

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](mailto:redcullen1@comcast.net)

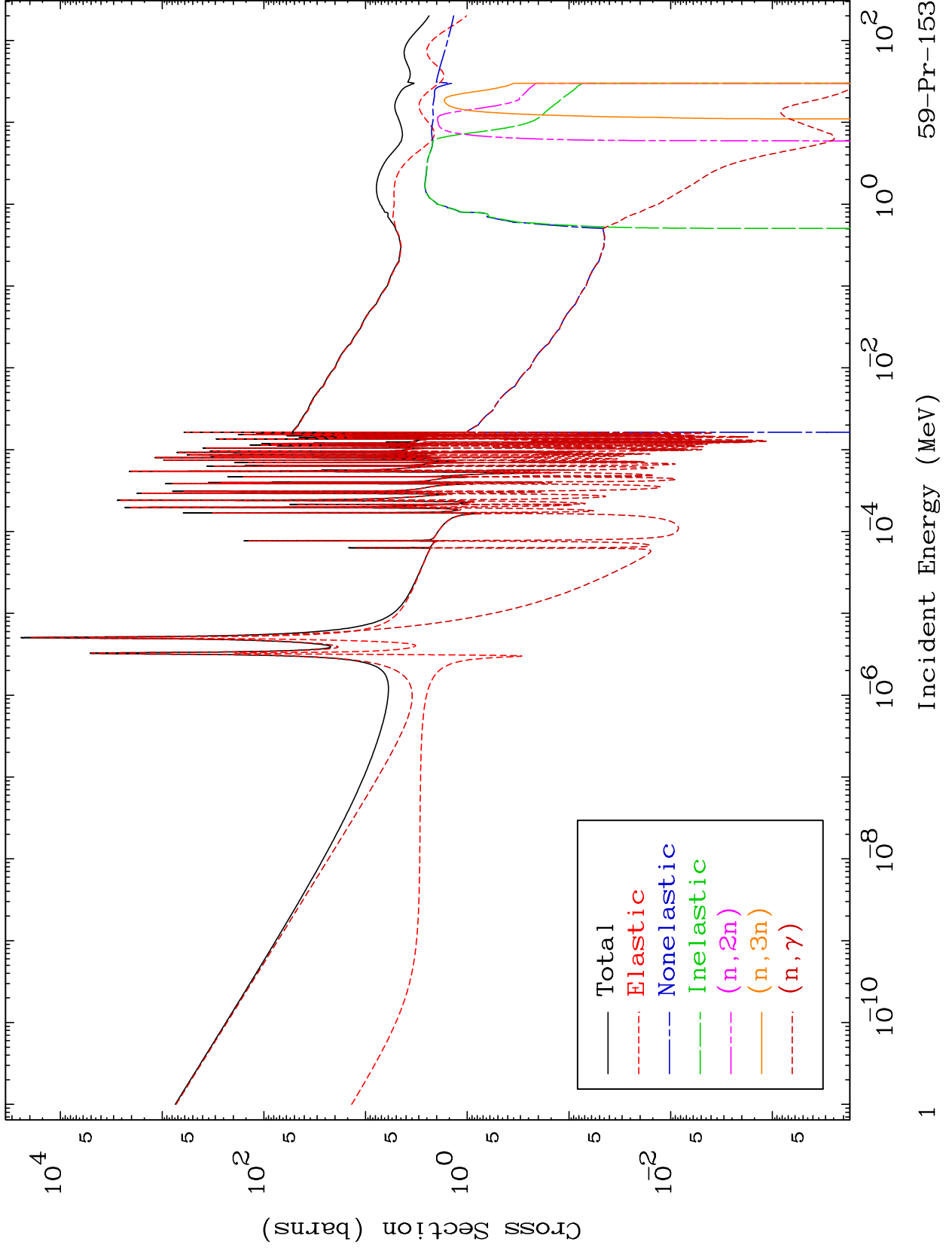
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

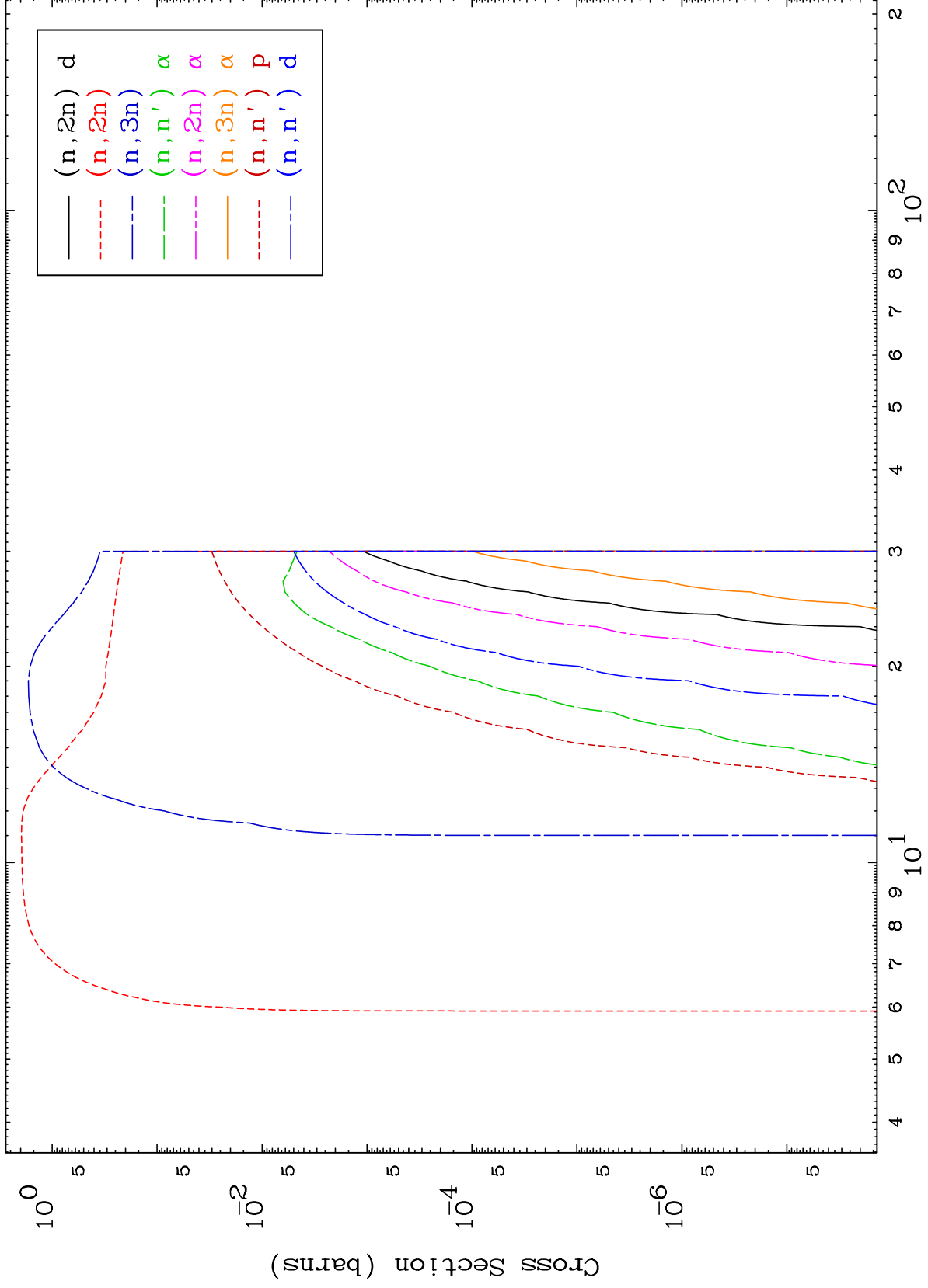
Press Mouse Button to Start

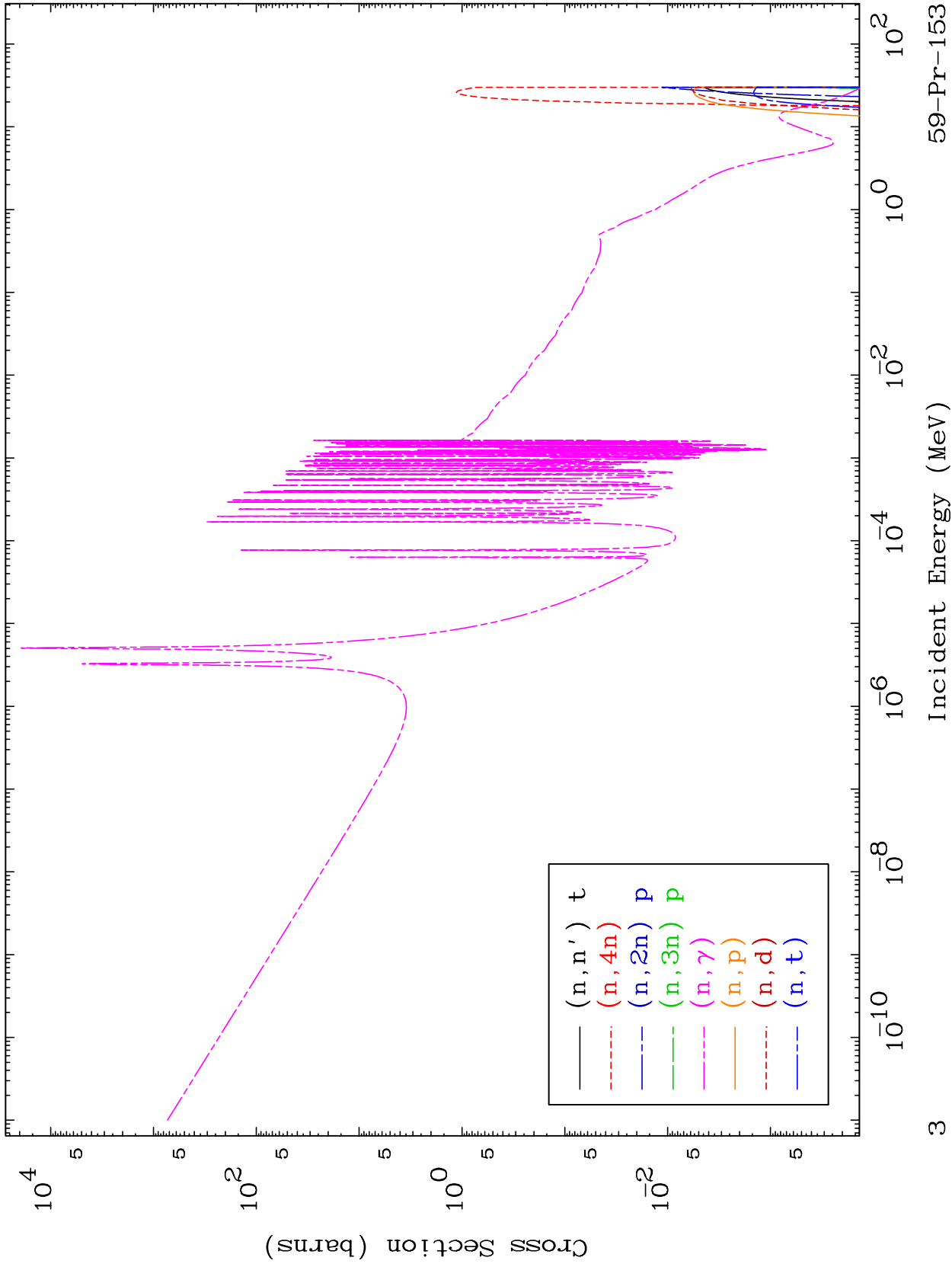
MAT 5961

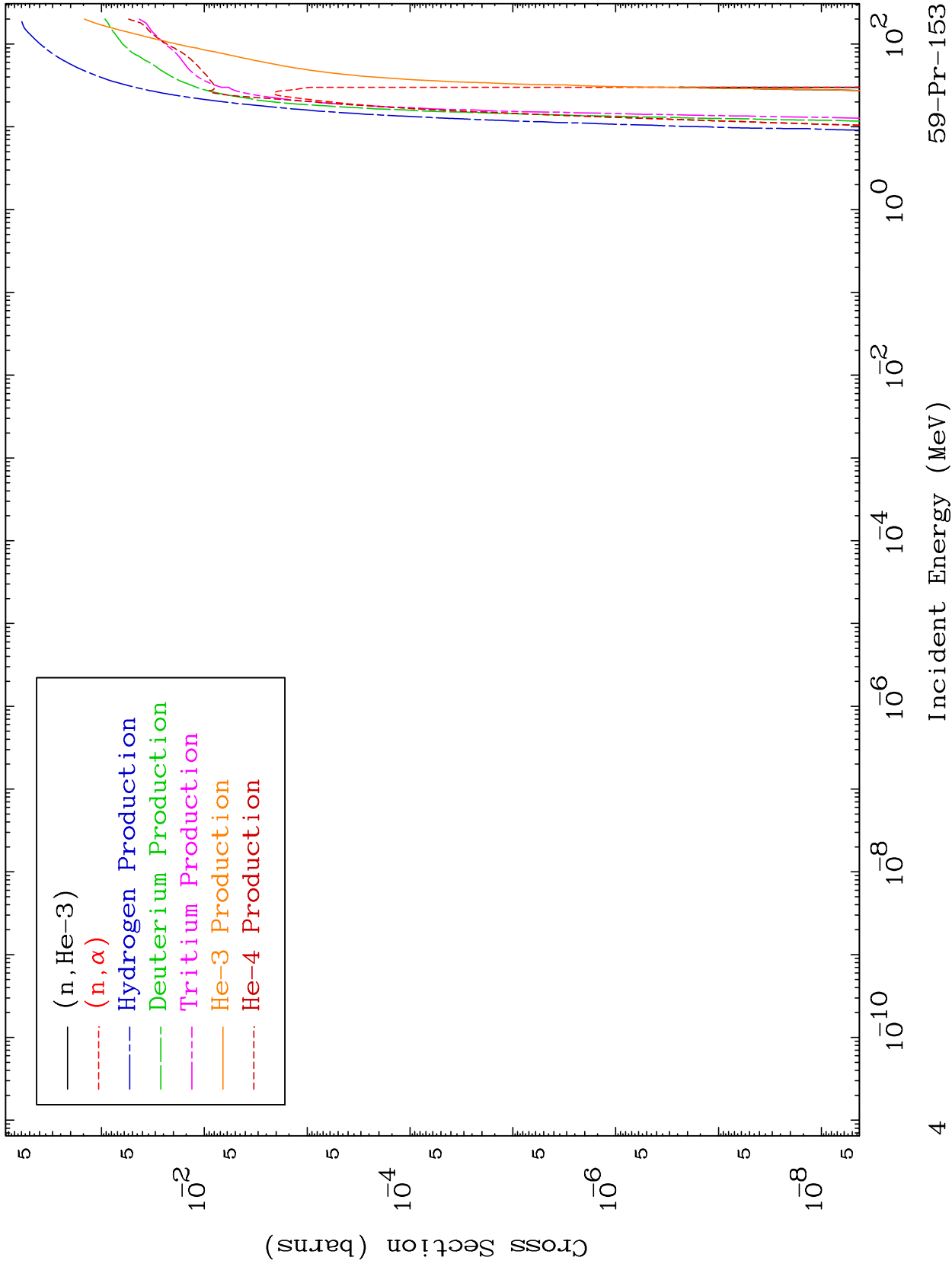
Neutron Major  
293 Kelvin Cross Sections

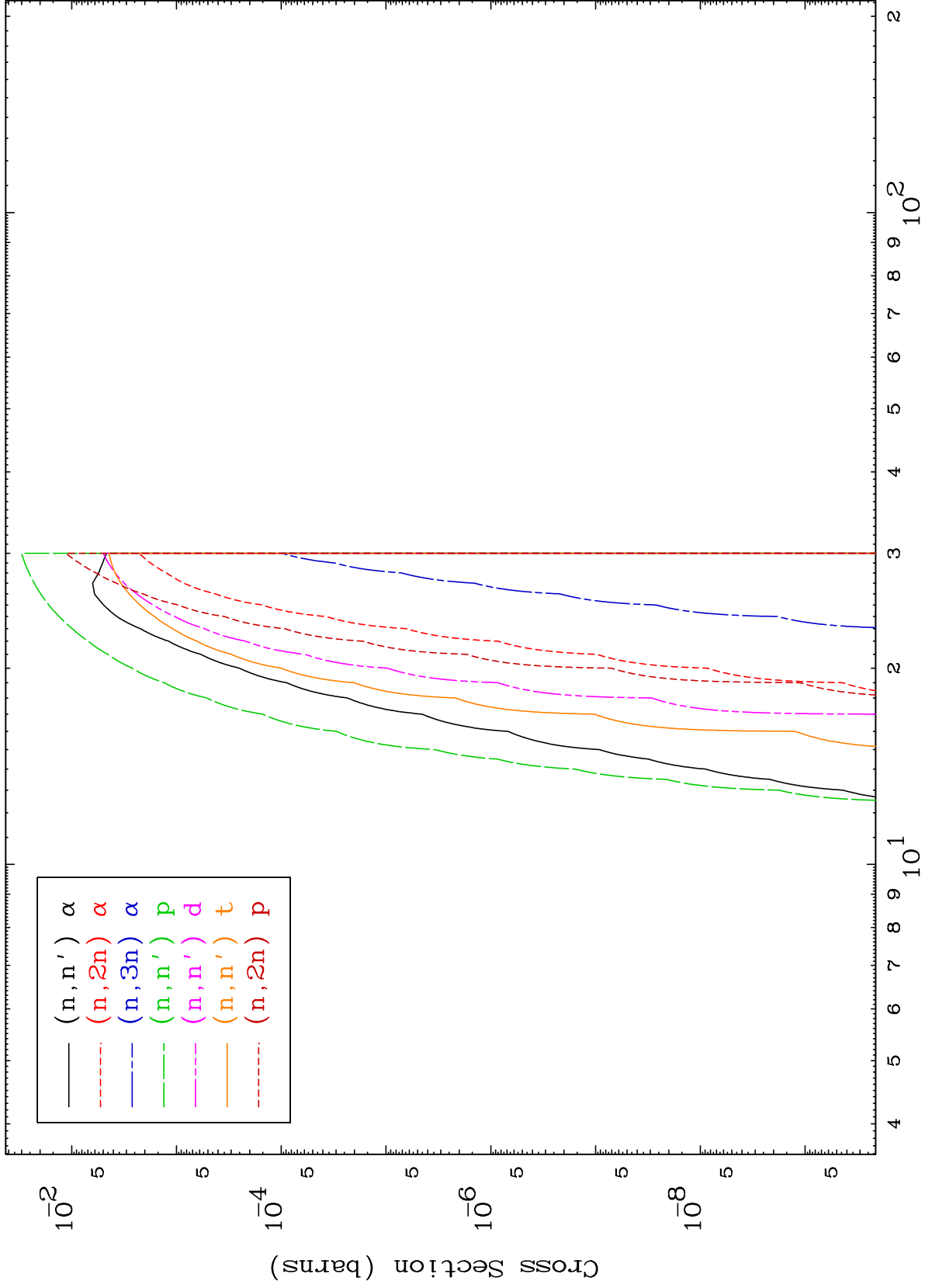
59-Pr-153

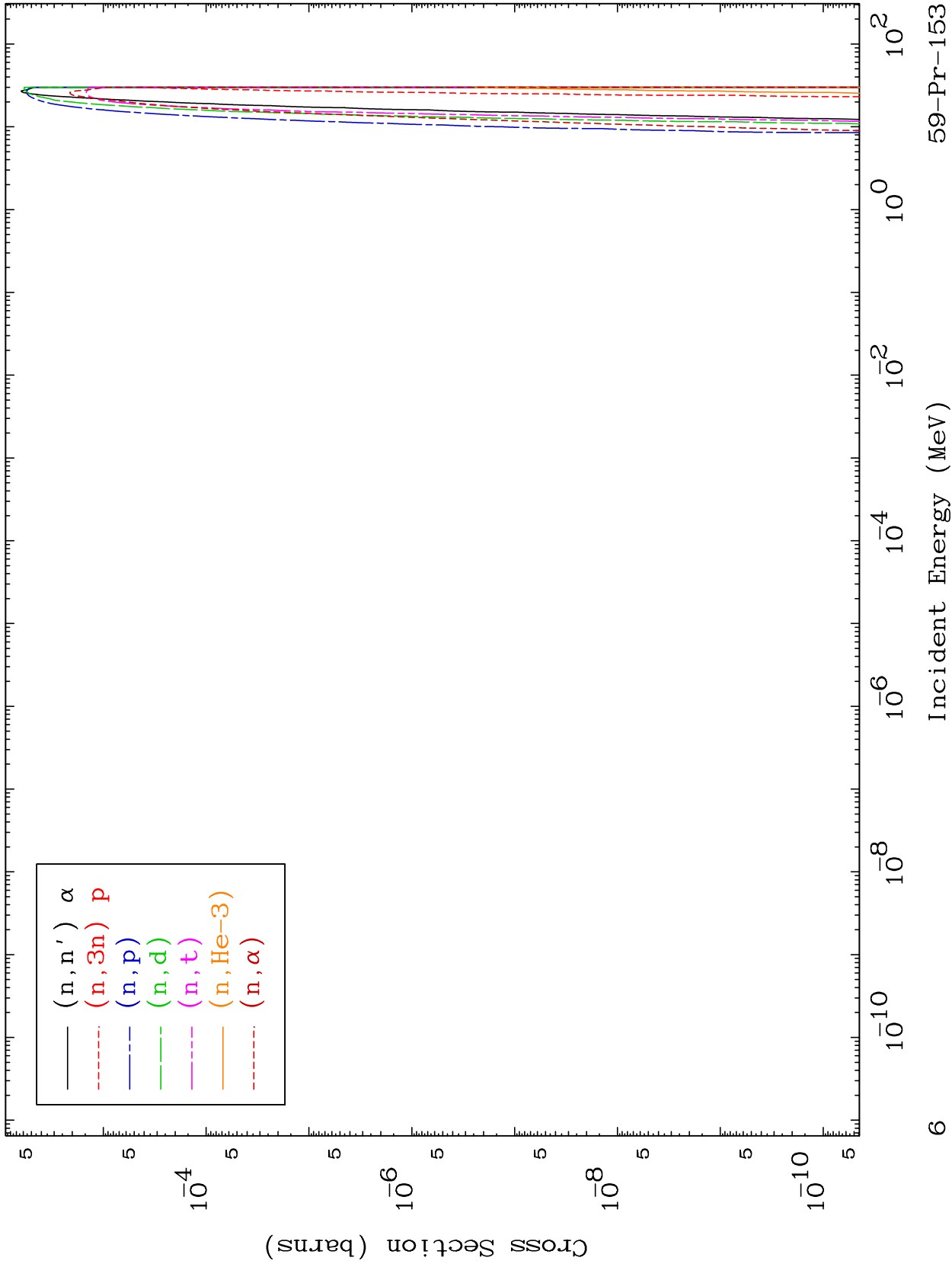


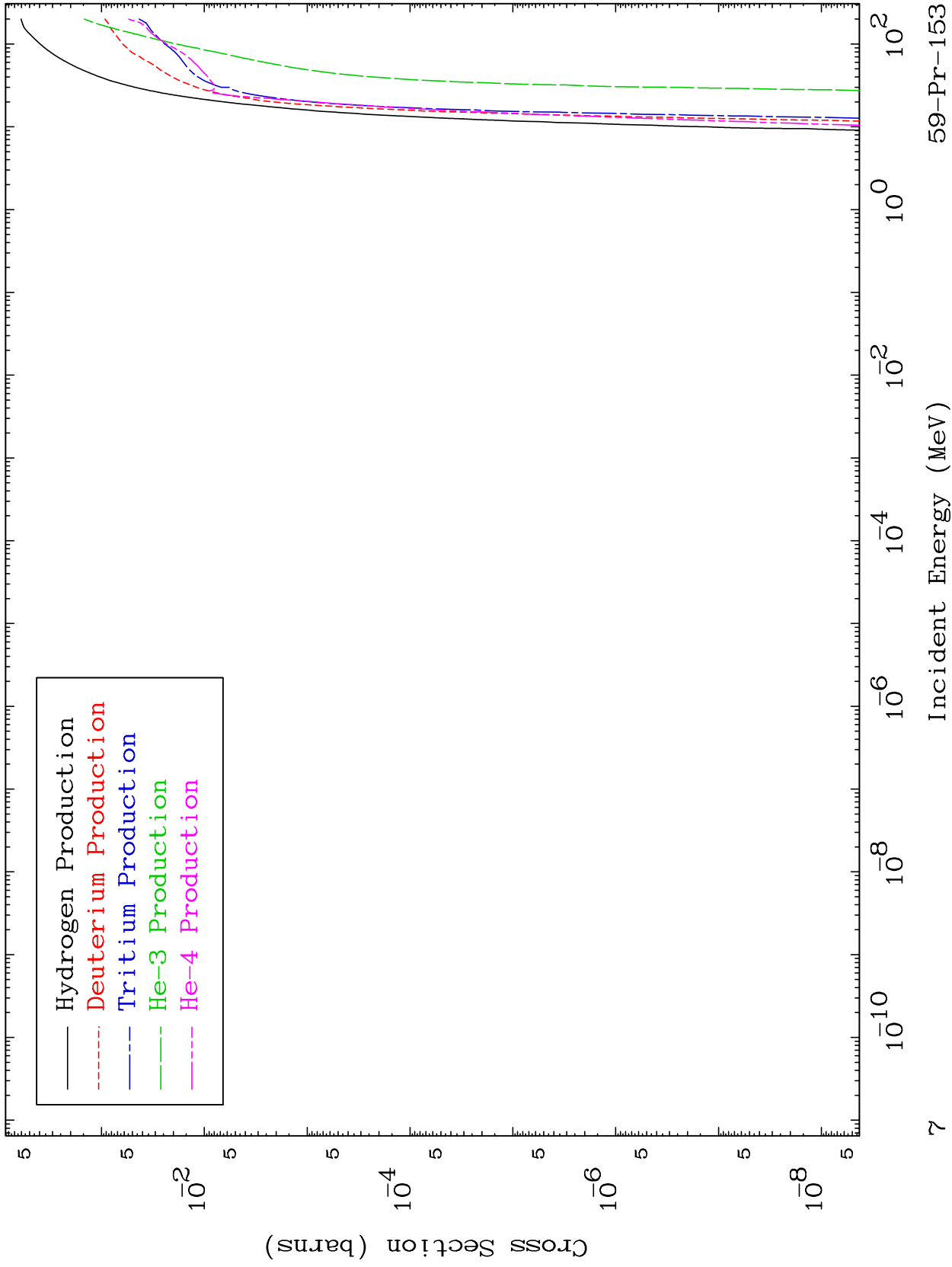






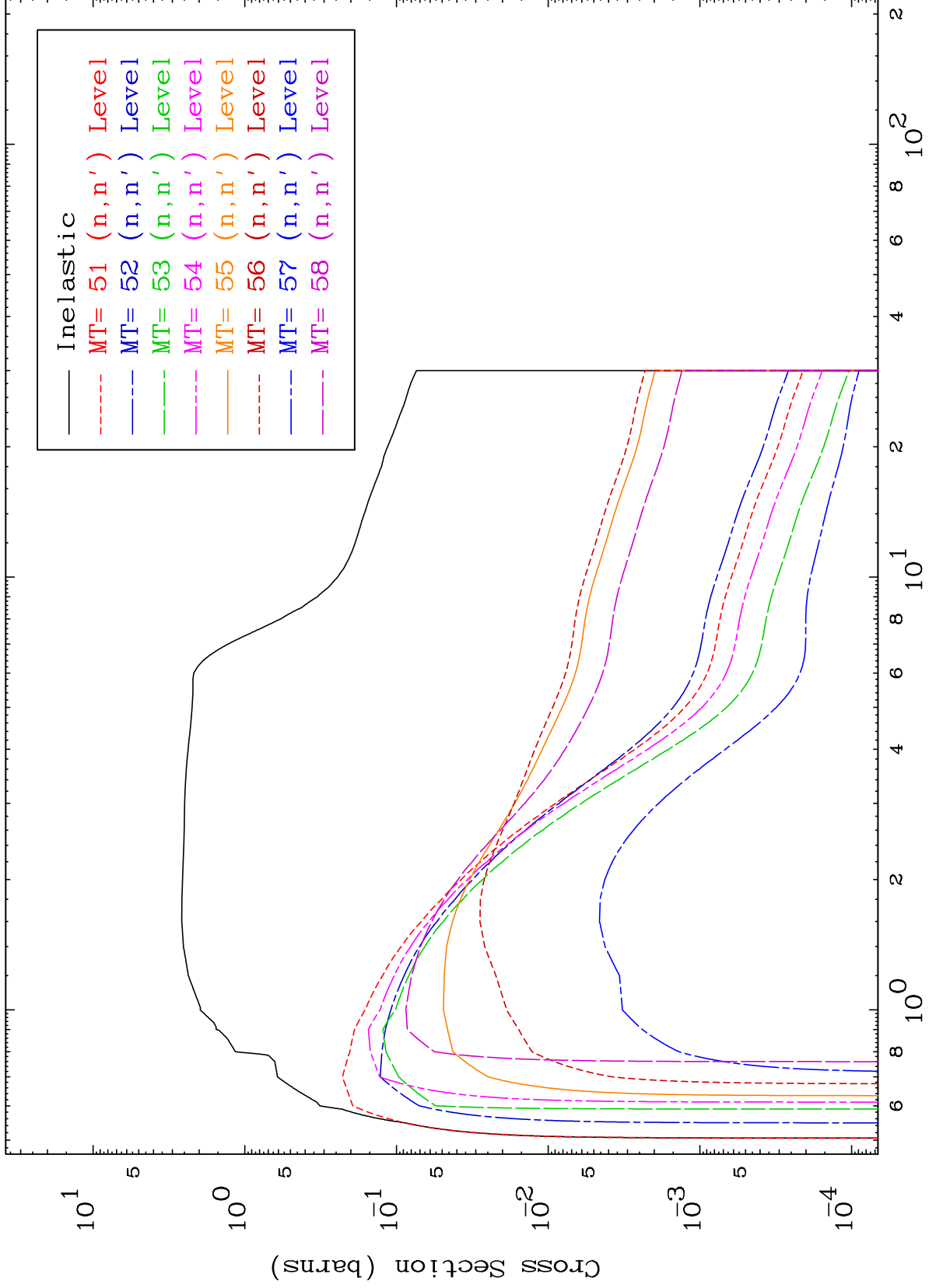




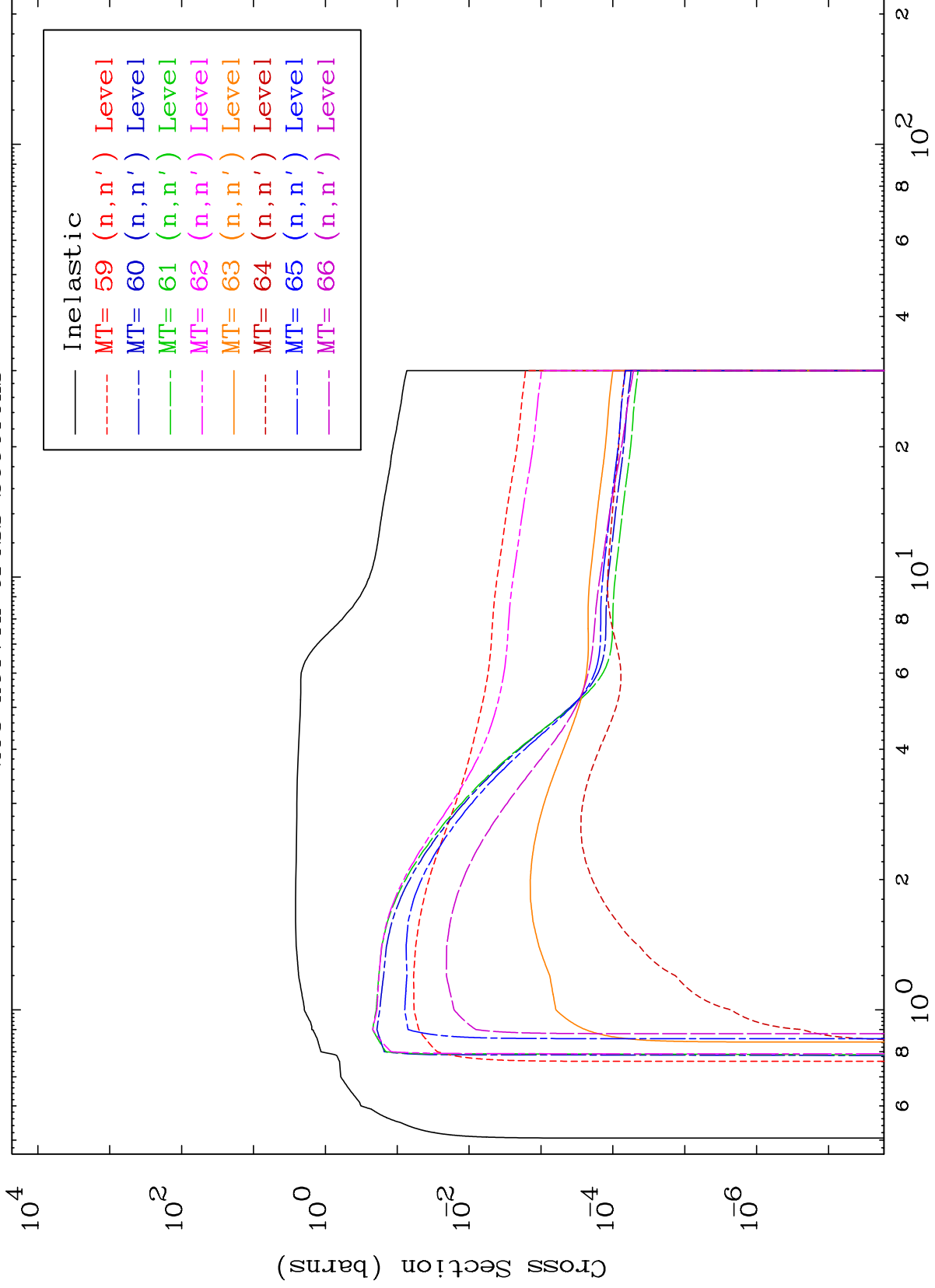




293 Kelvin Cross Sections



293 Kelvin Cross Sections

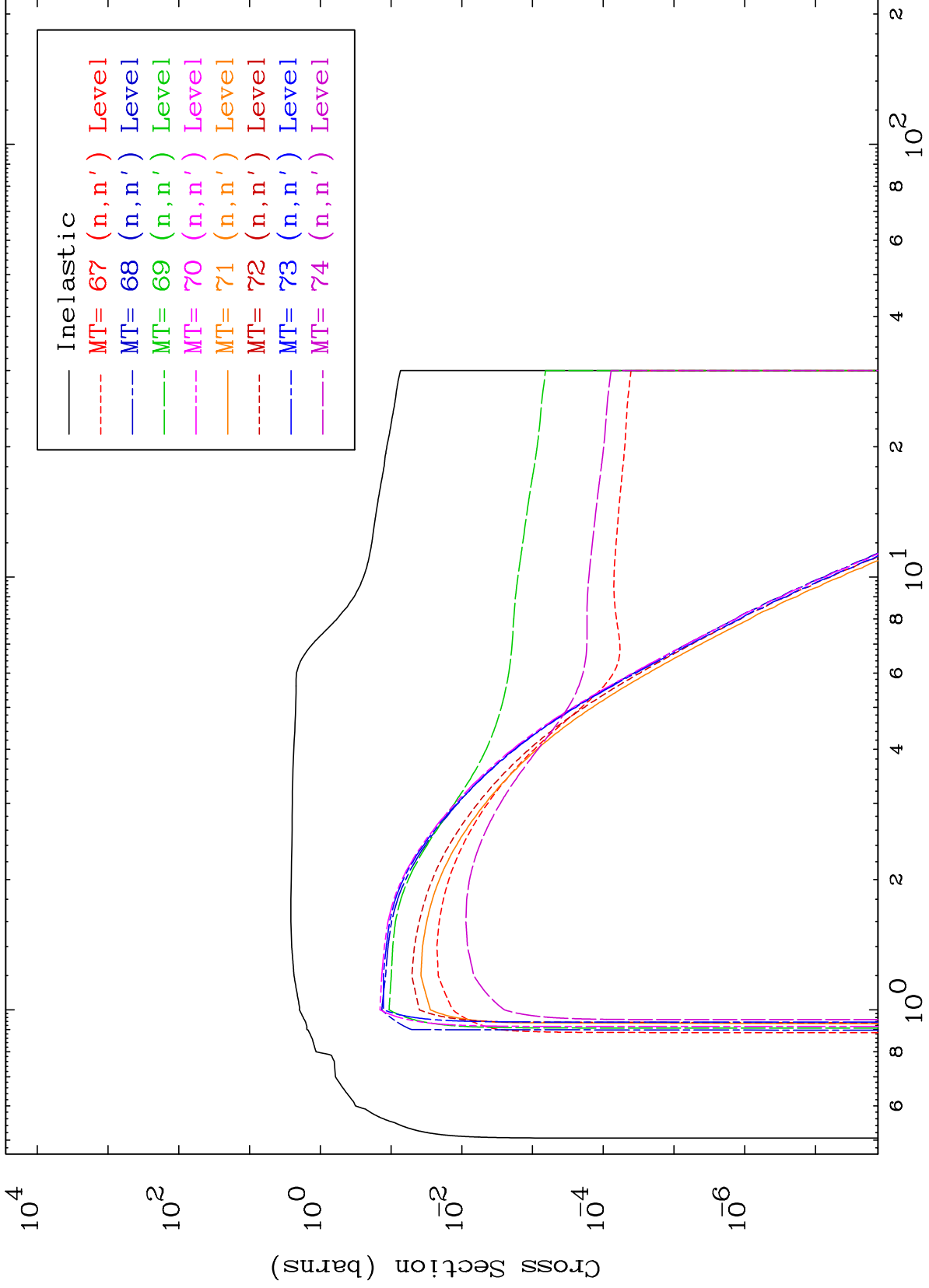


MAT 5961

(n,n') Levels

59-Pr-153

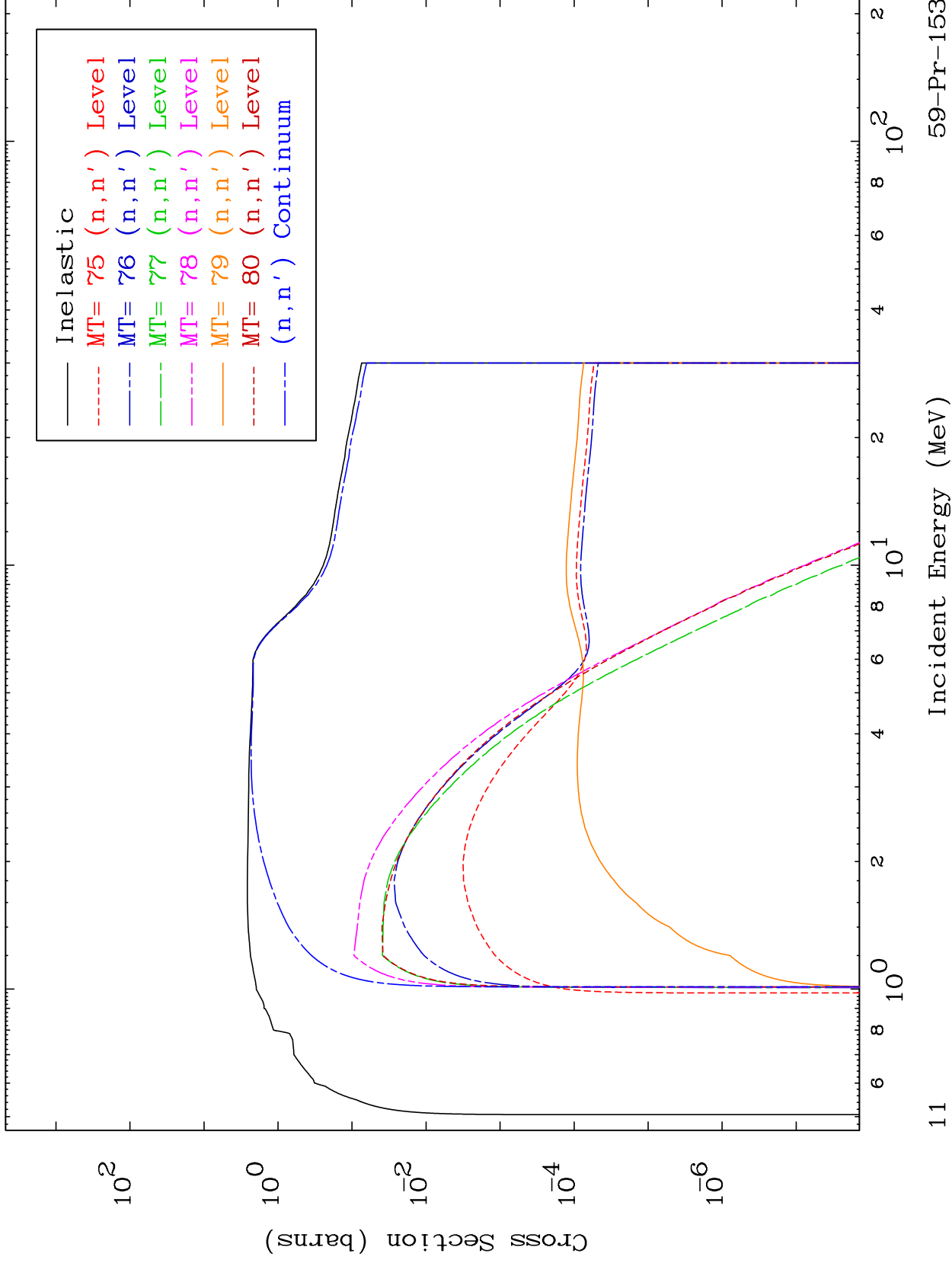
293 Kelvin Cross Sections



10

Incident Energy (MeV)

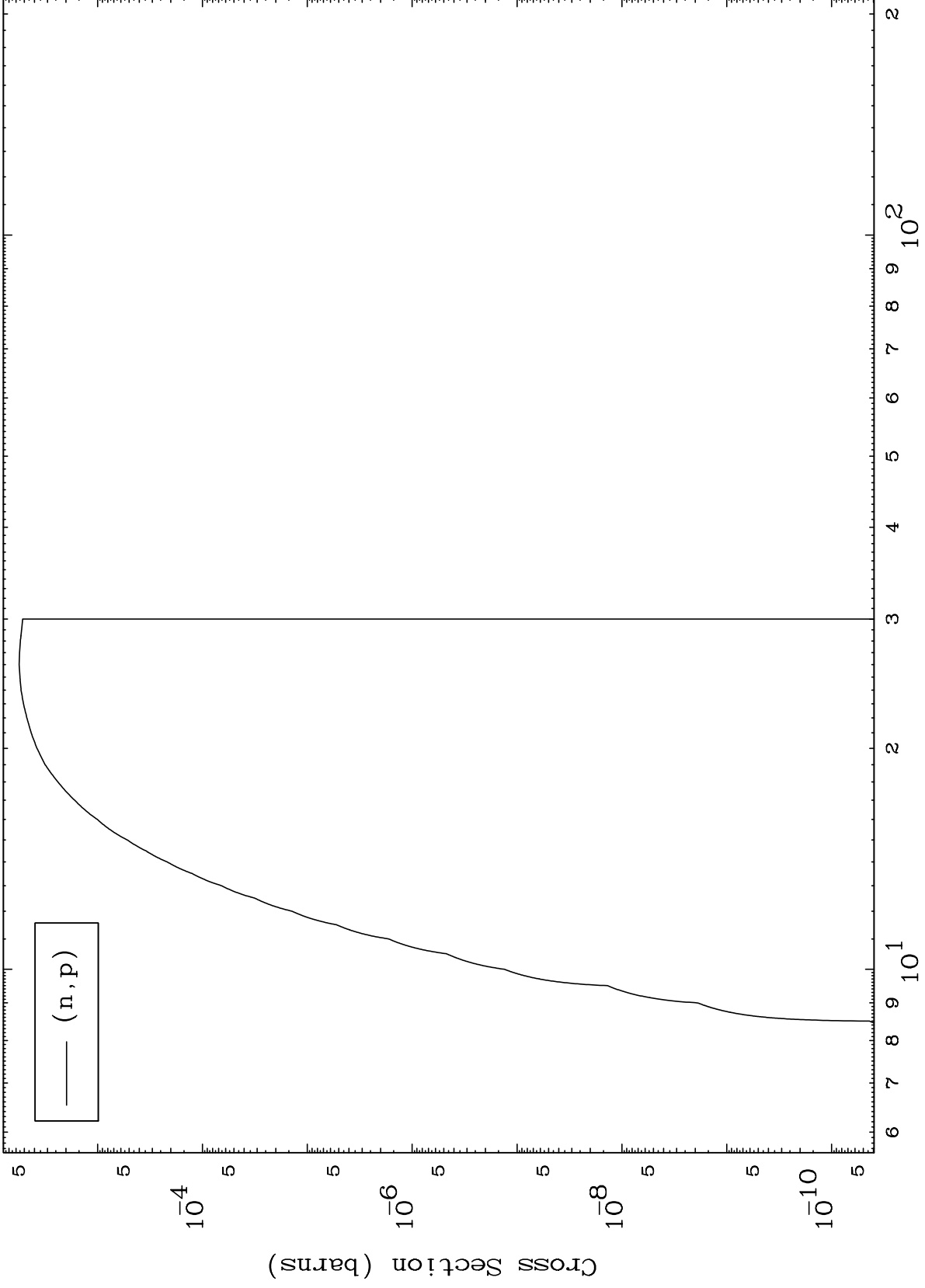
59-Pr-153



MAT 5961

(n,p) Levels  
293 Kelvin Cross Sections

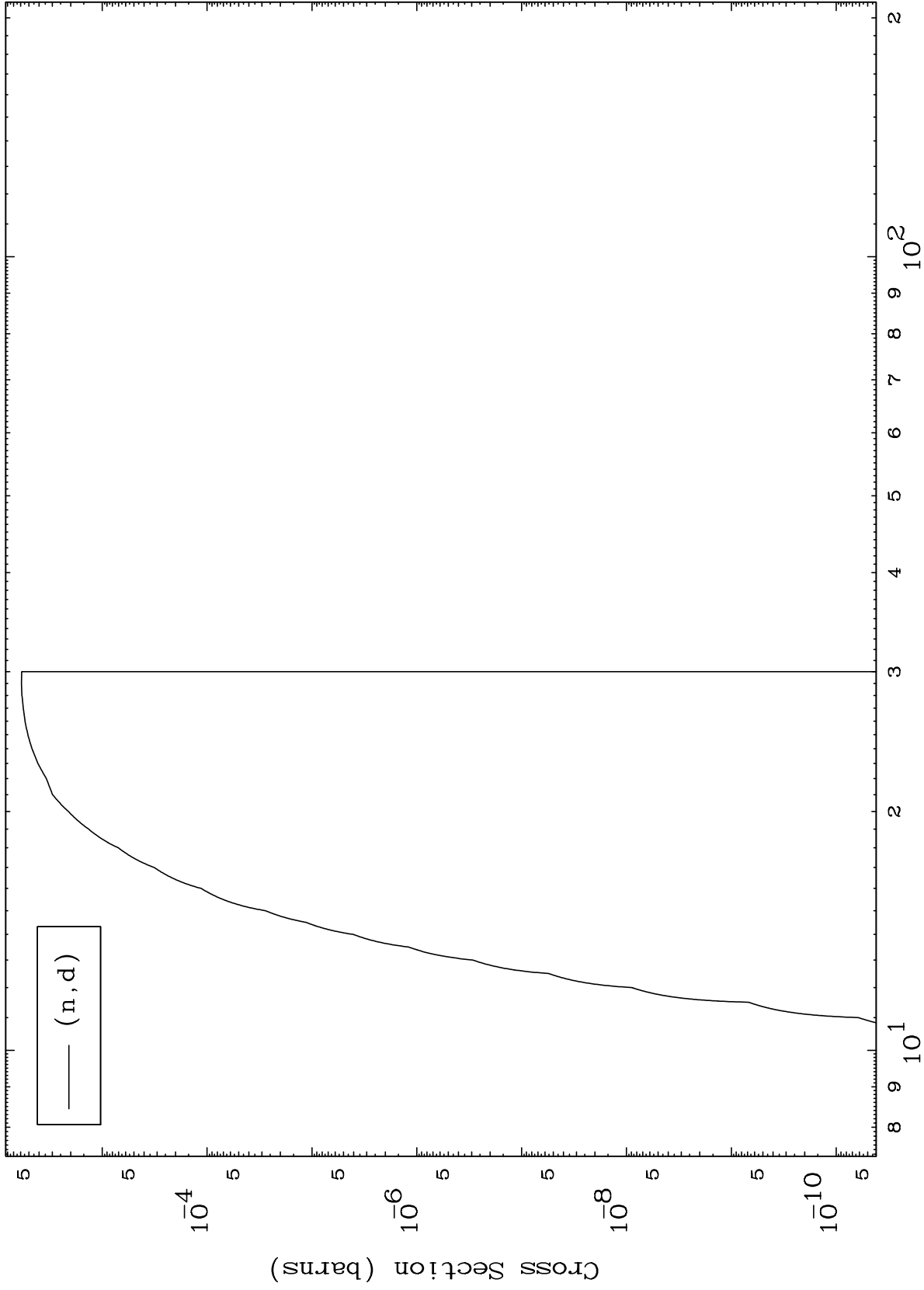
59-Pr-153

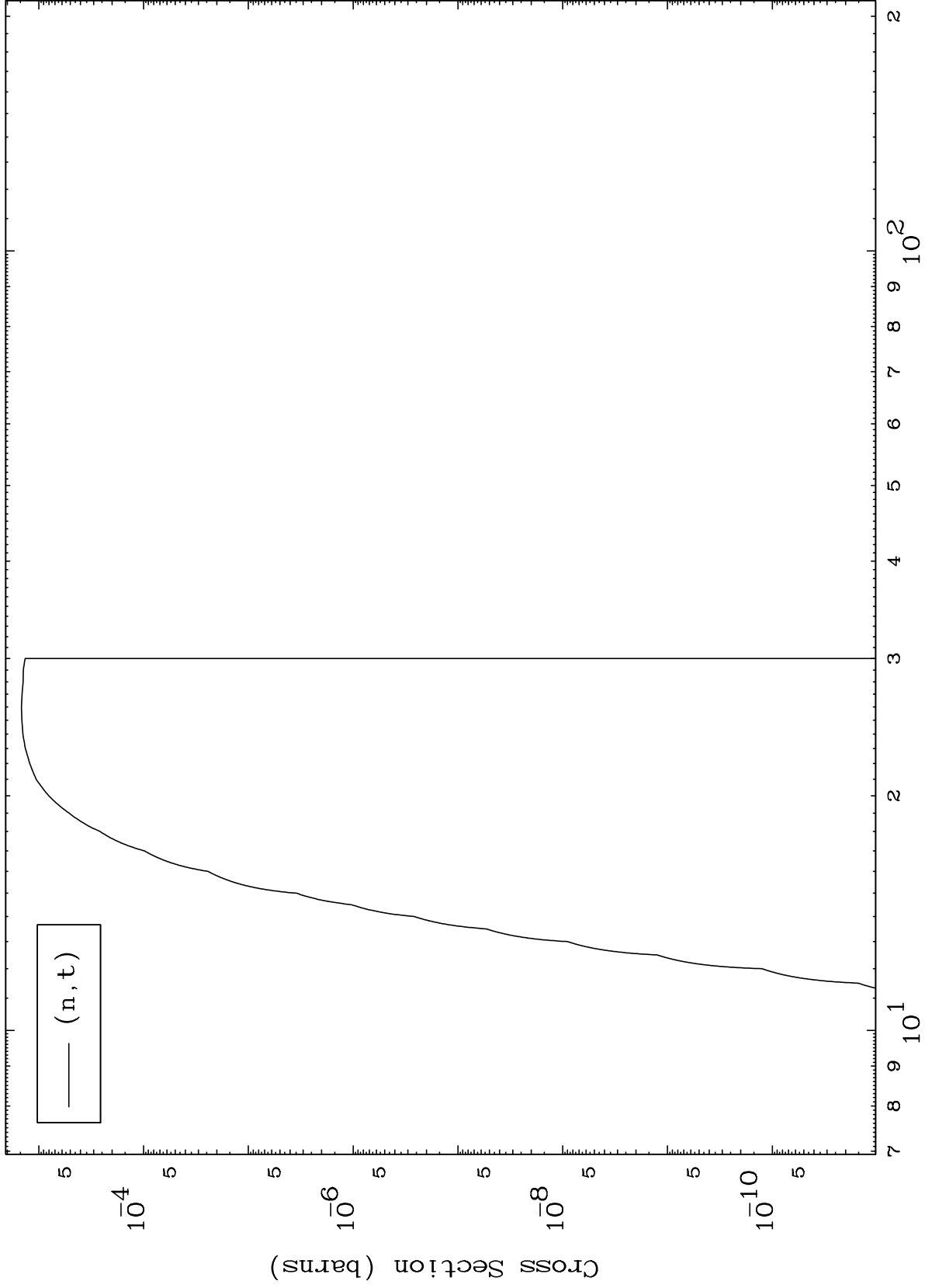


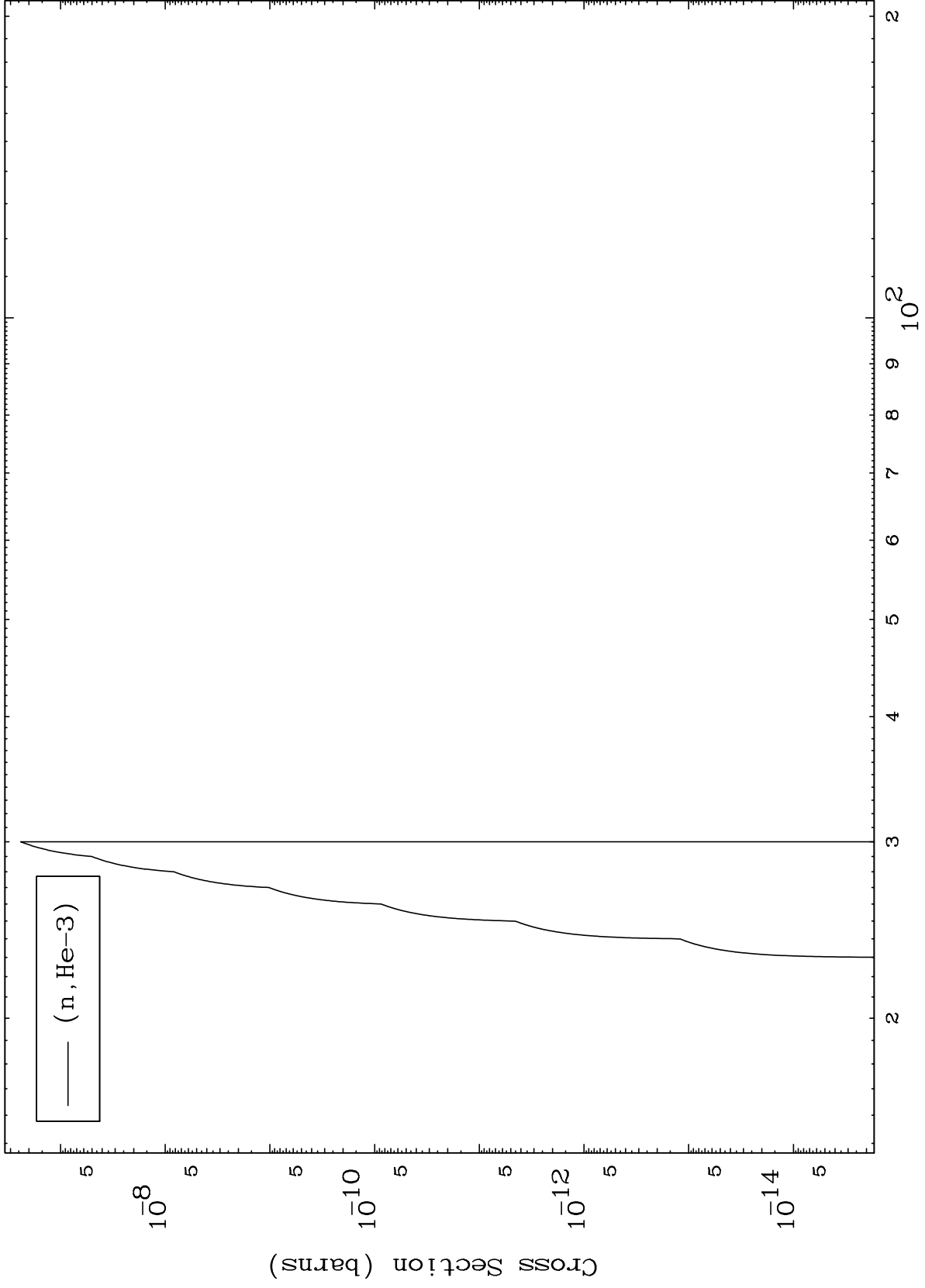
12

Incident Energy (MeV)

59-Pr-153





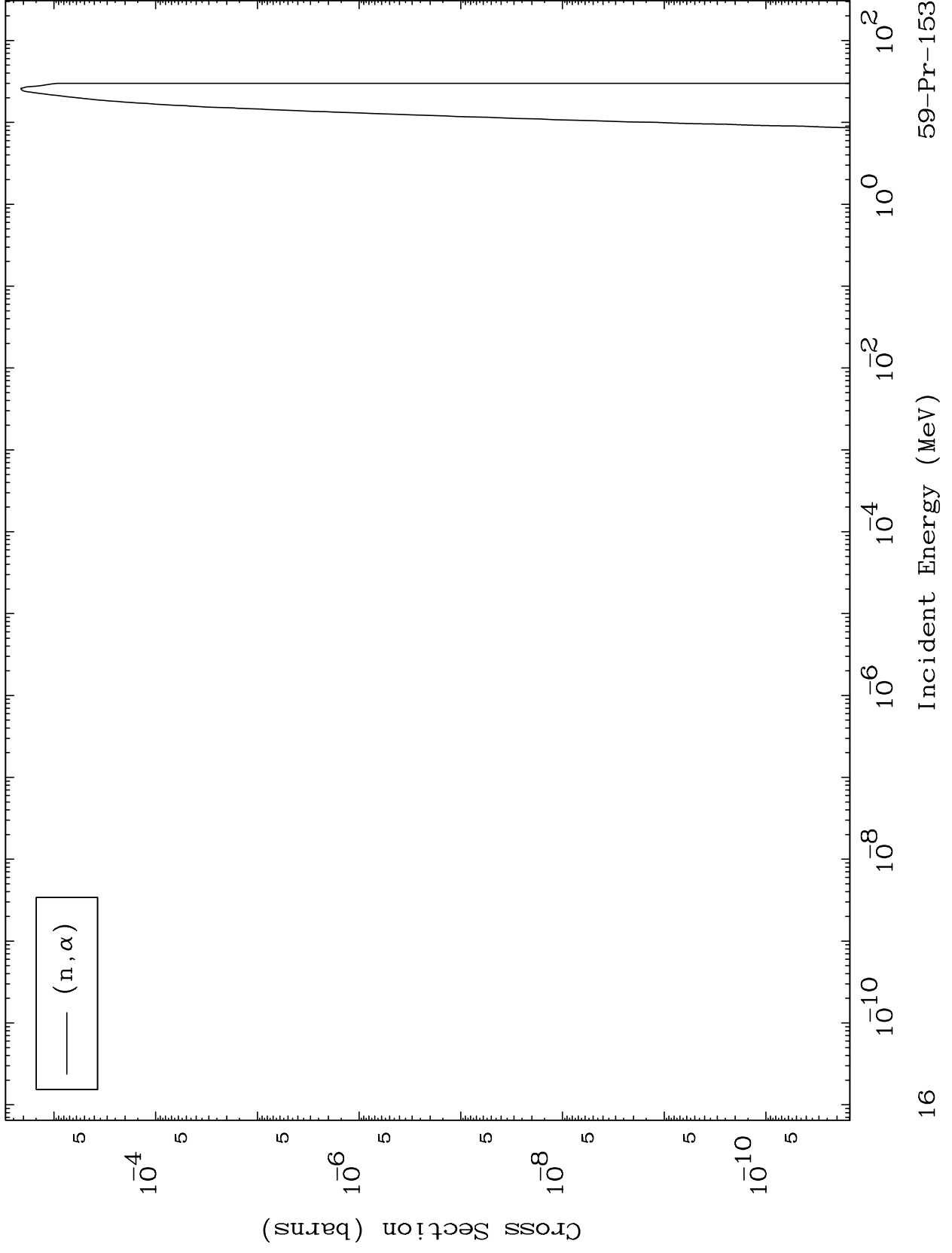




MAT 5961

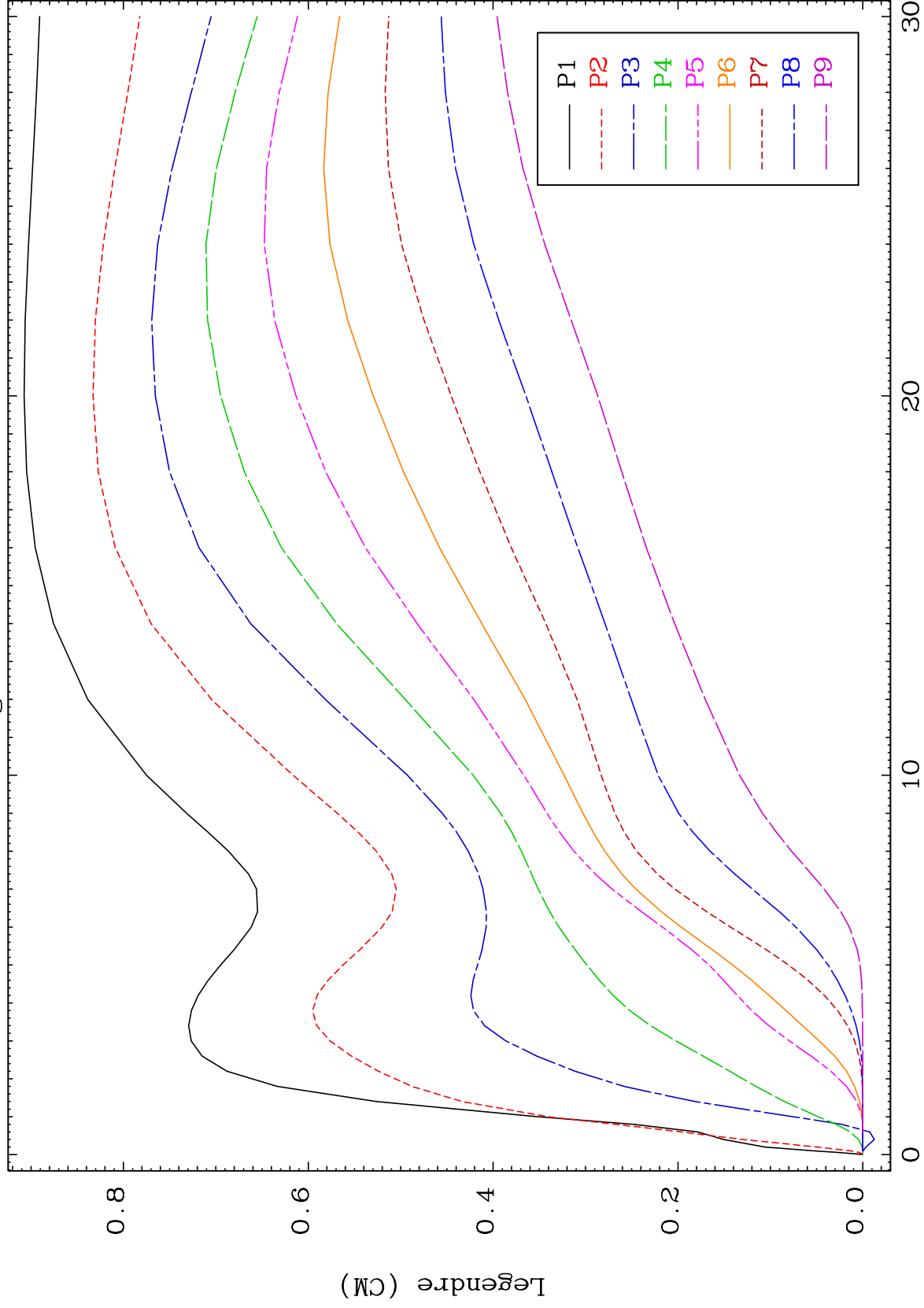
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

59-Pr-153



16

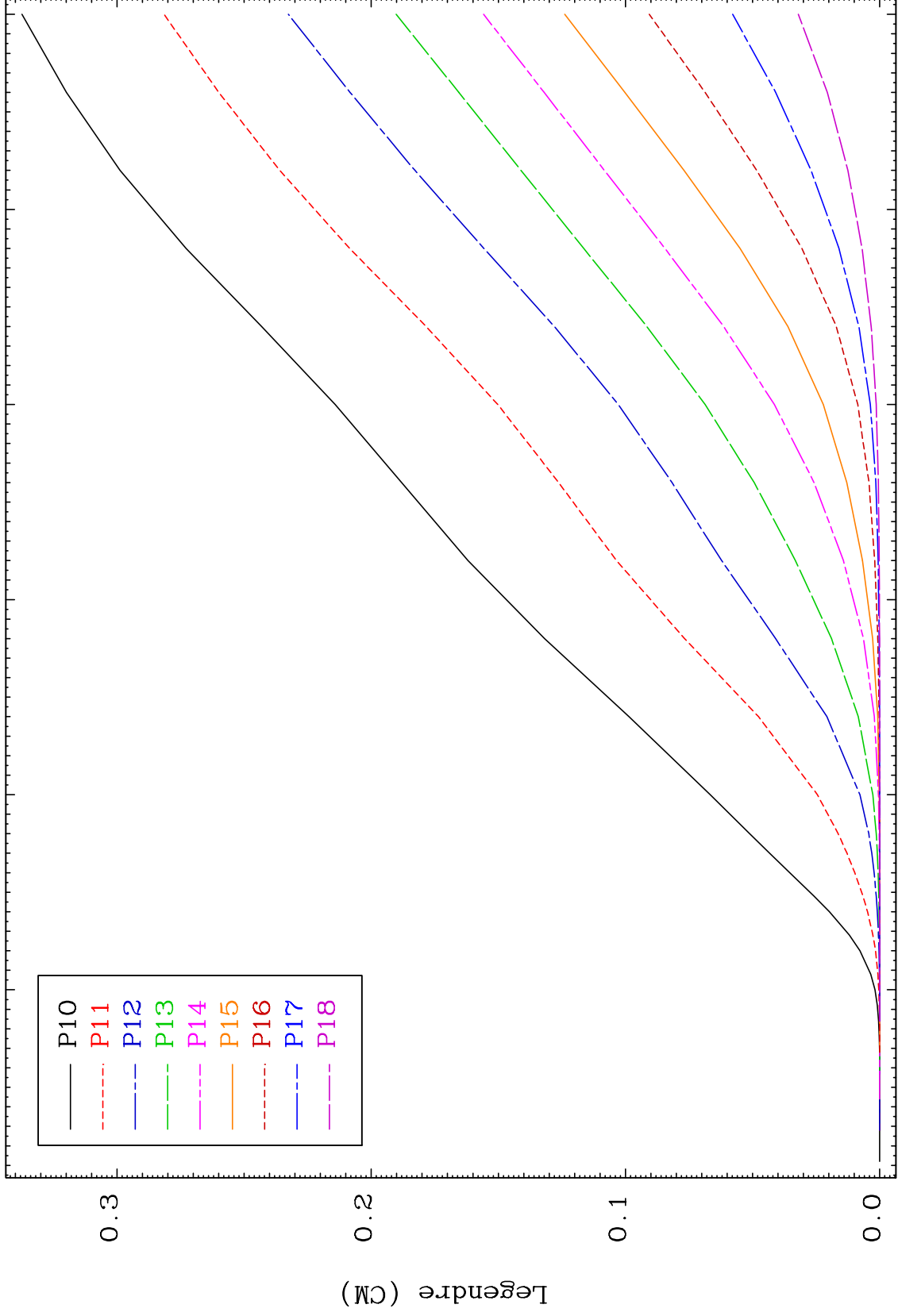
59-Pr-153



MAT 5961

Elastic Legendre Coefficients

59-Pr-153



18

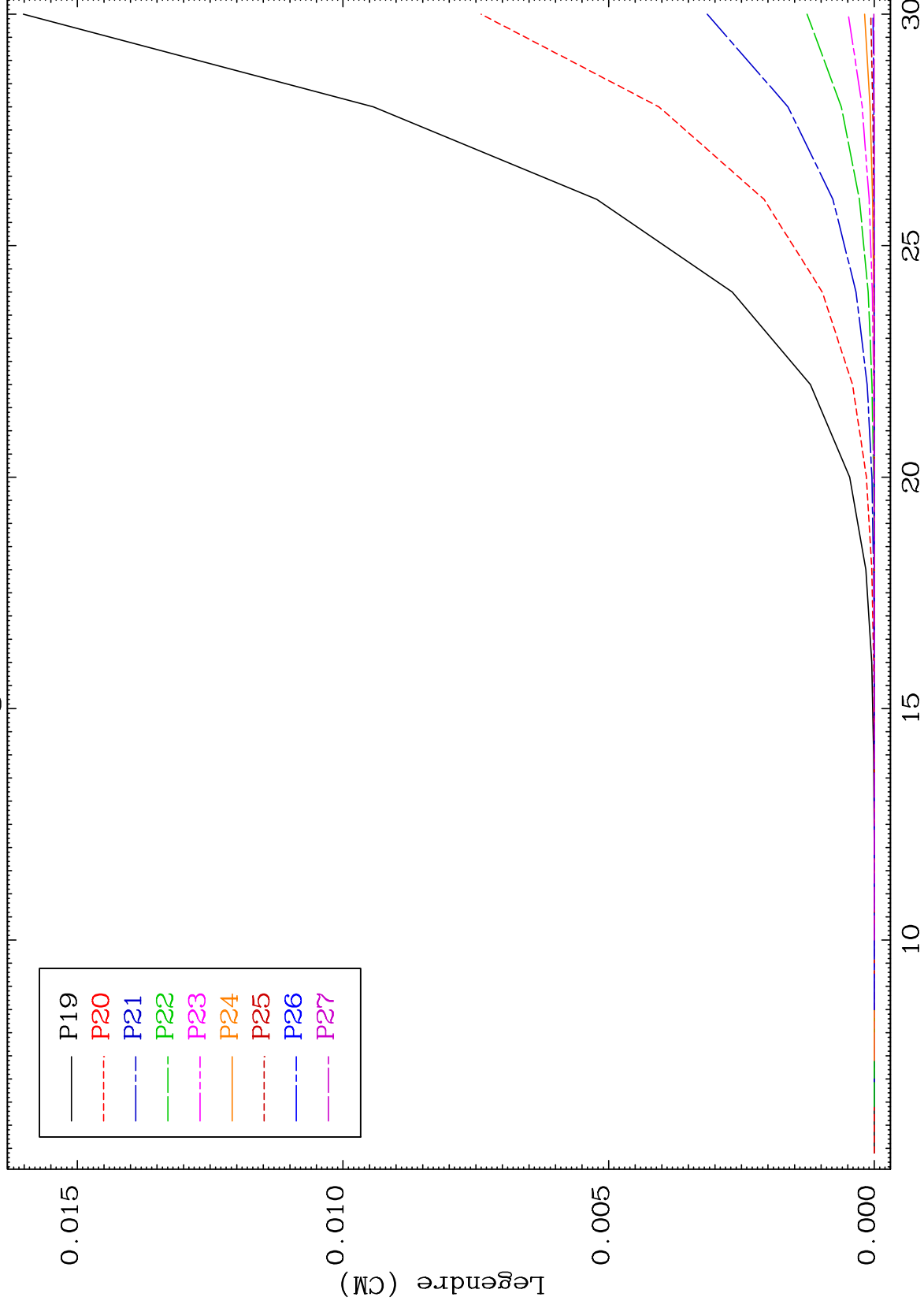
Incident Energy (MeV)

59-Pr-153

MAT 5961

### Elastic Legendre Coefficients

59-Pr-153



19

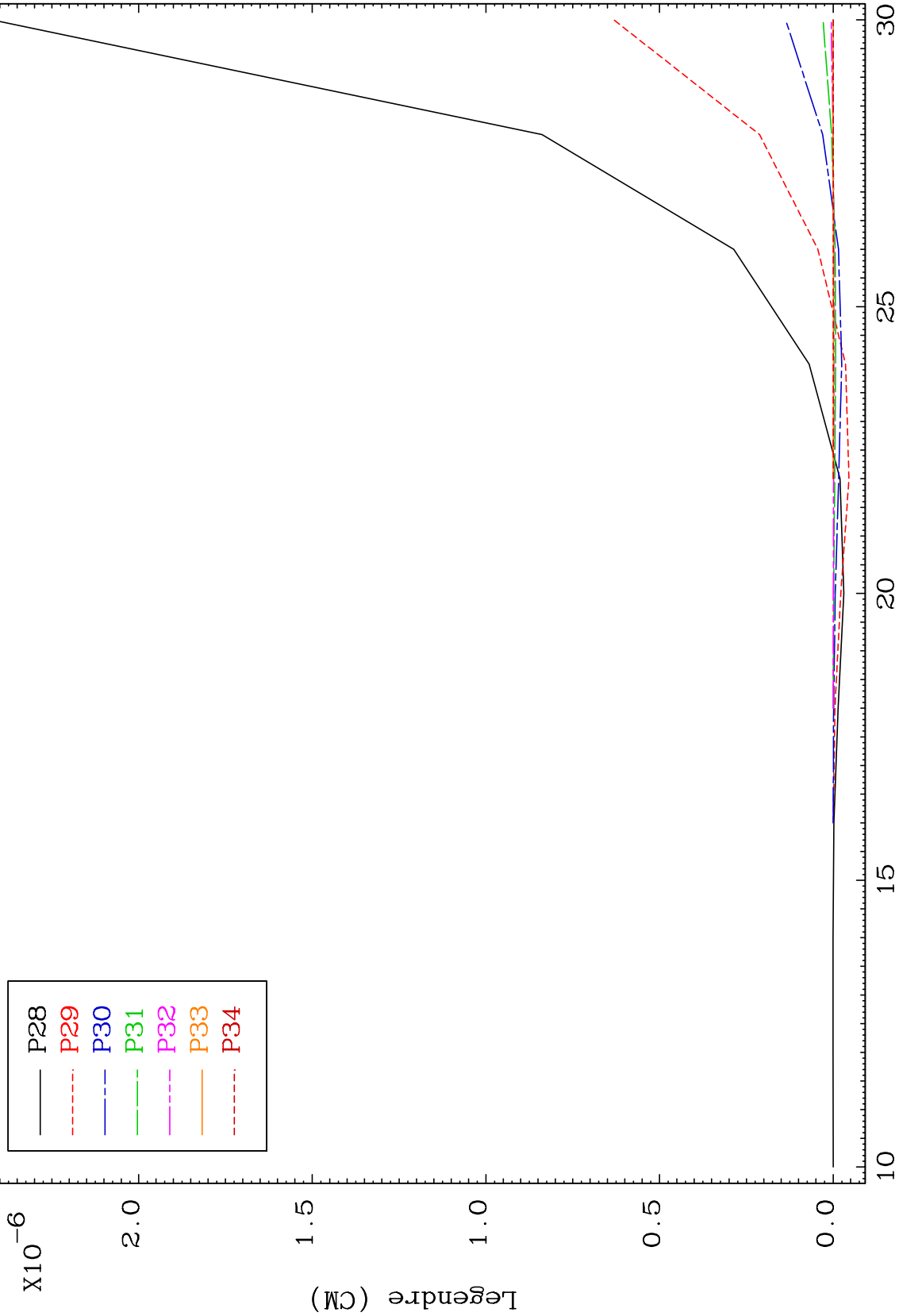
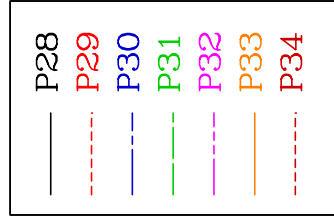
Incident Energy (MeV)

59-Pr-153

MAT 5961

Elastic Legendre Coefficients

59-Pr-153



59-Pr-153

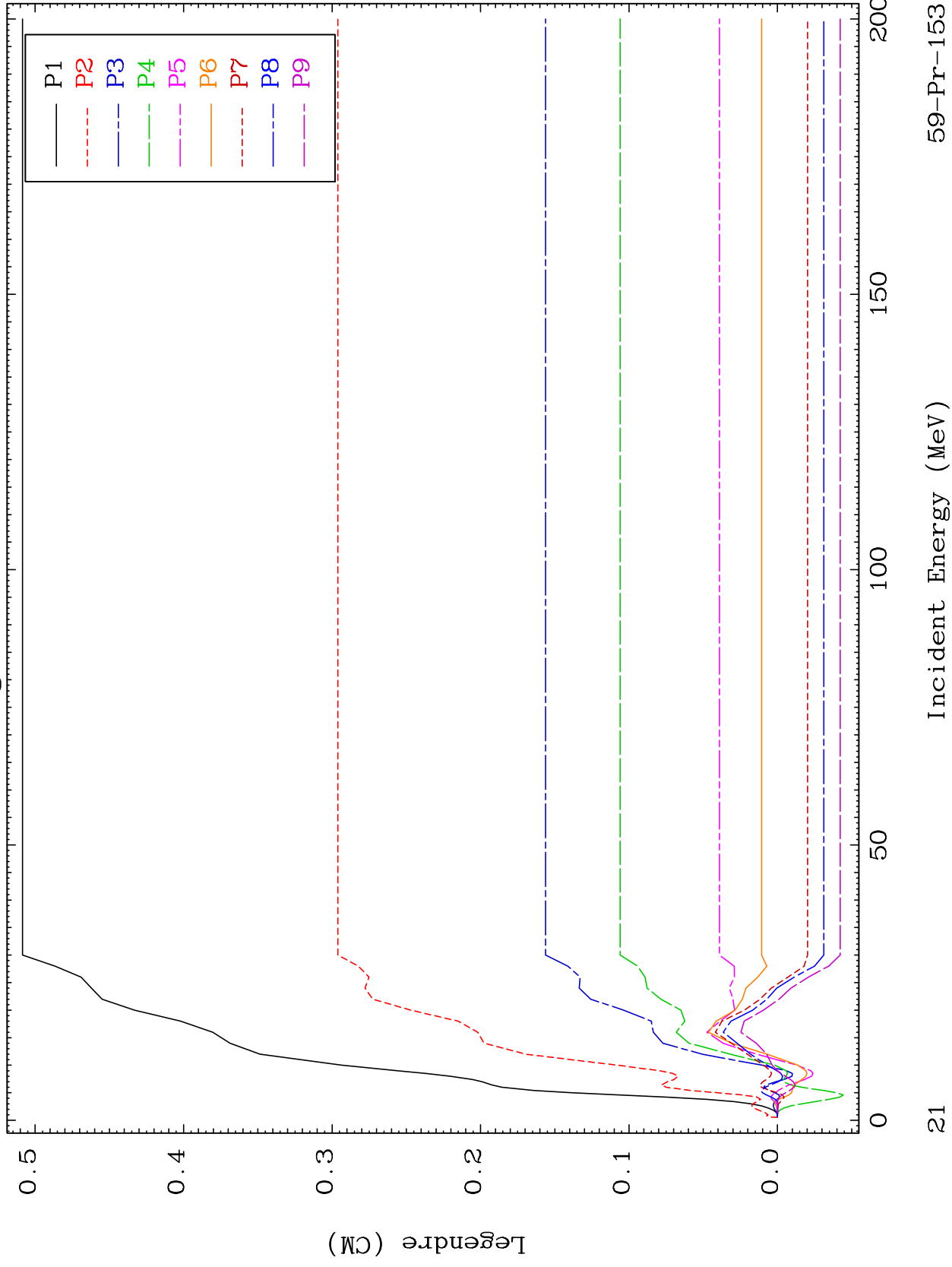
Elastic Legendre Coefficients

MAT 5961

MAT 5961

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

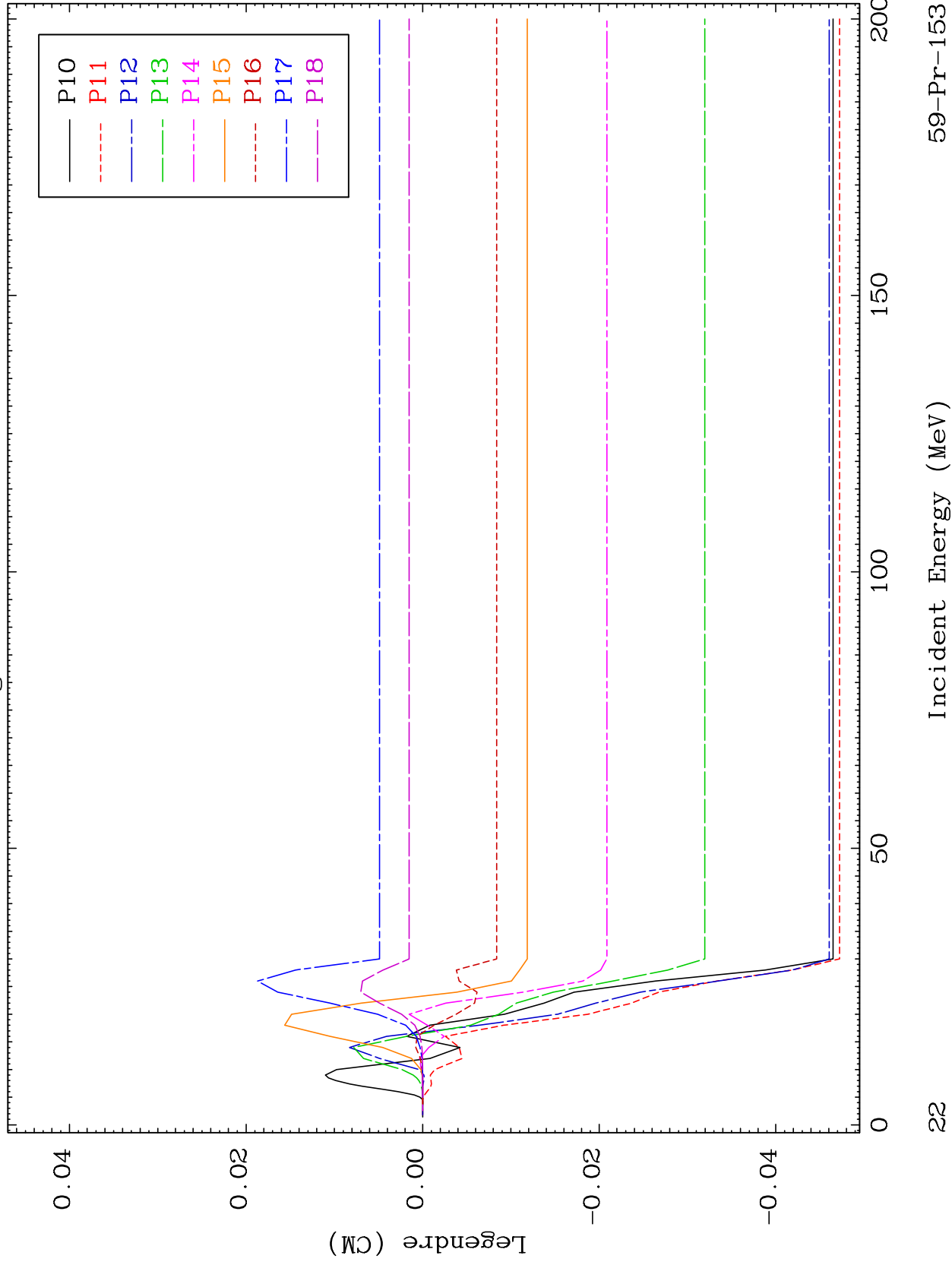
59-Pr-153



MAT 5961

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

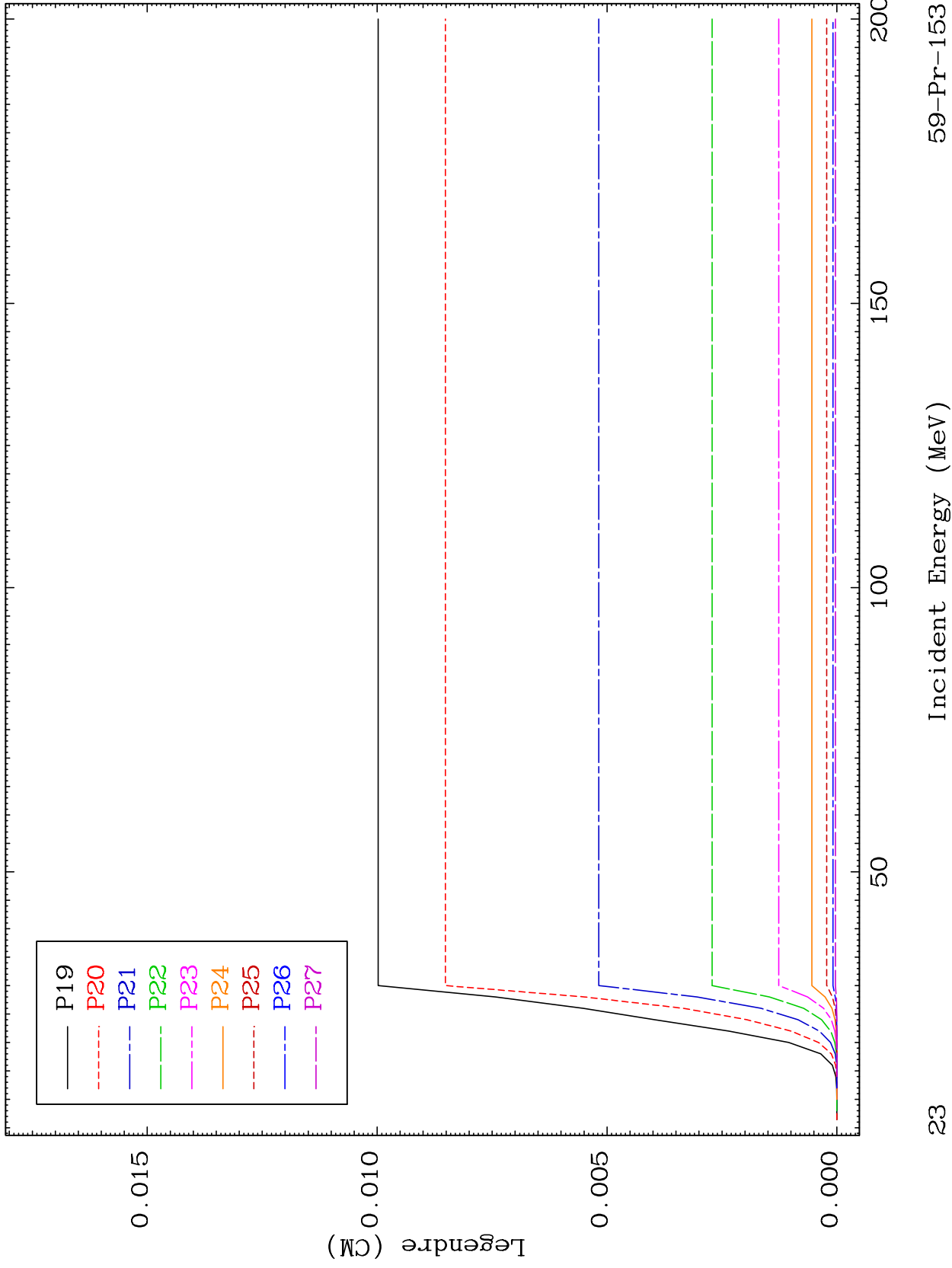
59-Pr-153



59-Pr-153

Incident Energy (MeV)

22

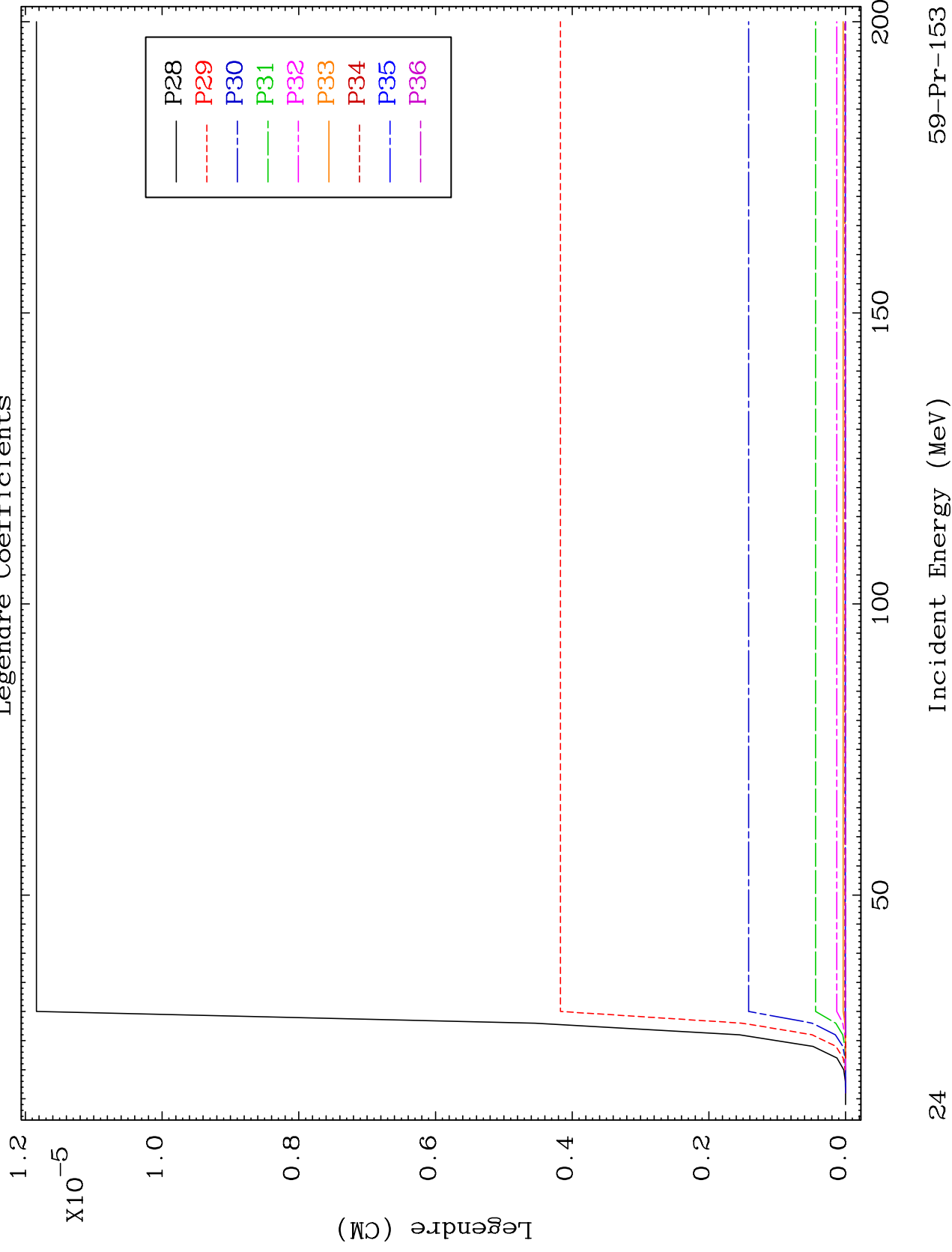




MAT 5961

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

59-Pr-153



24

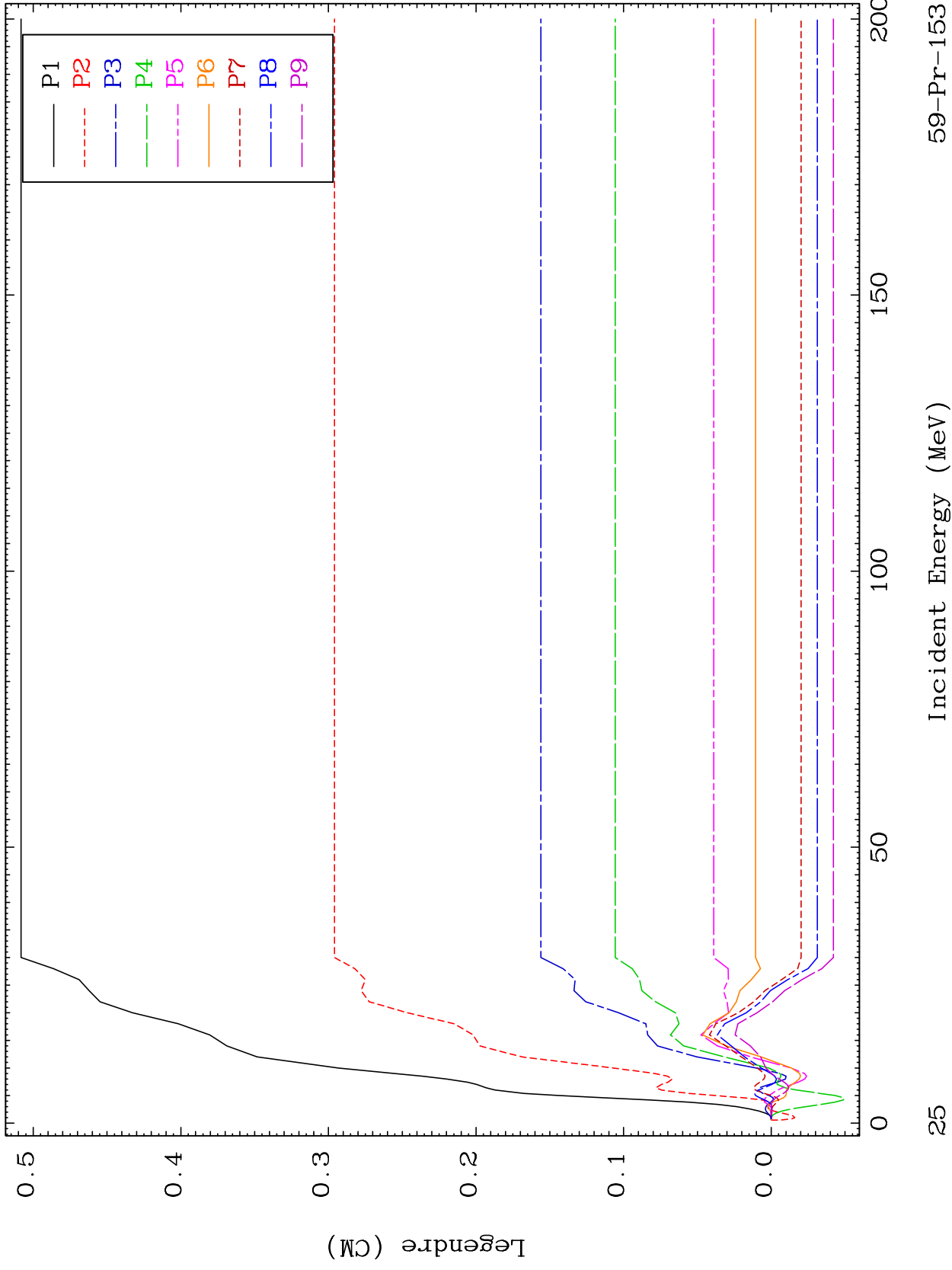
Incident Energy (MeV)

59-Pr-153

MAT 5961

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

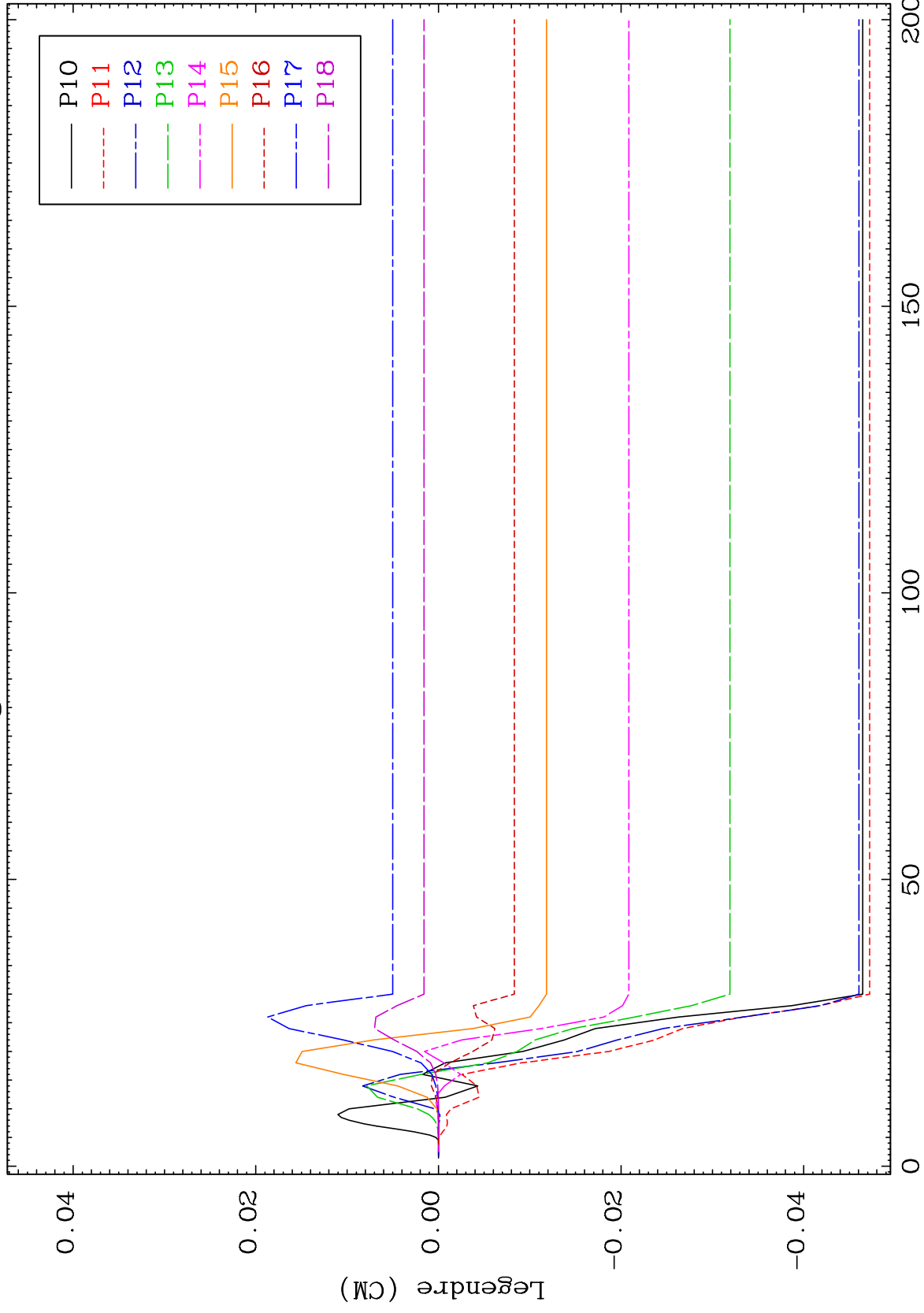
59-Pr-153



MAT 5961

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

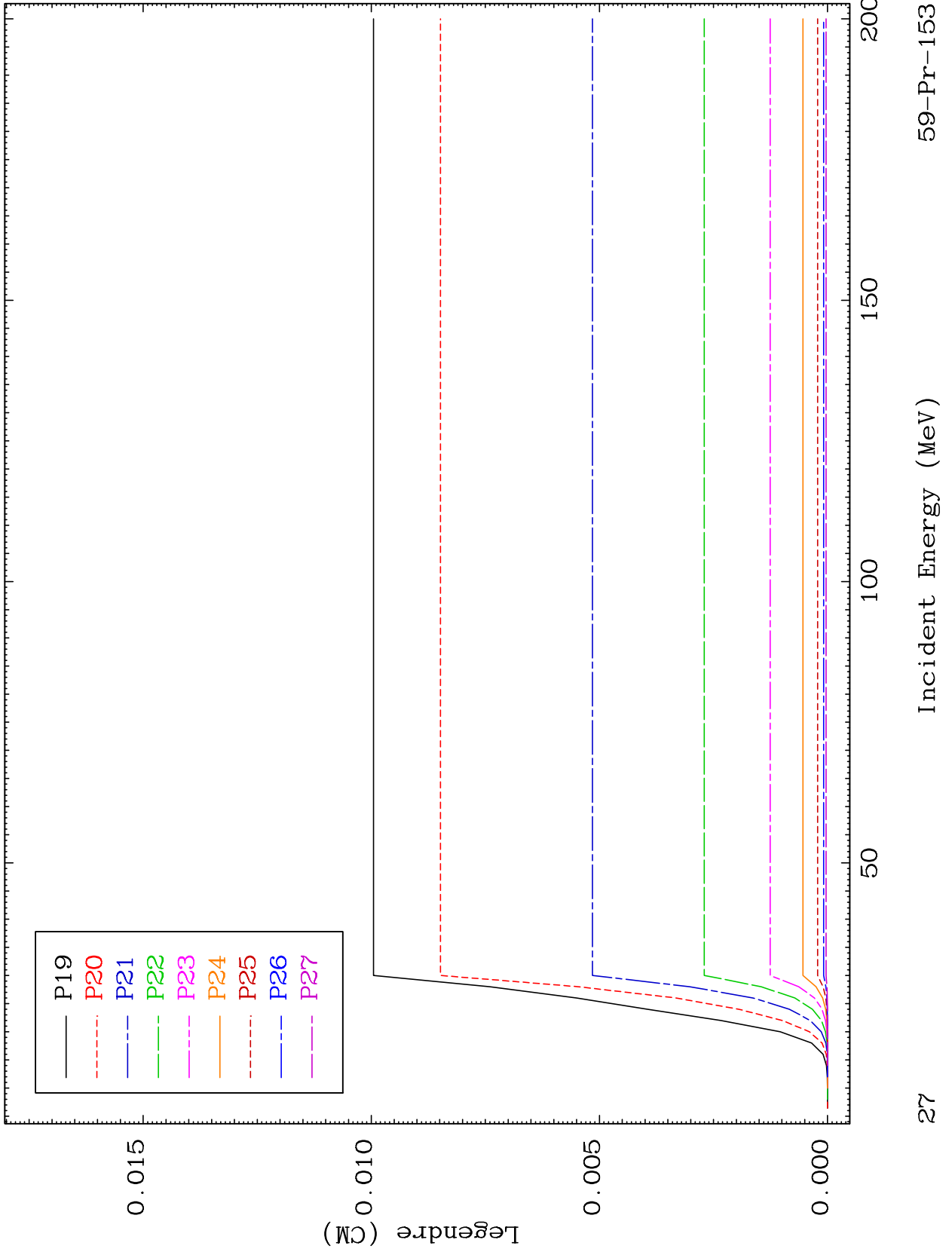
59-Pr-153



26

Incident Energy (MeV)

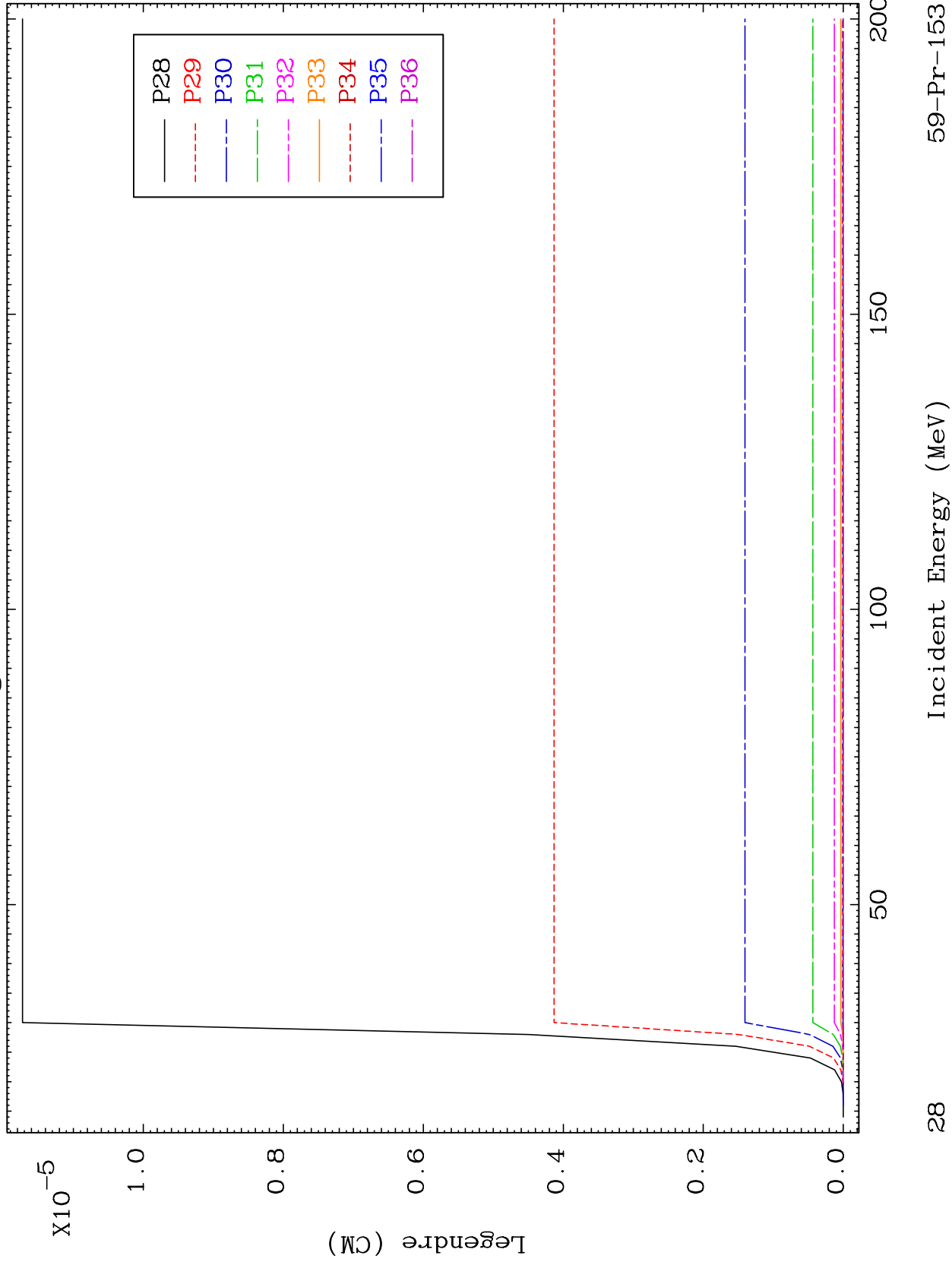
59-Pr-153



MAT 5961

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

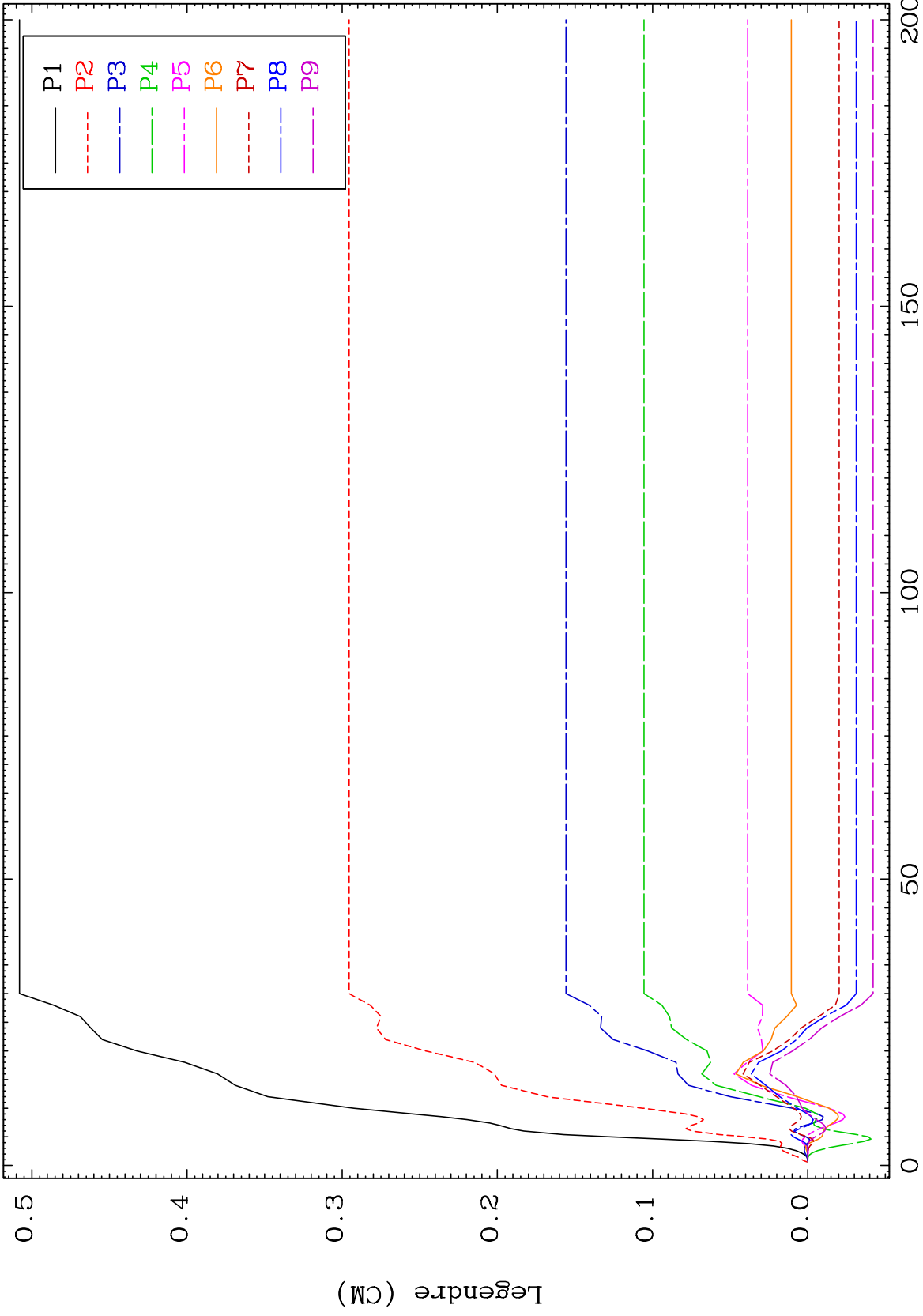
59-Pr-153



MAT 5961

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

59-Pr-153



29

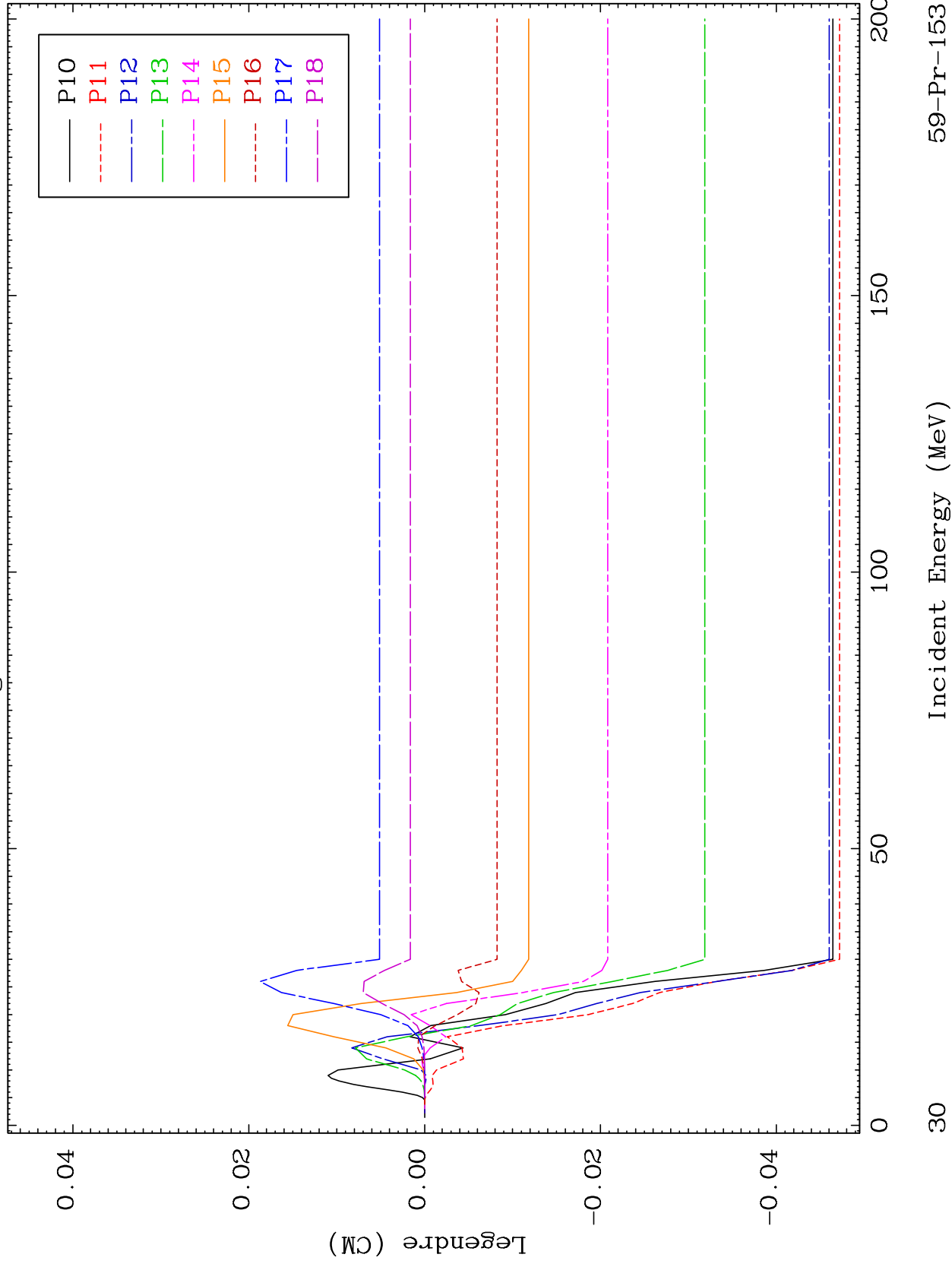
Incident Energy (MeV)

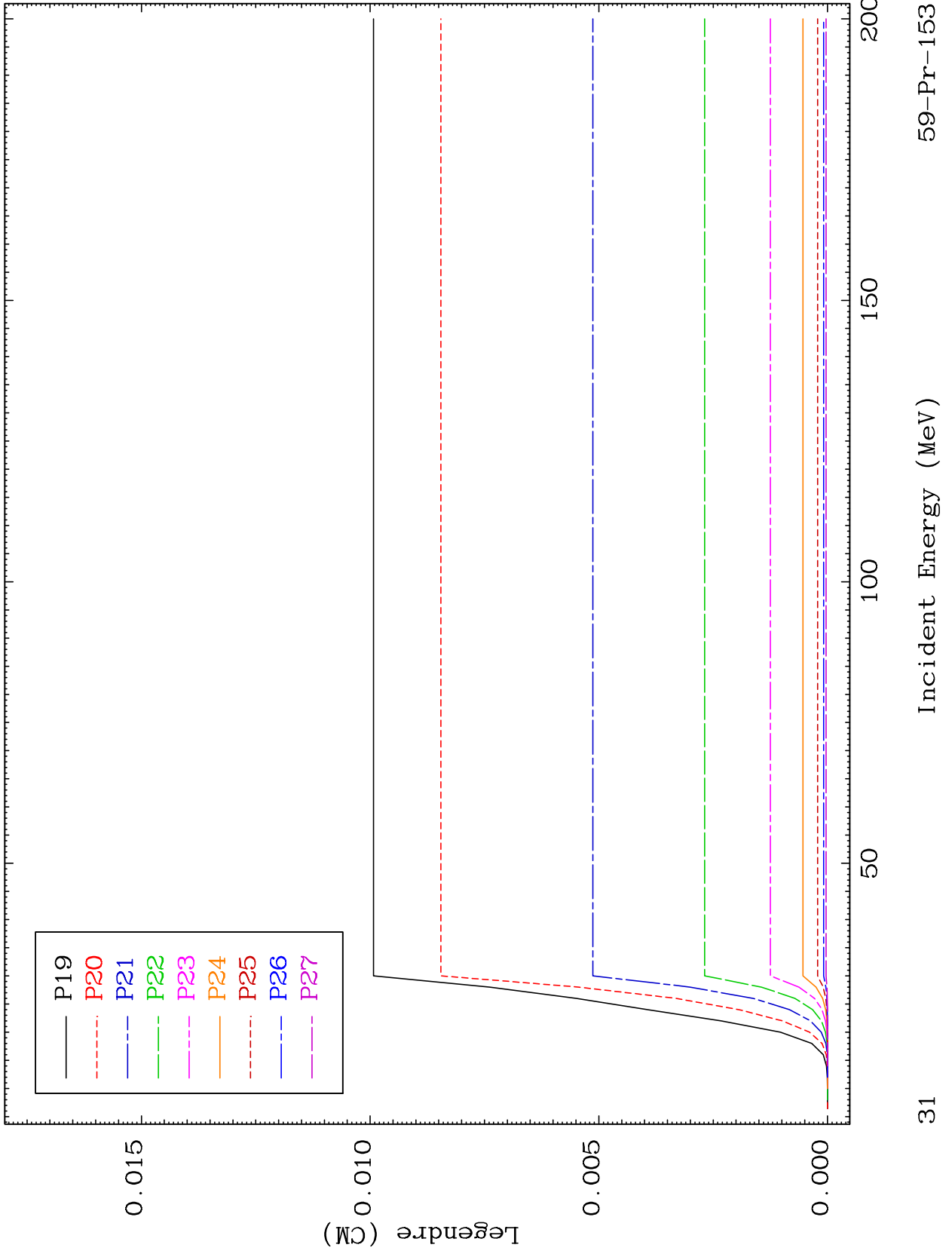
59-Pr-153

MAT 5961

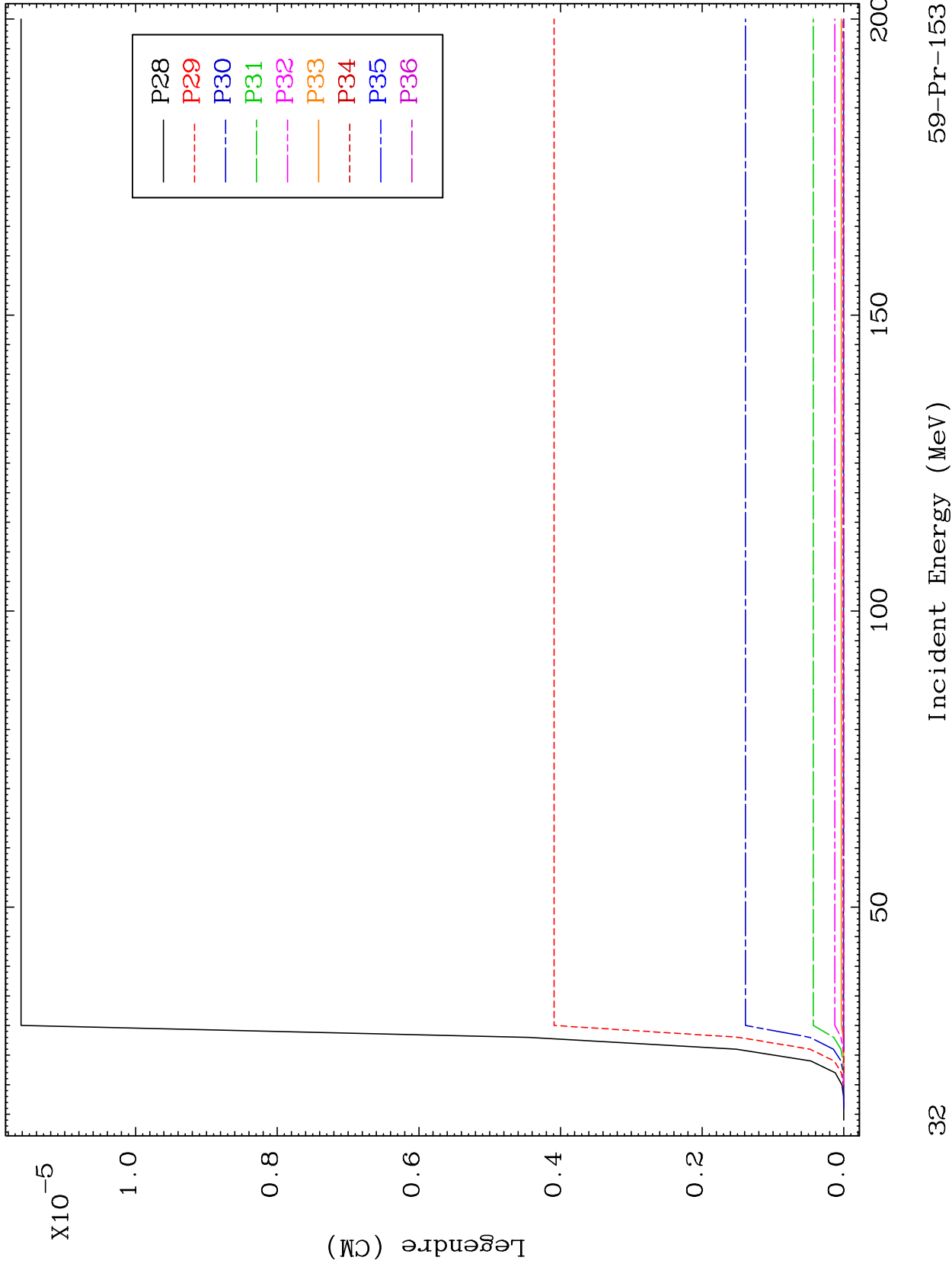
MT= 53 (n,n') Level  
Legendre Coefficients

59-Pr-153





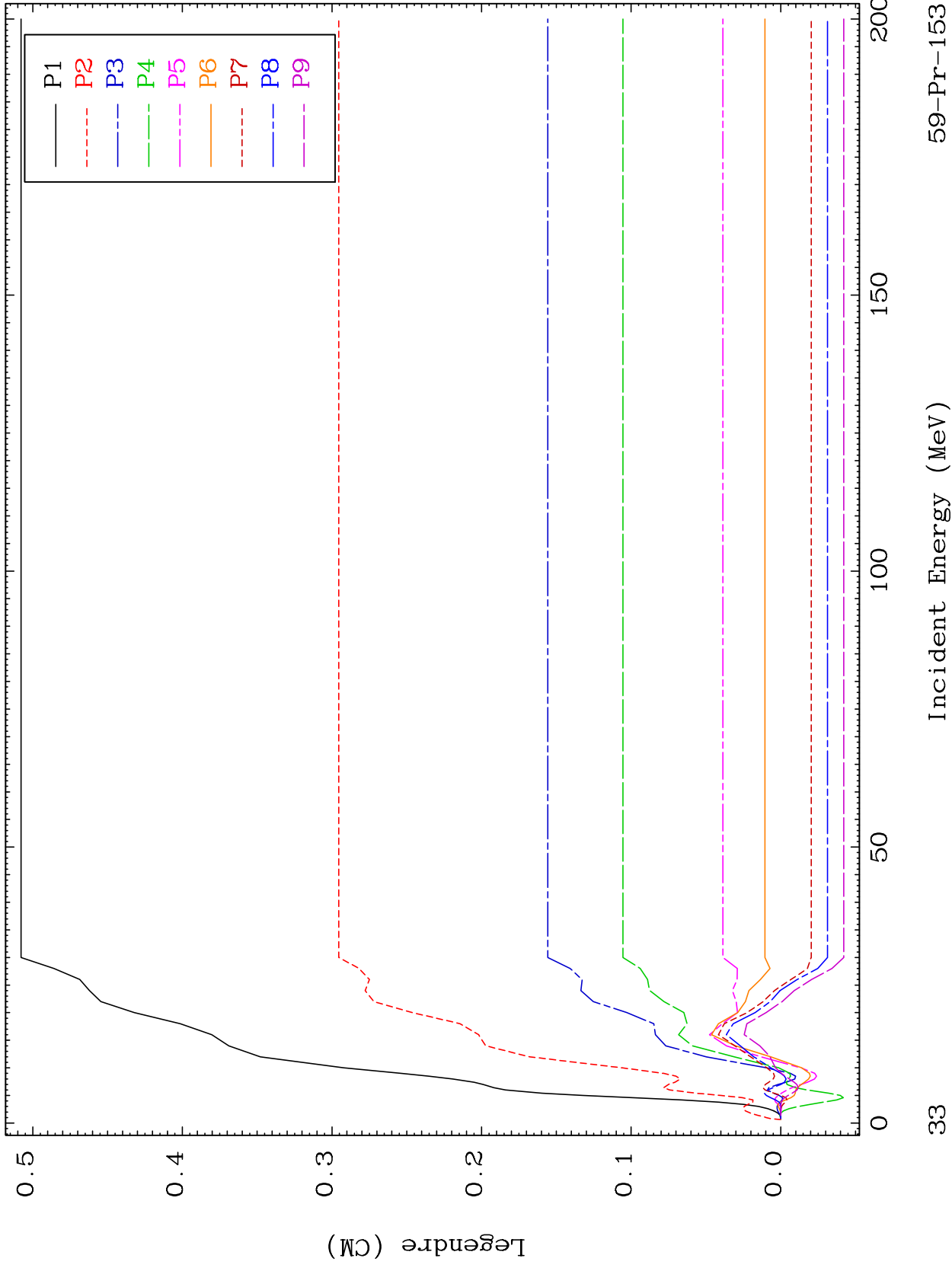




MAT 5961

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

59-Pr-153



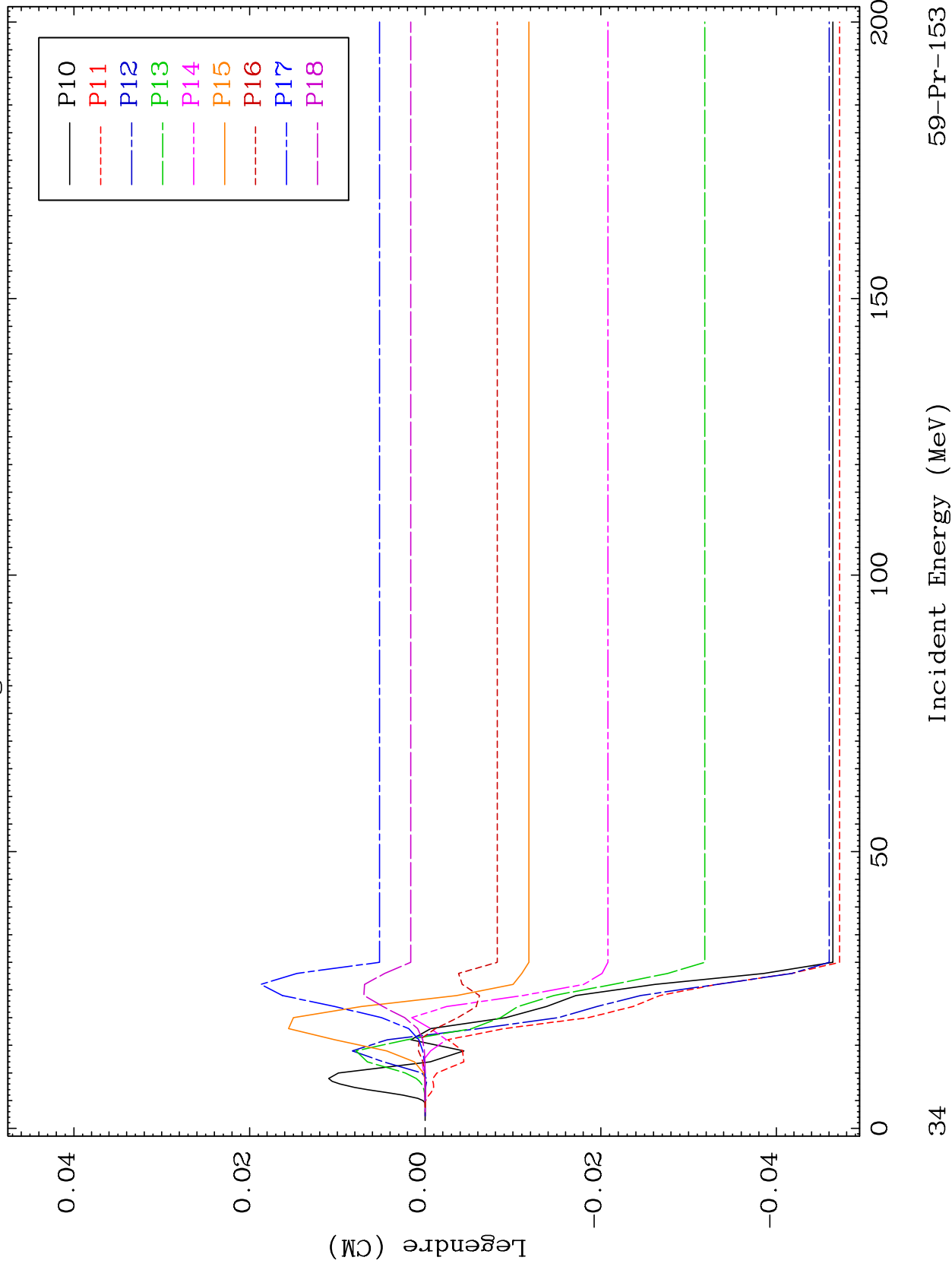
33

59-Pr-153

MAT 5961

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

59-Pr-153



34

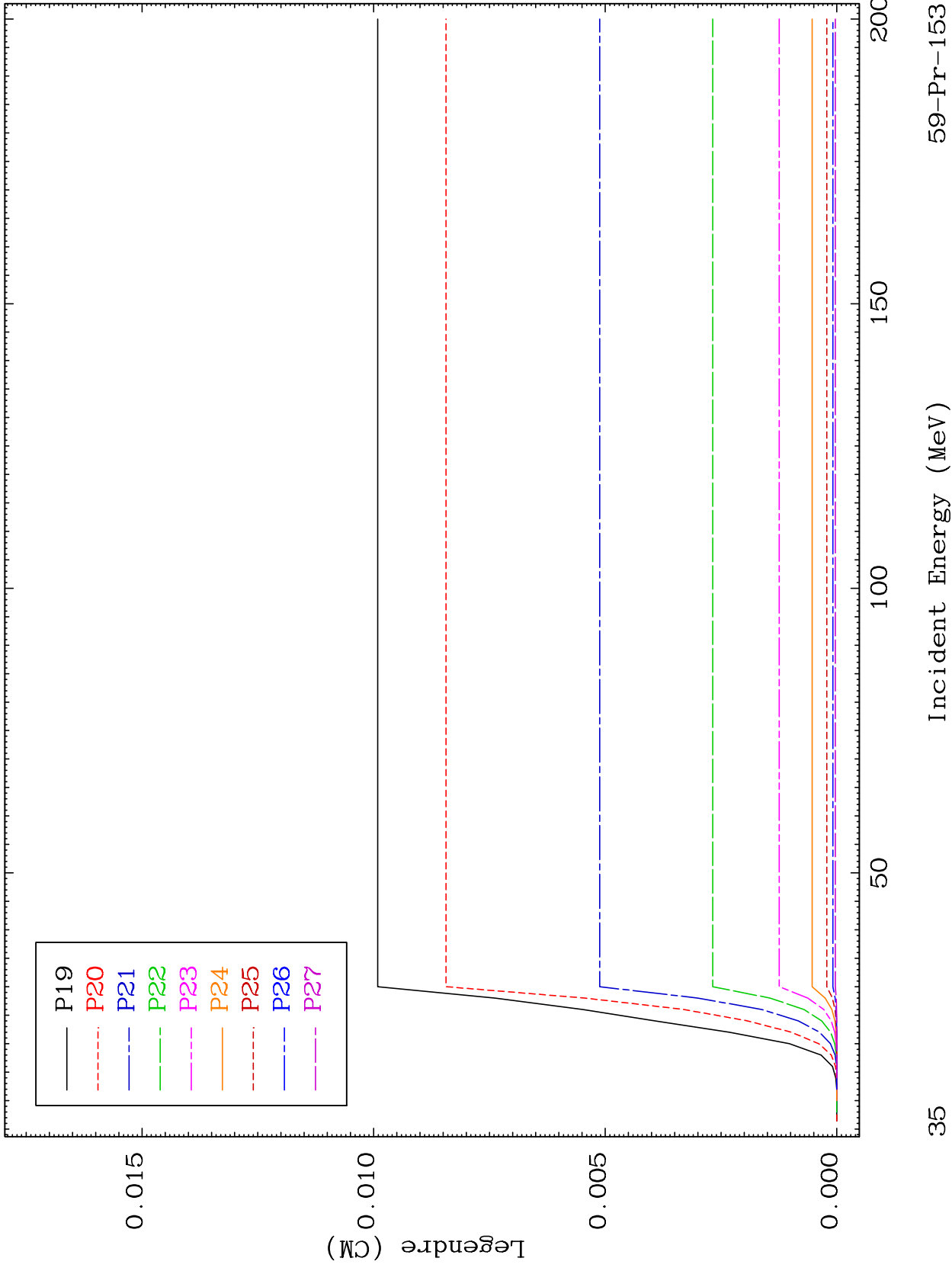
Incident Energy (MeV)

59-Pr-153

MAT 5961

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

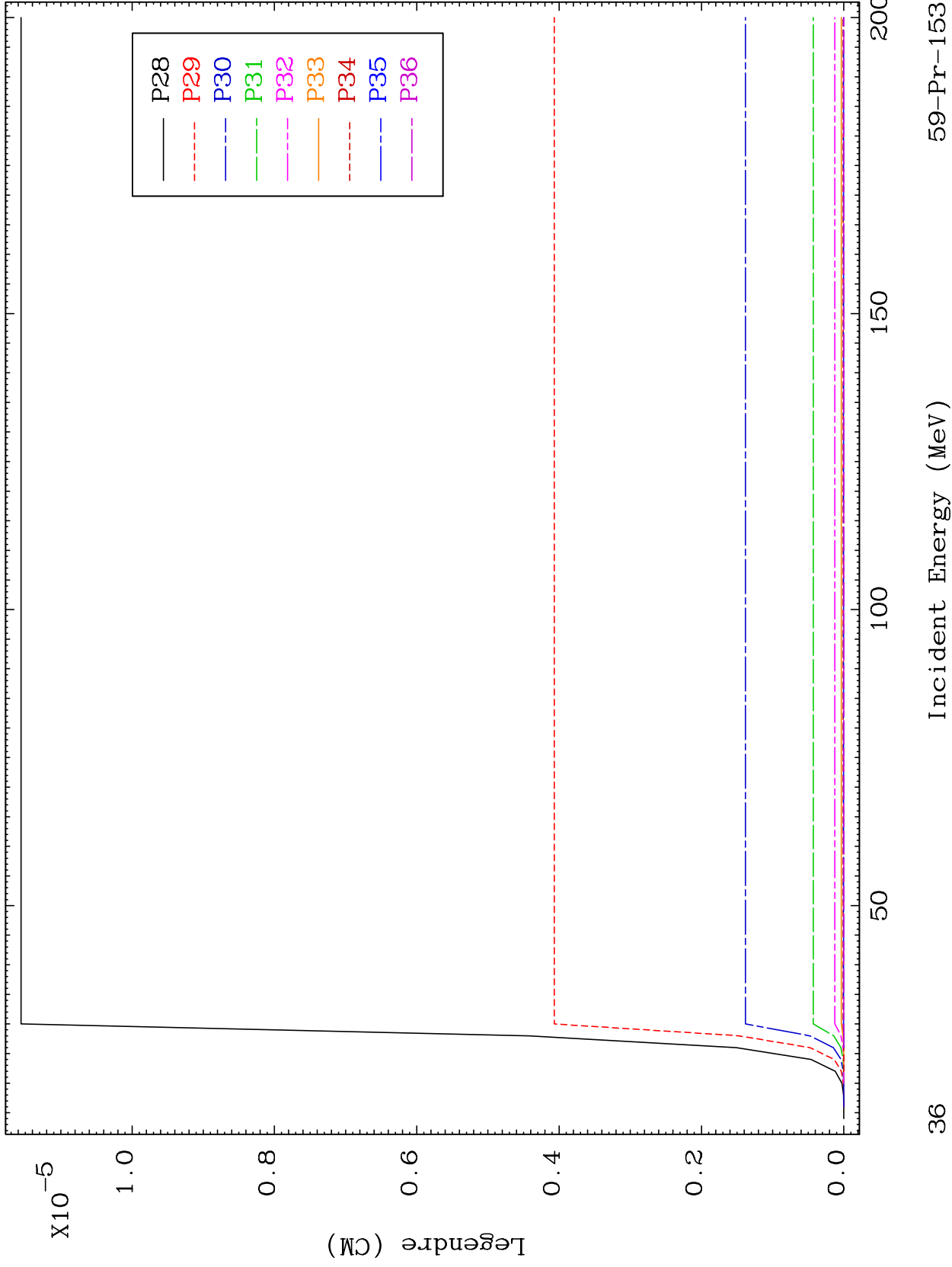
59-Pr-153



35

Incident Energy (MeV)

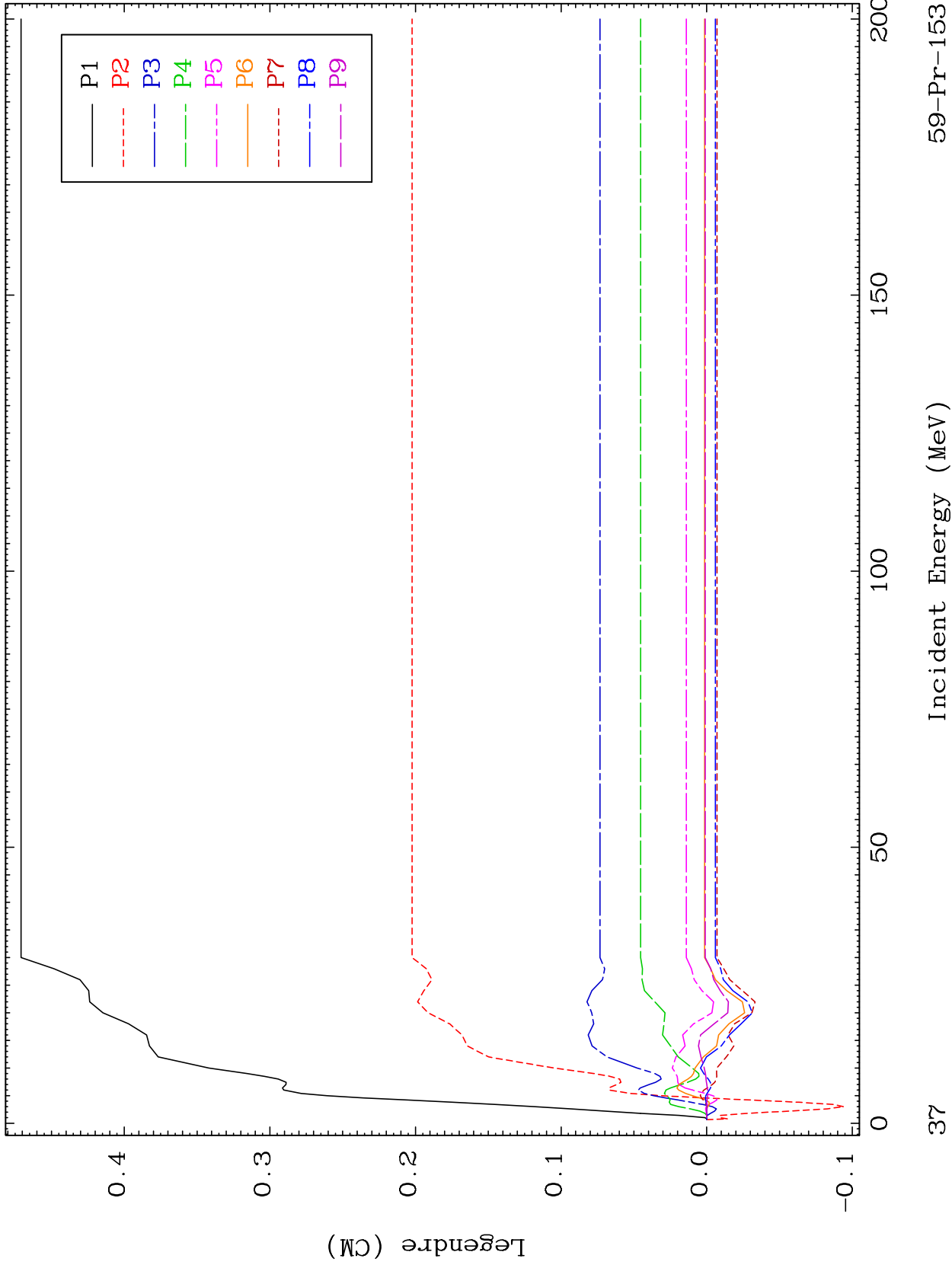
59-Pr-153



MAT 5961

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

59-Pr-153



37

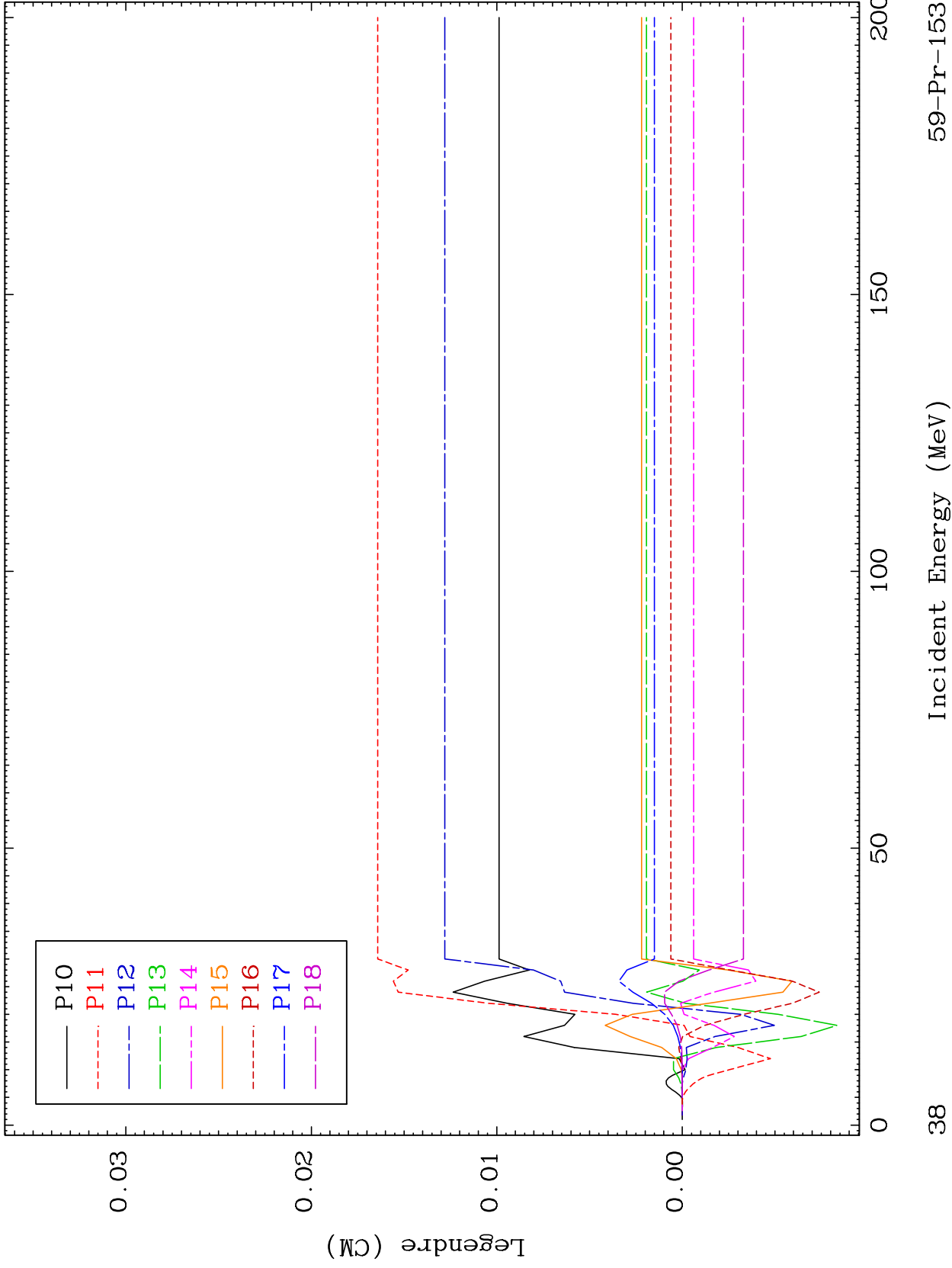
Incident Energy (MeV)

59-Pr-153

MAT 5961

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

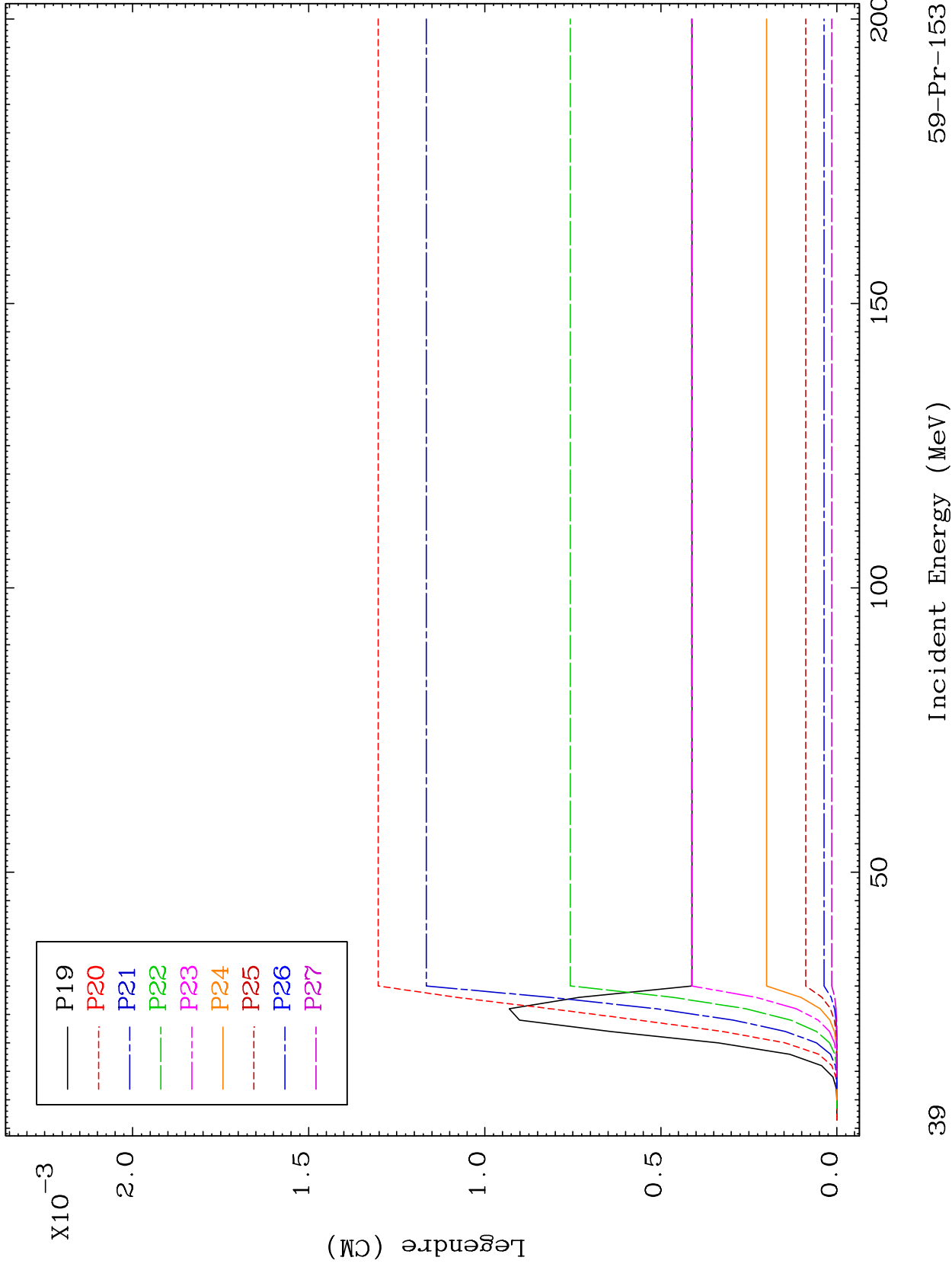
59-Pr-153



38

Incident Energy (MeV)

59-Pr-153

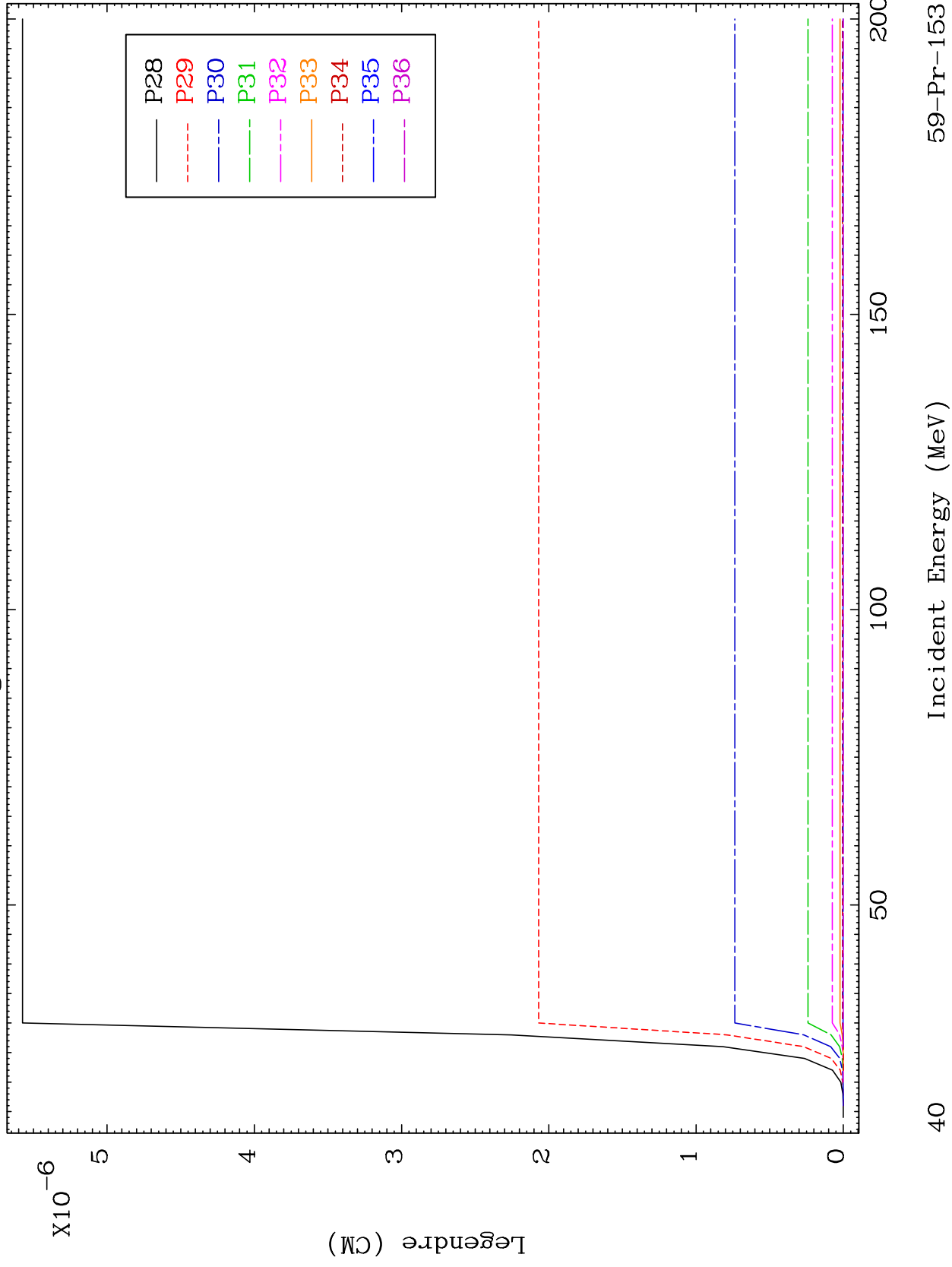




MAT 5961

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

59-Pr-153



59-Pr-153

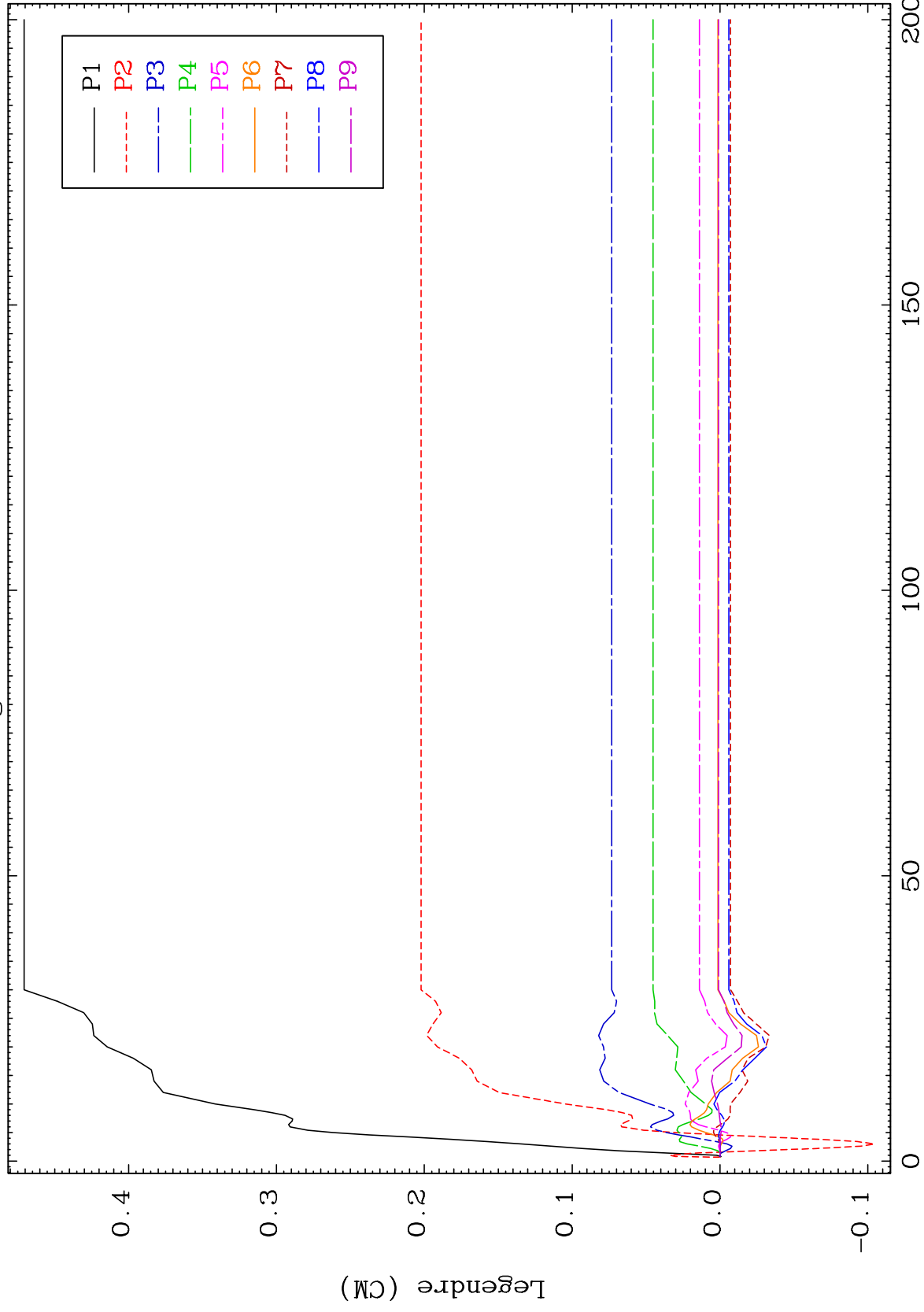
Incident Energy (MeV)

40

MAT 5961

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

59-Pr-153



41

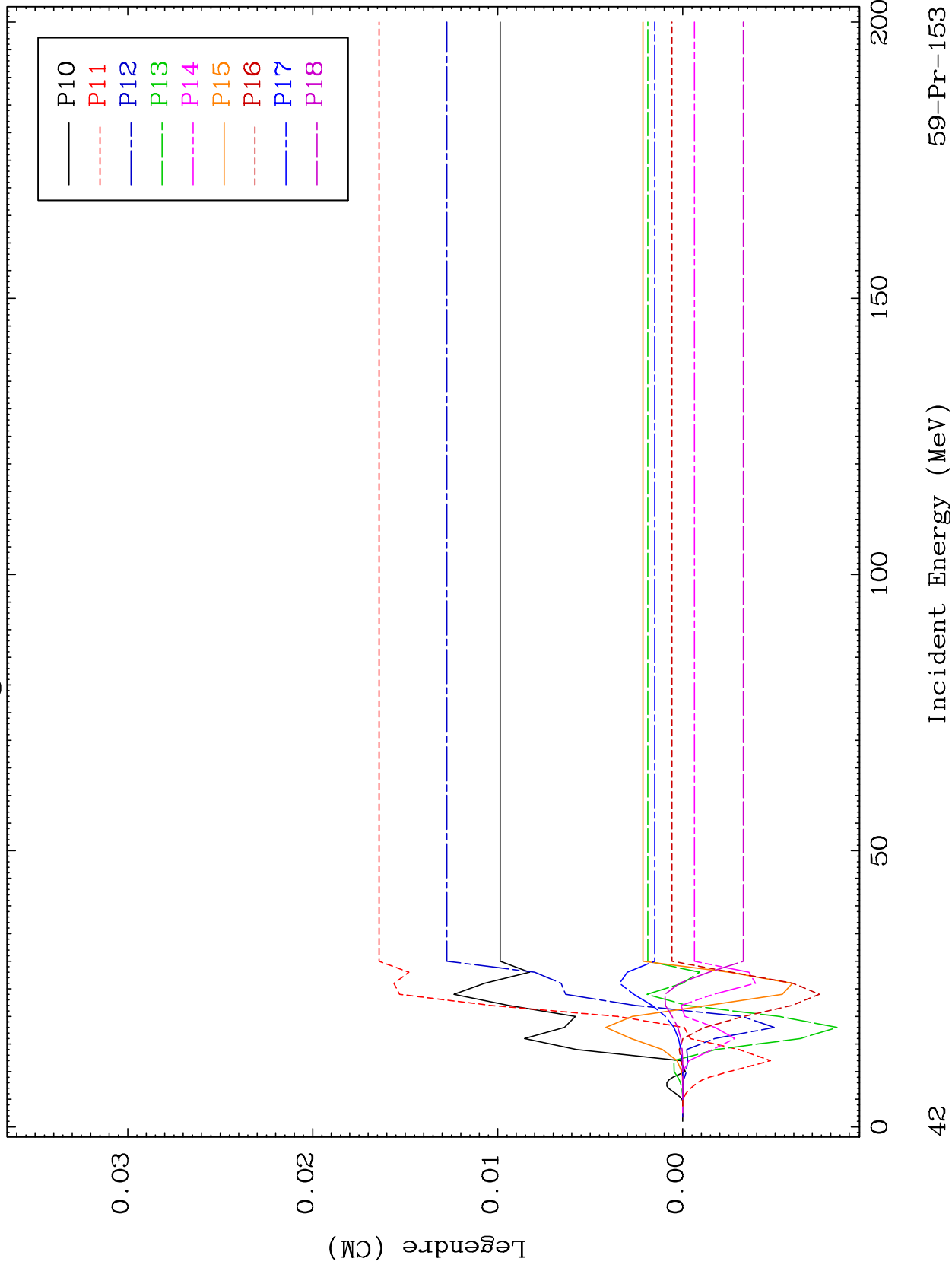
Incident Energy (MeV)

59-Pr-153

MAT 5961

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

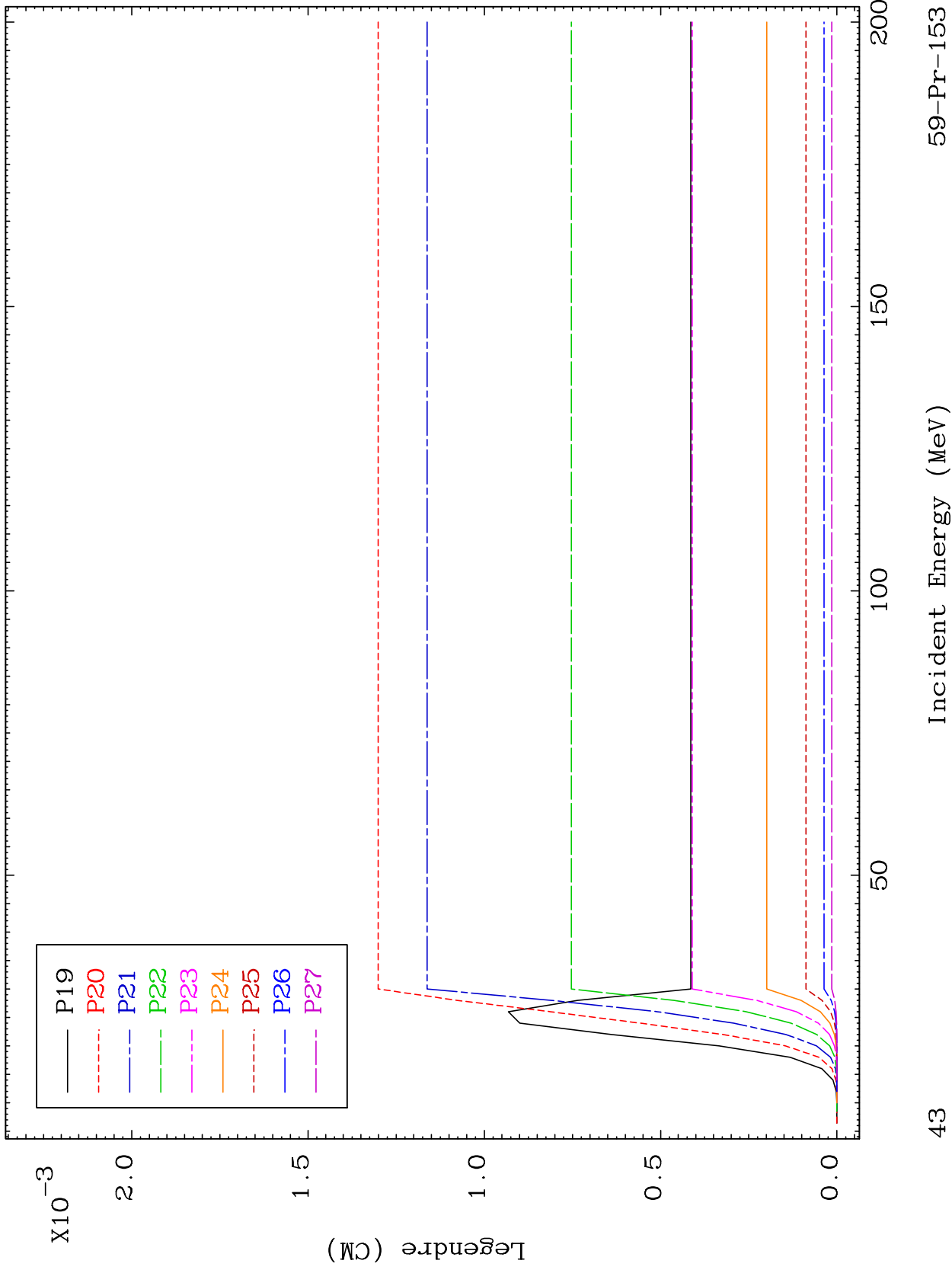
59-Pr-153



42

Incident Energy (MeV)

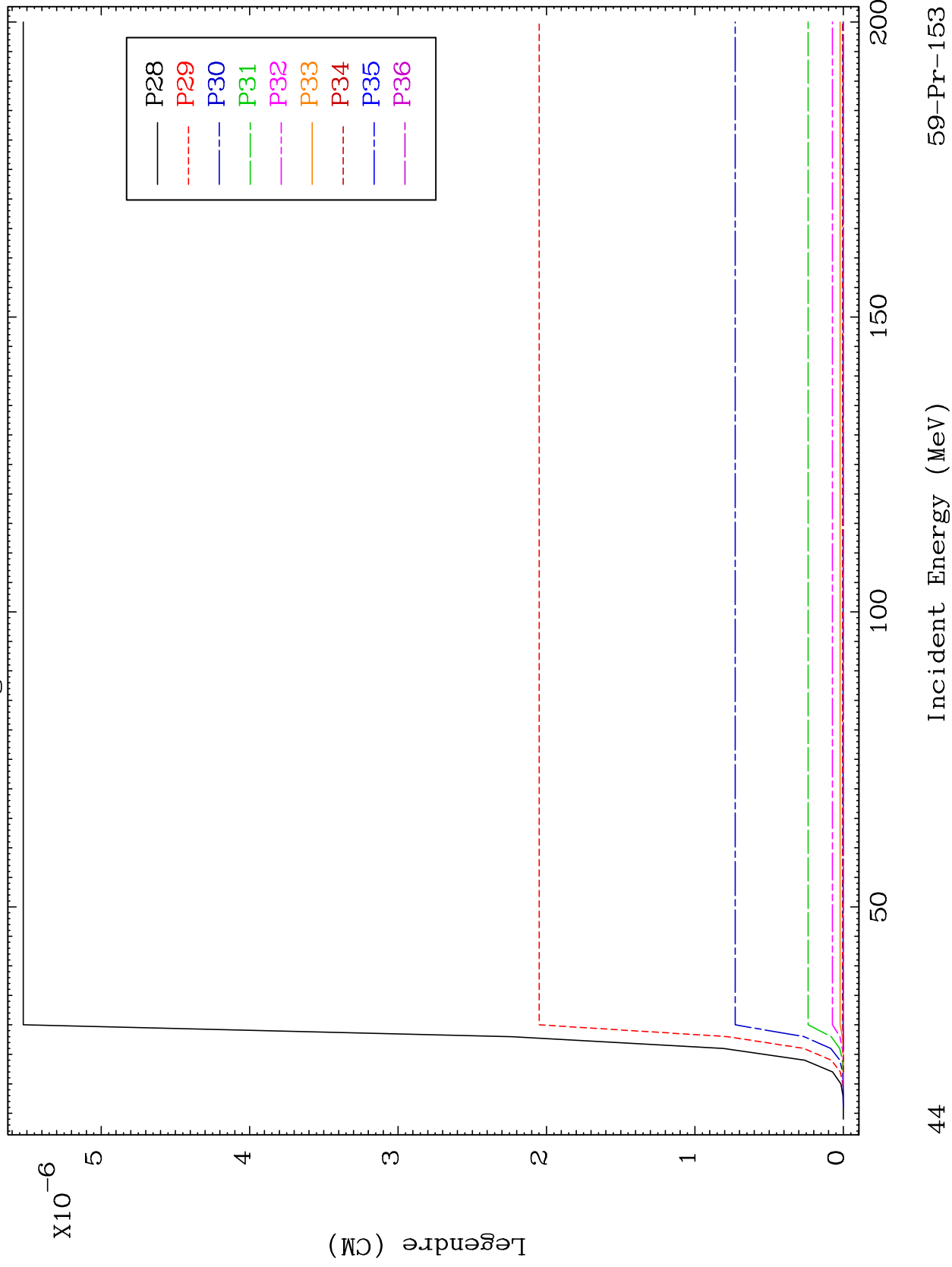
59-Pr-153



MAT 5961

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

59-Pr-153



44

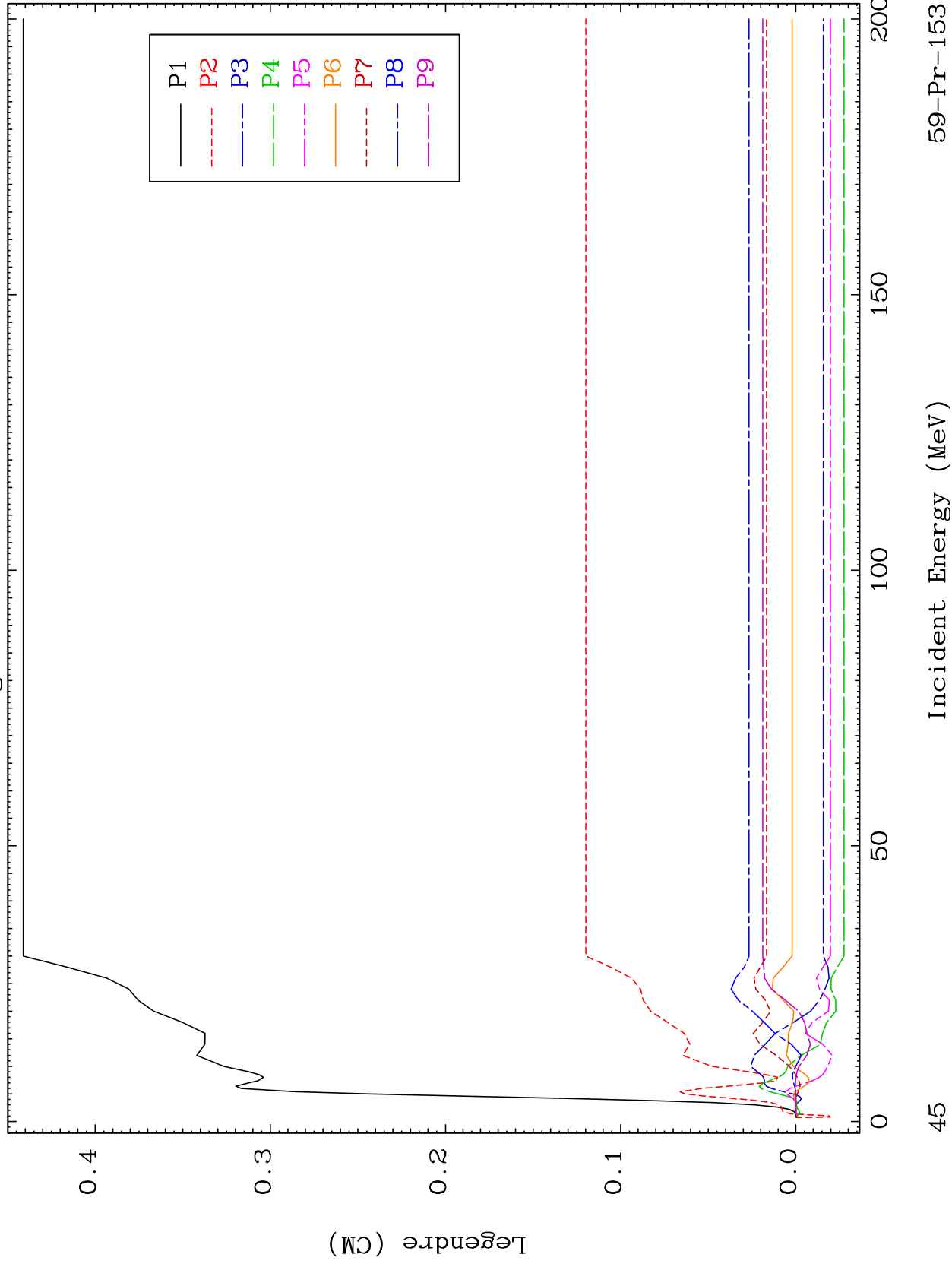
Incident Energy (MeV)

59-Pr-153

MAT 5961

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

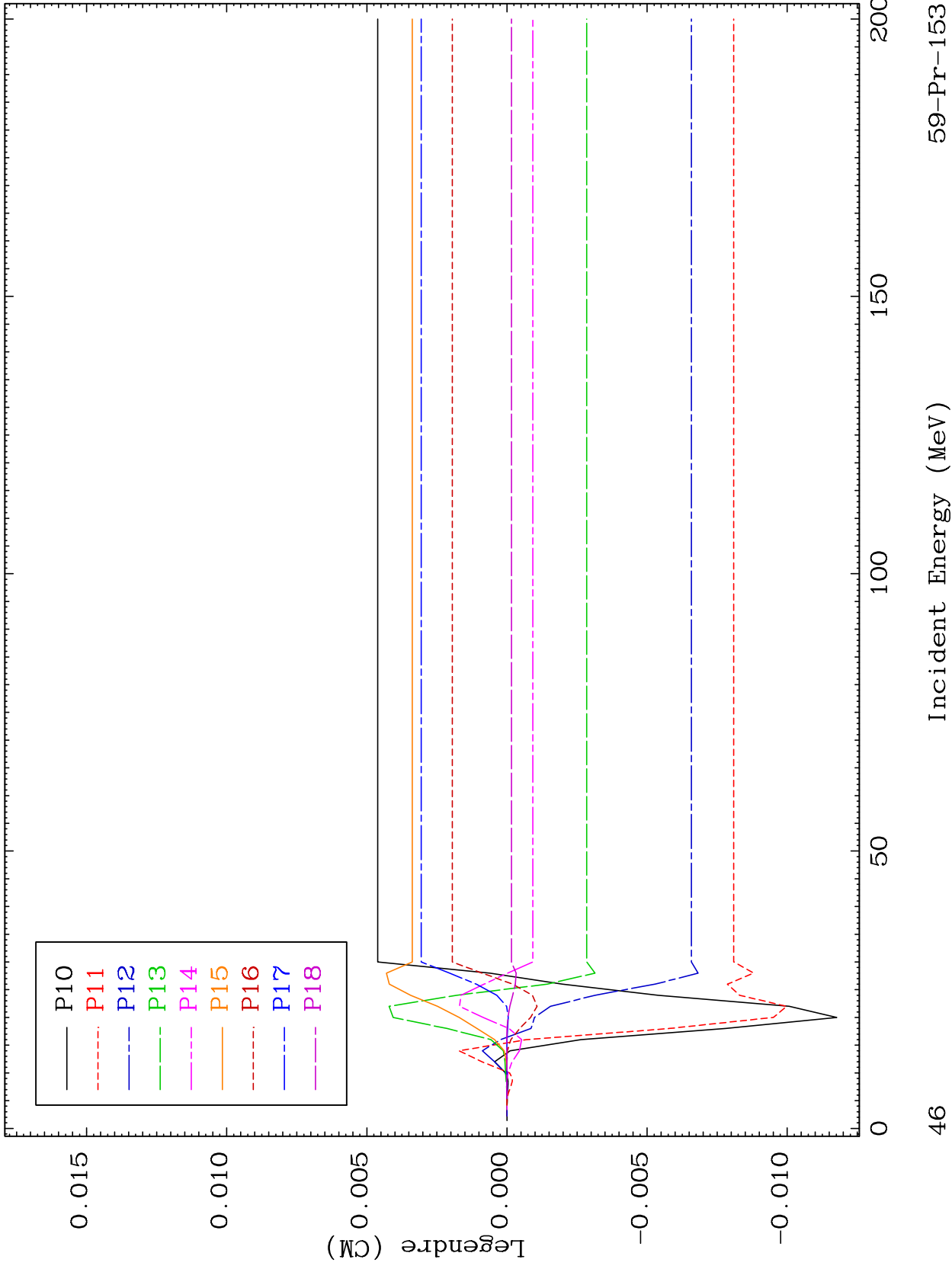
59-Pr-153



59-Pr-153

Incident Energy (MeV)

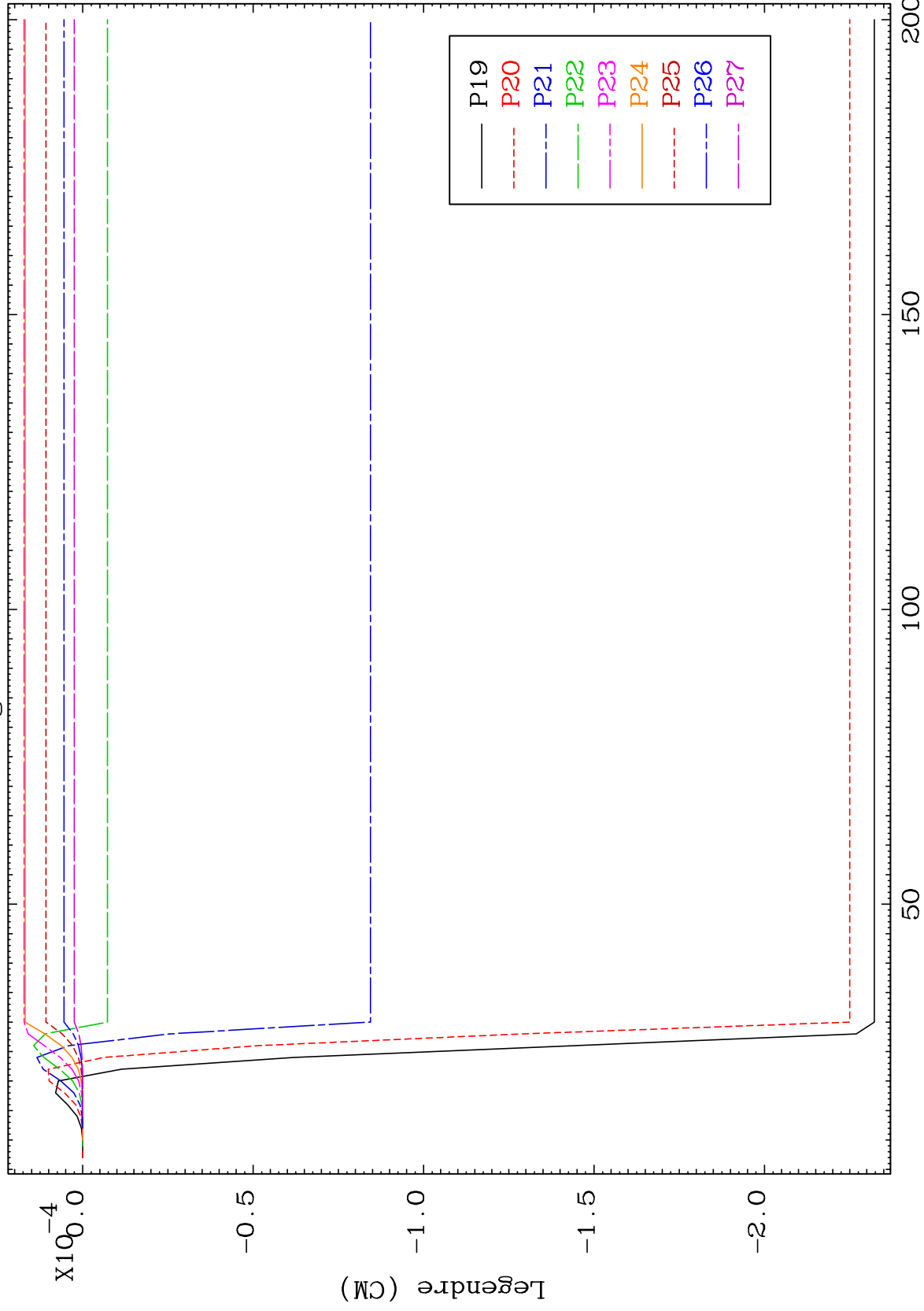
45



MAT 5961

59-Pr-153

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



47

Incident Energy (MeV)

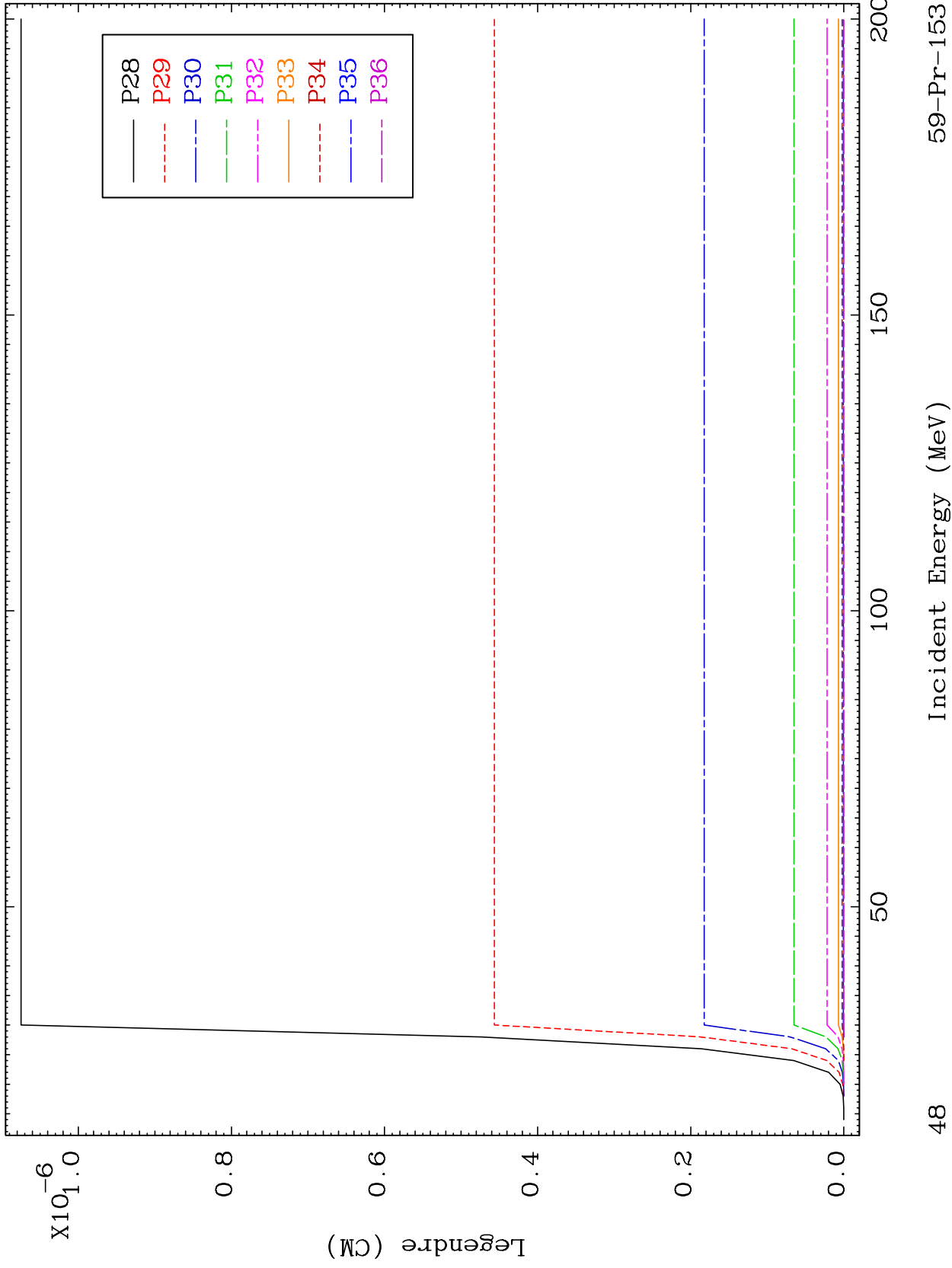
59-Pr-153



MAT 5961

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

59-Pr-153



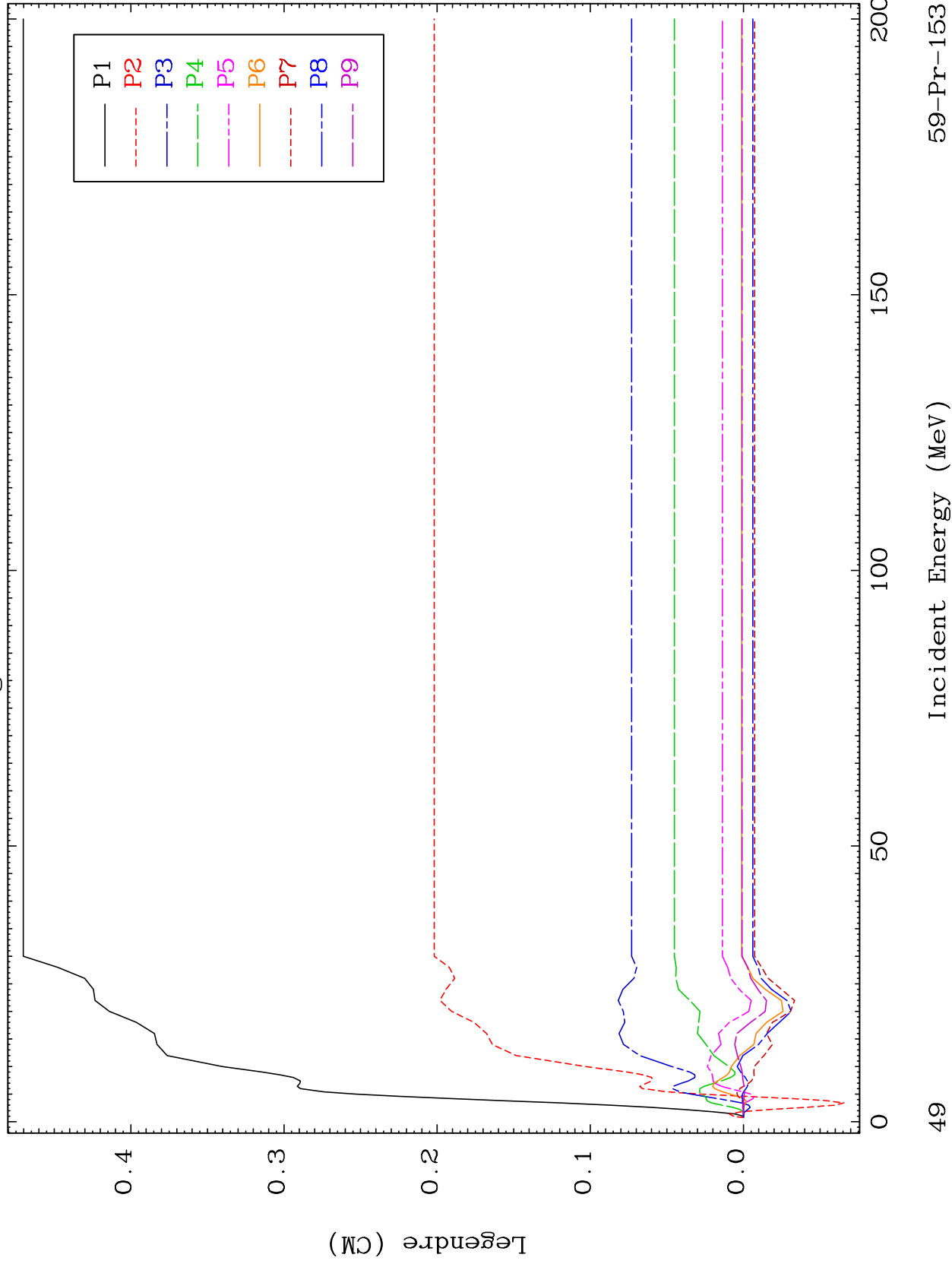
48

59-Pr-153

MAT 5961

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

59-Pr-153



59-Pr-153

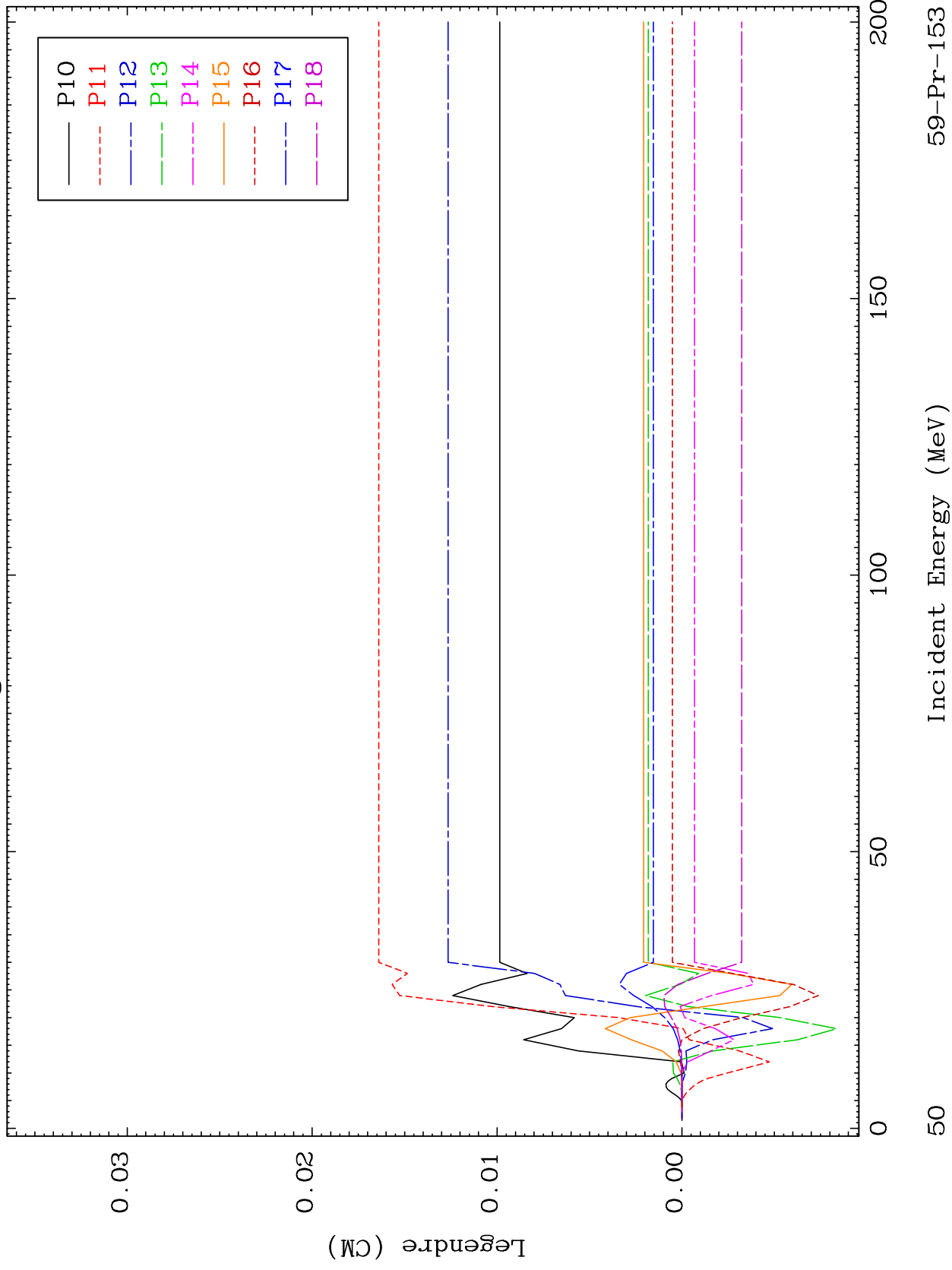
Incident Energy (MeV)

49

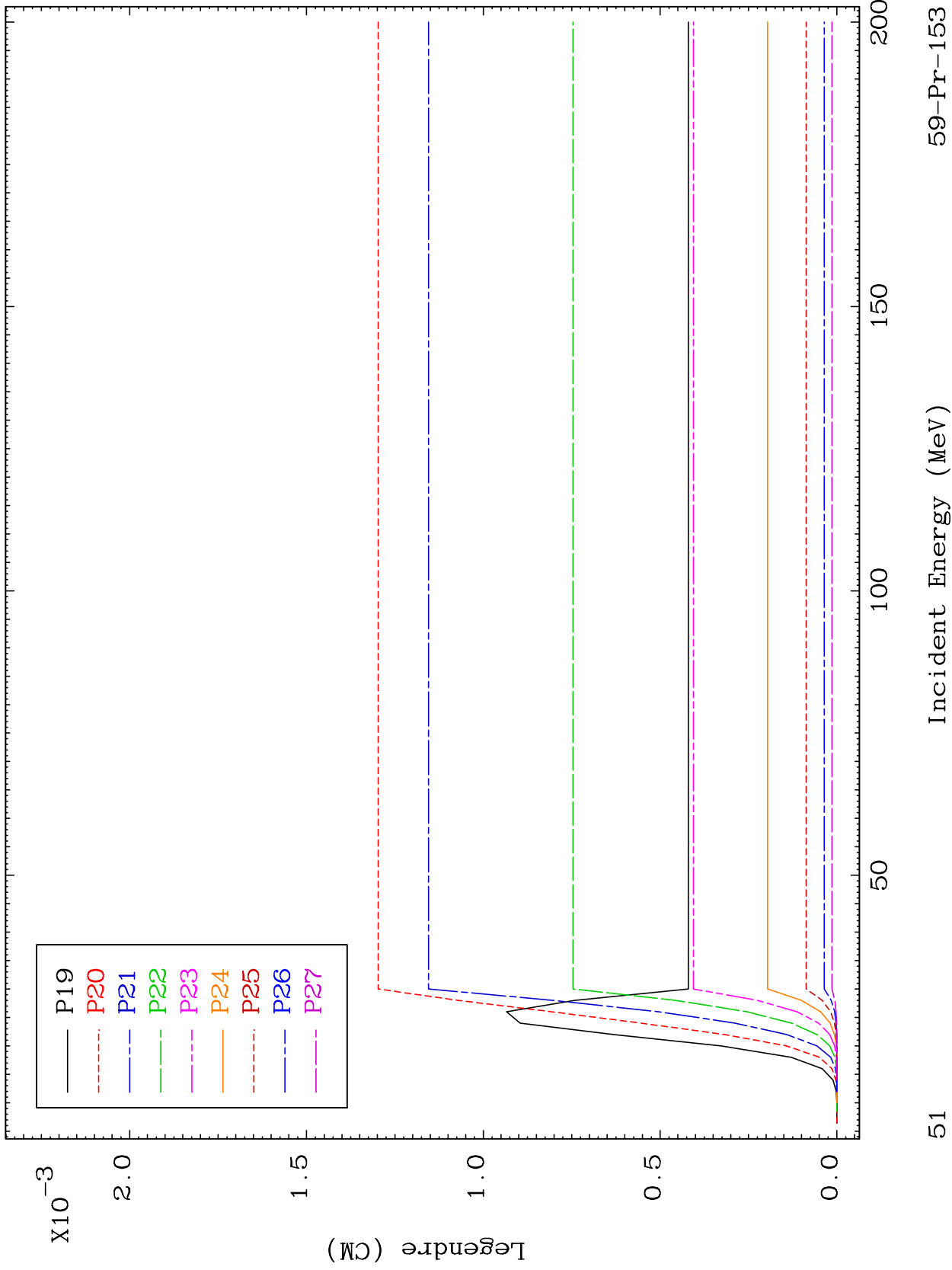
MAT 5961

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

59-Pr-153



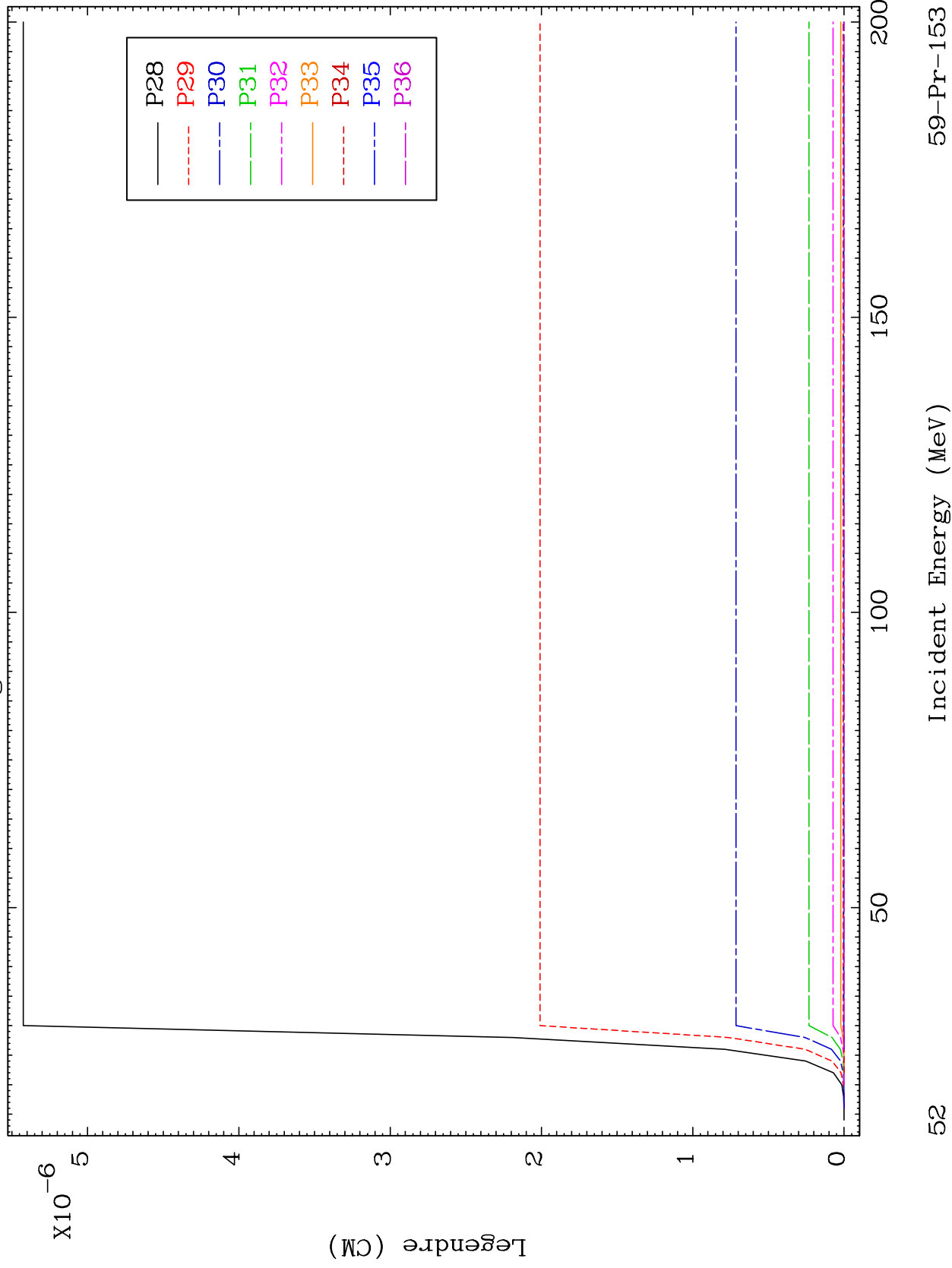
59-Pr-153



MAT 5961

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

59-Pr-153



52

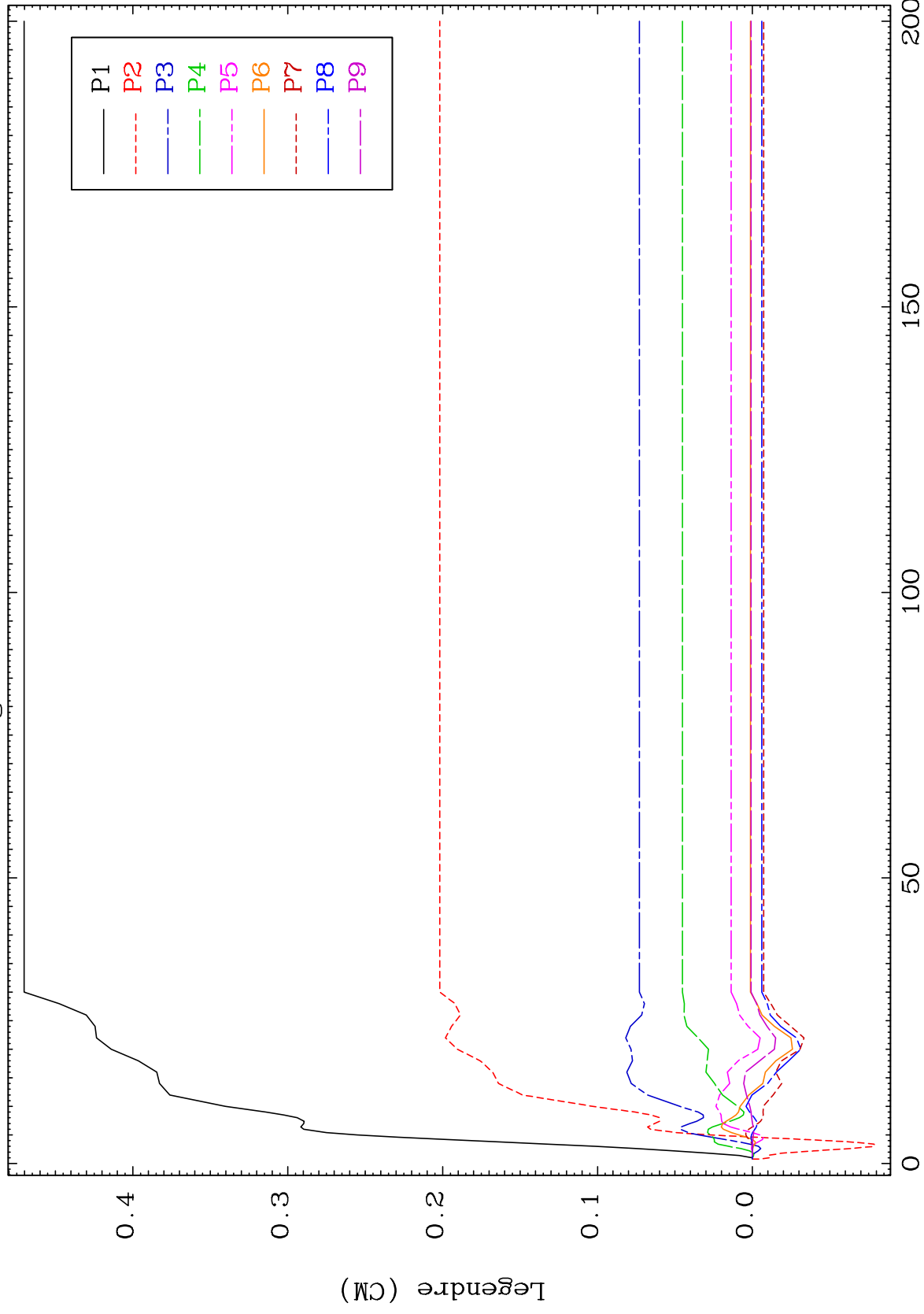
Incident Energy (MeV)

59-Pr-153

MAT 5961

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

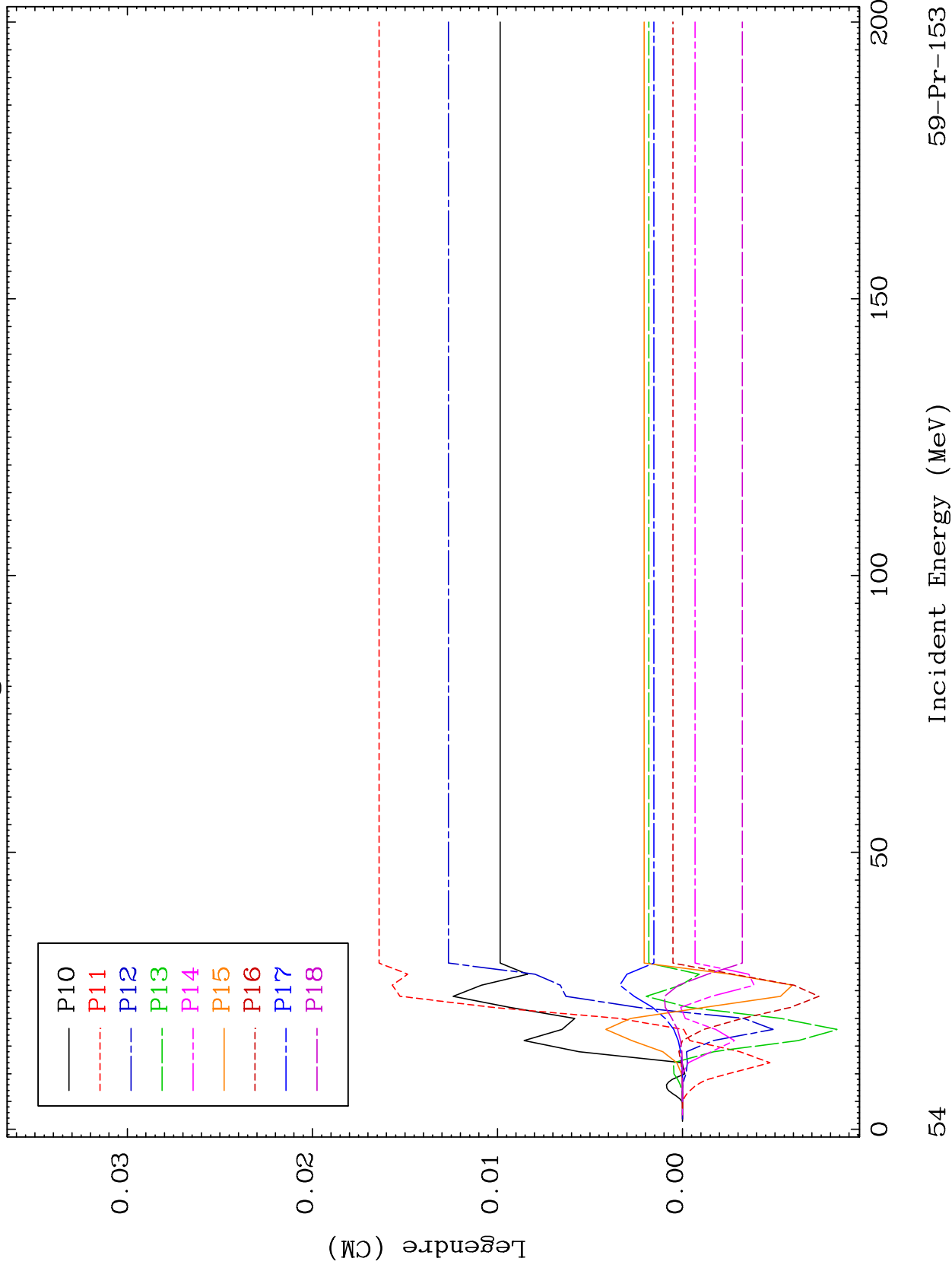
59-Pr-153

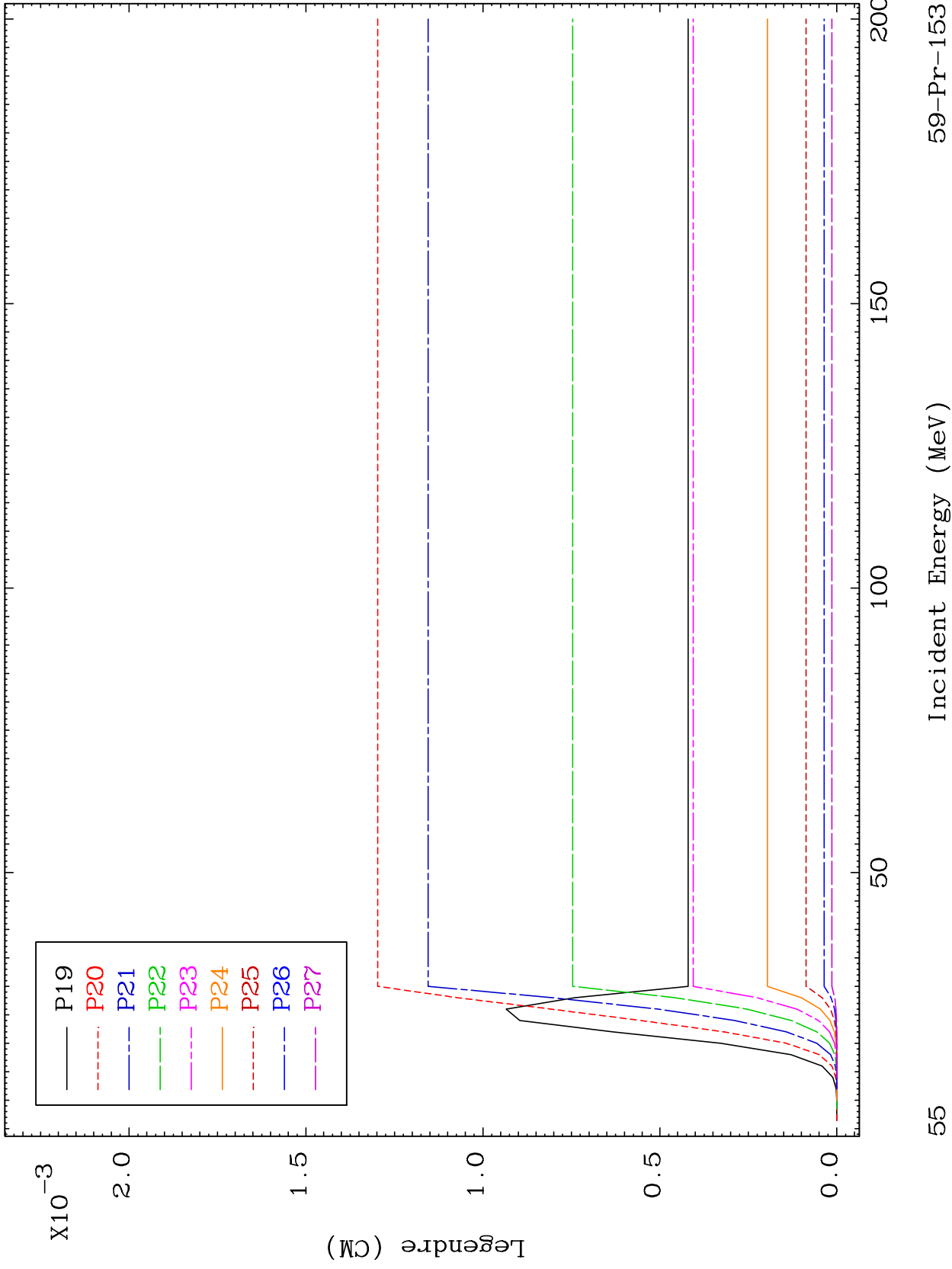


53

Incident Energy (MeV)

59-Pr-153



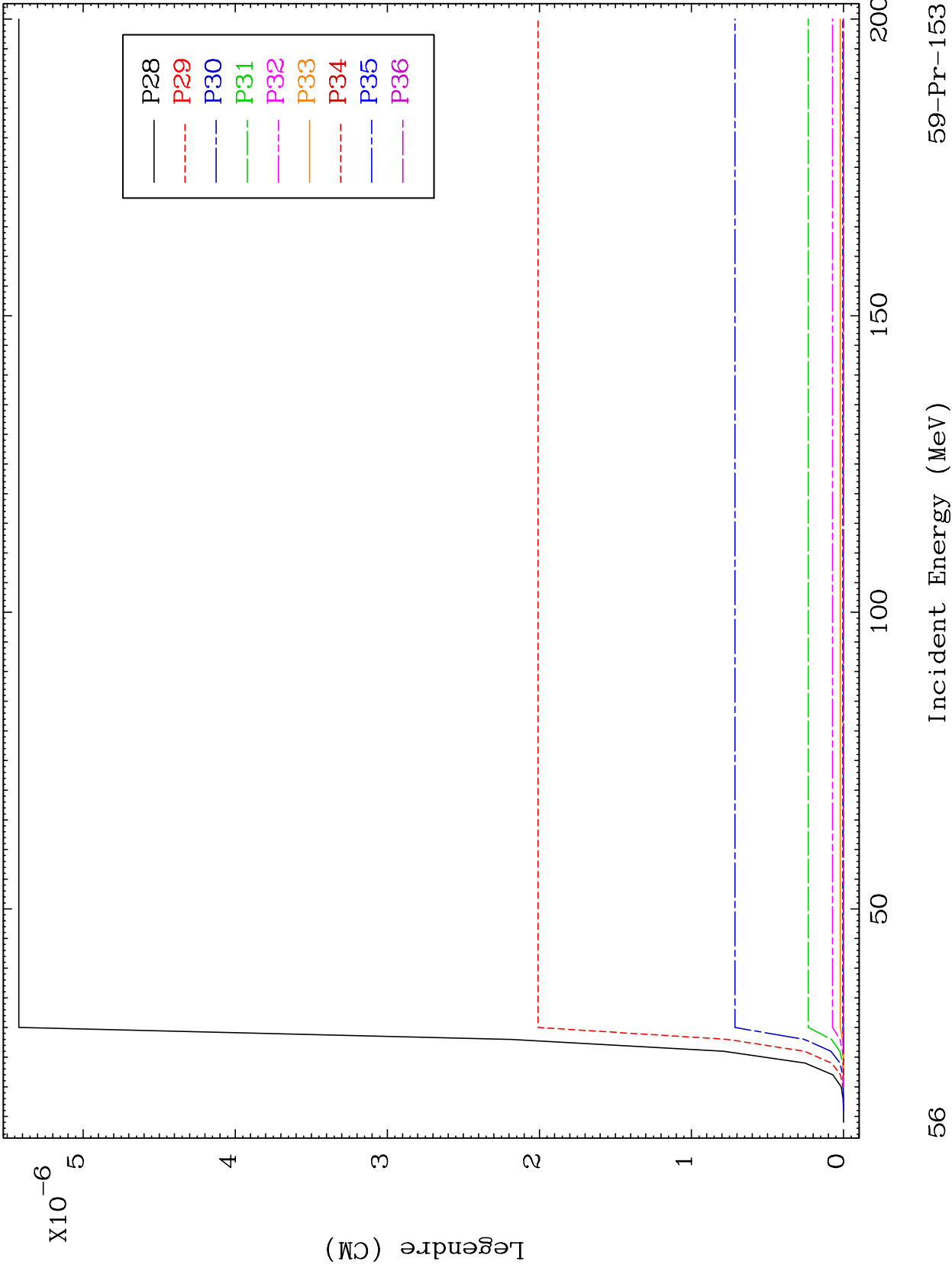




MAT 5961

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

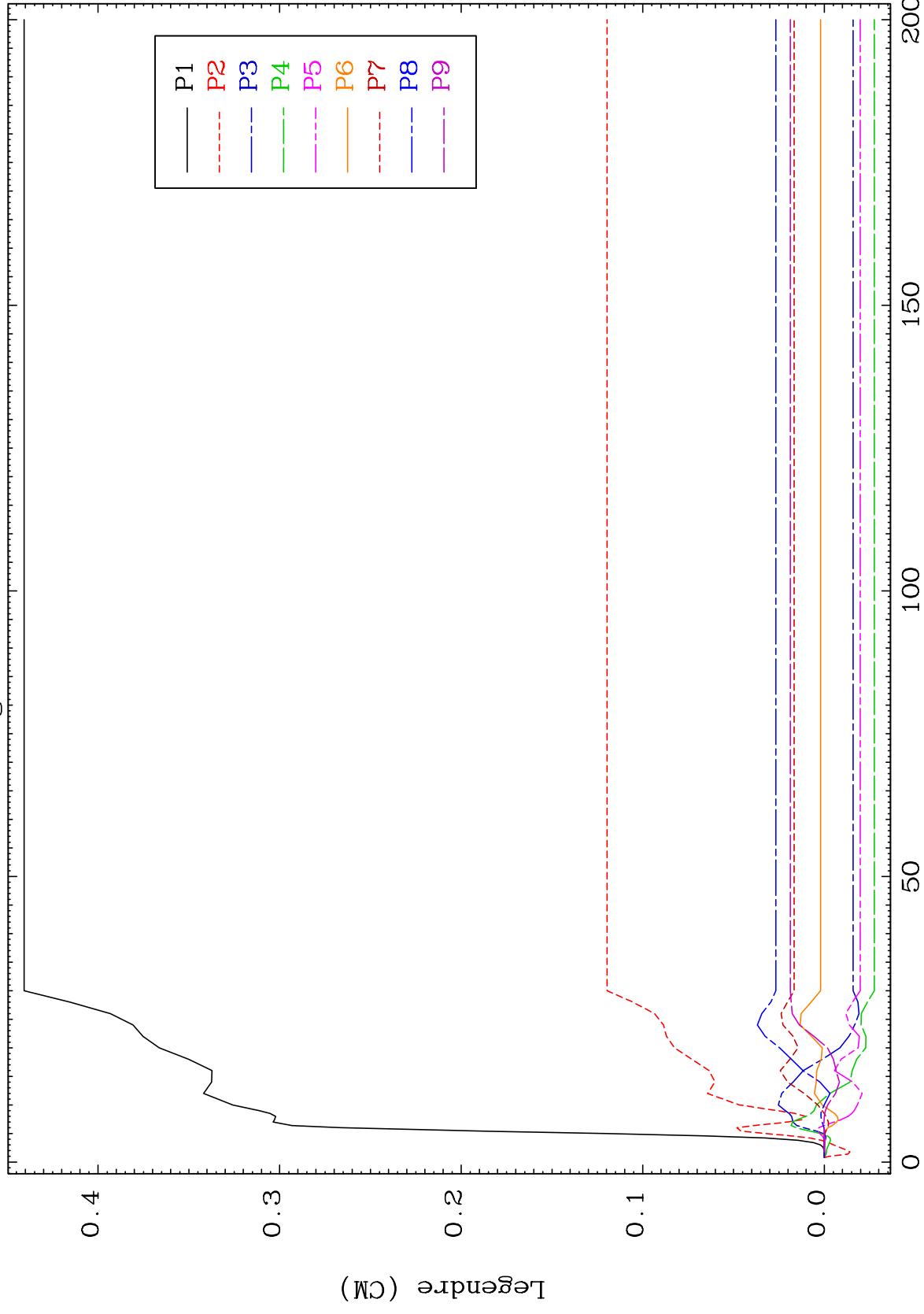
59-Pr-153



MAT 5961

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

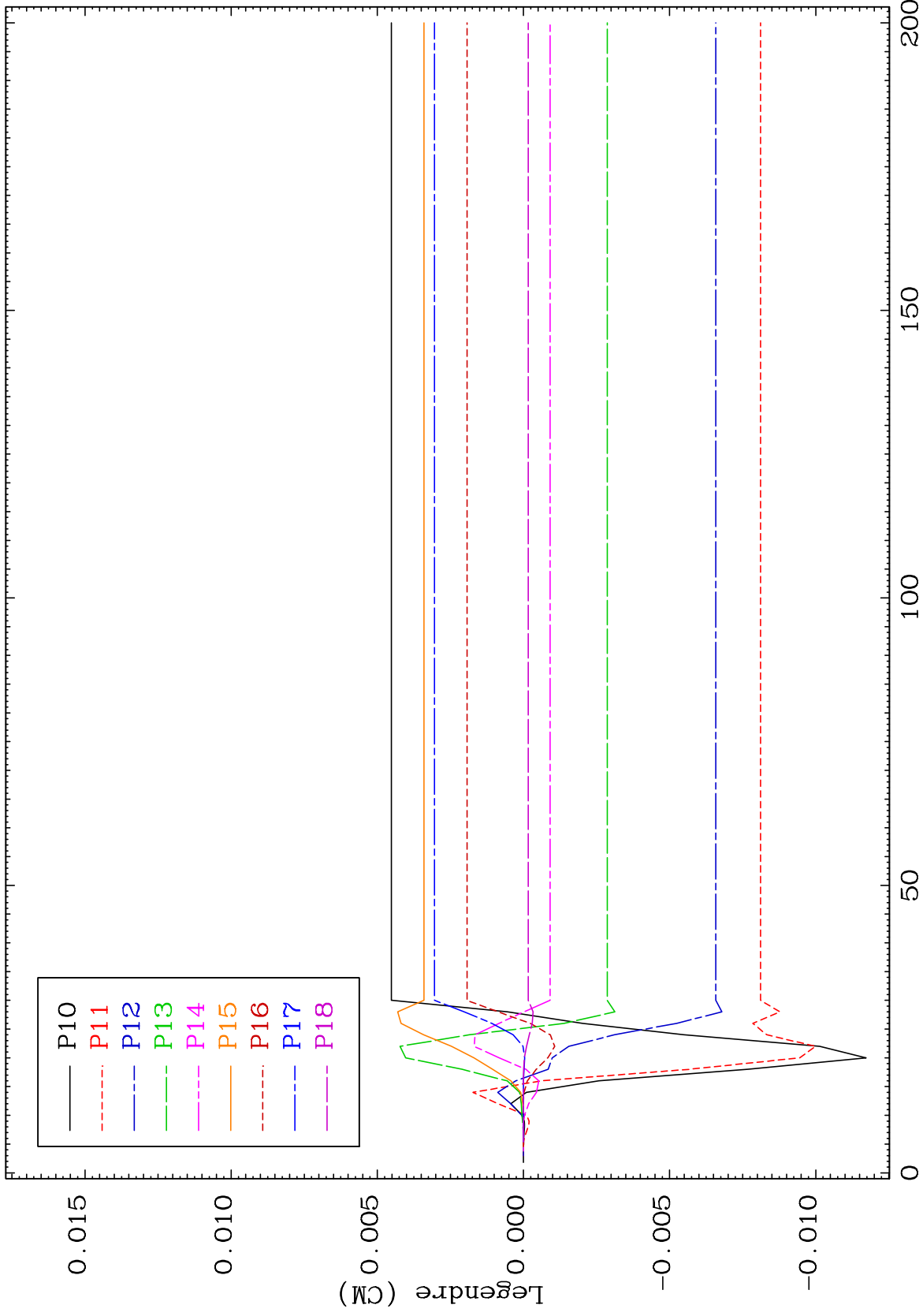
59-Pr-153



57

Incident Energy (MeV)

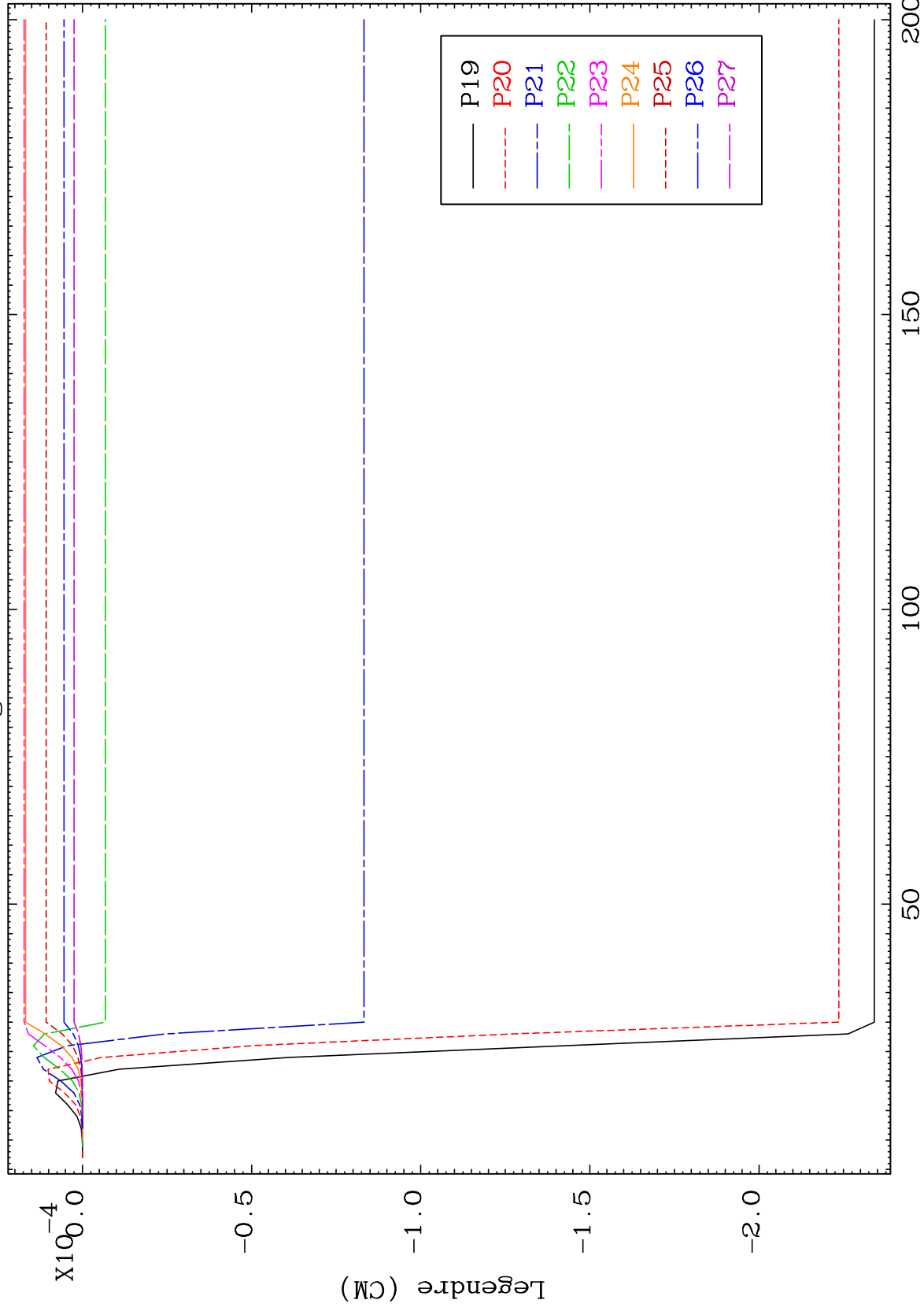
59-Pr-153



MAT 5961

59-Pr-153

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



59

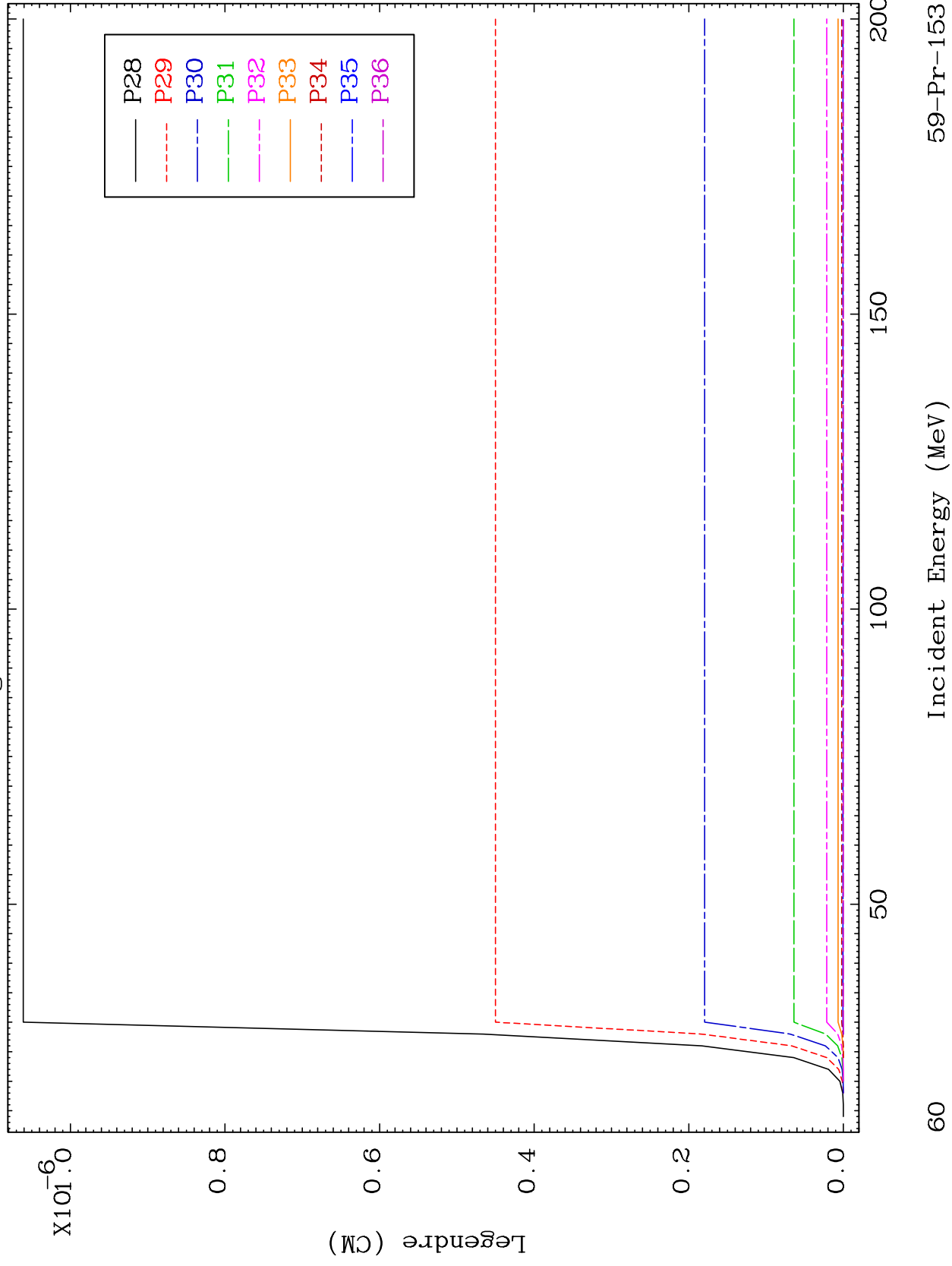
Incident Energy (MeV)

59-Pr-153

MAT 5961

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

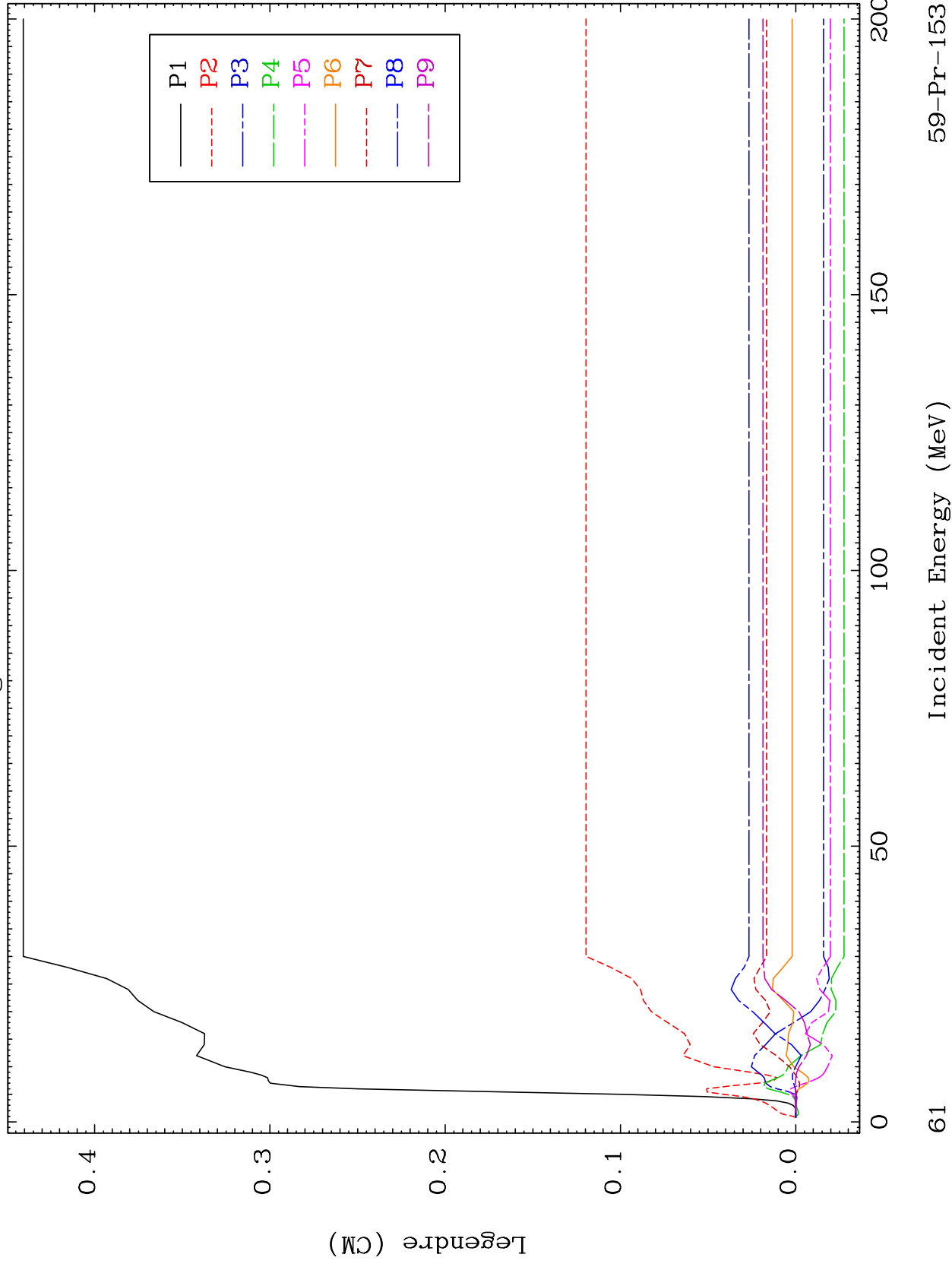
59-Pr-153



MAT 5961

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

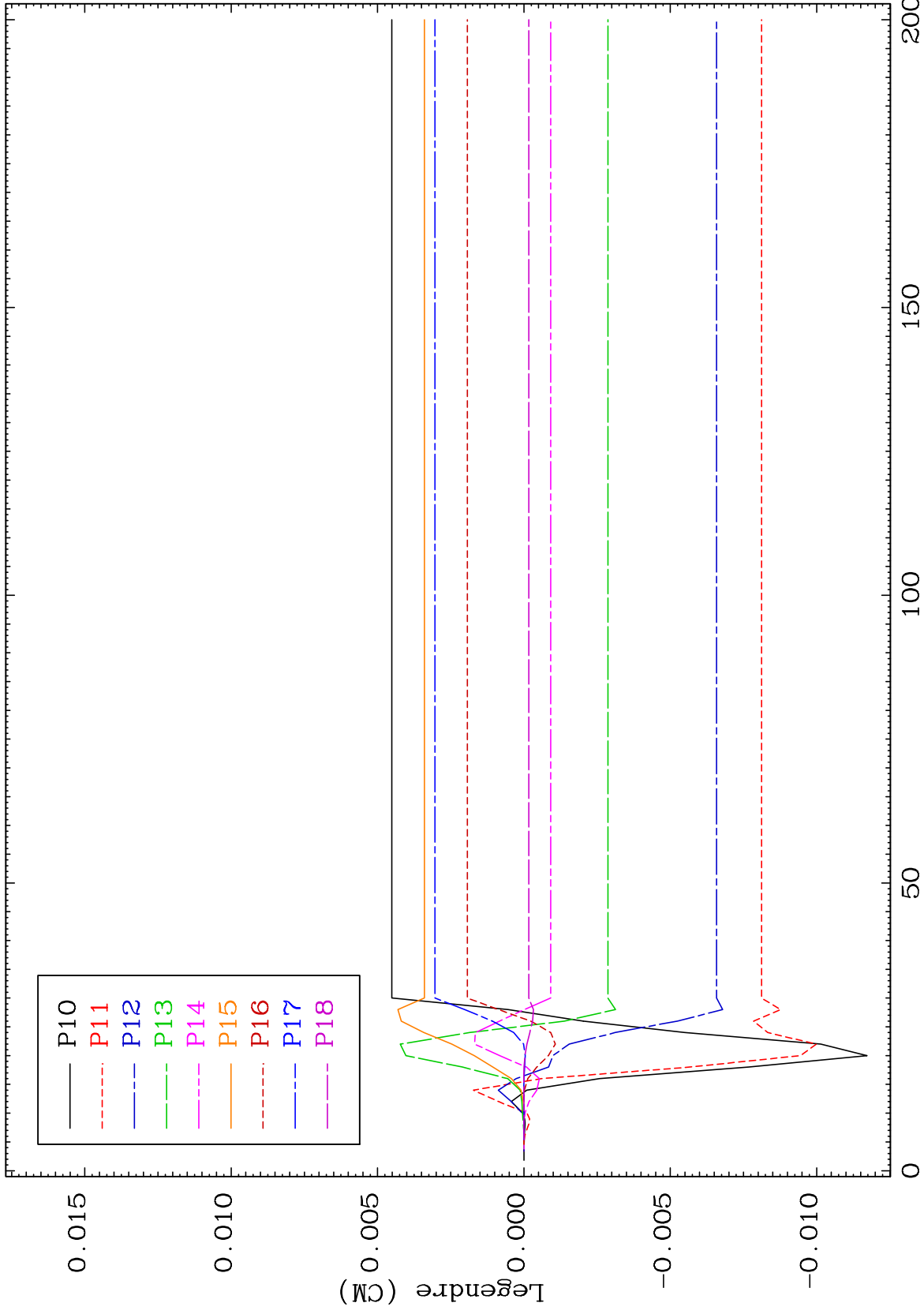
59-Pr-153



59-Pr-153

Incident Energy (MeV)

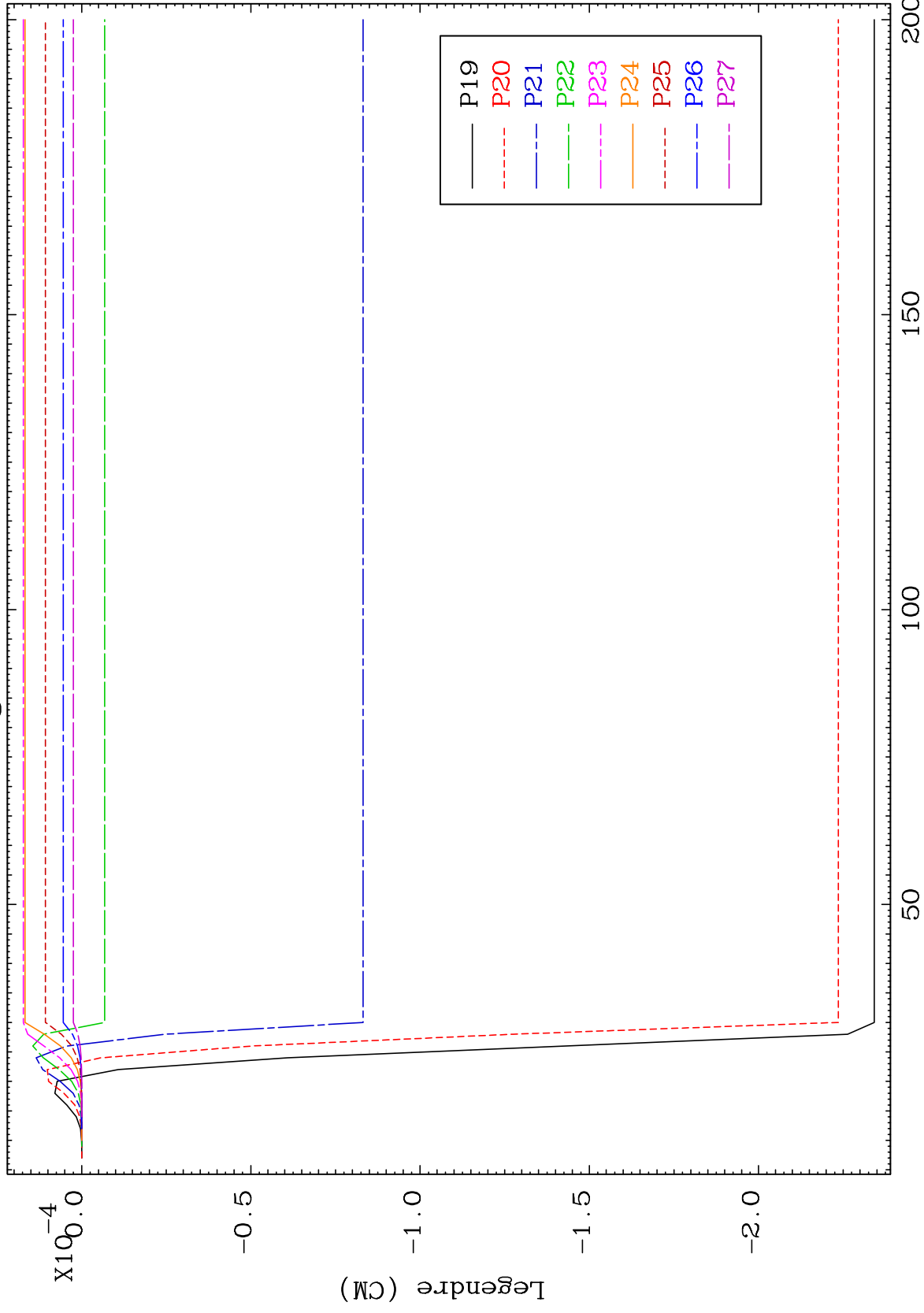
61



MAT 5961

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

59-Pr-153



63

Incident Energy (MeV)

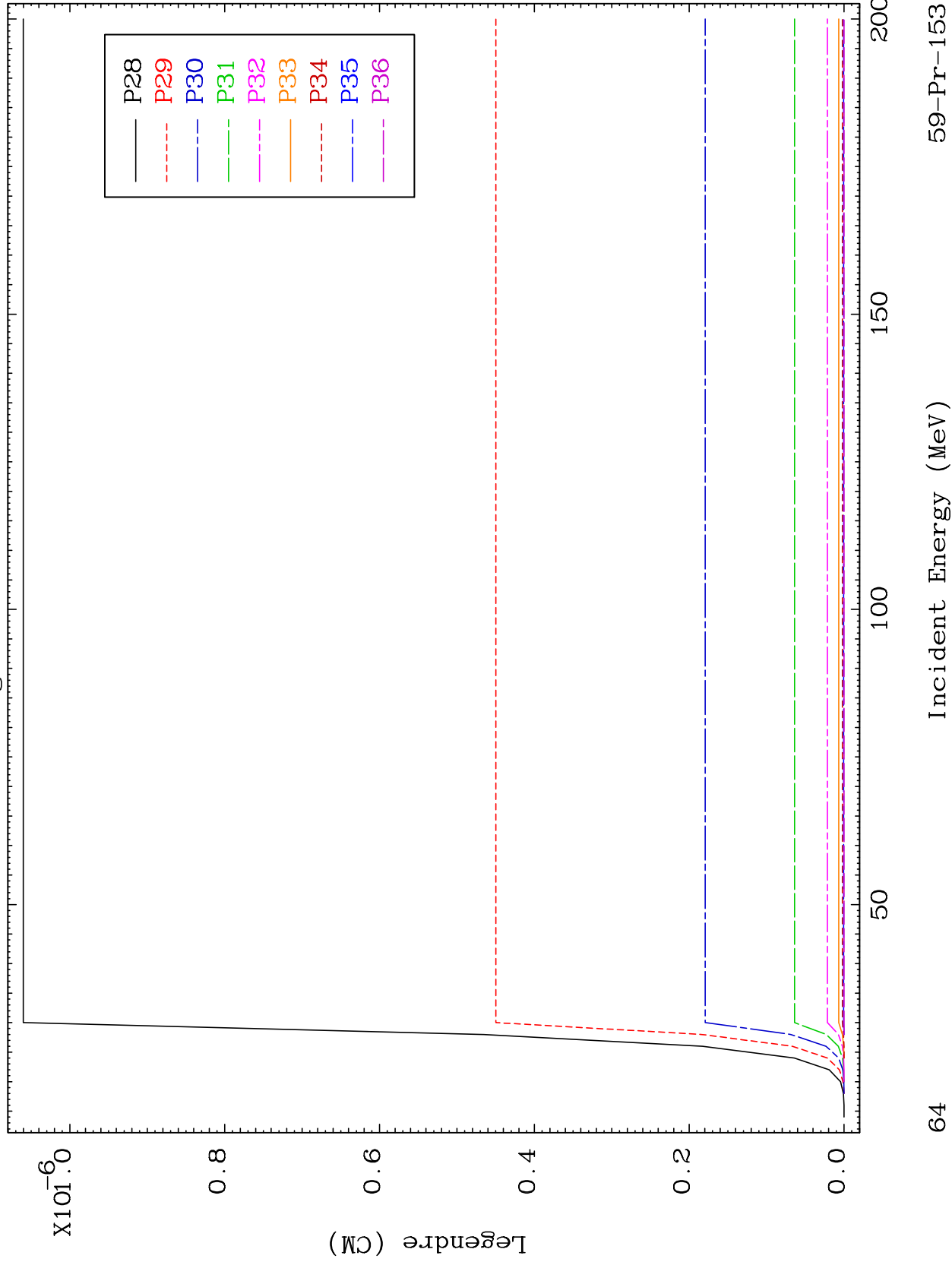
59-Pr-153



MAT 5961

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

59-Pr-153



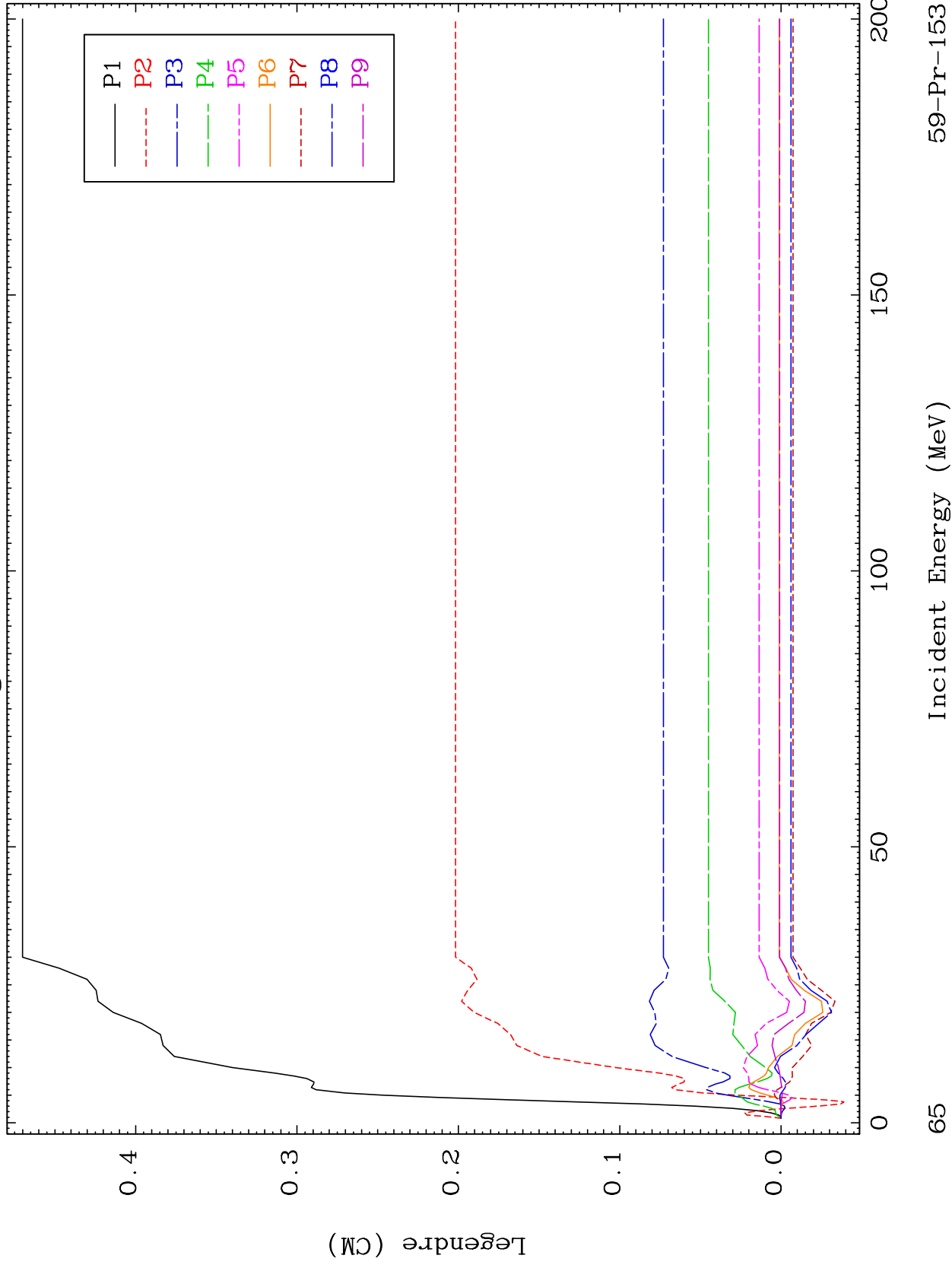
64

59-Pr-153

MAT 5961

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

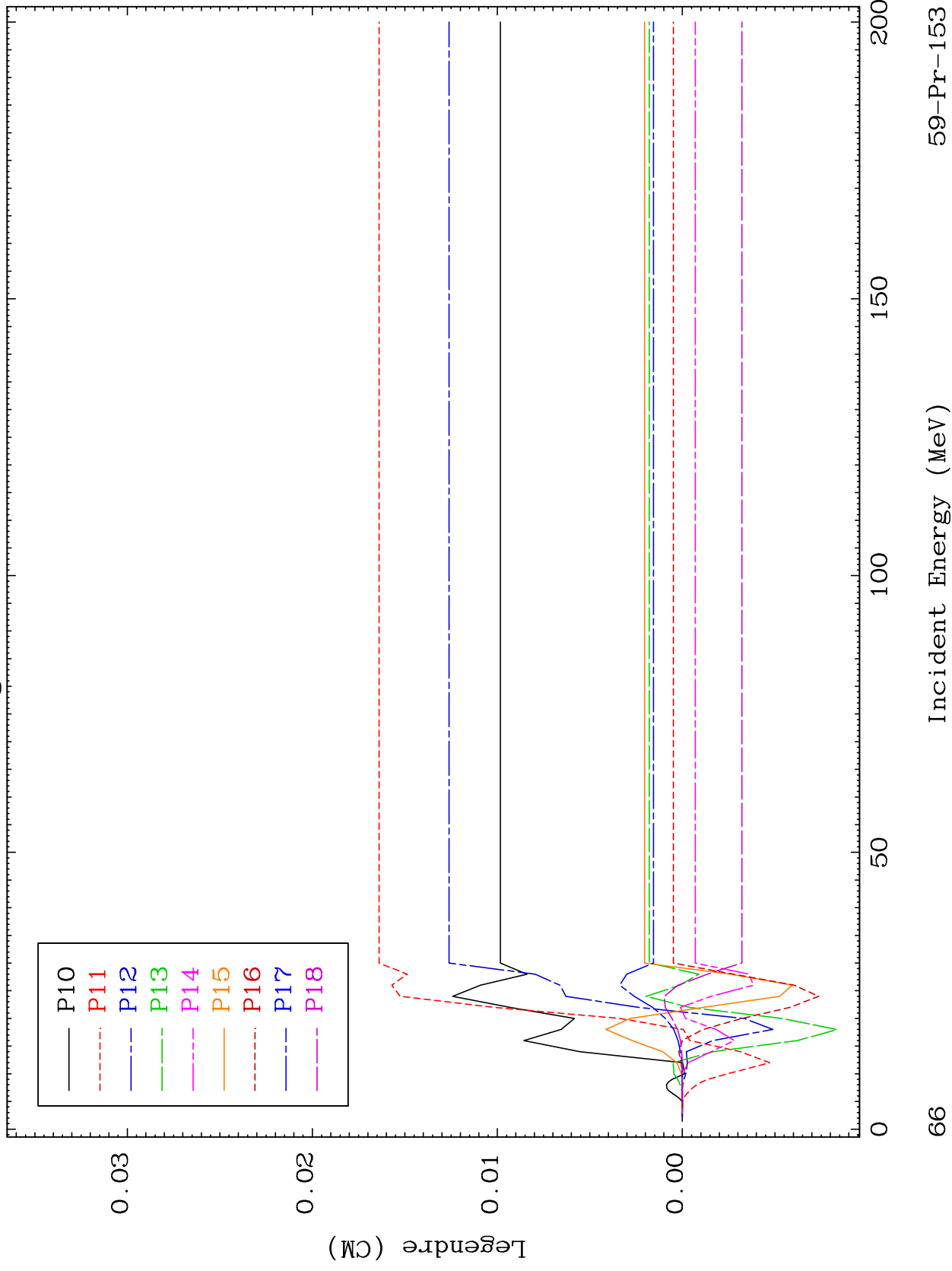
59-Pr-153

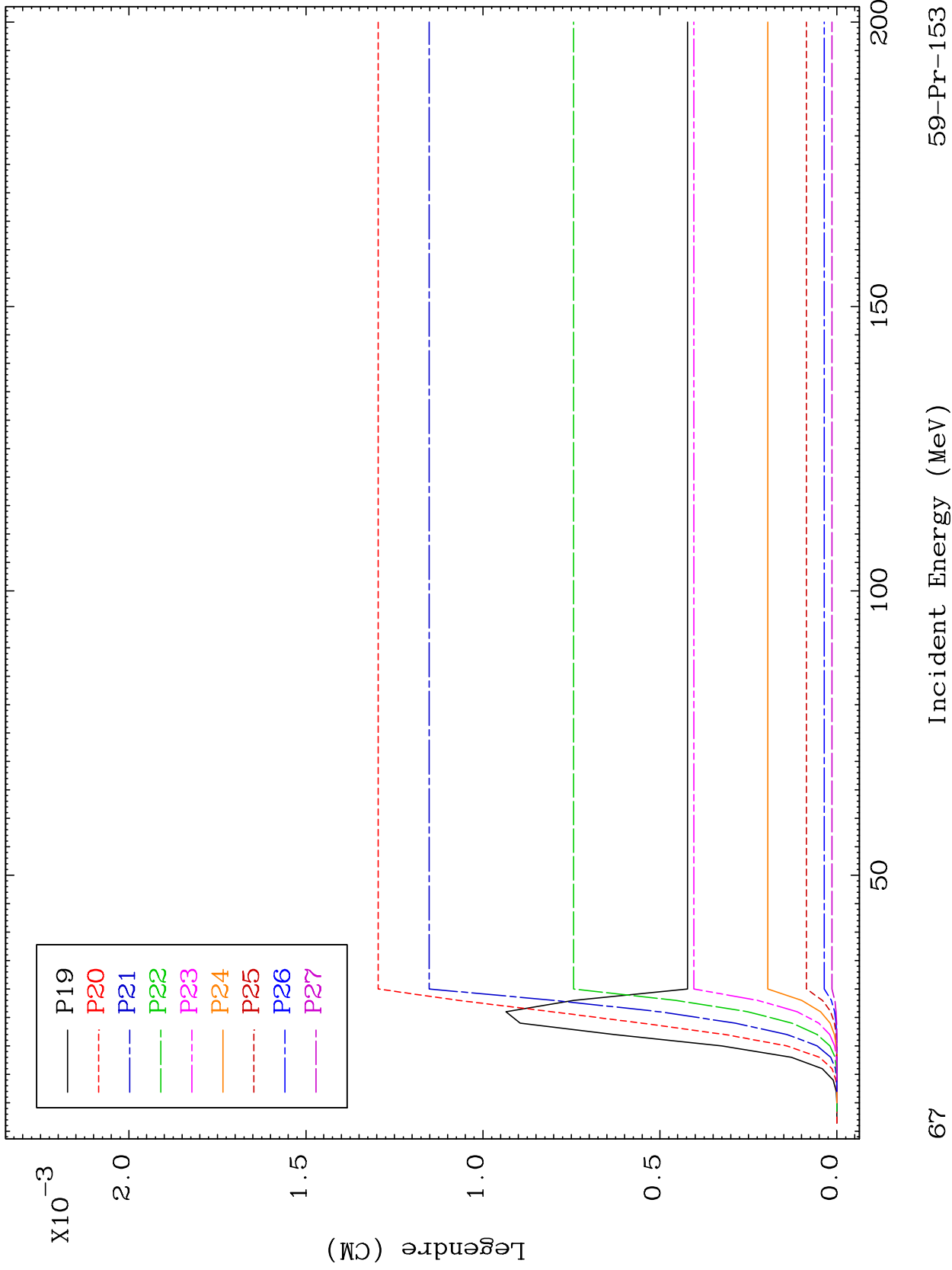


59-Pr-153

Incident Energy (MeV)

65

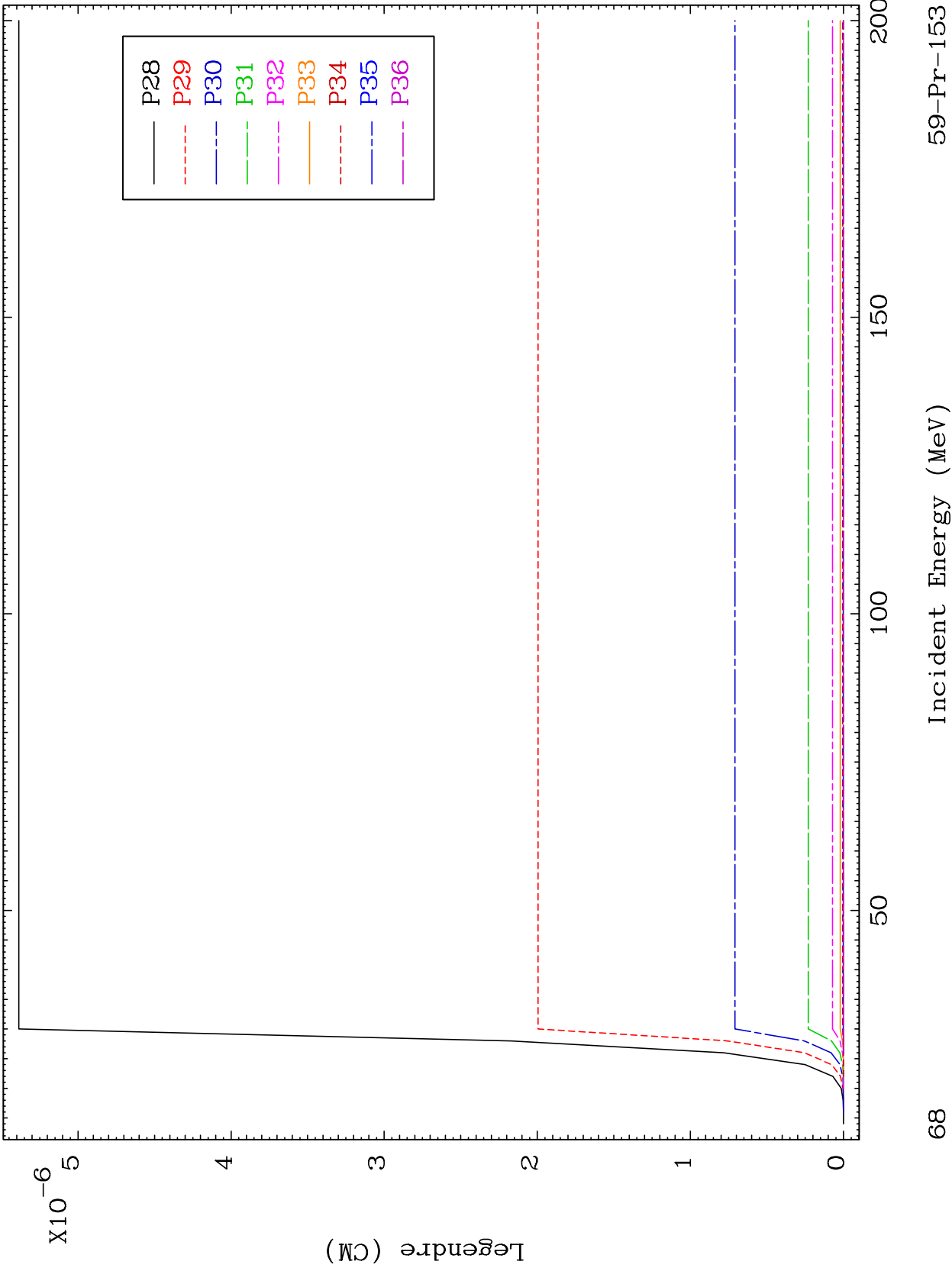




MAT 5961

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

59-Pr-153



68

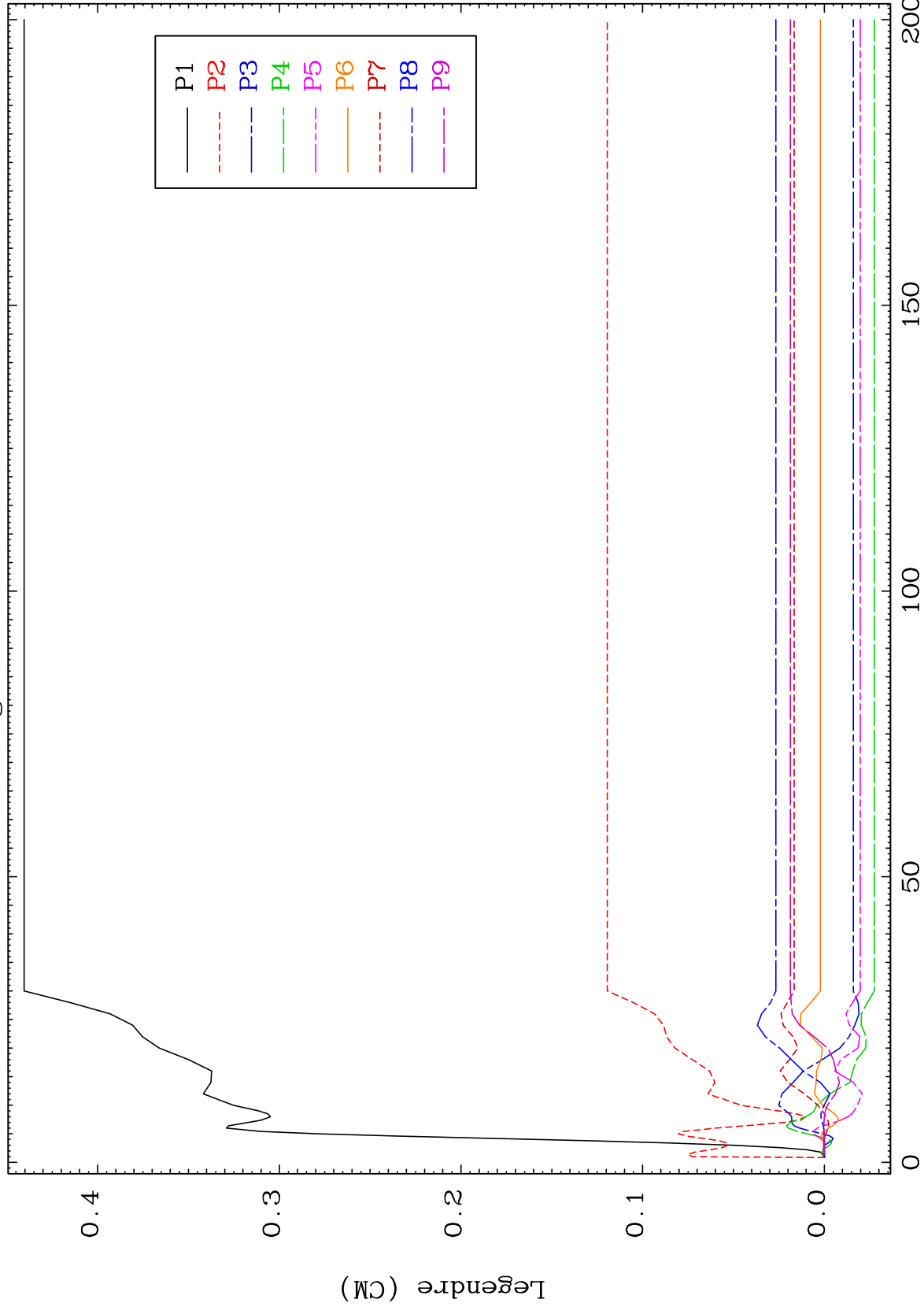
Incident Energy (MeV)

59-Pr-153

MAT 5961

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

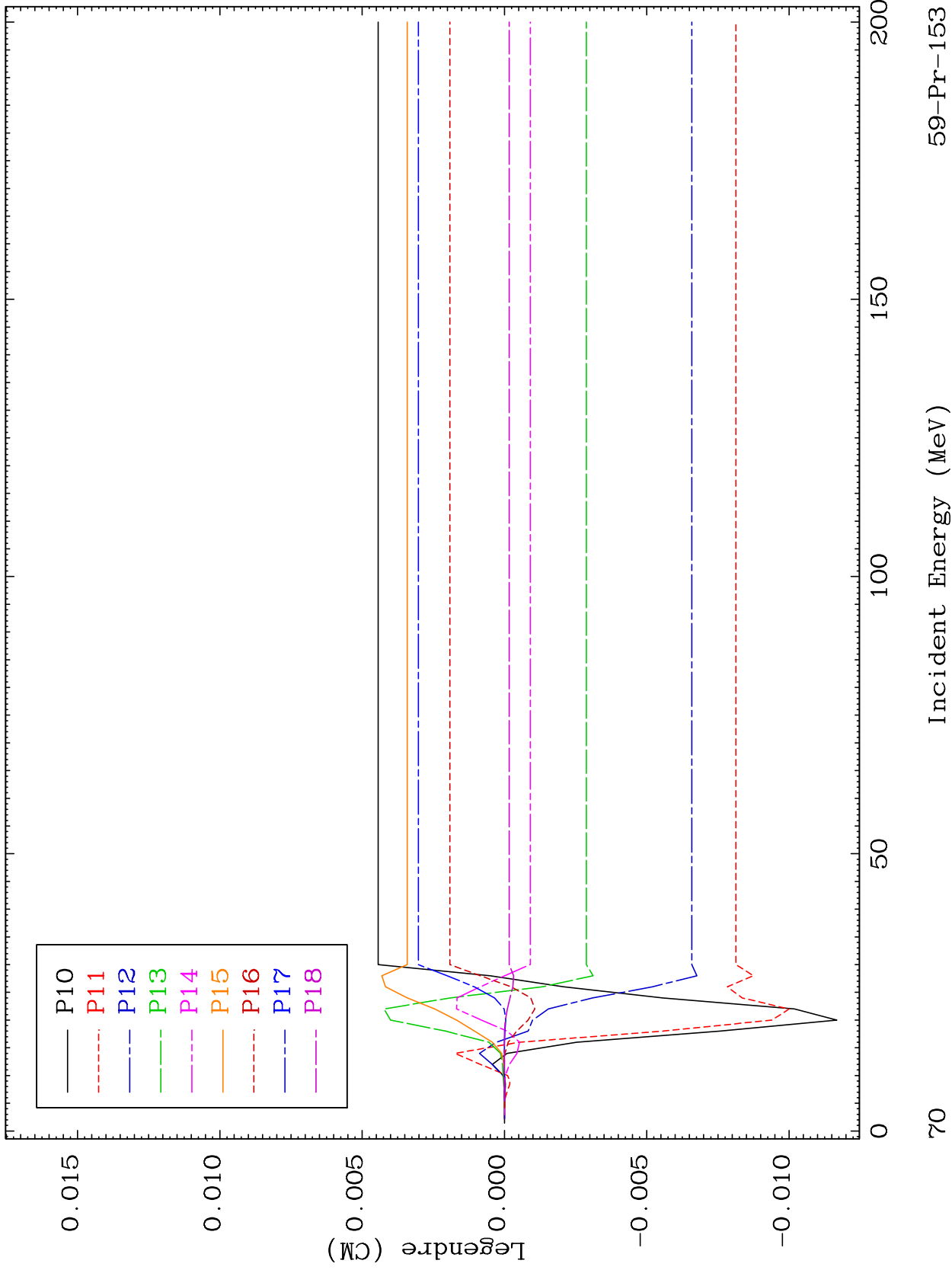
59-Pr-153



69

Incident Energy (MeV)

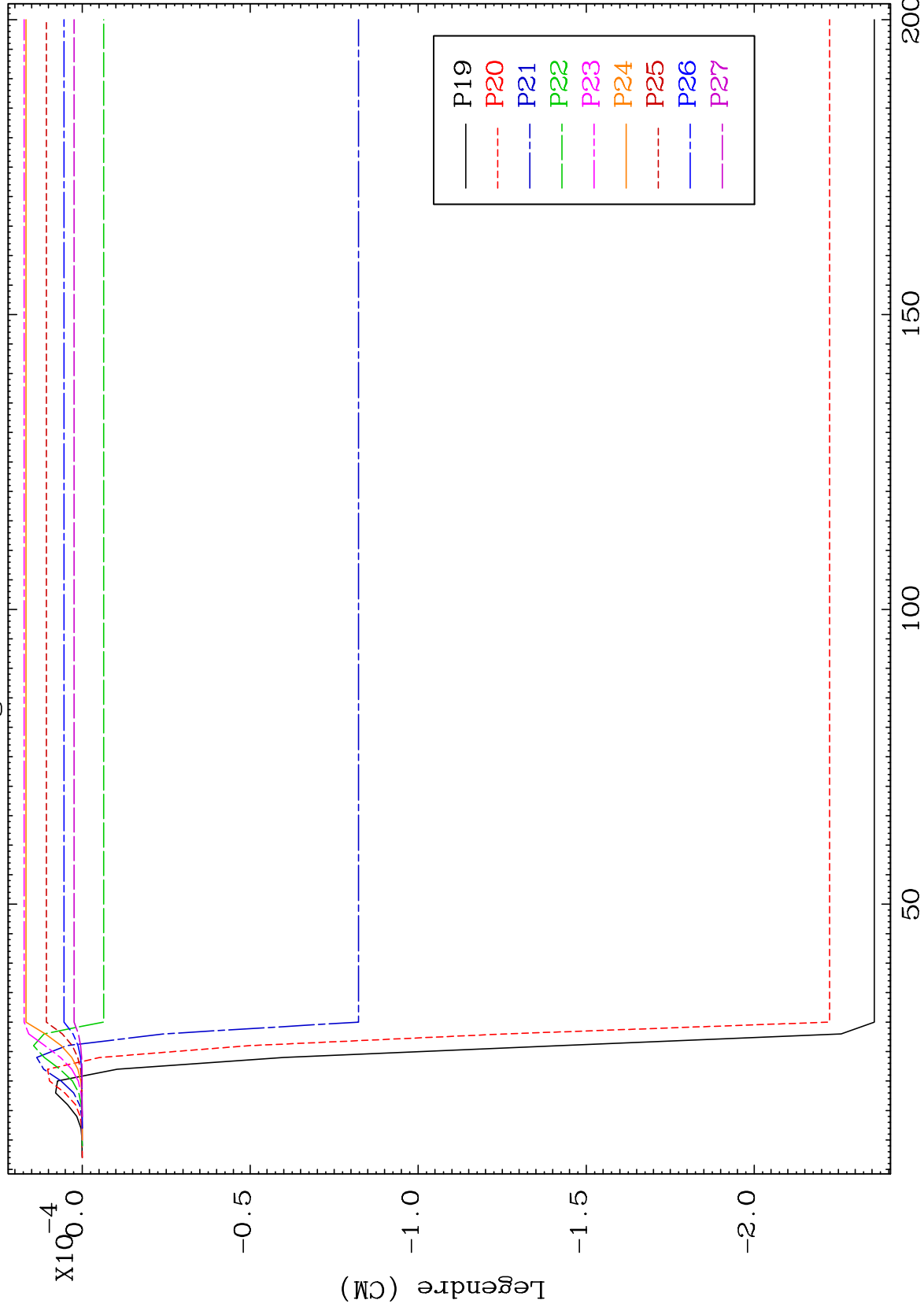
59-Pr-153



MAT 5961

59-Pr-153

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

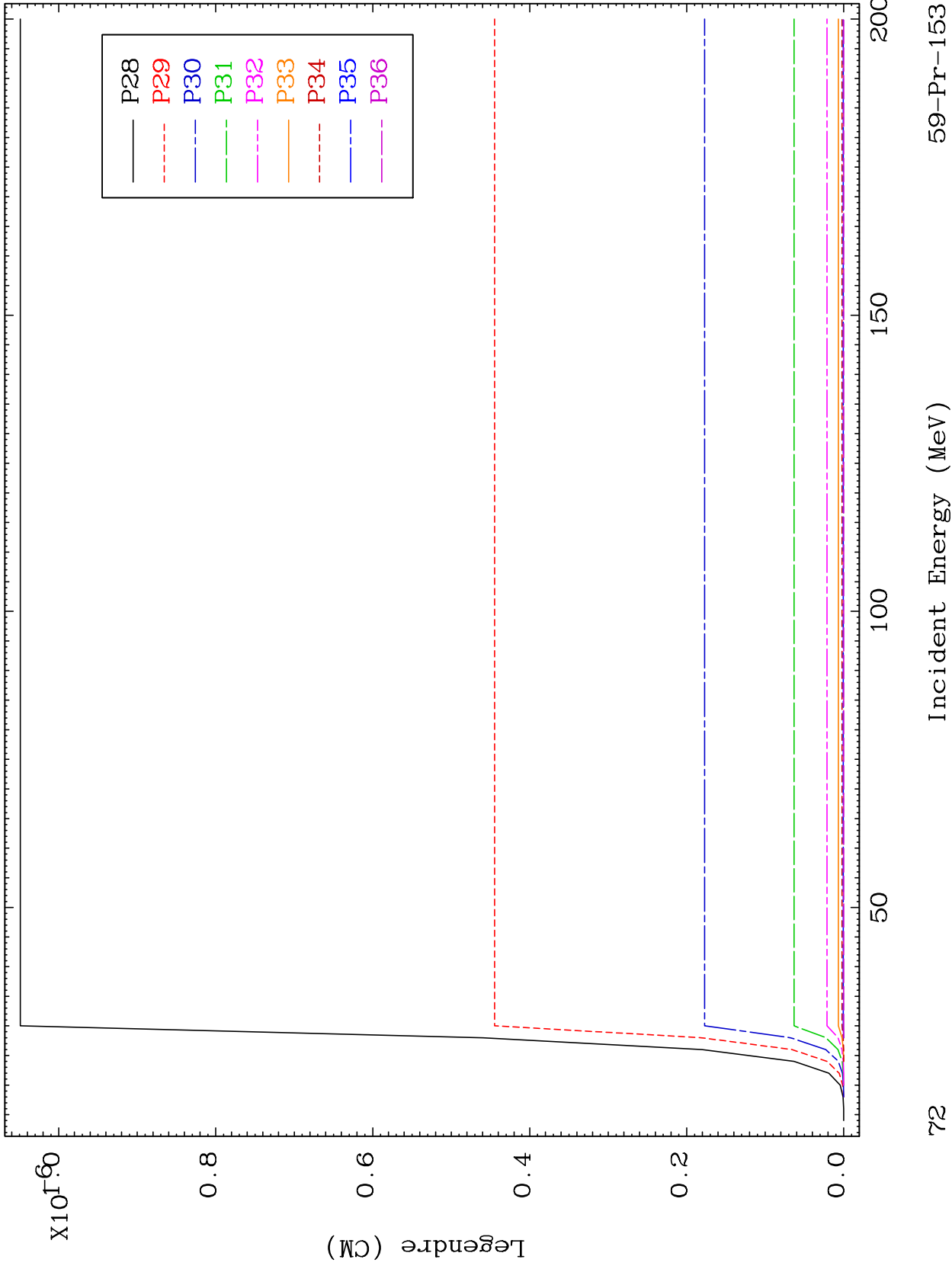


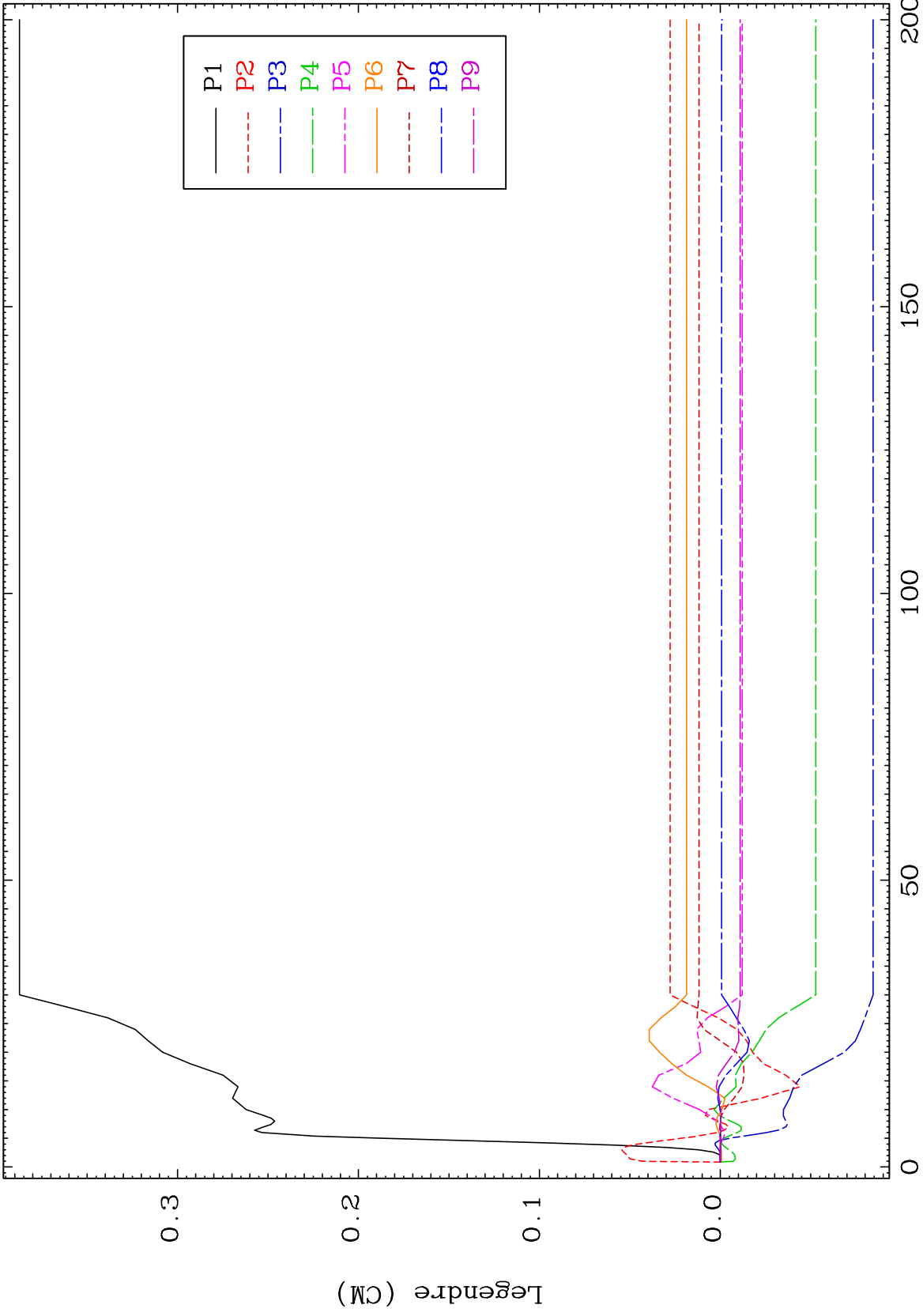
71

Incident Energy (MeV)

59-Pr-153



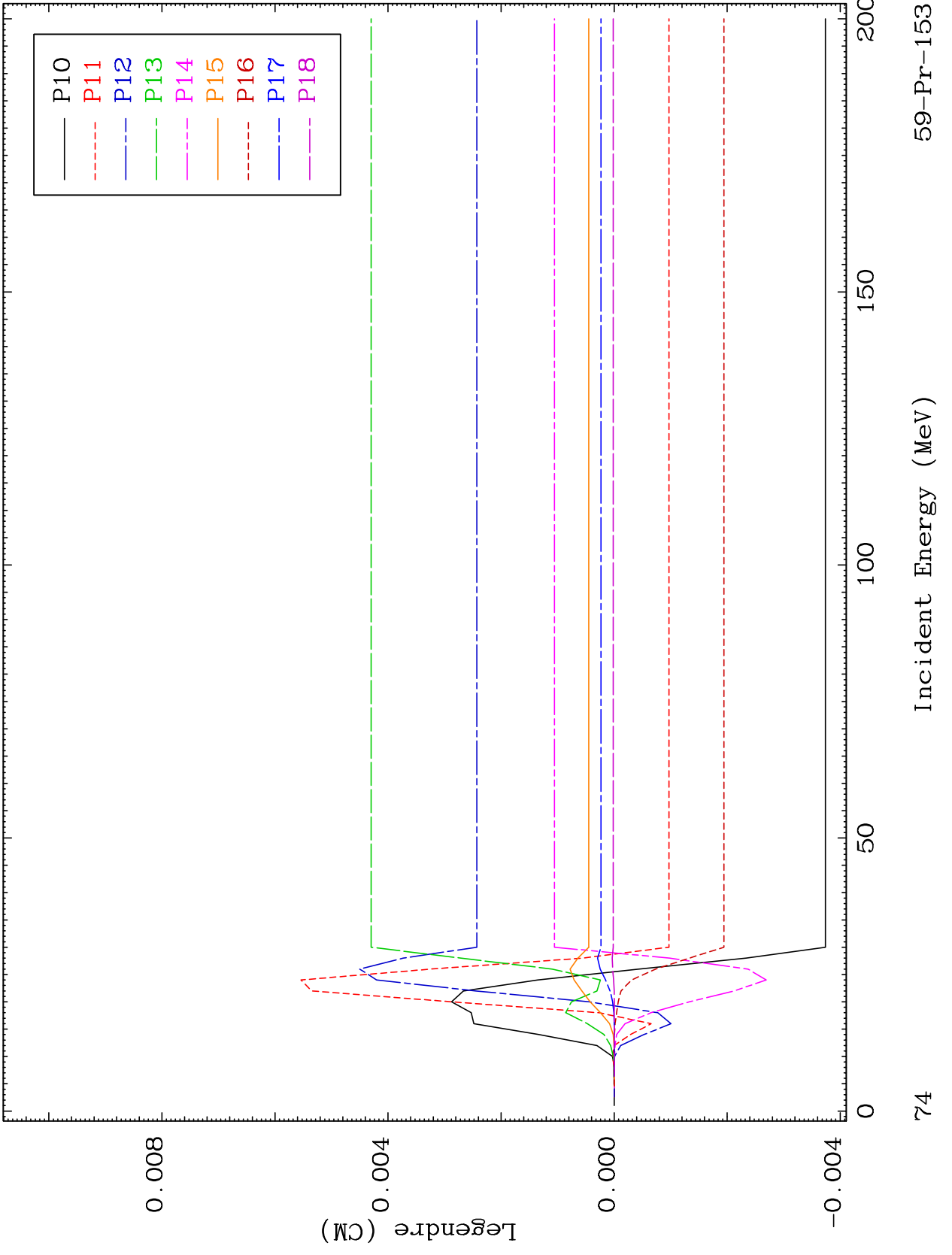




MAT 5961

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

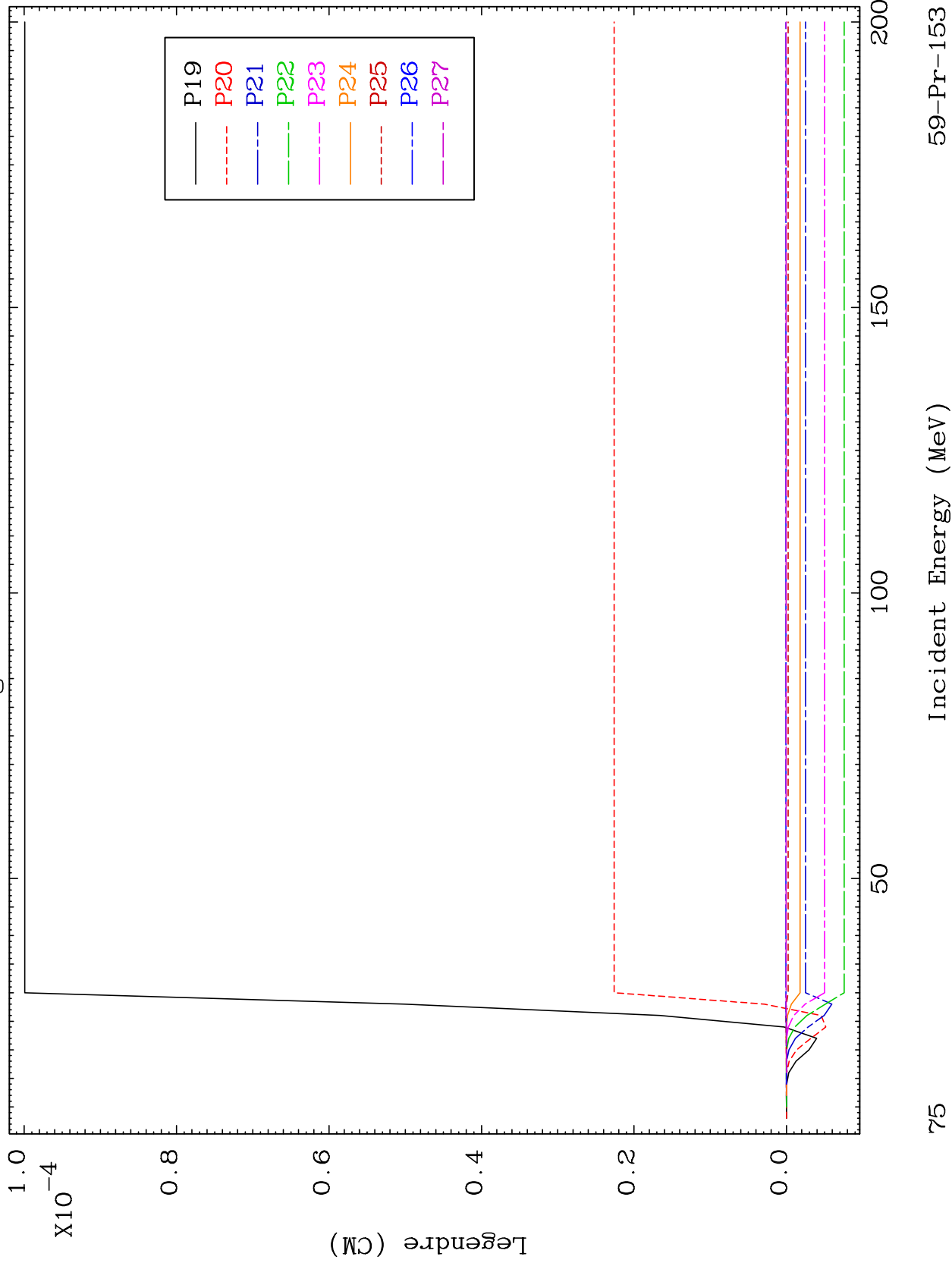
59-Pr-153



59-Pr-153

Incident Energy (MeV)

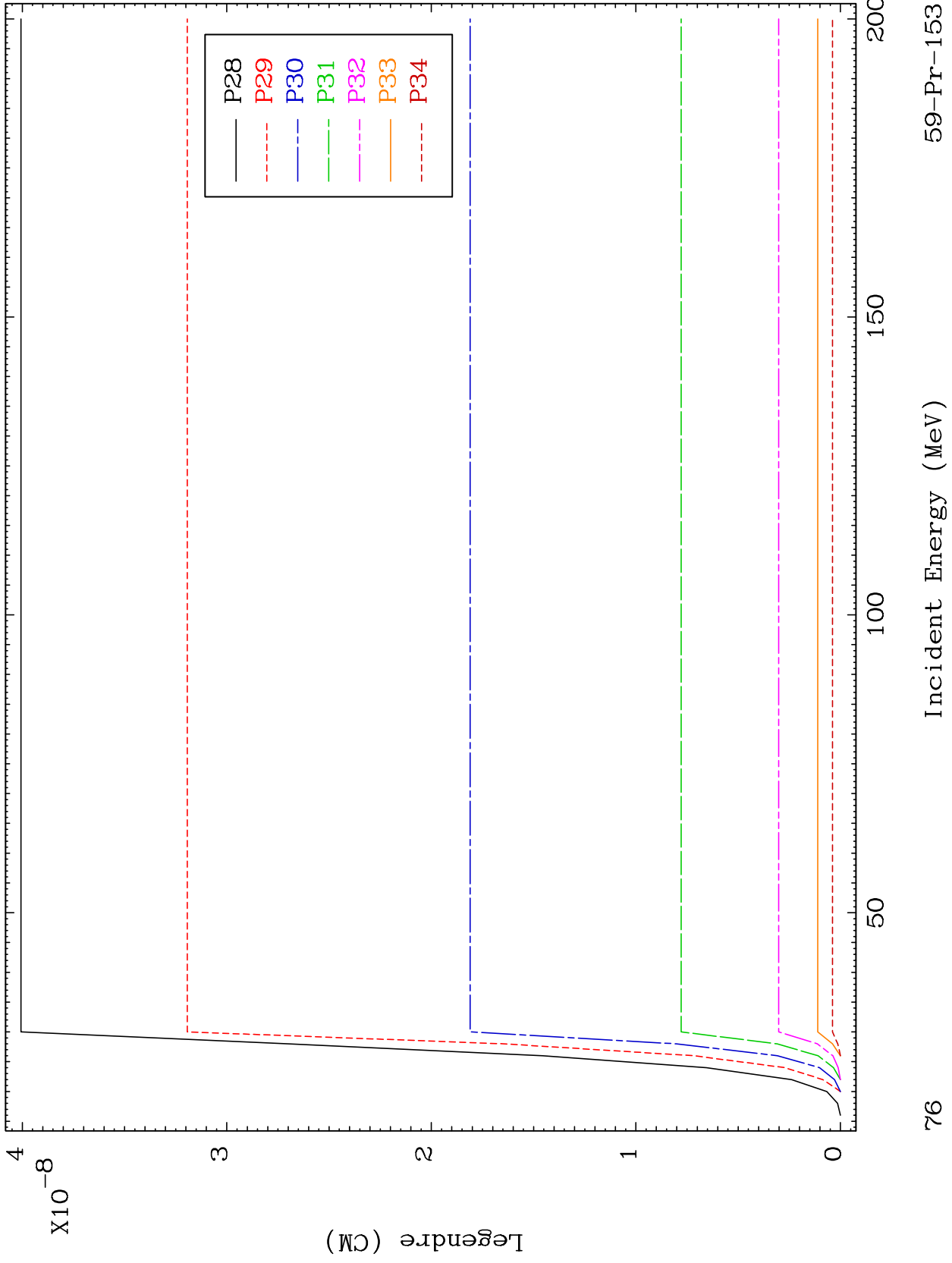
74



MAT 5961

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

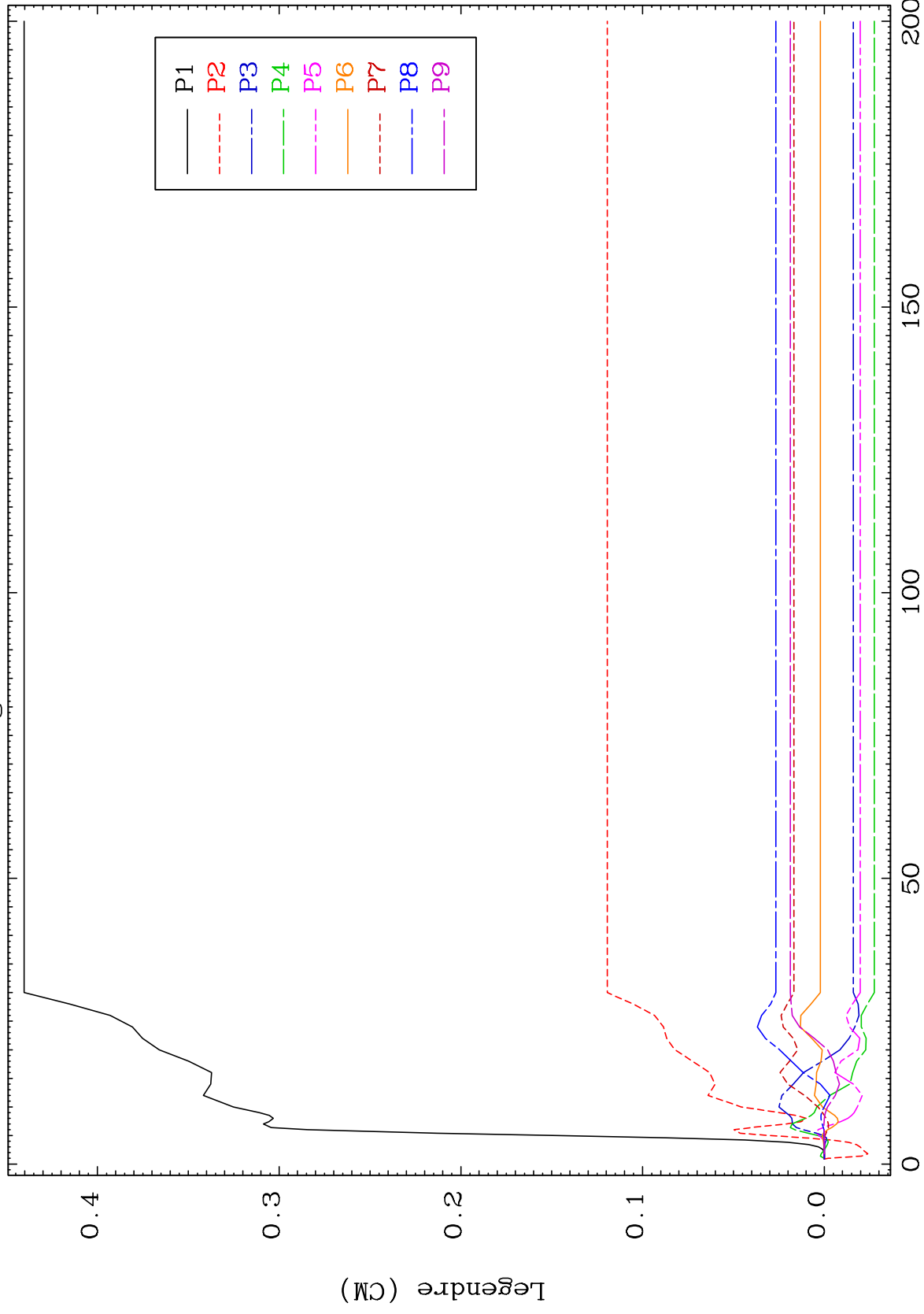
59-Pr-153



MAT 5961

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

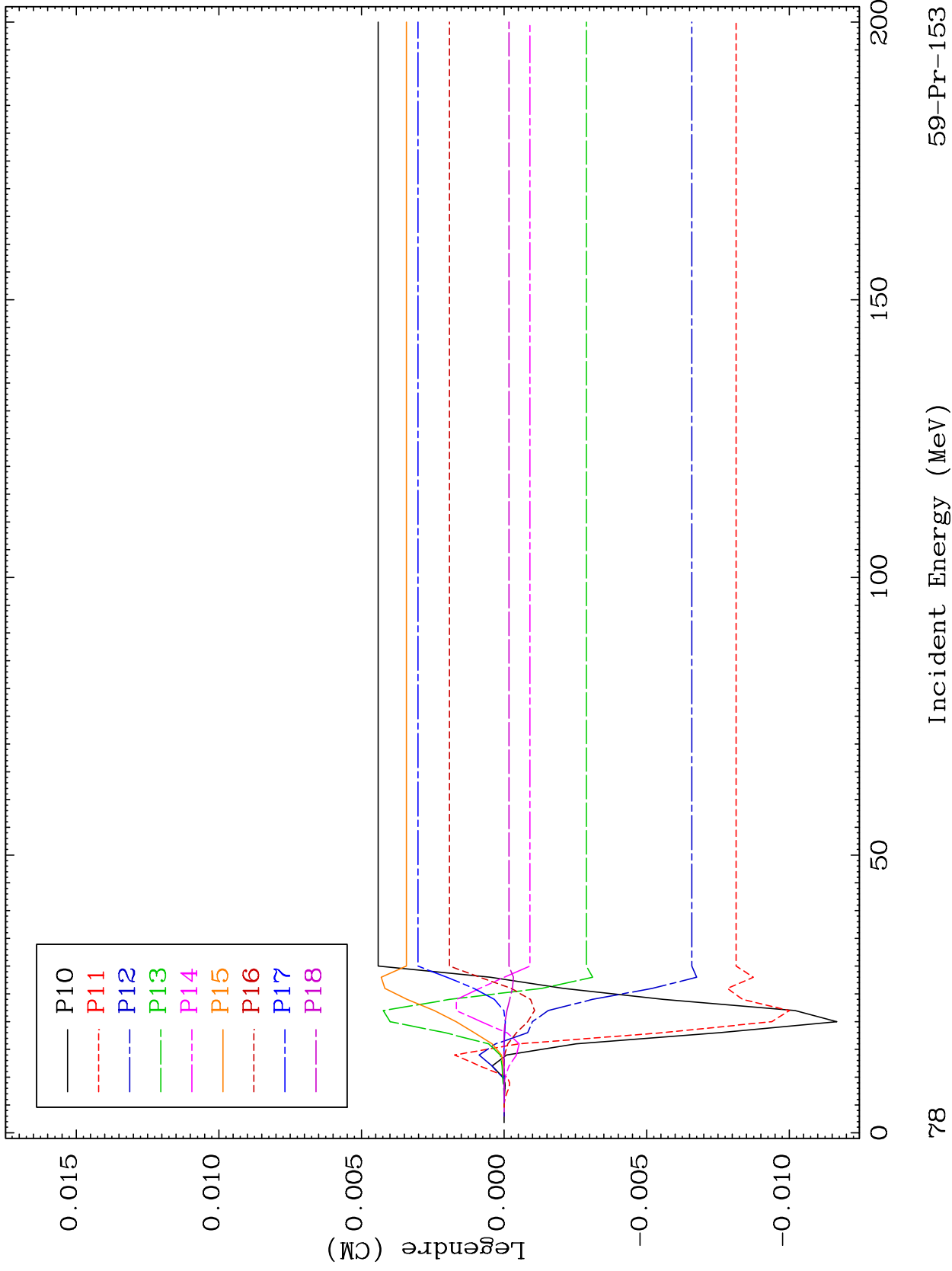
59-Pr-153

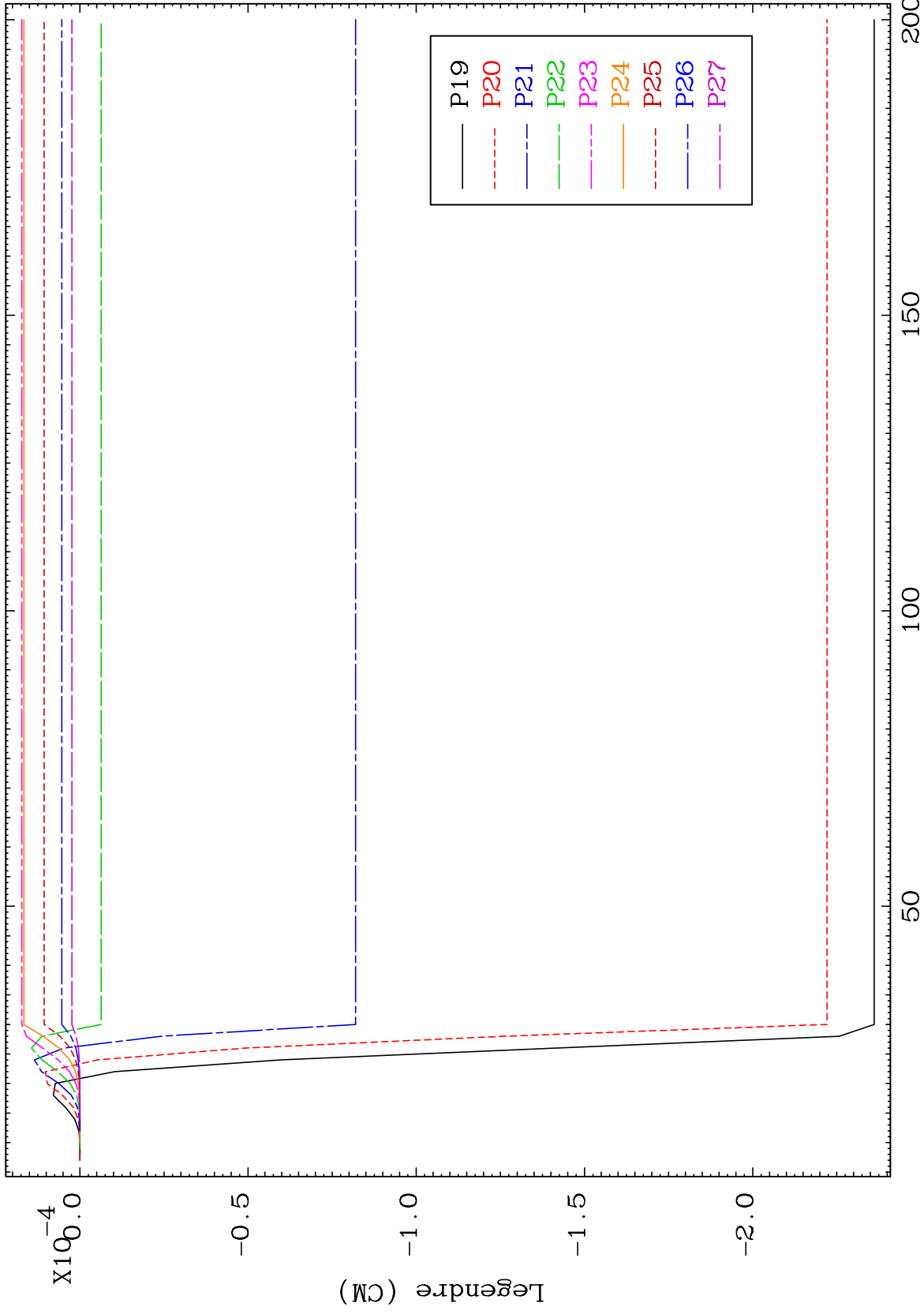


77

Incident Energy (MeV)

59-Pr-153



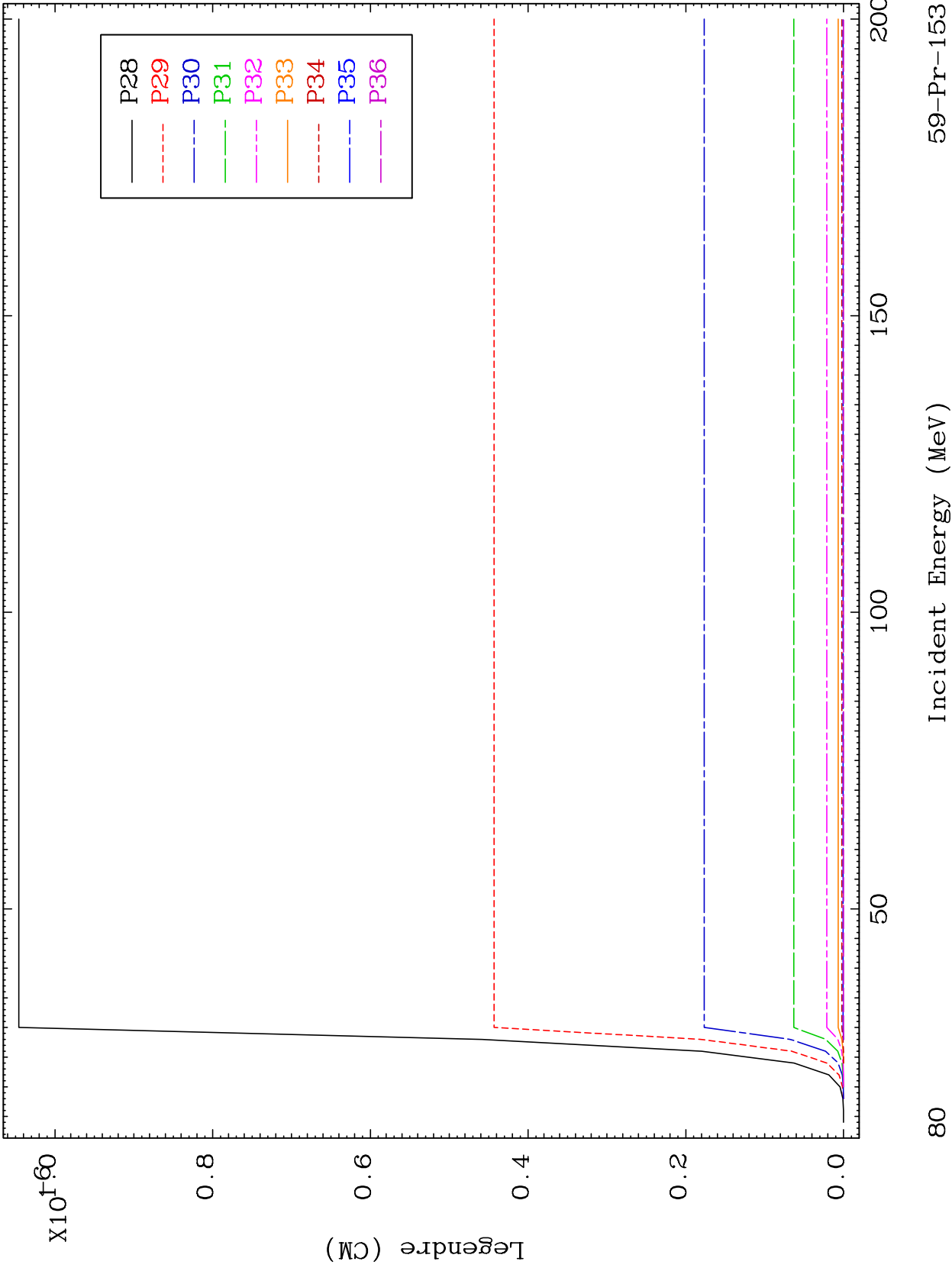




MAT 5961

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

59-Pr-153



80

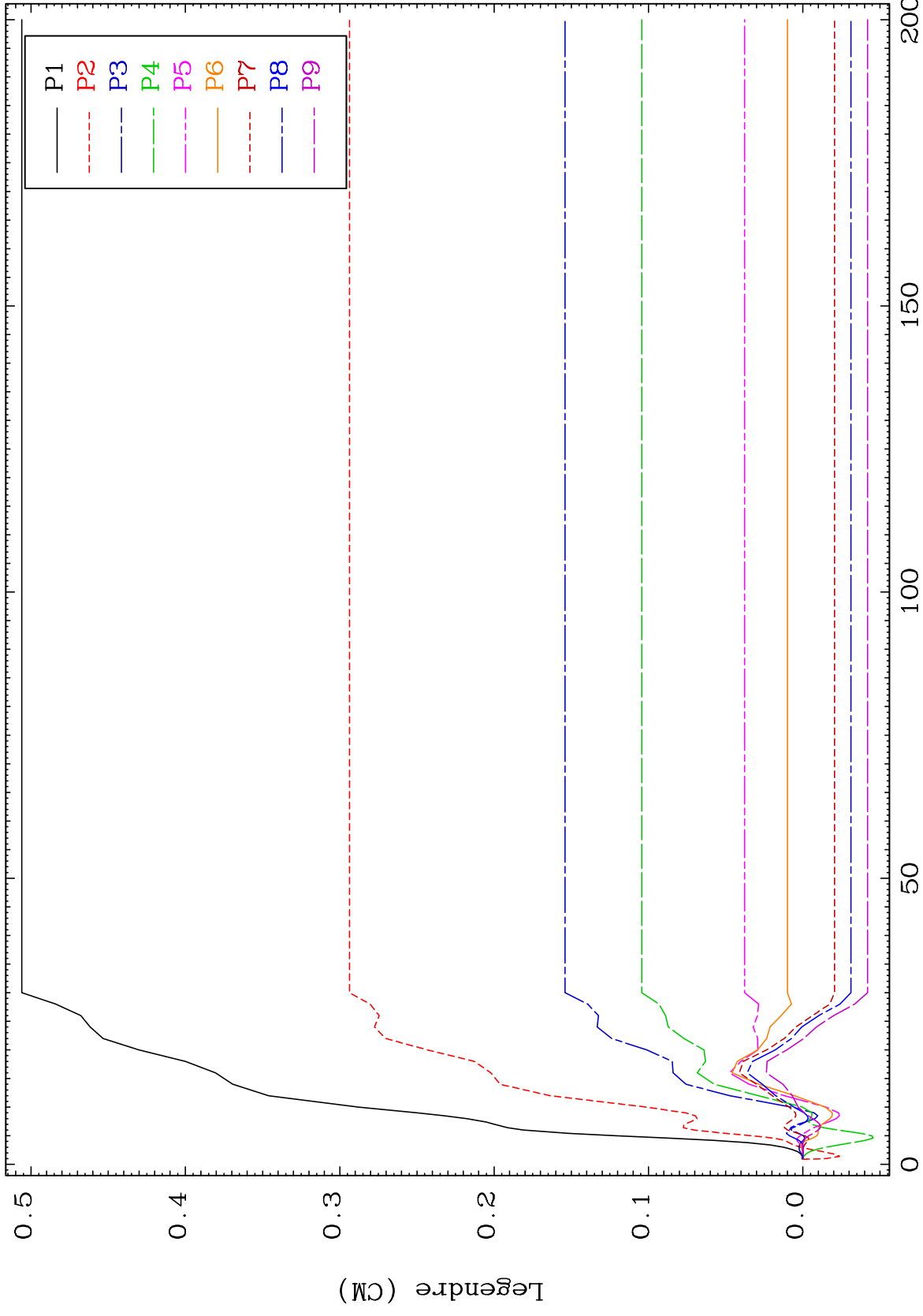
Incident Energy (MeV)

59-Pr-153

MAT 5961

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

59-Pr-153



81

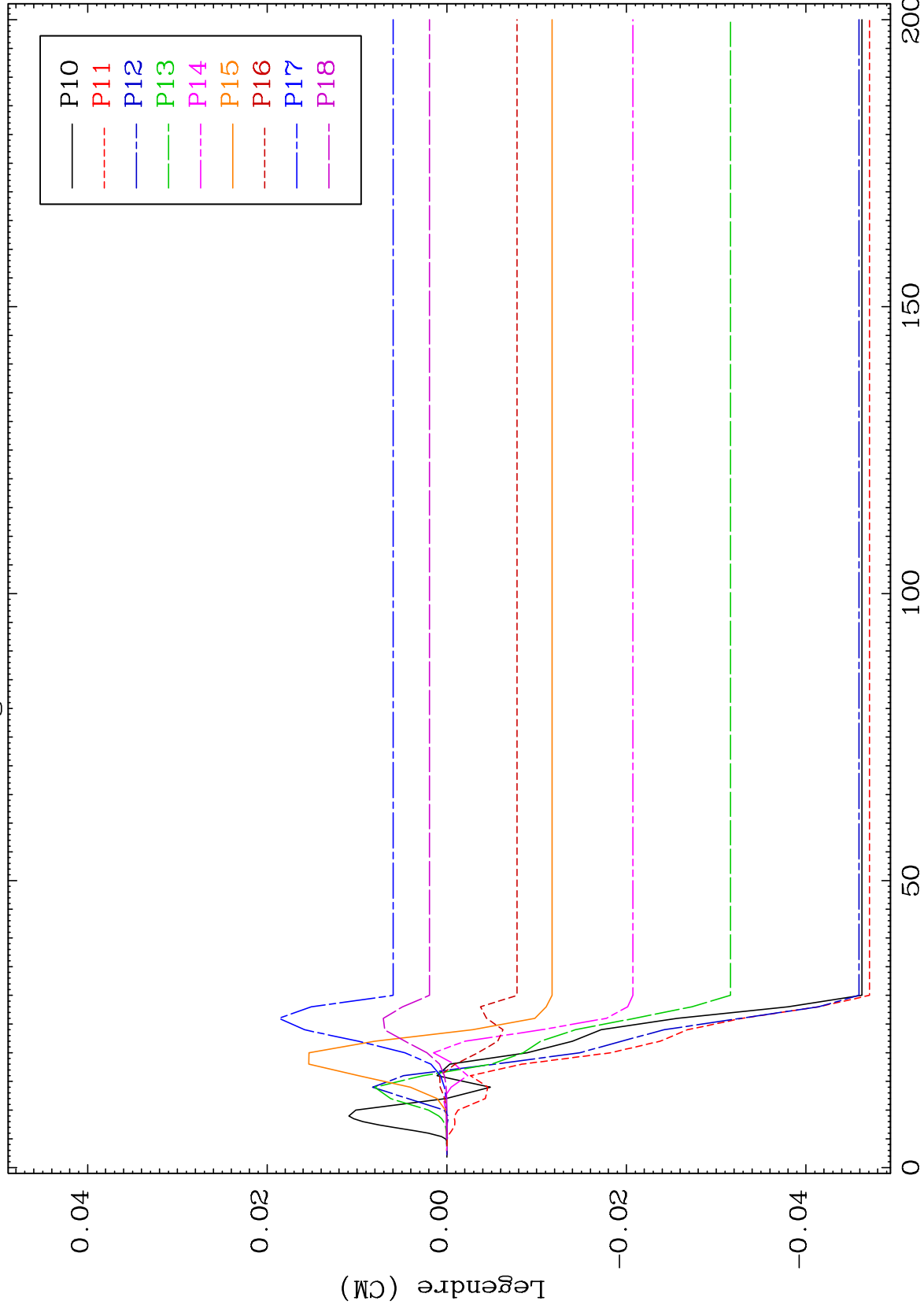
Incident Energy (MeV)

59-Pr-153

MAT 5961

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

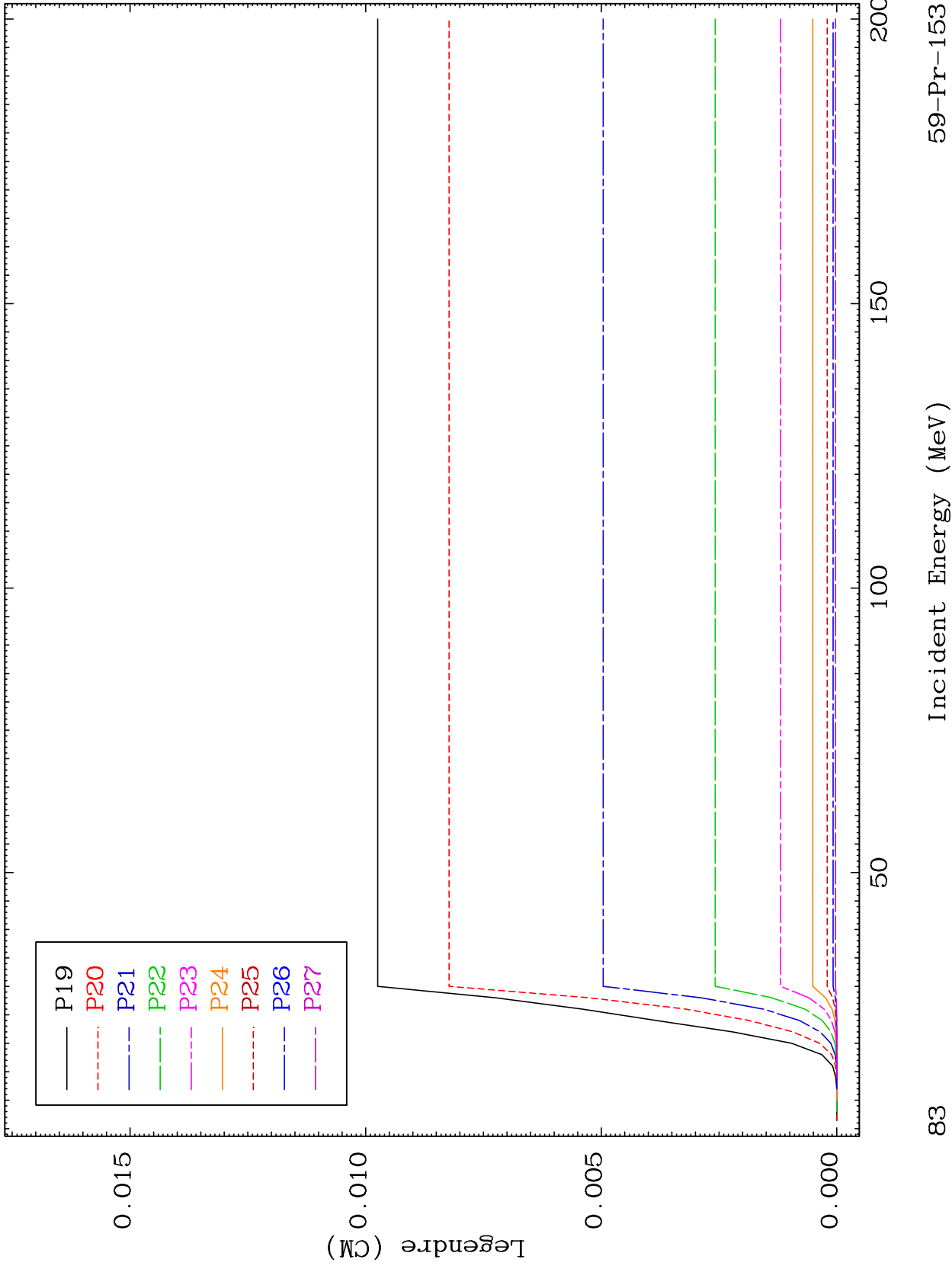
59-Pr-153

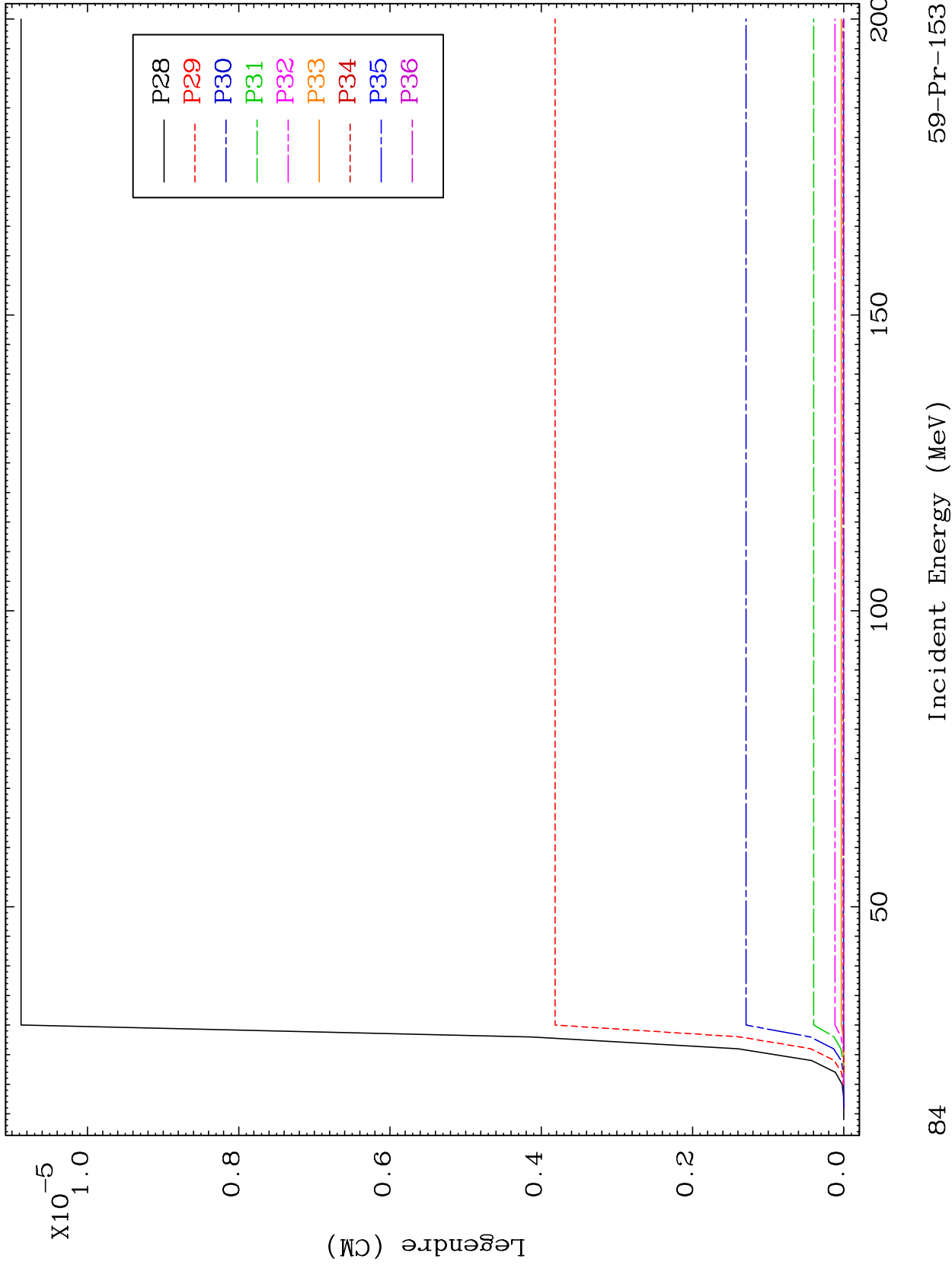


82

Incident Energy (MeV)

59-Pr-153

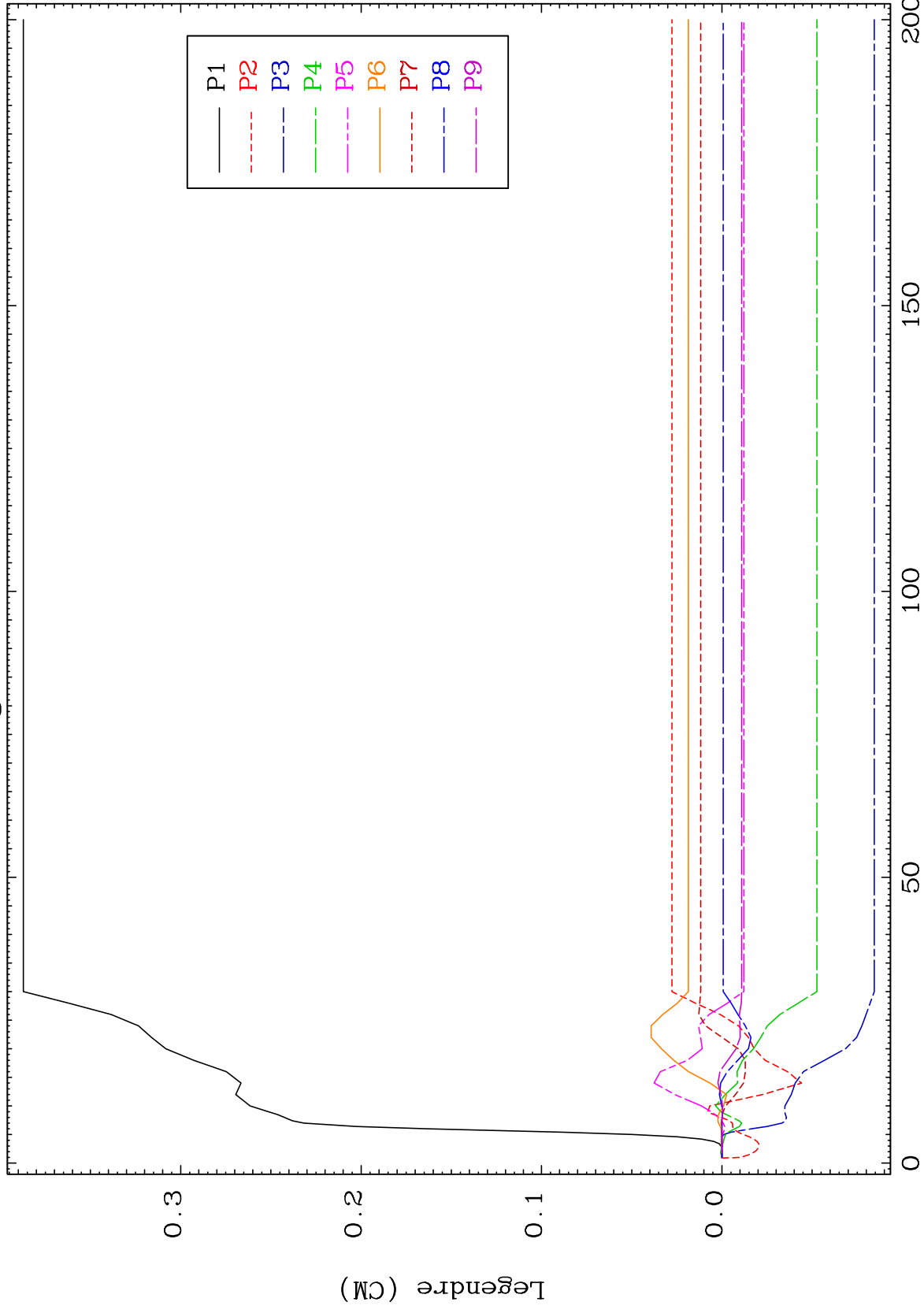




MAT 5961

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

59-Pr-153



85

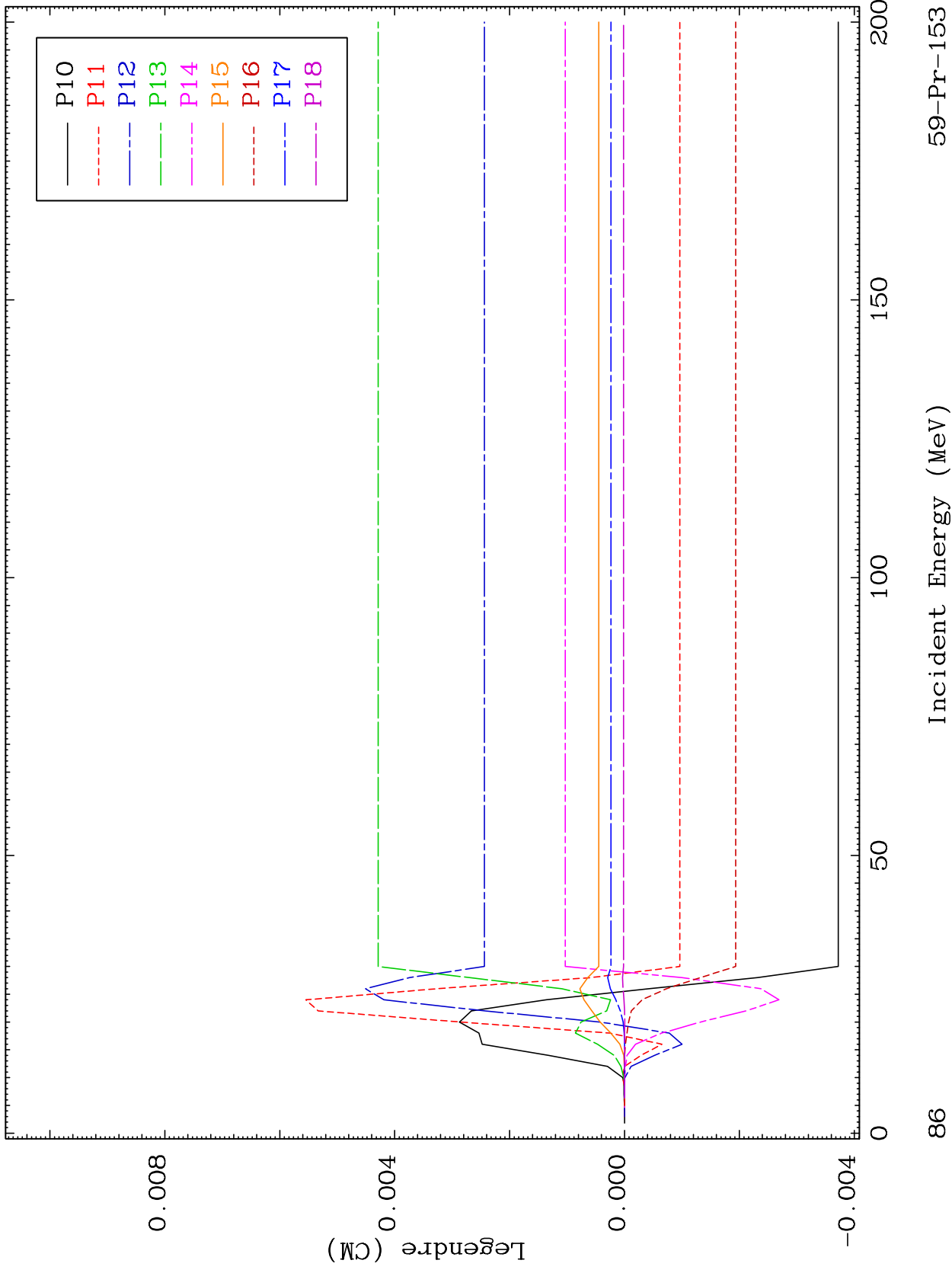
Incident Energy (MeV)

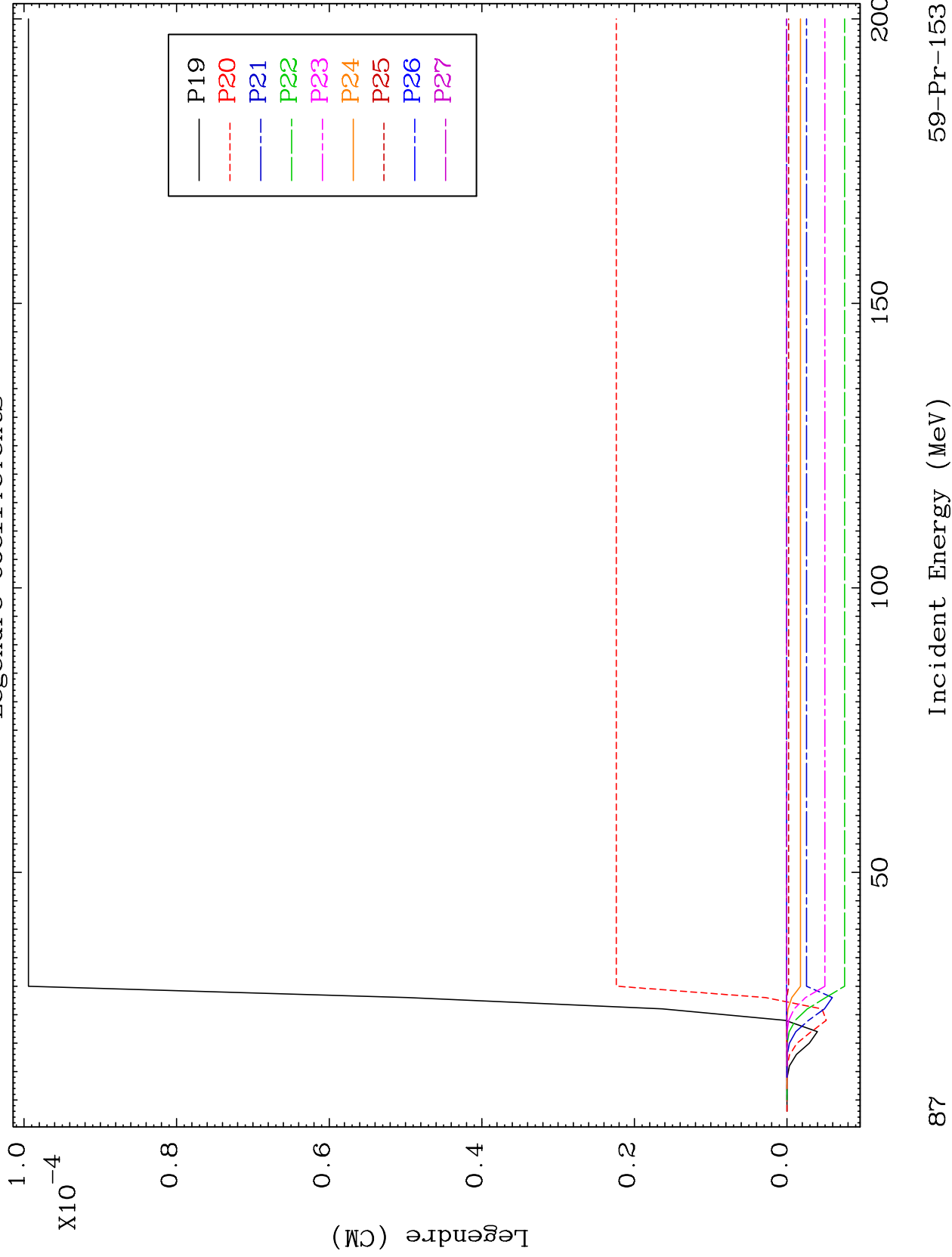
59-Pr-153

MAT 5961

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

59-Pr-153



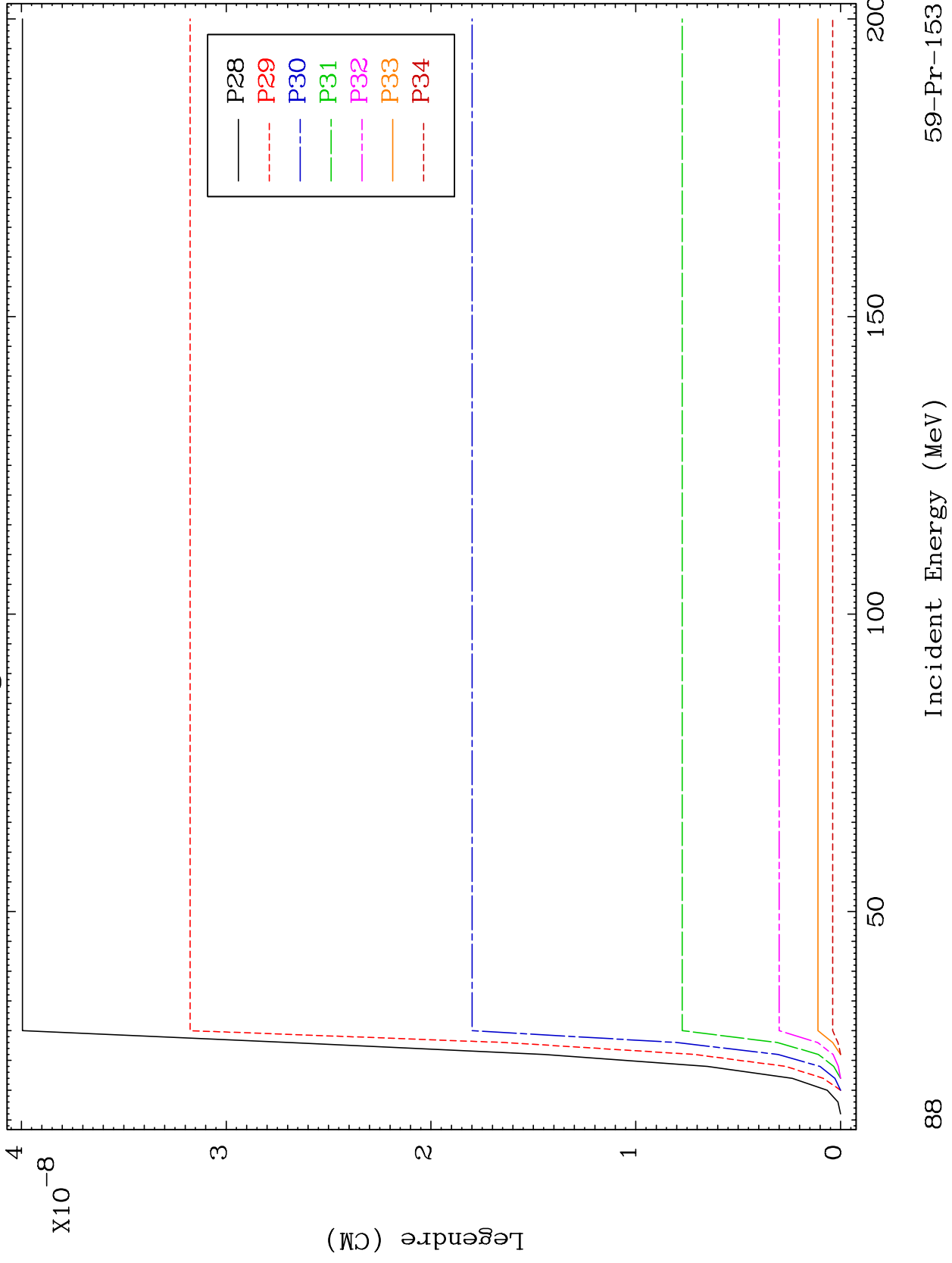




MAT 5961

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

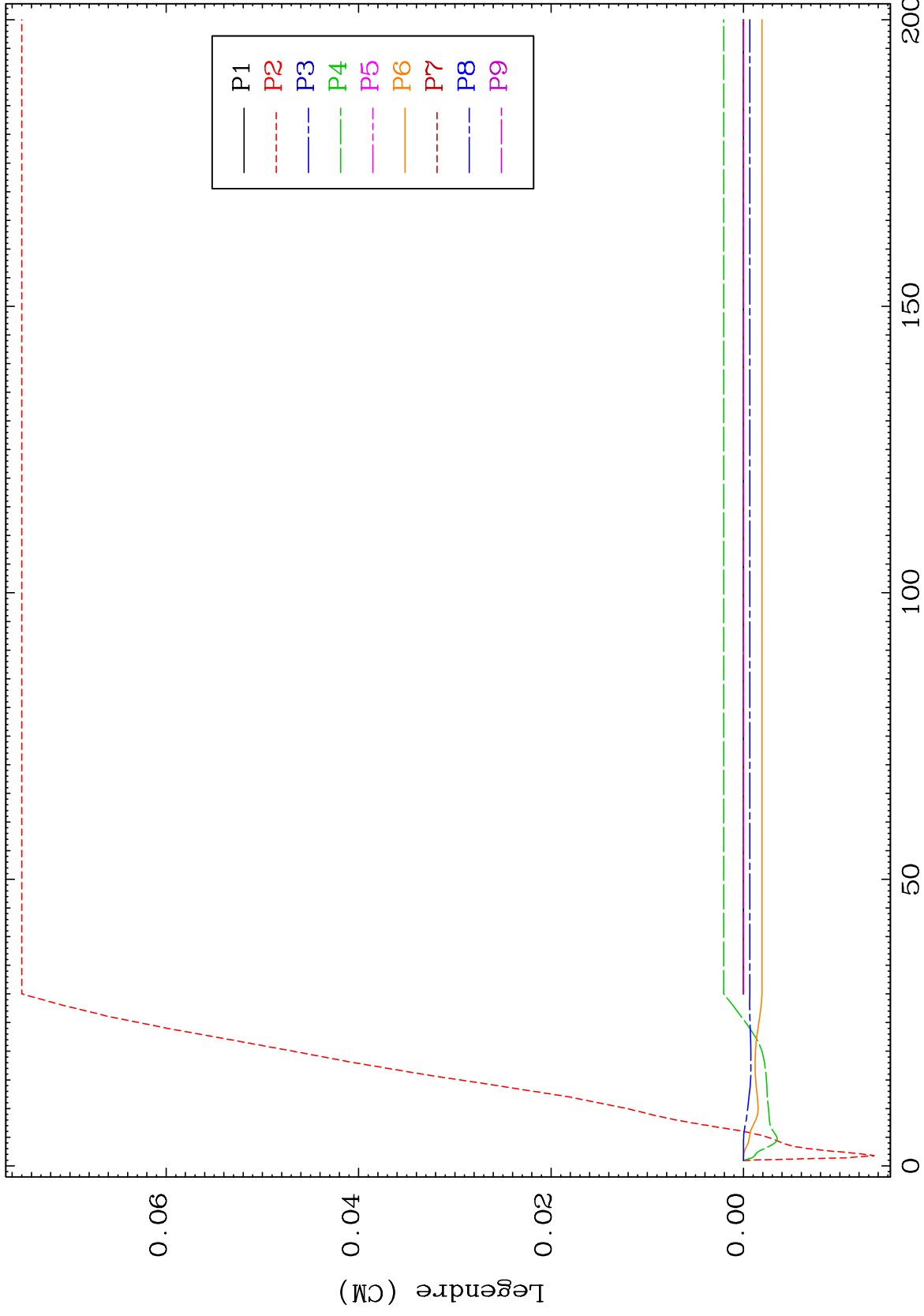
59-Pr-153



MAT 5961

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

59-Pr-153



89

Incident Energy (MeV)

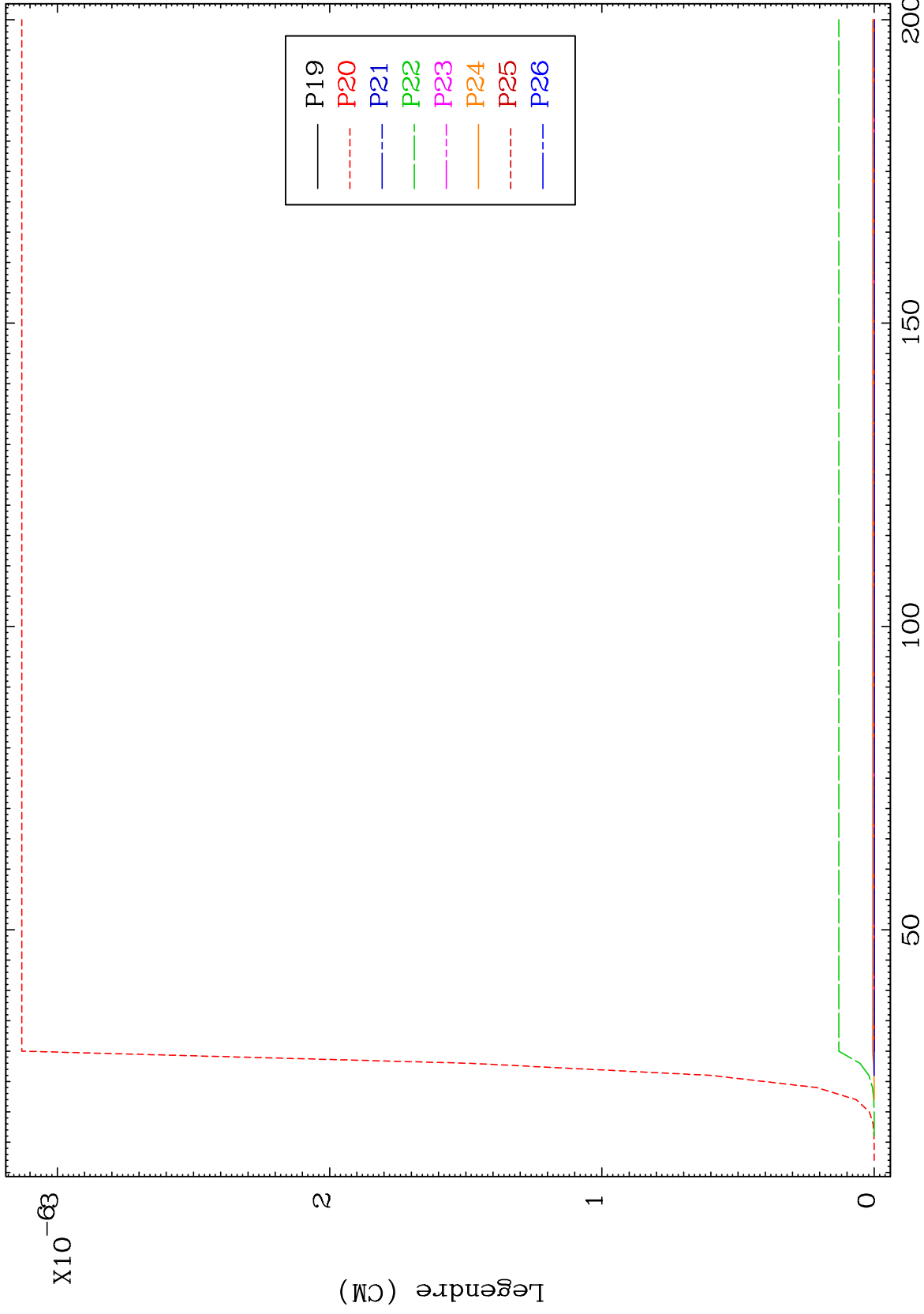
59-Pr-153



MAT 5961

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

59-Pr-153



91

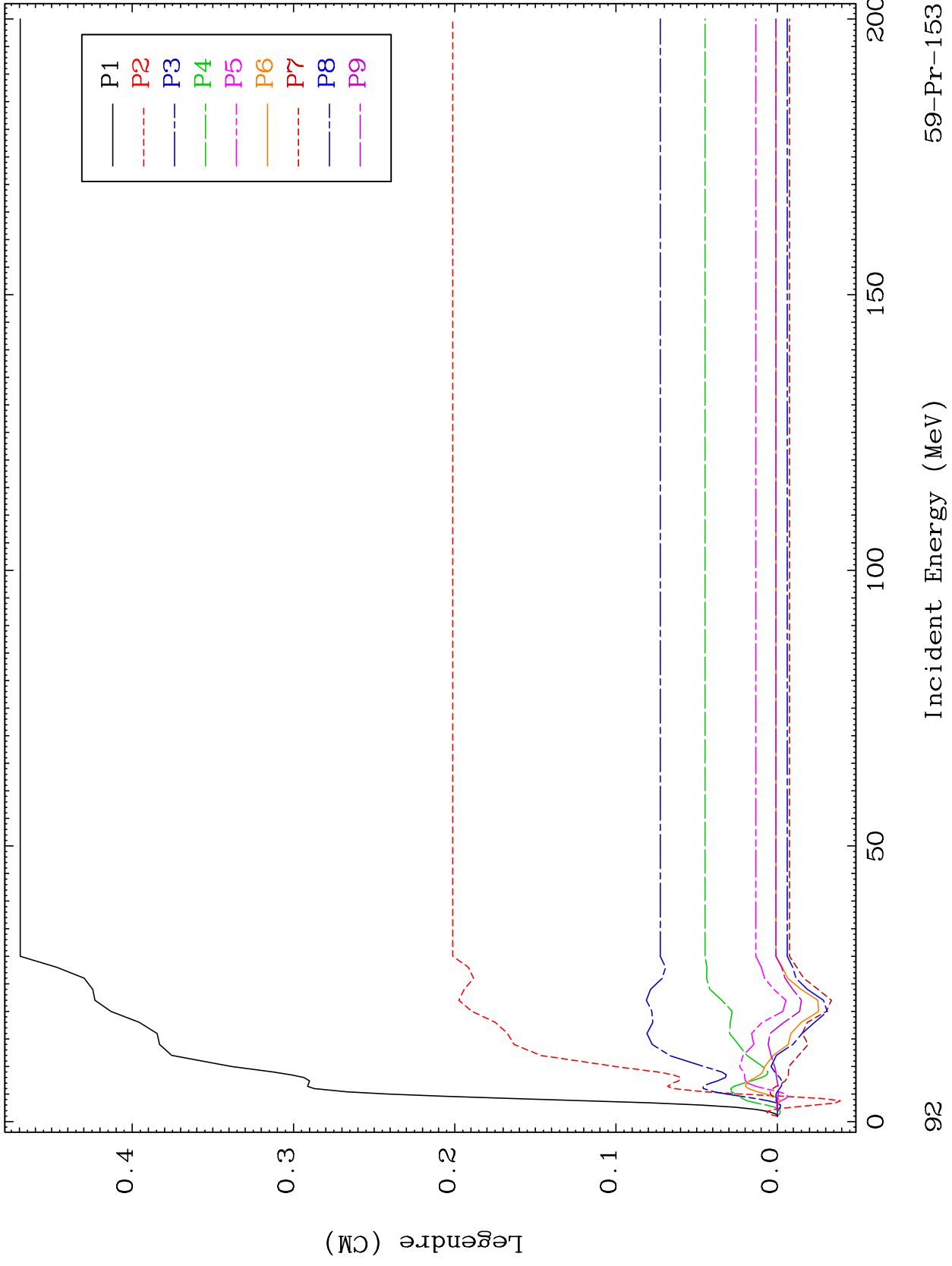
Incident Energy (MeV)

59-Pr-153

MAT 5961

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

59-Pr-153



59-Pr-153

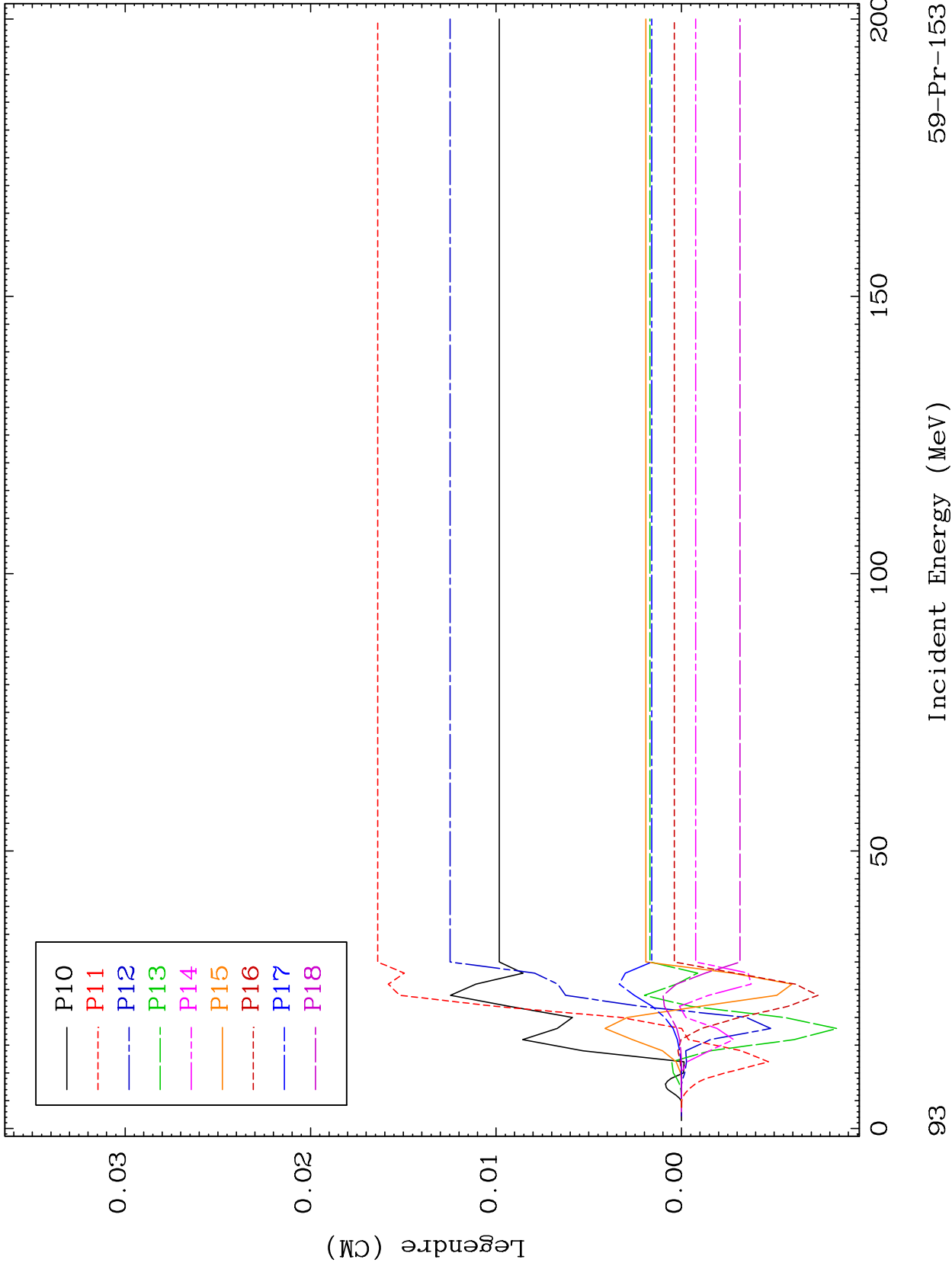
Incident Energy (MeV)

92

MAT 5961

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

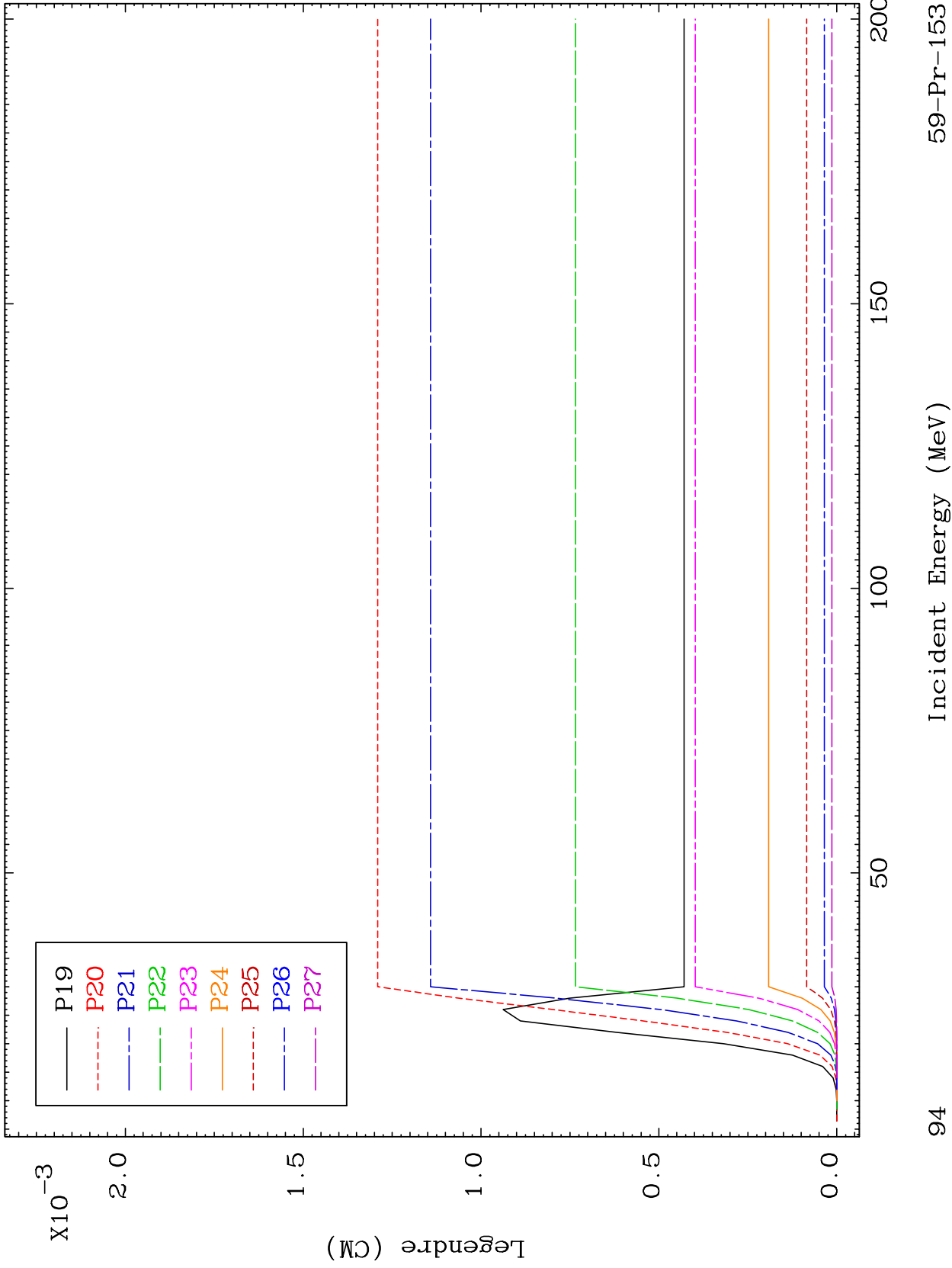
59-Pr-153



93

Incident Energy (MeV)

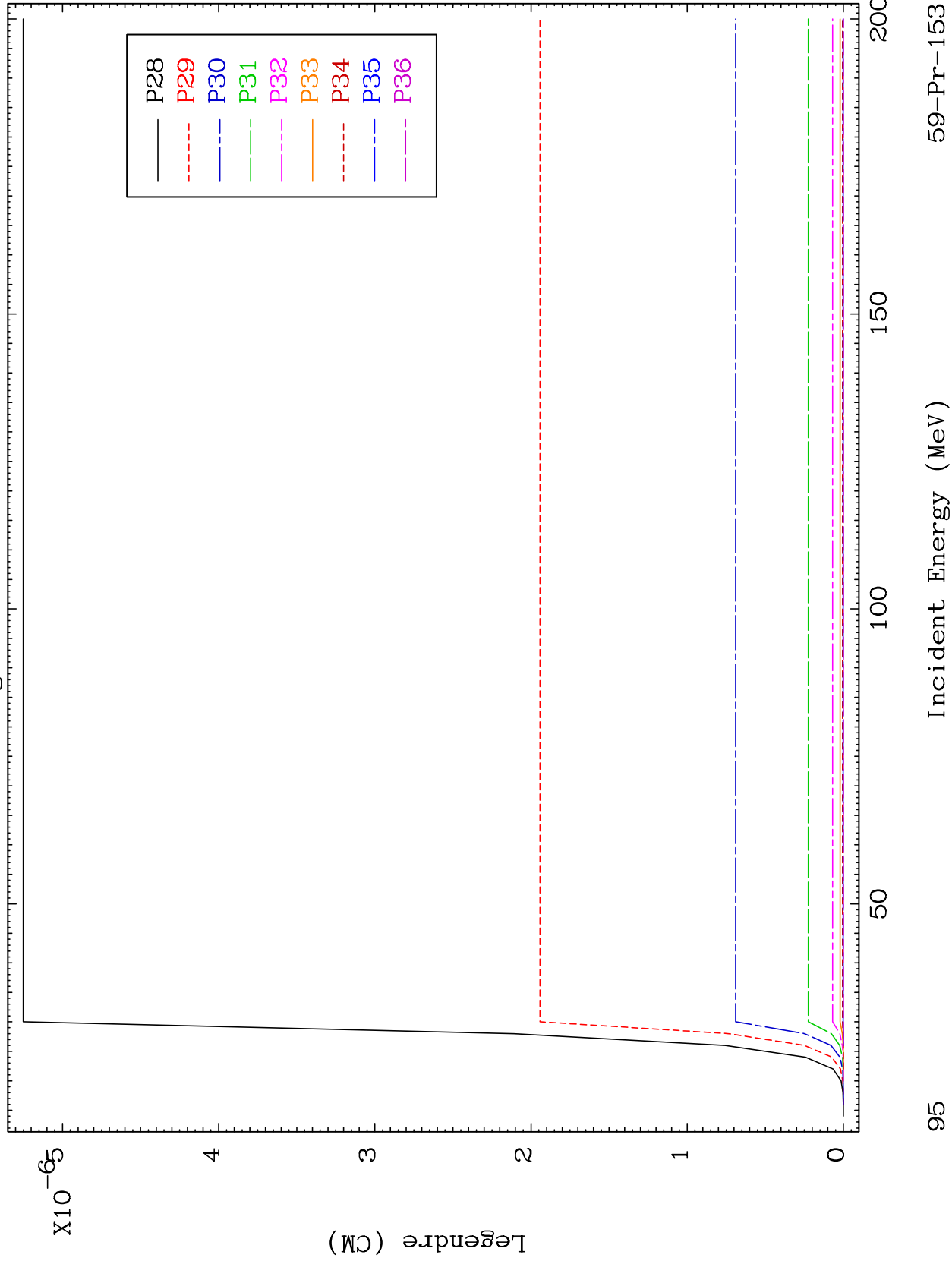
59-Pr-153



MAT 5961

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

59-Pr-153

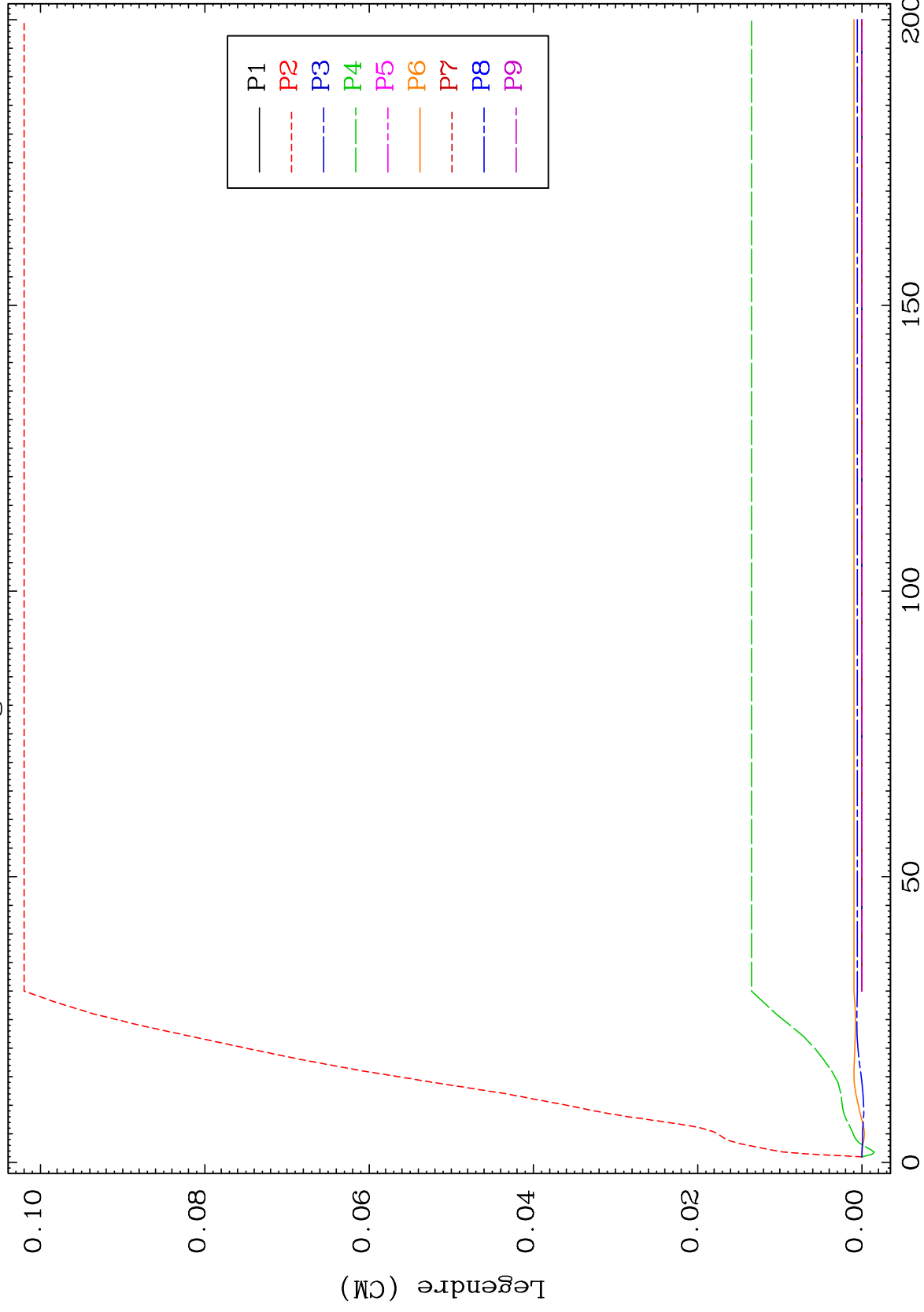




MAT 5961

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

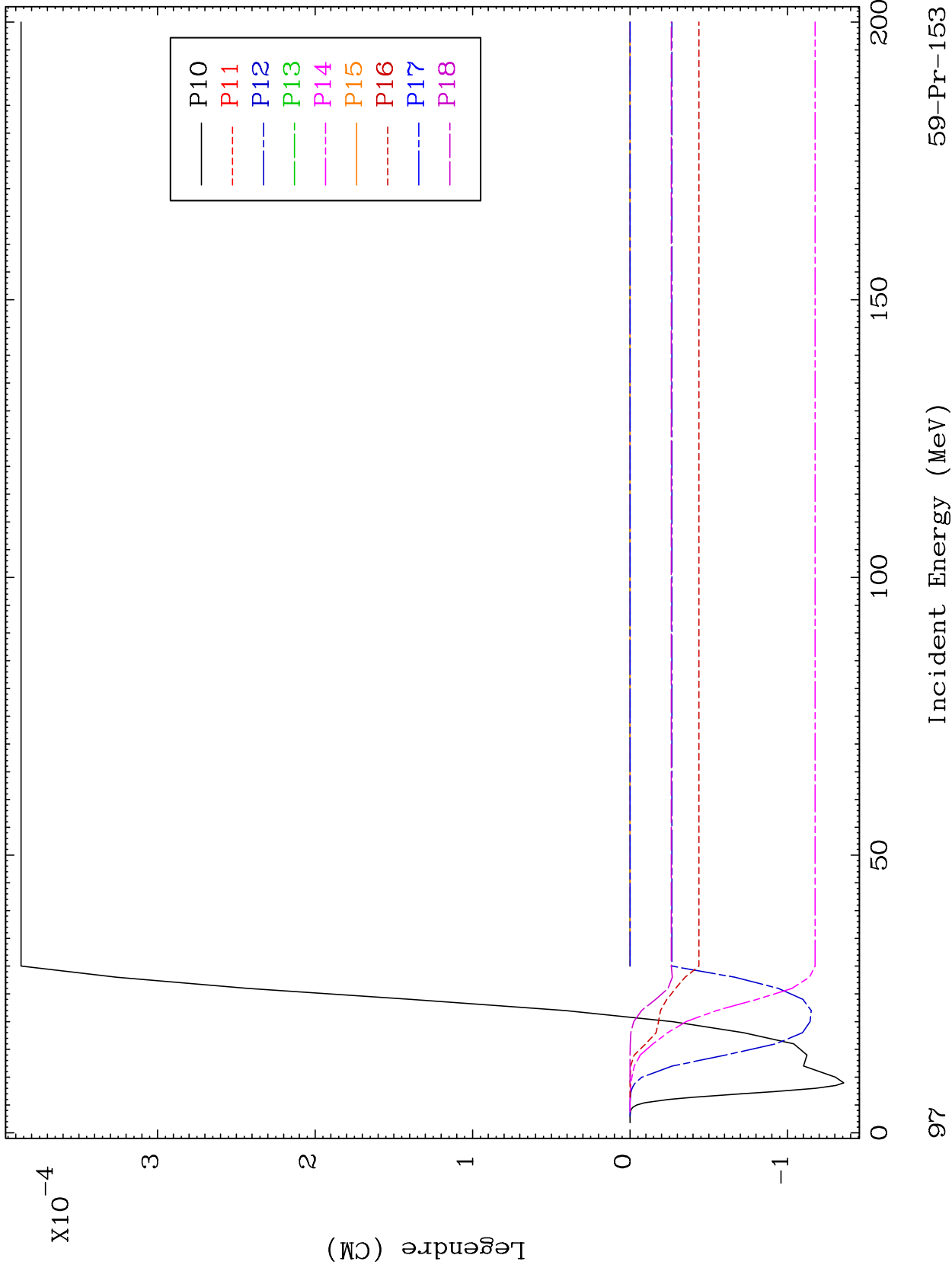
59-Pr-153



96

Incident Energy (MeV)

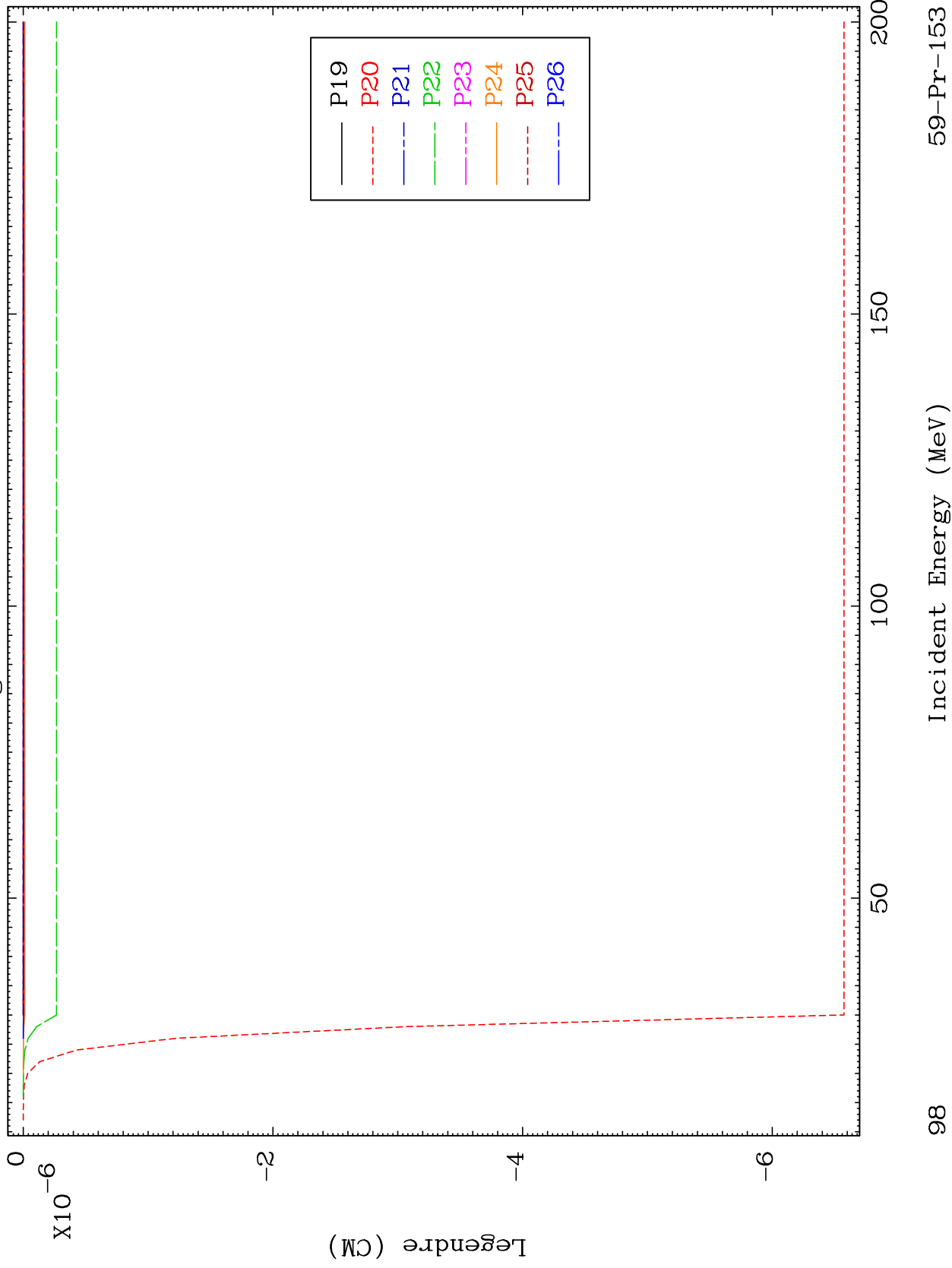
59-Pr-153



MAT 5961

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

59-Pr-153

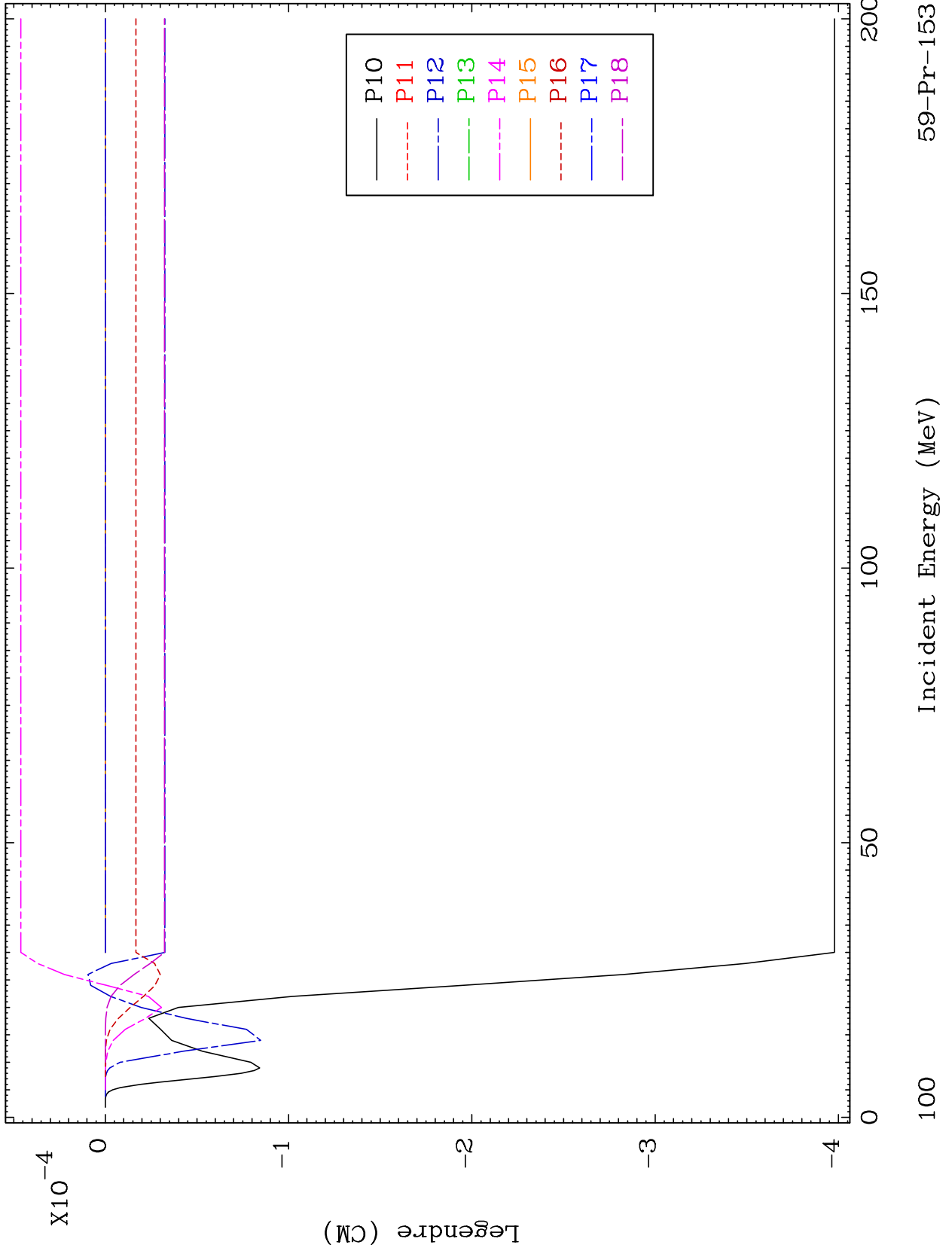




MAT 5961

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

59-Pr-153



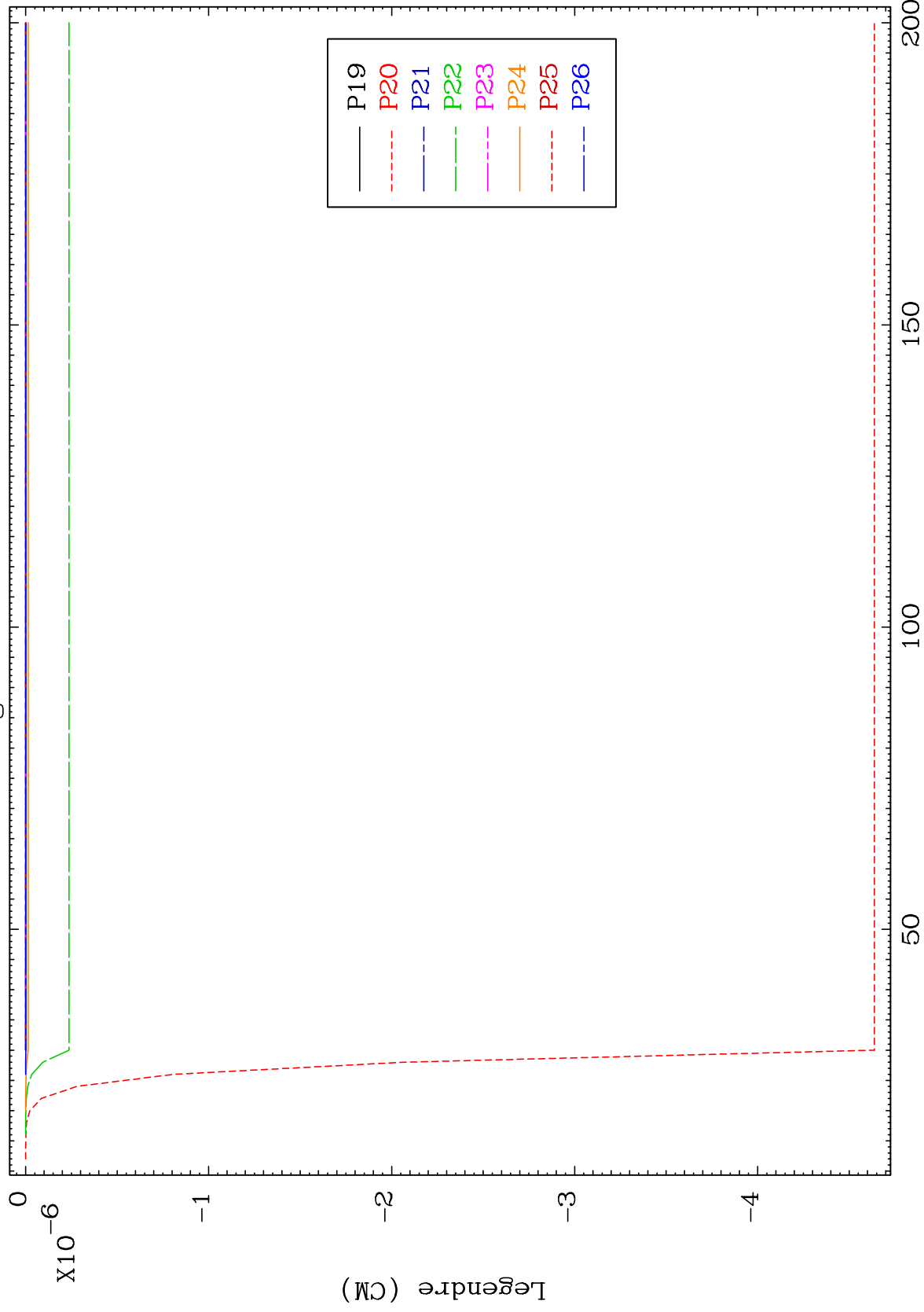
59-Pr-153

Incident Energy (MeV)

MAT 5961

59-Pr-153

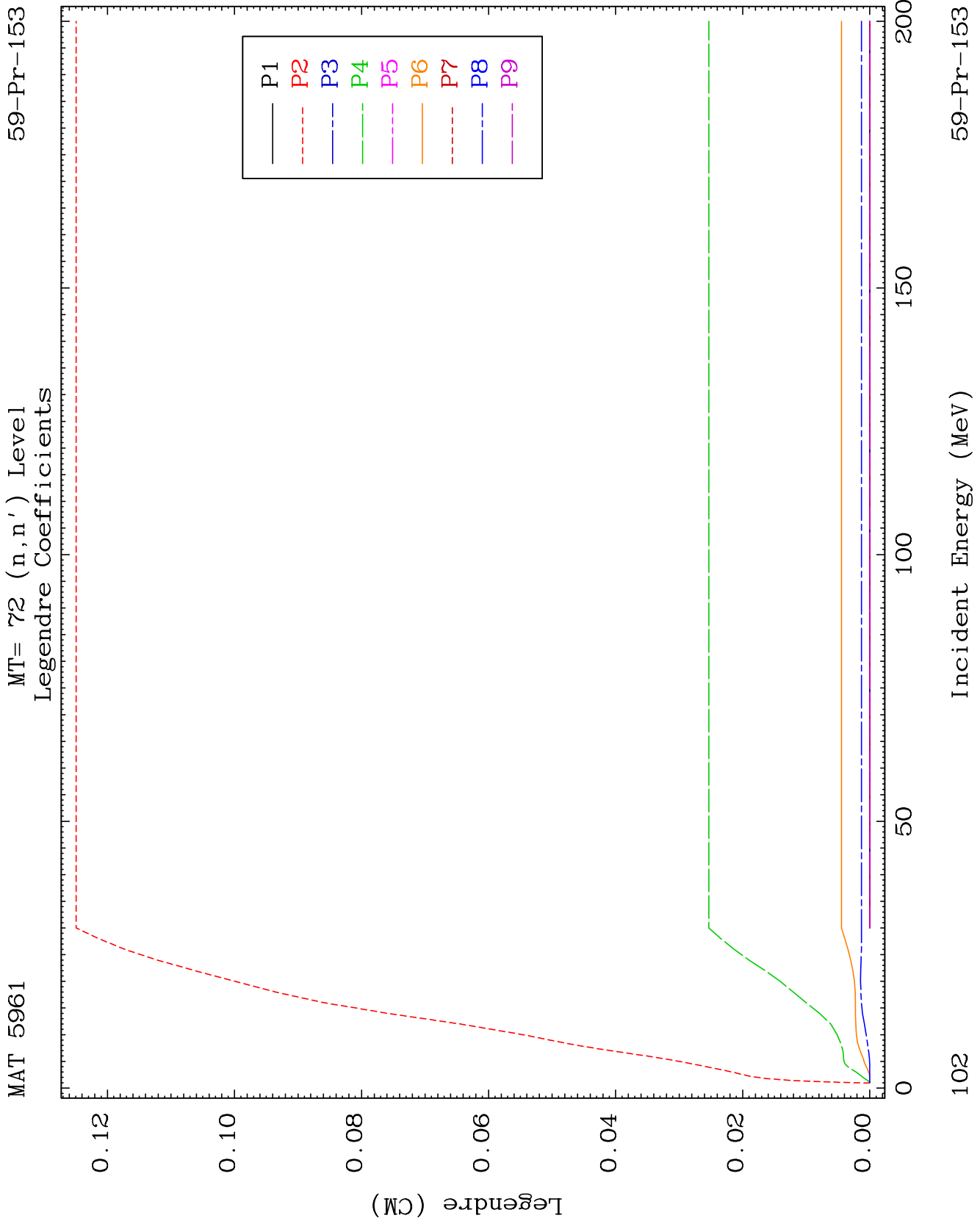
MT= 71 (n,n') Level  
Legendre Coefficients

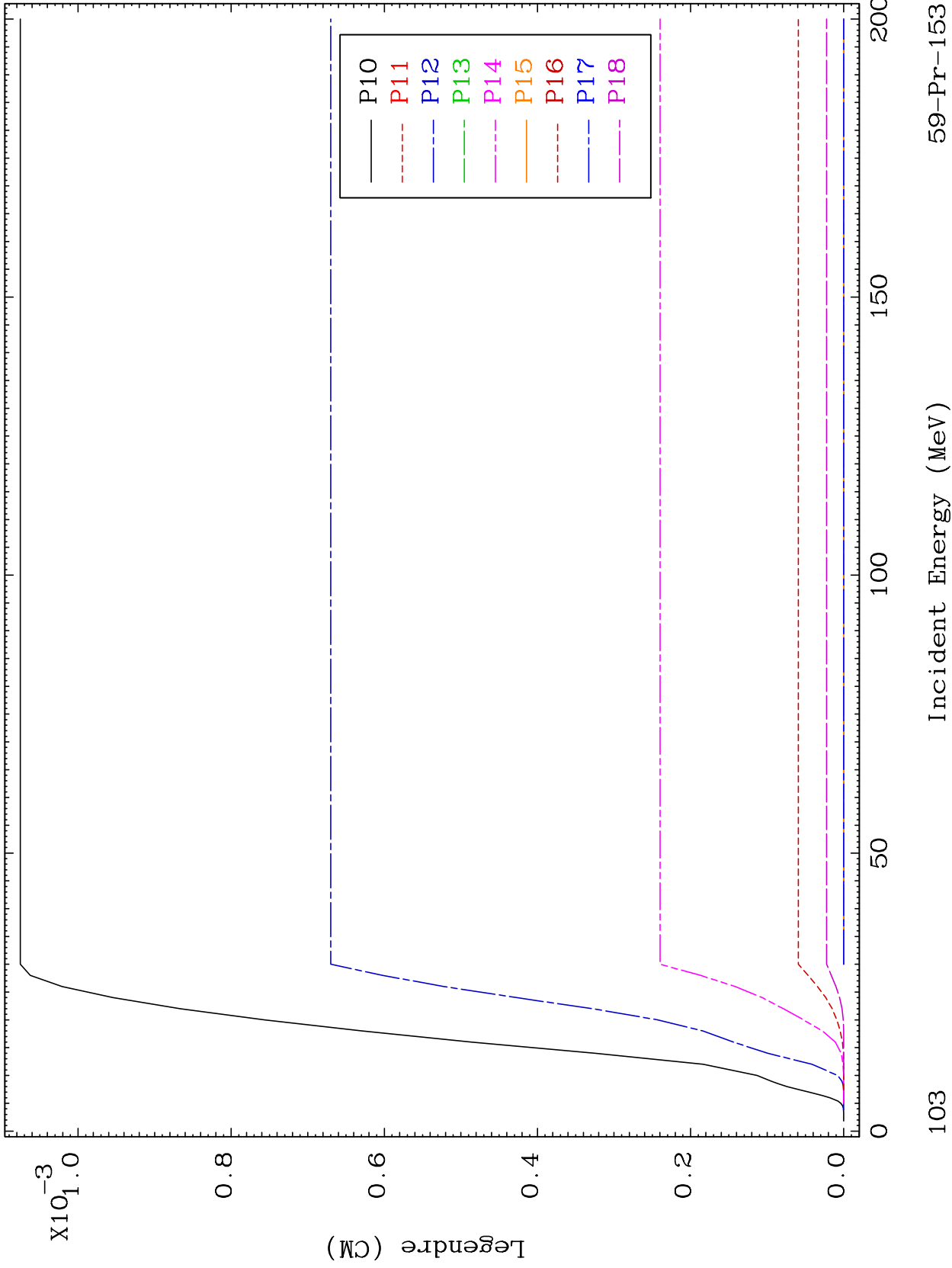


101

Incident Energy (MeV)

59-Pr-153



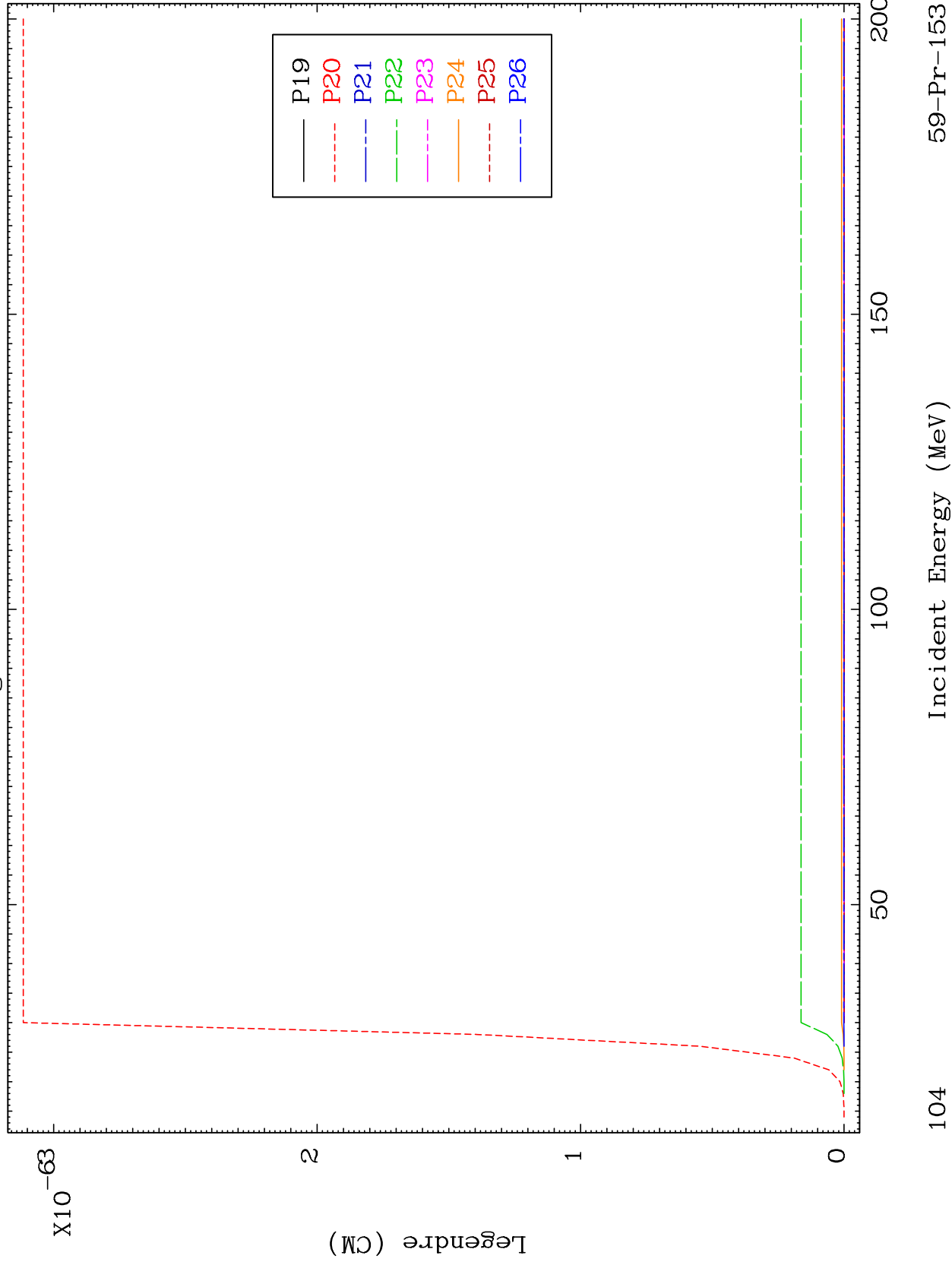




MAT 5961

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

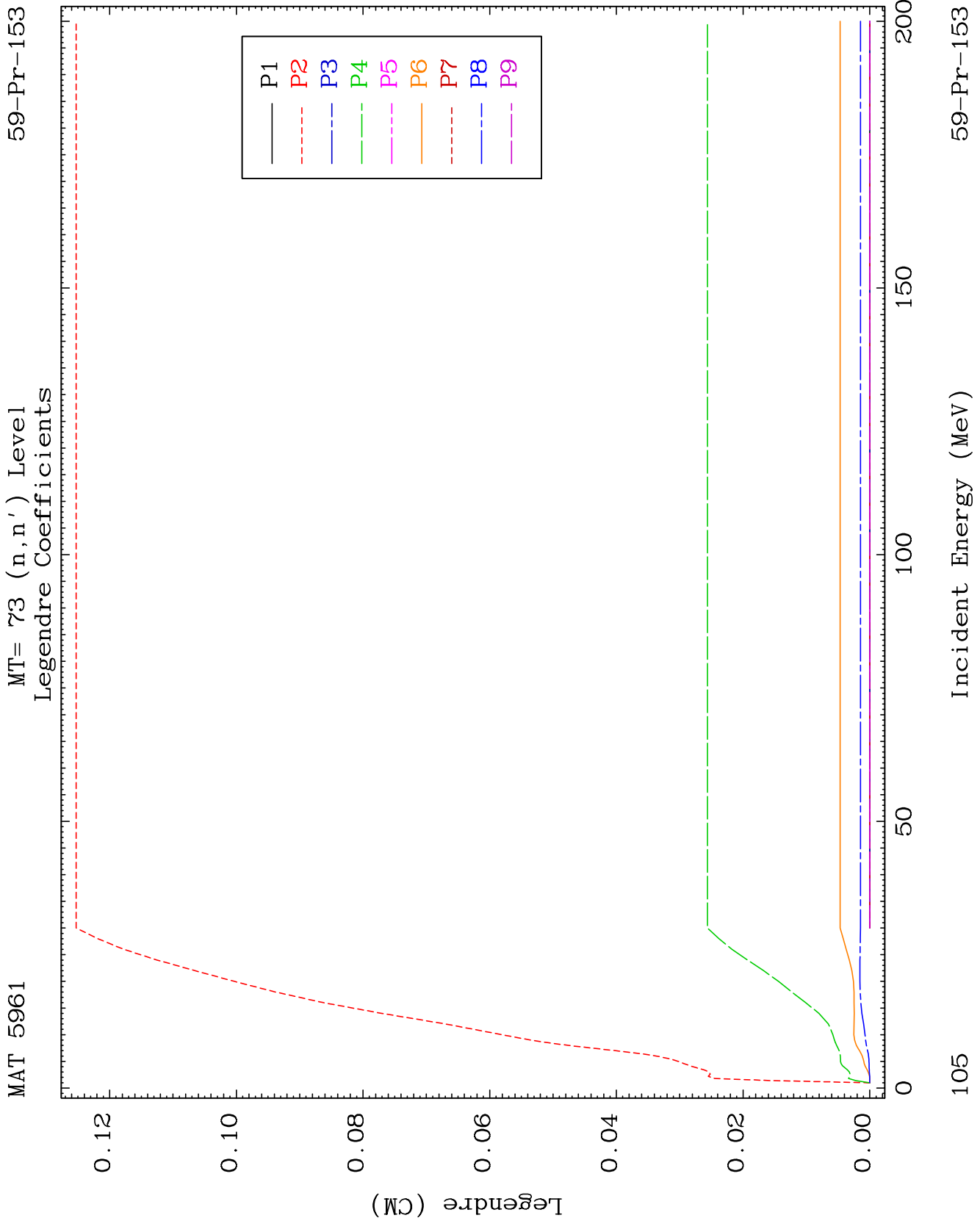
59-Pr-153

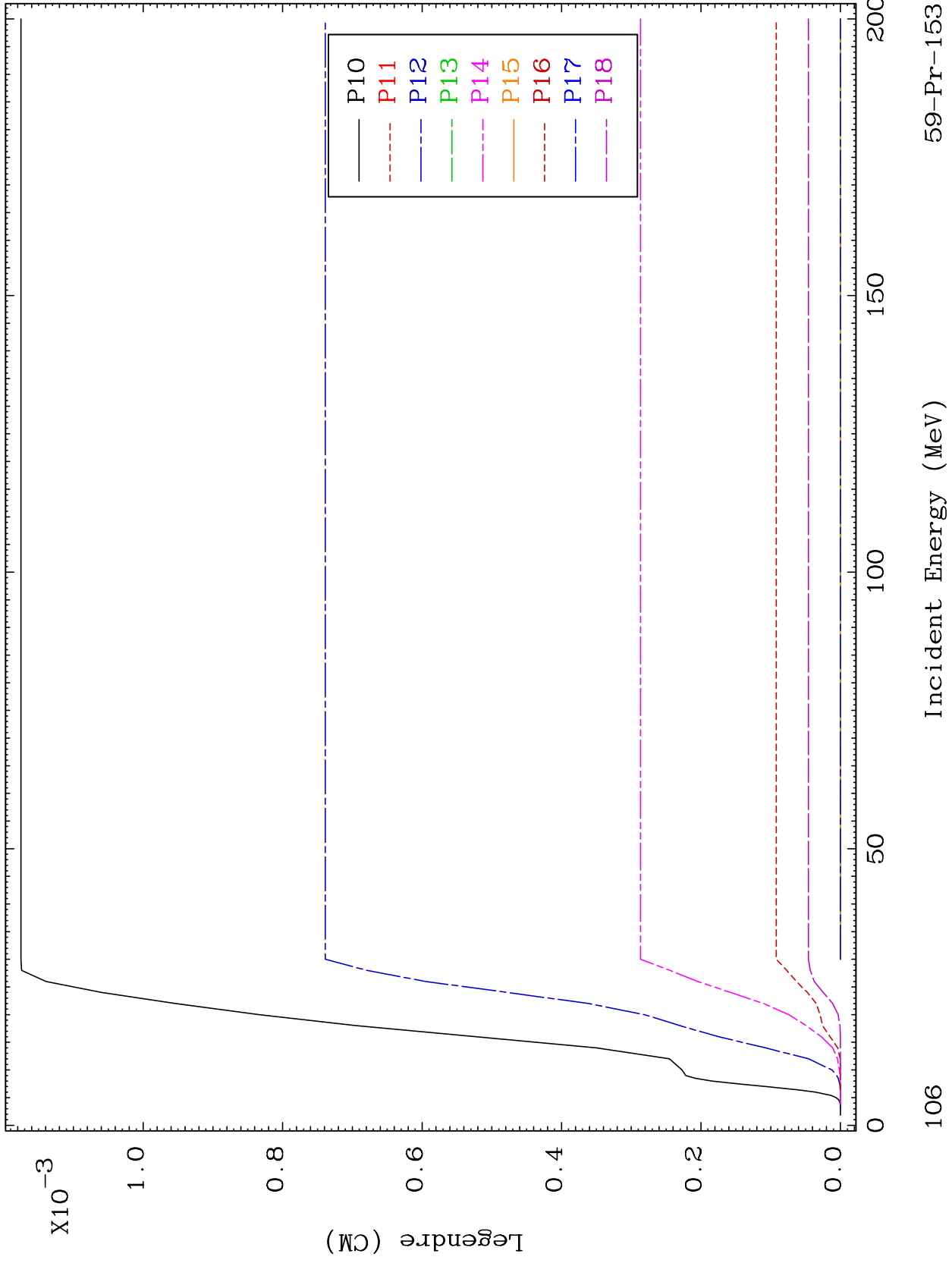


104

Incident Energy (MeV)

59-Pr-153

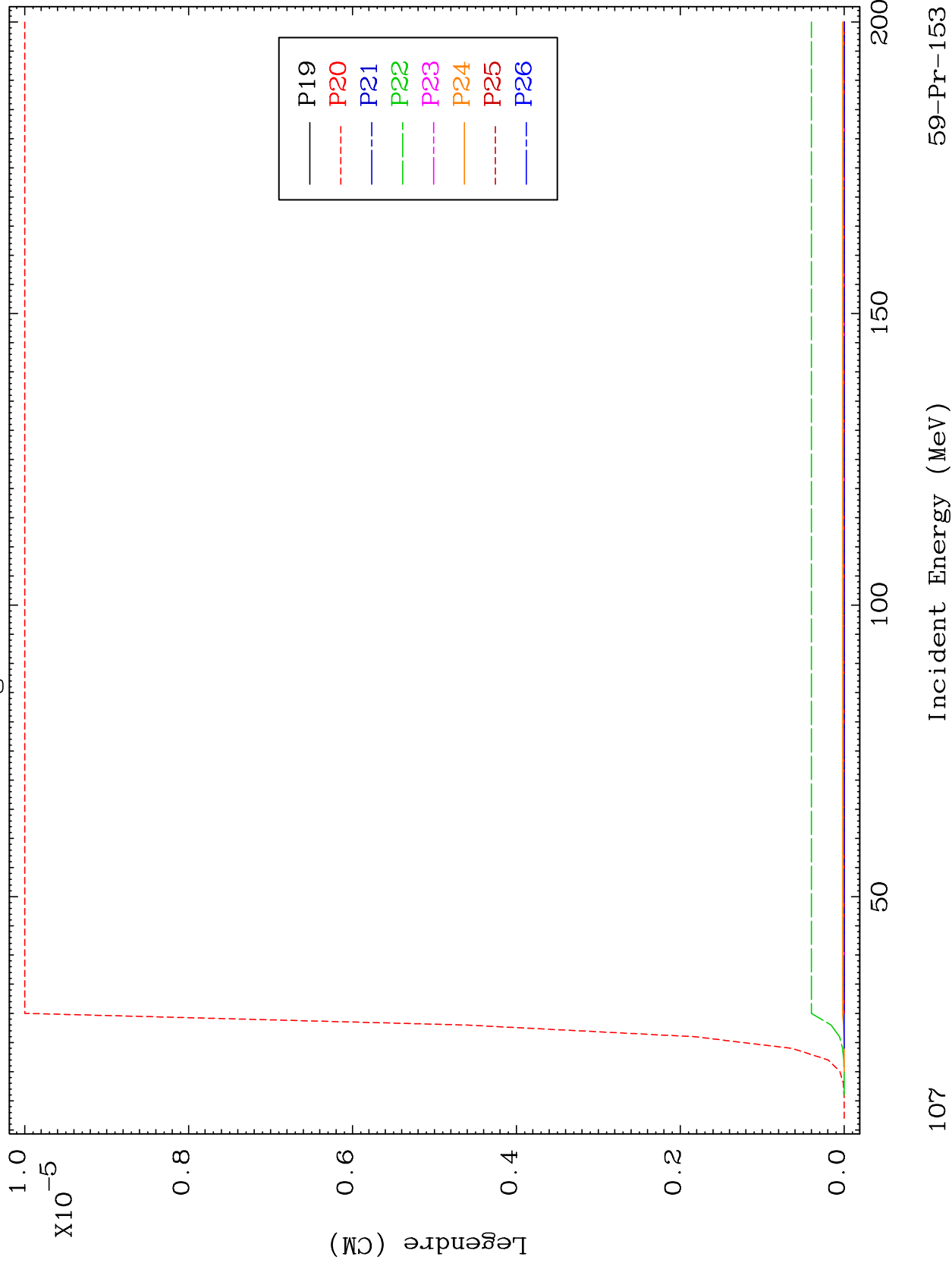




MAT 5961

59-Pr-153

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



107

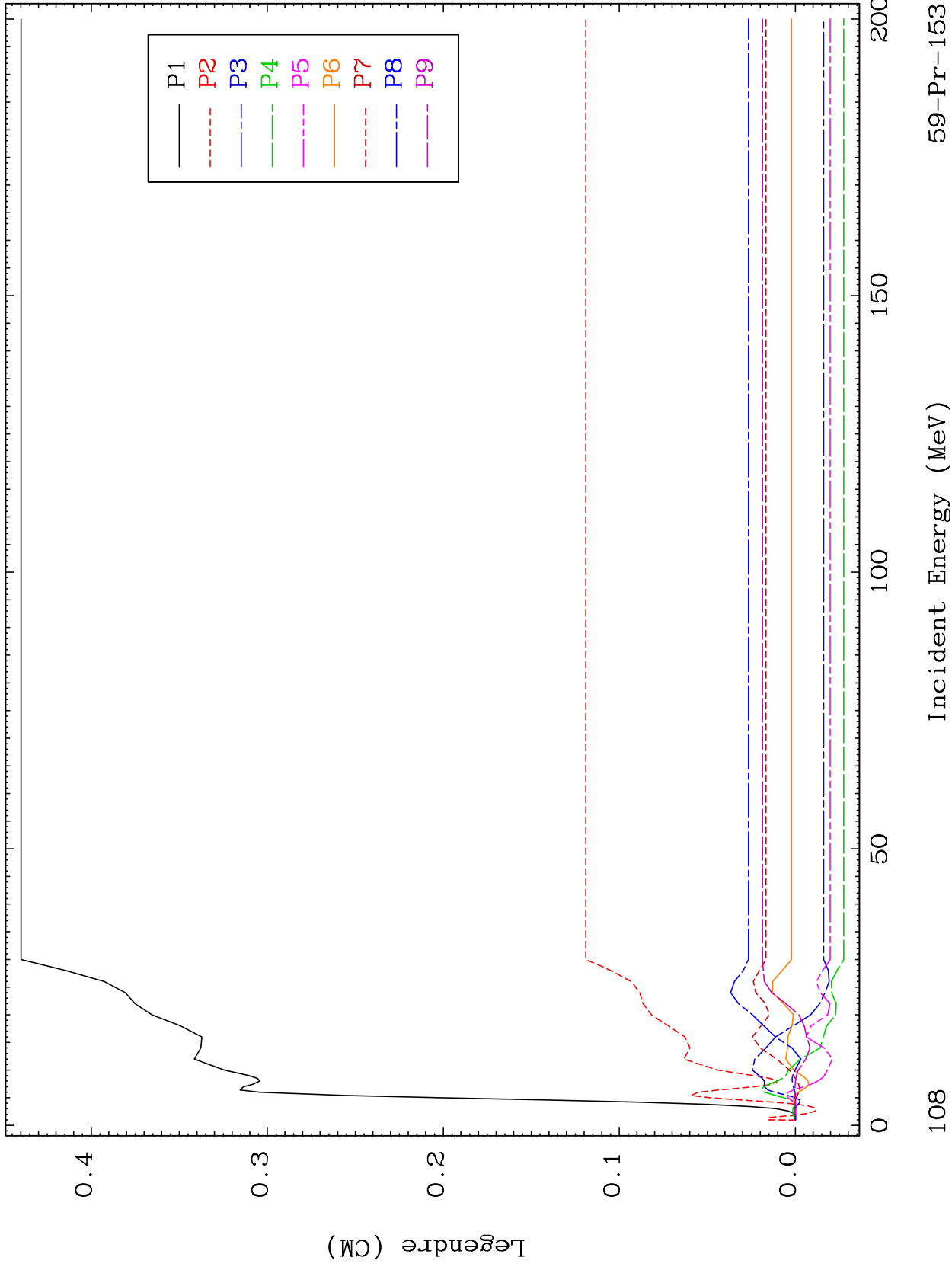
Incident Energy (MeV)

59-Pr-153

MAT 5961

MT= 74 (n,n') Level  
Legendre Coefficients

59-Pr-153



59-Pr-153

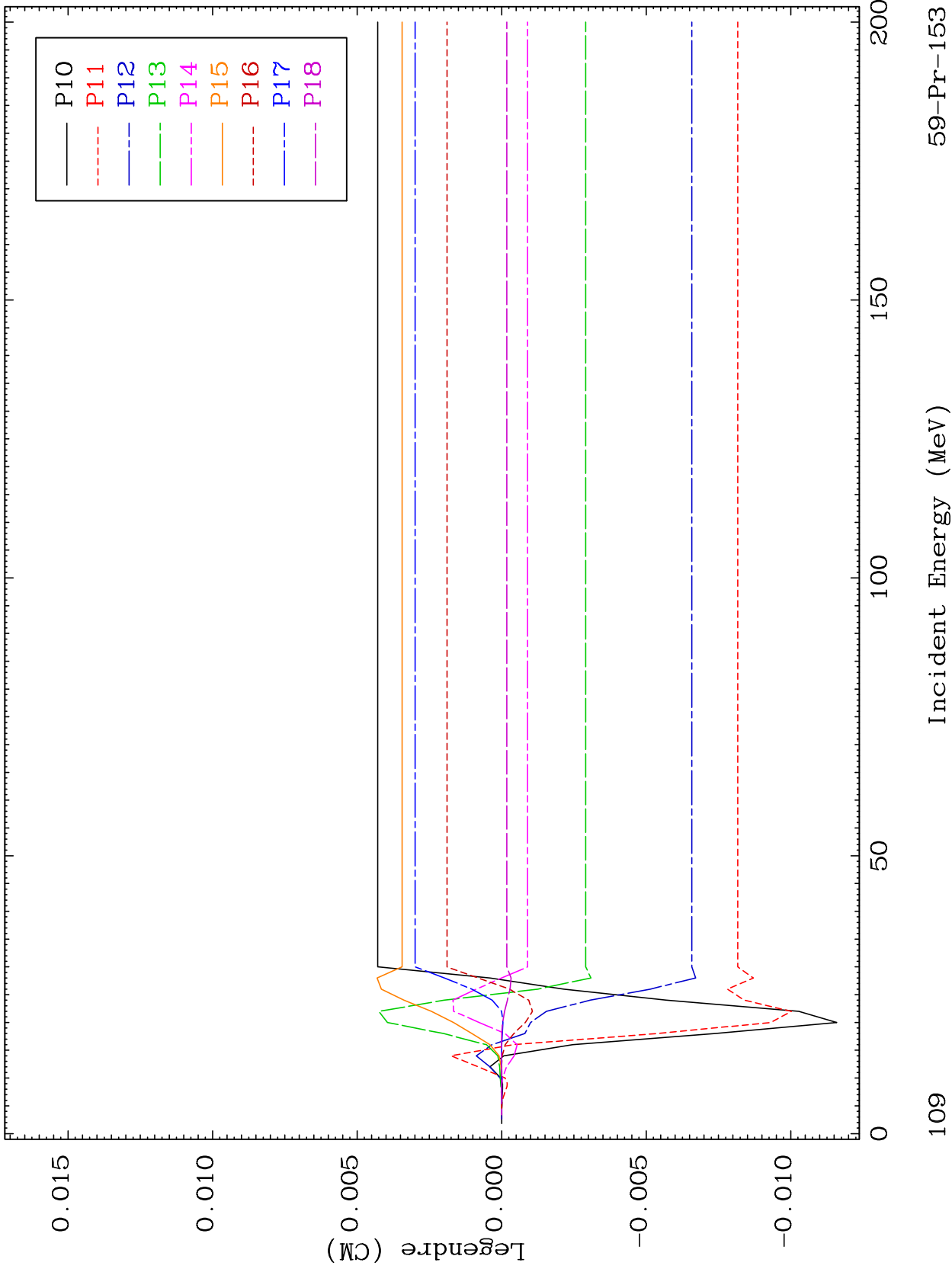
Incident Energy (MeV)

108

MAT 5961

MT= 74 (n,n') Level  
Legendre Coefficients

59-Pr-153



109

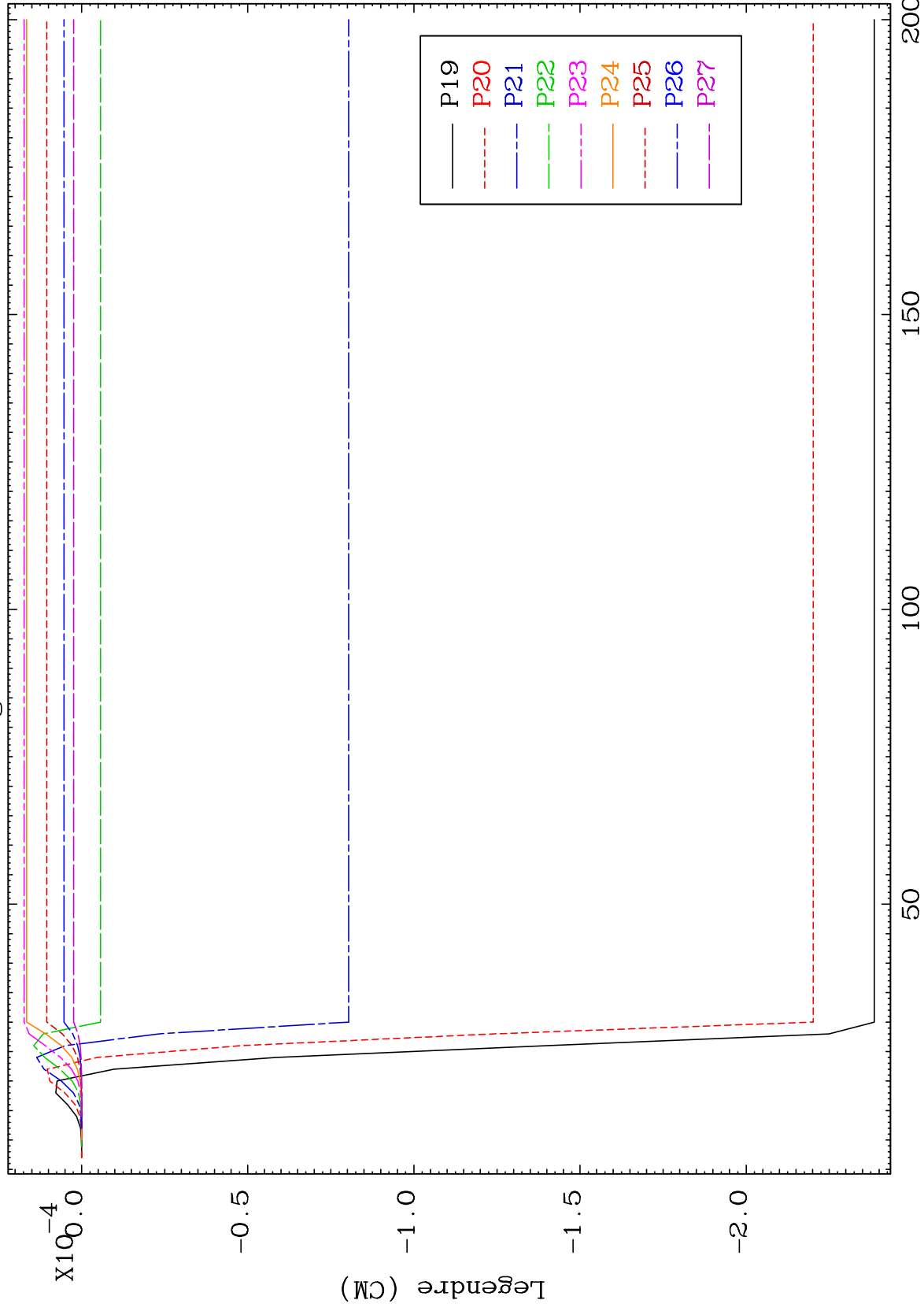
Incident Energy (MeV)

59-Pr-153

MAT 5961

MT= 74 (n,n') Level  
Legendre Coefficients

59-Pr-153



110

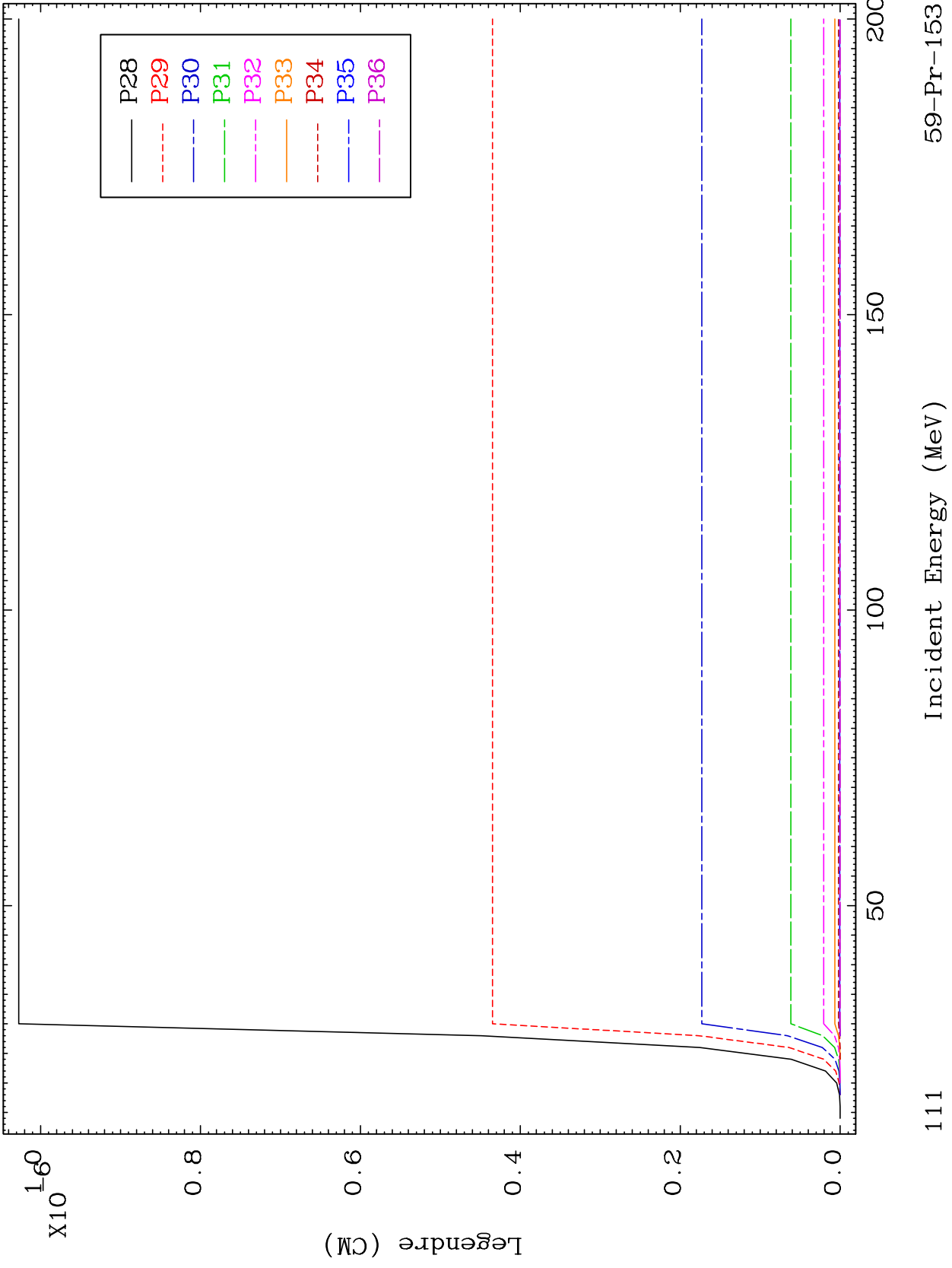
Incident Energy (MeV)

59-Pr-153

MAT 5961

MT= 74 (n,n') Level  
Legendre Coefficients

59-Pr-153



111

Incident Energy (MeV)

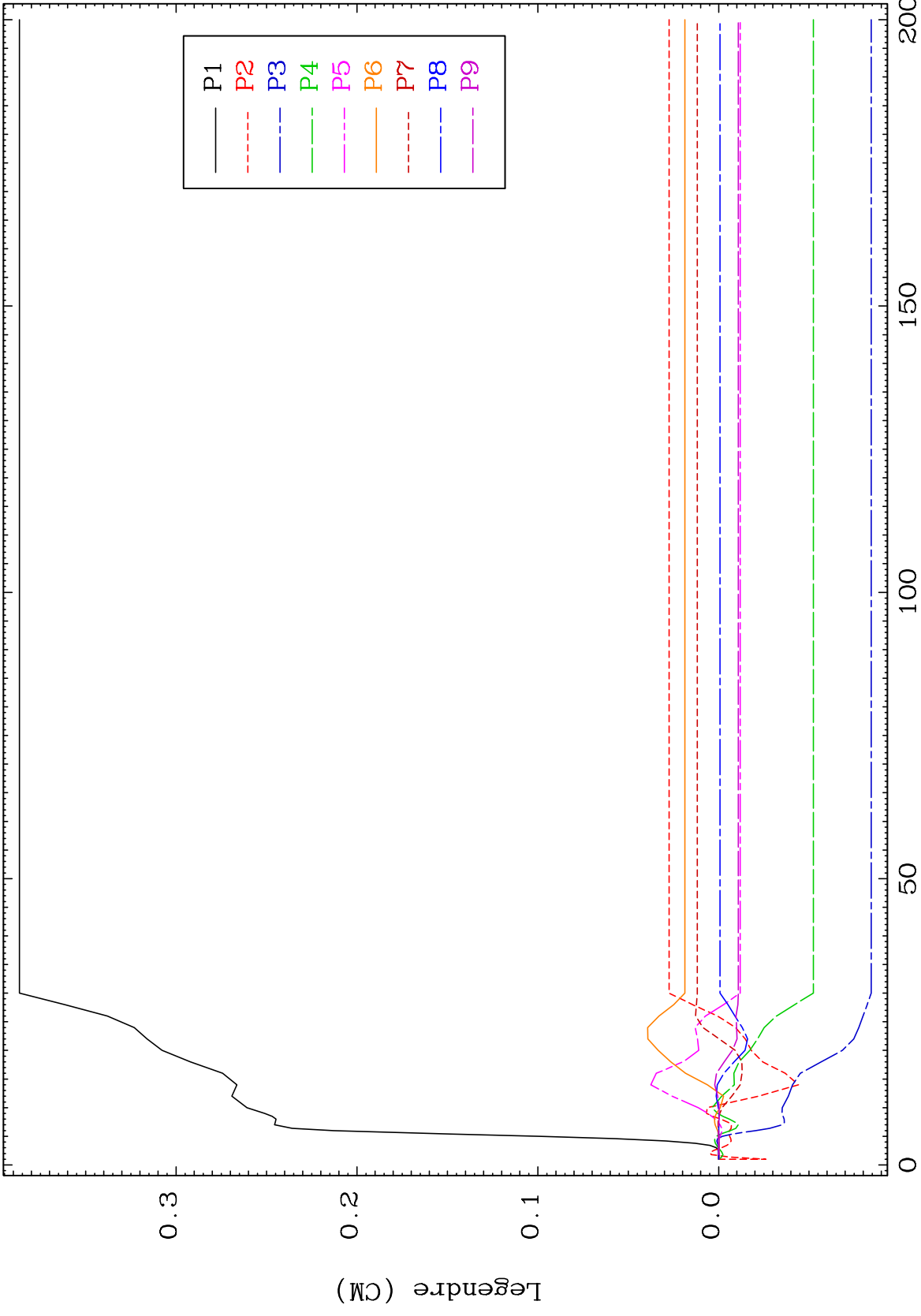
59-Pr-153



MAT 5961

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

59-Pr-153



112

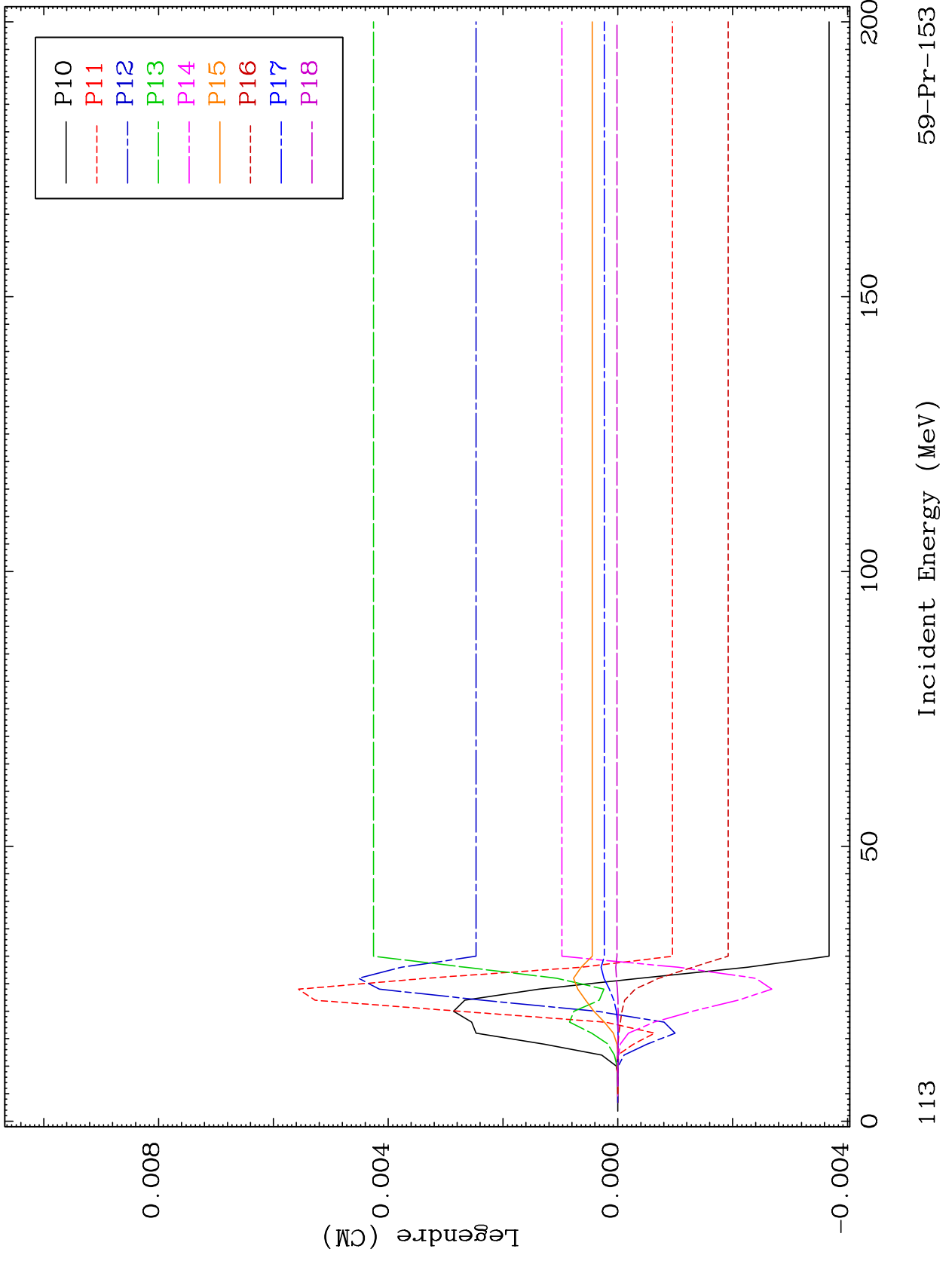
Incident Energy (MeV)

59-Pr-153

MAT 5961

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

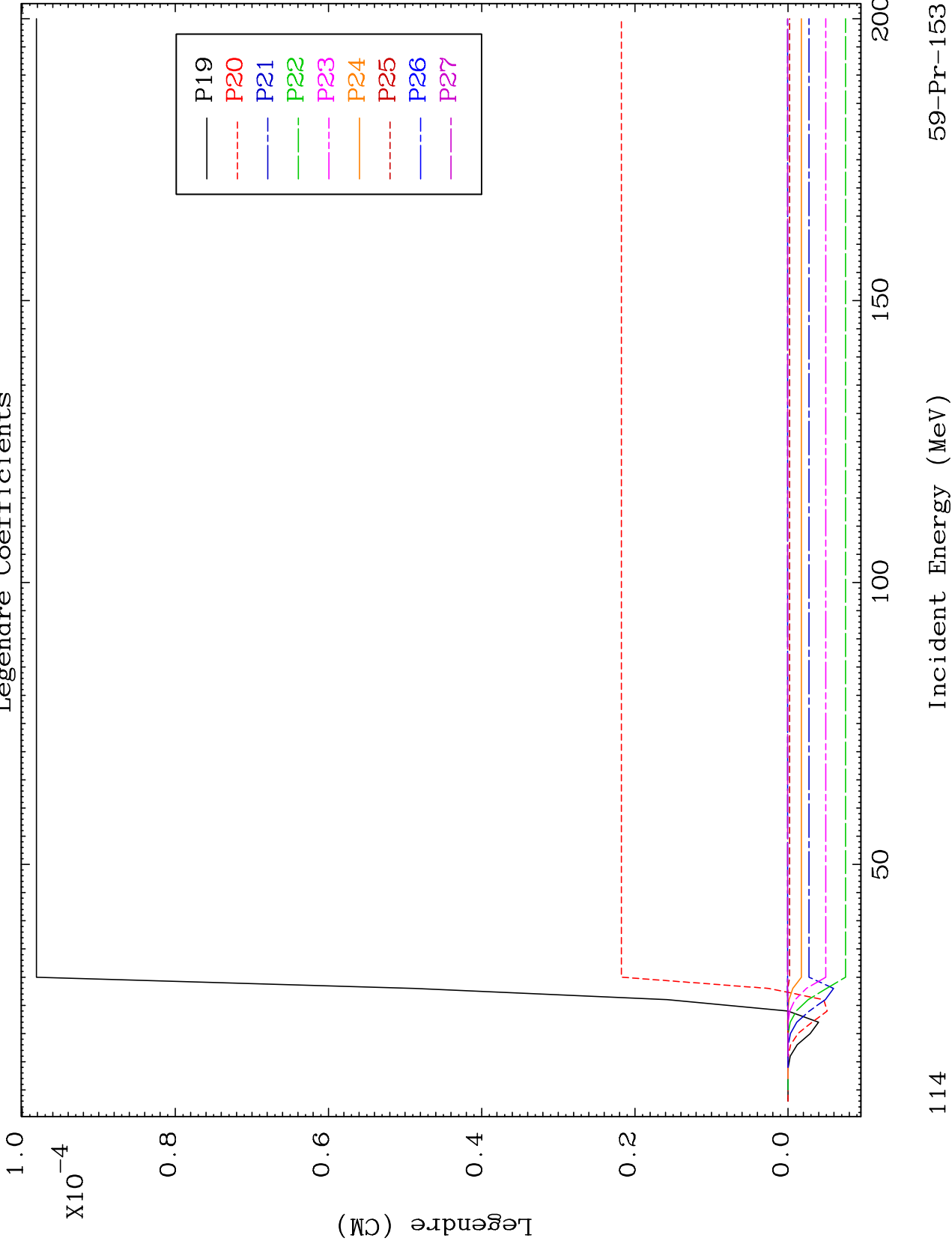
59-Pr-153



MAT 5961

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

59-Pr-153



114

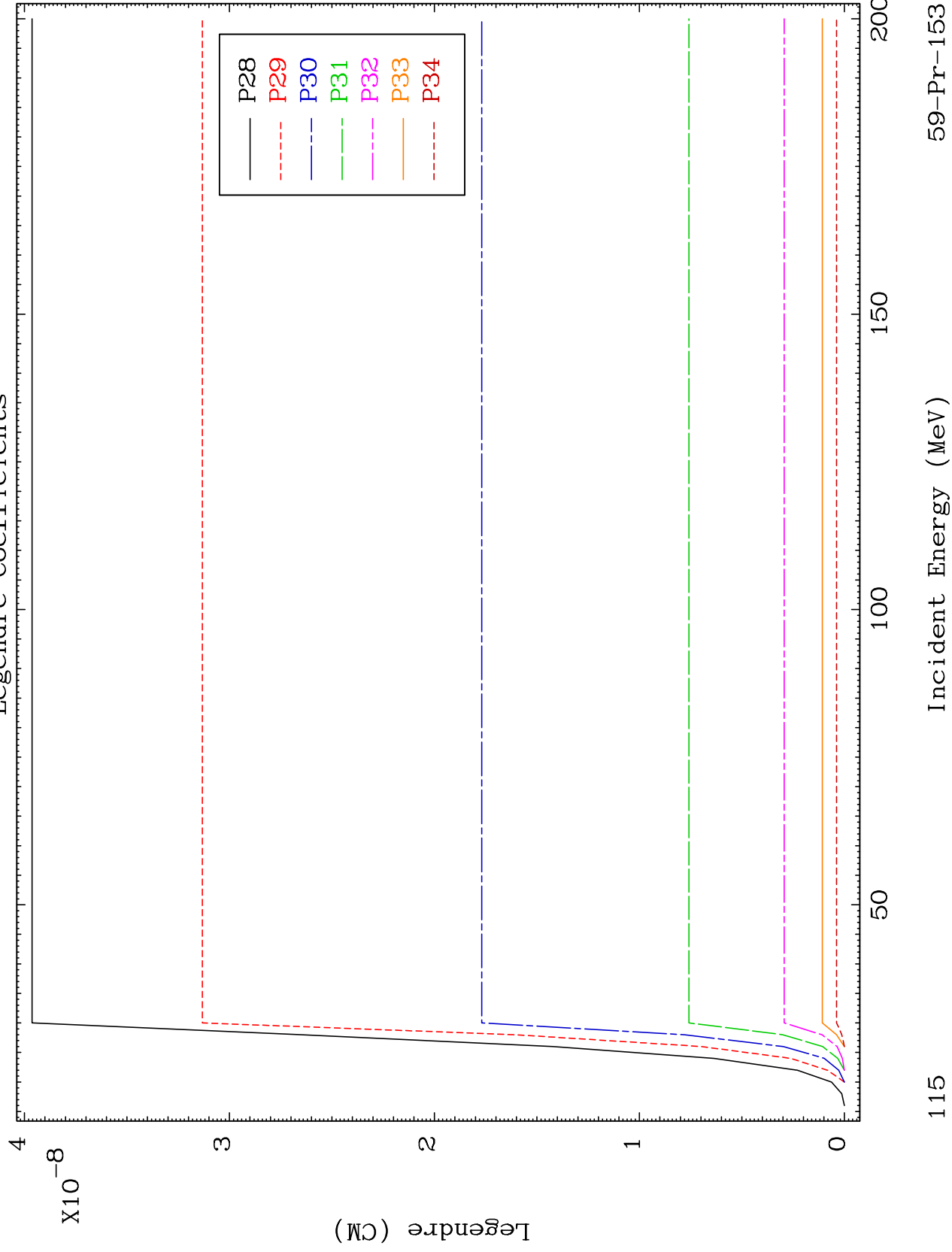
Incident Energy (MeV)

59-Pr-153

MAT 5961

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

59-Pr-153

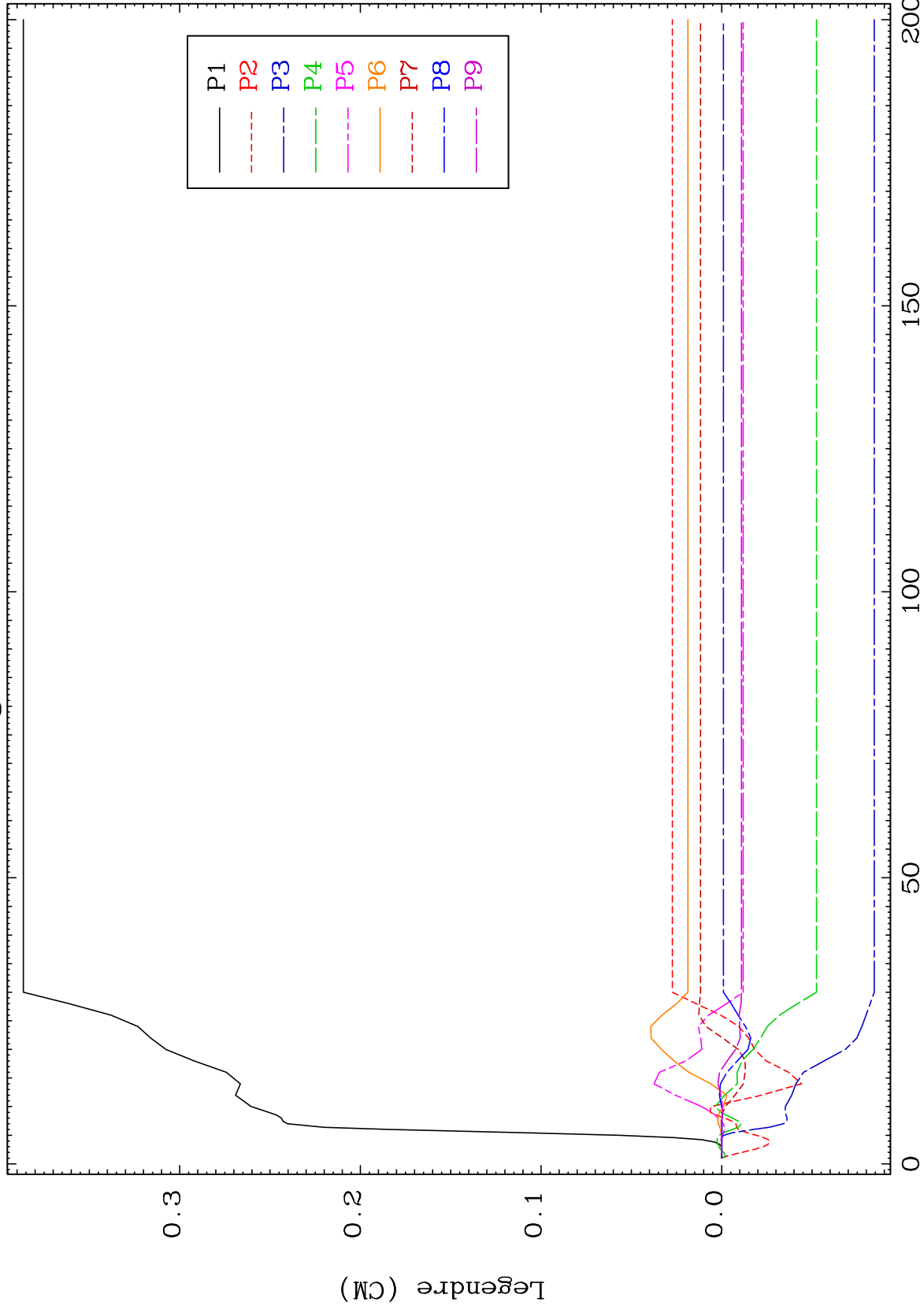


59-Pr-153

MAT 5961

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

59-Pr-153



116

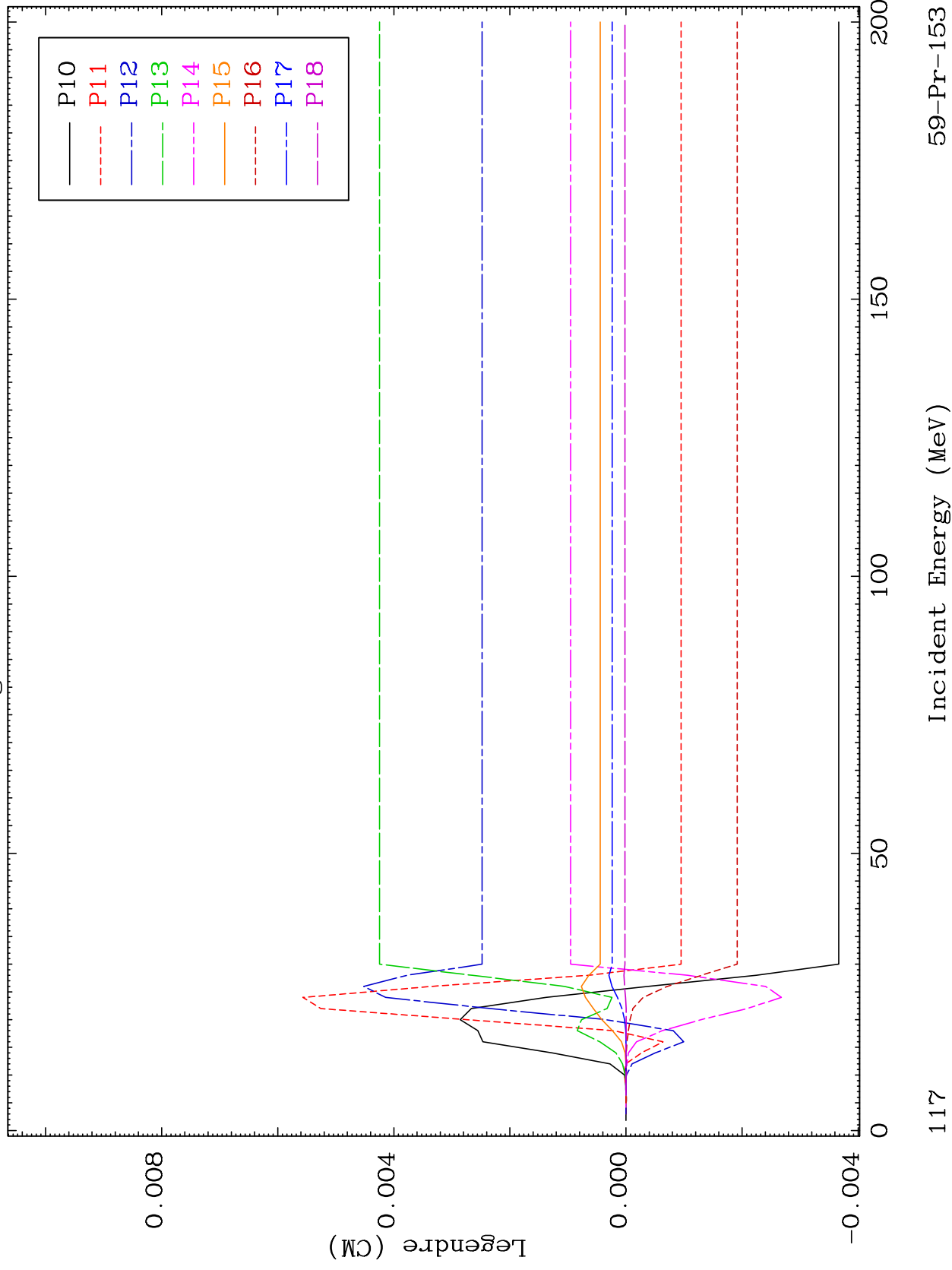
Incident Energy (MeV)

59-Pr-153

MAT 5961

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

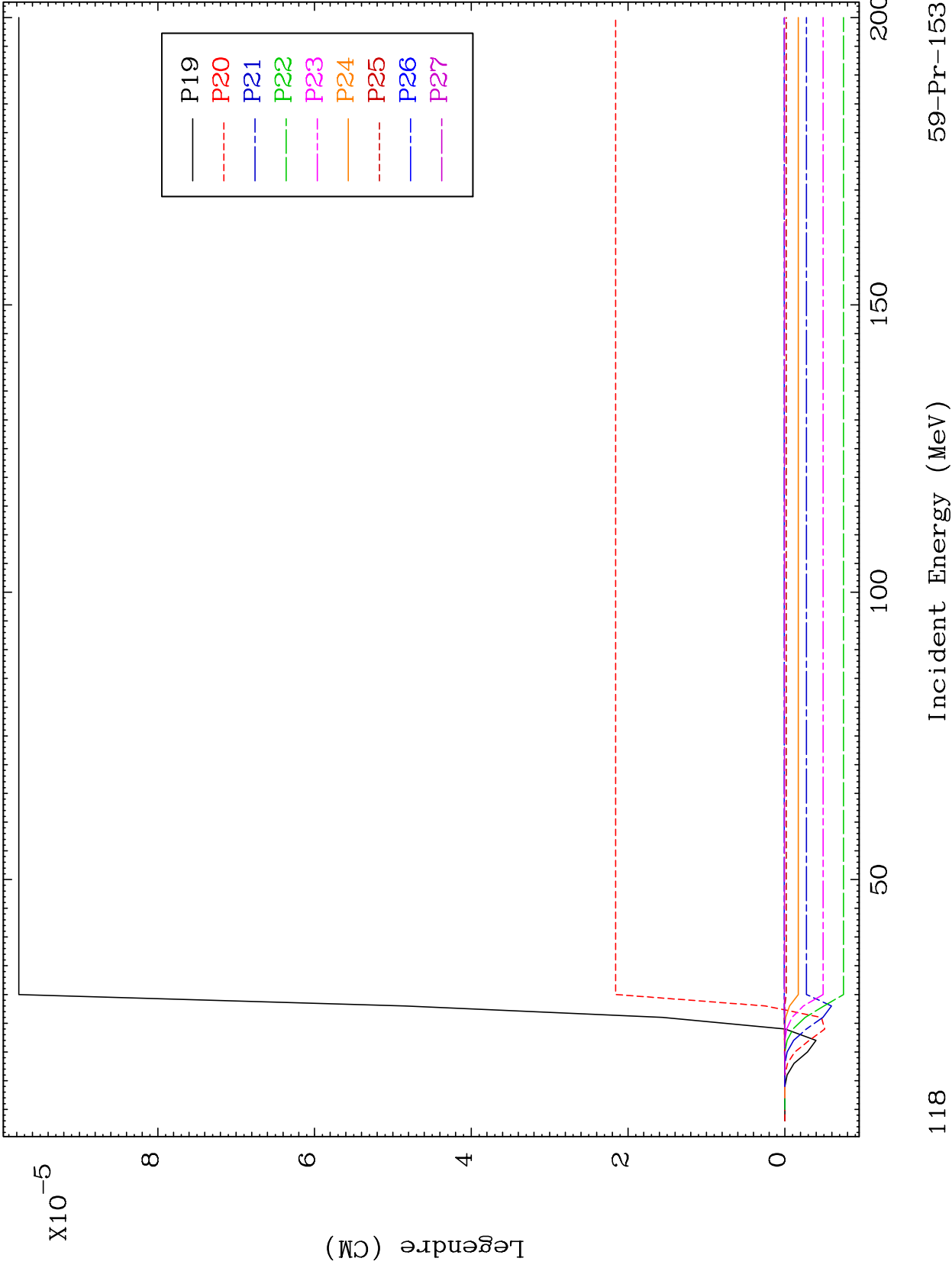
59-Pr-153



59-Pr-153

Incident Energy (MeV)

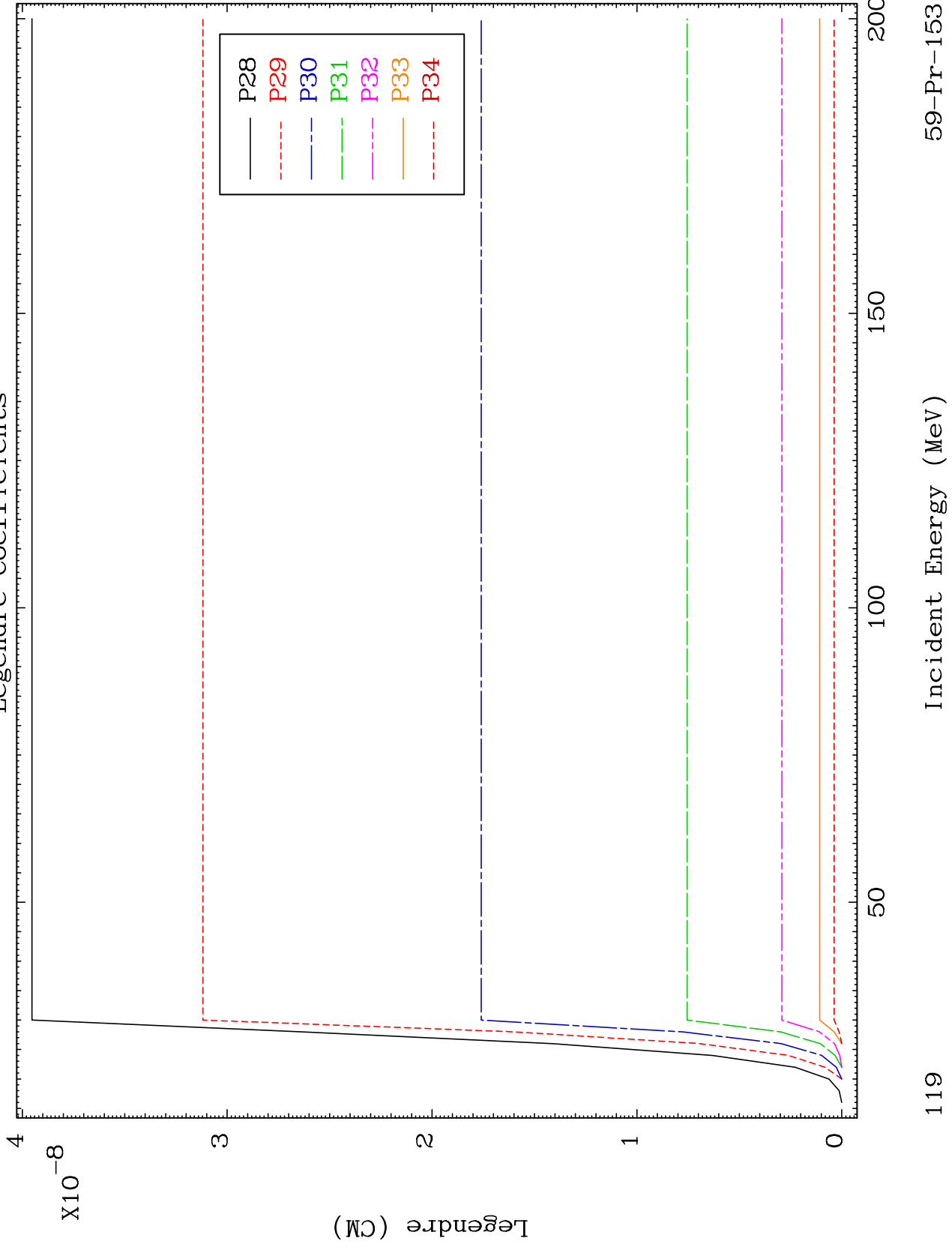
117



MAT 5961

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

59-Pr-153

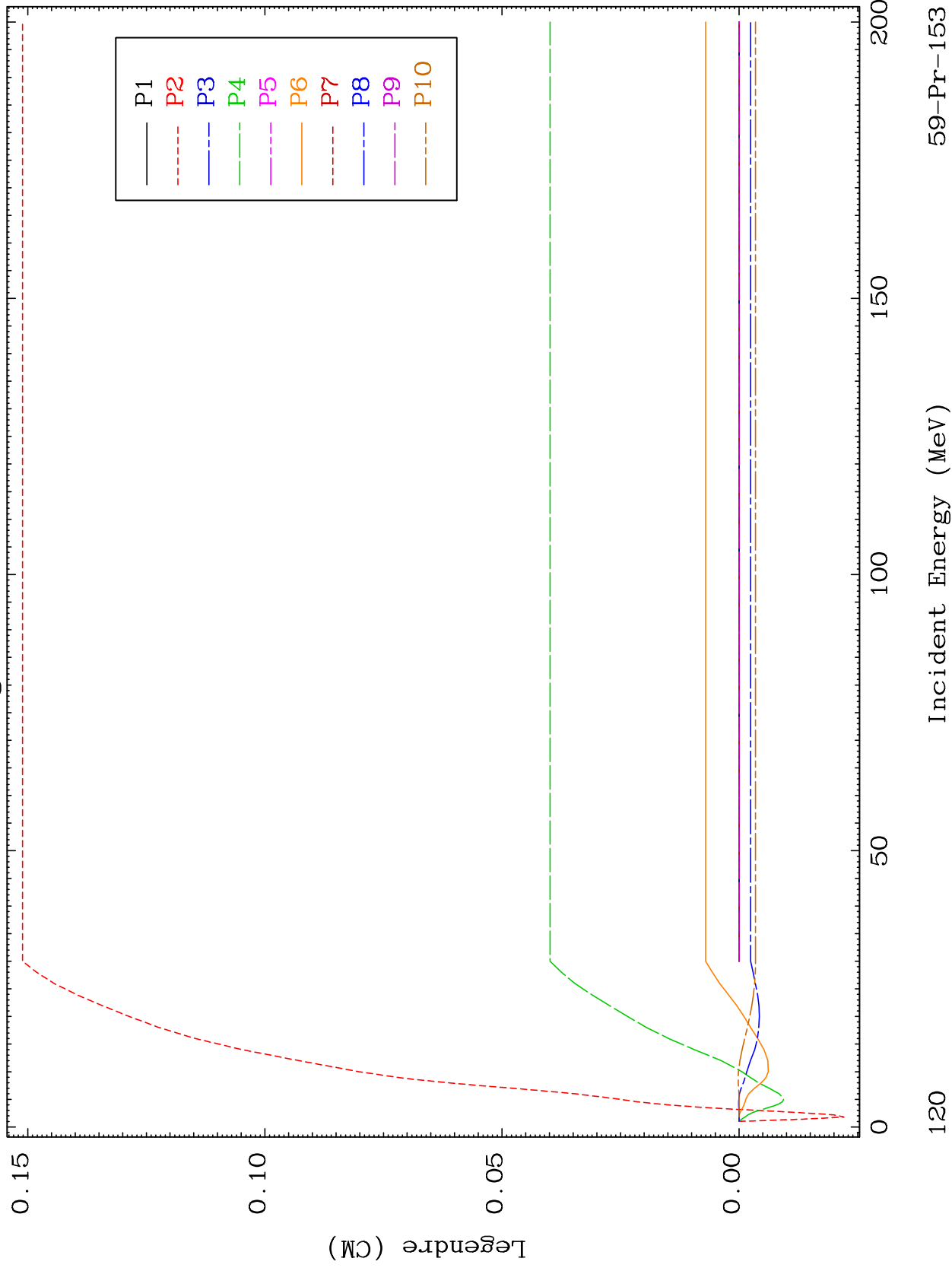




MAT 5961

MT= 77 (n,n') Level  
Legendre Coefficients

59-Pr-153



59-Pr-153

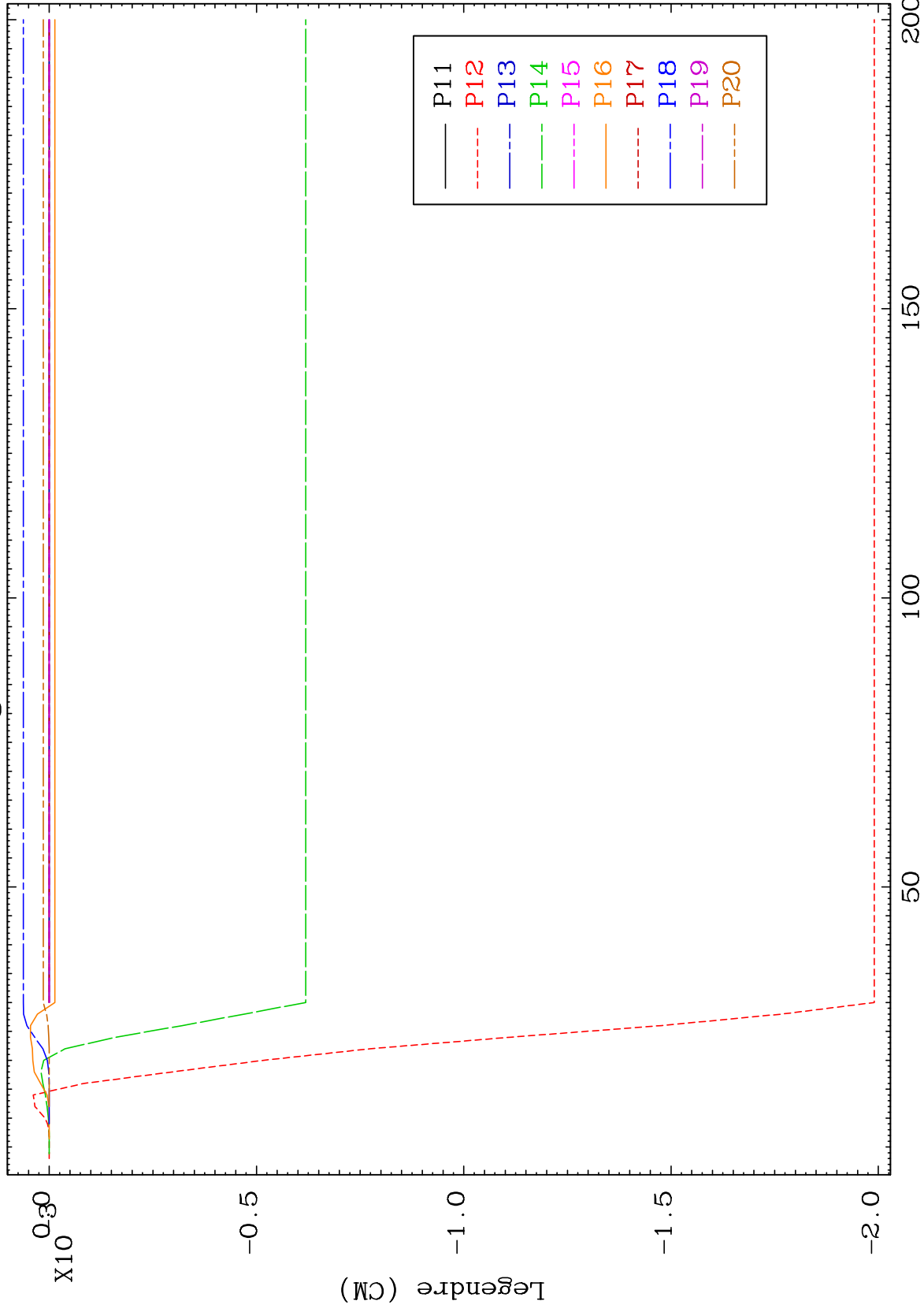
Incident Energy (MeV)

120

MAT 5961

MT= 77 (n,n') Level  
Legendre Coefficients

59-Pr-153



121

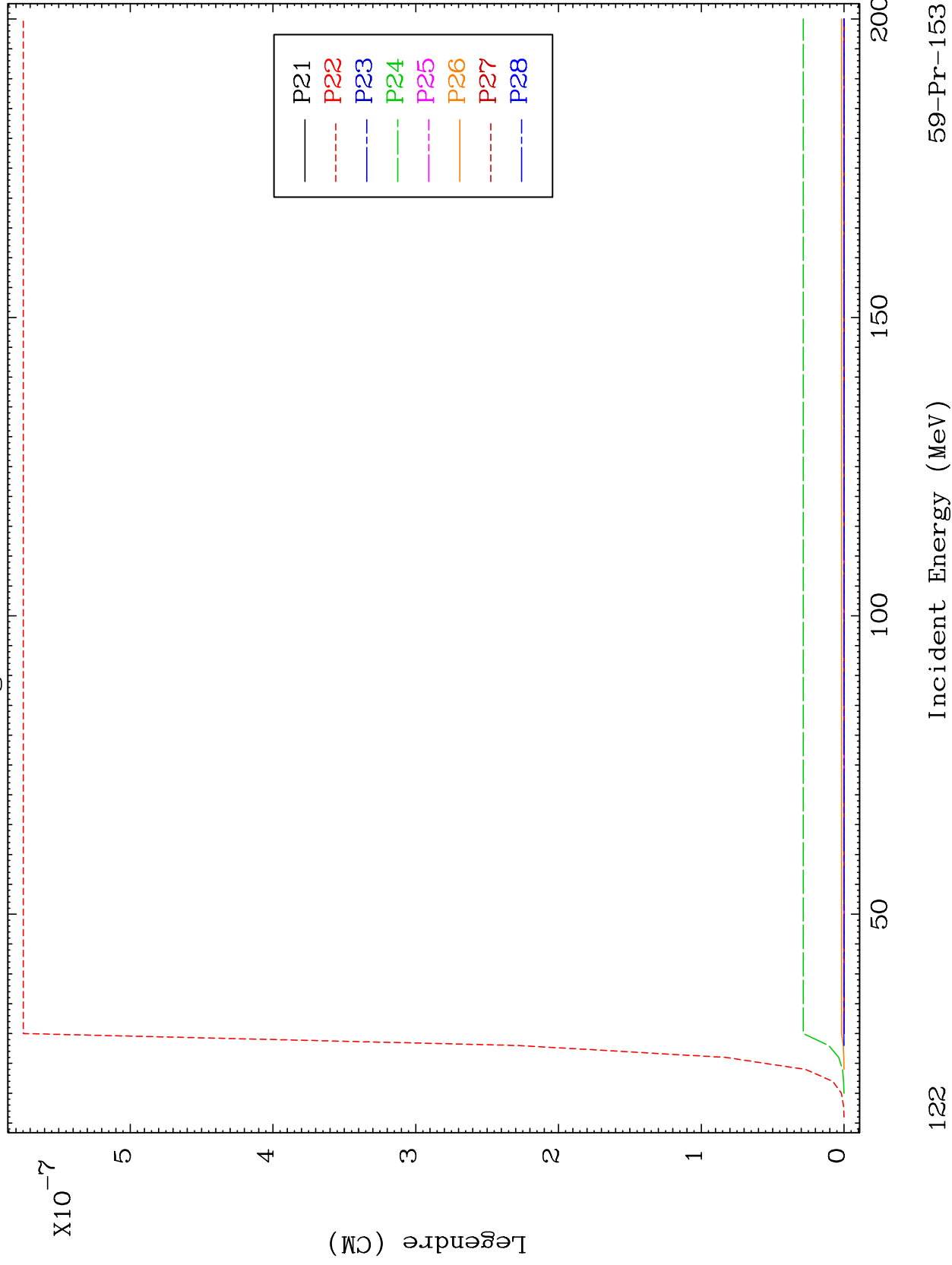
Incident Energy (MeV)

59-Pr-153

MAT 5961

MT= 77 (n,n') Level  
Legendre Coefficients

59-Pr-153

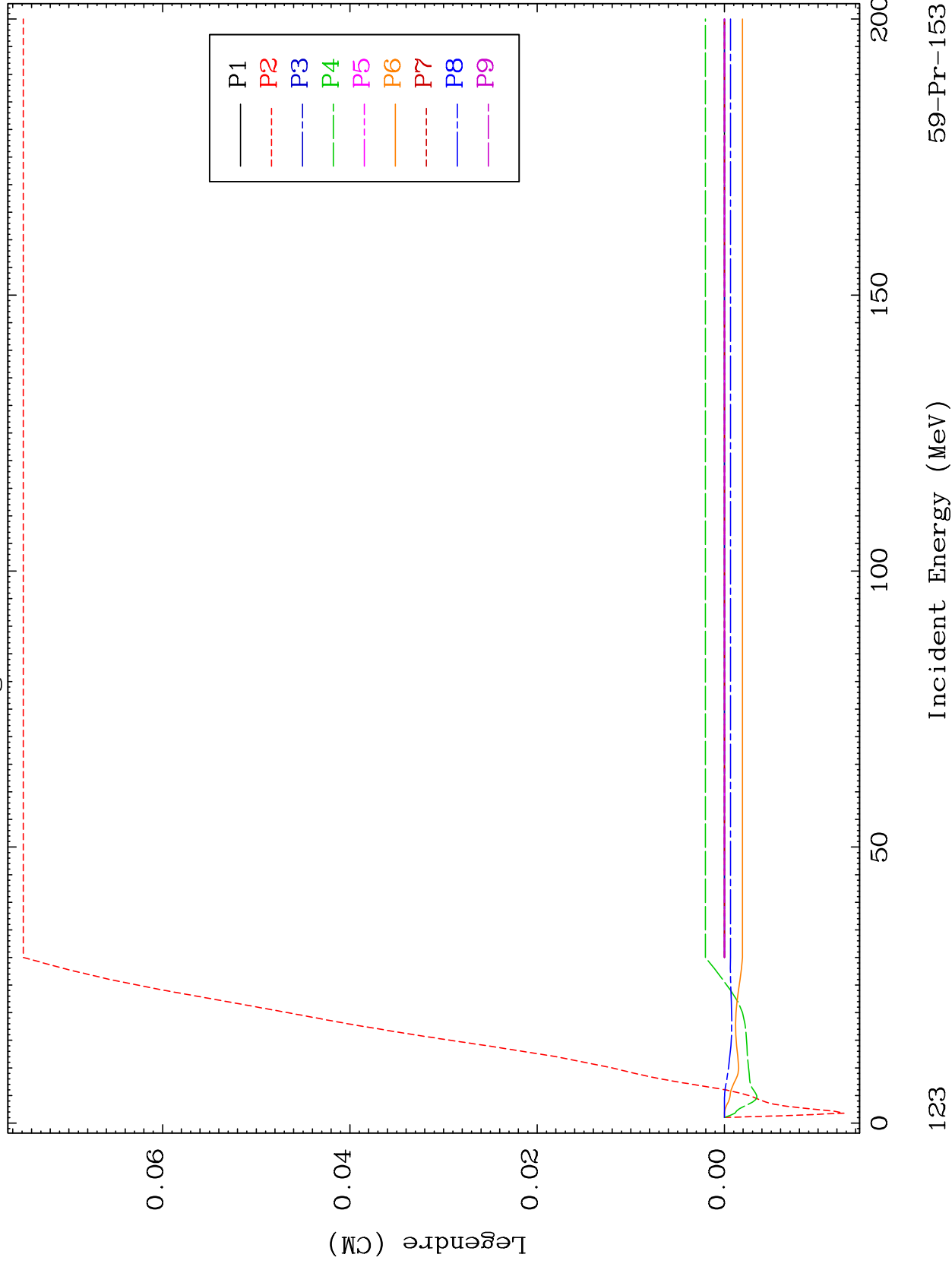


59-Pr-153

MAT 5961

MT= 78 (n,n') Level  
Legendre Coefficients

59-Pr-153



59-Pr-153

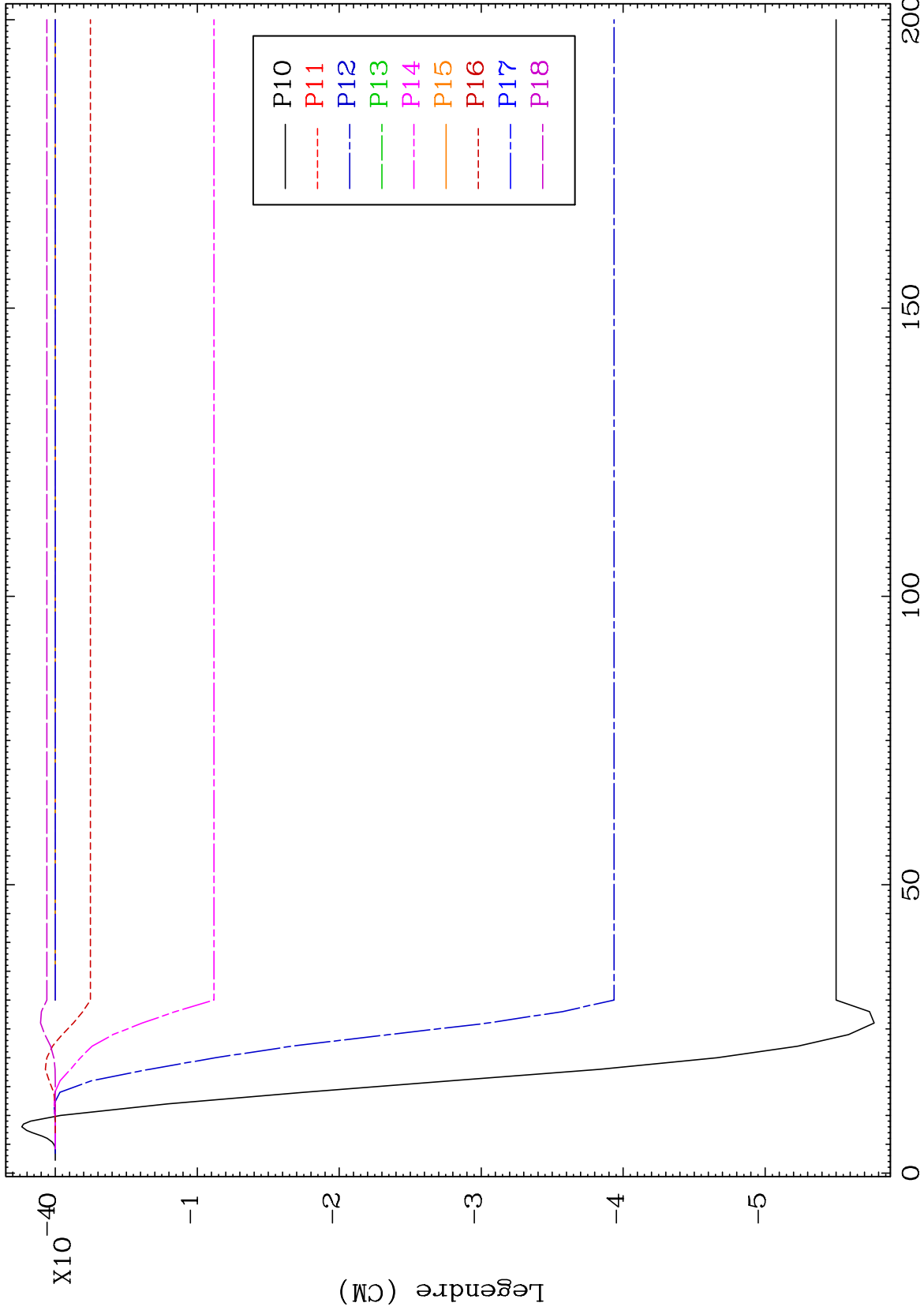
Incident Energy (MeV)

123

MAT 5961

MT= 78 (n,n') Level  
Legendre Coefficients

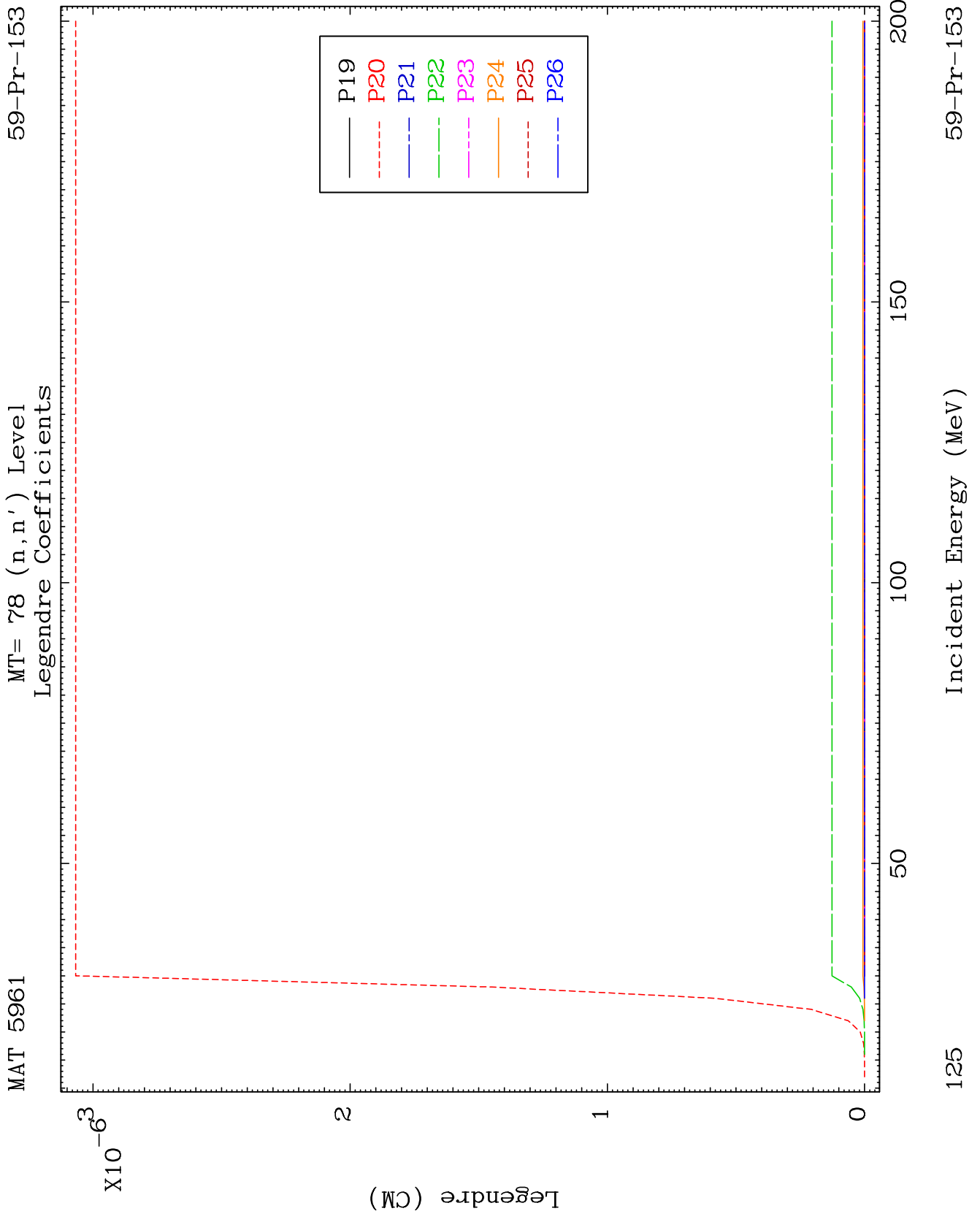
59-Pr-153

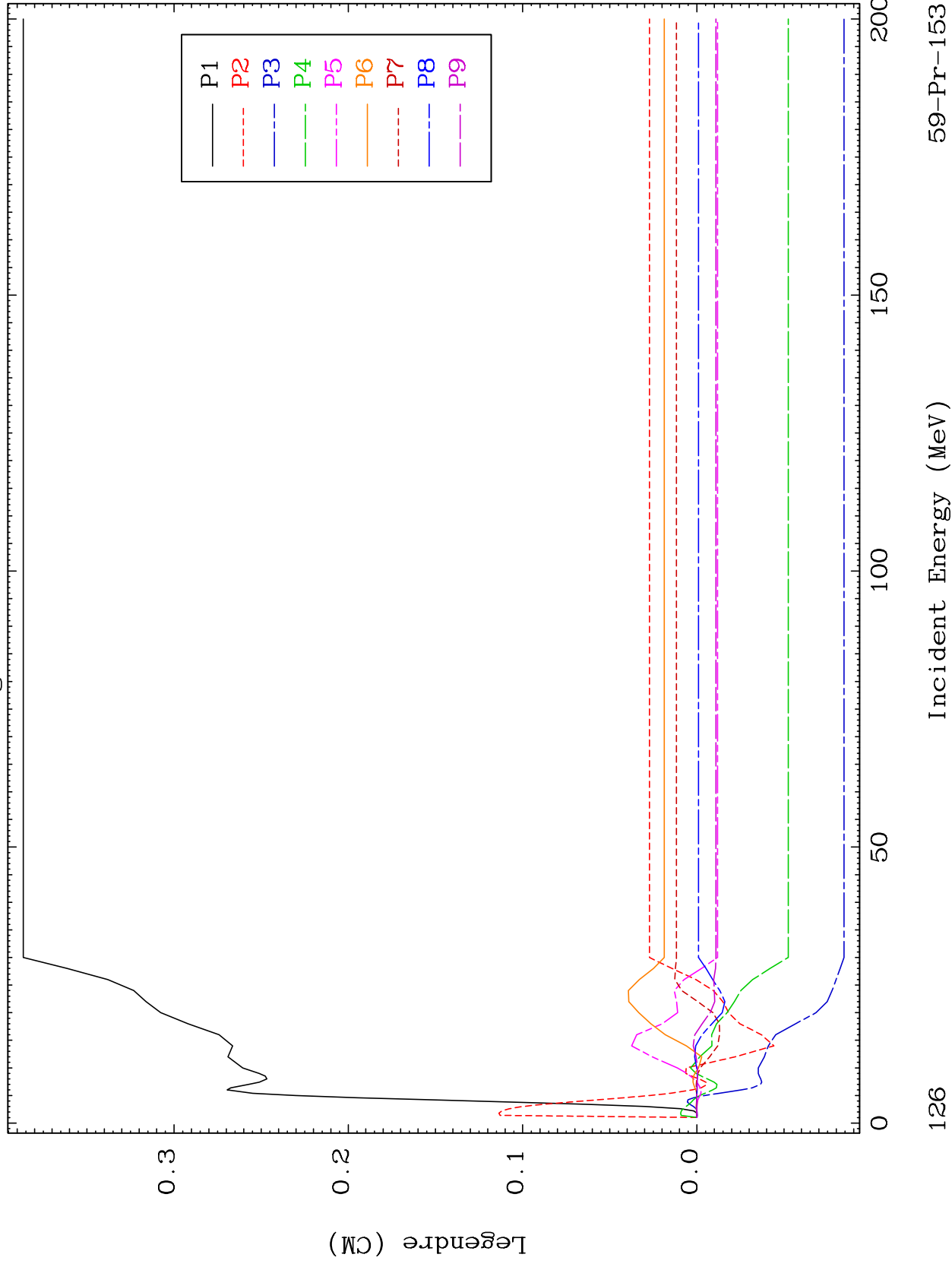


124

Incident Energy (MeV)

59-Pr-153

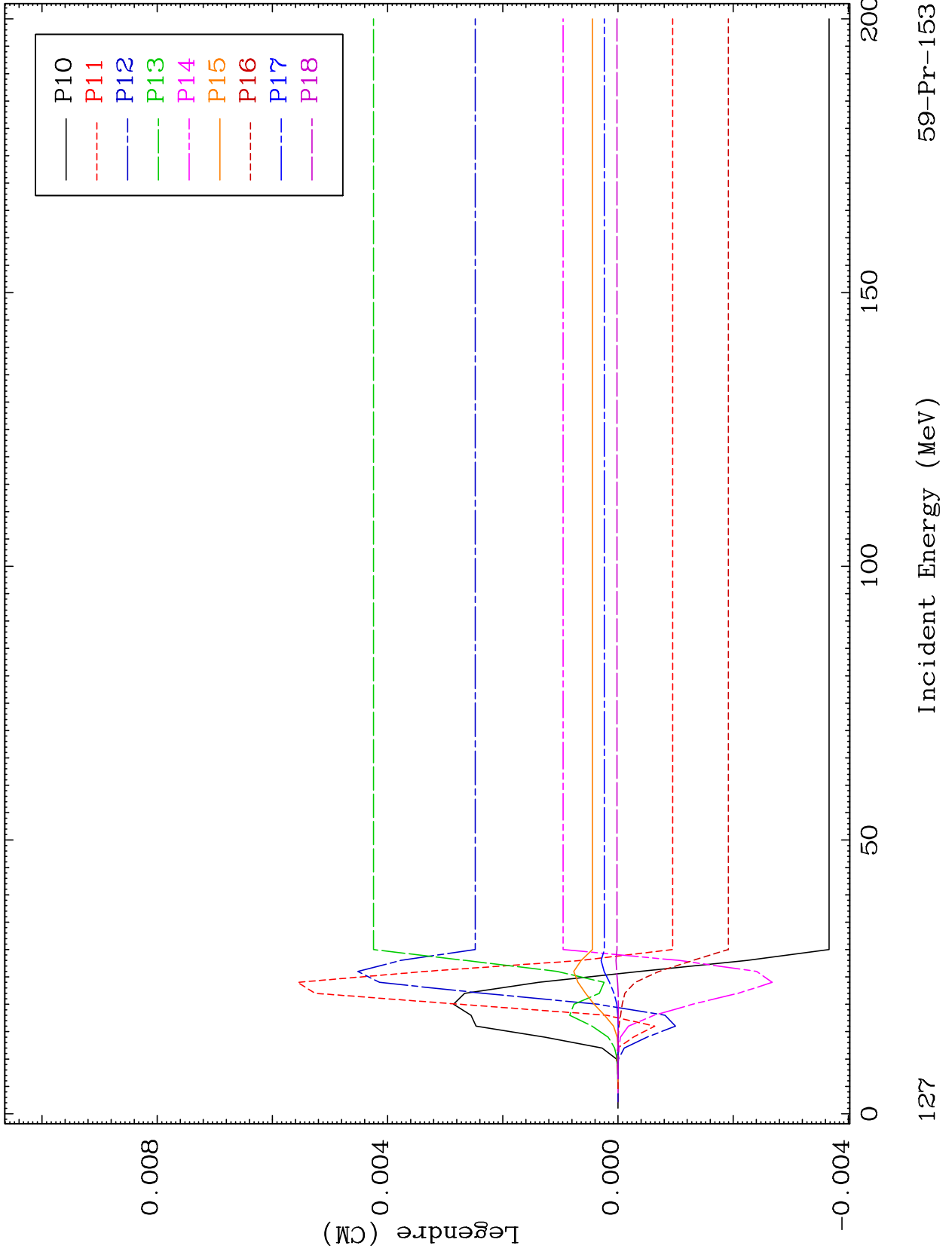




MAT 5961

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

59-Pr-153



127

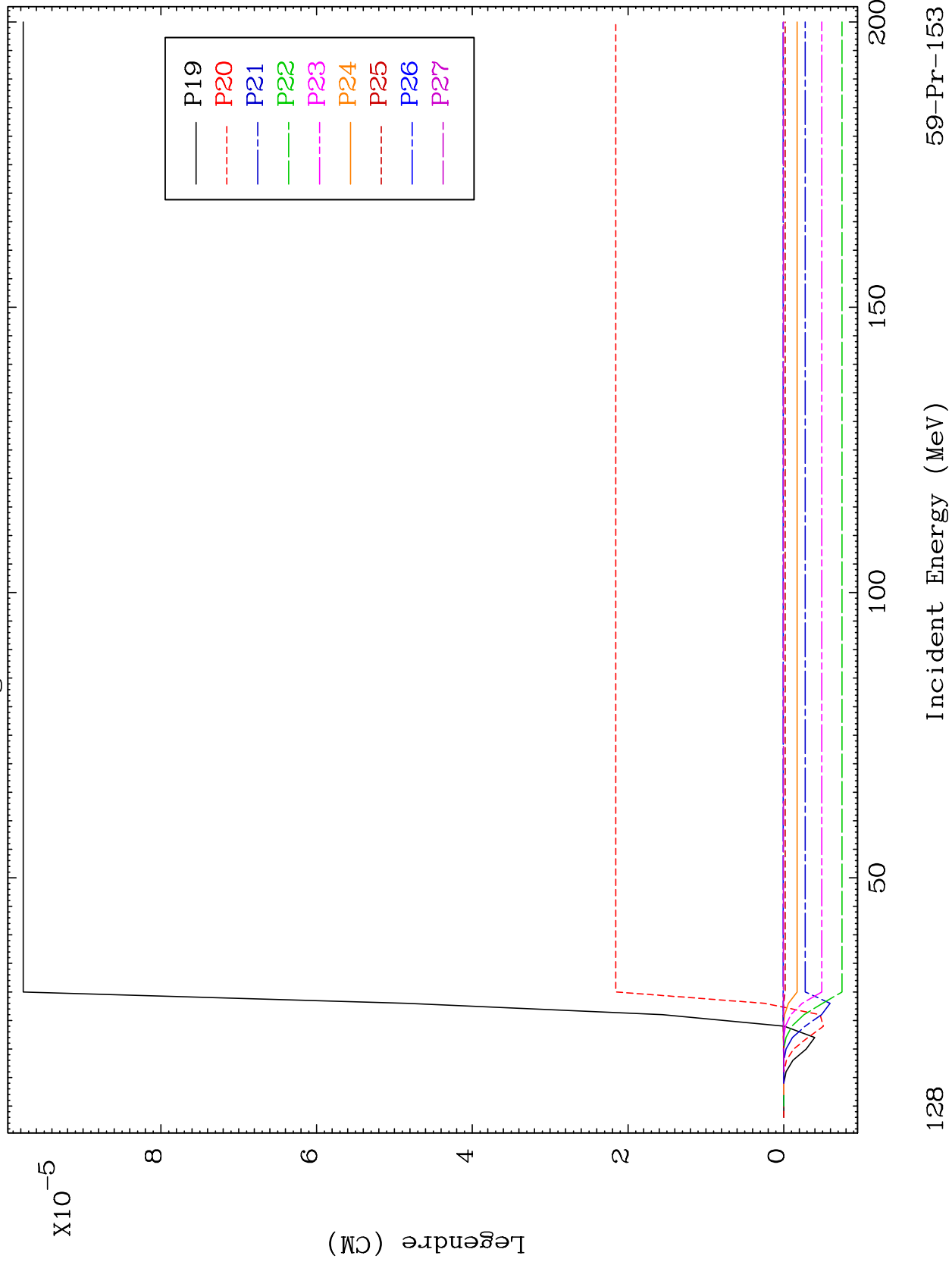
59-Pr-153



MAT 5961

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

59-Pr-153



128

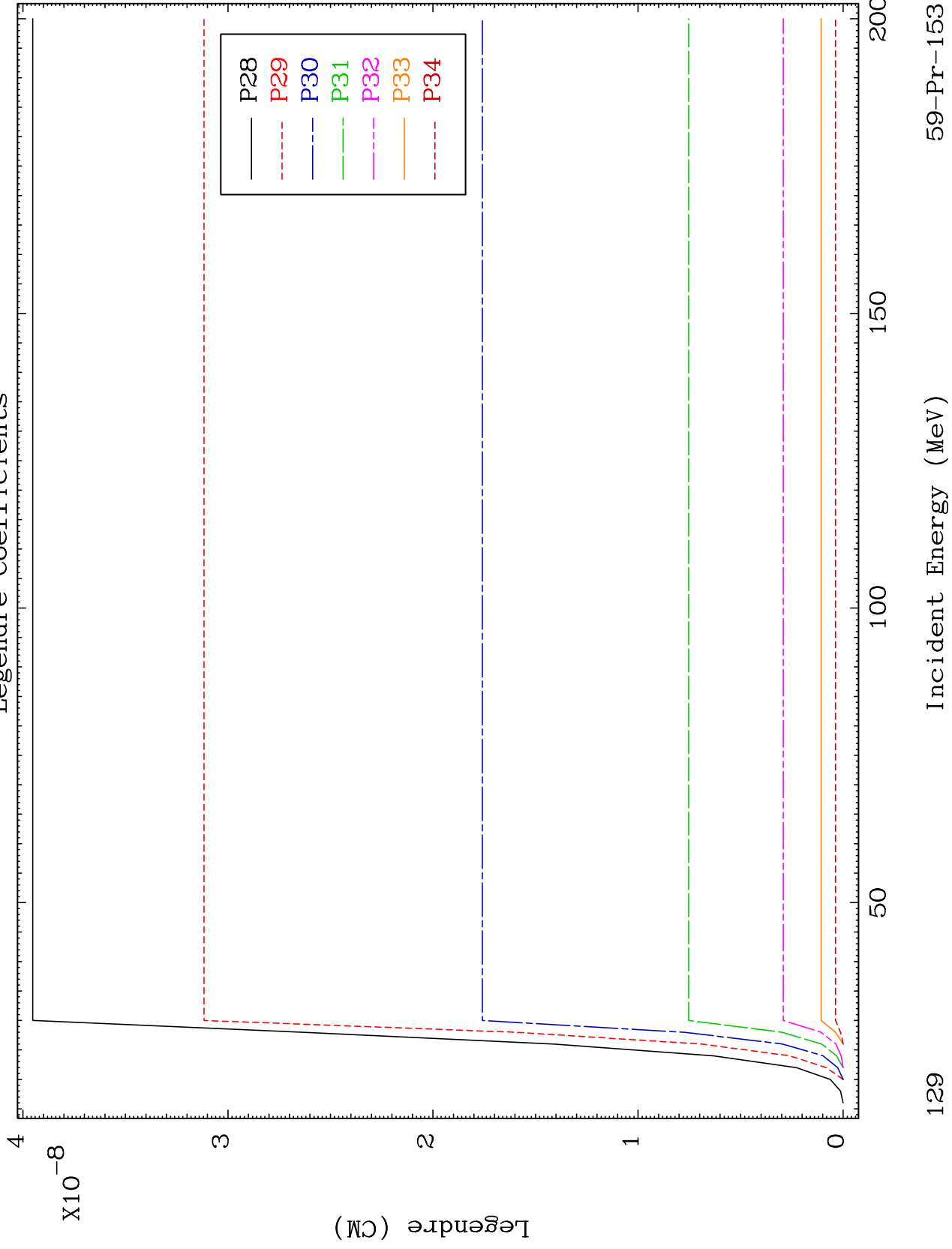
Incident Energy (MeV)

59-Pr-153

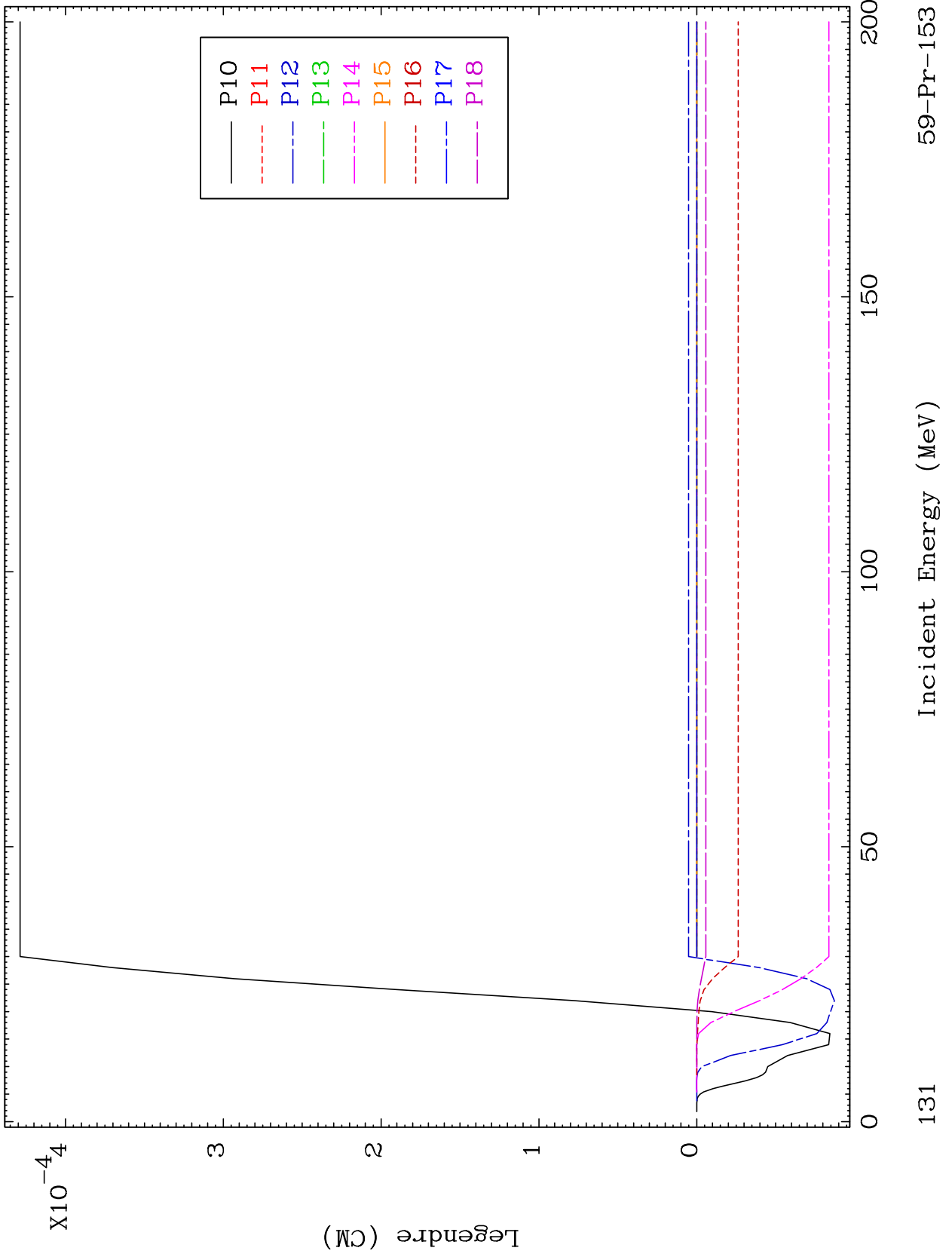
MAT 5961

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

59-Pr-153



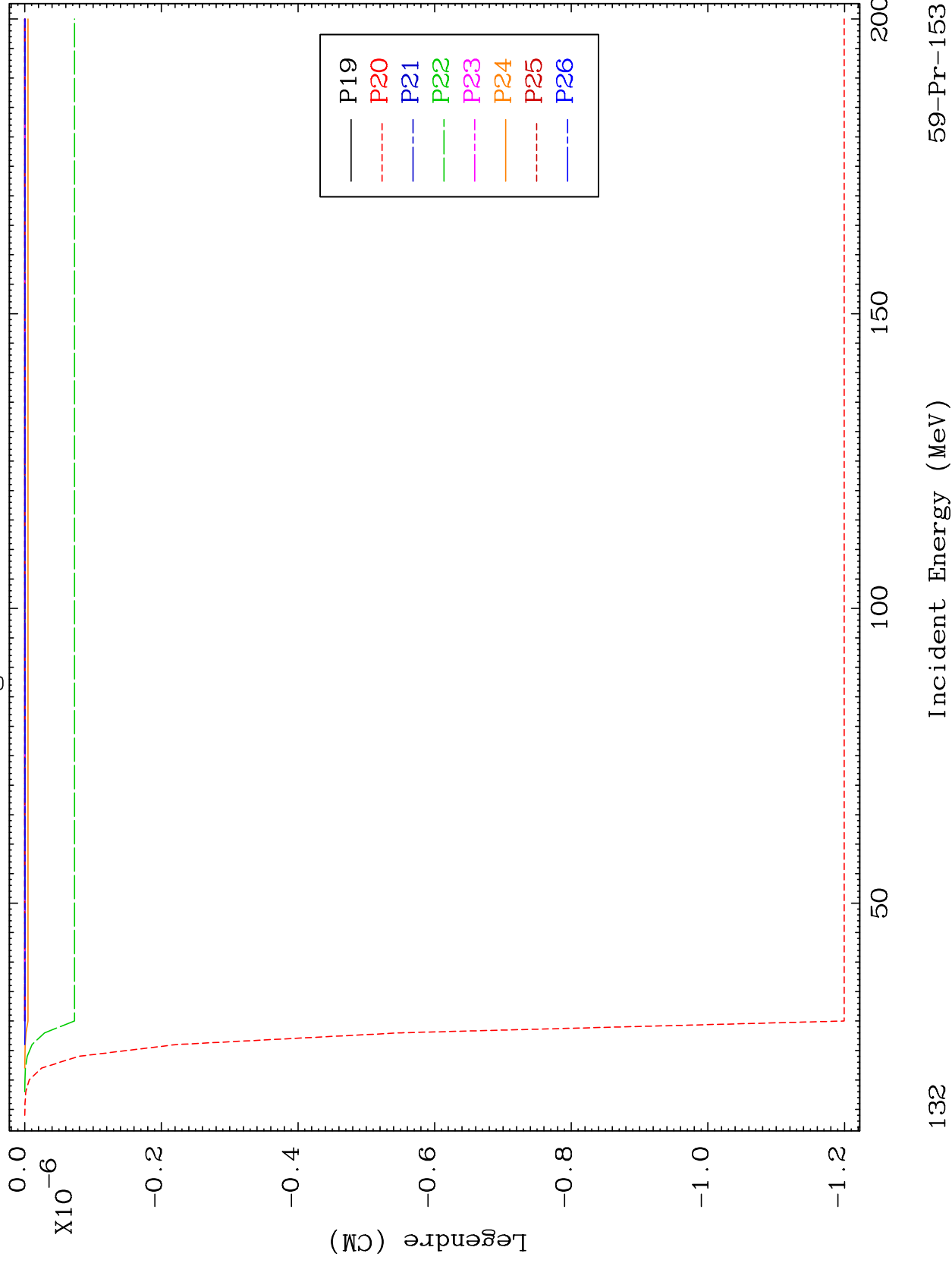




MAT 5961

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

59-Pr-153



132

Incident Energy (MeV)

59-Pr-153