

Program EVALPLOT
(Version 2018-1)

by

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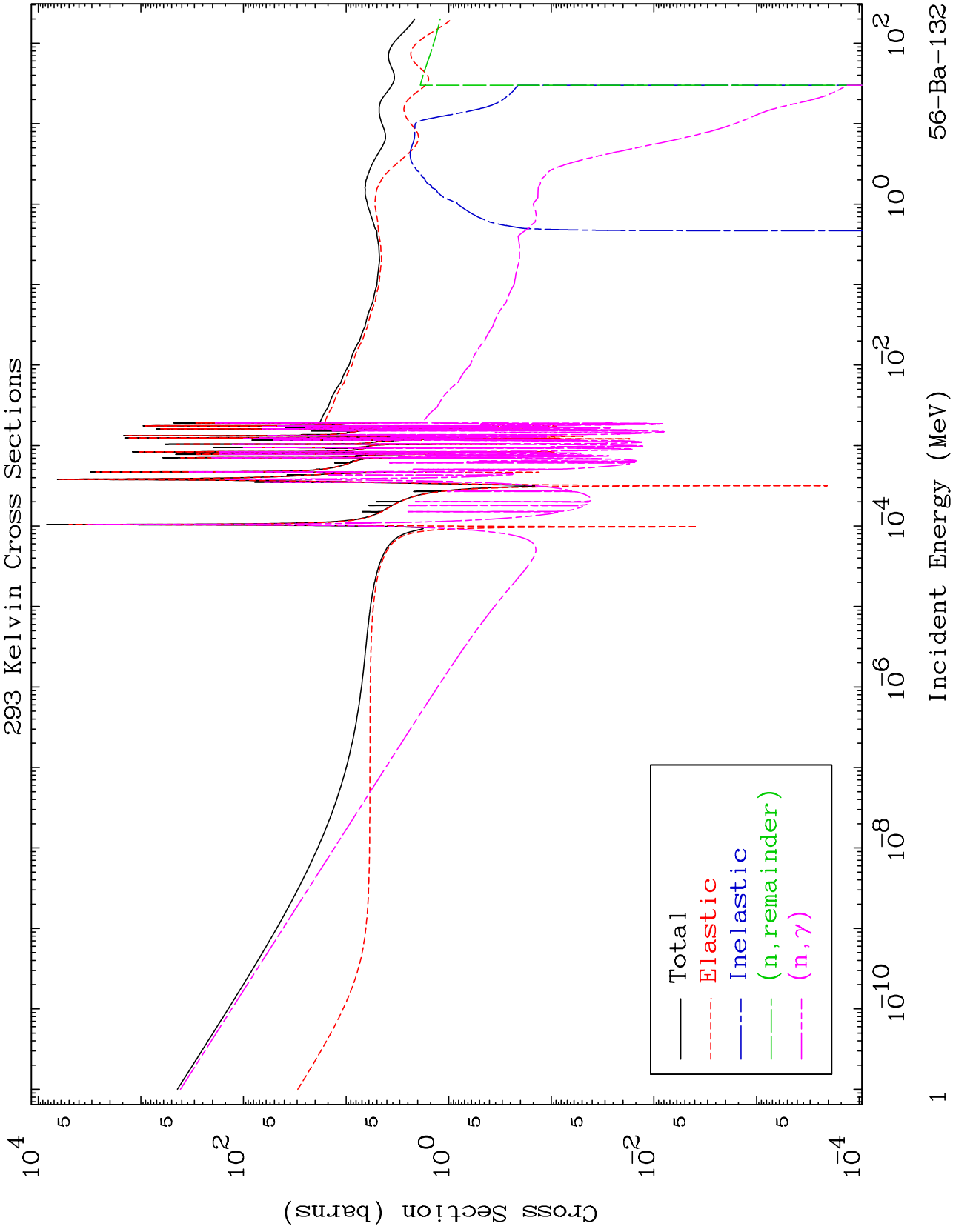
Press Mouse Button to Start

MAT 5631

Major

293 Kelvin Cross Sections

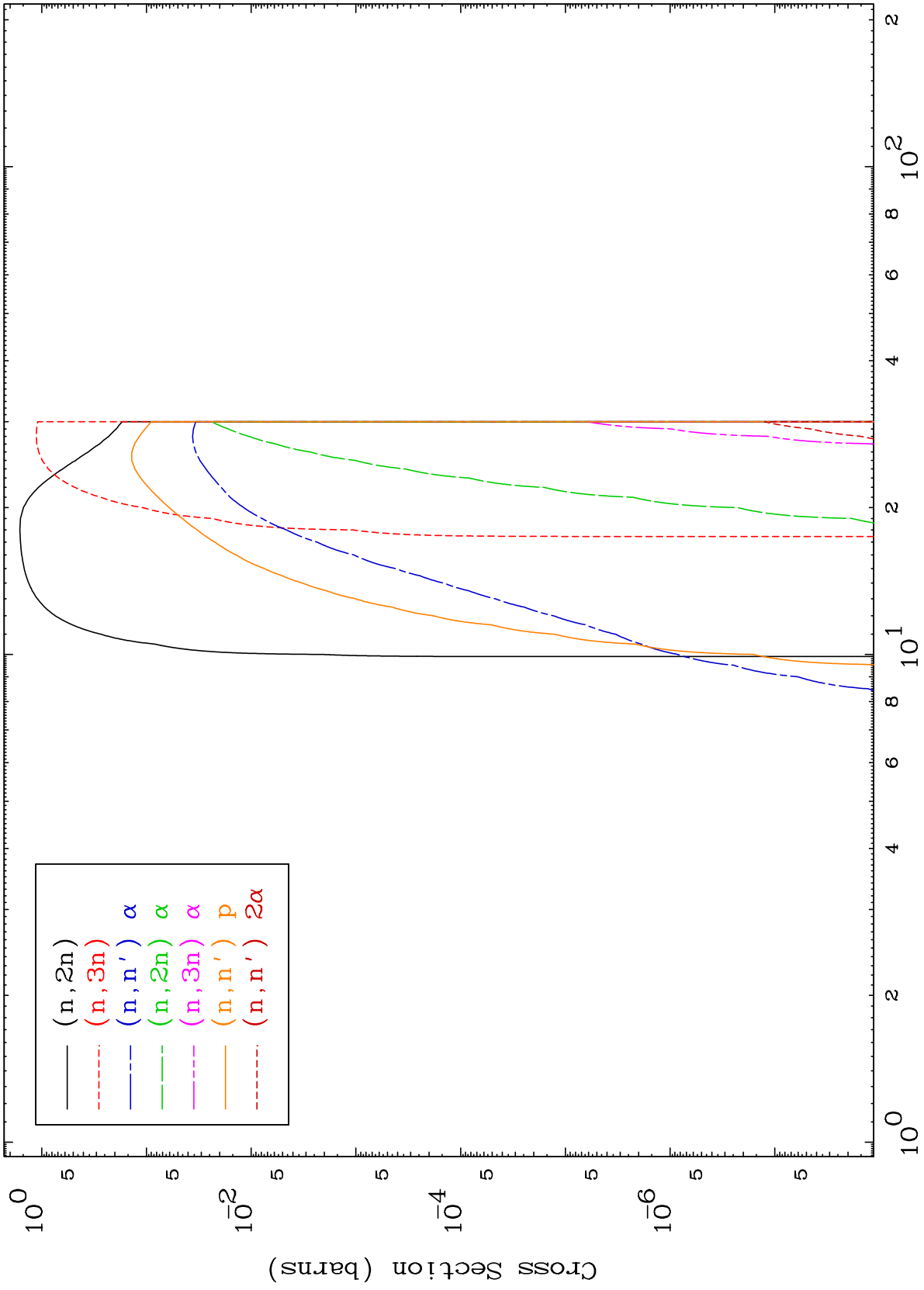
56-Ba-132



MAT 5631

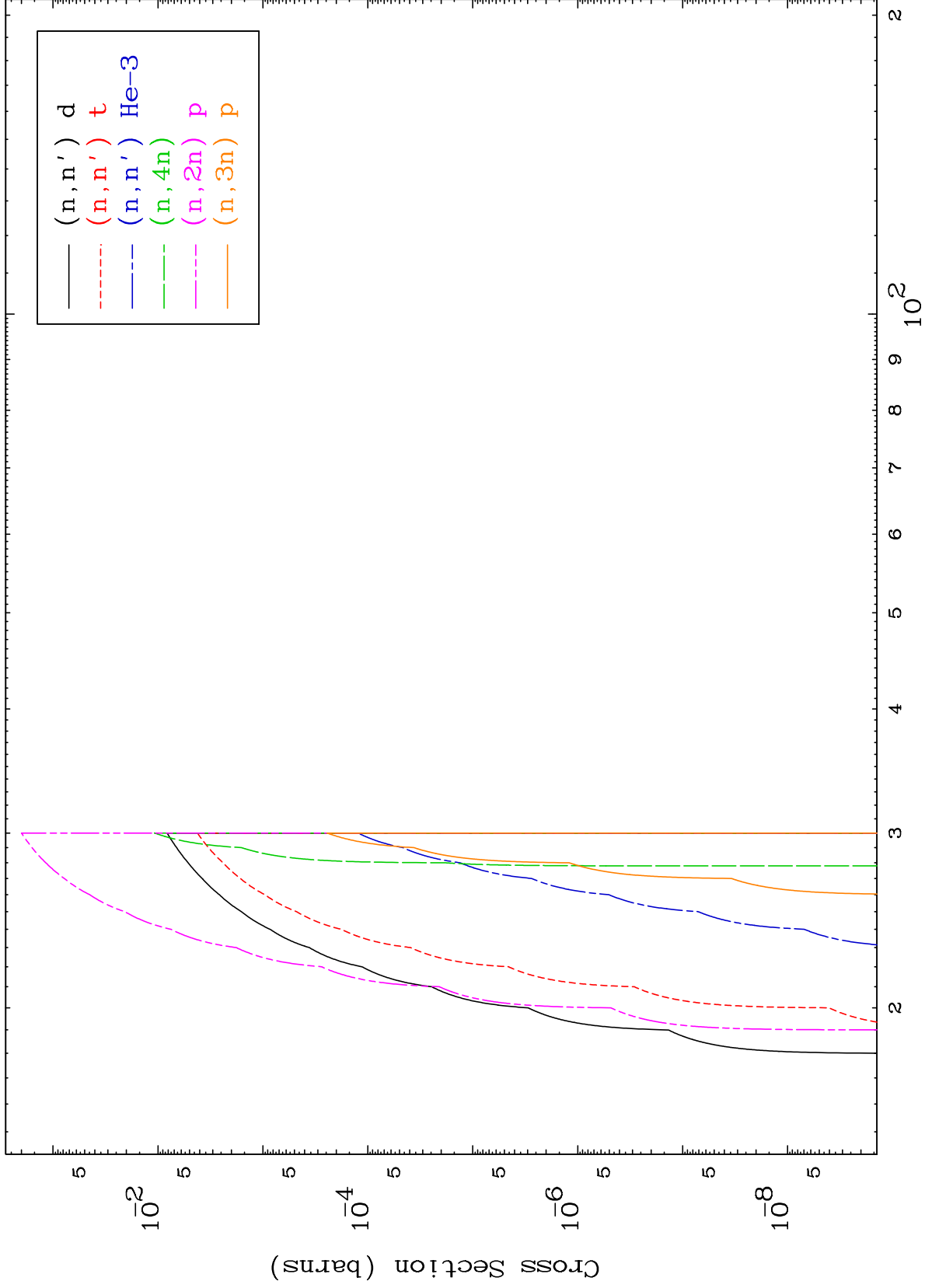
Neutron Production
293 Kelvin Cross Sections

56-Ba-132



Incident Energy (MeV)

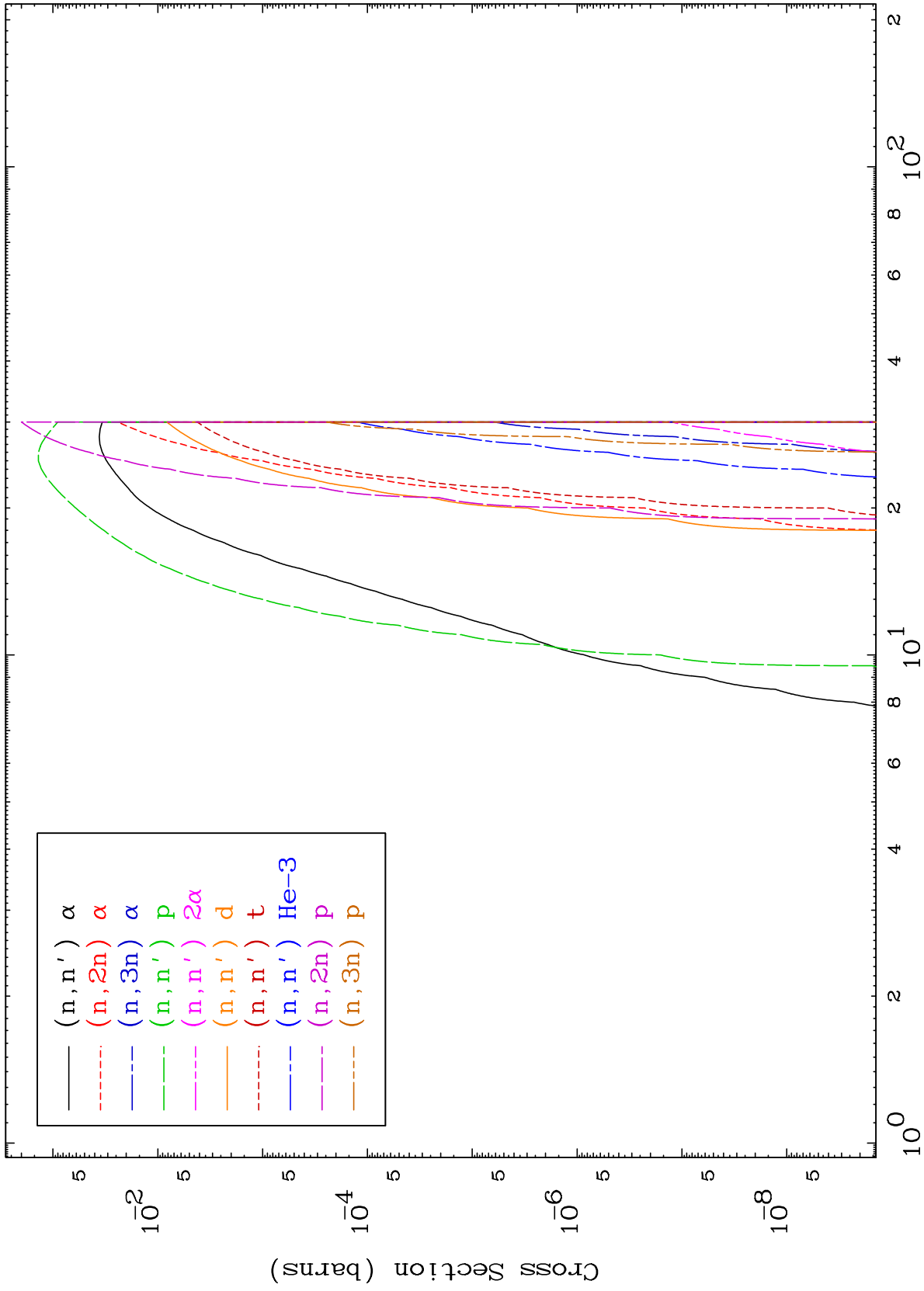
56-Ba-132



MAT 5631

293 Kelvin Cross Sections

56-Ba-132



56-Ba-132

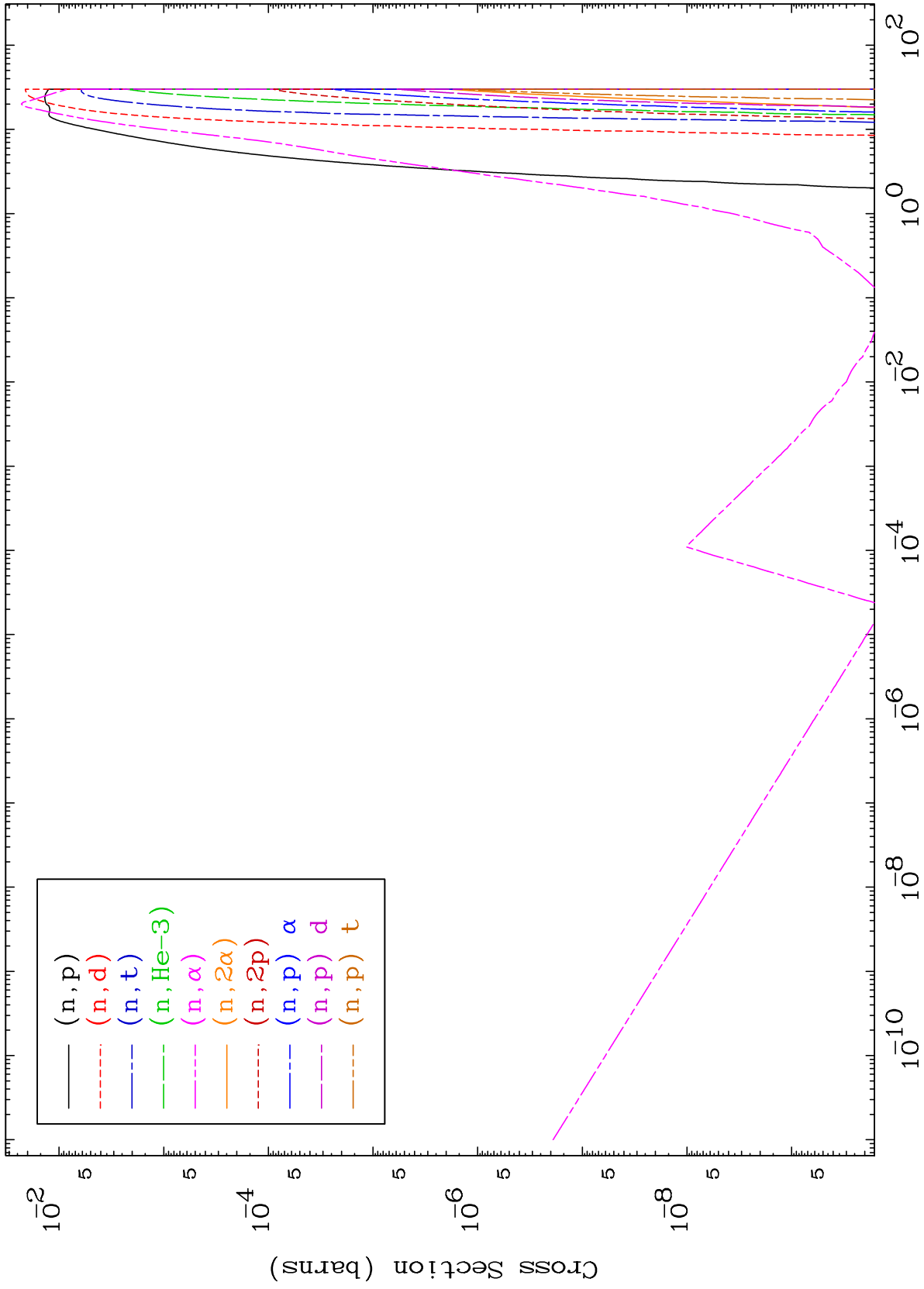
Incident Energy (MeV)

4

MAT 5631

Charged Particle
293 Kelvin Cross Sections

56-Ba-132



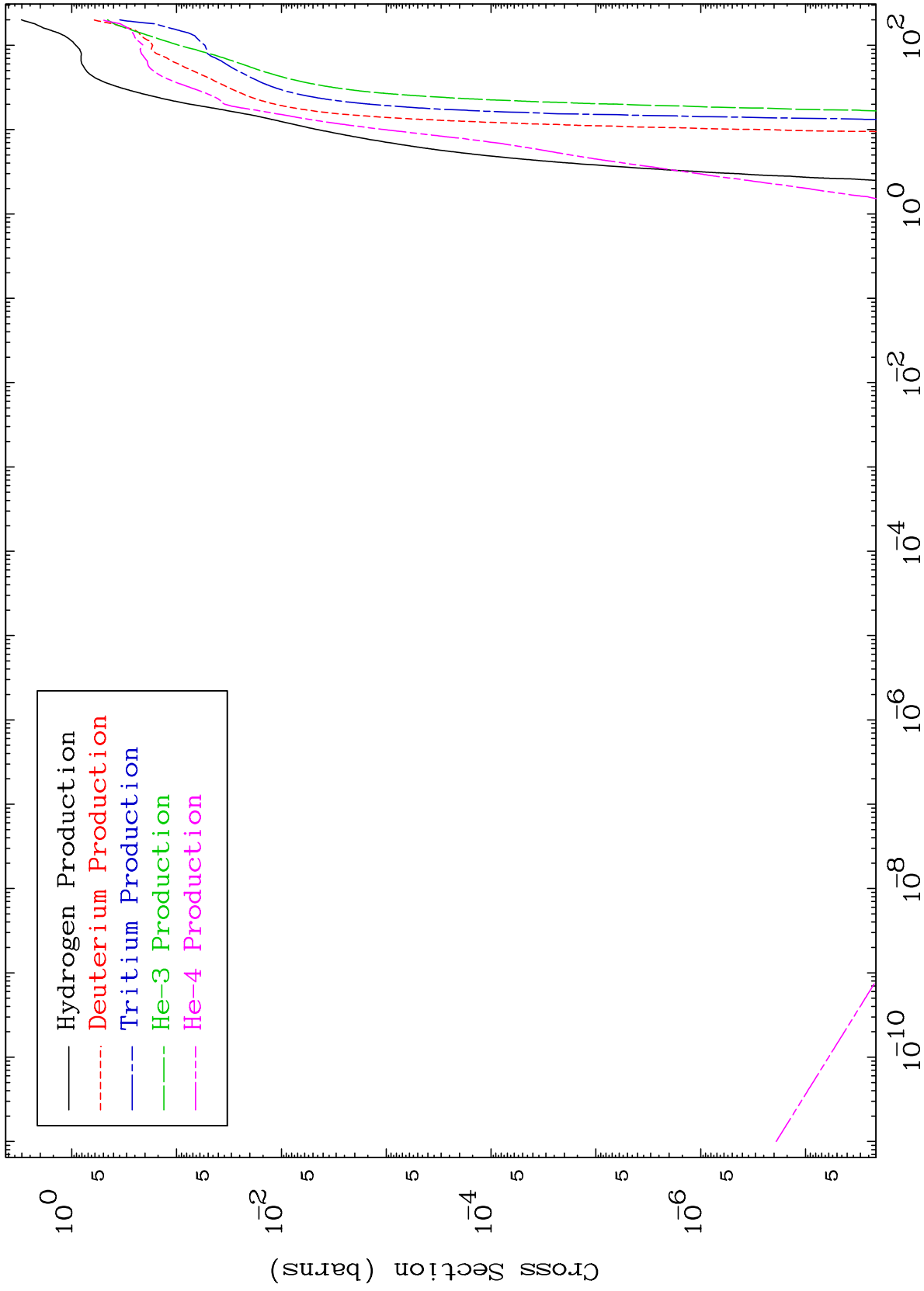
5

56-Ba-132

MAT 5631

Particle Production
293 Kelvin Cross Sections

56-Ba-132



6

Incident Energy (MeV)

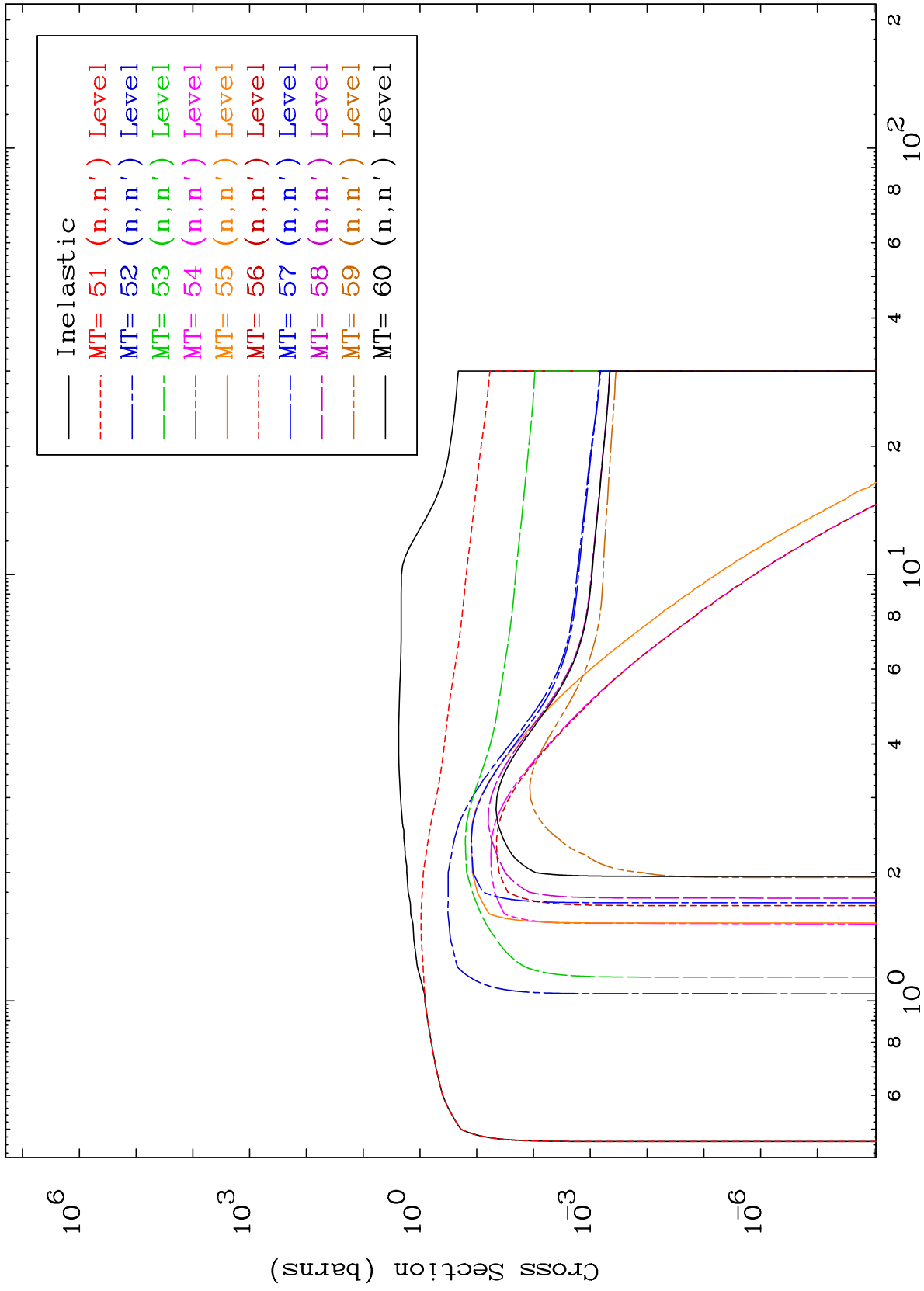
56-Ba-132

MAT 5631

(n,n') Level

56-Ba-132

293 Kelvin Cross Sections



7

Incident Energy (MeV)

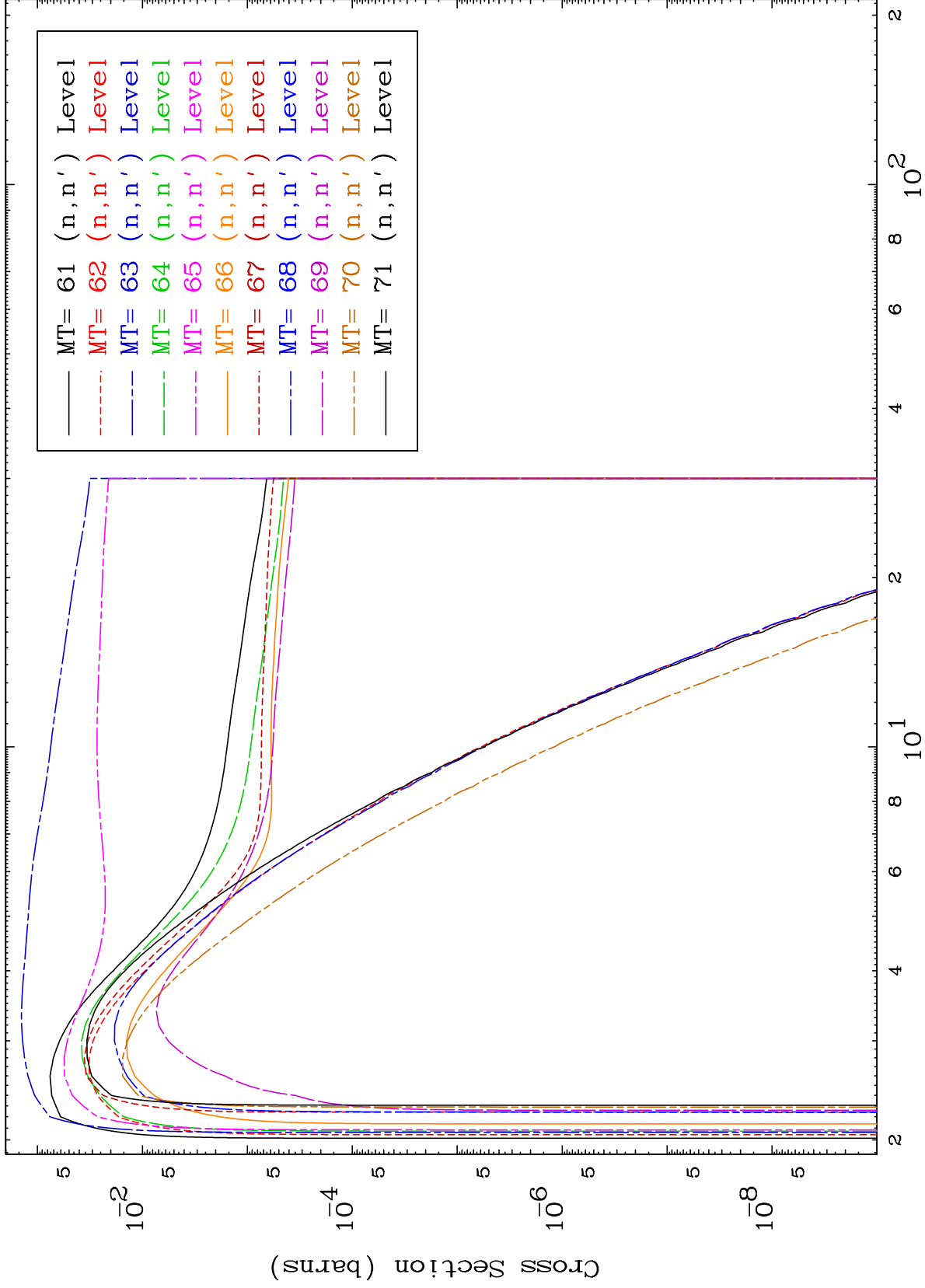
56-Ba-132

MAT 5631

(n,n') Level

293 Kelvin Cross Sections

56-Ba-132



8

Incident Energy (MeV)

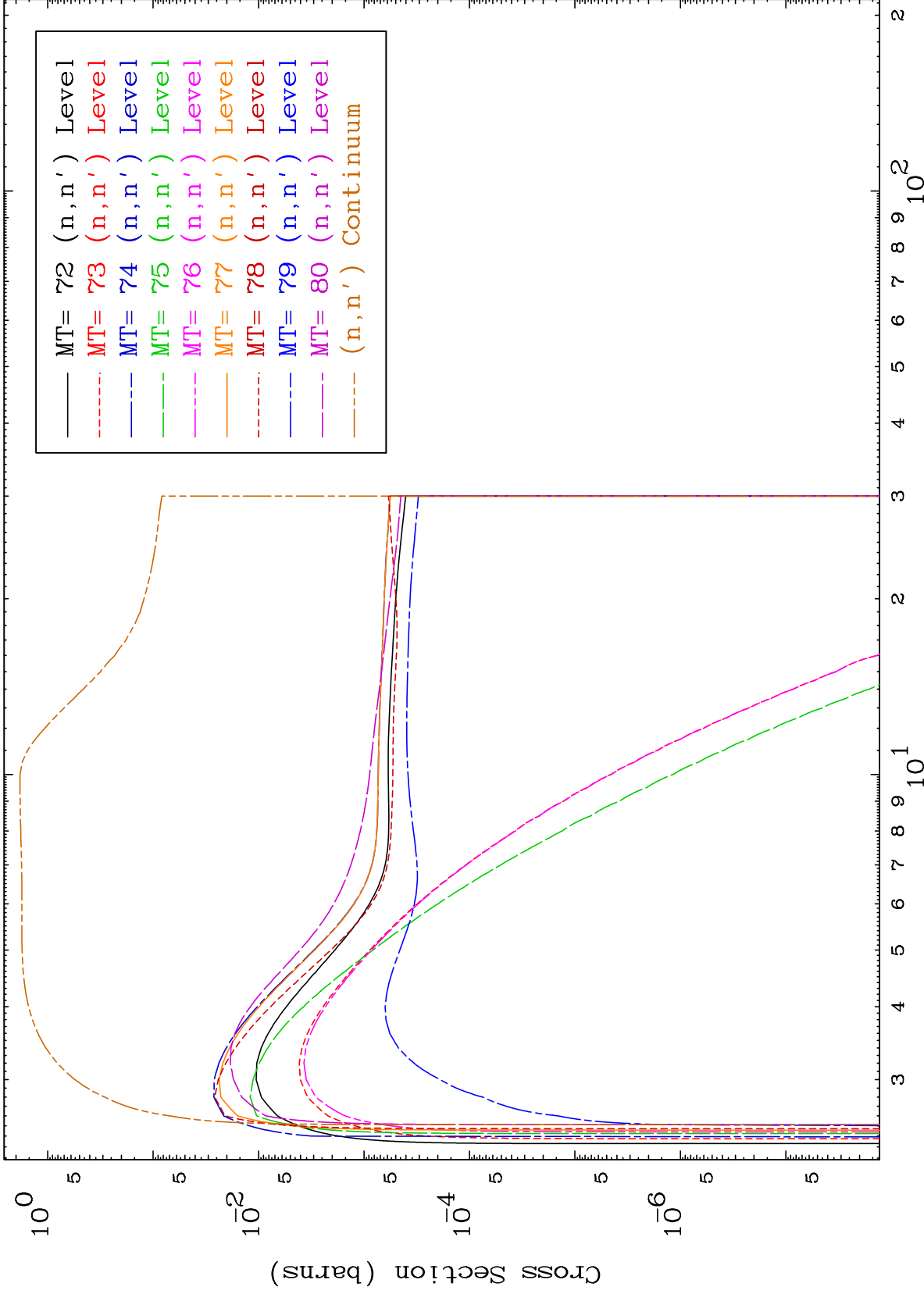
56-Ba-132

MAT 5631

(n,n') Level

56-Ba-132

293 Kelvin Cross Sections



9

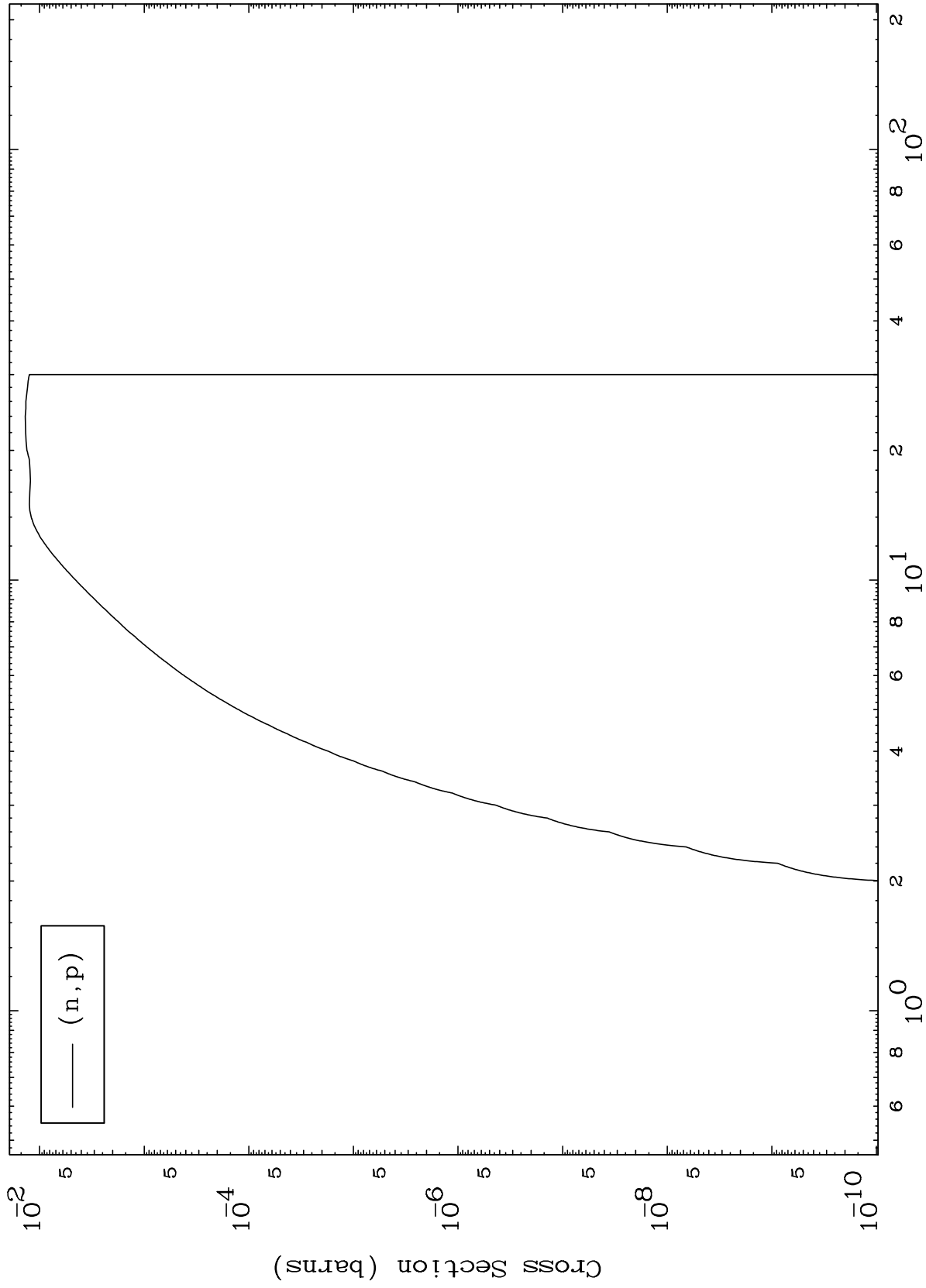
Incident Energy (MeV)

56-Ba-132

MAT 5631

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-132



10

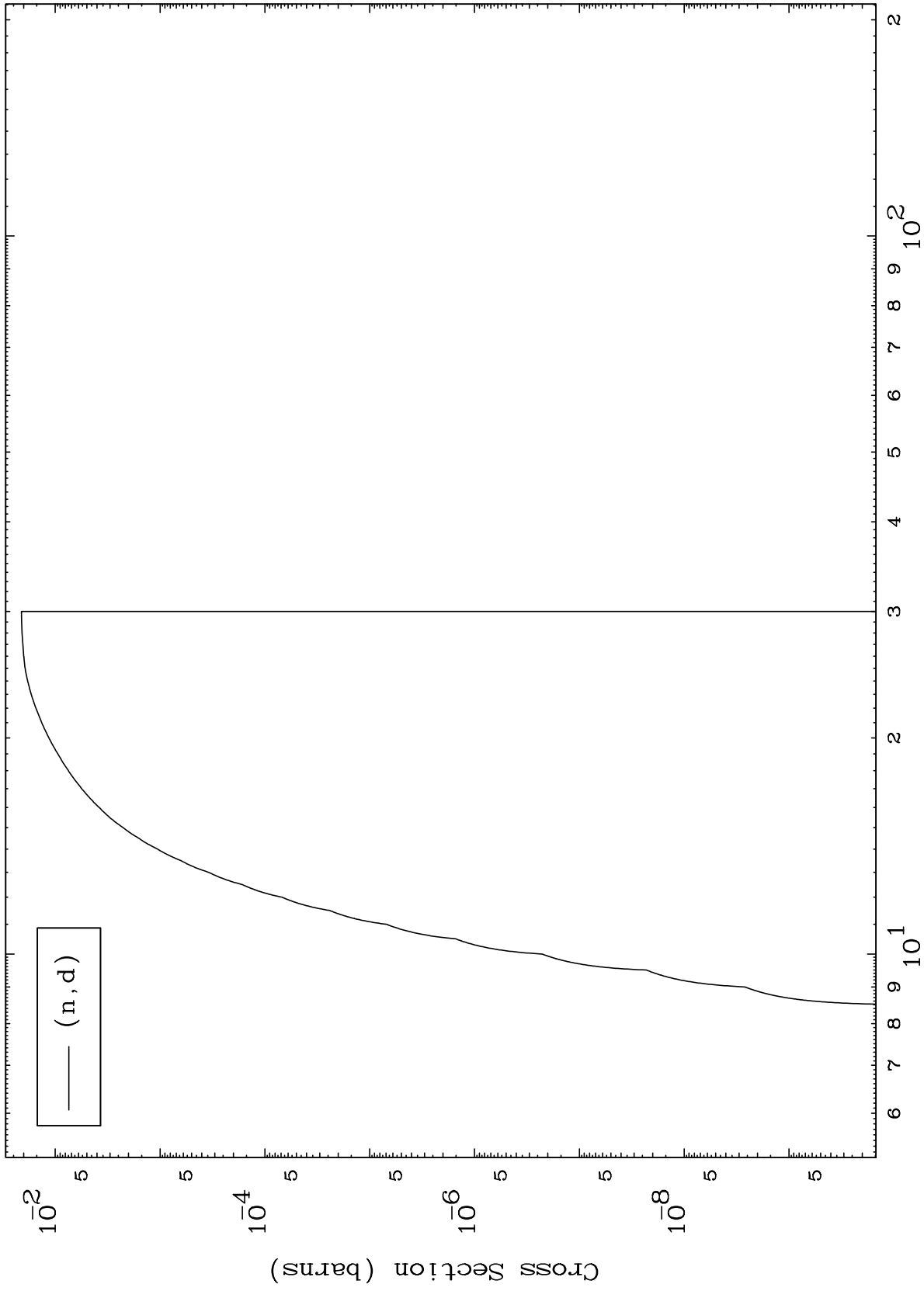
Incident Energy (MeV)

56-Ba-132

MAT 5631

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-132



11

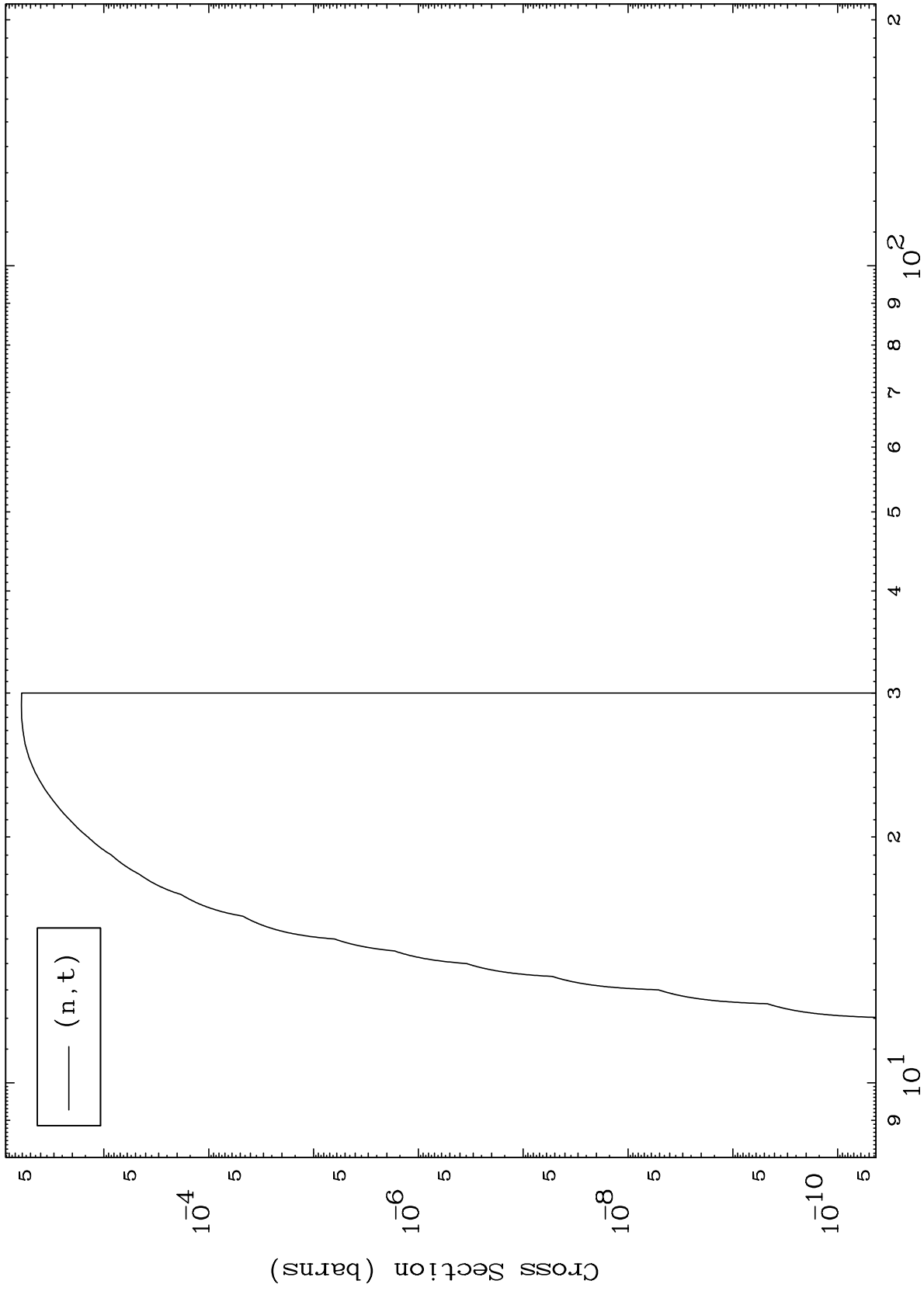
Incident Energy (MeV)

56-Ba-132

MAT 5631

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-132



12

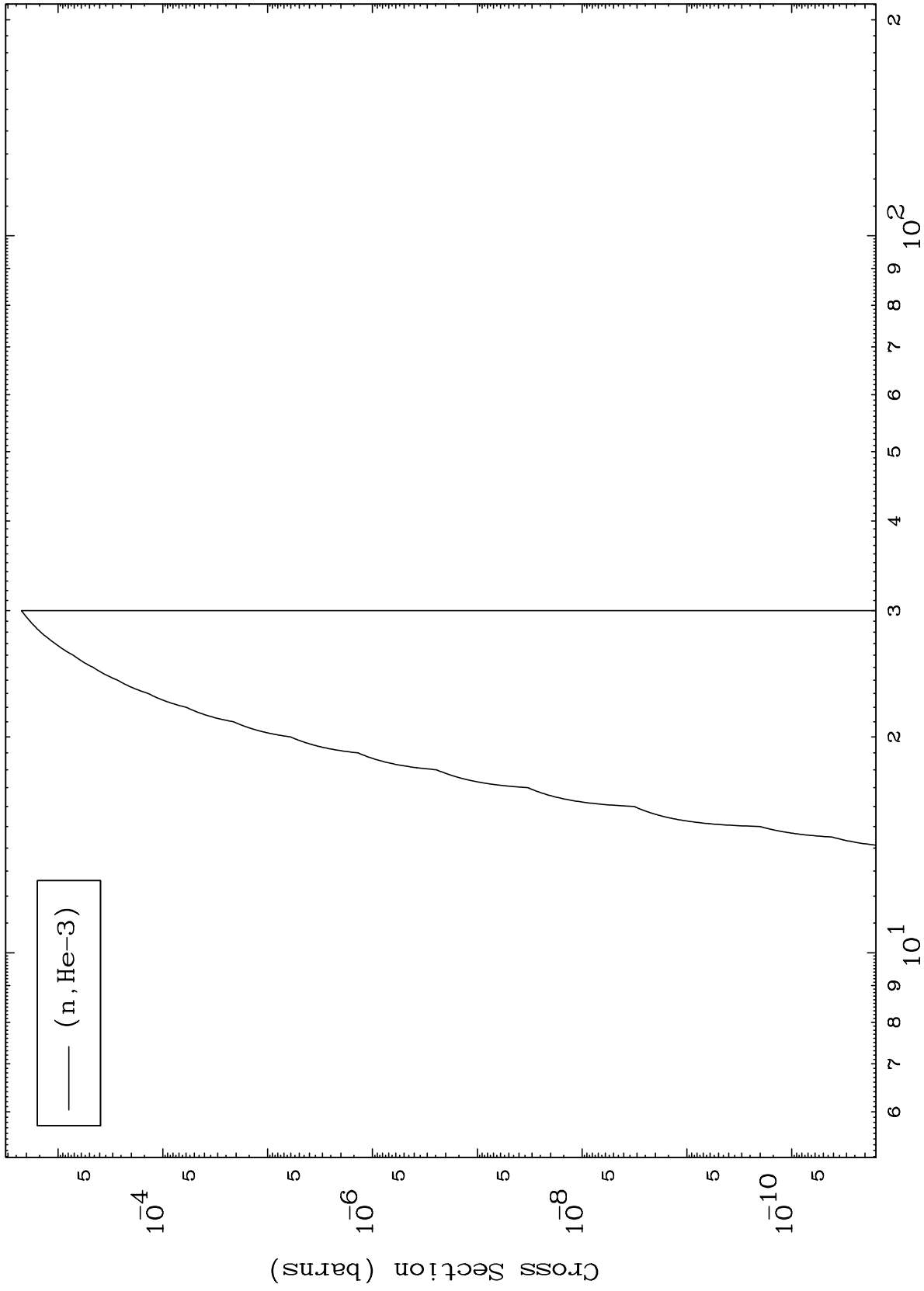
Incident Energy (MeV)

56-Ba-132

MAT 5631

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-132



13

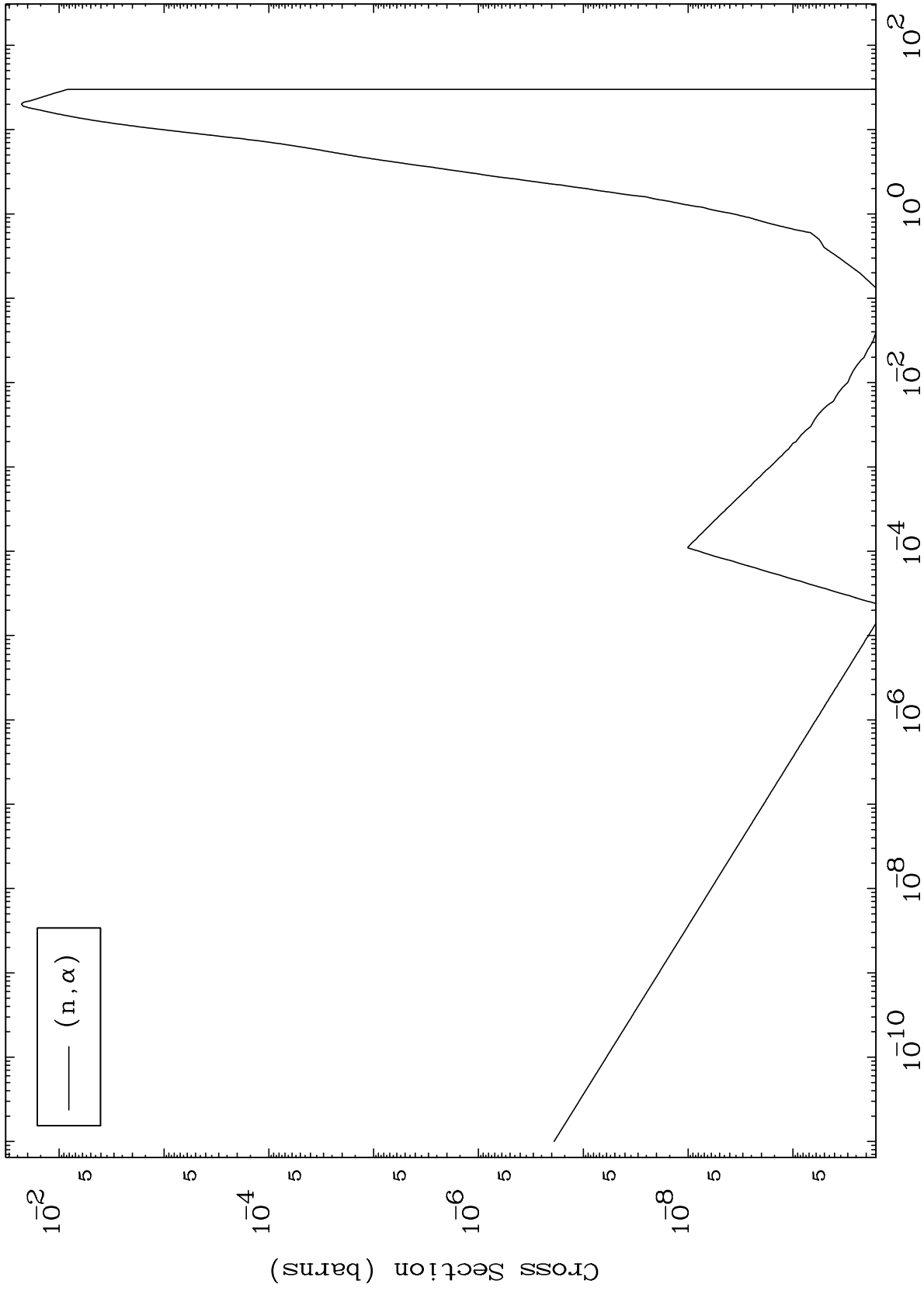
Incident Energy (MeV)

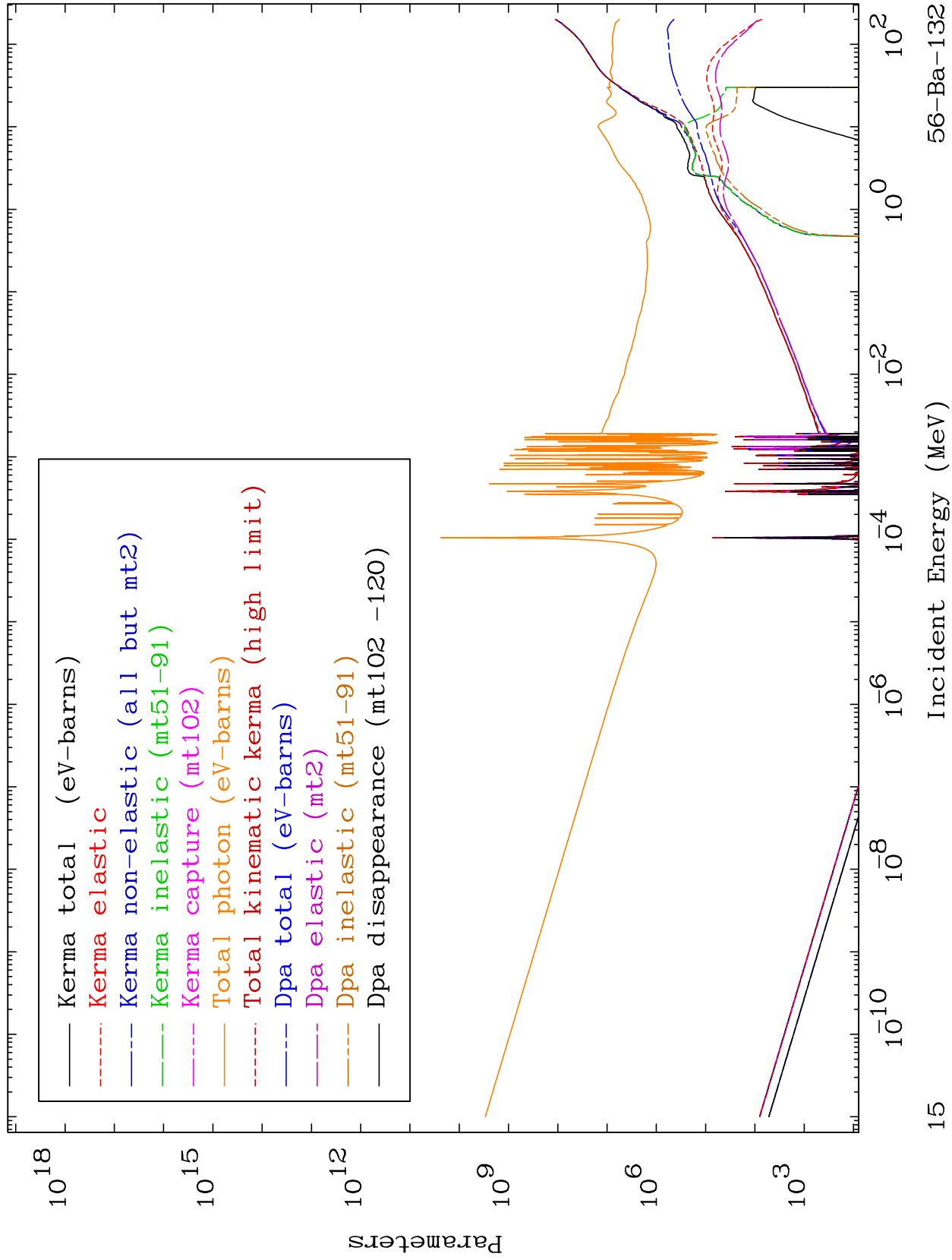
56-Ba-132

MAT 5631

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-132

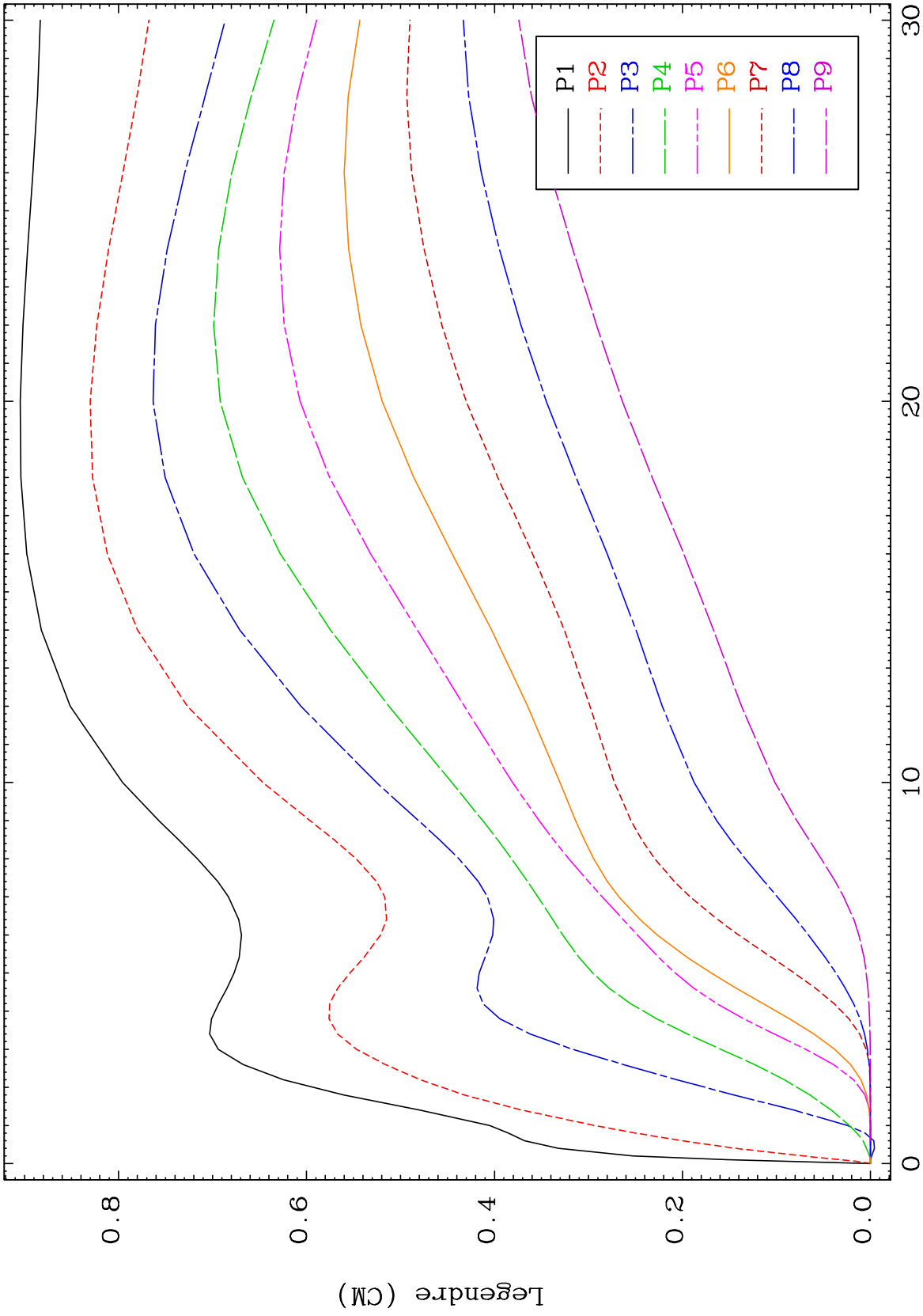




MAT 5631

Elastic Legendre Coefficients

56-Ba-132



16

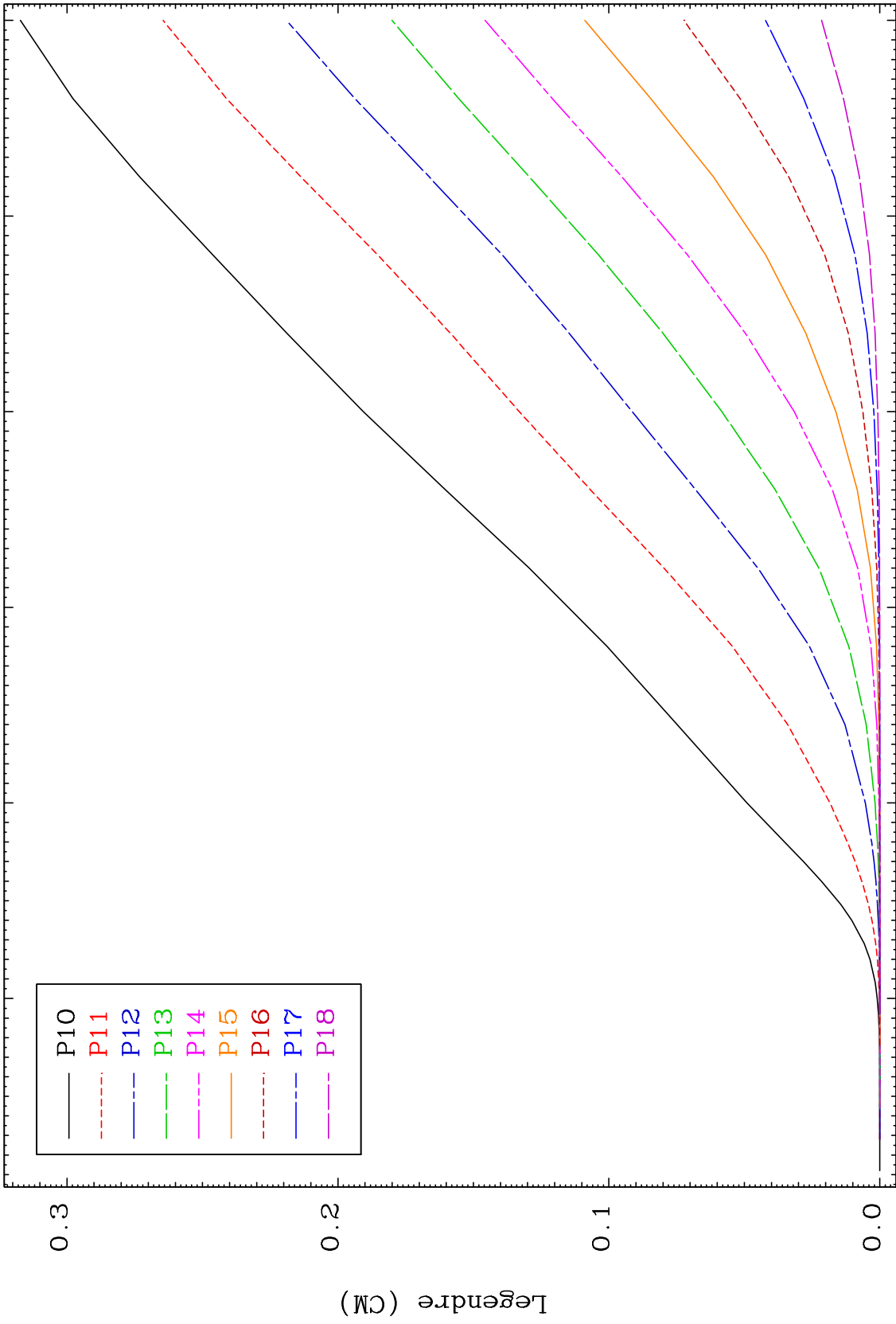
Incident Energy (MeV)

56-Ba-132

MAT 5631

Elastic Legendre Coefficients

56-Ba-132



17

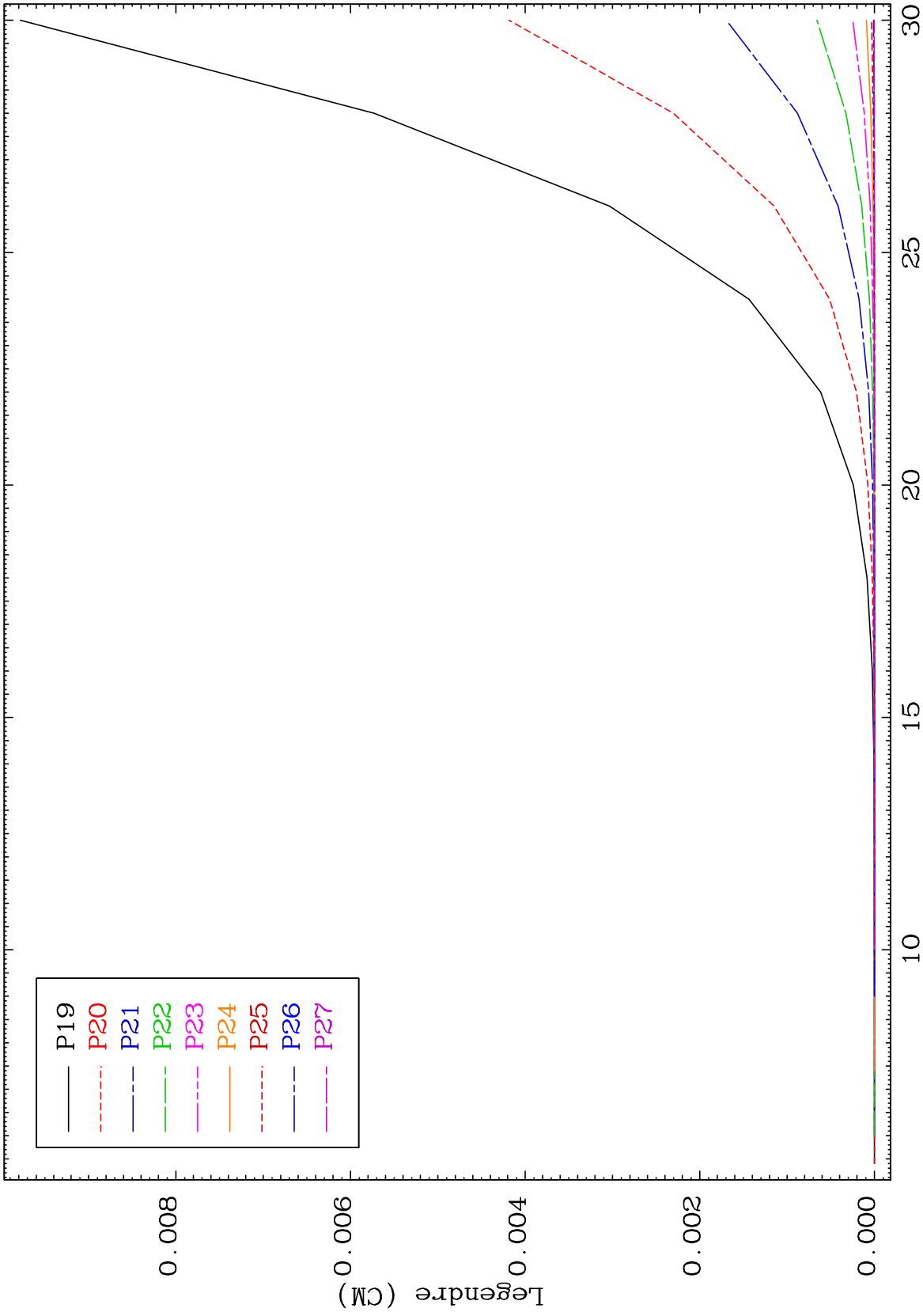
Incident Energy (MeV)

56-Ba-132

MAT 5631

Elastic Legendre Coefficients

56-Ba-132



18

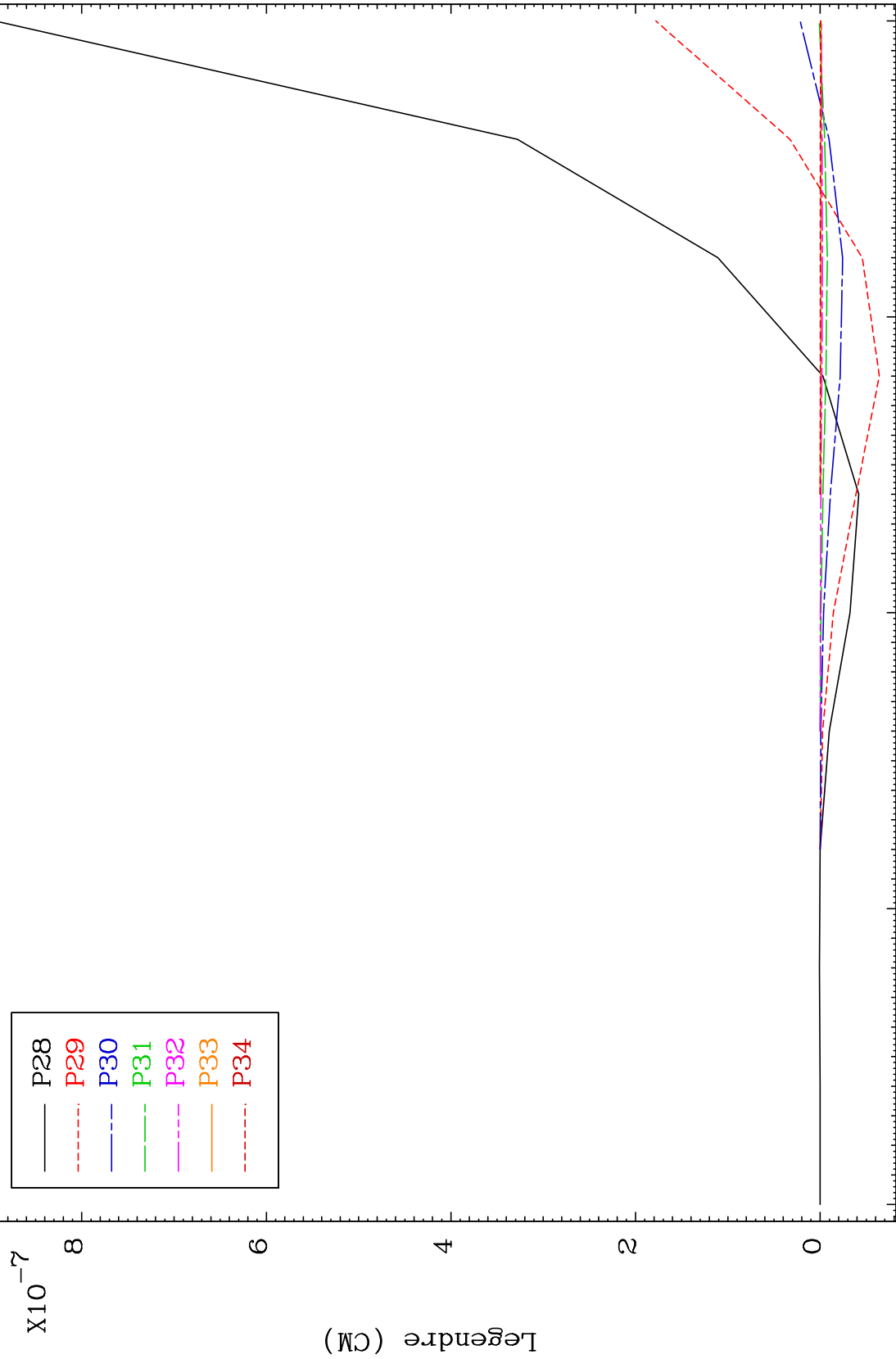
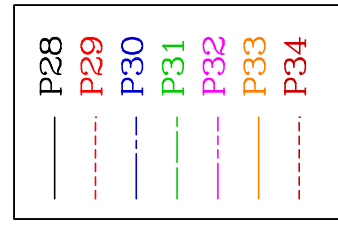
Incident Energy (MeV)

56-Ba-132

MAT 5631

Elastic Legendre Coefficients

56-Ba-132



19

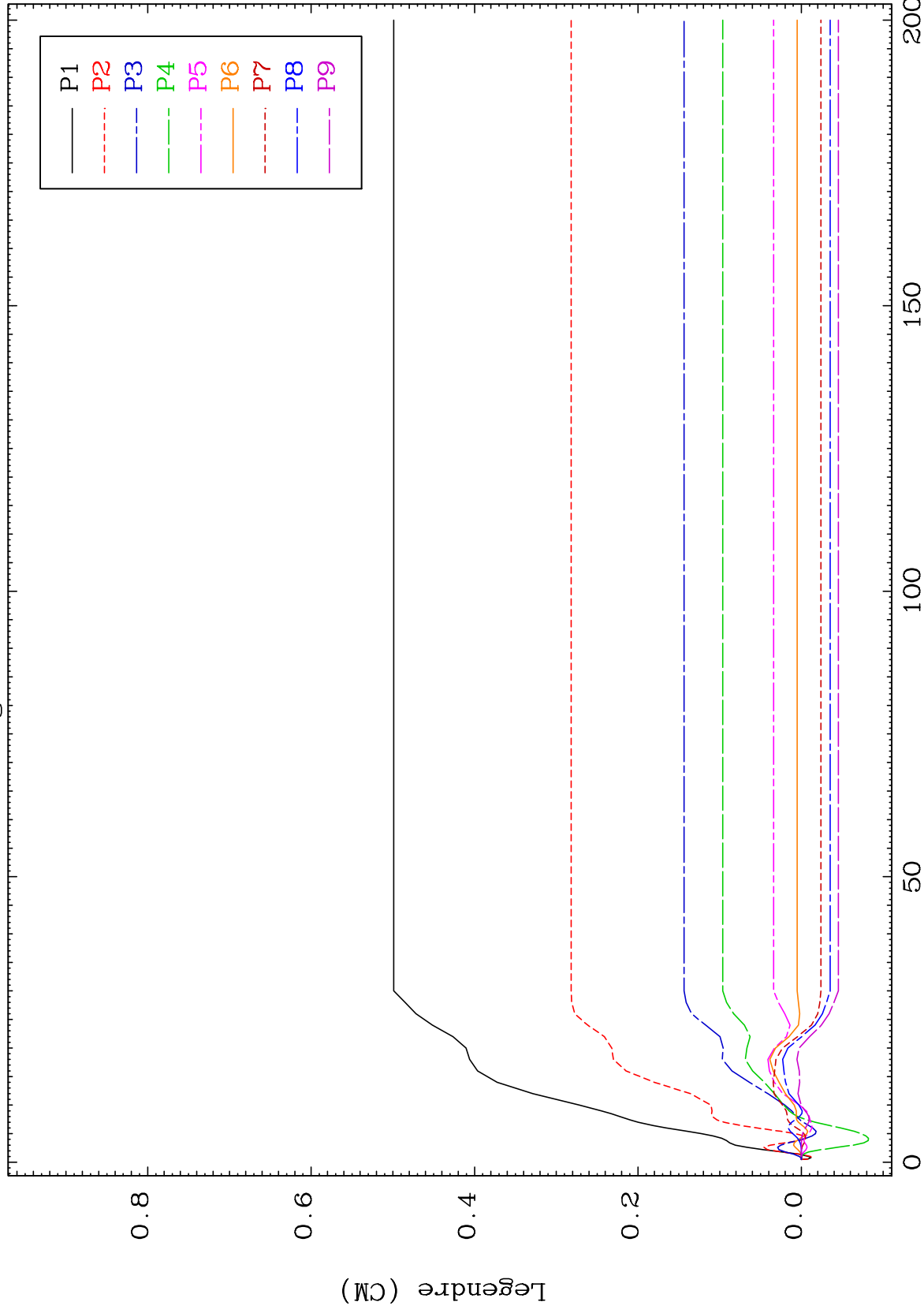
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



56-Ba-132

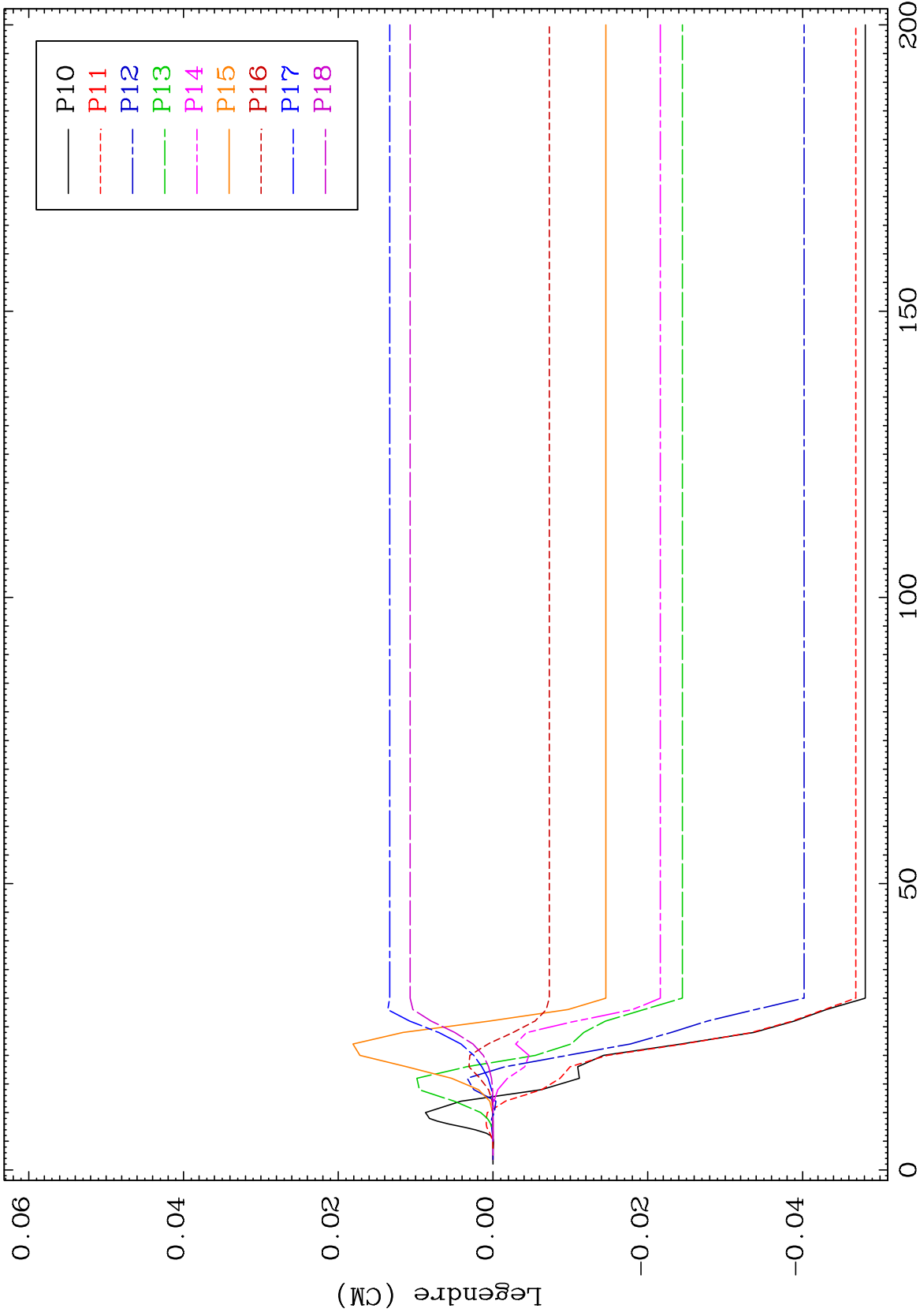
Incident Energy (MeV)

20

MAT 5631

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

56-Ba-132



21

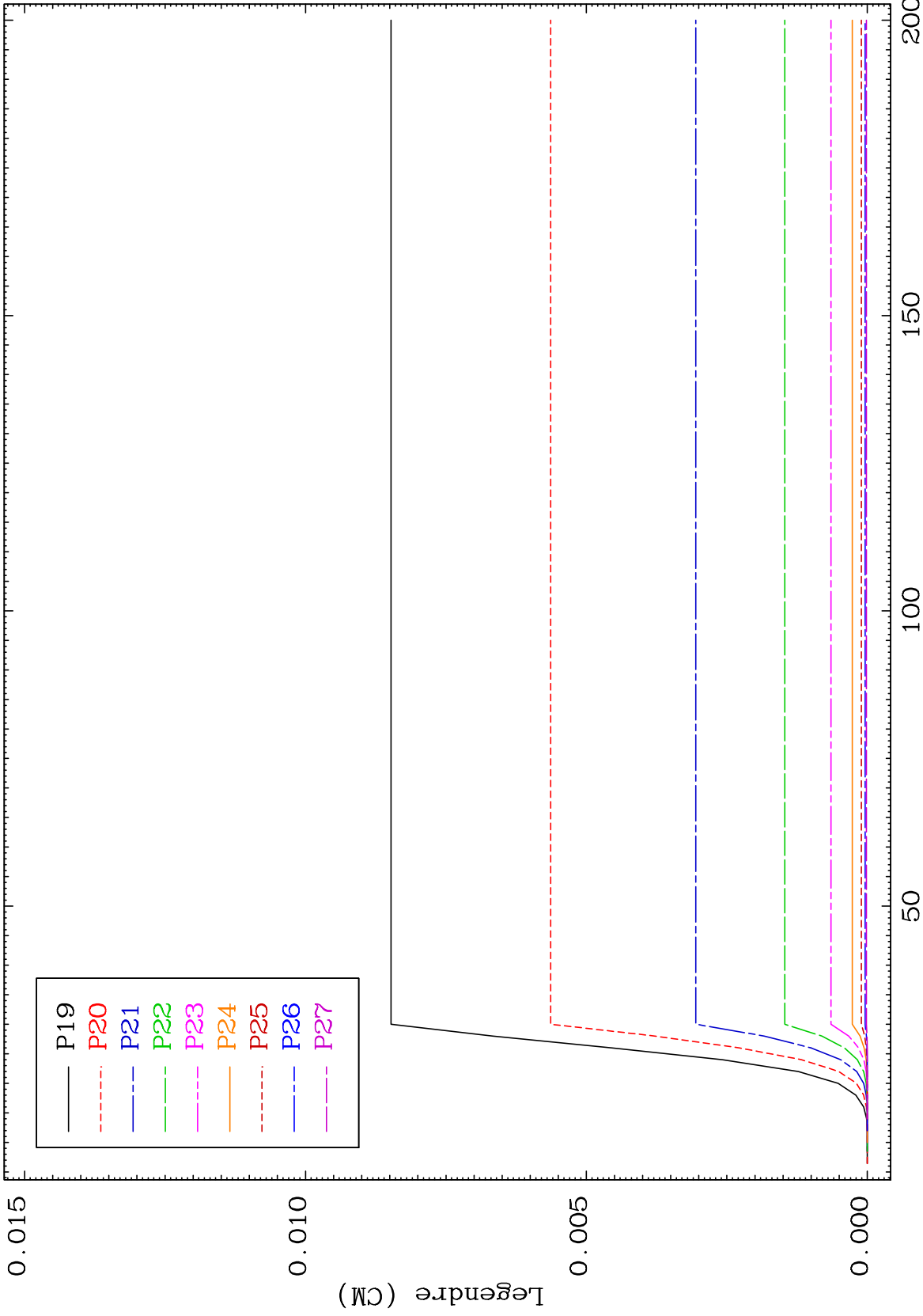
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



22

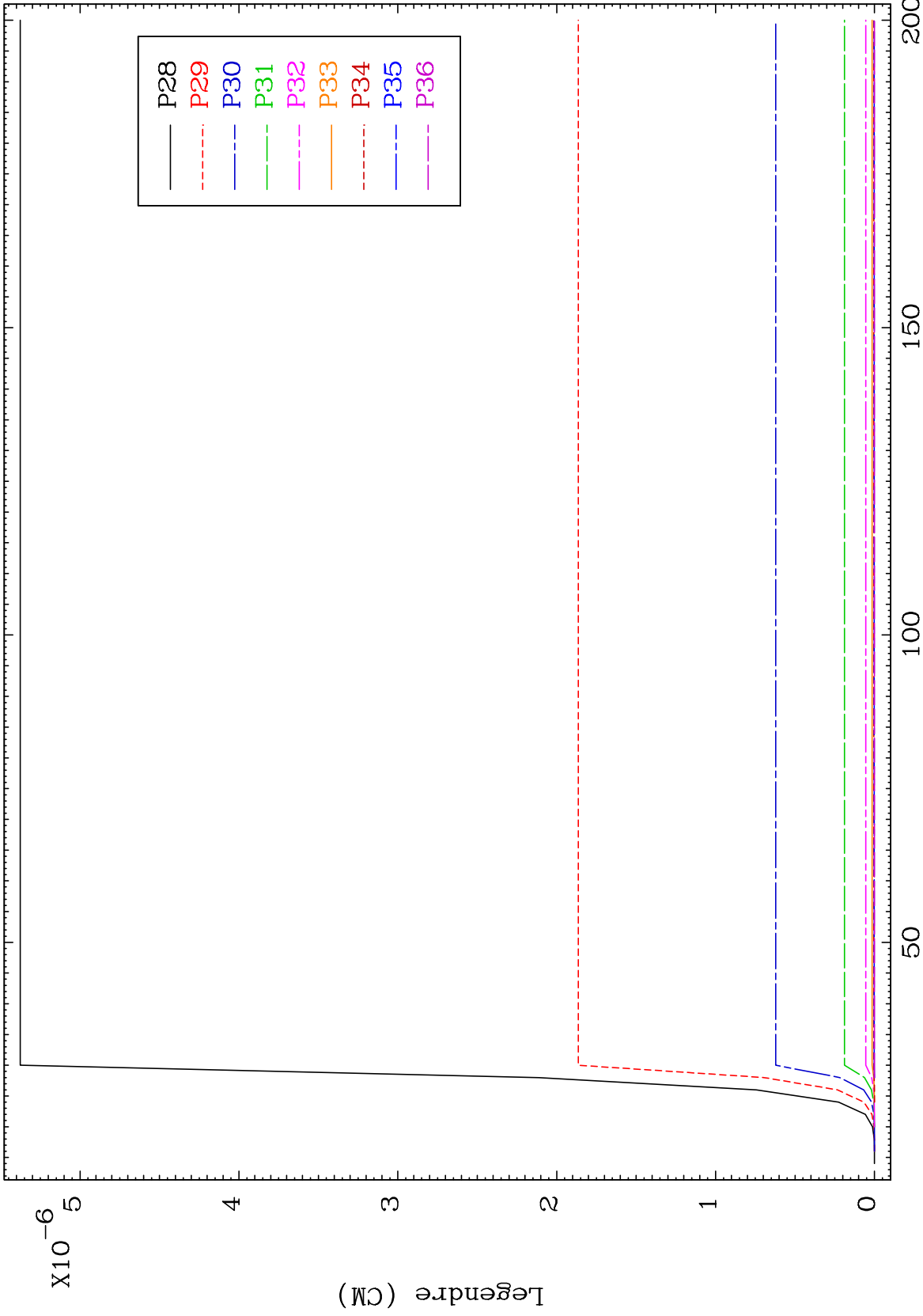
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

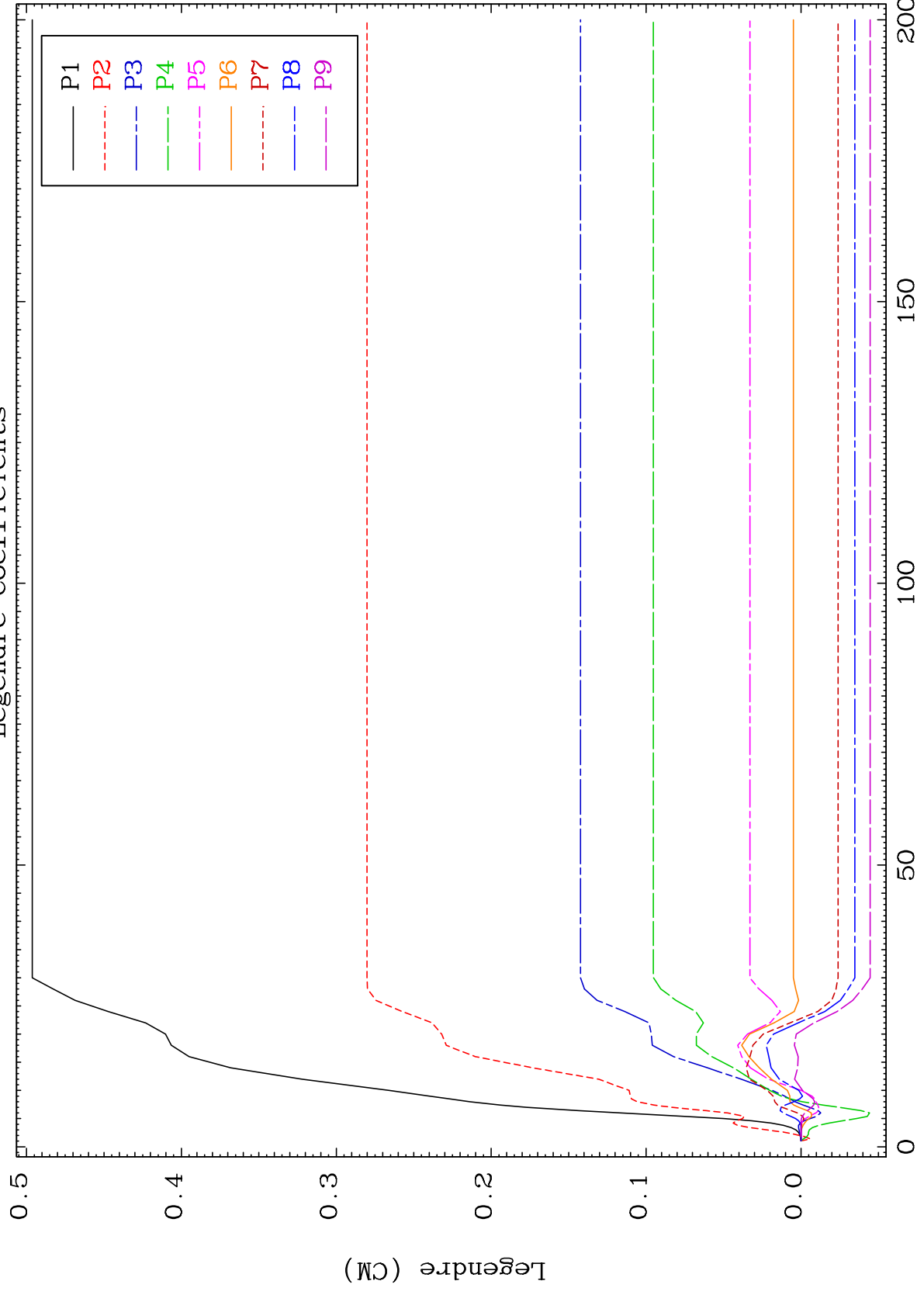
56-Ba-132



23

56-Ba-132

MAT 5631 MT= 52 (n,n') Level Legendre Coefficients 56-Ba-132

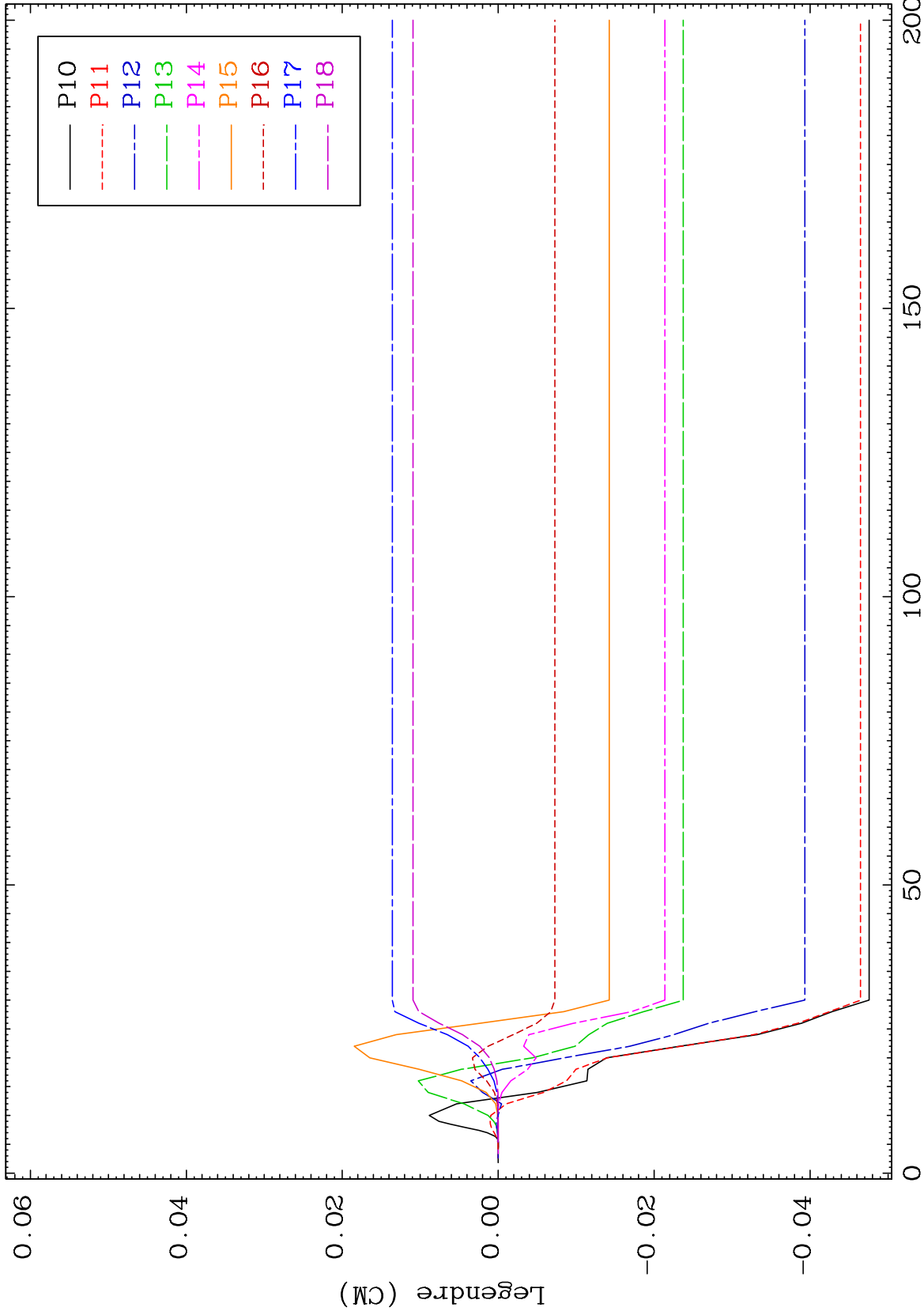


24 56-Ba-132

MAT 5631

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

56-Ba-132



25

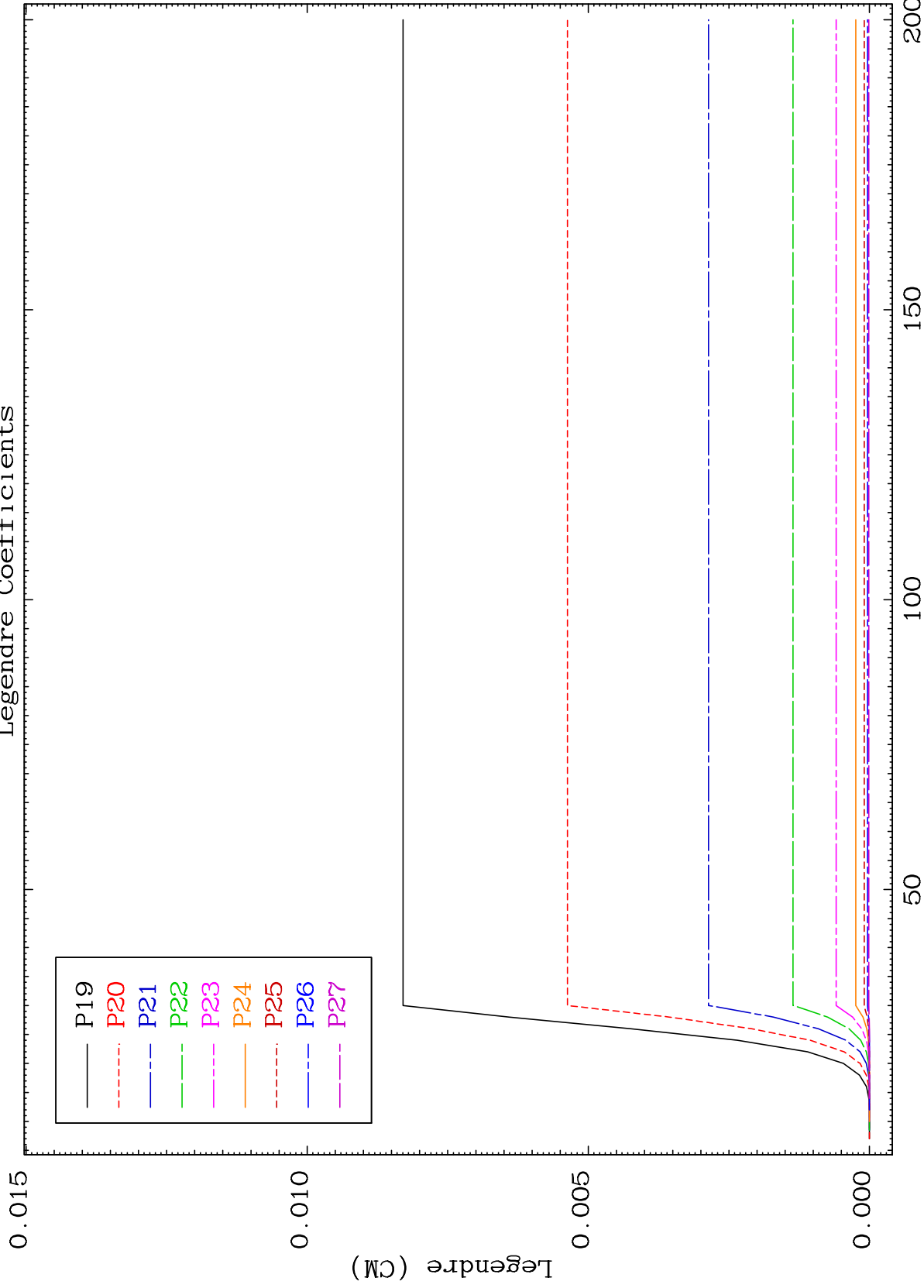
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



26

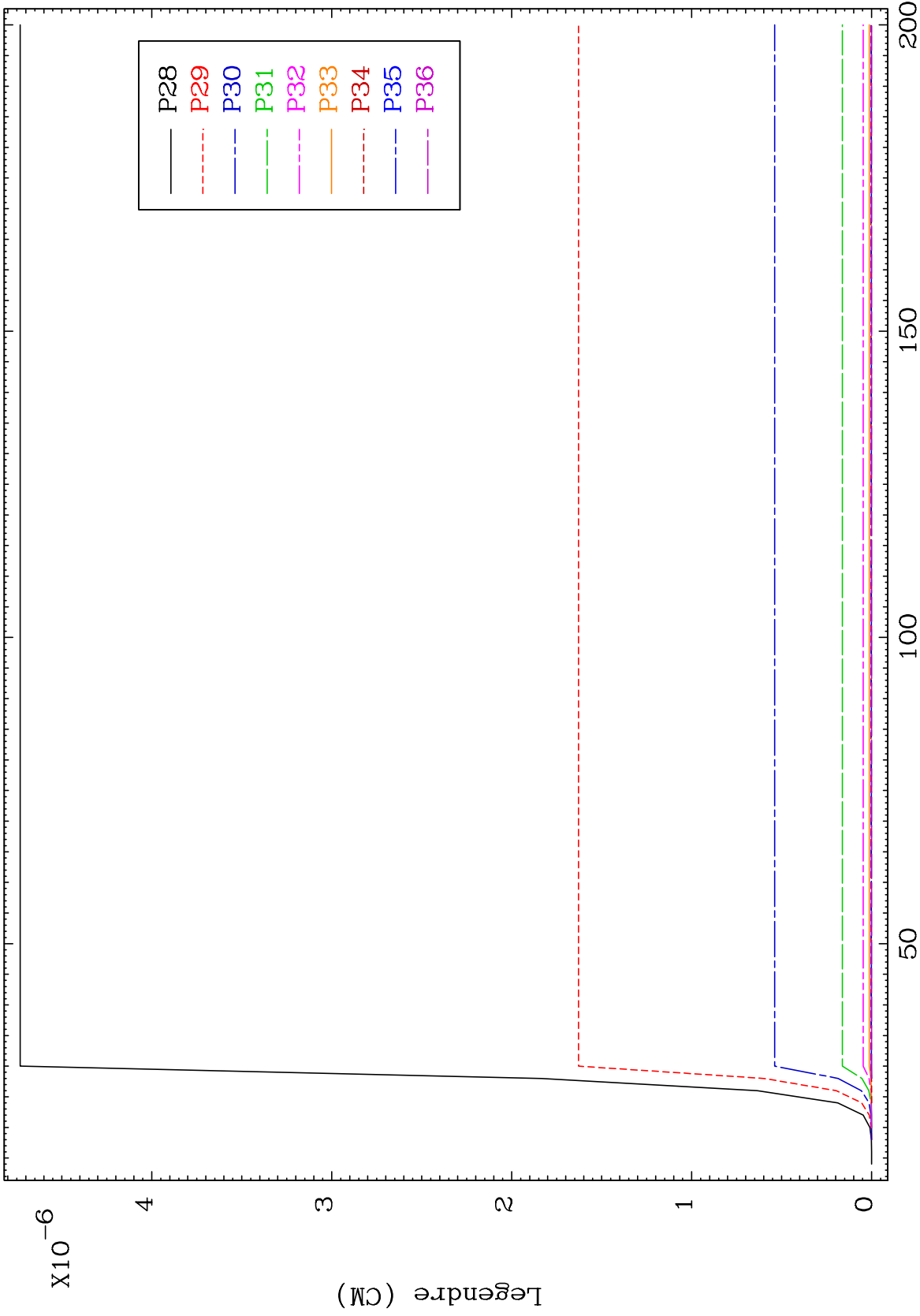
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



27

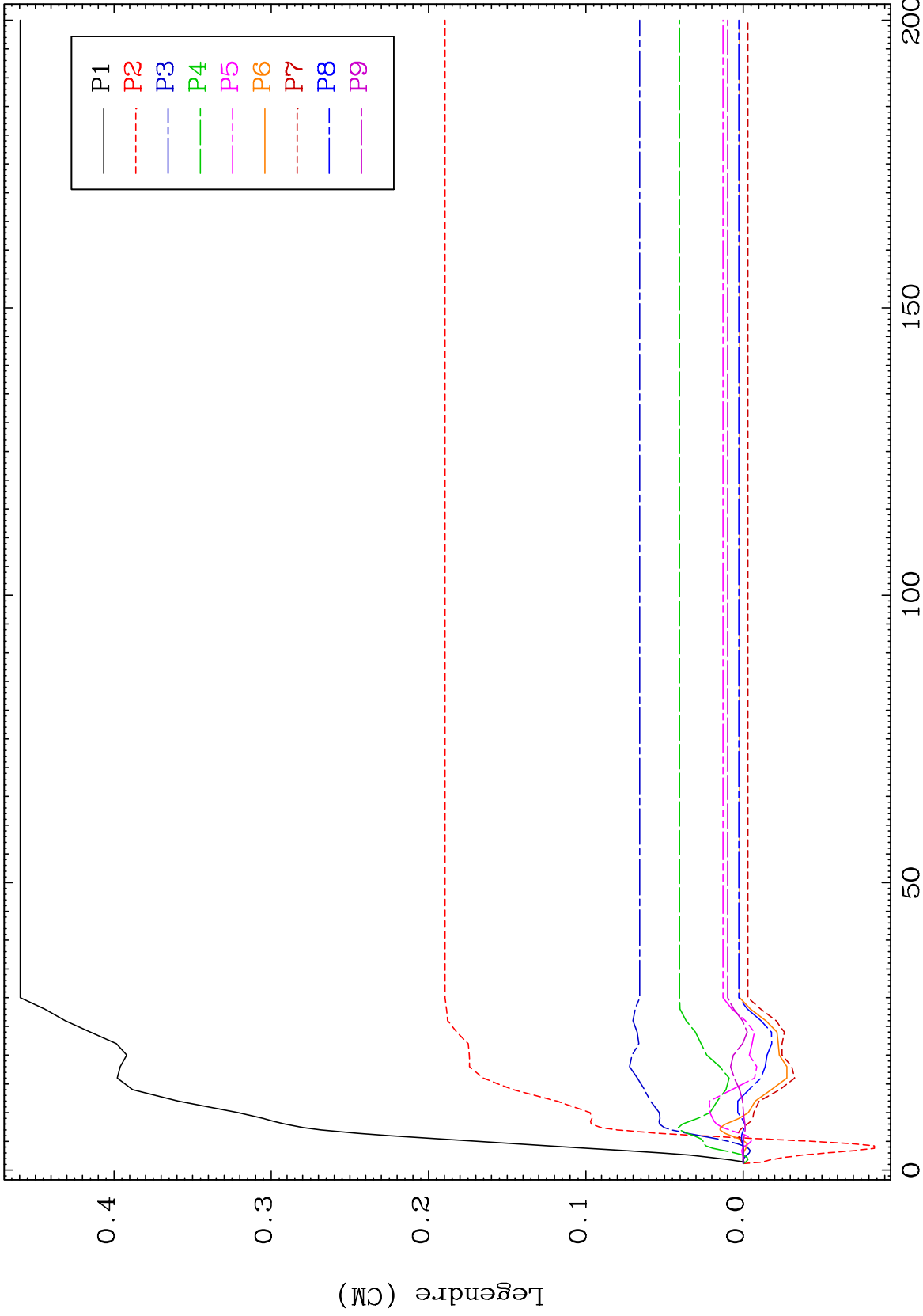
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



28

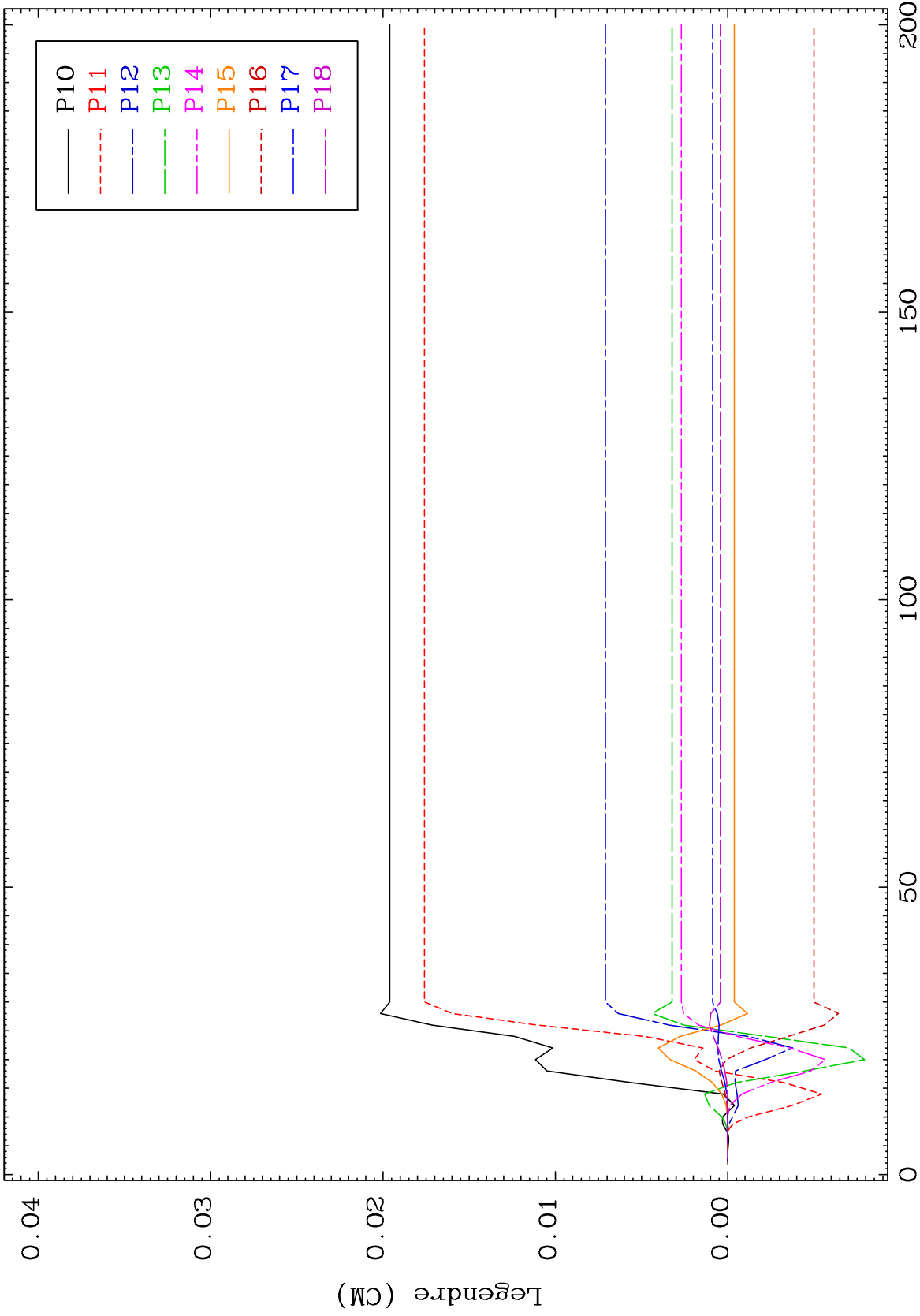
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



29

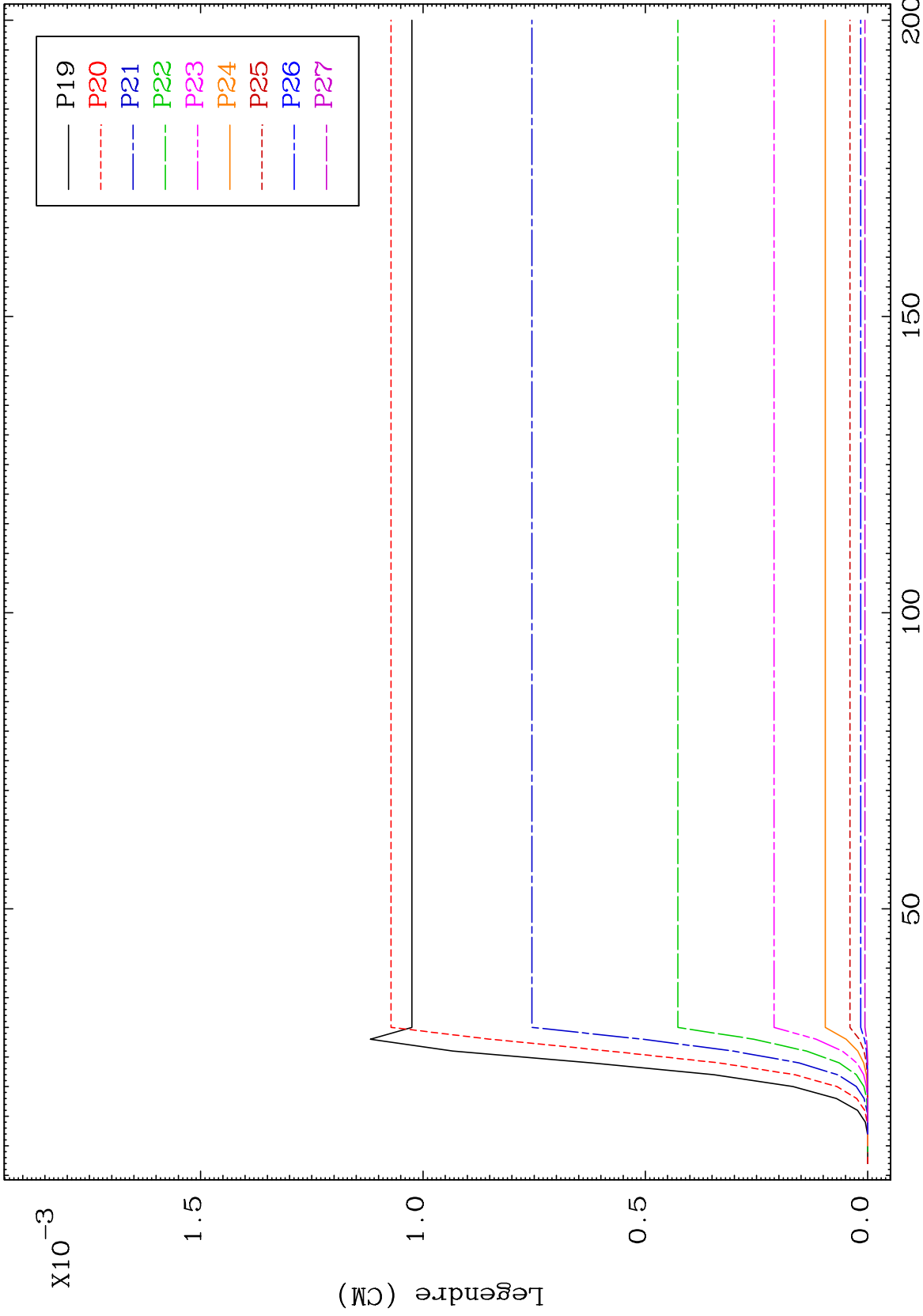
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



30

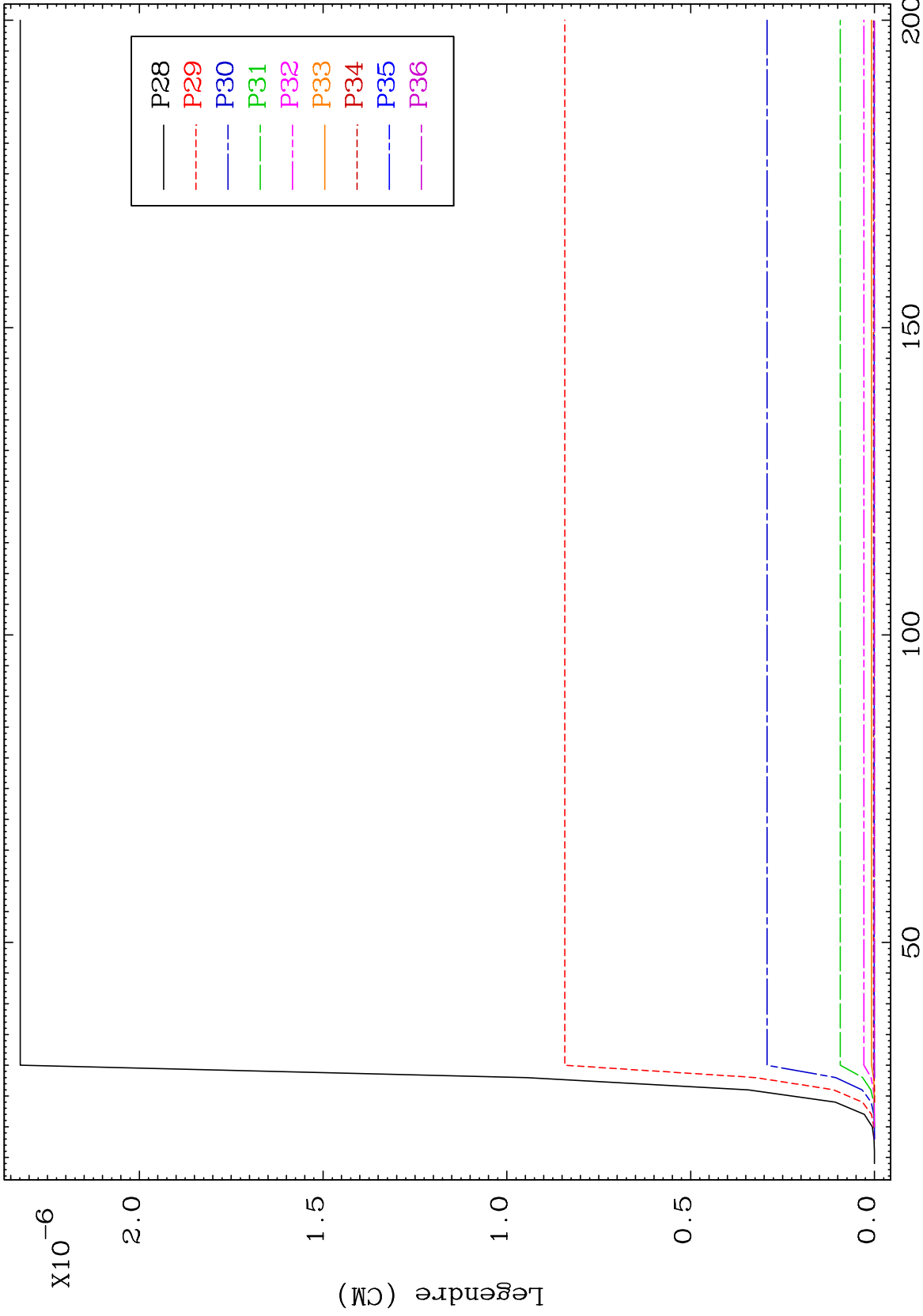
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



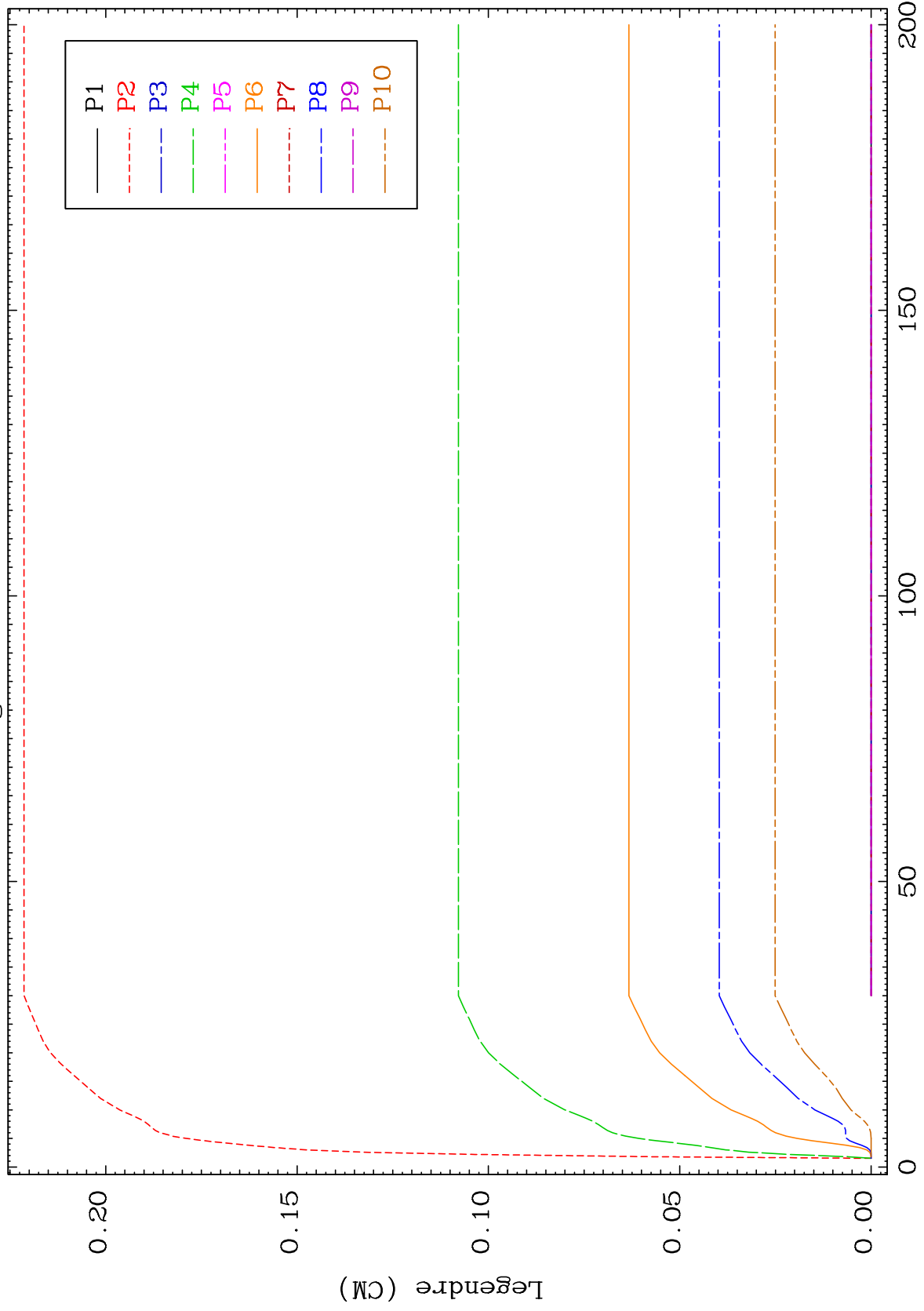
31

56-Ba-132

MAT 5631

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

56-Ba-132

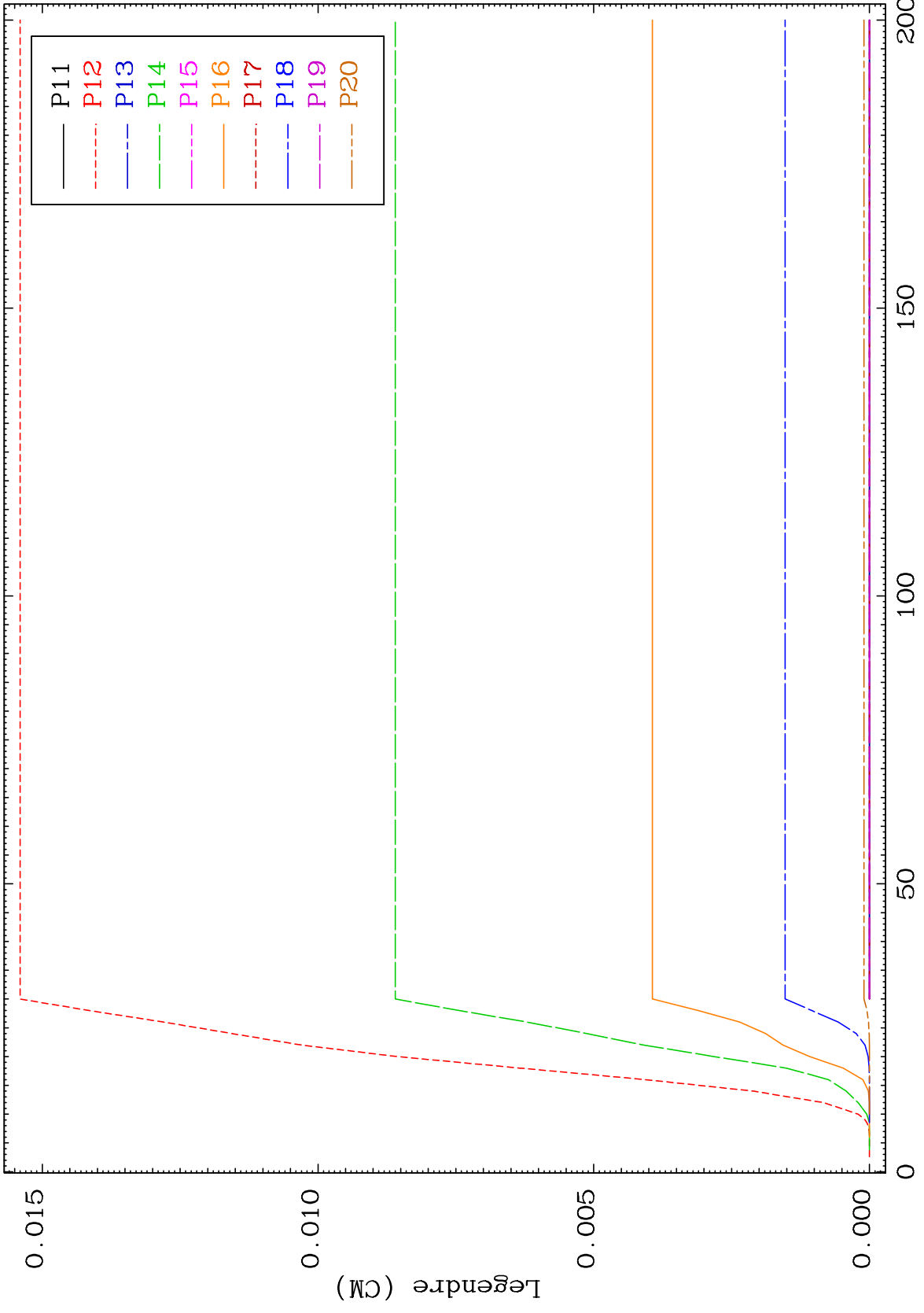


32

Incident Energy (MeV)

56-Ba-132

MAT 5631 MT= 54 (n,n') Level Legendre Coefficients 56-Ba-132

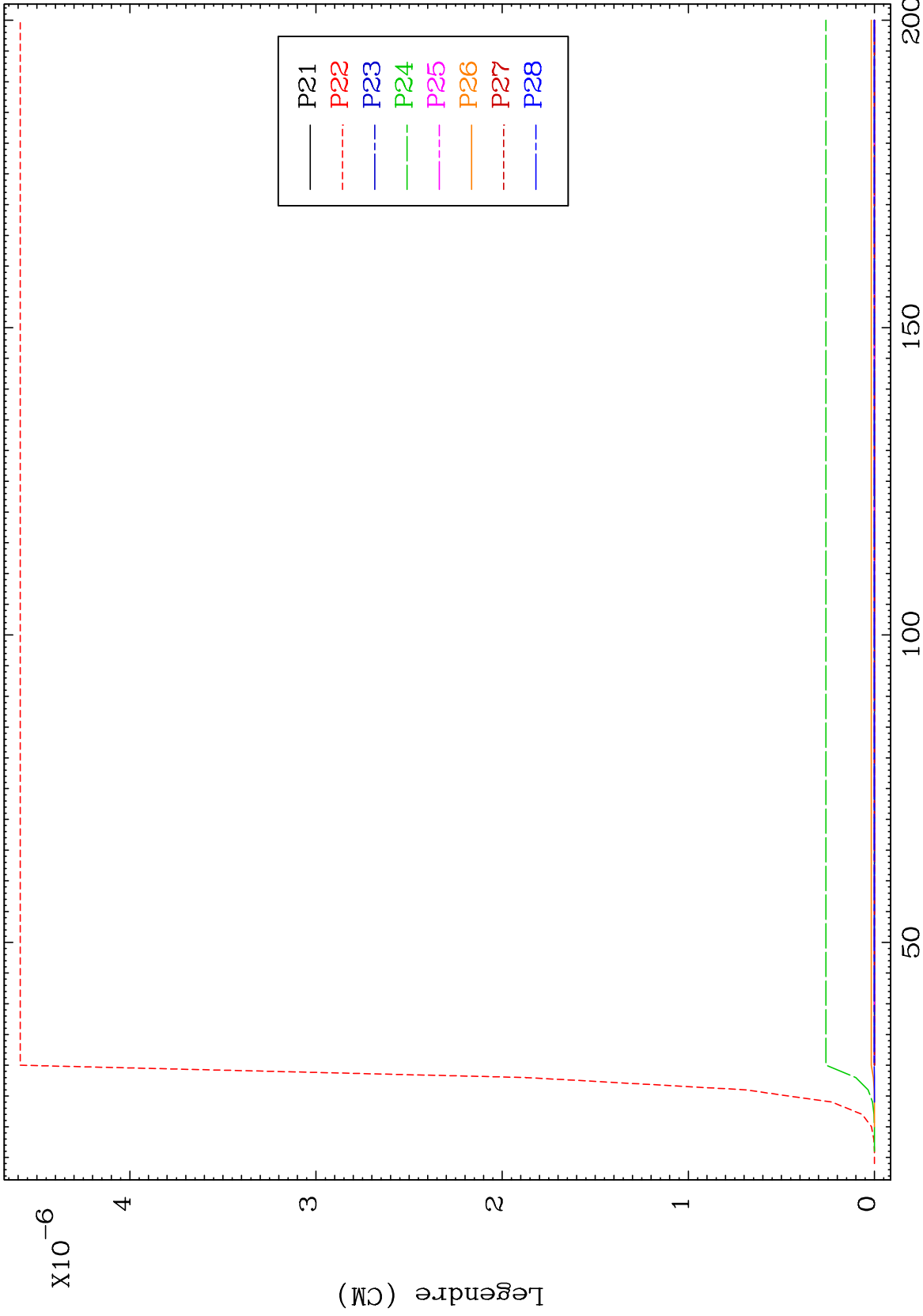


33 56-Ba-132

MAT 5631

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

56-Ba-132

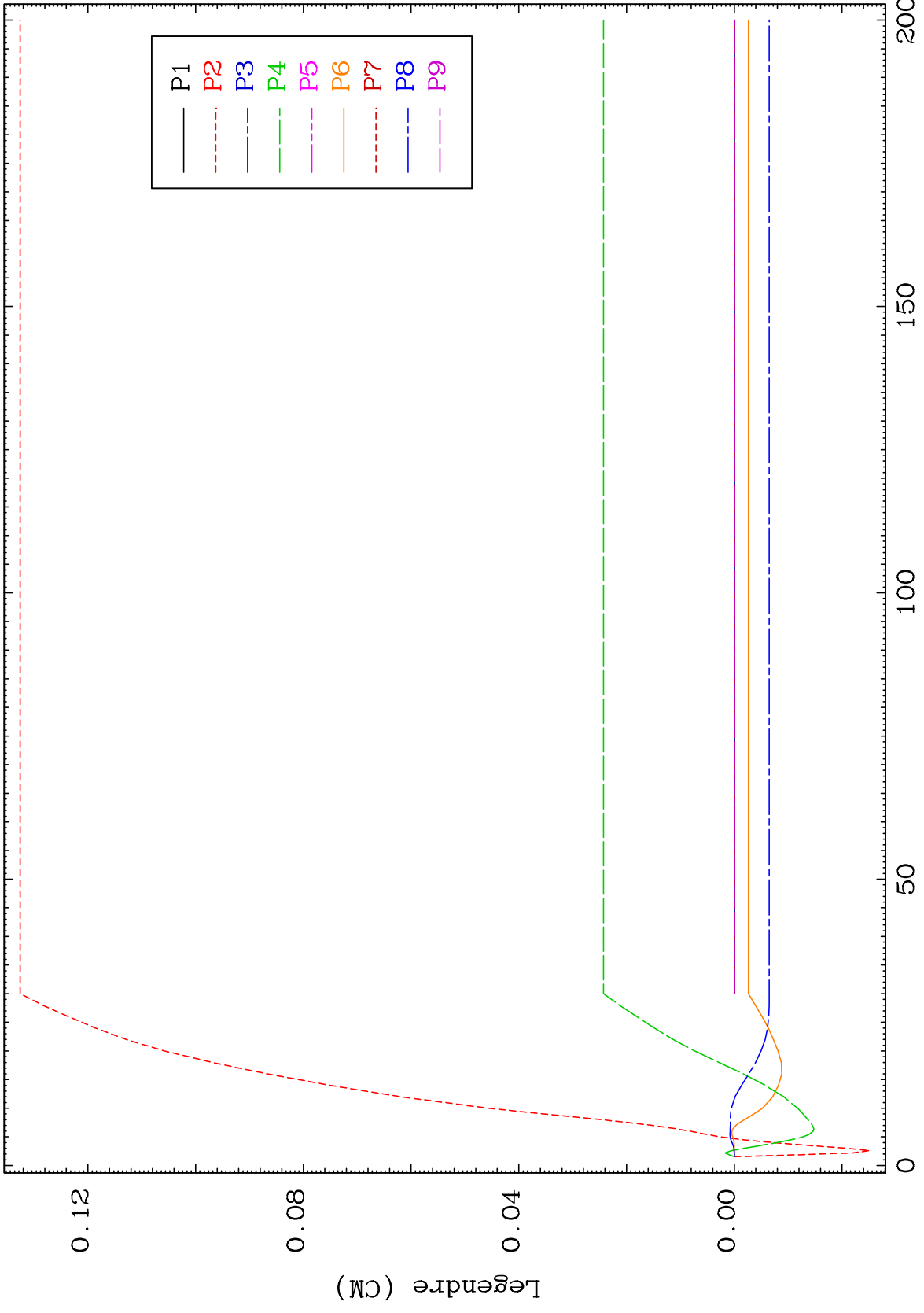


34

Incident Energy (MeV)

56-Ba-132

MAT 5631 MT= 55 (n,n') Level Legendre Coefficients 56-Ba-132

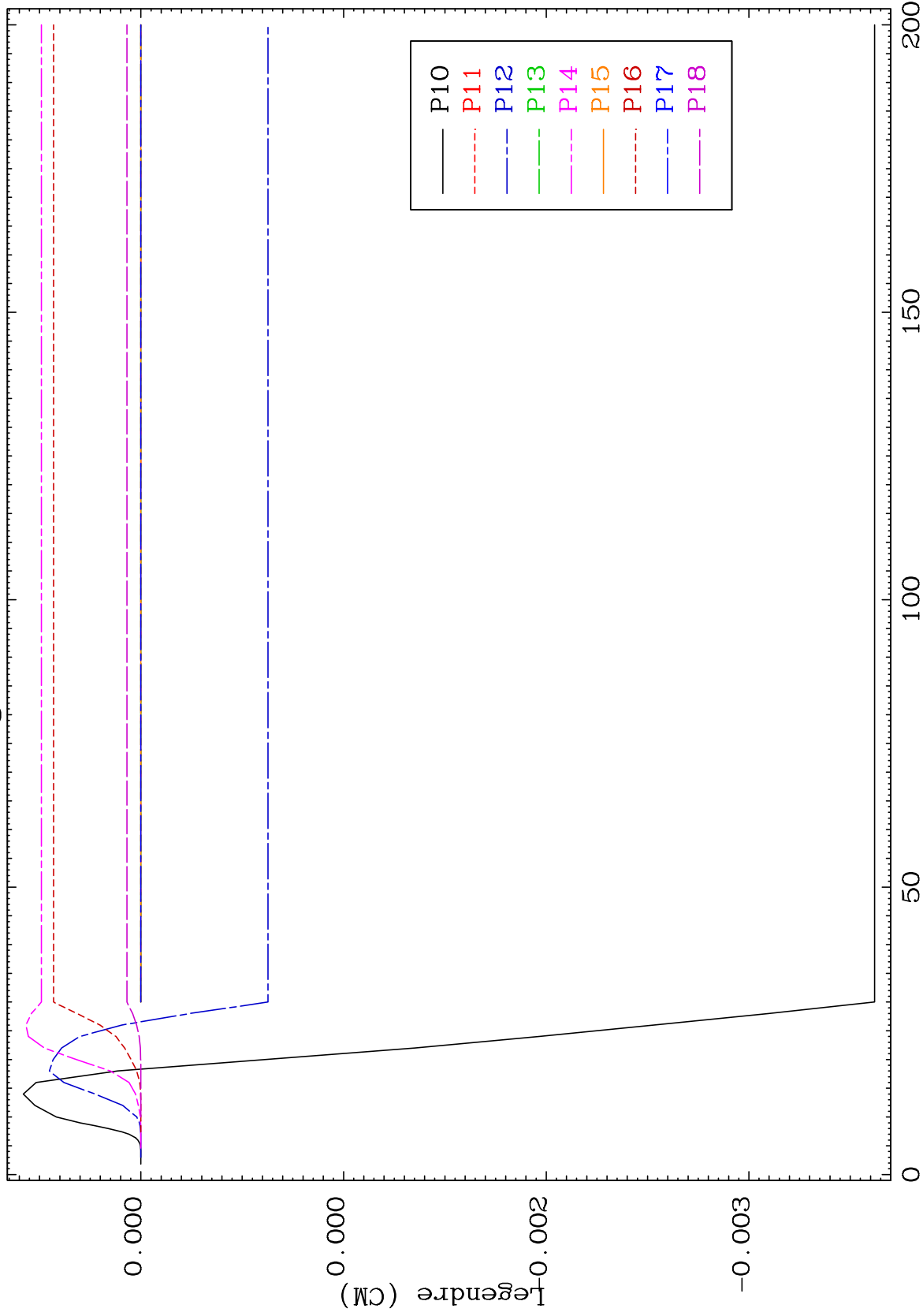


35 Incident Energy (MeV) 56-Ba-132

MAT 5631

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

56-Ba-132



36

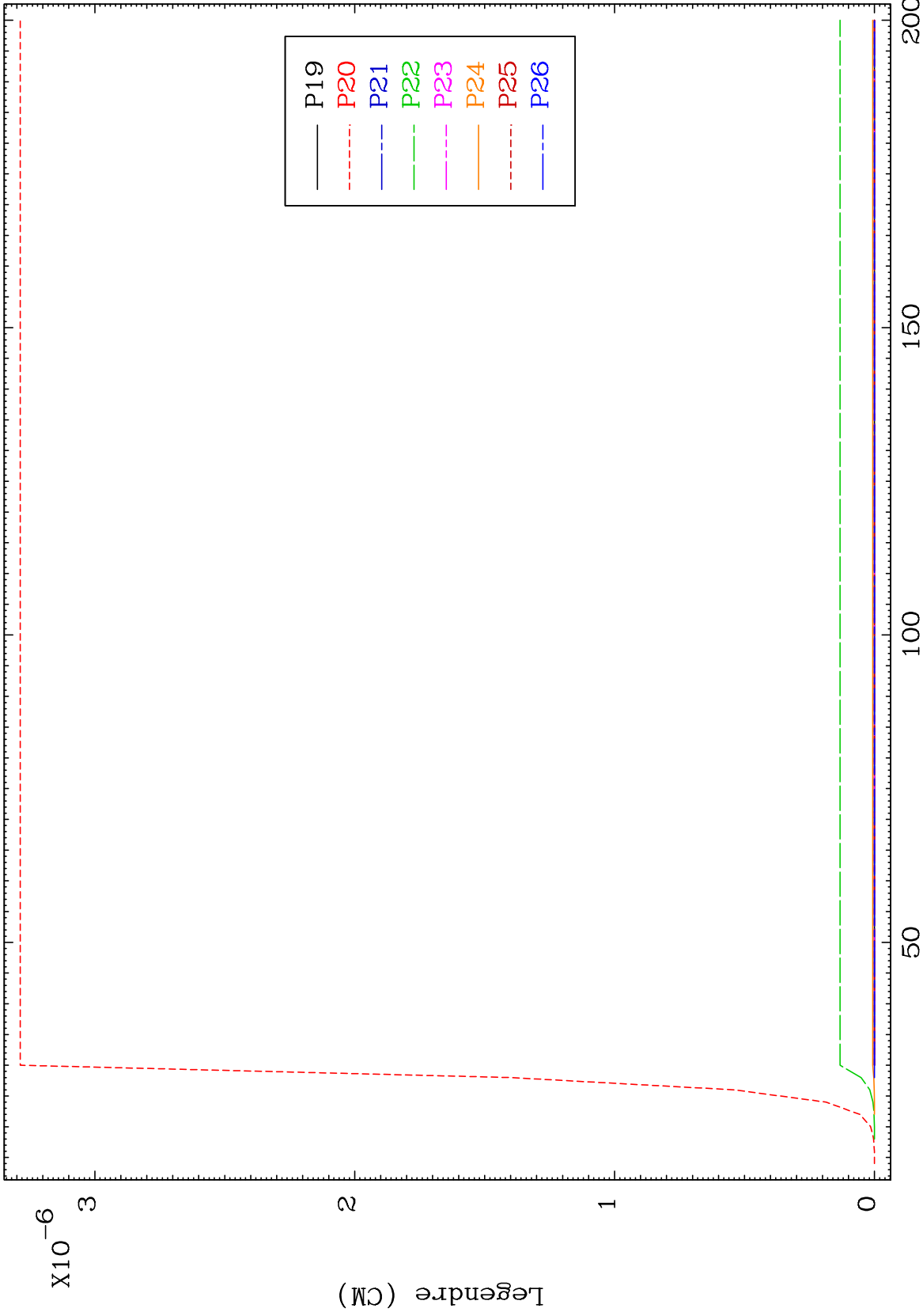
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132

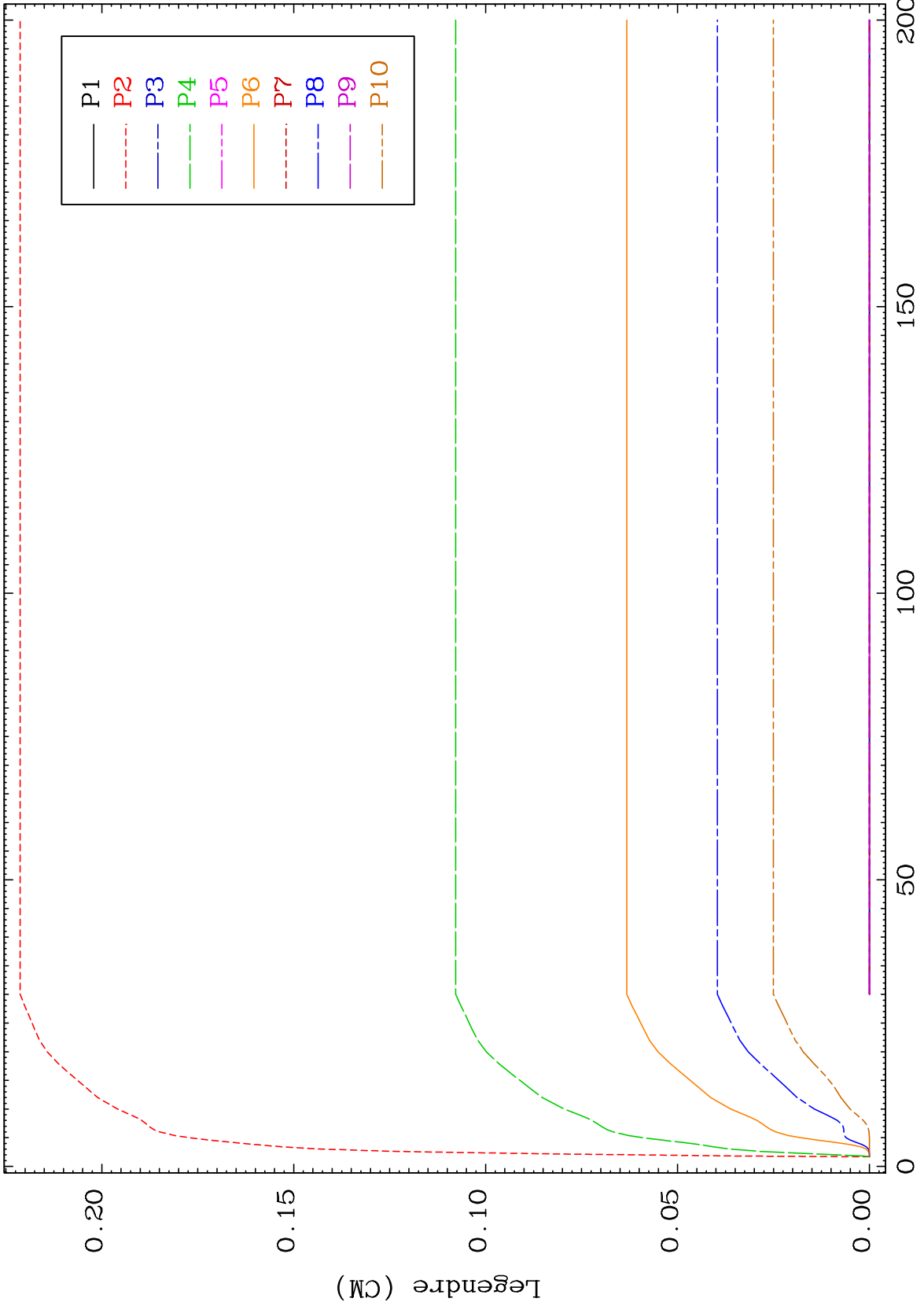


37

Incident Energy (MeV)

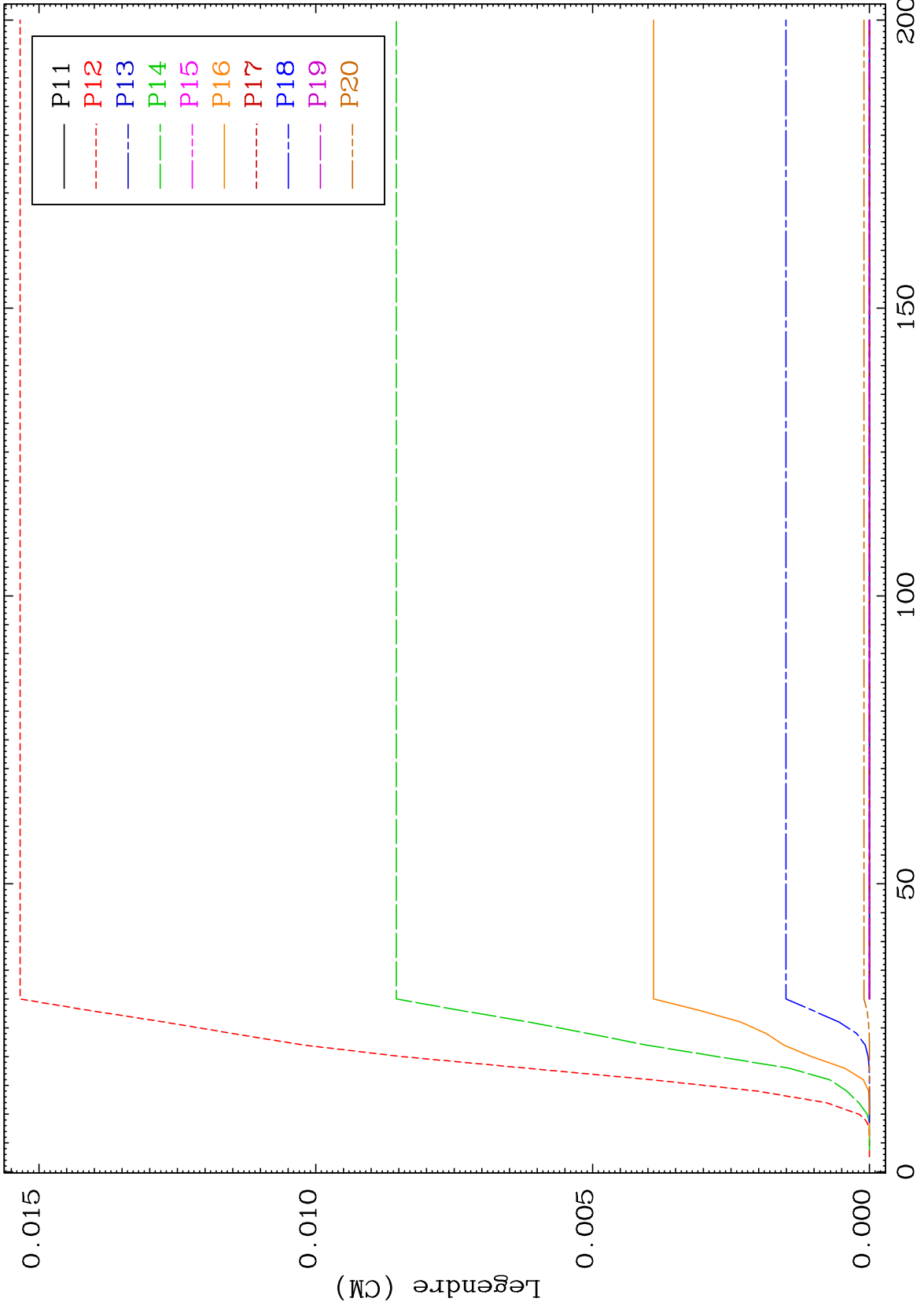
56-Ba-132

MAT 5631 MT= 56 (n,n') Level Legendre Coefficients 56-Ba-132



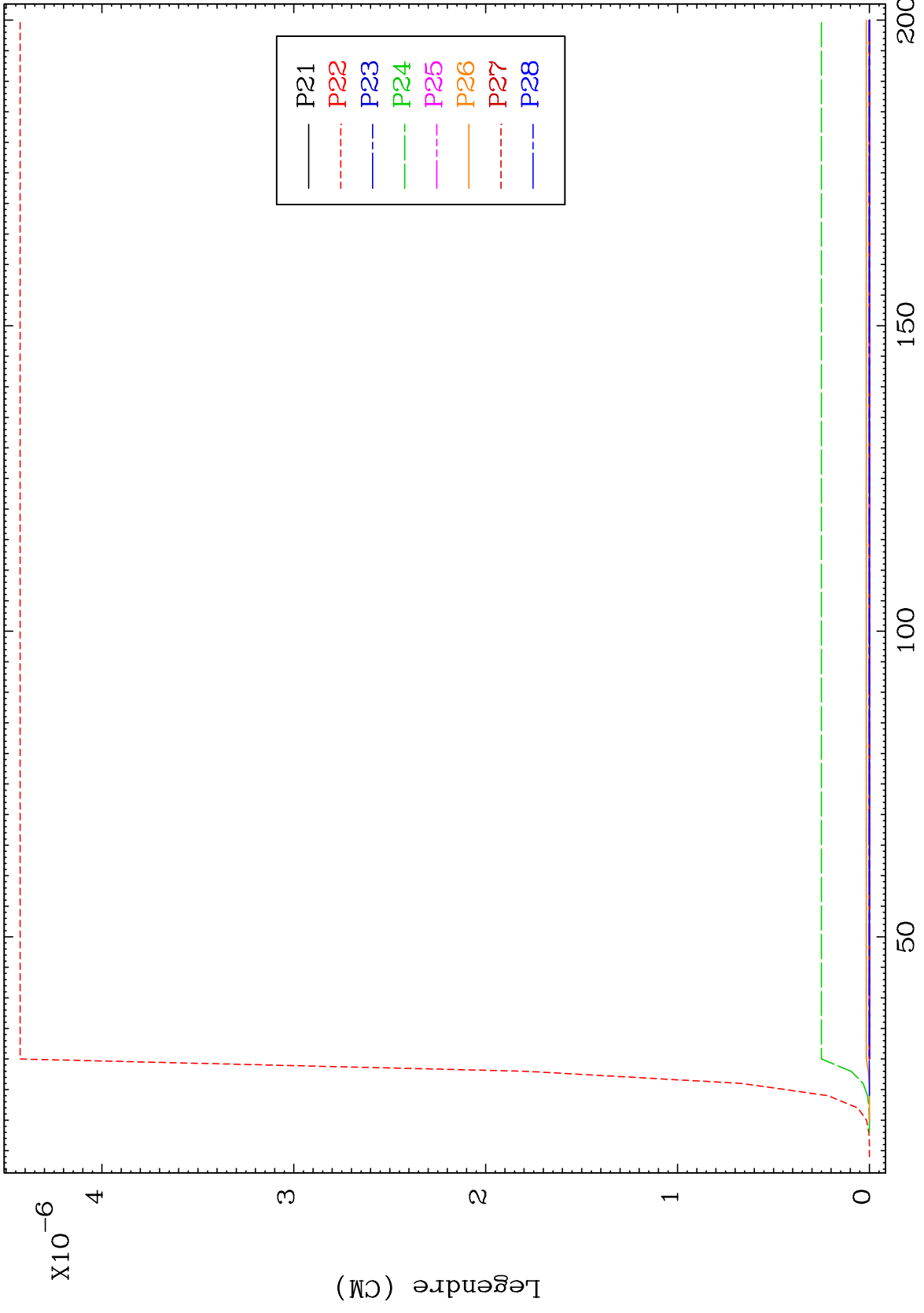
38 56-Ba-132

MAT 5631 MT= 56 (n,n') Level Legendre Coefficients 56-Ba-132



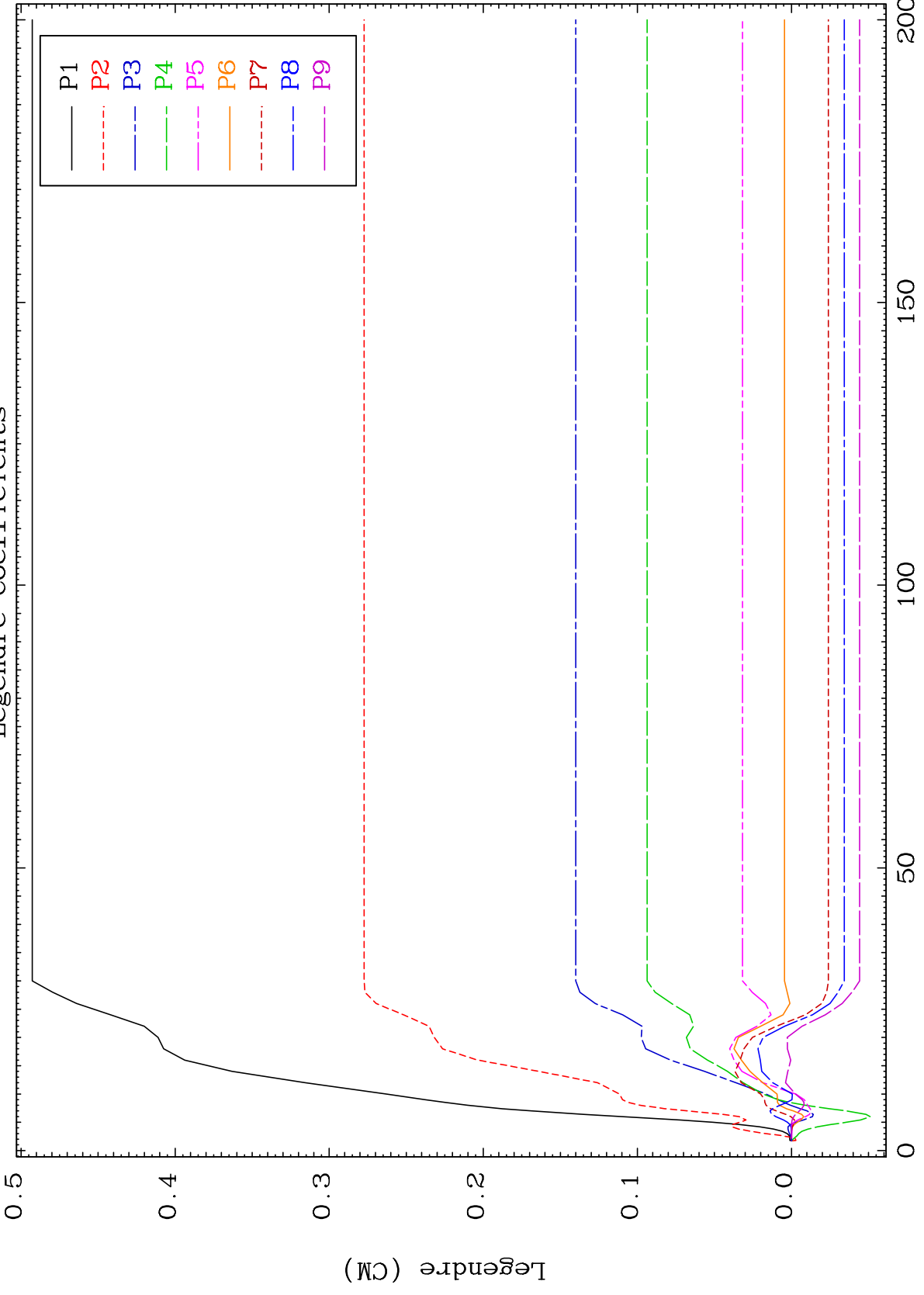
39 56-Ba-132

MAT 5631 MT= 56 (n,n') Level Legendre Coefficients 56-Ba-132



56-Ba-132

MAT 5631 MT= 57 (n,n') Level Legendre Coefficients 56-Ba-132

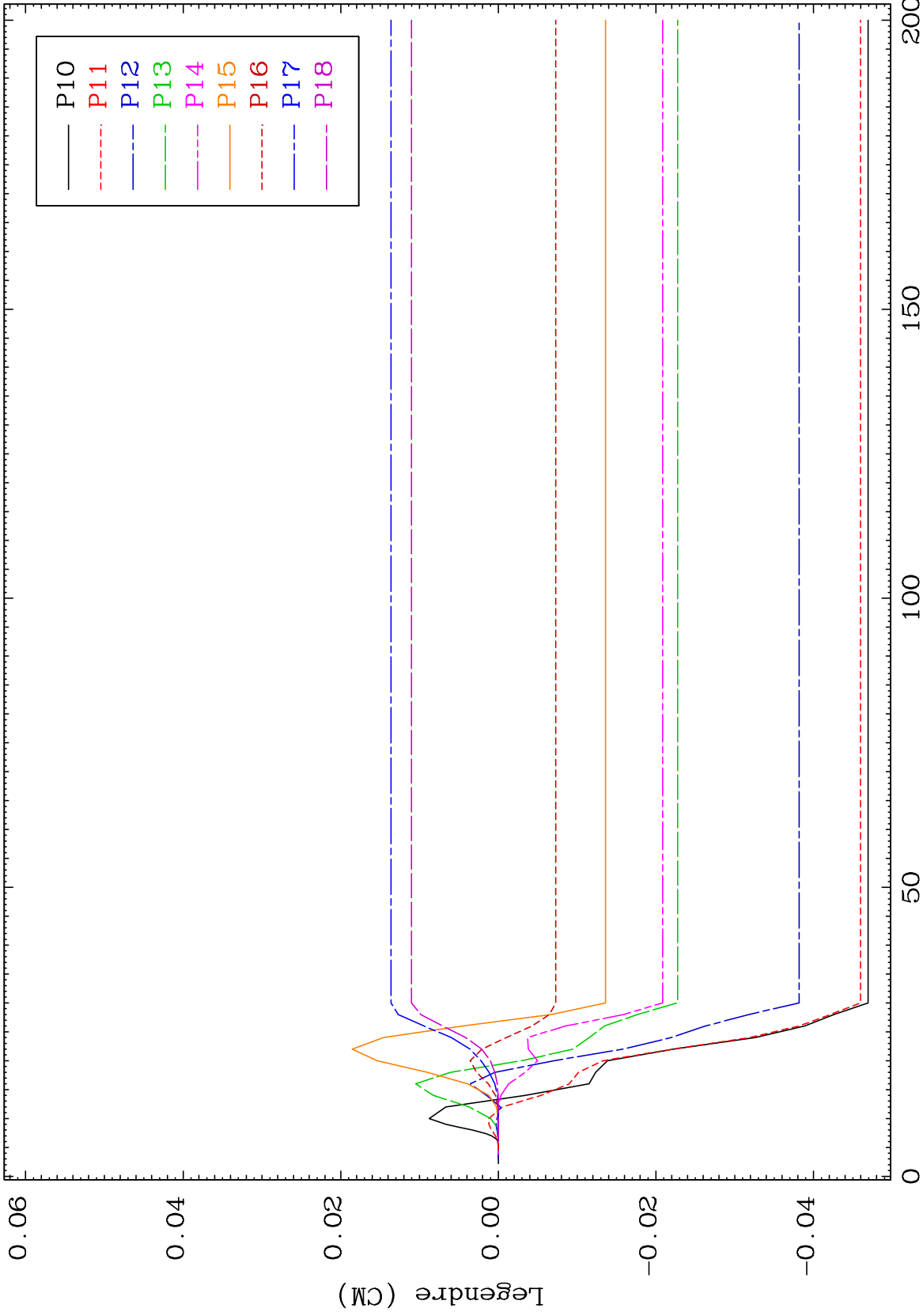


41 56-Ba-132

MAT 5631

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

56-Ba-132



42

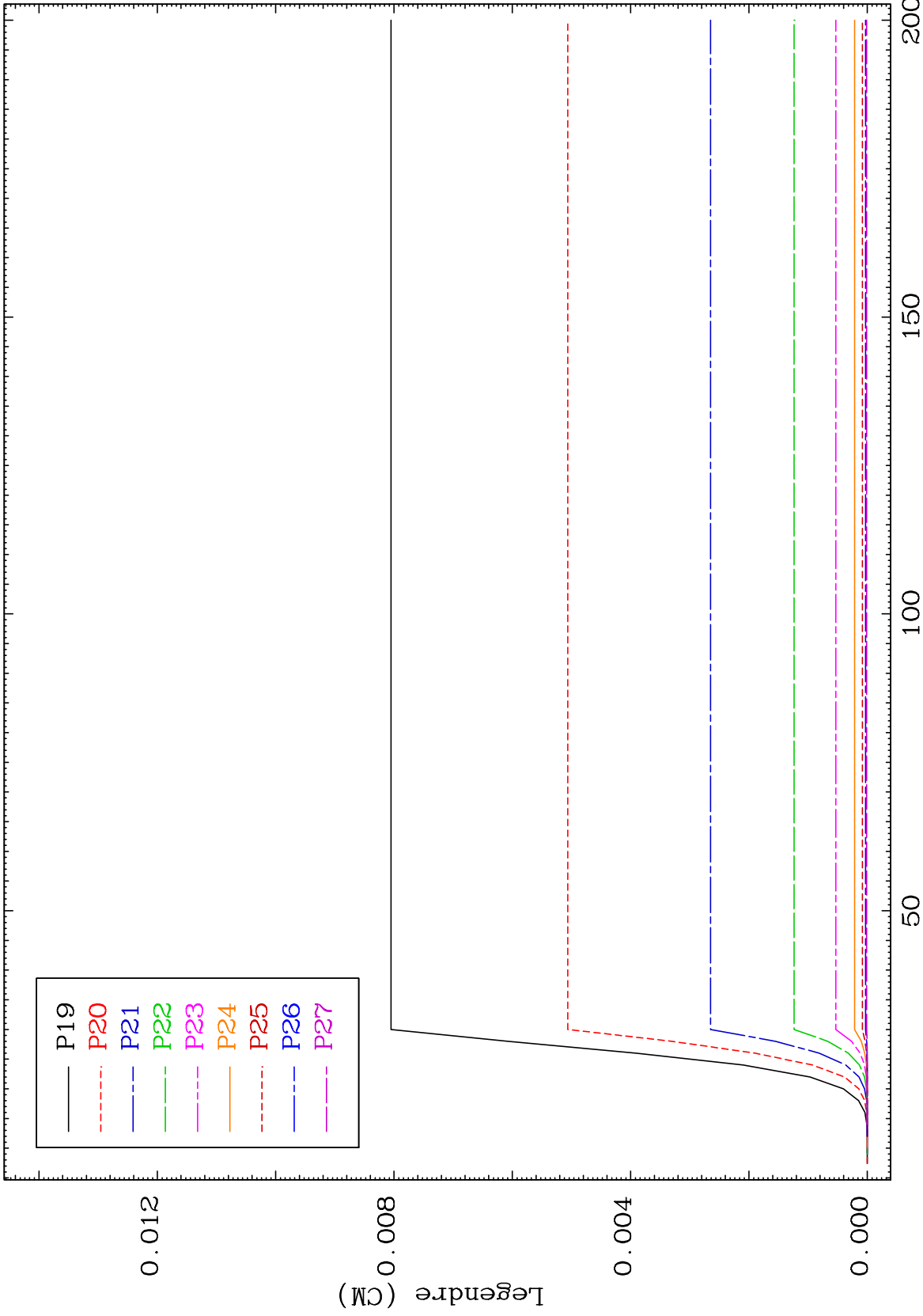
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



43

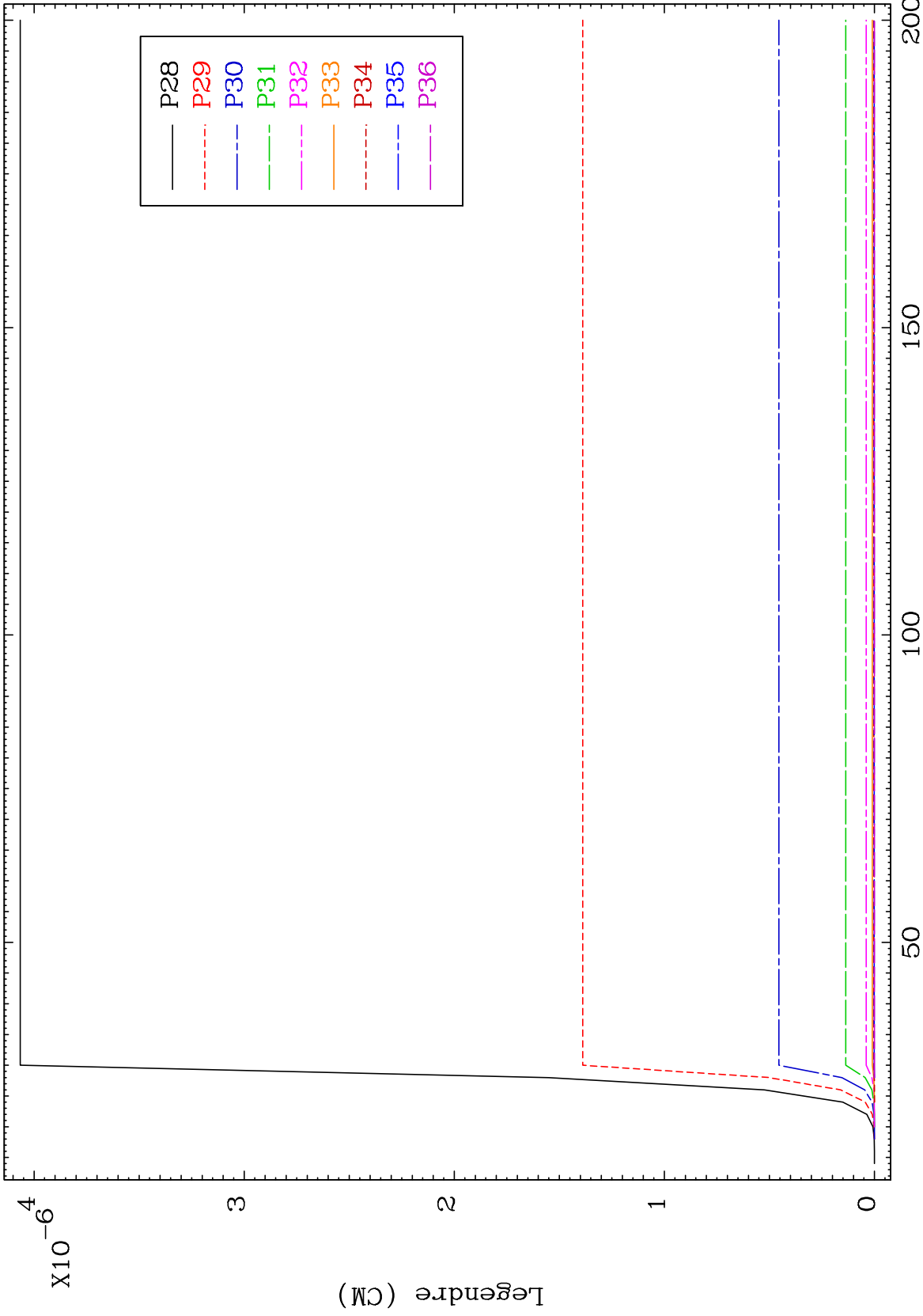
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



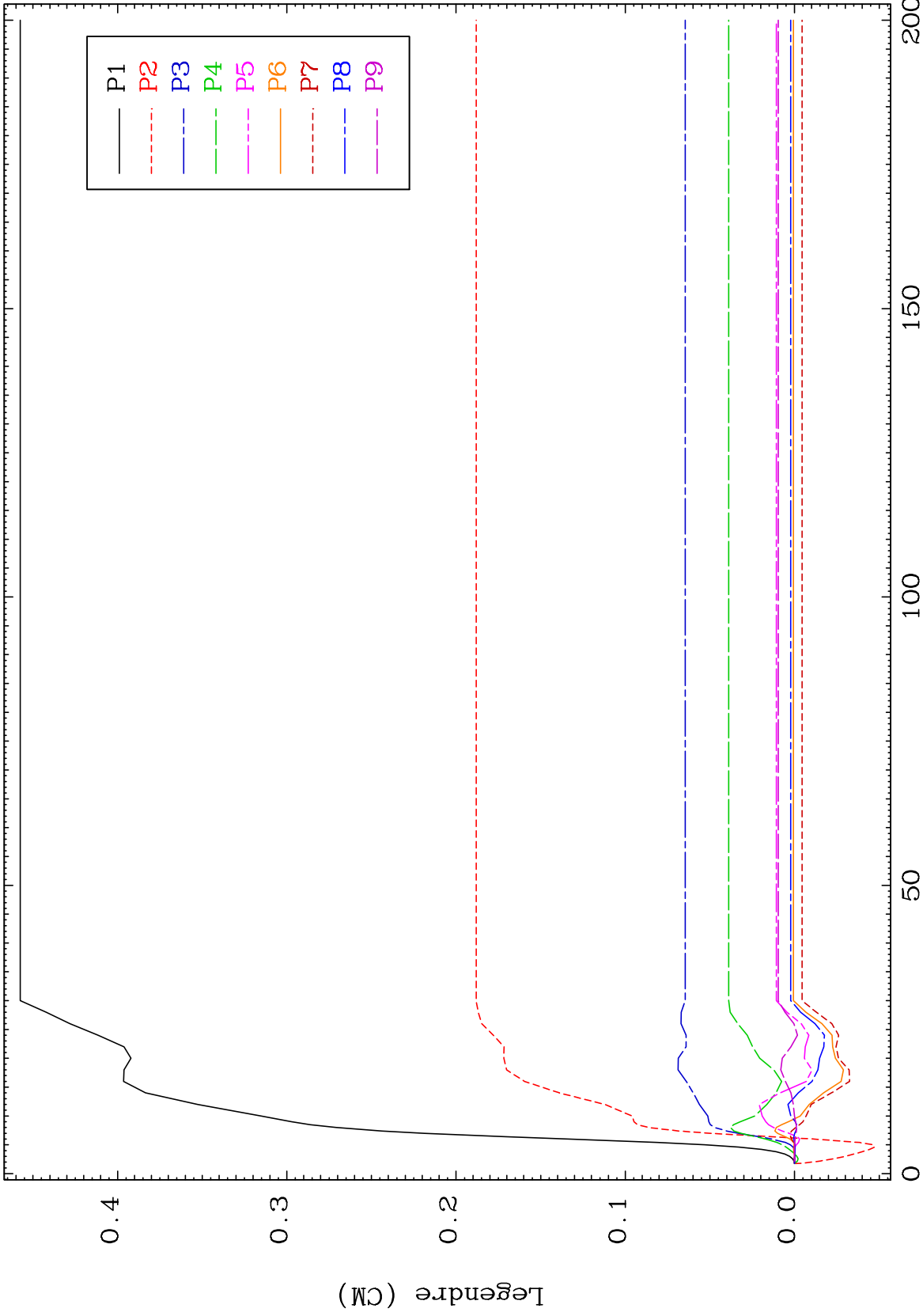
44

56-Ba-132

MAT 5631

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

56-Ba-132



45

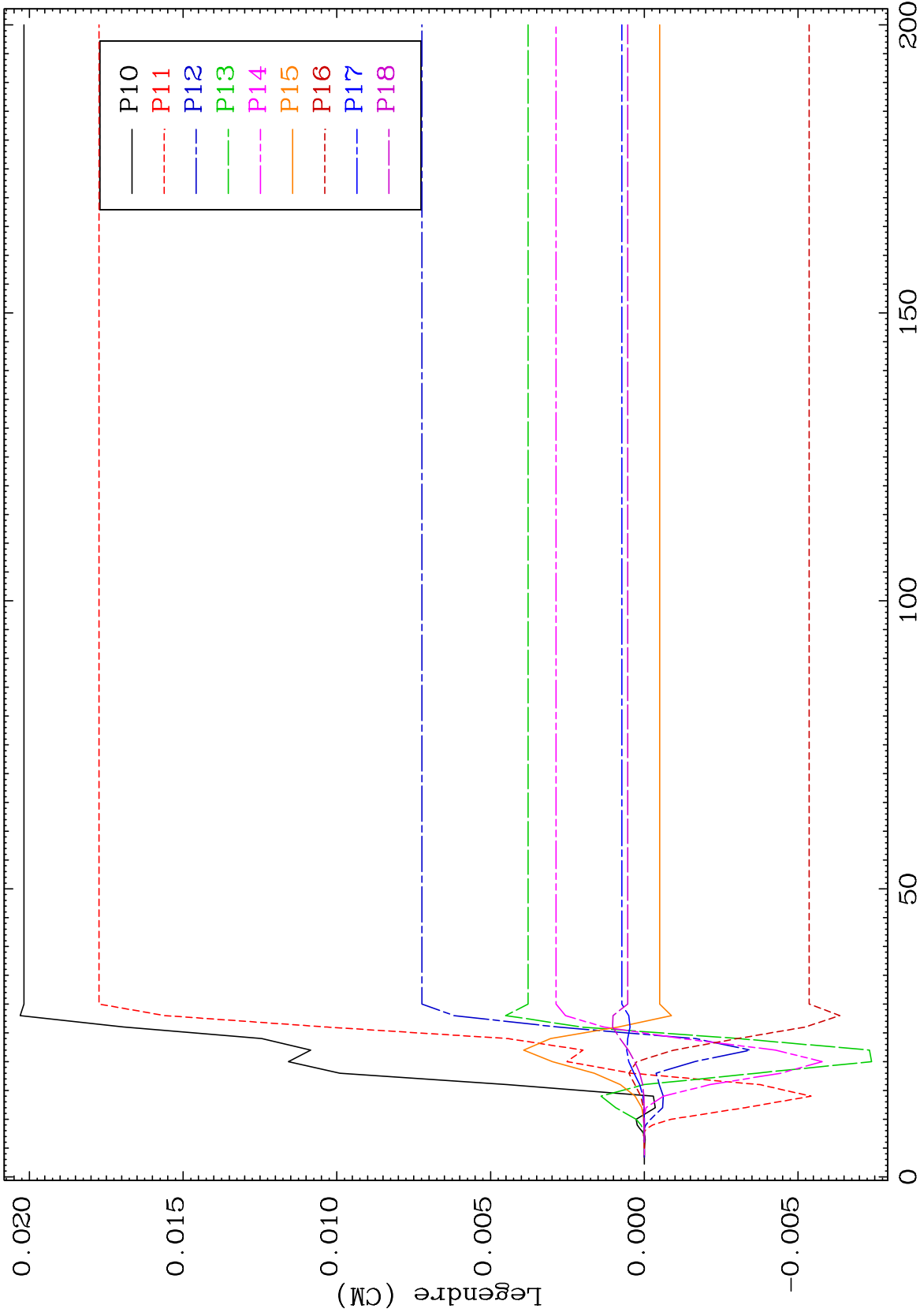
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



46

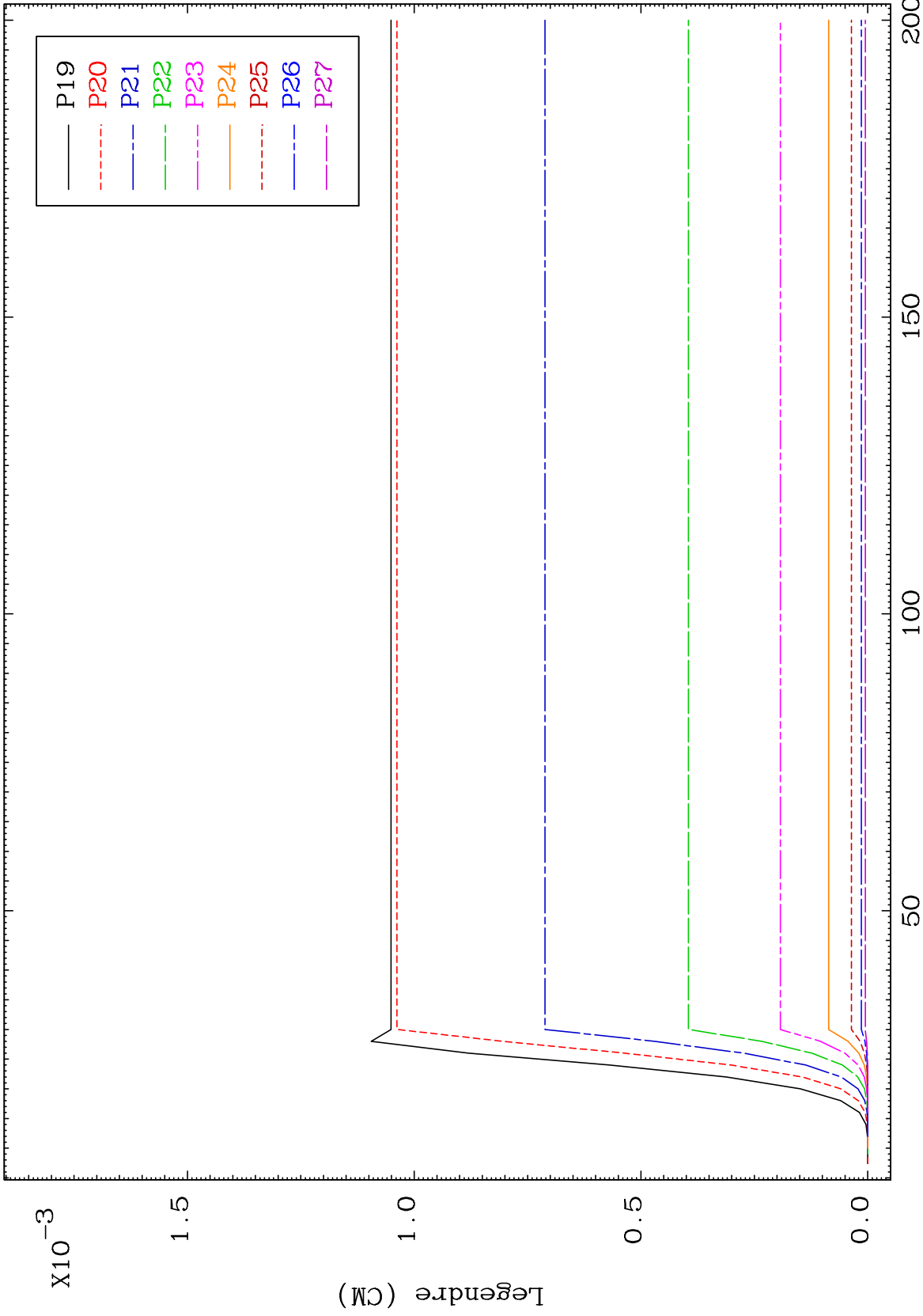
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



47

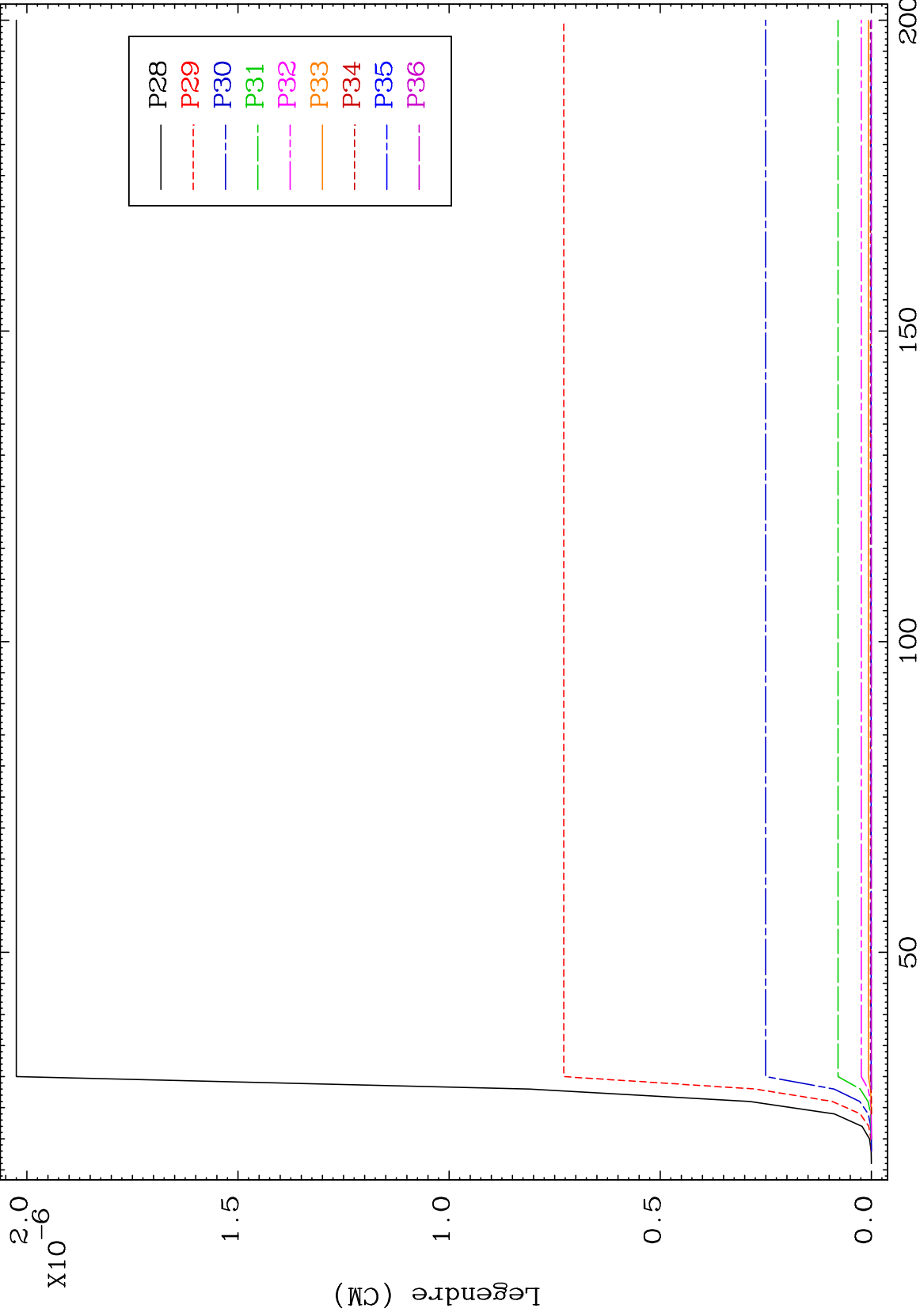
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



48

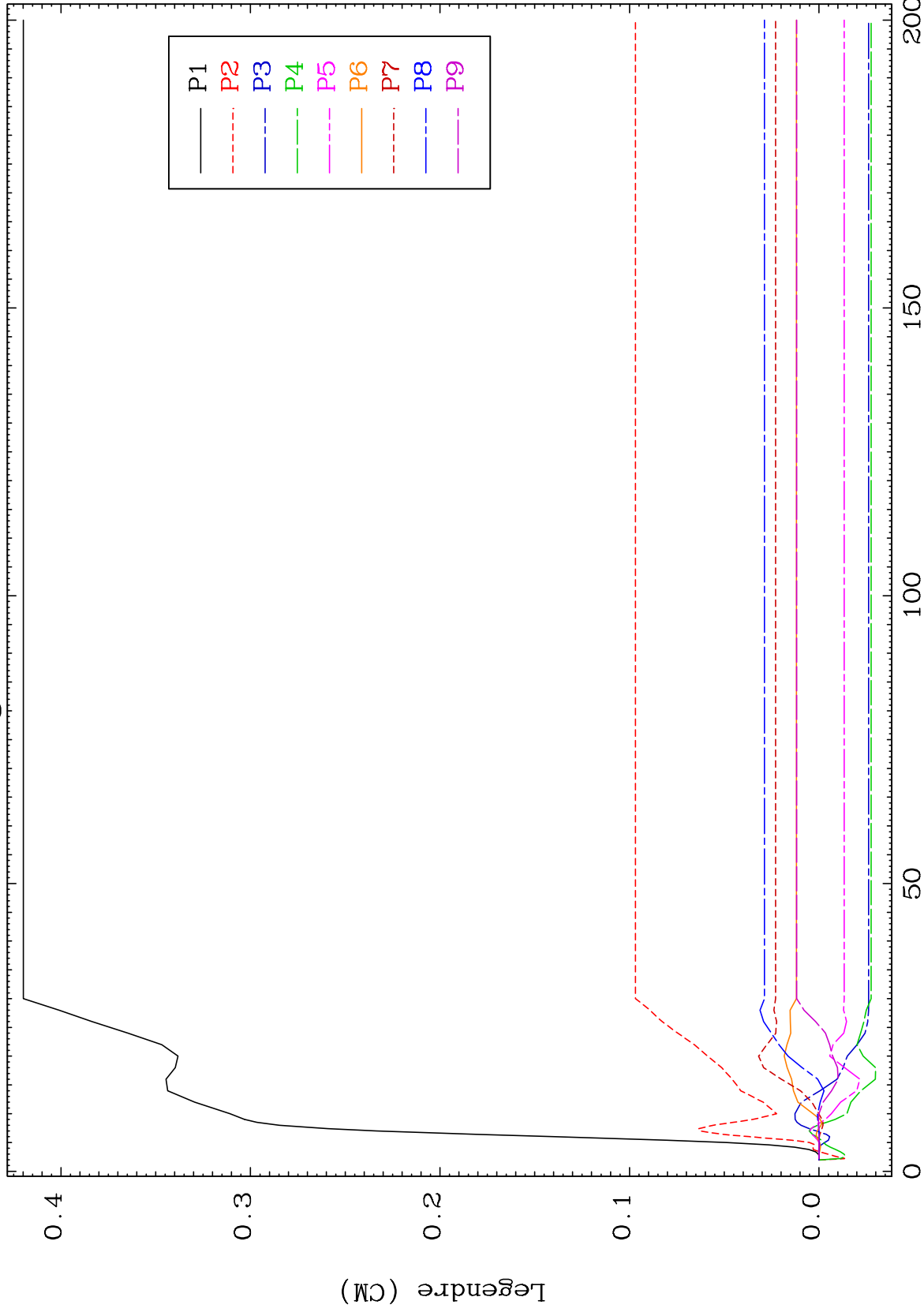
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132

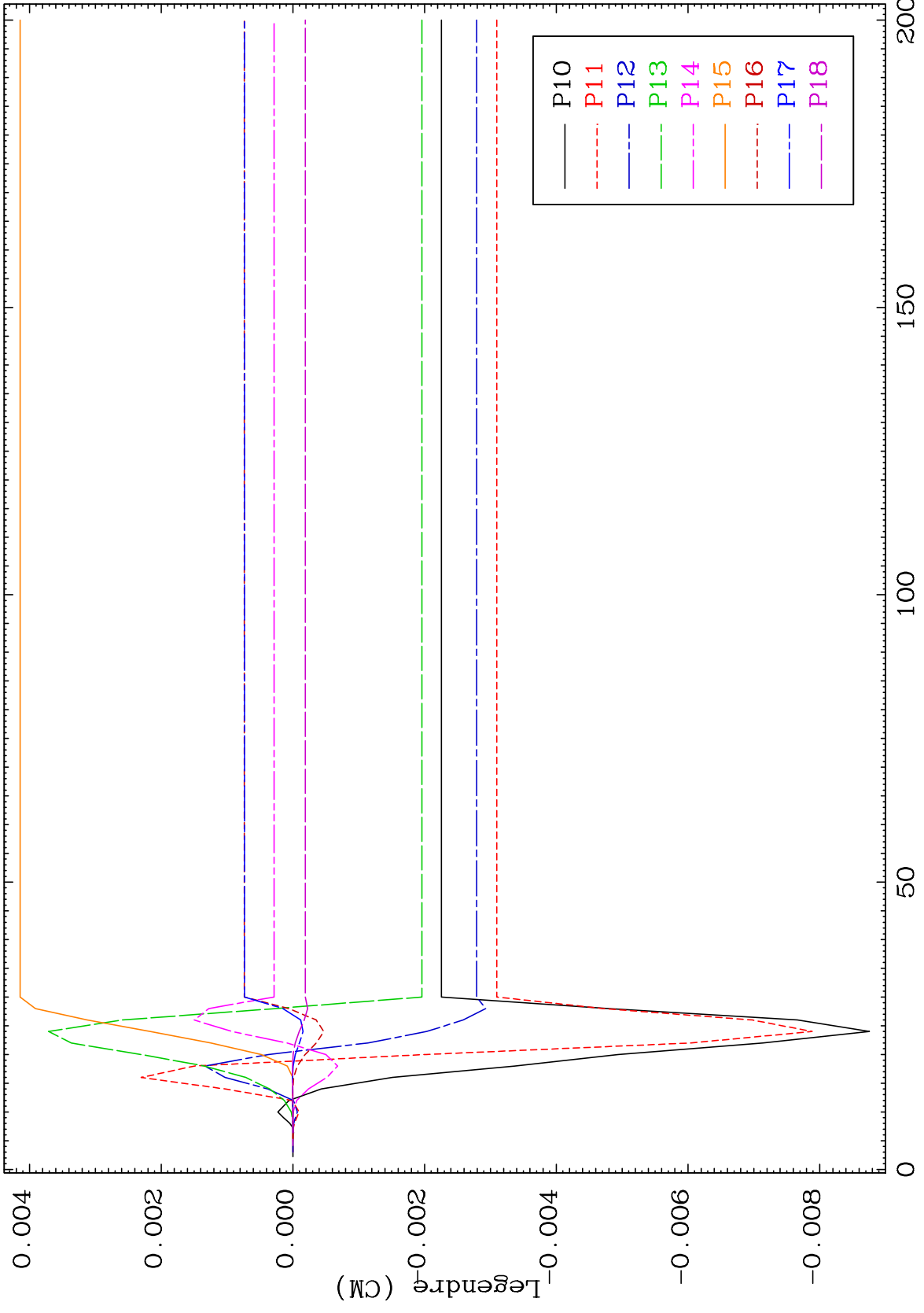


49

Incident Energy (MeV)

56-Ba-132

MAT 5631 MT= 59 (n,n') Level Legendre Coefficients 56-Ba-132

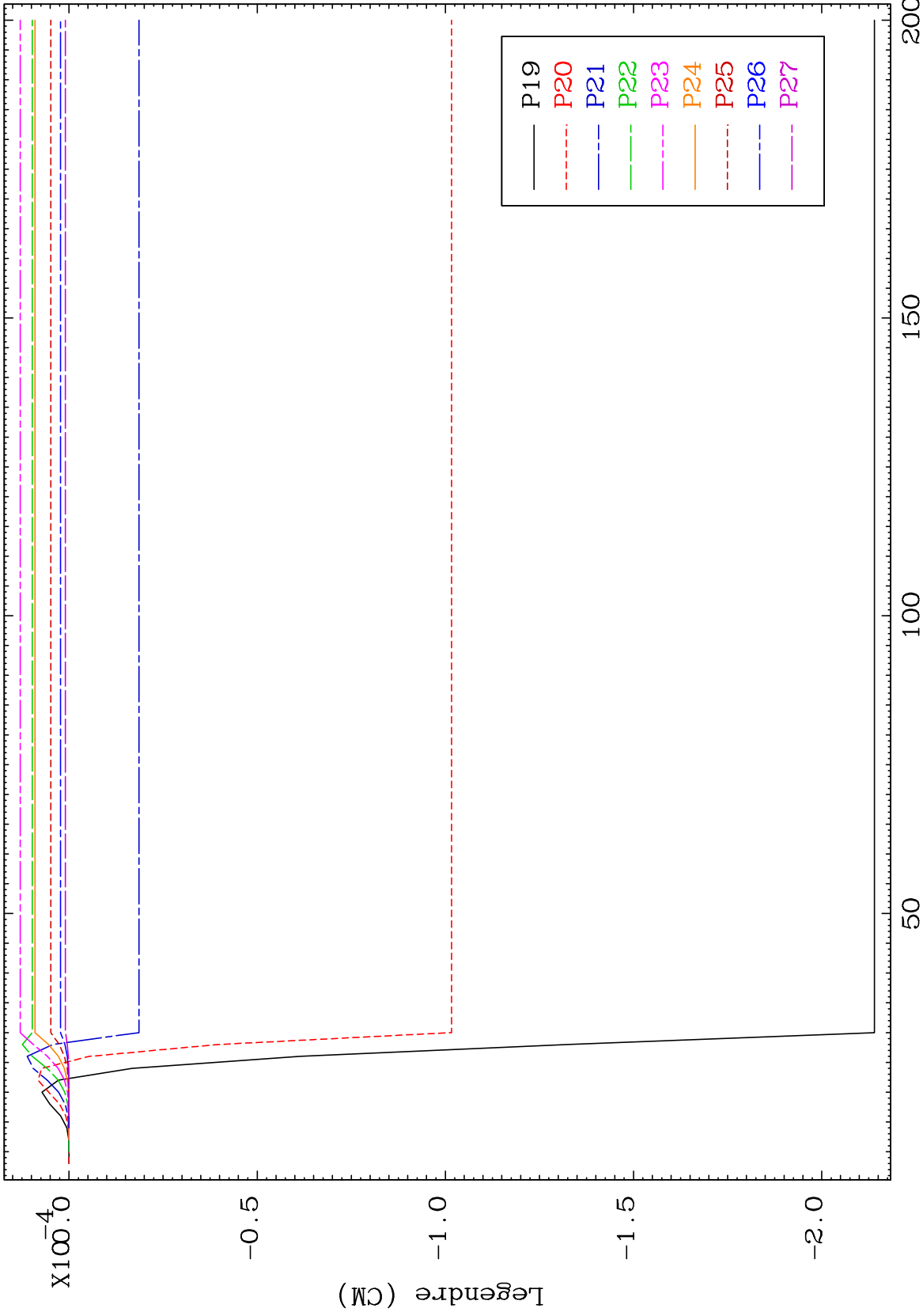


56-Ba-132

MAT 5631

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

56-Ba-132



51

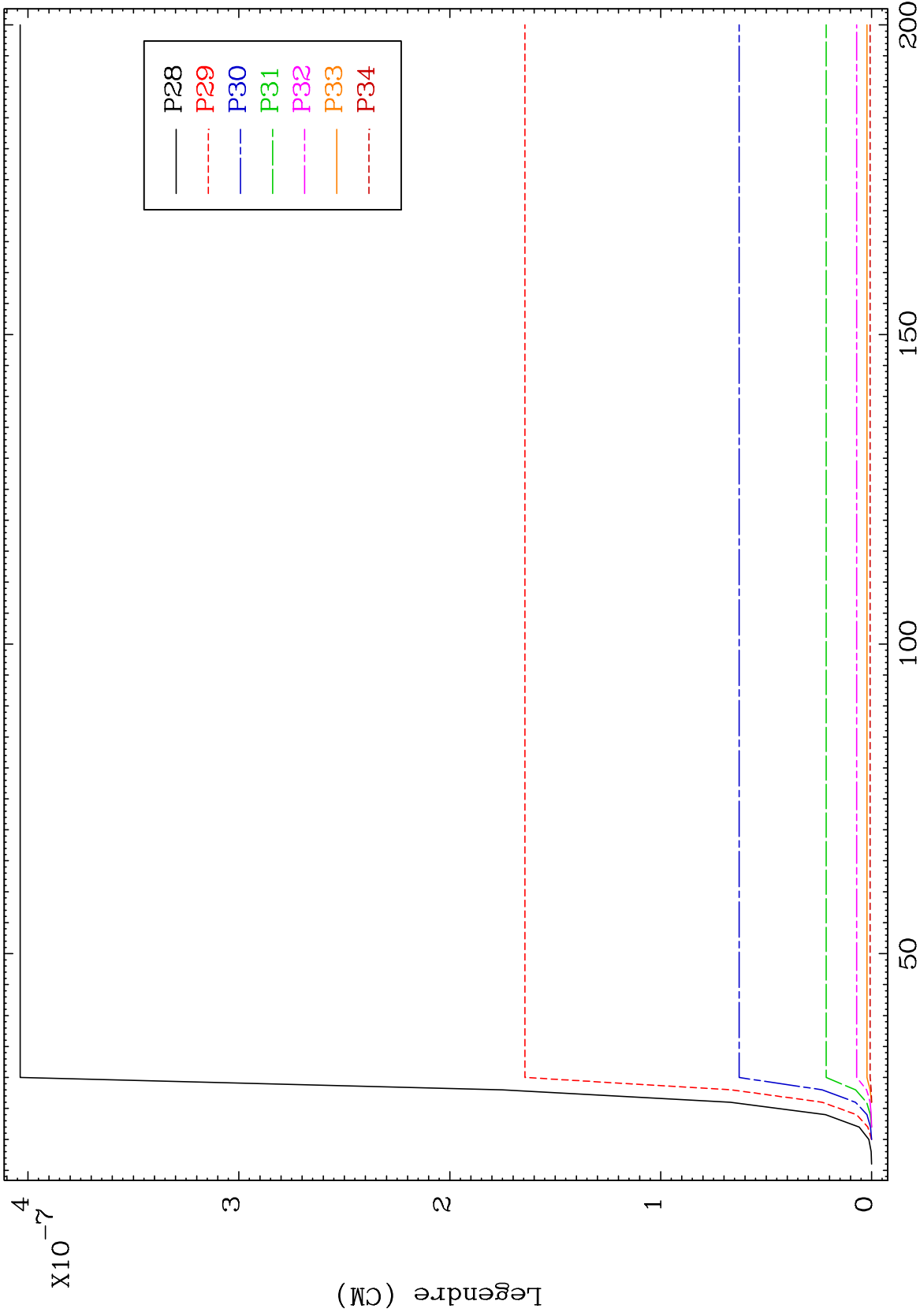
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



52

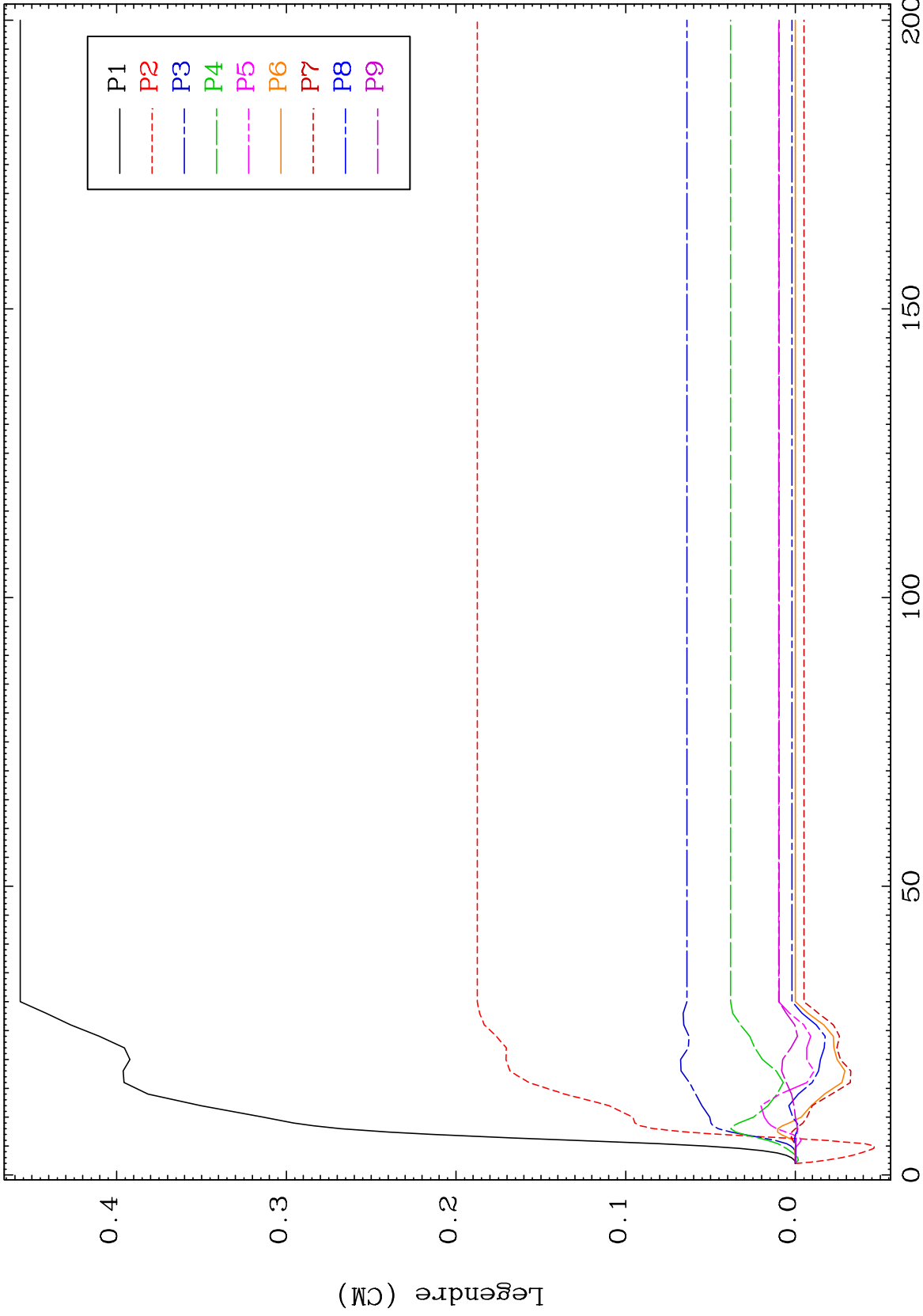
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



53

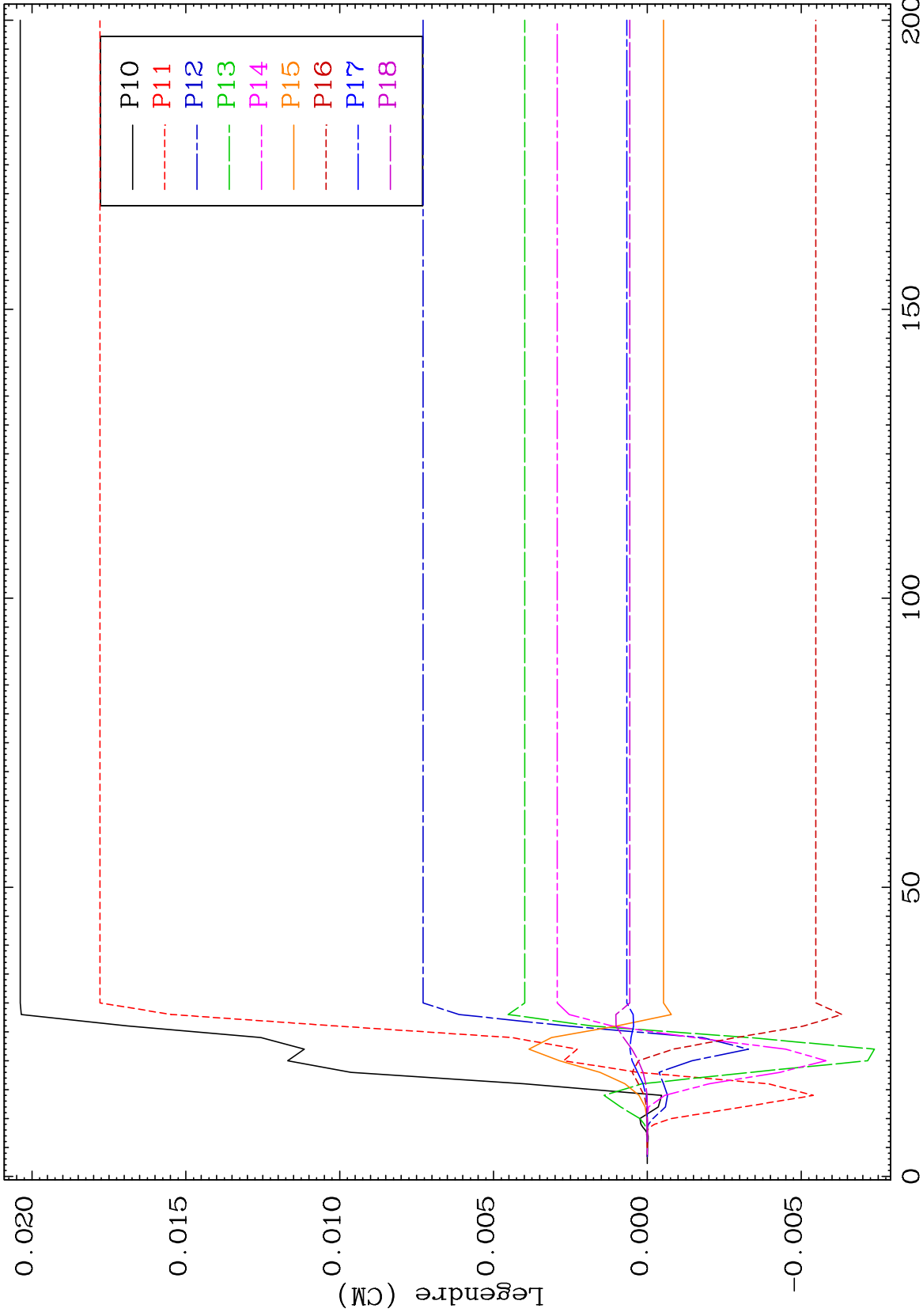
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



54

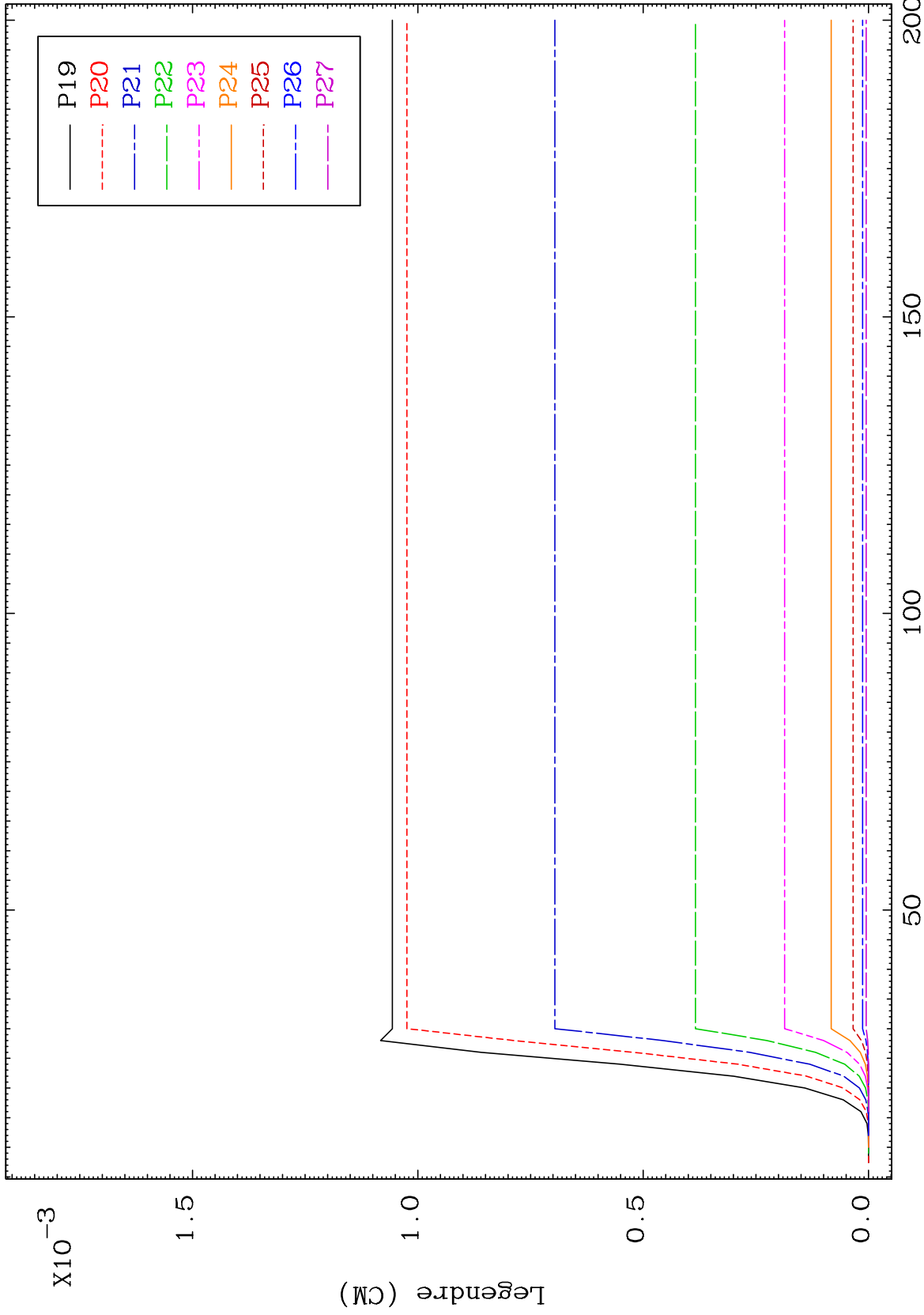
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



55

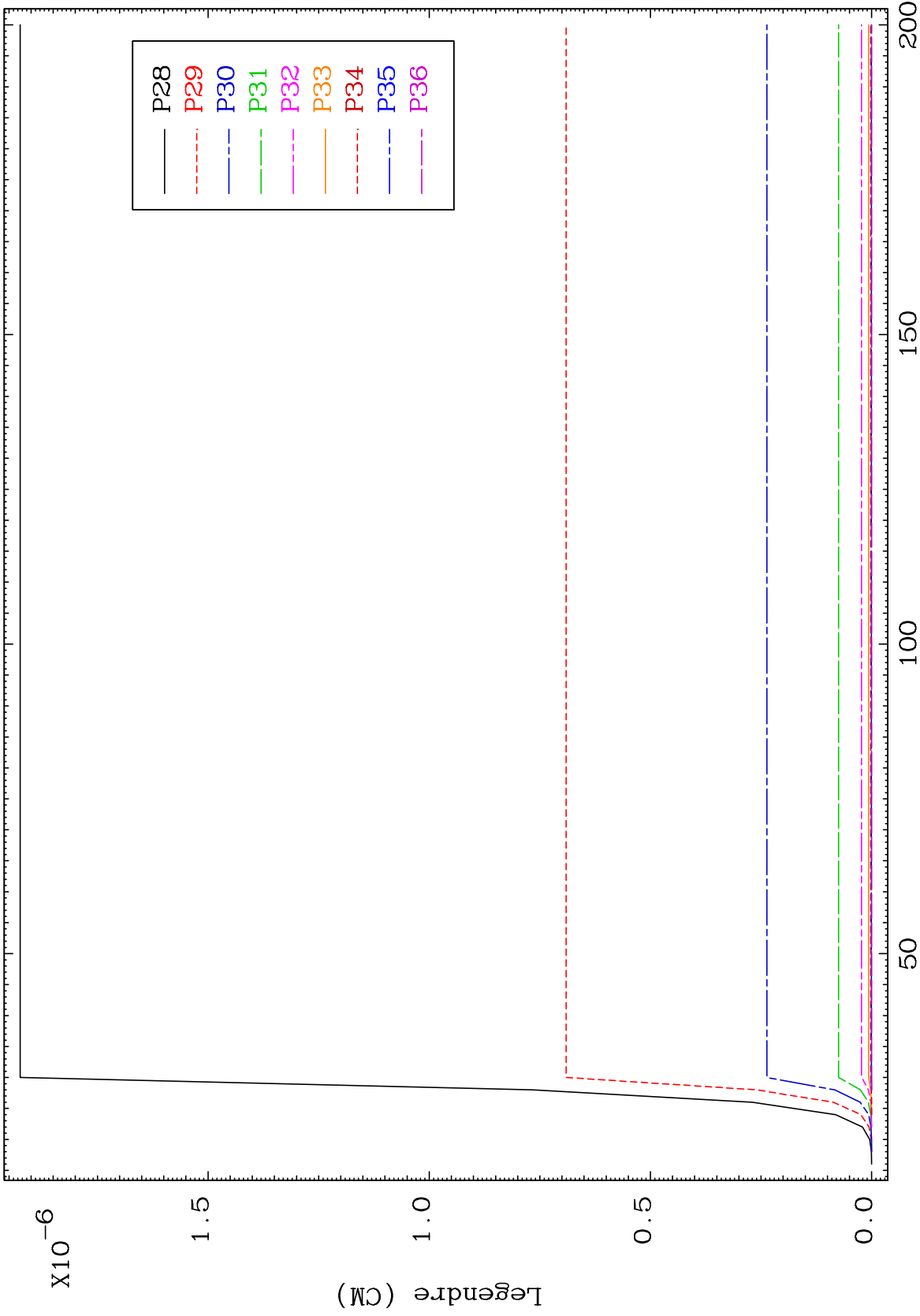
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132

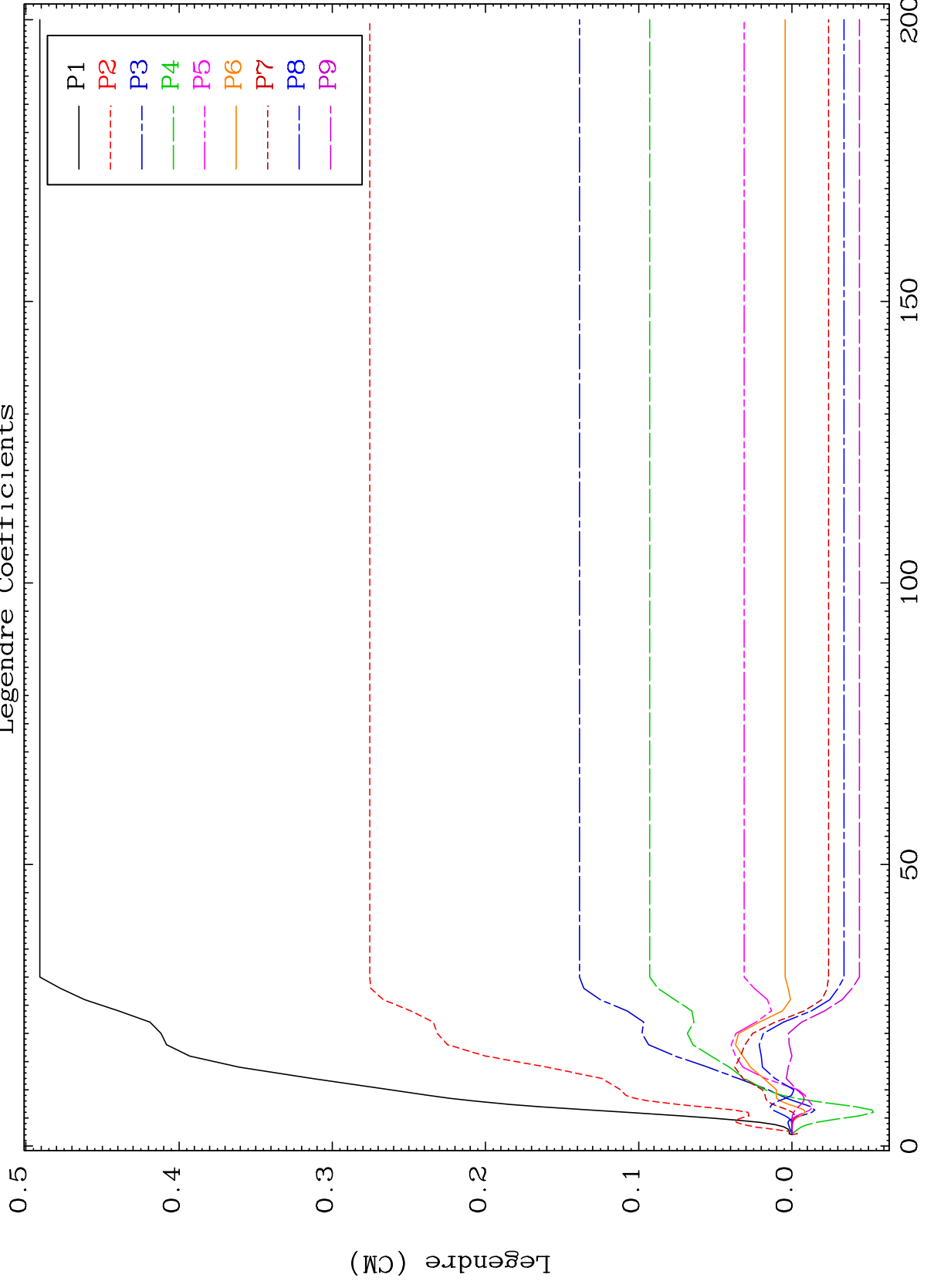


56

Incident Energy (MeV)

56-Ba-132

MAT 5631 MT= 61 (n,n') Level Legendre Coefficients 56-Ba-132

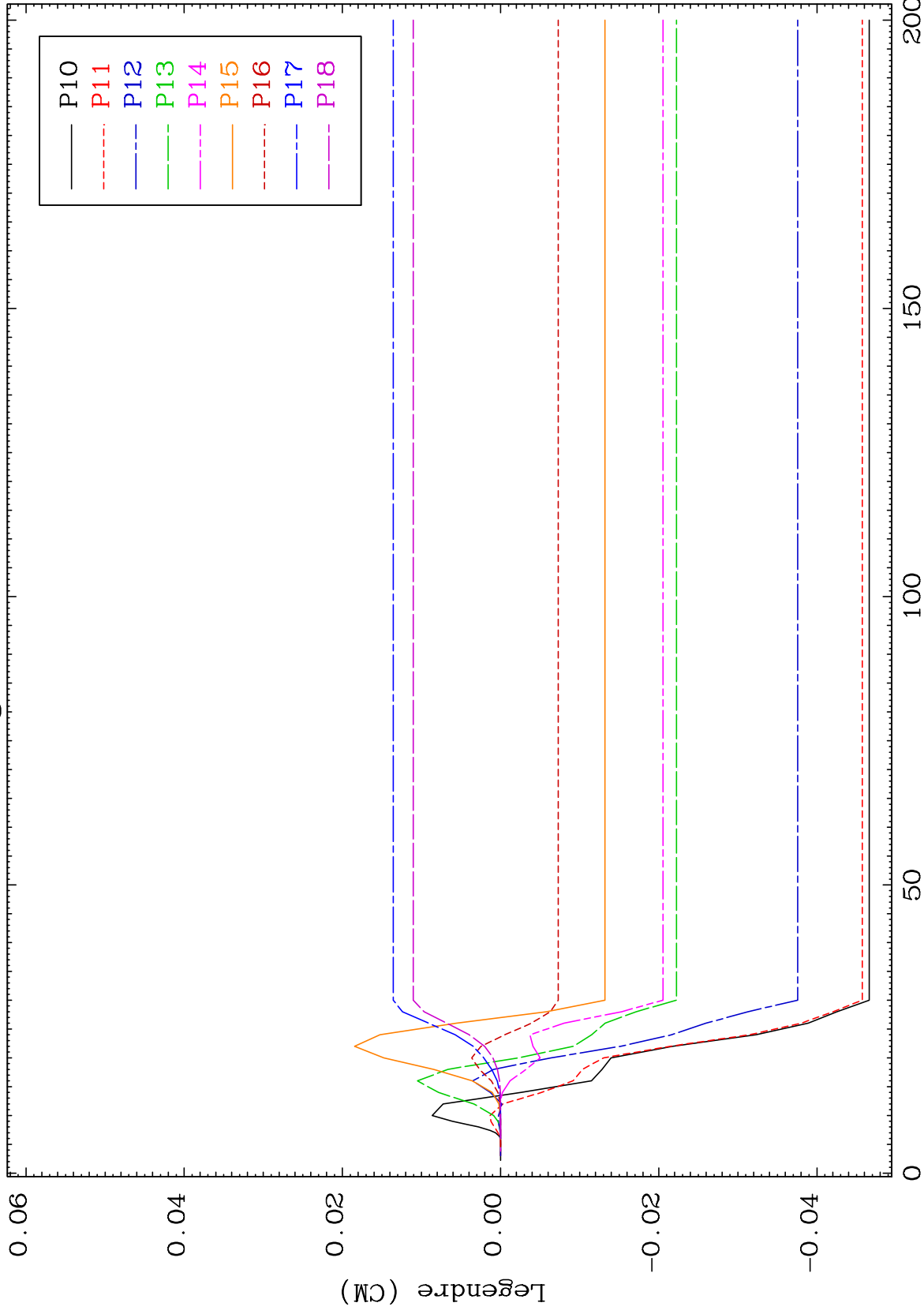


57 56-Ba-132

MAT 5631

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

56-Ba-132

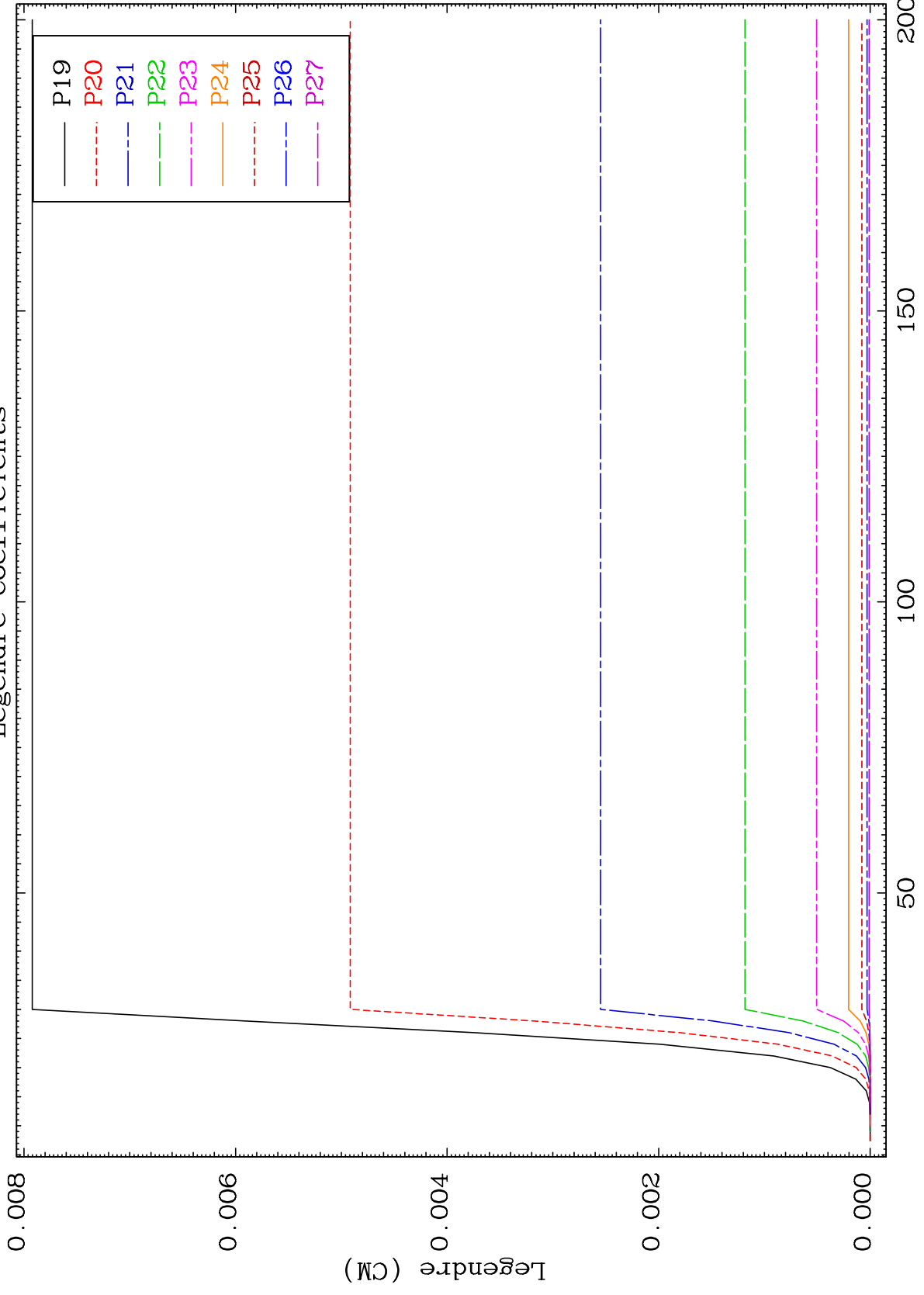


58

Incident Energy (MeV)

56-Ba-132

MAT 5631 MT= 61 (n,n') Level Legendre Coefficients 56-Ba-132

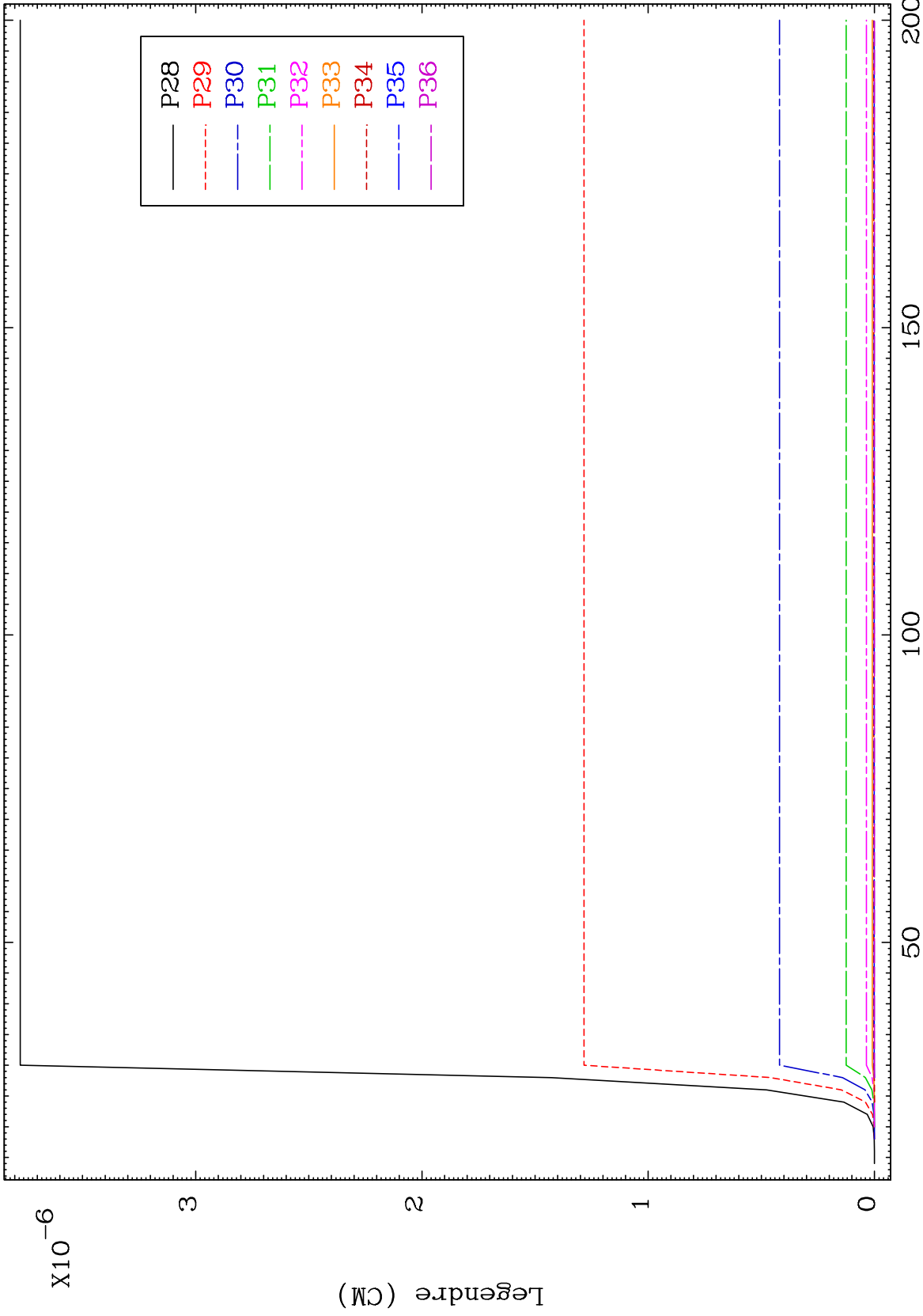


59 56-Ba-132

MAT 5631

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

56-Ba-132



60

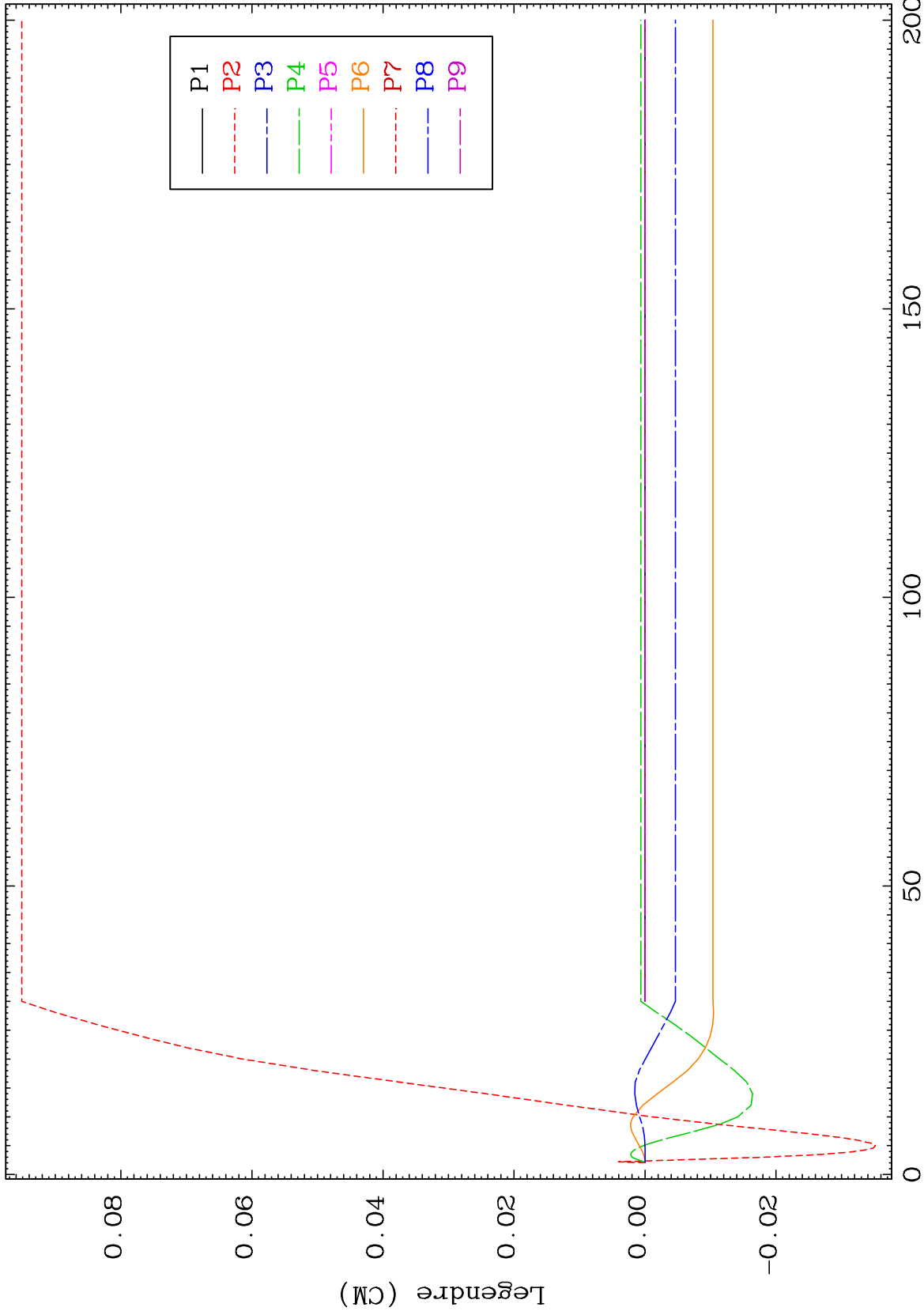
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



61

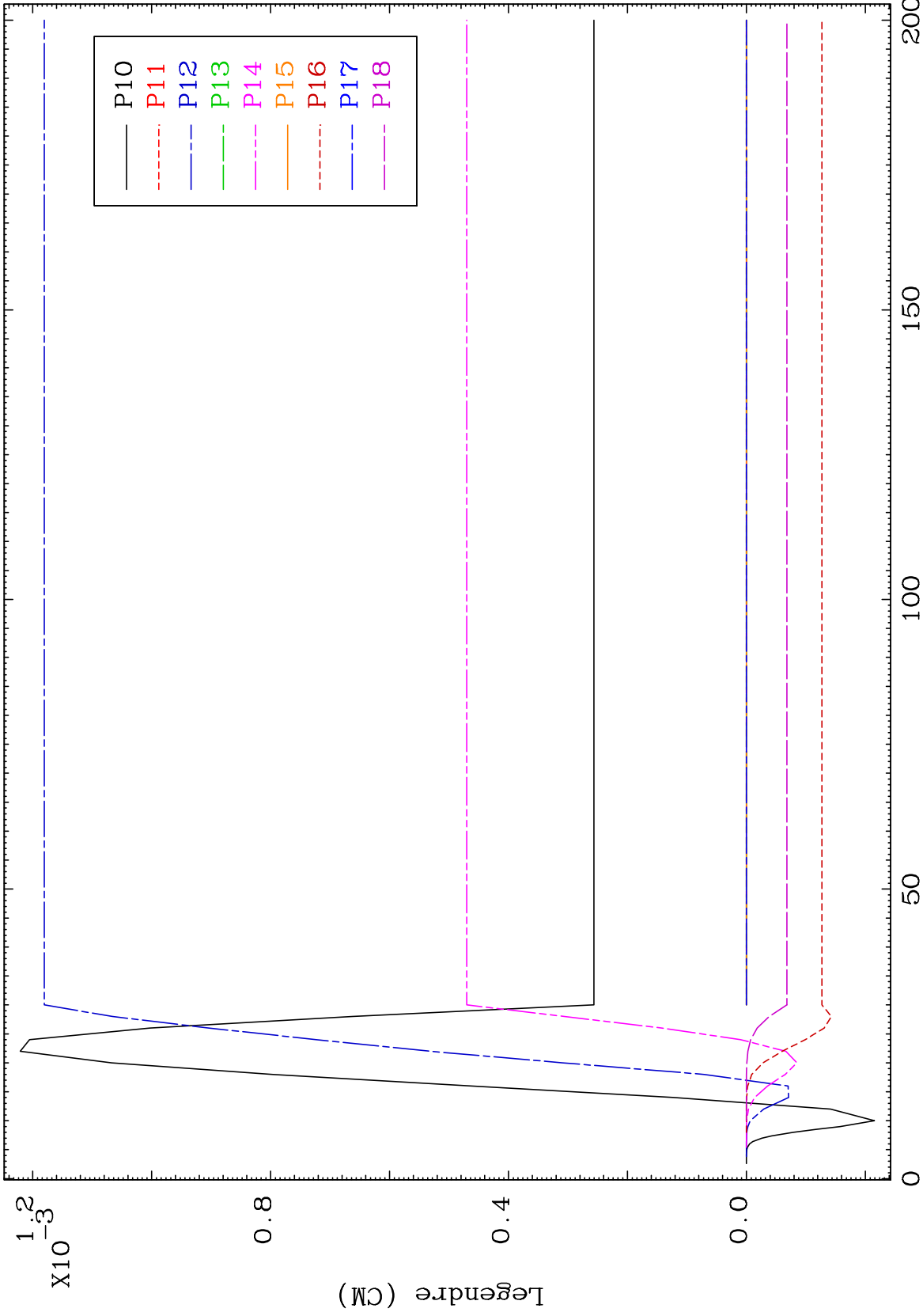
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



62

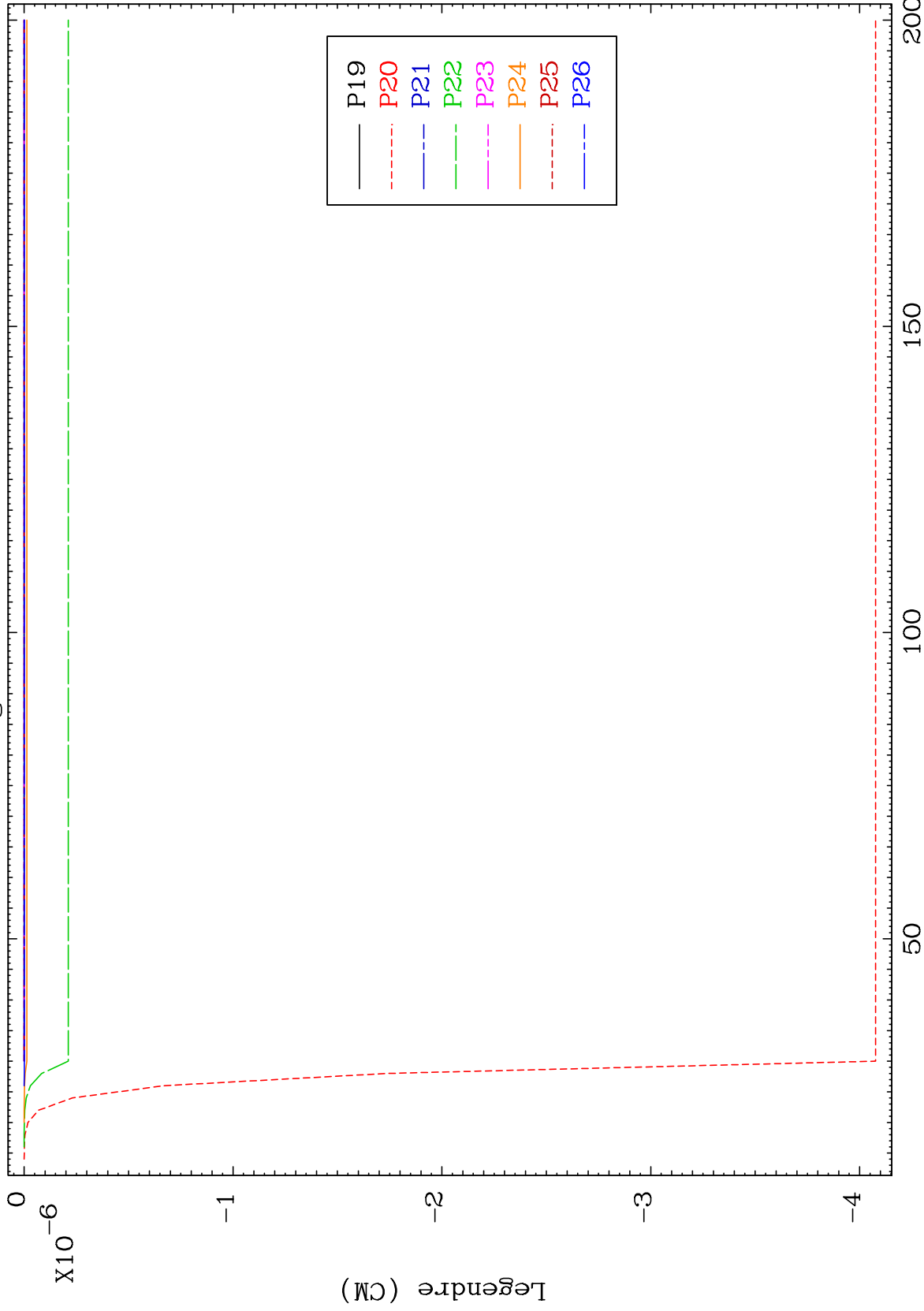
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132

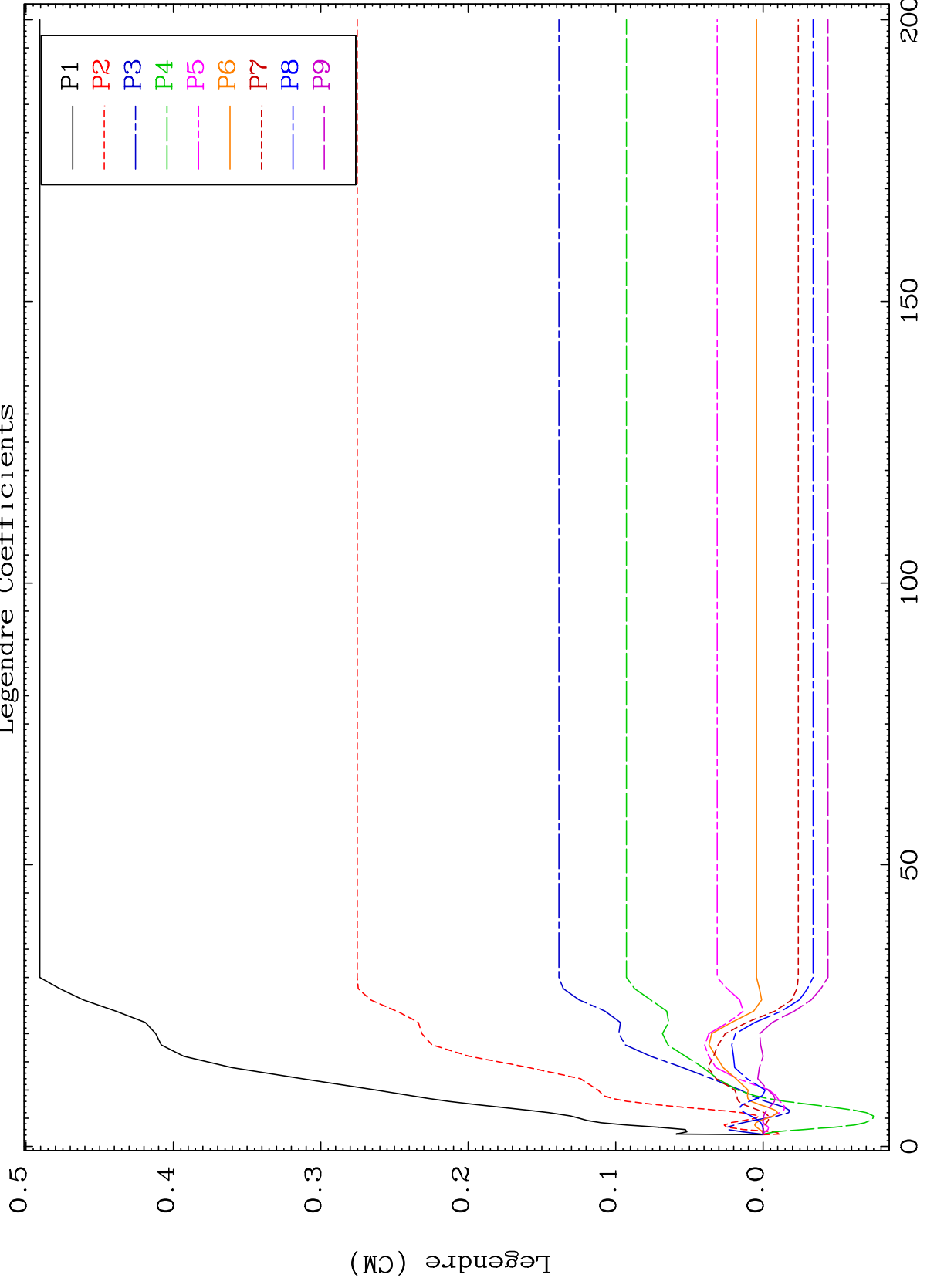


63

Incident Energy (MeV)

56-Ba-132

MAT 5631 MT= 63 (n,n') Level Legendre Coefficients 56-Ba-132

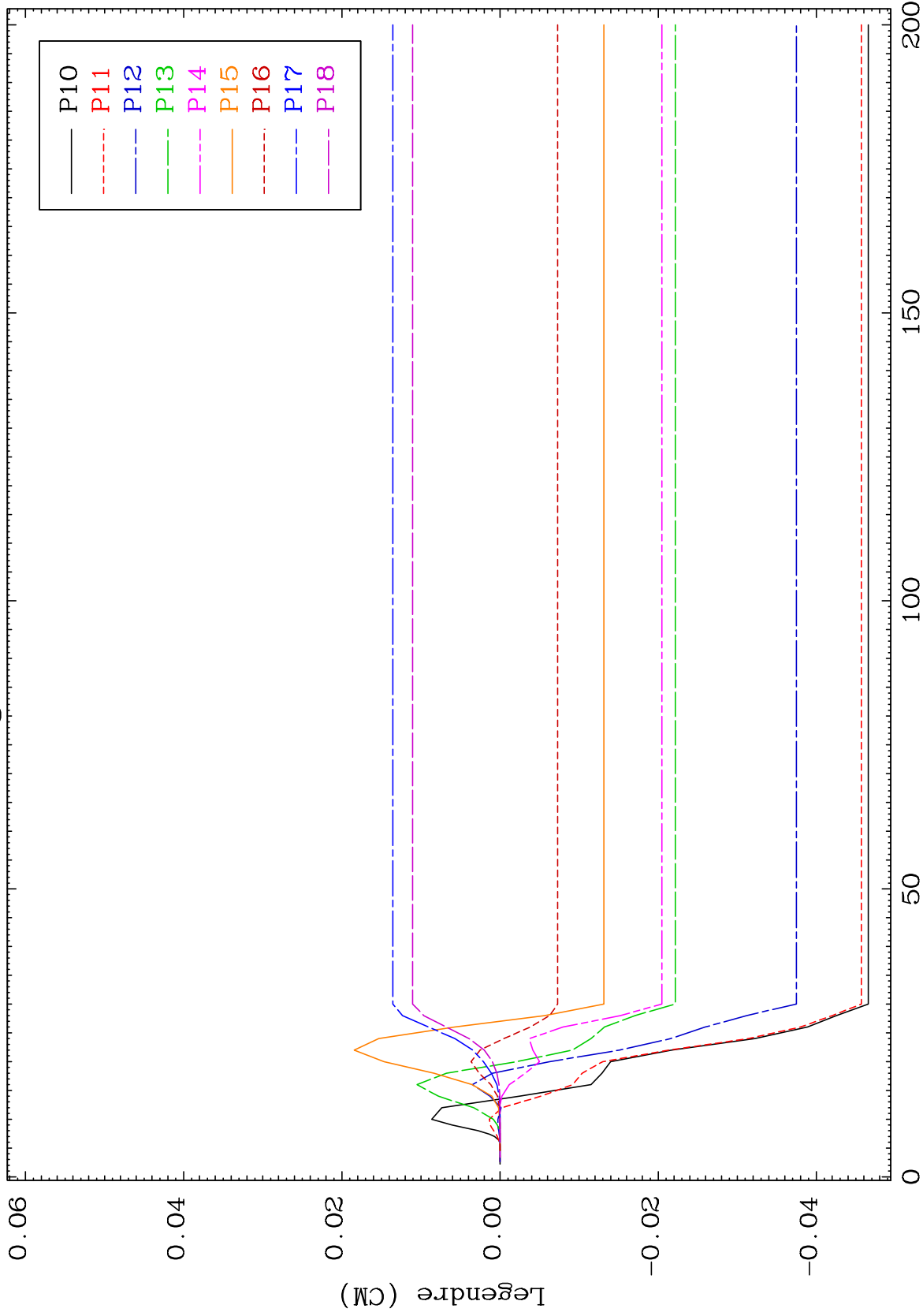


64 Incident Energy (MeV) 56-Ba-132

MAT 5631

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

56-Ba-132

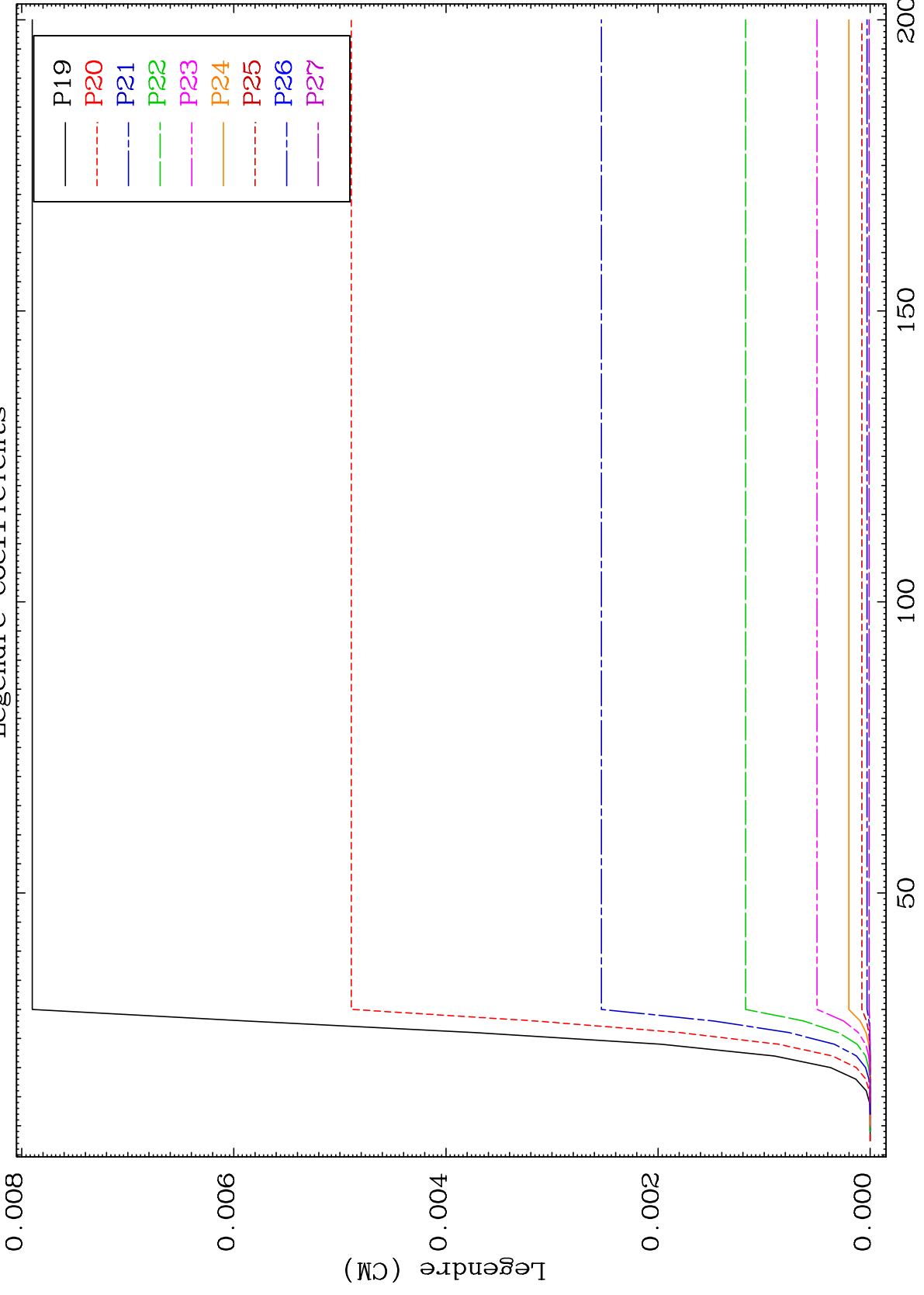


65

Incident Energy (MeV)

56-Ba-132

MAT 5631 MT= 63 (n,n') Level Legendre Coefficients 56-Ba-132

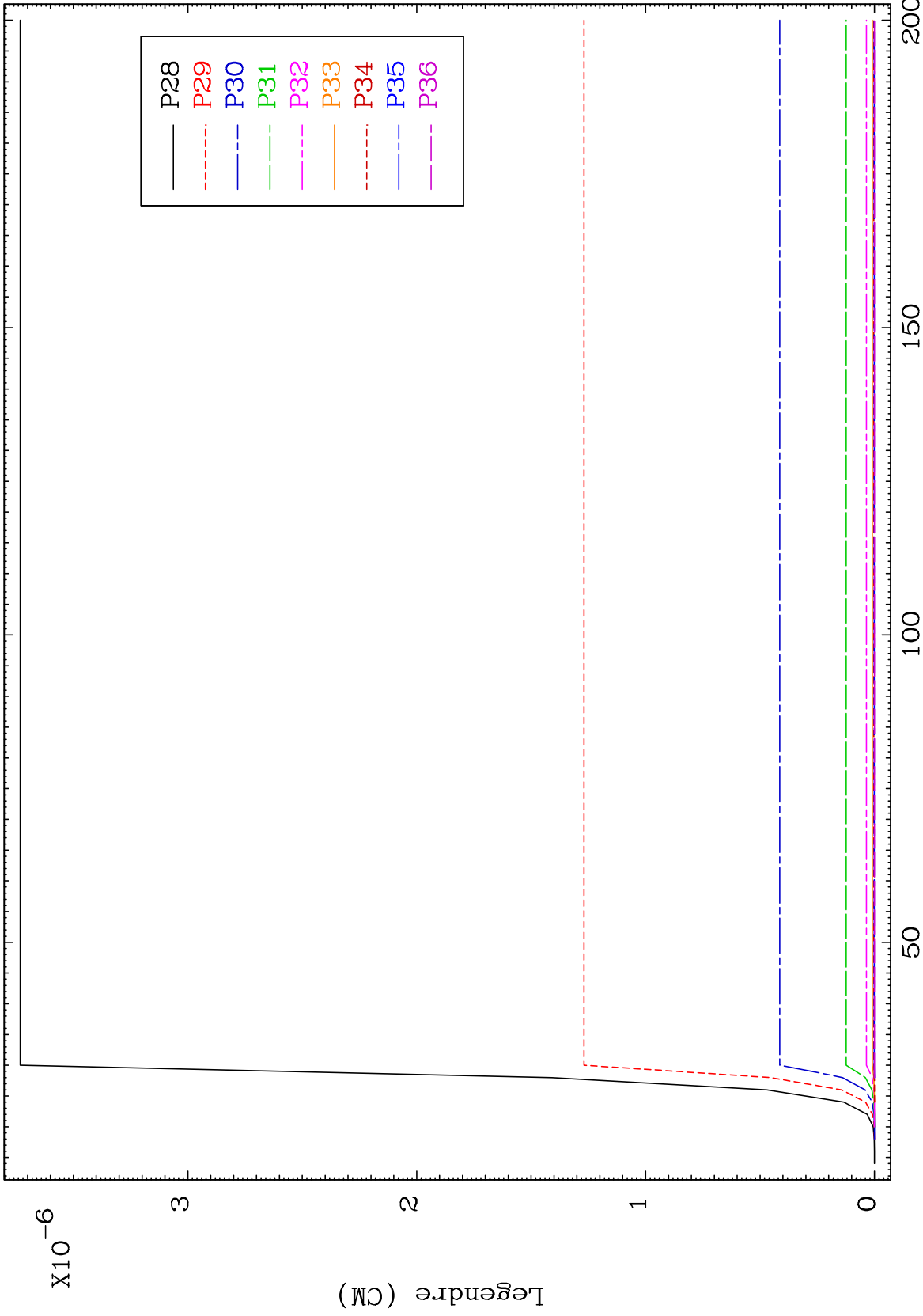


66 56-Ba-132

MAT 5631

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

56-Ba-132



67

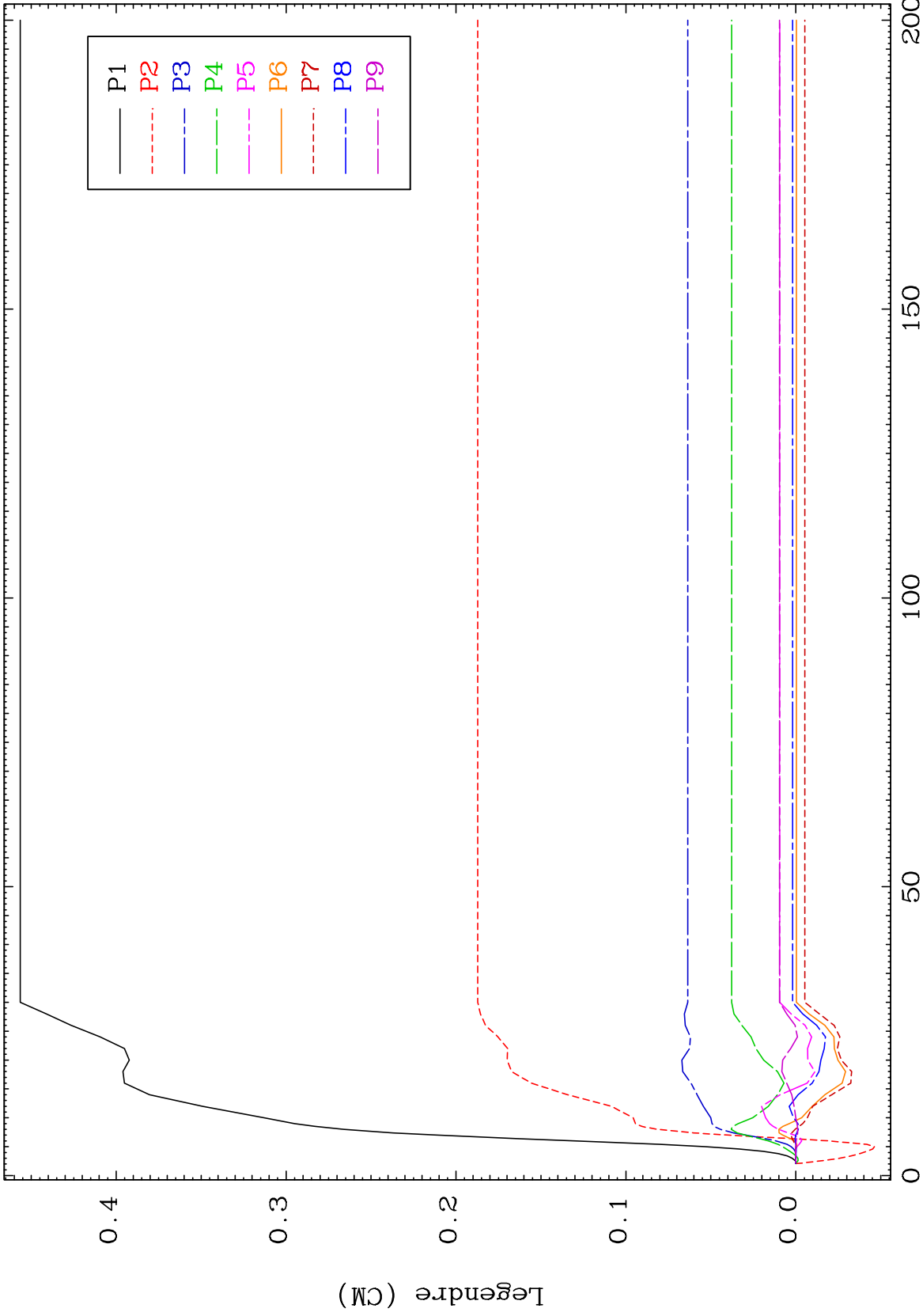
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



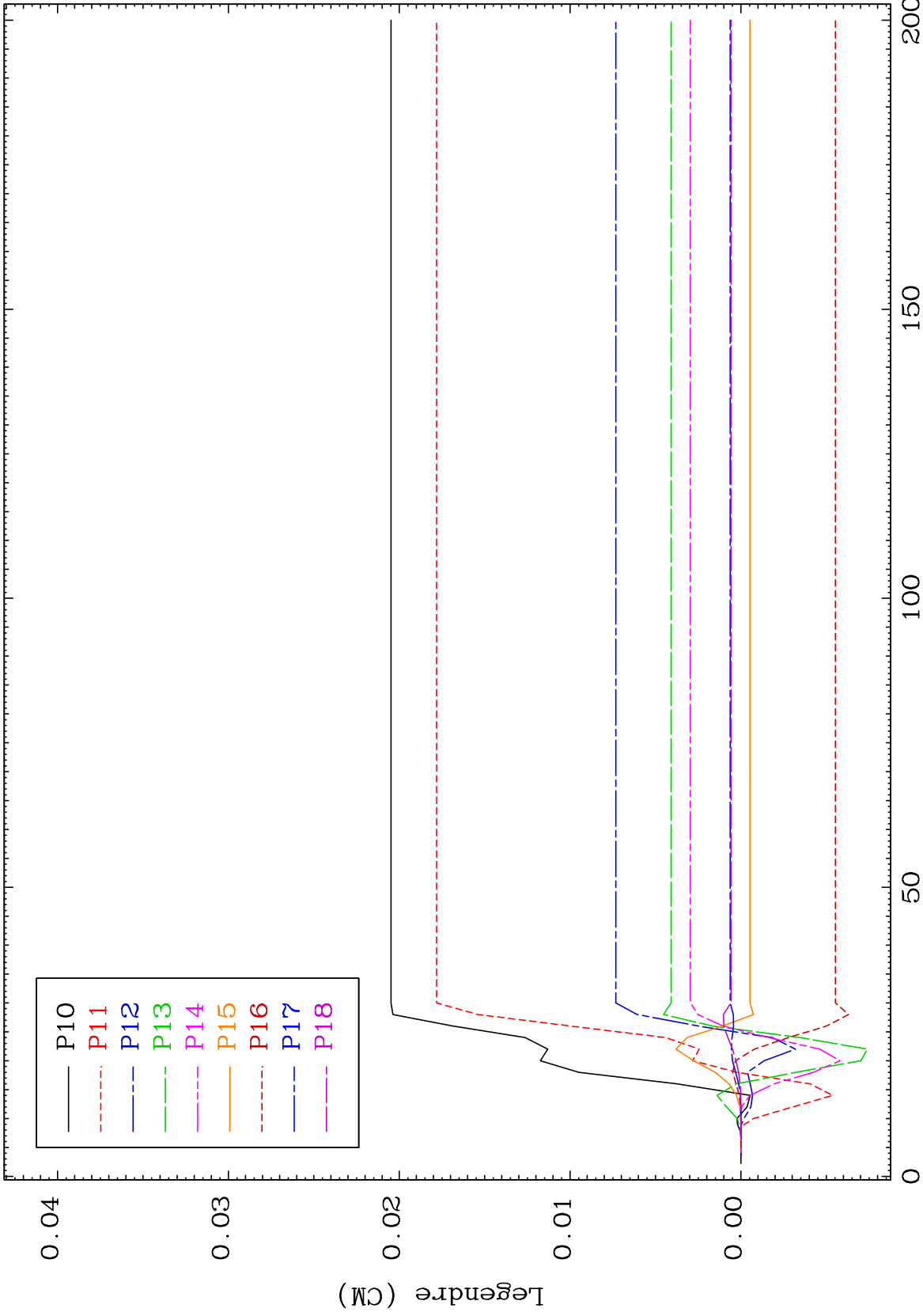
68

56-Ba-132

MAT 5631

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

56-Ba-132



69

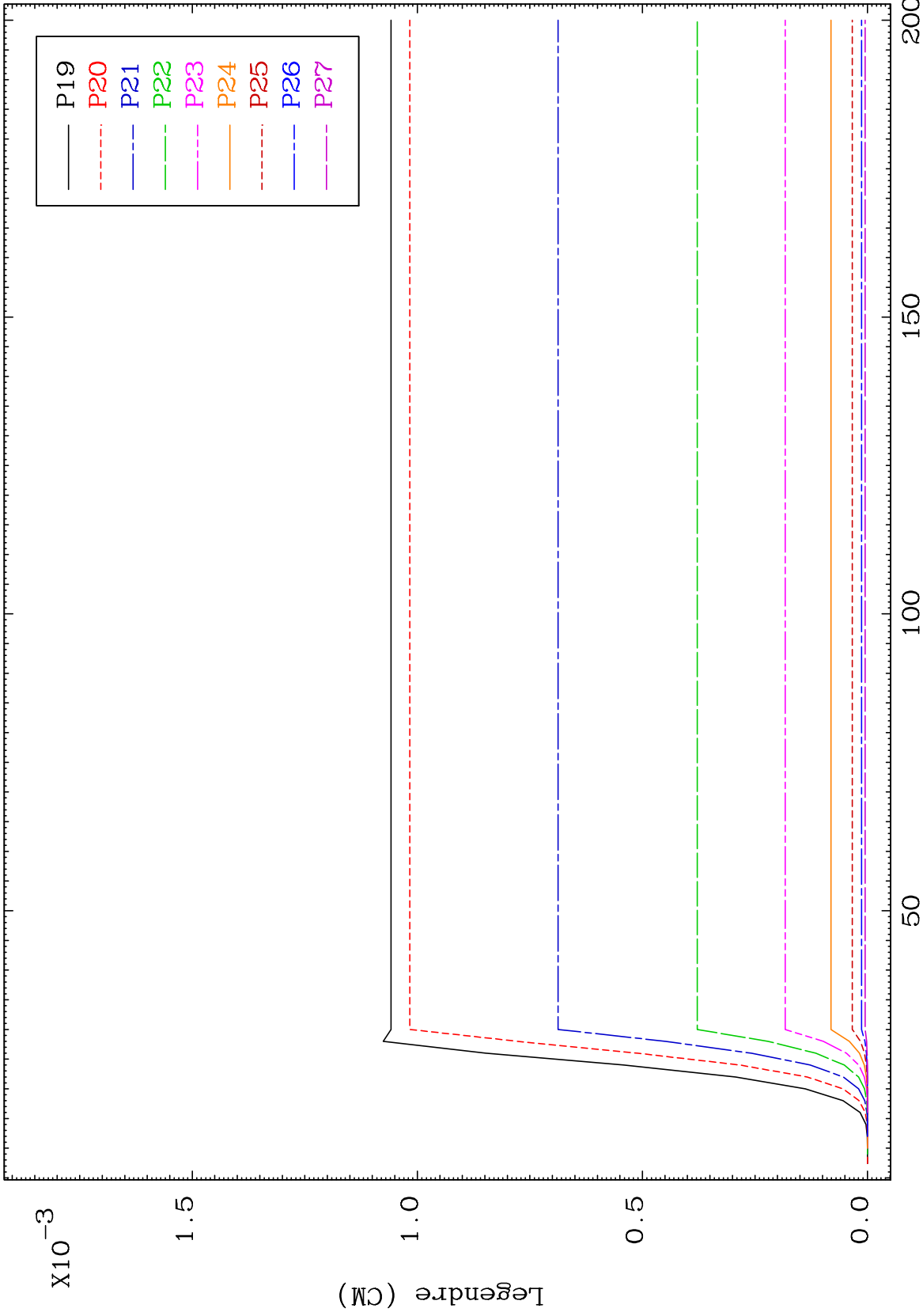
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



70

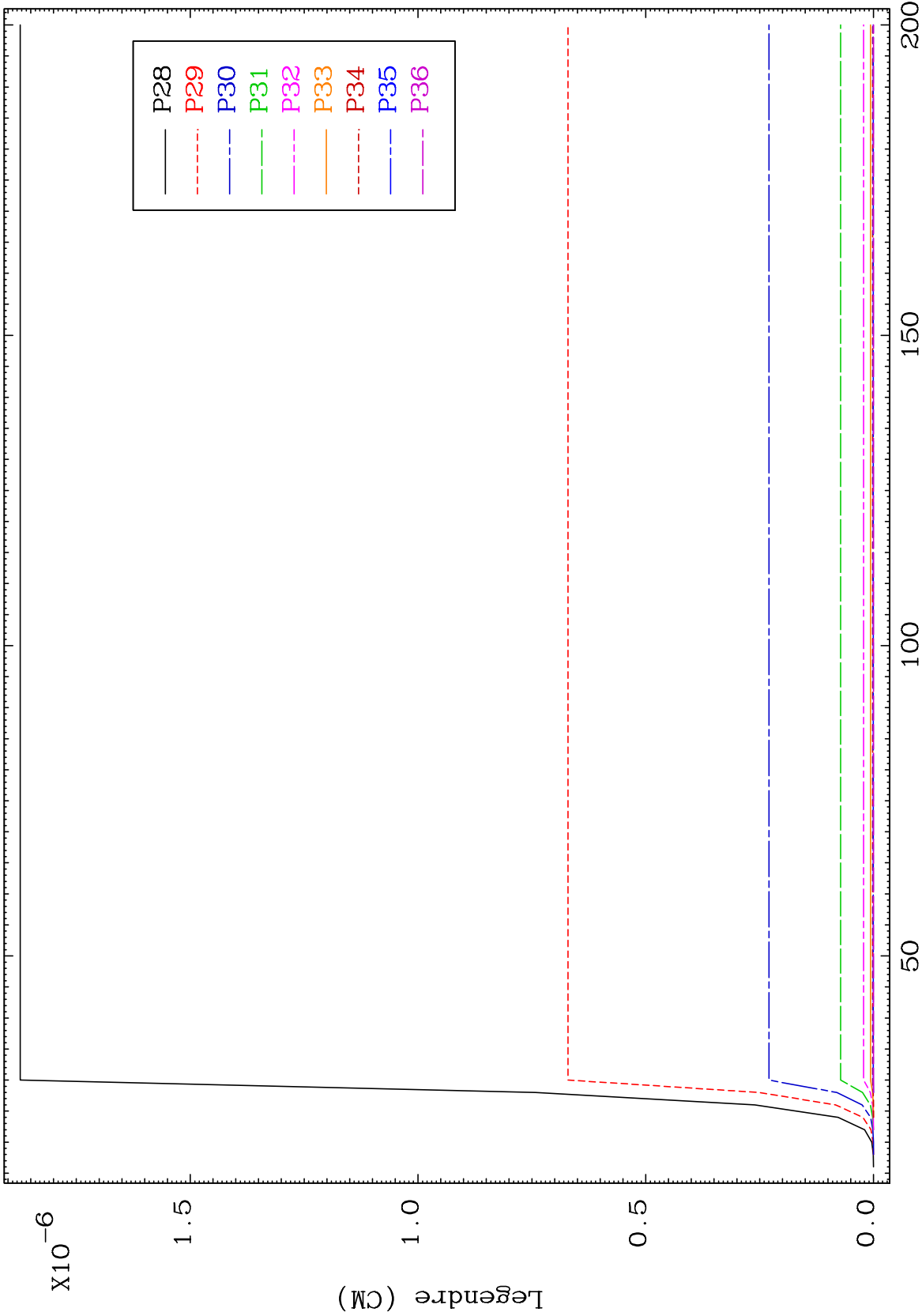
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



71

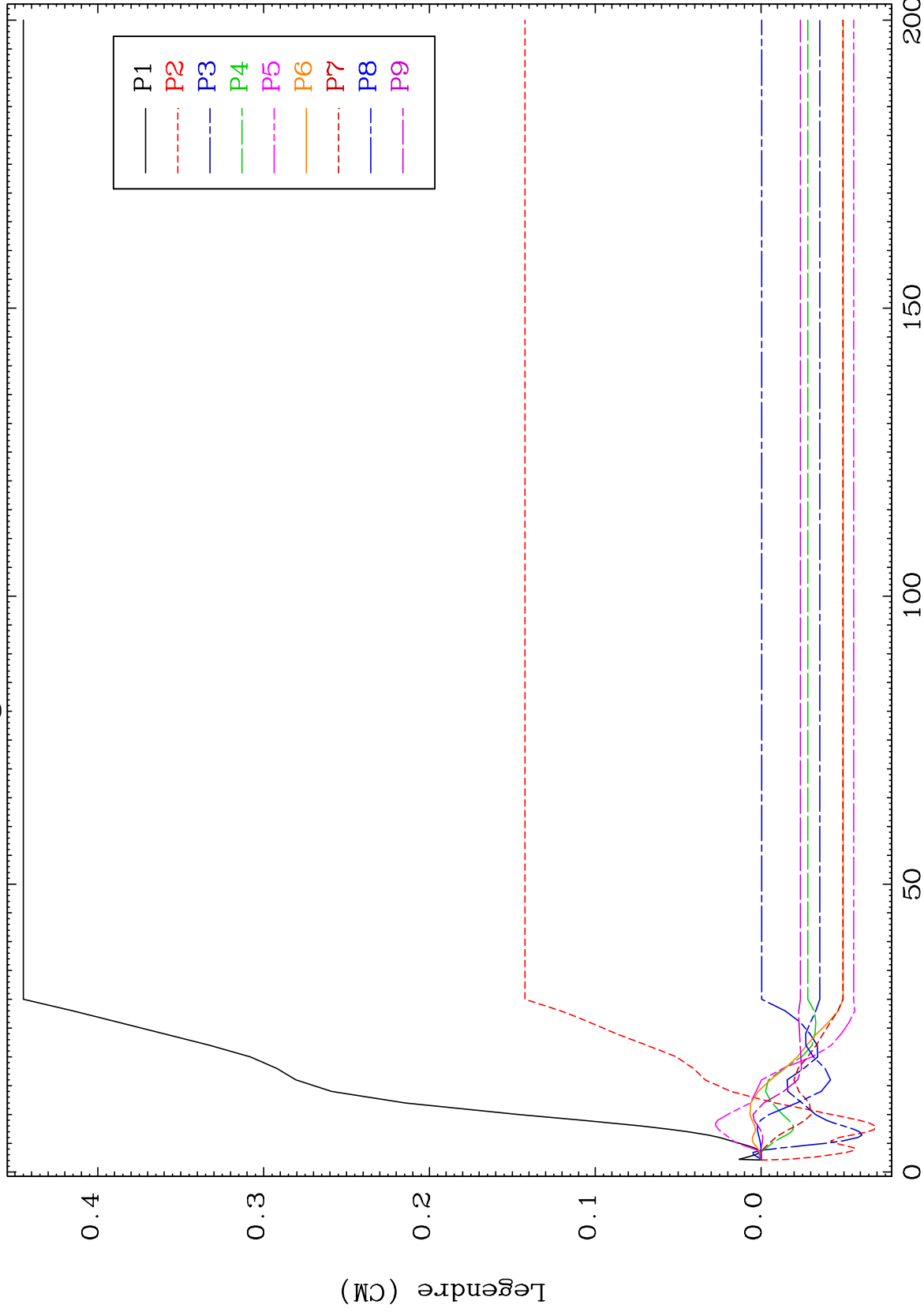
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



72

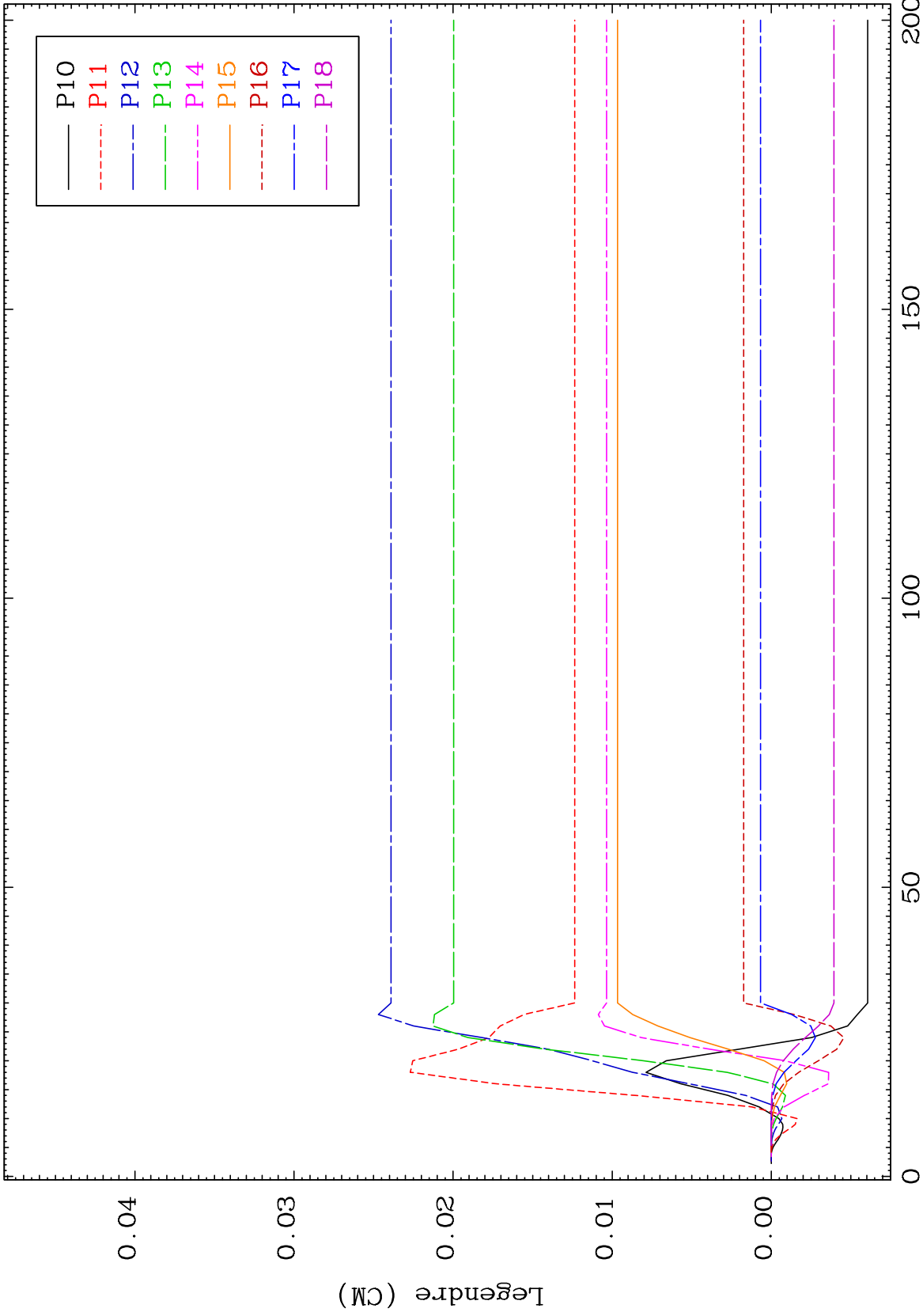
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



73

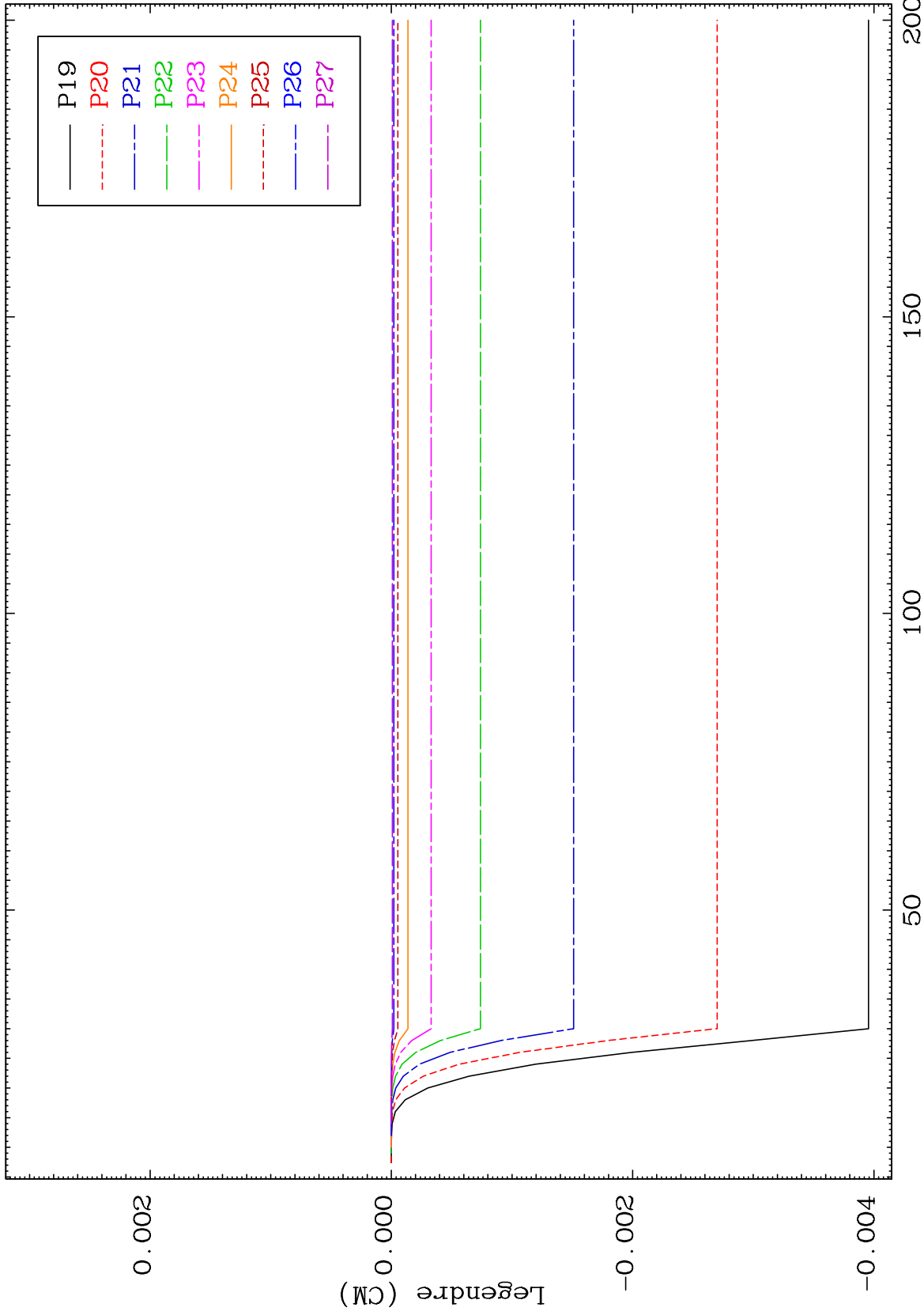
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



74

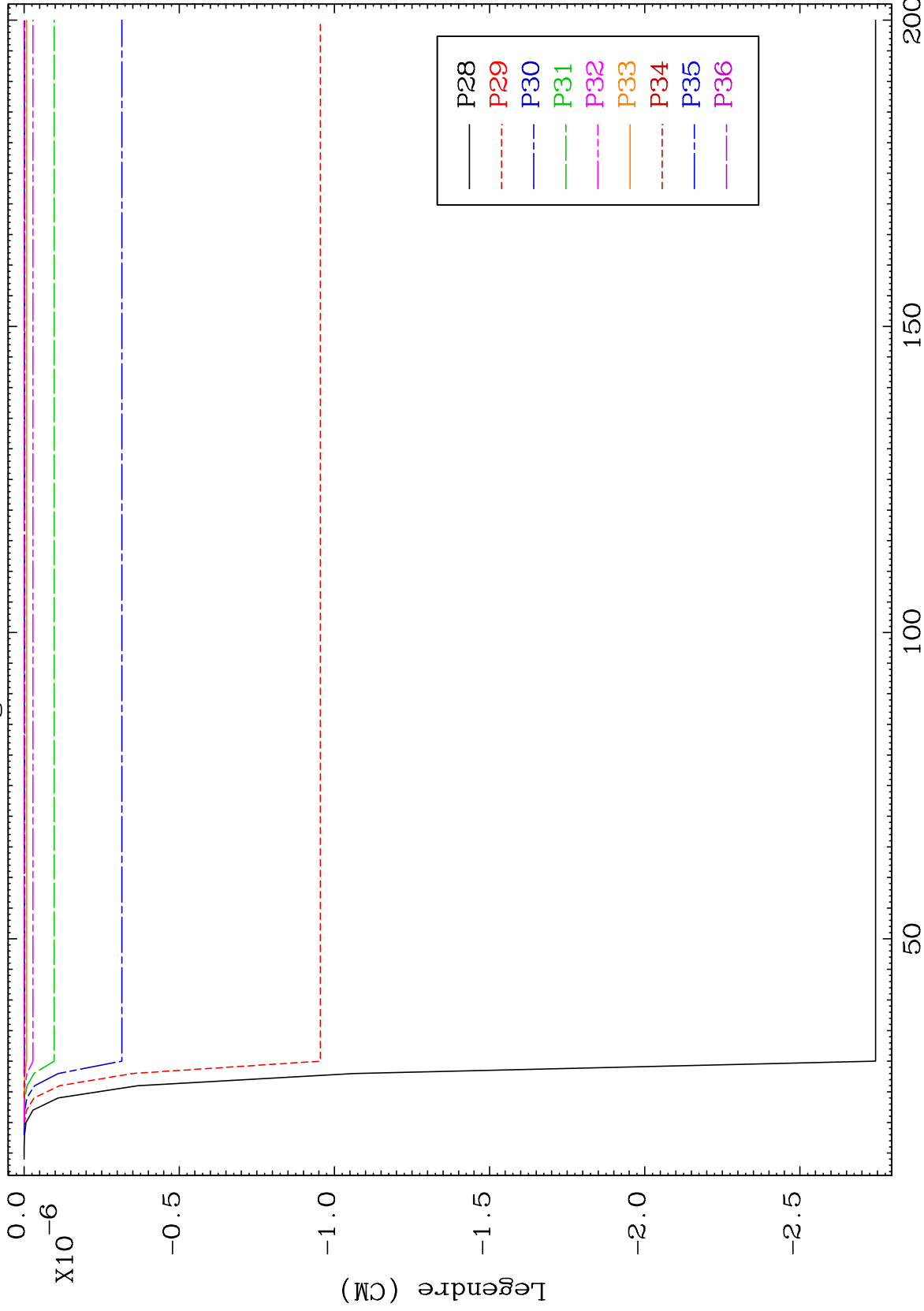
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



56-Ba-132

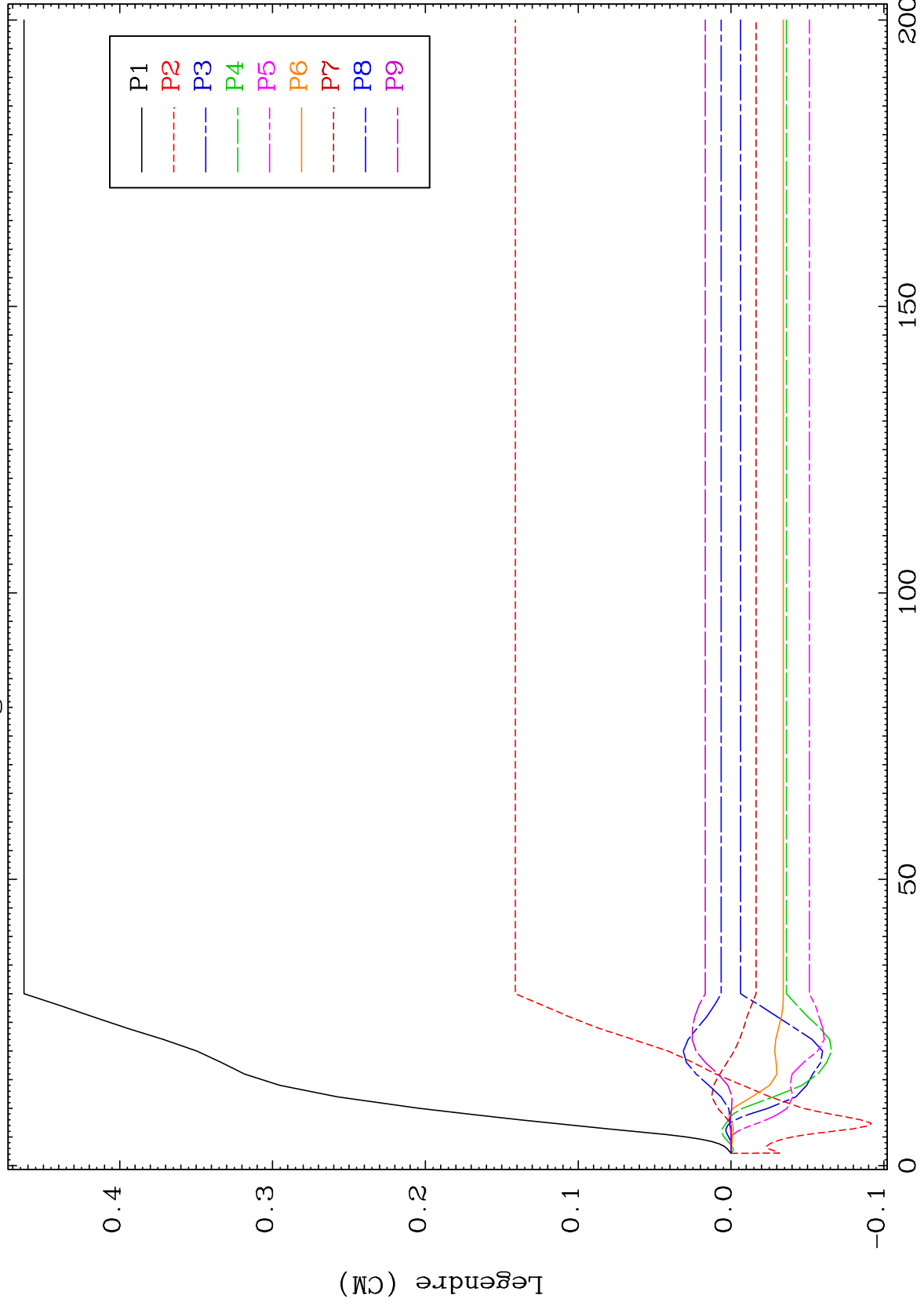
Incident Energy (MeV)

75

MAT 5631

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

56-Ba-132



76

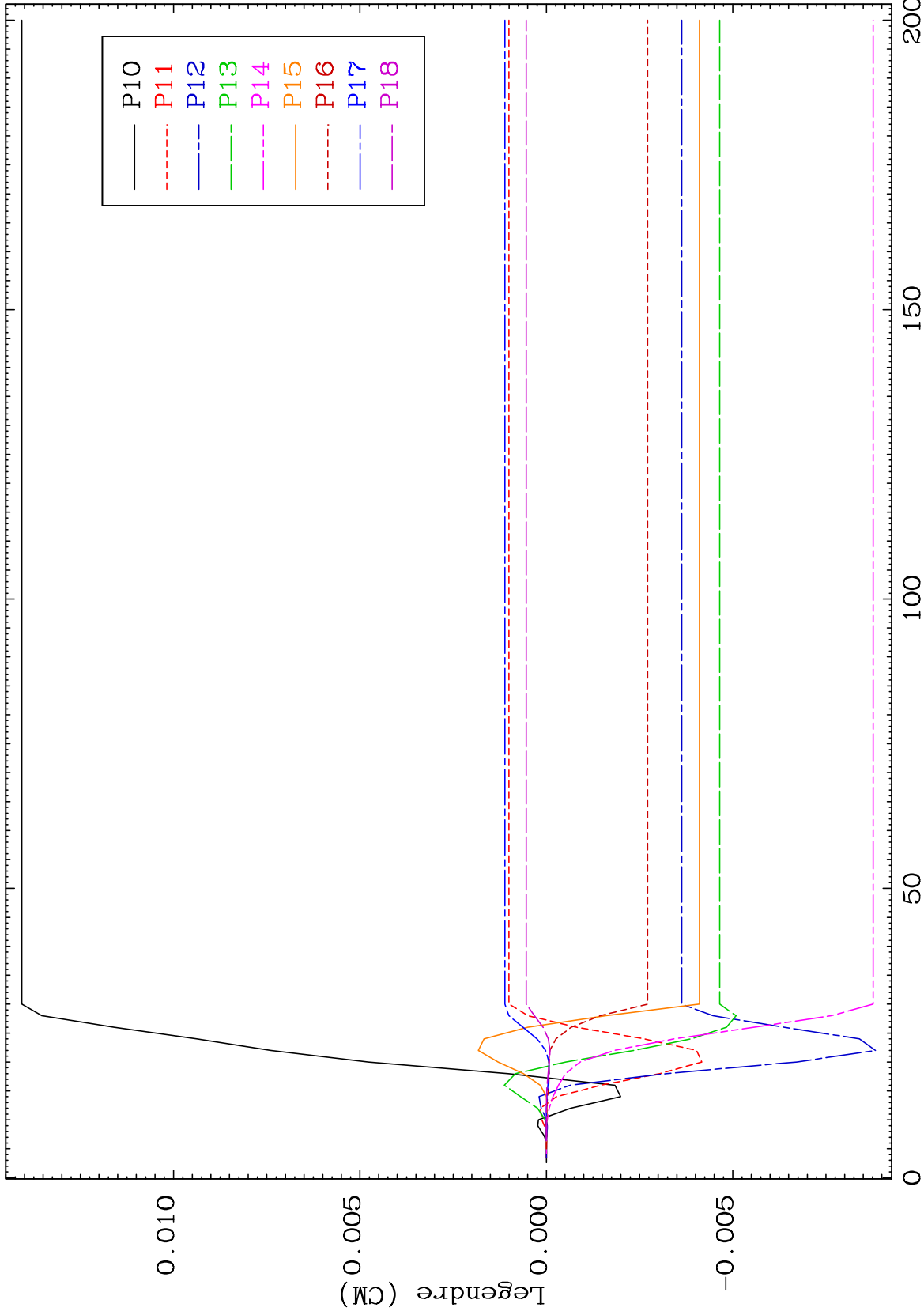
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



77

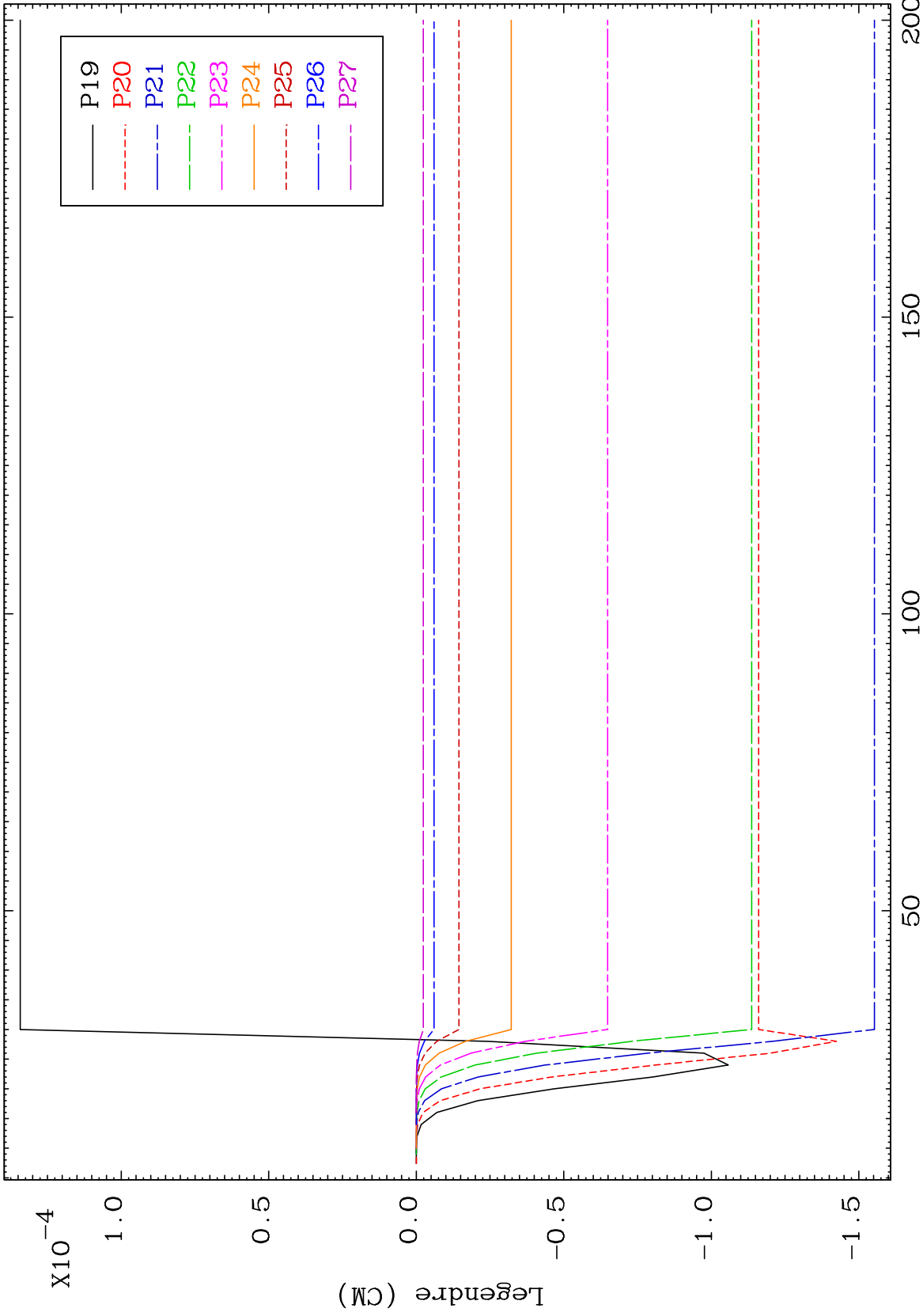
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



78

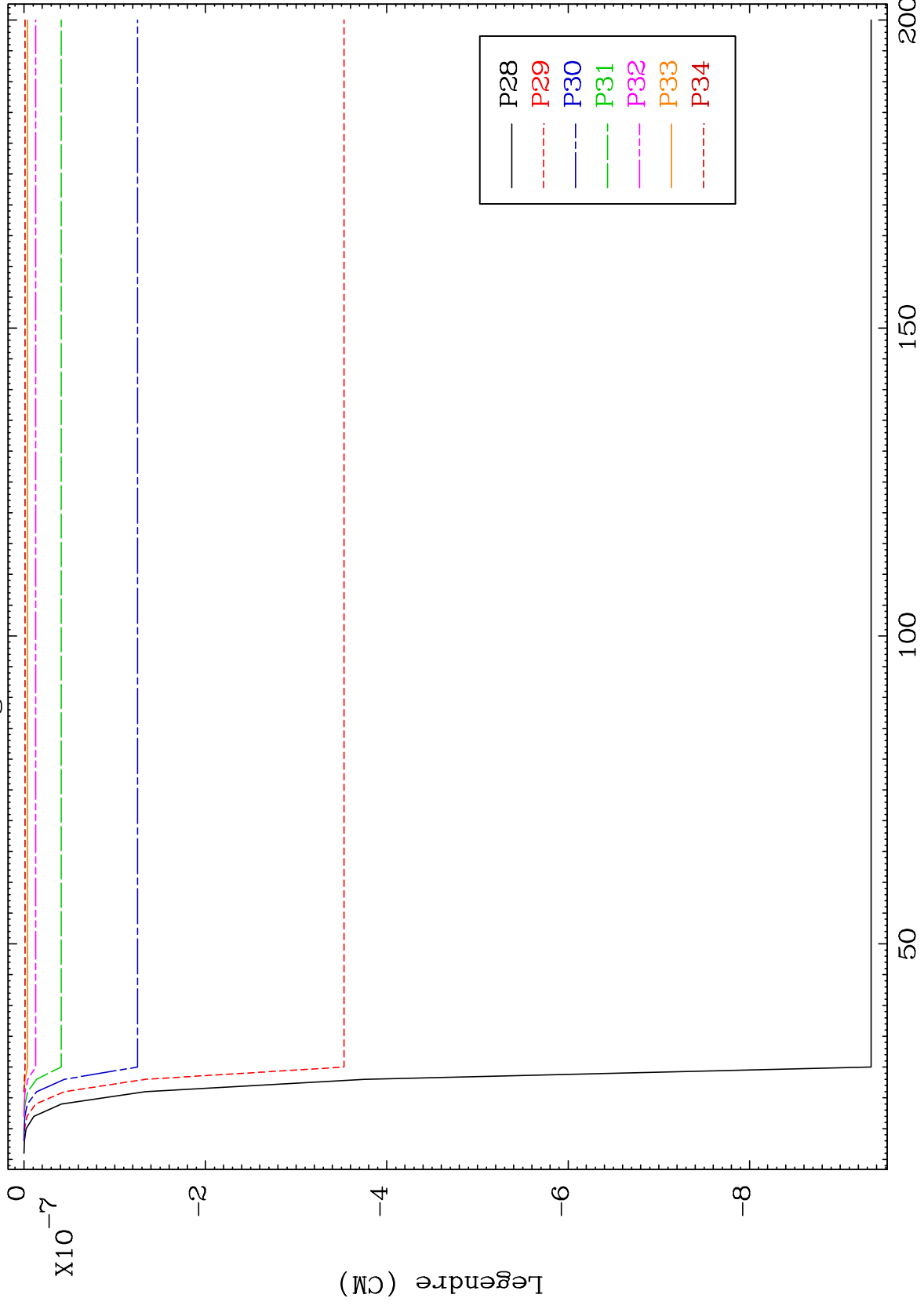
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



56-Ba-132

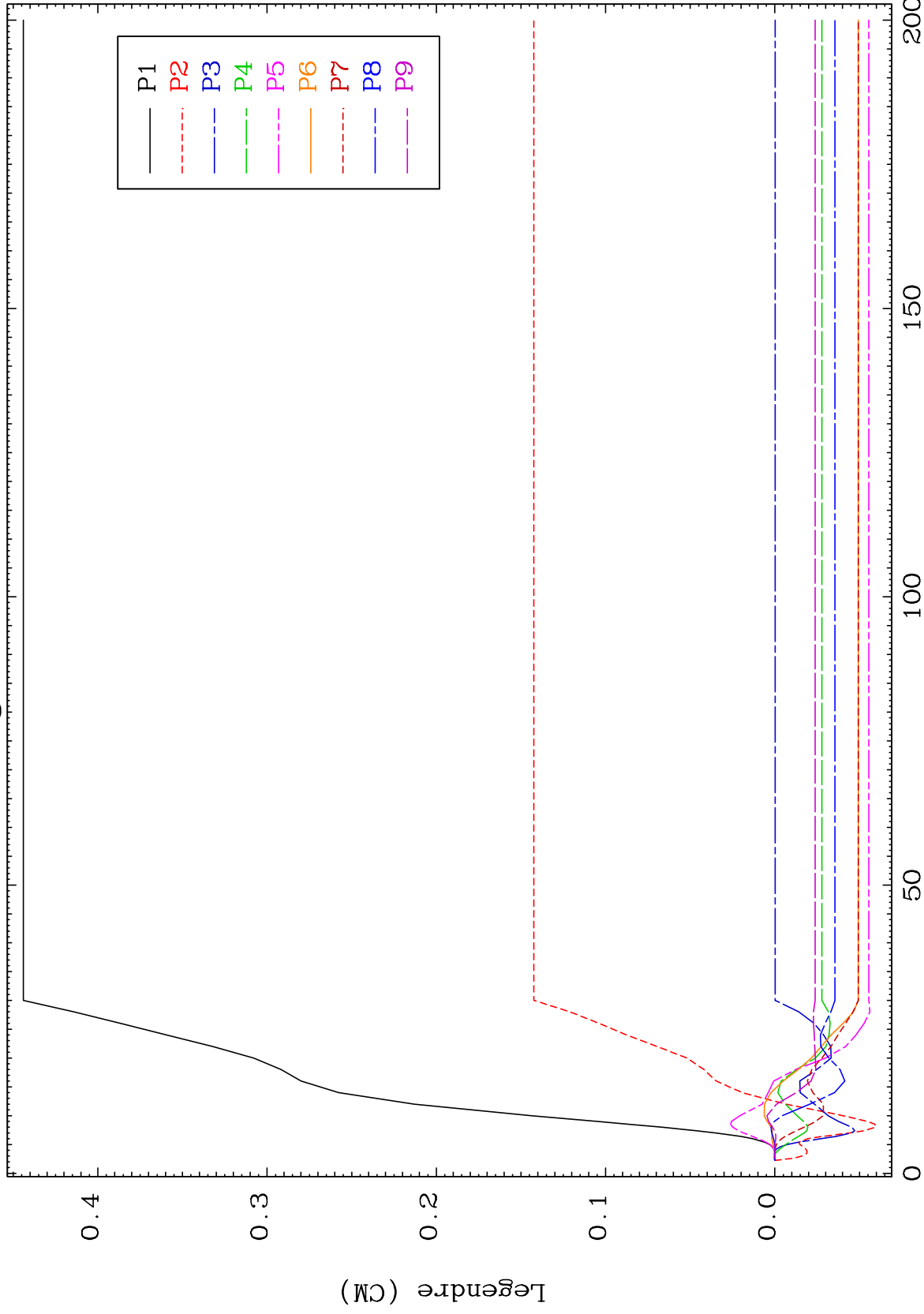
Incident Energy (MeV)

79

MAT 5631

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

56-Ba-132



80

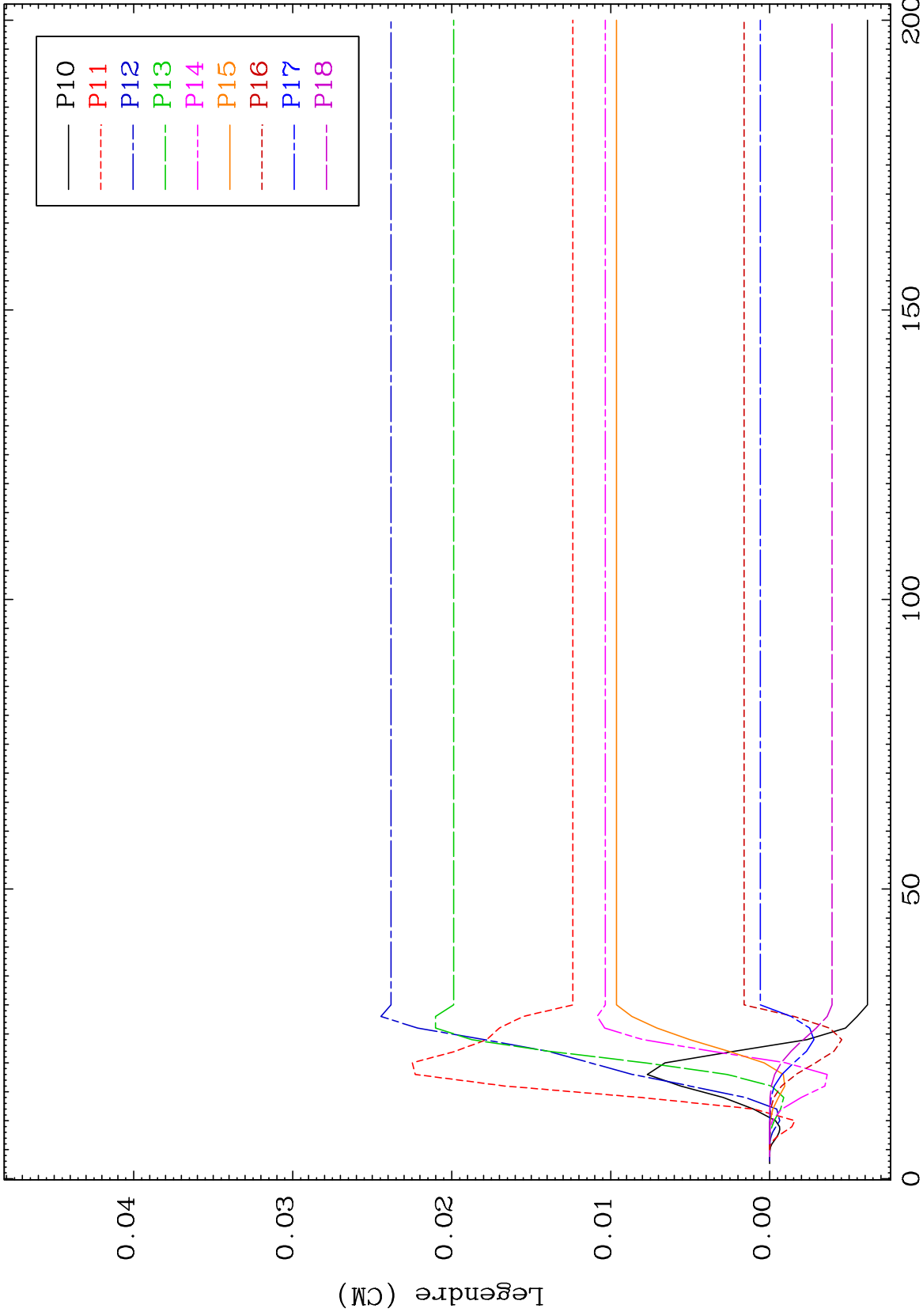
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



81

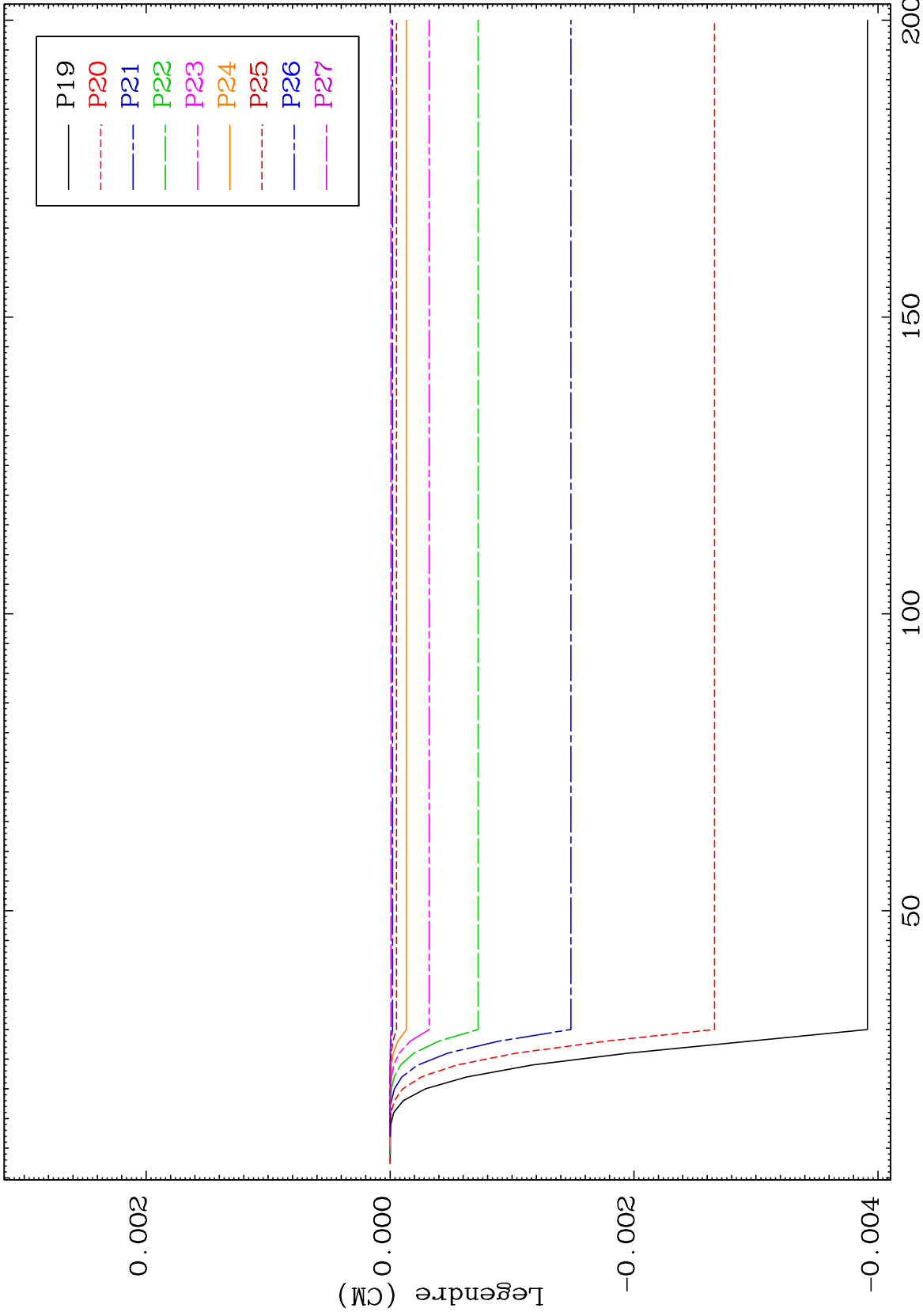
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



82

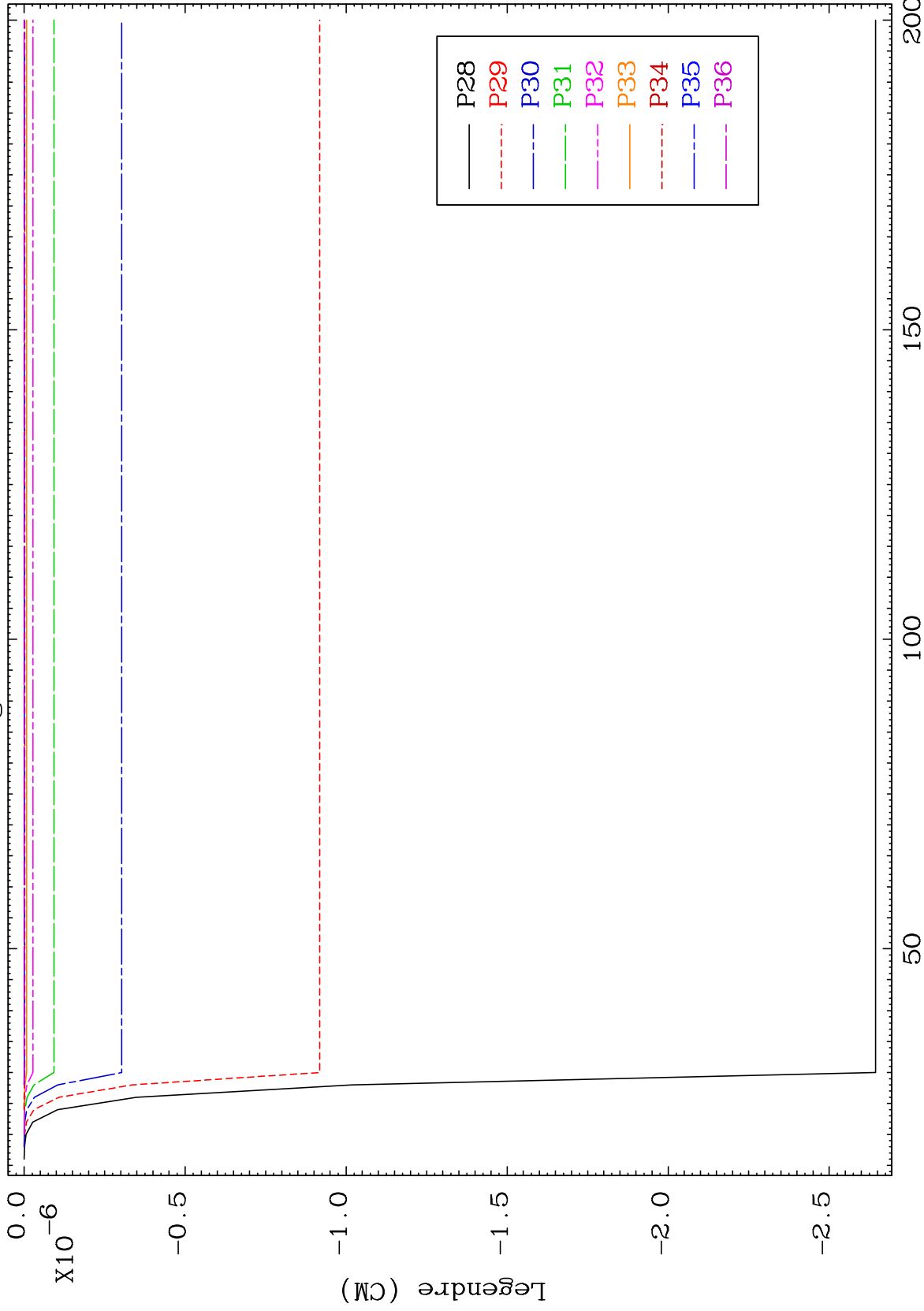
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132

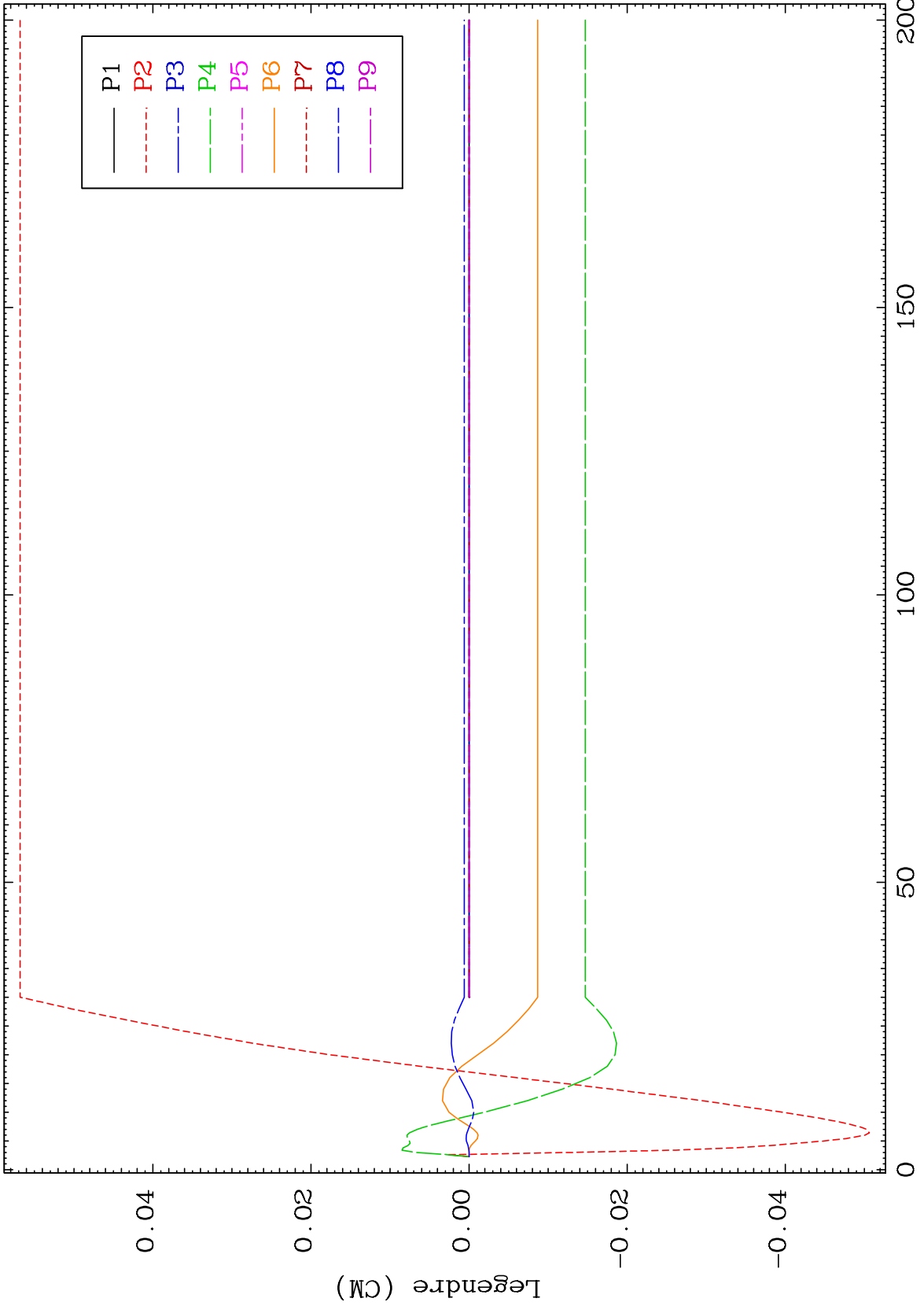


83

Incident Energy (MeV)

56-Ba-132

MAT 5631 MT= 68 (n,n') Level Legendre Coefficients 56-Ba-132

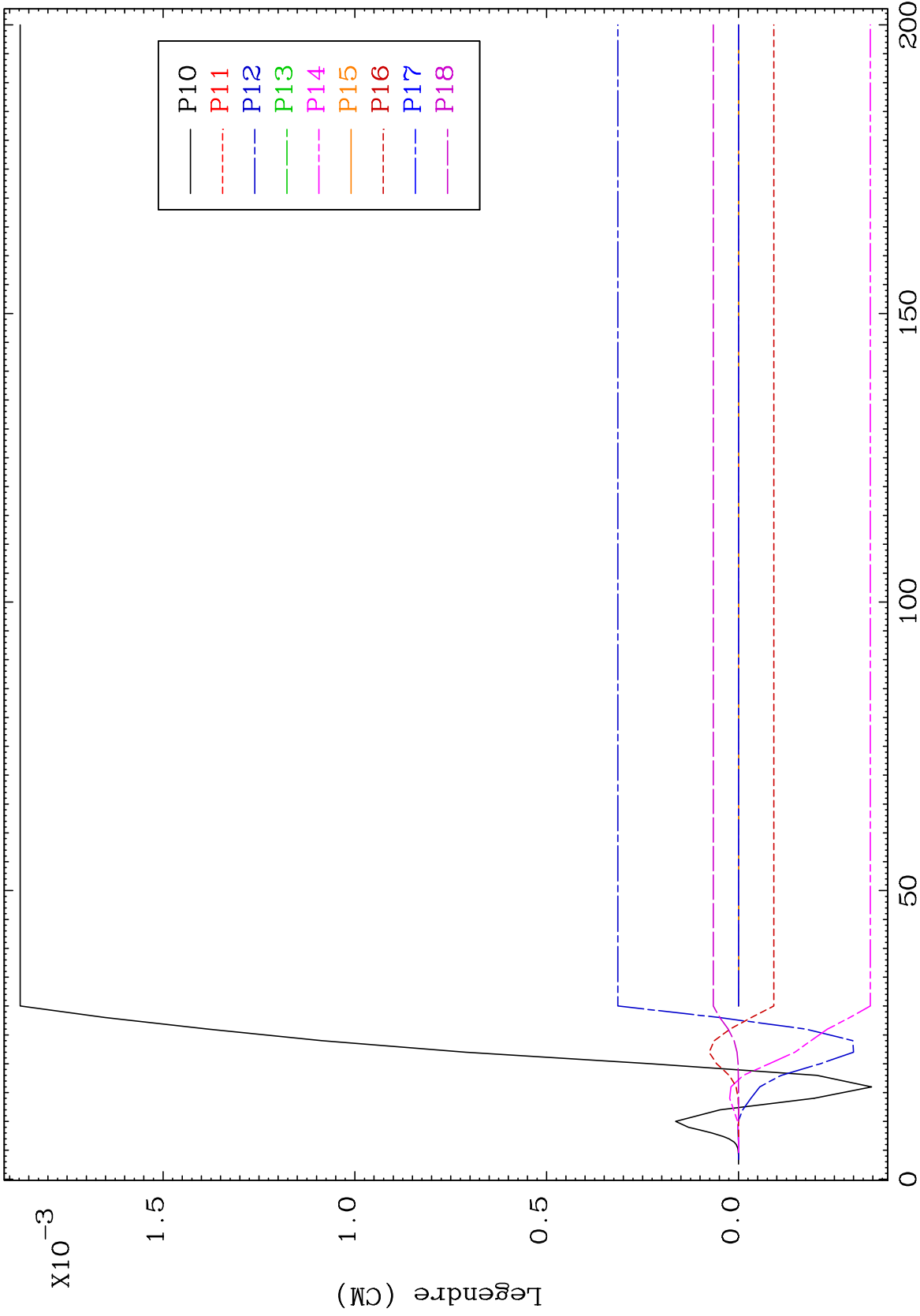


84 56-Ba-132

MAT 5631

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

56-Ba-132



85

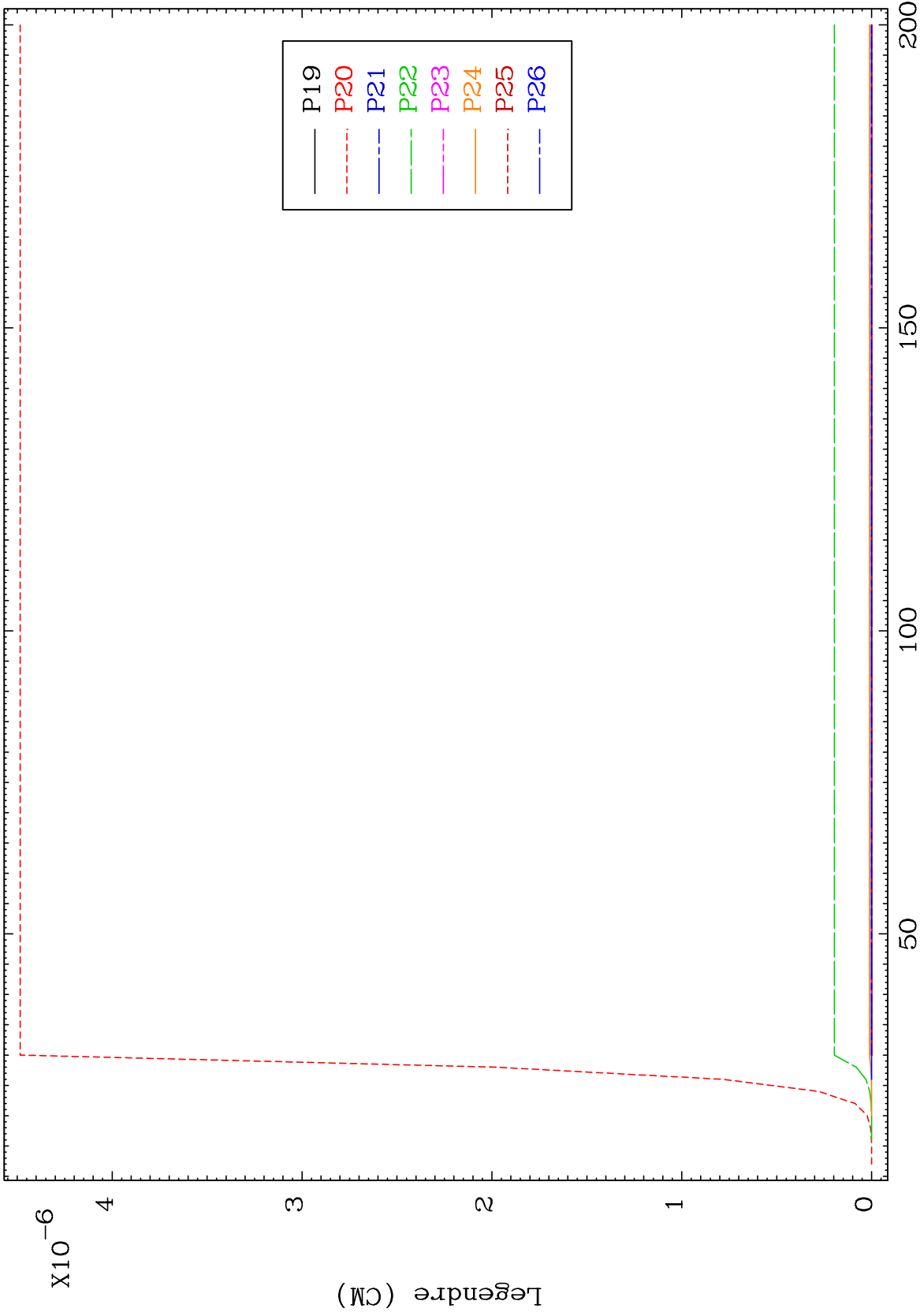
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



86

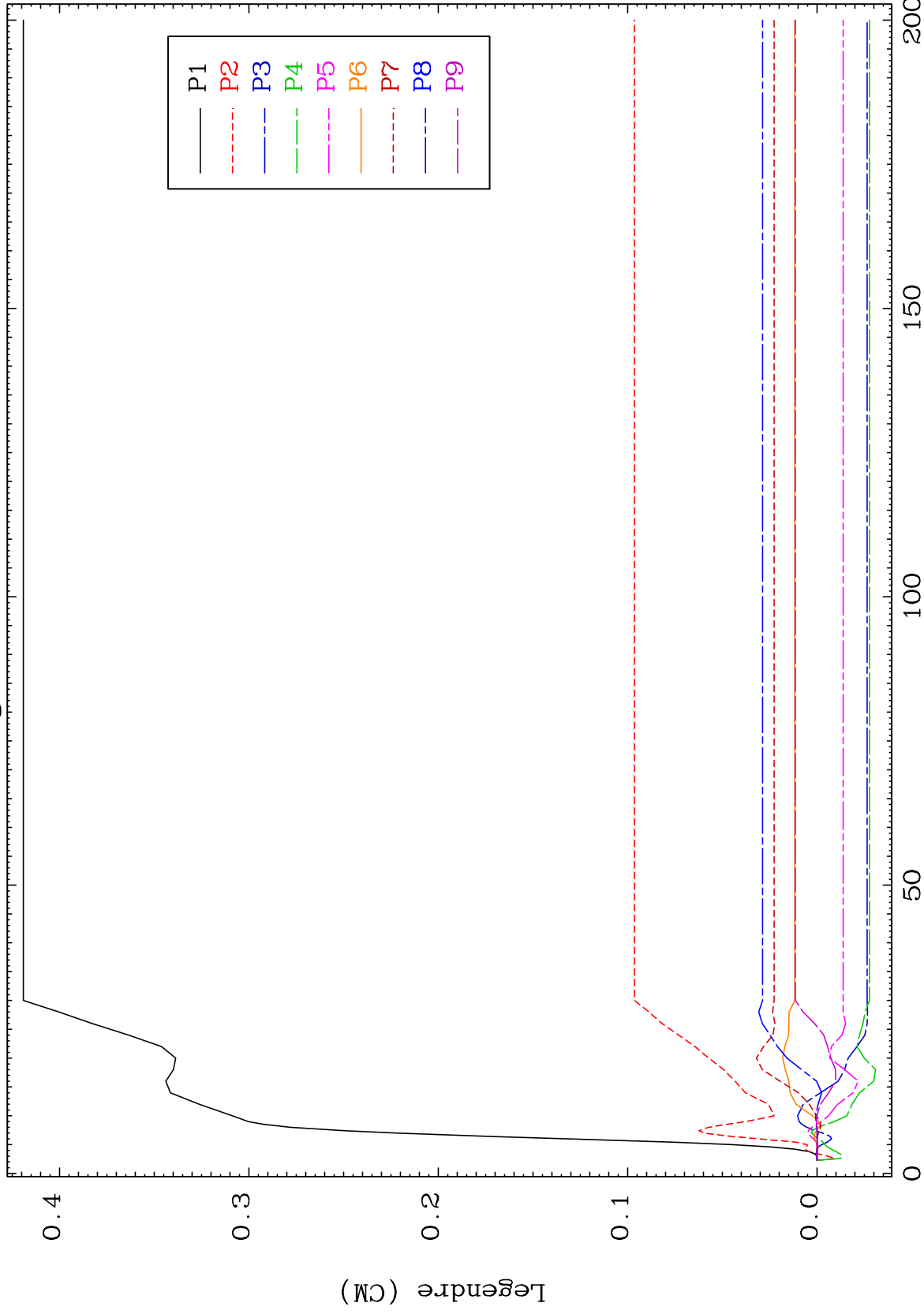
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



87

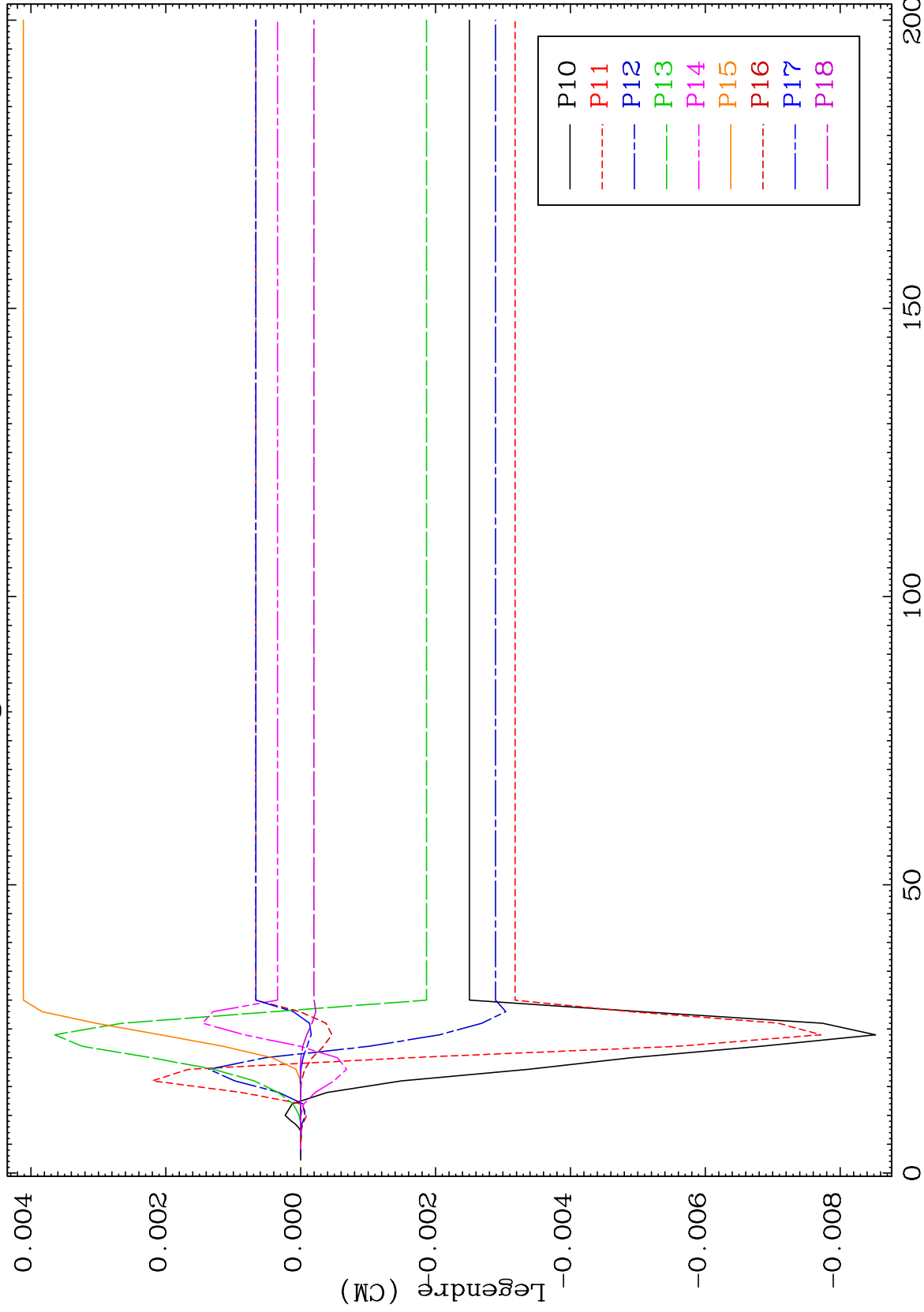
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



88

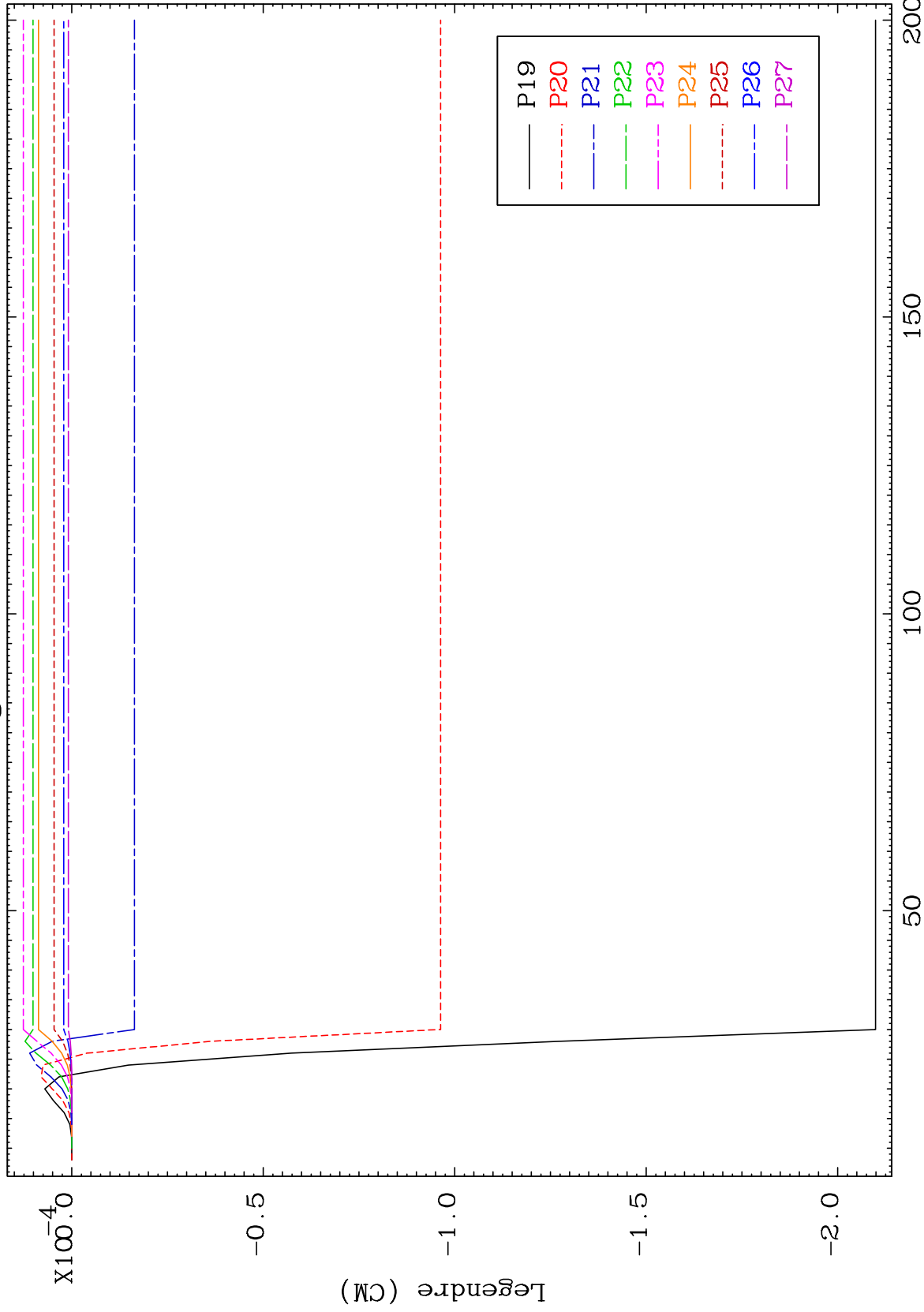
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



89

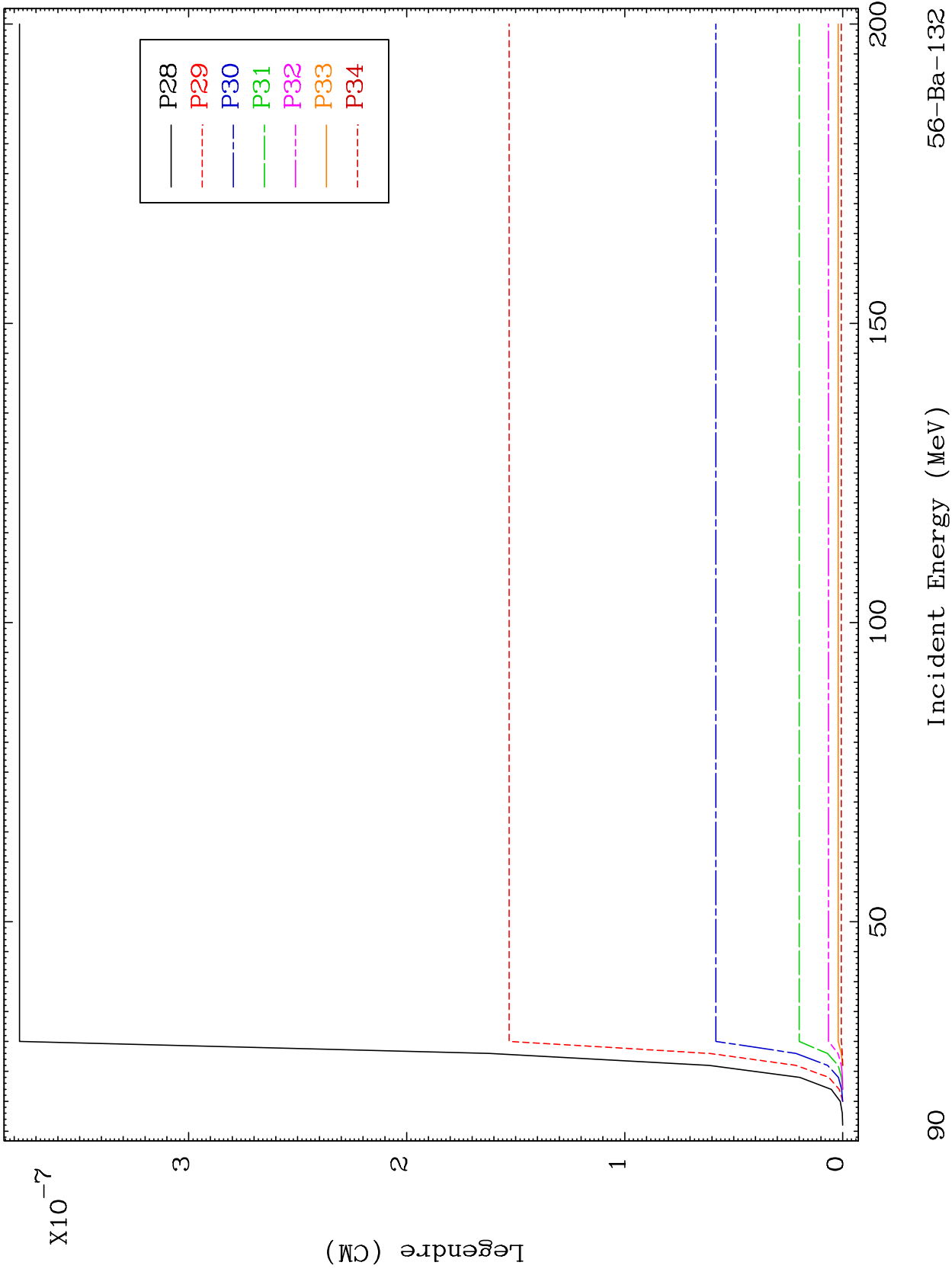
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

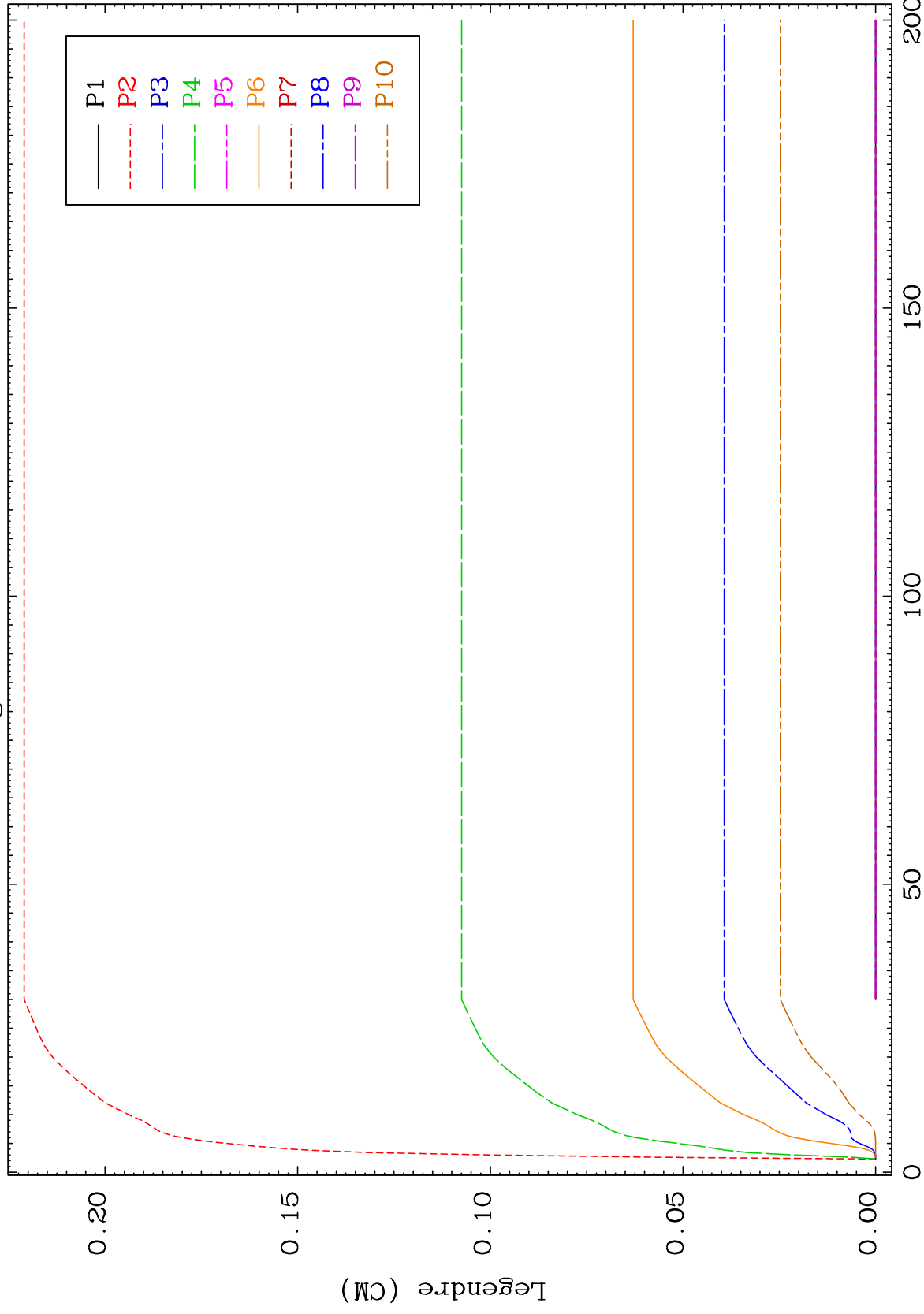
56-Ba-132



MAT 5631

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

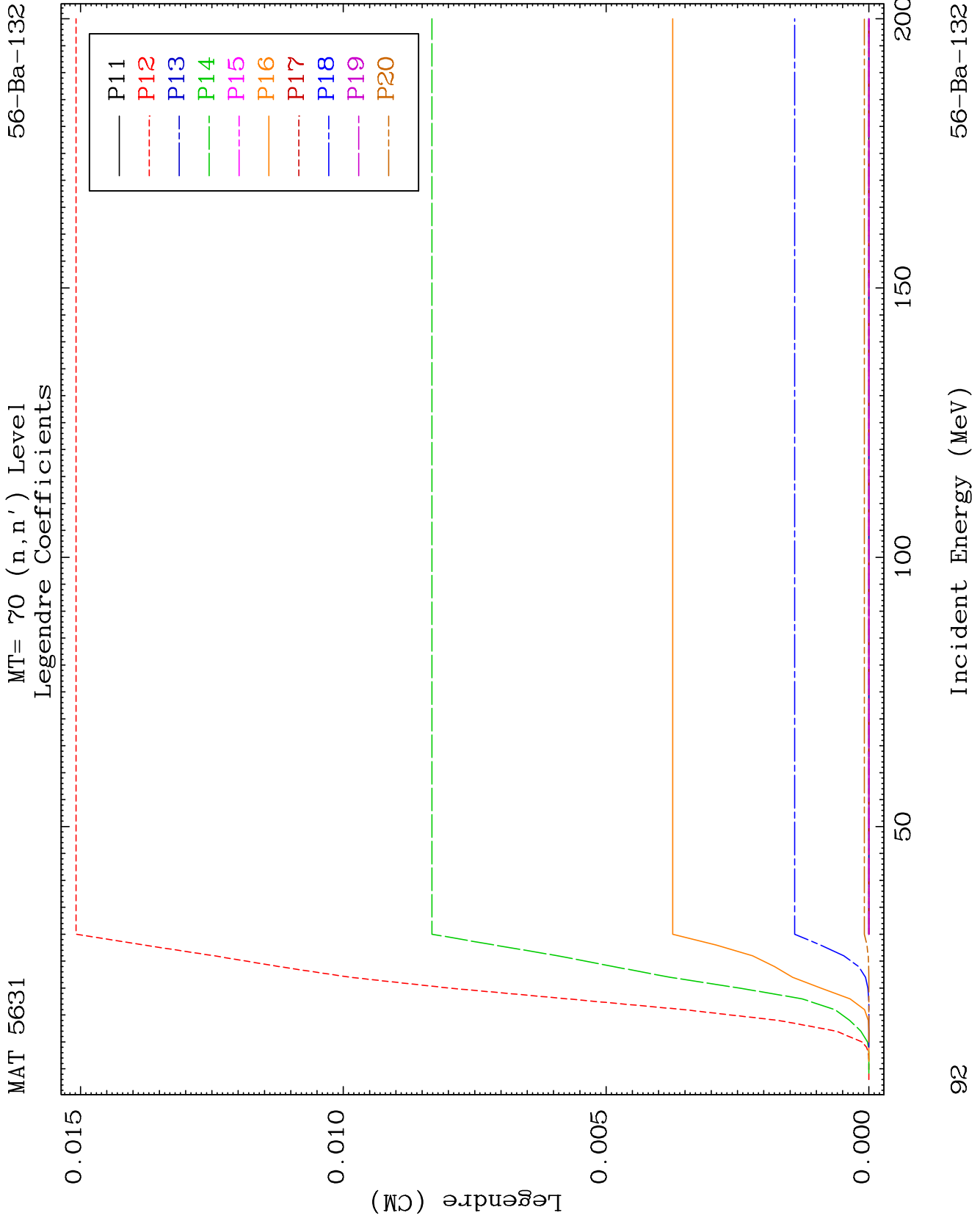
56-Ba-132



91

Incident Energy (MeV)

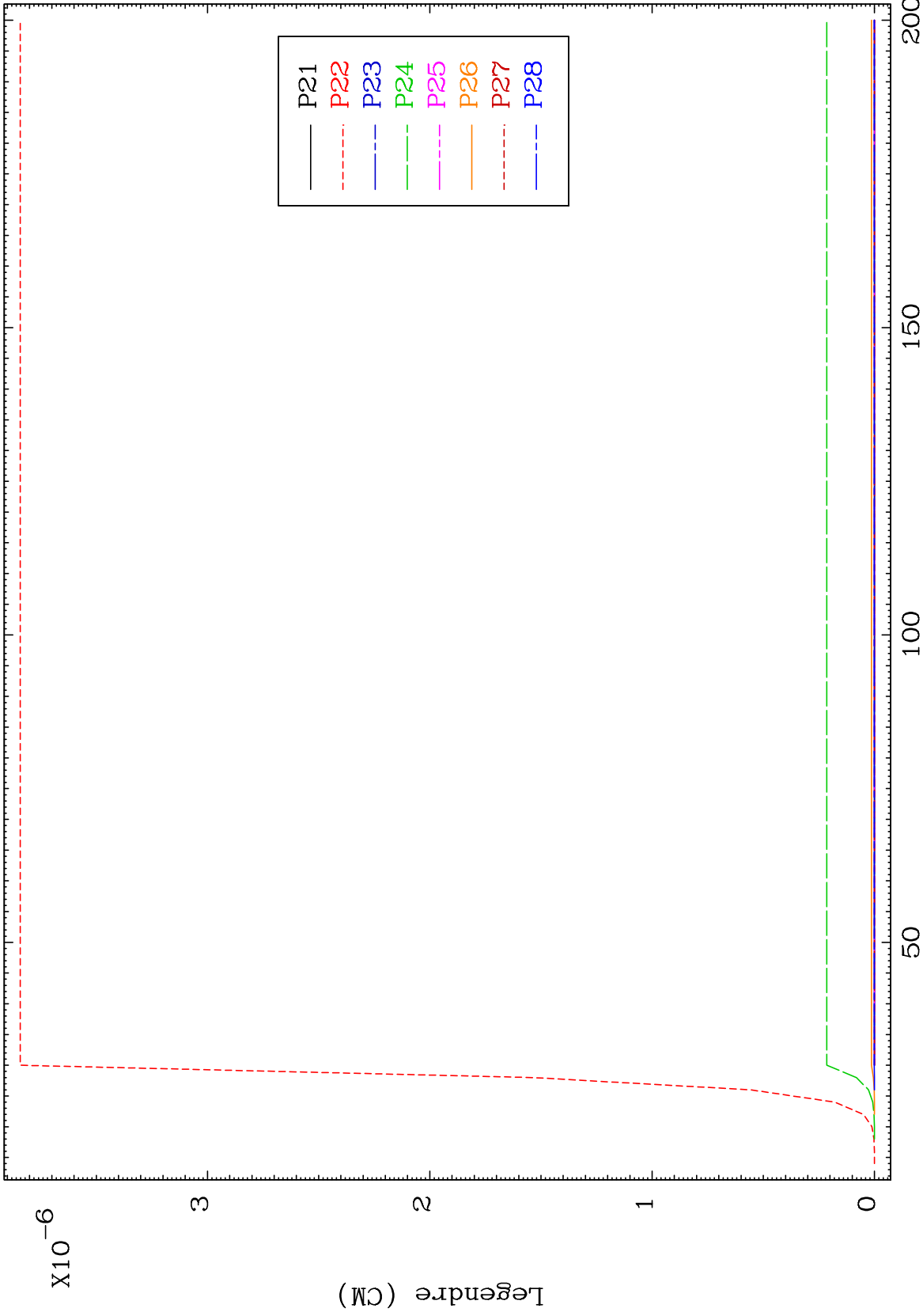
56-Ba-132



MAT 5631

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

56-Ba-132



93

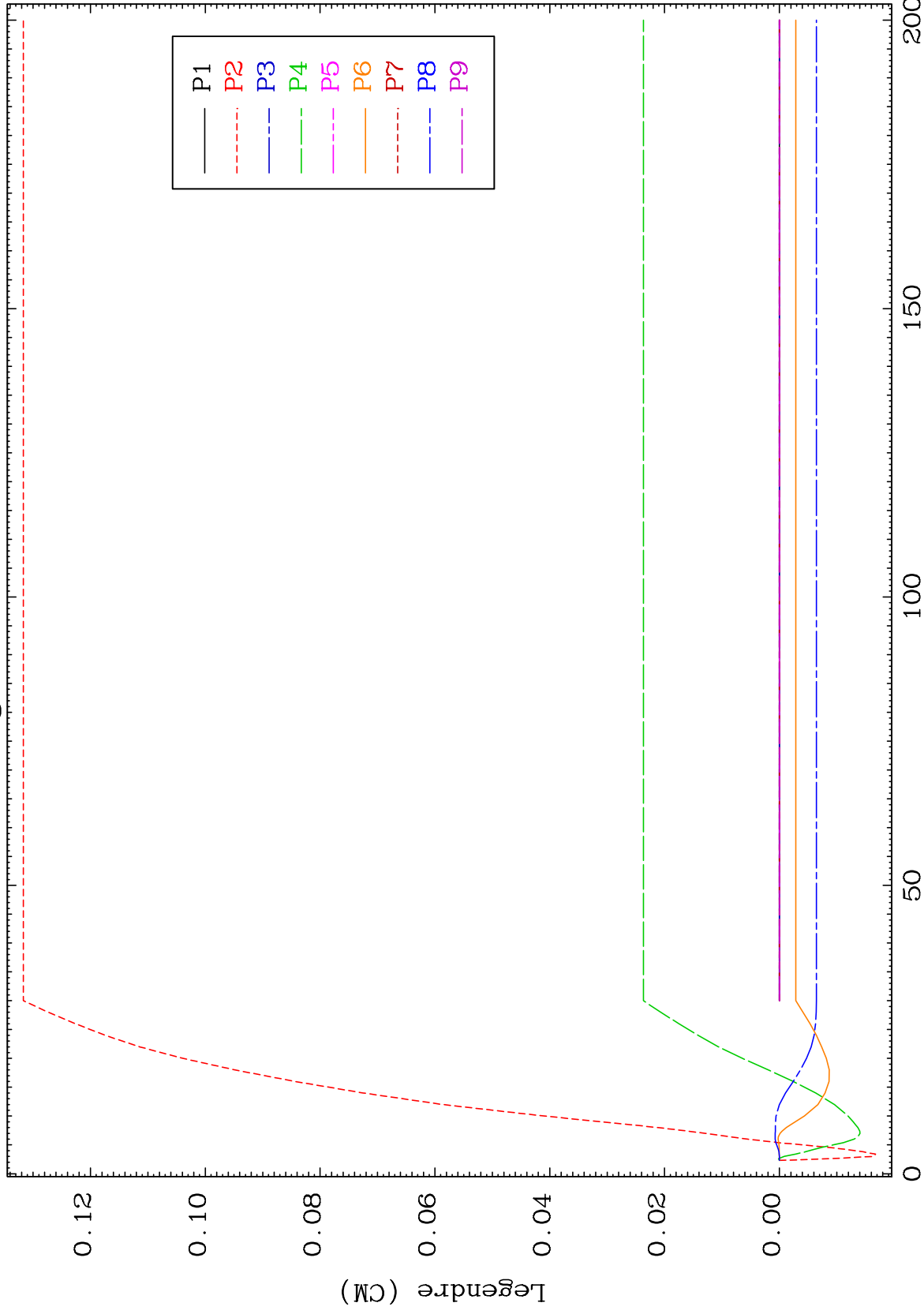
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



94

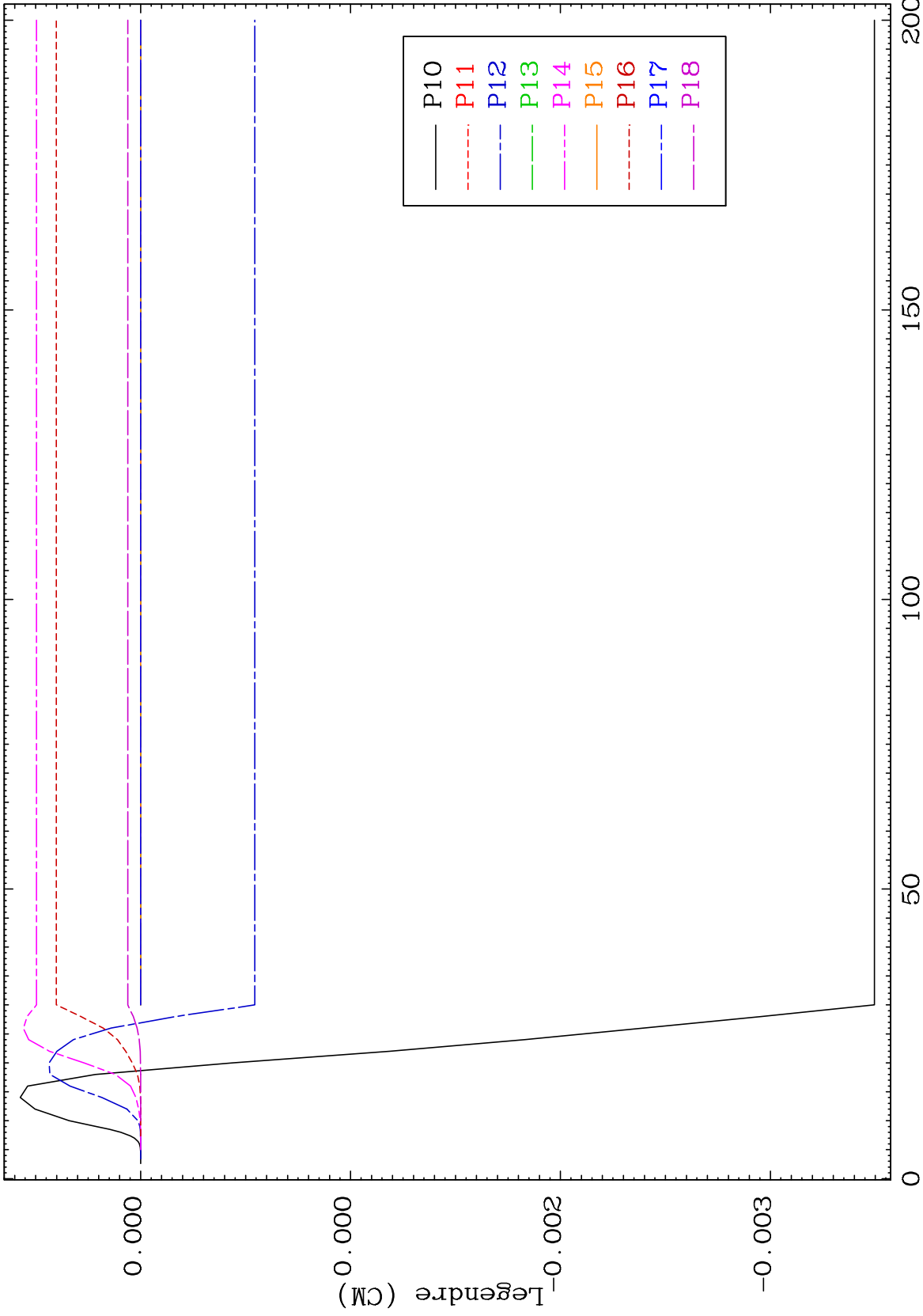
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



95

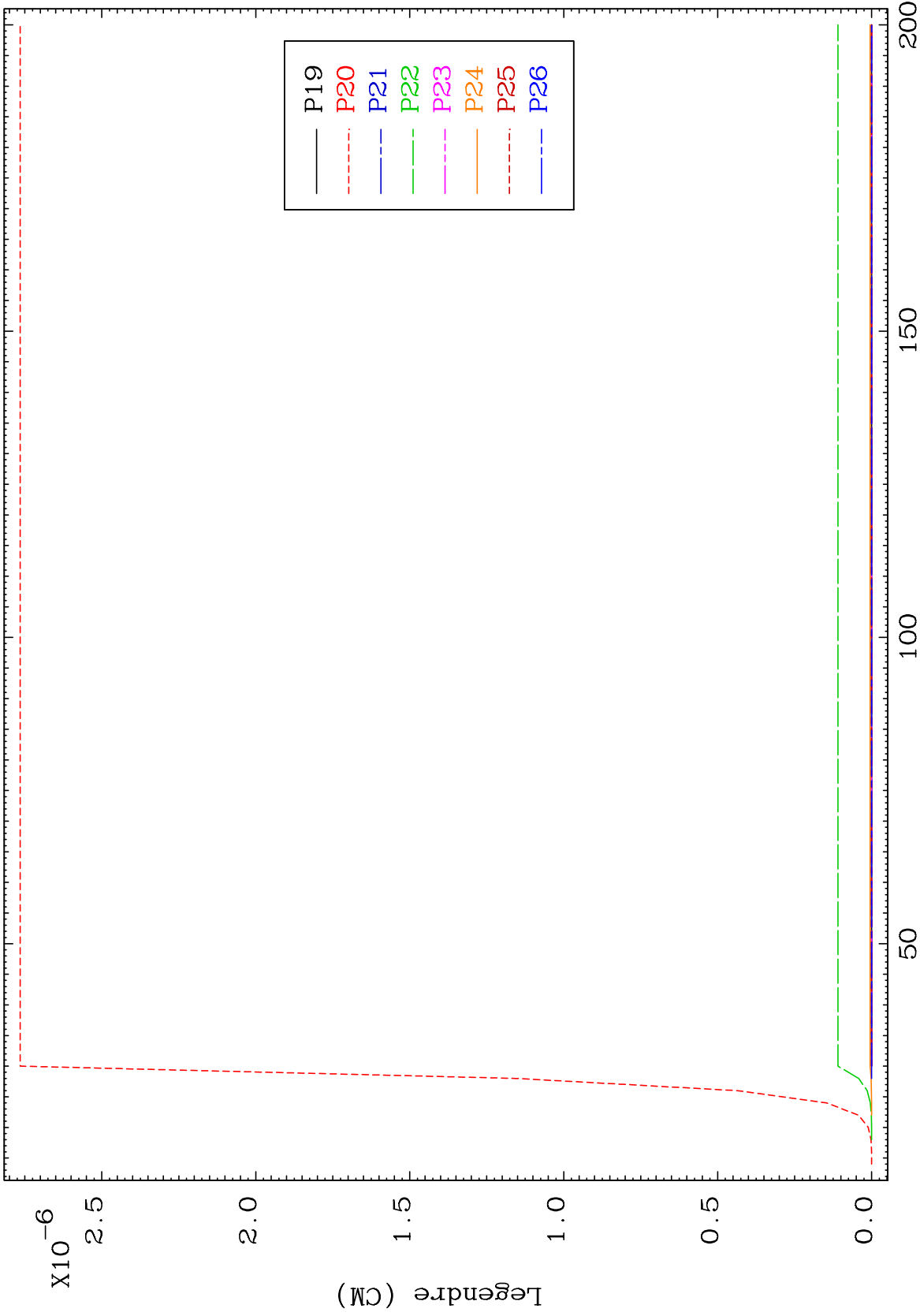
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



96

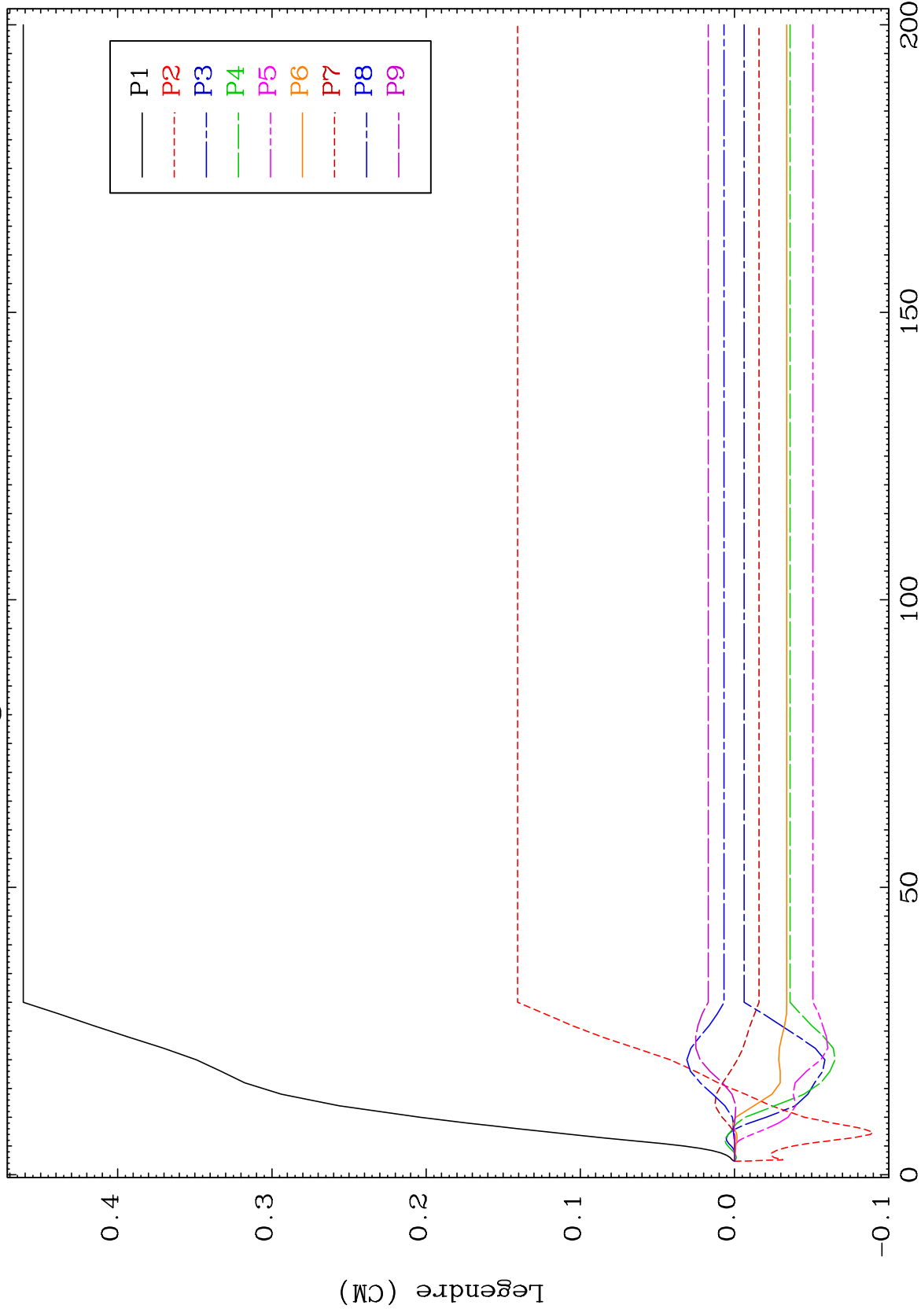
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



97

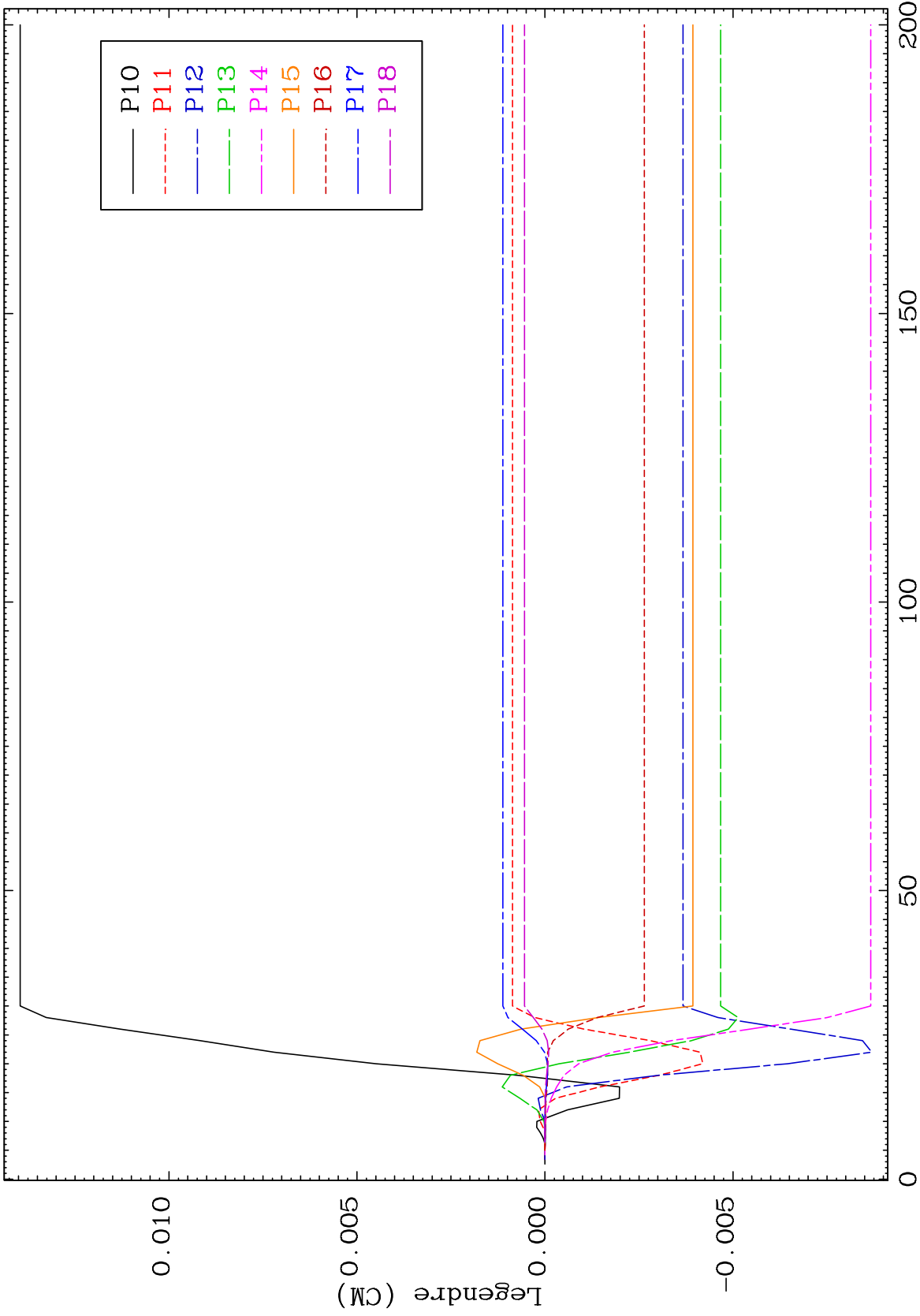
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



98

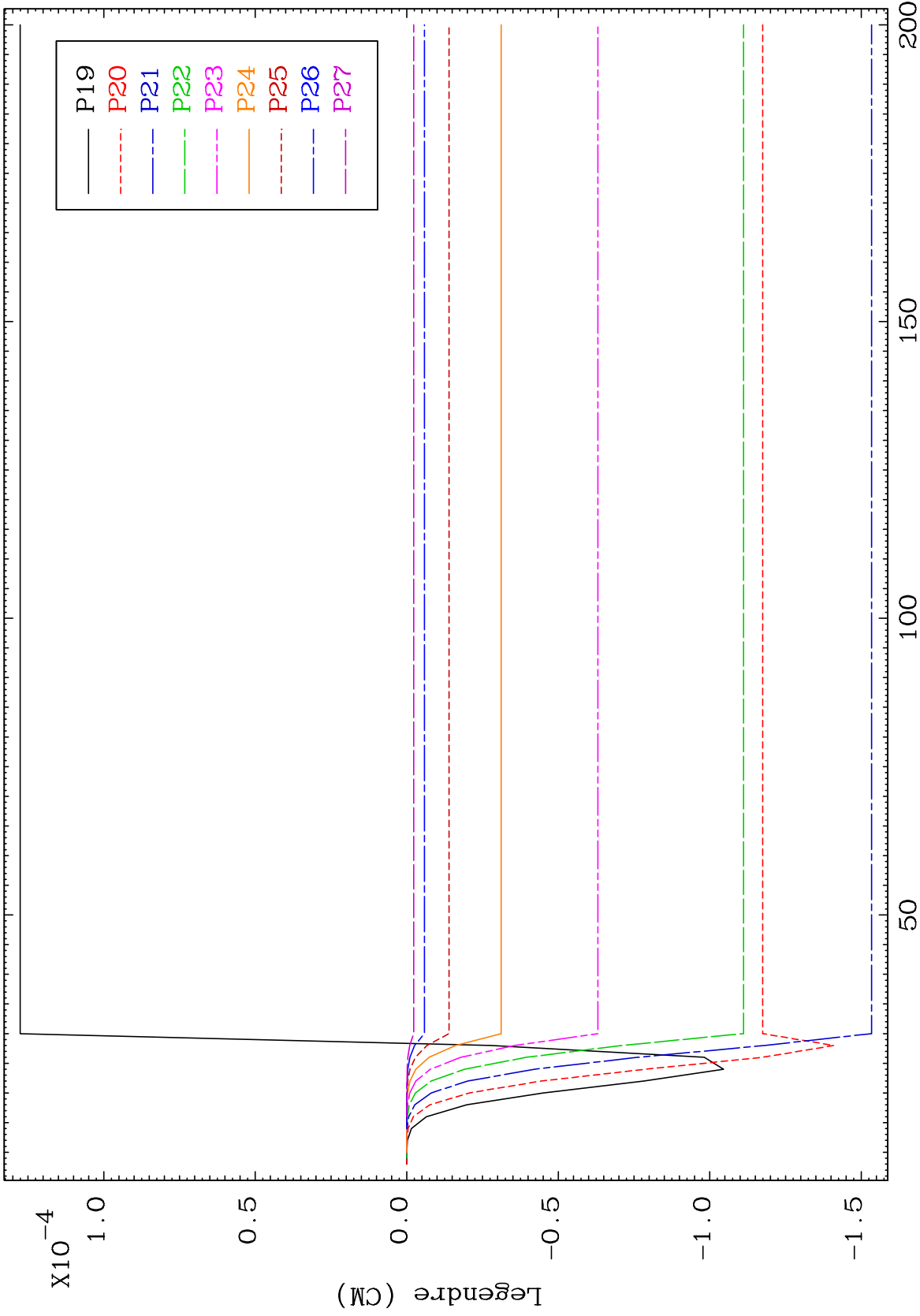
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



99

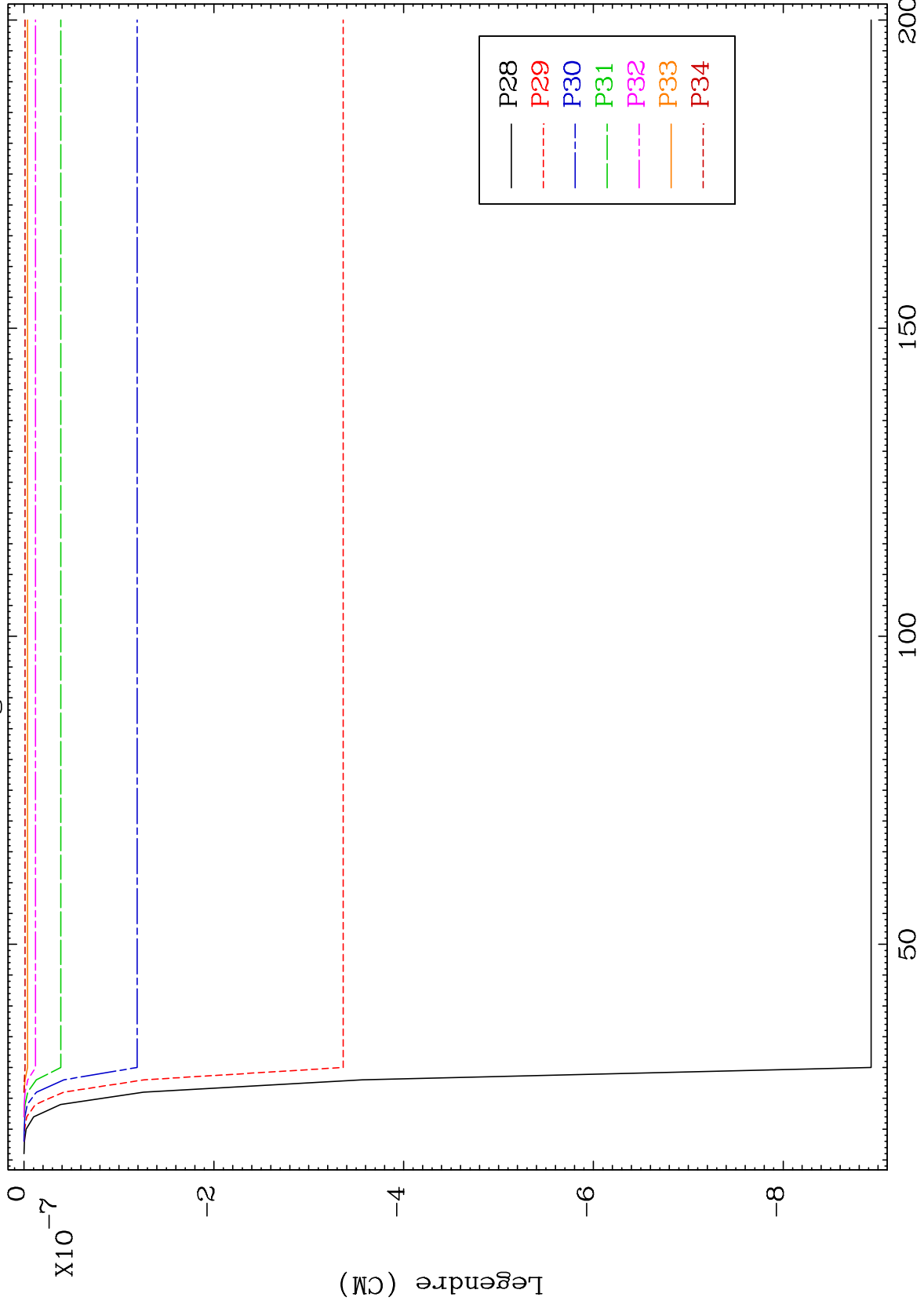
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



56-Ba-132

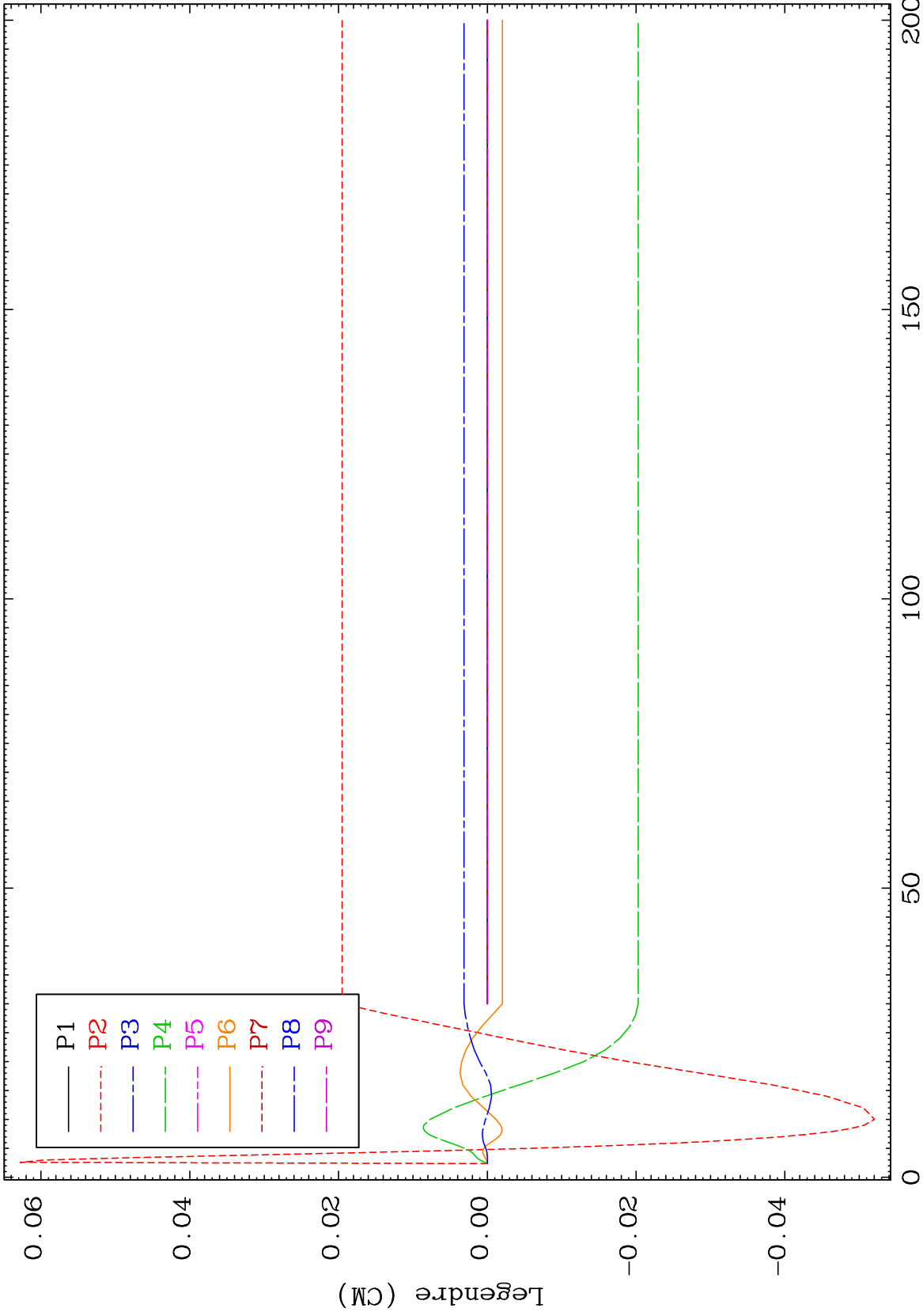
Incident Energy (MeV)

100

MAT 5631

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

56-Ba-132



101

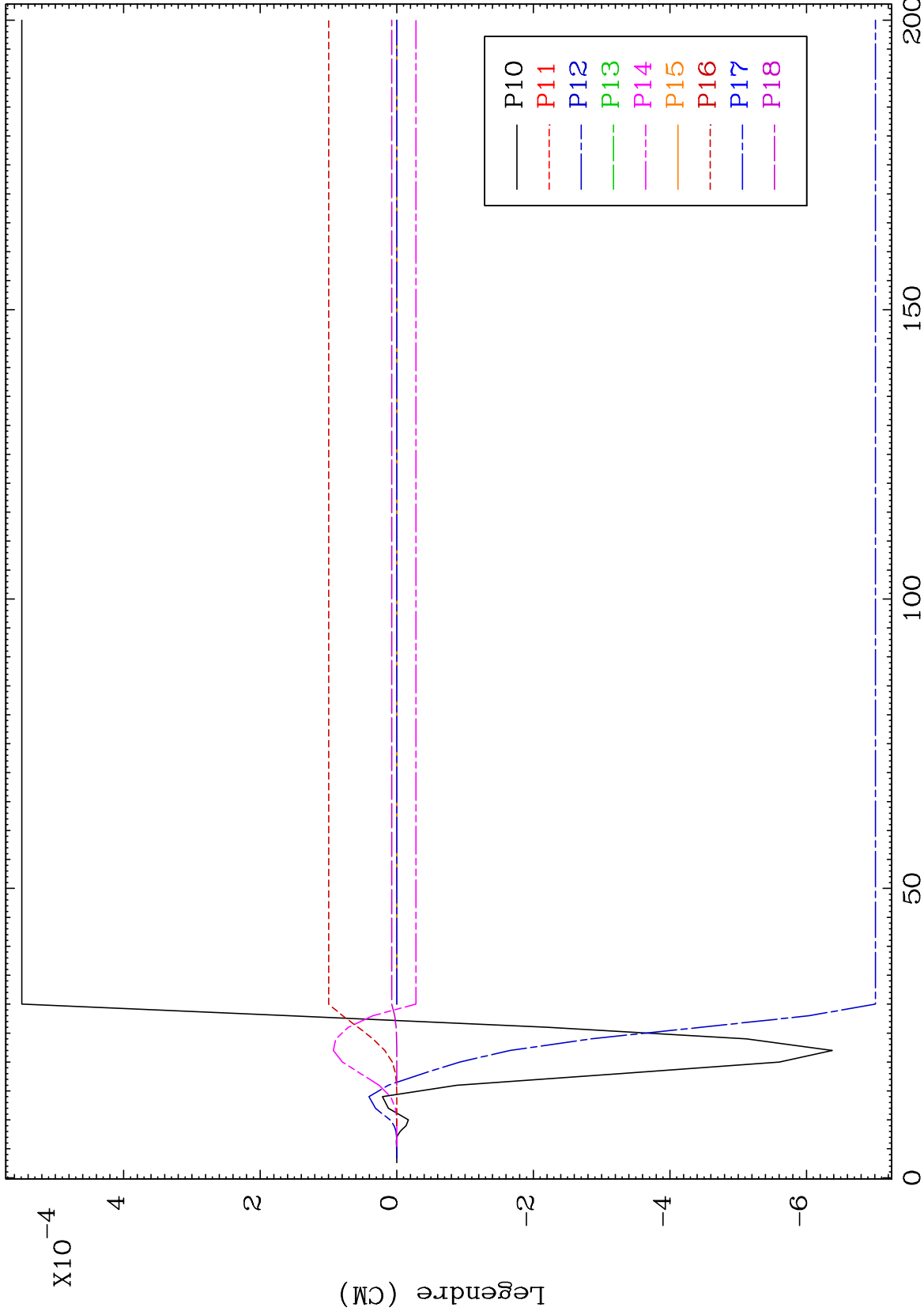
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



102

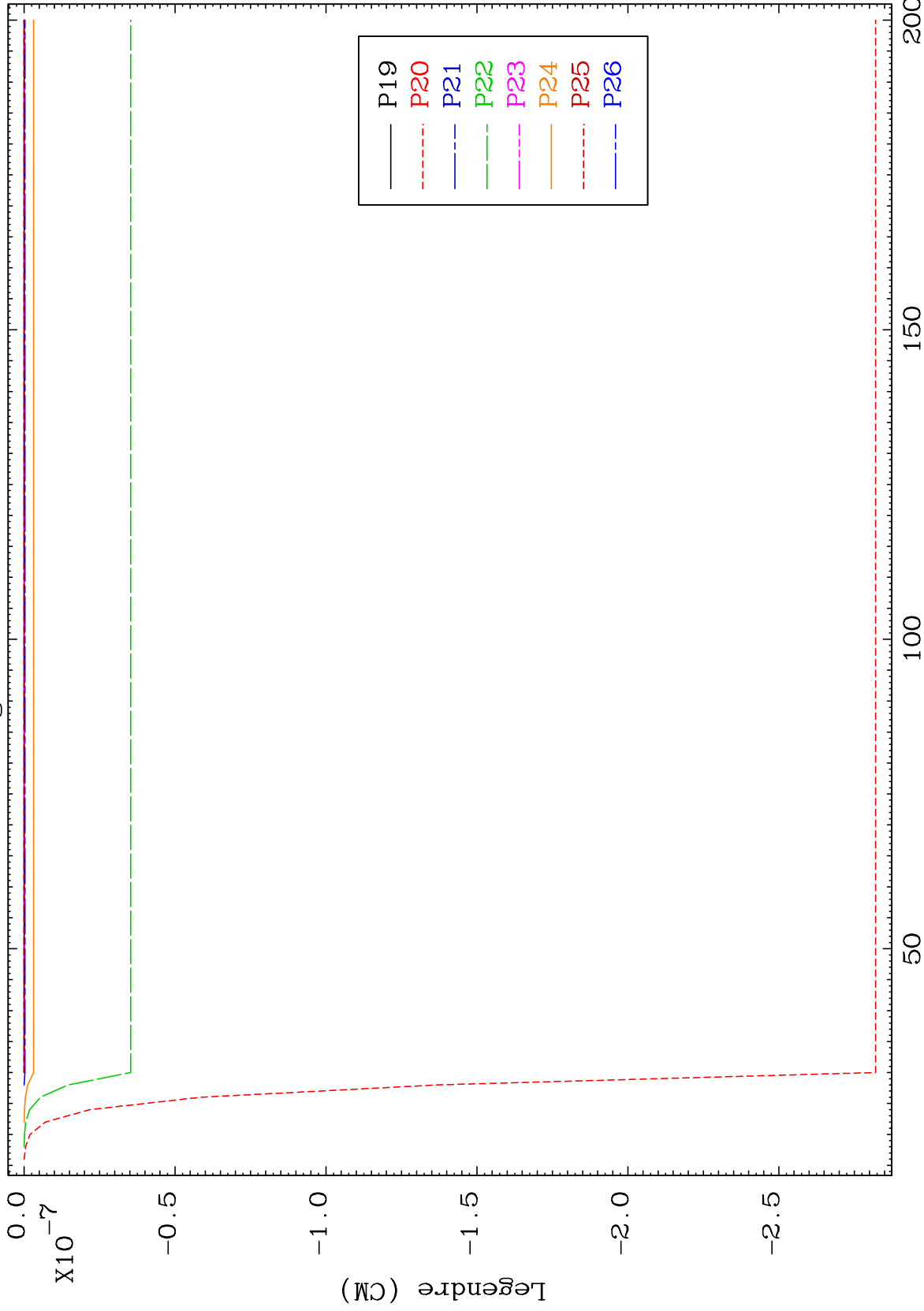
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



103

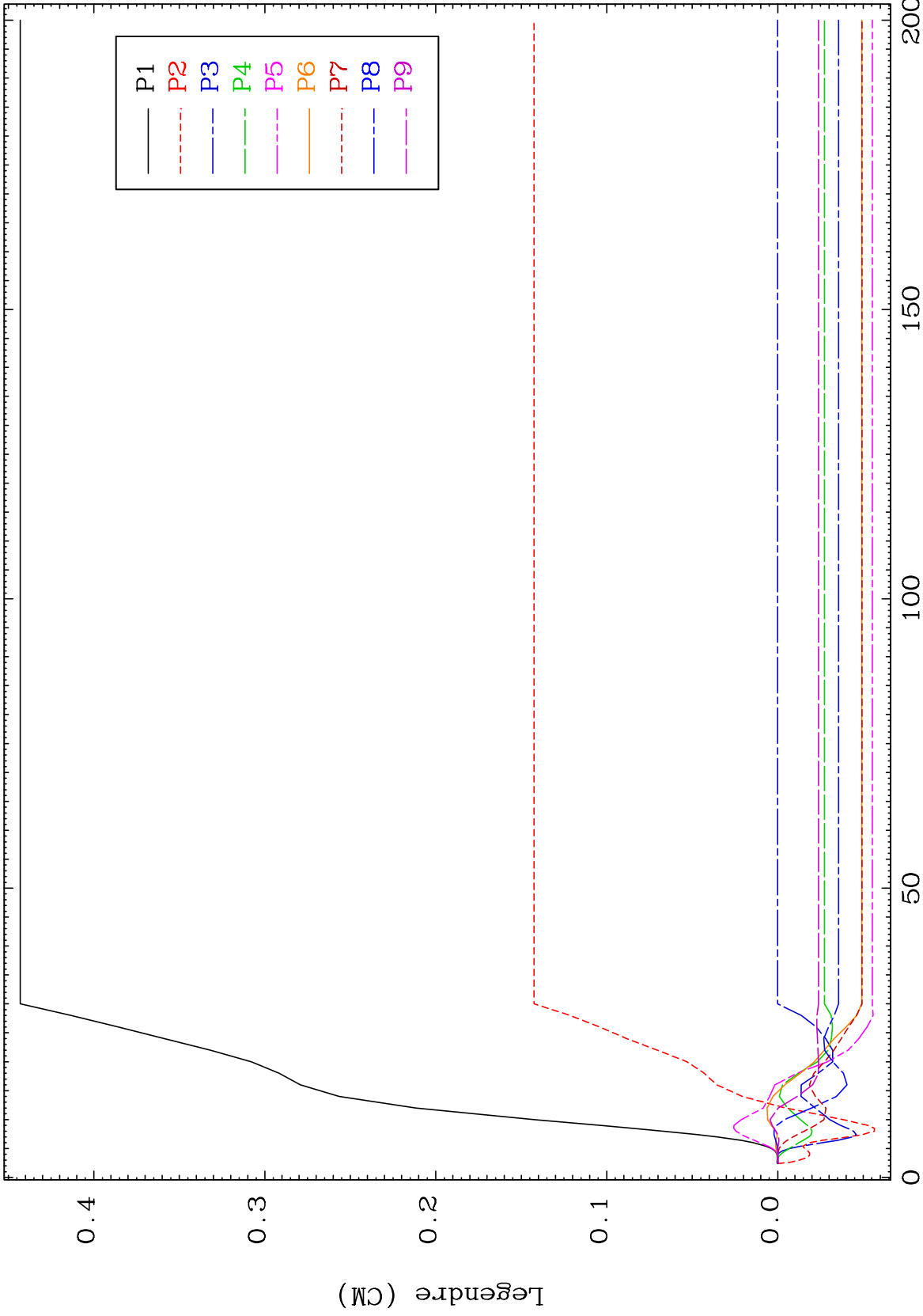
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



104

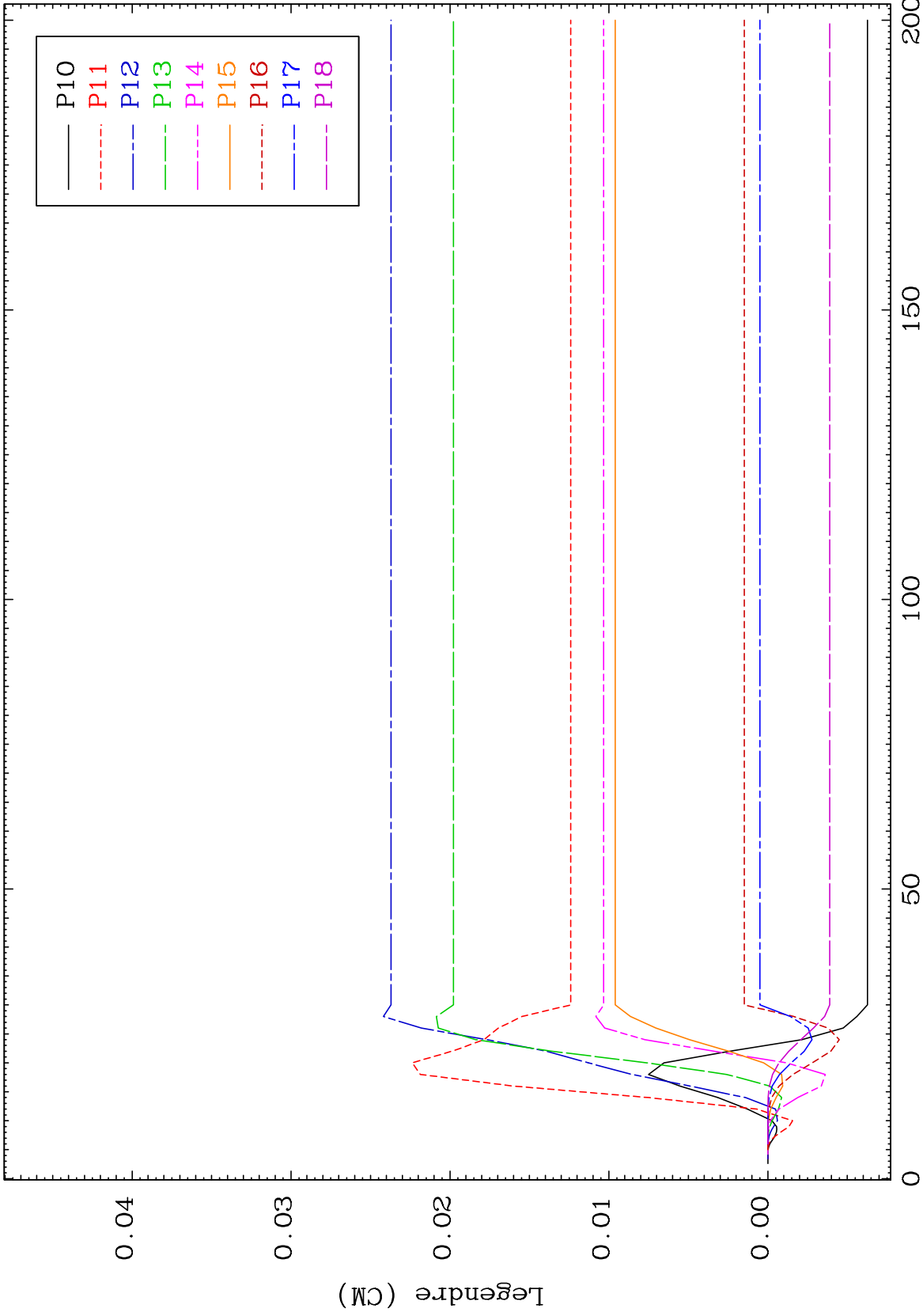
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



105

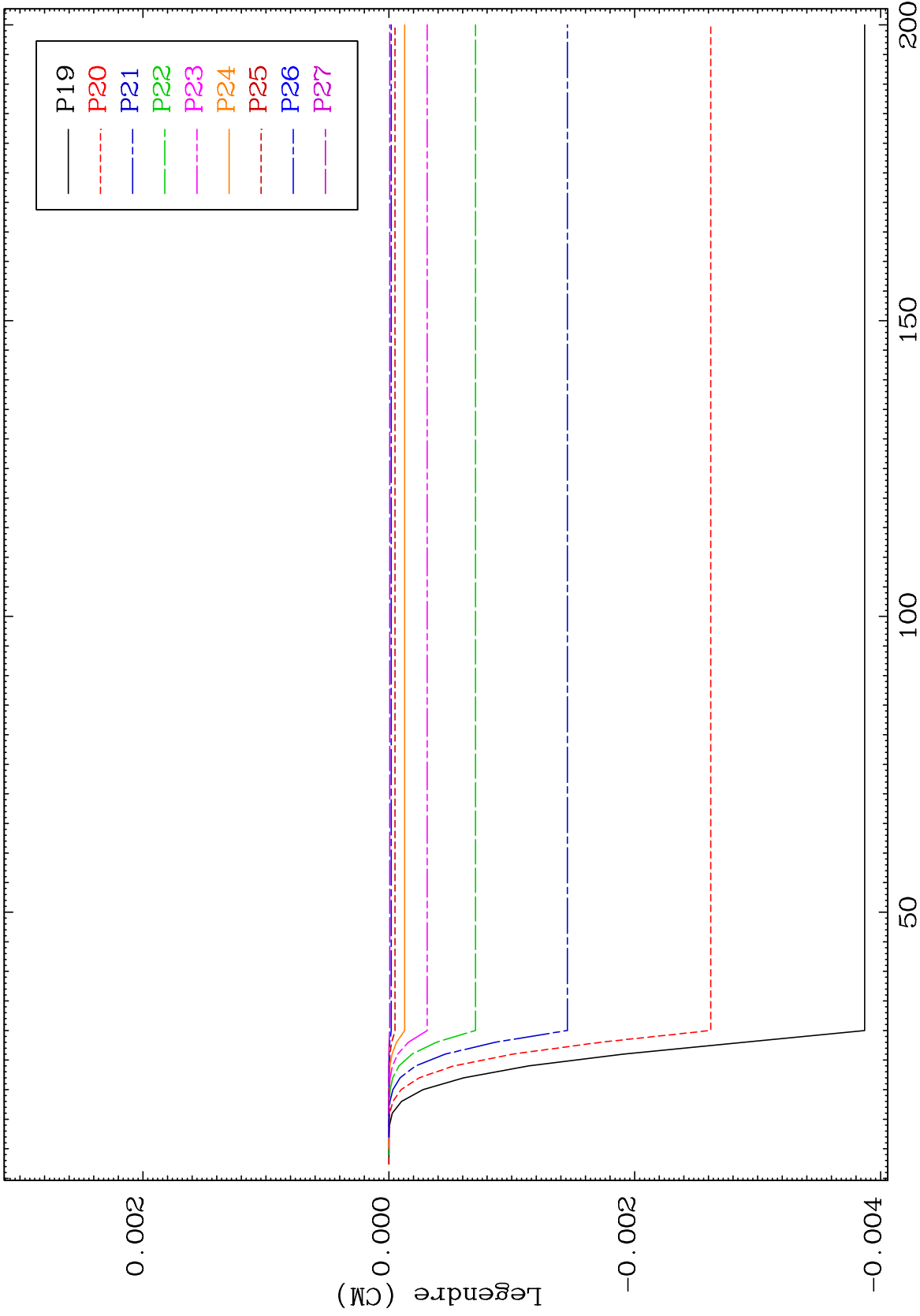
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



106

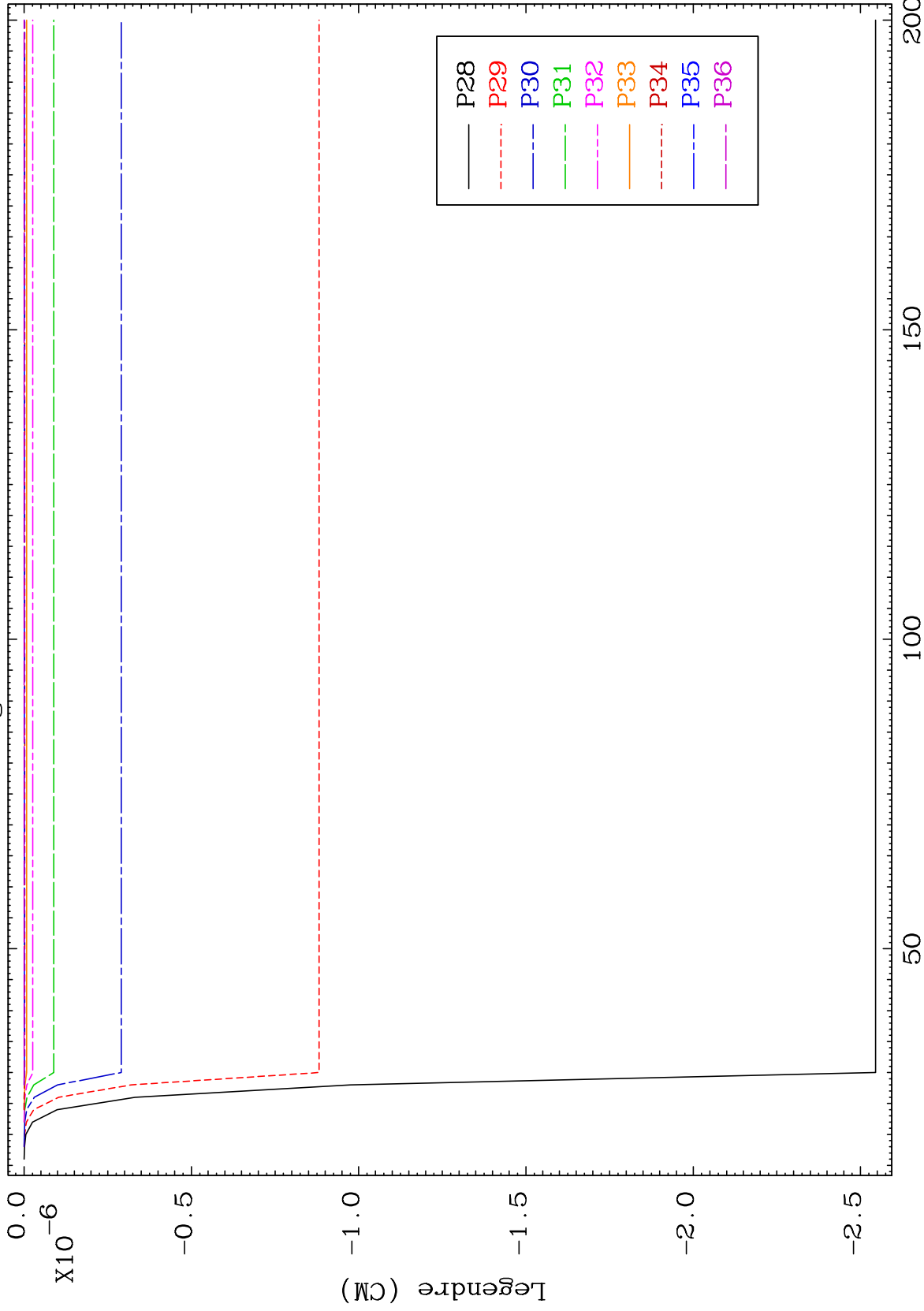
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



107

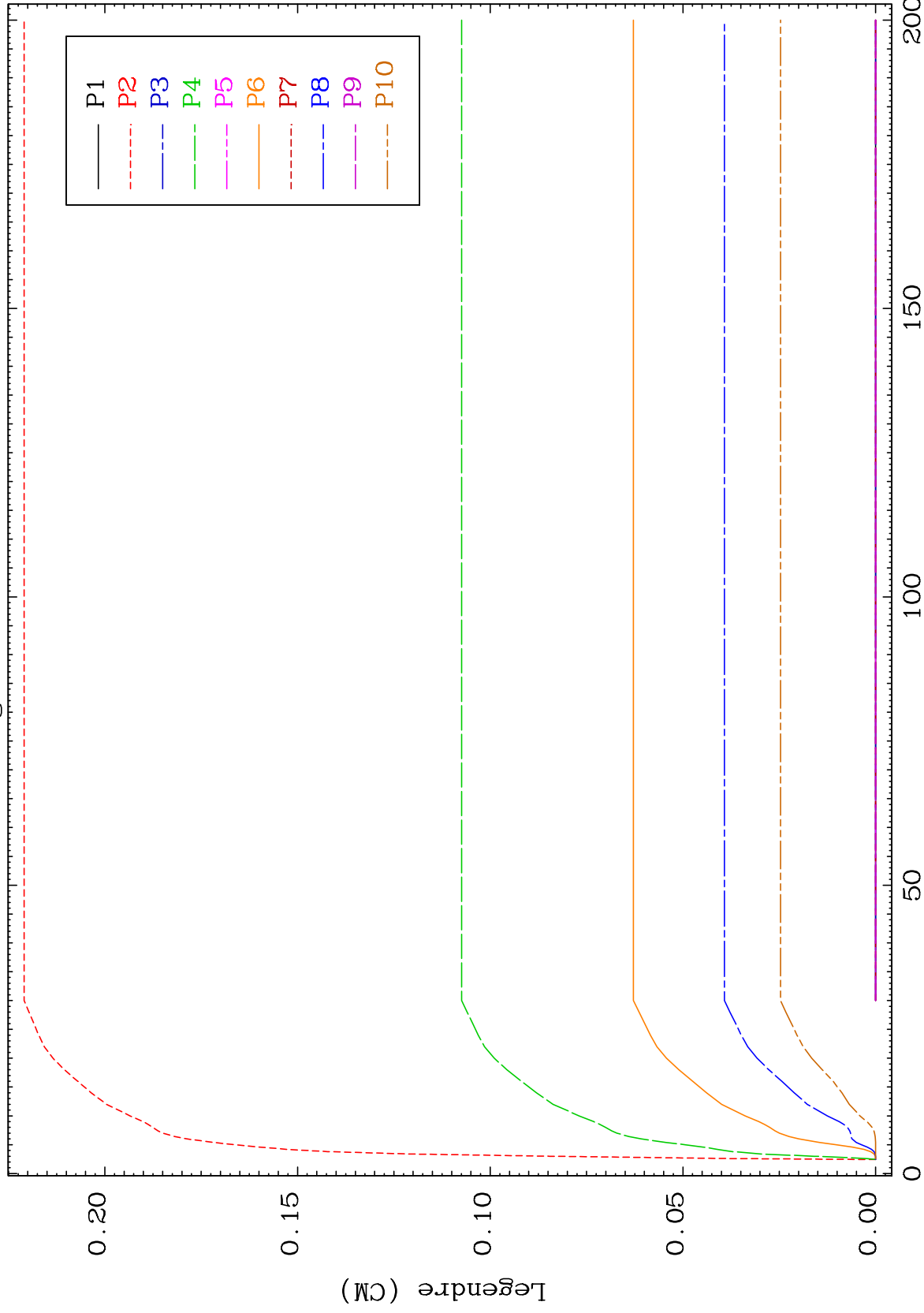
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132

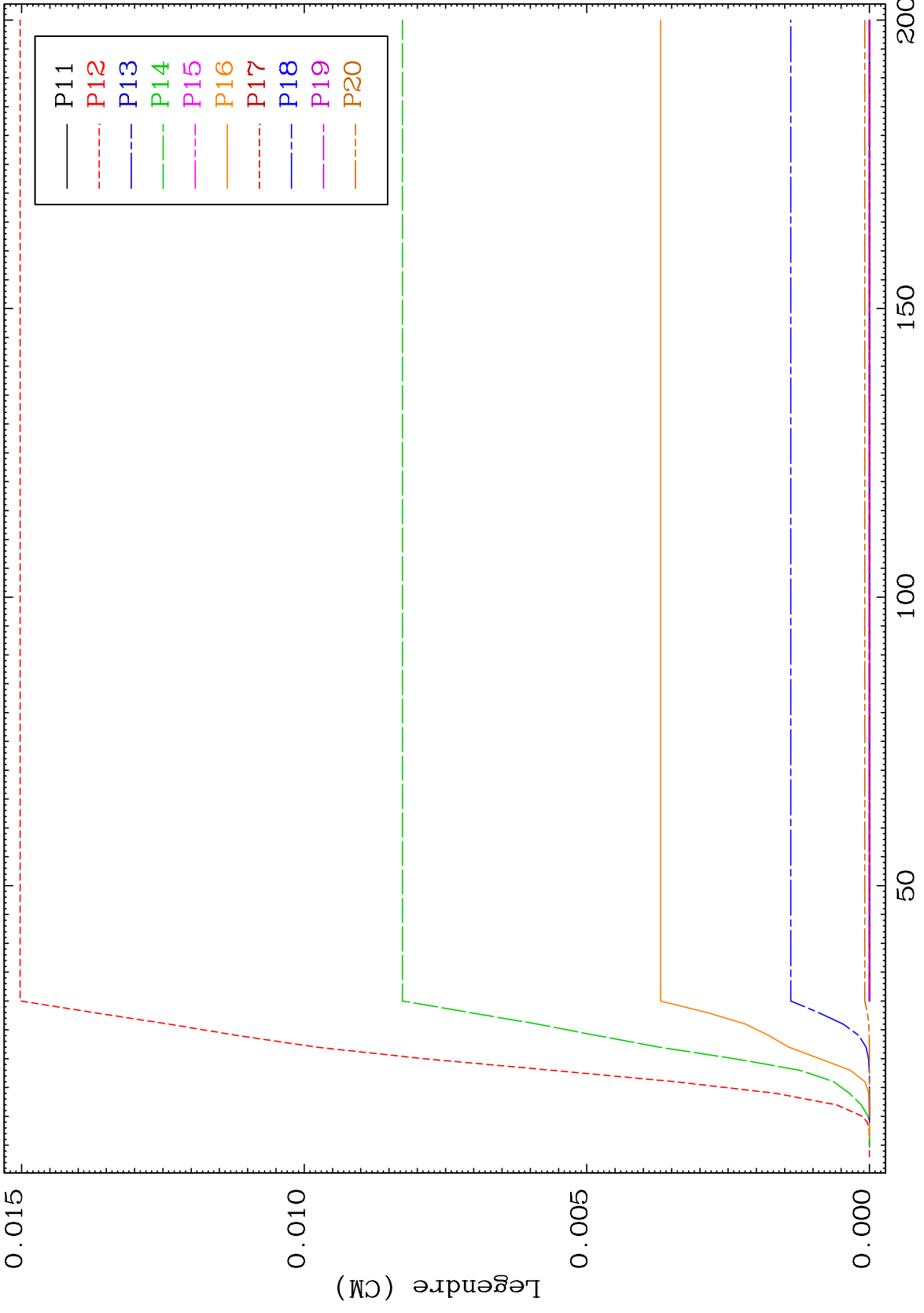


108

56-Ba-132

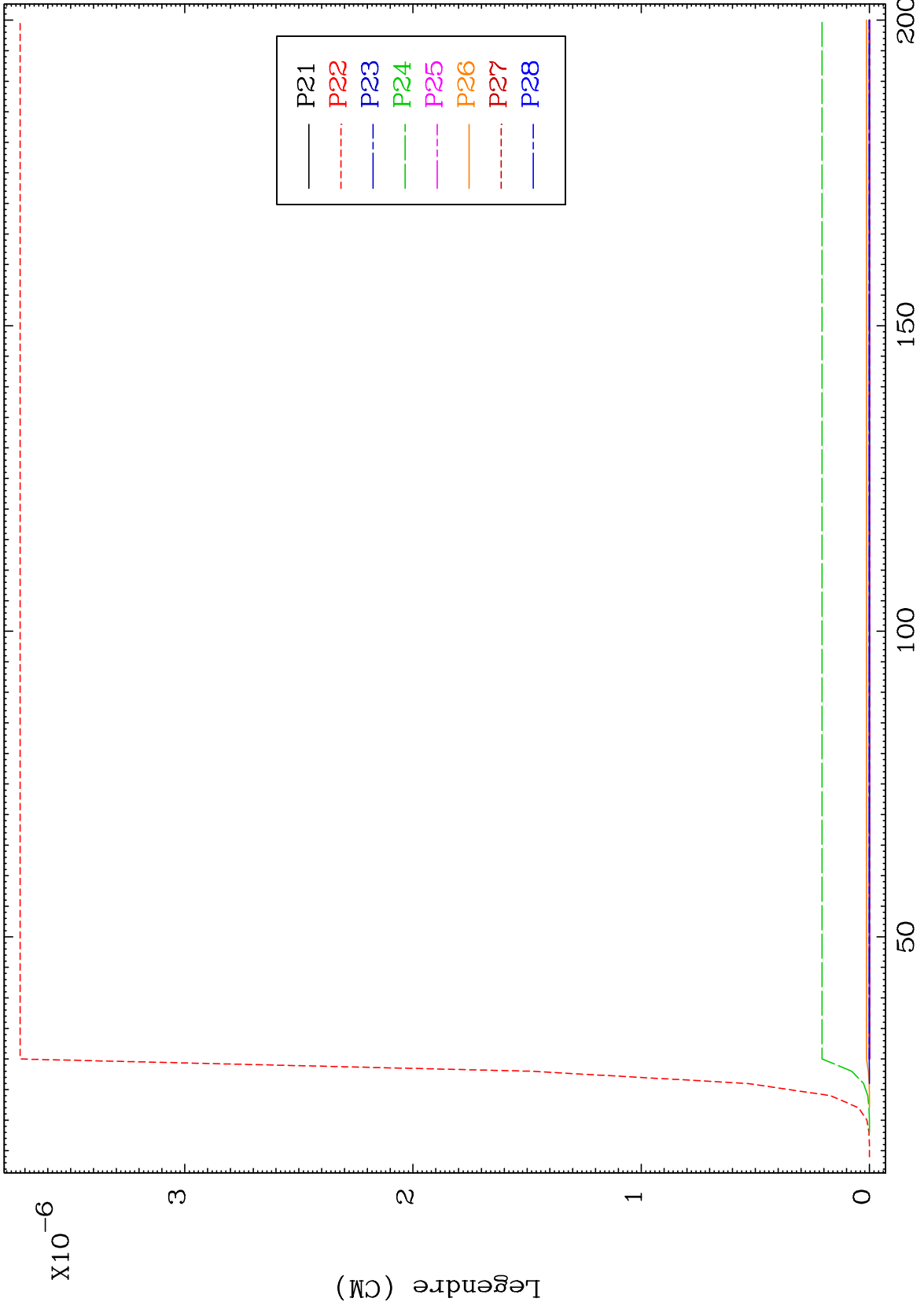
56-Ba-132

MAT 5631 MT= 75 (n,n') Level Legendre Coefficients 56-Ba-132



109 Incident Energy (MeV) 56-Ba-132

MAT 5631 MT= 75 (n,n') Level Legendre Coefficients 56-Ba-132

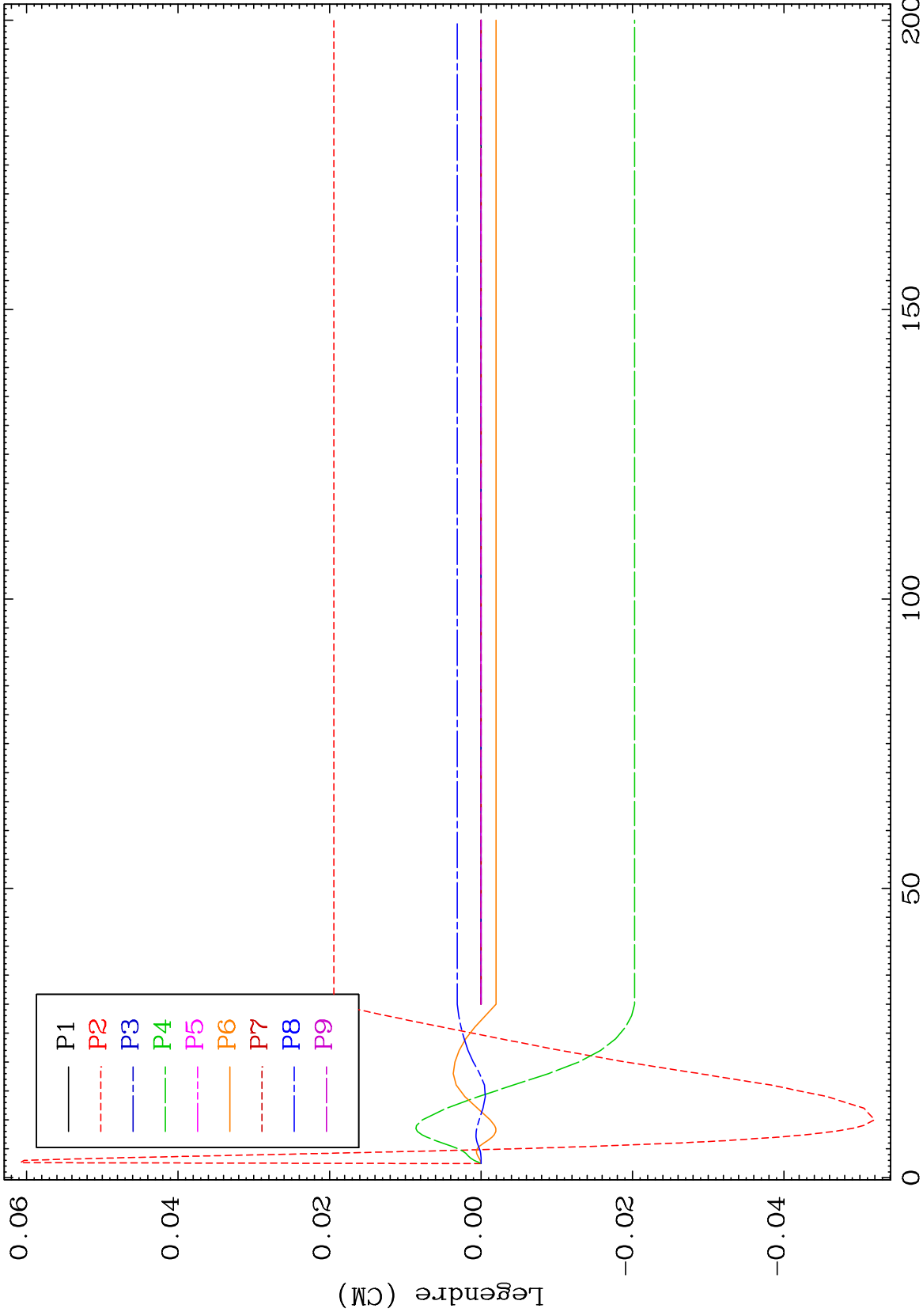


56-Ba-132

MAT 5631

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

56-Ba-132



111

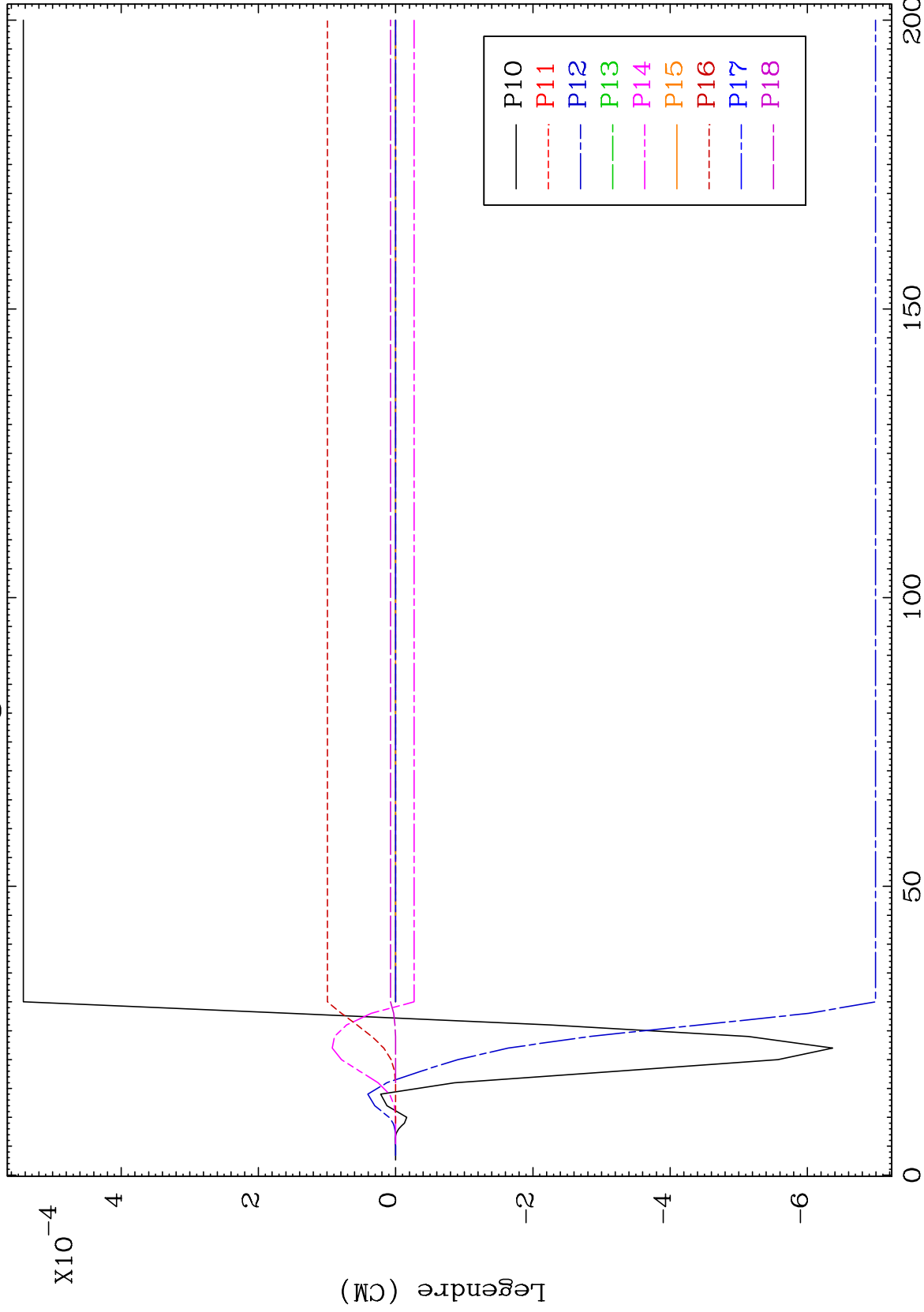
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



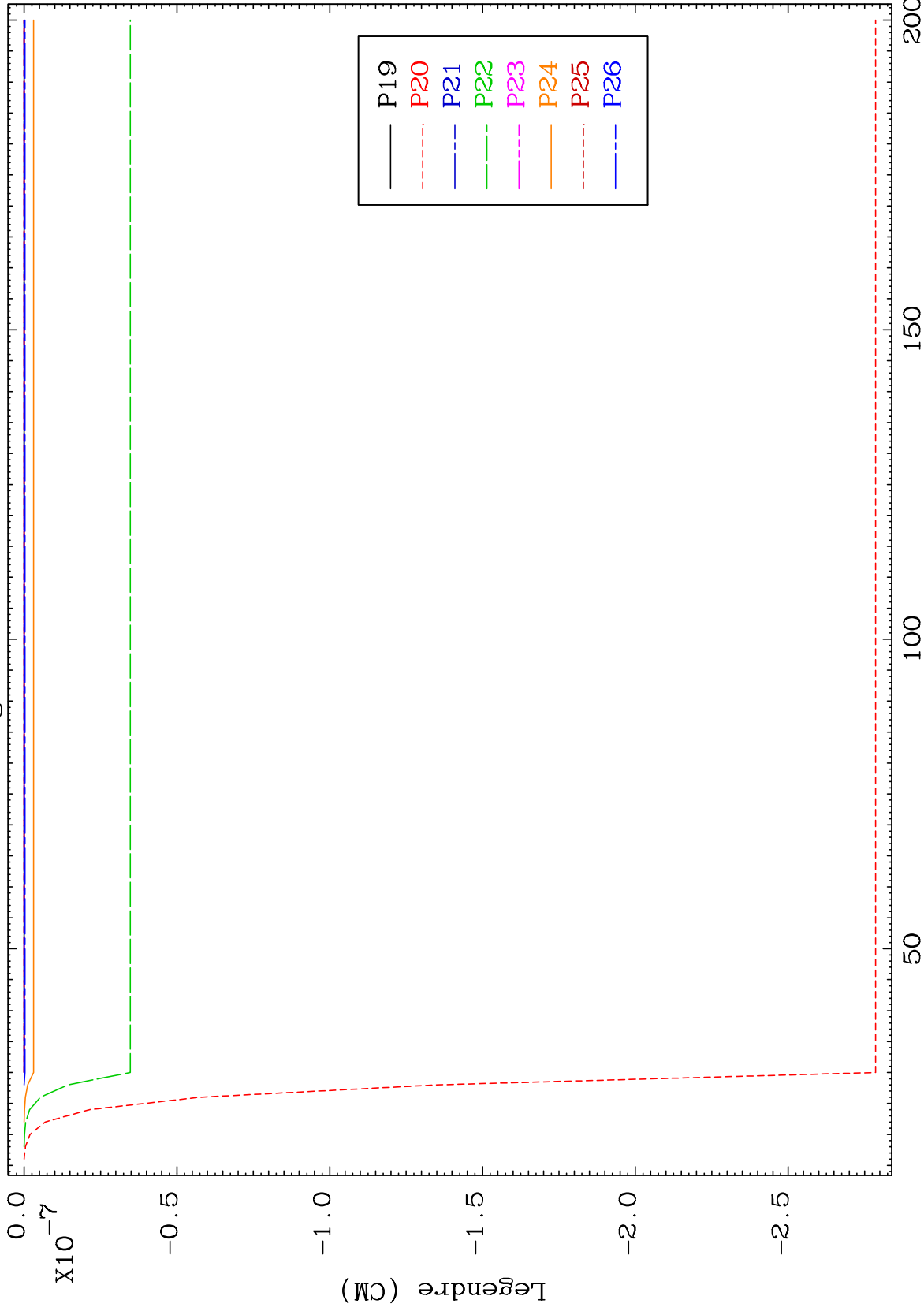
112

56-Ba-132

MAT 5631

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

56-Ba-132



113

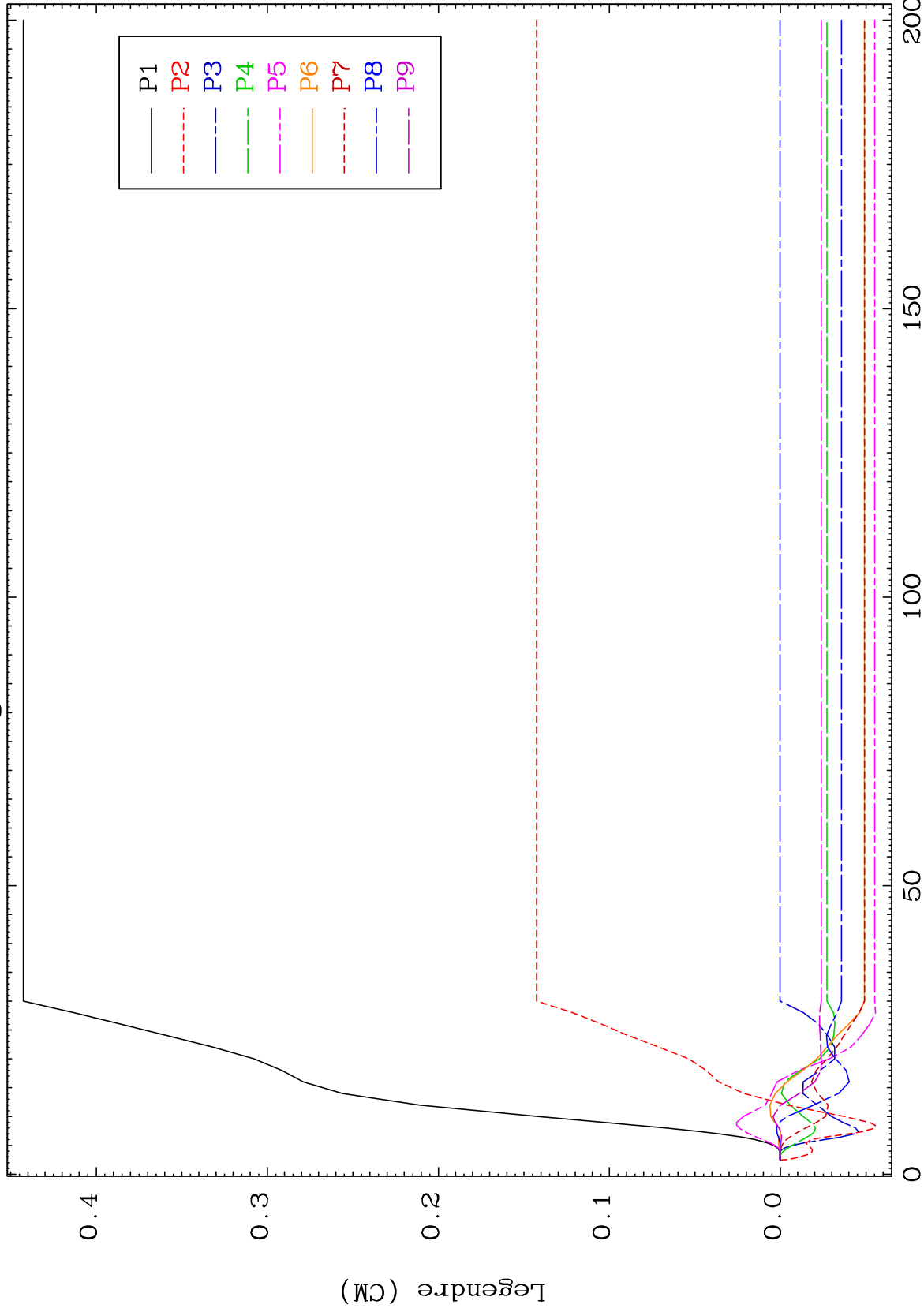
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



114

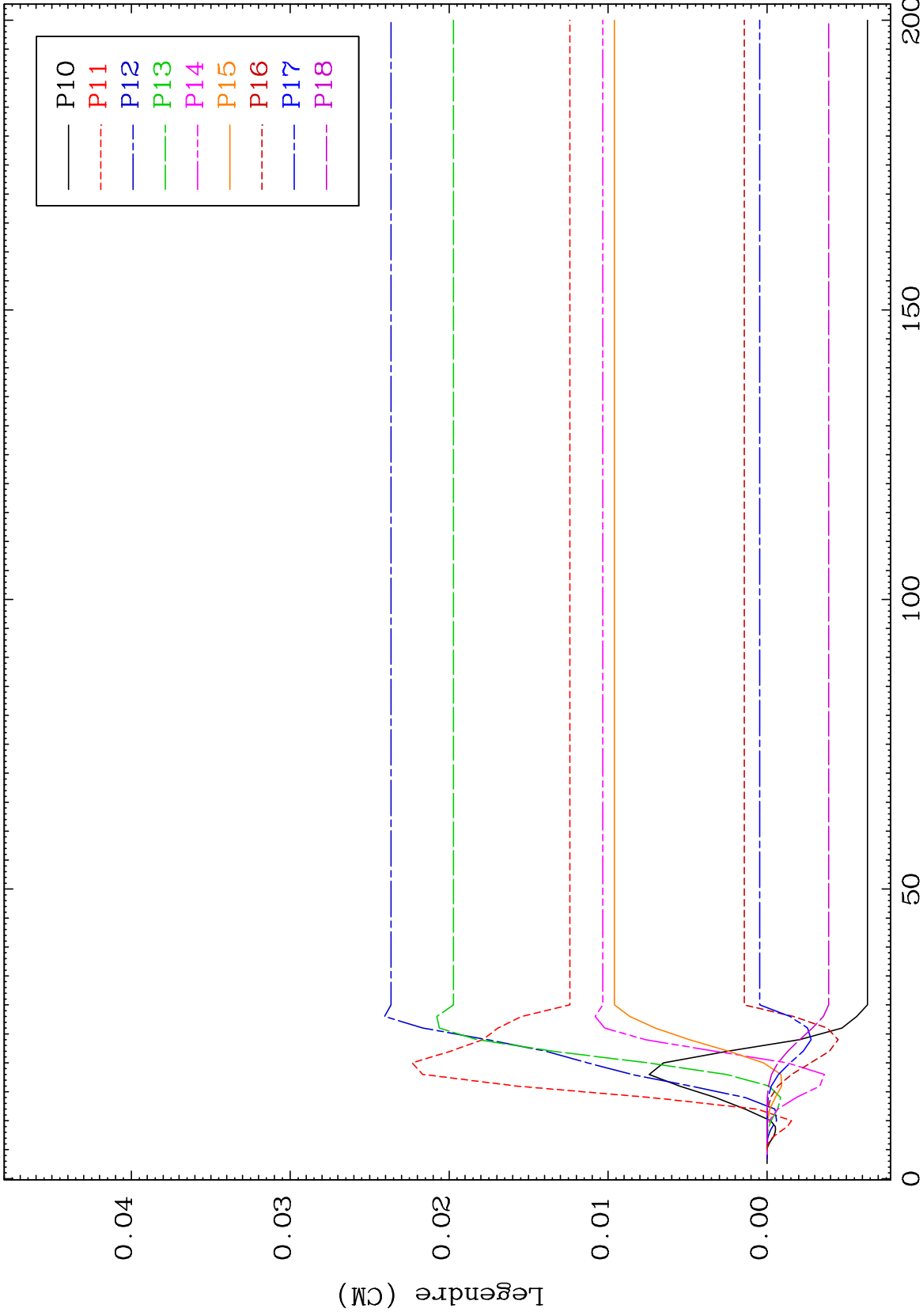
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



115

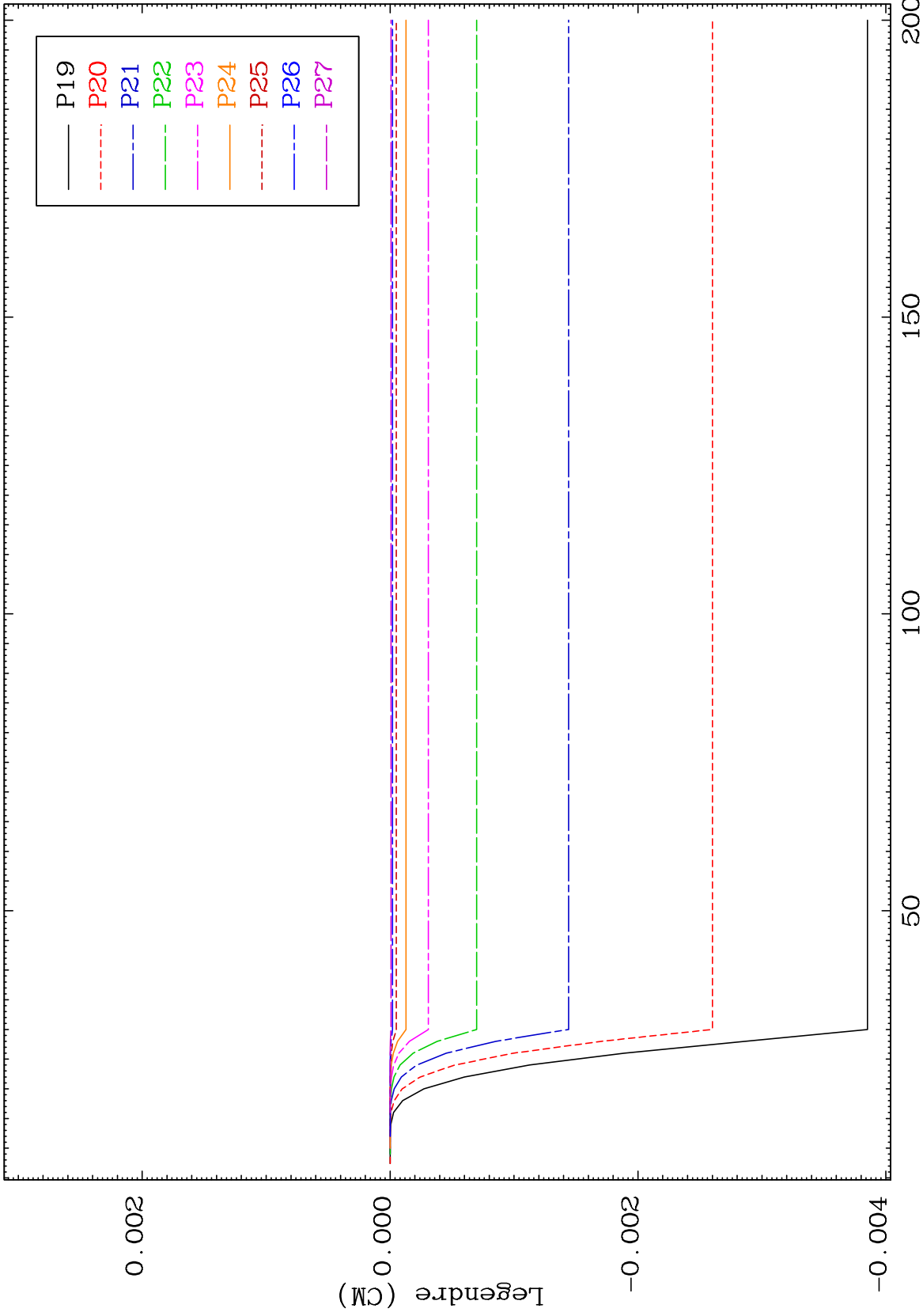
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



116

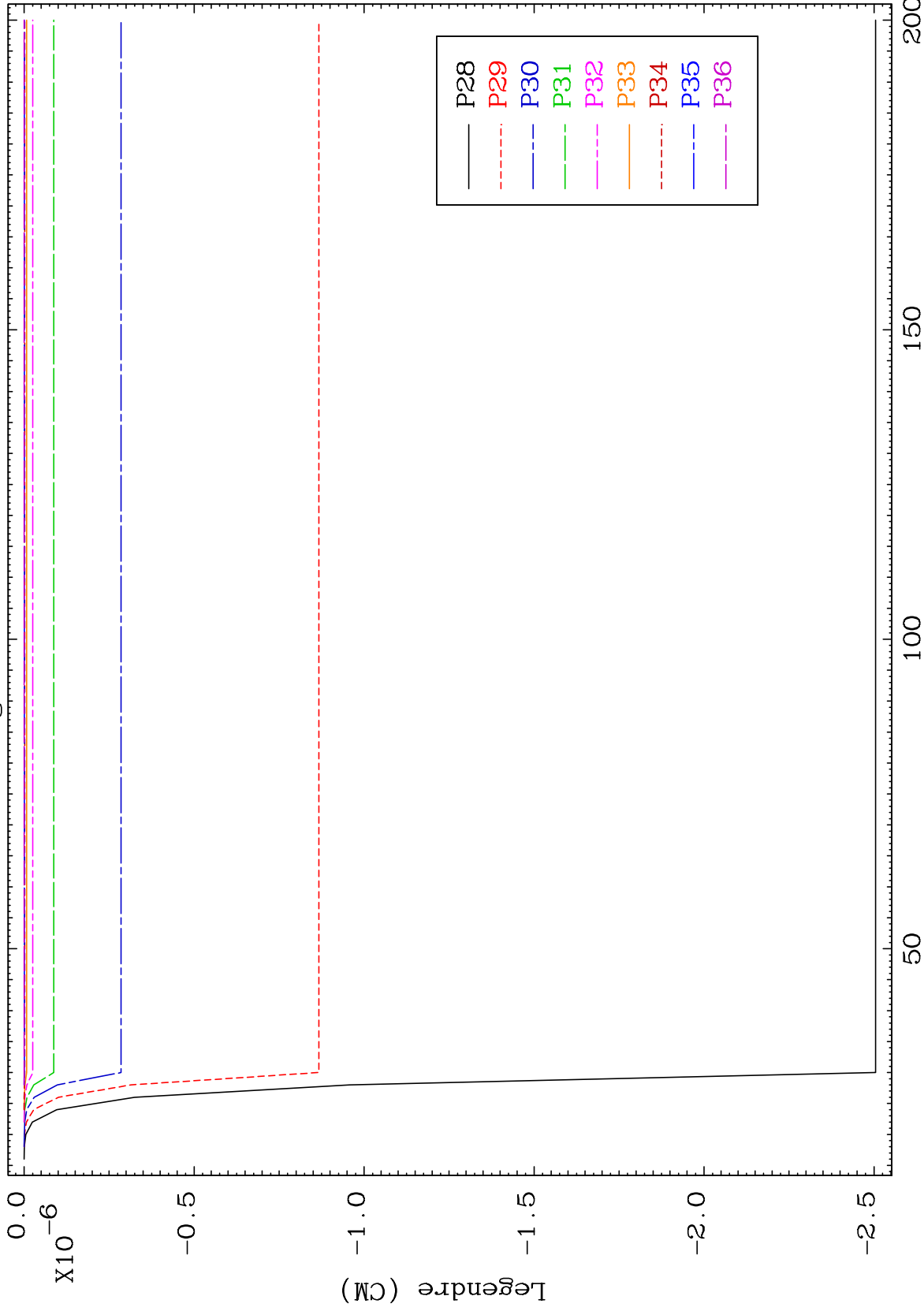
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



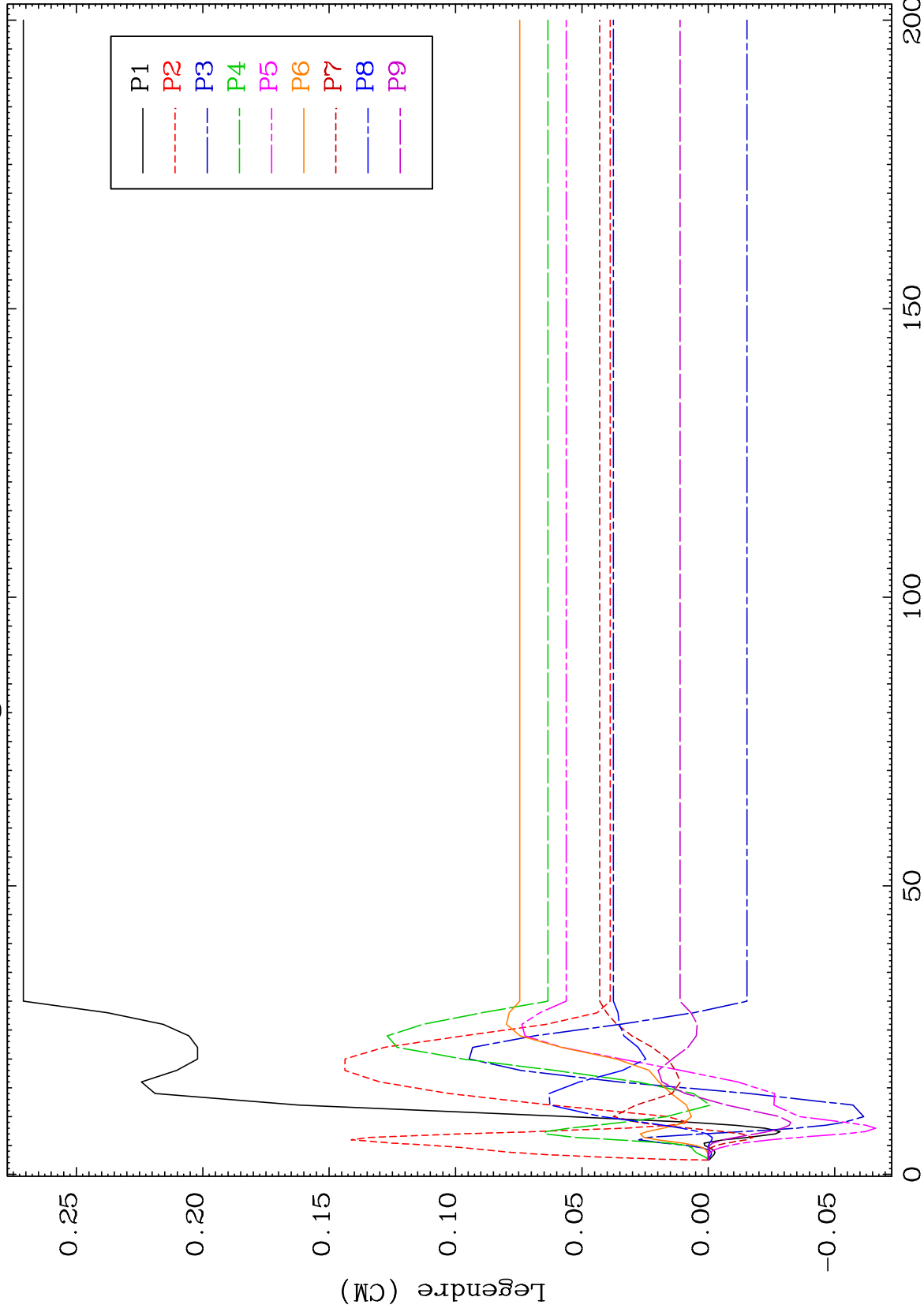
117

56-Ba-132

MAT 5631

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

56-Ba-132



118

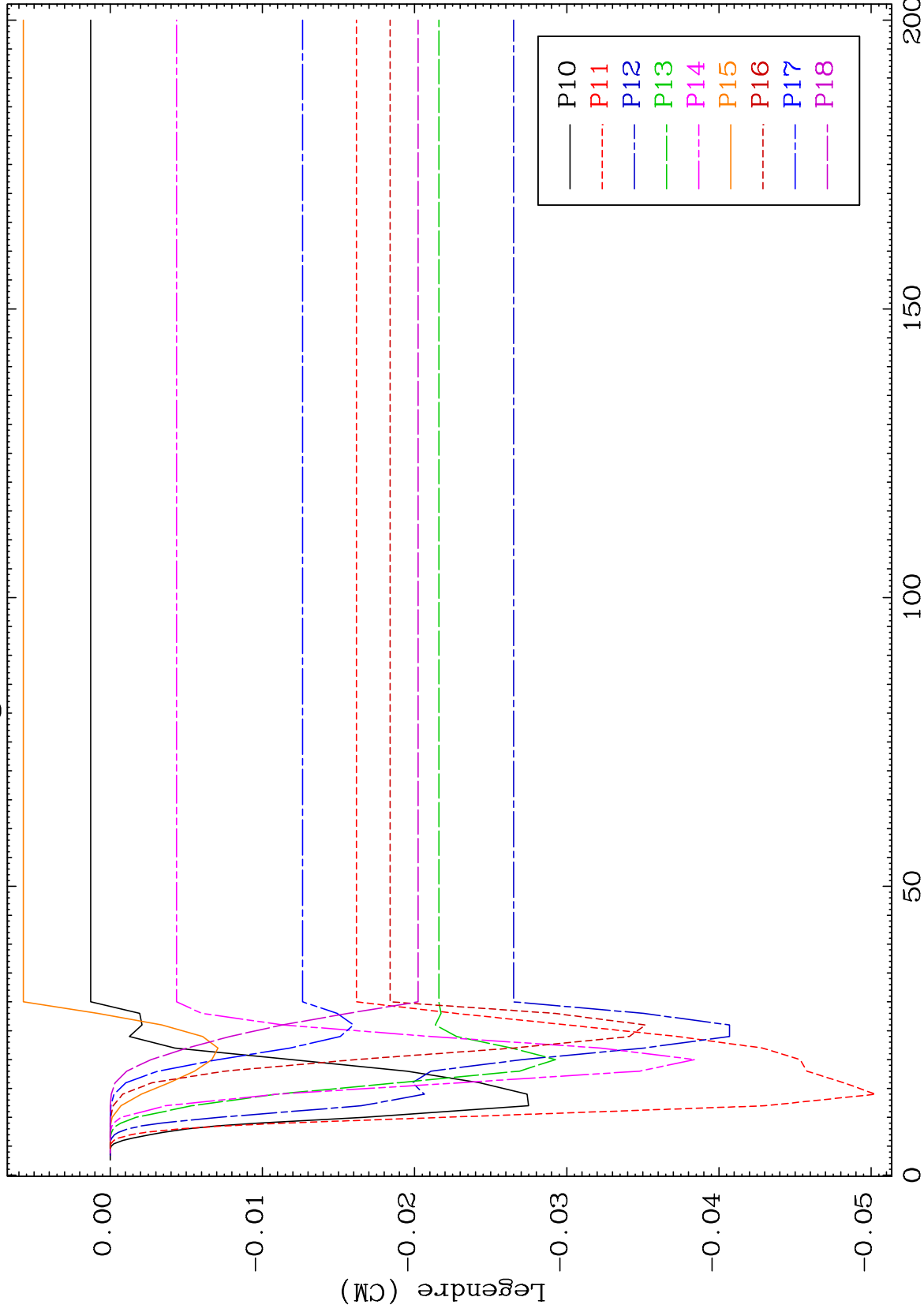
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132

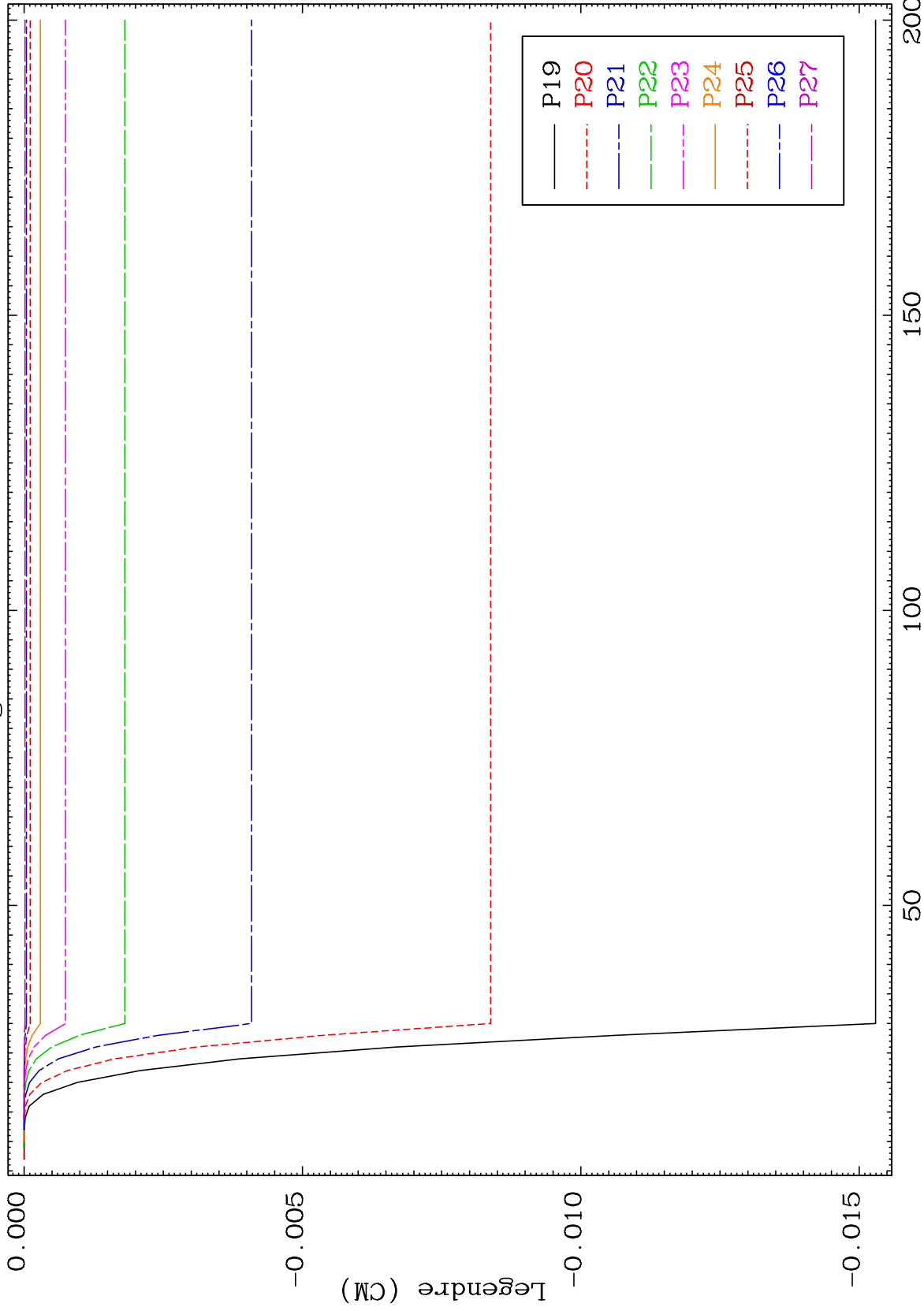


119

Incident Energy (MeV)

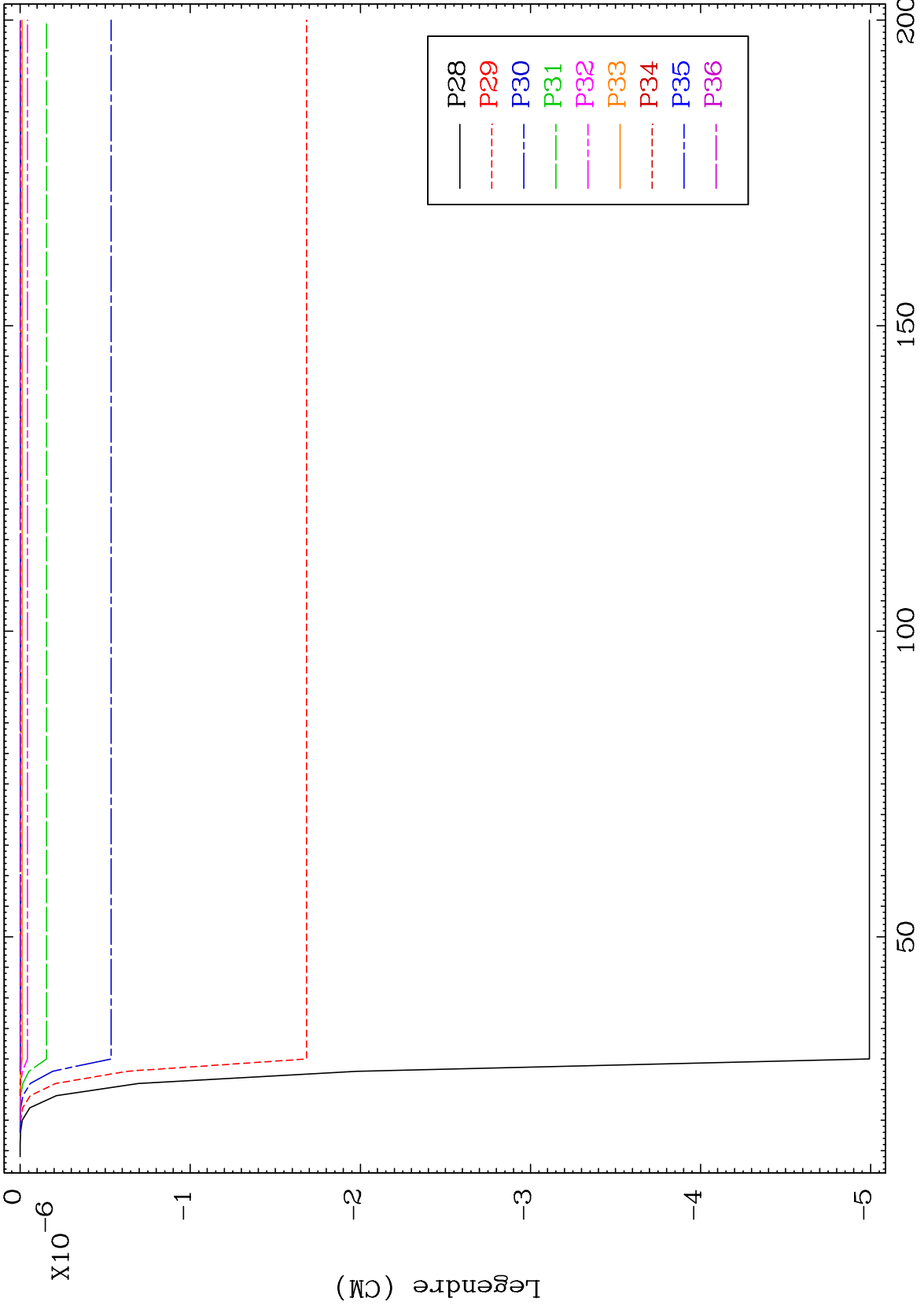
56-Ba-132

MAT 5631 MT= 78 (n,n') Level Legendre Coefficients 56-Ba-132



120 50 100 150 200 Incident Energy (MeV) 56-Ba-132

MAT 5631 MT= 78 (n,n') Level Legendre Coefficients 56-Ba-132

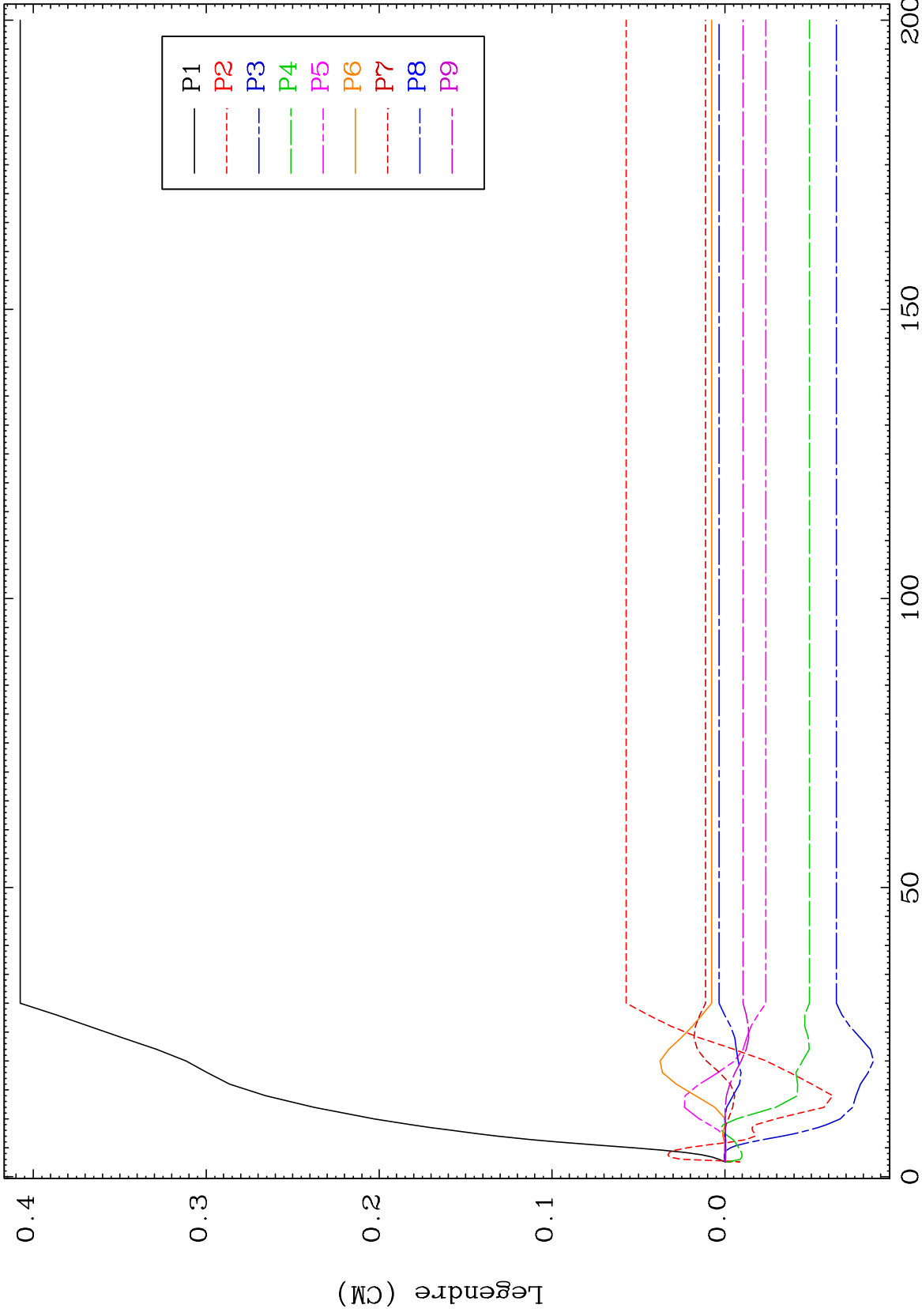


121 56-Ba-132

MAT 5631

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

56-Ba-132



122

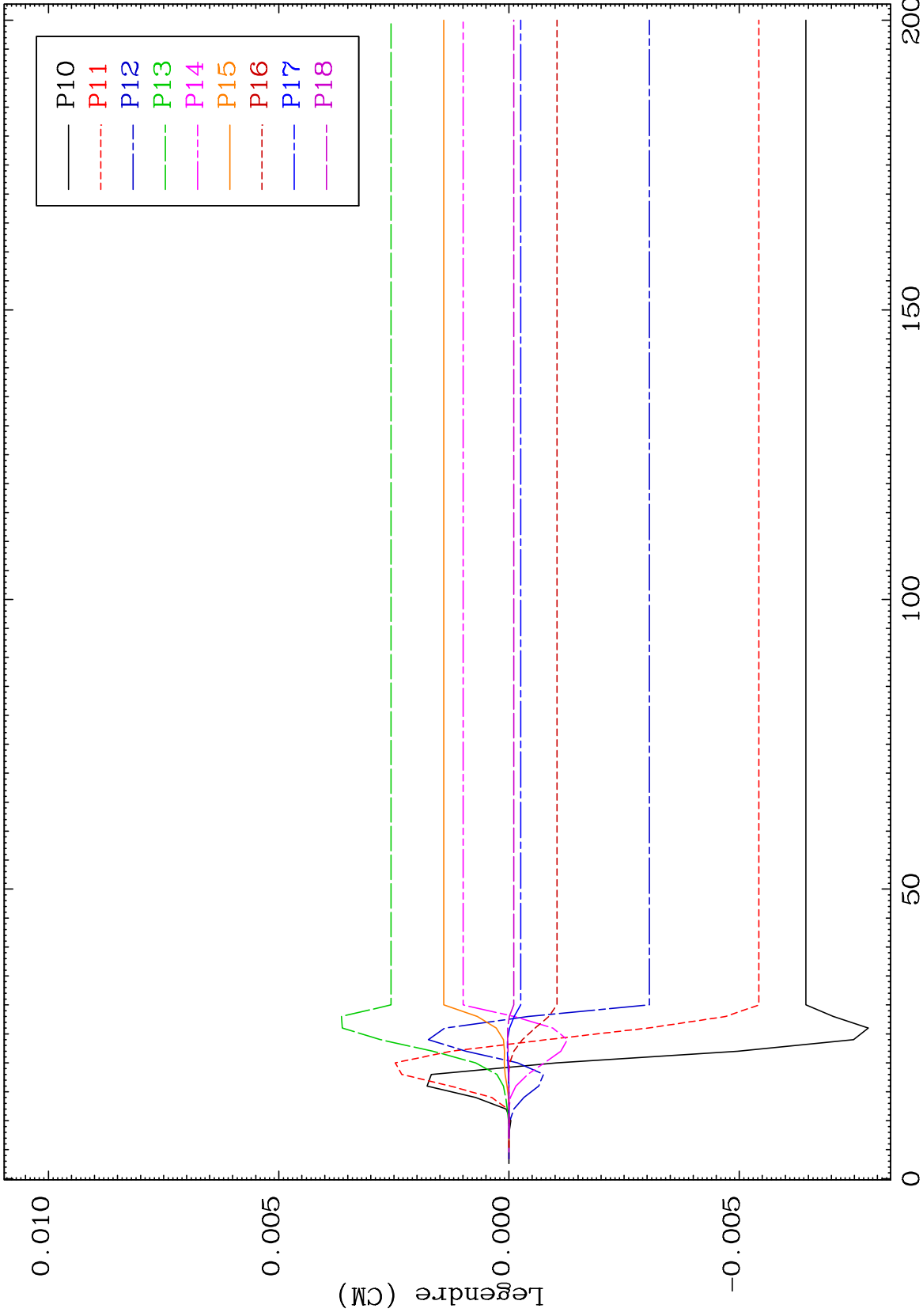
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



123

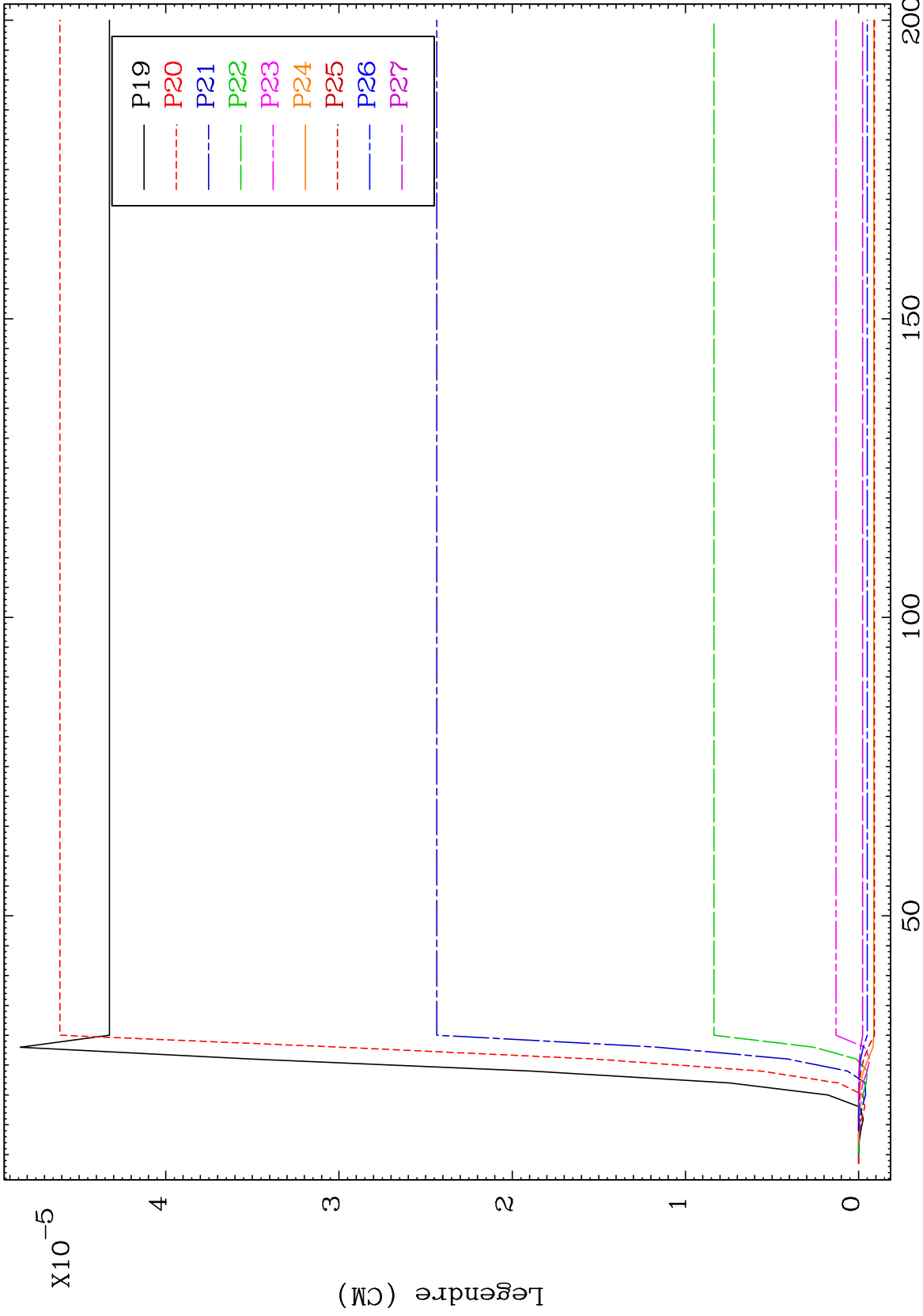
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

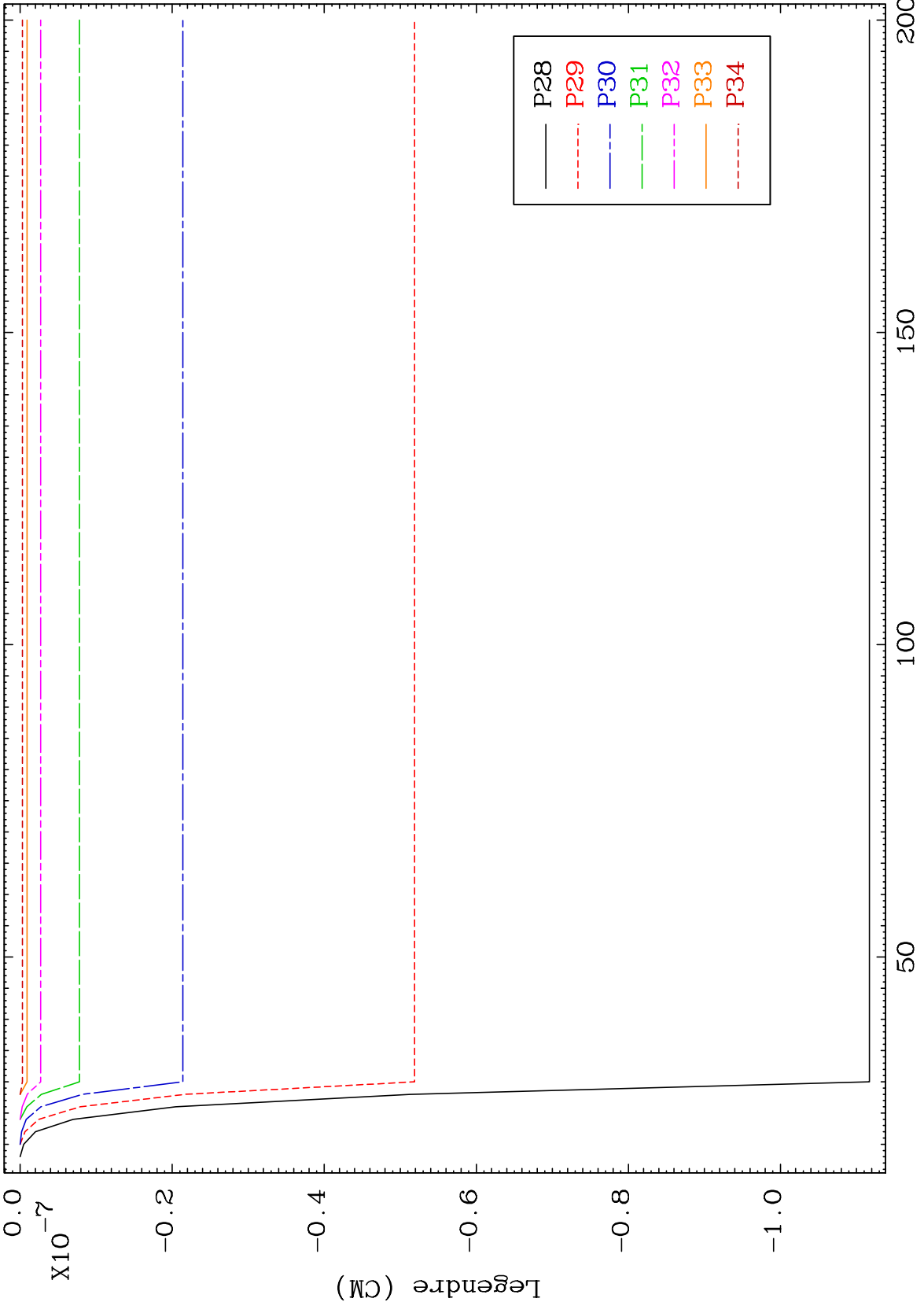
56-Ba-132



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56-Ba-132

MAT 5631 MT= 79 (n,n') Level Legendre Coefficients 56-Ba-132

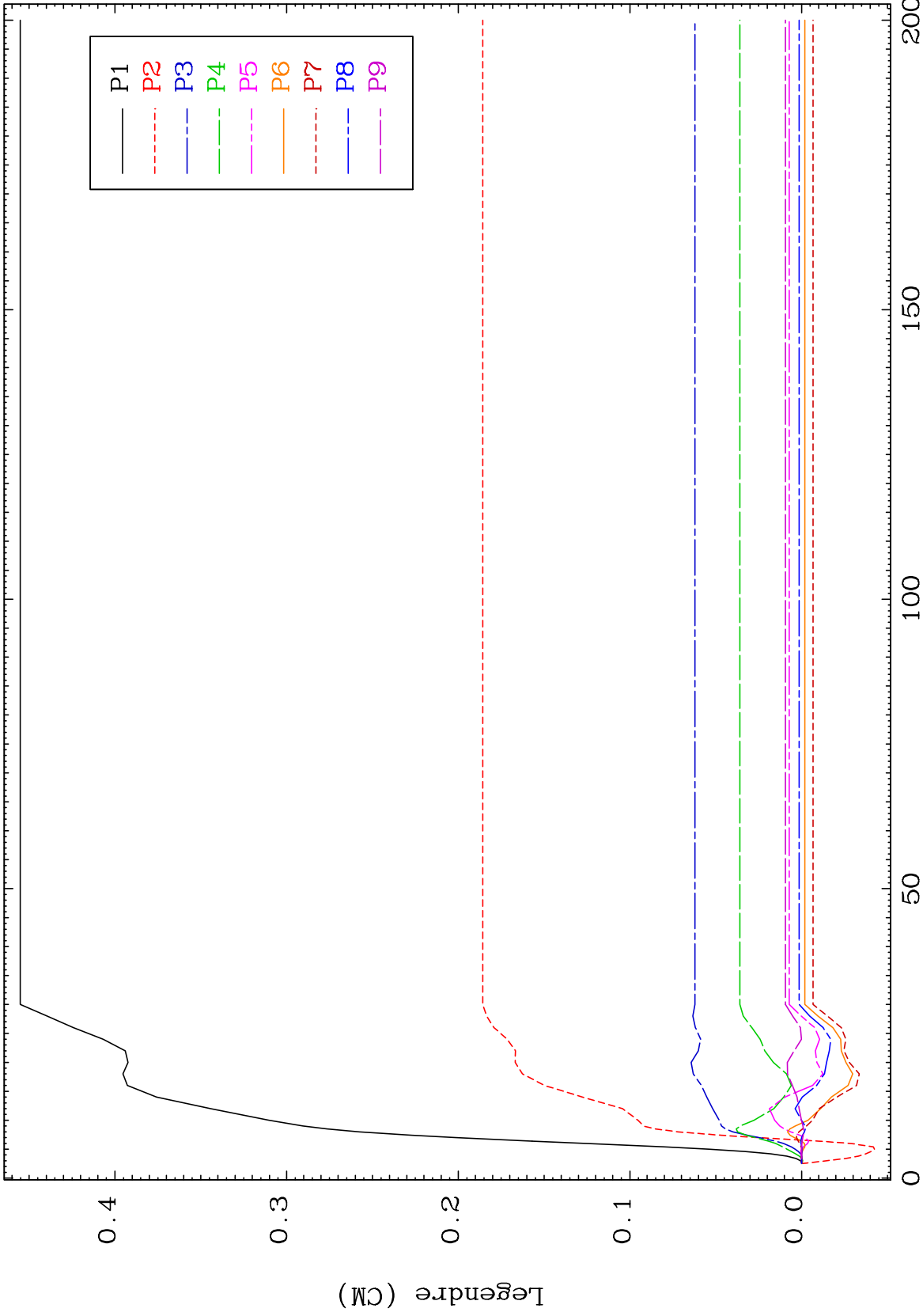


125 50 100 150 200 56-Ba-132

MAT 5631

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

56-Ba-132



126

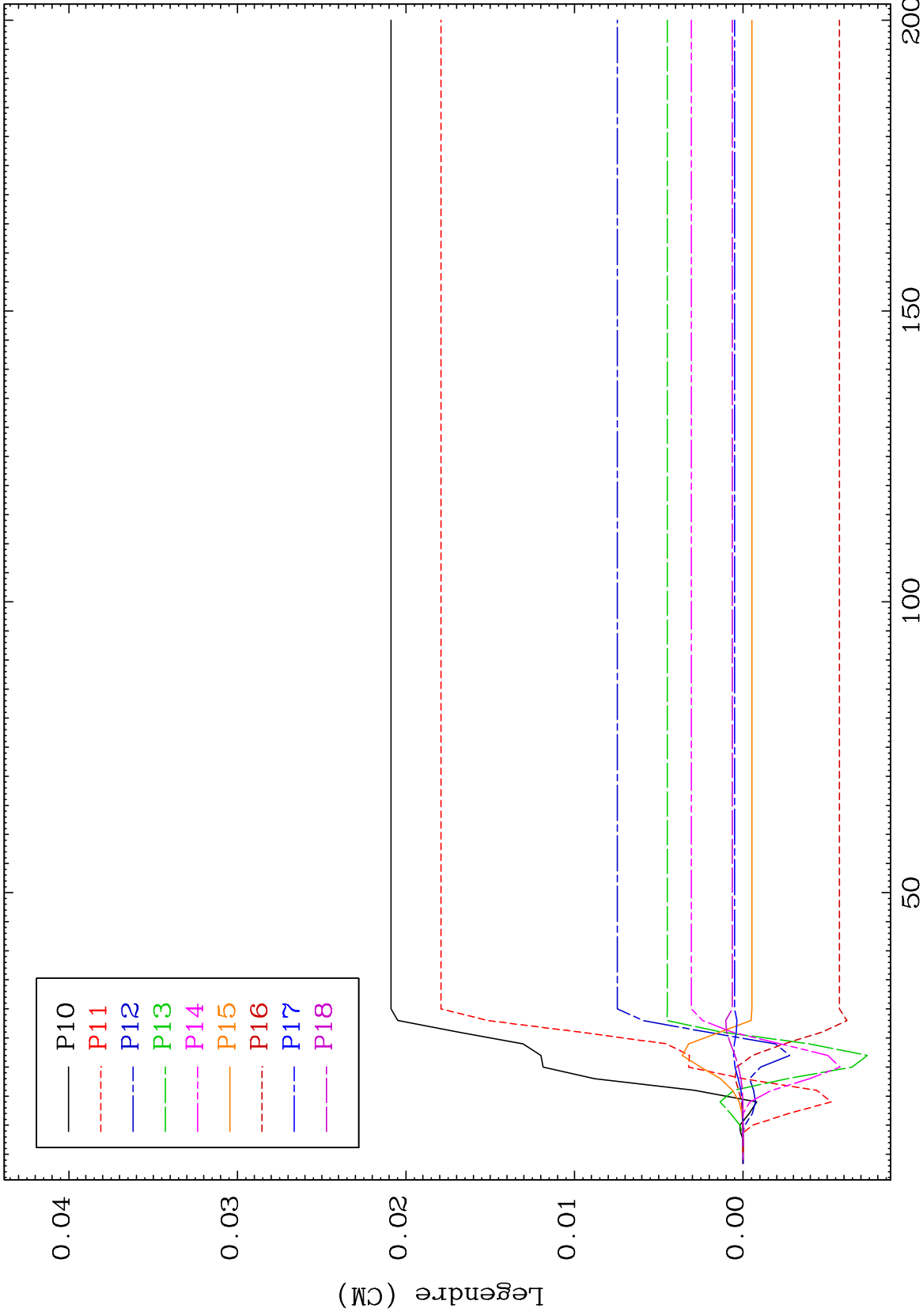
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



127

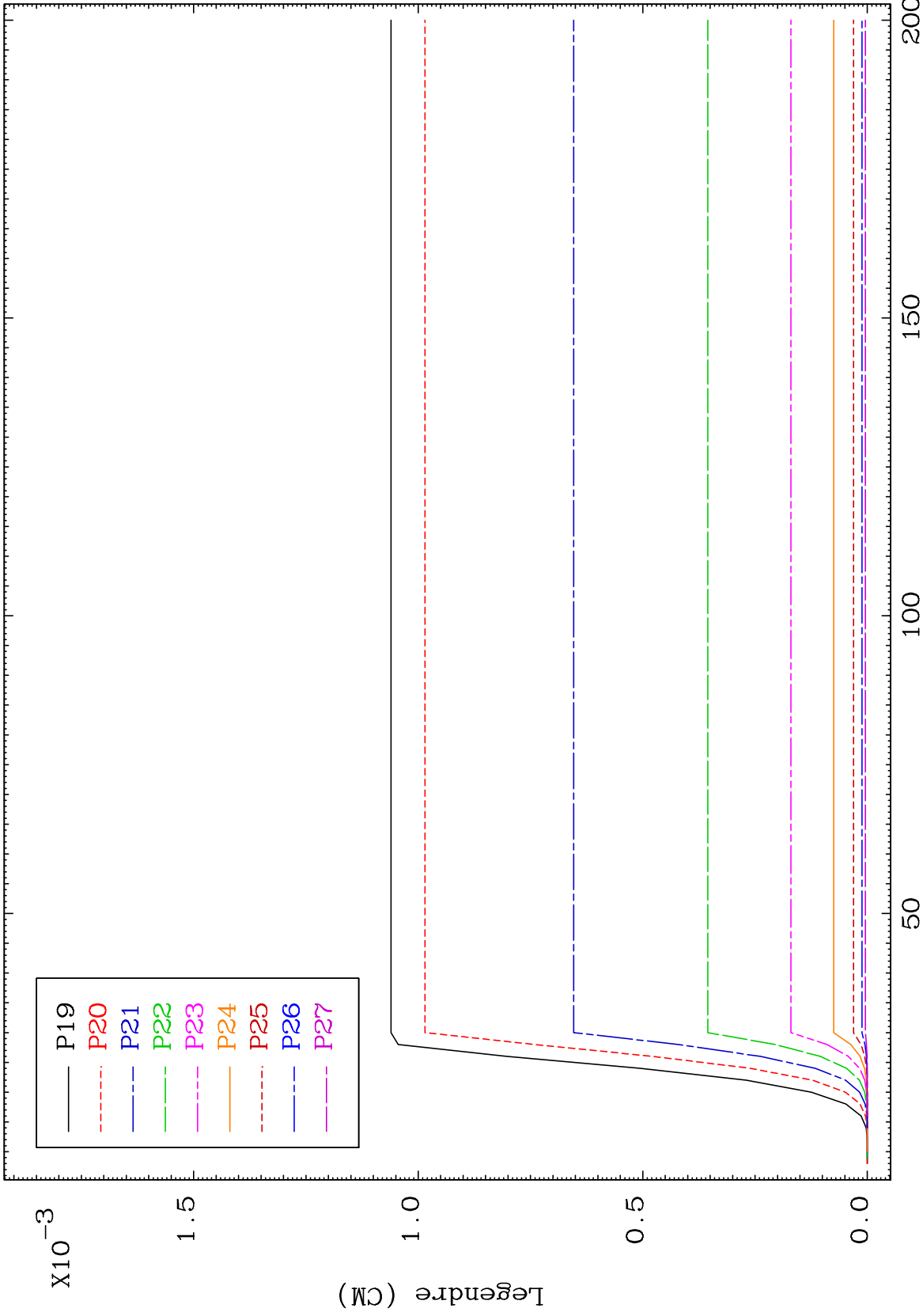
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



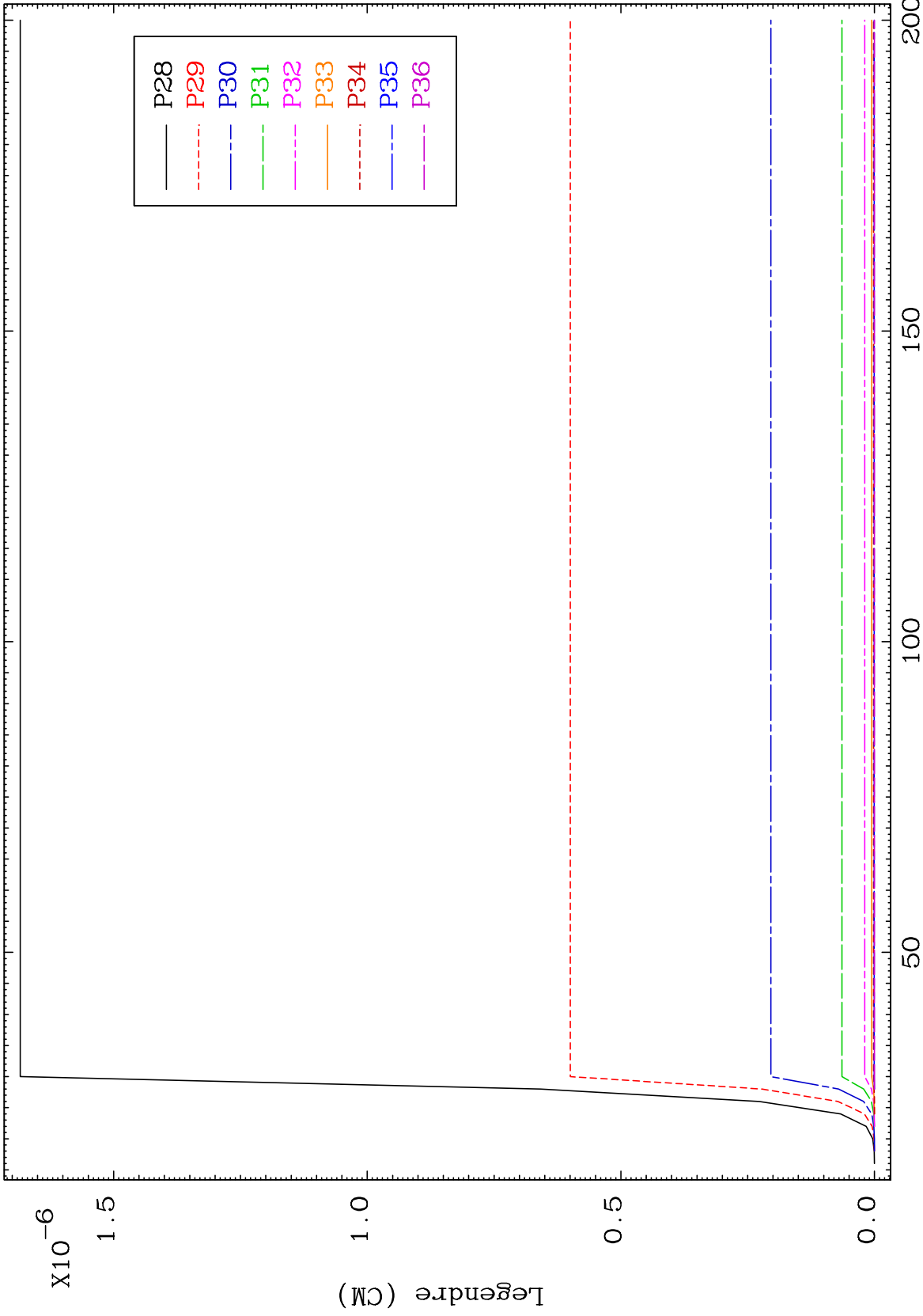
128

56-Ba-132

MAT 5631

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

56-Ba-132



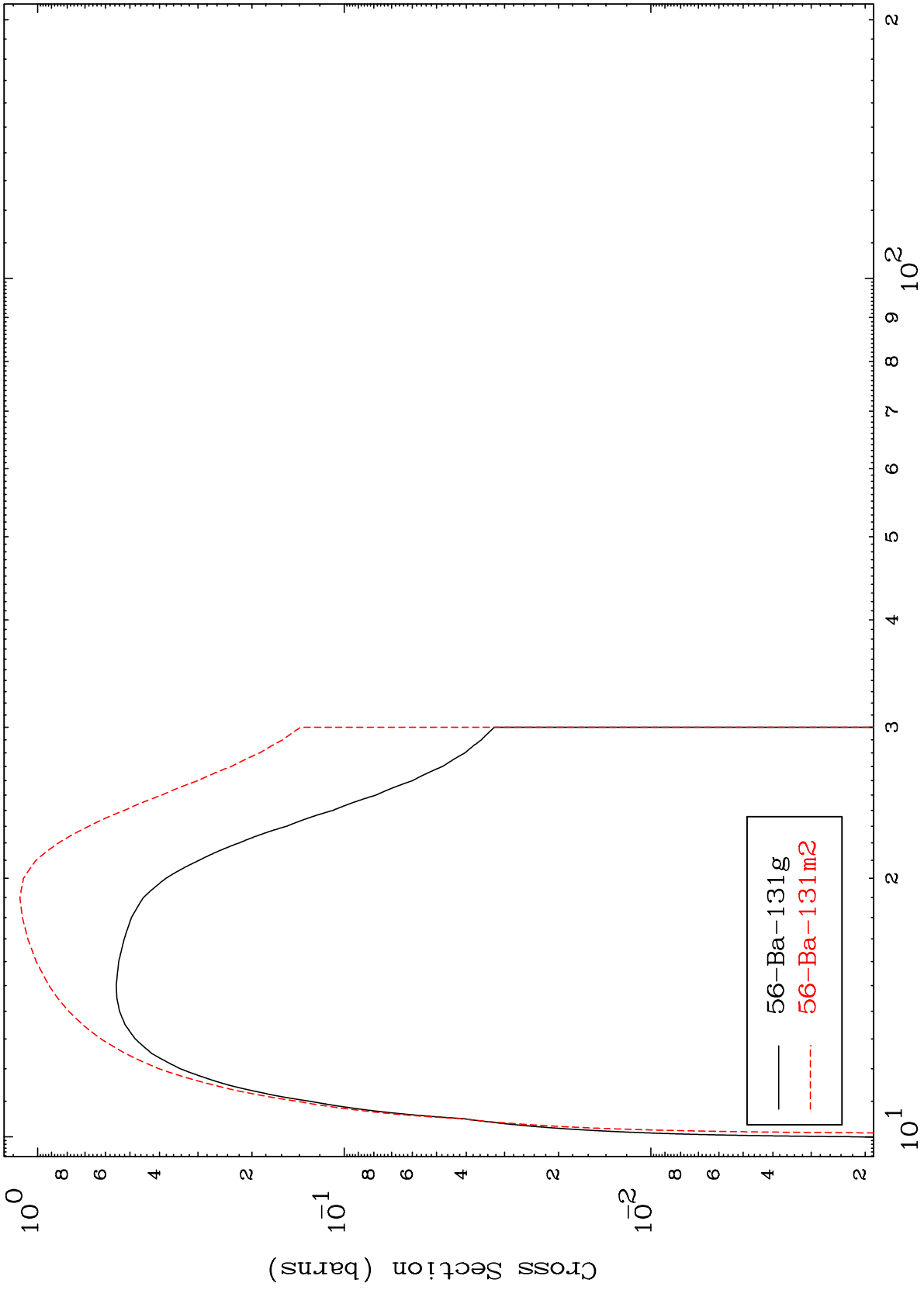
129

56-Ba-132

MAT 5631

56-Ba-132

(n,2n)
Radionuclide Production Cross Section



56-Ba-132

Incident Energy (MeV)

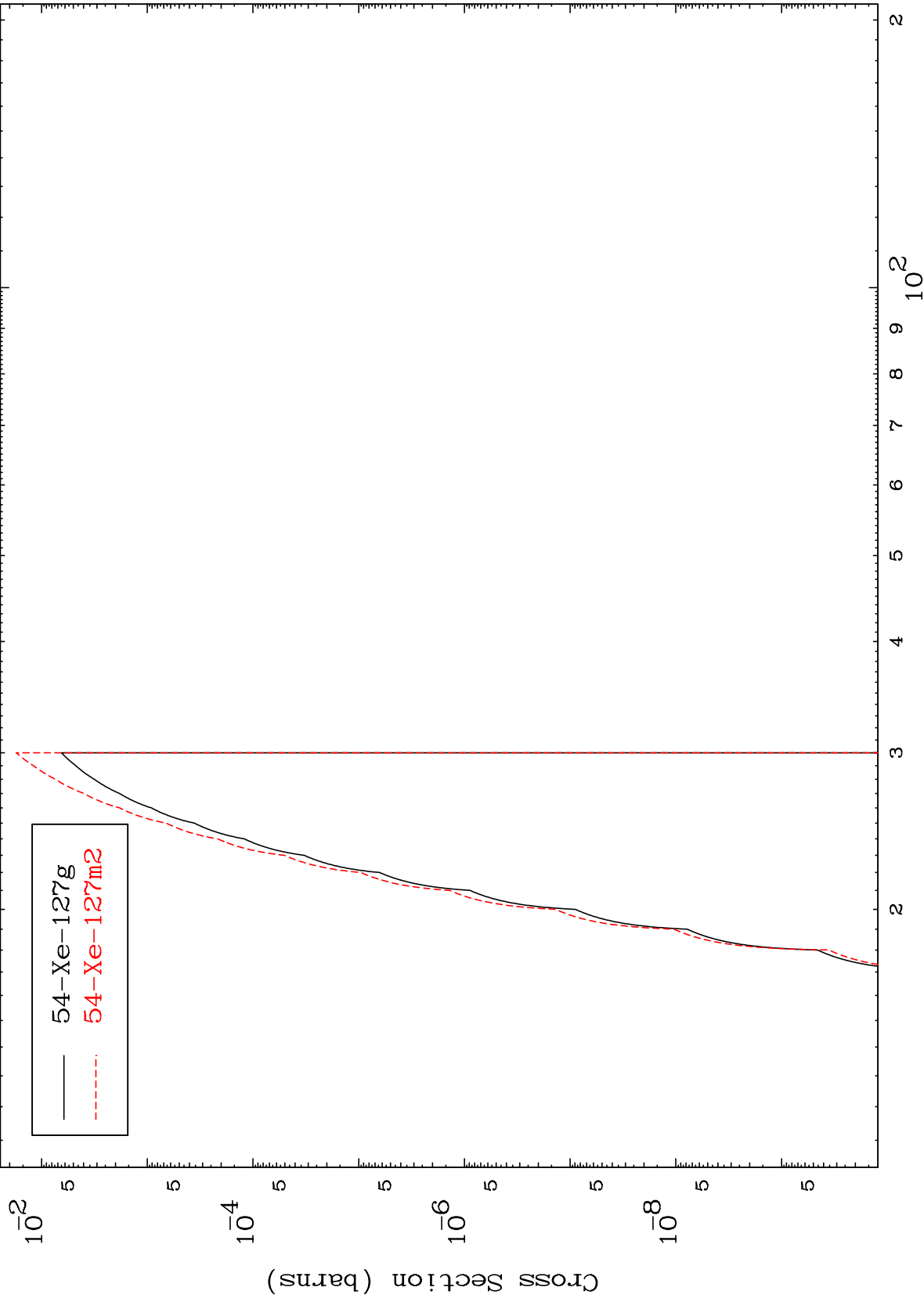
130

MAT 5631

(n,2n) α

56-Ba-132

Radionuclide Production Cross Section



131

Incident Energy (MeV)

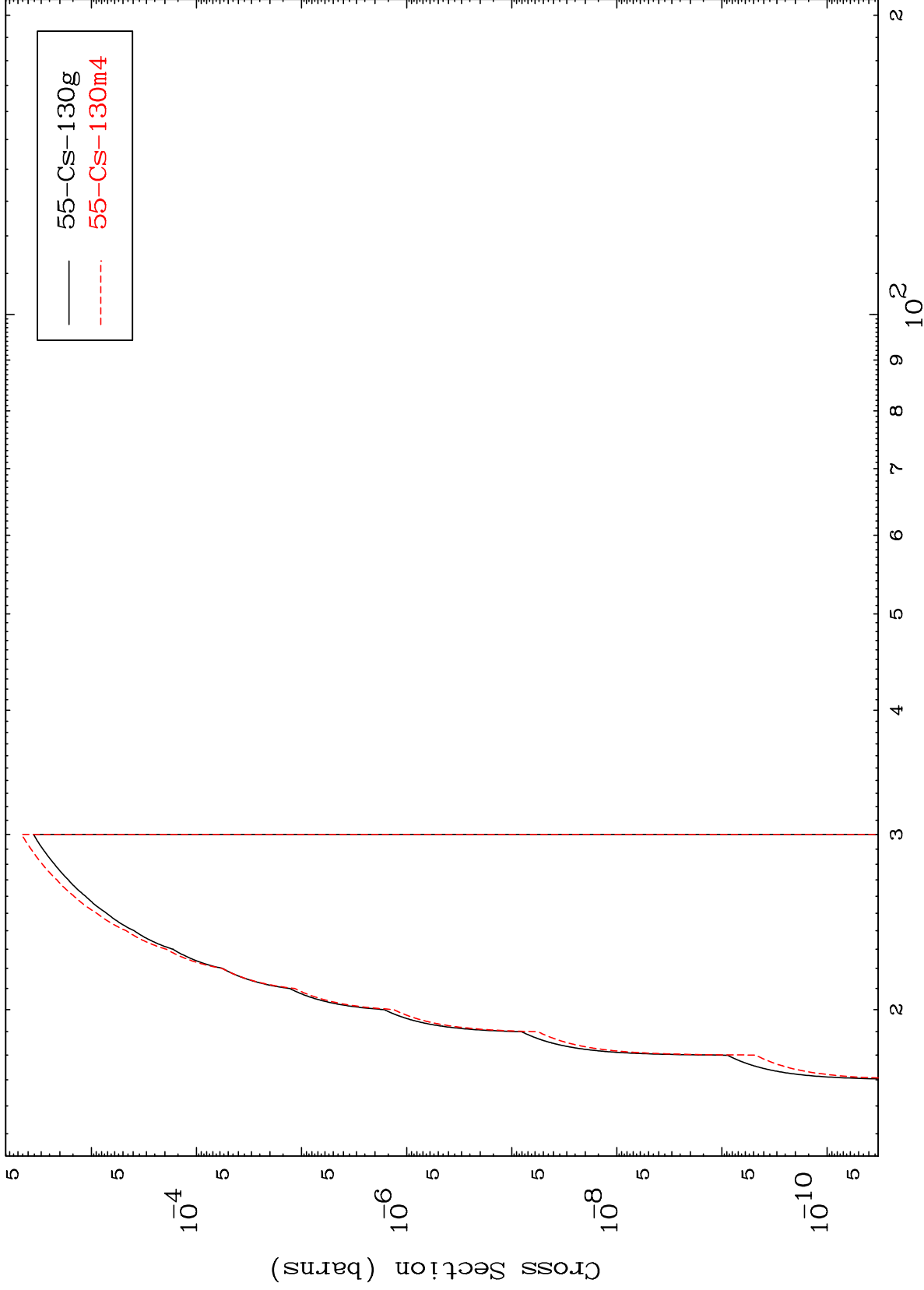
56-Ba-132

MAT 5631

(n,n') d

56-Ba-132

Radionuclide Production Cross Section



132

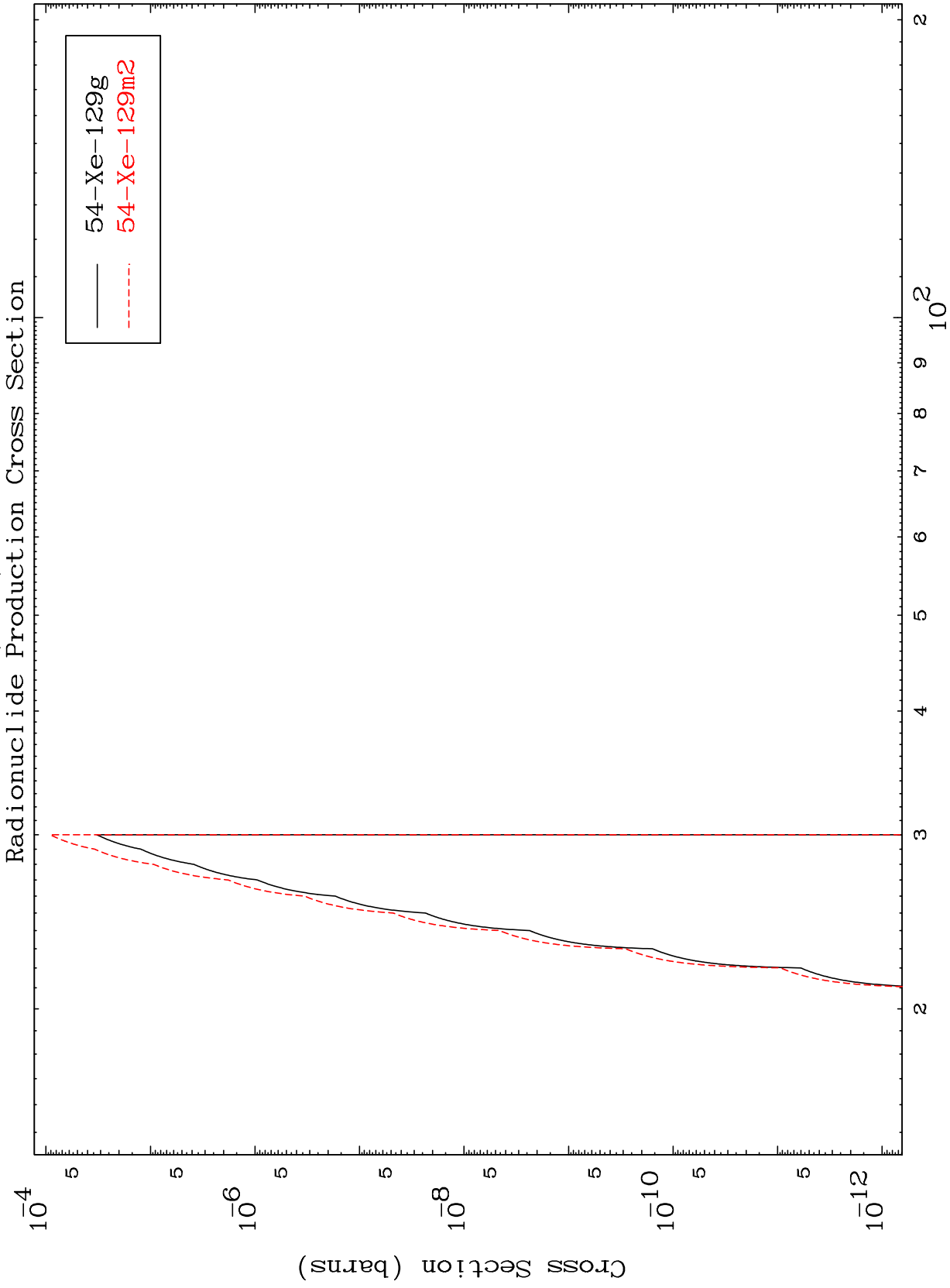
Incident Energy (MeV)

56-Ba-132

MAT 5631

(n, n') He-3

56-Ba-132



133

56-Ba-132

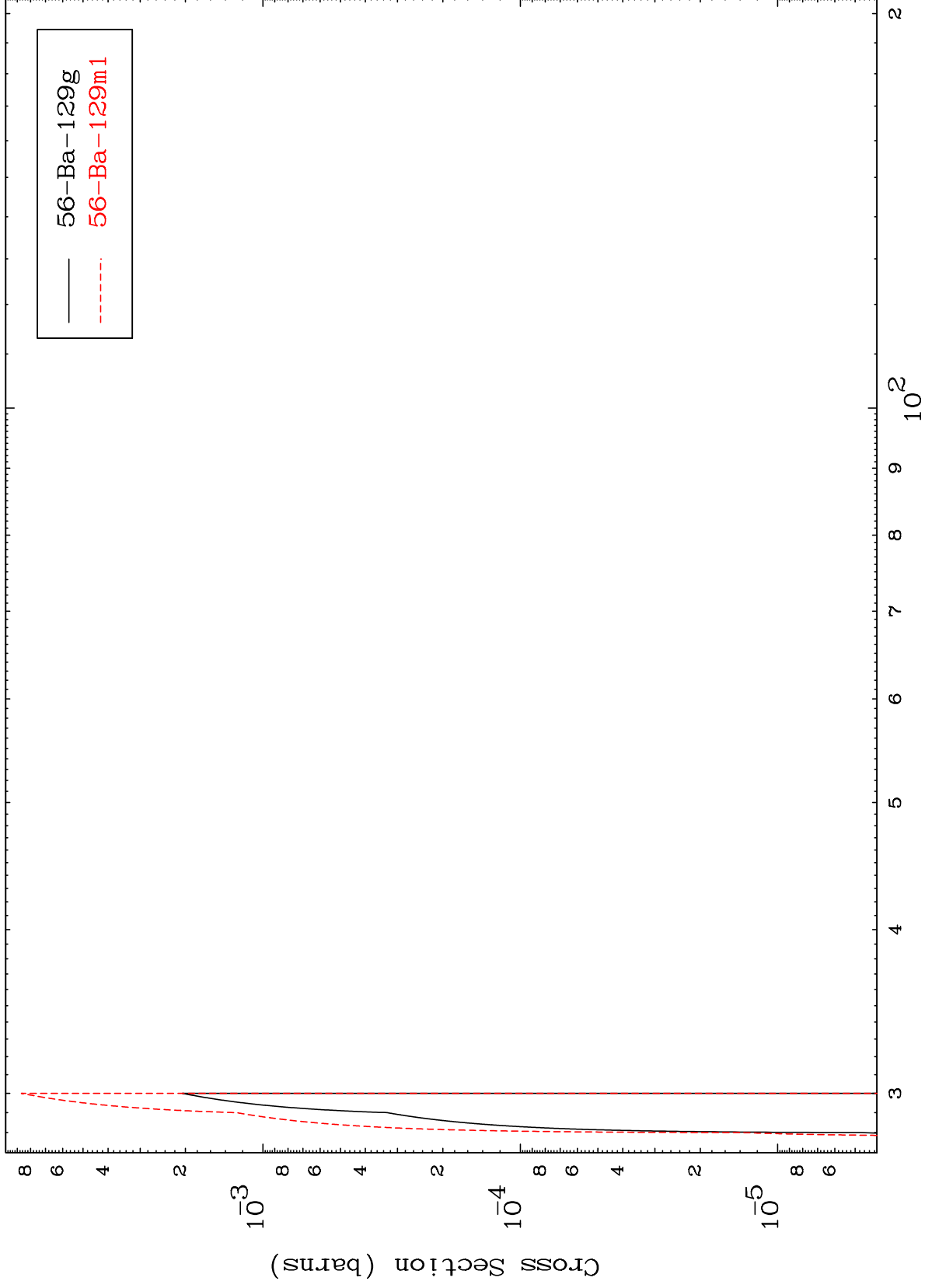
56-Ba-132

MAT 5631

(n,4n)

56-Ba-132

Radionuclide Production Cross Section



134

Incident Energy (MeV)

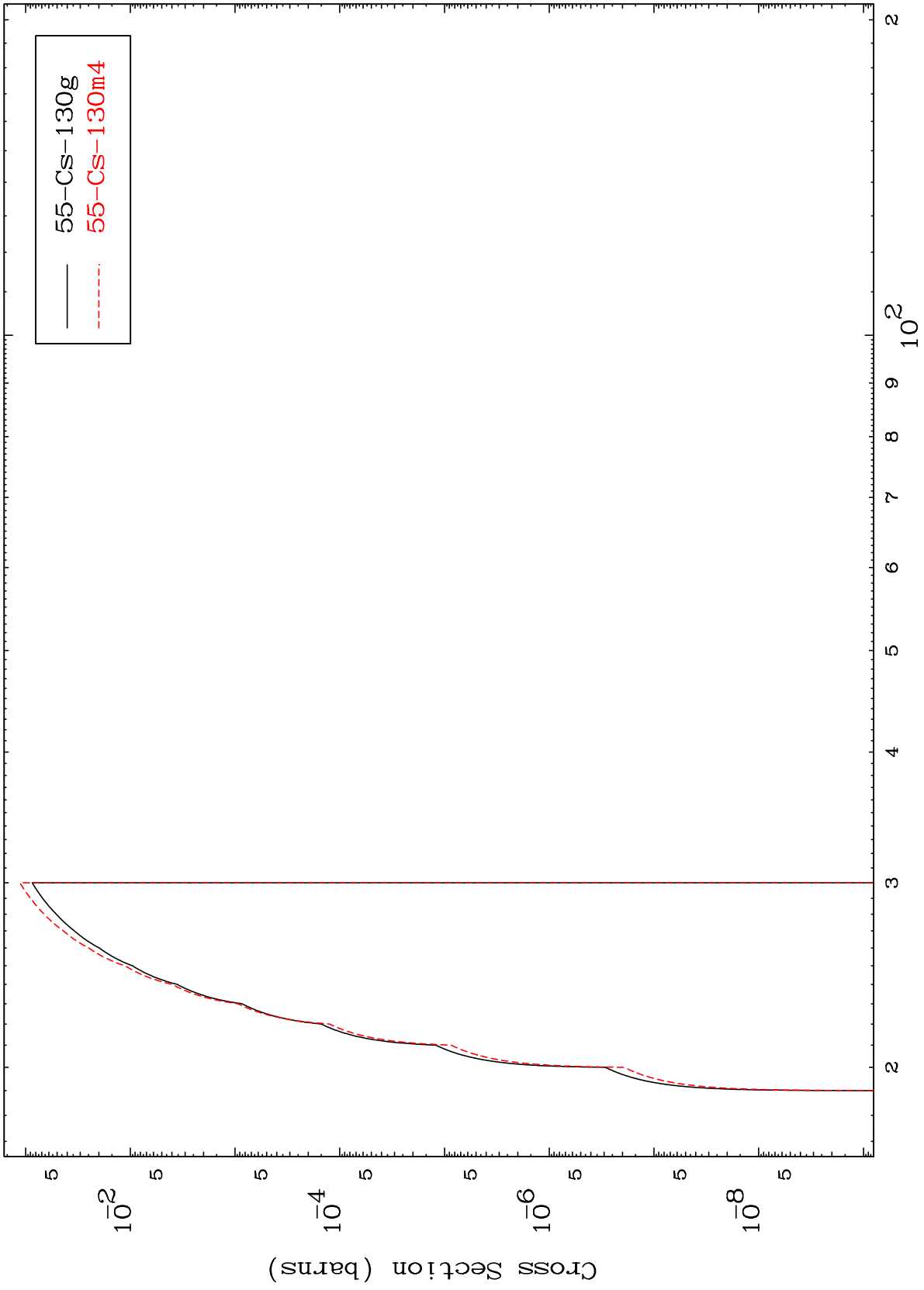
56-Ba-132

MAT 5631

(n,2n) p

56-Ba-132

Radionuclide Production Cross Section



135

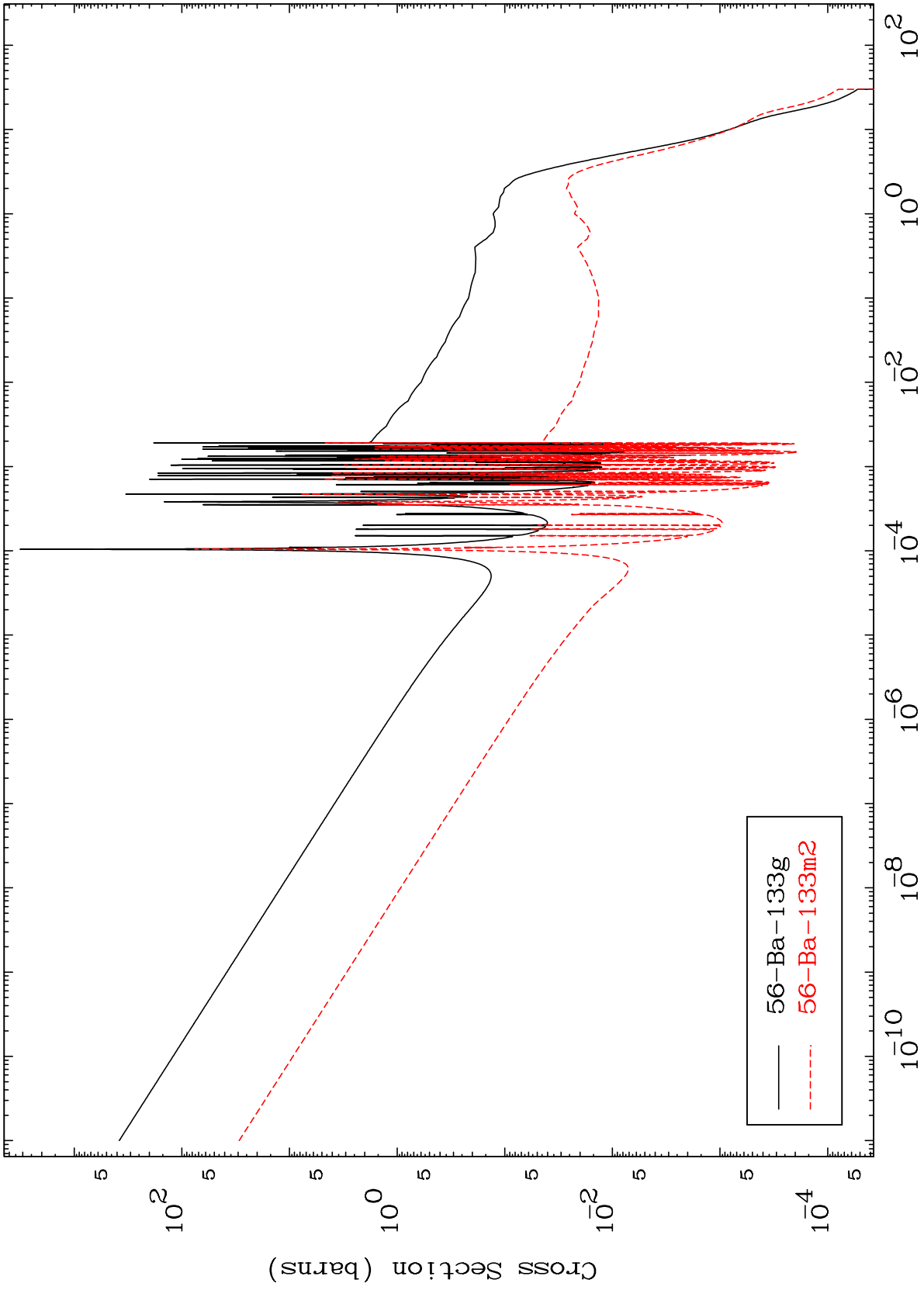
Incident Energy (MeV)

56-Ba-132

MAT 5631

56-Ba-132

(n,γ)
Radionuclide Production Cross Section



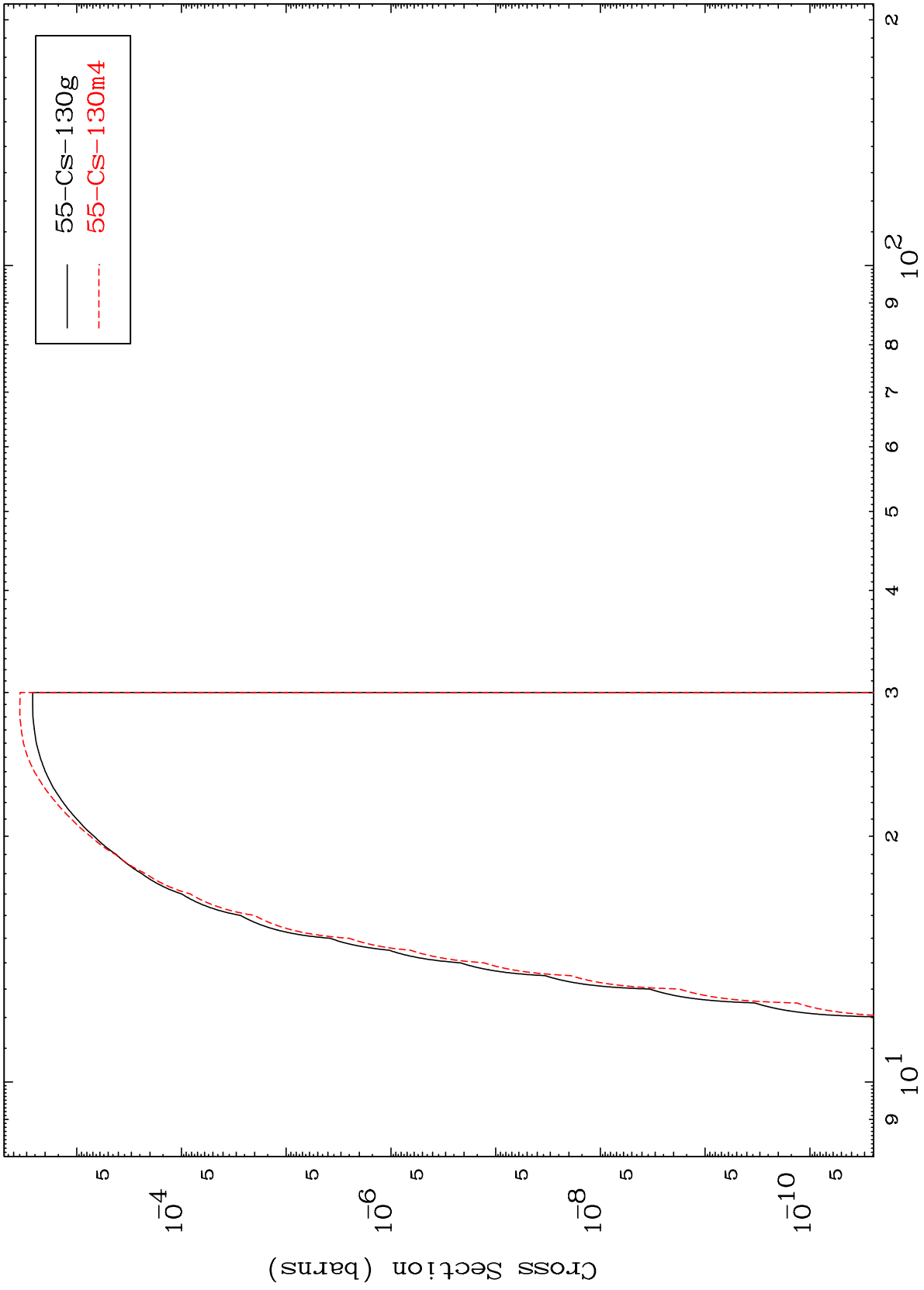
136

56-Ba-132

MAT 5631

56-Ba-132

(n, t)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

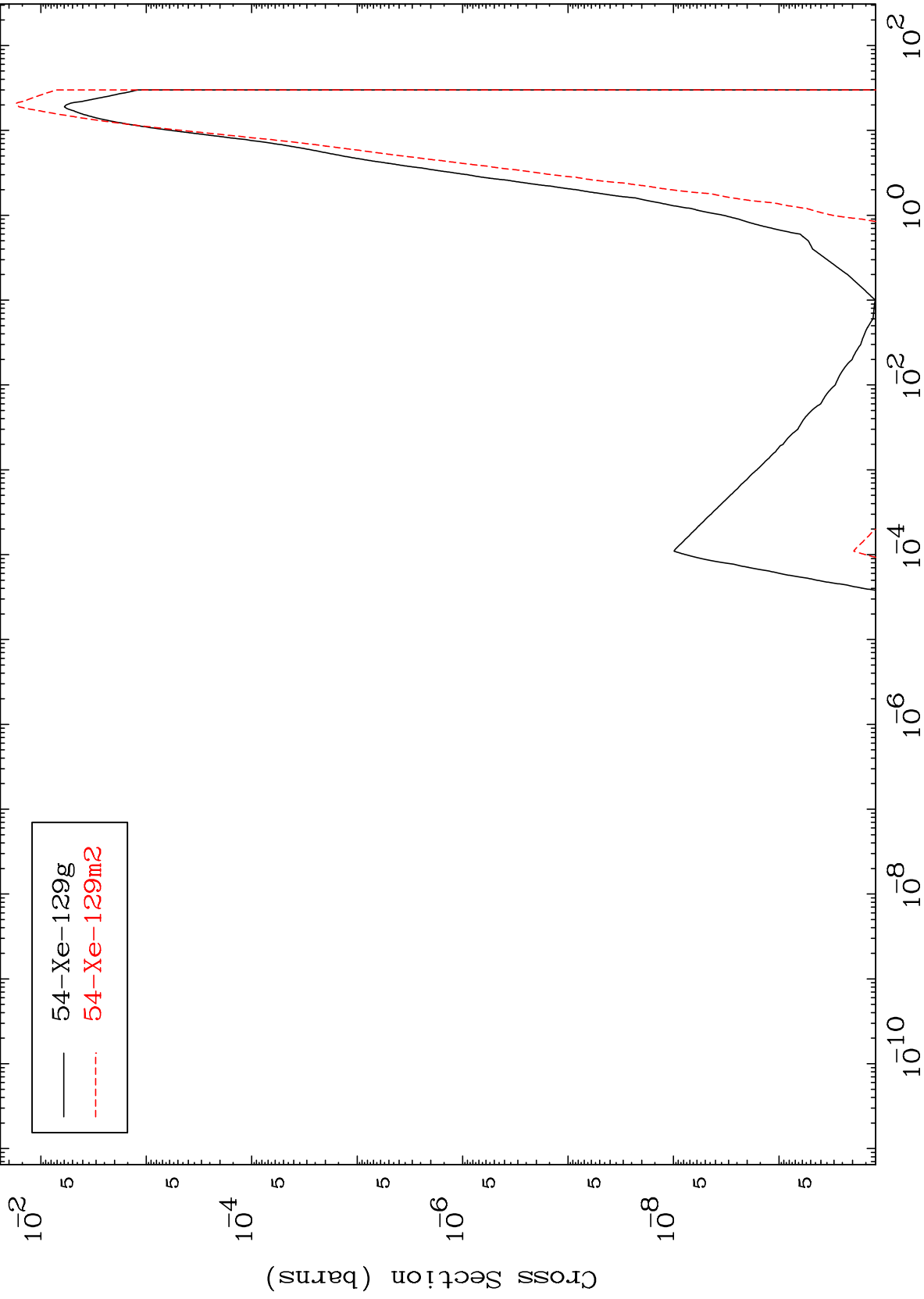
56-Ba-132

MAT 5631

(n, α)

56-Ba-132

Radionuclide Production Cross Section



138

Incident Energy (MeV)

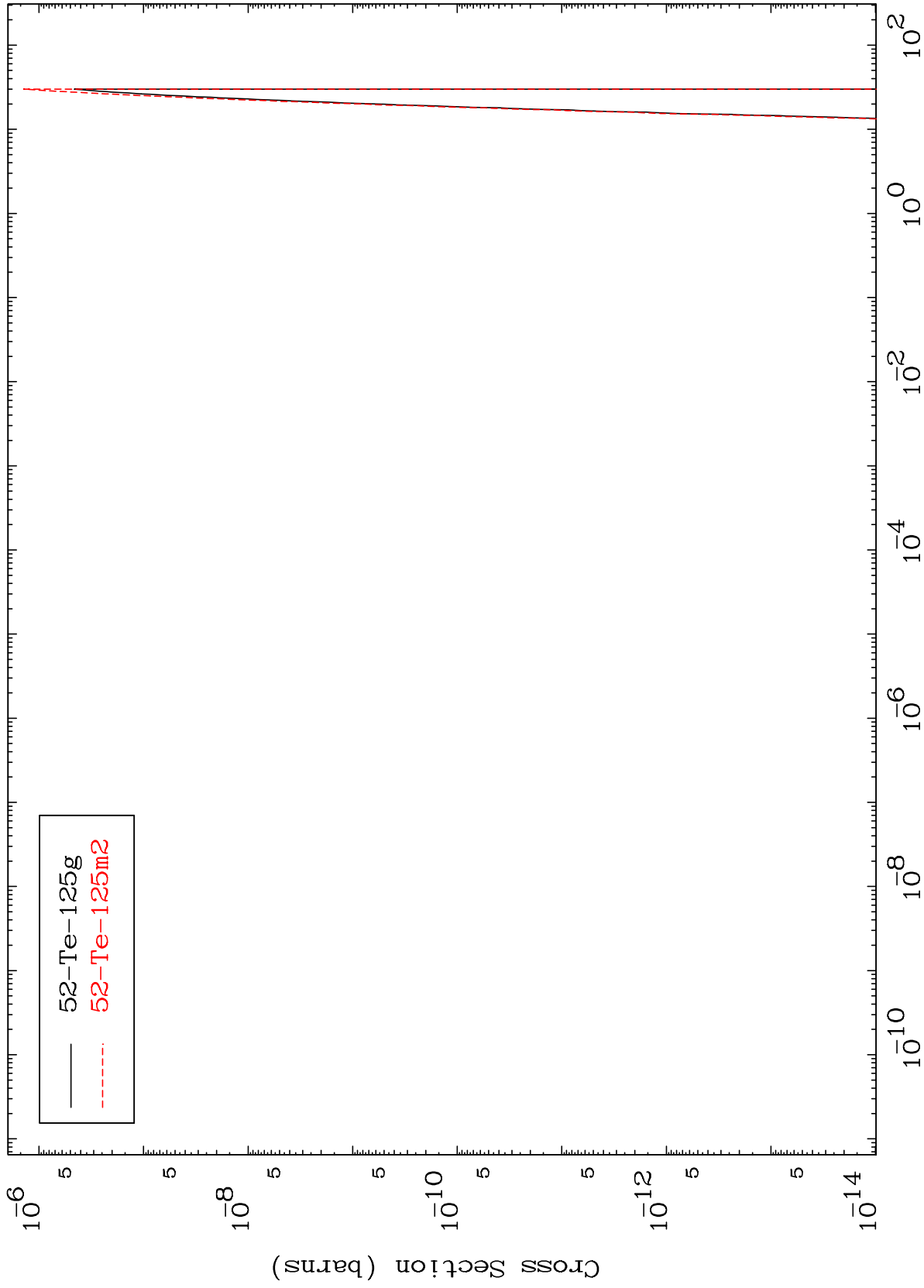
56-Ba-132

MAT 5631

(n,2α)

56-Ba-132

Radionuclide Production Cross Section



139

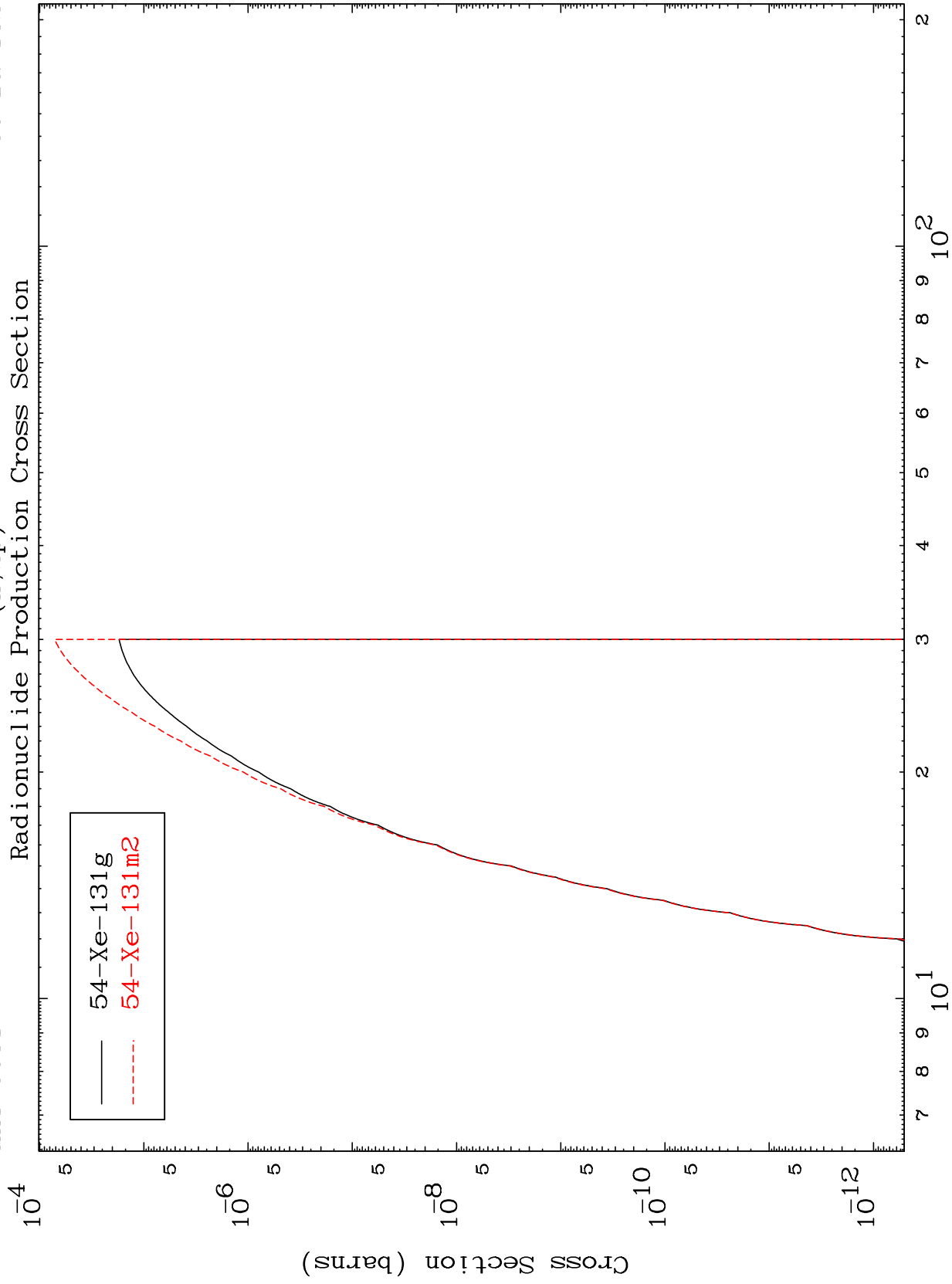
Incident Energy (MeV)

56-Ba-132

MAT 5631

56-Ba-132

Radionuclide Production Cross Section
(n,2p)



54-Xe-131g
54-Xe-131m2

140

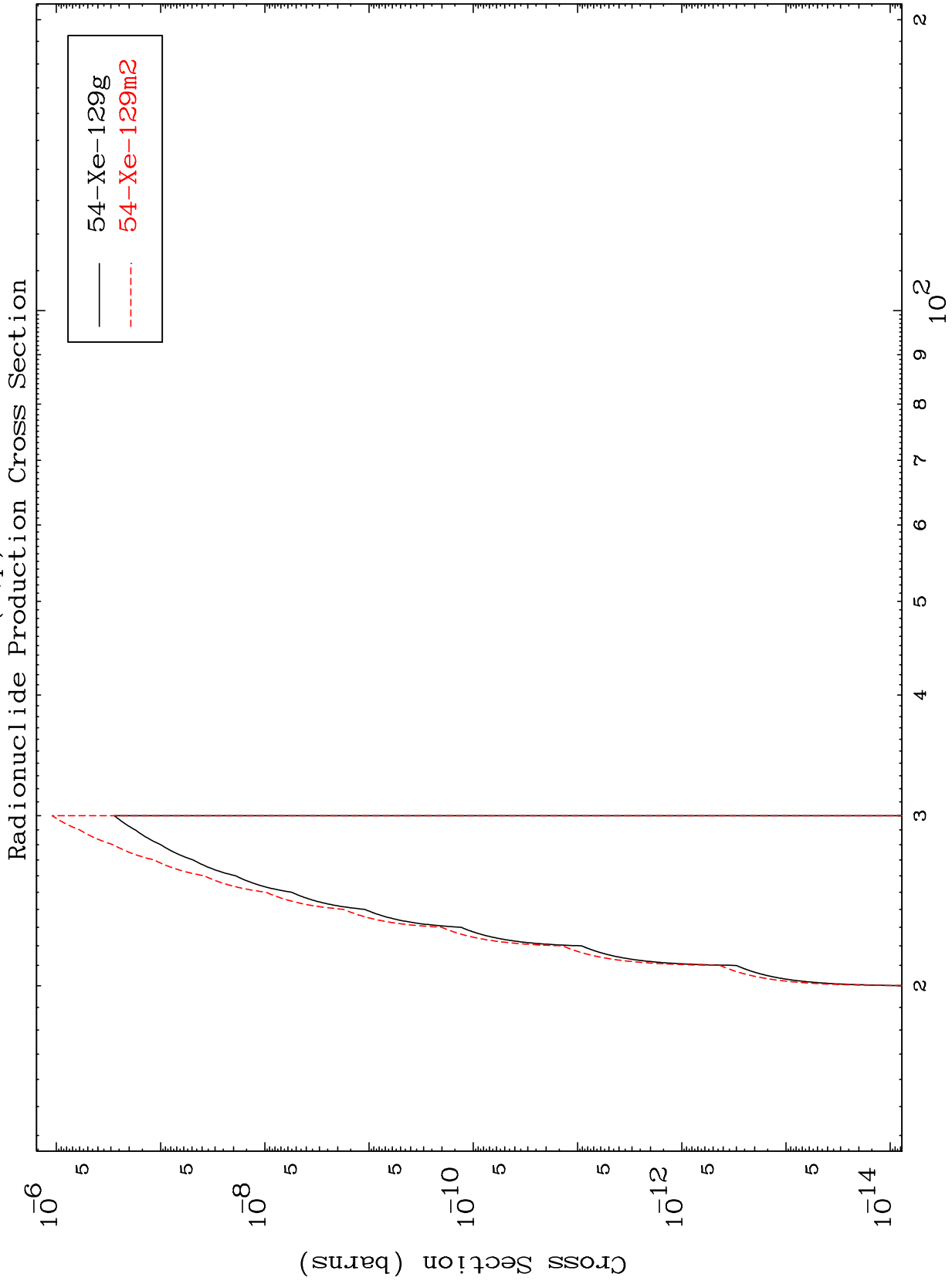
Incident Energy (MeV)

56-Ba-132

MAT 5631

(n,p) t

56-Ba-132



141

56-Ba-132