

Program EVALPLOT  
(Version 2017-1)

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

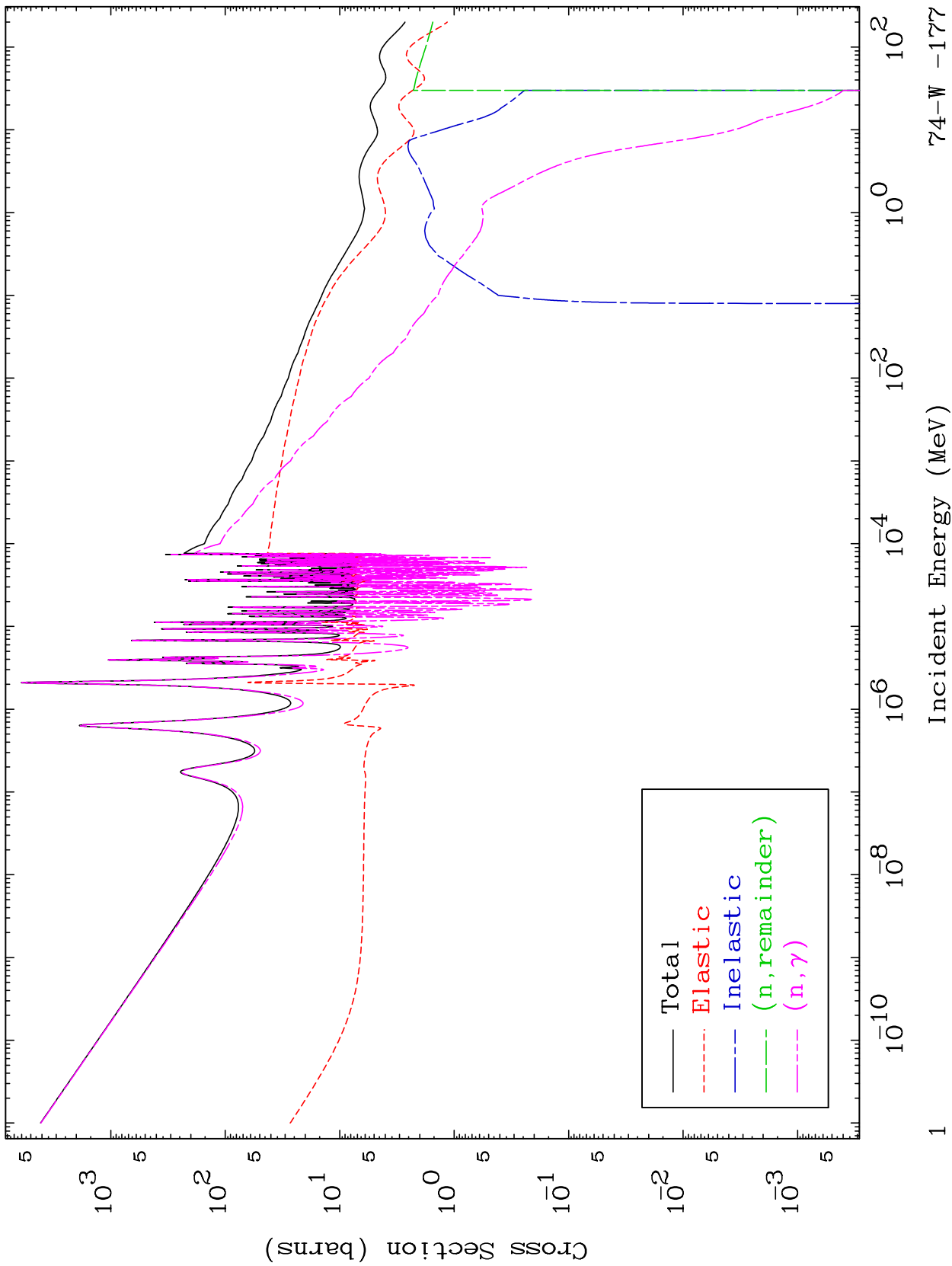
Press Mouse Button to Start

MAT 7416

Major

293 Kelvin Cross Sections

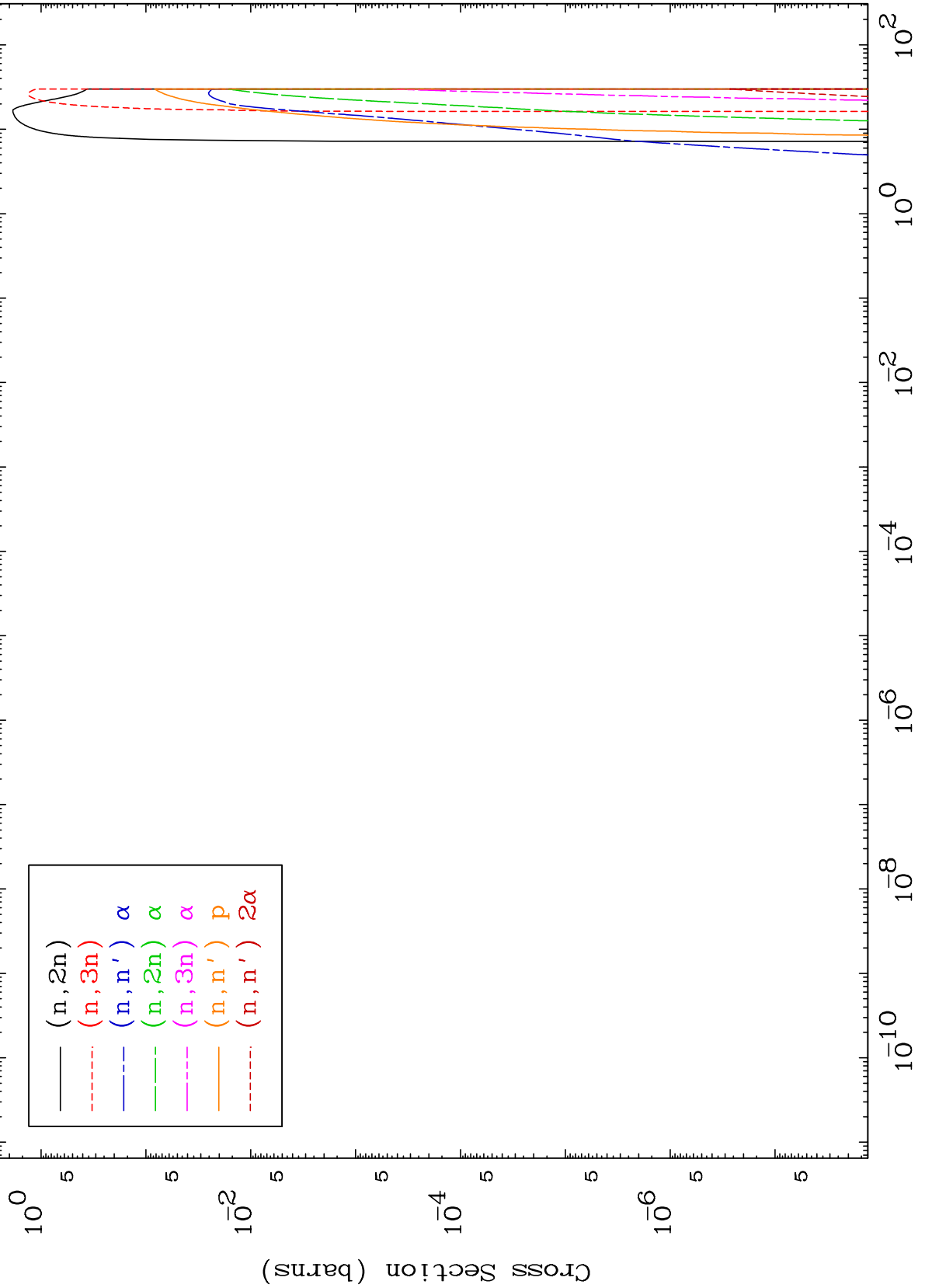
74-W -177



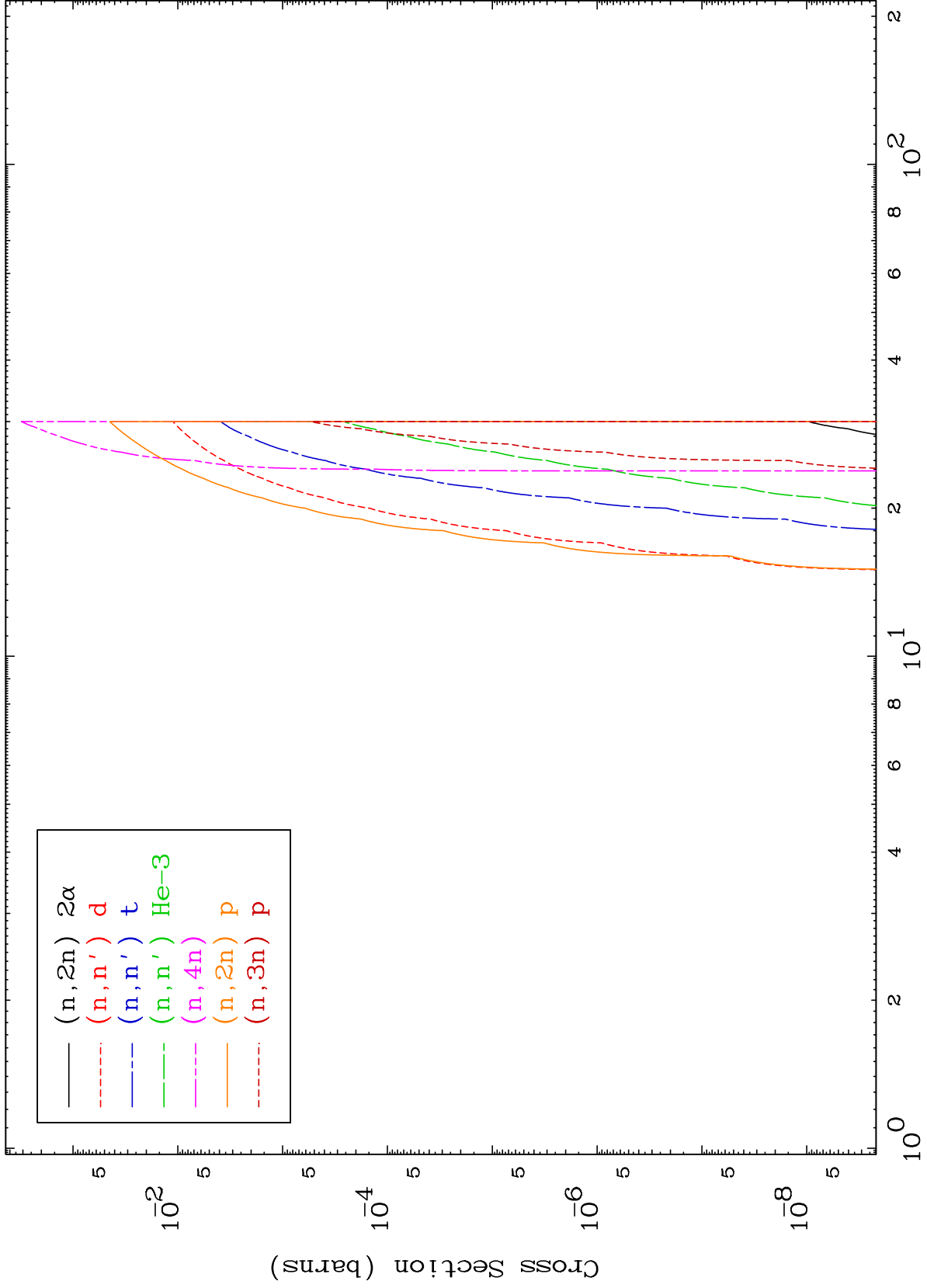
MAT 7416

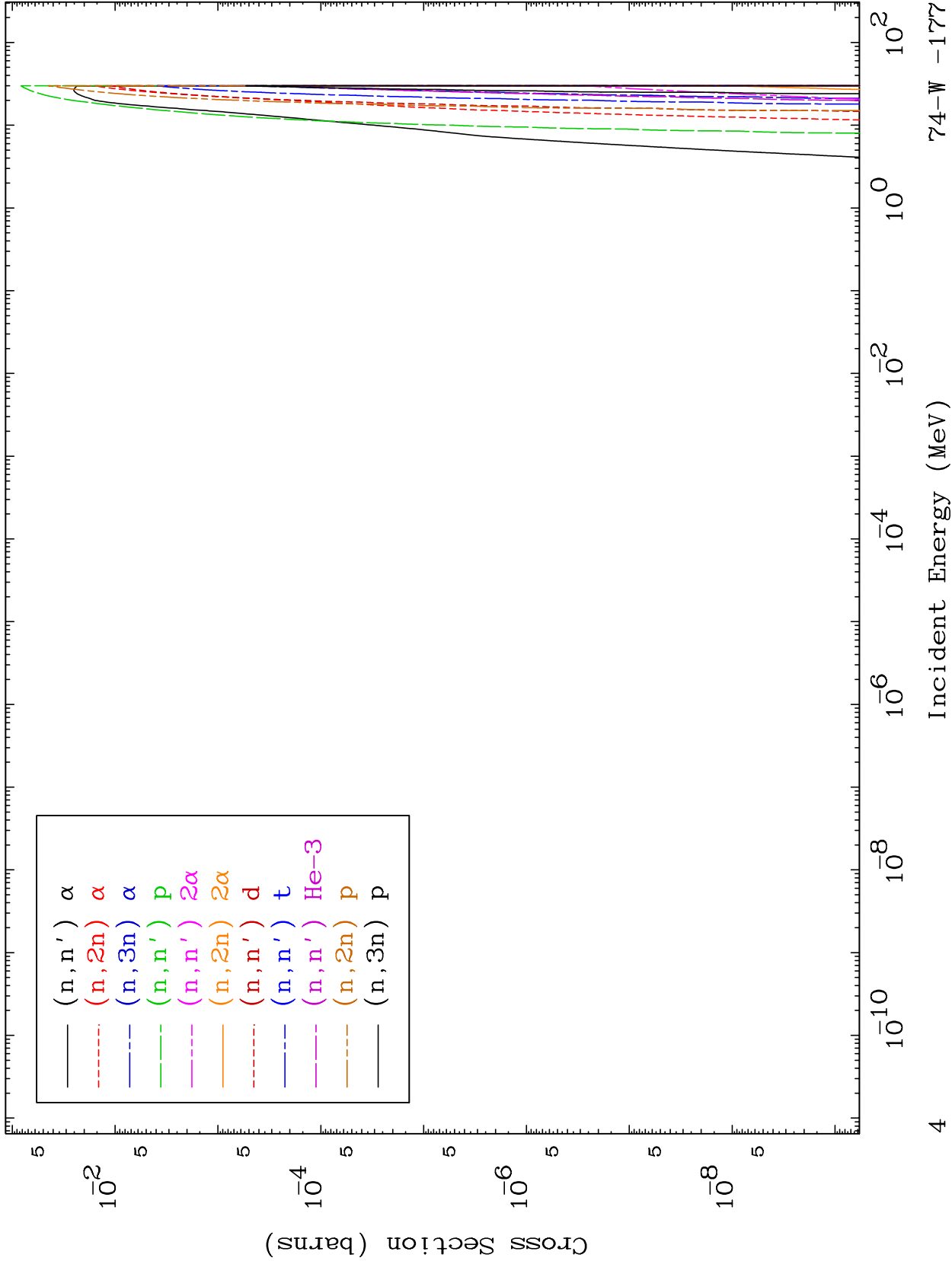
Neutron Production  
293 Kelvin Cross Sections

74-W -177



74-W -177

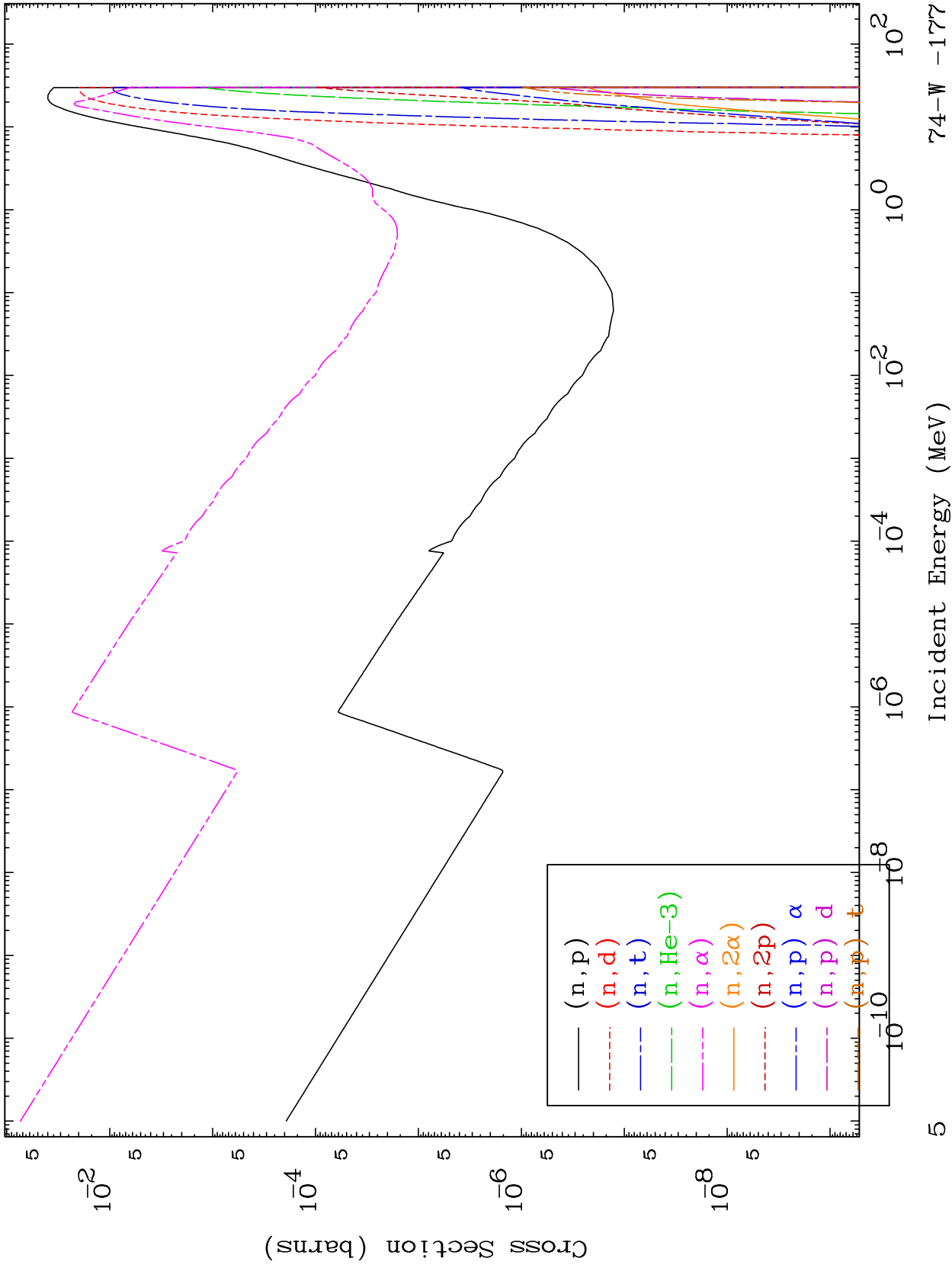


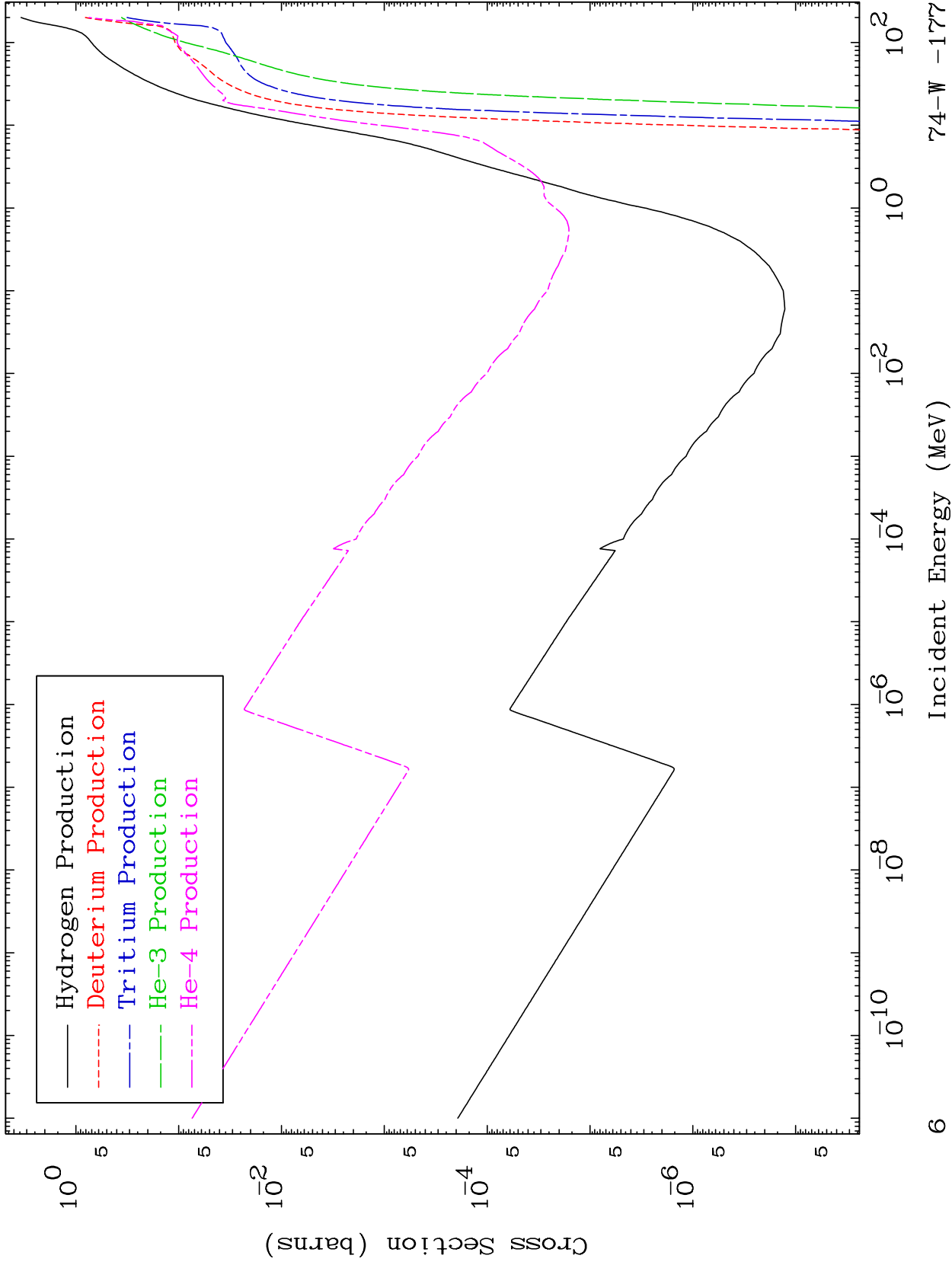


MAT 7416

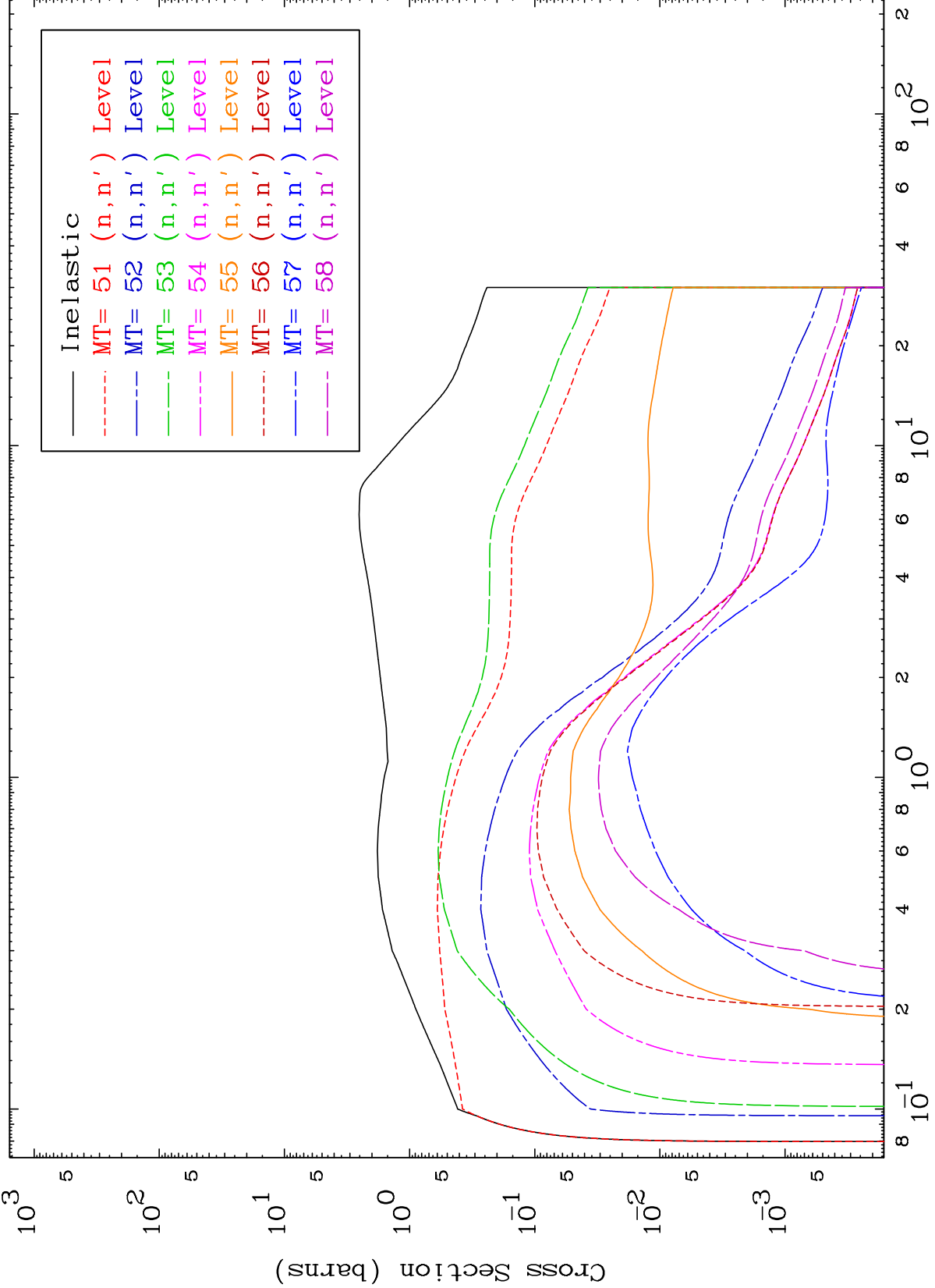
Charged Particle  
293 Kelvin Cross Sections

74-W -177

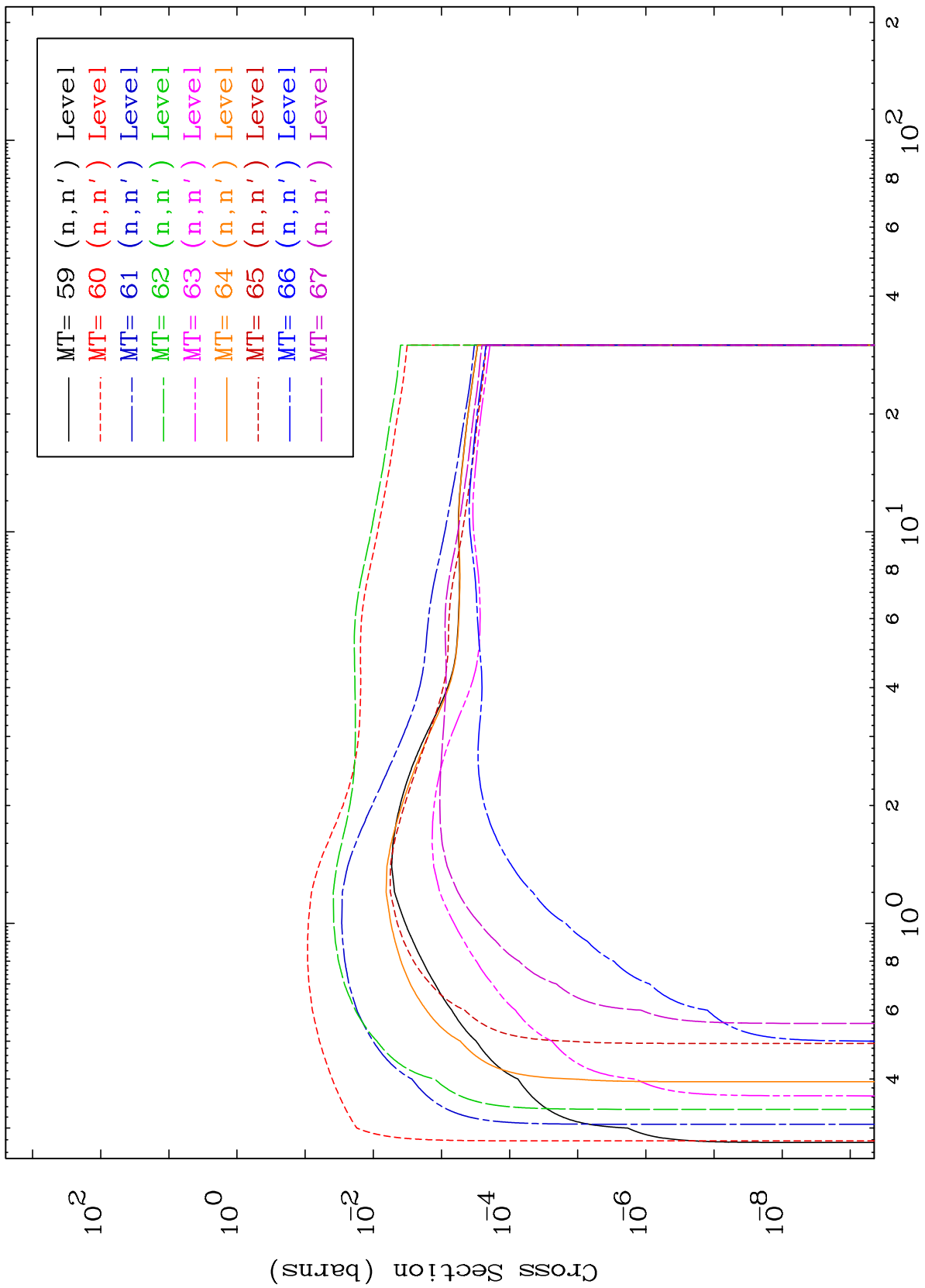




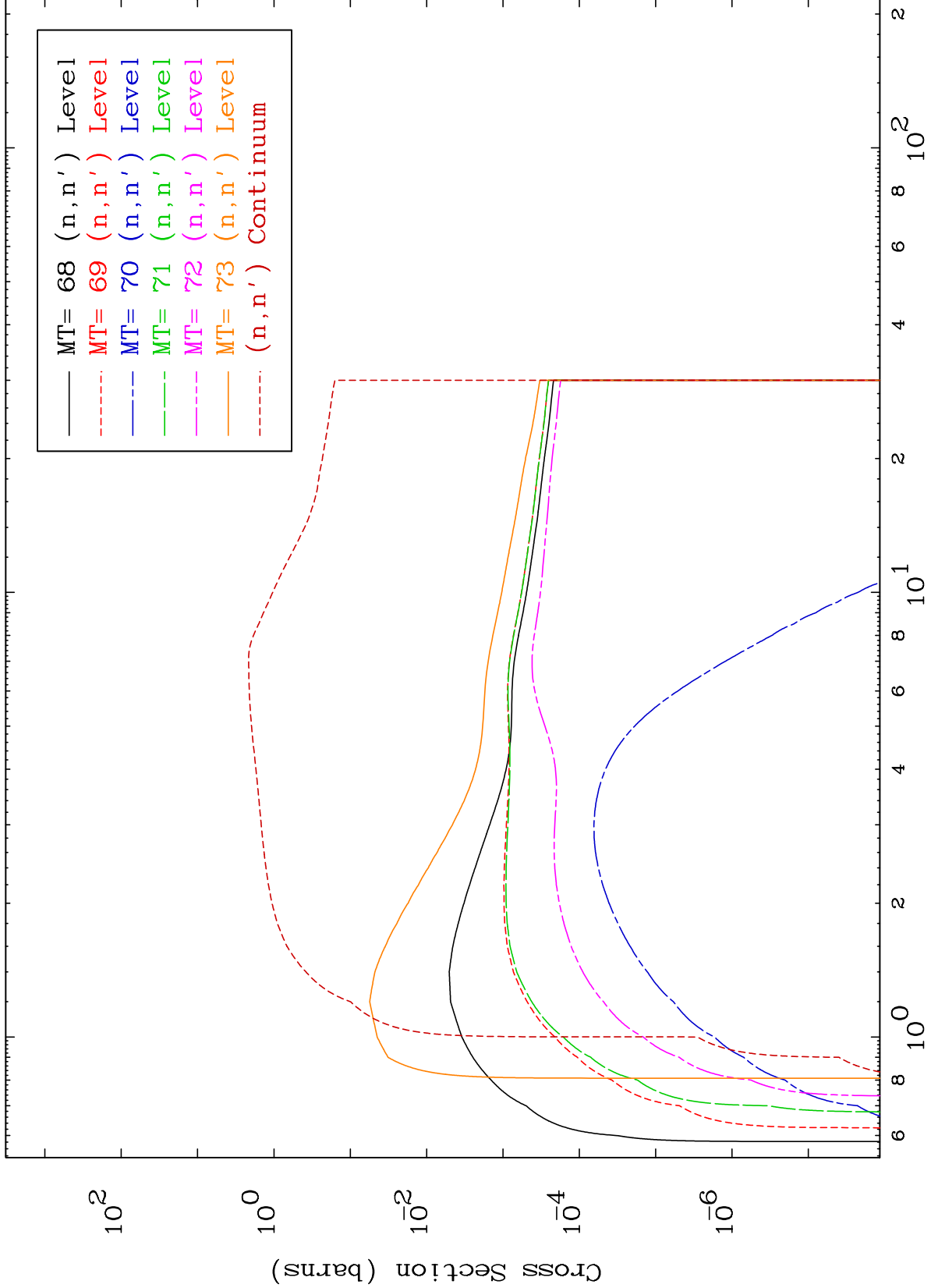
293 Kelvin Cross Sections







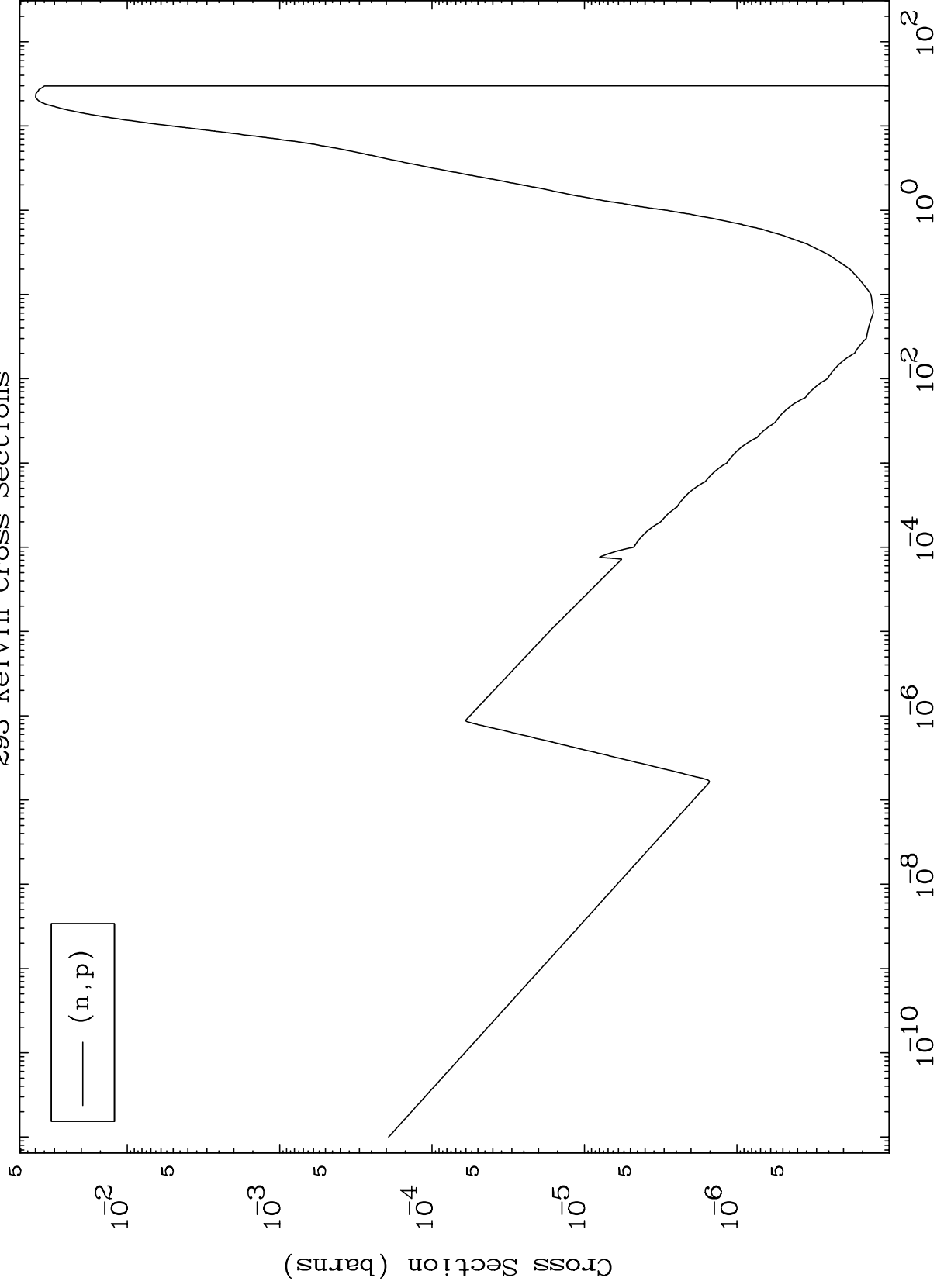
293 Kelvin Cross Sections



MAT 7416

(n,p) Levels  
293 Kelvin Cross Sections

74-W -177



10

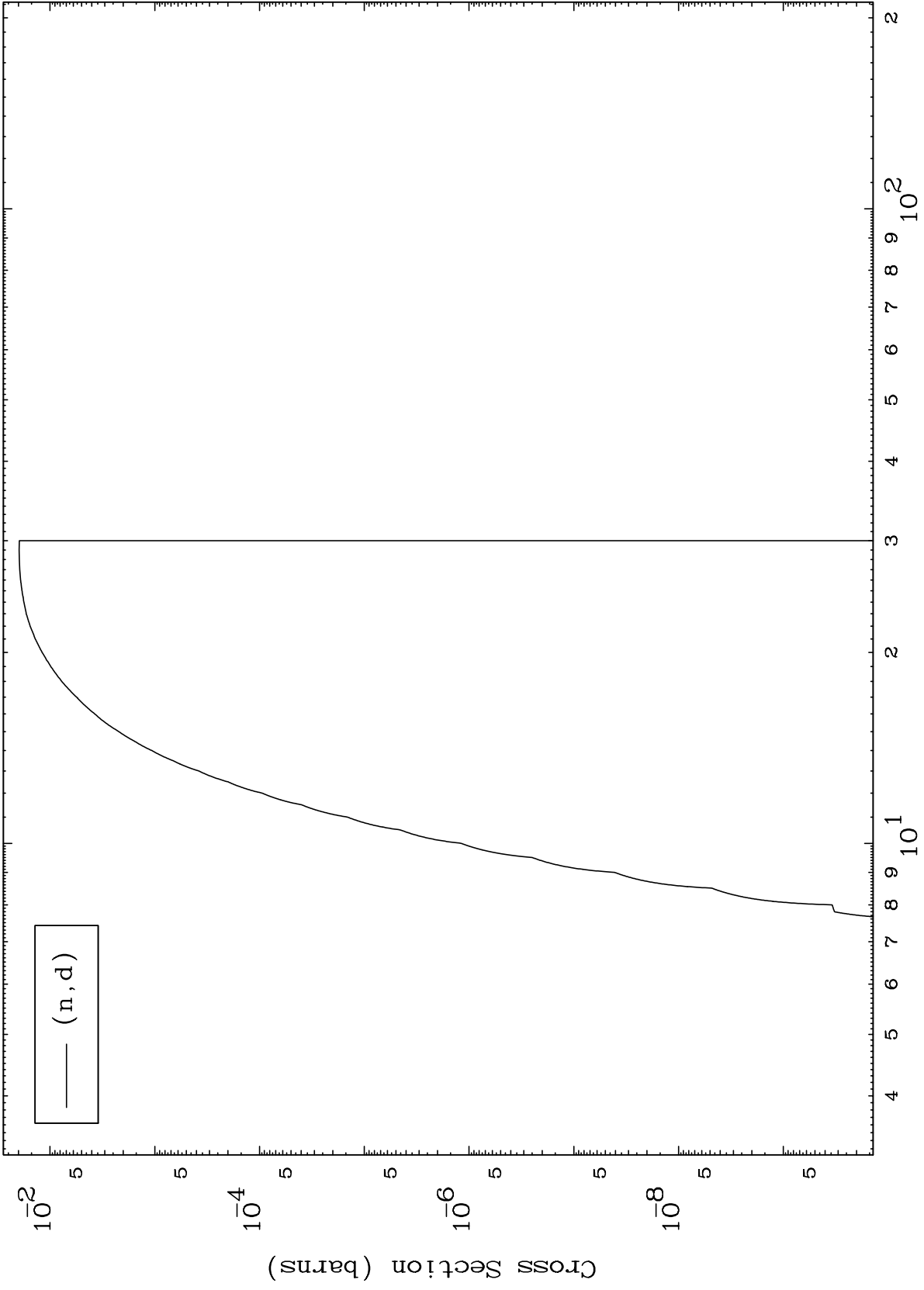
Incident Energy (MeV)

74-W -177

MAT 7416

(n,d) Levels  
293 Kelvin Cross Sections

74-W -177



11

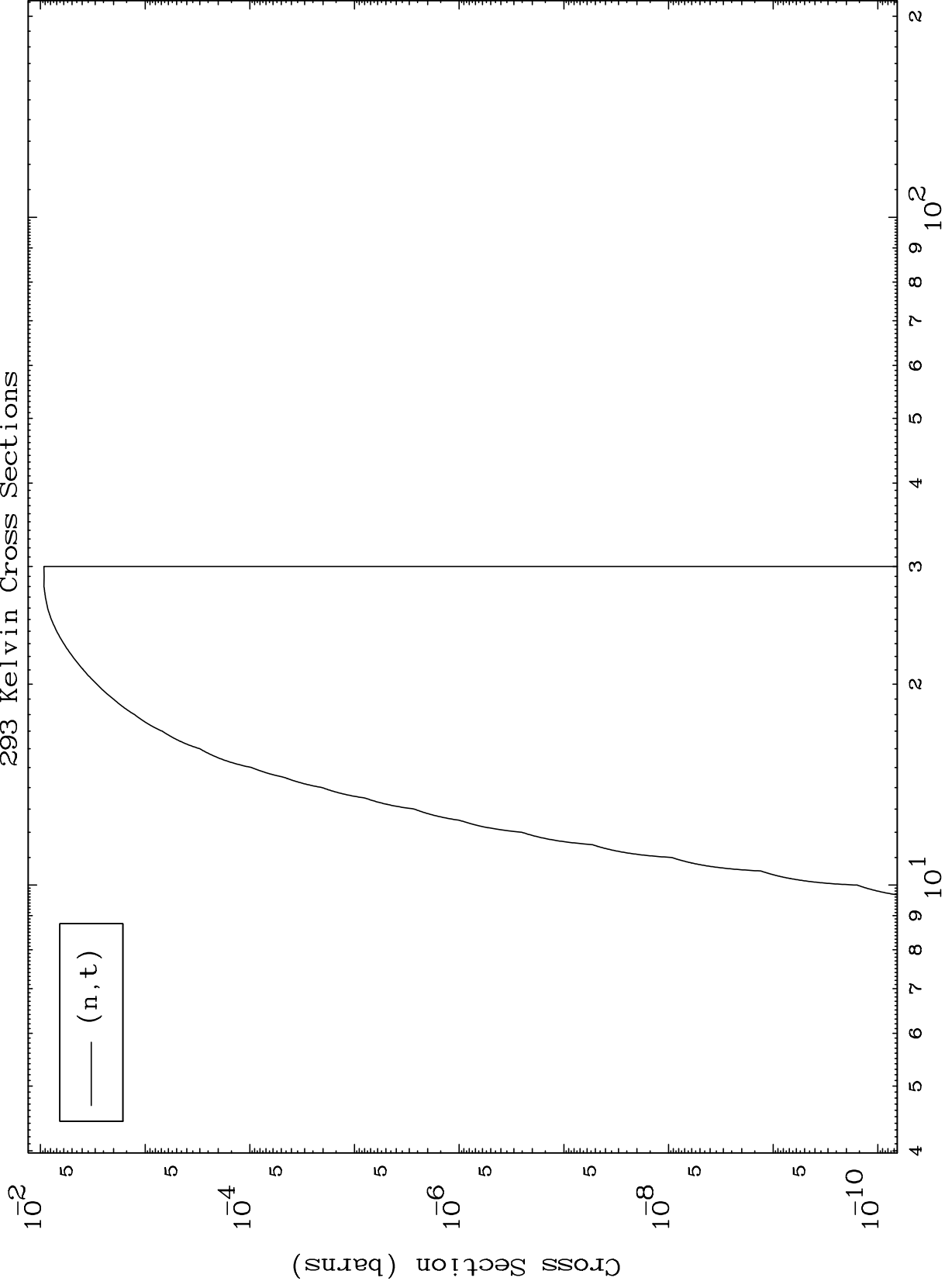
Incident Energy (MeV)

74-W -177

MAT 7416

(n,t) Levels  
293 Kelvin Cross Sections

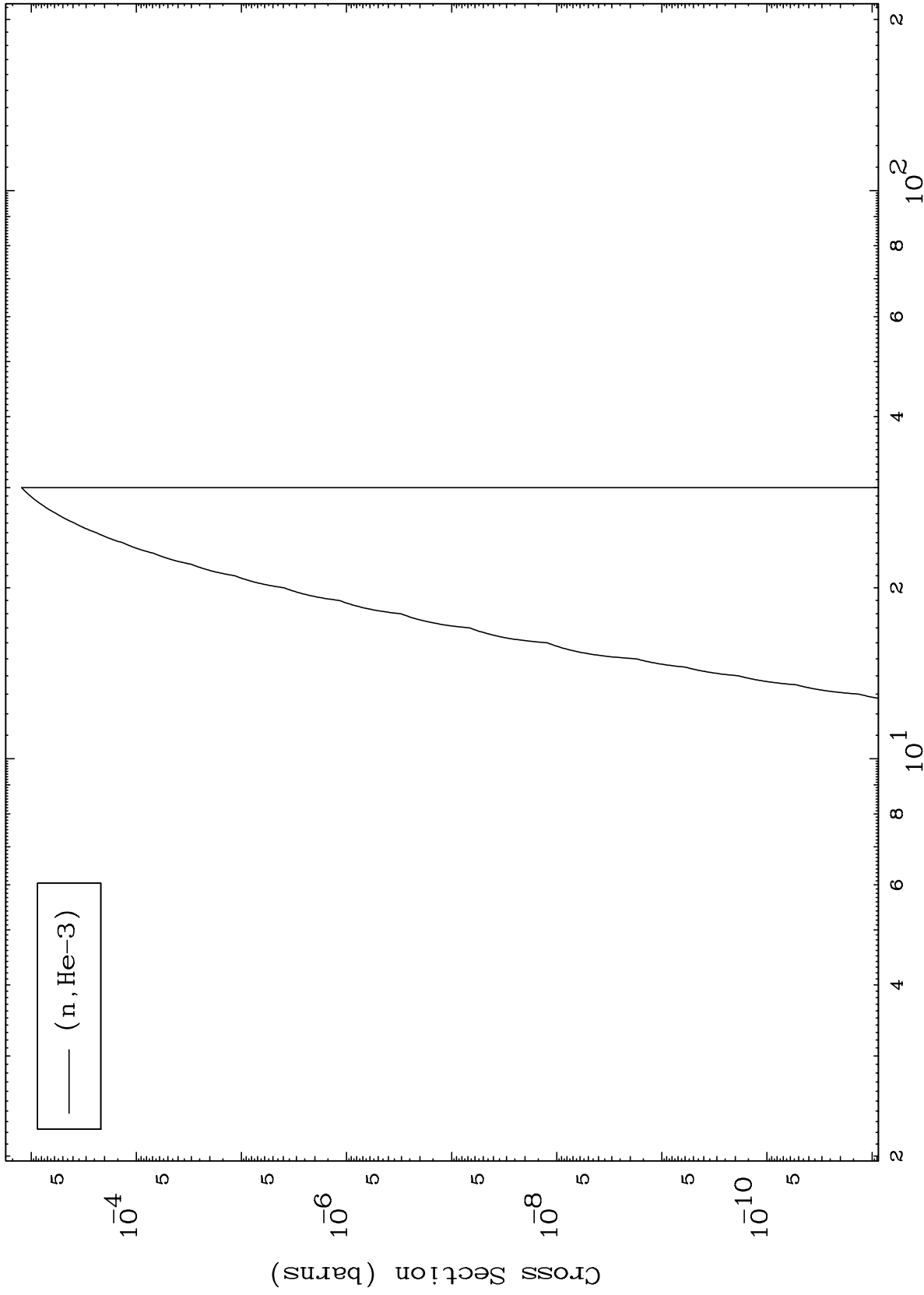
74-W -177



12

Incident Energy (MeV)

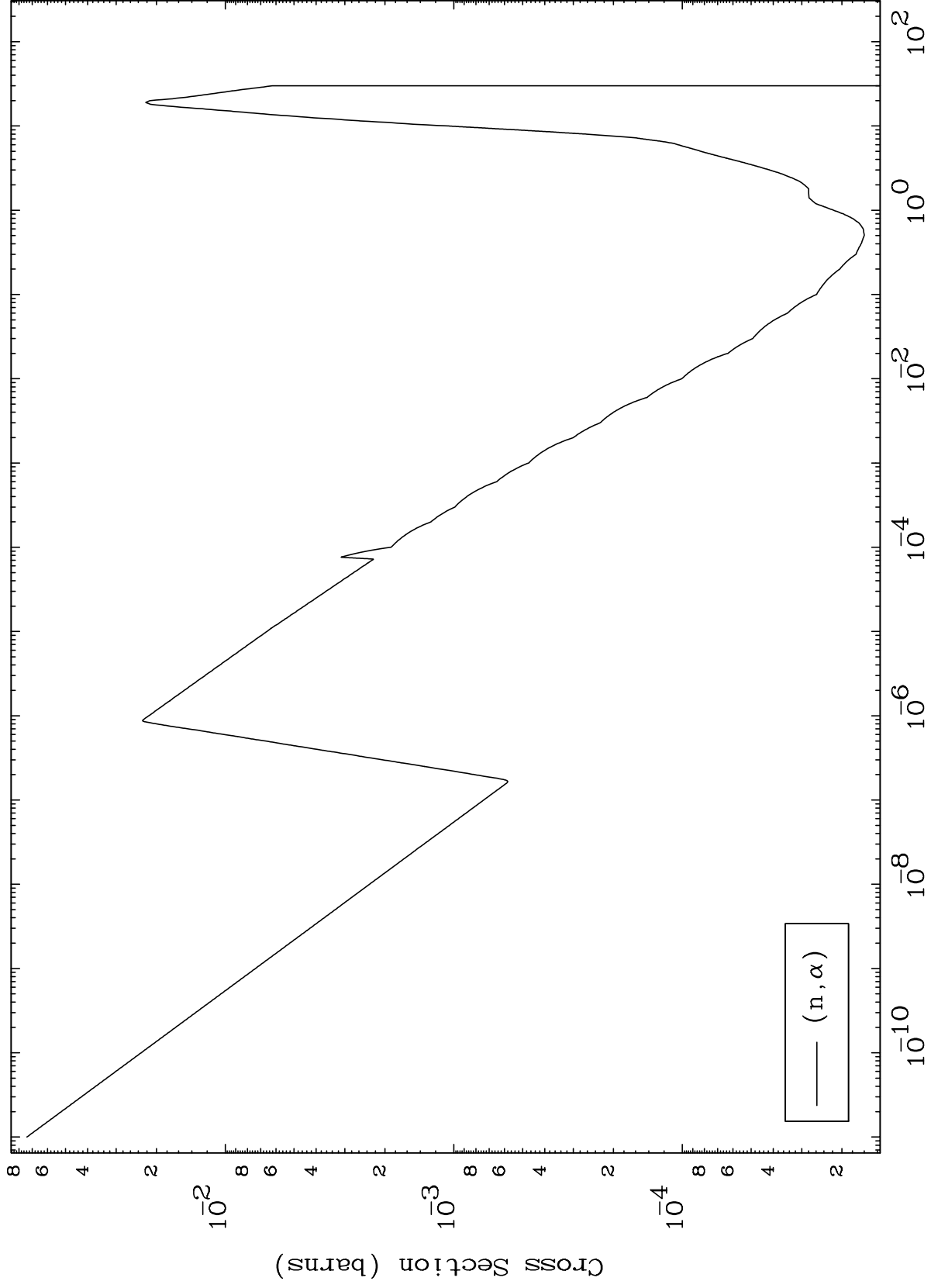
74-W -177



MAT 7416

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

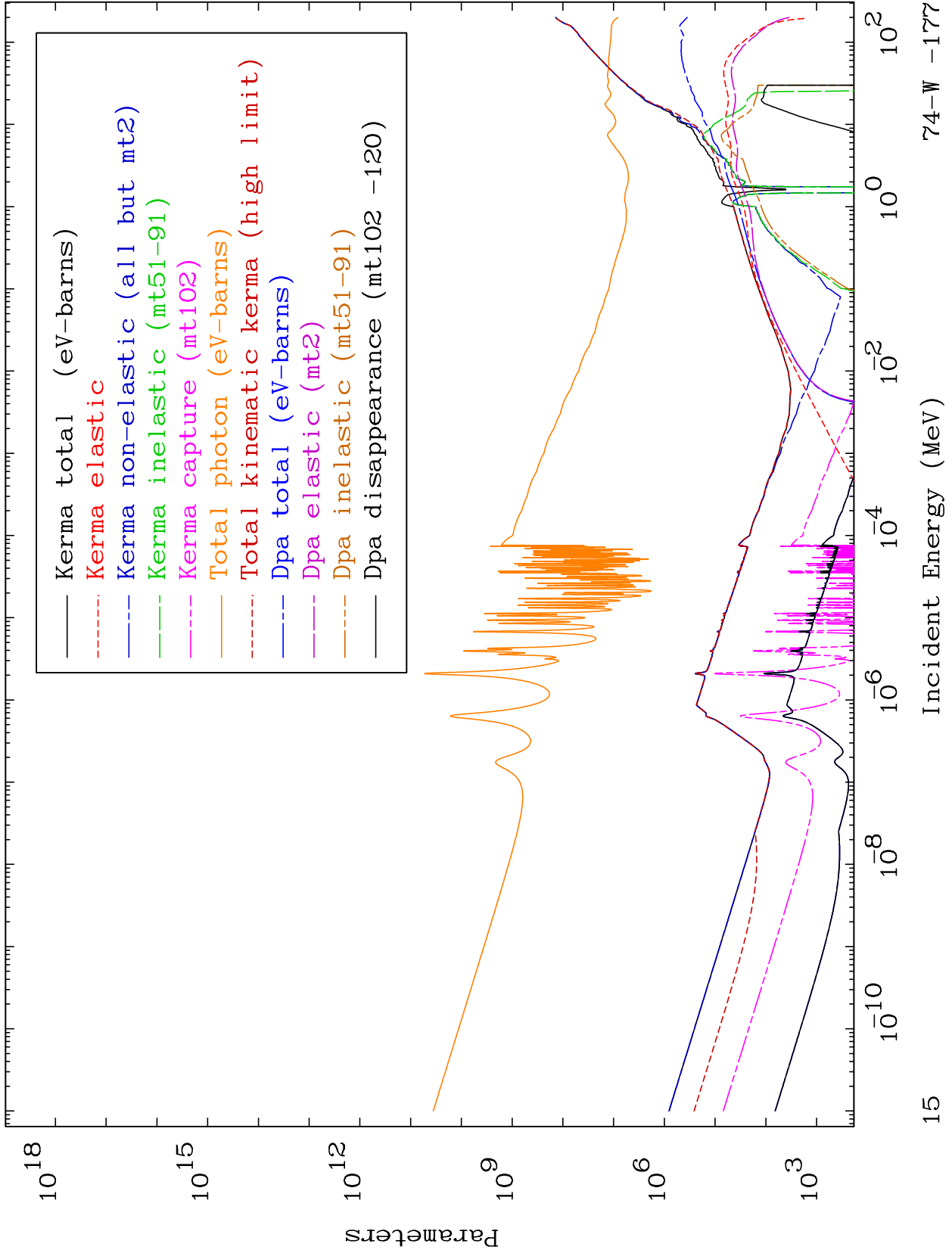
74-W -177



14

Incident Energy (MeV)

74-W -177

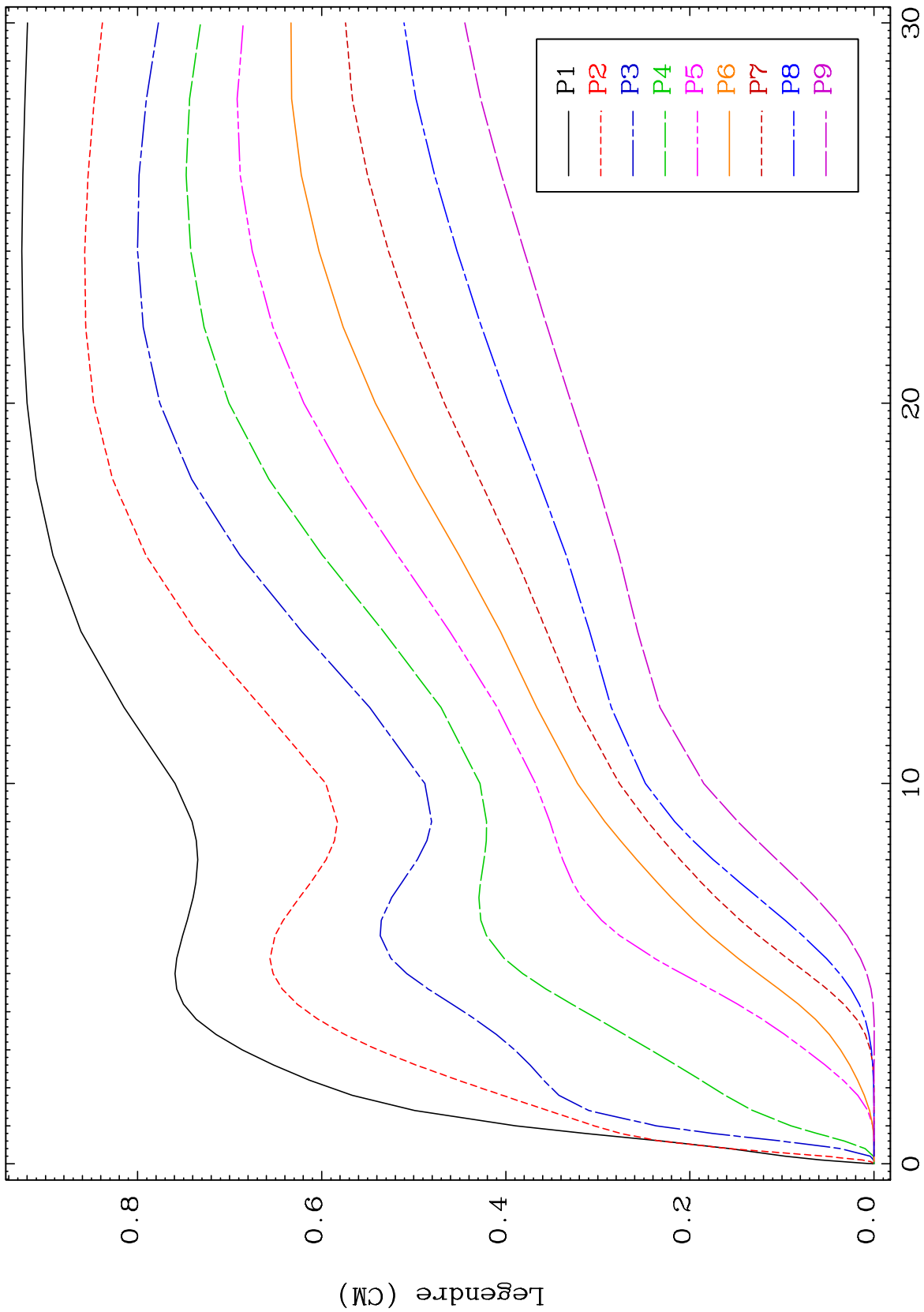




MAT 7416

Elastic Legendre Coefficients

74-W -177



16

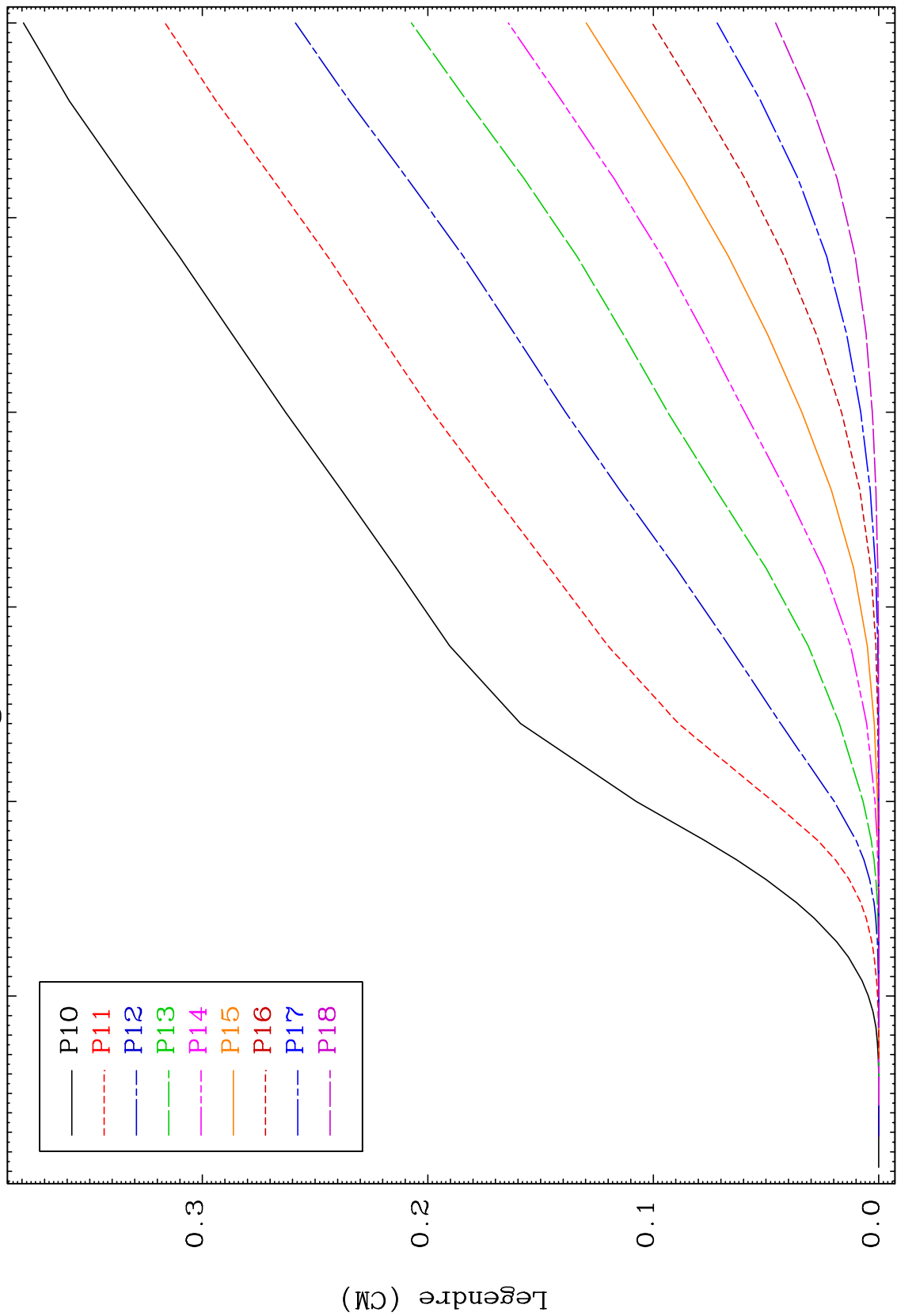
Incident Energy (MeV)

74-W -177

MAT 7416

Elastic Legendre Coefficients

74-W -177



17

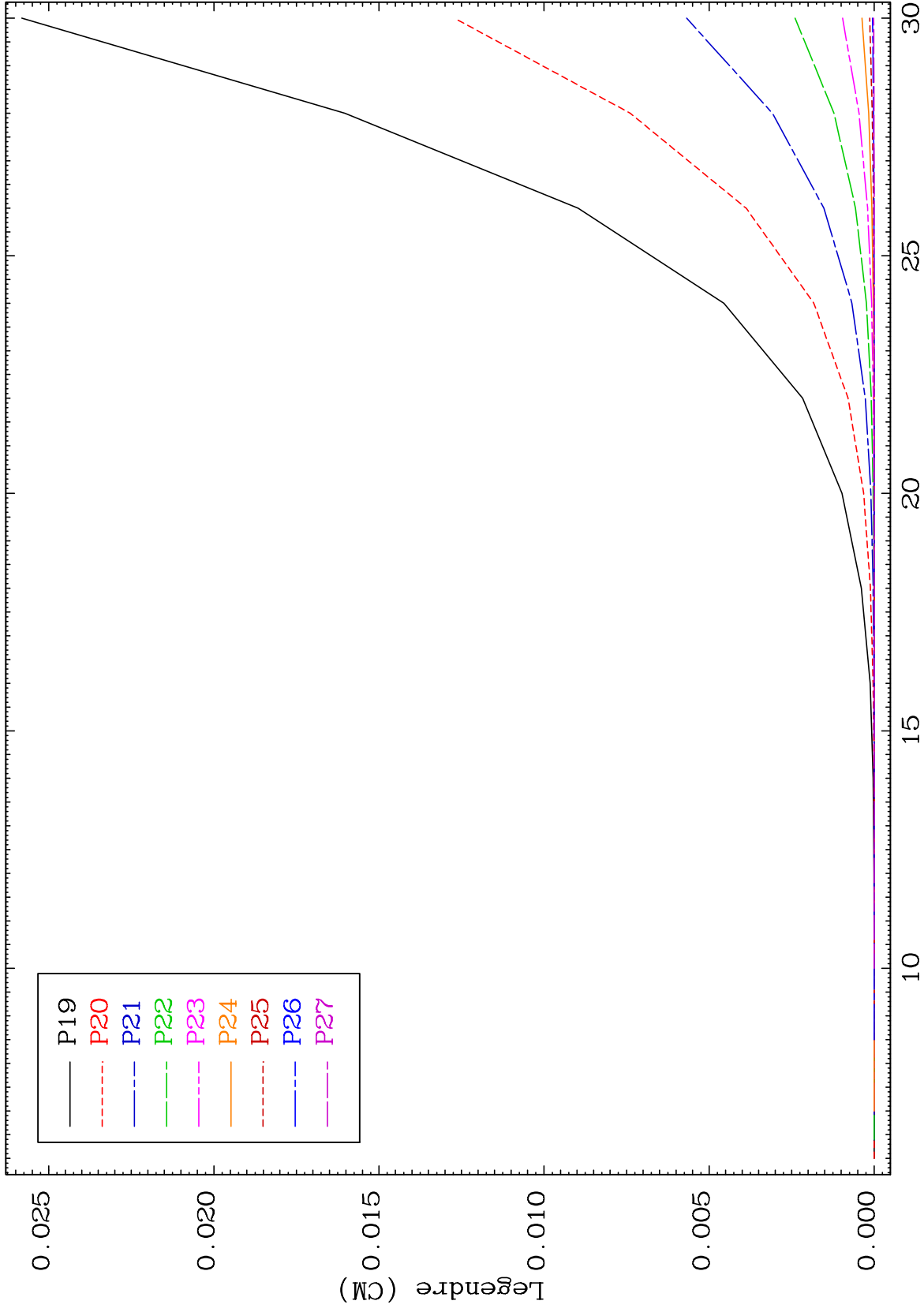
Incident Energy (MeV)

74-W -177

MAT 7416

### Elastic Legendre Coefficients

74-W -177



18

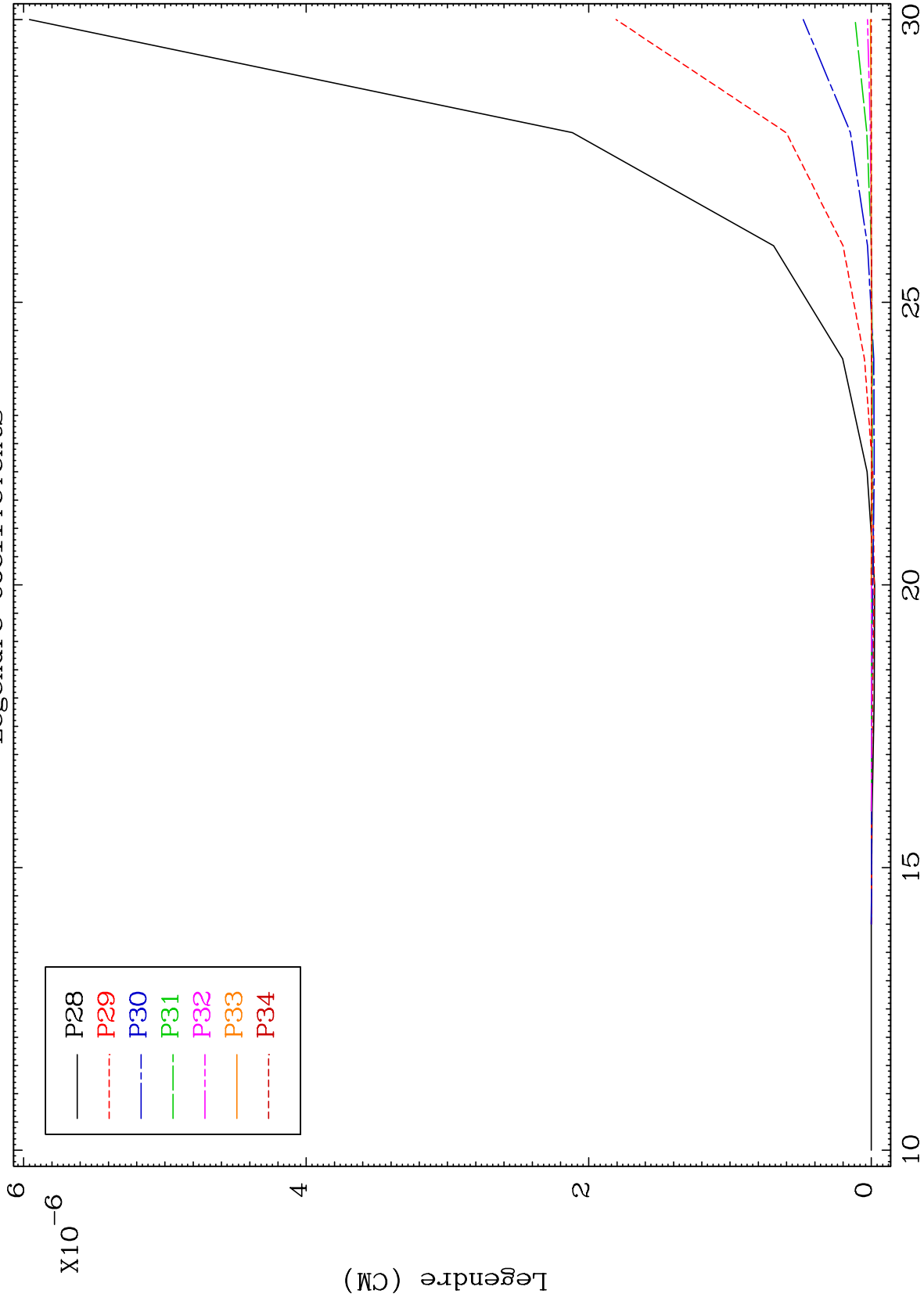
Incident Energy (MeV)

74-W -177

MAT 7416

Elastic Legendre Coefficients

74-W -177



19

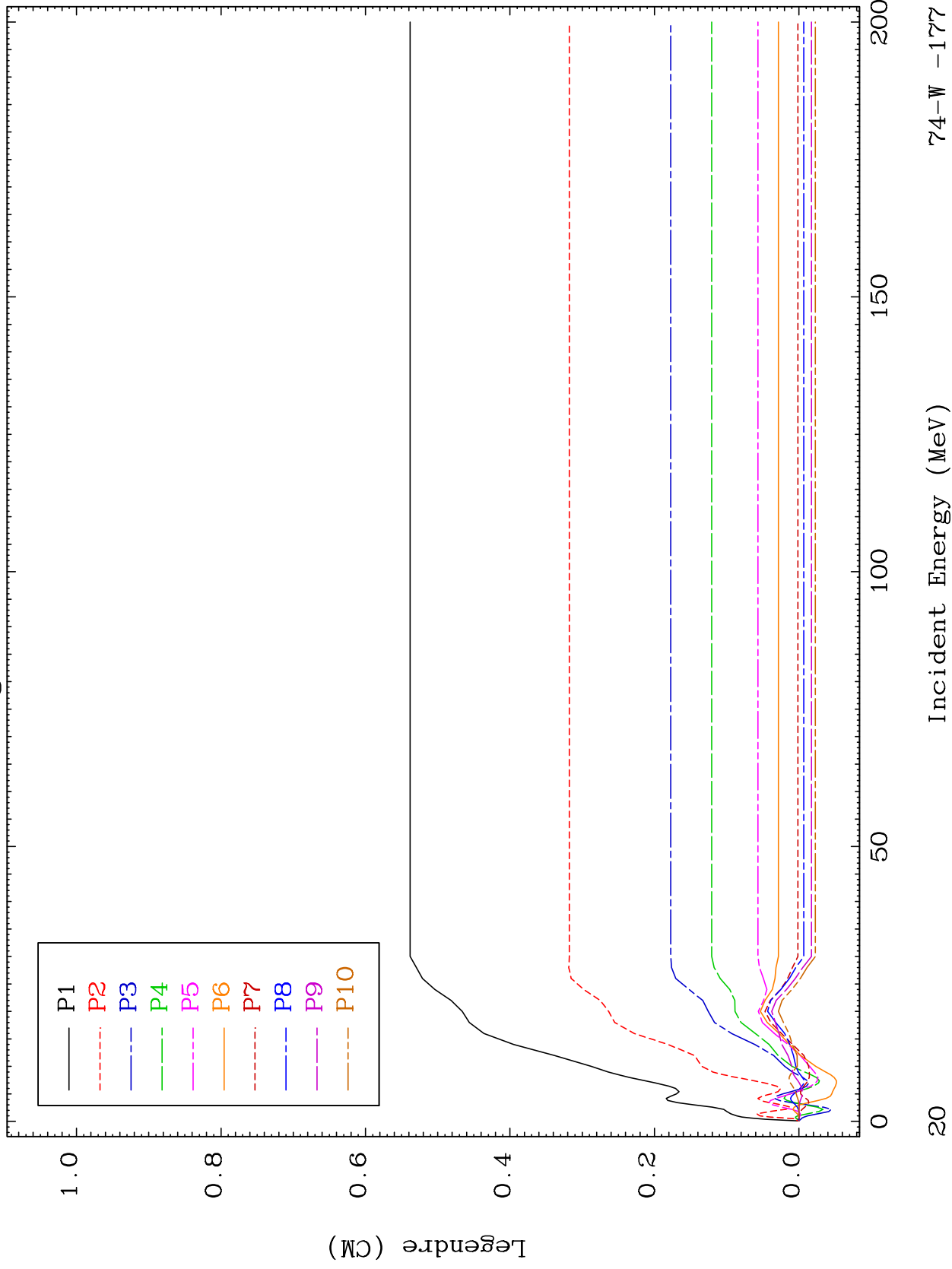
Incident Energy (MeV)

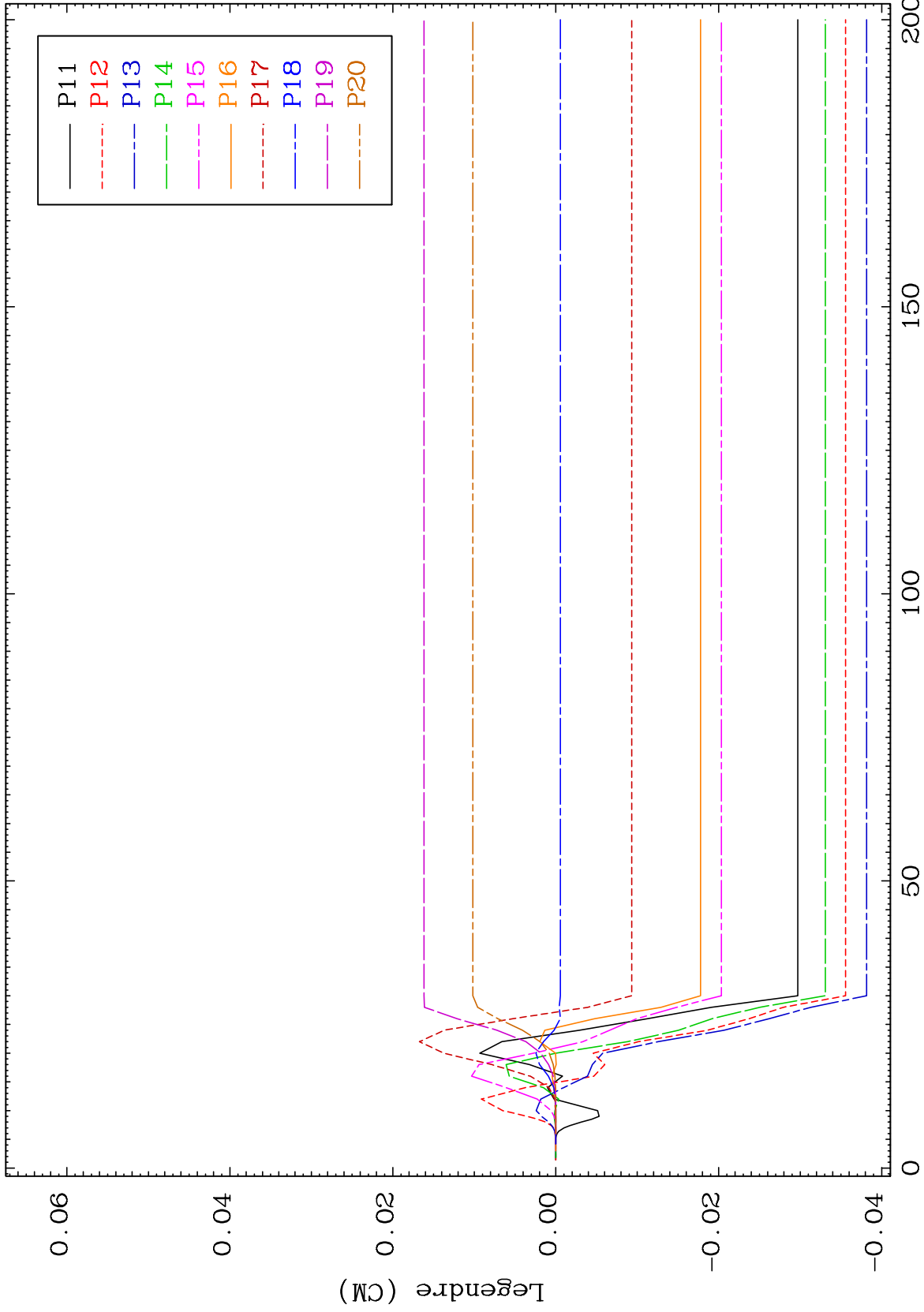
74-W -177

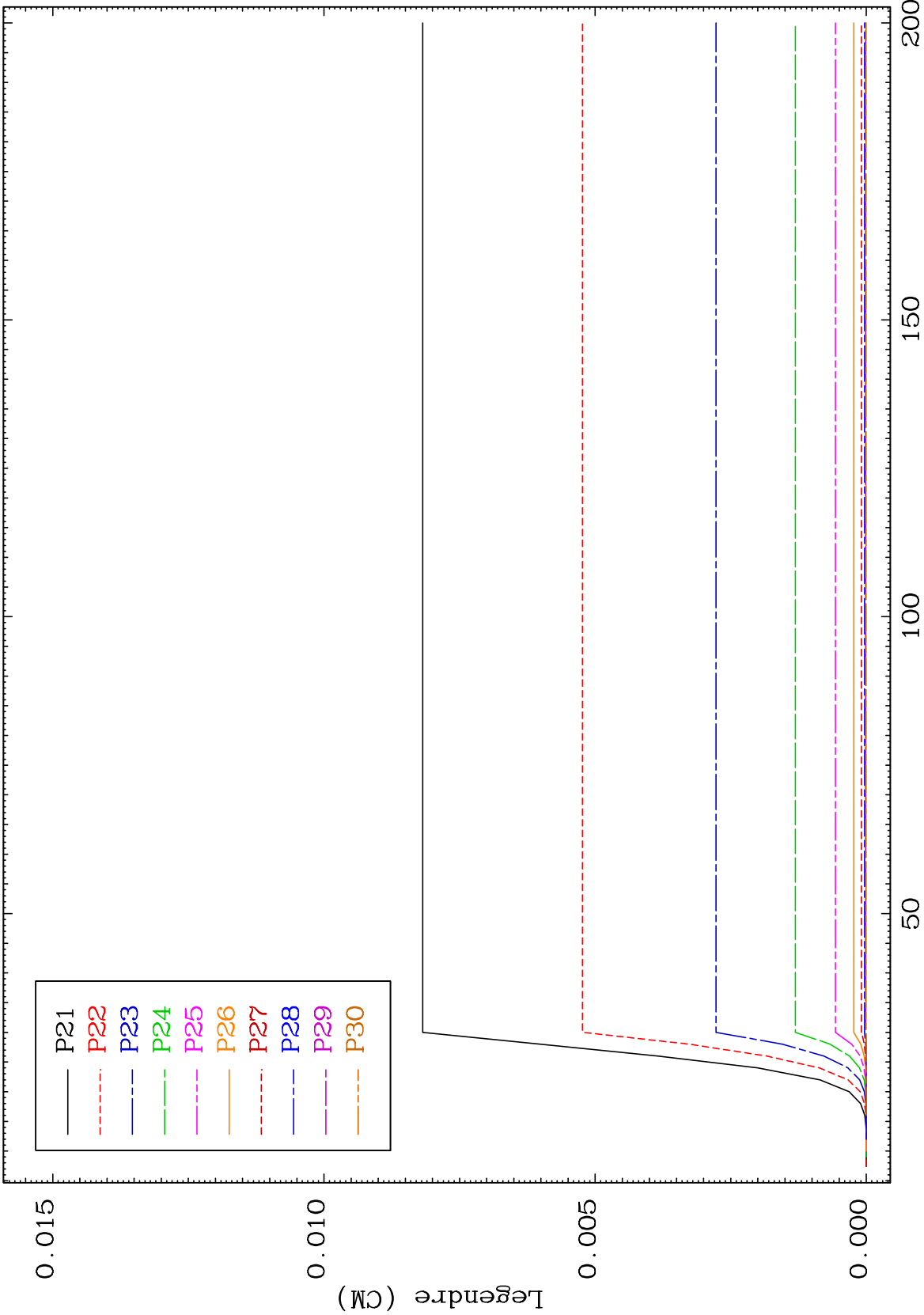
MAT 7416

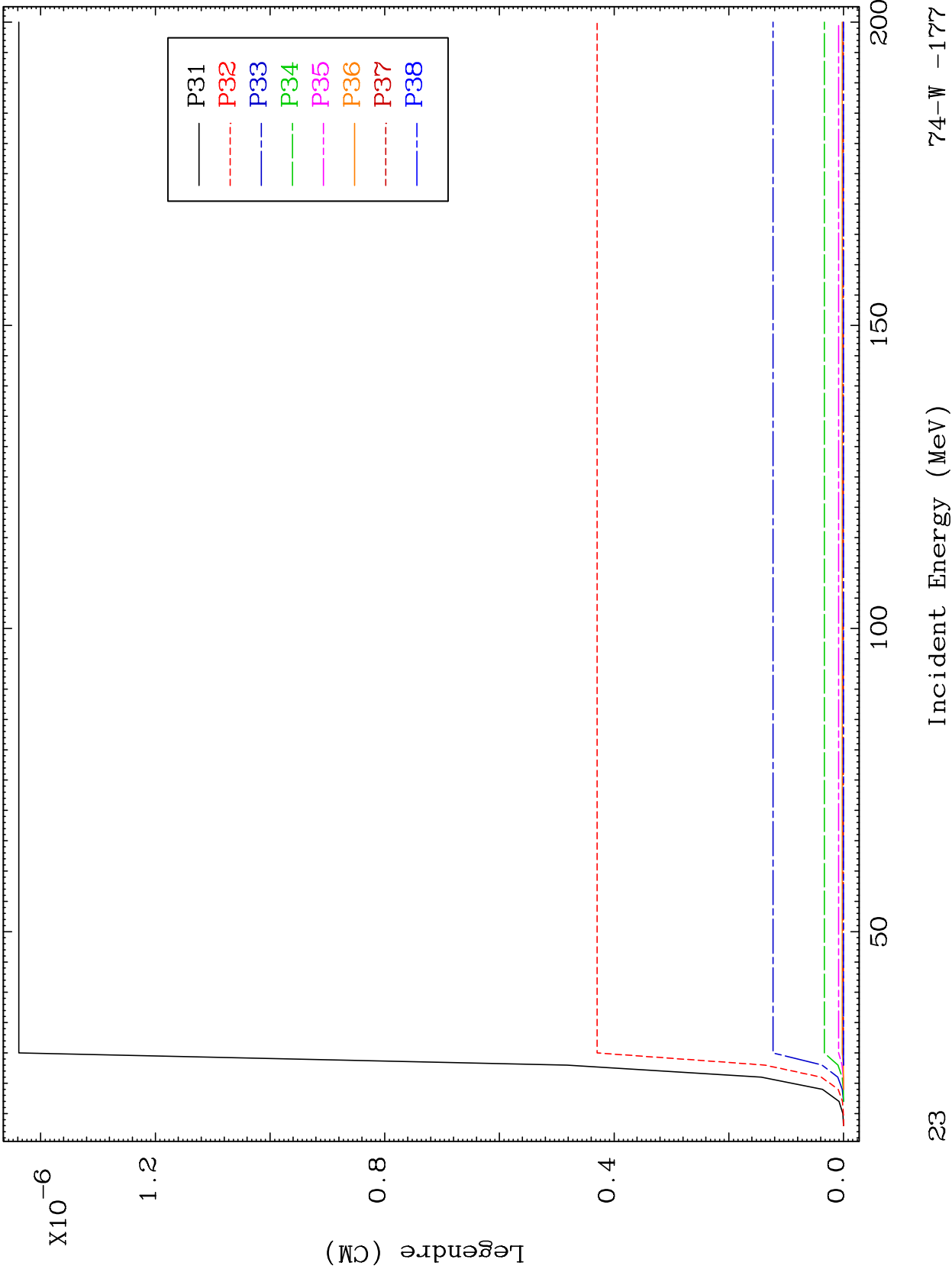
MT= 51 (n,n') Level  
Legendre Coefficients

74-W -177







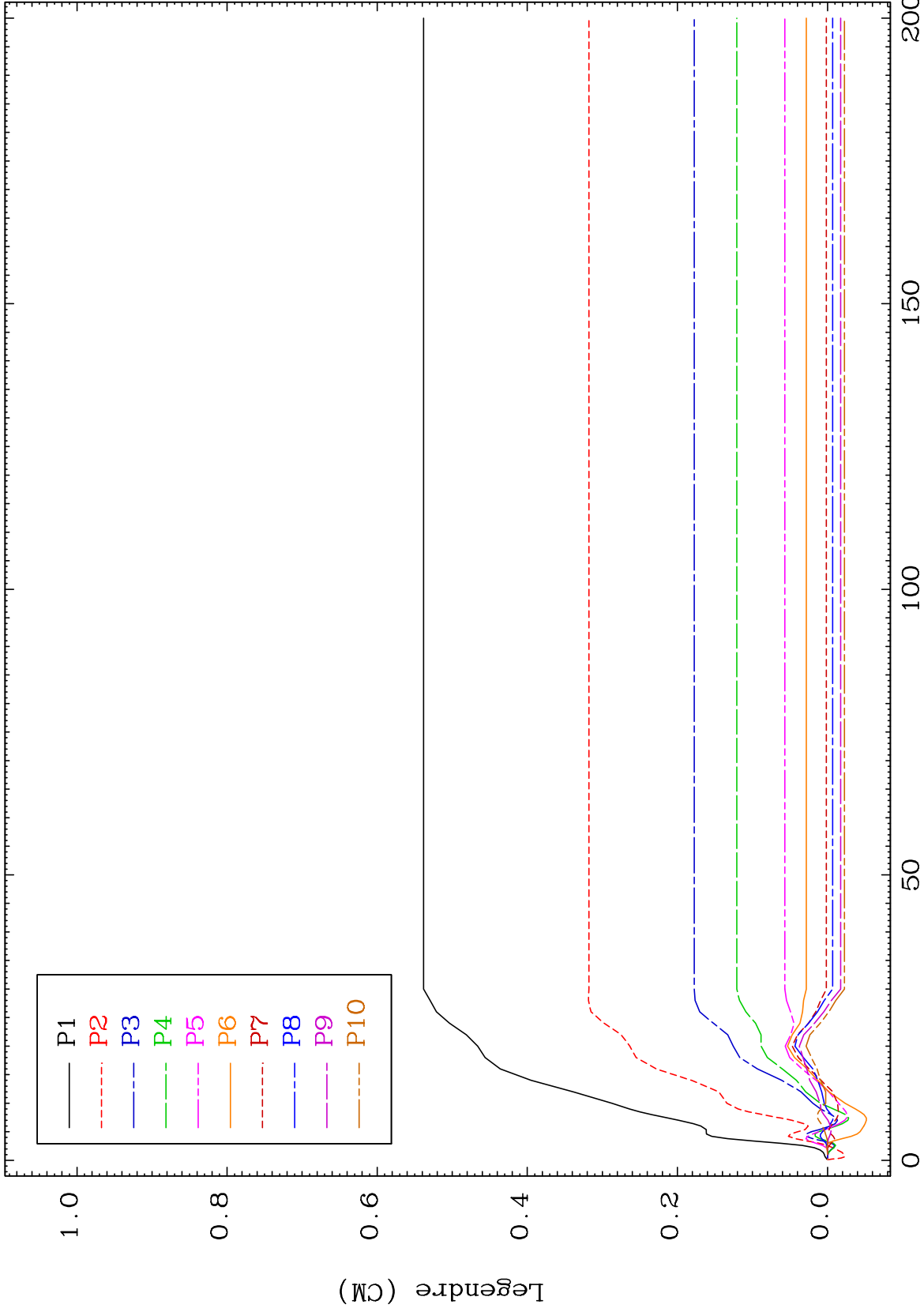




MAT 7416

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

74-W -177



24

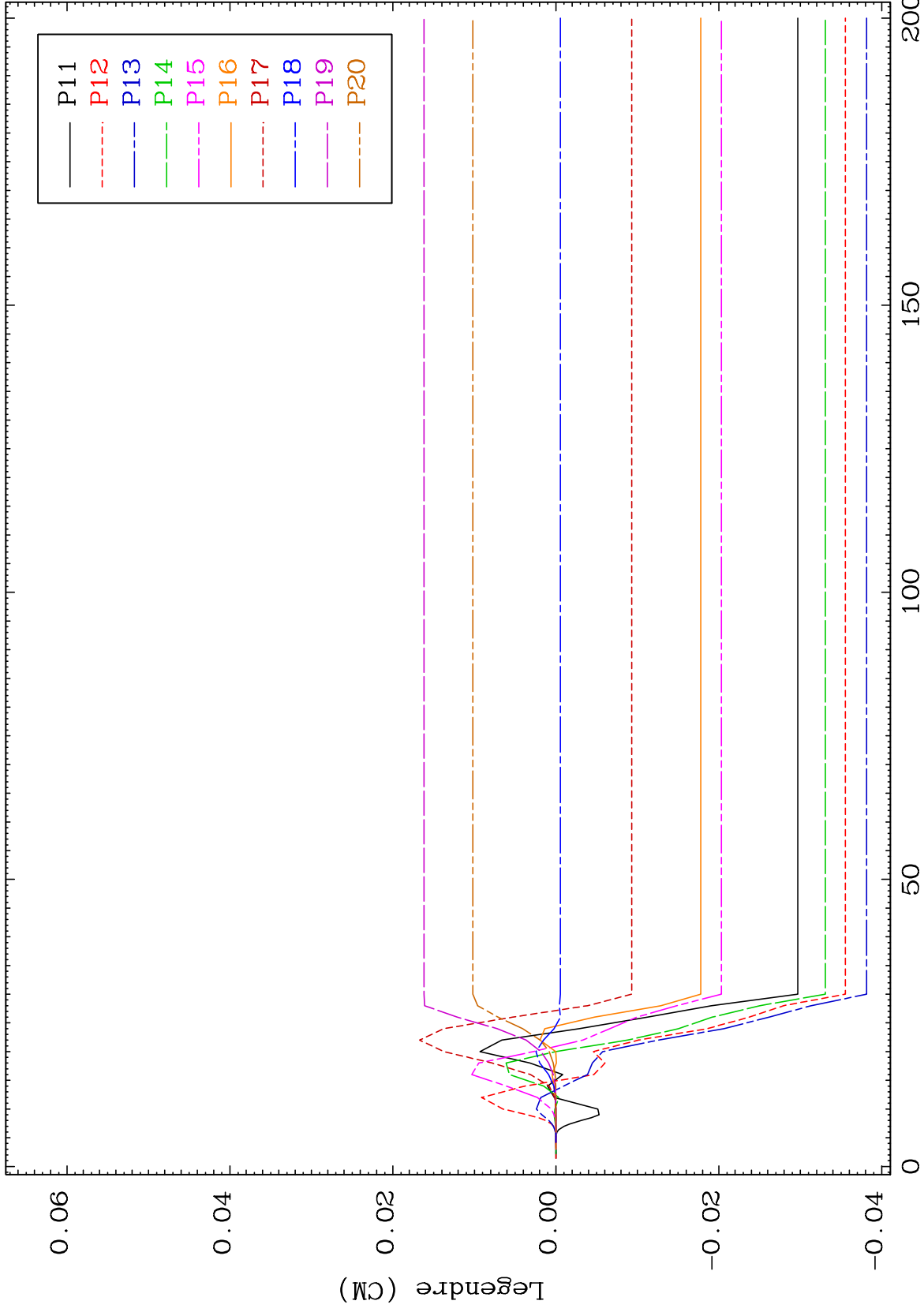
Incident Energy (MeV)

74-W -177

MAT 7416

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

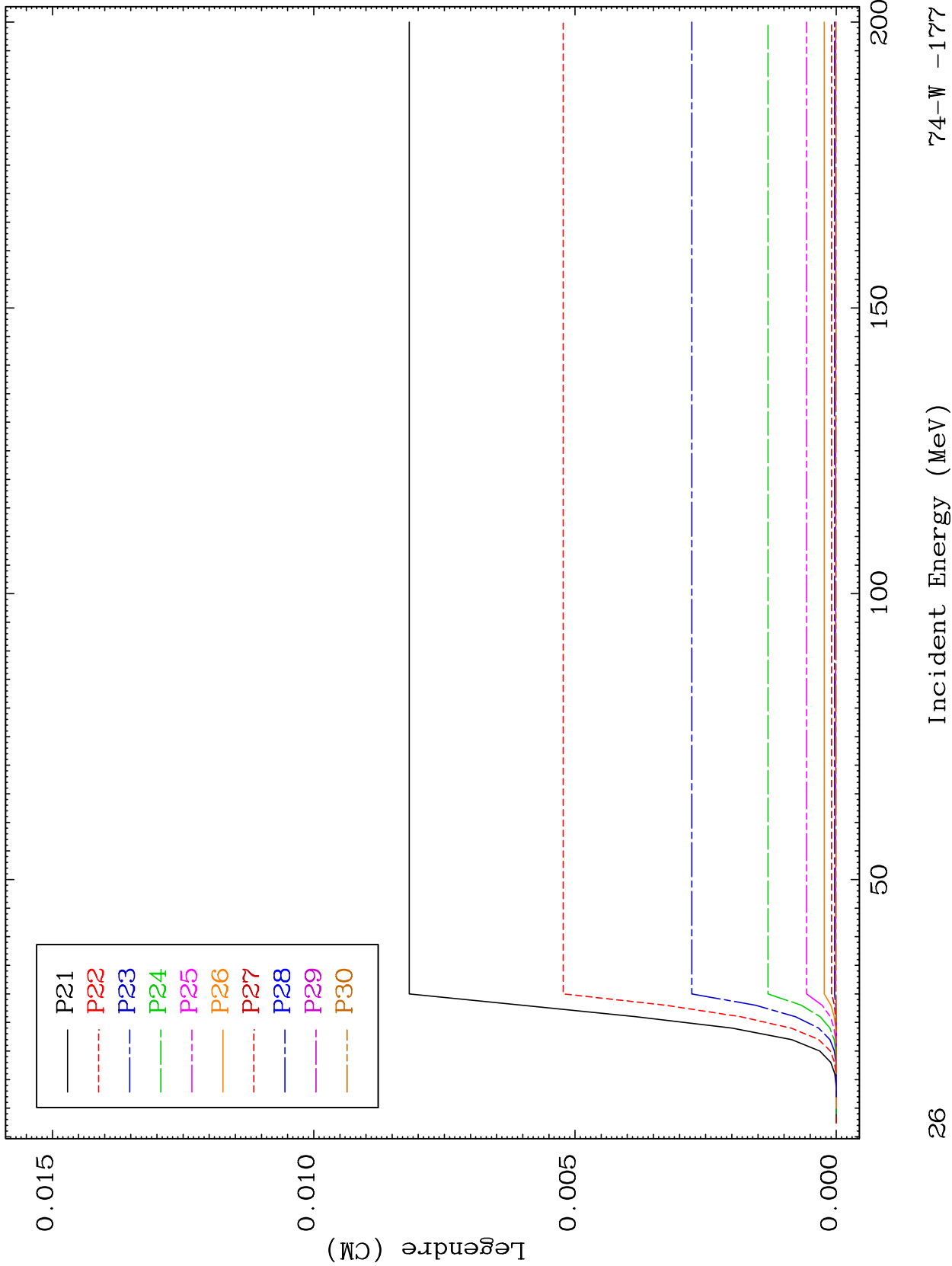
74-W -177

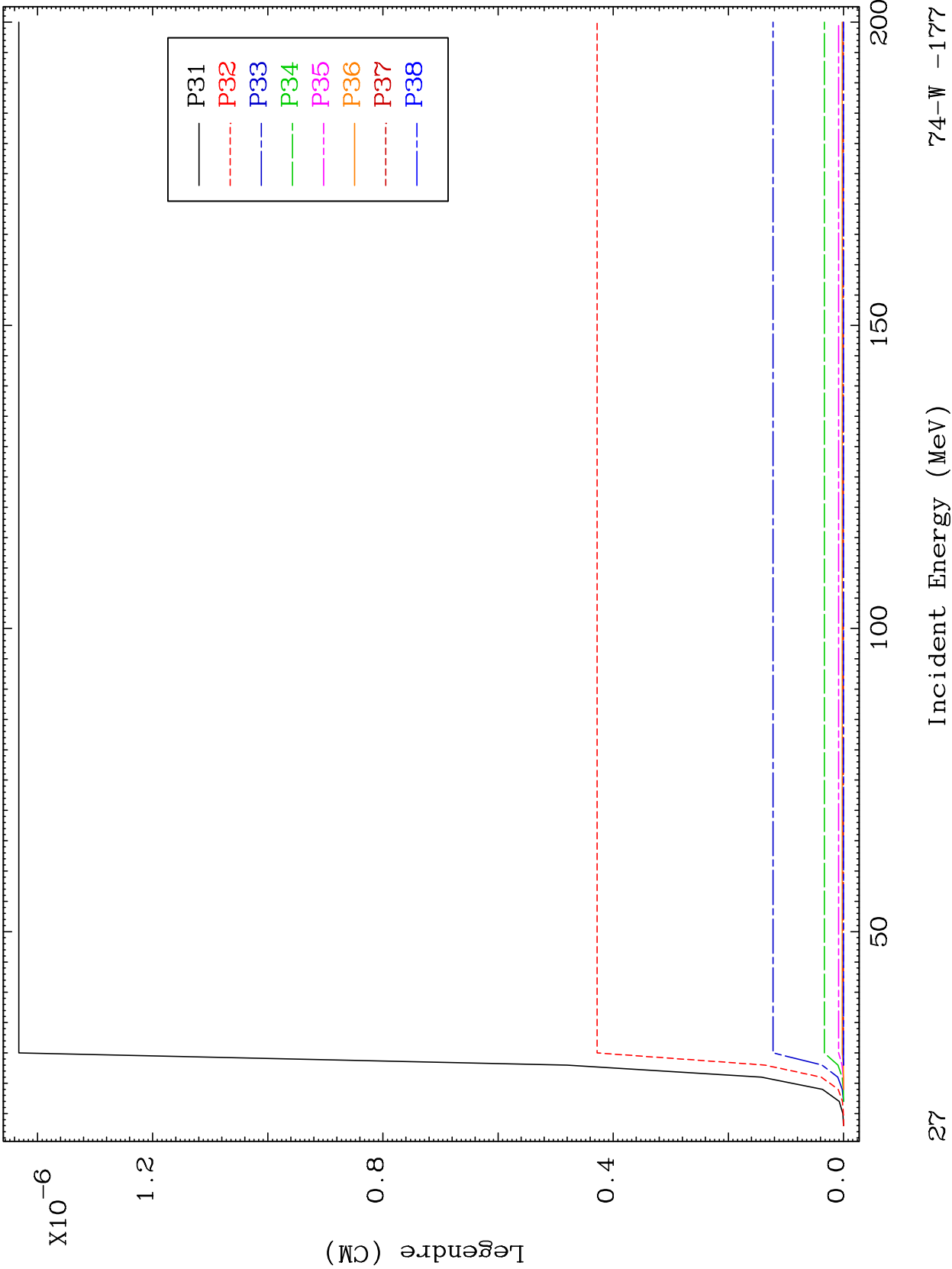


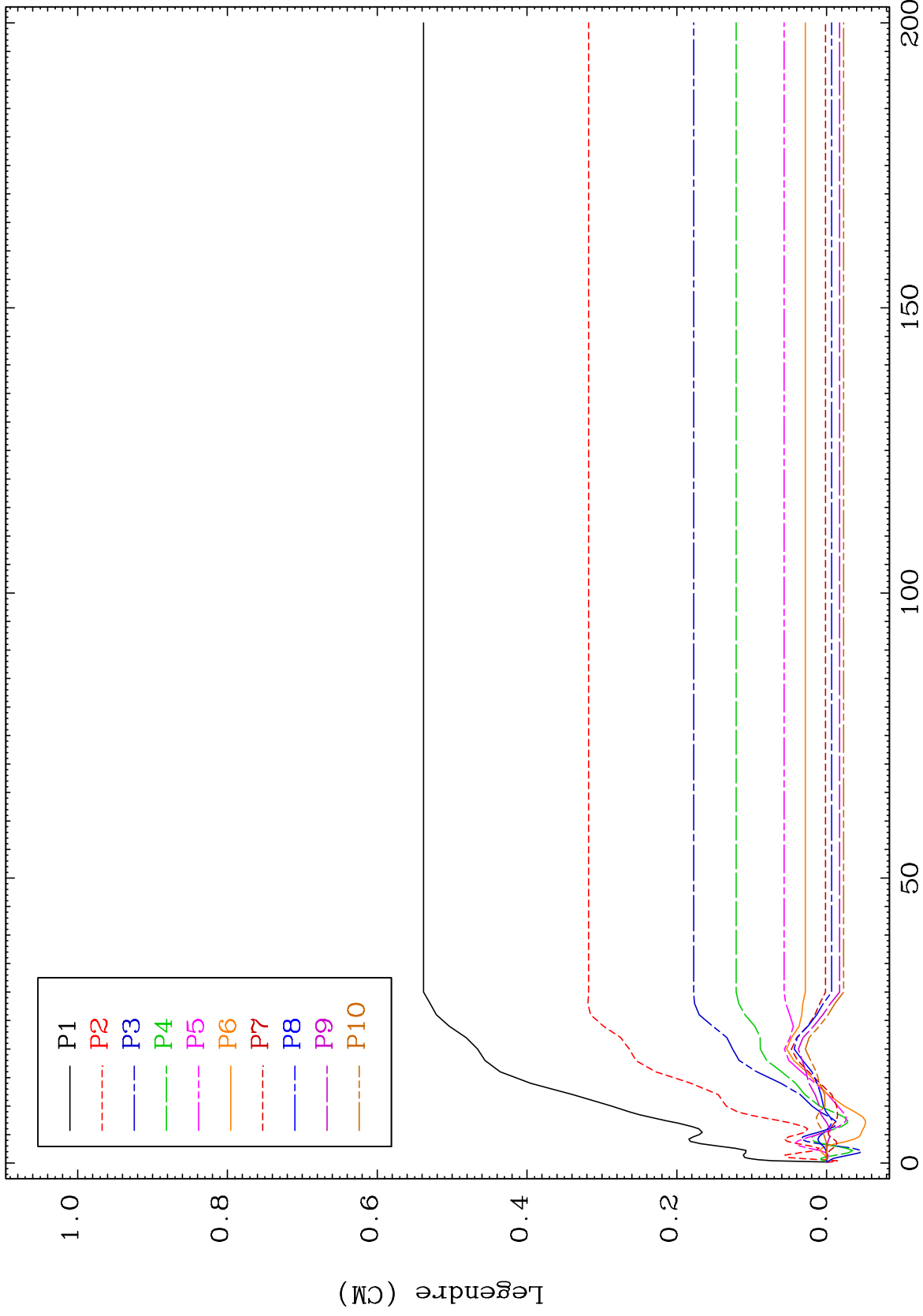
25

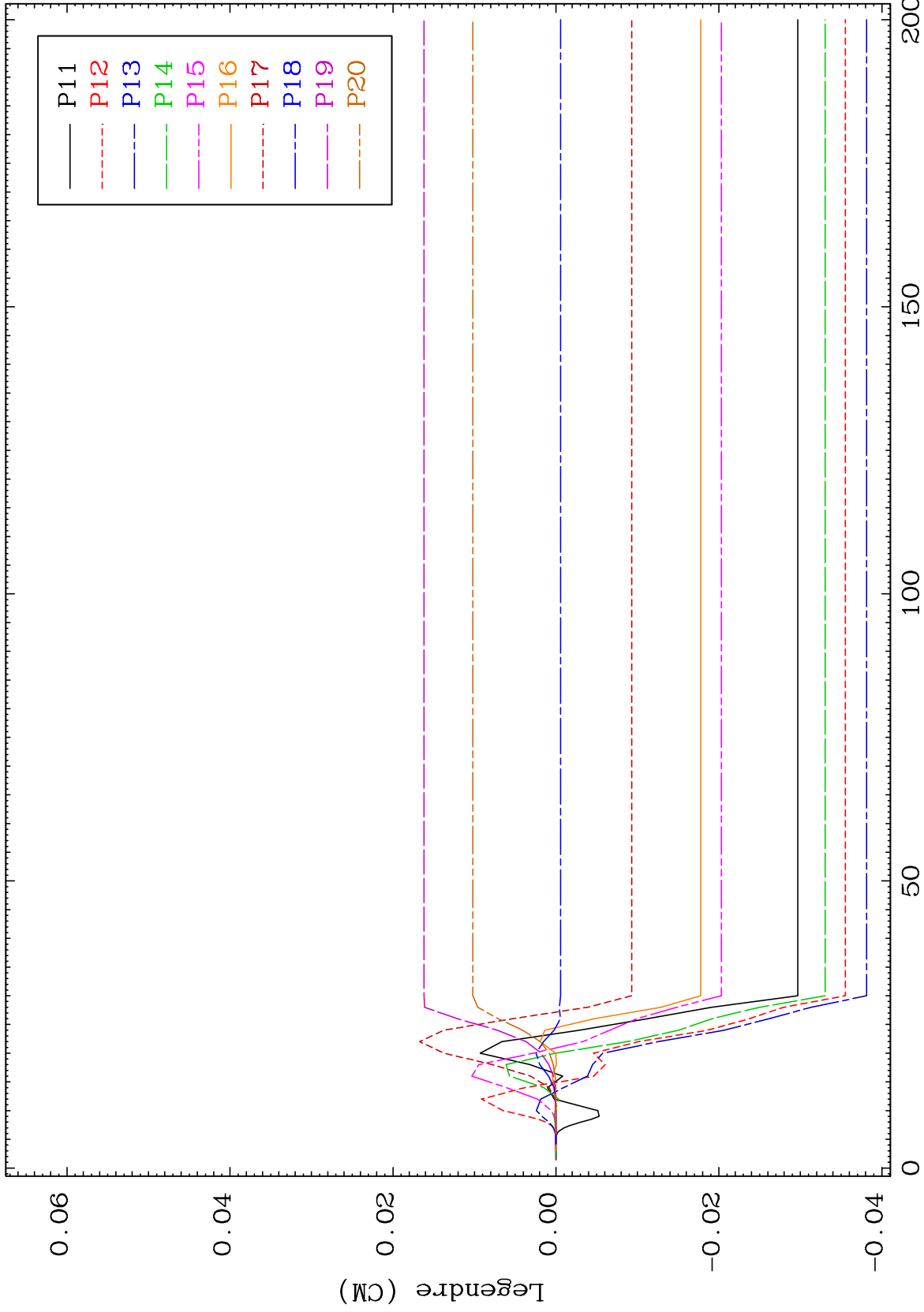
Incident Energy (MeV)

74-W -177





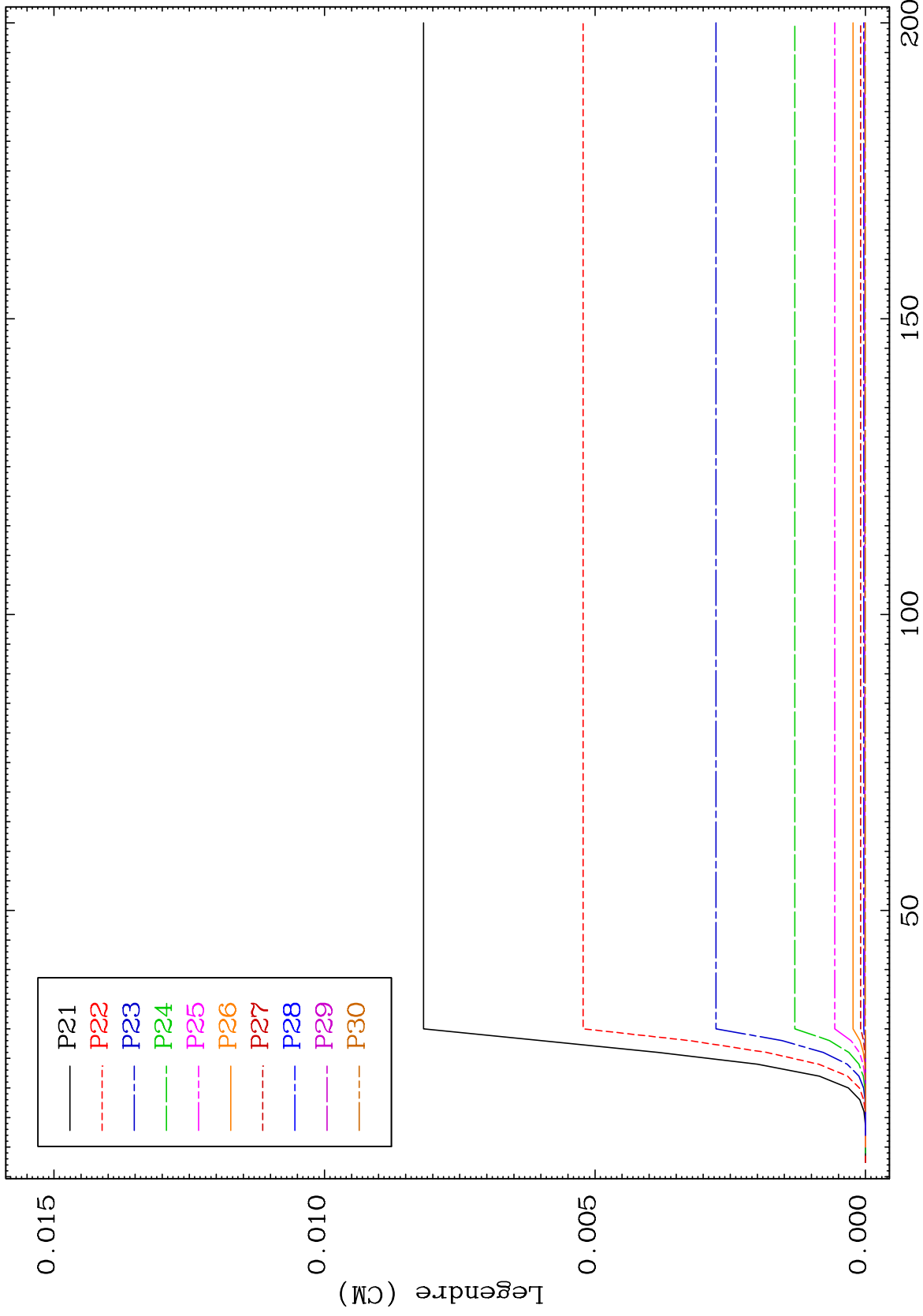




MAT 7416

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

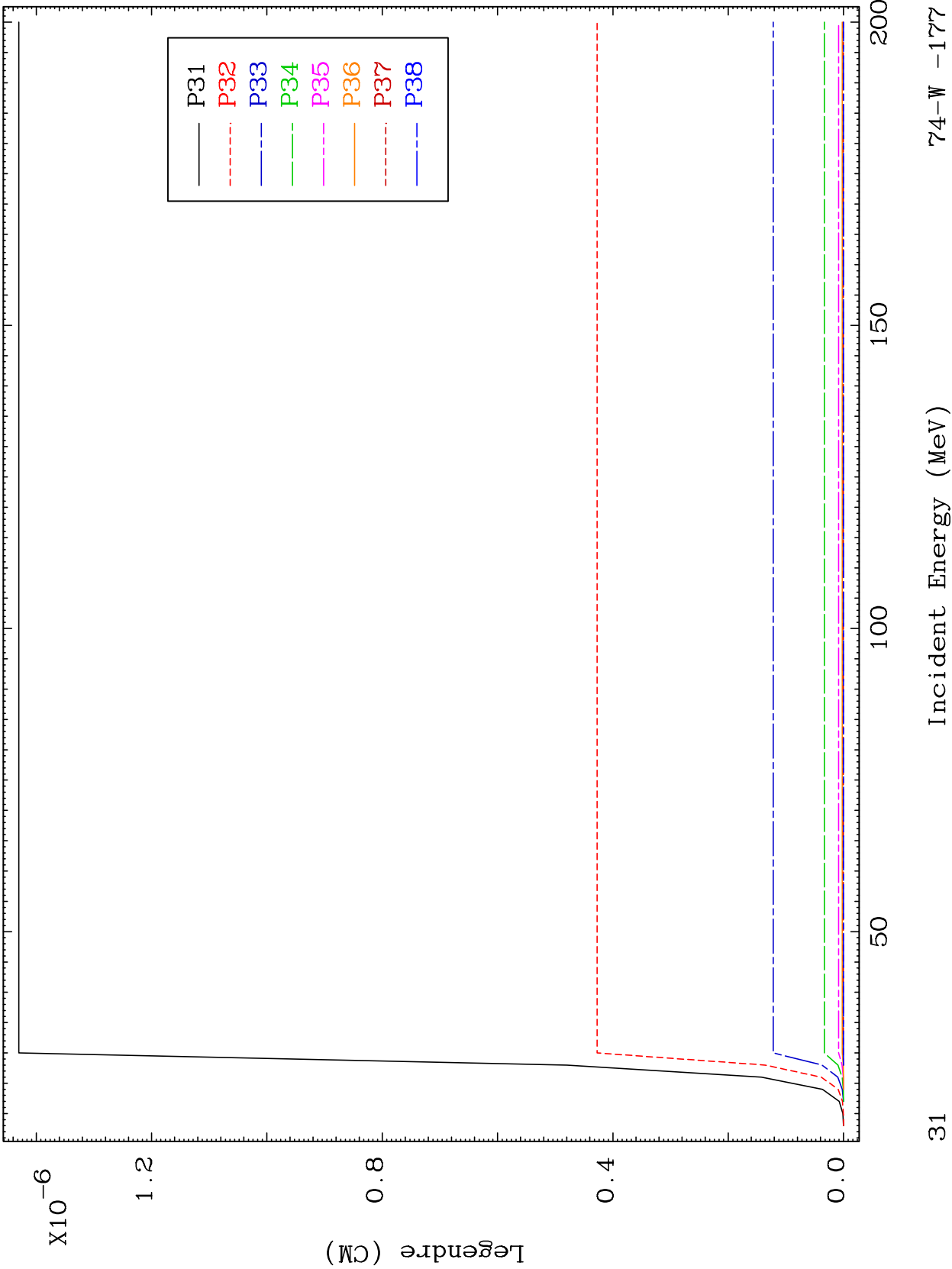
74-W -177



30

Incident Energy (MeV)

74-W -177



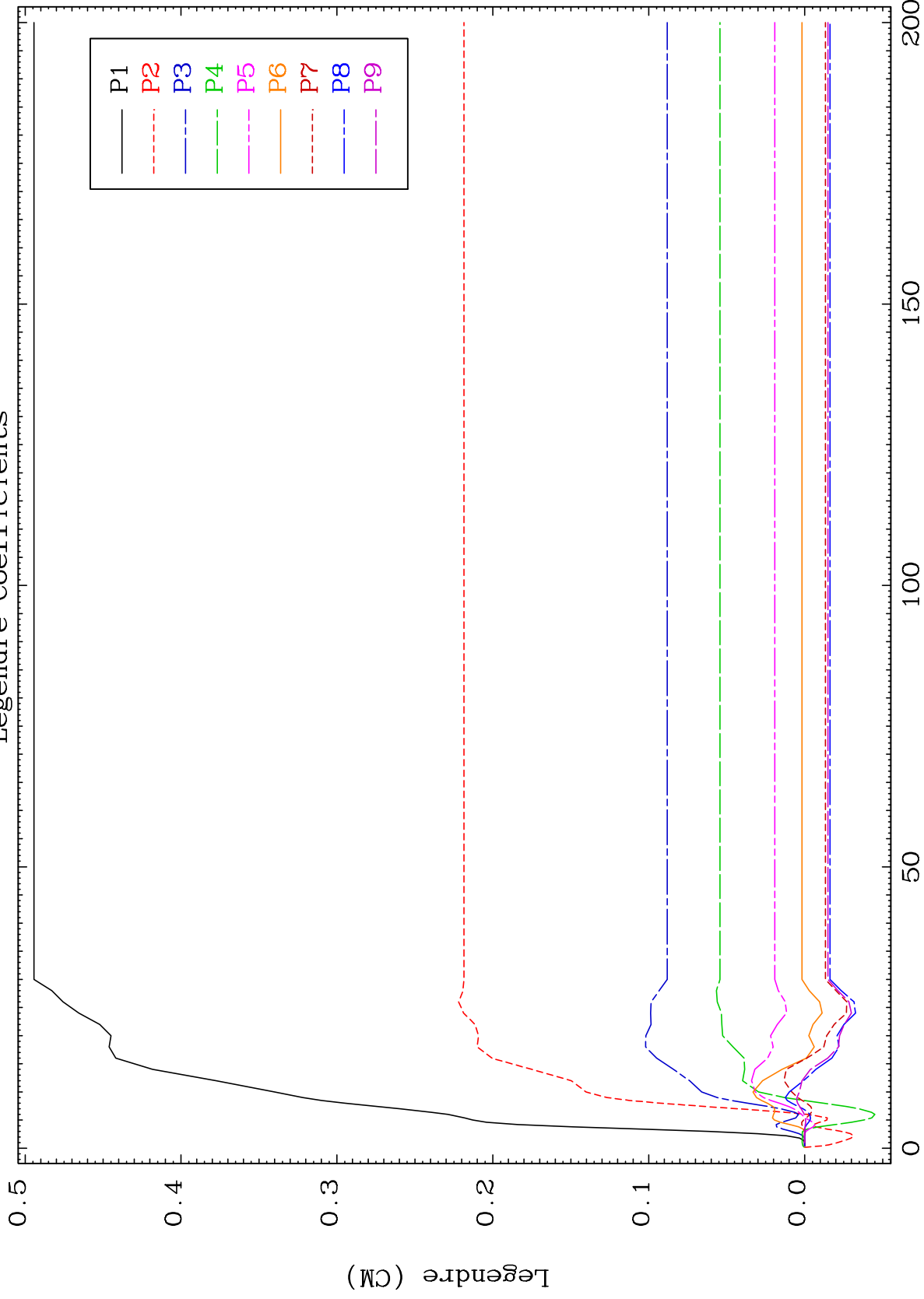


MAT 7416

MT= 54 (n,n') Level

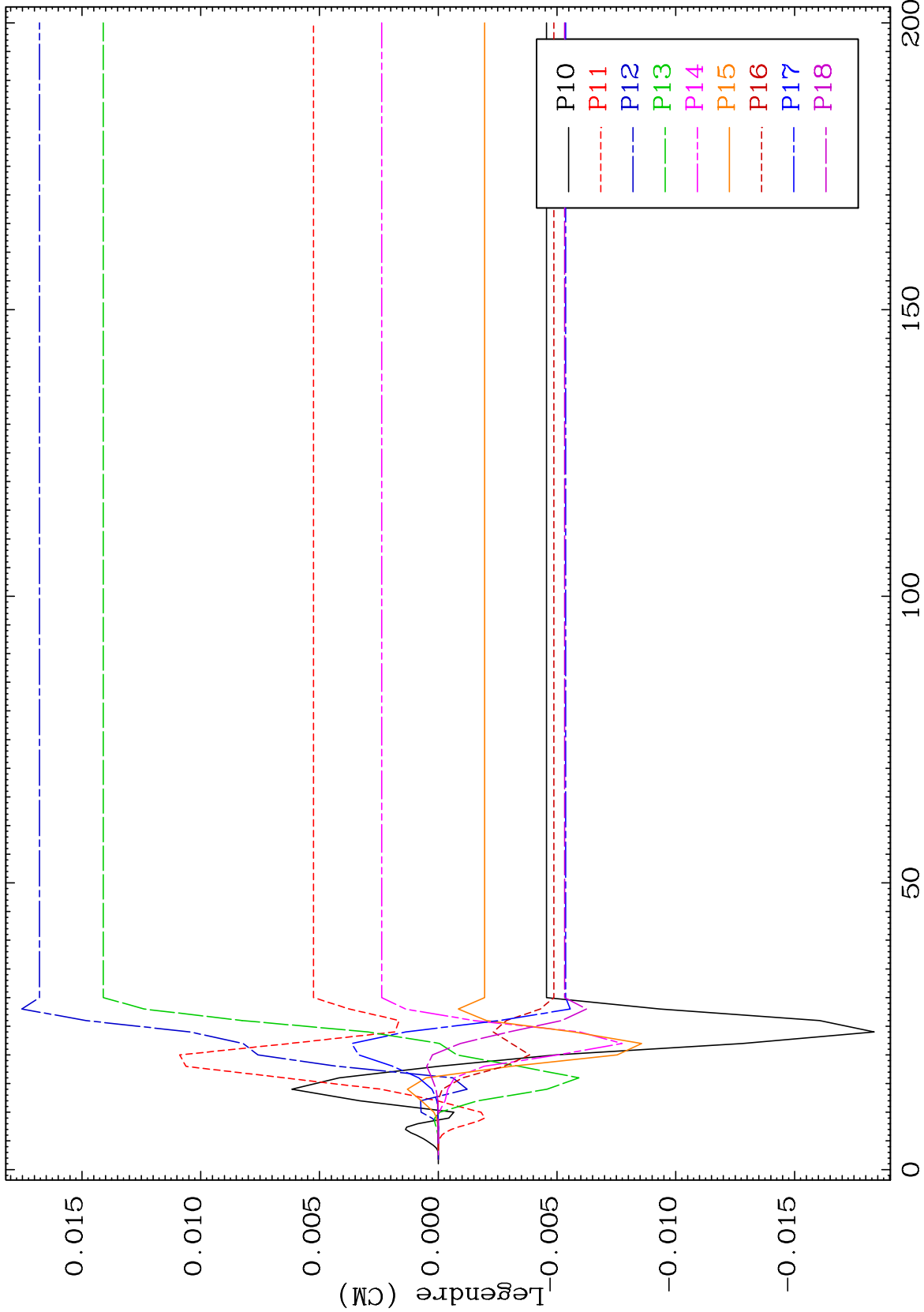
74-W -177

Legendre Coefficients



32

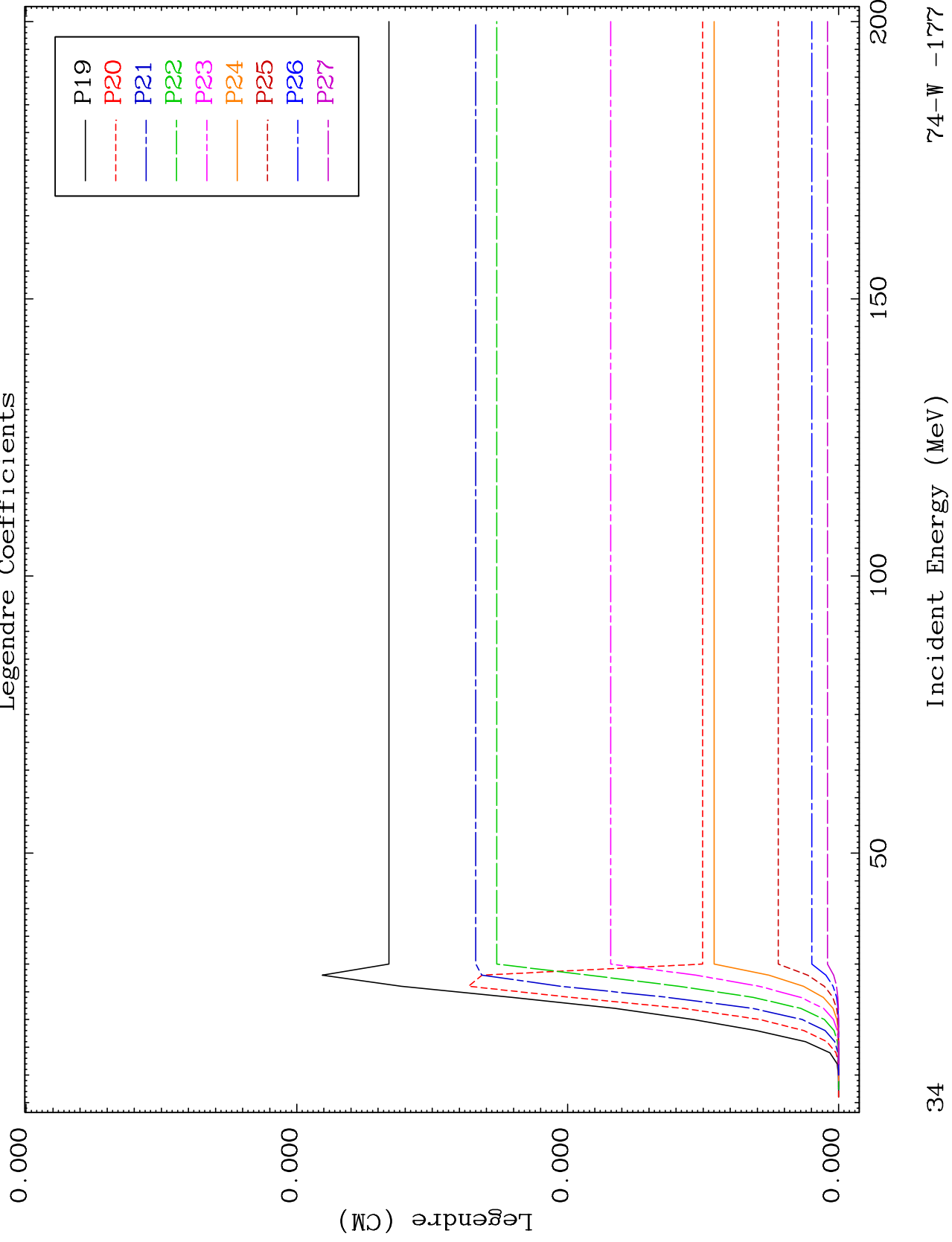
74-W -177



MAT 7416

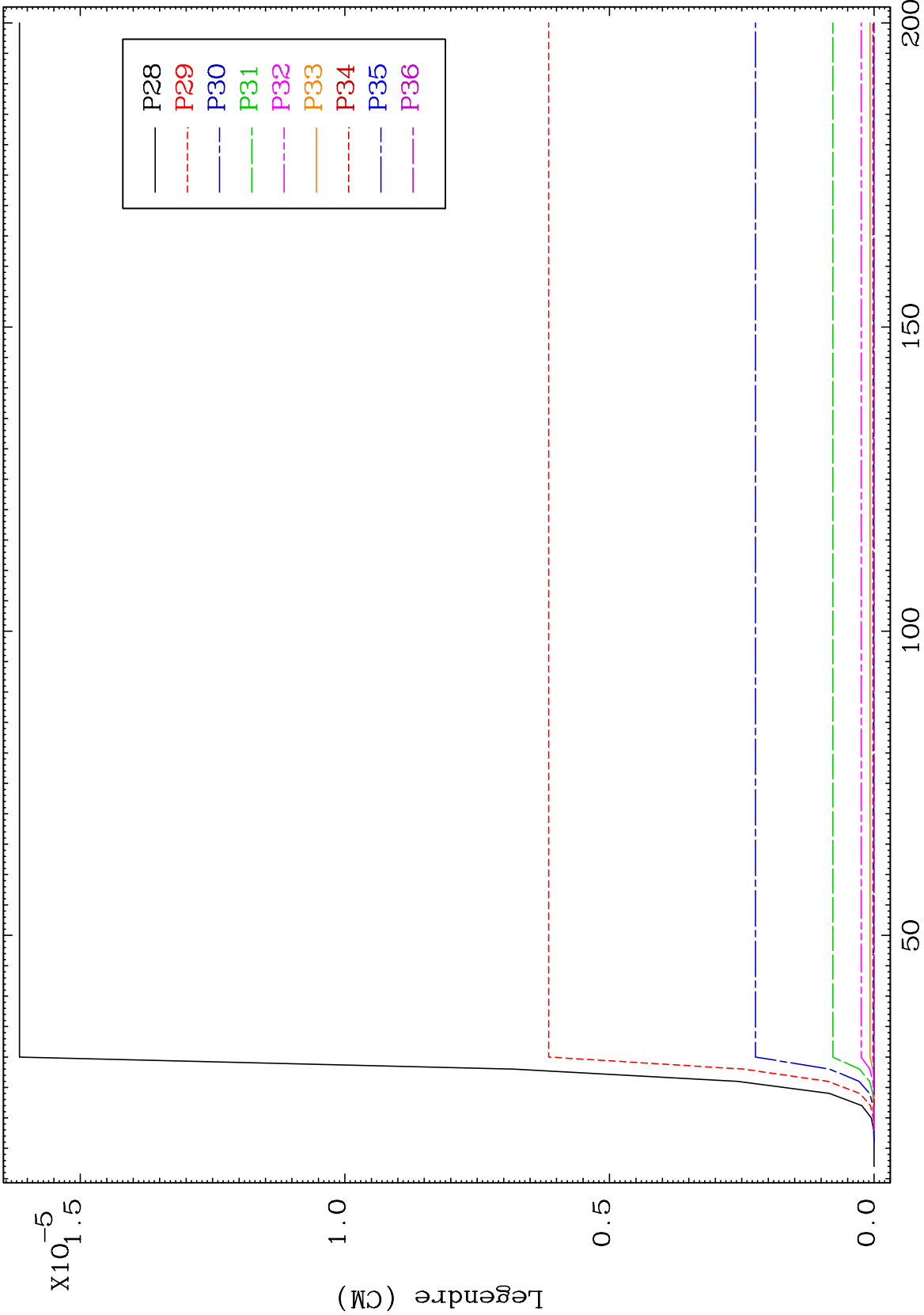
MT= 54 (n,n') Level  
Legendre Coefficients

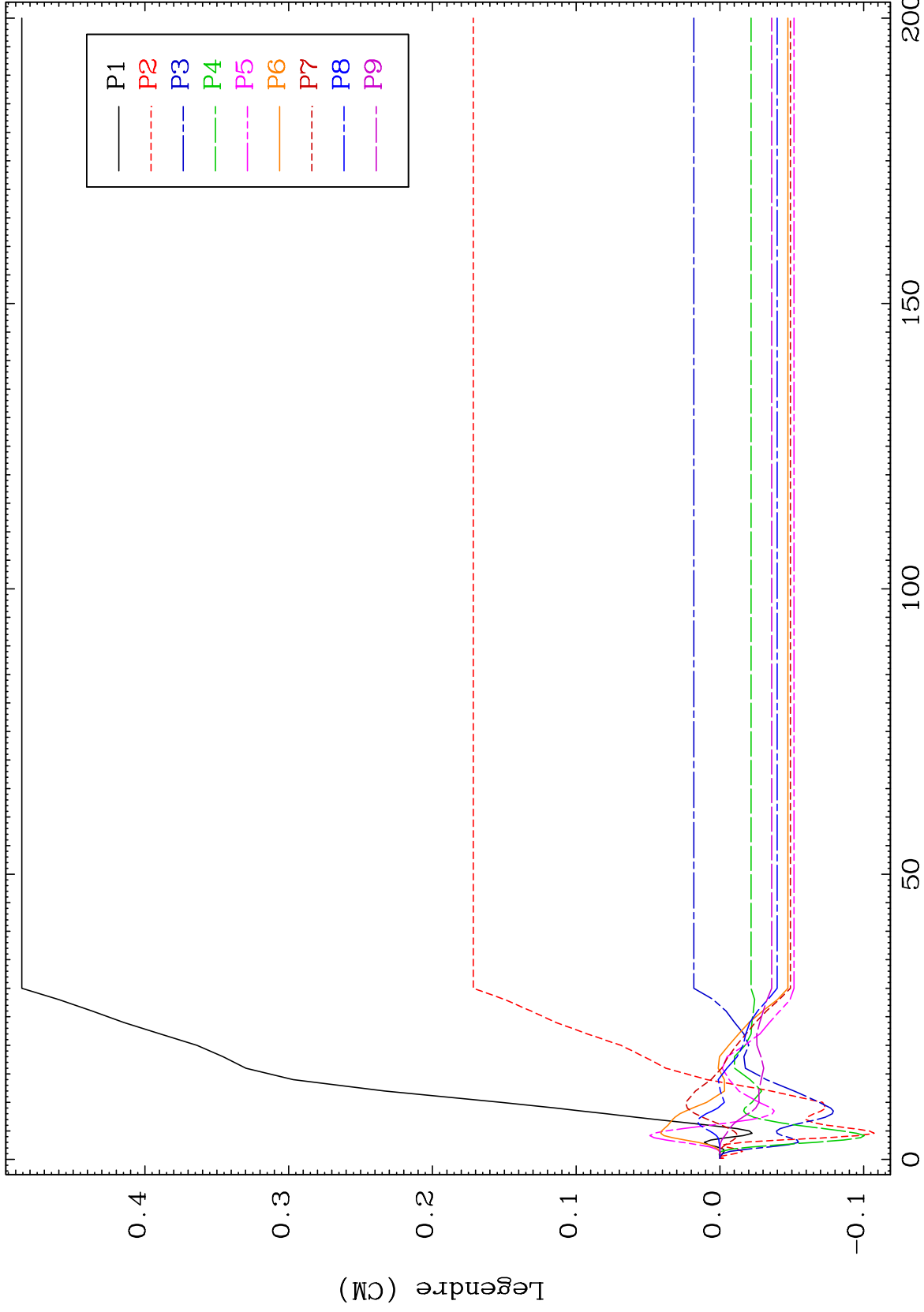
74-W -177



34

74-W -177

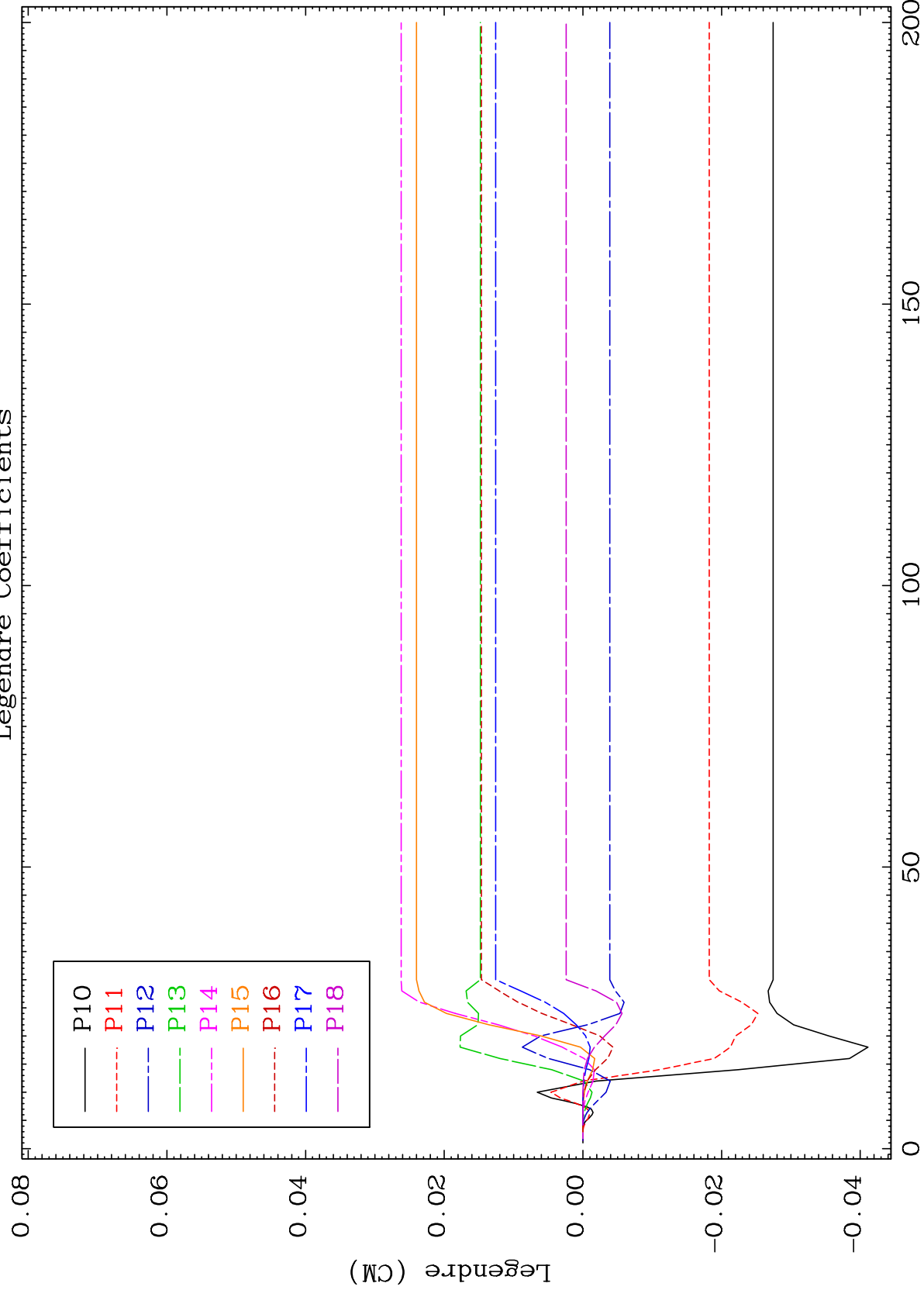




MAT 7416

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

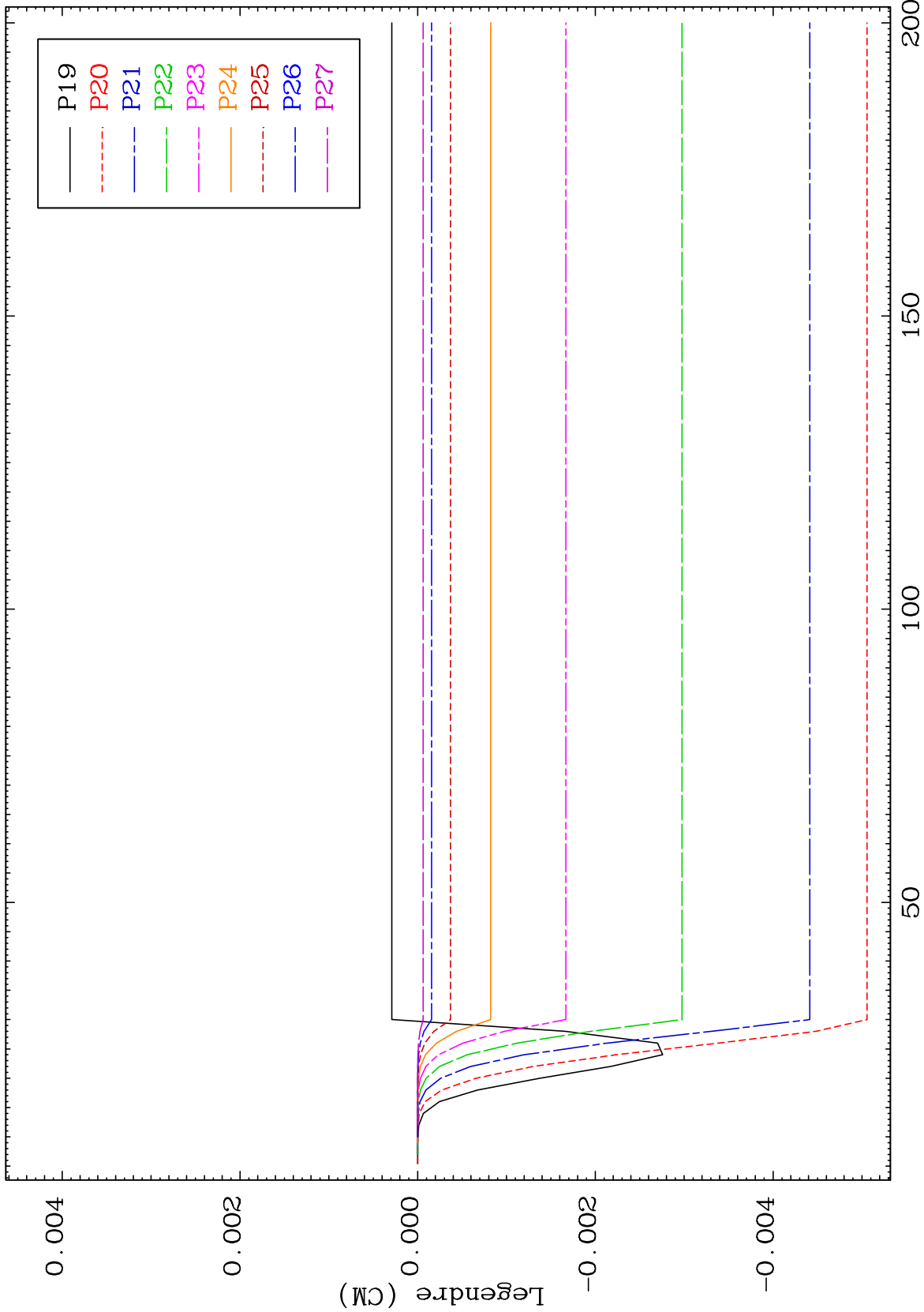
74-W -177

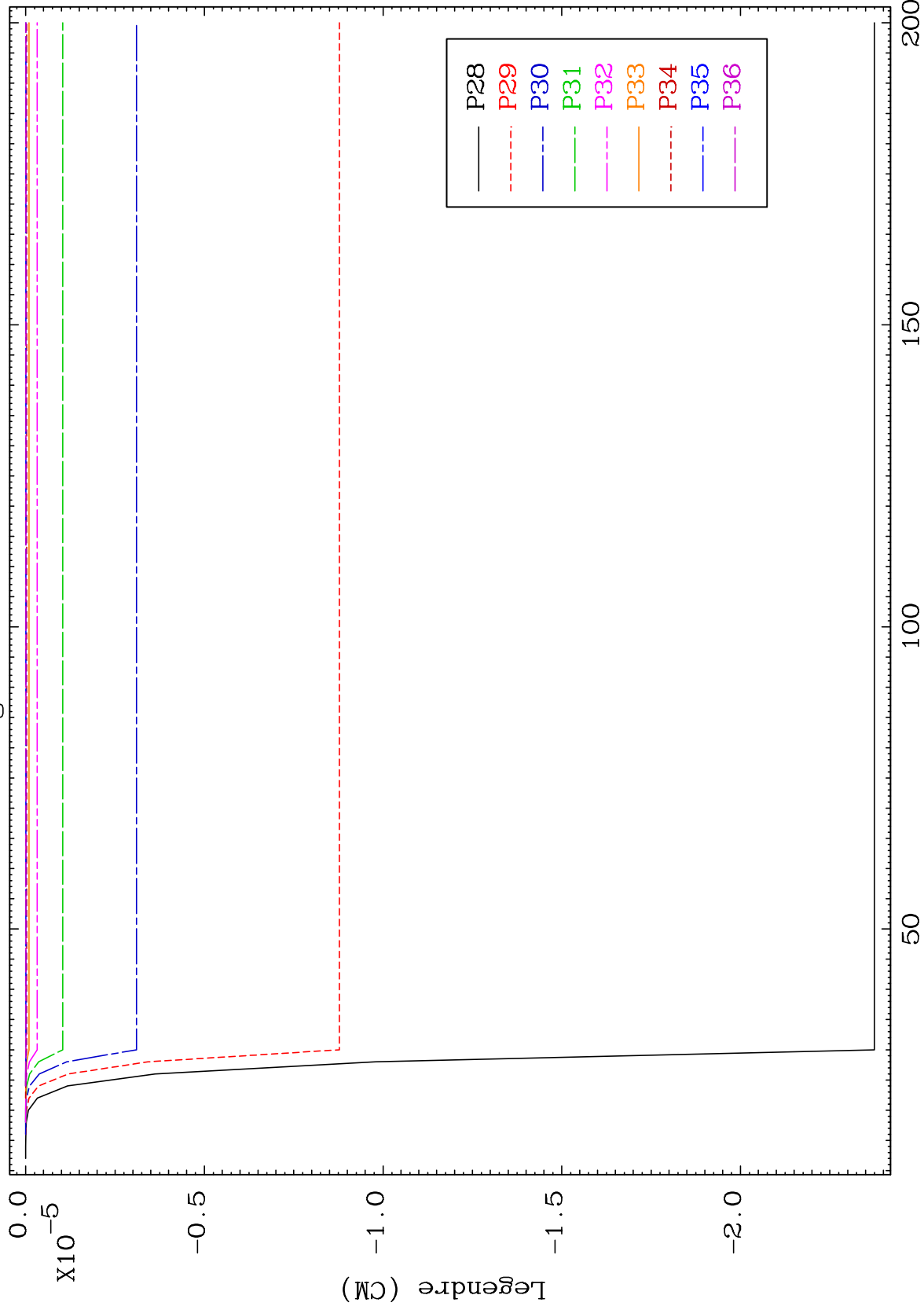


37

Incident Energy (MeV)

74-W -177



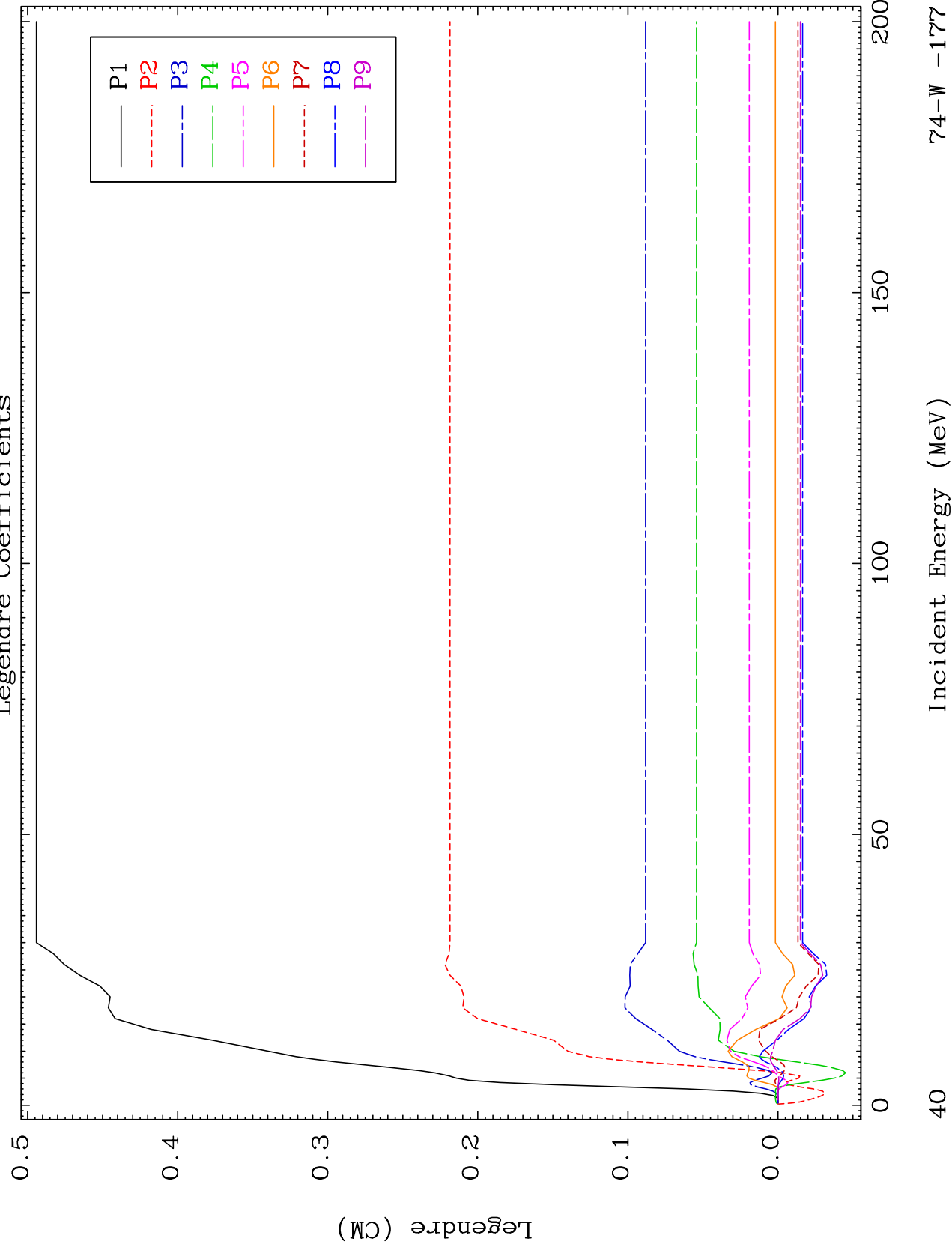




MAT 7416

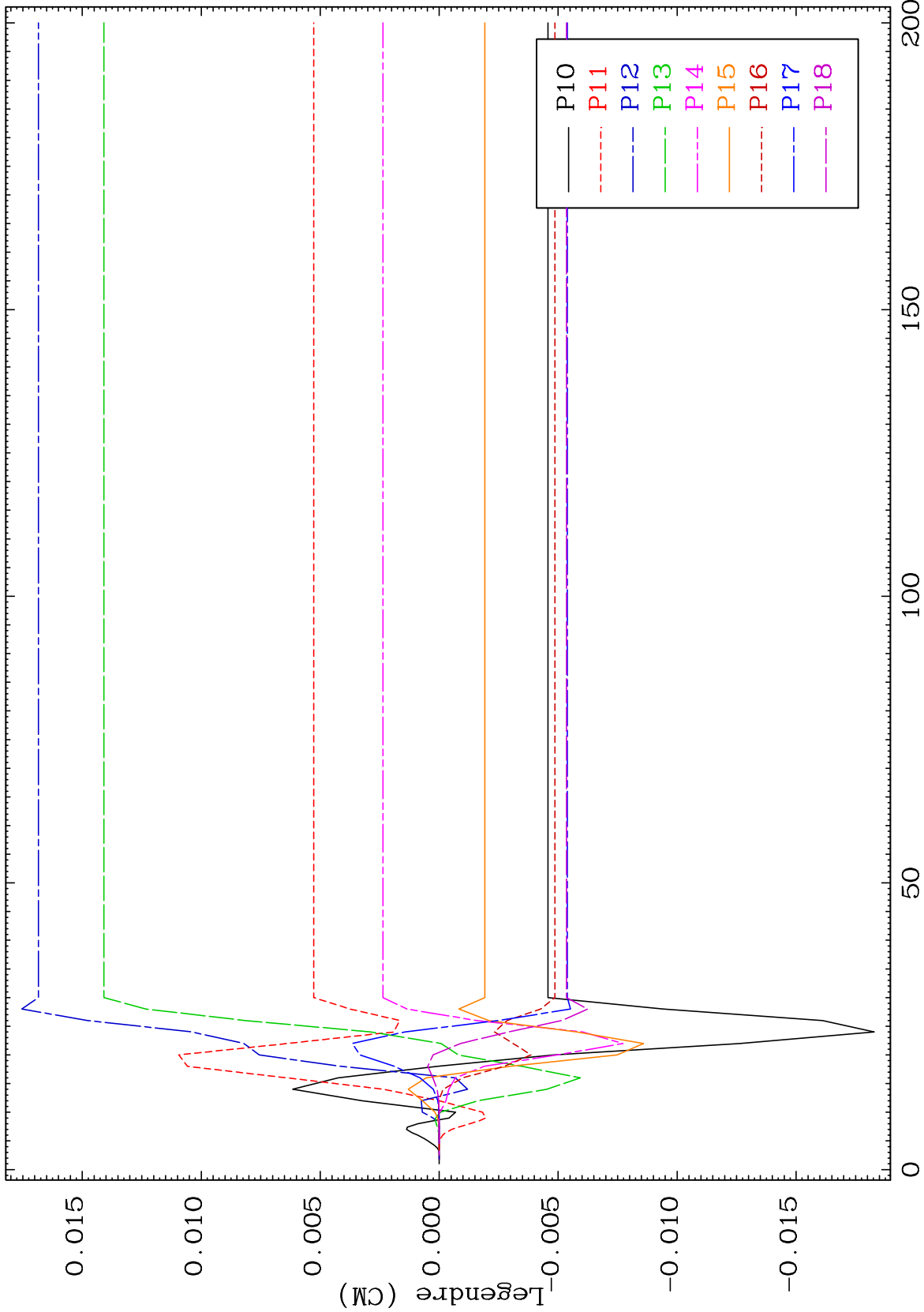
MT= 56 (n,n') Level  
Legendre Coefficients

74-W -177



74-W -177

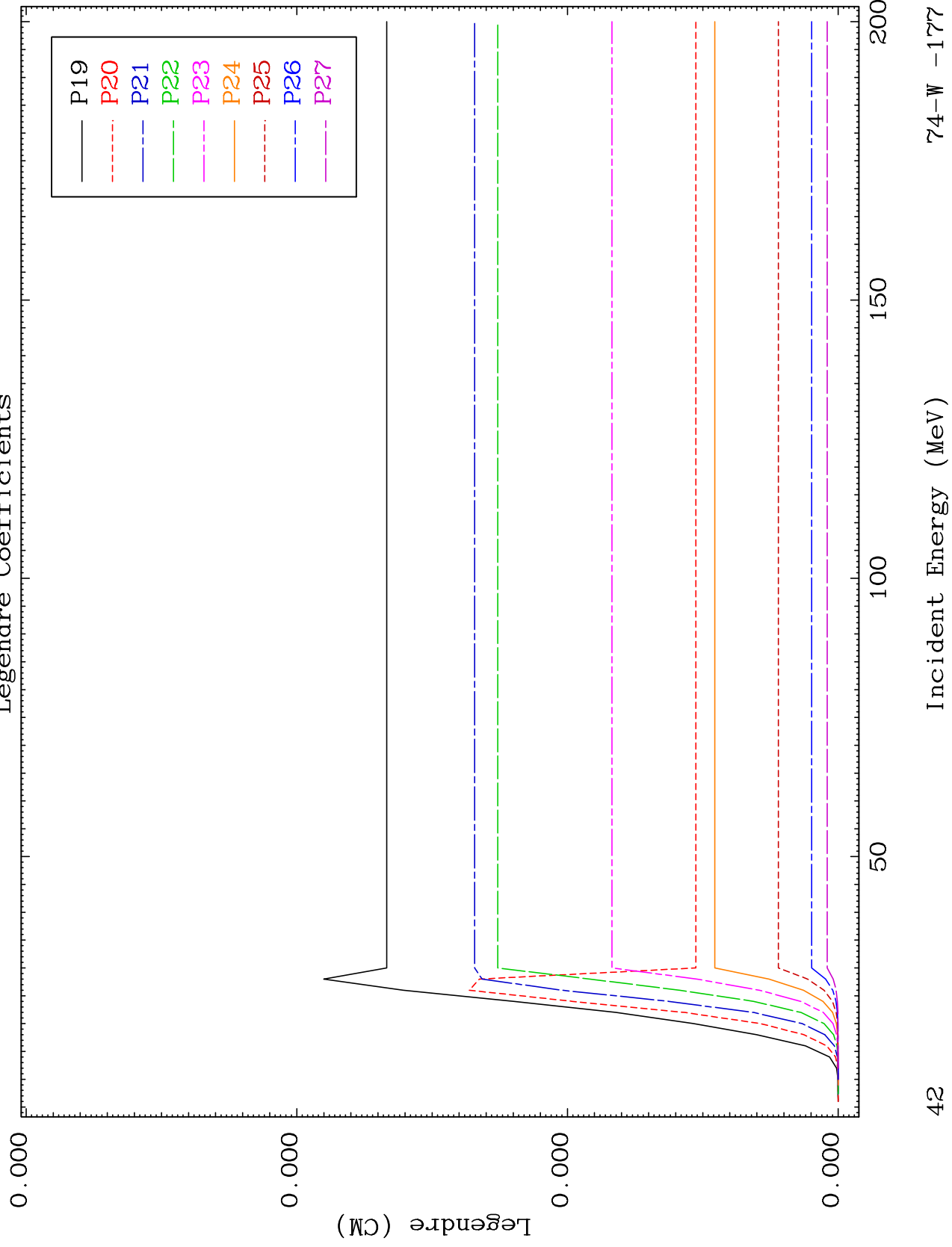
Incident Energy (MeV)



MAT 7416

MT= 56 (n,n') Level  
Legendre Coefficients

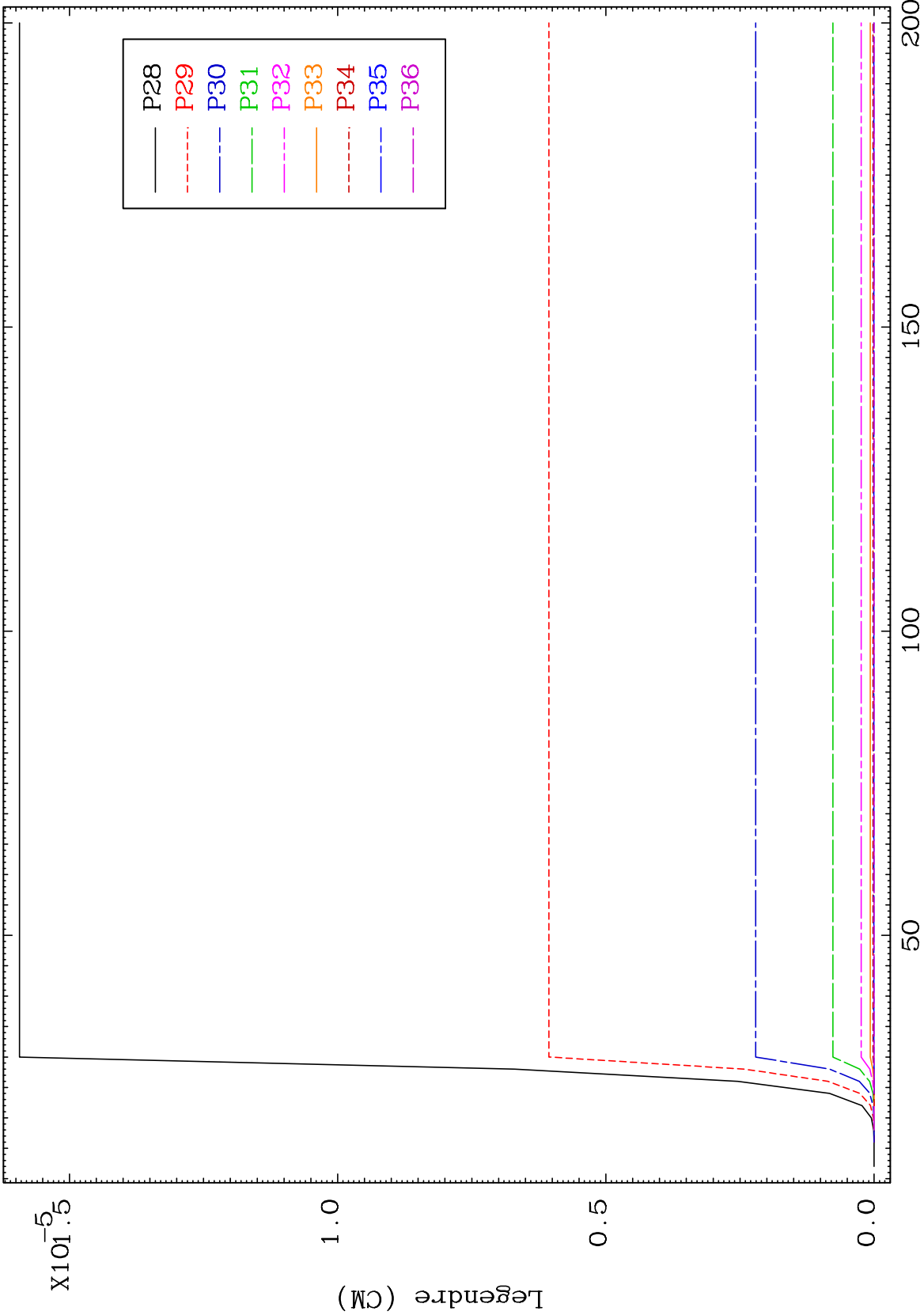
74-W -177



42

Incident Energy (MeV)

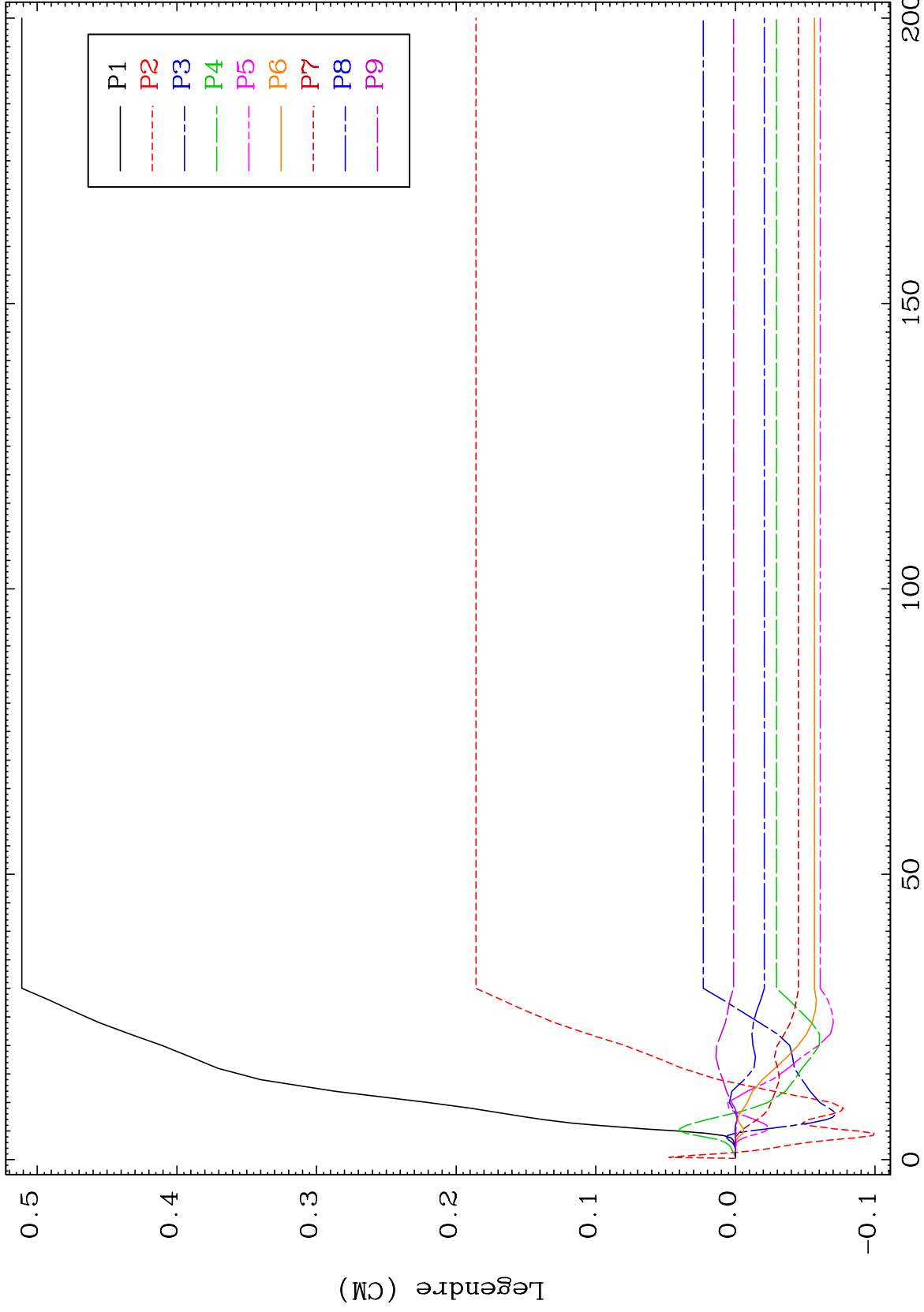
74-W -177



MAT 7416

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

74-W -177



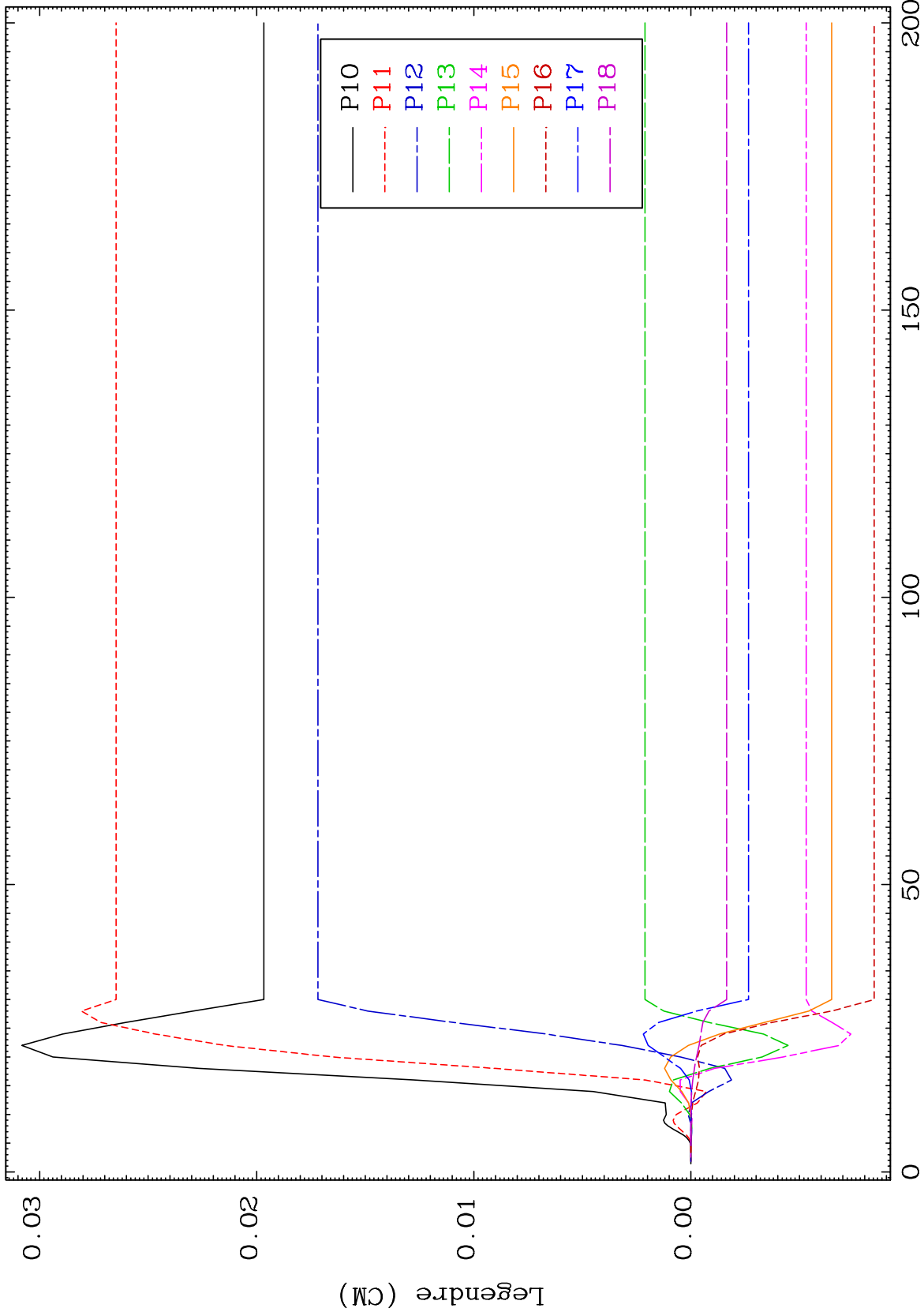
44

74-W -177

MAT 7416

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

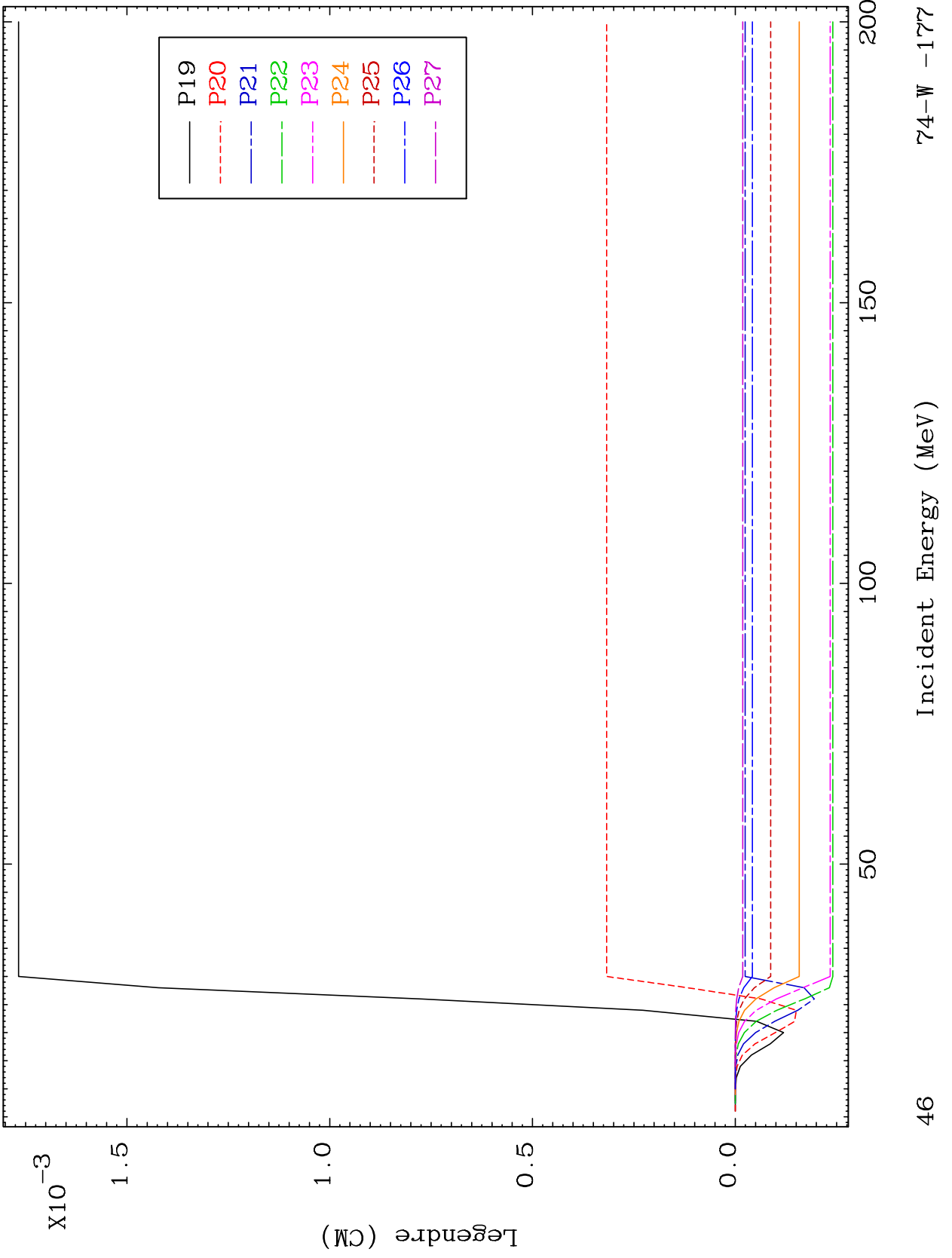
74-W -177



74-W -177

Incident Energy (MeV)

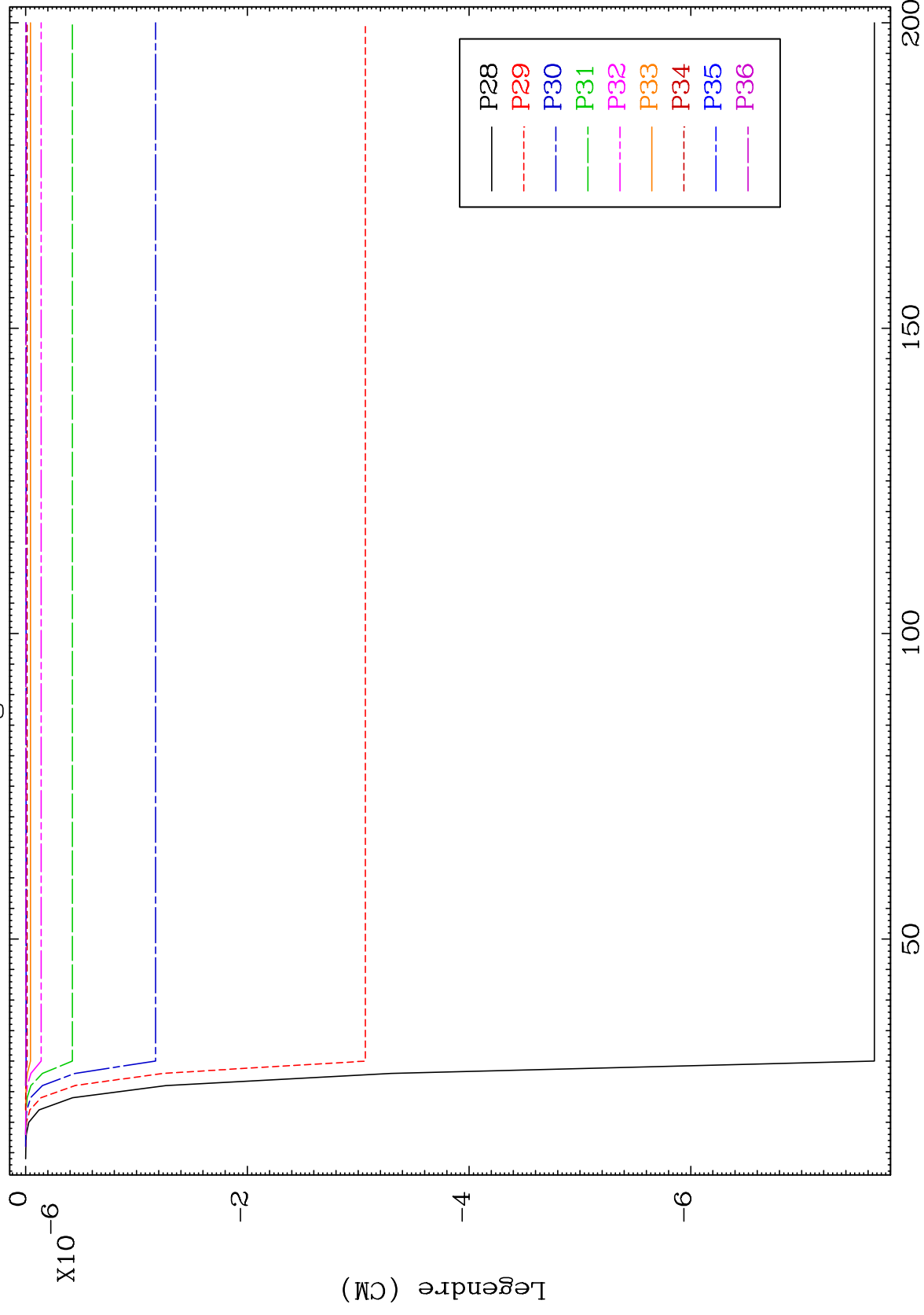
45



MAT 7416

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

74-W -177



47

Incident Energy (MeV)

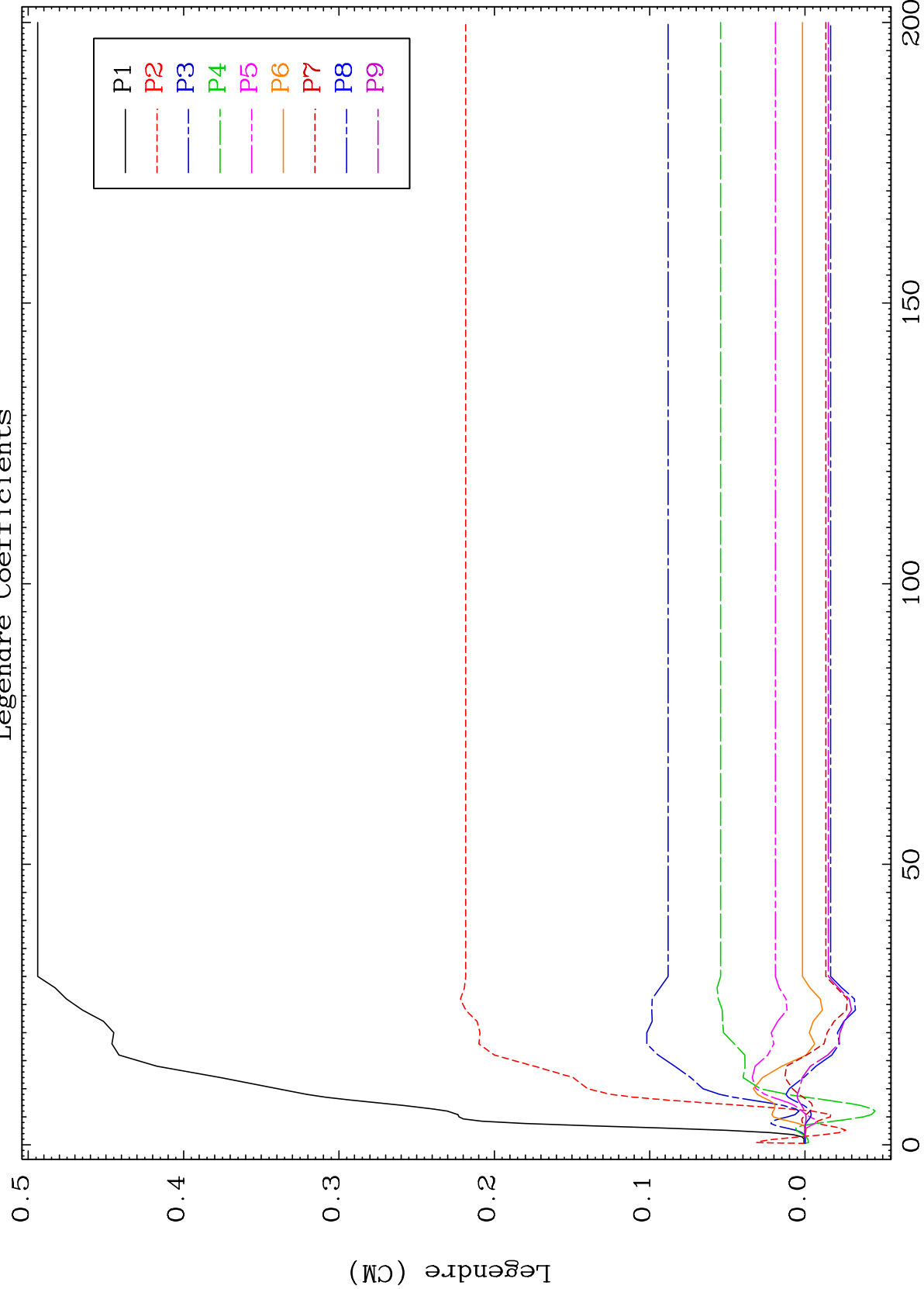
74-W -177



MAT 7416

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

74-W -177



48

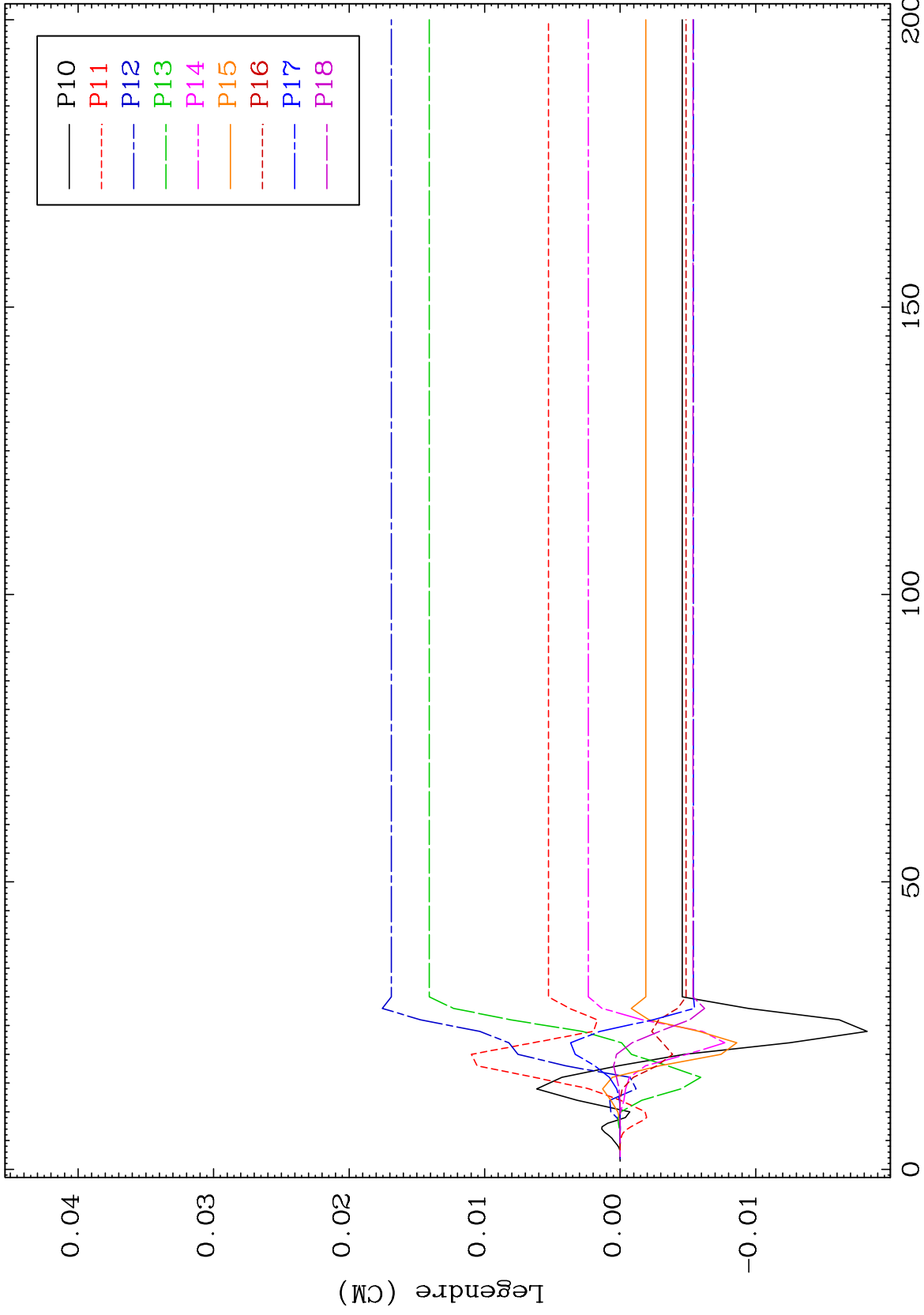
Incident Energy (MeV)

74-W -177

MAT 7416

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

74-W -177



49

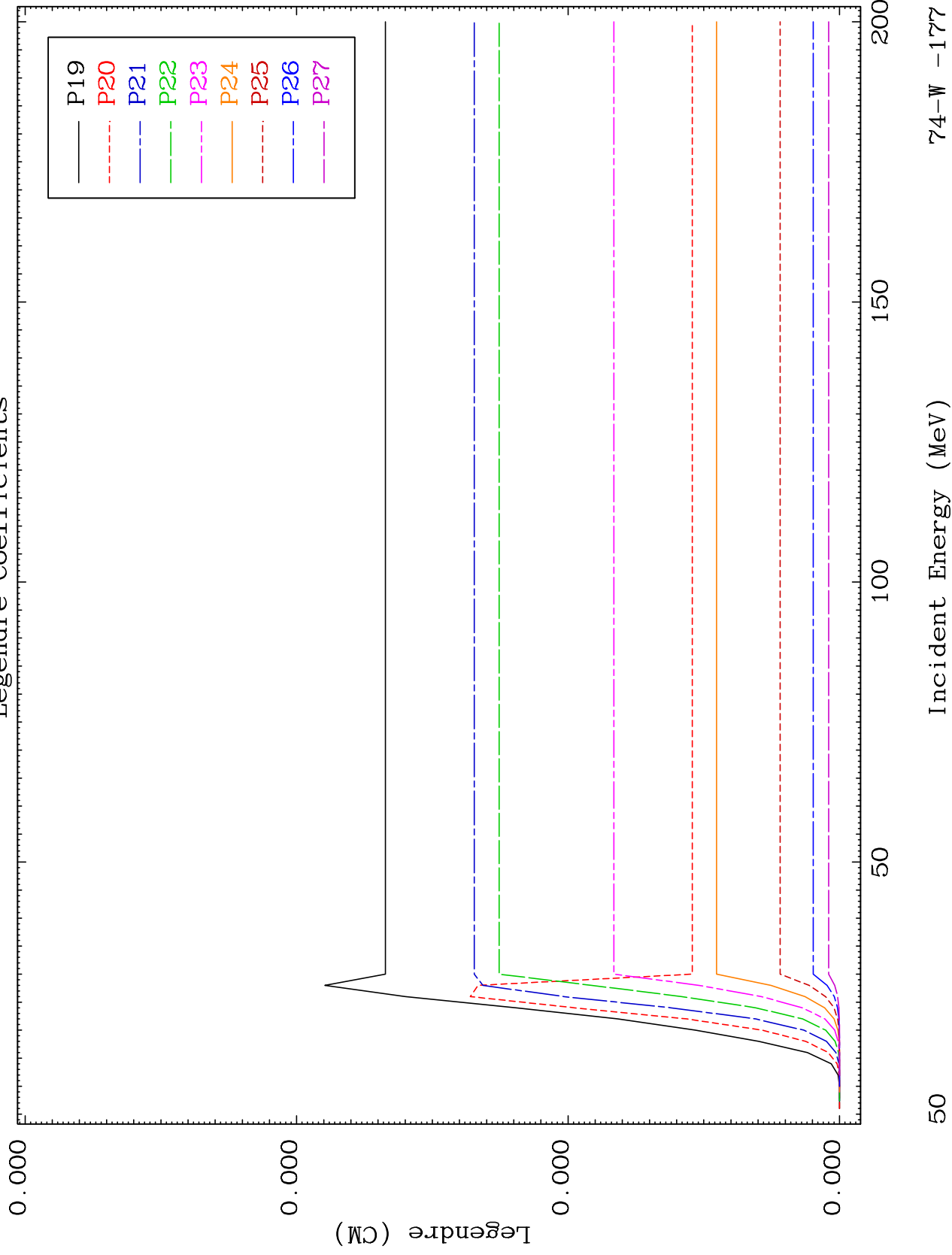
Incident Energy (MeV)

74-W -177

MAT 7416

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

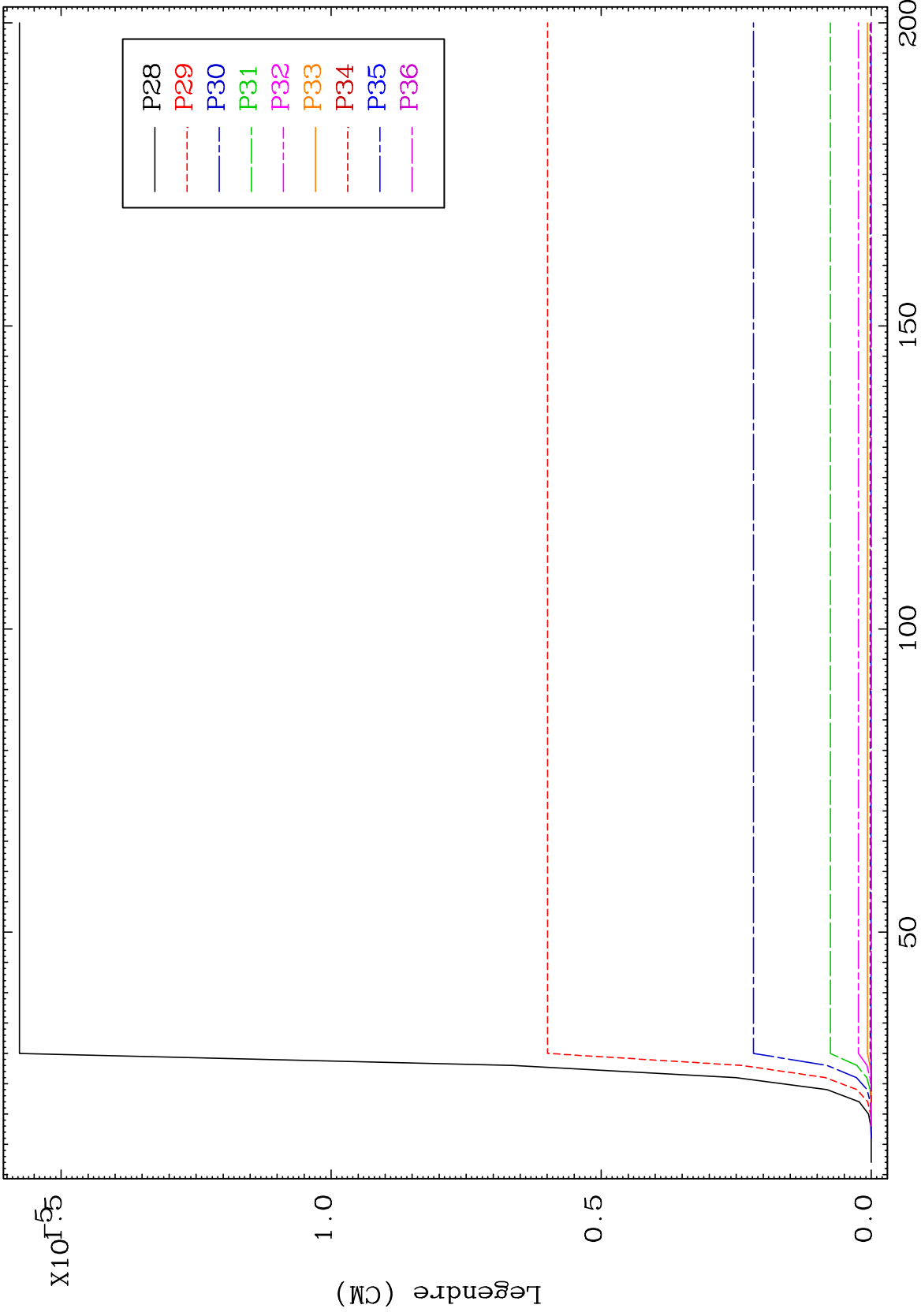
74-W -177



74-W -177

Incident Energy (MeV)

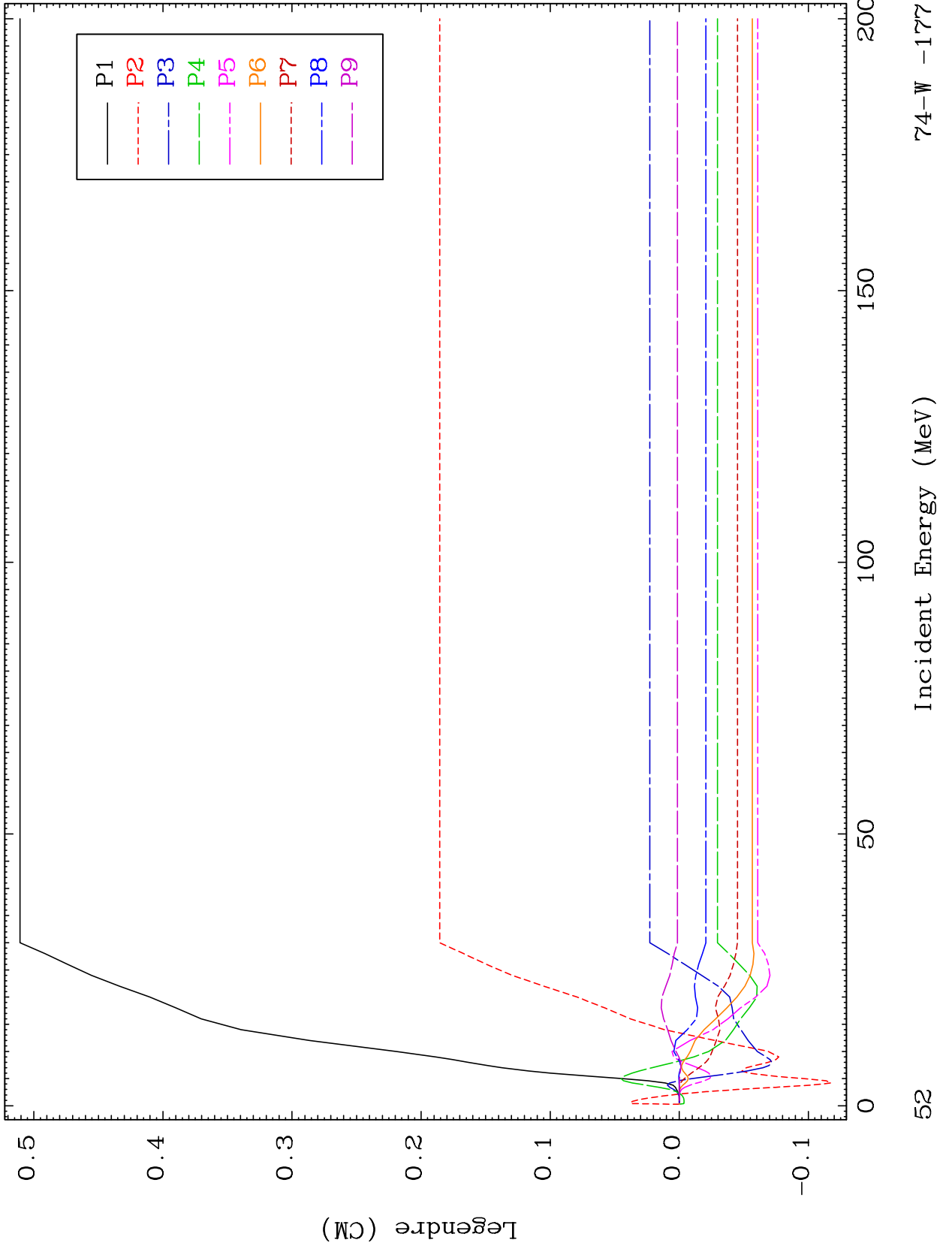
50



MAT 7416

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

74-W -177

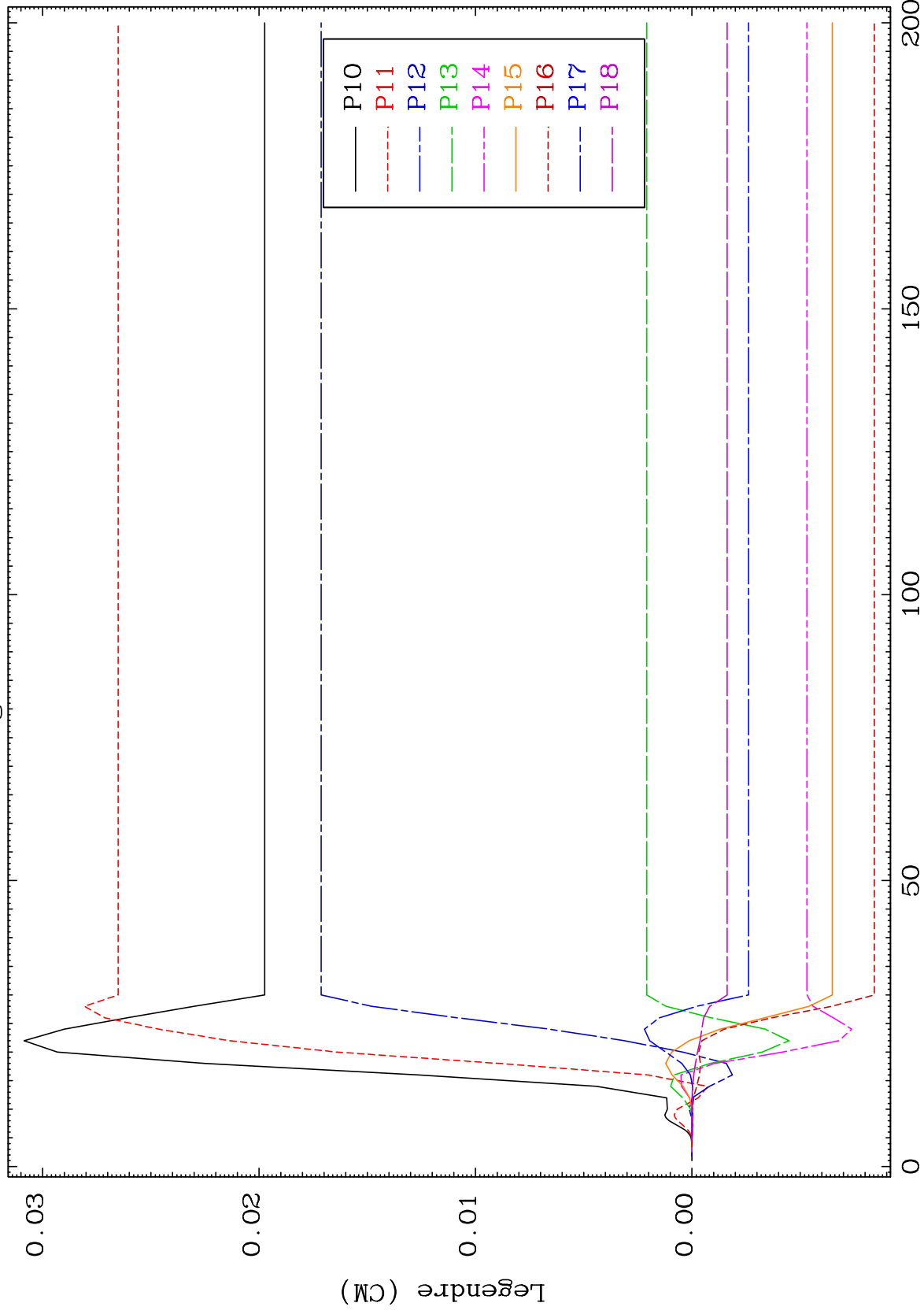


52

MAT 7416

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

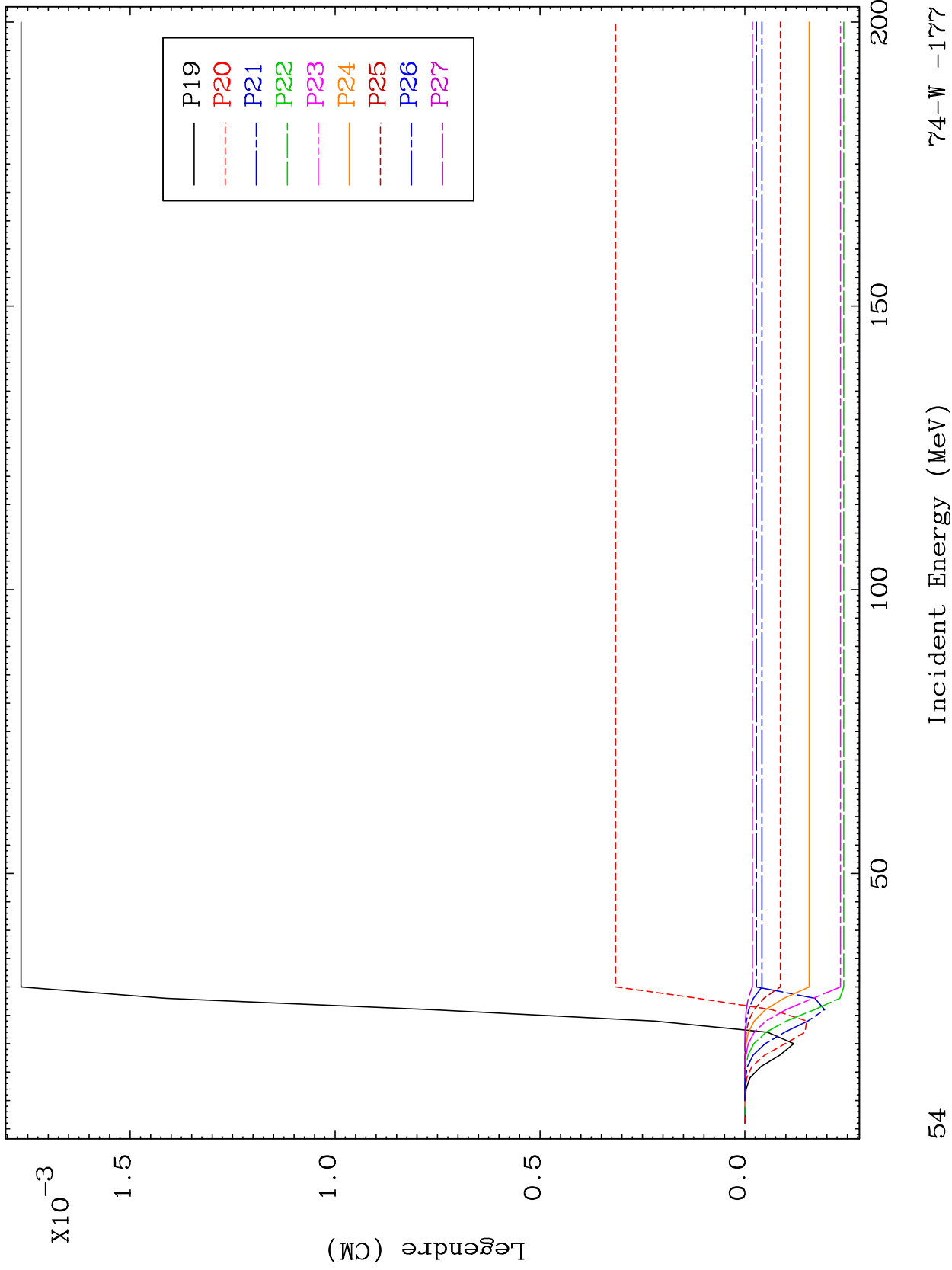
74-W -177



53

Incident Energy (MeV)

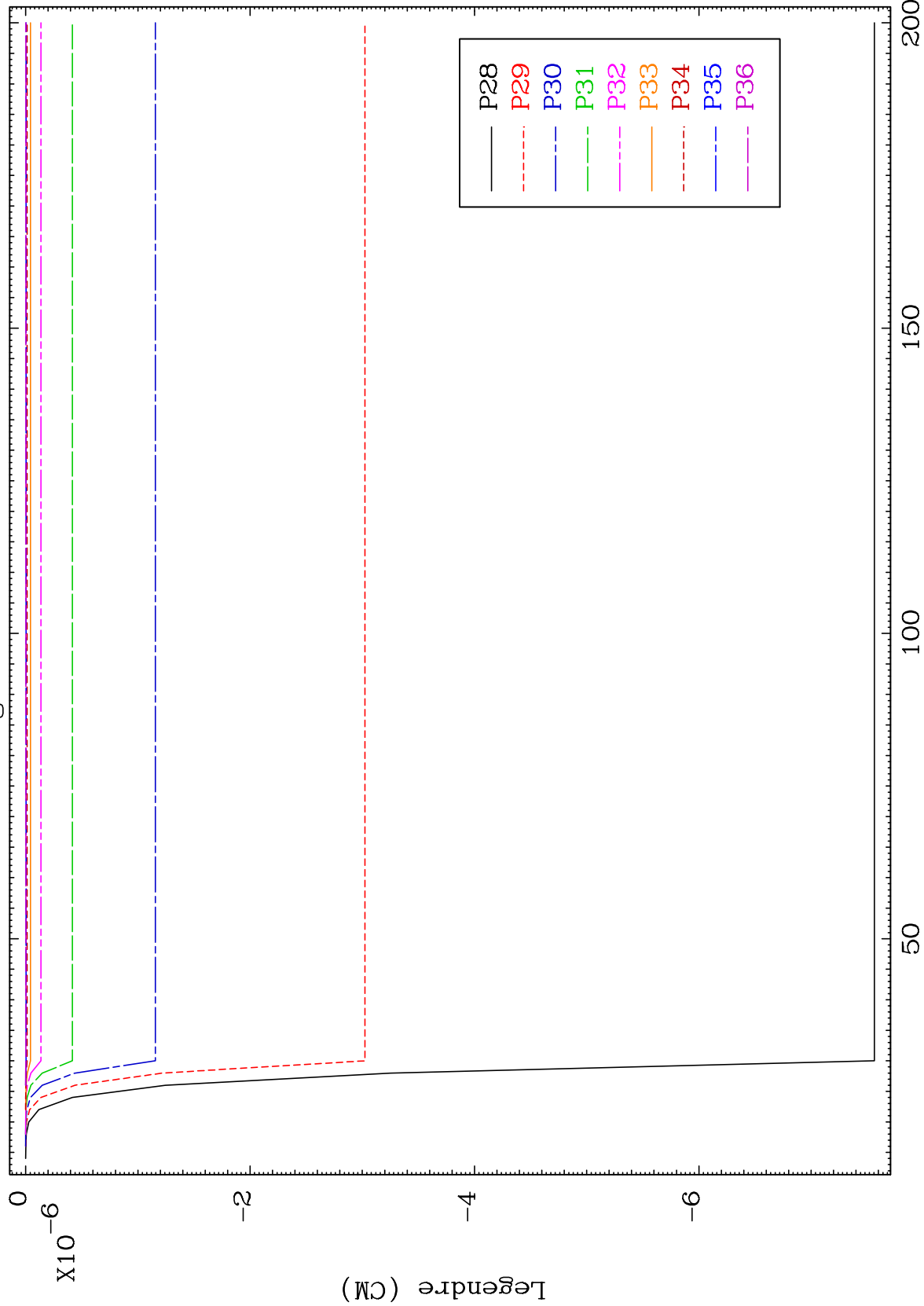
74-W -177



MAT 7416

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

74-W -177



55

Incident Energy (MeV)

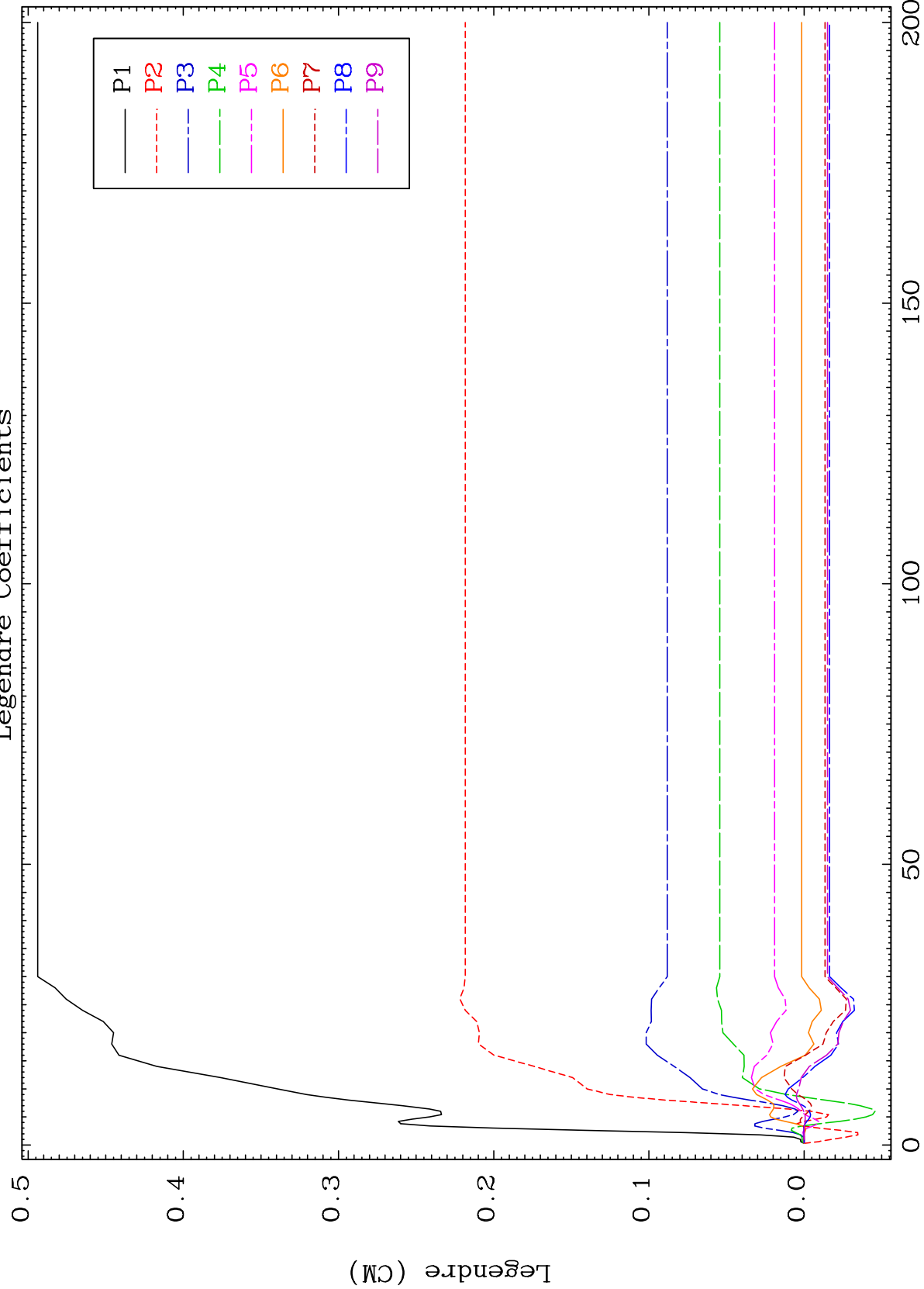
74-W -177



MAT 7416

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

74-W -177



74-W -177

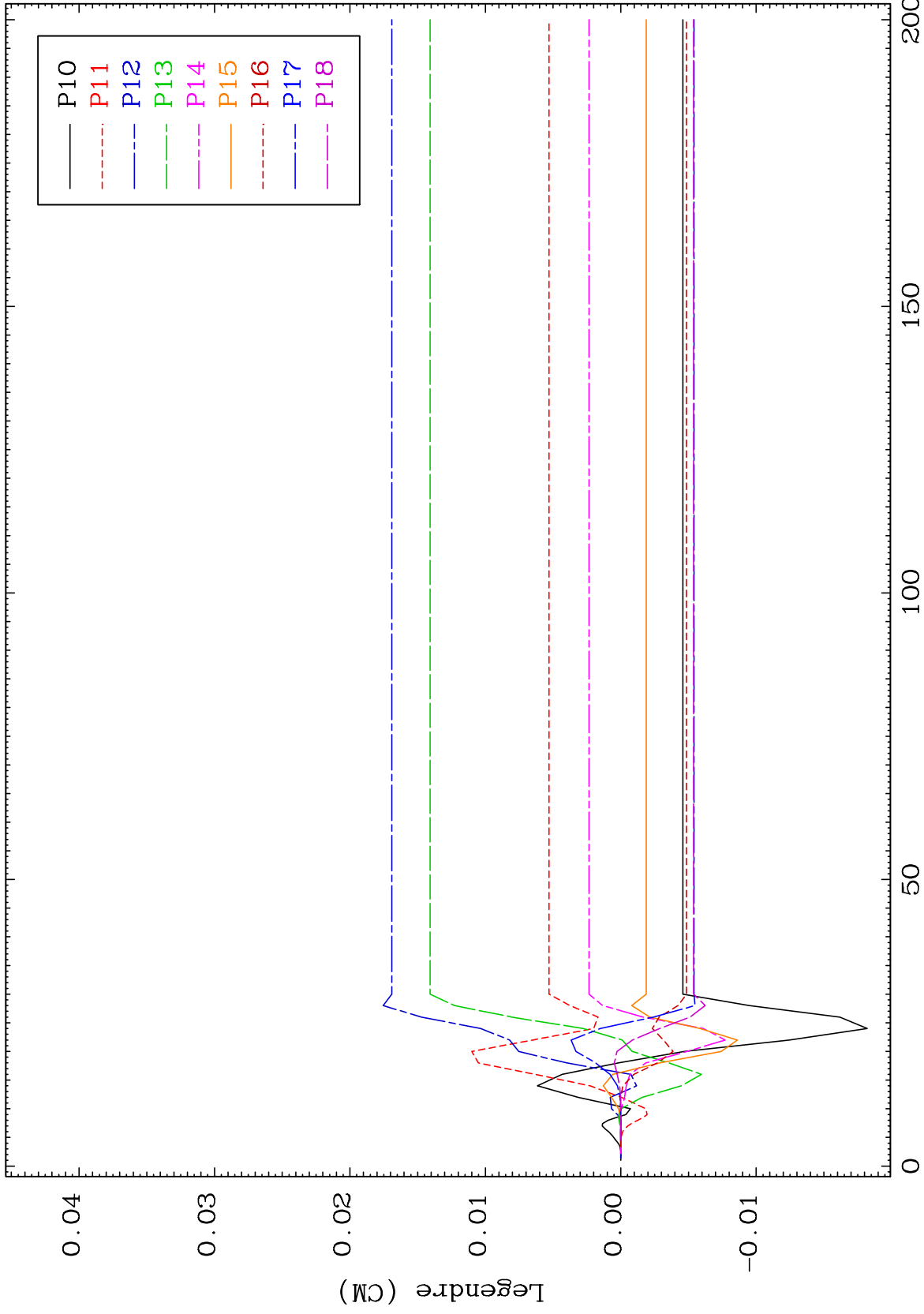
Incident Energy (MeV)

56

MAT 7416

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

74-W -177



57

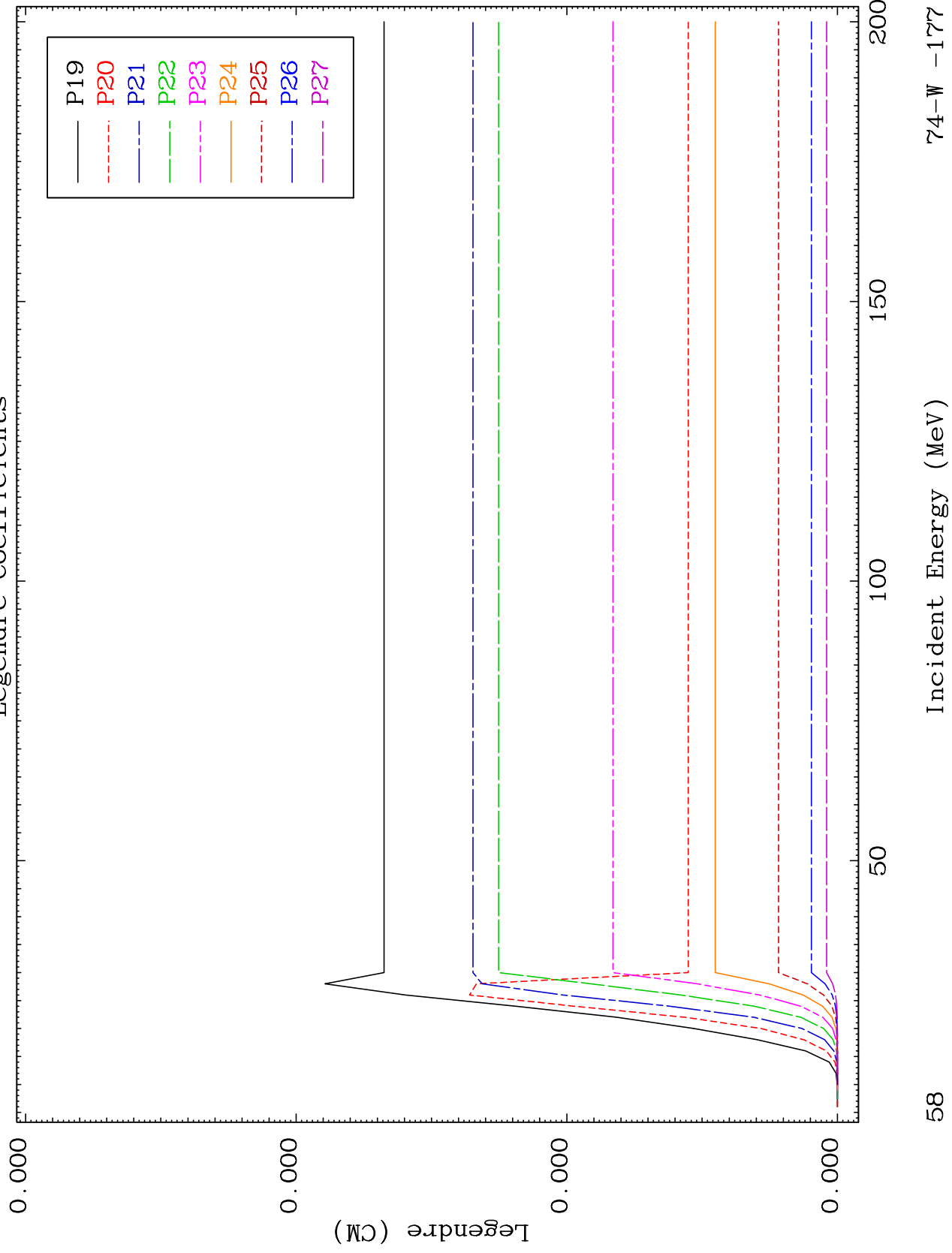
Incident Energy (MeV)

74-W -177

MAT 7416

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

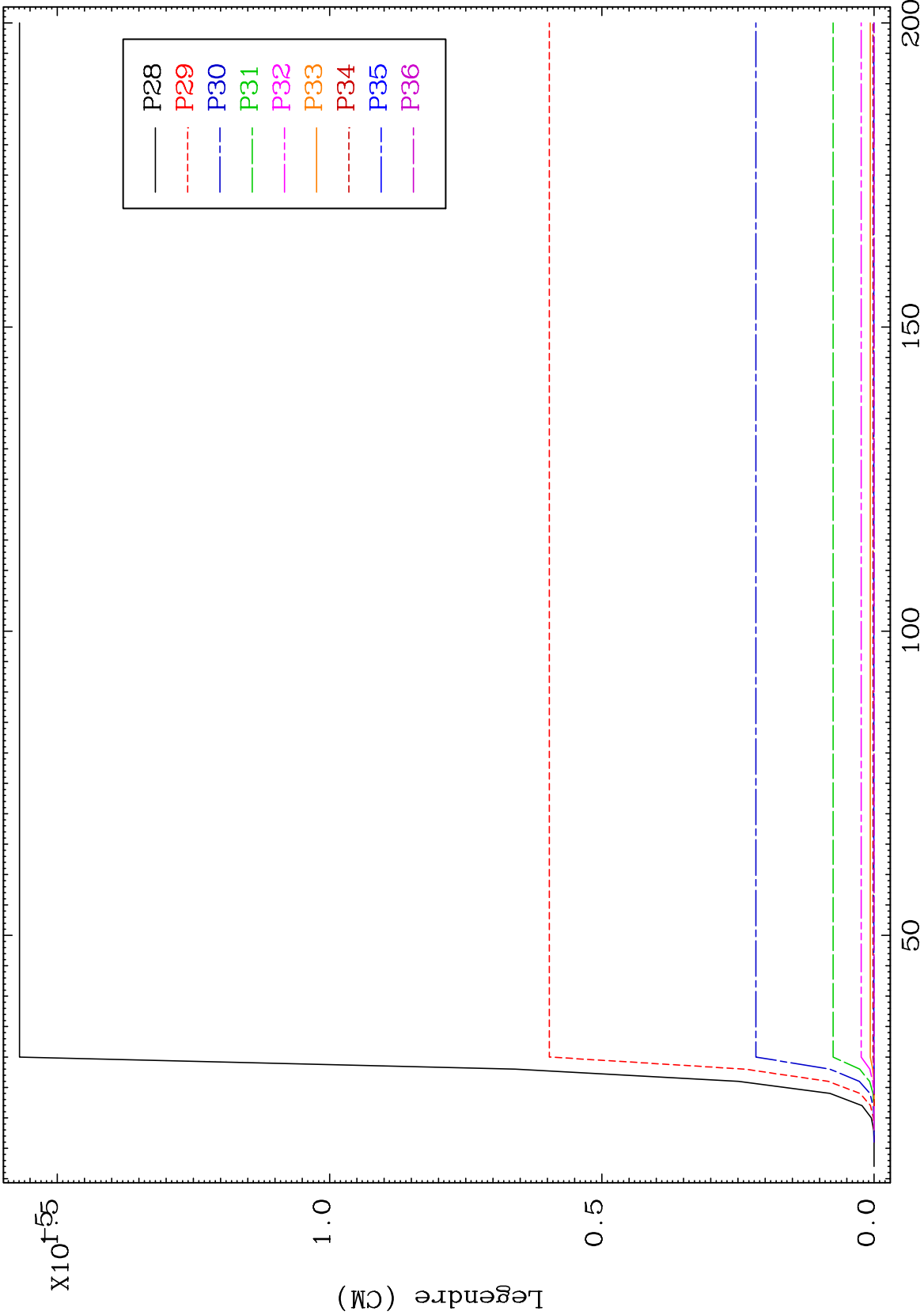
74-W -177



58

Incident Energy (MeV)

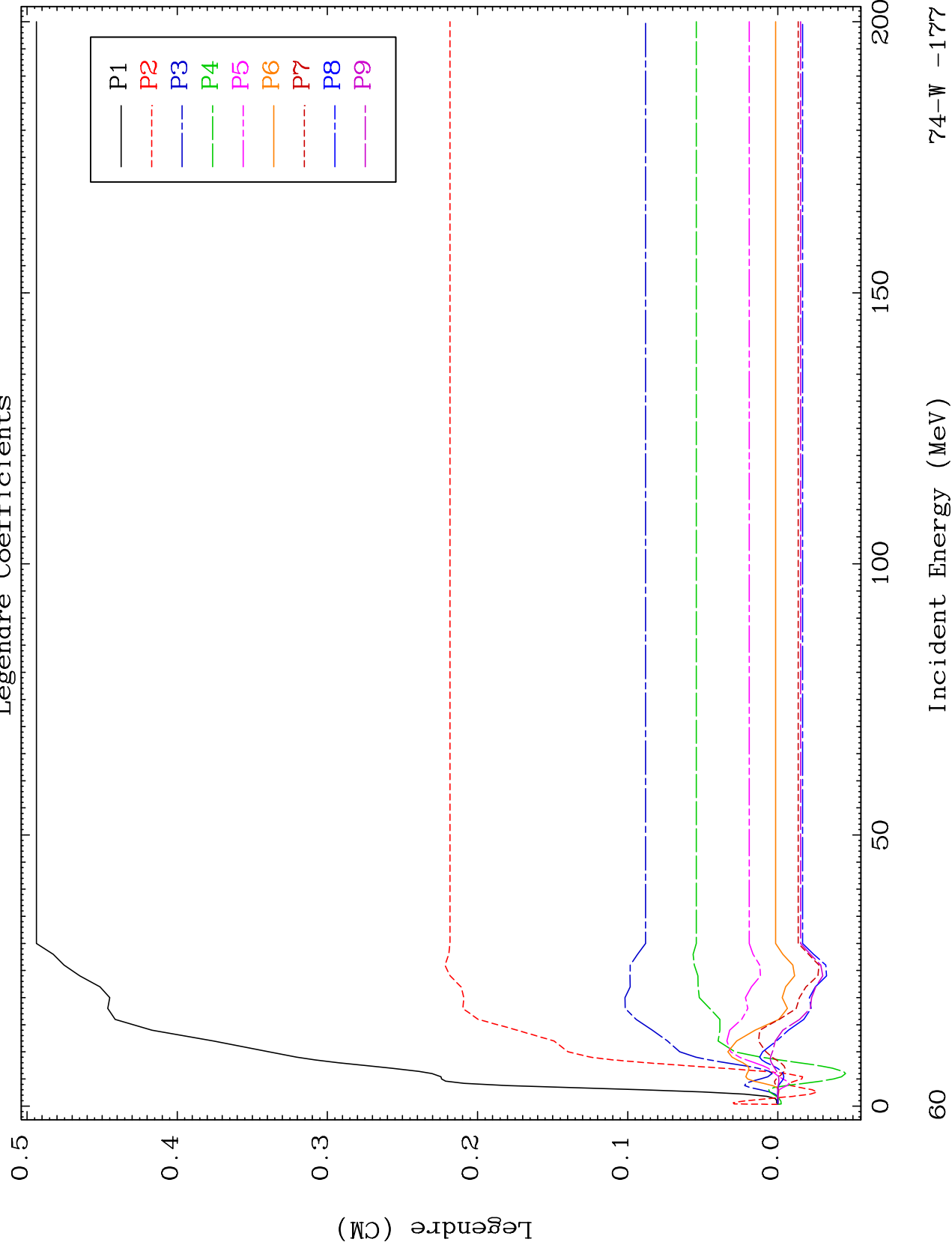
74-W -177



MAT 7416

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

74-W -177



74-W -177

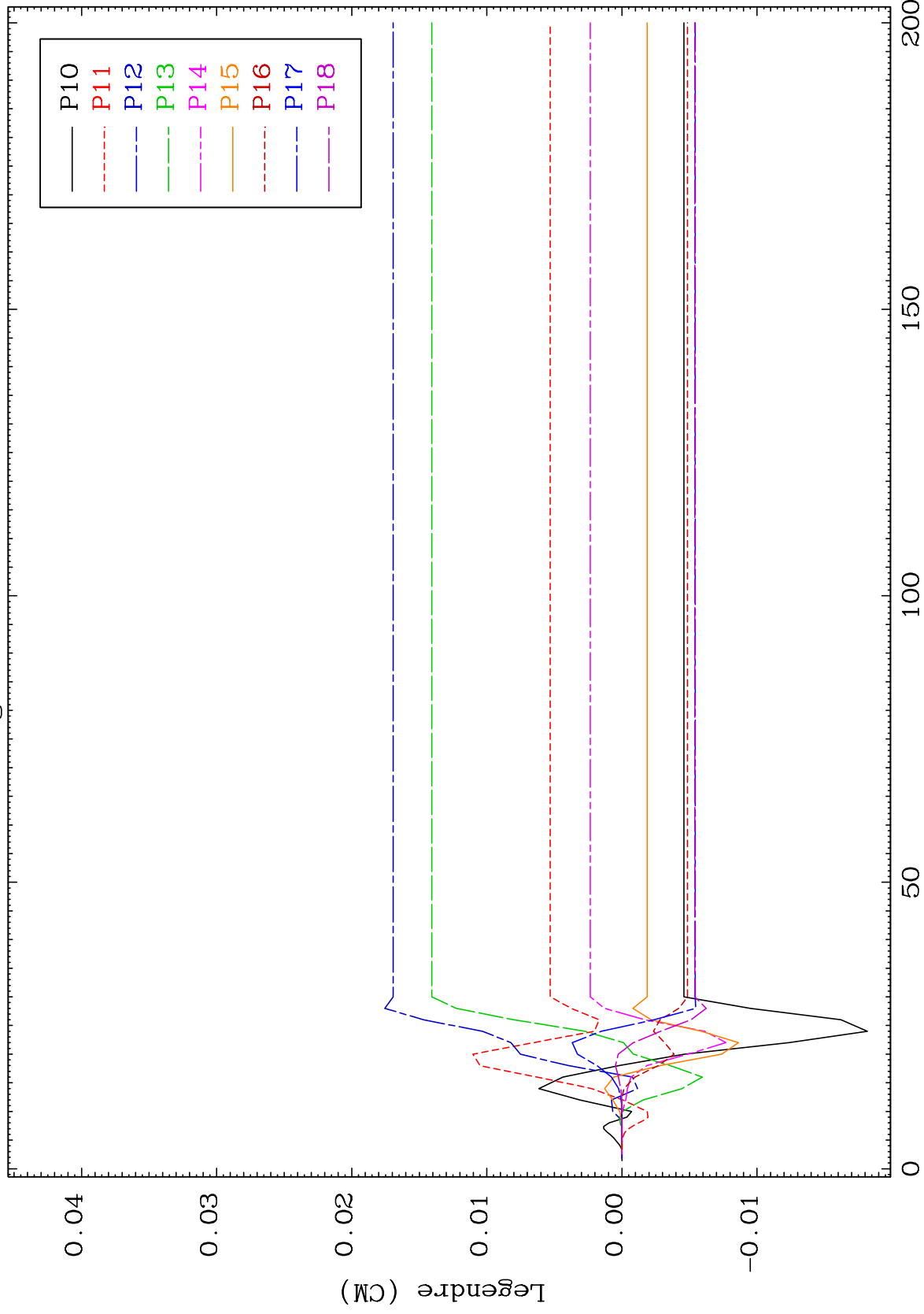
Incident Energy (MeV)

60

MAT 7416

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

74-W -177



61

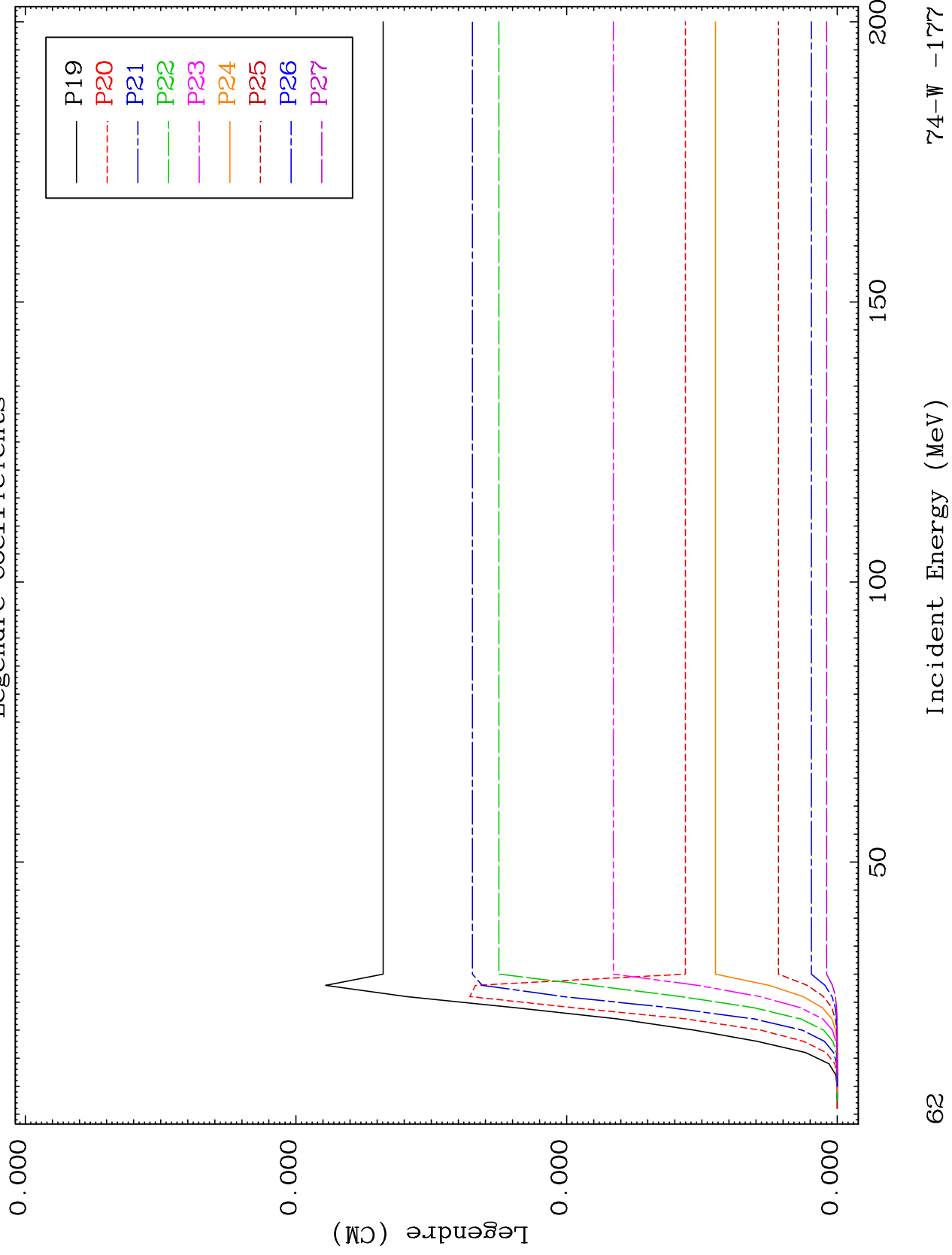
Incident Energy (MeV)

74-W -177

MAT 7416

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

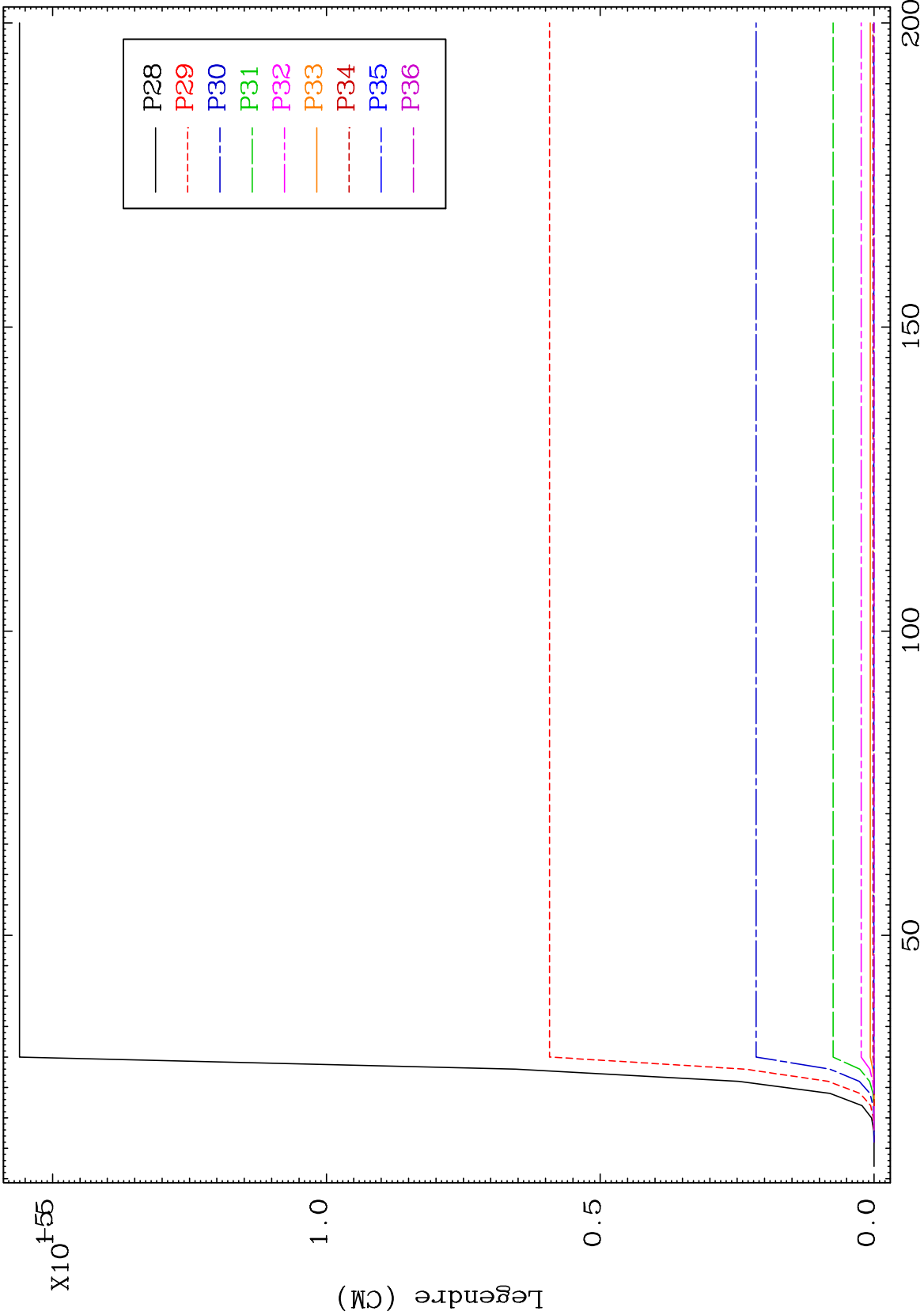
74-W -177



62

Incident Energy (MeV)

74-W -177



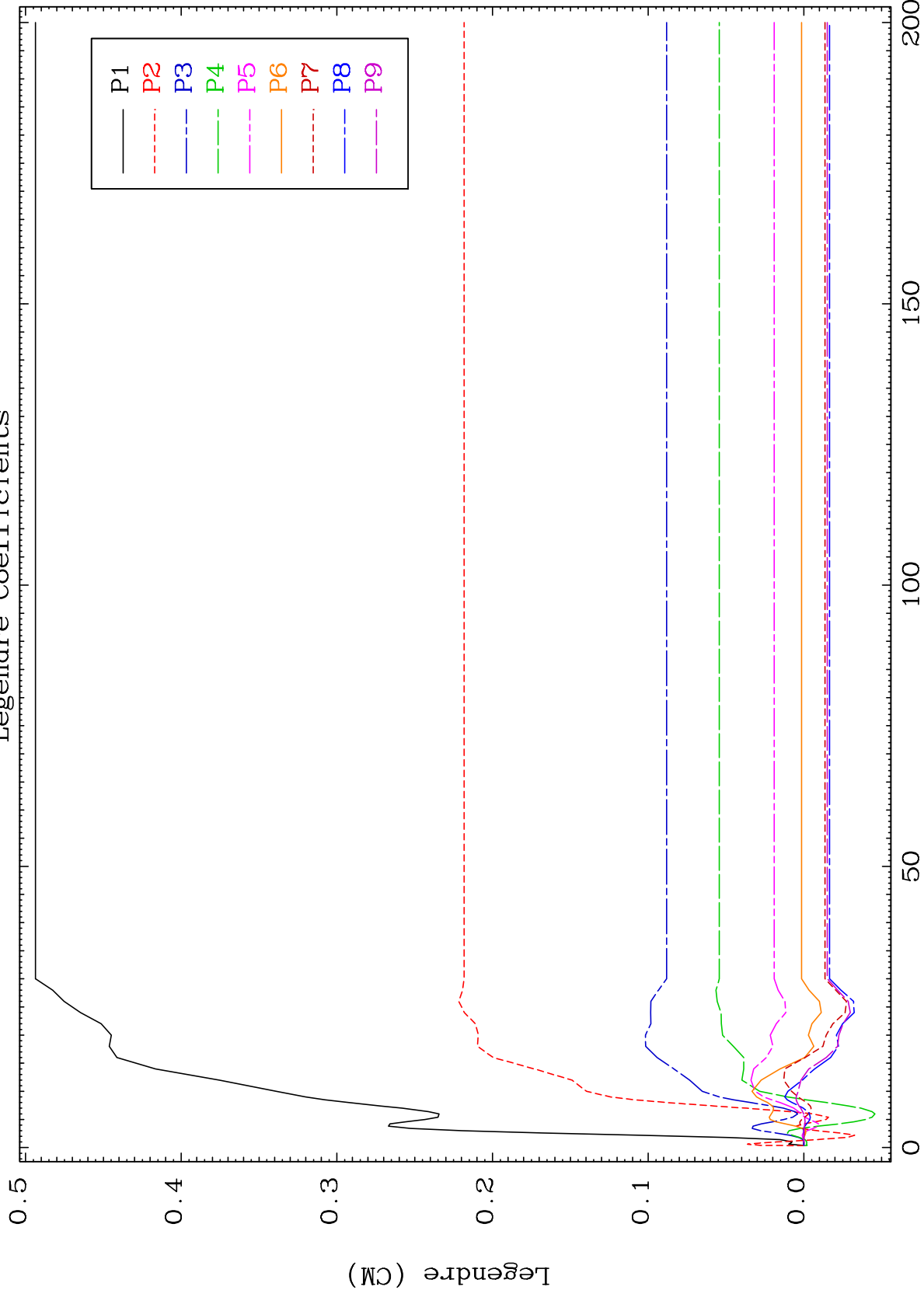


MAT 7416

MT= 62 (n,n') Level

74-W -177

Legendre Coefficients



Incident Energy (MeV)

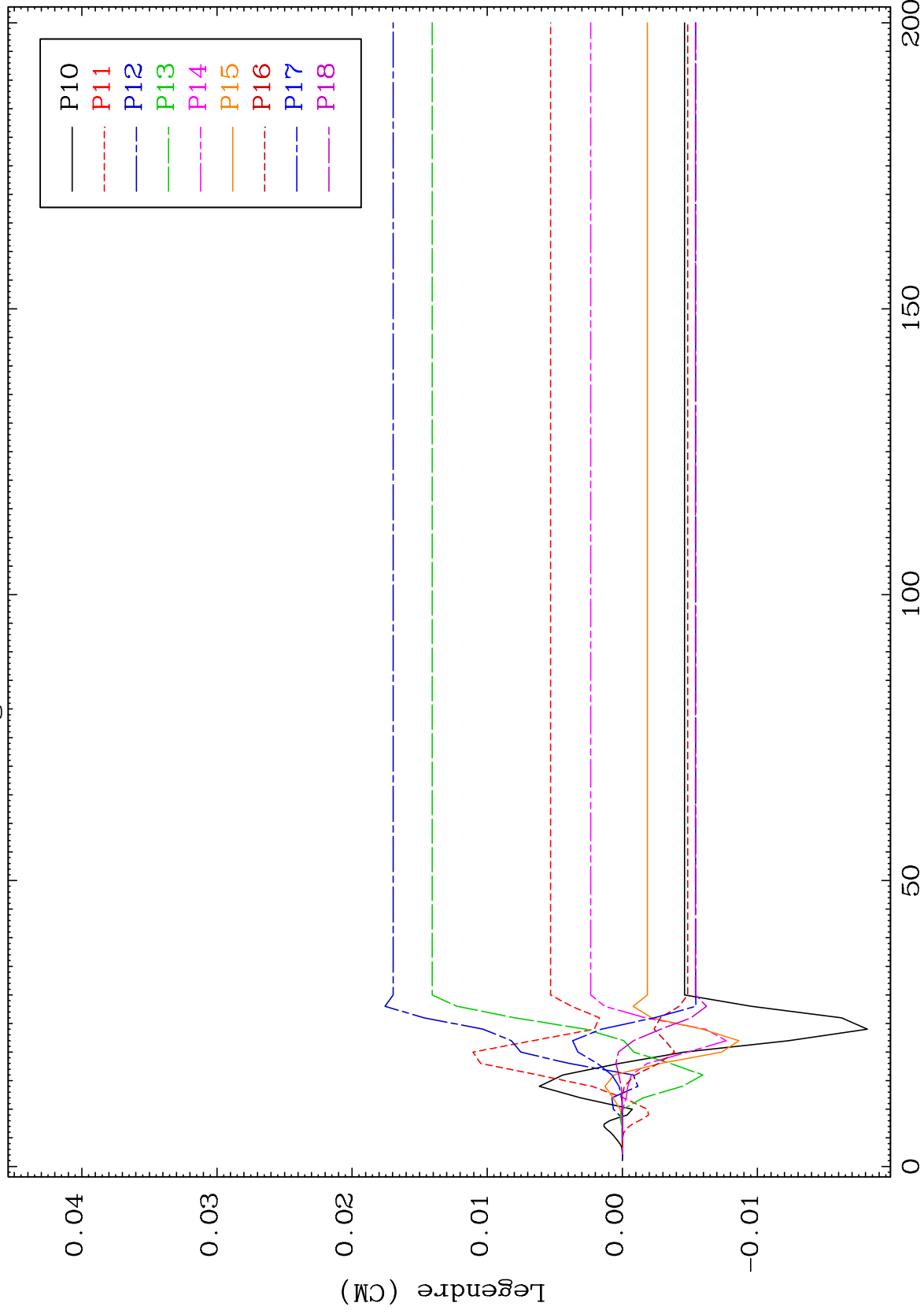
74-W -177

64

MAT 7416

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

74-W -177



65

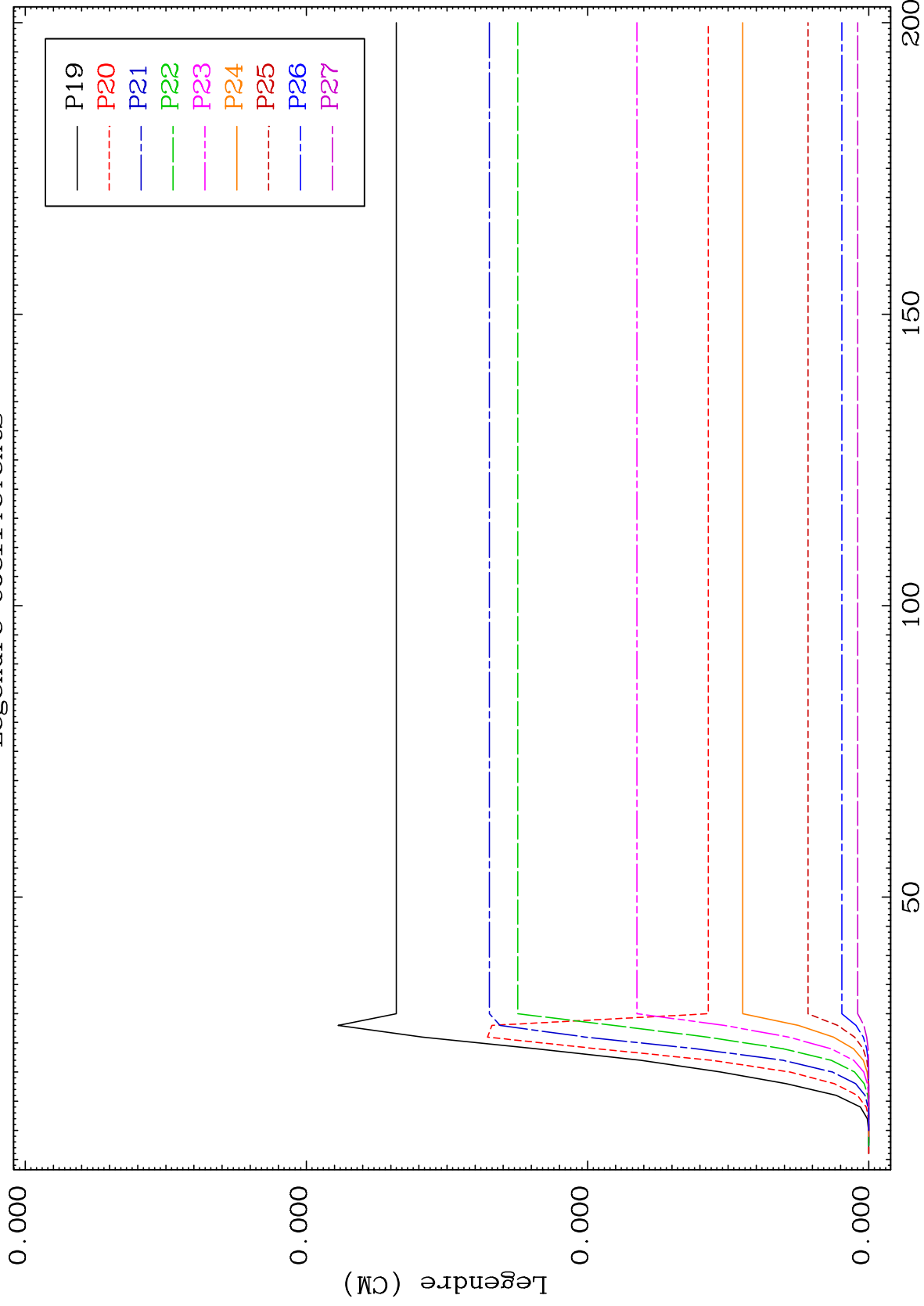
Incident Energy (MeV)

74-W -177

MAT 7416

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

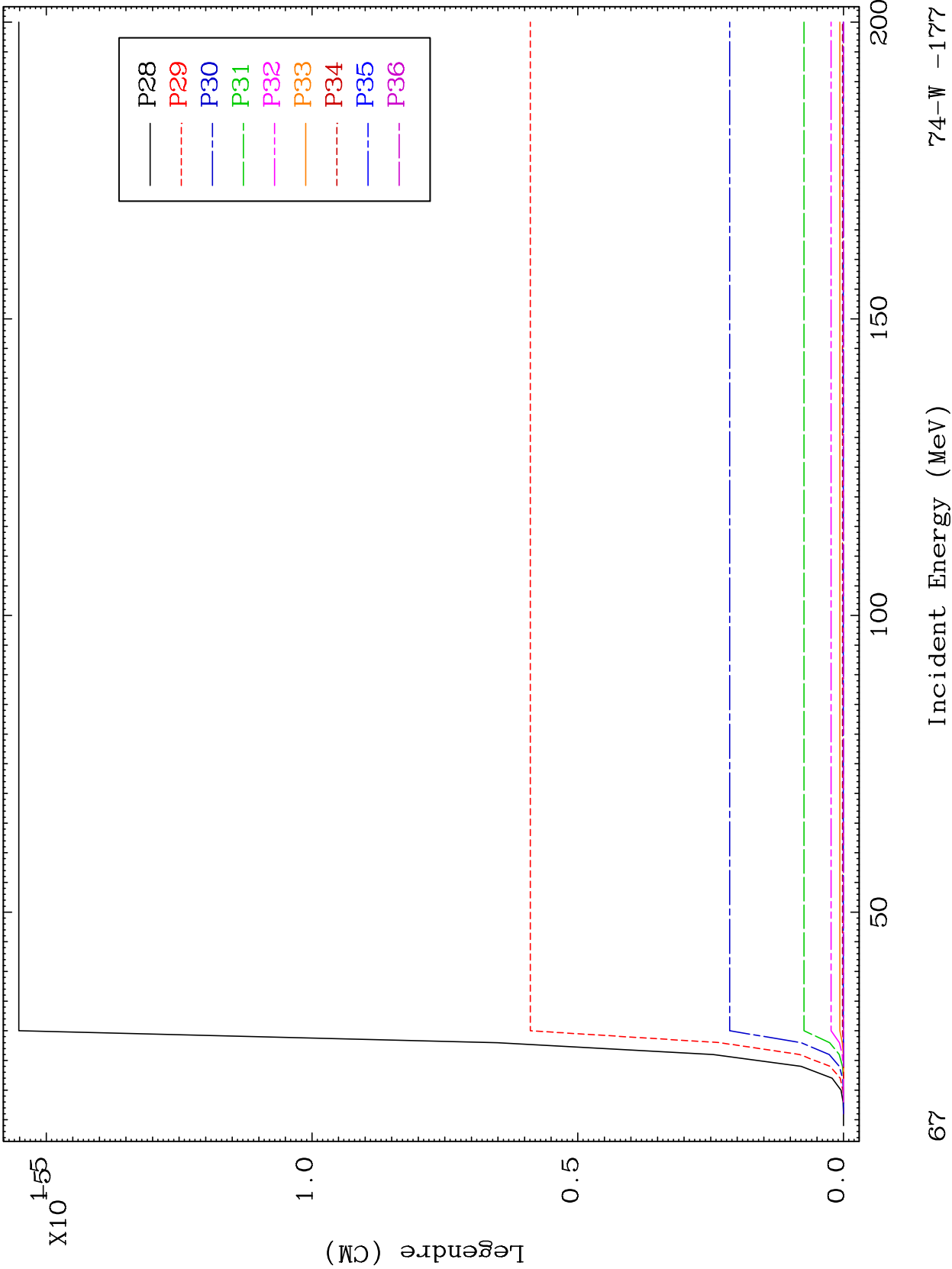
74-W -177



66

Incident Energy (MeV)

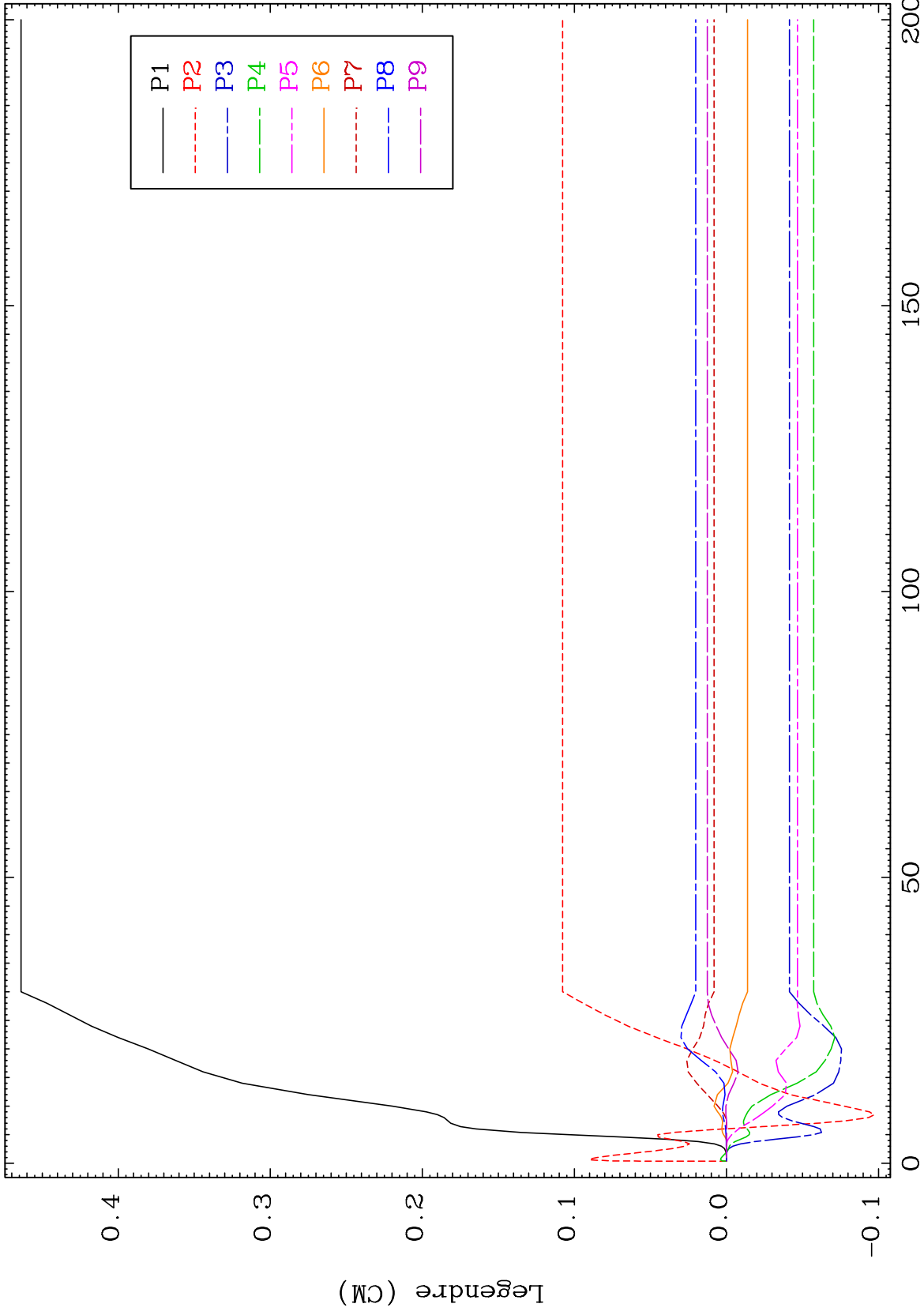
74-W -177



MAT 7416

MT= 63 (n,n') Level  
Legendre Coefficients

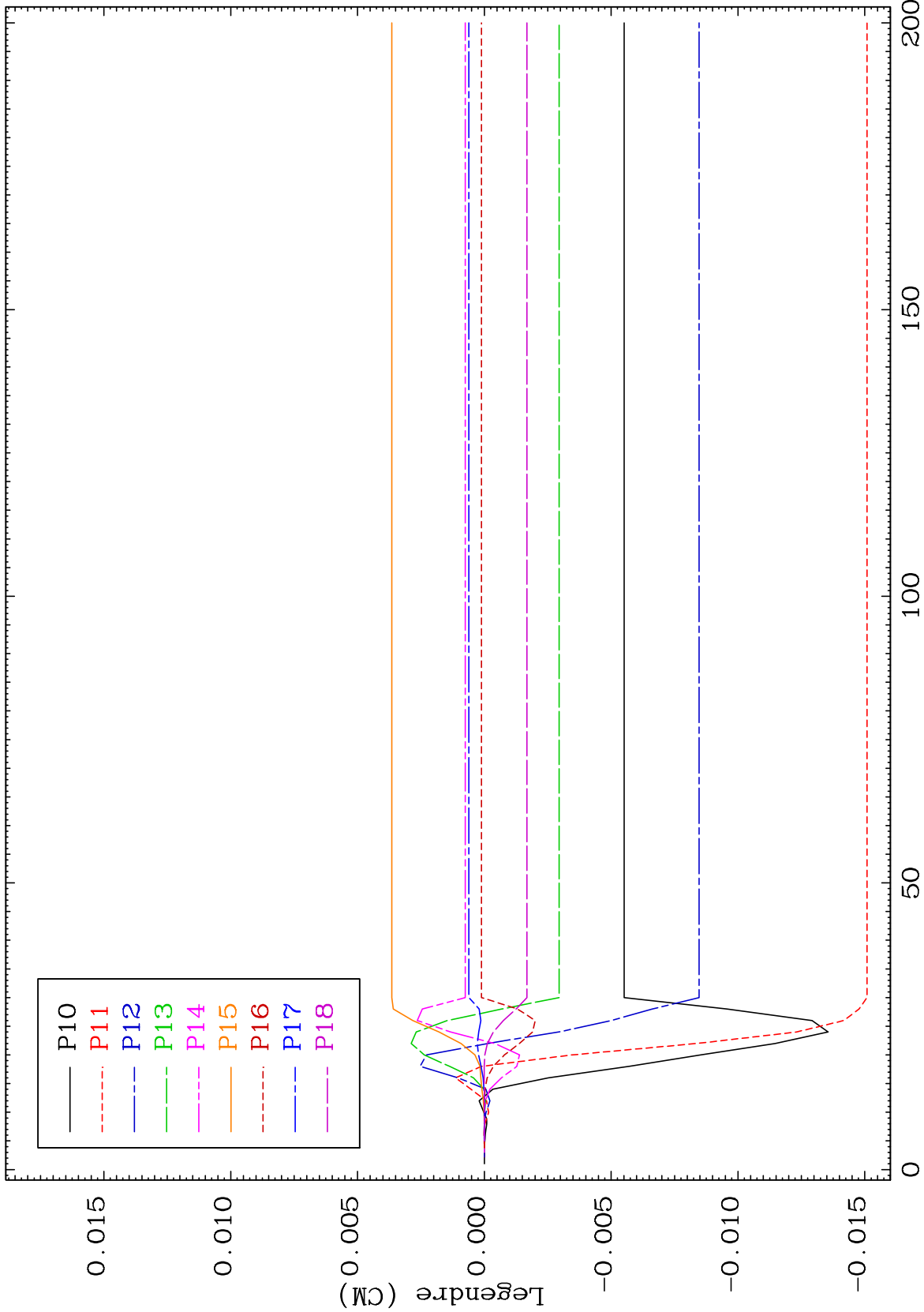
74-W -177

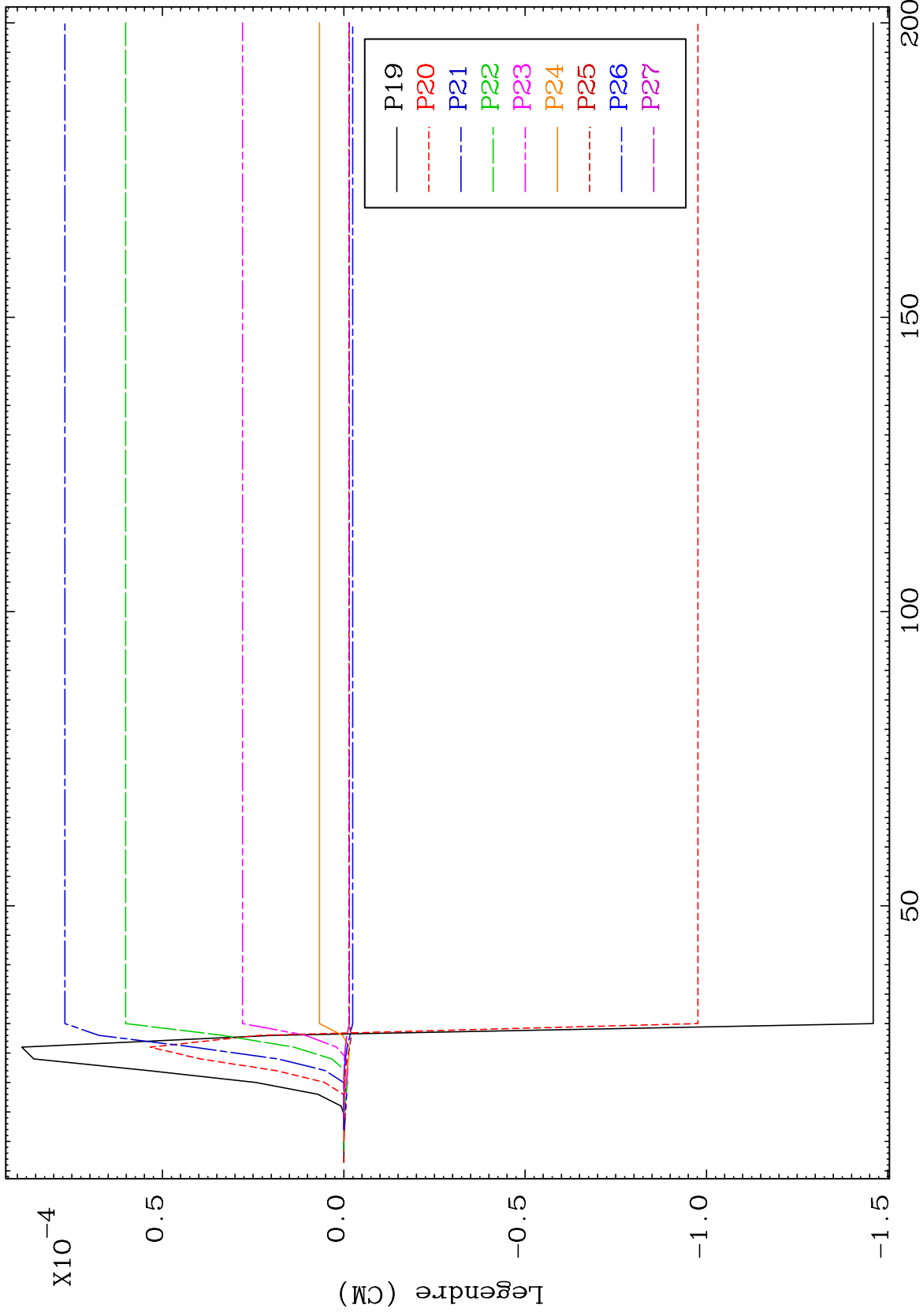


68

Incident Energy (MeV)

74-W -177

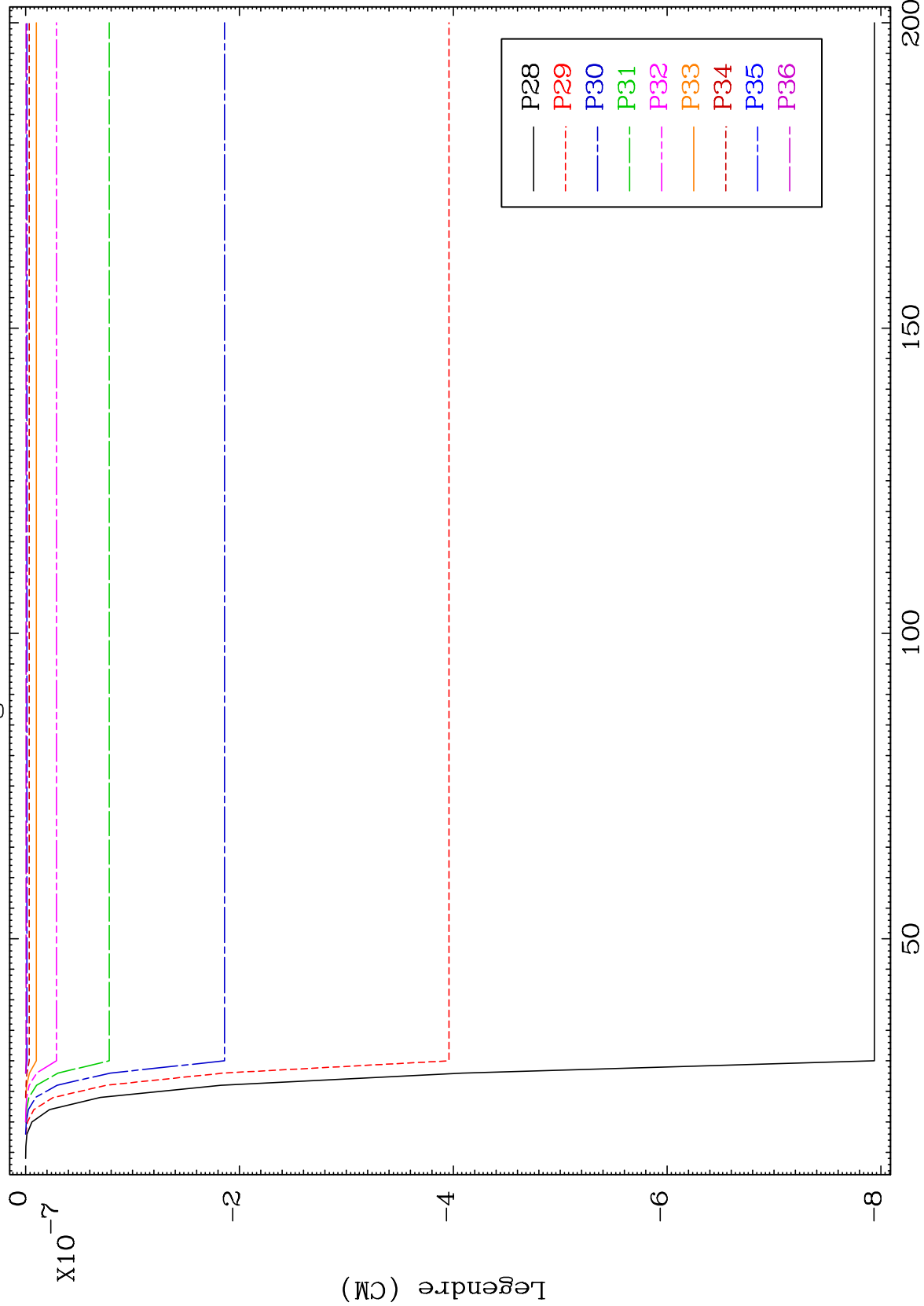




MAT 7416

MT= 63 (n,n') Level  
Legendre Coefficients

74-W -177



71

Incident Energy (MeV)

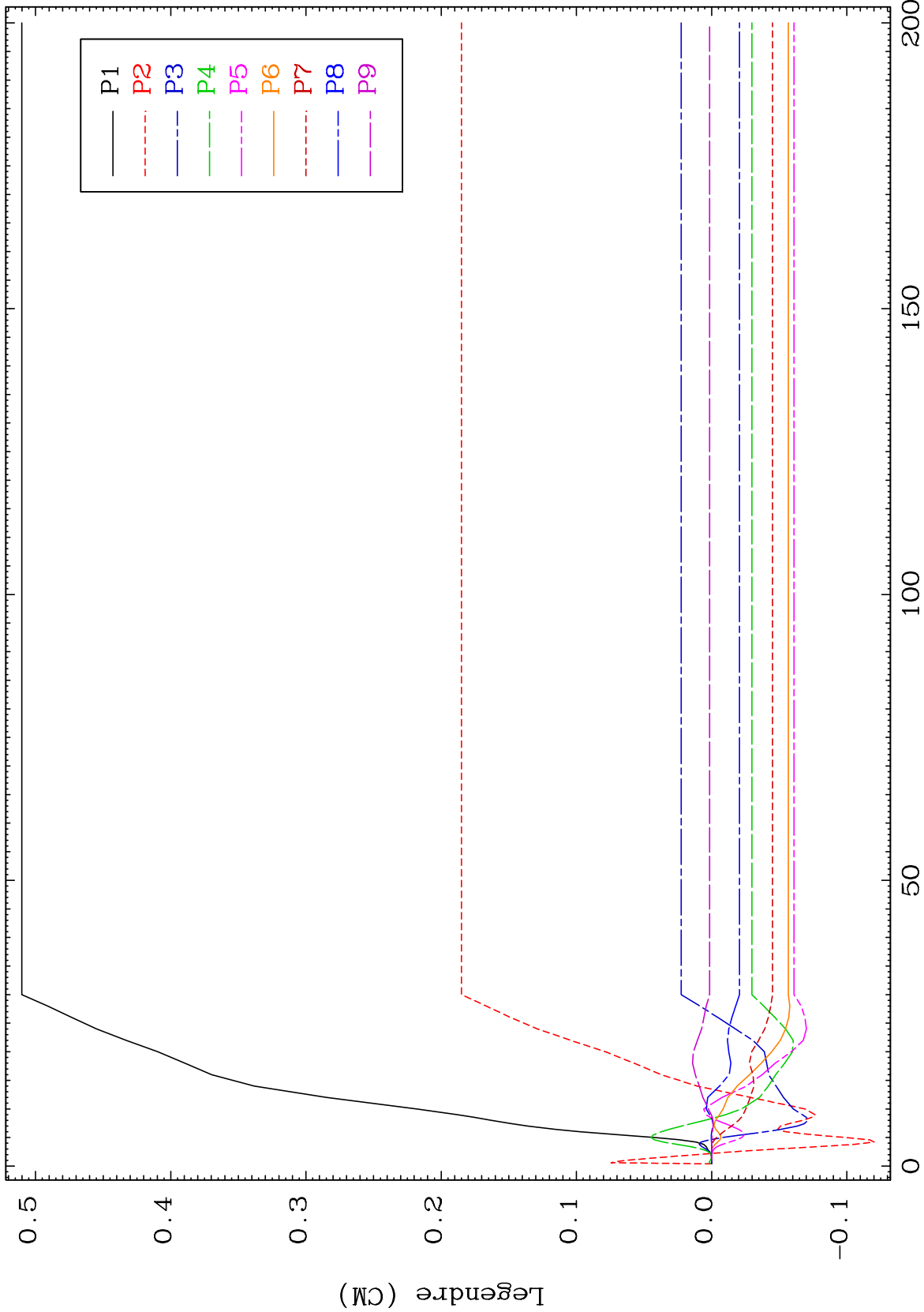
74-W -177



MAT 7416

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

74-W -177



72

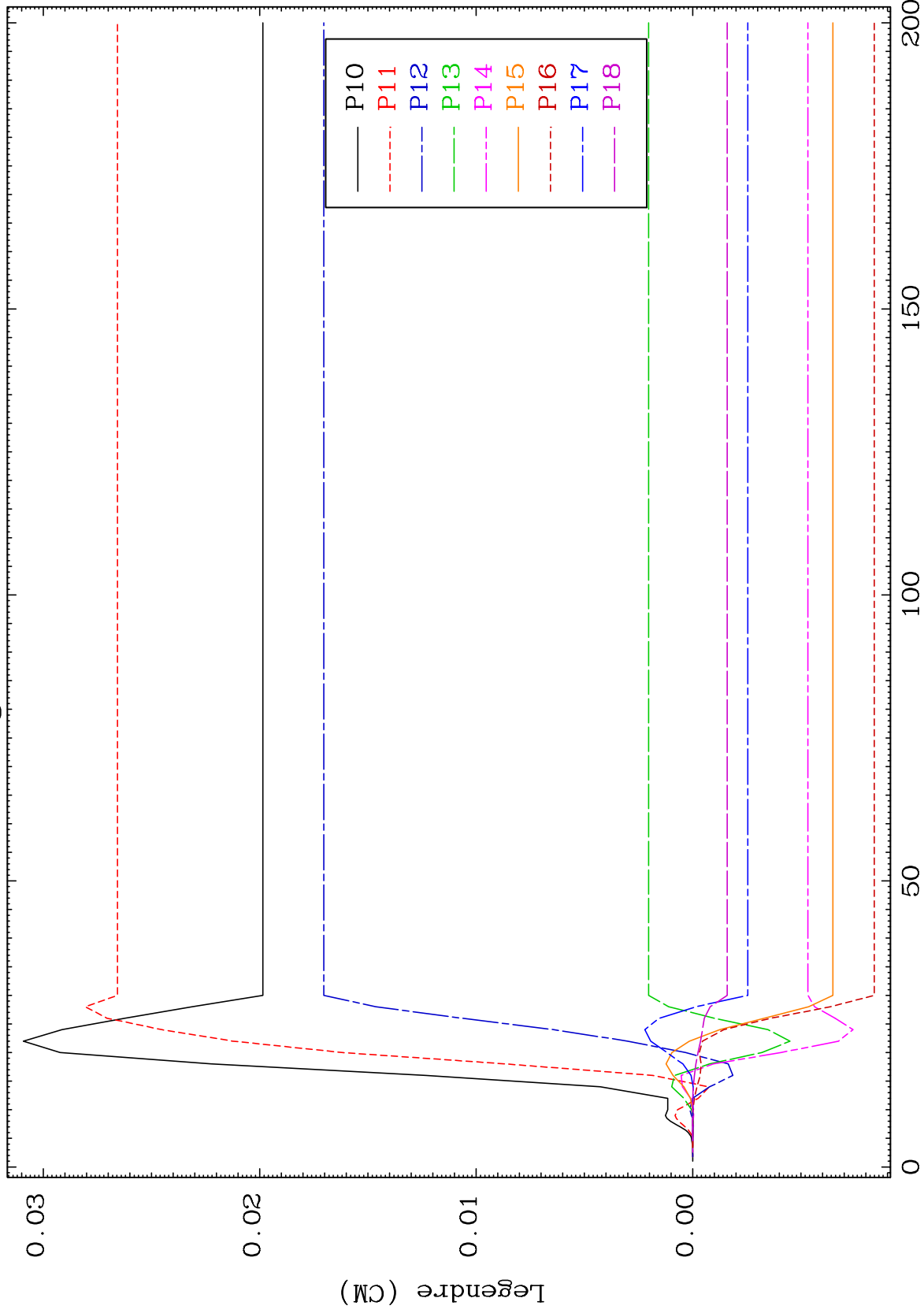
Incident Energy (MeV)

74-W -177

MAT 7416

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

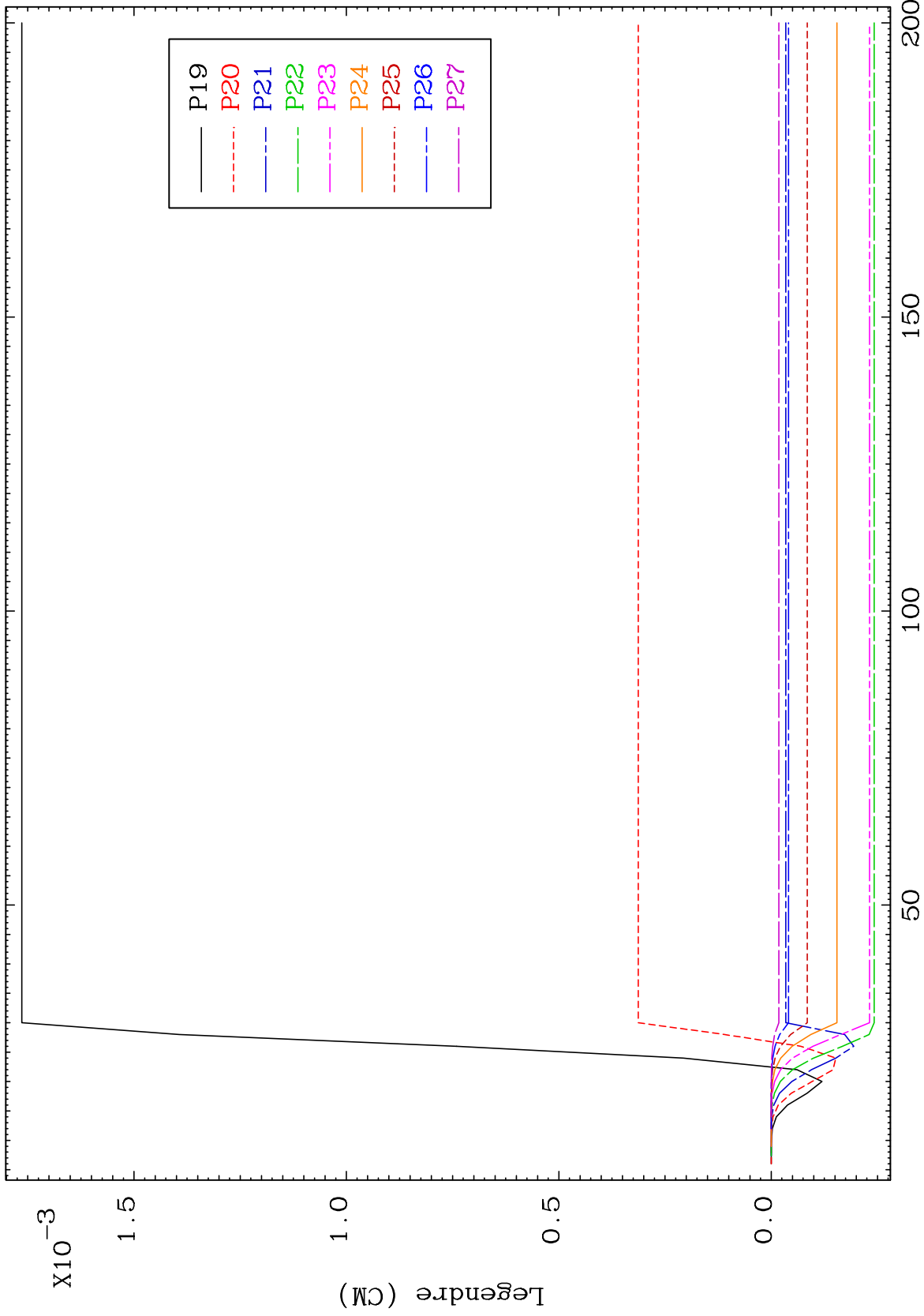
74-W -177



73

Incident Energy (MeV)

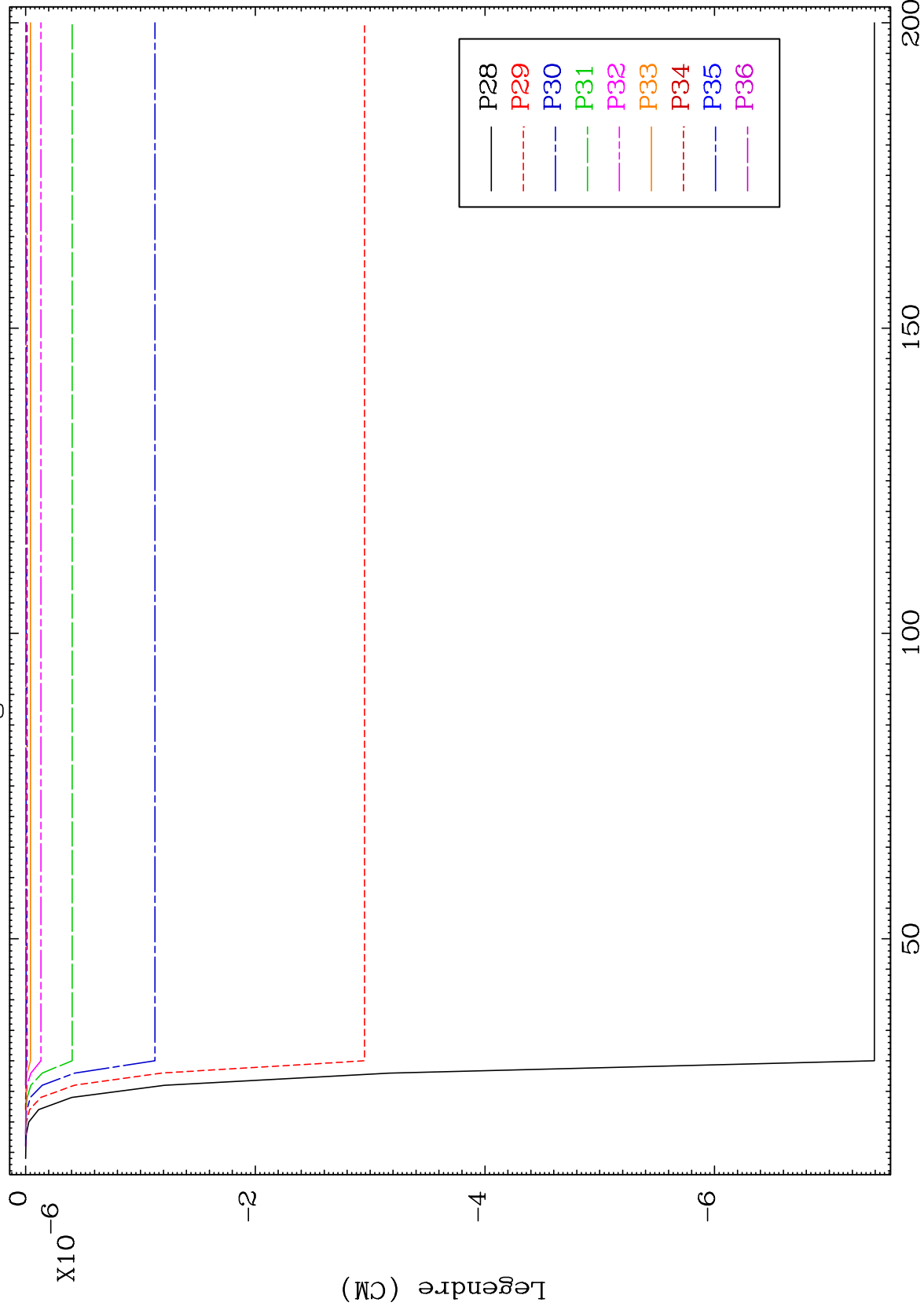
74-W -177



MAT 7416

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

74-W -177



74-W -177

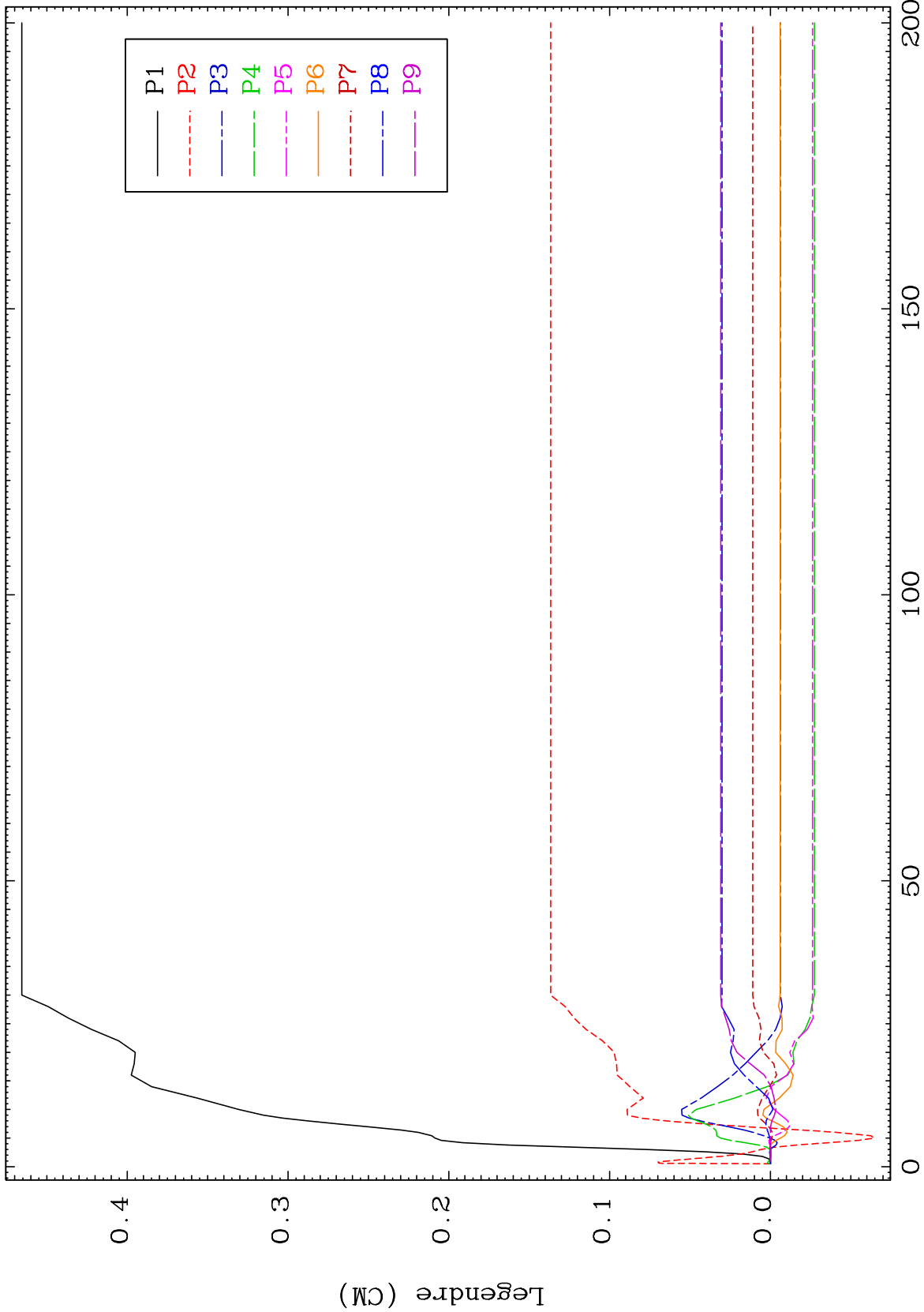
Incident Energy (MeV)

75

MAT 7416

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

74-W -177



76

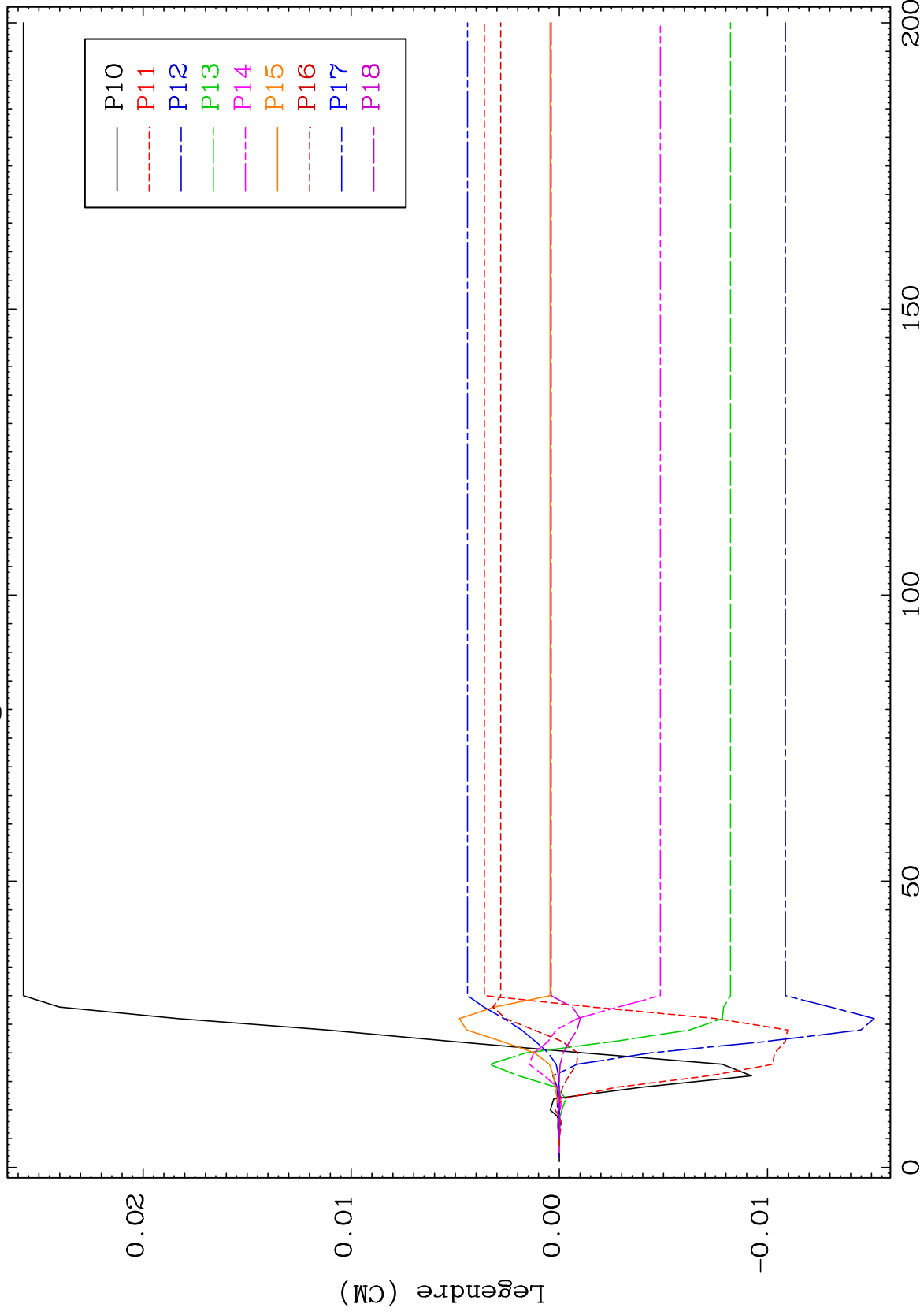
Incident Energy (MeV)

74-W -177

MAT 7416

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

74-W -177



77

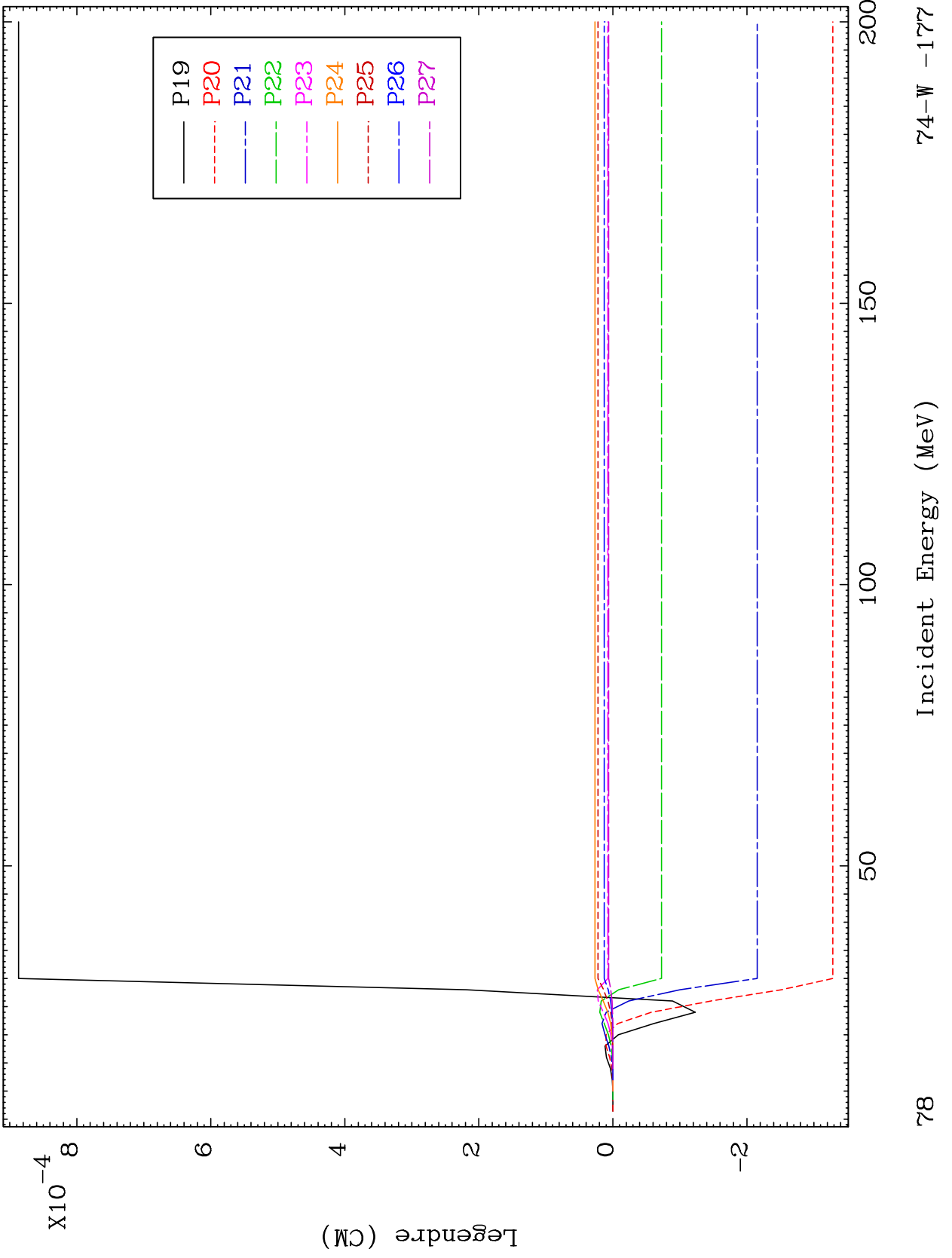
Incident Energy (MeV)

74-W -177

MAT 7416

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

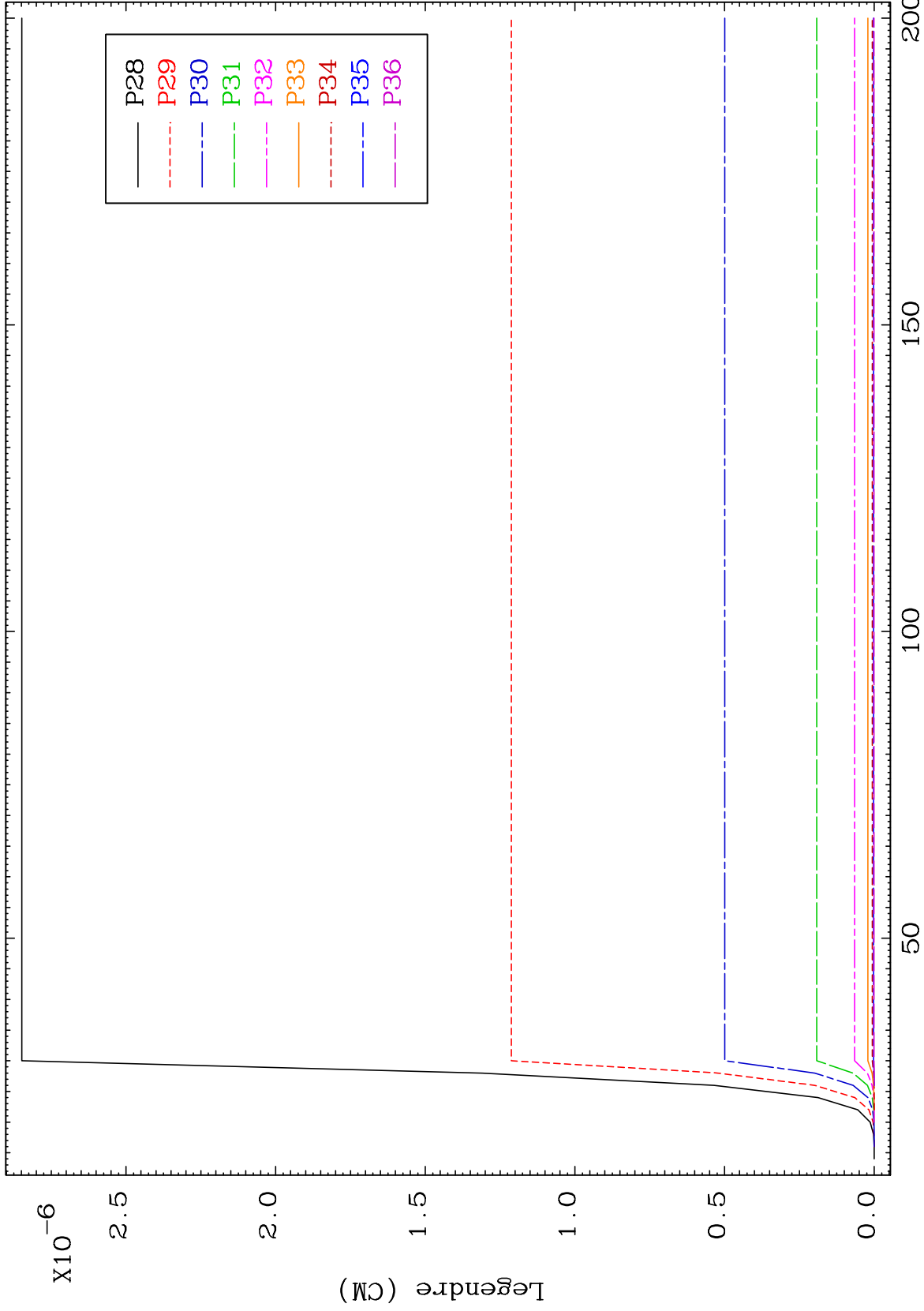
74-W -177



78

Incident Energy (MeV)

74-W -177

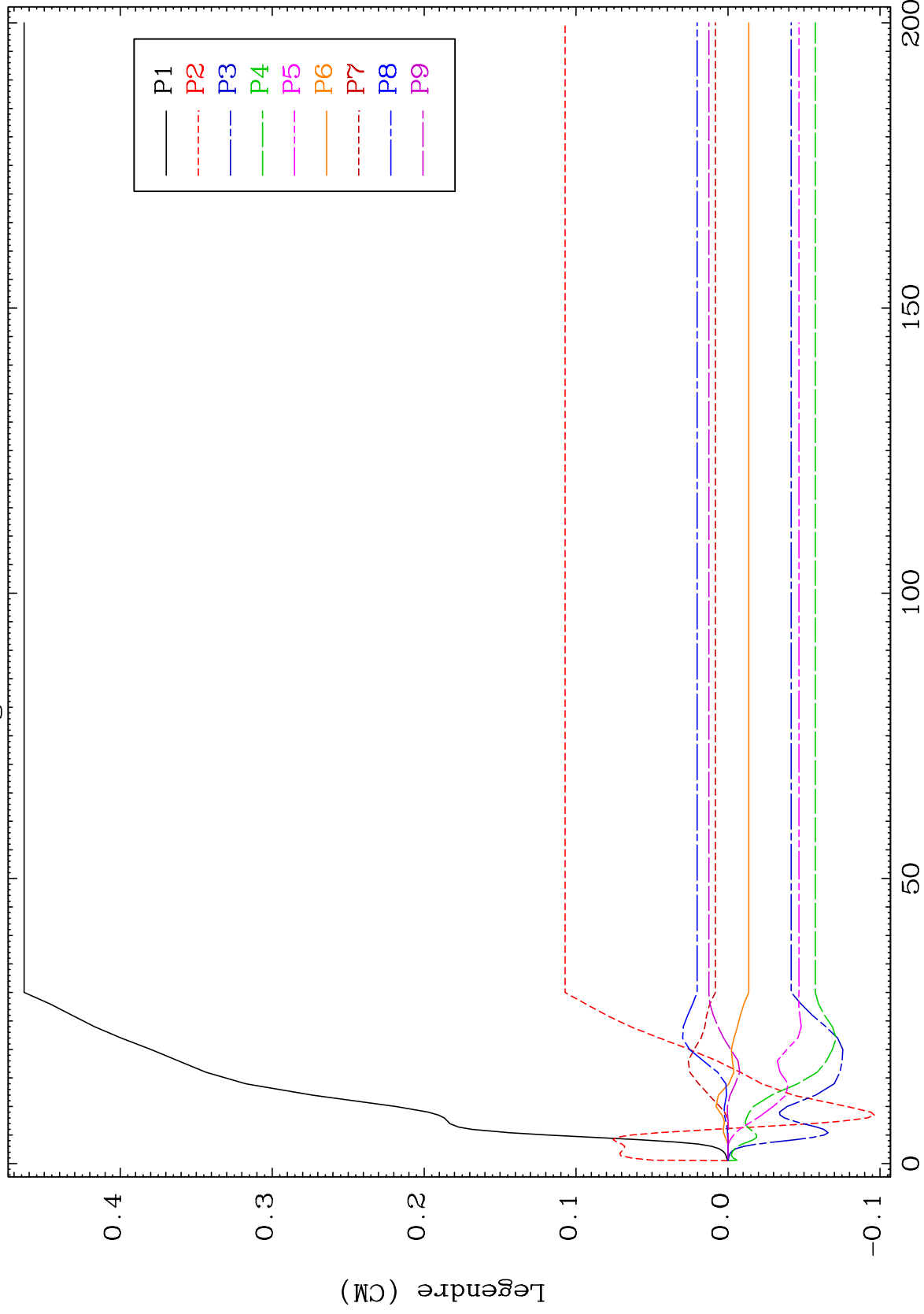




MAT 7416

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

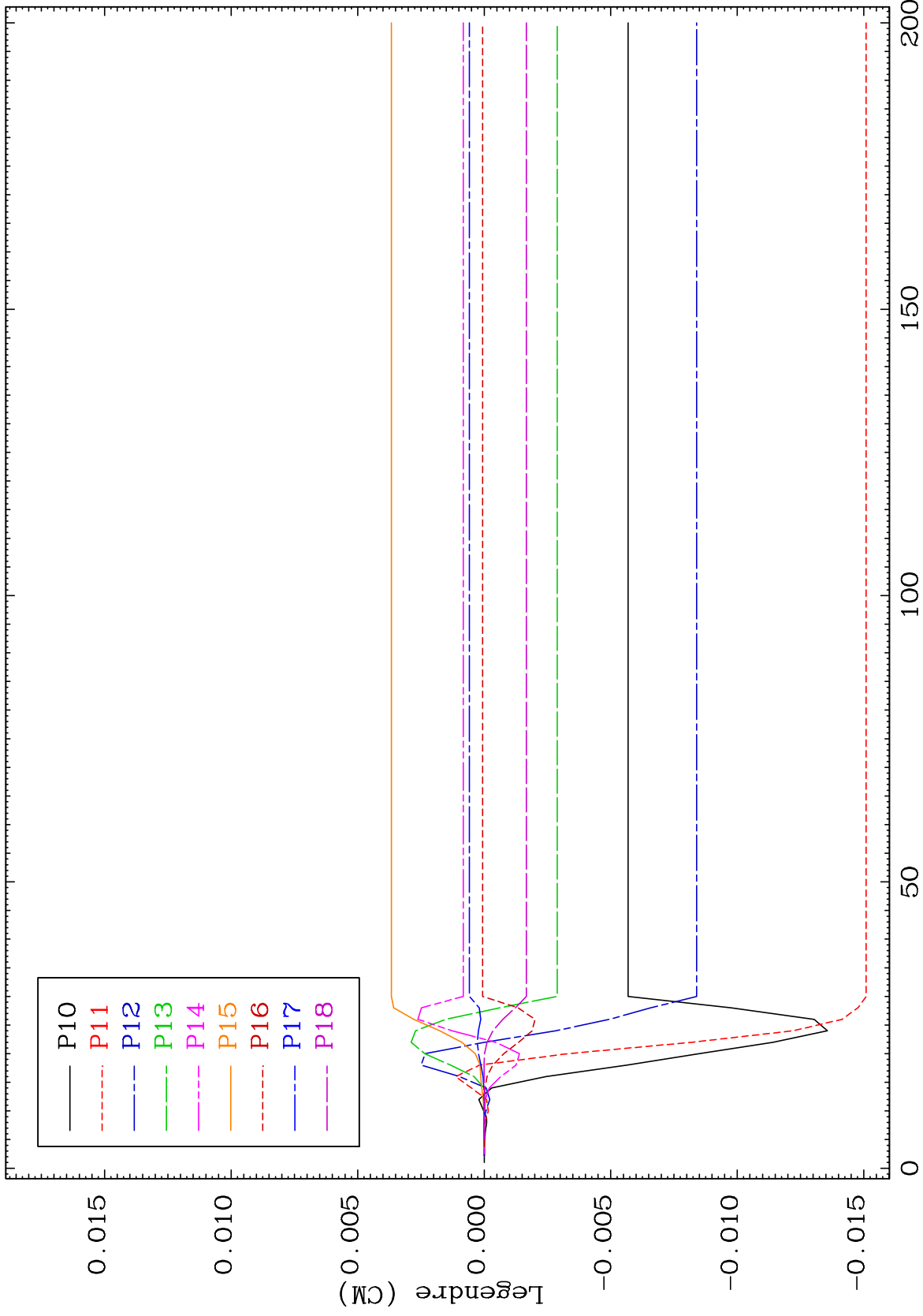
74-W -177

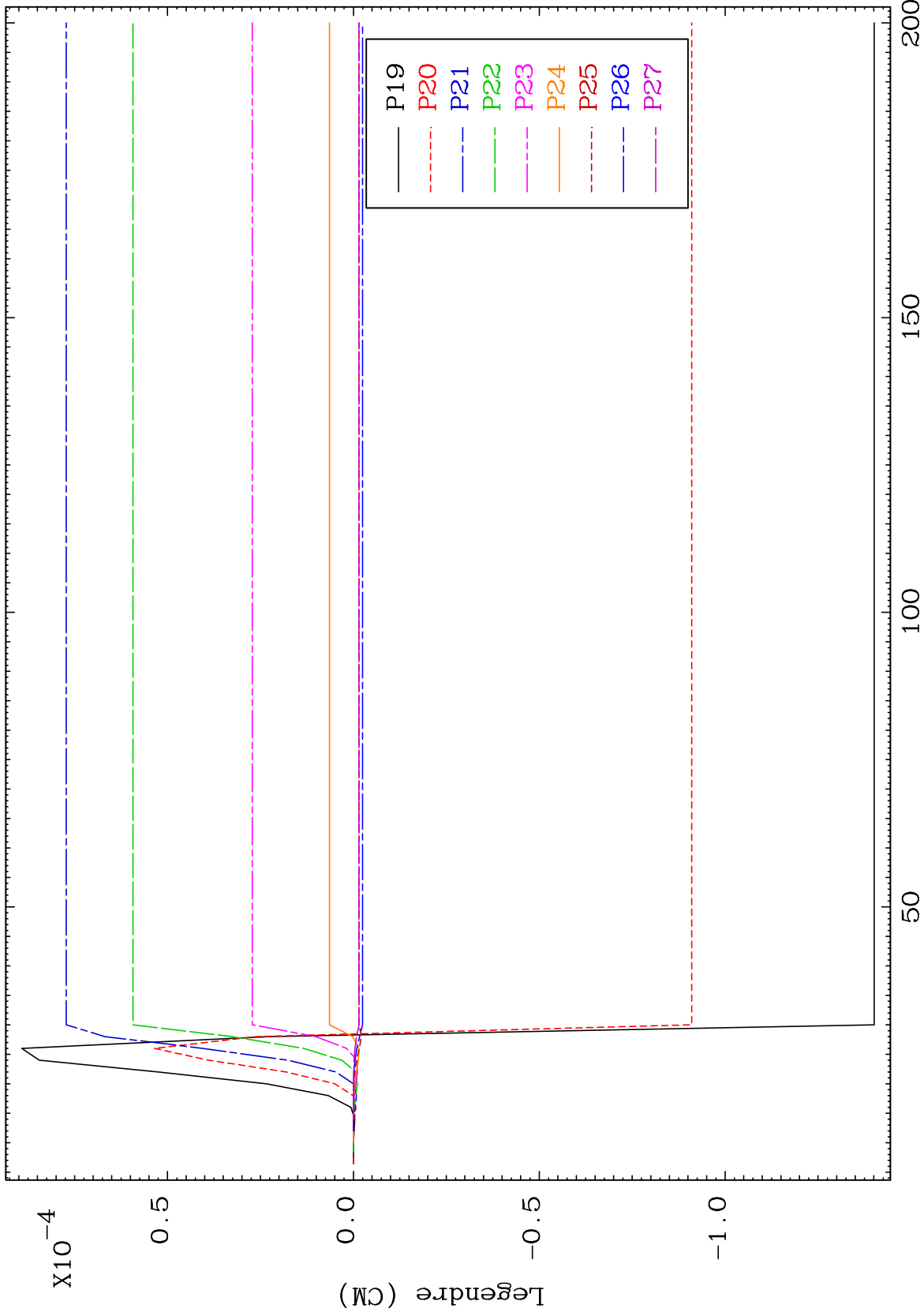


74-W -177

Incident Energy (MeV)

80

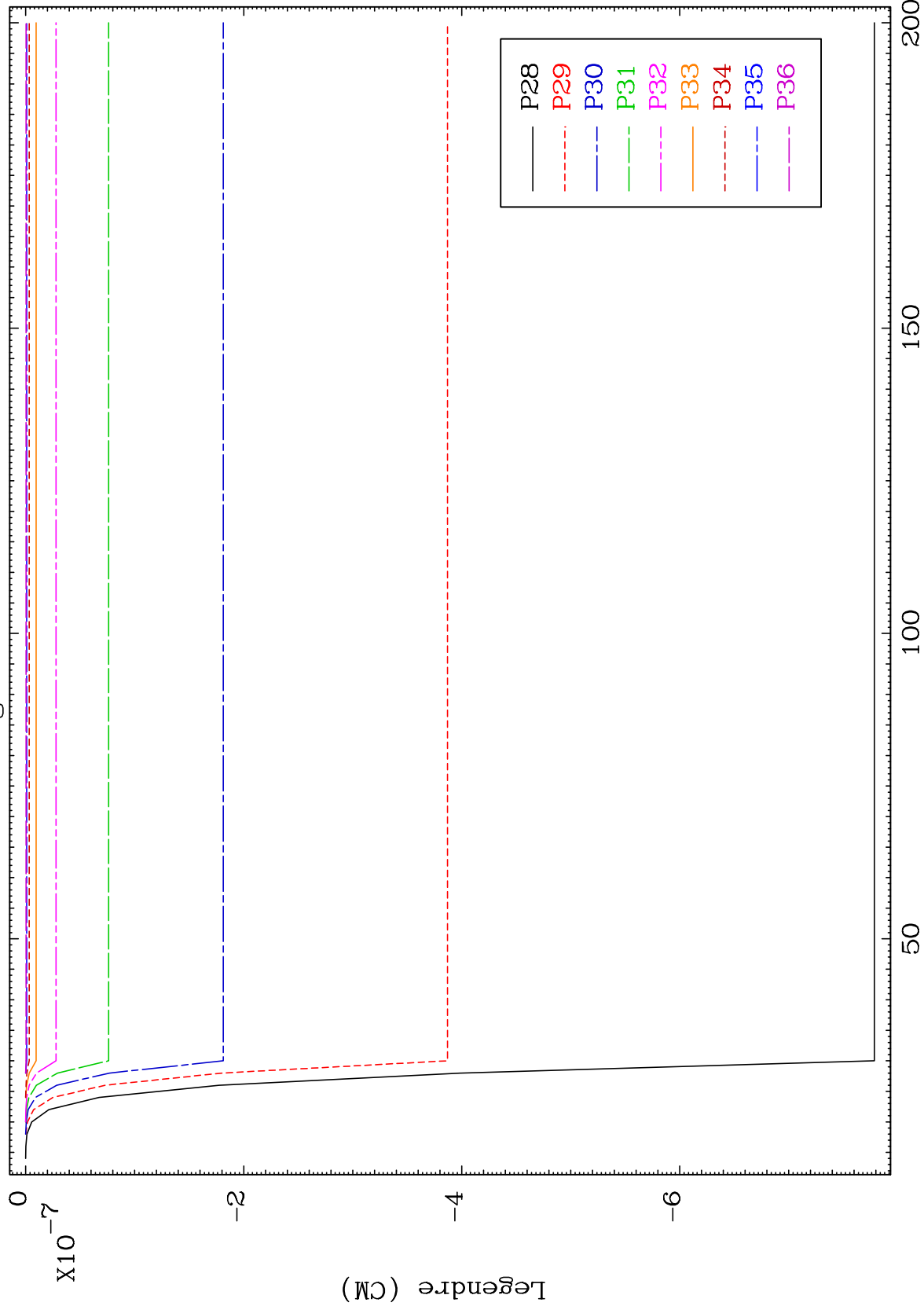




MAT 7416

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

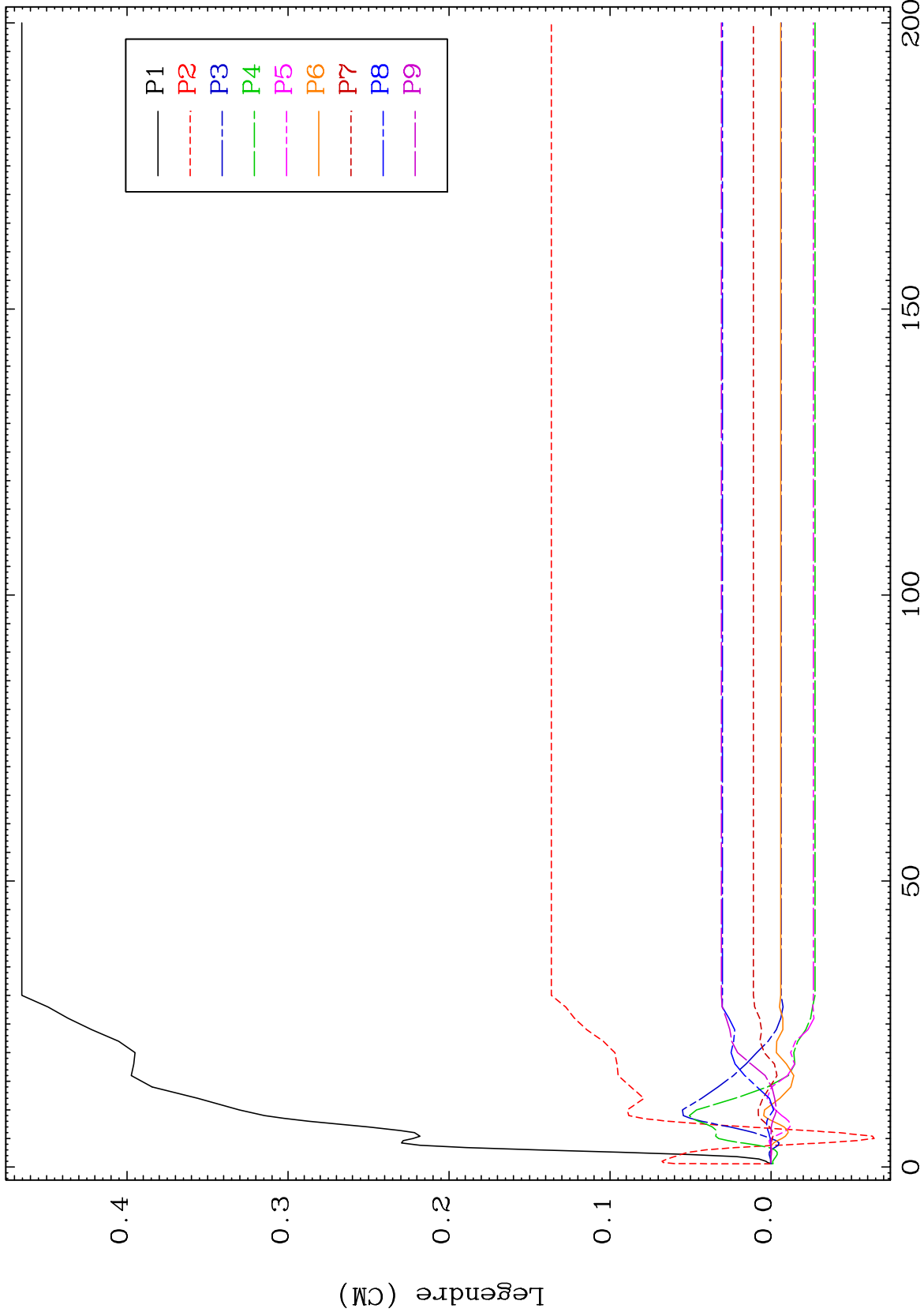
74-W -177



83

Incident Energy (MeV)

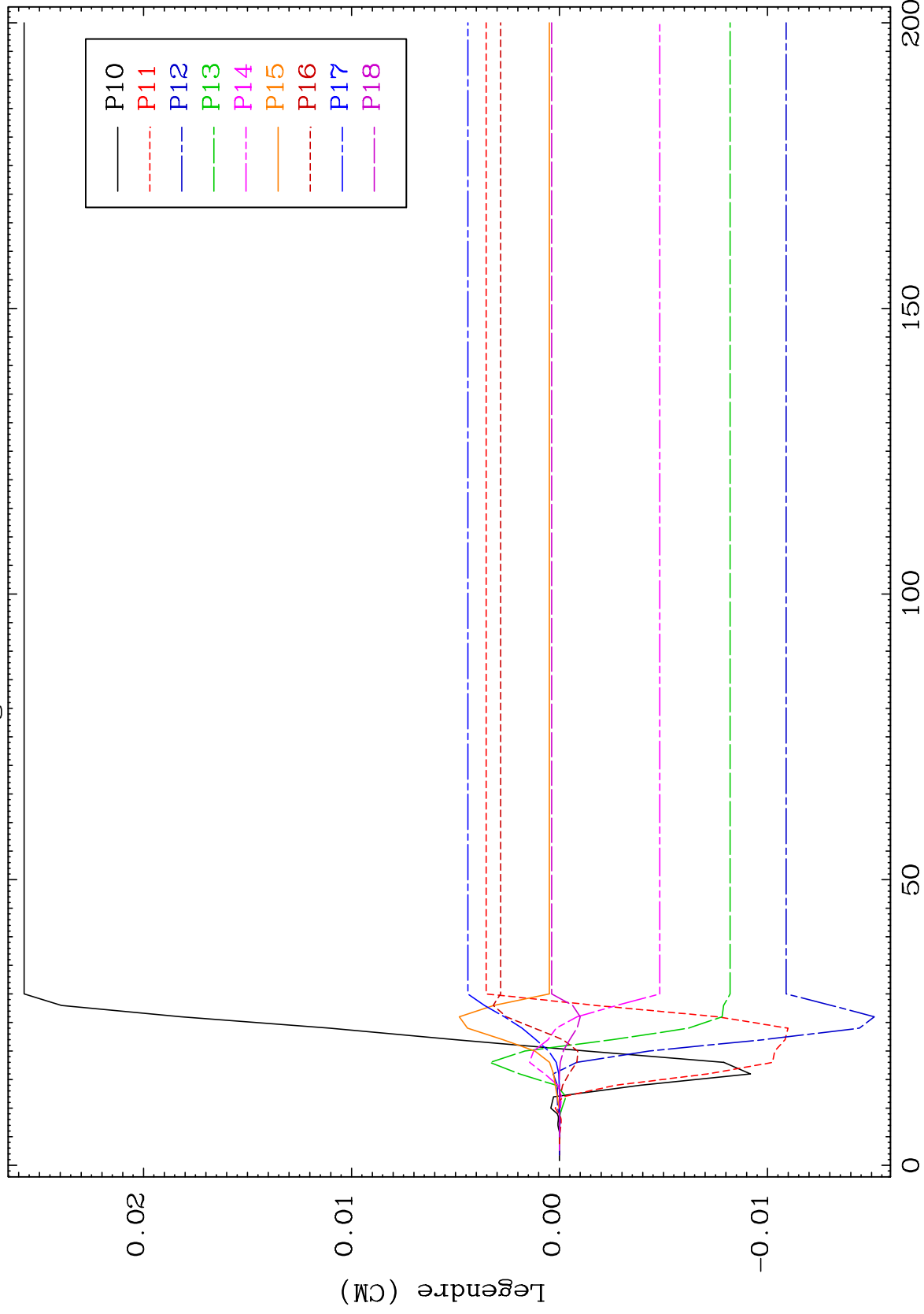
74-W -177



MAT 7416

MT= 67 (n,n') Level  
Legendre Coefficients

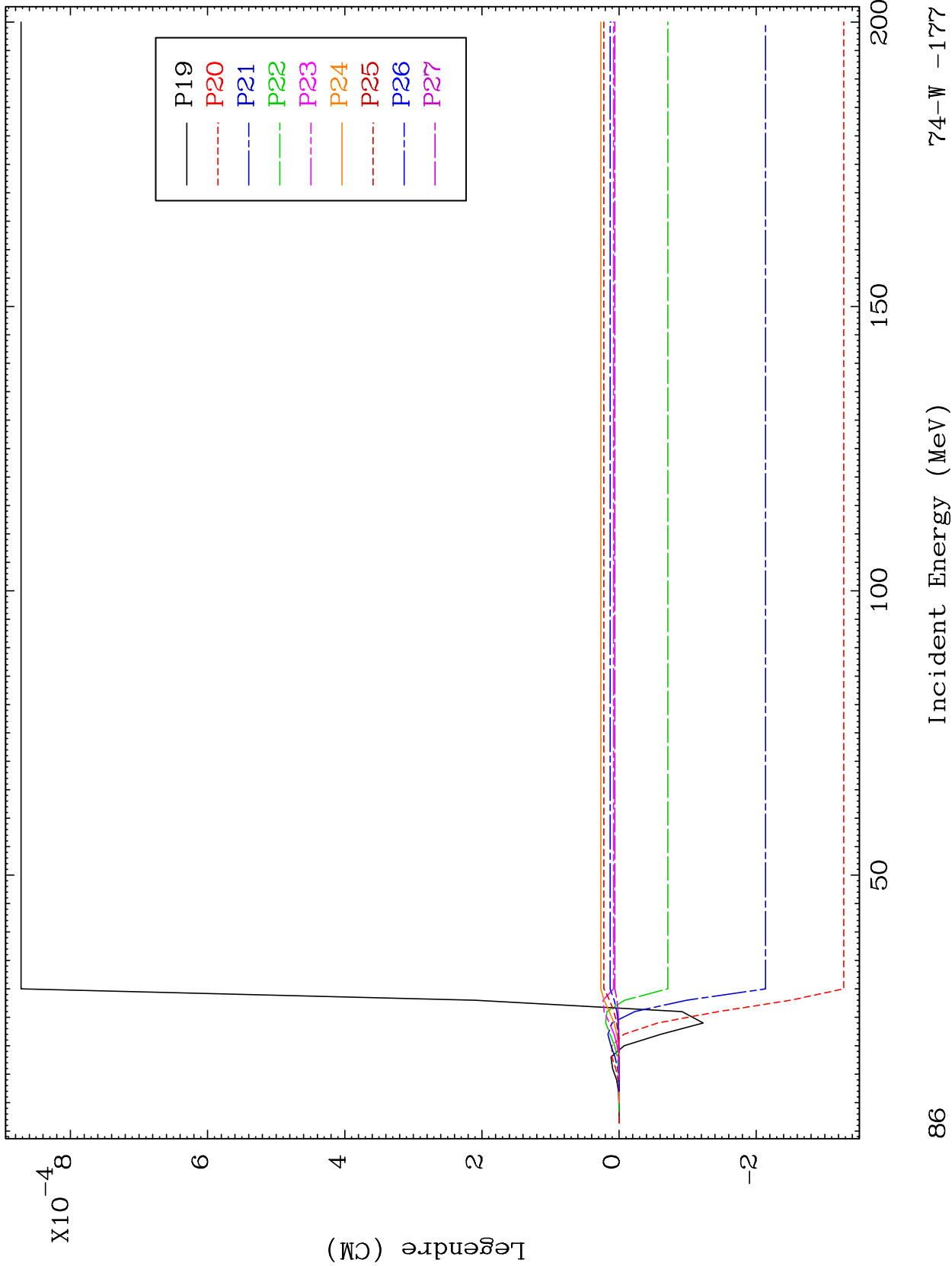
74-W -177

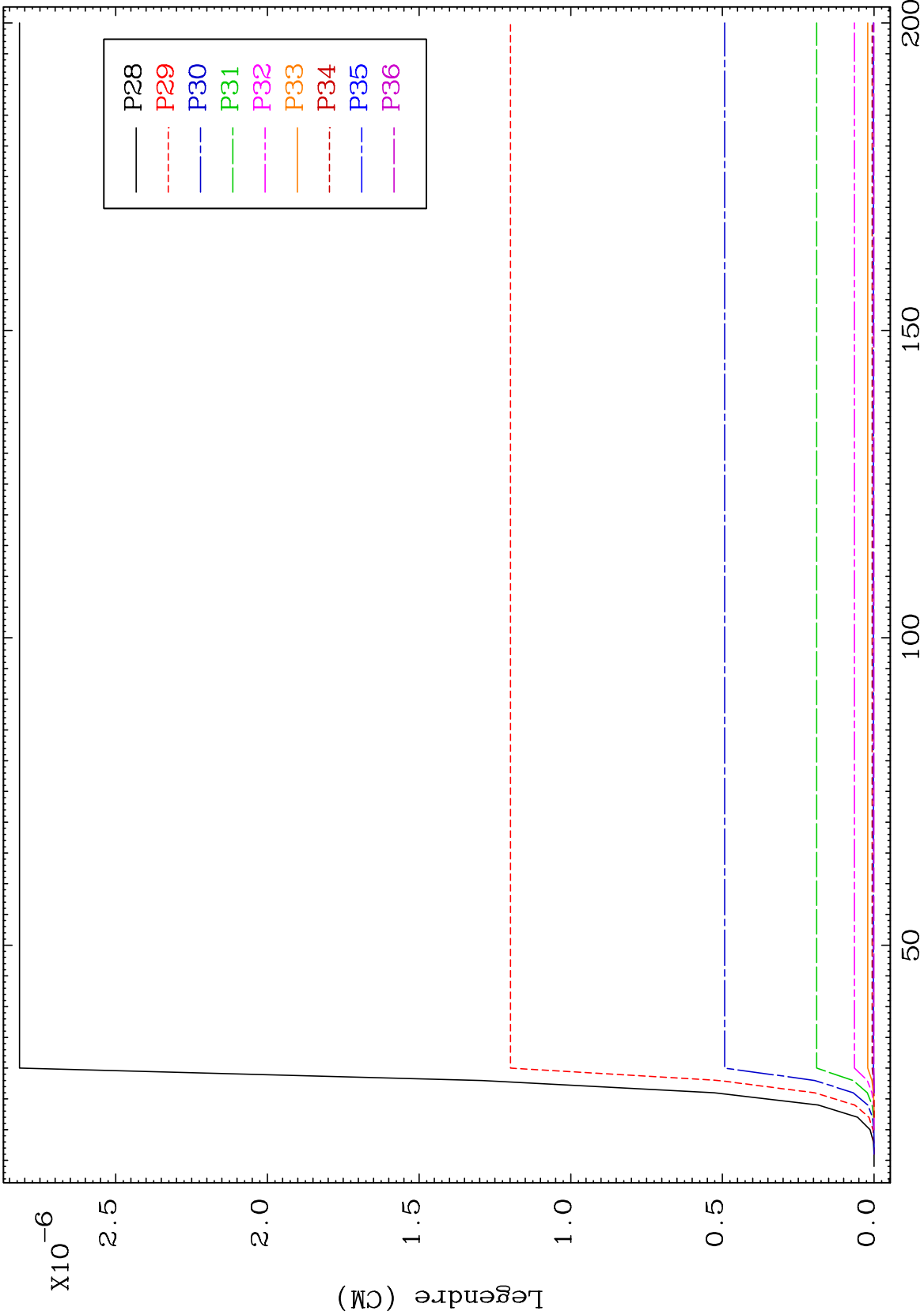


85

Incident Energy (MeV)

74-W -177



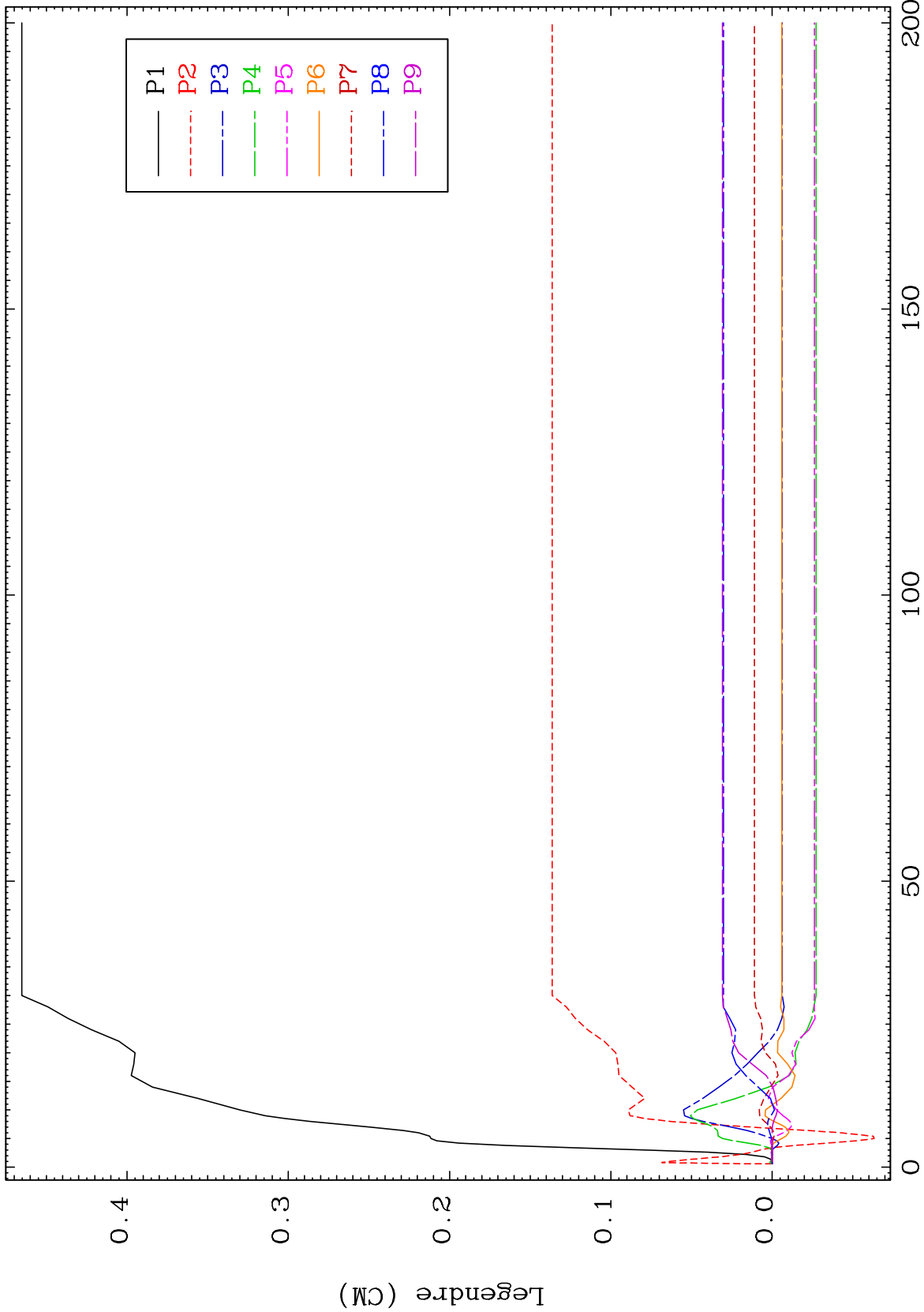




MAT 7416

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

74-W -177



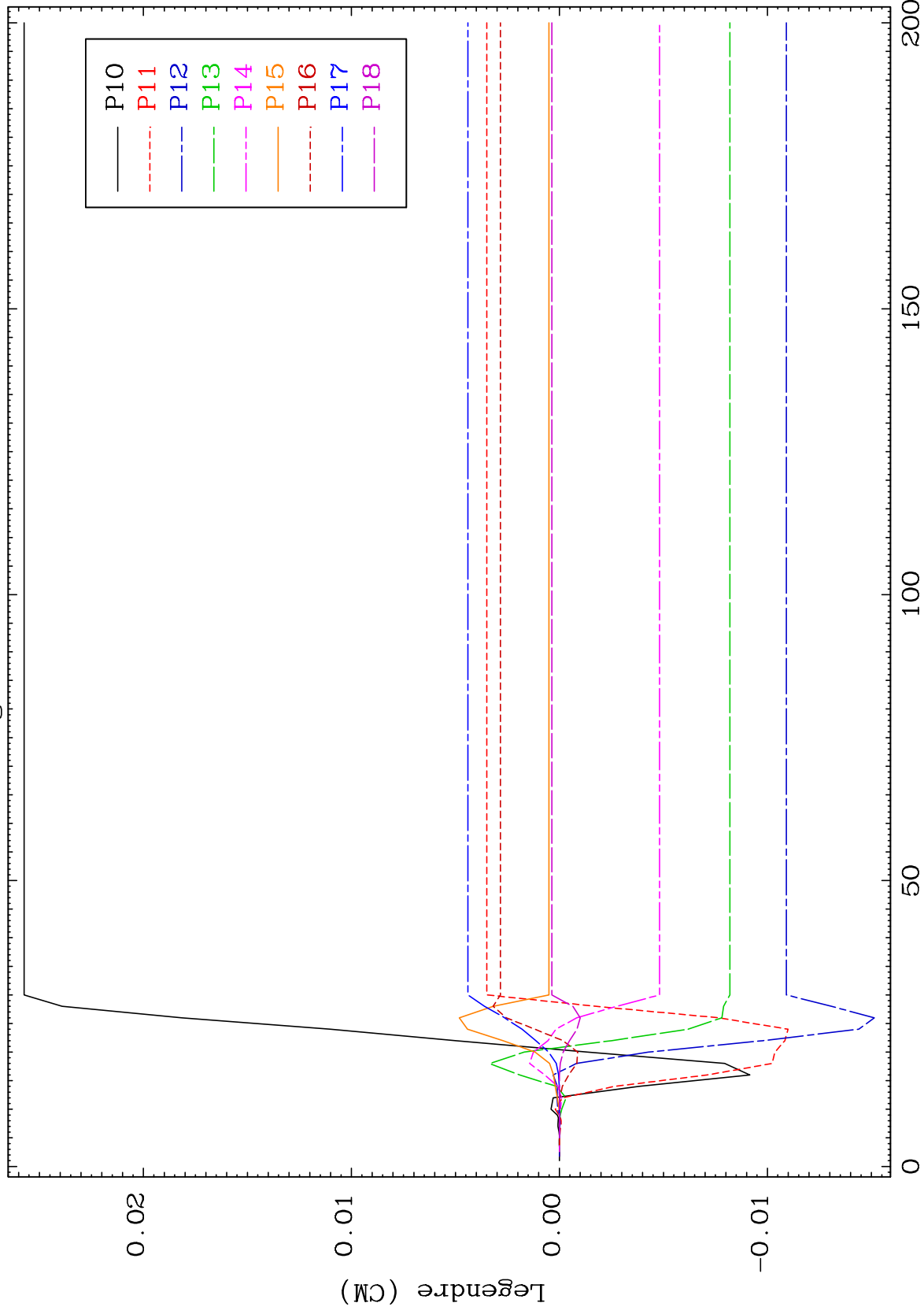
88

74-W -177

MAT 7416

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

74-W -177



89

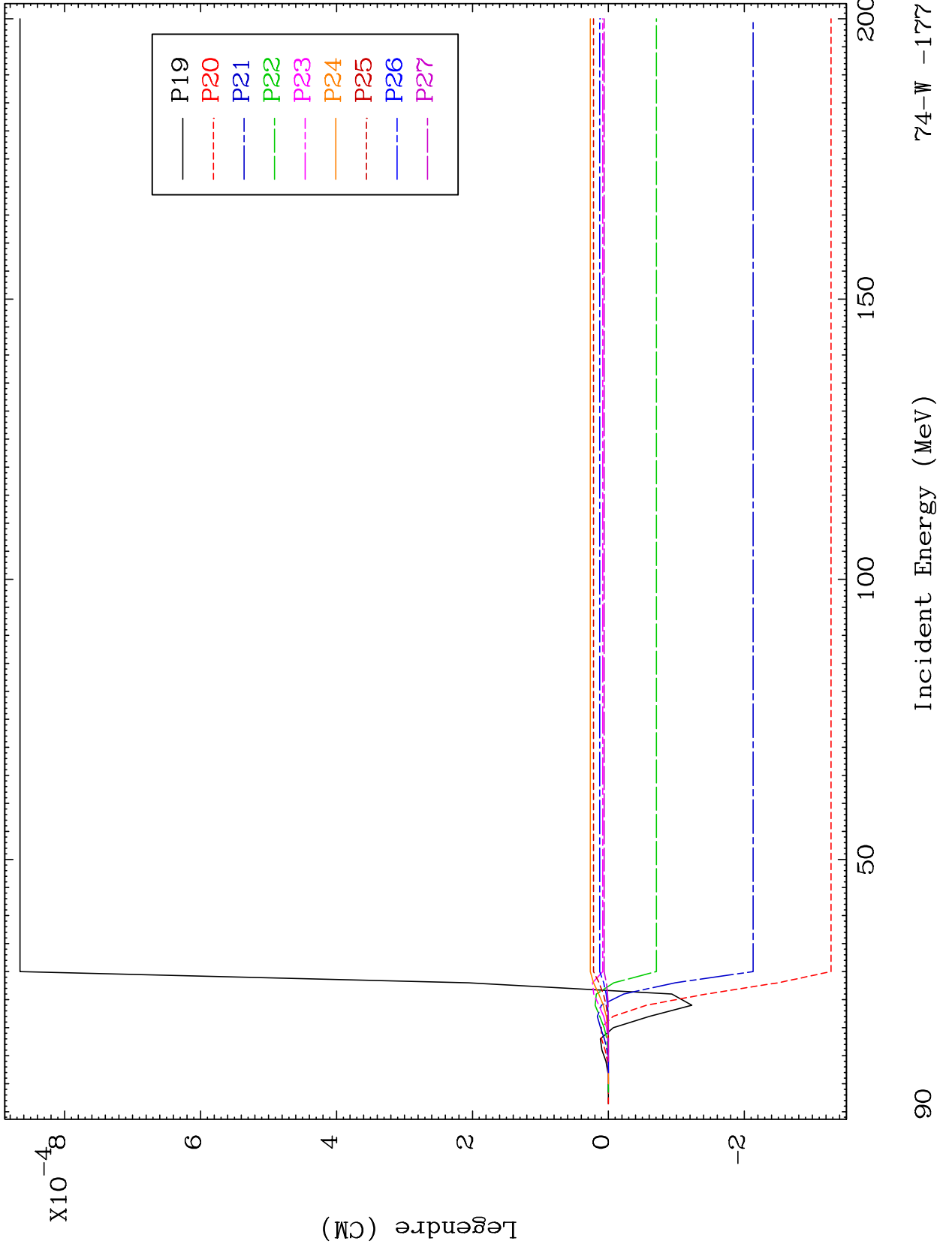
Incident Energy (MeV)

74-W -177

MAT 7416

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

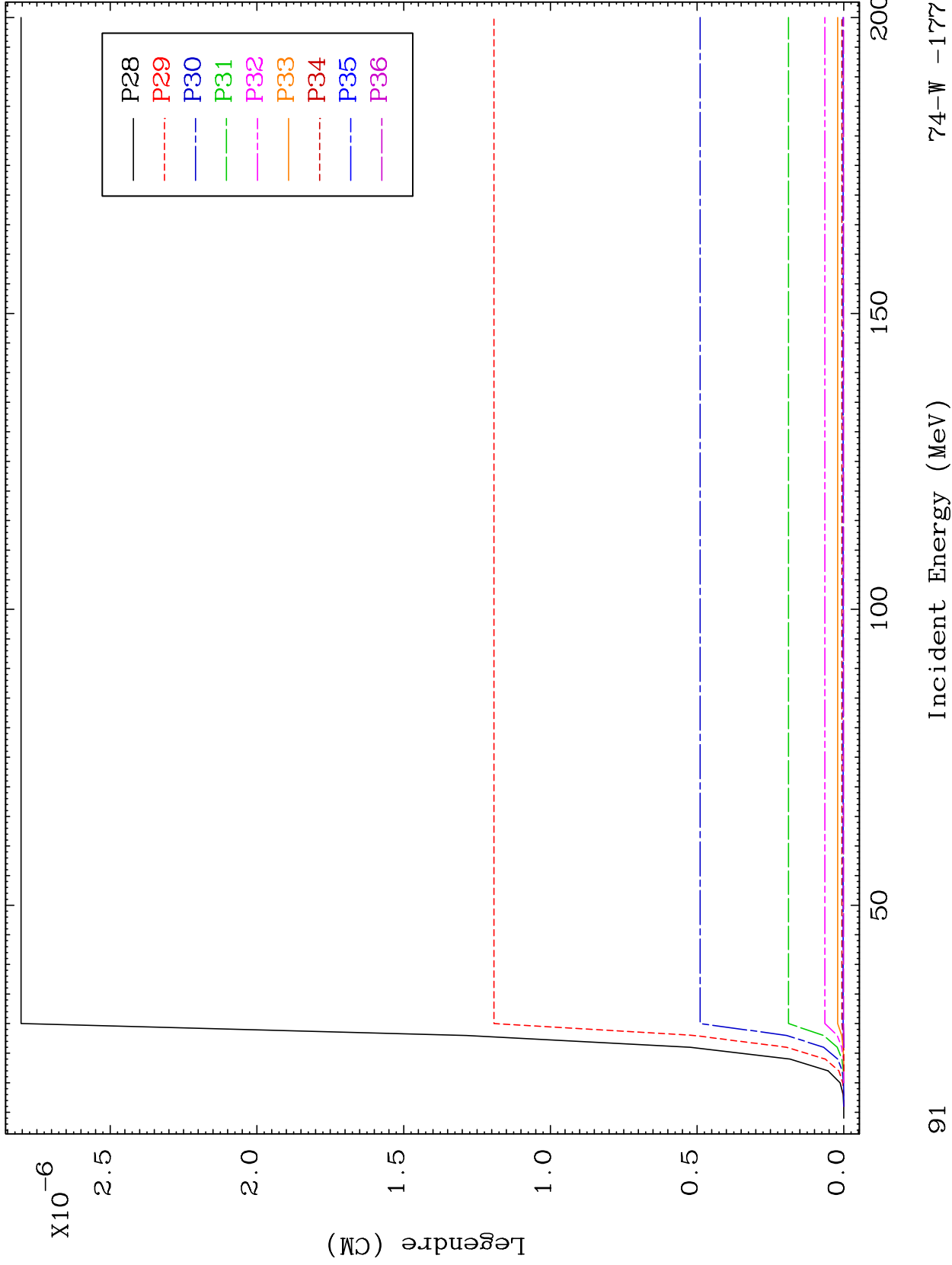
74-W -177

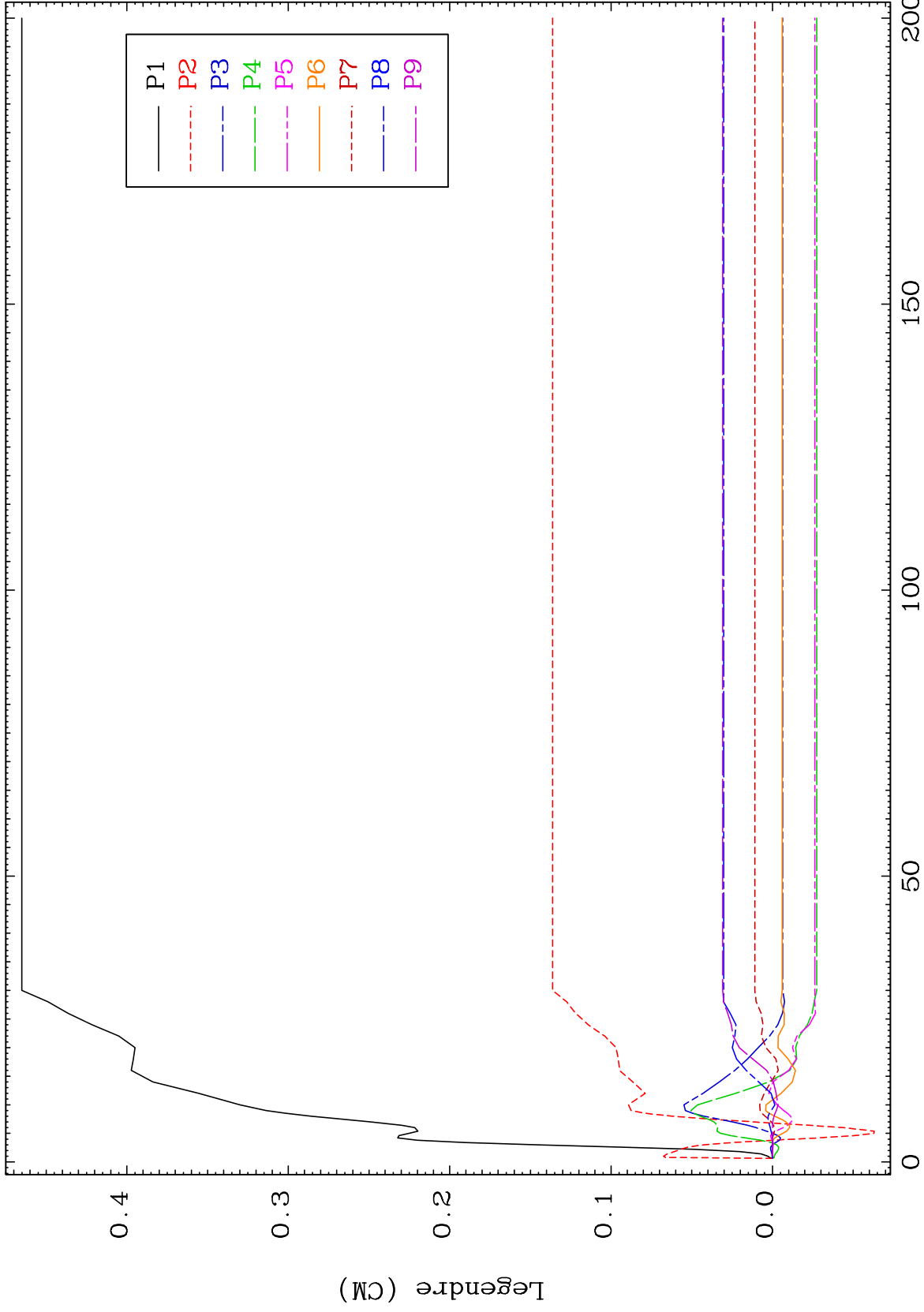


90

Incident Energy (MeV)

74-W -177

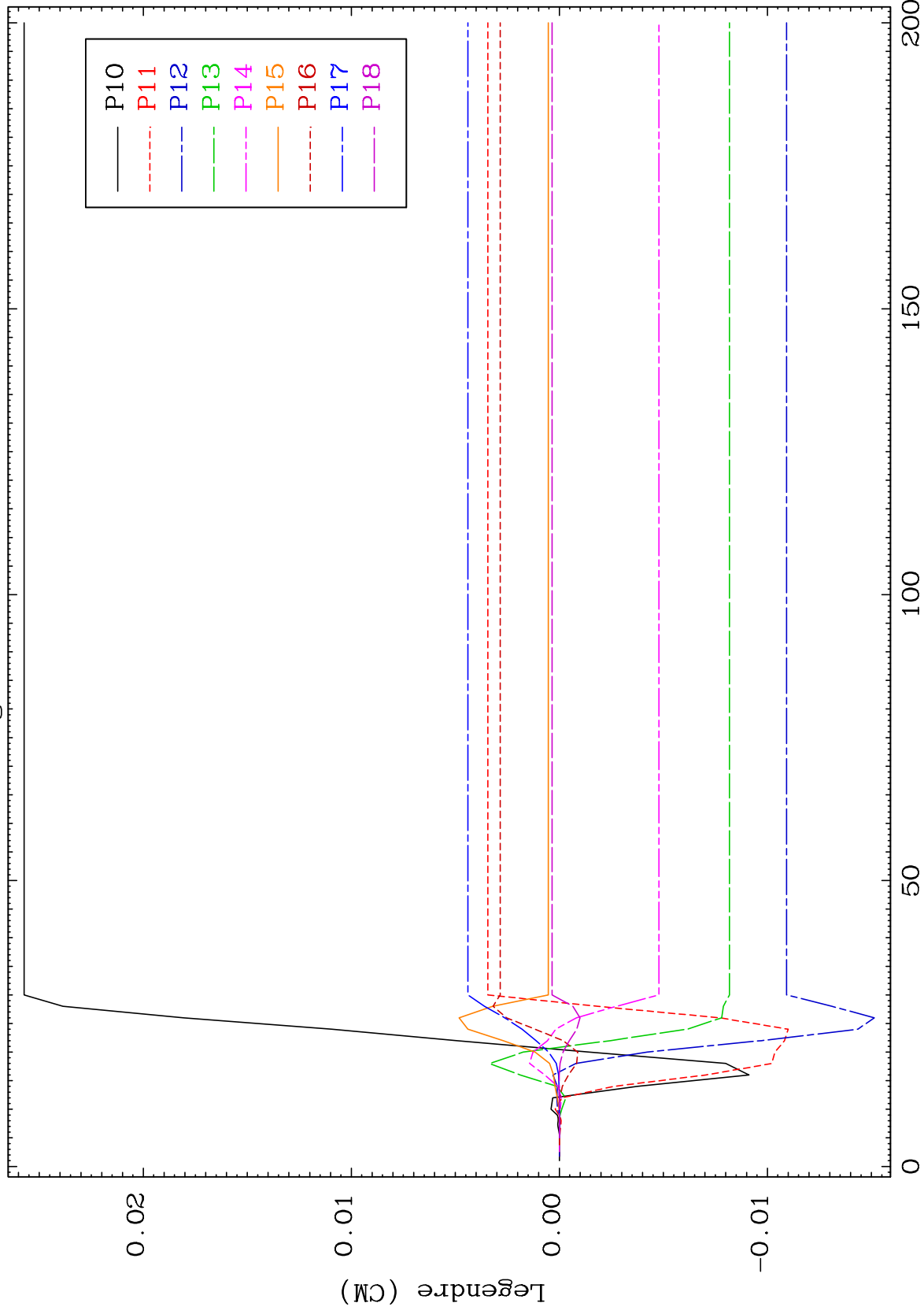




MAT 7416

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

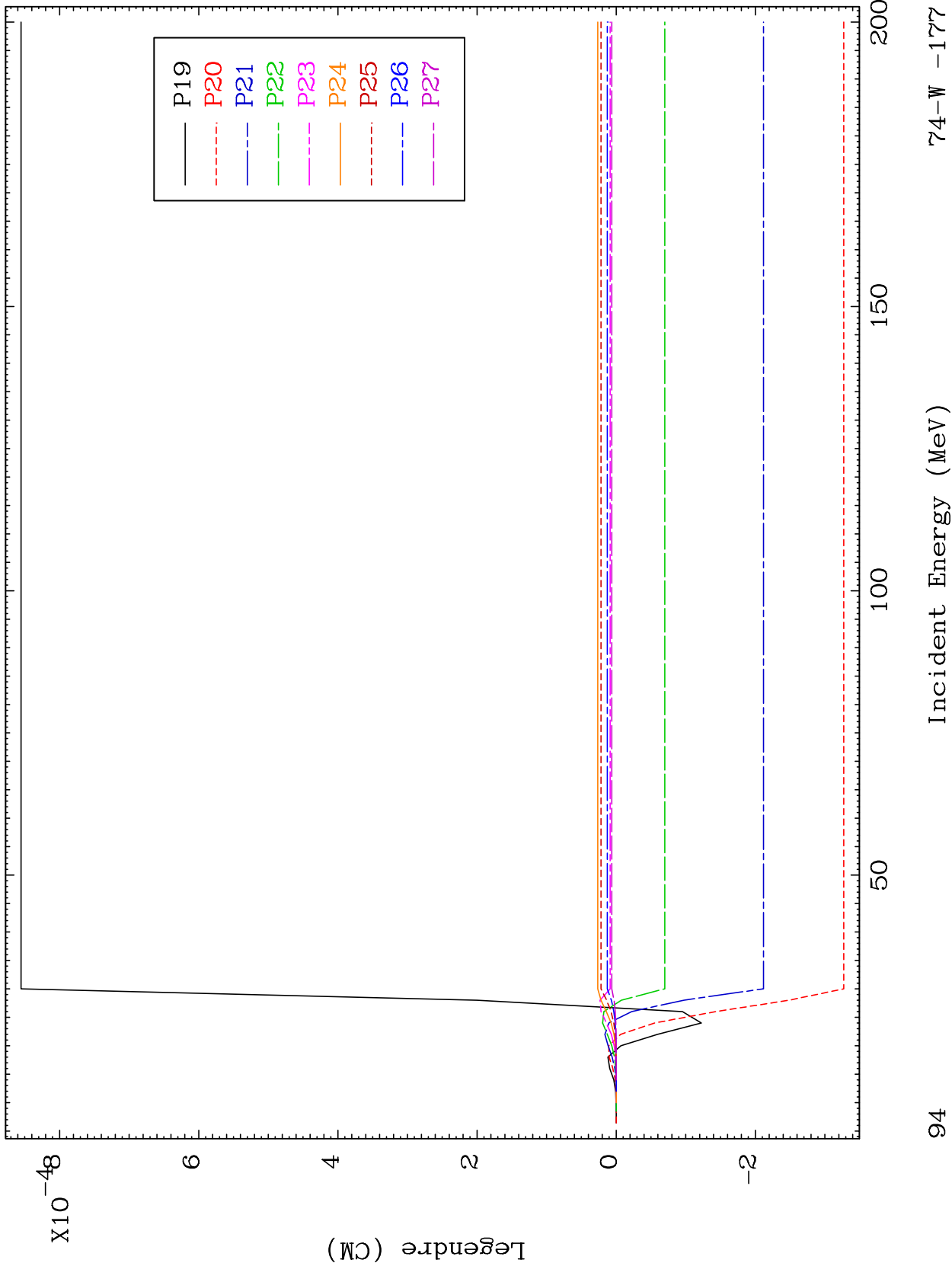
74-W -177

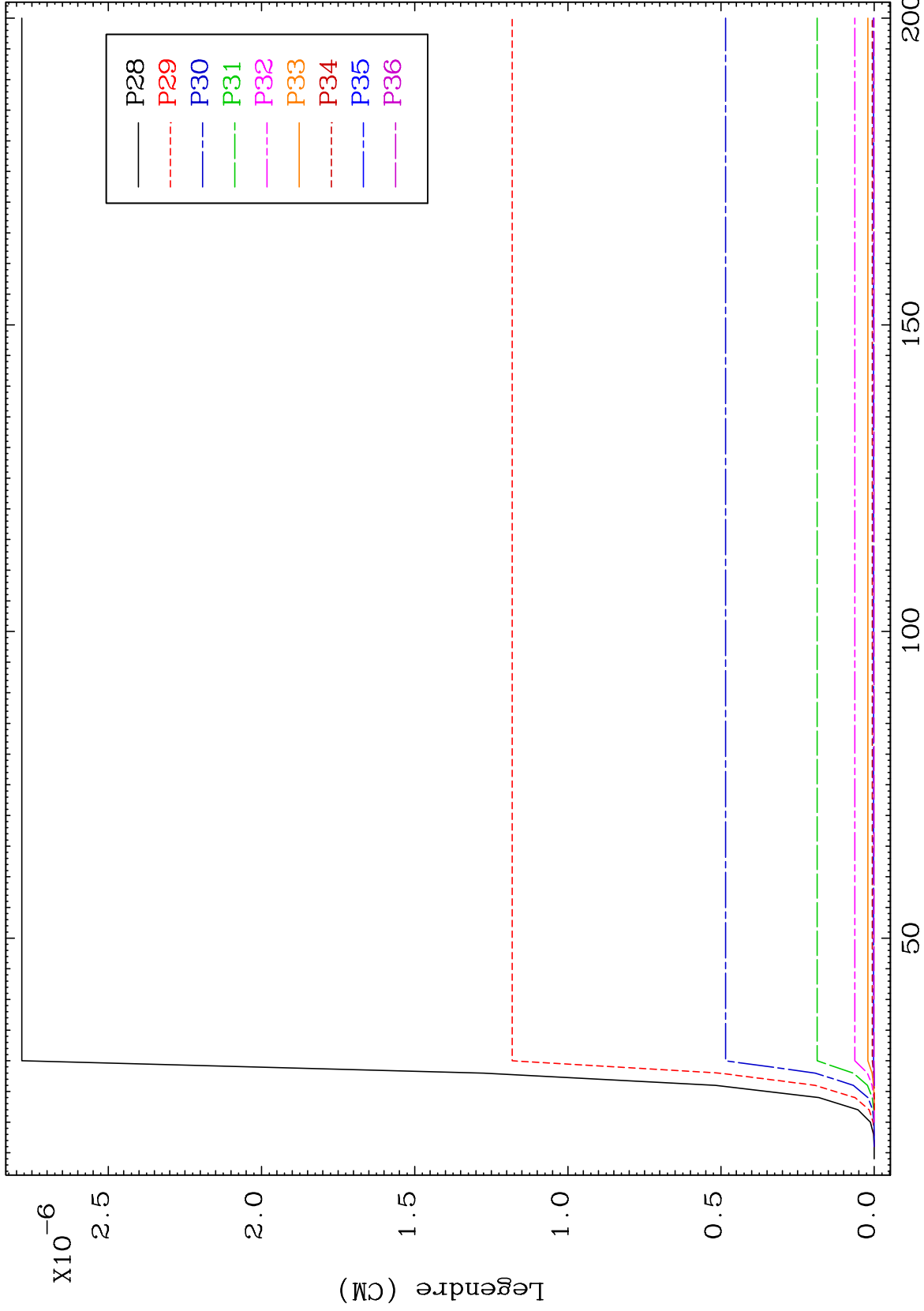


93

Incident Energy (MeV)

74-W -177



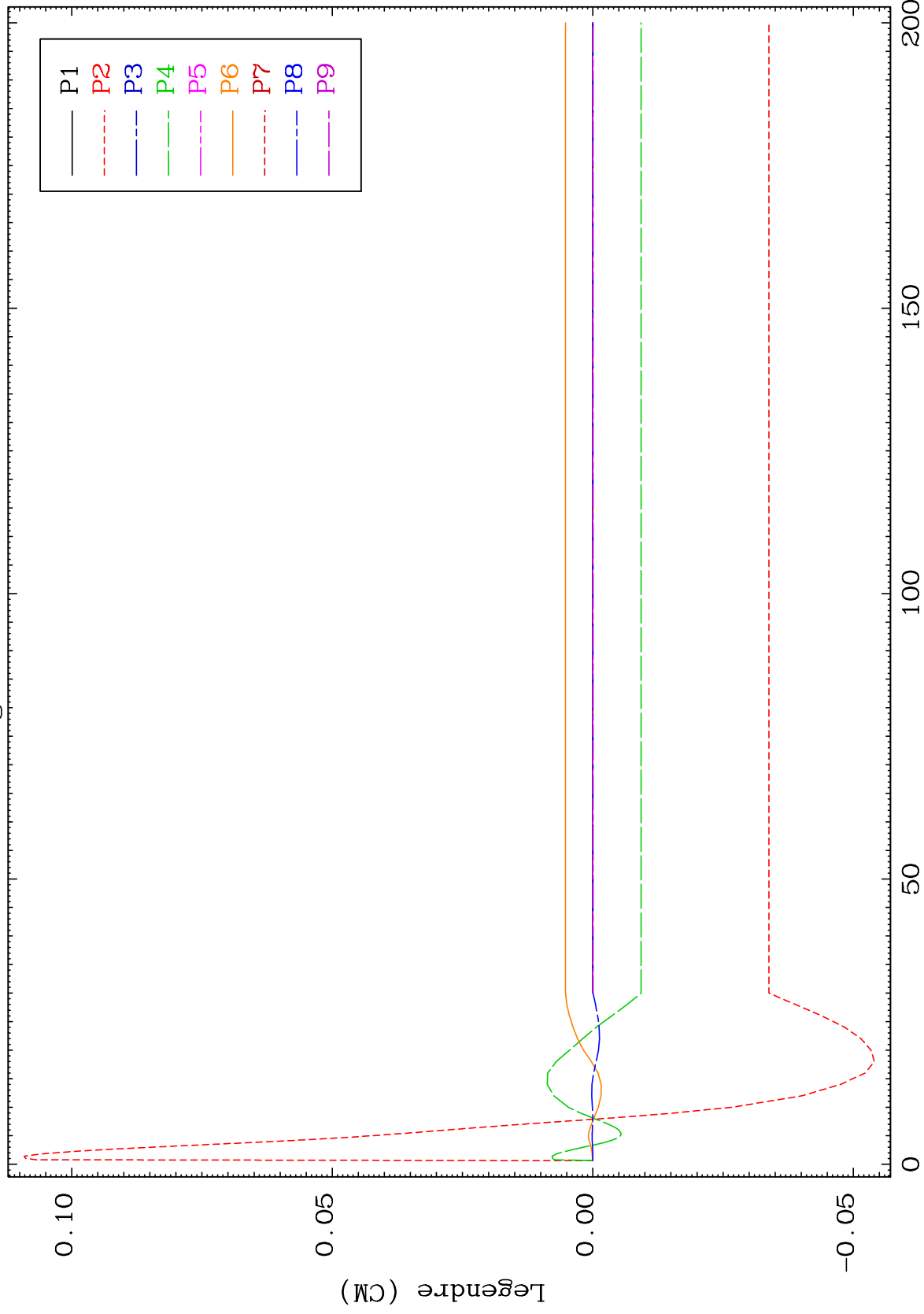




MAT 7416

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

74-W -177



96

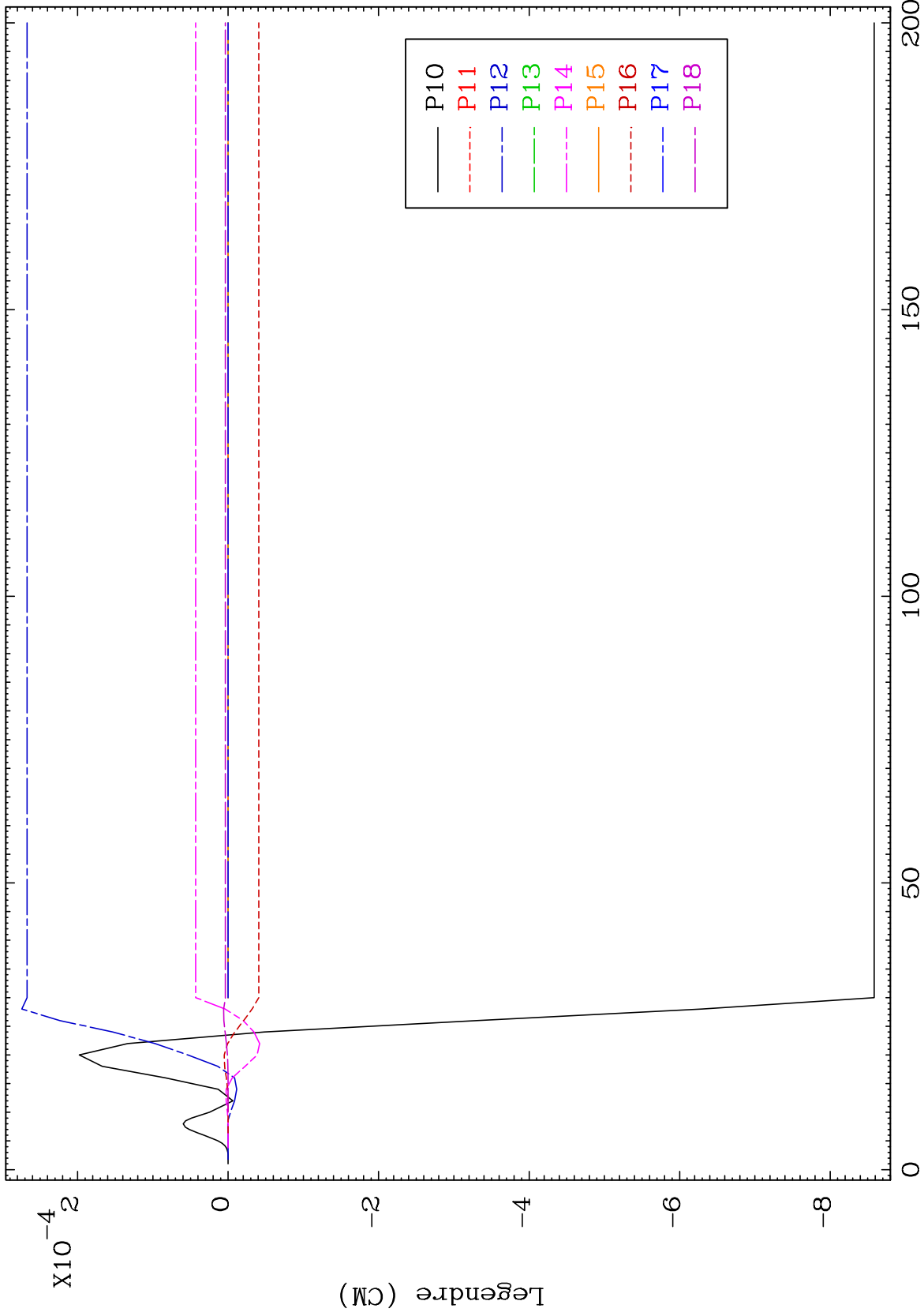
Incident Energy (MeV)

74-W -177

MAT 7416

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

74-W -177



97

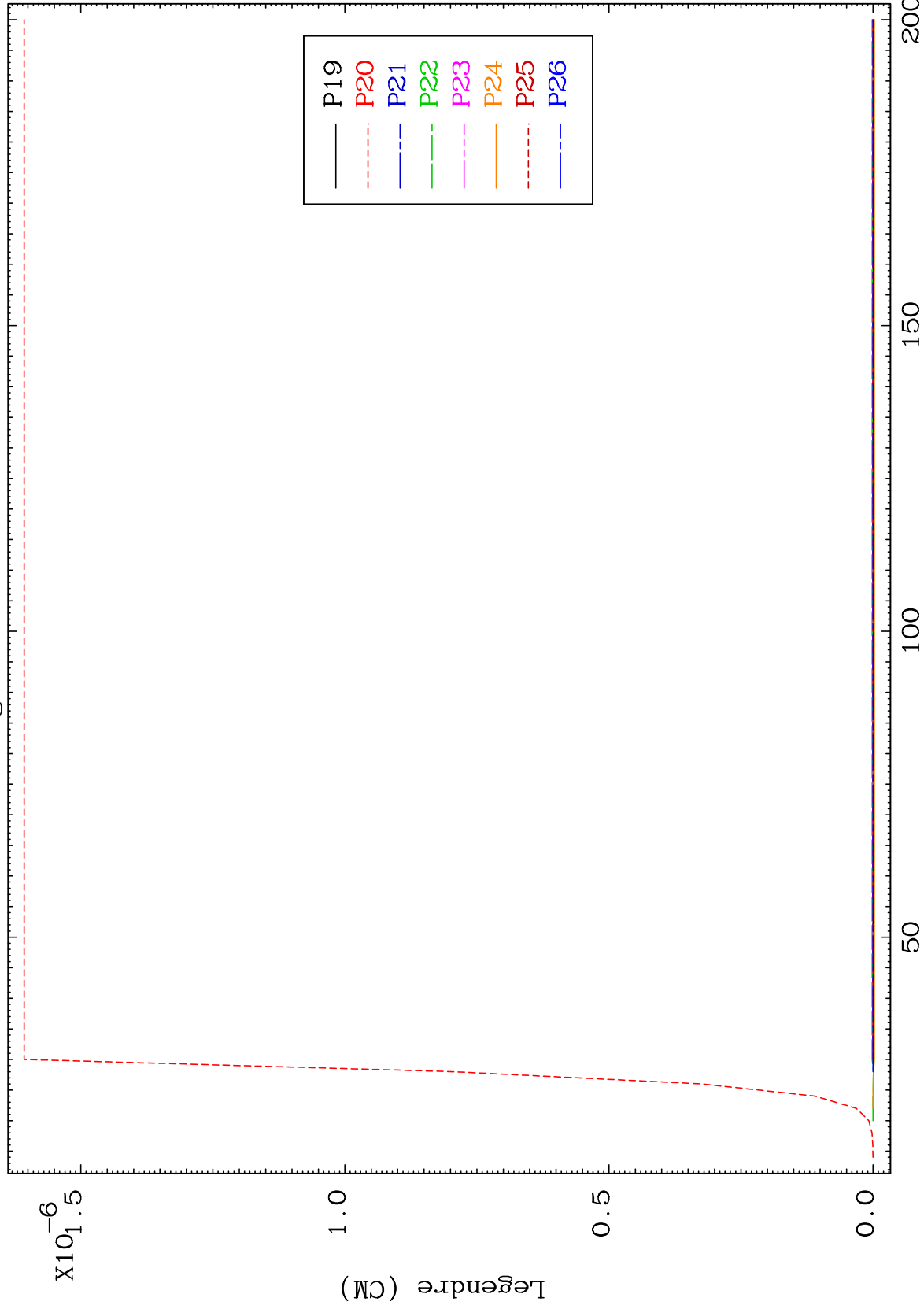
Incident Energy (MeV)

74-W -177

MAT 7416

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

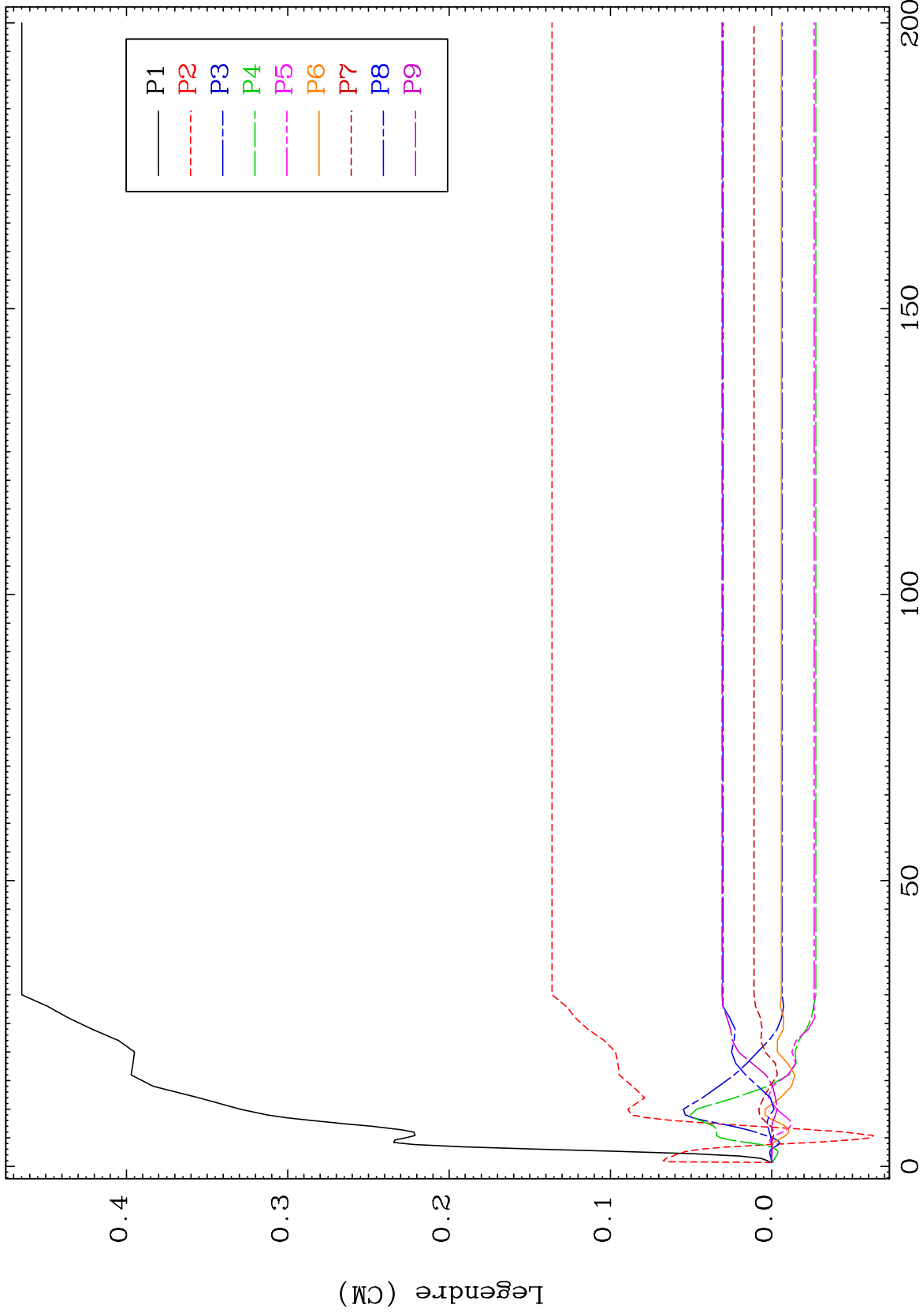
74-W -177



98

Incident Energy (MeV)

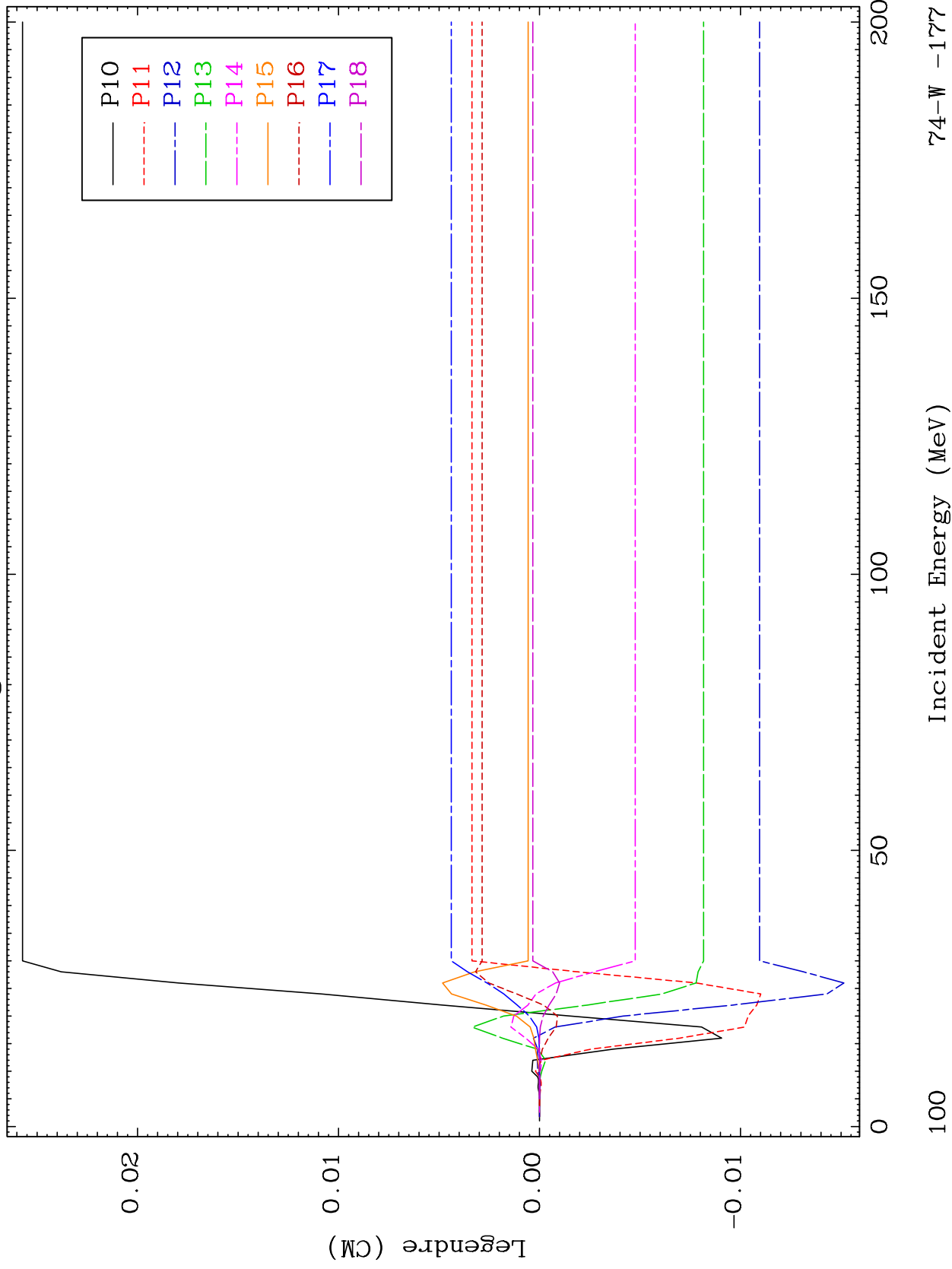
74-W -177



MAT 7416

MT= 71 (n,n') Level  
Legendre Coefficients

74-W -177



74-W -177

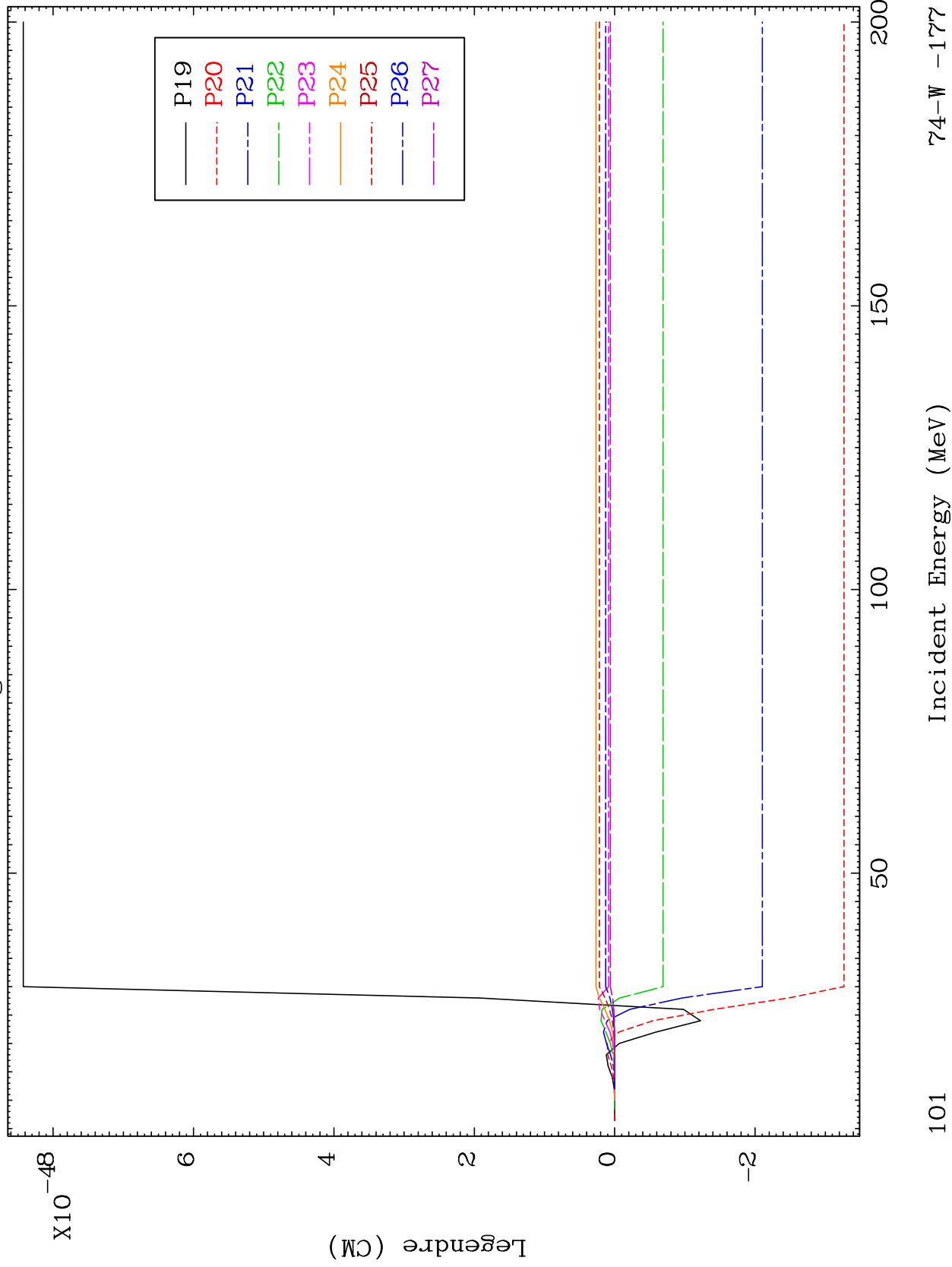
Incident Energy (MeV)

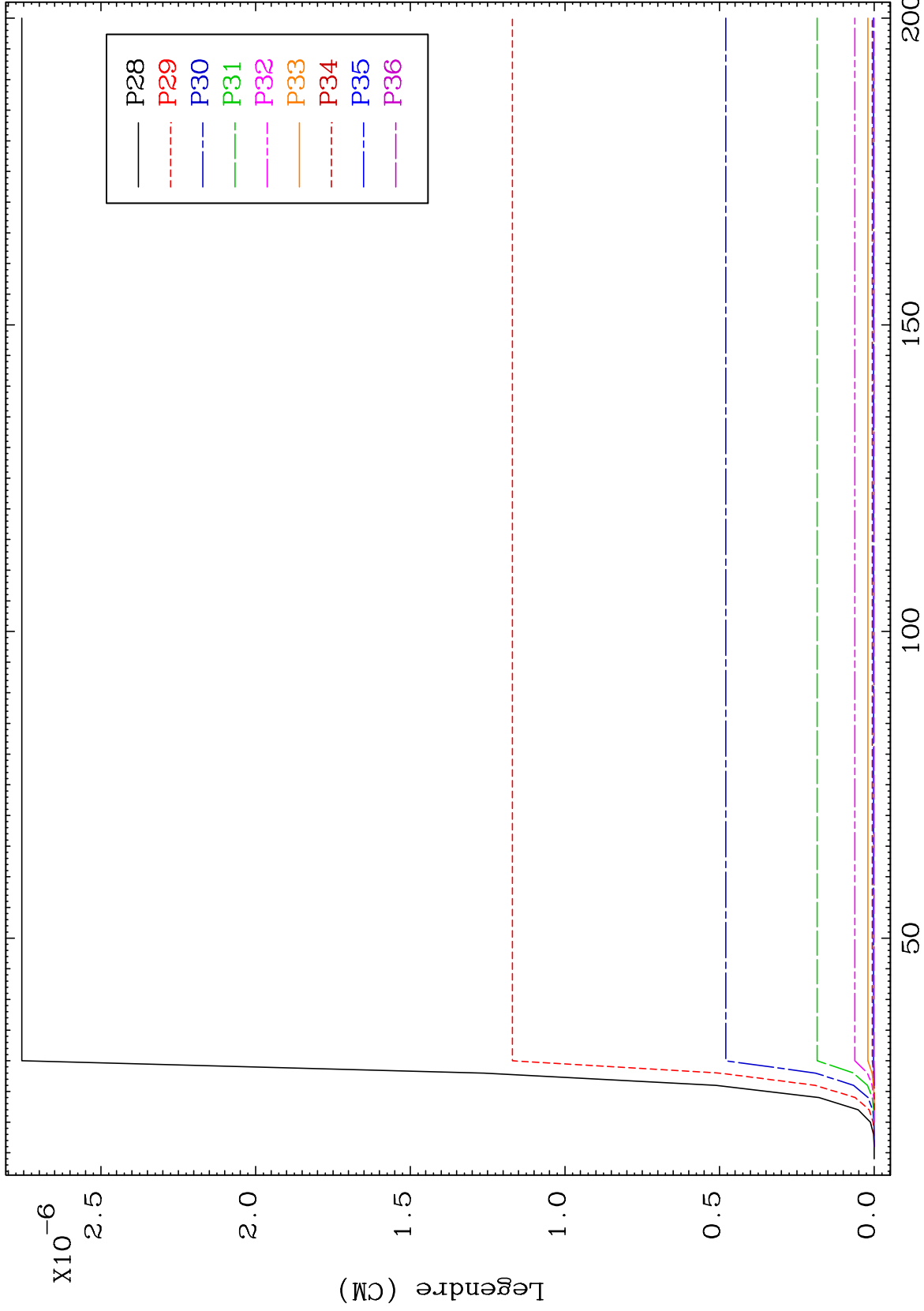
100

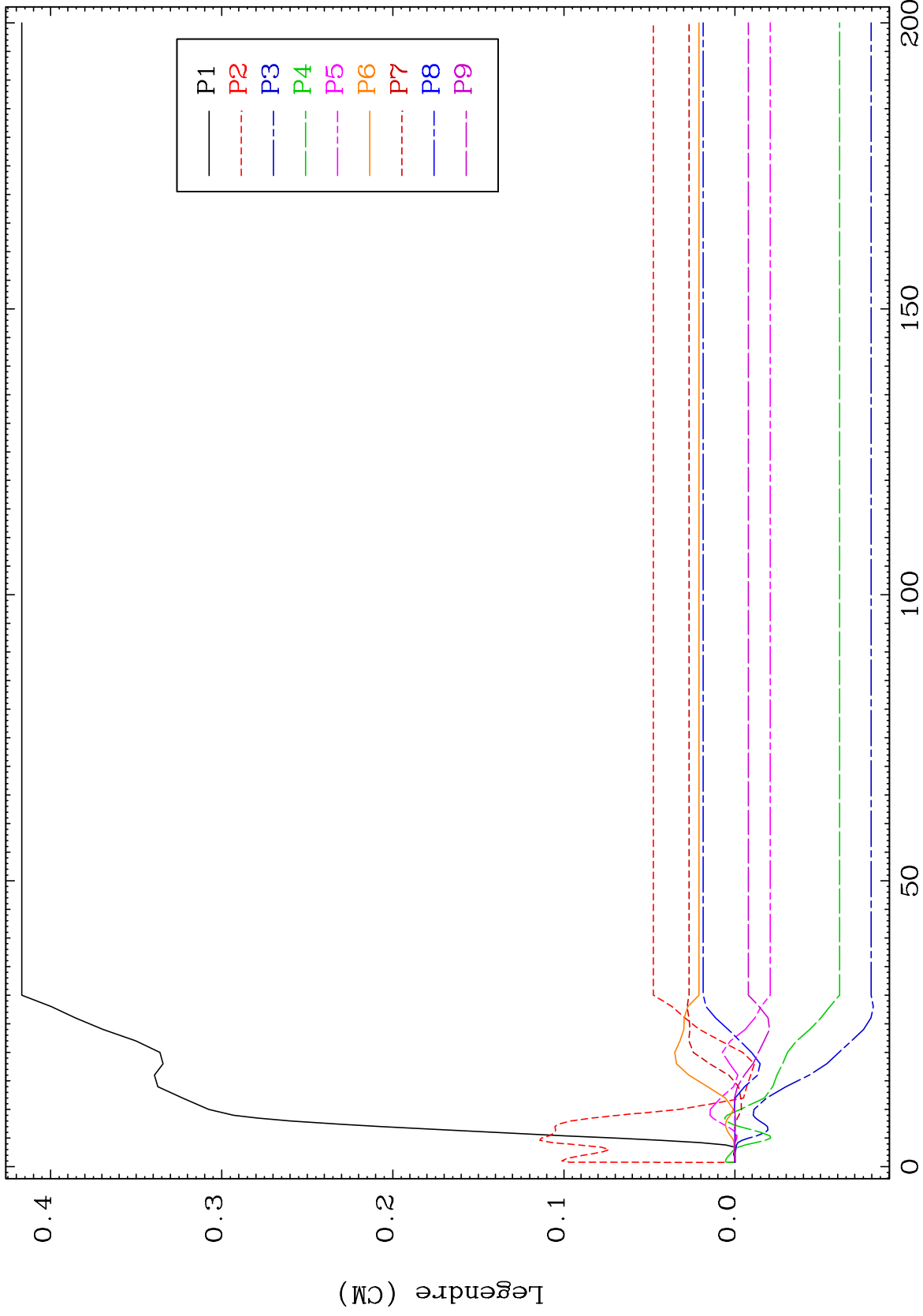
MAT 7416

MT= 71 (n,n') Level  
Legendre Coefficients

74-W -177





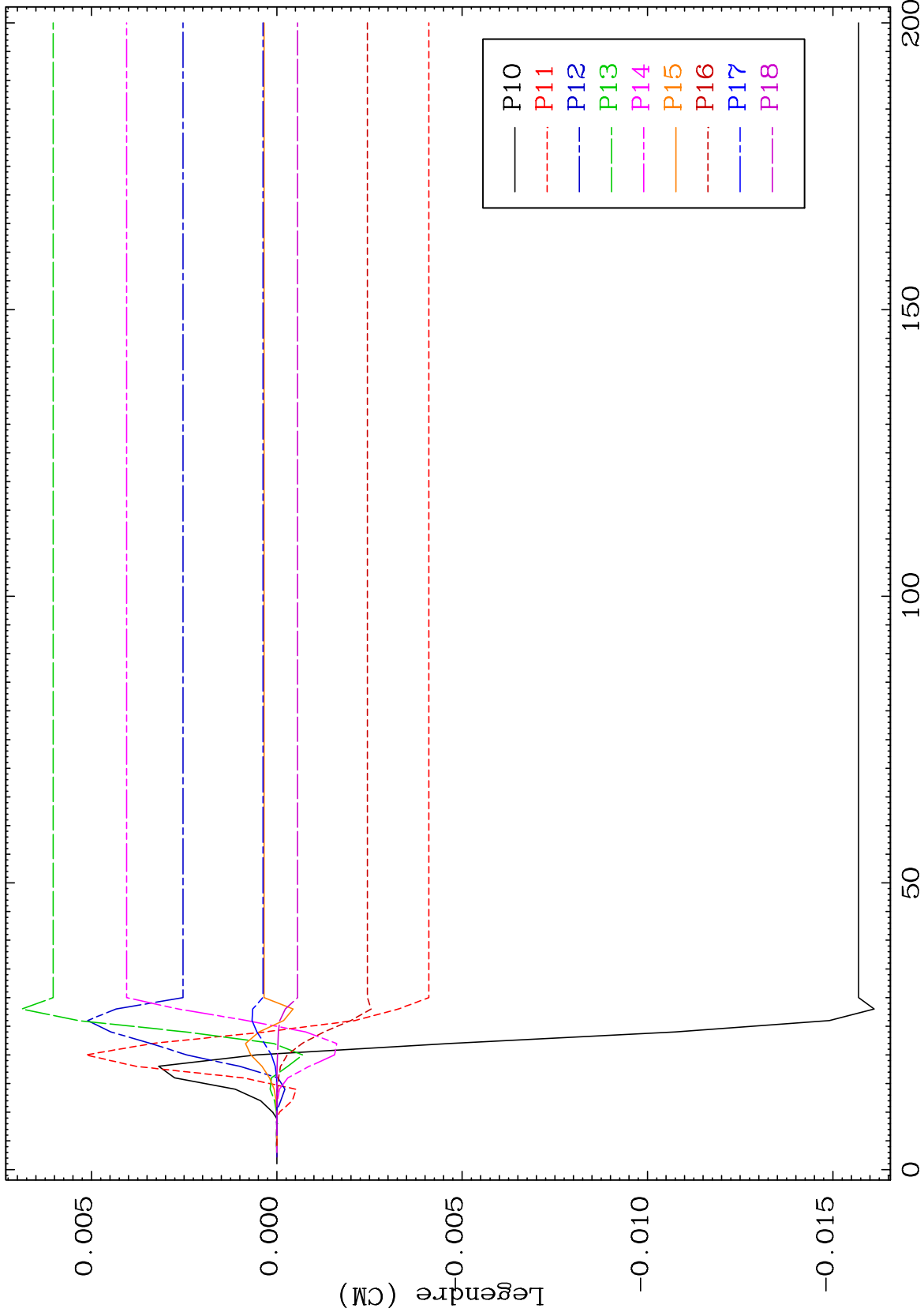




MAT 7416

MT= 72 (n,n') Level  
Legendre Coefficients

74-W -177



104

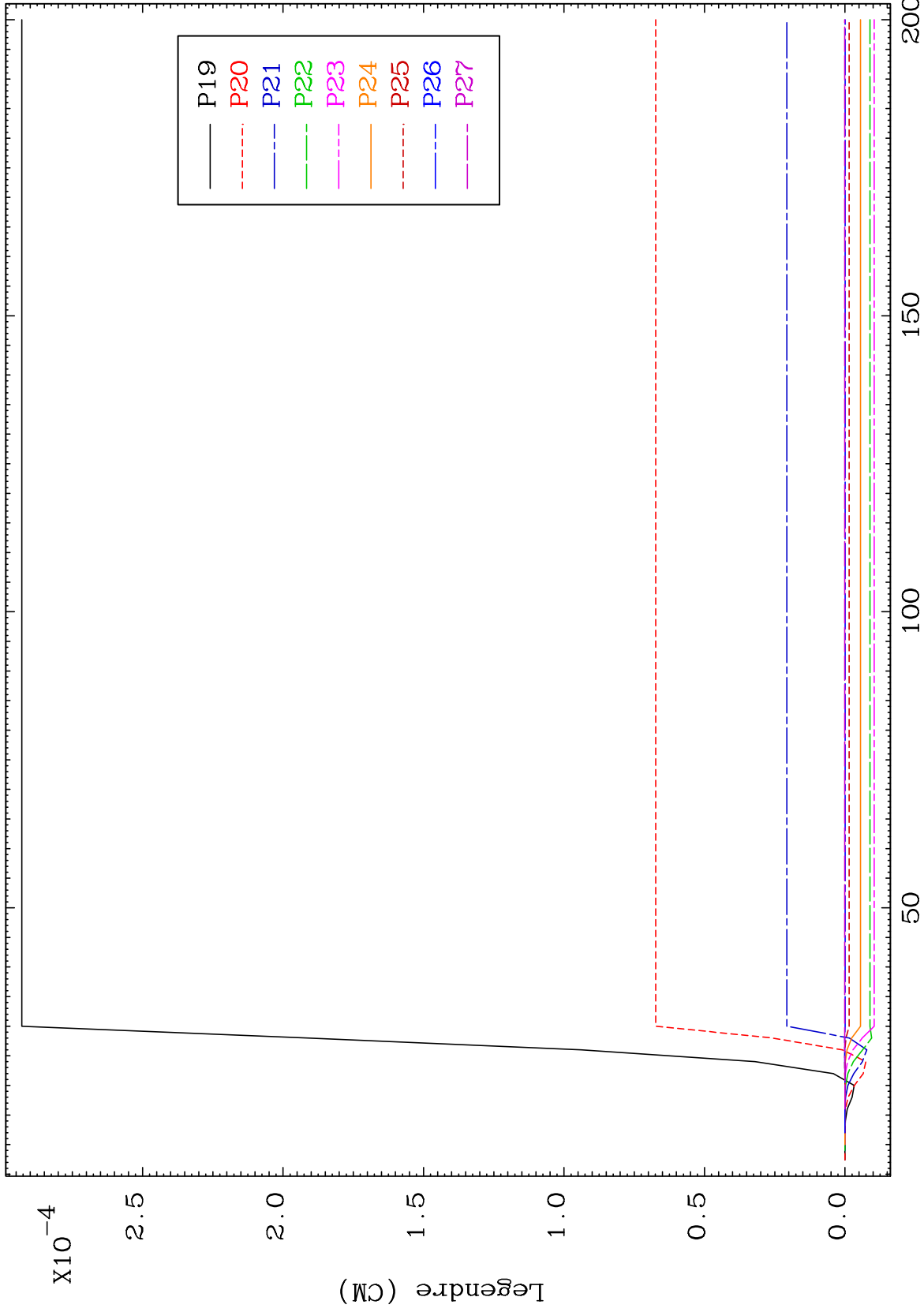
Incident Energy (MeV)

74-W -177

MAT 7416

MT= 72 (n,n') Level  
Legendre Coefficients

74-W -177



105

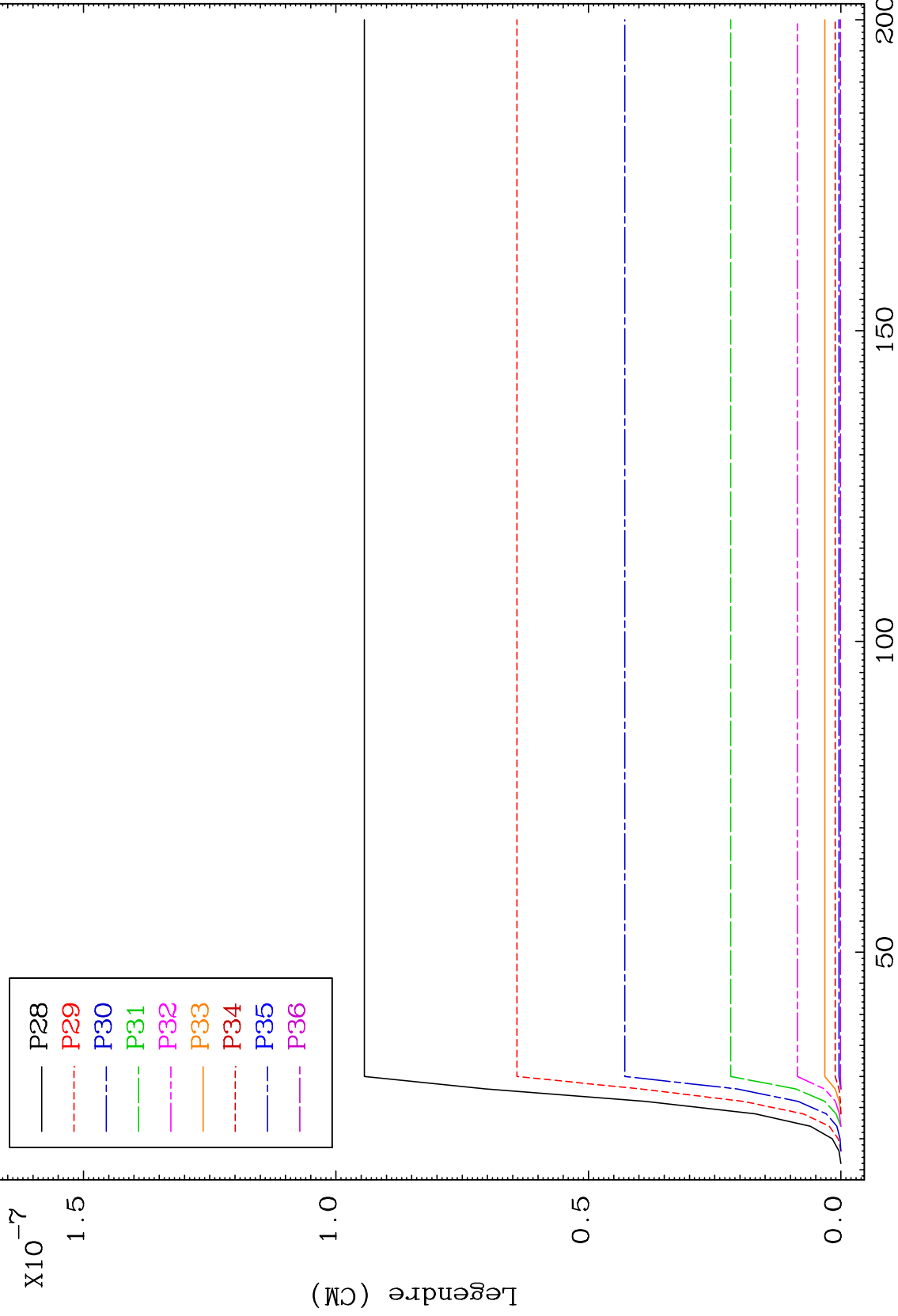
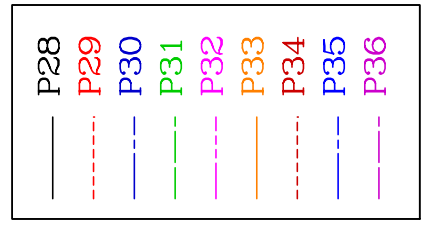
Incident Energy (MeV)

74-W -177

MAT 7416

MT= 72 (n,n') Level  
Legendre Coefficients

74-W -177



106

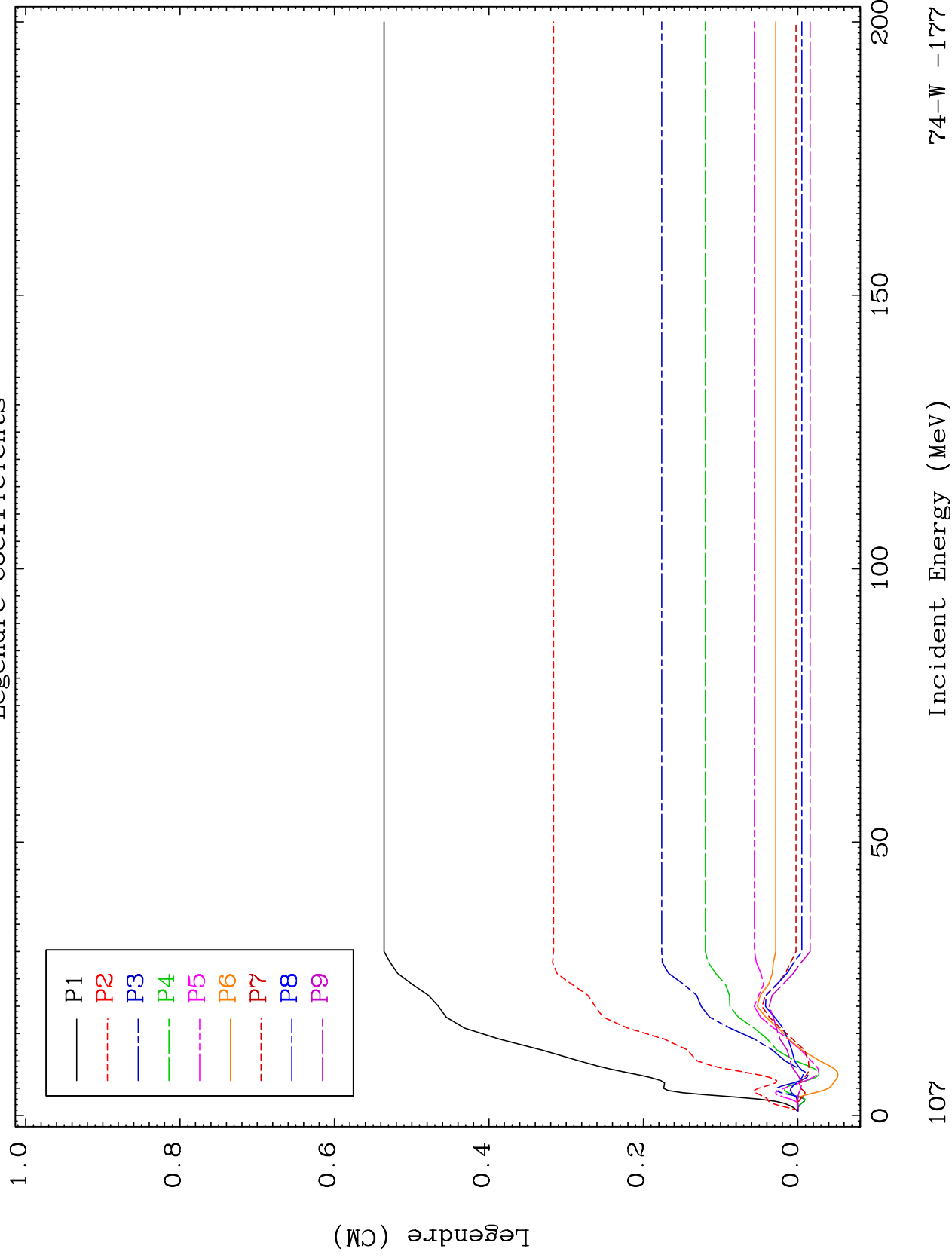
Incident Energy (MeV)

74-W -177

MAT 7416

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

74-W -177



107

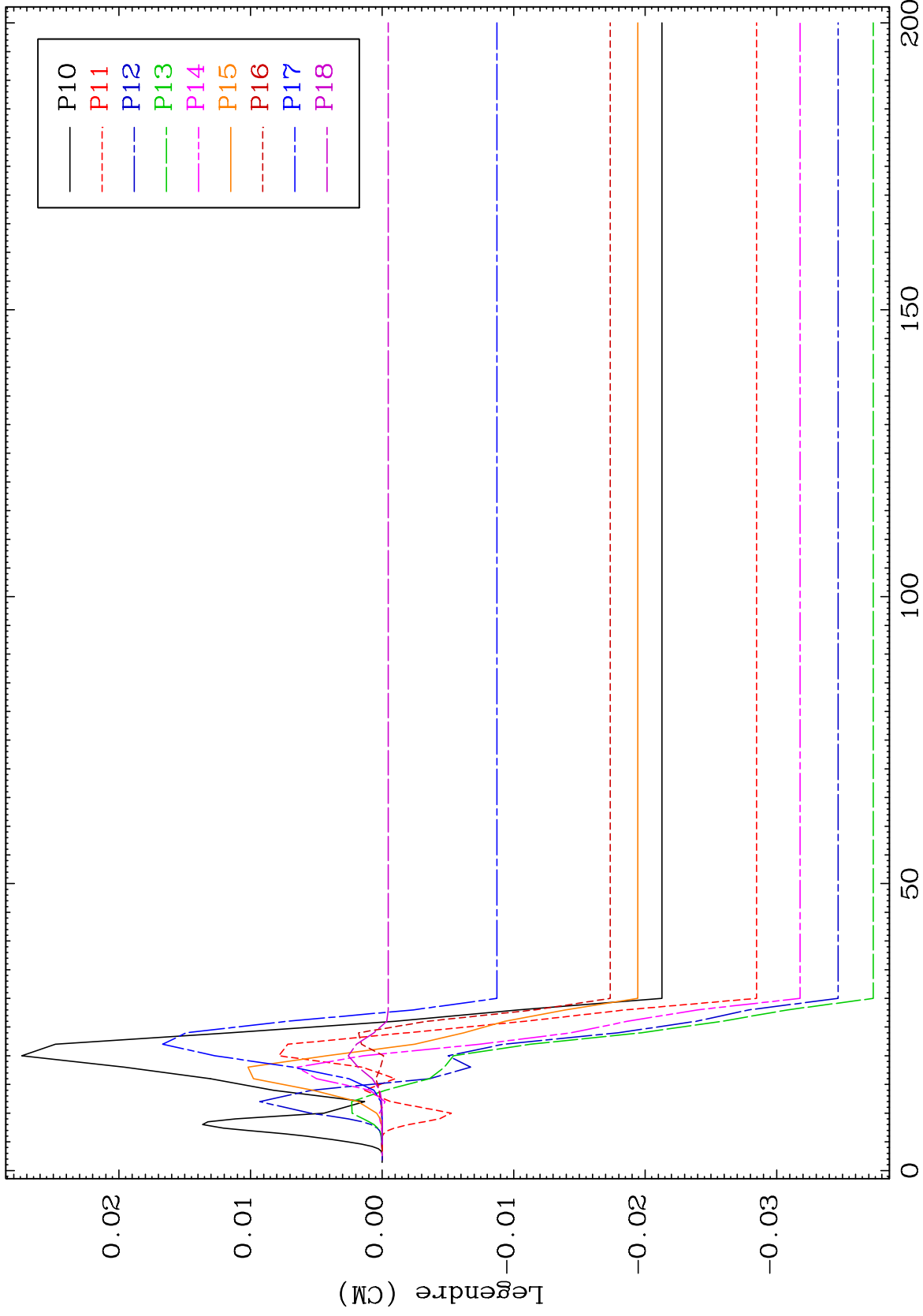
Incident Energy (MeV)

74-W -177

MAT 7416

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

74-W -177



108

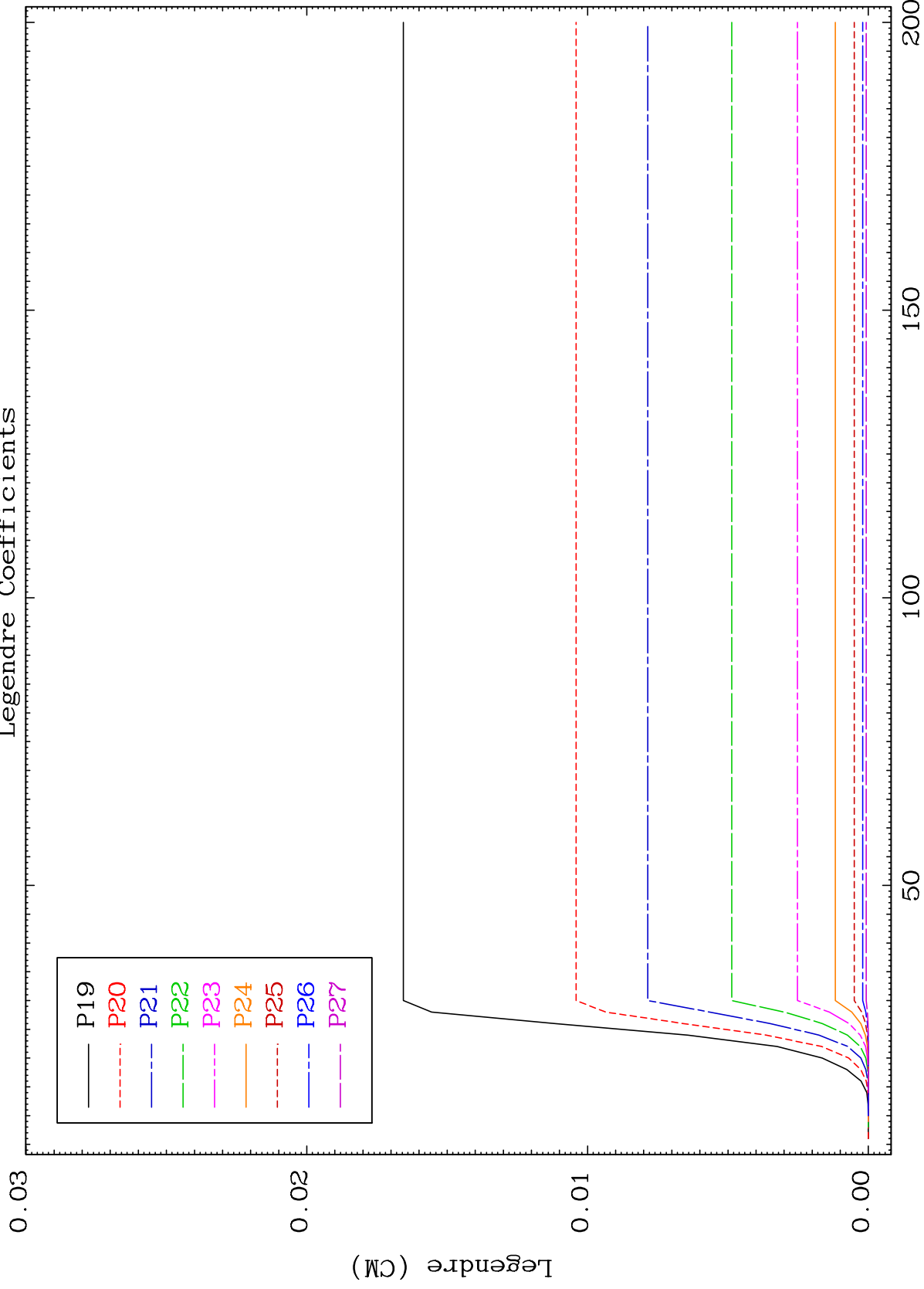
Incident Energy (MeV)

74-W -177

MAT 7416

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

74-W -177



109

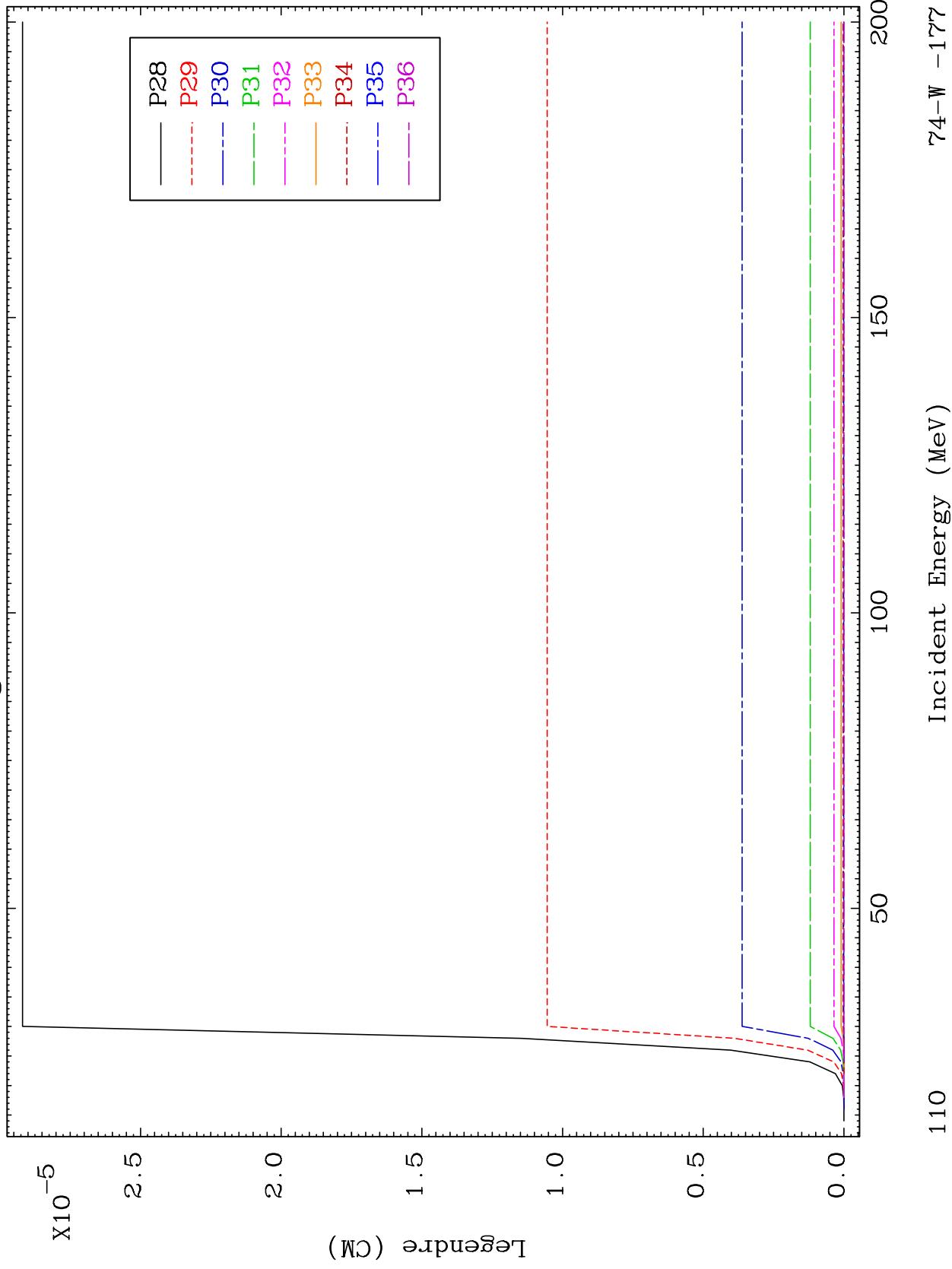
Incident Energy (MeV)

74-W -177

MAT 7416

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

74-W -177



110

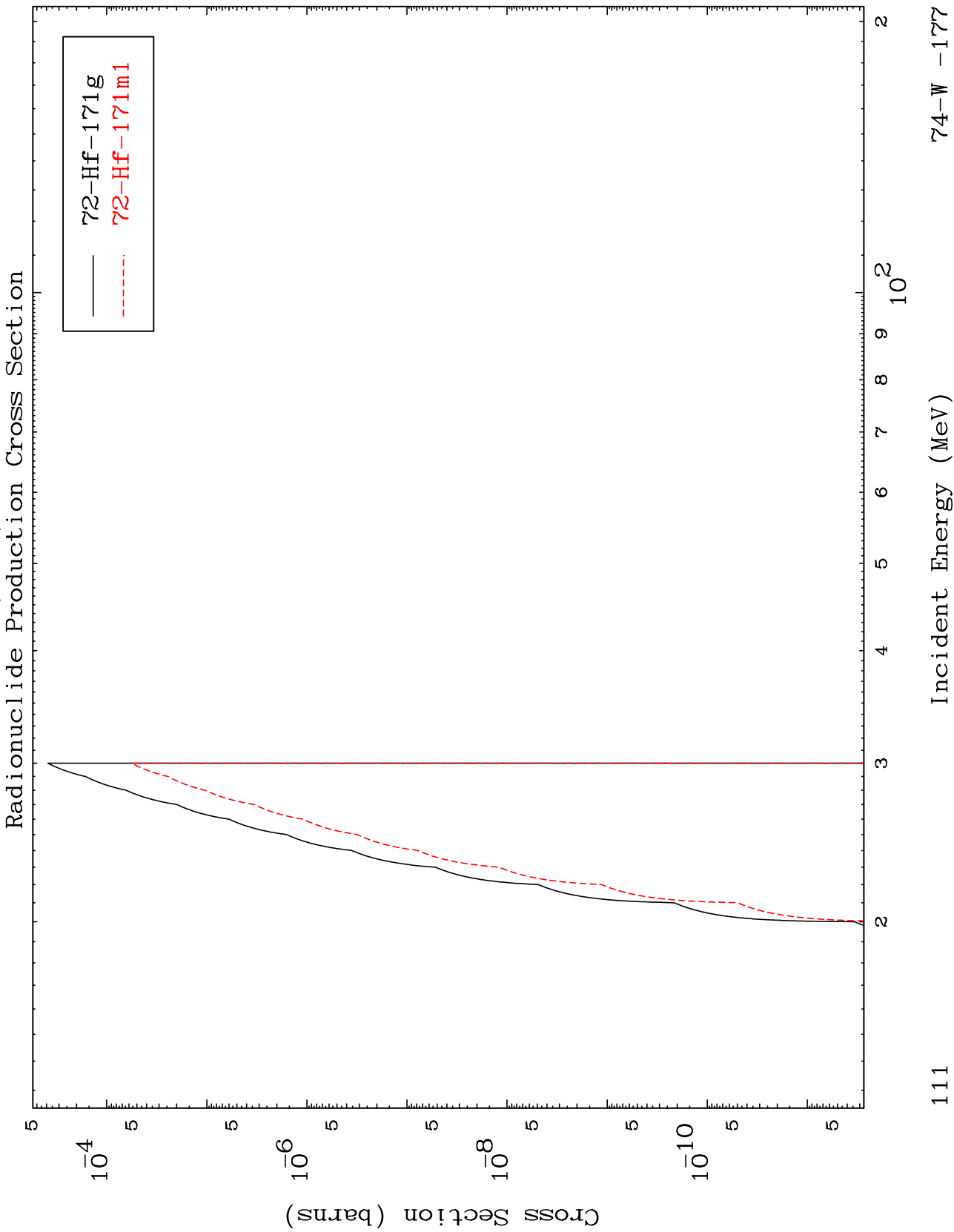
Incident Energy (MeV)

74-W -177

MAT 7416

(n,3n)  $\alpha$

74-W -177



111

Incident Energy (MeV)

74-W -177

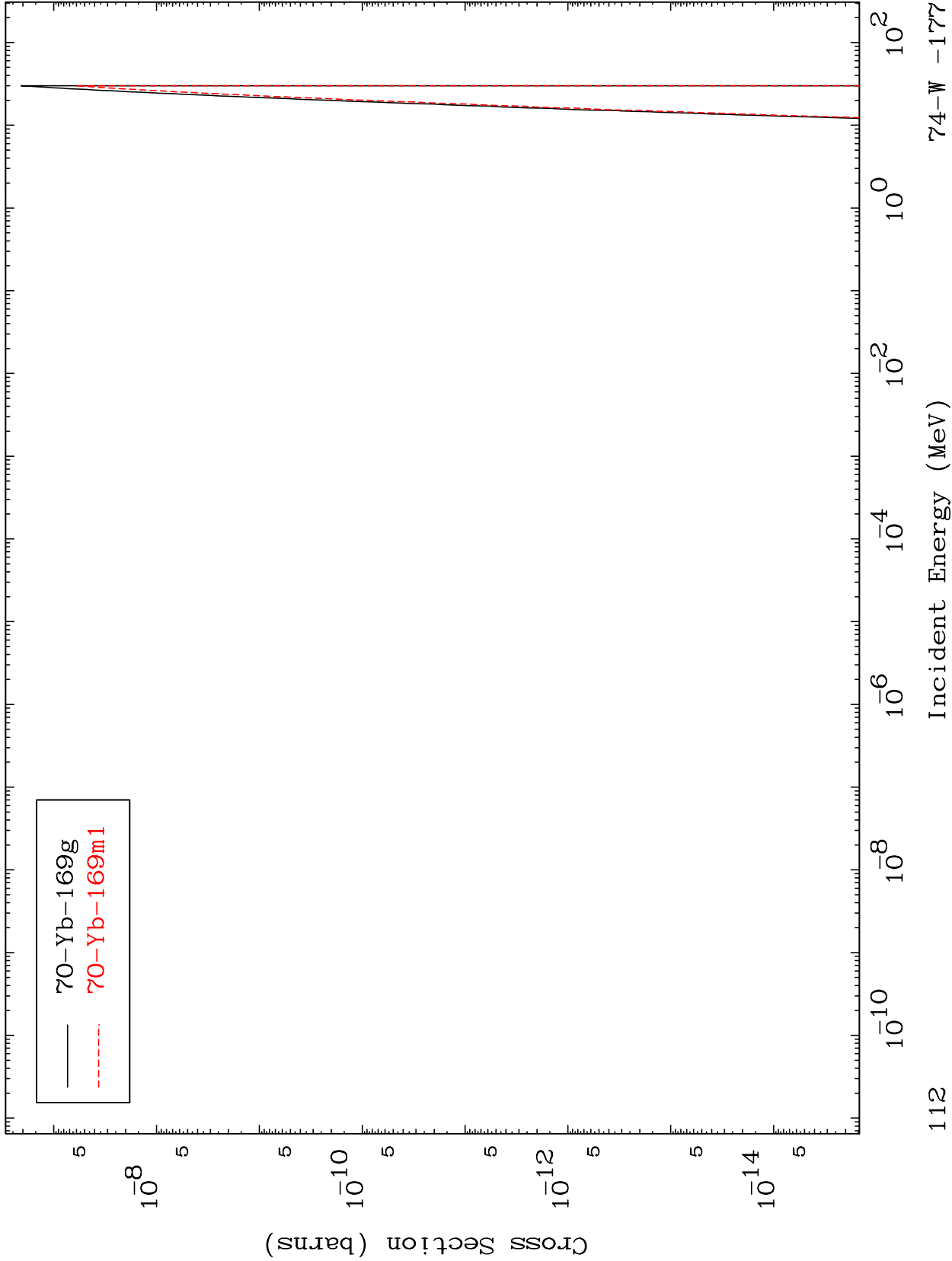


MAT 7416

(n,n') 2α

74-W -177

Radionuclide Production Cross Section

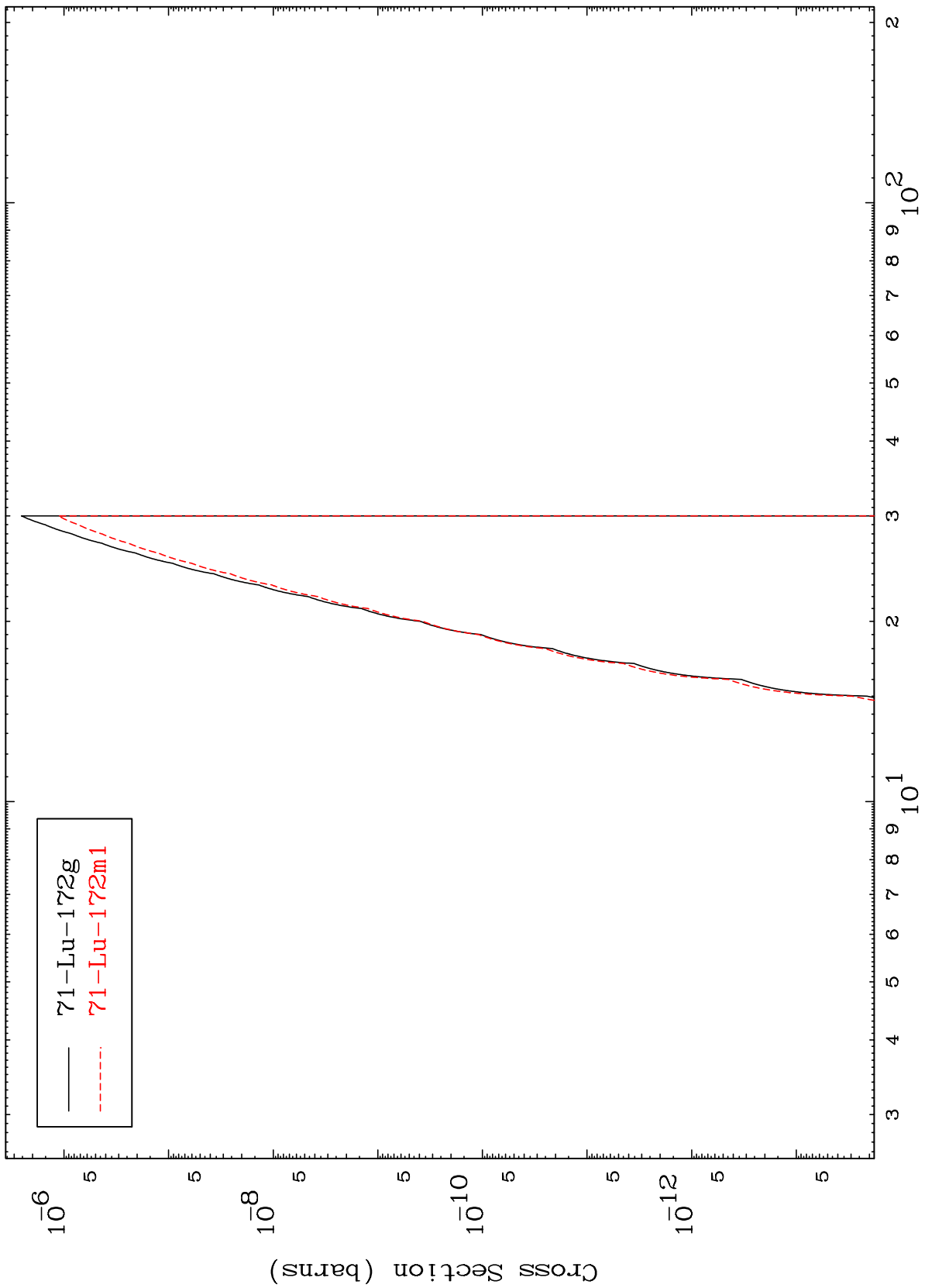


112

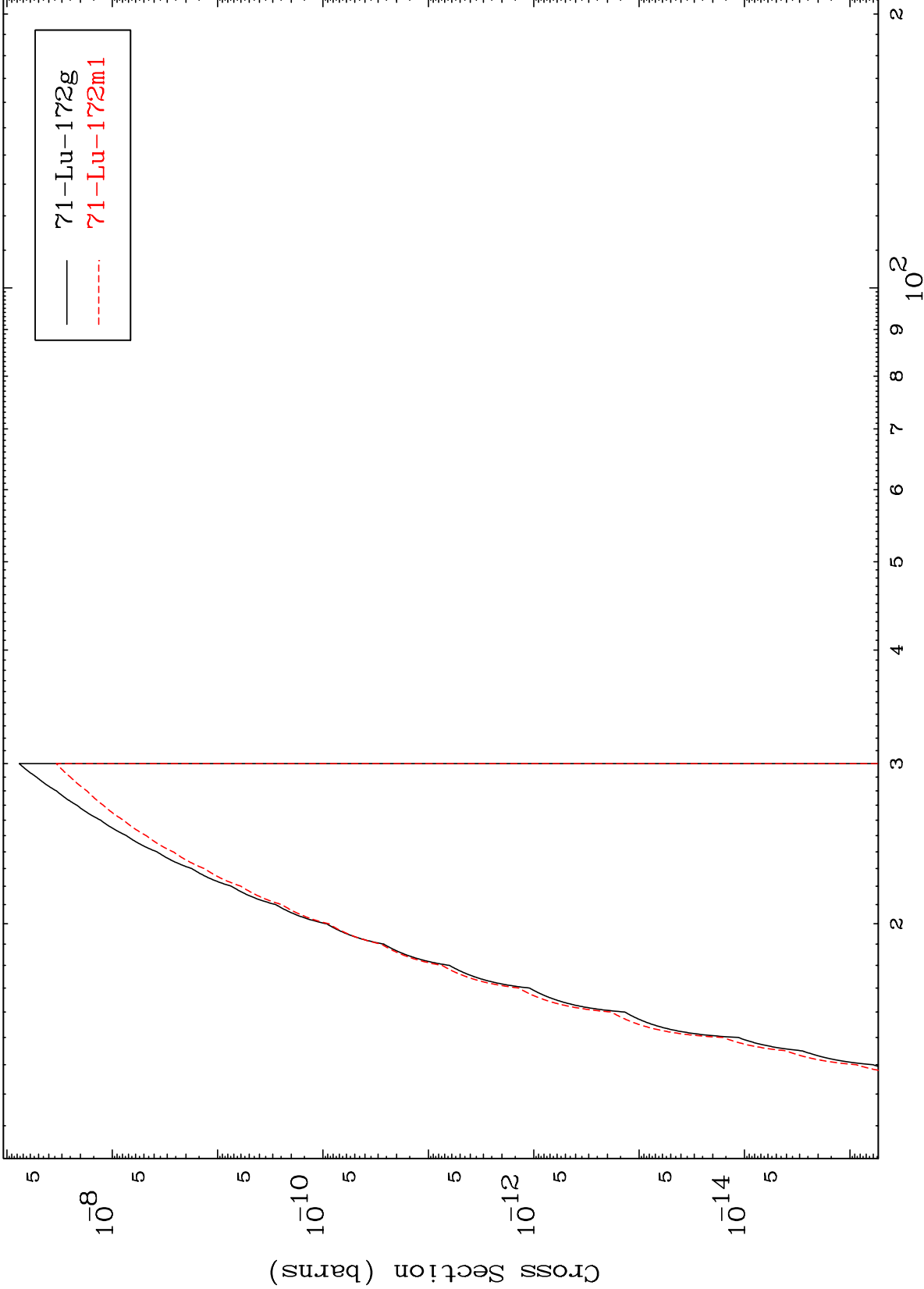
Incident Energy (MeV)

74-W -177

Radionuclide Production Cross Section



Radionuclide Production Cross Section



— 71-Lu-172g  
- - - 71-Lu-172m1