

Program EVALPLOT  
(Version 2021-1)

by

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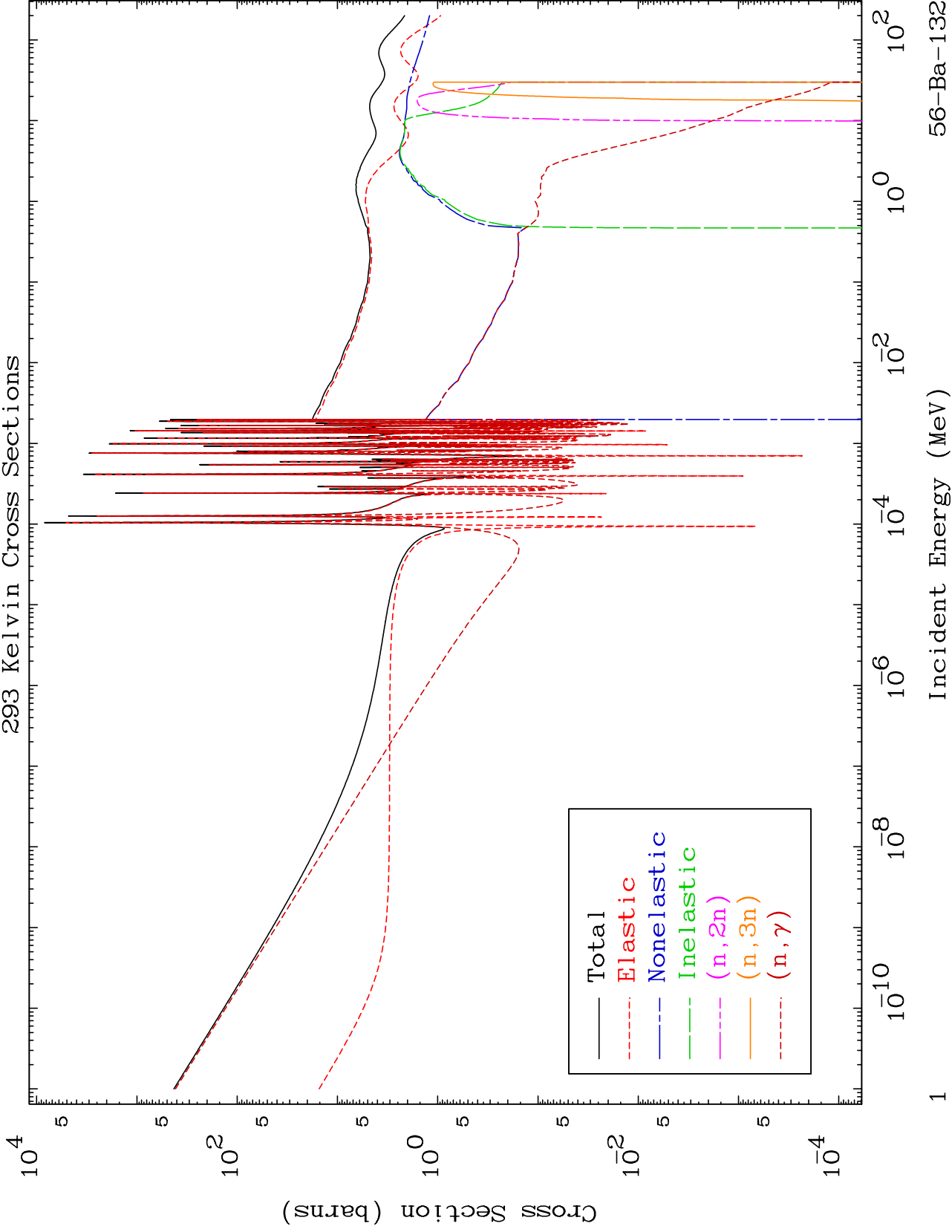
Press Mouse Button to Start

MAT 5631

Neutron Major

293 Kelvin Cross Sections

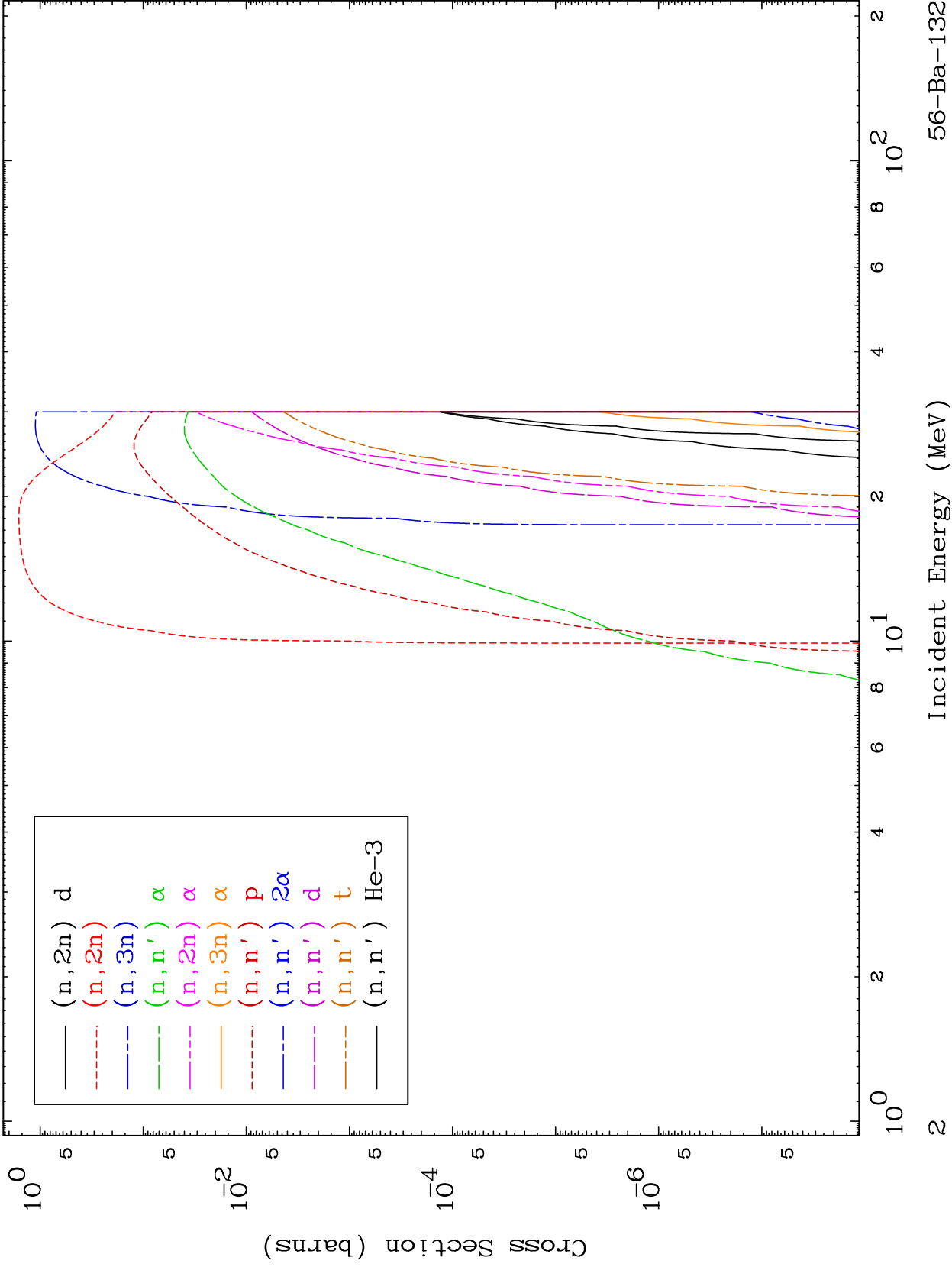
56-Ba-132



MAT 5631

Neutron Absorption  
293 Kelvin Cross Sections

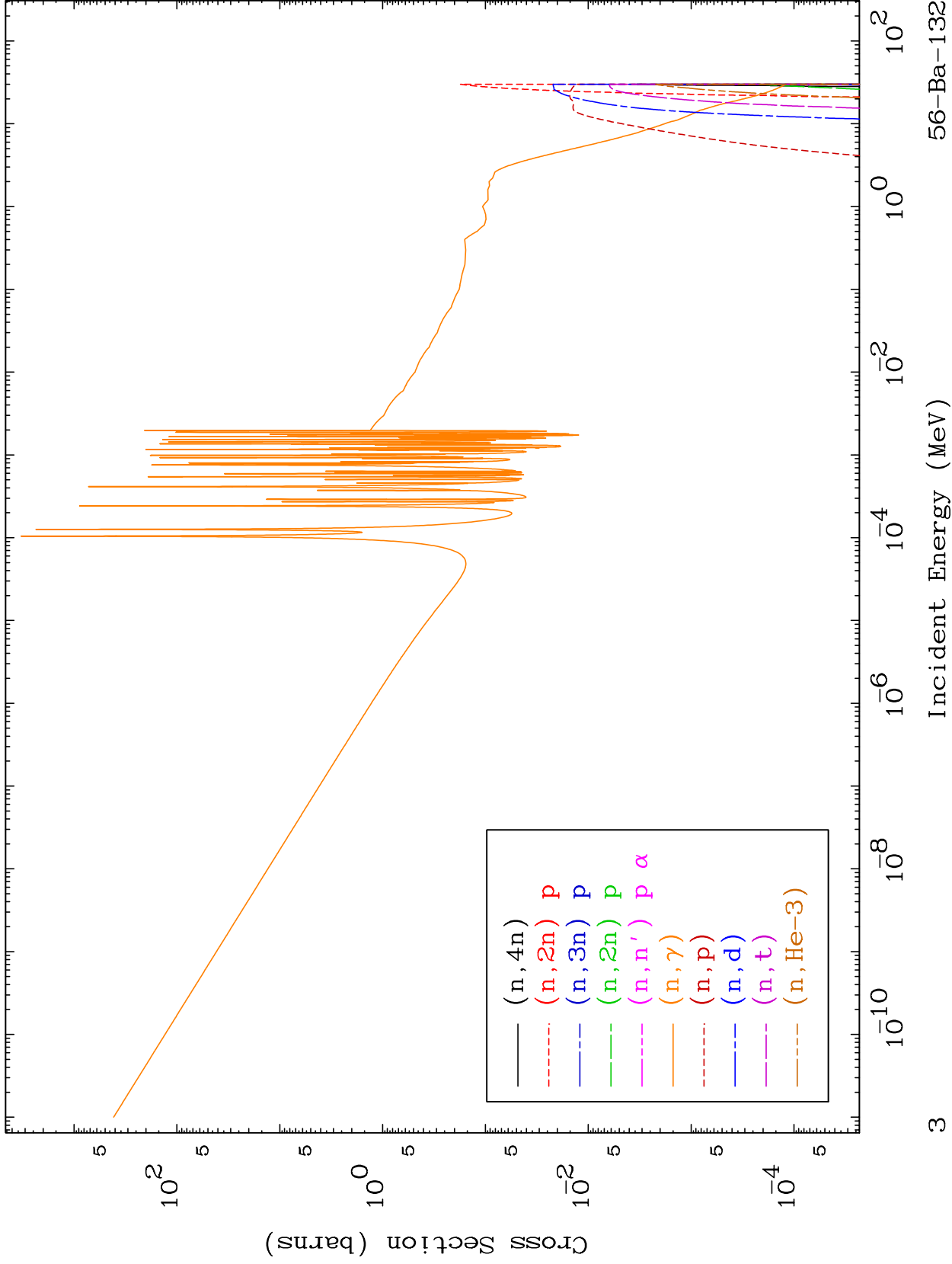
56-Ba-132



MAT 5631

Neutron Absorption  
293 Kelvin Cross Sections

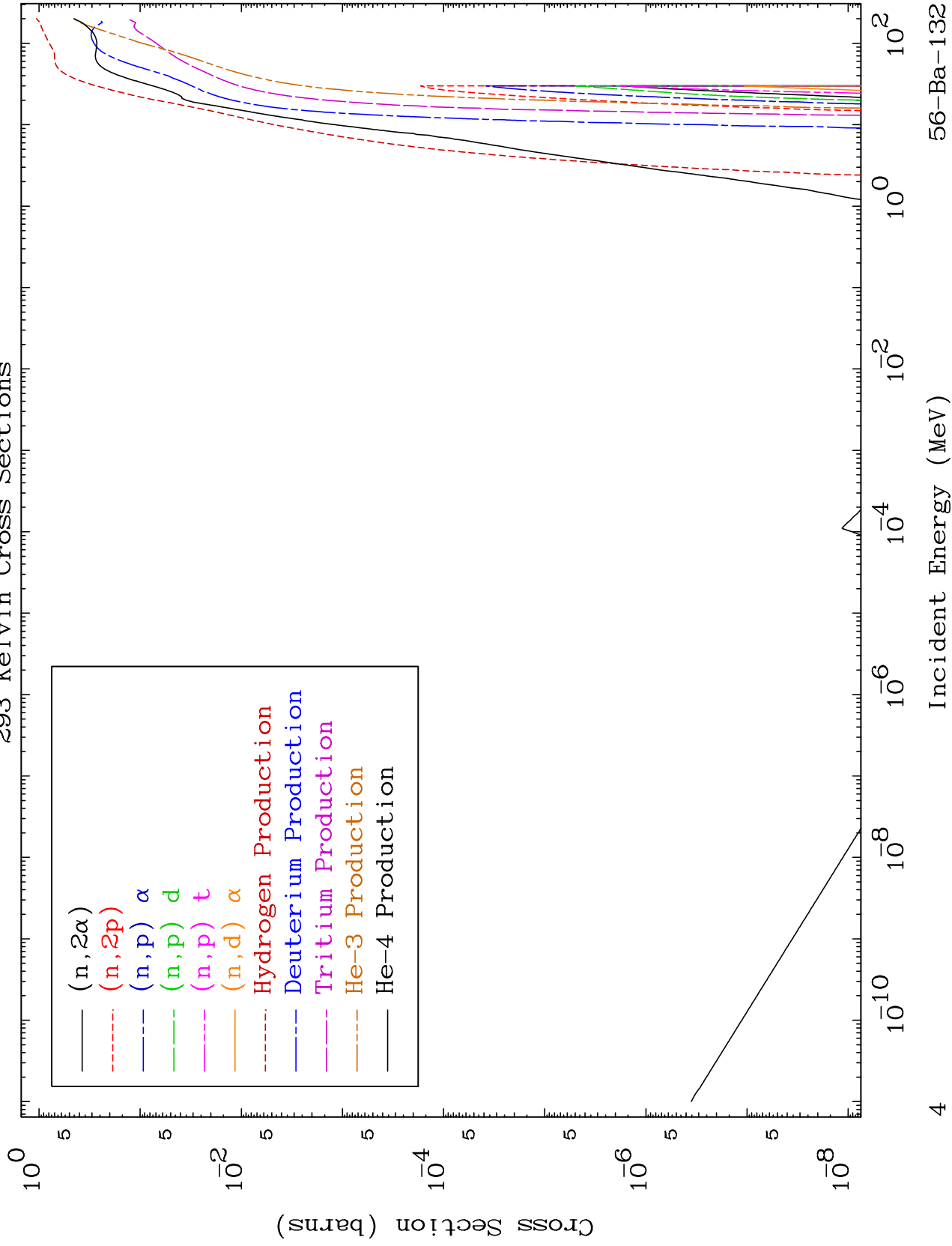
56-Ba-132



MAT 5631

Neutron Absorption  
293 Kelvin Cross Sections

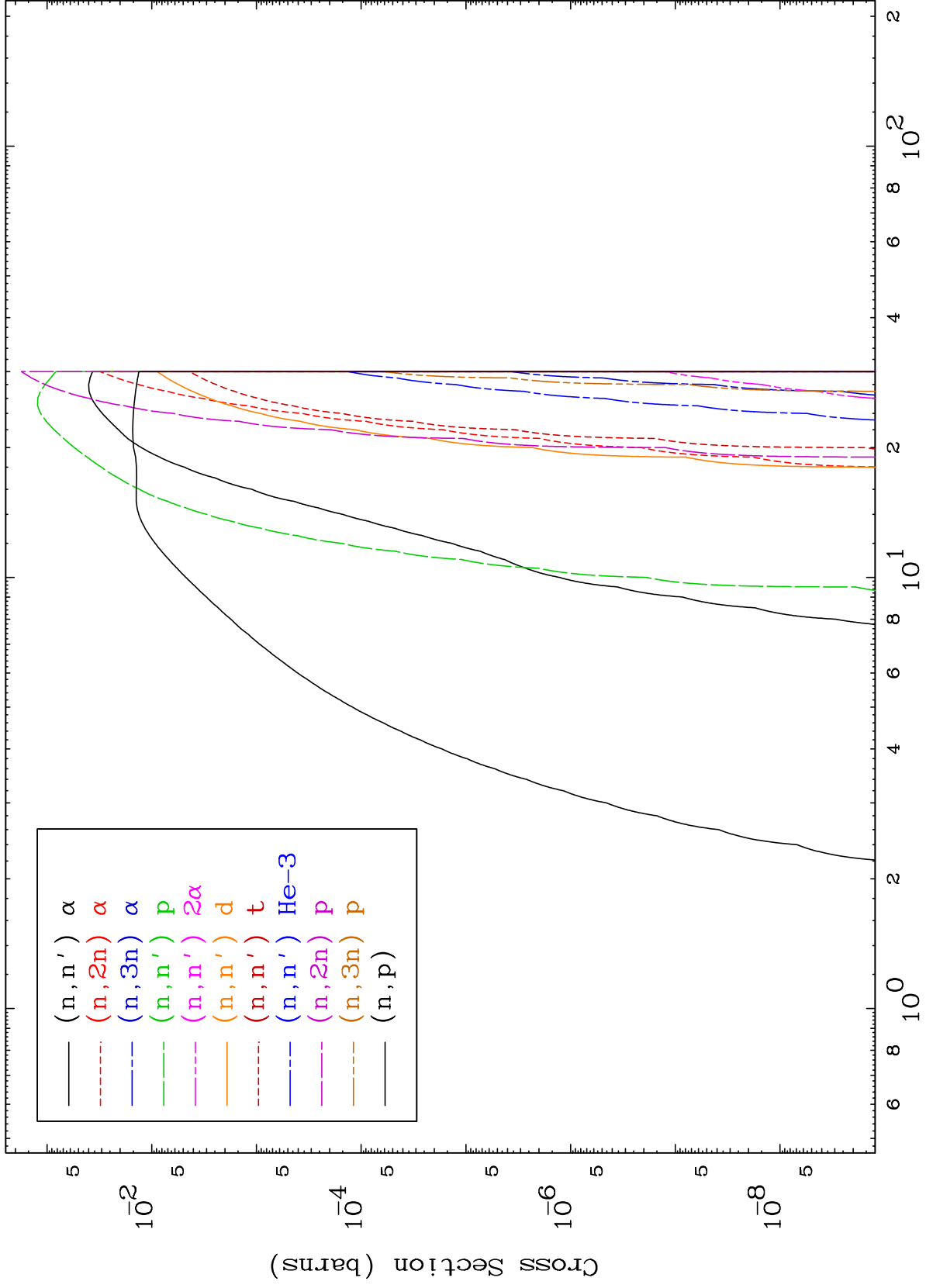
56-Ba-132



MAT 5631

Charged Particle  
293 Kelvin Cross Sections

56-Ba-132



5

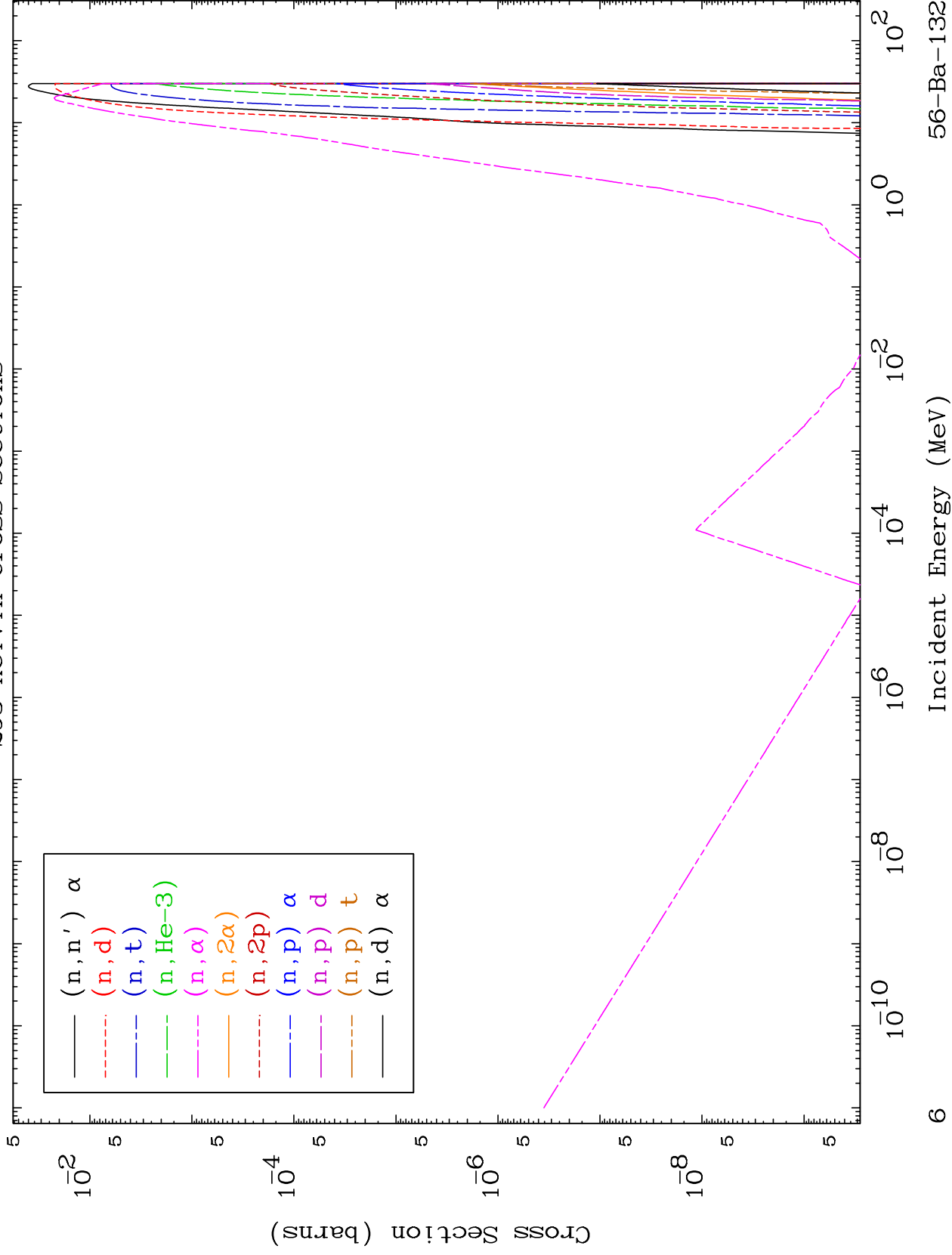
Incident Energy (MeV)

56-Ba-132

MAT 5631

Charged Particle  
293 Kelvin Cross Sections

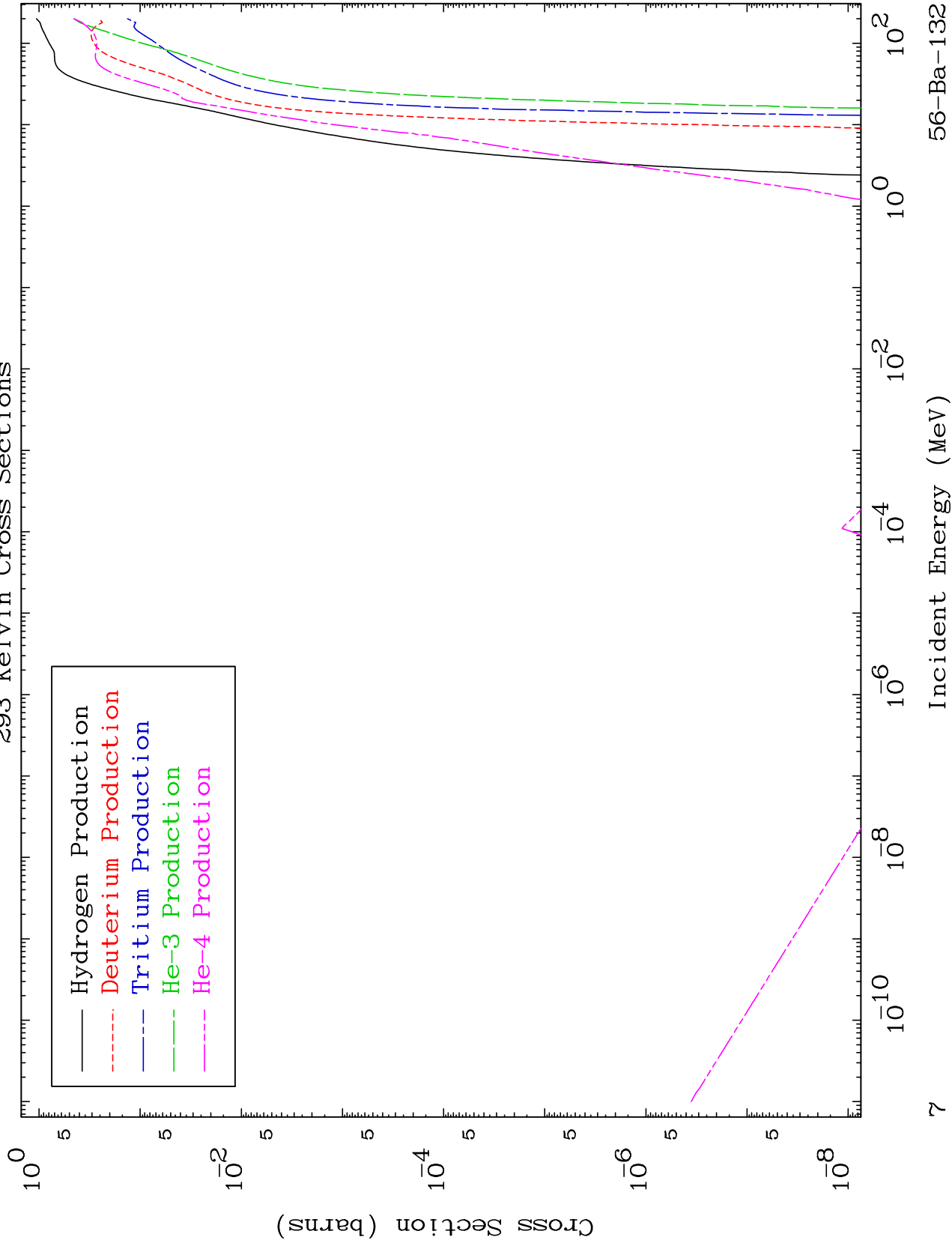
56-Ba-132



MAT 5631

Particle Production  
293 Kelvin Cross Sections

56-Ba-132

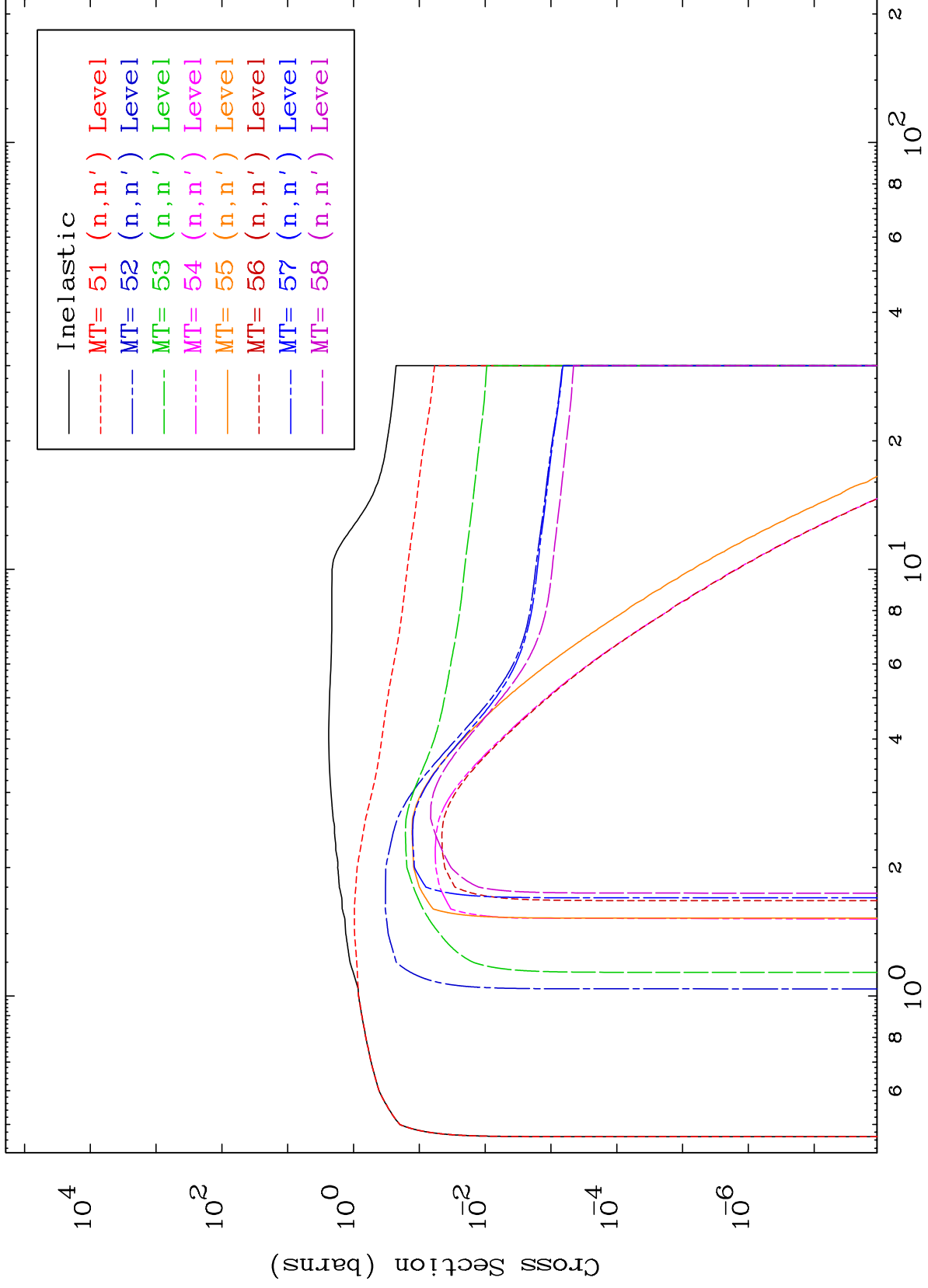


MAT 5631

(n,n') Levels

56-Ba-132

293 Kelvin Cross Sections



8

Incident Energy (MeV)

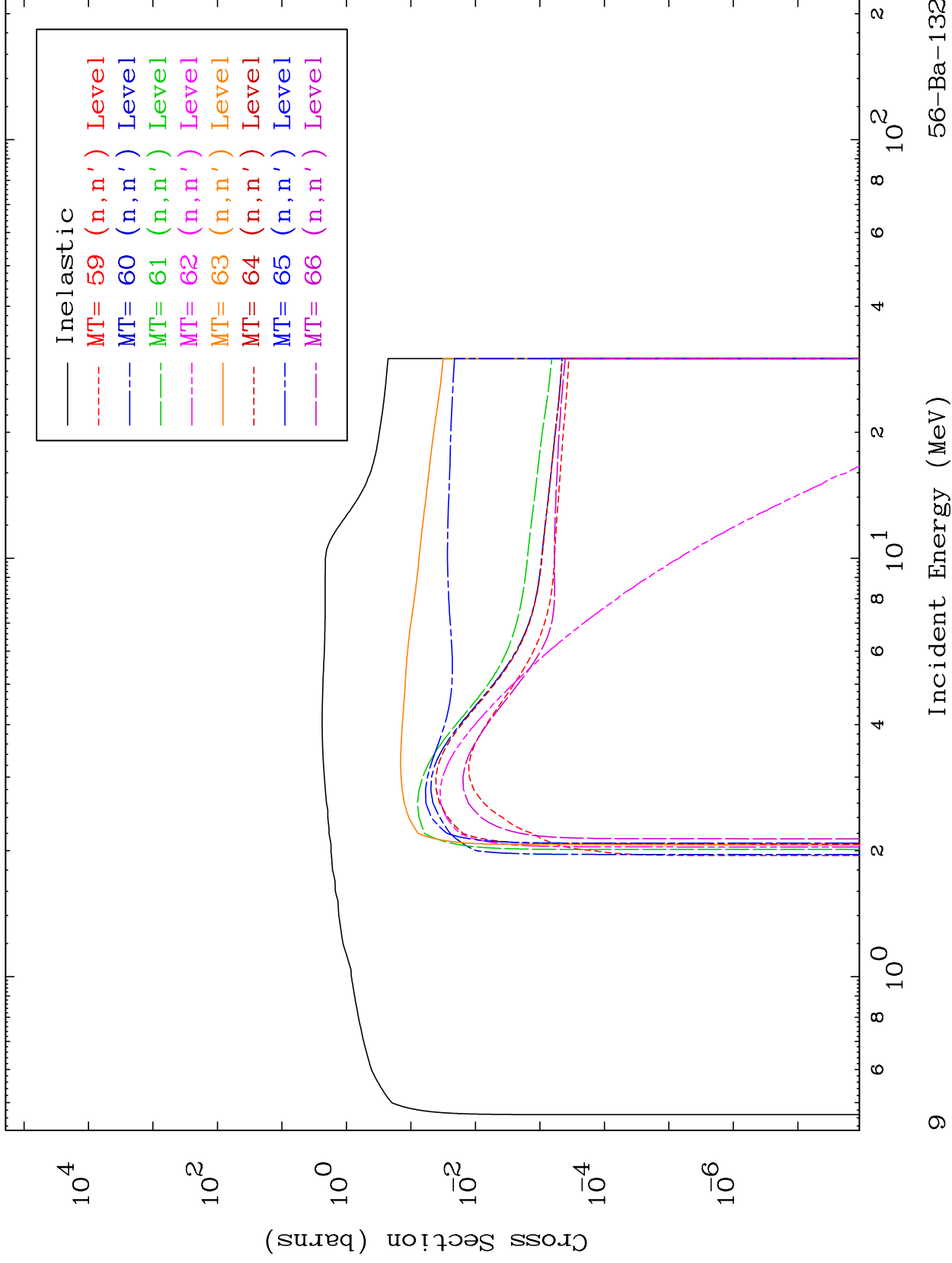
56-Ba-132

MAT 5631

(n,n') Levels

293 Kelvin Cross Sections

56-Ba-132

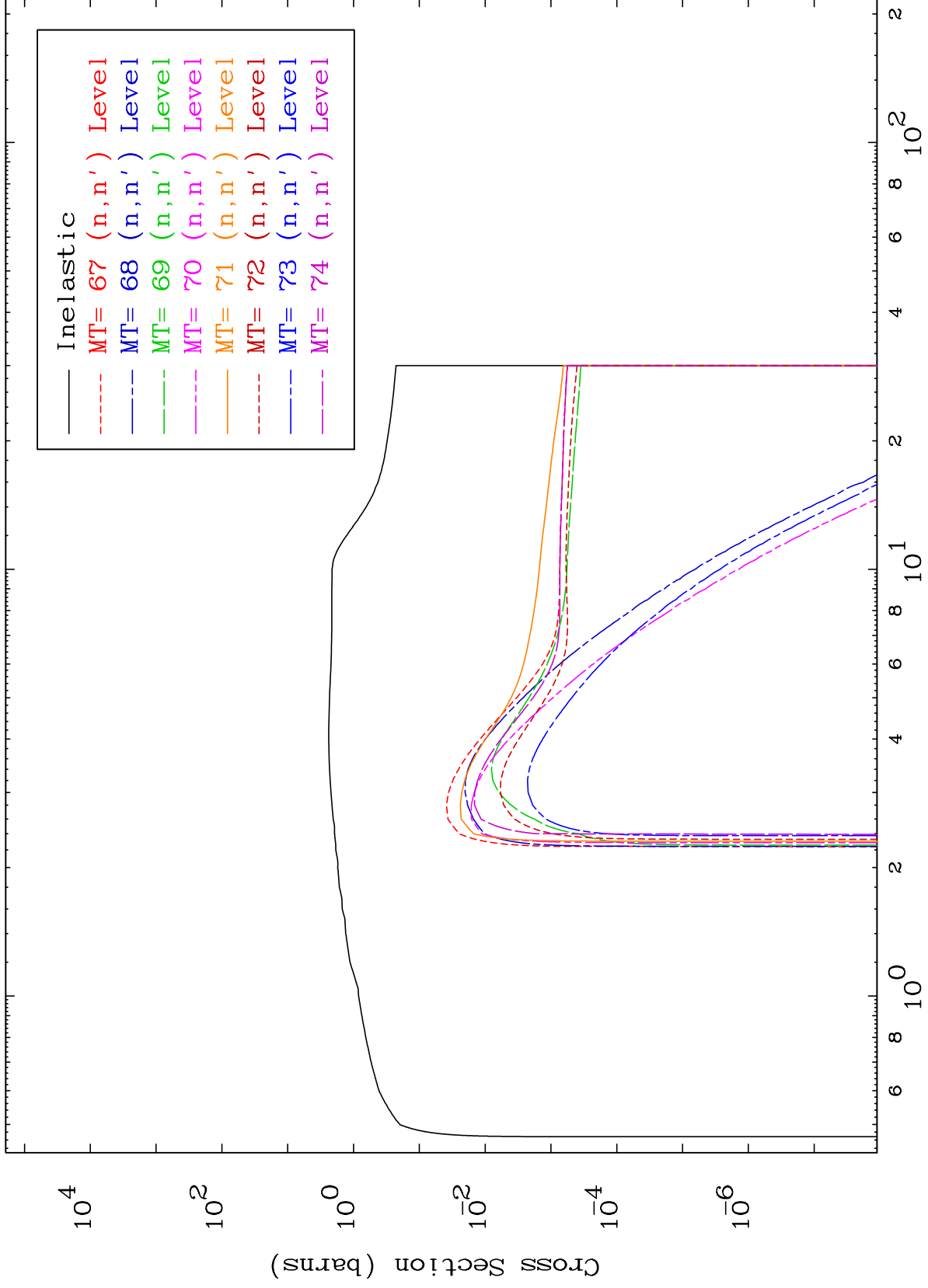


MAT 5631

(n,n') Levels

56-Ba-132

293 Kelvin Cross Sections



10

Incident Energy (MeV)

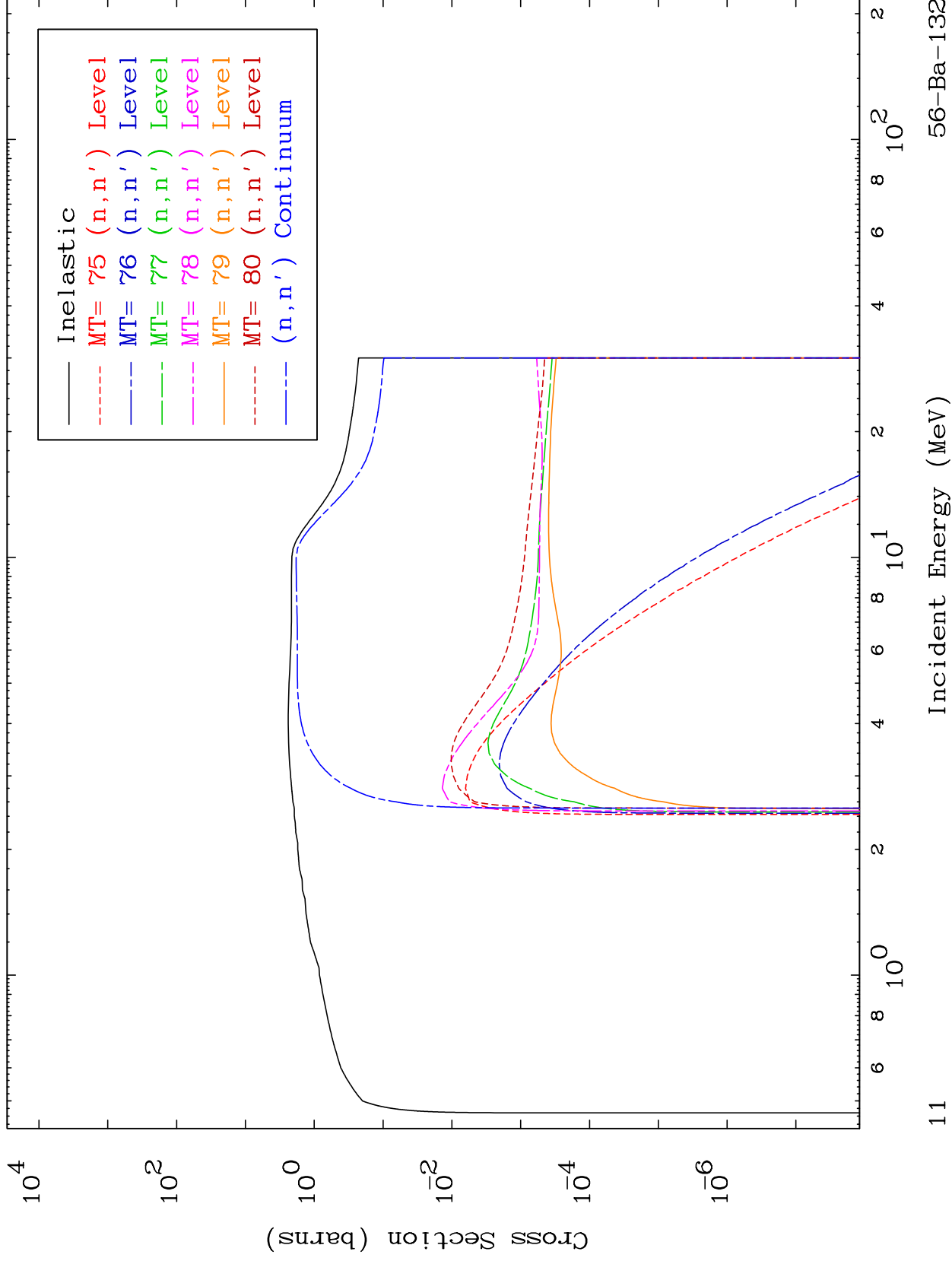
56-Ba-132

MAT 5631

(n,n') Levels

56-Ba-132

293 Kelvin Cross Sections

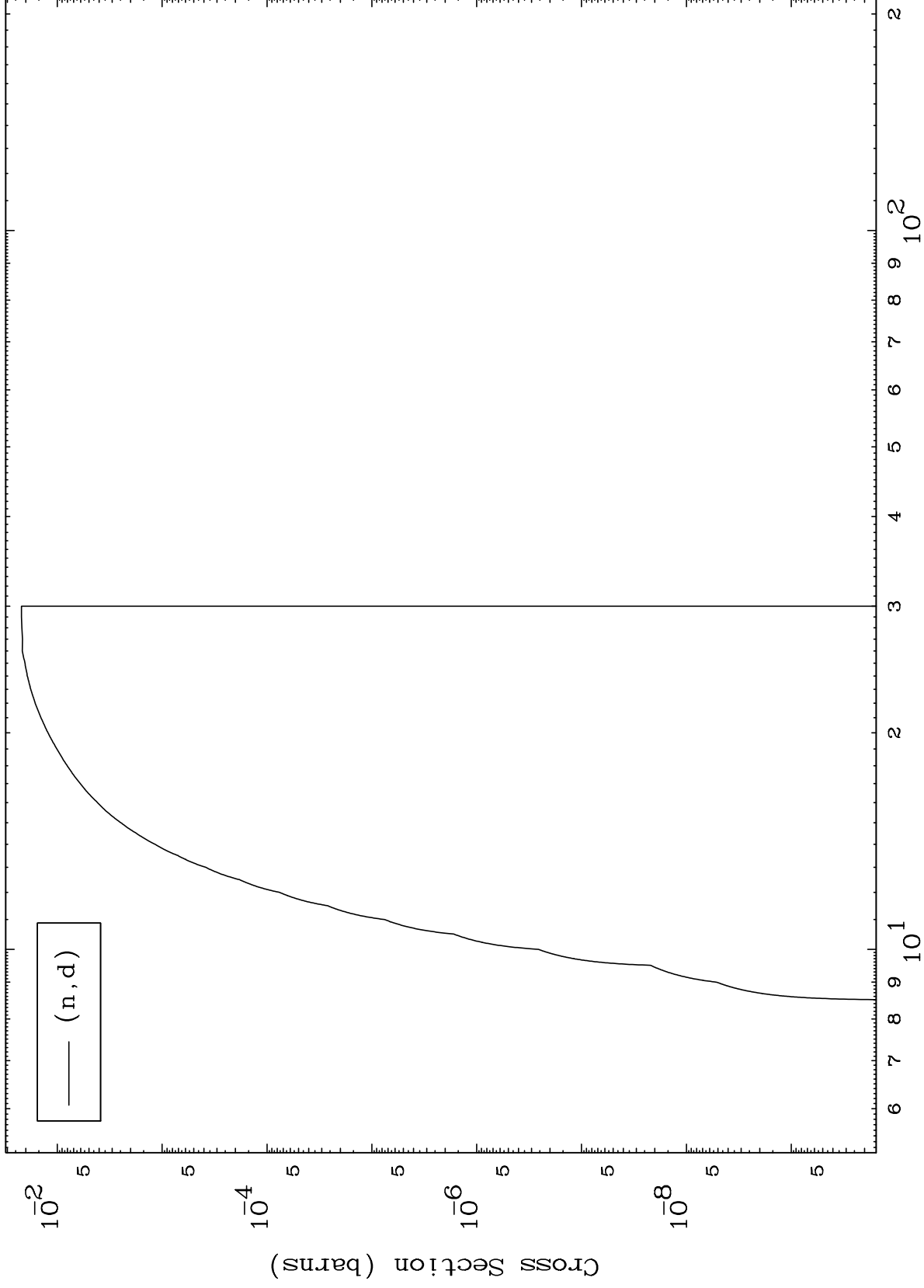




MAT 5631

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-132



13

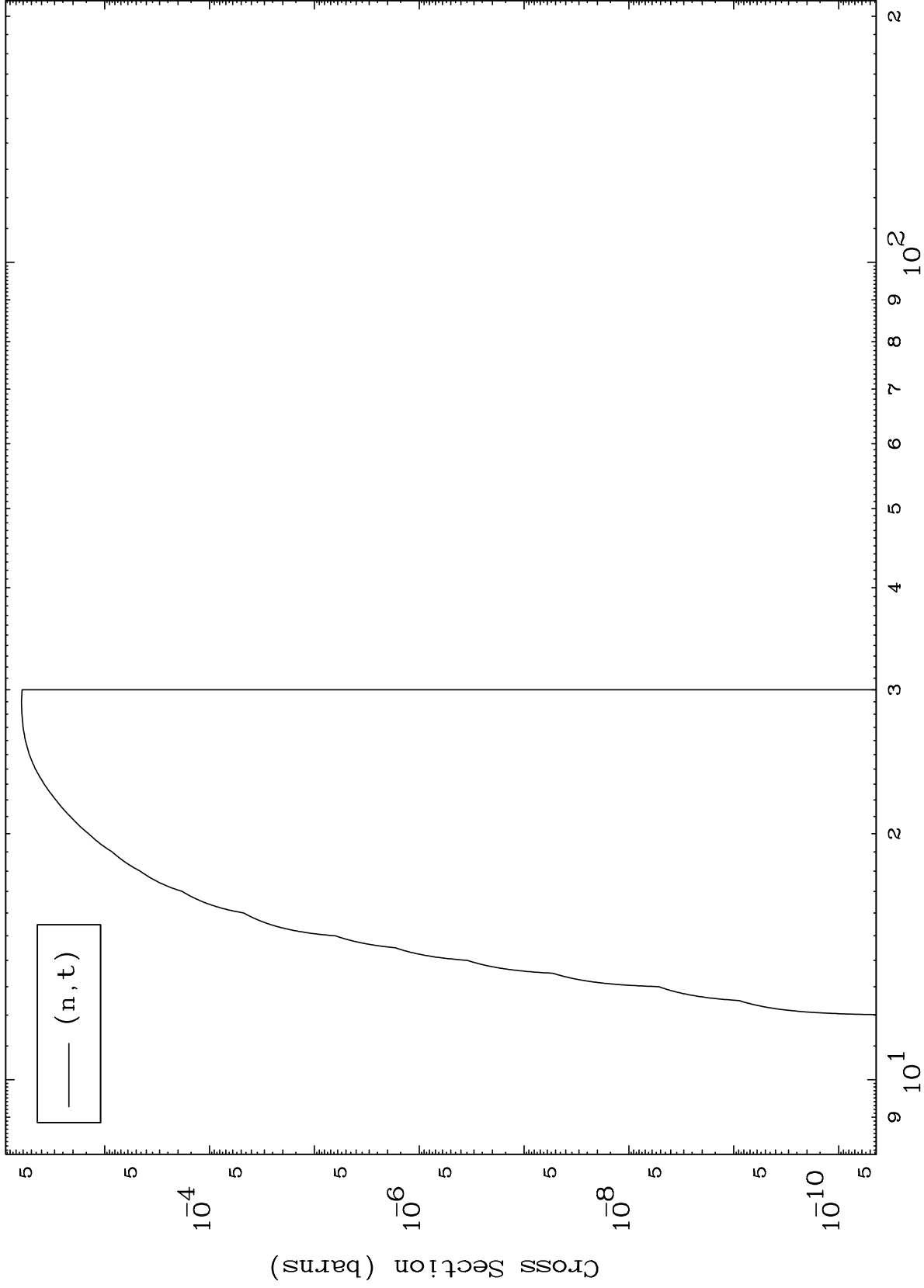
Incident Energy (MeV)

56-Ba-132

MAT 5631

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-132



14

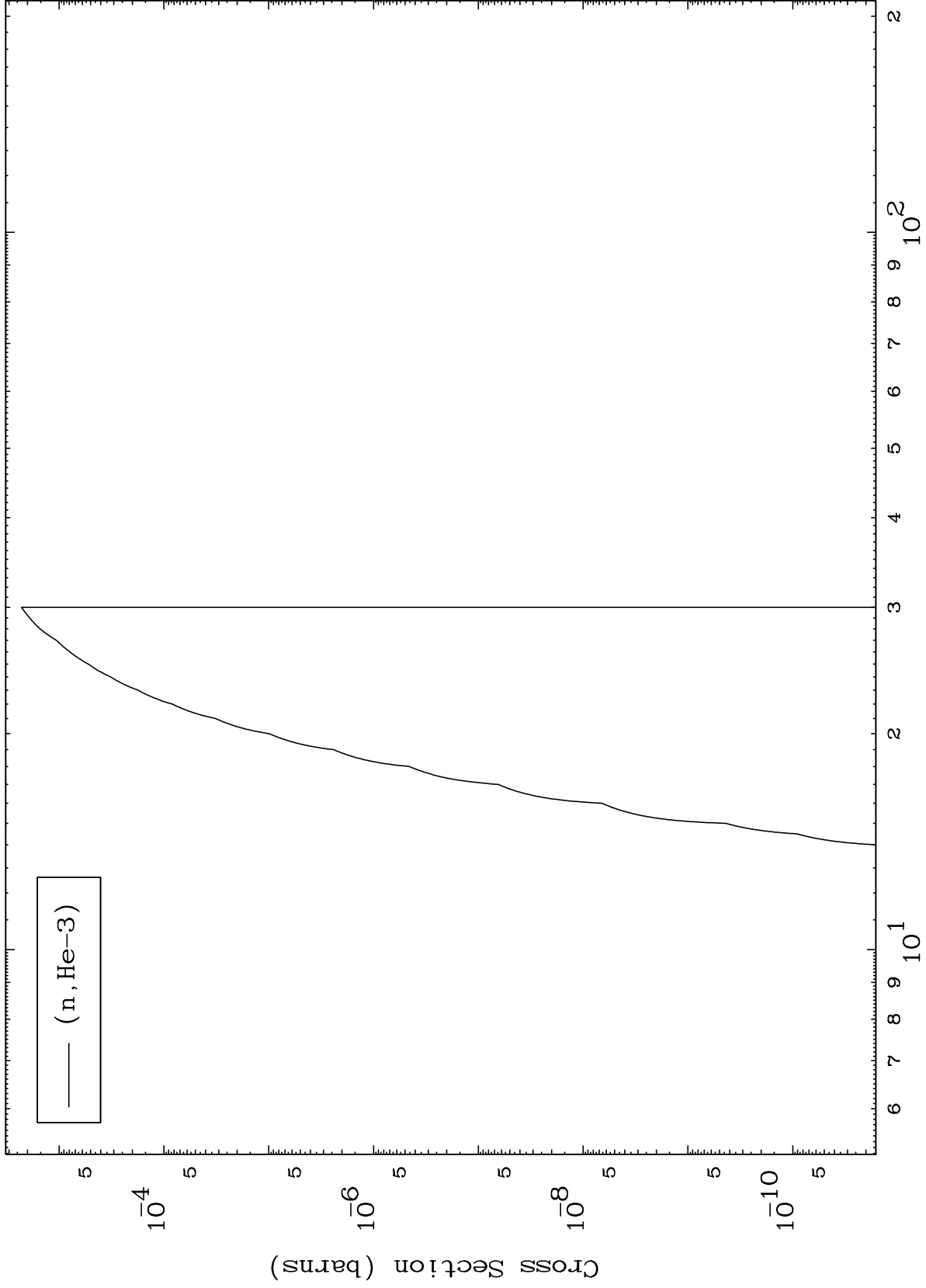
Incident Energy (MeV)

56-Ba-132

MAT 5631

(n,He3) Levels  
293 Kelvin Cross Sections

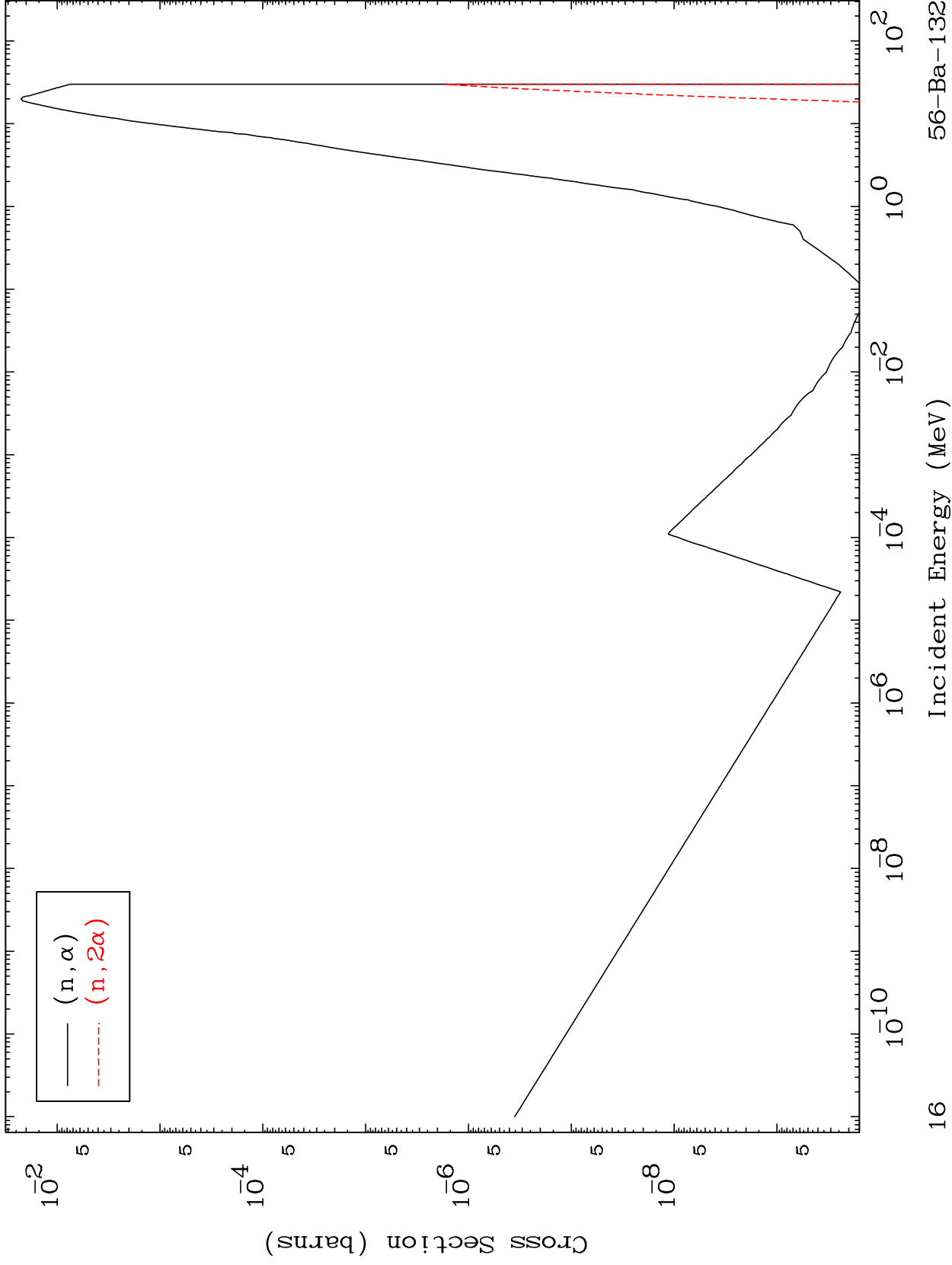
56-Ba-132



MAT 5631

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

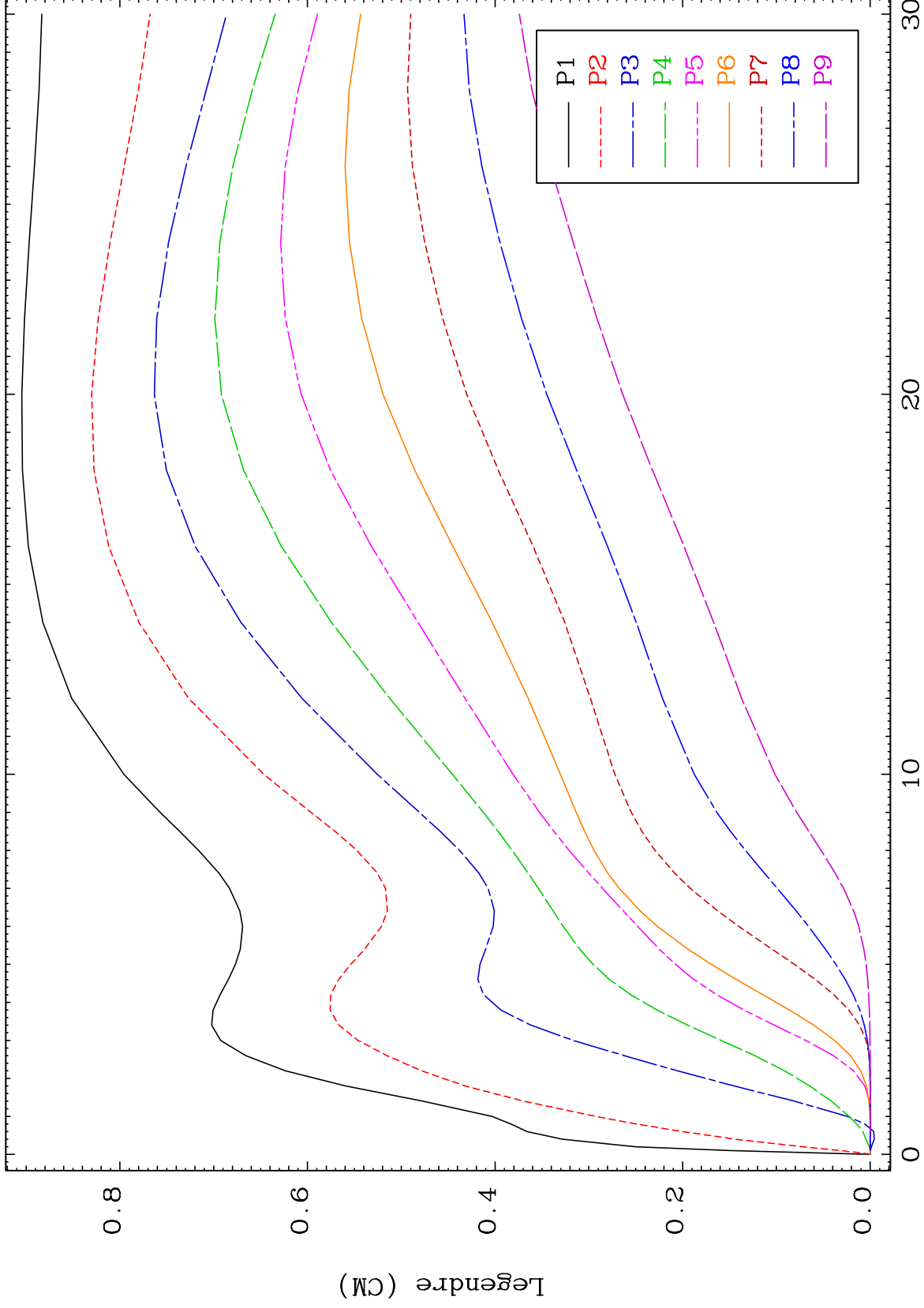
56-Ba-132



MAT 5631

Elastic Legendre Coefficients

56-Ba-132



17

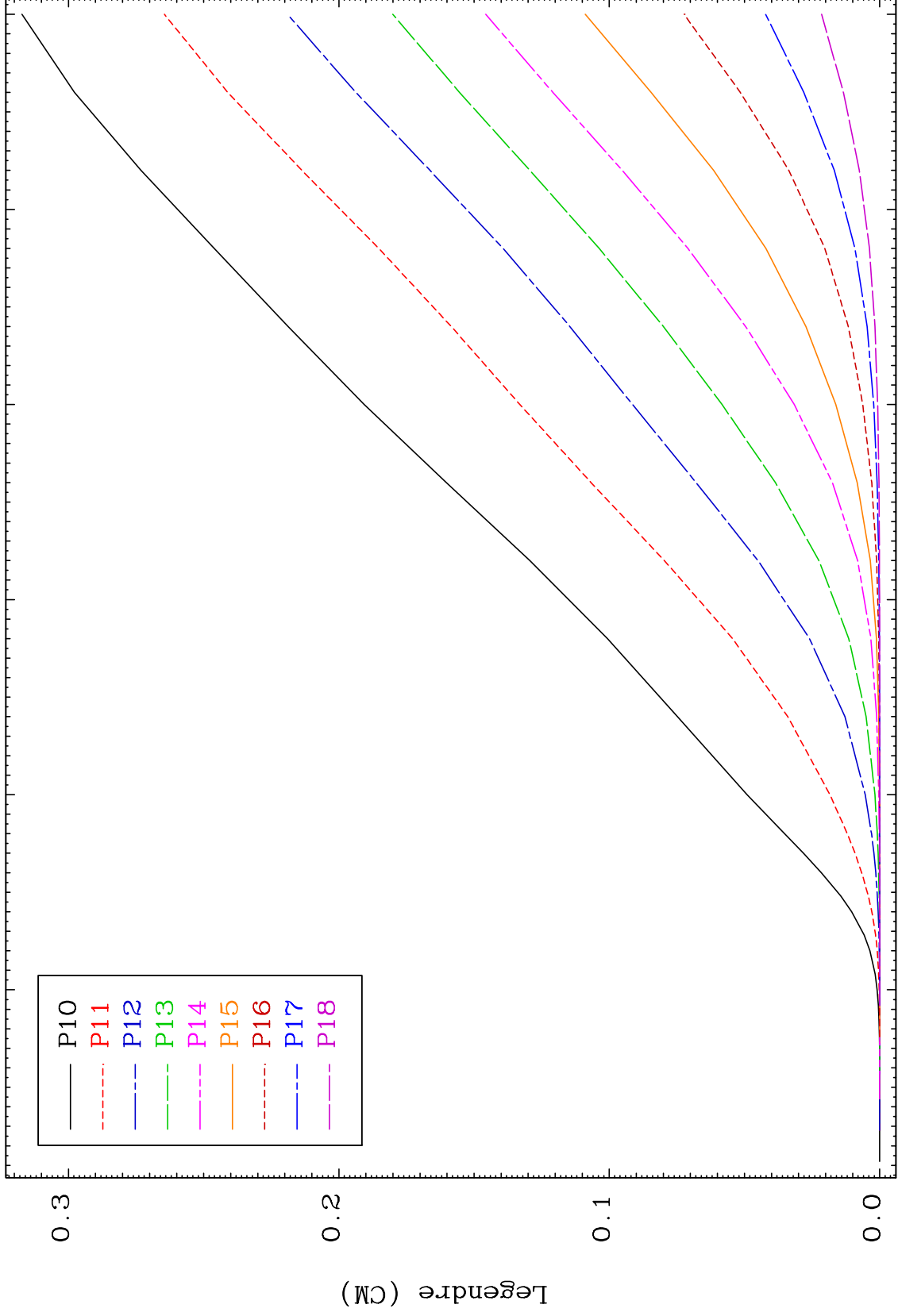
Incident Energy (MeV)

56-Ba-132

MAT 5631

Elastic Legendre Coefficients

56-Ba-132



18

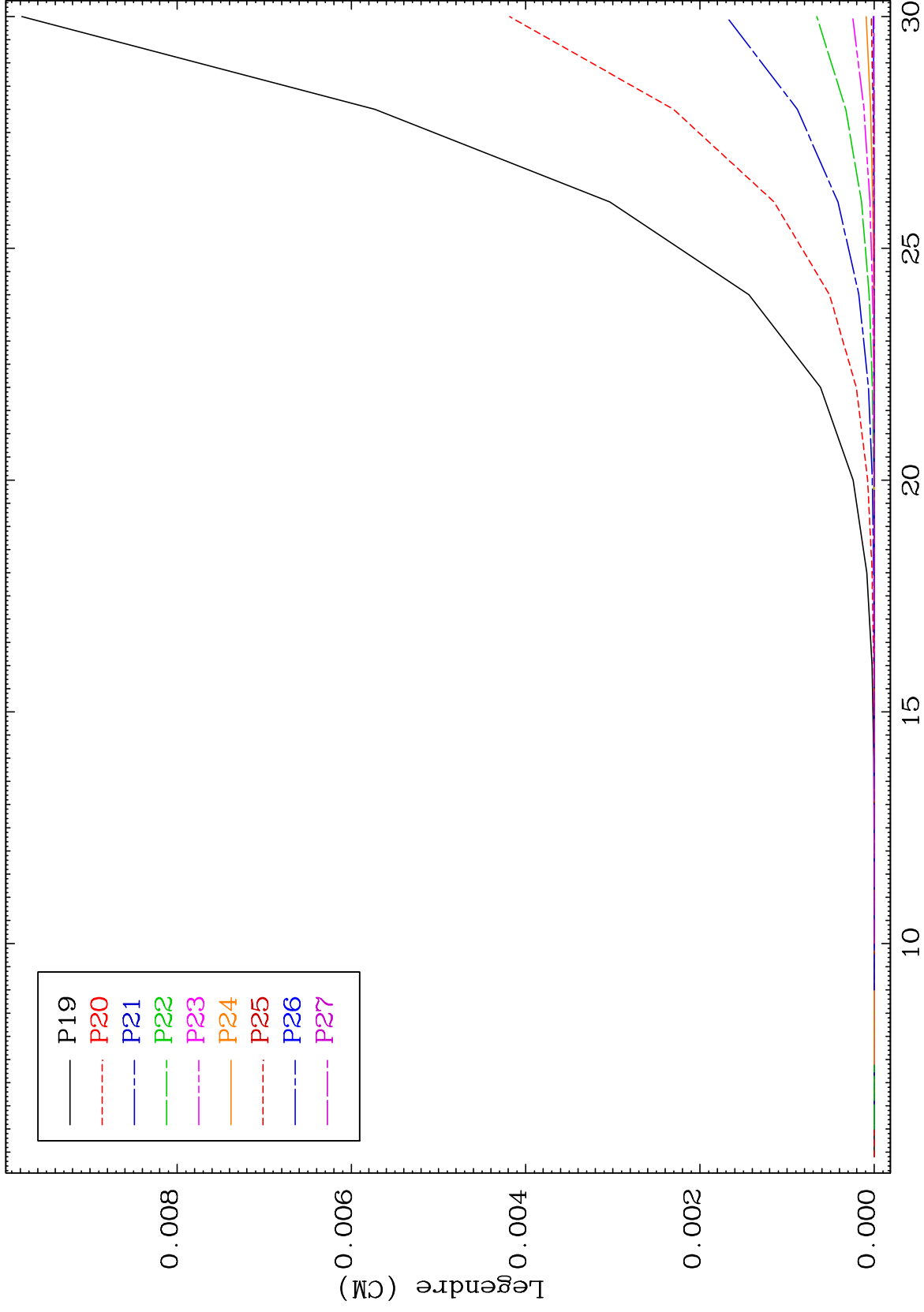
Incident Energy (MeV)

56-Ba-132

MAT 5631

### Elastic Legendre Coefficients

56-Ba-132



19

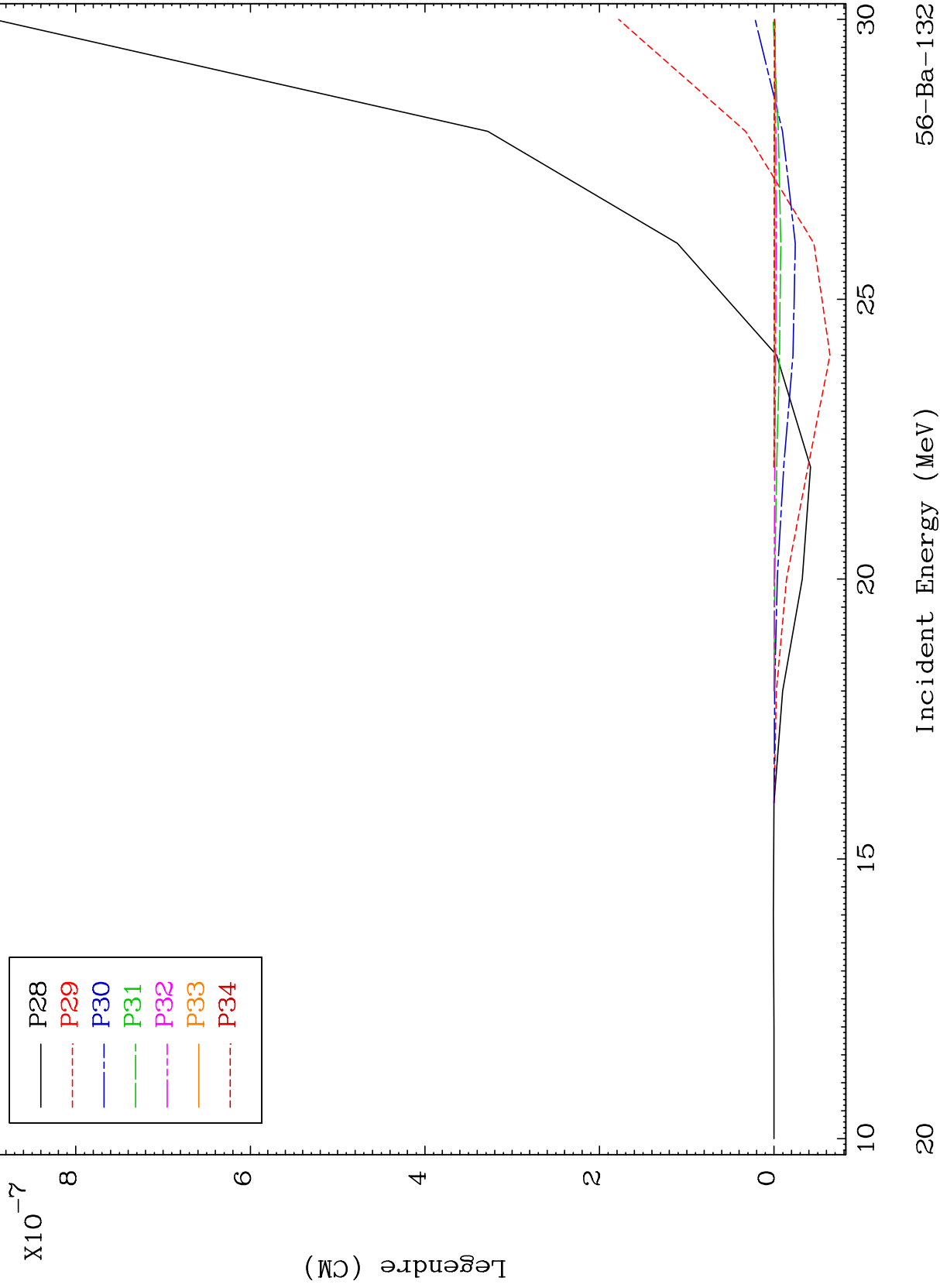
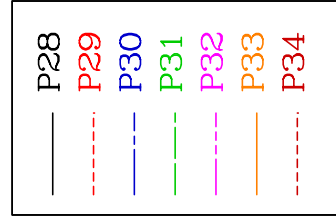
Incident Energy (MeV)

56-Ba-132

MAT 5631

Elastic Legendre Coefficients

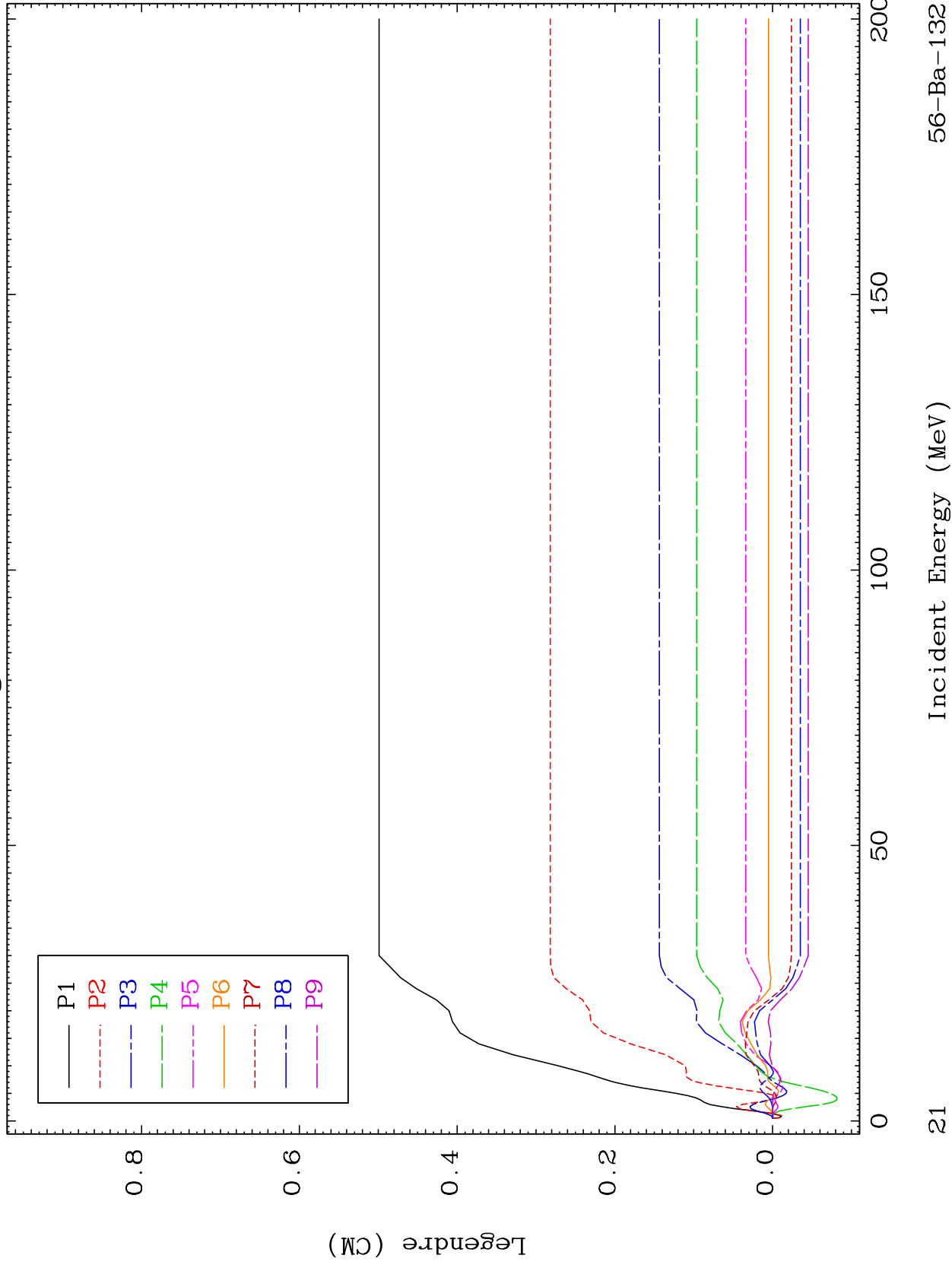
56-Ba-132



MAT 5631

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

56-Ba-132



21

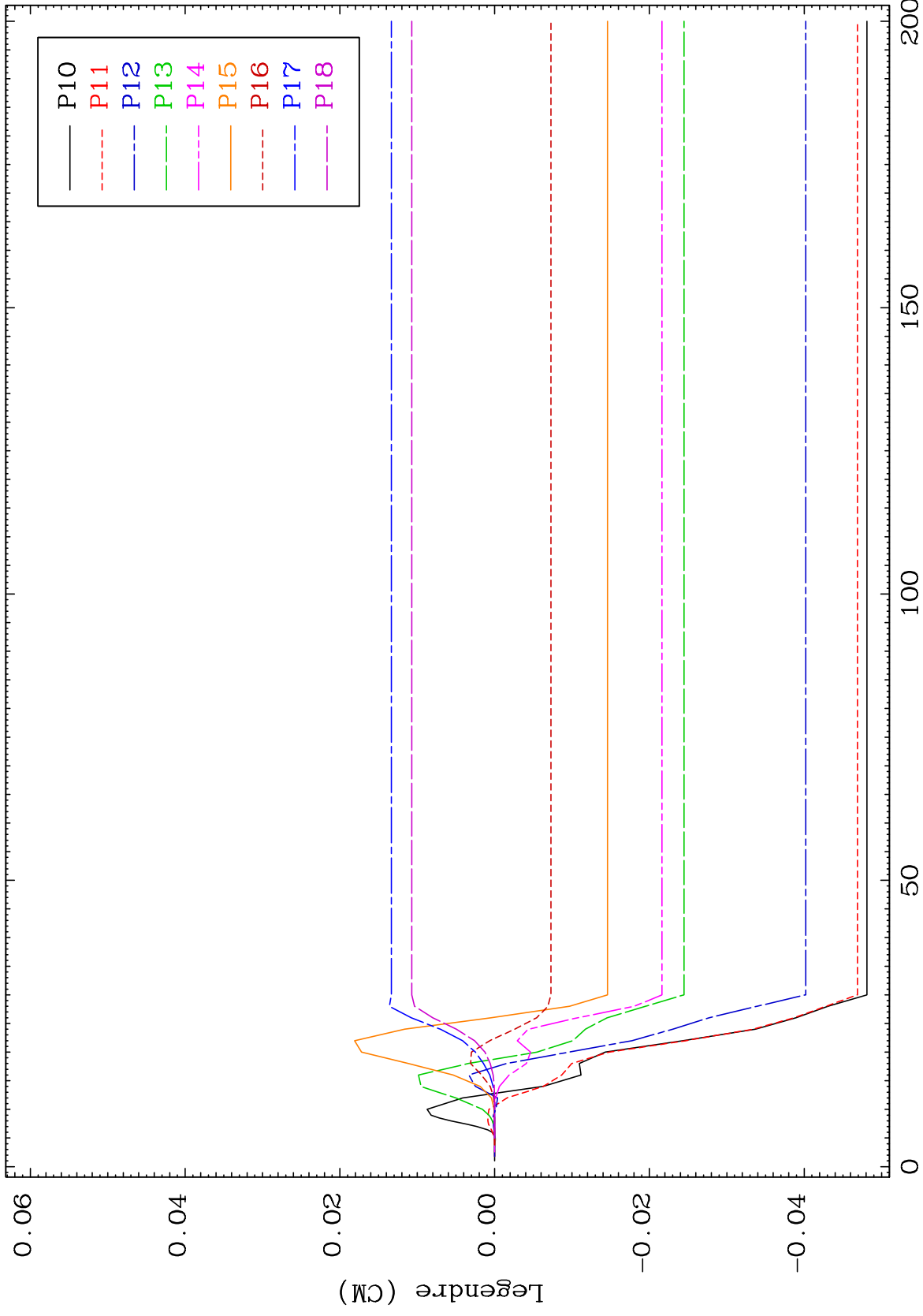
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



22

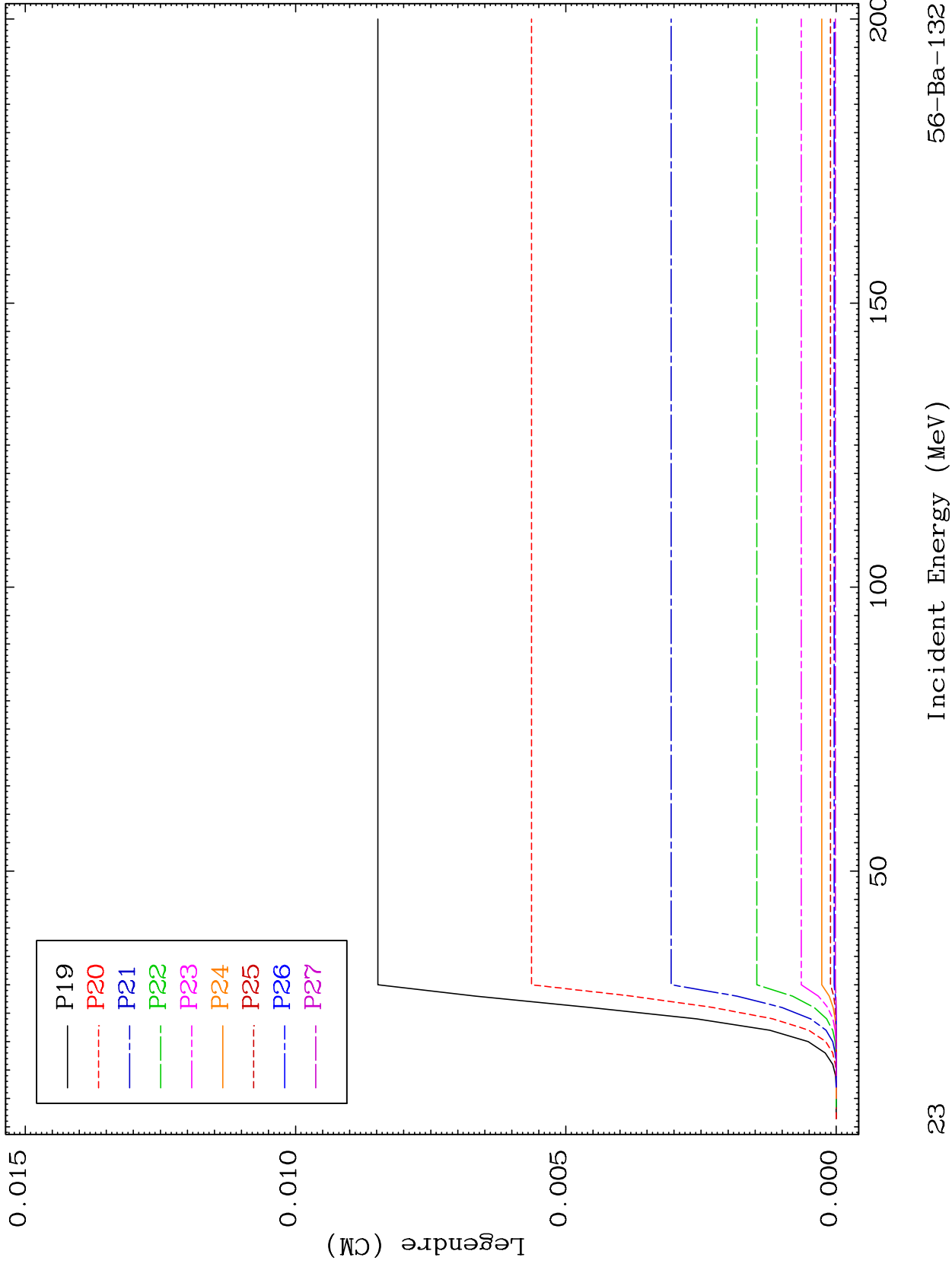
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



23

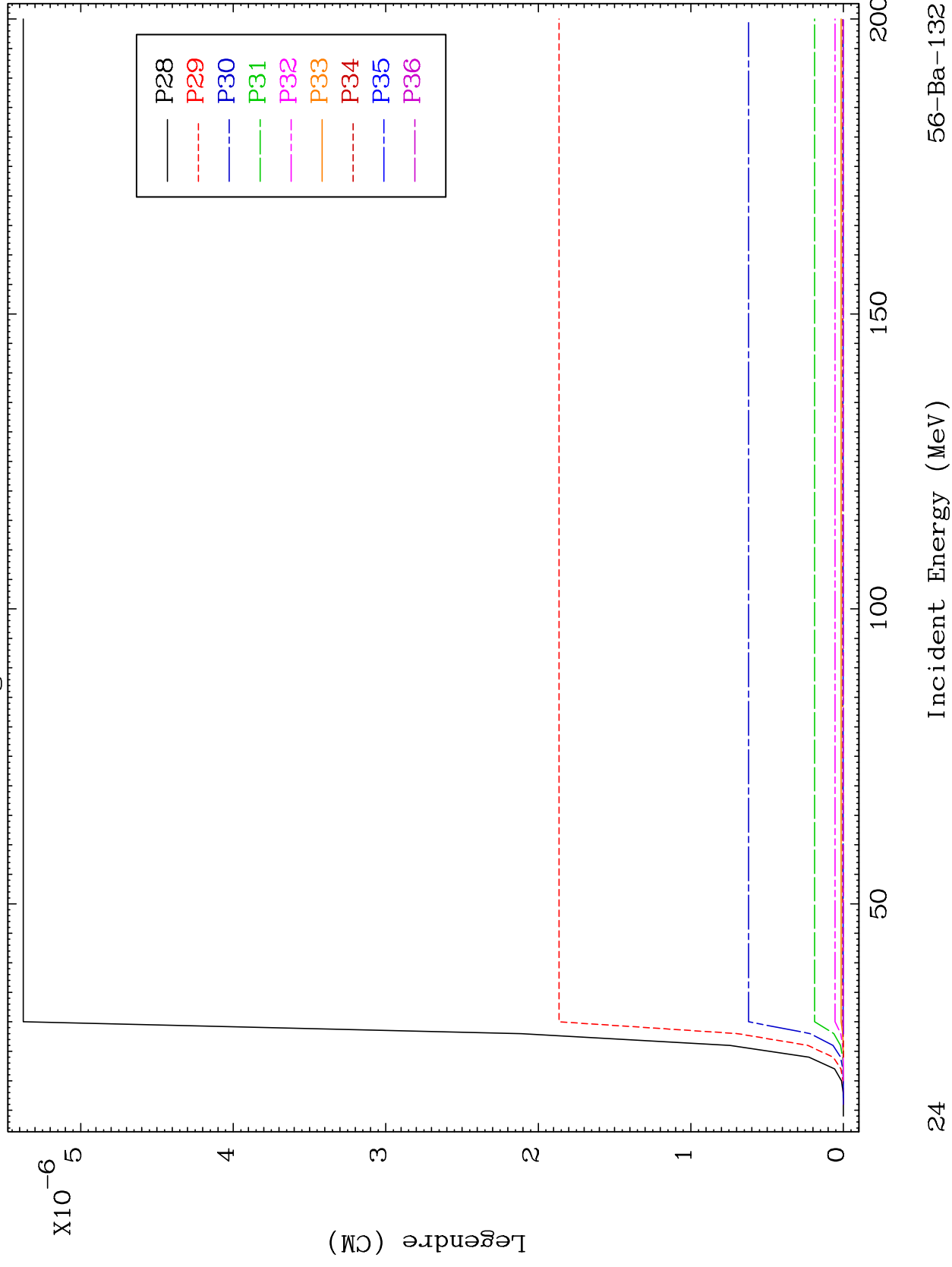
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

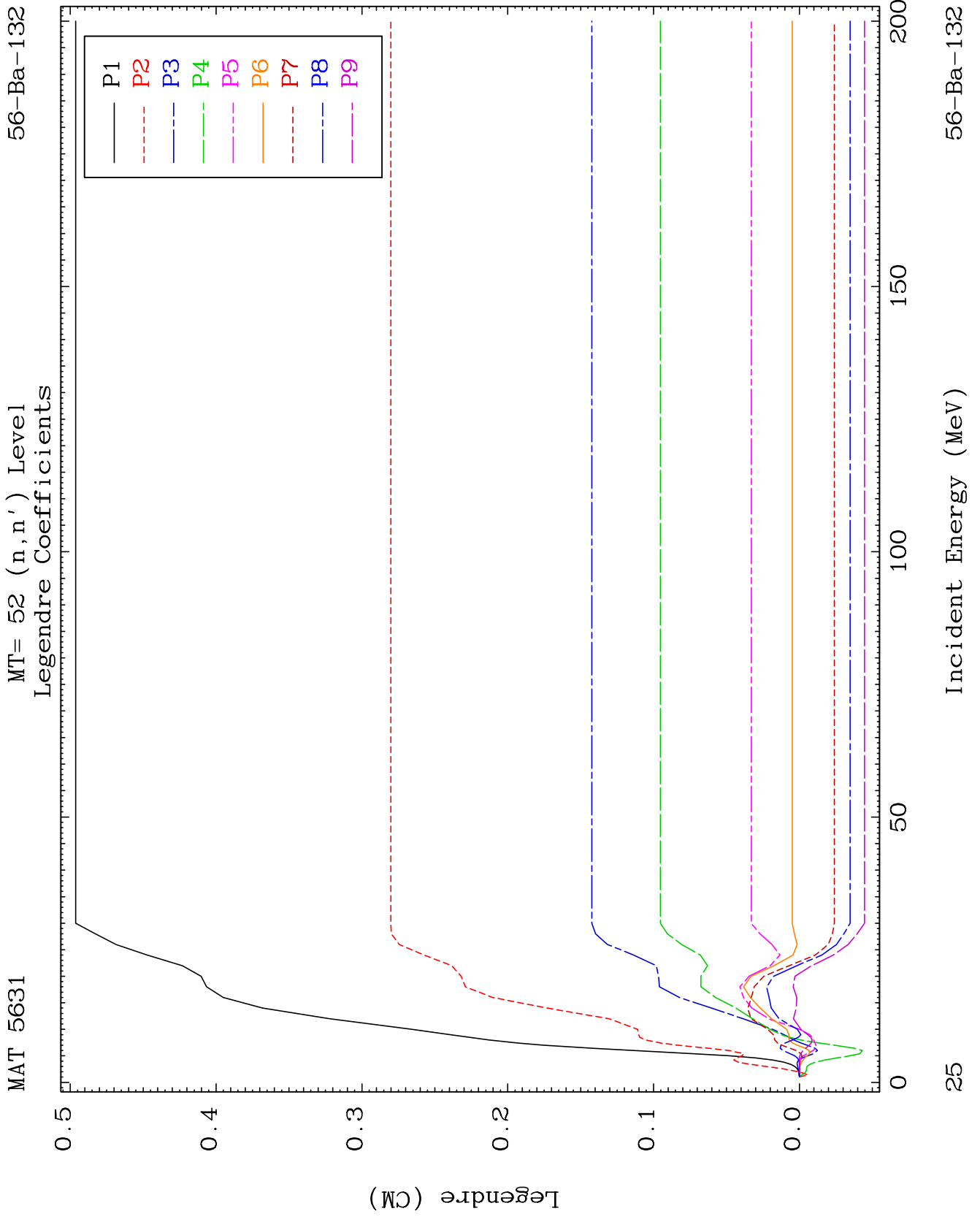
56-Ba-132



24

Incident Energy (MeV)

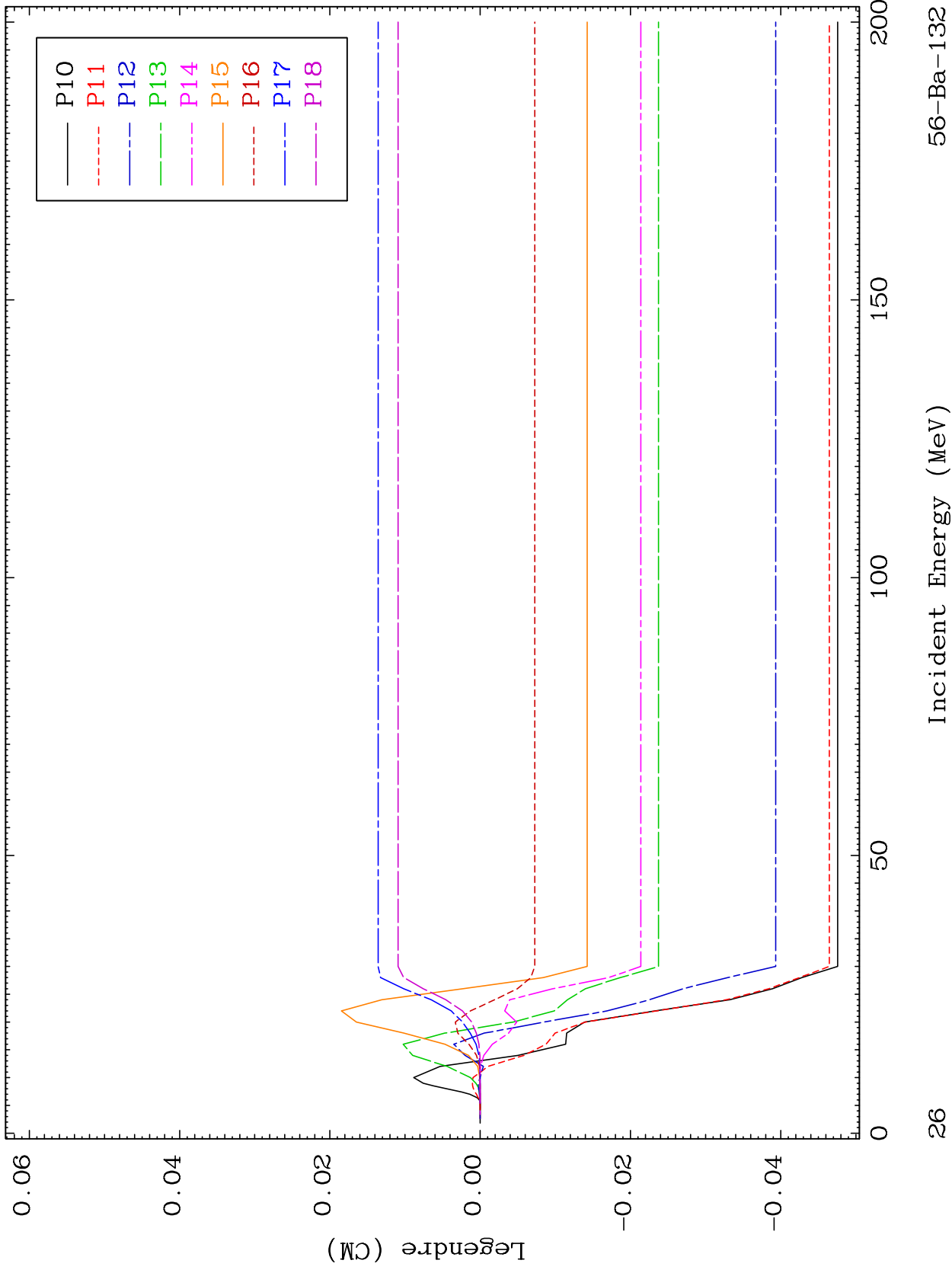
56-Ba-132



MAT 5631

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

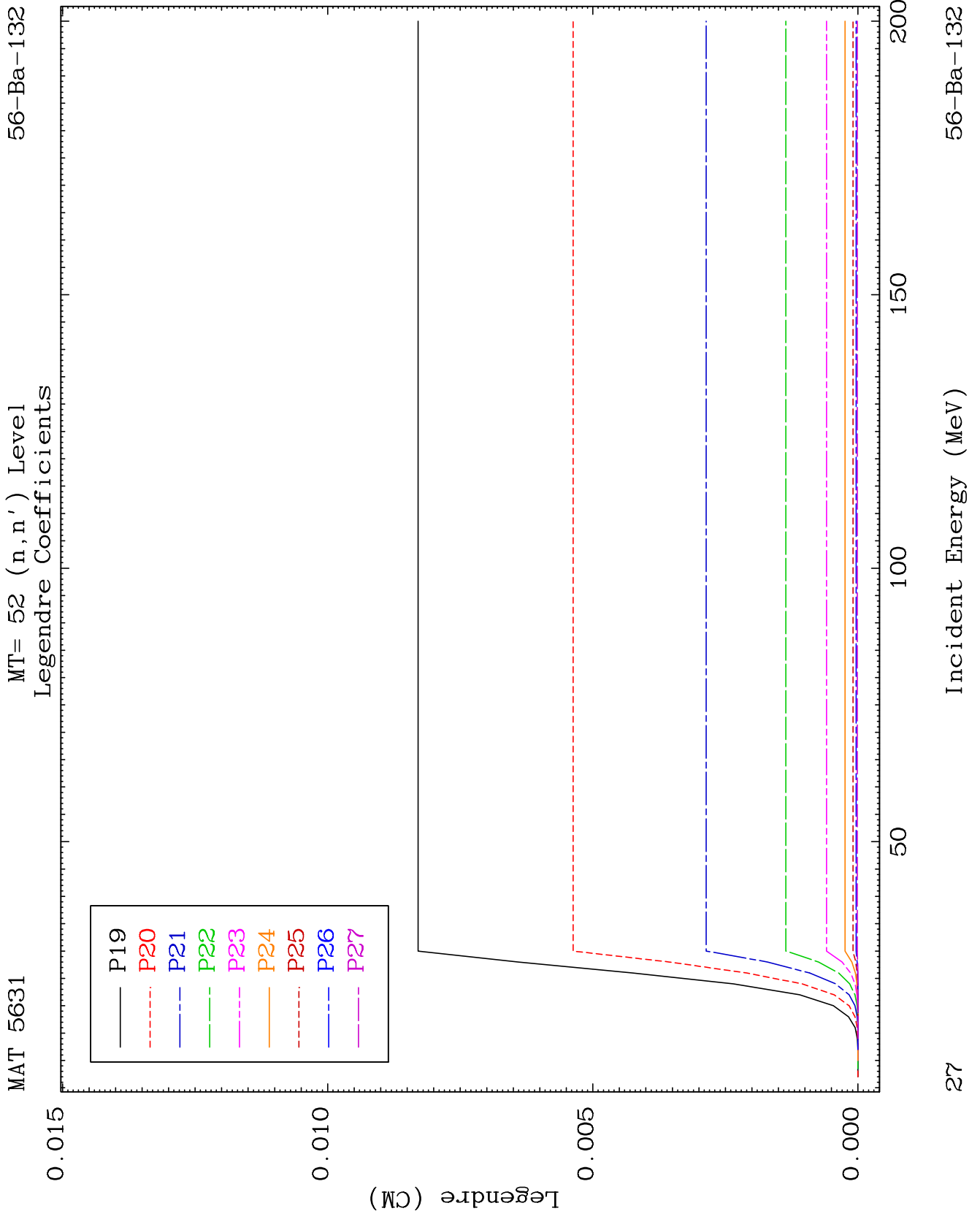
56-Ba-132



56-Ba-132

Incident Energy (MeV)

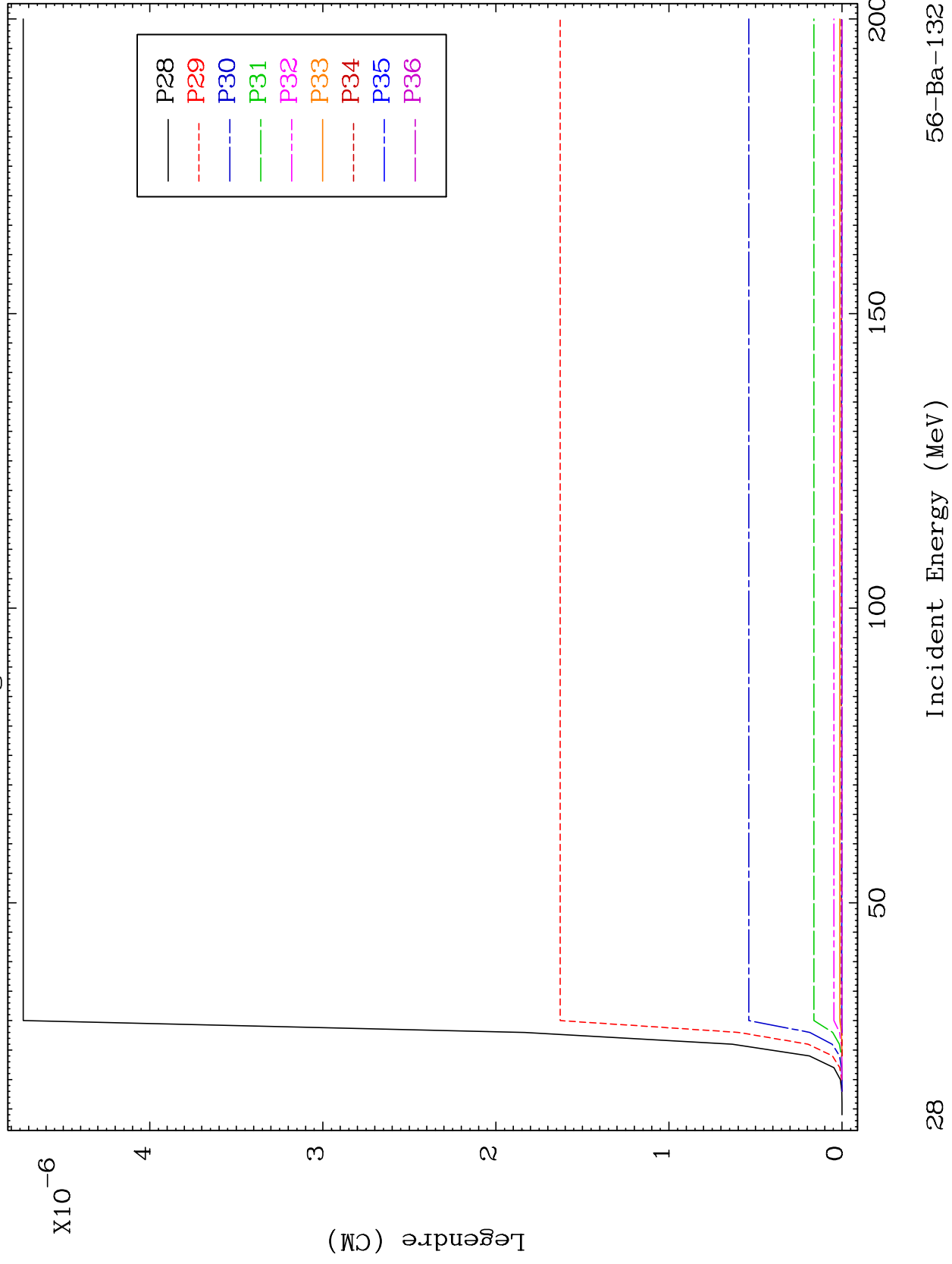
26



MAT 5631

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

56-Ba-132



28

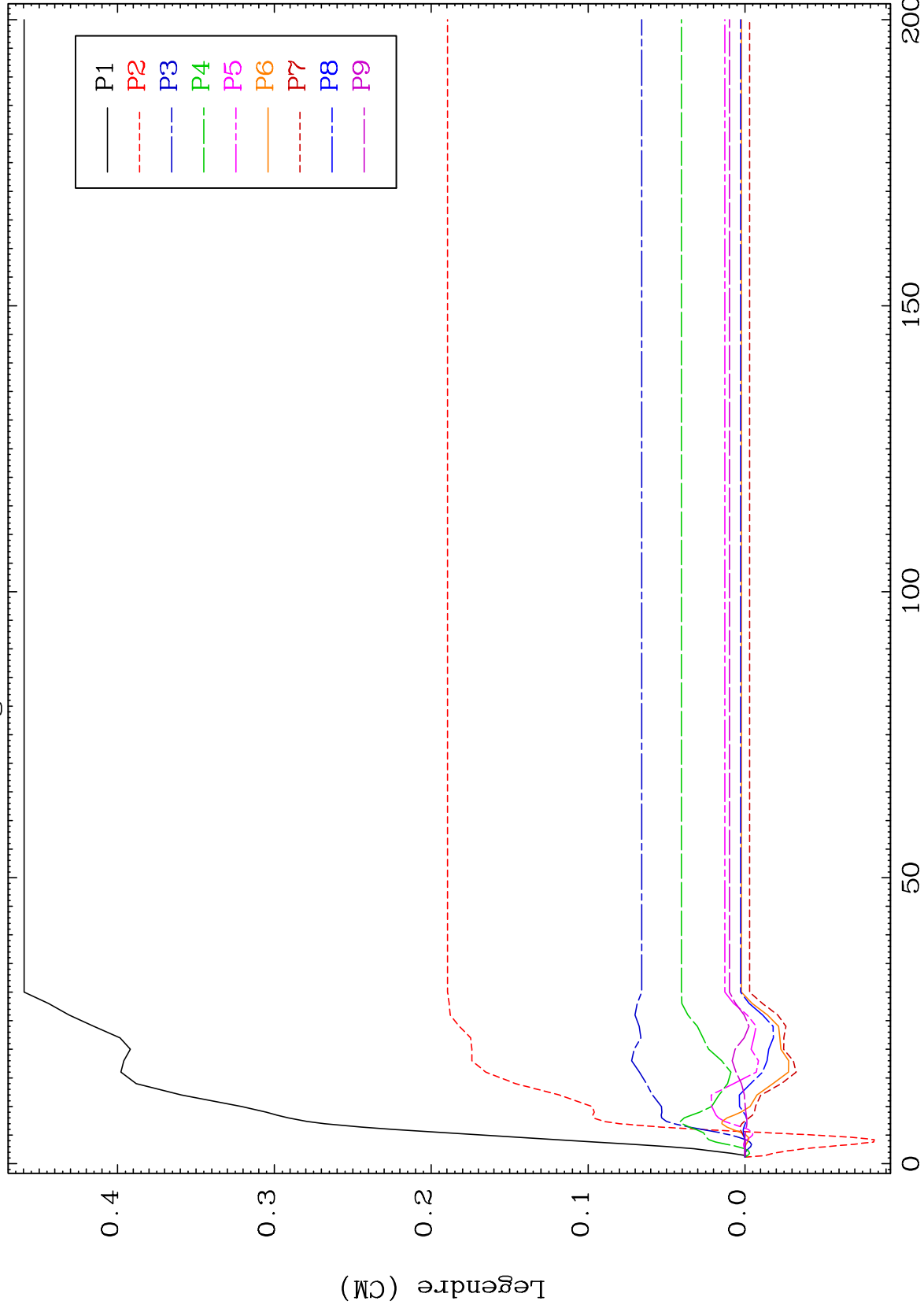
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



29

Incident Energy (MeV)

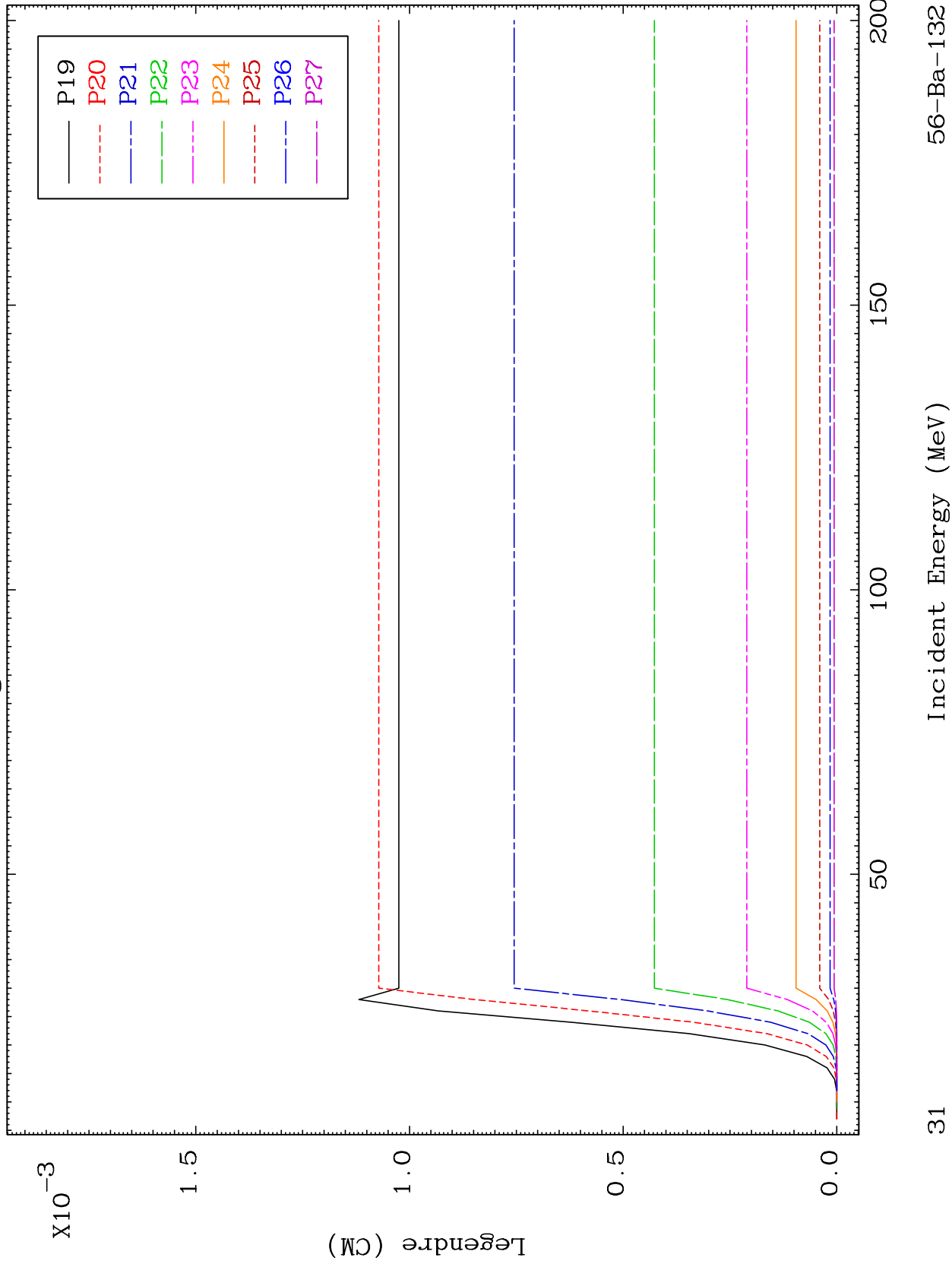
56-Ba-132



MAT 5631

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

56-Ba-132



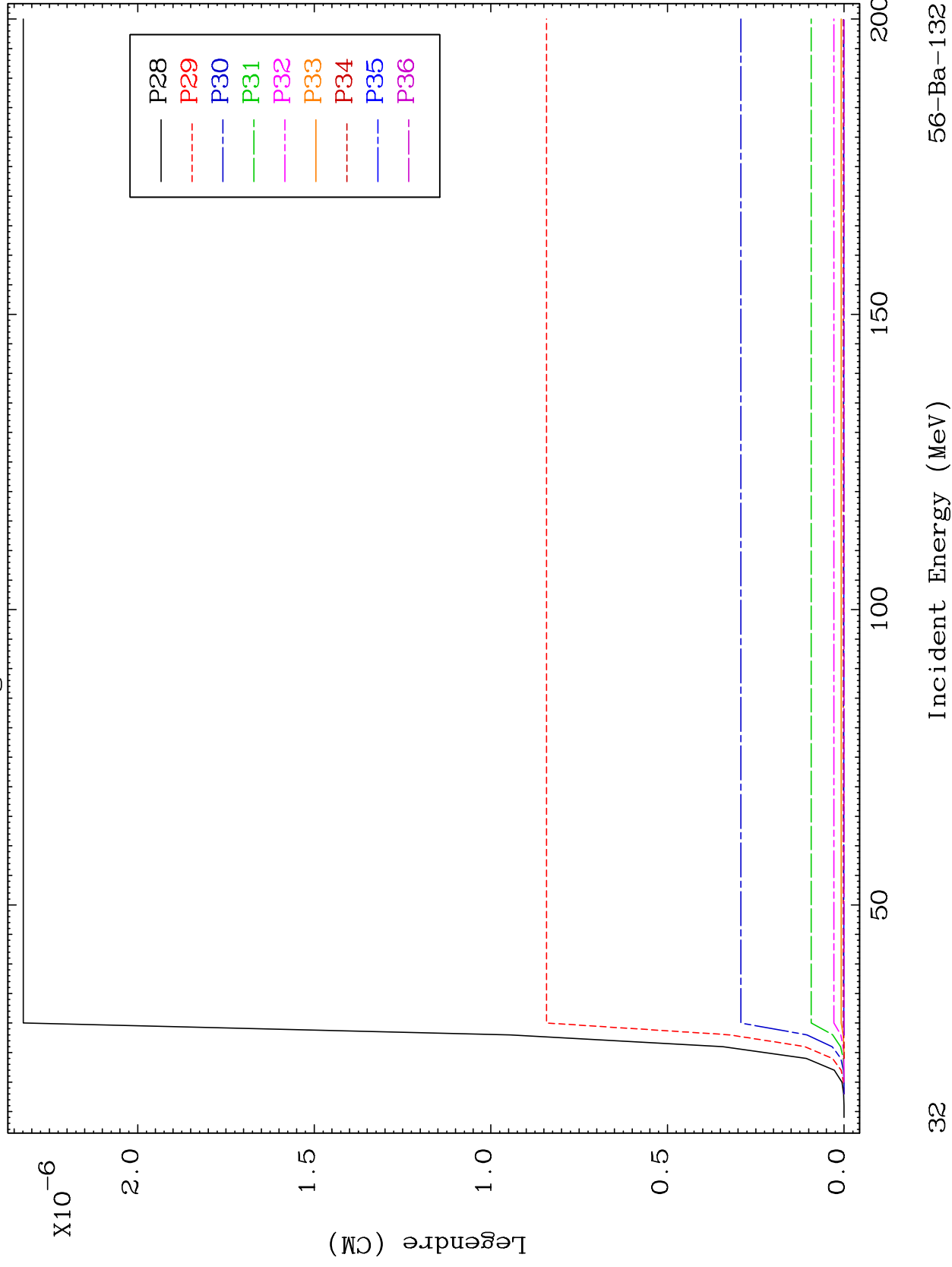
31

56-Ba-132

MAT 5631

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

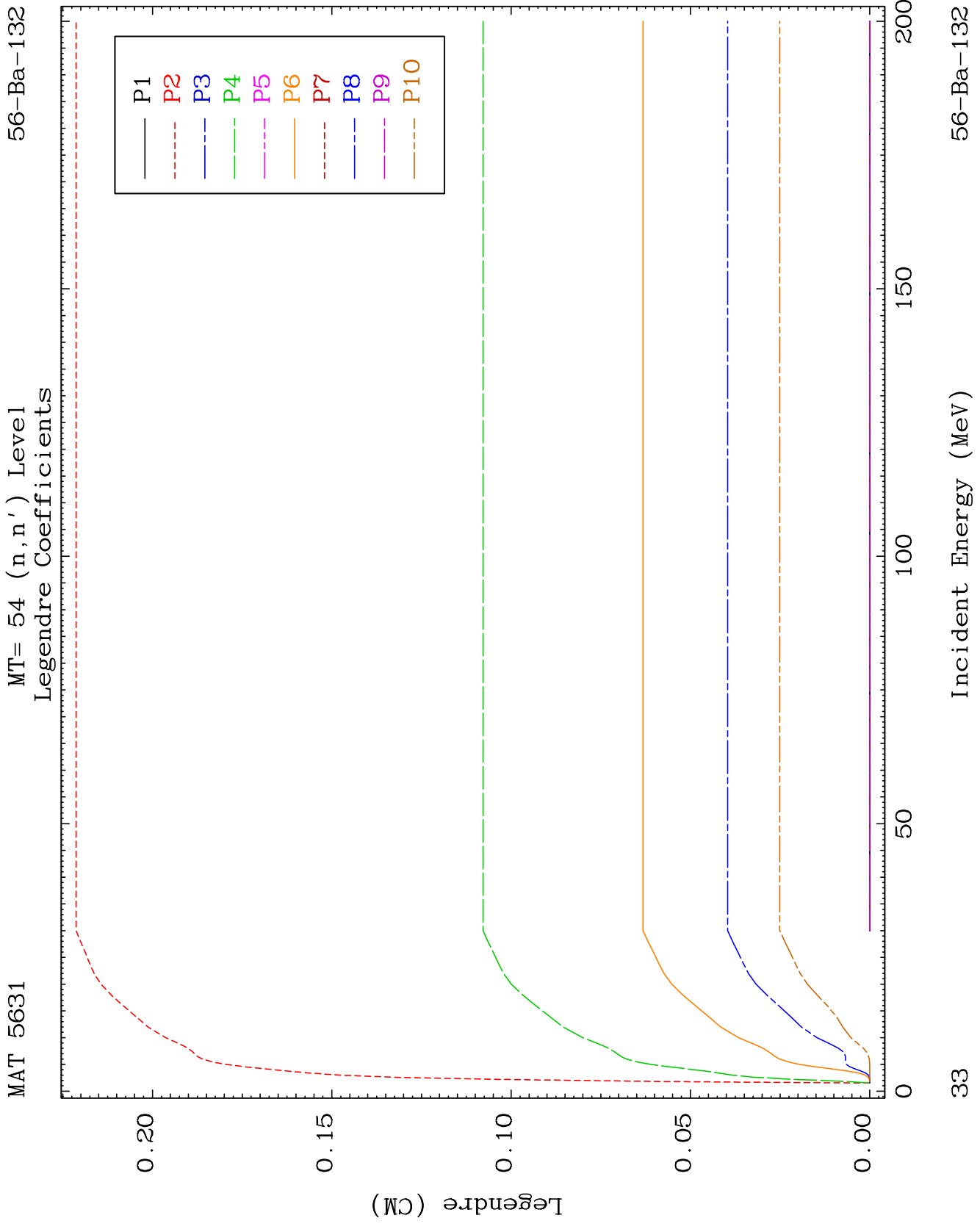
56-Ba-132



32

Incident Energy (MeV)

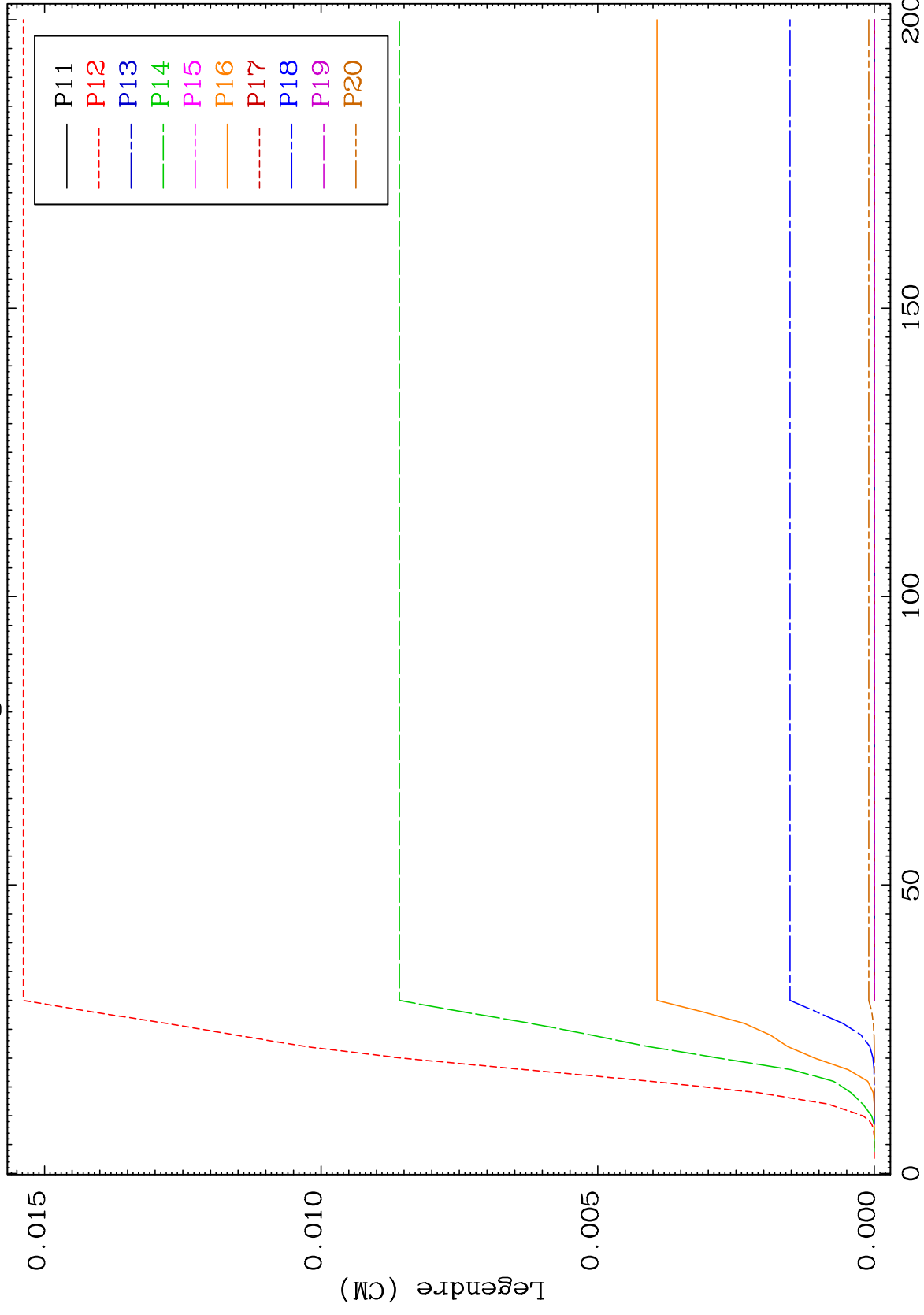
56-Ba-132



MAT 5631

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

56-Ba-132



34

Incident Energy (MeV)

56-Ba-132

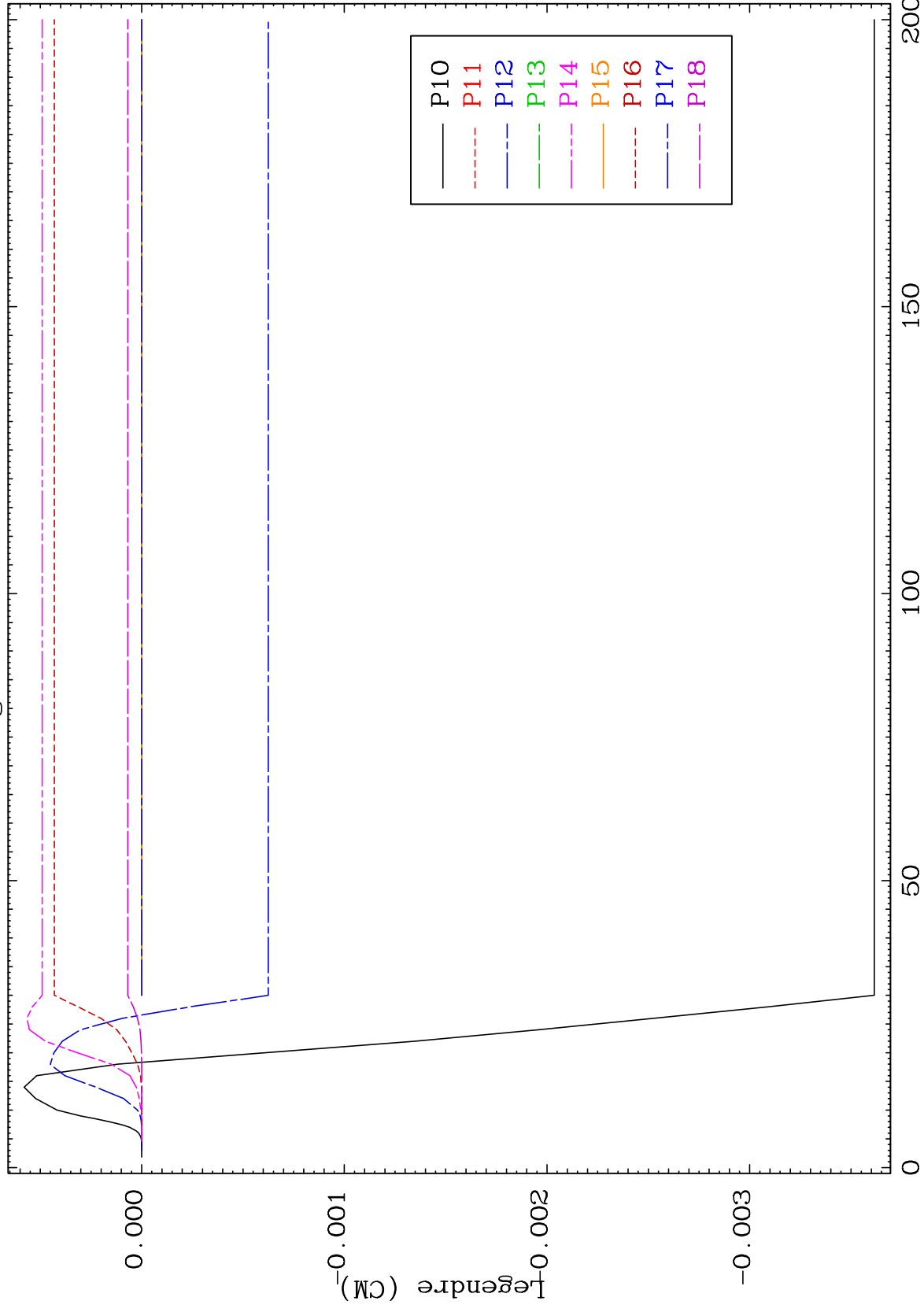




MAT 5631

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

56-Ba-132

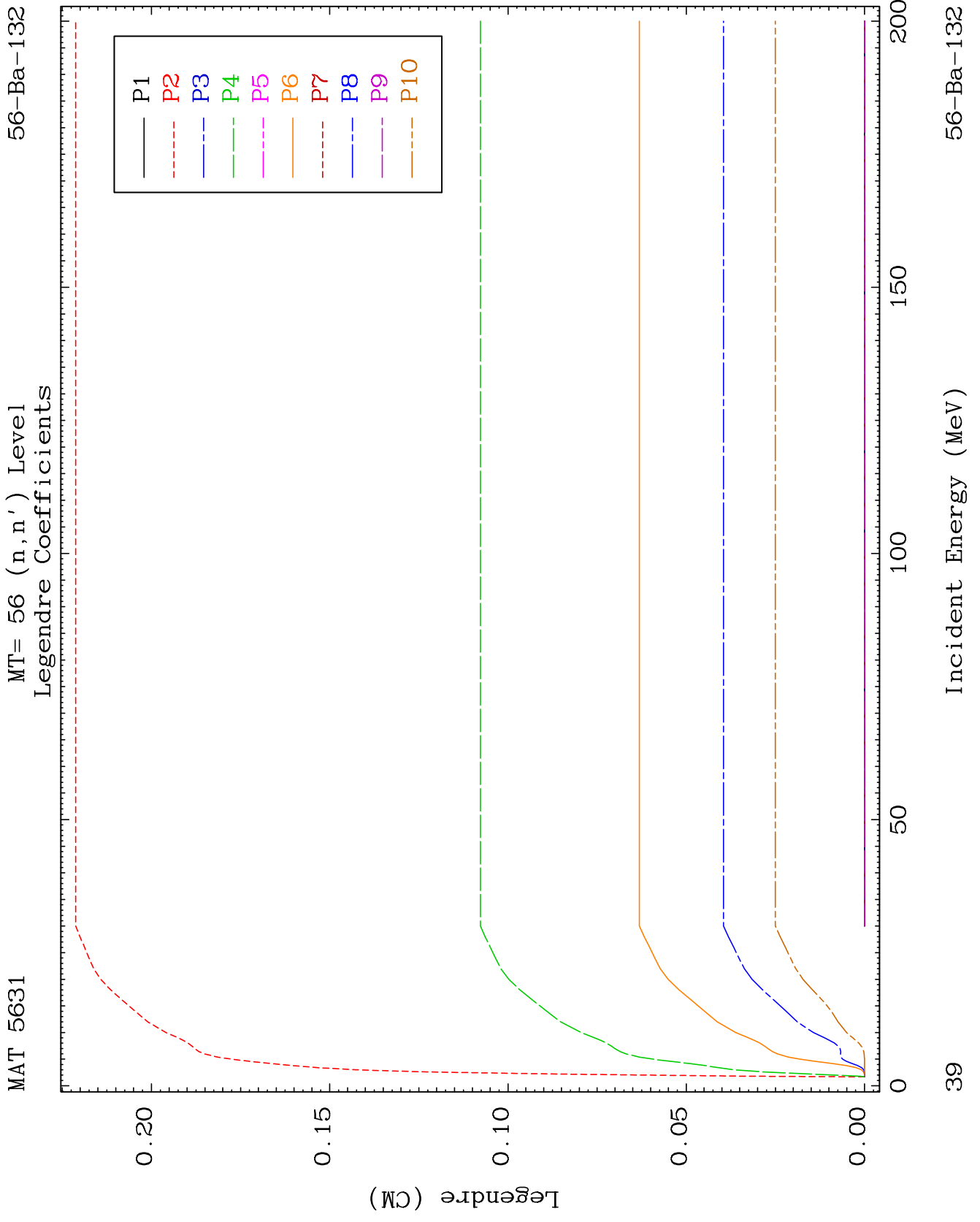


37

Incident Energy (MeV)

56-Ba-132

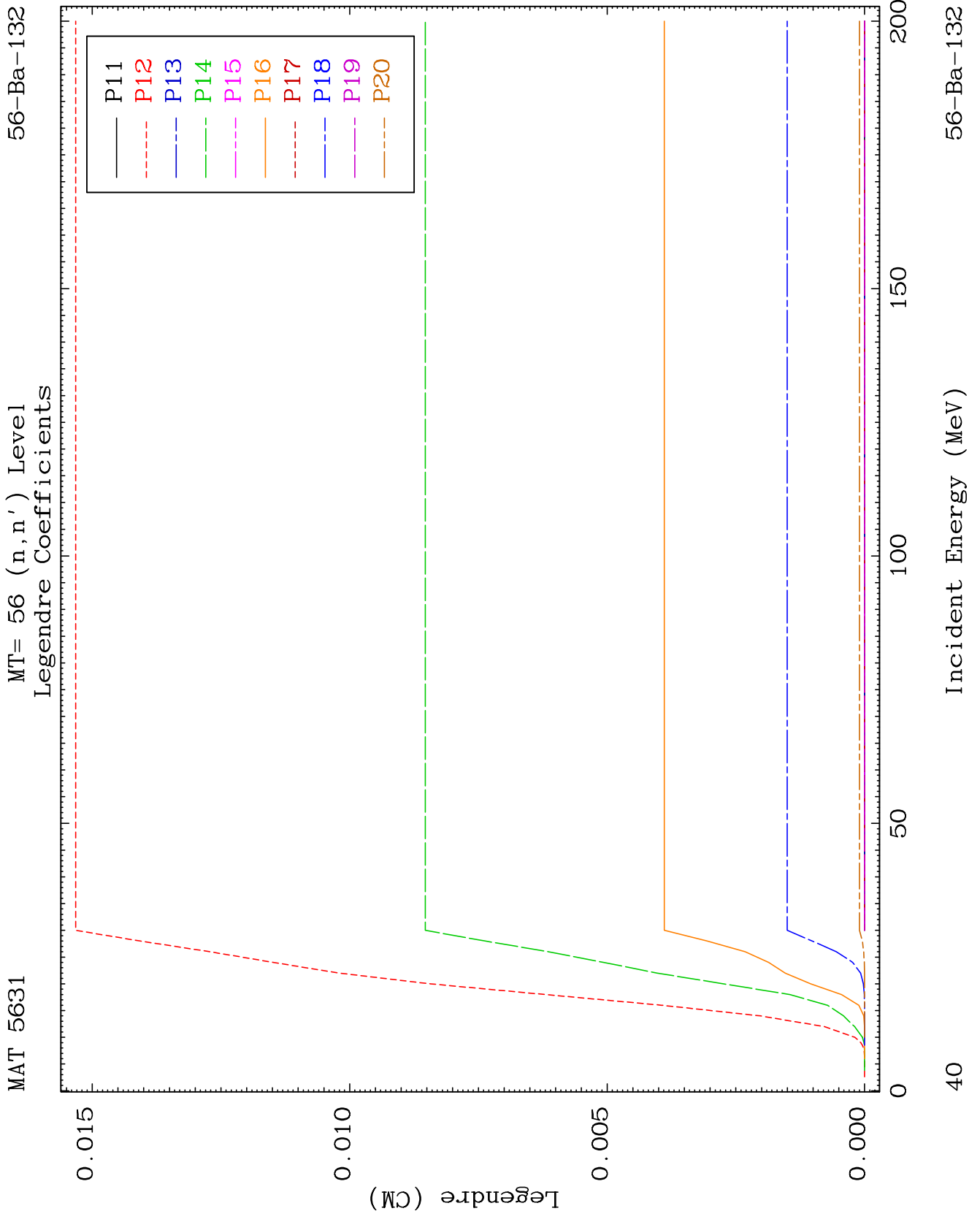


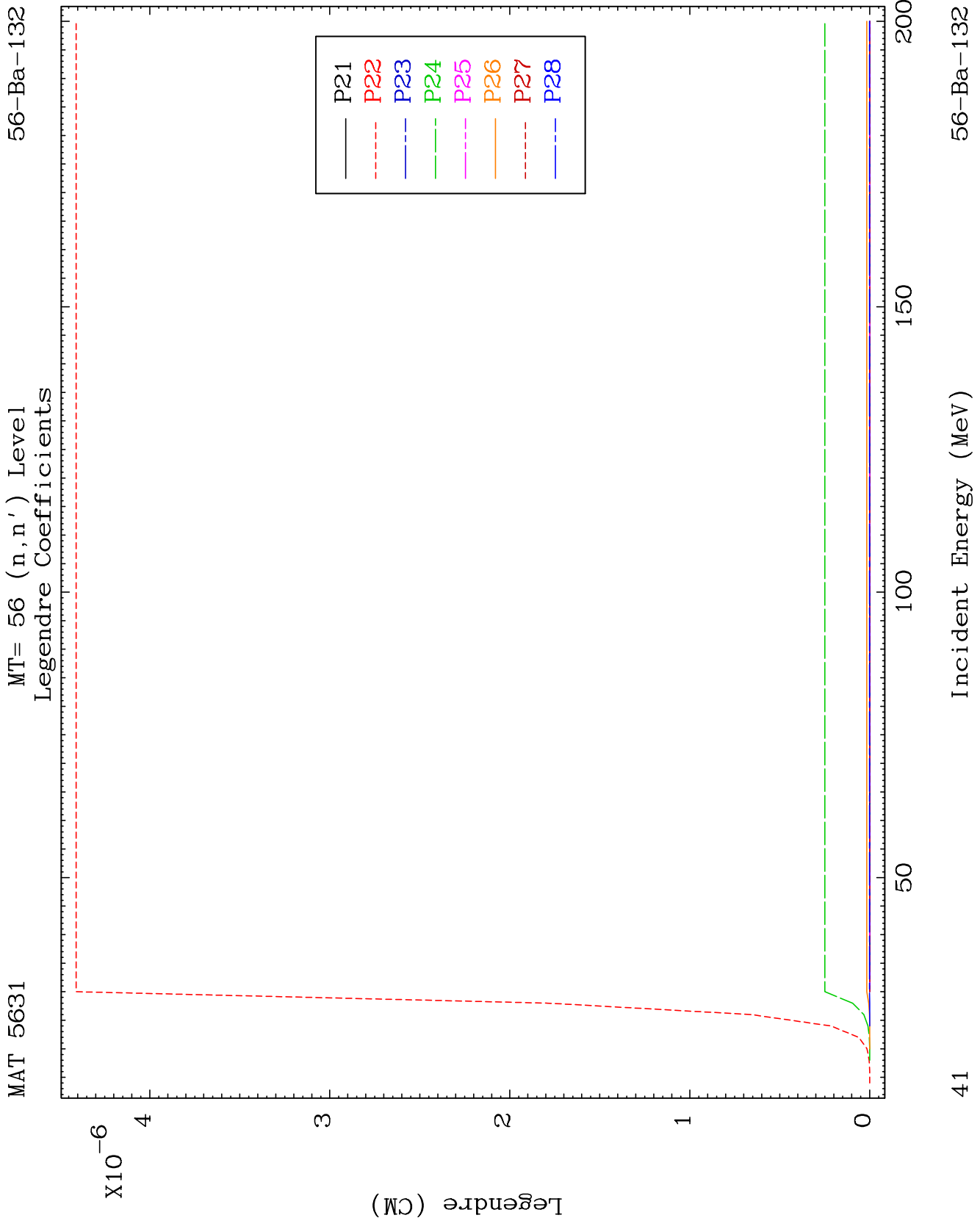


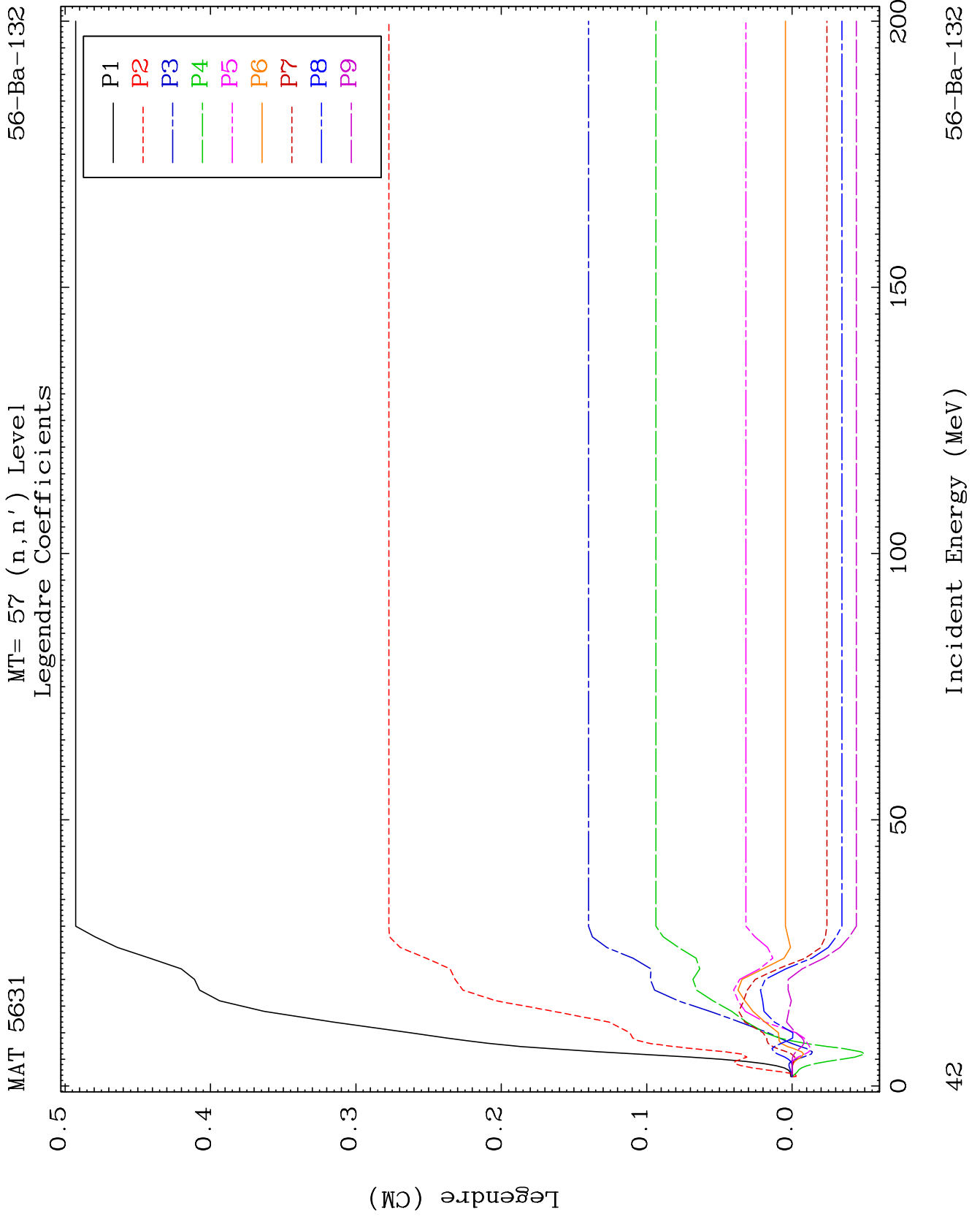
56-Ba-132

Incident Energy (MeV)

39



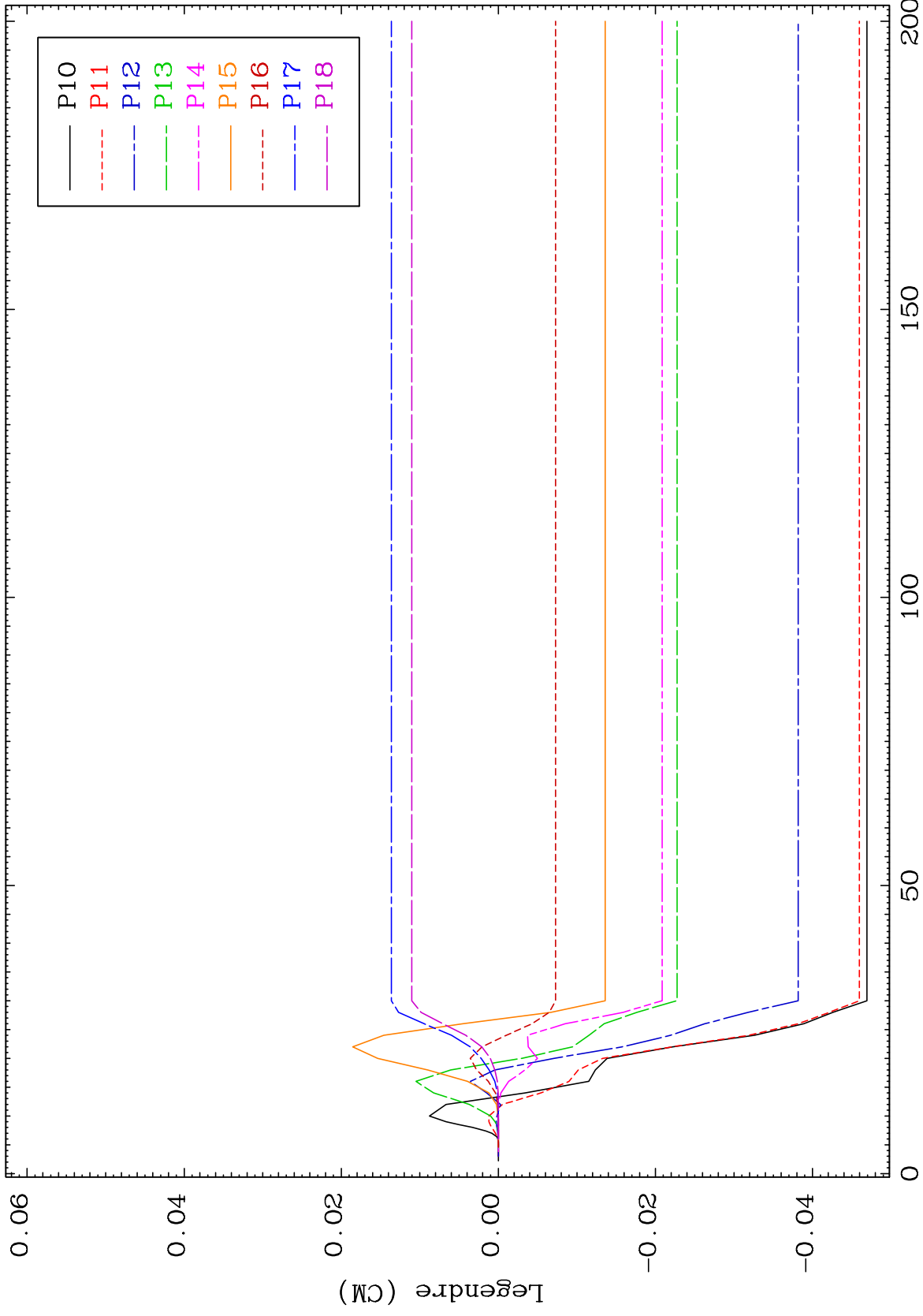




MAT 5631

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

56-Ba-132



43

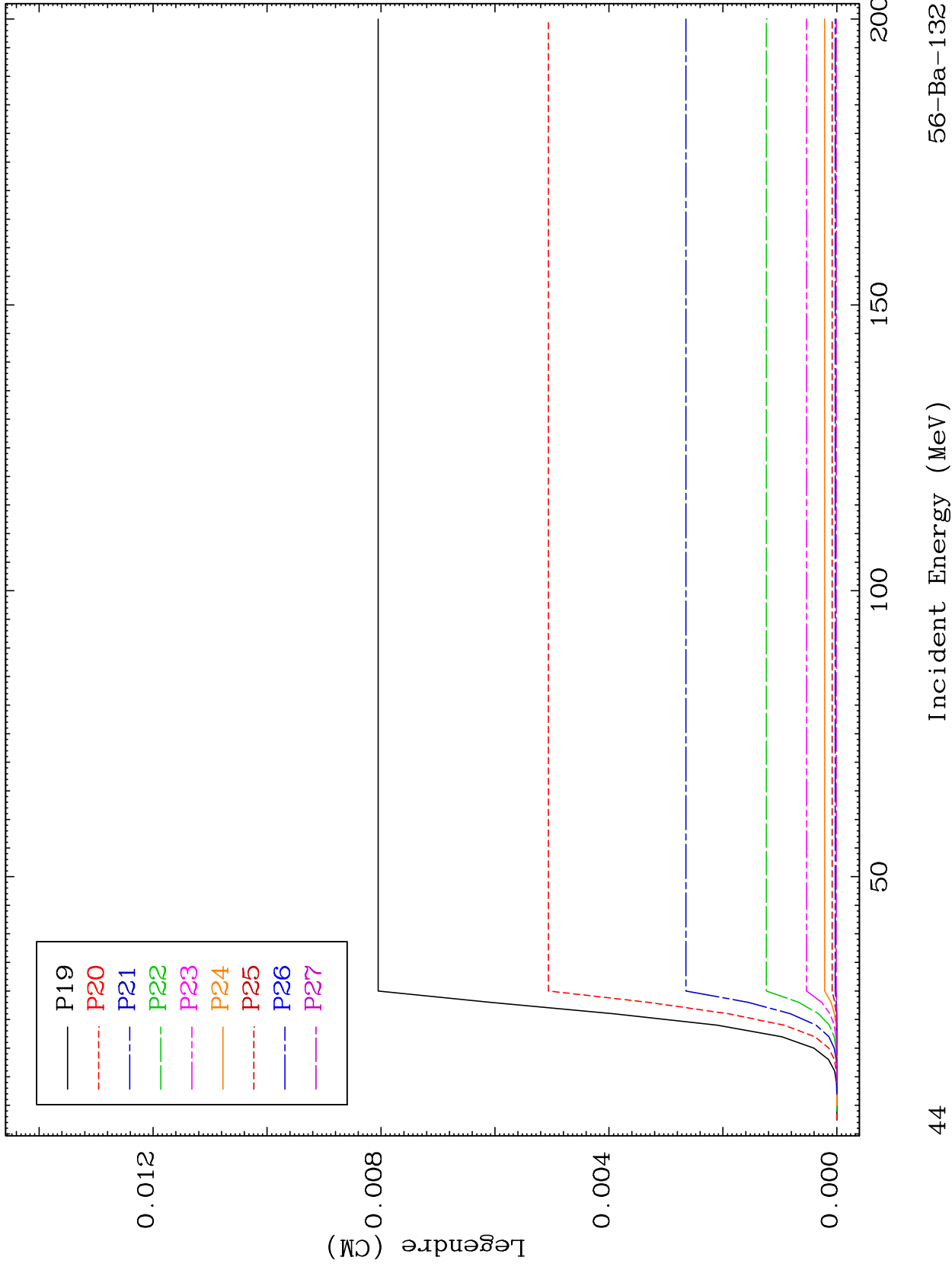
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



44

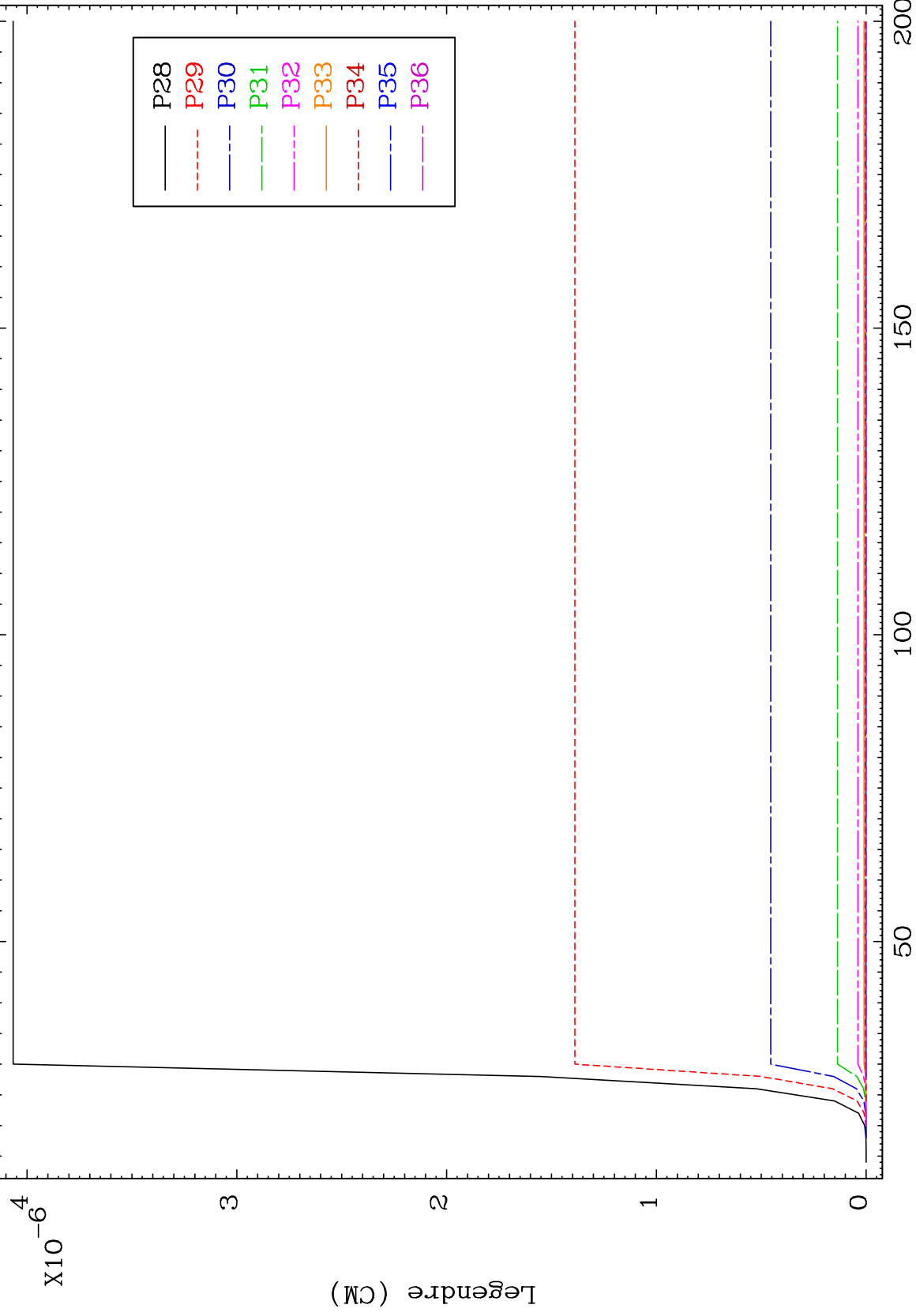
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



45

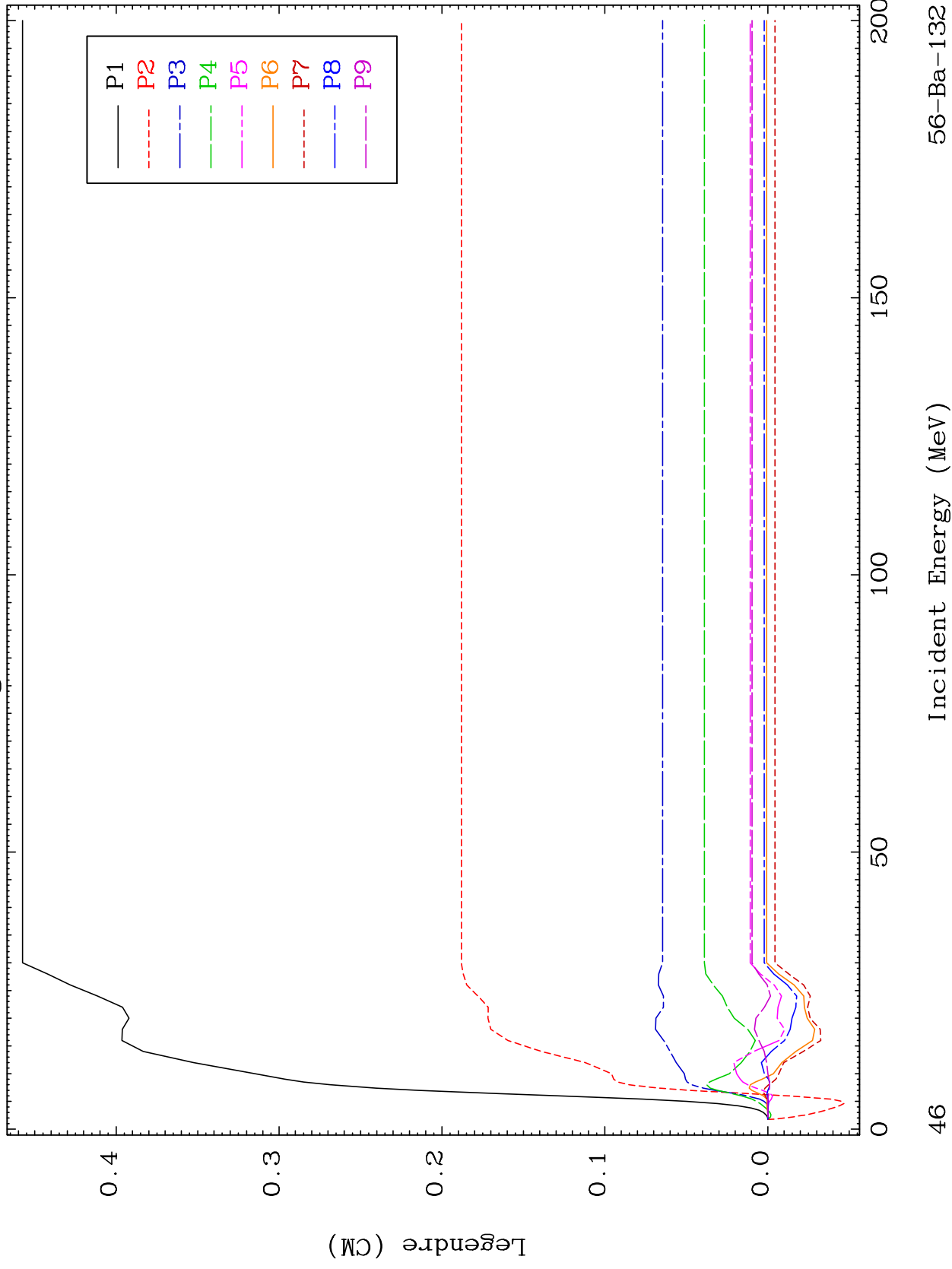
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



56-Ba-132

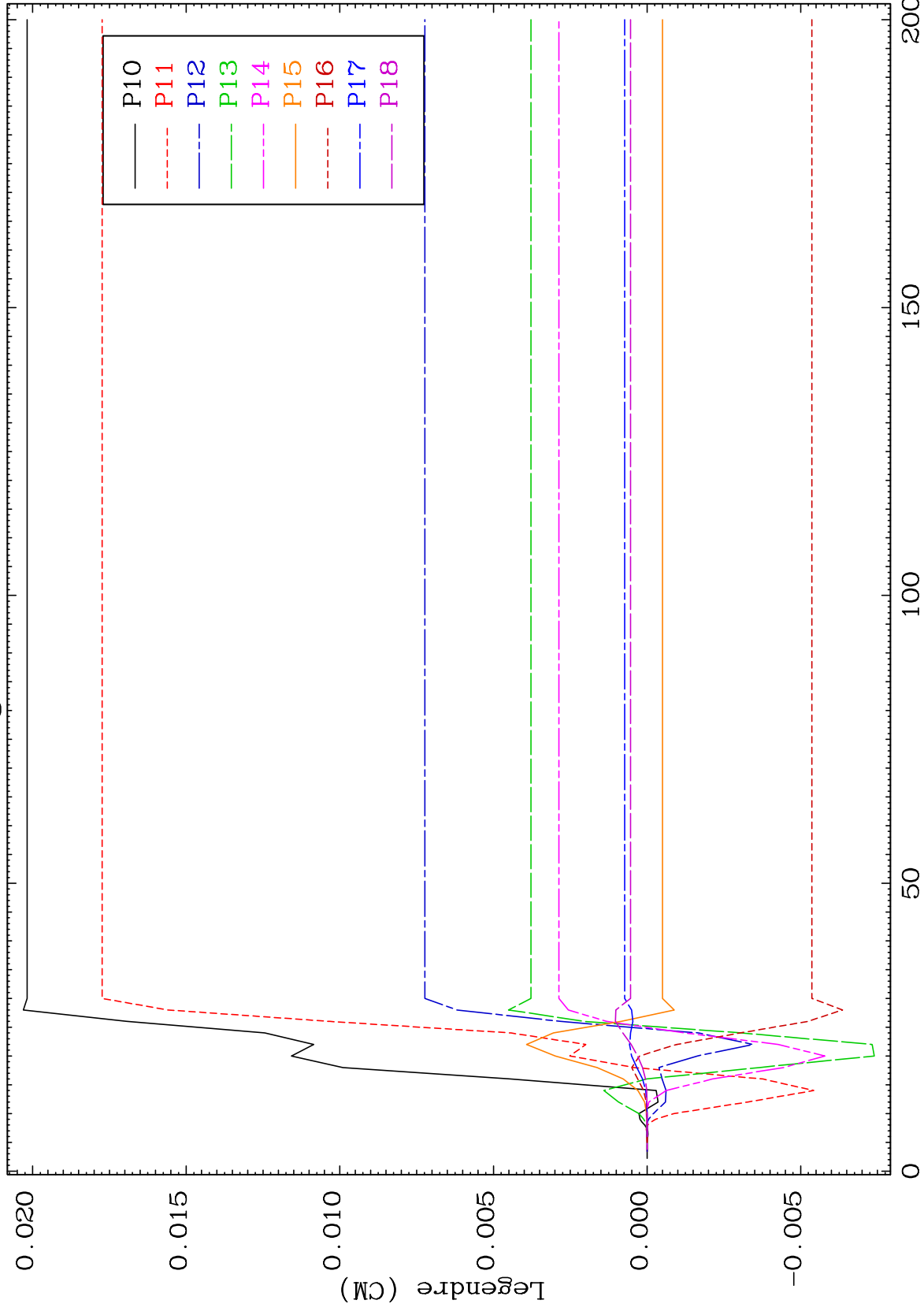
Incident Energy (MeV)

46

MAT 5631

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

56-Ba-132



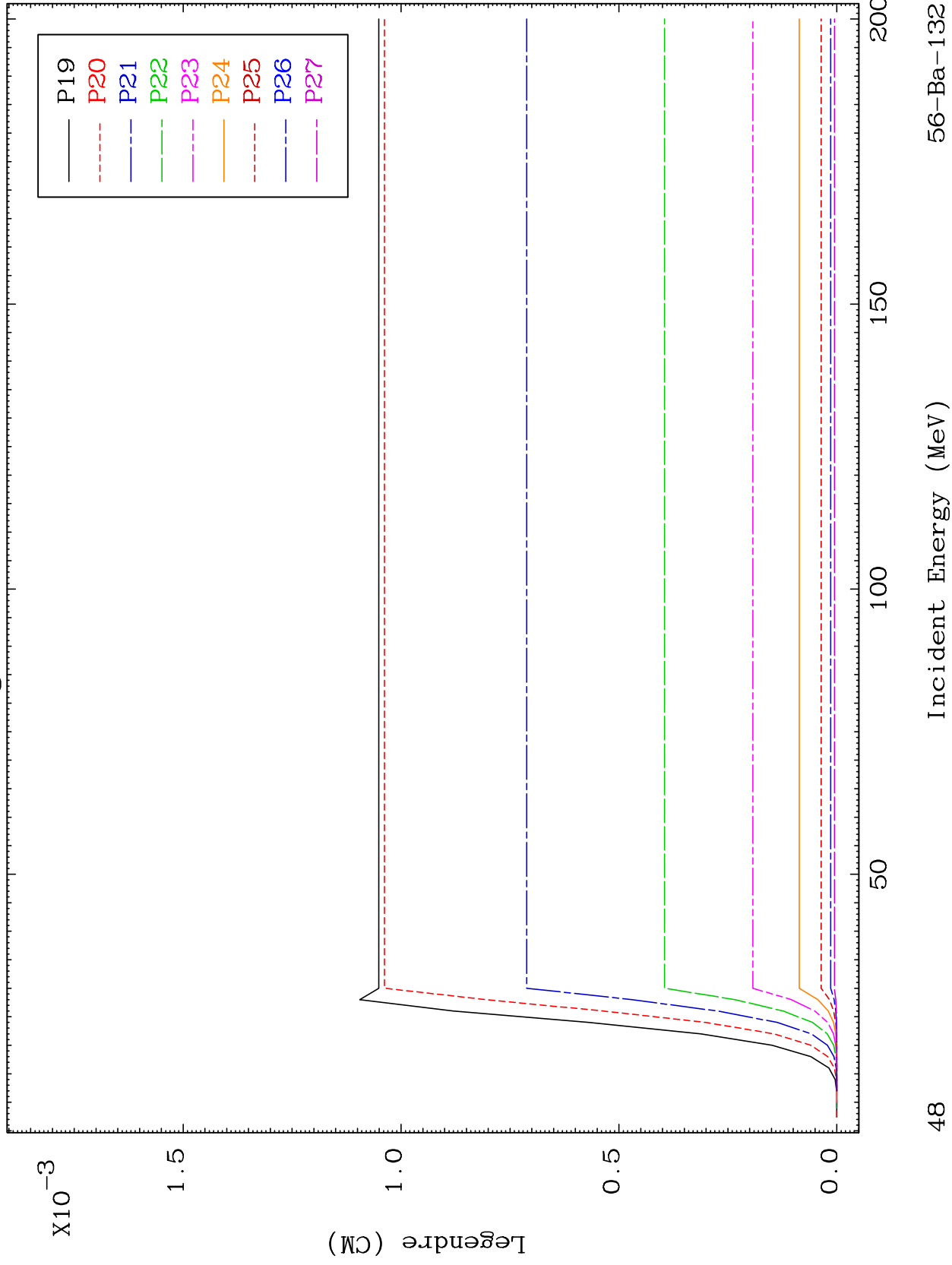
47

56-Ba-132

MAT 5631

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

56-Ba-132



48

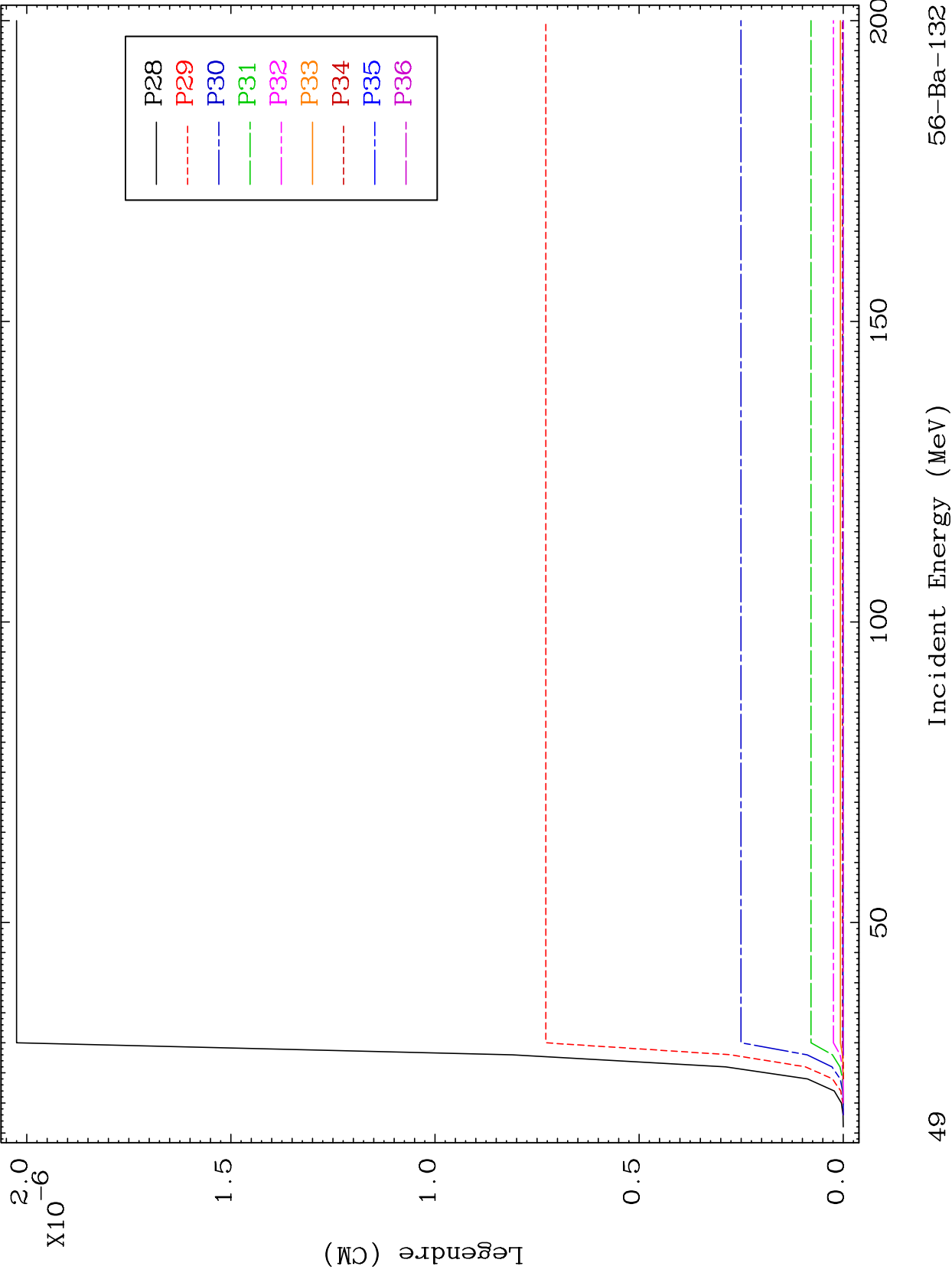
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

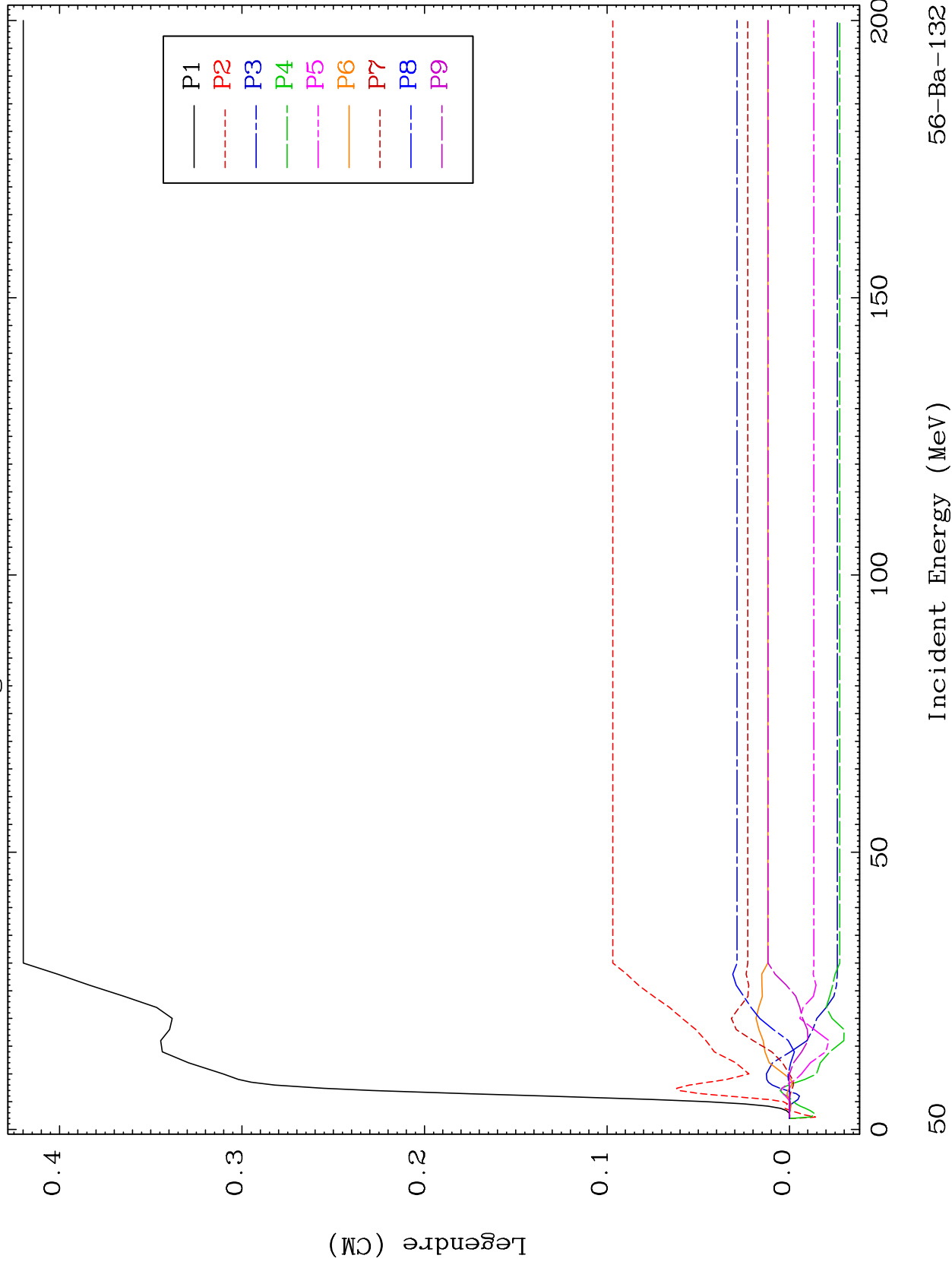
56-Ba-132



MAT 5631

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

56-Ba-132



56-Ba-132

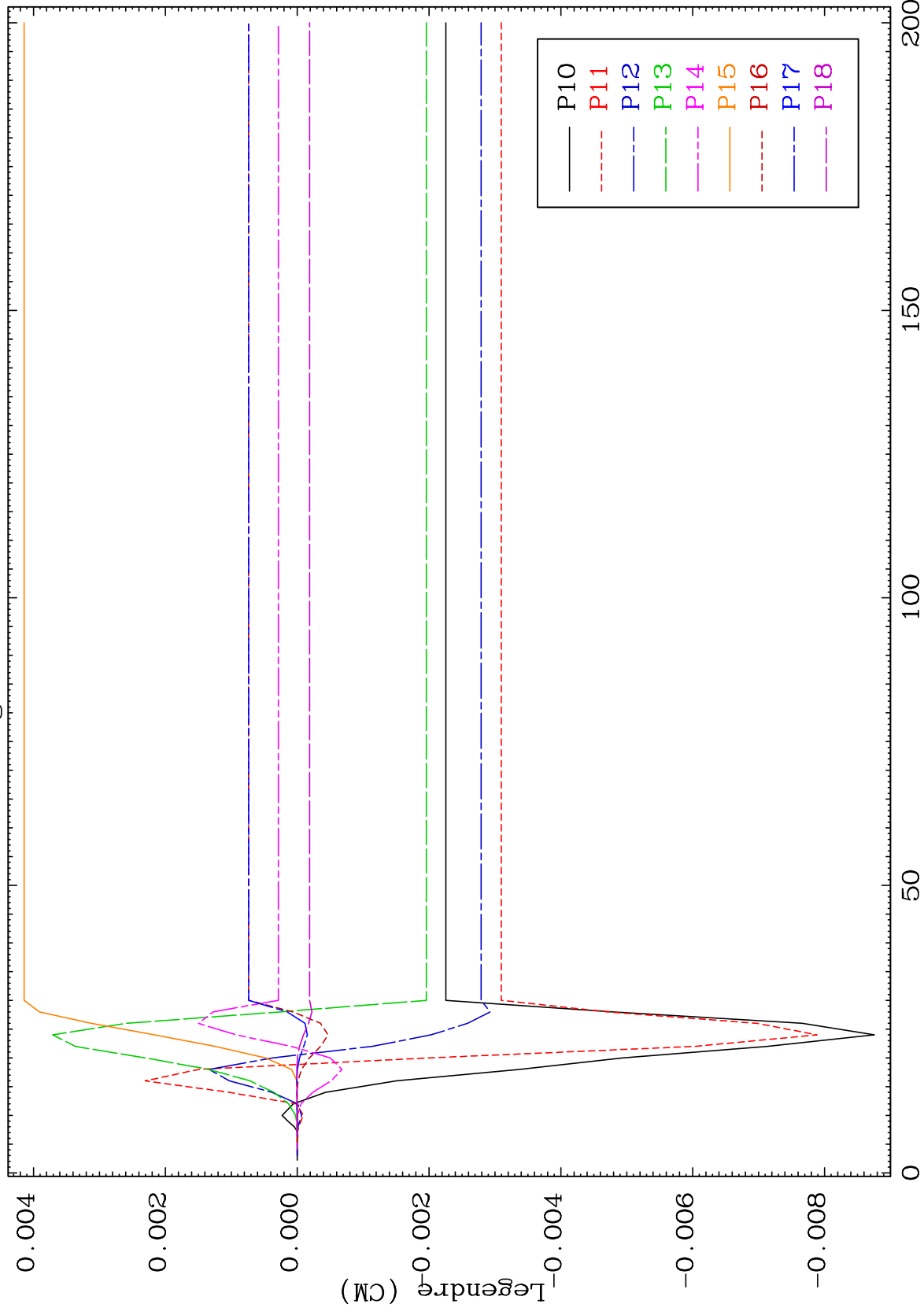
Incident Energy (MeV)

50

MAT 5631

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

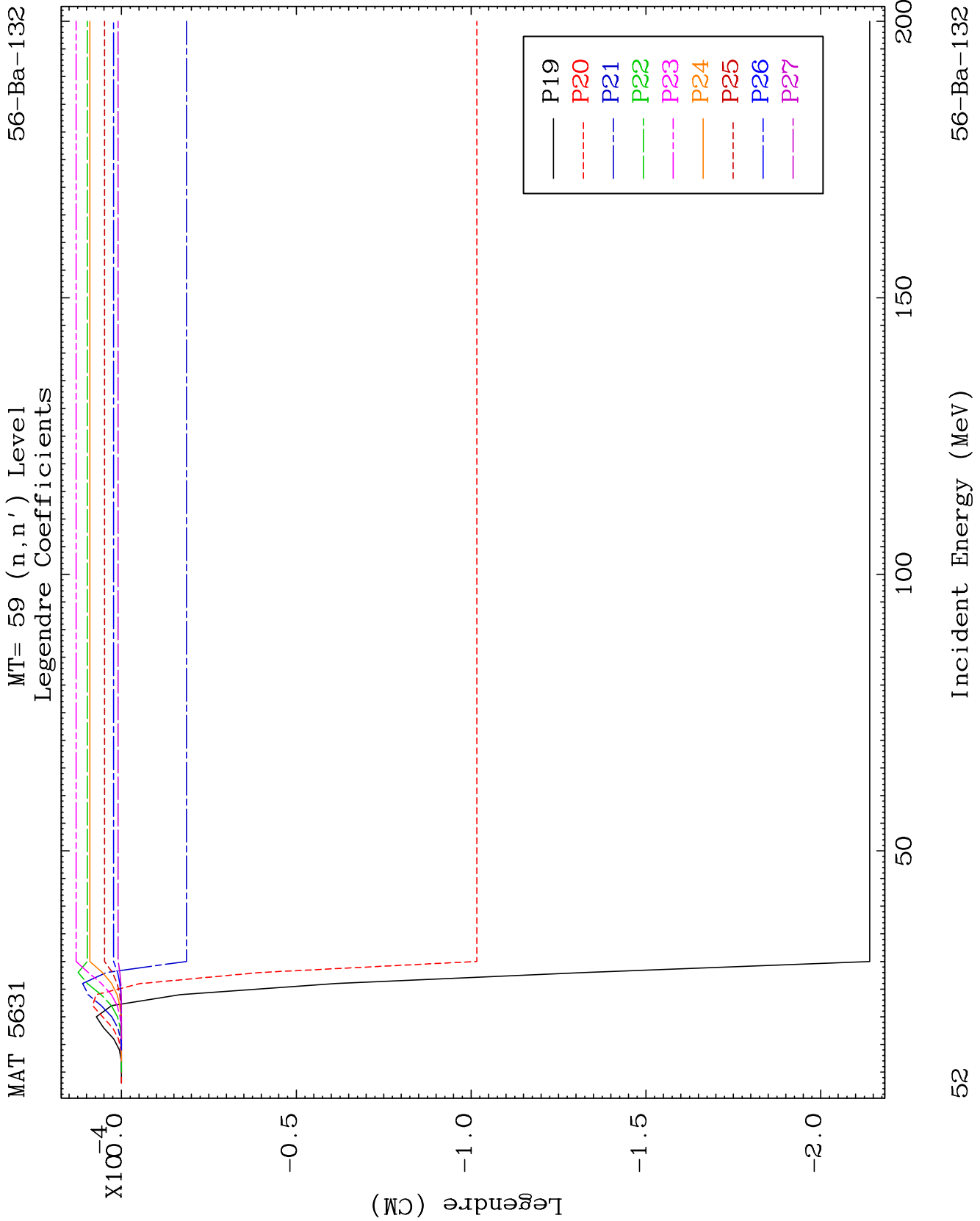
56-Ba-132



51

Incident Energy (MeV)

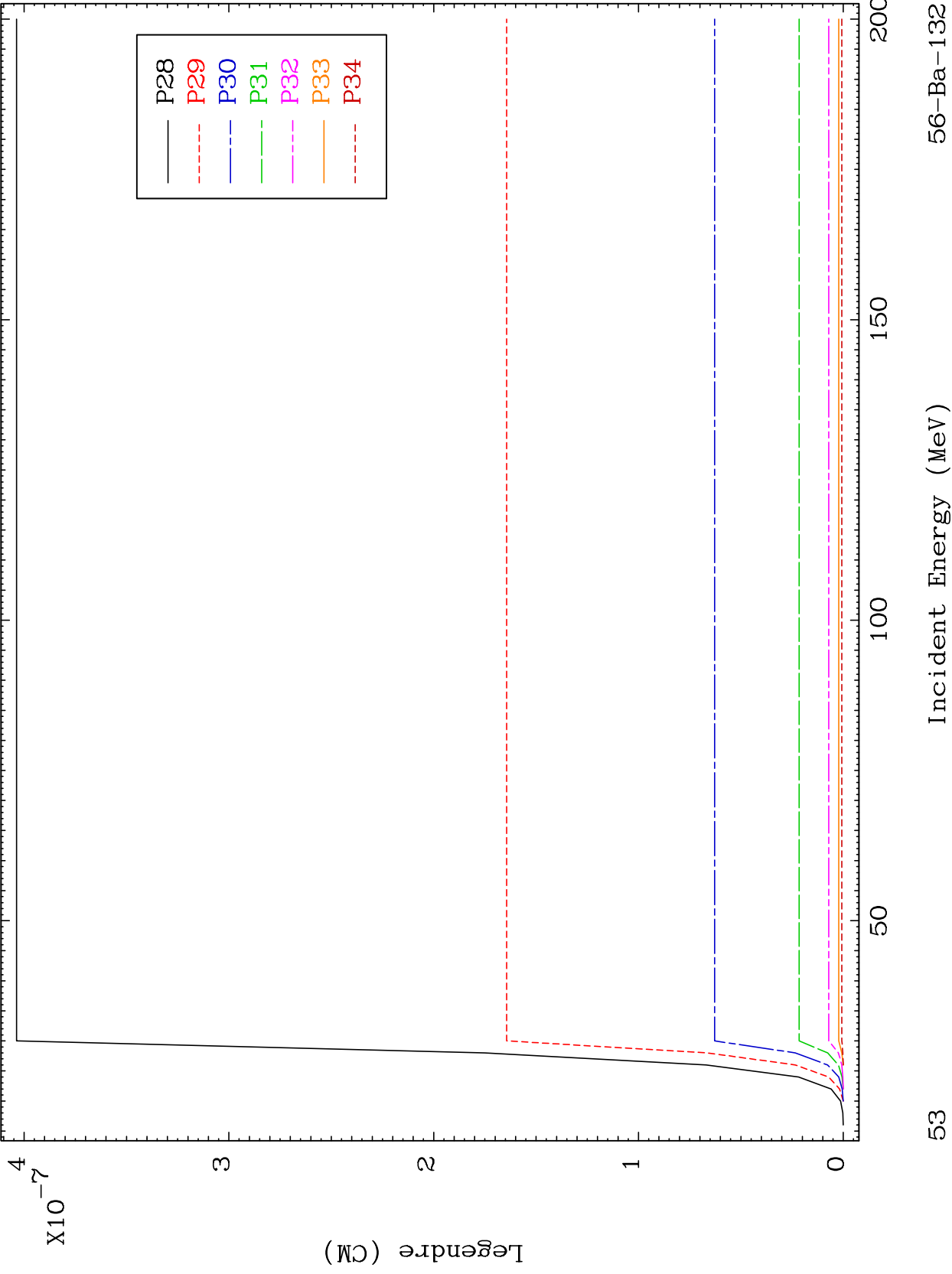
56-Ba-132



MAT 5631

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

56-Ba-132



53

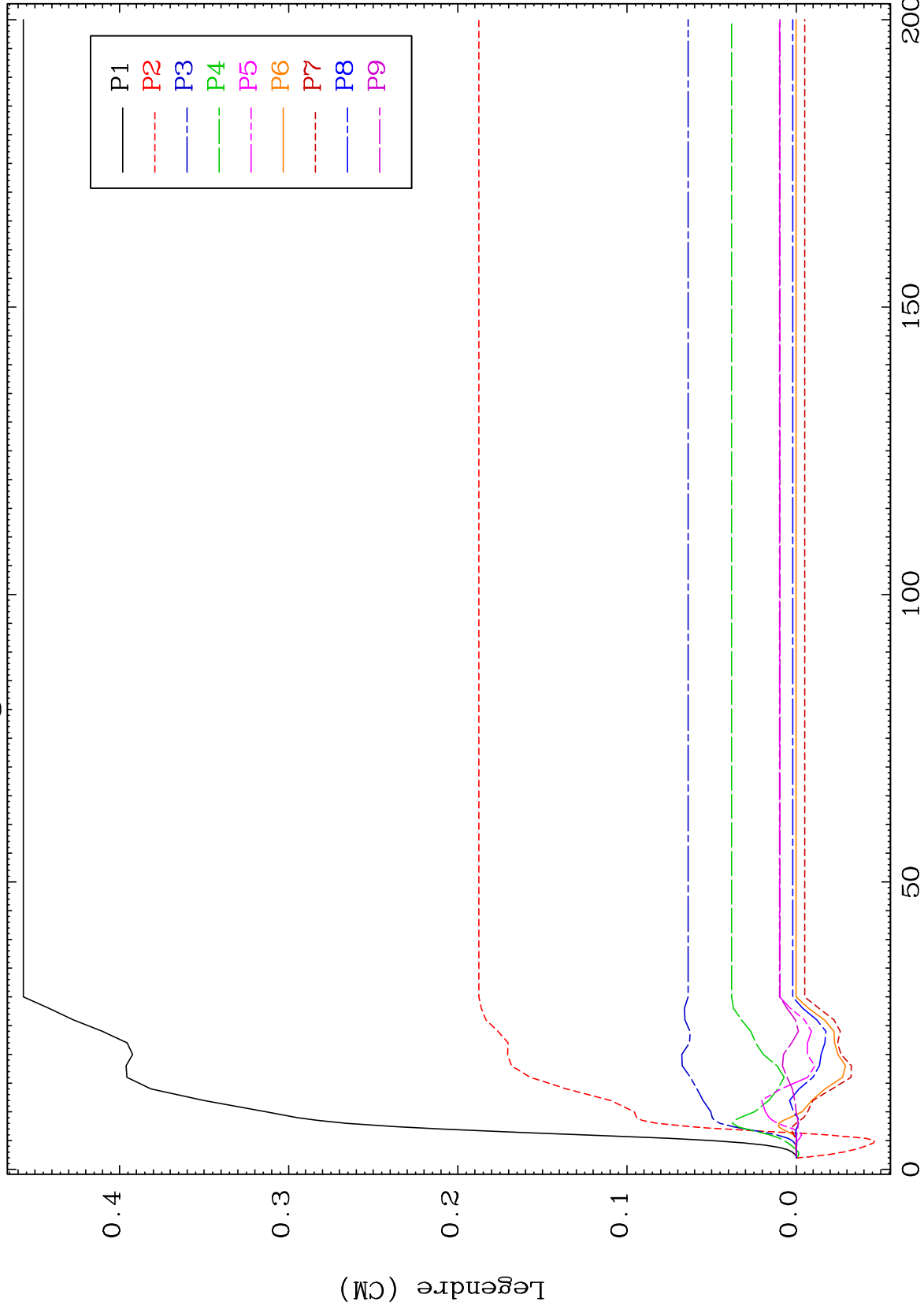
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



54

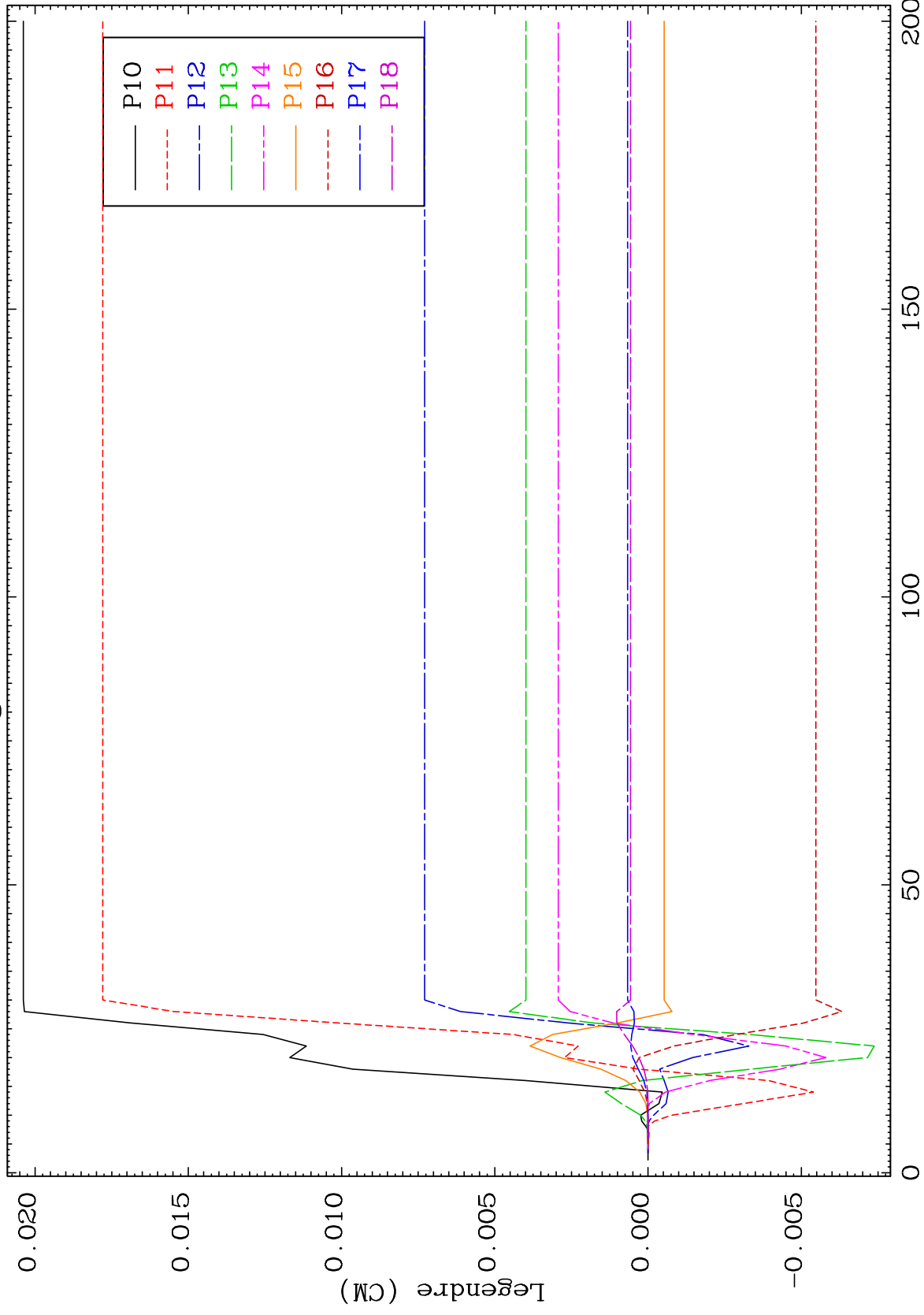
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



55

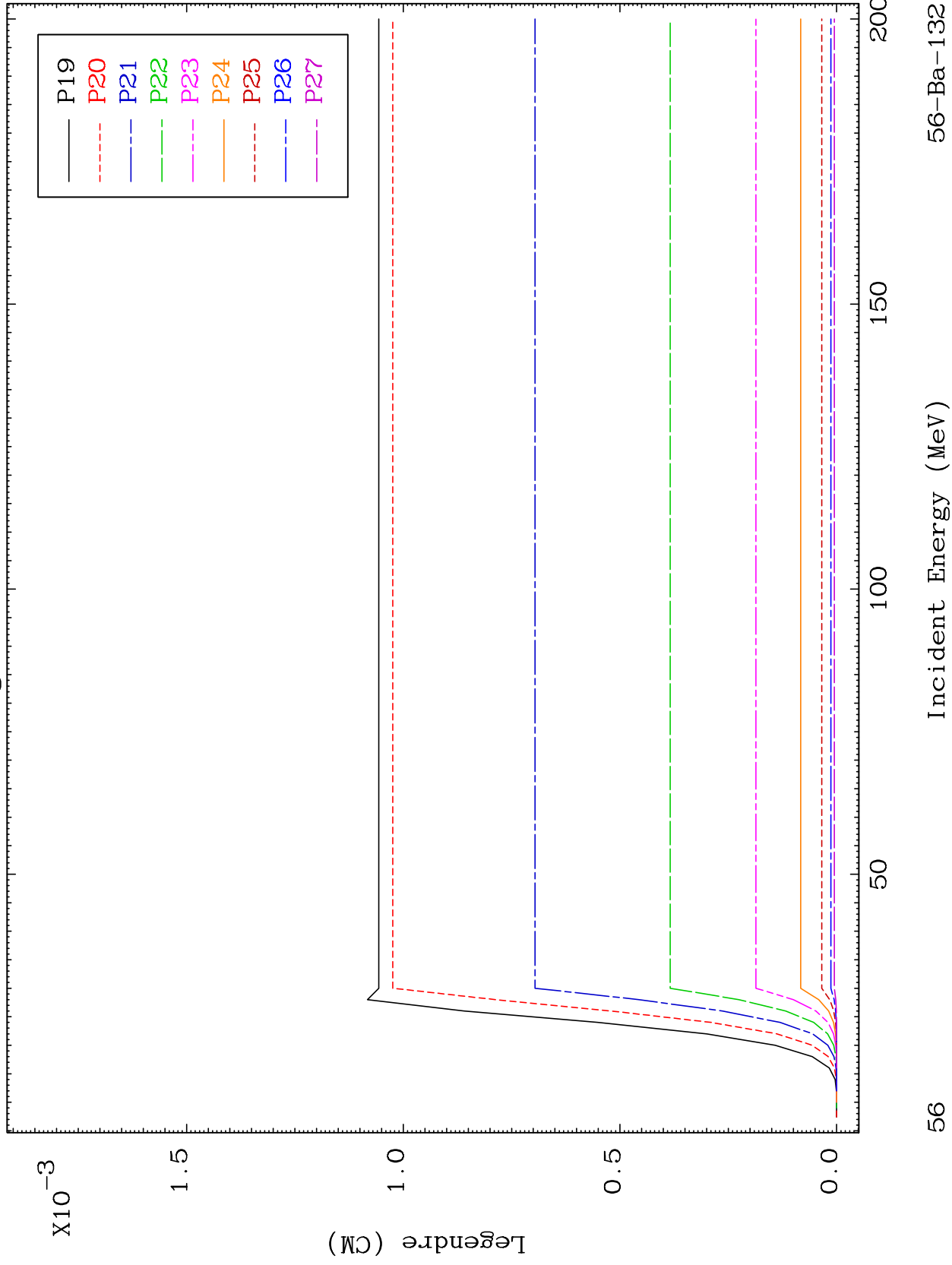
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



56

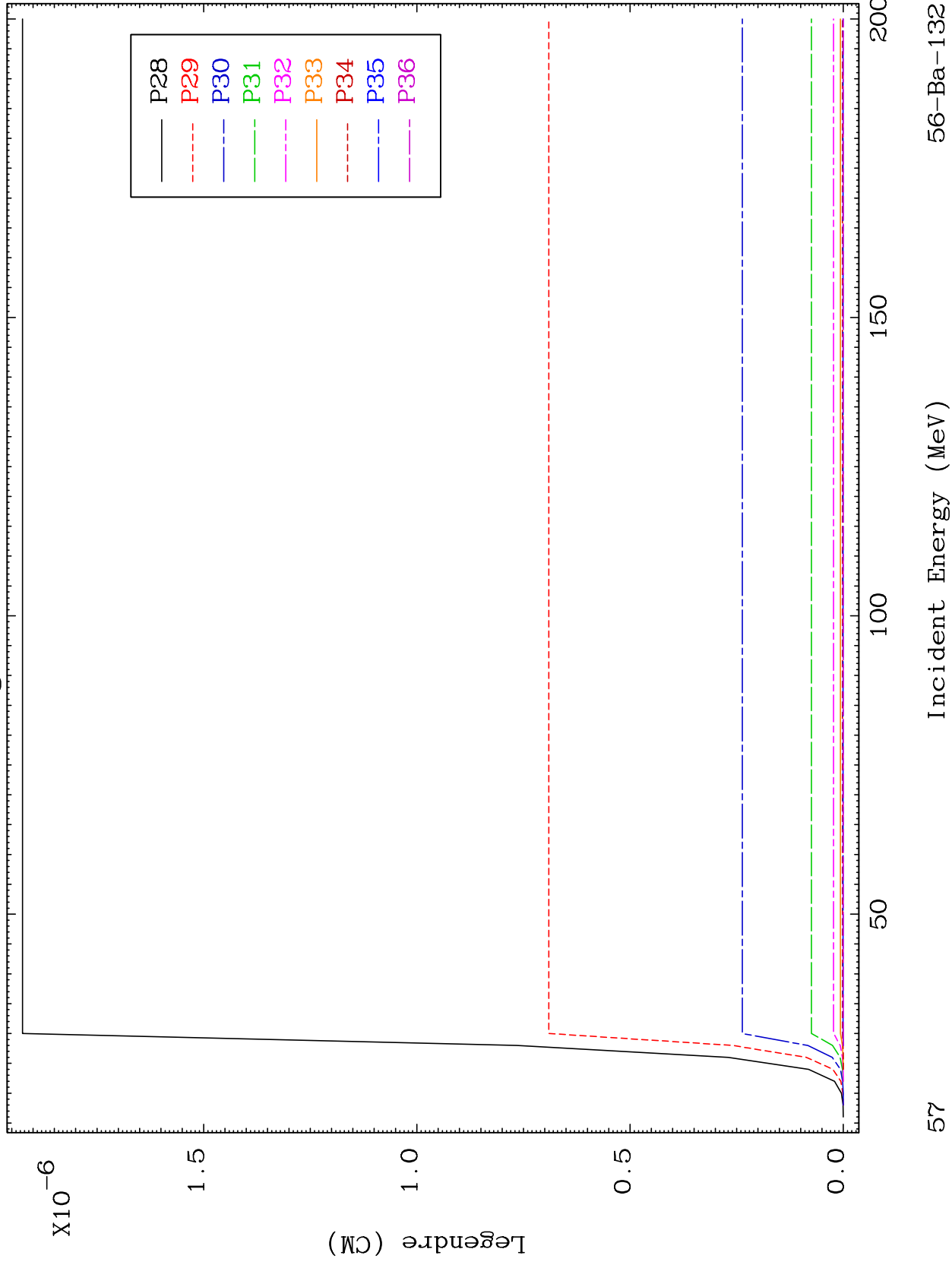
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



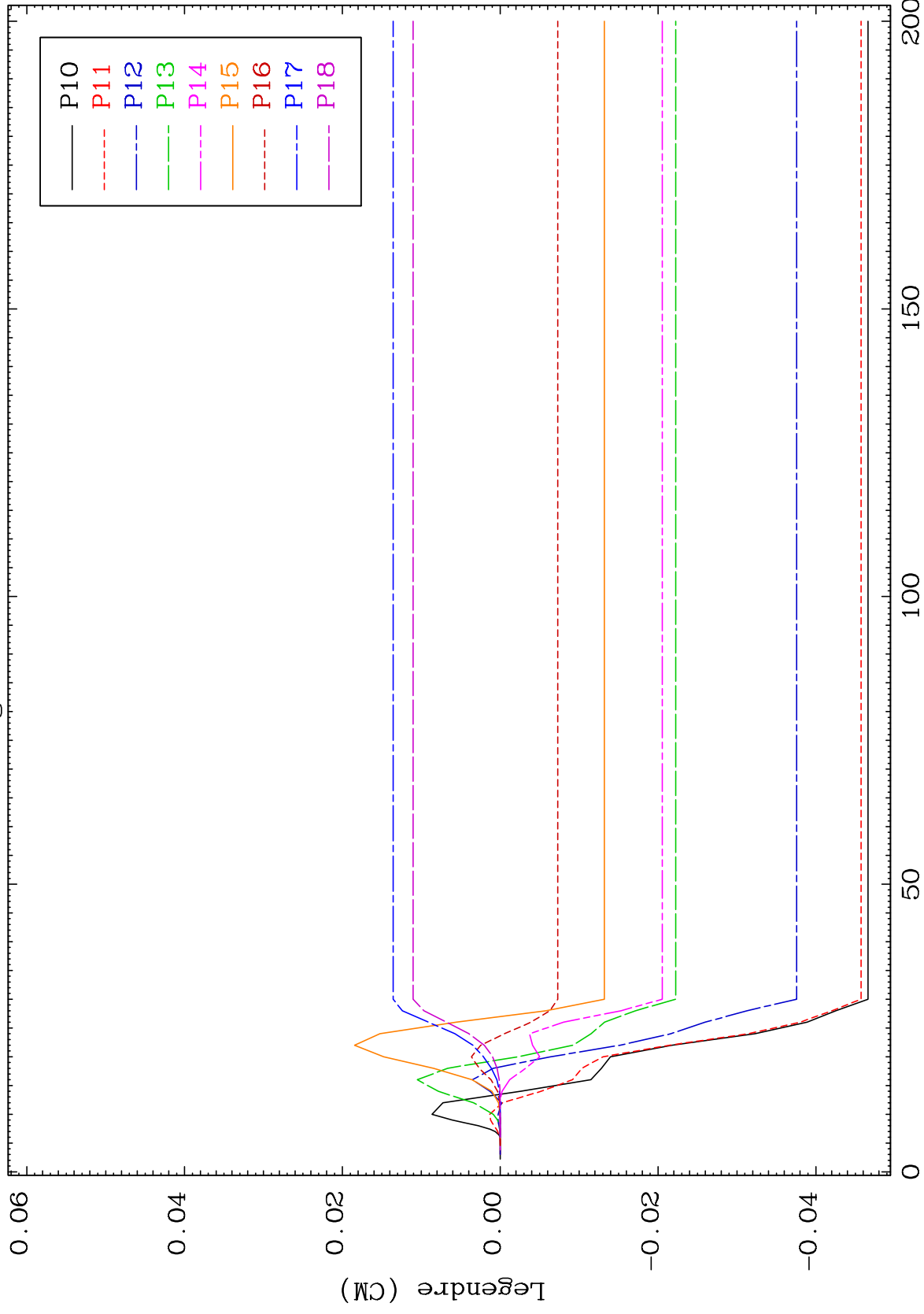
57



MAT 5631

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

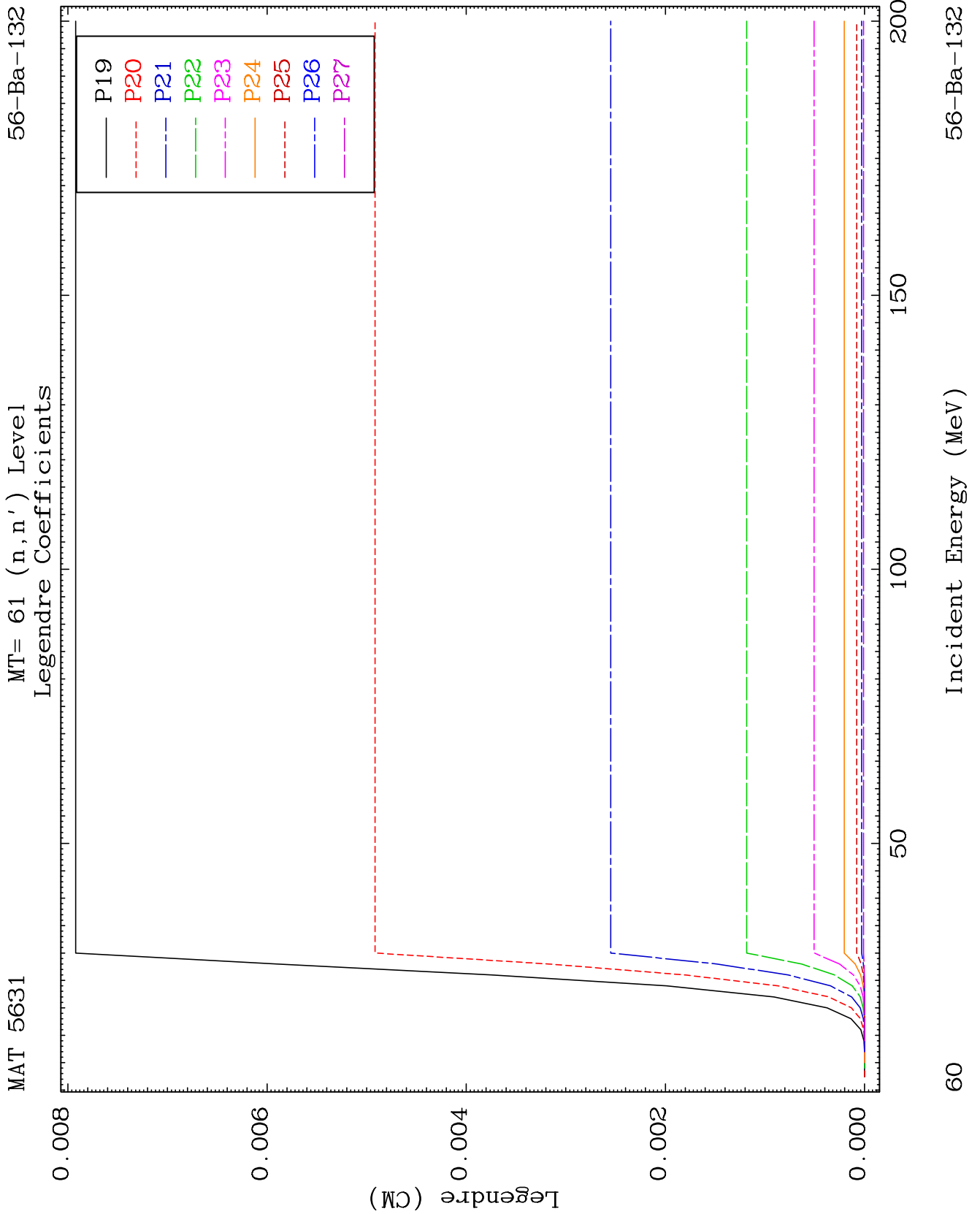
56-Ba-132



59

Incident Energy (MeV)

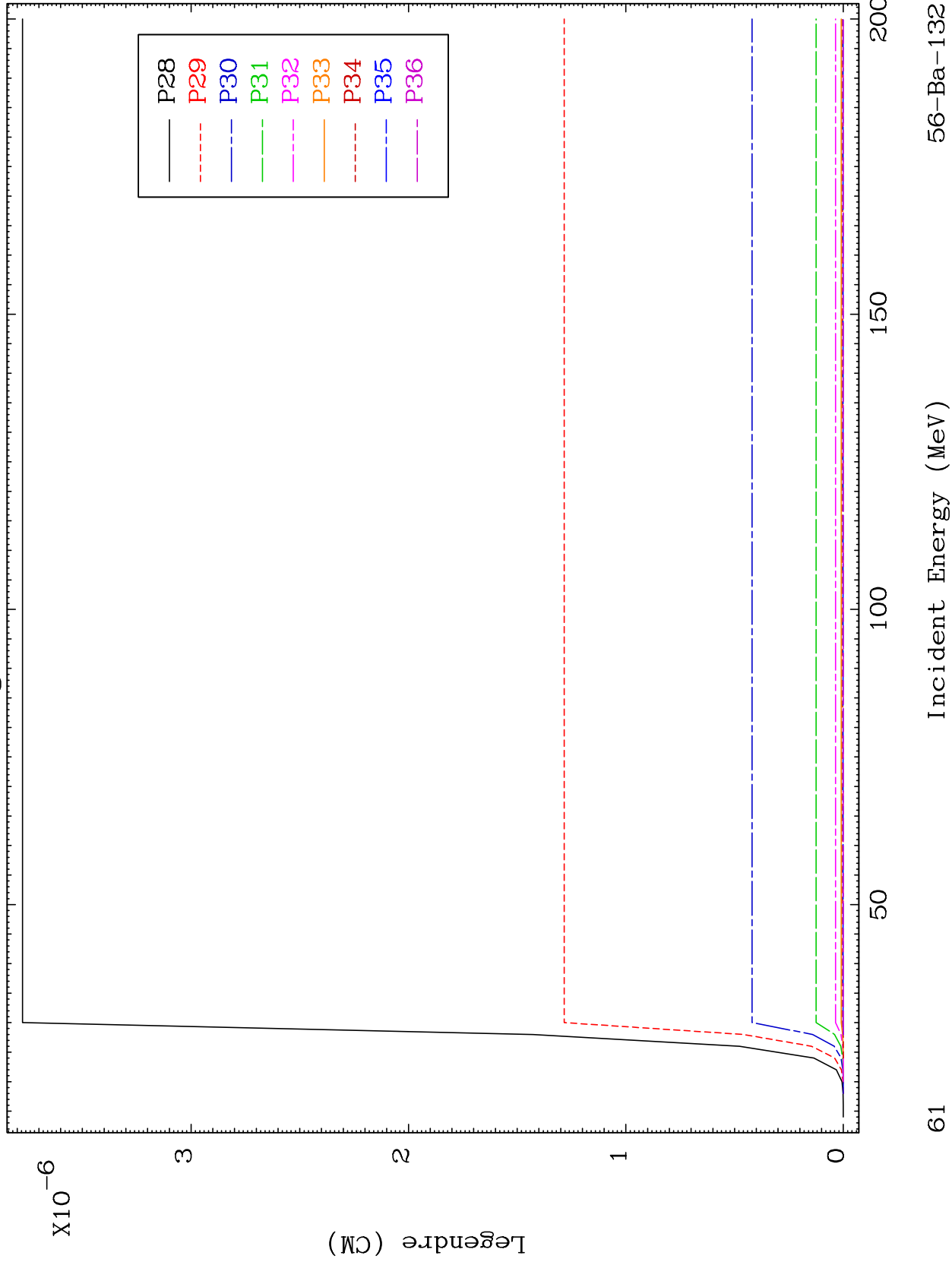
56-Ba-132



MAT 5631

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

56-Ba-132

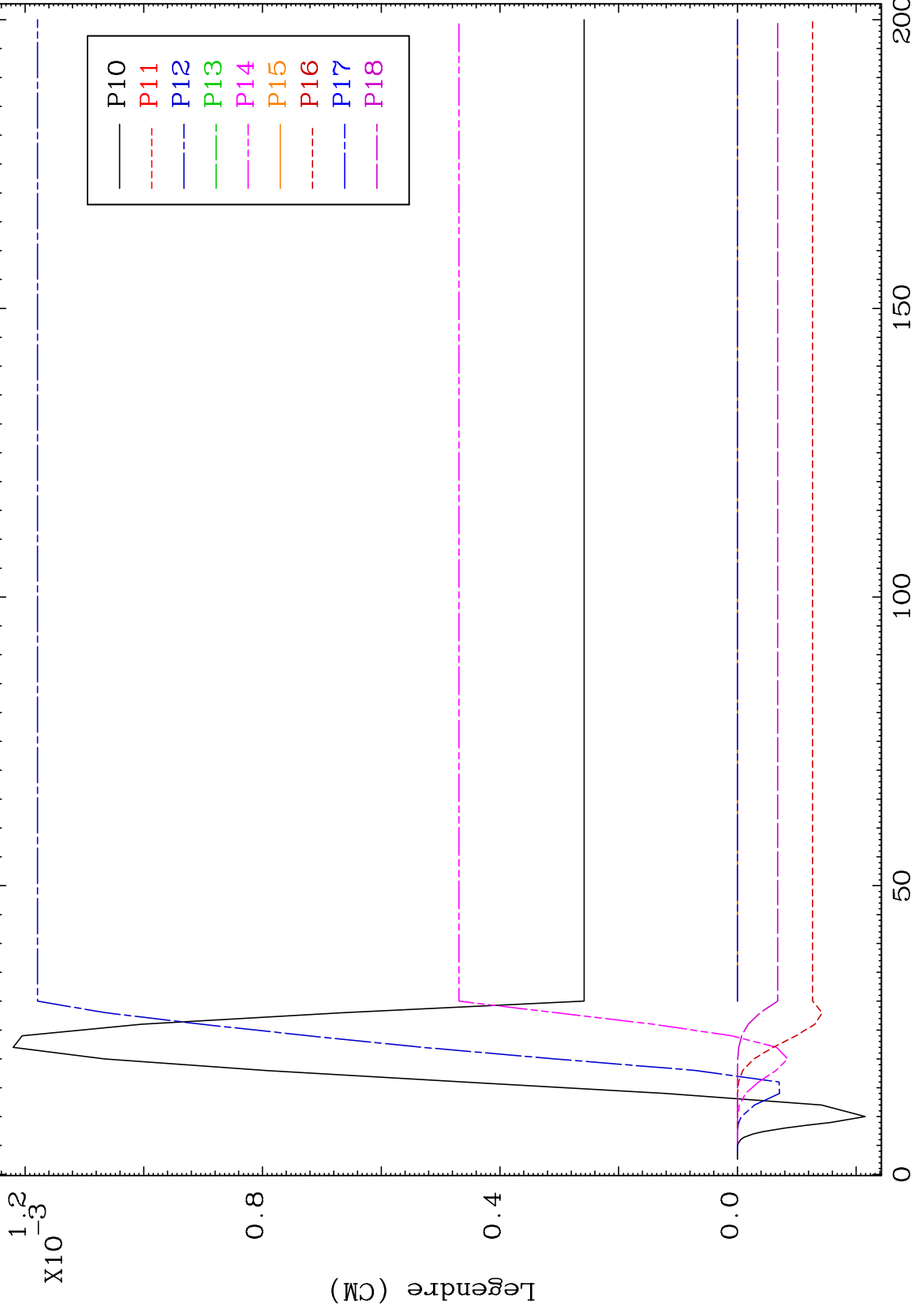




MAT 5631

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

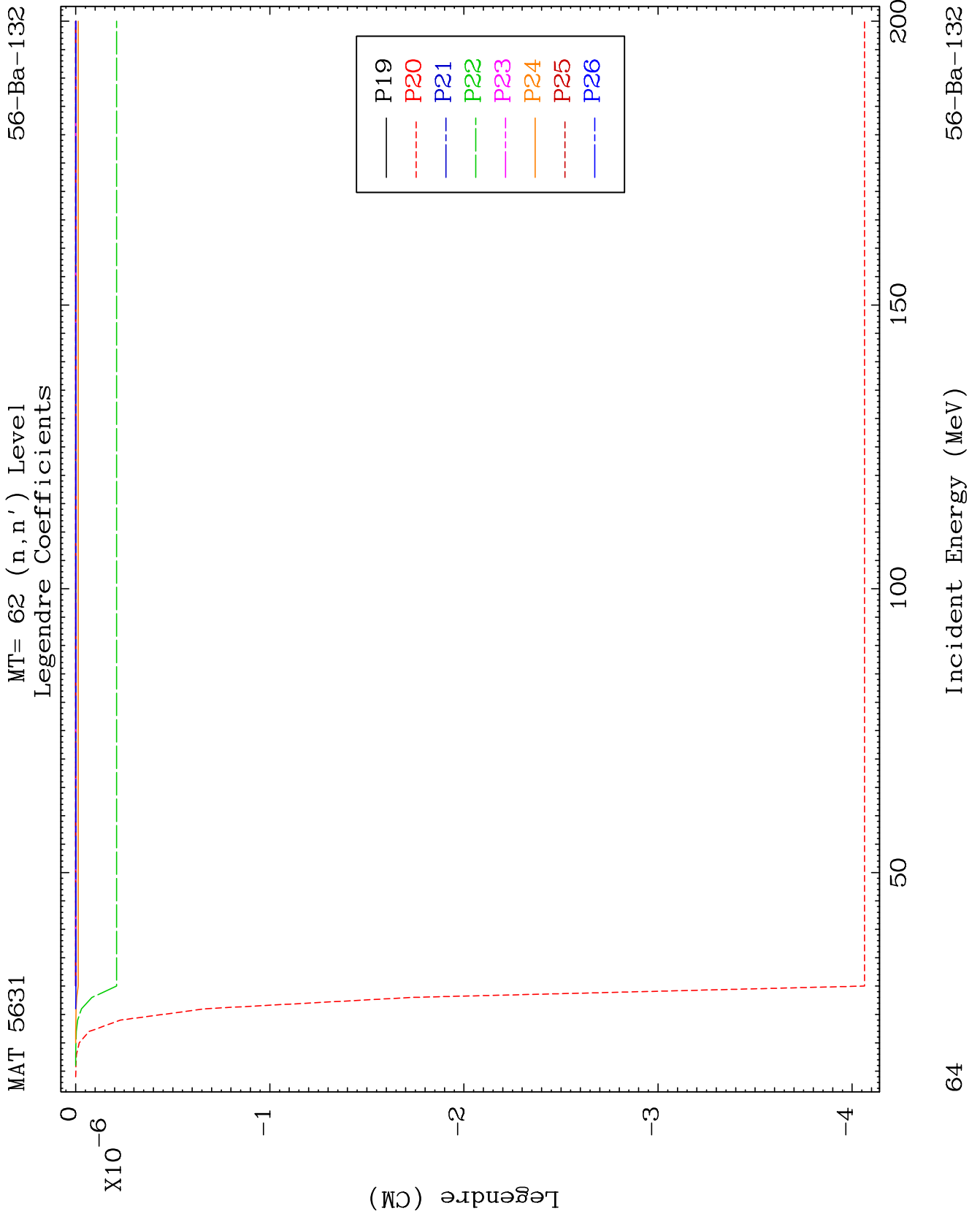
56-Ba-132

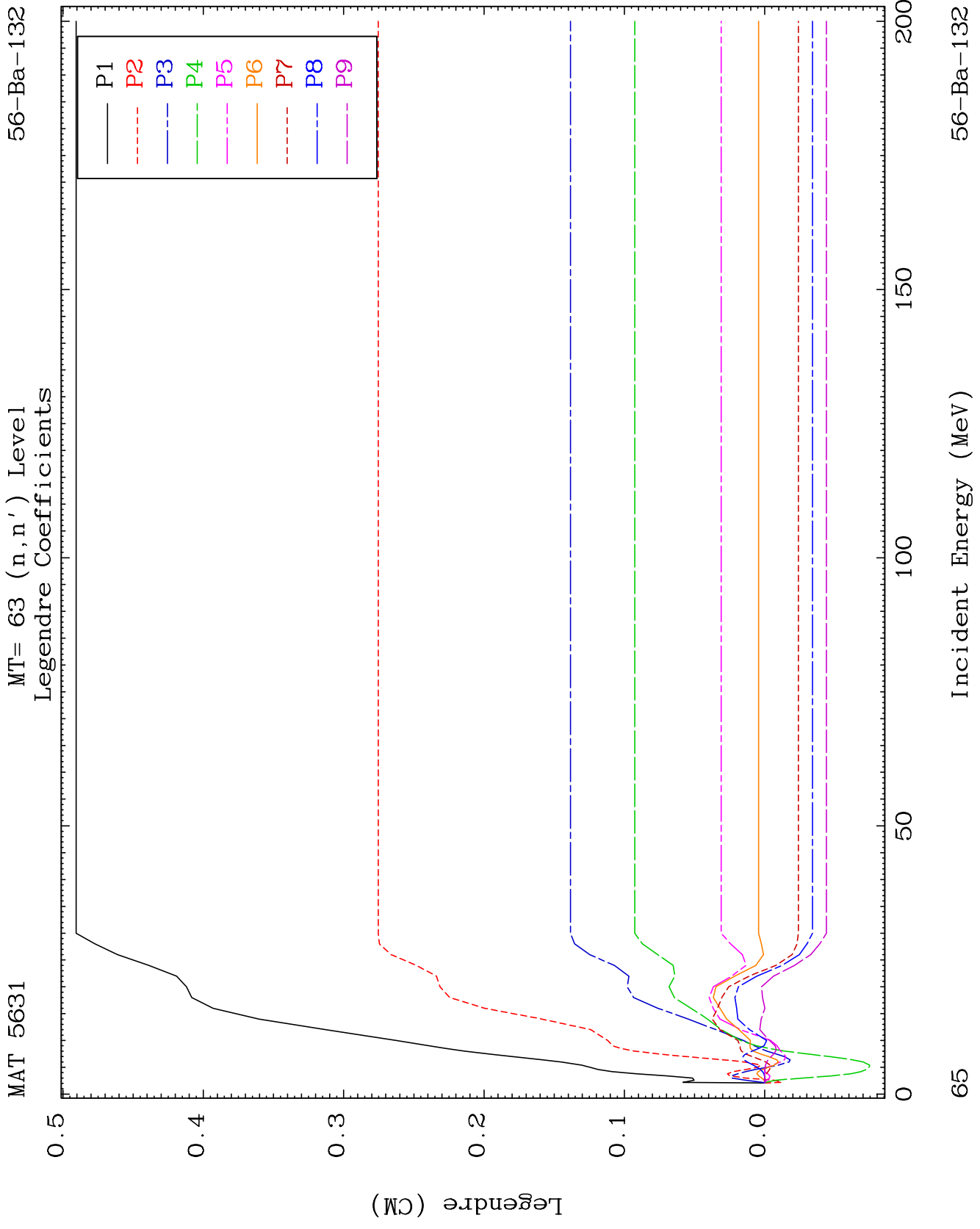


63

Incident Energy (MeV)

56-Ba-132

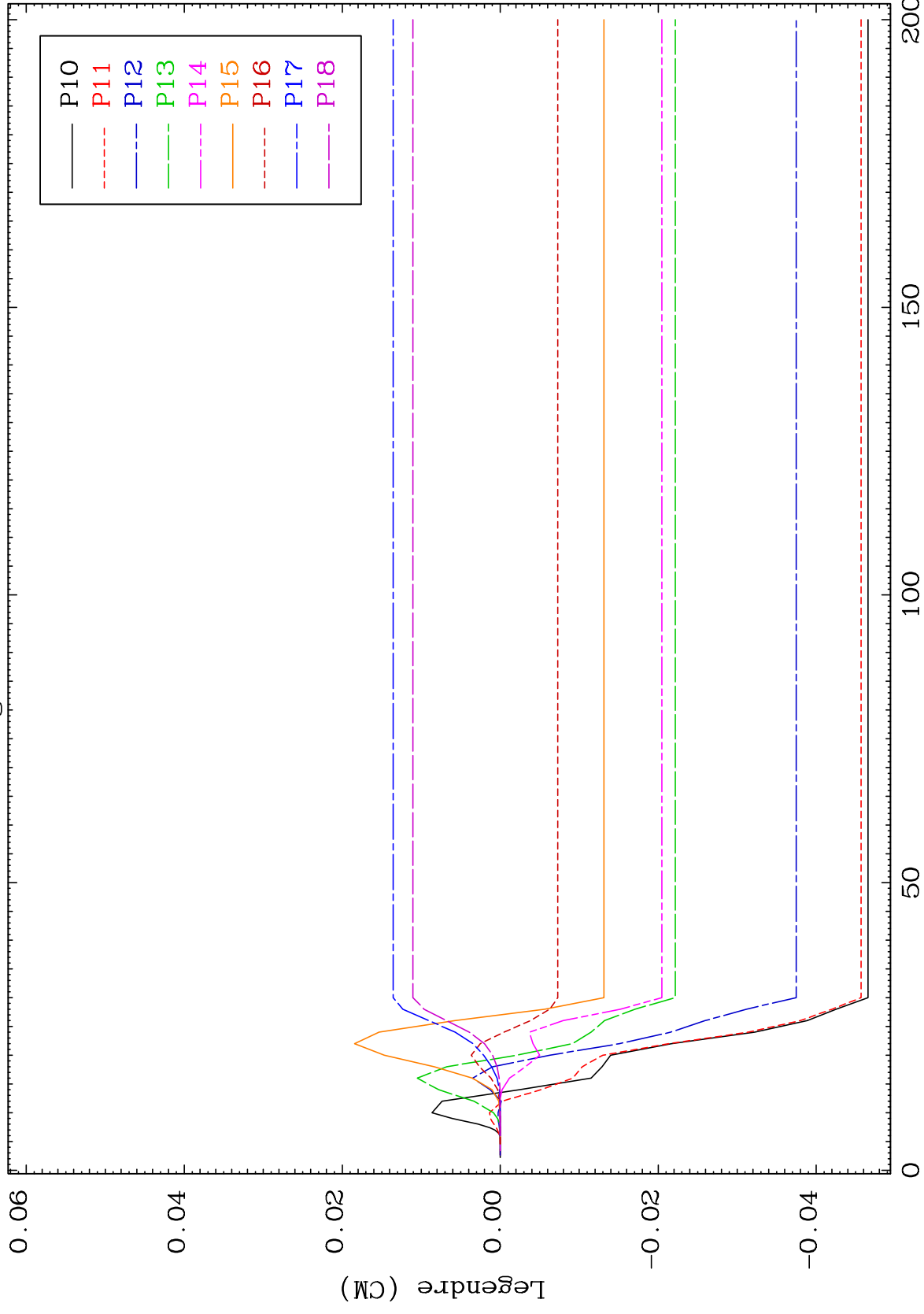




MAT 5631

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

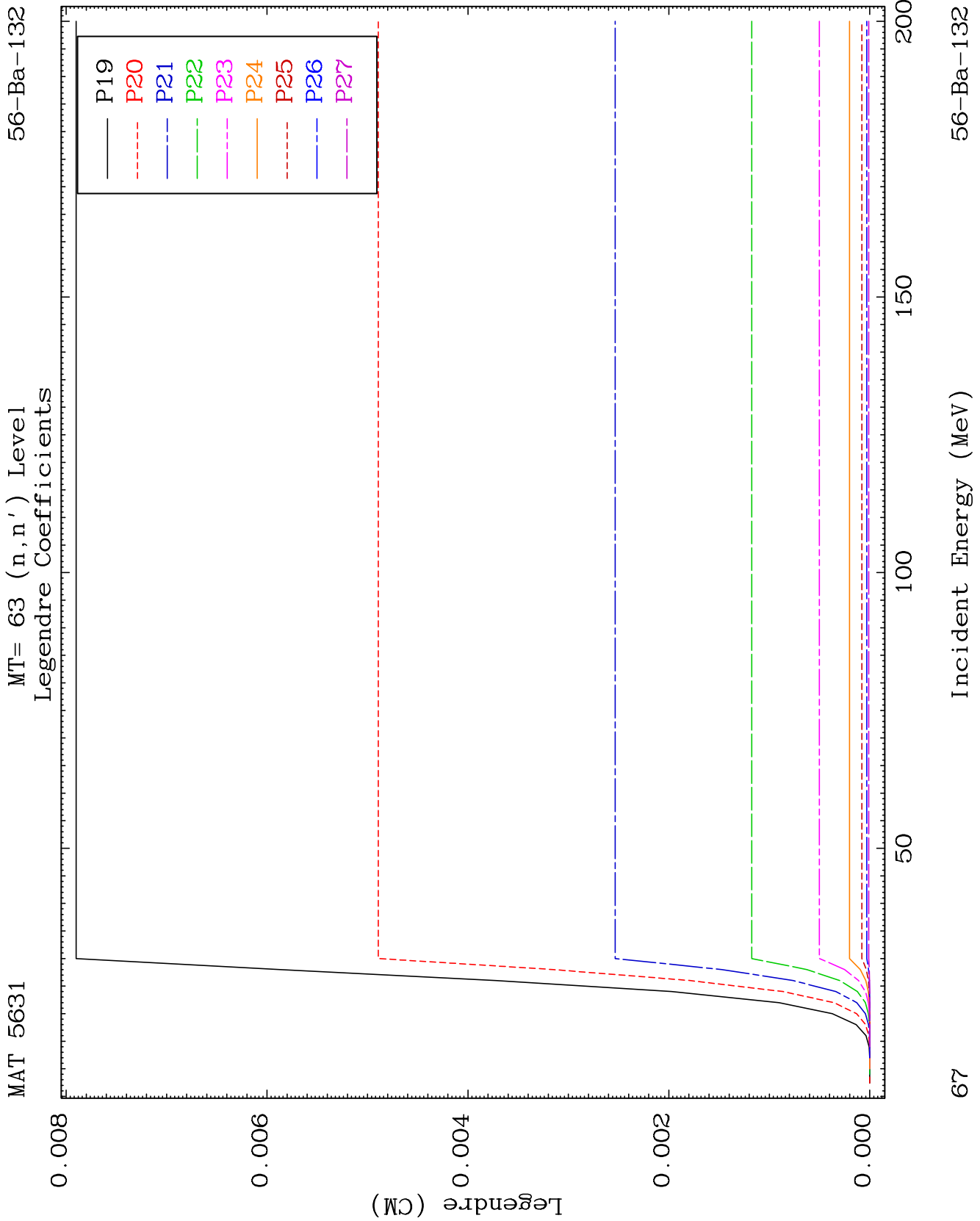
56-Ba-132



66

Incident Energy (MeV)

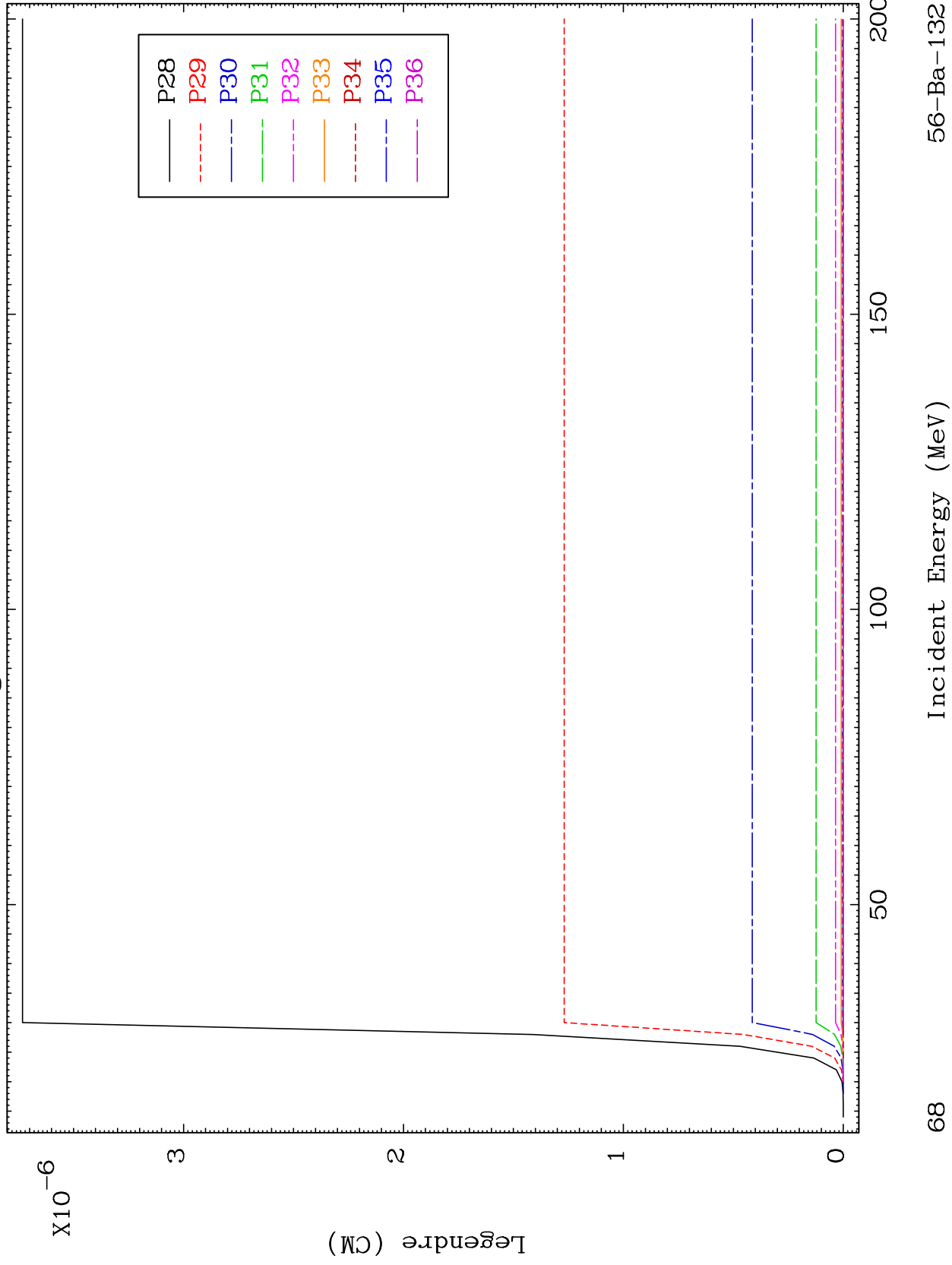
56-Ba-132



MAT 5631

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

56-Ba-132



68

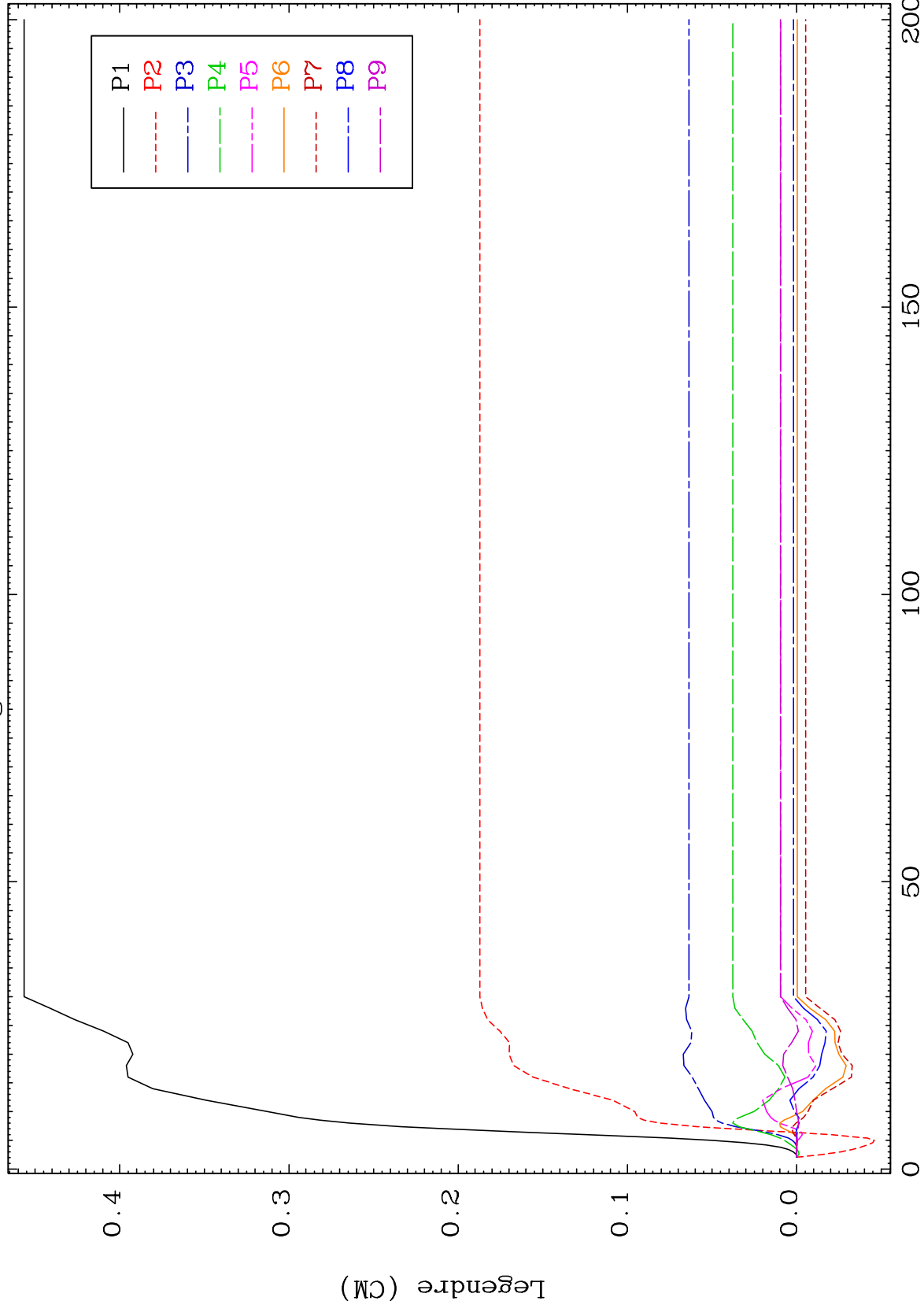
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



69

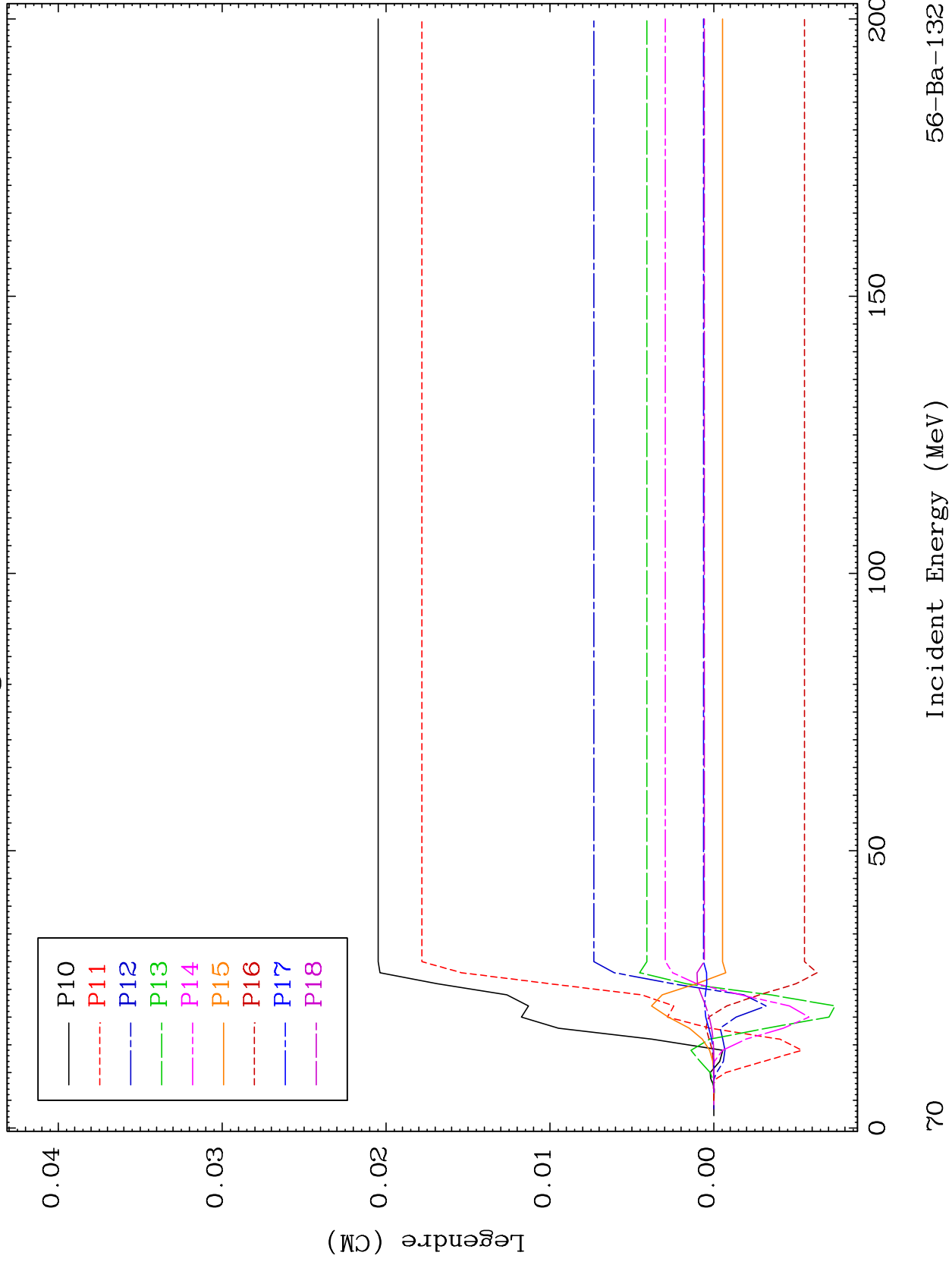
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



56-Ba-132

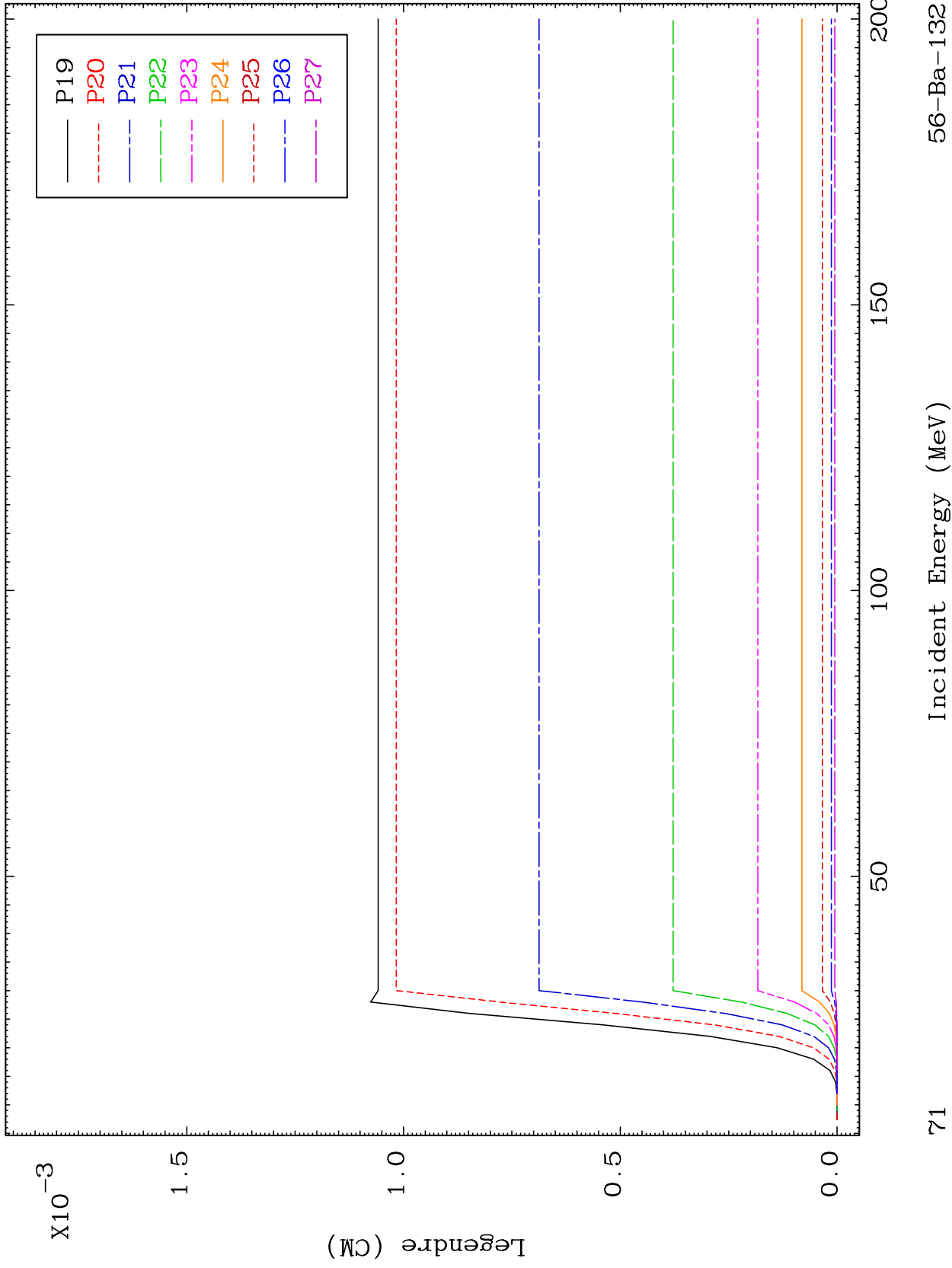
Incident Energy (MeV)

70

MAT 5631

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

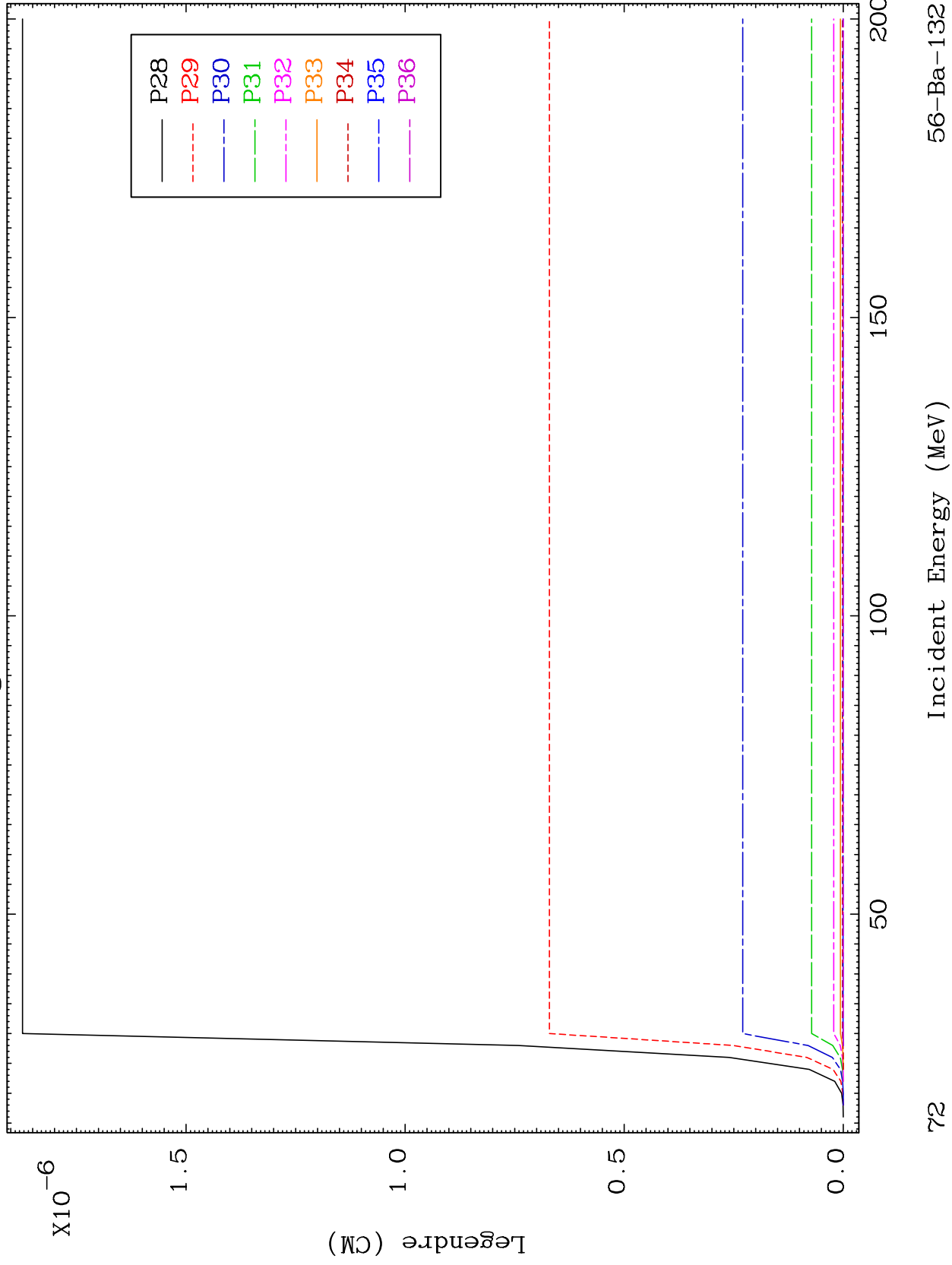
56-Ba-132



MAT 5631

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

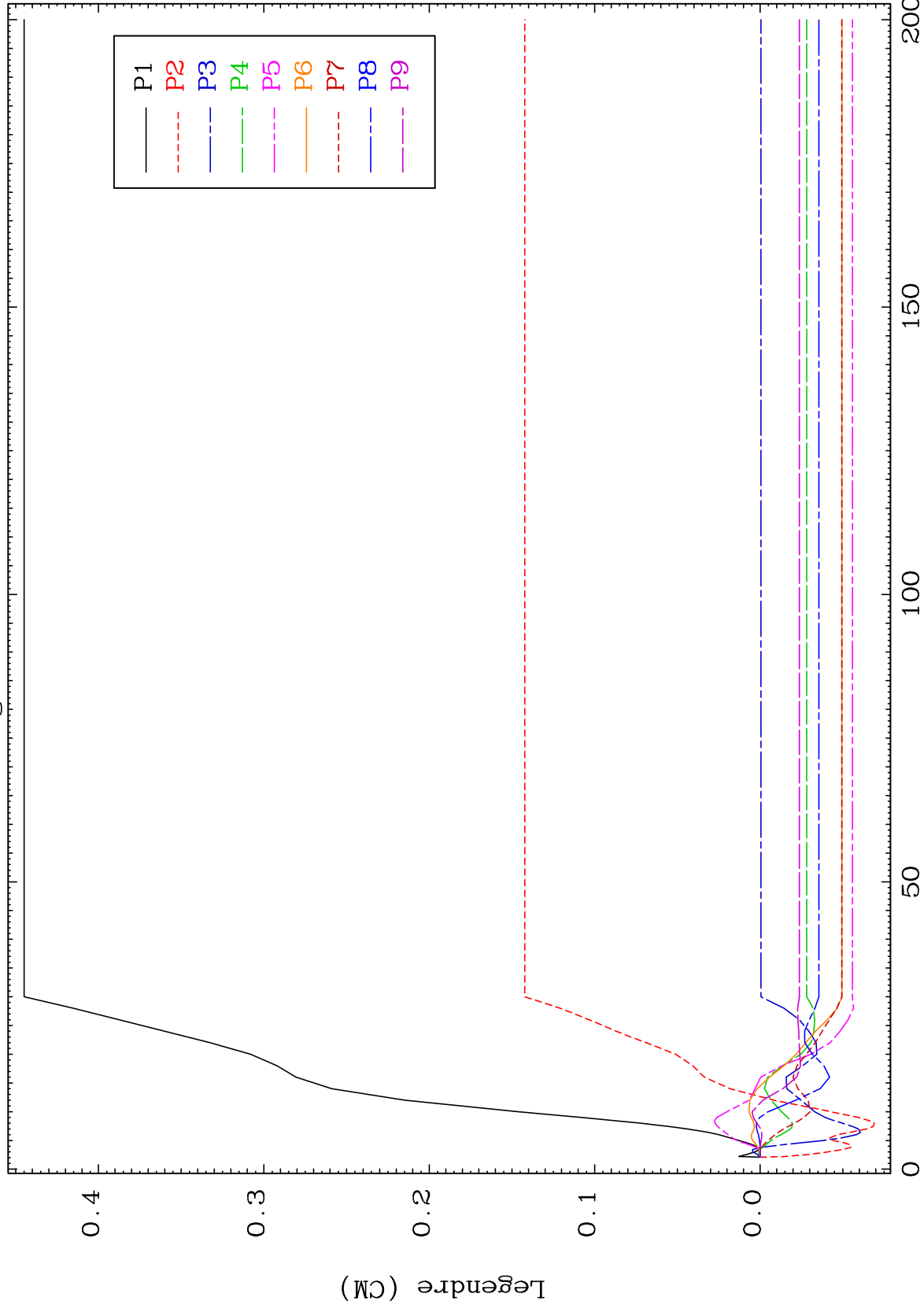
56-Ba-132



MAT 5631

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

56-Ba-132



73

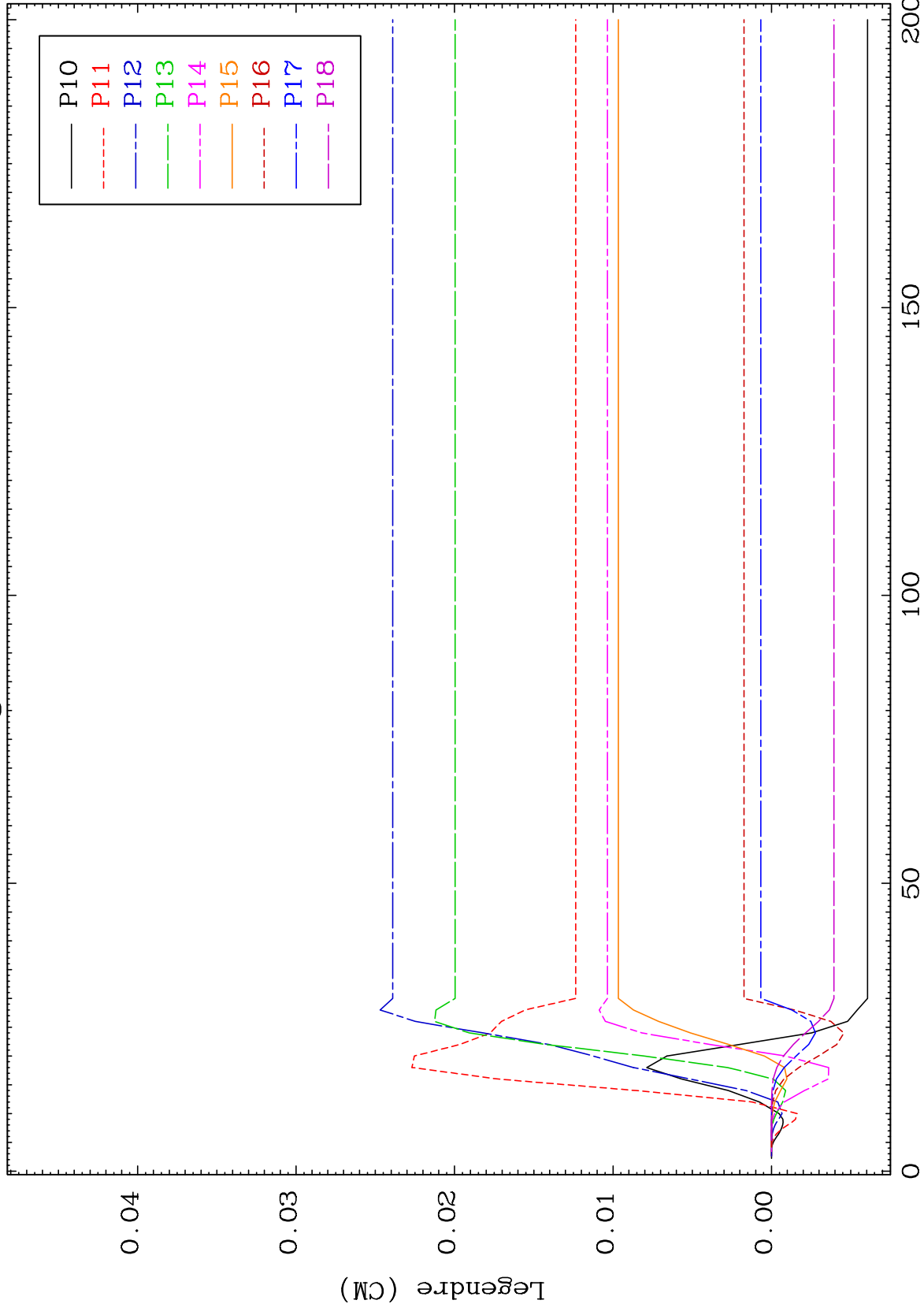
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



74

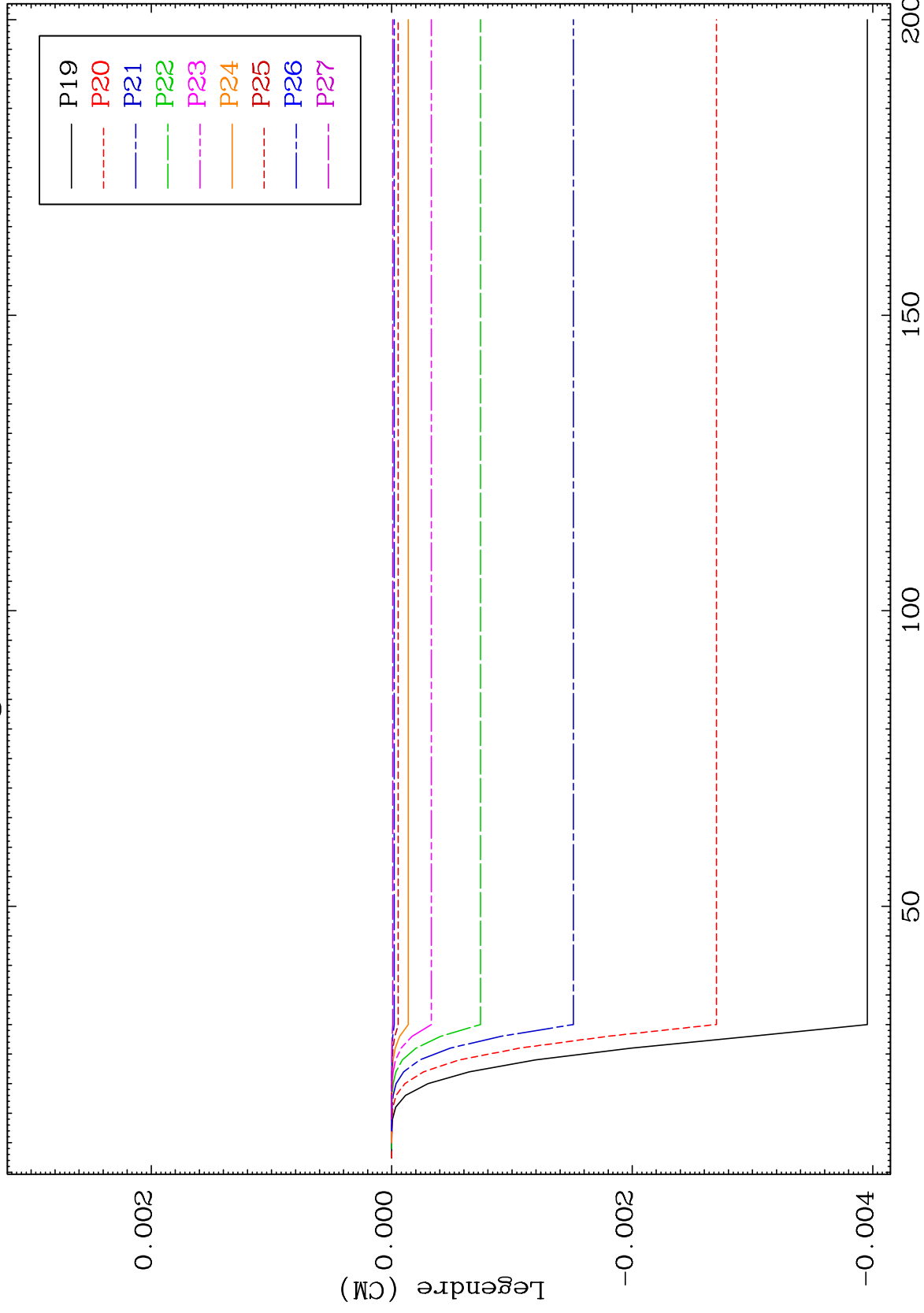
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



75

Incident Energy (MeV)

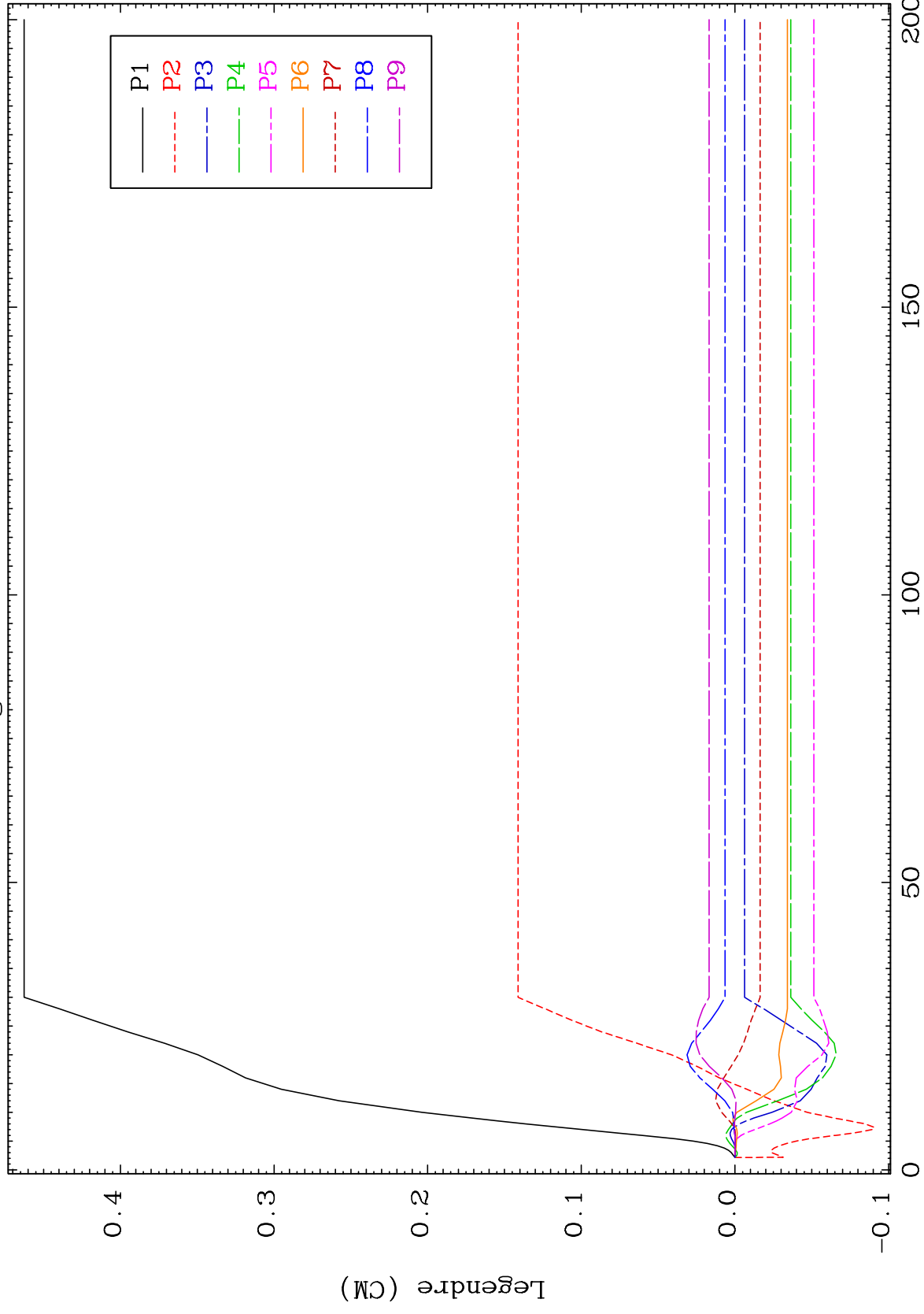
56-Ba-132



MAT 5631

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

56-Ba-132



77

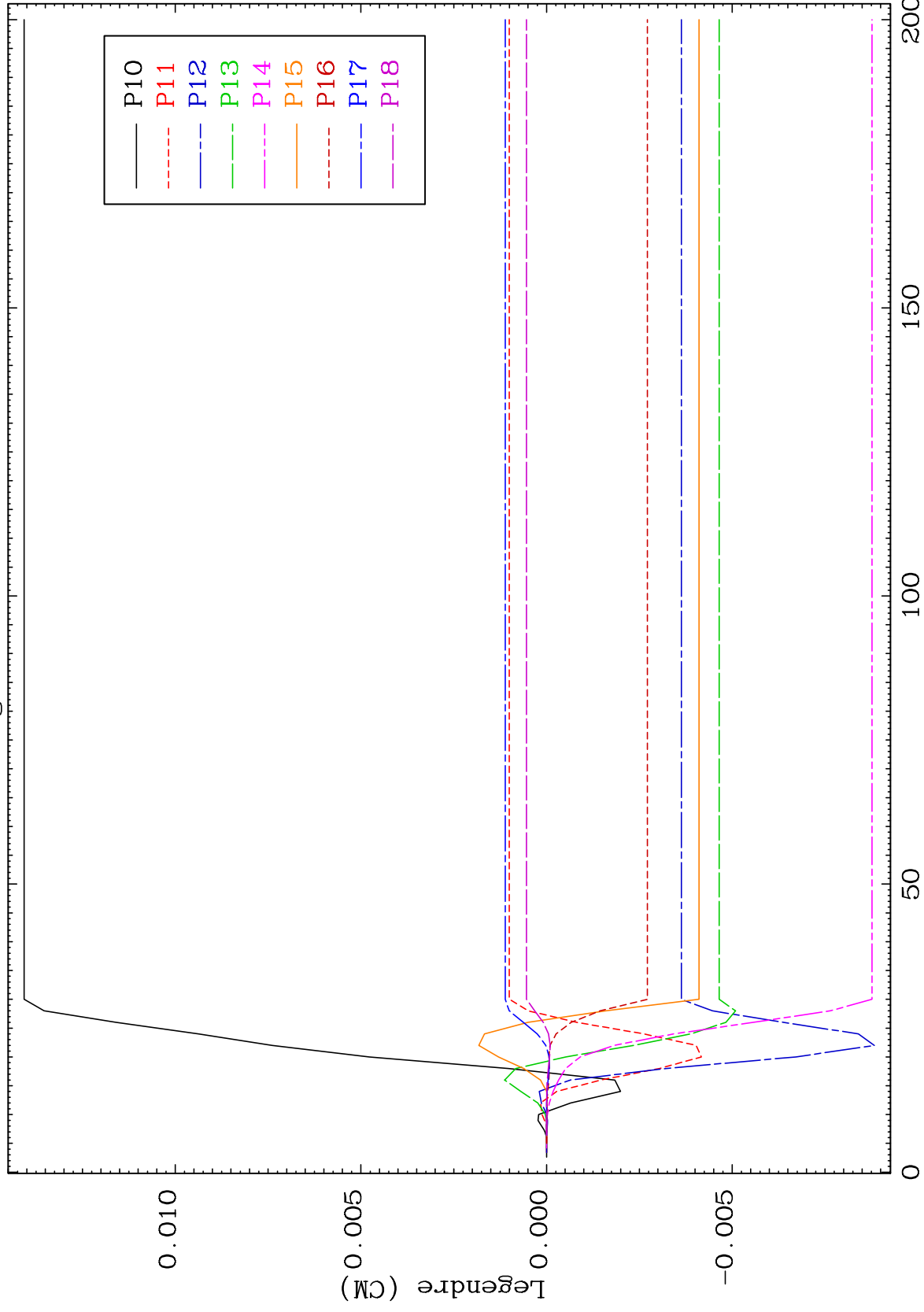
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



78

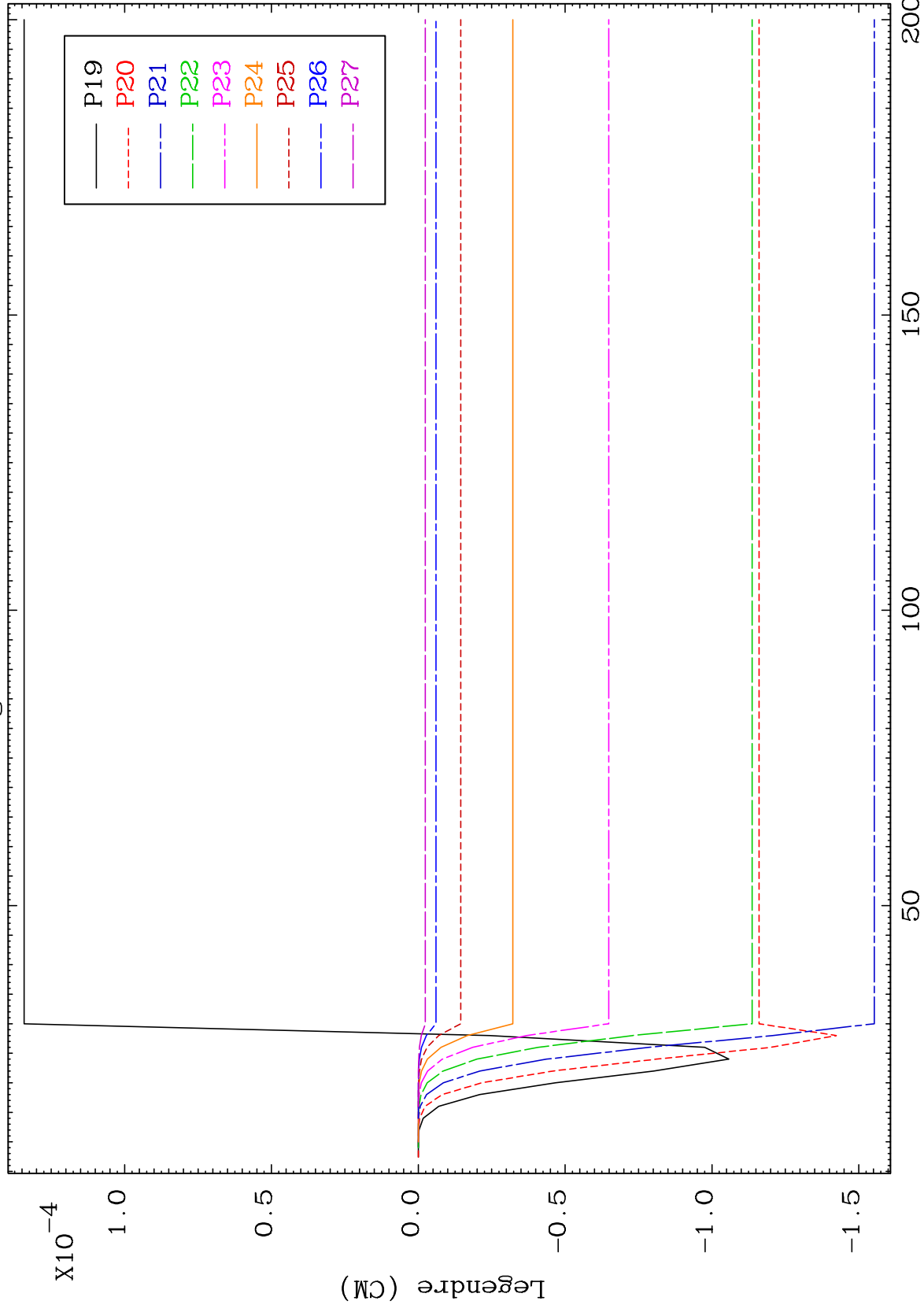
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

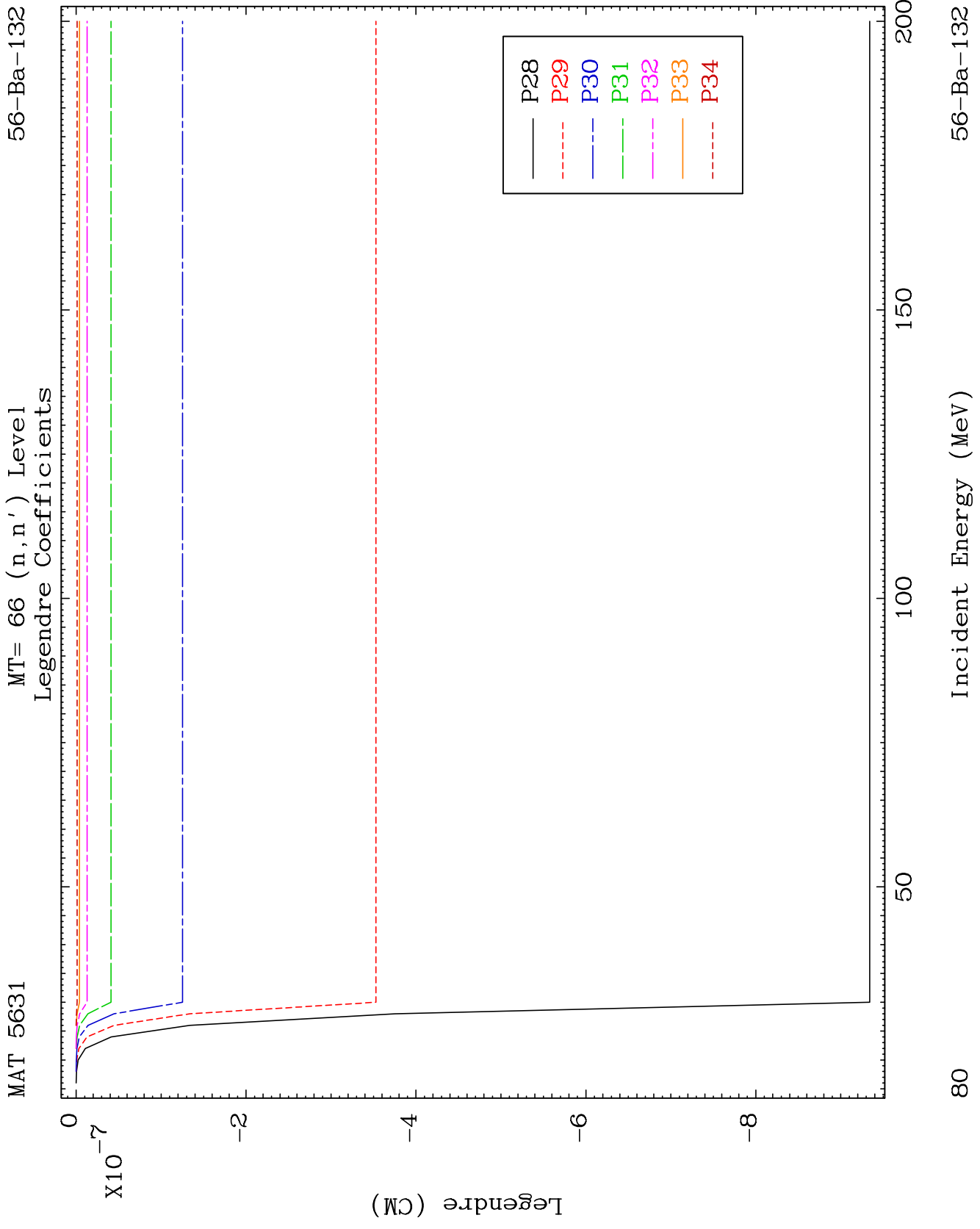
56-Ba-132



79

Incident Energy (MeV)

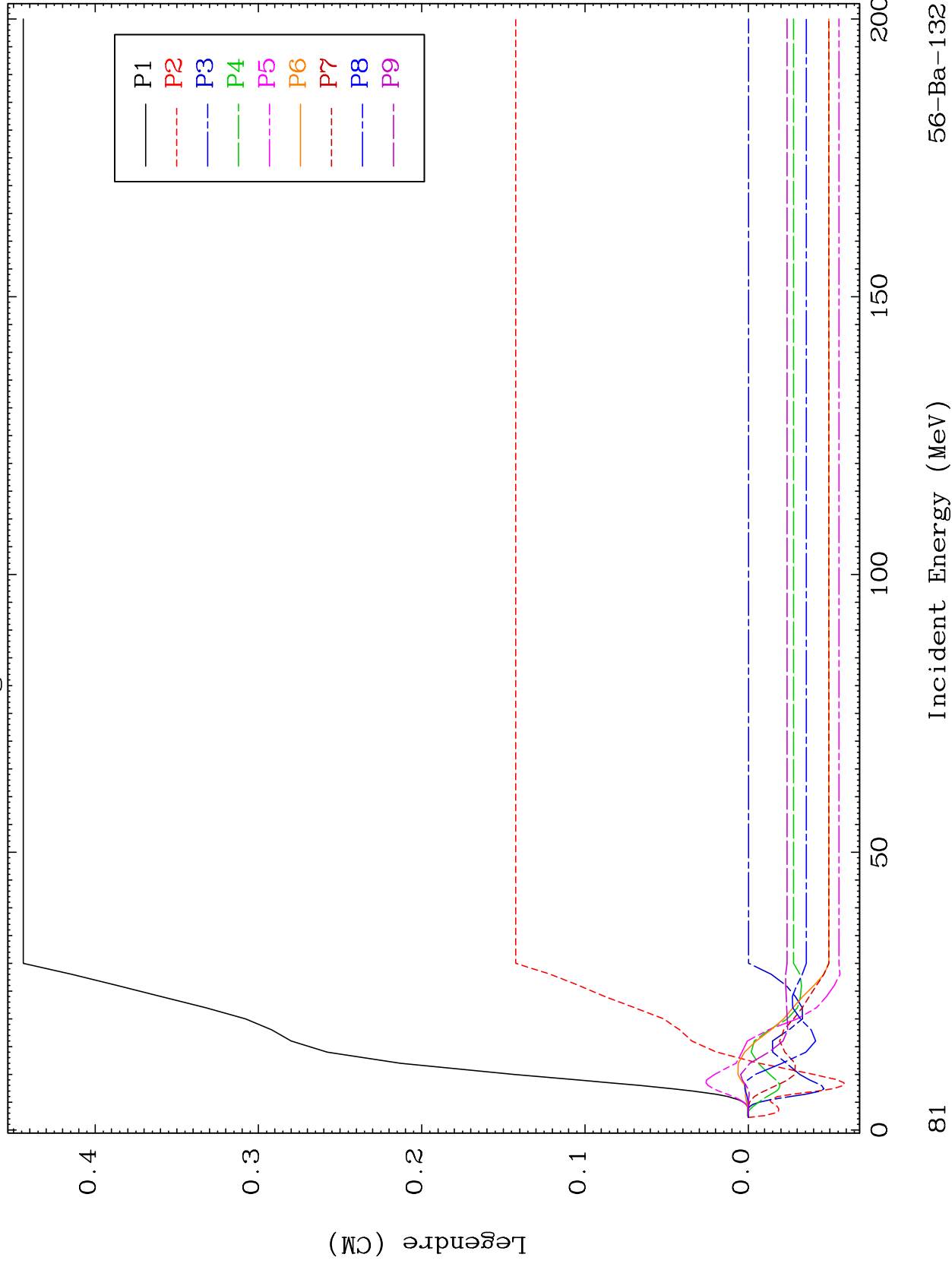
56-Ba-132



MAT 5631

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

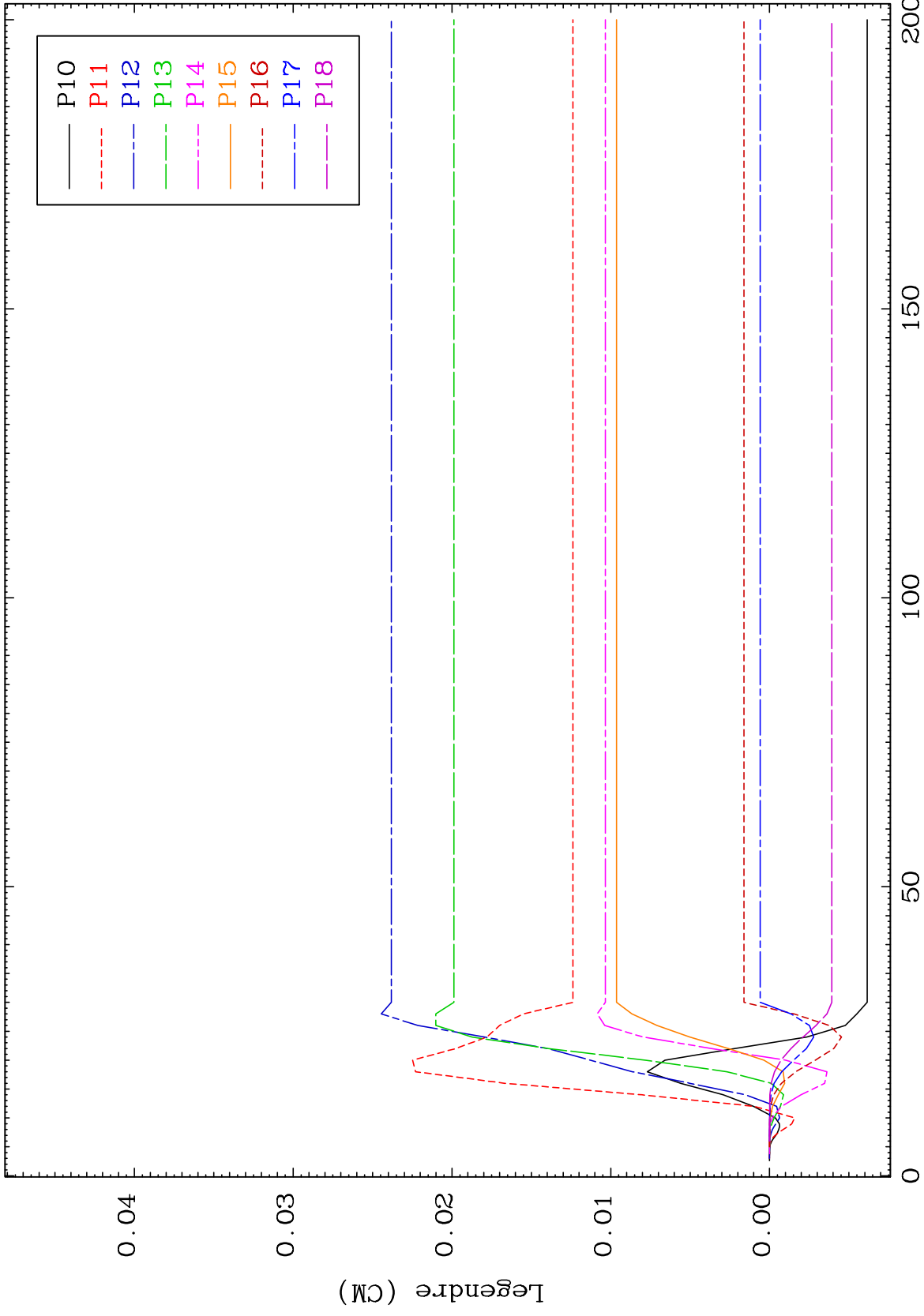
56-Ba-132



MAT 5631

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

56-Ba-132



82

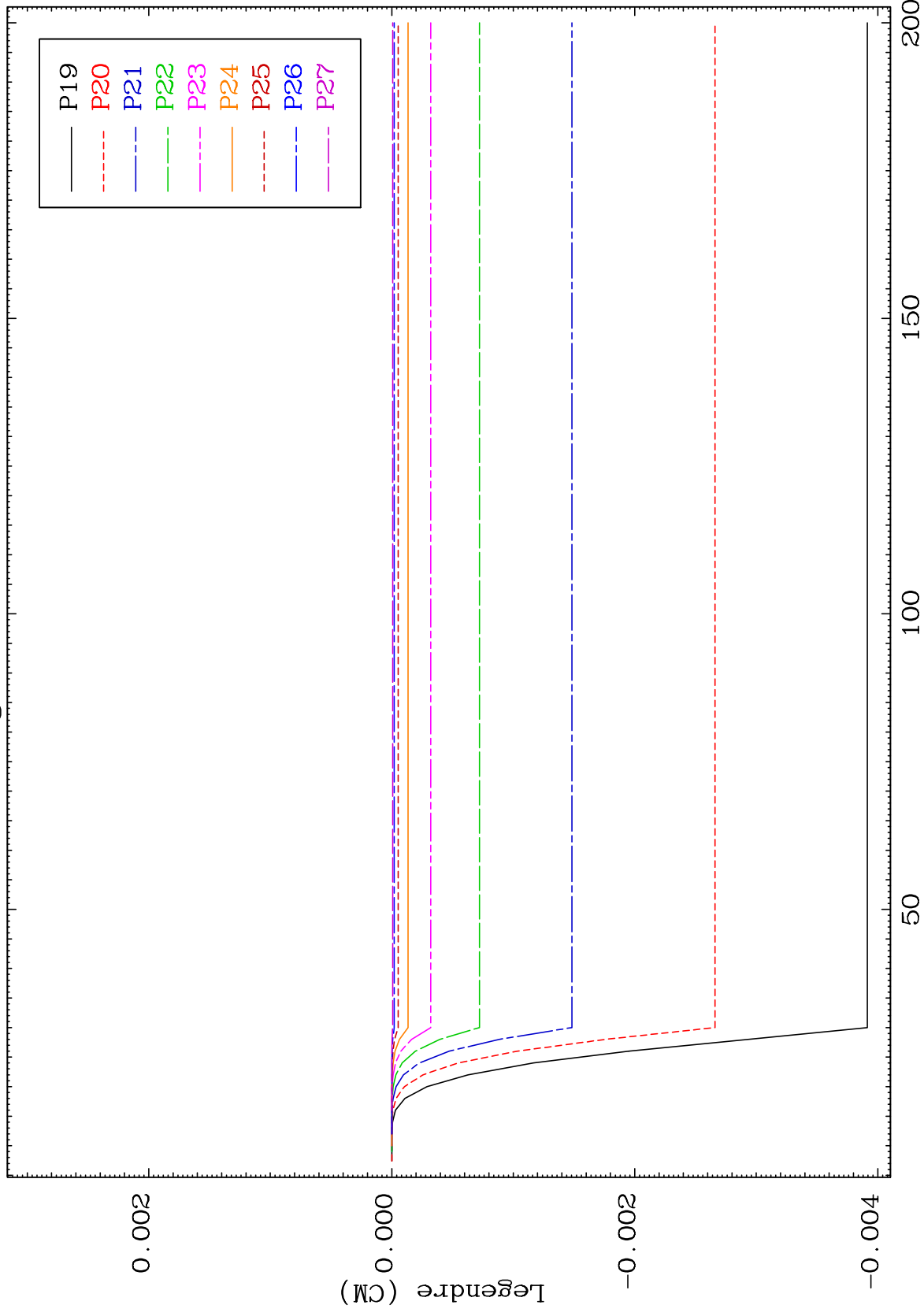
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

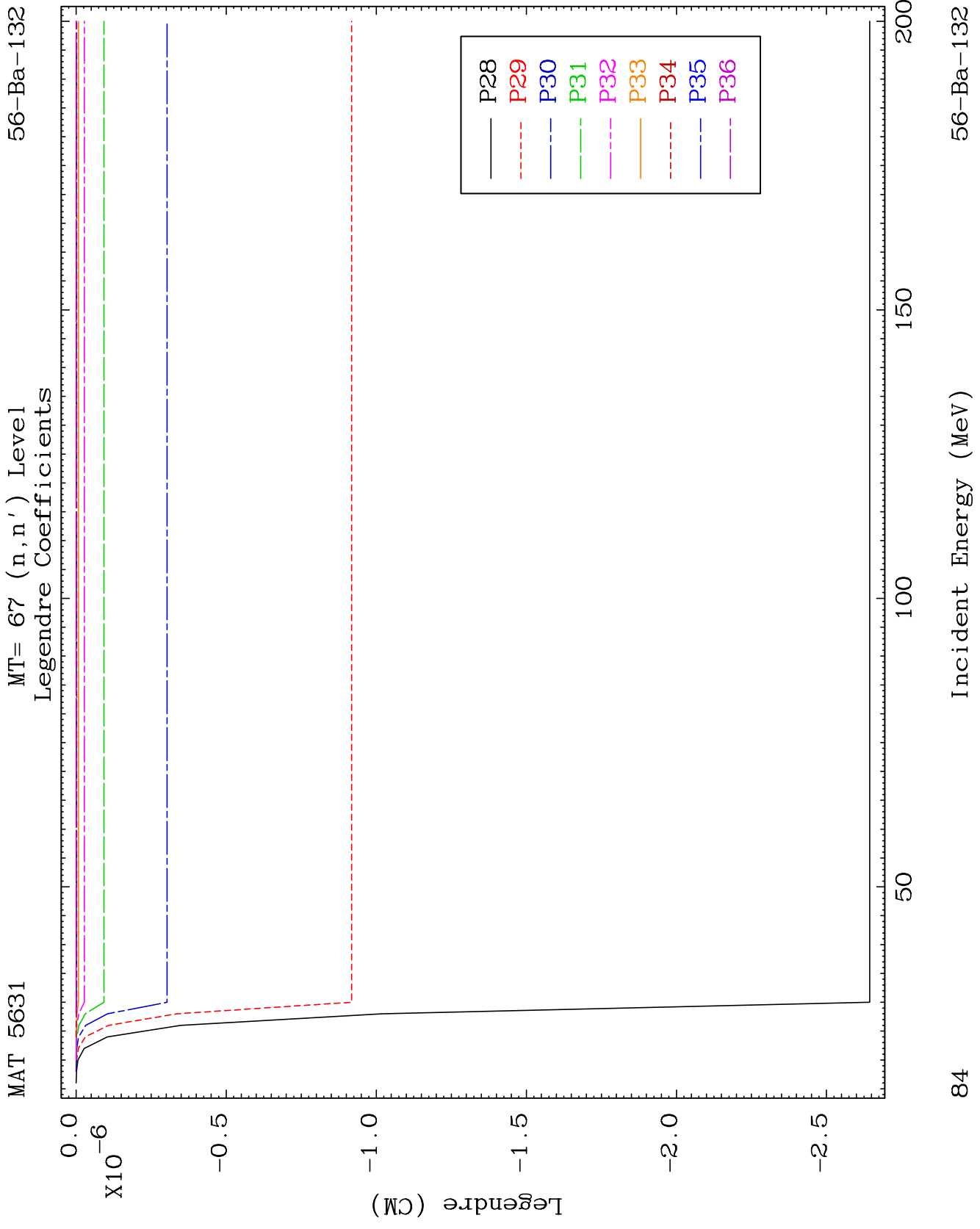
56-Ba-132



83

Incident Energy (MeV)

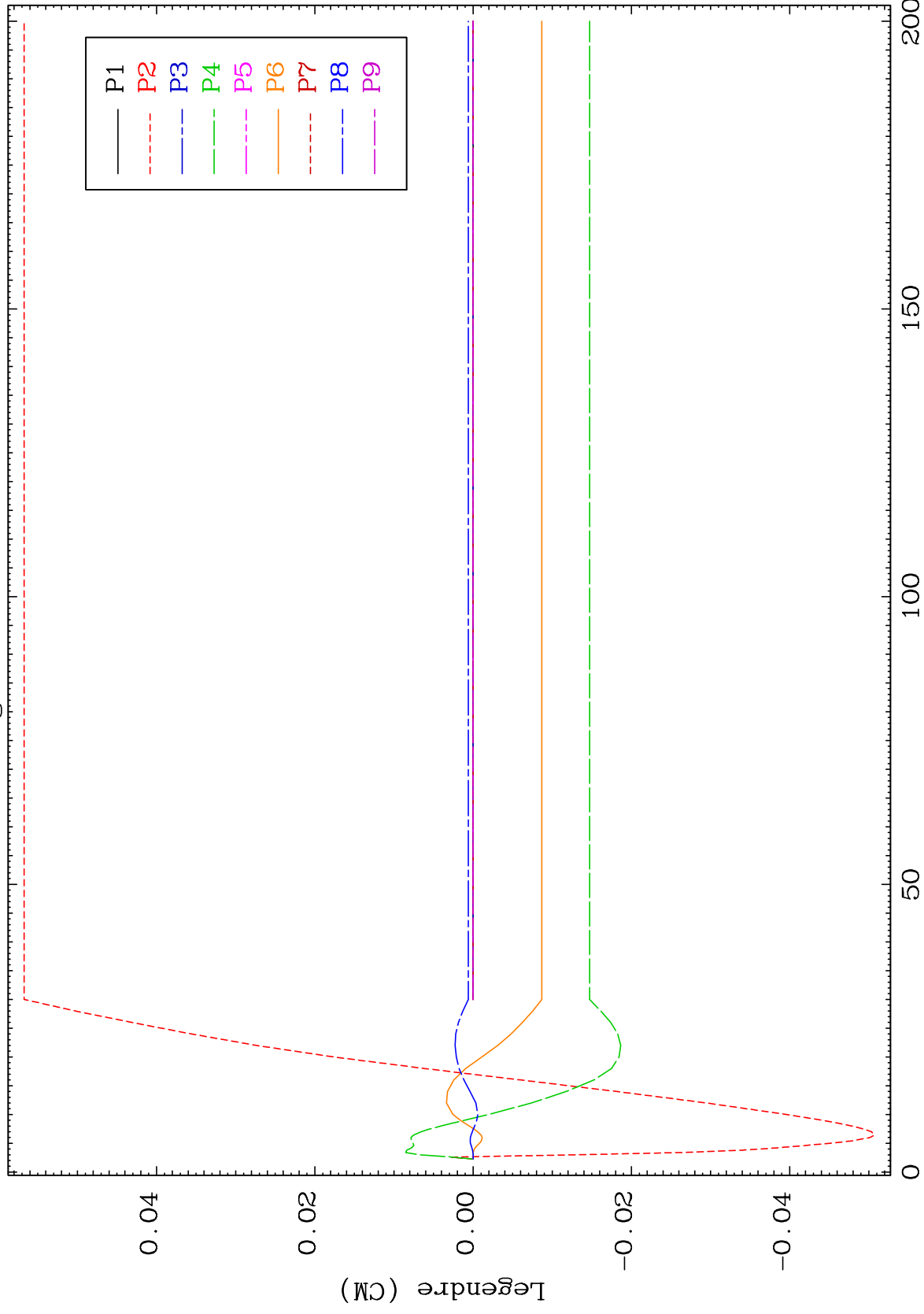
56-Ba-132



MAT 5631

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

56-Ba-132



85

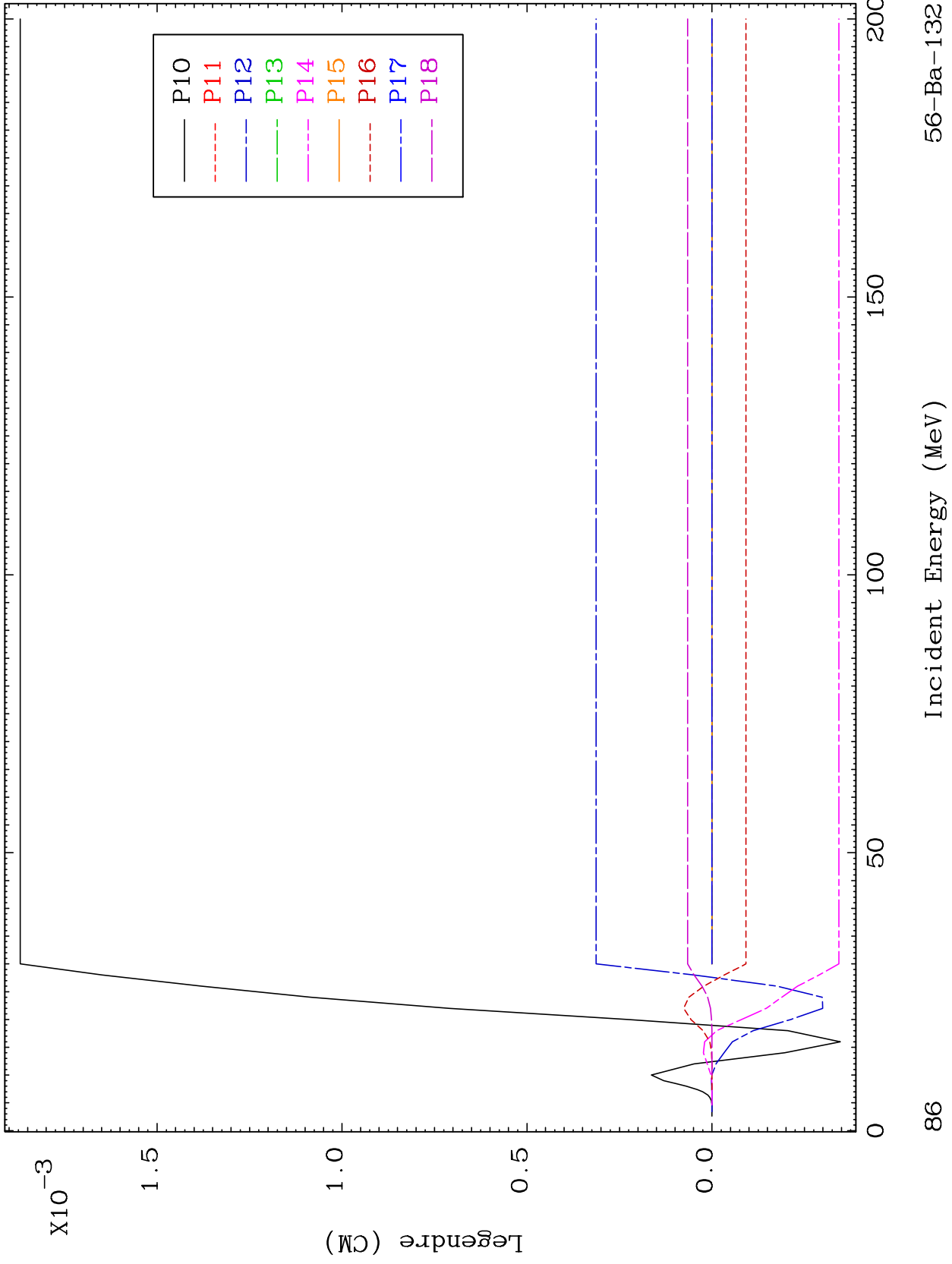
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132

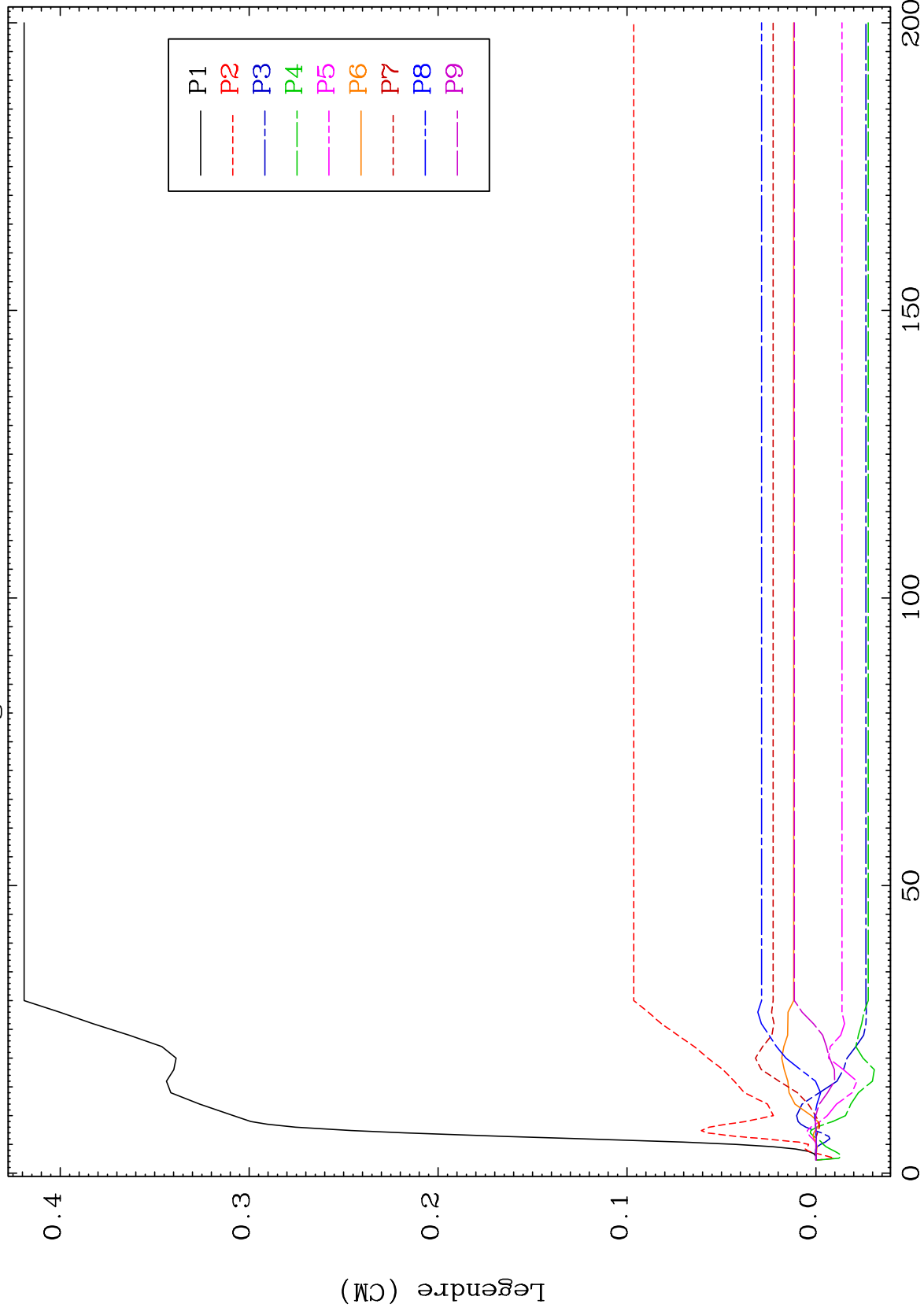




MAT 5631

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

56-Ba-132



88

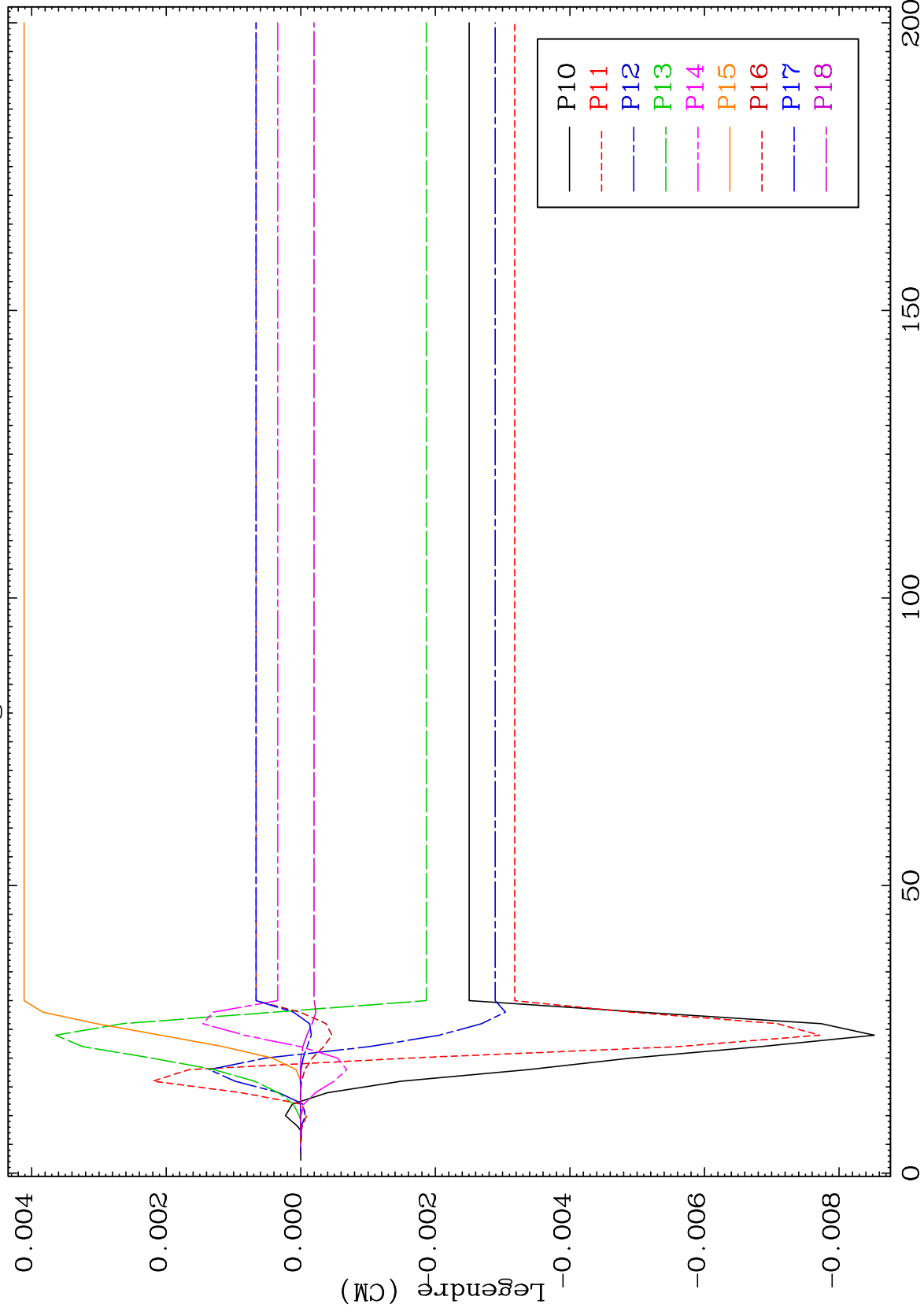
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

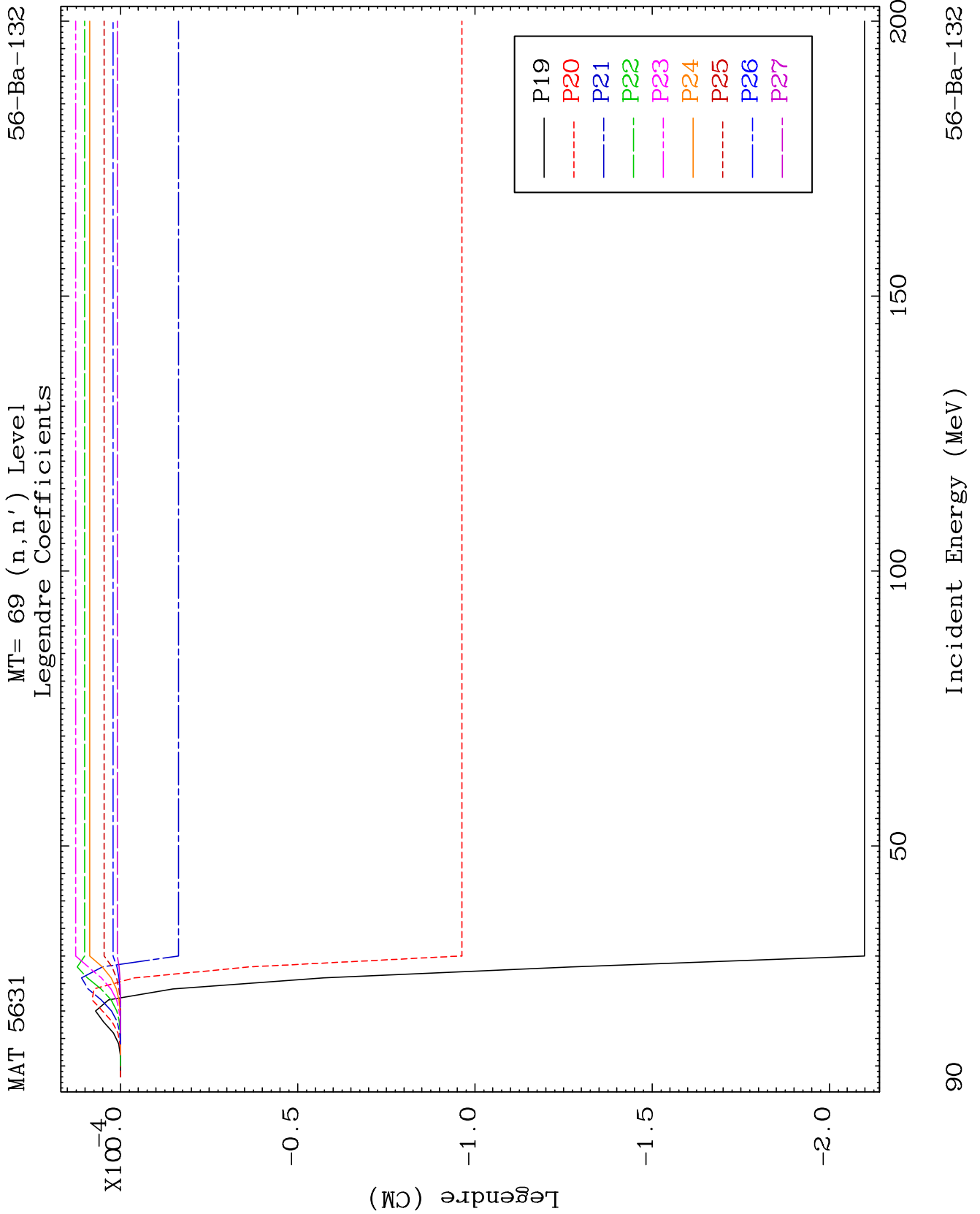
56-Ba-132



89

Incident Energy (MeV)

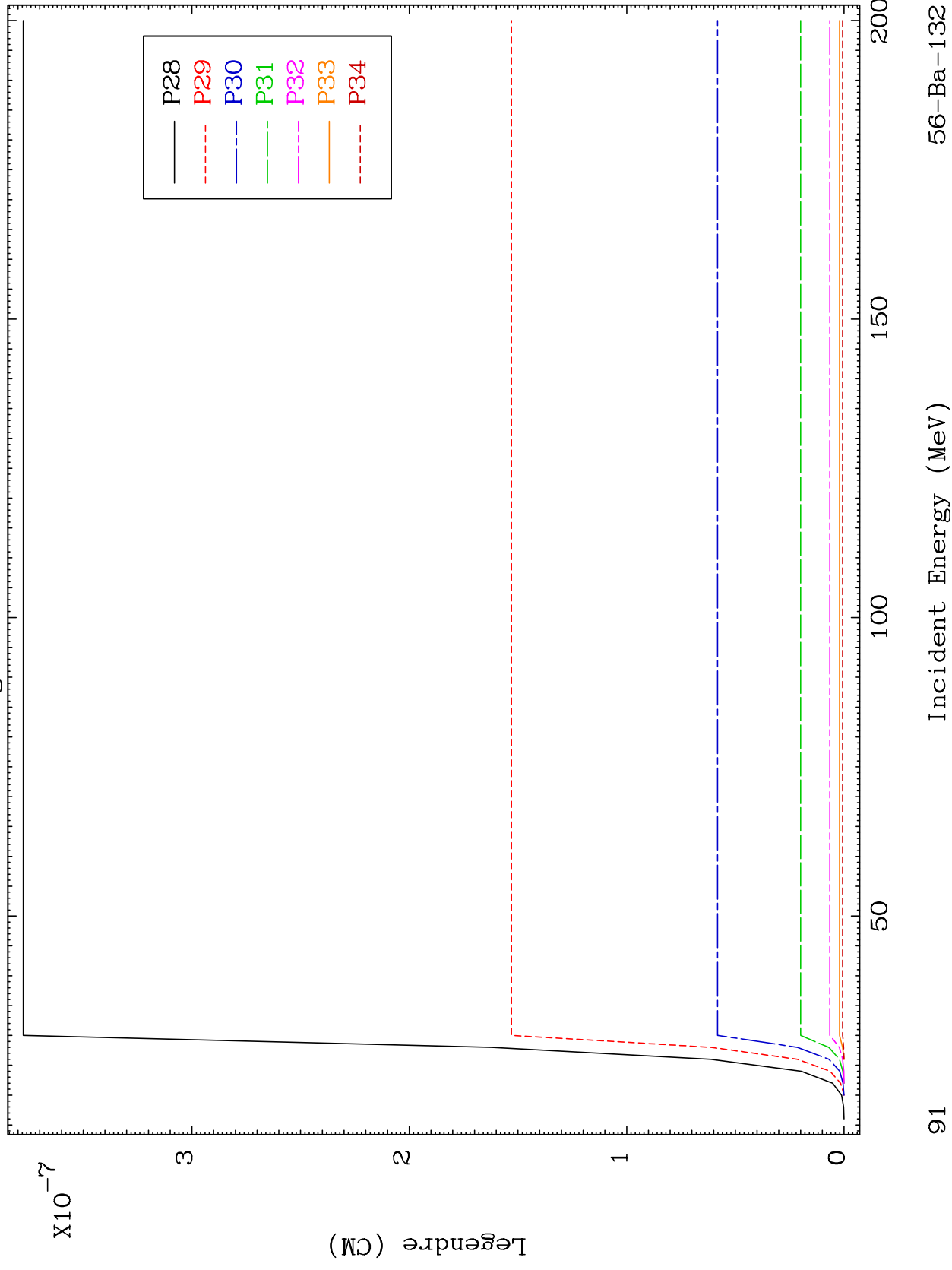
56-Ba-132

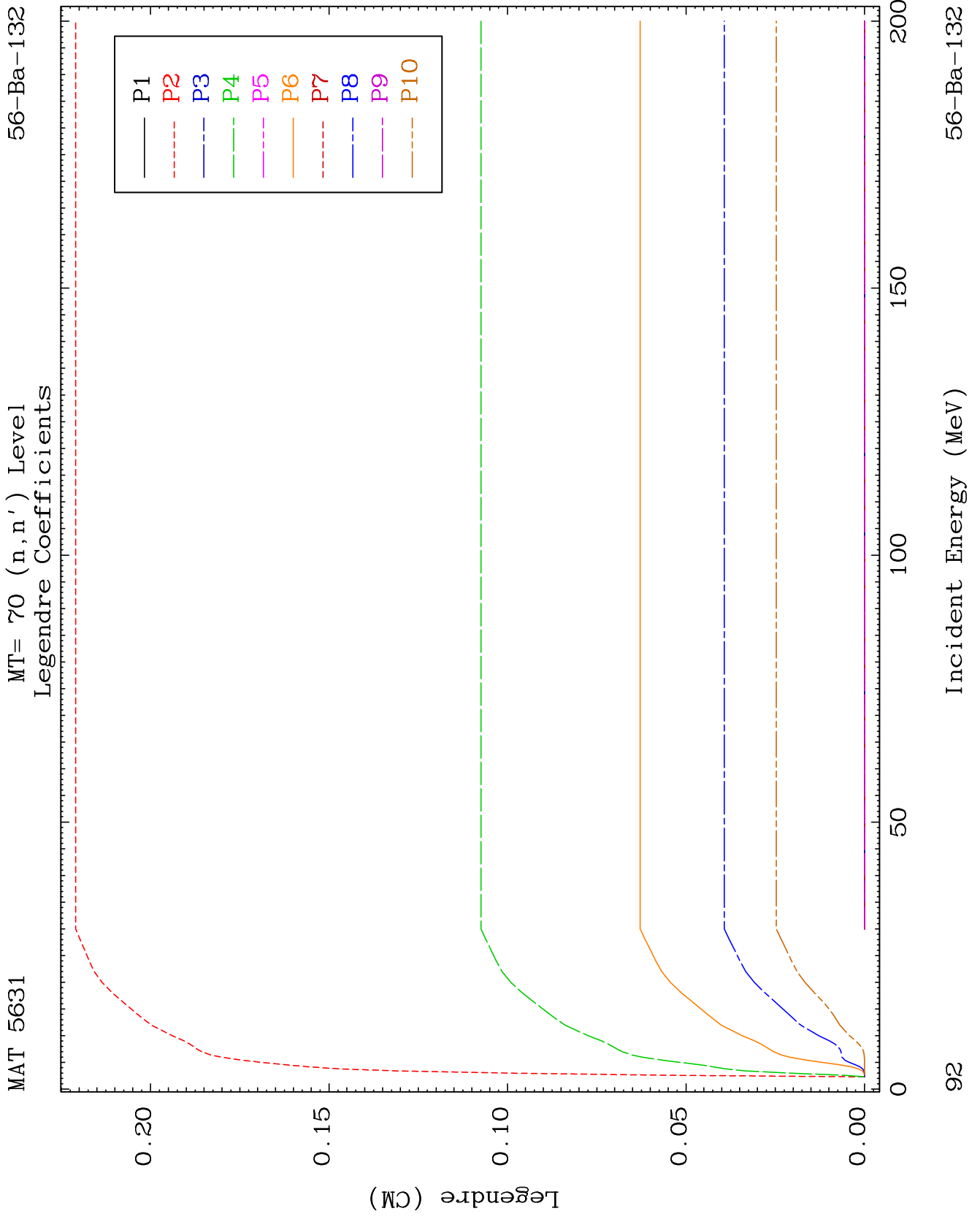


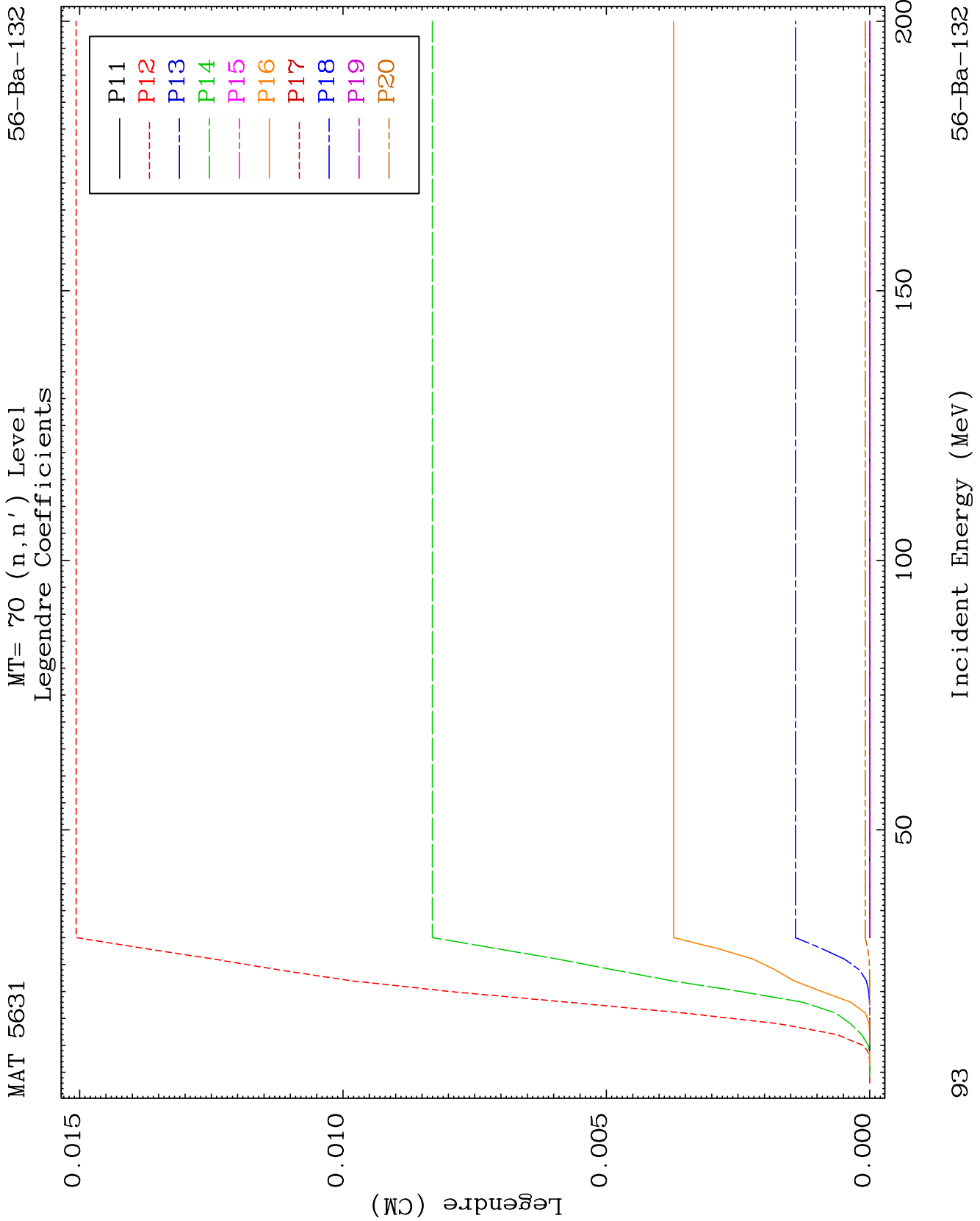
MAT 5631

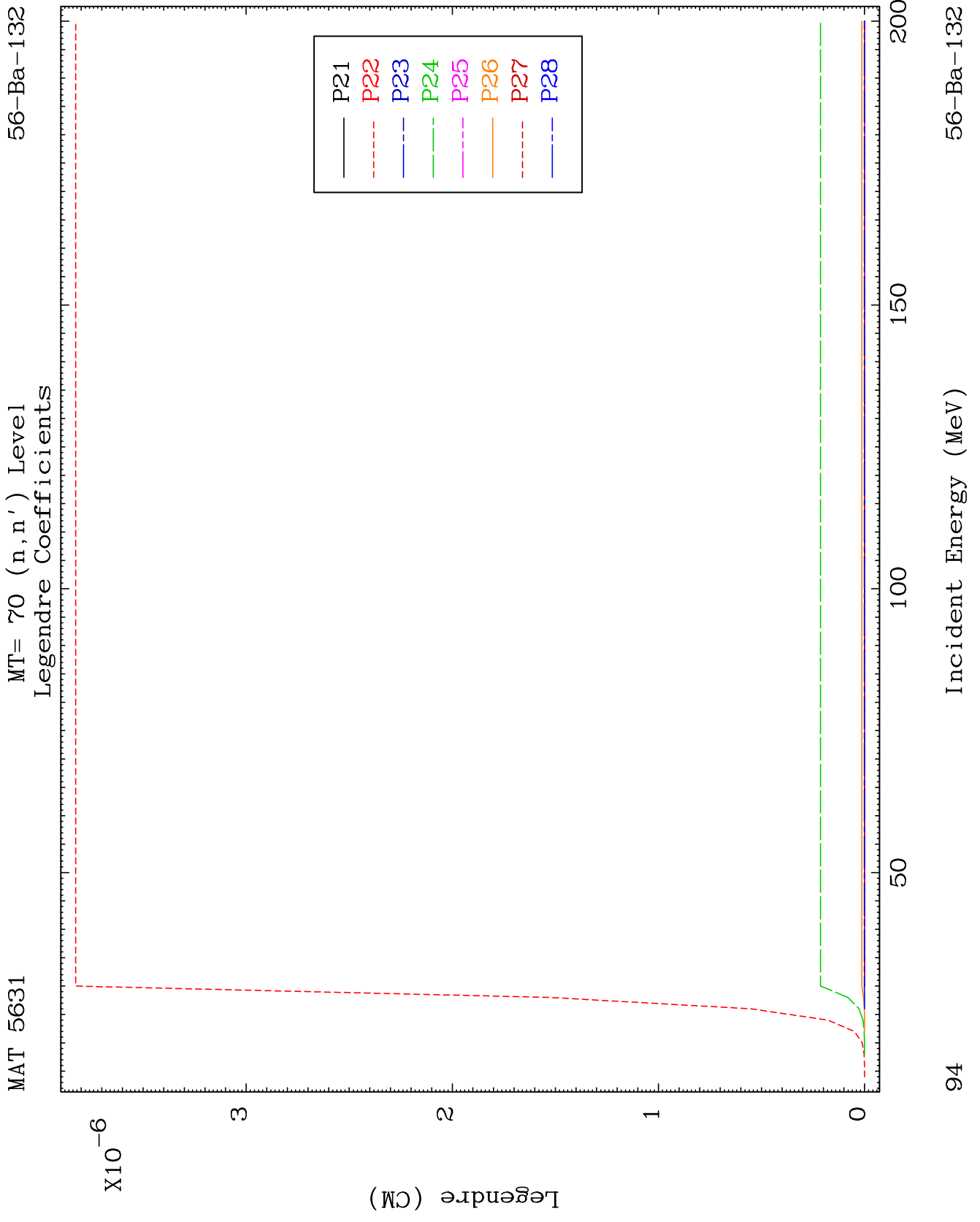
MT= 69 (n,n') Level  
Legendre Coefficients

56-Ba-132





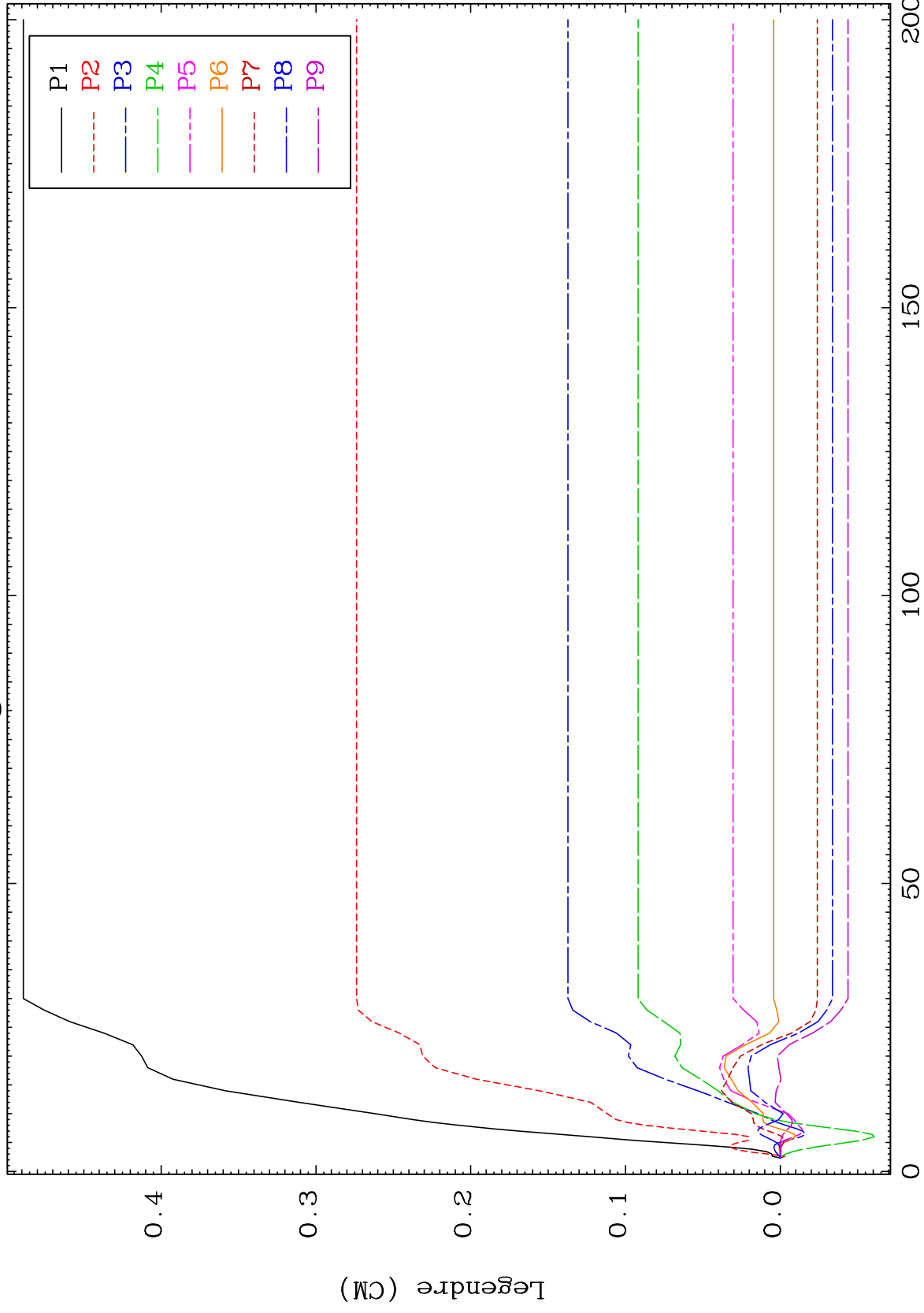




MAT 5631

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

56-Ba-132



95

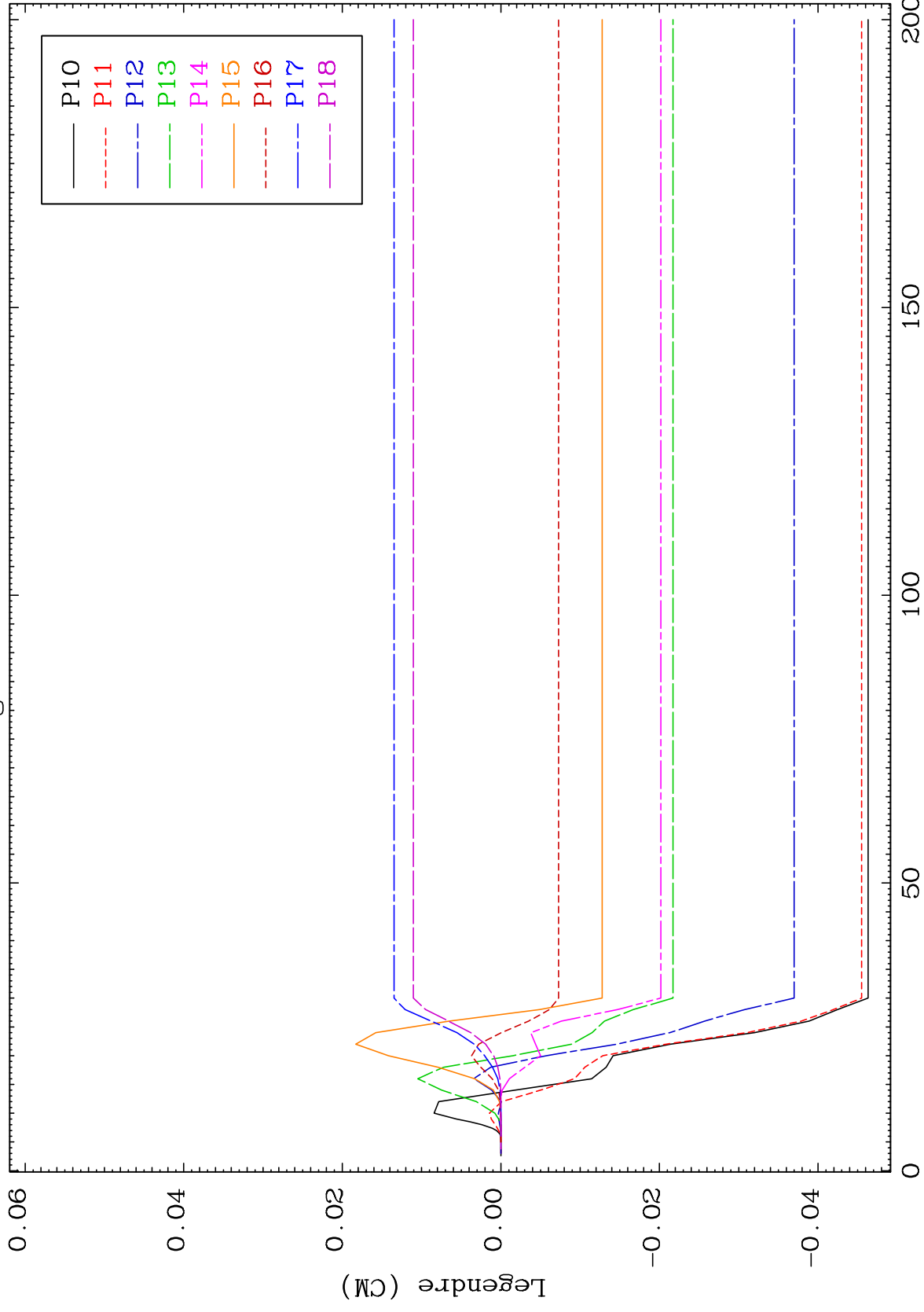
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



96

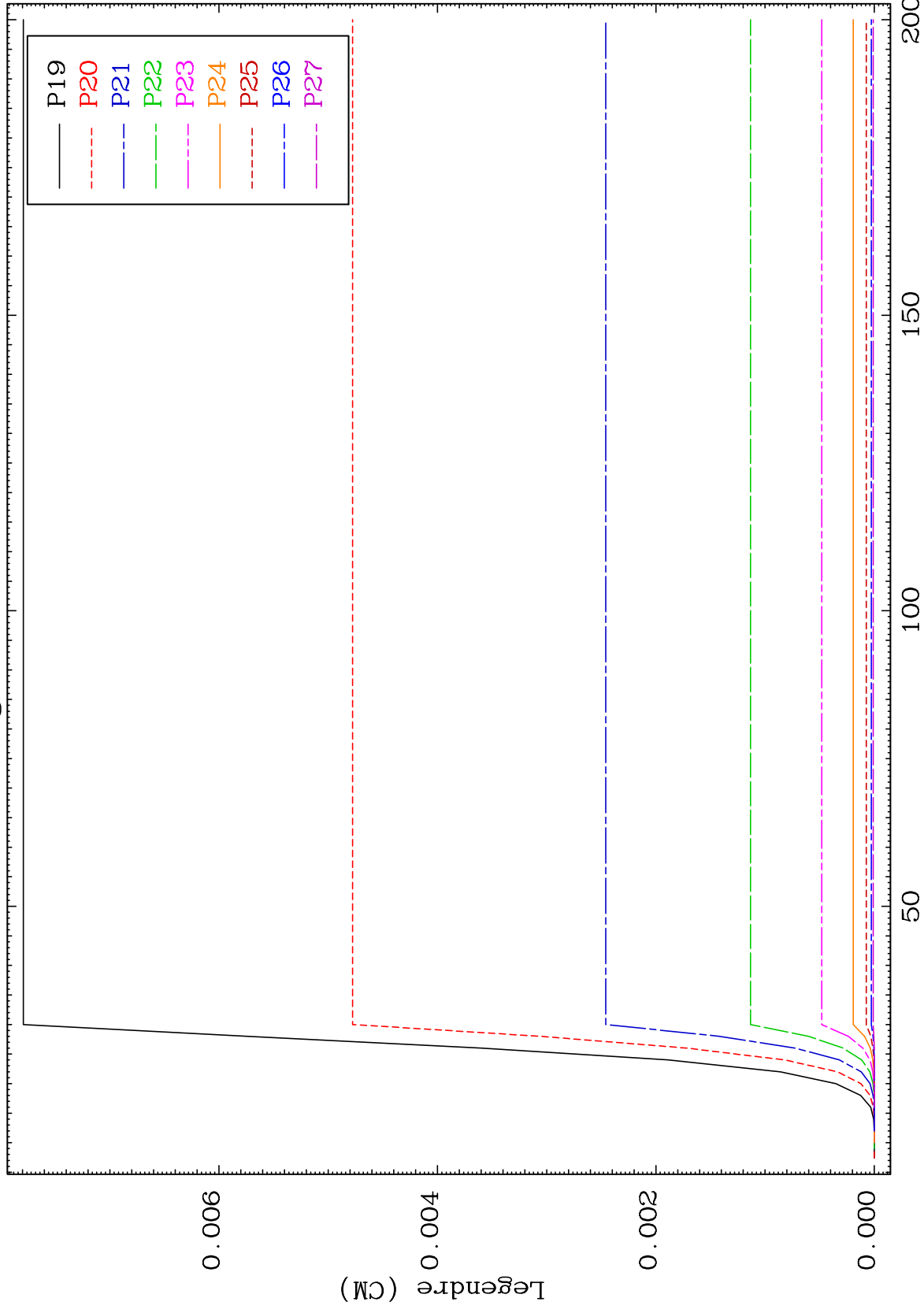
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



97

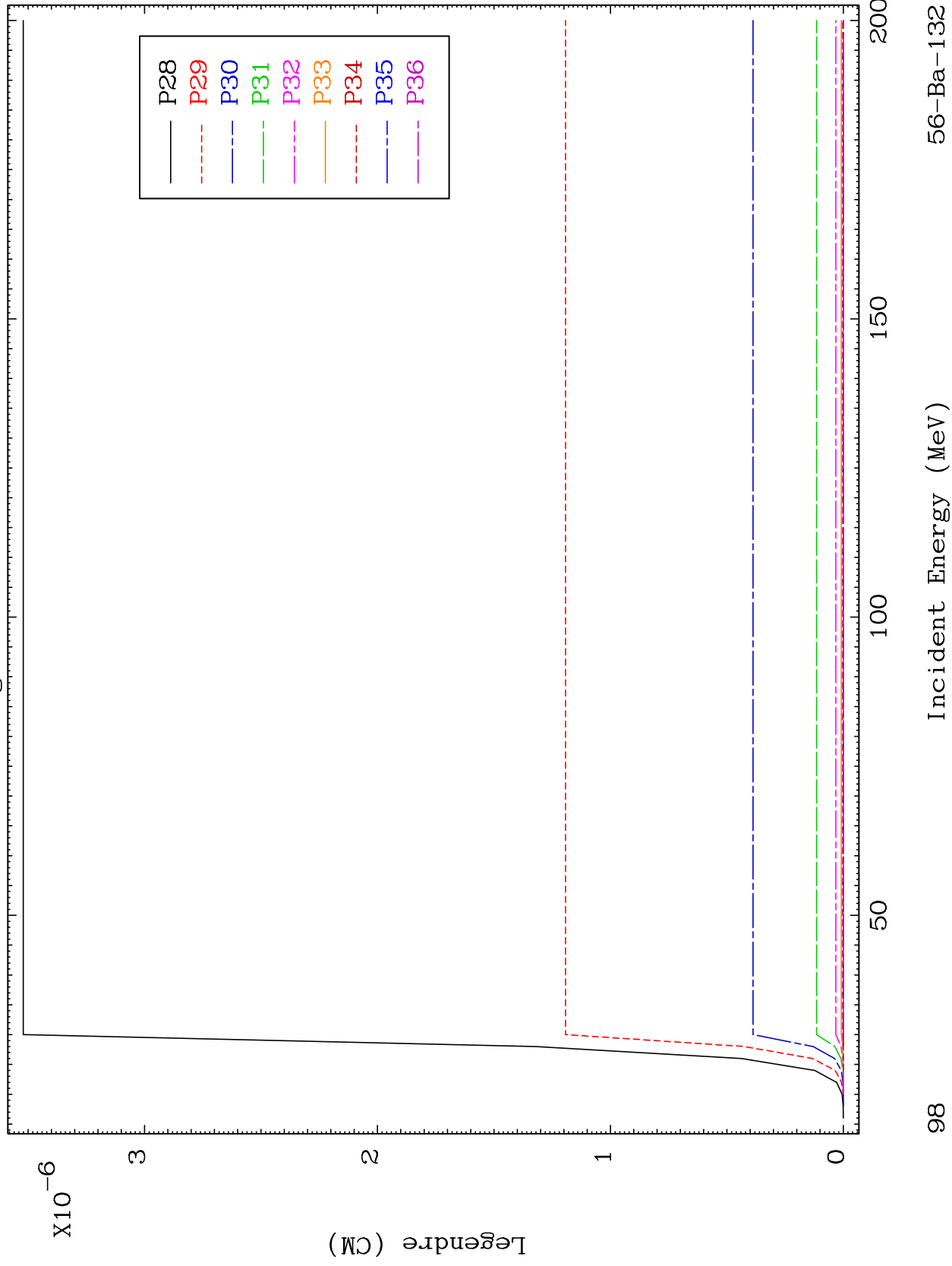
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

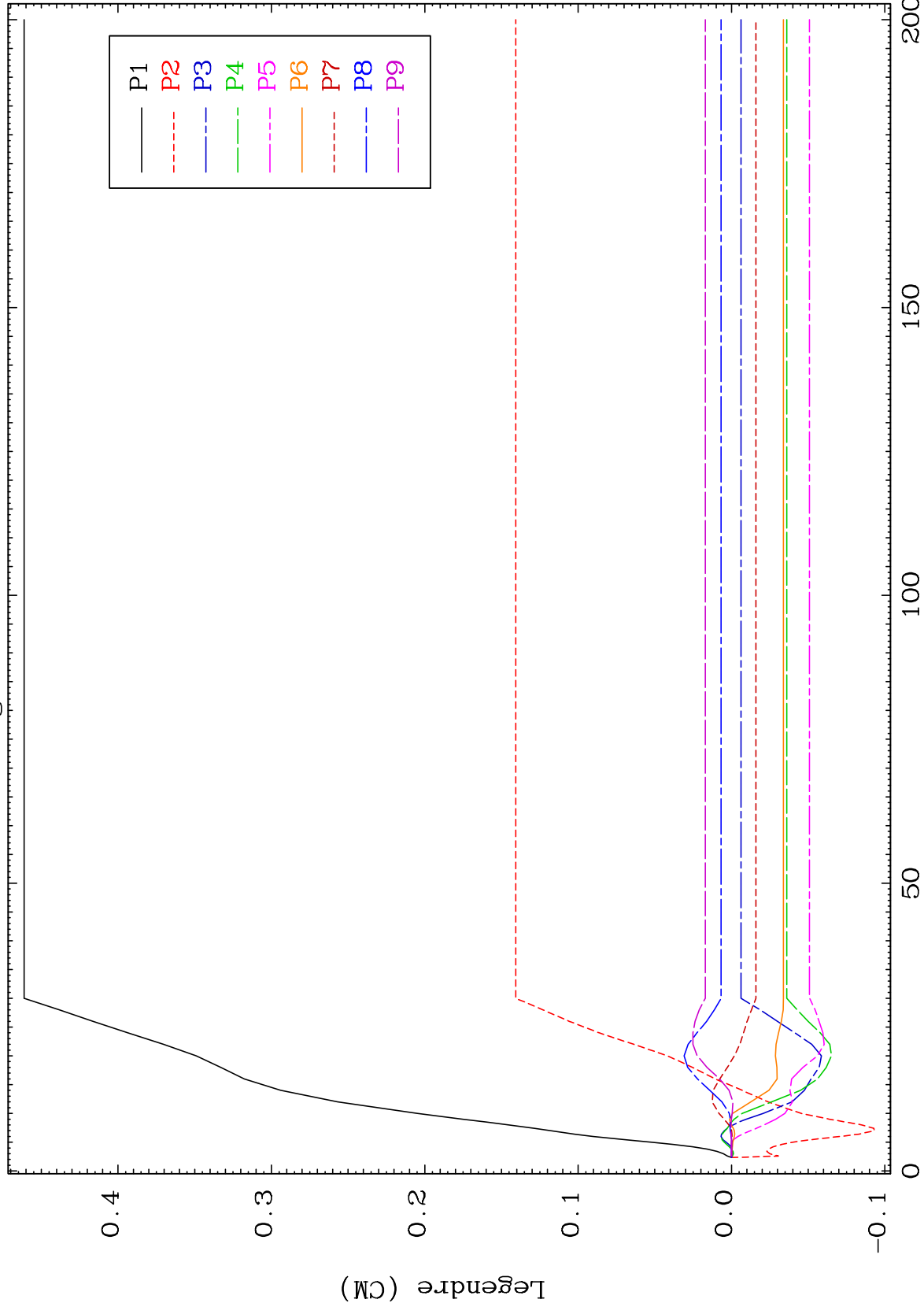
56-Ba-132



MAT 5631

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

56-Ba-132



99

Incident Energy (MeV)

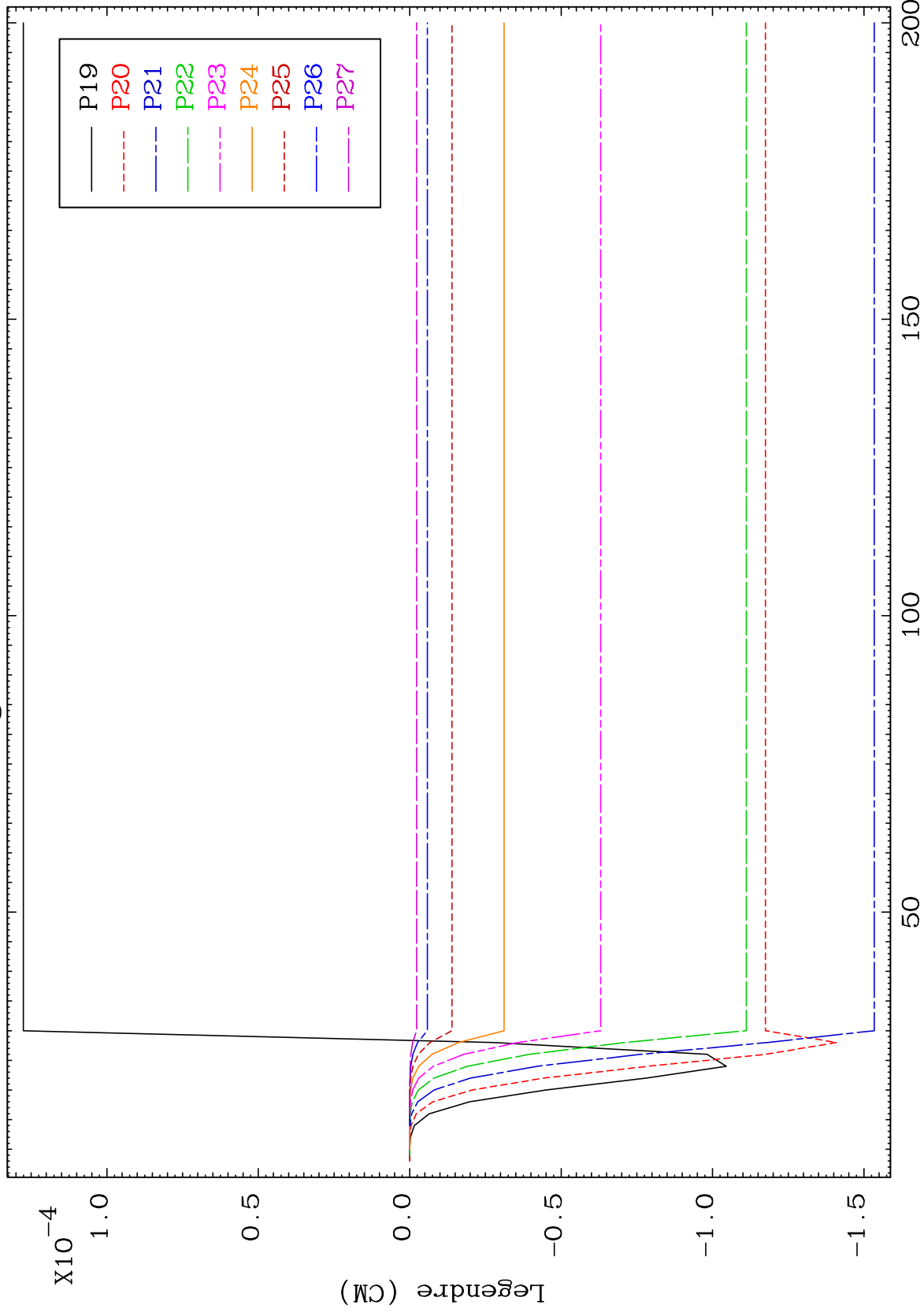
56-Ba-132



MAT 5631

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

56-Ba-132



101

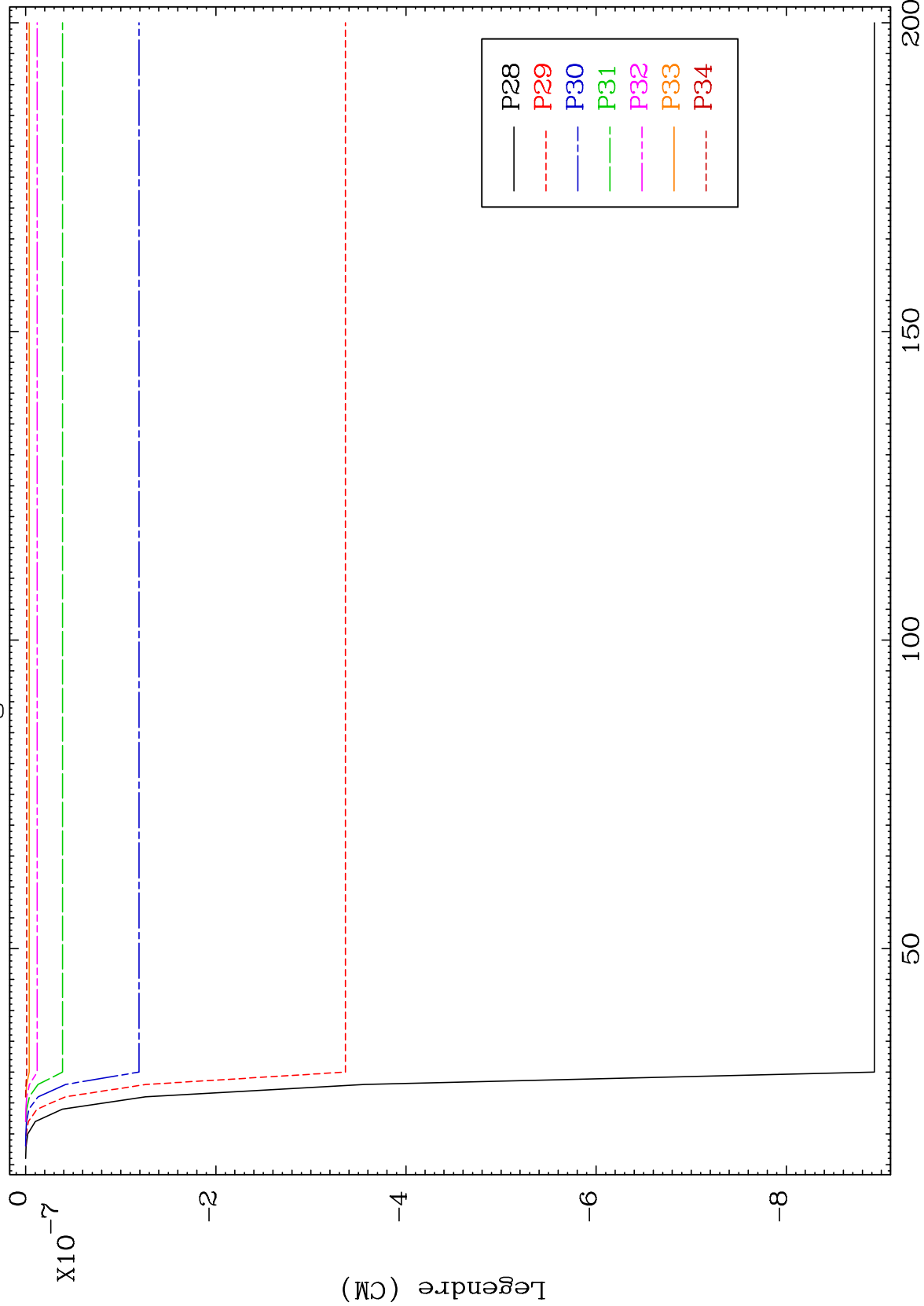
56-Ba-132

MAT 5631

MT= 72 (n,n') Level

56-Ba-132

Legendre Coefficients



56-Ba-132

Incident Energy (MeV)

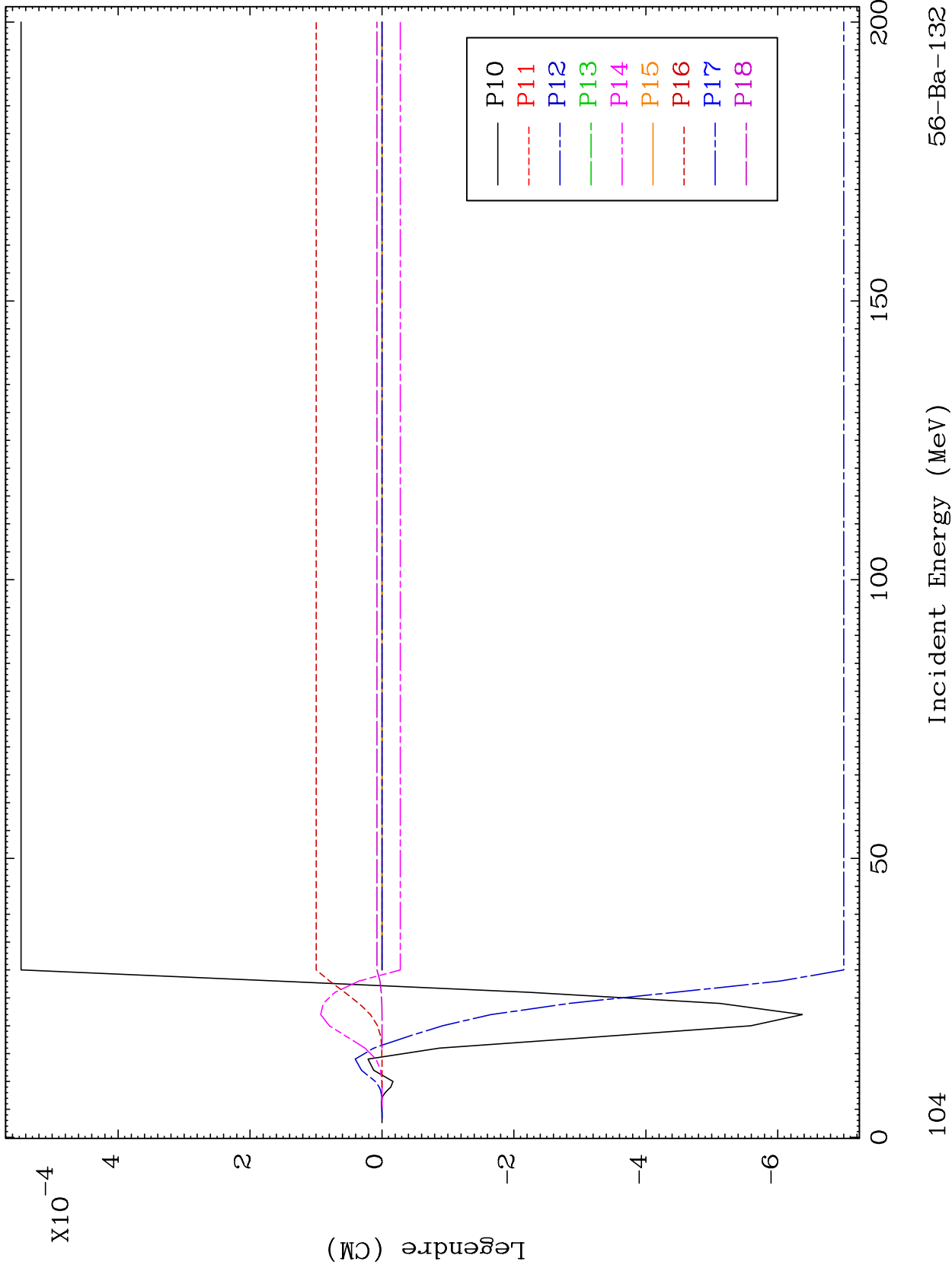
102



MAT 5631

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

56-Ba-132

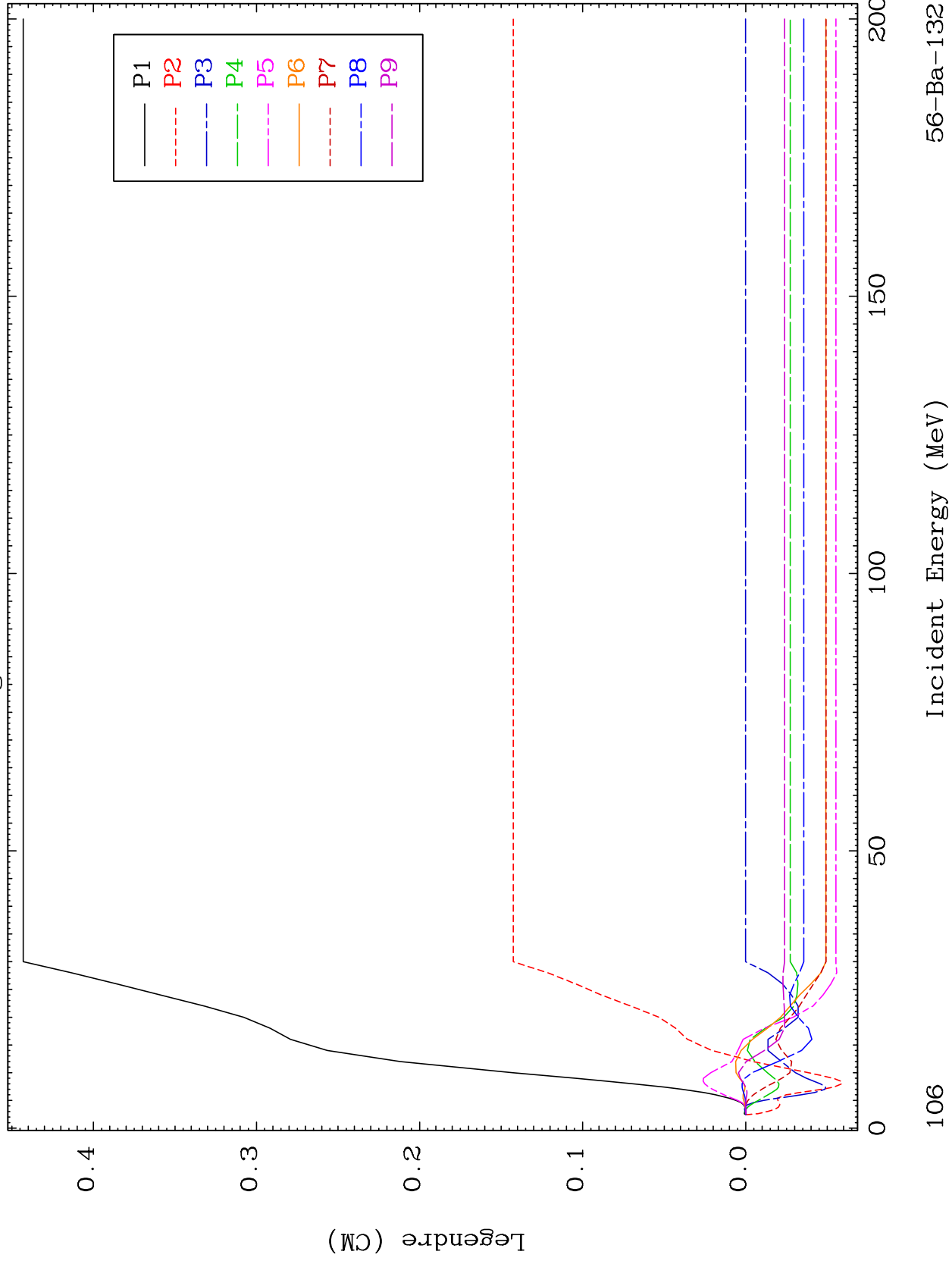




MAT 5631

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

56-Ba-132



56-Ba-132

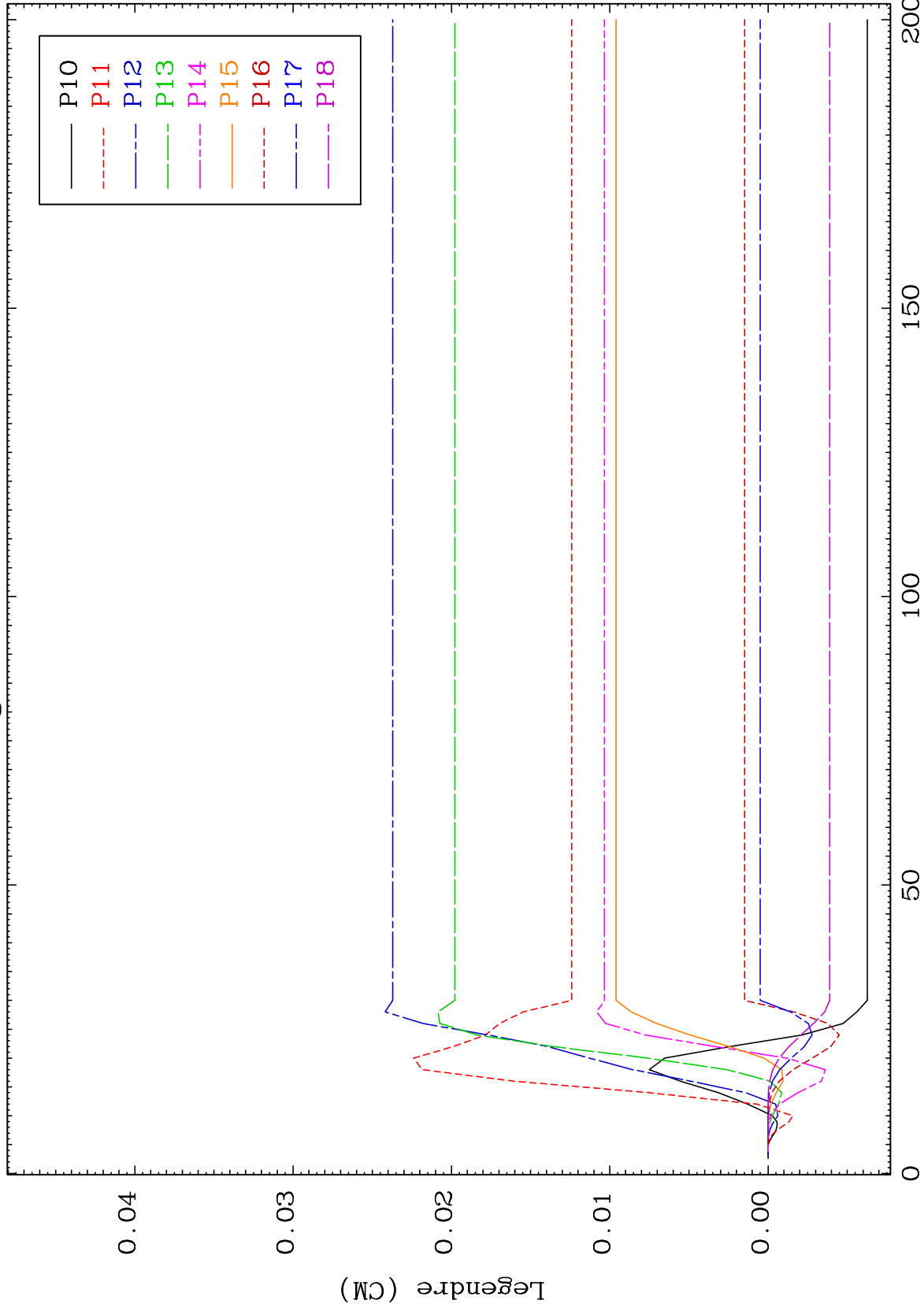
Incident Energy (MeV)

106

MAT 5631

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

56-Ba-132



107

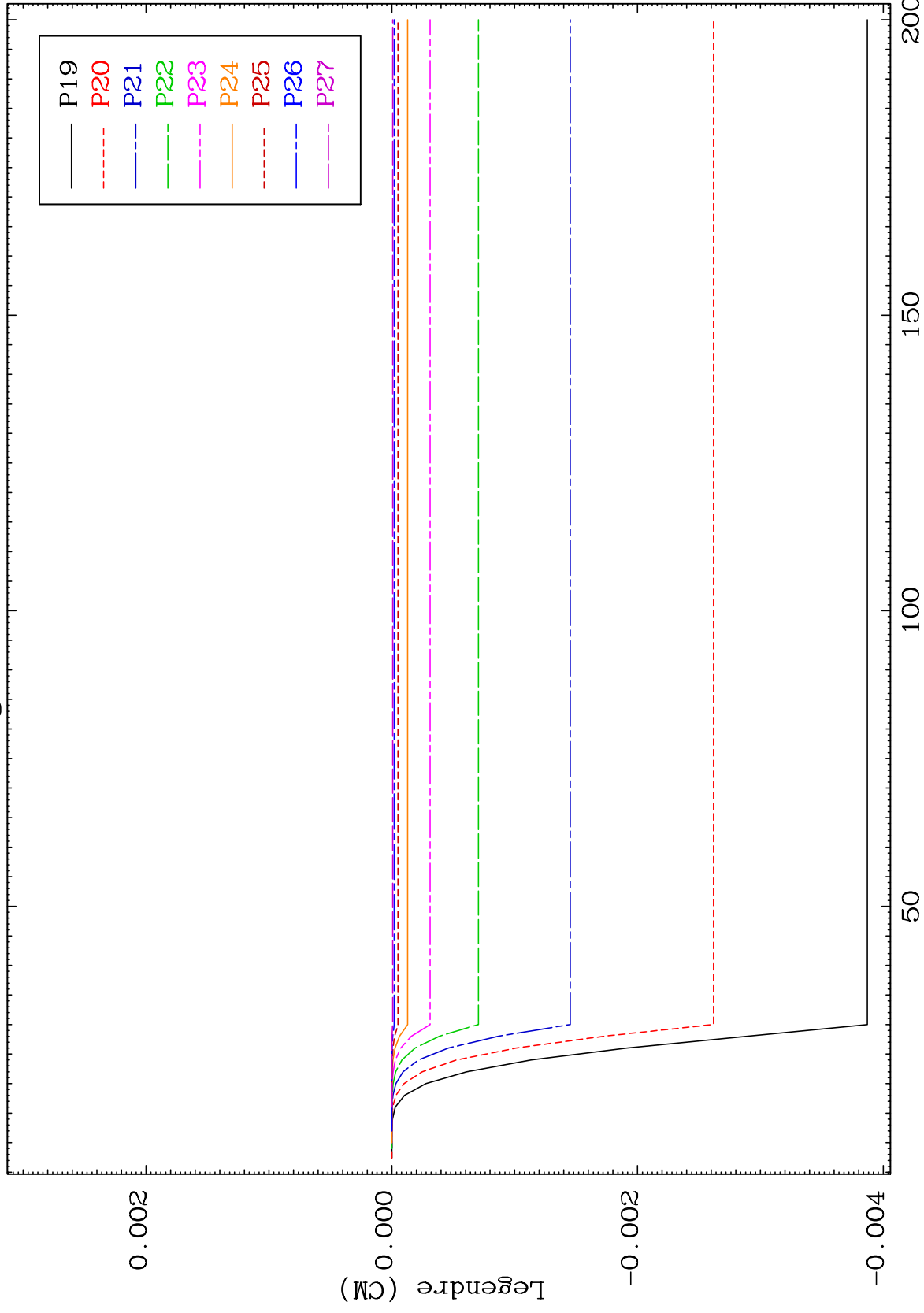
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



108

Incident Energy (MeV)

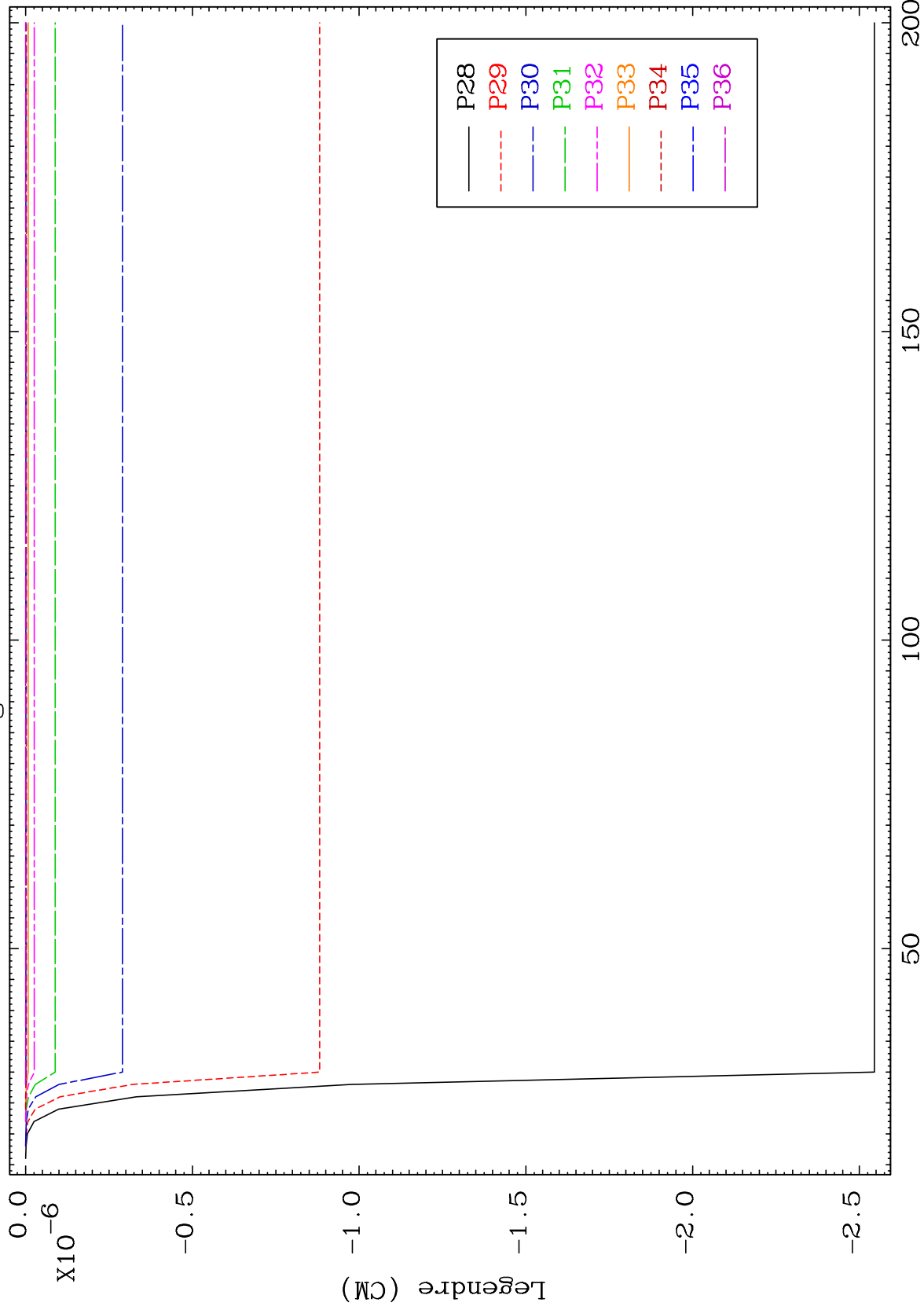
56-Ba-132

MAT 5631

MT= 74 (n,n') Level

56-Ba-132

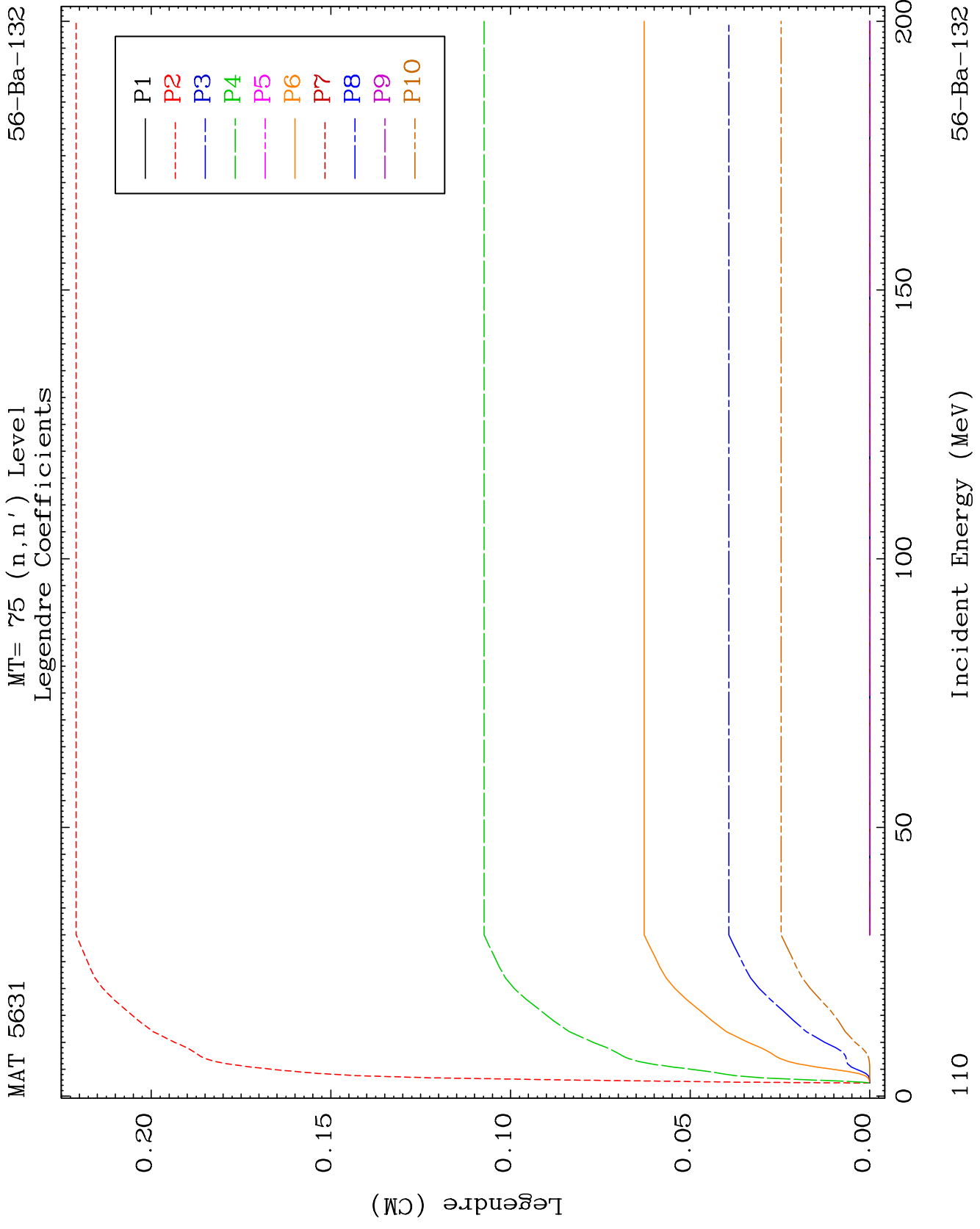
Legendre Coefficients

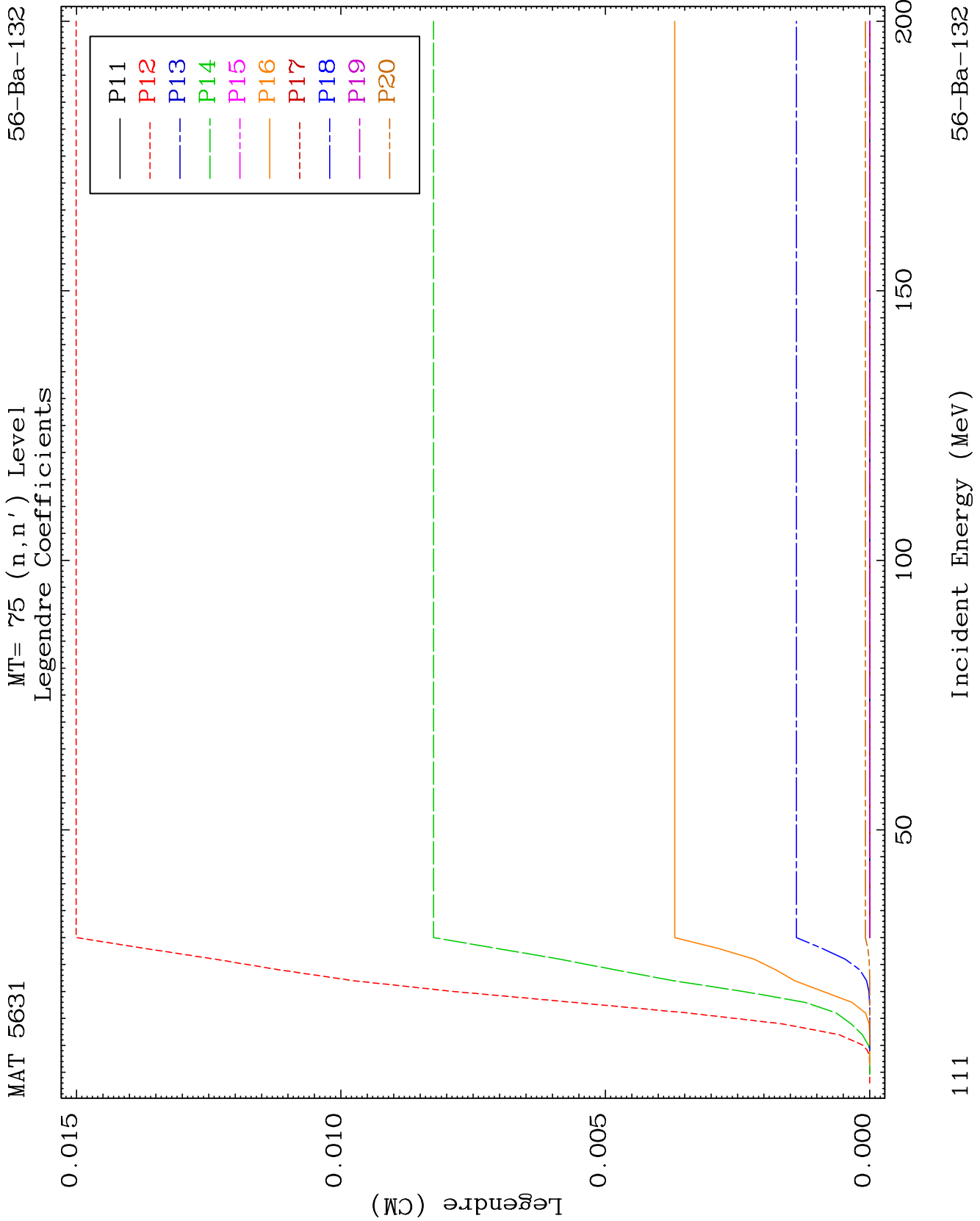


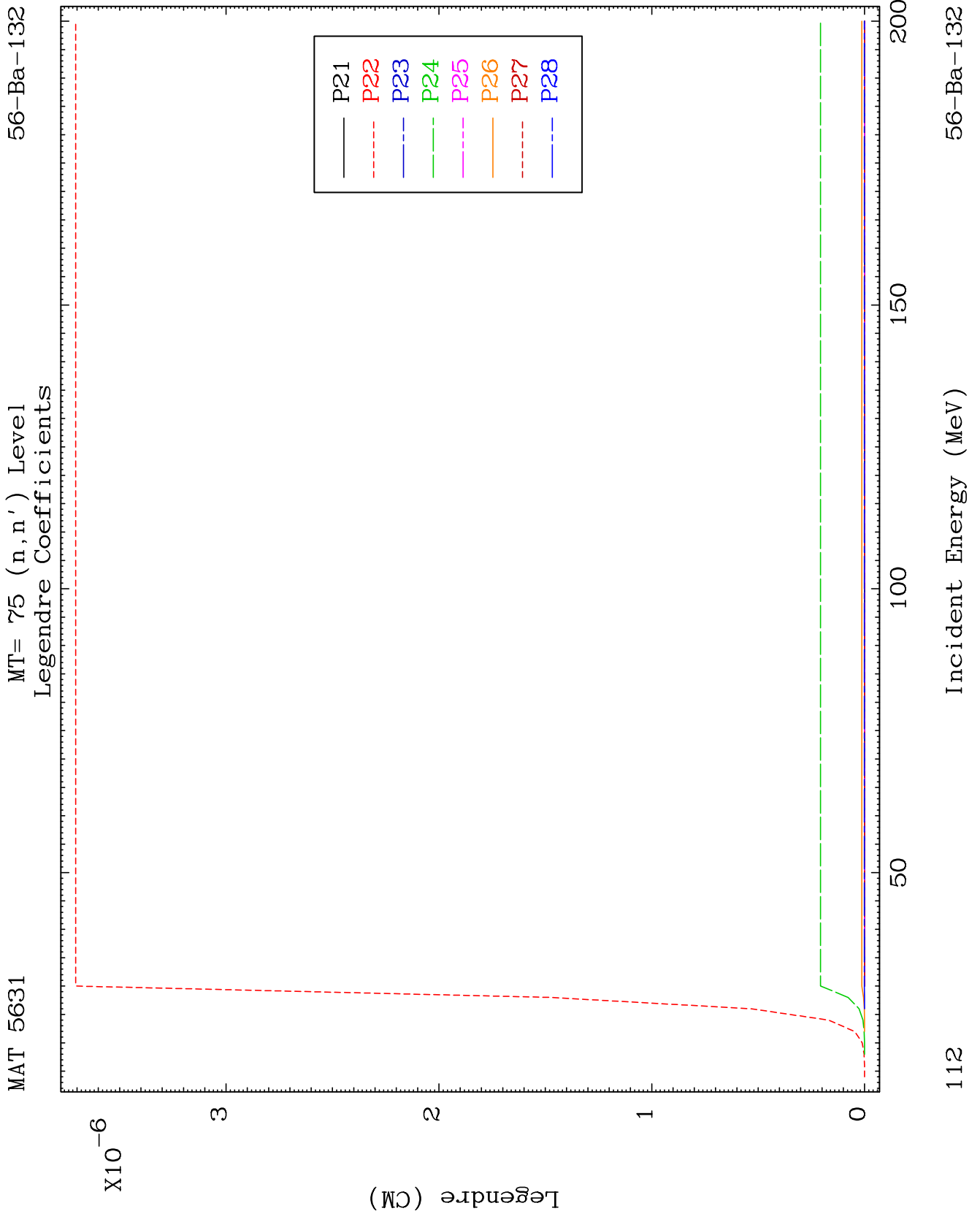
56-Ba-132

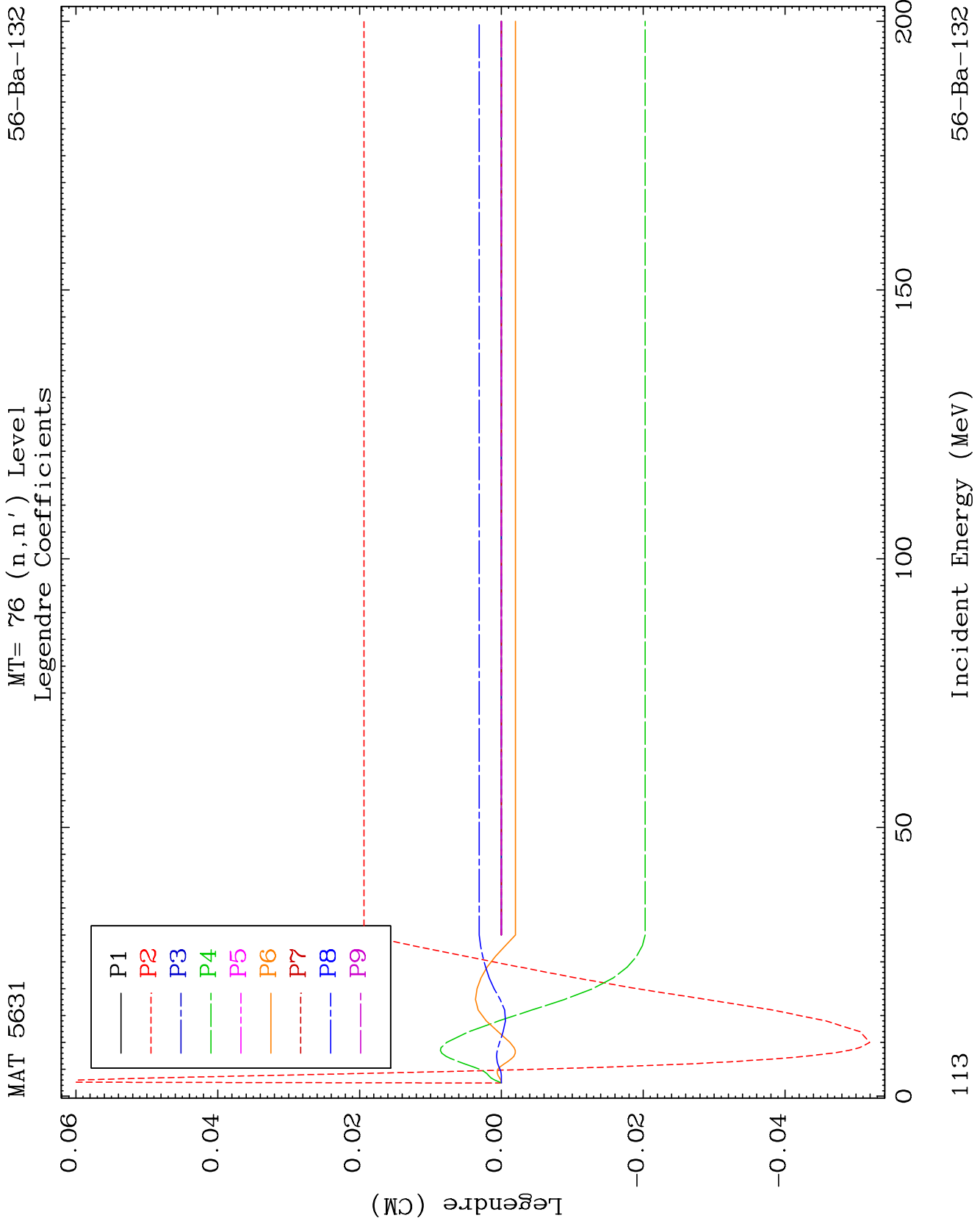
Incident Energy (MeV)

109





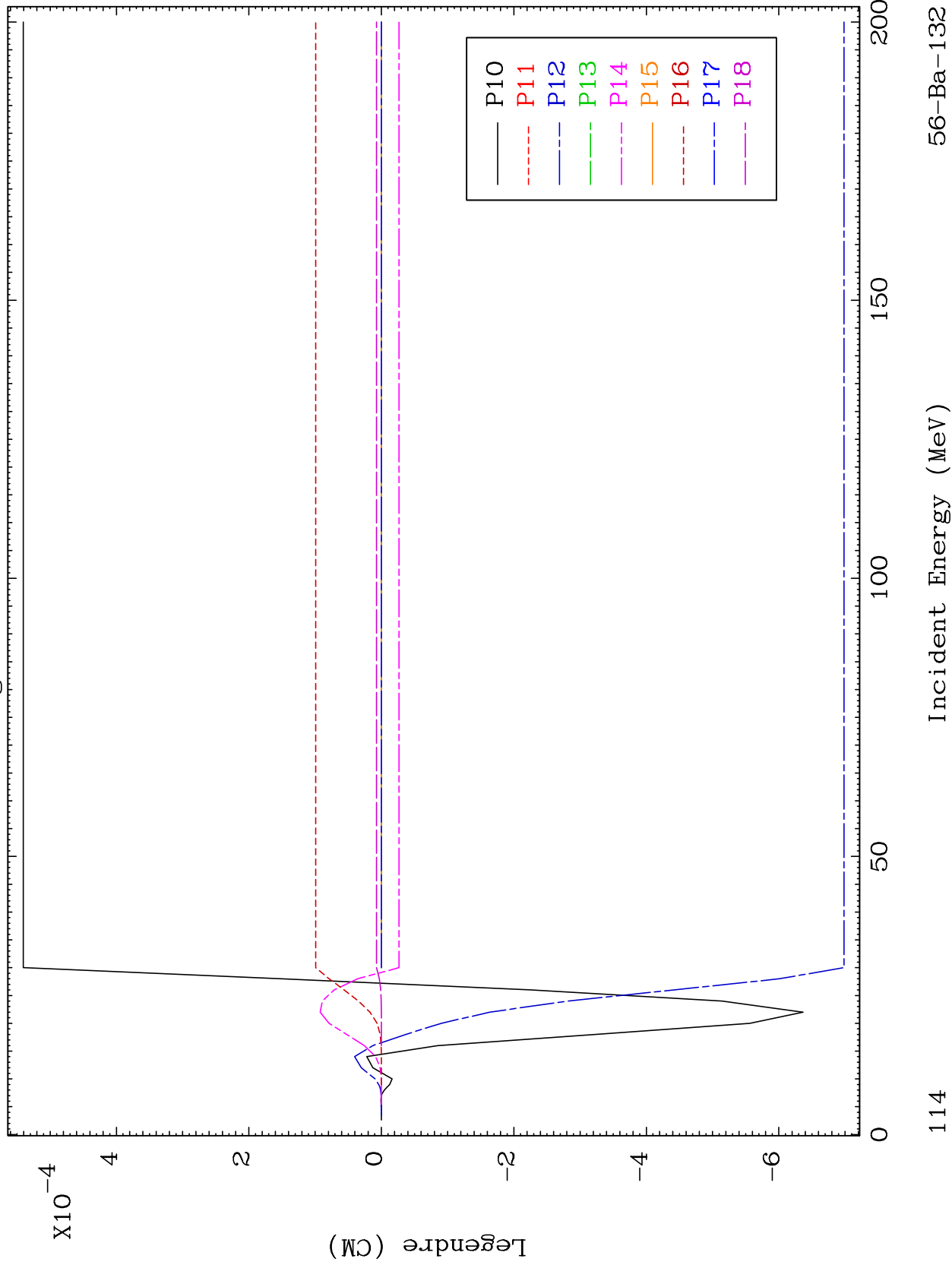




MAT 5631

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

56-Ba-132



114

Incident Energy (MeV)

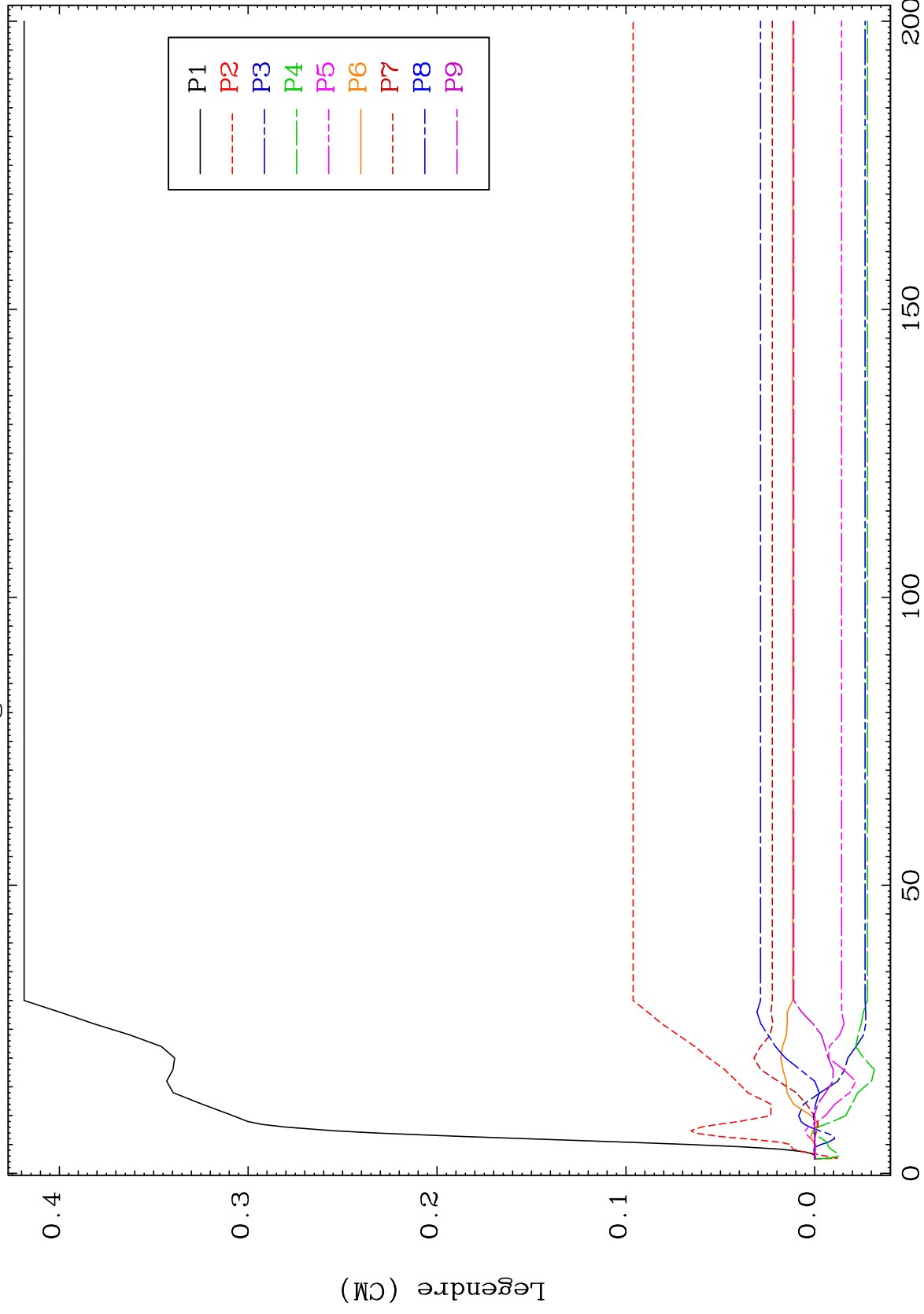
56-Ba-132



MAT 5631

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

56-Ba-132



116

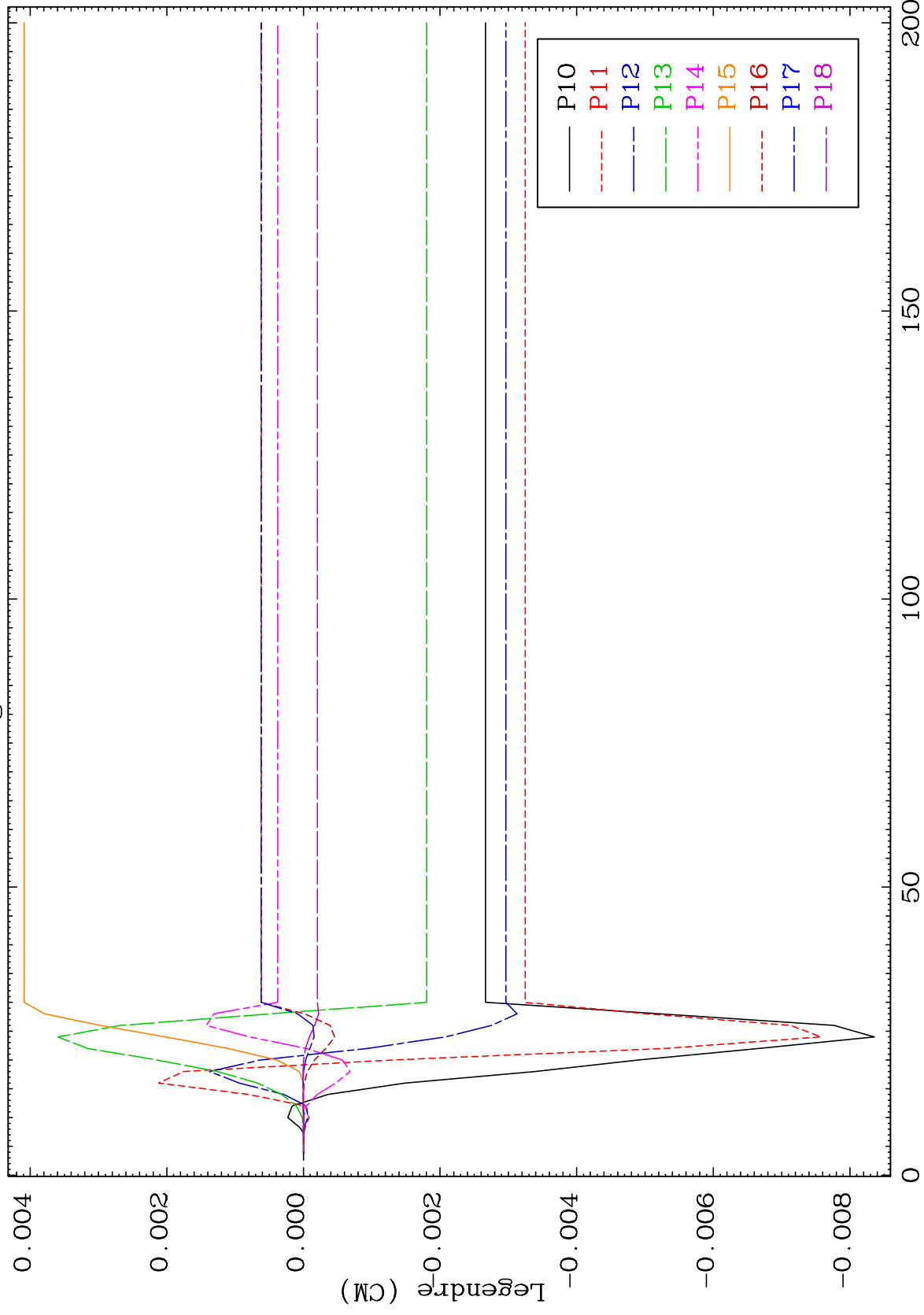
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



117

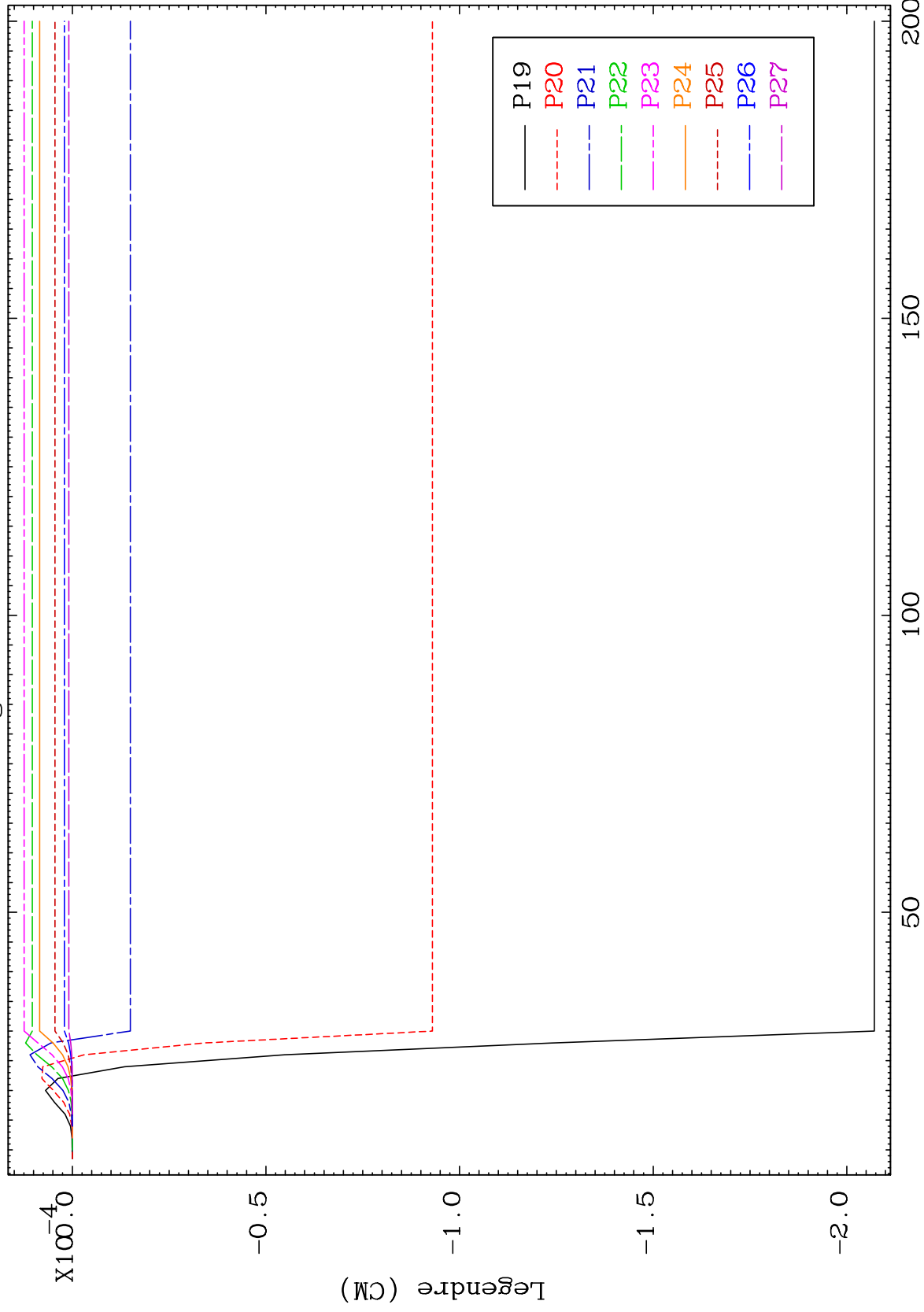
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132



118

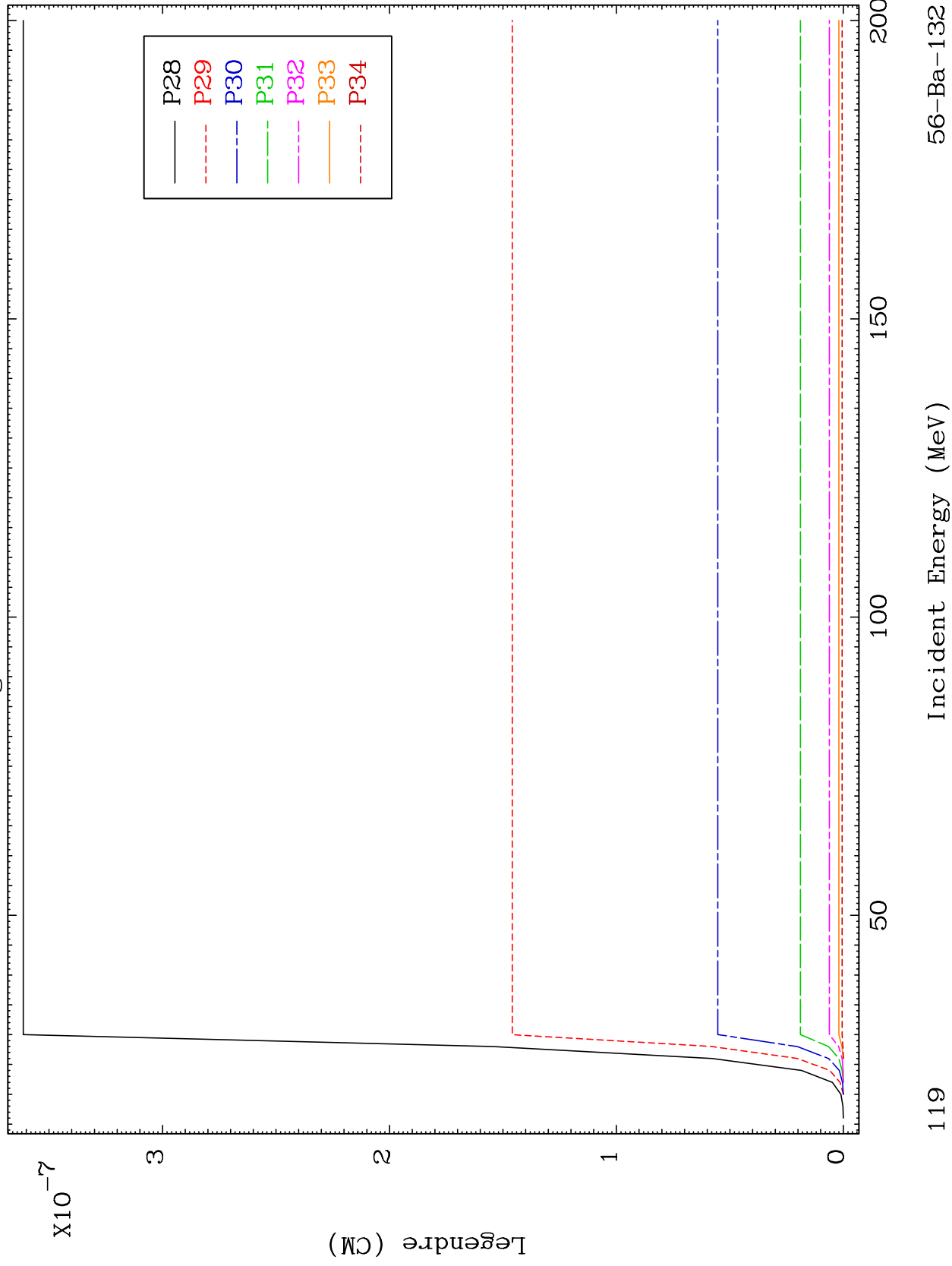
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

56-Ba-132

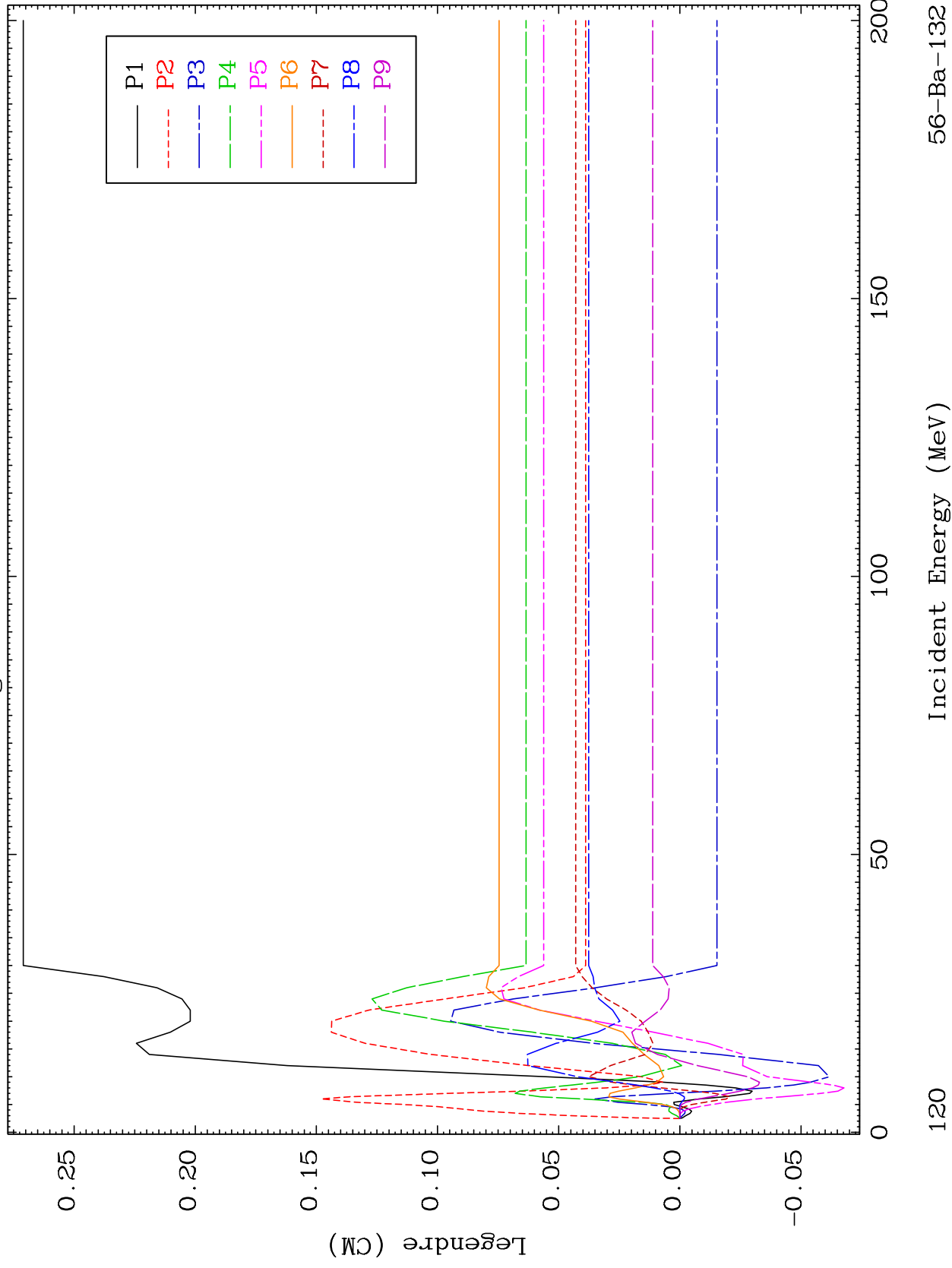


119

MAT 5631

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

56-Ba-132



56-Ba-132

Incident Energy (MeV)

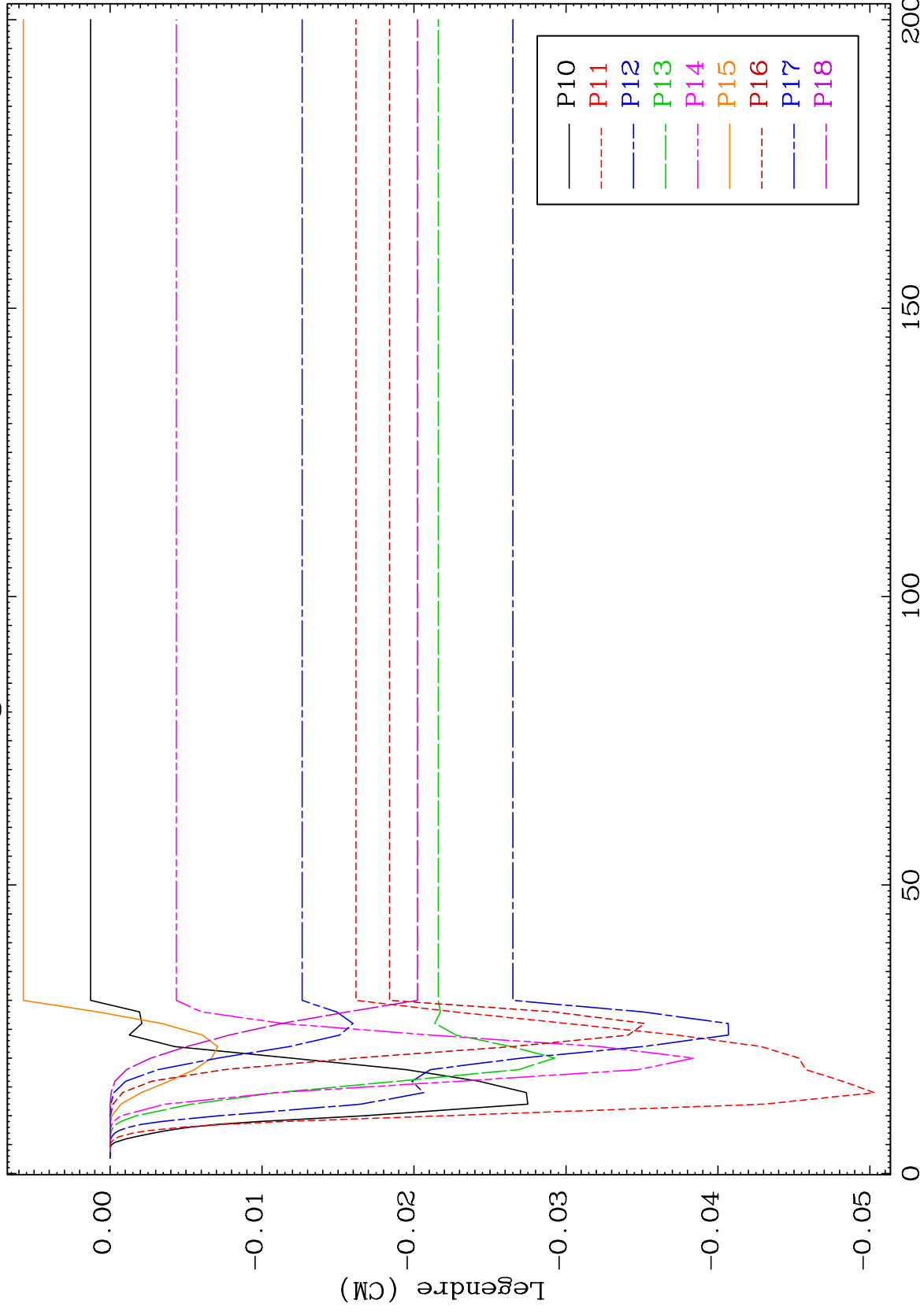
120

MAT 5631

MT= 78 (n,n') Level

56-Ba-132

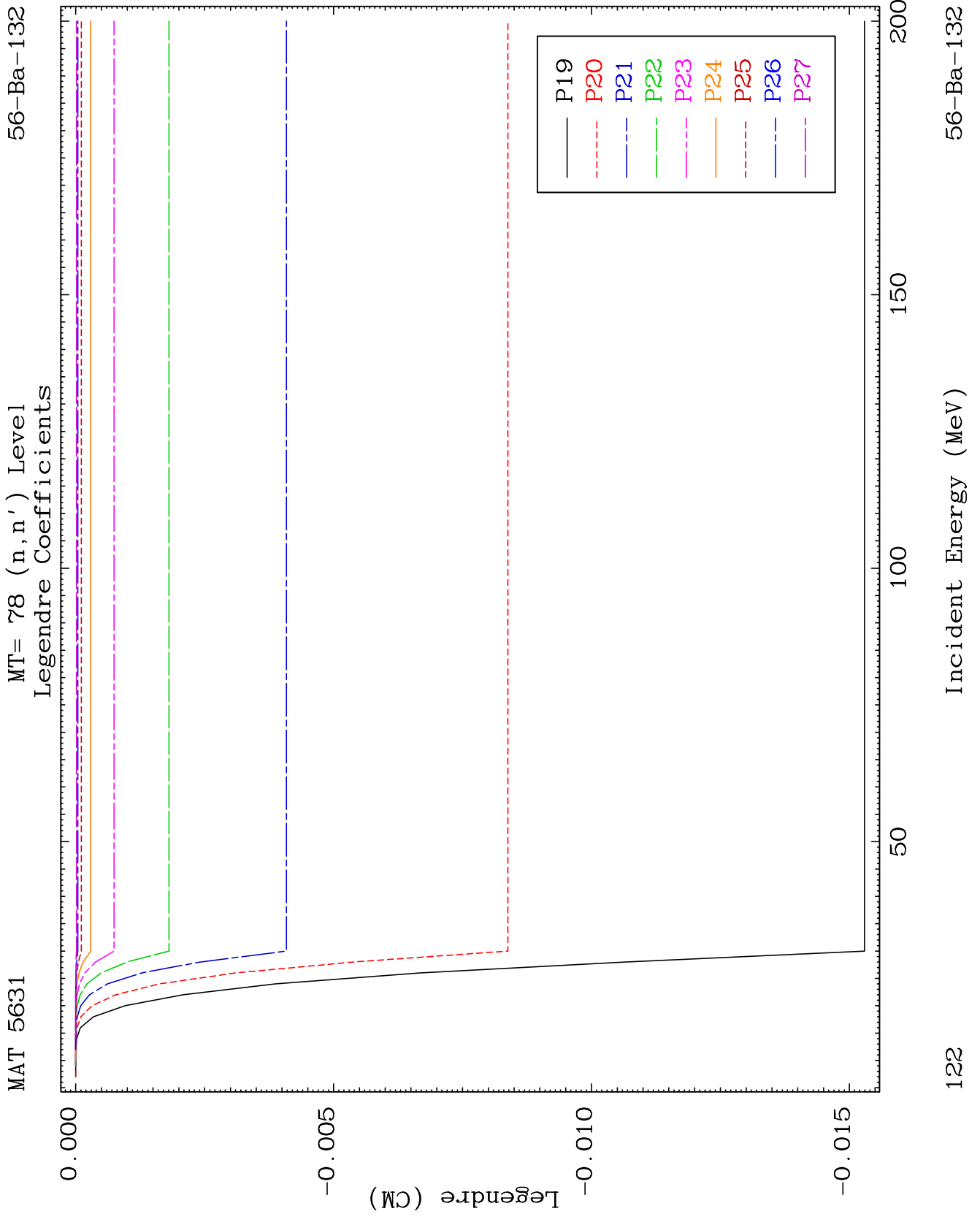
Legendre Coefficients

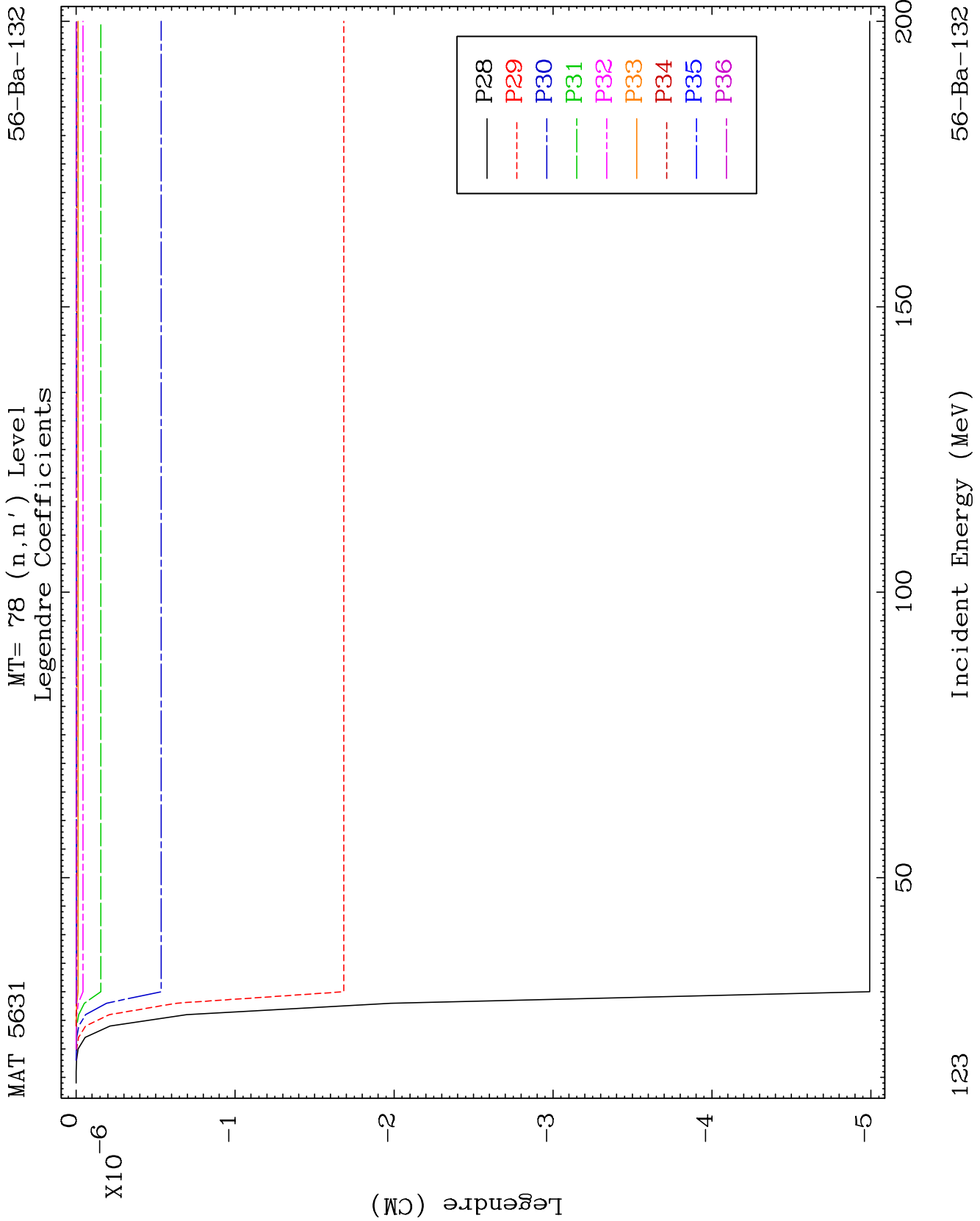


121

Incident Energy (MeV)

56-Ba-132

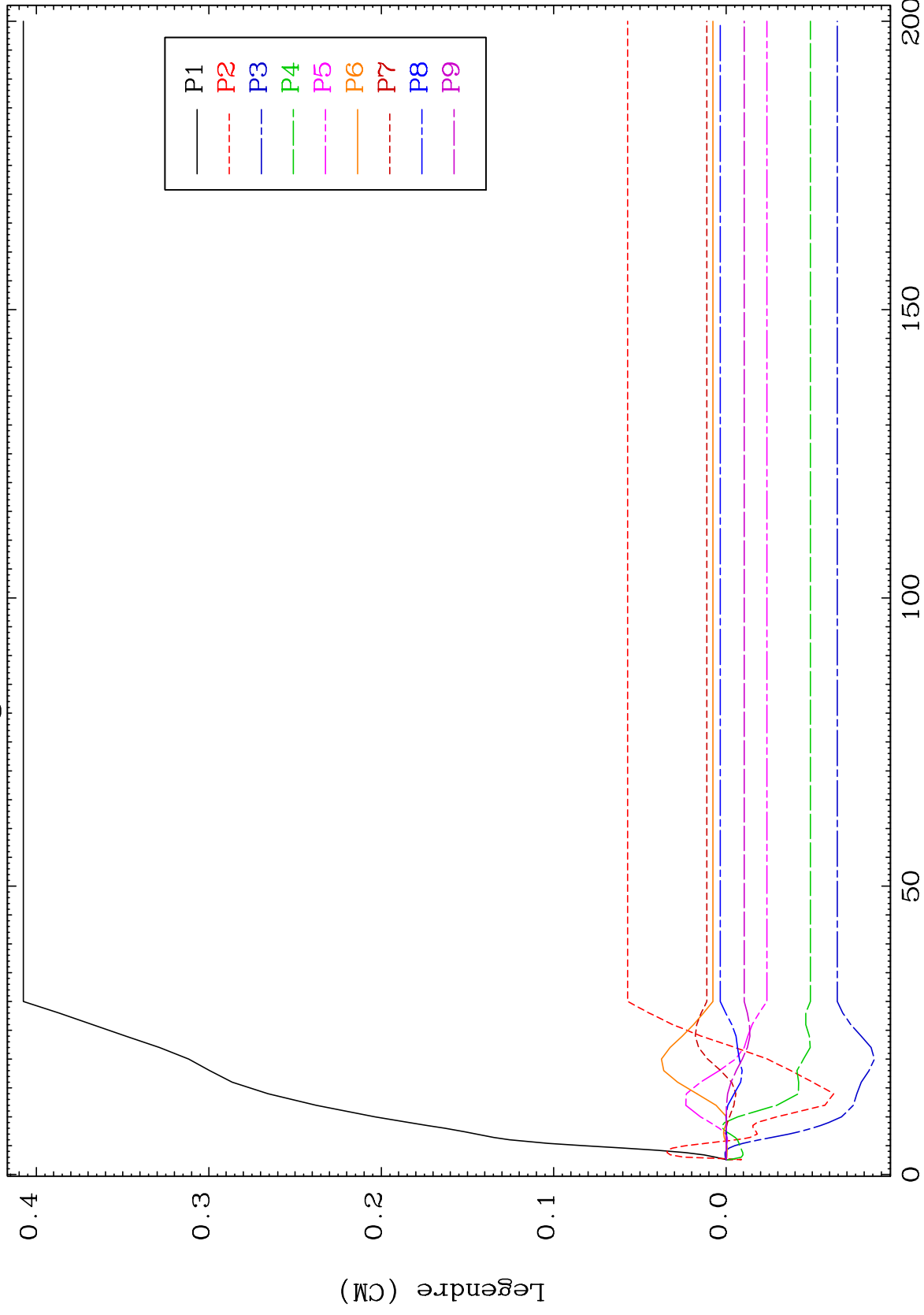




MAT 5631

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

56-Ba-132



124

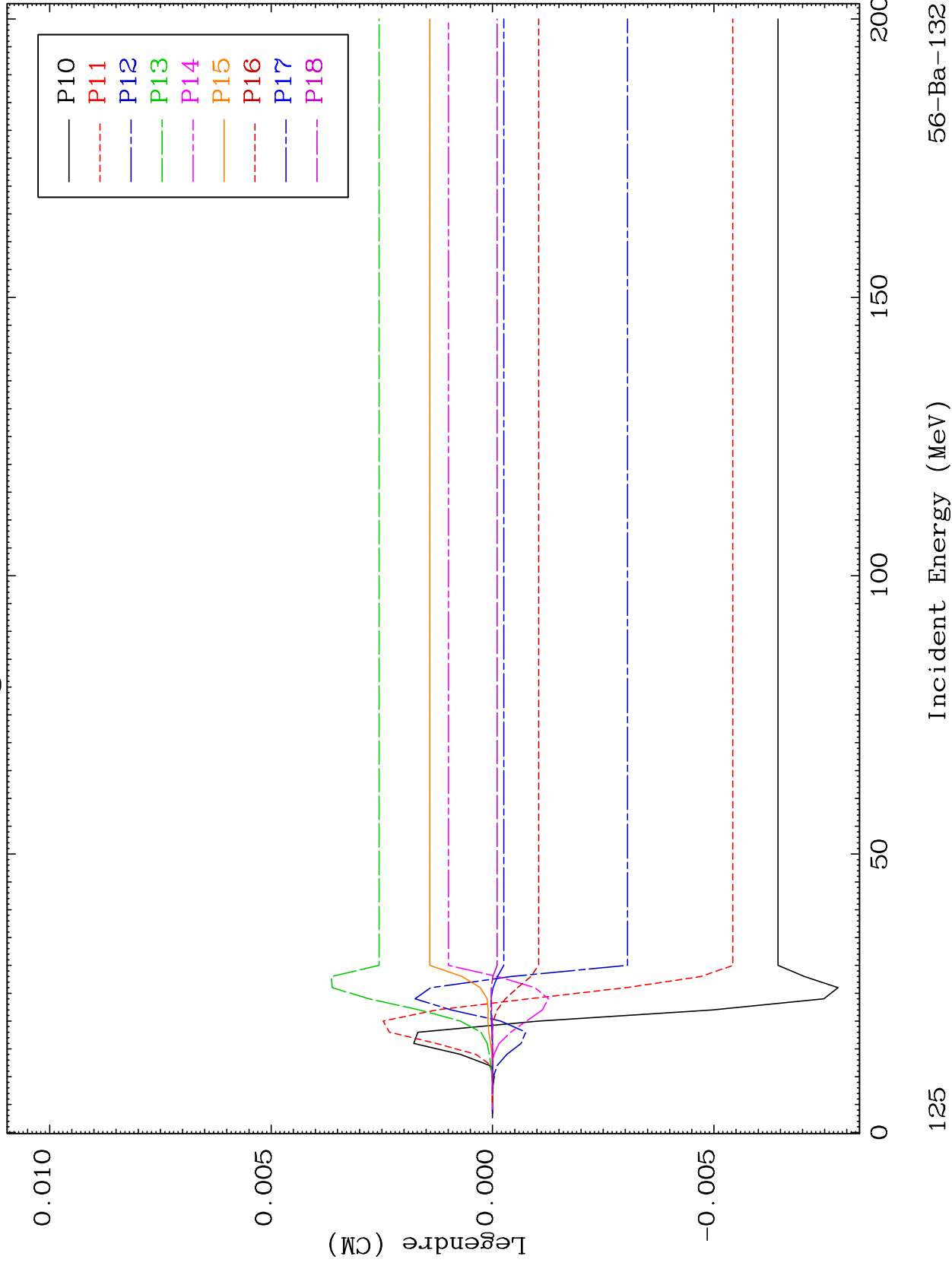
Incident Energy (MeV)

56-Ba-132

MAT 5631

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

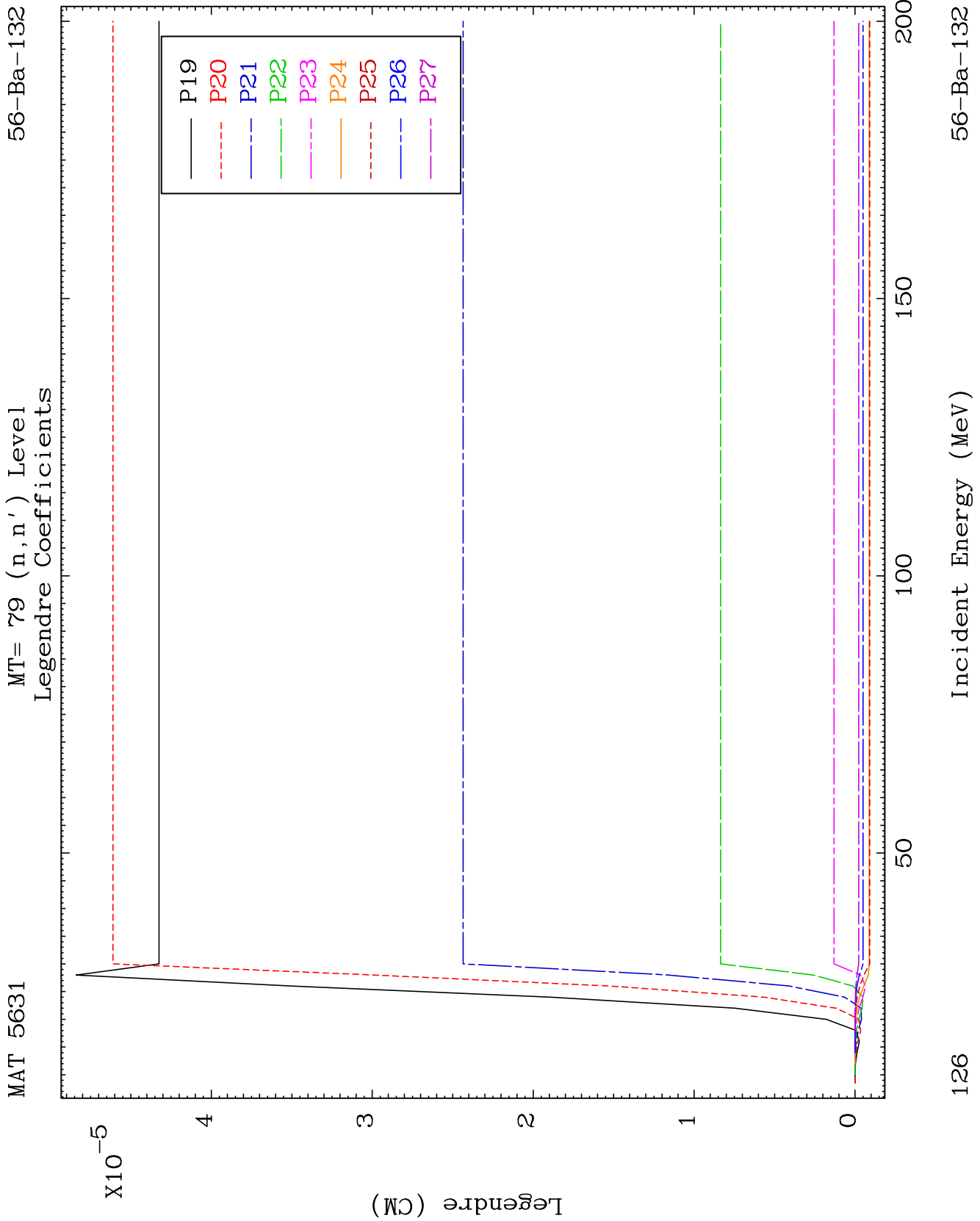
56-Ba-132

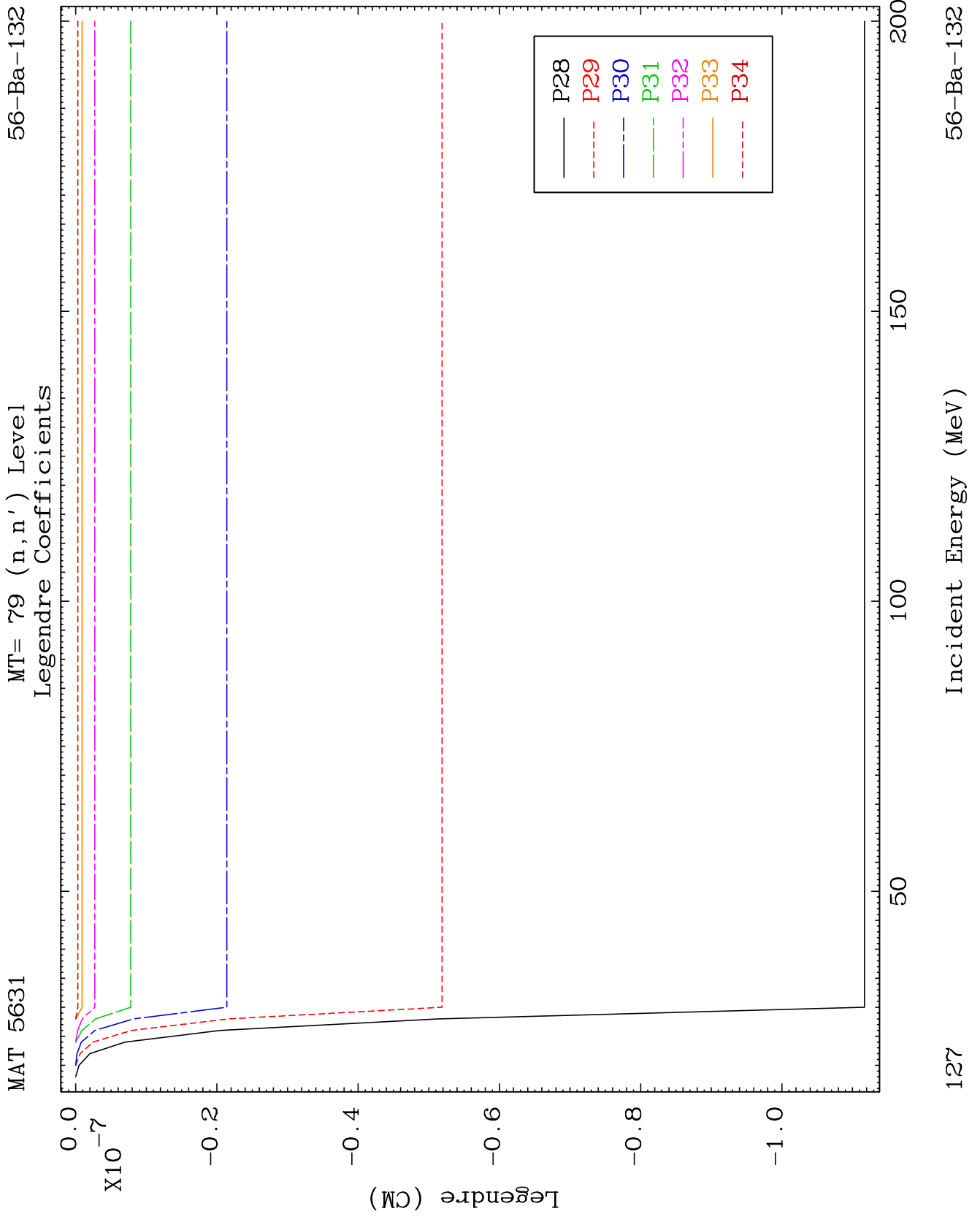


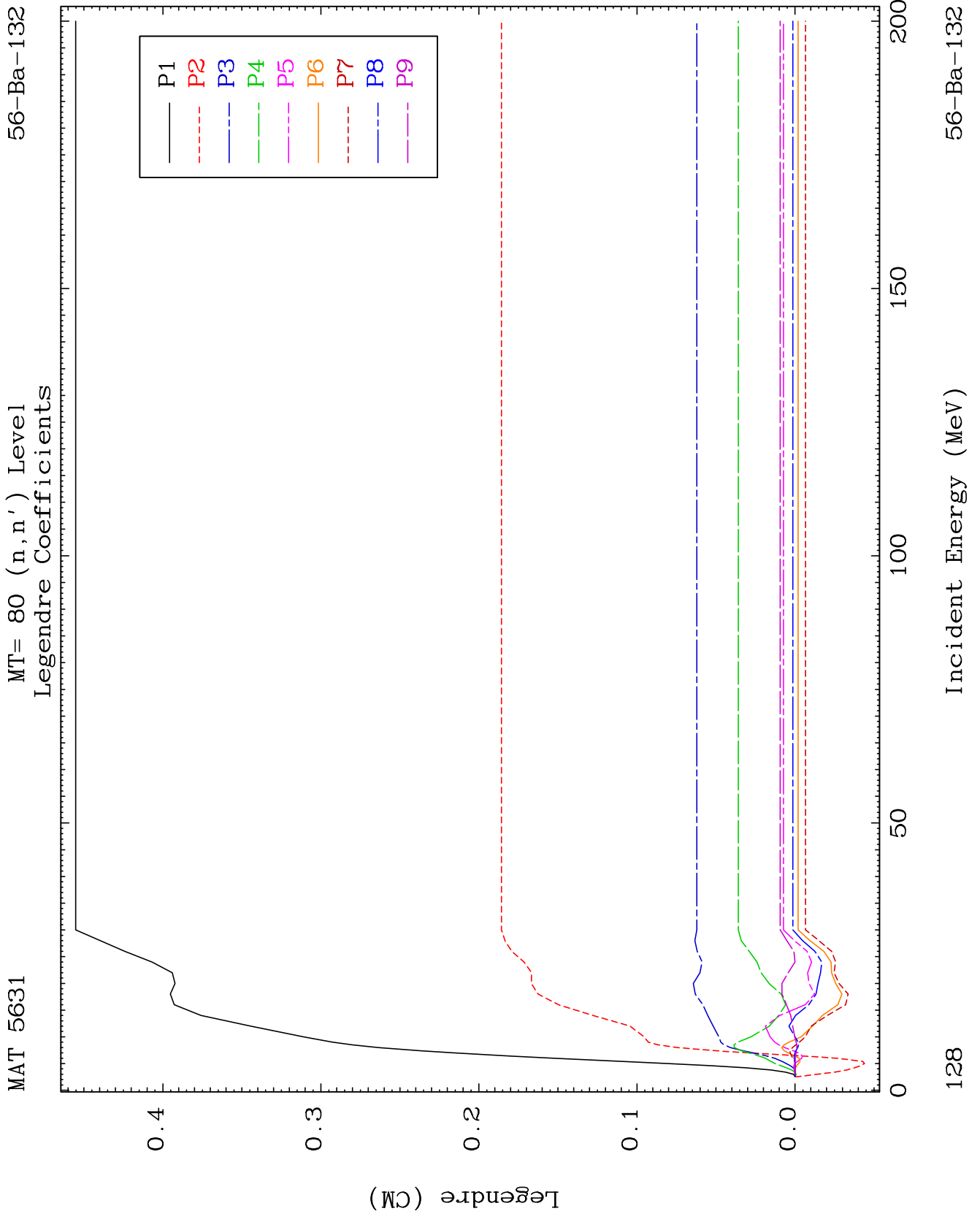
56-Ba-132

Incident Energy (MeV)

125



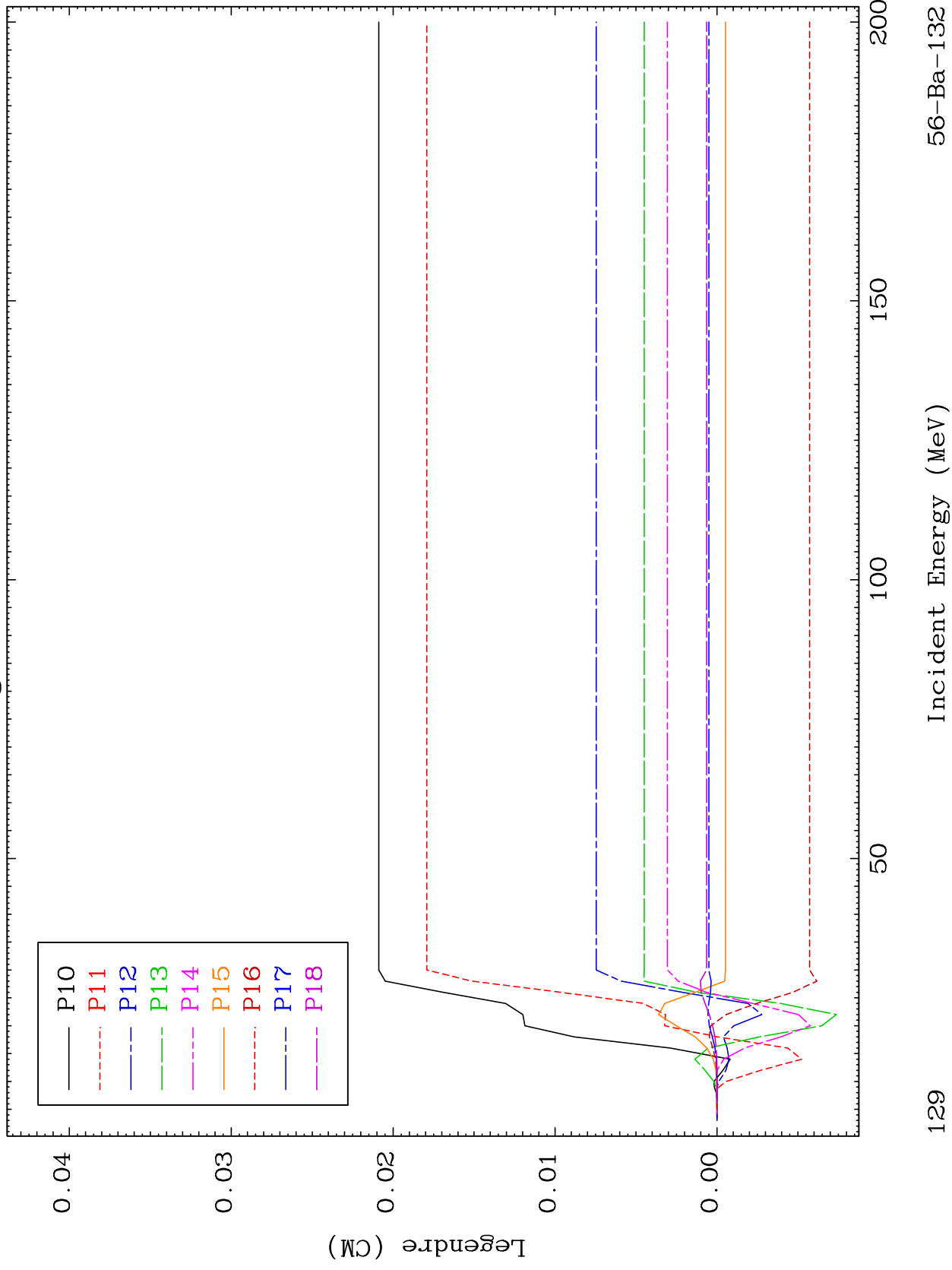




MAT 5631

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

56-Ba-132

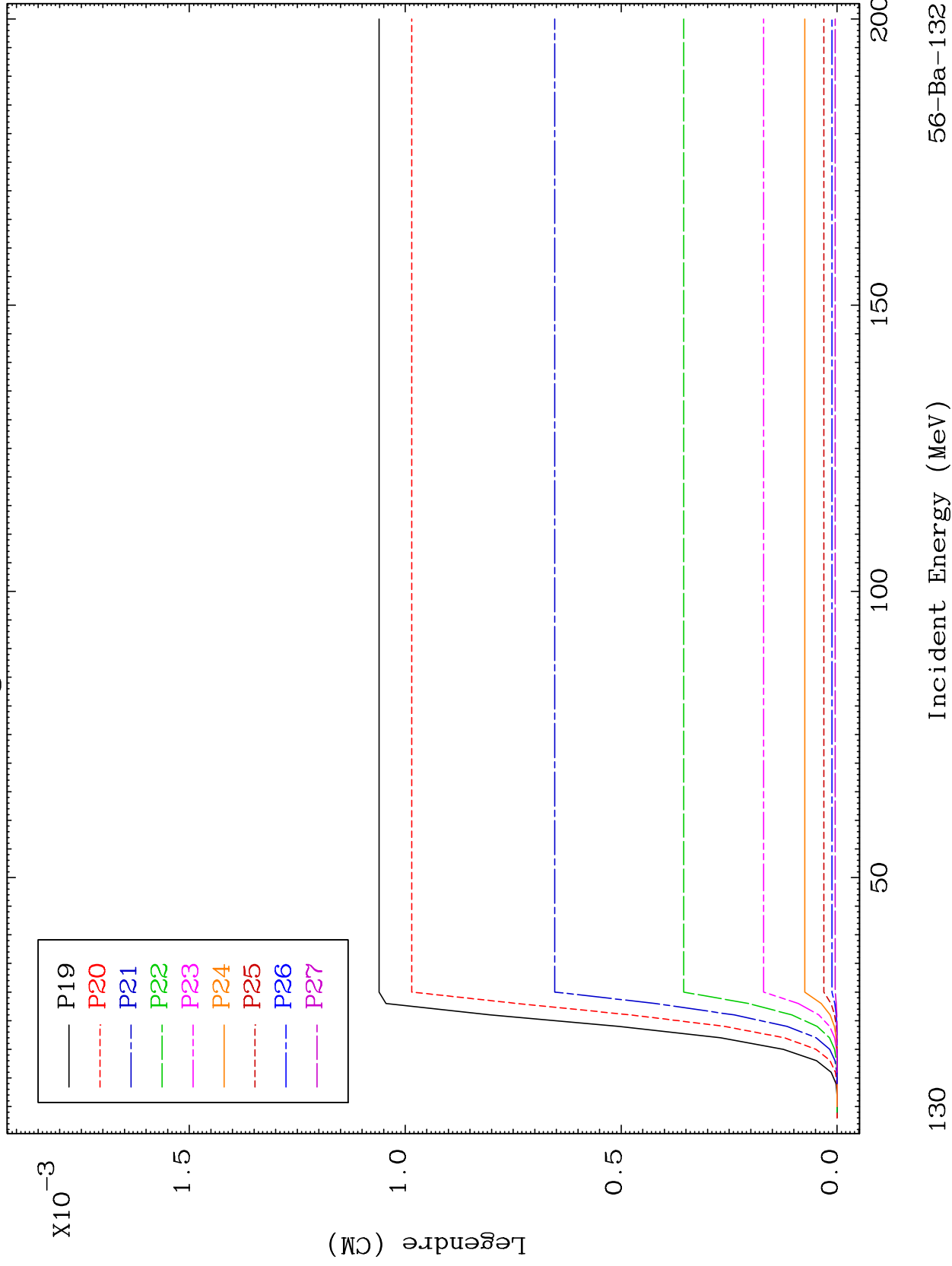


129

MAT 5631

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

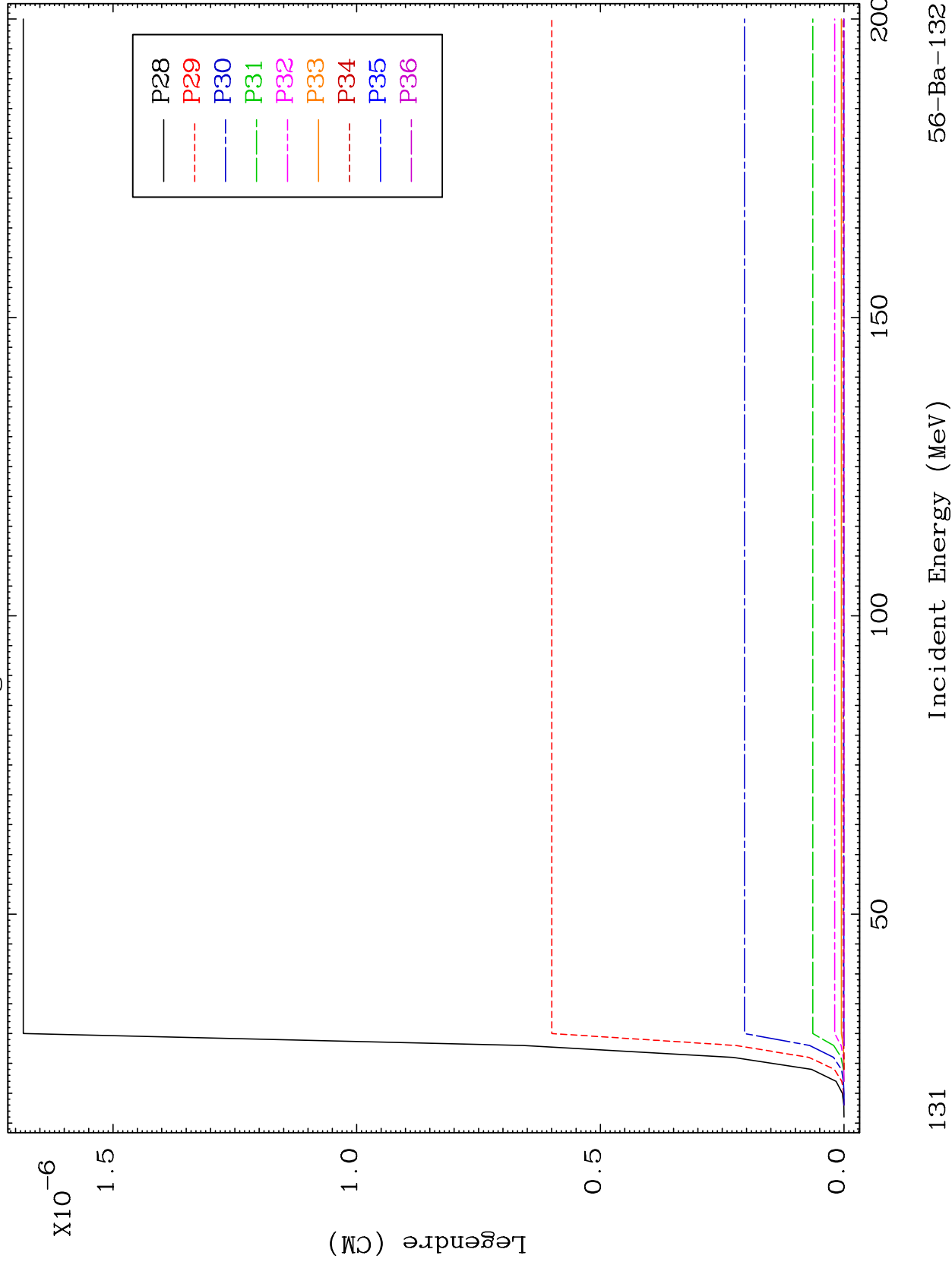
56-Ba-132



MAT 5631

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

56-Ba-132



131

Incident Energy (MeV)

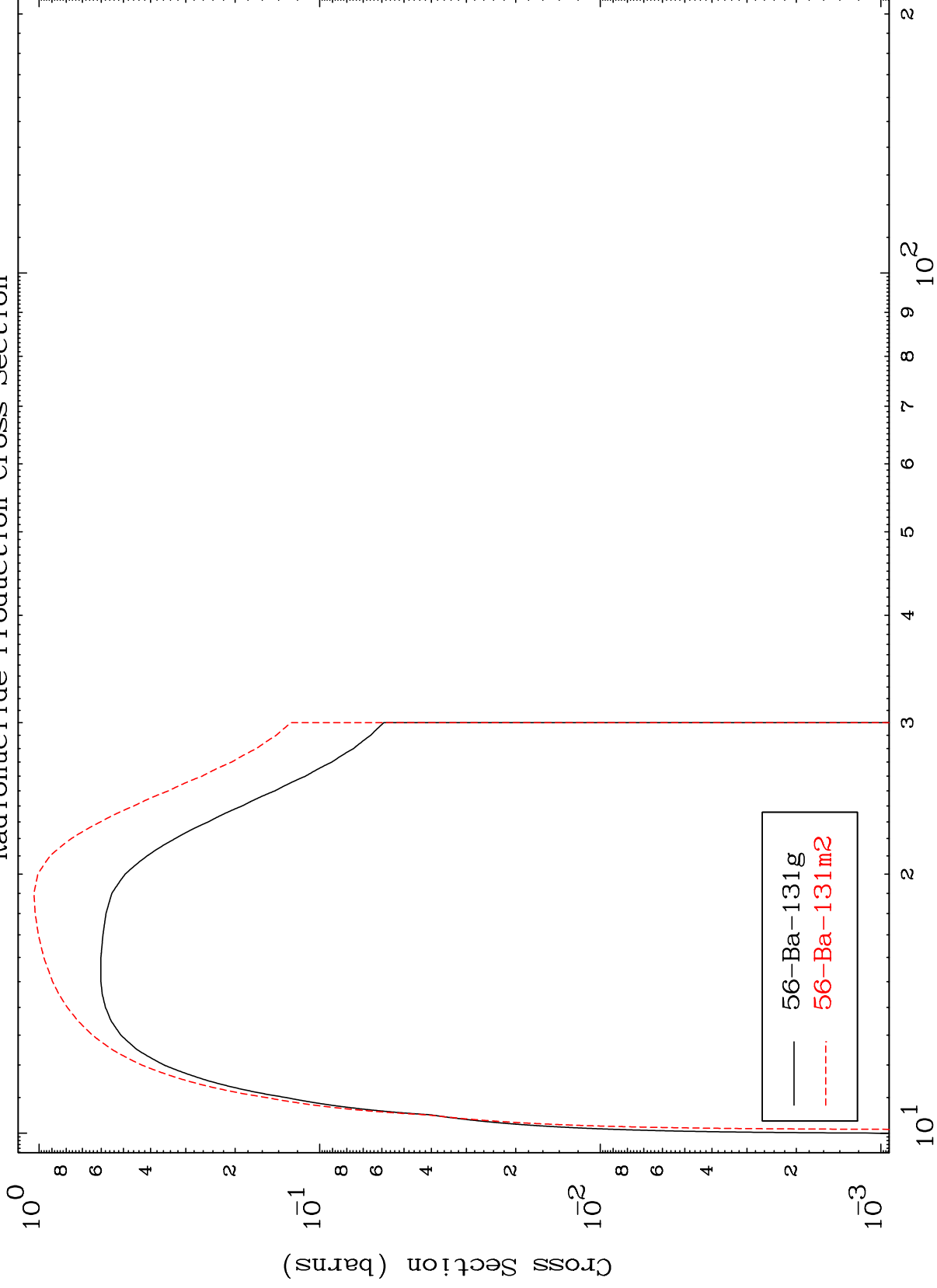
56-Ba-132

MAT 5631

(n,2n)

56-Ba-132

Radionuclide Production Cross Section



56-Ba-132

56-Ba-132

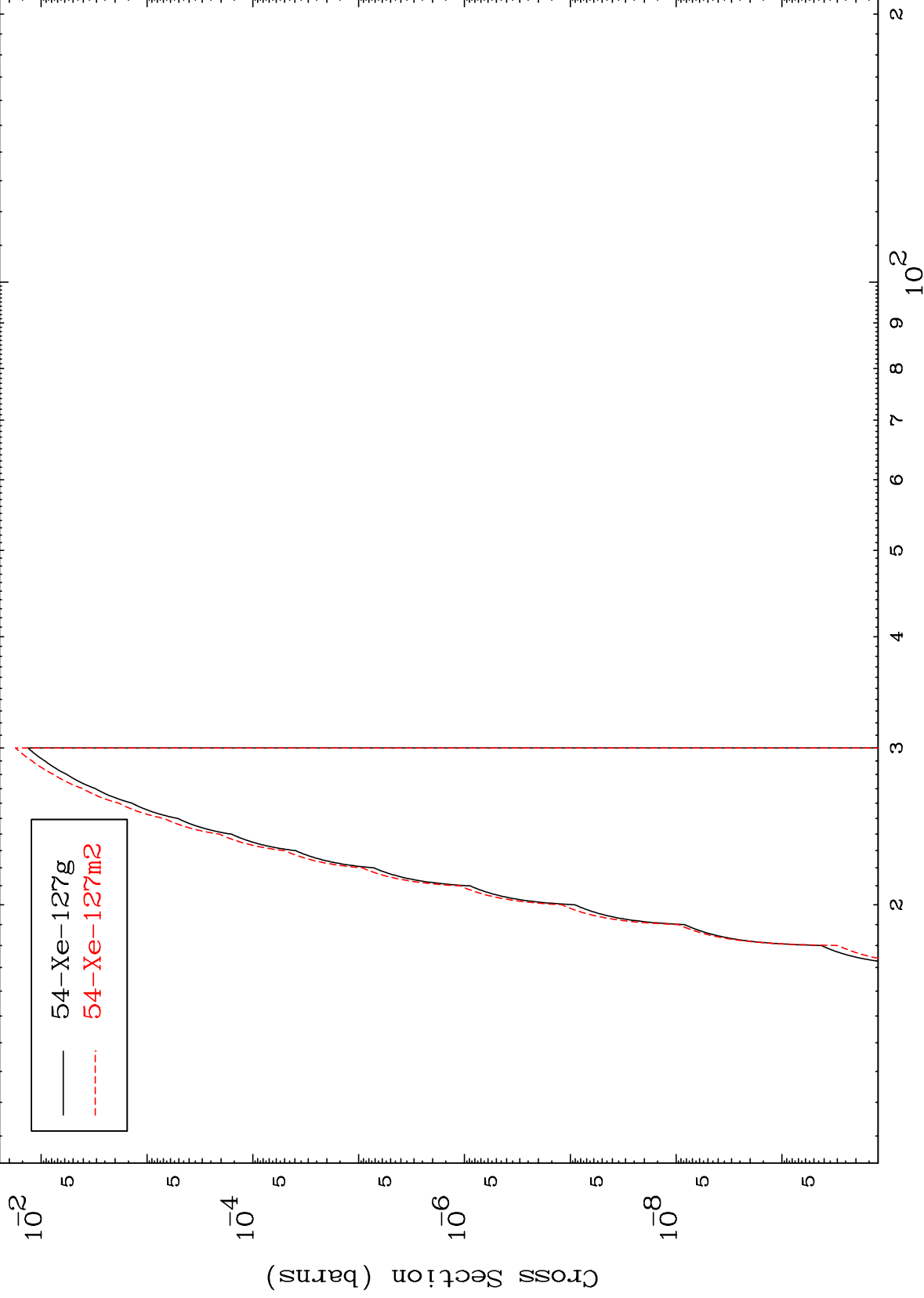
132

MAT 5631

(n,2n)  $\alpha$

56-Ba-132

Radionuclide Production Cross Section



133

Incident Energy (MeV)

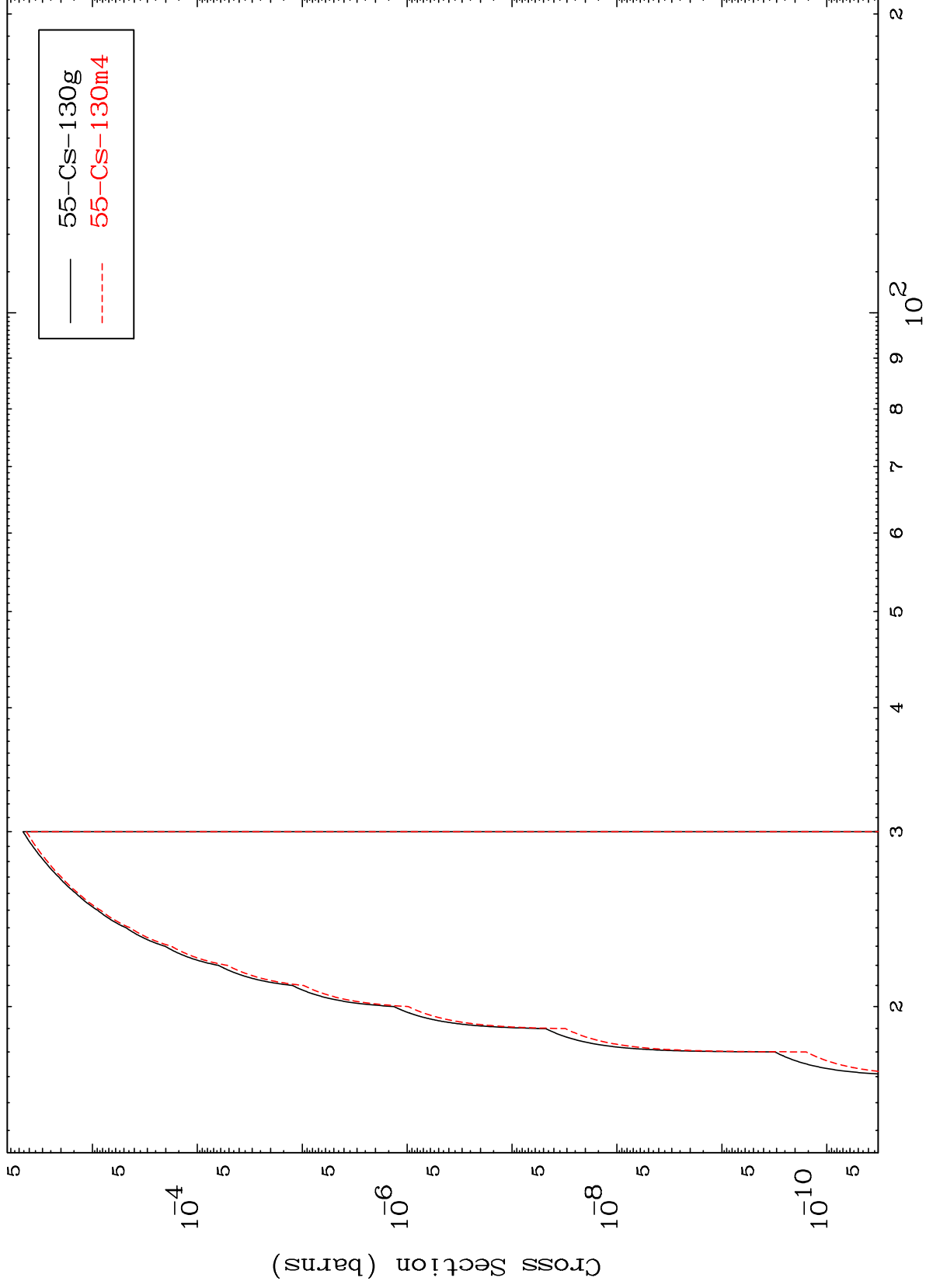
56-Ba-132

MAT 5631

(n,n') d

56-Ba-132

Radionuclide Production Cross Section



134

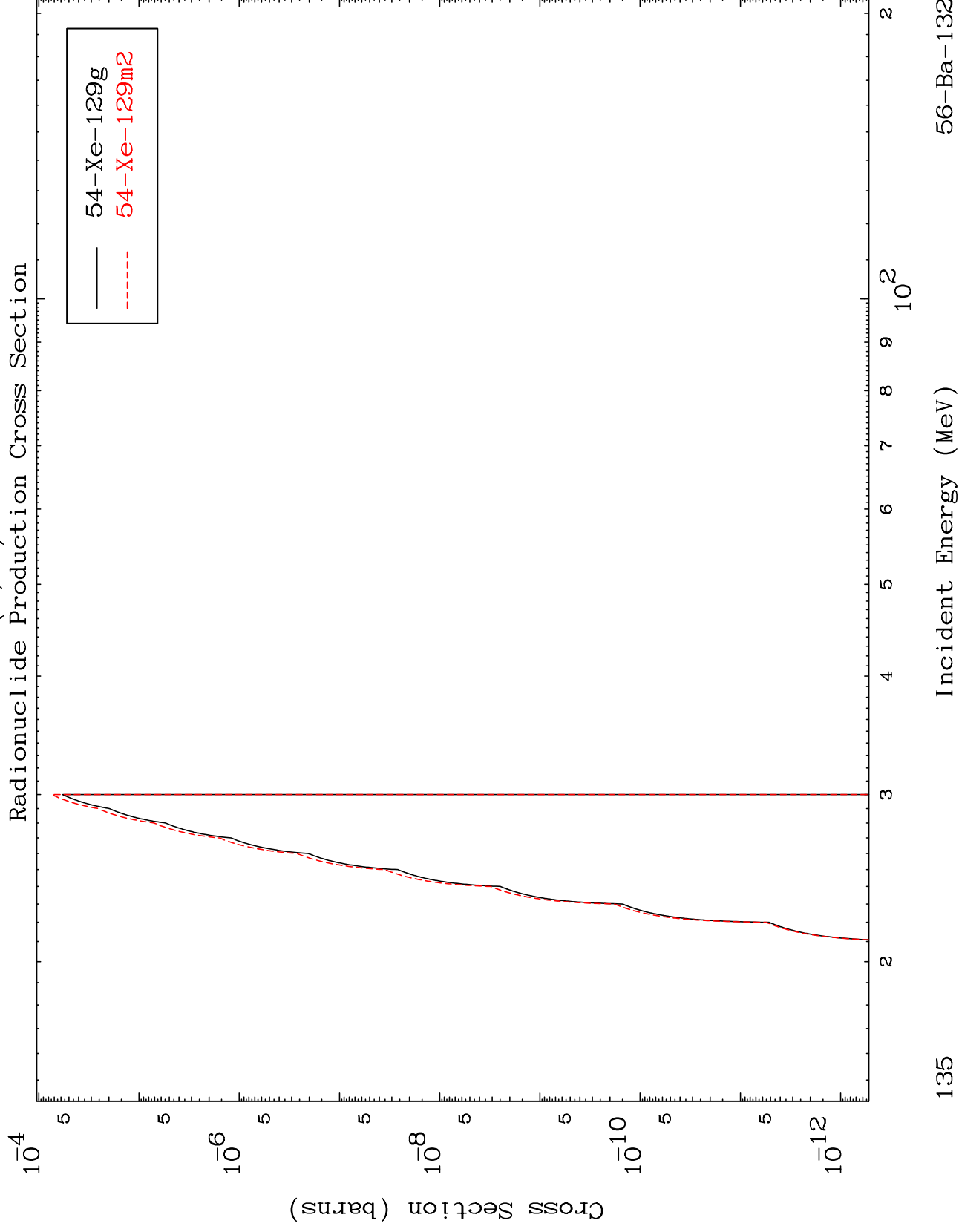
Incident Energy (MeV)

56-Ba-132

MAT 5631

(n,n') He-3

56-Ba-132



135

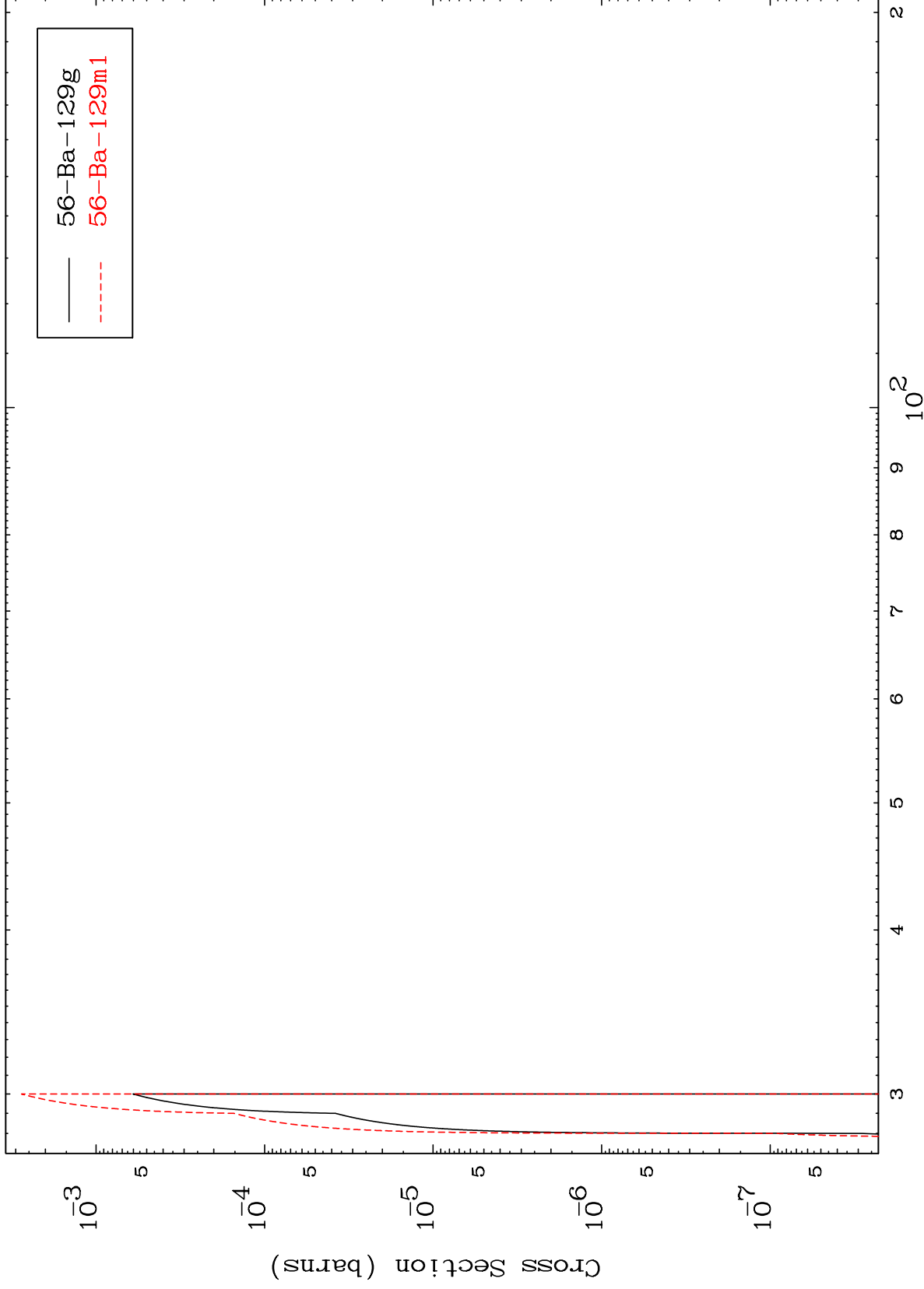
56-Ba-132

MAT 5631

(n,4n)

56-Ba-132

Radionuclide Production Cross Section



136

Incident Energy (MeV)

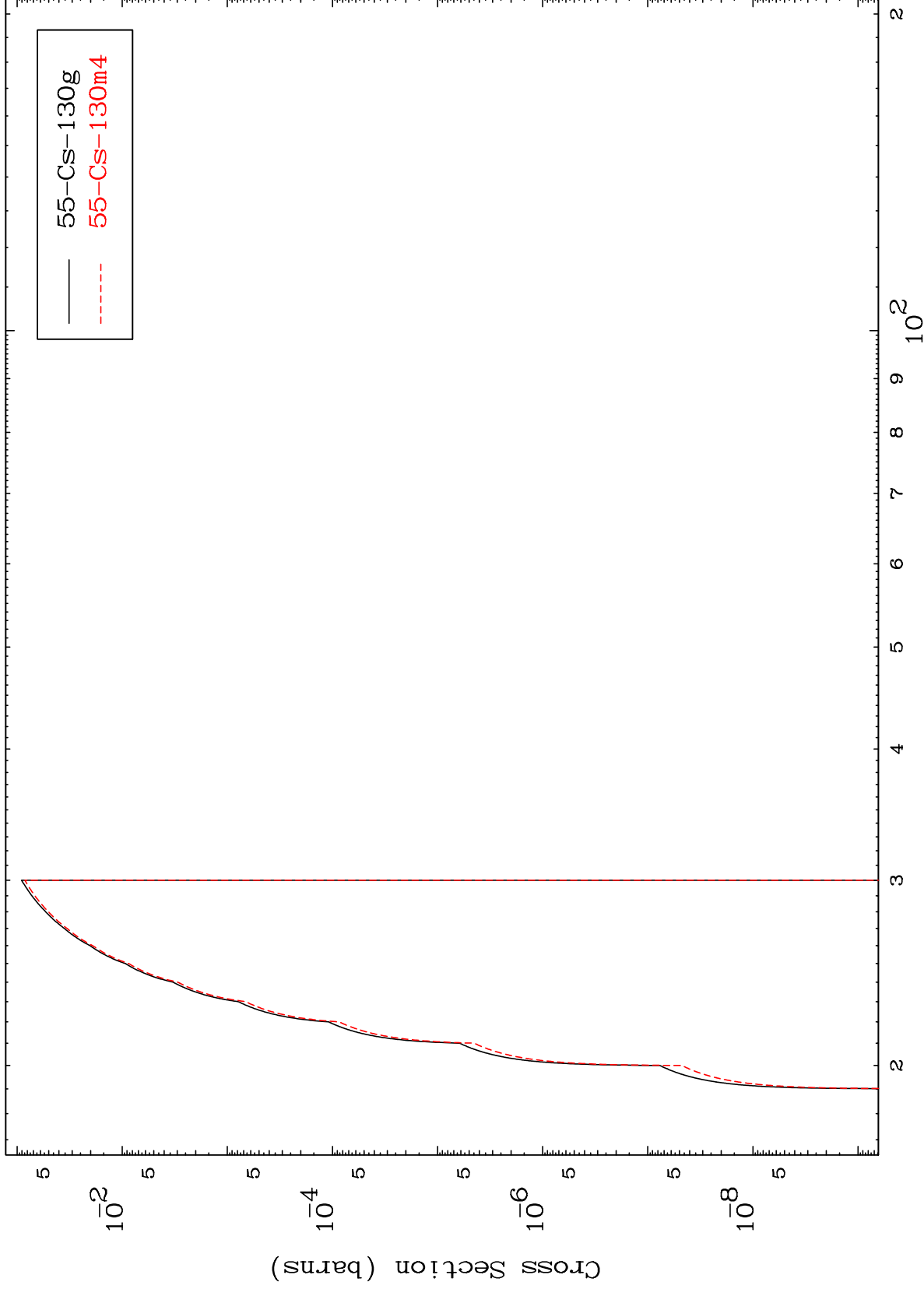
56-Ba-132

MAT 5631

(n,2n) p

56-Ba-132

Radionuclide Production Cross Section



137

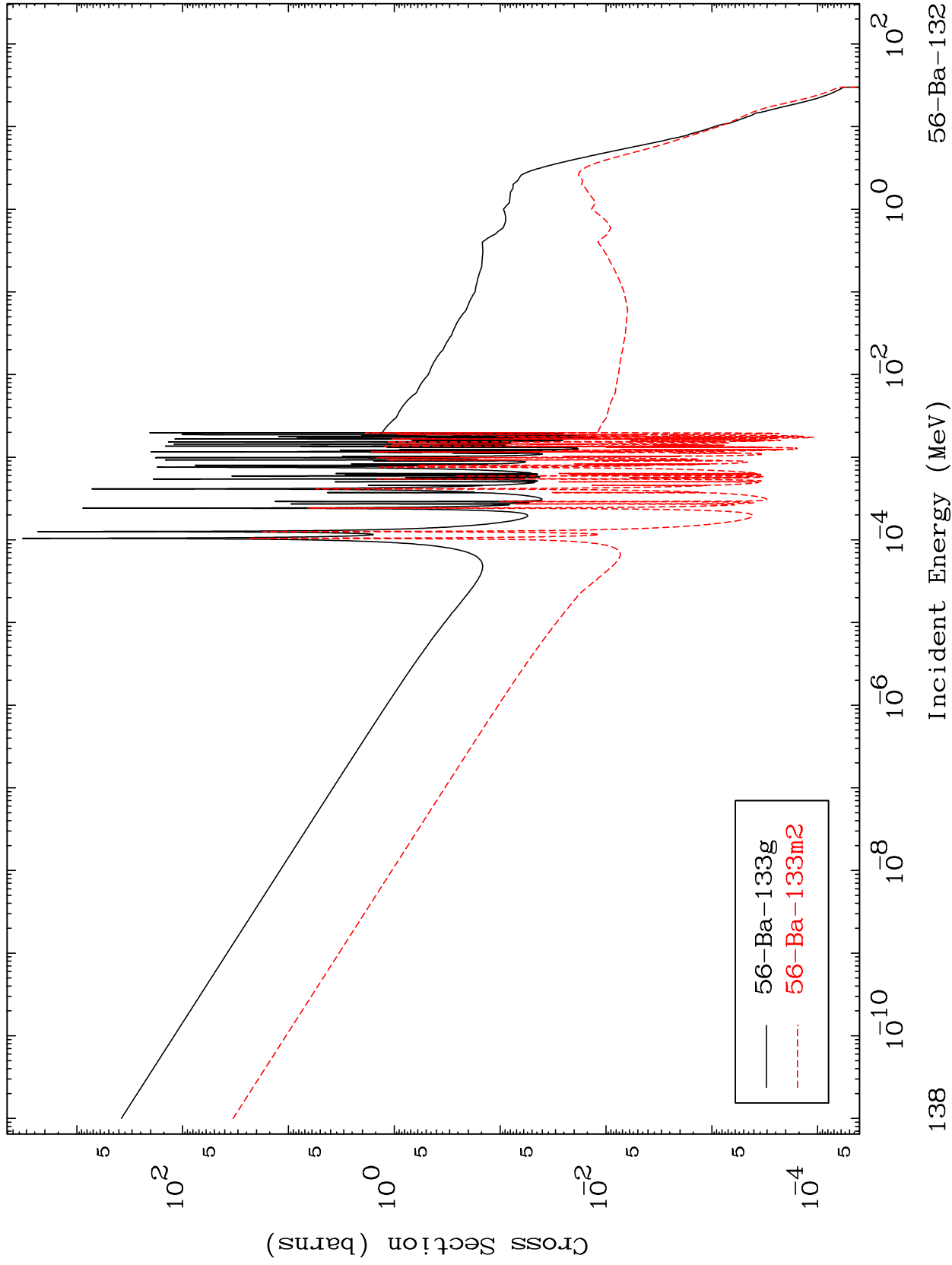
Incident Energy (MeV)

56-Ba-132

MAT 5631

56-Ba-132

$(n, \gamma)$   
Radionuclide Production Cross Section



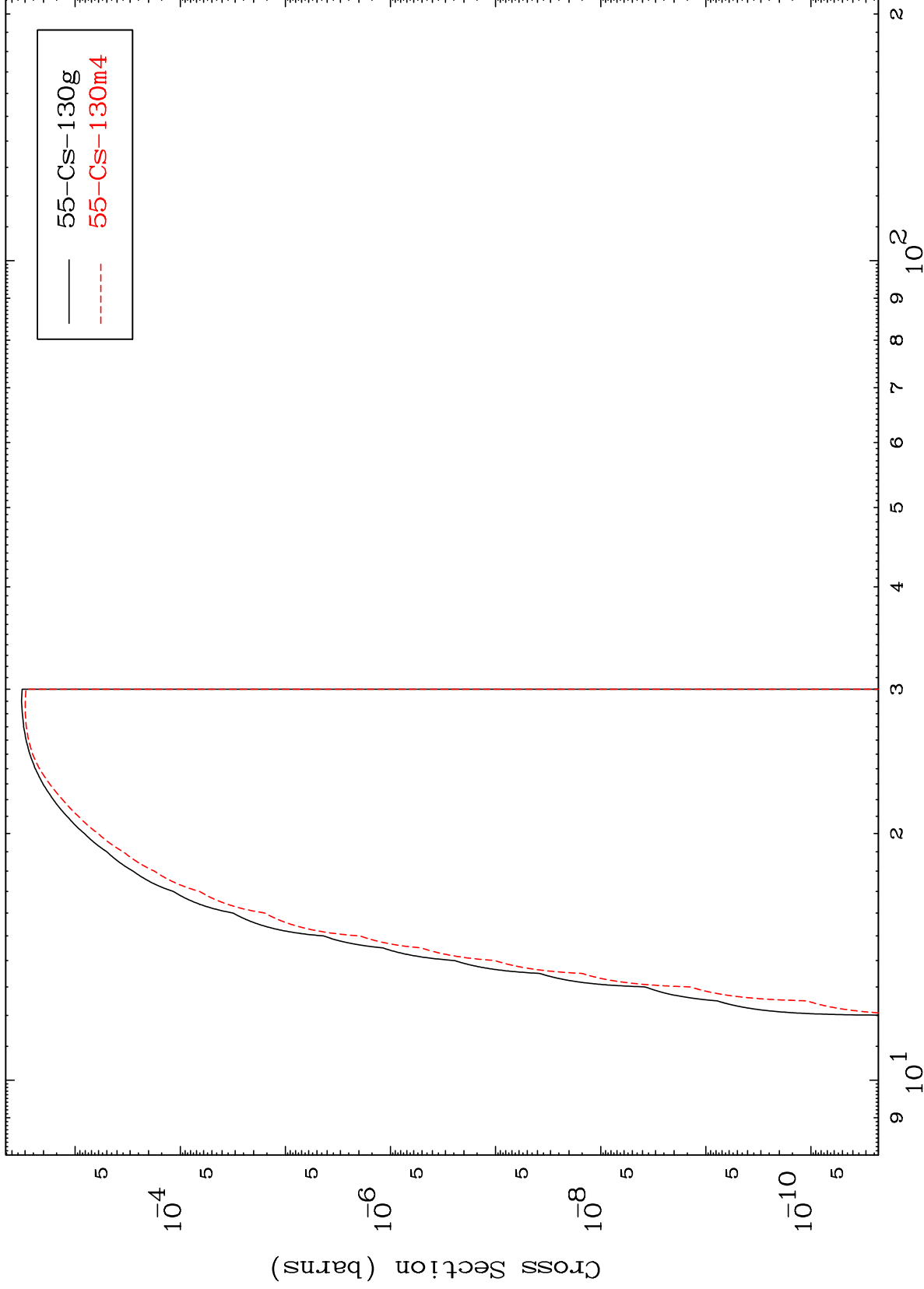
138

56-Ba-132

MAT 5631

56-Ba-132

(n,t)  
Radionuclide Production Cross Section



139

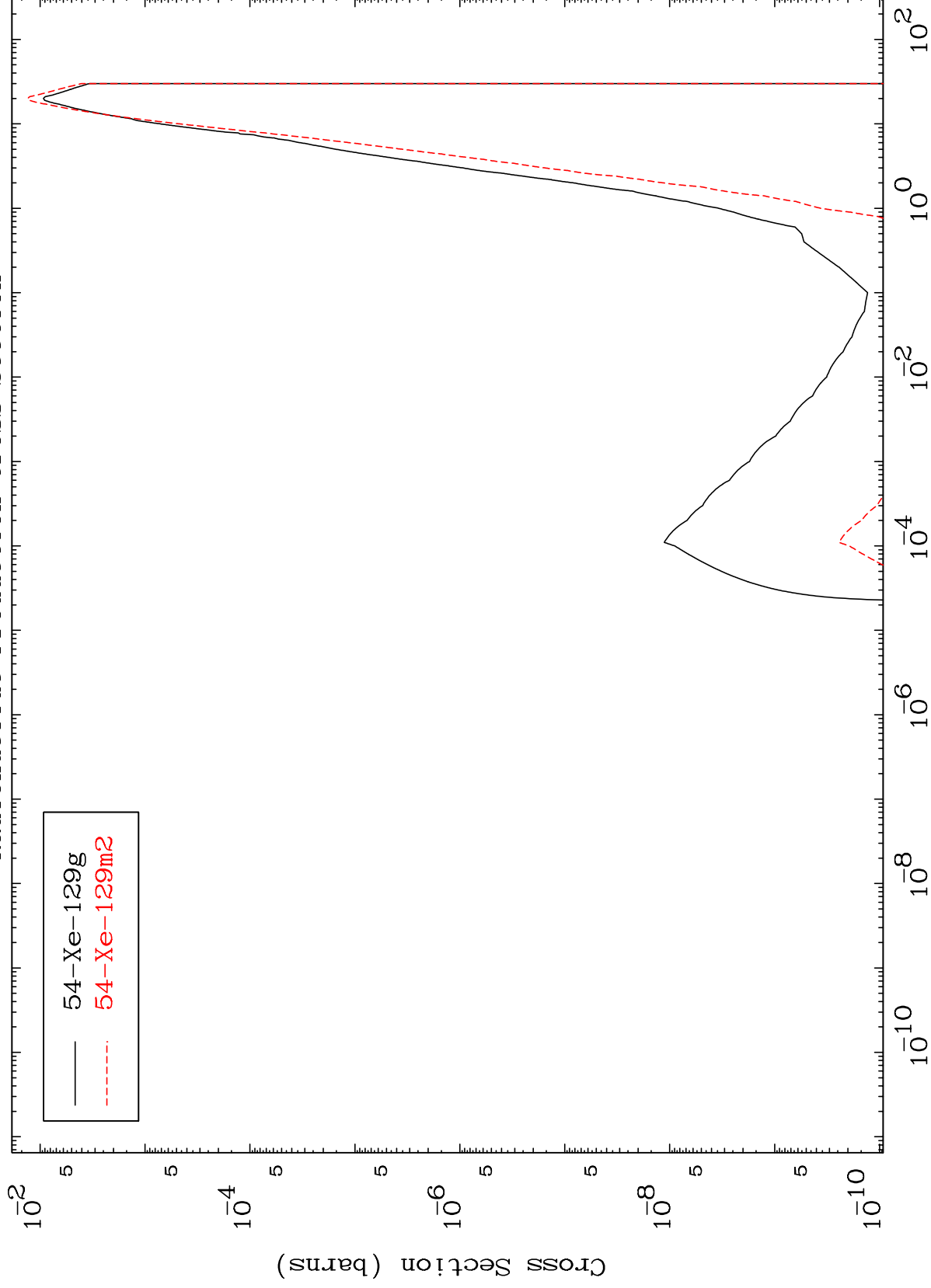
Incident Energy (MeV)

56-Ba-132

MAT 5631

56-Ba-132

(n,  $\alpha$ )  
Radionuclide Production Cross Section



140

Incident Energy (MeV)

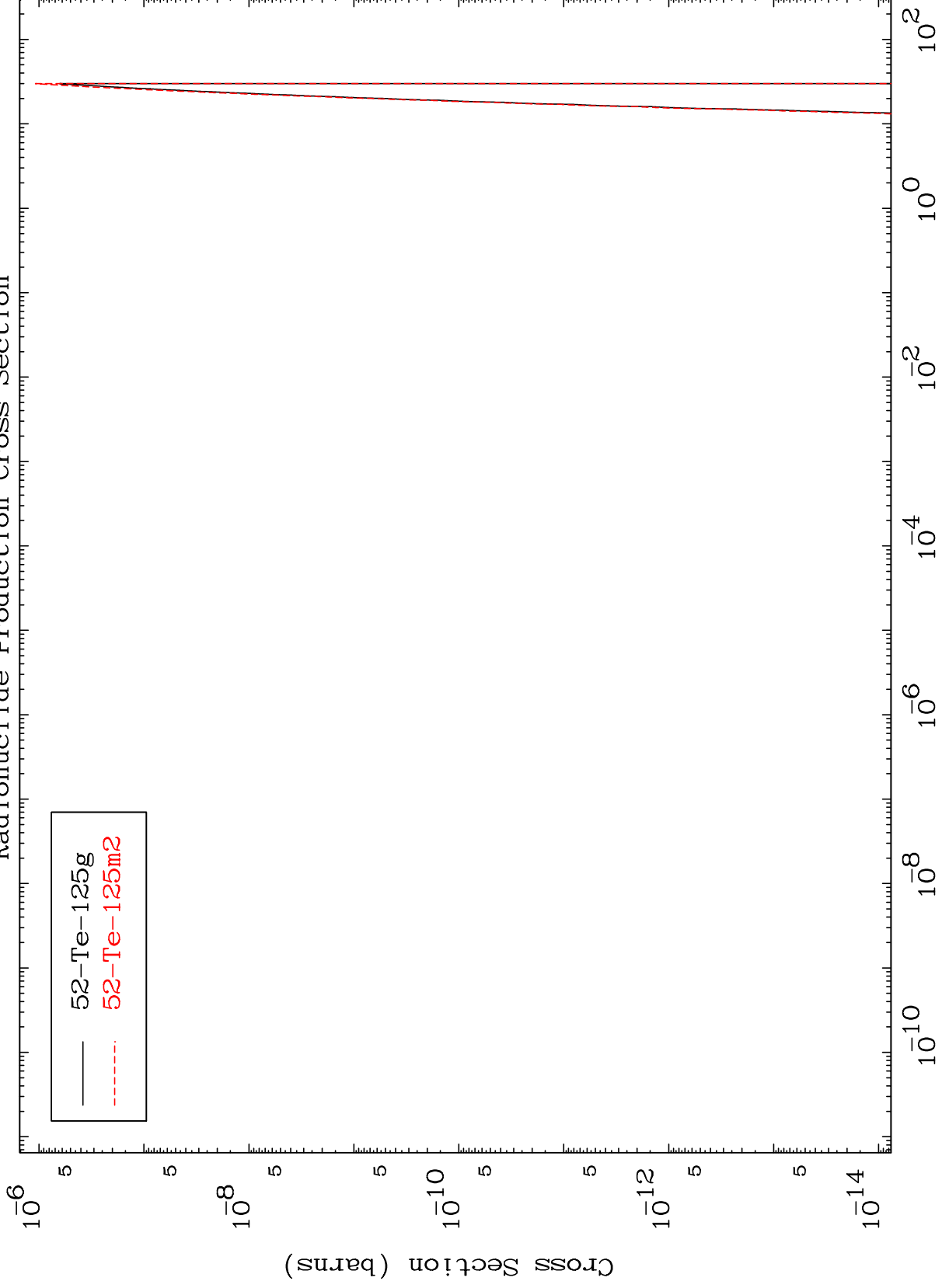
56-Ba-132

MAT 5631

(n,2α)

56-Ba-132

Radionuclide Production Cross Section



141

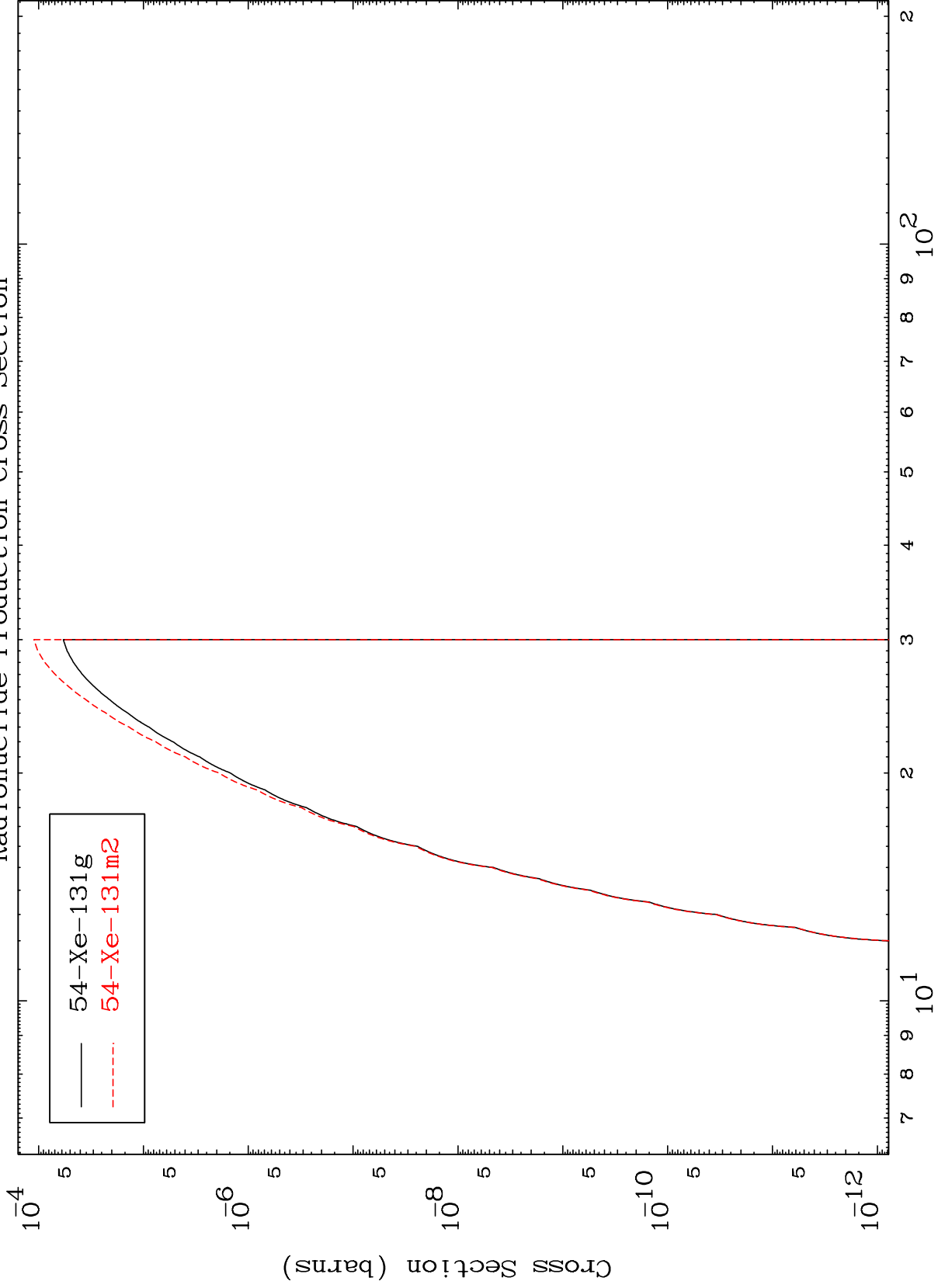
Incident Energy (MeV)

56-Ba-132

MAT 5631

56-Ba-132

(n,2p)  
Radionuclide Production Cross Section



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

56-Ba-132

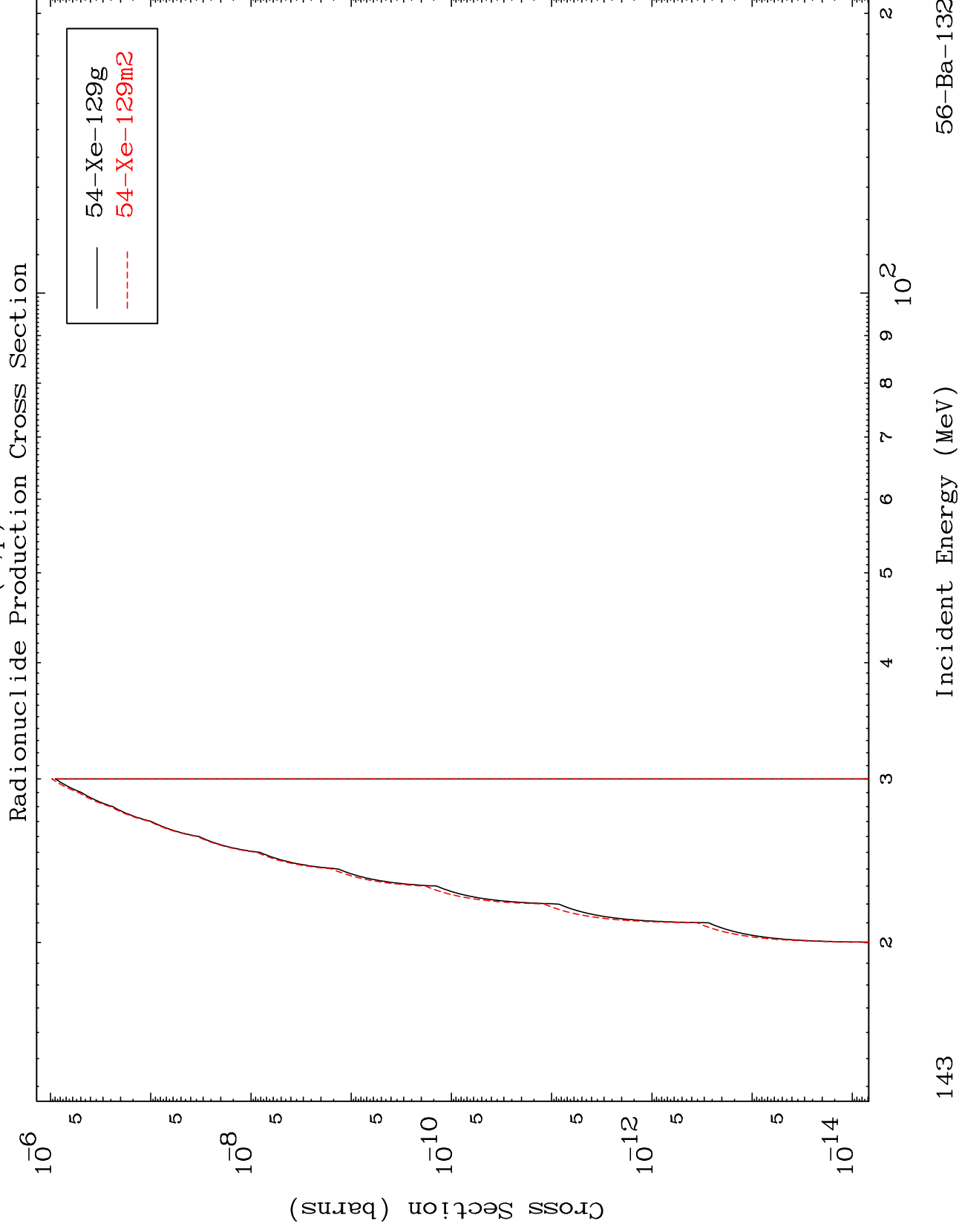
Incident Energy (MeV)

142

MAT 5631

(n,p) t

56-Ba-132



143

56-Ba-132