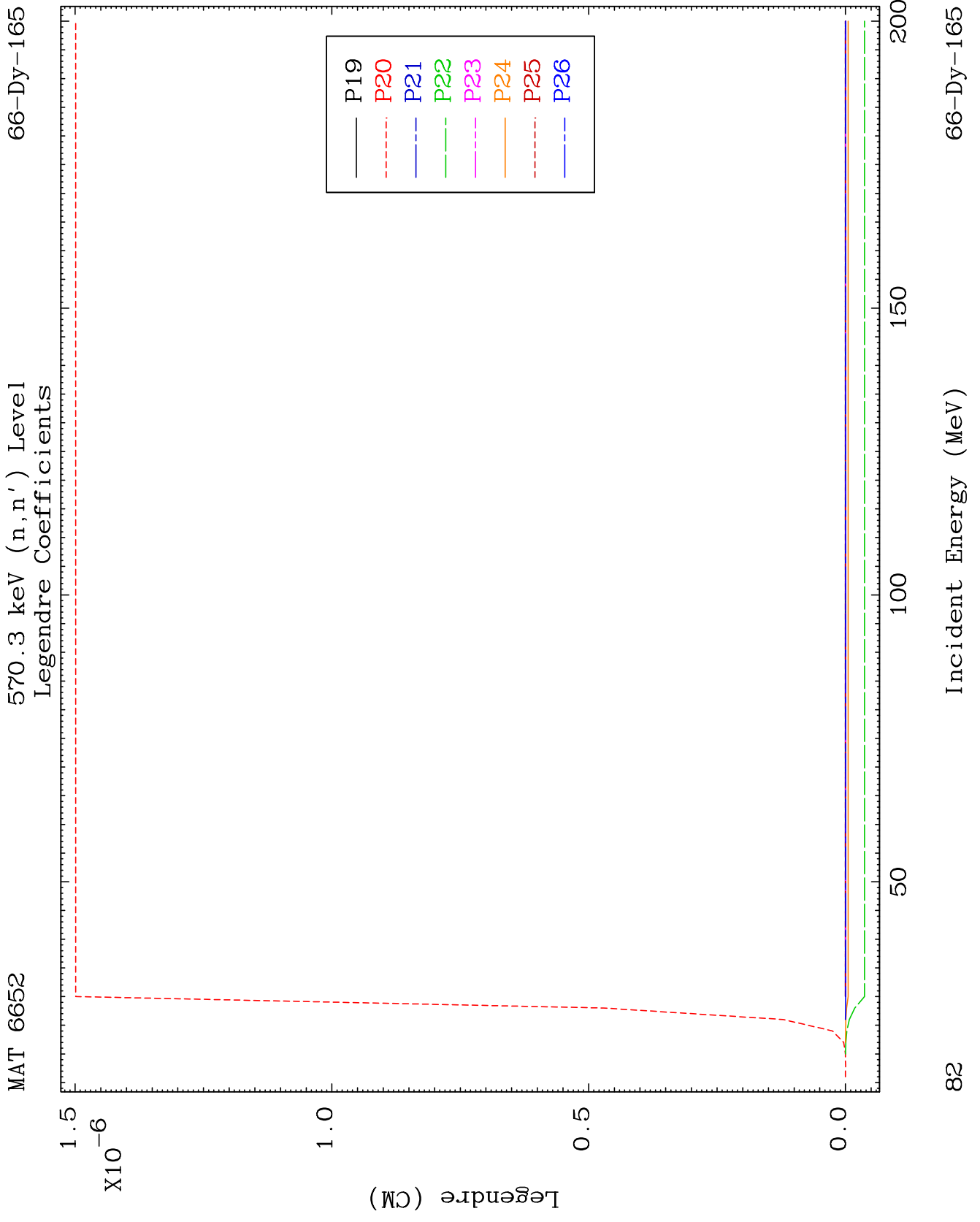
66-Dy-165

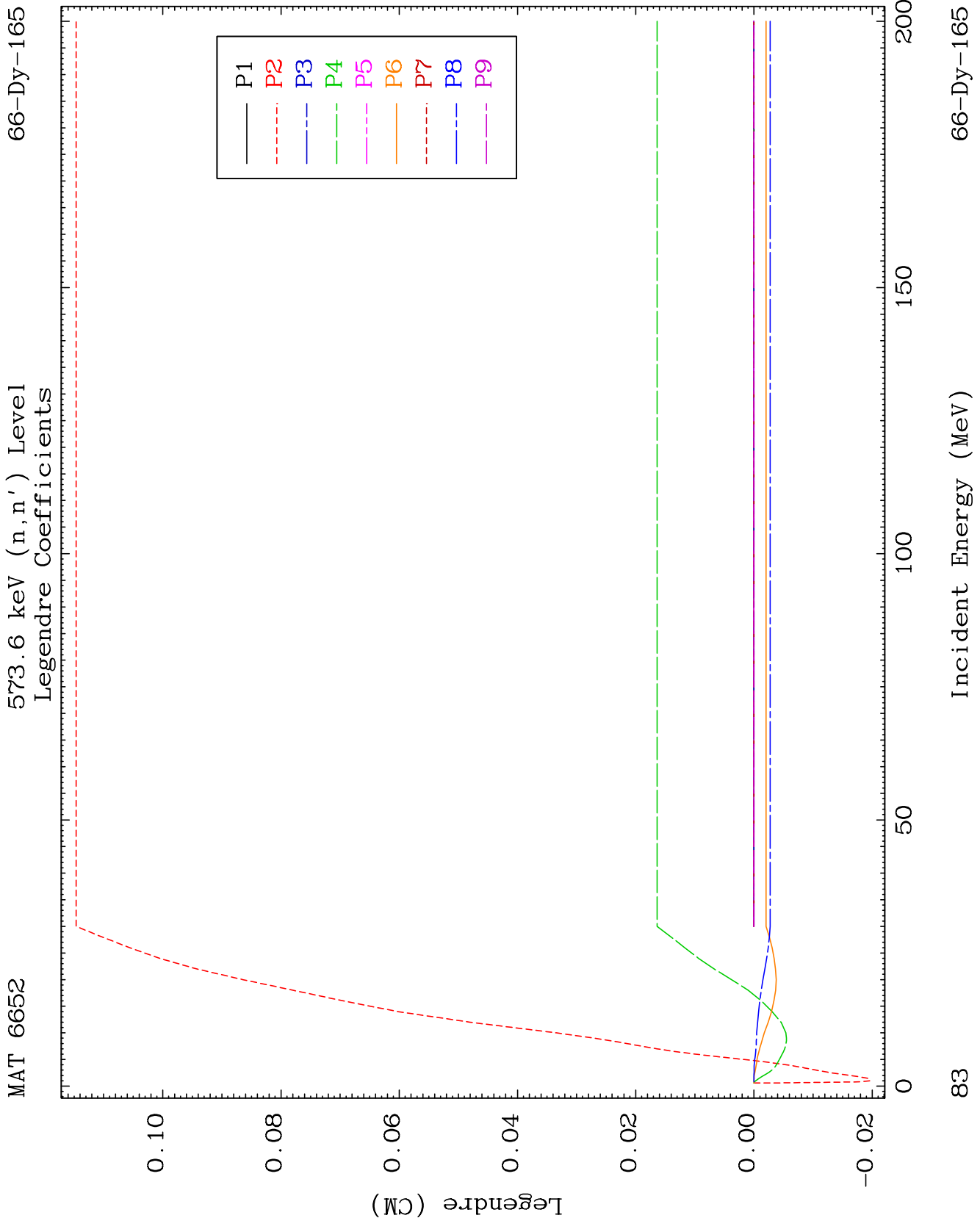


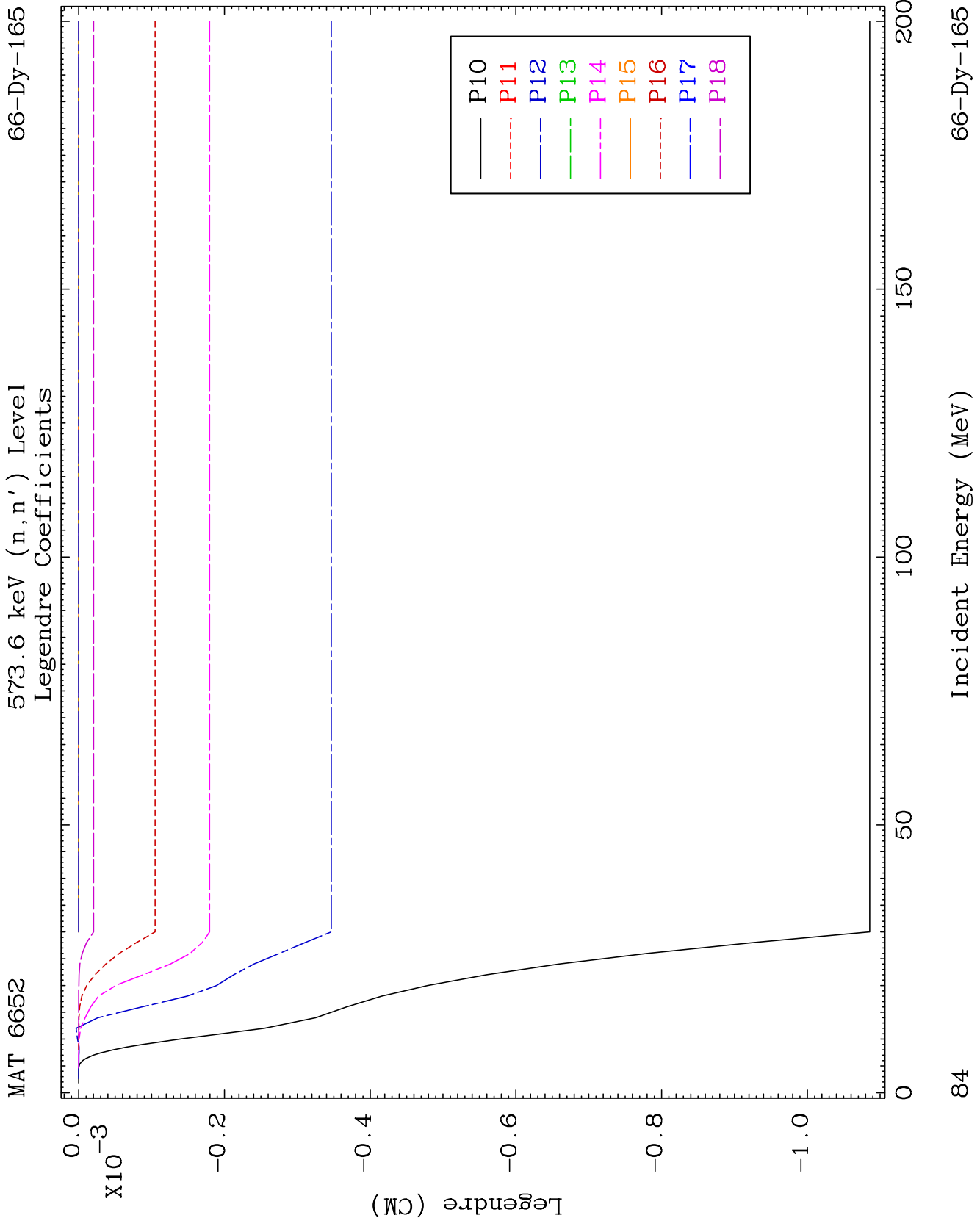
81

Incident Energy (MeV)

66-Dy-165



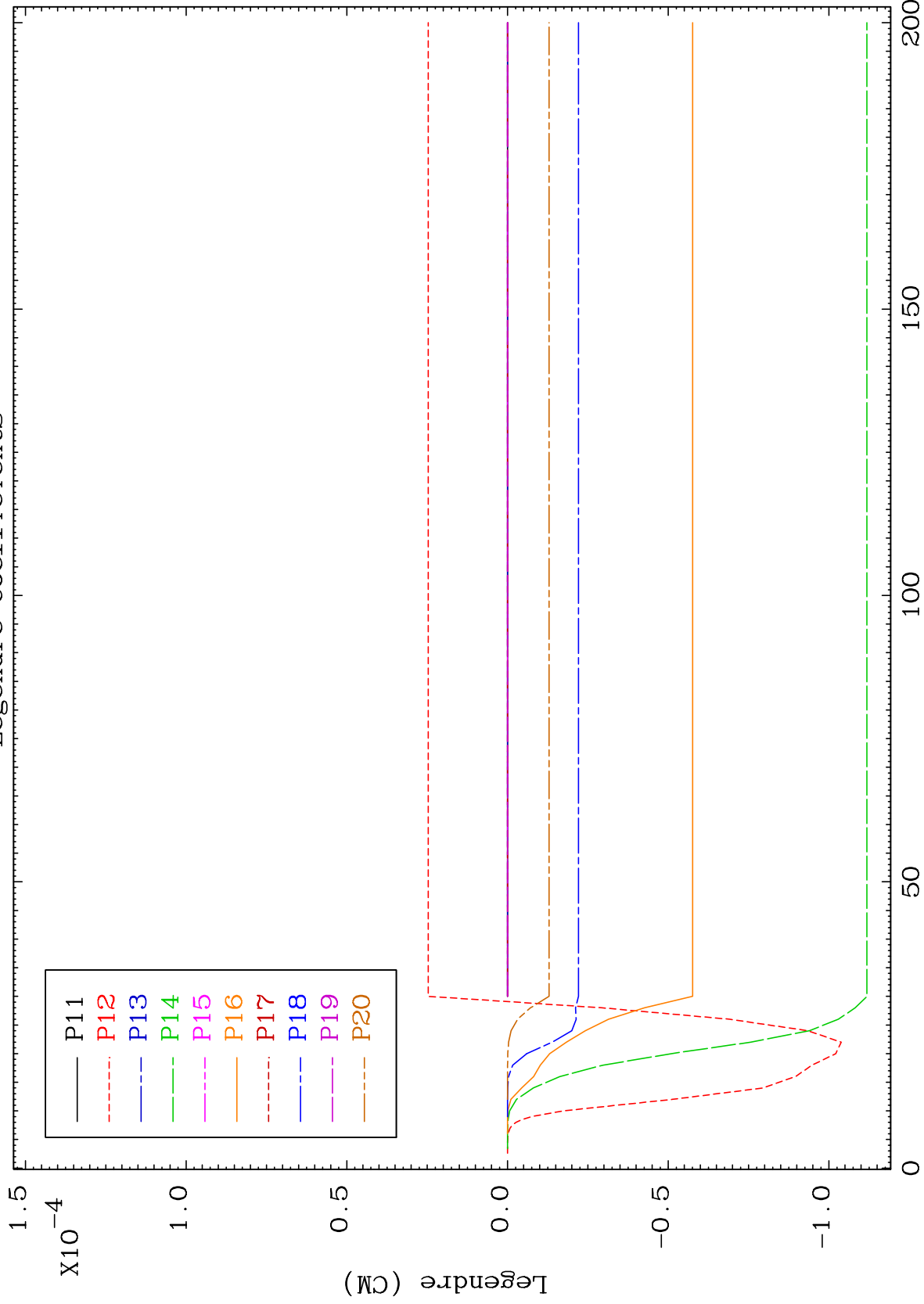




MAT 6652

584.0 keV (n,n') Level
Legendre Coefficients

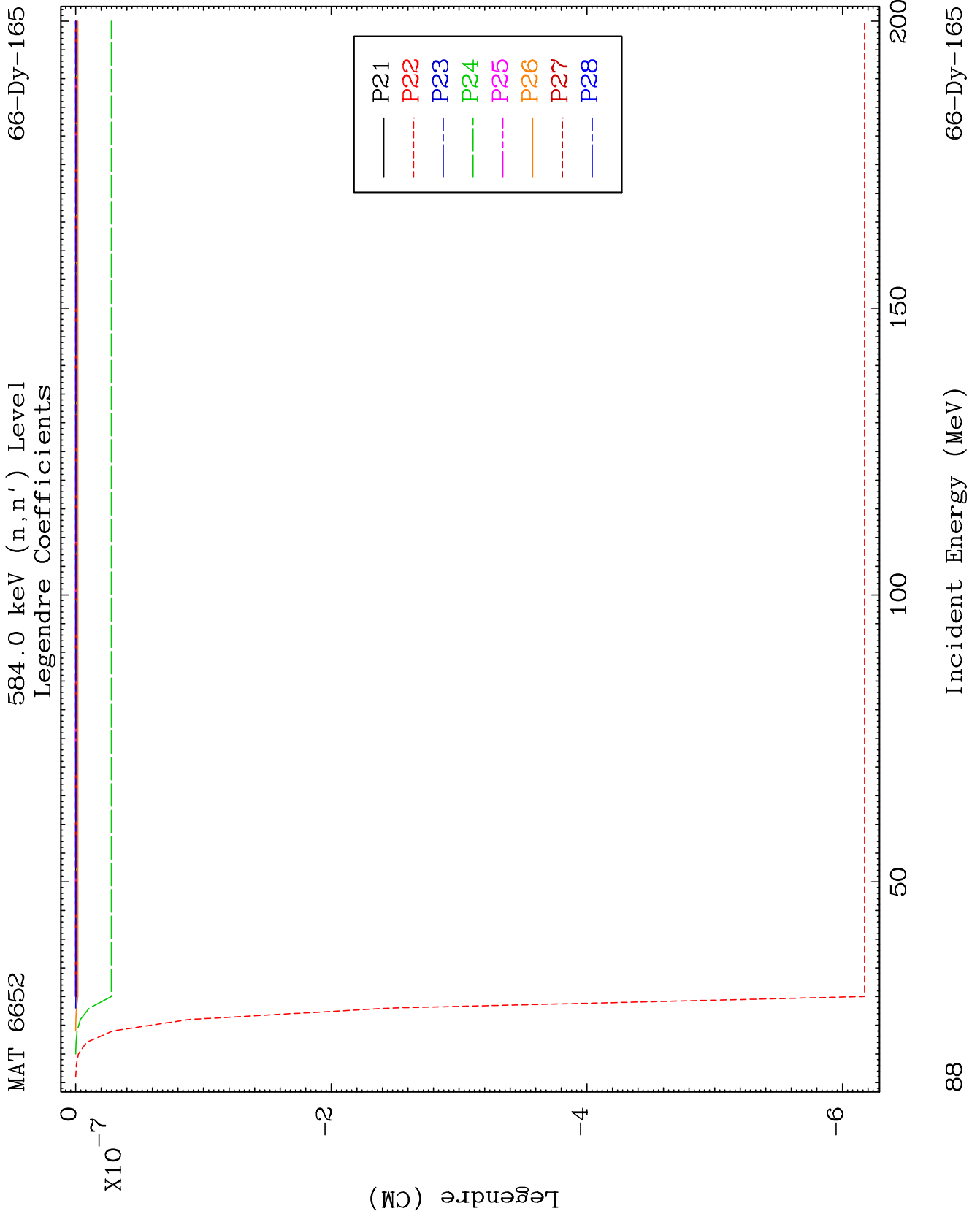
66-Dy-165

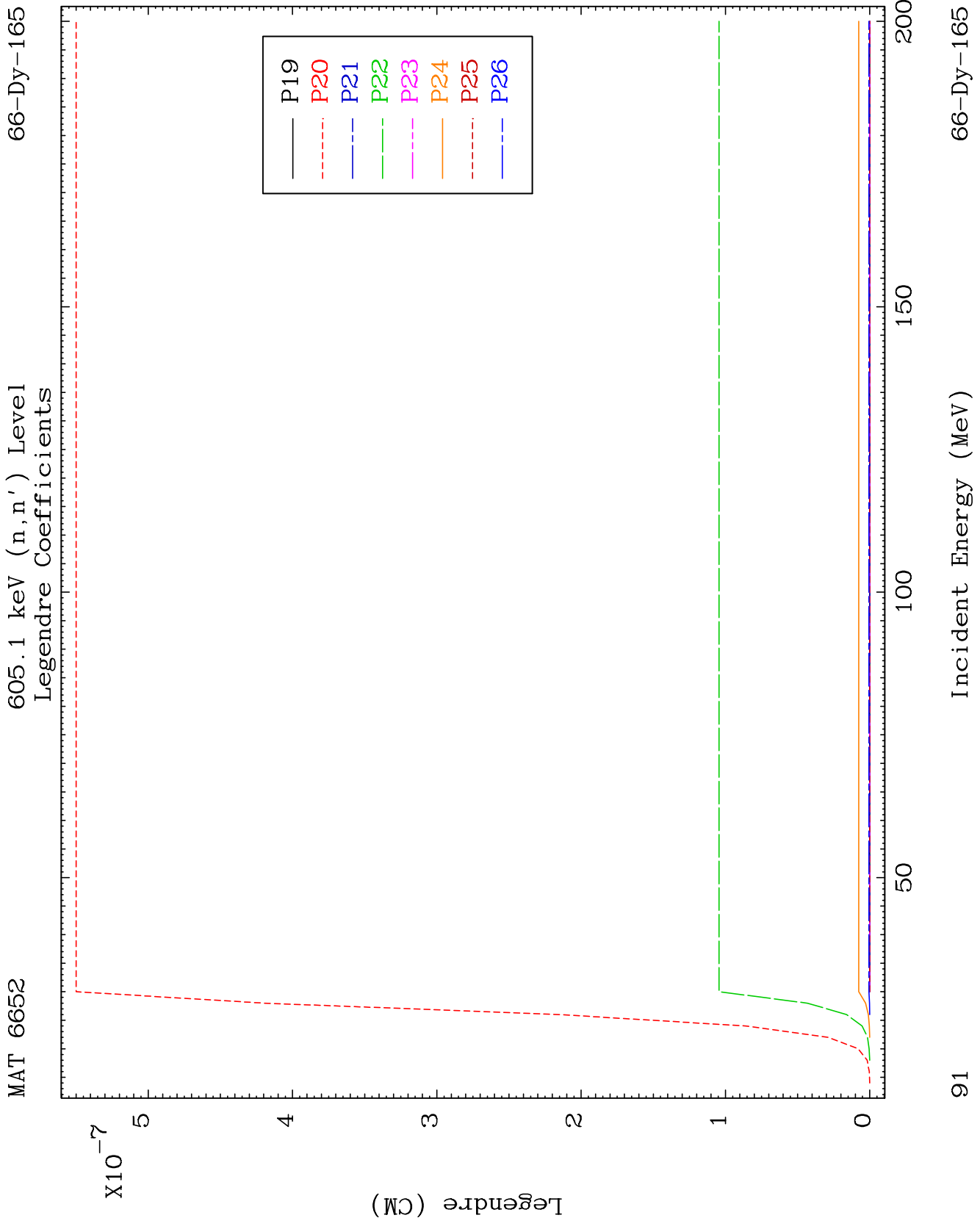


87

Incident Energy (MeV)

66-Dy-165

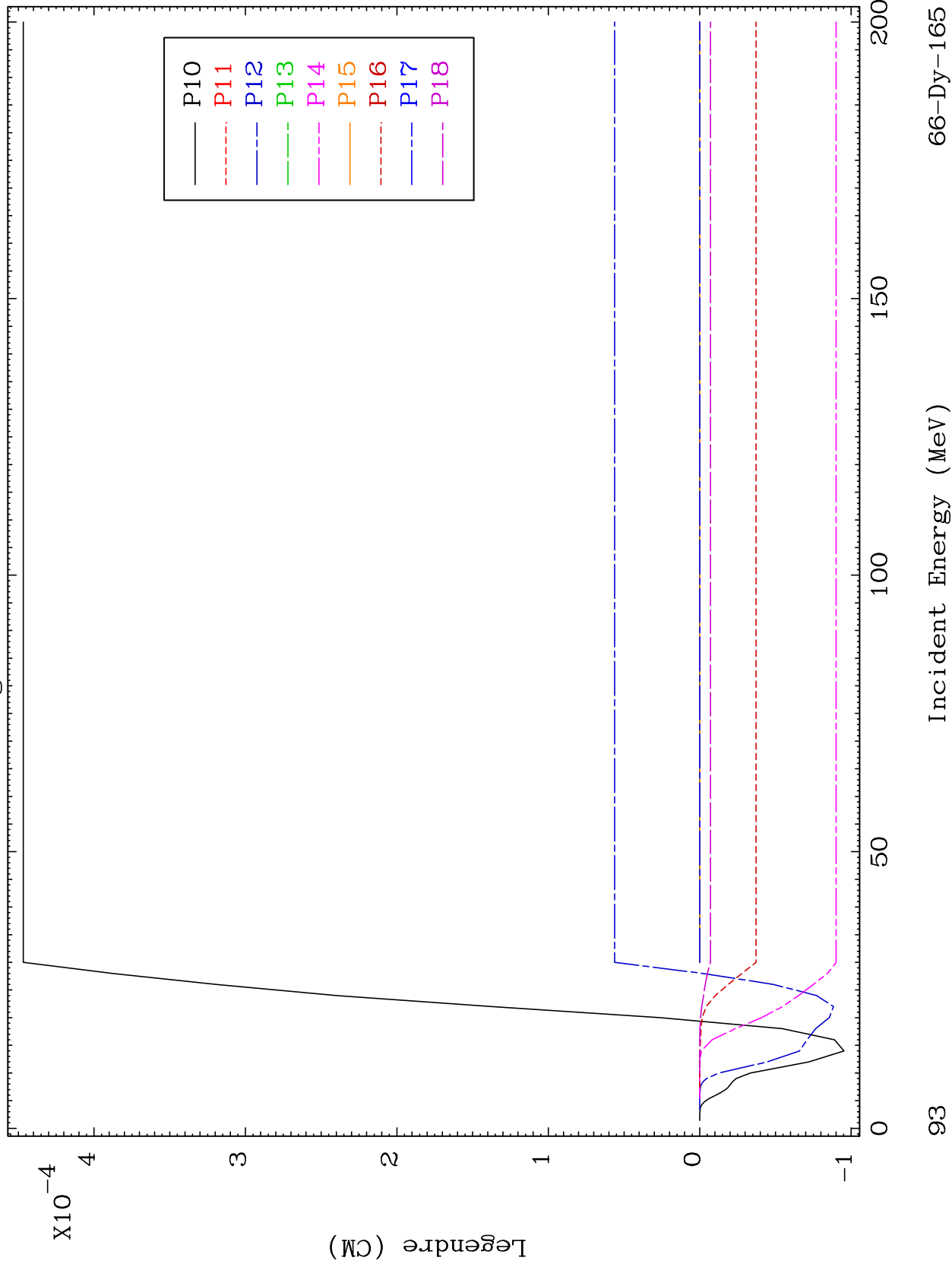


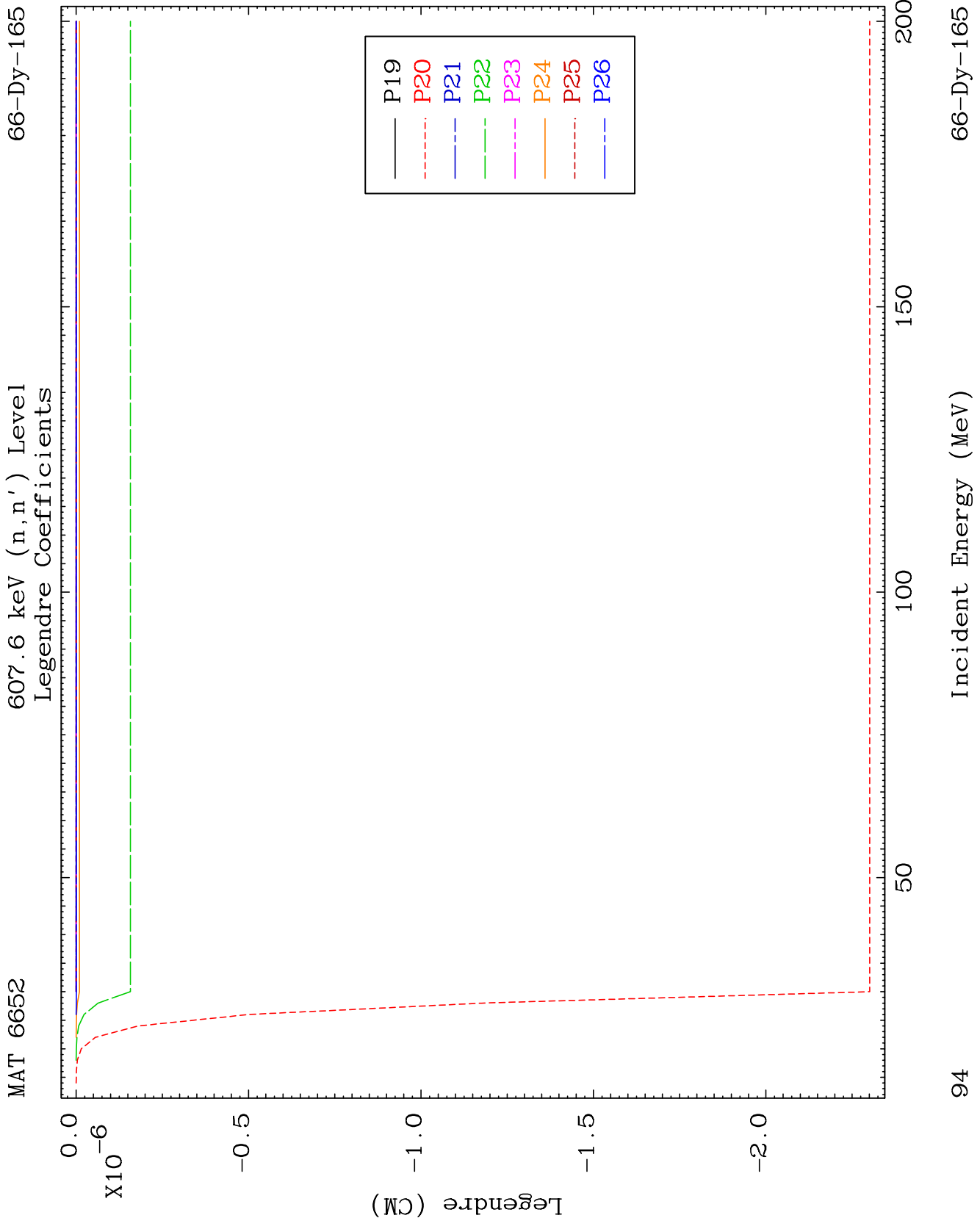


MAT 6652

607.6 keV (n,n') Level
Legendre Coefficients

66-Dy-165

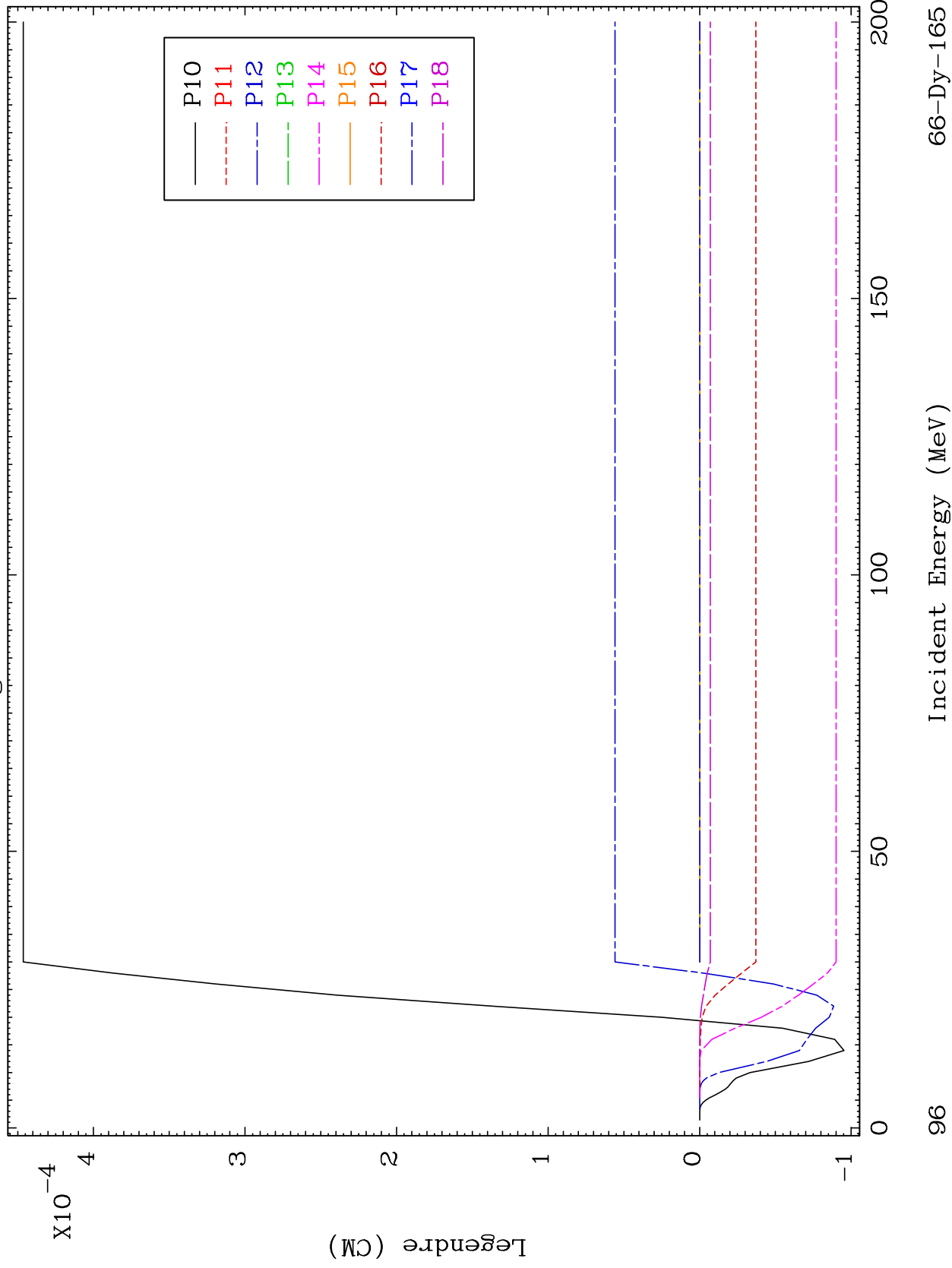




MAT 6652

628.8 keV (n,n') Level
Legendre Coefficients

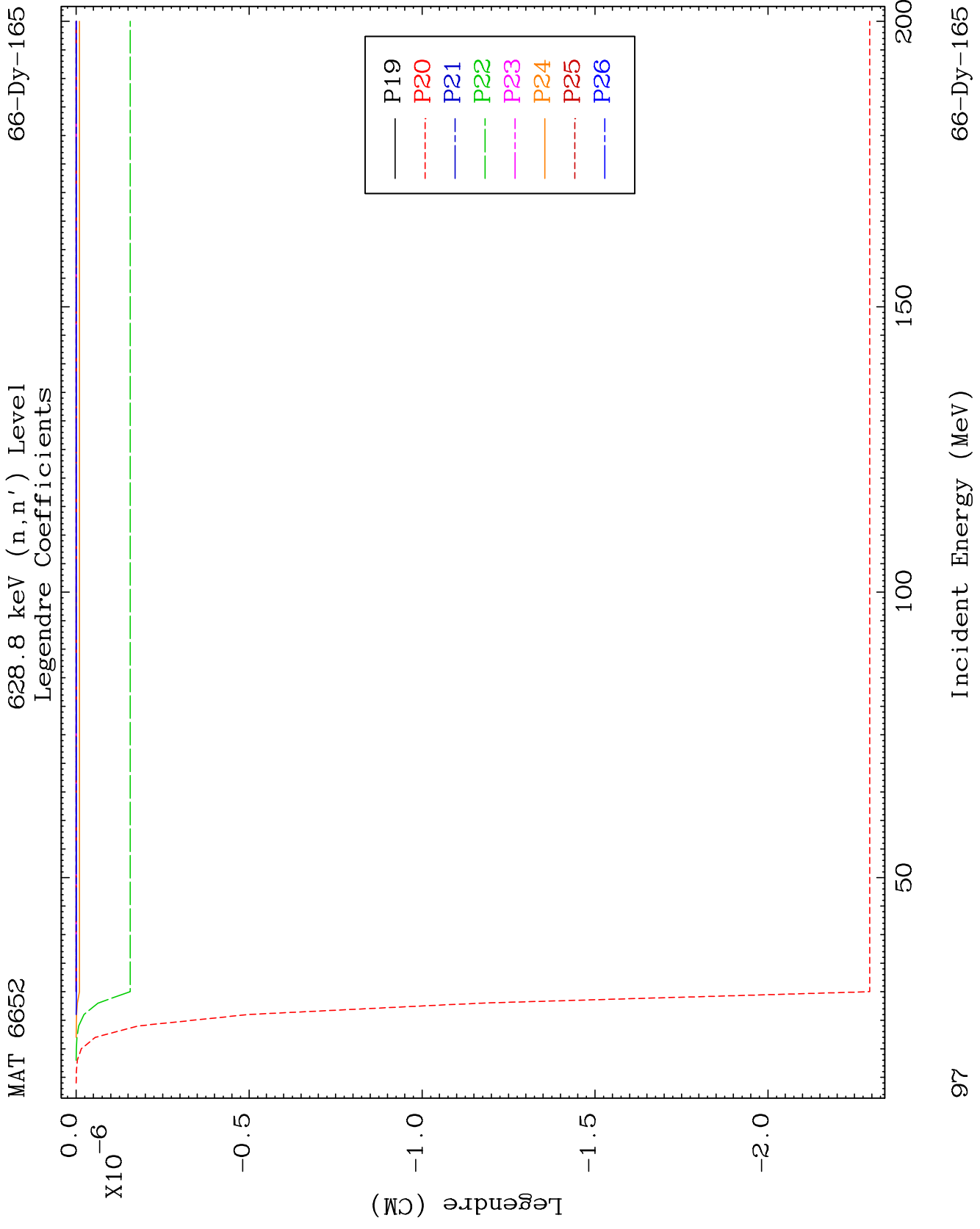
66-Dy-165

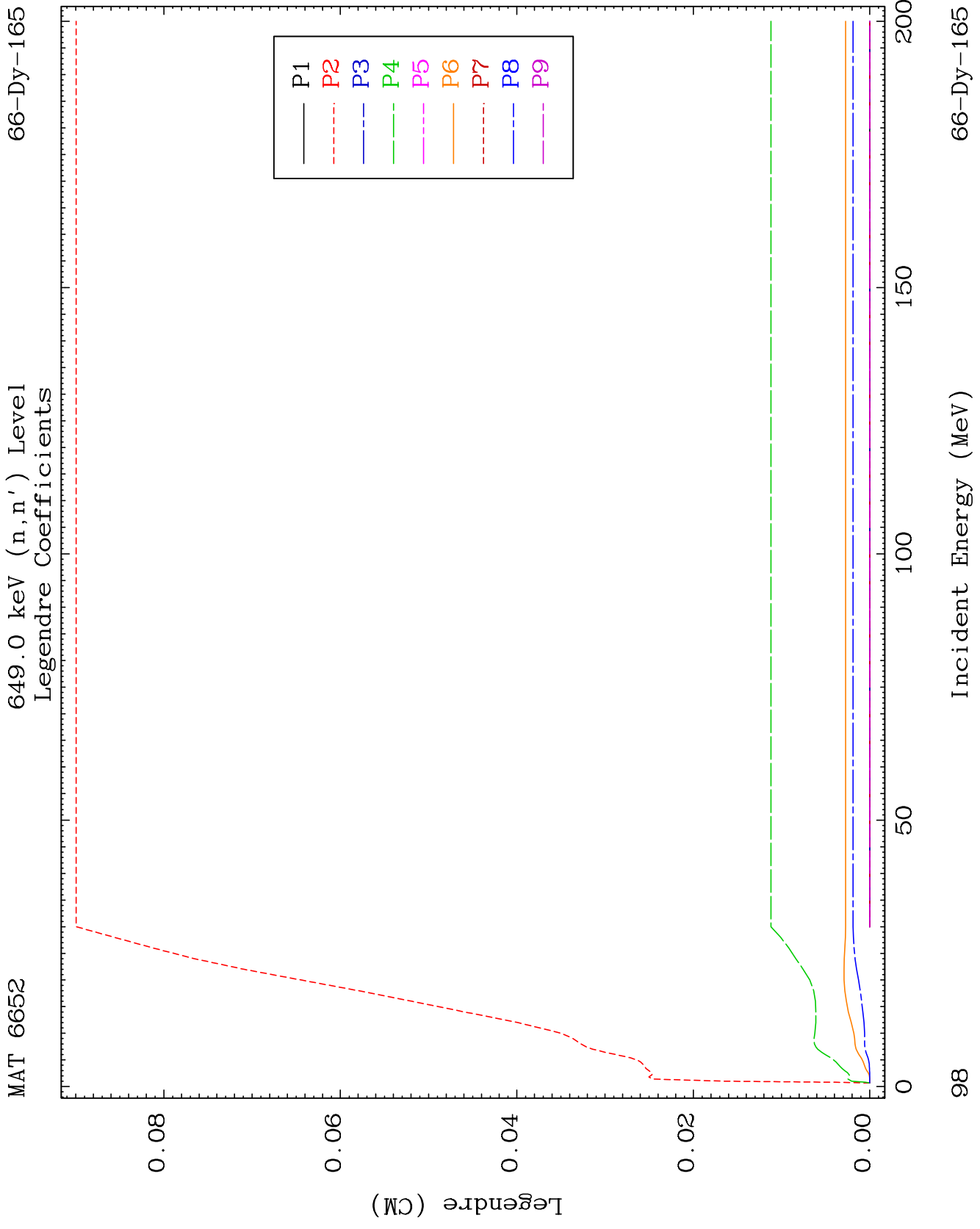


96

Incident Energy (MeV)

66-Dy-165

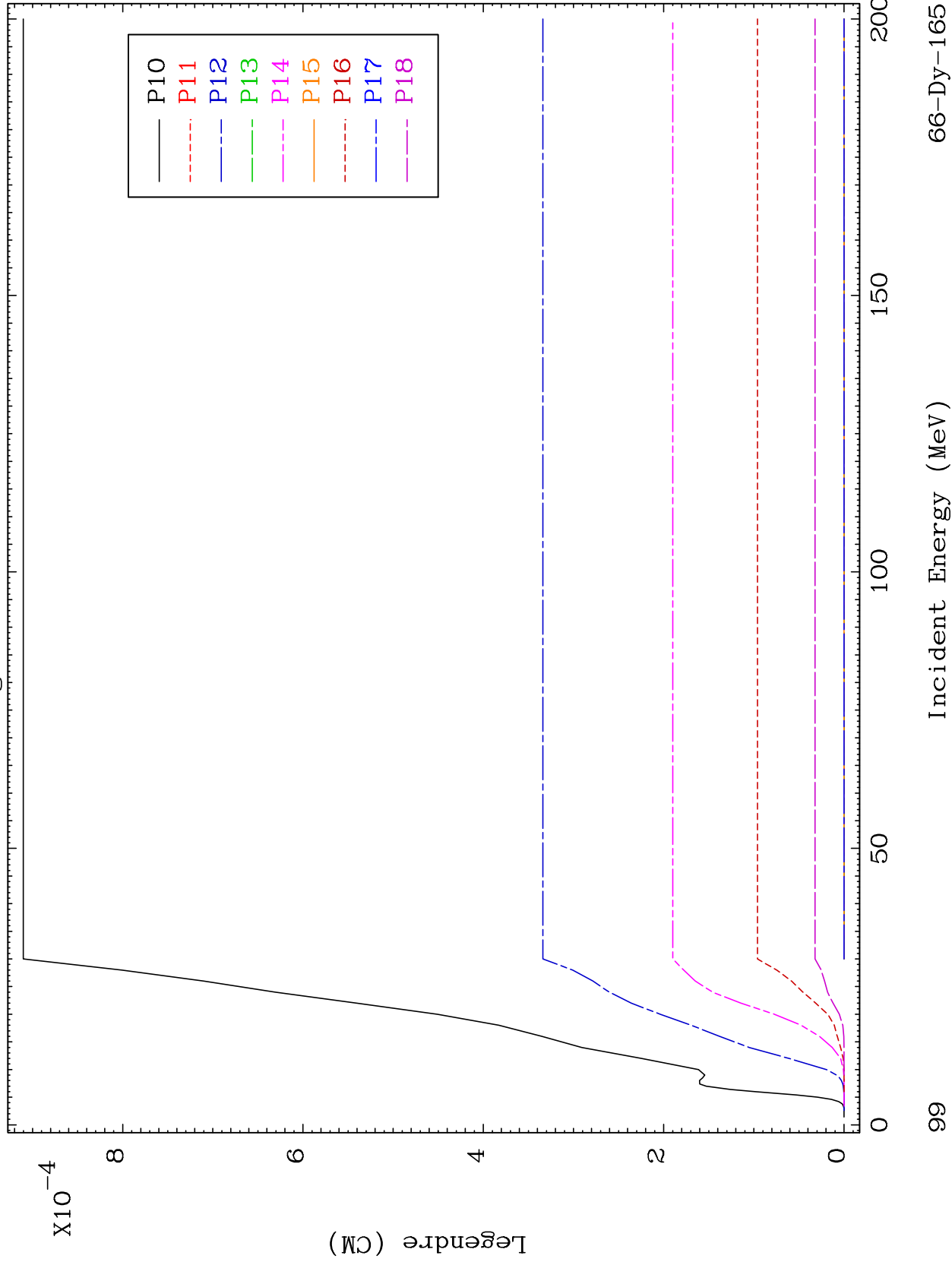




MAT 6652

649.0 keV (n,n') Level
Legendre Coefficients

66-Dy-165



66-Dy-165

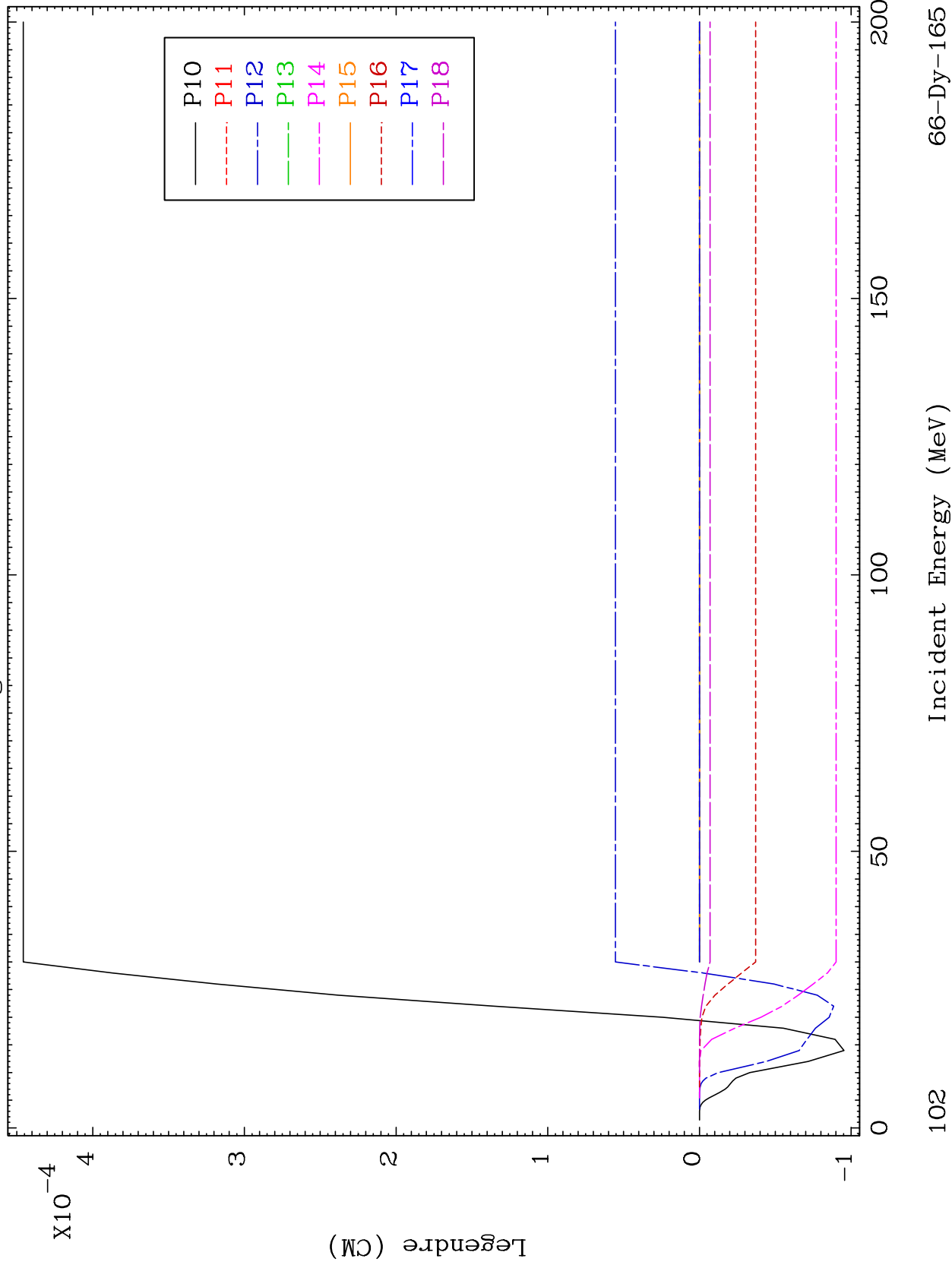
Incident Energy (MeV)

99

MAT 6652

658.0 keV (n,n') Level
Legendre Coefficients

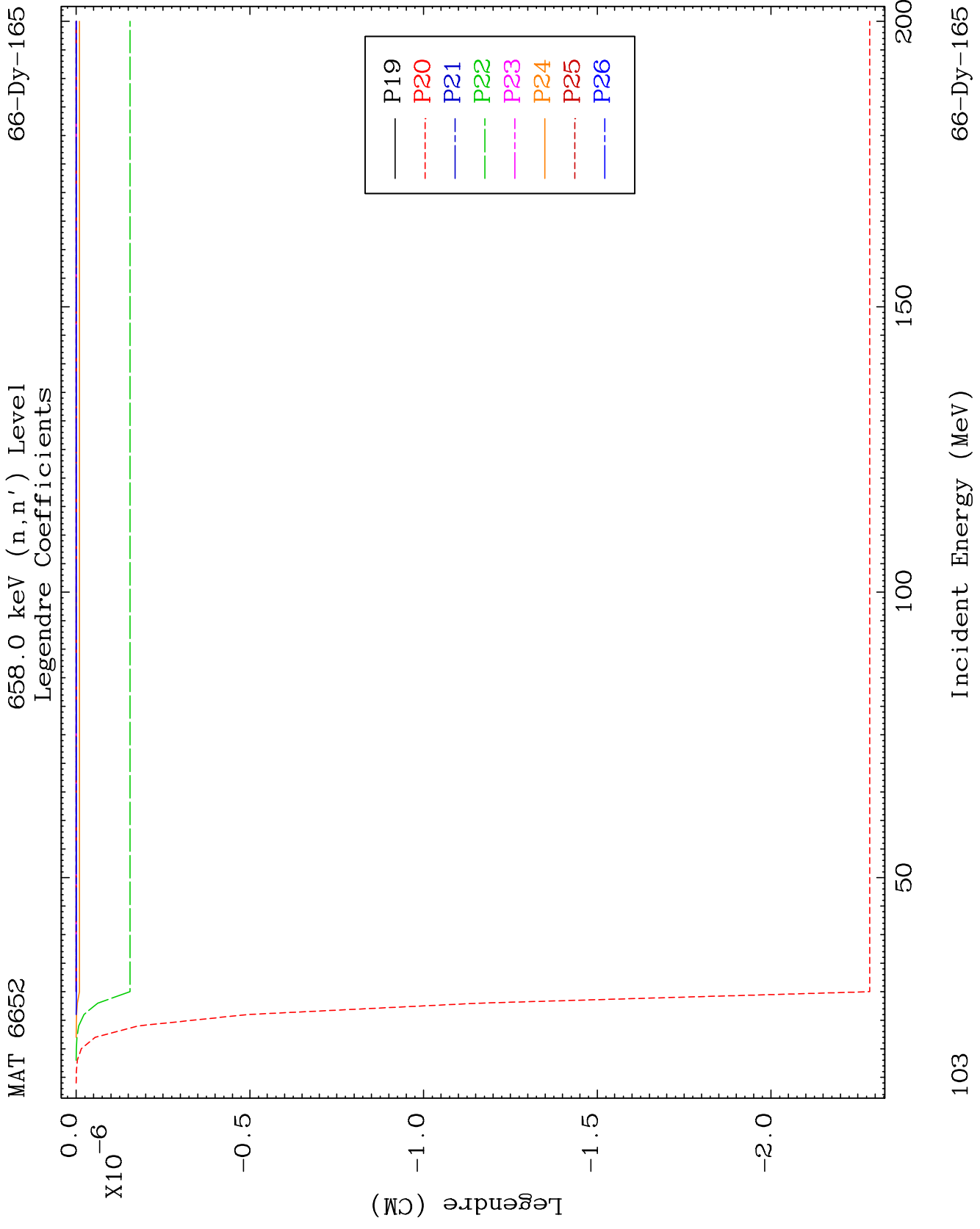
66-Dy-165



66-Dy-165

Incident Energy (MeV)

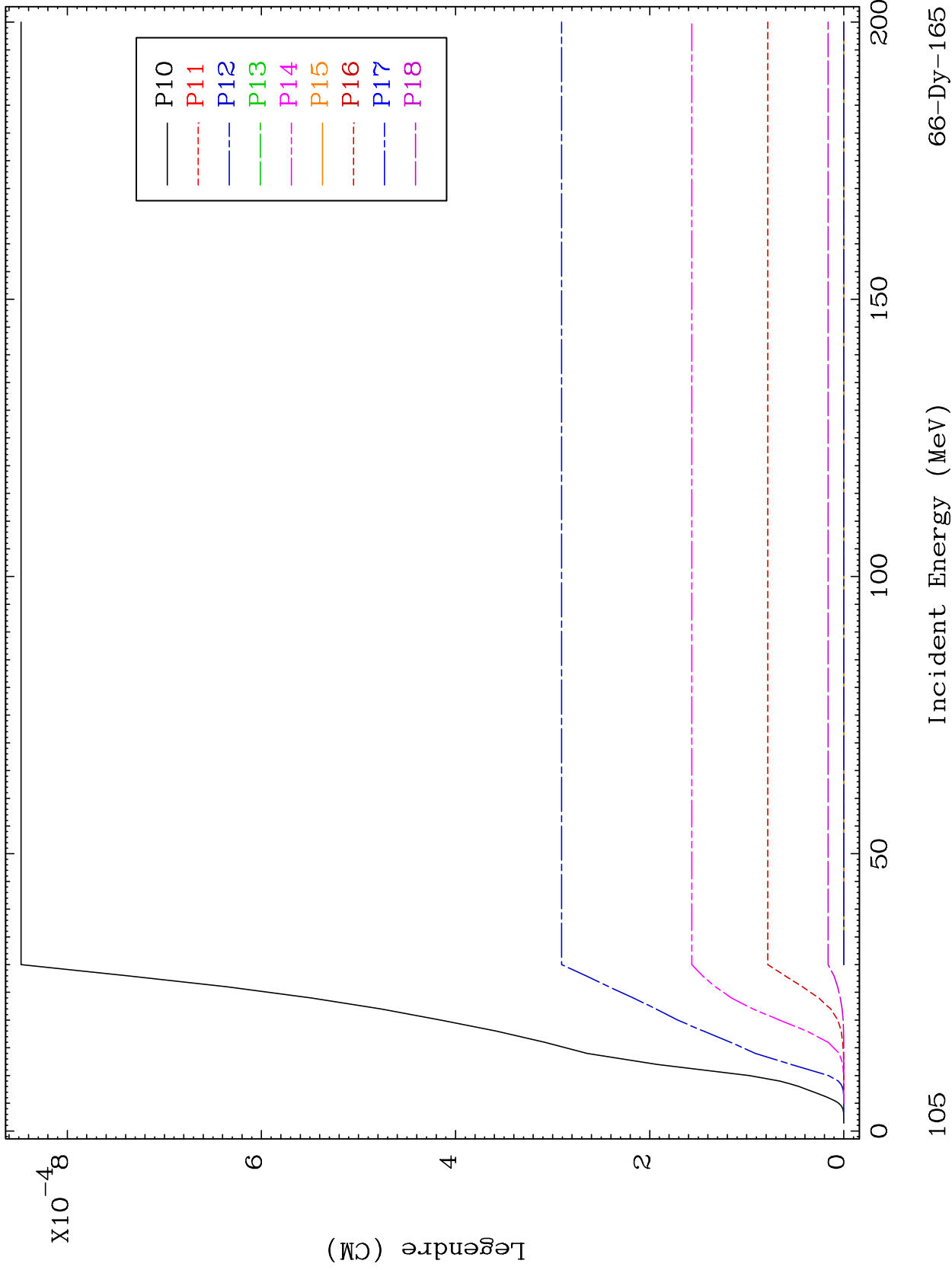
102



MAT 6652

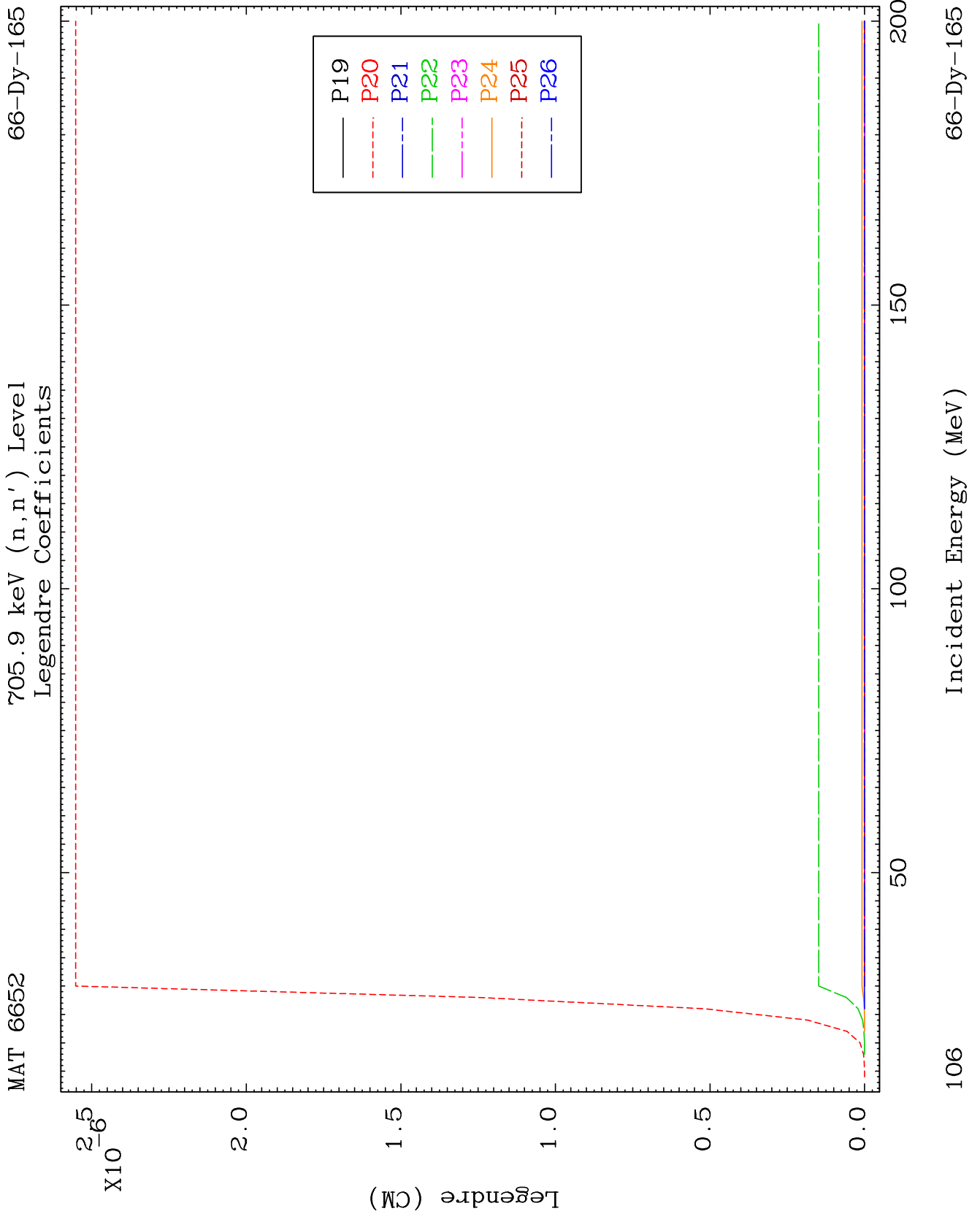
705.9 keV (n,n') Level
Legendre Coefficients

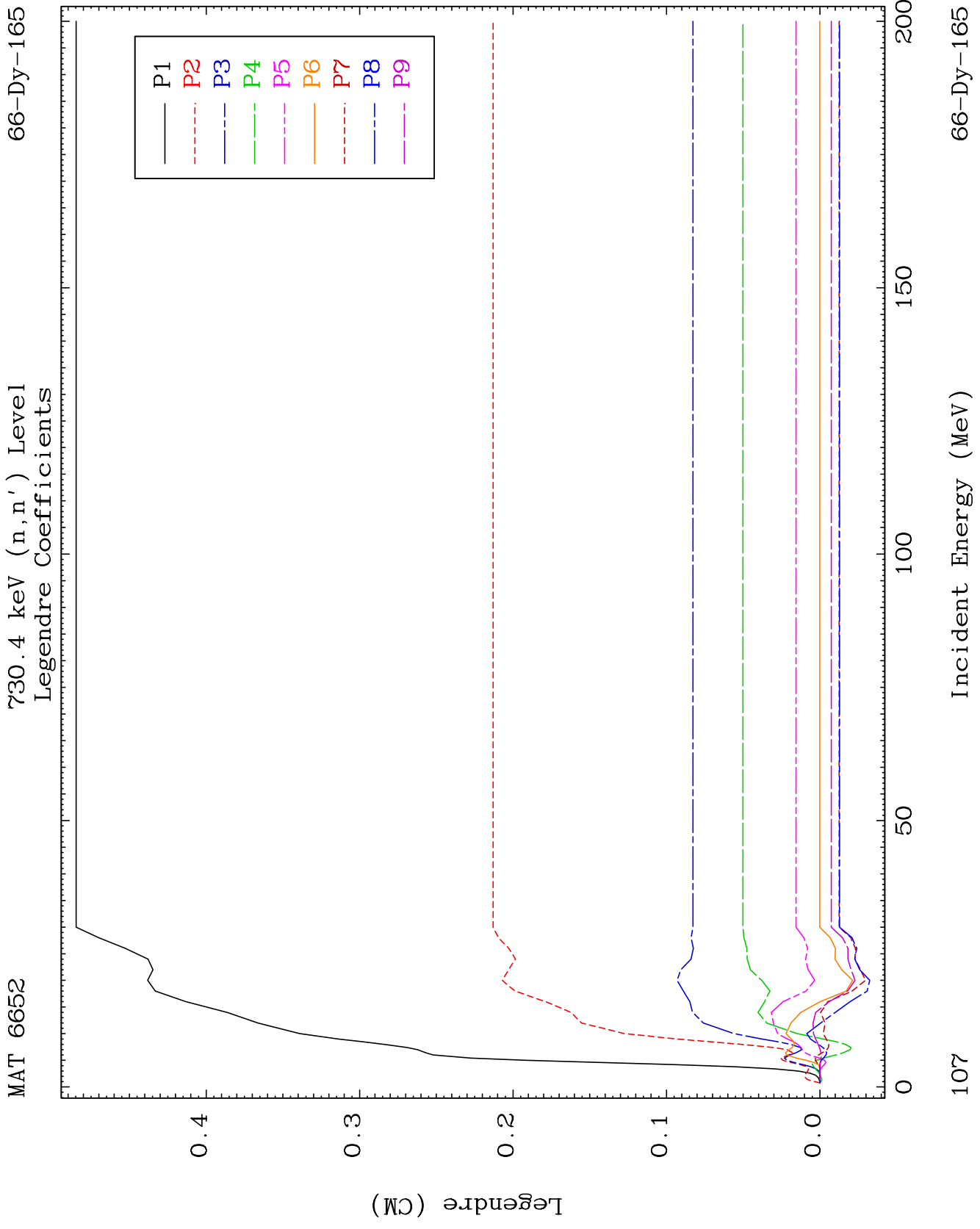
66-Dy-165



66-Dy-165

Incident Energy (MeV)

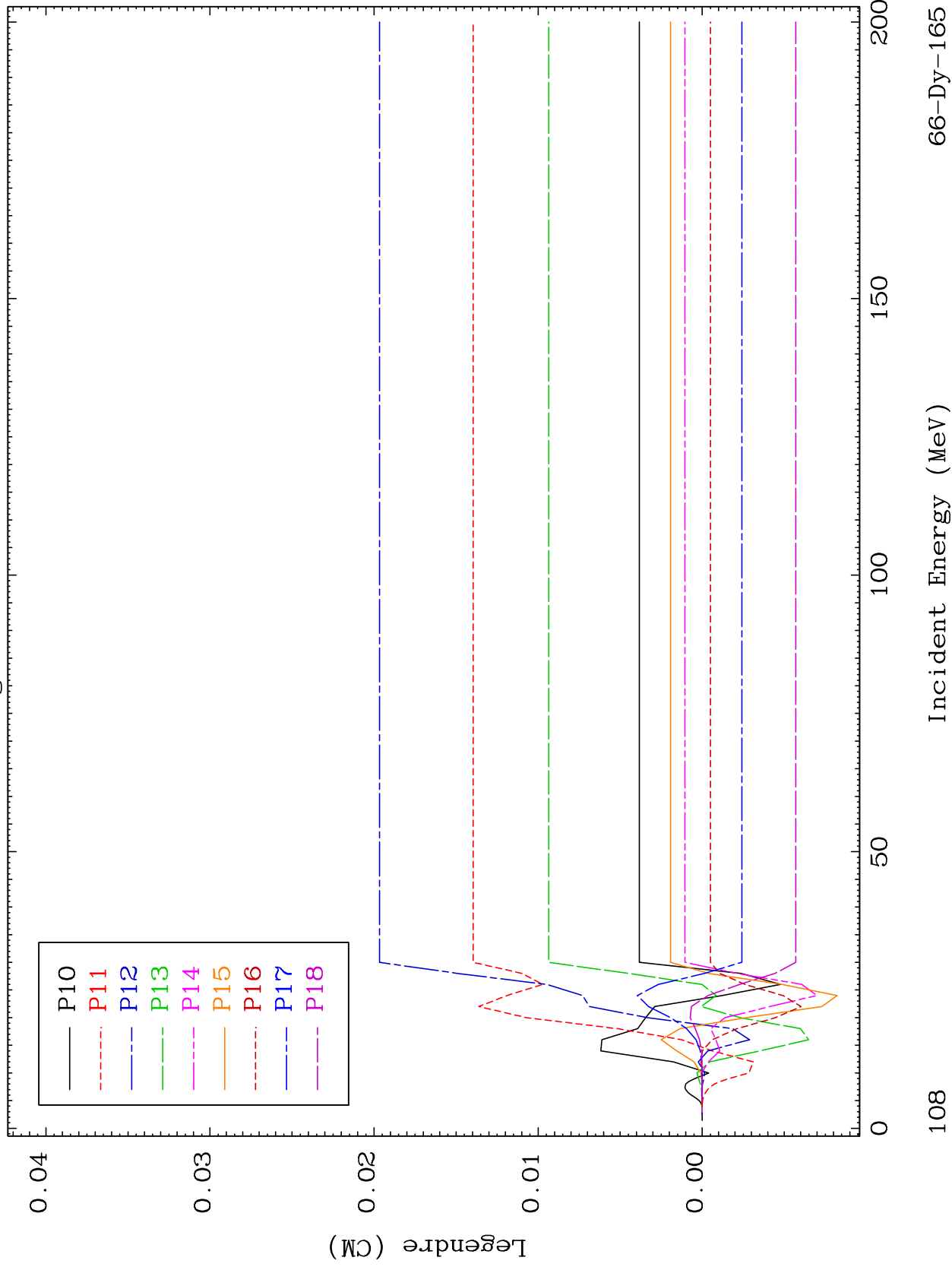




MAT 6652

730.4 keV (n,n') Level
Legendre Coefficients

66-Dy-165

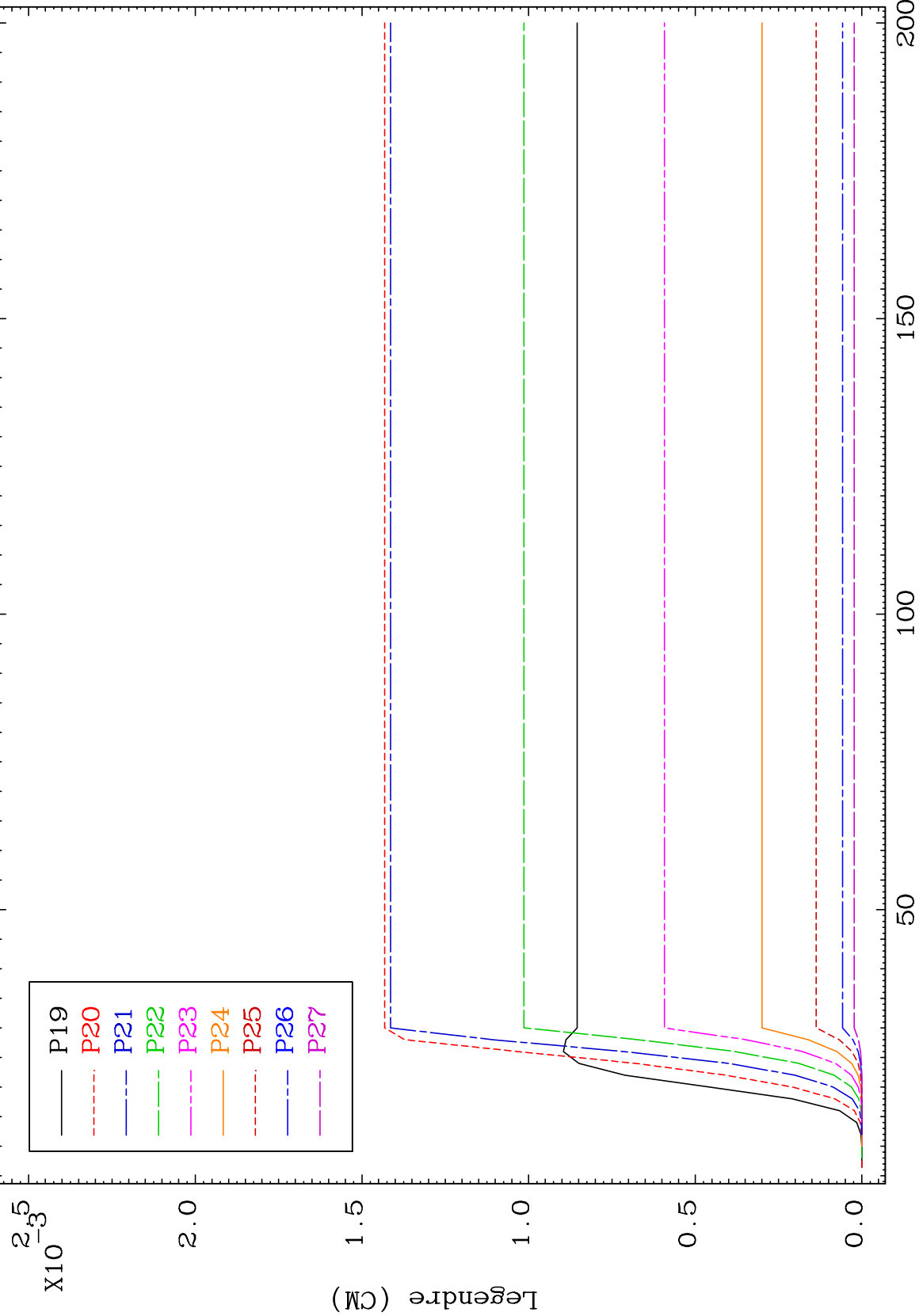


108

MAT 6652

730.4 keV (n,n') Level
Legendre Coefficients

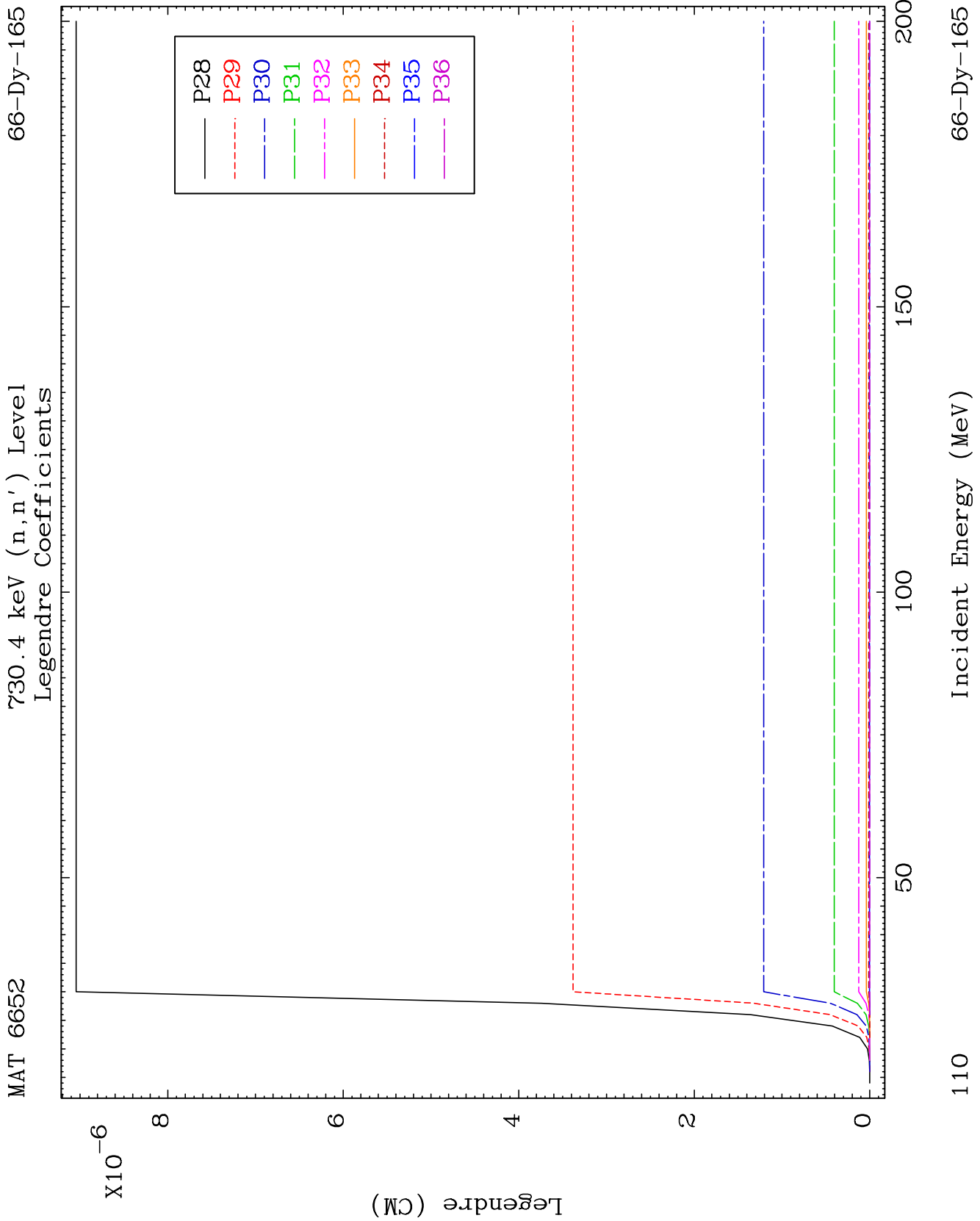
66-Dy-165



109

Incident Energy (MeV)

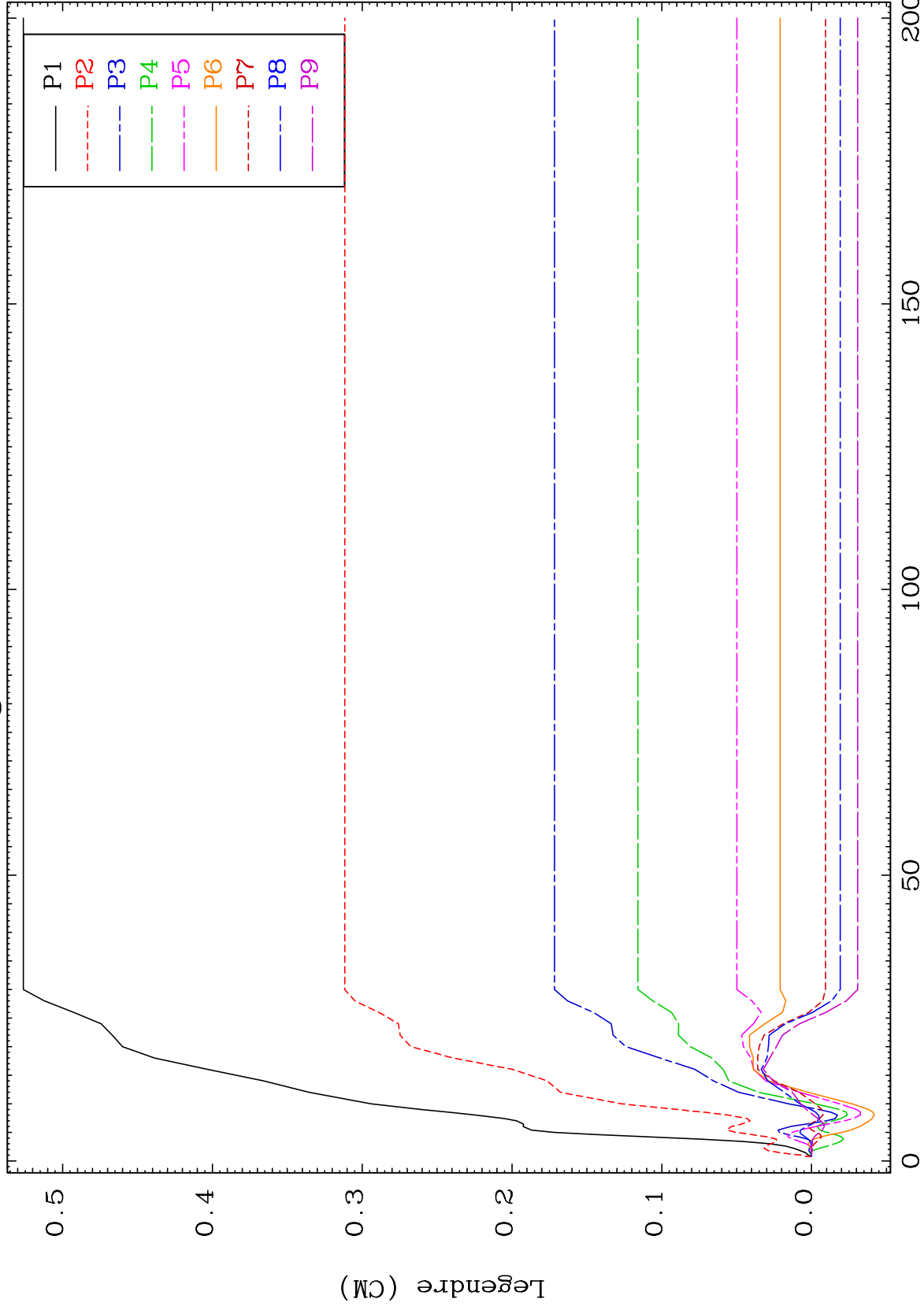
66-Dy-165



MAT 6652

737.9 keV (n,n') Level
Legendre Coefficients

66-Dy-165



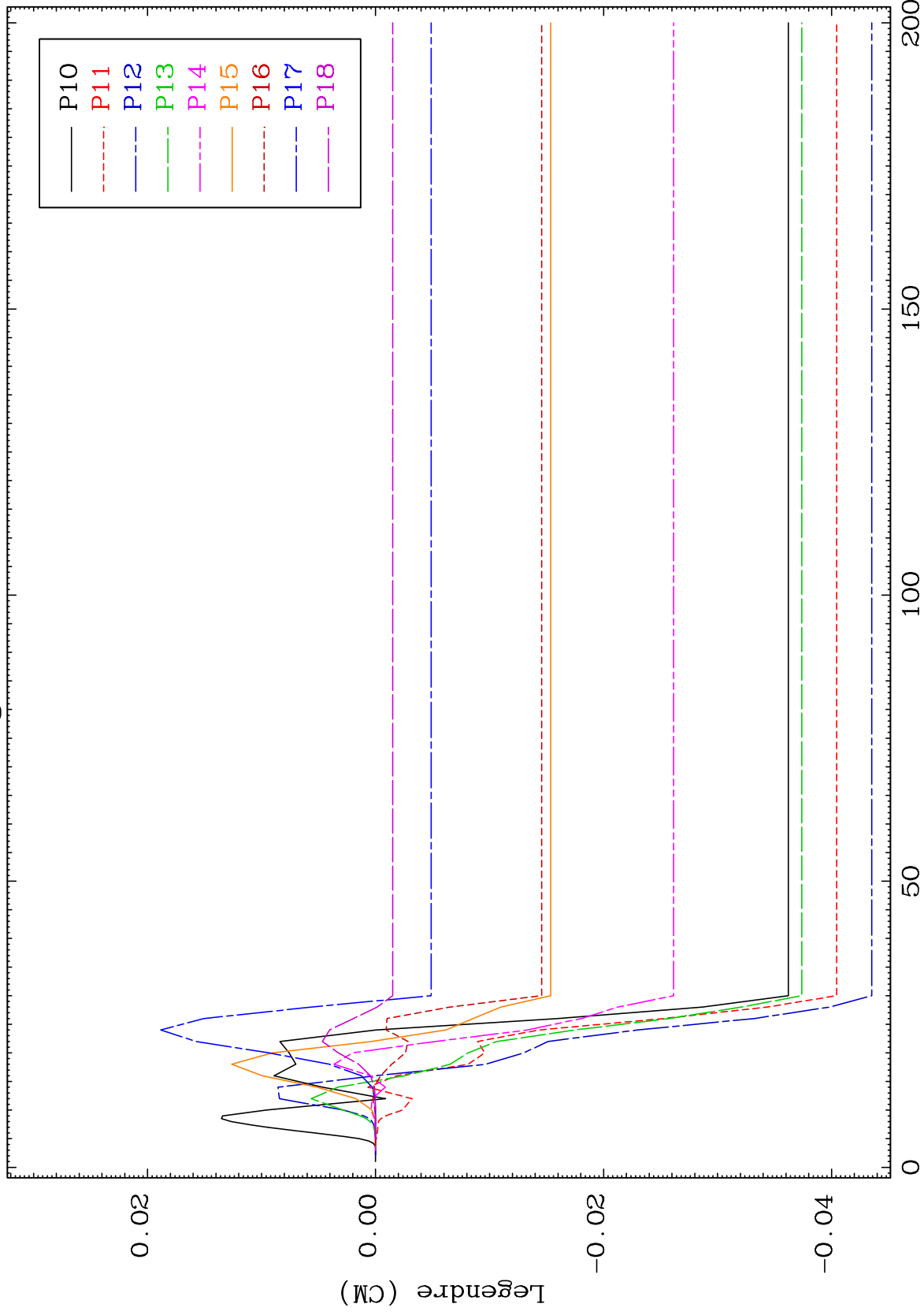
111

66-Dy-165

MAT 6652

737.9 keV (n,n') Level
Legendre Coefficients

66-Dy-165



112

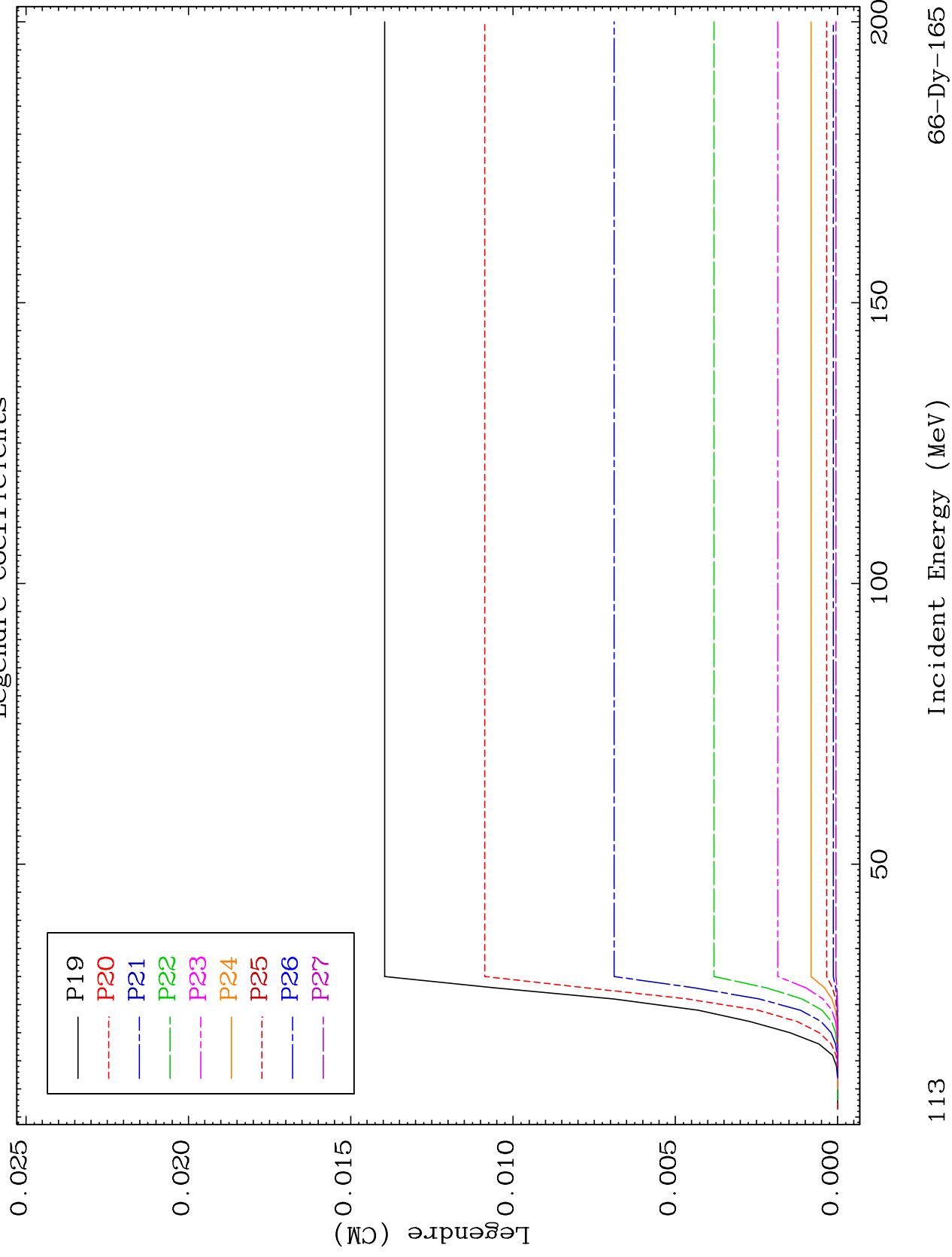
Incident Energy (MeV)

66-Dy-165

MAT 6652

737.9 keV (n,n') Level
Legendre Coefficients

66-Dy-165



113

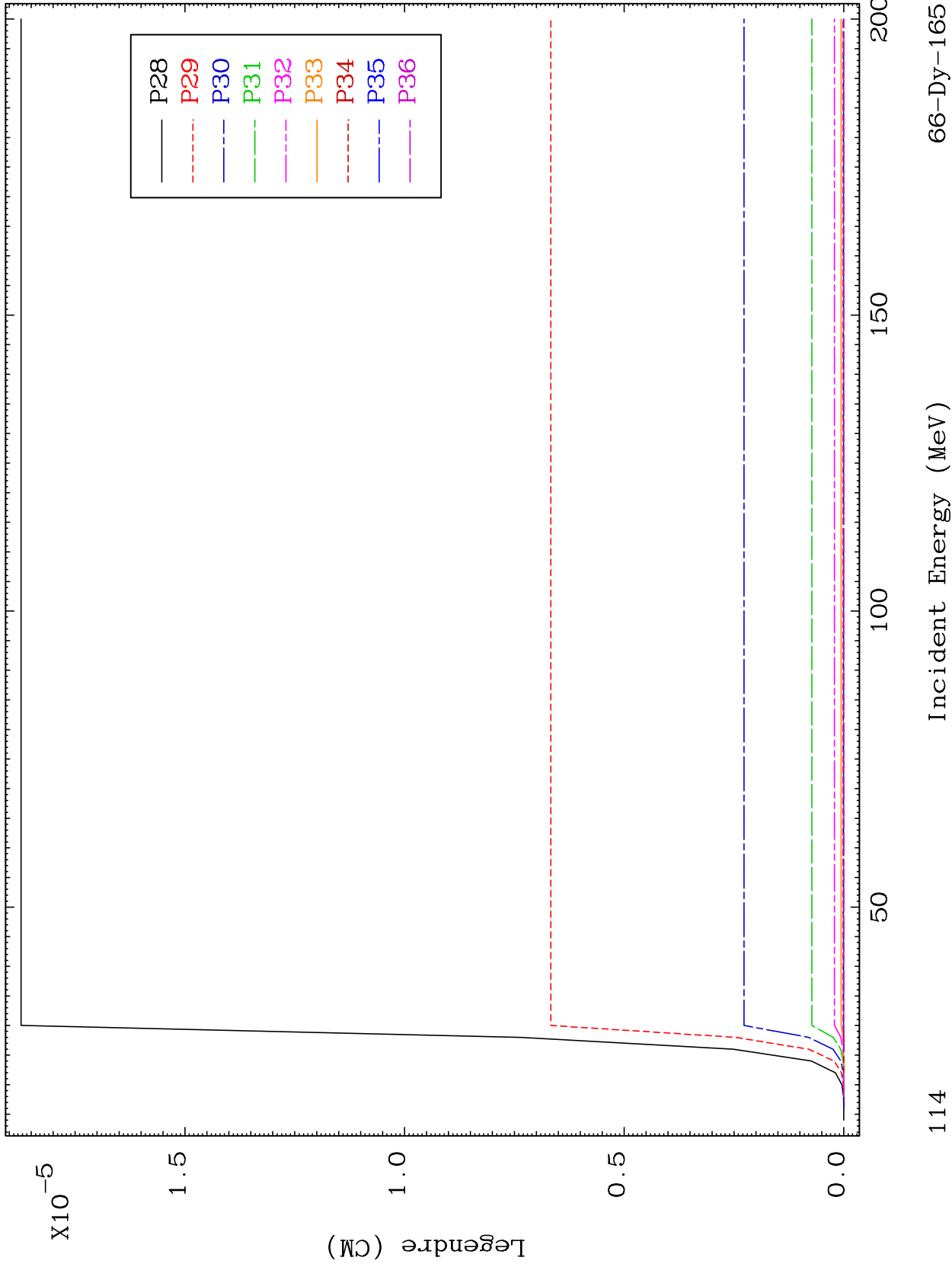
Incident Energy (MeV)

66-Dy-165

MAT 6652

737.9 keV (n,n') Level
Legendre Coefficients

66-Dy-165

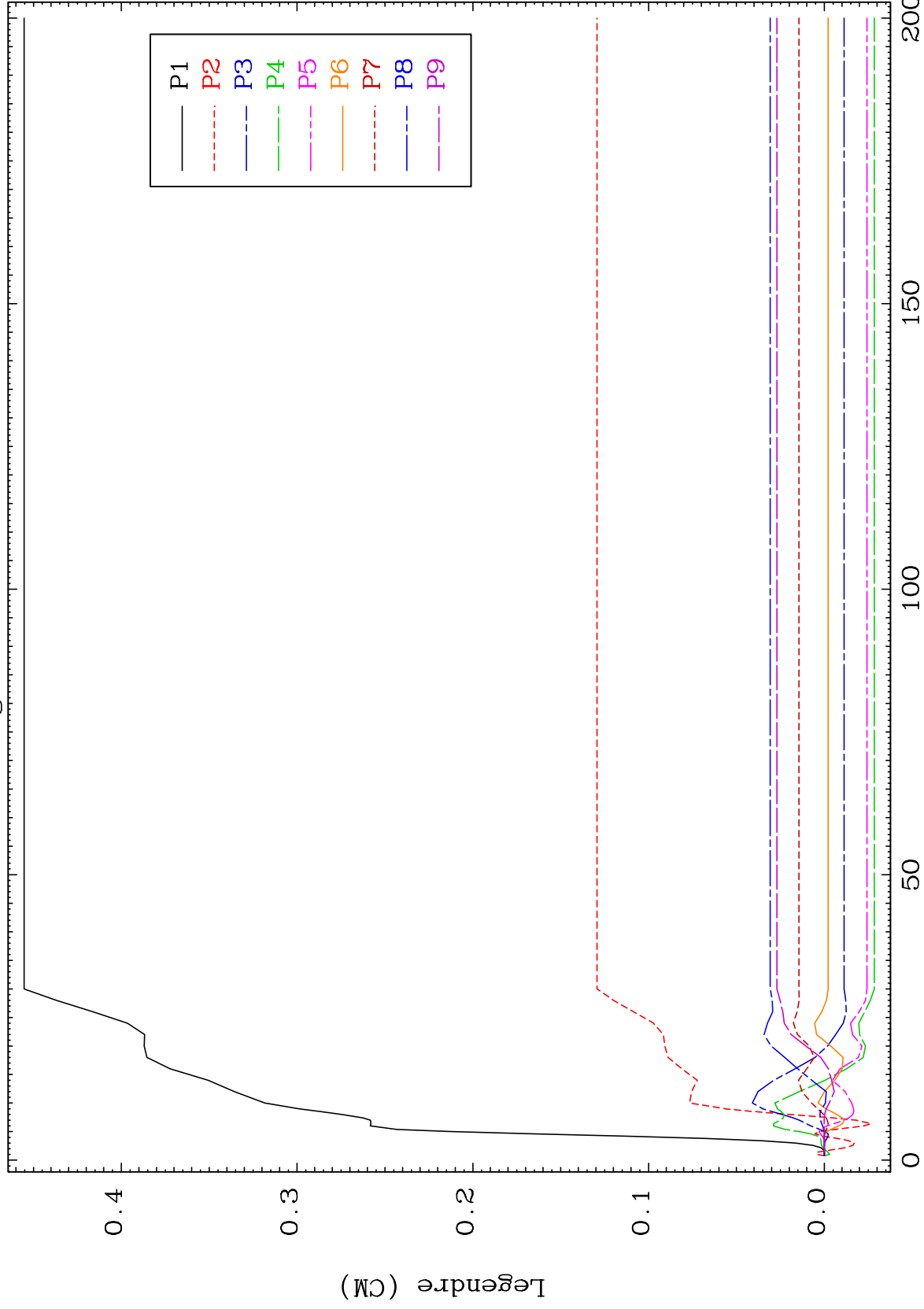


114

MAT 6652

771.4 keV (n,n') Level
Legendre Coefficients

66-Dy-165



115

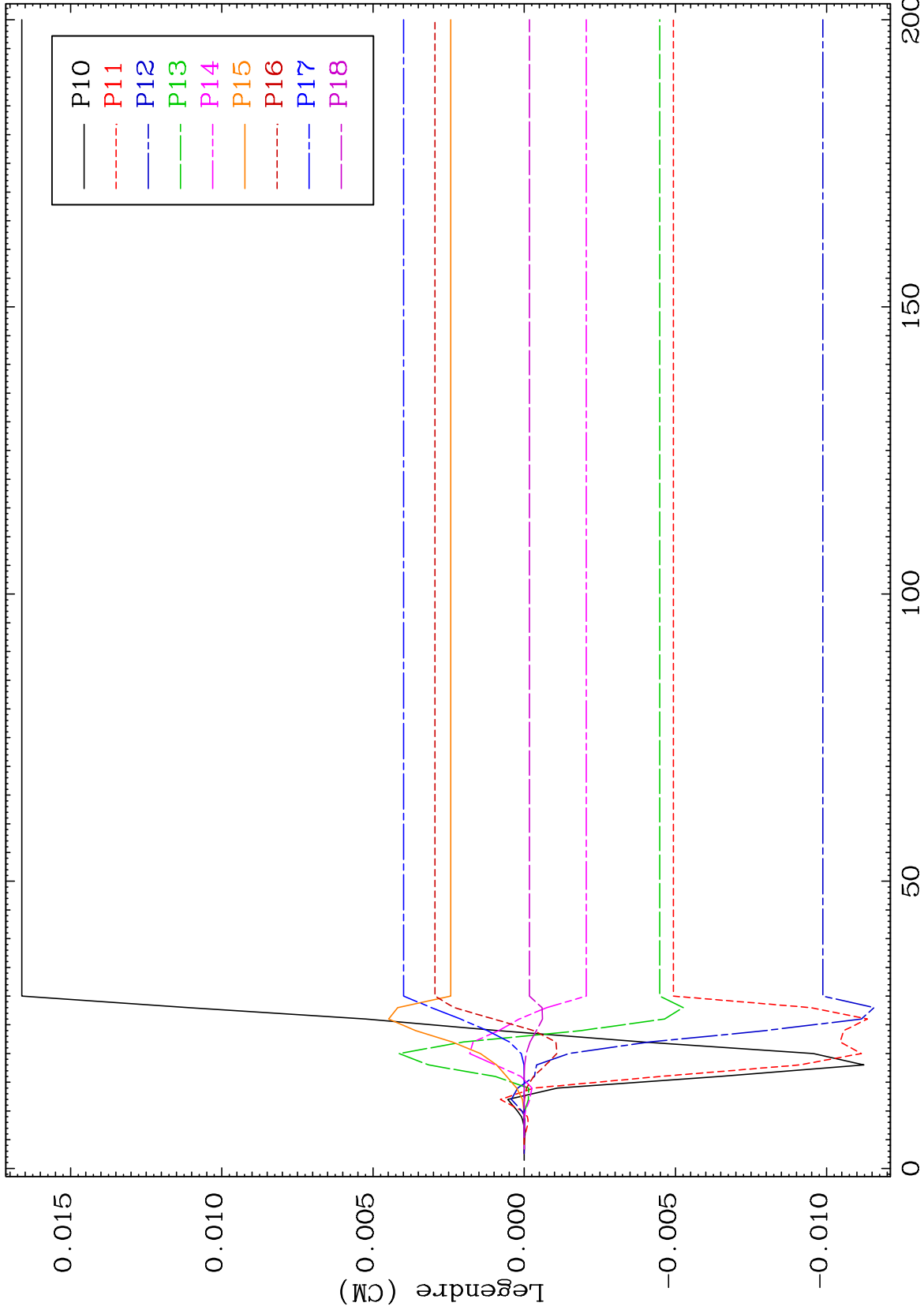
Incident Energy (MeV)

66-Dy-165

MAT 6652

771.4 keV (n,n') Level
Legendre Coefficients

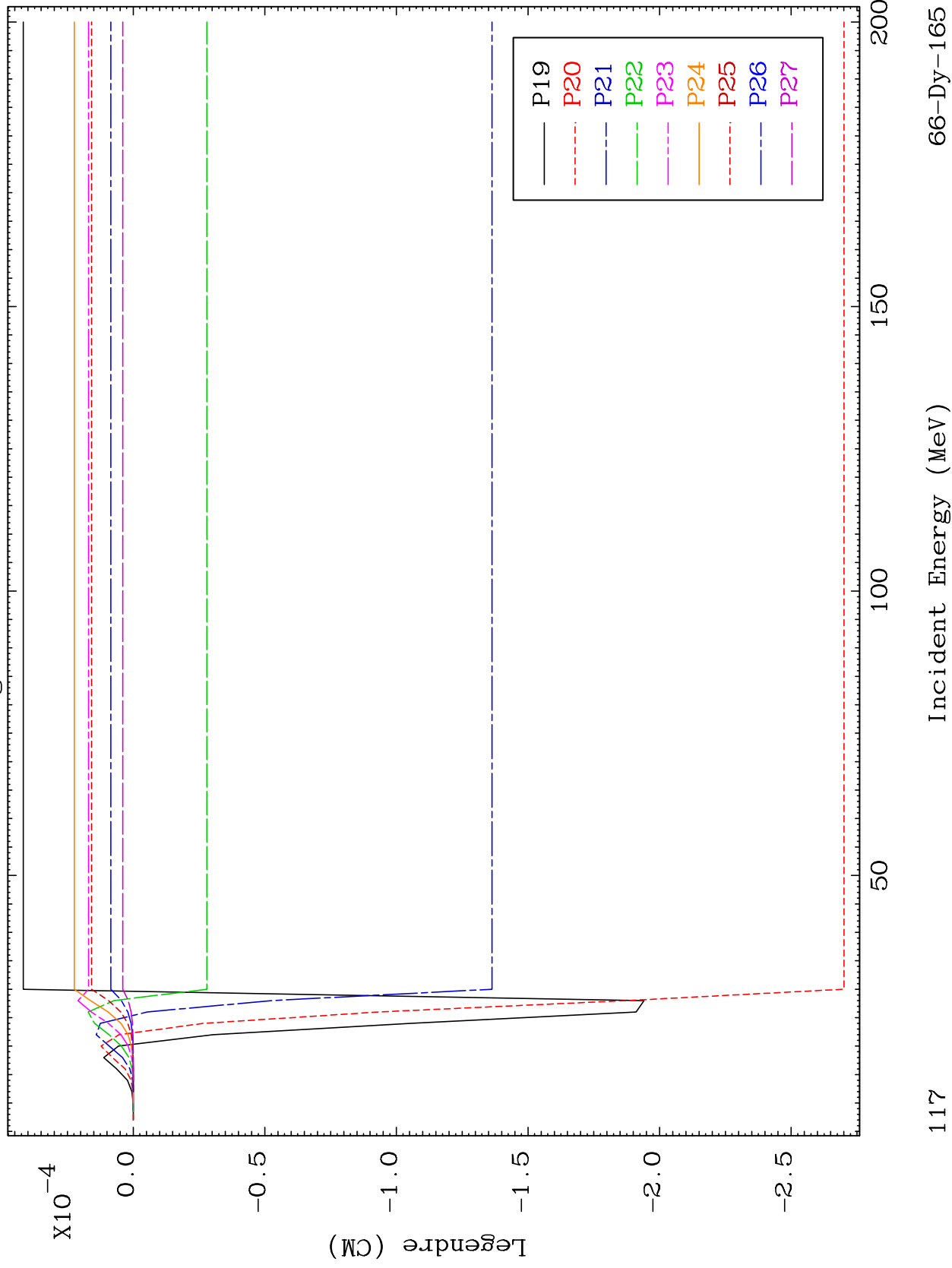
66-Dy-165



116

Incident Energy (MeV)

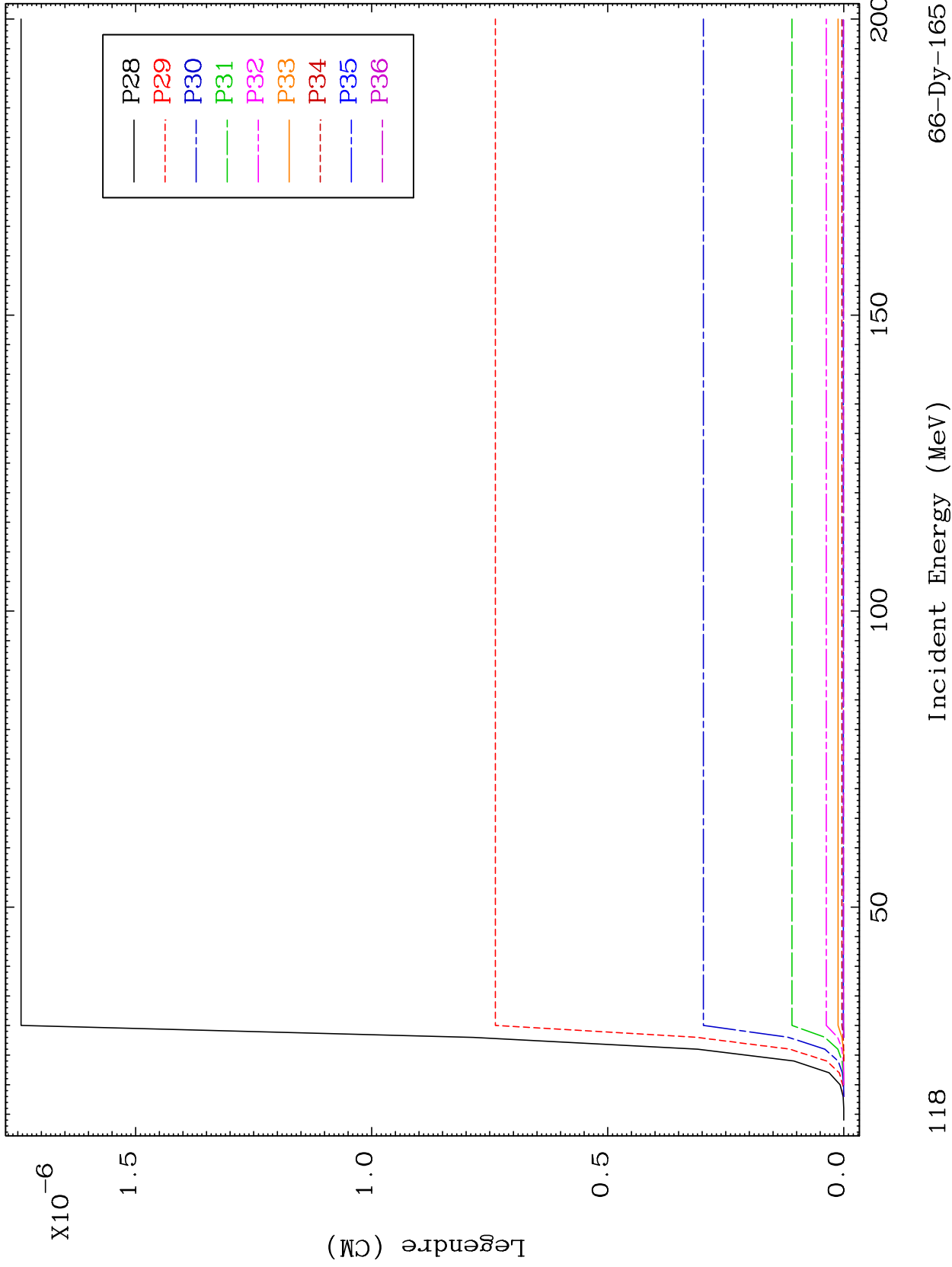
66-Dy-165



MAT 6652

771.4 keV (n,n') Level
Legendre Coefficients

66-Dy-165



118

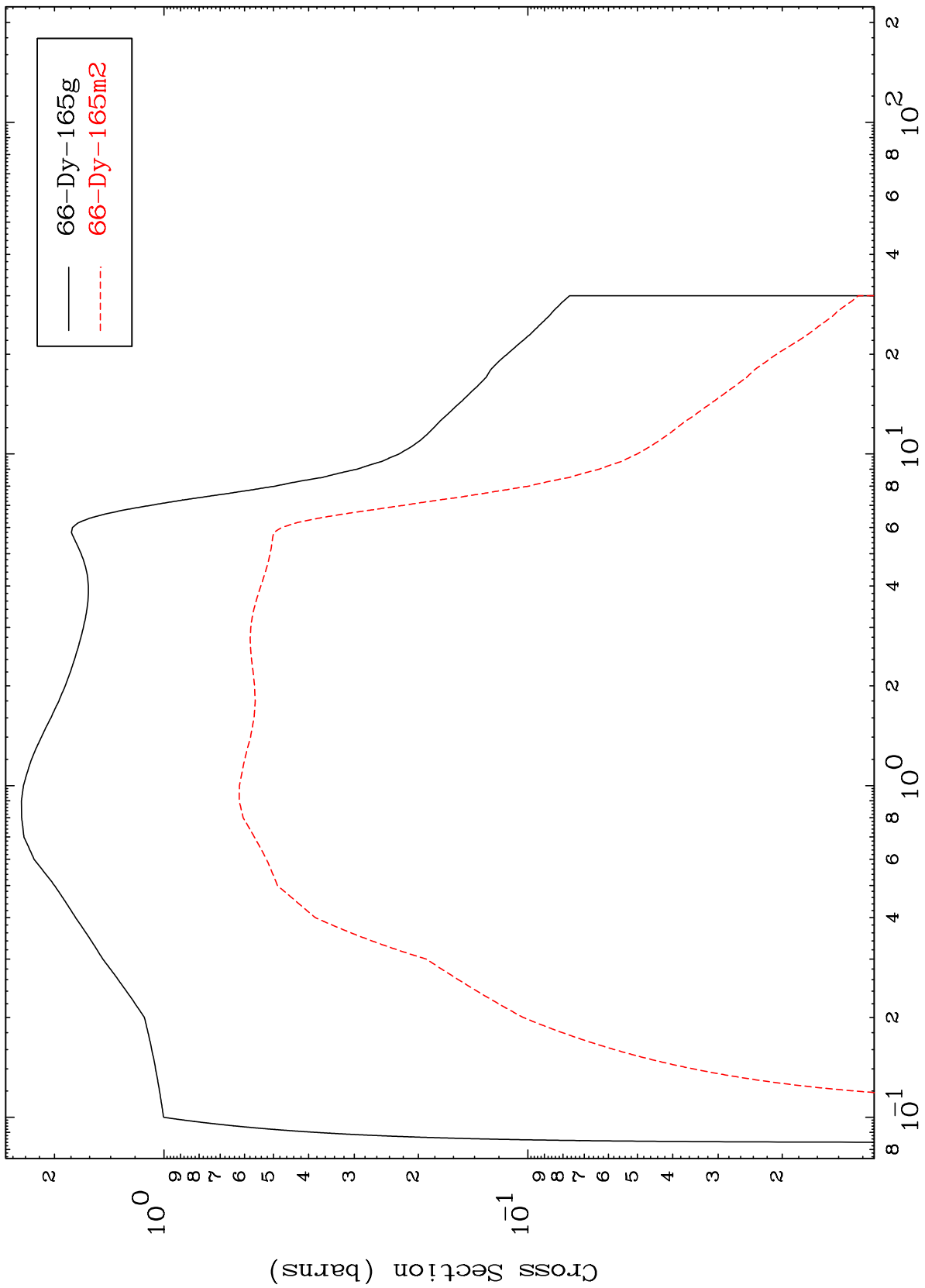
Incident Energy (MeV)

66-Dy-165

MAT 6652

66-Dy-165

Inelastic Radionuclide Production Cross Section



Incident Energy (MeV)

66-Dy-165

119