

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

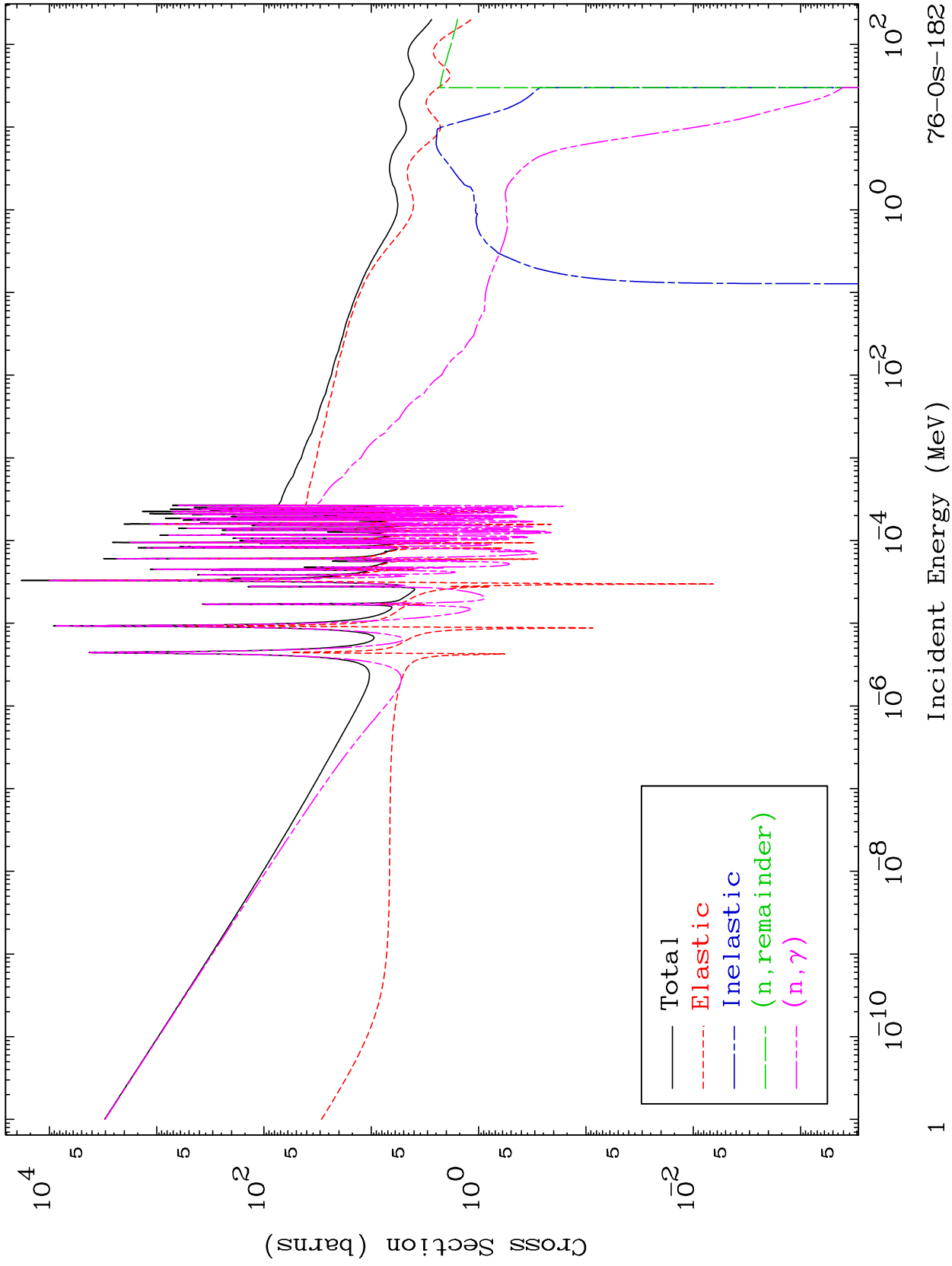
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7619

Major  
293 Kelvin Cross Sections

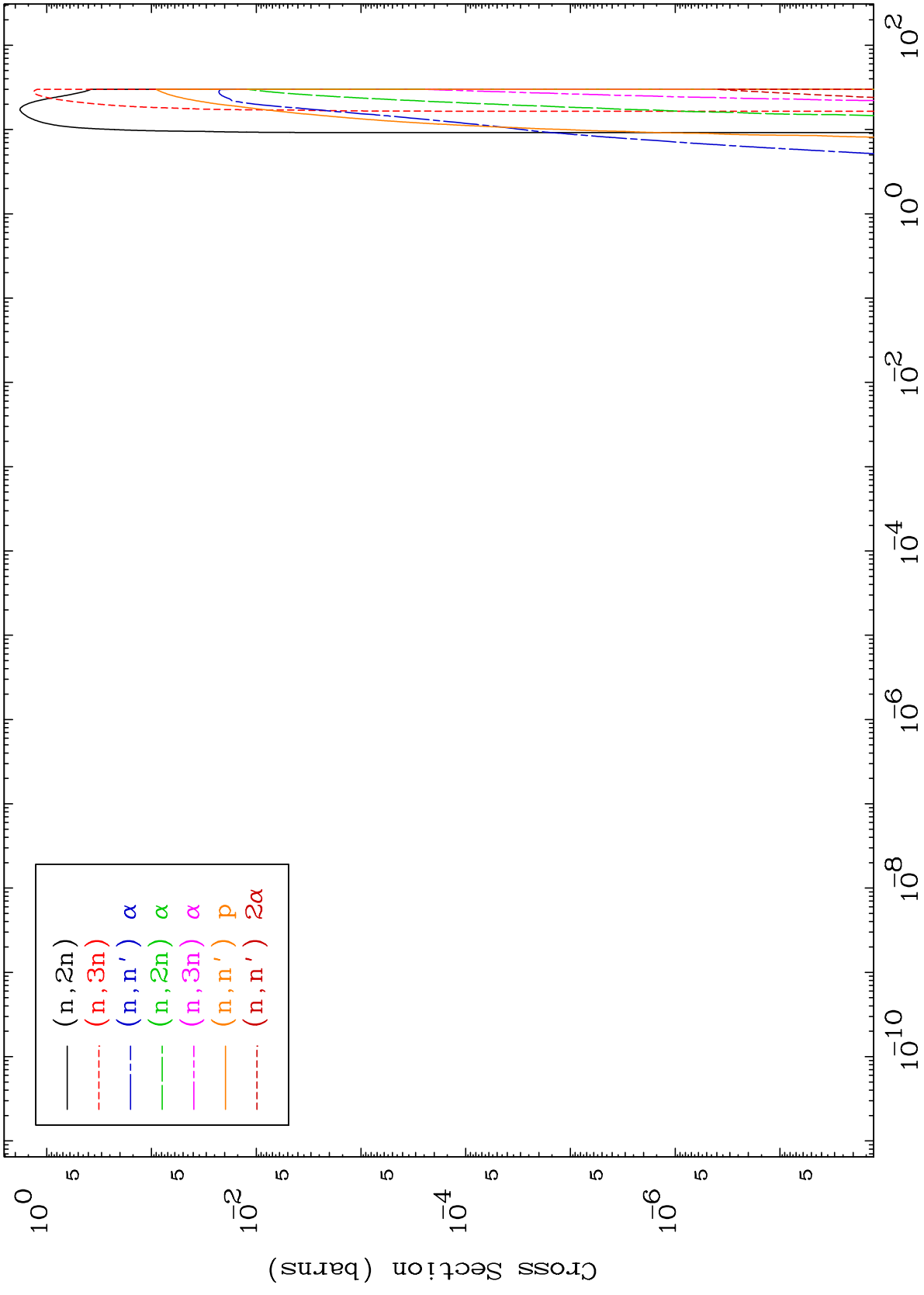
76-Os-182



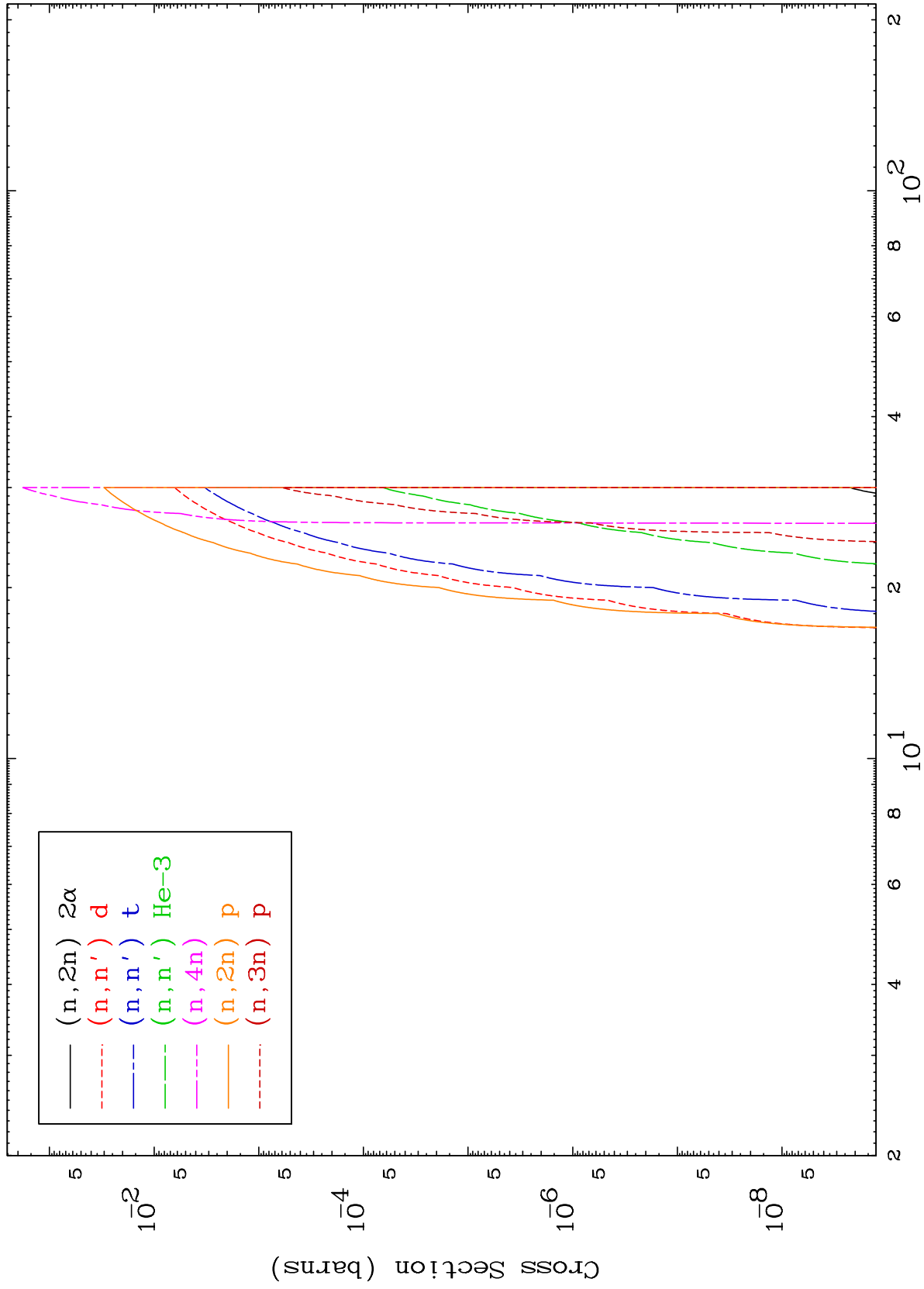
MAT 7619

Neutron Production  
293 Kelvin Cross Sections

76-Os-182



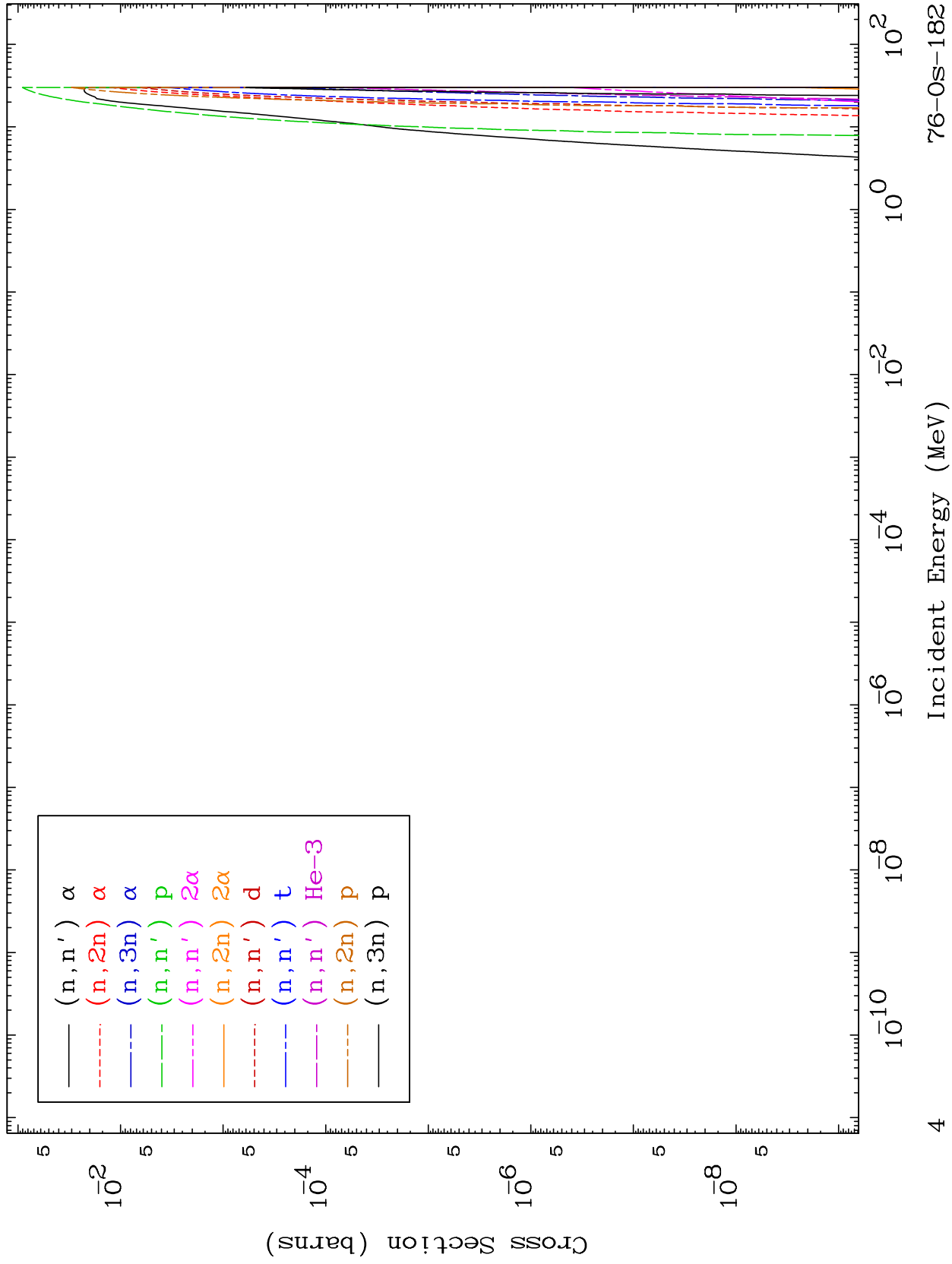
76-Os-182



MAT 7619

Charged Particle  
293 Kelvin Cross Sections

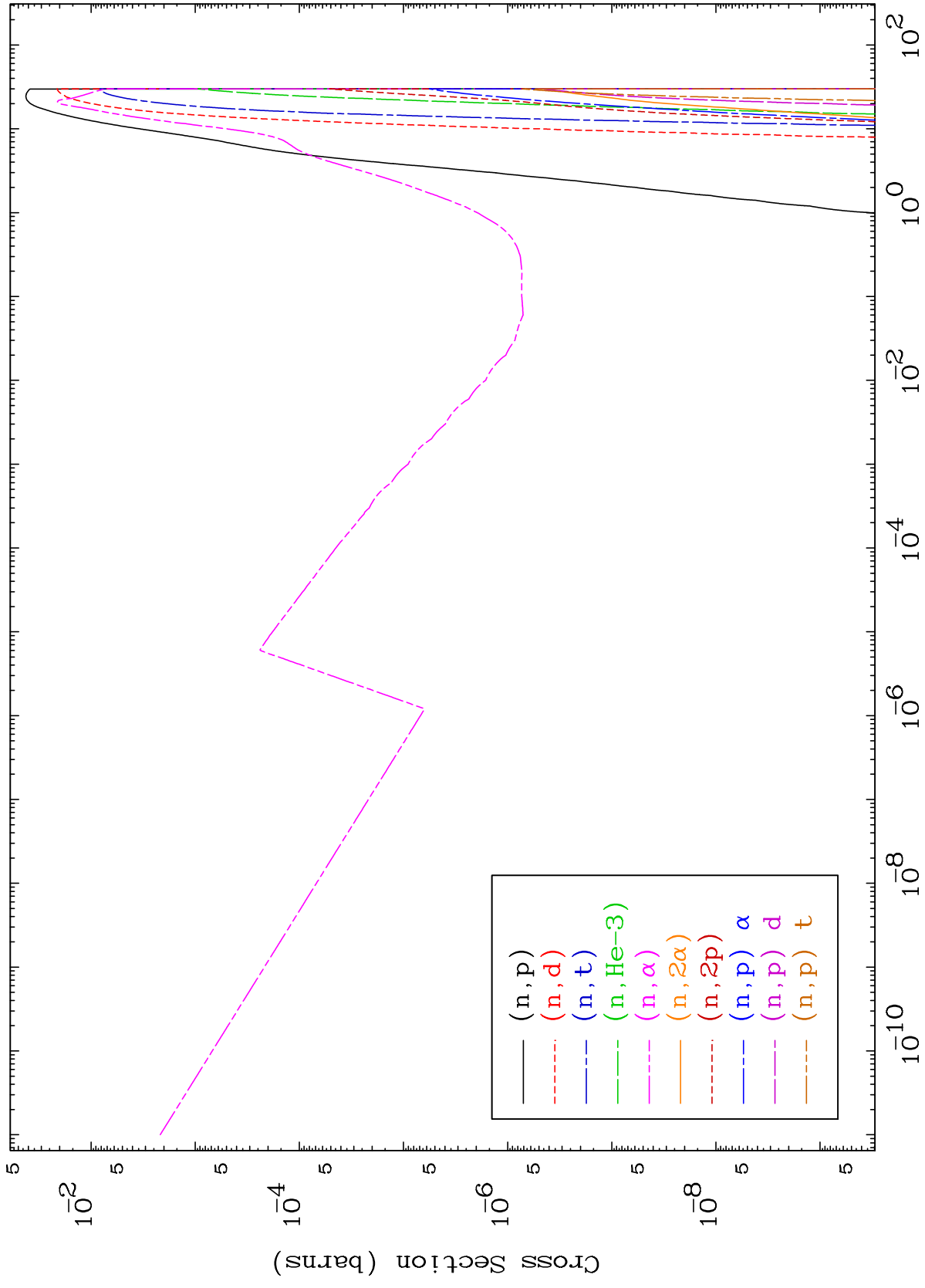
76-Os-182



MAT 7619

Charged Particle  
293 Kelvin Cross Sections

76-Os-182

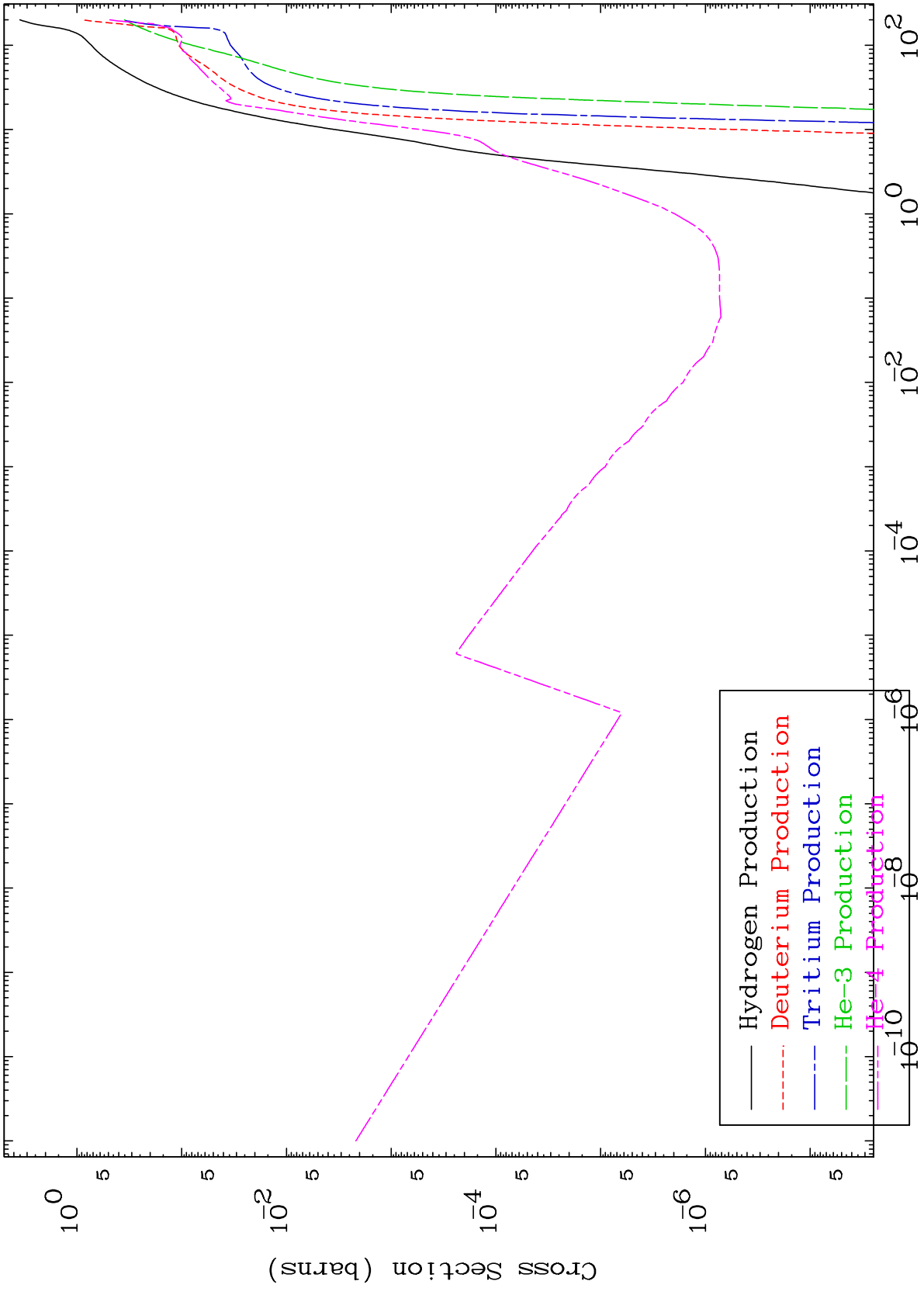


76-Os-182

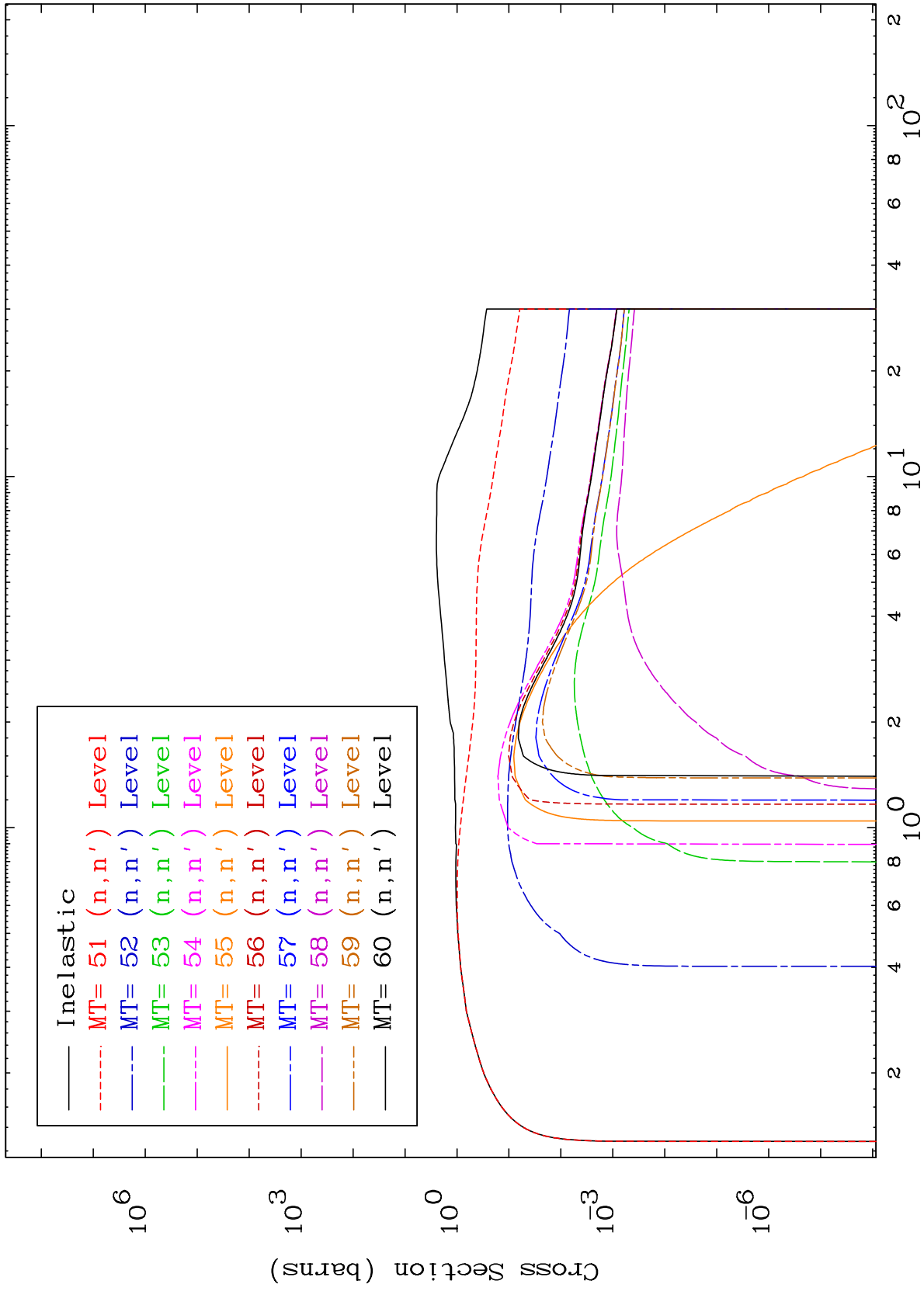
MAT 7619

Particle Production  
293 Kelvin Cross Sections

76-Os-182



76-Os-182



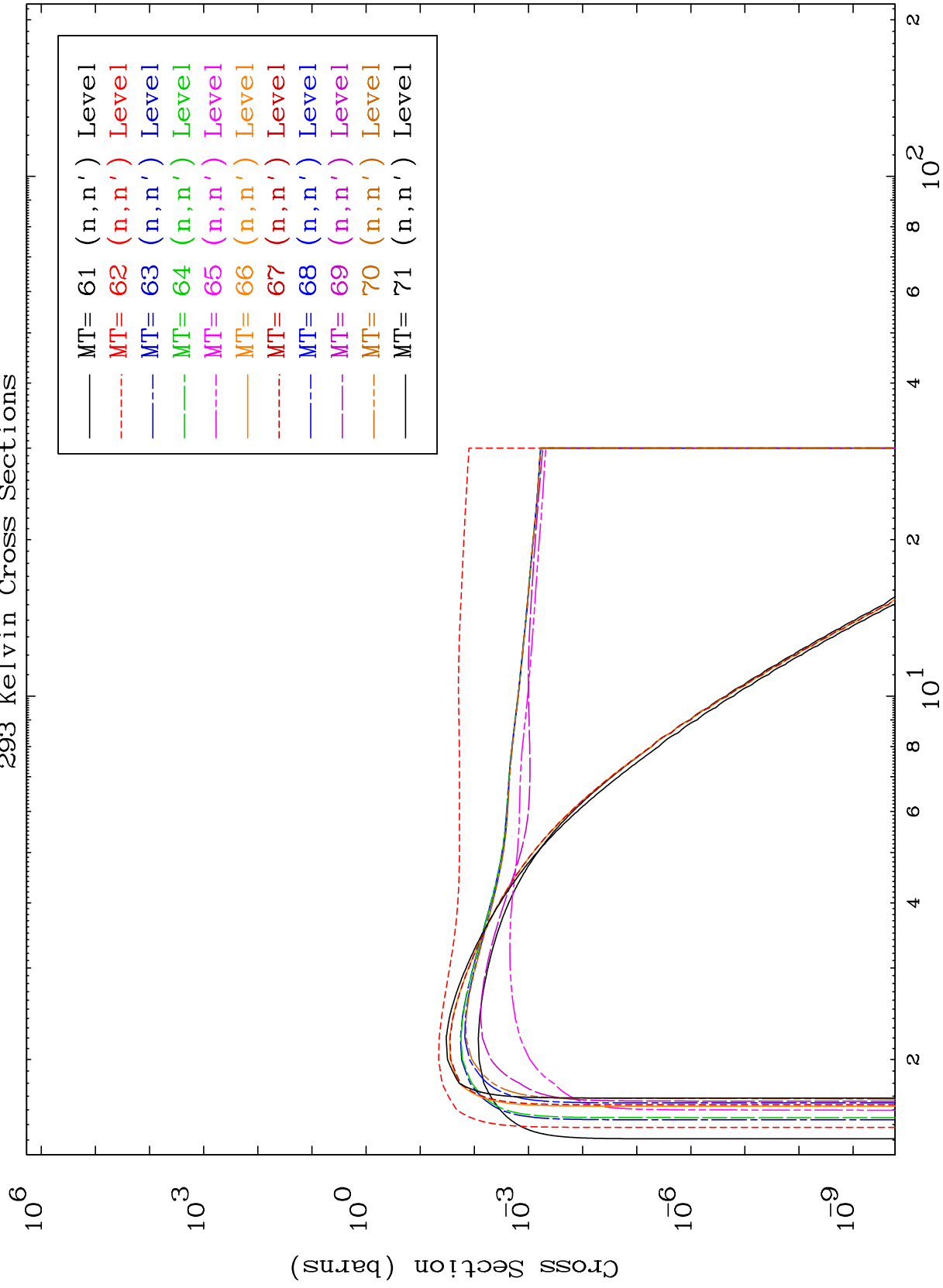


MAT 7619

(n,n') Level

293 Kelvin Cross Sections

76-Os-182



8

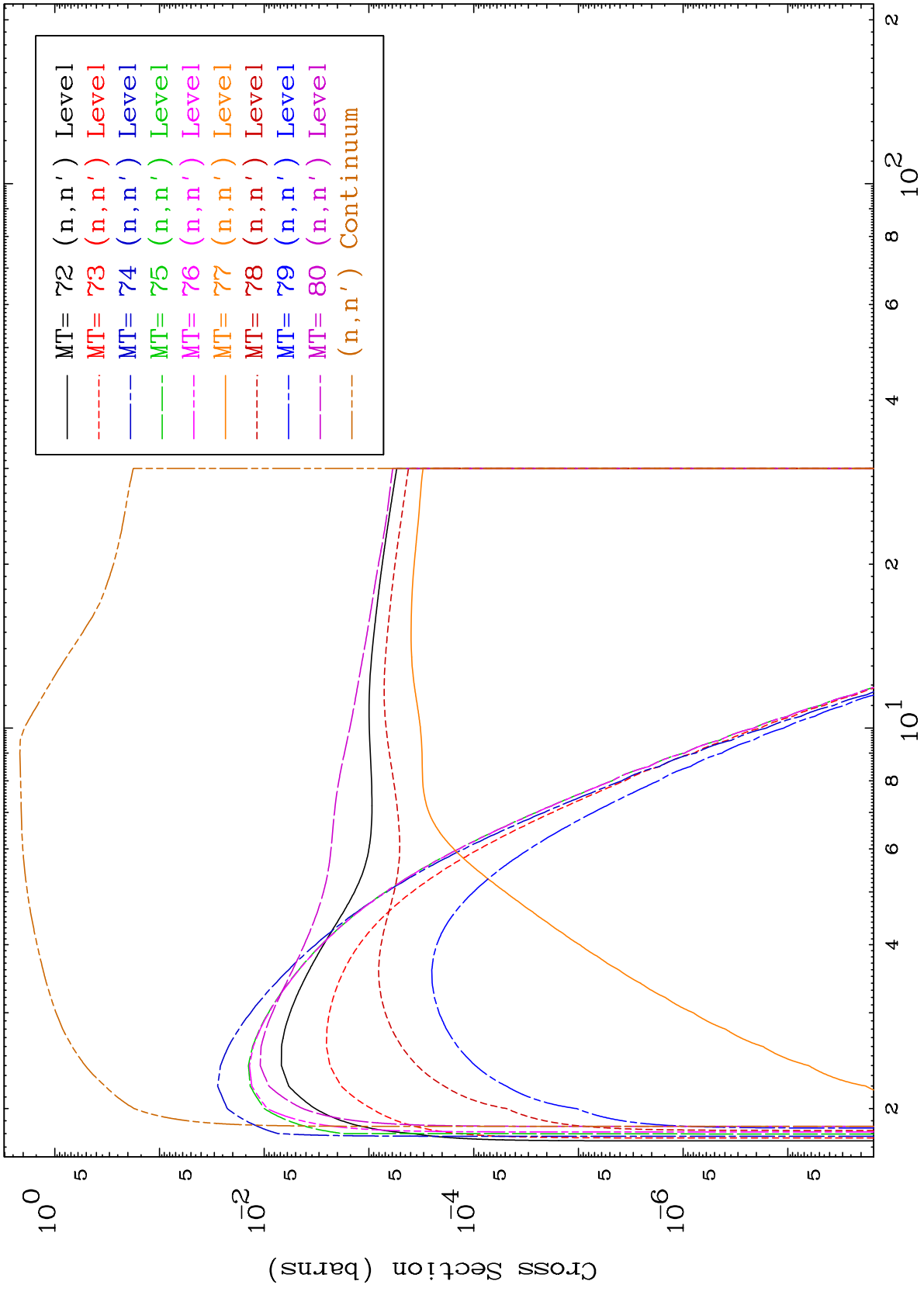
Incident Energy (MeV)

76-Os-182

MAT 7619

(n,n') Level  
293 Kelvin Cross Sections

76-Os-182



9

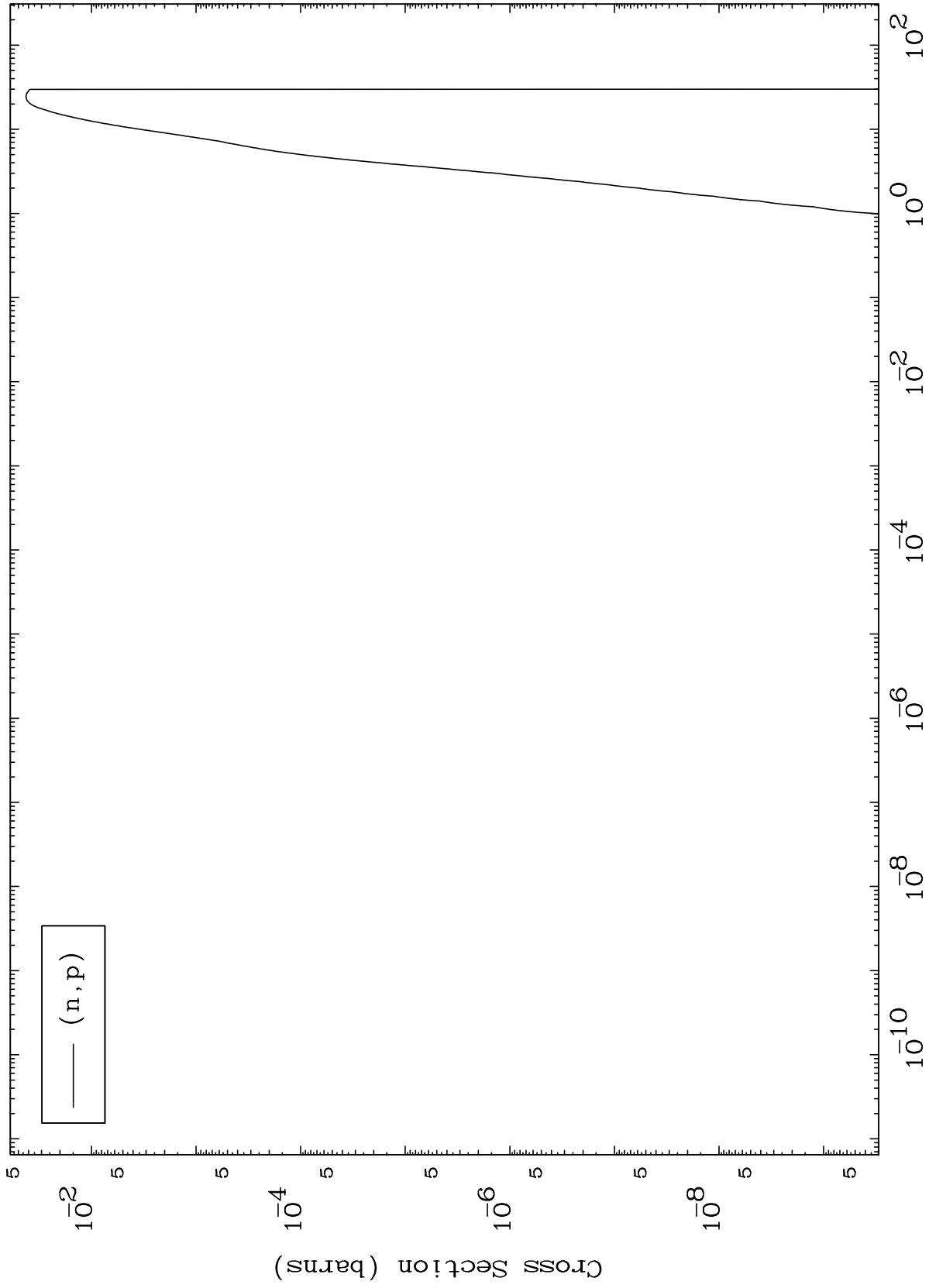
Incident Energy (MeV)

76-Os-182

MAT 7619

(n,p) Levels  
293 Kelvin Cross Sections

76-Os-182



10

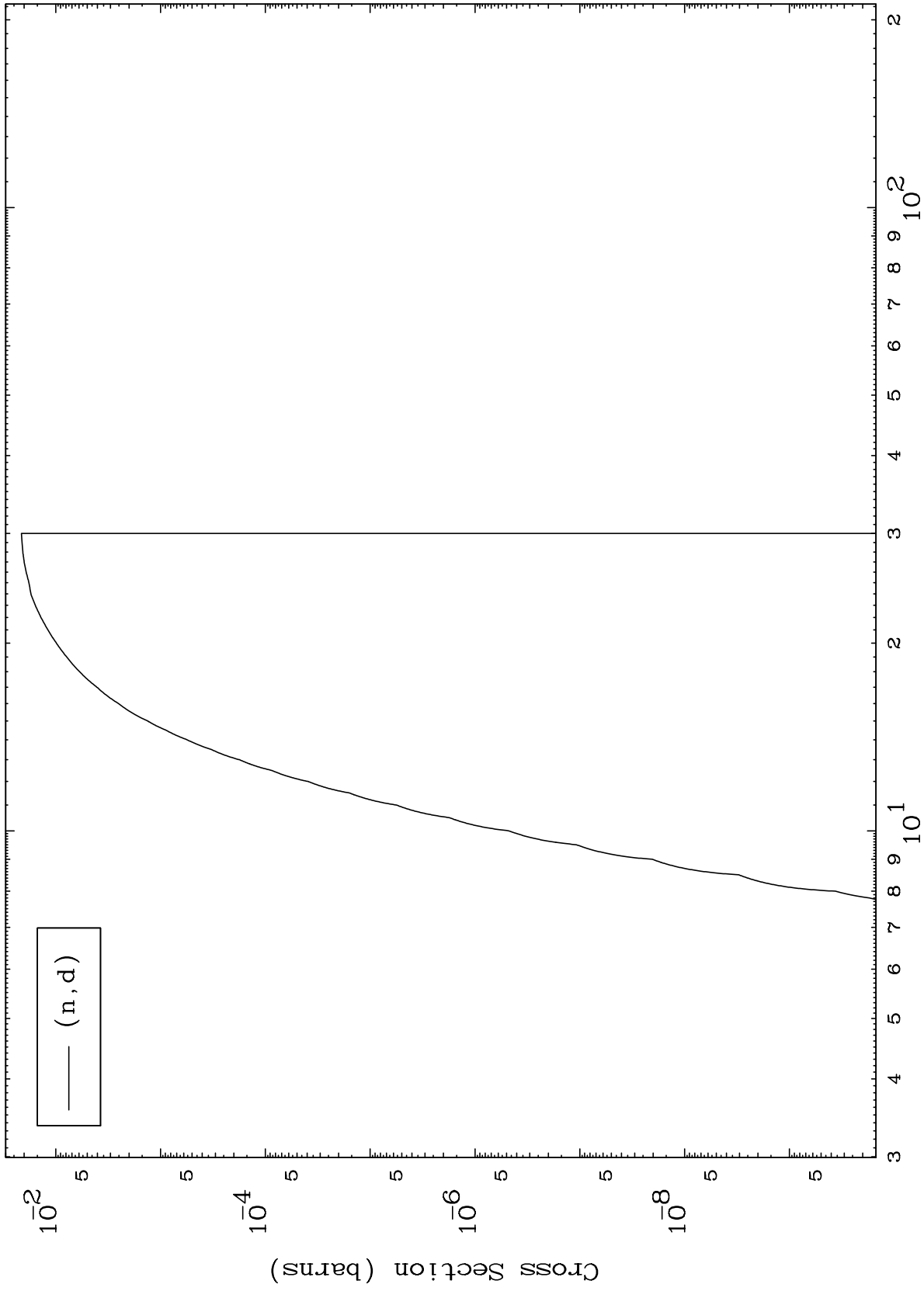
Incident Energy (MeV)

76-Os-182

MAT 7619

(n,d) Levels  
293 Kelvin Cross Sections

76-0s-182



11

Incident Energy (MeV)

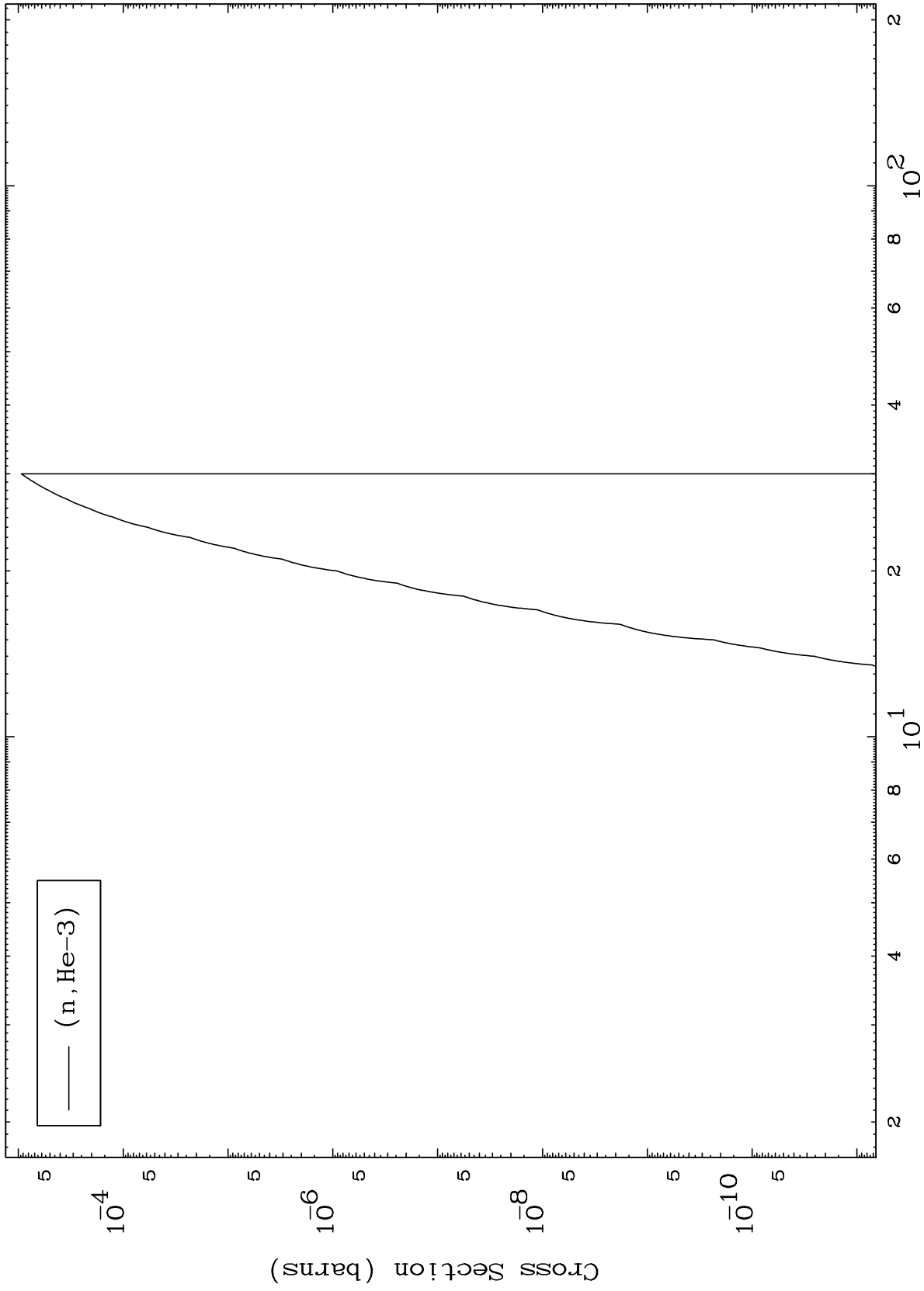
76-0s-182



MAT 7619

(n,He3) Levels  
293 Kelvin Cross Sections

76-Os-182



13

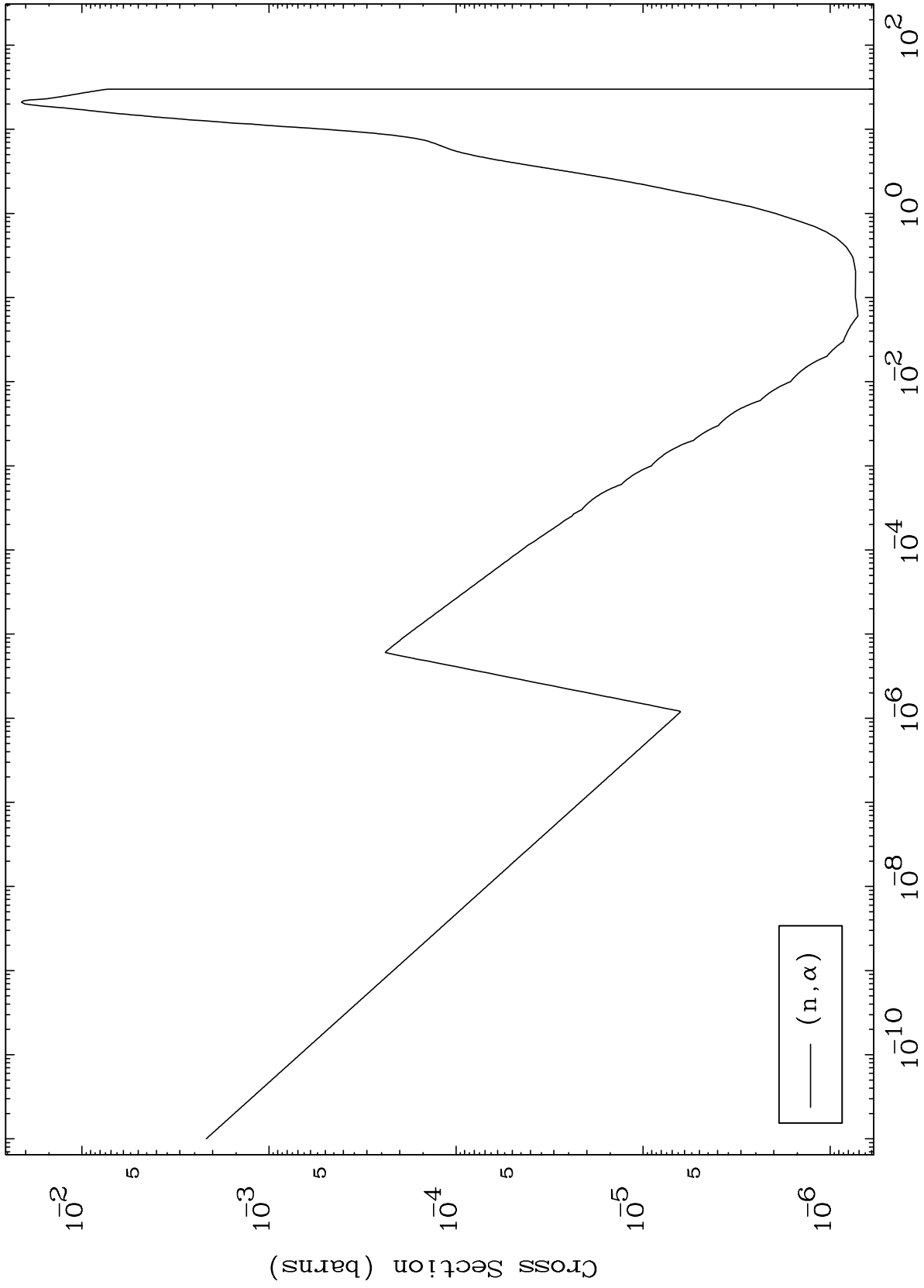
Incident Energy (MeV)

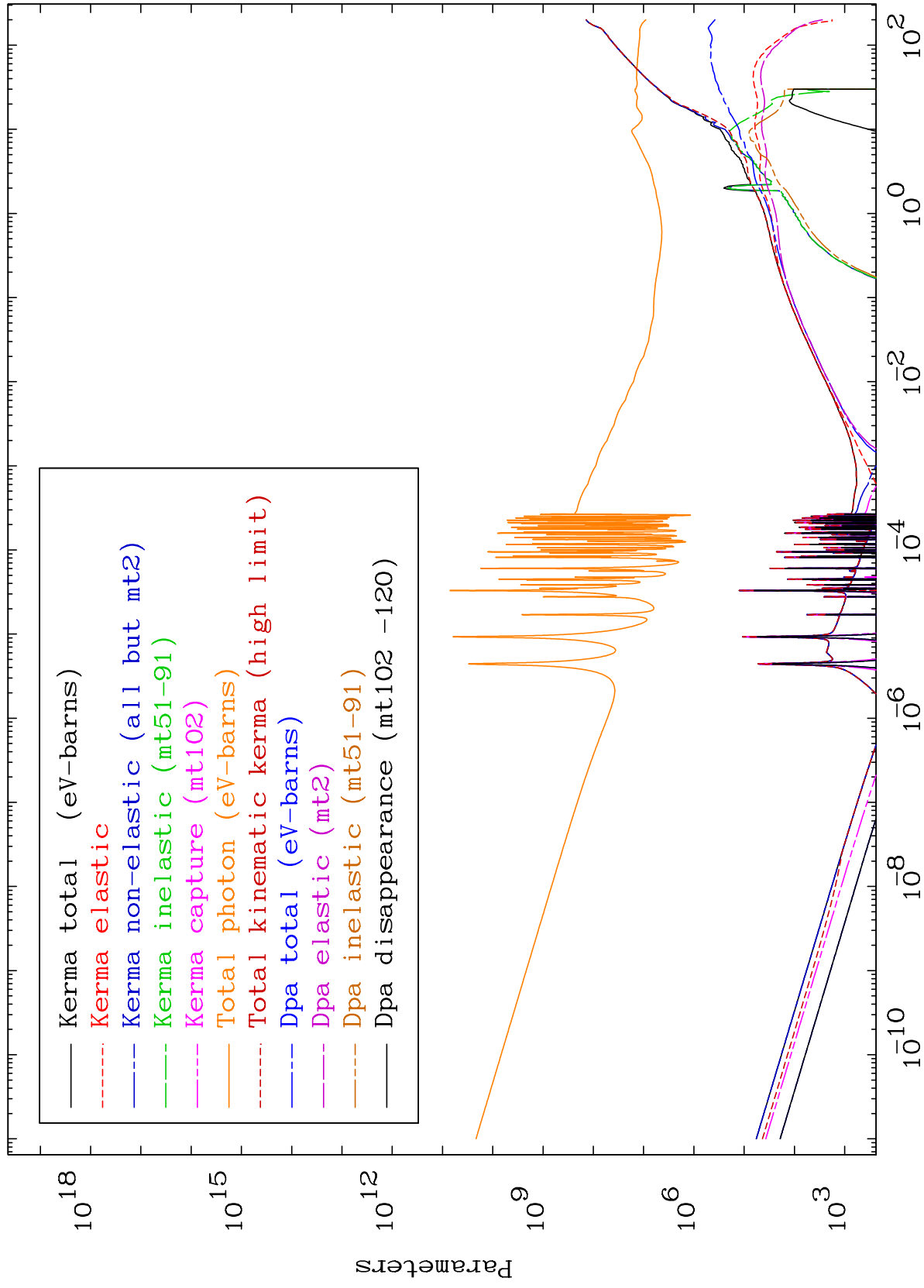
76-Os-182

MAT 7619

(n,α) Levels  
293 Kelvin Cross Sections

76-Os-182





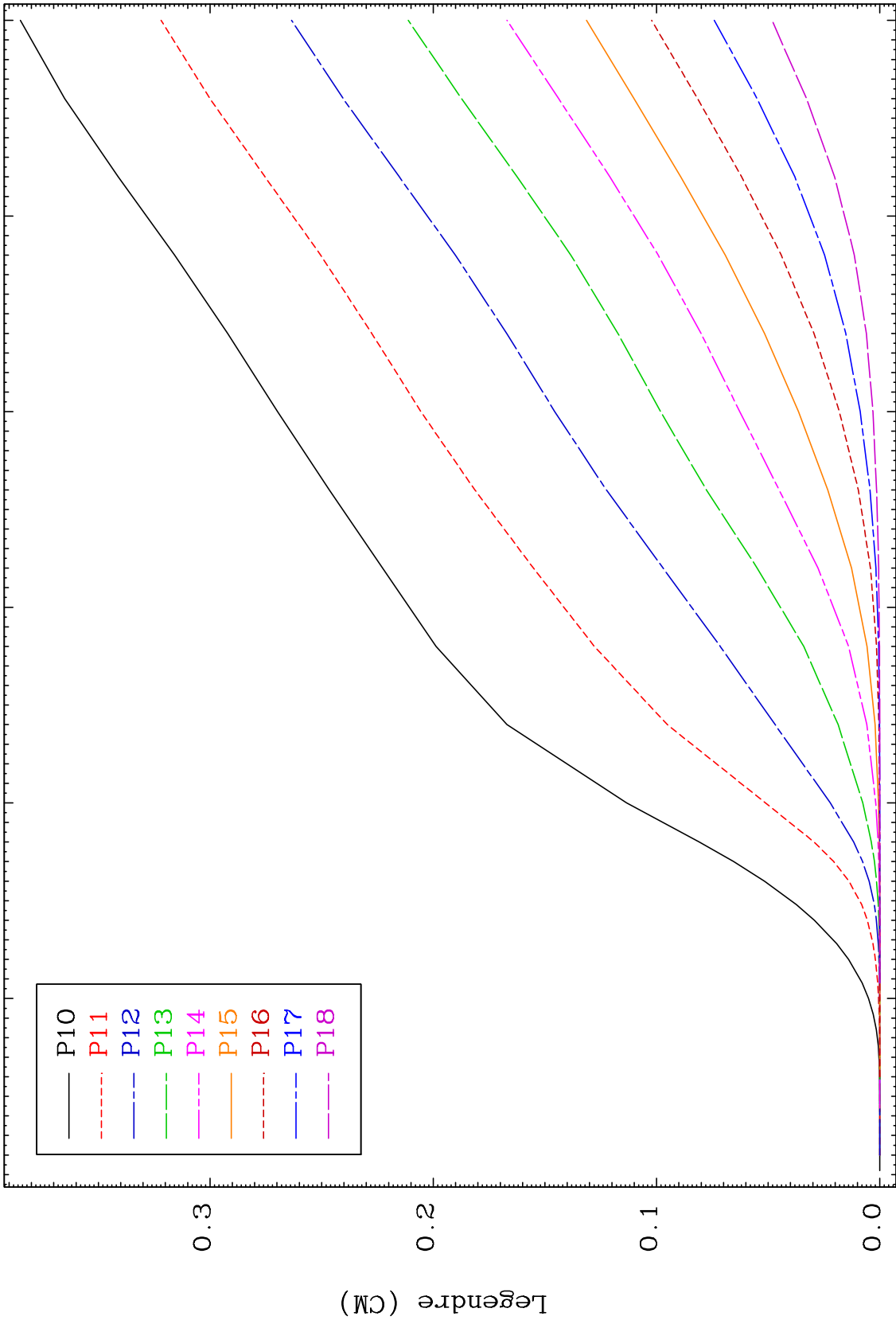




MAT 7619

Elastic Legendre Coefficients

76-Os-182



17

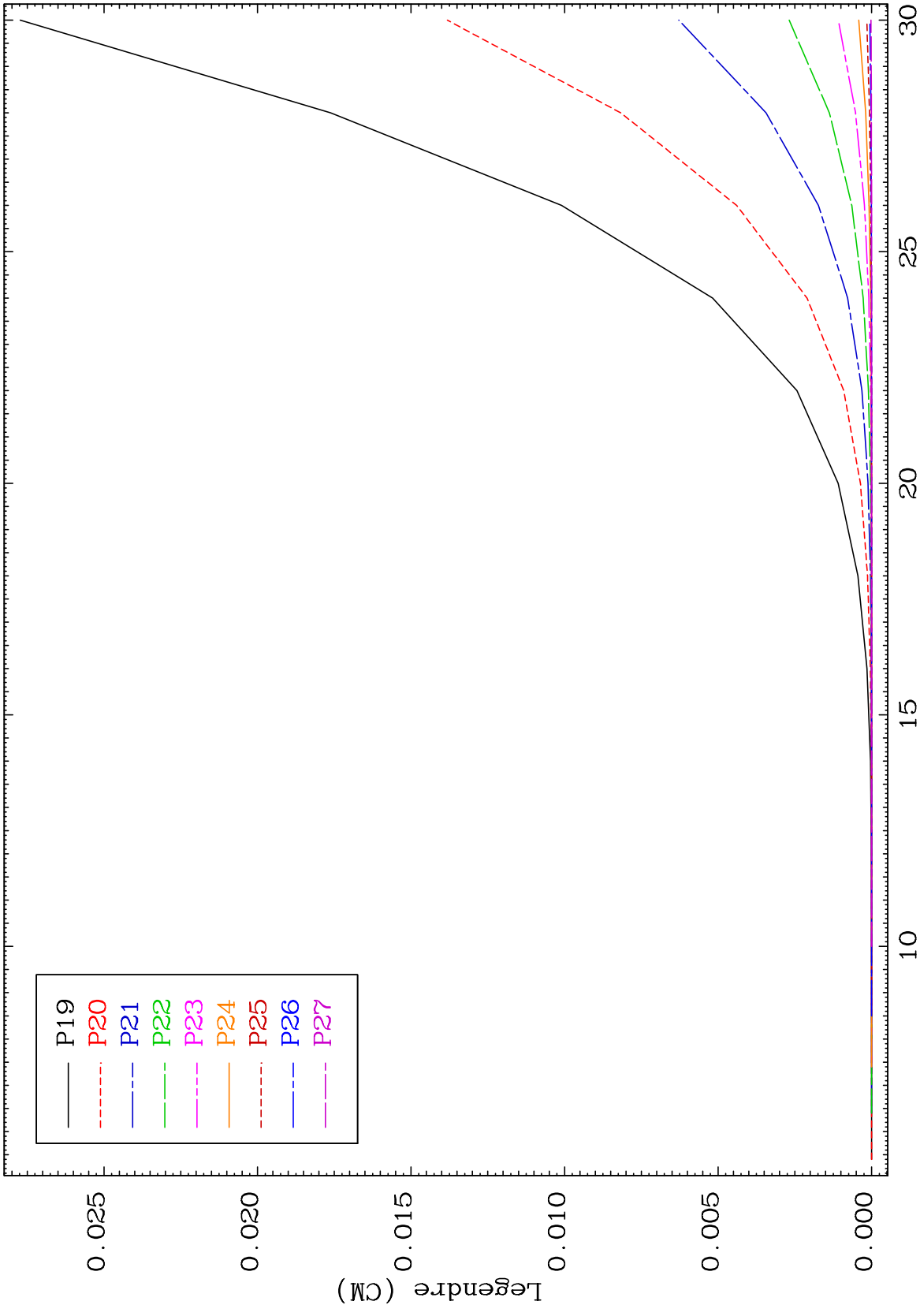
Incident Energy (MeV)

76-Os-182

MAT 7619

### Elastic Legendre Coefficients

76-Os-182



18

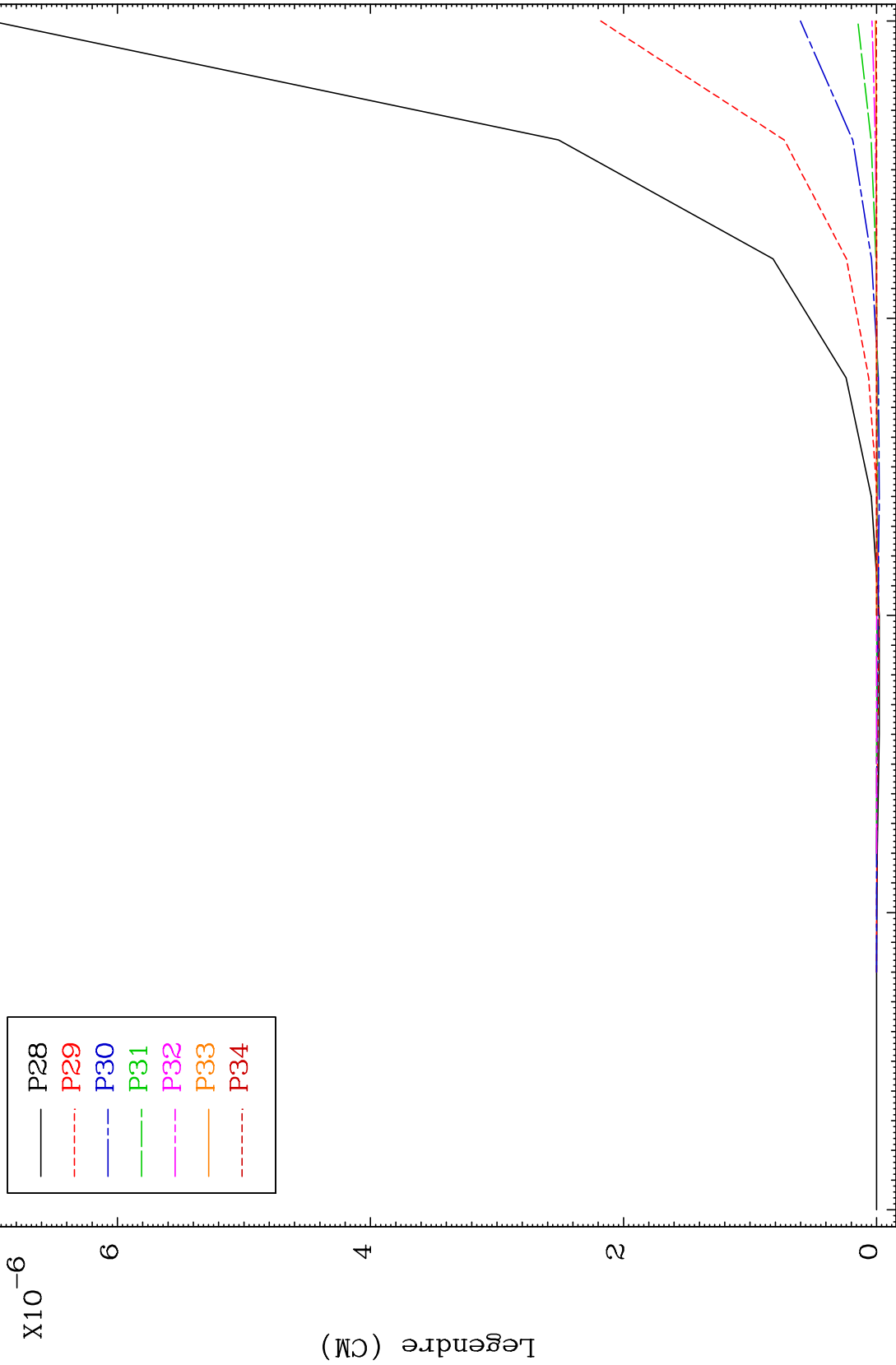
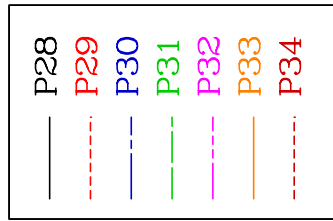
Incident Energy (MeV)

76-Os-182

MAT 7619

Elastic Legendre Coefficients

76-0s-182



19

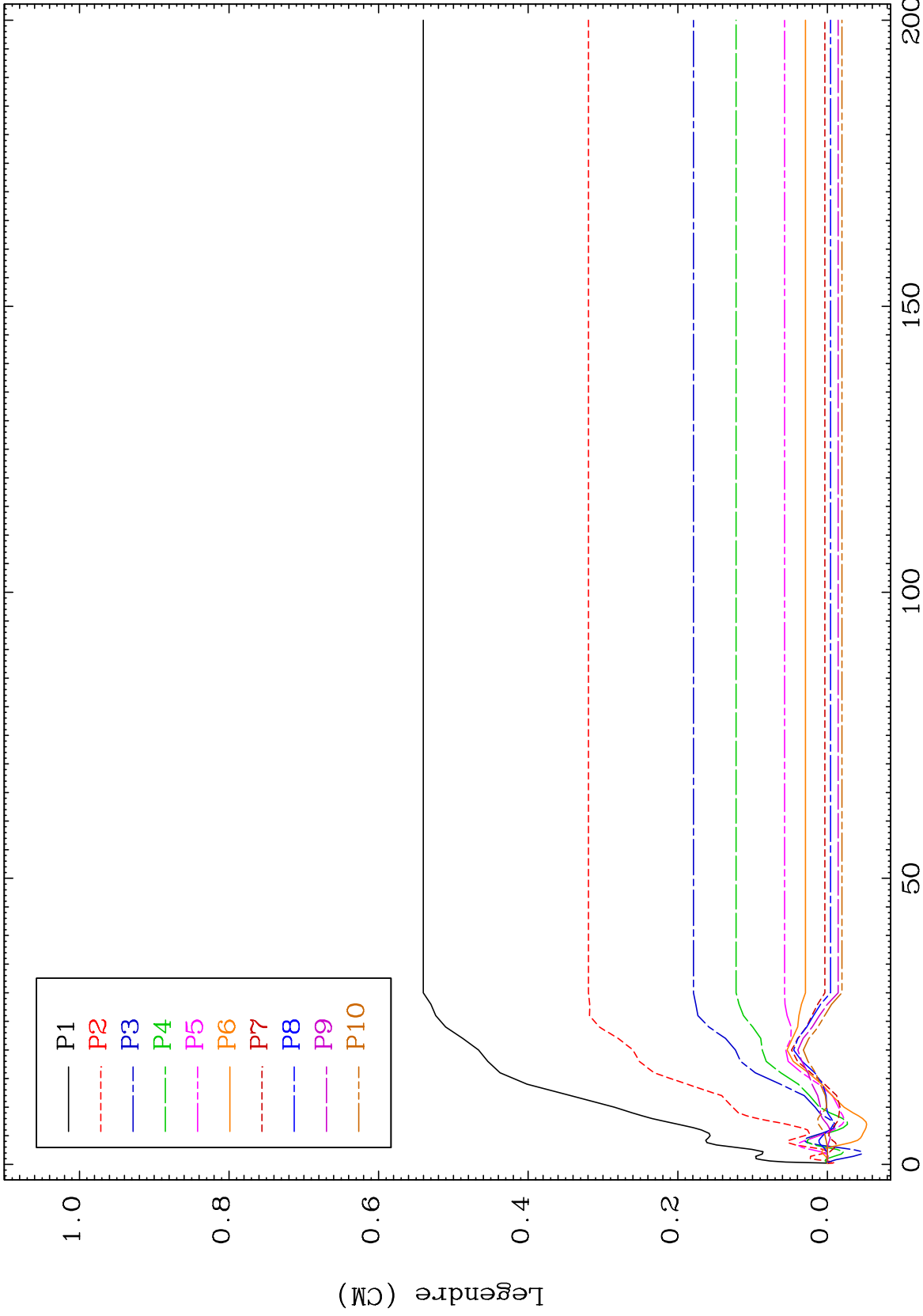
Incident Energy (MeV)

76-0s-182

MAT 7619

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

76-Os-182



20

Incident Energy (MeV)

50

76-Os-182

100

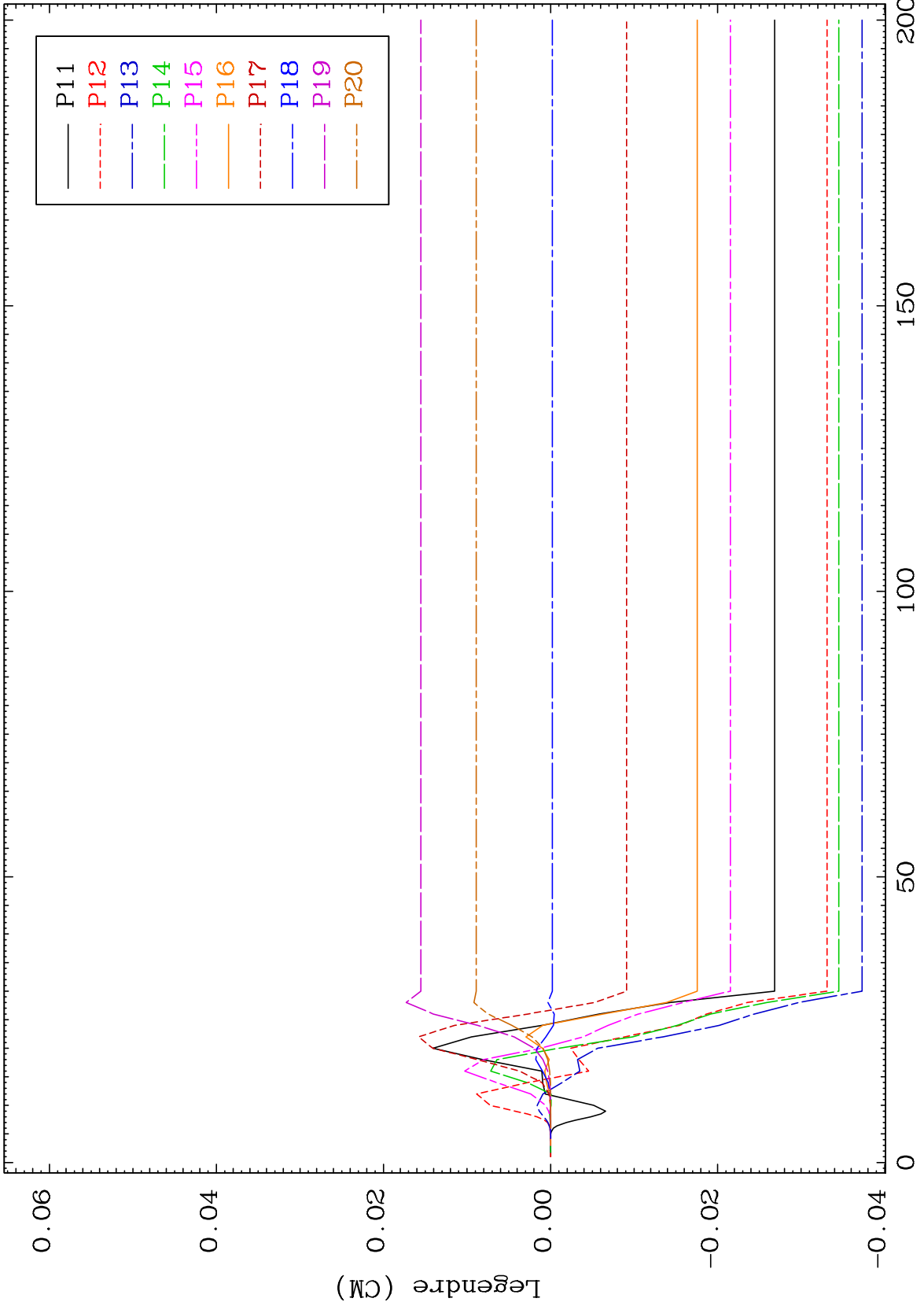
150

200

MAT 7619

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

76-Os-182



21

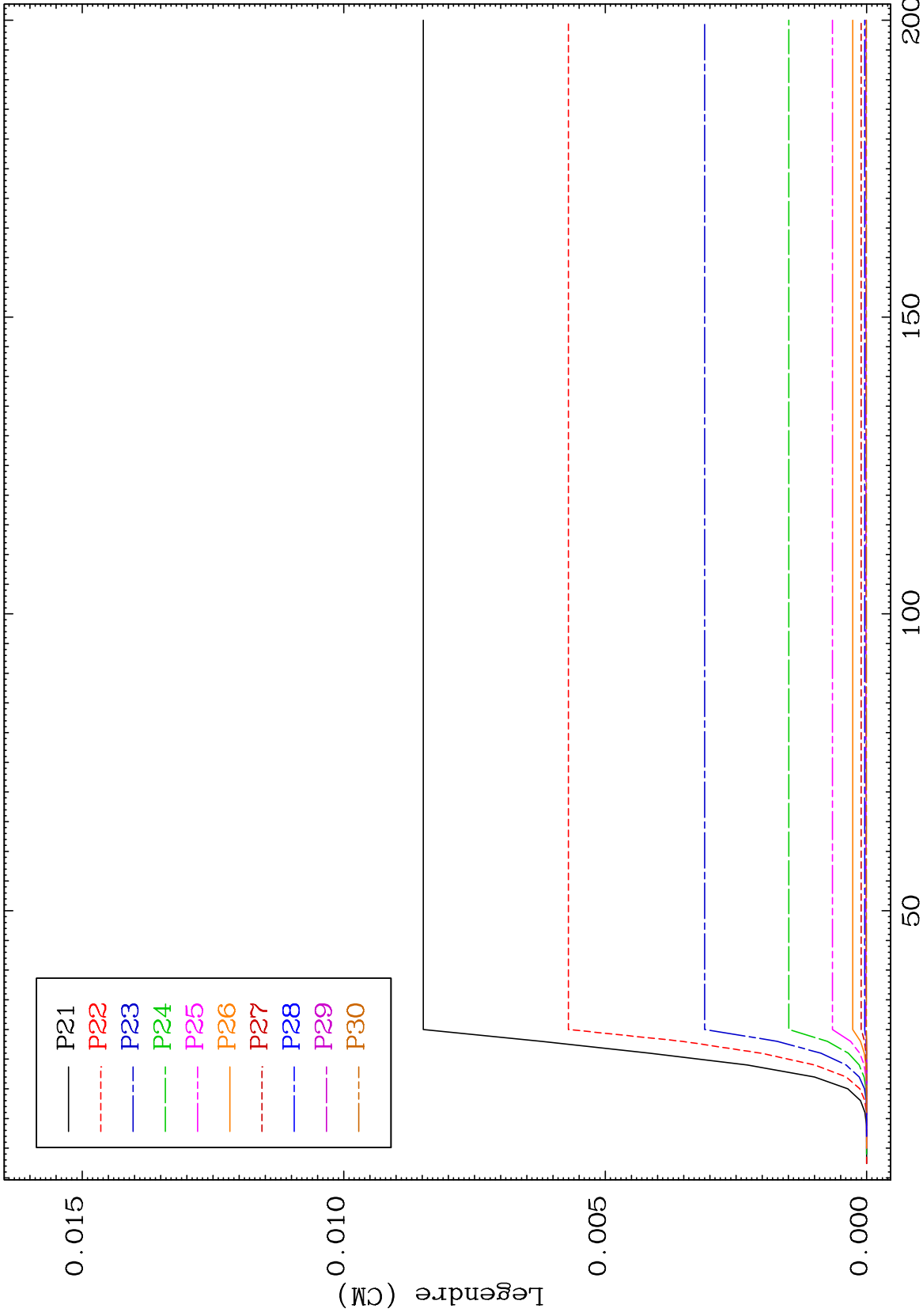
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-0s-182



22

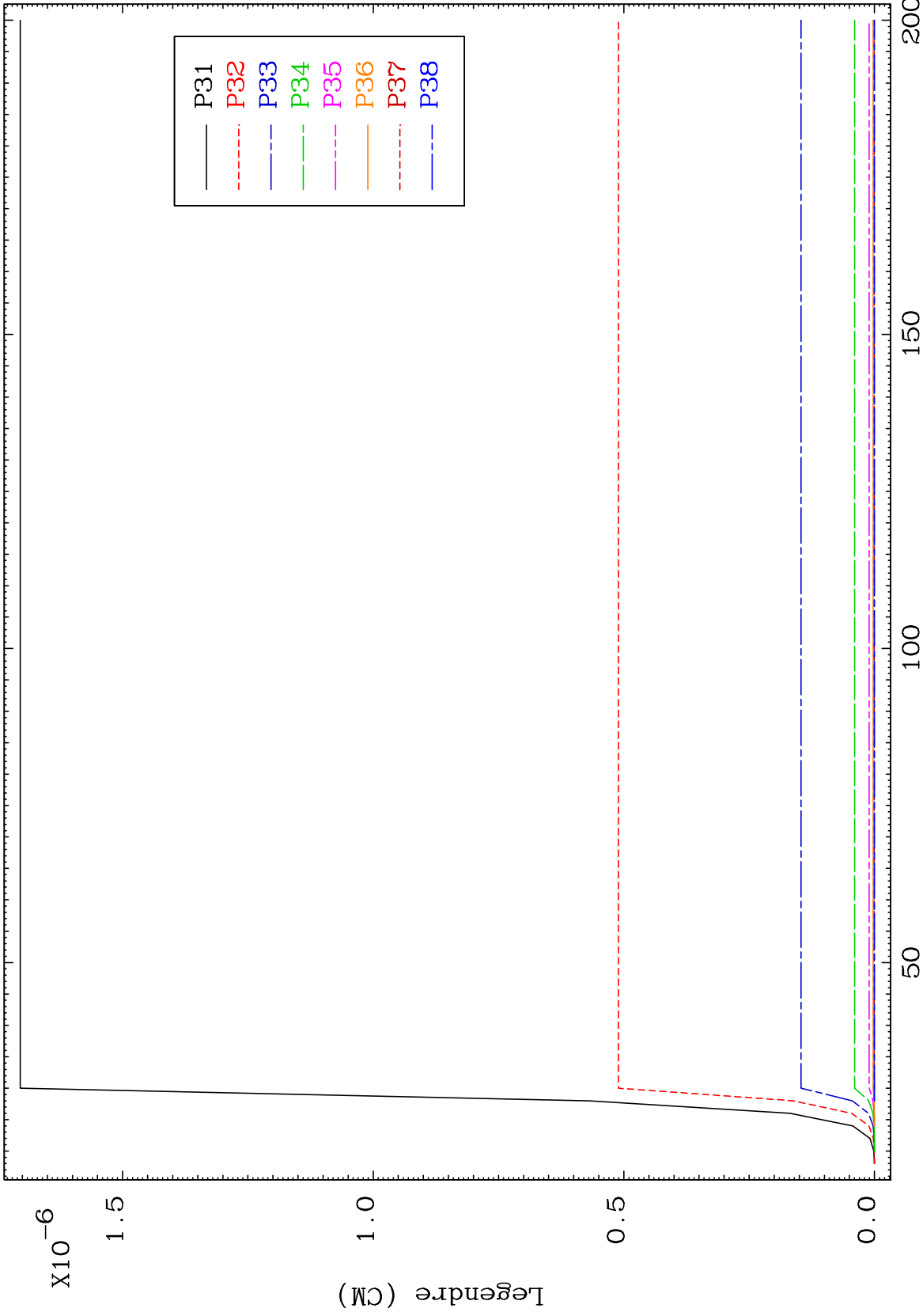
Incident Energy (MeV)

76-0s-182

MAT 7619

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

76-Os-182

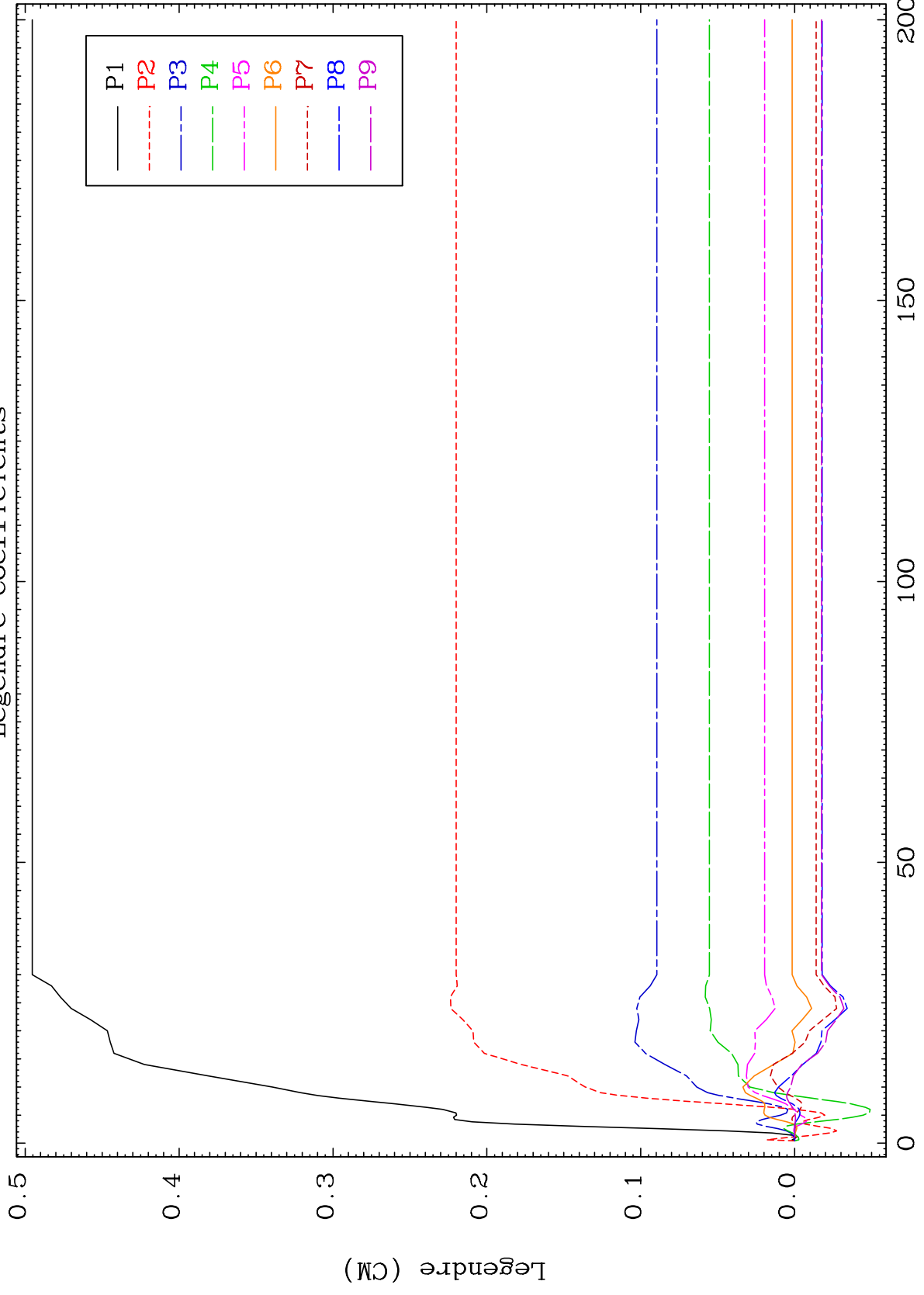


23

76-Os-182



MAT 7619 MT= 52 (n,n') Level Legendre Coefficients 76-Os-182

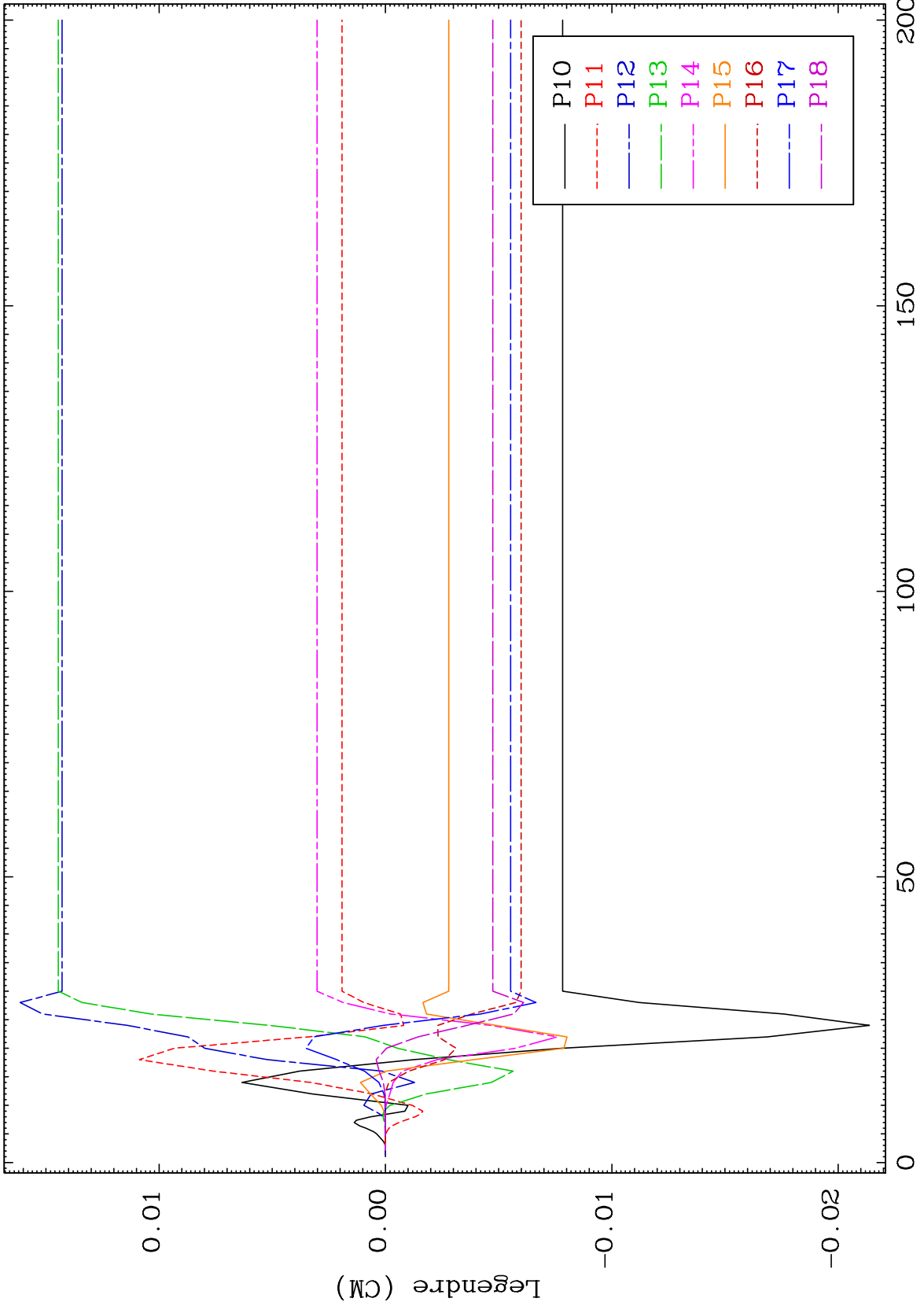


24 76-Os-182

MAT 7619

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

76-Os-182



25

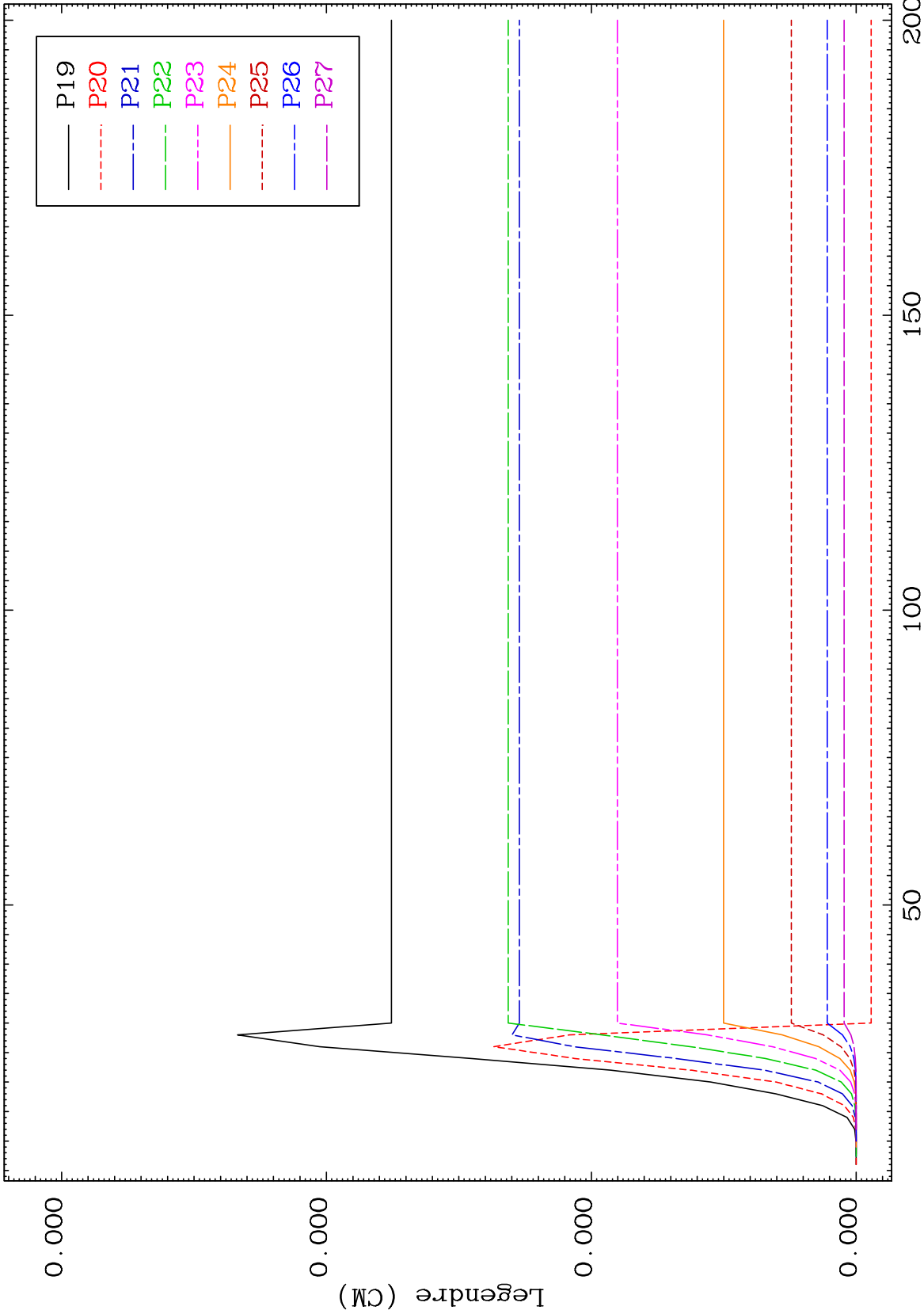
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



26

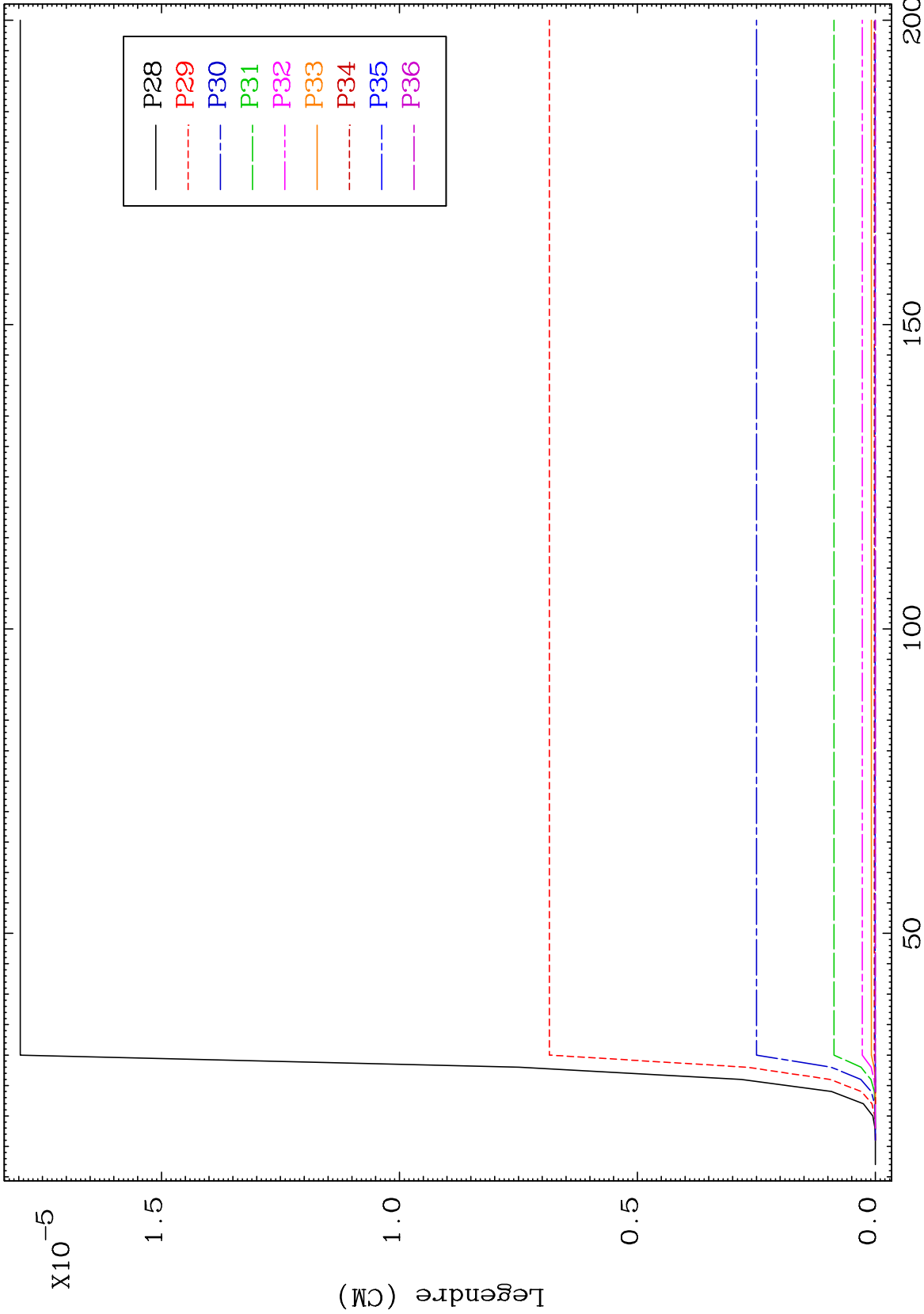
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



27

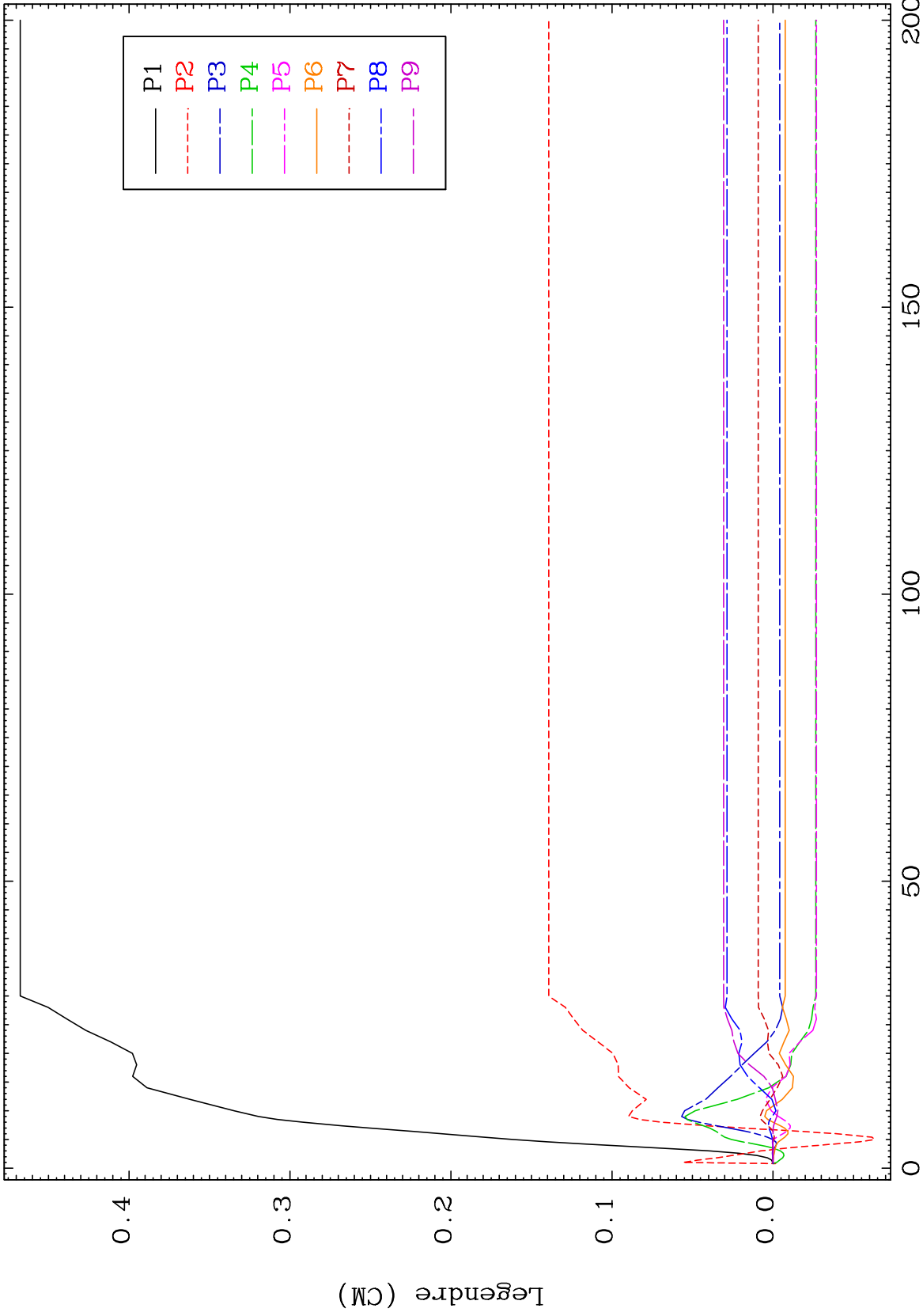
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



28

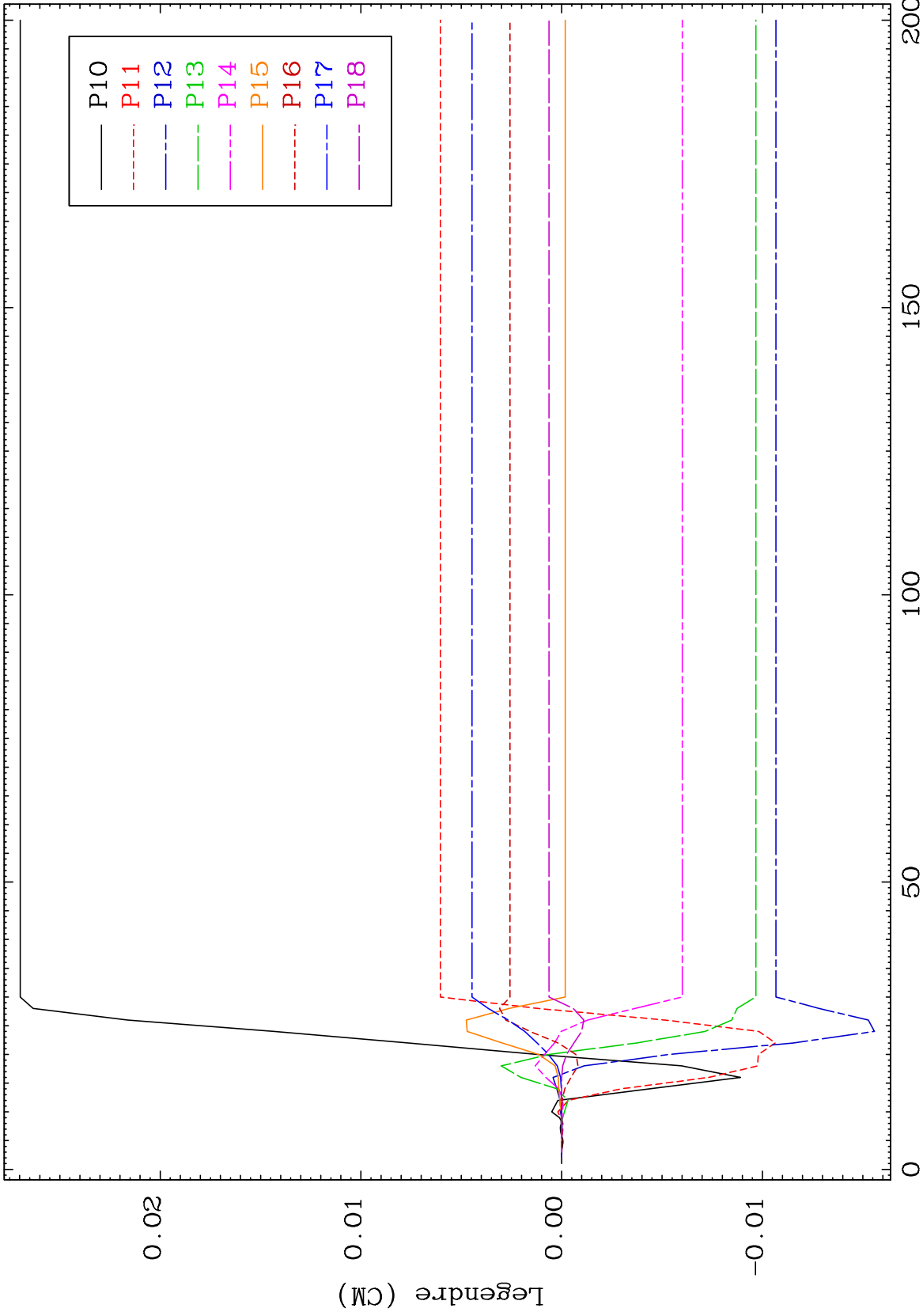
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



29

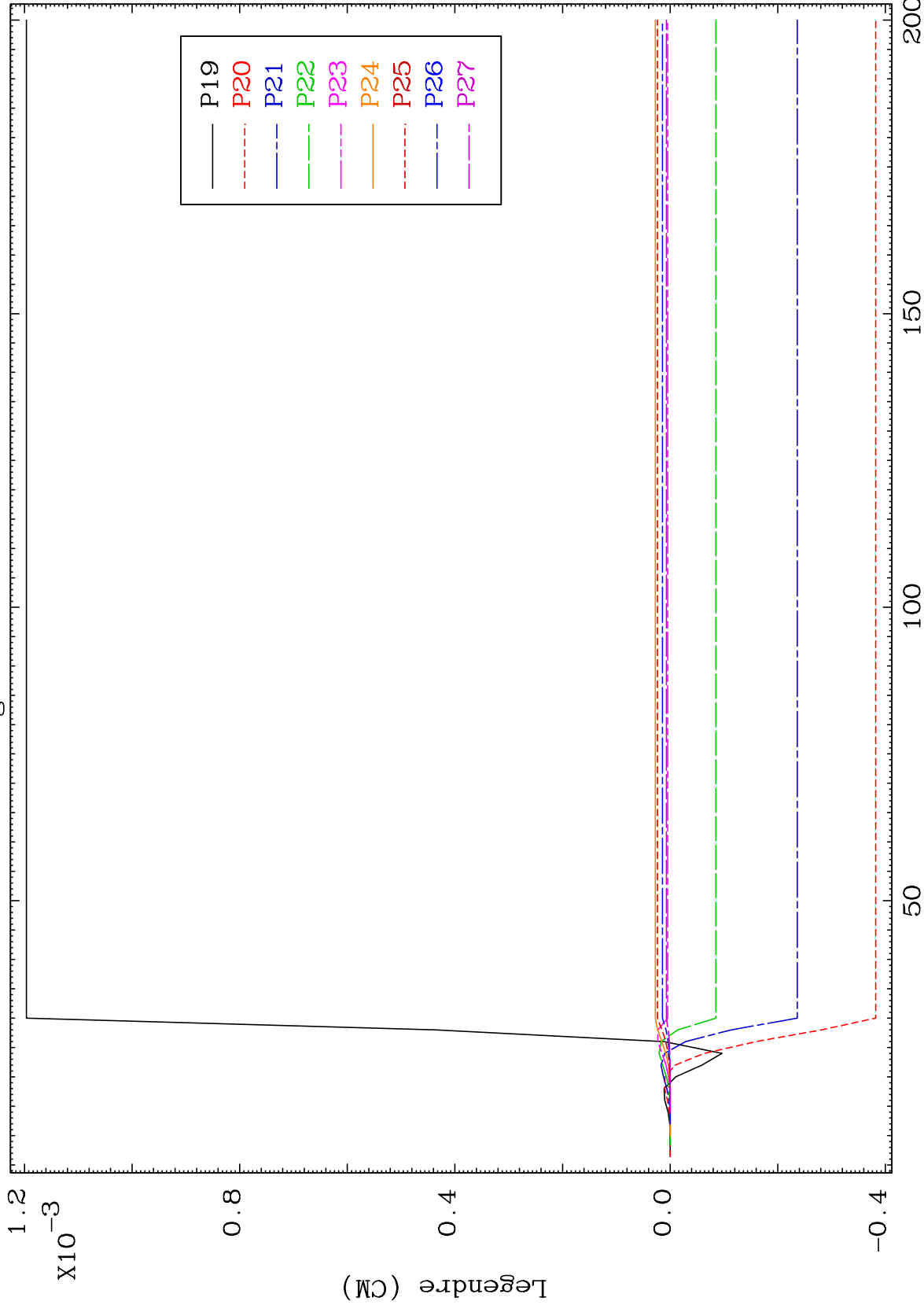
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



30

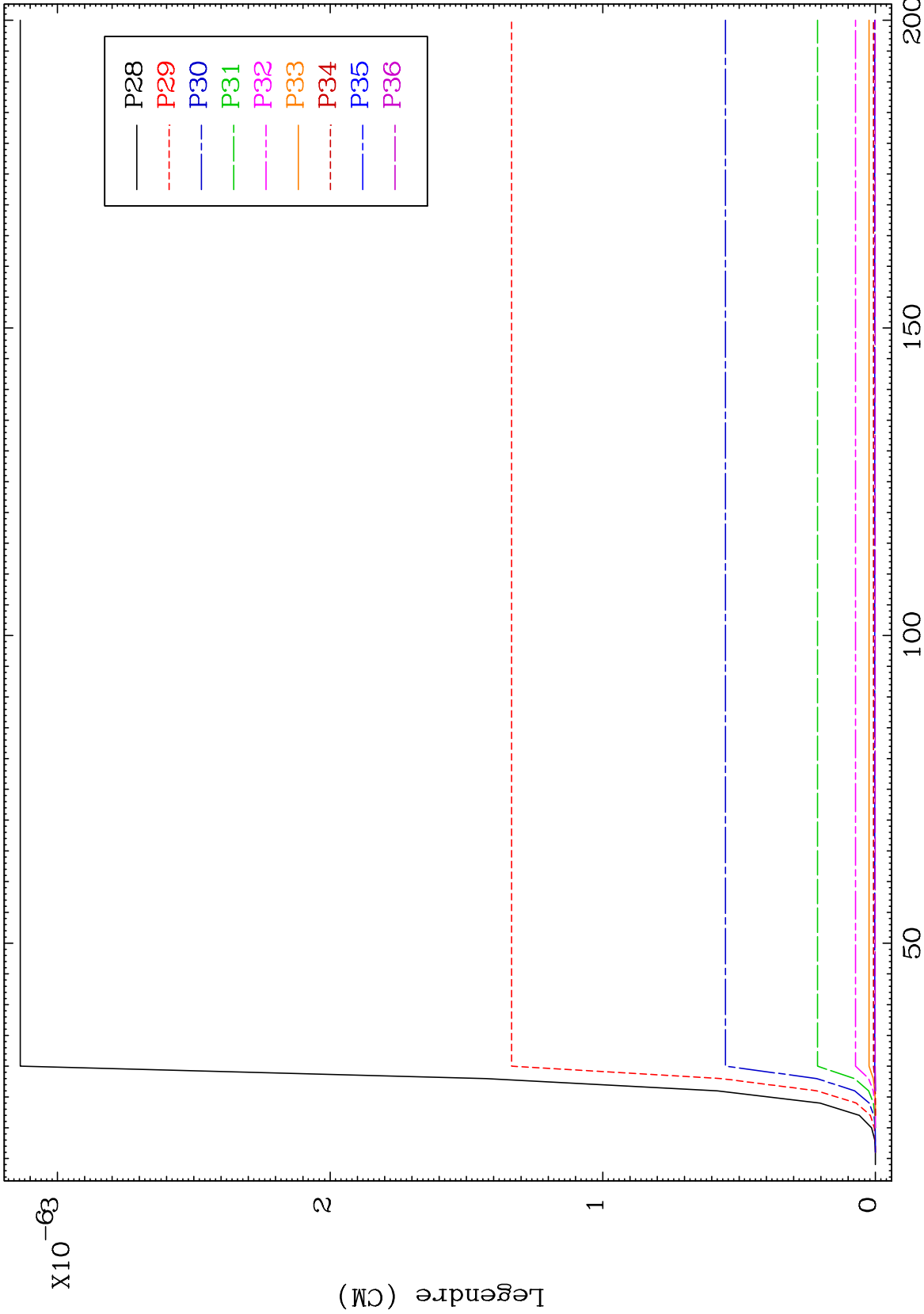
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



31

Incident Energy (MeV)

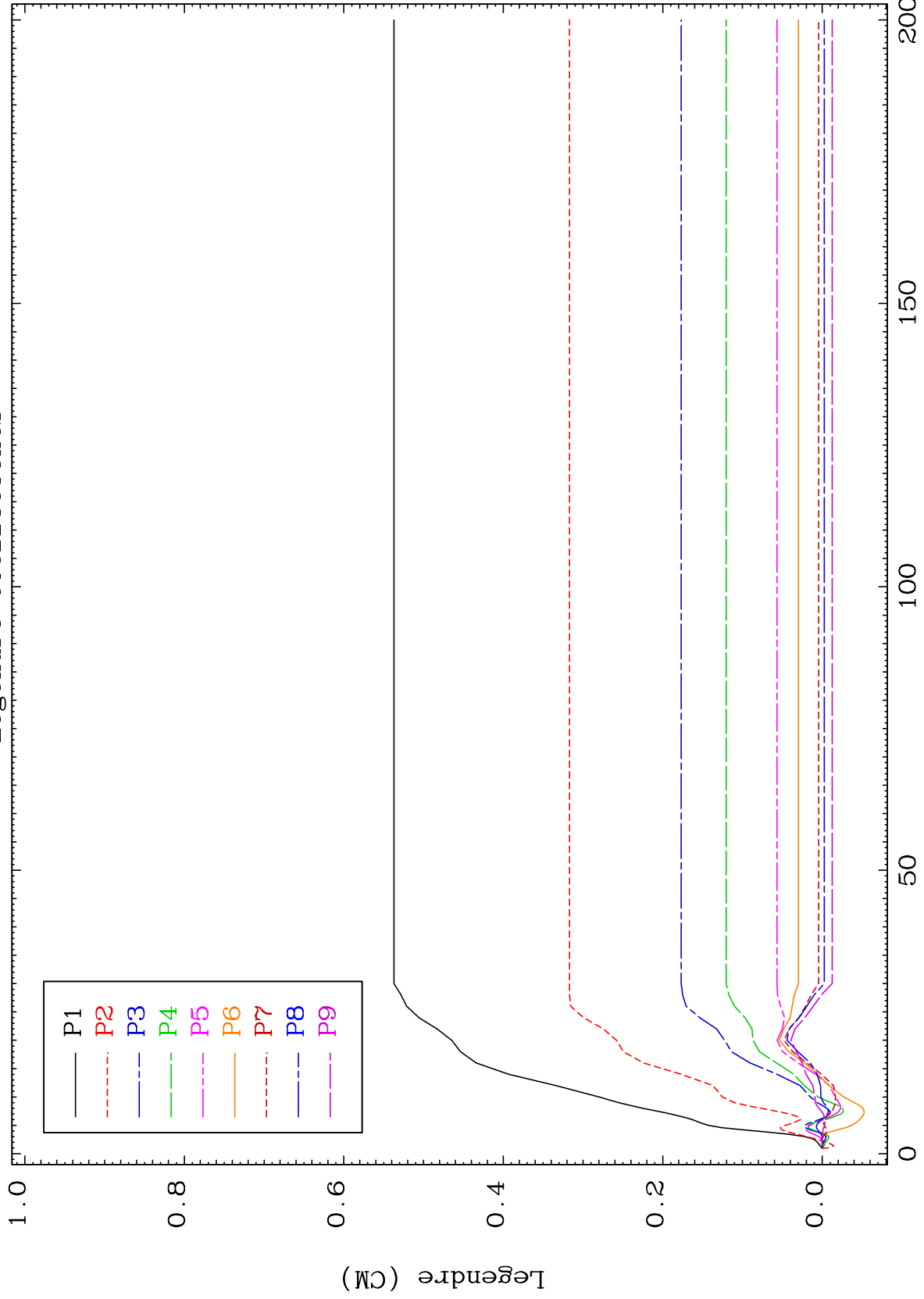
76-Os-182



MAT 7619

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

76-Os-182



32

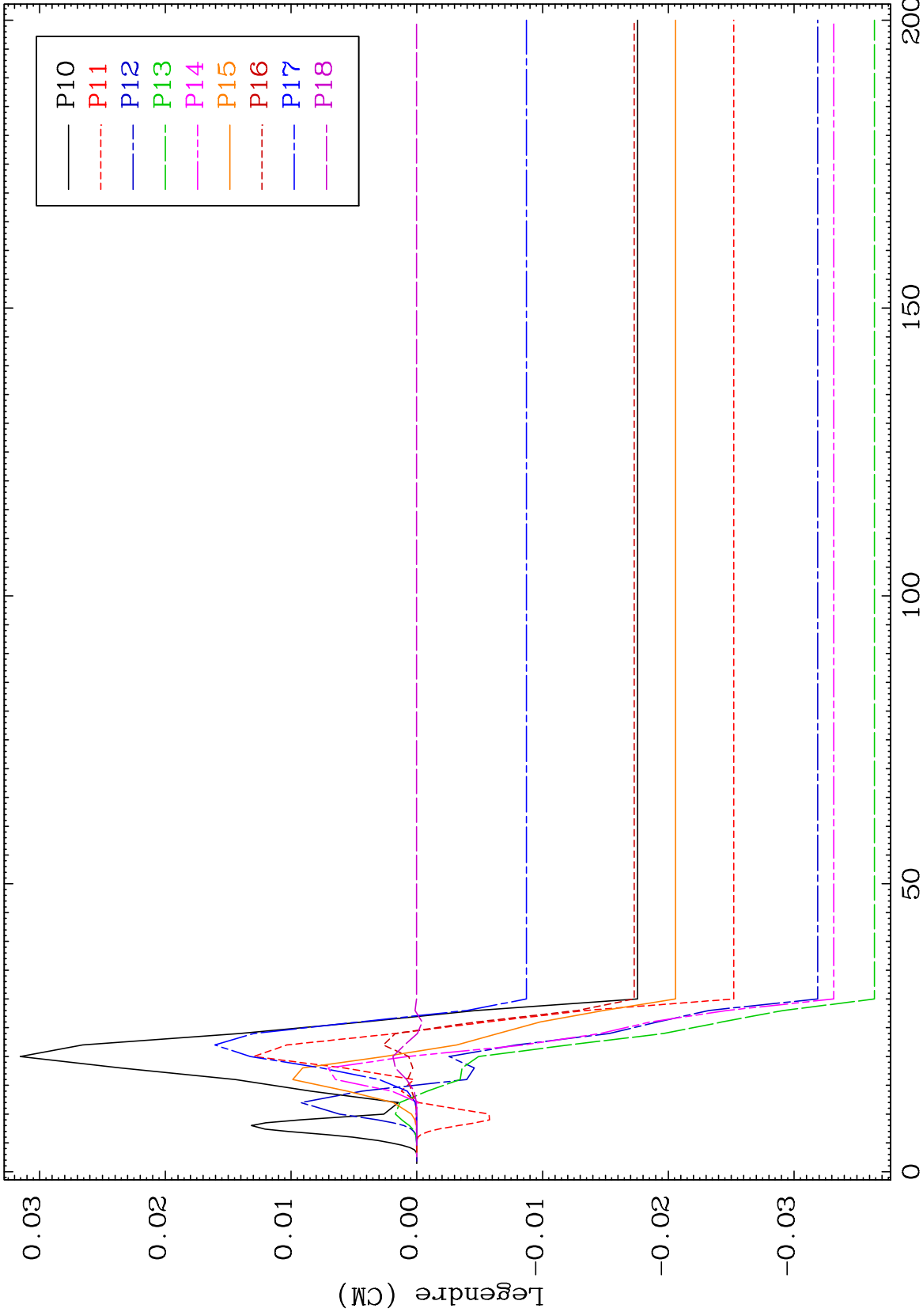
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



33

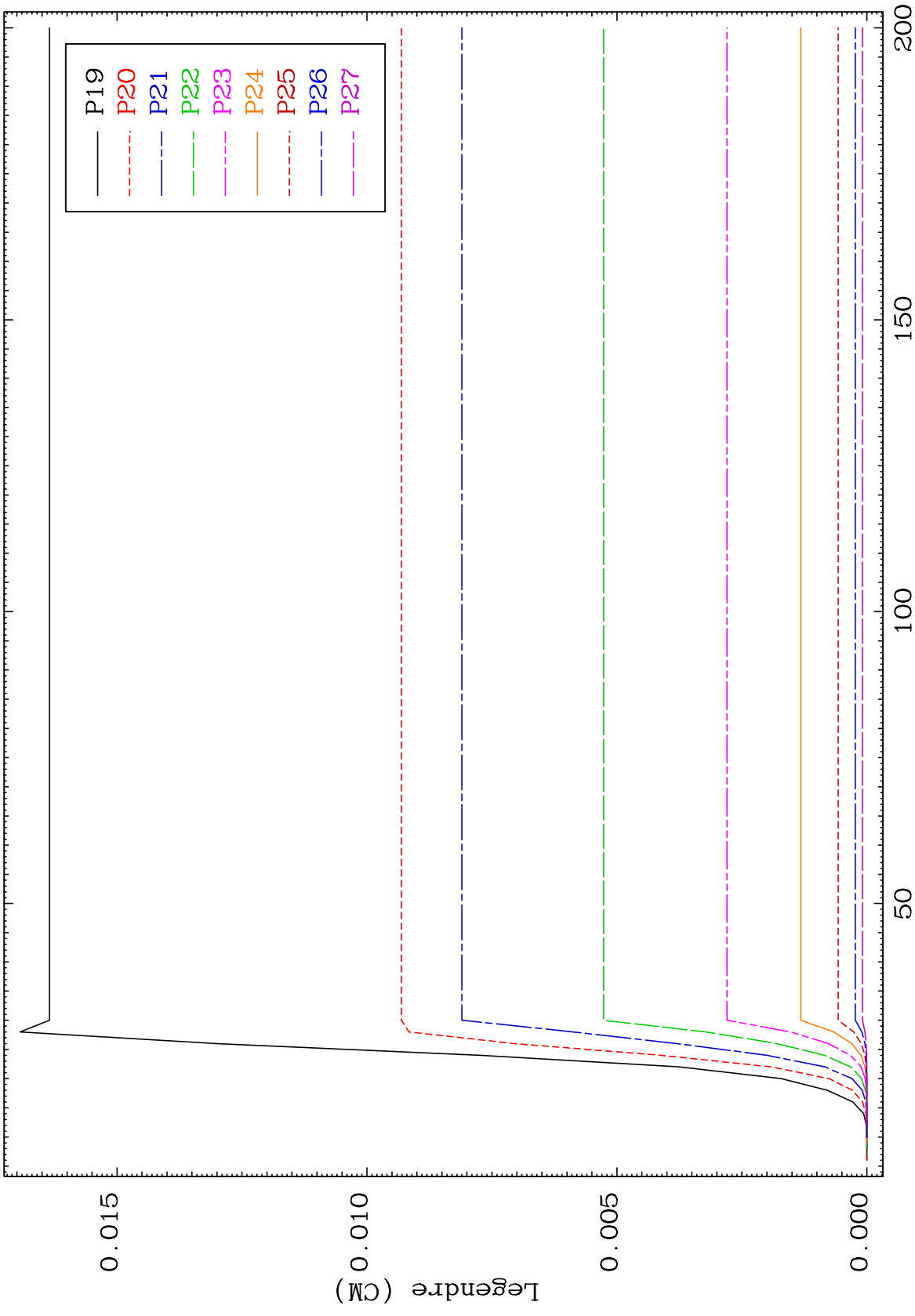
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



34

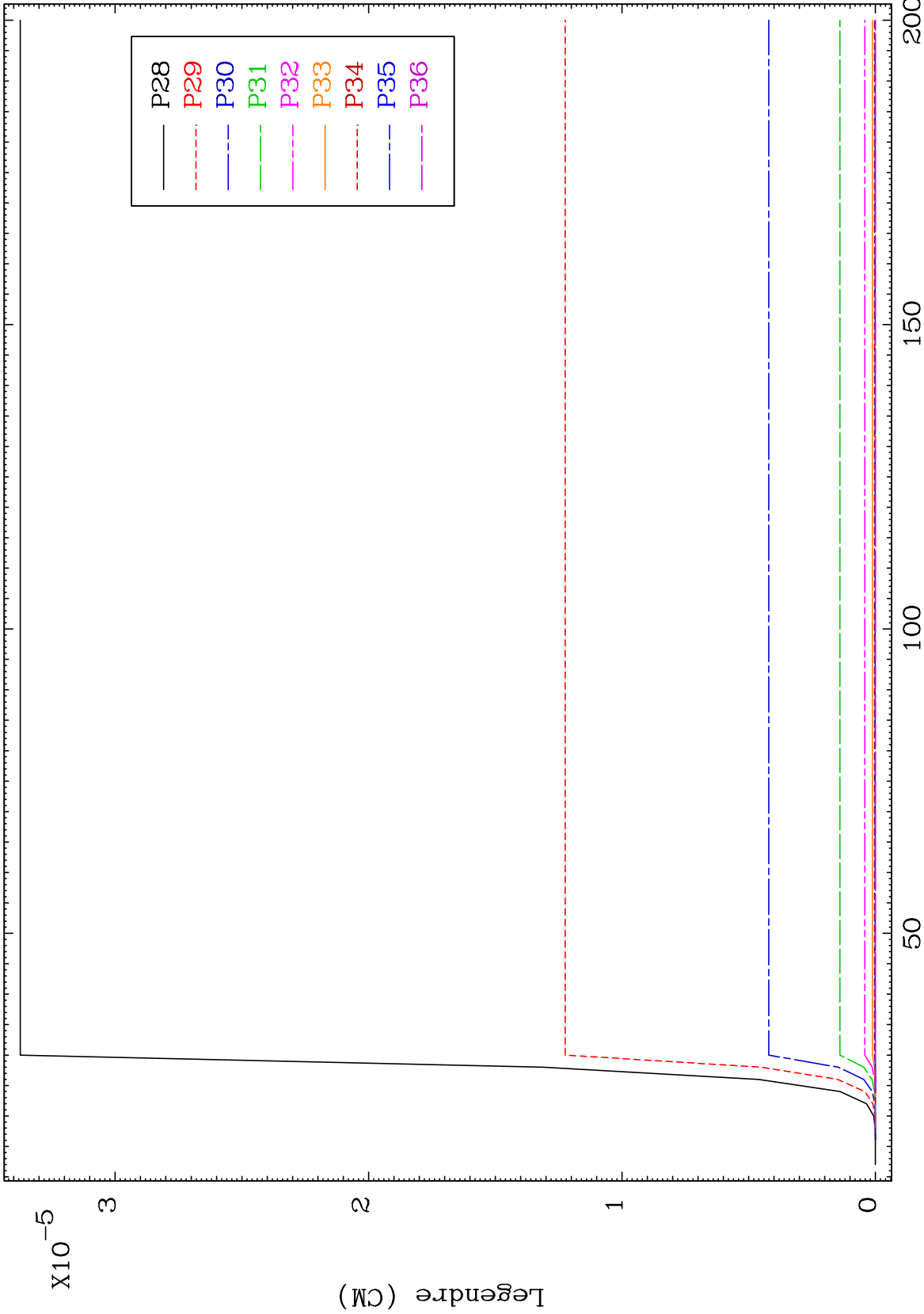
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182

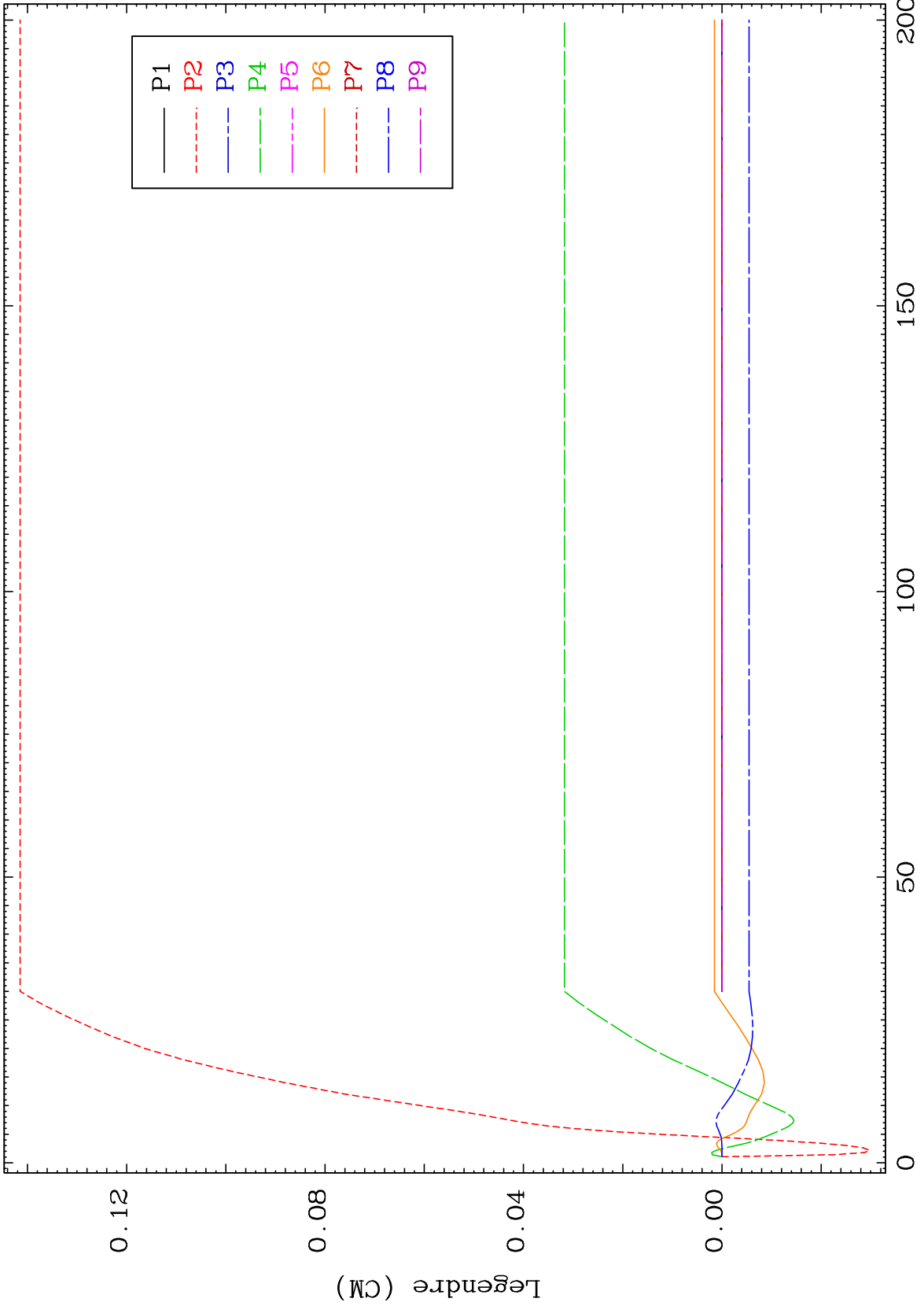


35

Incident Energy (MeV)

76-Os-182

MAT 7619 MT= 55 (n,n') Level Legendre Coefficients 76-Os-182

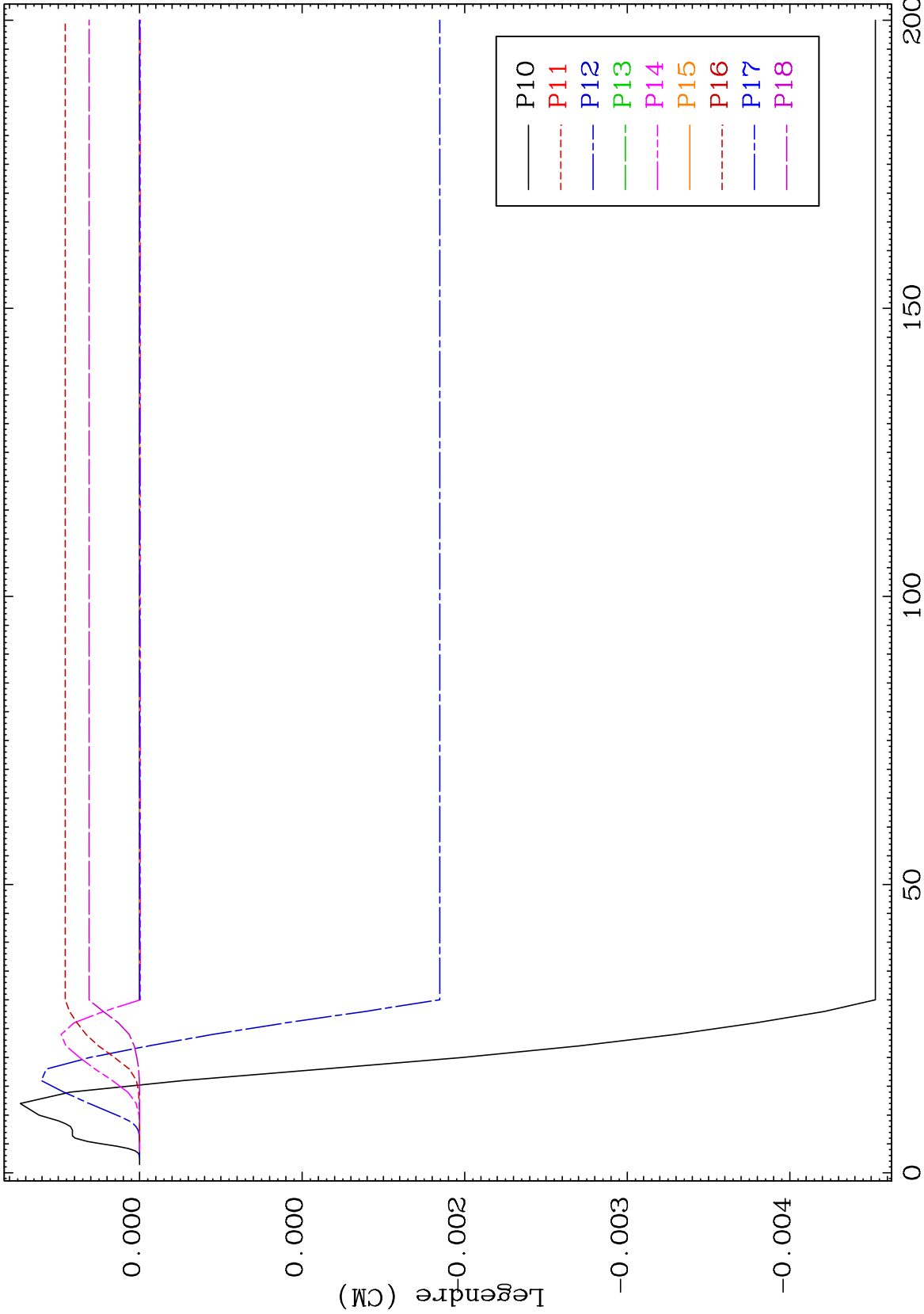


36 76-Os-182

MAT 7619

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

76-Os-182

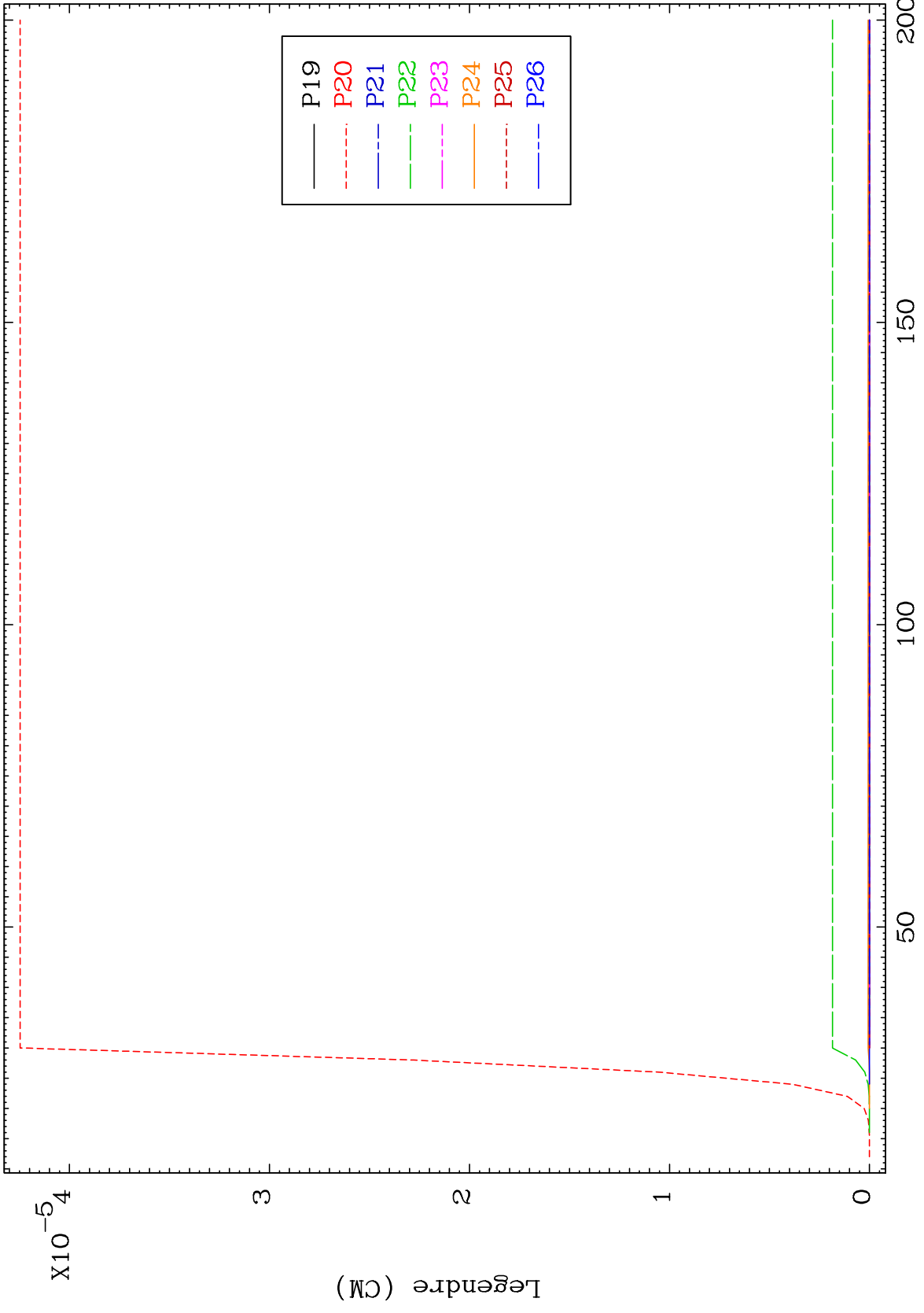


37

Incident Energy (MeV)

76-Os-182

MAT 7619 MT= 55 (n,n') Level Legendre Coefficients 76-Os-182

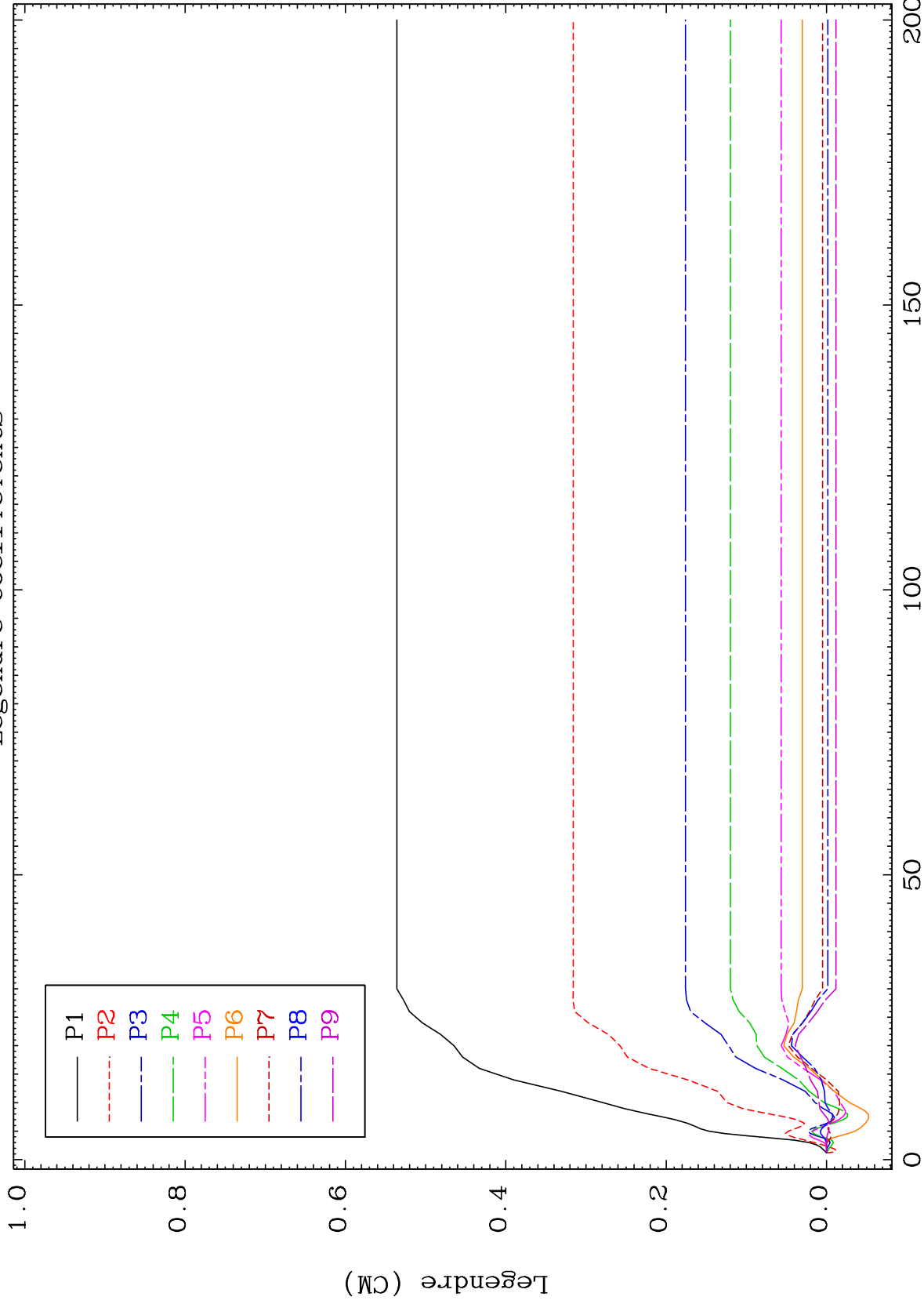


38 Incident Energy (MeV) 76-Os-182

MAT 7619

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

76-Os-182



39

Incident Energy (MeV)

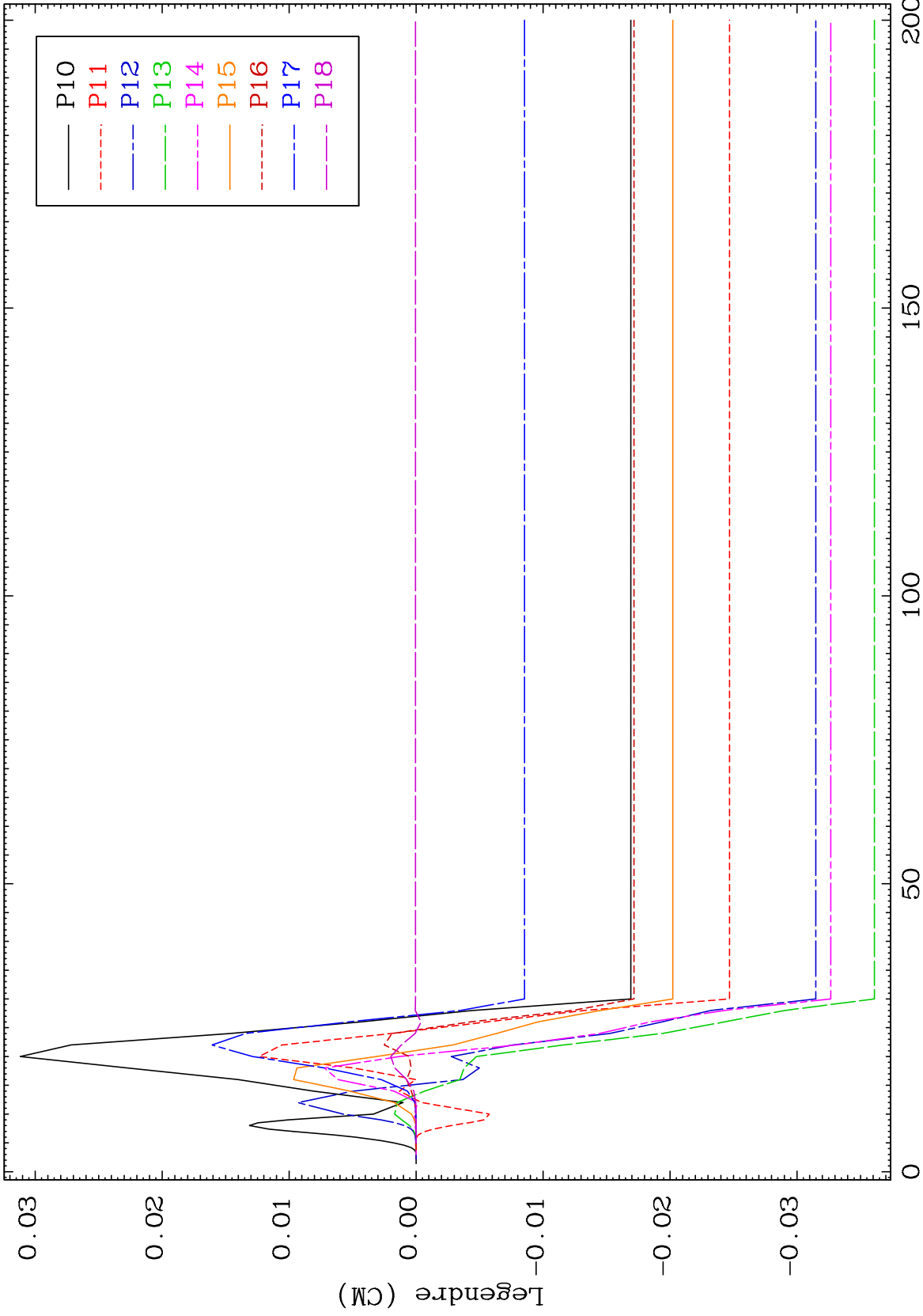
76-Os-182



MAT 7619

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

76-Os-182



40

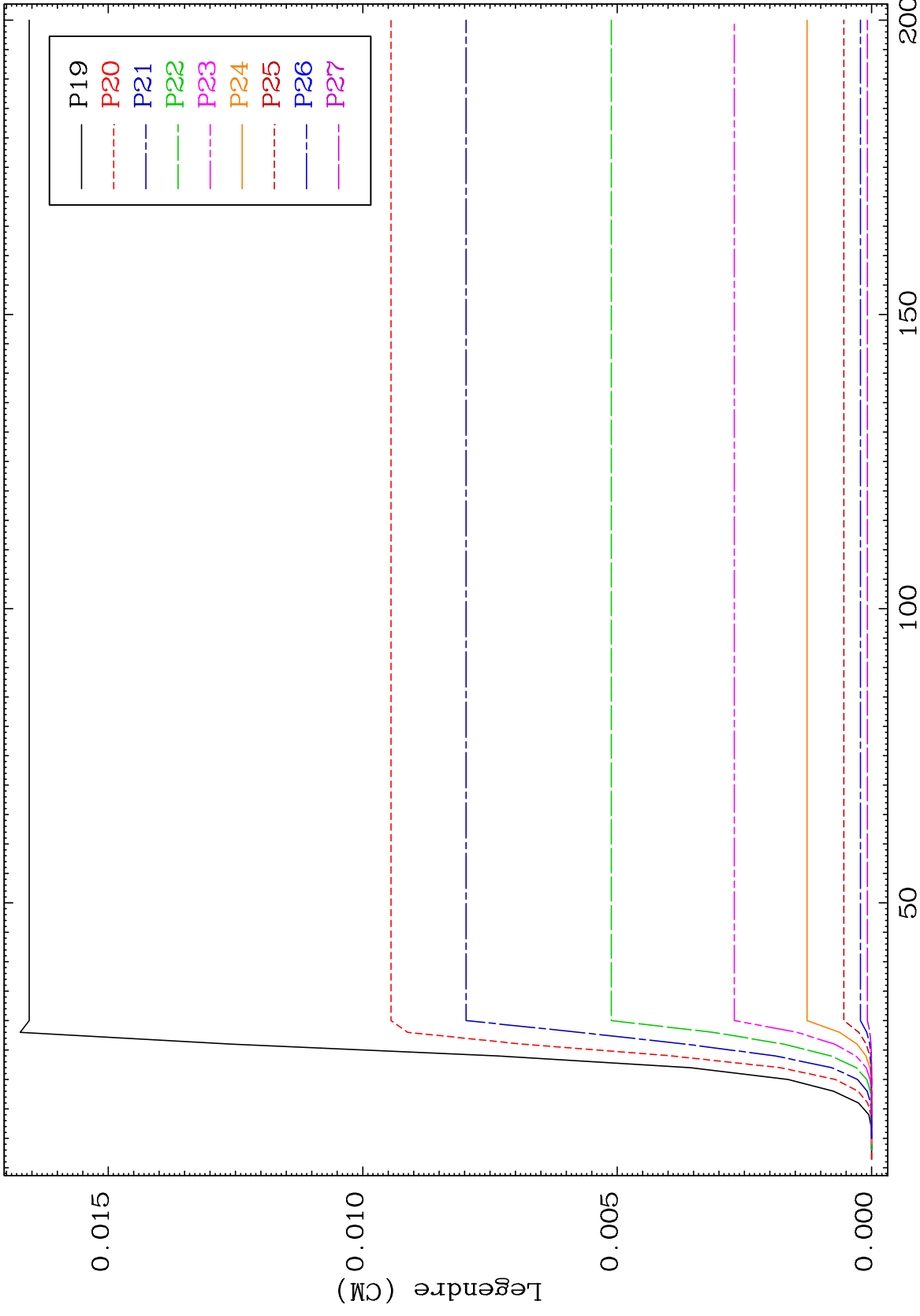
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



41

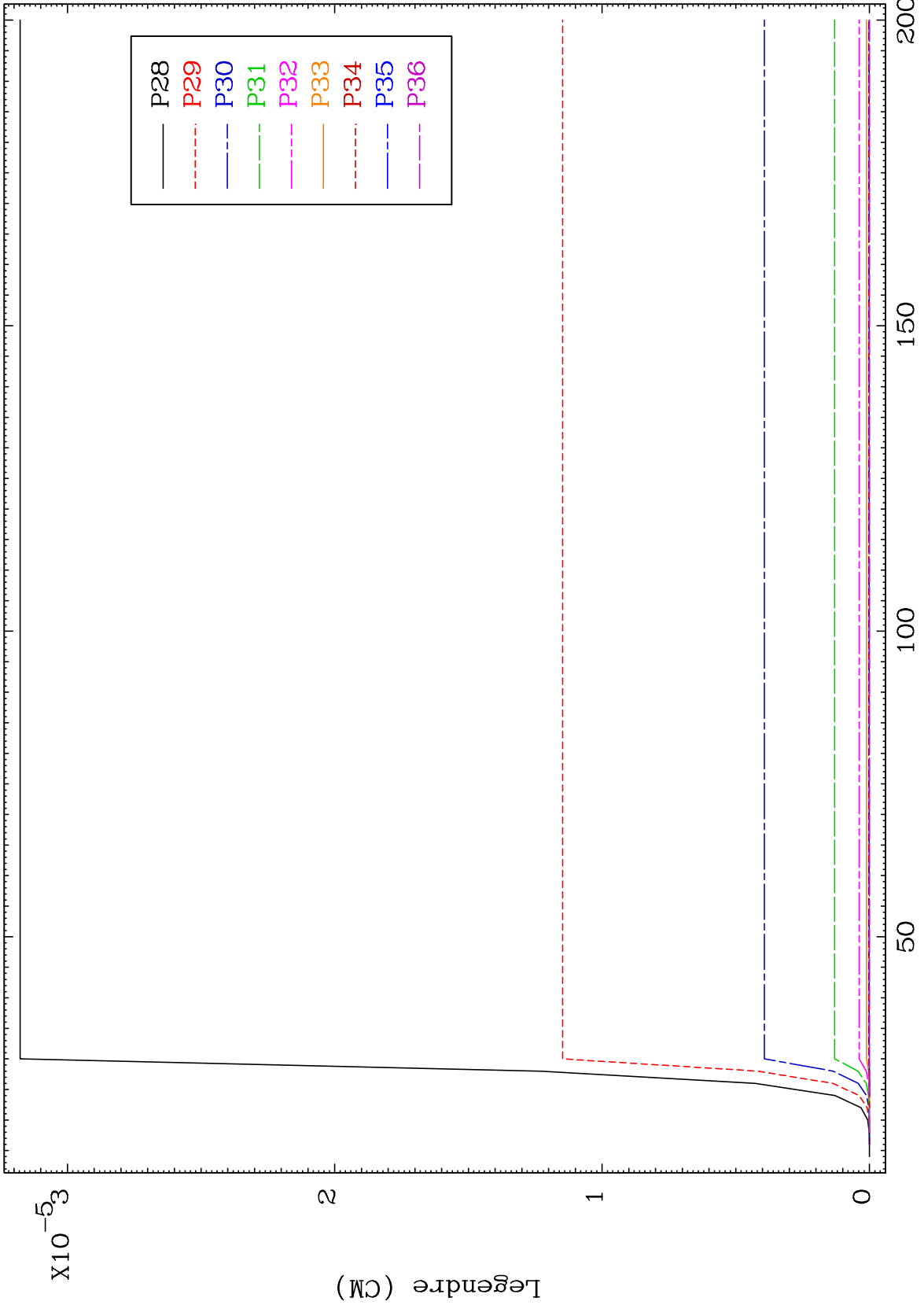
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



42

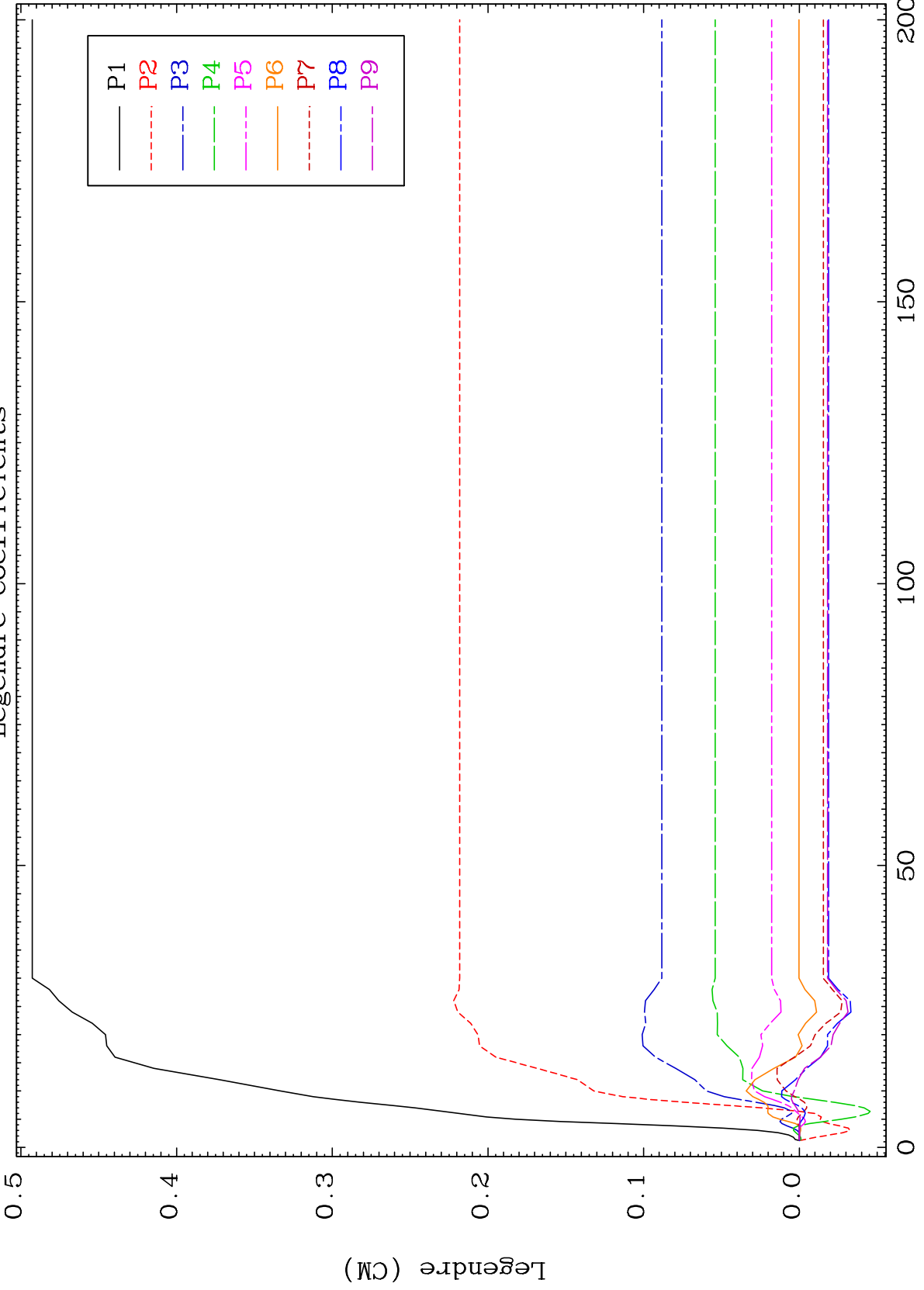
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



43

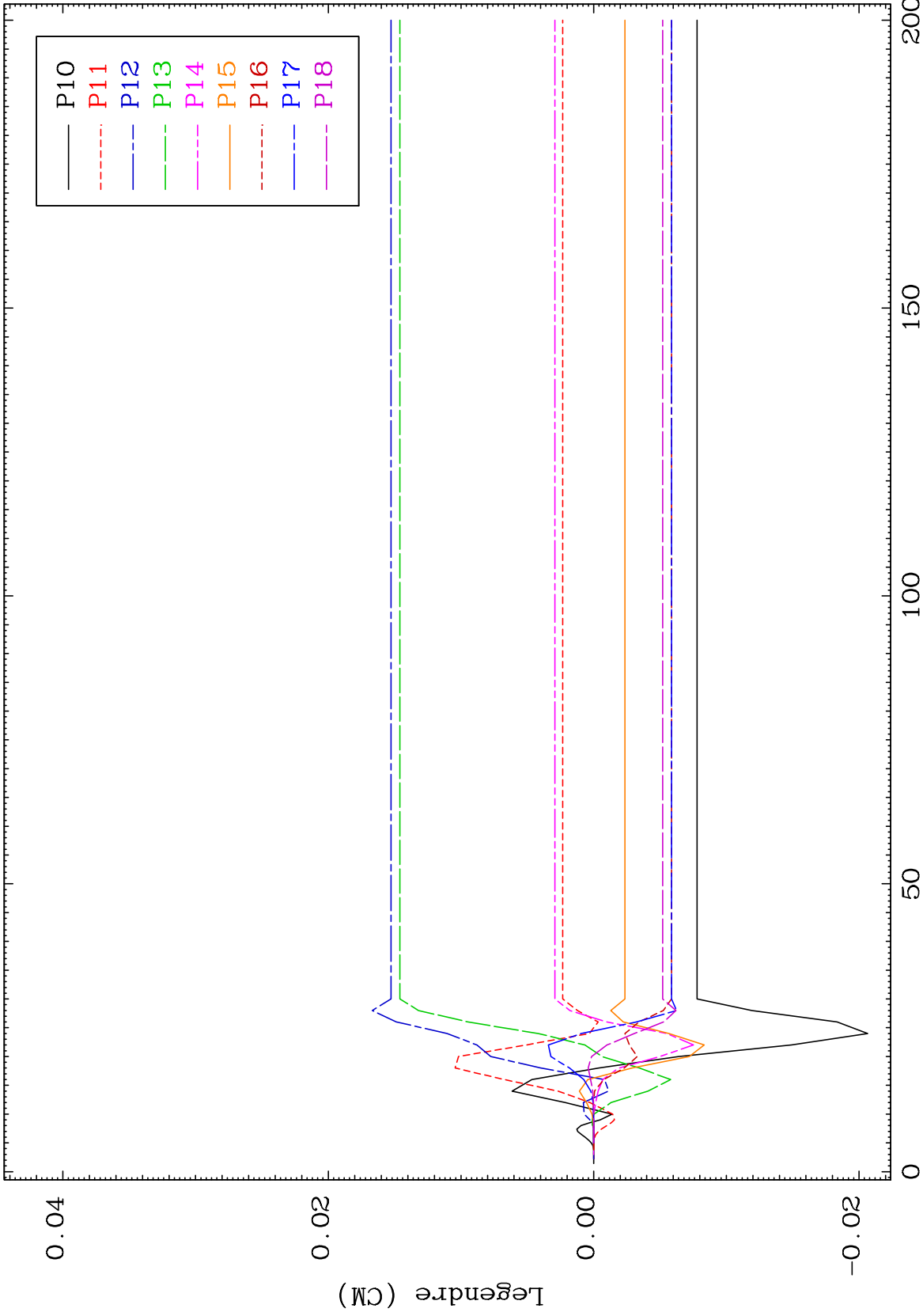
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



44

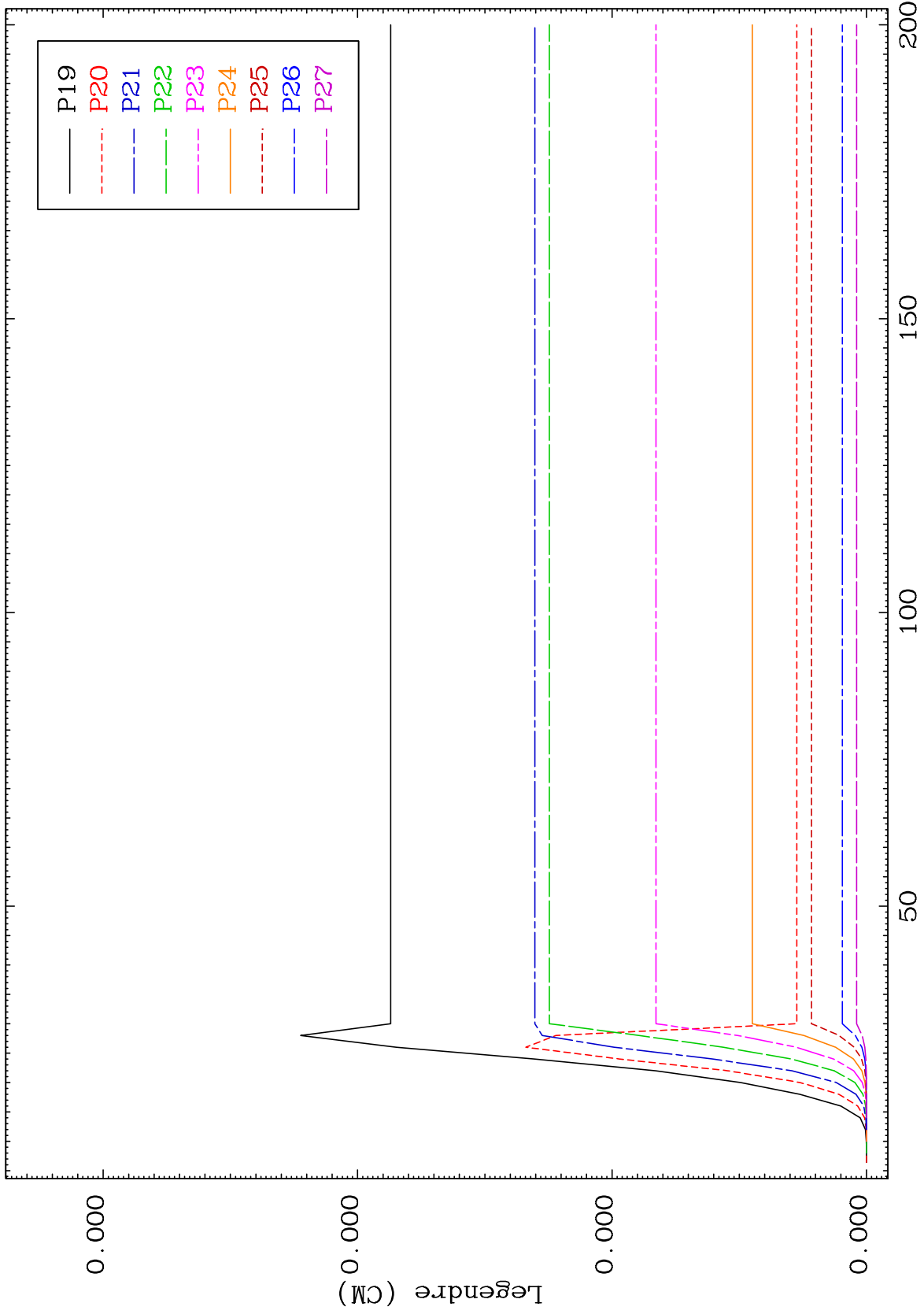
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



45

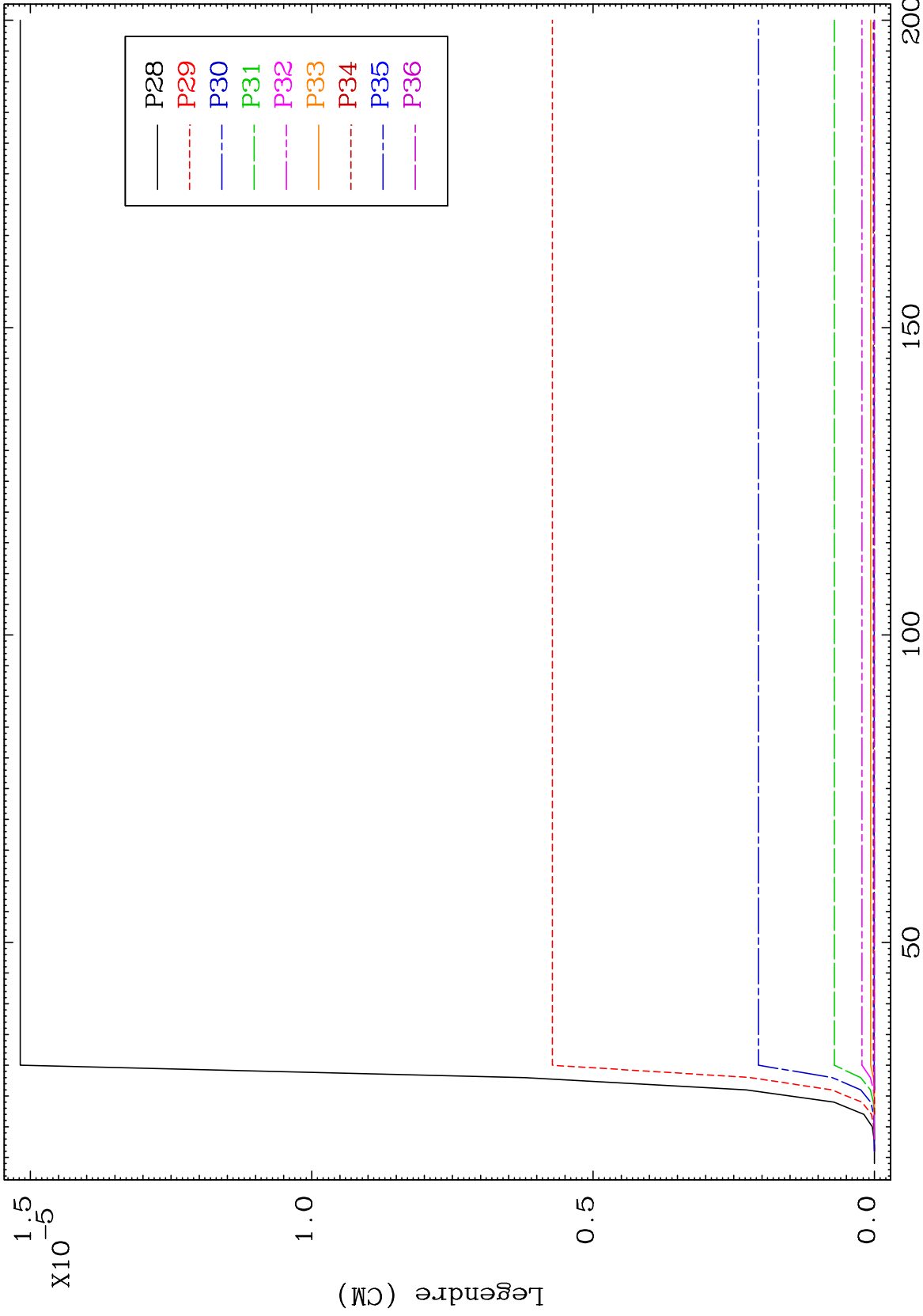
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



46

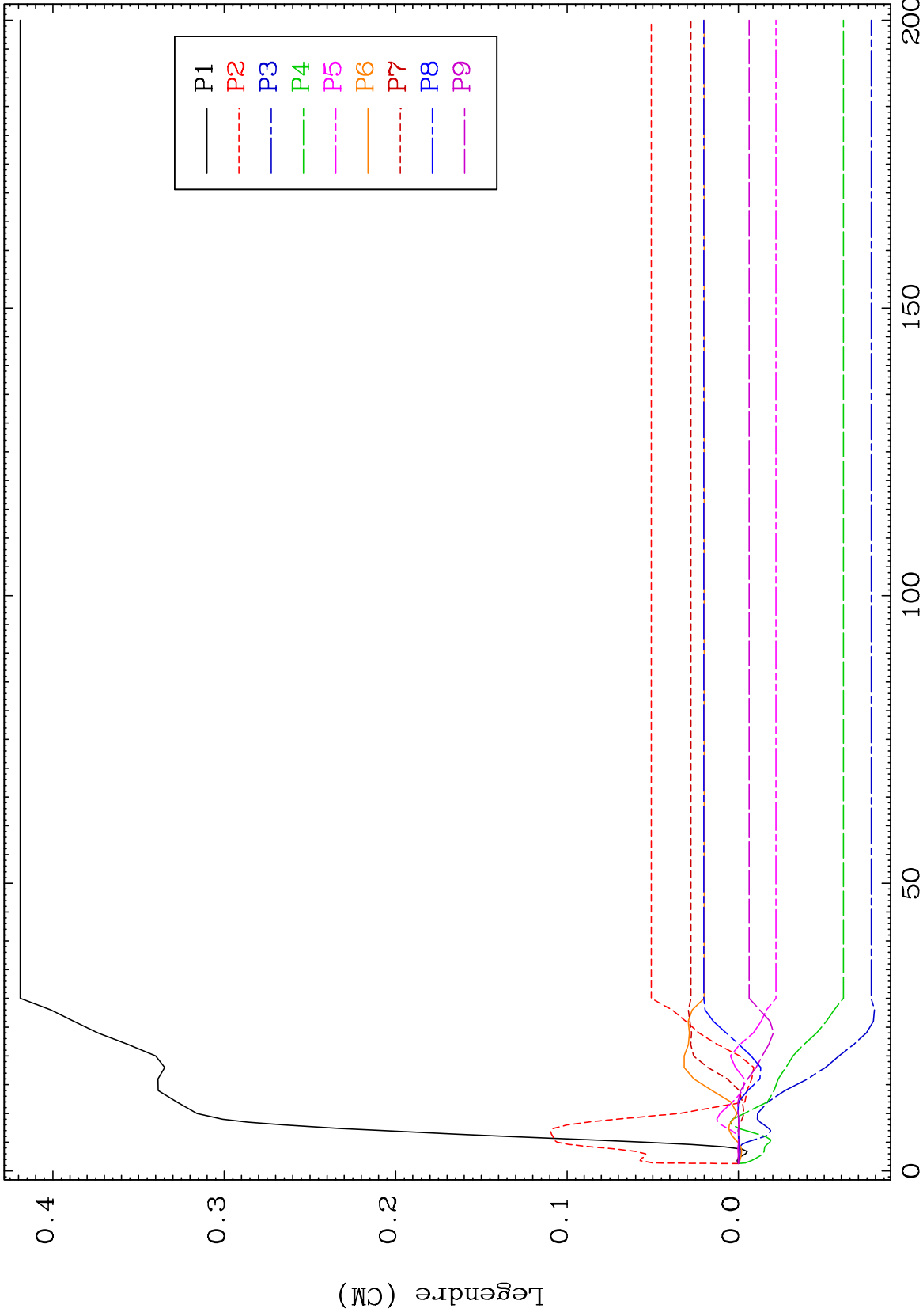
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



47

Incident Energy (MeV)

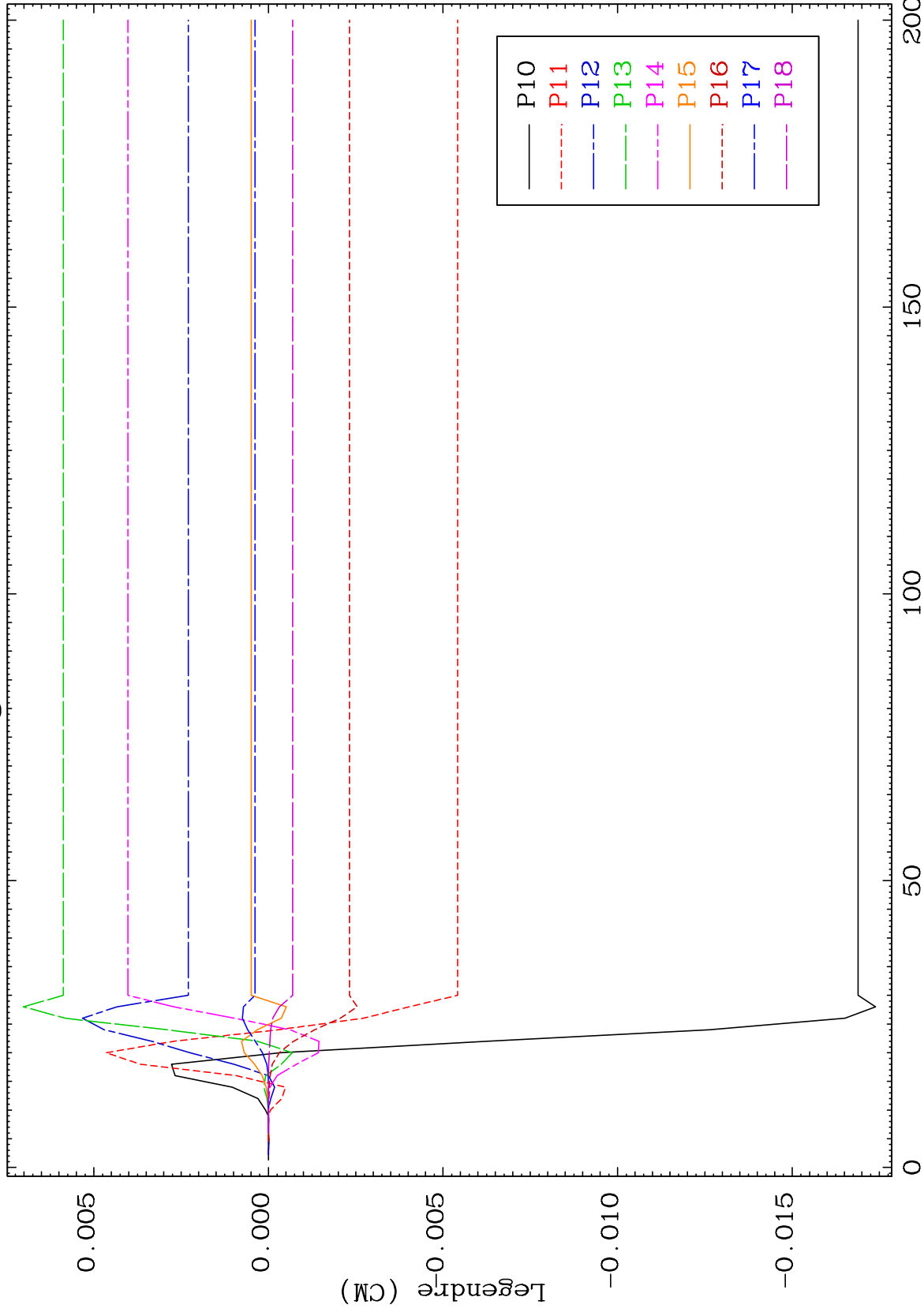
76-Os-182



MAT 7619

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

76-Os-182



48

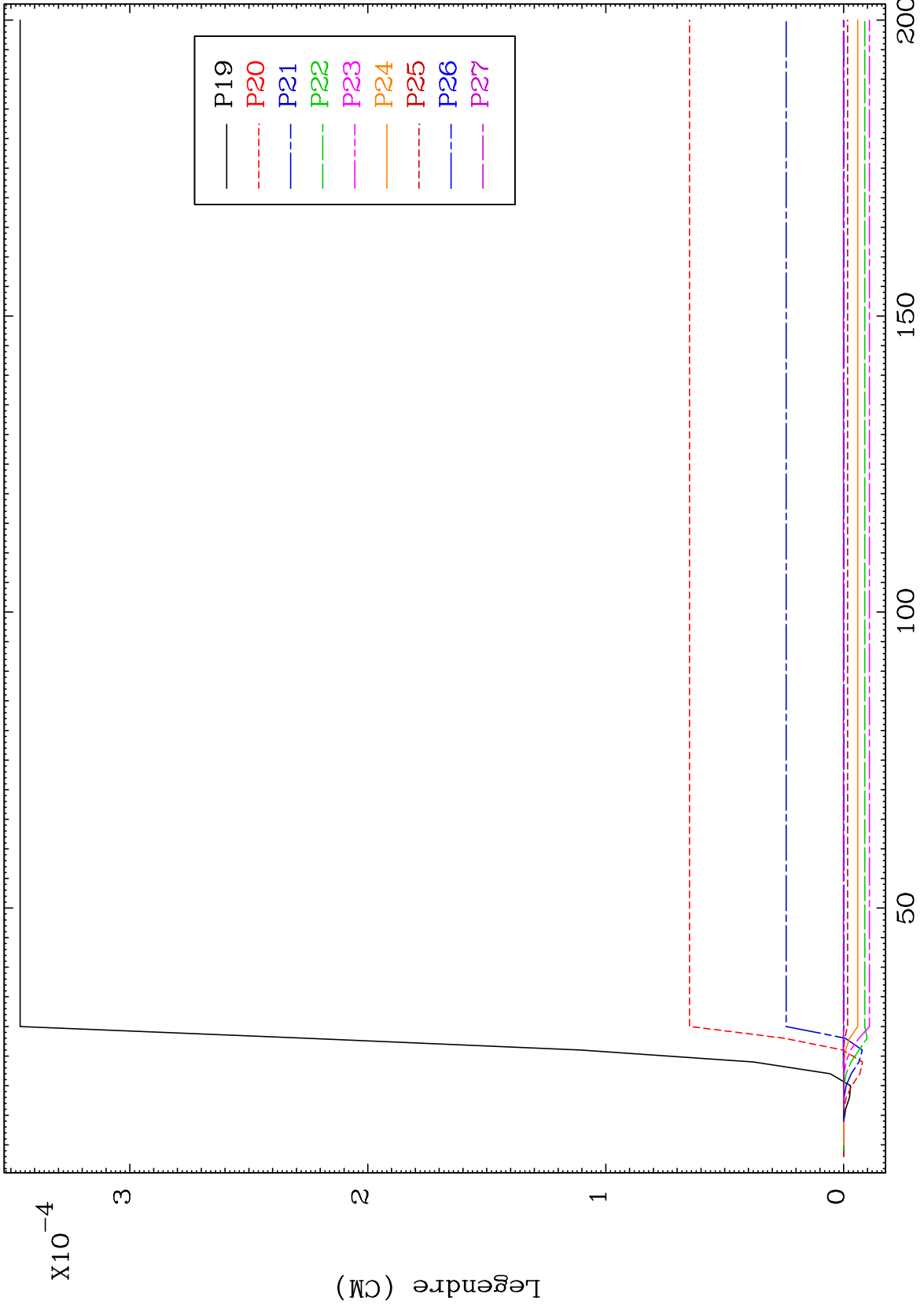
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



49

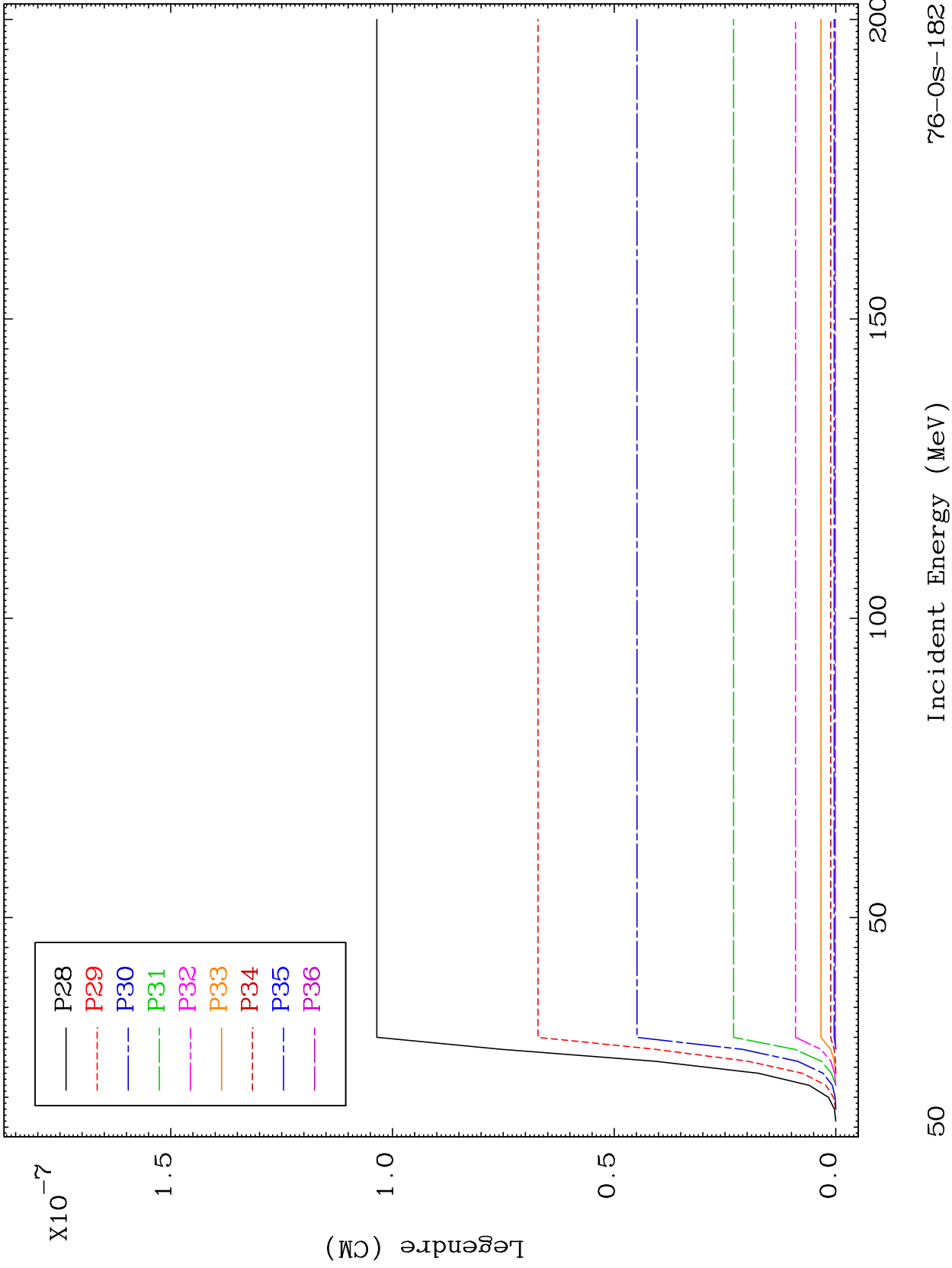
Incident Energy (MeV)

76-Os-182

MAT 7619

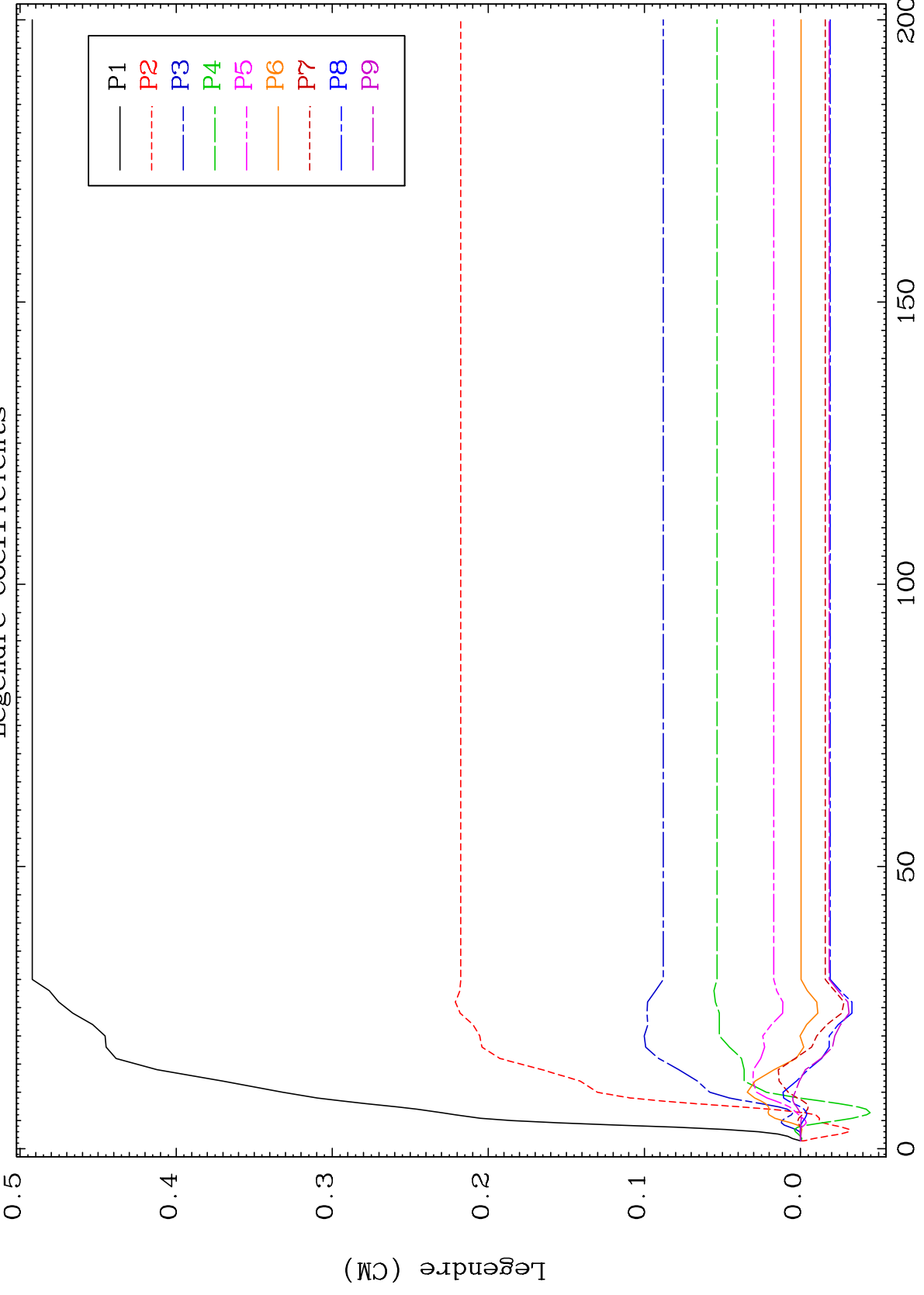
MT= 58 (n,n') Level  
Legendre Coefficients

76-Os-182



76-Os-182

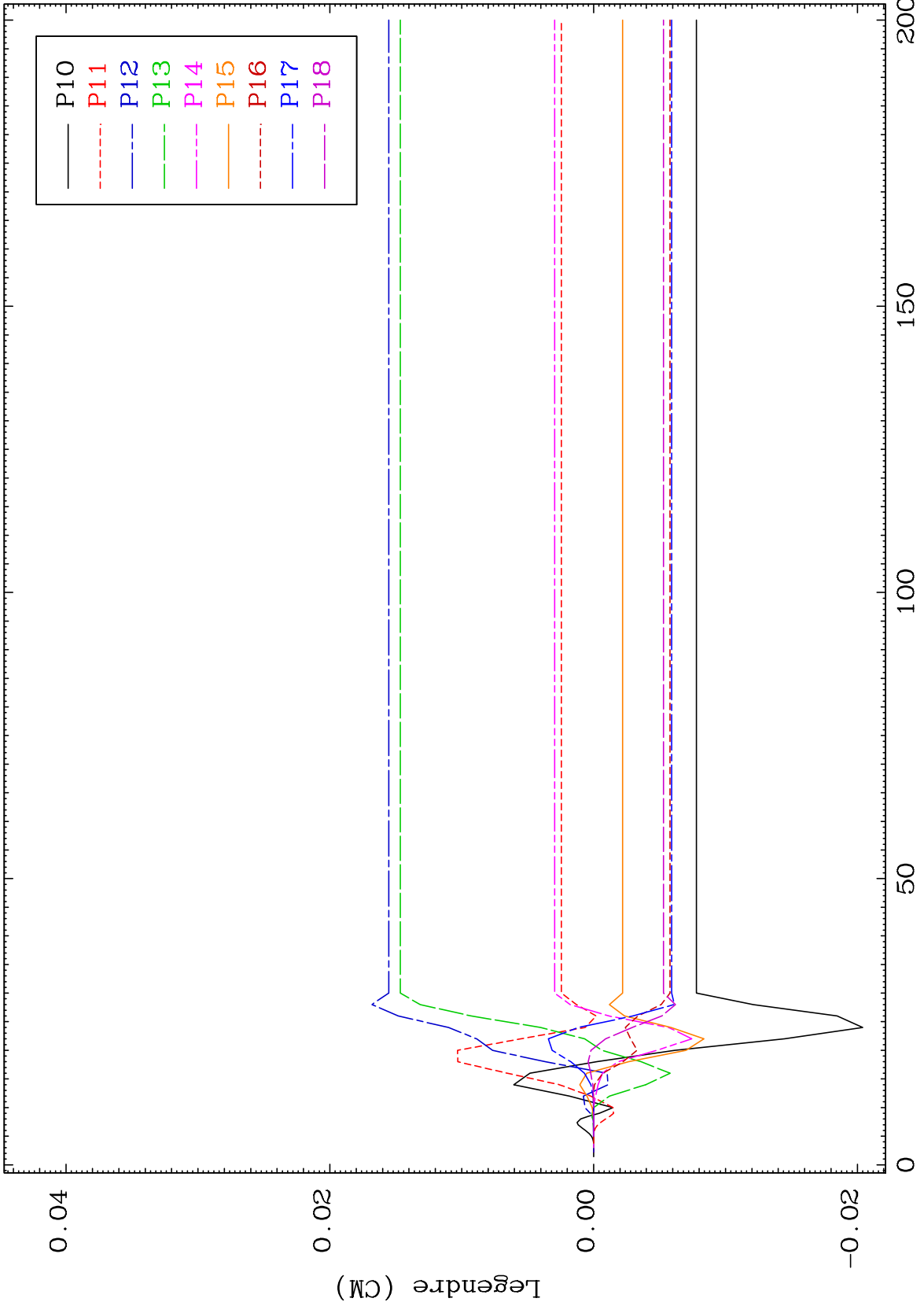
MAT 7619 MT= 59 (n,n') Level Legendre Coefficients 76-Os-182



MAT 7619

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

76-Os-182



52

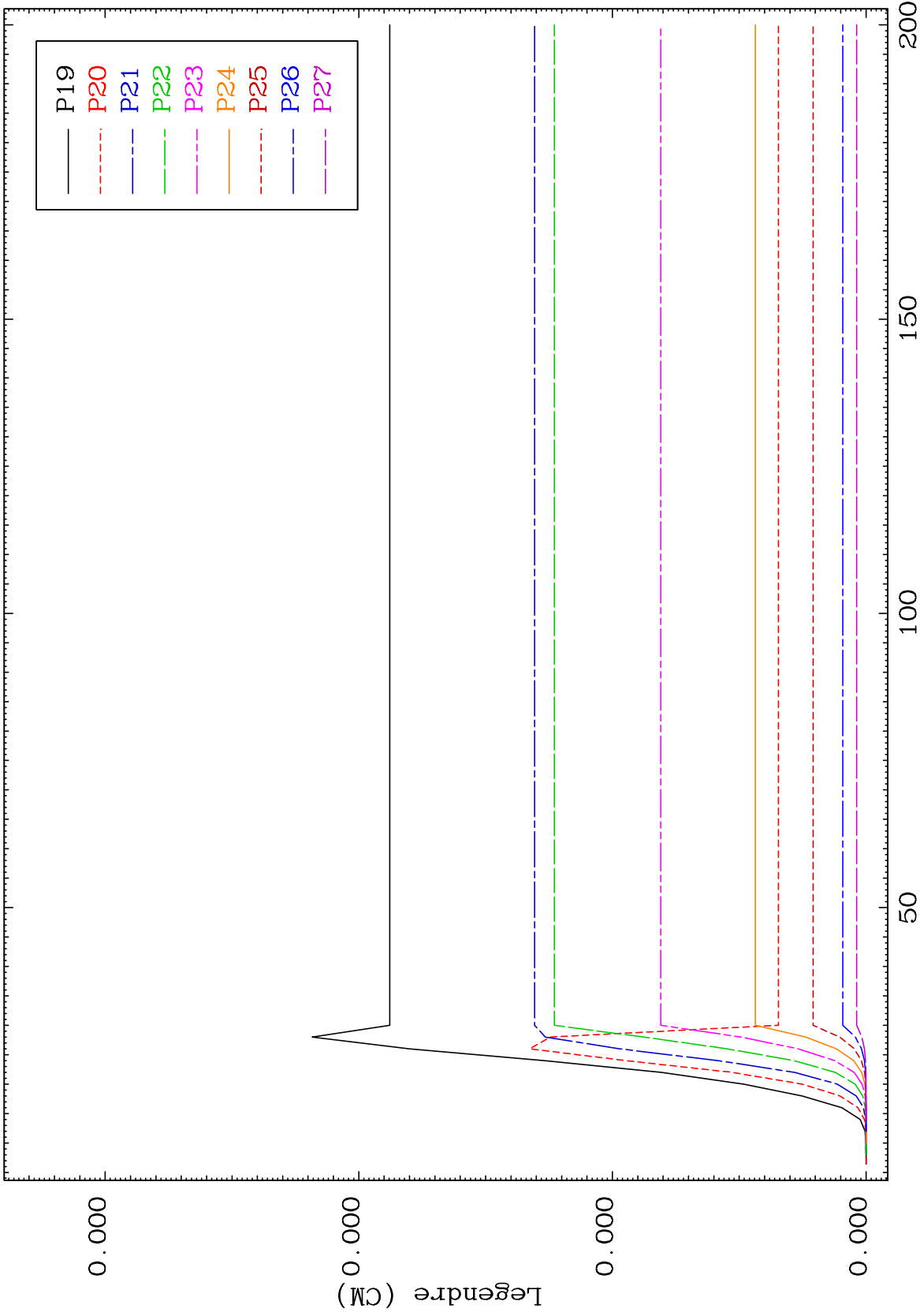
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



53

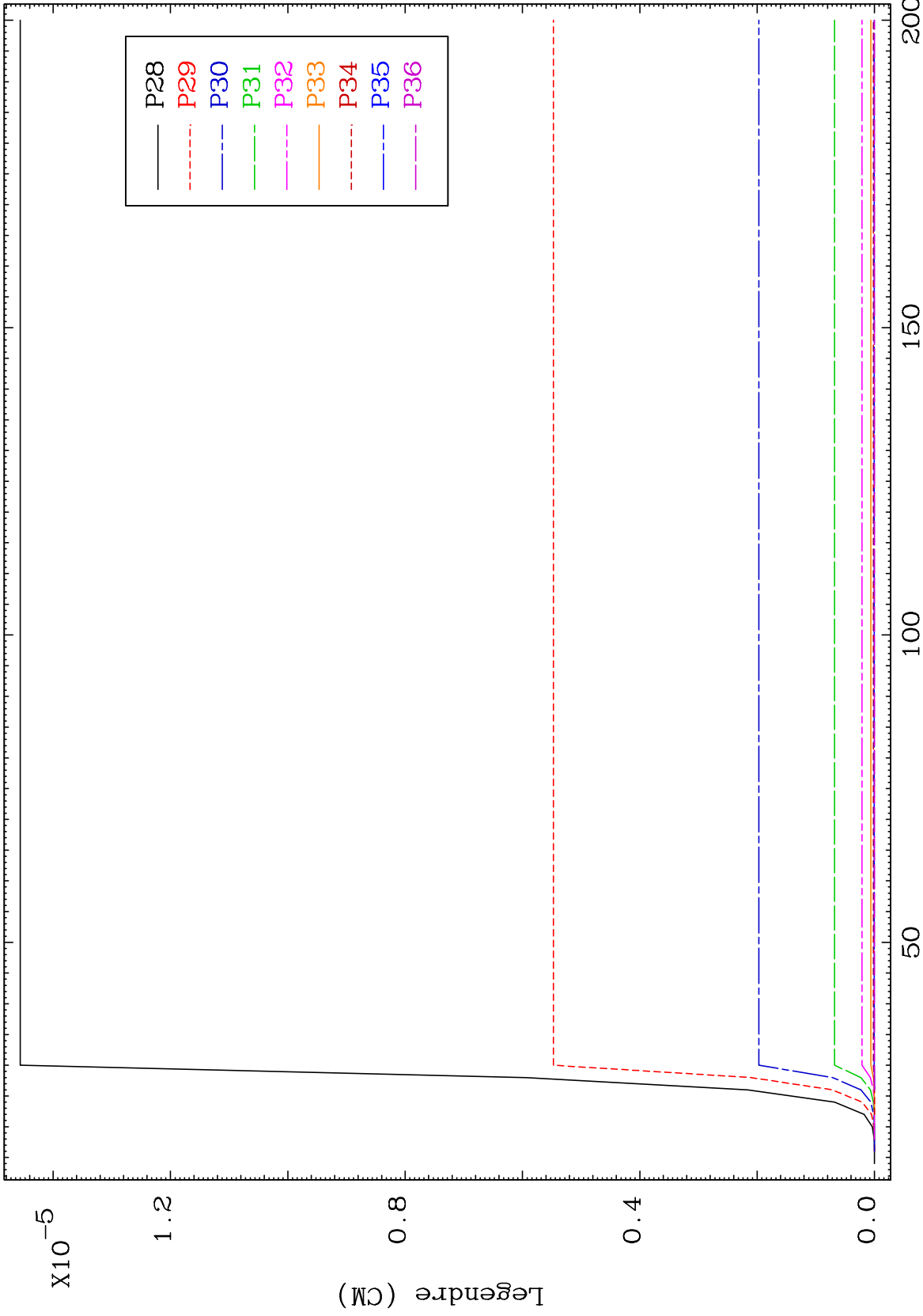
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



54

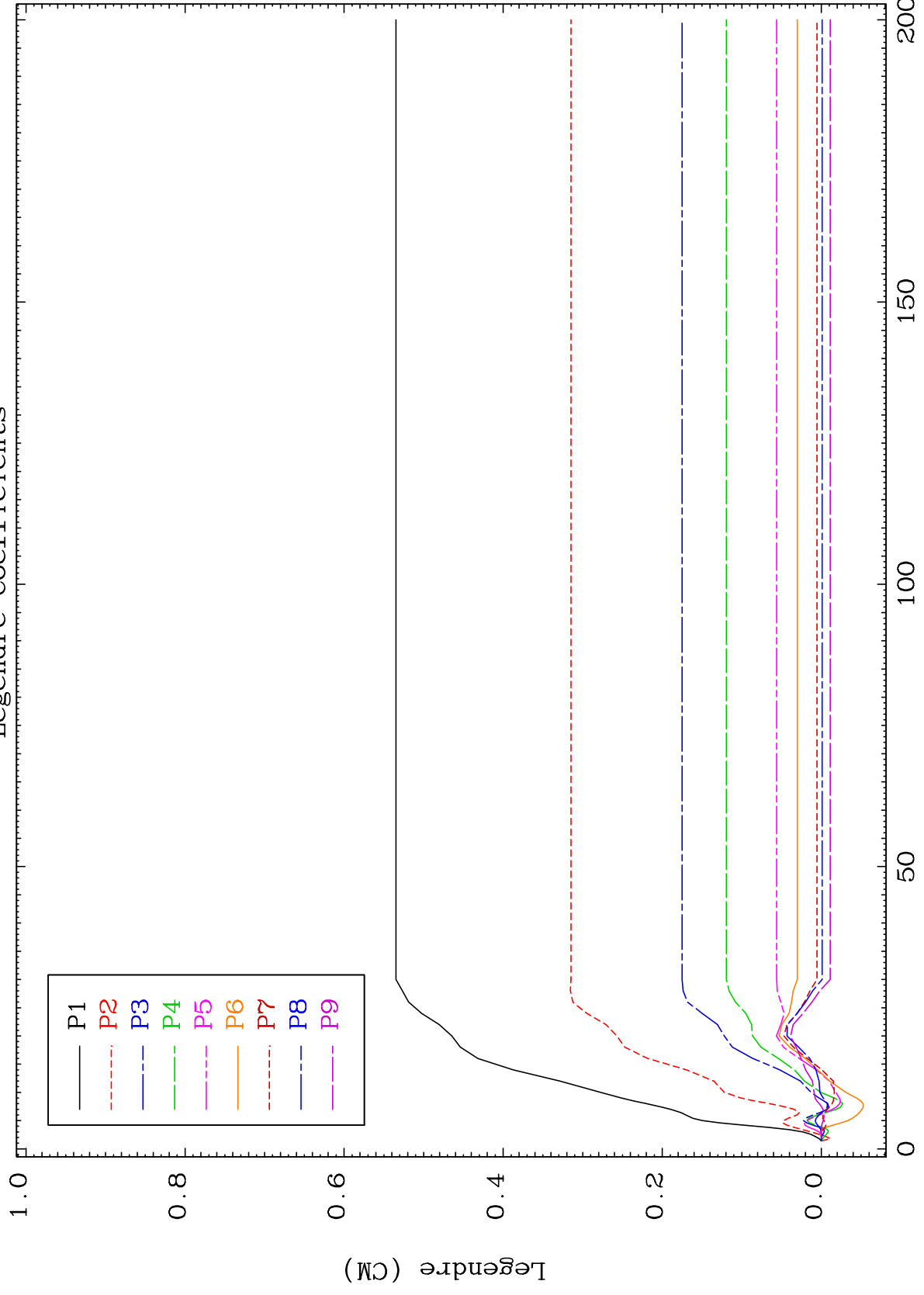
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



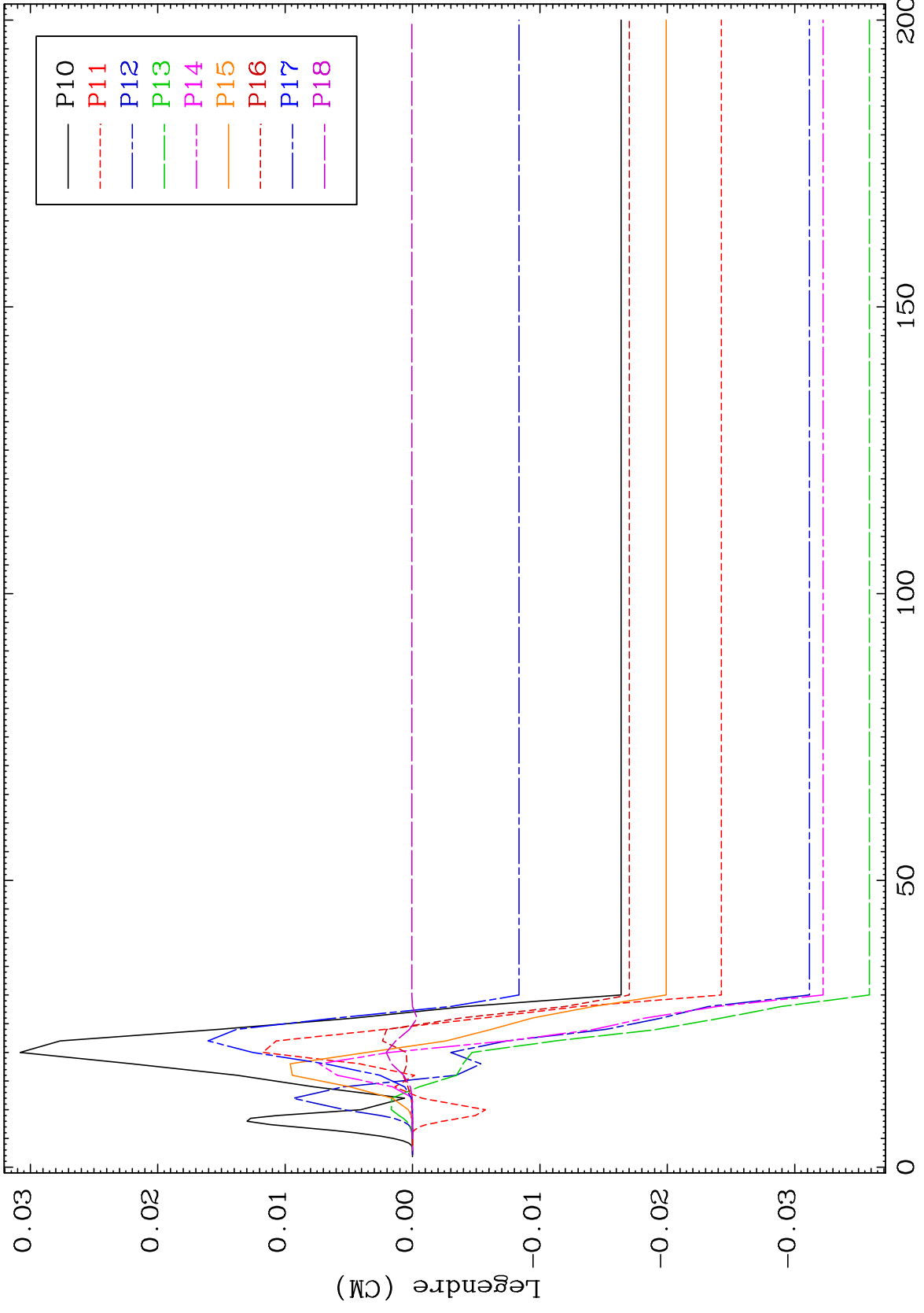
76-Os-182

Incident Energy (MeV)

55



MAT 7619 MT= 60 (n,n') Level Legendre Coefficients 76-Os-182

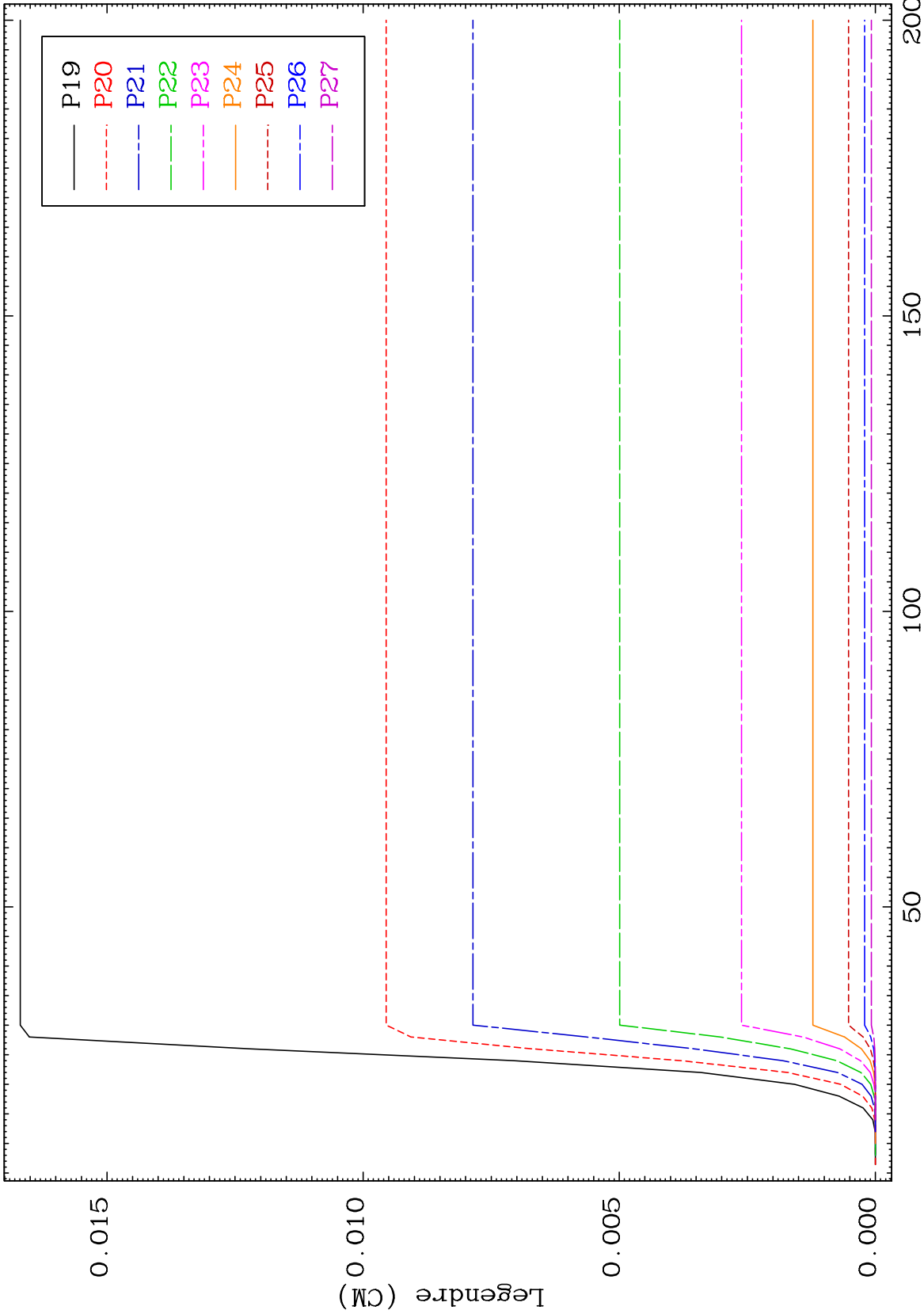


56 76-Os-182

MAT 7619

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

76-Os-182



57

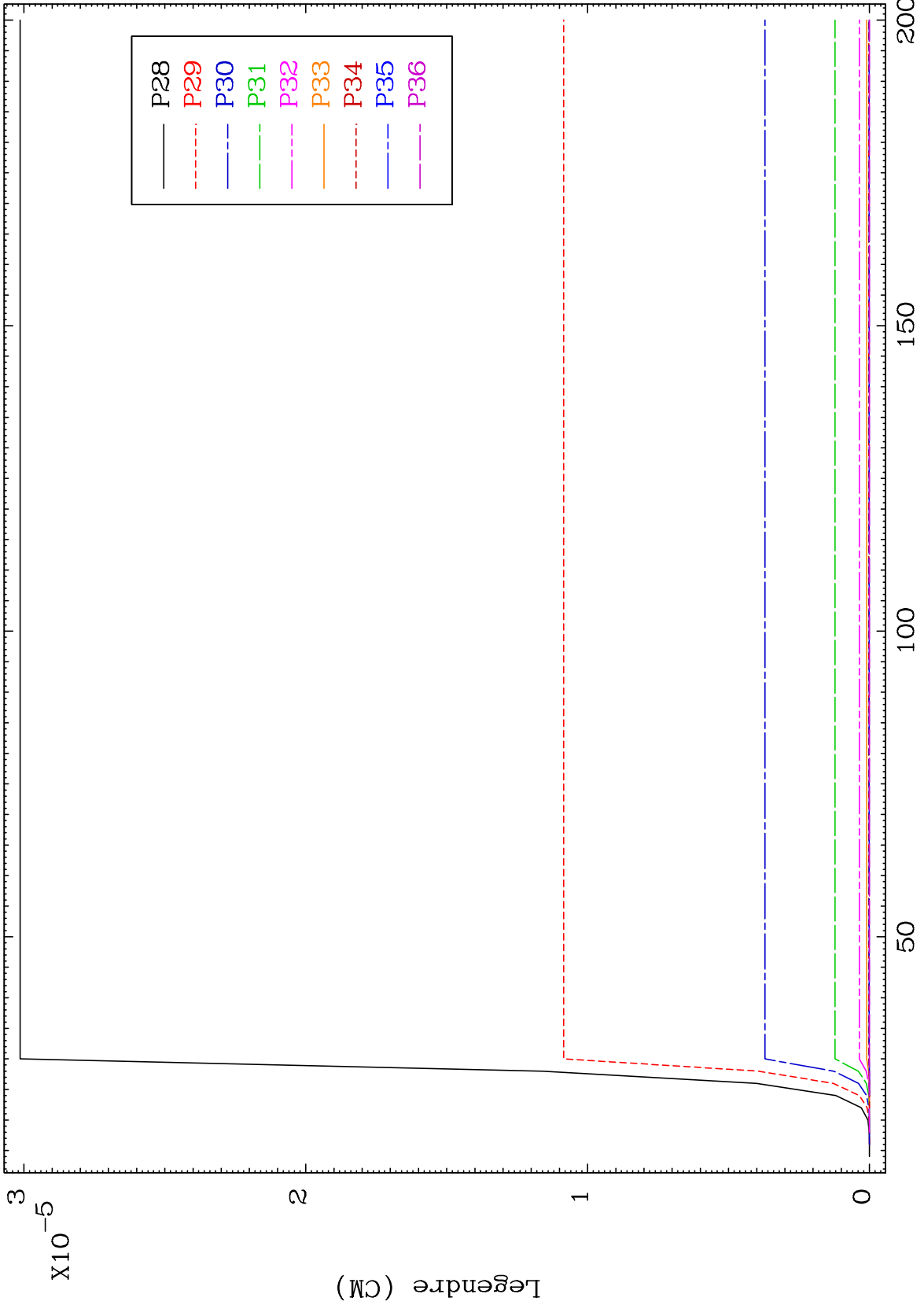
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



58

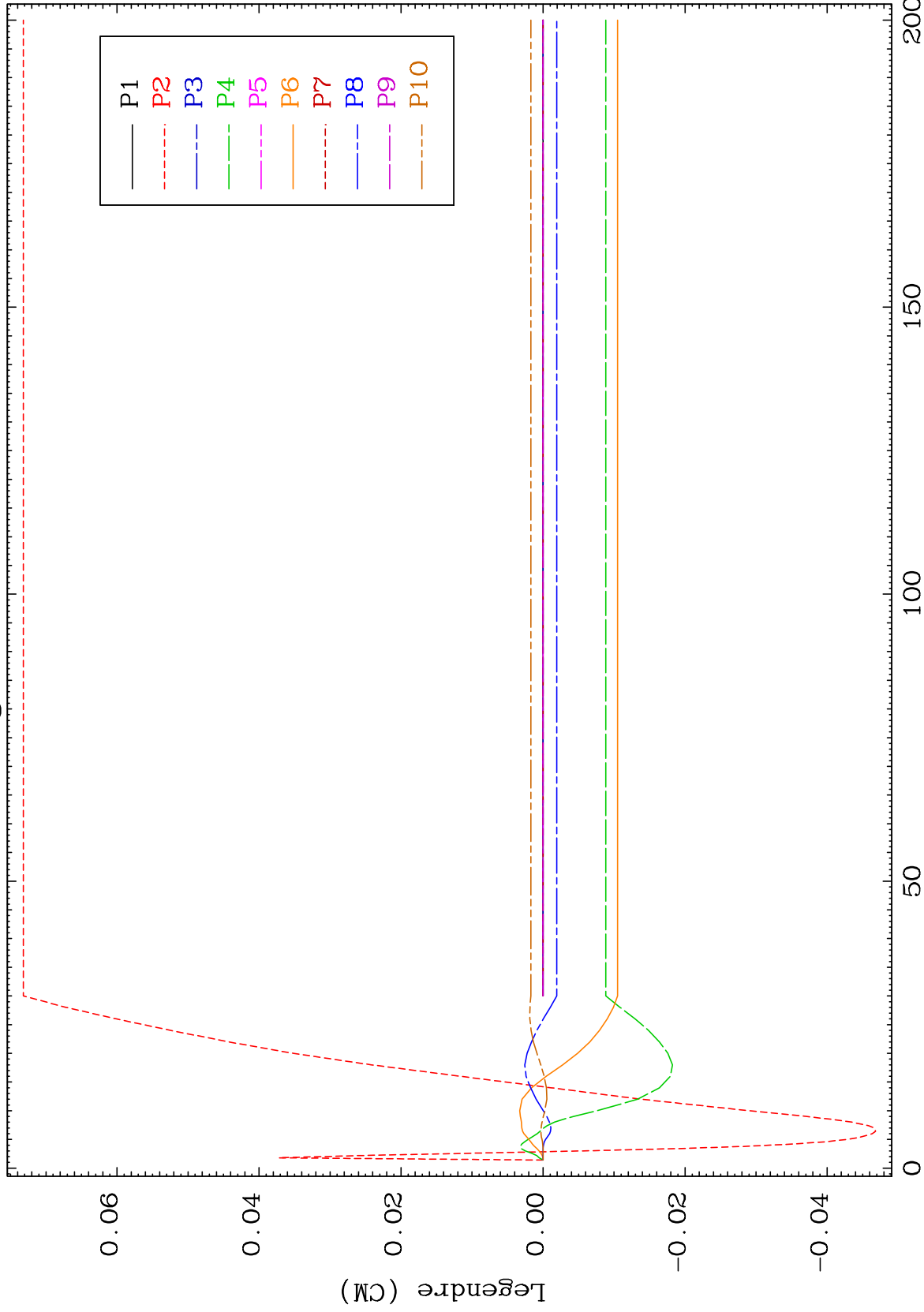
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



59

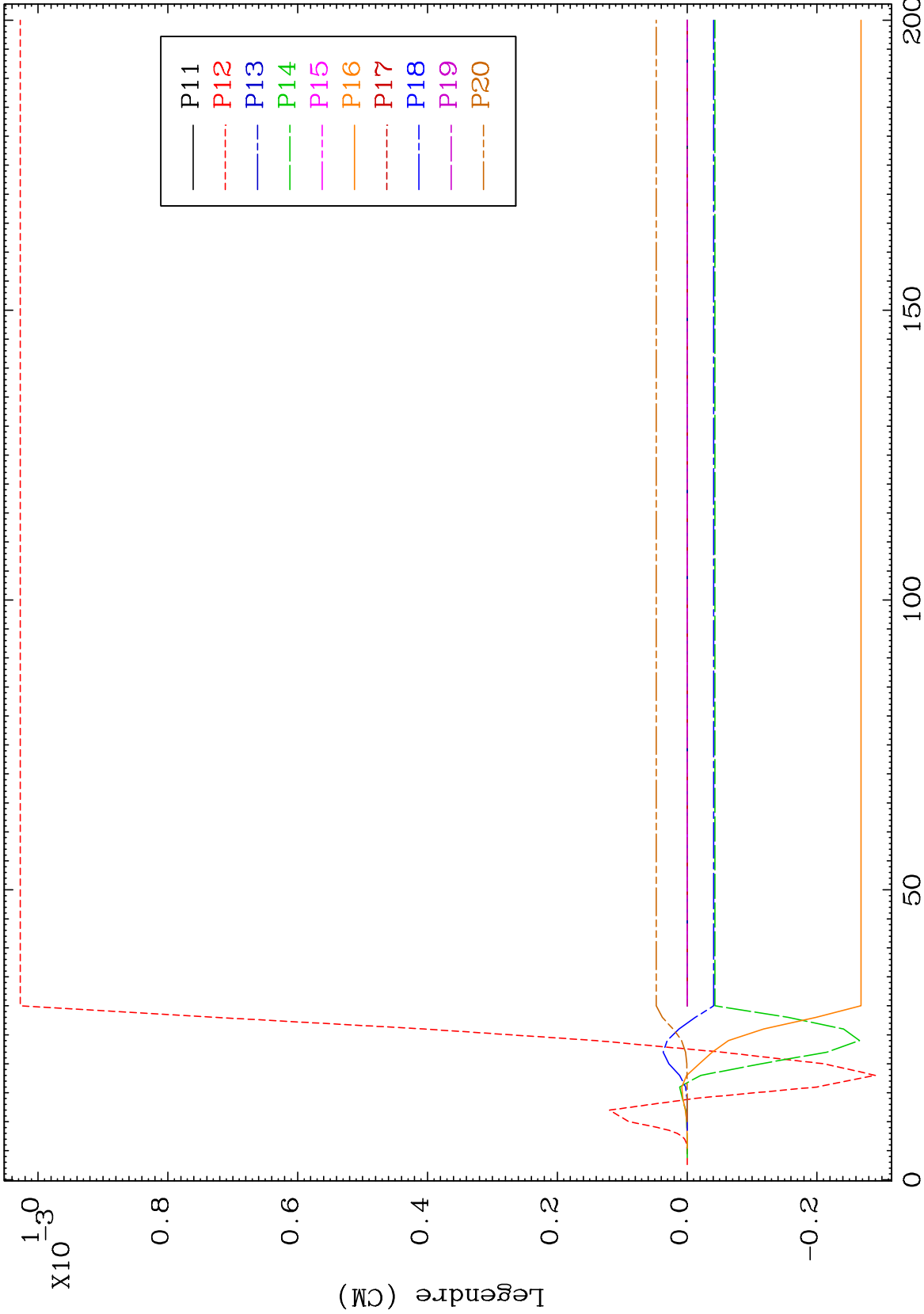
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



60

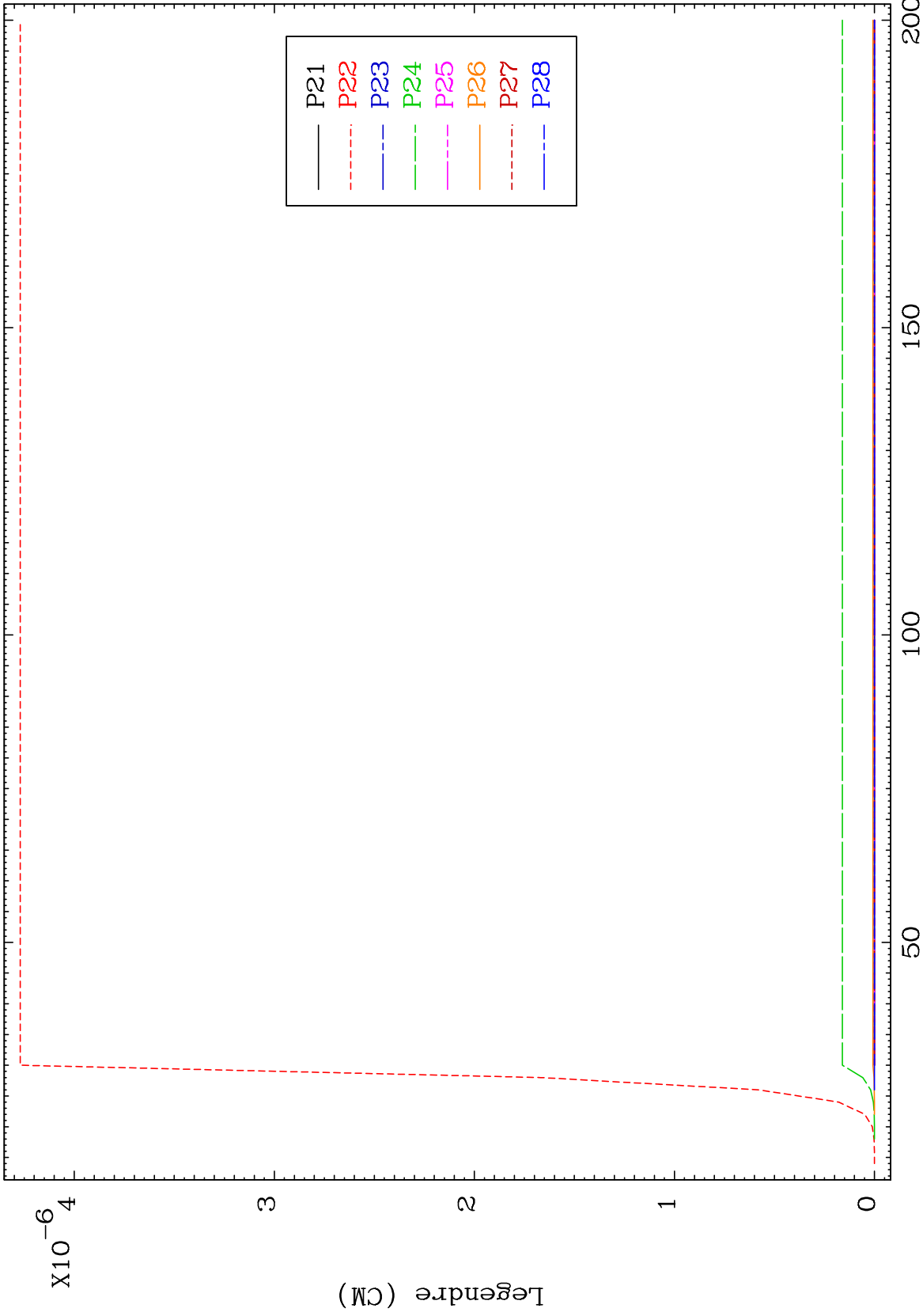
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



61

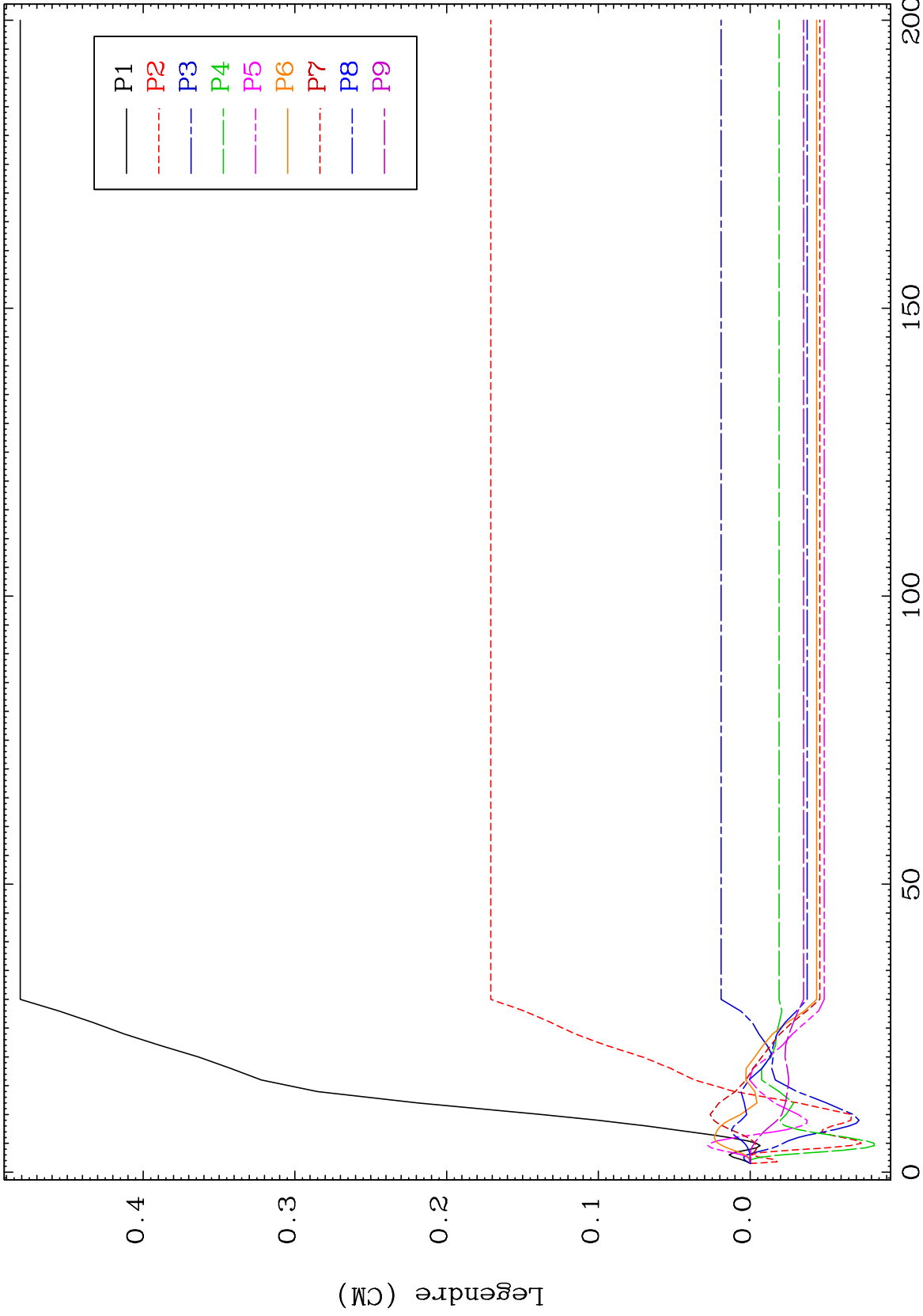
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



62

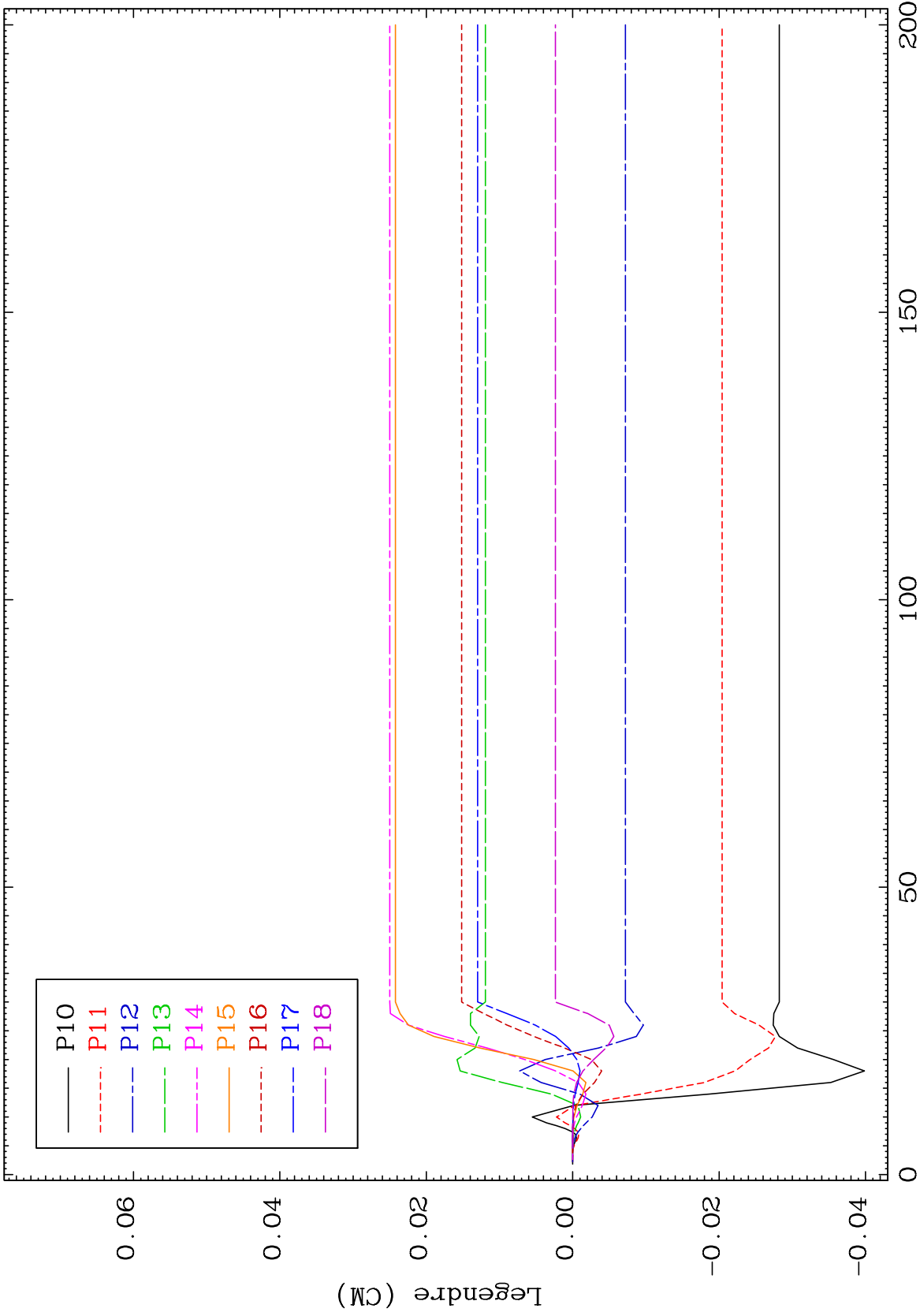
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-0s-182



63

Incident Energy (MeV)

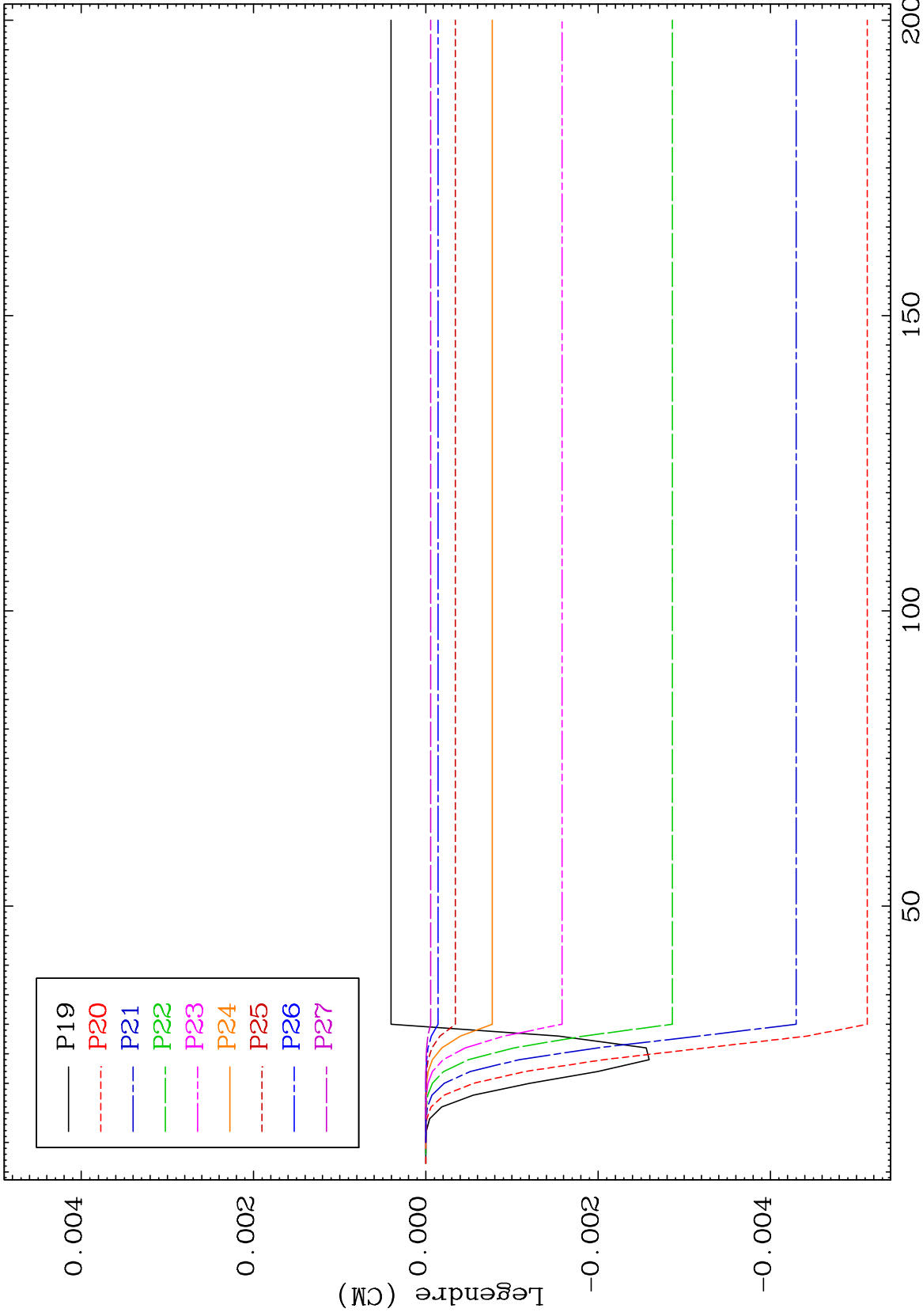
76-0s-182



MAT 7619

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

76-Os-182



64

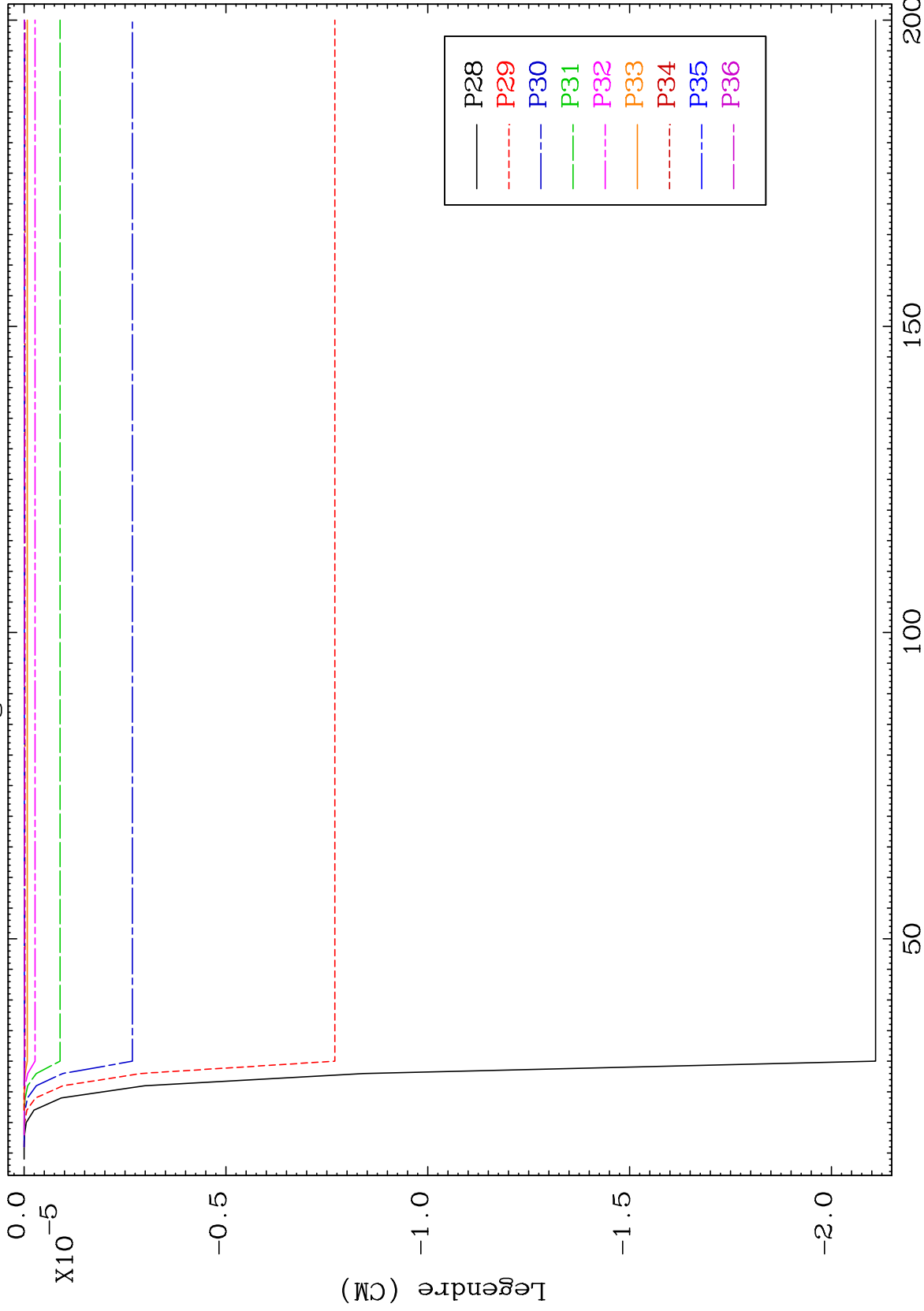
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182

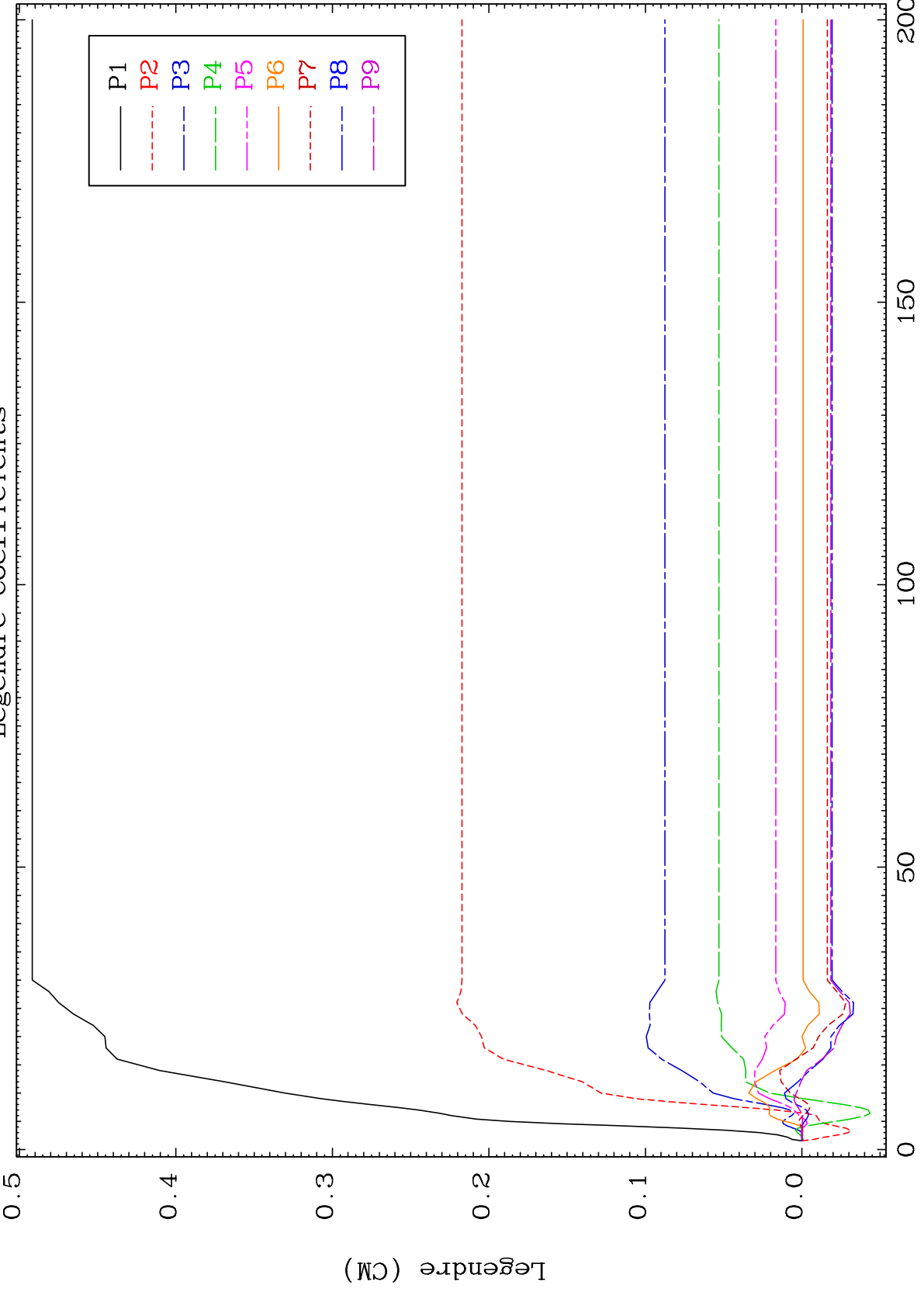


65

Incident Energy (MeV)

76-Os-182

MAT 7619 MT= 63 (n,n') Level Legendre Coefficients 76-Os-182

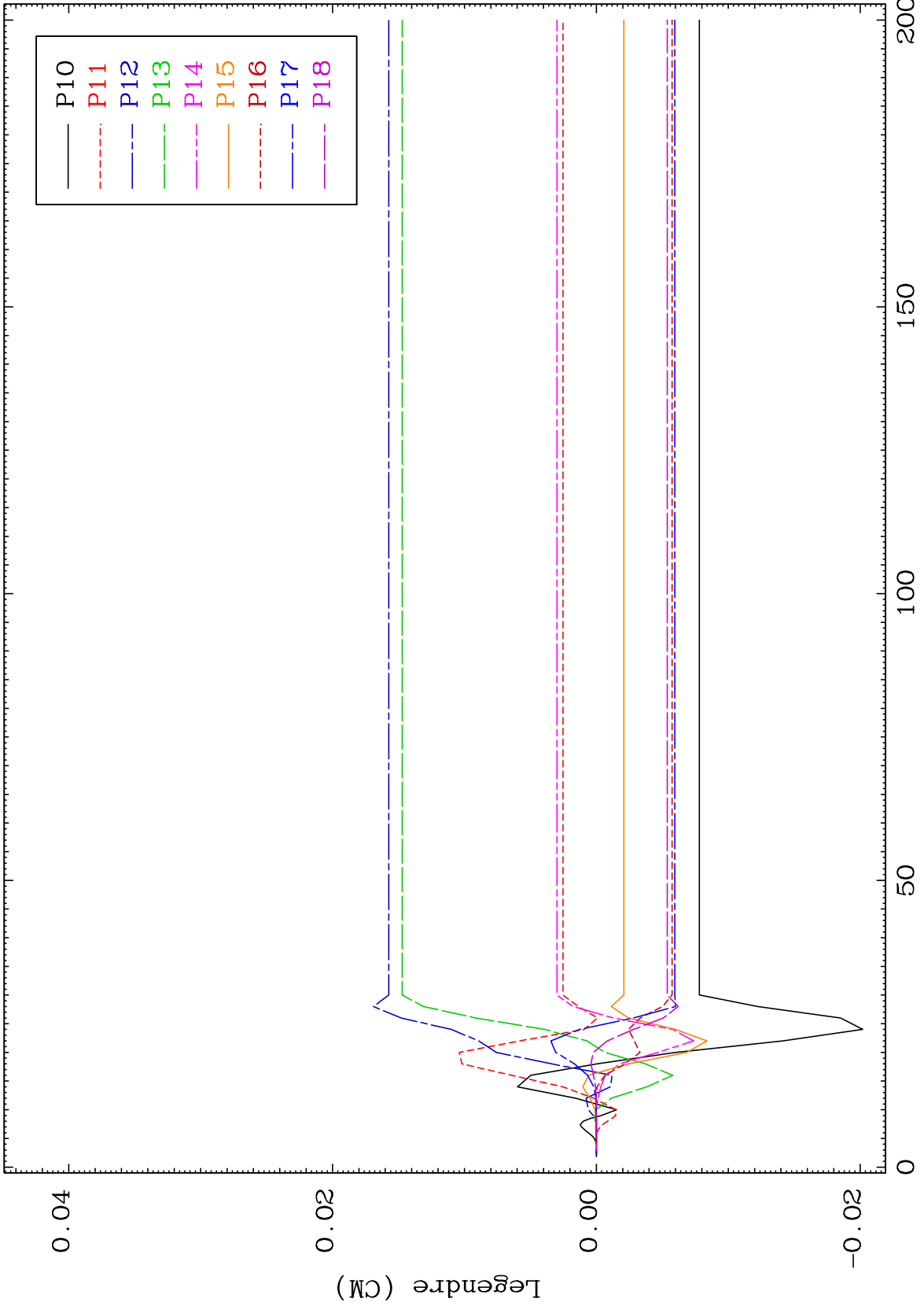


66 Incident Energy (MeV) 76-Os-182

MAT 7619

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

76-Os-182



67

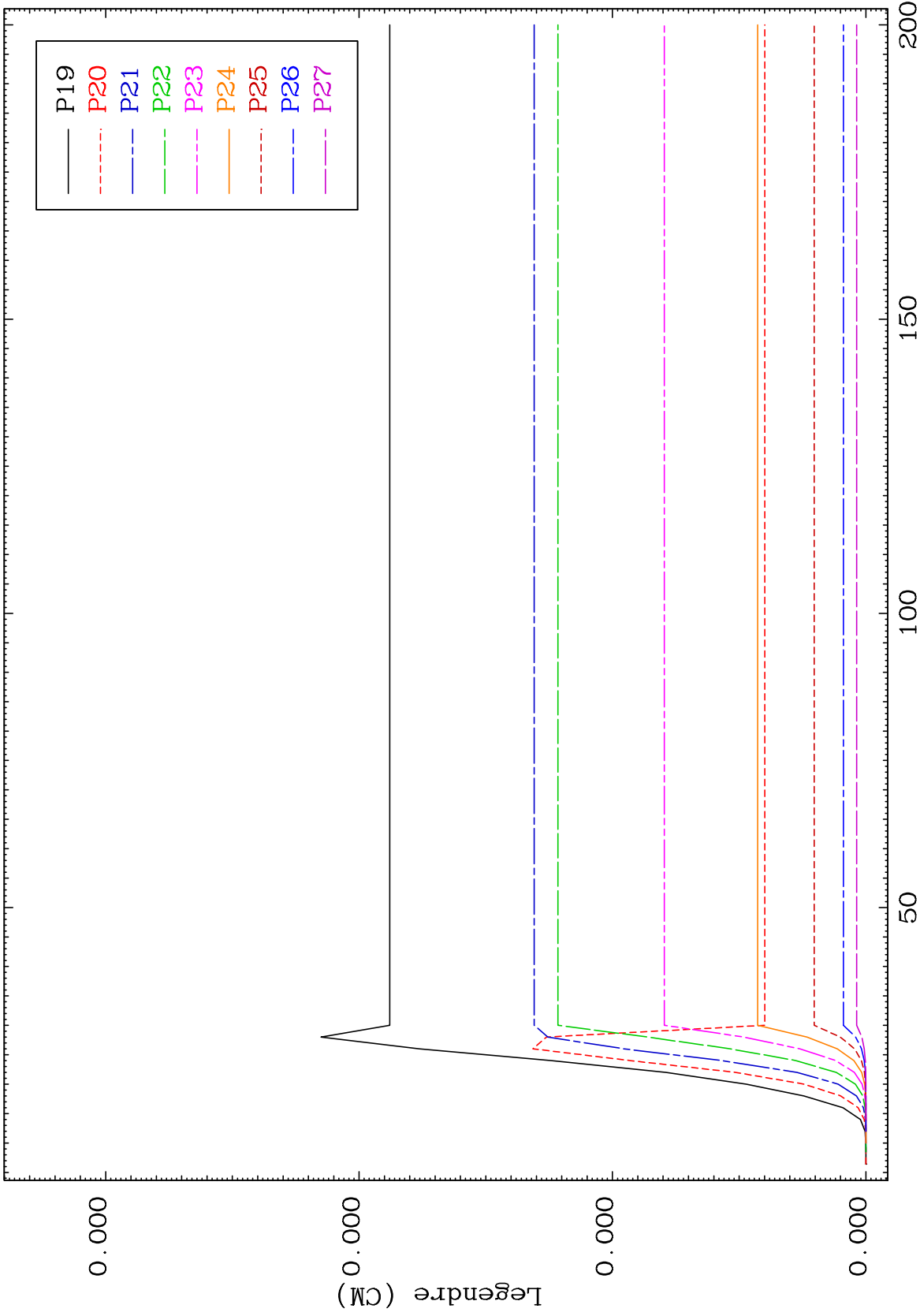
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



68

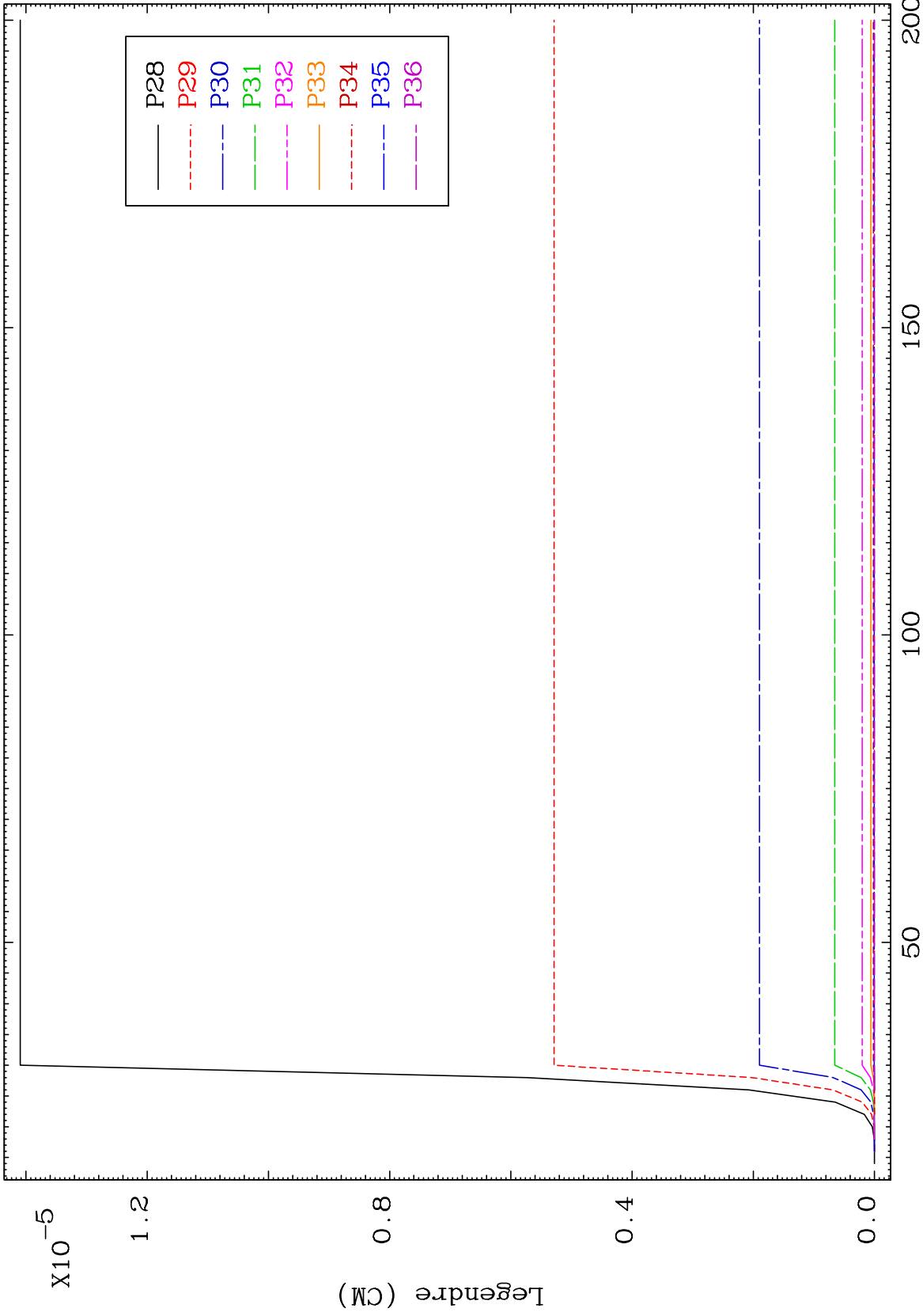
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



69

Incident Energy (MeV)

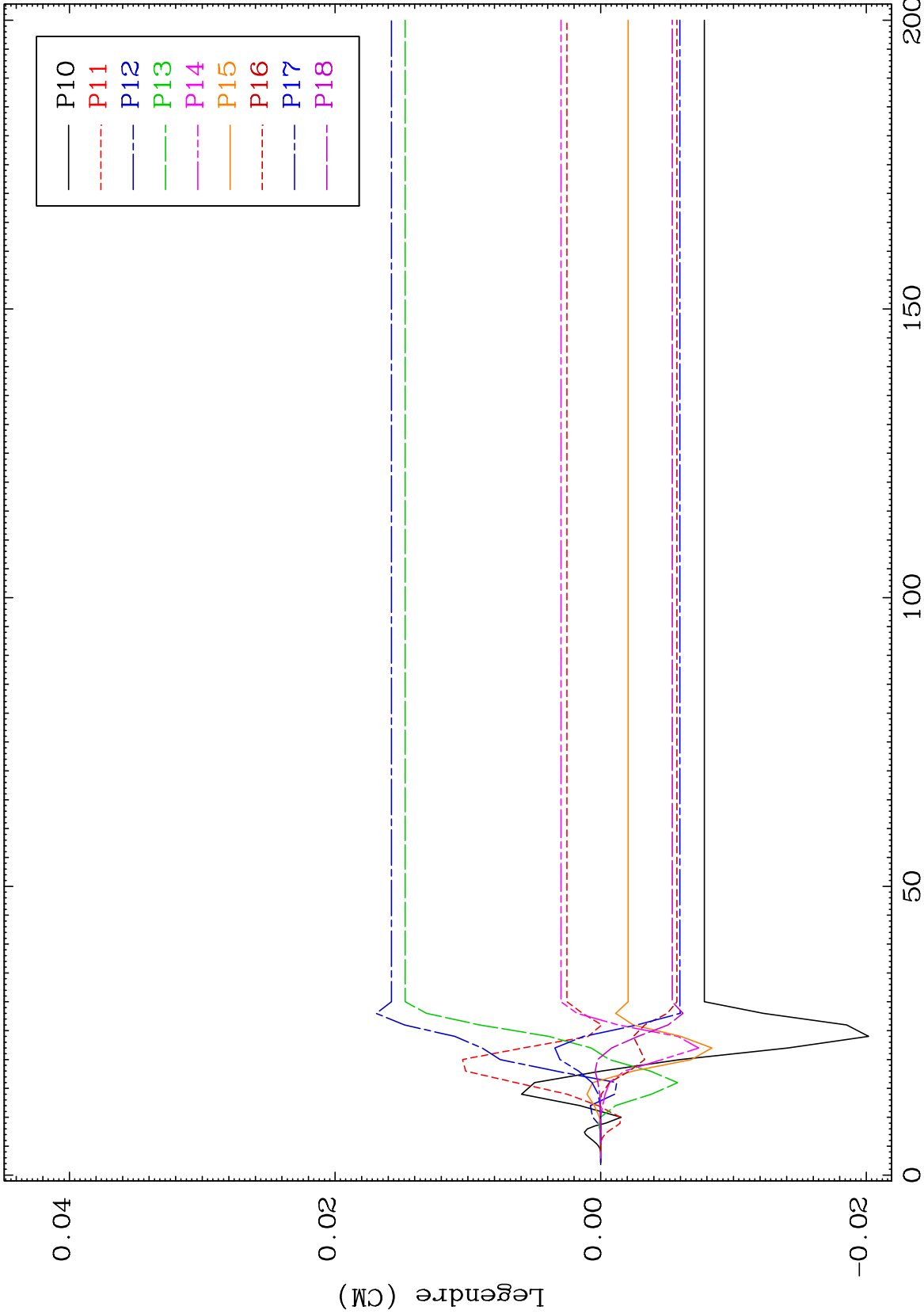
76-Os-182



MAT 7619

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

76-Os-182



71

Incident Energy (MeV)

76-Os-182

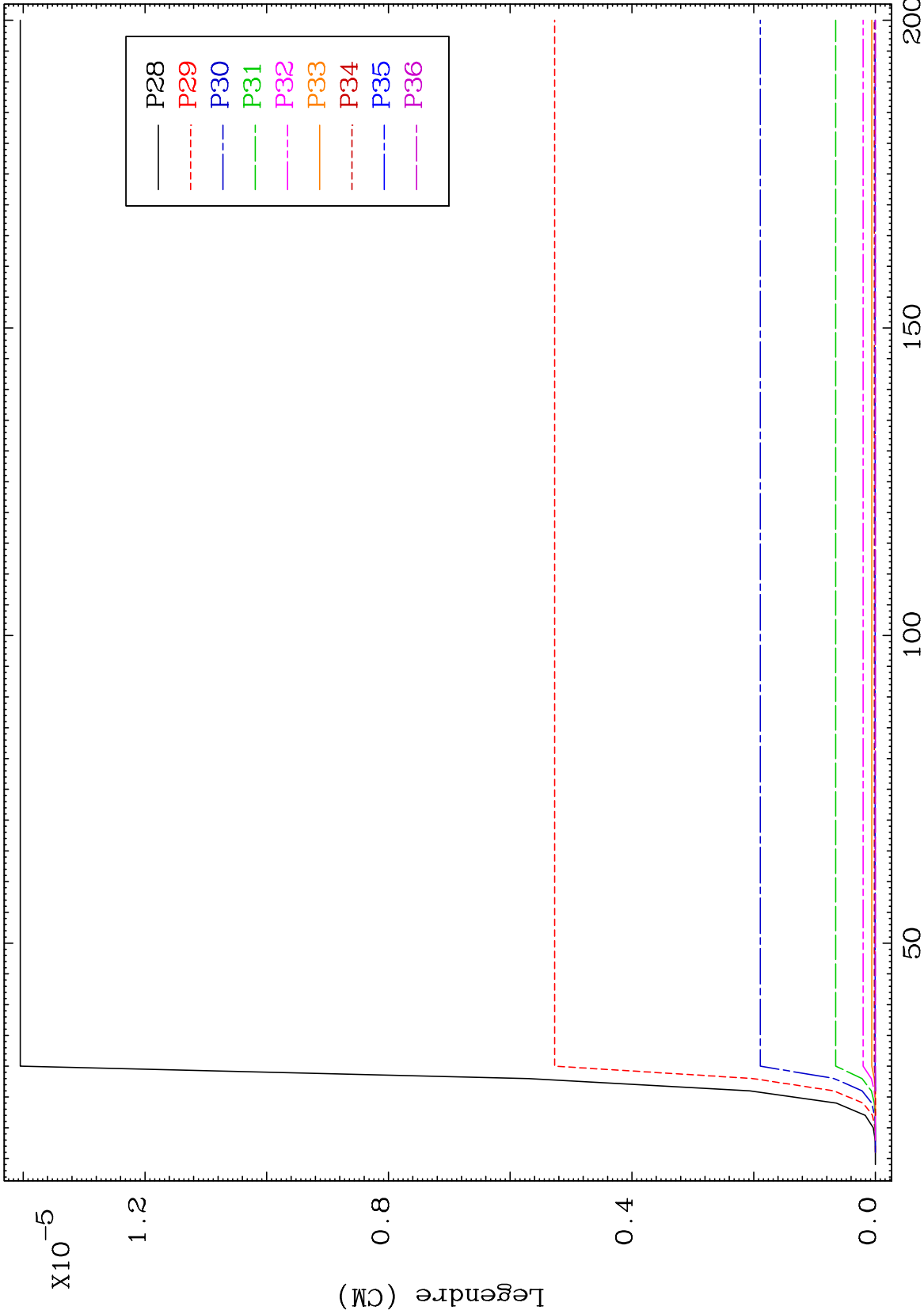




MAT 7619

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

76-Os-182



73

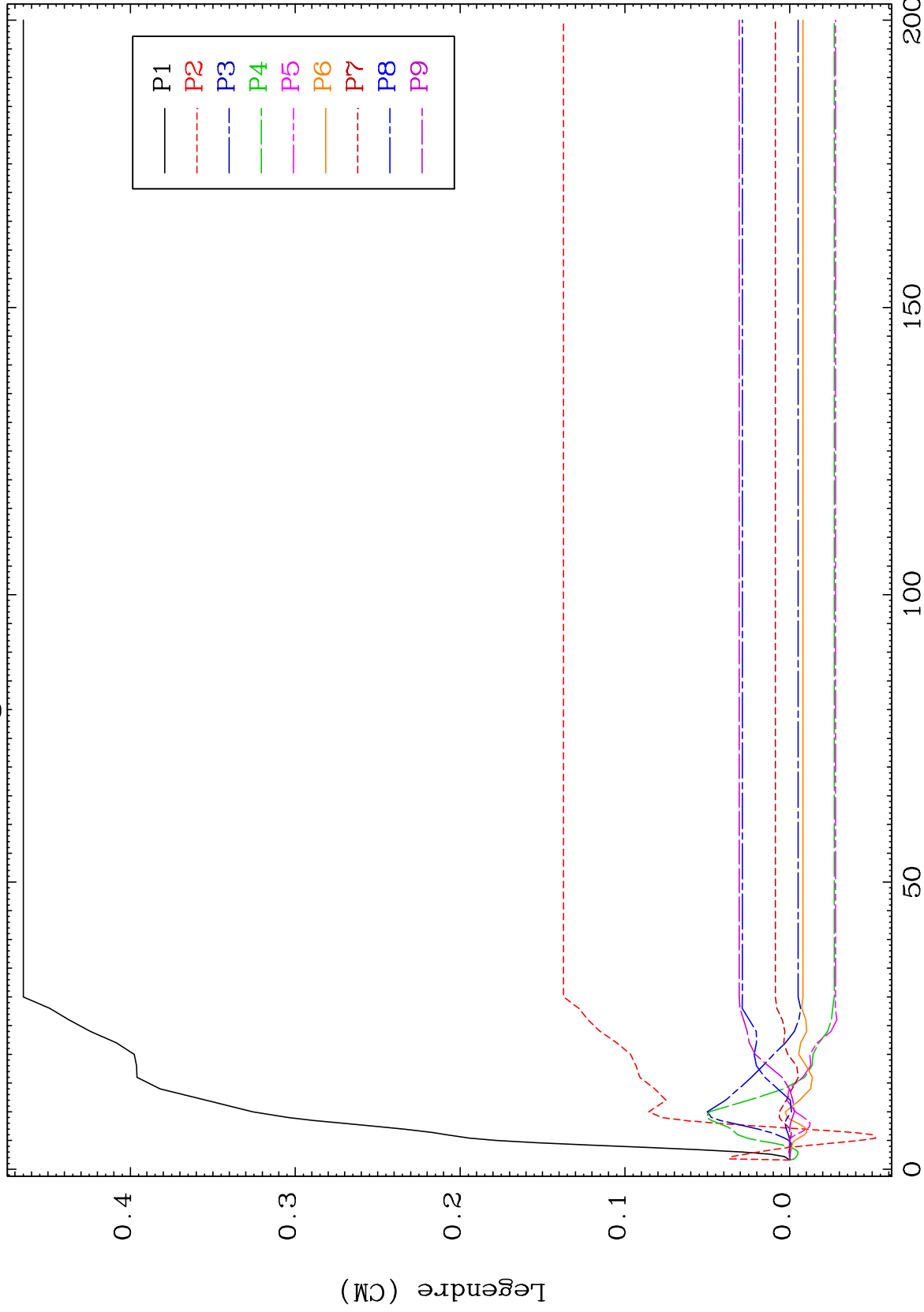
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



74

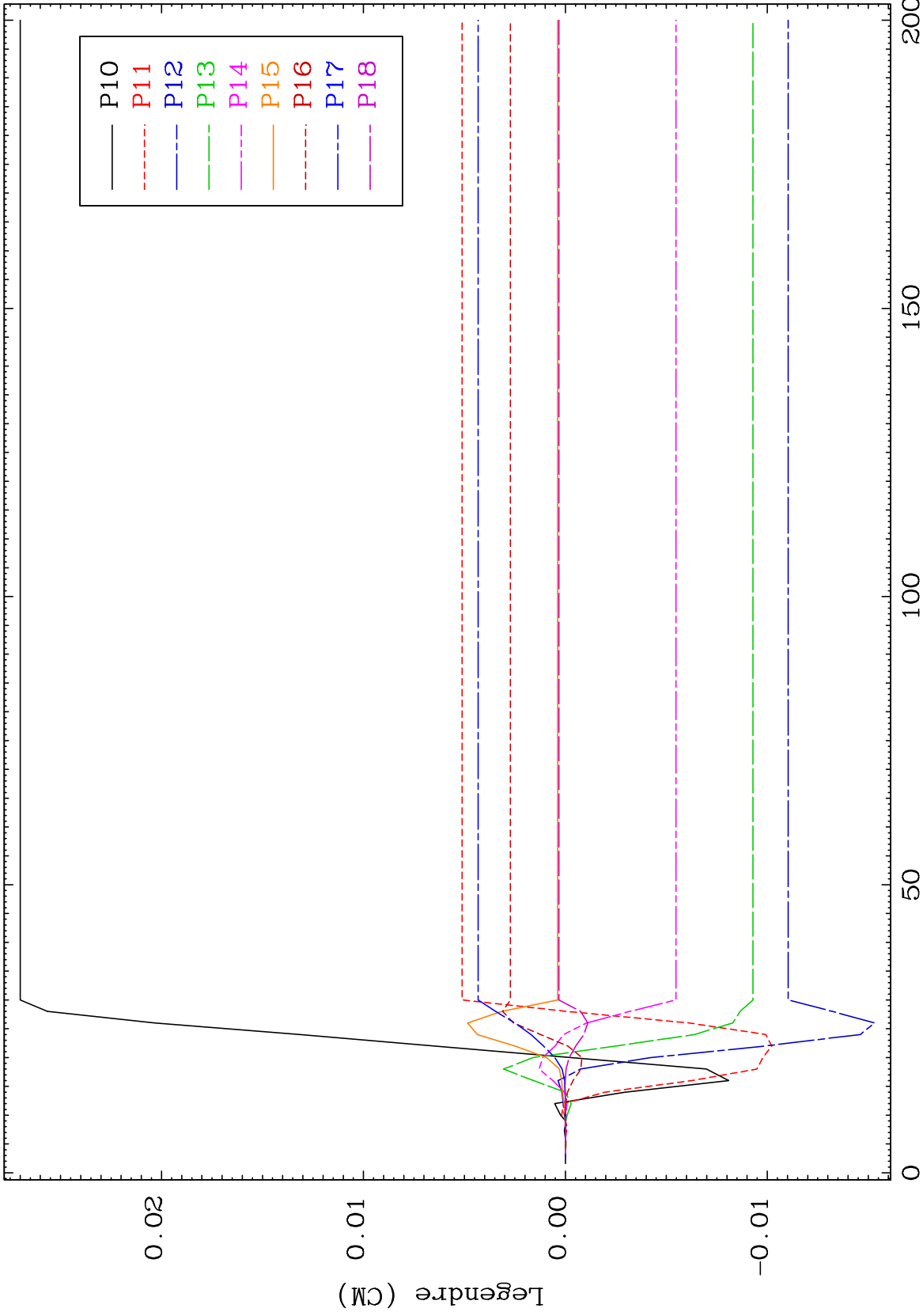
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



75

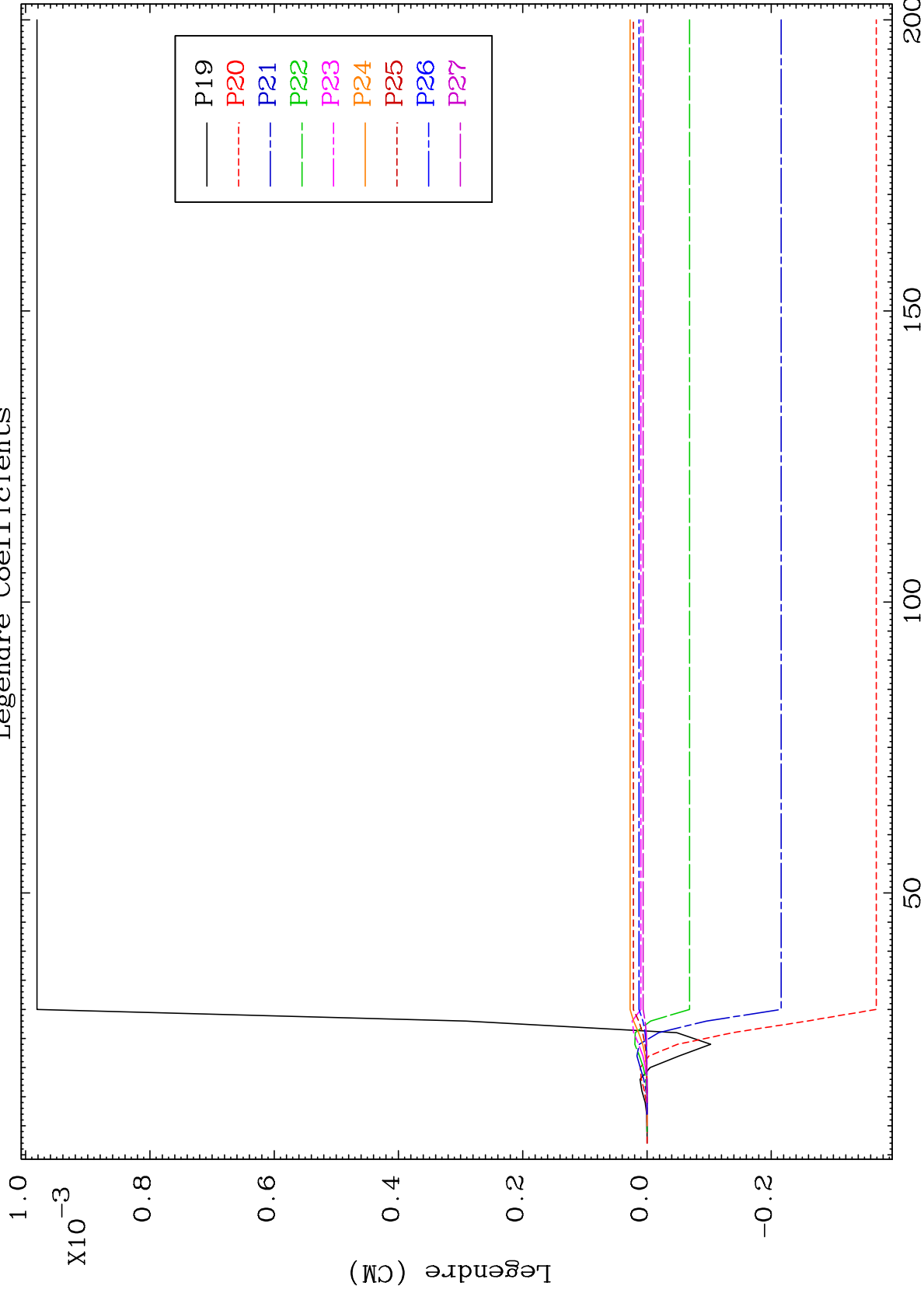
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



76

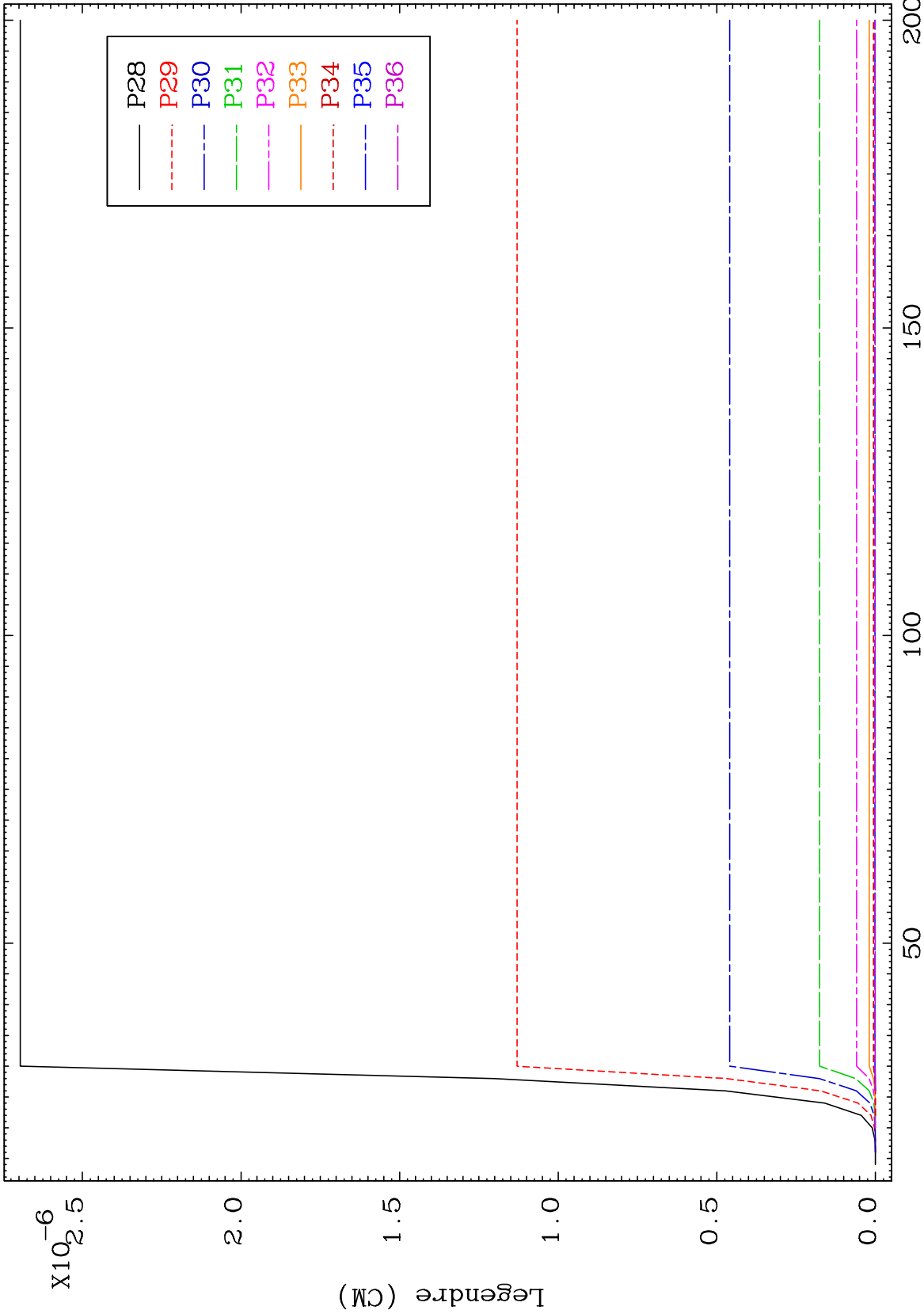
Incident Energy (MeV)

76-Os-182

MAT 7619

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

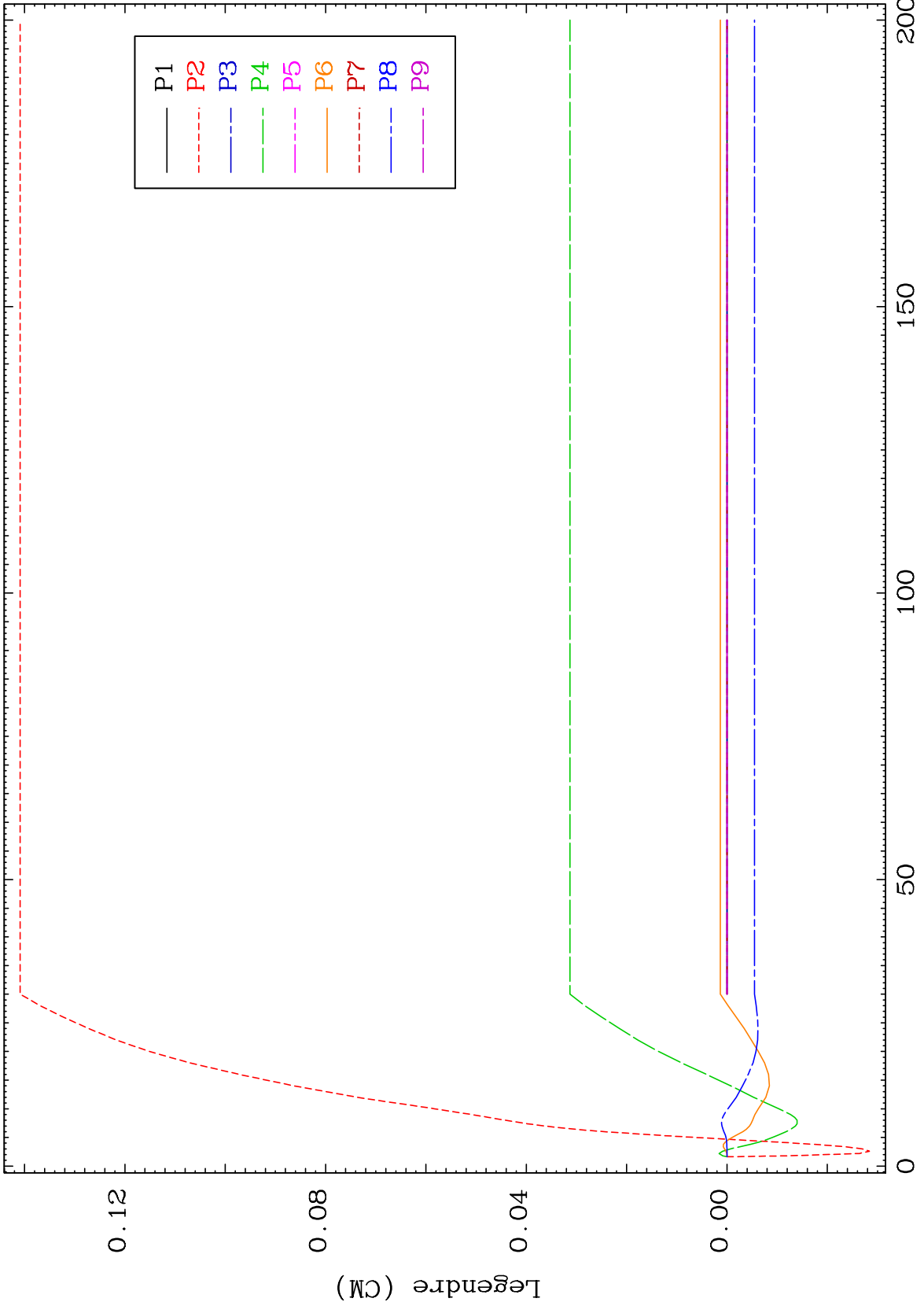
76-Os-182



77

76-Os-182

MAT 7619 MT= 66 (n,n') Level Legendre Coefficients 76-Os-182

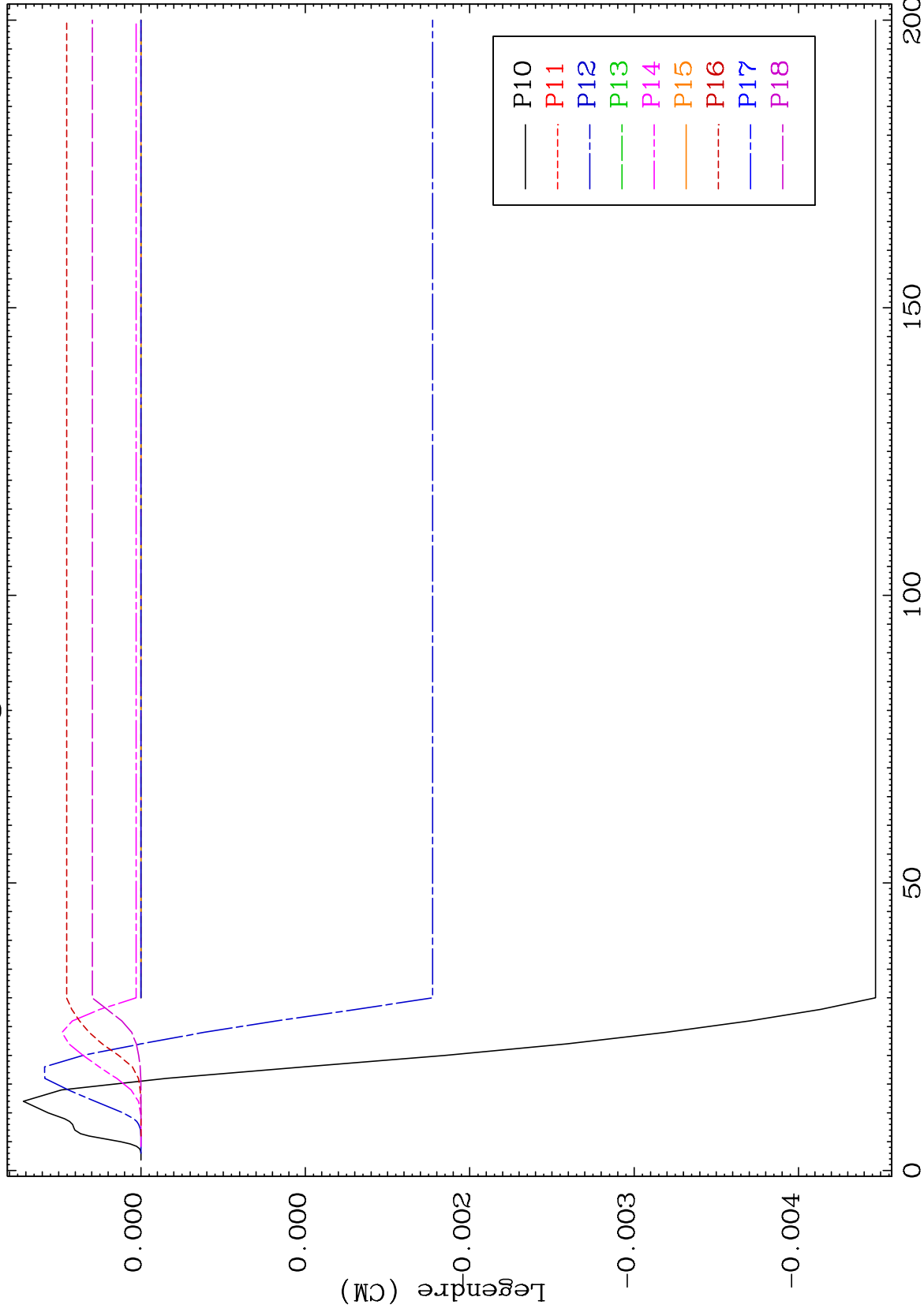


78 76-Os-182

MAT 7619

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

76-Os-182



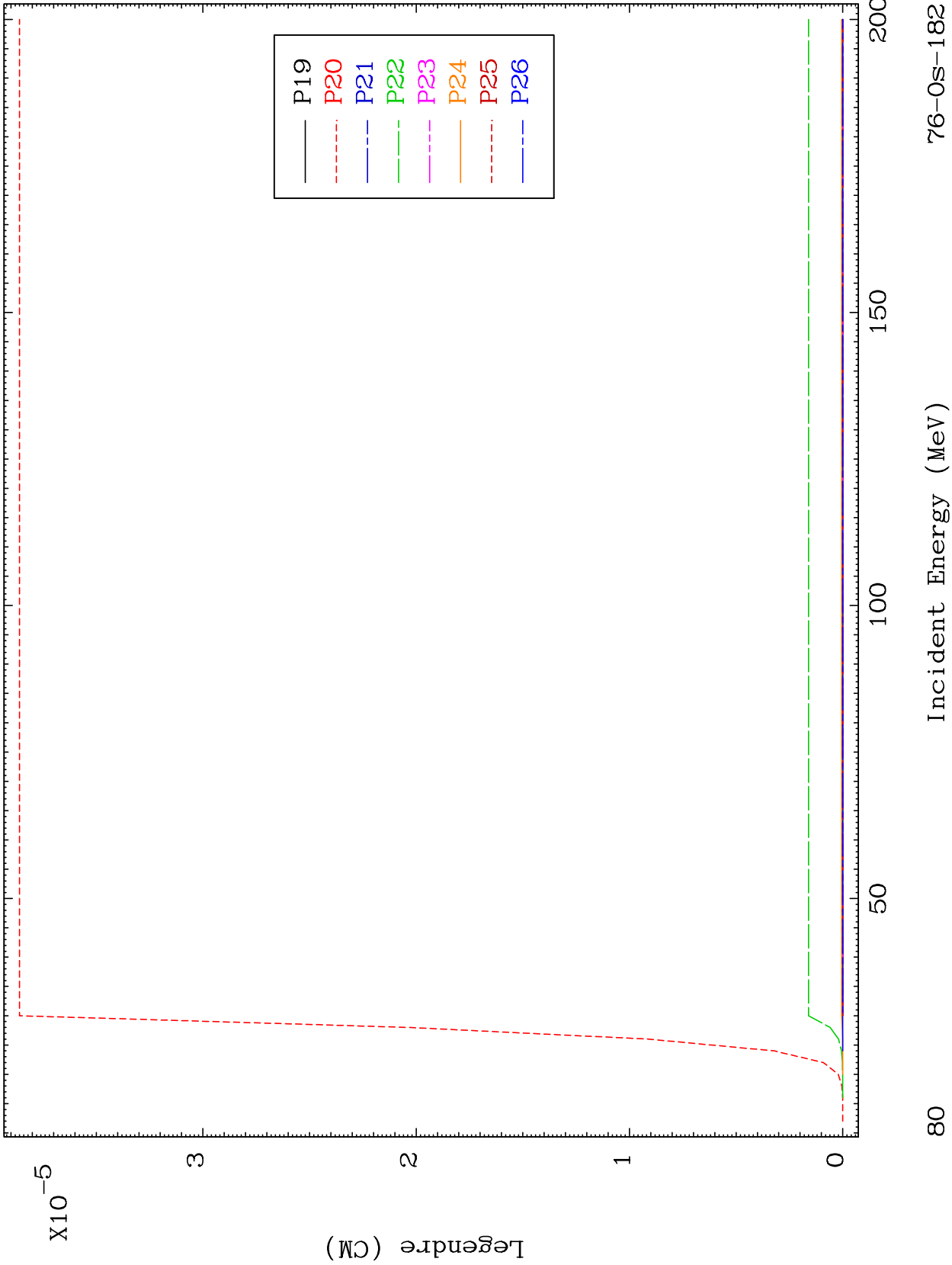
79

Incident Energy (MeV)

76-Os-182



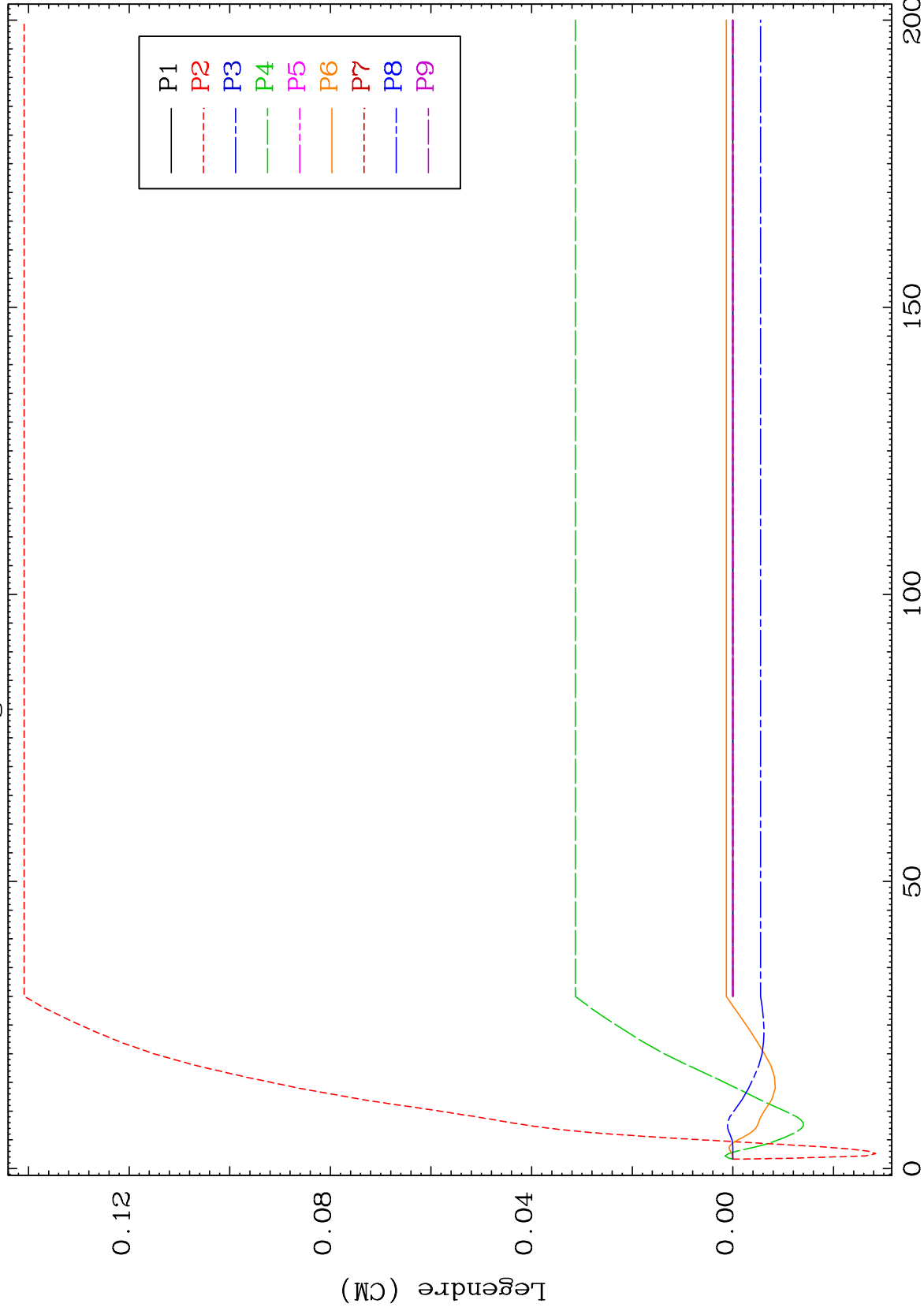
MAT 7619 MT= 66 (n,n') Level Legendre Coefficients 76-Os-182



MAT 7619

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

76-Os-182



81

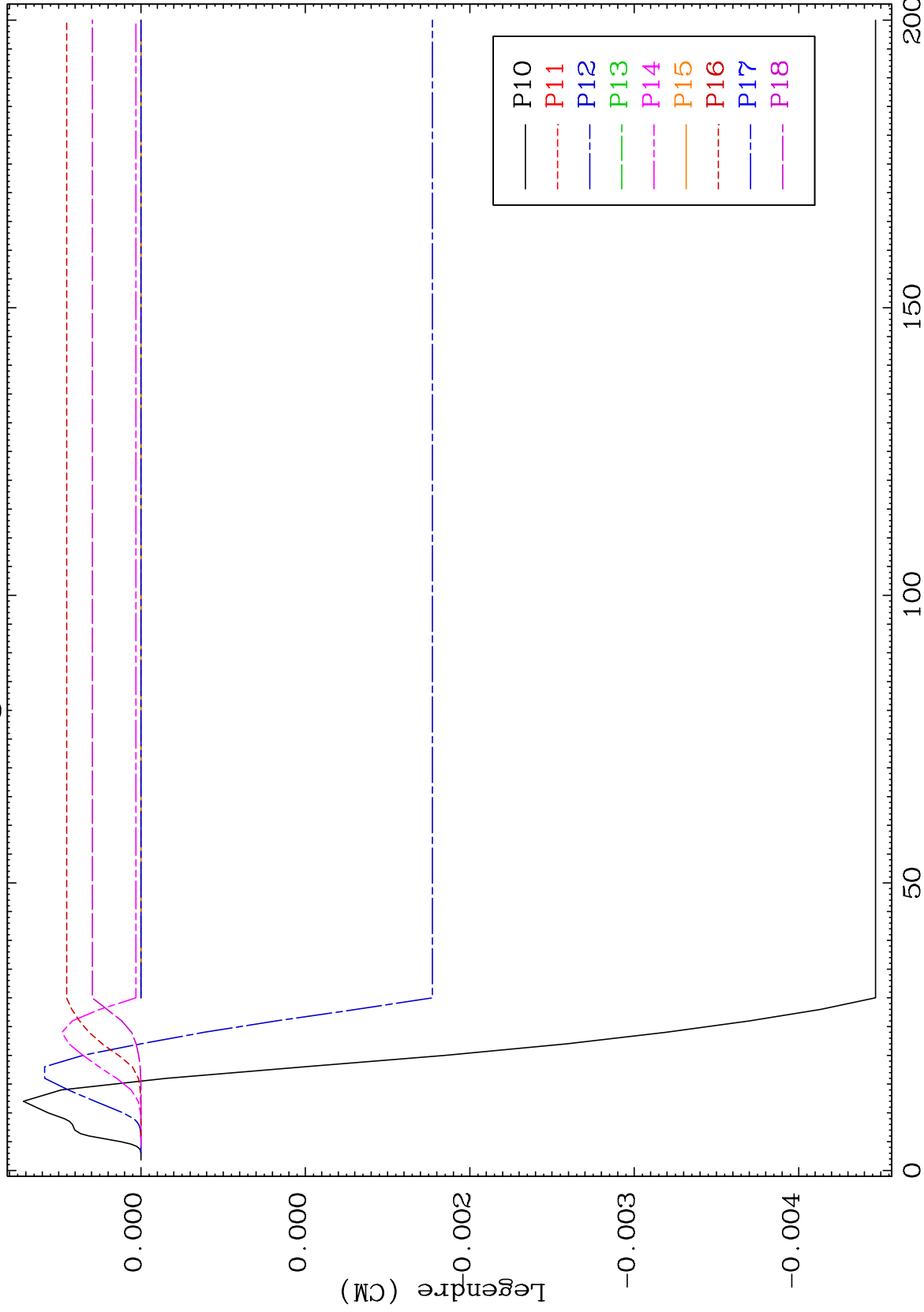
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



82

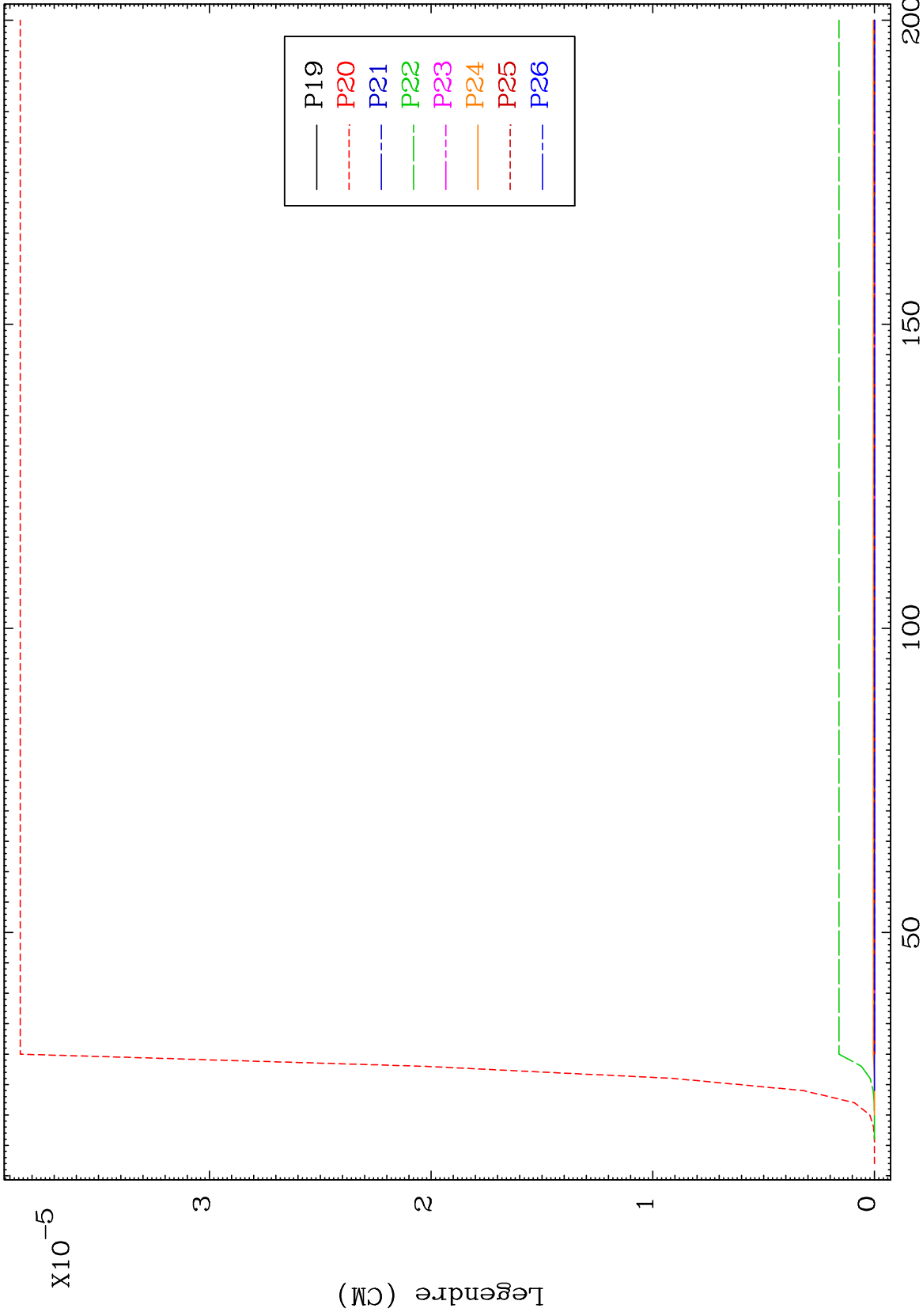
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182

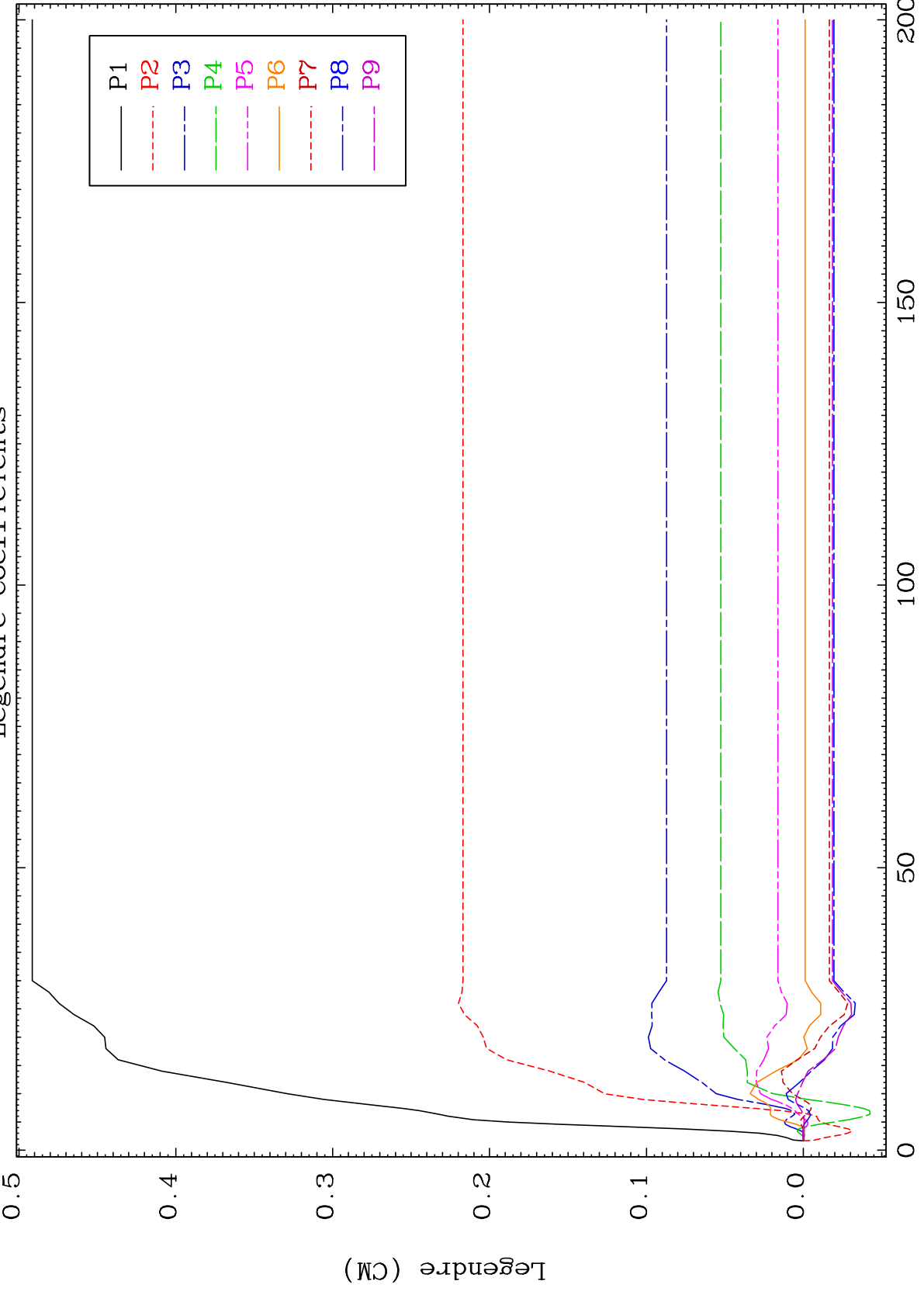


83

Incident Energy (MeV)

76-Os-182

MAT 7619 MT= 68 (n,n') Level Legendre Coefficients 76-Os-182

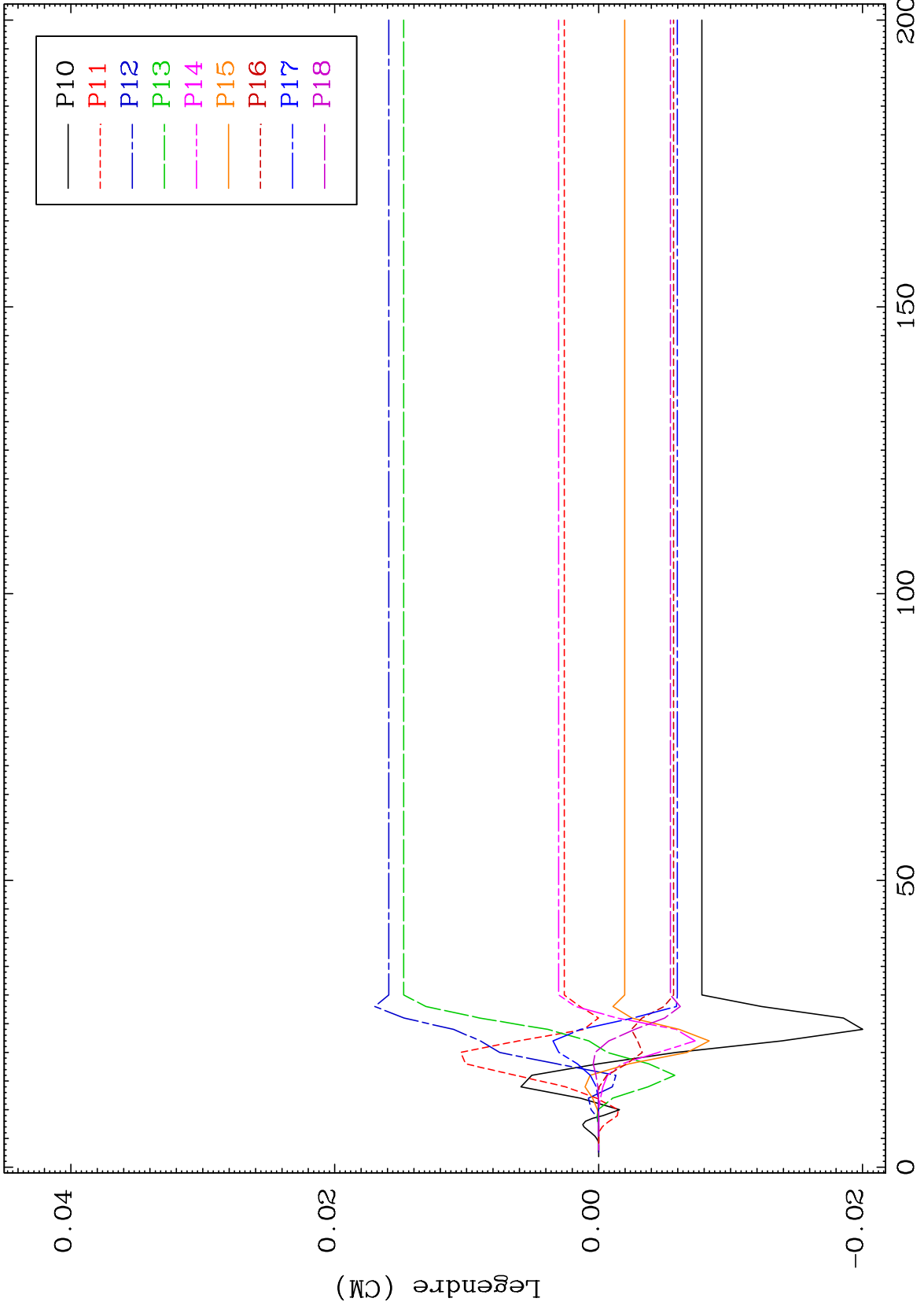


84 Incident Energy (MeV) 76-Os-182

MAT 7619

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

76-Os-182



85

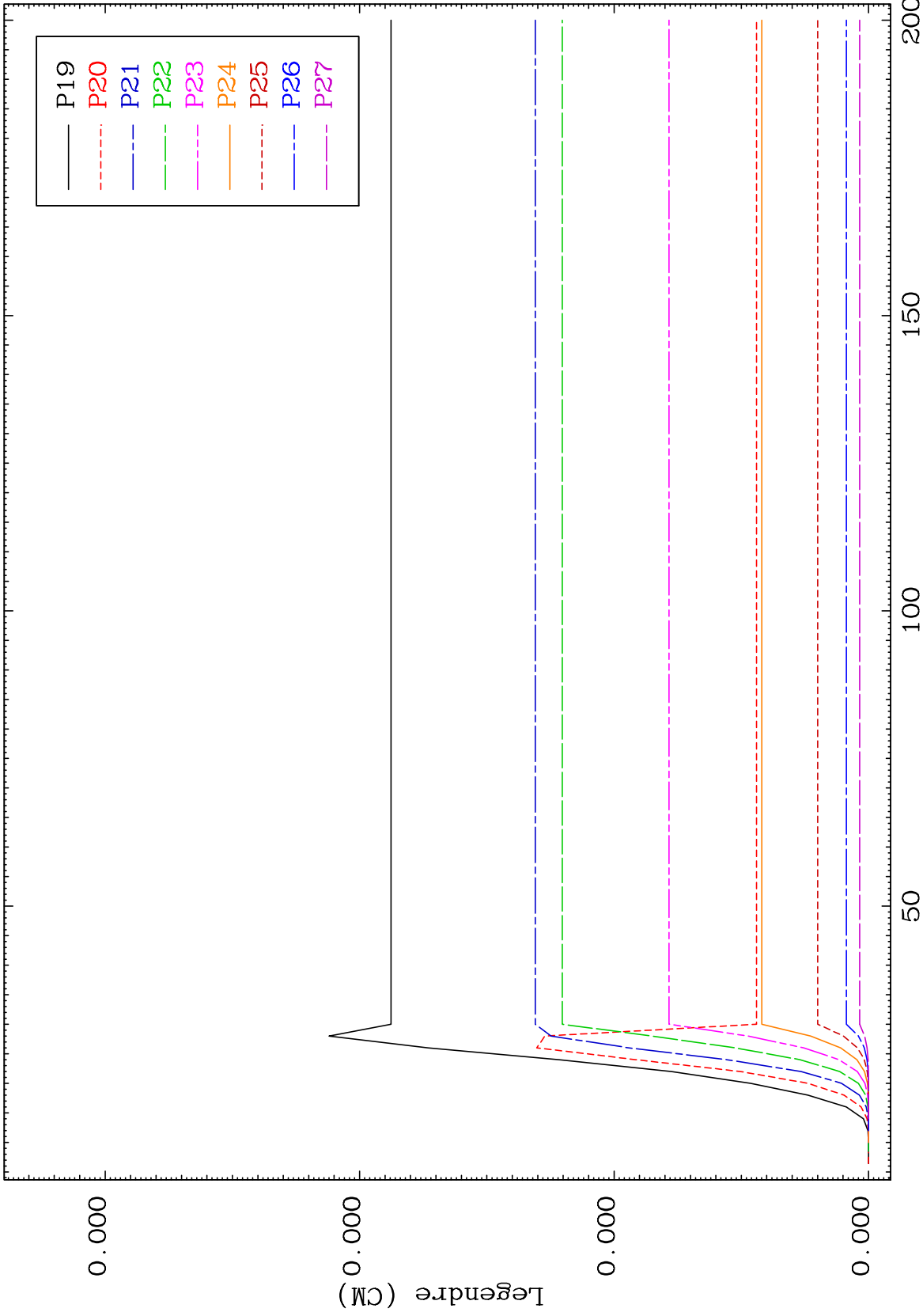
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



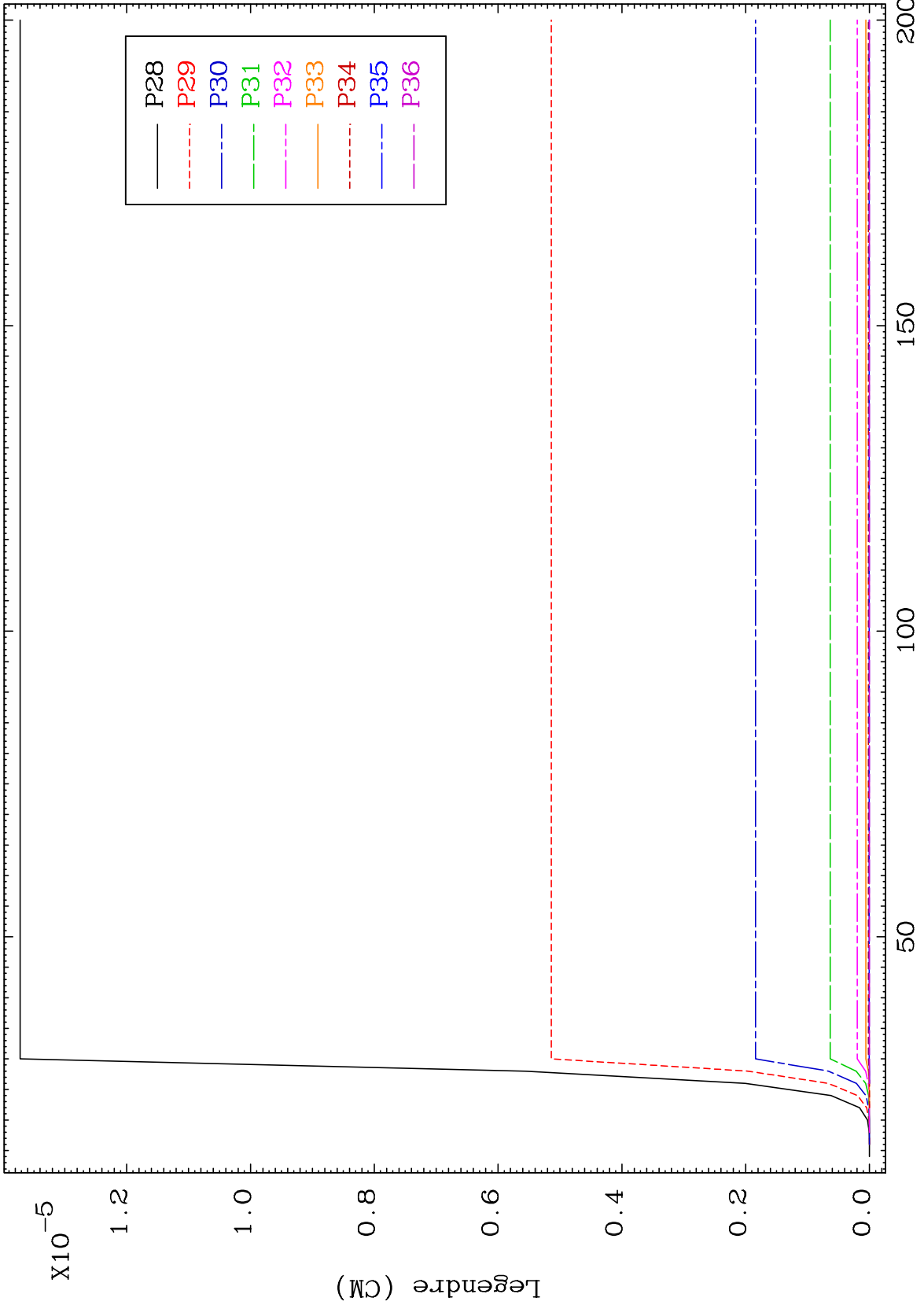
86

76-Os-182

MAT 7619

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

76-Os-182



87

Incident Energy (MeV)

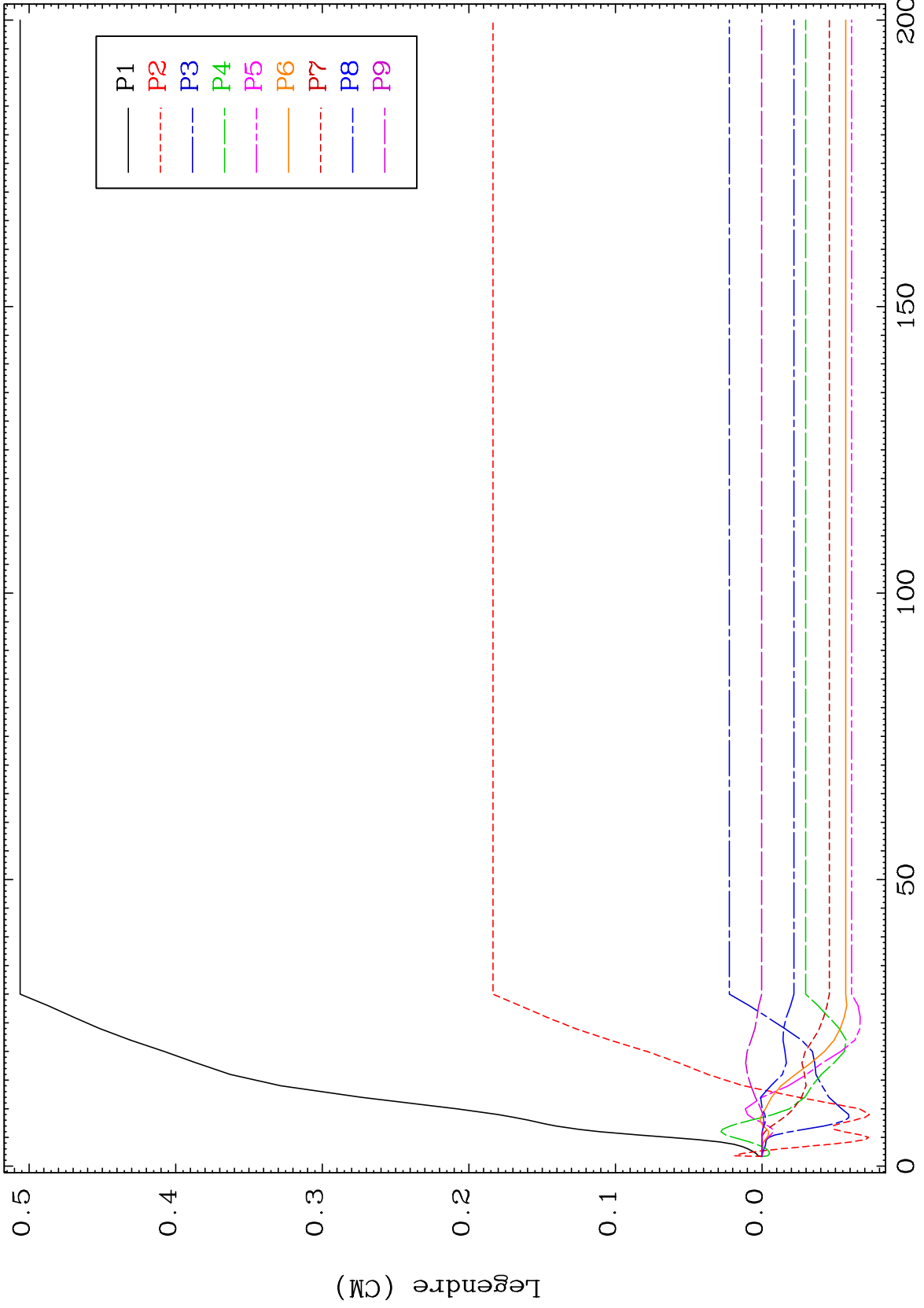
76-Os-182



MAT 7619

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

76-Os-182

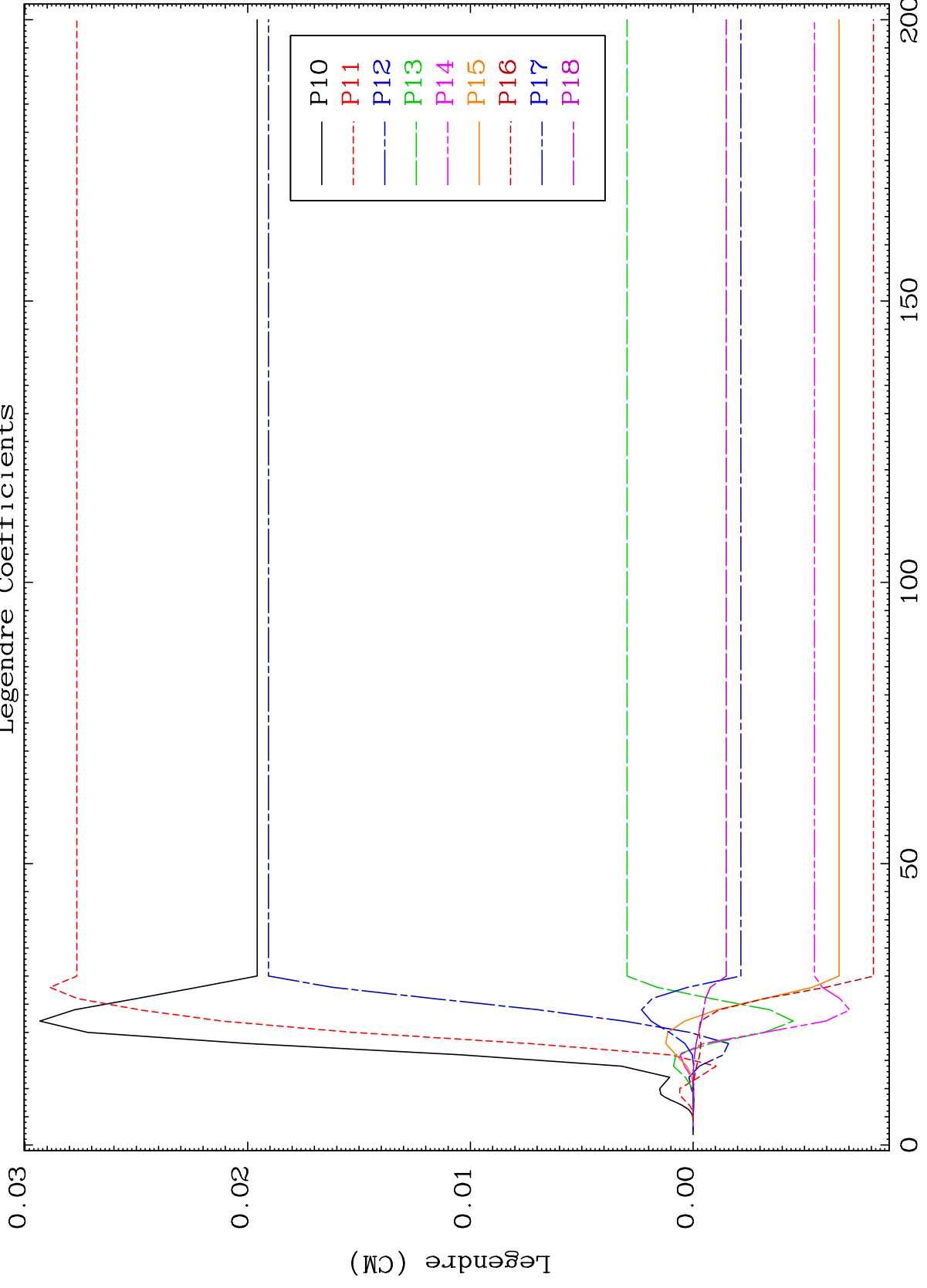


88

Incident Energy (MeV)

76-Os-182

MAT 7619 MT= 69 (n,n') Level Legendre Coefficients 76-Os-182

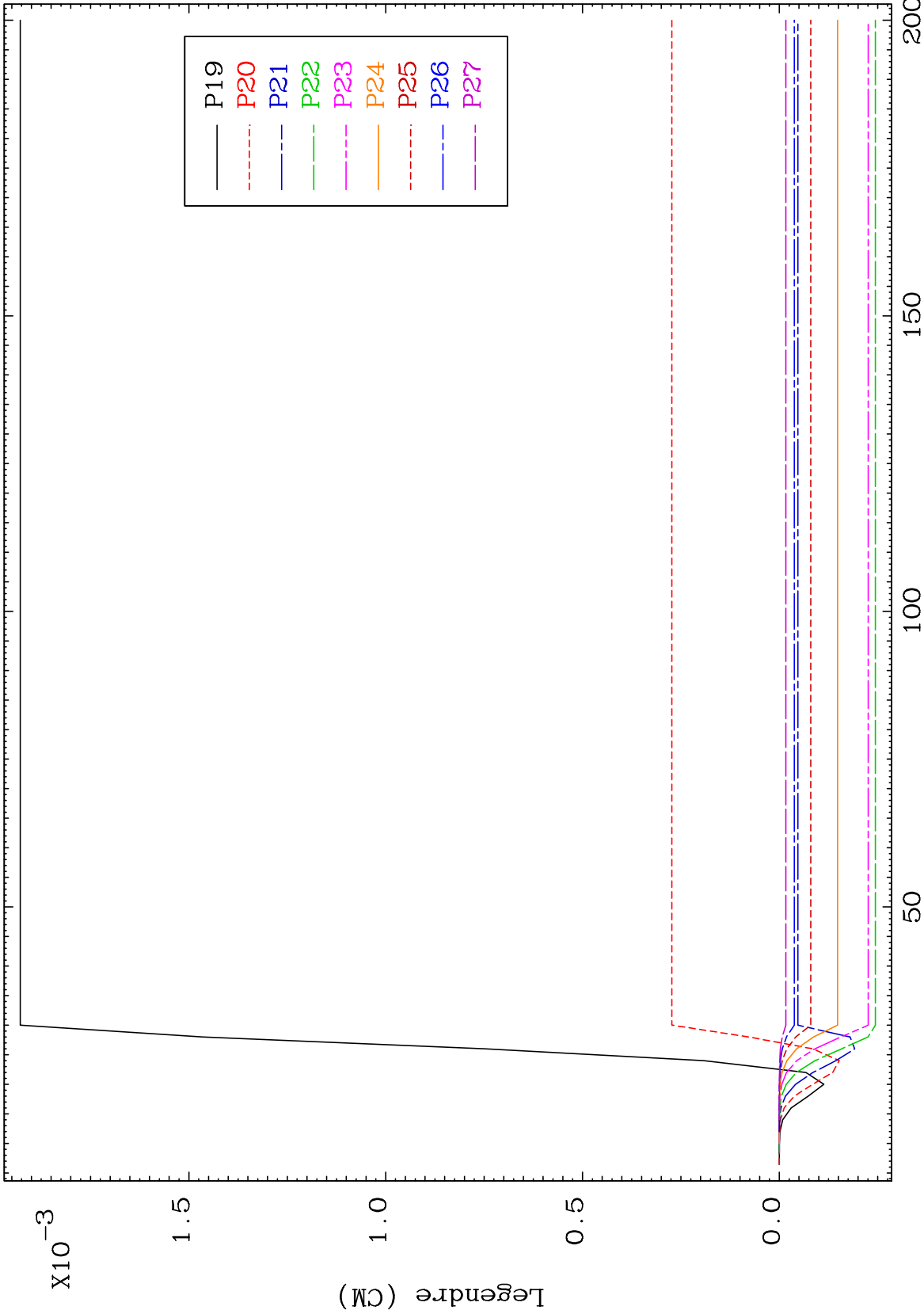


89 76-Os-182

MAT 7619

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

76-Os-182



90

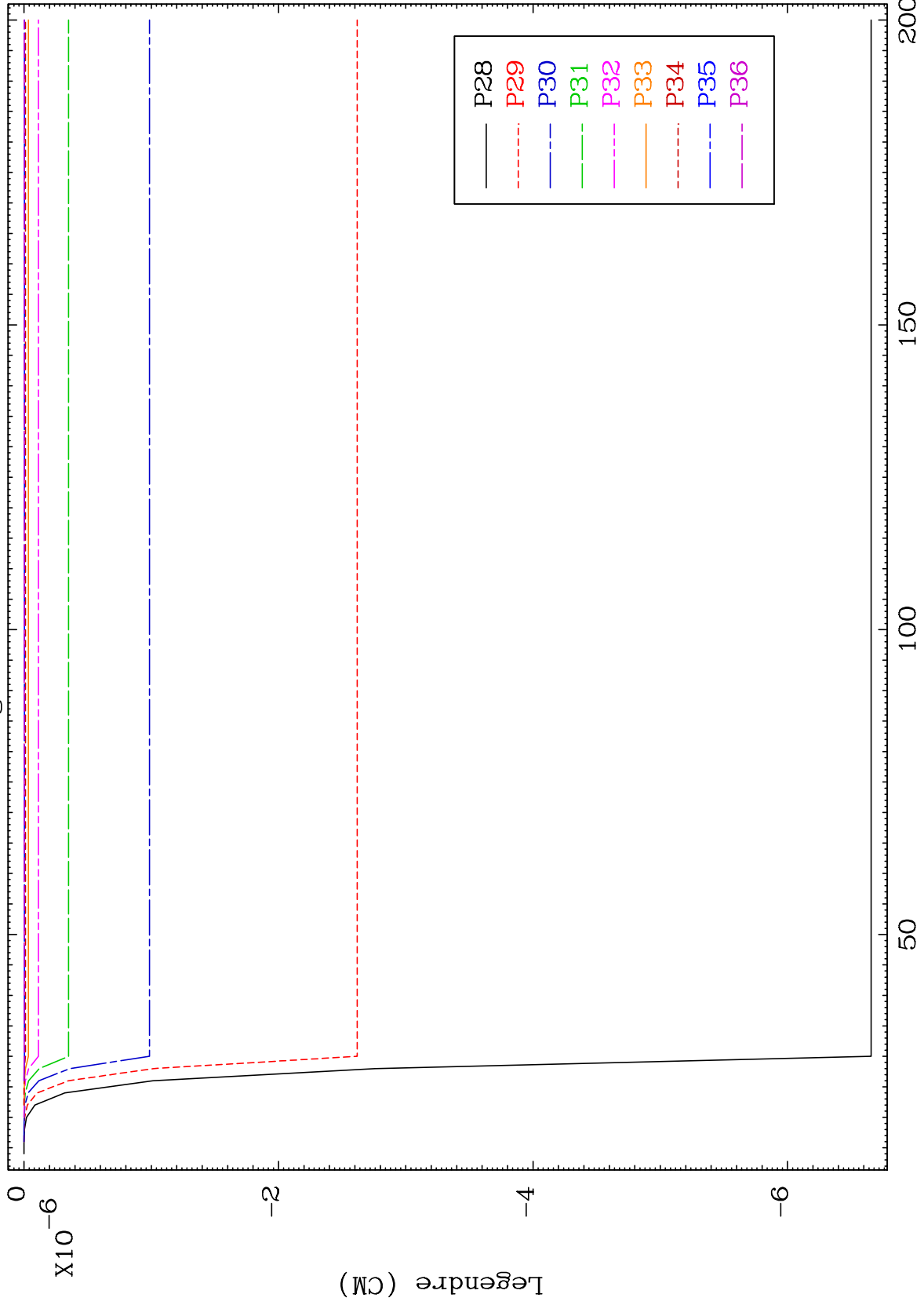
Incident Energy (MeV)

76-Os-182

MAT 7619

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

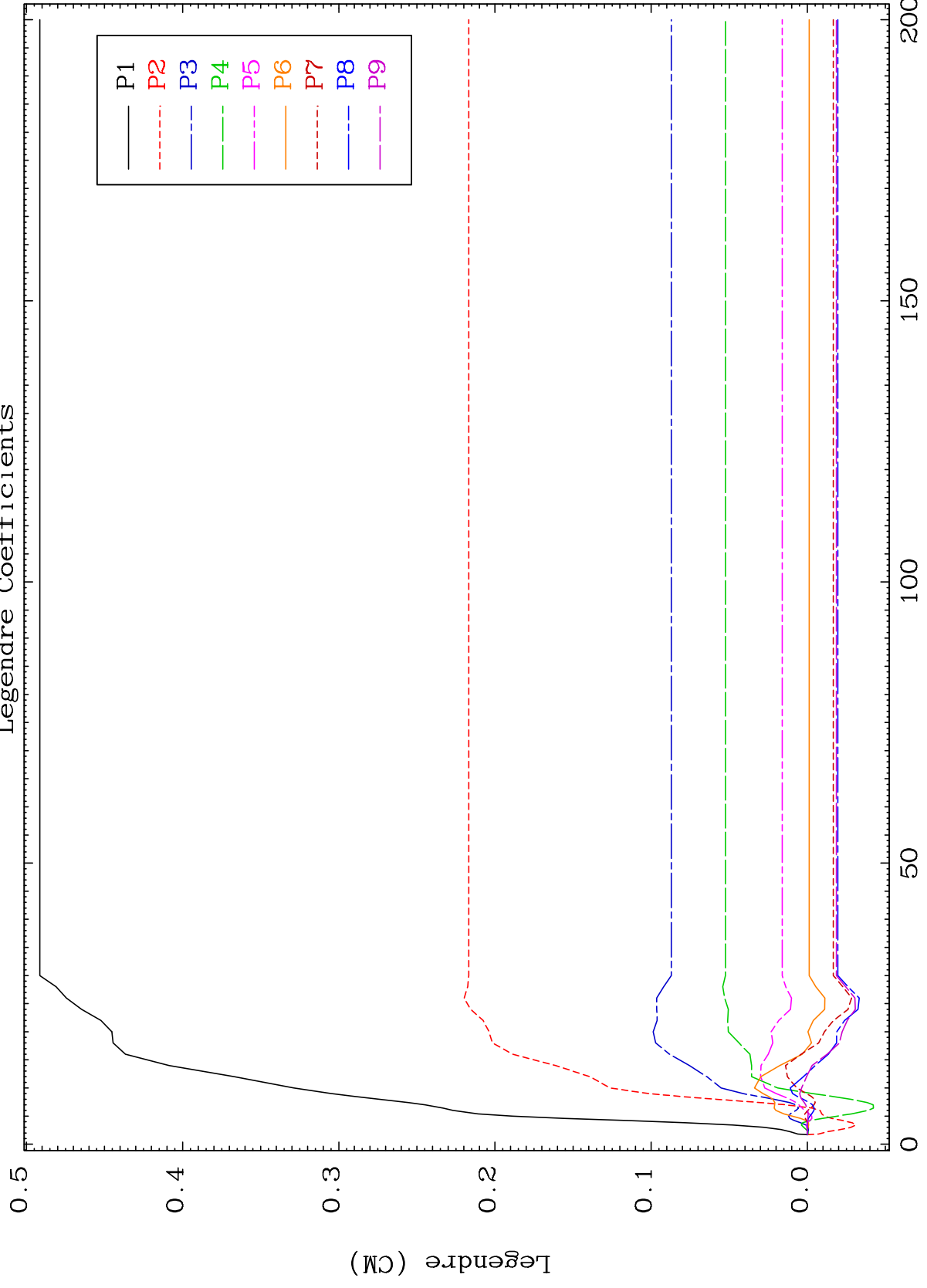
76-Os-182



91

76-Os-182

MAT 7619 MT= 70 (n,n') Level Legendre Coefficients 76-Os-182

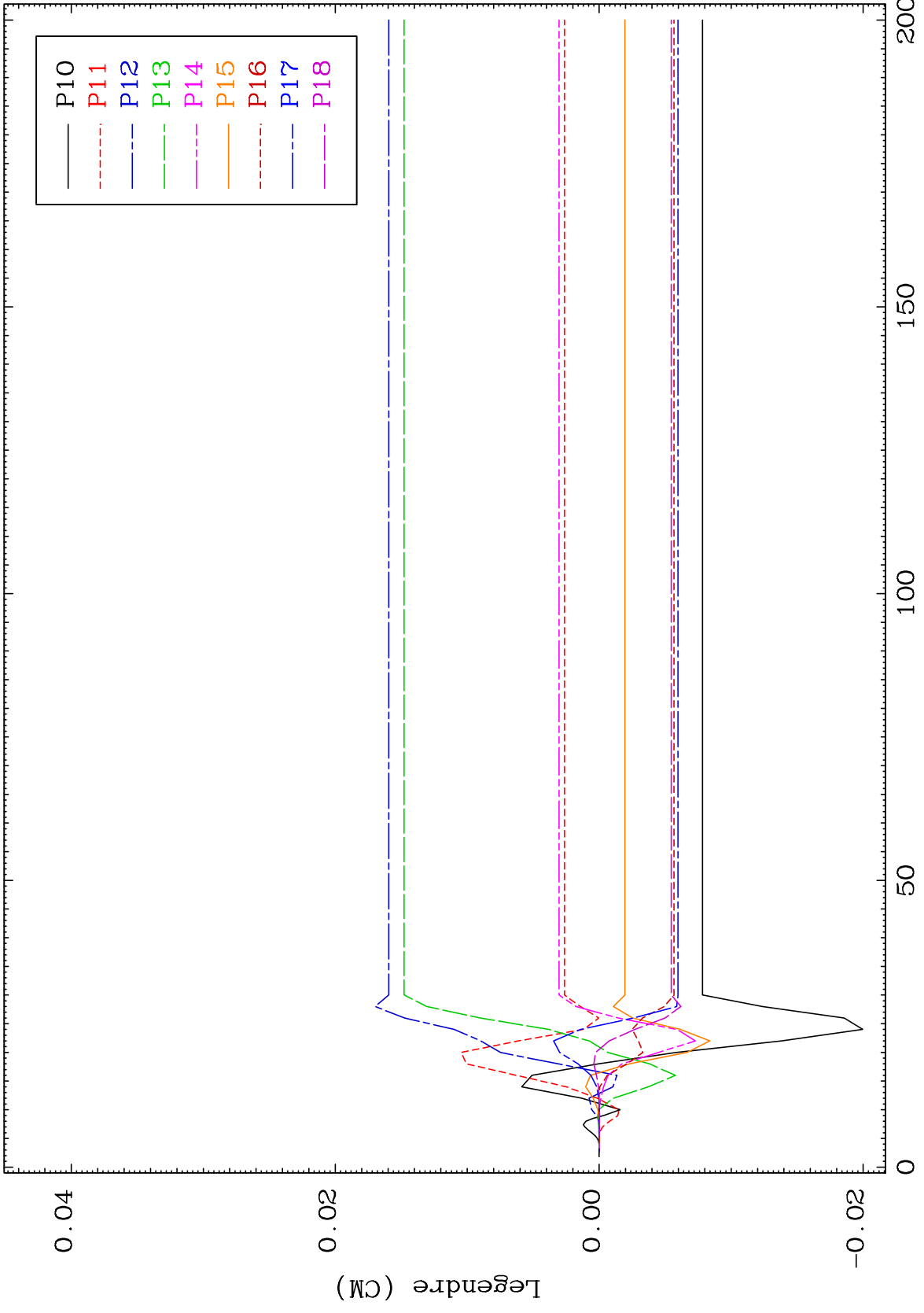


92 76-Os-182

MAT 7619

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

76-Os-182



93

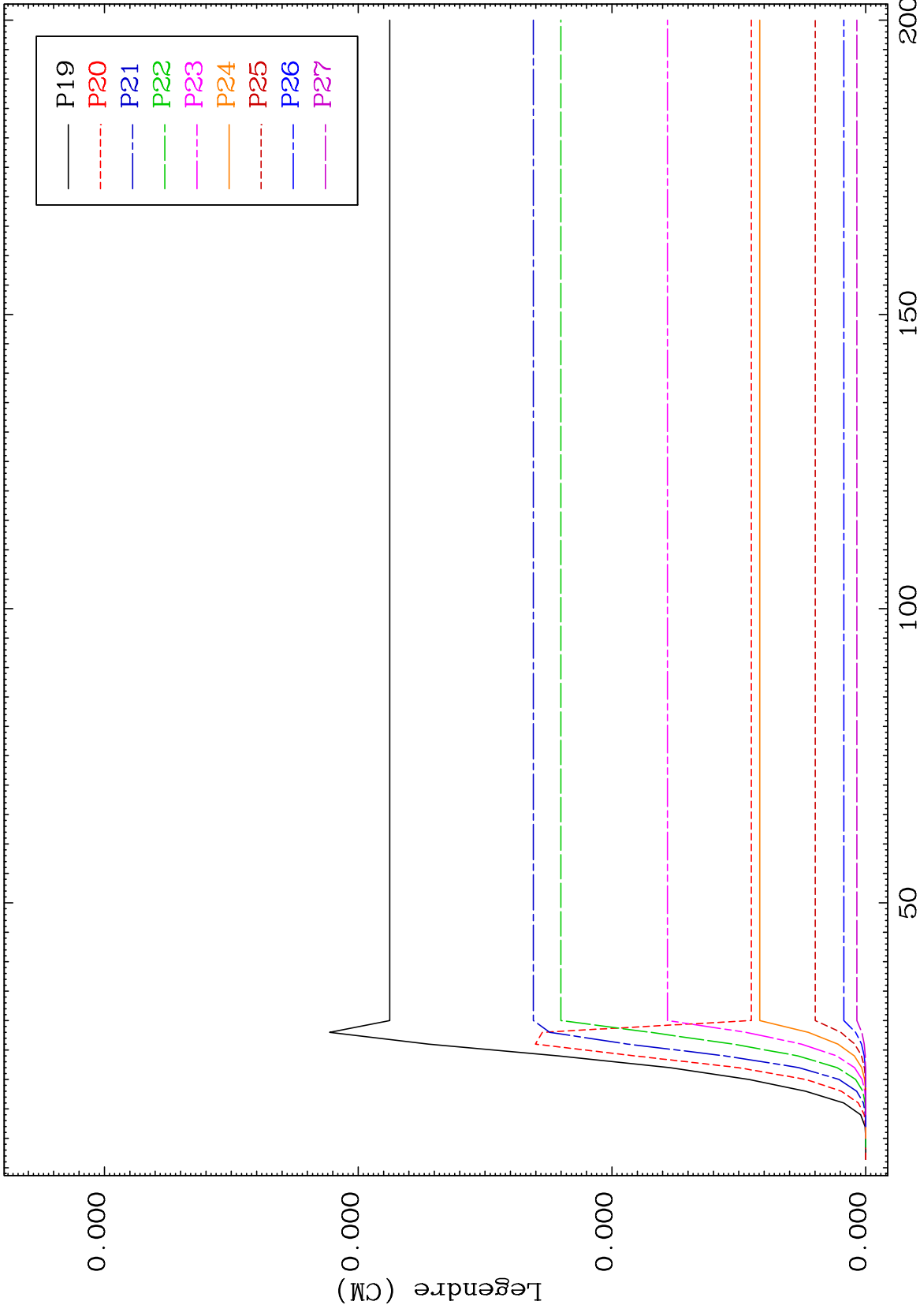
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



94

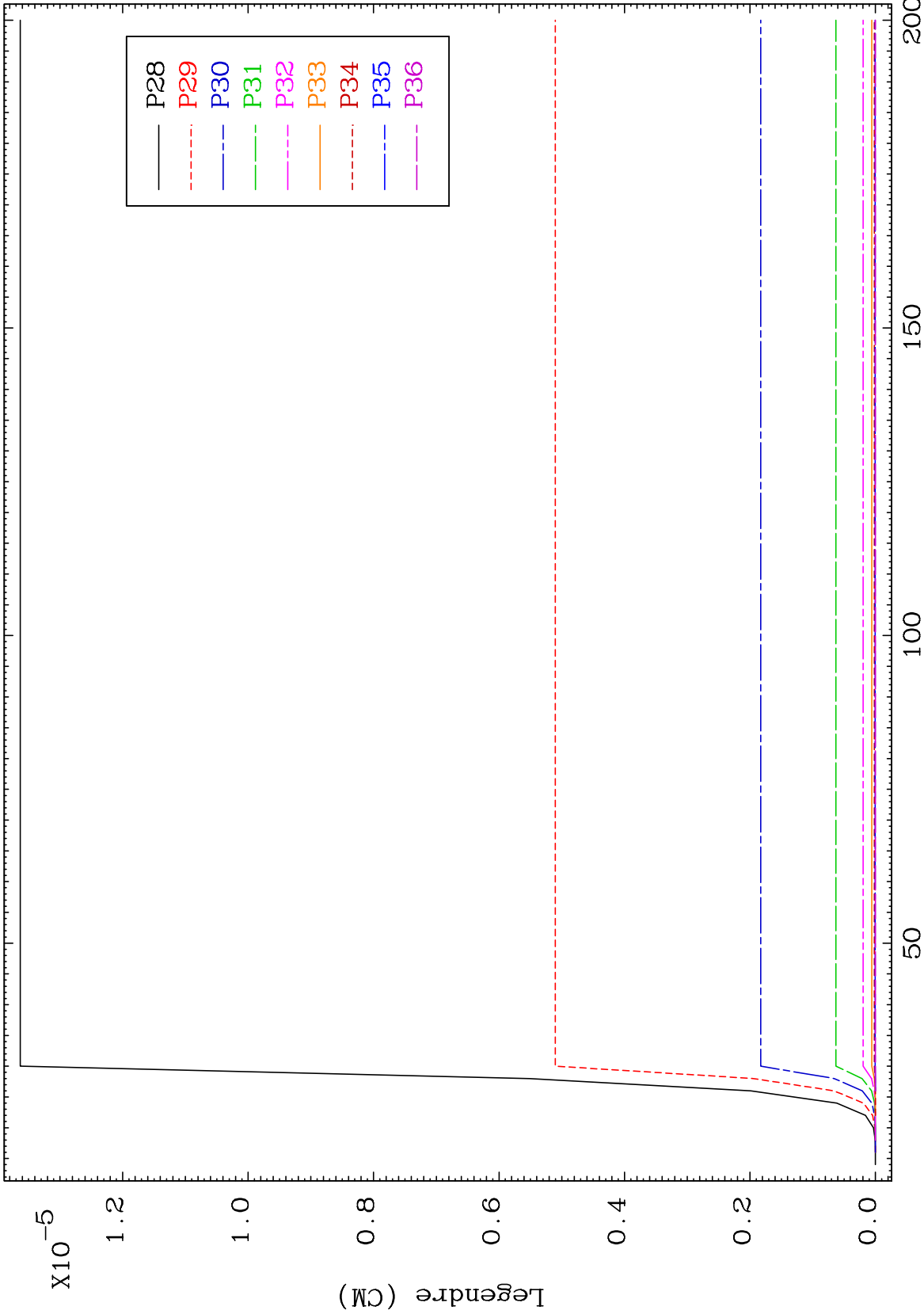
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



95

Incident Energy (MeV)

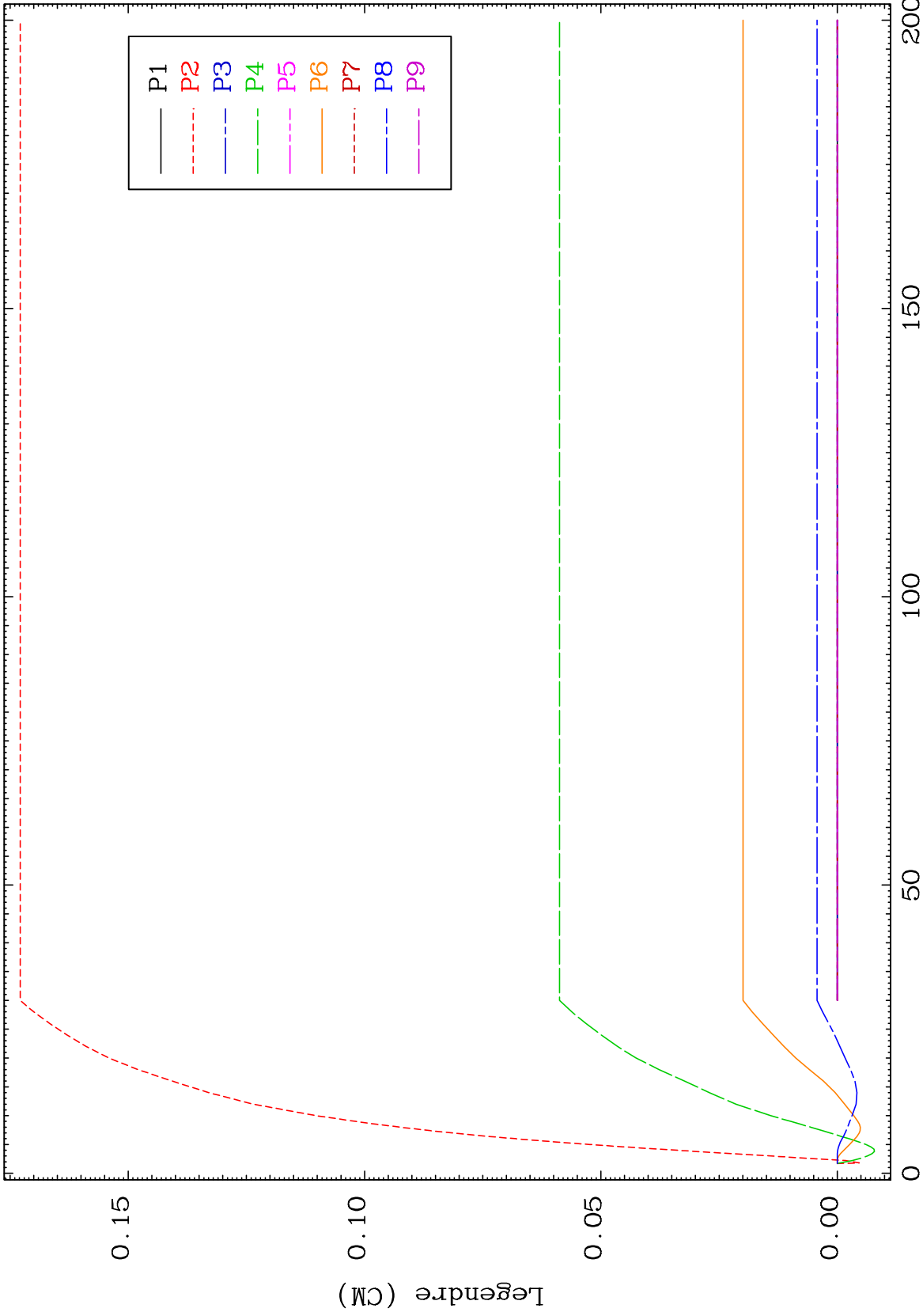
76-Os-182



MAT 7619

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

76-Os-182



96

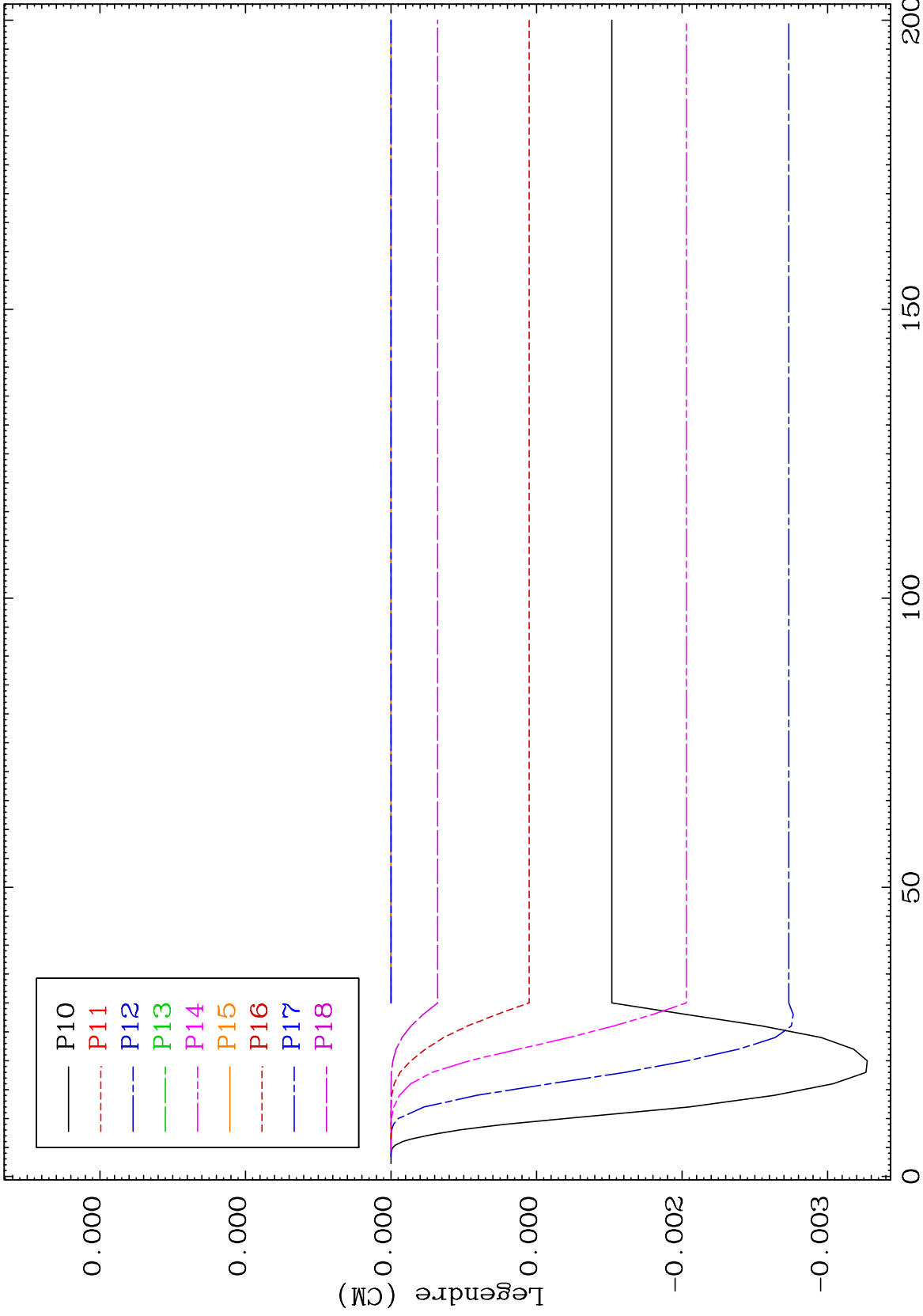
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182

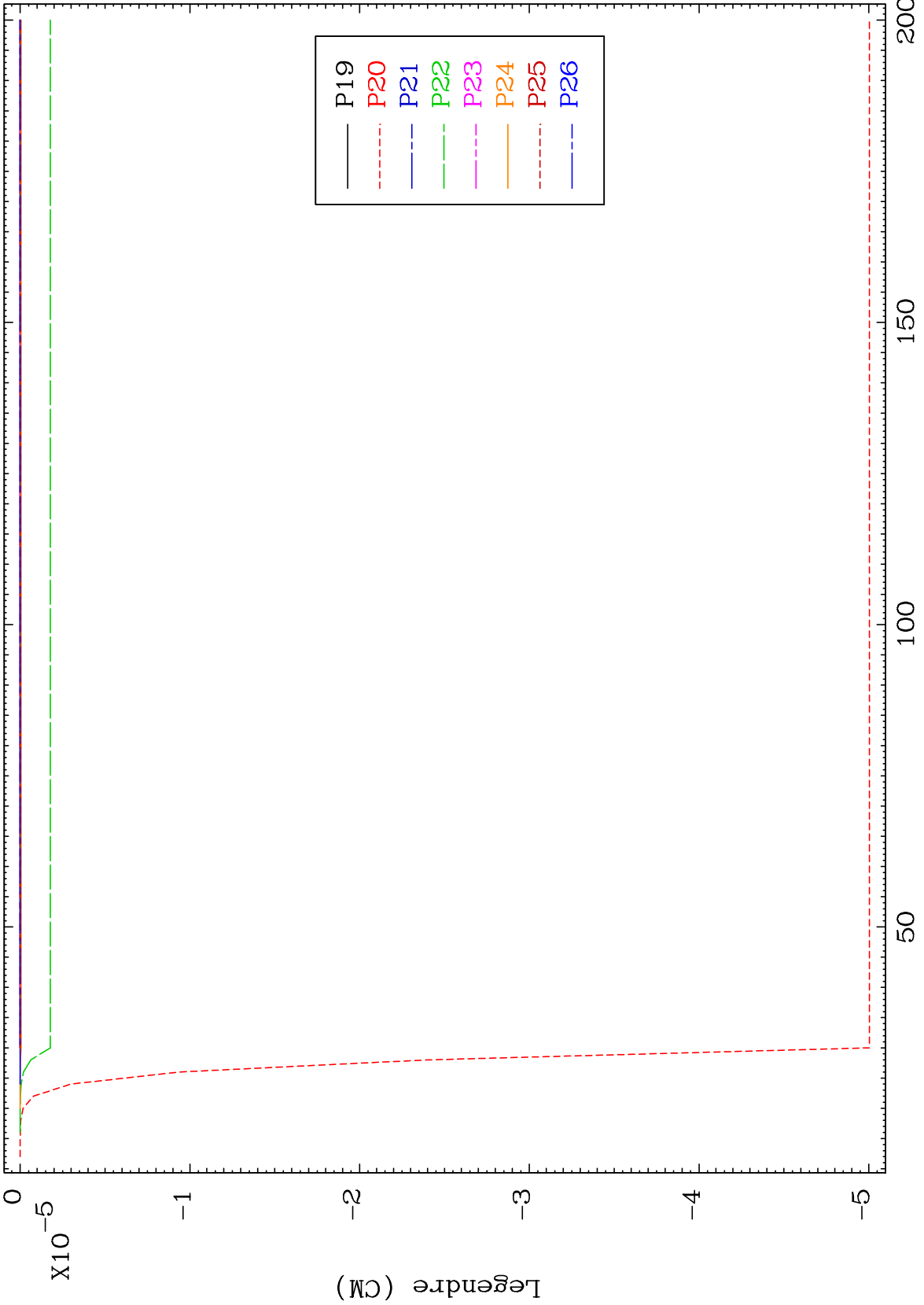


97

Incident Energy (MeV)

76-Os-182

MAT 7619 MT= 71 (n,n') Level Legendre Coefficients 76-Os-182

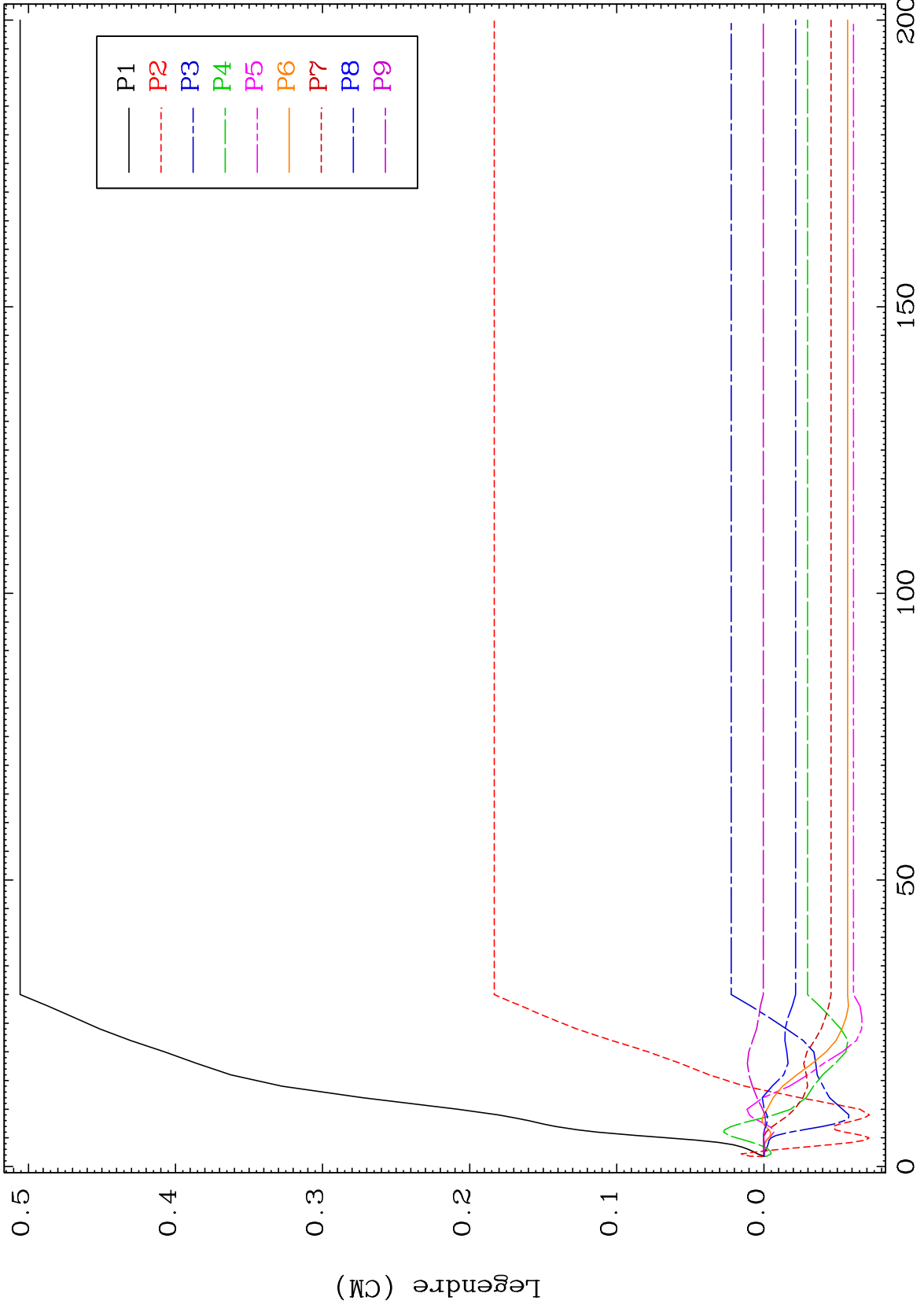


98 76-Os-182

MAT 7619

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

76-Os-182

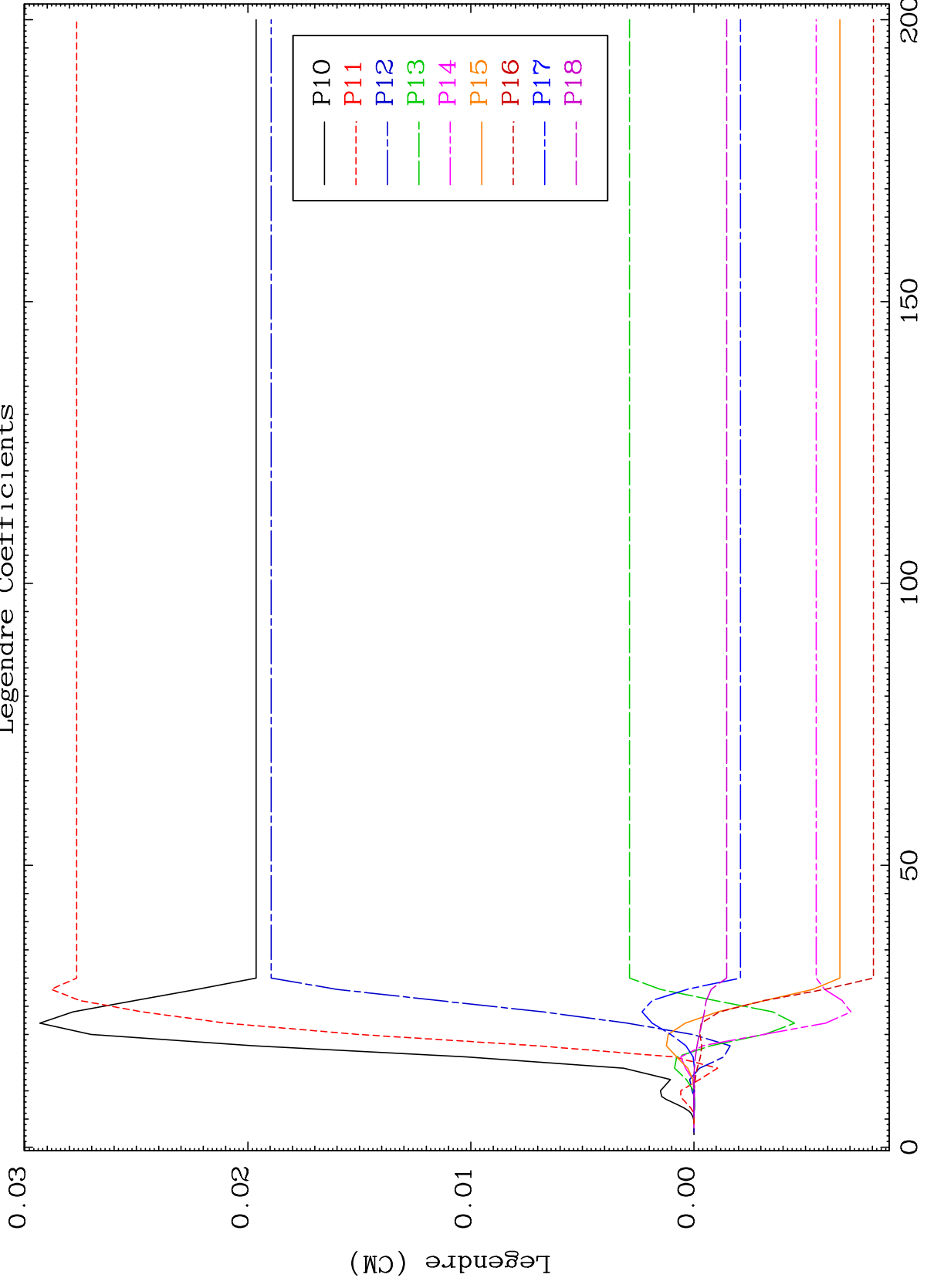


99

Incident Energy (MeV)

76-Os-182

MAT 7619 MT= 72 (n,n') Level Legendre Coefficients 76-Os-182

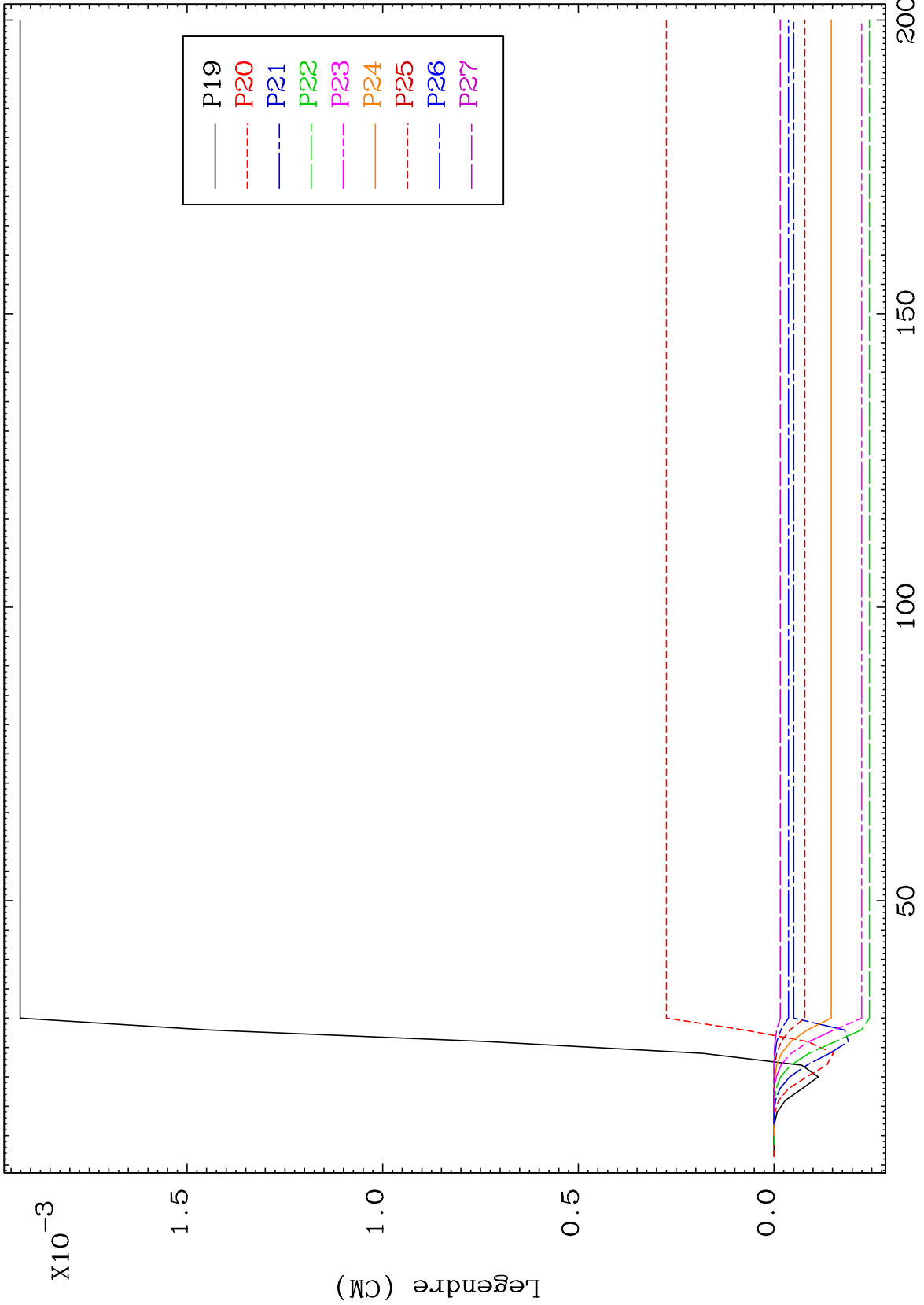


76-Os-182

MAT 7619

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

76-Os-182



101

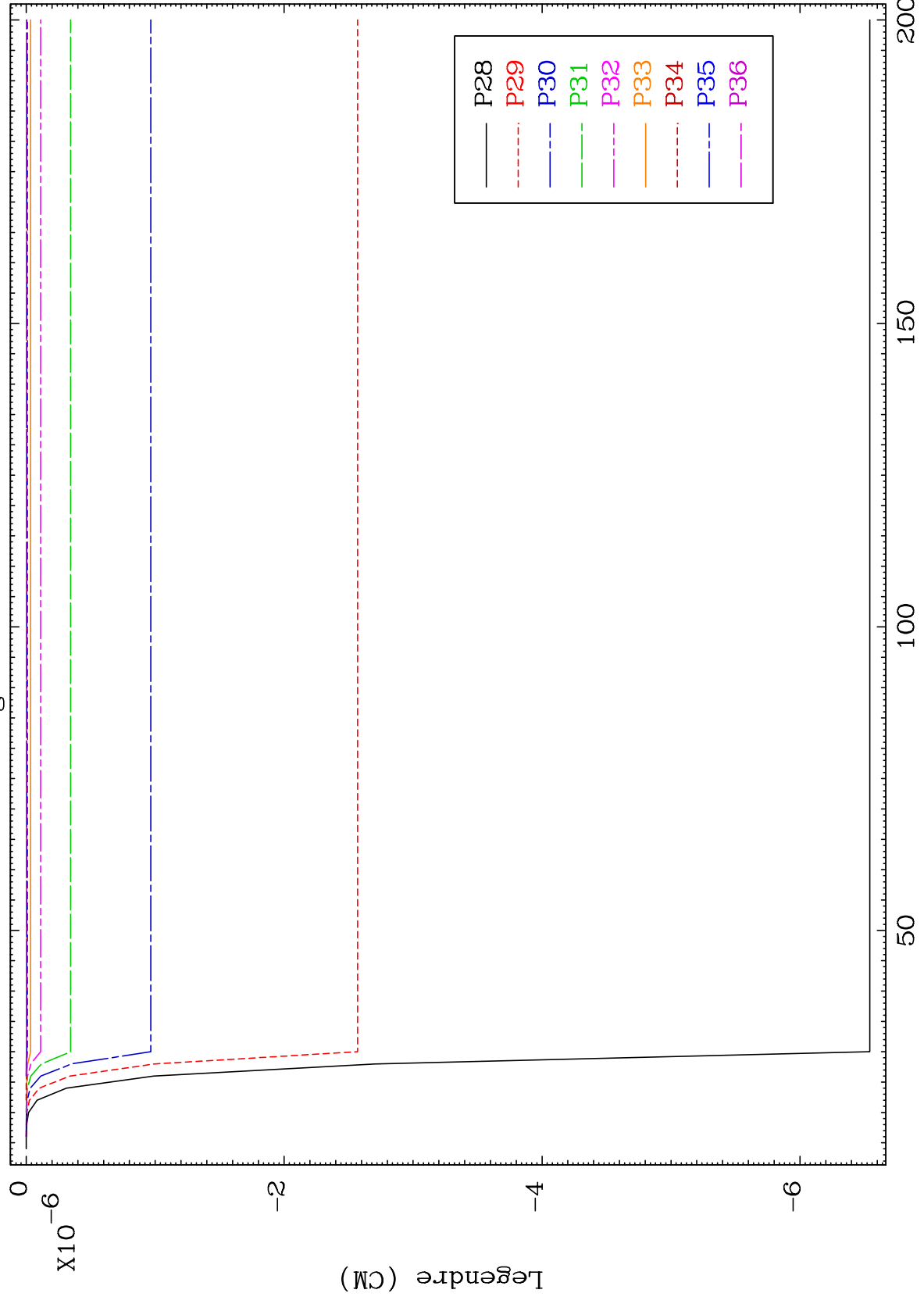
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



76-Os-182

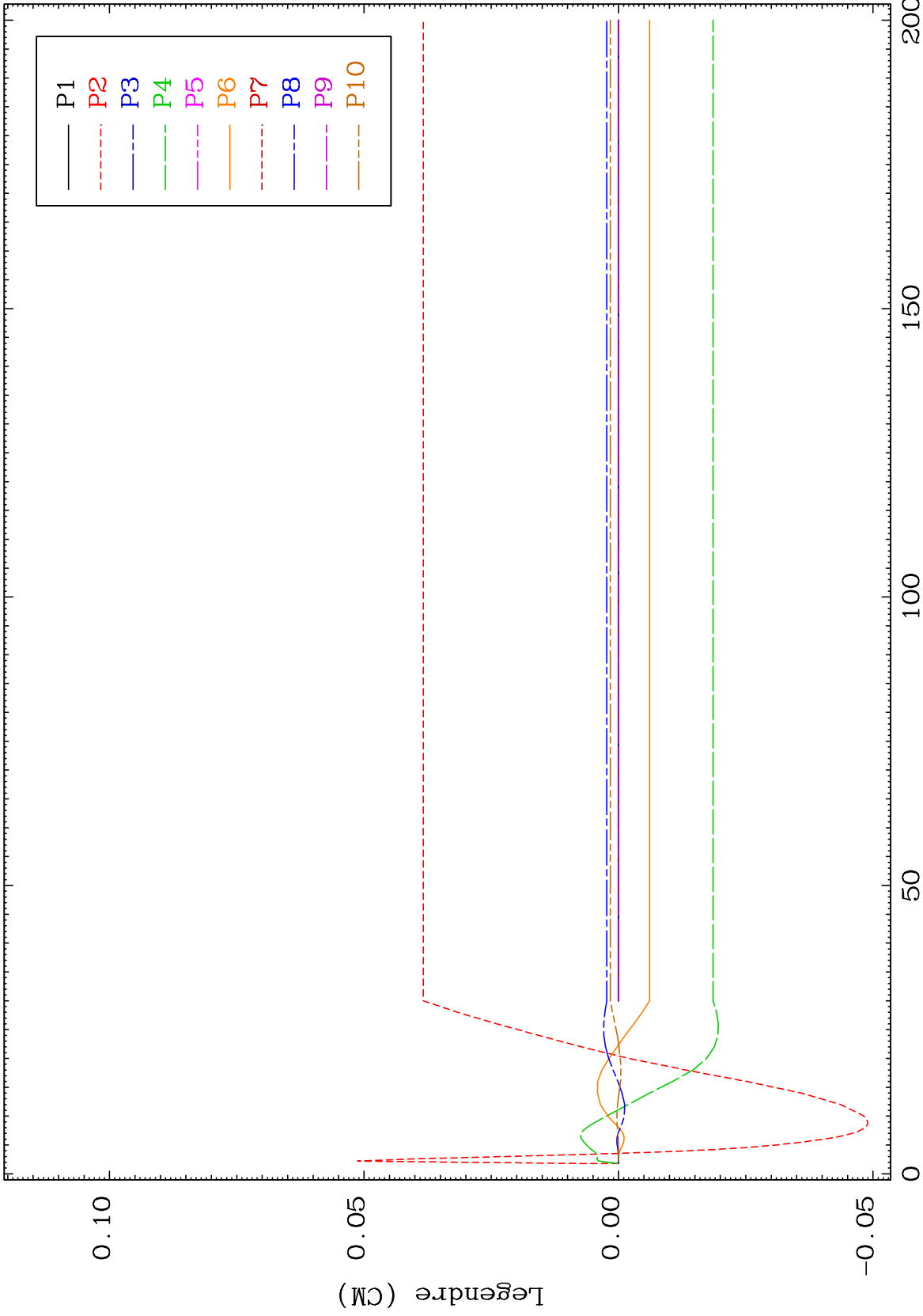
Incident Energy (MeV)

102

MAT 7619

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

76-Os-182



103

Incident Energy (MeV)

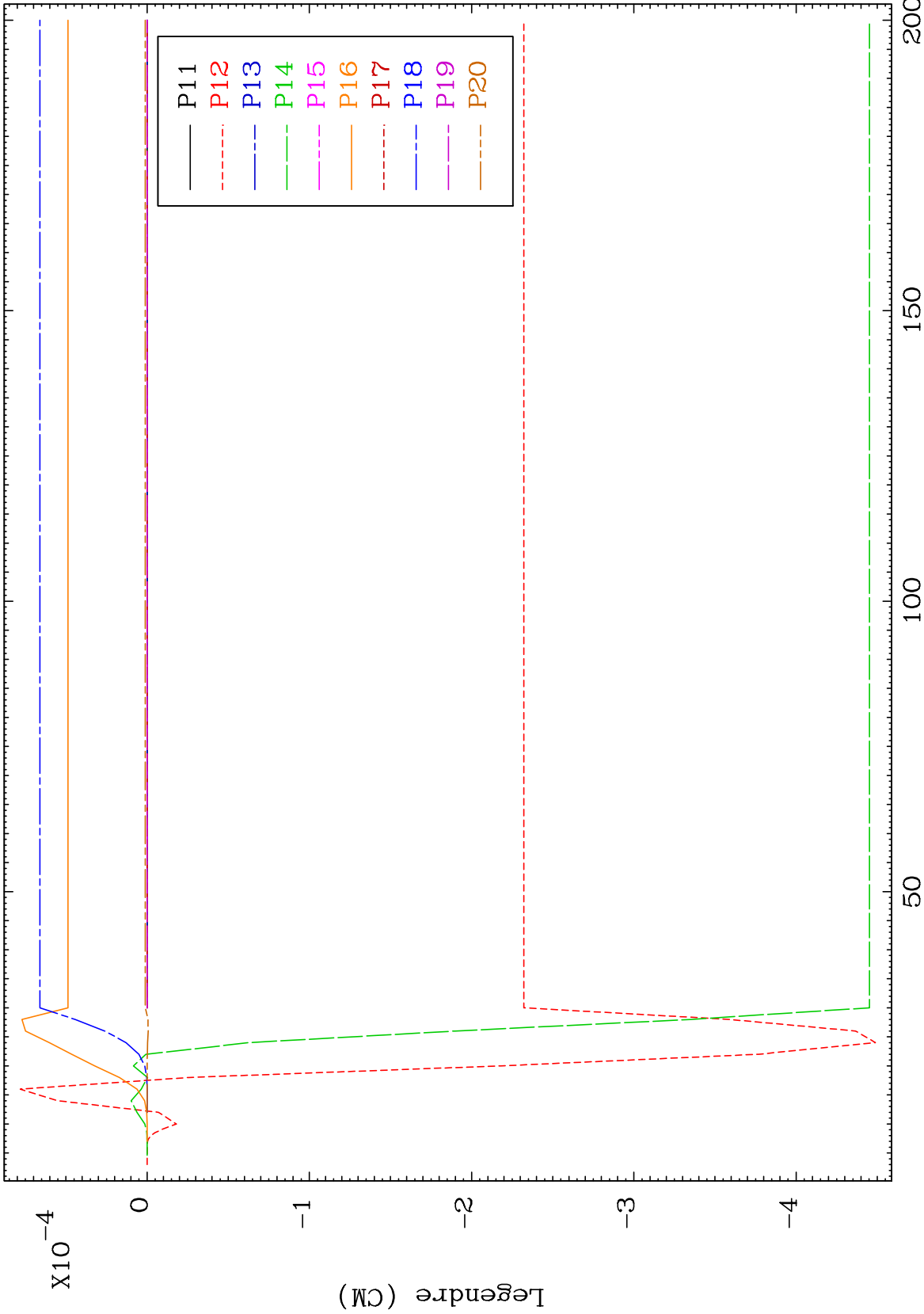
76-Os-182



MAT 7619

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

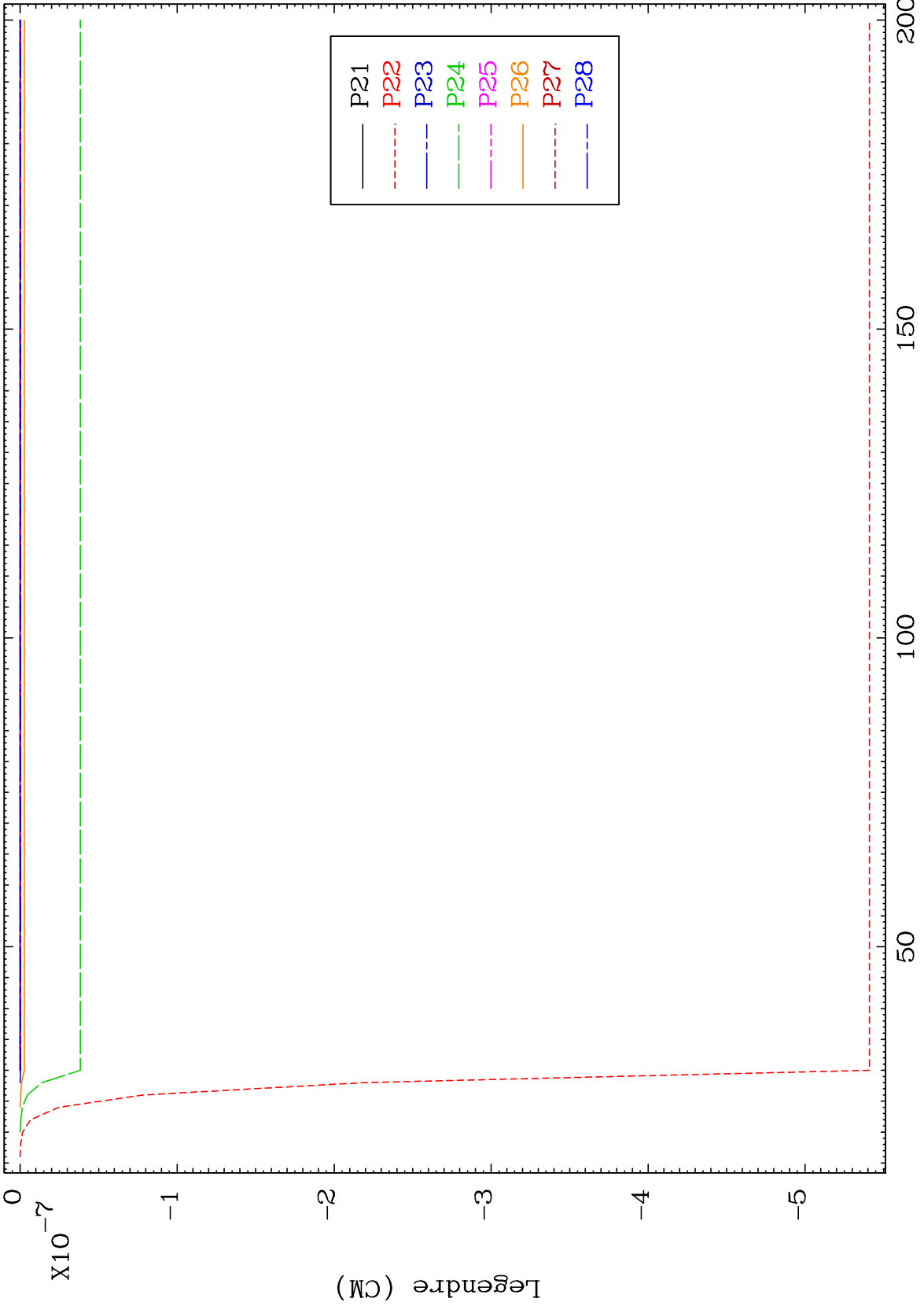
76-Os-182



104

76-Os-182

MAT 7619 MT= 73 (n,n') Level Legendre Coefficients 76-Os-182

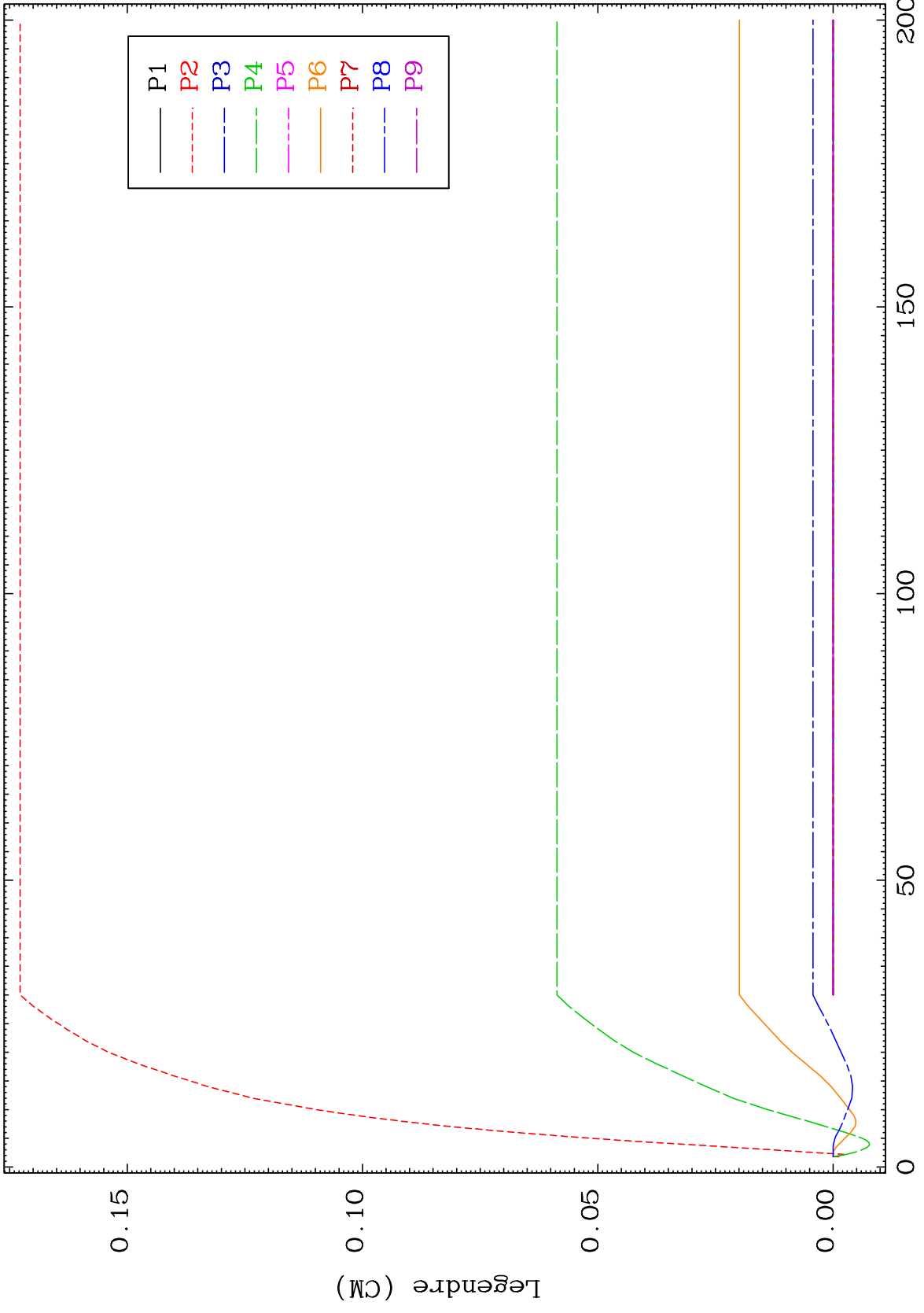


105 Incident Energy (MeV) 76-Os-182

MAT 7619

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

76-Os-182



106

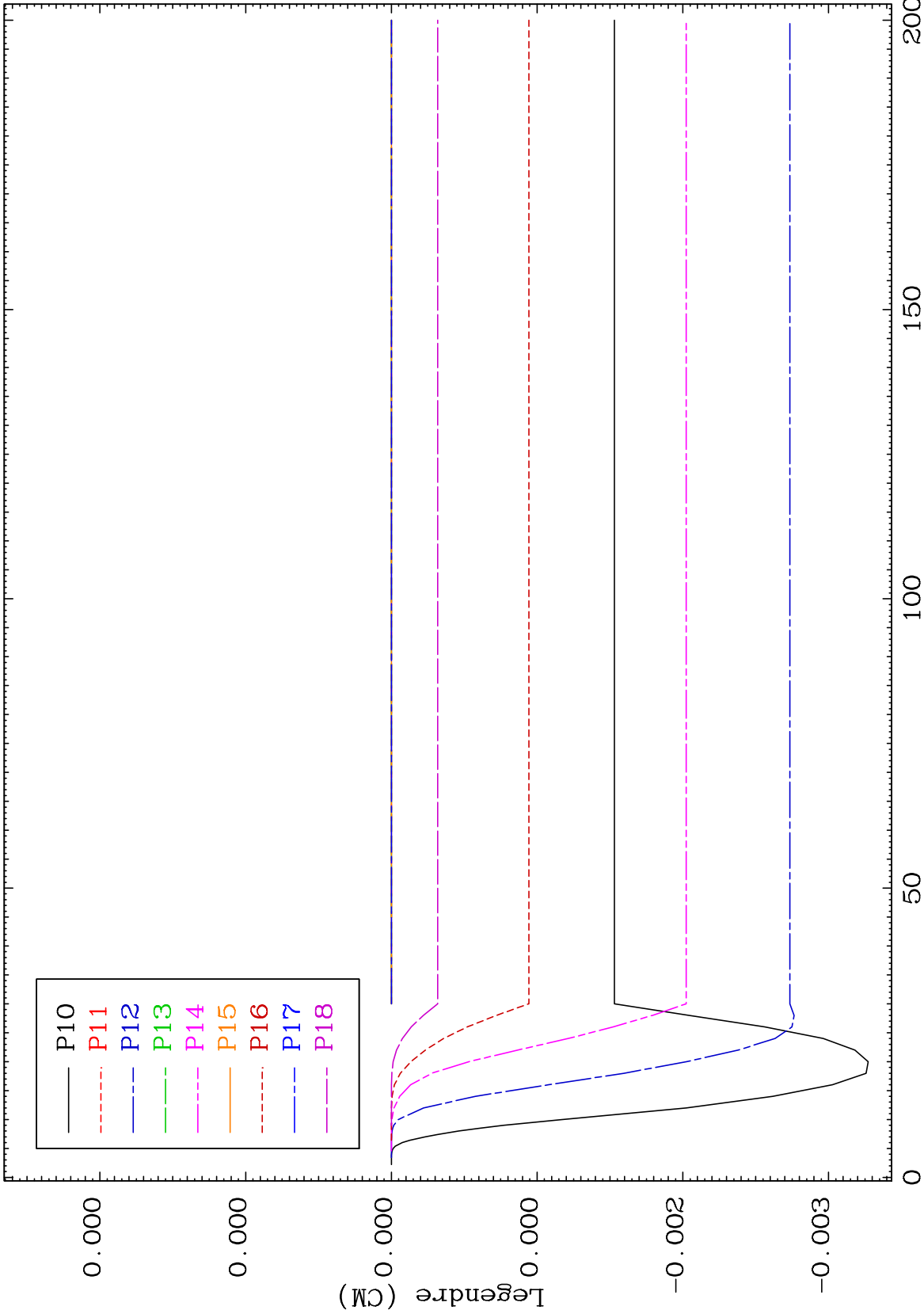
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182

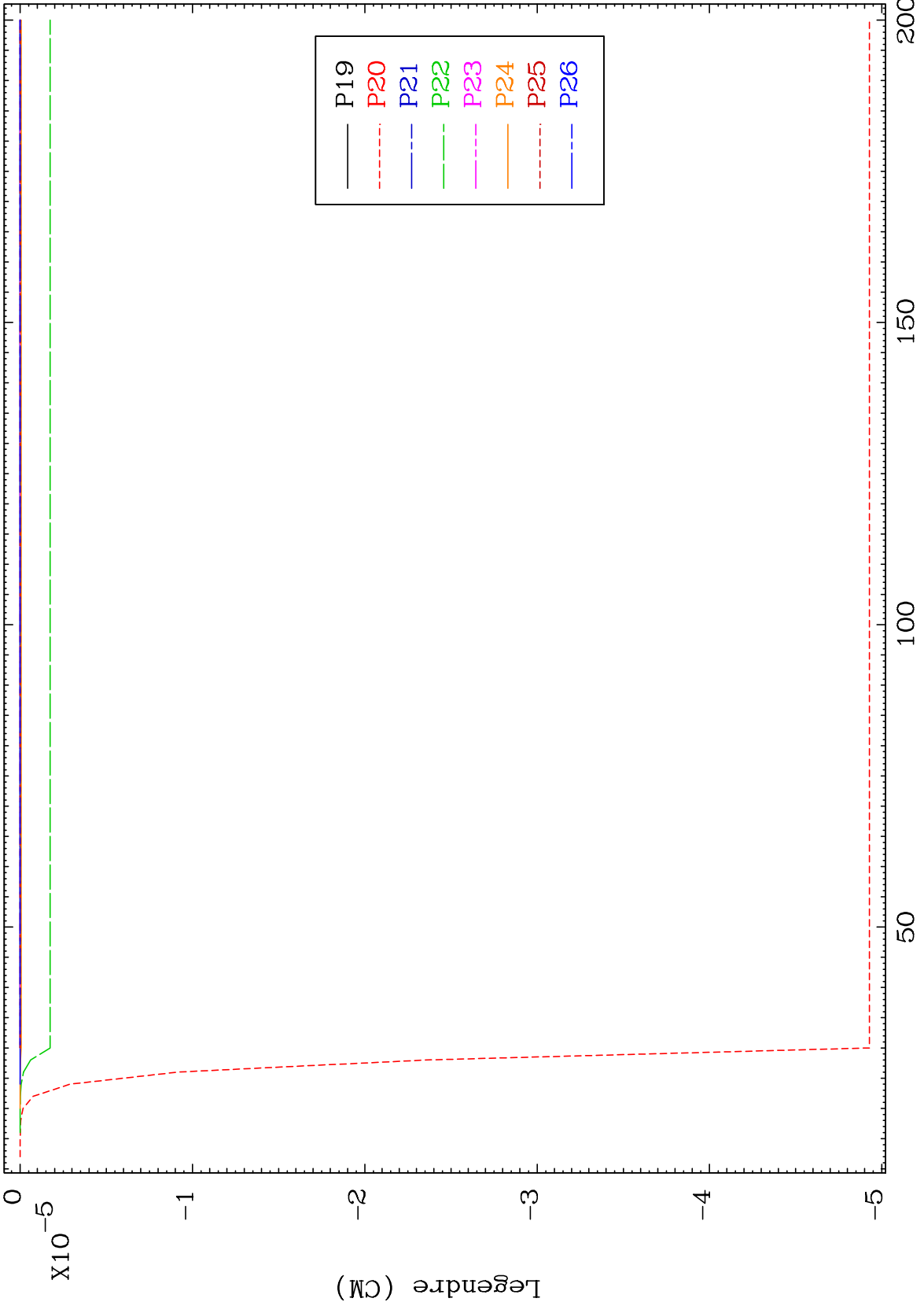


107

Incident Energy (MeV)

76-Os-182

MAT 7619 MT= 74 (n,n') Level Legendre Coefficients 76-Os-182

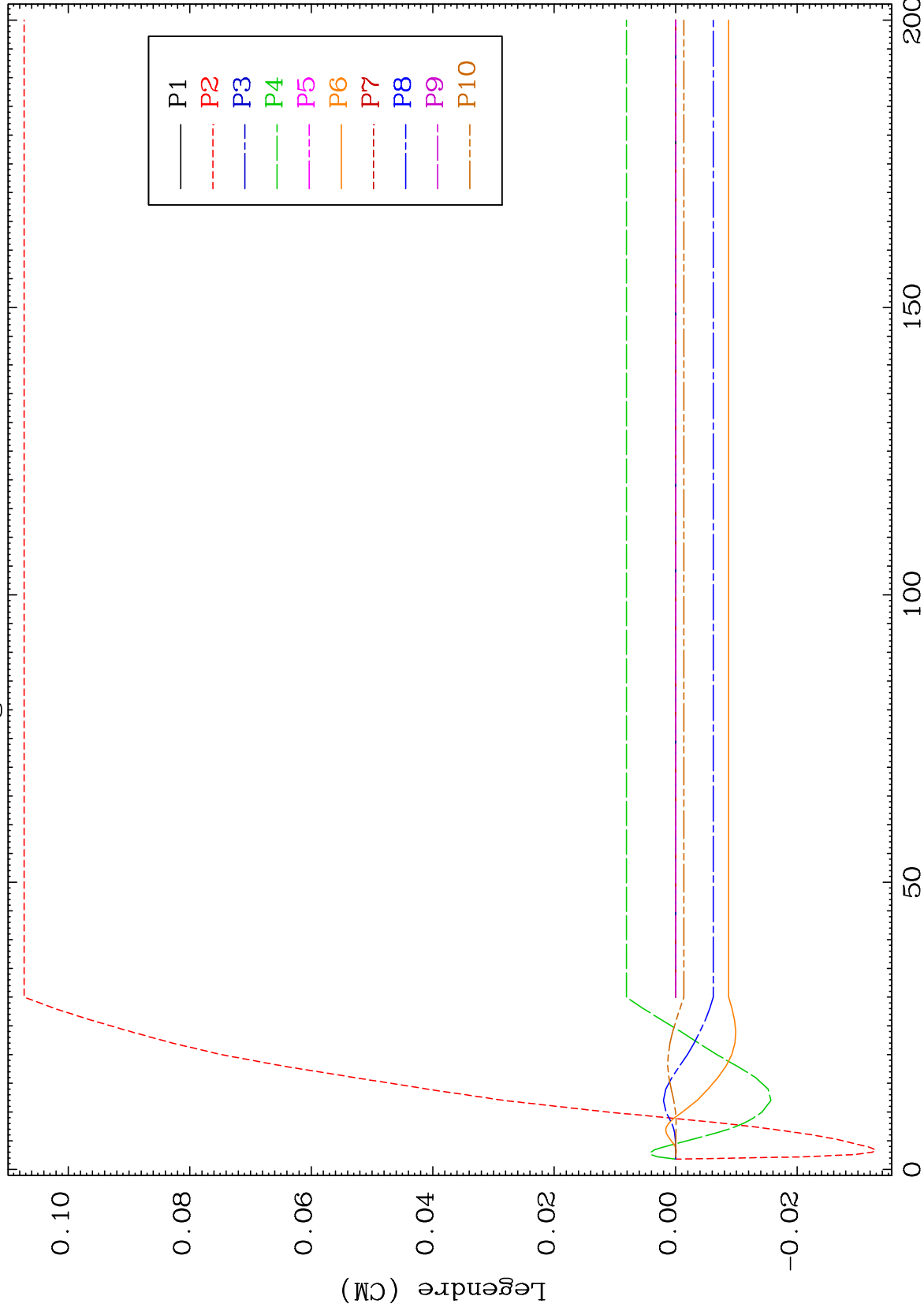


108 76-Os-182

MAT 7619

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

76-Os-182



109

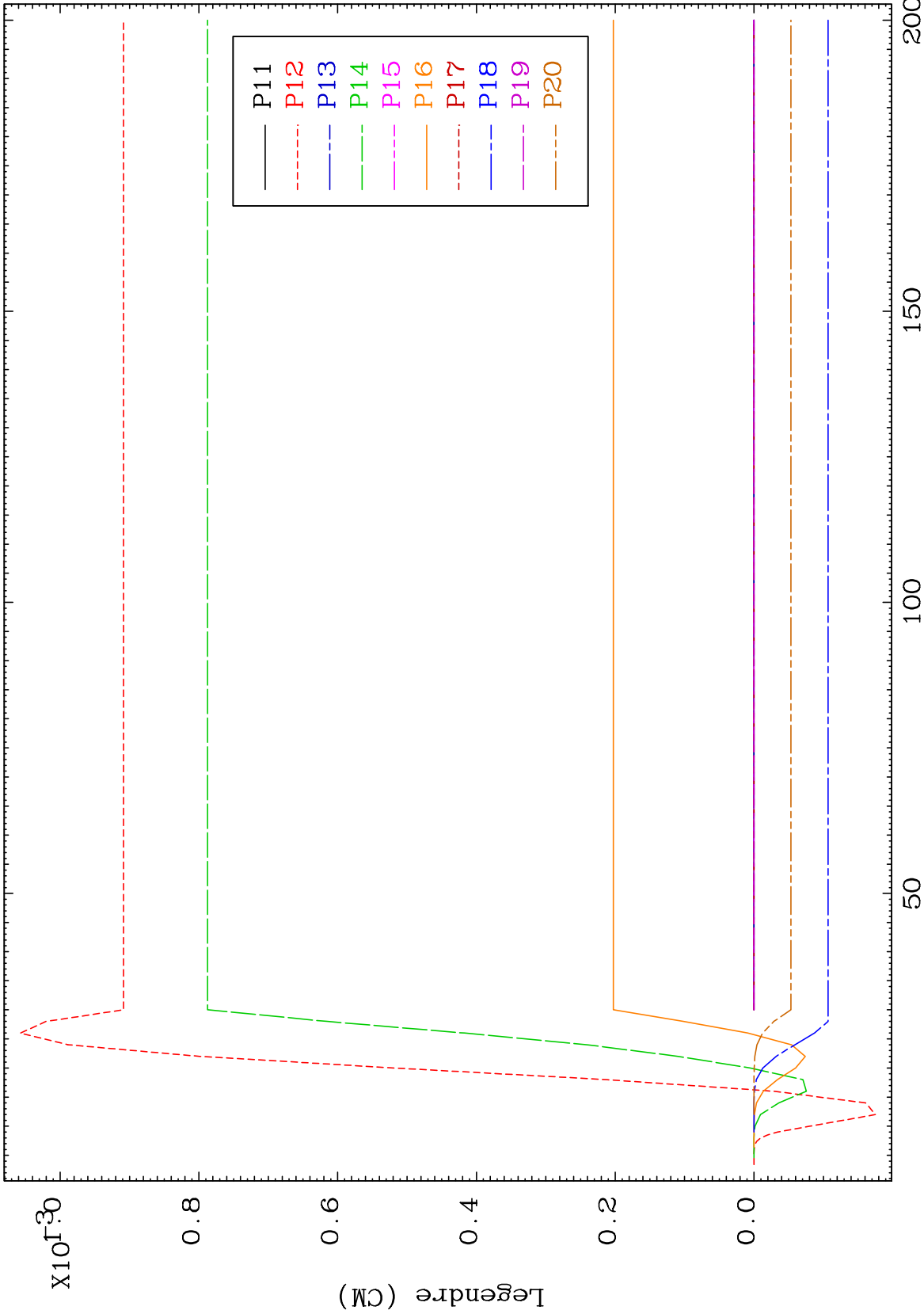
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182

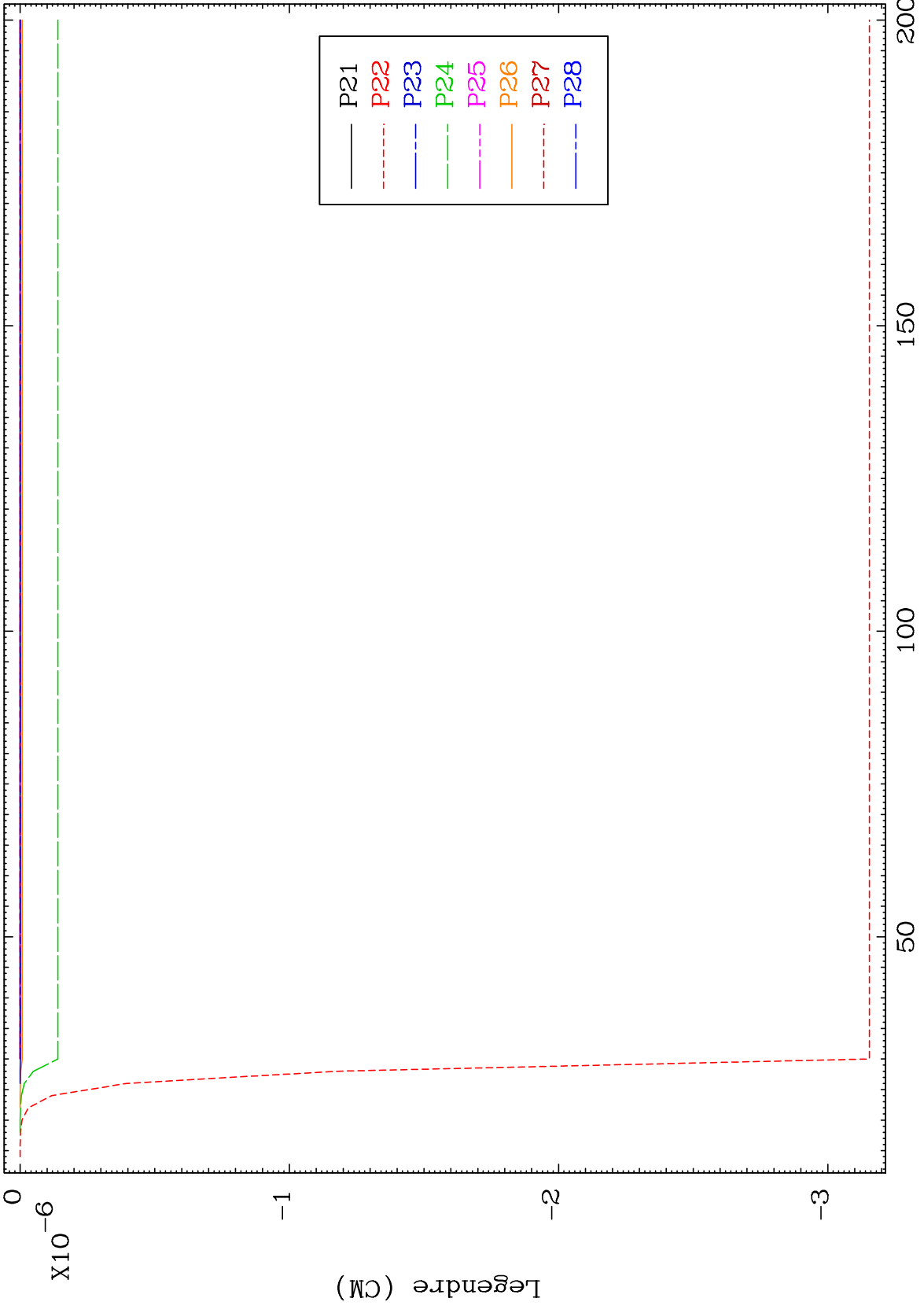


110

Incident Energy (MeV)

76-Os-182

MAT 7619 MT= 75 (n,n') Level Legendre Coefficients 76-Os-182



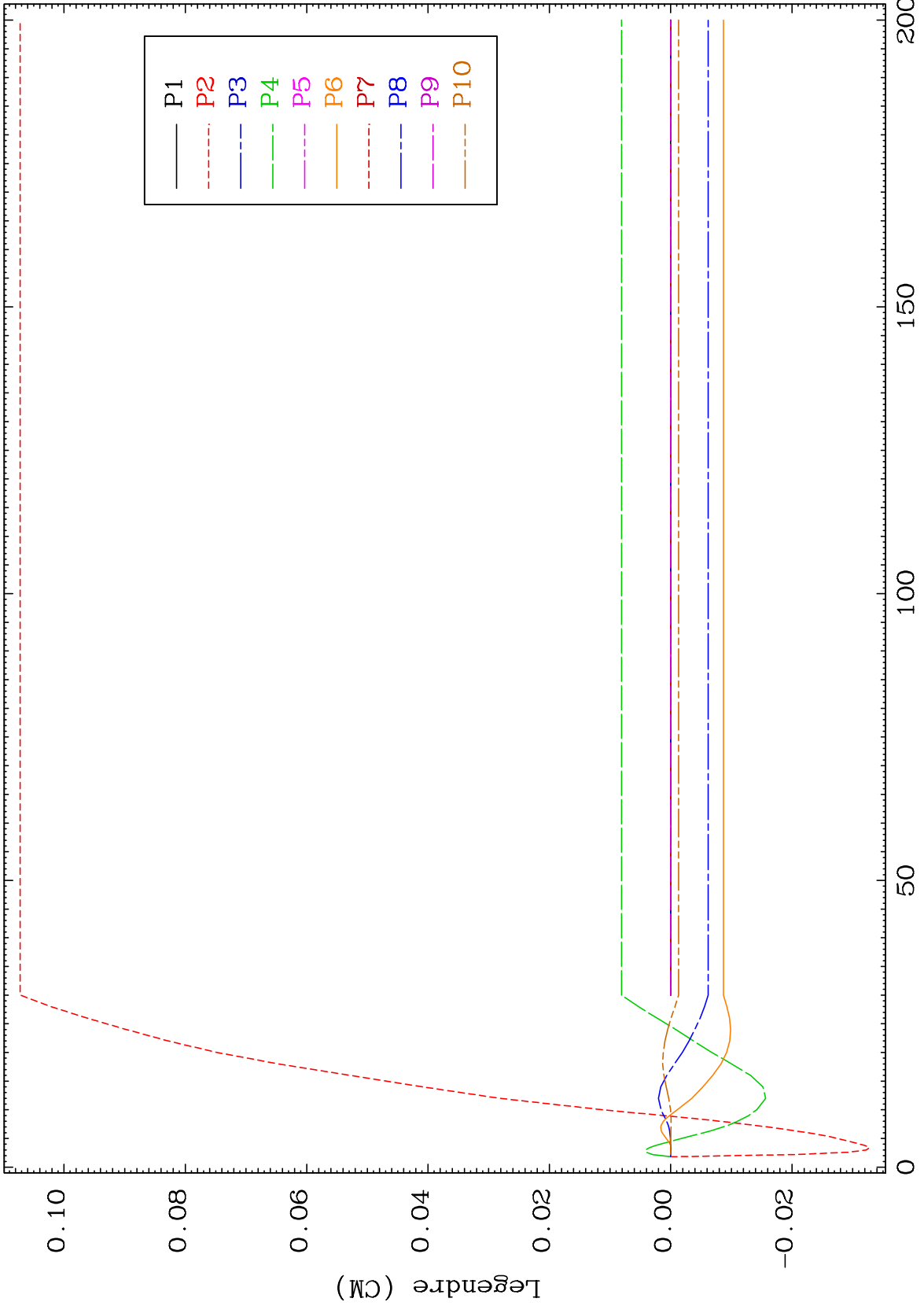
111 76-Os-182



MAT 7619

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

76-Os-182



112

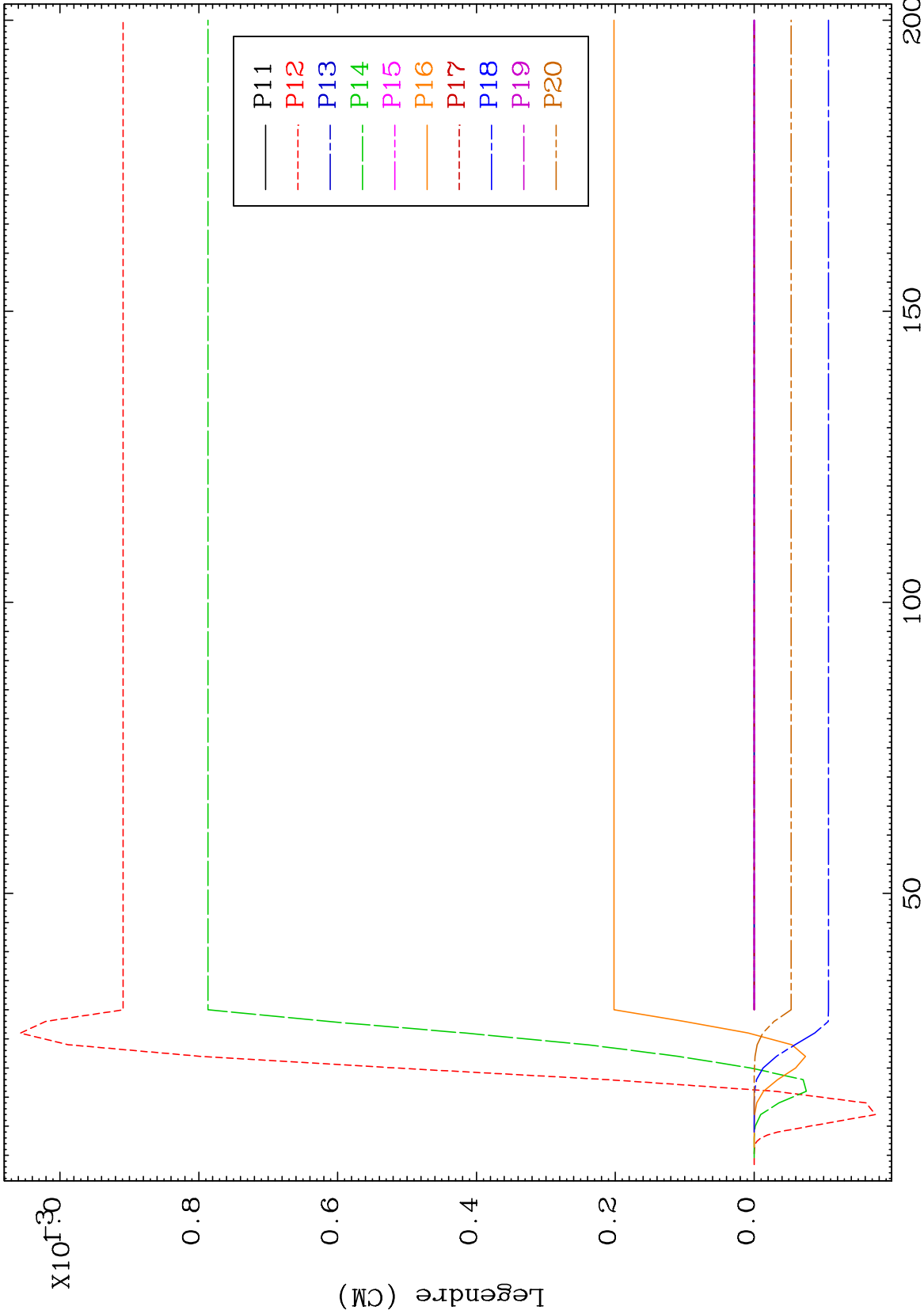
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



113

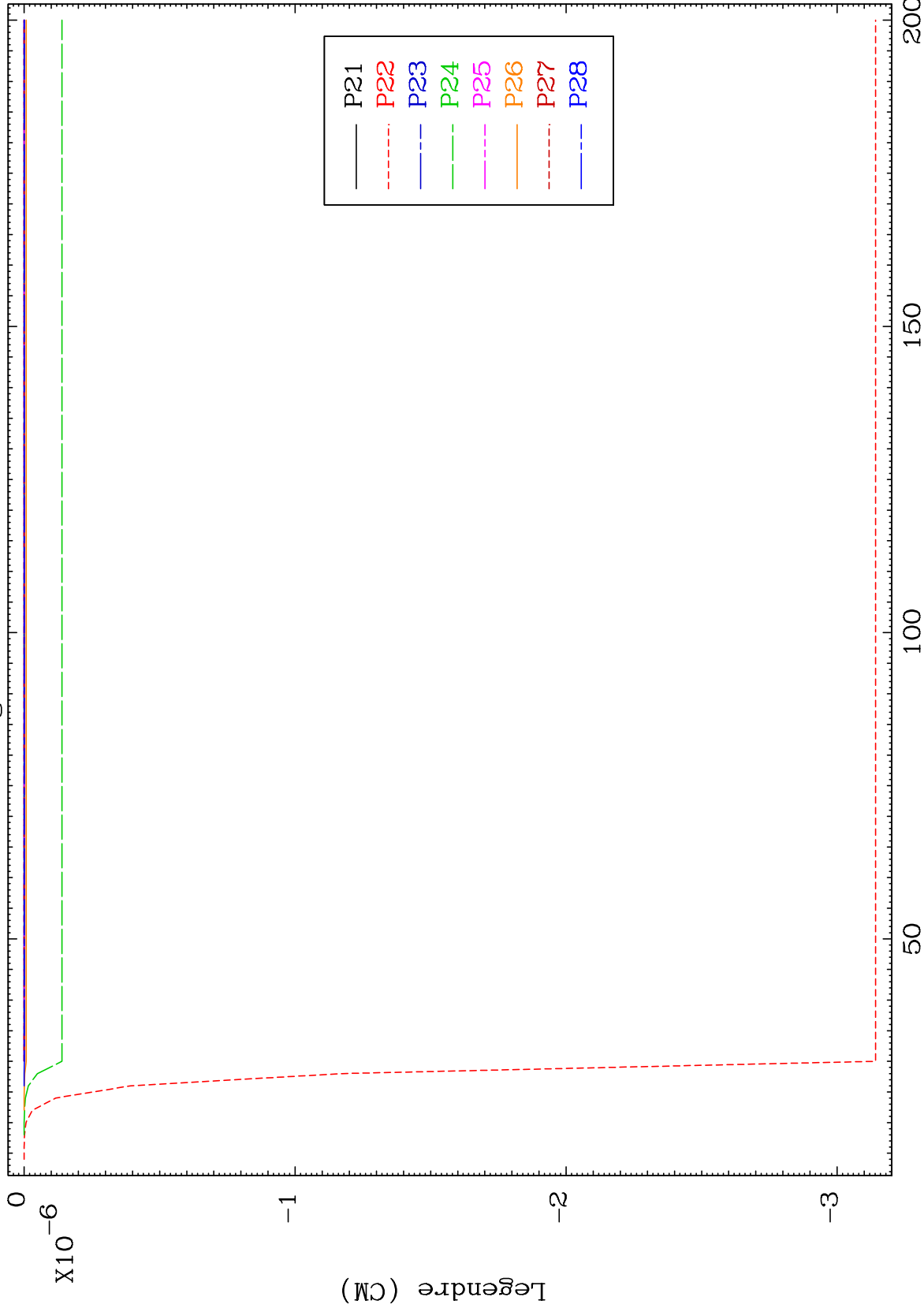
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



114

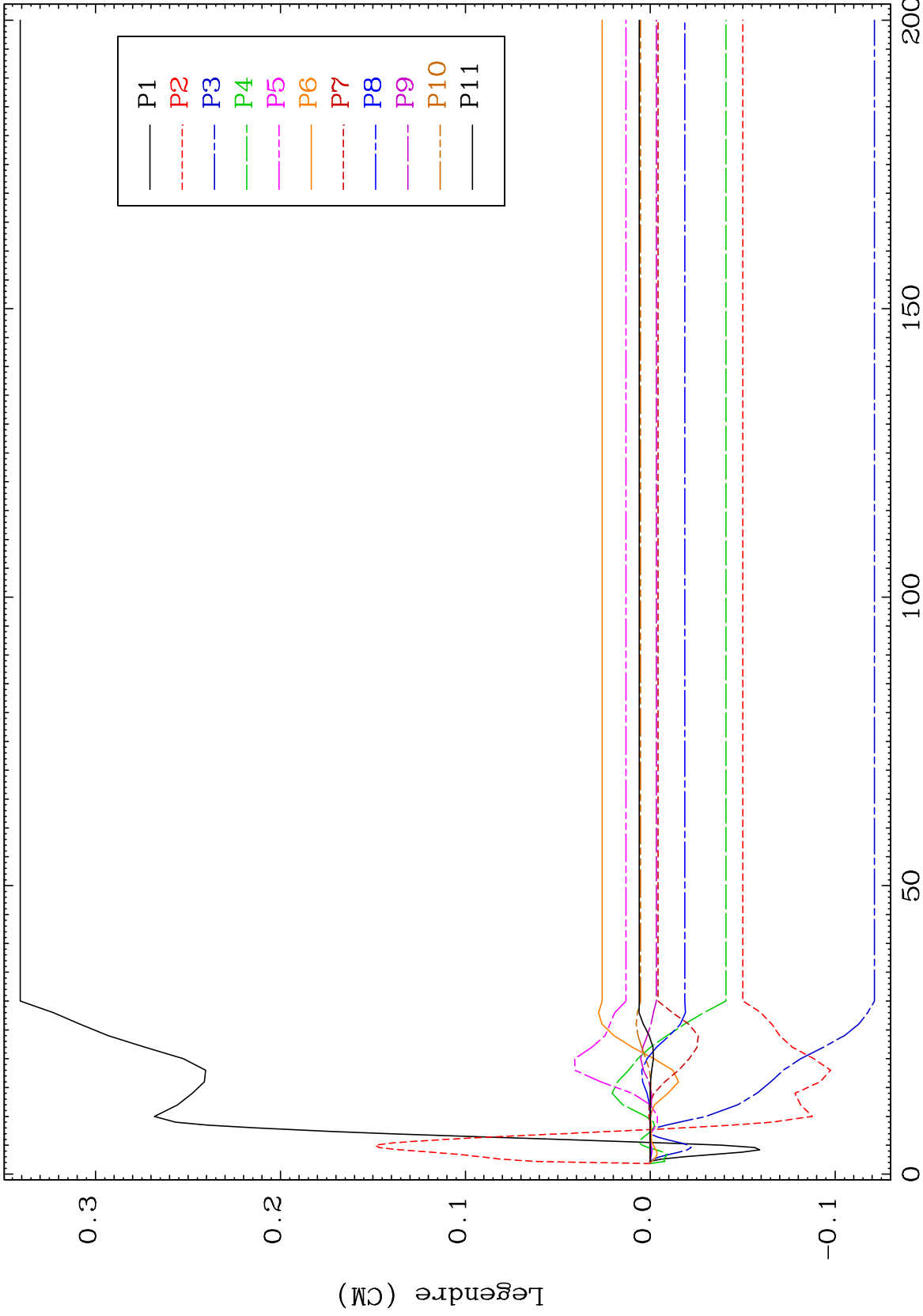
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



115

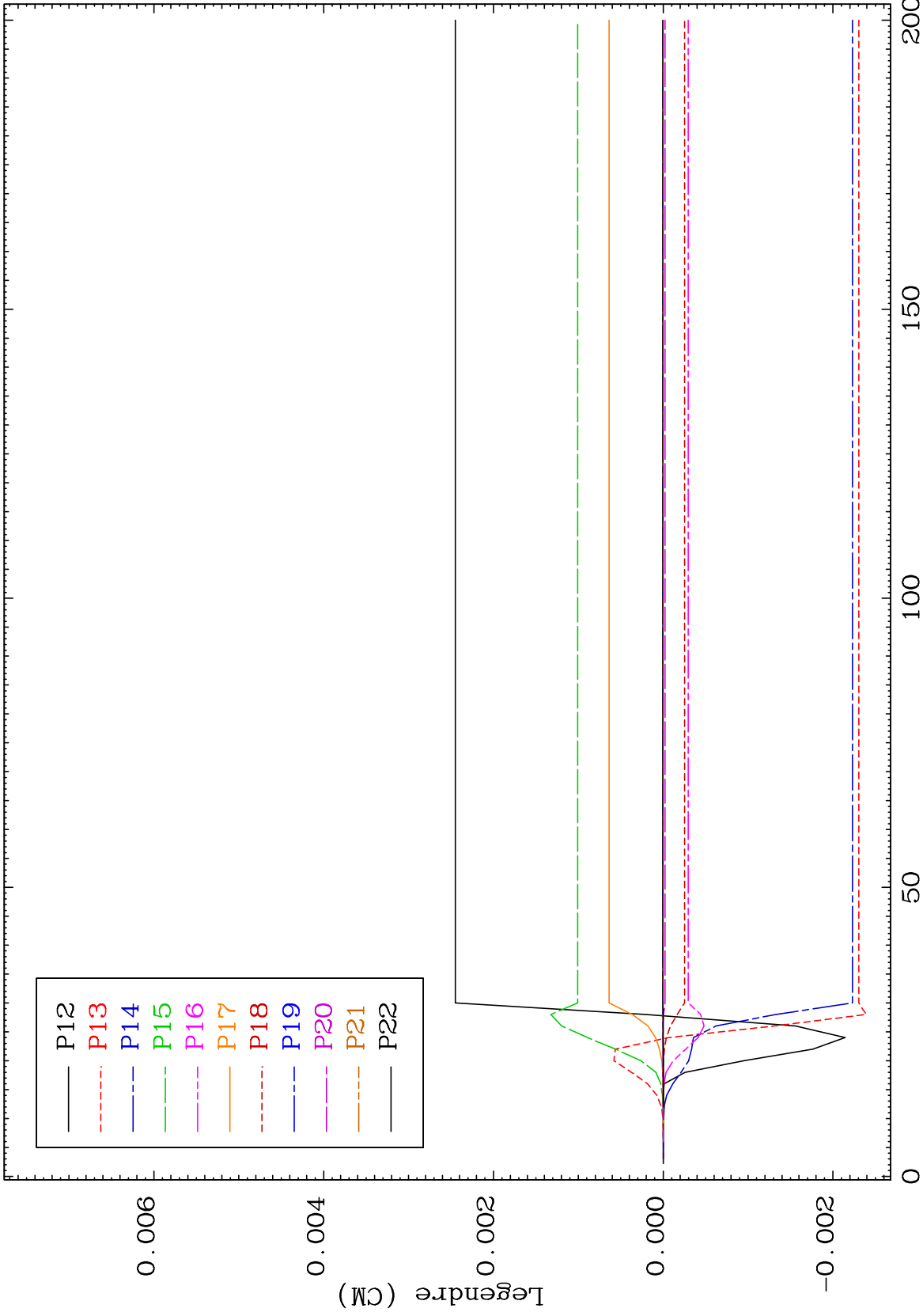
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



116

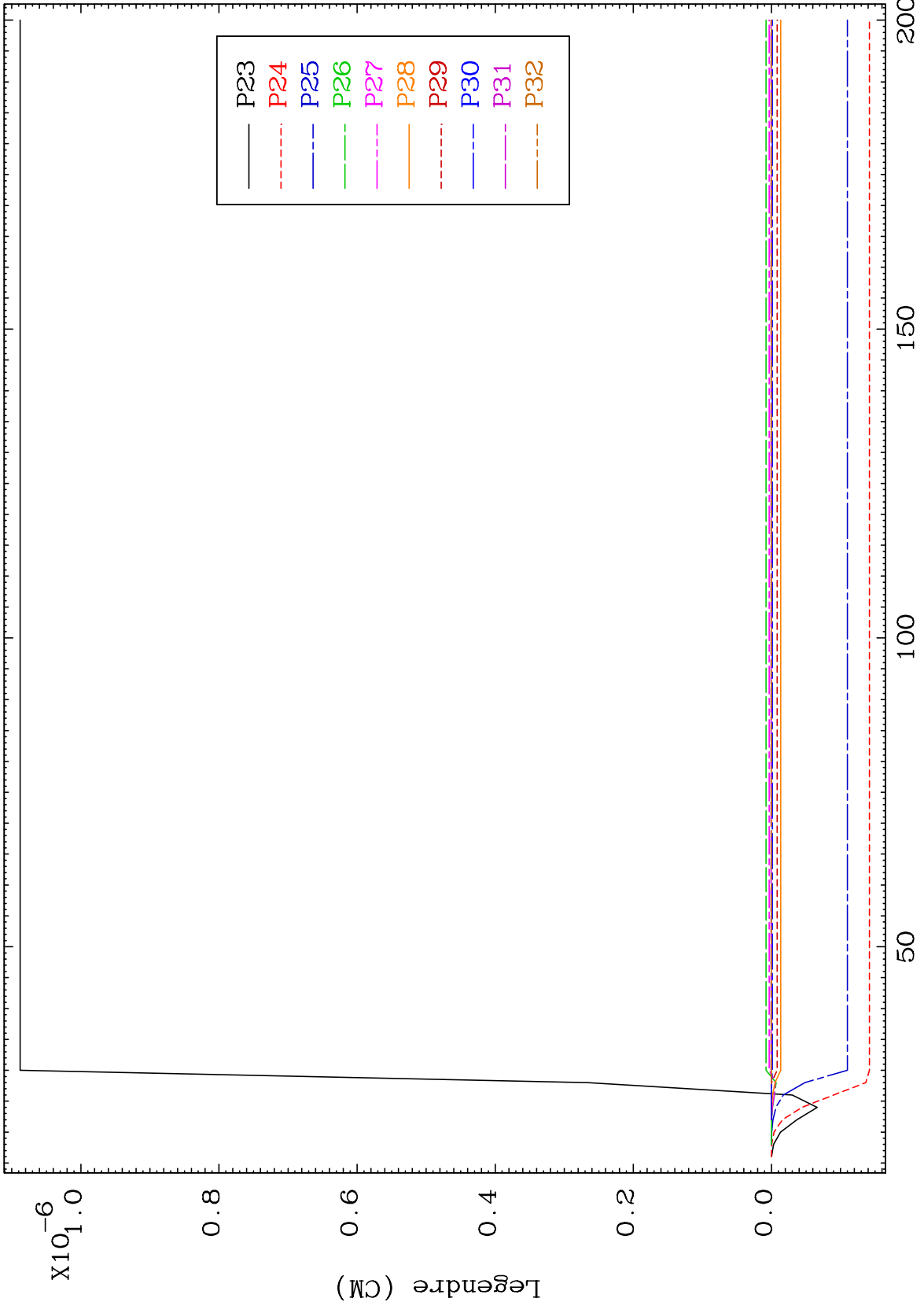
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



117

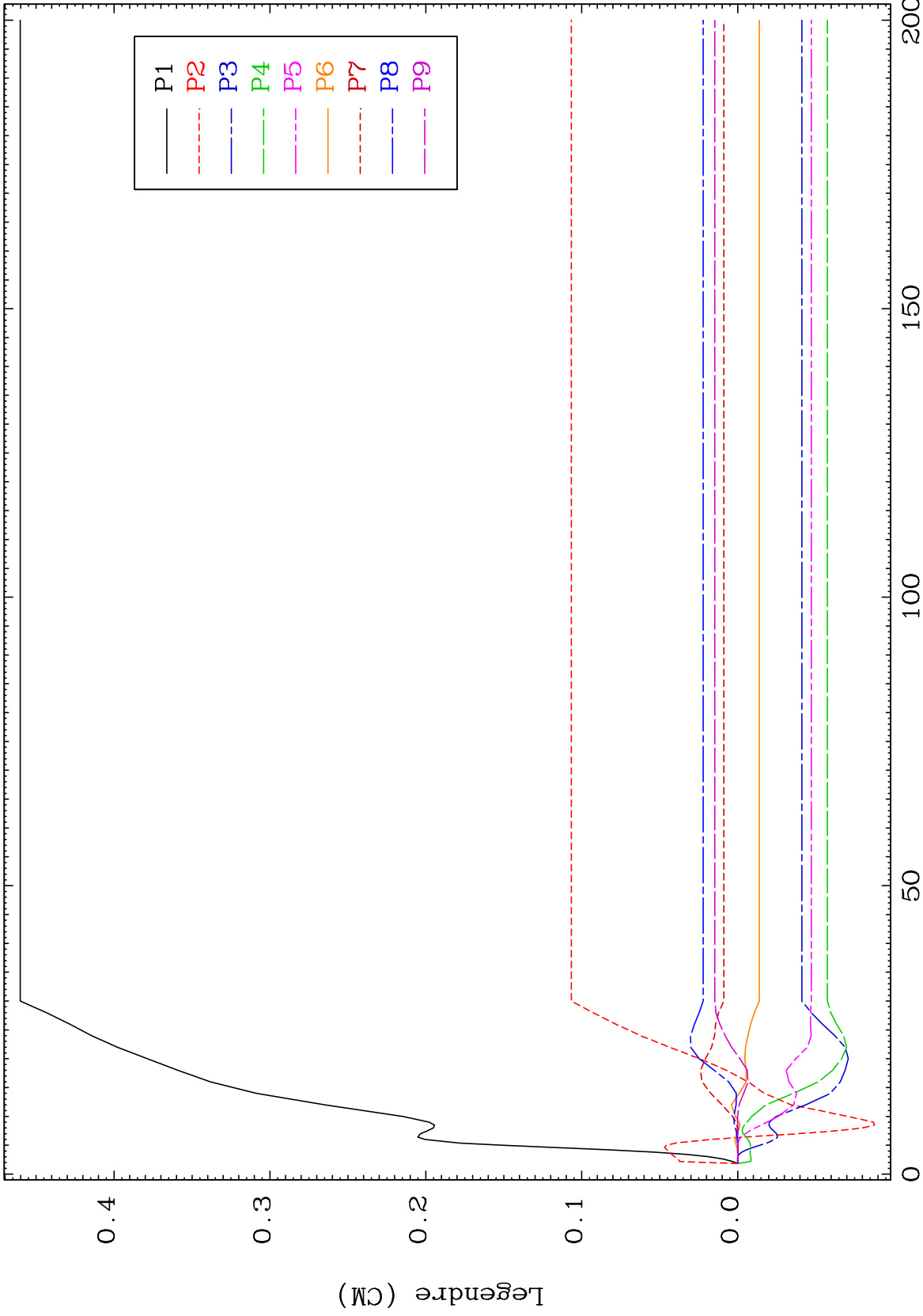
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



118

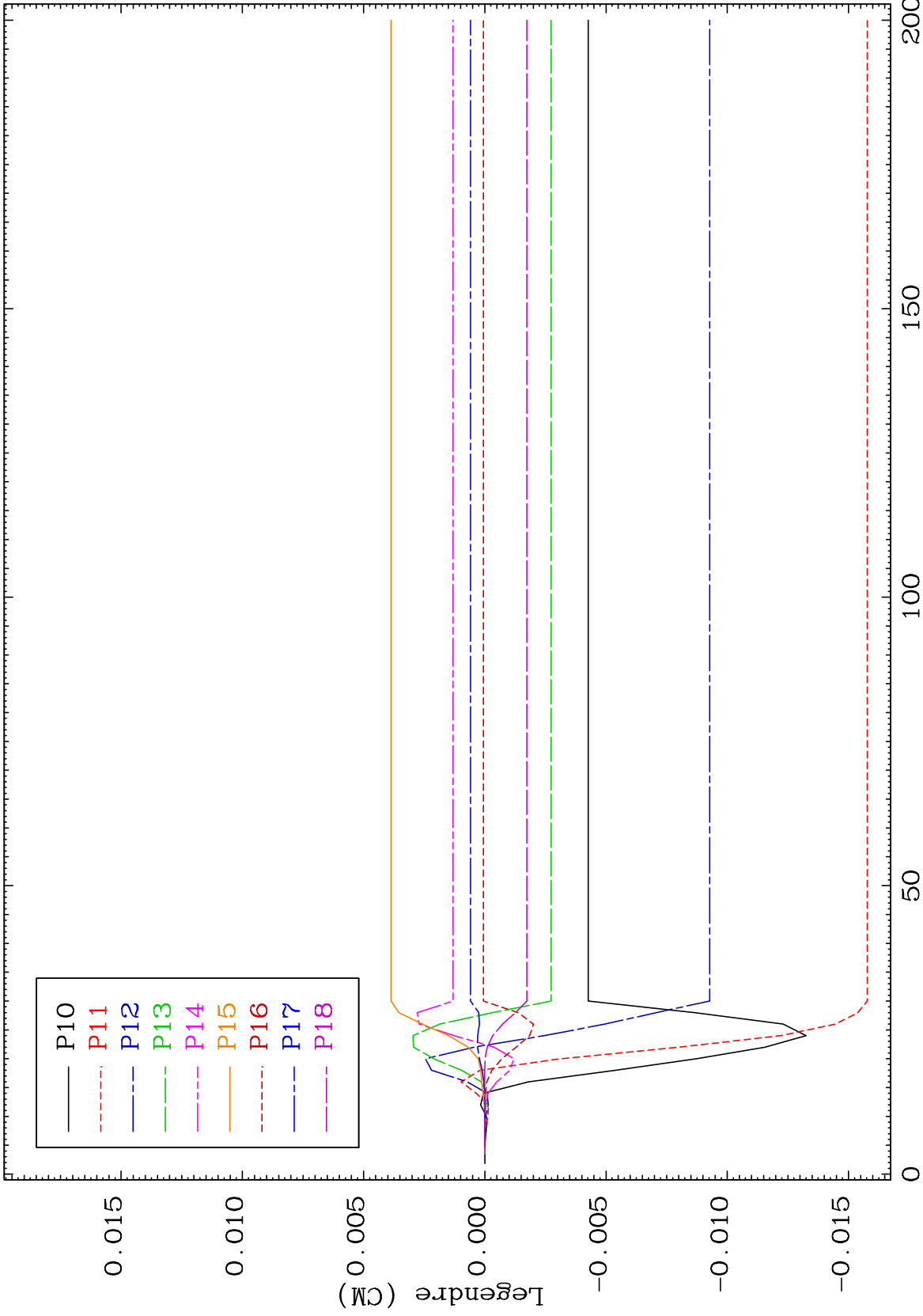
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



119

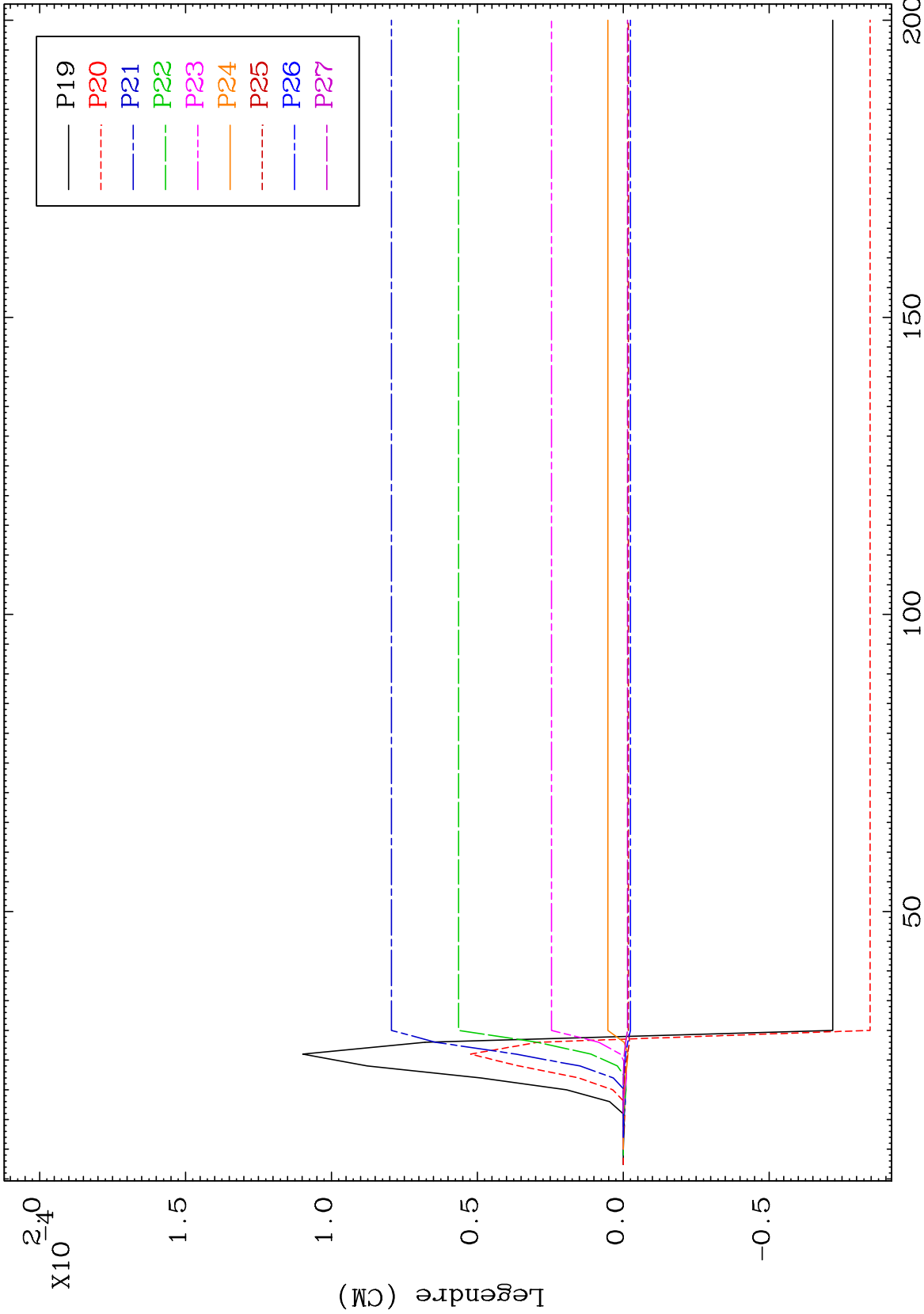
76-Os-182



MAT 7619

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

76-Os-182

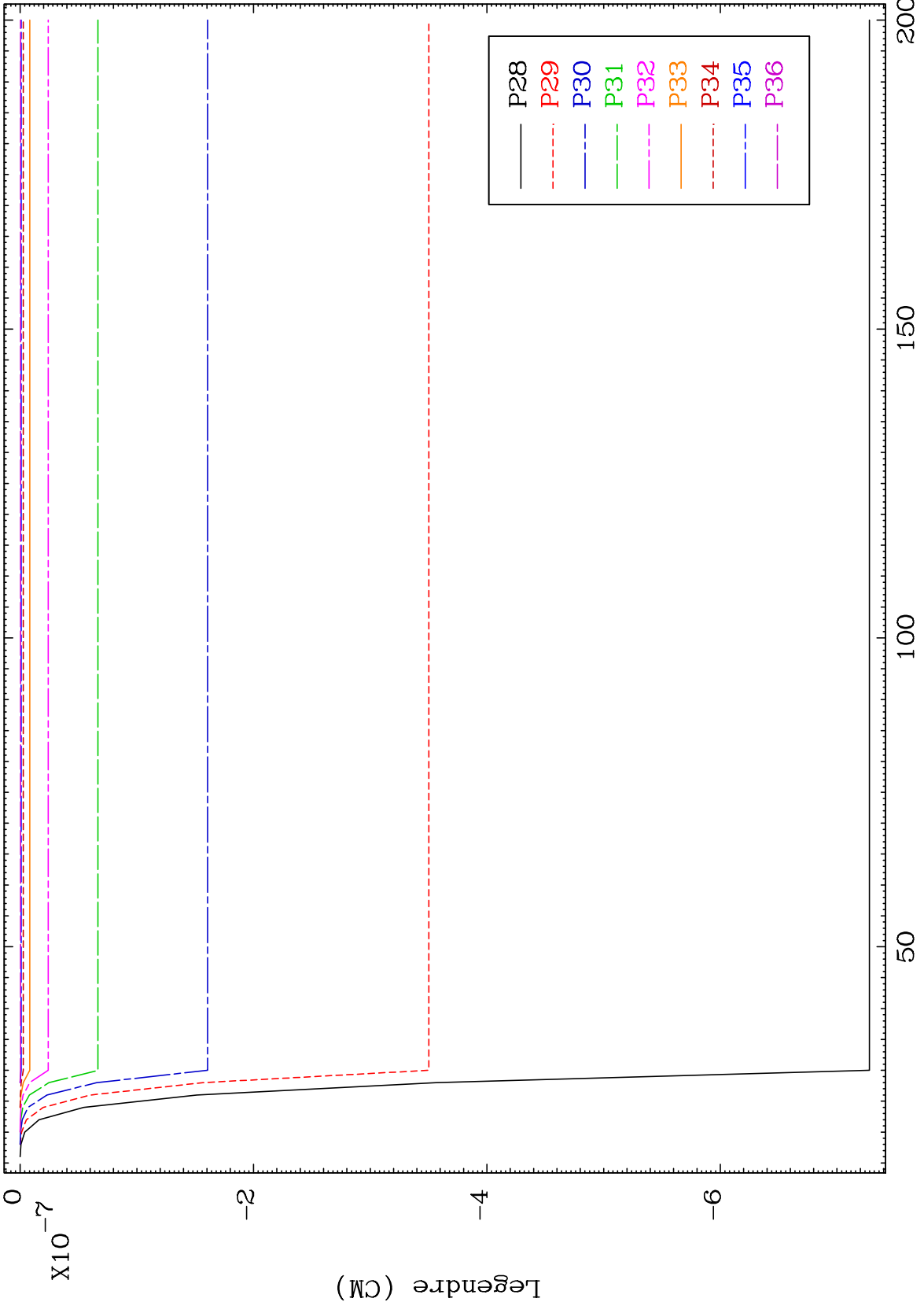


120

Incident Energy (MeV)

76-Os-182

MAT 7619 MT= 78 (n,n') Level Legendre Coefficients 76-Os-182

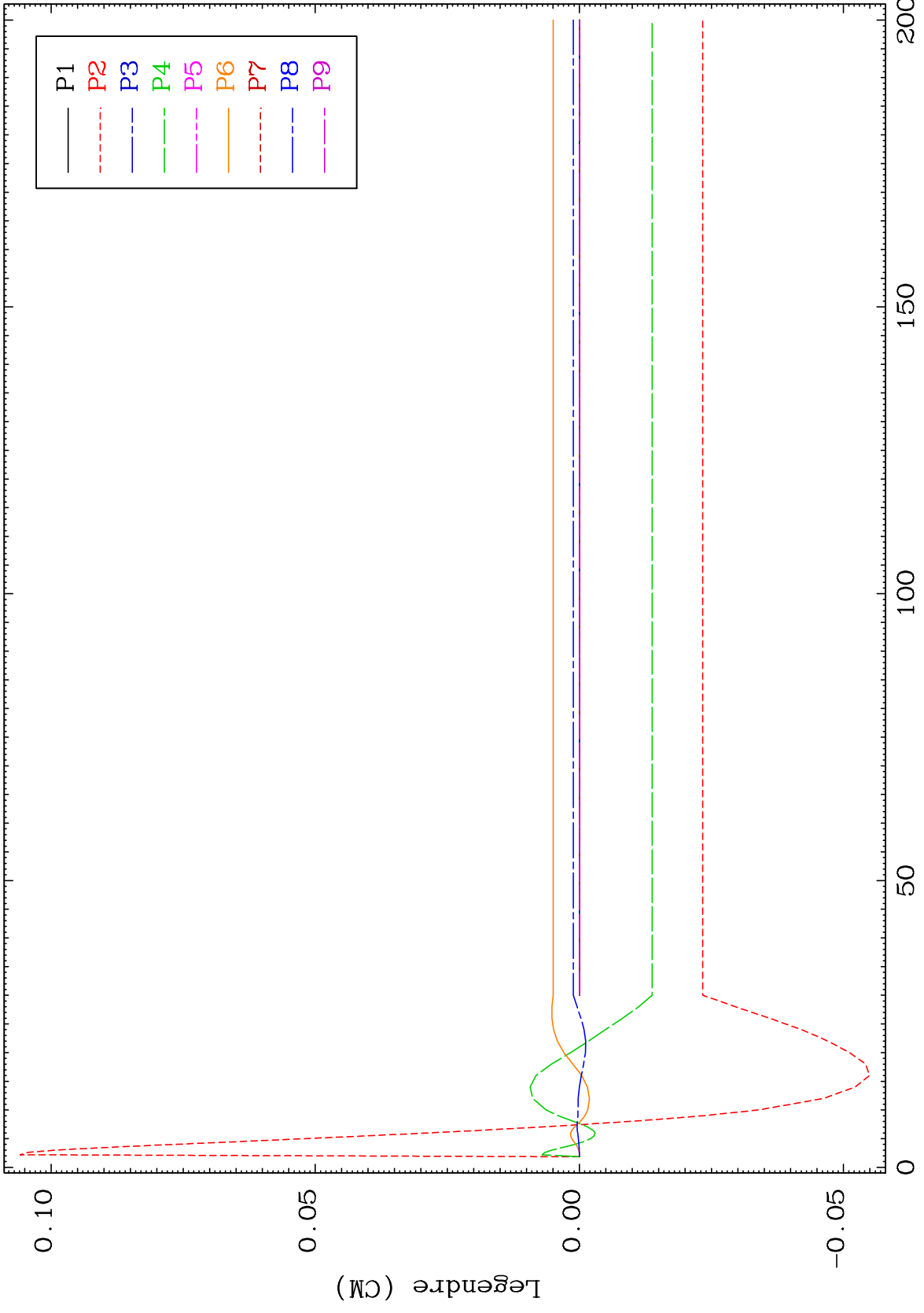


121 76-Os-182

MAT 7619

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

76-Os-182



122

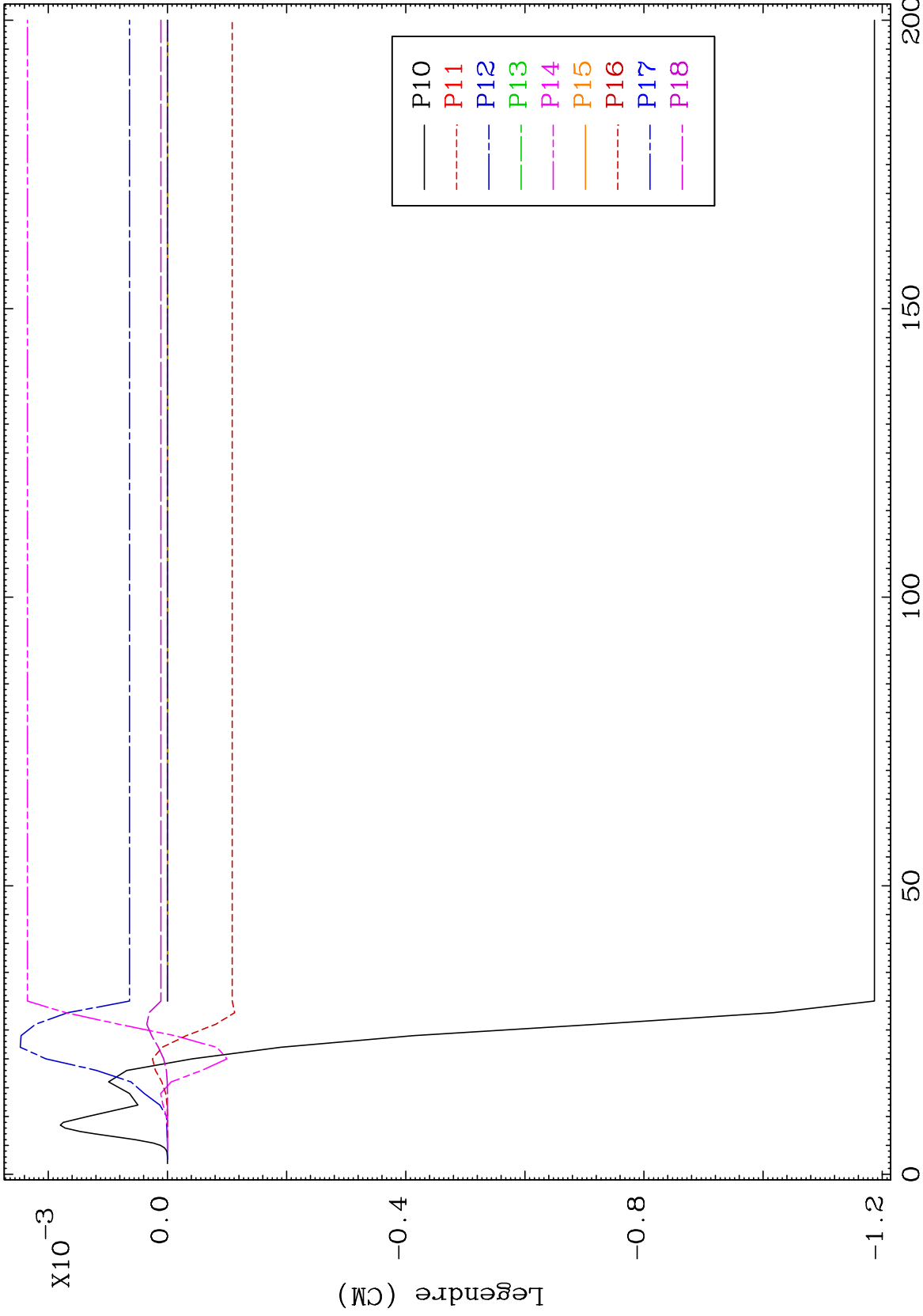
Incident Energy (MeV)

76-Os-182

MAT 7619

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

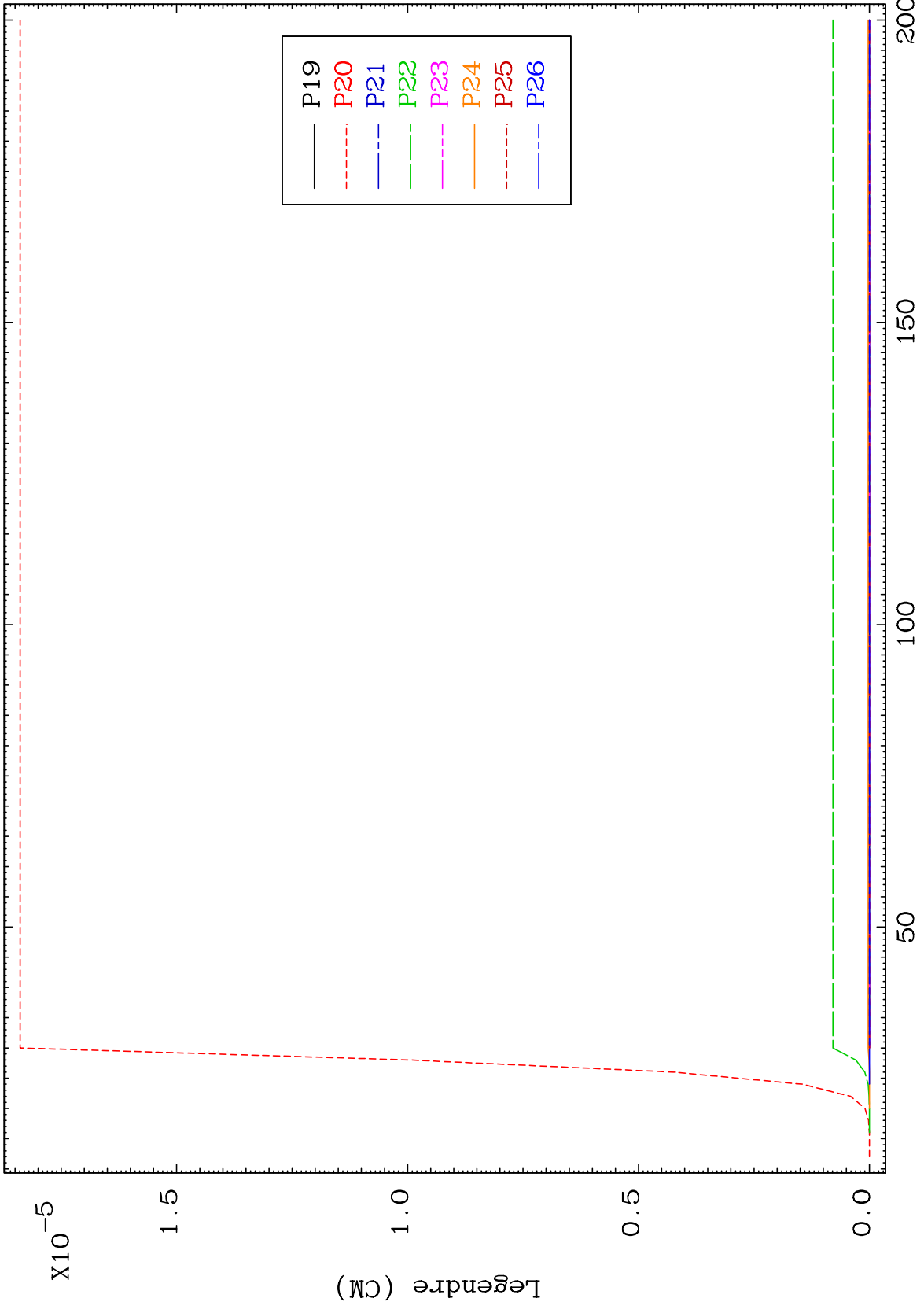
76-Os-182



123

76-Os-182

MAT 7619 MT= 79 (n,n') Level Legendre Coefficients 76-Os-182



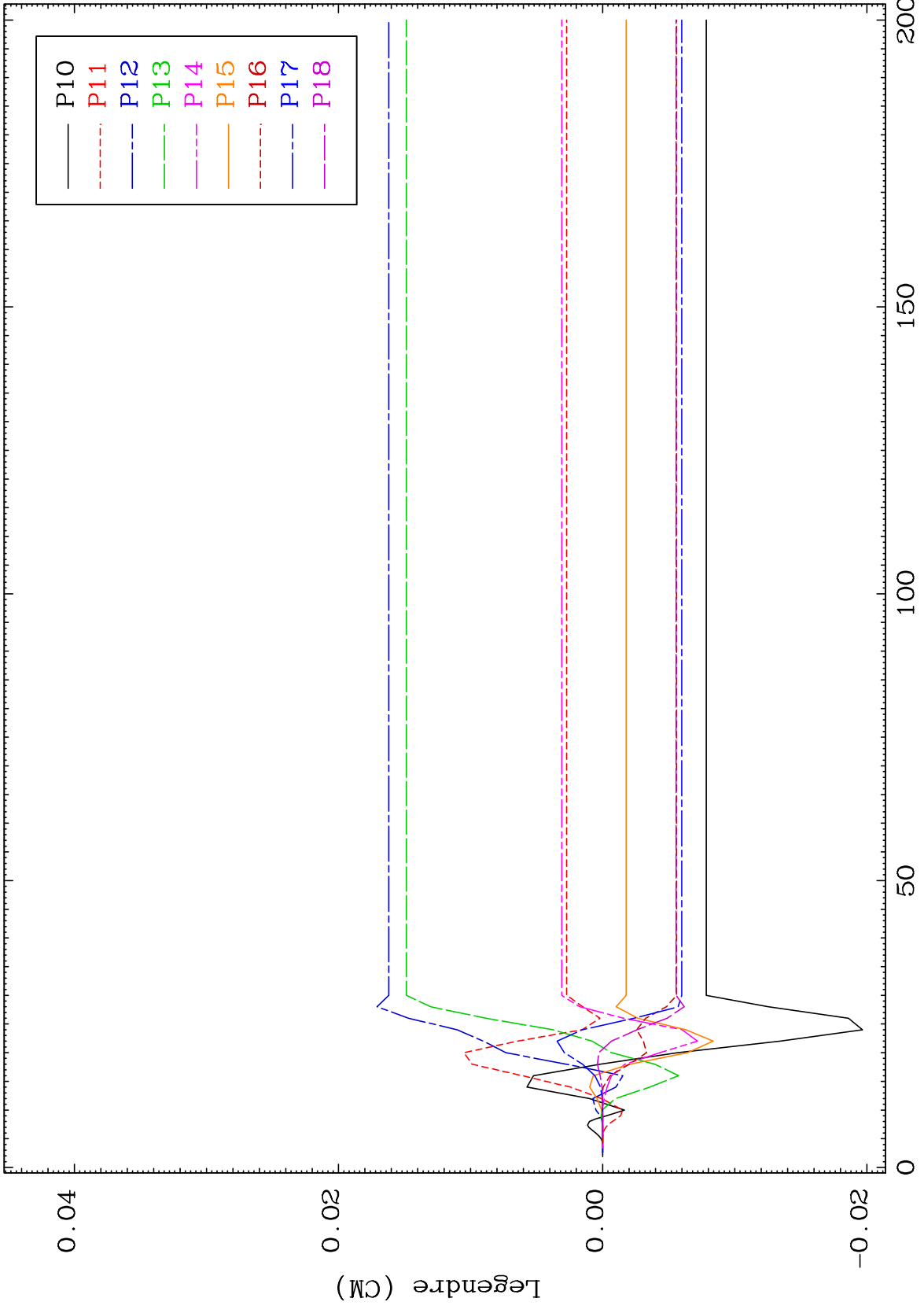
124 Incident Energy (MeV) 76-Os-182



MAT 7619

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

76-Os-182



126

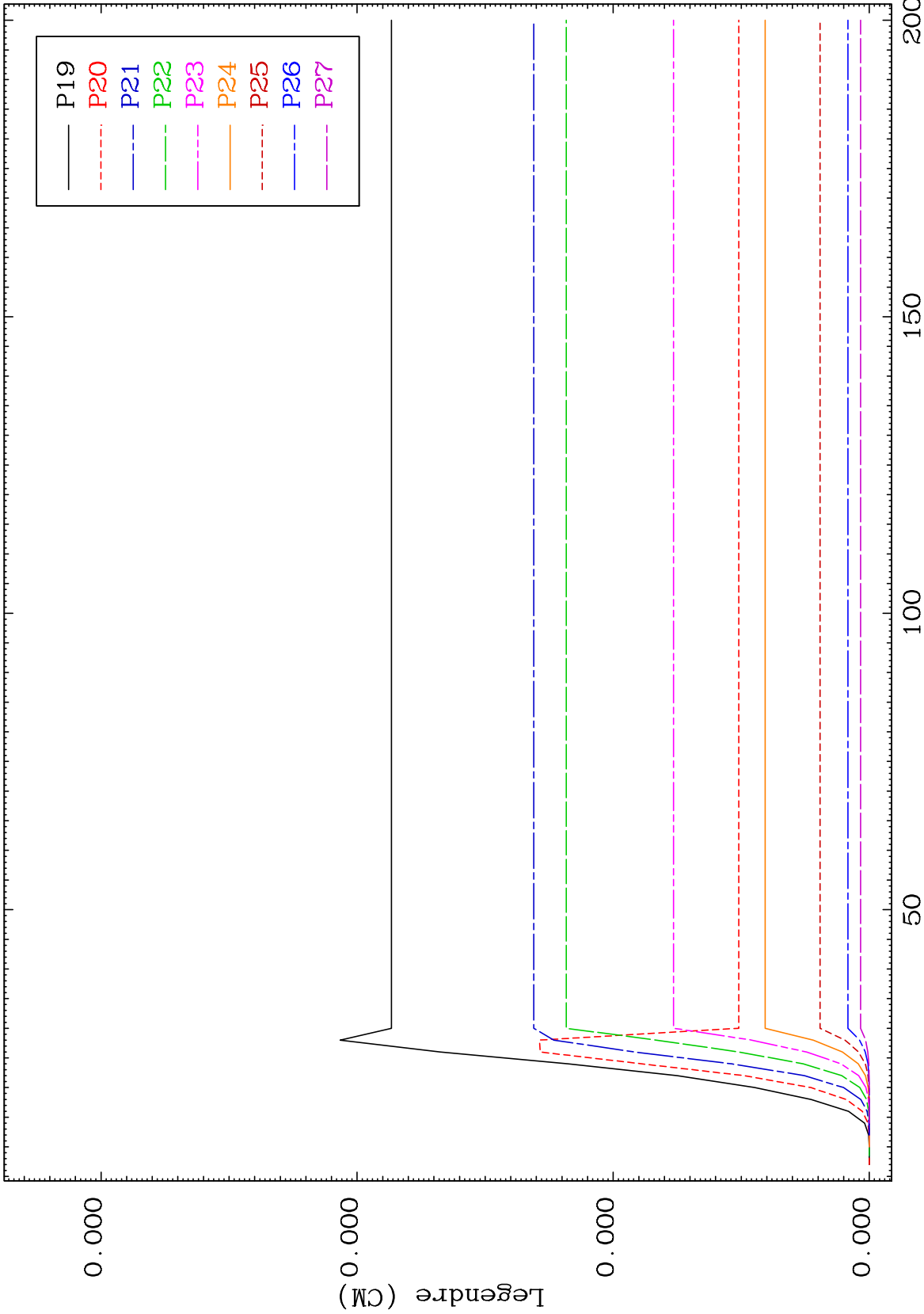
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



127

Incident Energy (MeV)

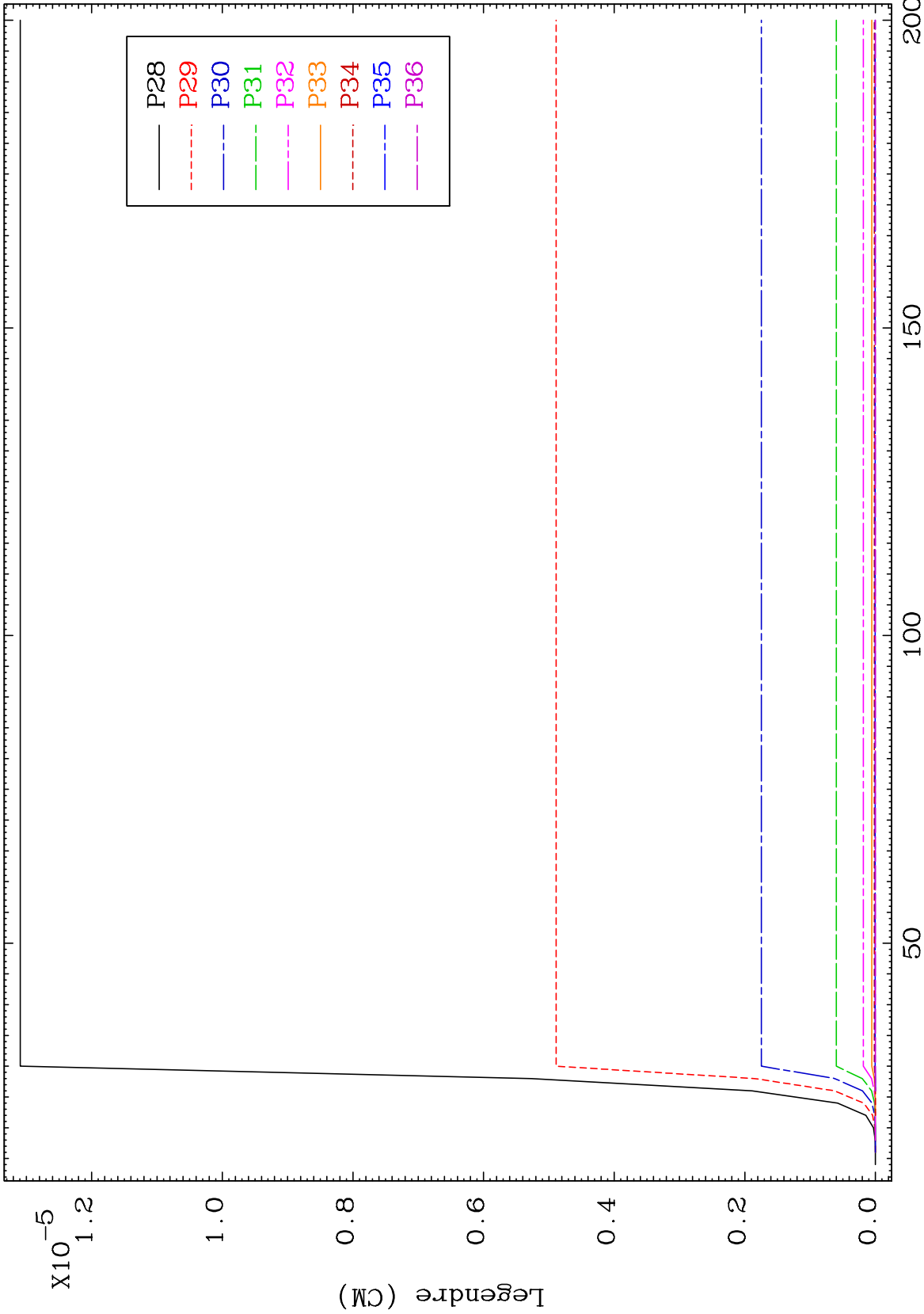
76-Os-182



MAT 7619

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

76-Os-182



128

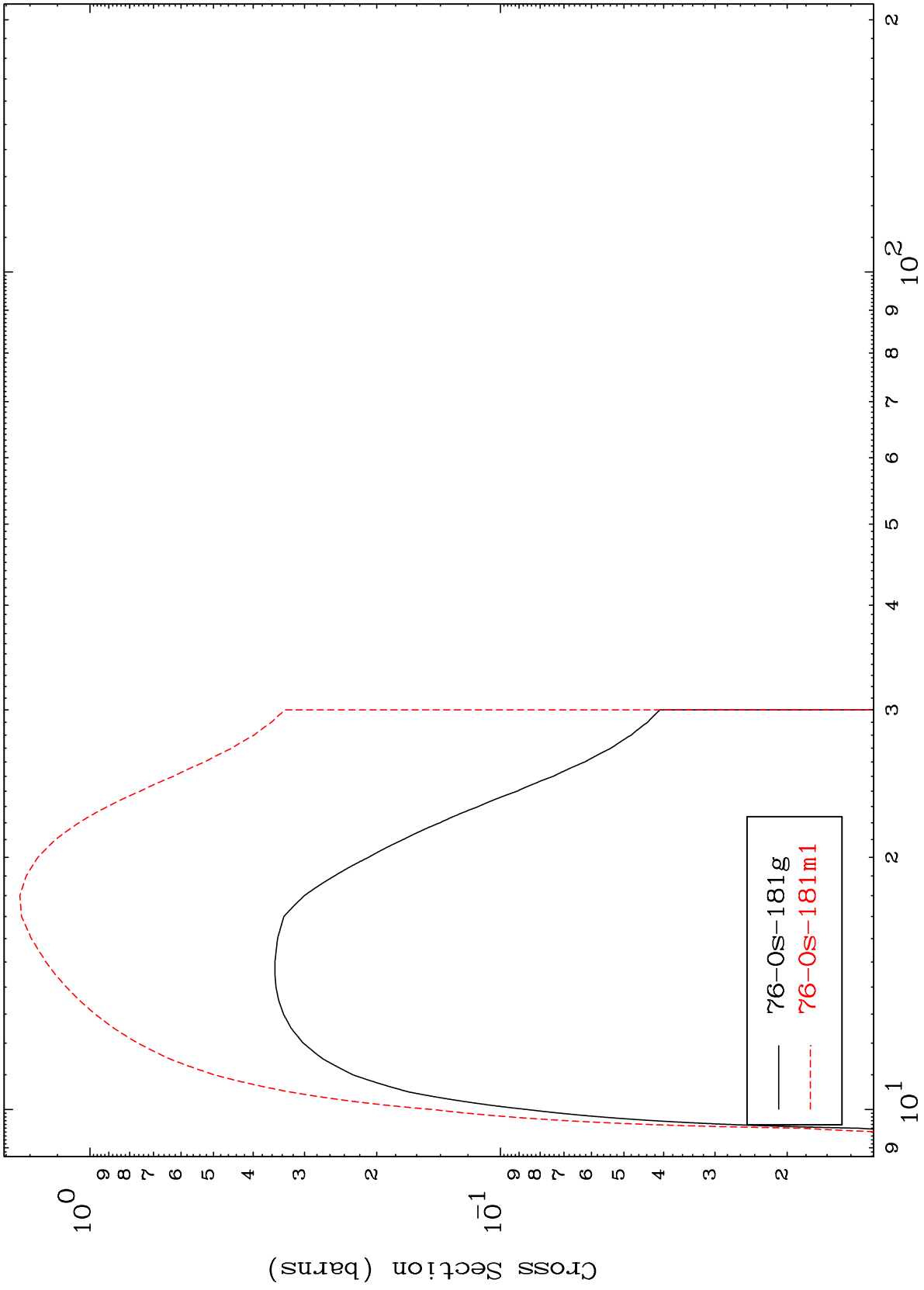
Incident Energy (MeV)

76-Os-182

MAT 7619

76-Os-182

(n,2n)  
Radionuclide Production Cross Section



129

Incident Energy (MeV)

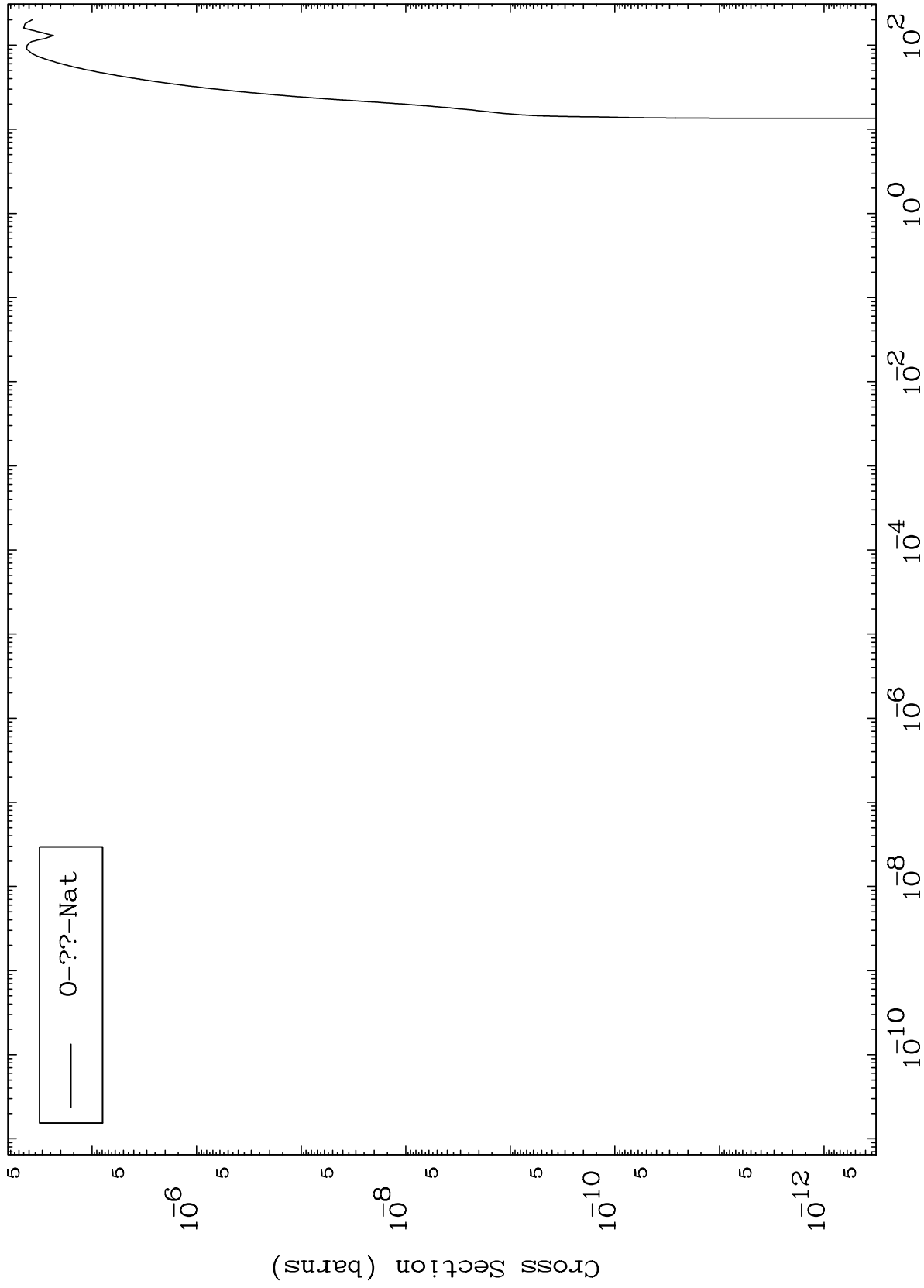
76-Os-182

MAT 7619

Fission

76-Os-182

Radionuclide Production Cross Section



130

Incident Energy (MeV)

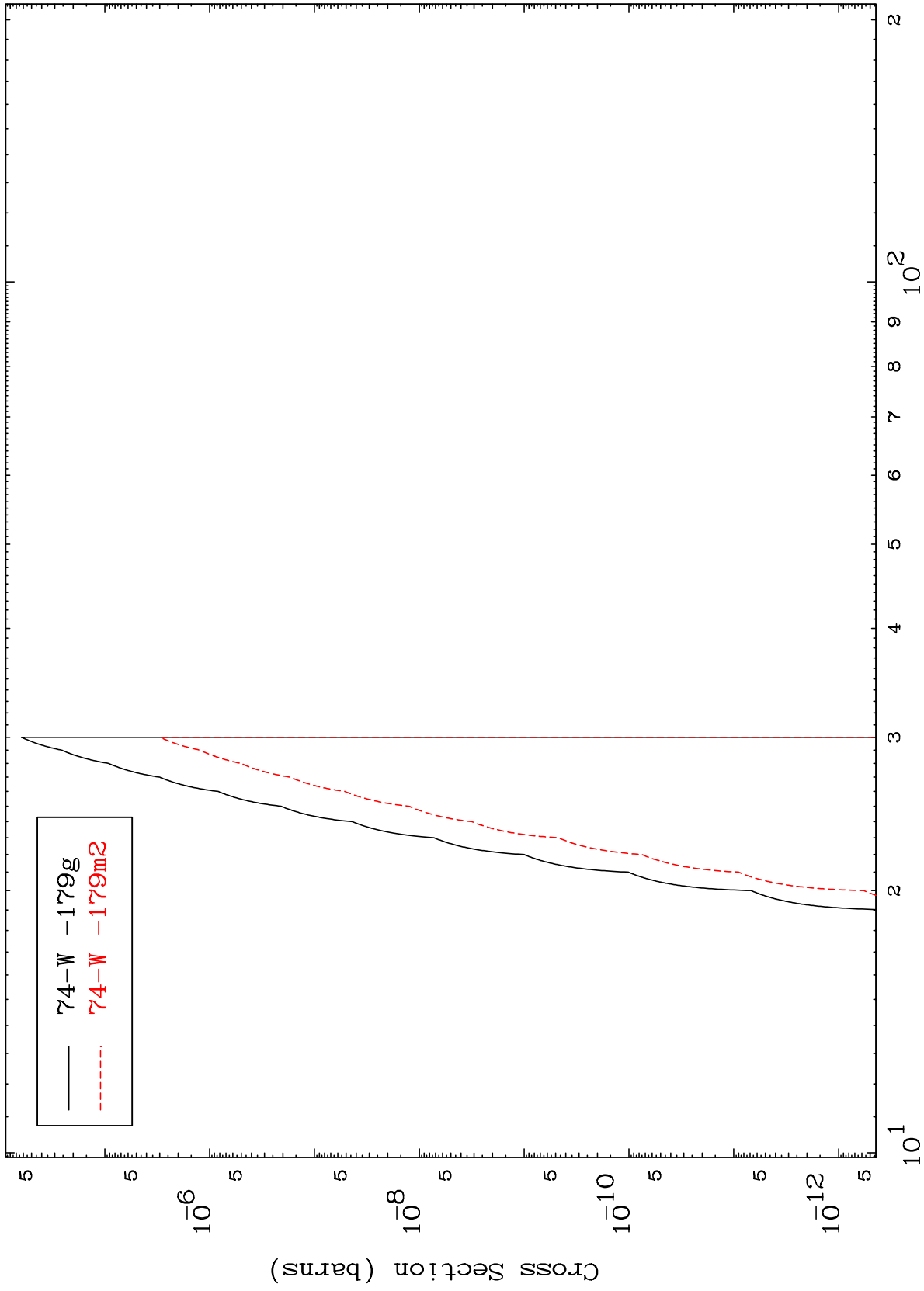
76-Os-182

MAT 7619

(n, n') He-3

76-Os-182

Radionuclide Production Cross Section



131

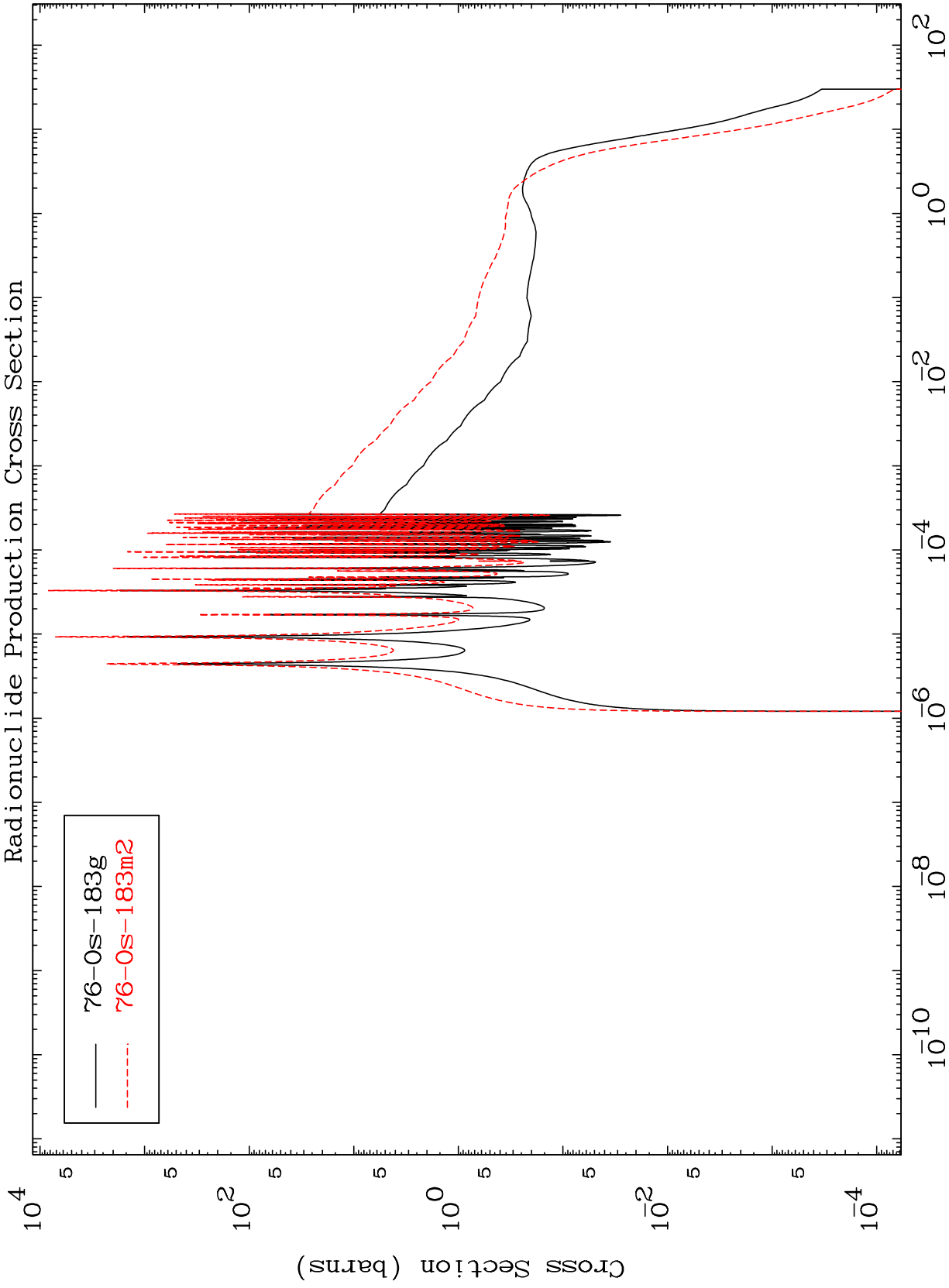
Incident Energy (MeV)

76-Os-182

MAT 7619

(n,γ)  
Radionuclide Production Cross Section

76-Os-182



132

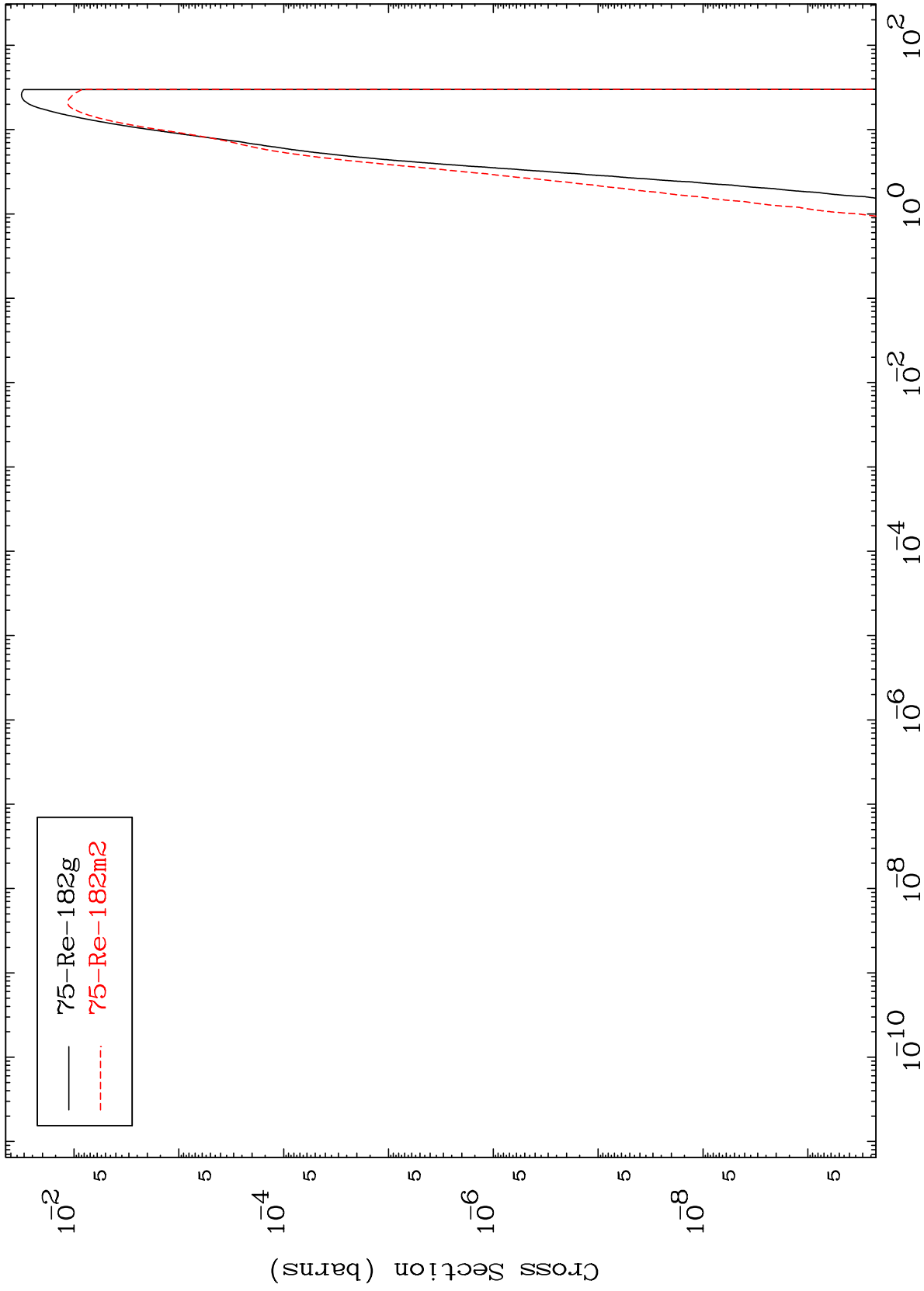
76-Os-182

MAT 7619

(n,p)

76-Os-182

Radionuclide Production Cross Section



133

Incident Energy (MeV)

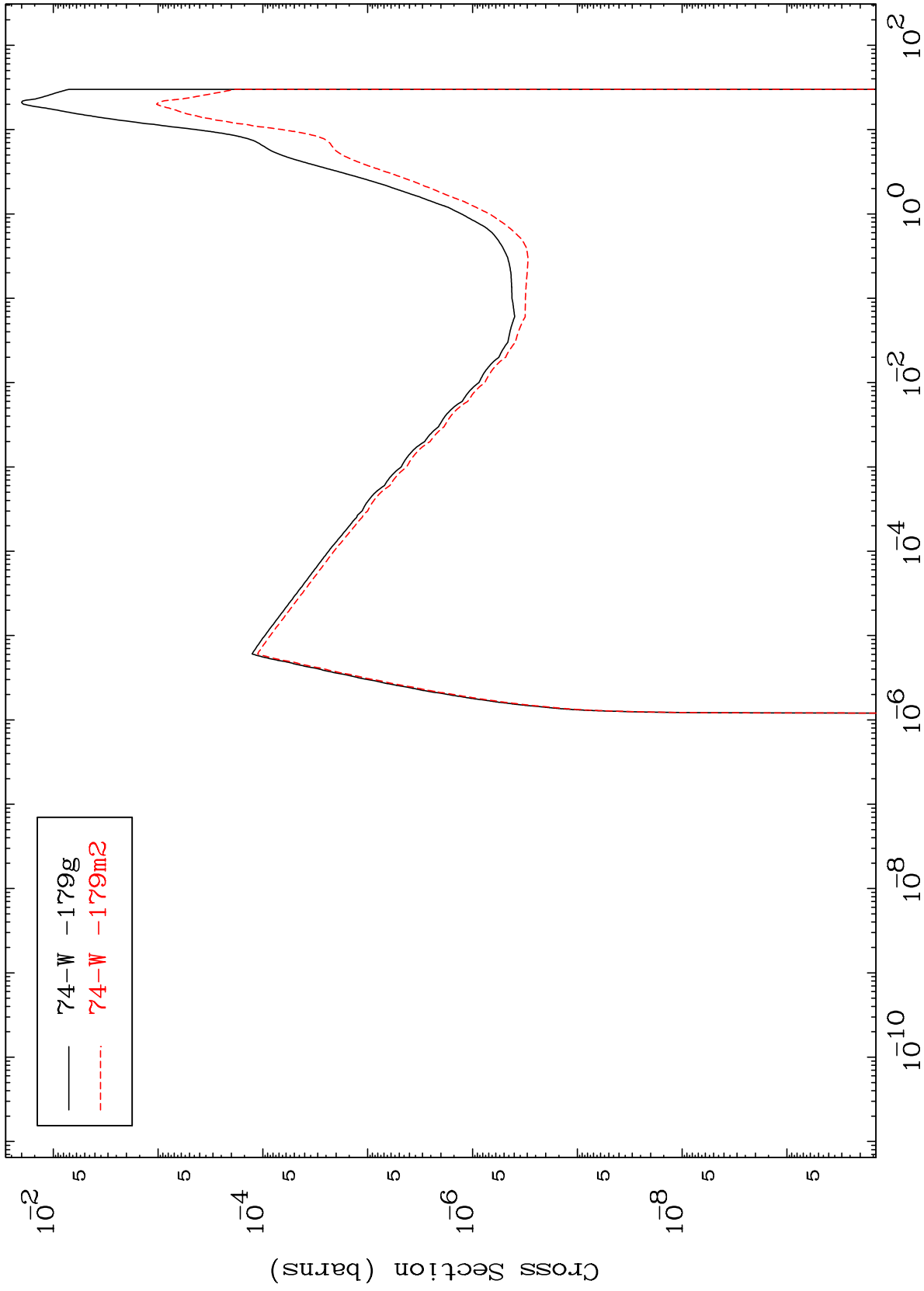
76-Os-182

MAT 7619

(n,  $\alpha$ )

76-Os-182

Radionuclide Production Cross Section



134

Incident Energy (MeV)

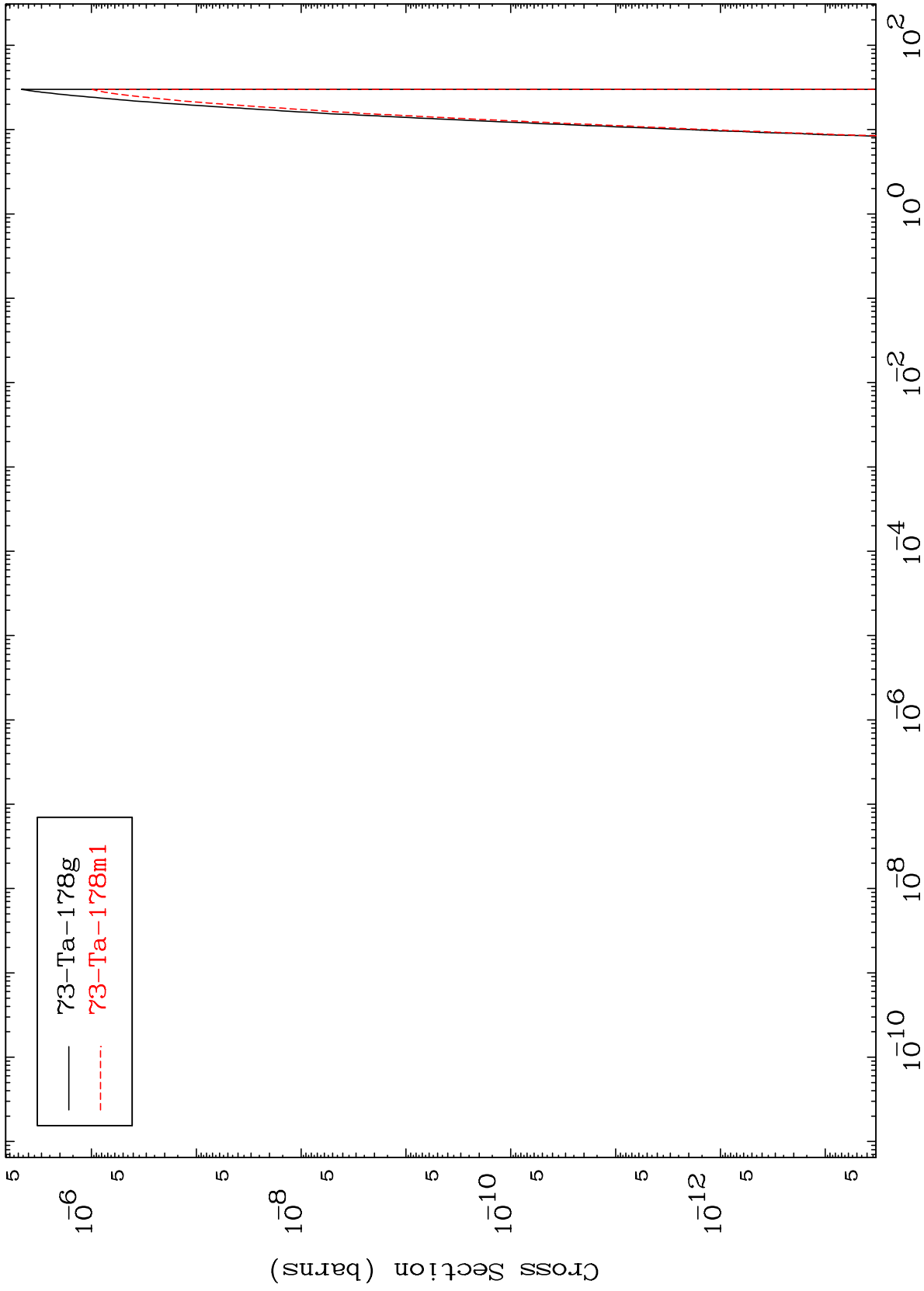
76-Os-182

MAT 7619

(n,p)  $\alpha$

76-Os-182

Radionuclide Production Cross Section



135

Incident Energy (MeV)

76-Os-182

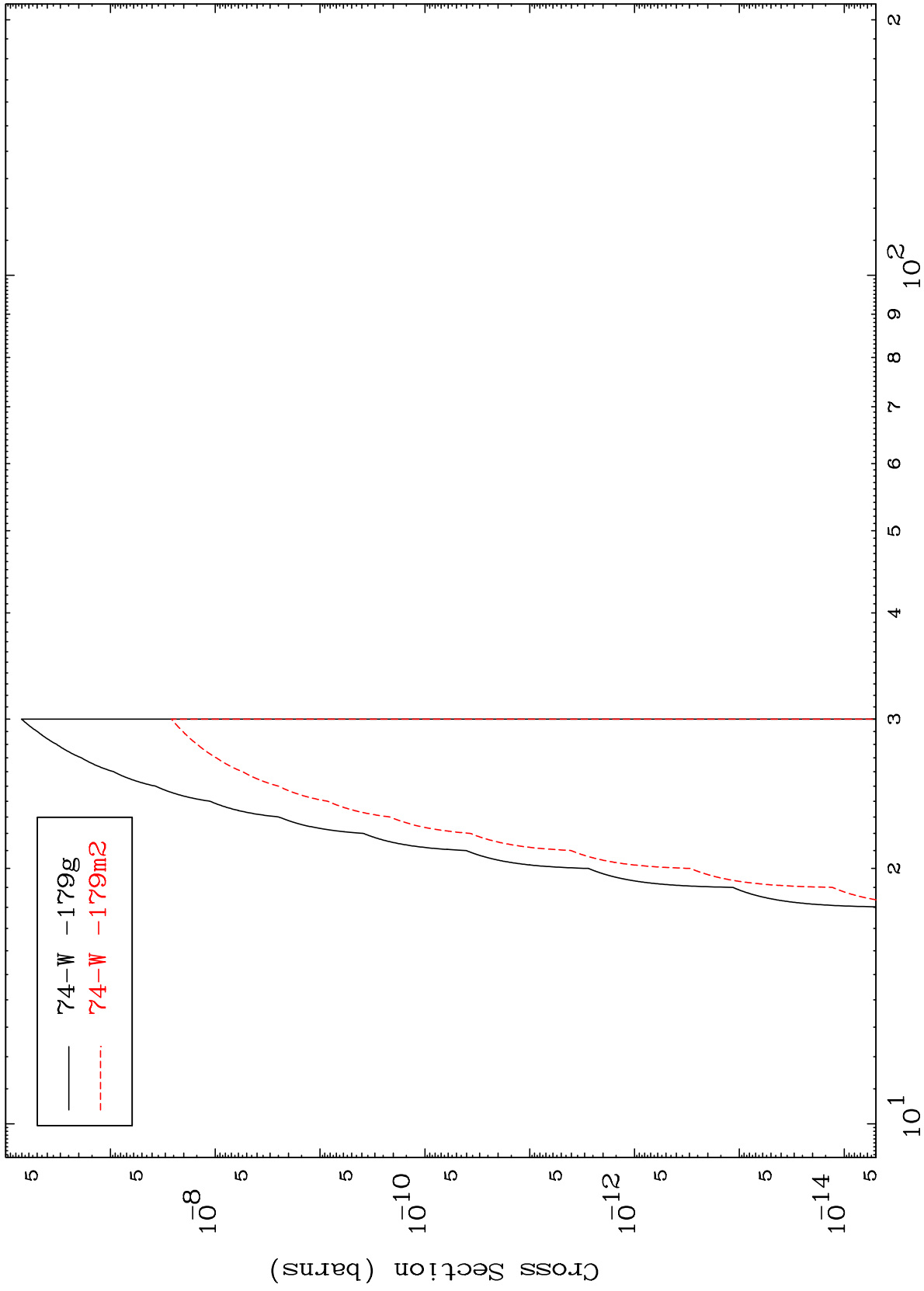


MAT 7619

(n,p) t

76-Os-182

Radionuclide Production Cross Section



136

Incident Energy (MeV)

76-Os-182