

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

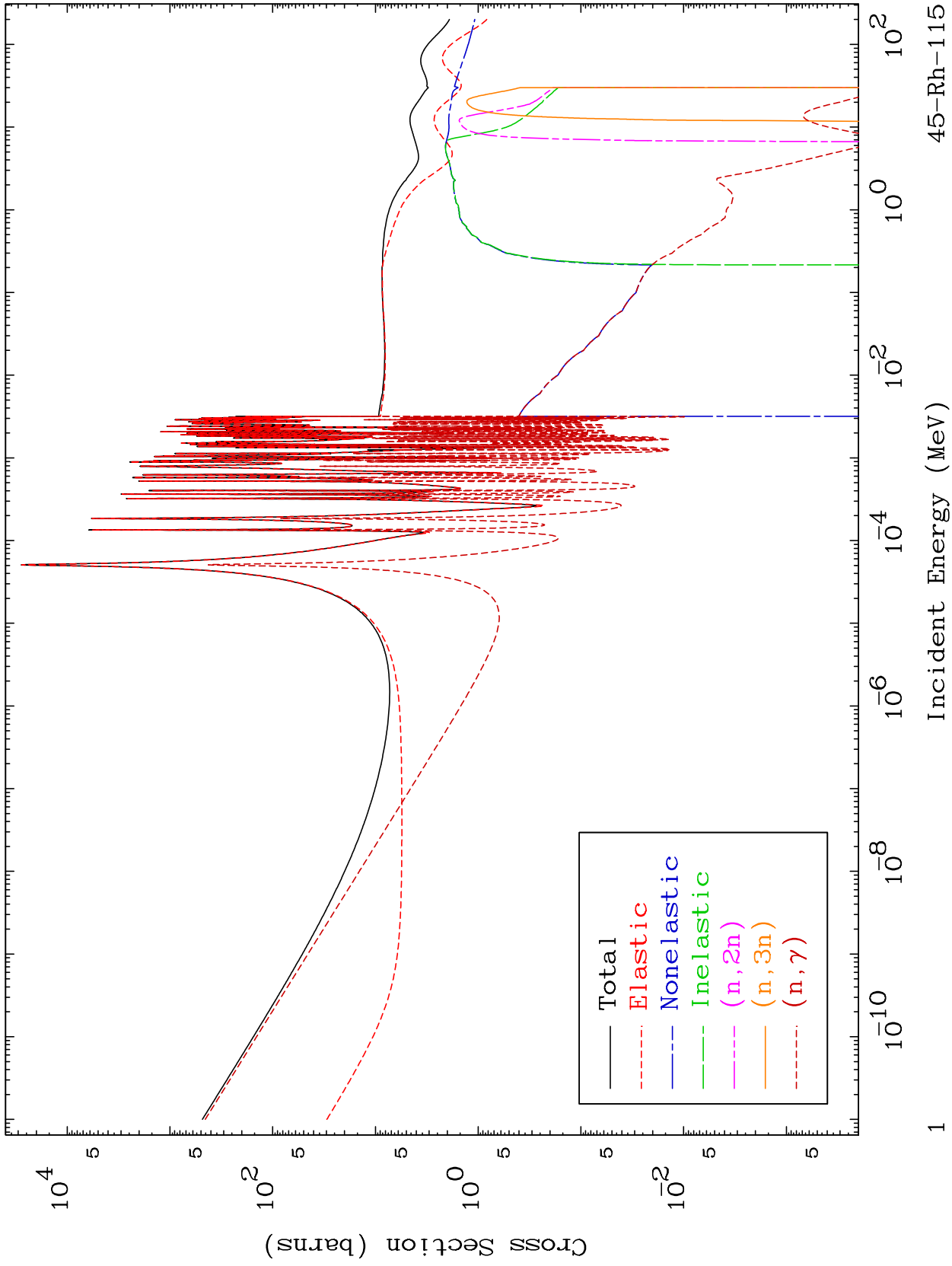
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4561

Neutron Major  
293 Kelvin Cross Sections

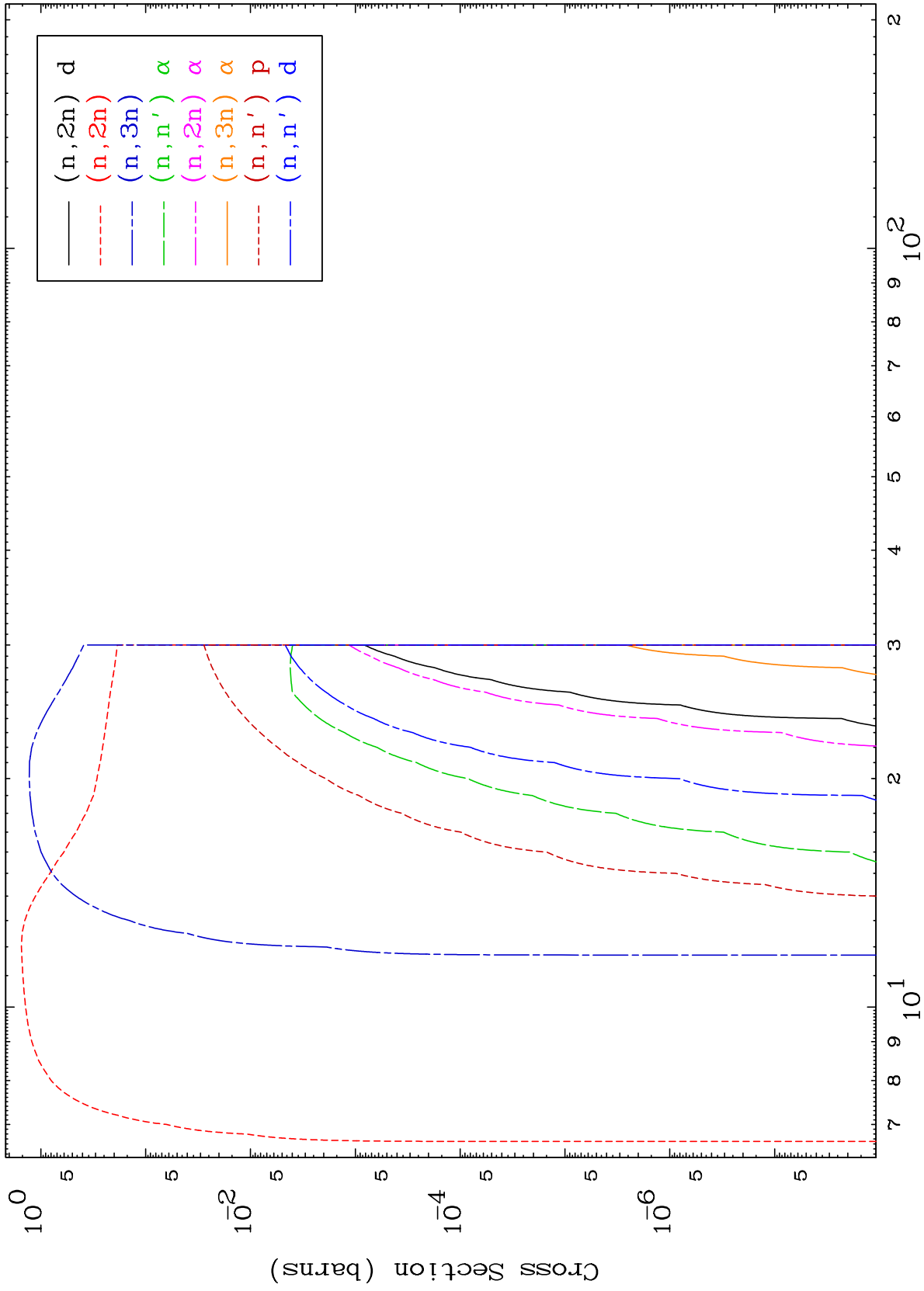
45-Rh-115



MAT 4561

Neutron Absorption  
293 Kelvin Cross Sections

45-Rh-115



2

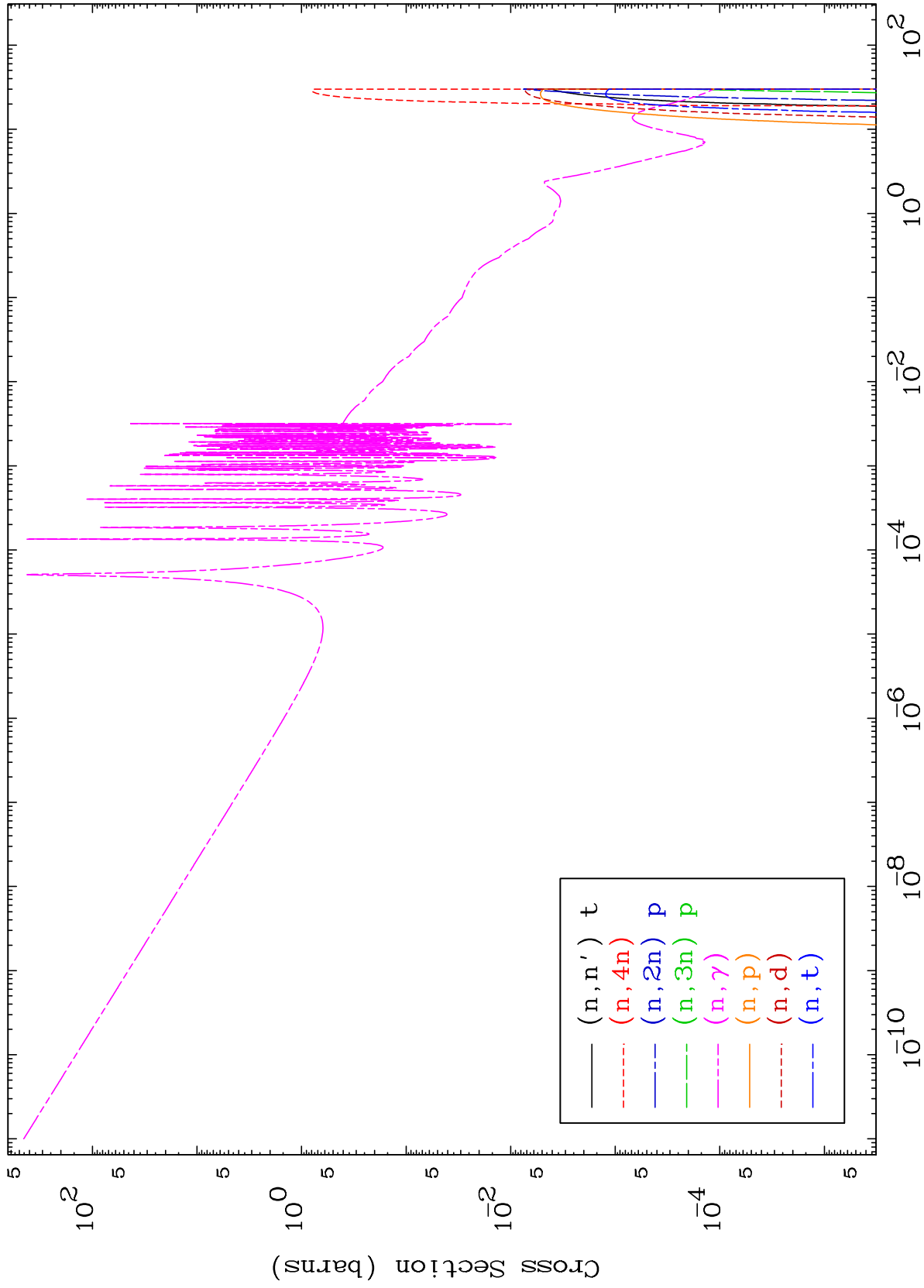
Incident Energy (MeV)

45-Rh-115

MAT 4561

Neutron Absorption  
293 Kelvin Cross Sections

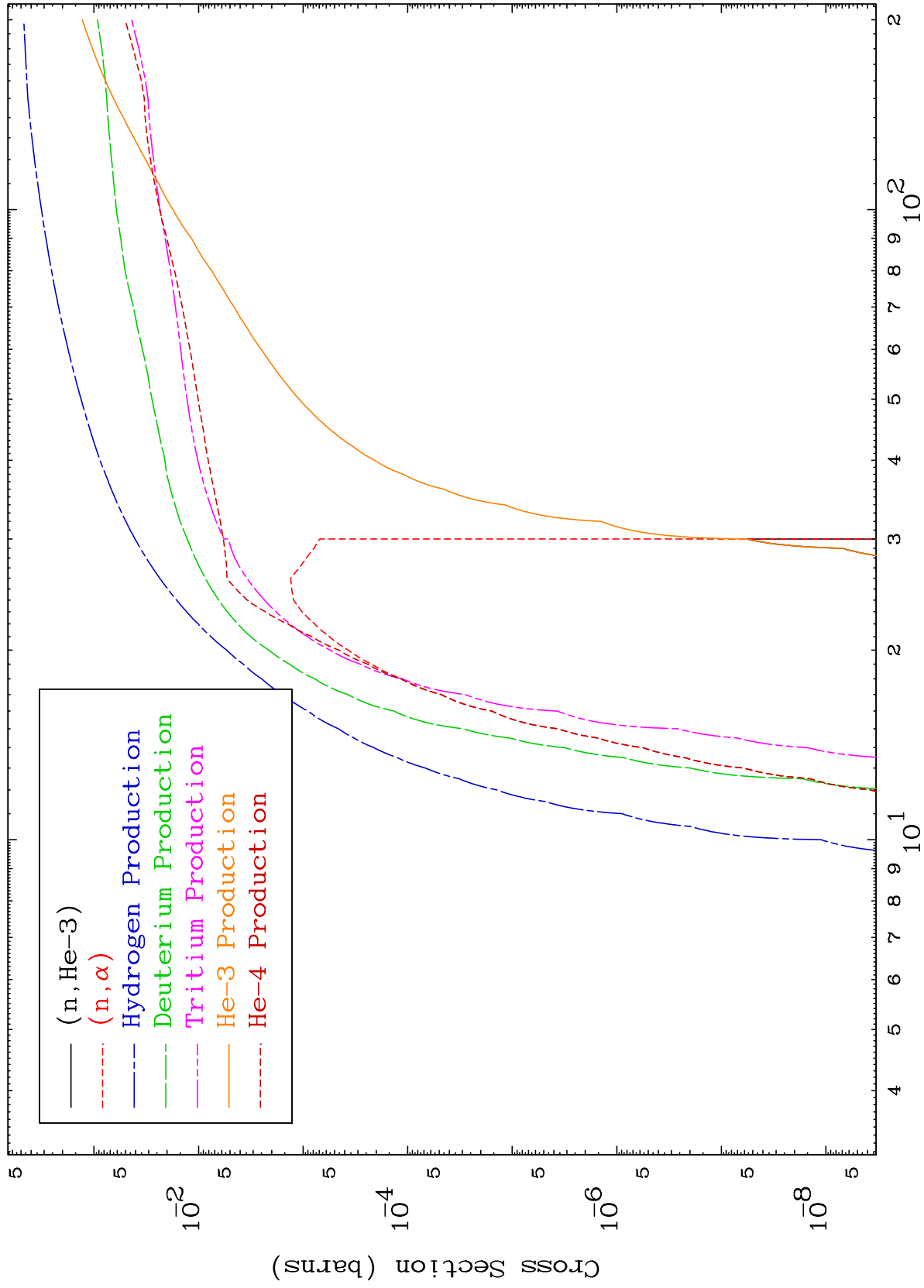
45-Rh-115

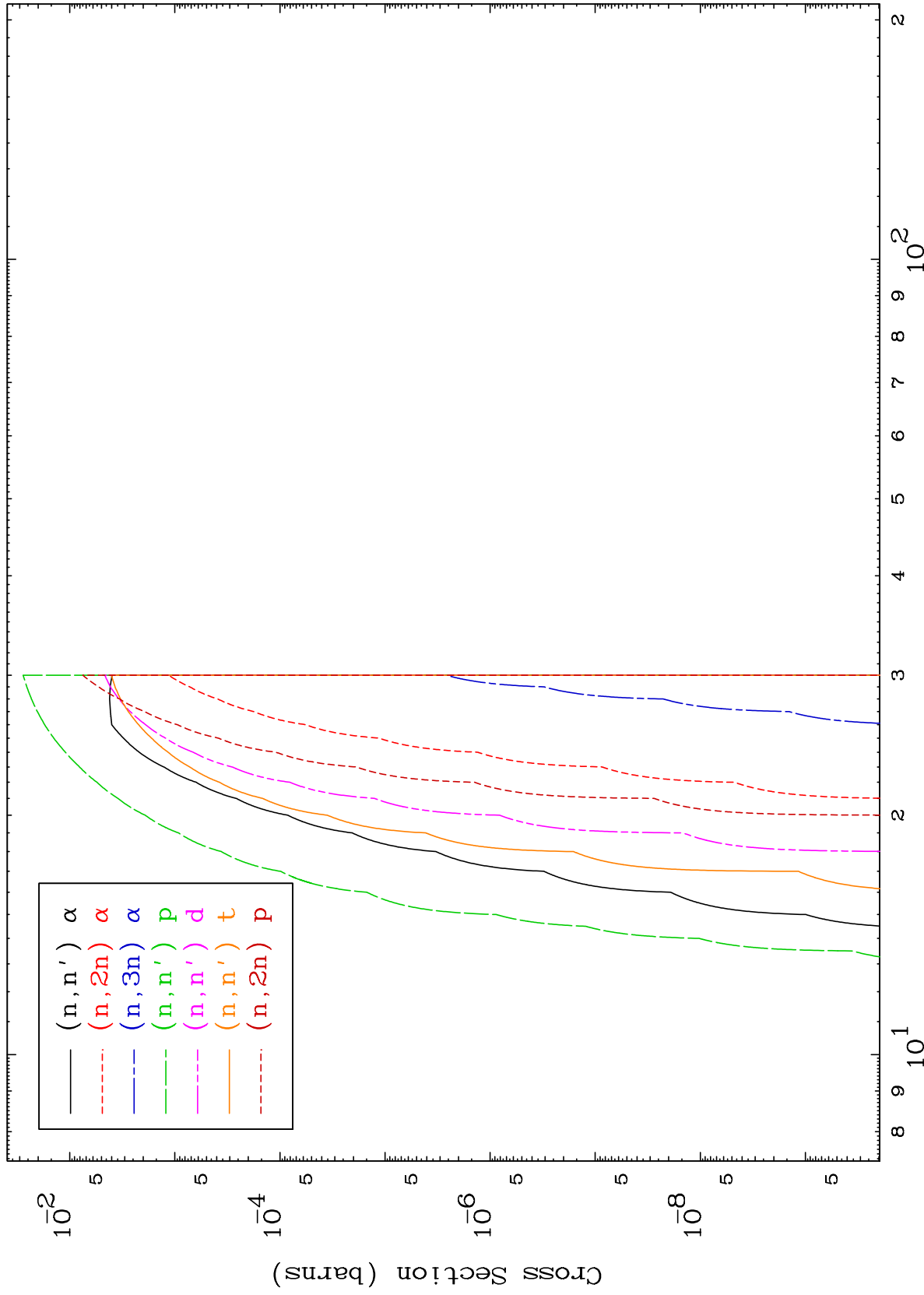


3

Incident Energy (MeV)

45-Rh-115

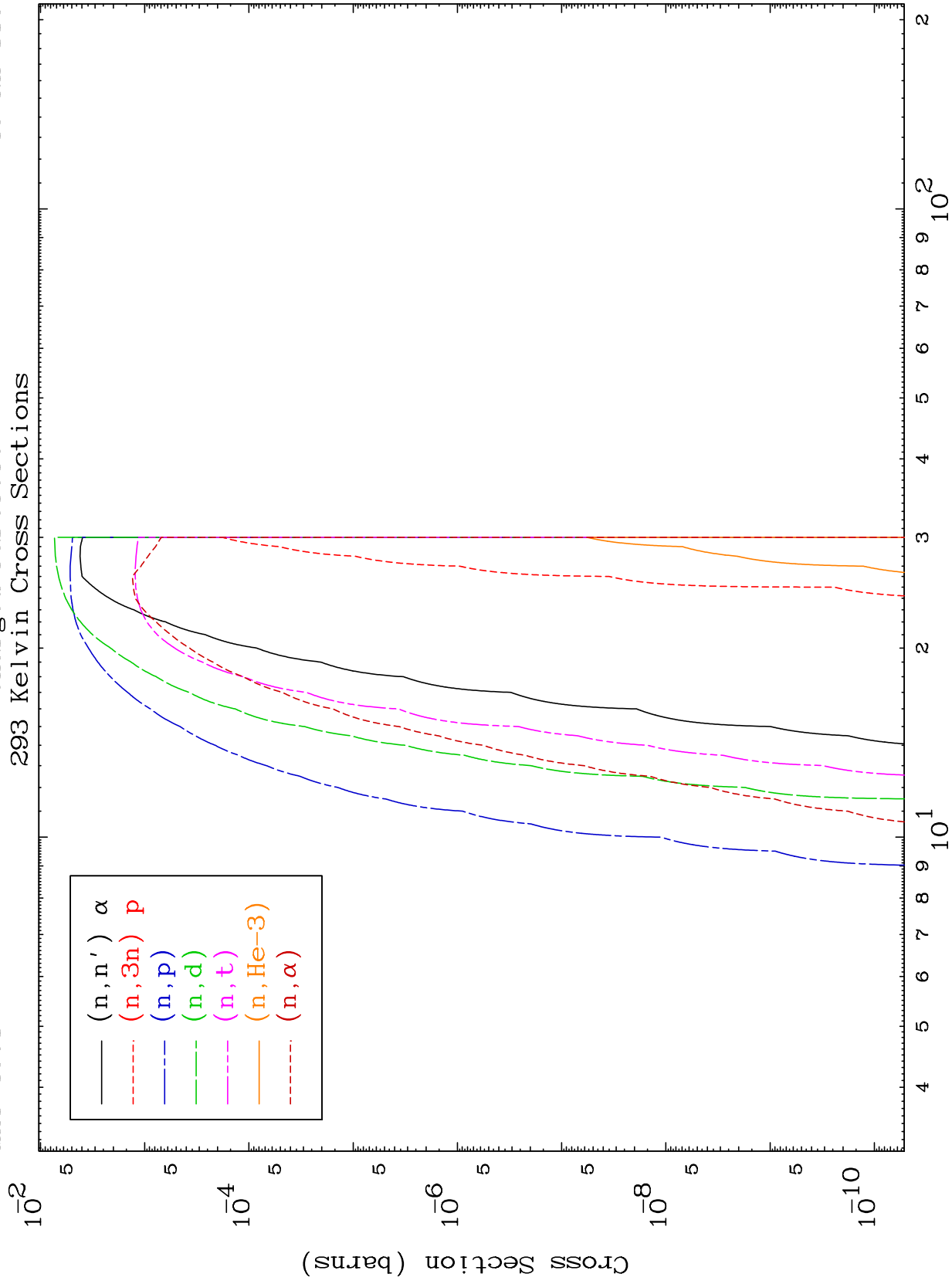


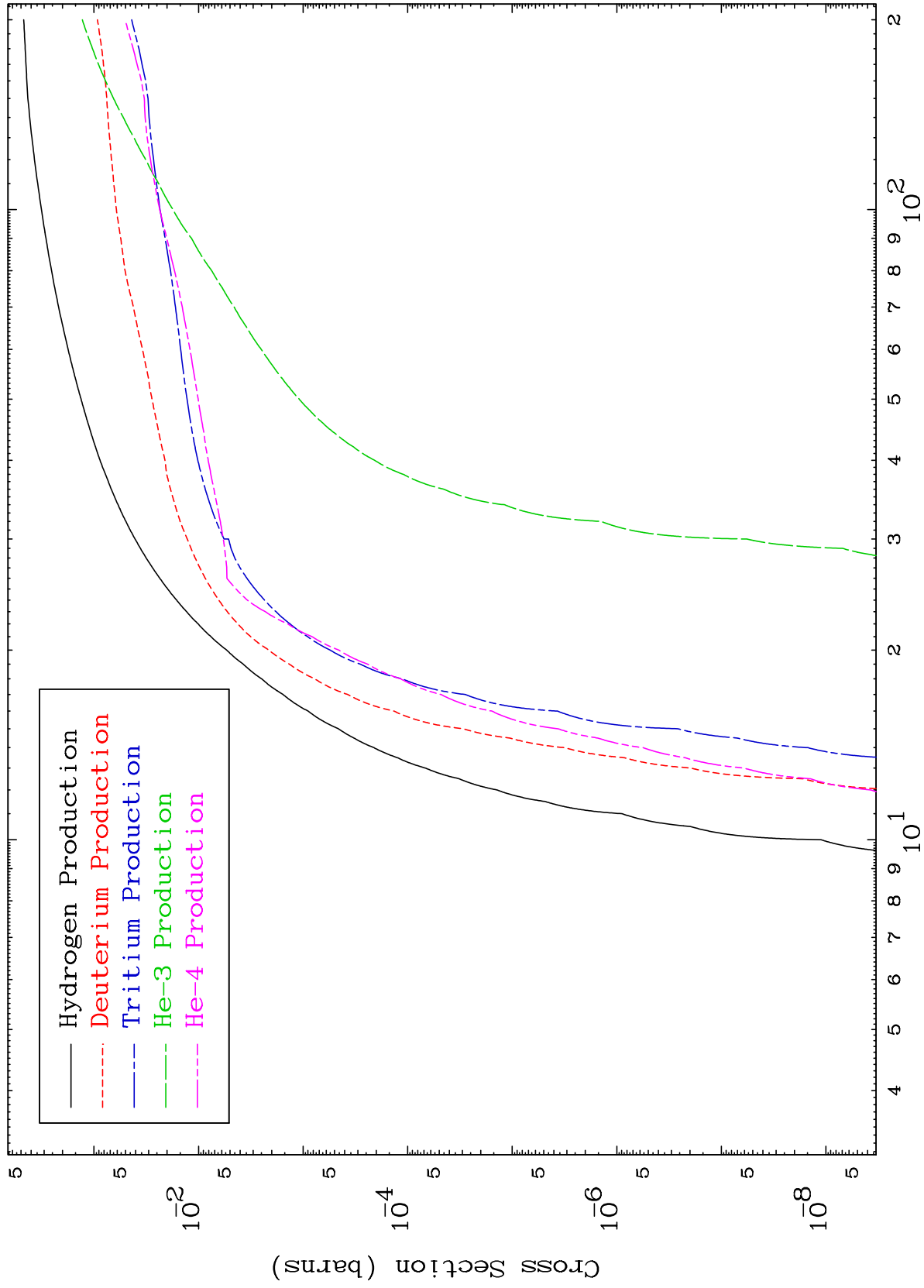


MAT 4561

Charged Particle  
293 Kelvin Cross Sections

45-Rh-115

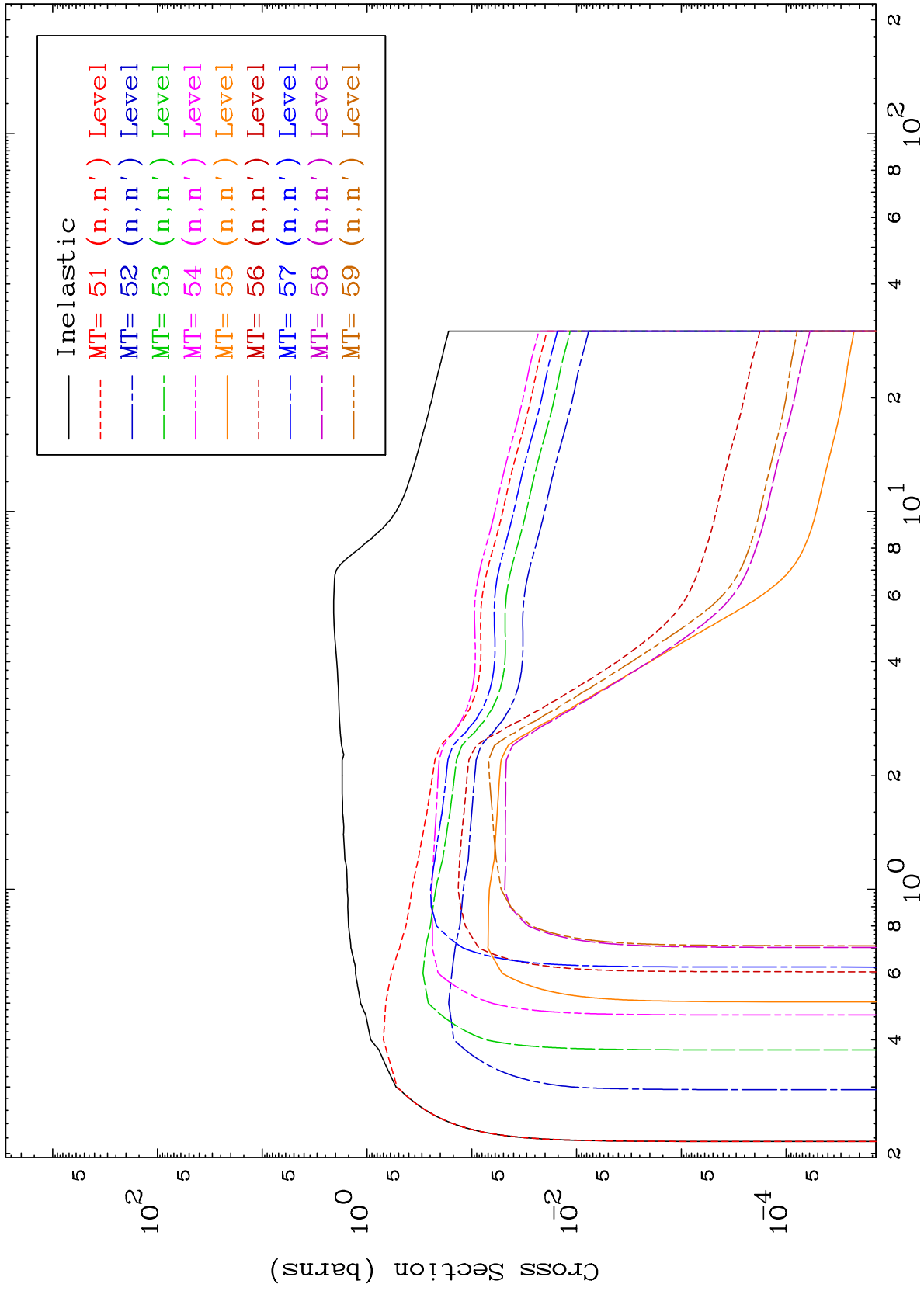




MAT 4561

(n,n') Levels  
293 Kelvin Cross Sections

45-Rh-115



8

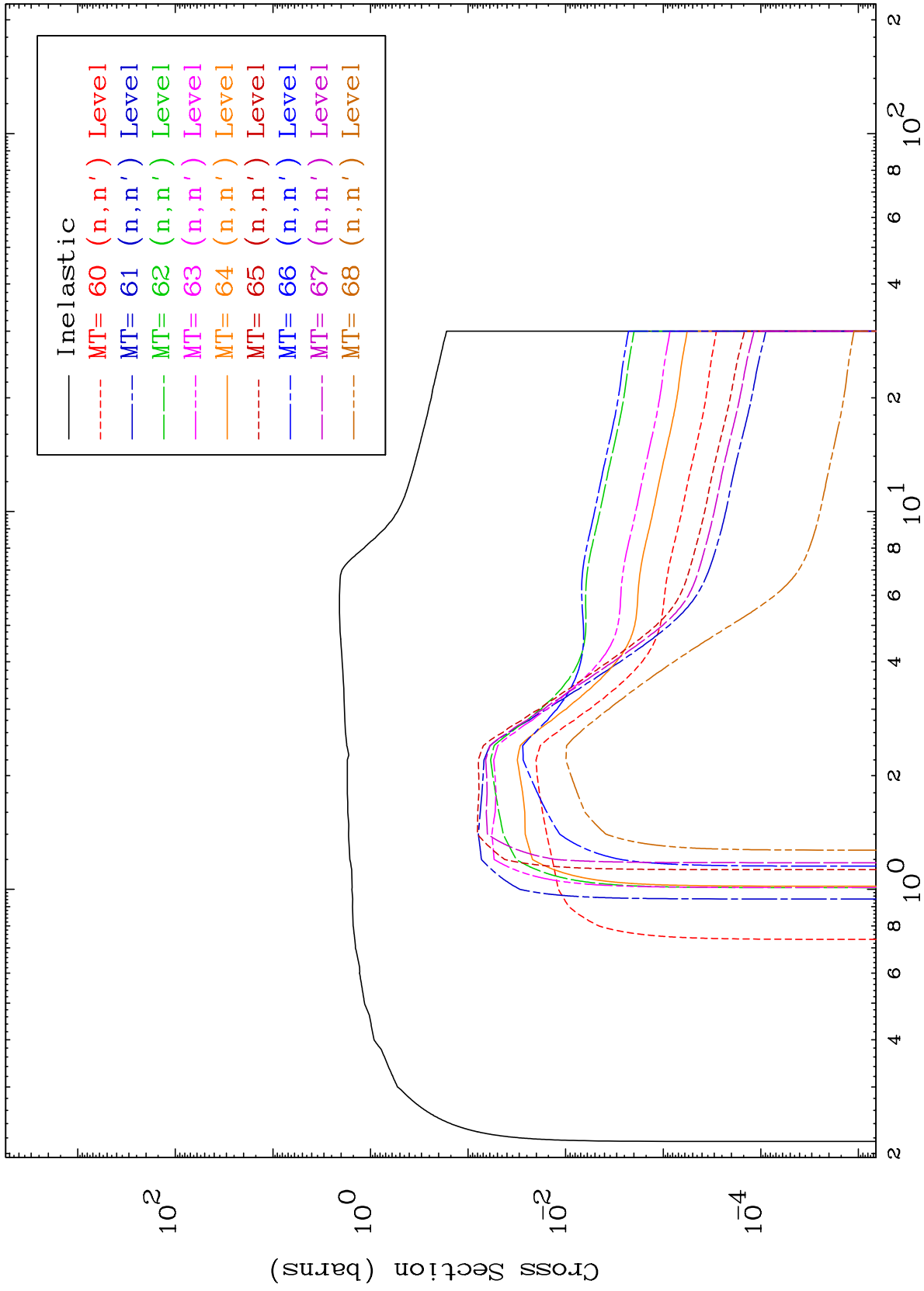
Incident Energy (MeV)

45-Rh-115

MAT 4561

(n,n') Levels  
293 Kelvin Cross Sections

45-Rh-115



9

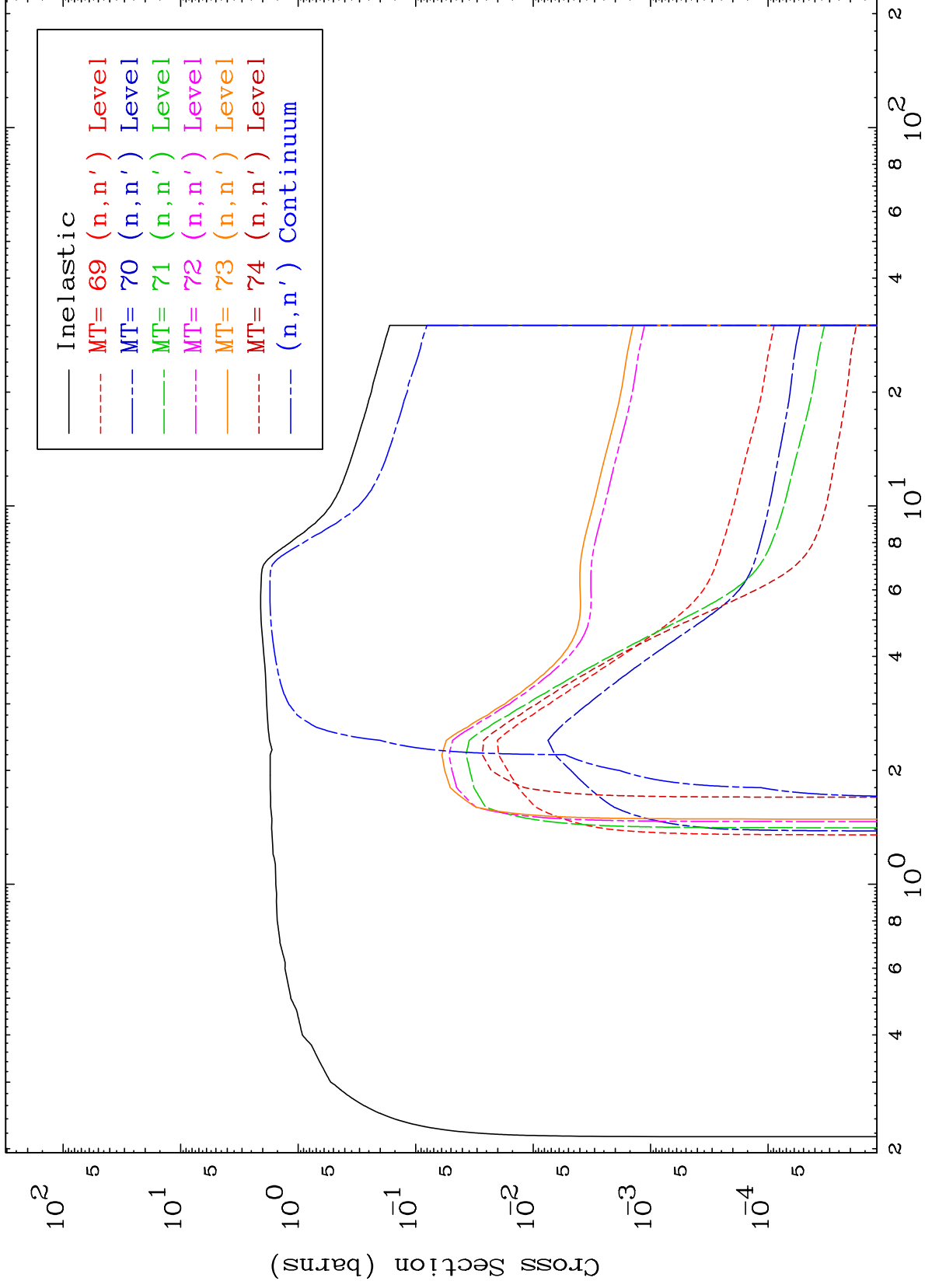
Incident Energy (MeV)

45-Rh-115

MAT 4561

(n,n') Levels  
293 Kelvin Cross Sections

45-Rh-115



10

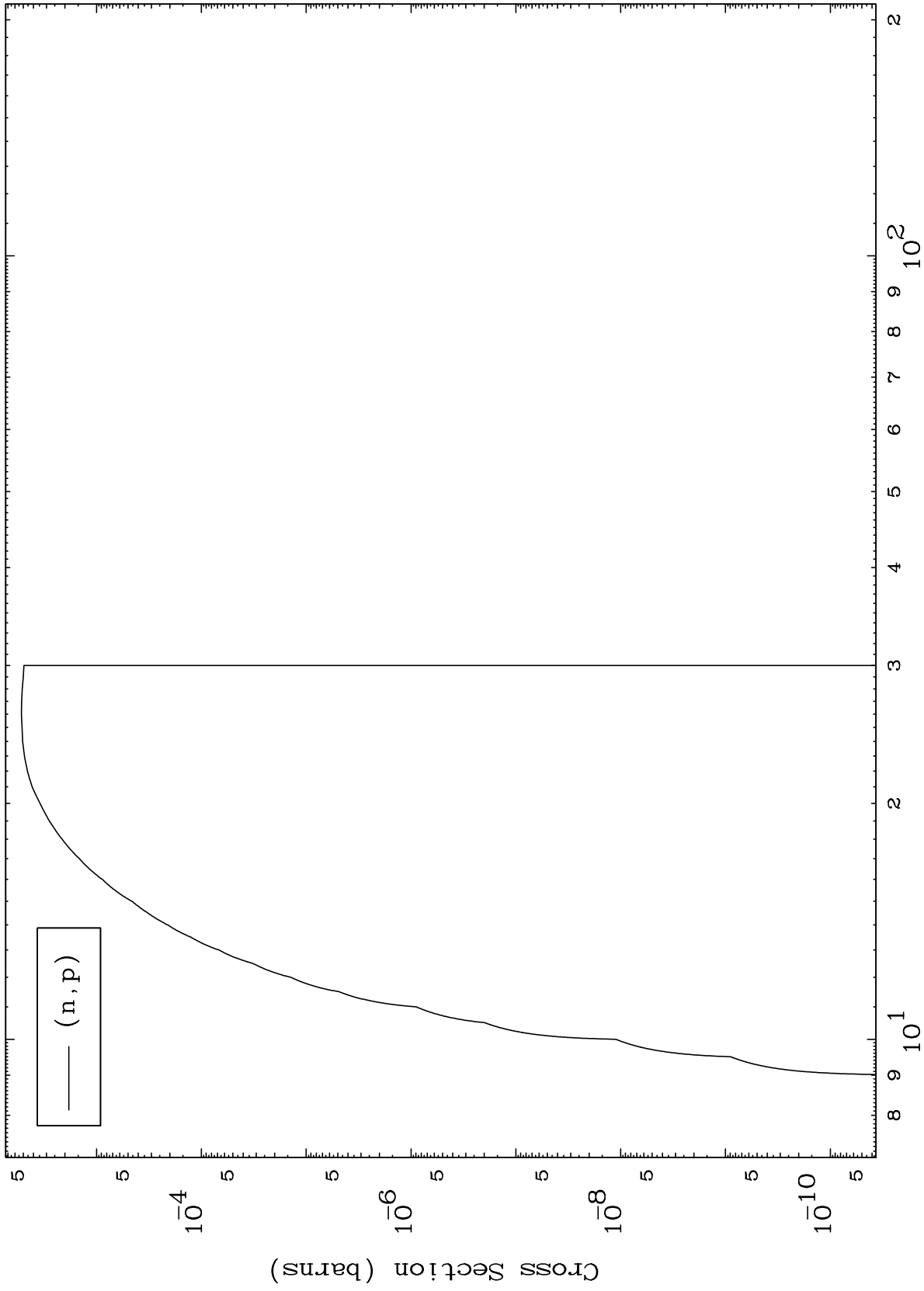
Incident Energy (MeV)

45-Rh-115

MAT 4561

(n,p) Levels  
293 Kelvin Cross Sections

45-Rh-115



11

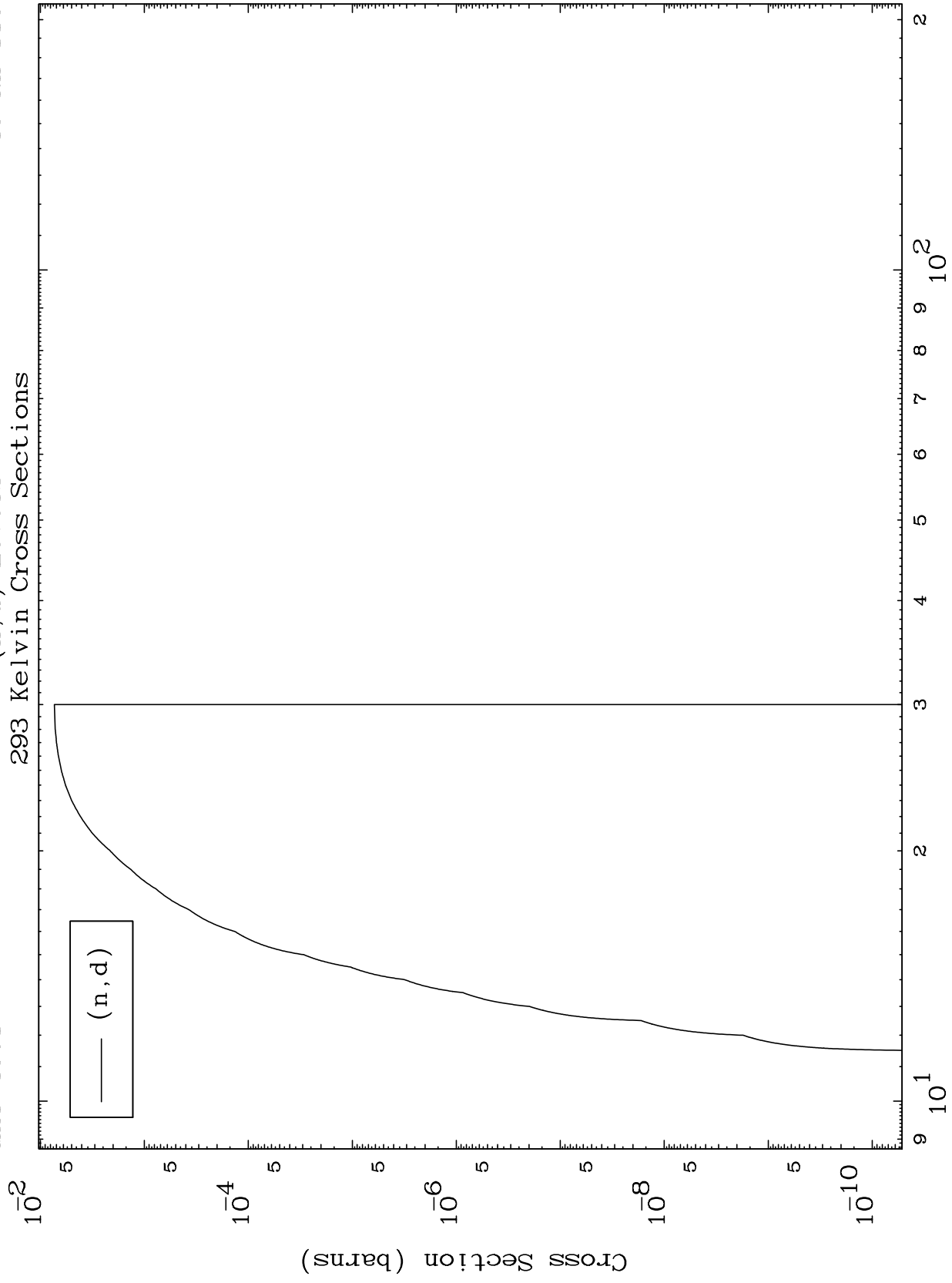
Incident Energy (MeV)

45-Rh-115

MAT 4561

(n,d) Levels  
293 Kelvin Cross Sections

45-Rh-115



12

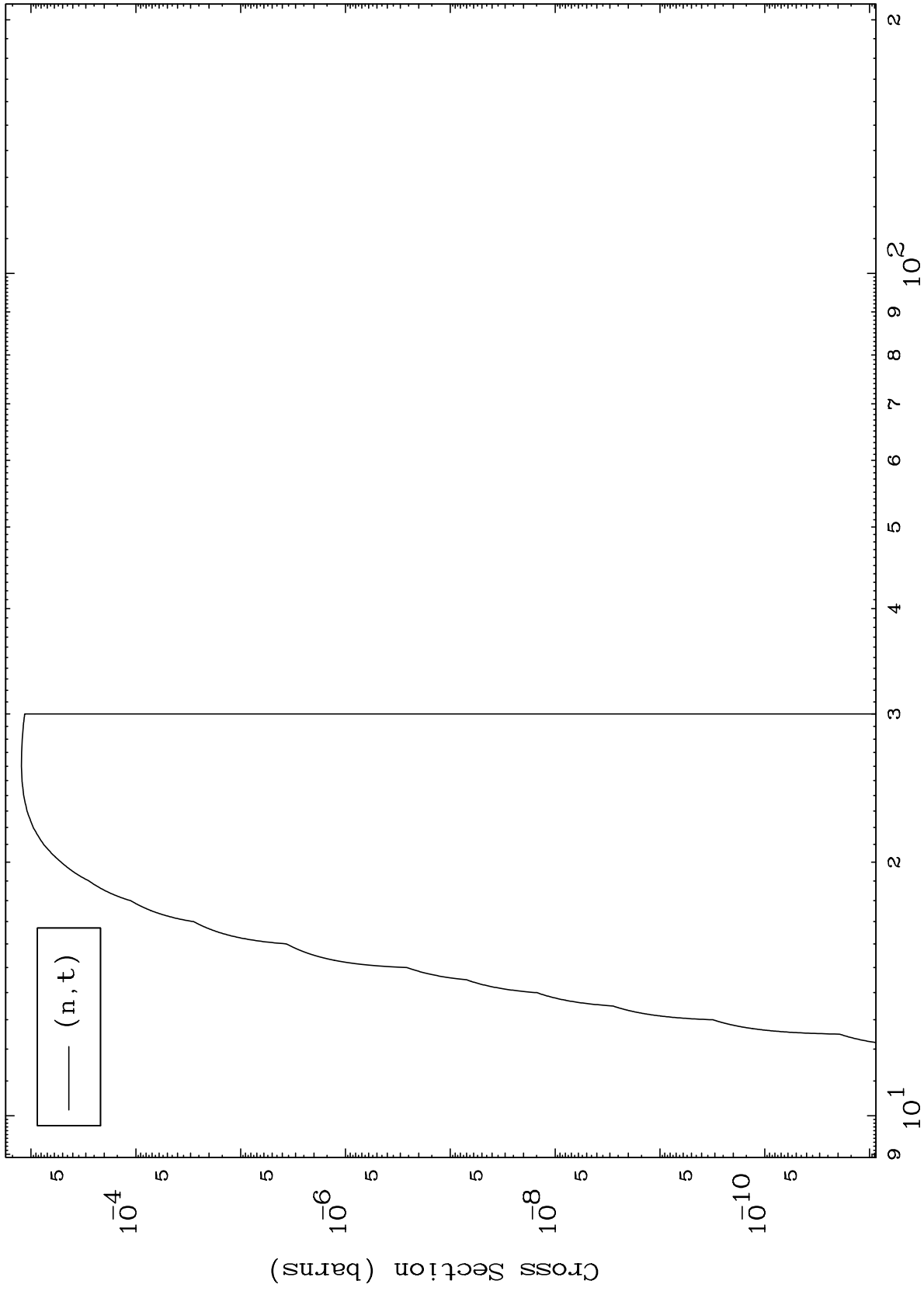
Incident Energy (MeV)

45-Rh-115

MAT 4561

(n,t) Levels  
293 Kelvin Cross Sections

45-Rh-115



13

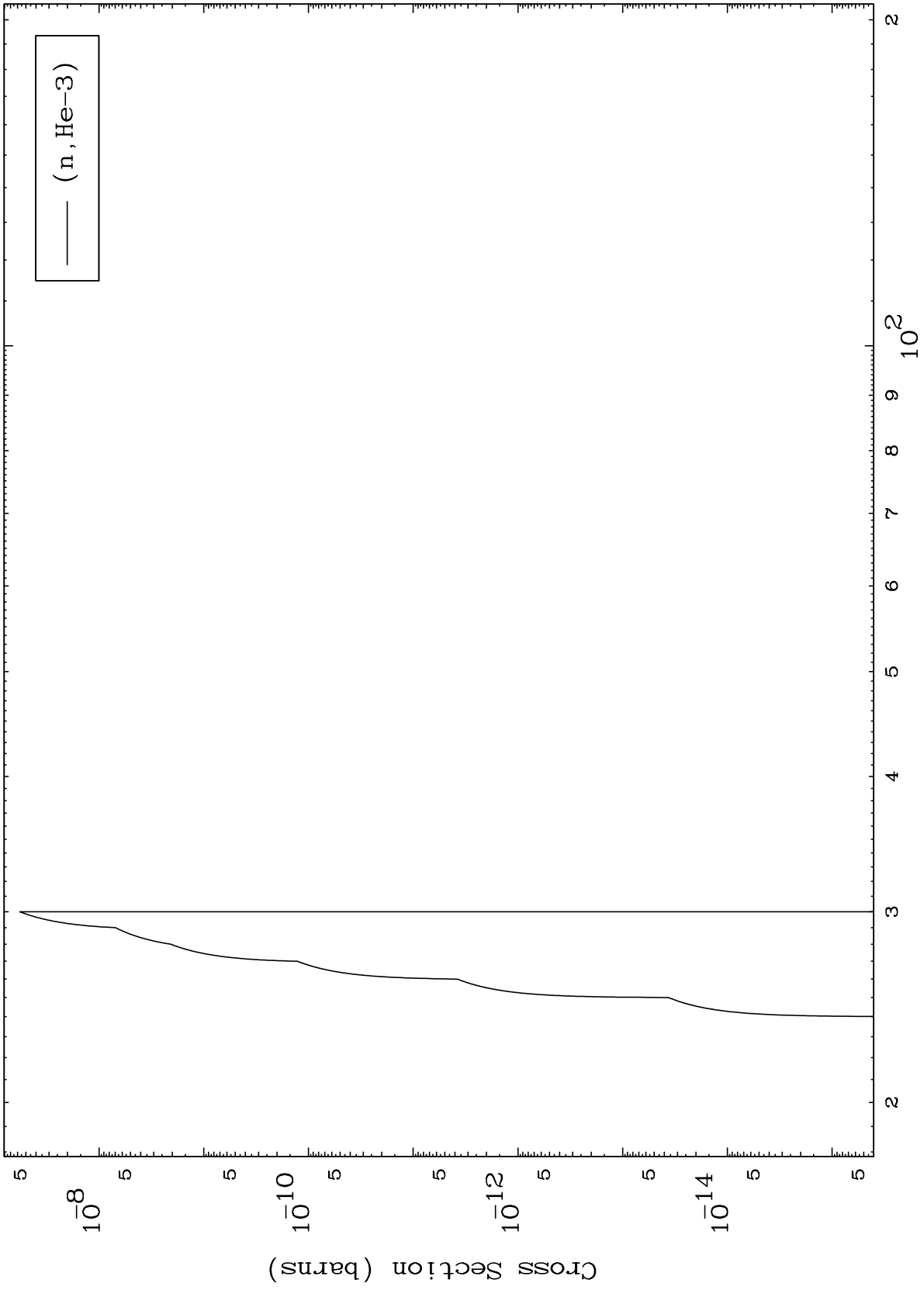
Incident Energy (MeV)

45-Rh-115

MAT 4561

(n,He3) Levels  
293 Kelvin Cross Sections

45-Rh-115



14

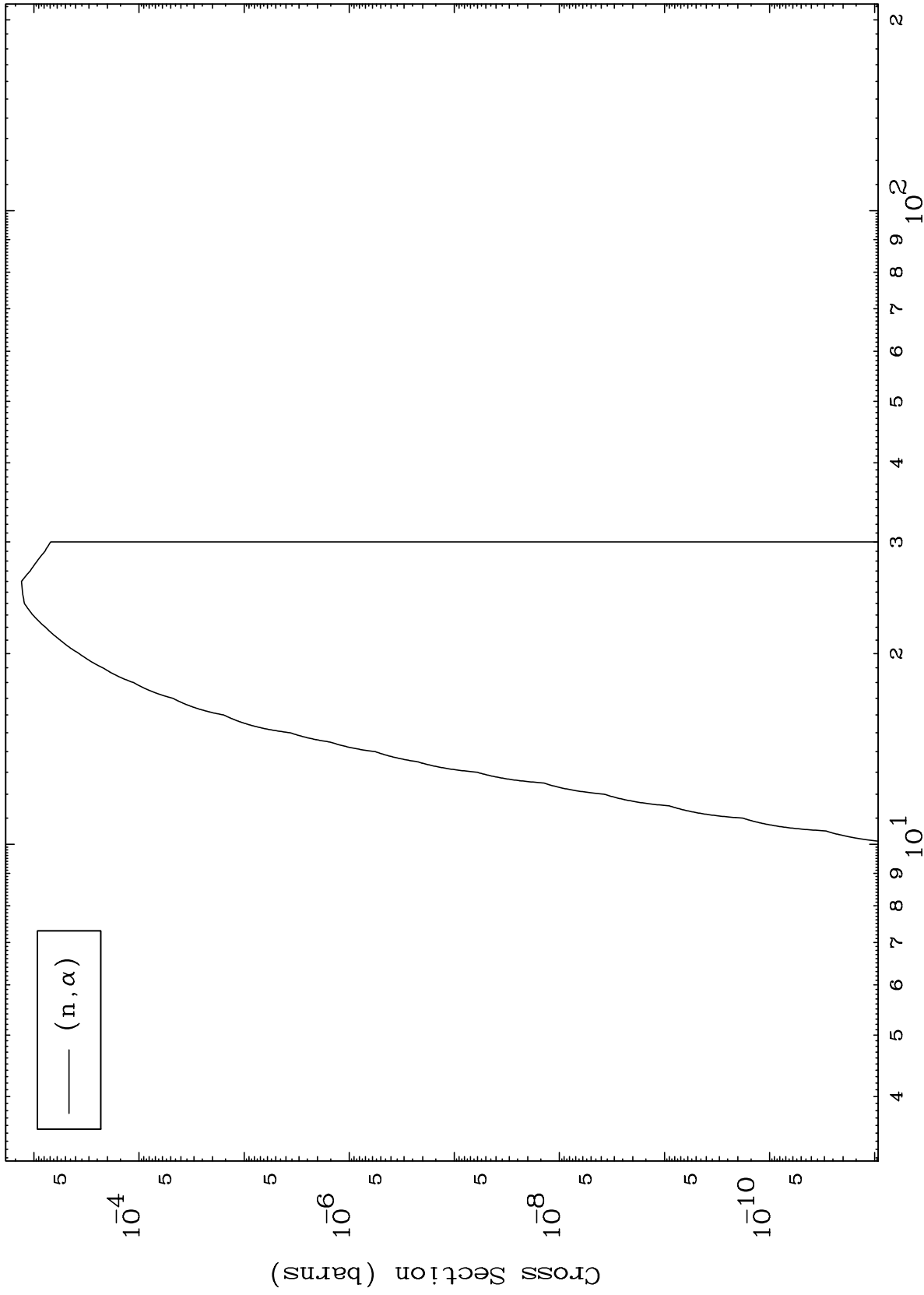
Incident Energy (MeV)

45-Rh-115

MAT 4561

(n,α) Levels  
293 Kelvin Cross Sections

45-Rh-115



15

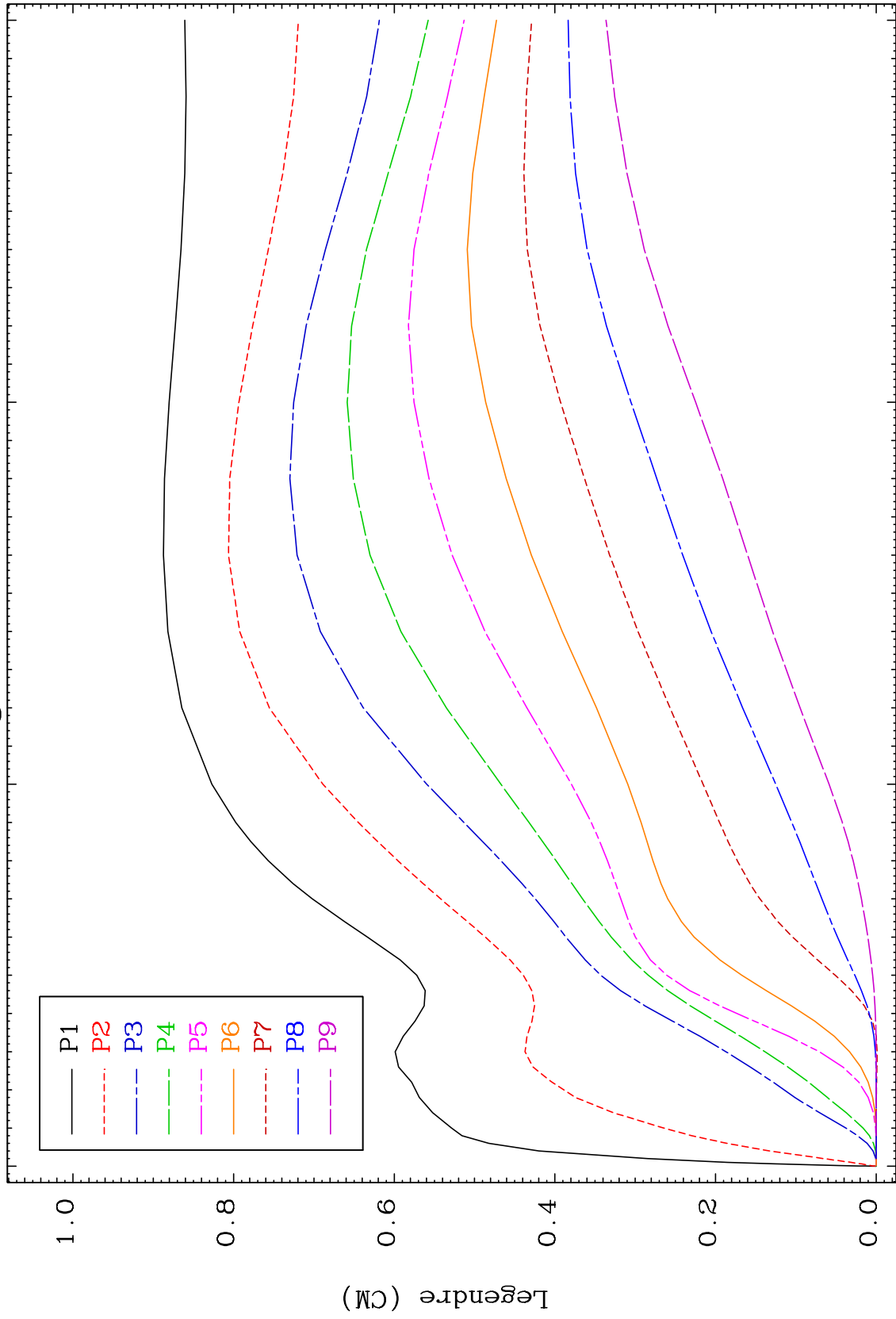
Incident Energy (MeV)

45-Rh-115

MAT 4561

Elastic Legendre Coefficients

45-Rh-115



16

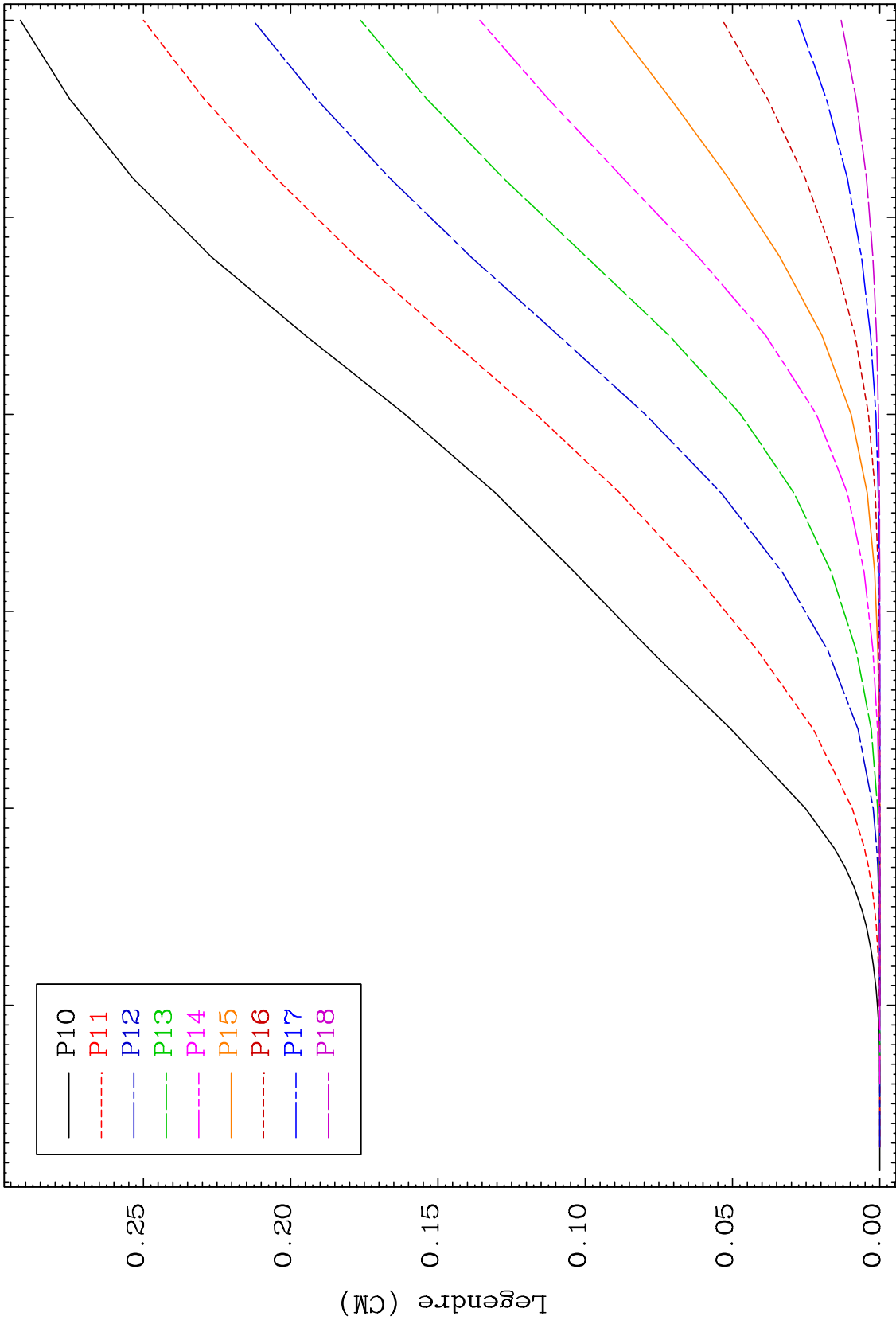
Incident Energy (MeV)

45-Rh-115

MAT 4561

Elastic Legendre Coefficients

45-Rh-115



17

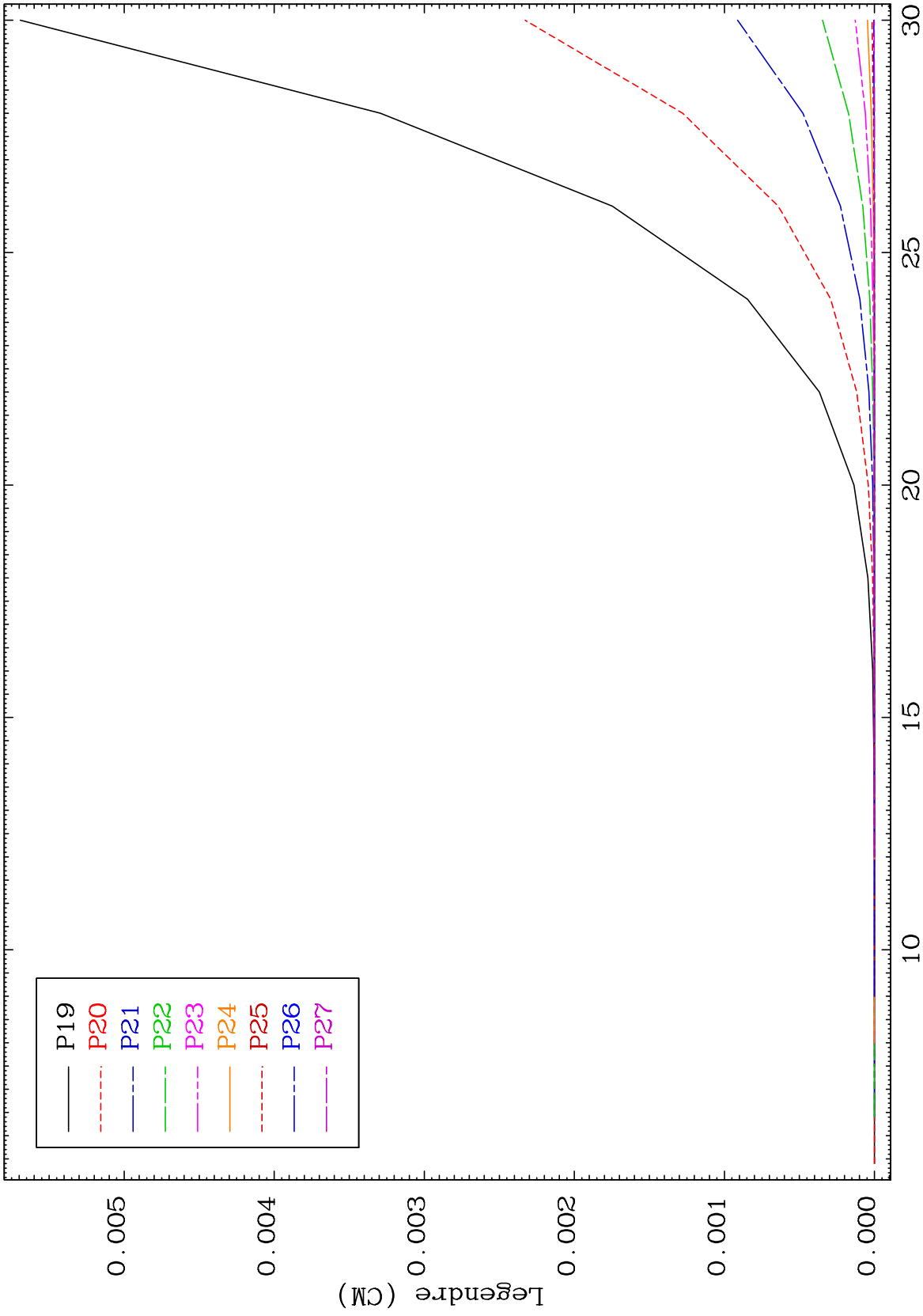
Incident Energy (MeV)

45-Rh-115

MAT 4561

Elastic  
Legendre Coefficients

45-Rh-115



18

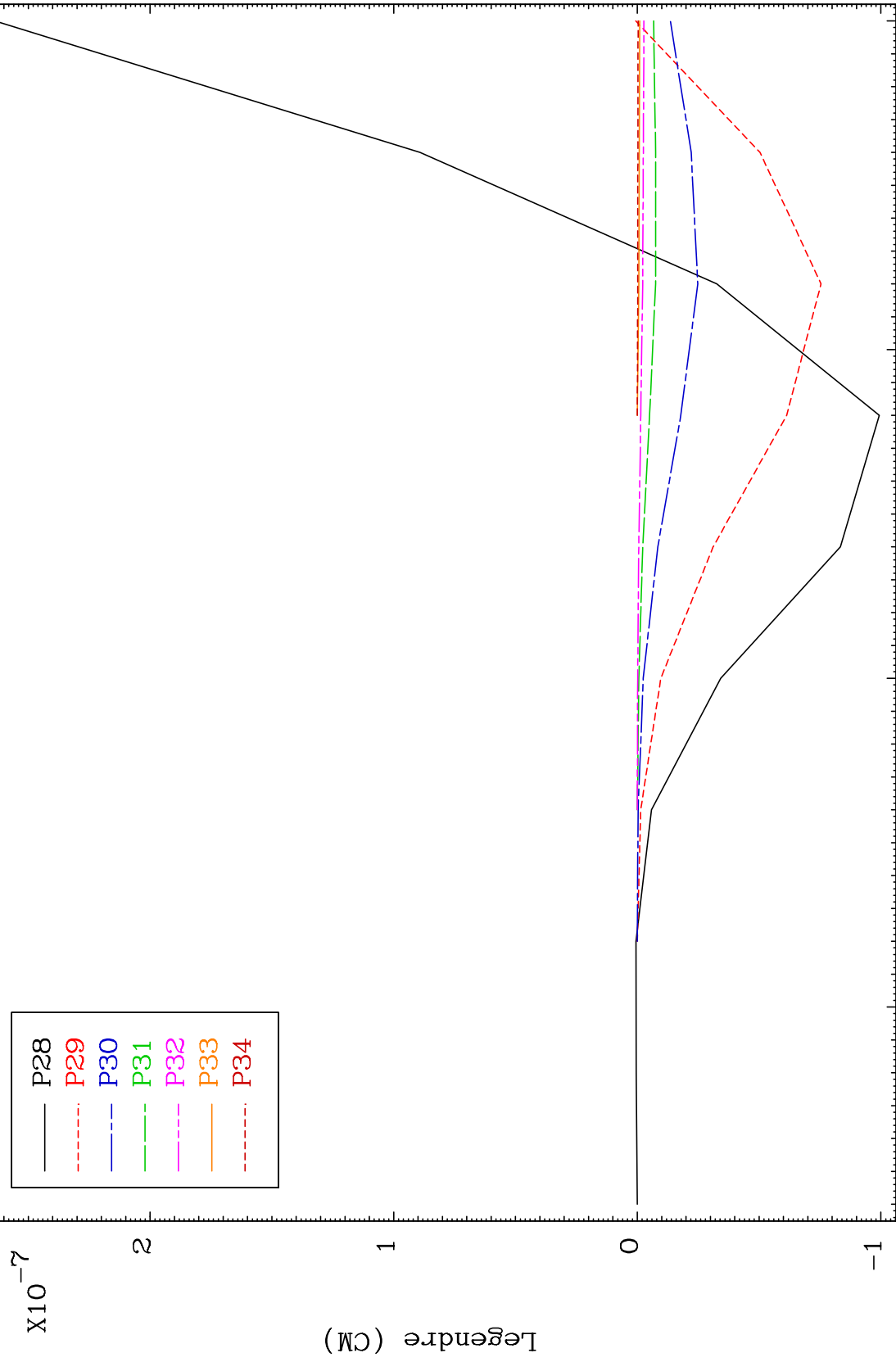
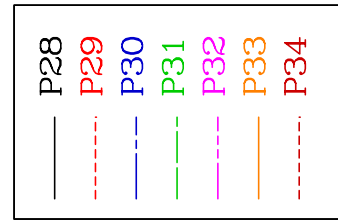
Incident Energy (MeV)

45-Rh-115

MAT 4561

Elastic Legendre Coefficients

45-Rh-115

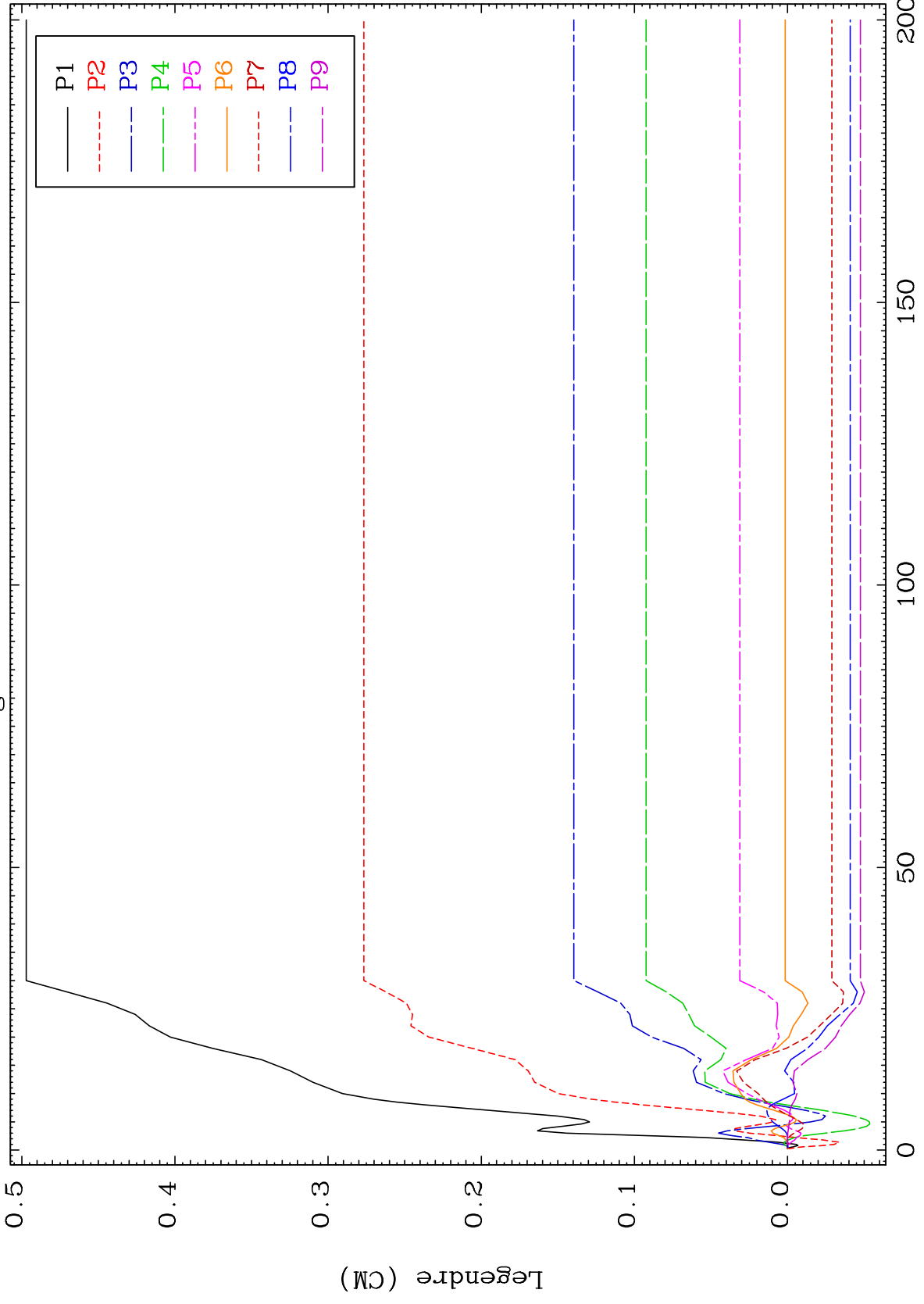


19

Incident Energy (MeV)

45-Rh-115

MAT 4561 MT= 51 (n,n') Level Legendre Coefficients 45-Rh-115

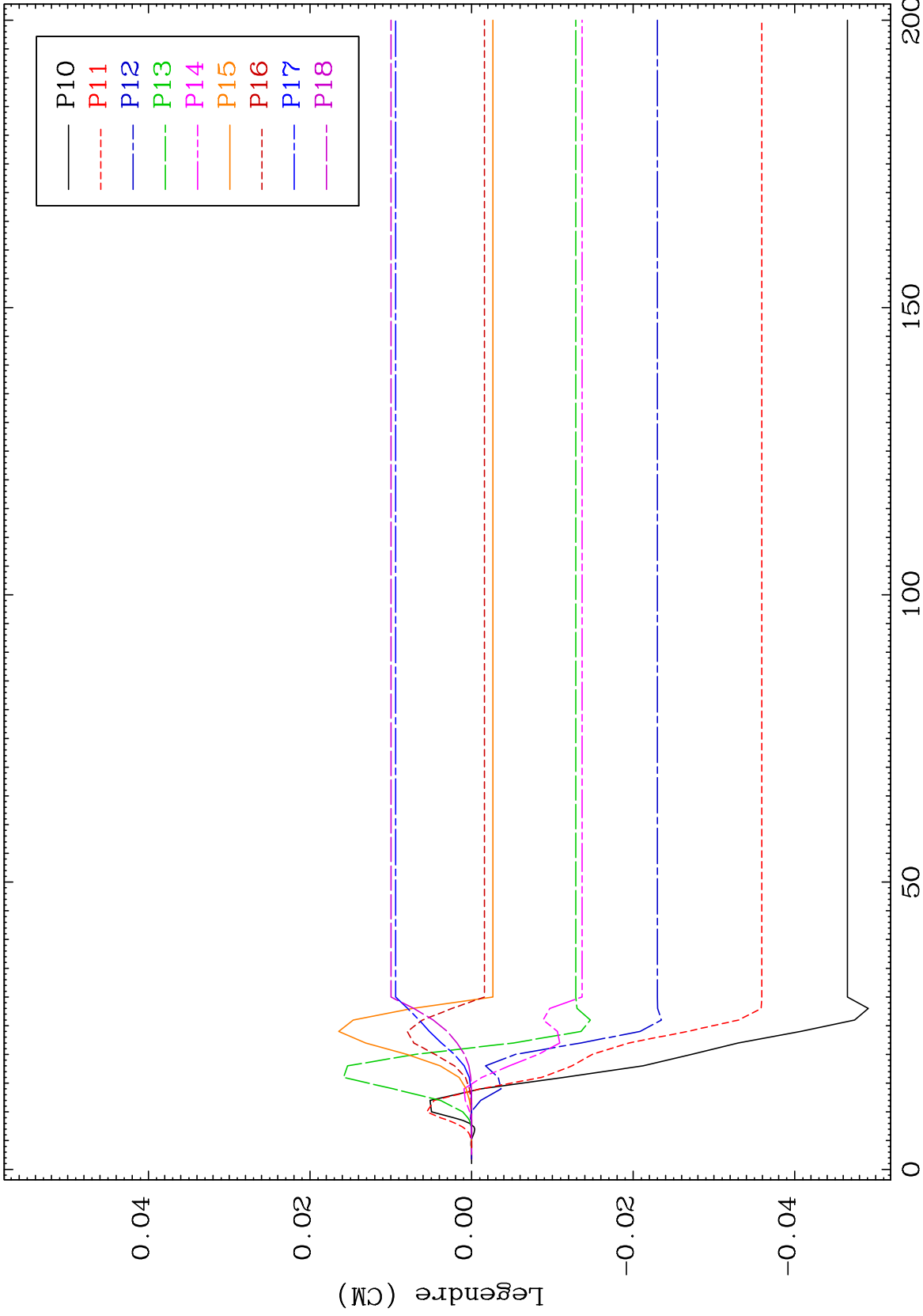


45-Rh-115

MAT 4561

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

45-Rh-115



21

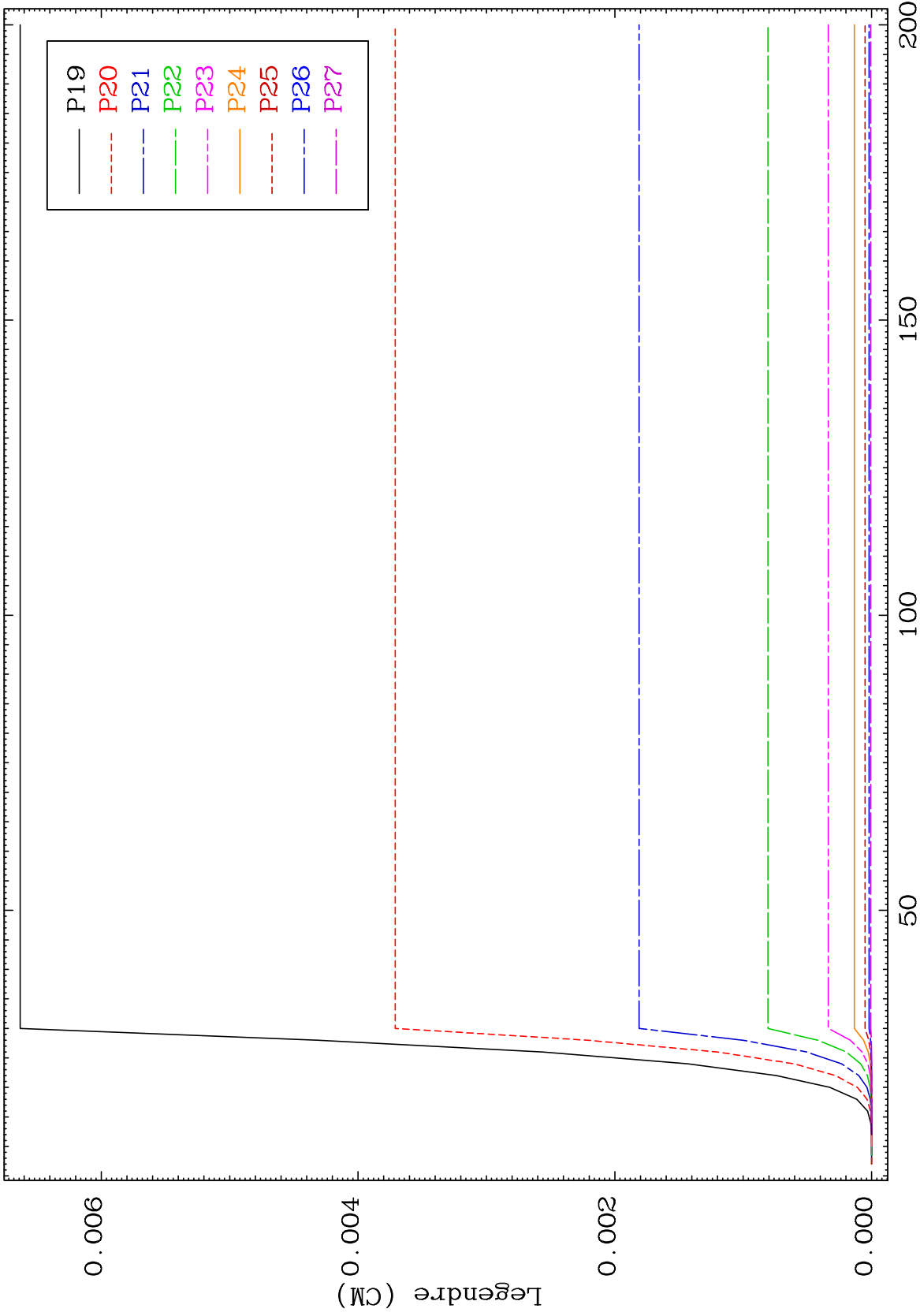
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



22

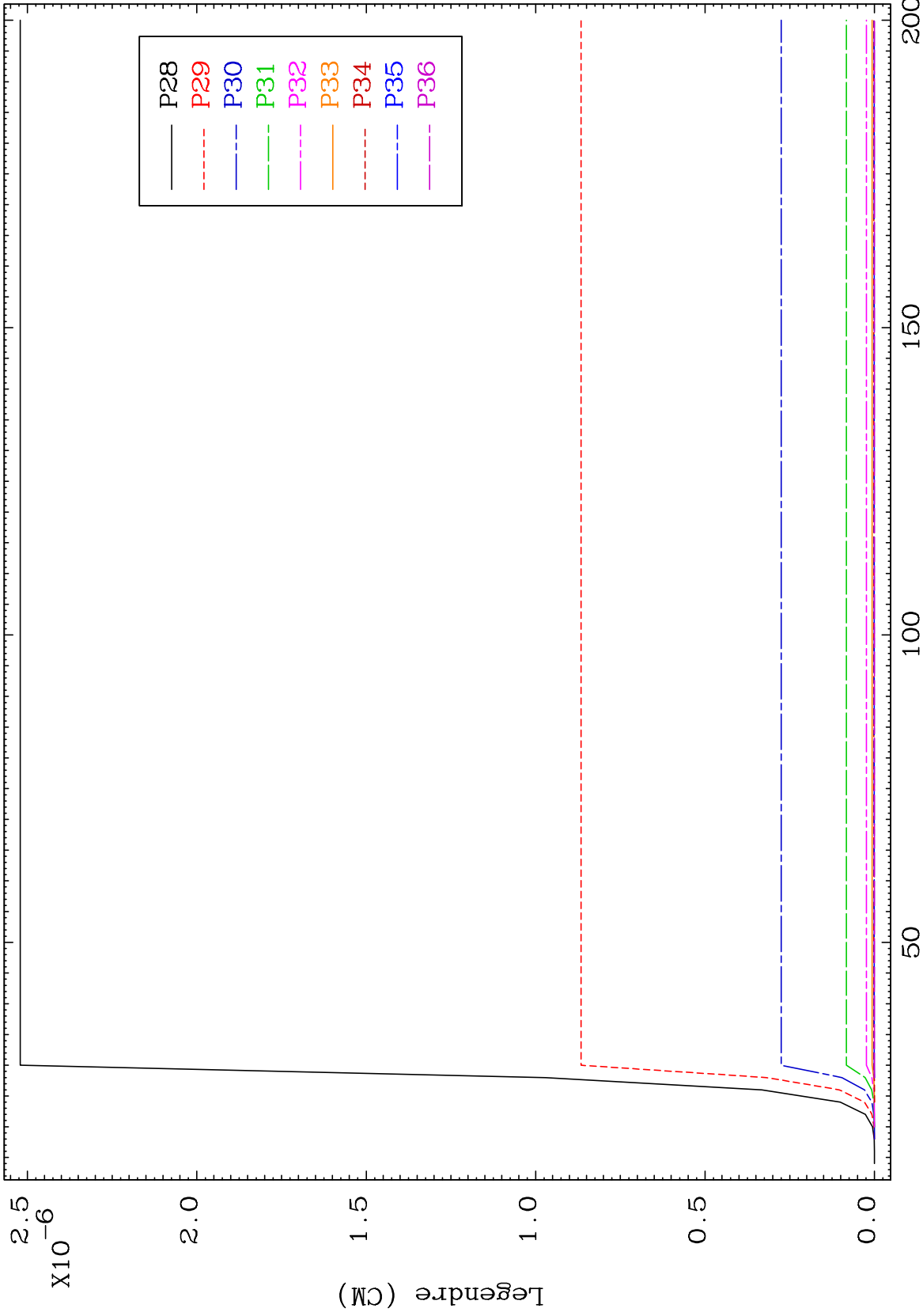
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115

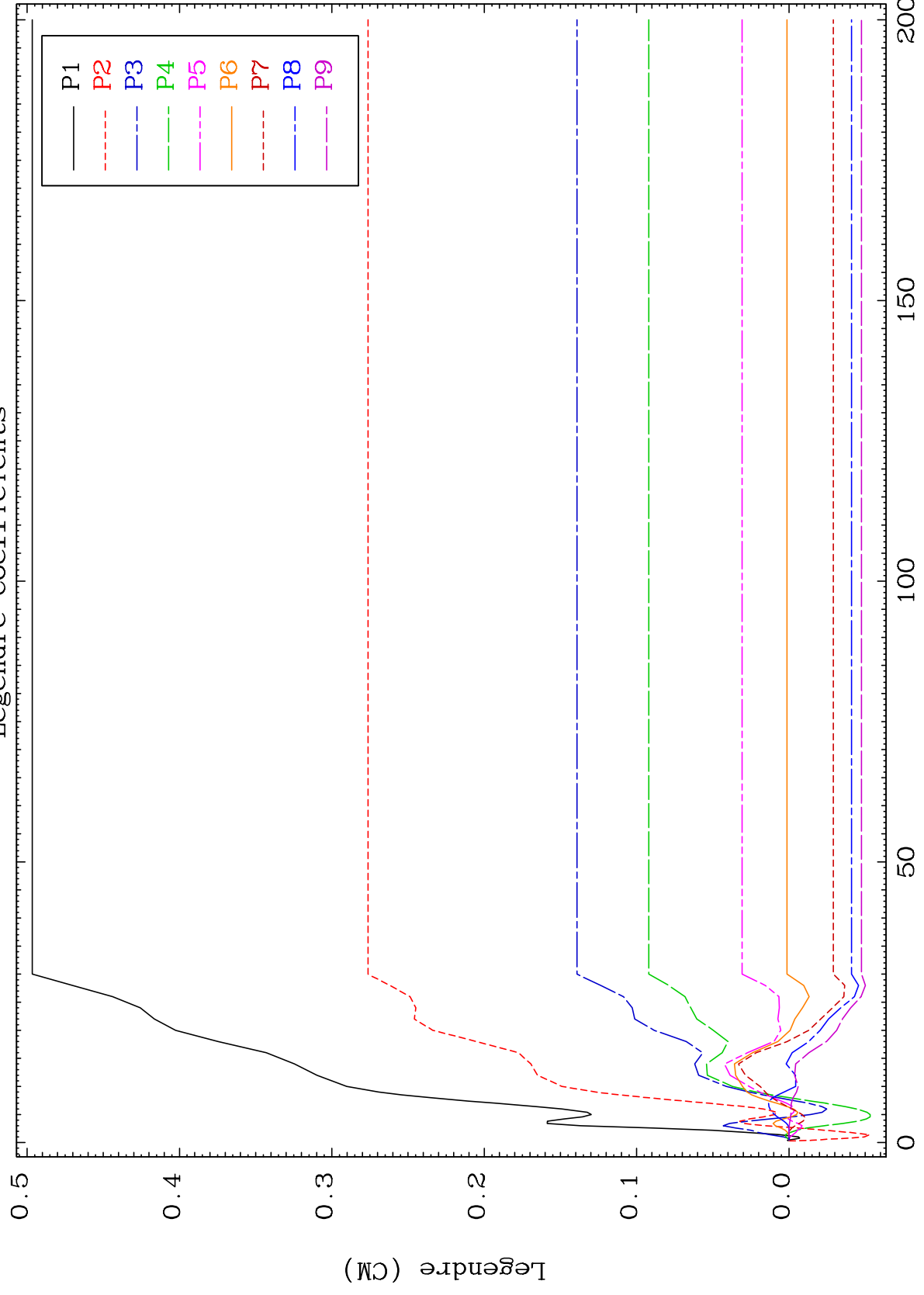


23

Incident Energy (MeV)

45-Rh-115

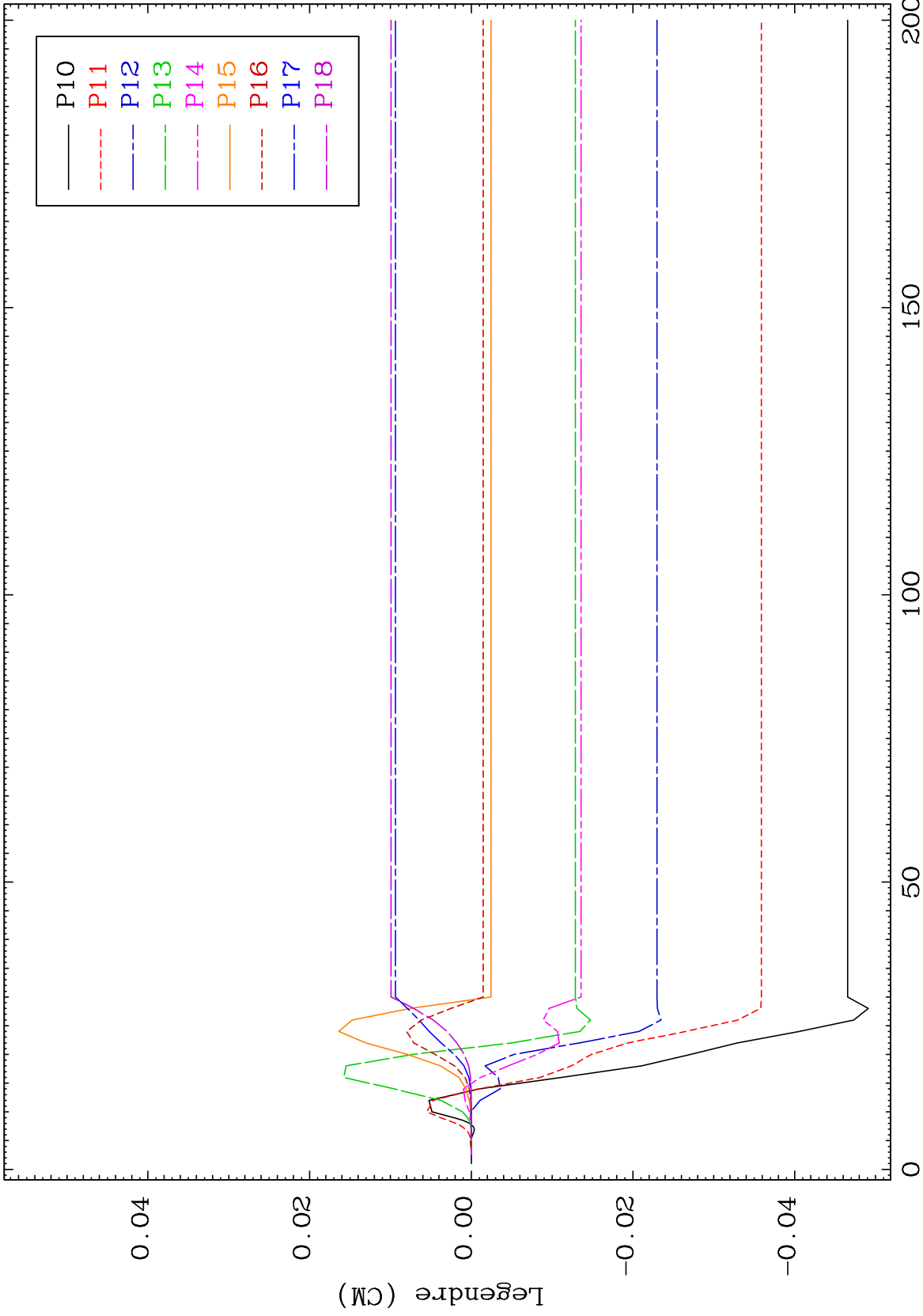
MAT 4561 MT= 52 (n,n') Level Legendre Coefficients 45-Rh-115



MAT 4561

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

45-Rh-115



25

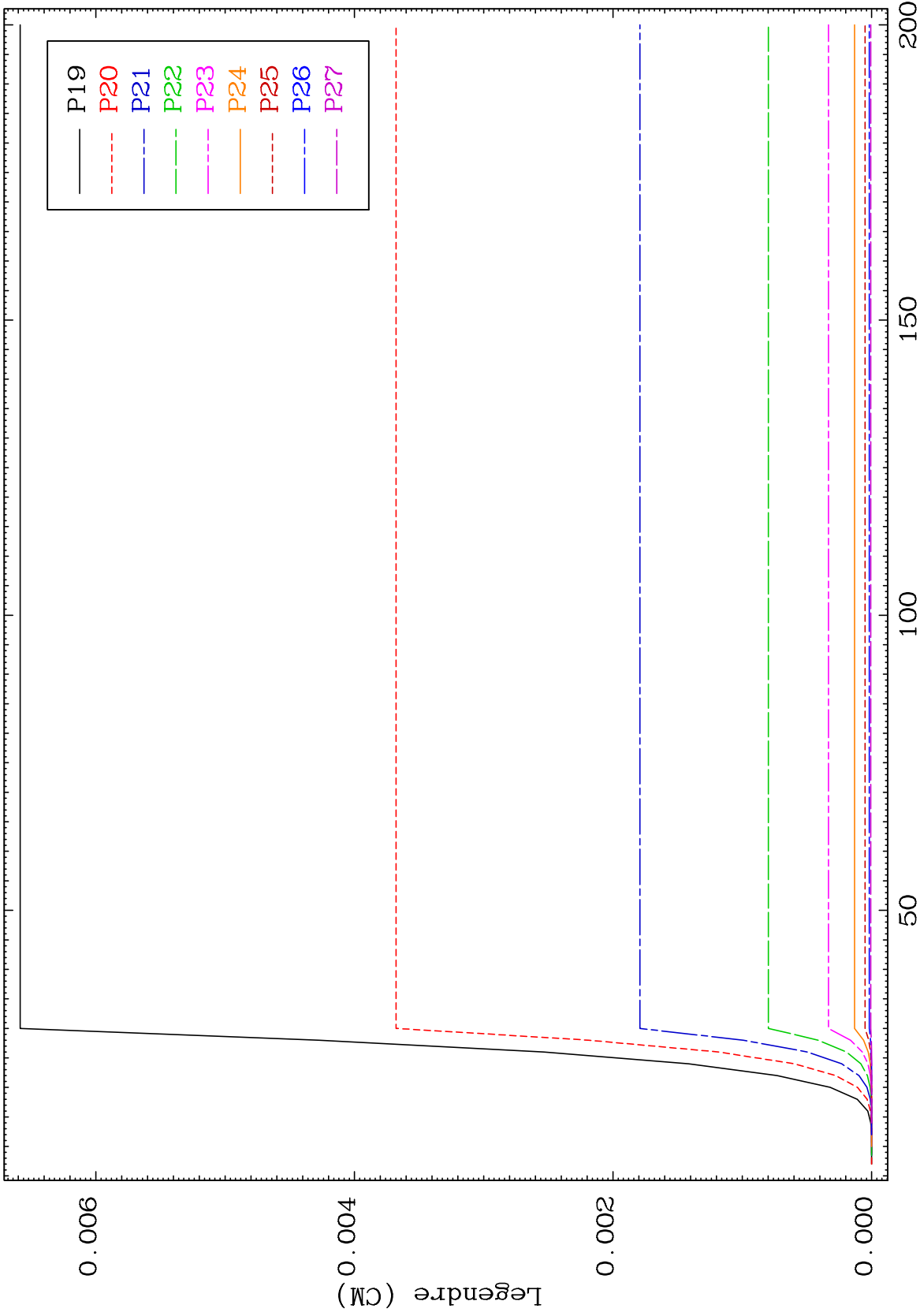
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



26

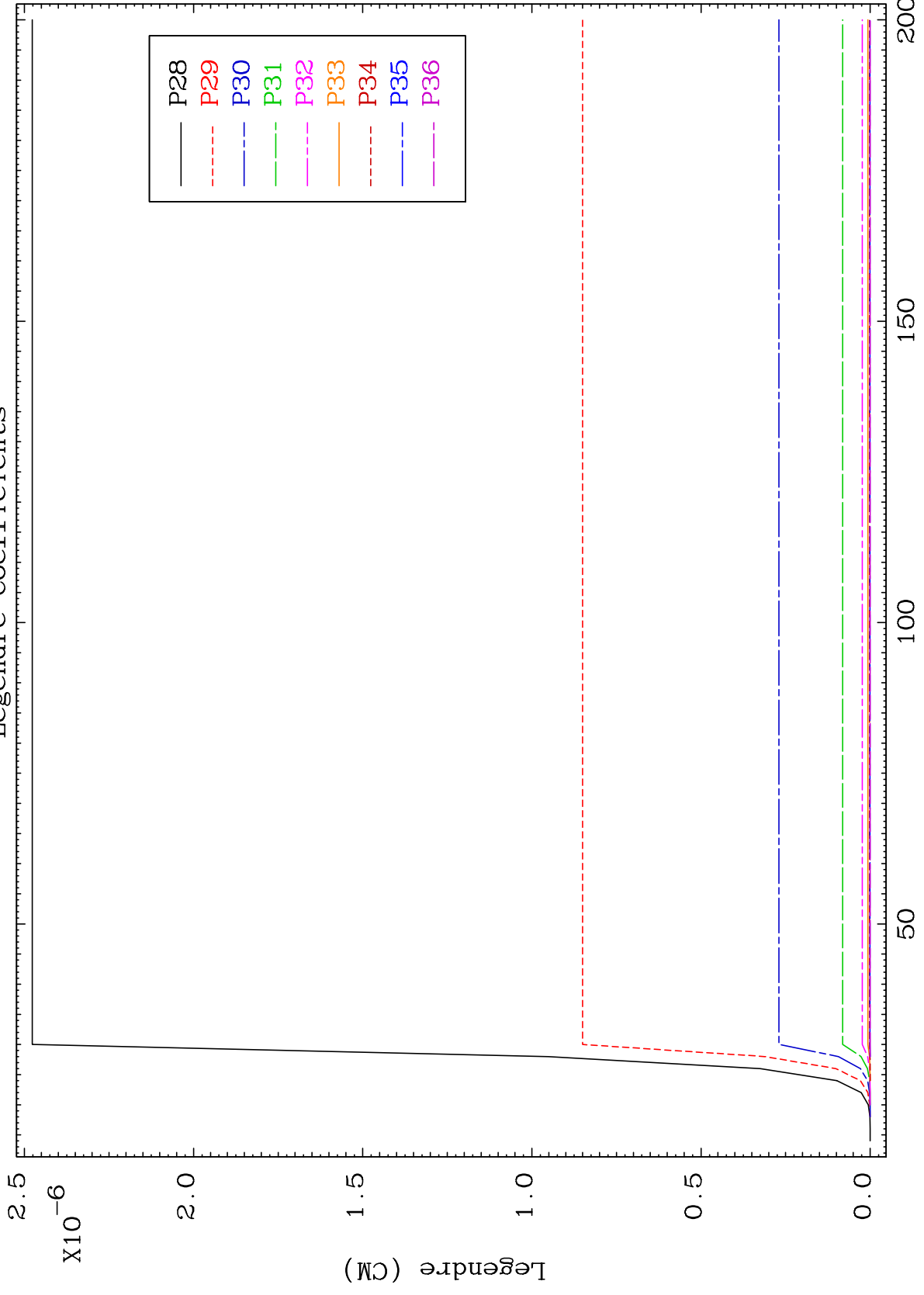
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



45-Rh-115

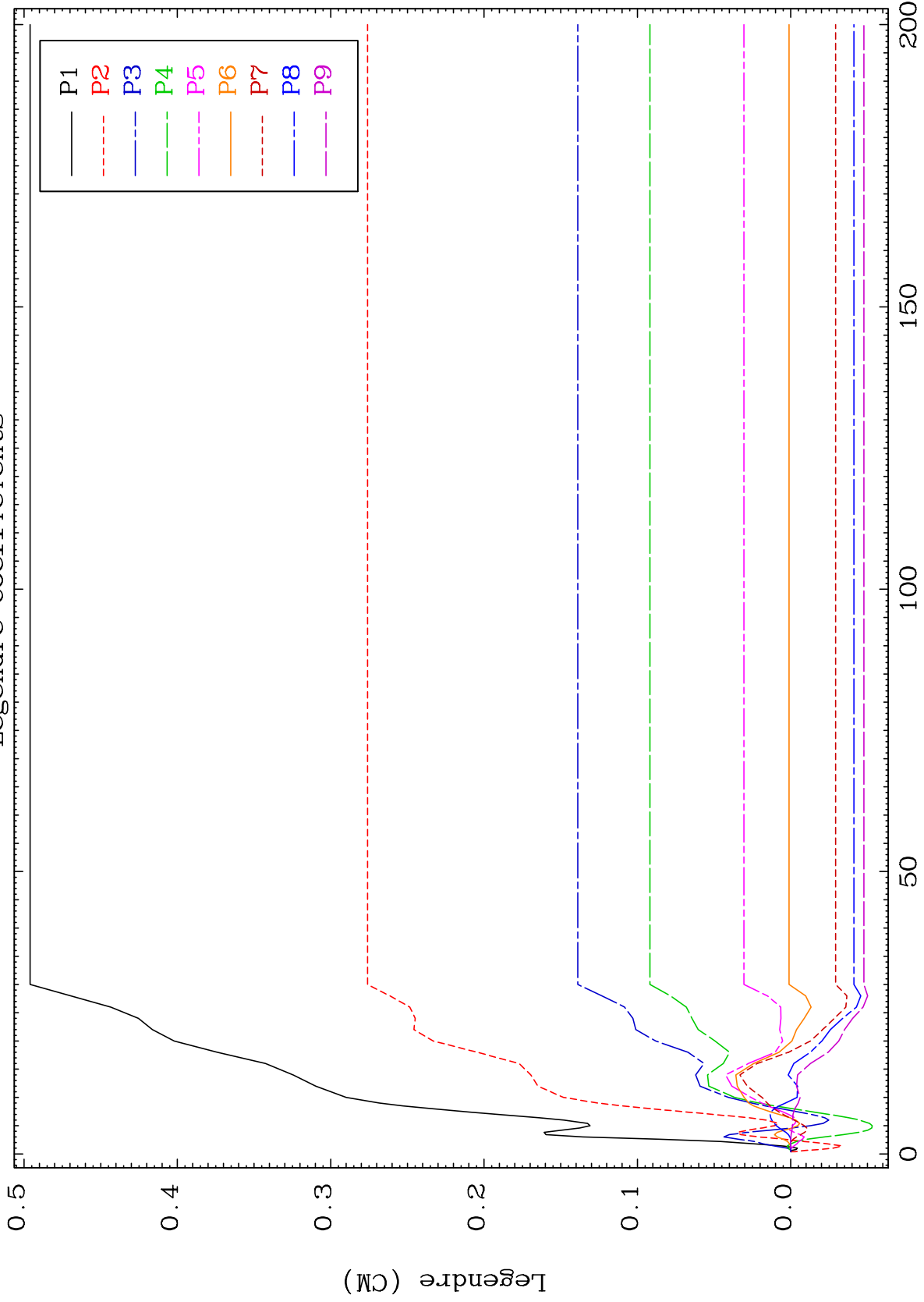
Incident Energy (MeV)

27

MAT 4561

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

45-Rh-115



28

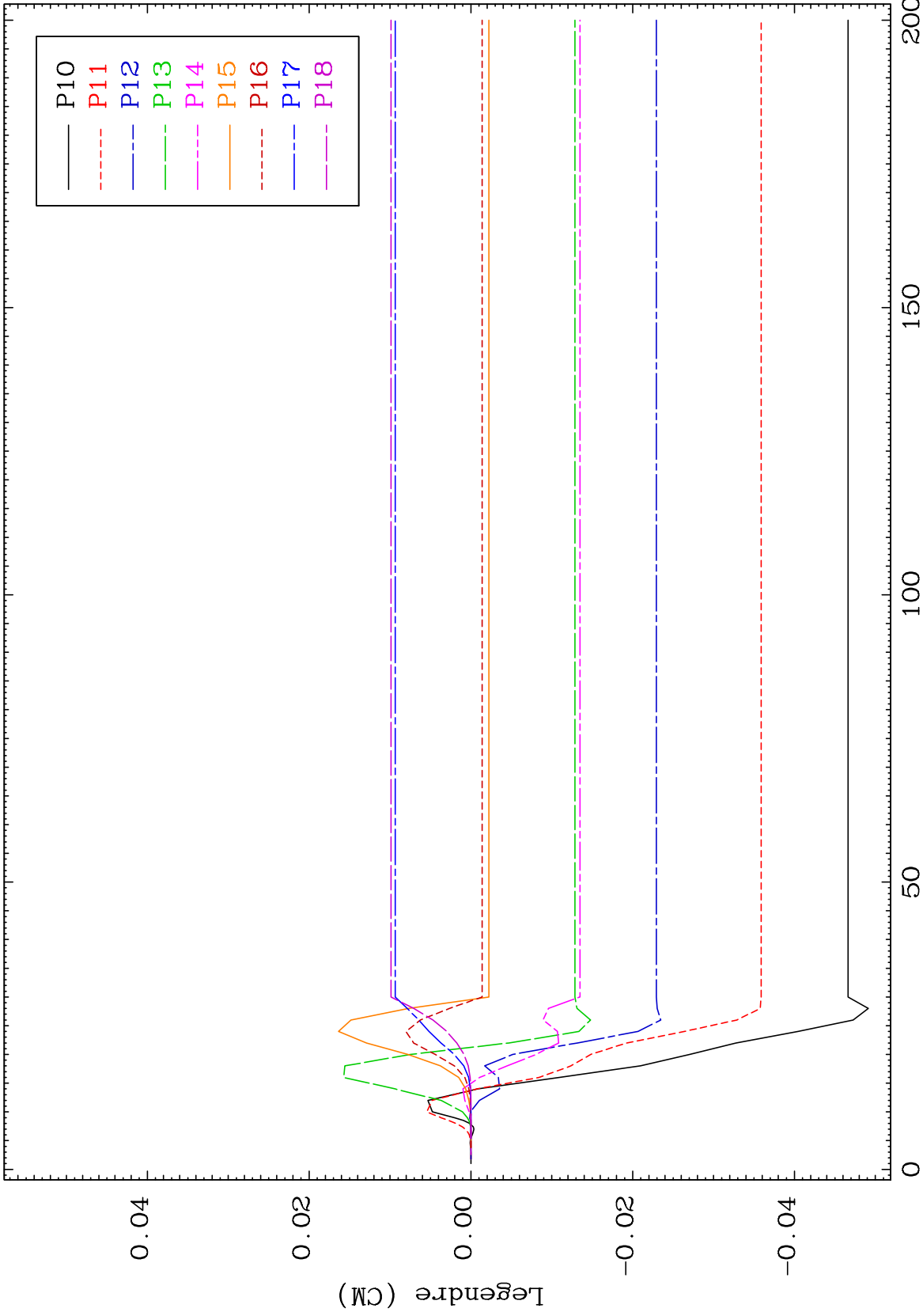
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



29

Incident Energy (MeV)

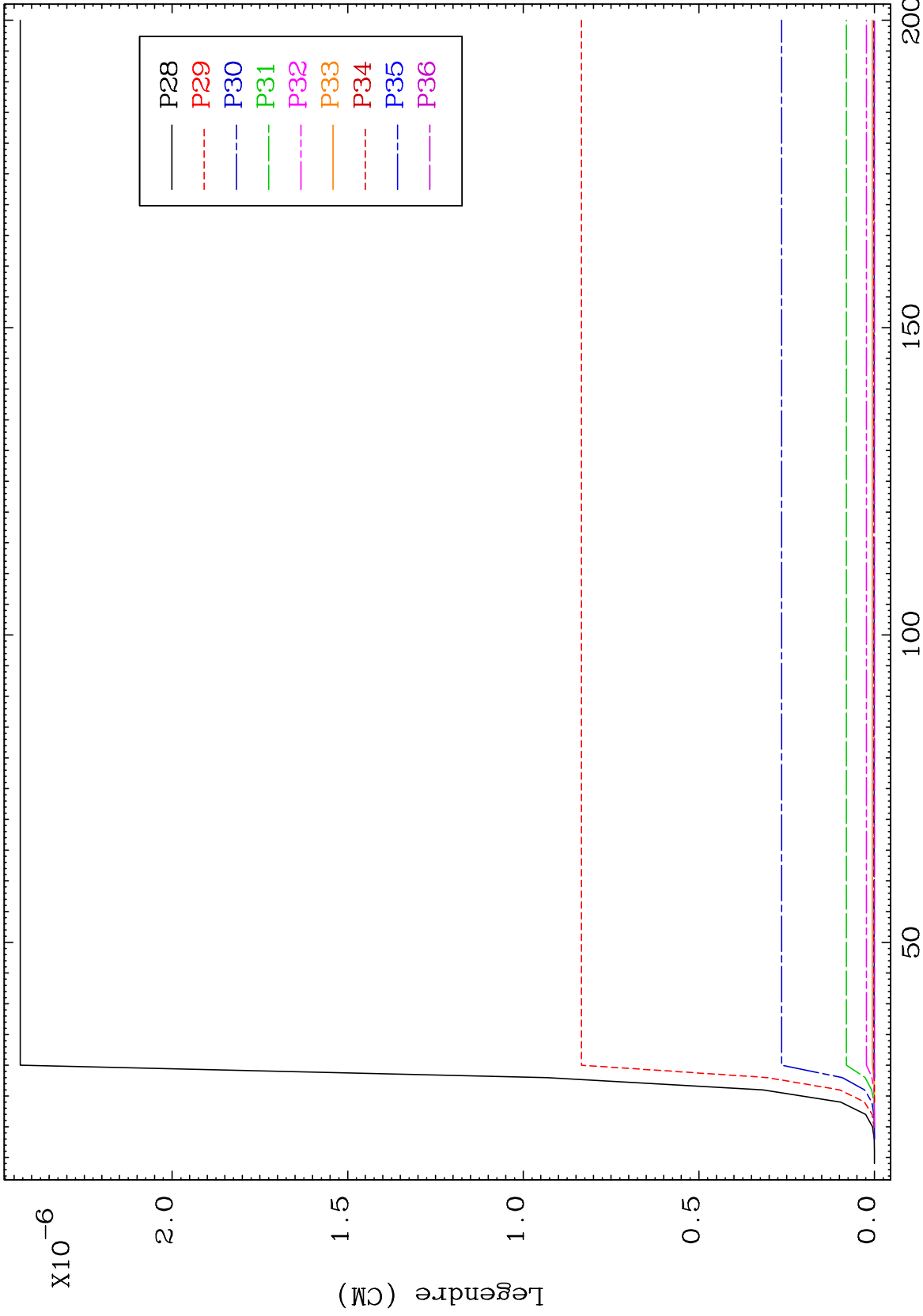
45-Rh-115



MAT 4561

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

45-Rh-115



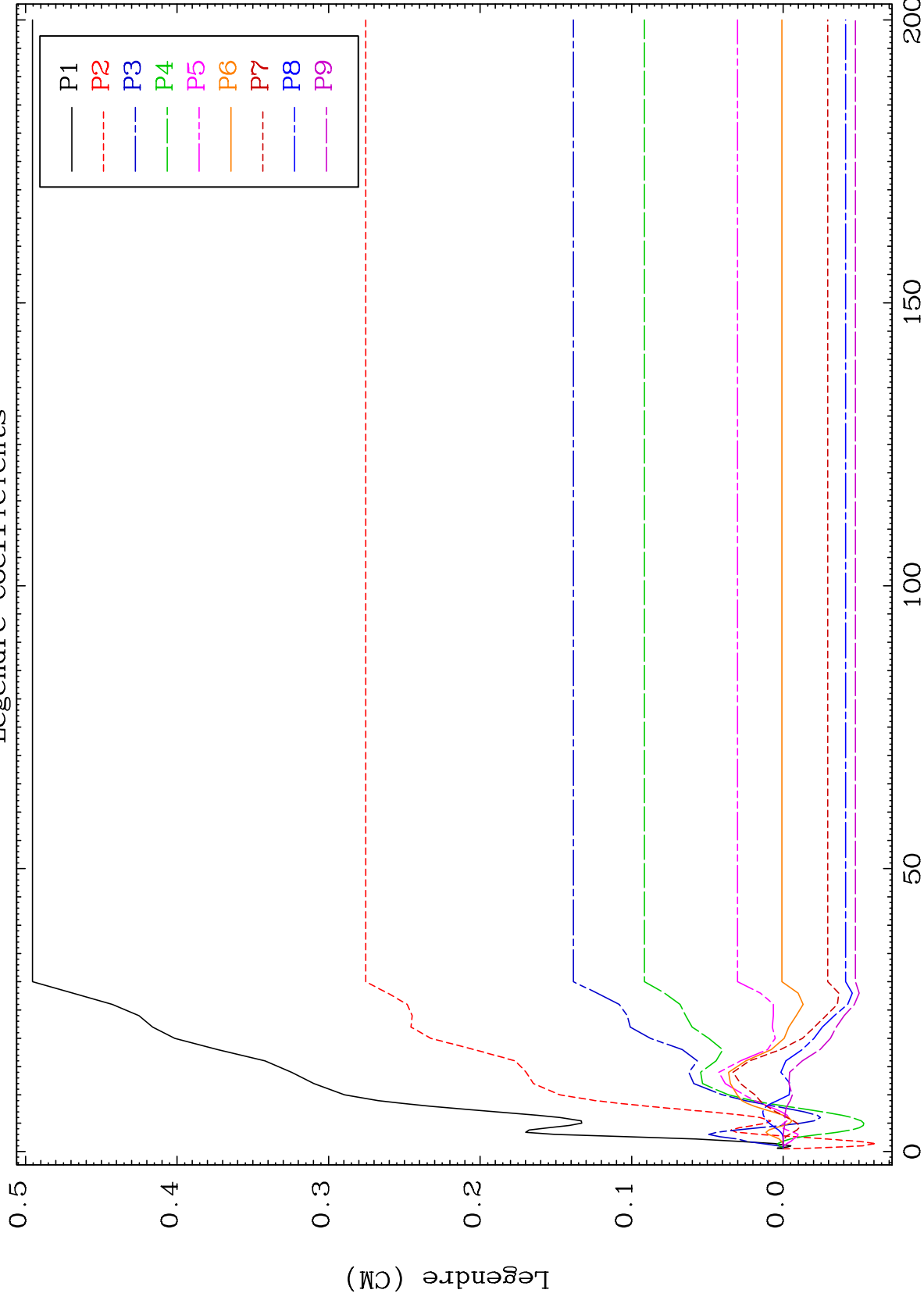
31

45-Rh-115

MAT 4561

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

45-Rh-115



45-Rh-115

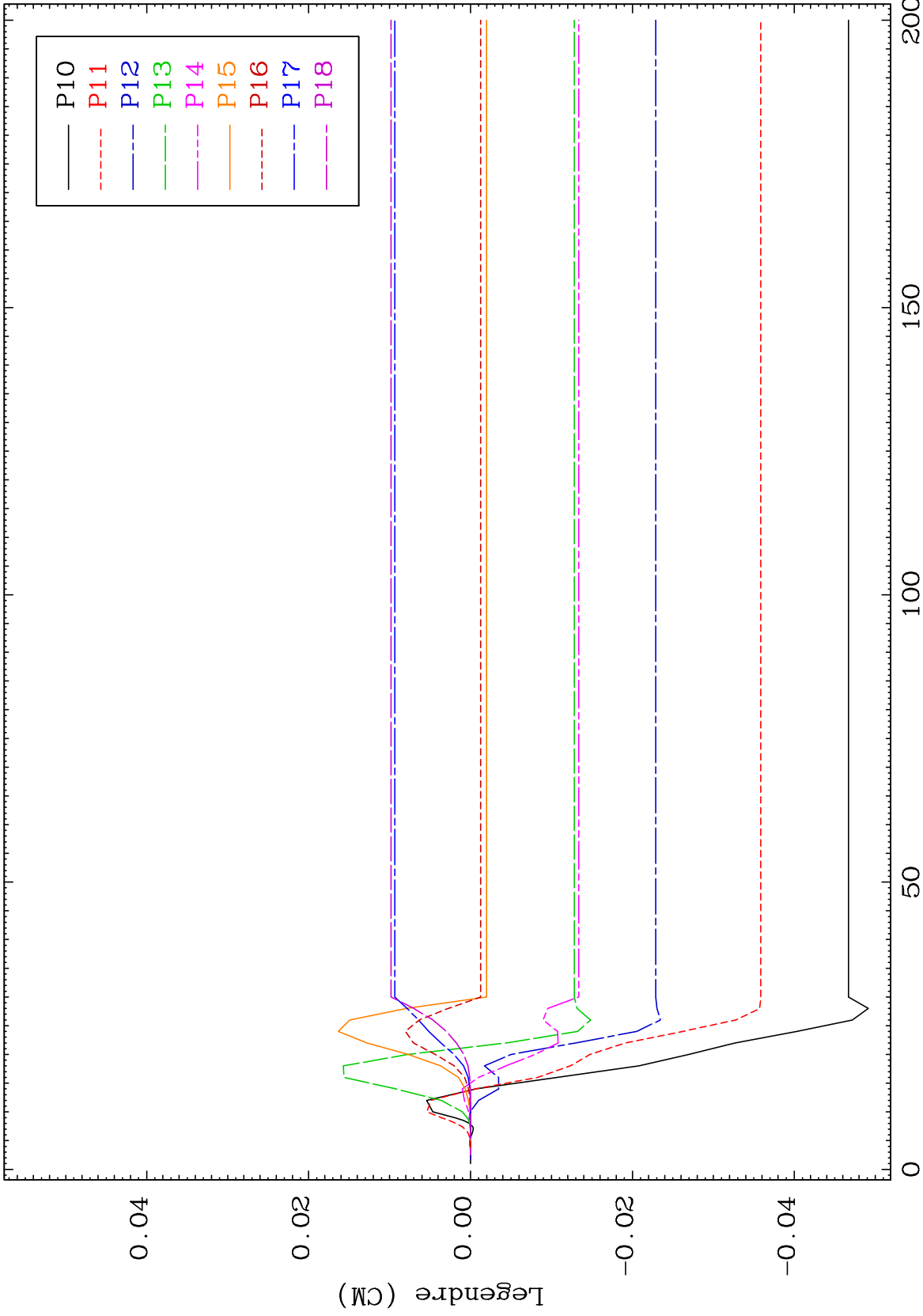
Incident Energy (MeV)

32

MAT 4561

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

45-Rh-115



33

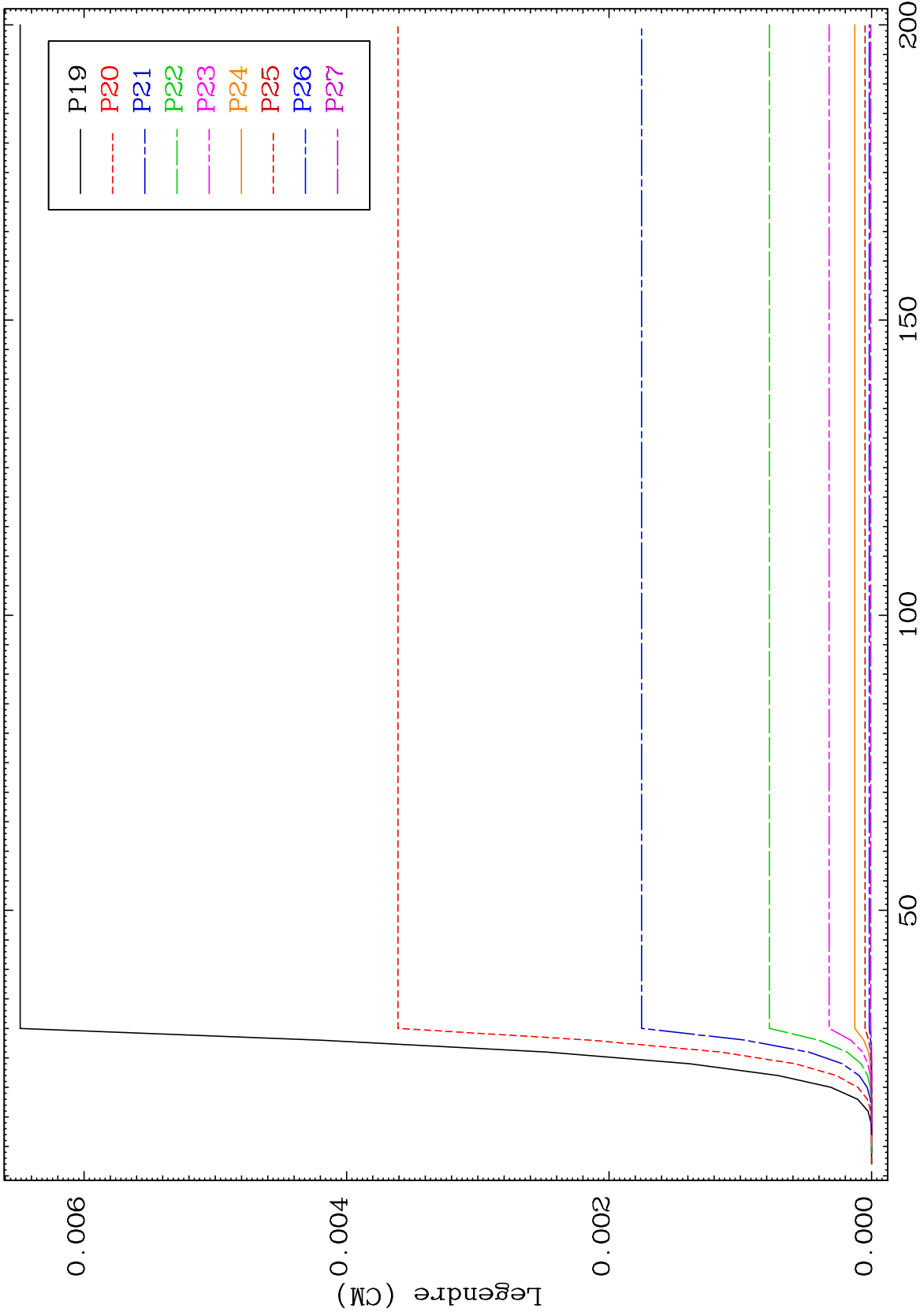
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



34

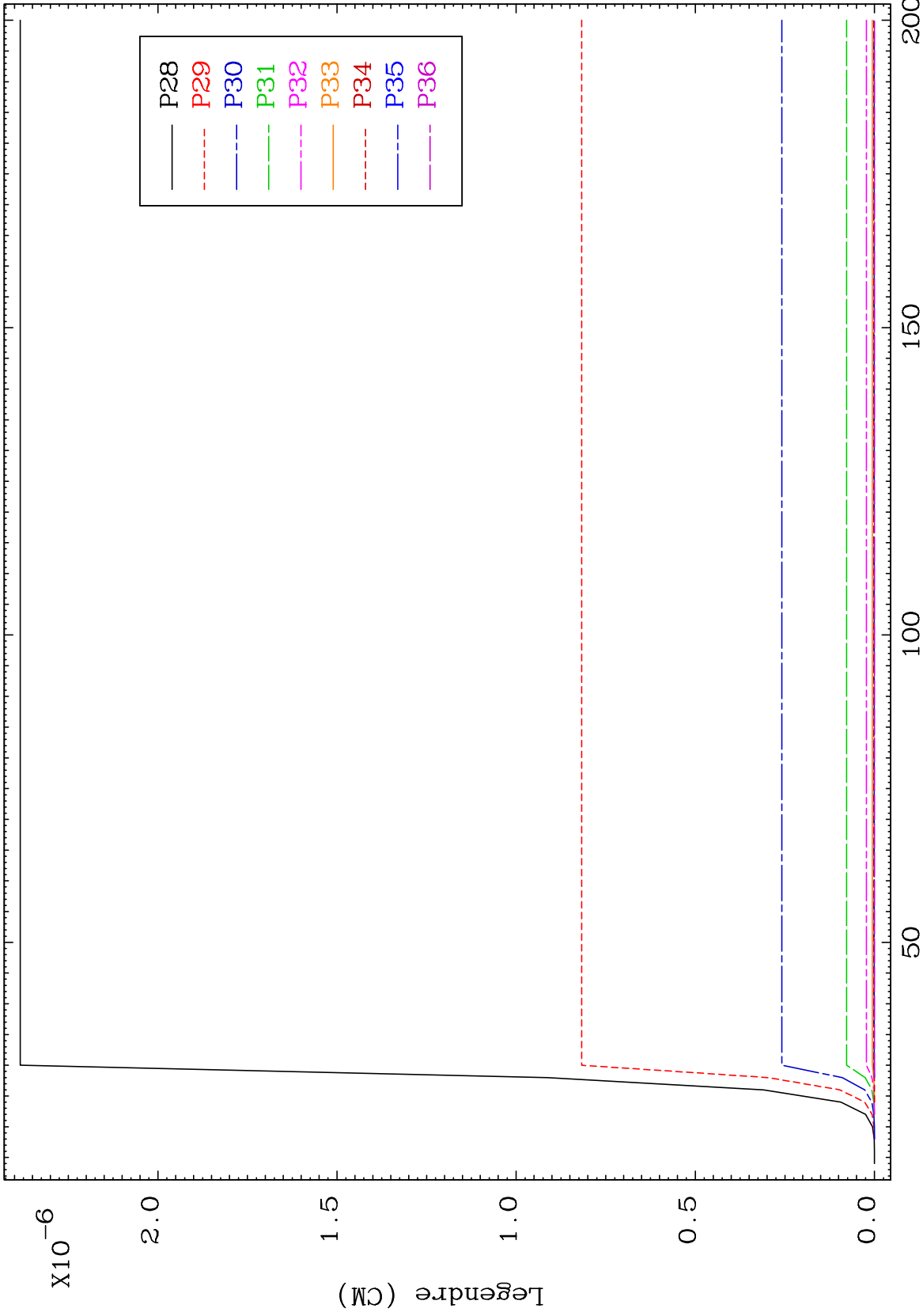
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



35

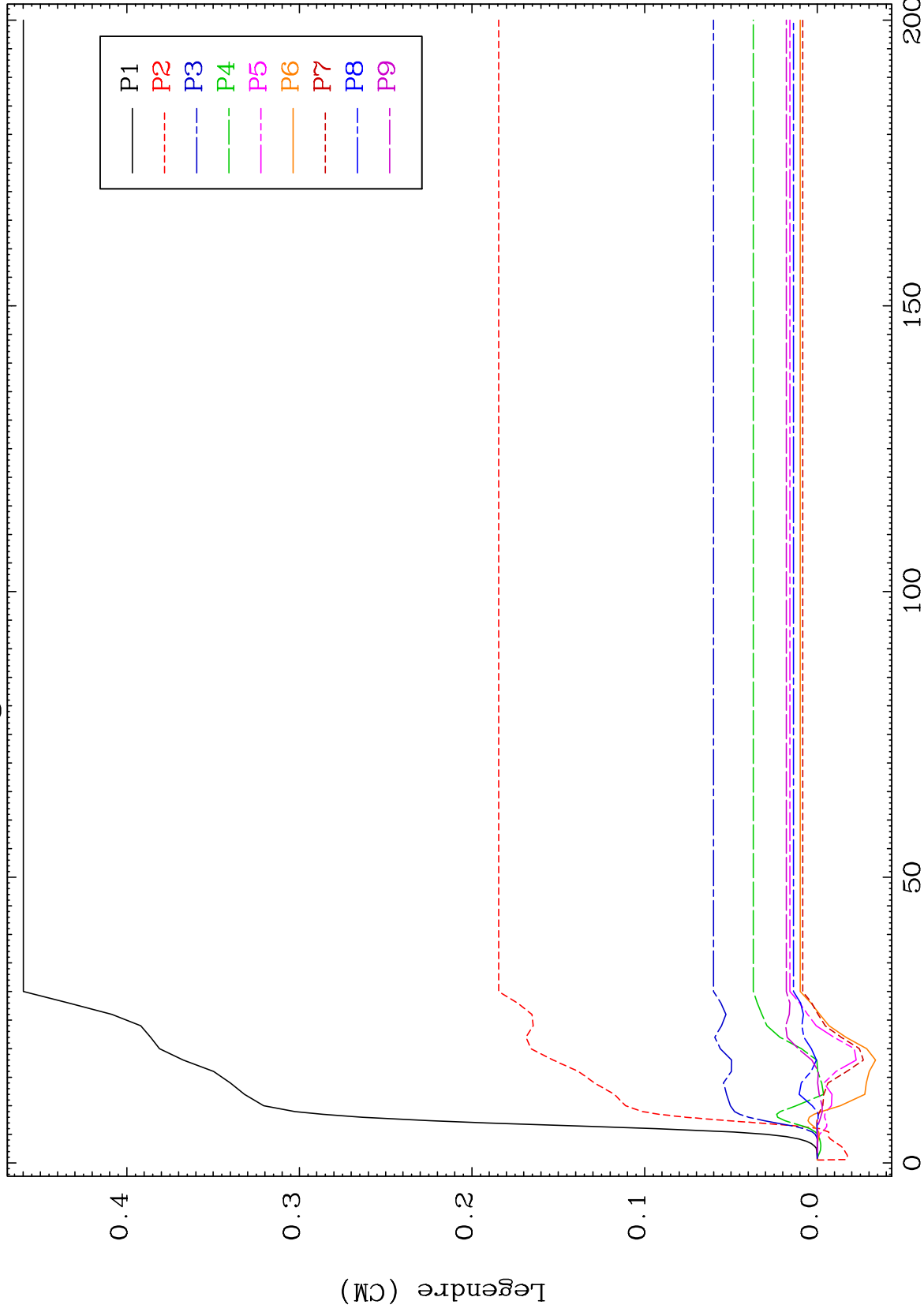
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



36

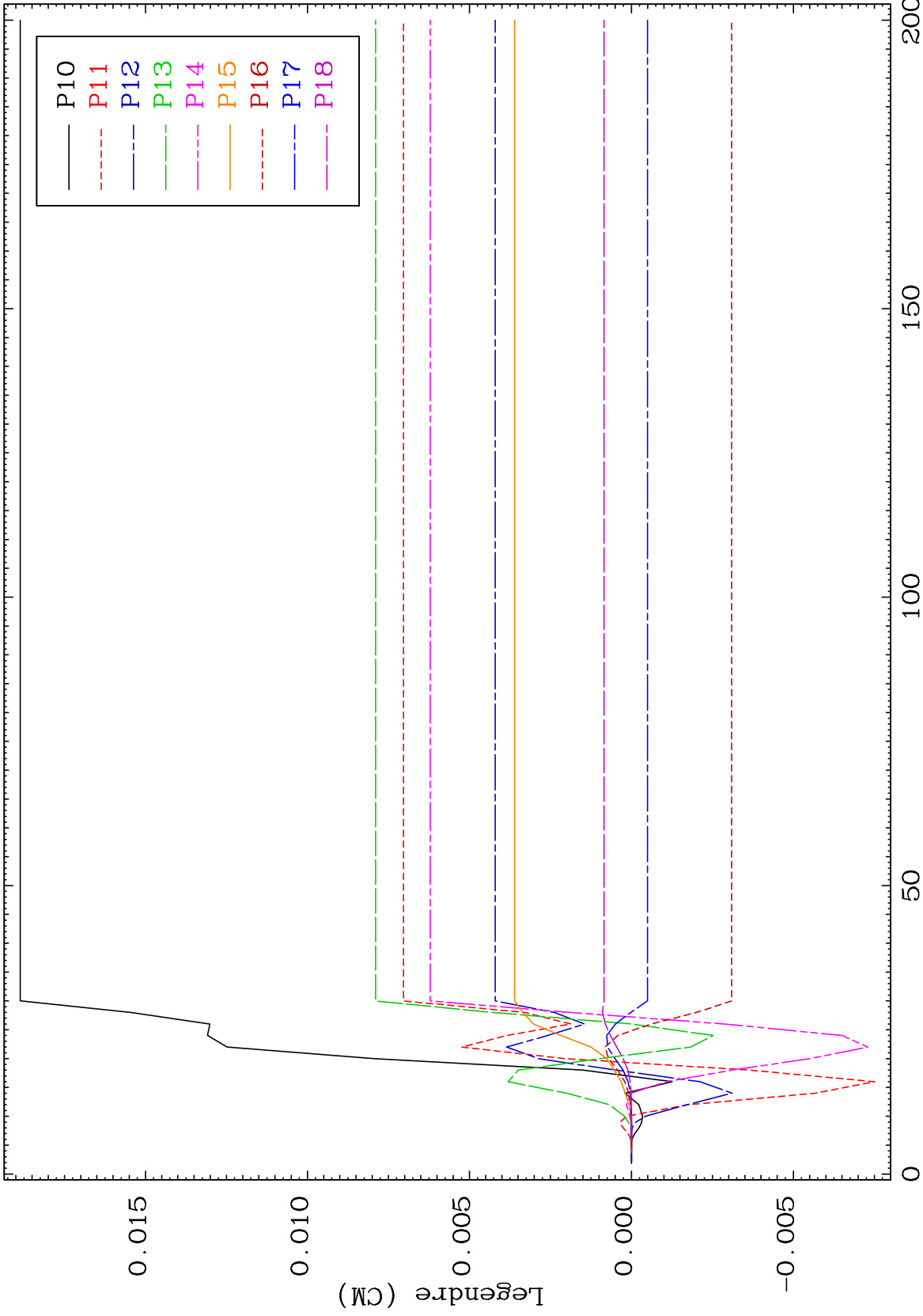
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



37

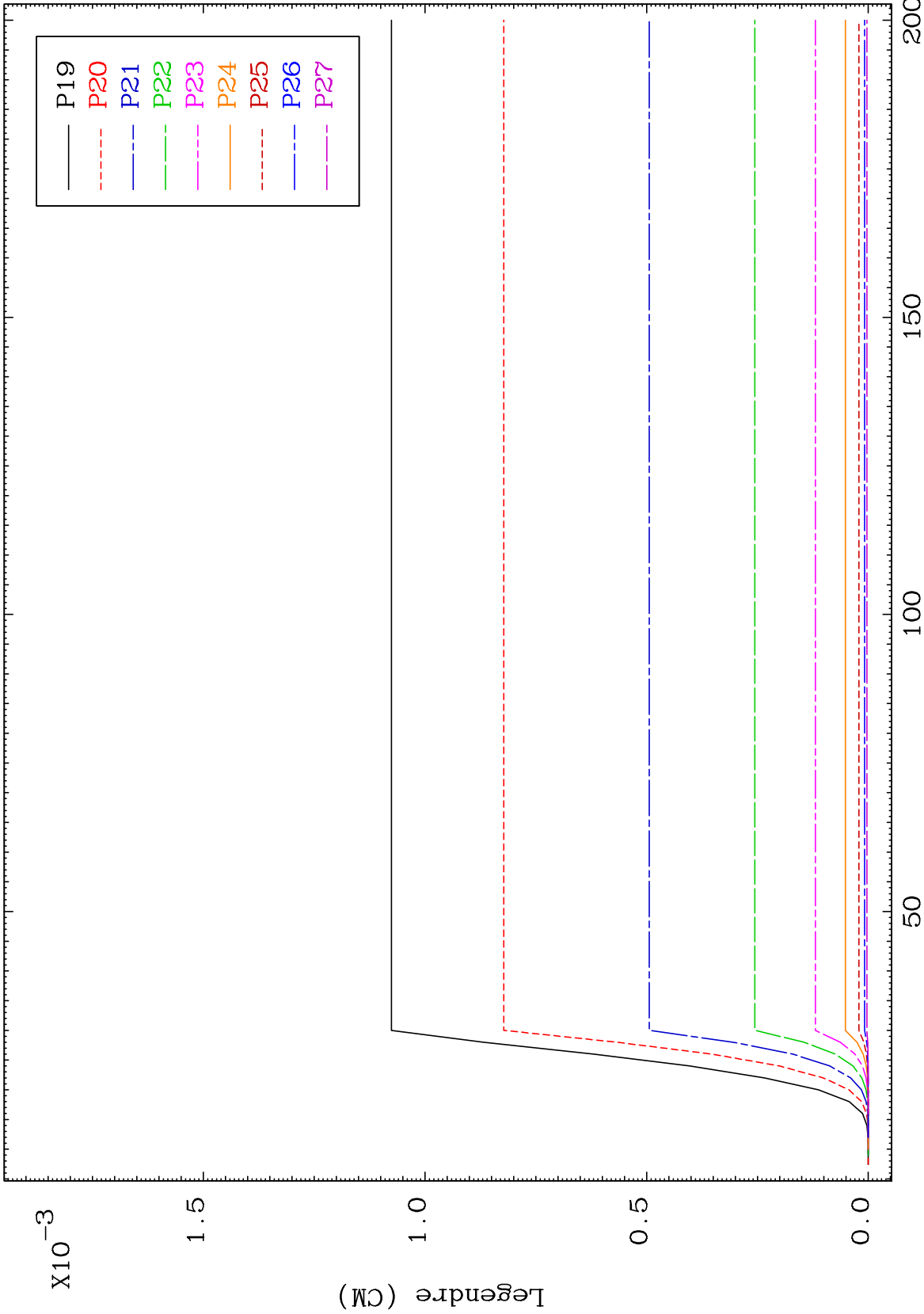
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



38

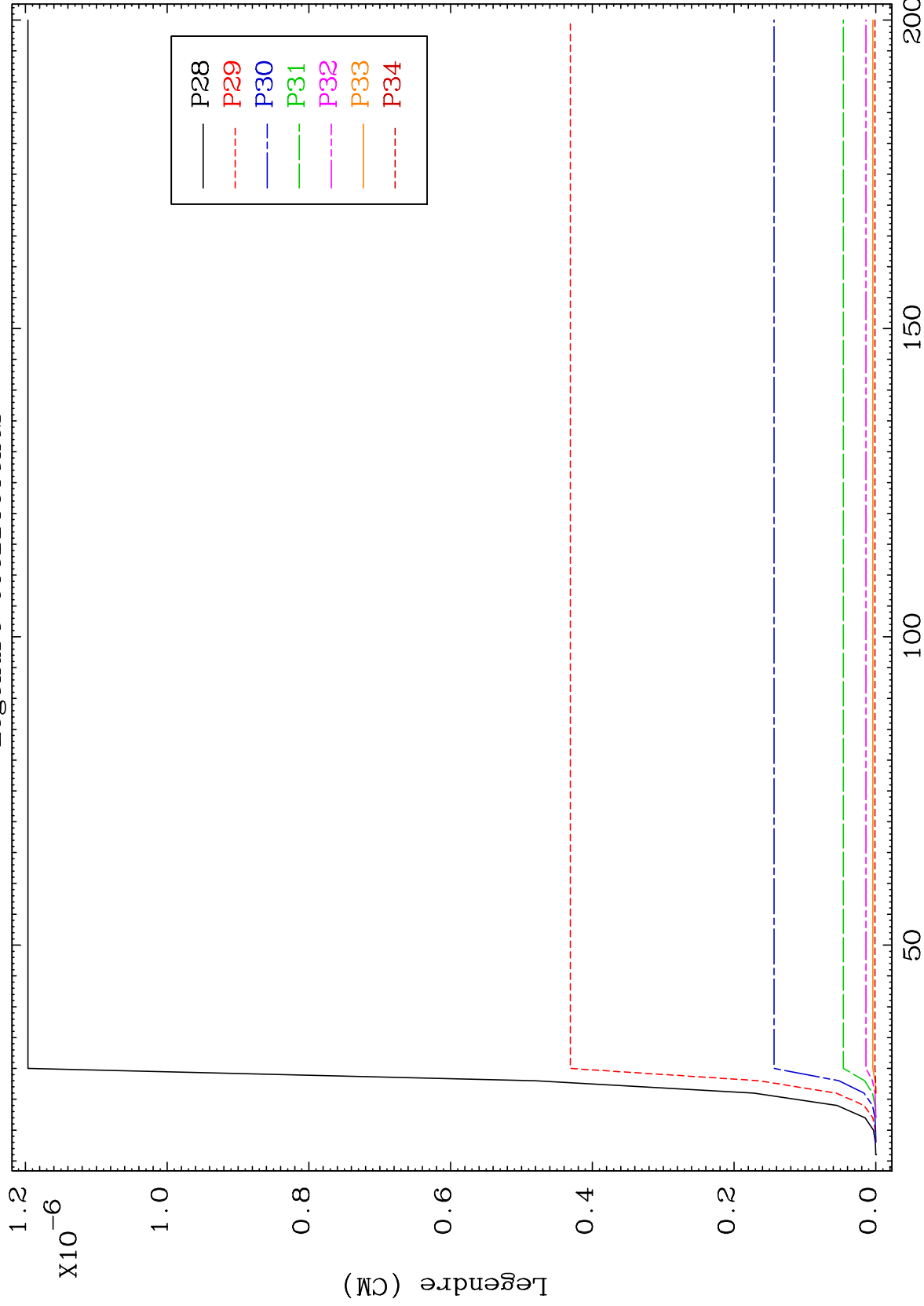
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

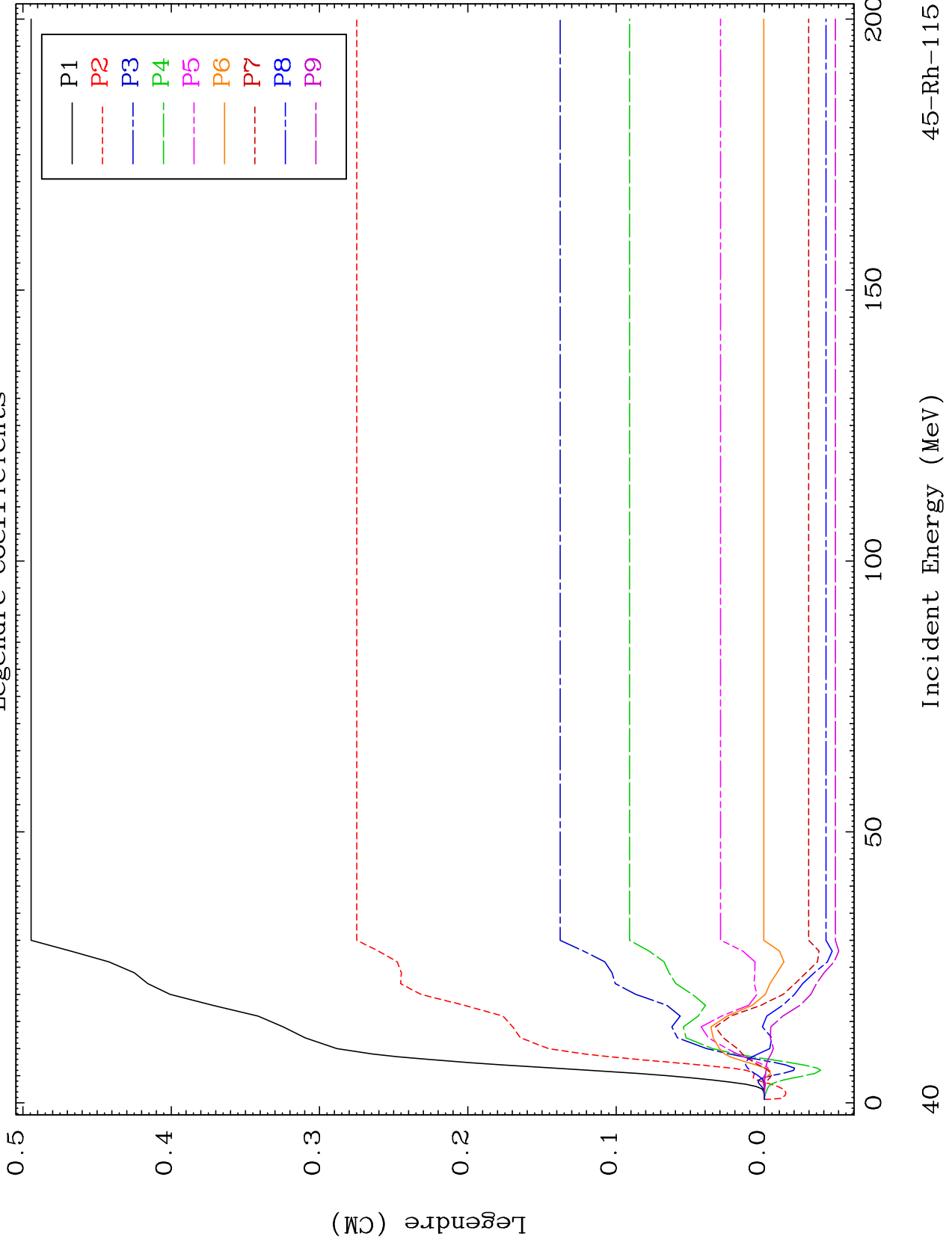
45-Rh-115



39

45-Rh-115

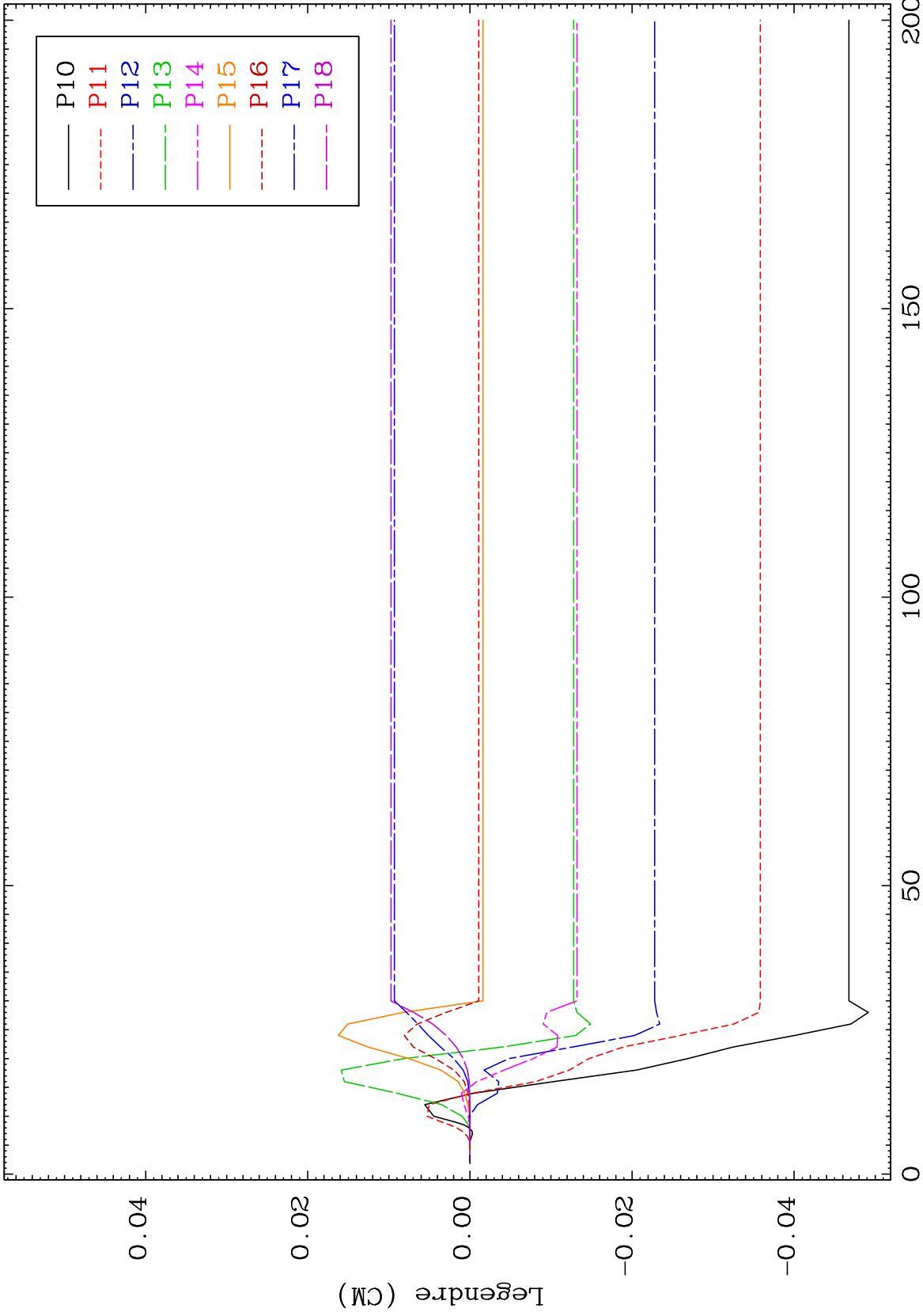
MAT 4561 MT= 56 (n,n') Level Legendre Coefficients 45-Rh-115



MAT 4561

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

45-Rh-115



41

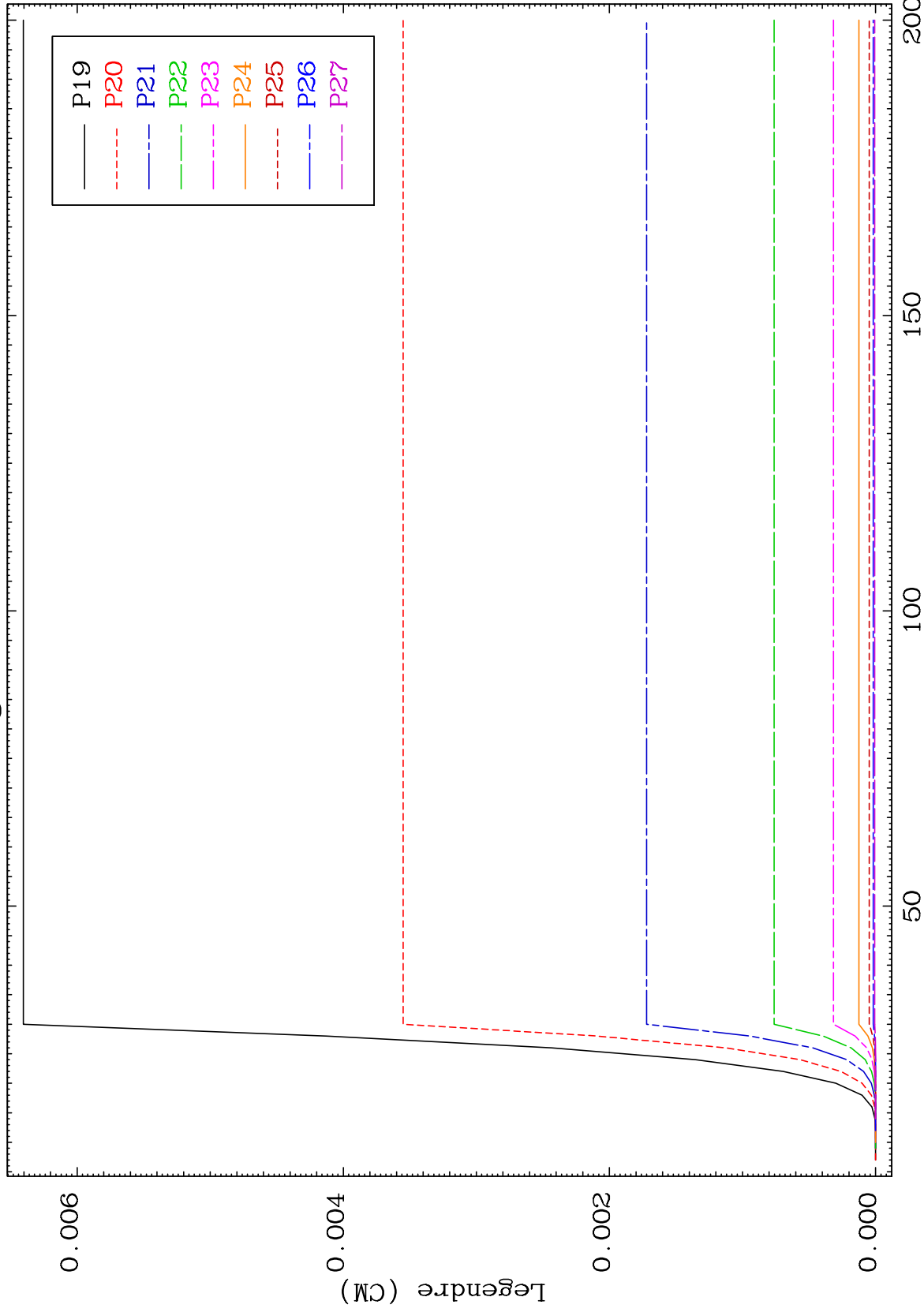
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



42

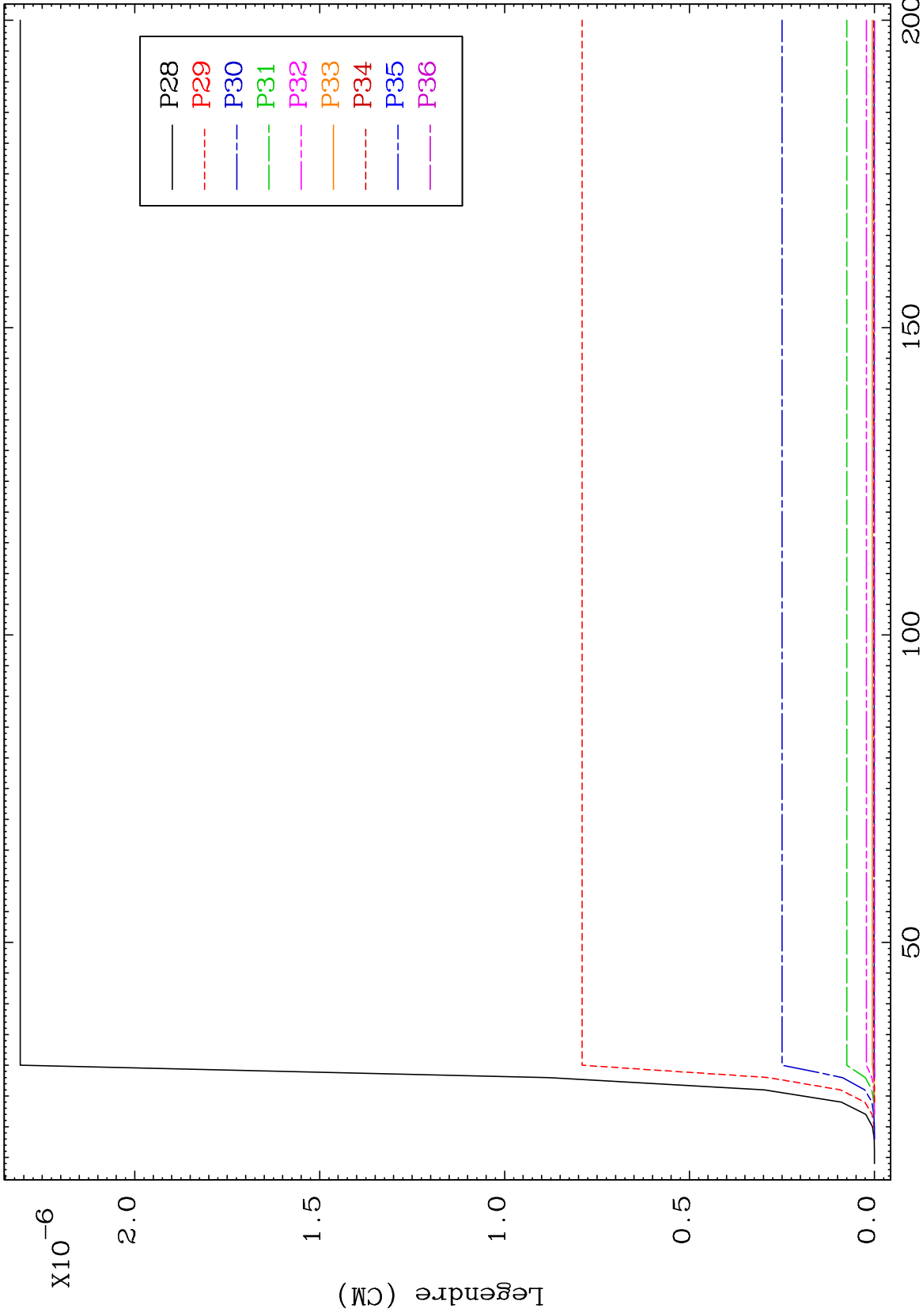
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115

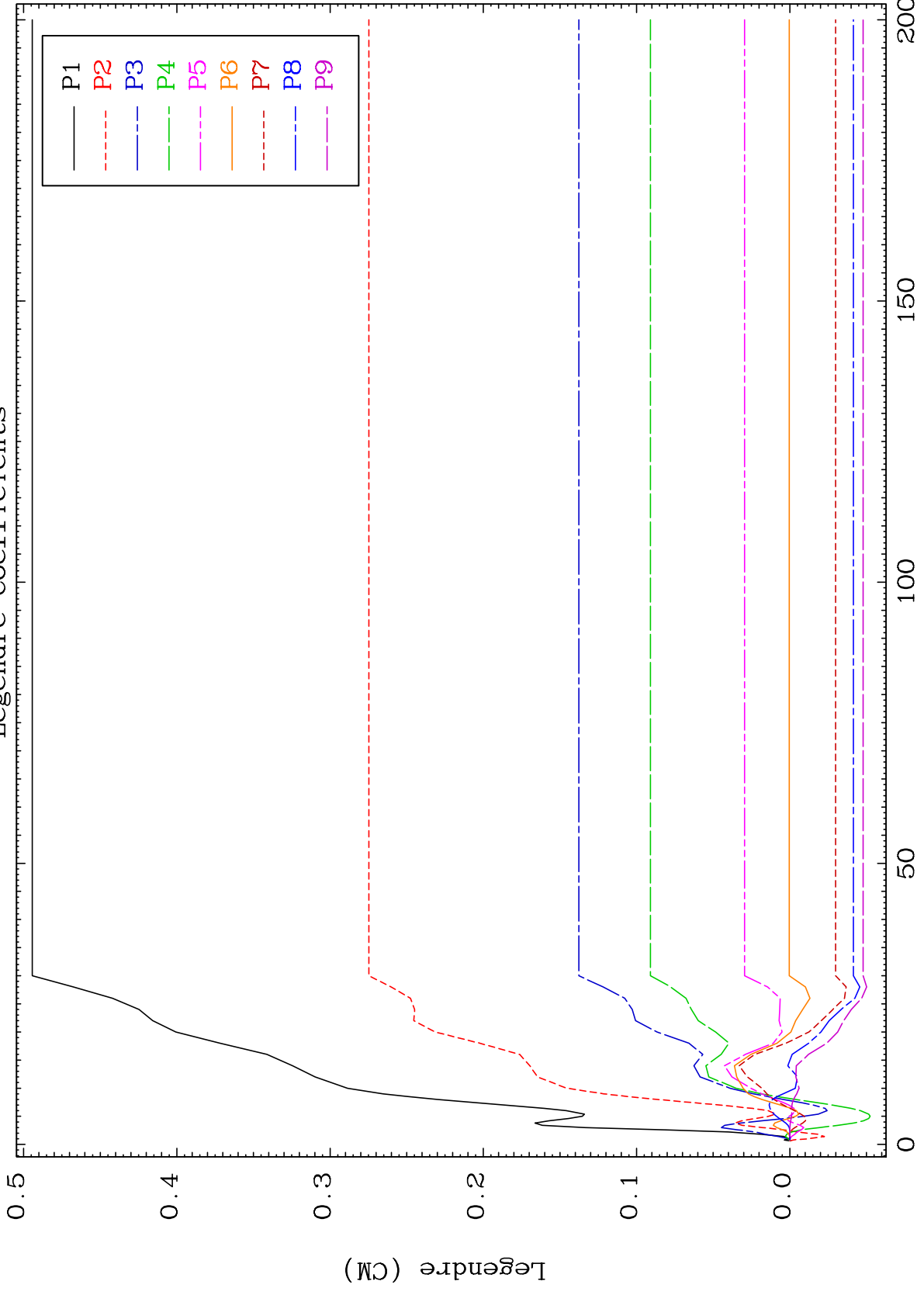


43

Incident Energy (MeV)

45-Rh-115

MAT 4561 MT= 57 (n,n') Level Legendre Coefficients 45-Rh-115

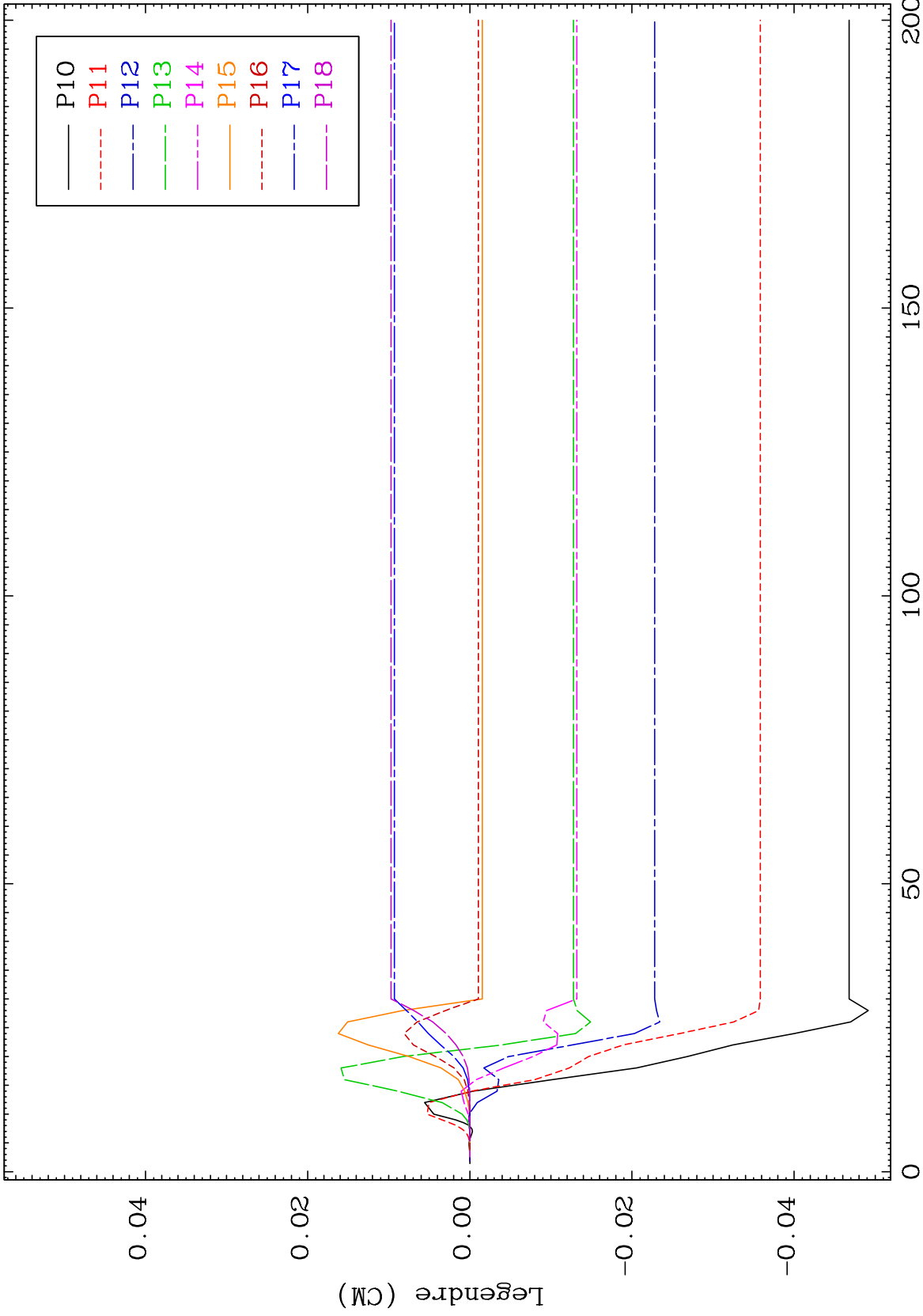


44 45-Rh-115

MAT 4561

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

45-Rh-115



45

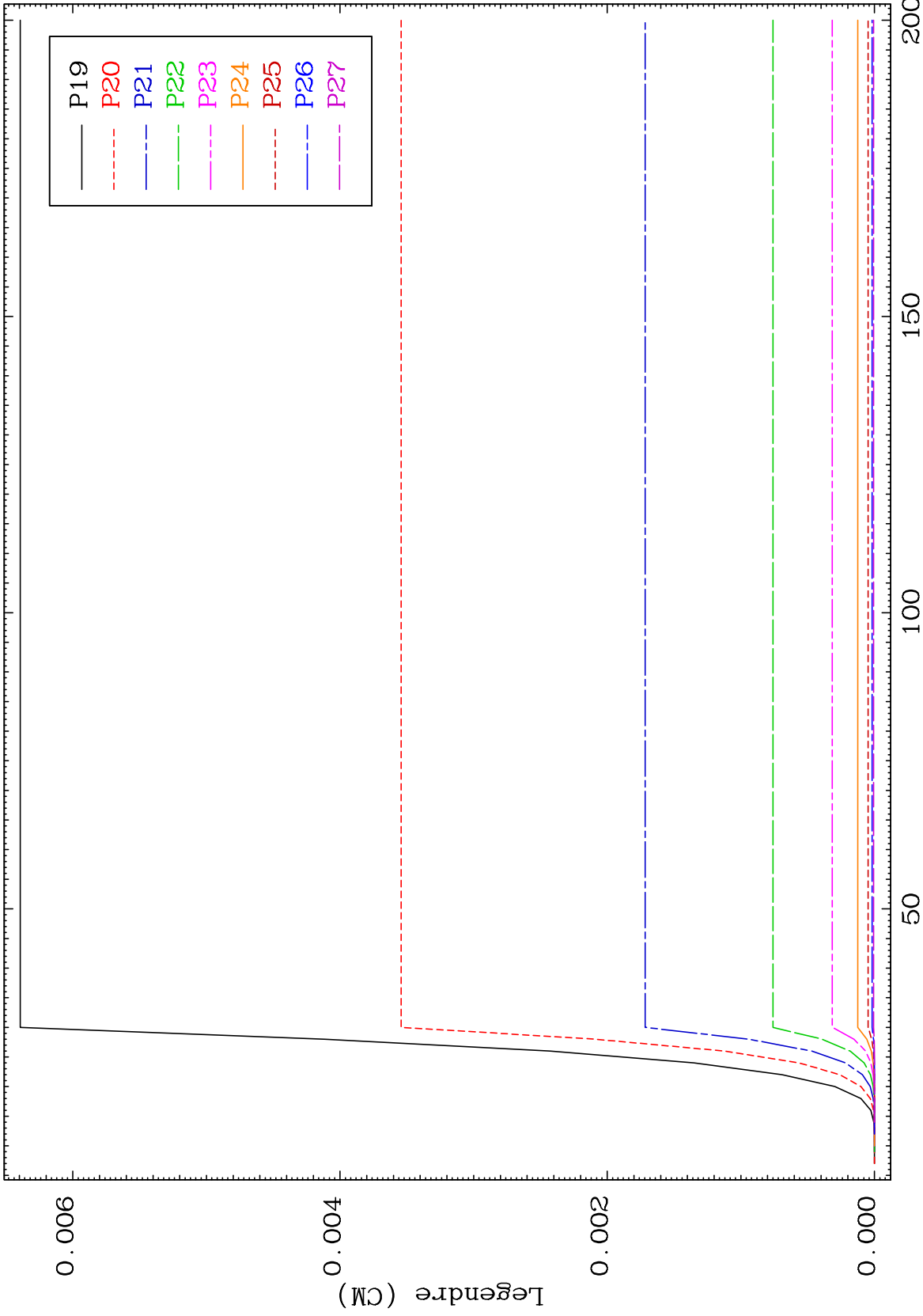
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



46

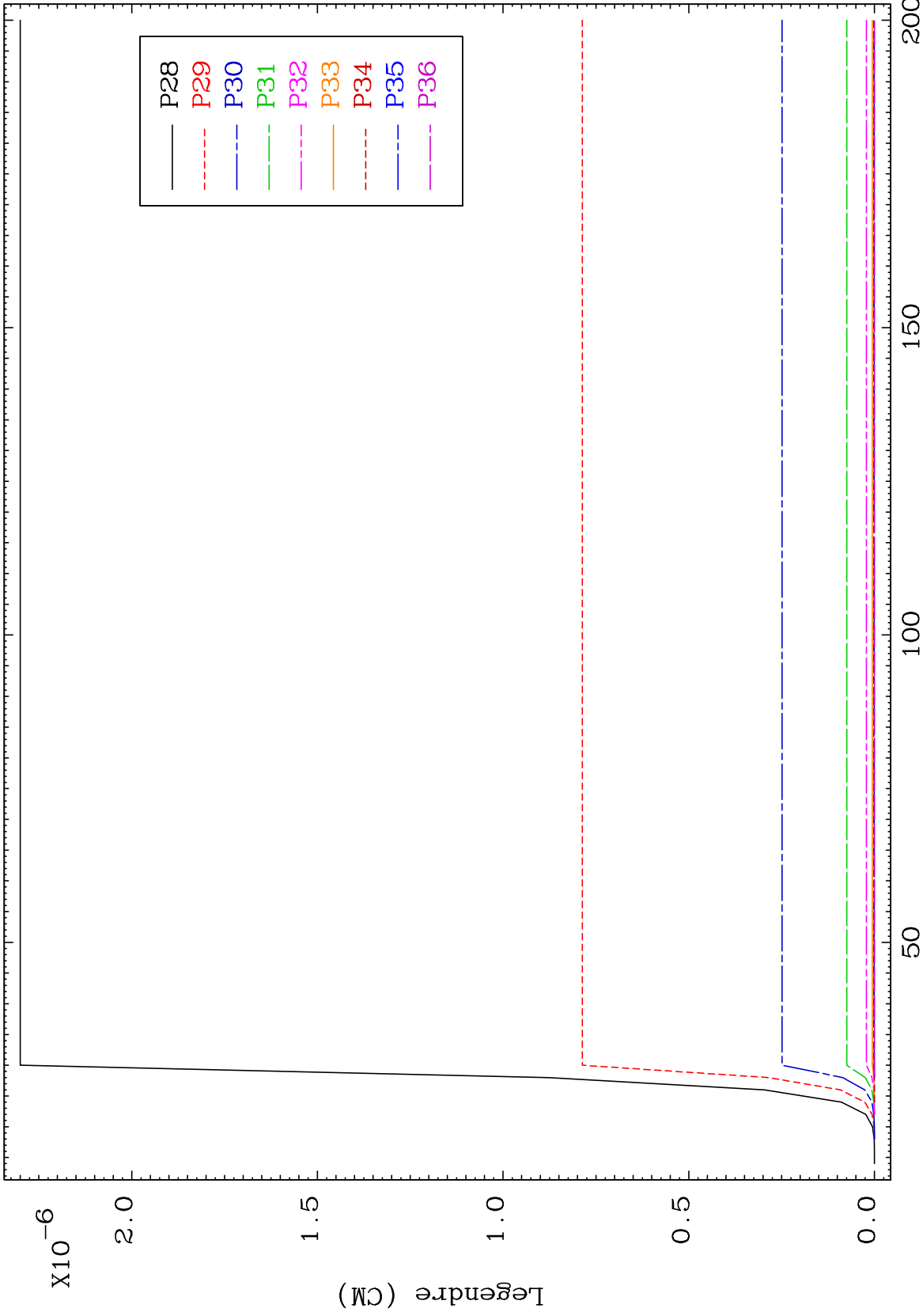
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115

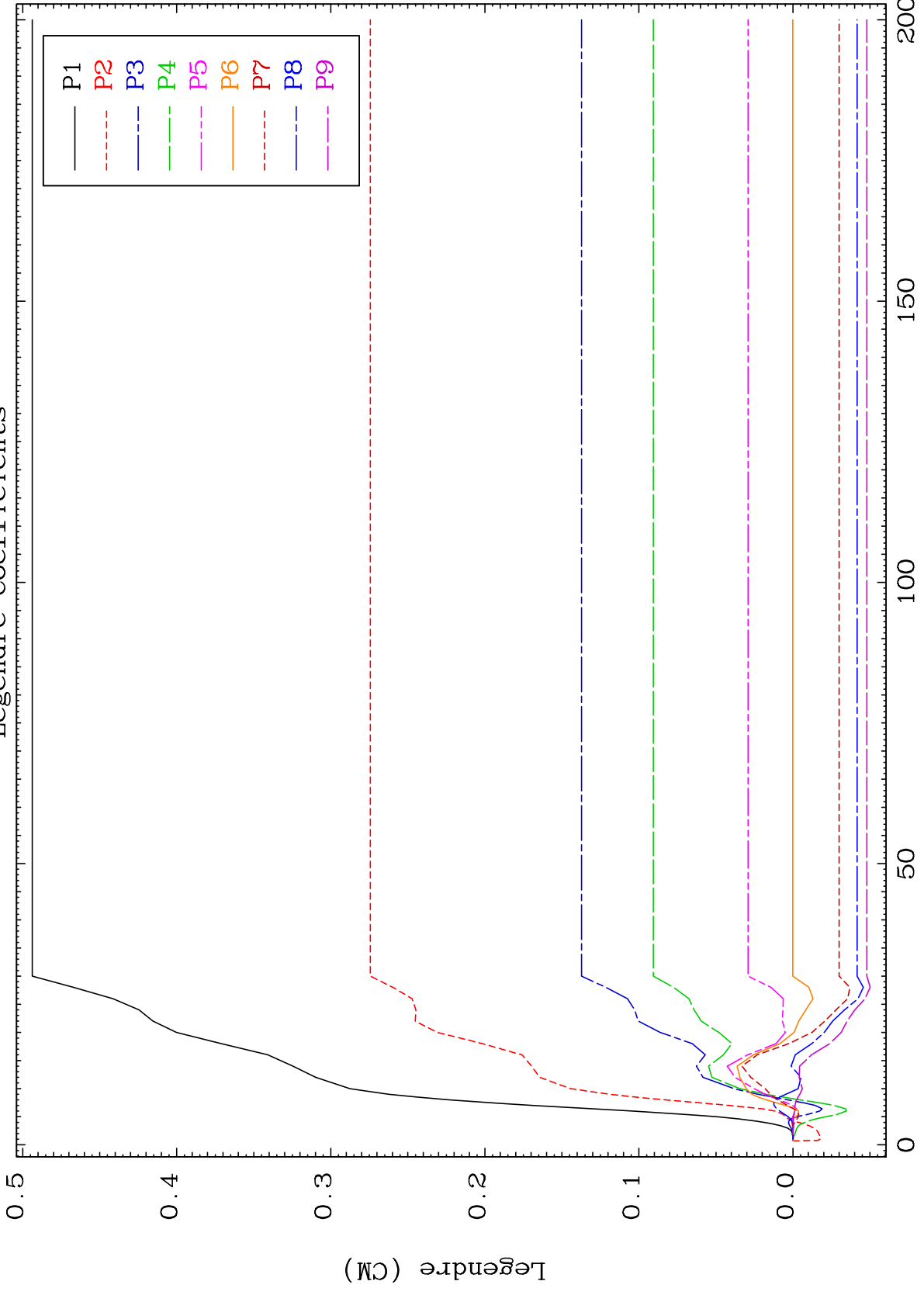


47

Incident Energy (MeV)

45-Rh-115

MAT 4561 MT= 58 (n,n') Level Legendre Coefficients 45-Rh-115

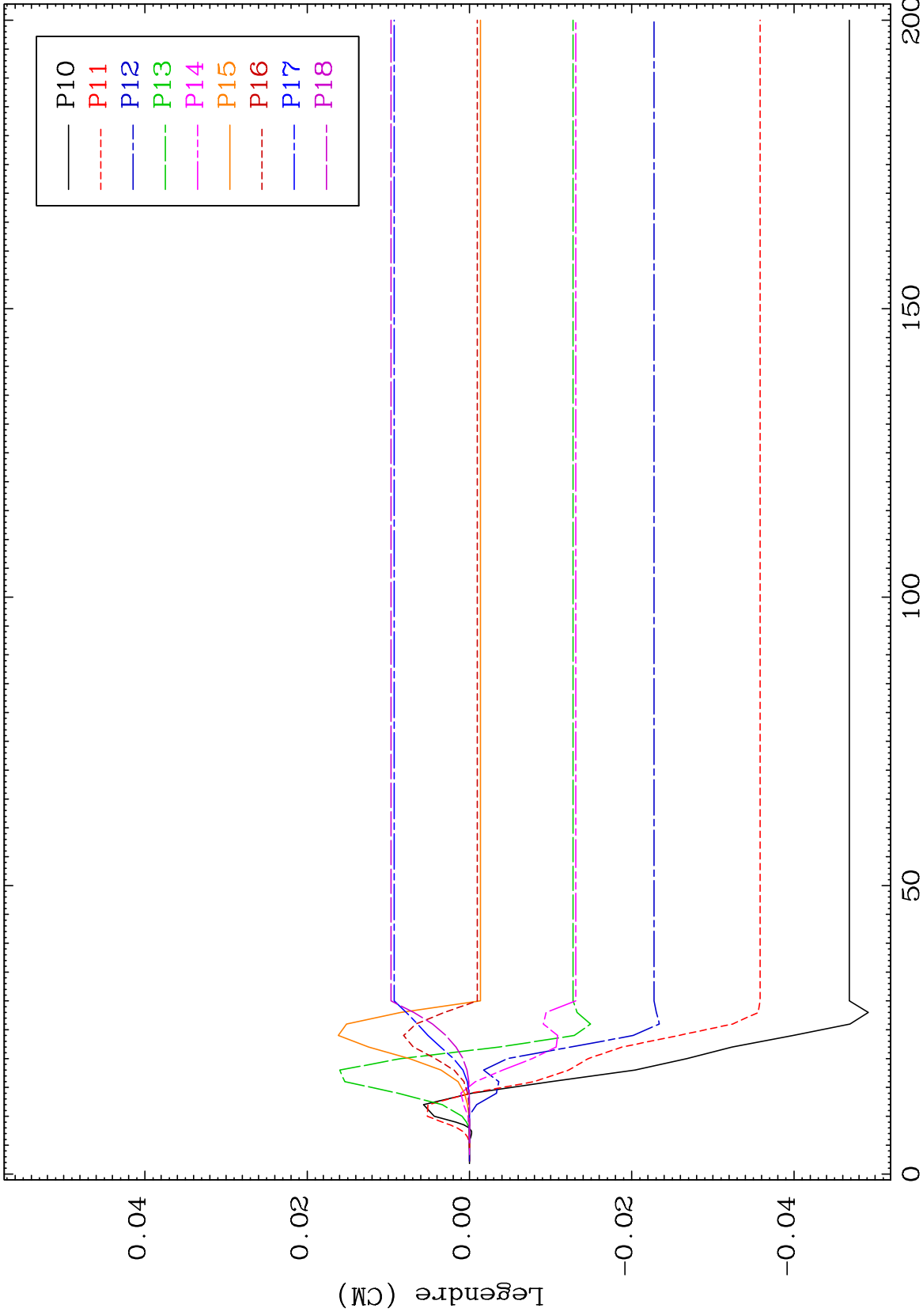


48 45-Rh-115

MAT 4561

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

45-Rh-115



49

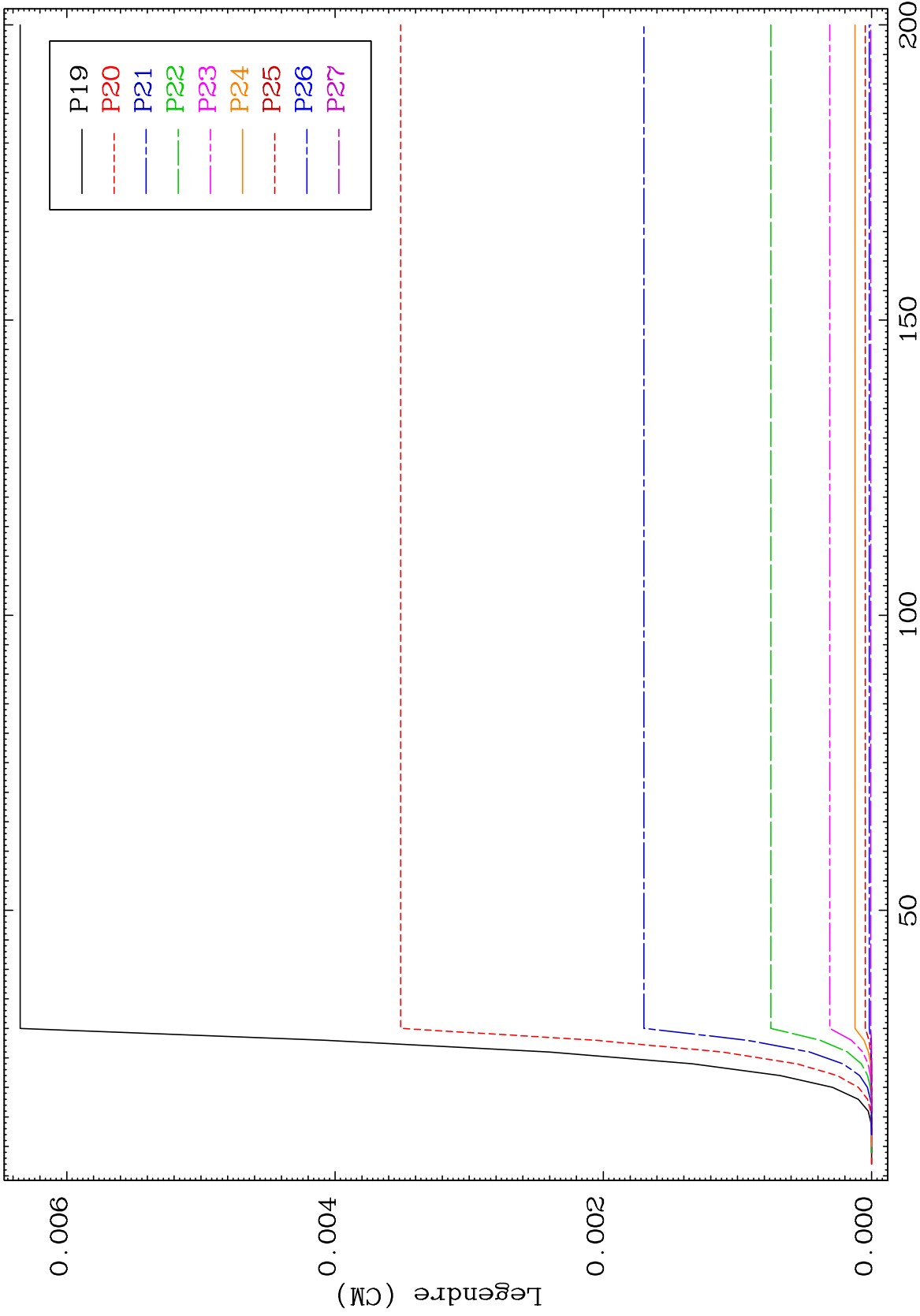
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



50

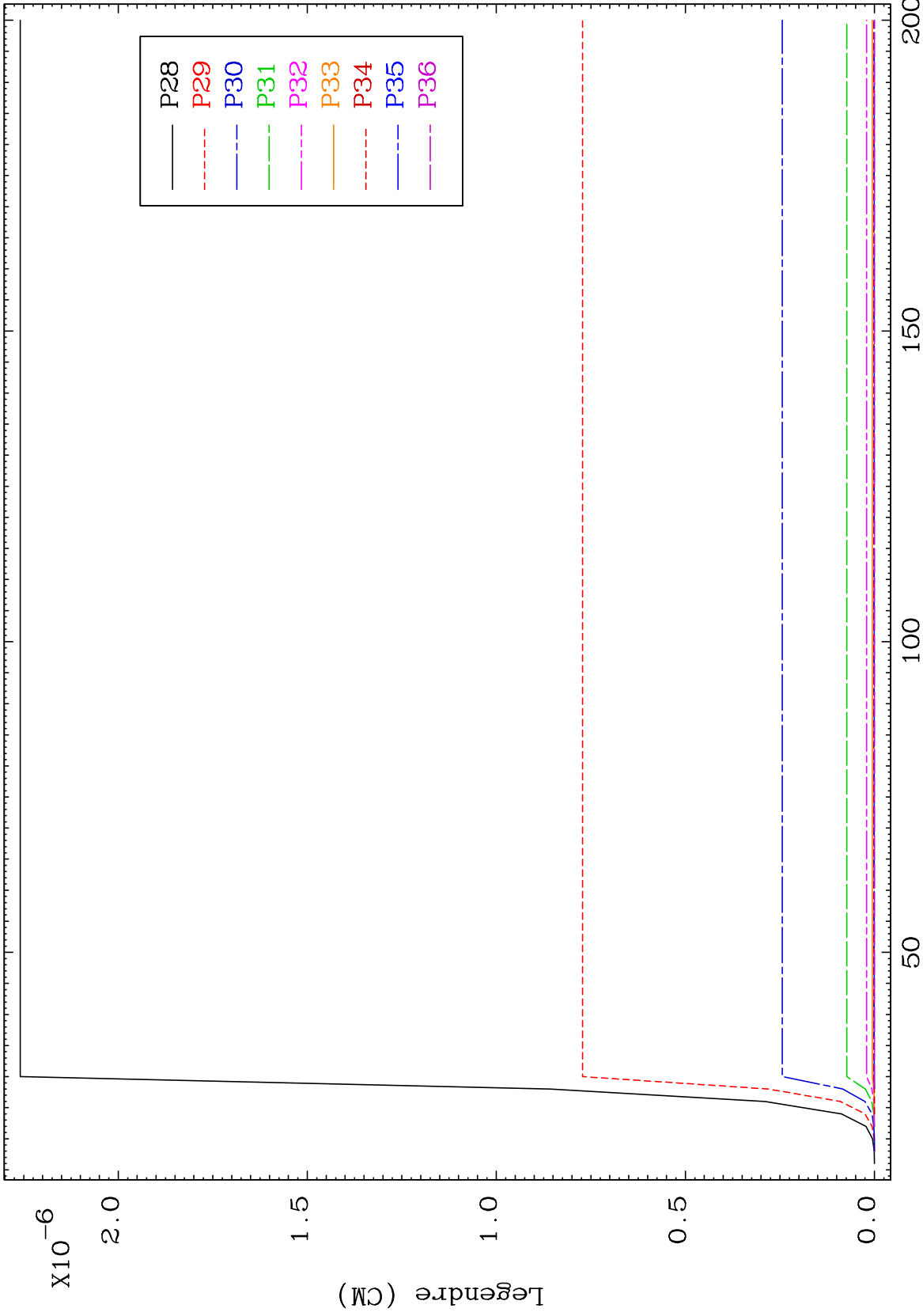
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



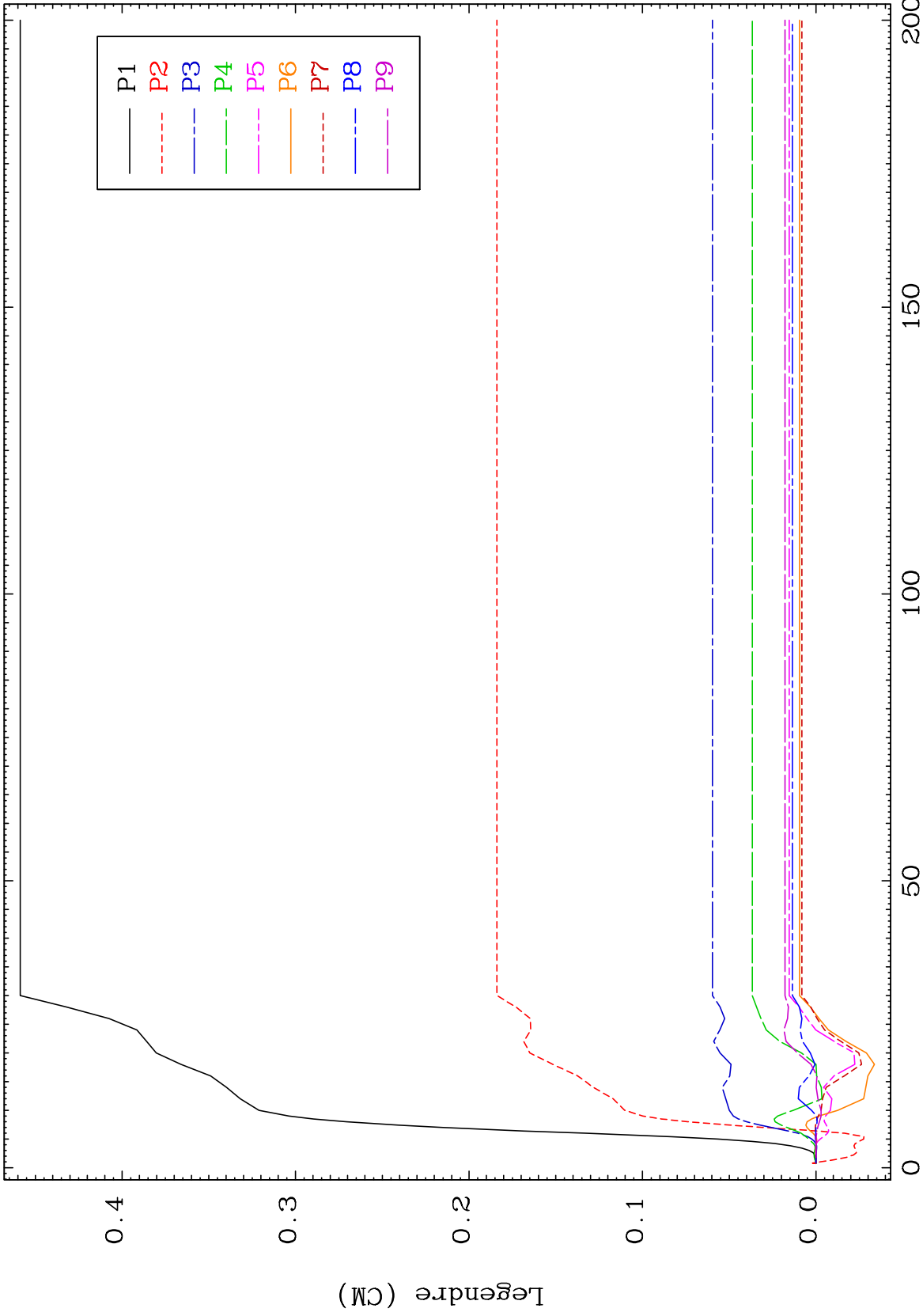
51

45-Rh-115

MAT 4561

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

45-Rh-115



52

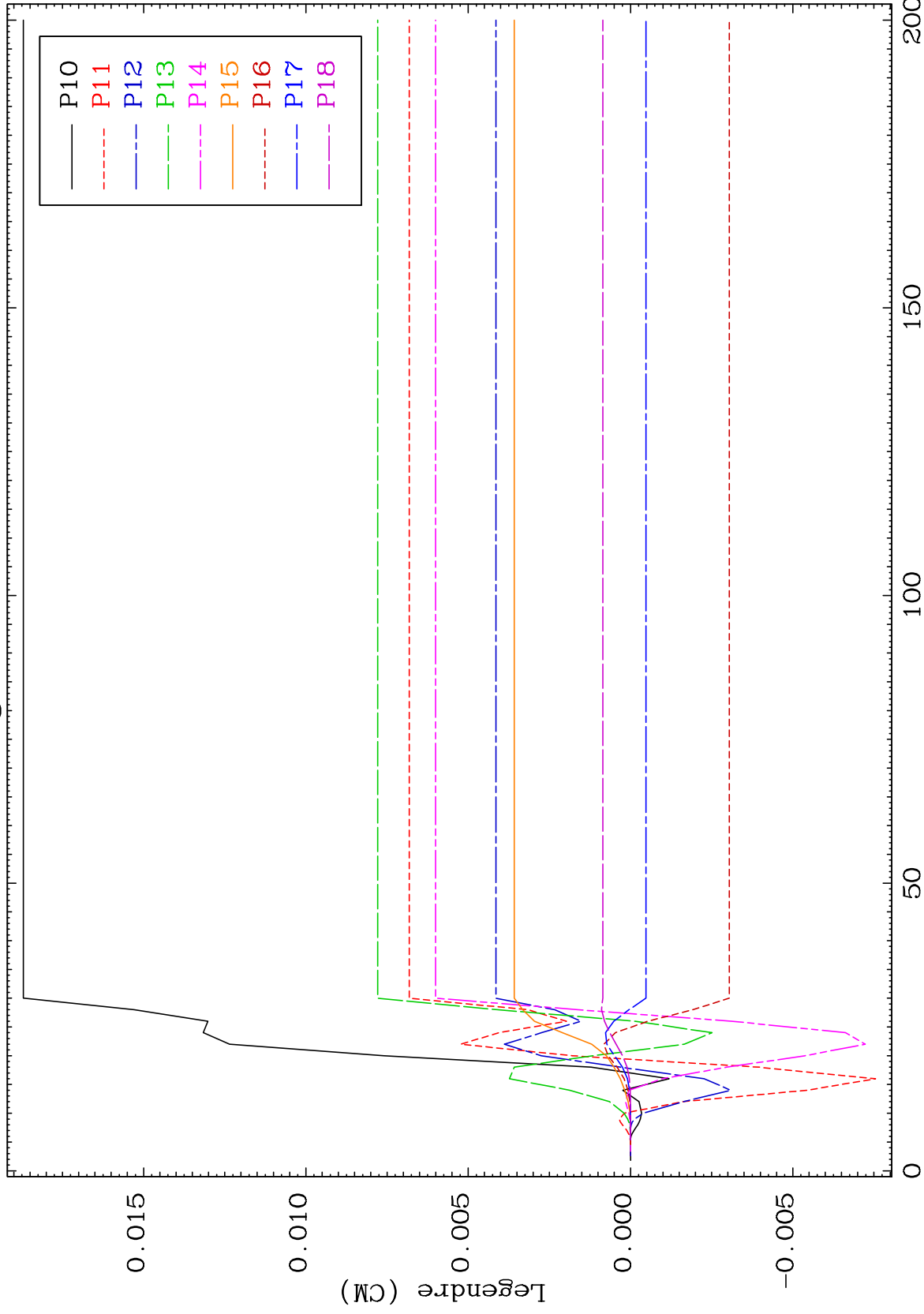
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



53

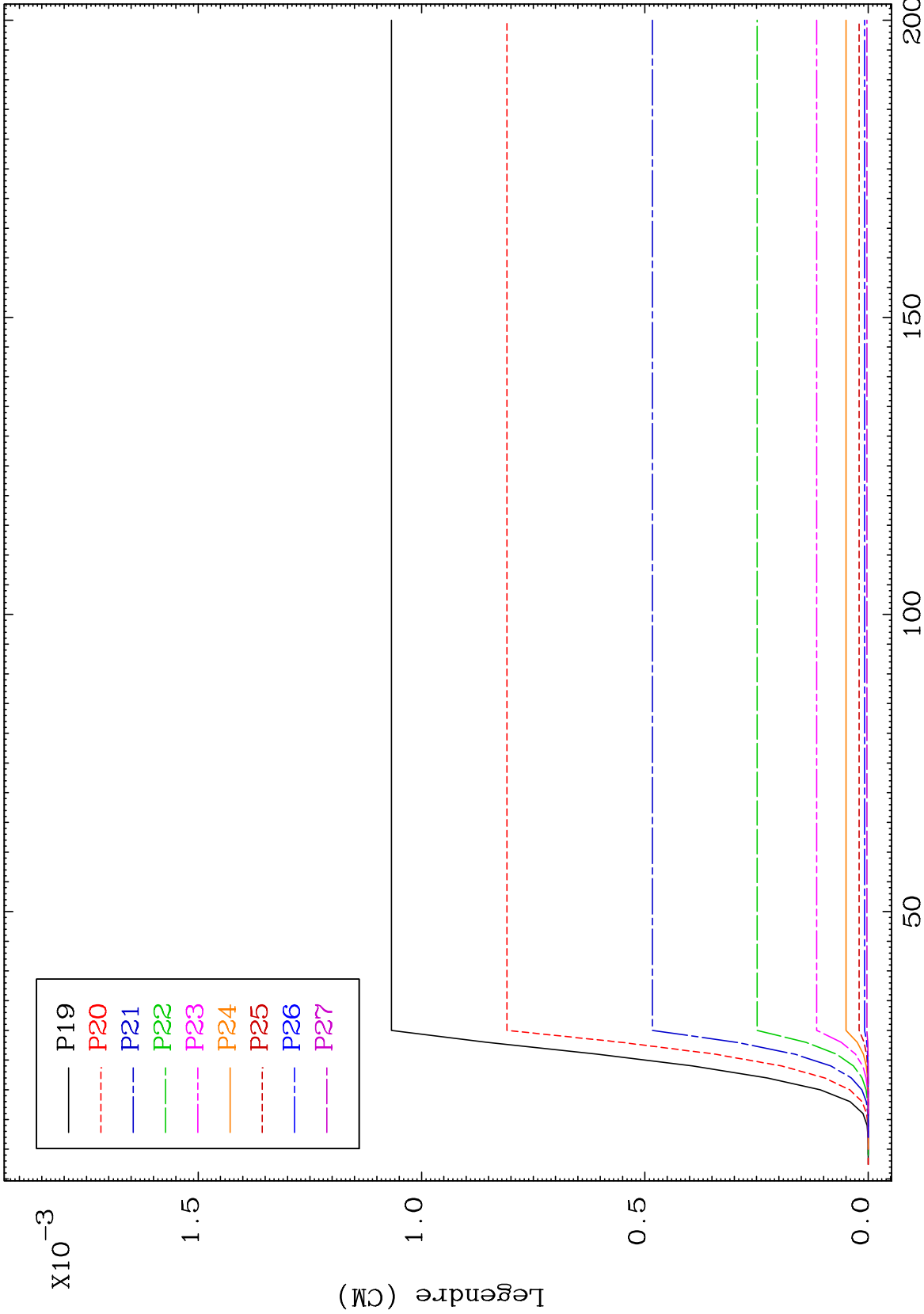
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



54

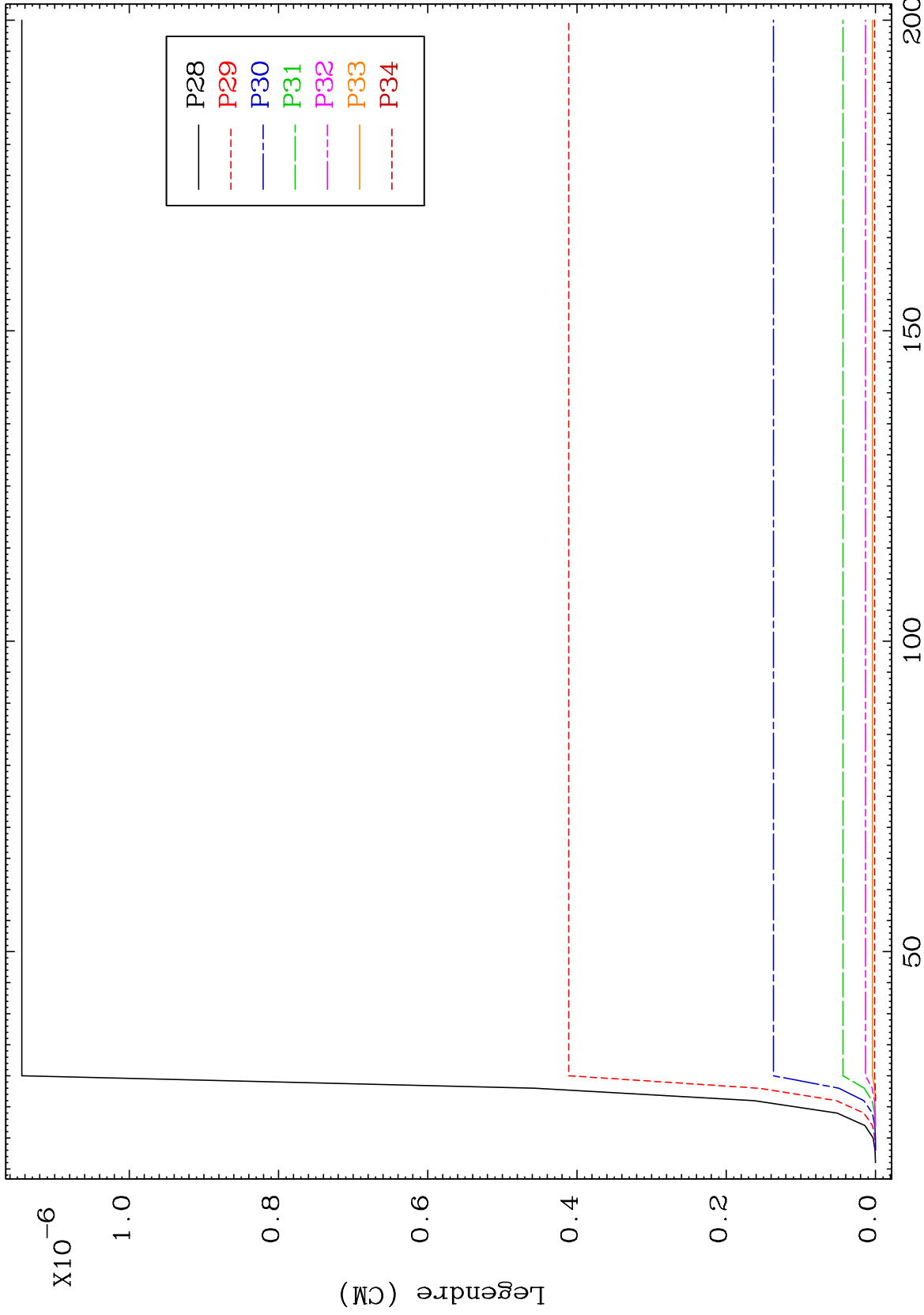
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



55

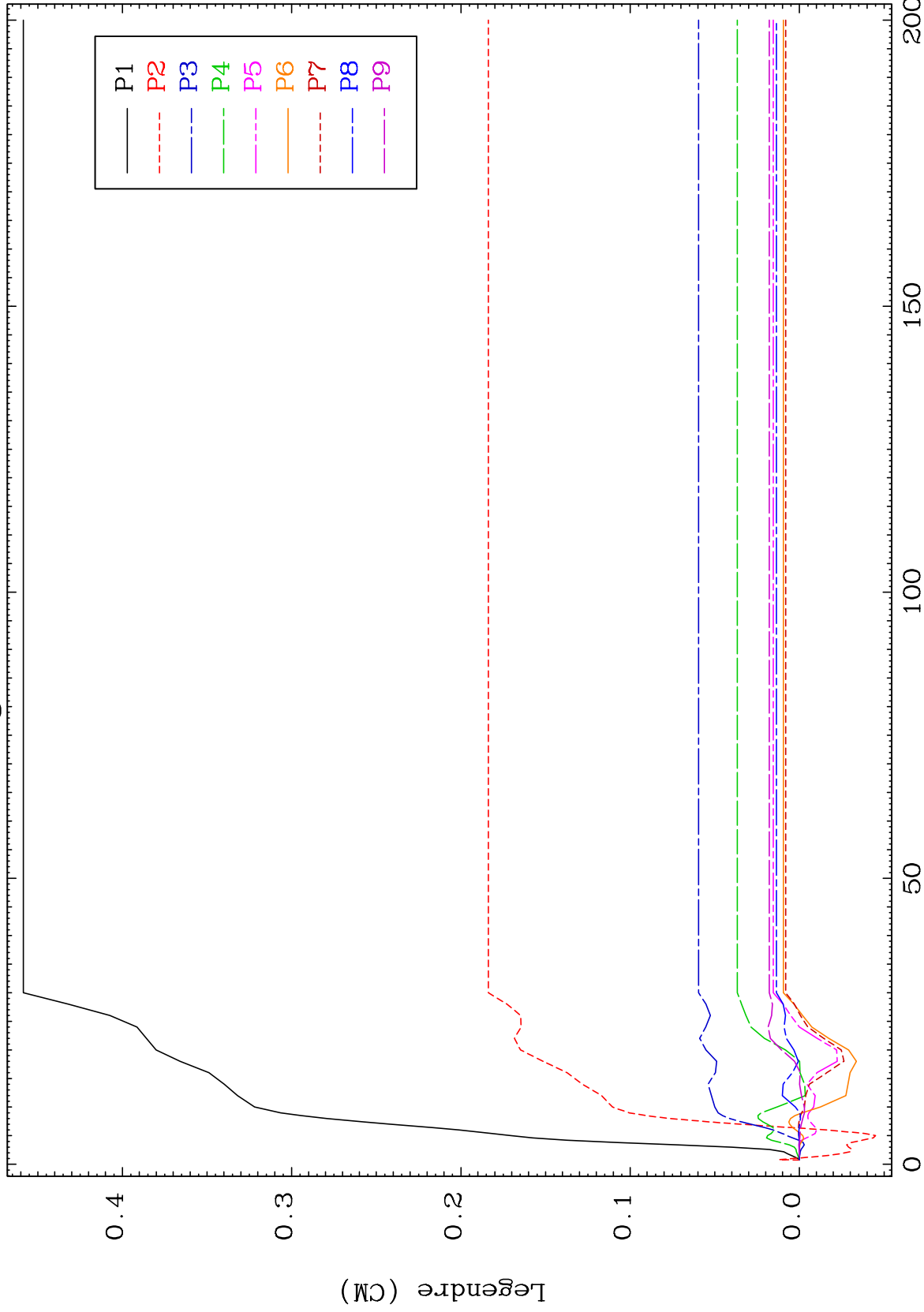
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



56

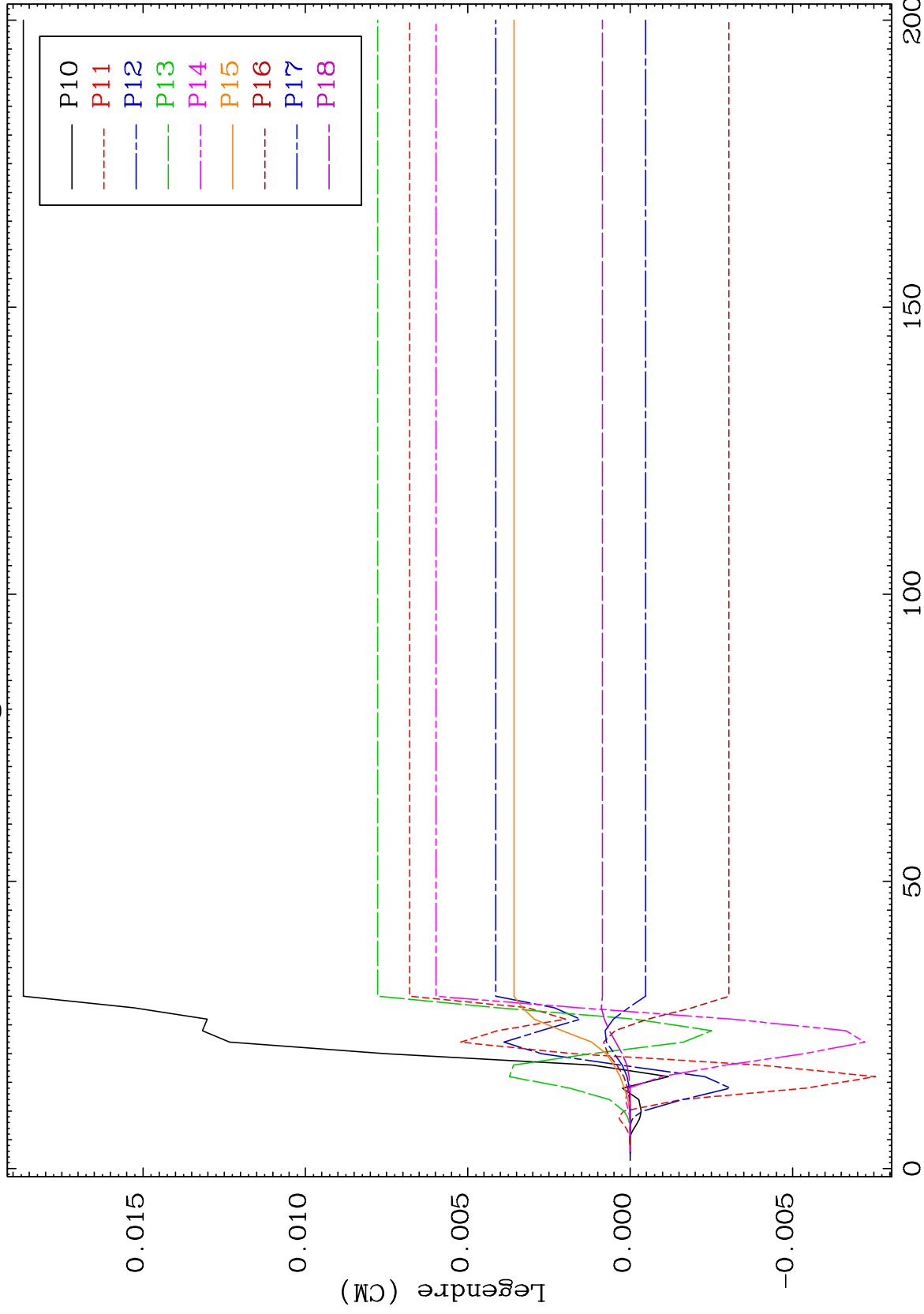
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



57

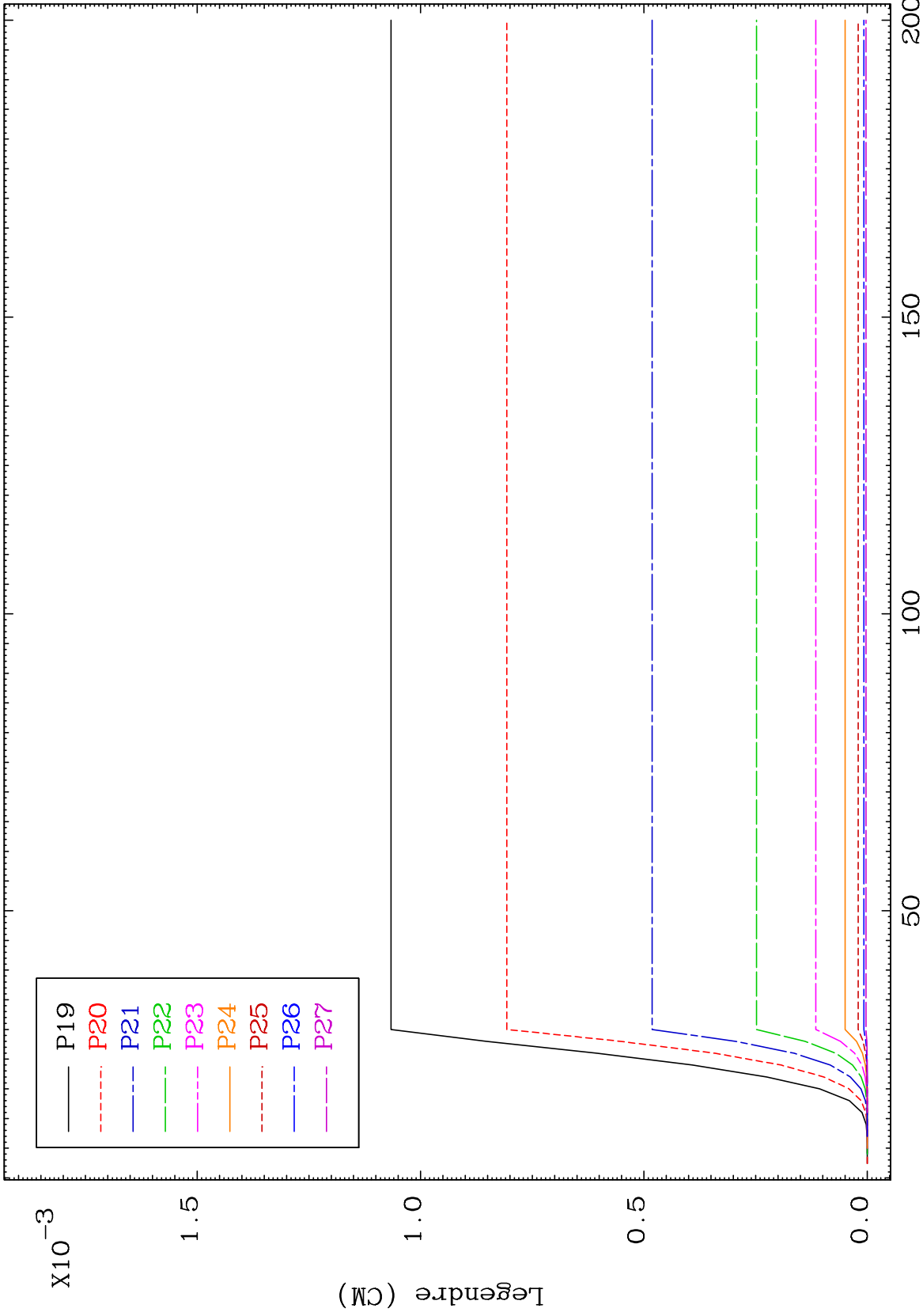
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



58

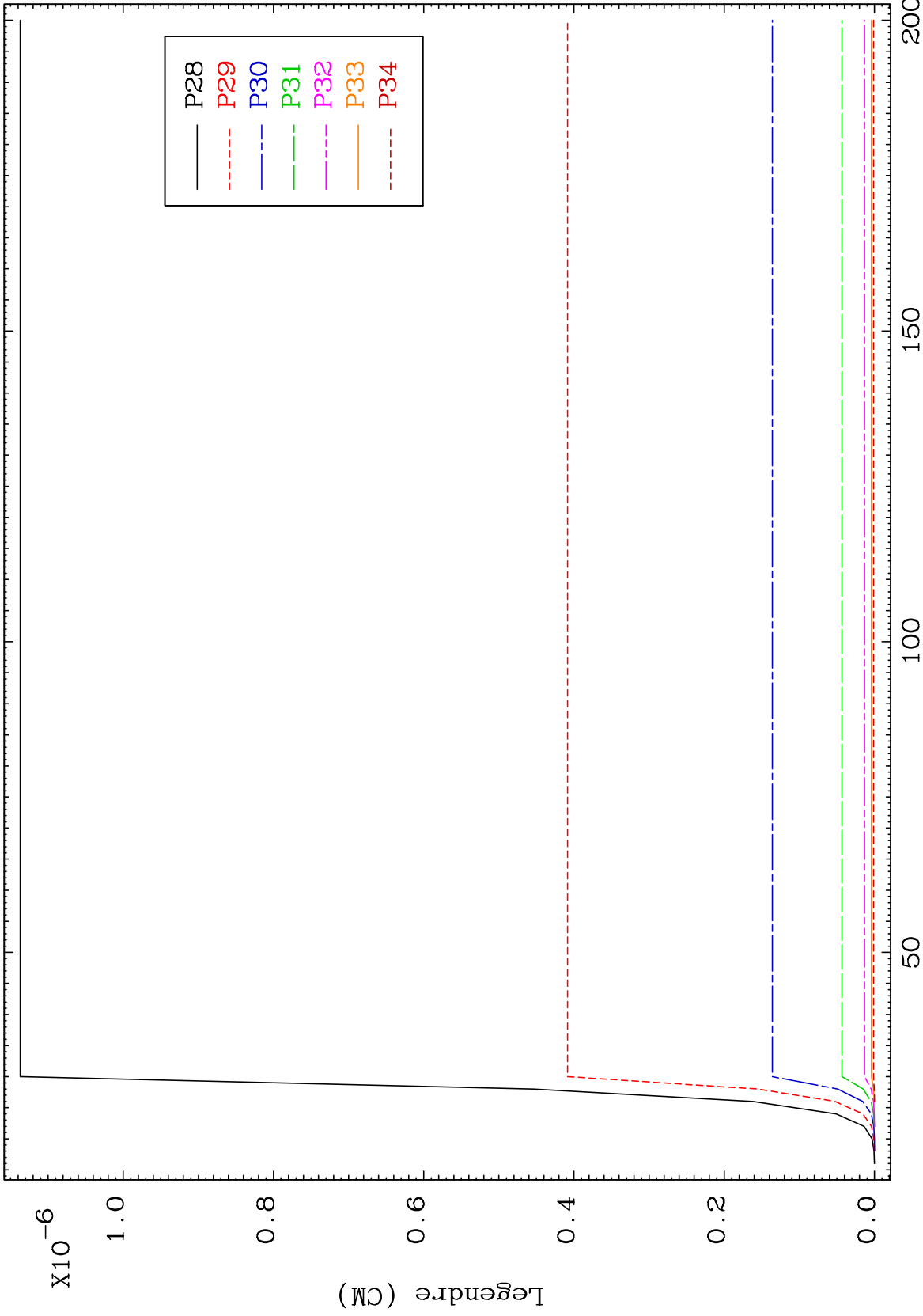
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115

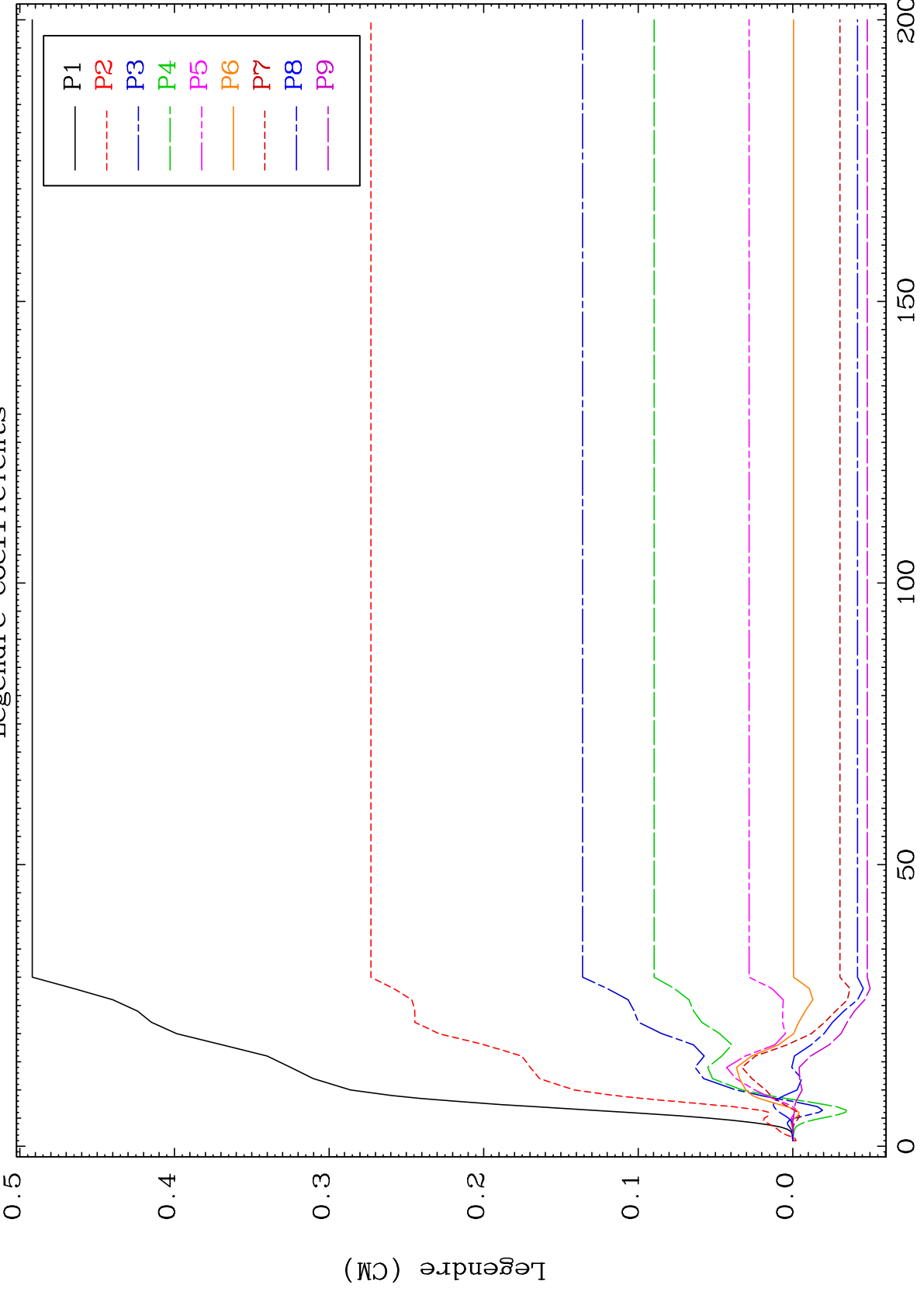


59

Incident Energy (MeV)

45-Rh-115

MAT 4561 MT= 61 (n,n') Level Legendre Coefficients 45-Rh-115

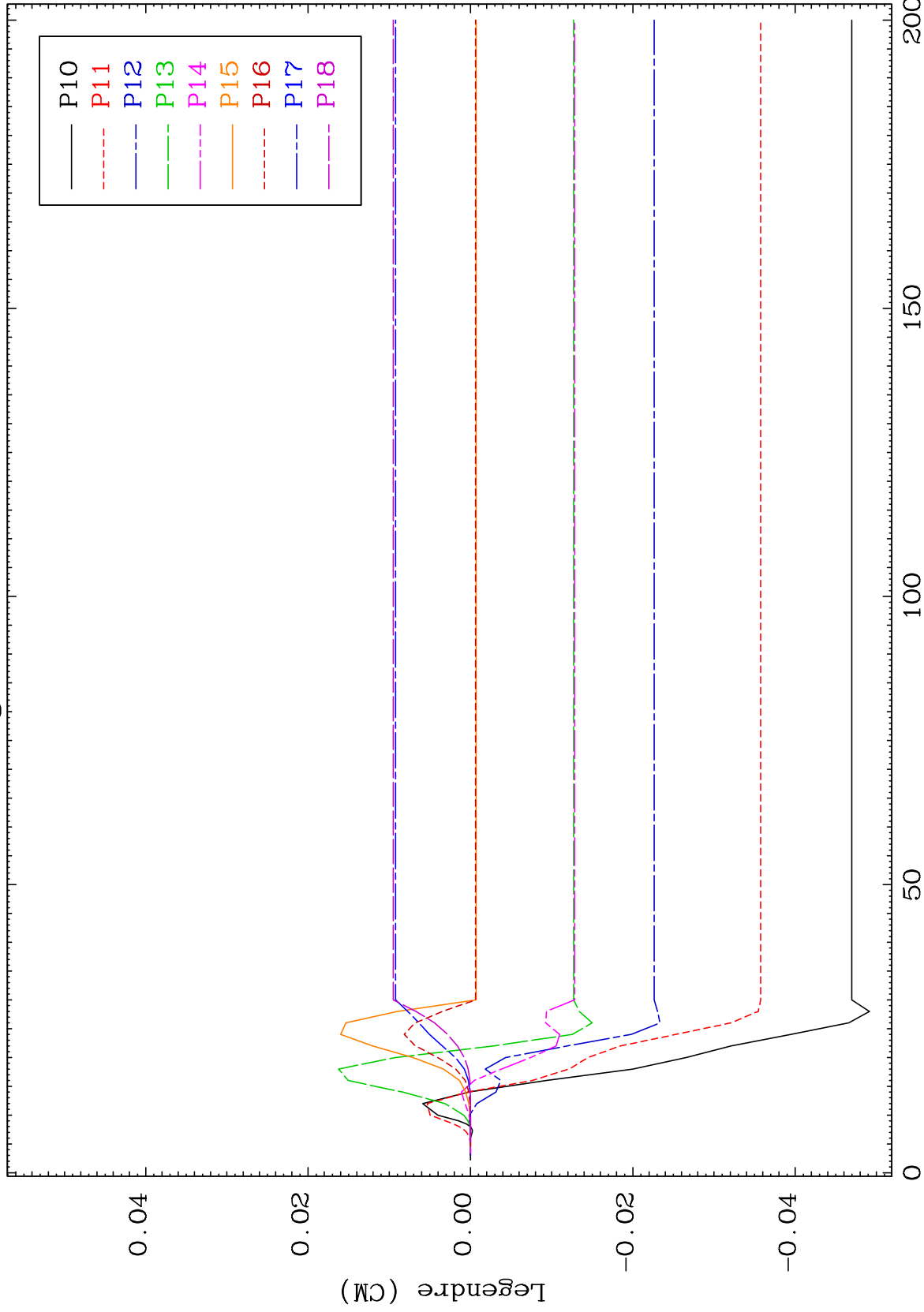


Legendre (CM) Incident Energy (MeV) 45-Rh-115

MAT 4561

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

45-Rh-115



61

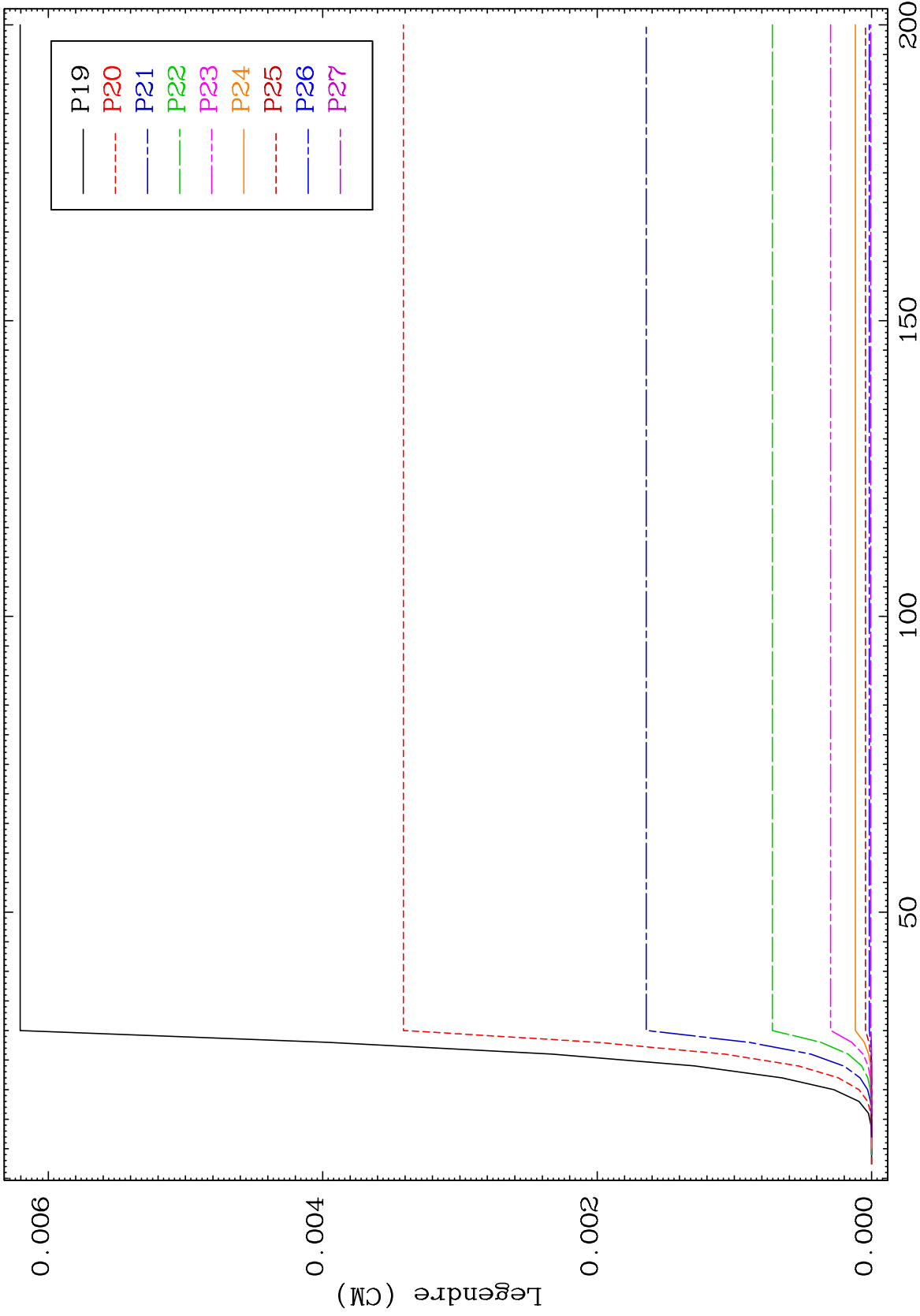
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



62

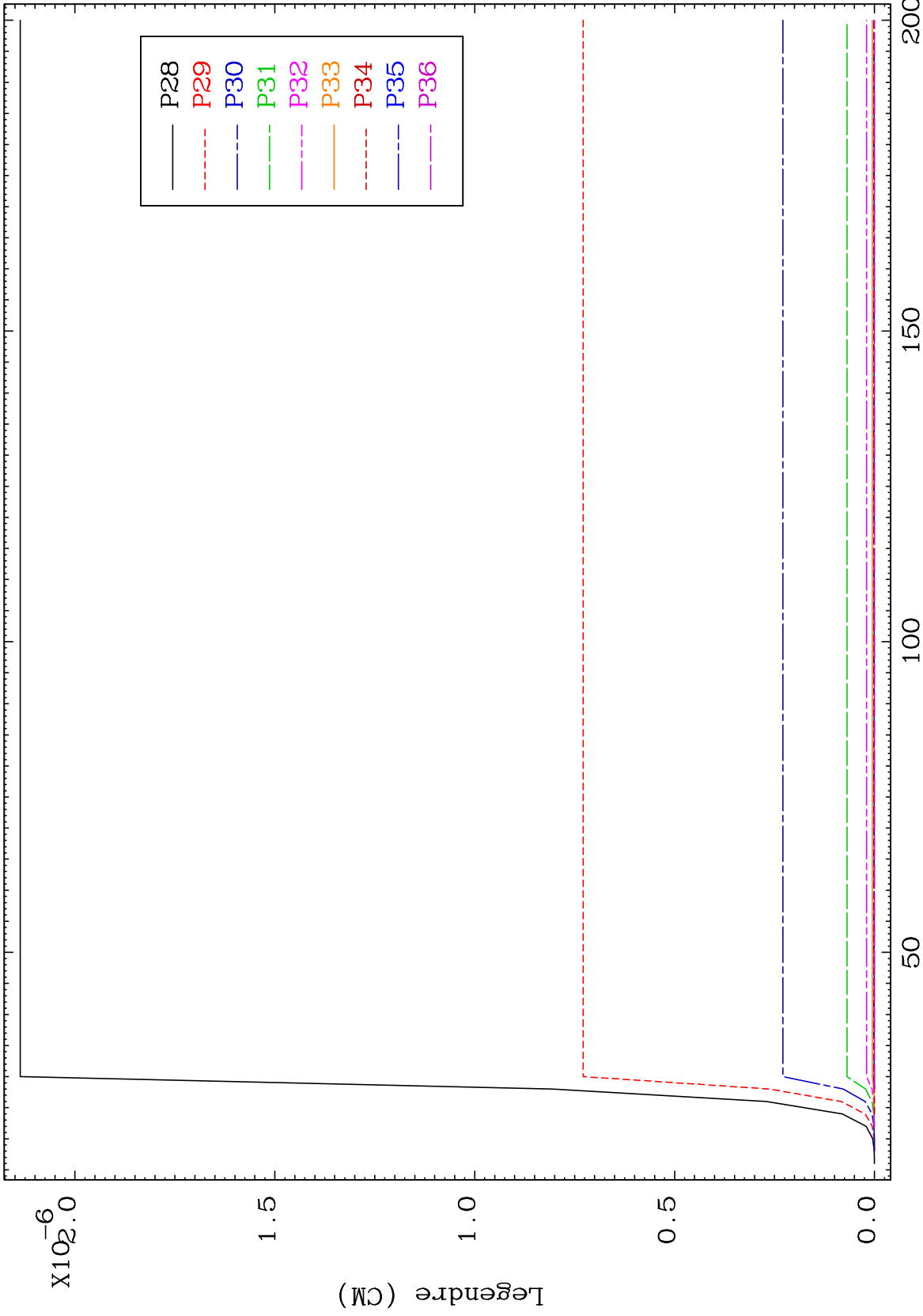
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



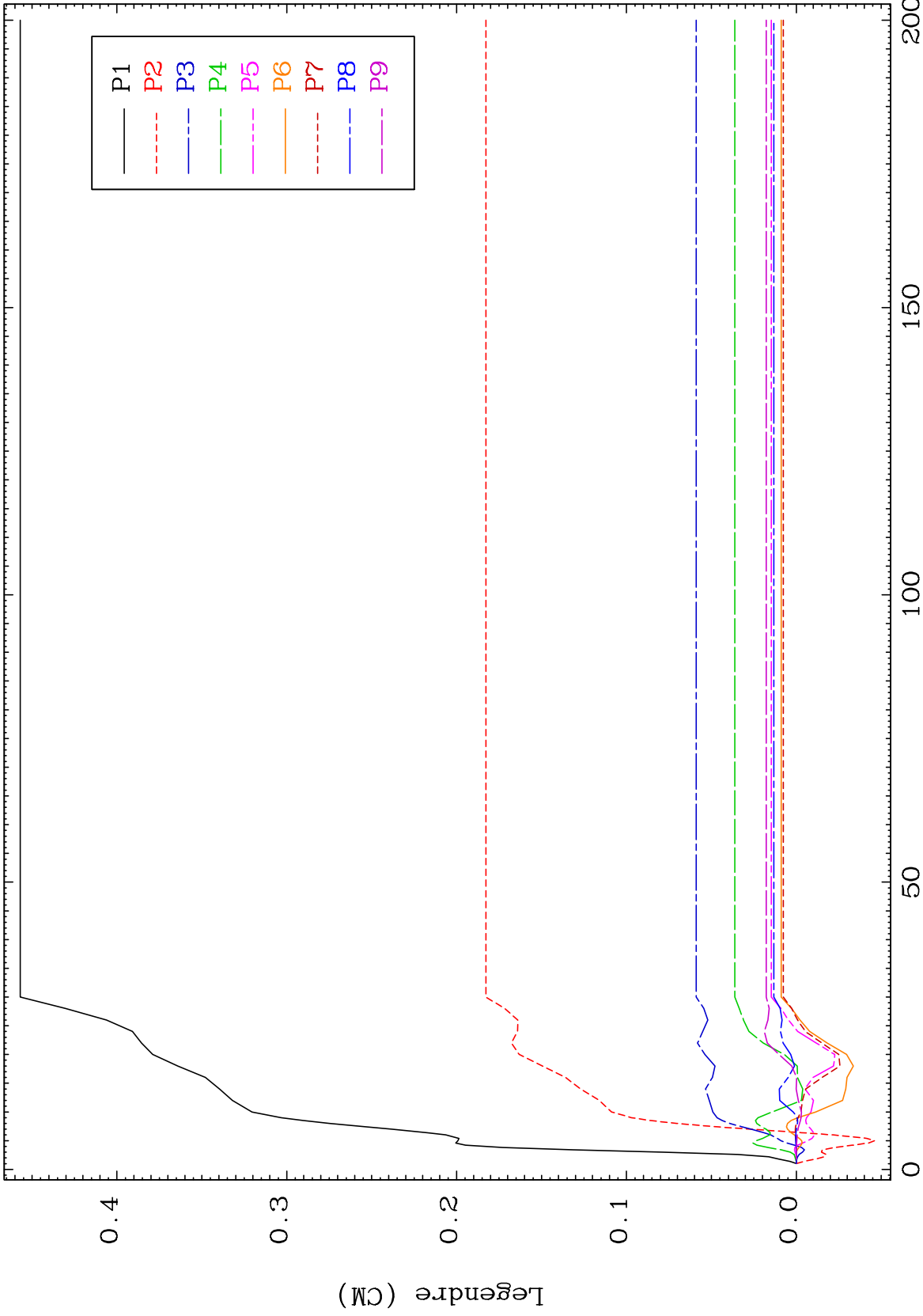
63

45-Rh-115

MAT 4561

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

45-Rh-115



64

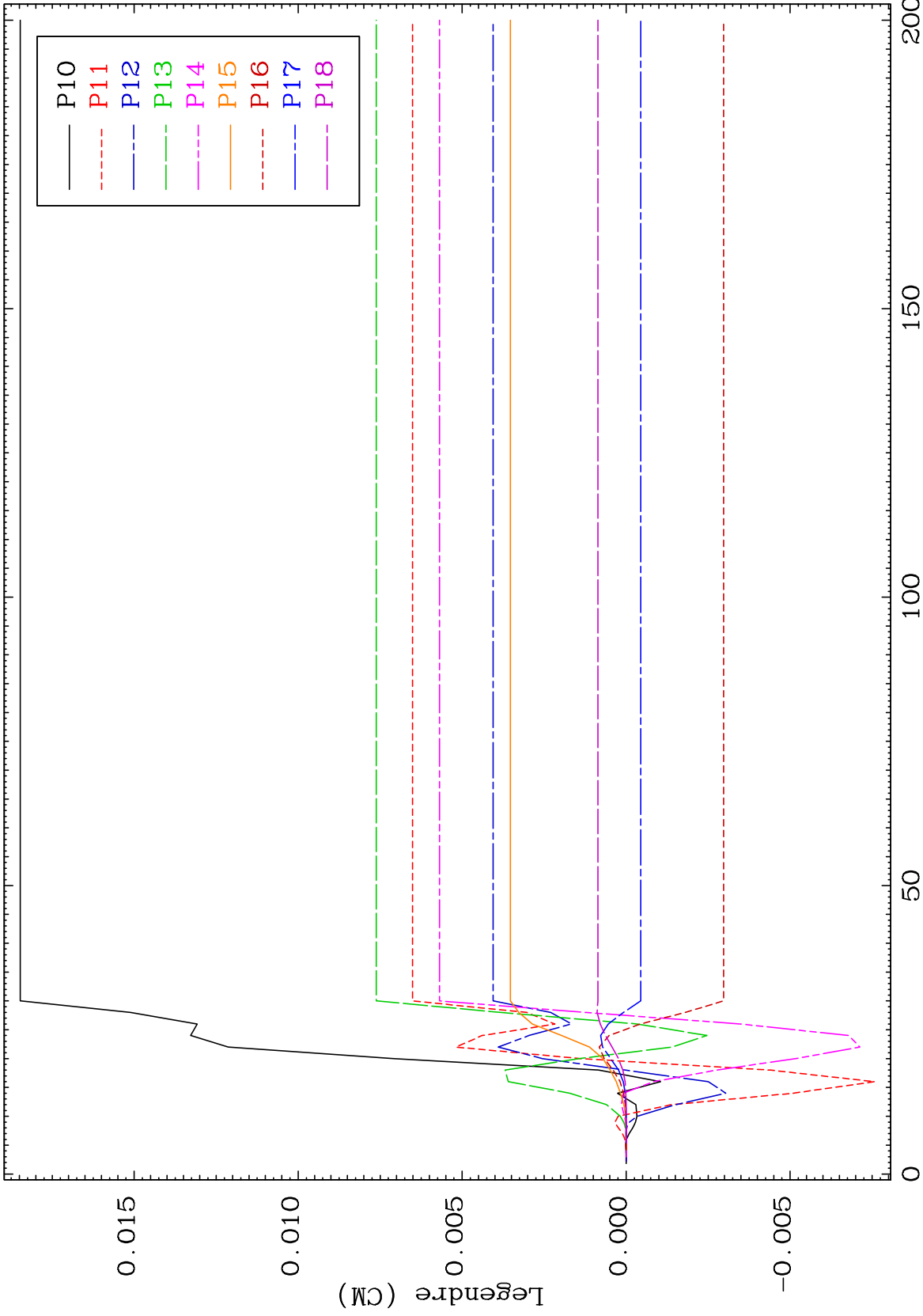
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

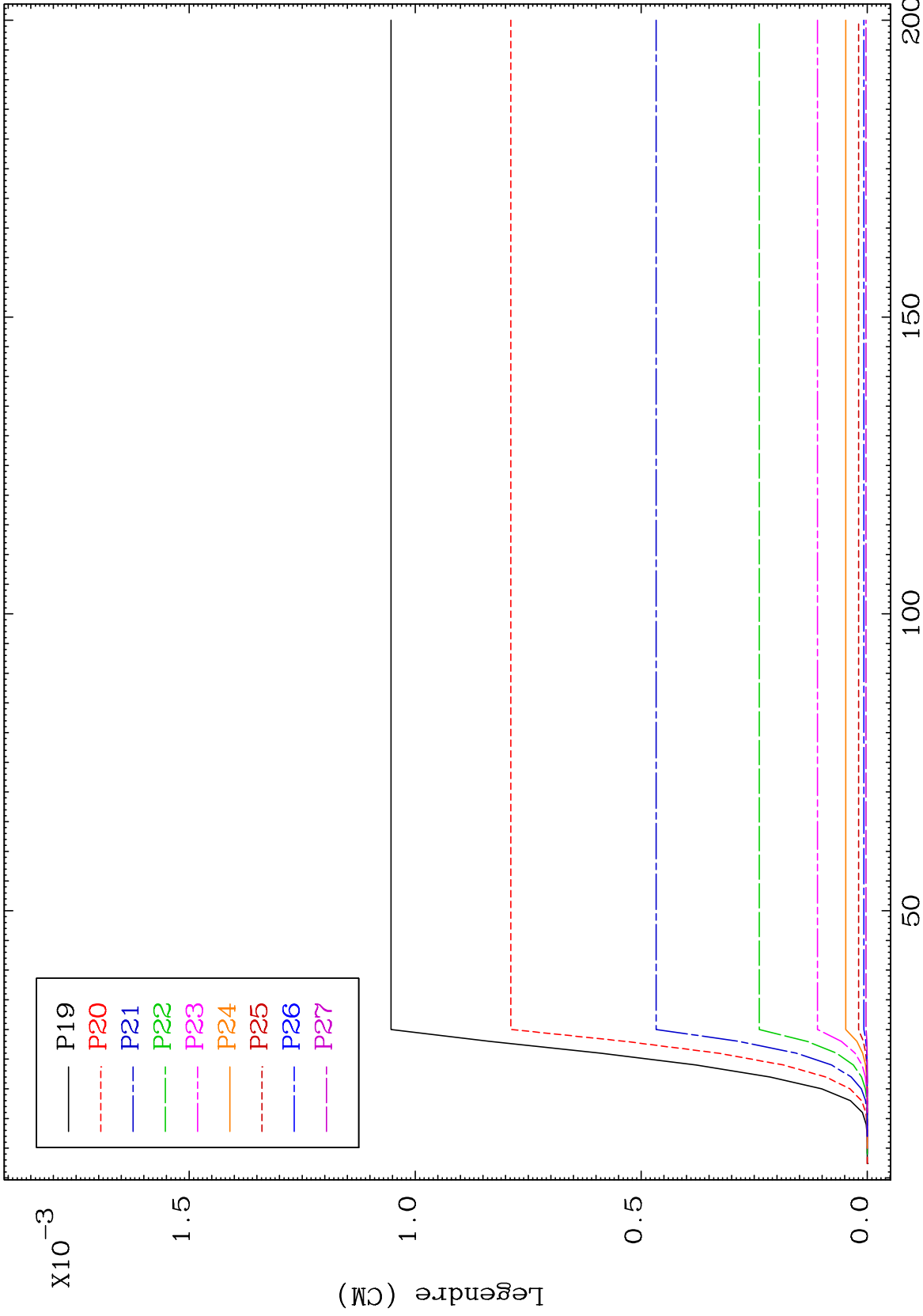
45-Rh-115



65

Incident Energy (MeV)

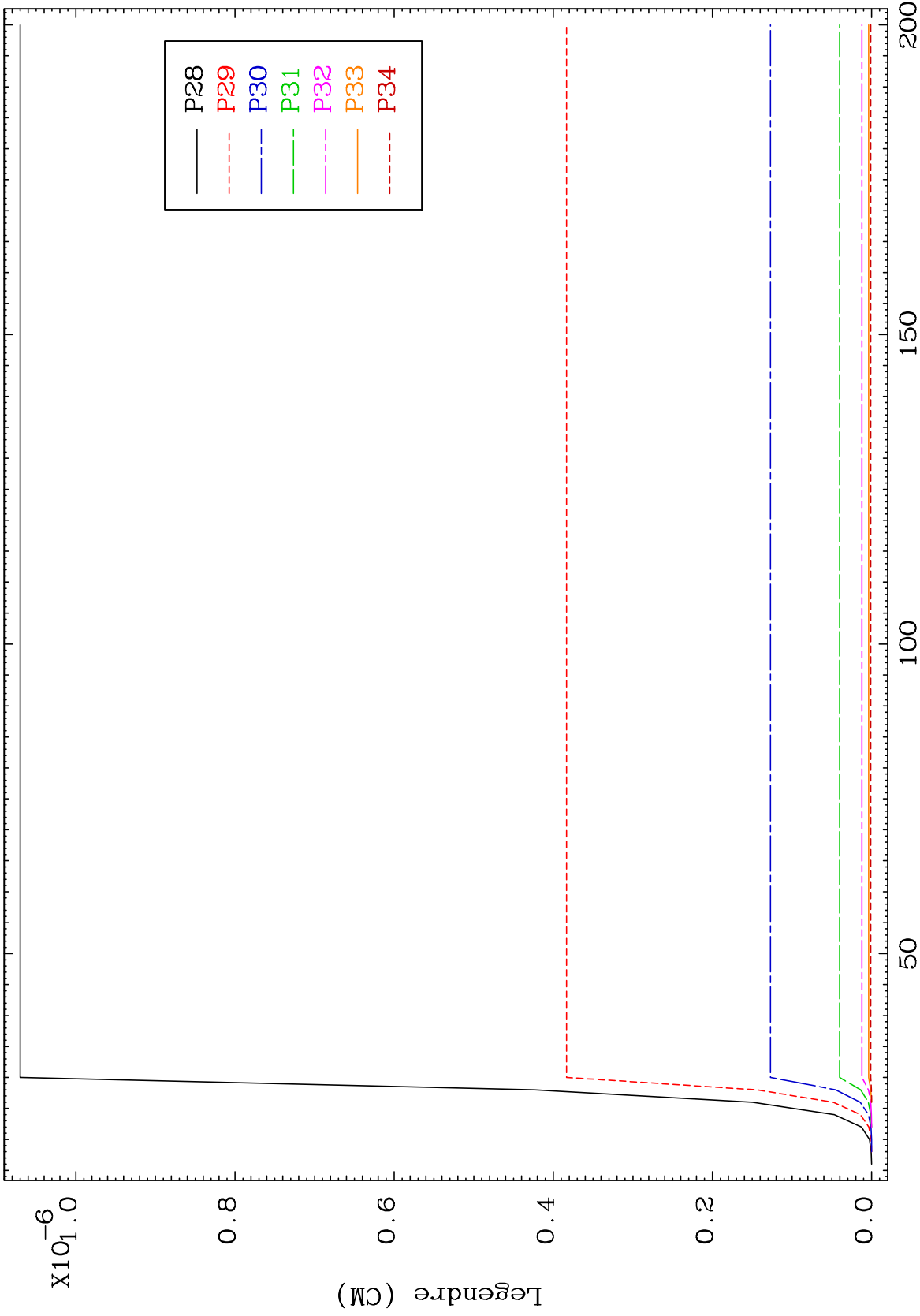
45-Rh-115



MAT 4561

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

45-Rh-115



67

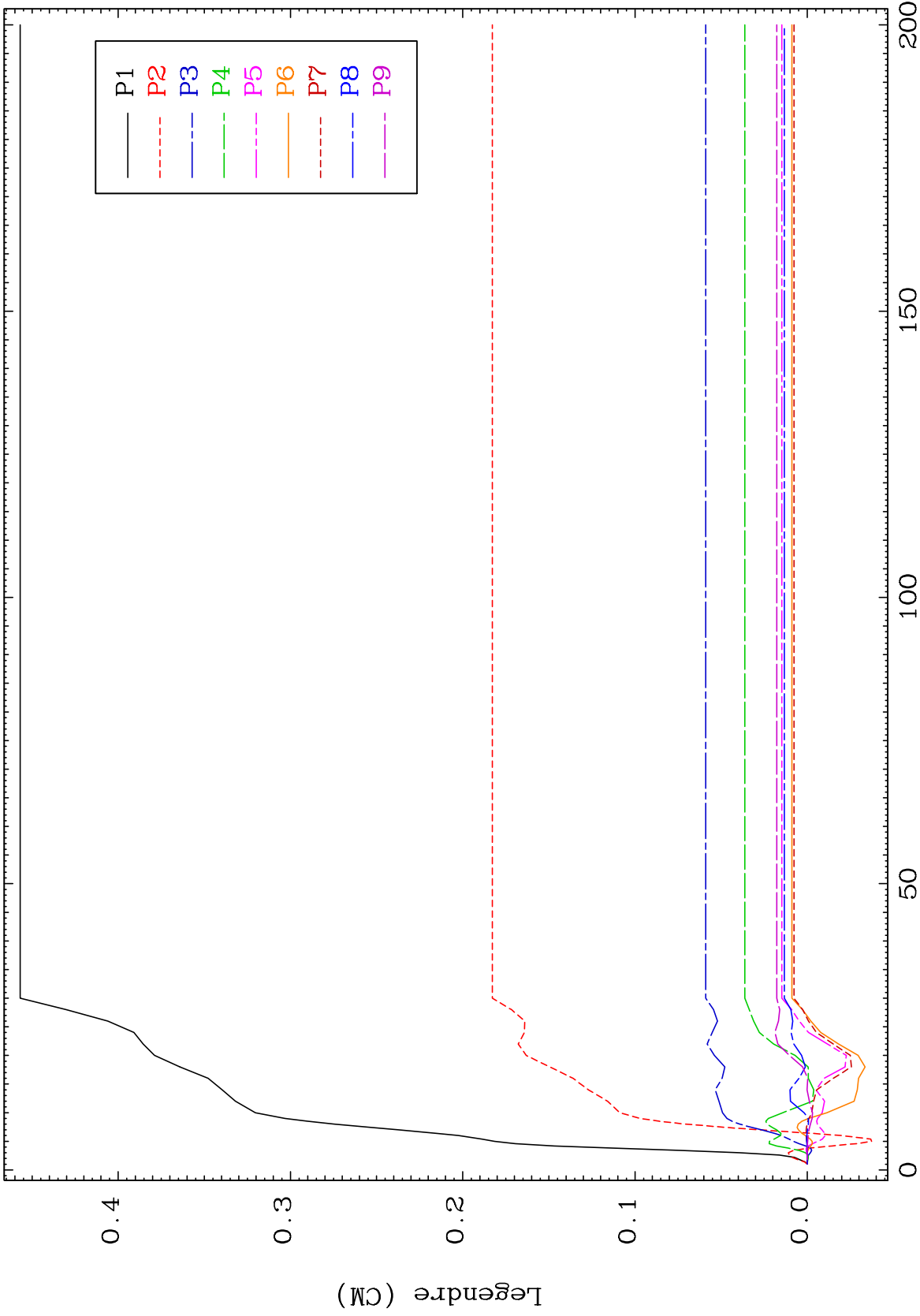
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



68

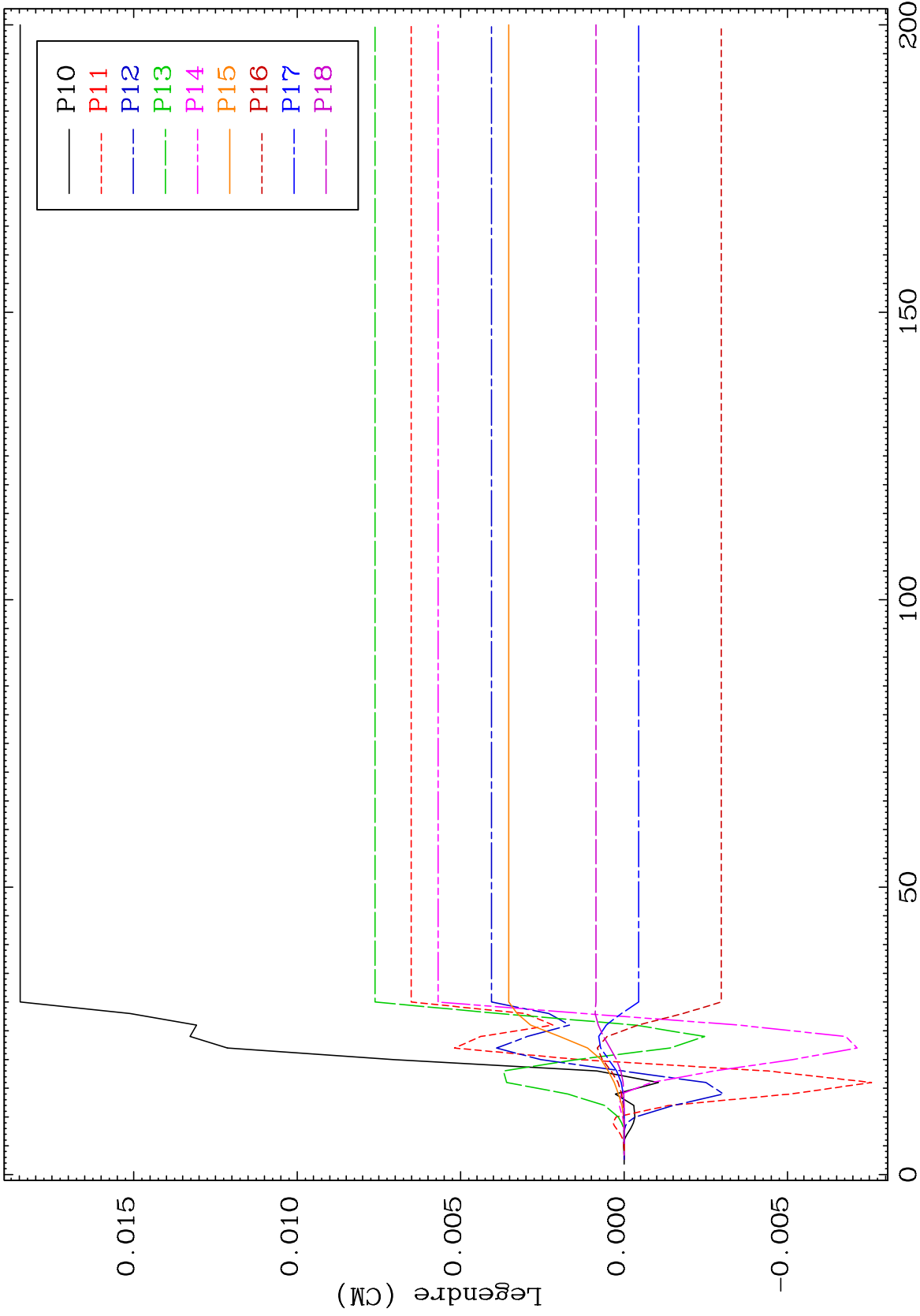
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



69

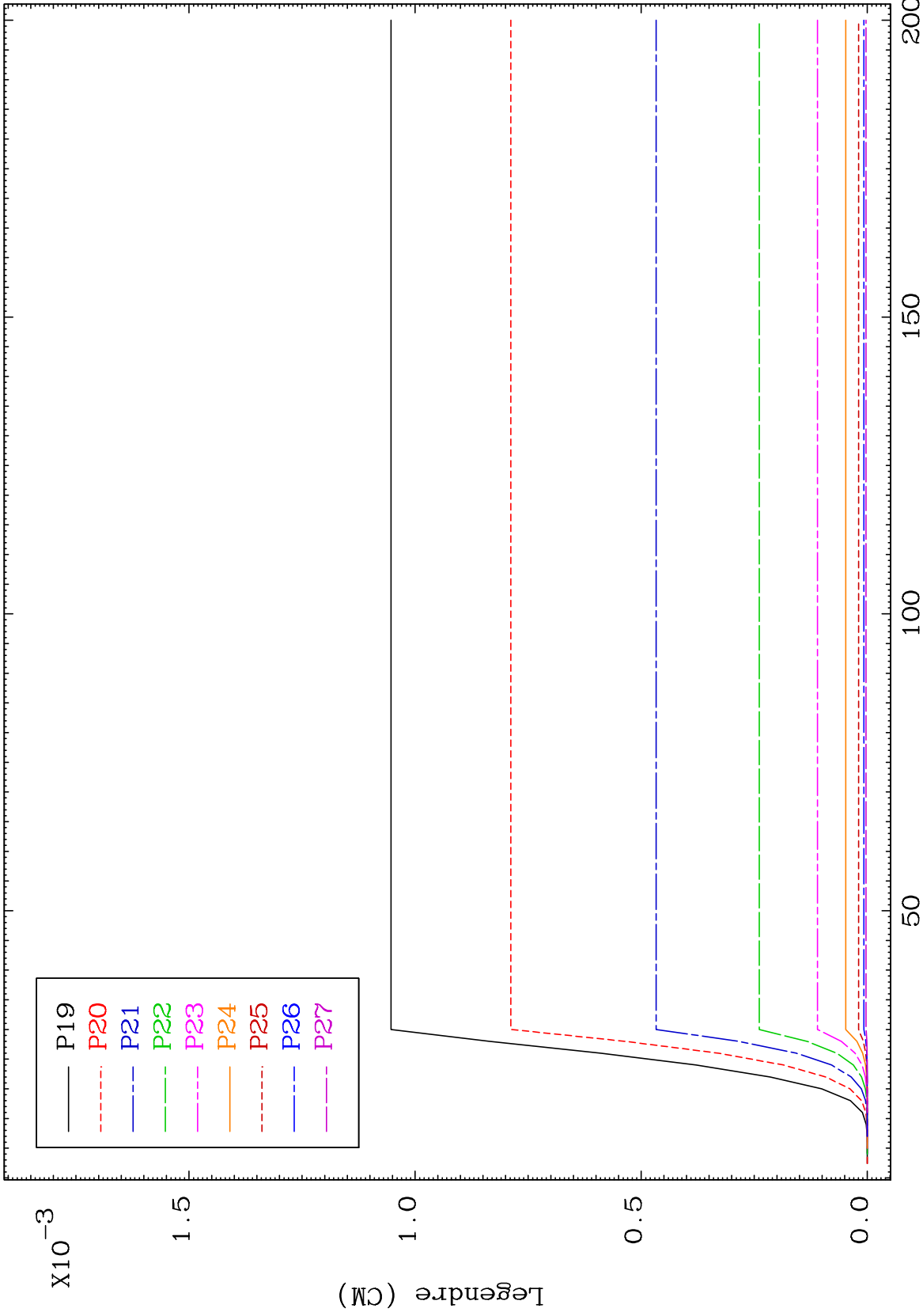
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



70

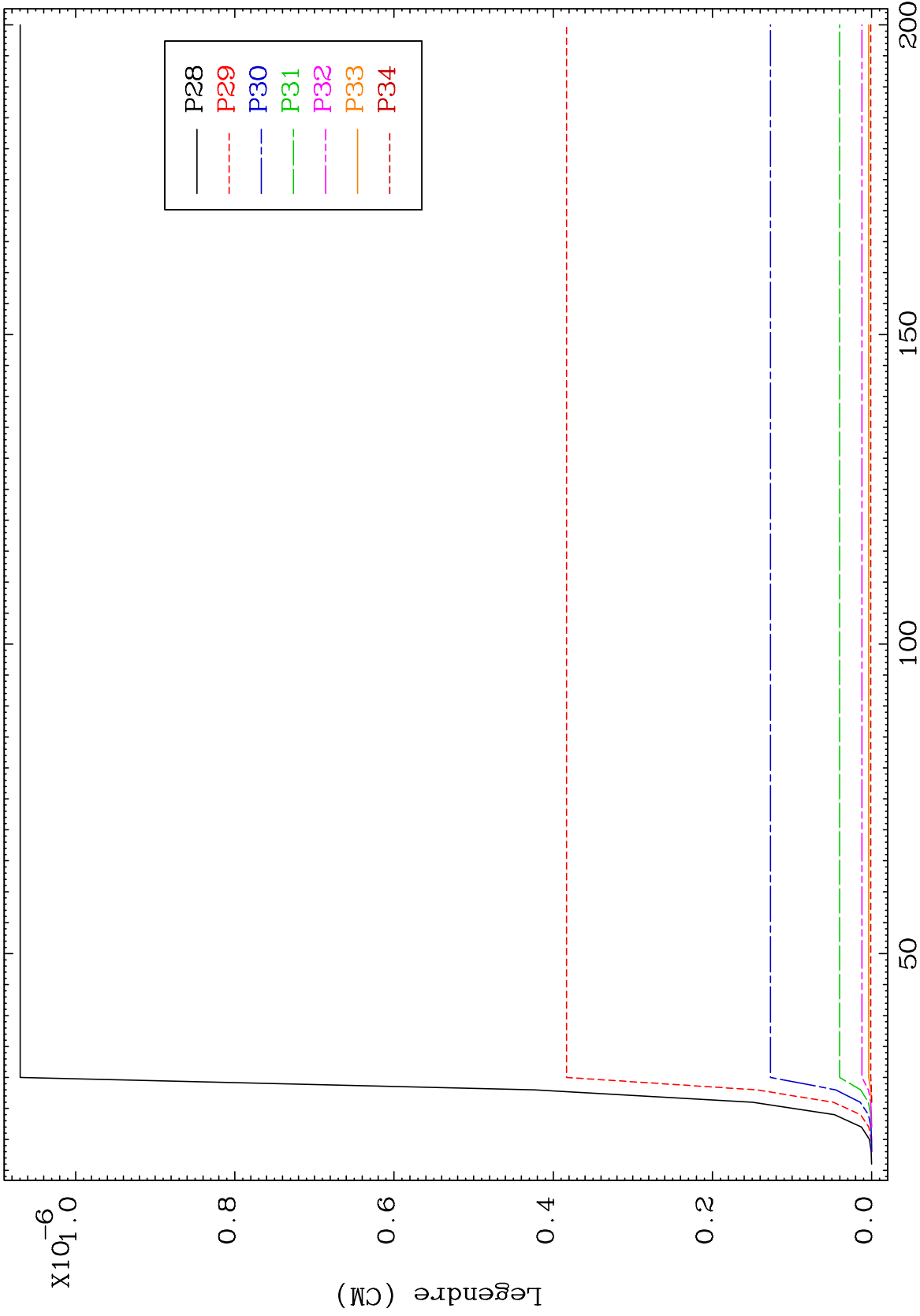
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



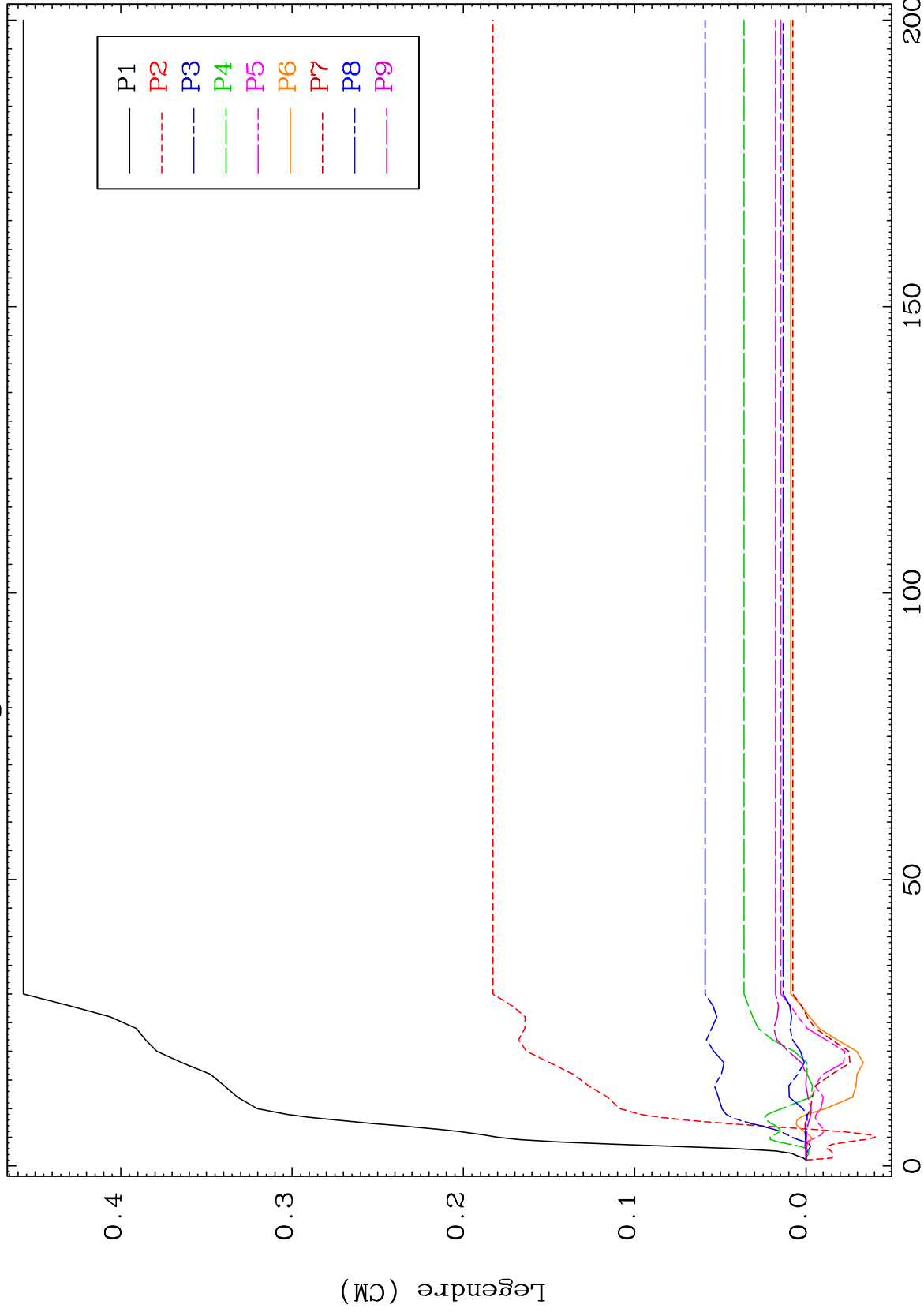
71

45-Rh-115

MAT 4561

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

45-Rh-115



72

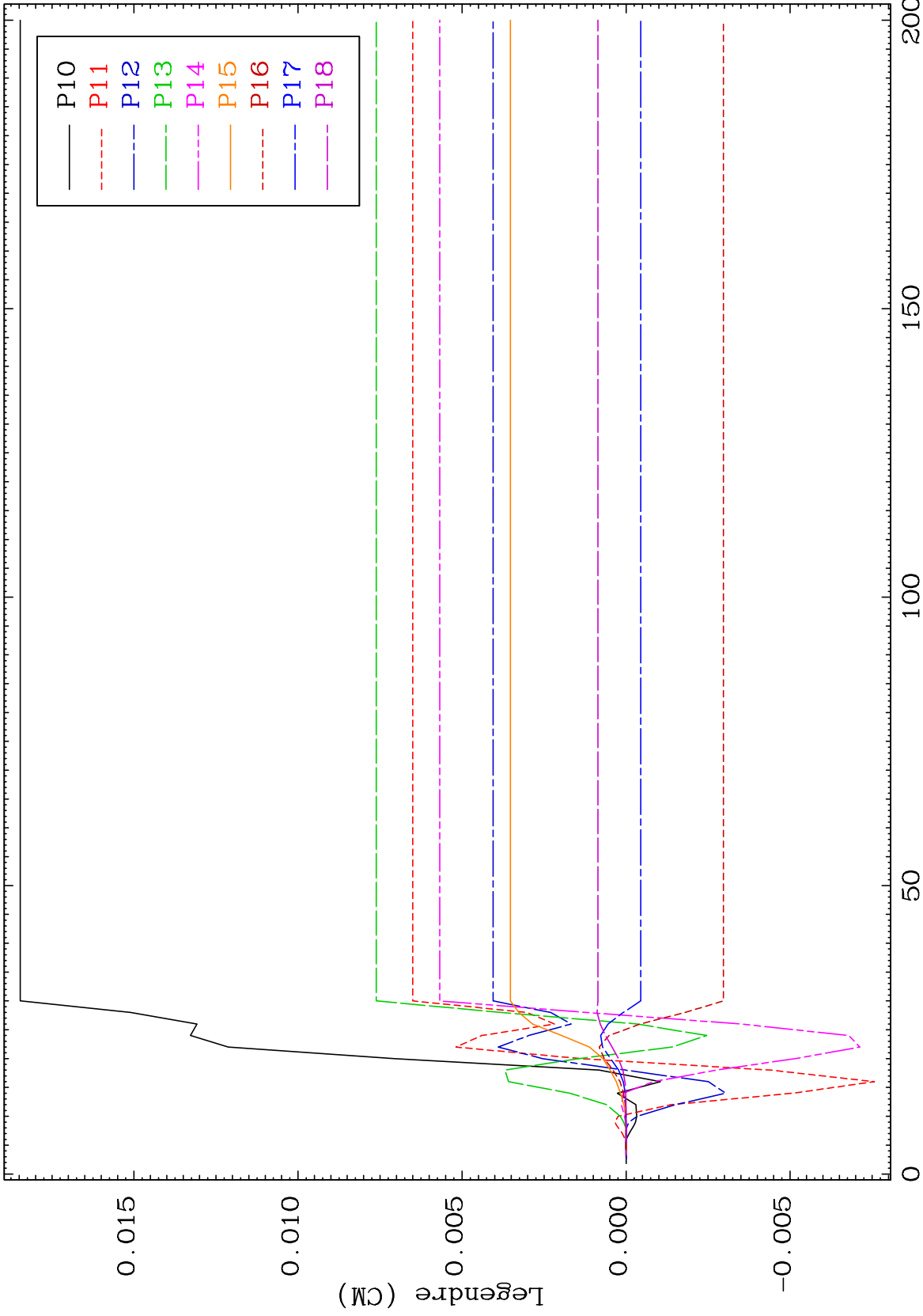
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



73

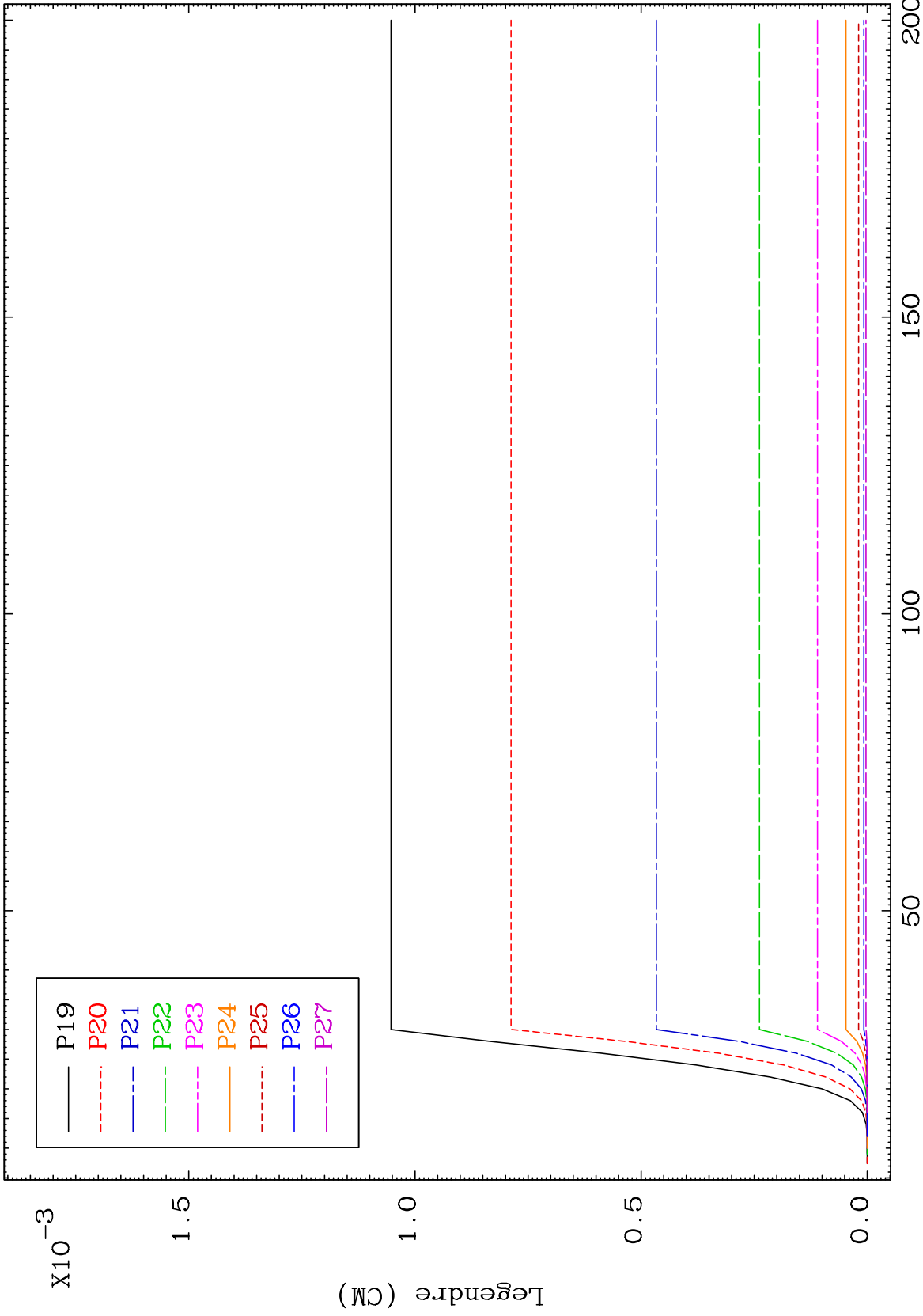
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



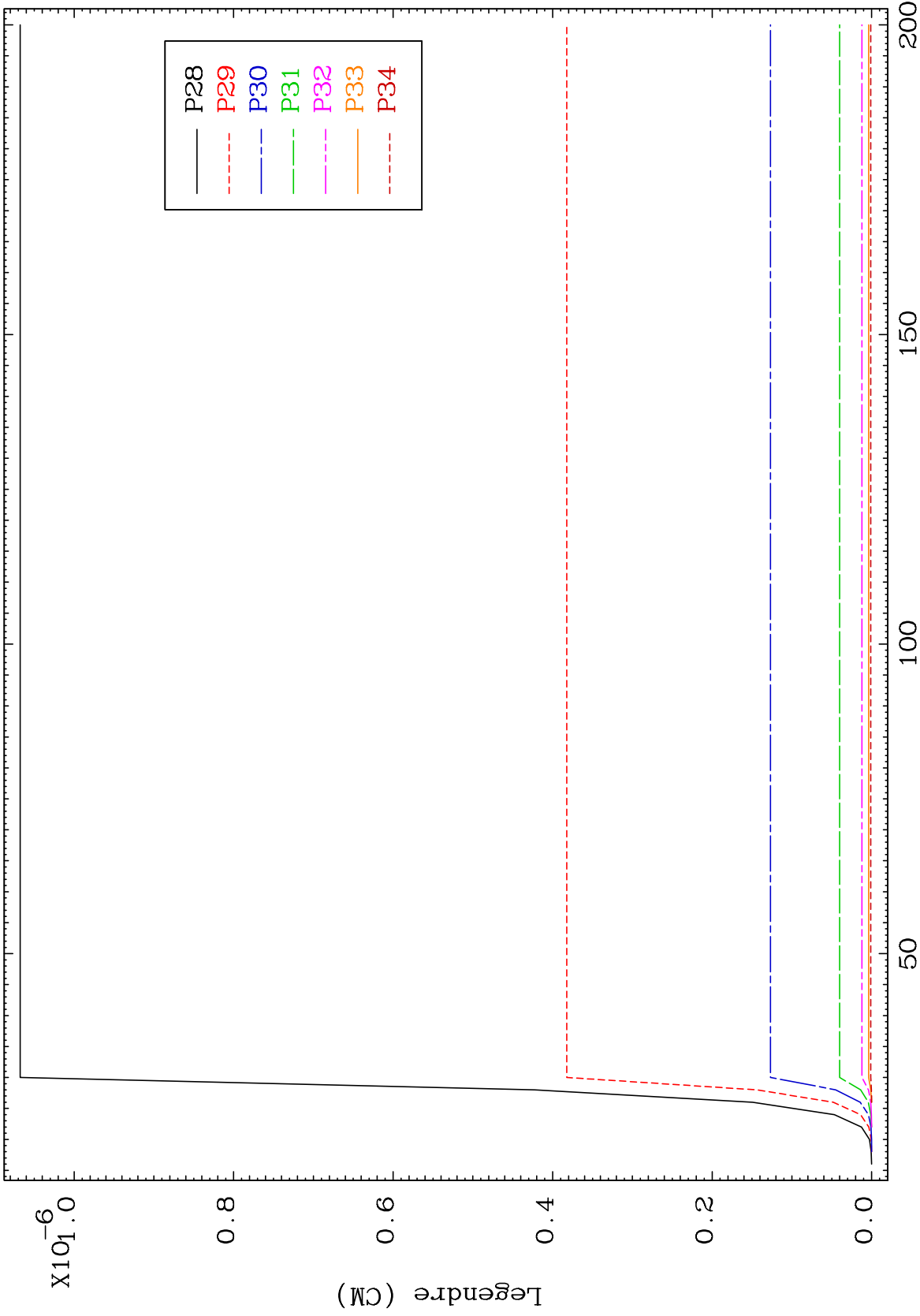
74

45-Rh-115

MAT 4561

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

45-Rh-115

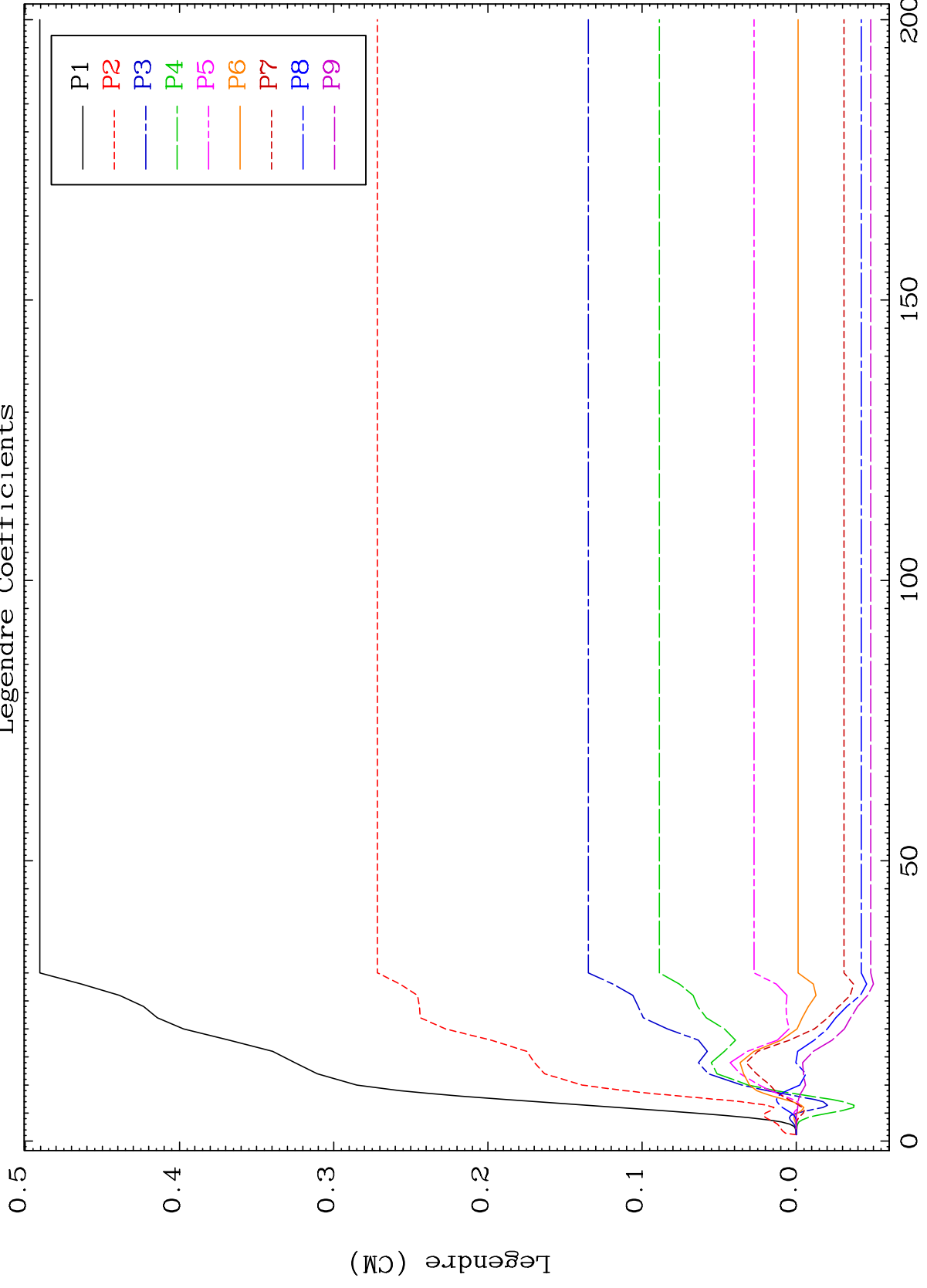


75

Incident Energy (MeV)

45-Rh-115

MAT 4561 MT= 65 (n,n') Level Legendre Coefficients 45-Rh-115



76

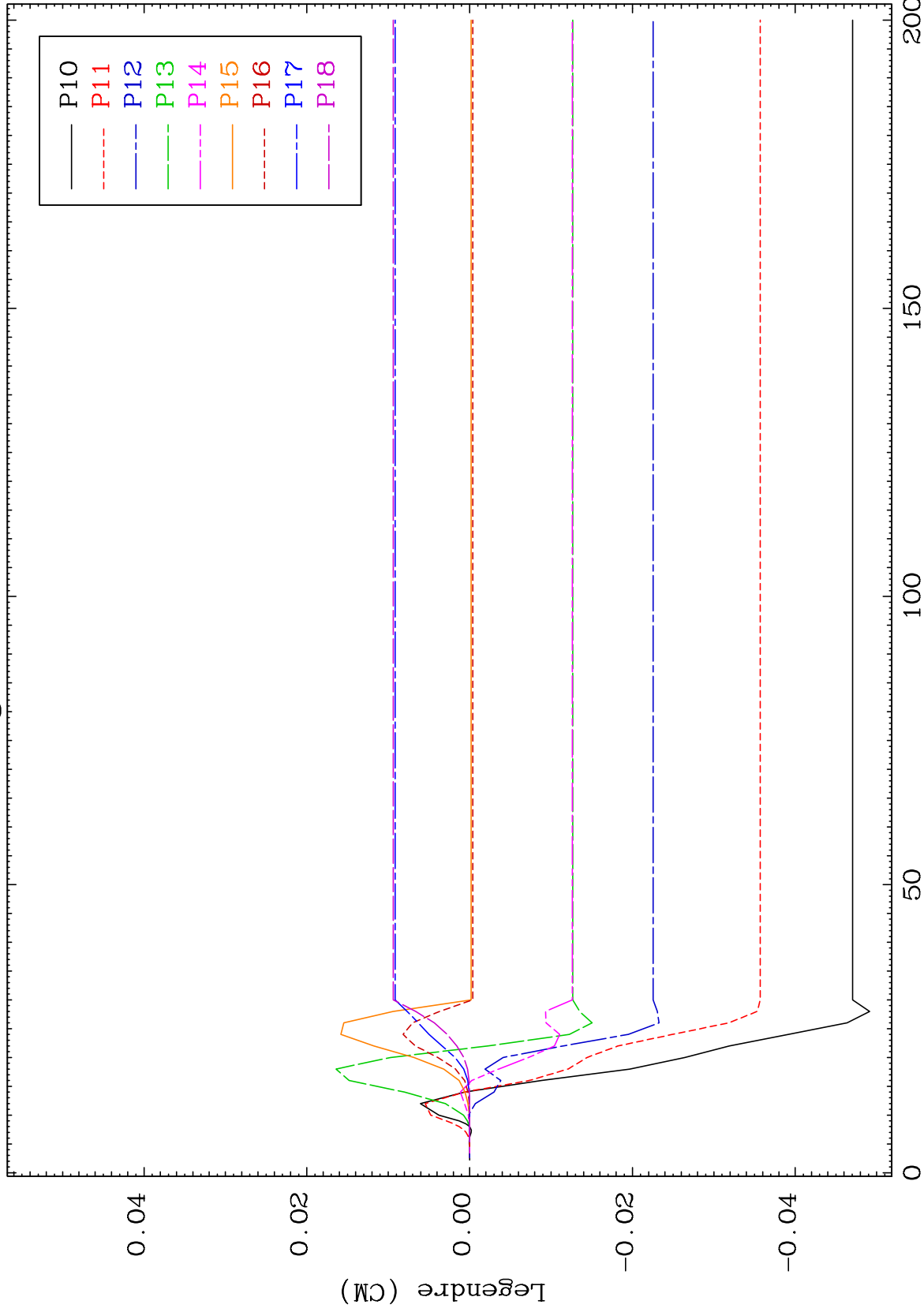
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



77

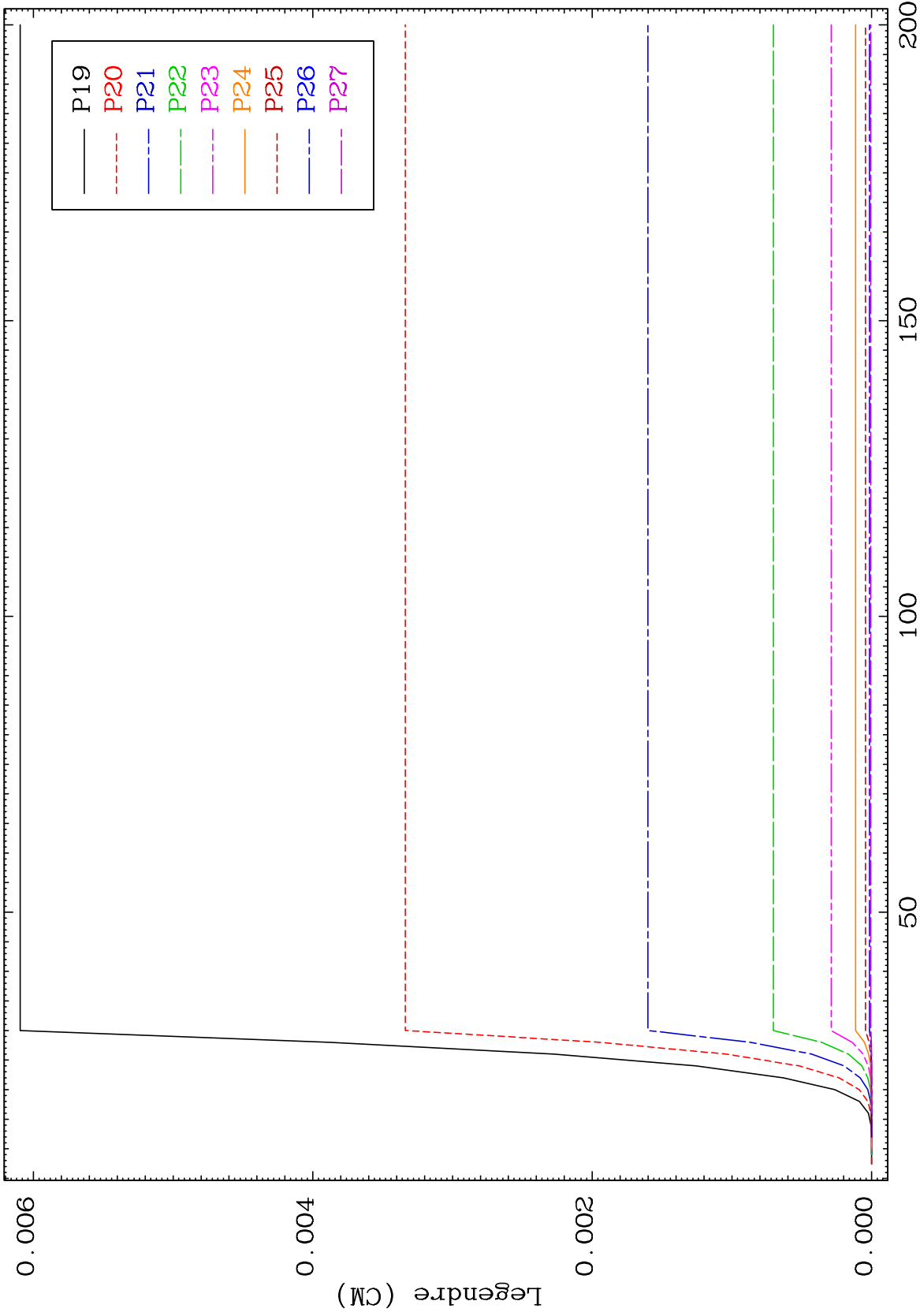
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



78

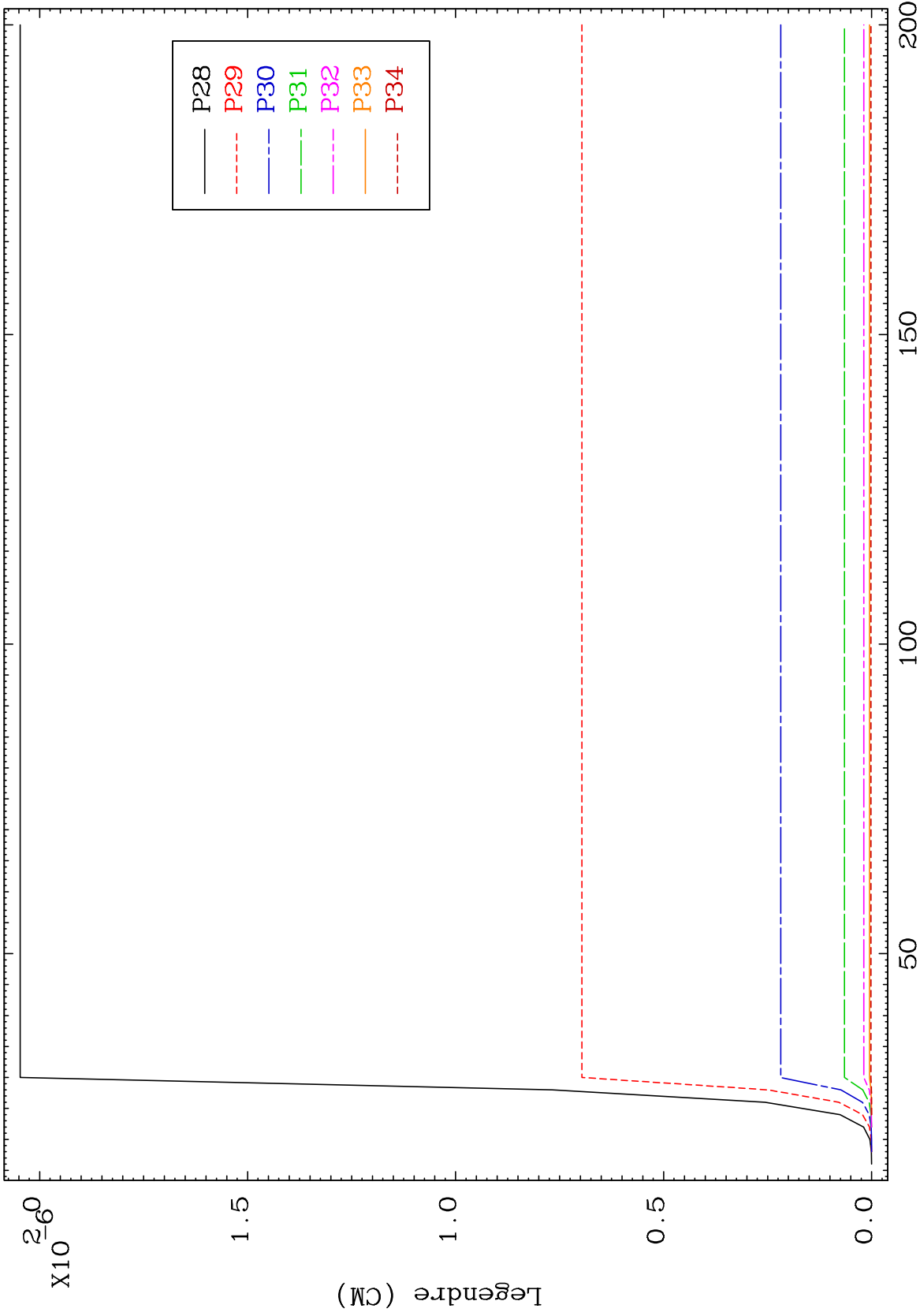
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



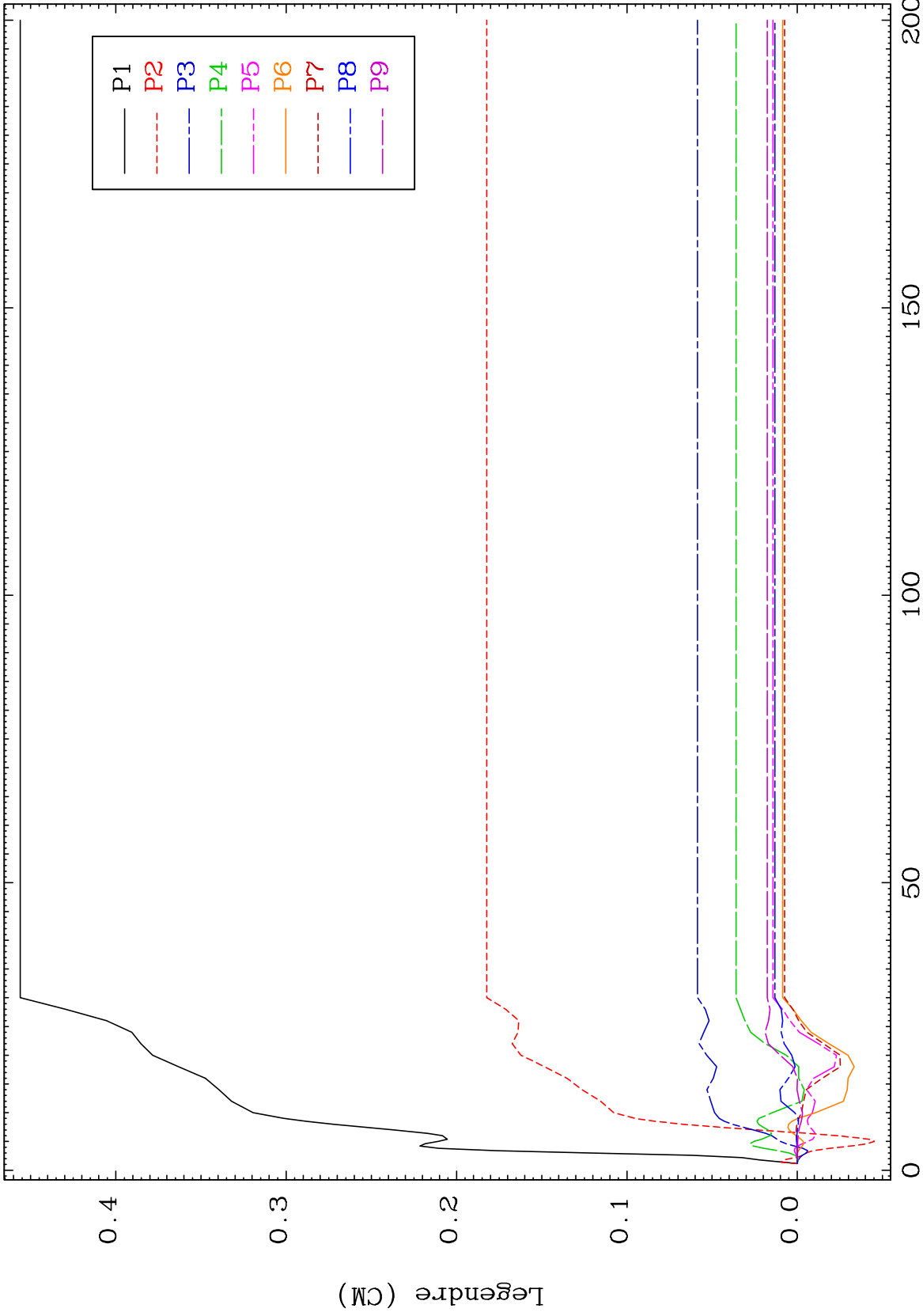
79

45-Rh-115

MAT 4561

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

45-Rh-115



80

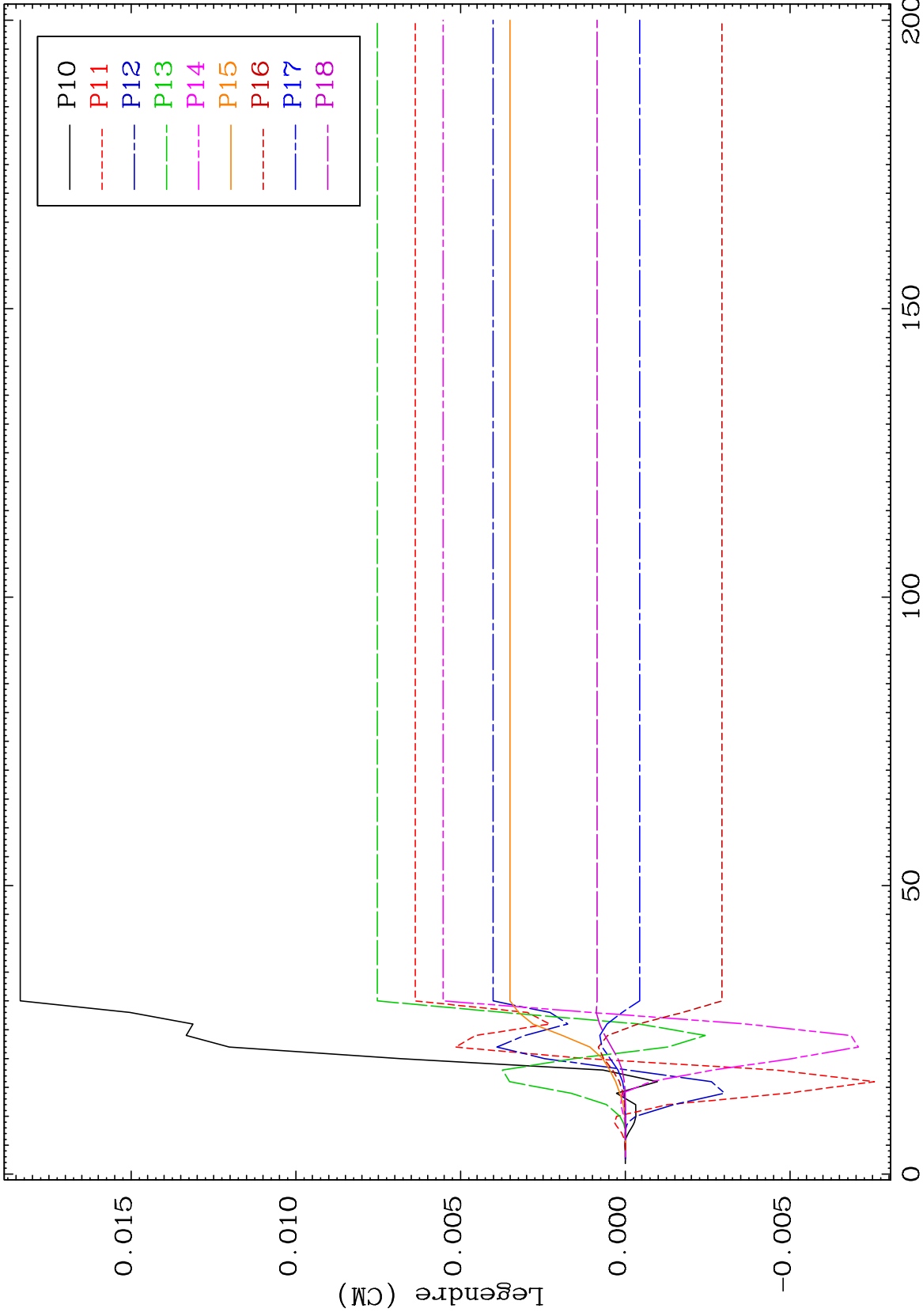
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



81

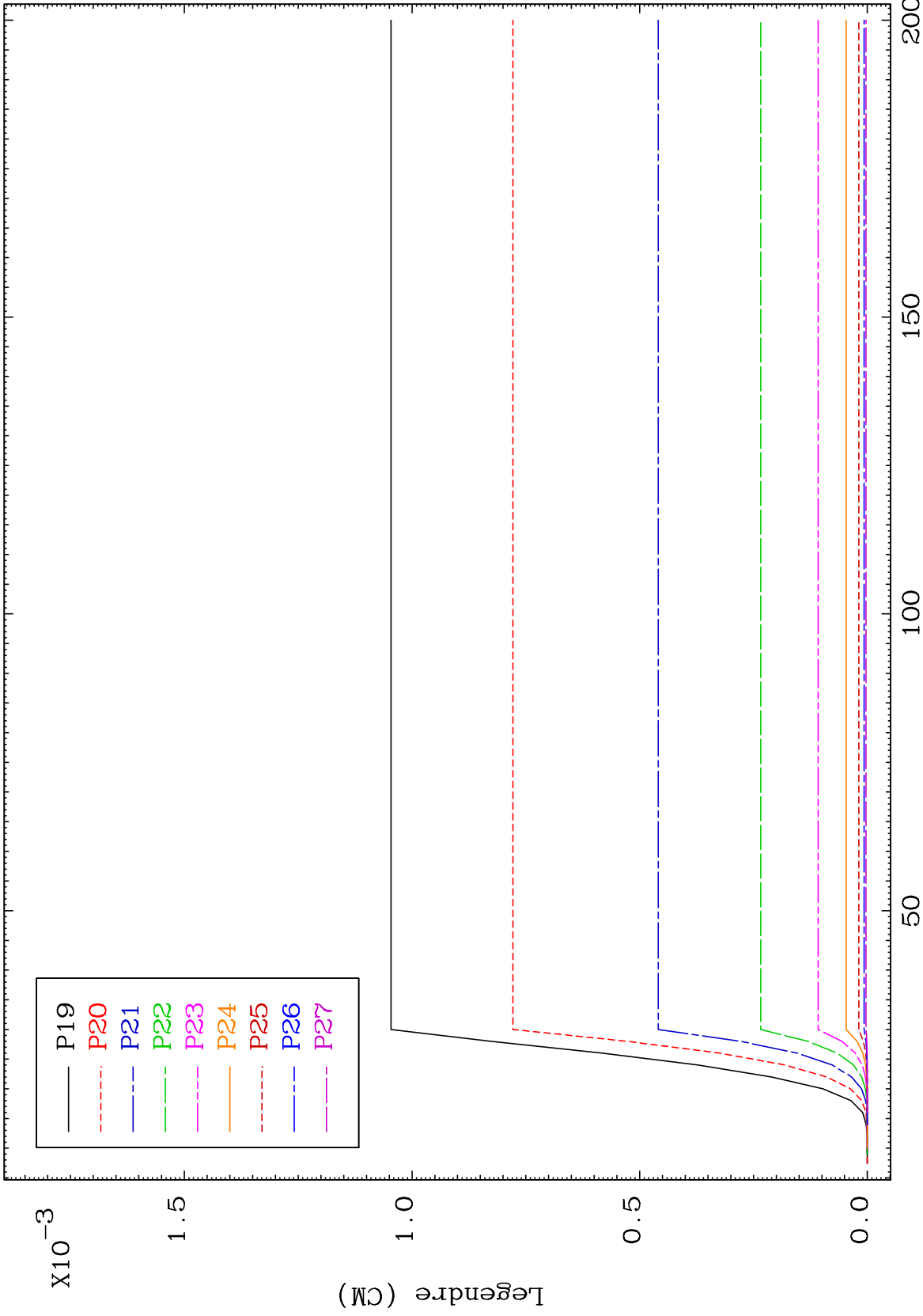
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



82

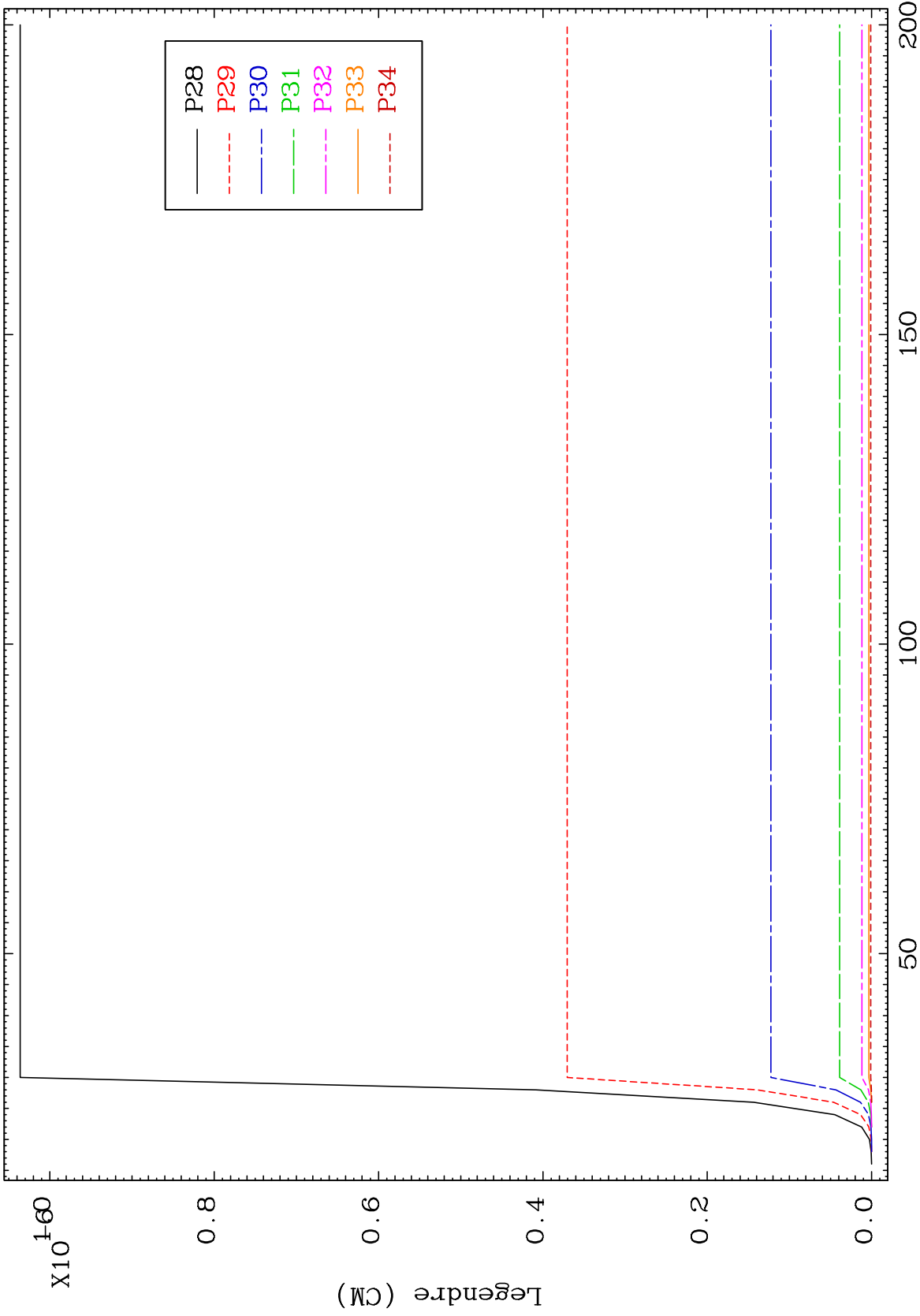
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115

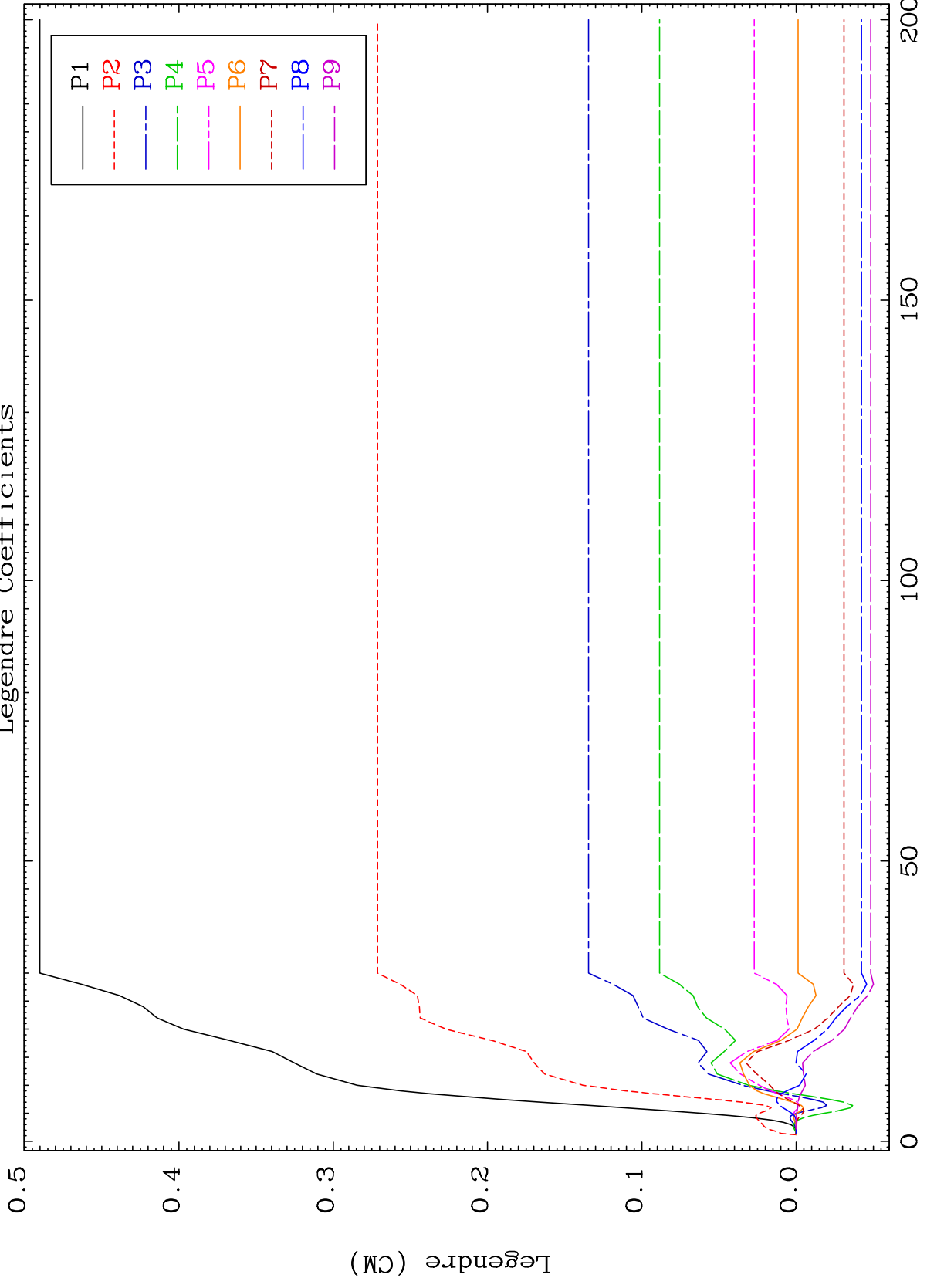


83

Incident Energy (MeV)

45-Rh-115

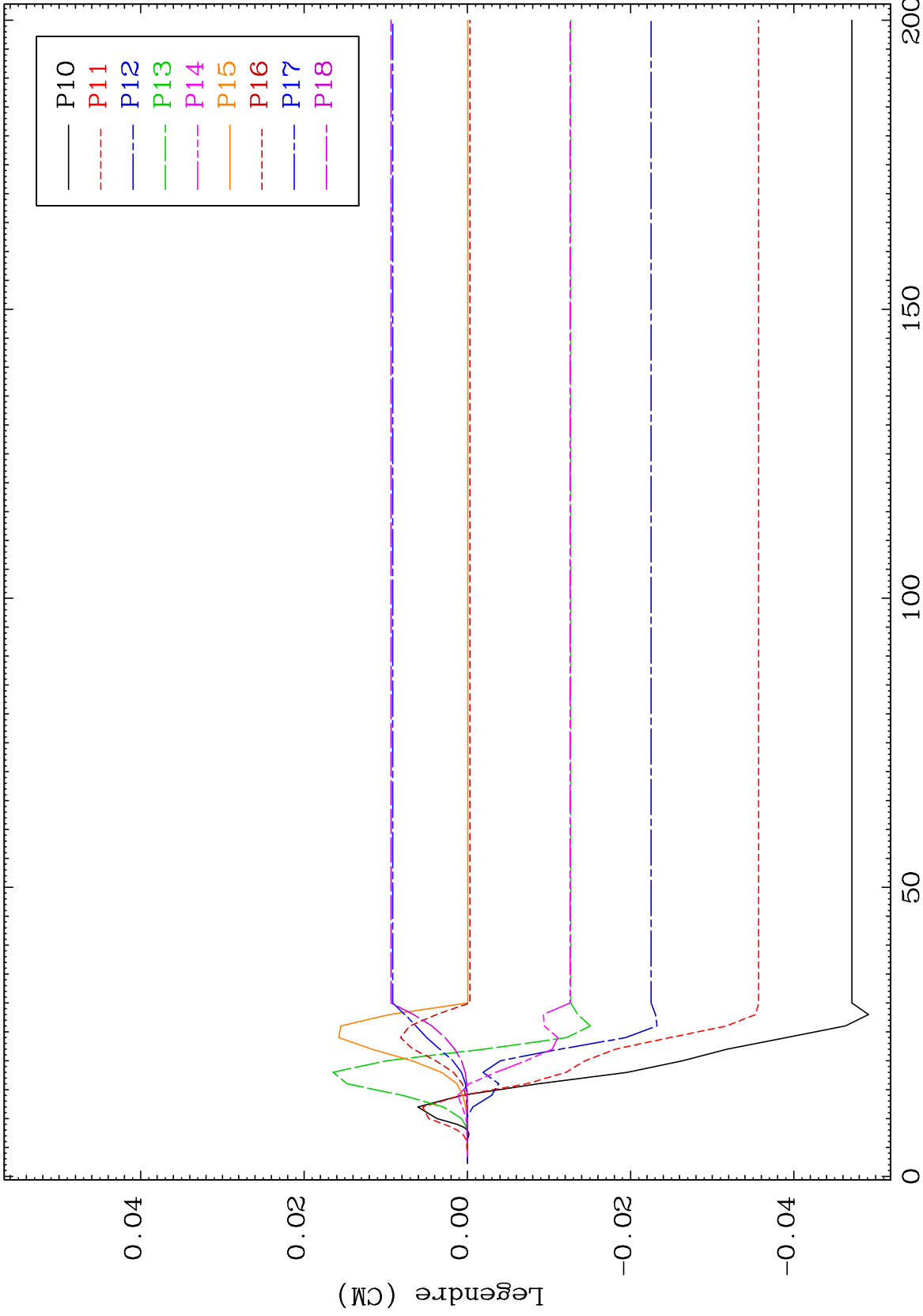
MAT 4561 MT= 67 (n,n') Level Legendre Coefficients 45-Rh-115



MAT 4561

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

45-Rh-115



85

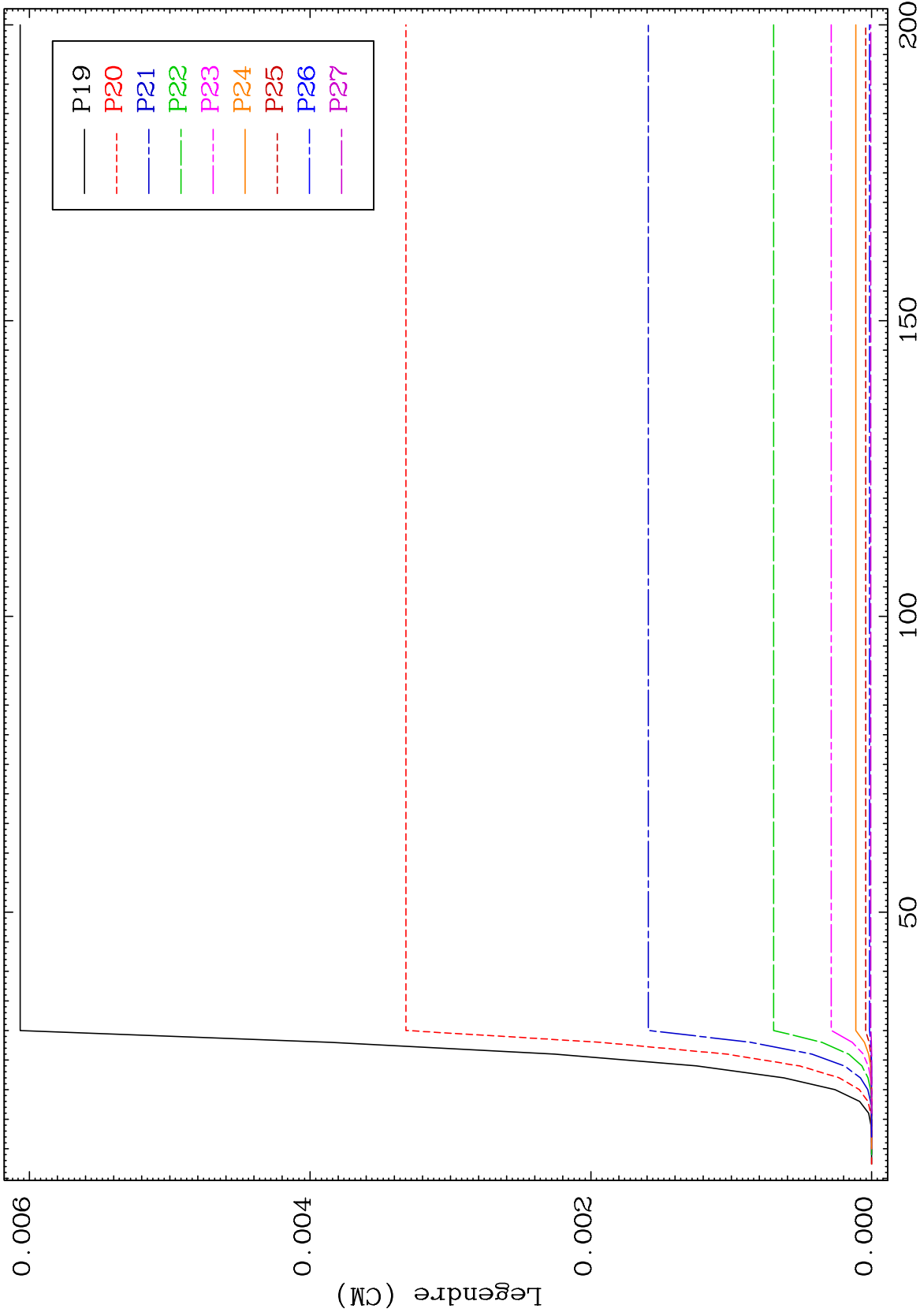
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



86

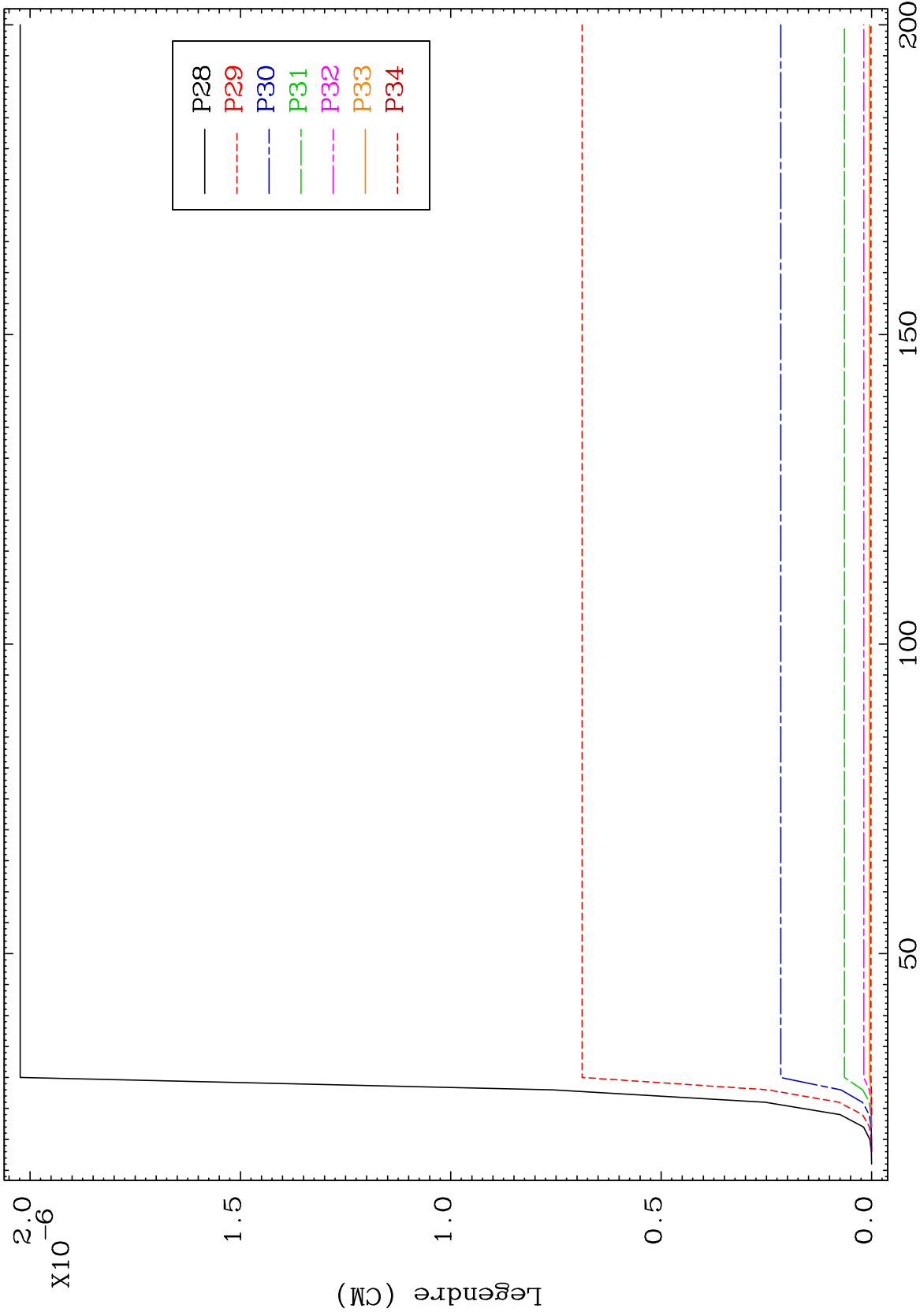
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



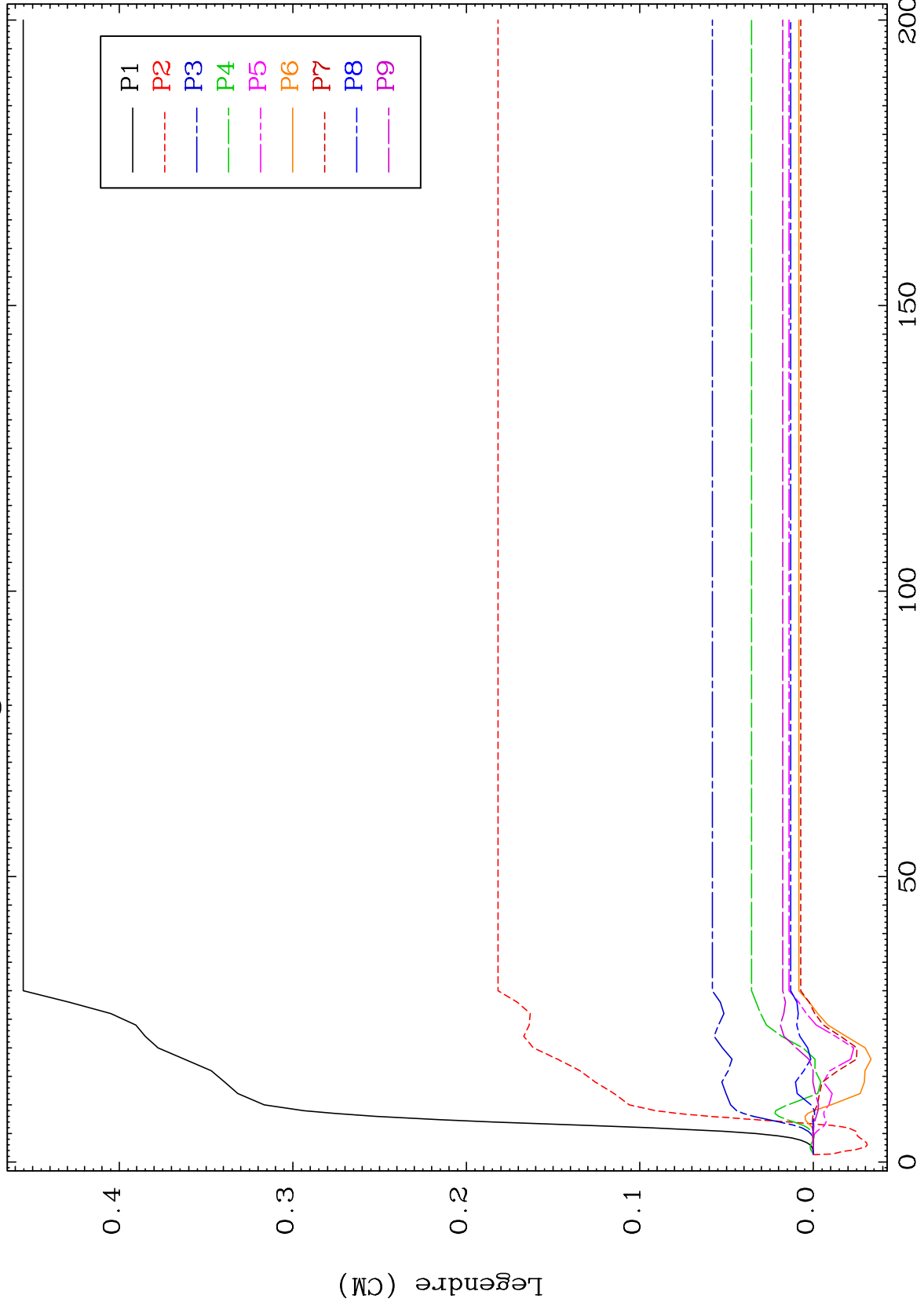
87

45-Rh-115

MAT 4561

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

45-Rh-115



88

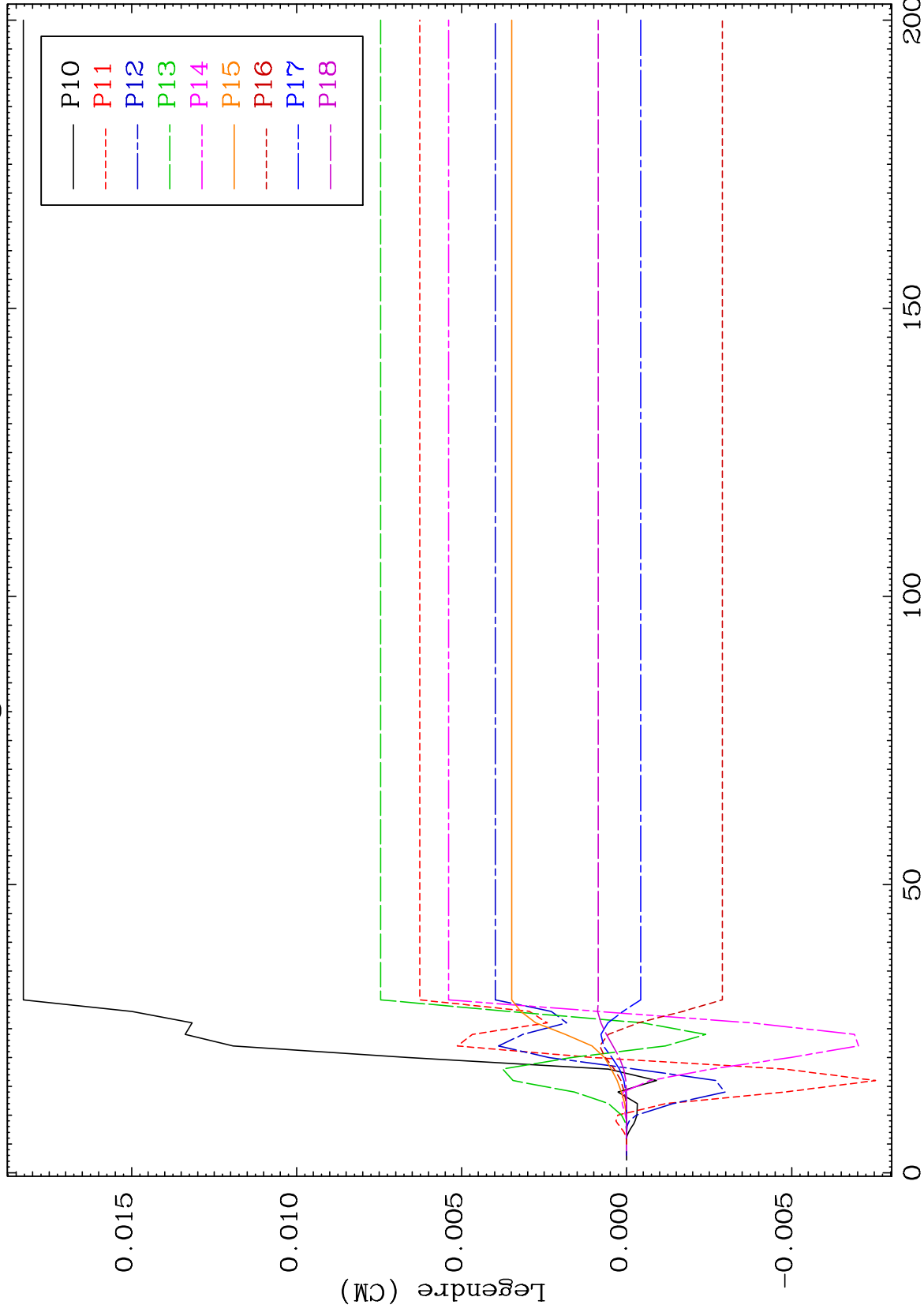
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



89

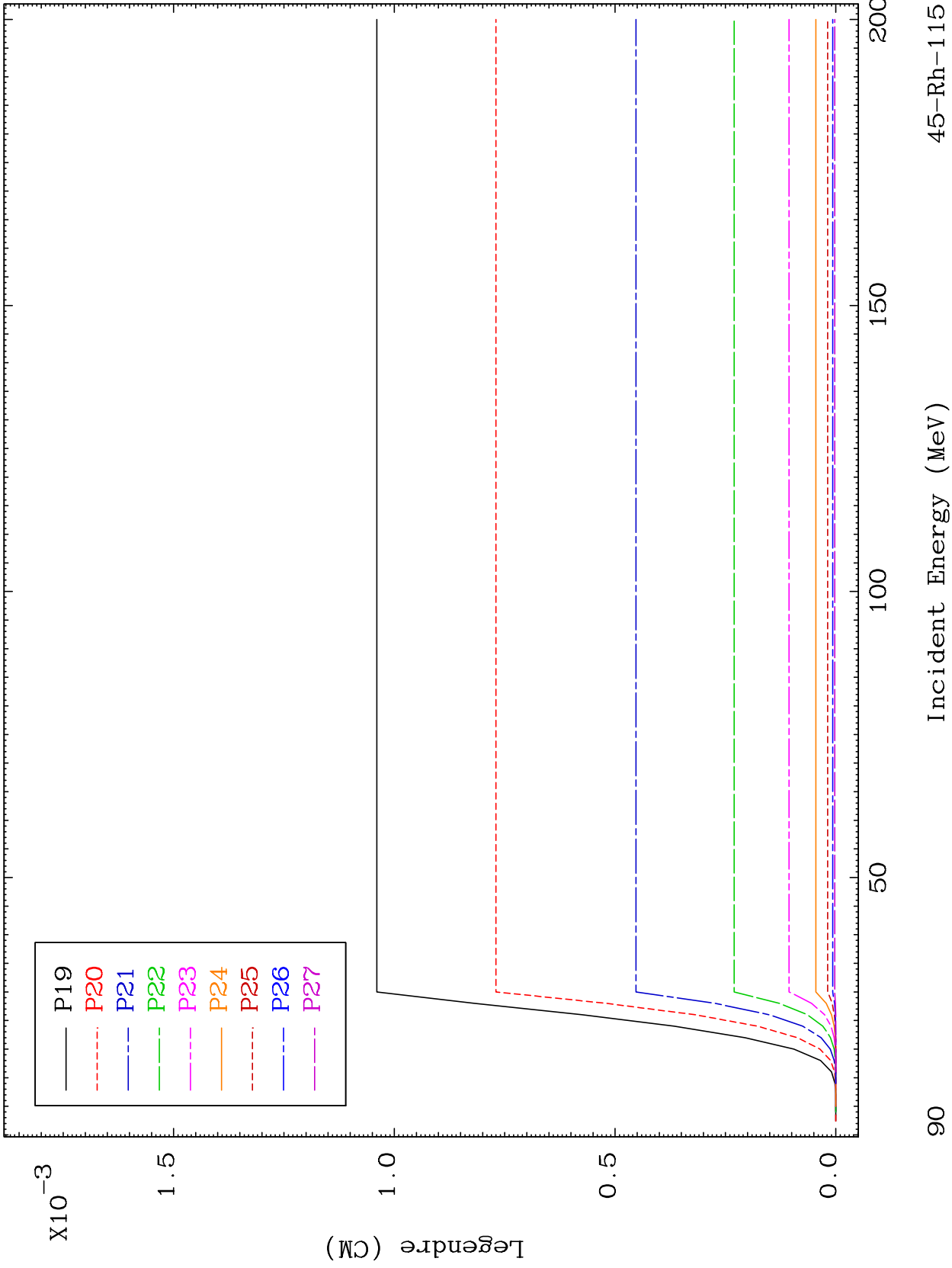
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

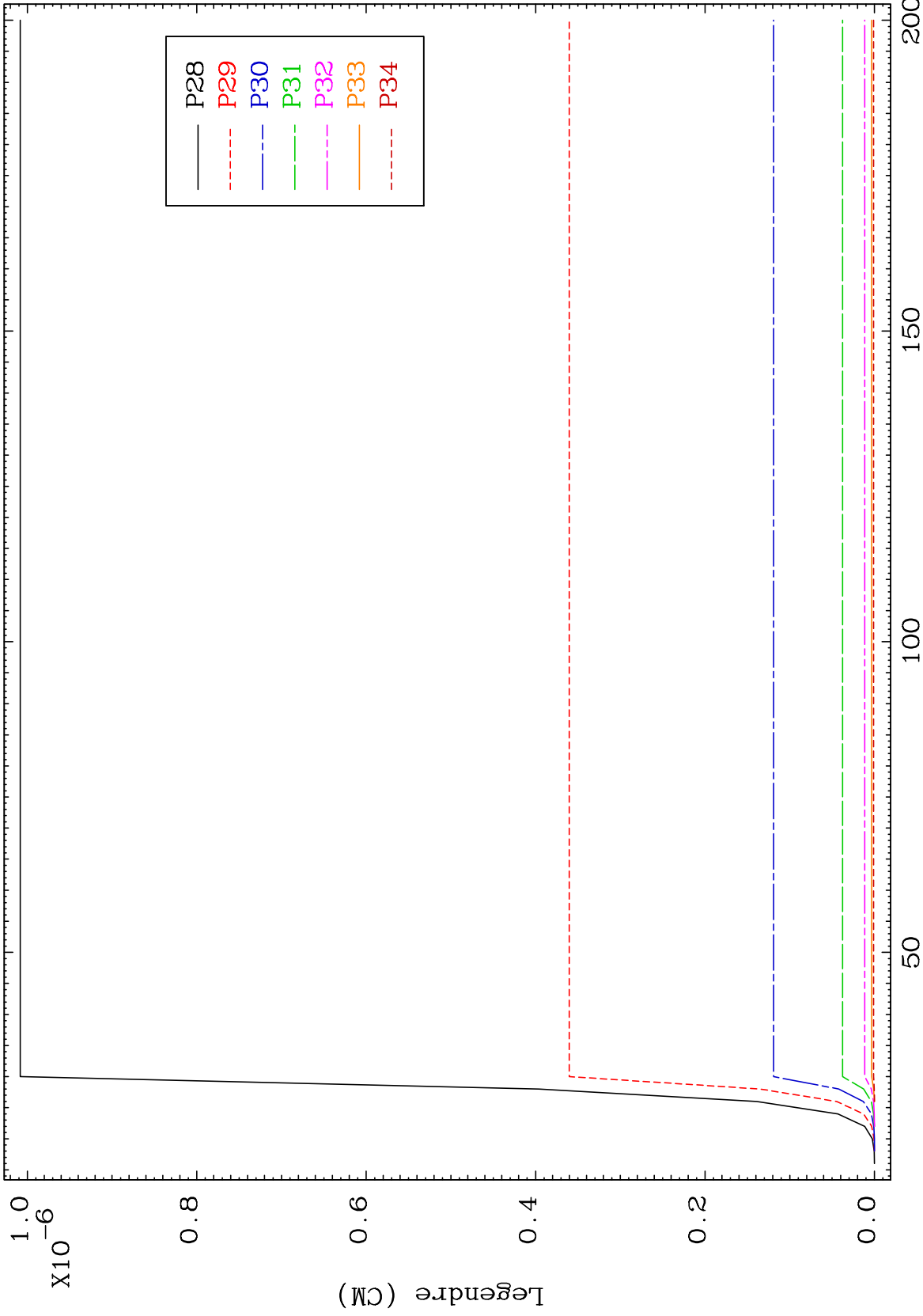
45-Rh-115



MAT 4561

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

45-Rh-115



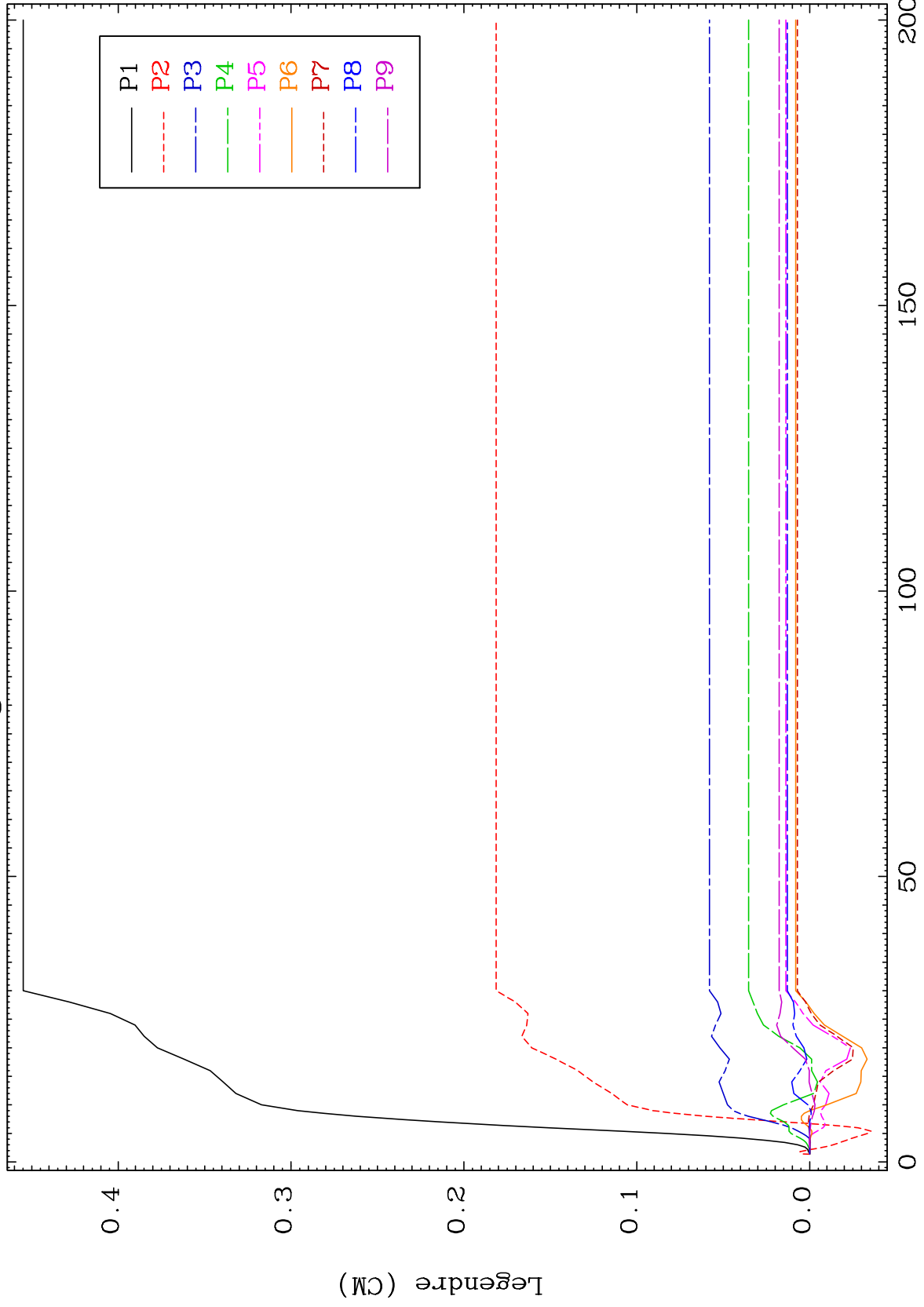
91

45-Rh-115

MAT 4561

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

45-Rh-115



92

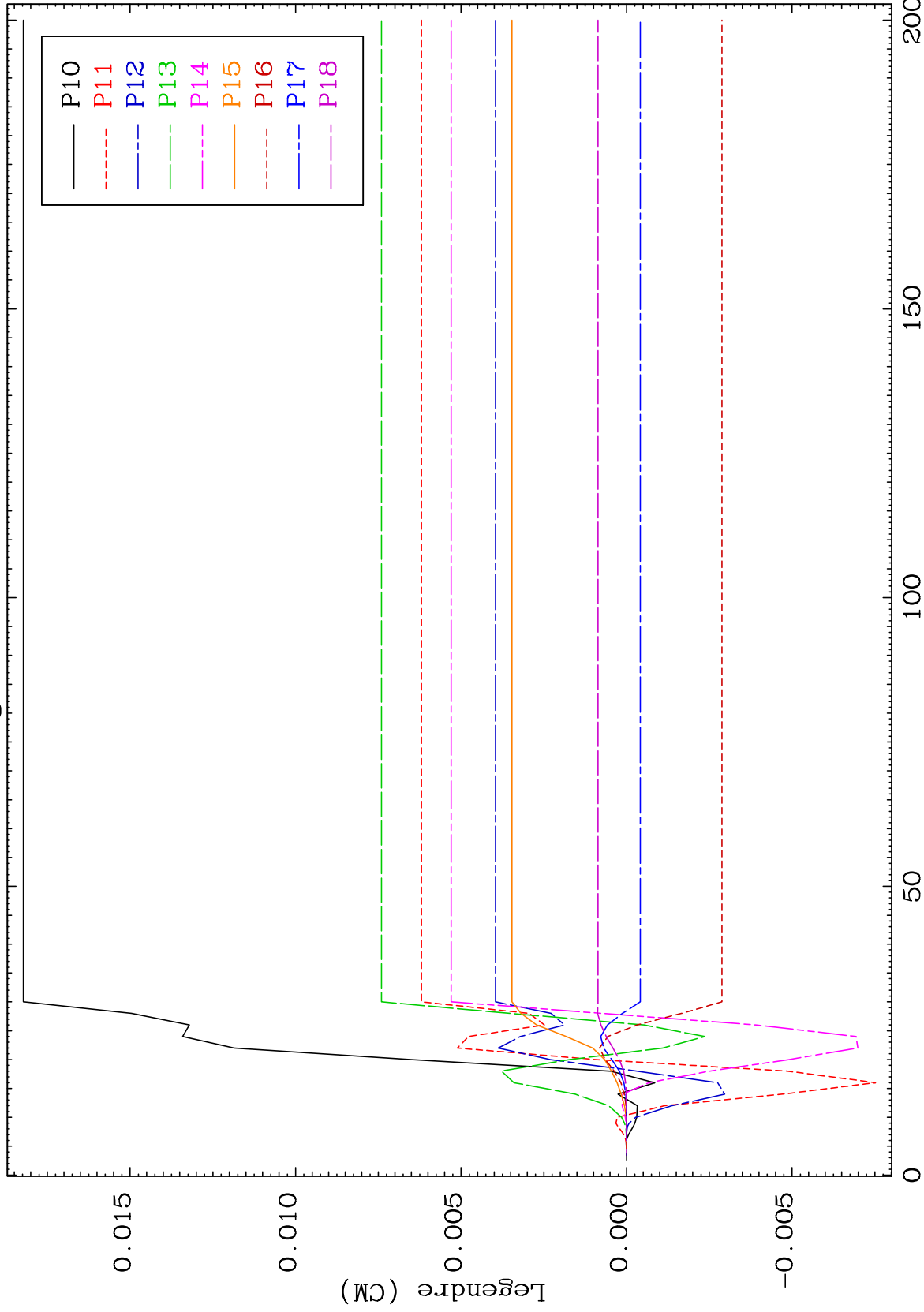
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



93

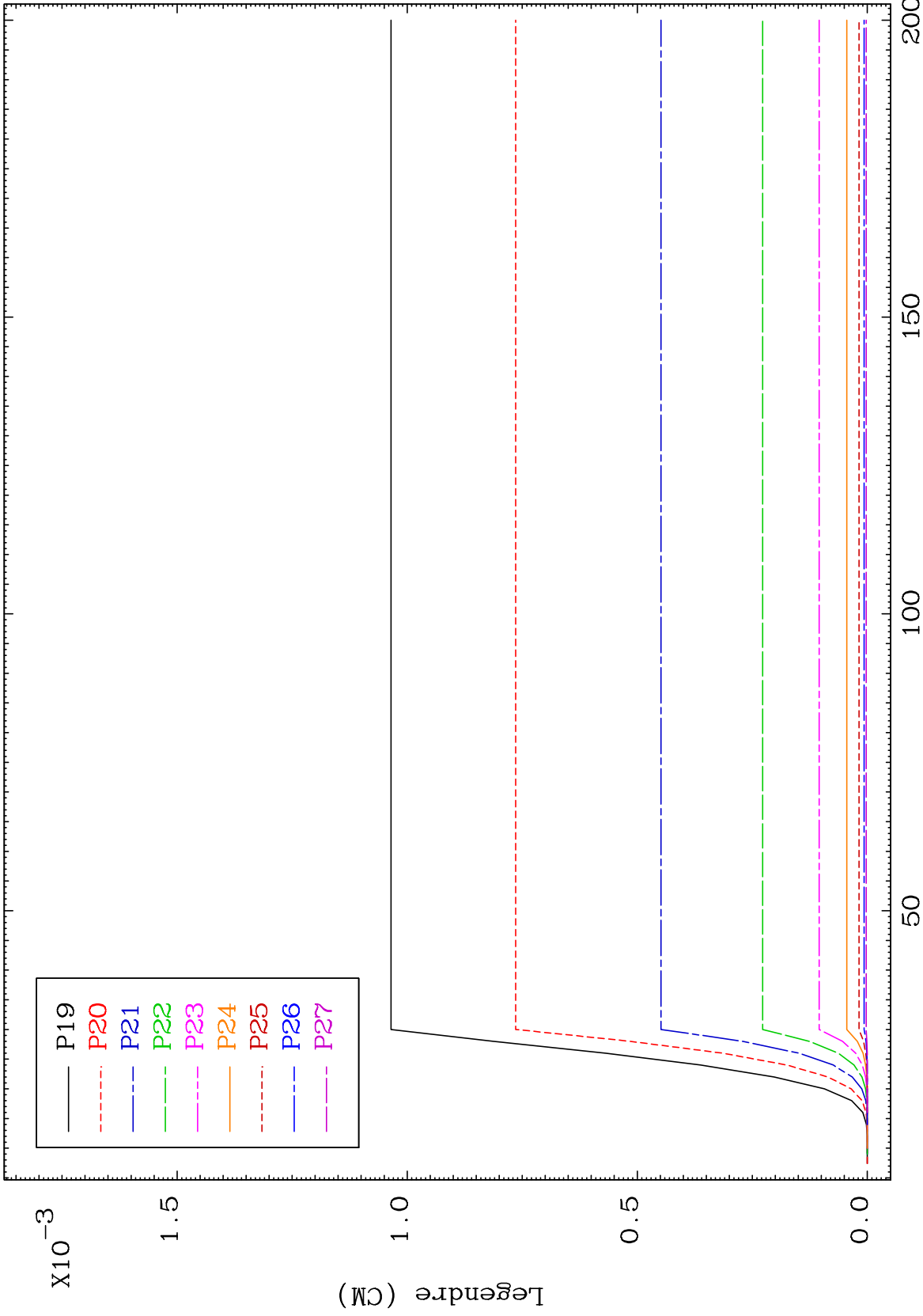
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



94

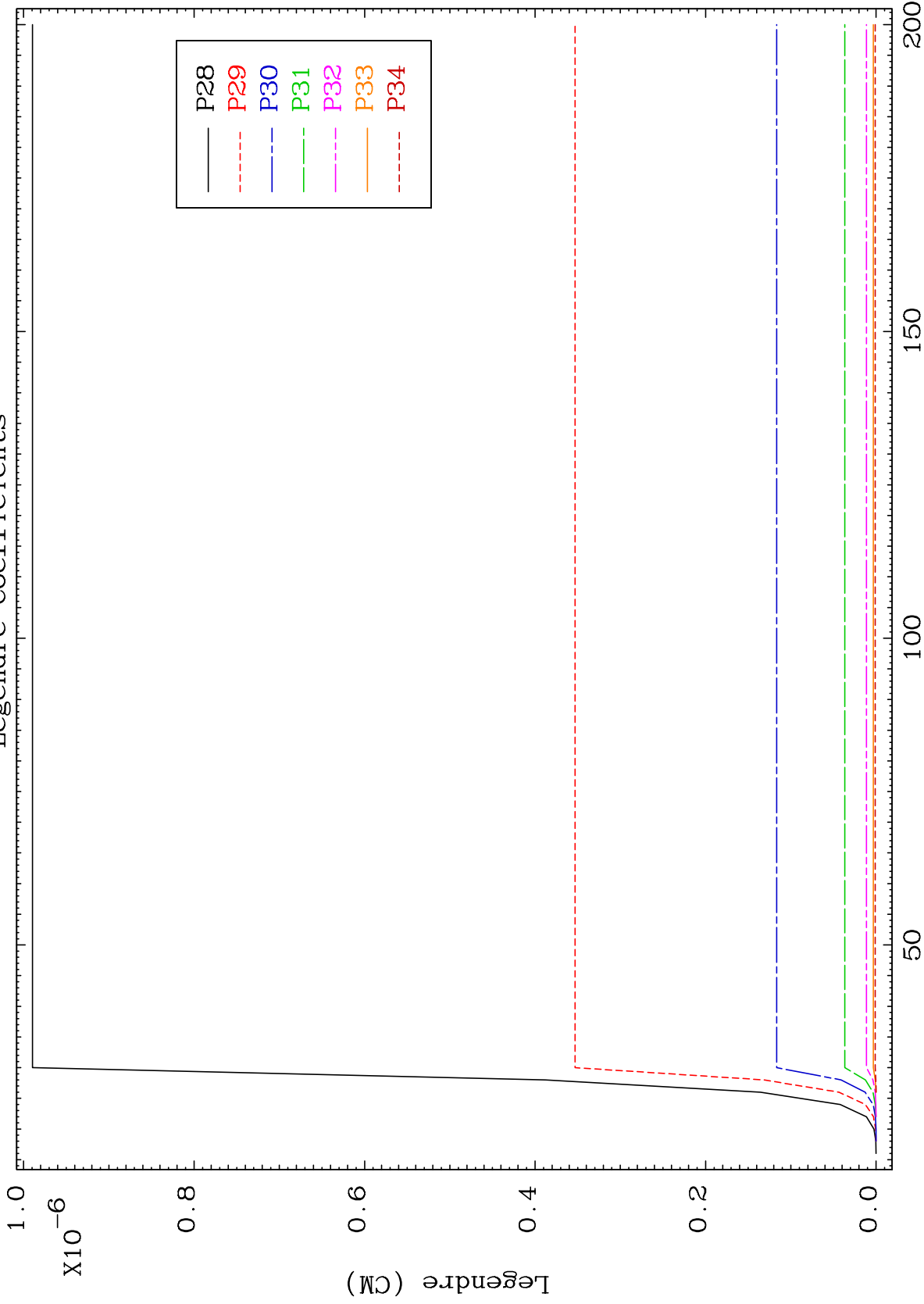
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



95

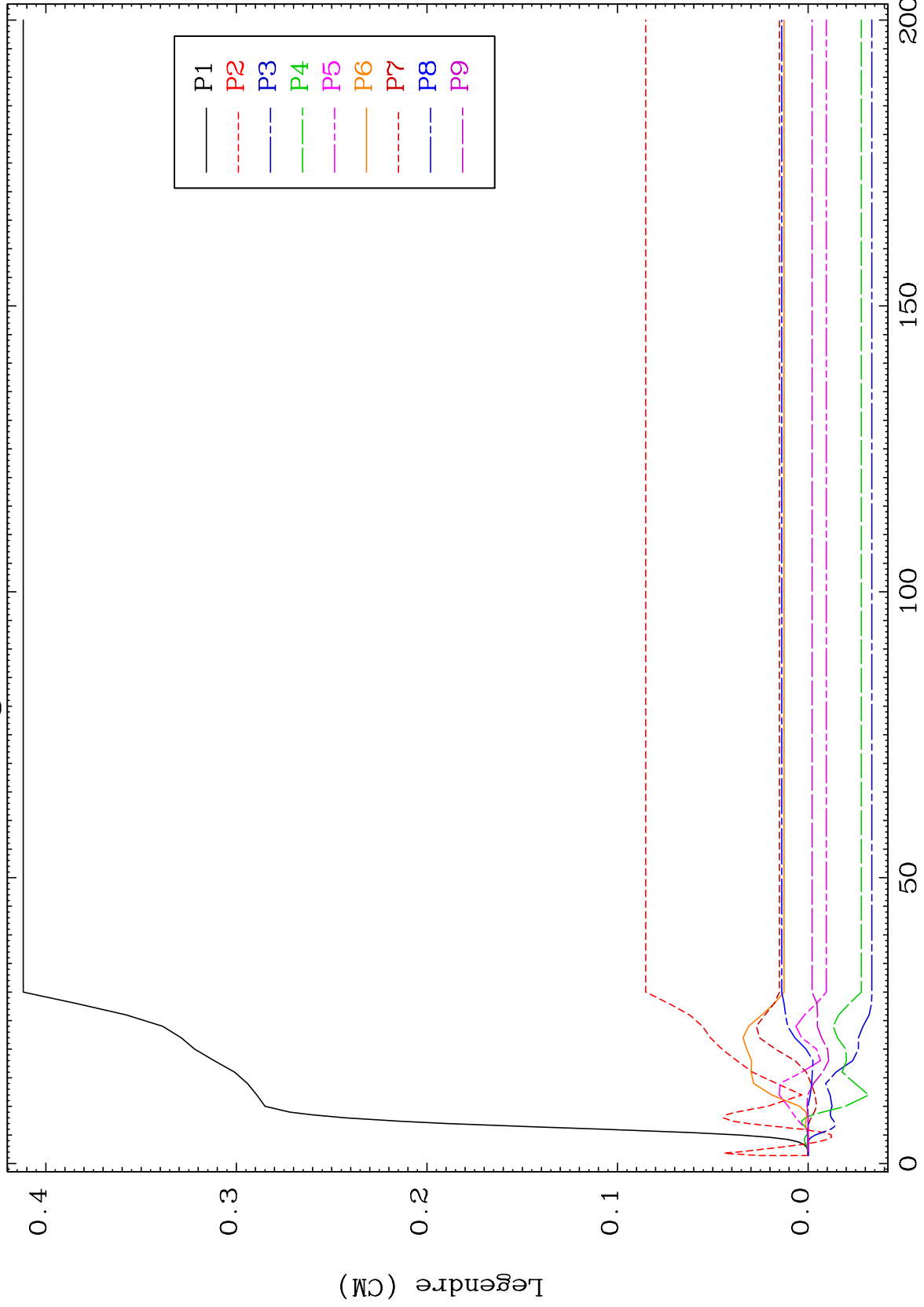
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



96

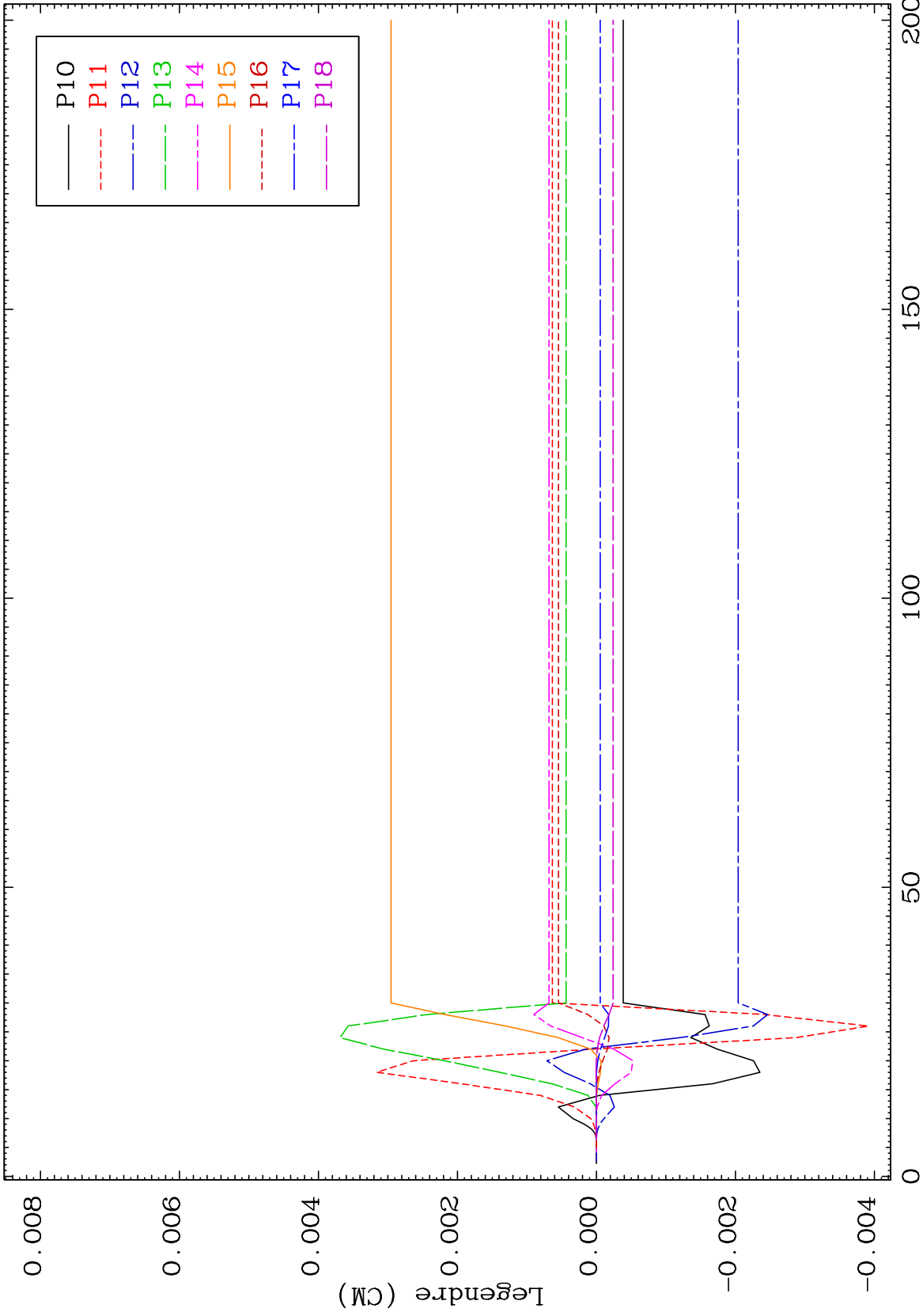
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



97

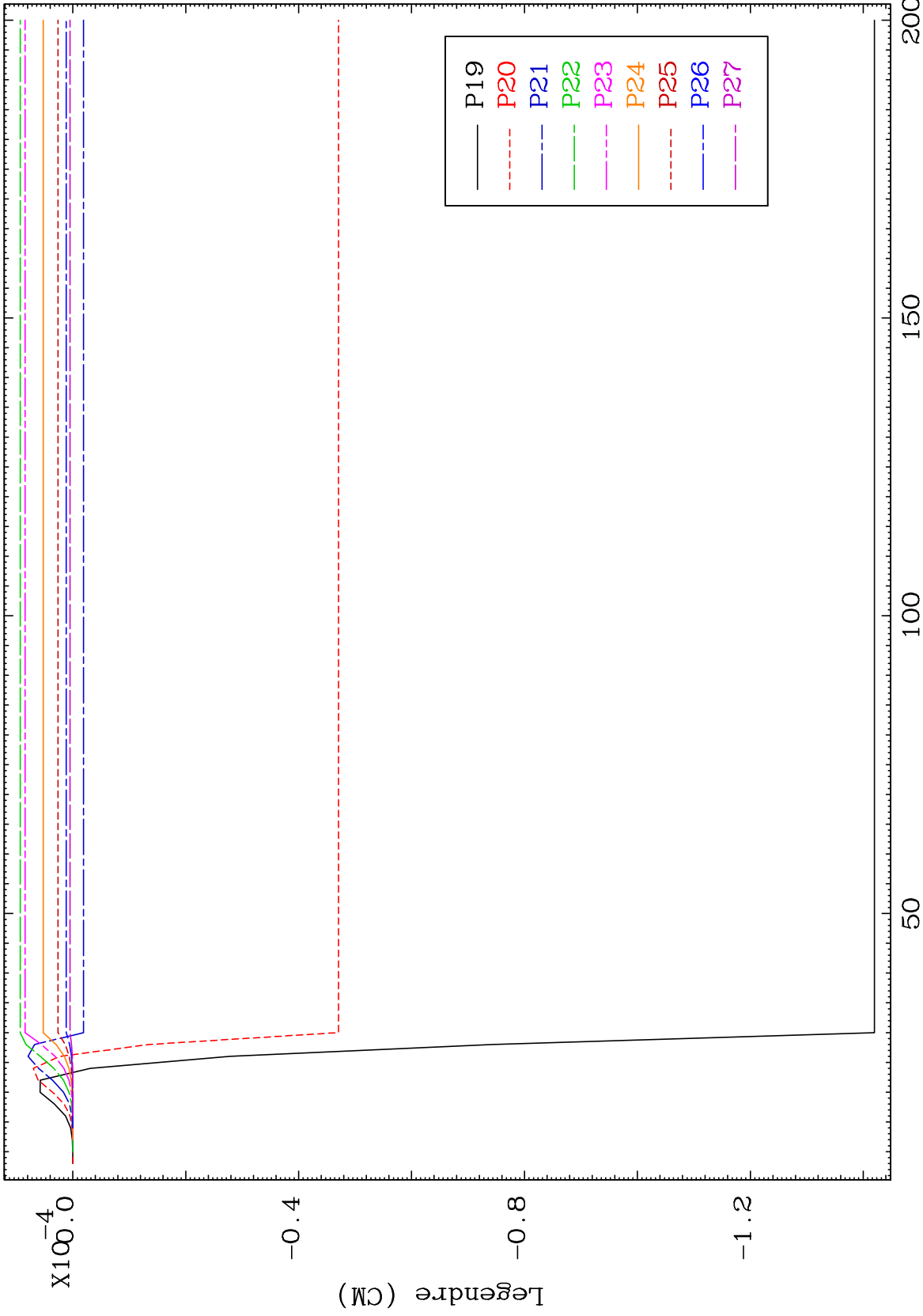
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



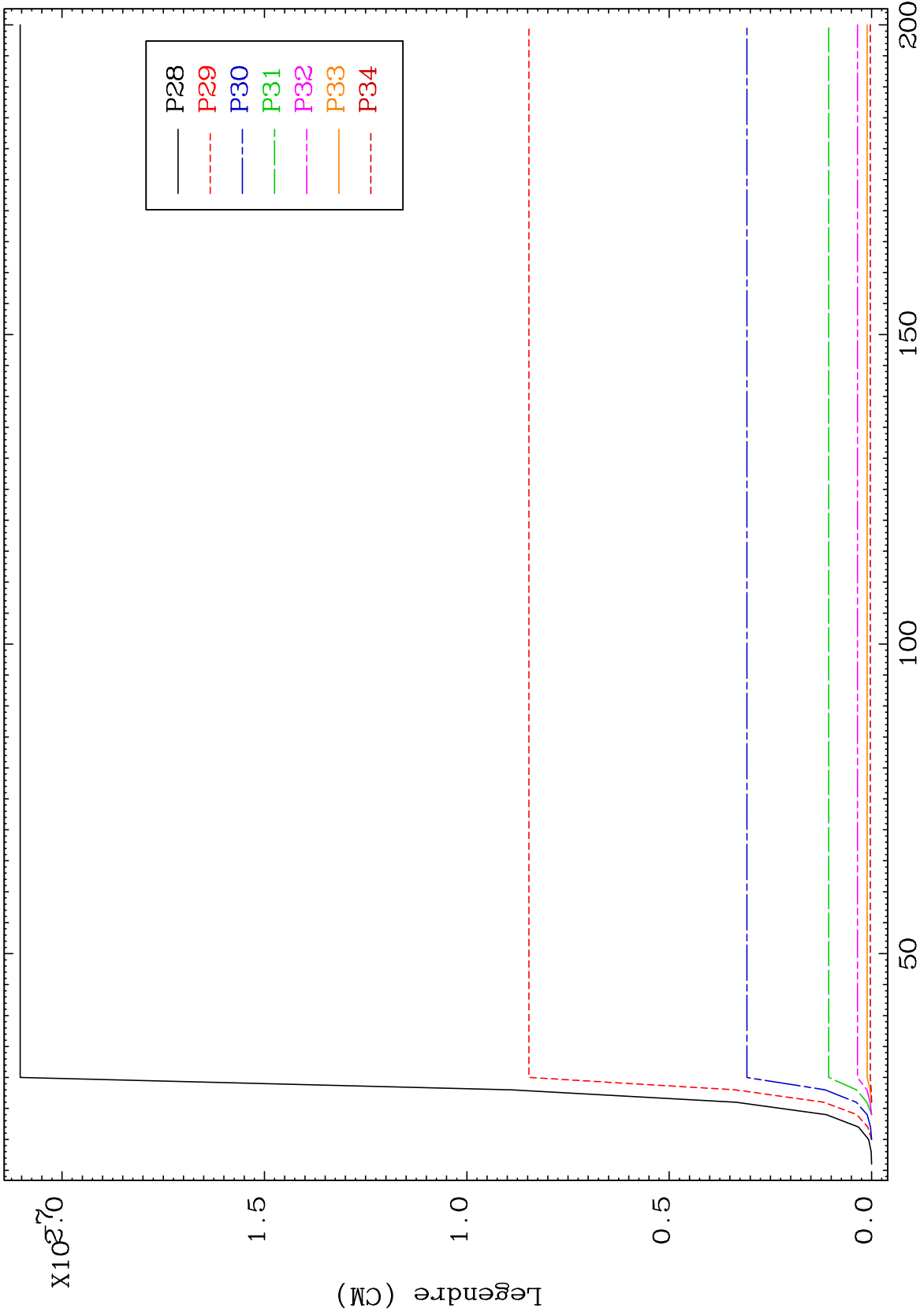
98

45-Rh-115

MAT 4561

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

45-Rh-115



99

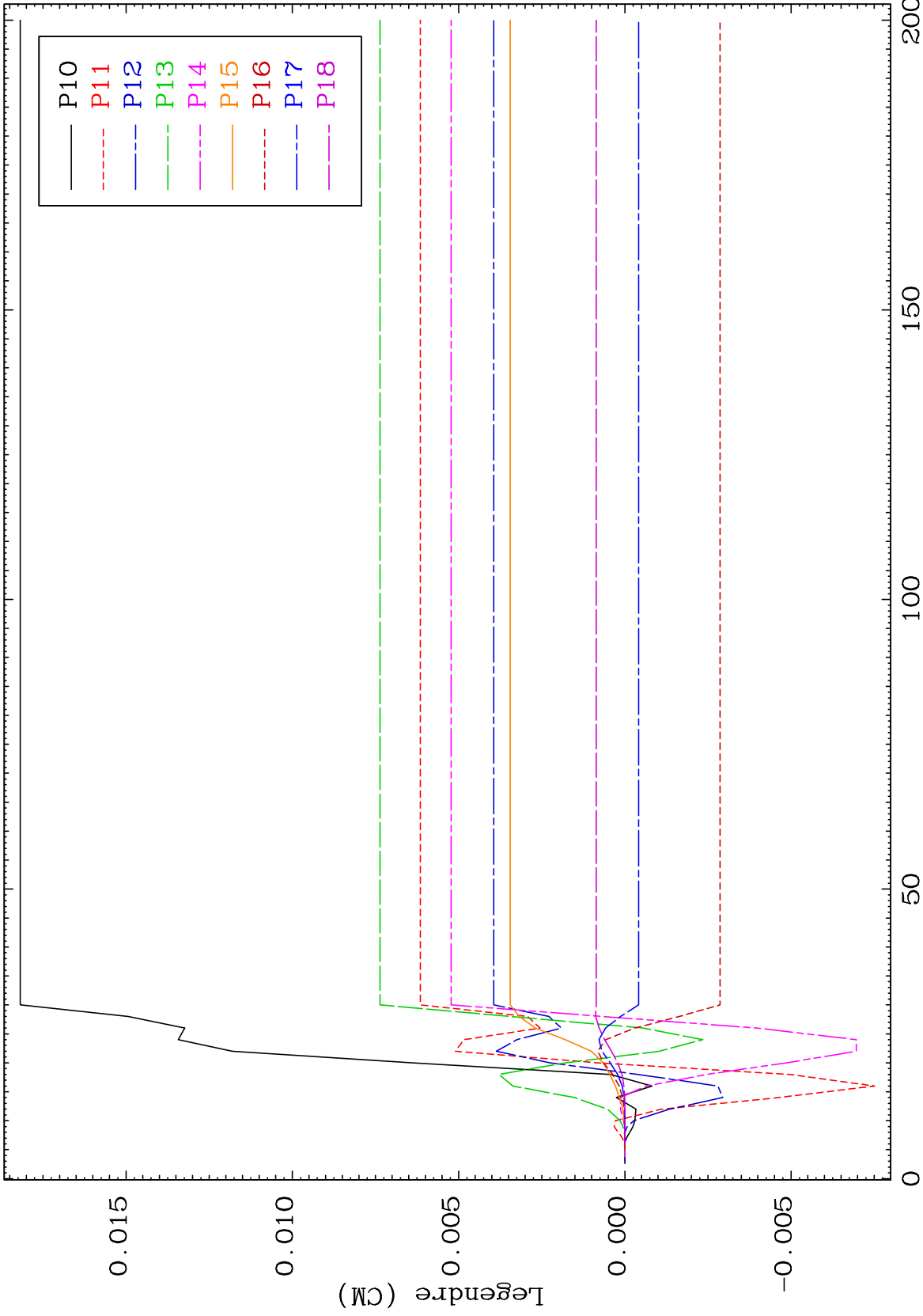
45-Rh-115



MAT 4561

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

45-Rh-115



101

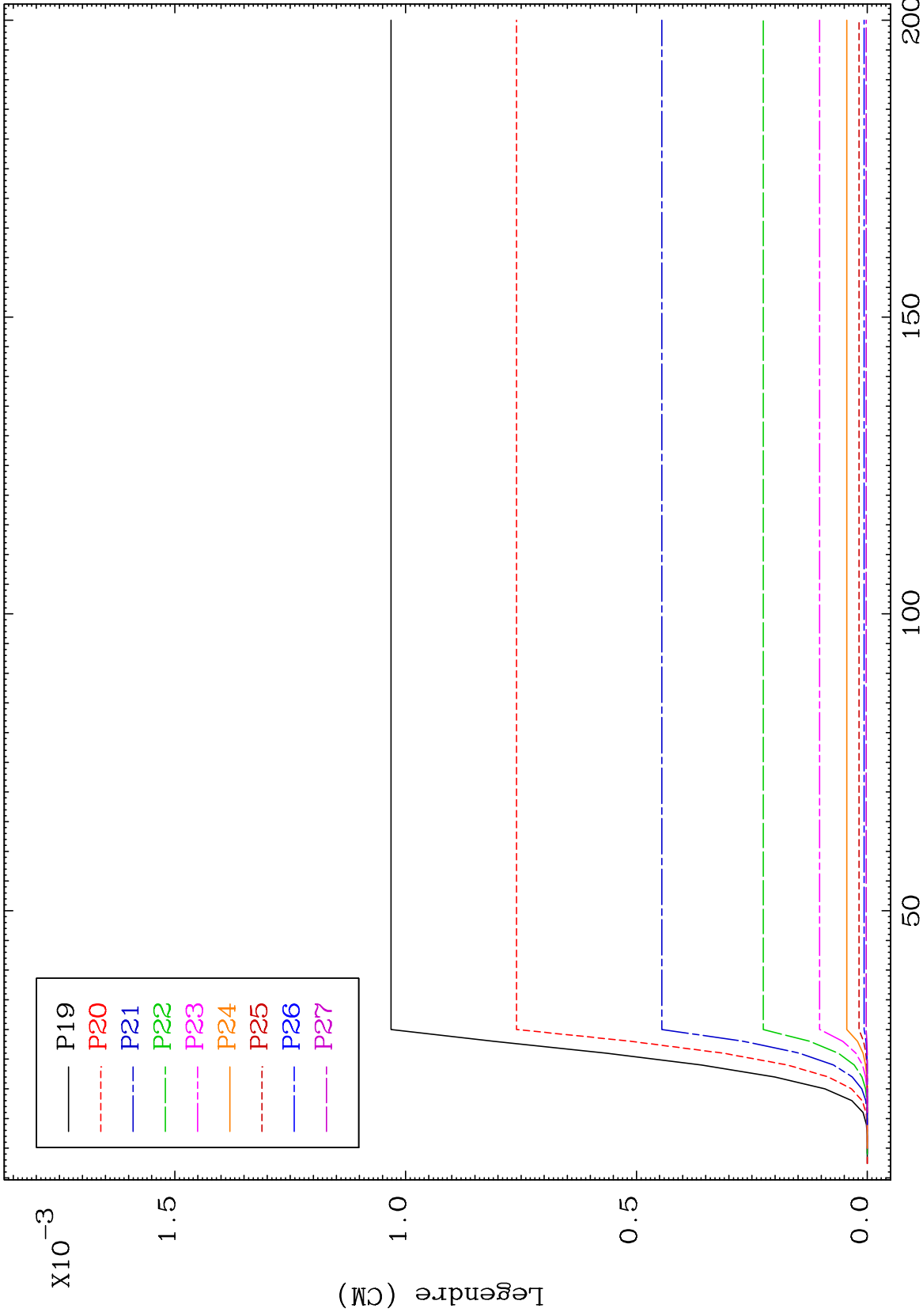
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



102

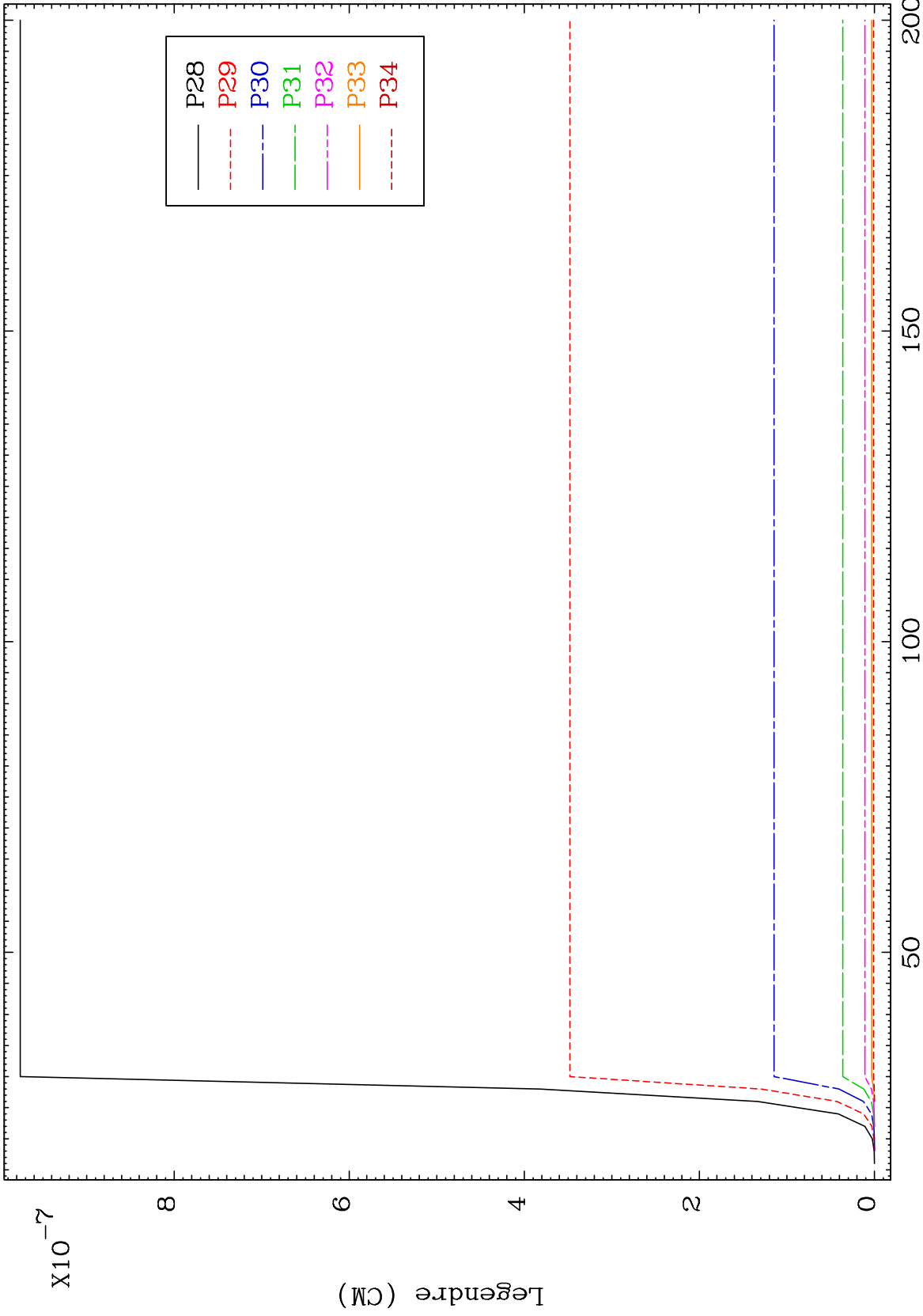
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



103

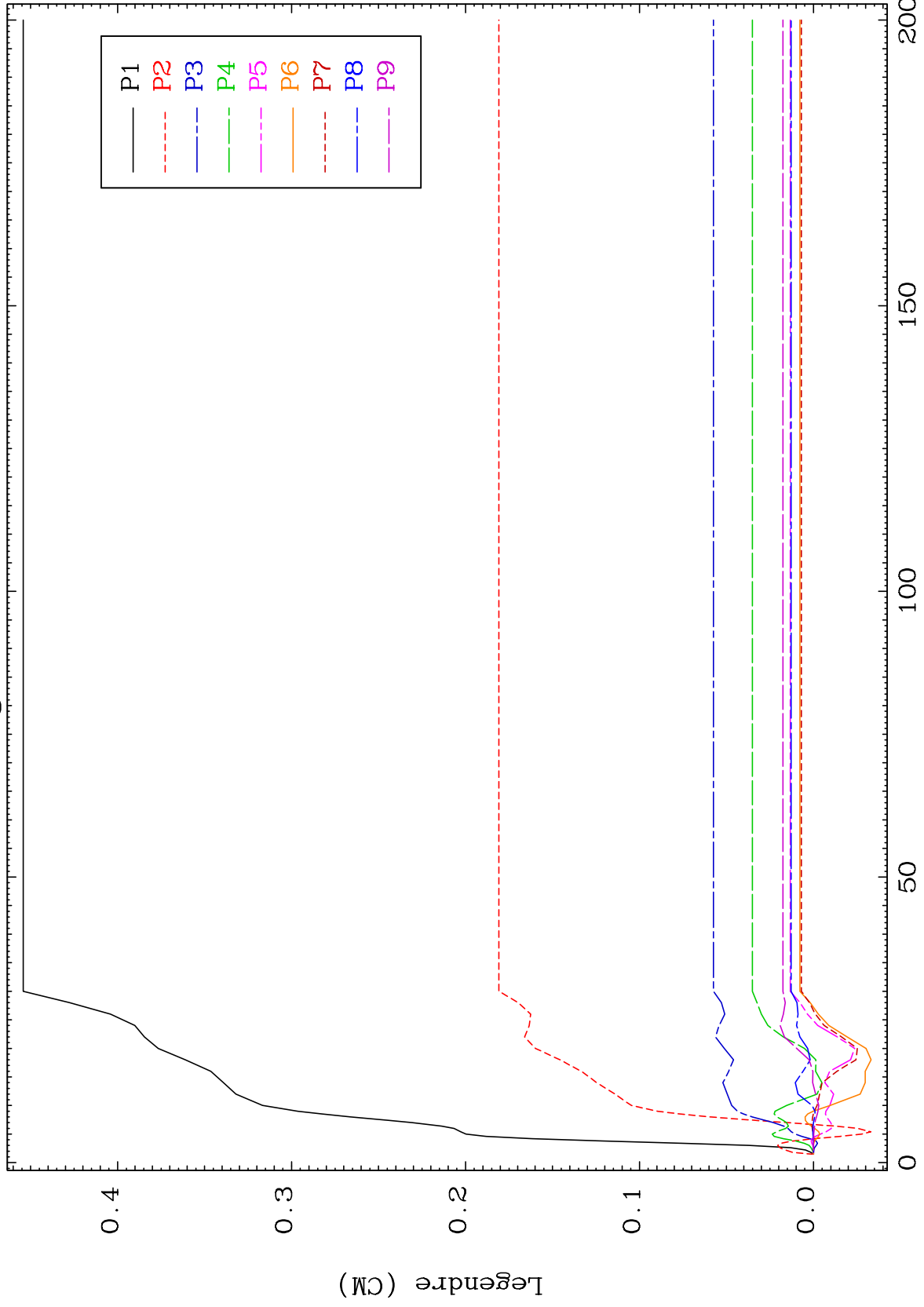
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



45-Rh-115

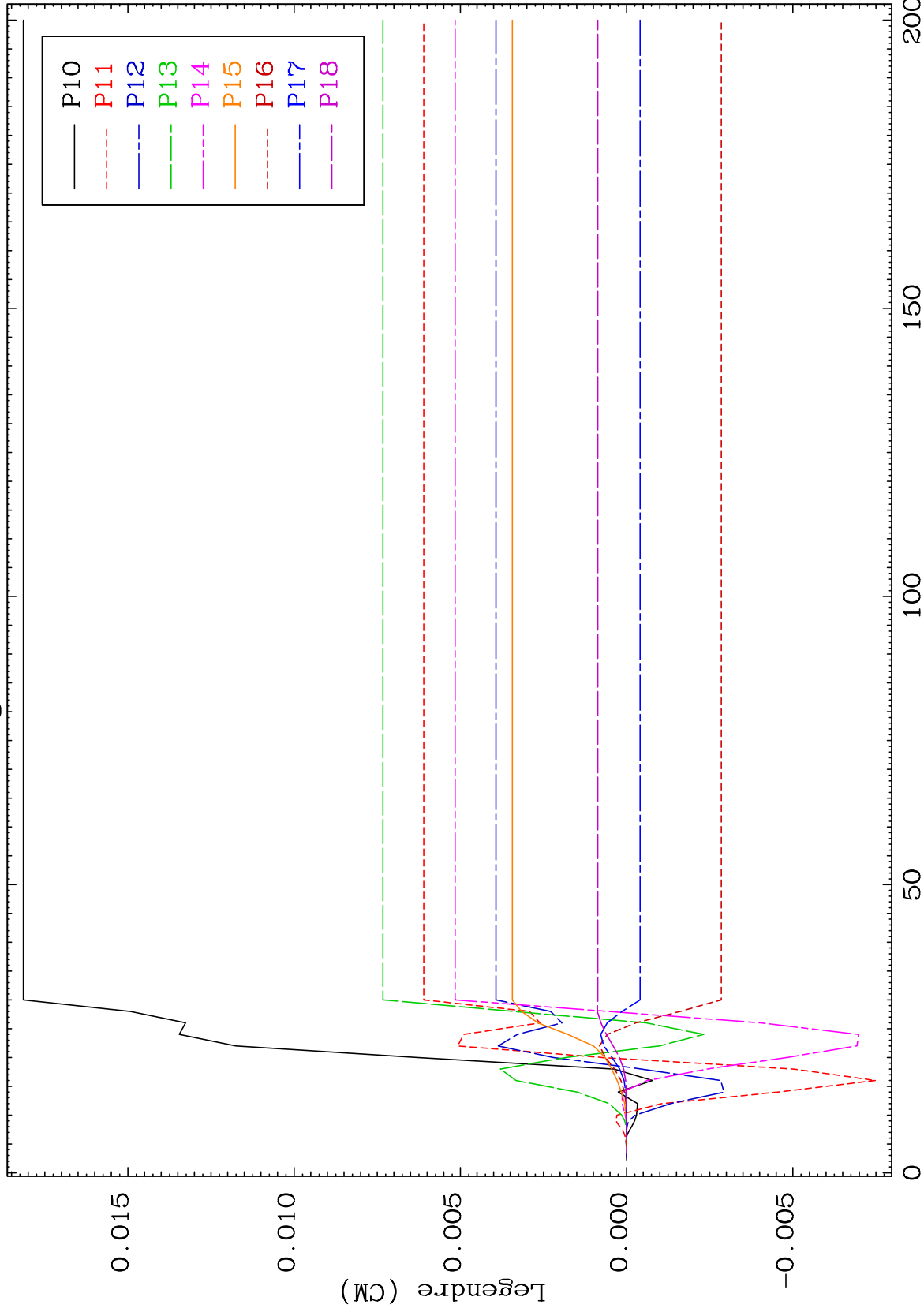
Incident Energy (MeV)

104

MAT 4561

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

45-Rh-115



105

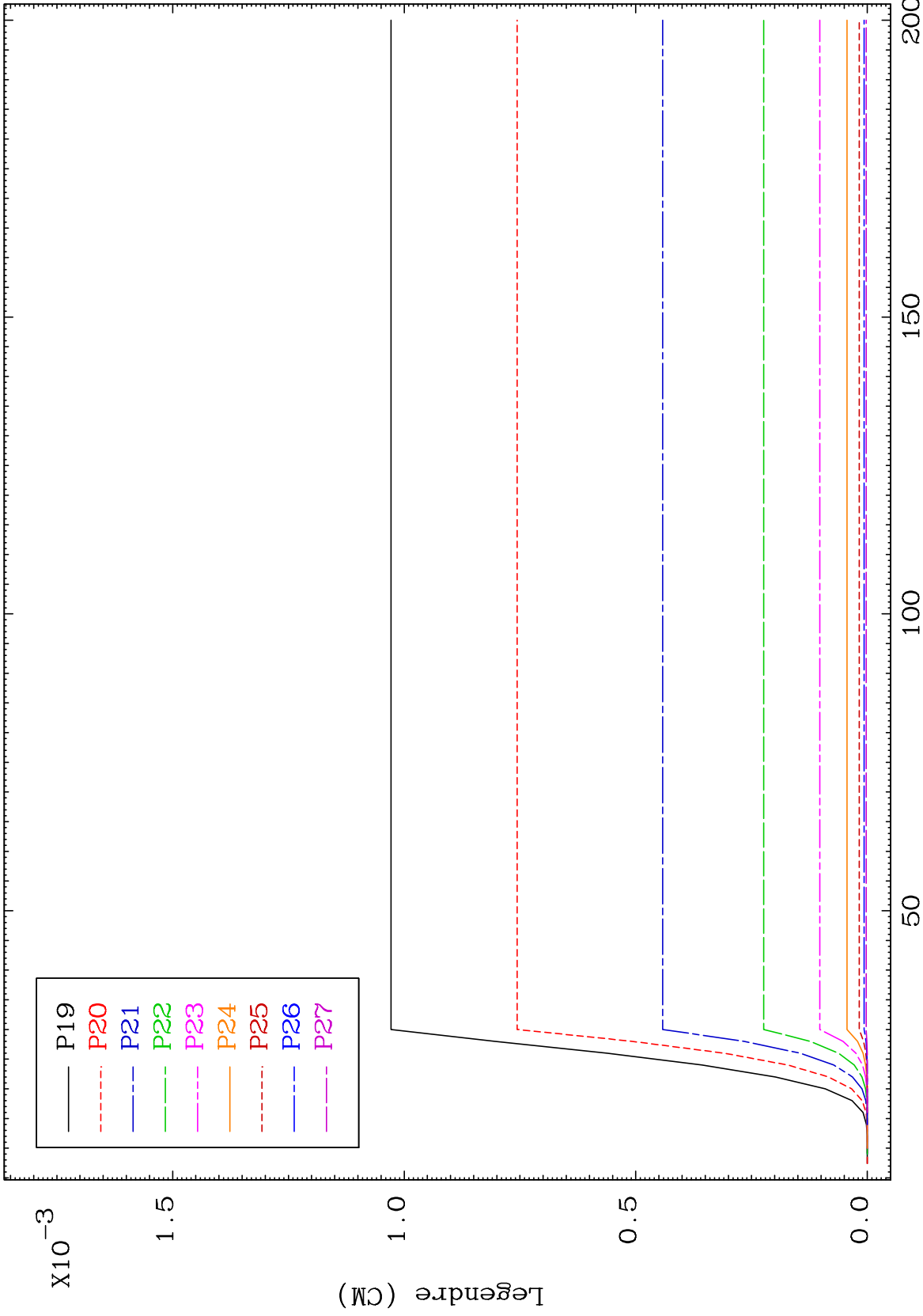
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



106

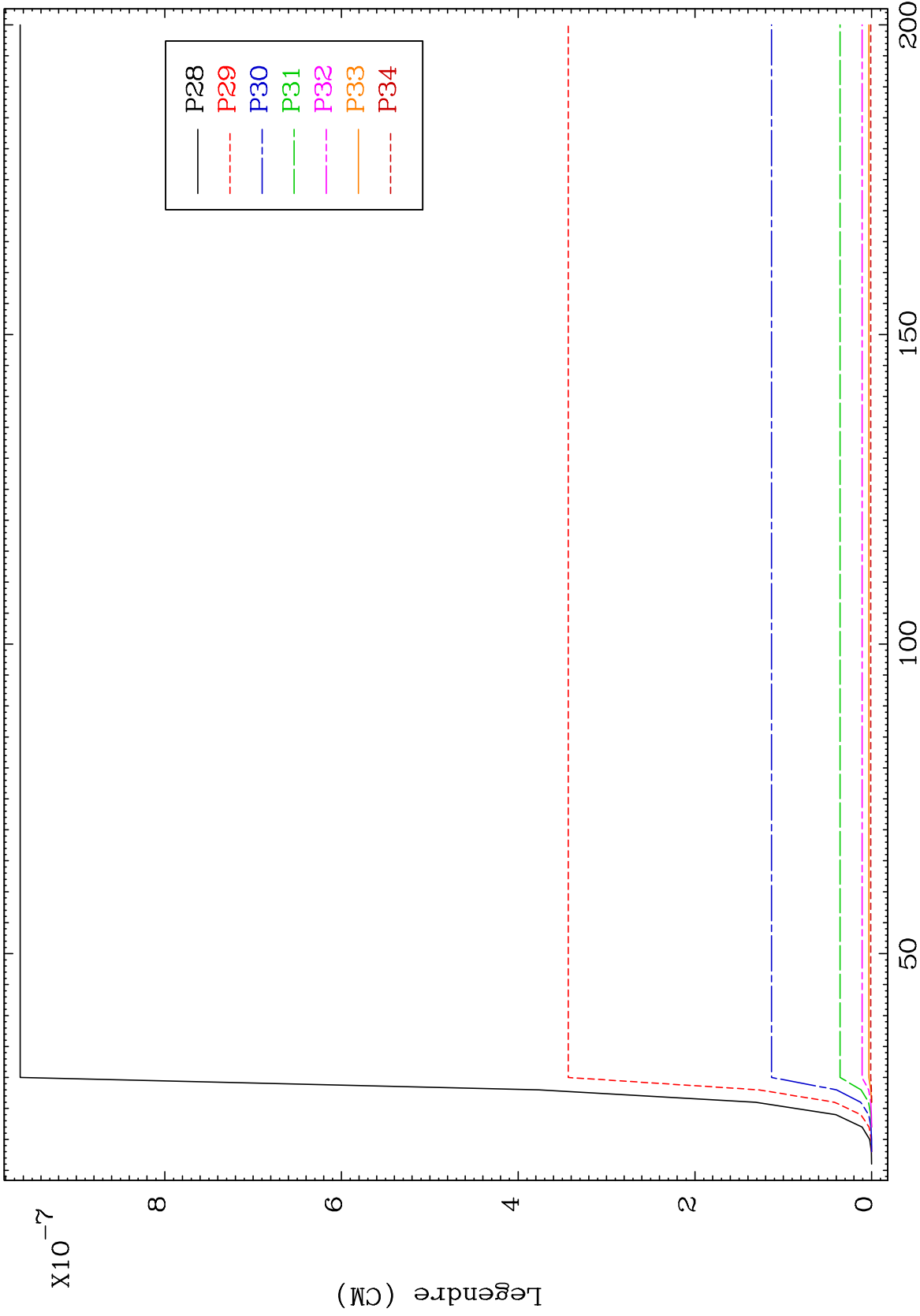
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



107

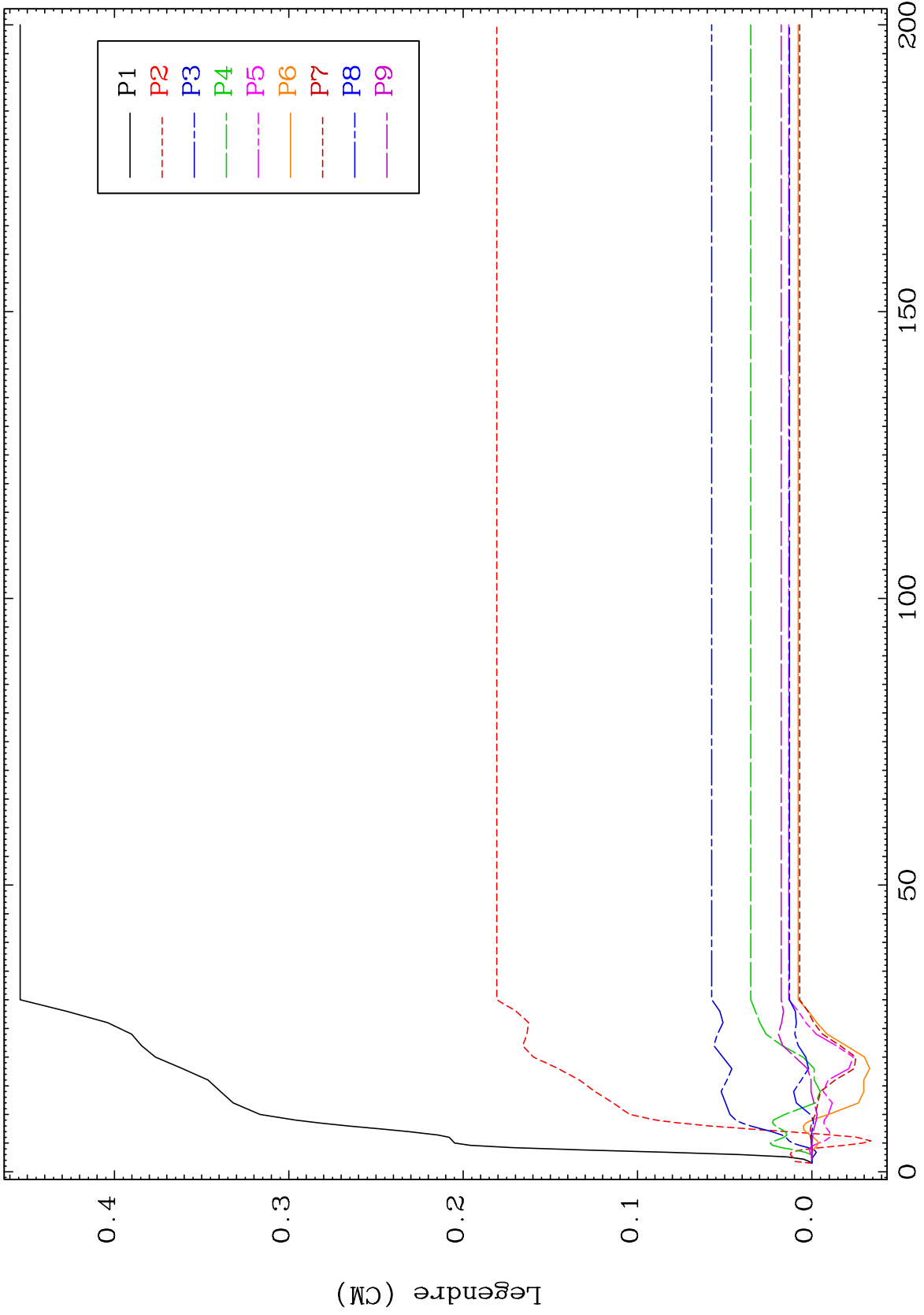
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



108

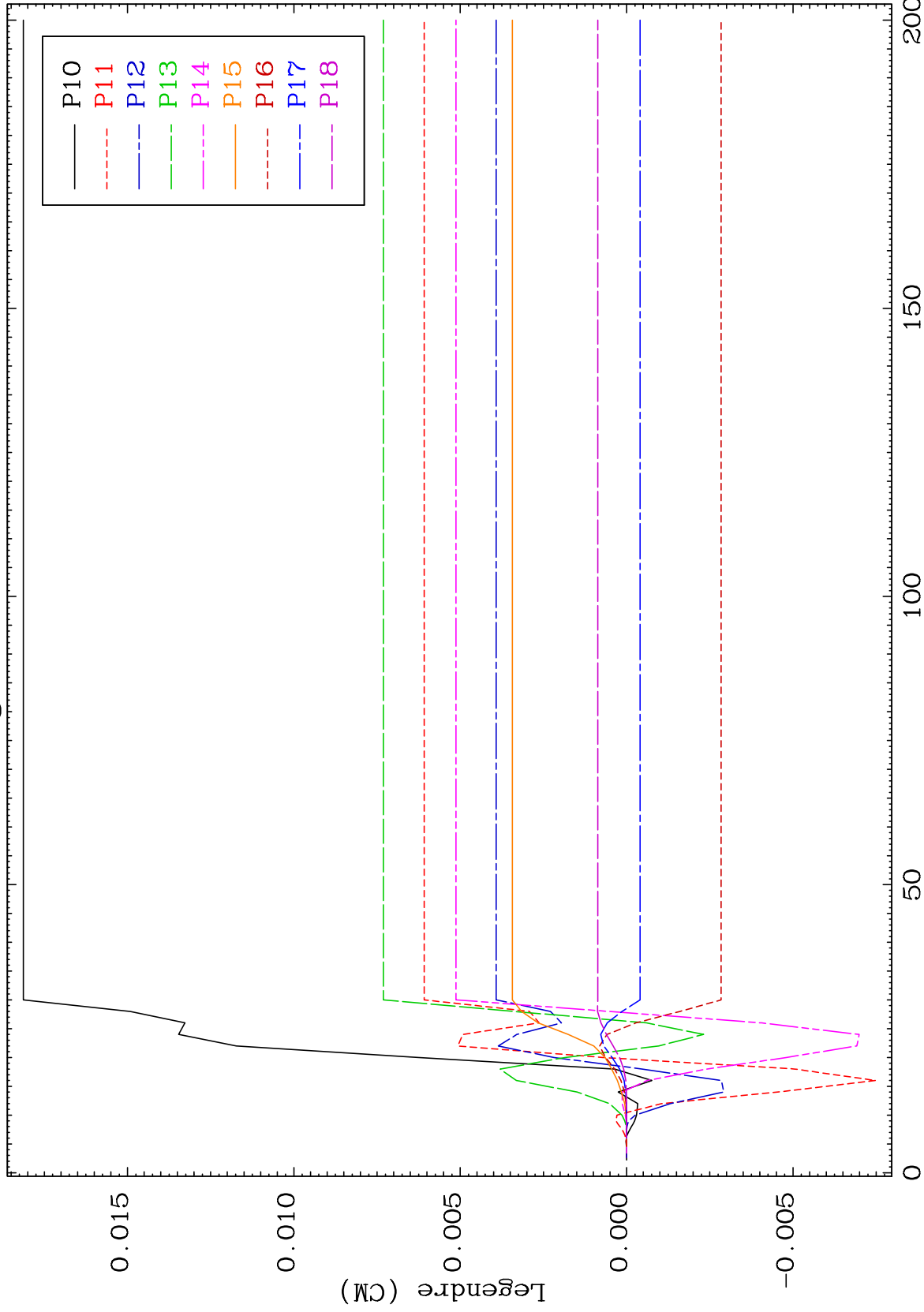
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



109

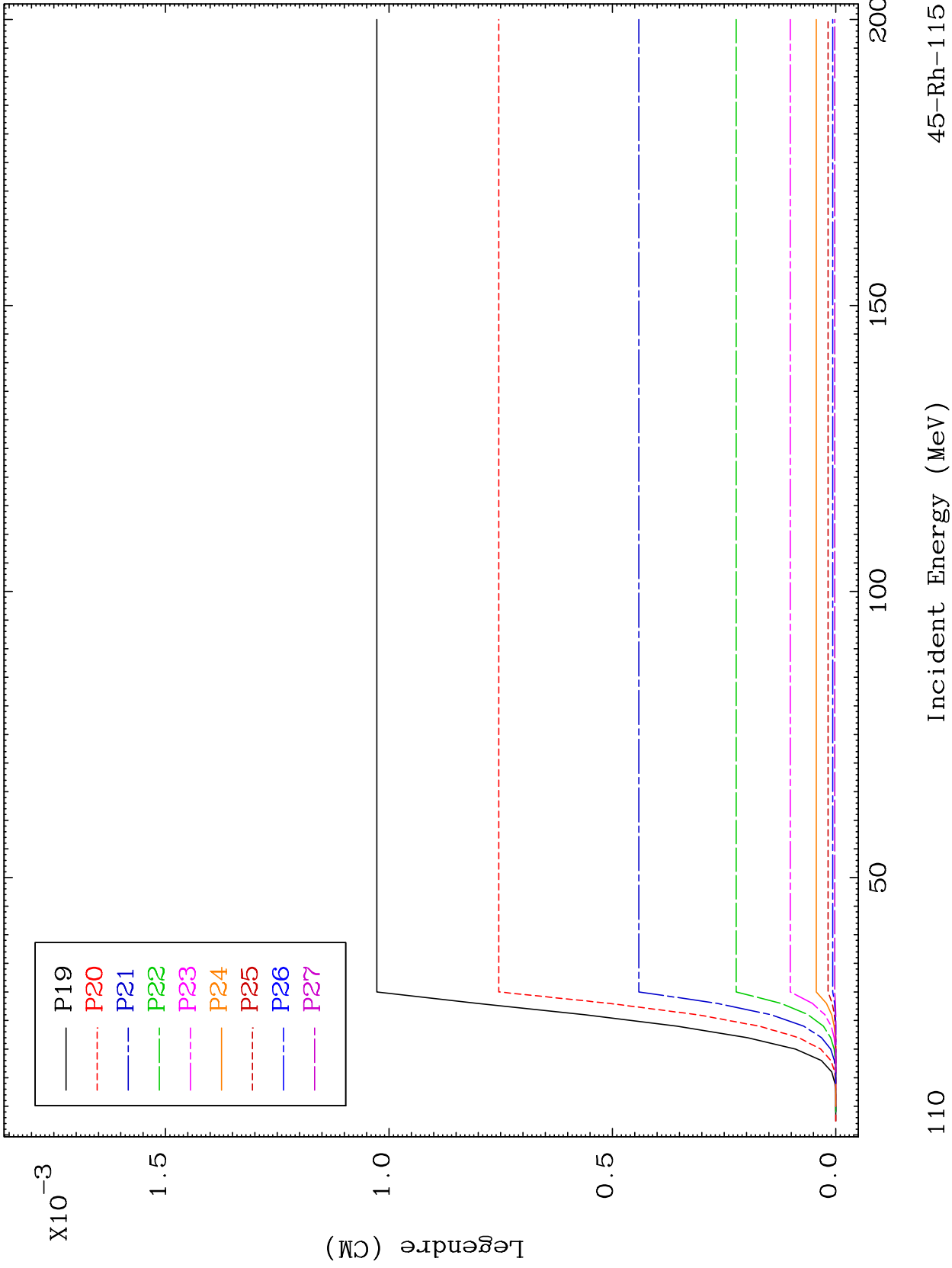
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

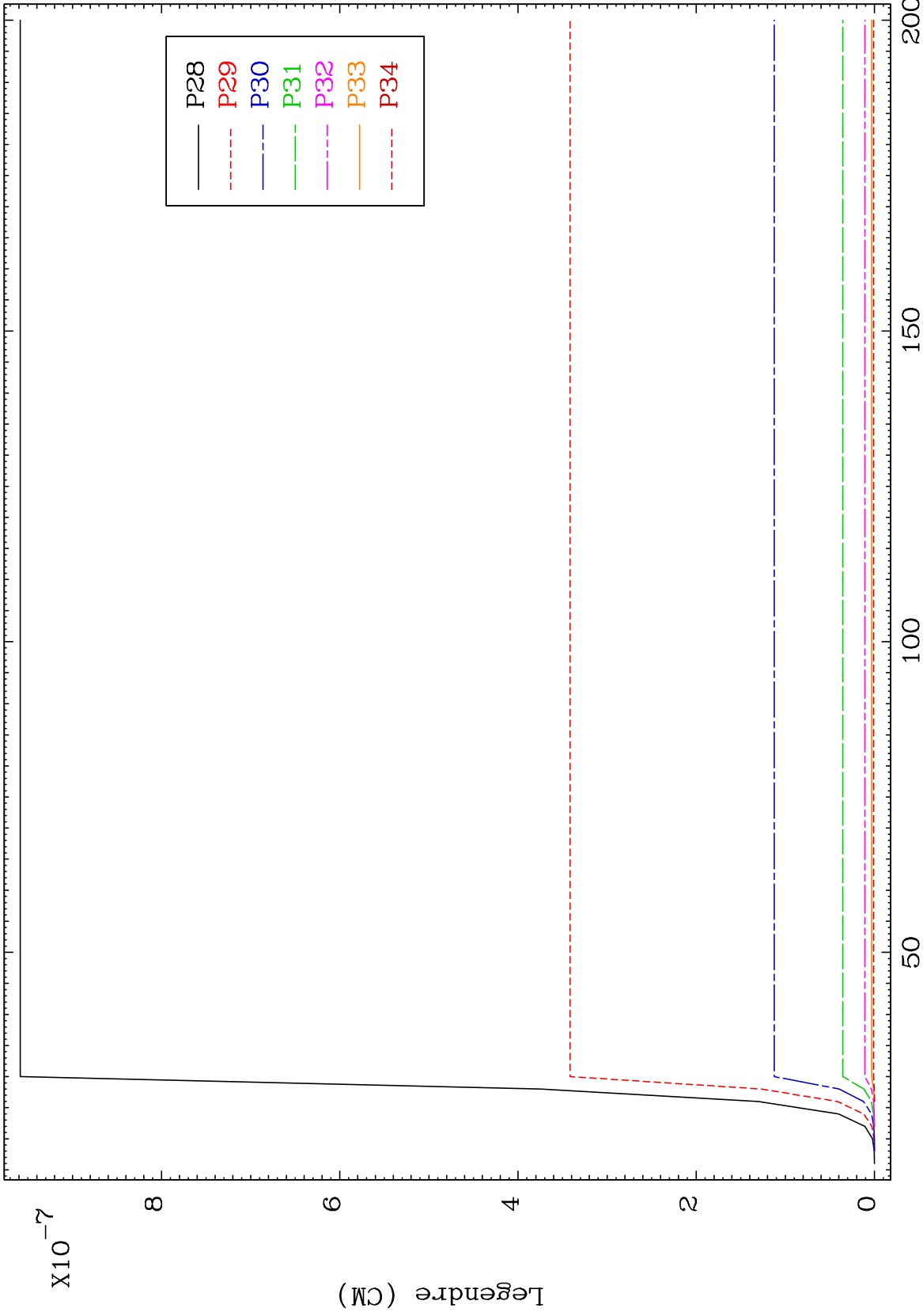
45-Rh-115



MAT 4561

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

45-Rh-115



111

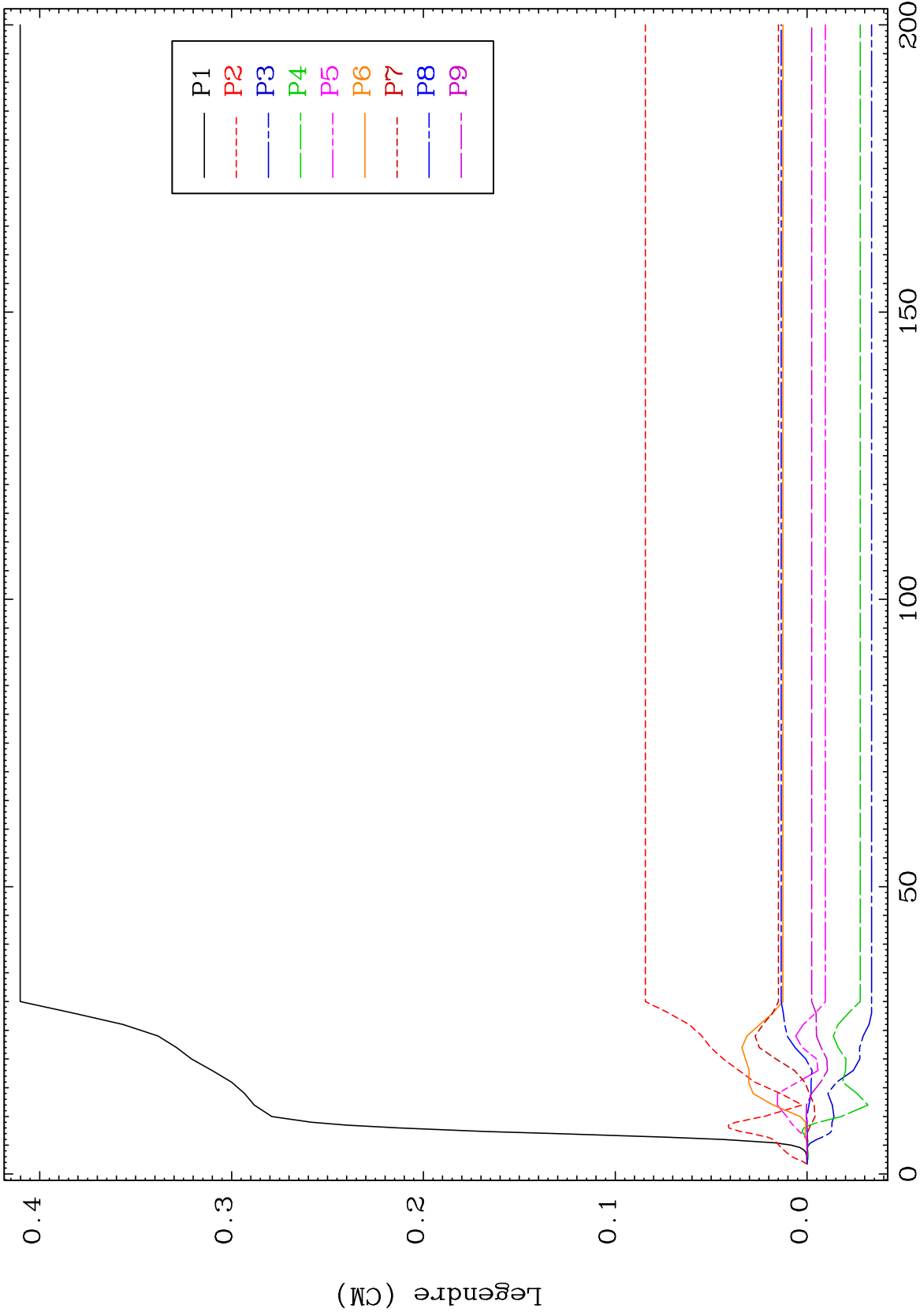
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



112

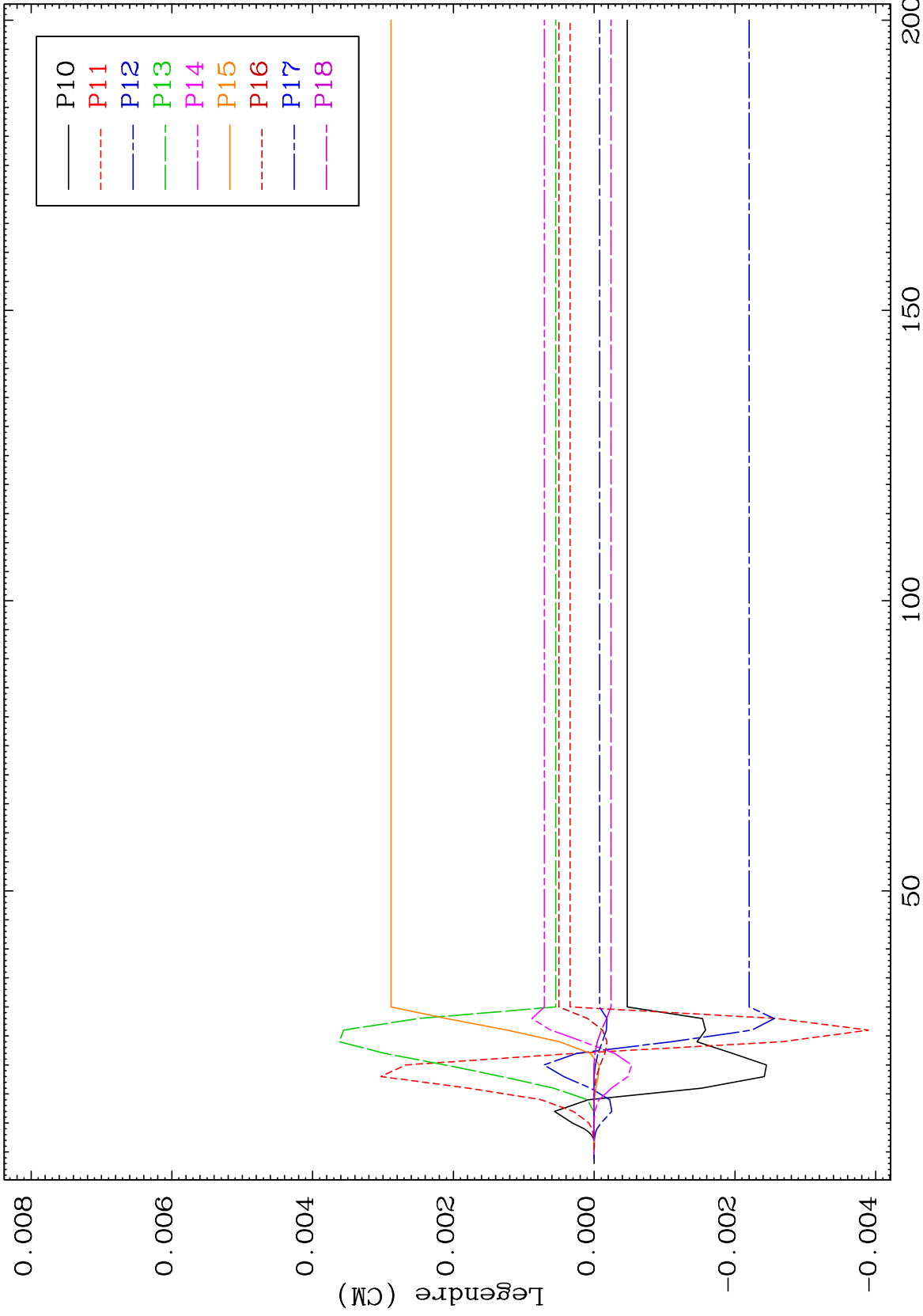
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



113

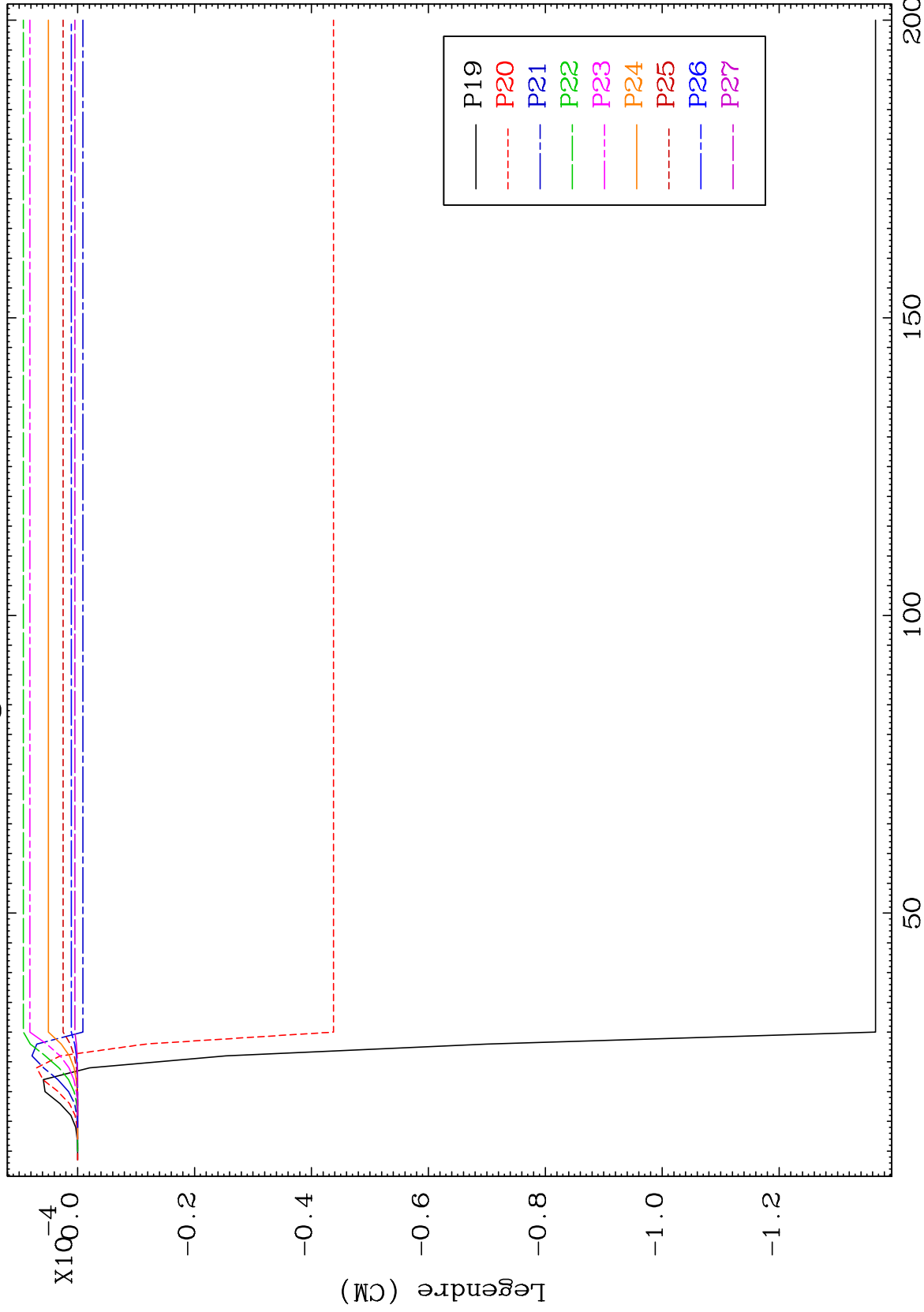
Incident Energy (MeV)

45-Rh-115

MAT 4561

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

45-Rh-115



114

Incident Energy (MeV)

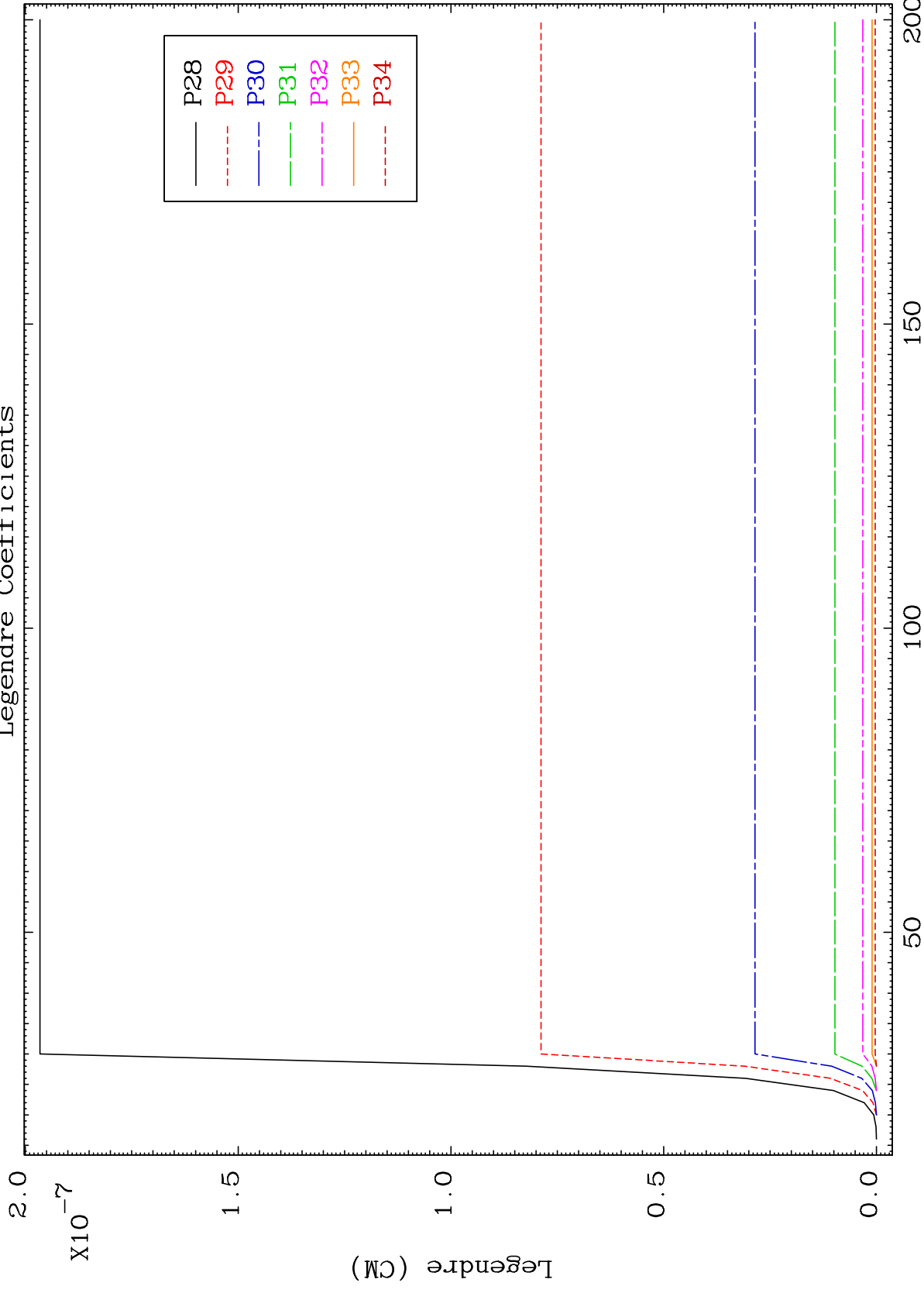
45-Rh-115

MAT 4561

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

45-Rh-115

45-Rh-115



115

50

100

150

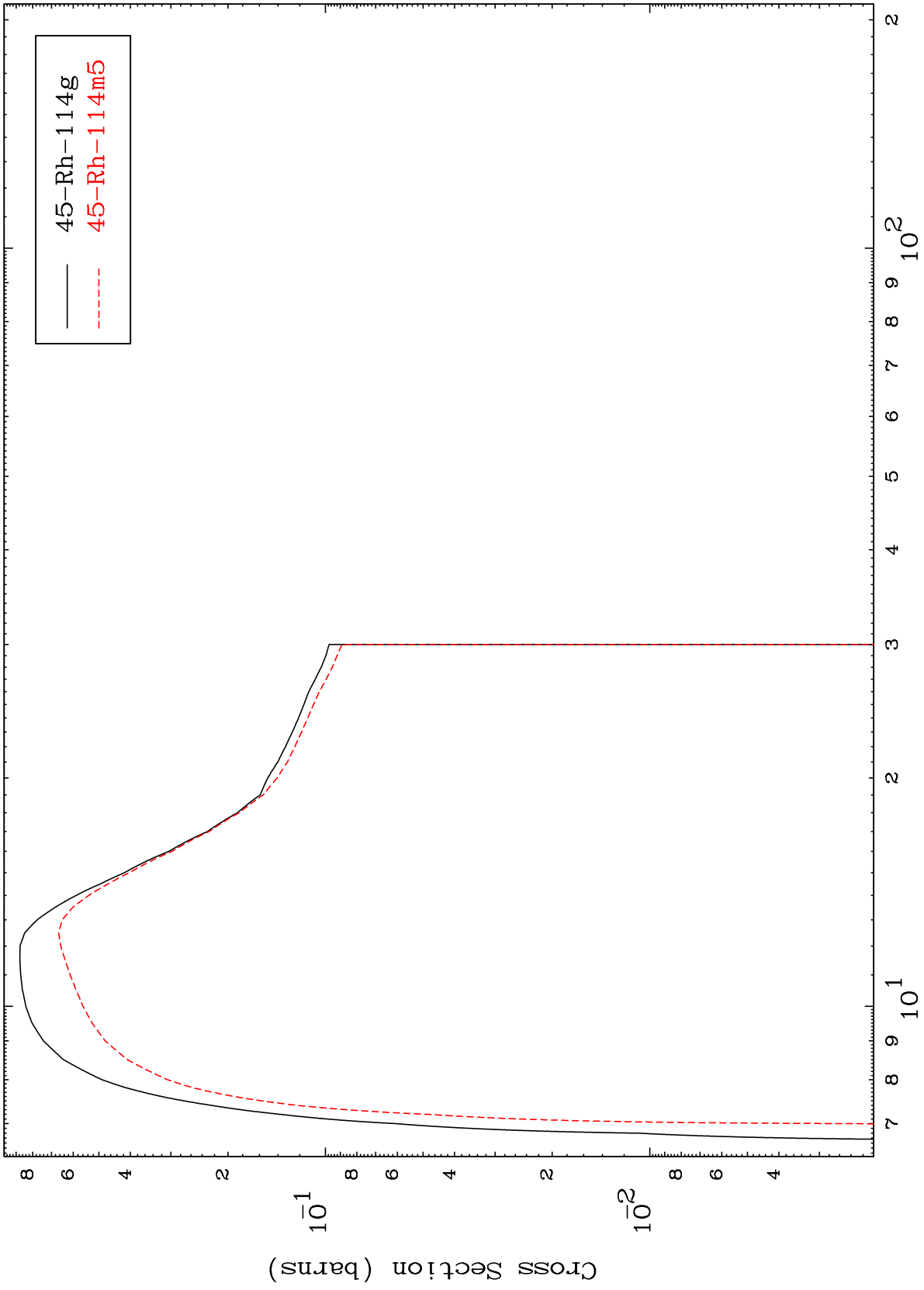
200

MAT 4561

(n,2n)

45-Rh-115

Radionuclide Production Cross Section



116

Incident Energy (MeV)

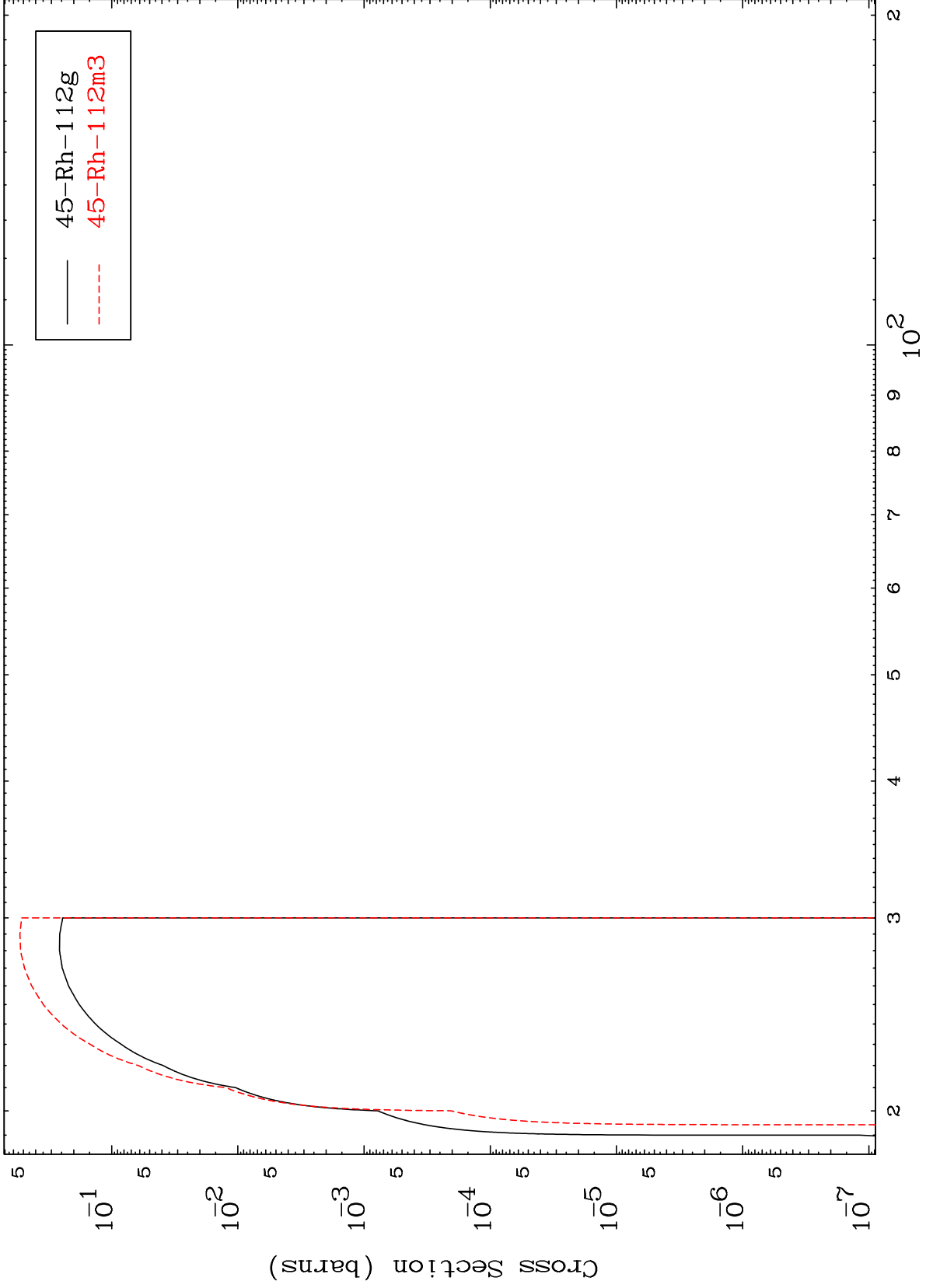
45-Rh-115

MAT 4561

(n,4n)

45-Rh-115

Radionuclide Production Cross Section



117

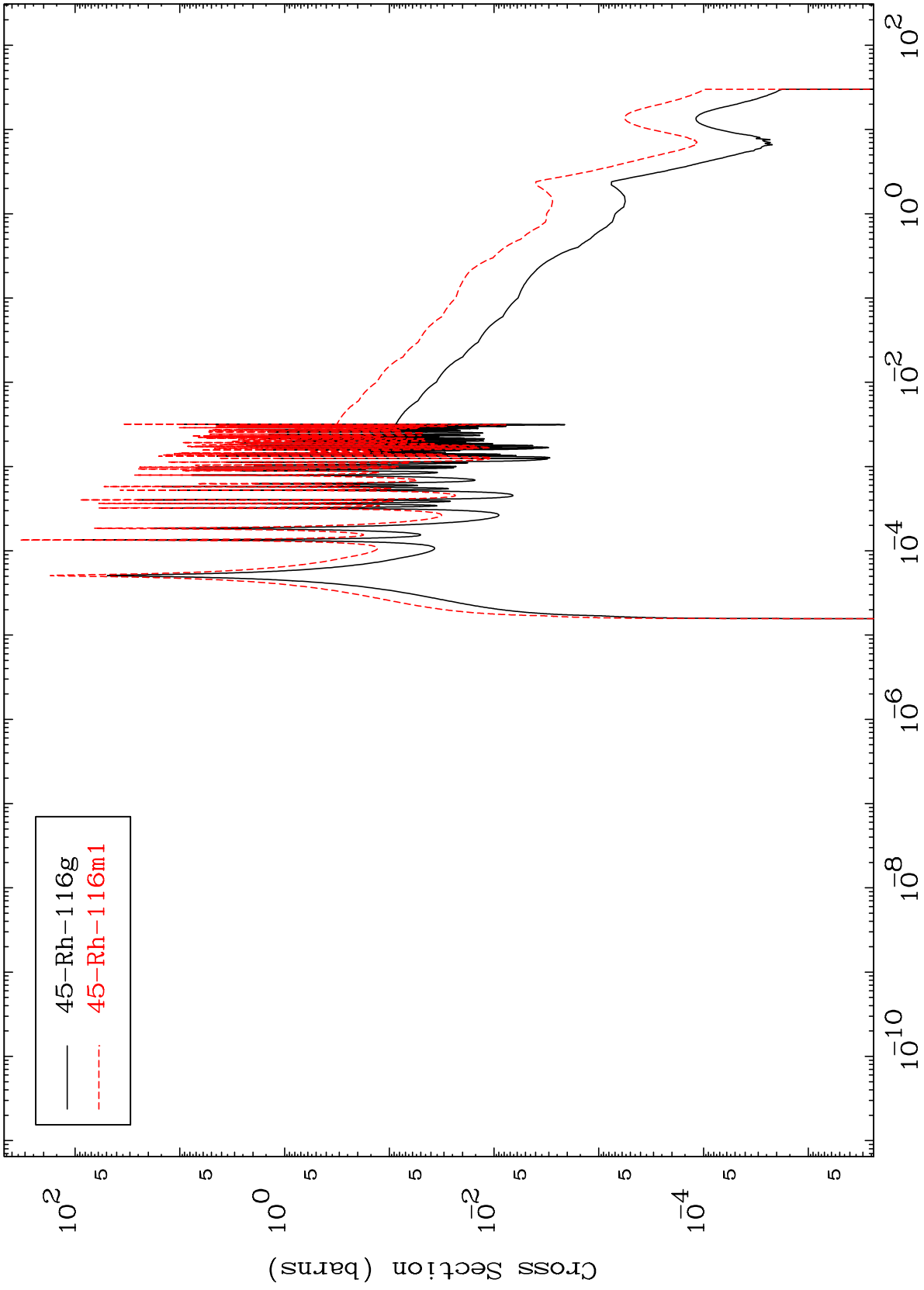
Incident Energy (MeV)

45-Rh-115

MAT 4561

45-Rh-115

Radionuclide Production Cross Section (n,γ)



118

45-Rh-115