

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

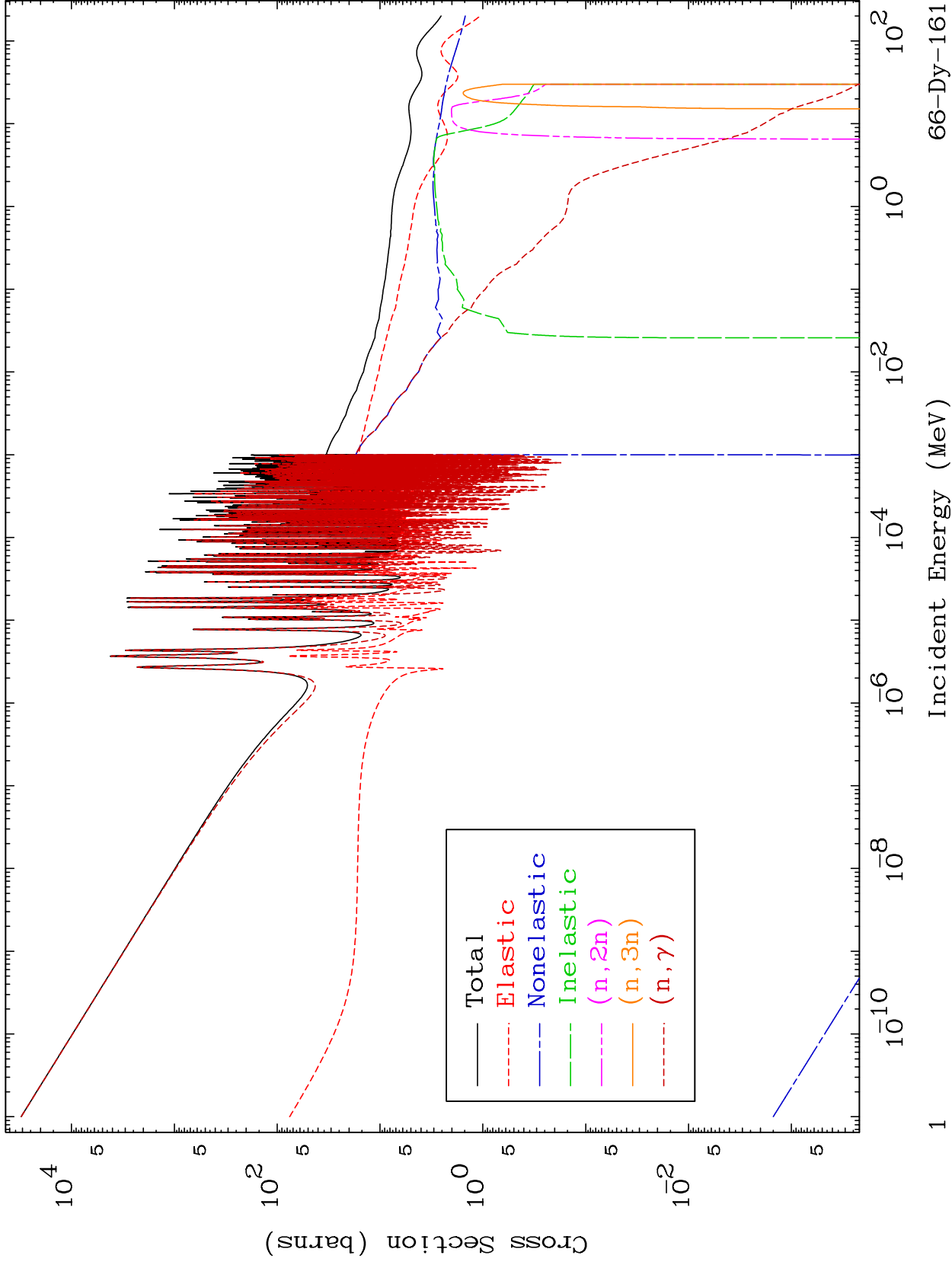
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6640

Neutron Major
293 Kelvin Cross Sections

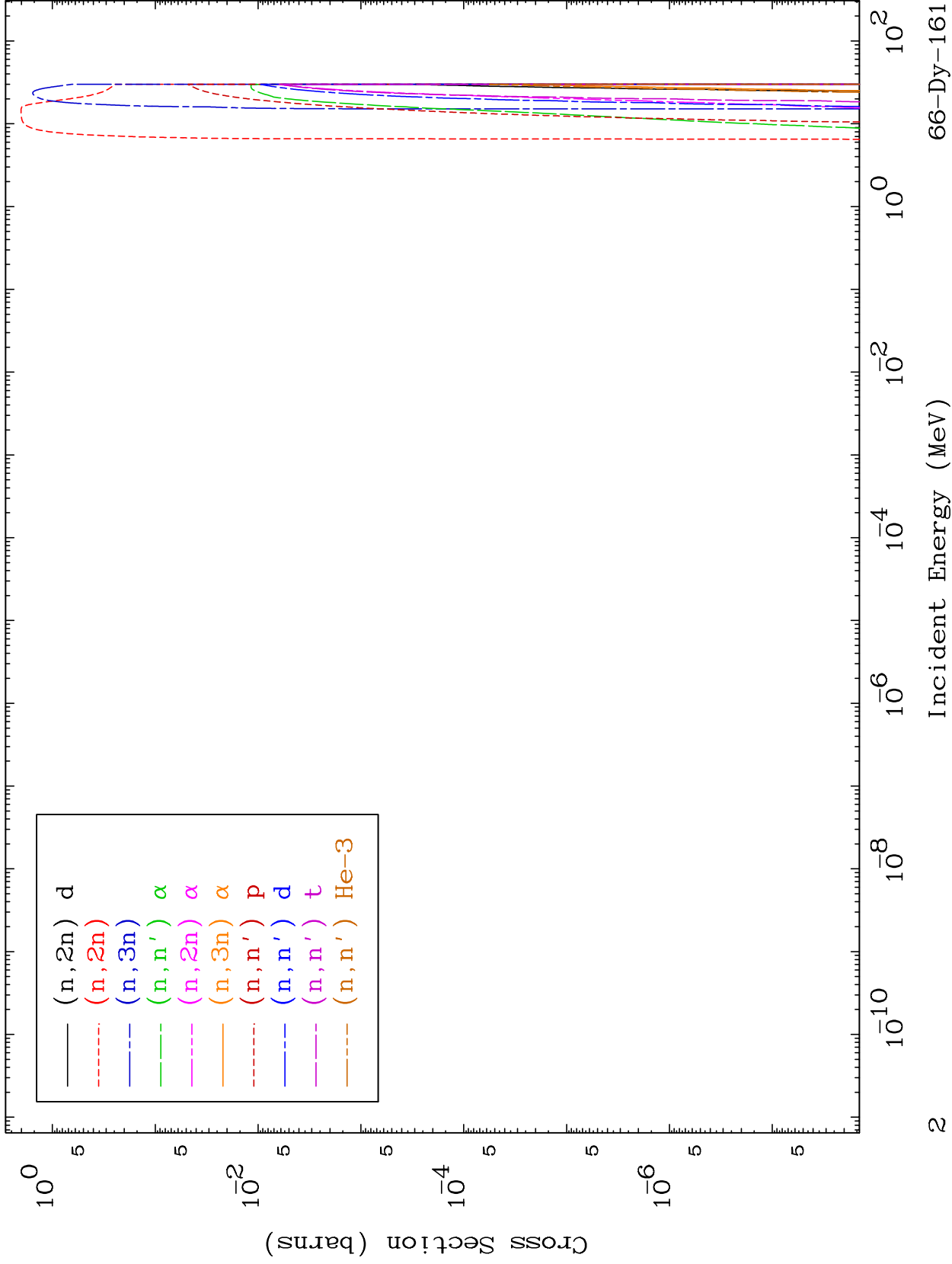
66-Dy-161



MAT 6640

Neutron Absorption
293 Kelvin Cross Sections

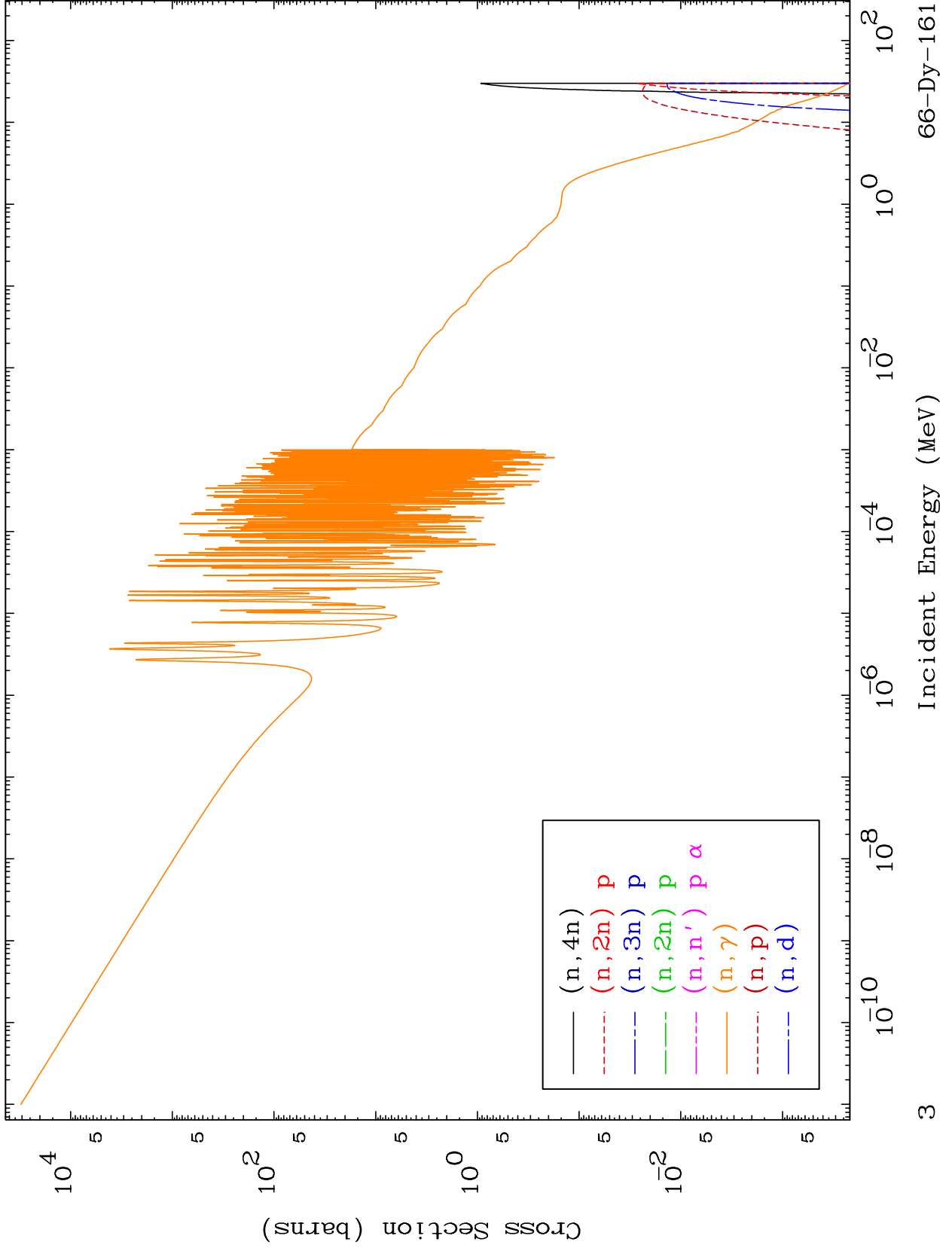
66-Dy-161



MAT 6640

Neutron Absorption
293 Kelvin Cross Sections

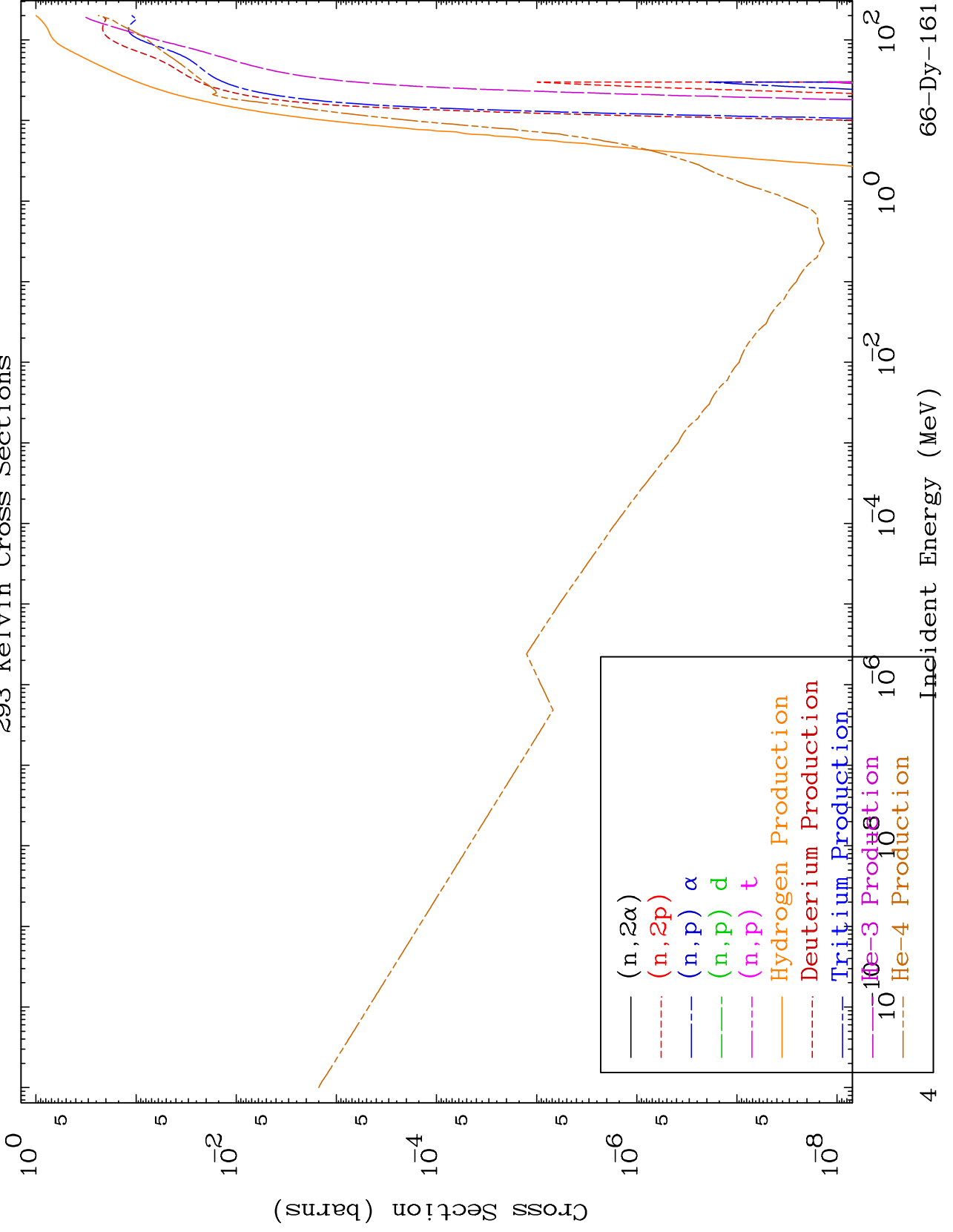
66-Dy-161



MAT 6640

Neutron Absorption
293 Kelvin Cross Sections

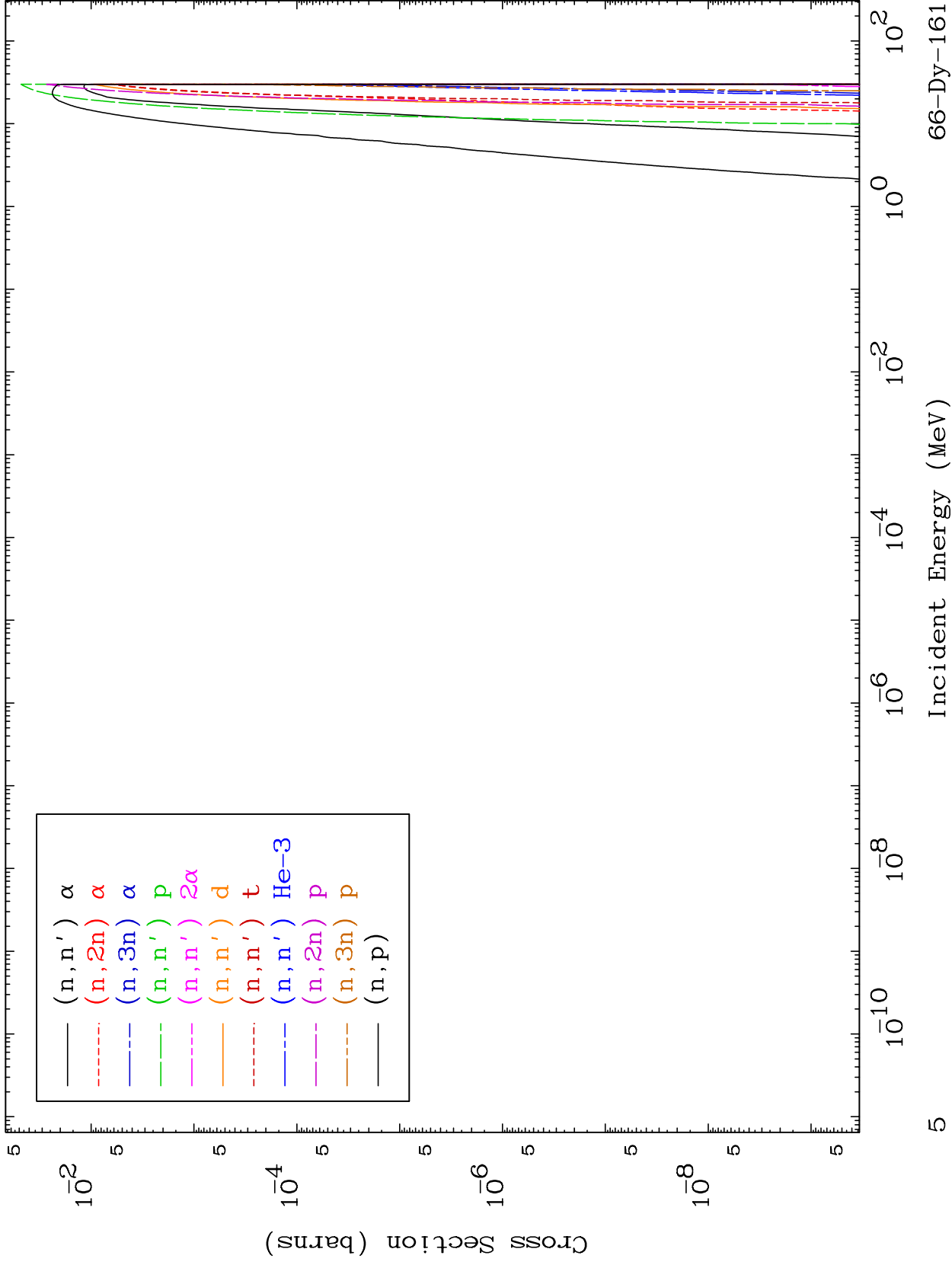
66-Dy-161



MAT 6640

Charged Particle
293 Kelvin Cross Sections

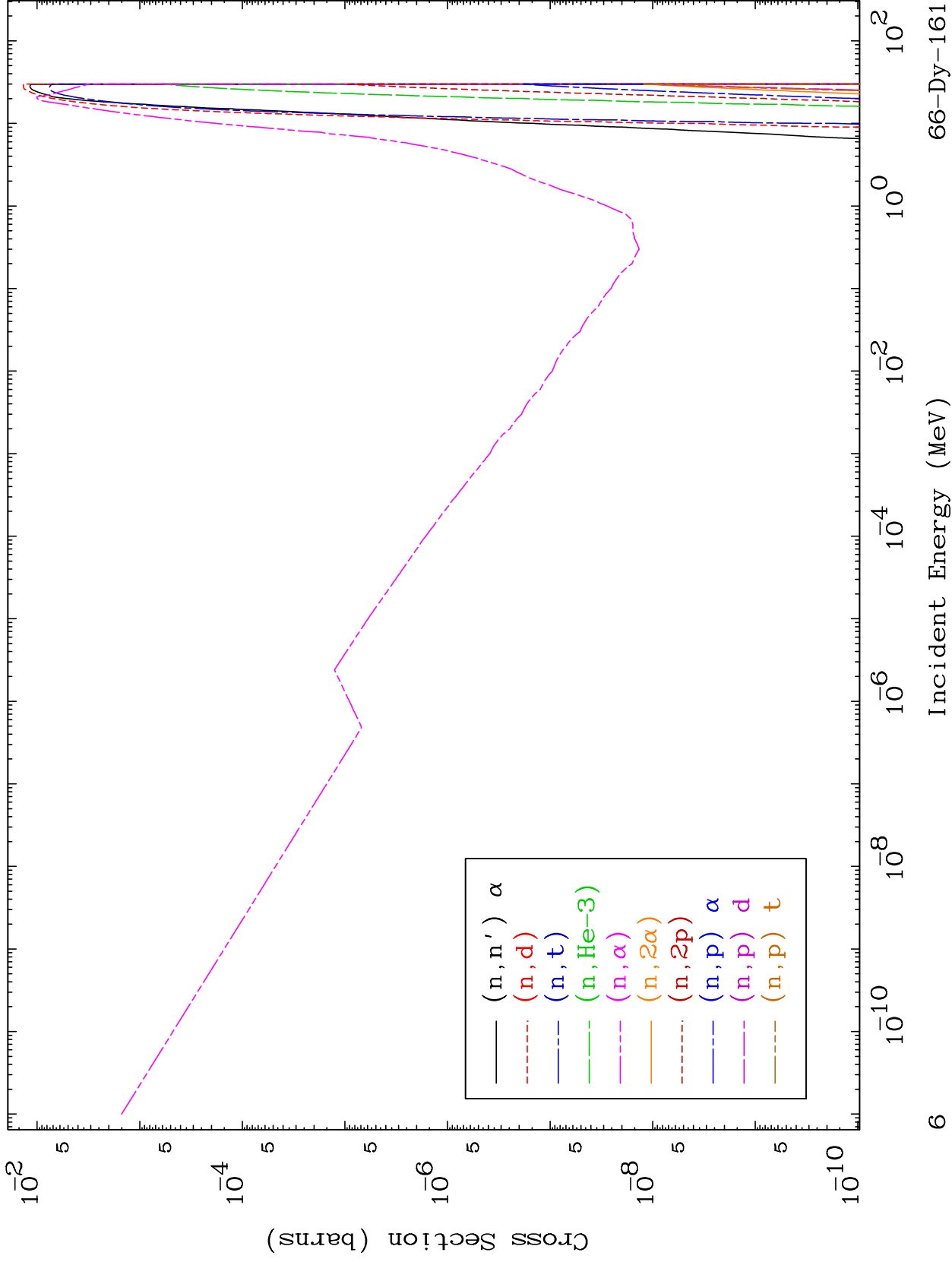
66-Dy-161



MAT 6640

Charged Particle
293 Kelvin Cross Sections

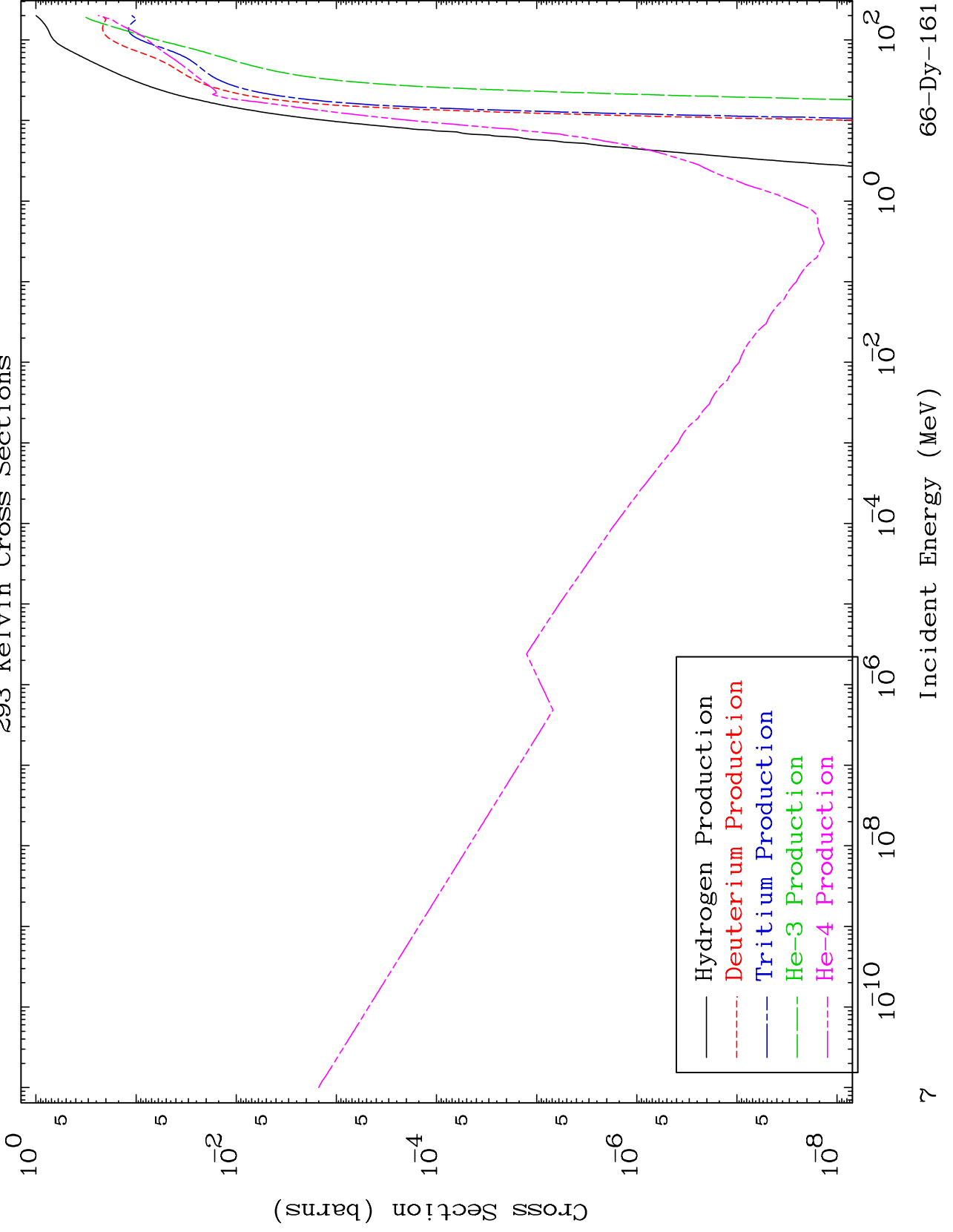
66-Dy-161

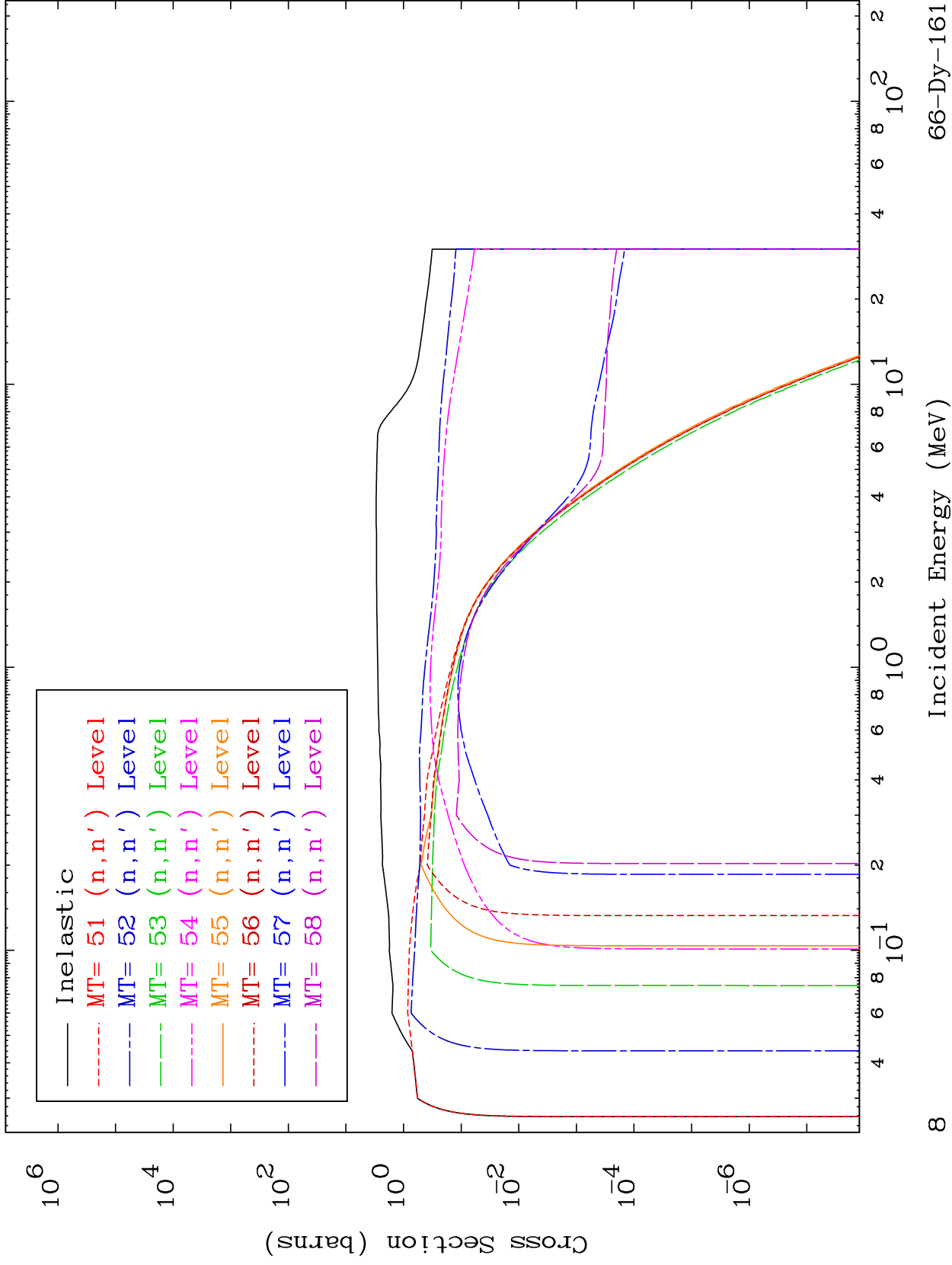


MAT 6640

Particle Production
293 Kelvin Cross Sections

66-Dy-161

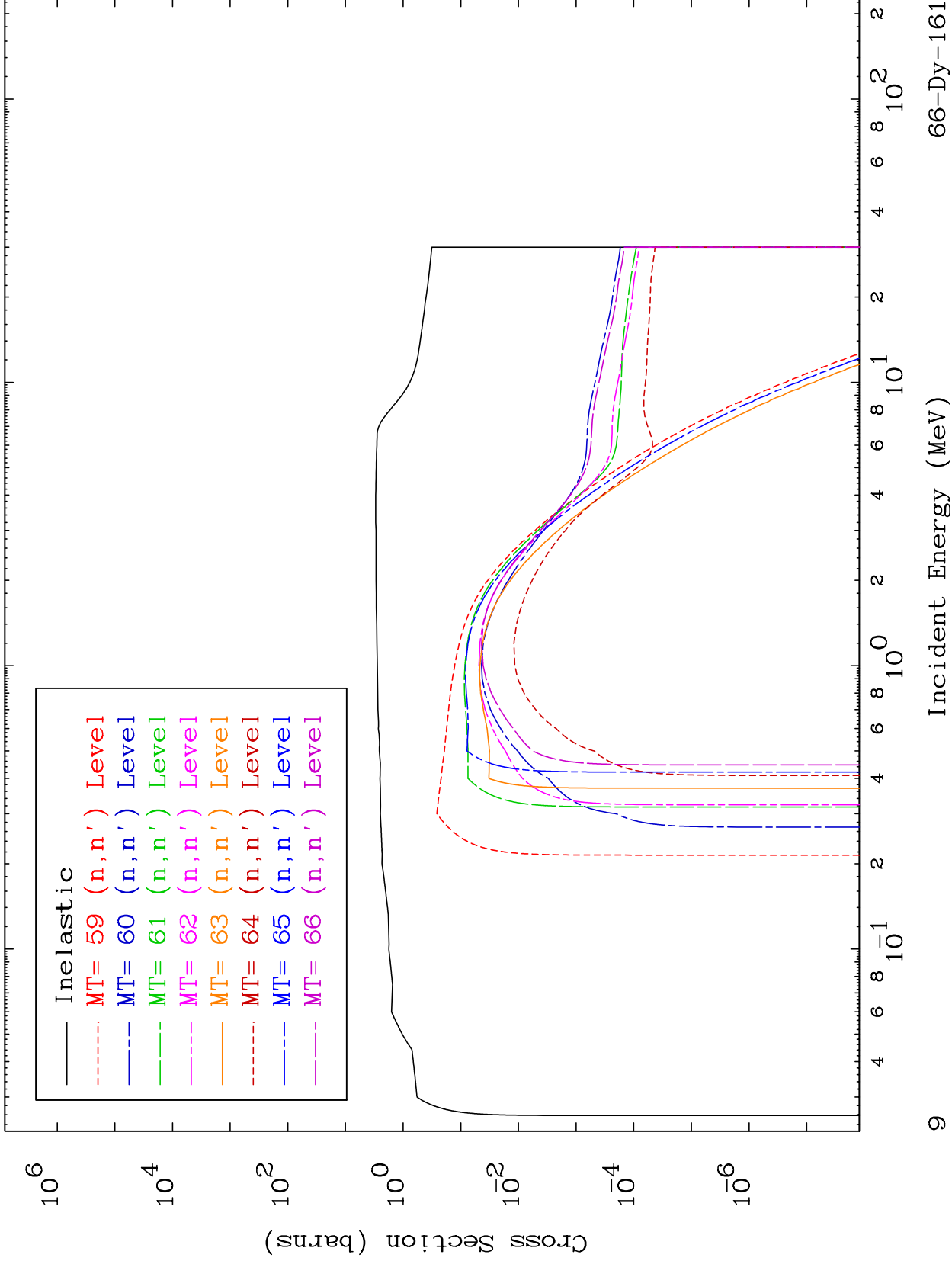




MAT 6640

(n,n') Levels
293 Kelvin Cross Sections

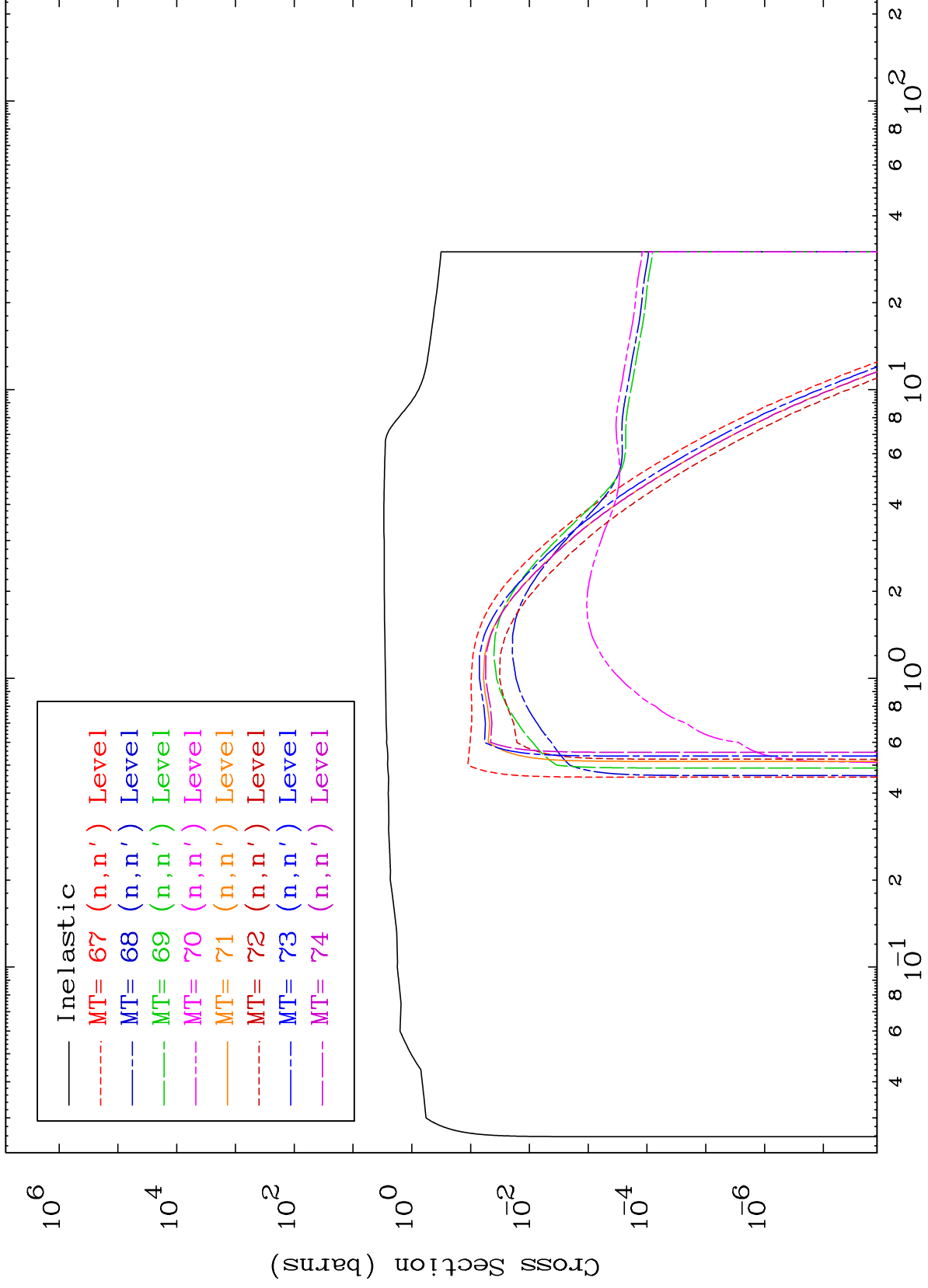
66-Dy-161



MAT 6640

(n,n') Levels
293 Kelvin Cross Sections

66-Dy-161



10

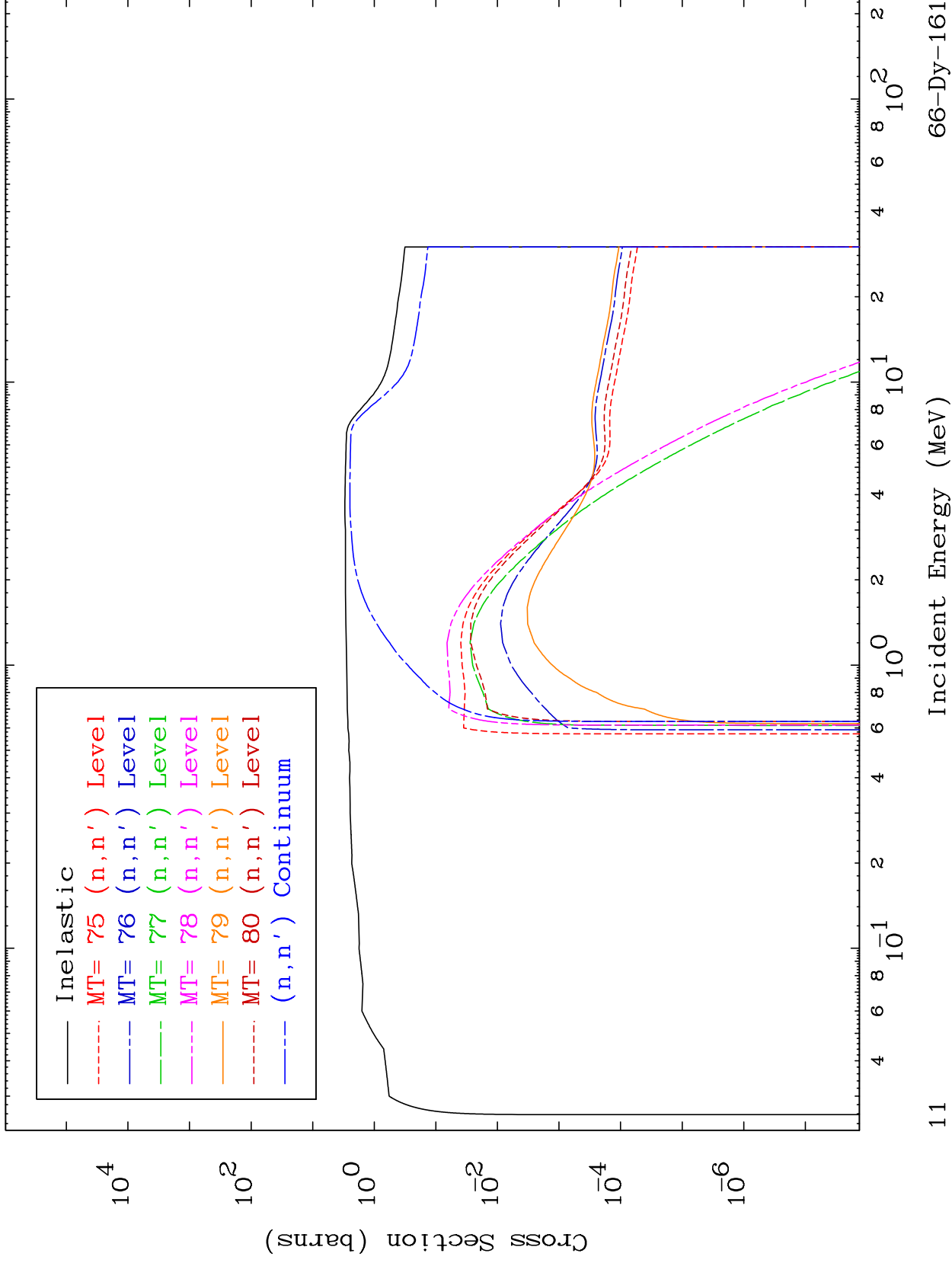
Incident Energy (MeV)

66-Dy-161

MAT 6640

(n,n') Levels
293 Kelvin Cross Sections

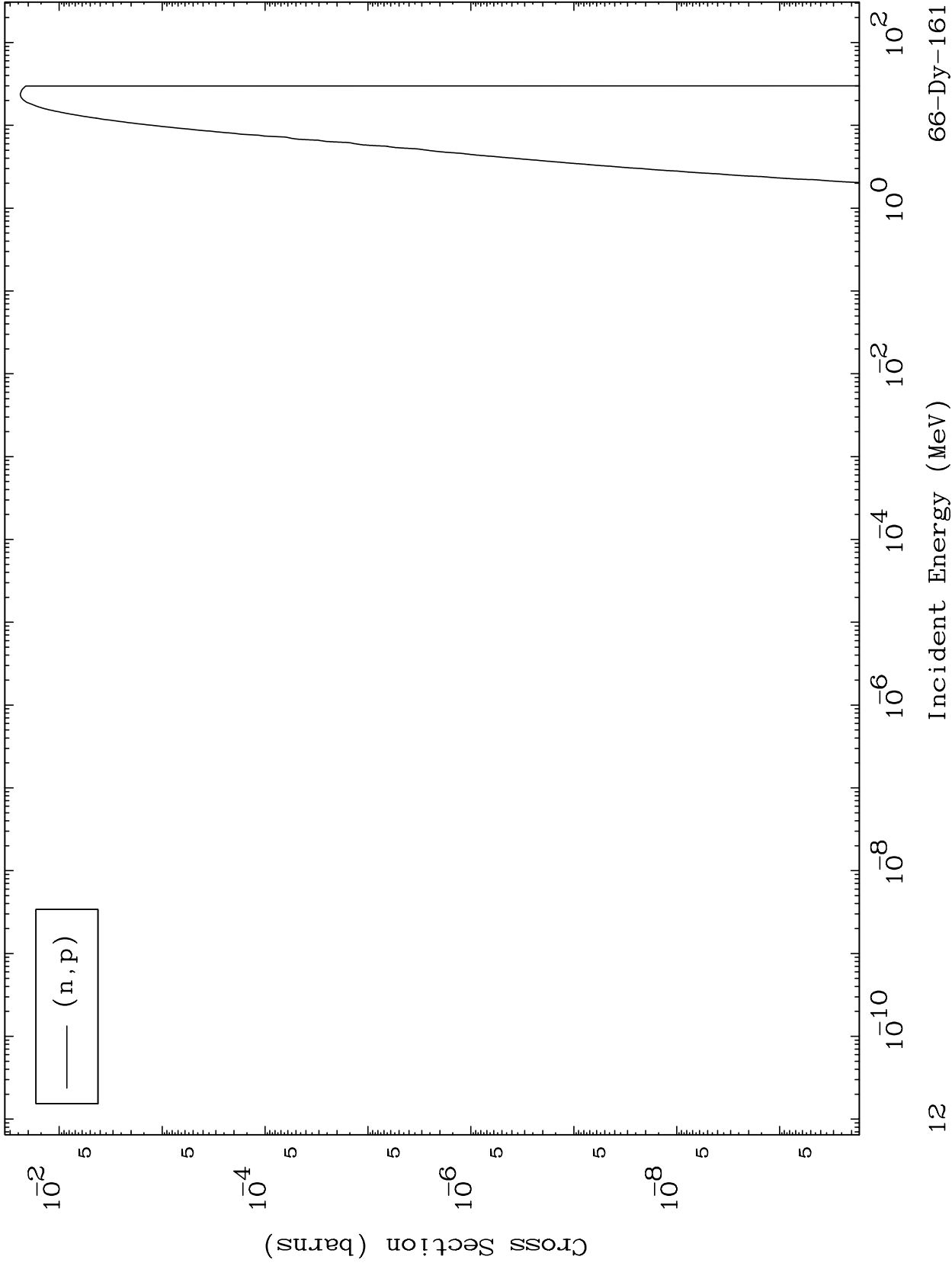
66-Dy-161



MAT 6640

(n,p) Levels
293 Kelvin Cross Sections

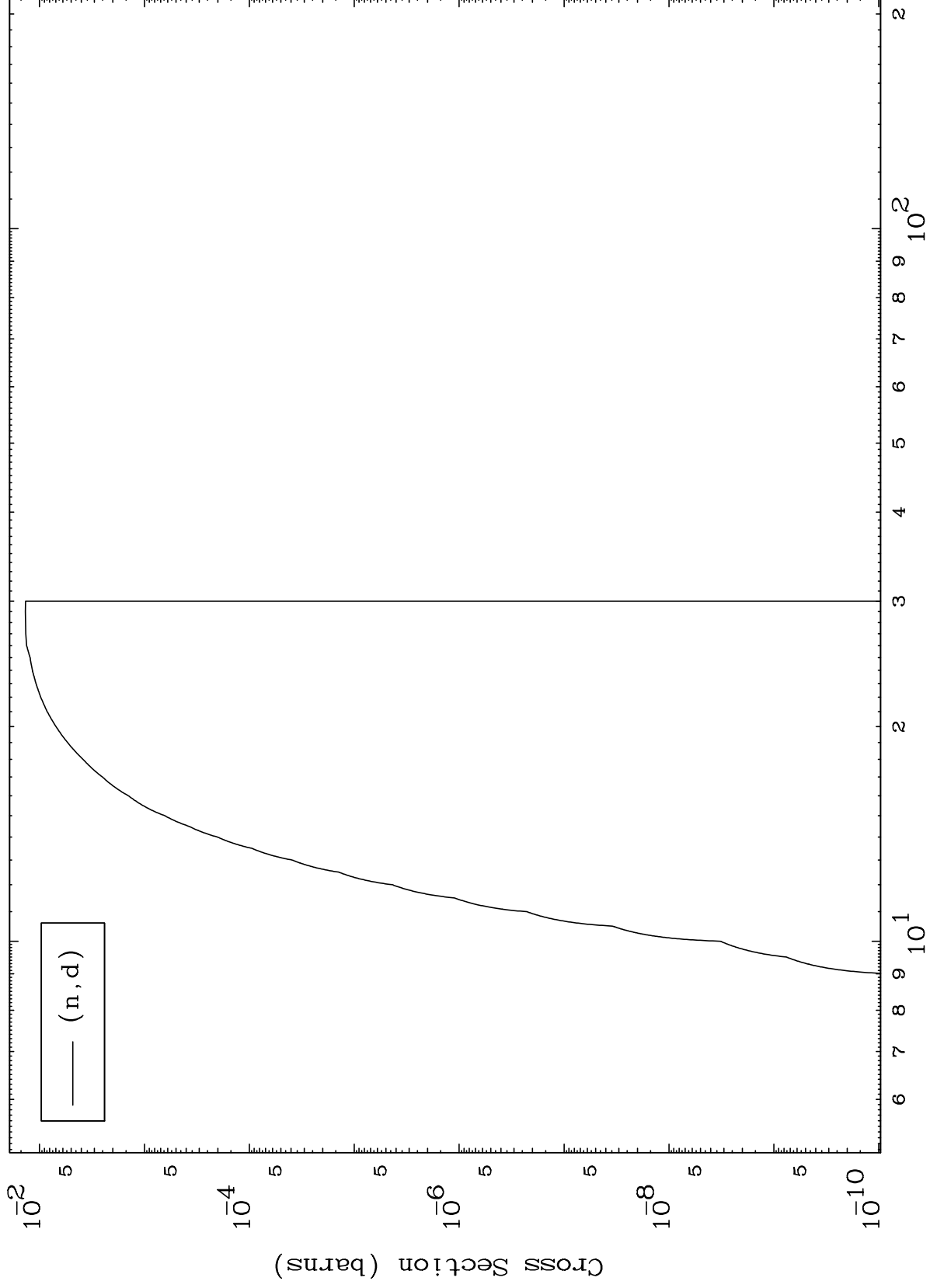
66-Dy-161



MAT 6640

(n,d) Levels
293 Kelvin Cross Sections

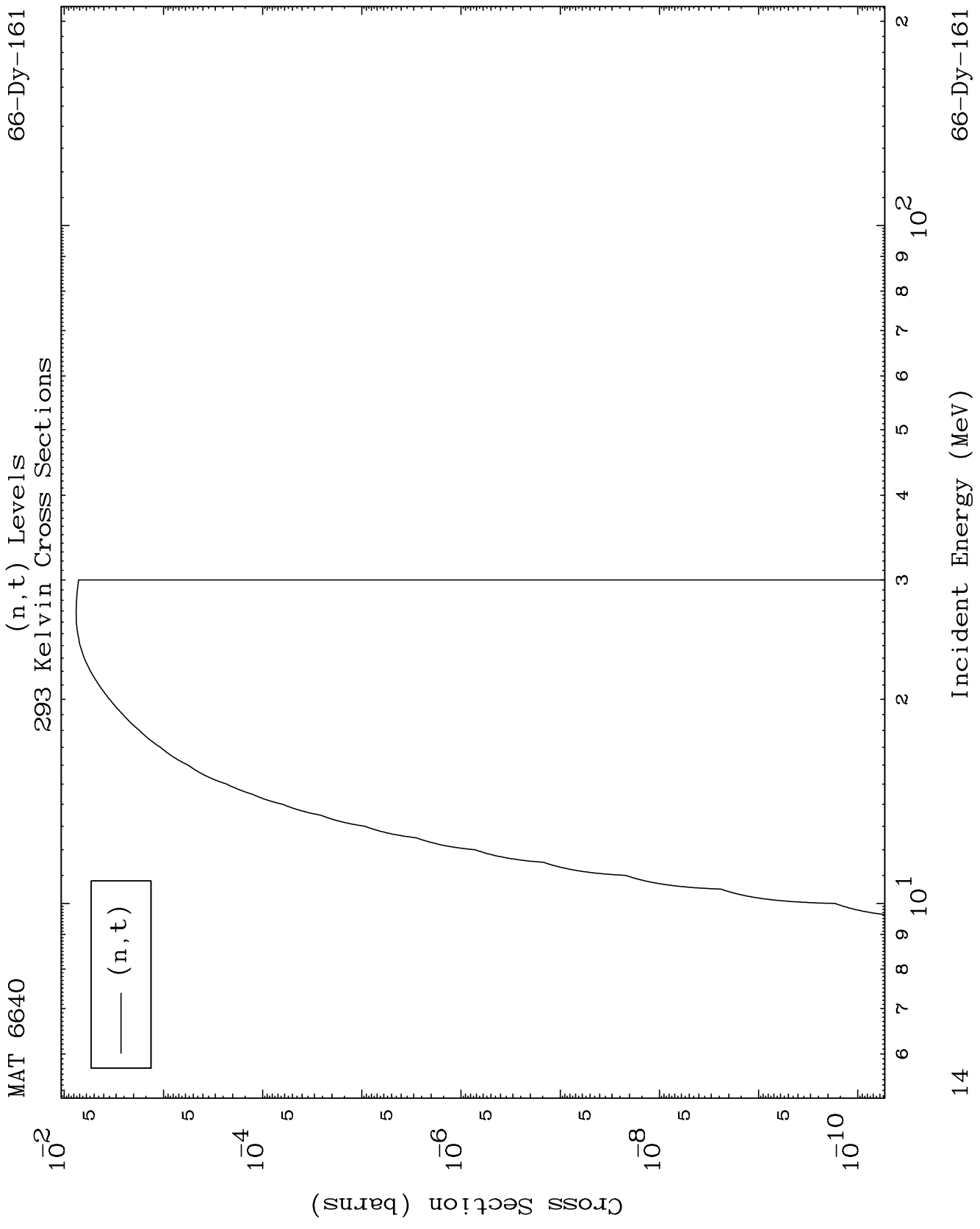
66-Dy-161



13

Incident Energy (MeV)

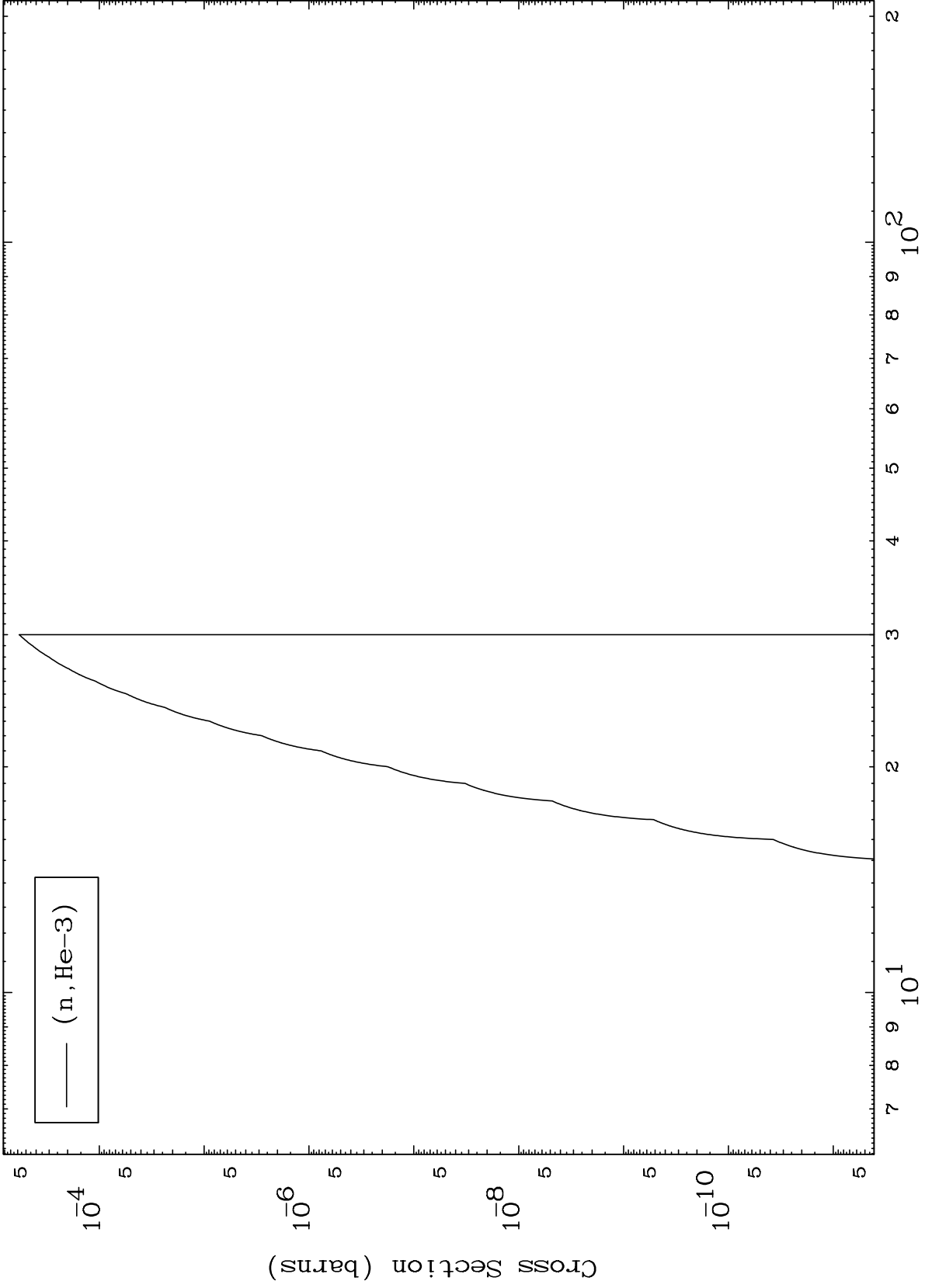
66-Dy-161



MAT 6640

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-161



15

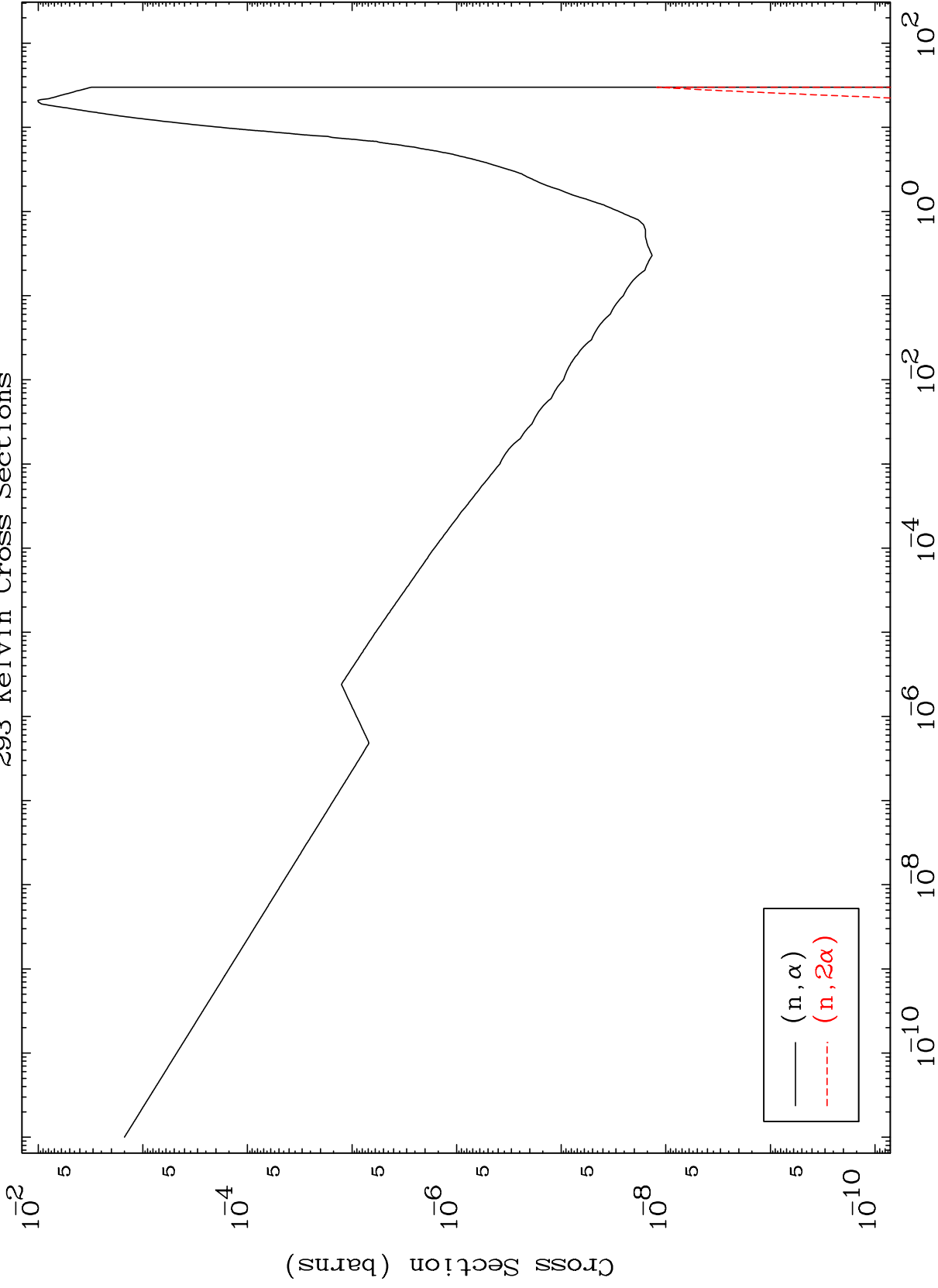
Incident Energy (MeV)

66-Dy-161

MAT 6640

(n,α) Levels
293 Kelvin Cross Sections

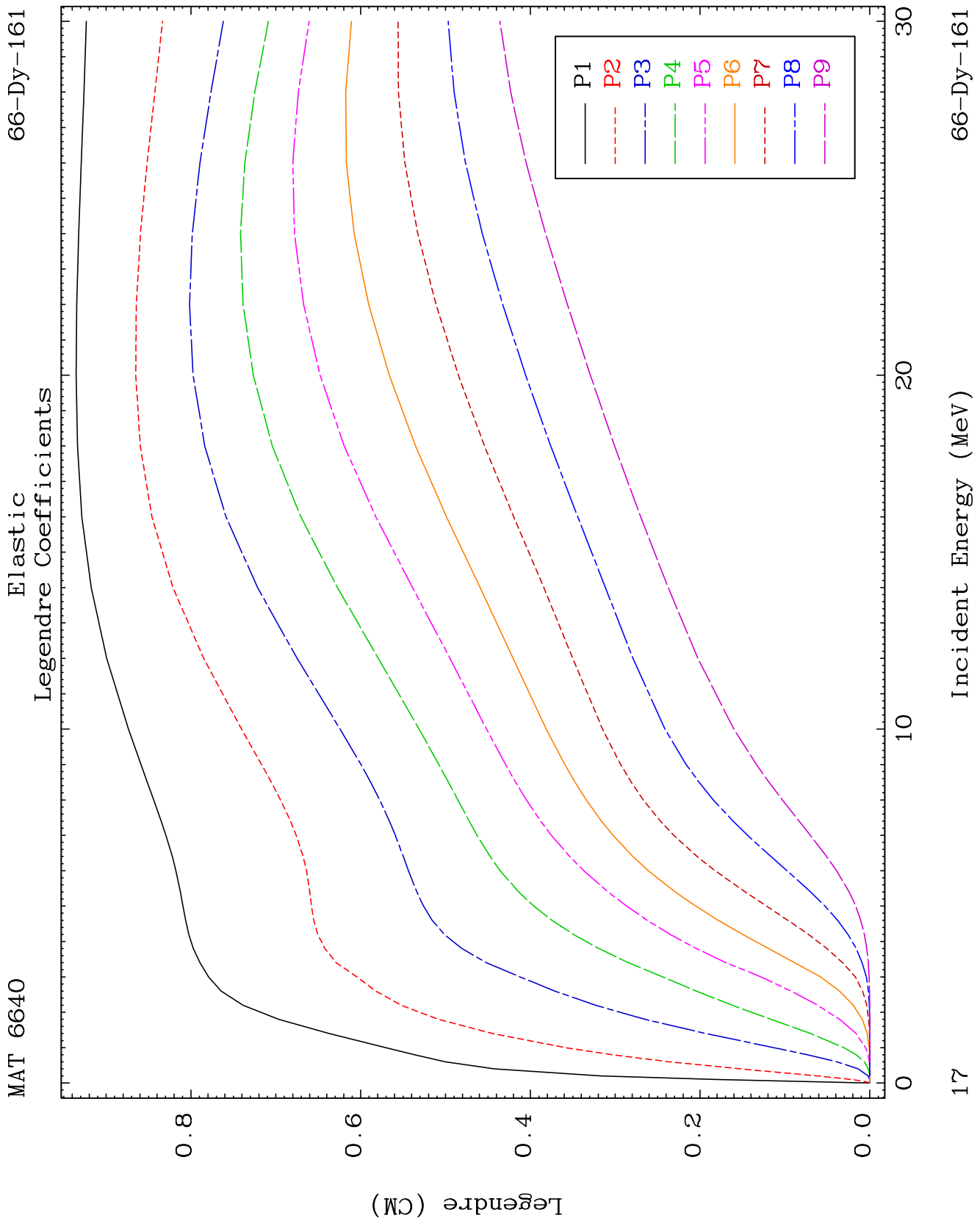
66-Dy-161



16

Incident Energy (MeV)

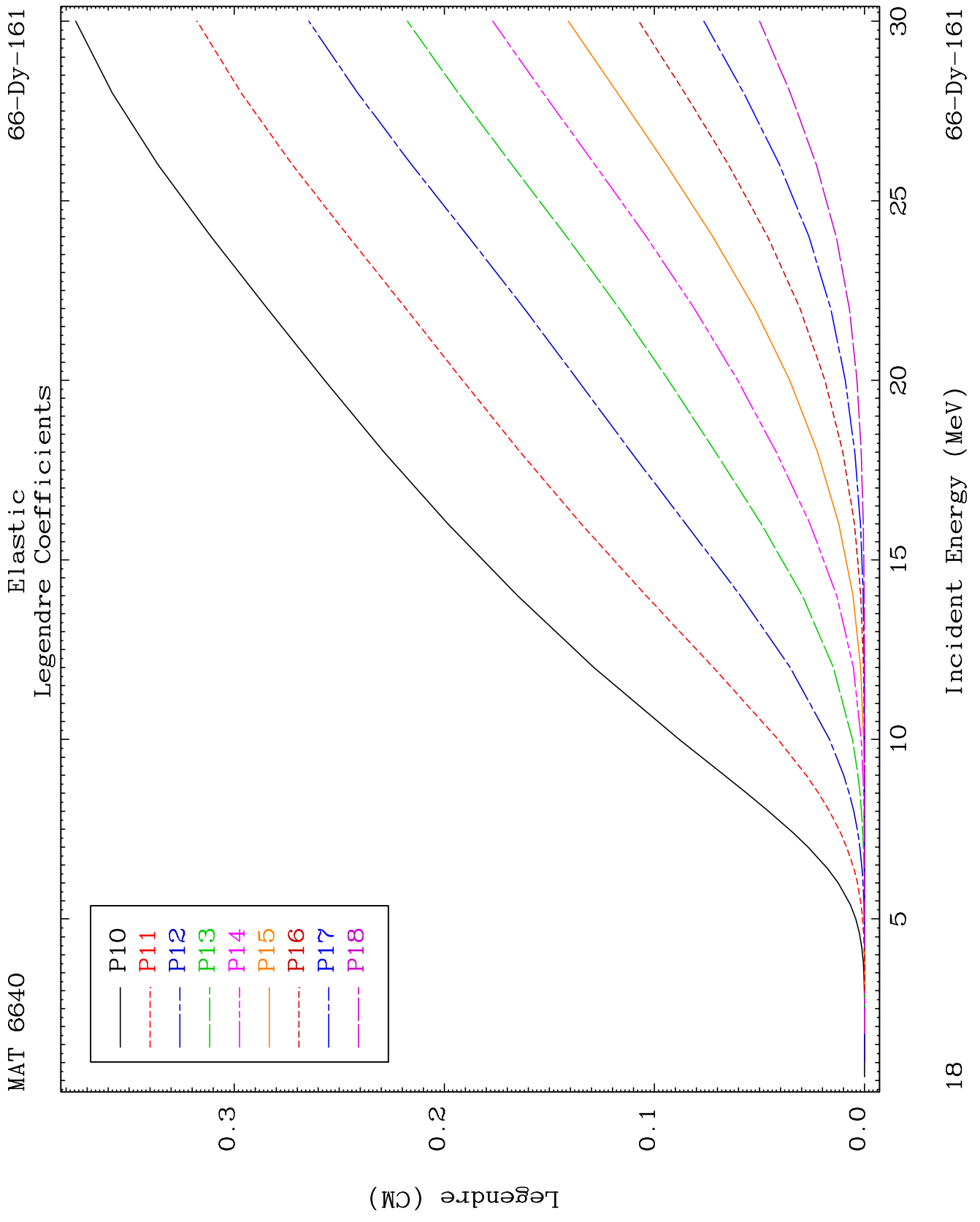
66-Dy-161

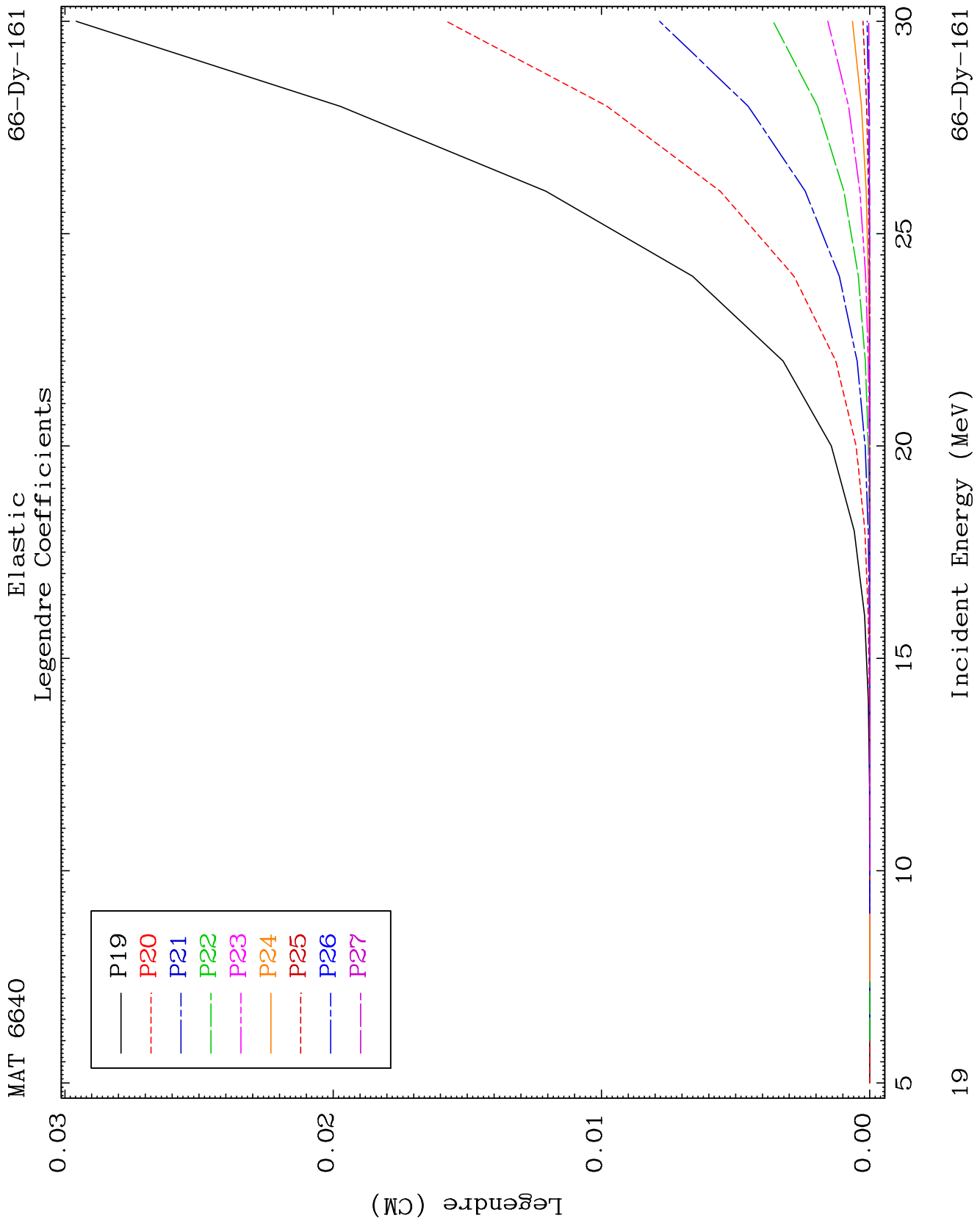


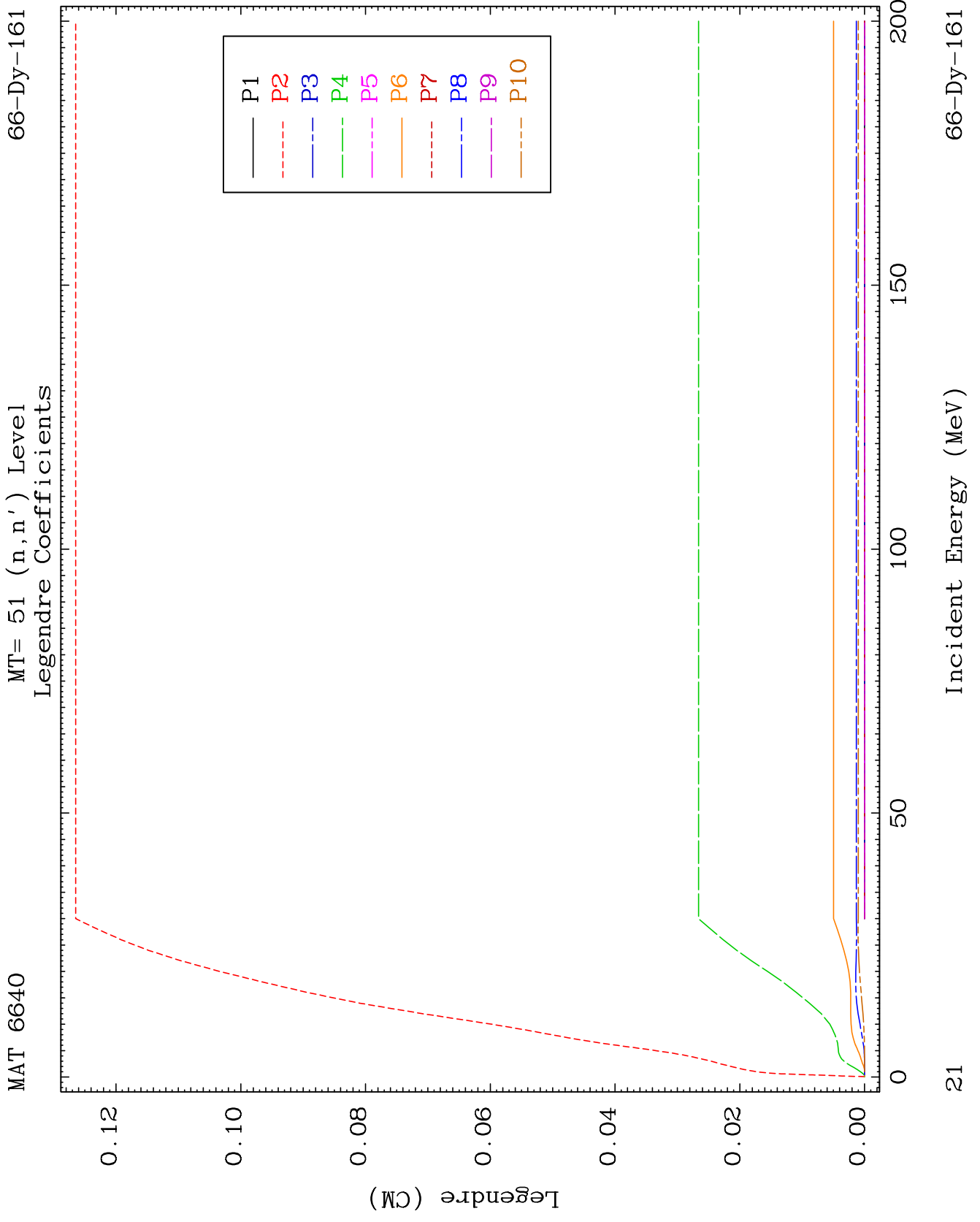
66-Dy-161

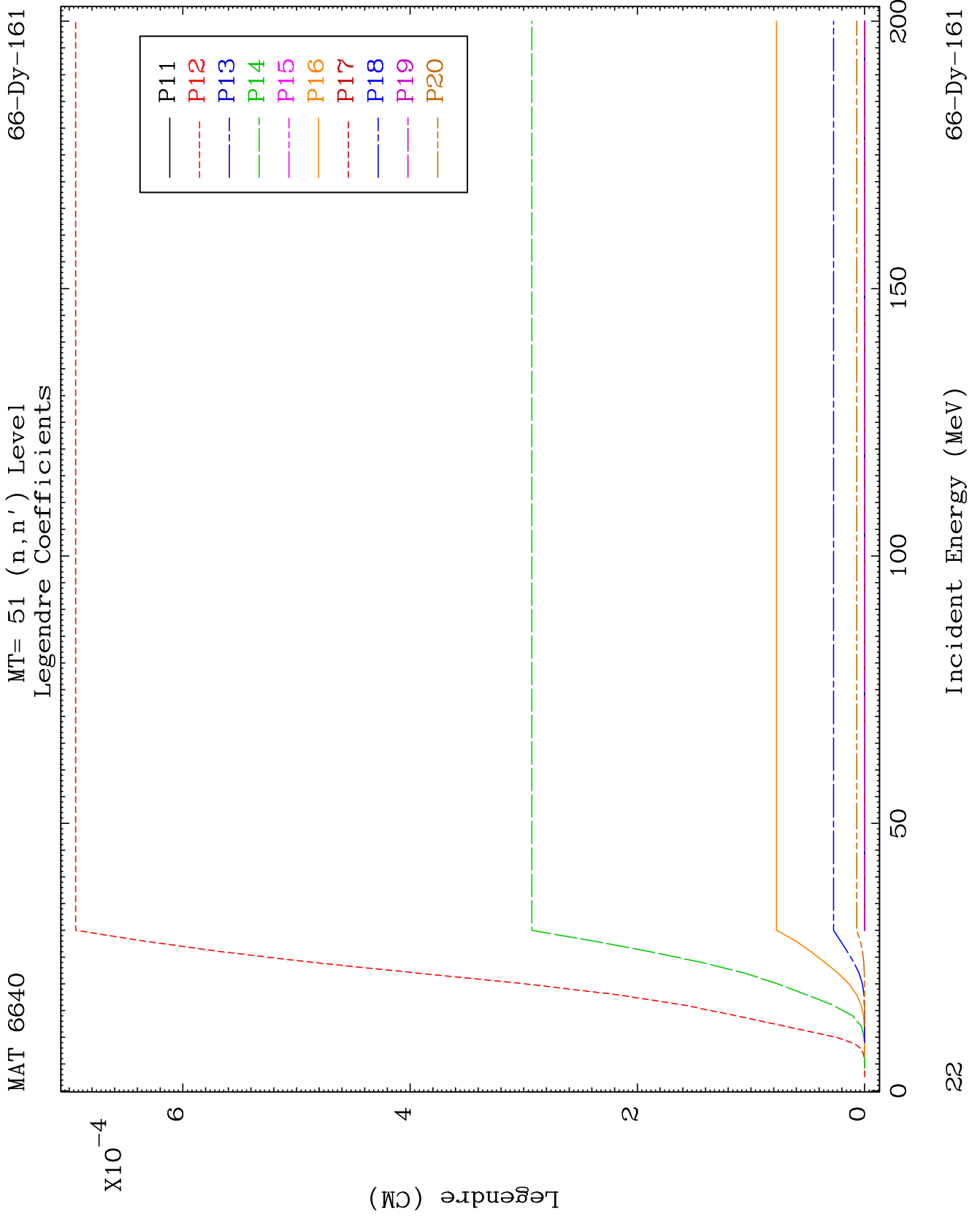
Incident Energy (MeV)

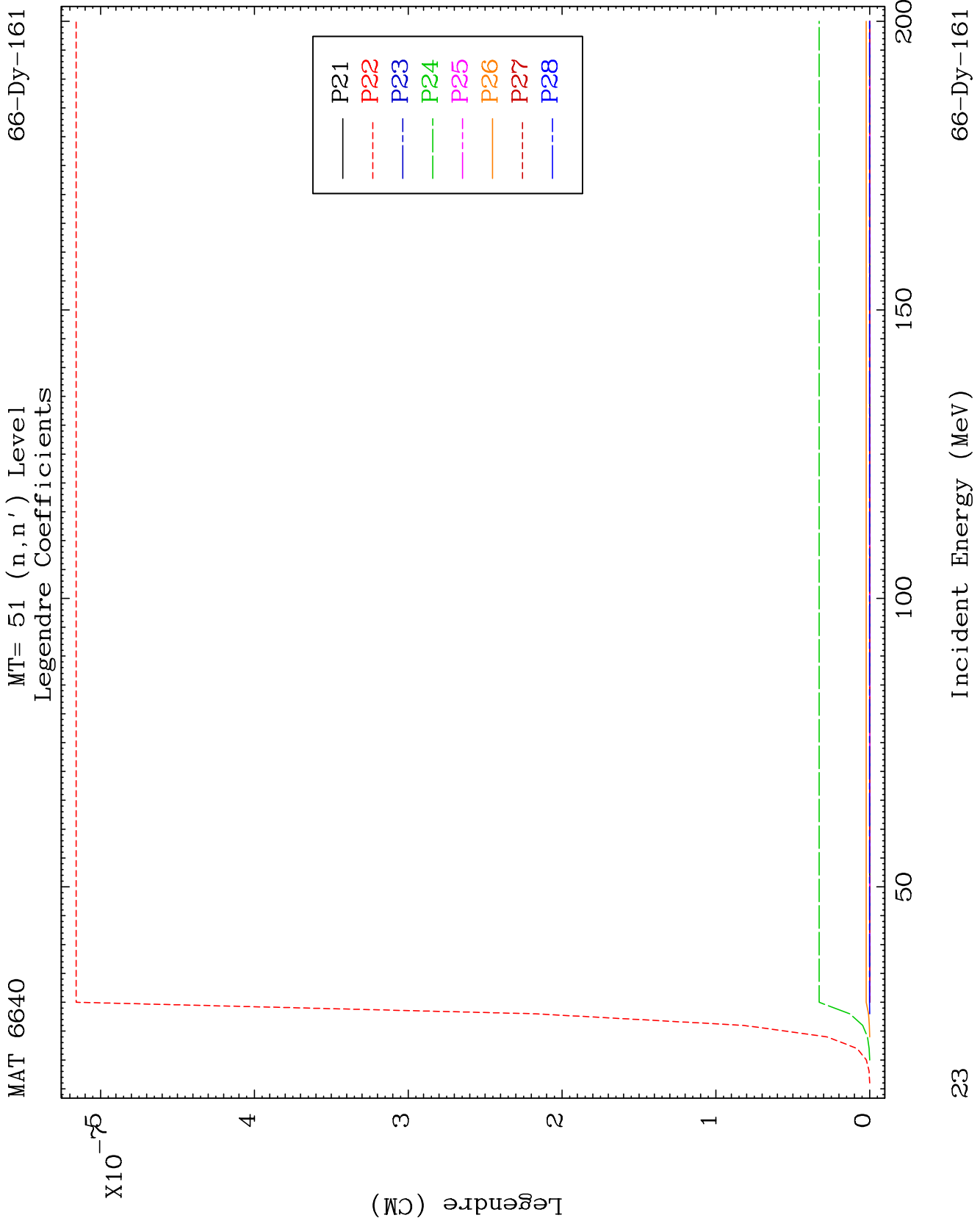
17







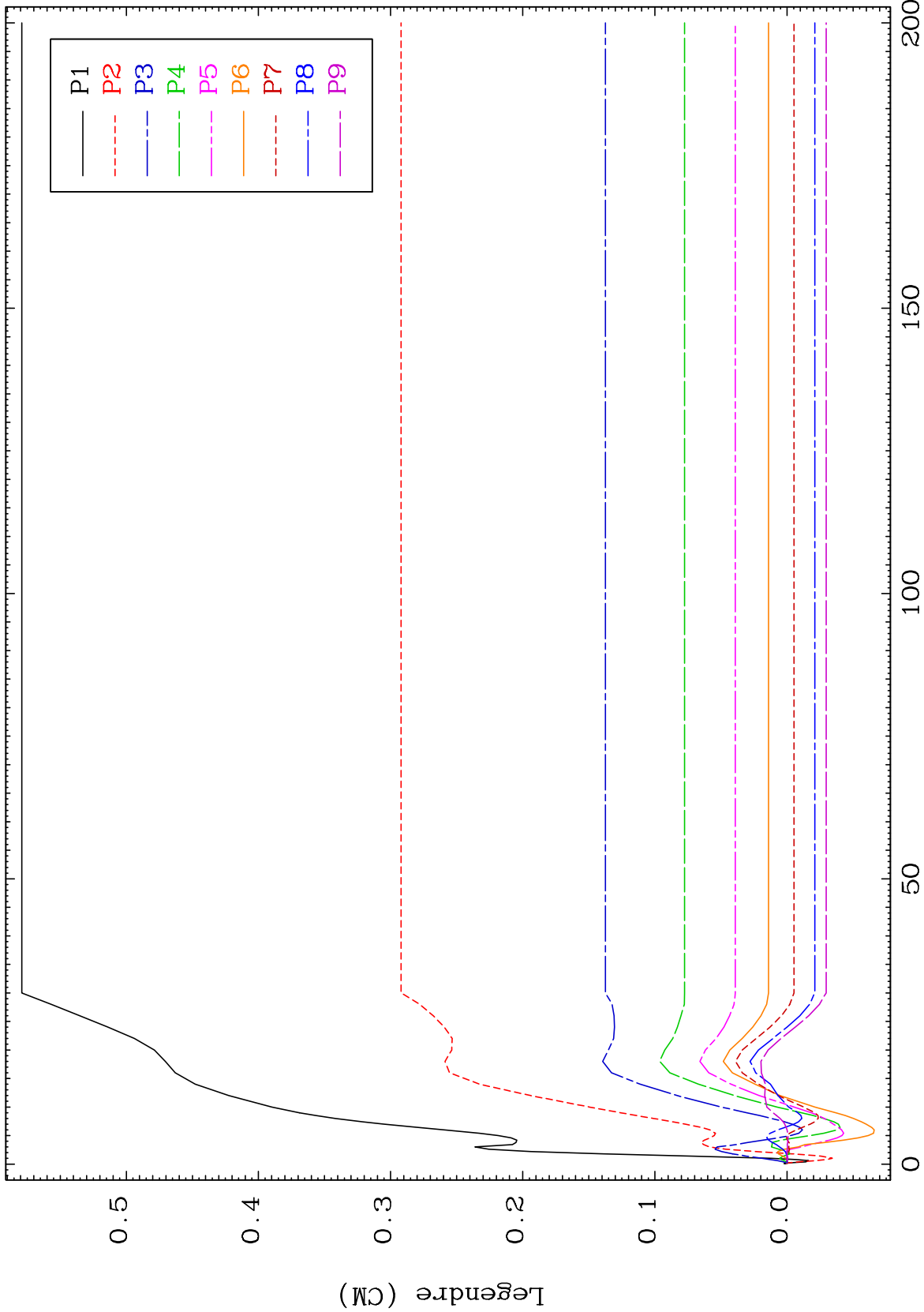




MAT 6640

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

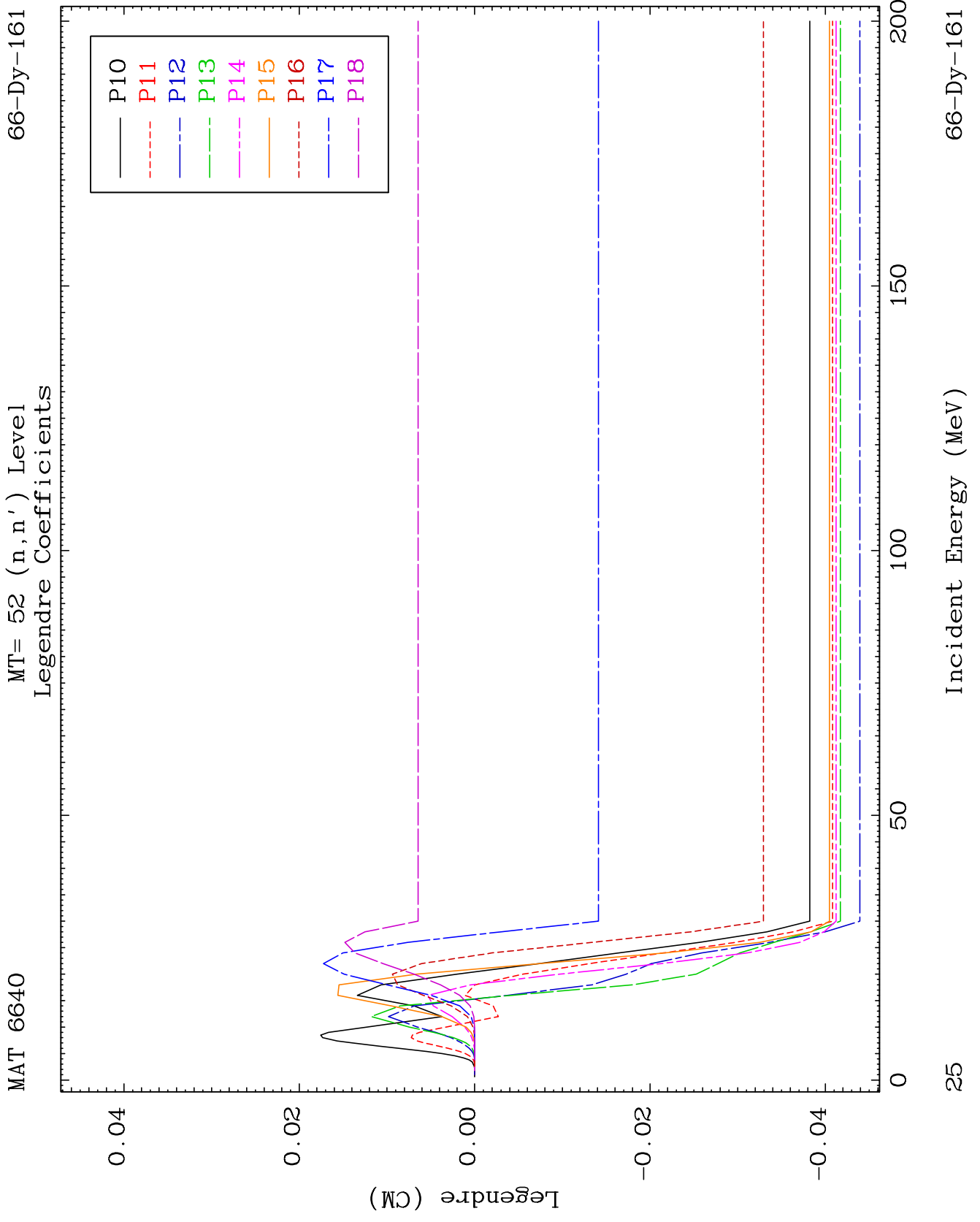
66-Dy-161



24

Incident Energy (MeV)

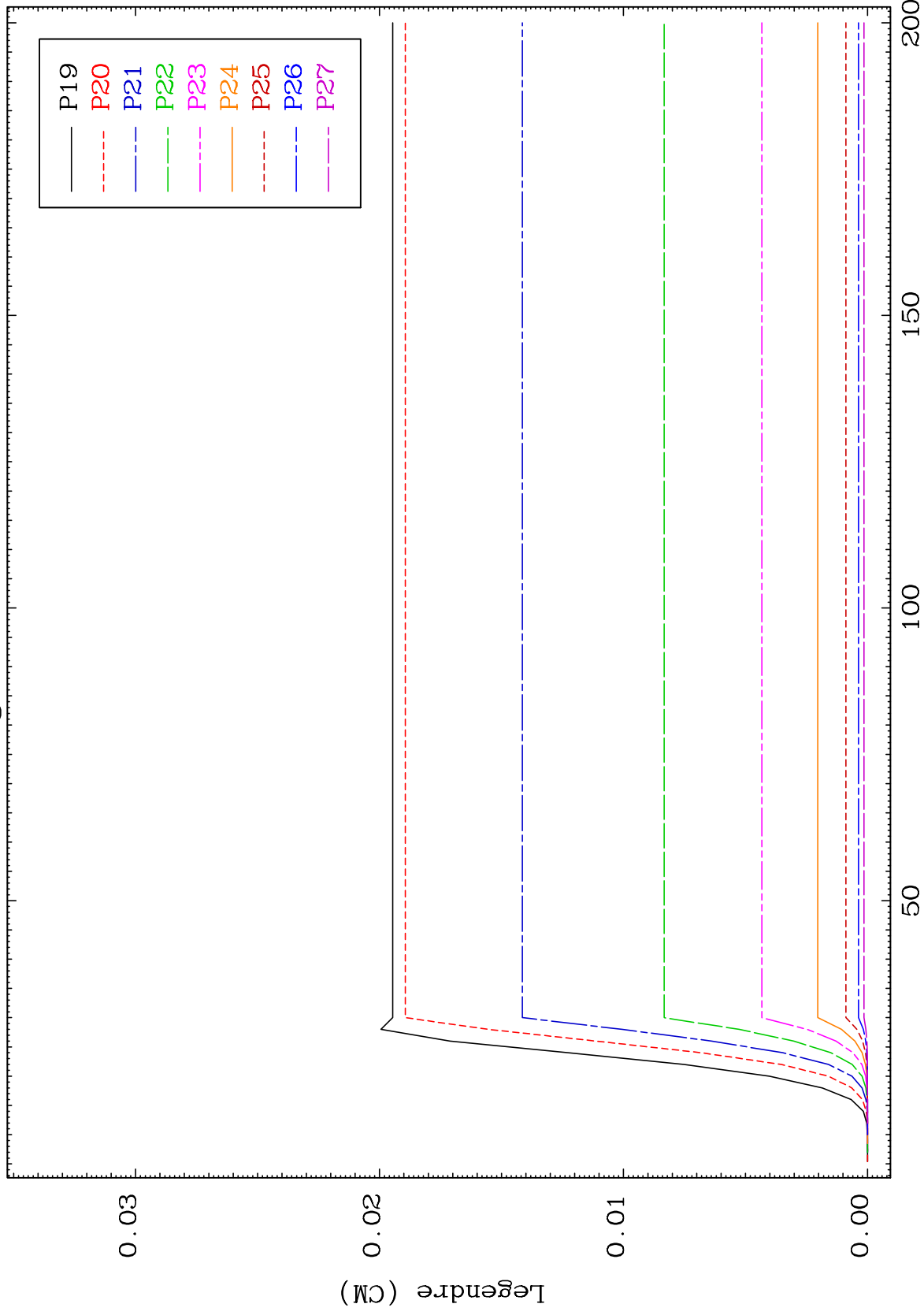
66-Dy-161



MAT 6640

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

66-Dy-161



26

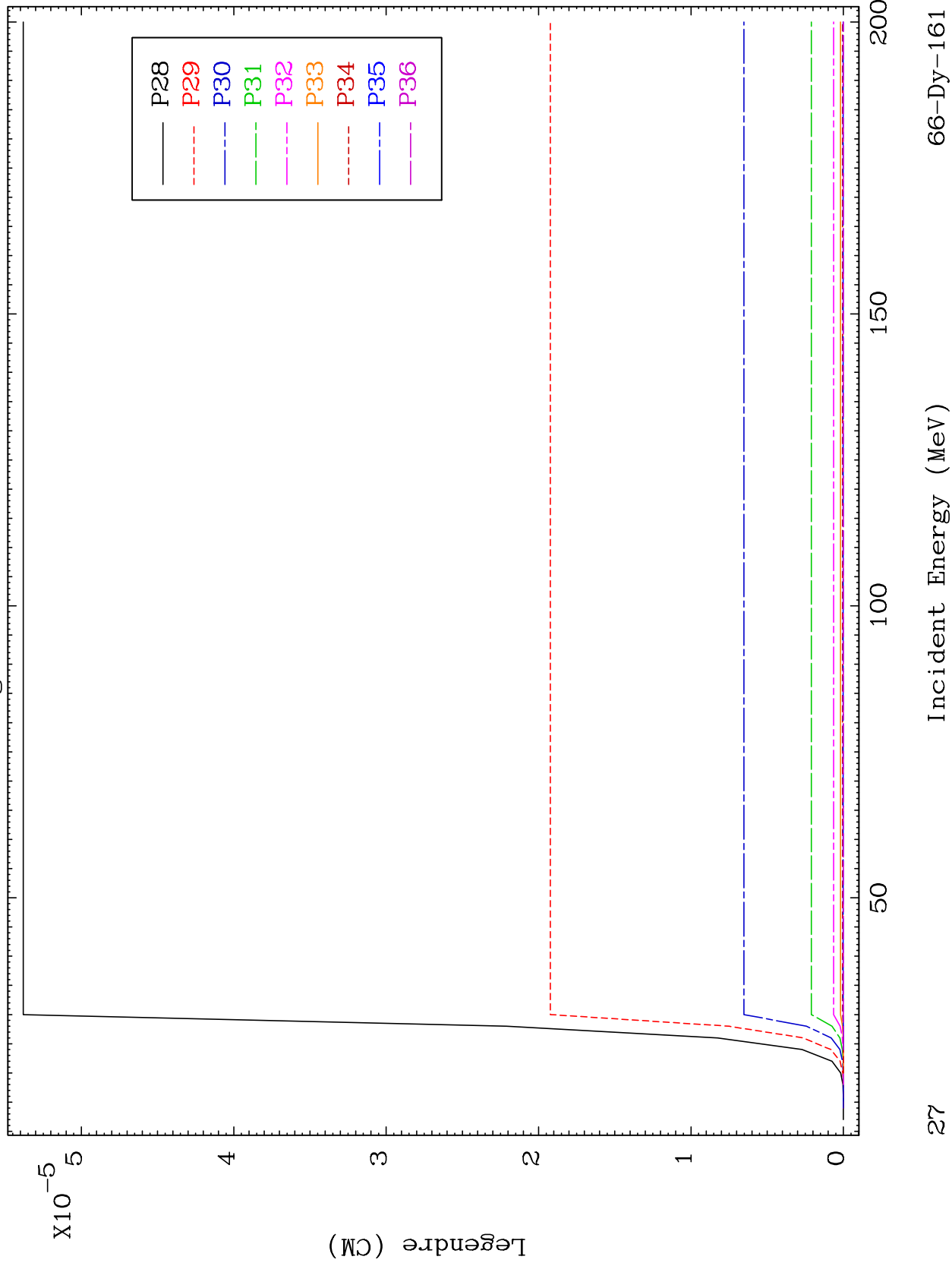
Incident Energy (MeV)

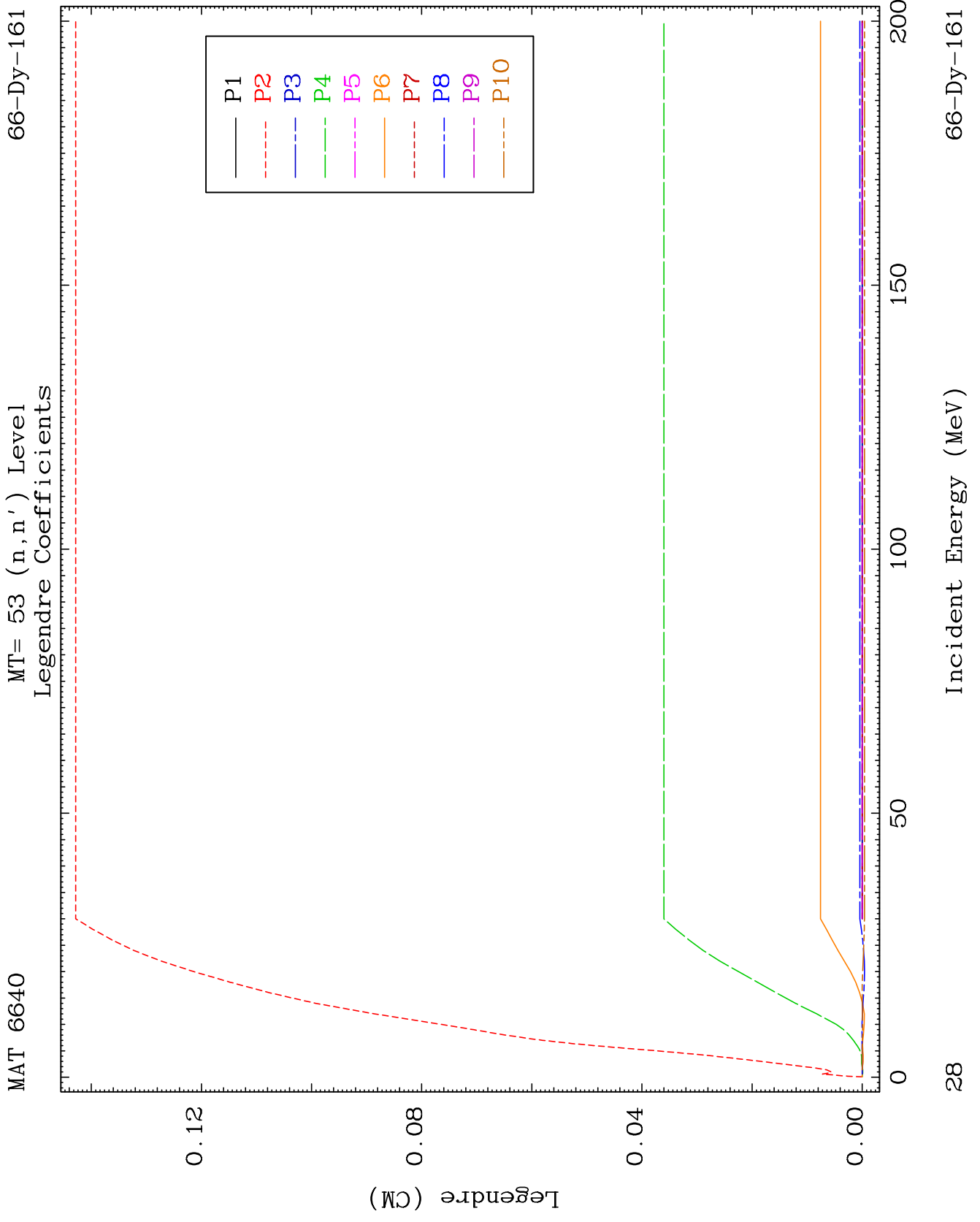
66-Dy-161

MAT 6640

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

66-Dy-161

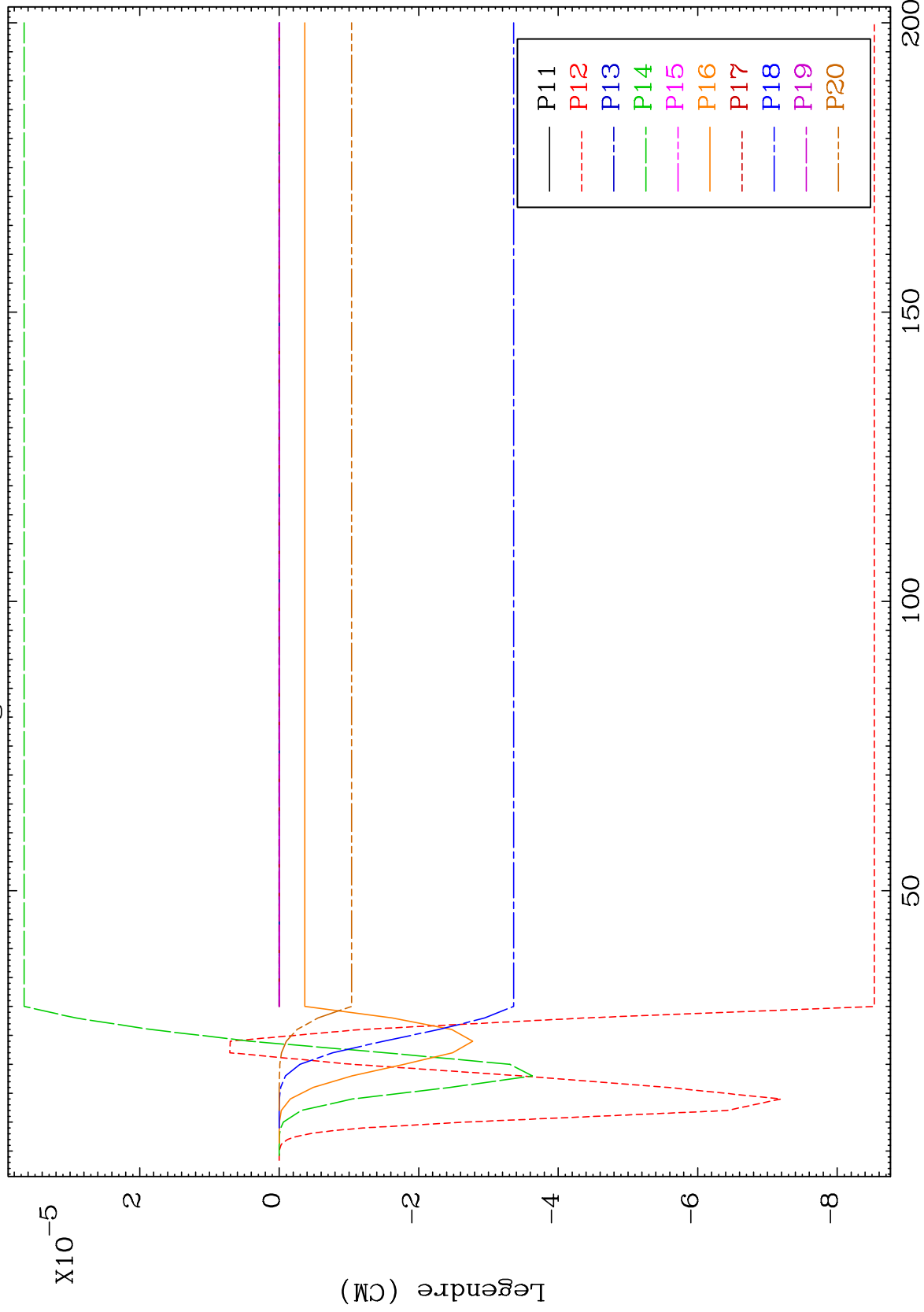




MAT 6640

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

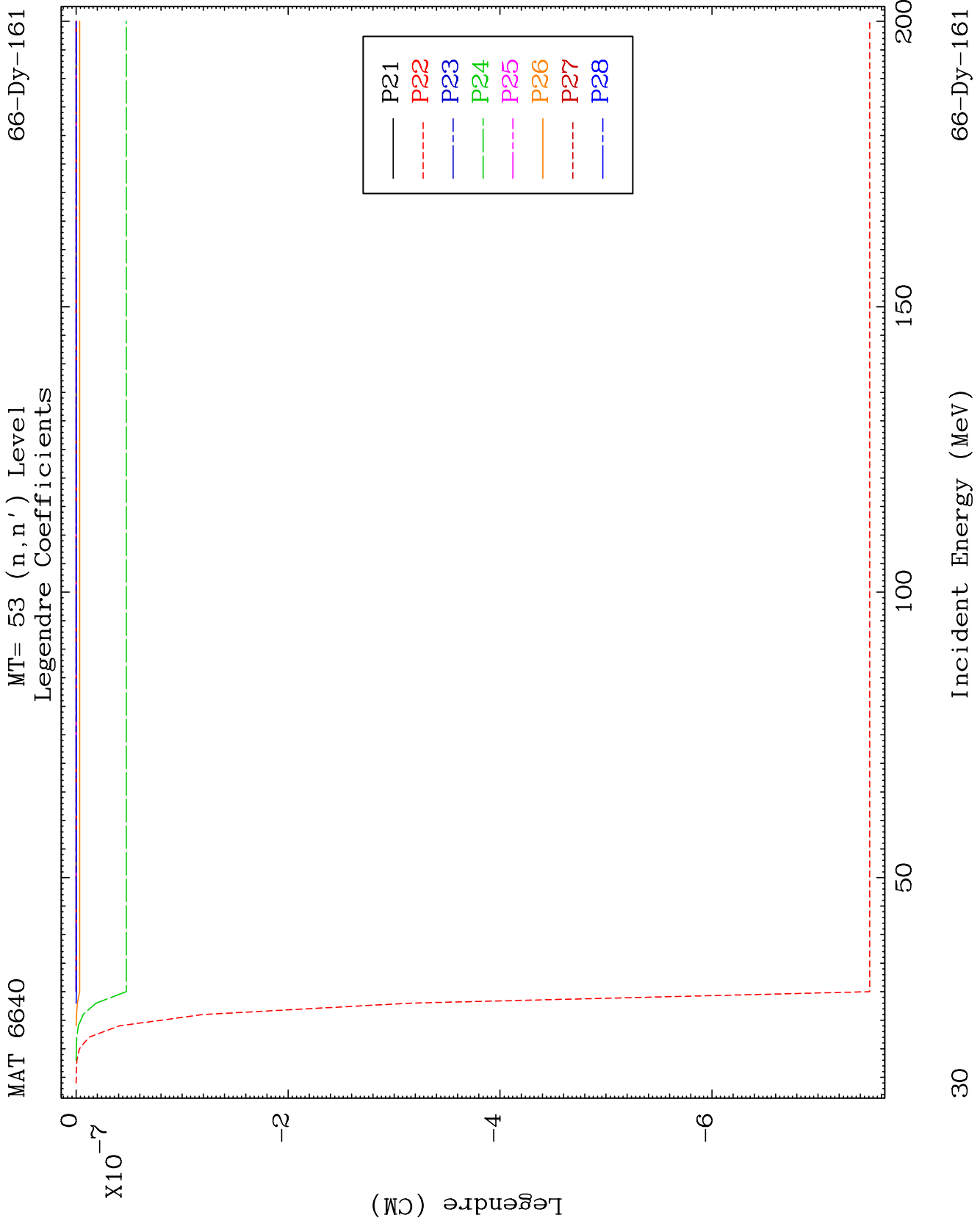
66-Dy-161

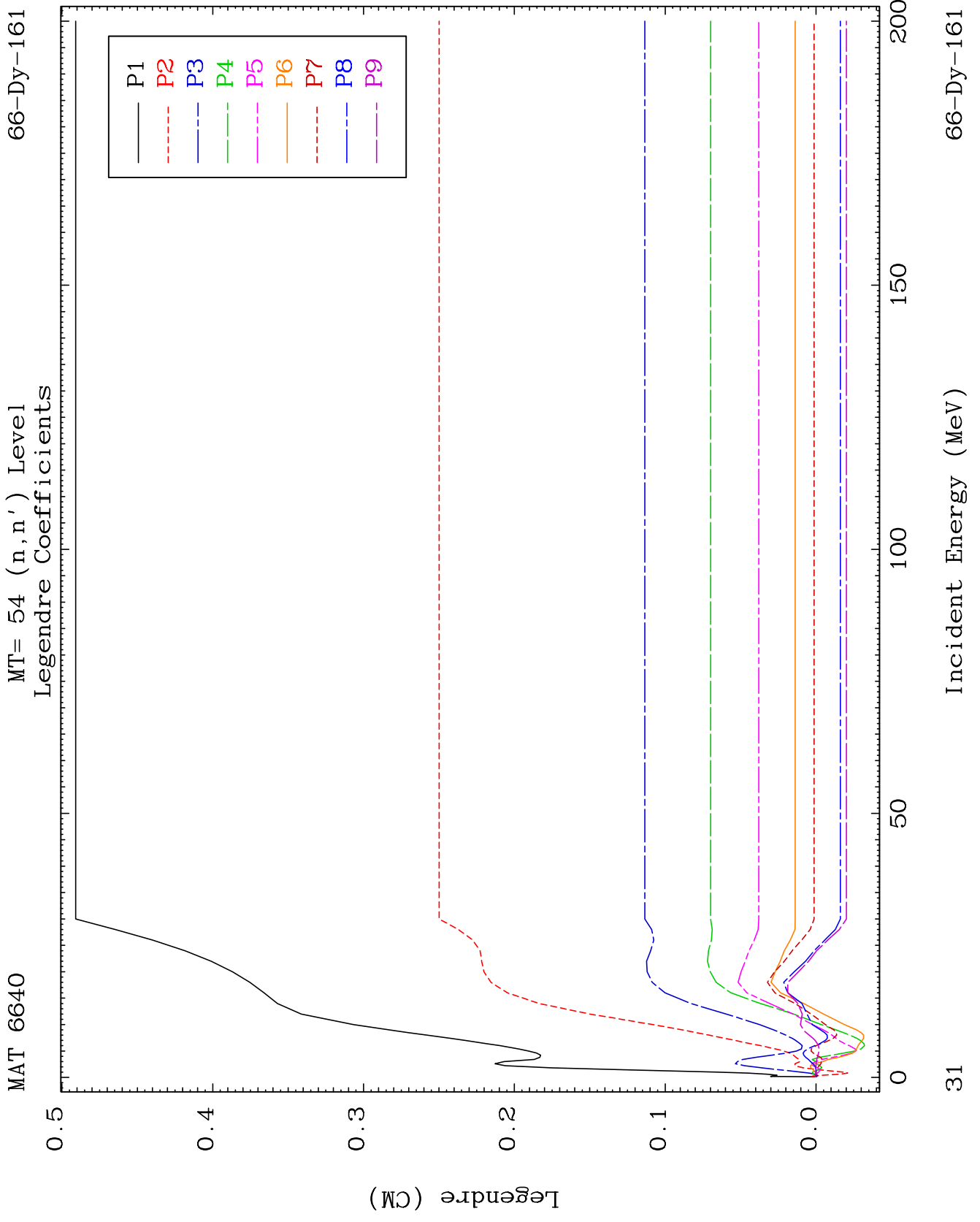


29

Incident Energy (MeV)

66-Dy-161

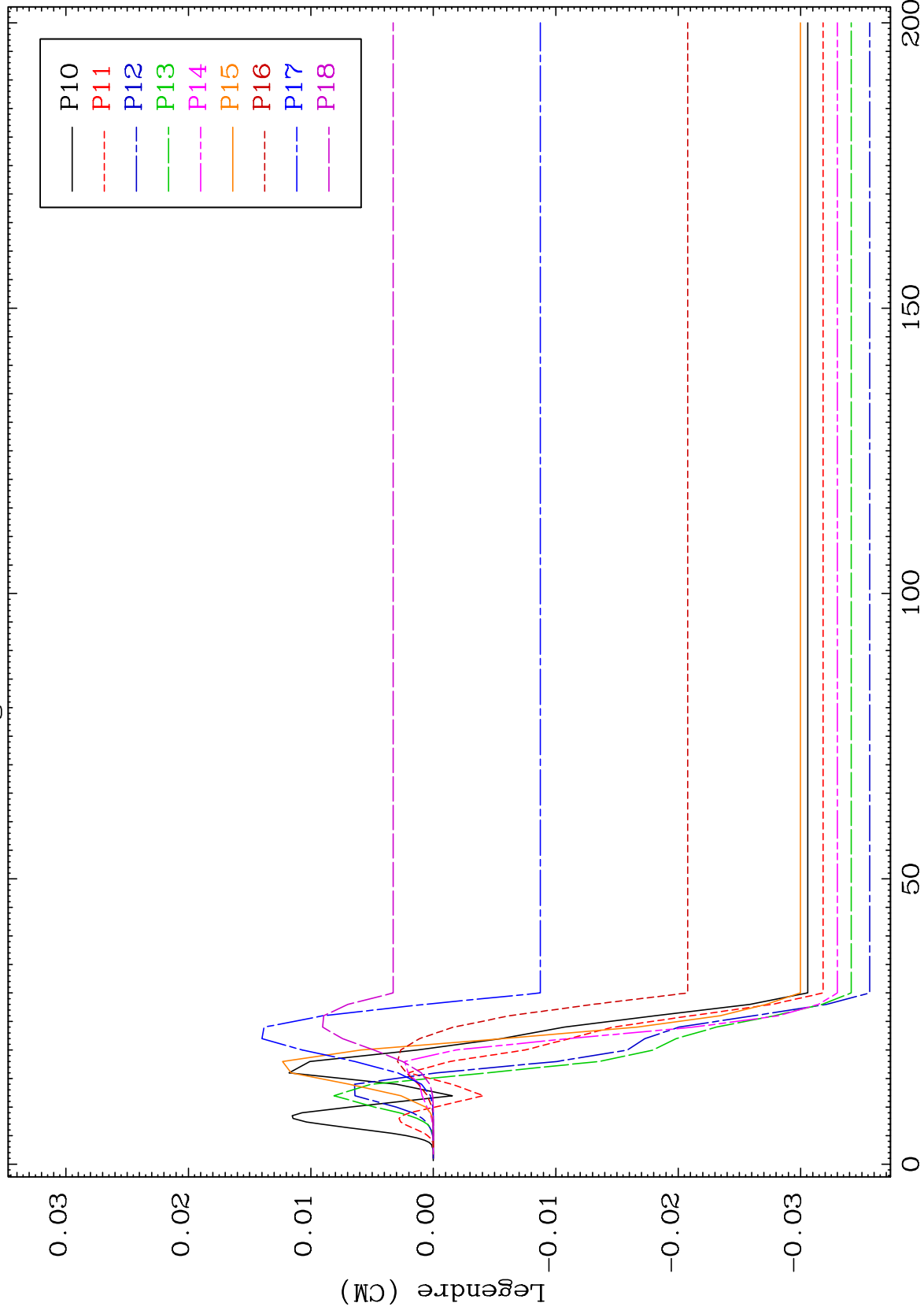




MAT 6640

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

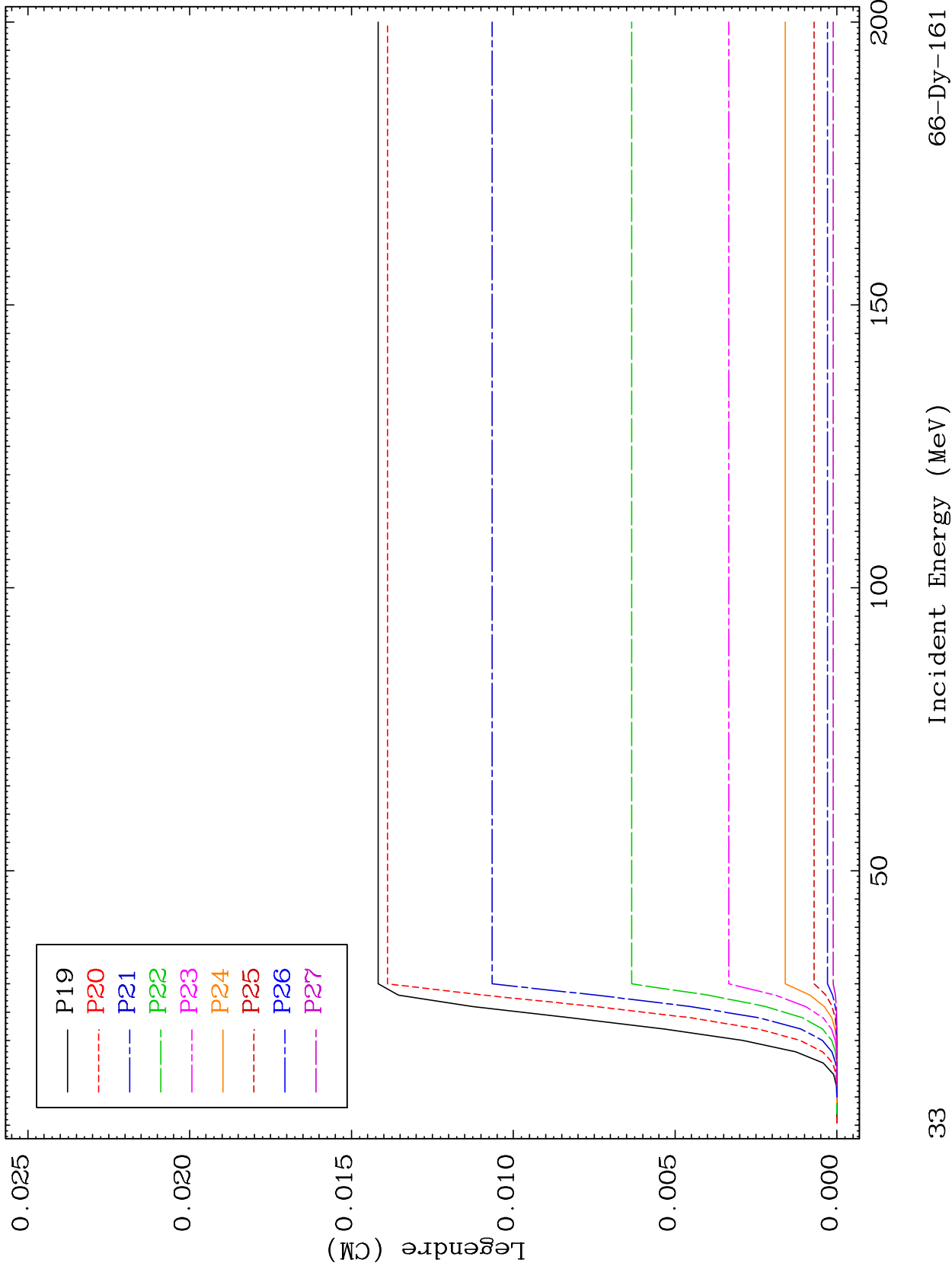
66-Dy-161



32

Incident Energy (MeV)

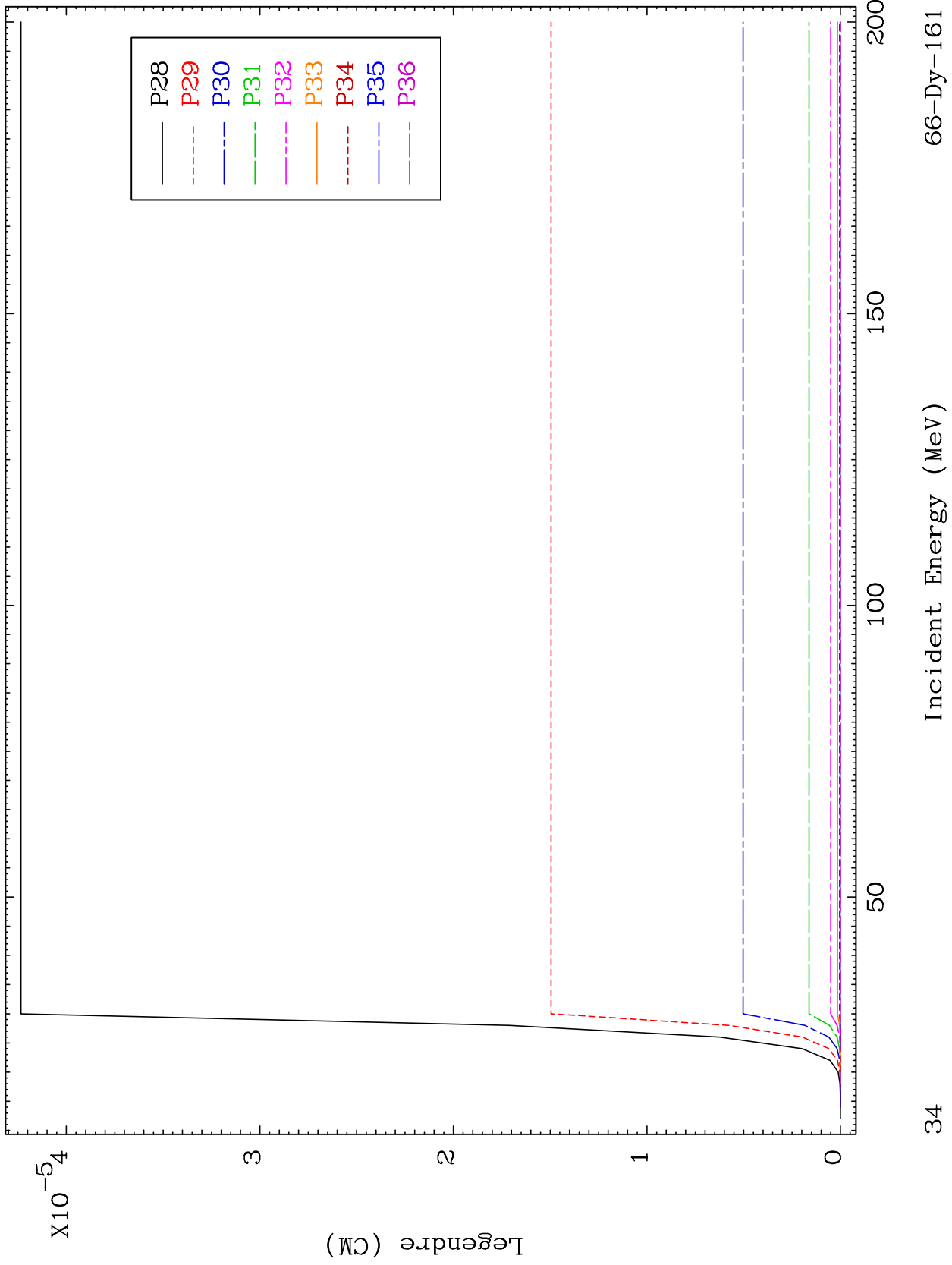
66-Dy-161

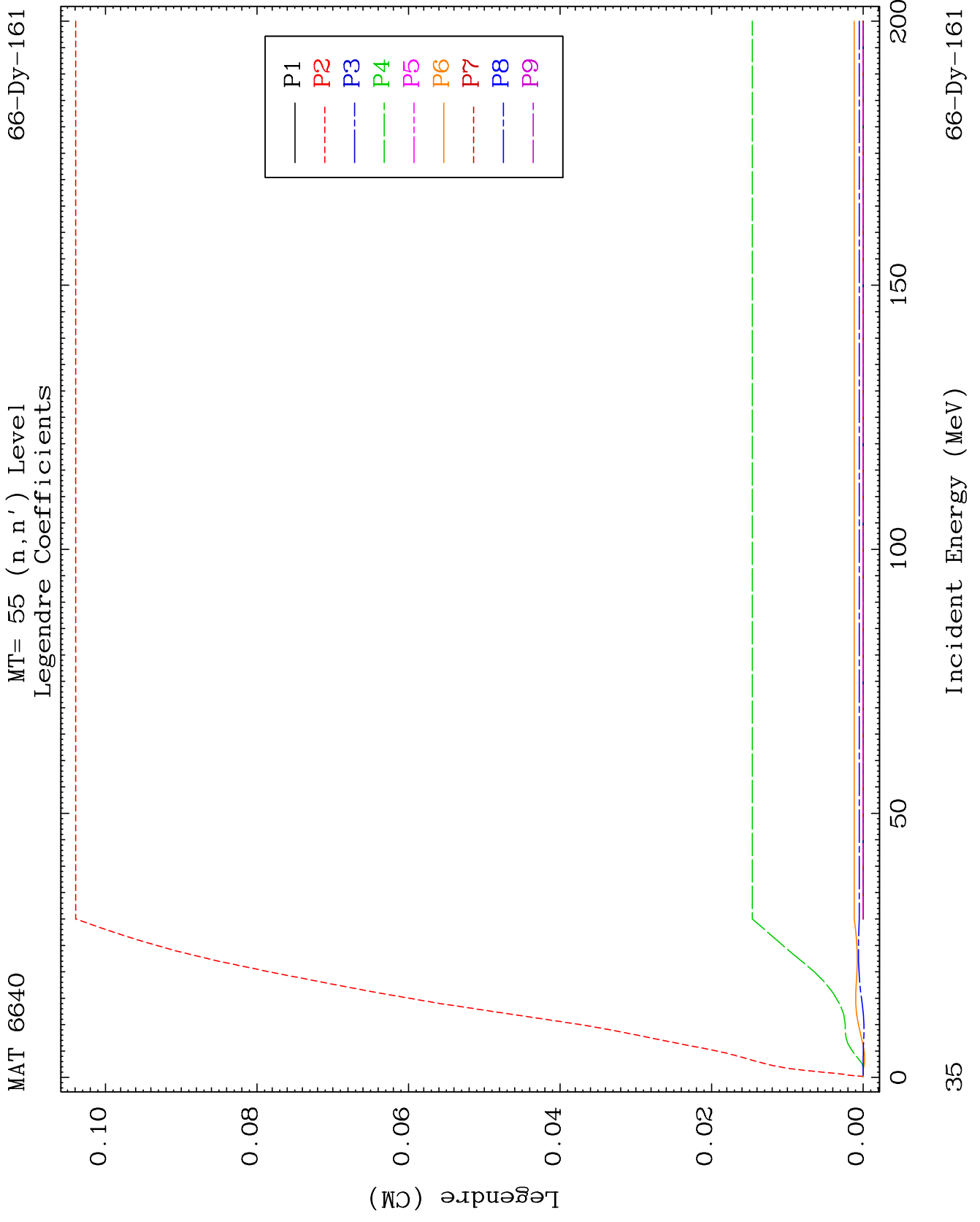


MAT 6640

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

66-Dy-161

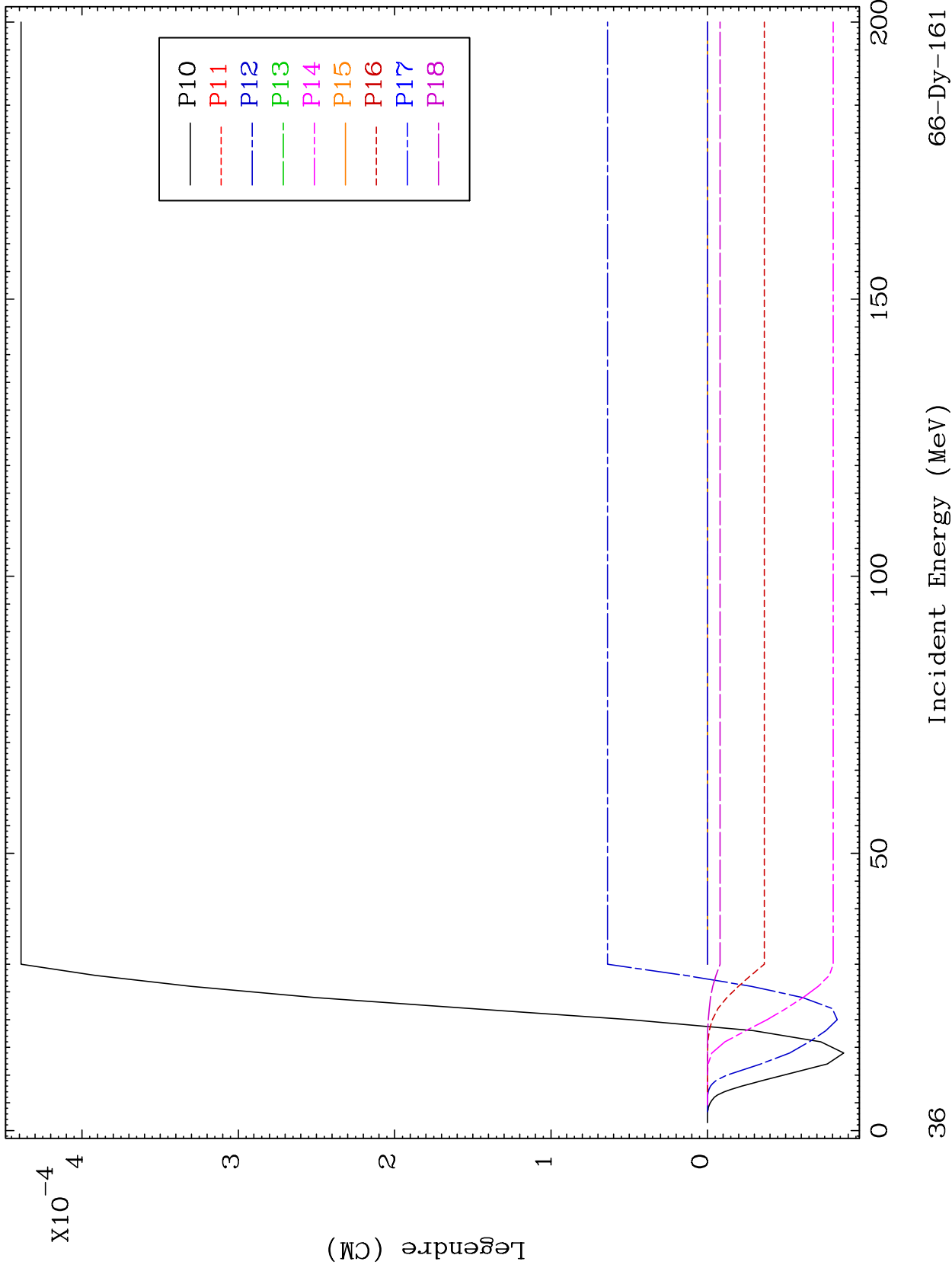




MAT 6640

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

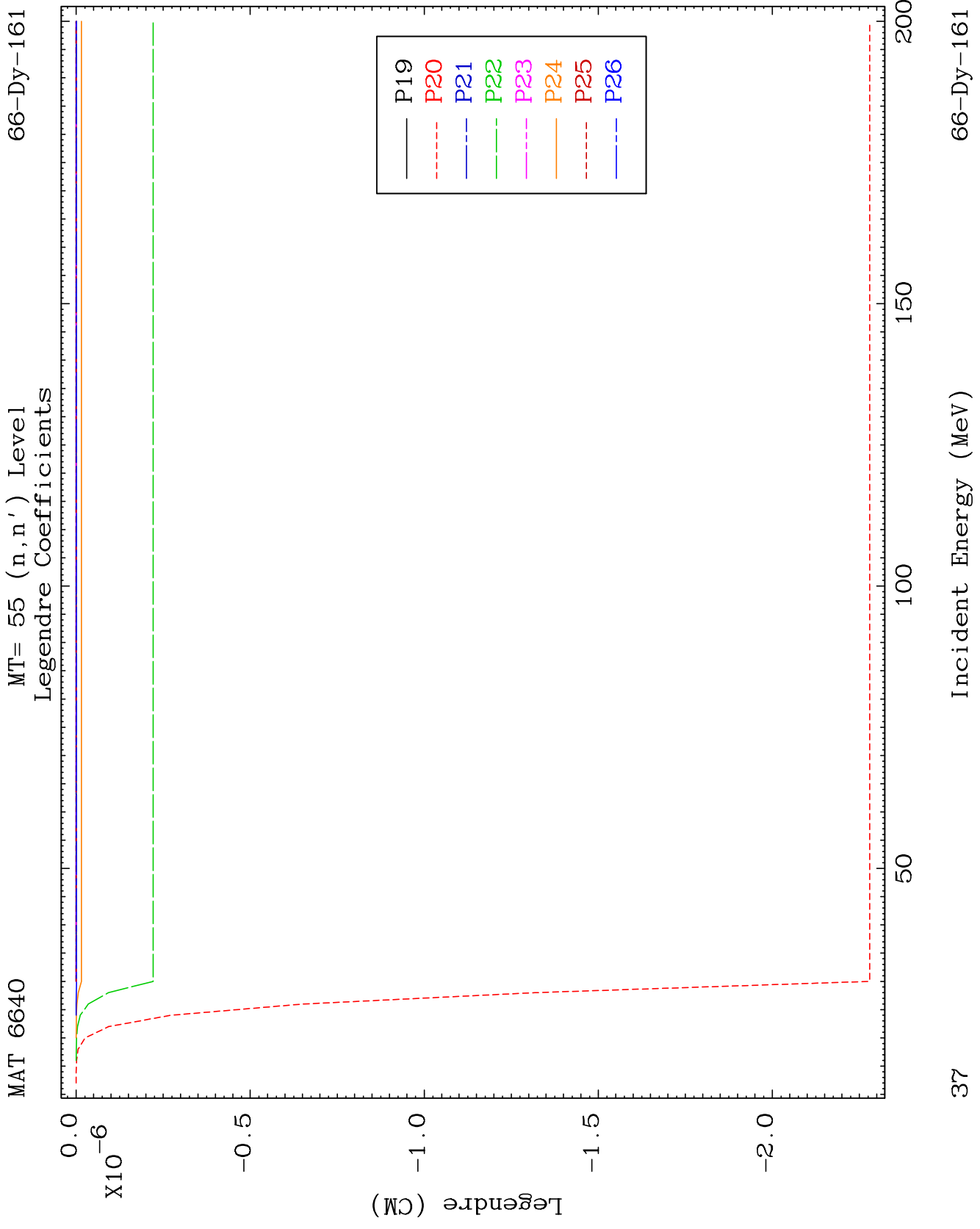
66-Dy-161

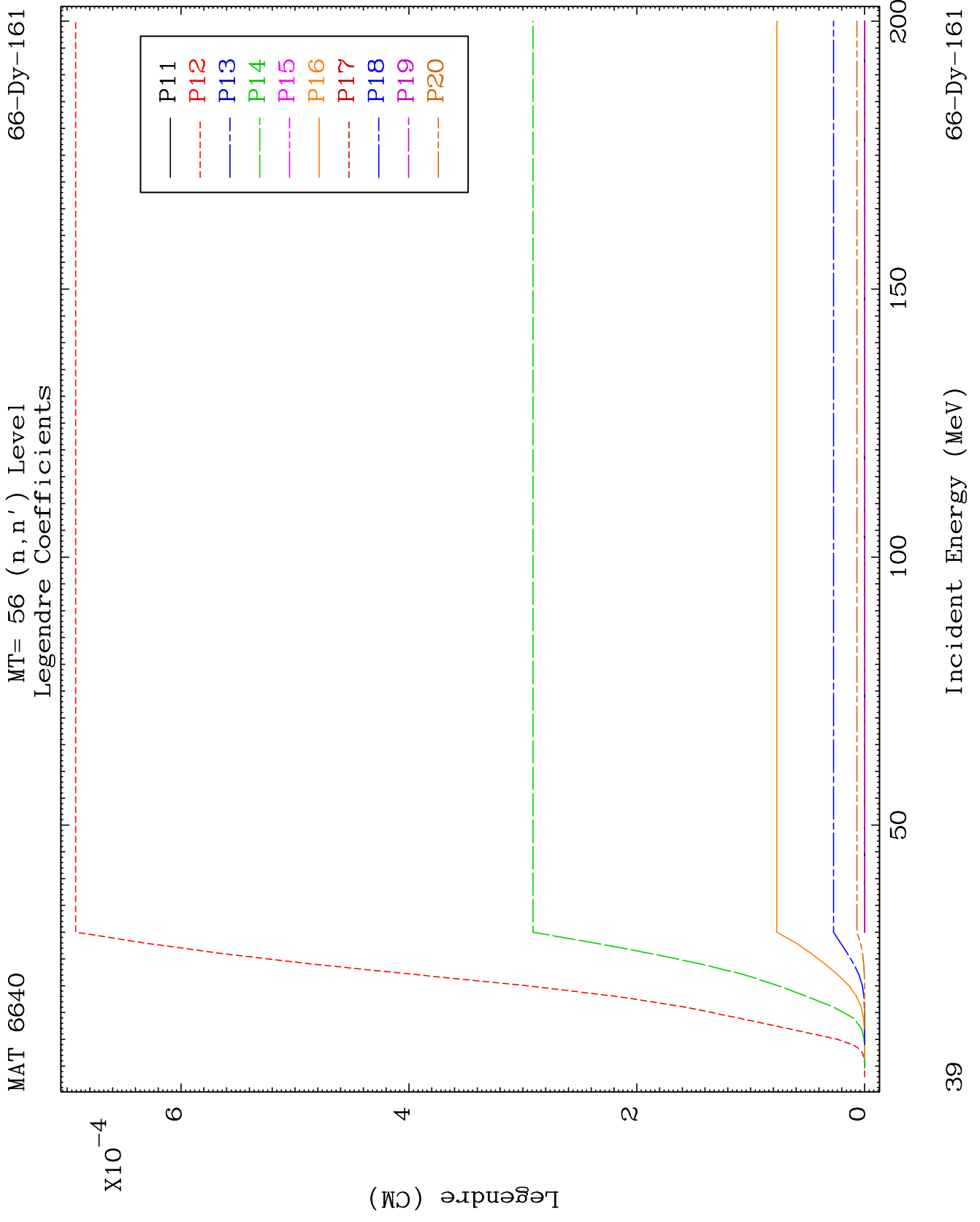


36

Incident Energy (MeV)

66-Dy-161

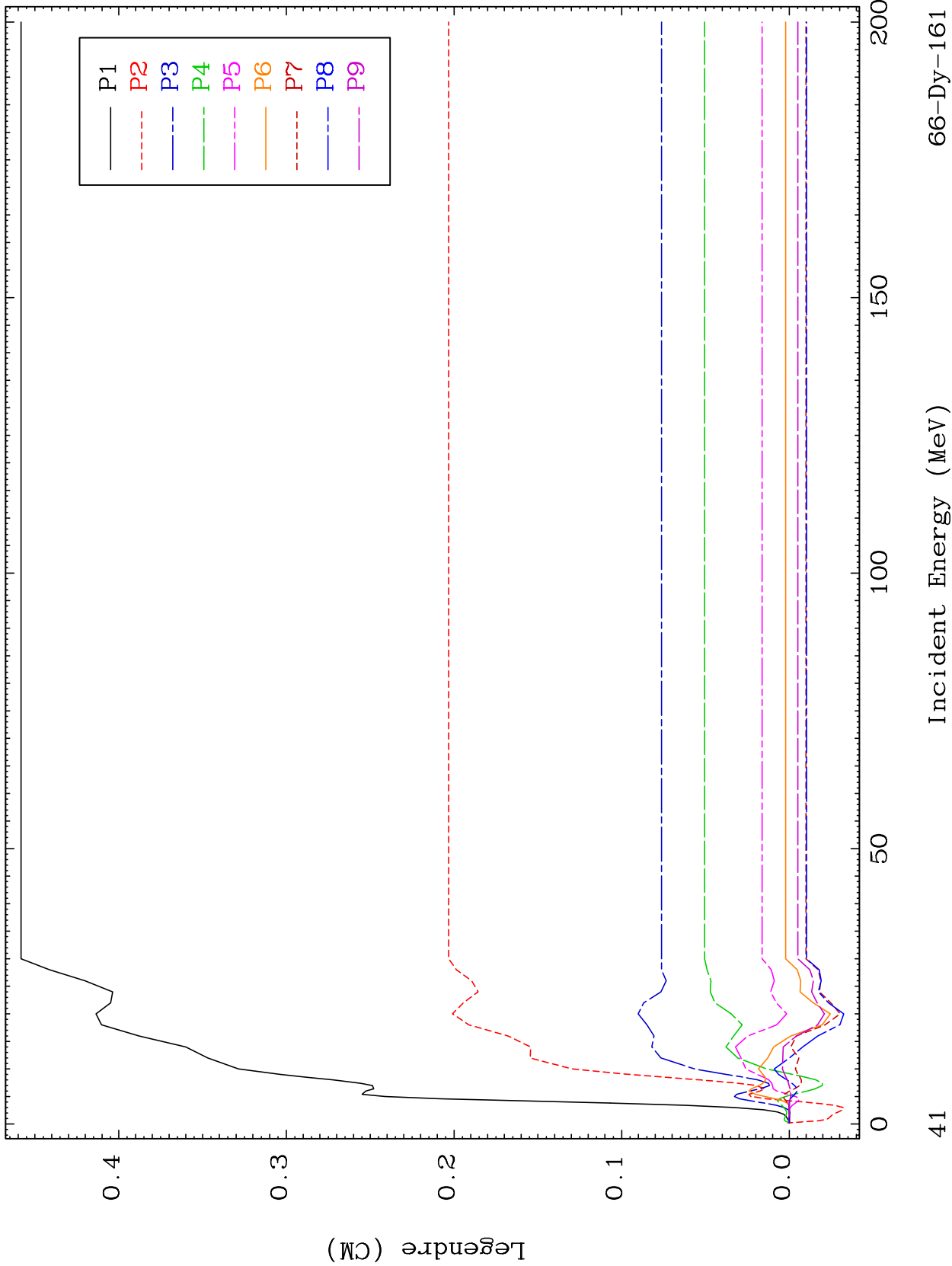




MAT 6640

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

66-Dy-161



66-Dy-161

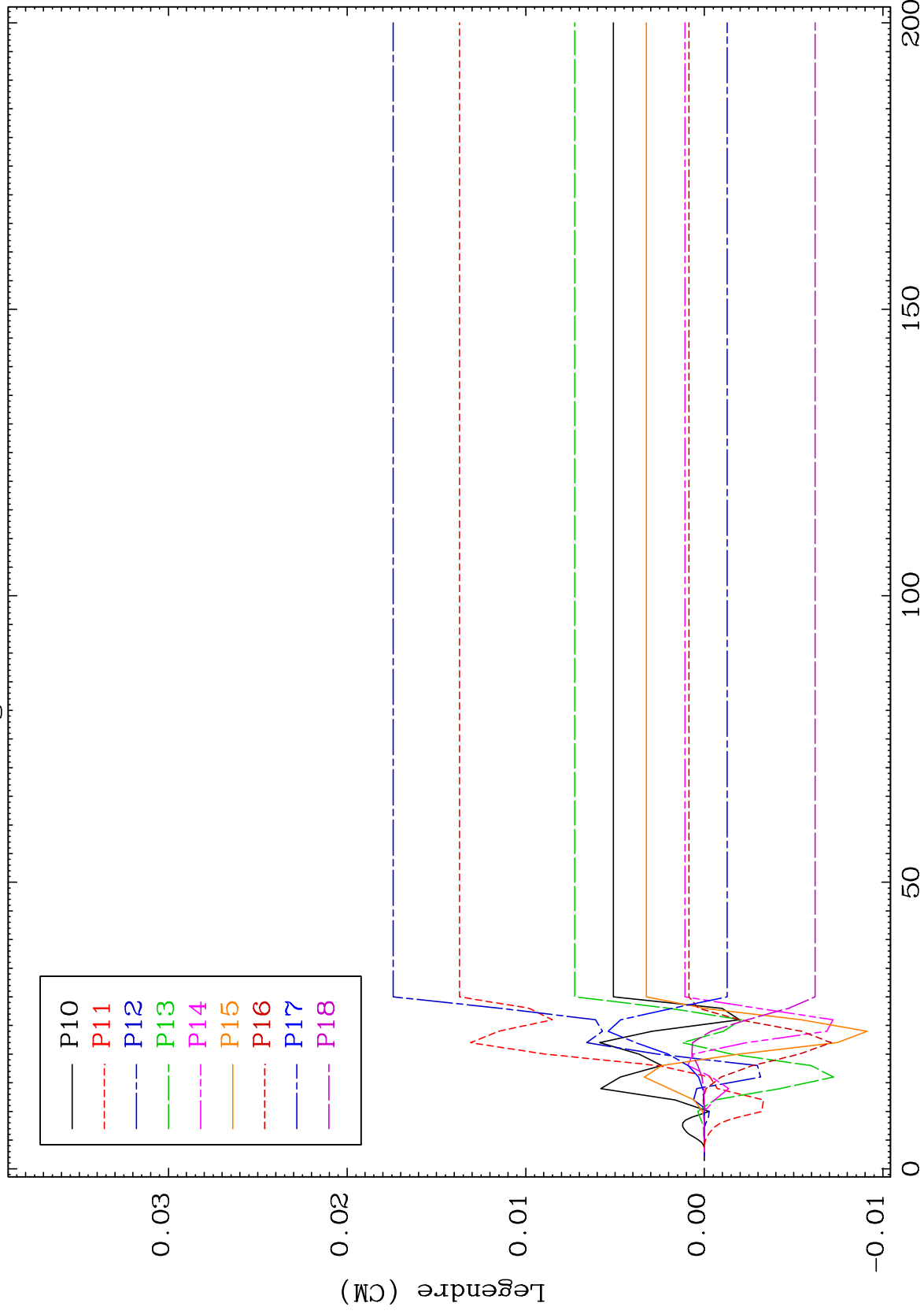
Incident Energy (MeV)

41

MAT 6640

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

66-Dy-161



42

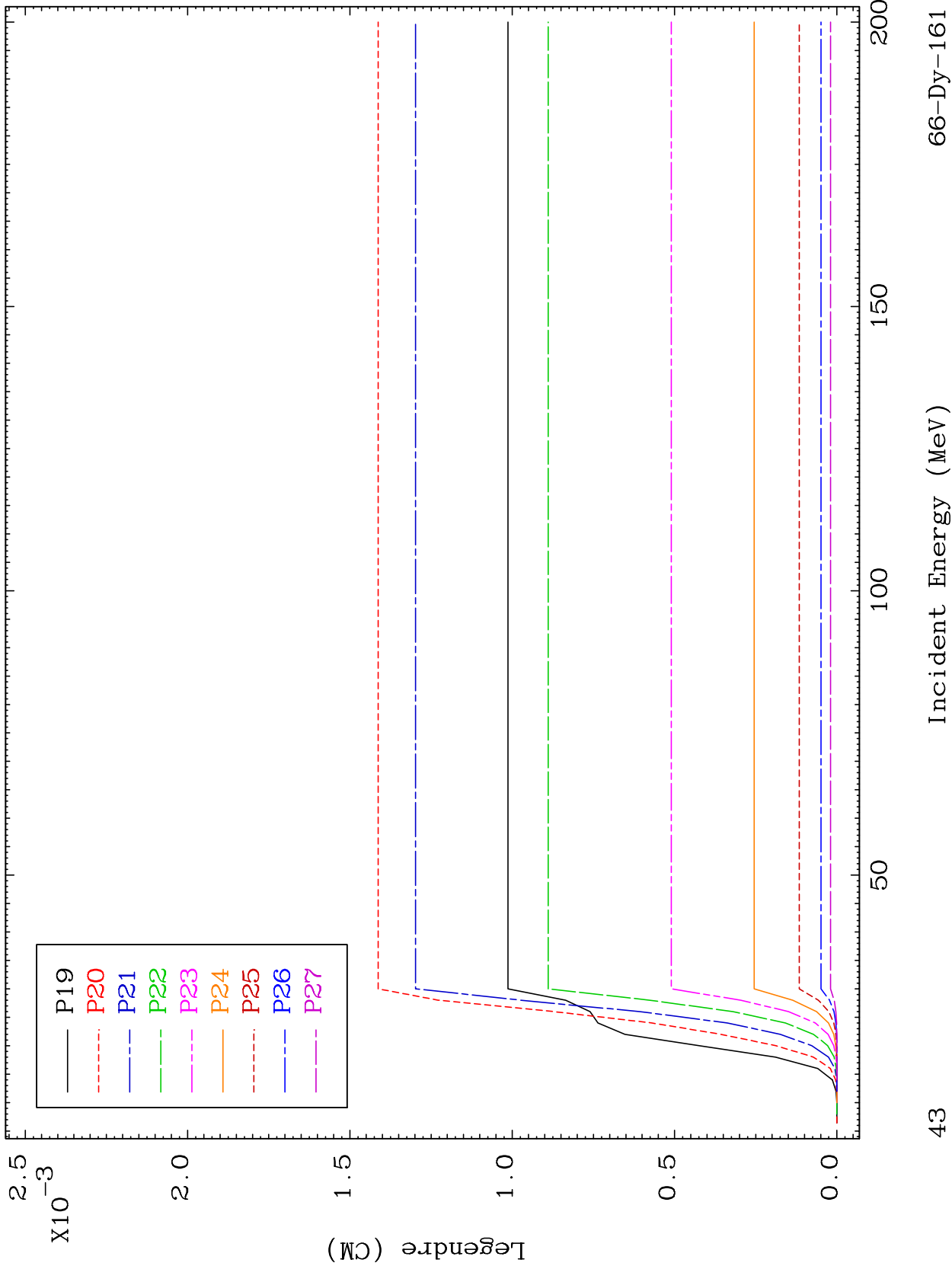
Incident Energy (MeV)

66-Dy-161

MAT 6640

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

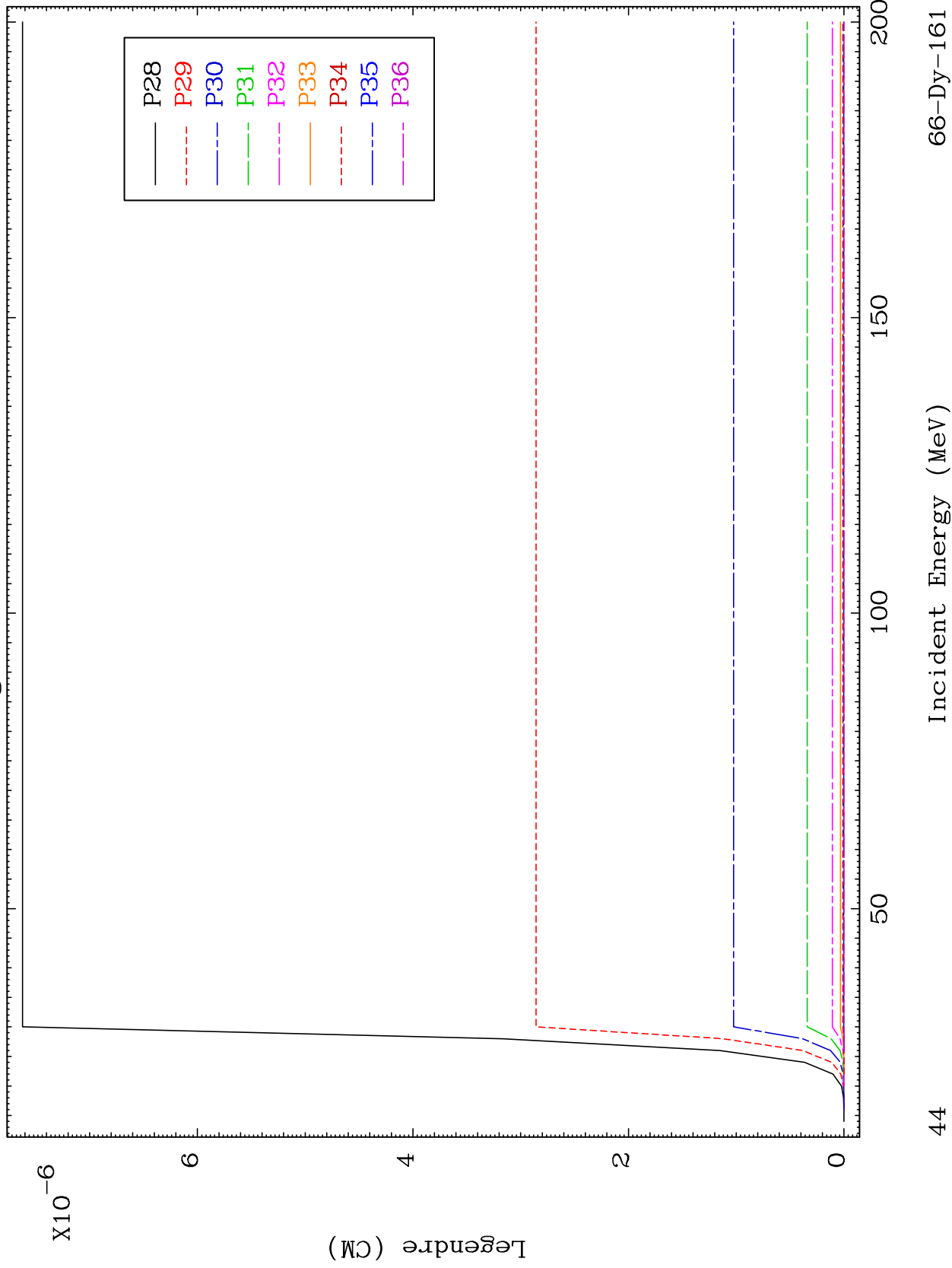
66-Dy-161



MAT 6640

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

66-Dy-161

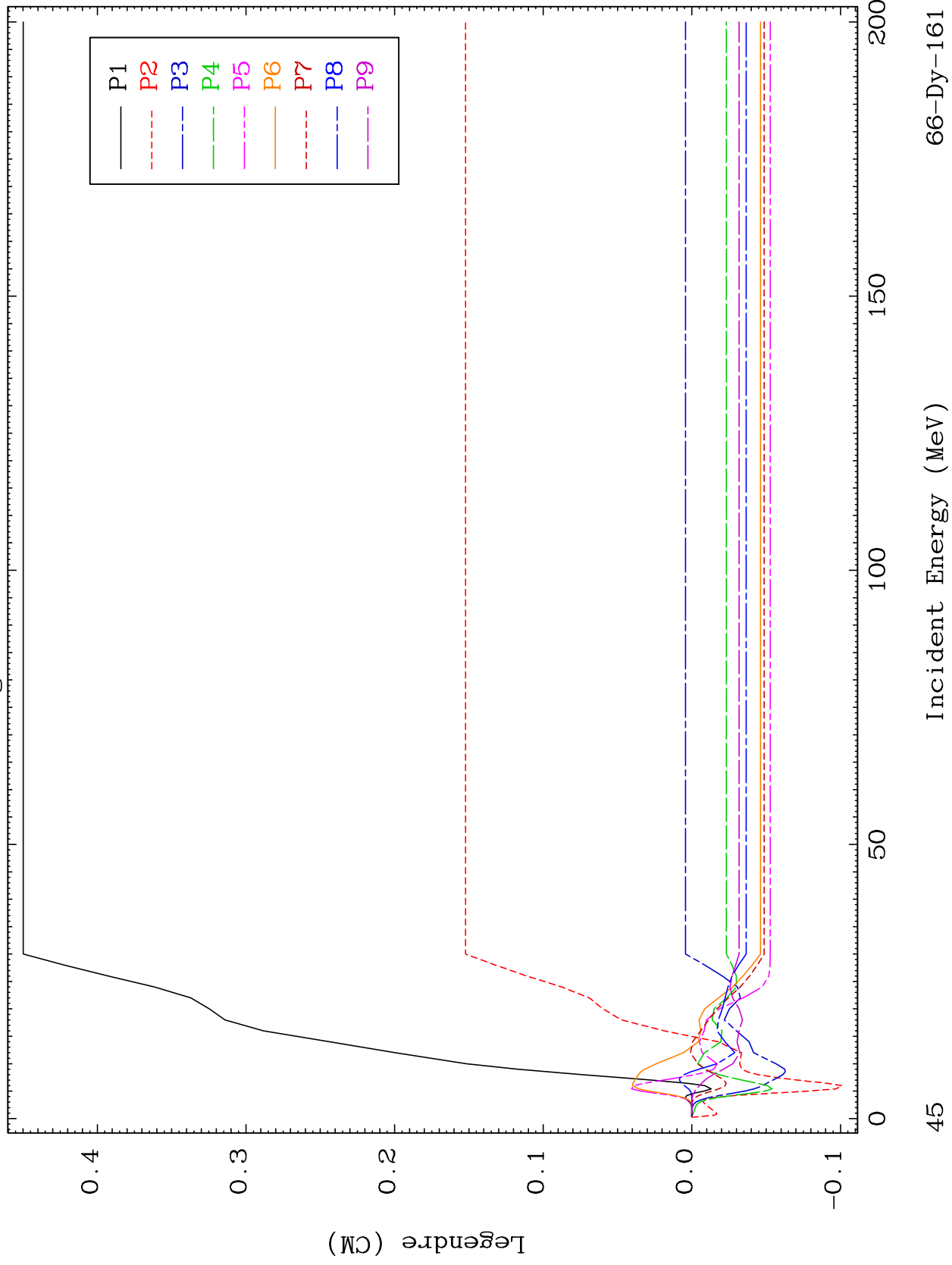


44

MAT 6640

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

66-Dy-161



66-Dy-161

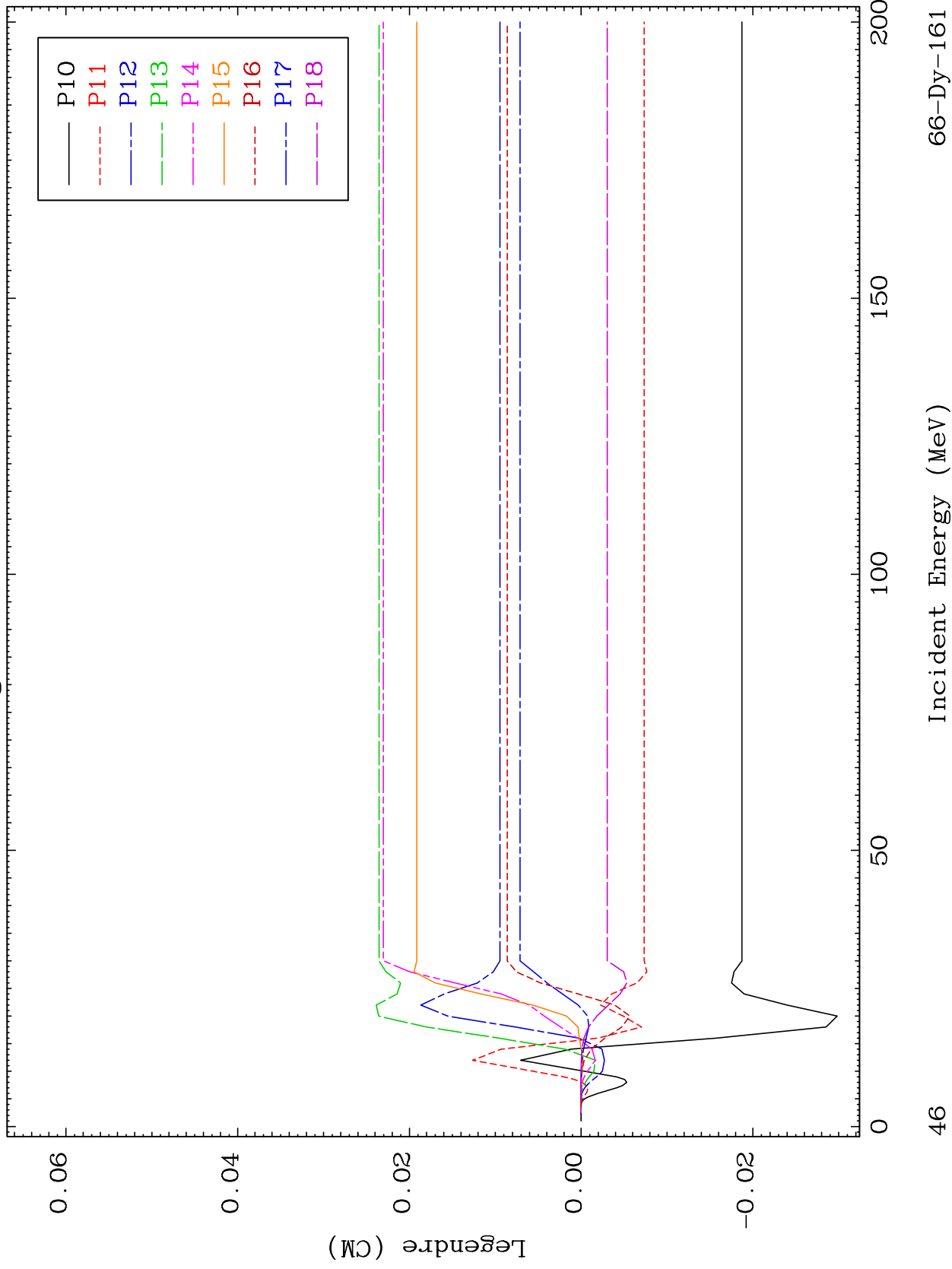
Incident Energy (MeV)

45

MAT 6640

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

66-Dy-161



66-Dy-161

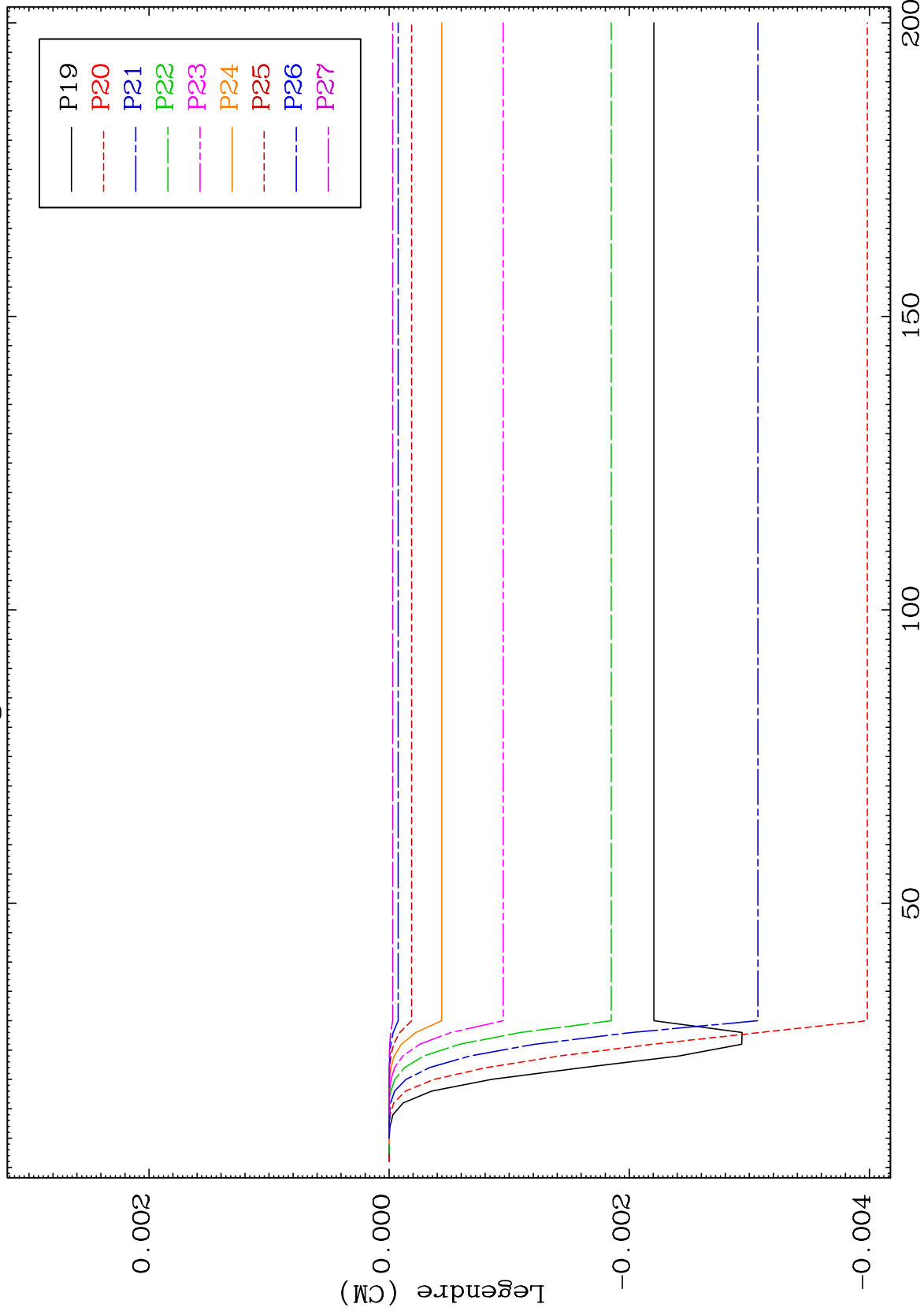
Incident Energy (MeV)

46

MAT 6640

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

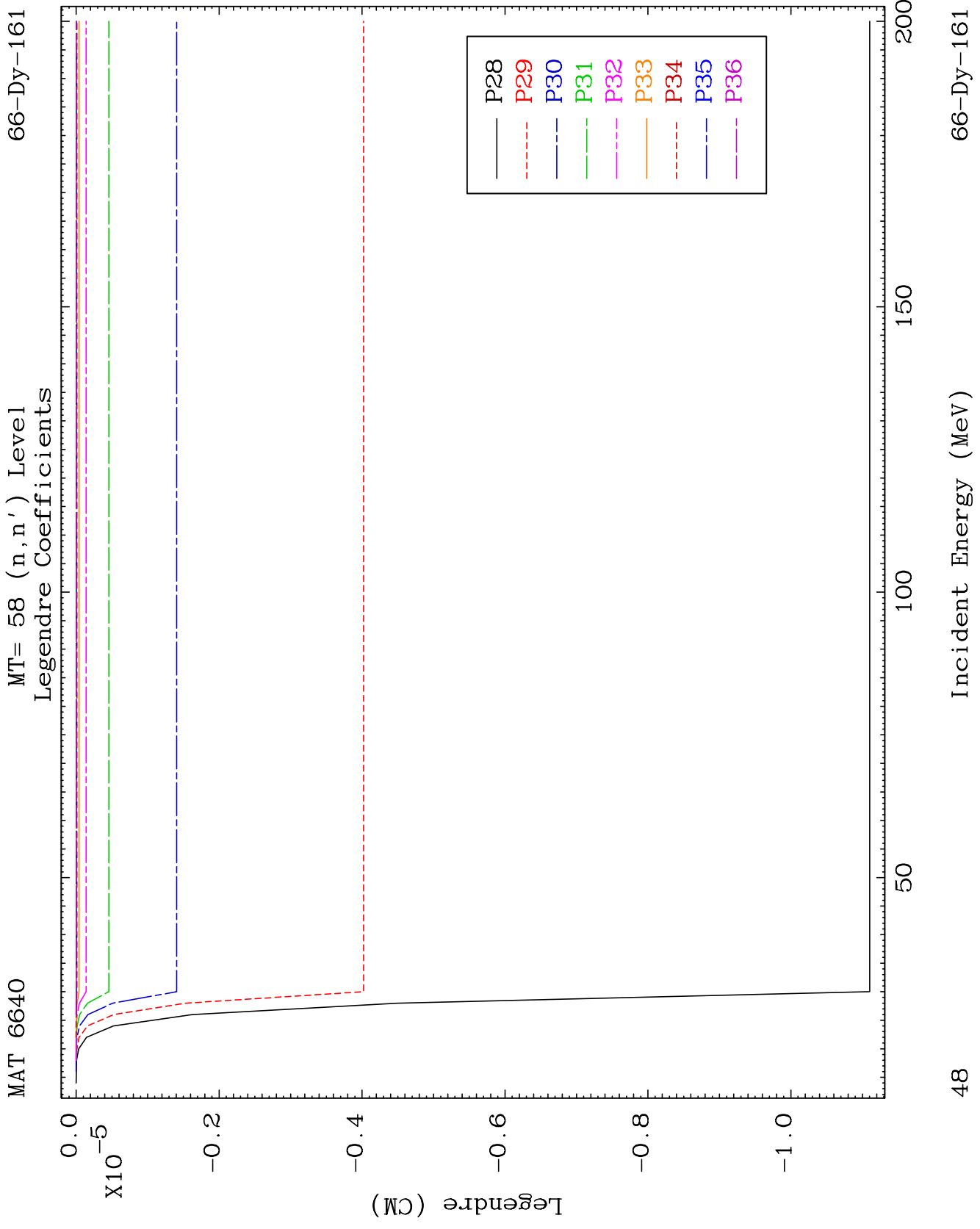
66-Dy-161



47

Incident Energy (MeV)

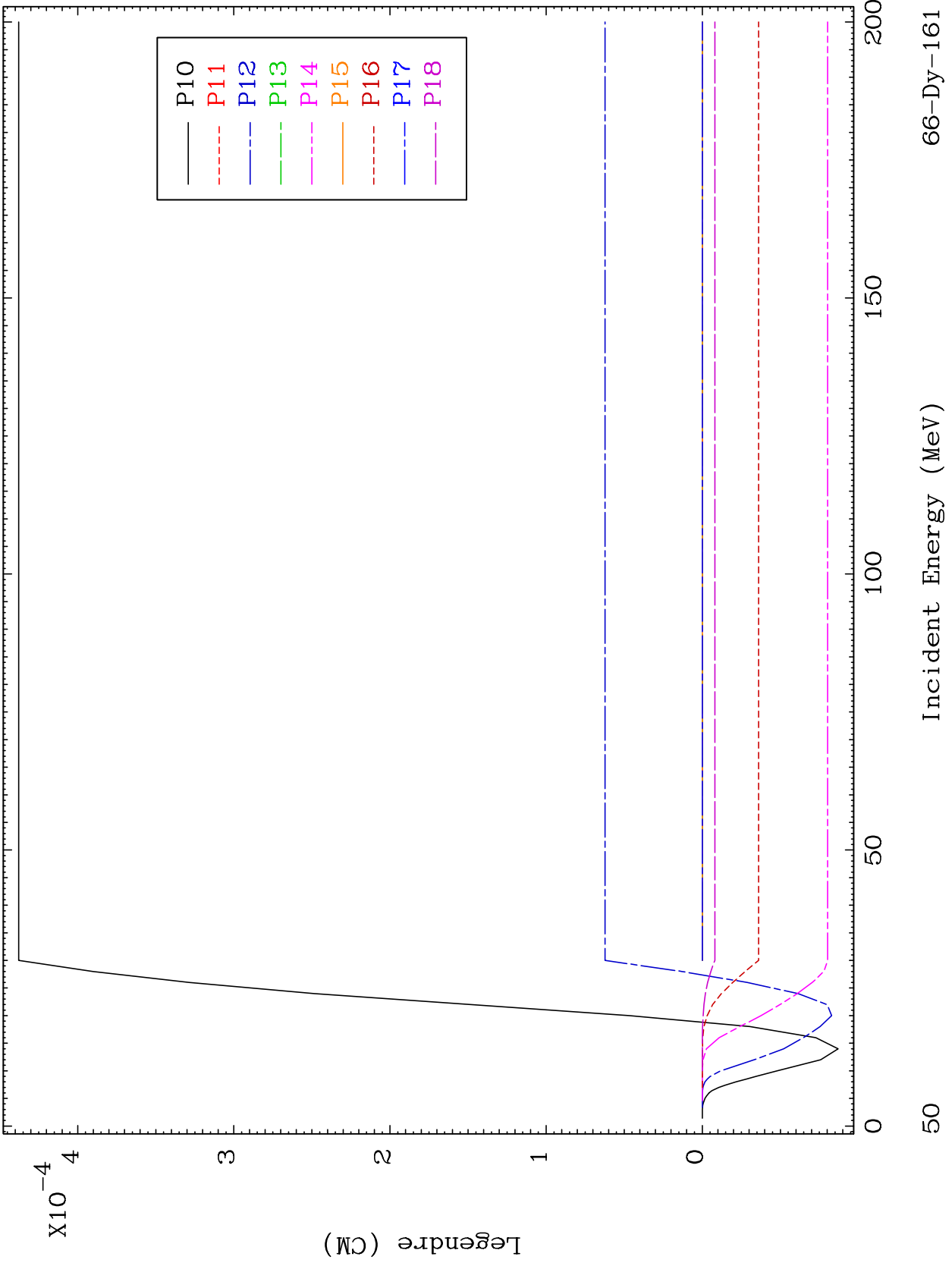
66-Dy-161



MAT 6640

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

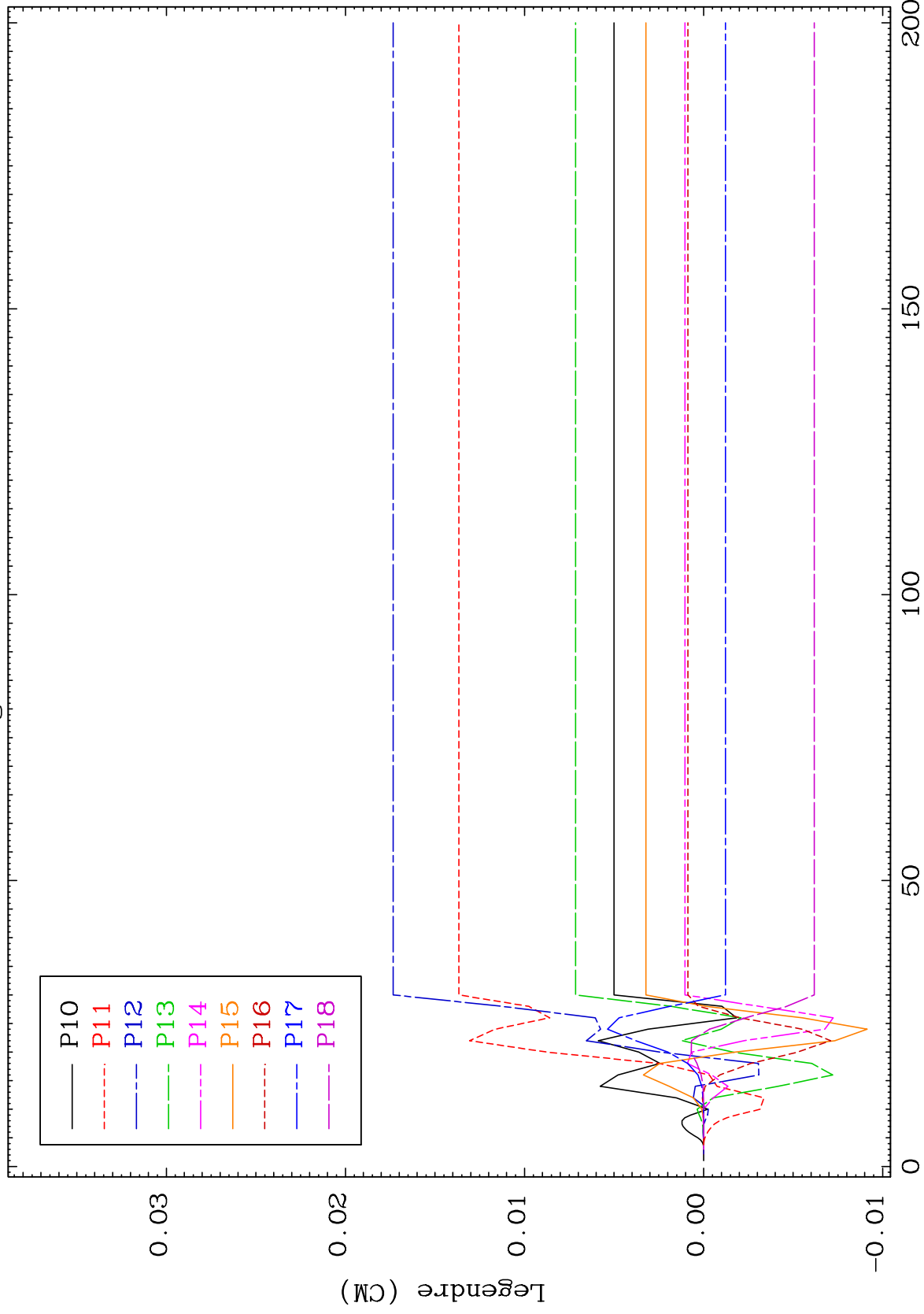
66-Dy-161



MAT 6640

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

66-Dy-161



53

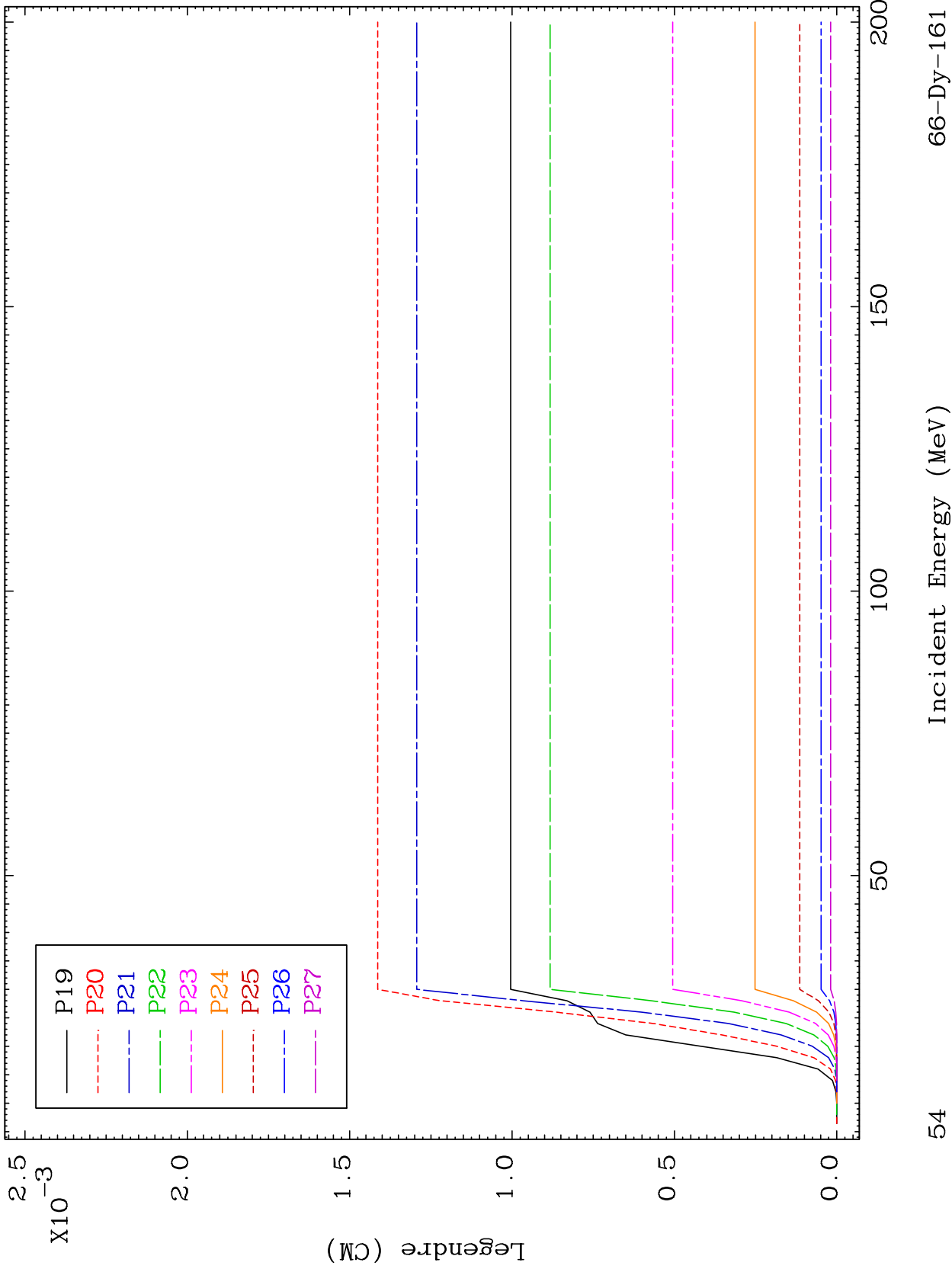
Incident Energy (MeV)

66-Dy-161

MAT 6640

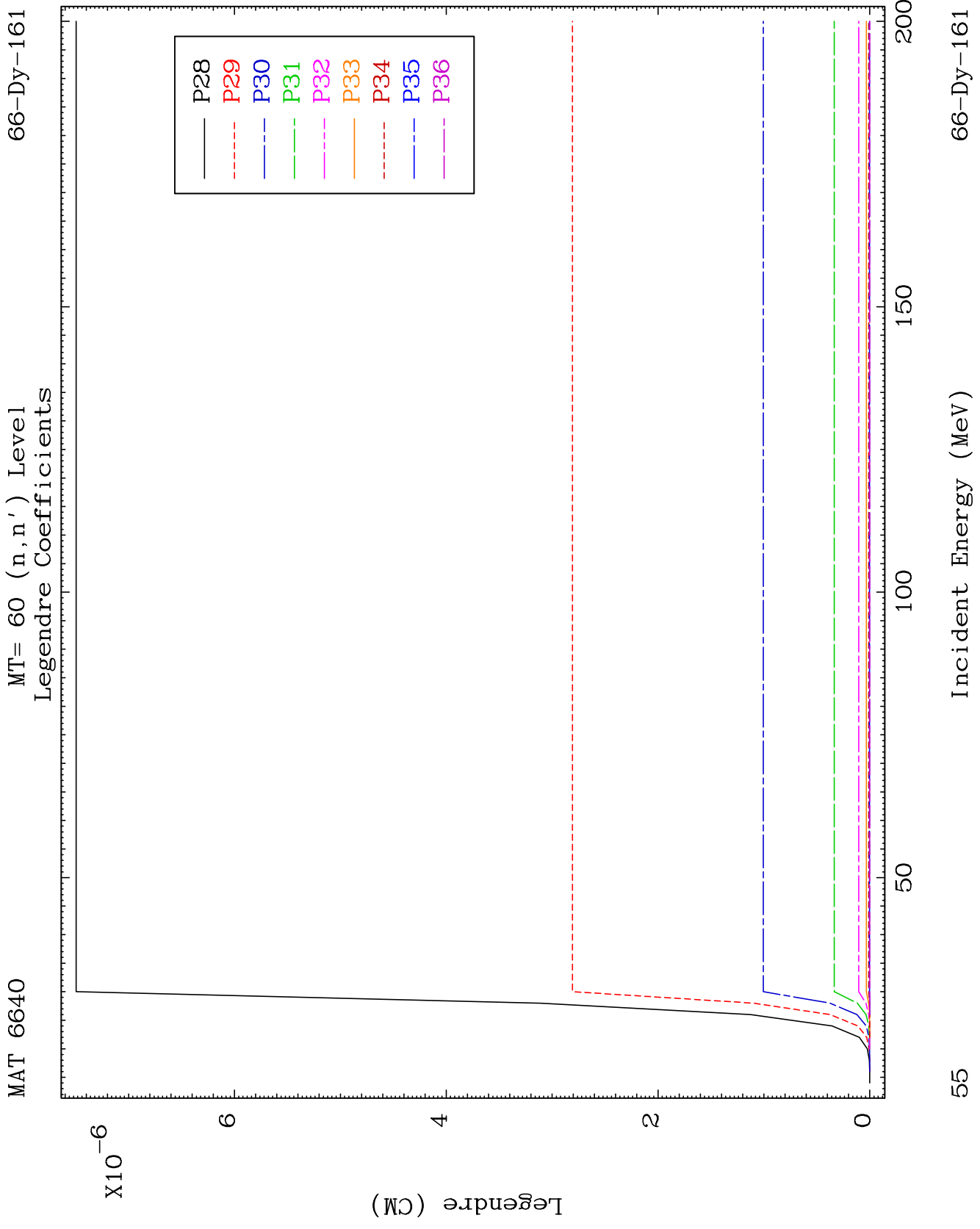
MT= 60 (n,n') Level
Legendre Coefficients

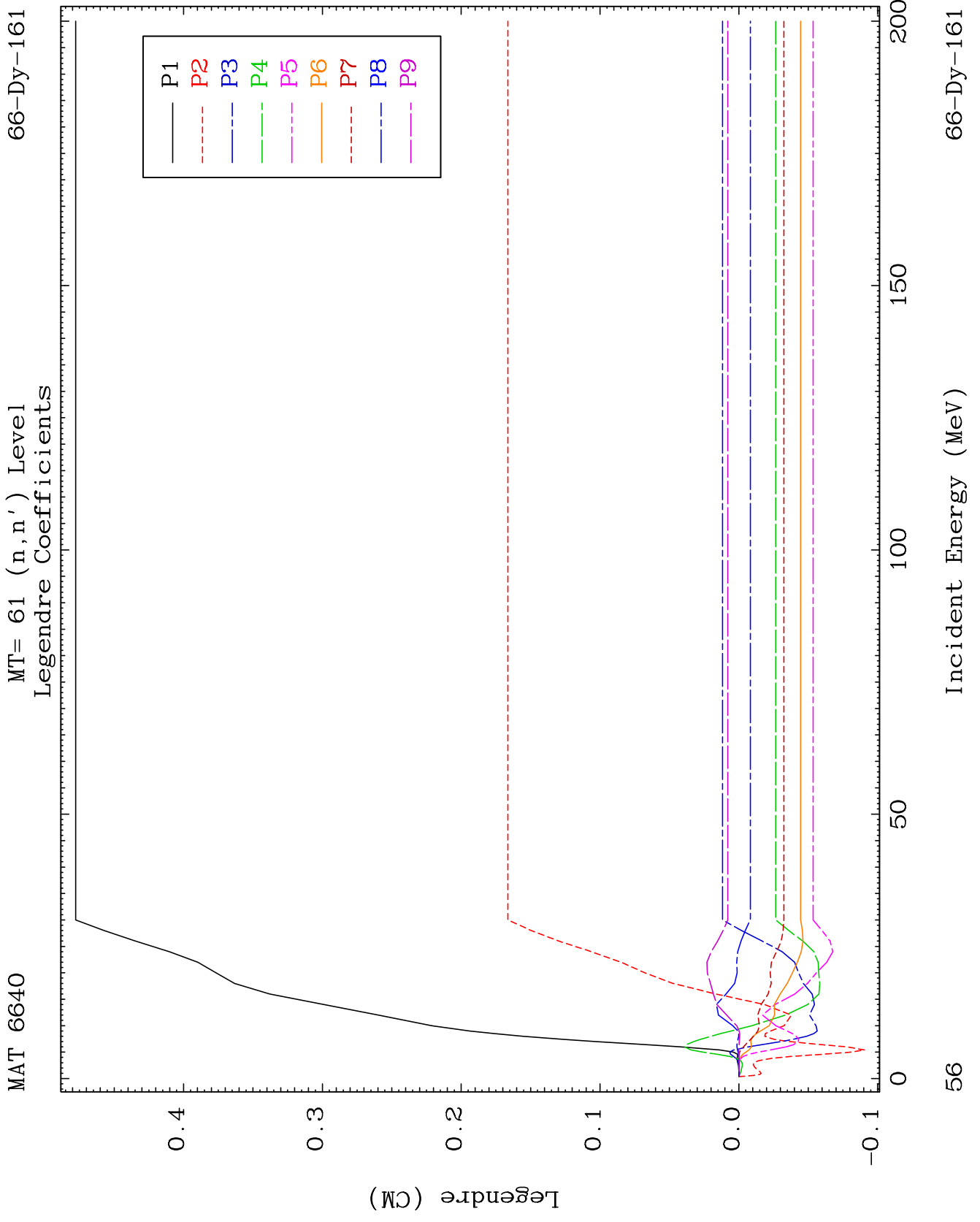
66-Dy-161



54

66-Dy-161

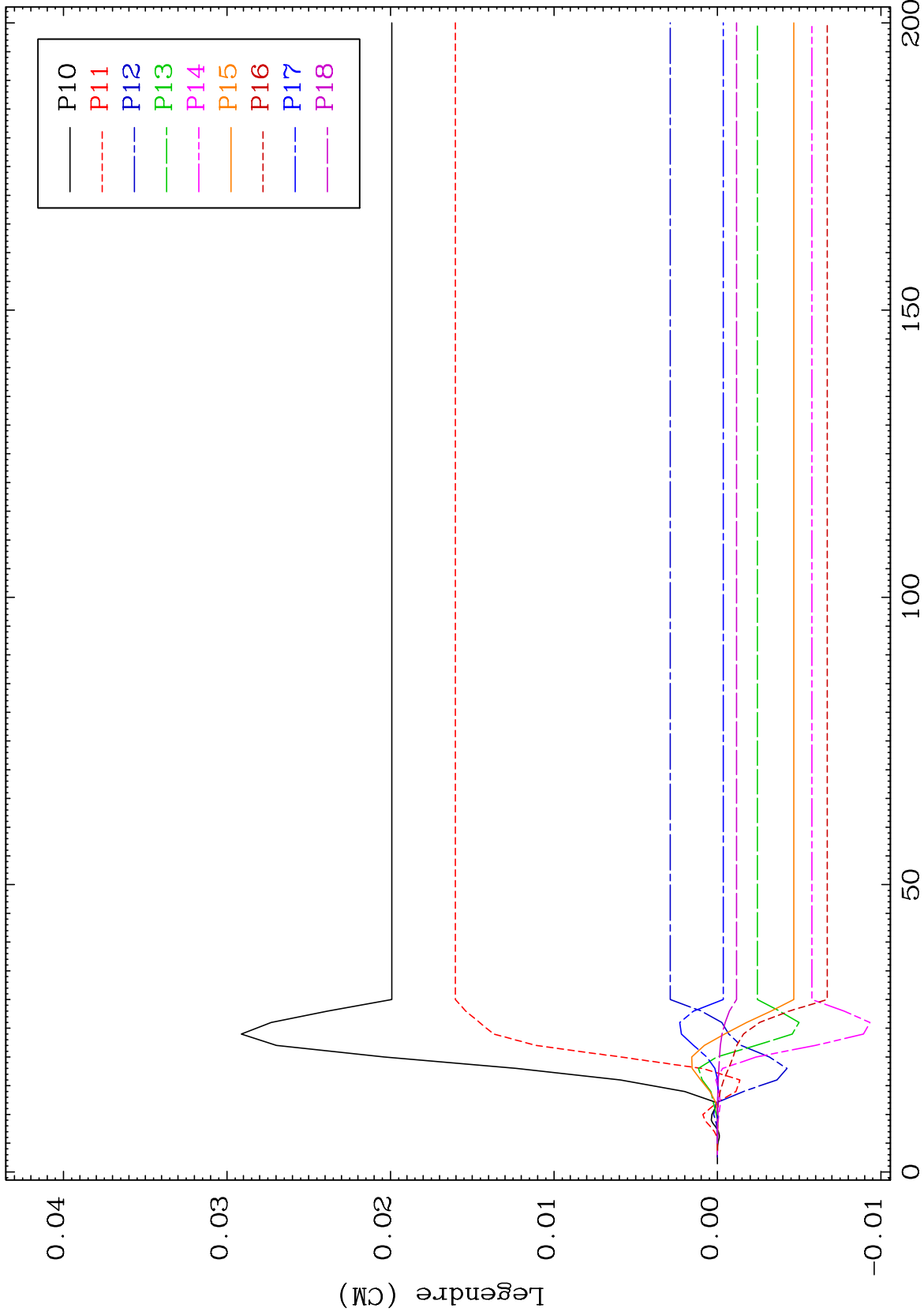




MAT 6640

MT= 61 (n,n') Level
Legendre Coefficients

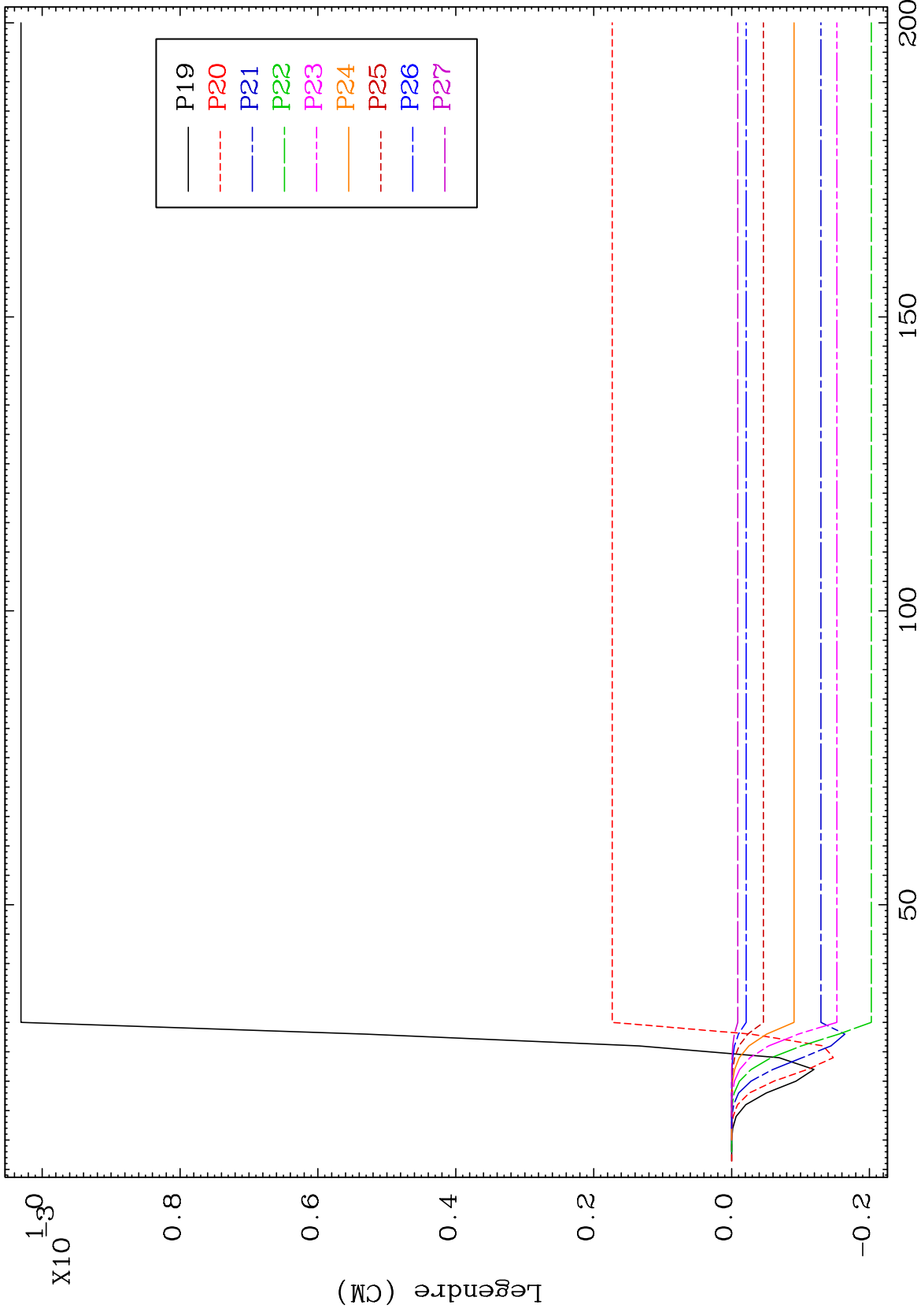
66-Dy-161



57

Incident Energy (MeV)

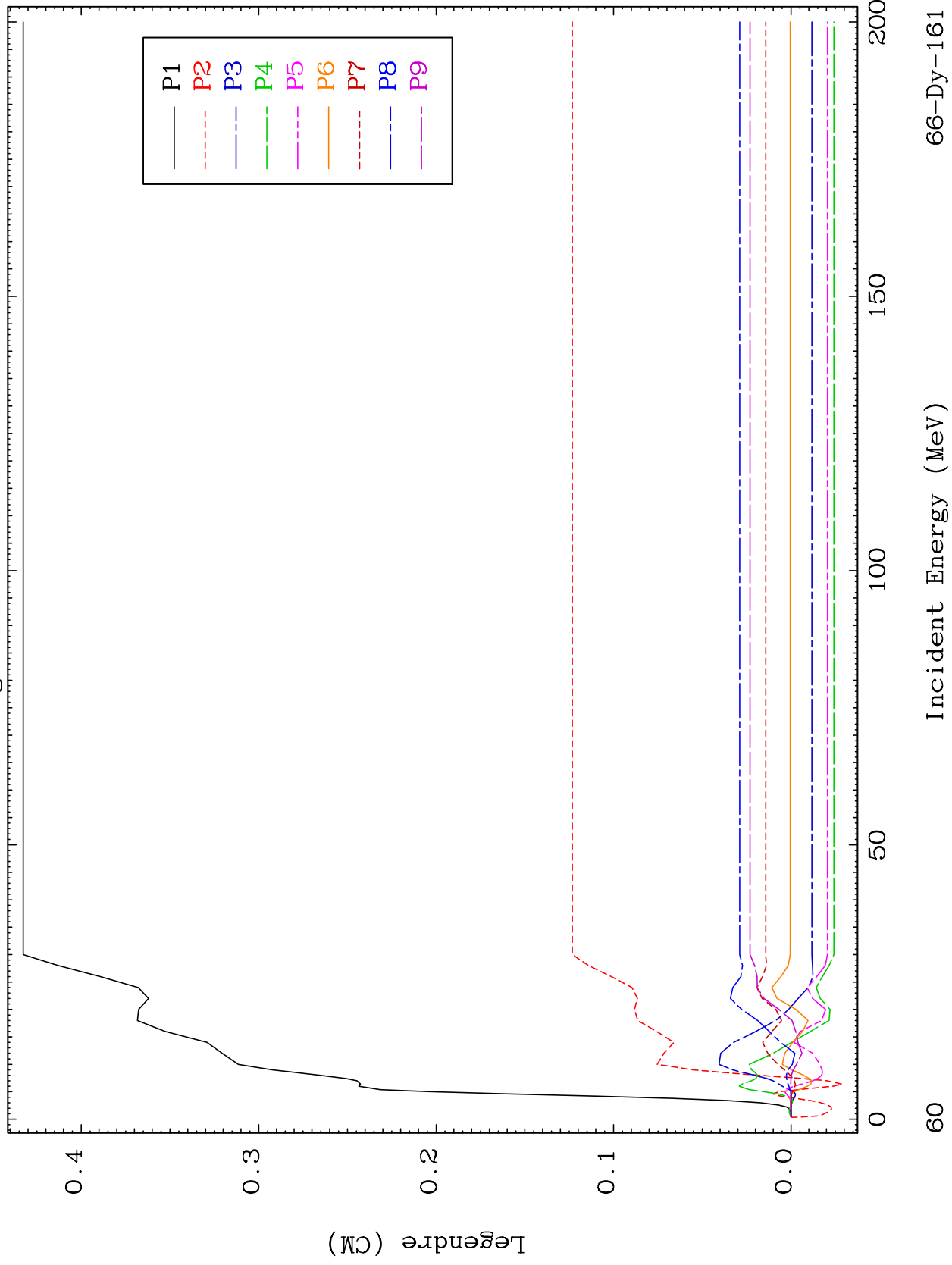
66-Dy-161



MAT 6640

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

66-Dy-161



66-Dy-161

Incident Energy (MeV)

60

200

150

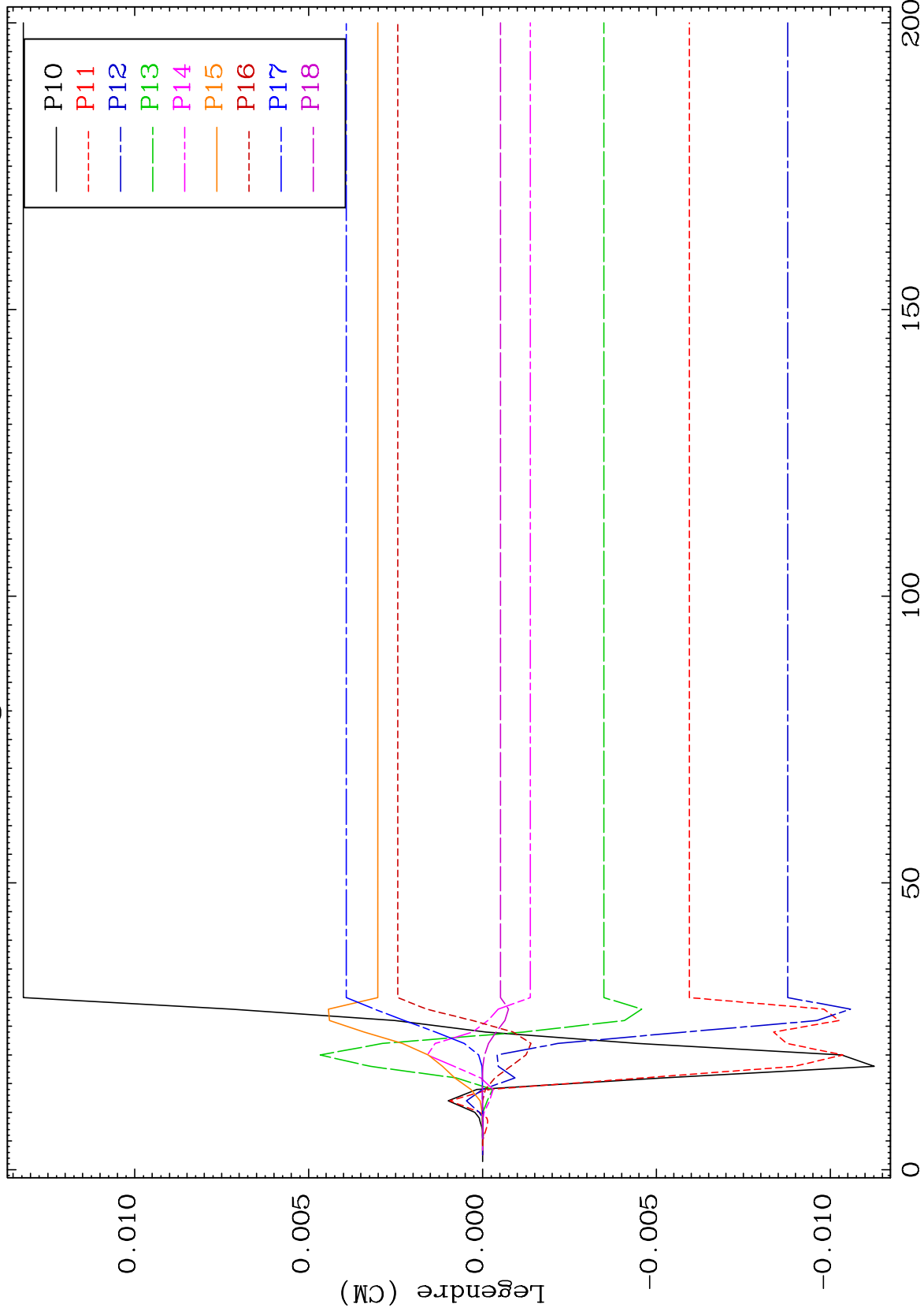
100

50

MAT 6640

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

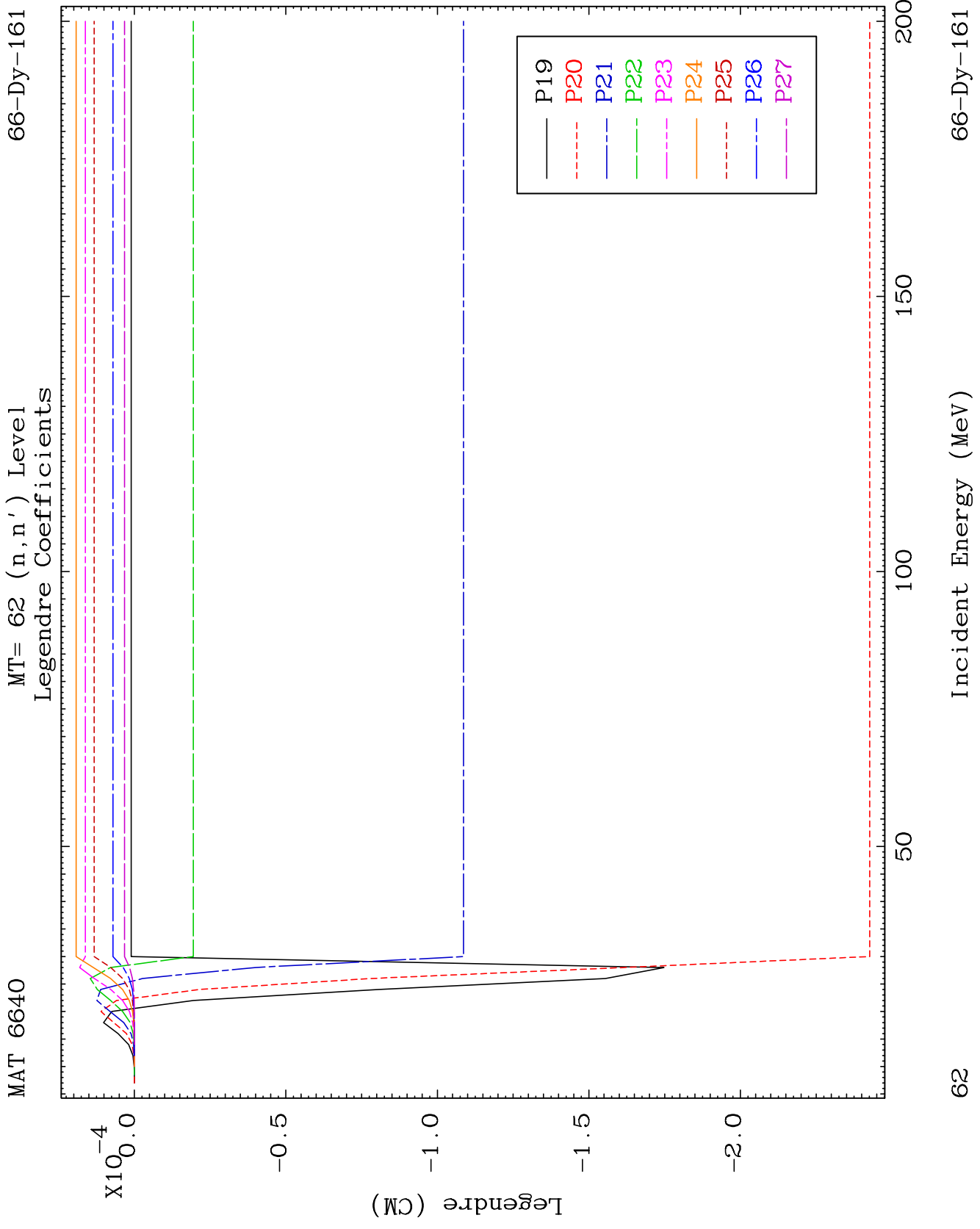
66-Dy-161



61

Incident Energy (MeV)

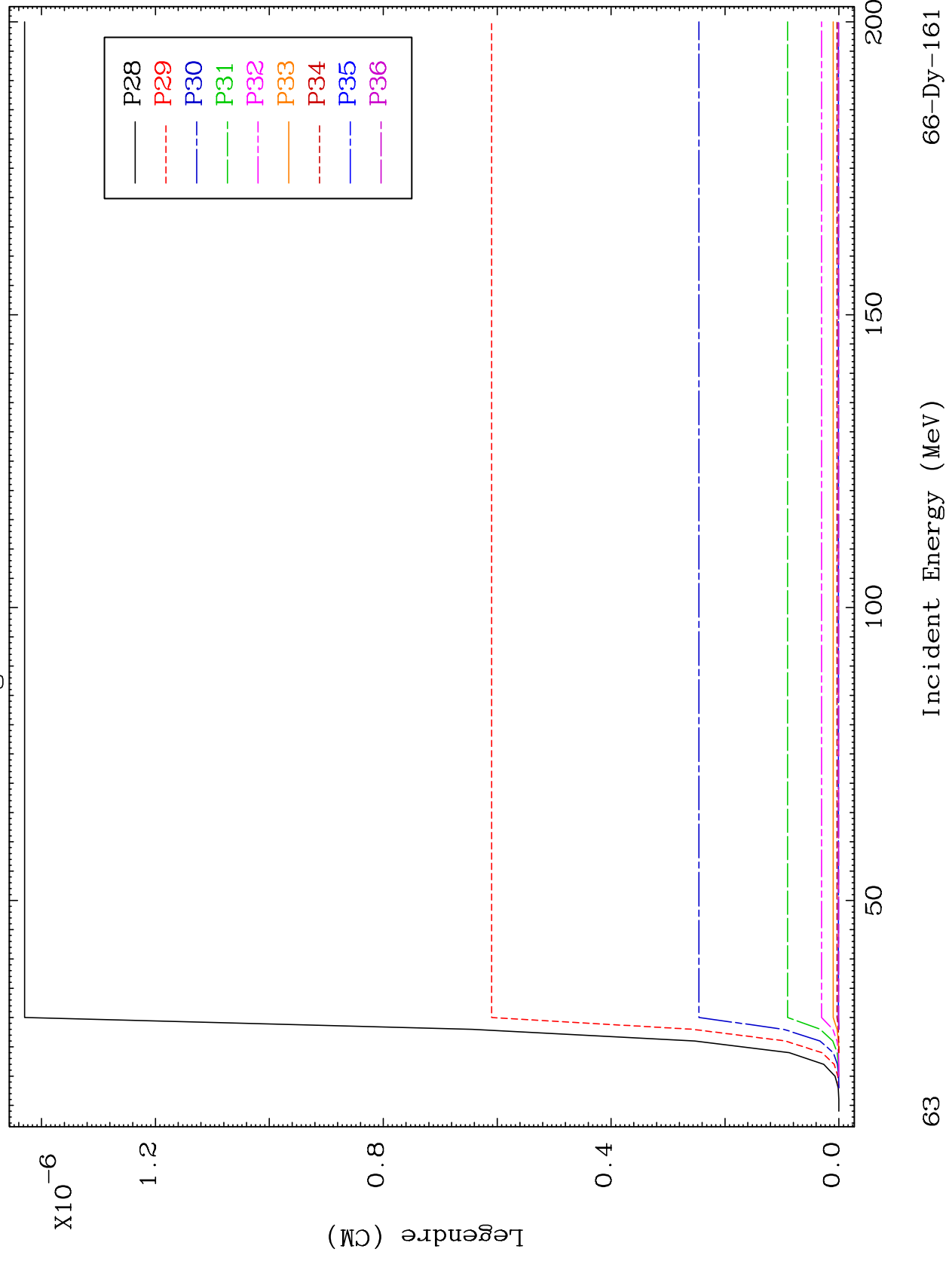
66-Dy-161

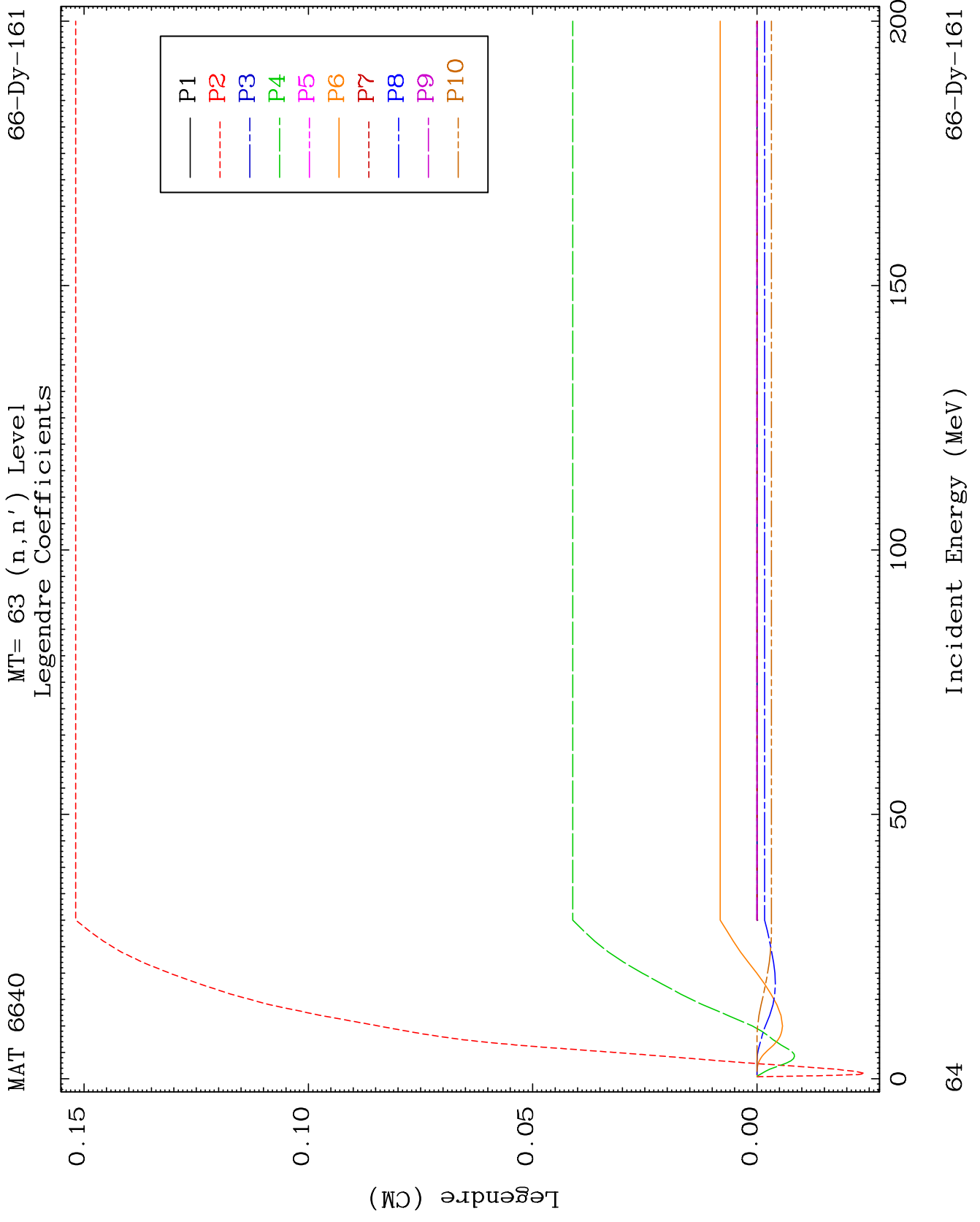


MAT 6640

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

66-Dy-161



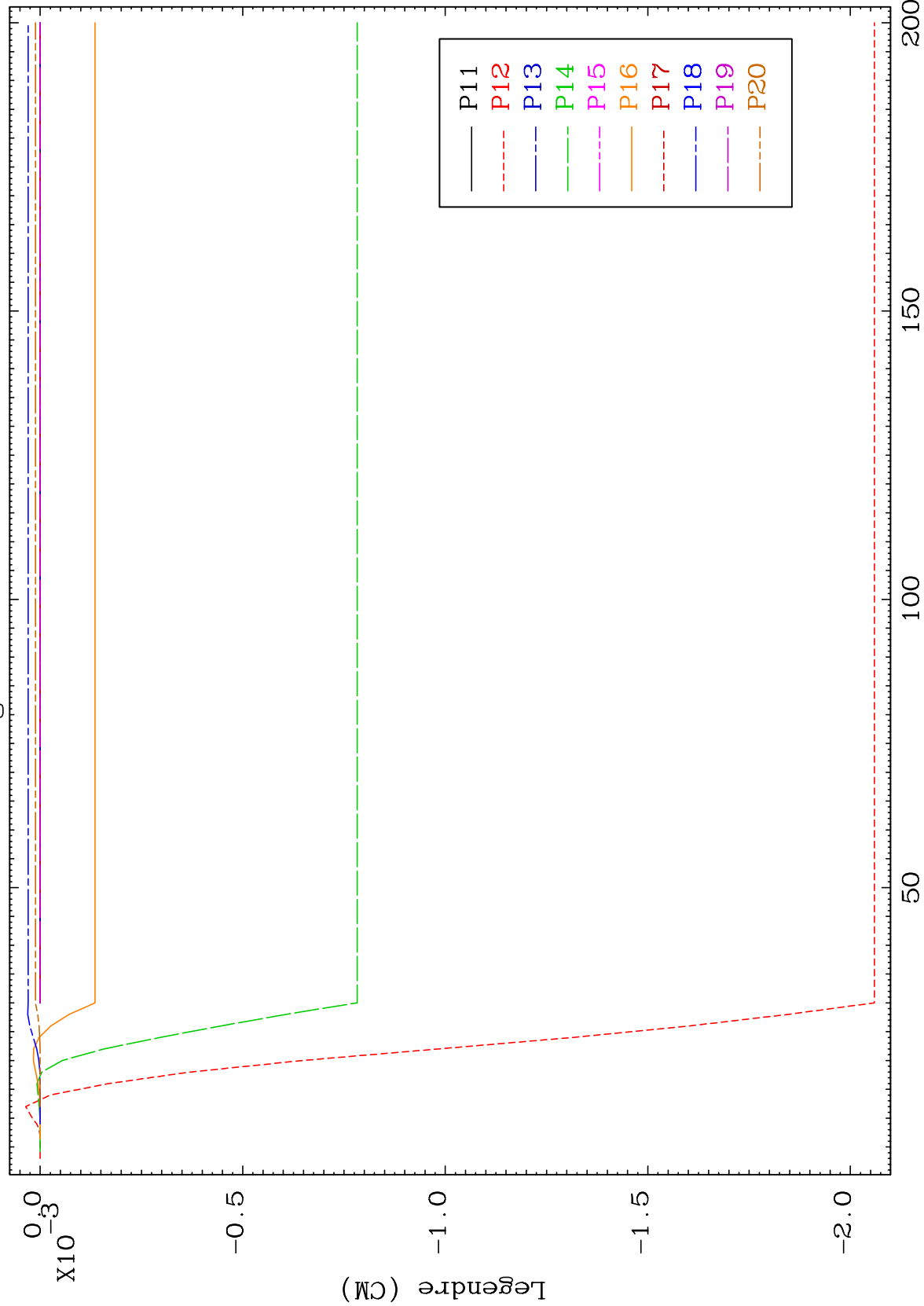


MAT 6640

MT= 63 (n,n') Level

66-Dy-161

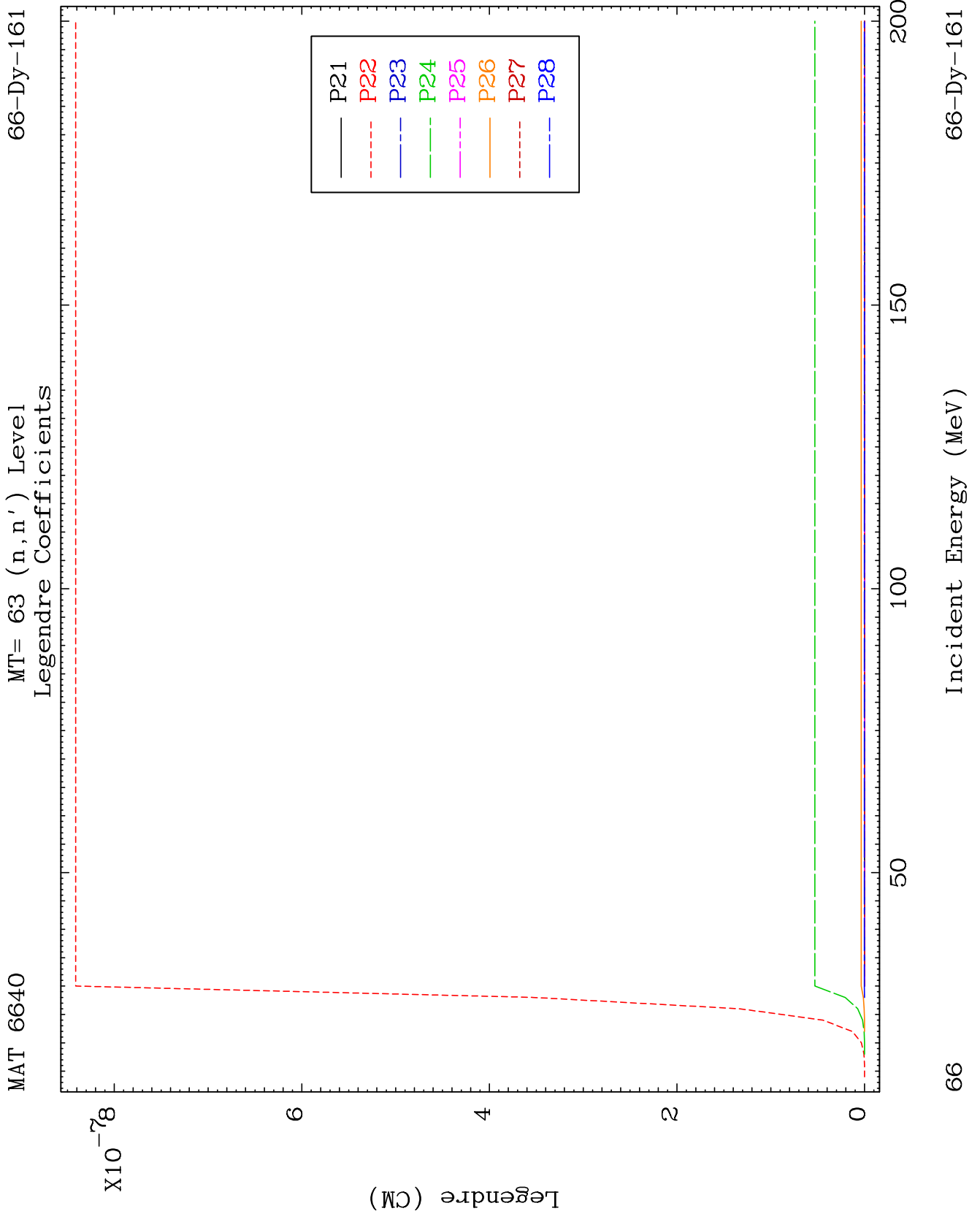
Legendre Coefficients



65

Incident Energy (MeV)

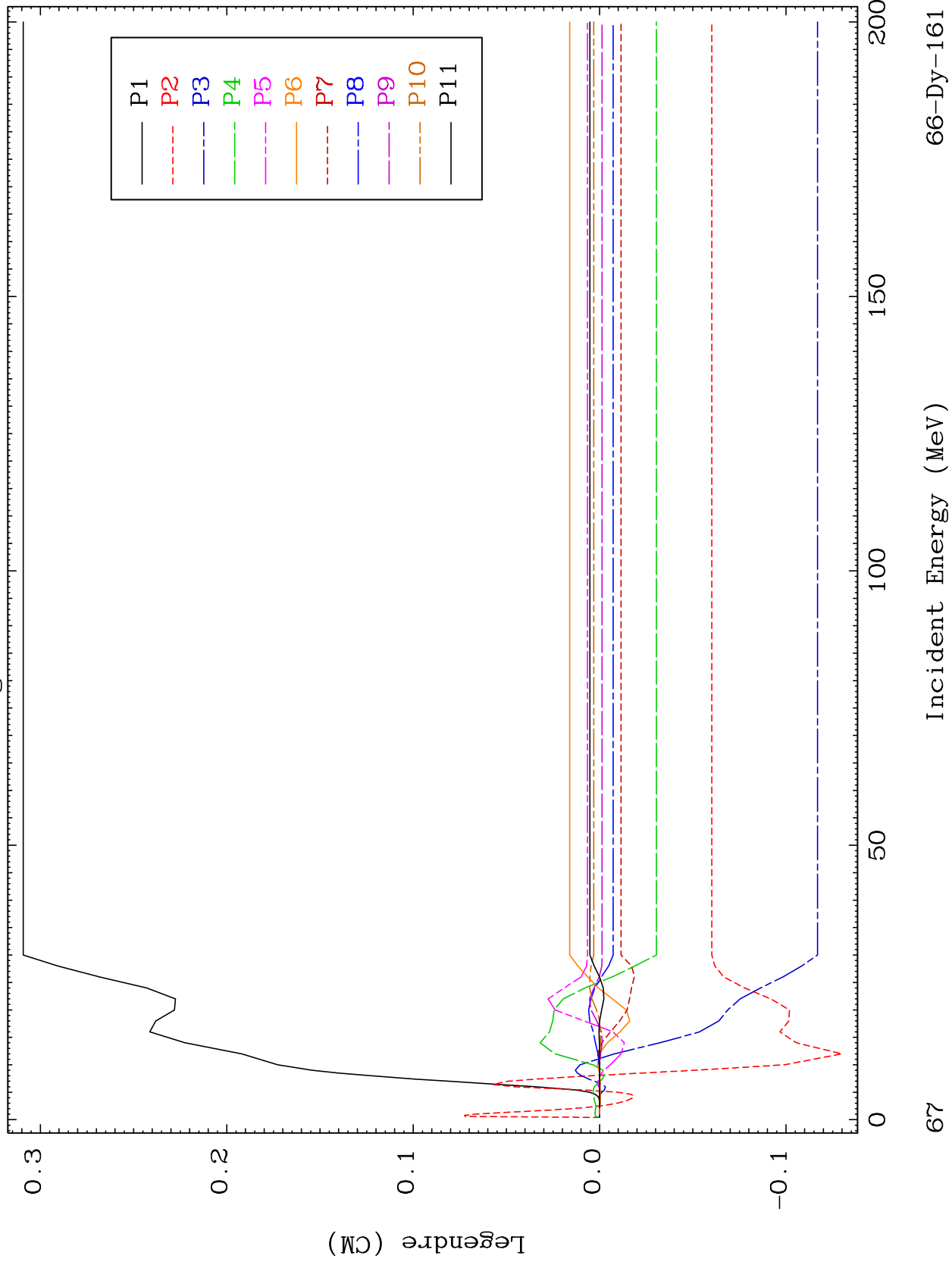
66-Dy-161



MAT 6640

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

66-Dy-161



66-Dy-161

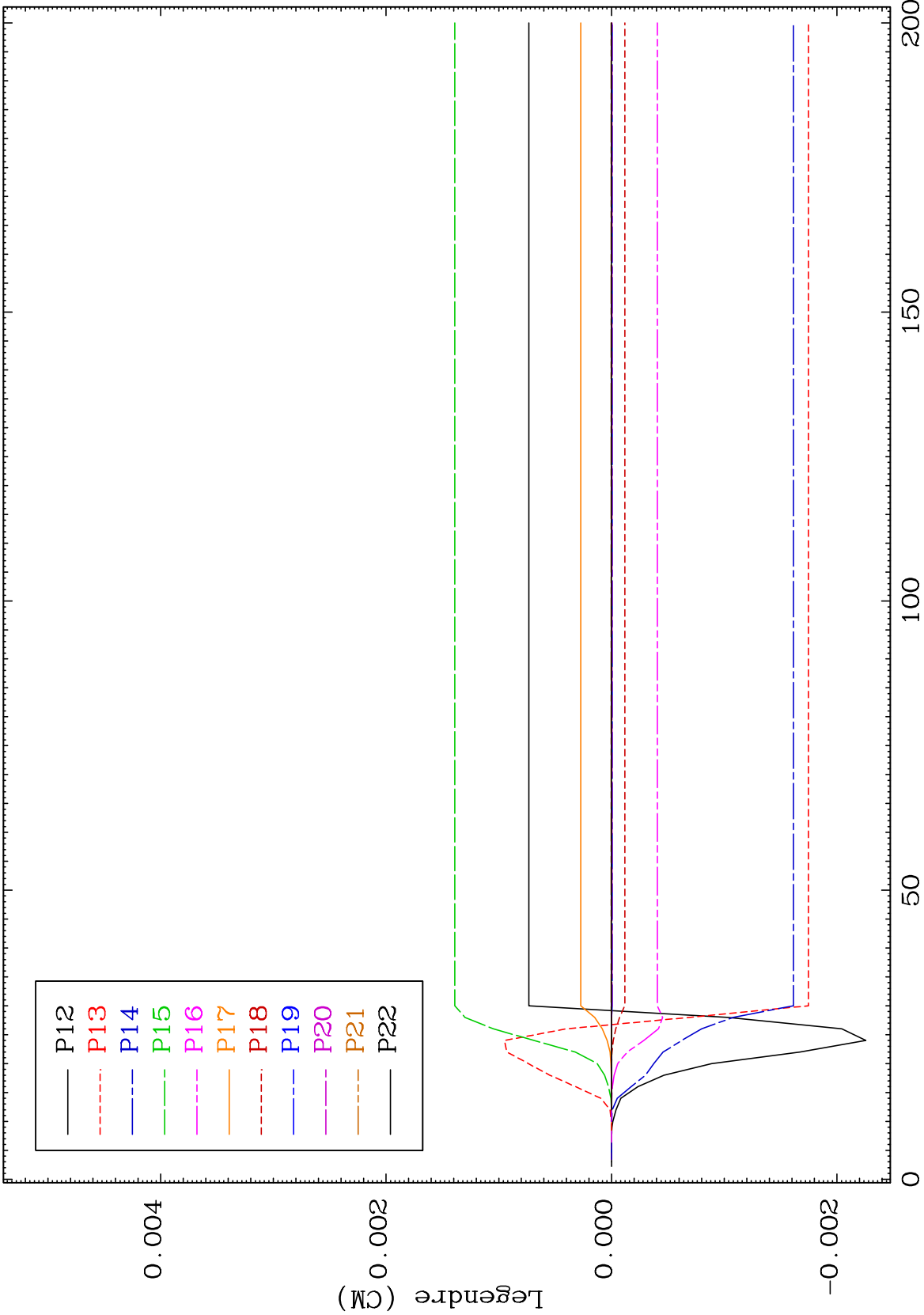
Incident Energy (MeV)

67

MAT 6640

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

66-Dy-161



68

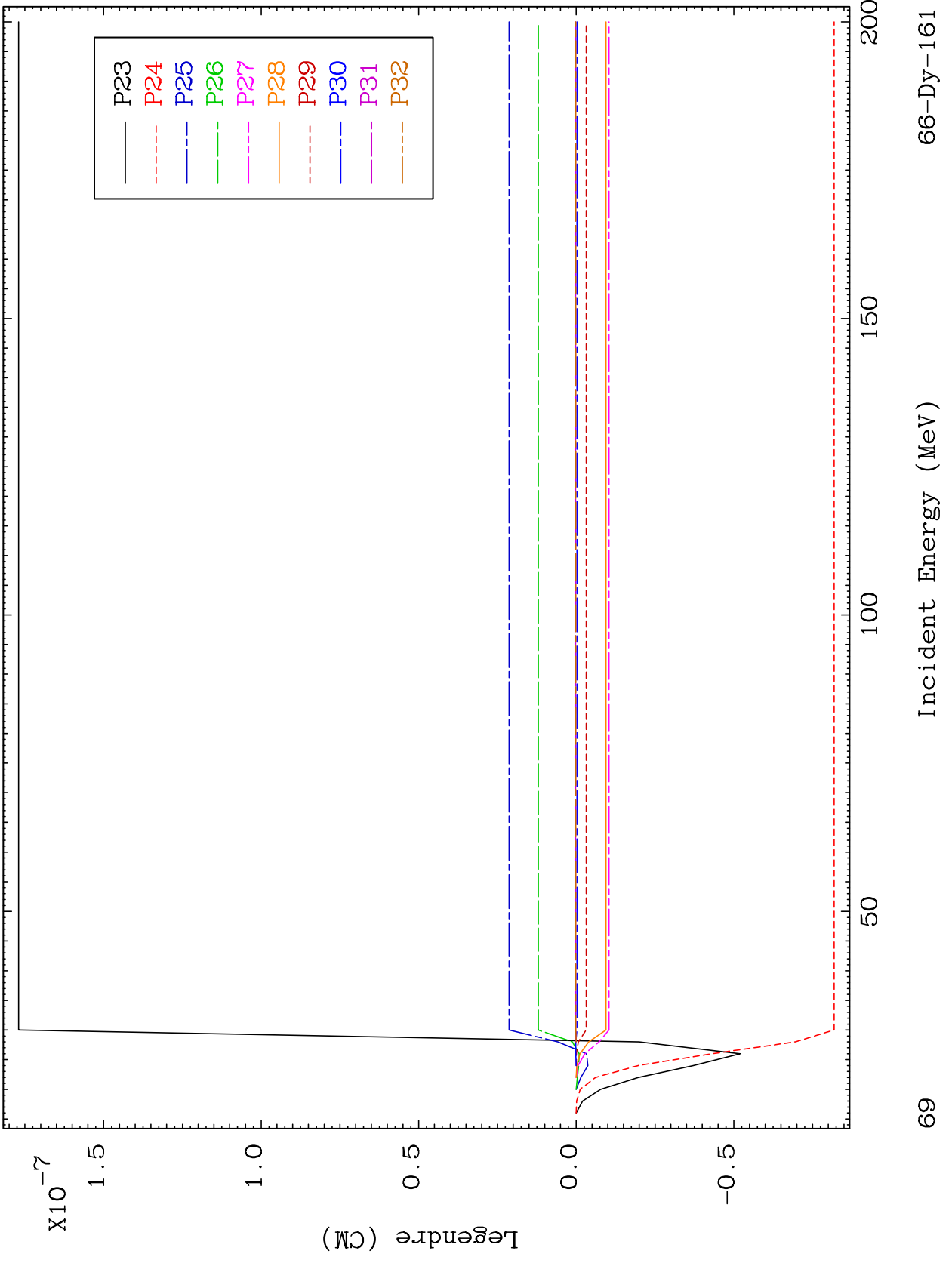
Incident Energy (MeV)

66-Dy-161

MAT 6640

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

66-Dy-161



69

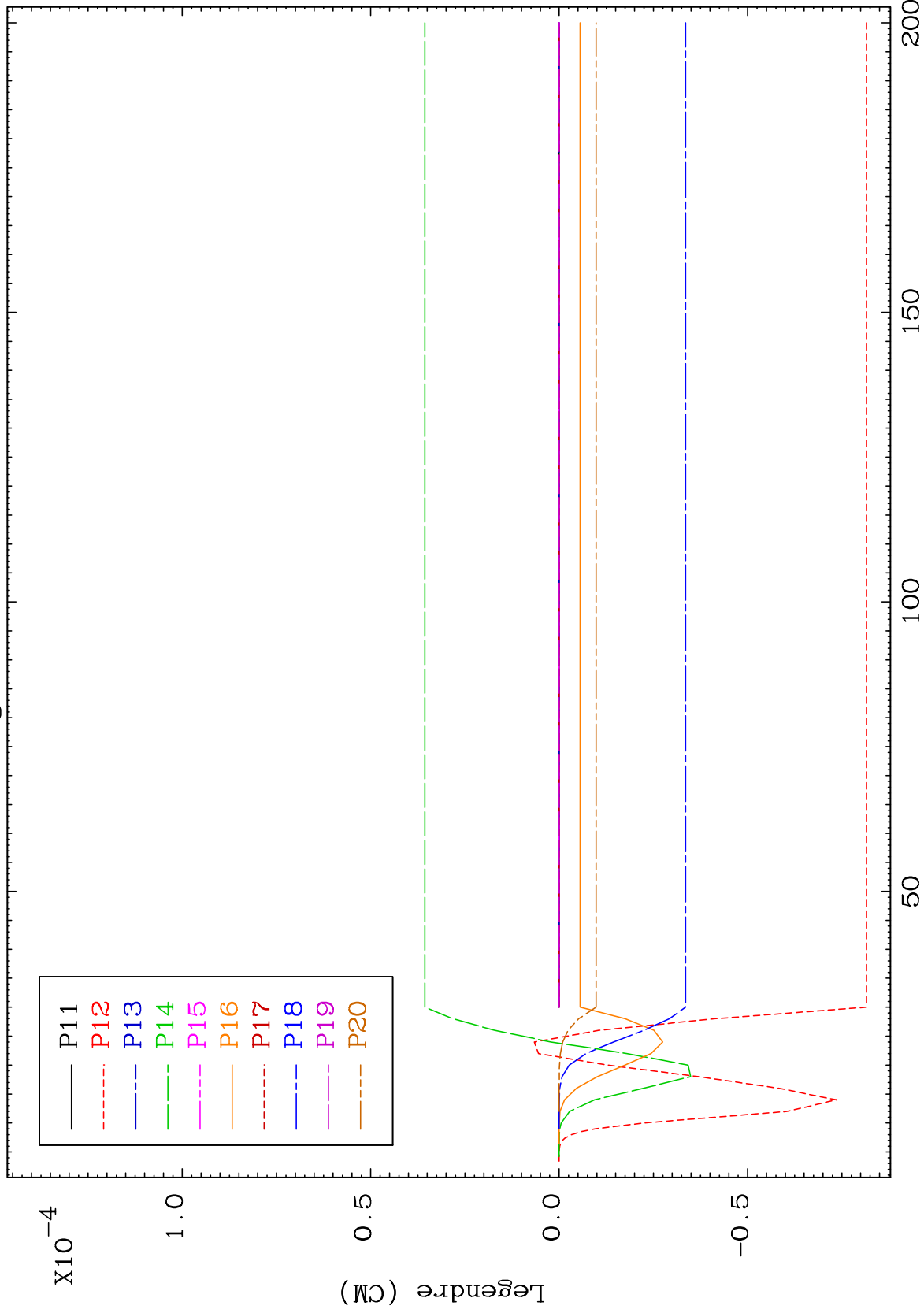
Incident Energy (MeV)

66-Dy-161

MAT 6640

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

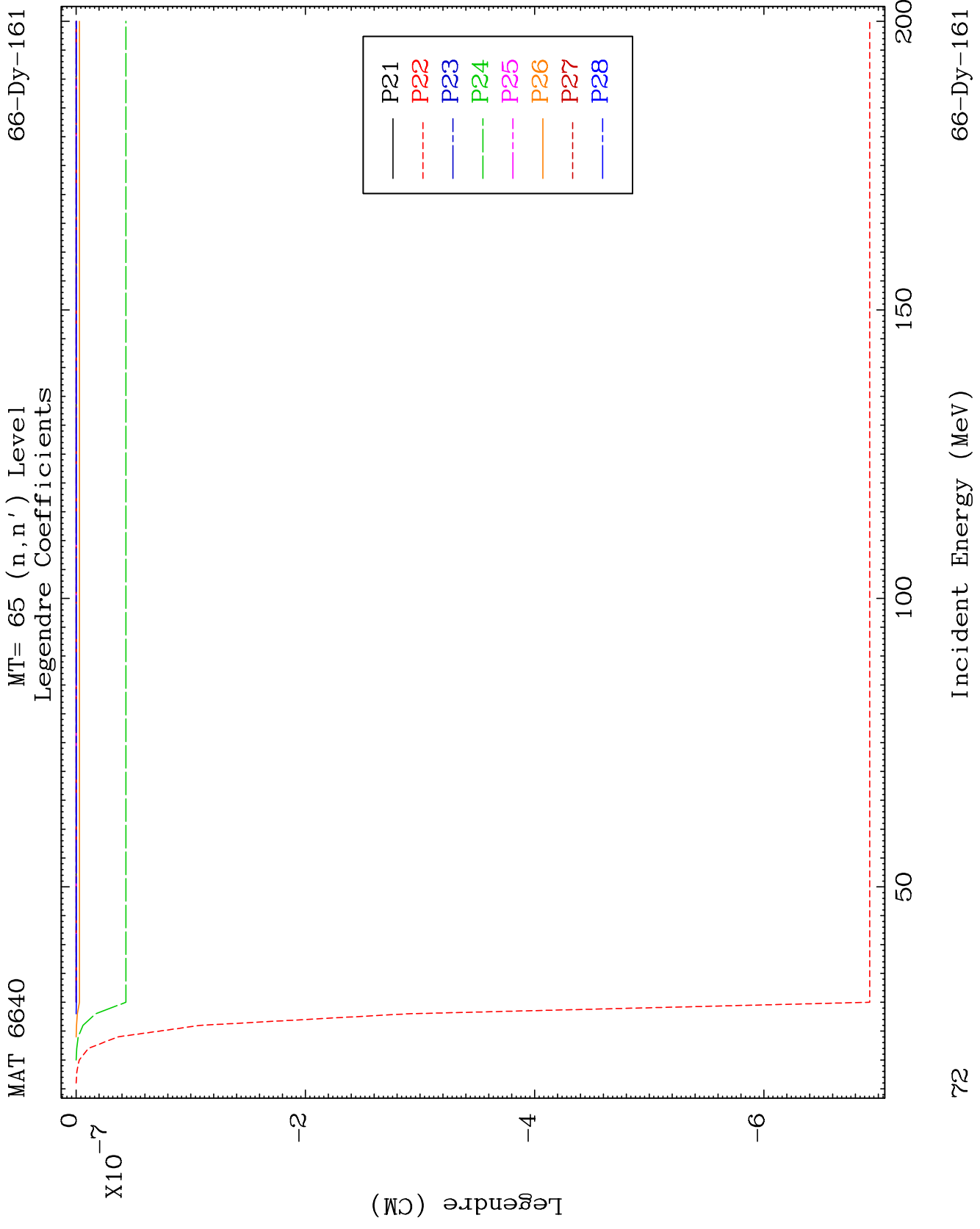
66-Dy-161



71

Incident Energy (MeV)

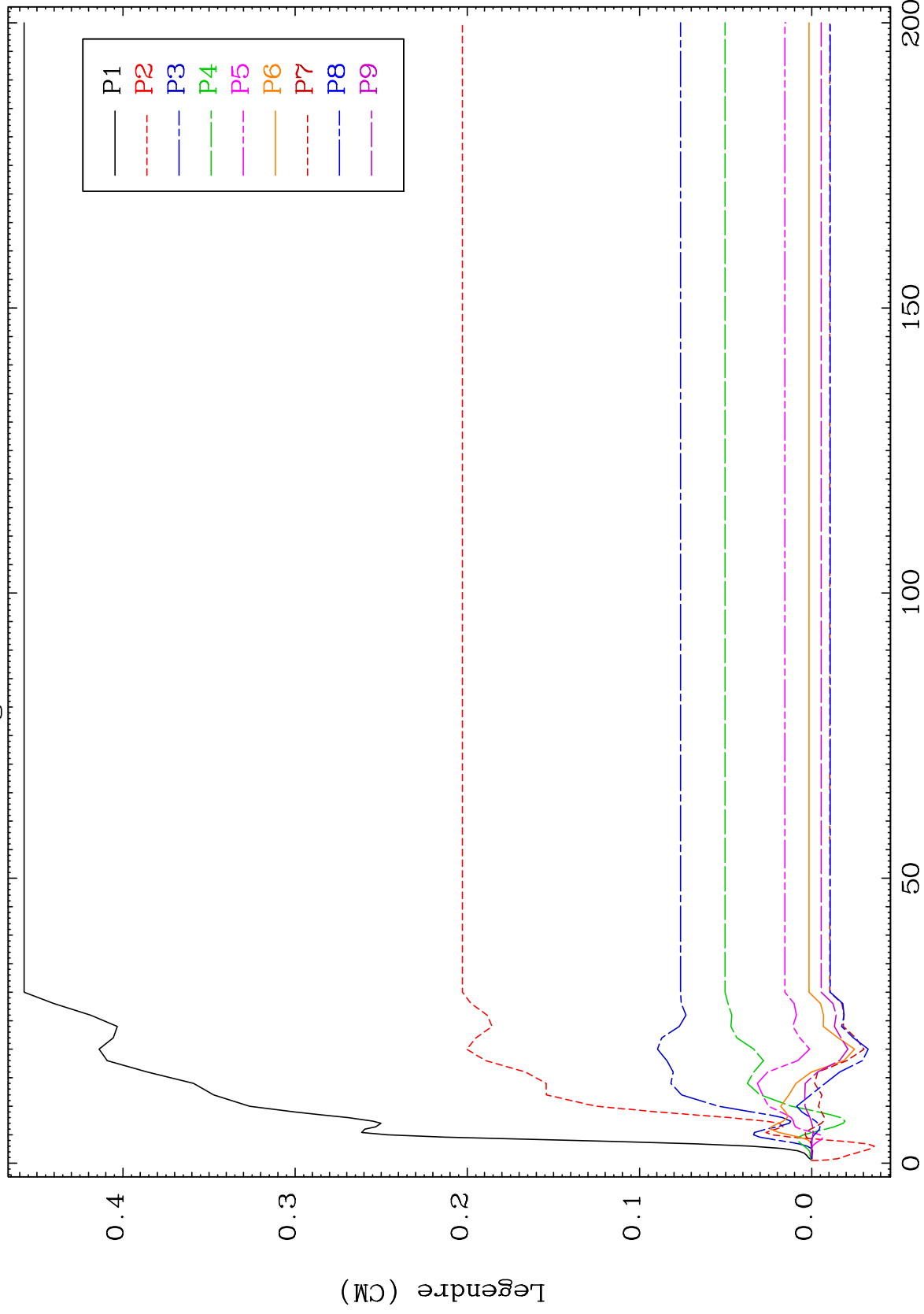
66-Dy-161



MAT 6640

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

66-Dy-161



73

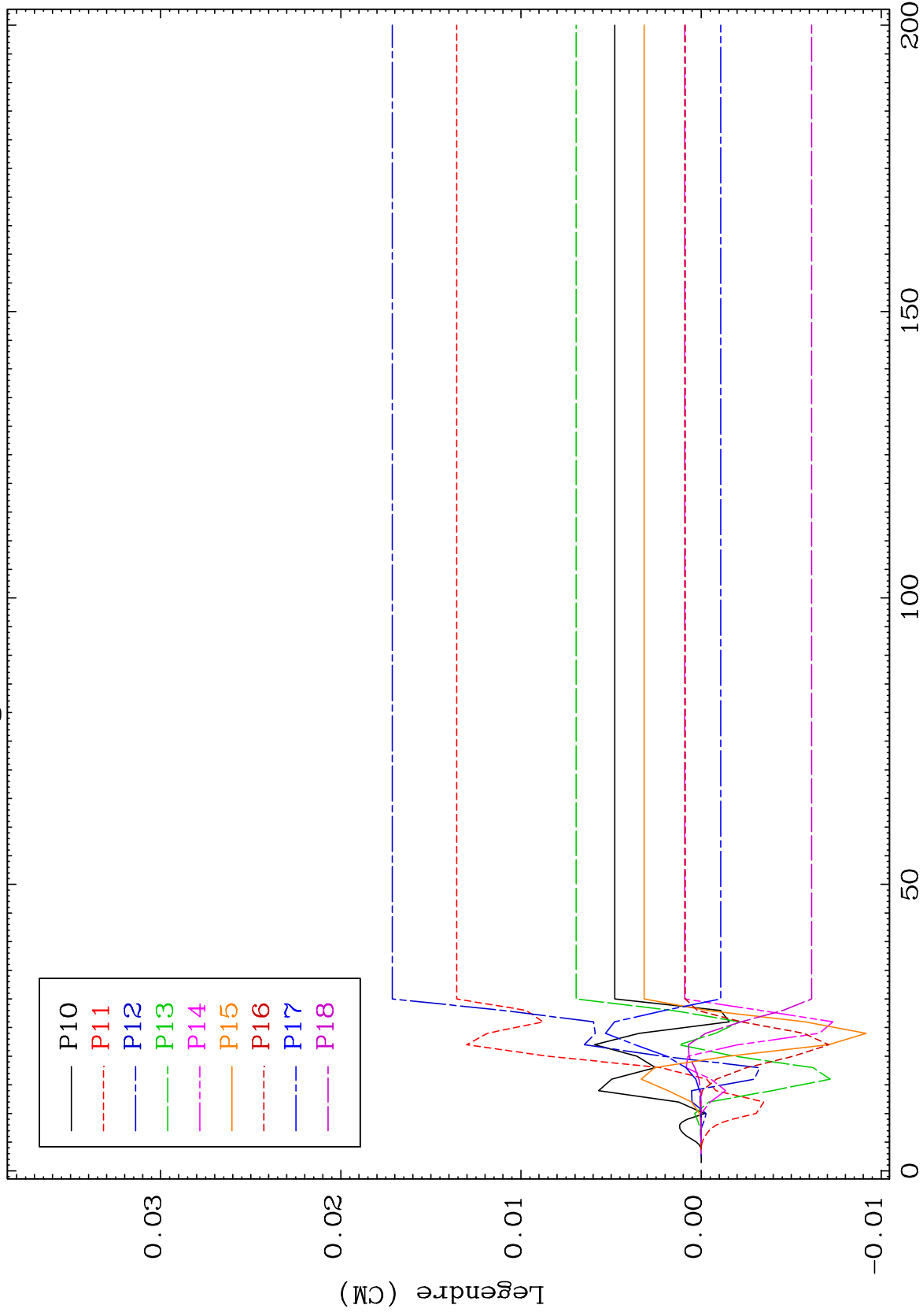
Incident Energy (MeV)

66-Dy-161

MAT 6640

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

66-Dy-161



74

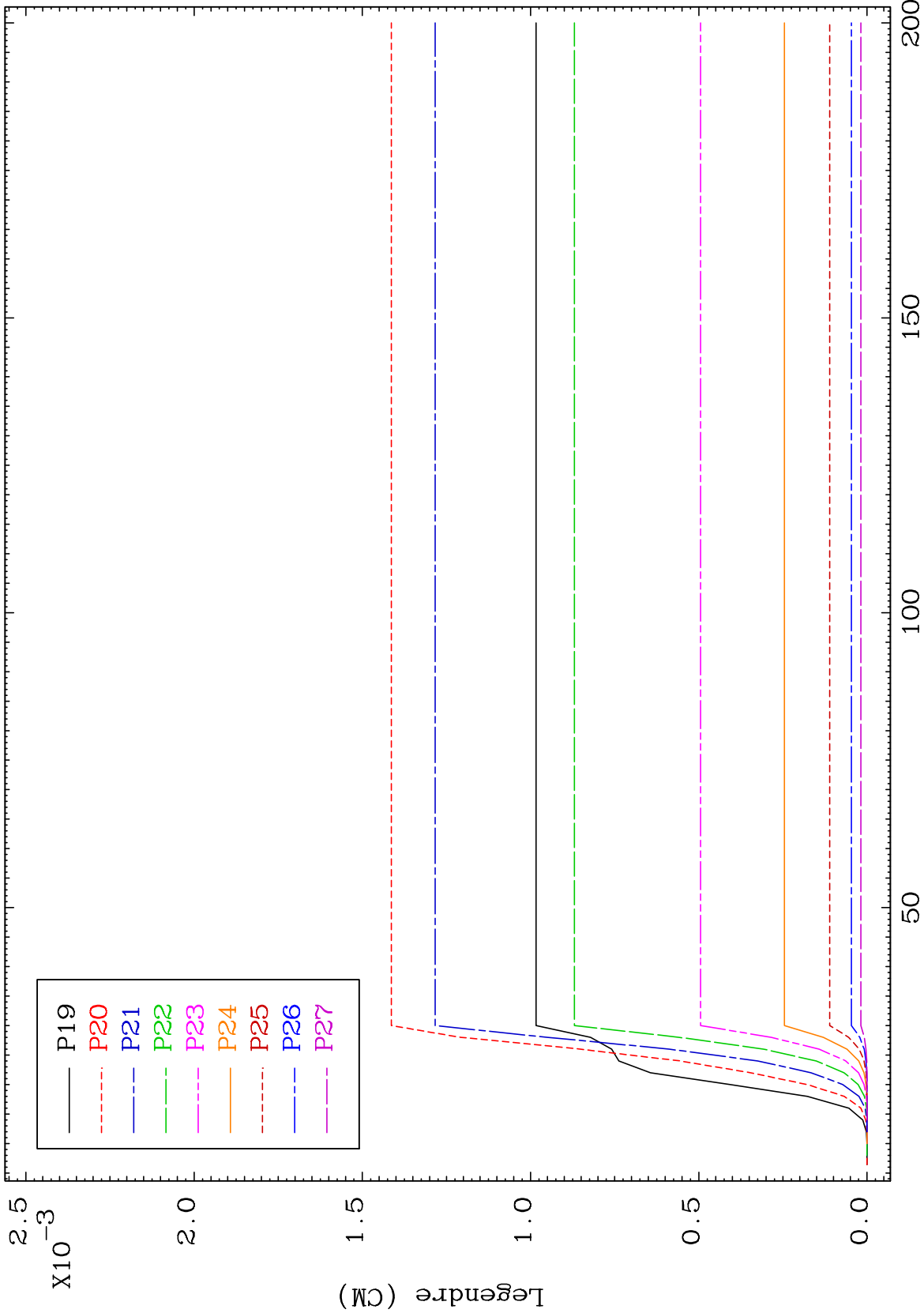
Incident Energy (MeV)

66-Dy-161

MAT 6640

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

66-Dy-161



75

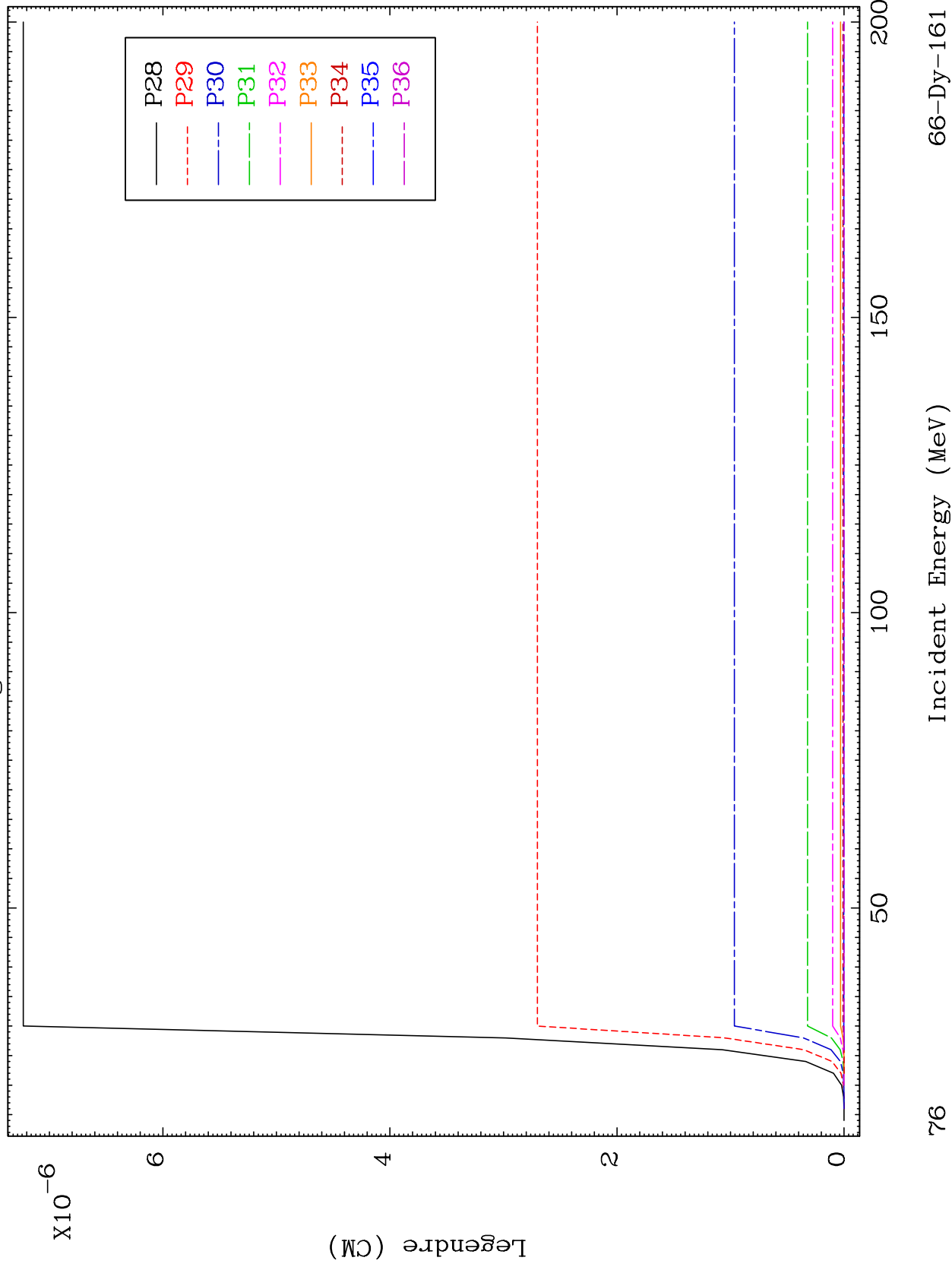
Incident Energy (MeV)

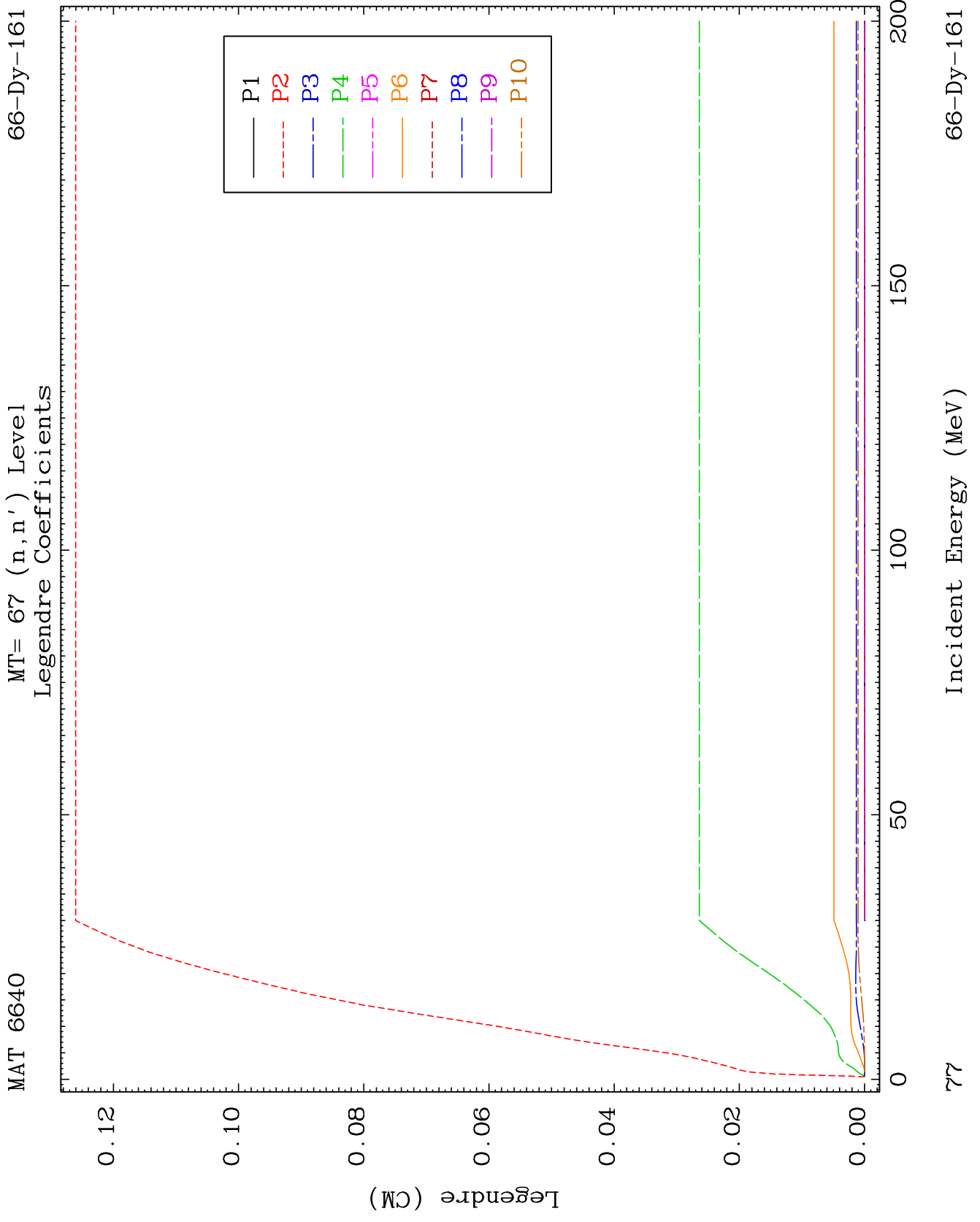
66-Dy-161

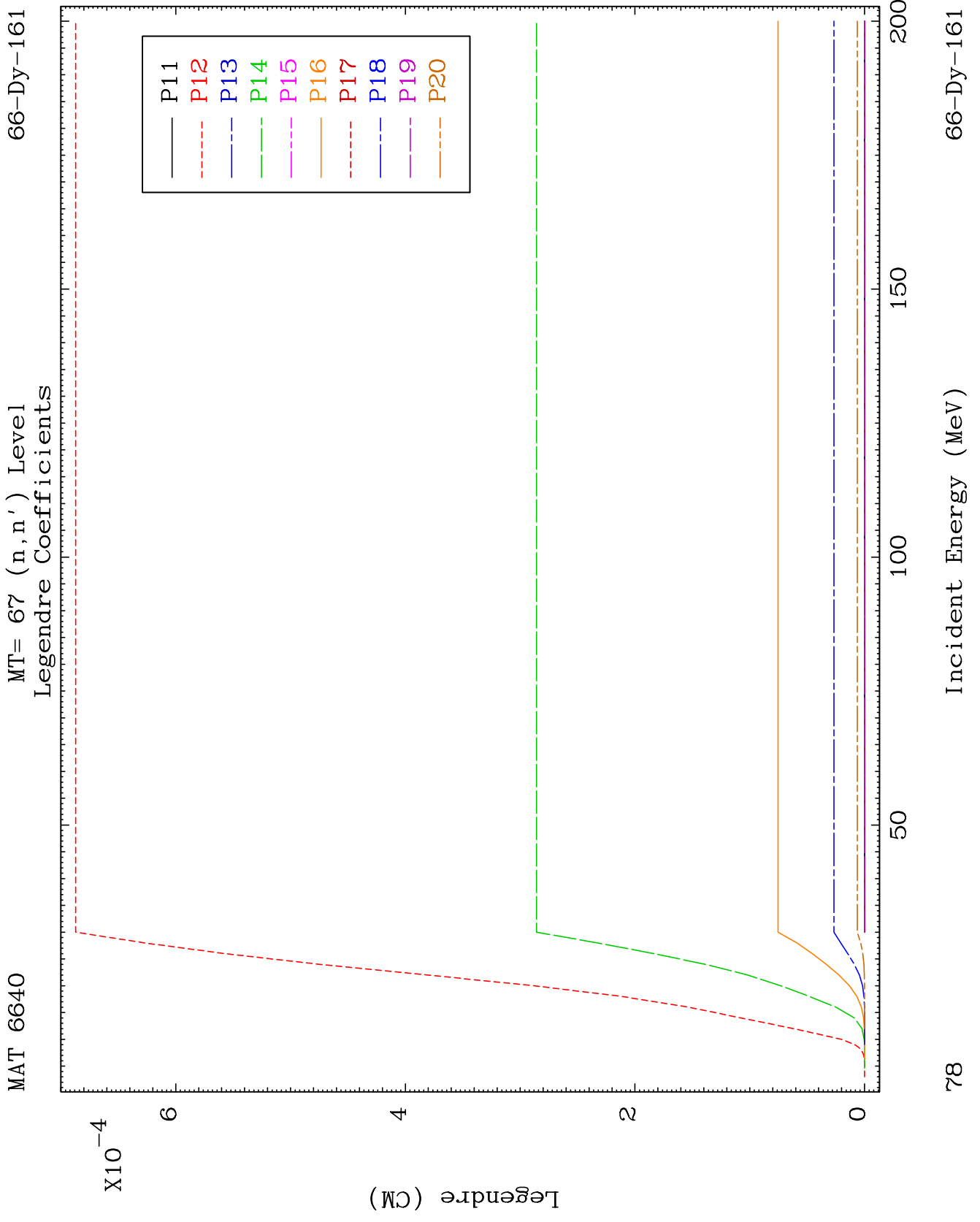
MAT 6640

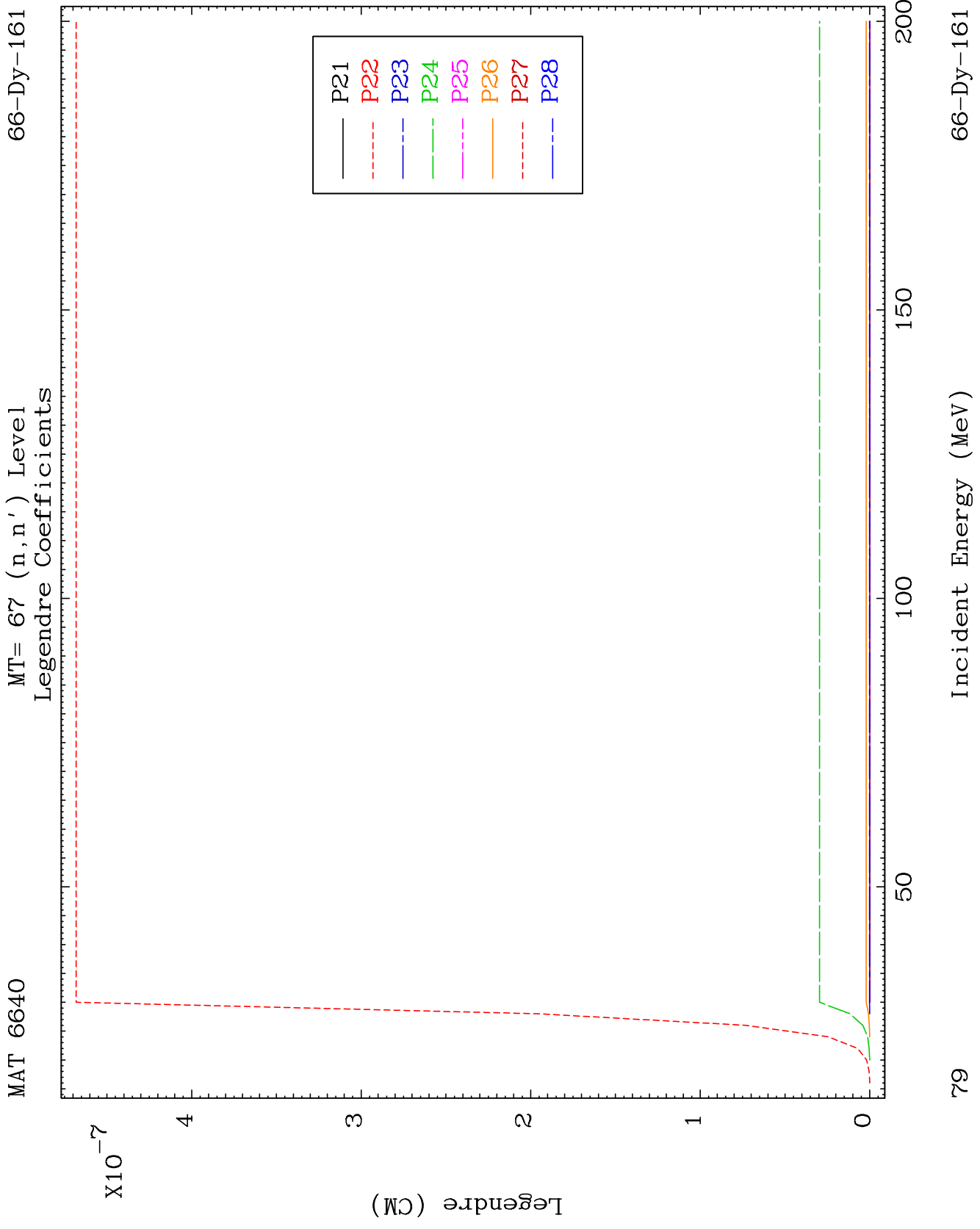
MT= 66 (n,n') Level
Legendre Coefficients

66-Dy-161





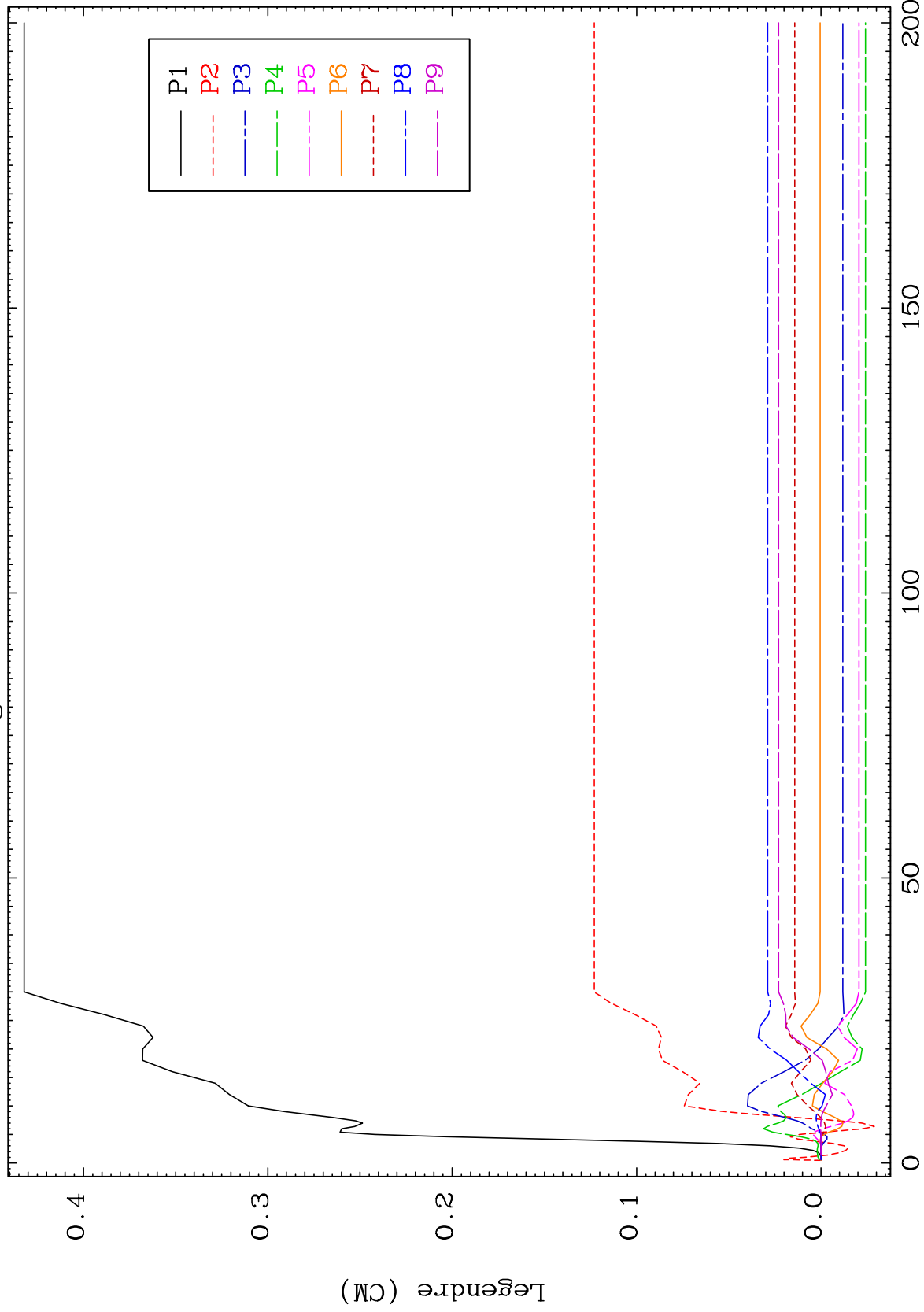




MAT 6640

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

66-Dy-161



66-Dy-161

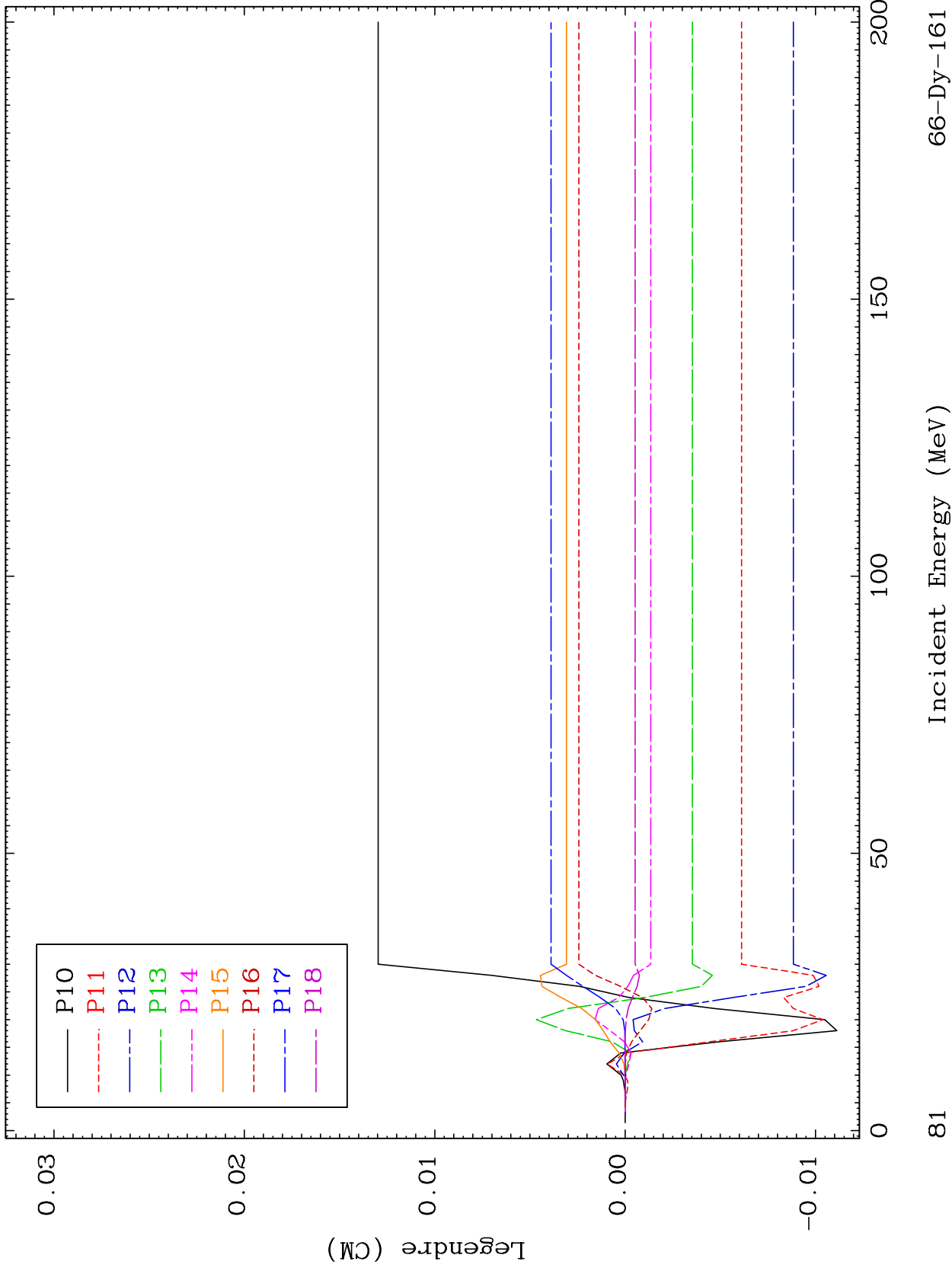
Incident Energy (MeV)

80

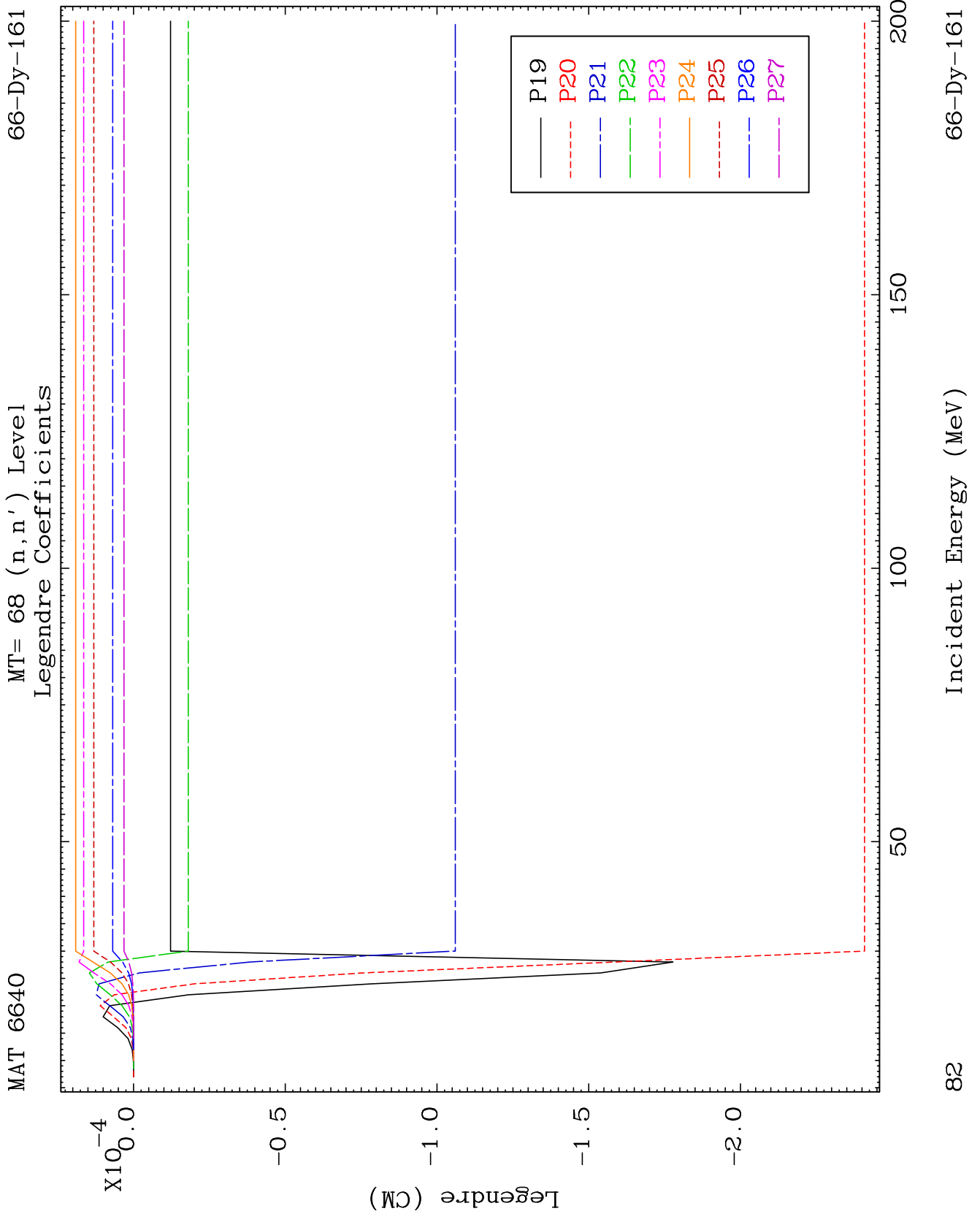
MAT 6640

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

66-Dy-161



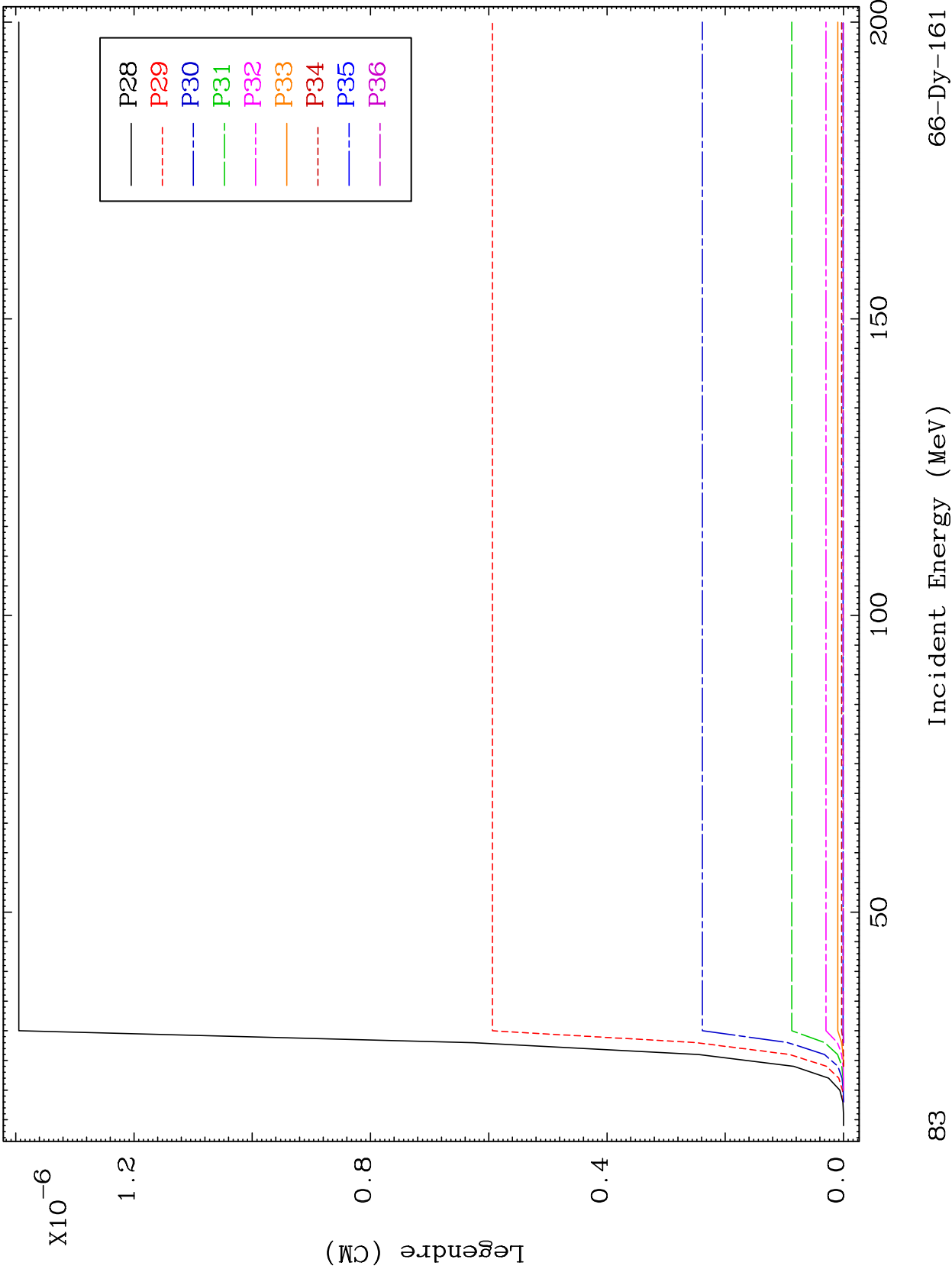
81



MAT 6640

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

66-Dy-161



83

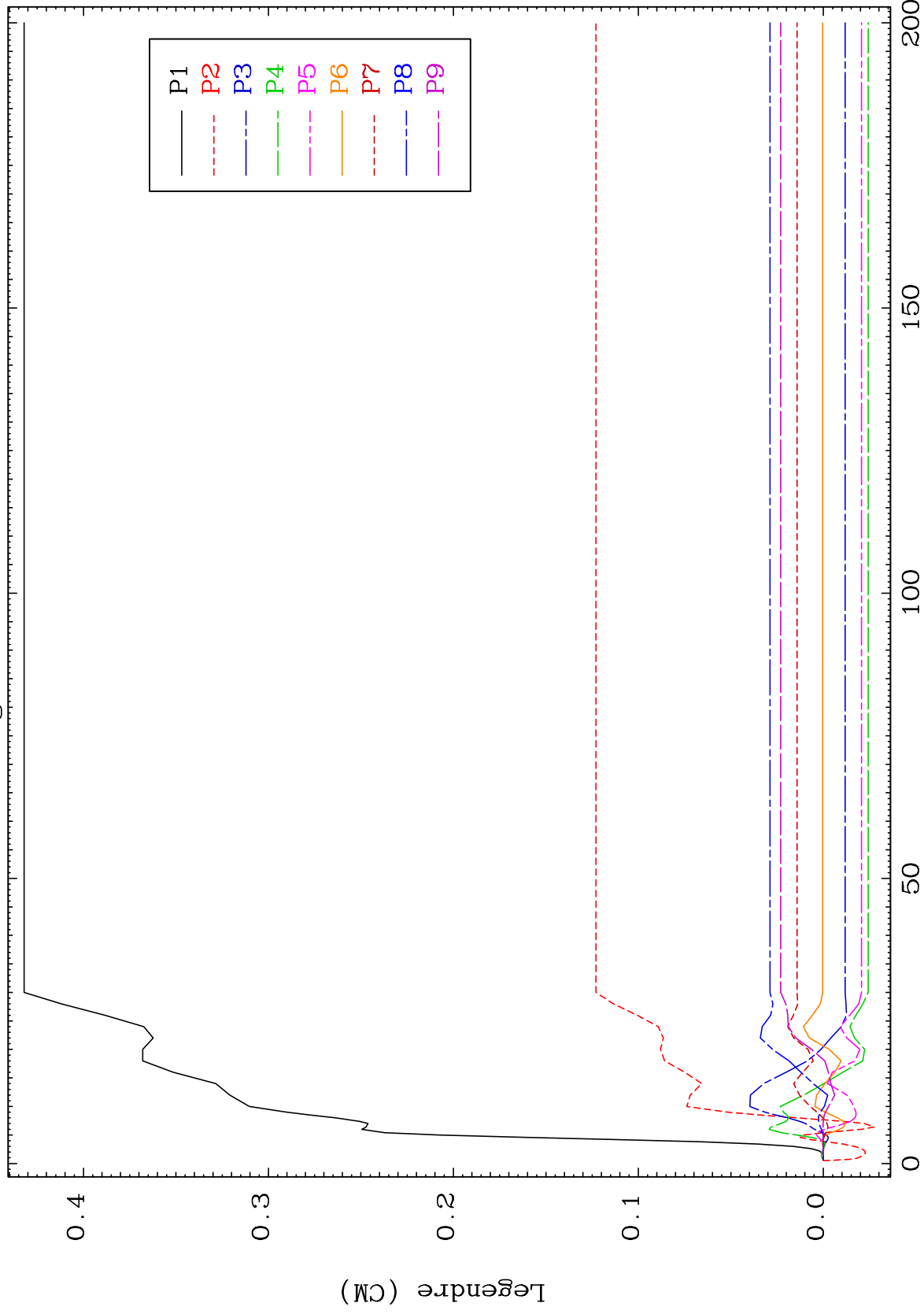
Incident Energy (MeV)

66-Dy-161

MAT 6640

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

66-Dy-161



84

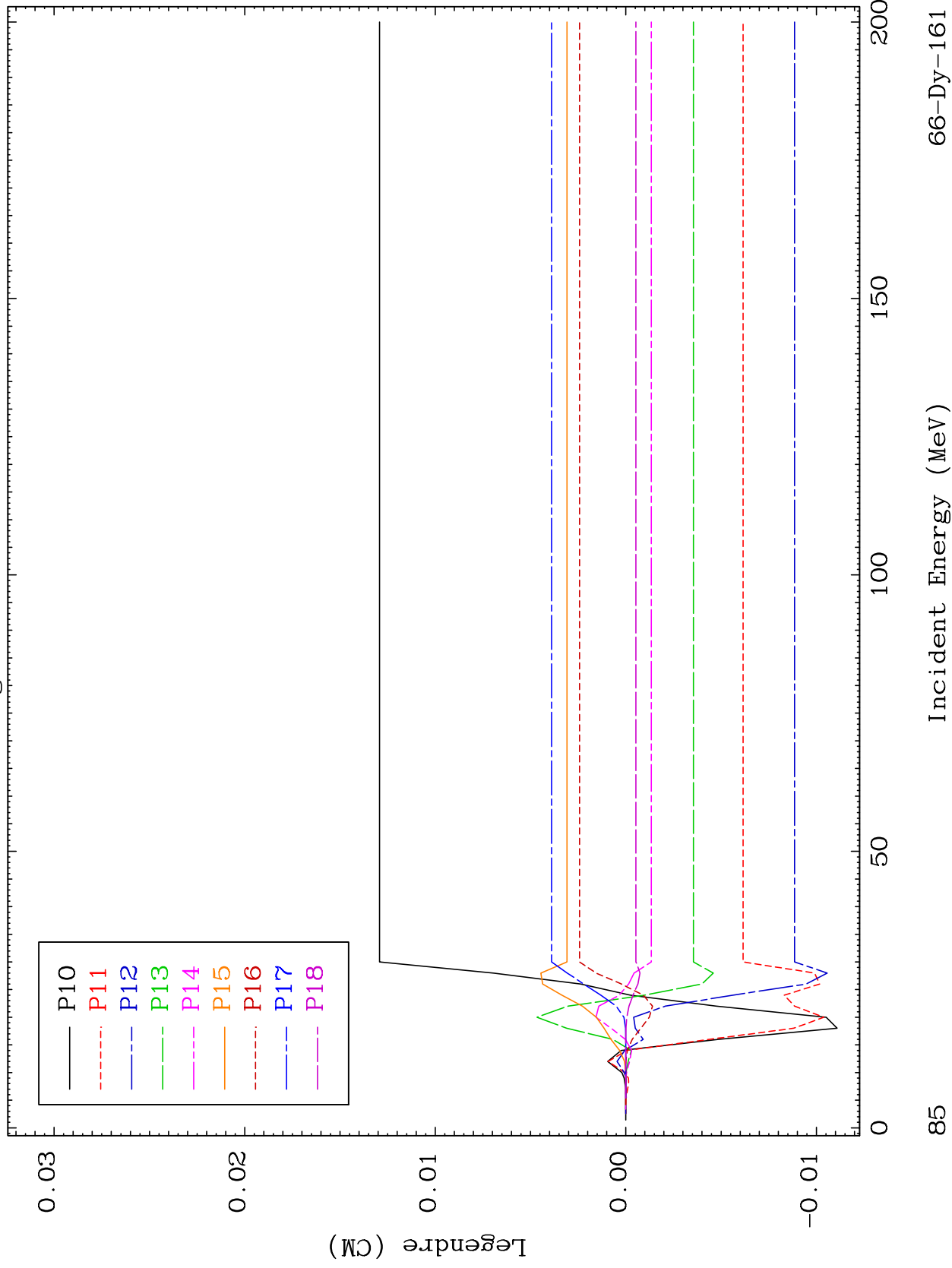
Incident Energy (MeV)

66-Dy-161

MAT 6640

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

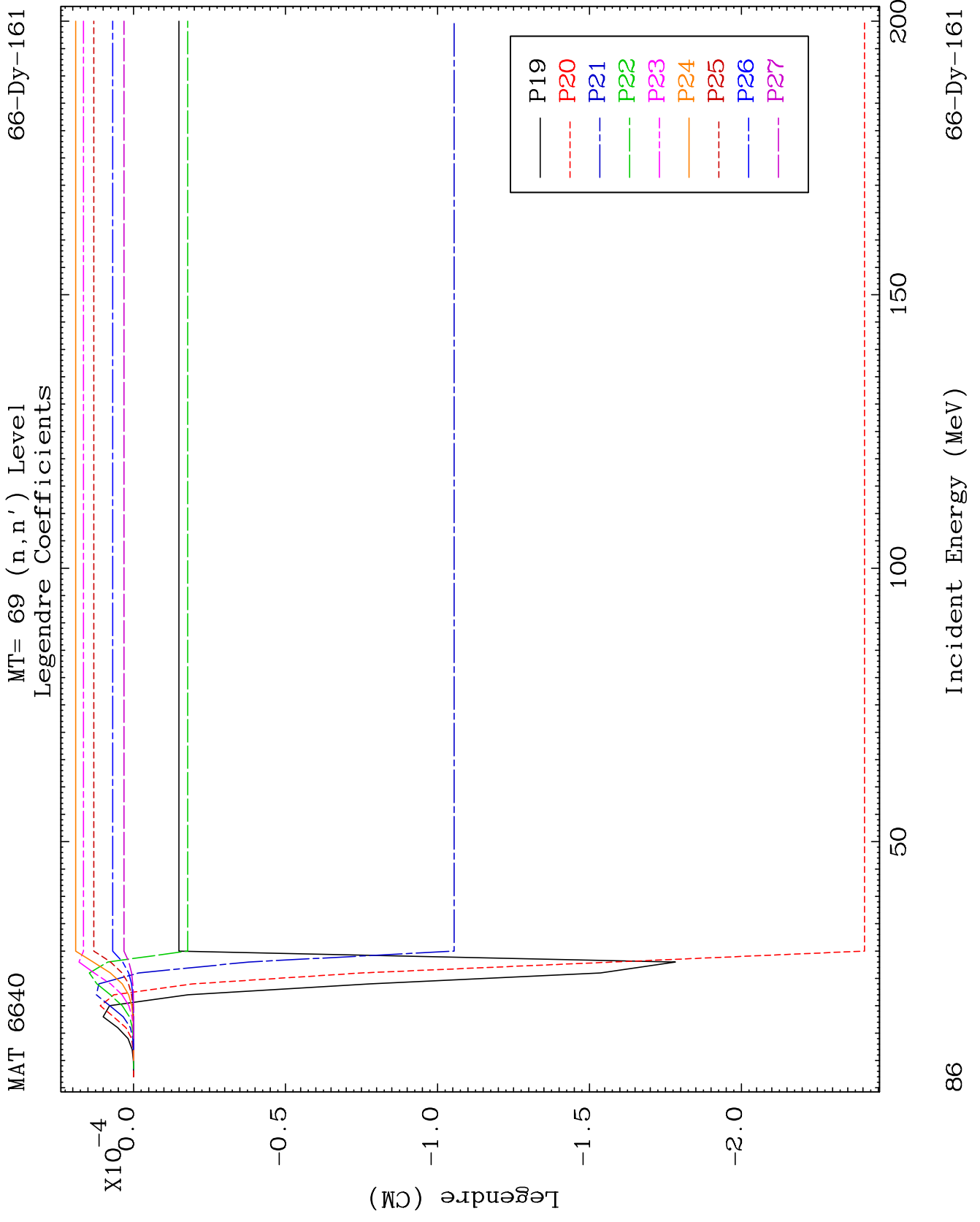
66-Dy-161



66-Dy-161

Incident Energy (MeV)

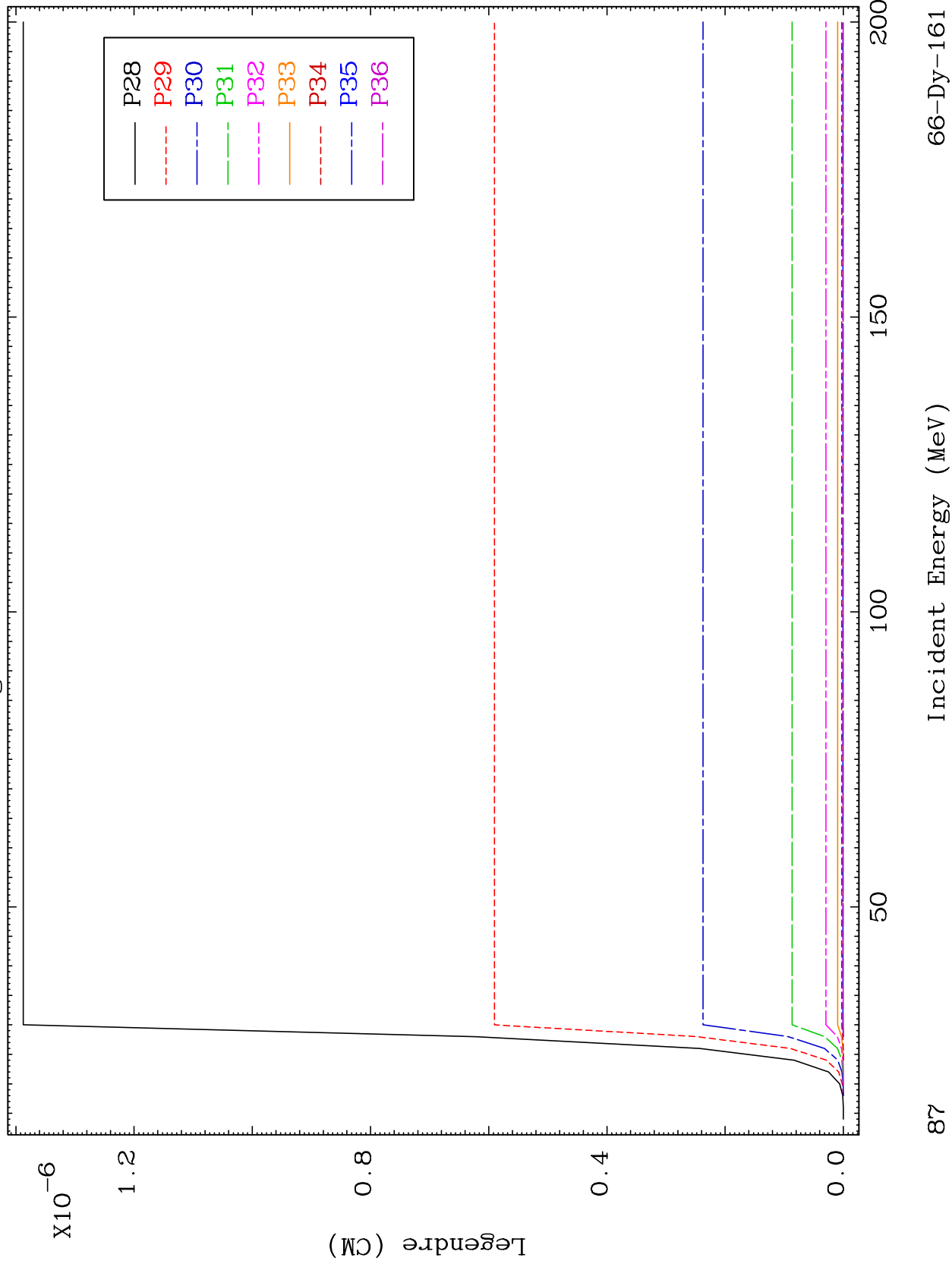
85



MAT 6640

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

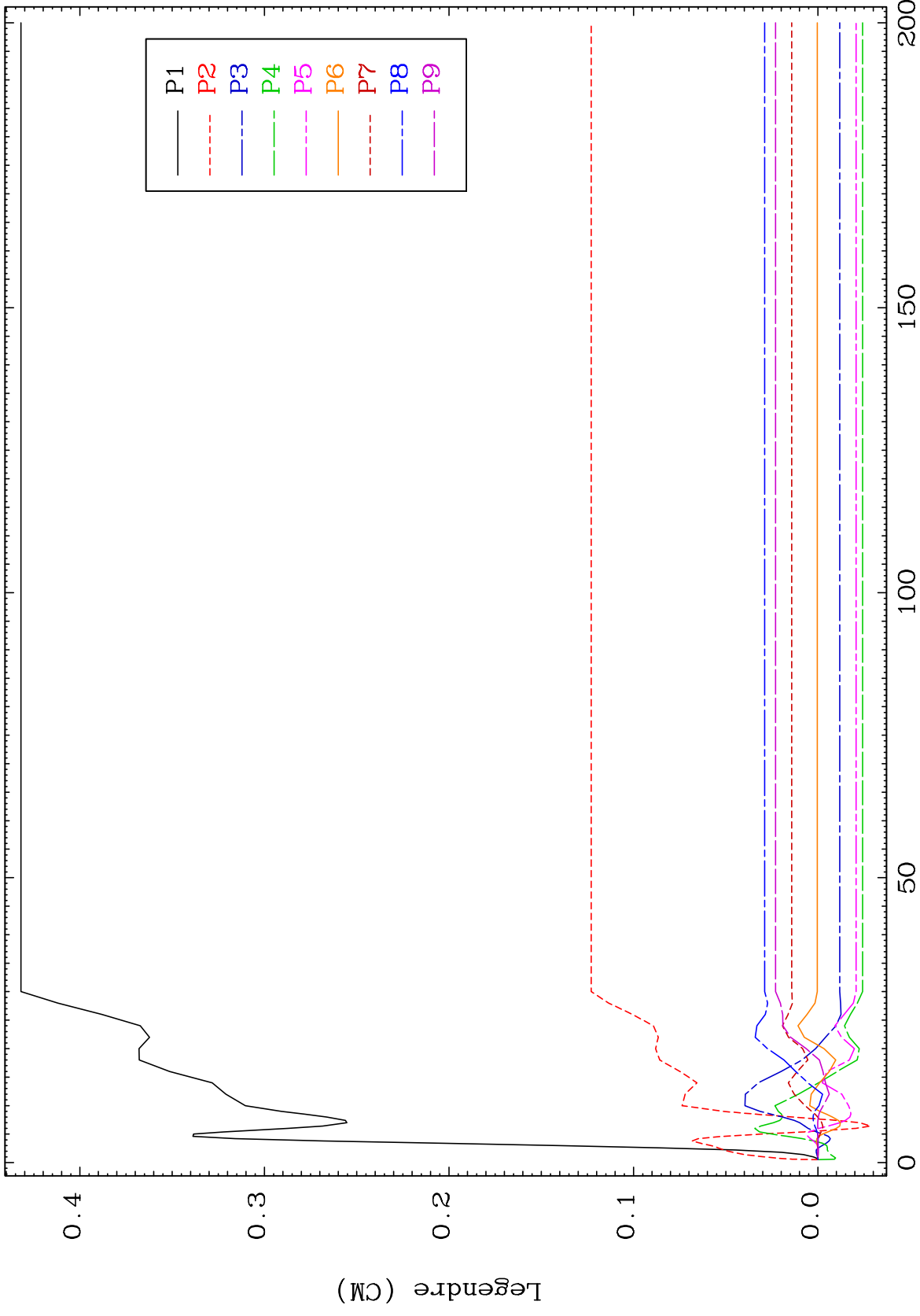
66-Dy-161



MAT 6640

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

66-Dy-161



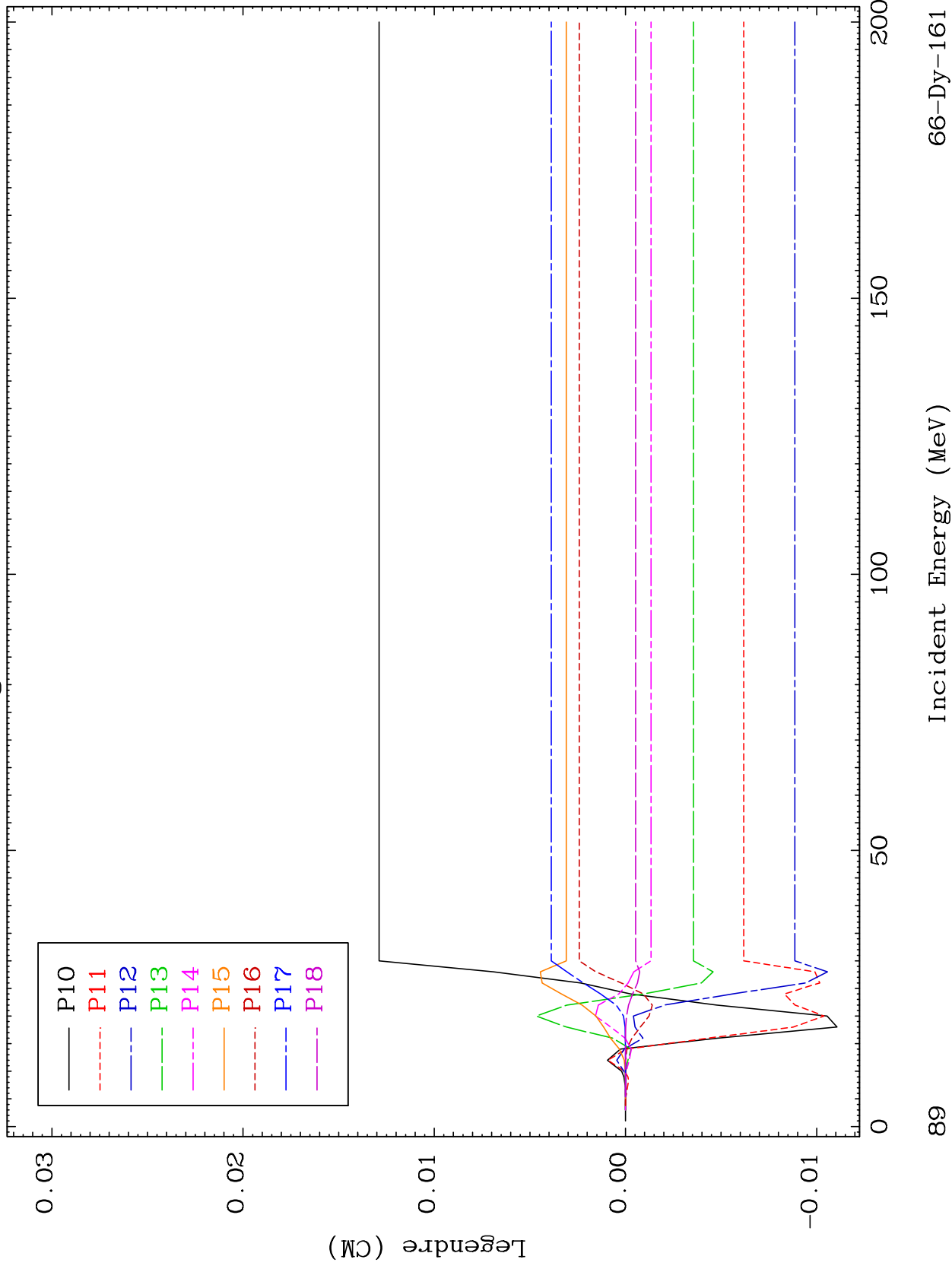
88

66-Dy-161

MAT 6640

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

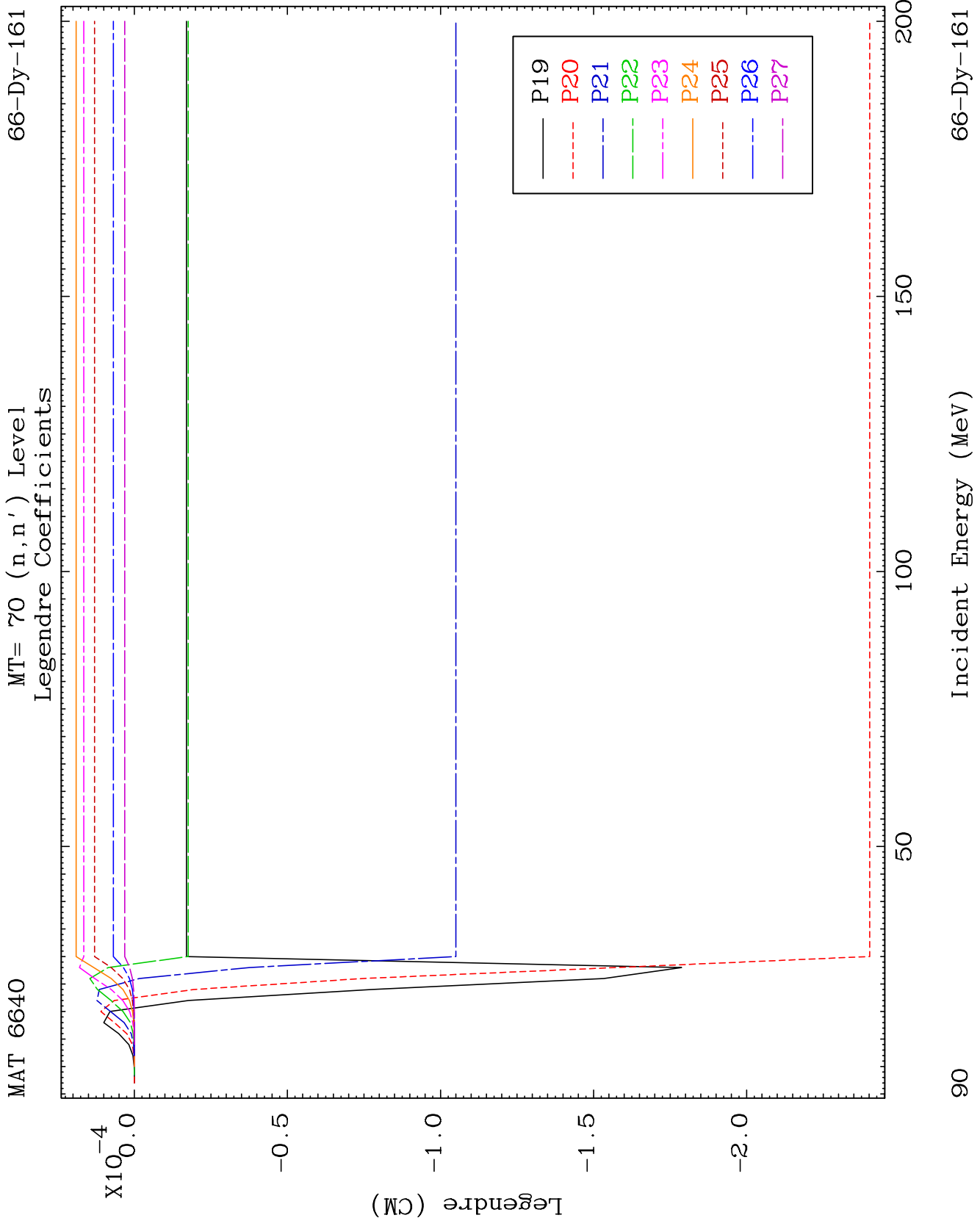
66-Dy-161



89

Incident Energy (MeV)

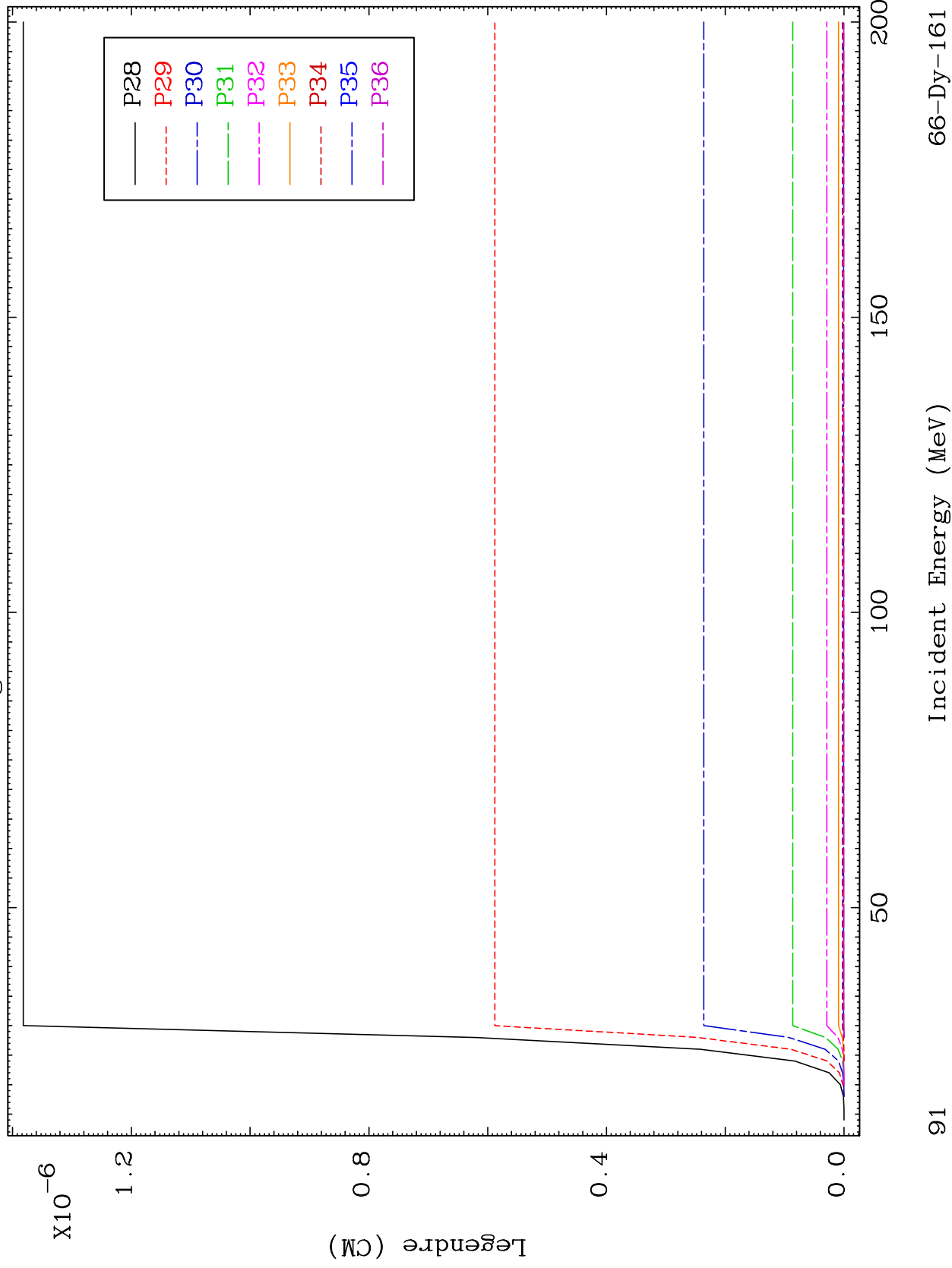
66-Dy-161

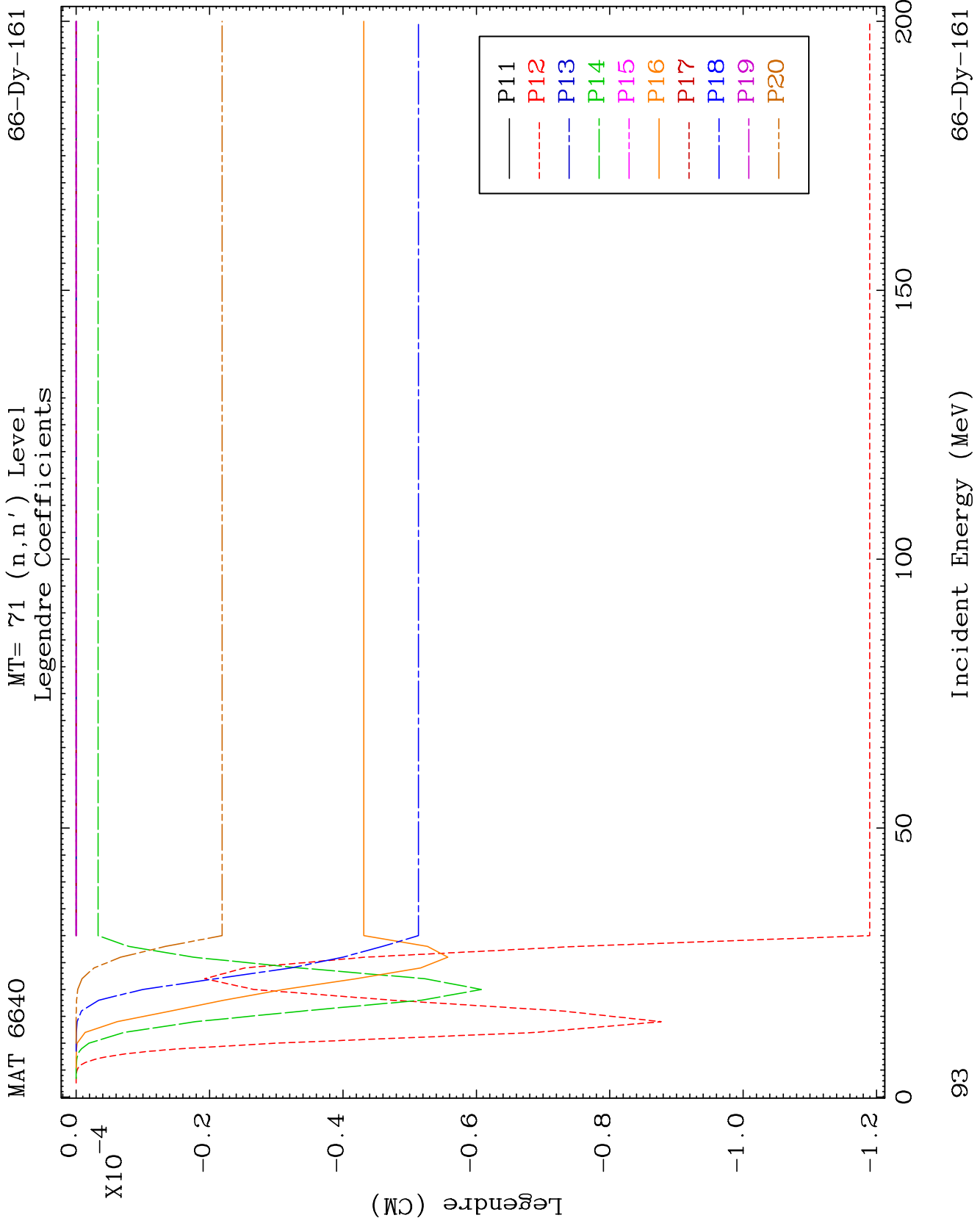


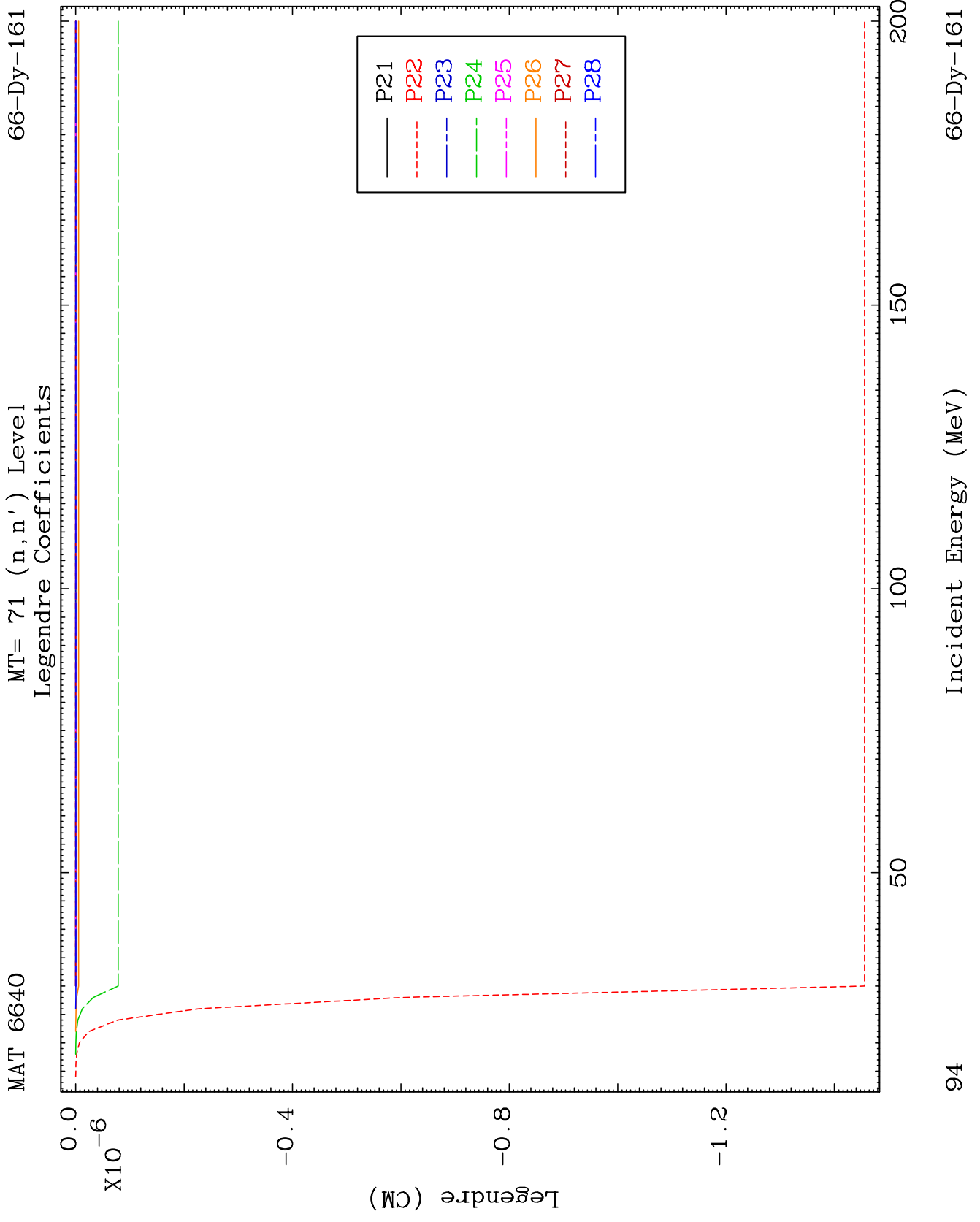
MAT 6640

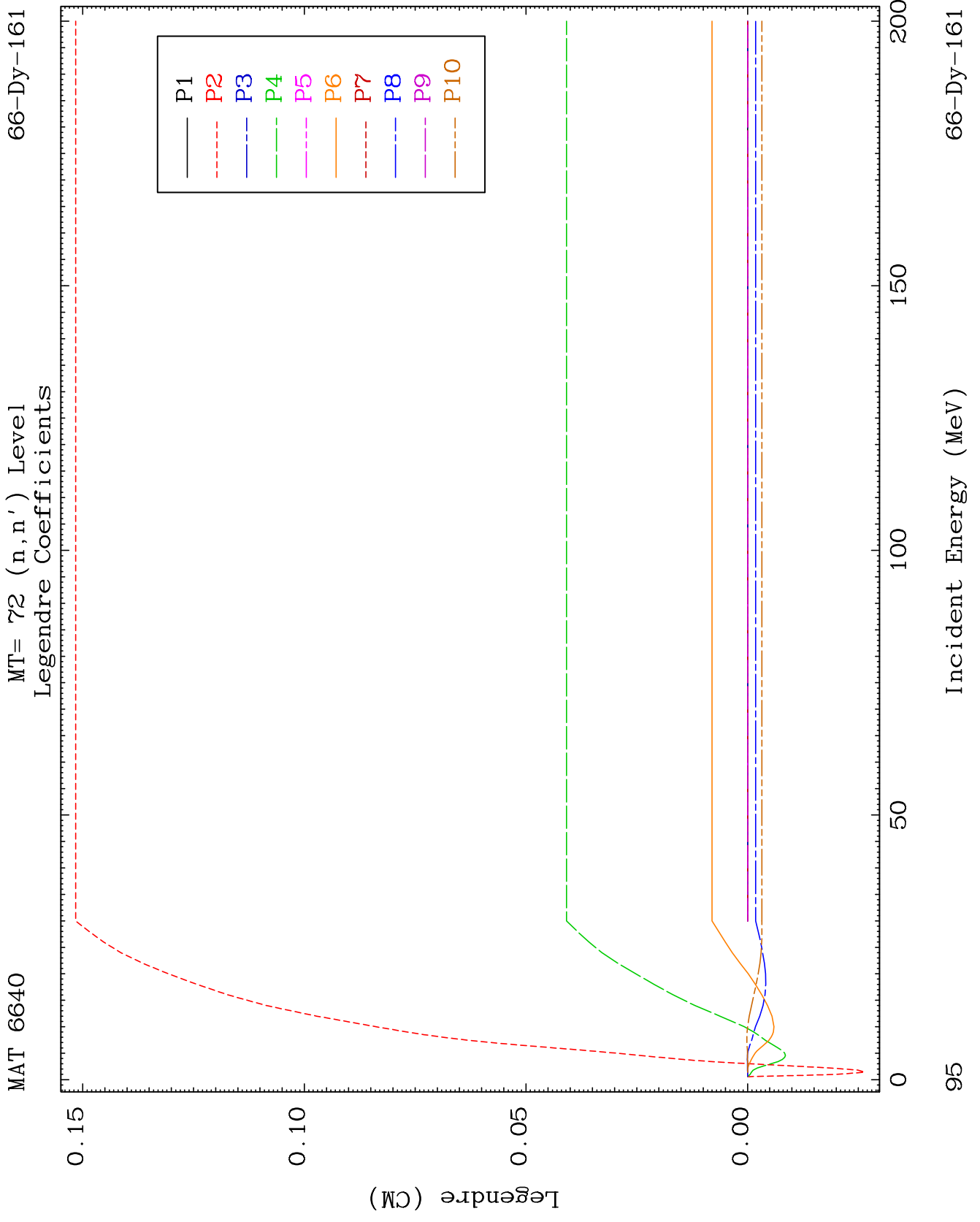
MT= 70 (n,n') Level
Legendre Coefficients

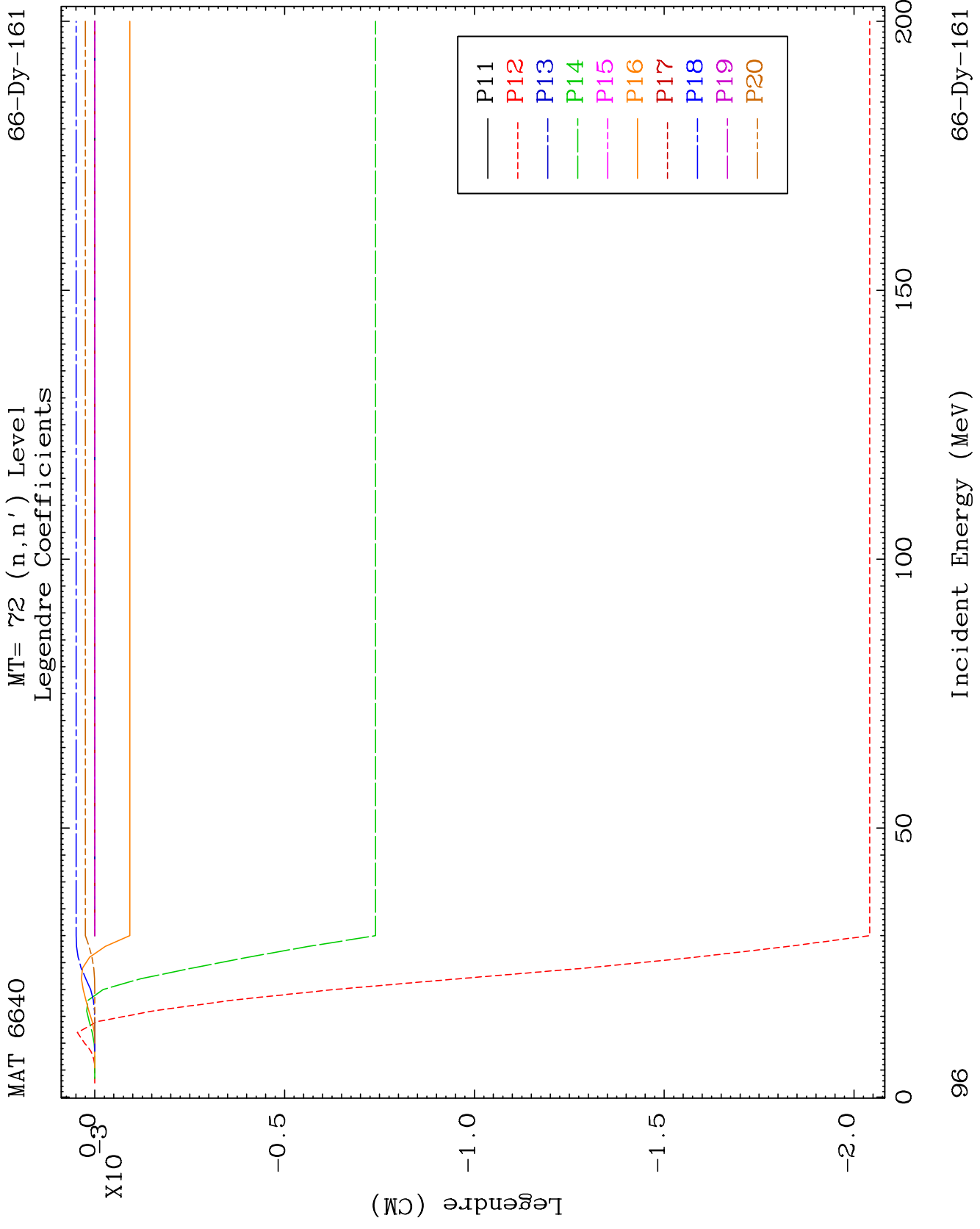
66-Dy-161

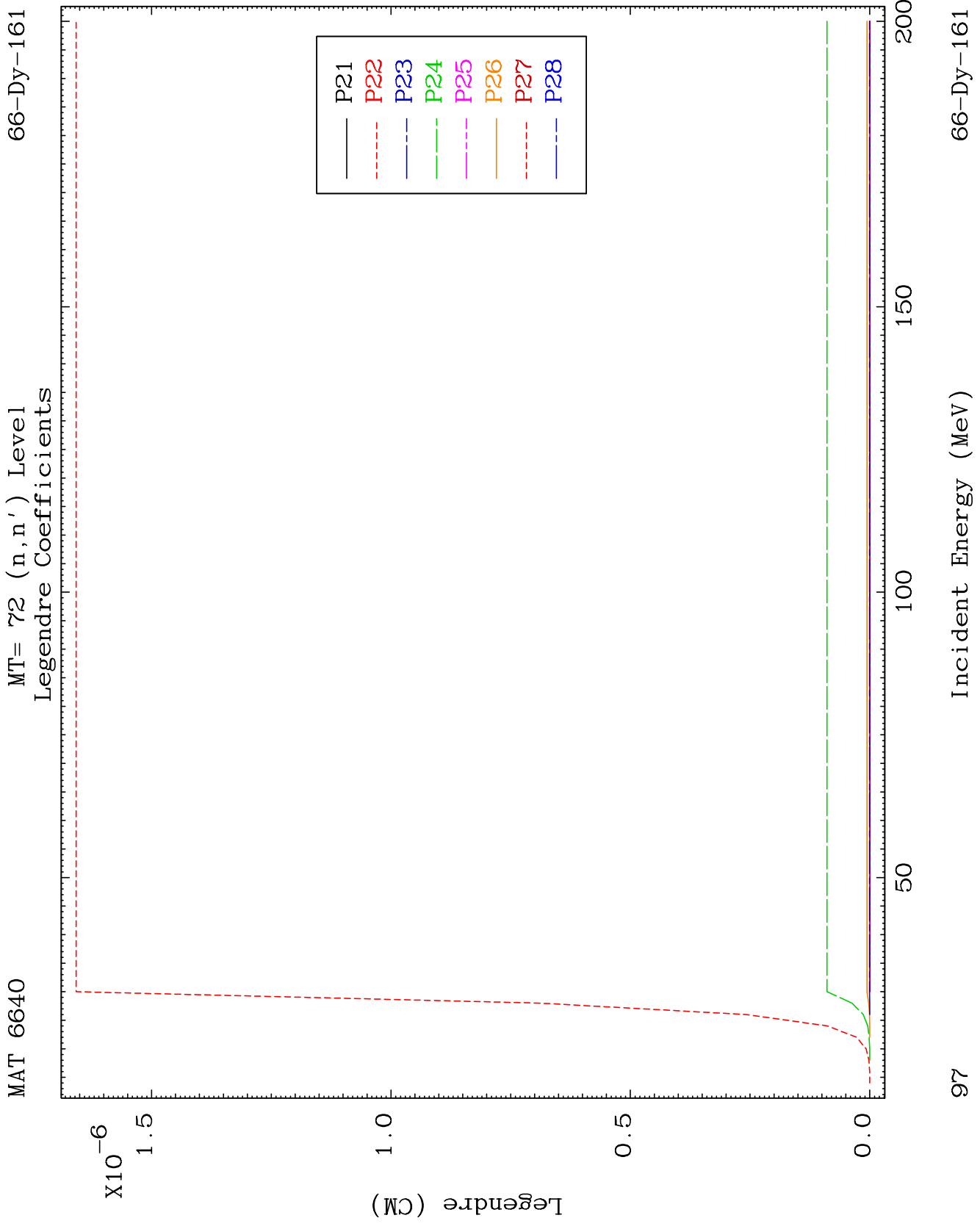


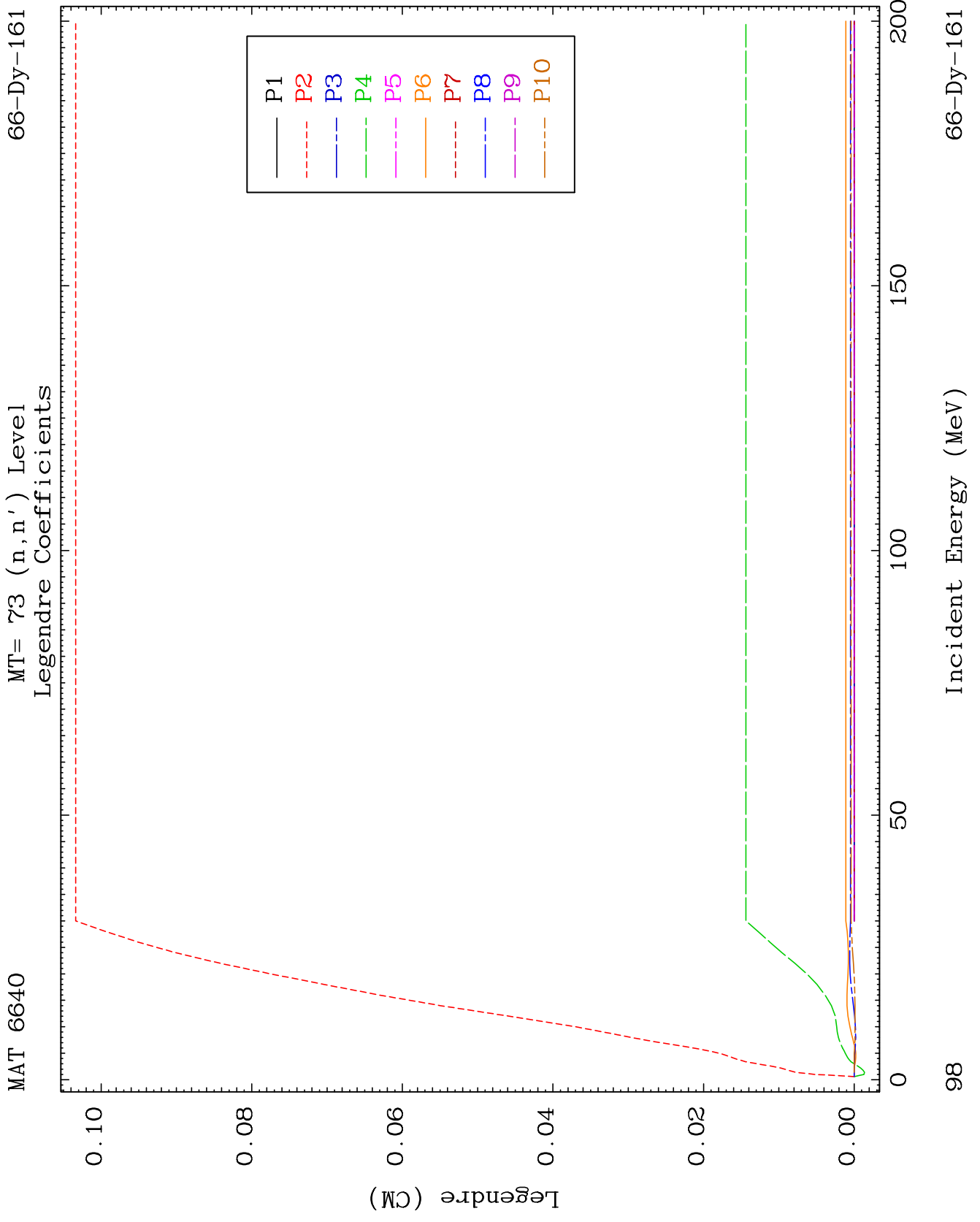








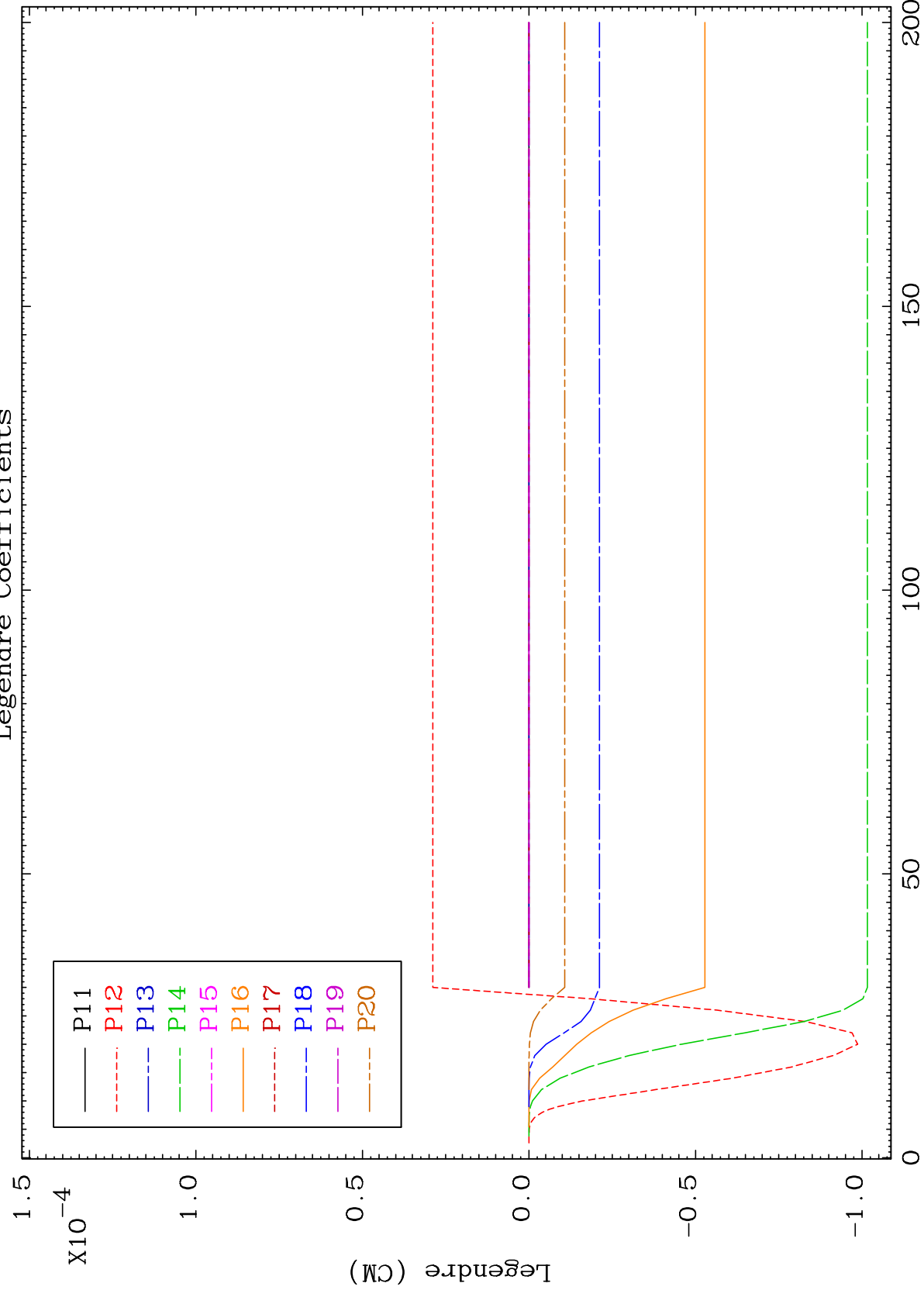




MAT 6640

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

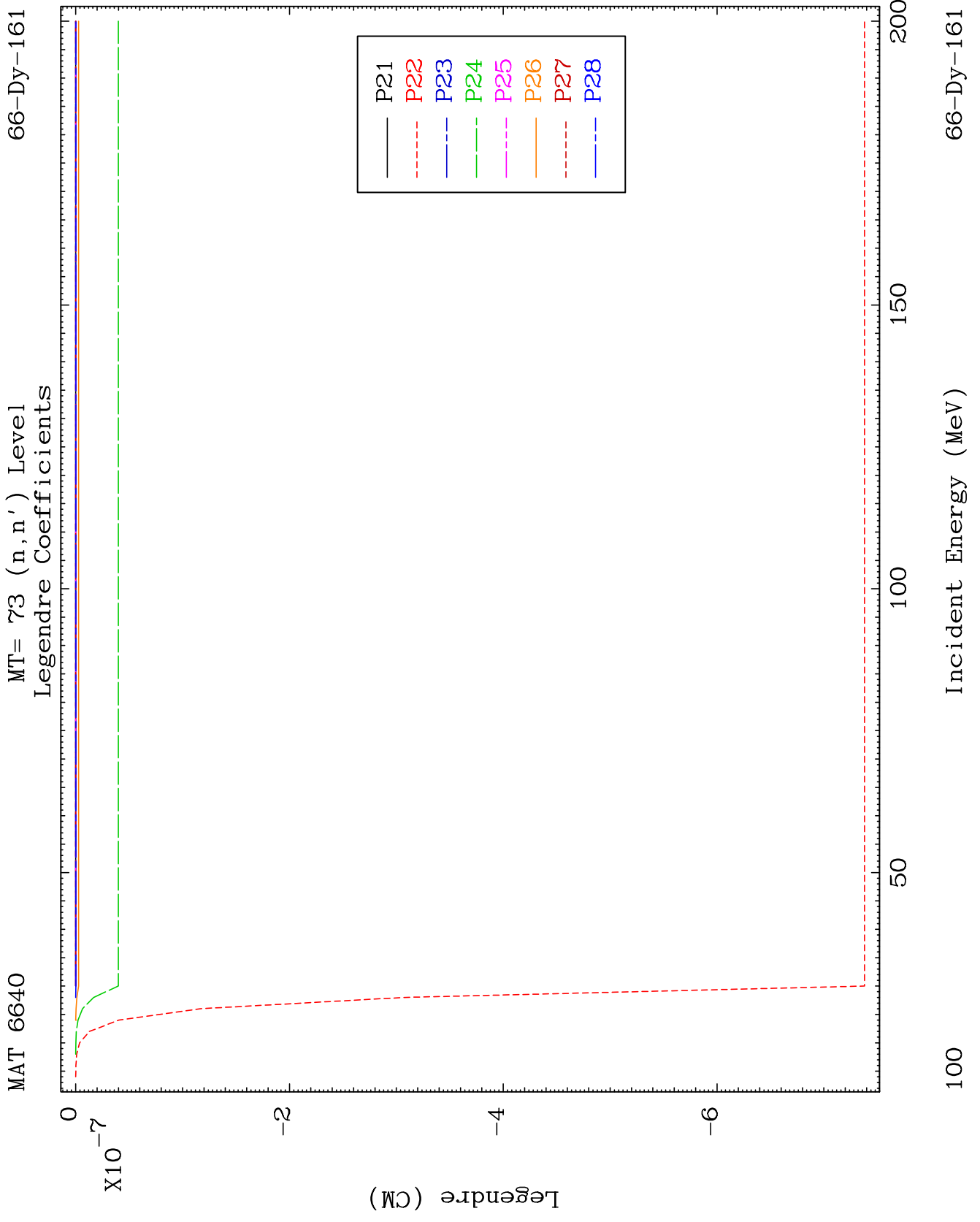
66-Dy-161

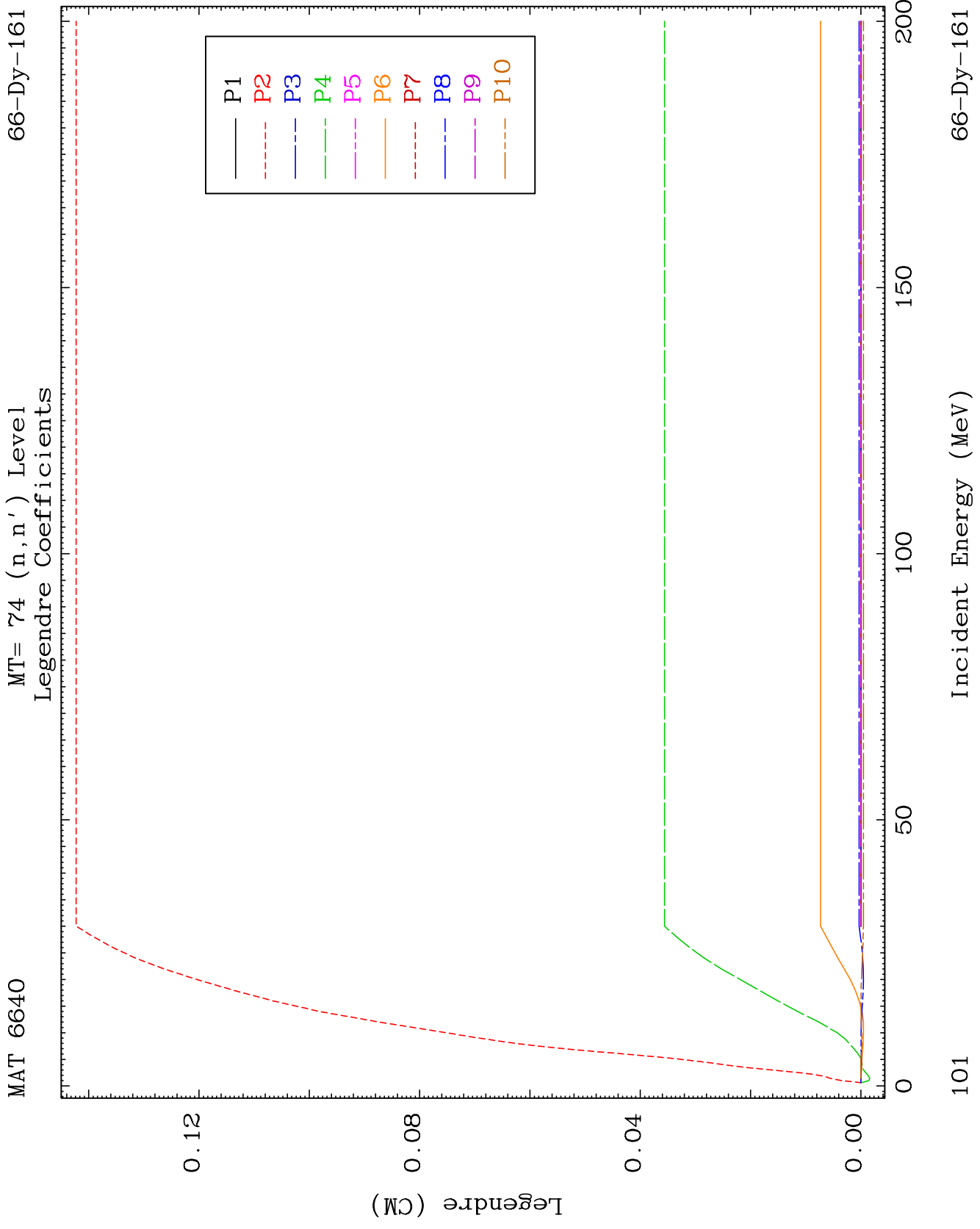


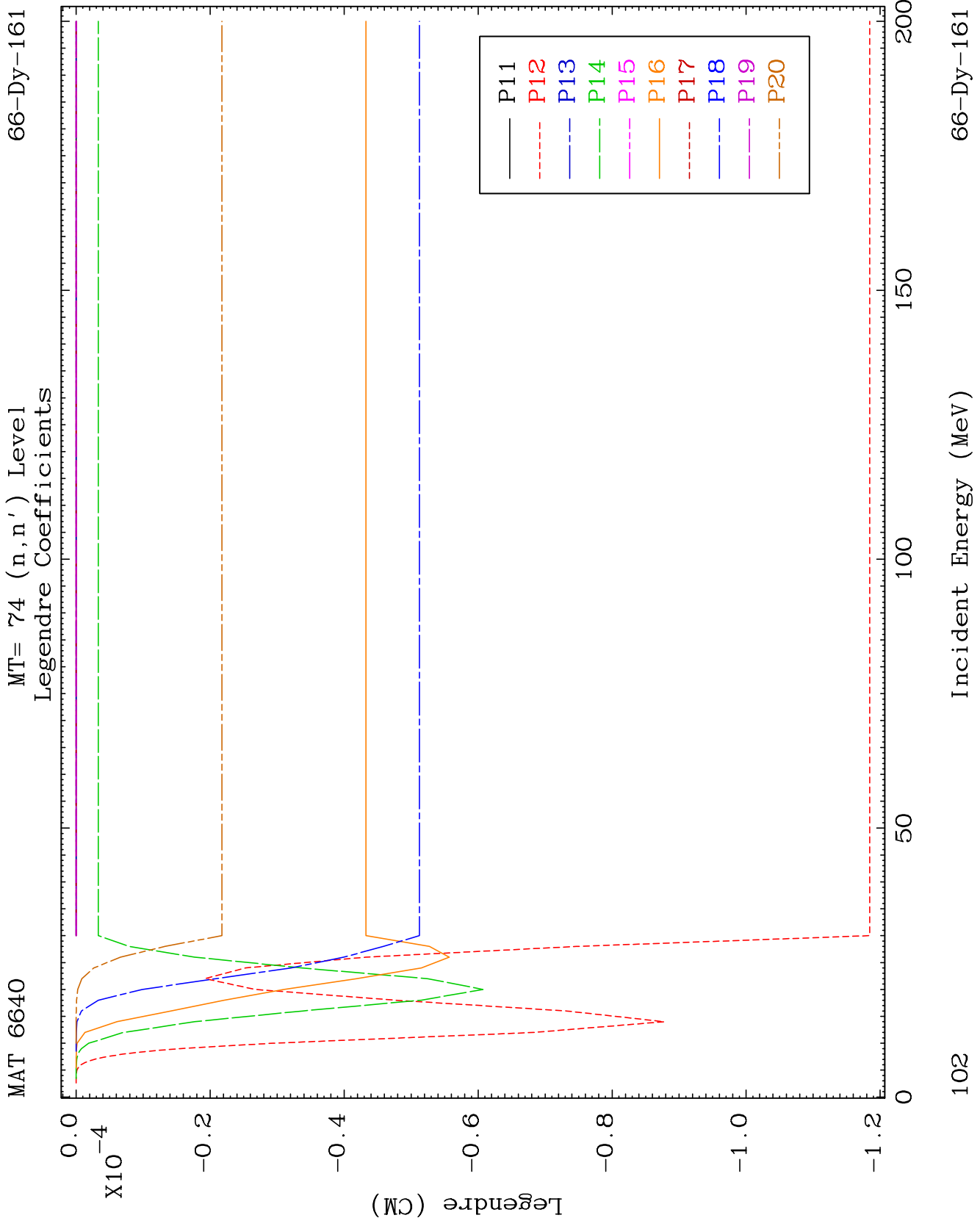
99

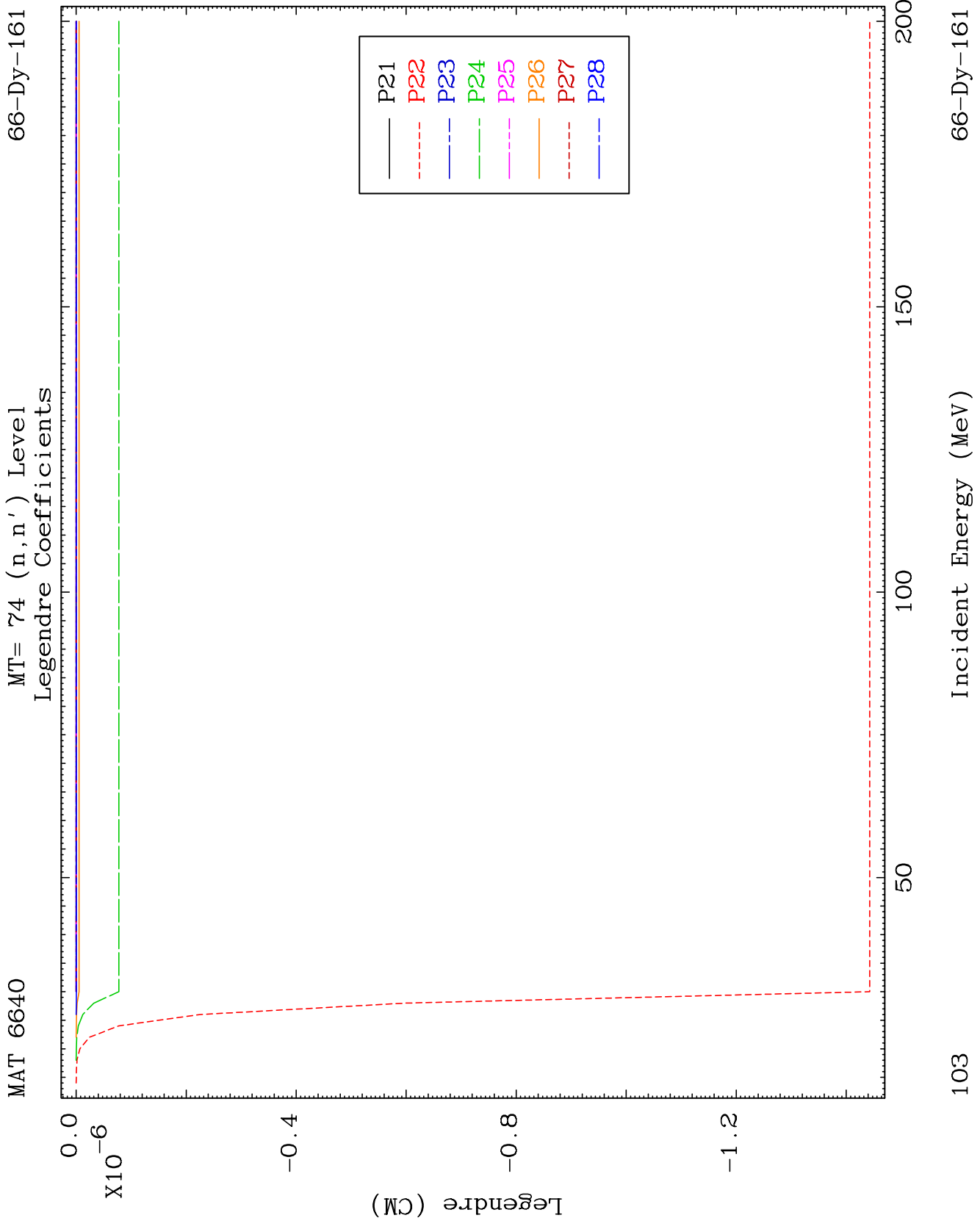
Incident Energy (MeV)

66-Dy-161





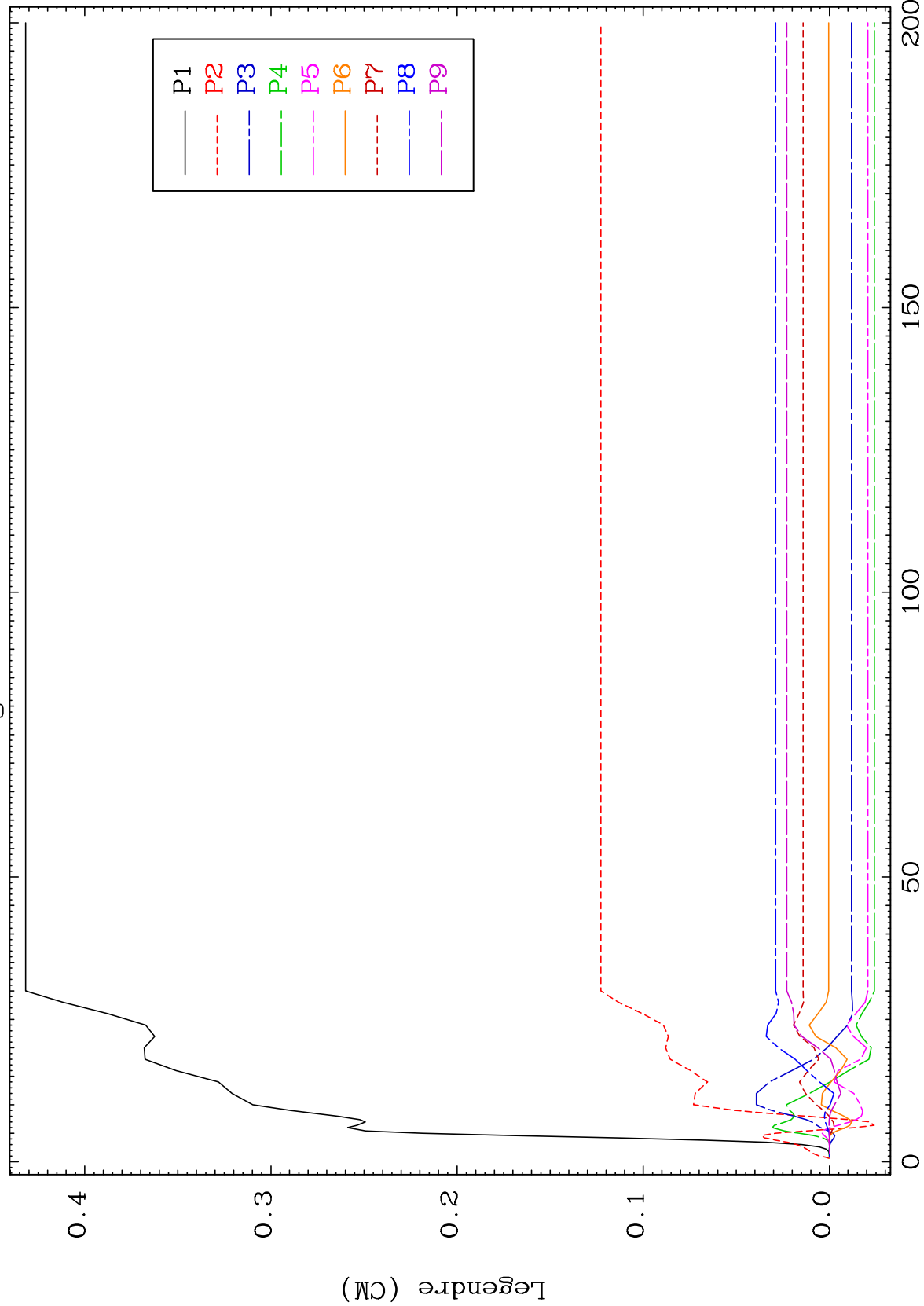




MAT 6640

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

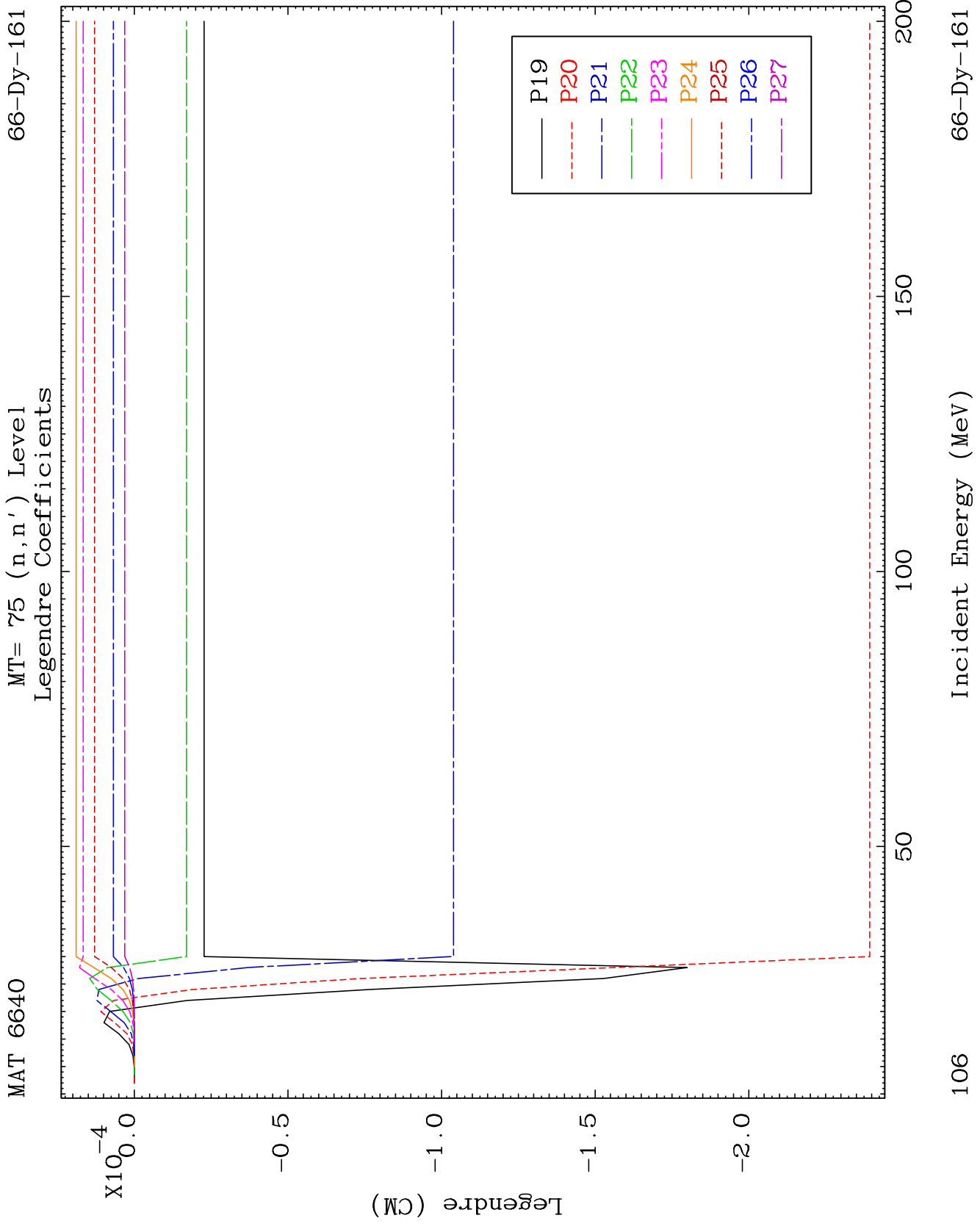
66-Dy-161



66-Dy-161

Incident Energy (MeV)

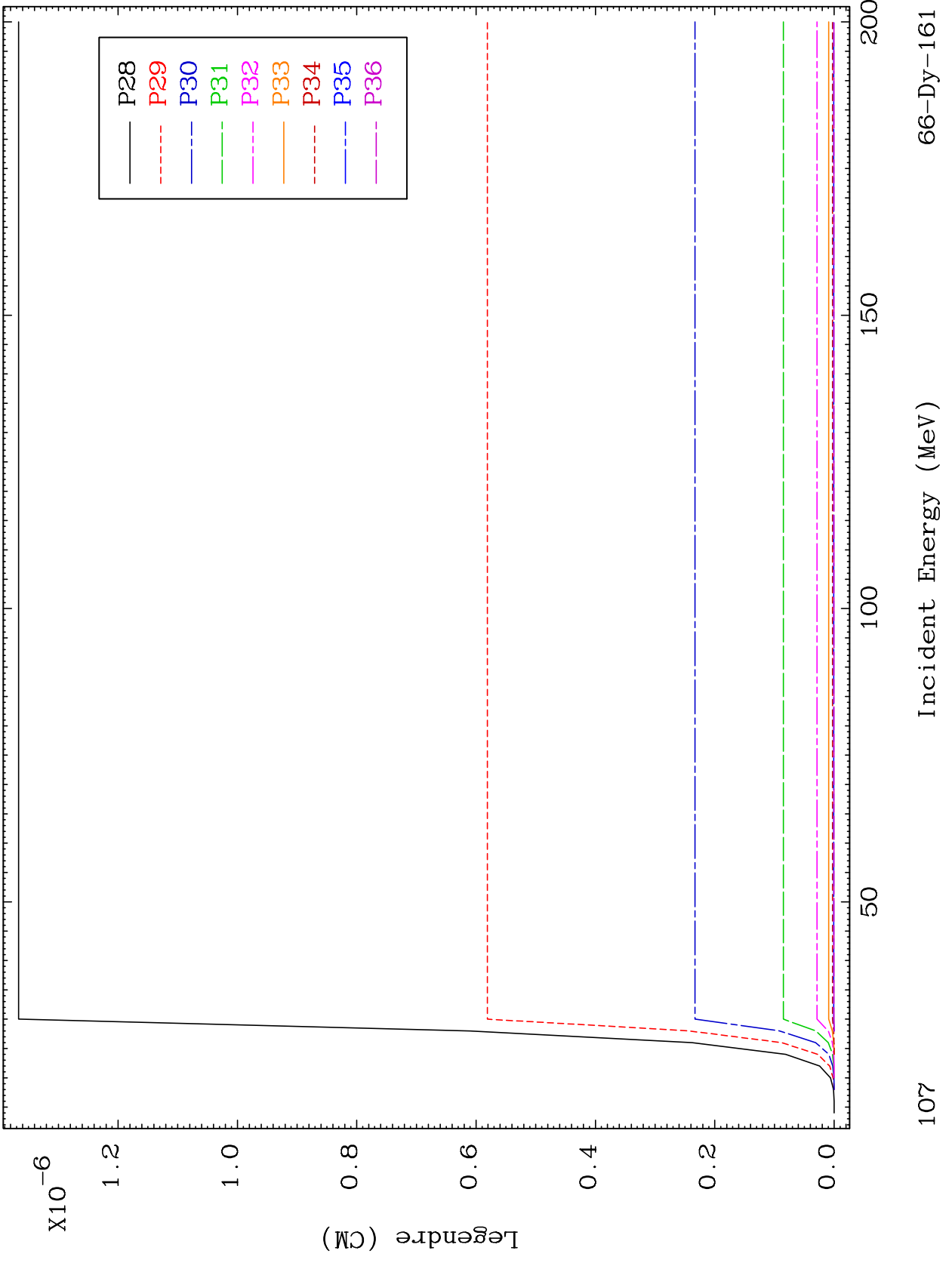
104



MAT 6640

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

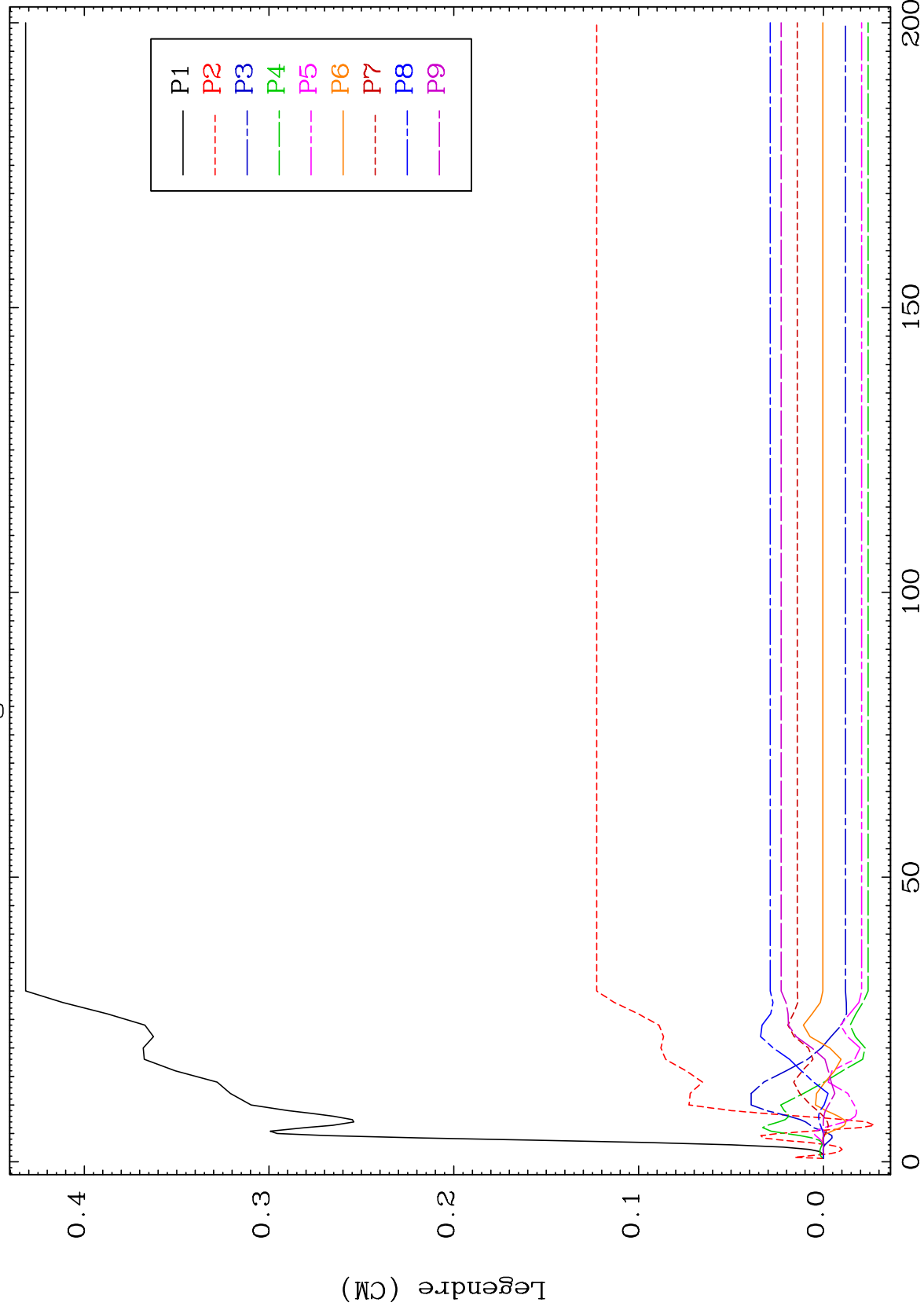
66-Dy-161



MAT 6640

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

66-Dy-161



108

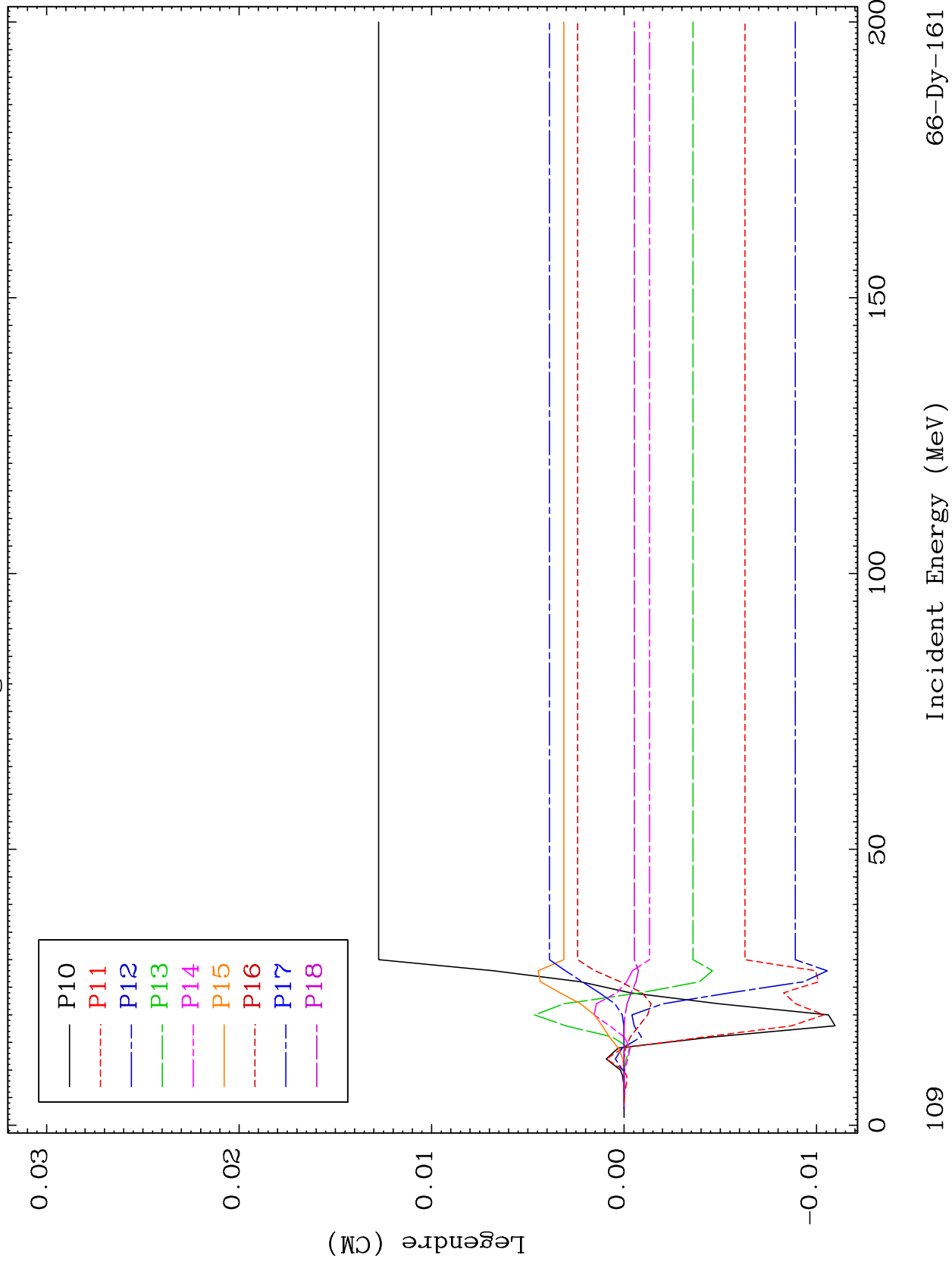
Incident Energy (MeV)

66-Dy-161

MAT 6640

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

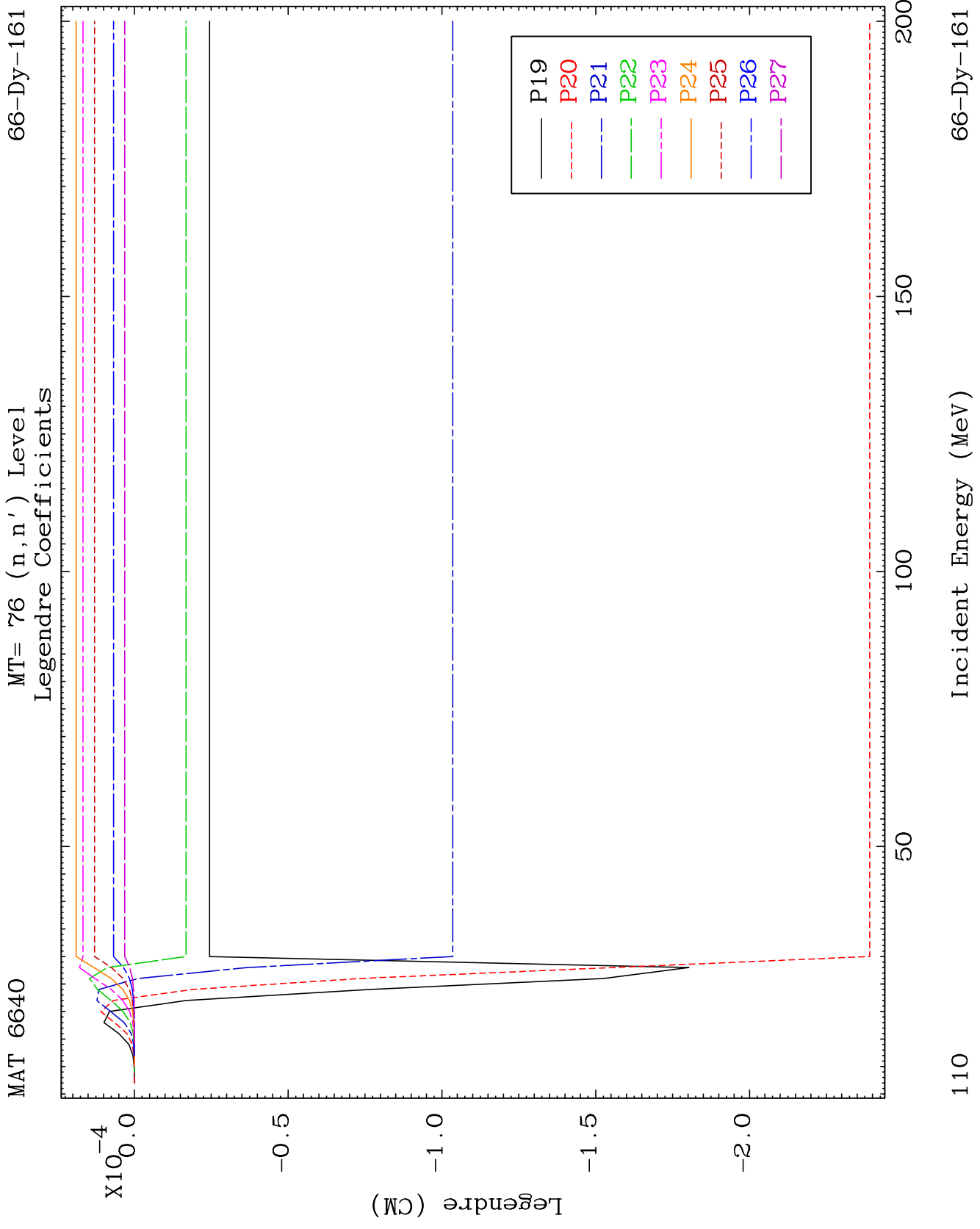
66-Dy-161



109

Incident Energy (MeV)

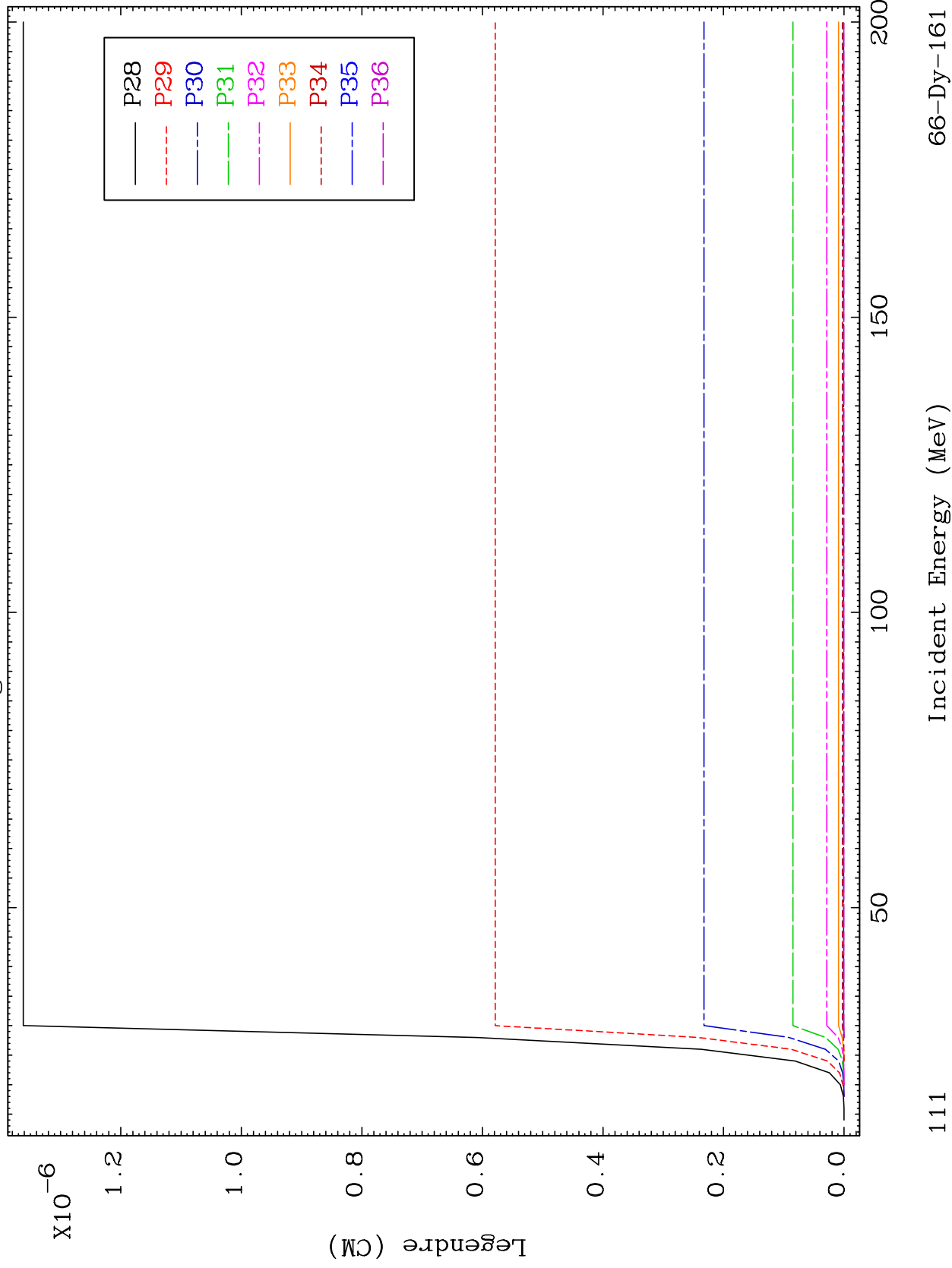
66-Dy-161



MAT 6640

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

66-Dy-161



111

Incident Energy (MeV)

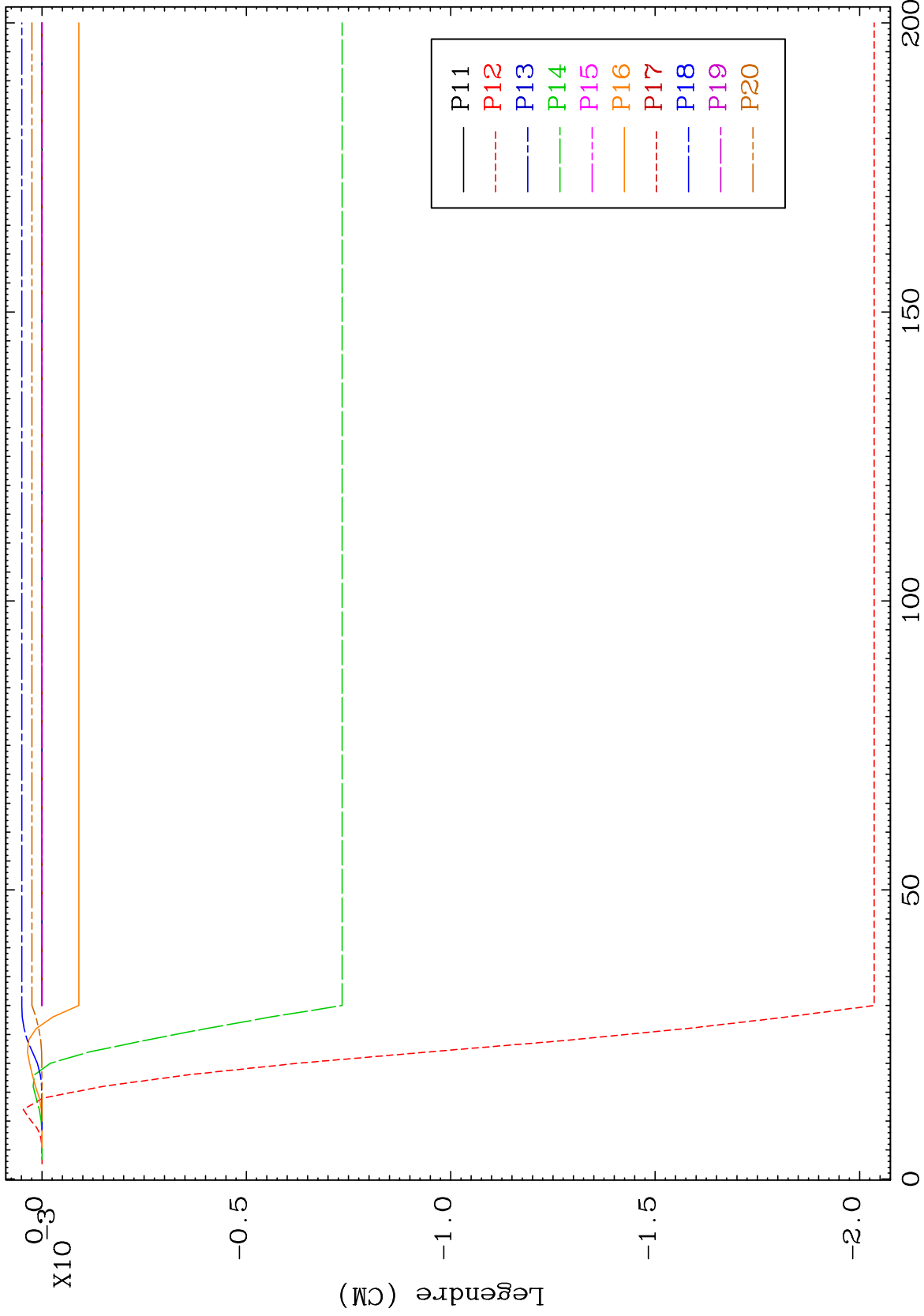
66-Dy-161

MAT 6640

MT= 77 (n,n') Level

66-Dy-161

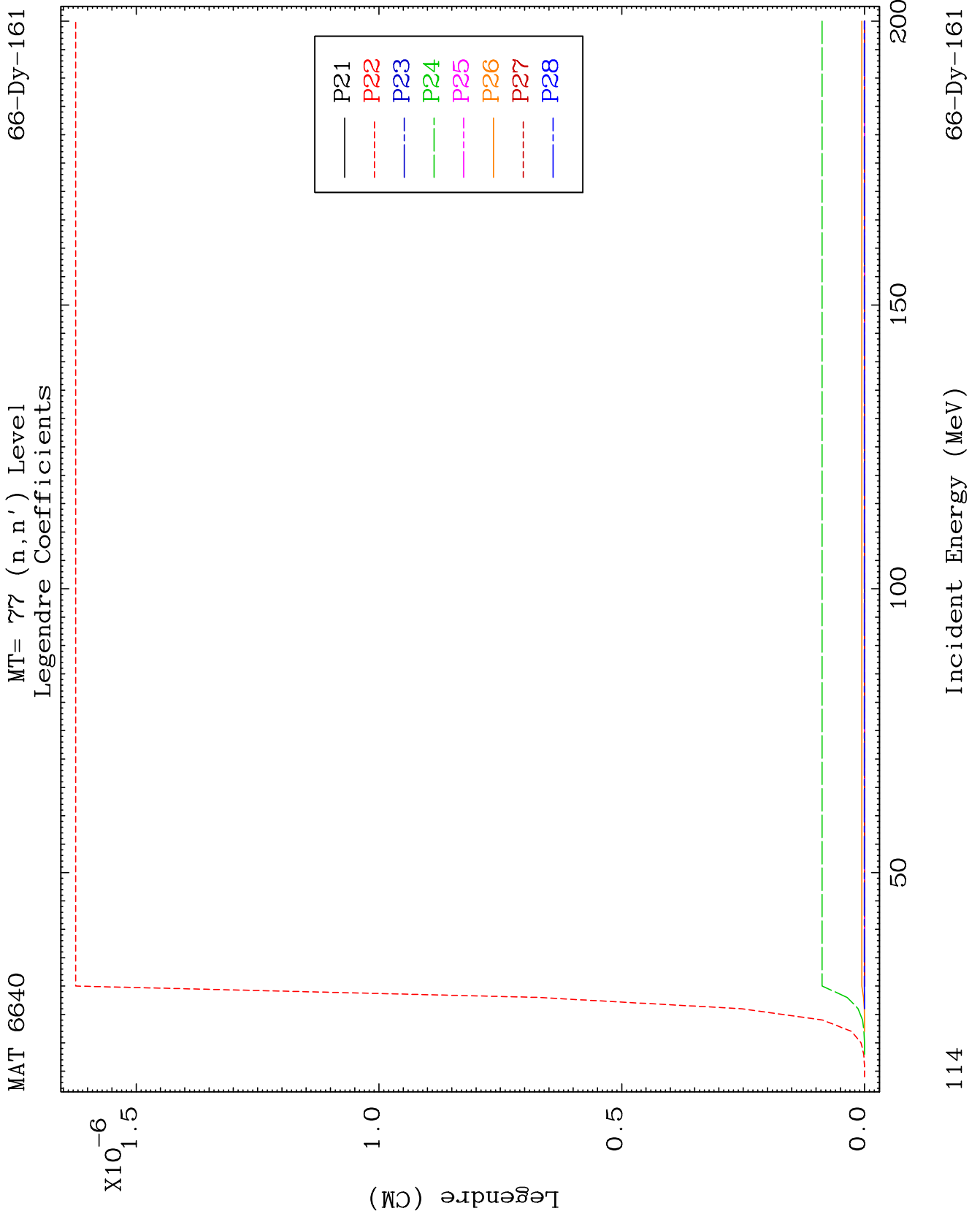
Legendre Coefficients

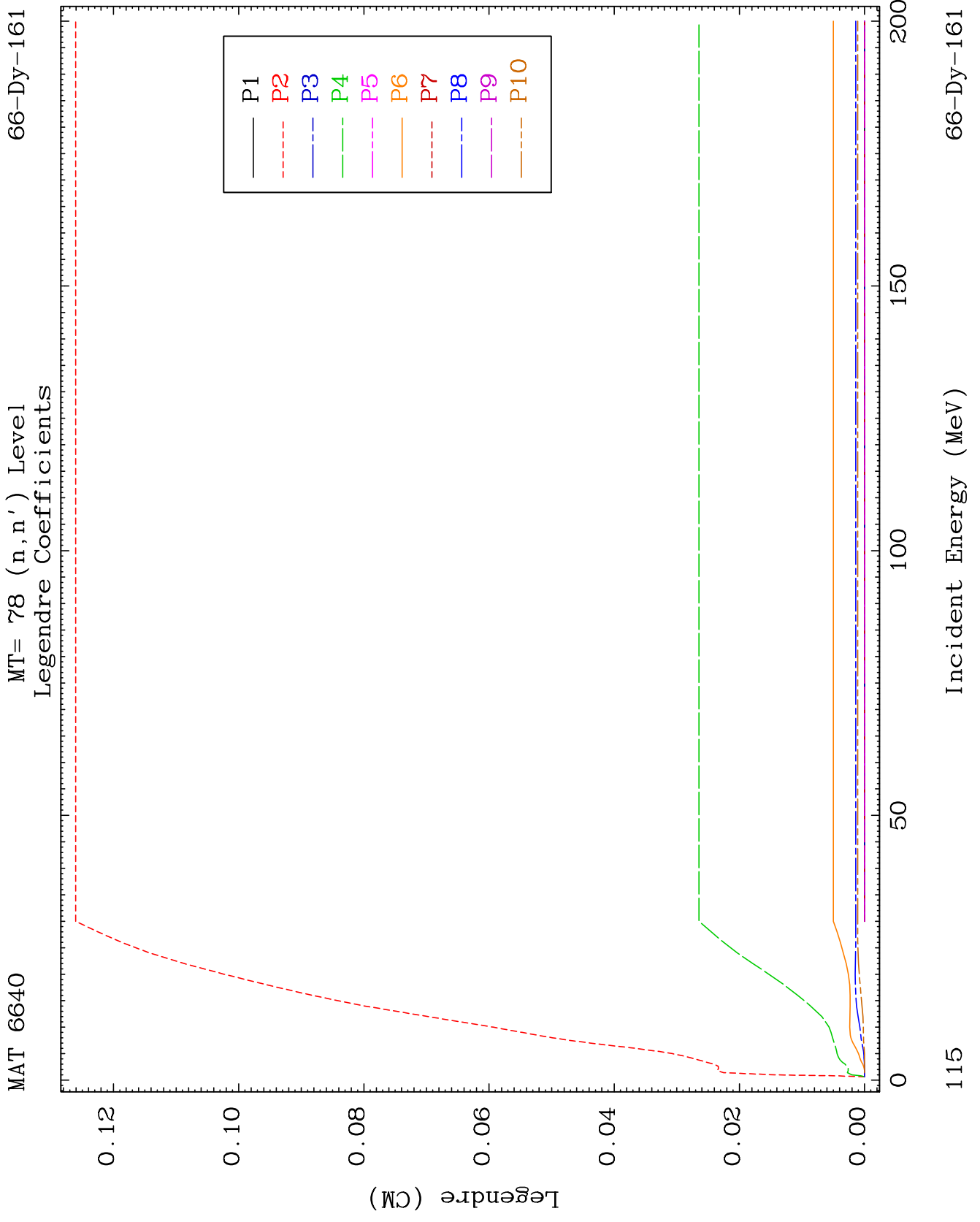


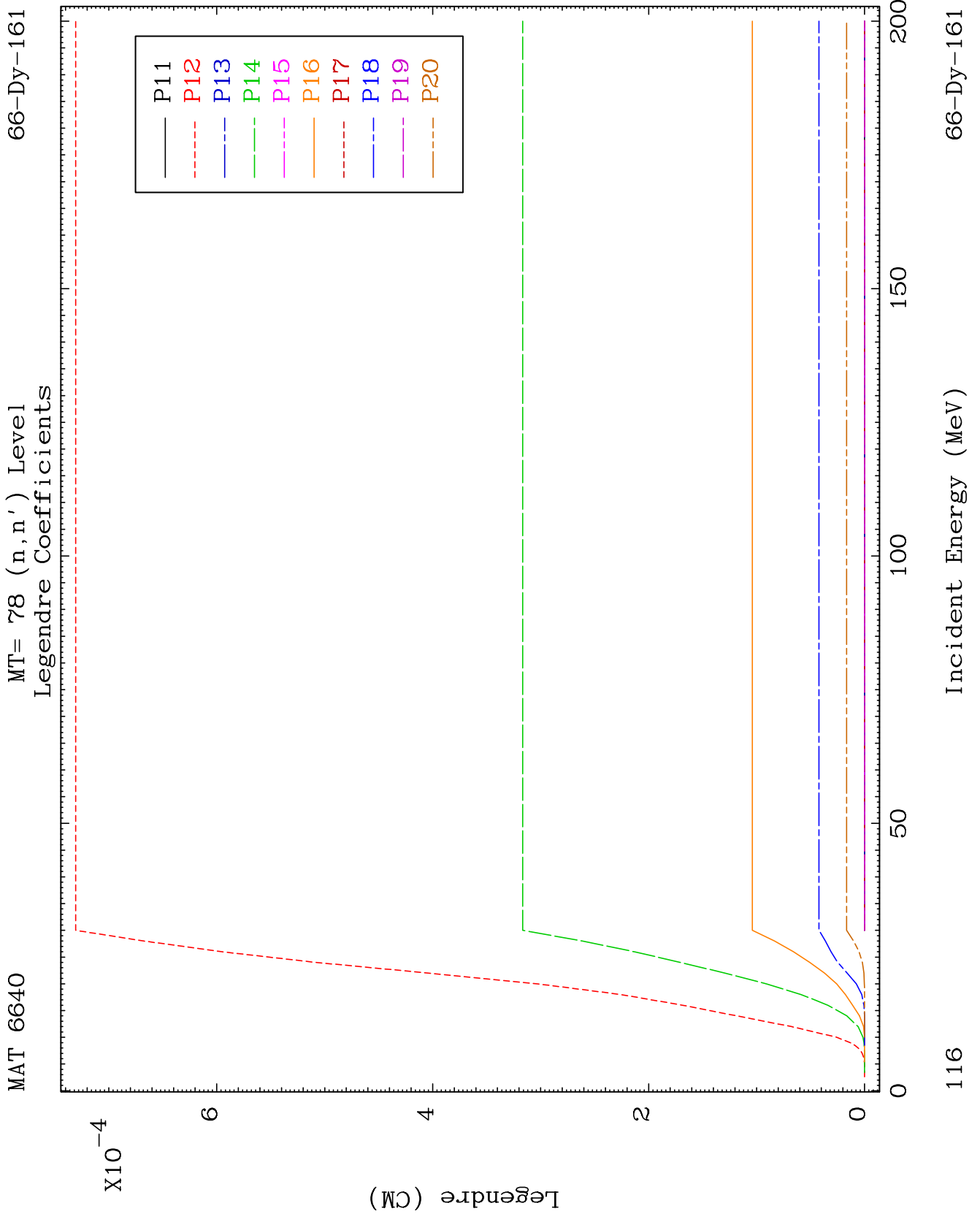
113

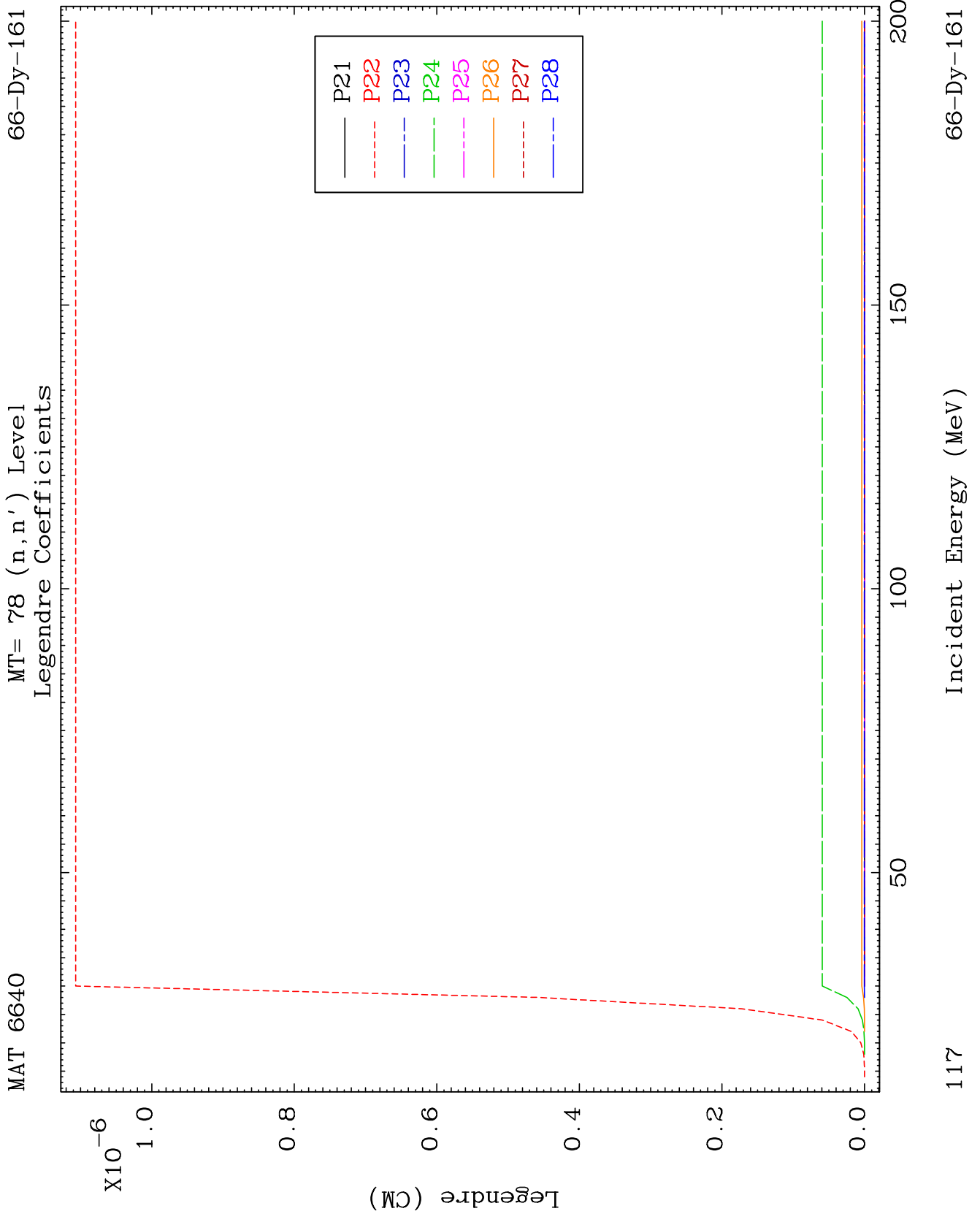
Incident Energy (MeV)

66-Dy-161





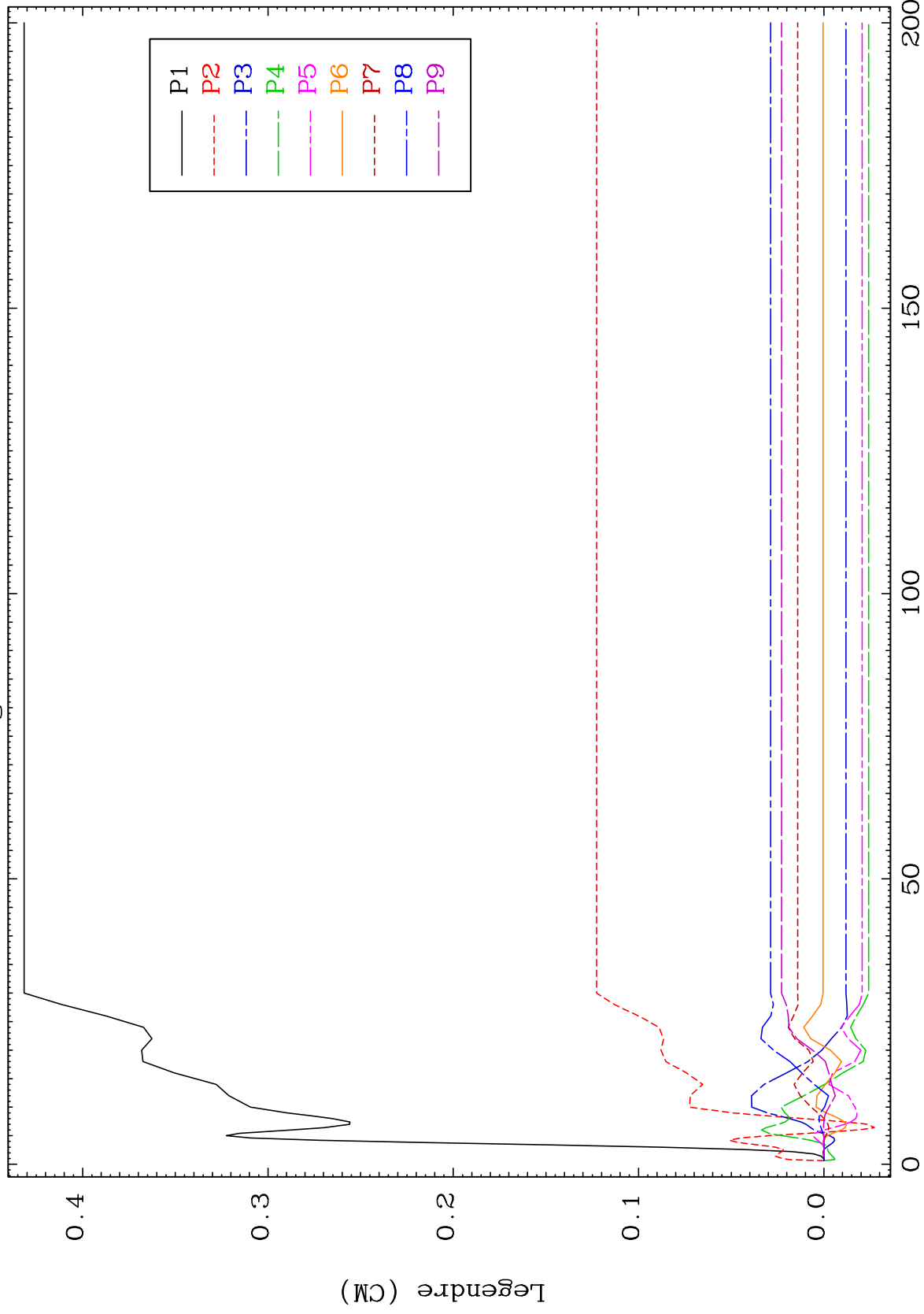




MAT 6640

MT= 79 (n,n') Level
Legendre Coefficients

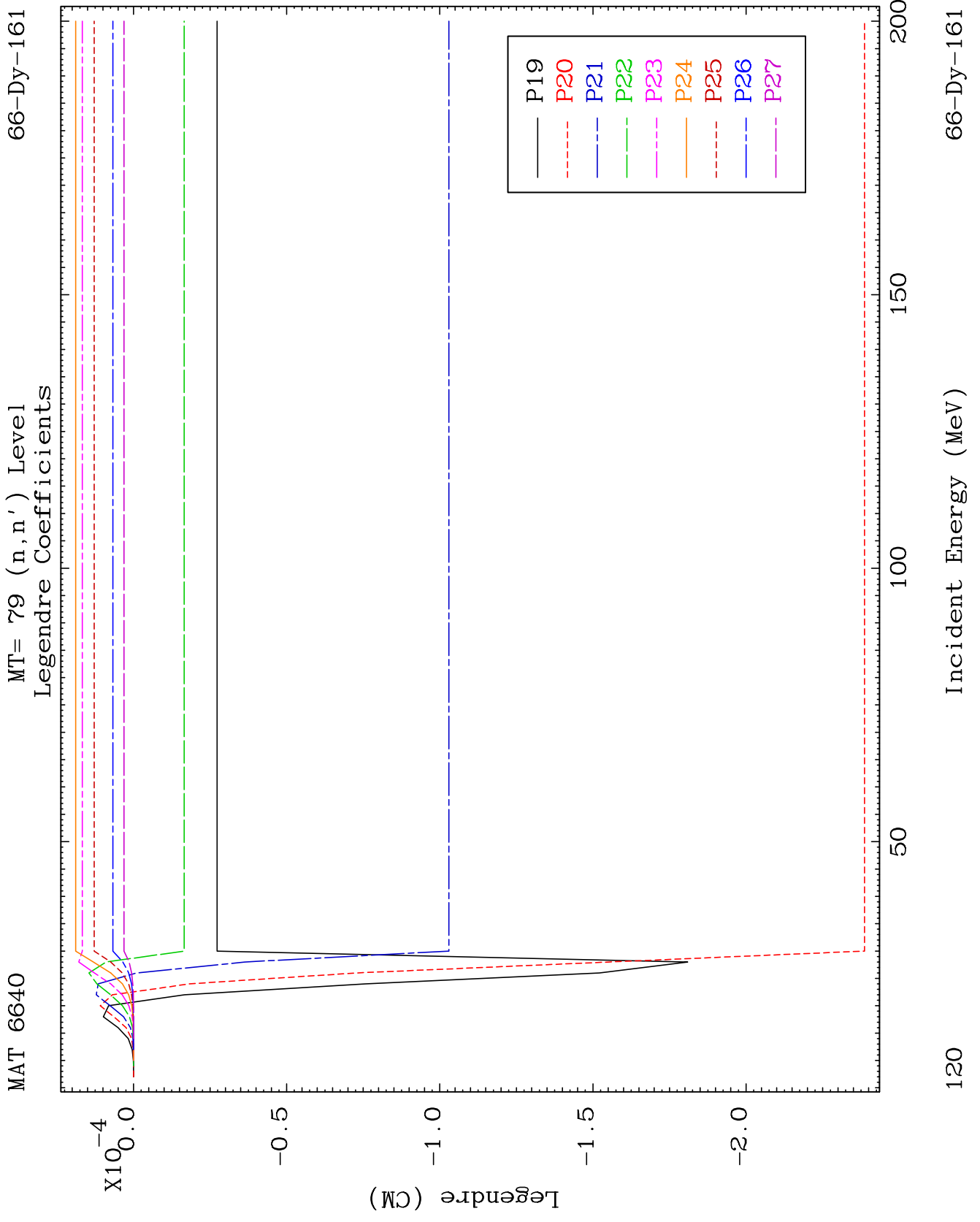
66-Dy-161

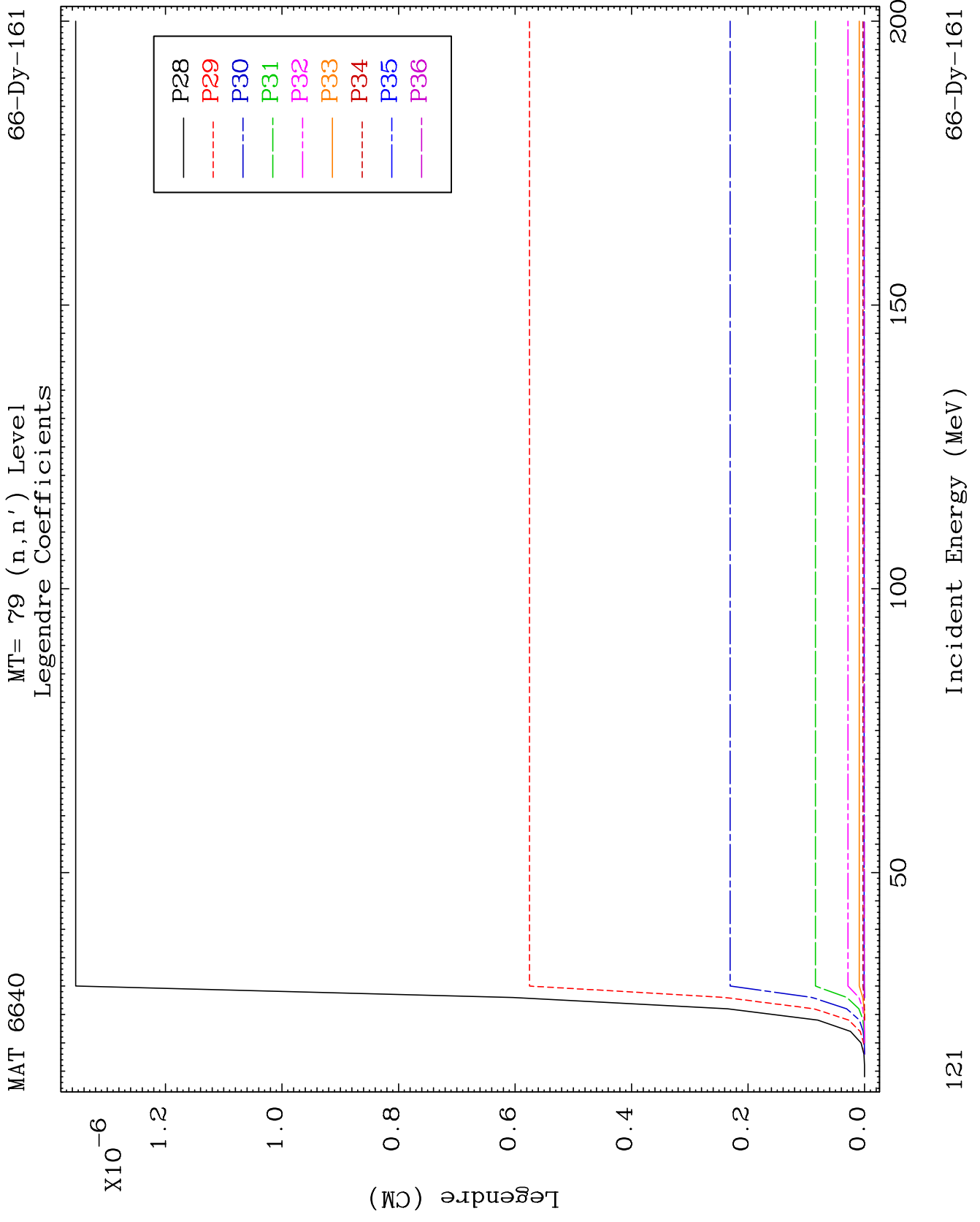


118

Incident Energy (MeV)

66-Dy-161

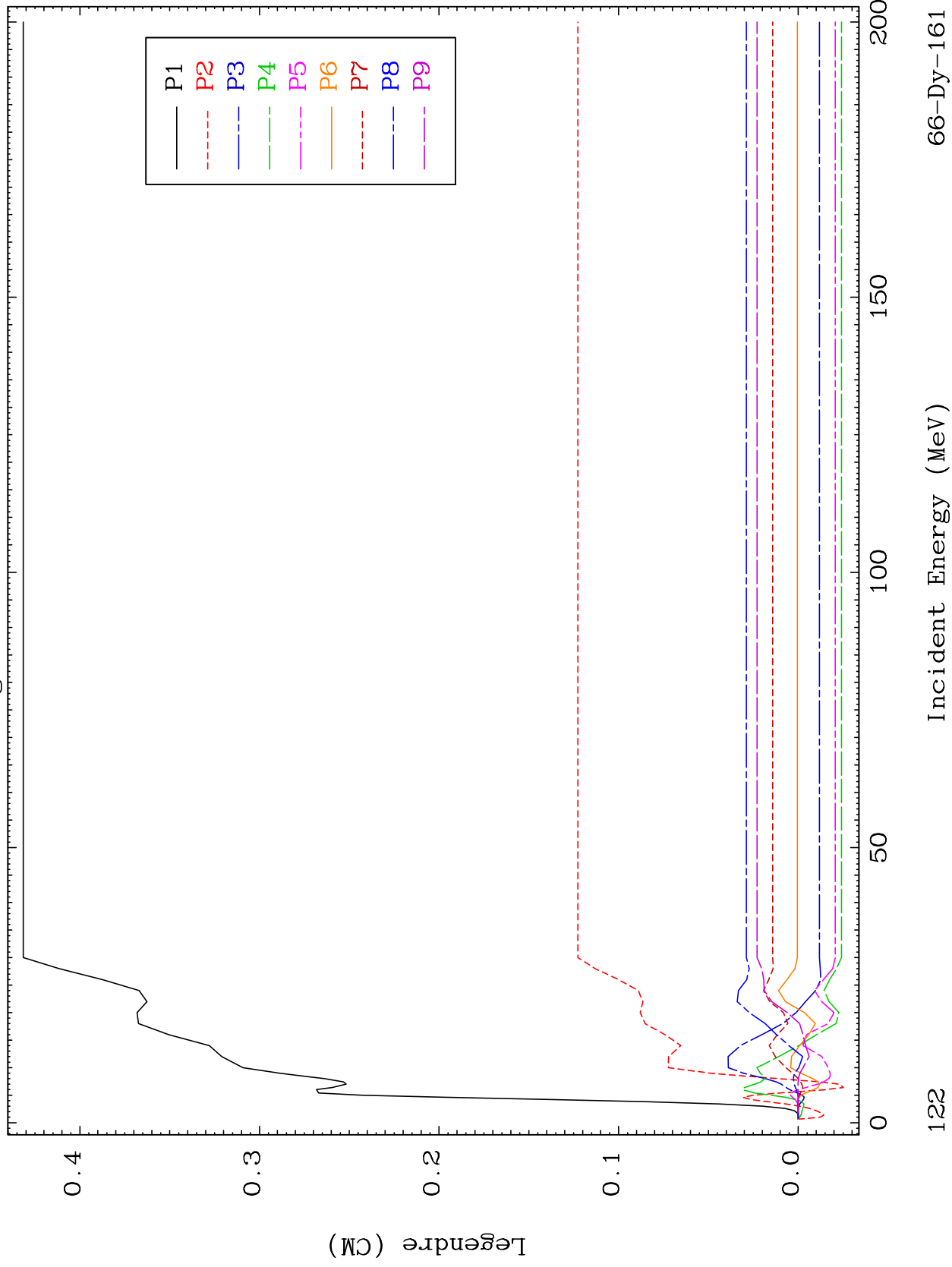




MAT 6640

MT= 80 (n,n') Level
Legendre Coefficients

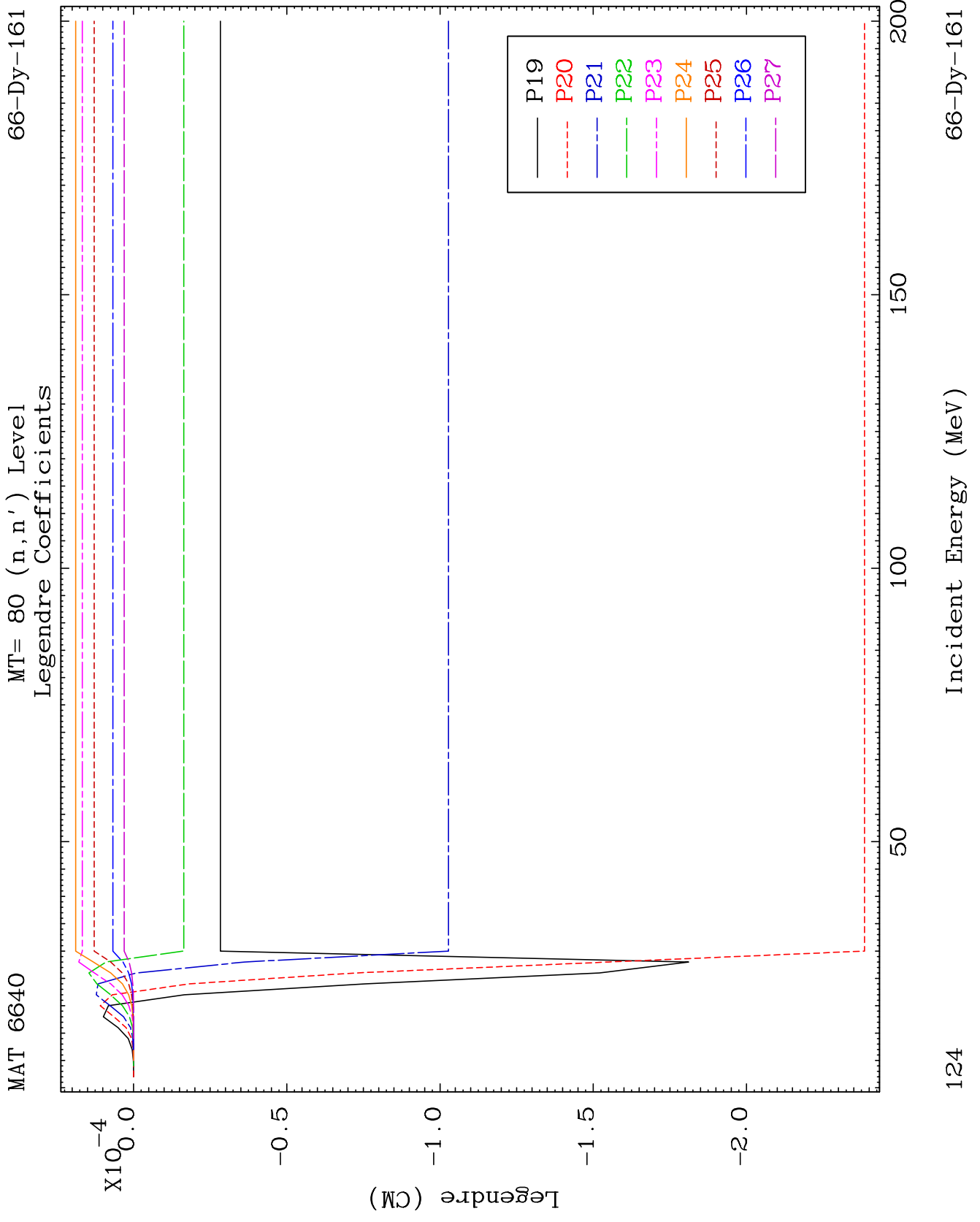
66-Dy-161



66-Dy-161

Incident Energy (MeV)

122

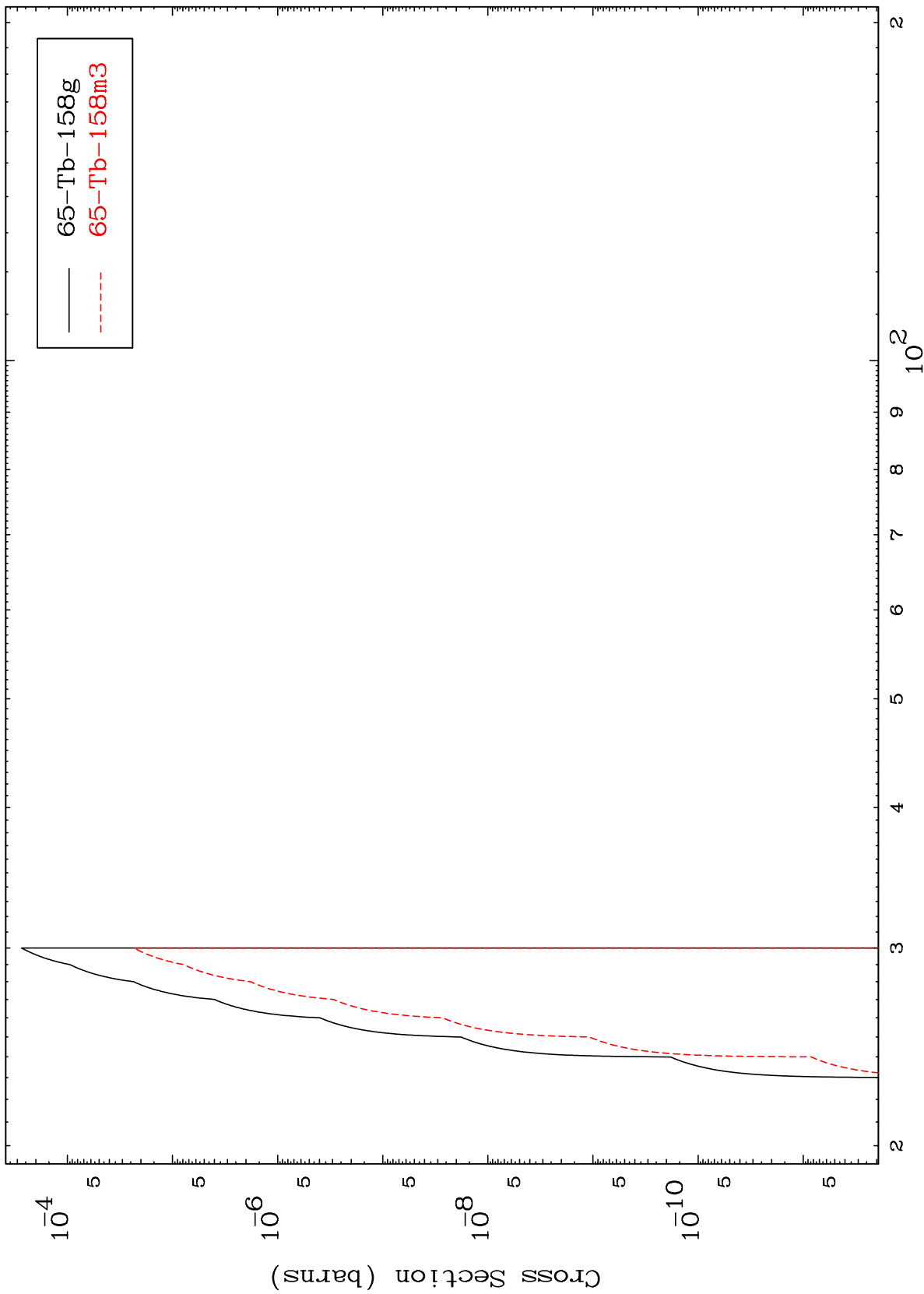


MAT 6640

(n,2n) d

66-Dy-161

Radionuclide Production Cross Section



126

Incident Energy (MeV)

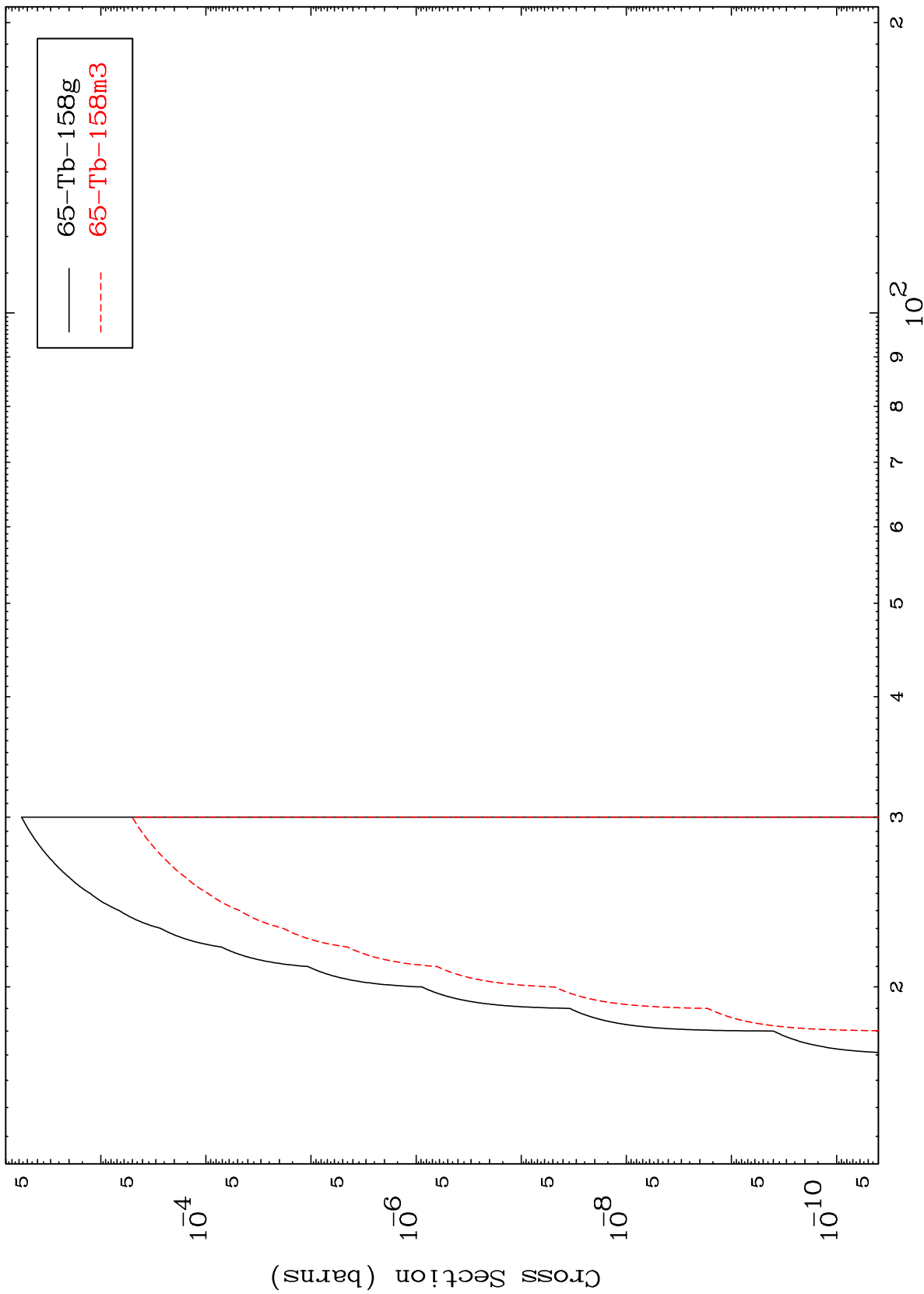
66-Dy-161

MAT 6640

(n,n') t

66-Dy-161

Radionuclide Production Cross Section



127

Incident Energy (MeV)

66-Dy-161

Radionuclide Production Cross Section

