

Program EVALPLOT
(Version 2018-1)

by

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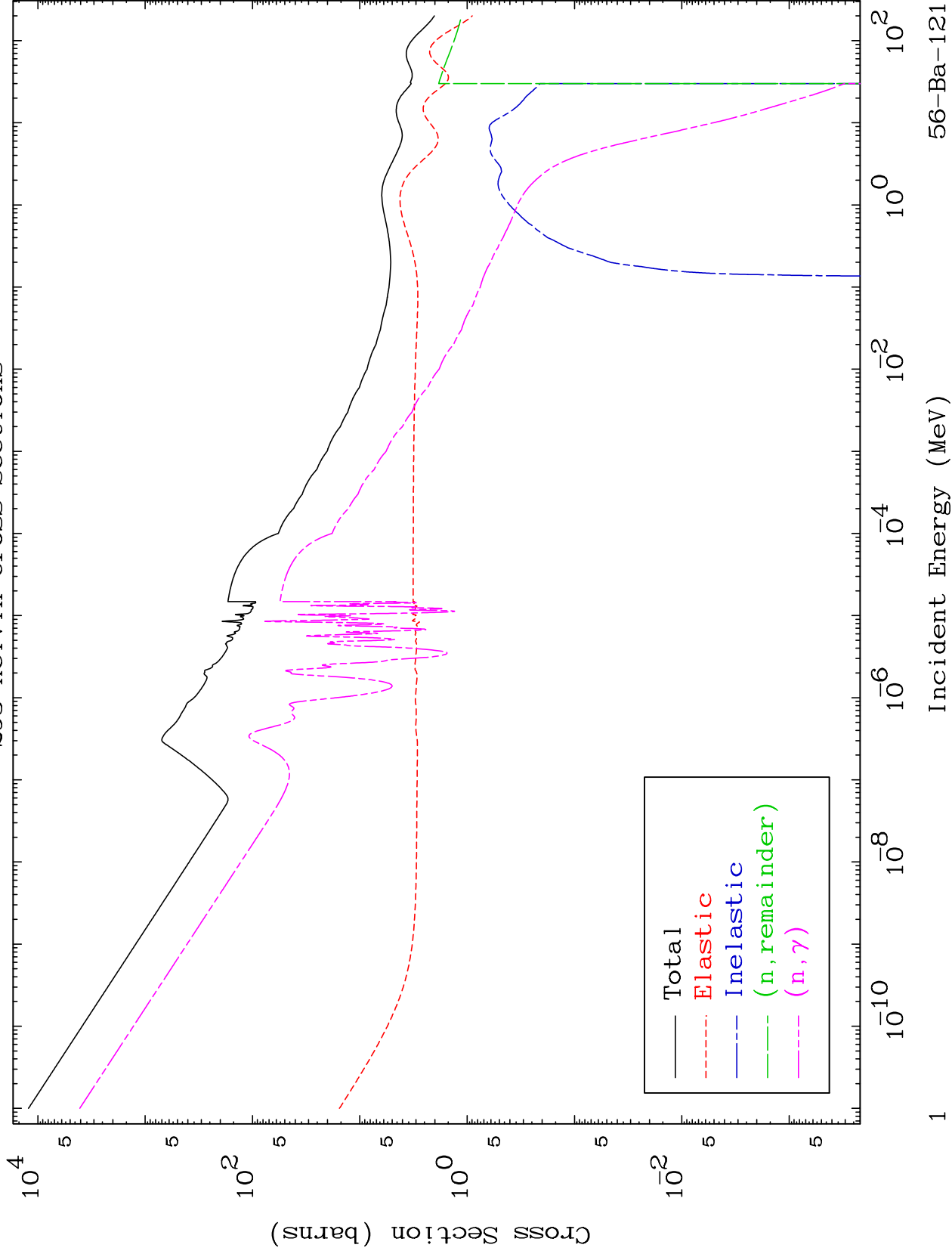
Press Mouse Button to Start

MAT 5598

Major

293 Kelvin Cross Sections

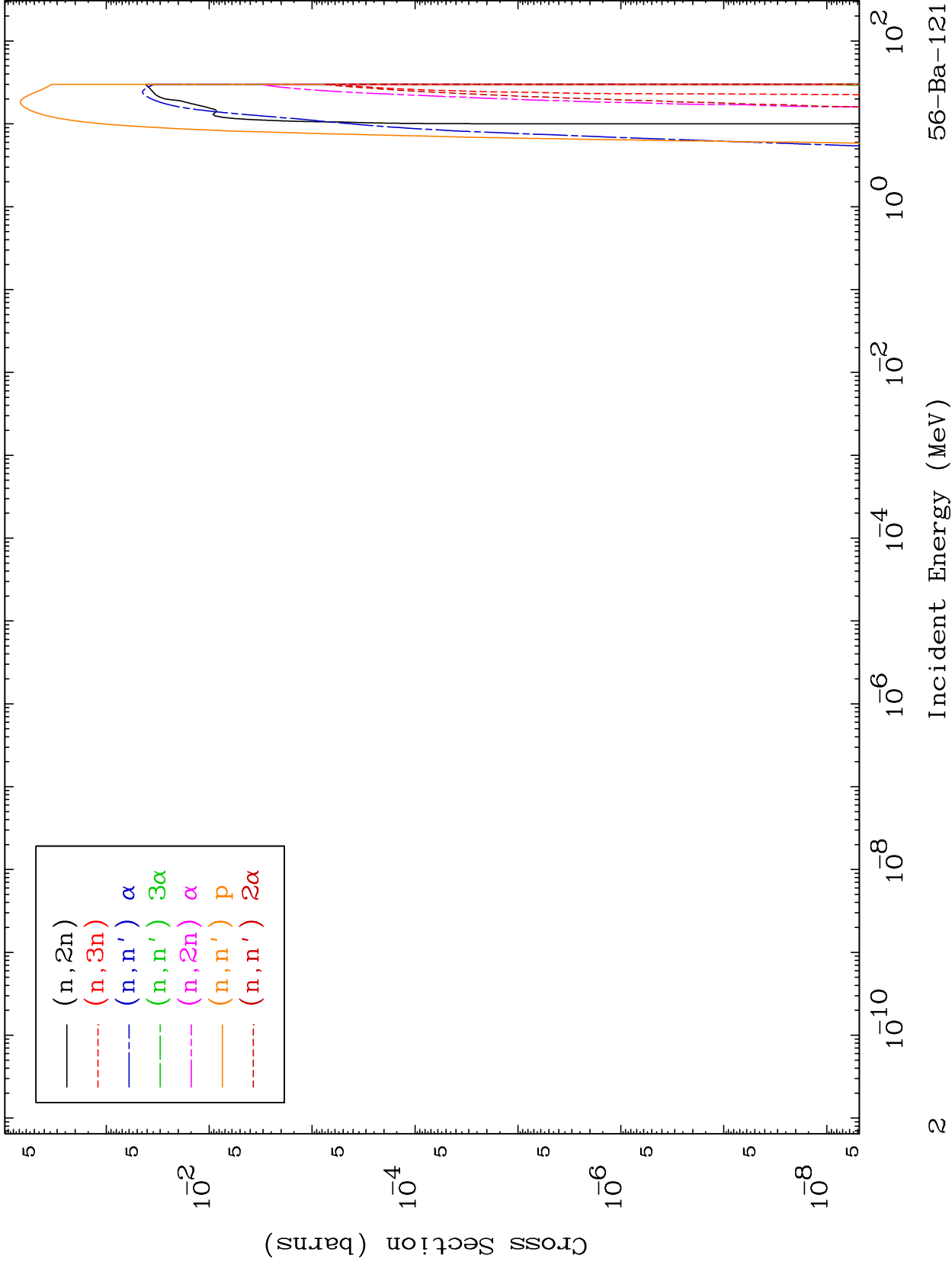
56-Ba-121



MAT 5598

Neutron Production
293 Kelvin Cross Sections

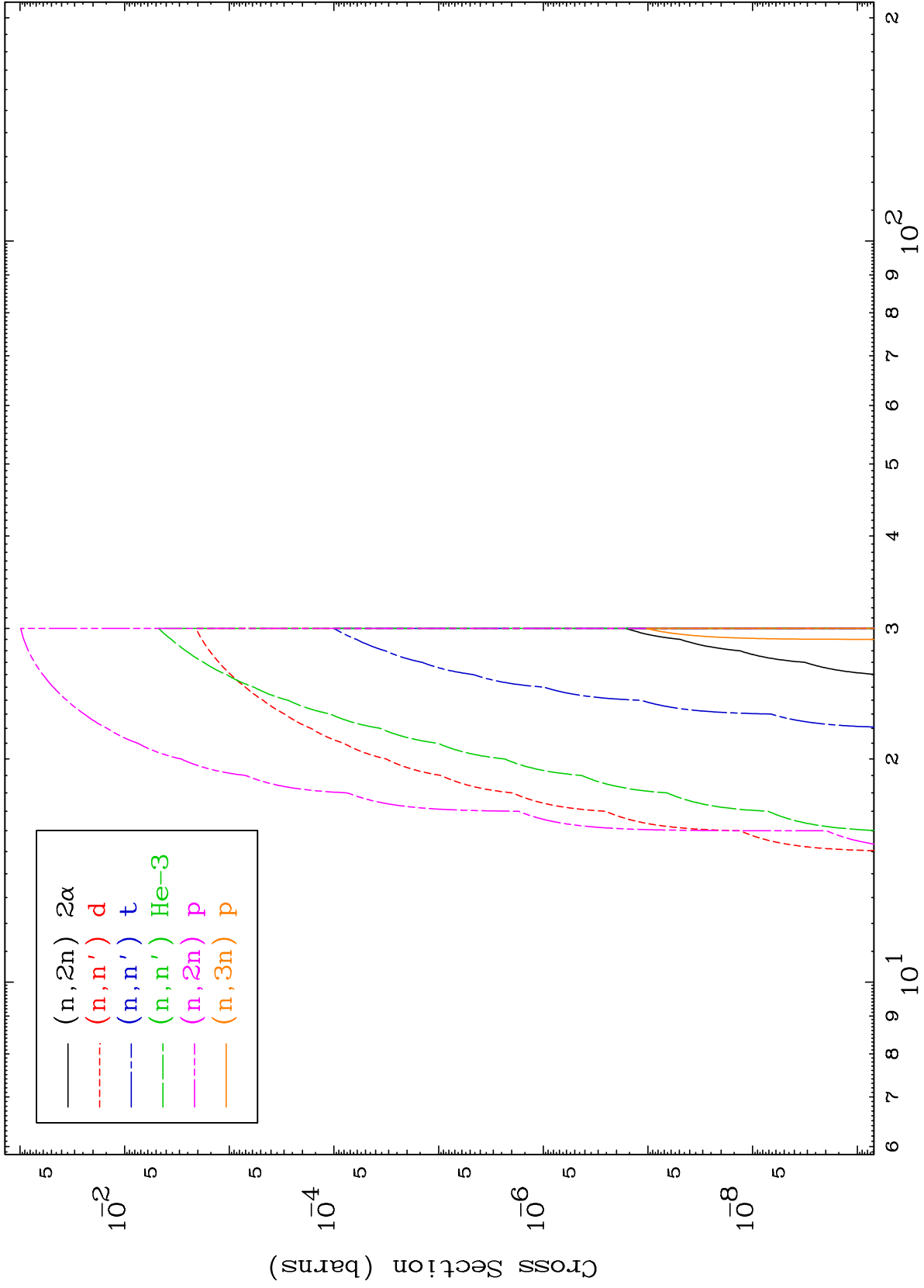
56-Ba-121



MAT 5598

Neutron Production
293 Kelvin Cross Sections

56-Ba-121



3

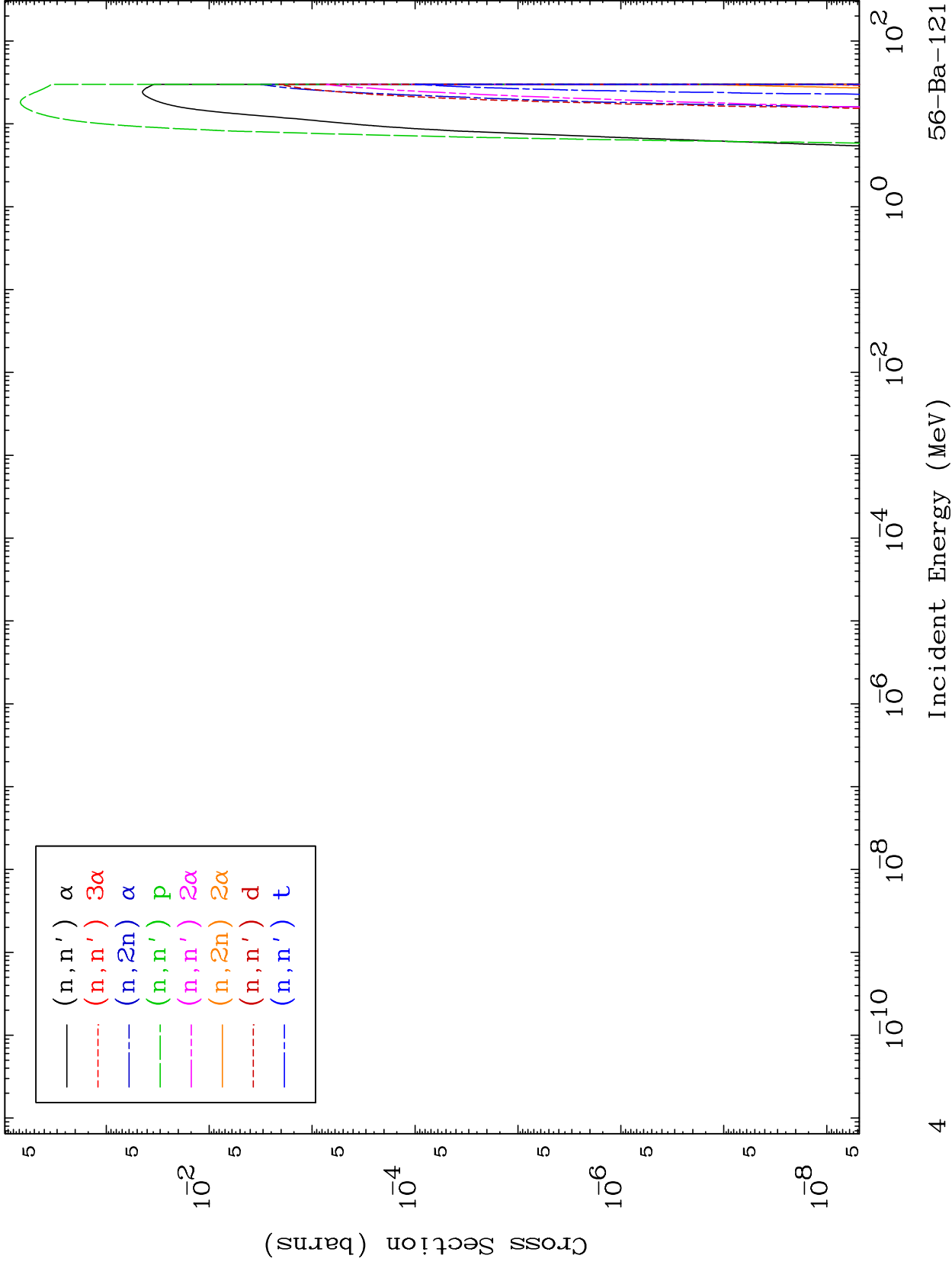
Incident Energy (MeV)

56-Ba-121

MAT 5598

Charged Particle
293 Kelvin Cross Sections

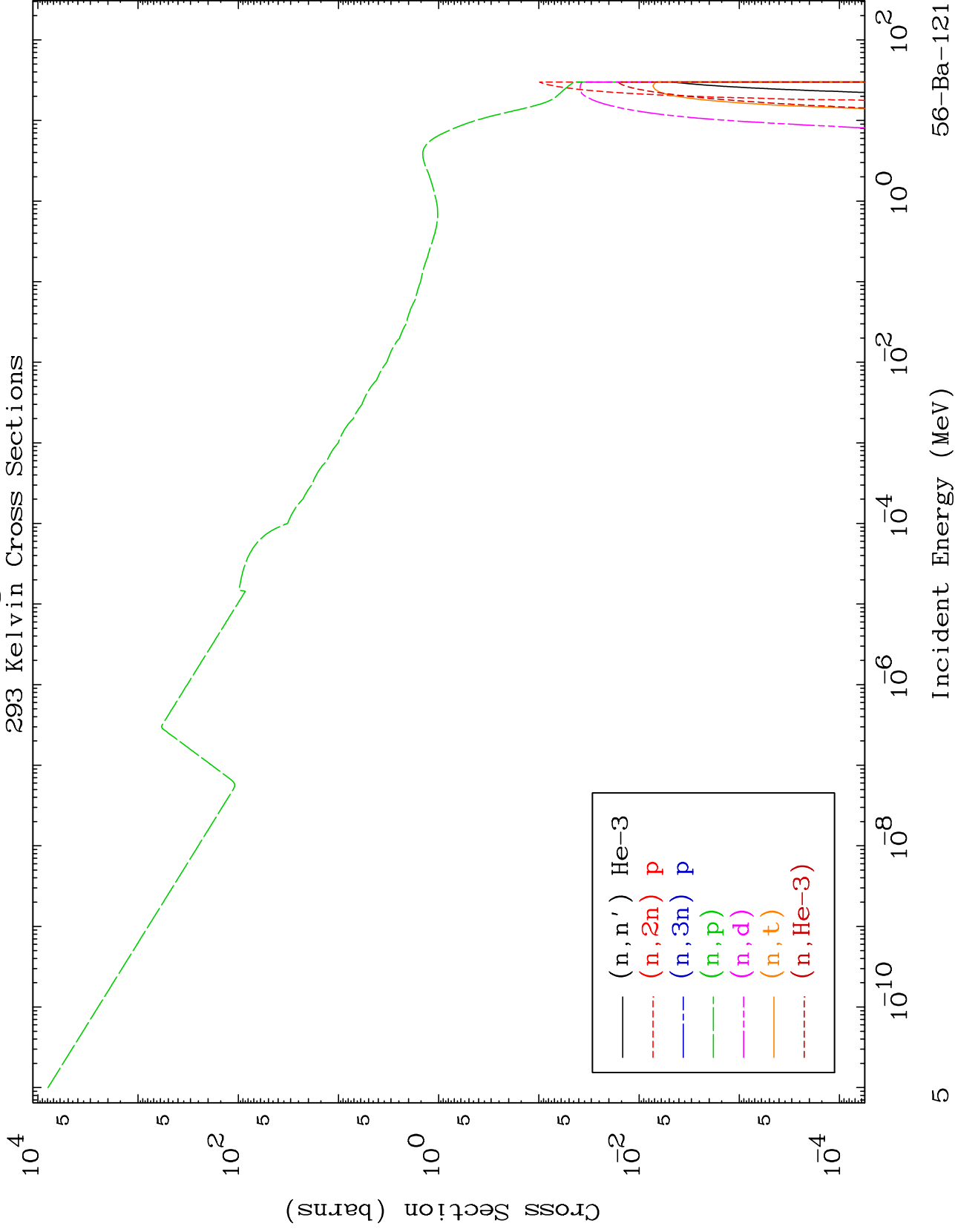
56-Ba-121

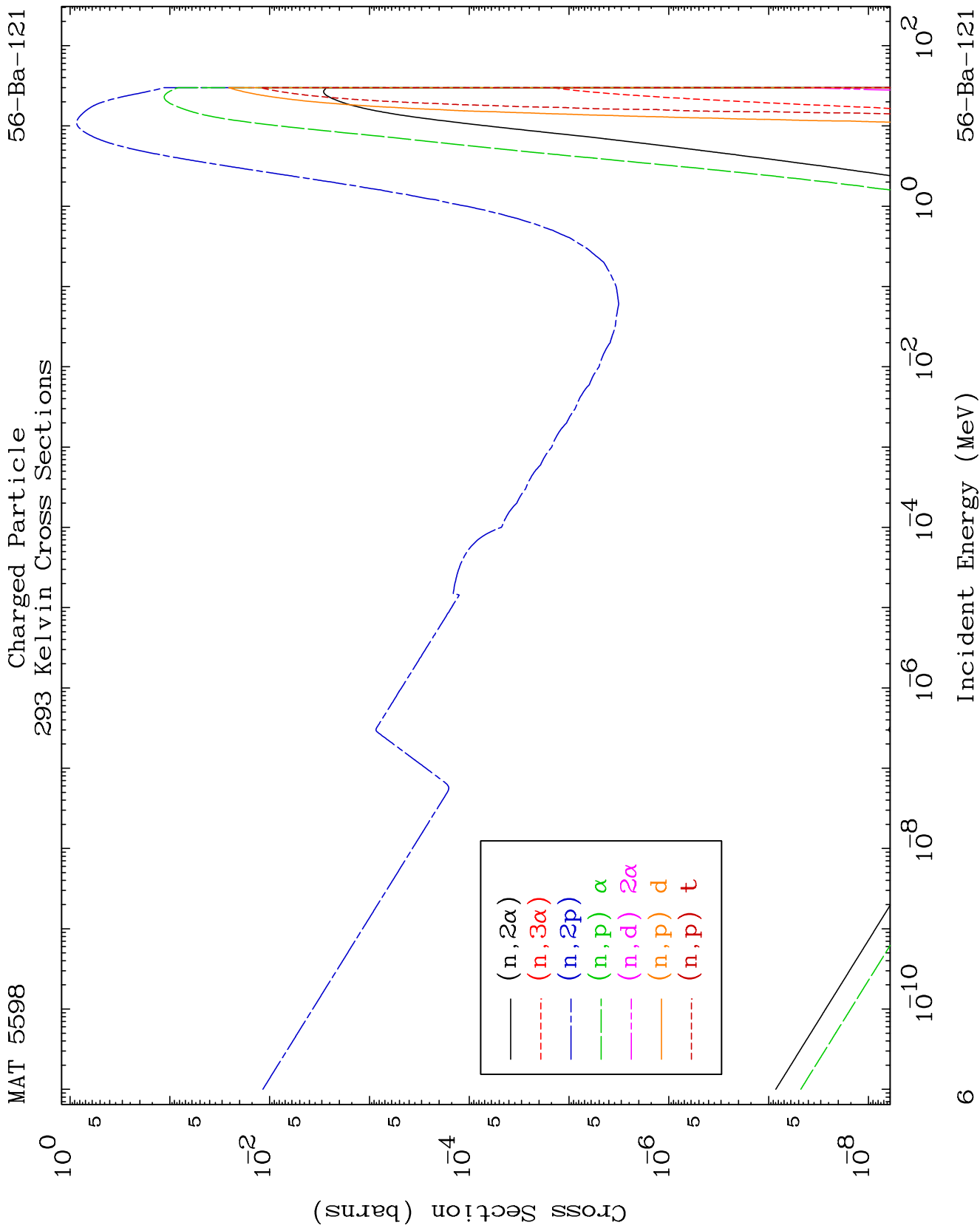


MAT 5598

Charged Particle
293 Kelvin Cross Sections

56-Ba-121

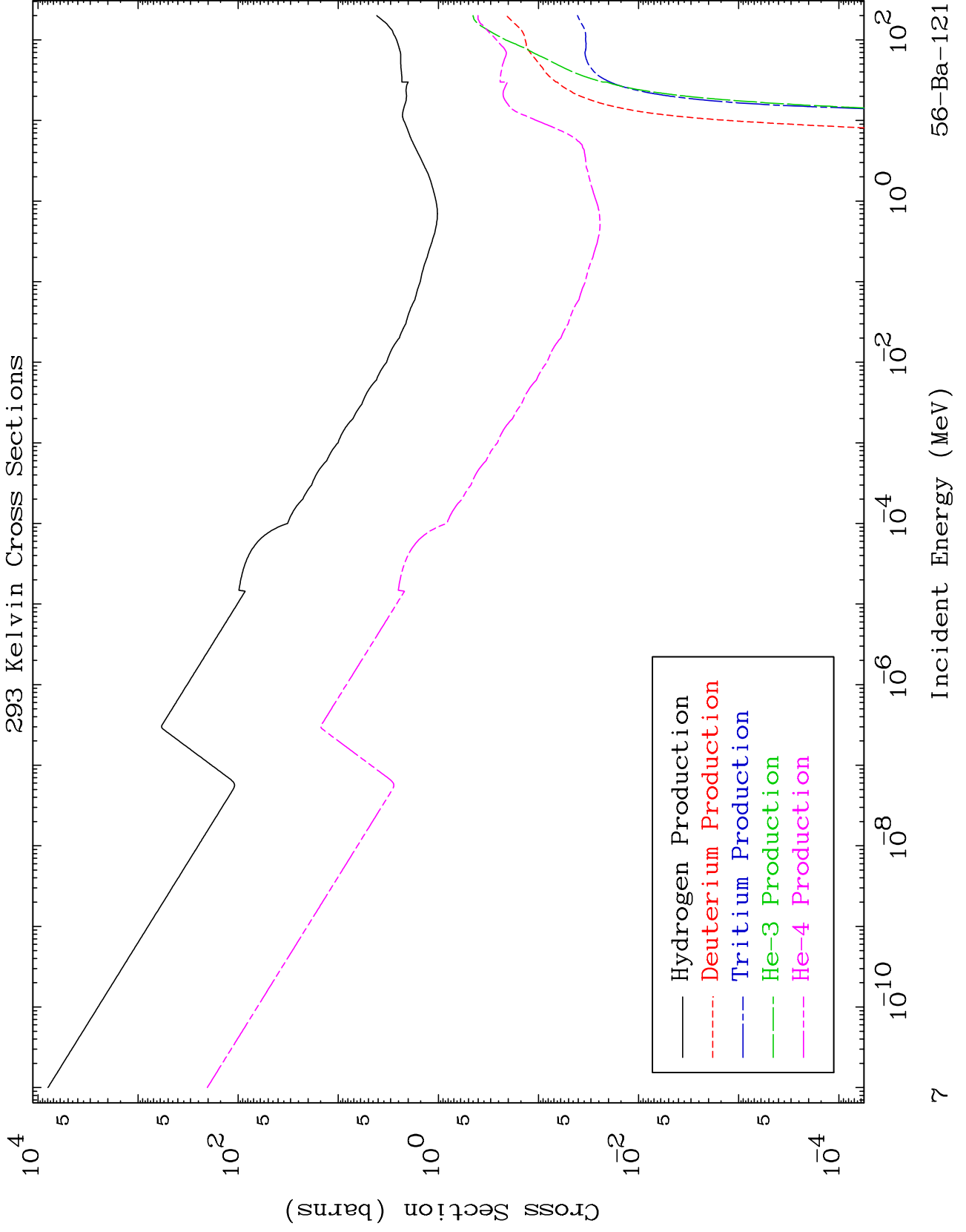




MAT 5598

Particle Production
293 Kelvin Cross Sections

56-Ba-121

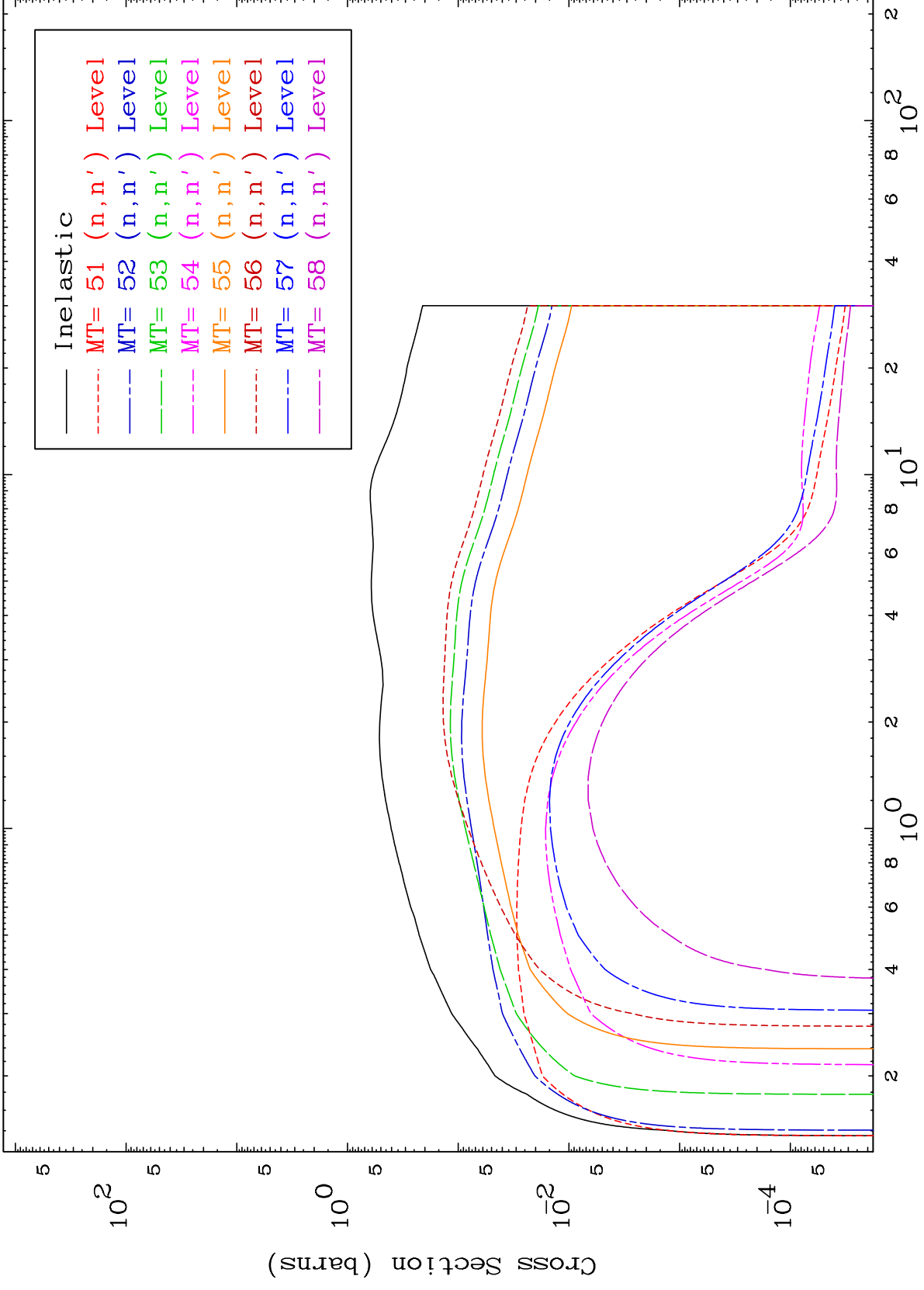


MAT 5598

(n,n') Level

56-Ba-121

293 Kelvin Cross Sections



8

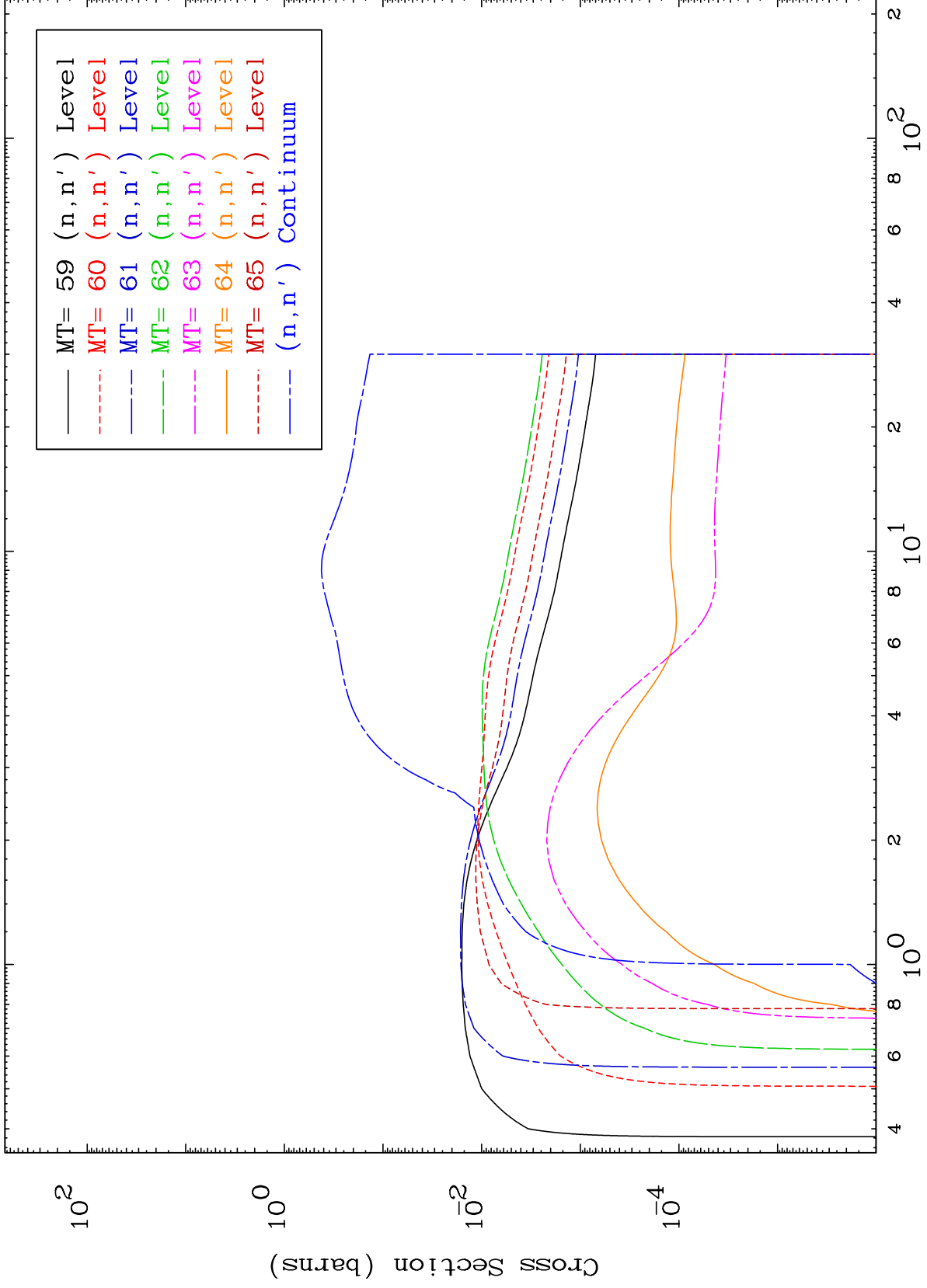
Incident Energy (MeV)

56-Ba-121

MAT 5598

(n,n') Level
293 Kelvin Cross Sections

56-Ba-121



9

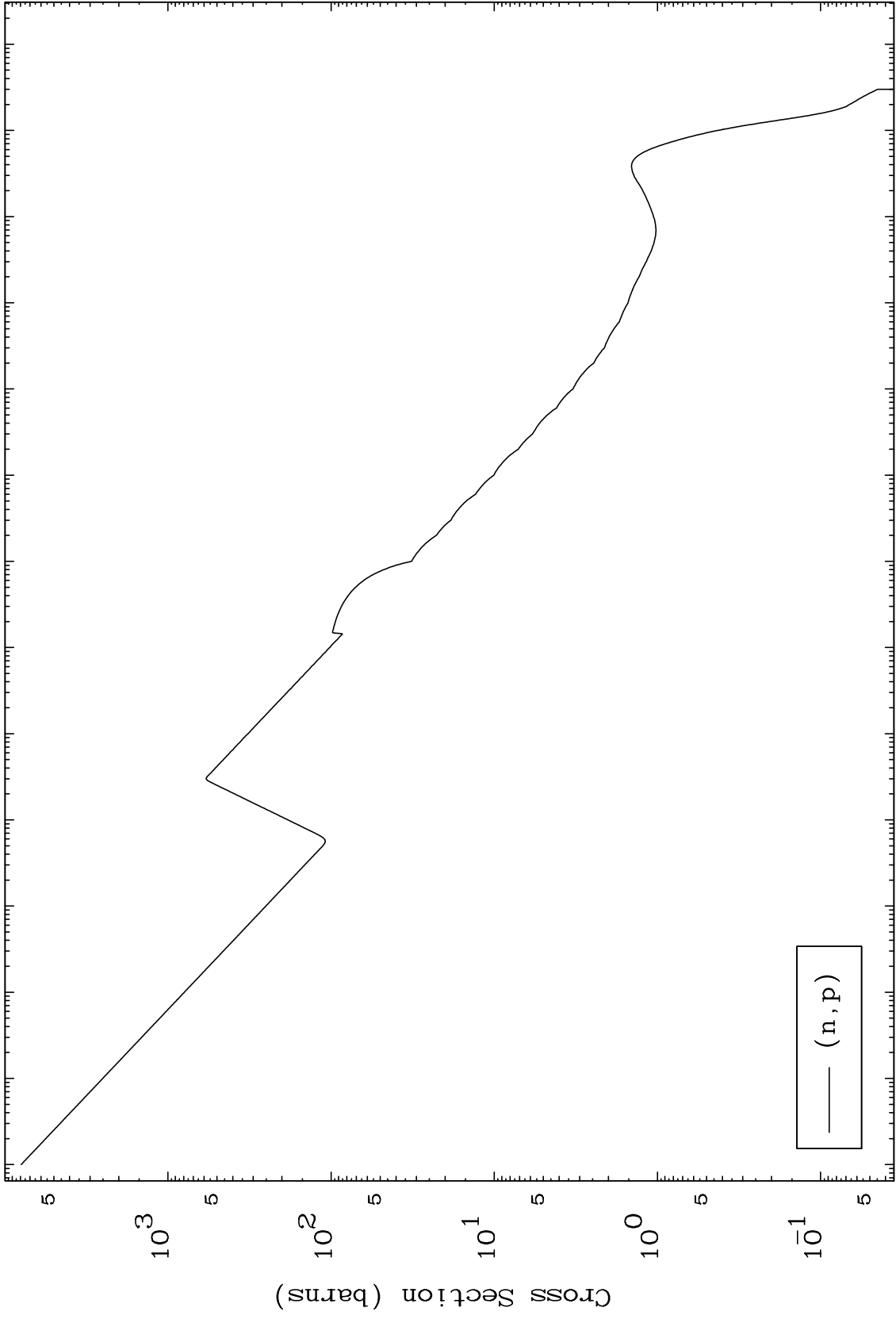
Incident Energy (MeV)

56-Ba-121

MAT 5598

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-121



56-Ba-121

Incident Energy (MeV)

10

10

Incident Energy (MeV)

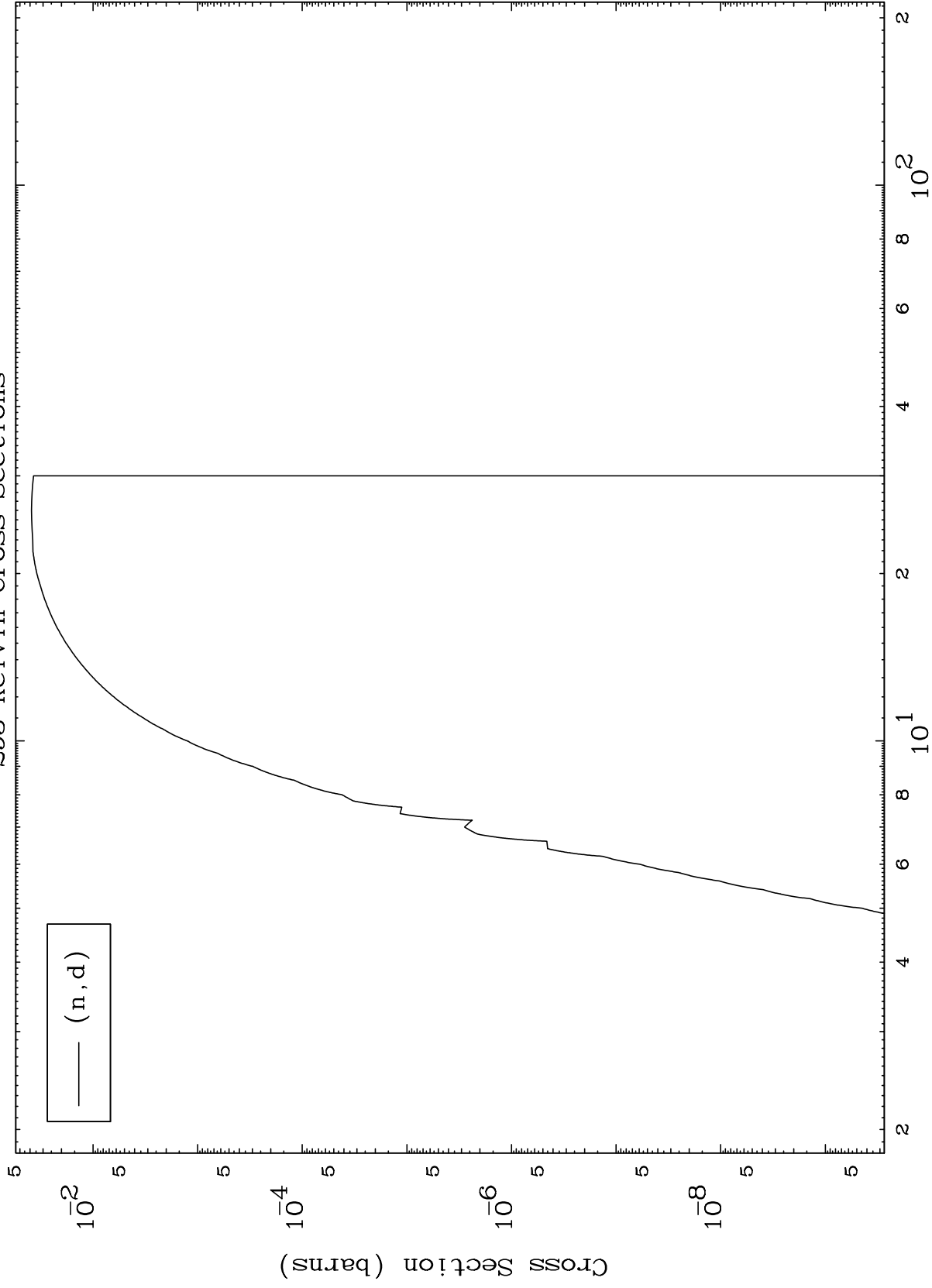
56-Ba-121

(n,p)

MAT 5598

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-121



11

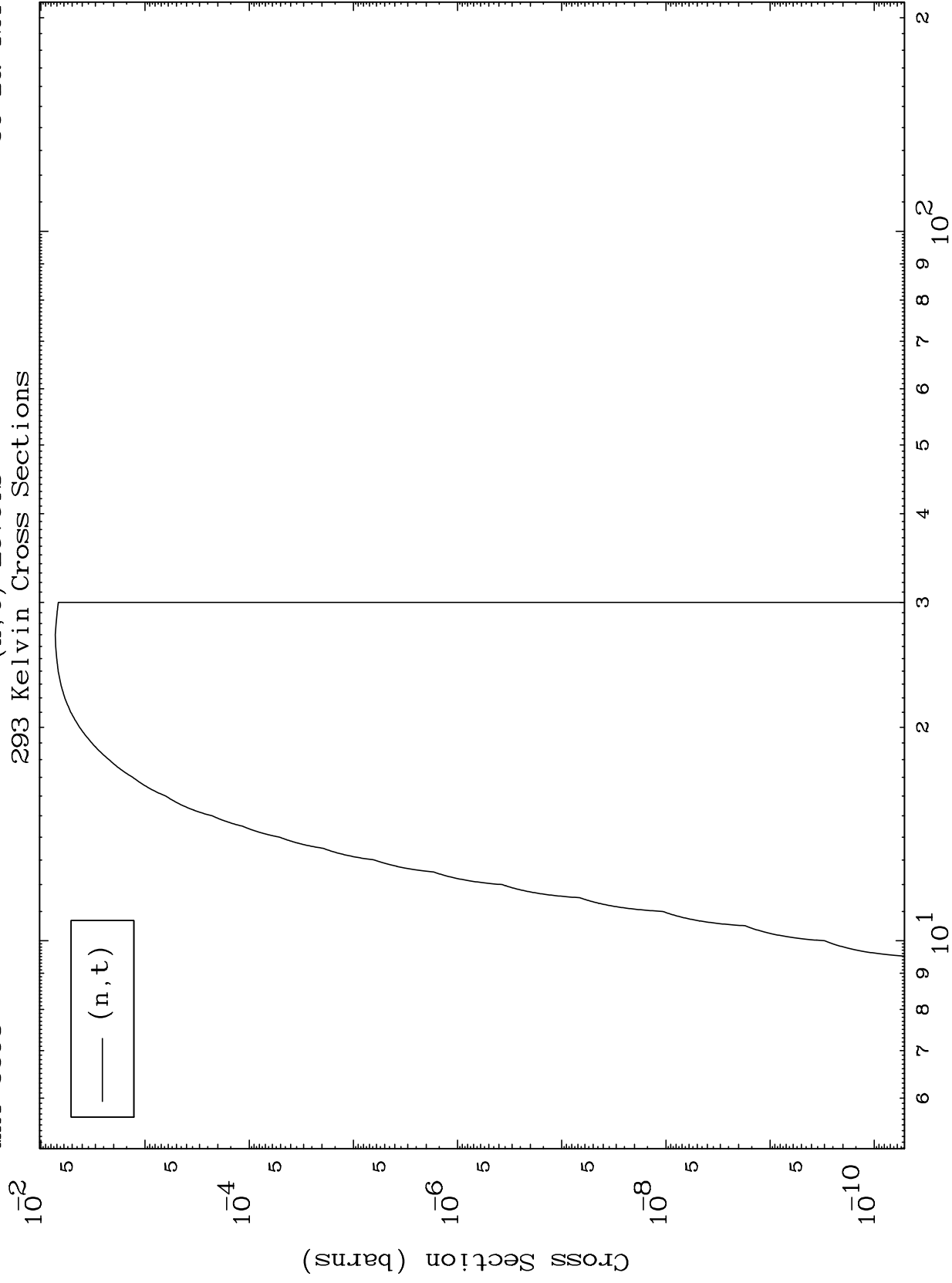
Incident Energy (MeV)

56-Ba-121

MAT 5598

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-121



12

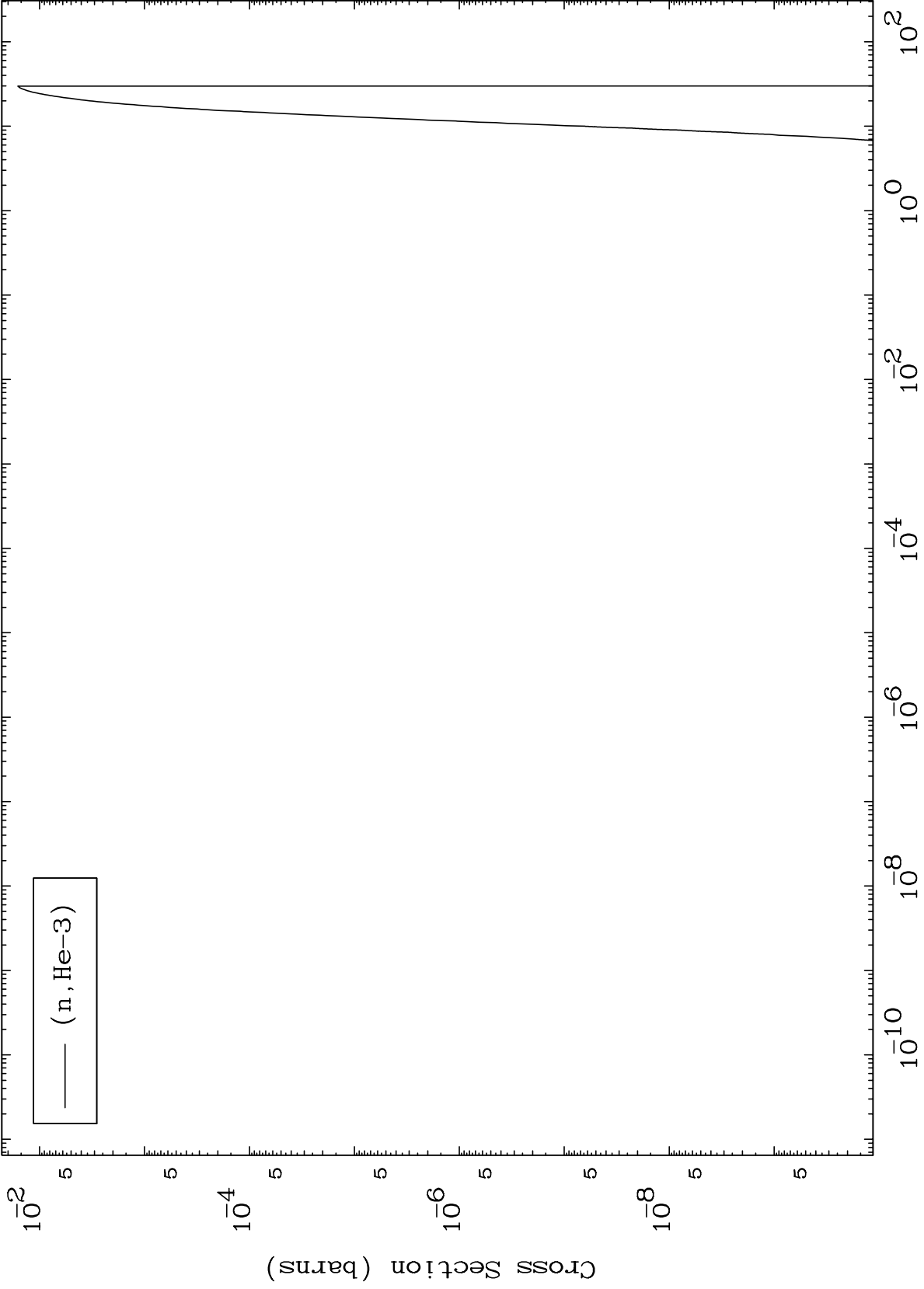
Incident Energy (MeV)

56-Ba-121

MAT 5598

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-121



13

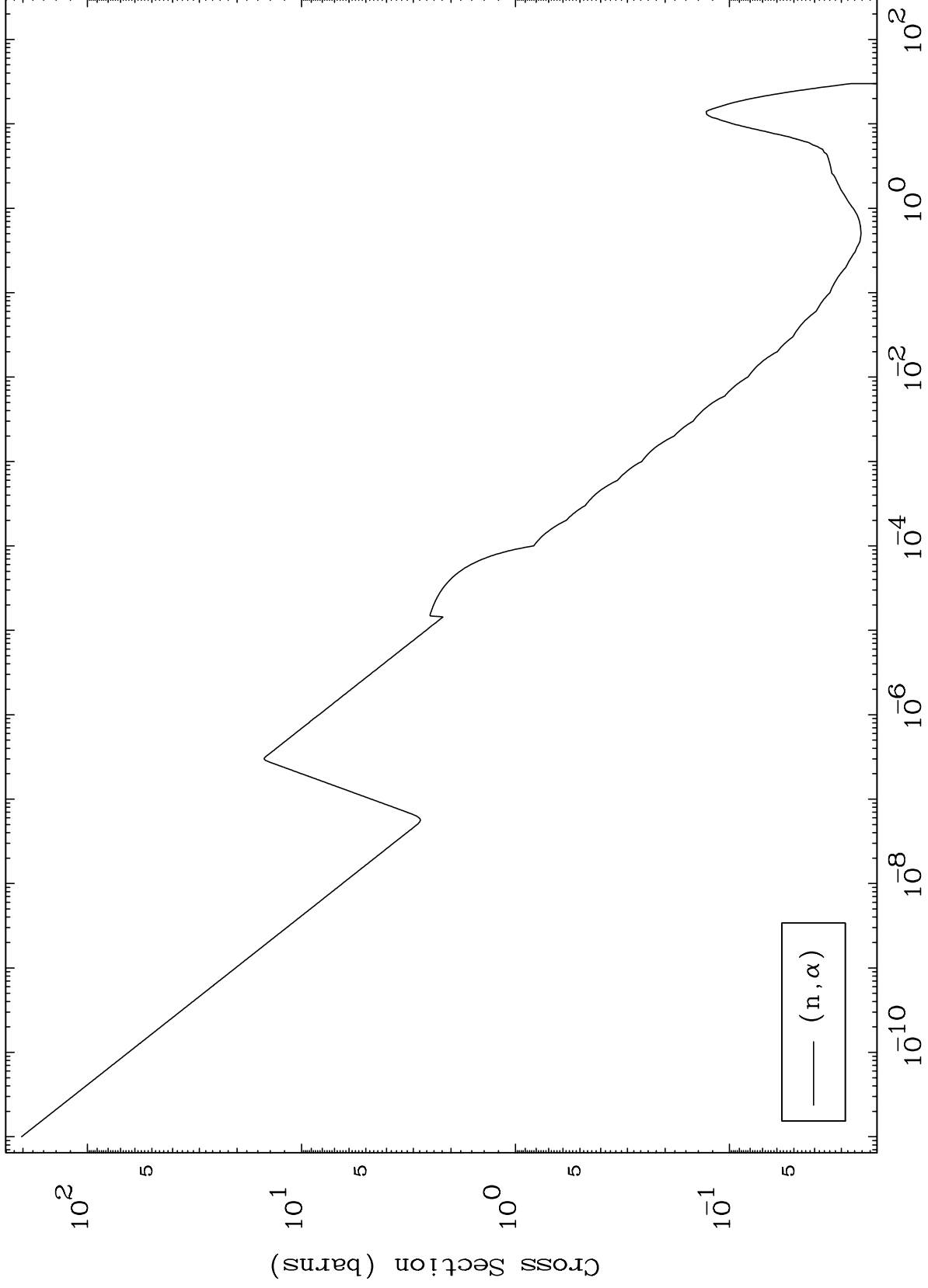
Incident Energy (MeV)

56-Ba-121

MAT 5598

(n,α) Levels
293 Kelvin Cross Sections

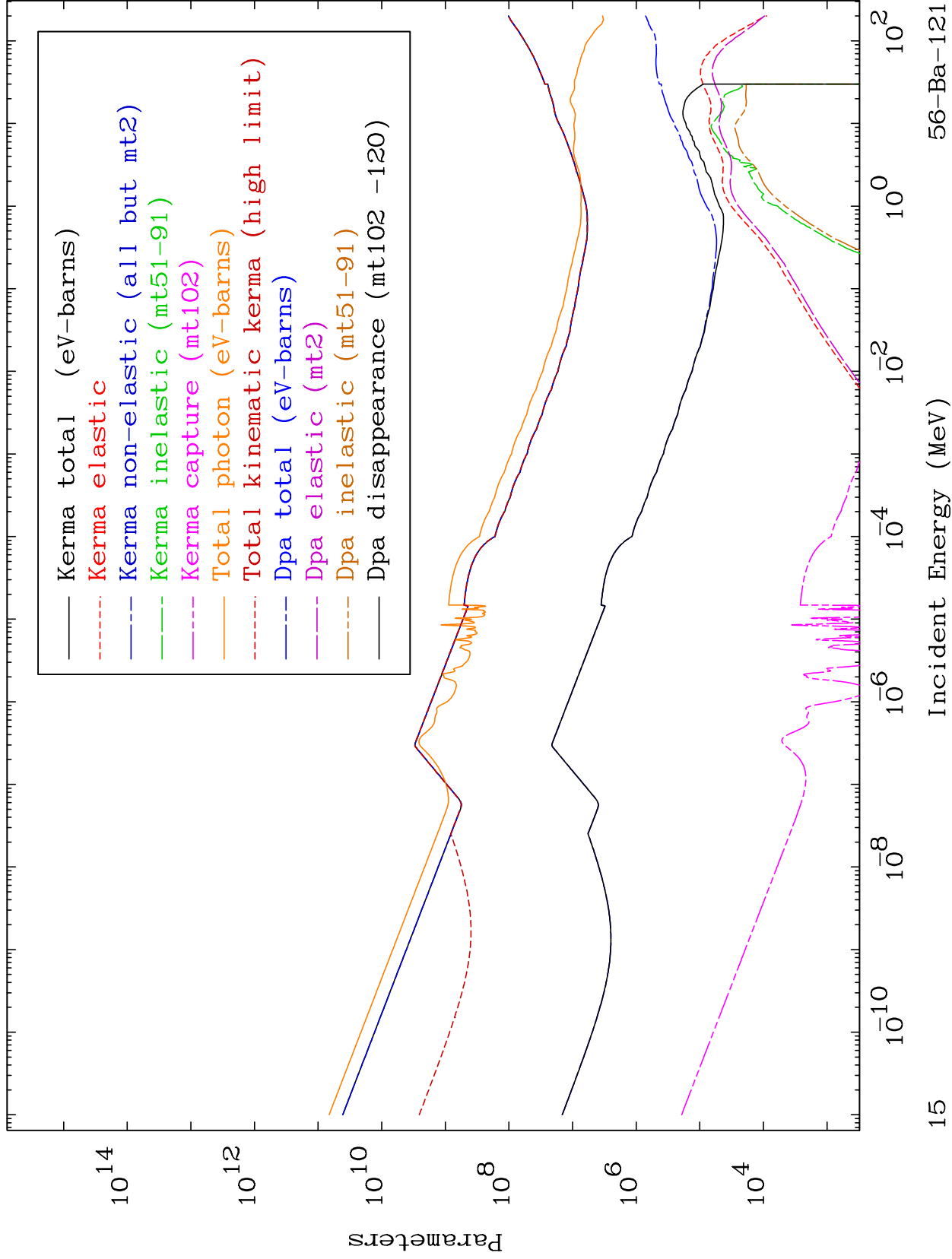
56-Ba-121



14

Incident Energy (MeV)

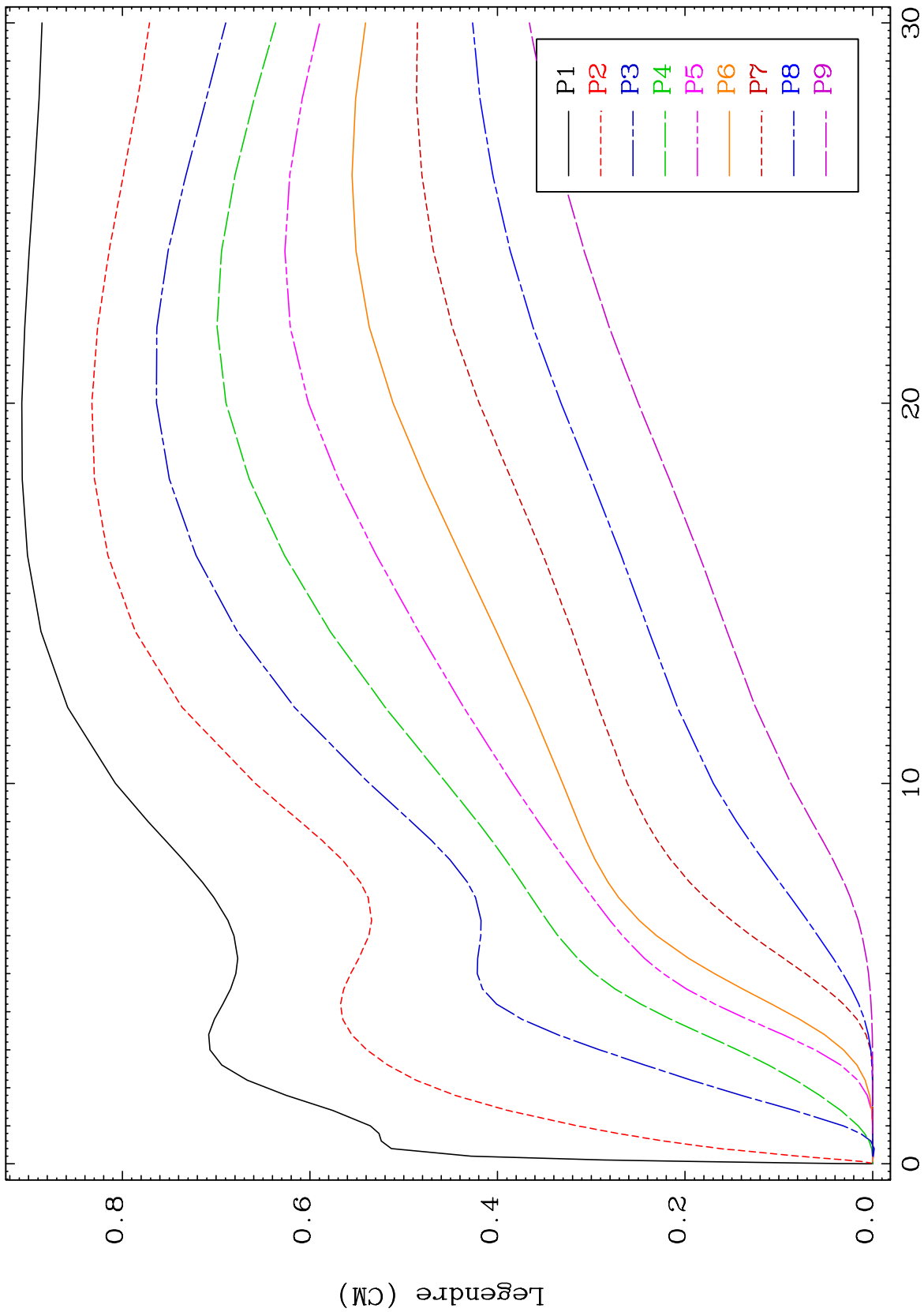
56-Ba-121



MAT 5598

Elastic Legendre Coefficients

56-Ba-121



16

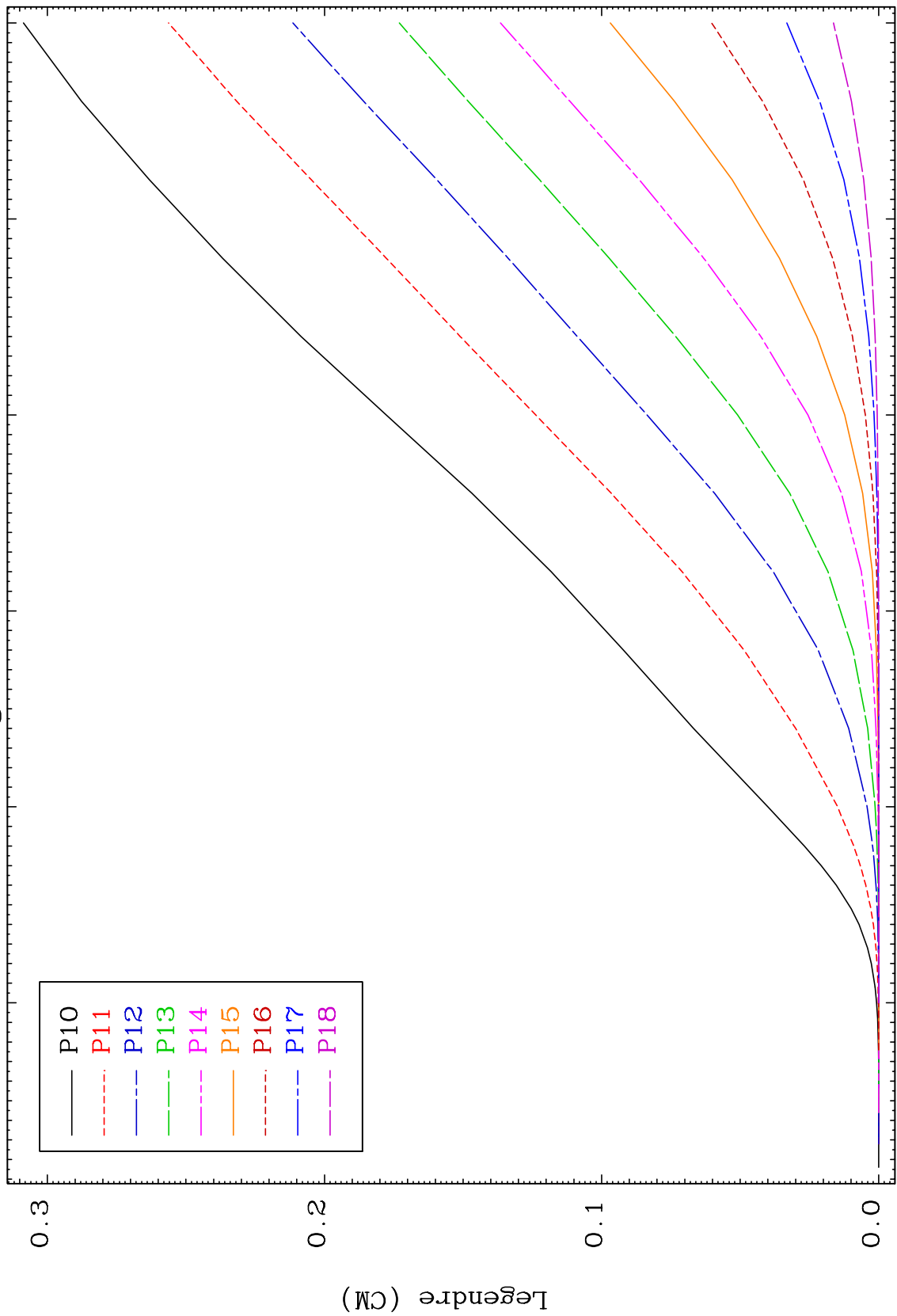
Incident Energy (MeV)

56-Ba-121

MAT 5598

Elastic Legendre Coefficients

56-Ba-121



17

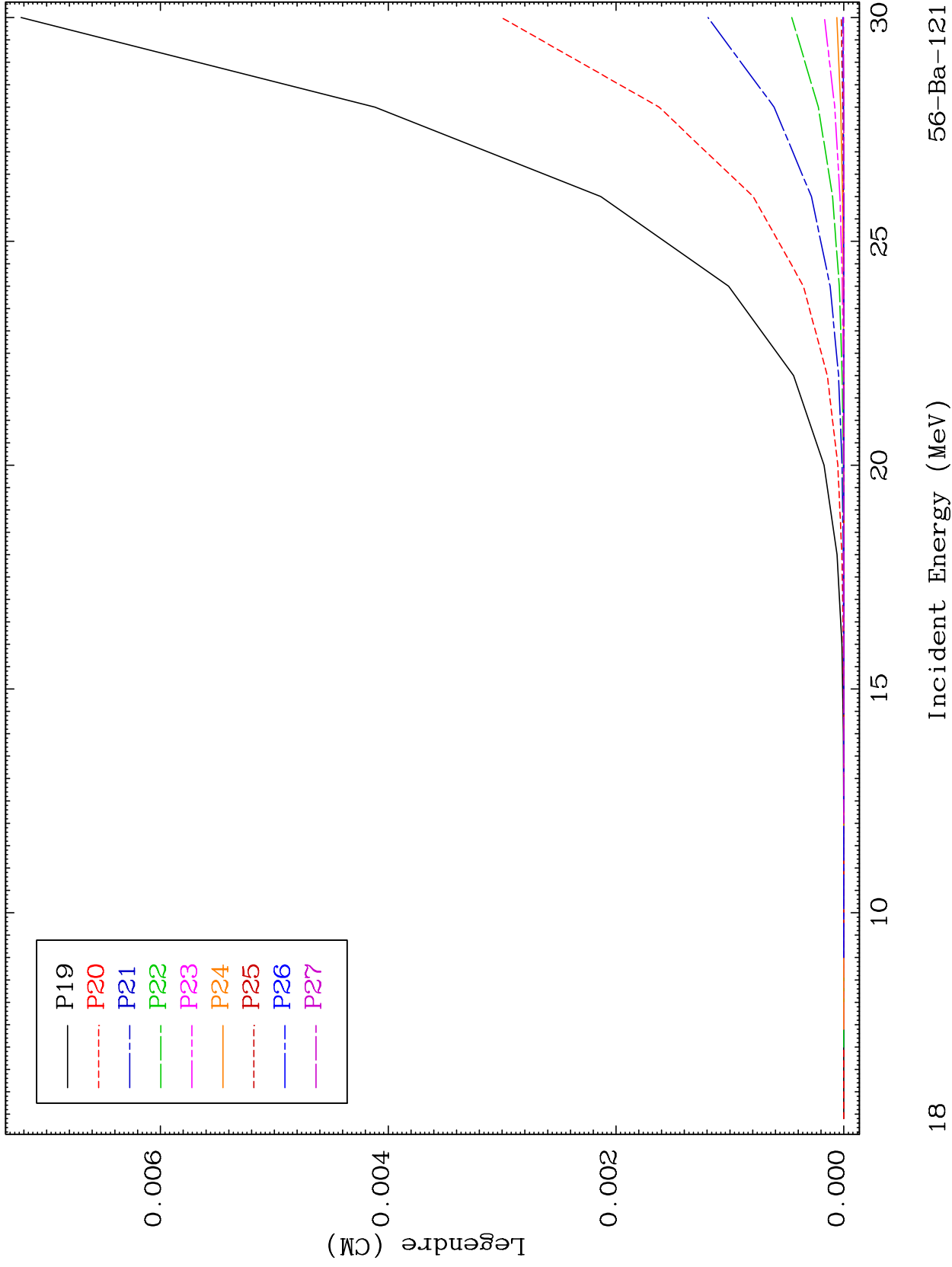
Incident Energy (MeV)

56-Ba-121

MAT 5598

Elastic Legendre Coefficients

56-Ba-121



18

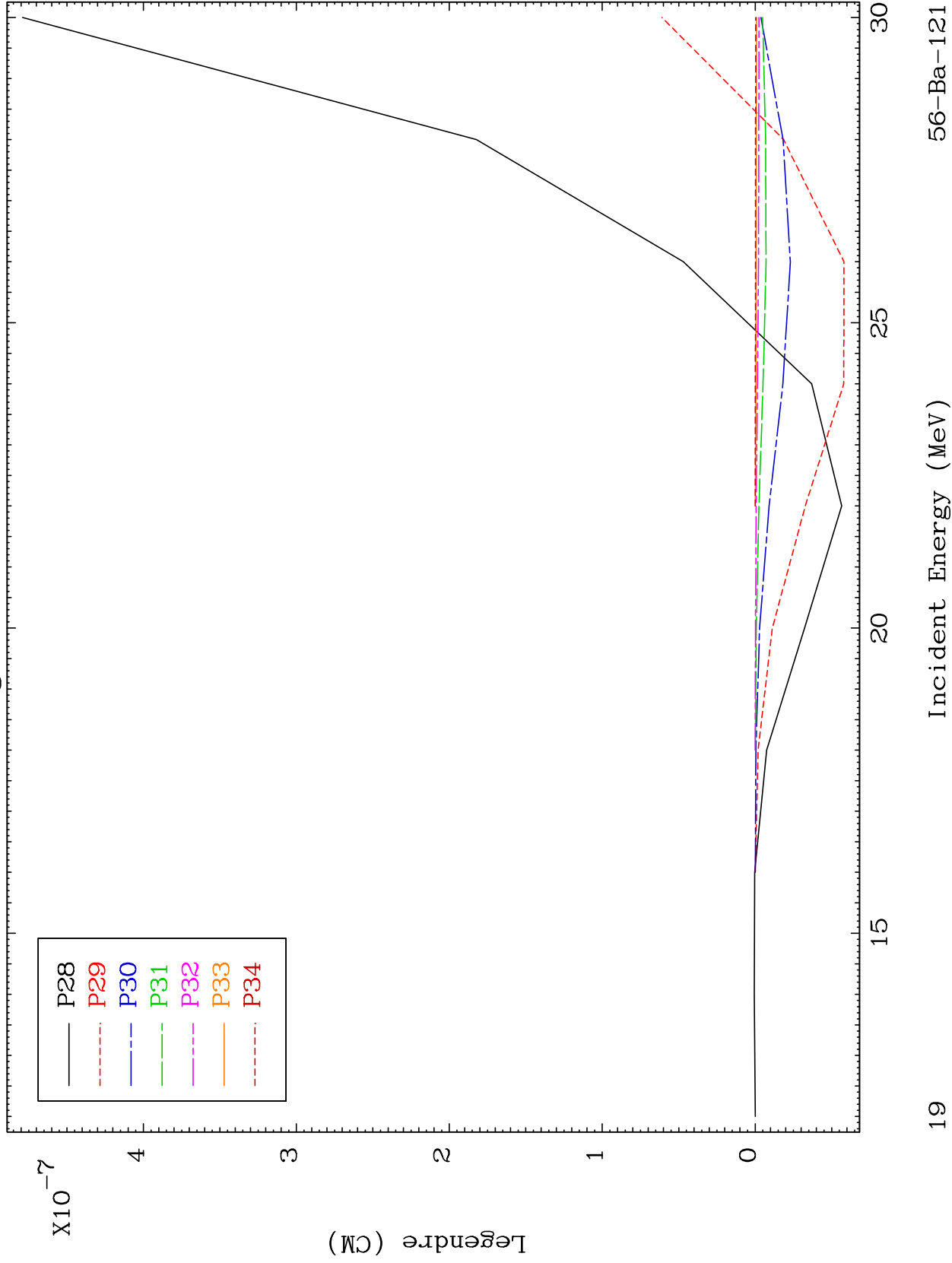
Incident Energy (MeV)

56-Ba-121

MAT 5598

Elastic
Legendre Coefficients

56-Ba-121



19

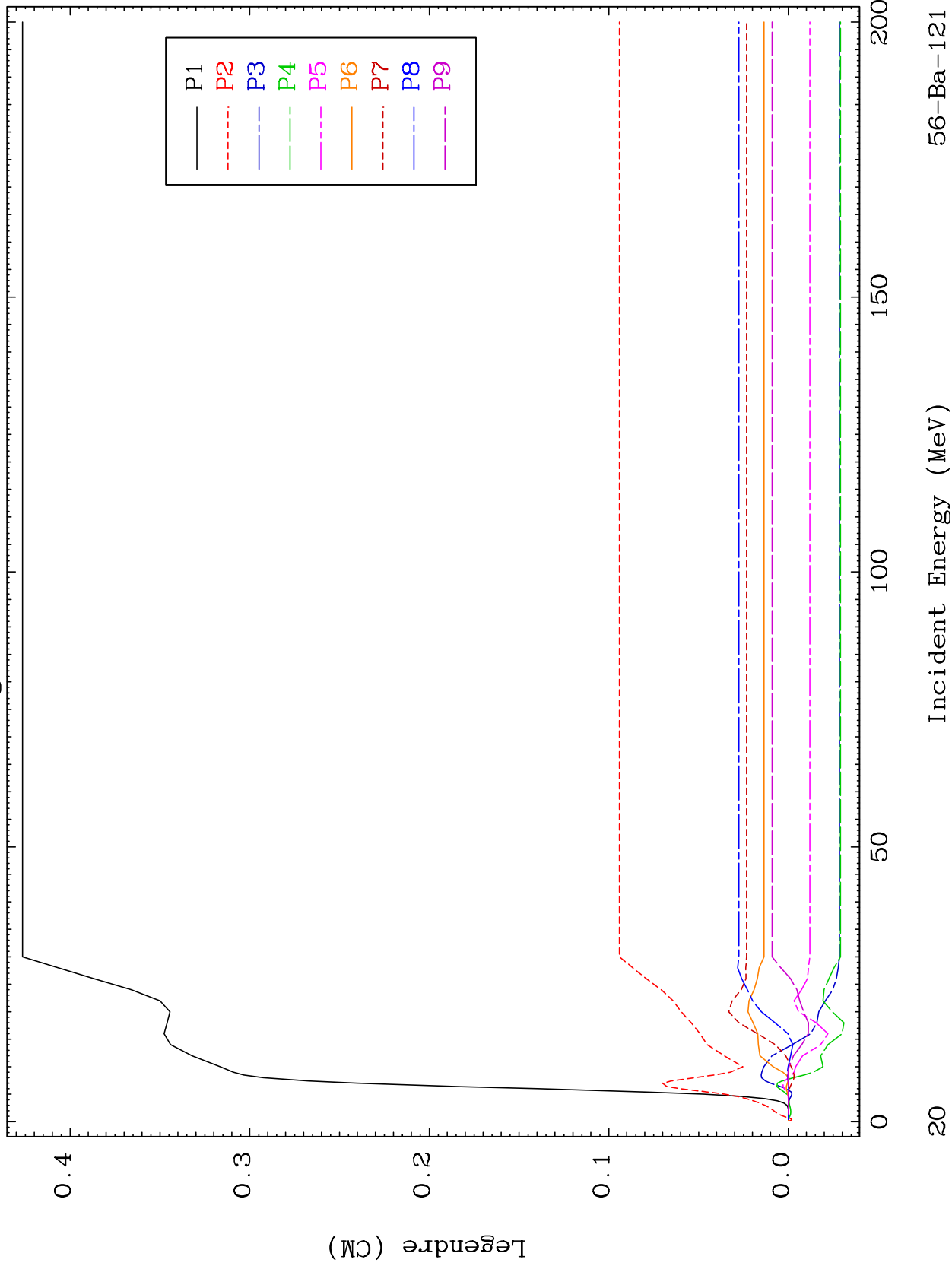
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



56-Ba-121

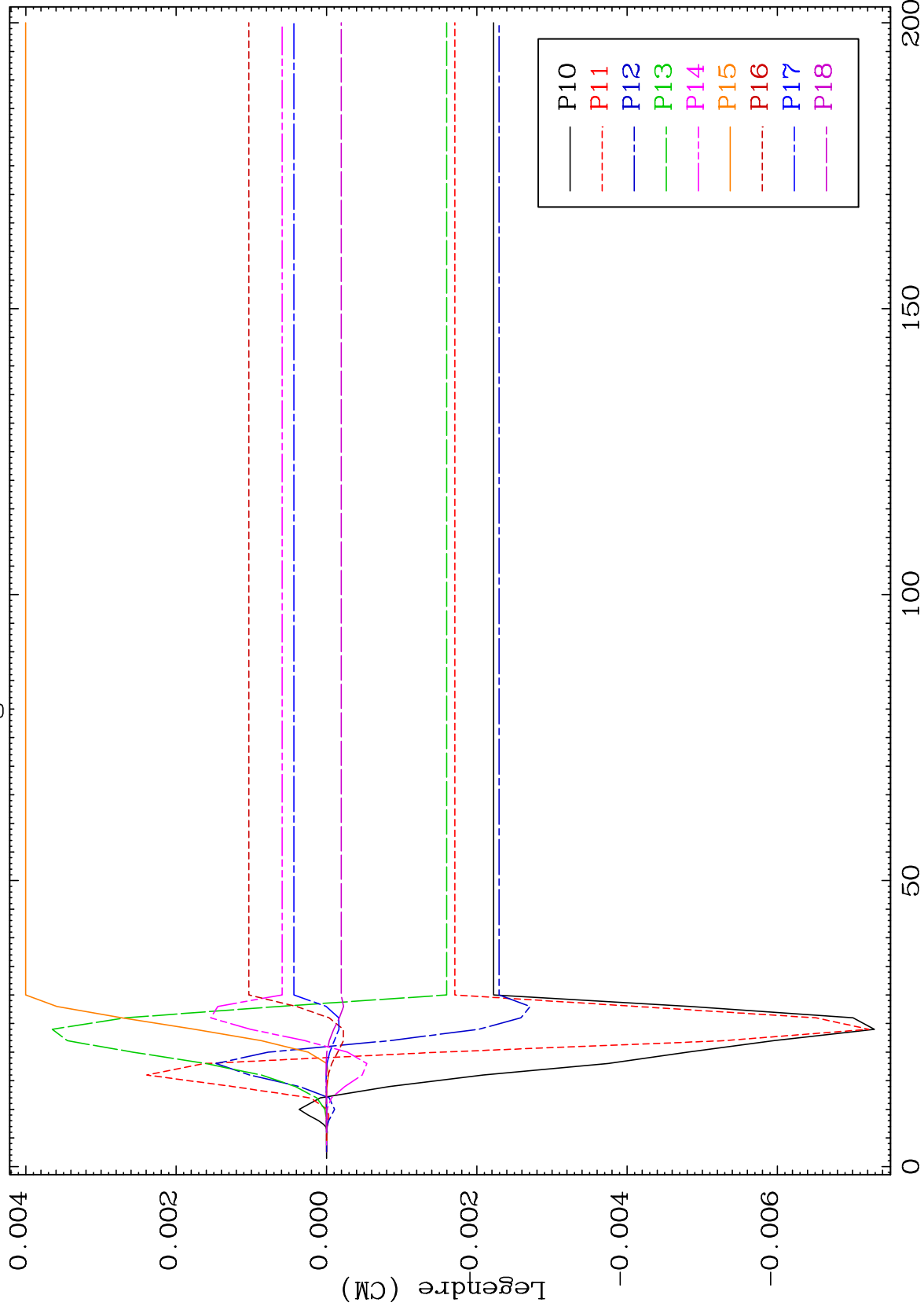
Incident Energy (MeV)

20

MAT 5598

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

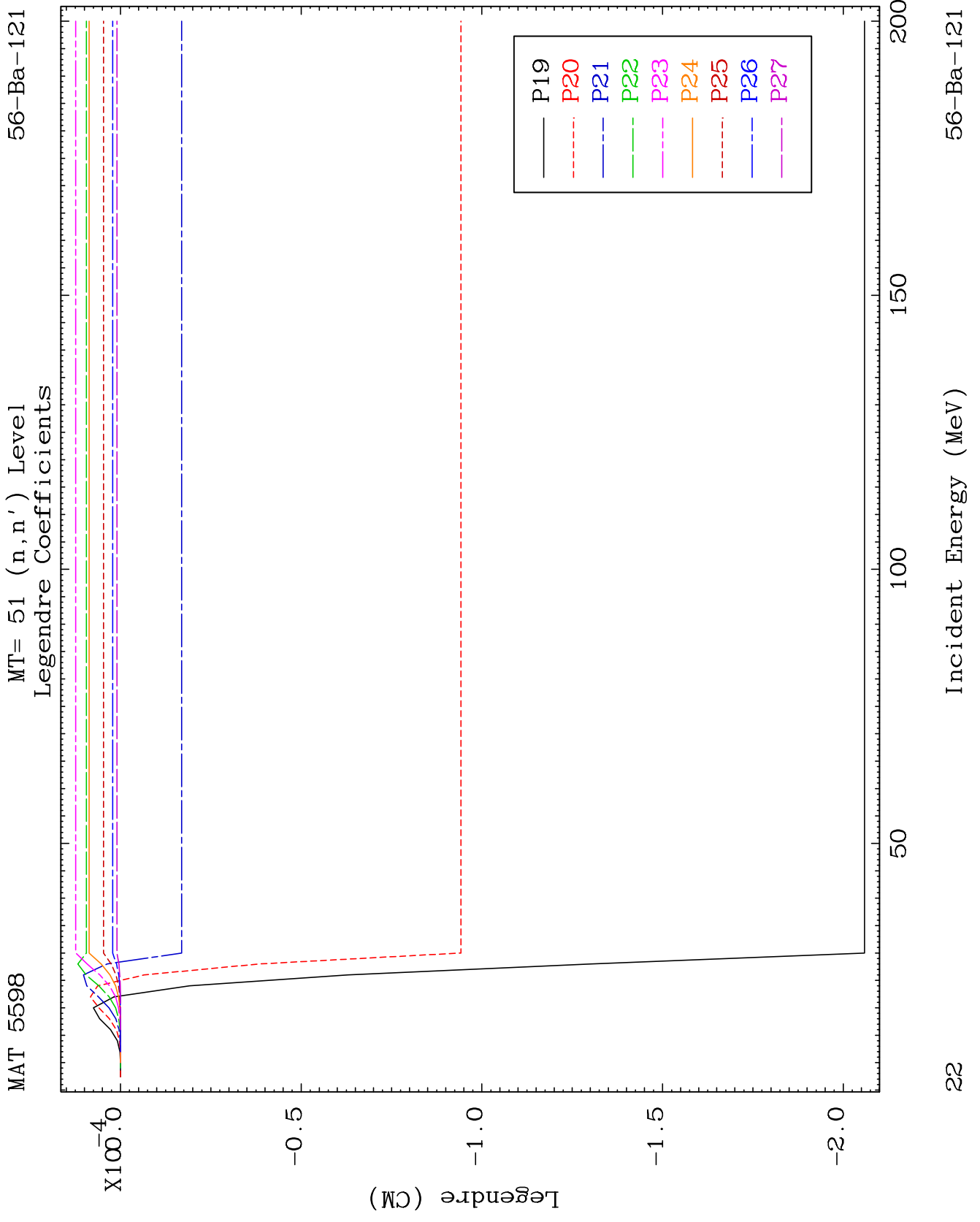
56-Ba-121



21

Incident Energy (MeV)

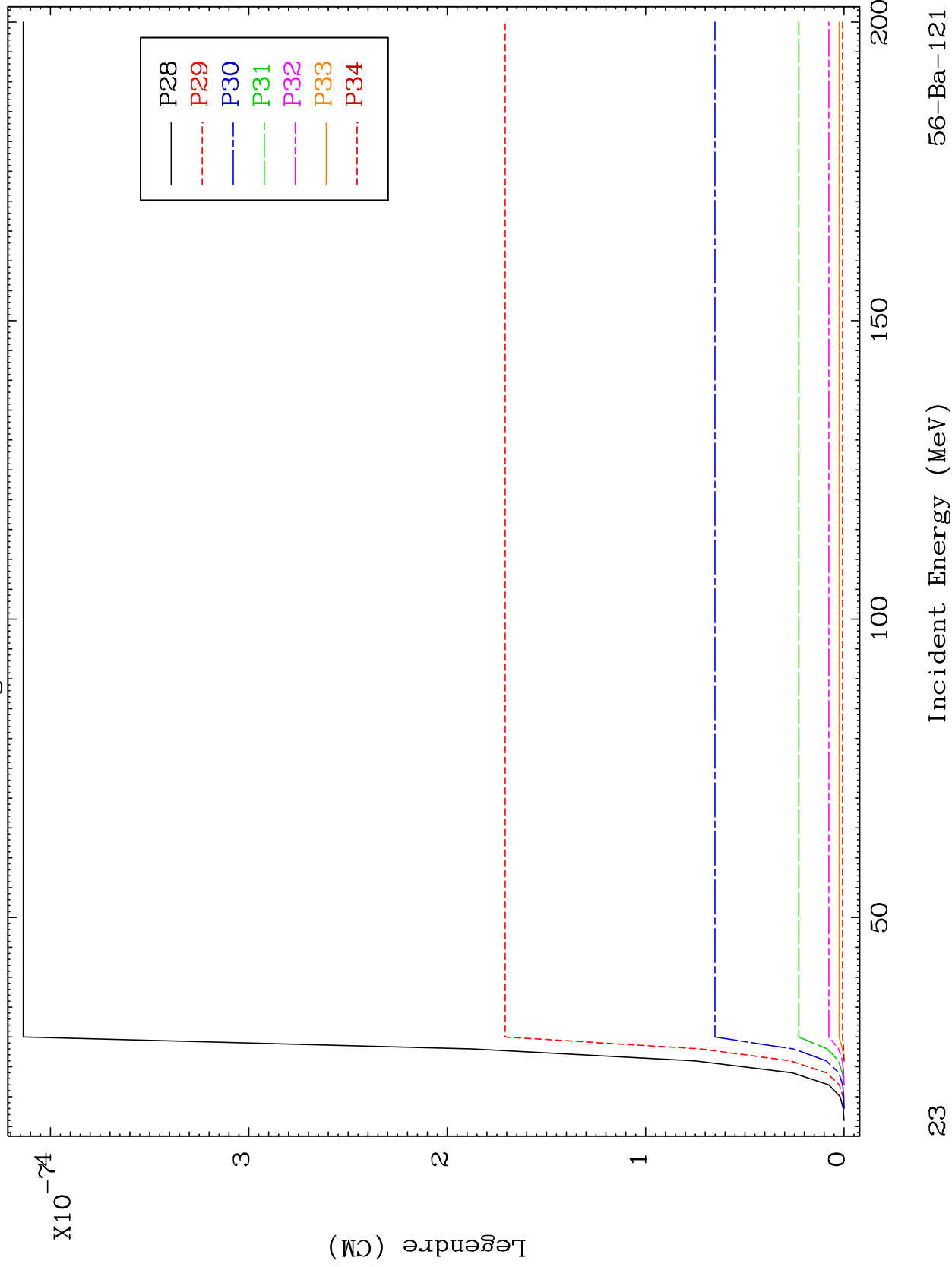
56-Ba-121



MAT 5598

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

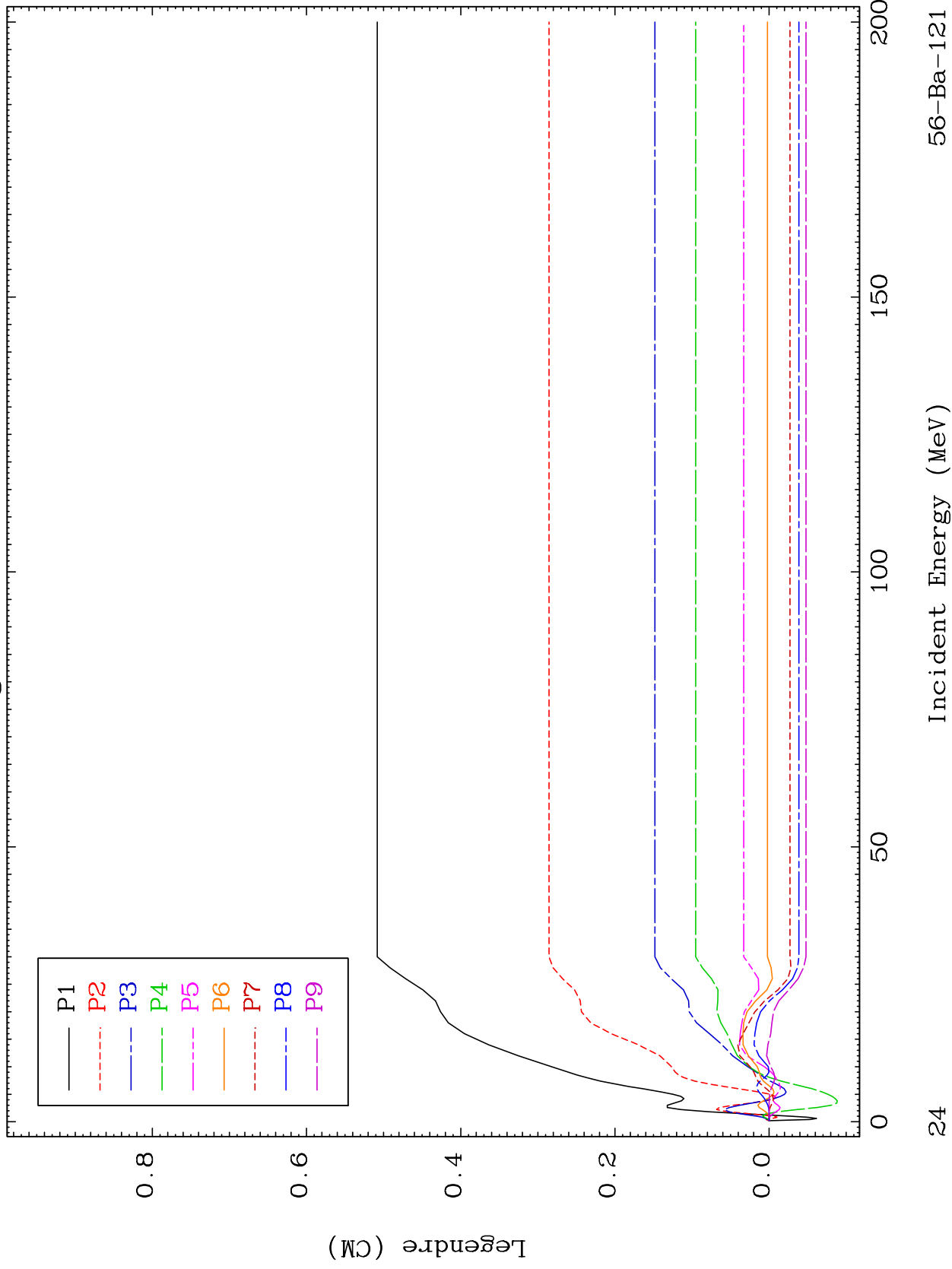
56-Ba-121



MAT 5598

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

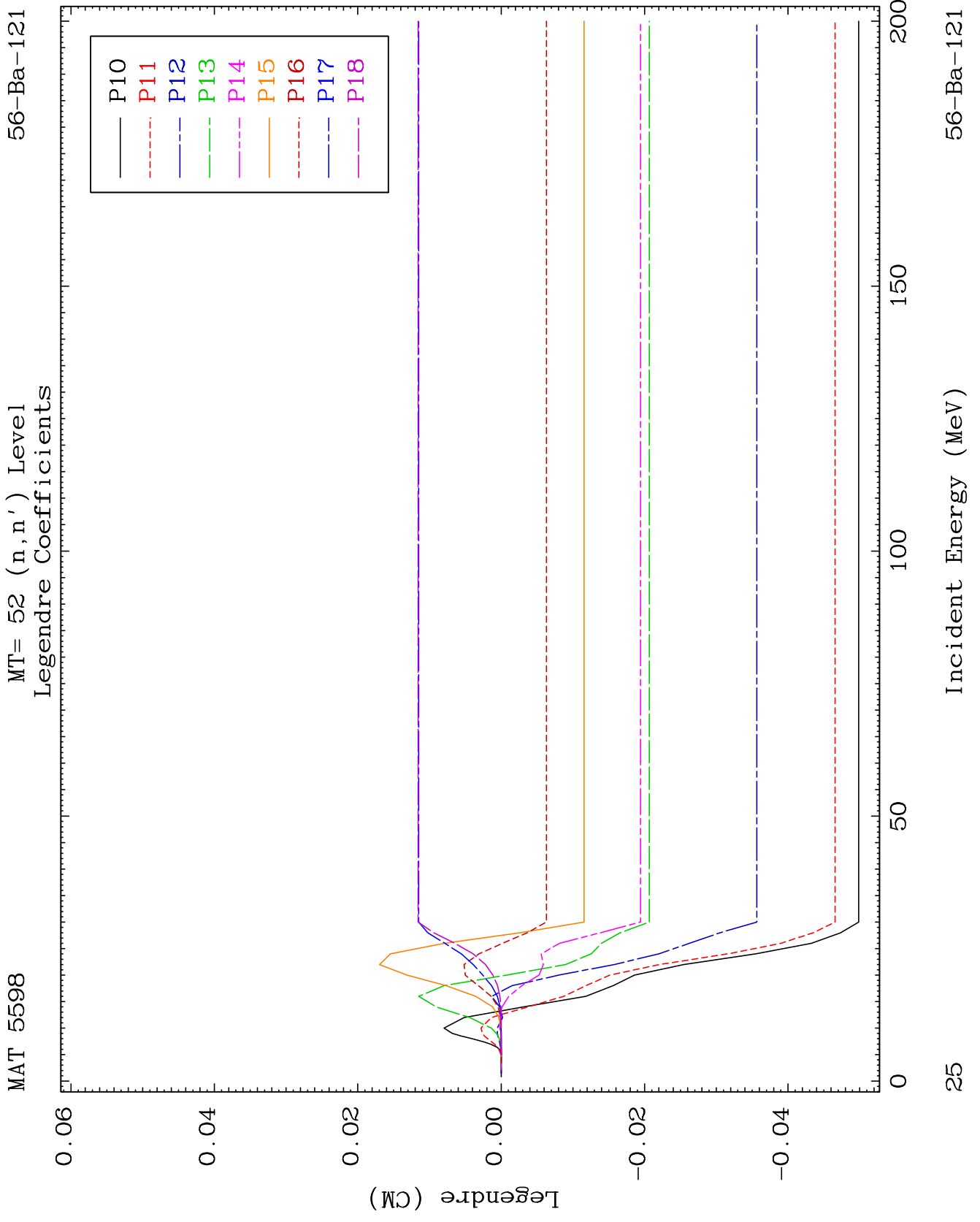
56-Ba-121



56-Ba-121

Incident Energy (MeV)

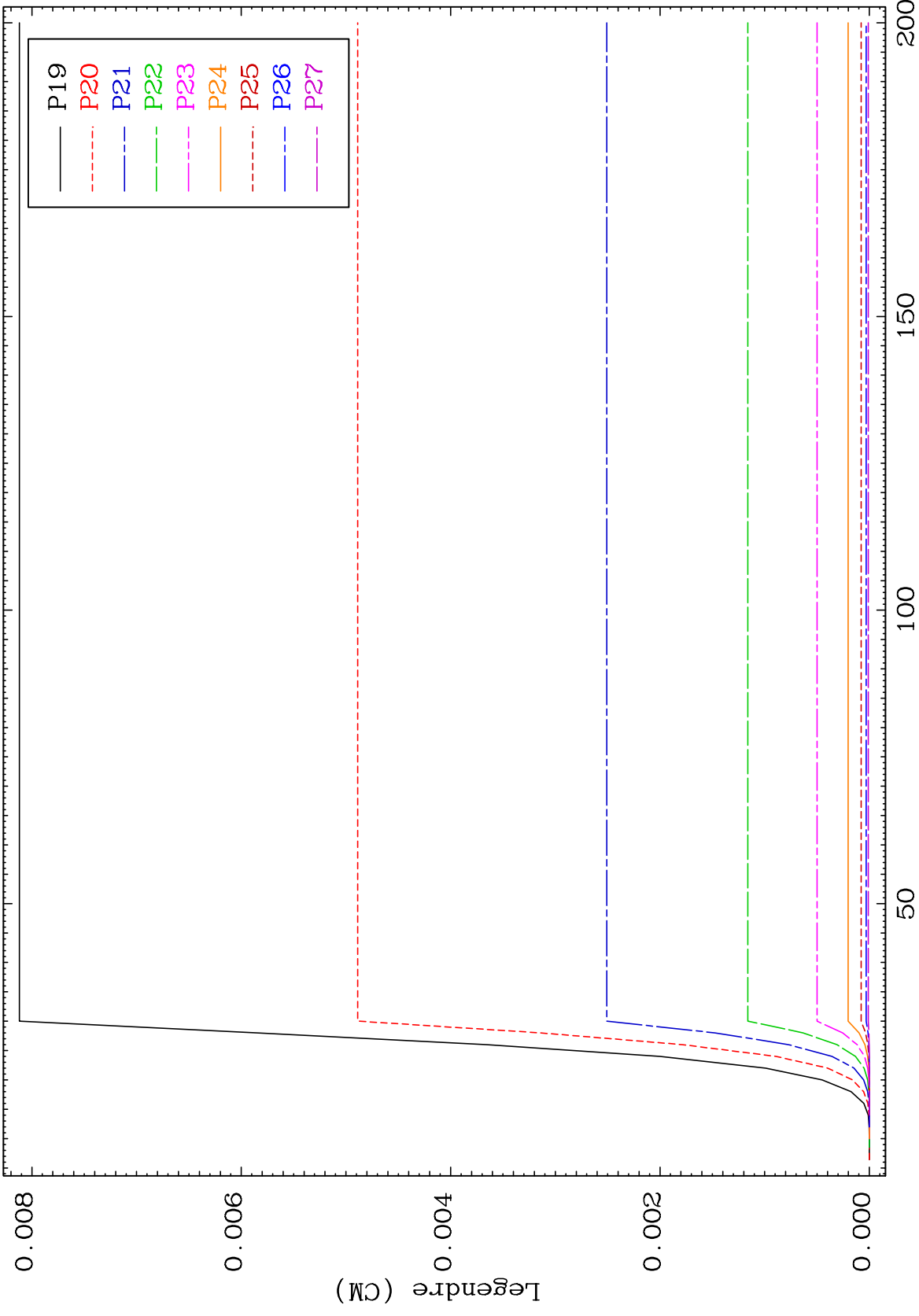
24



MAT 5598

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

56-Ba-121



26

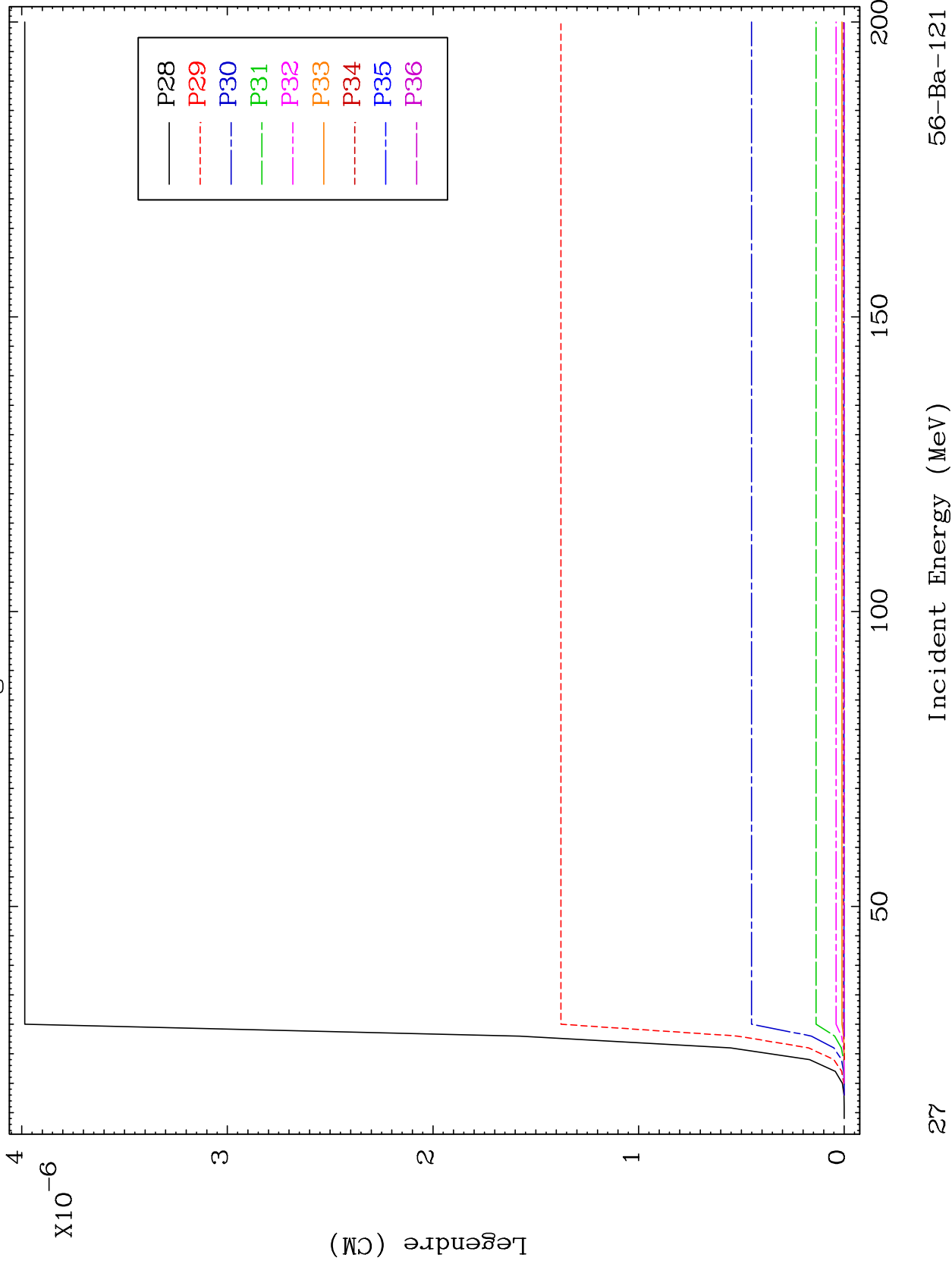
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

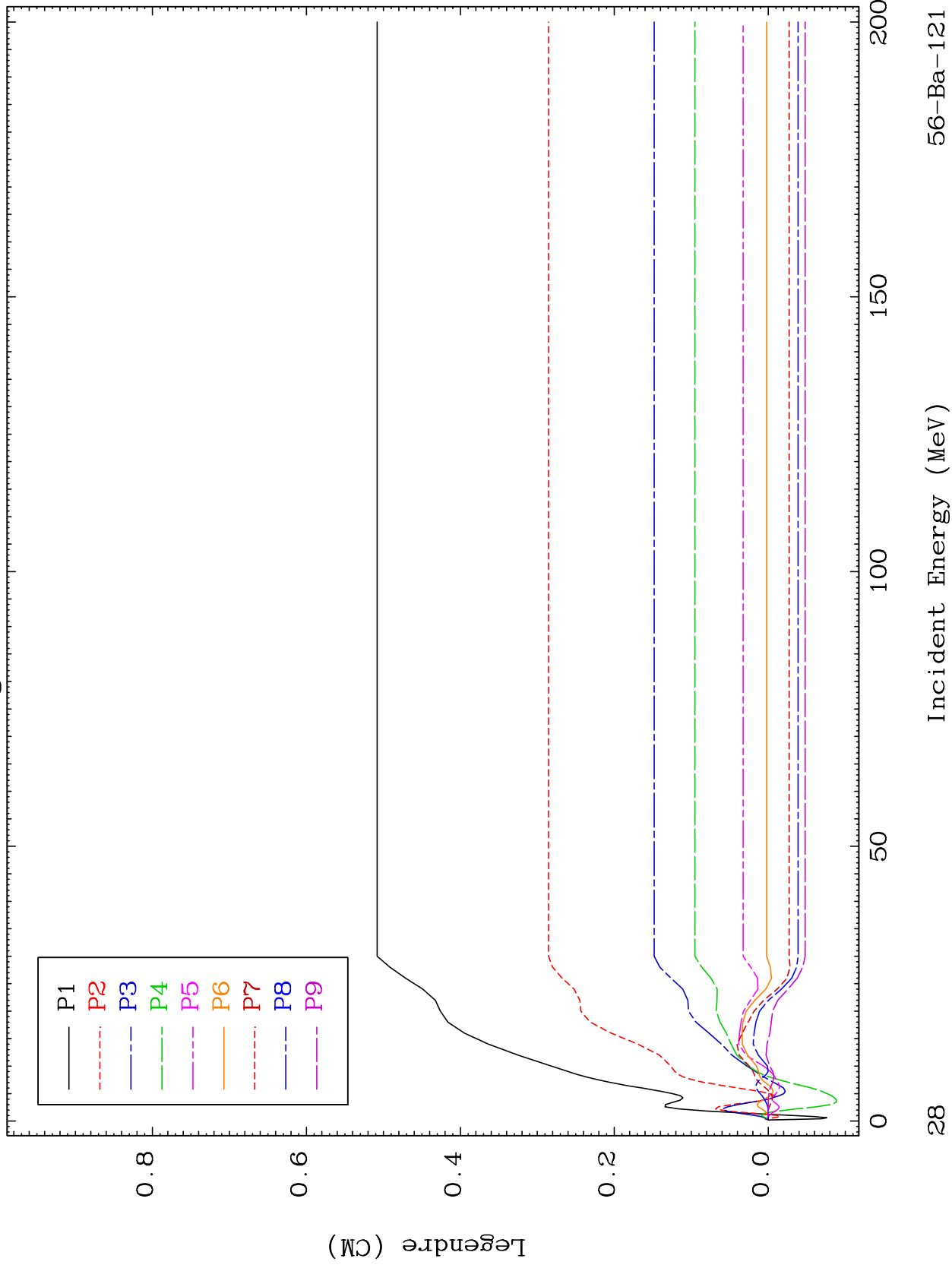
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

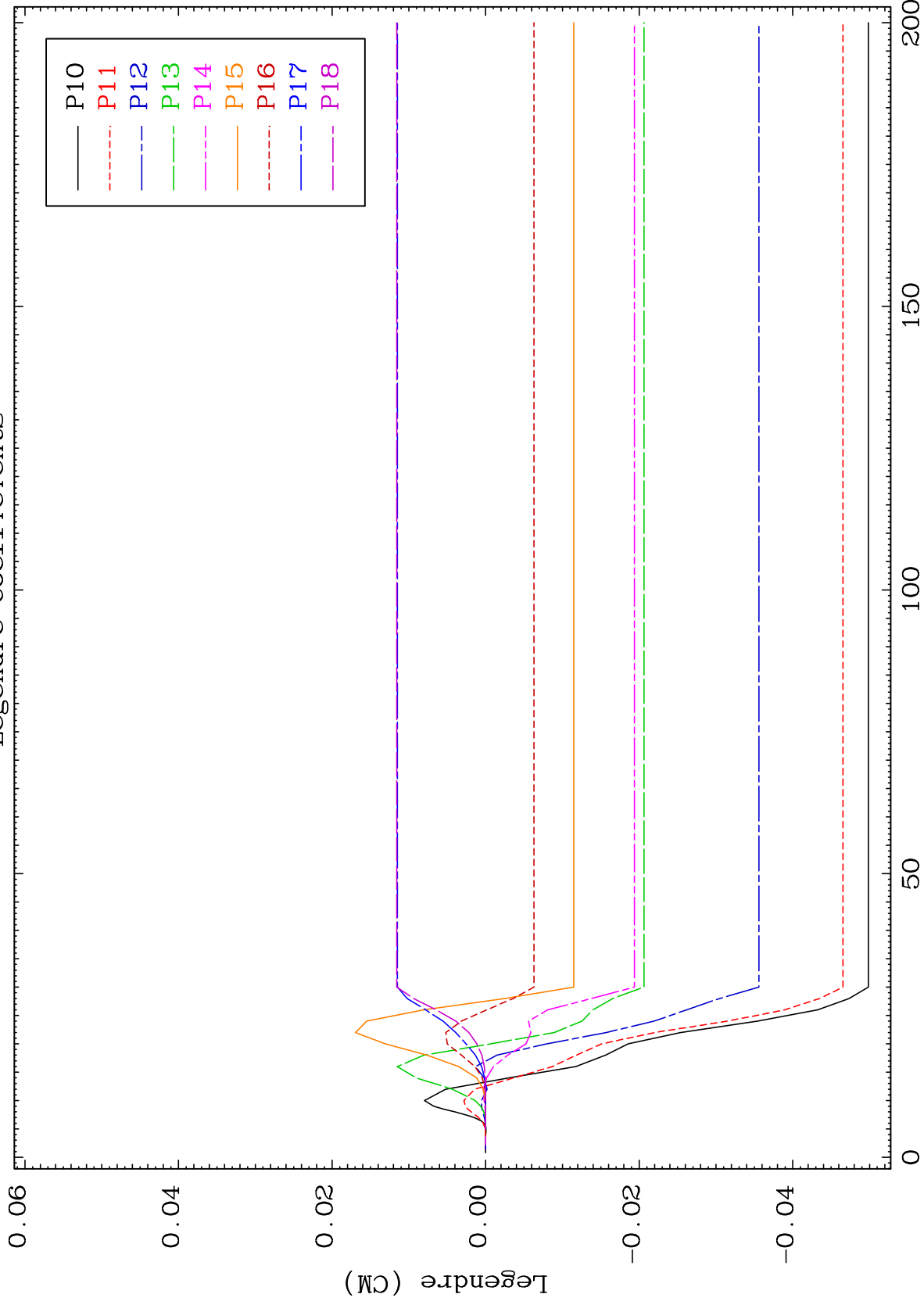
Incident Energy (MeV)

28

MAT 5598

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

56-Ba-121



29

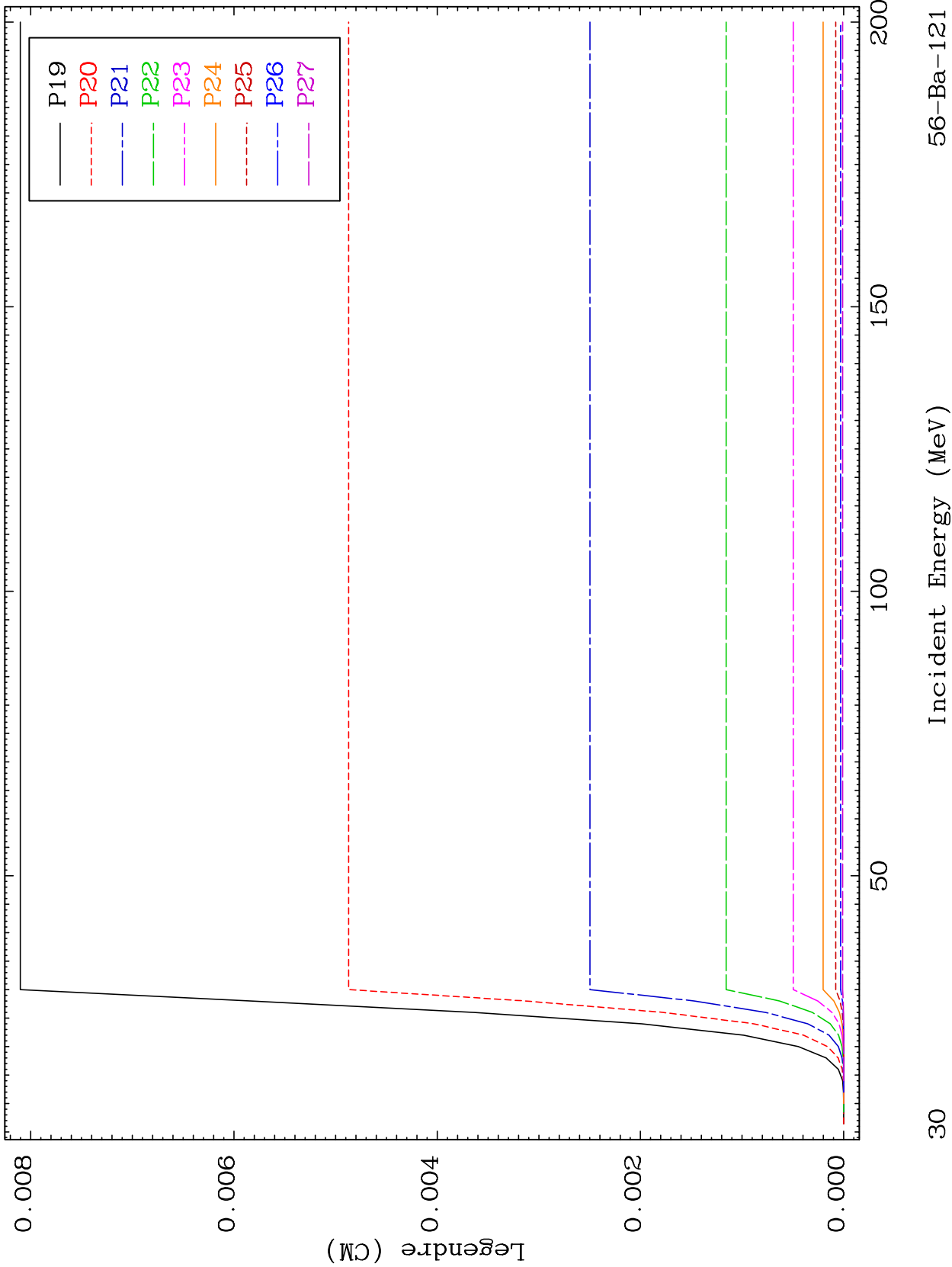
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



30

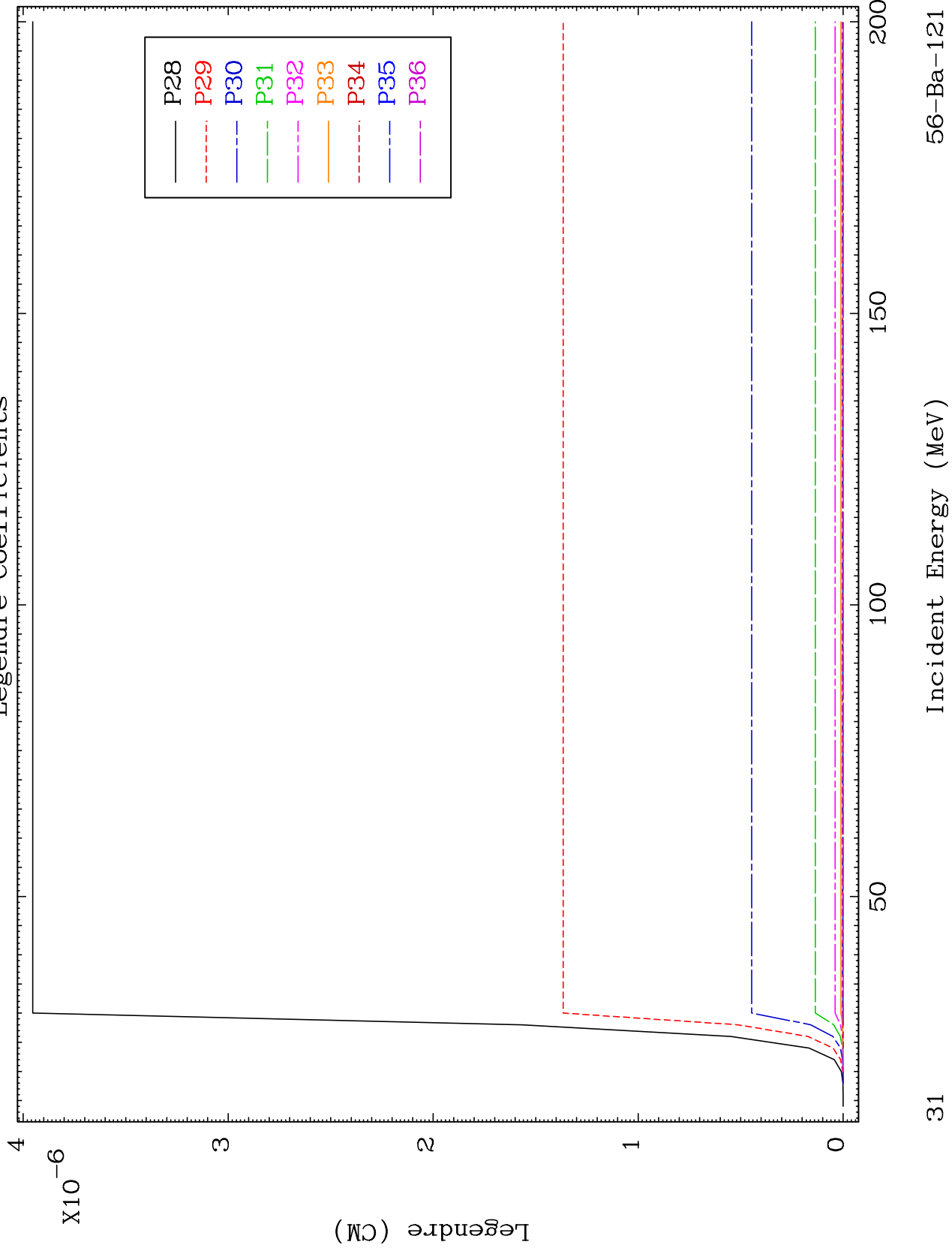
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

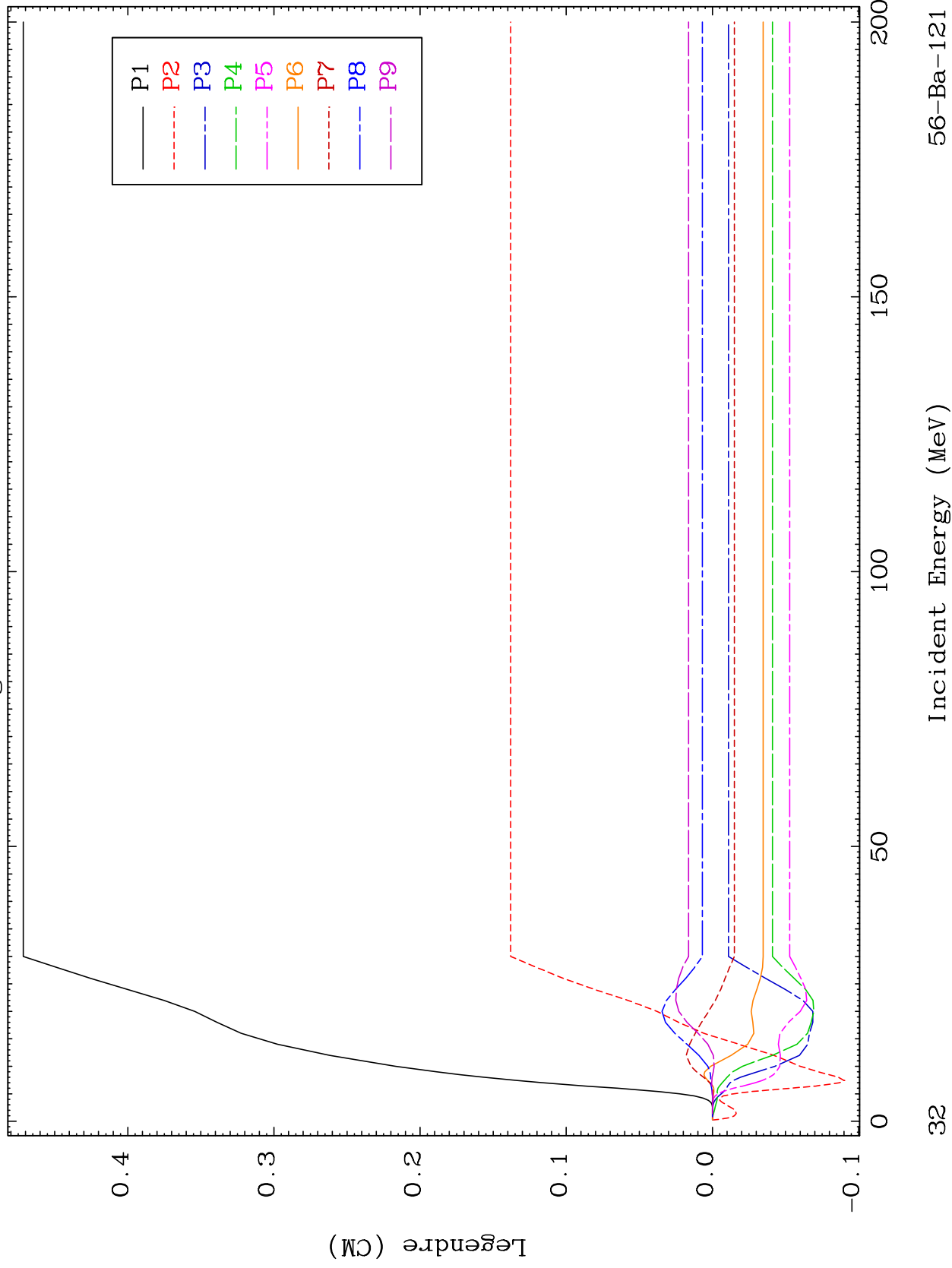
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

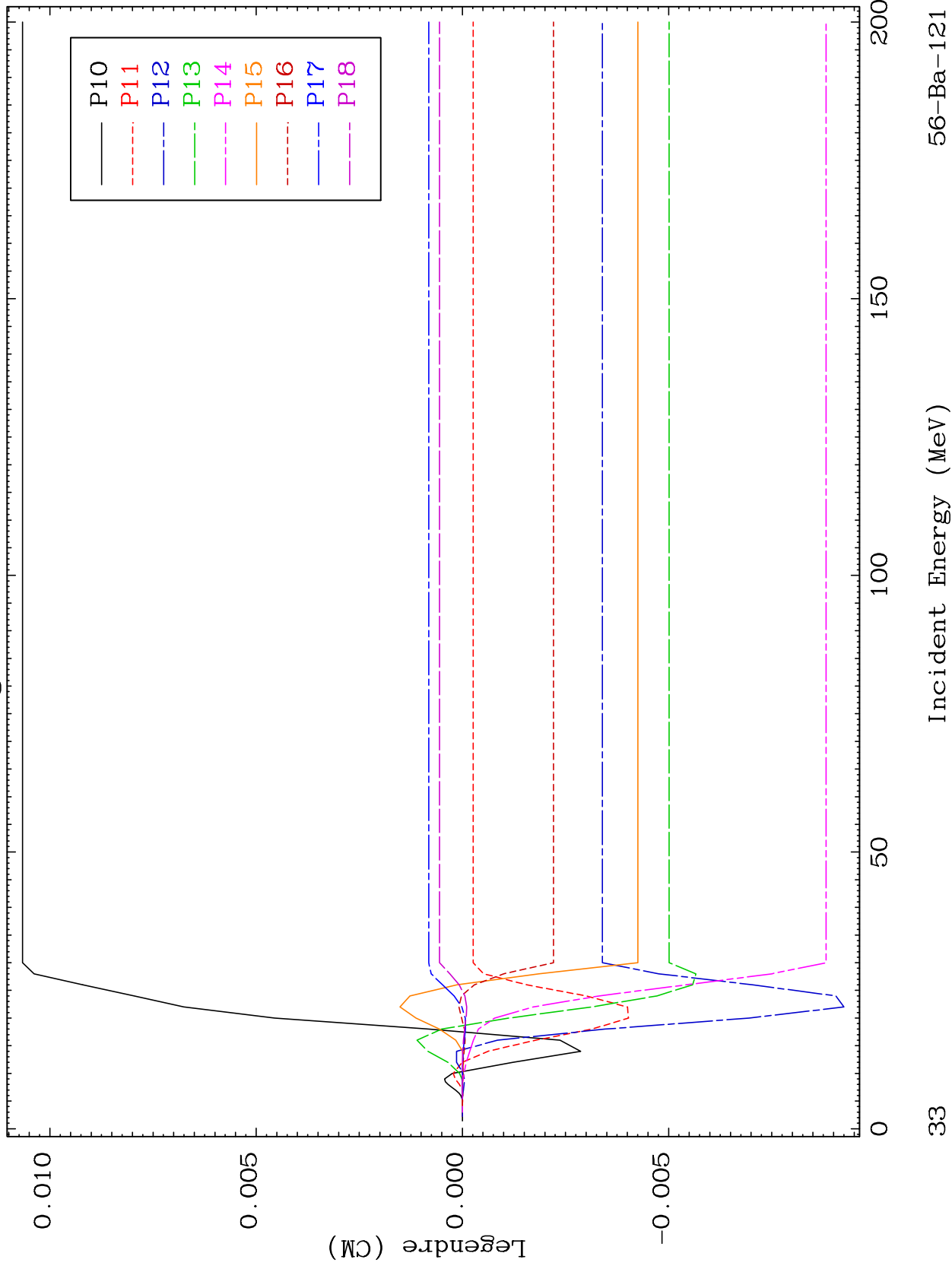
Incident Energy (MeV)

32

MAT 5598

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

56-Ba-121



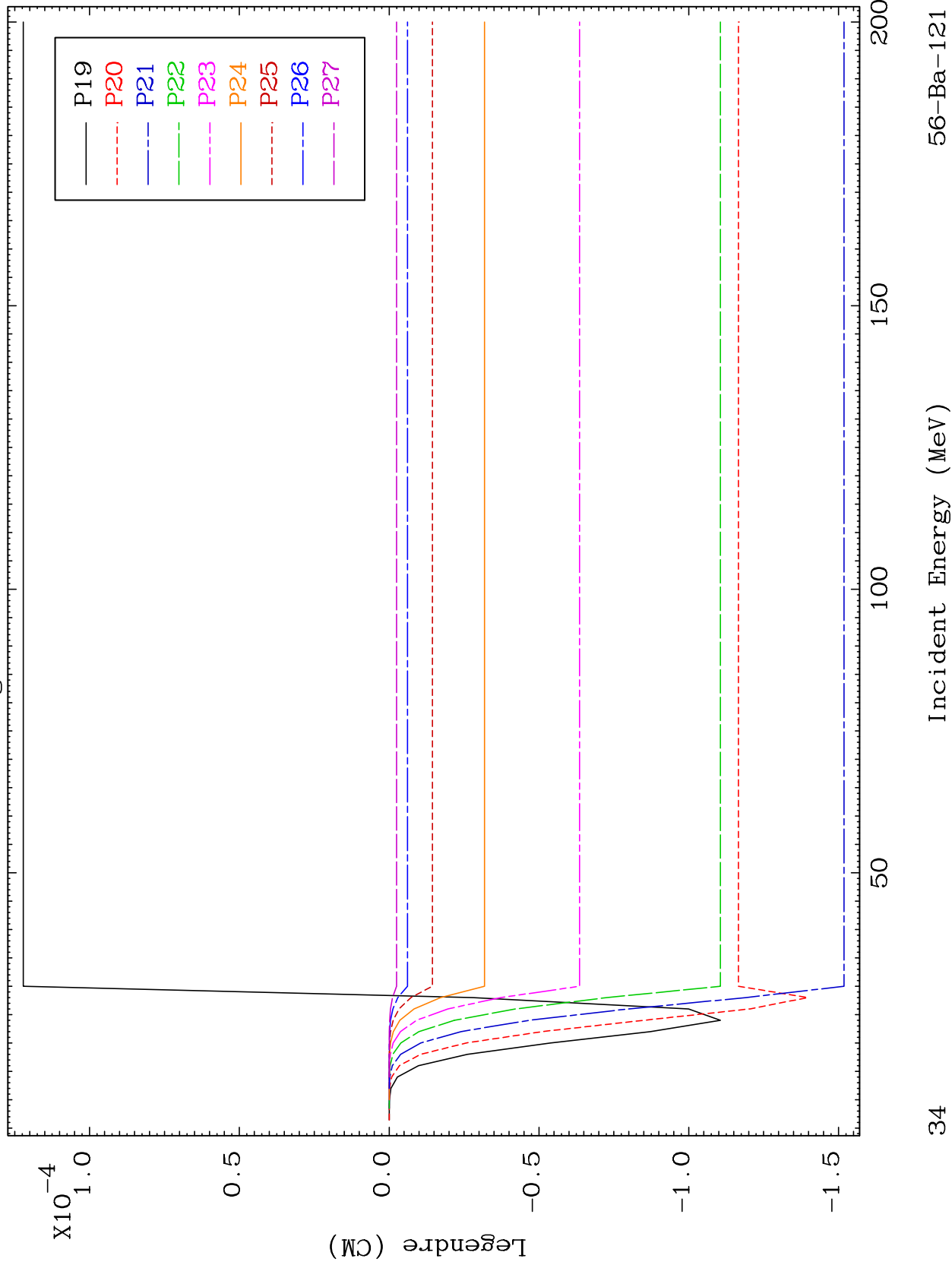
33

56-Ba-121

MAT 5598

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

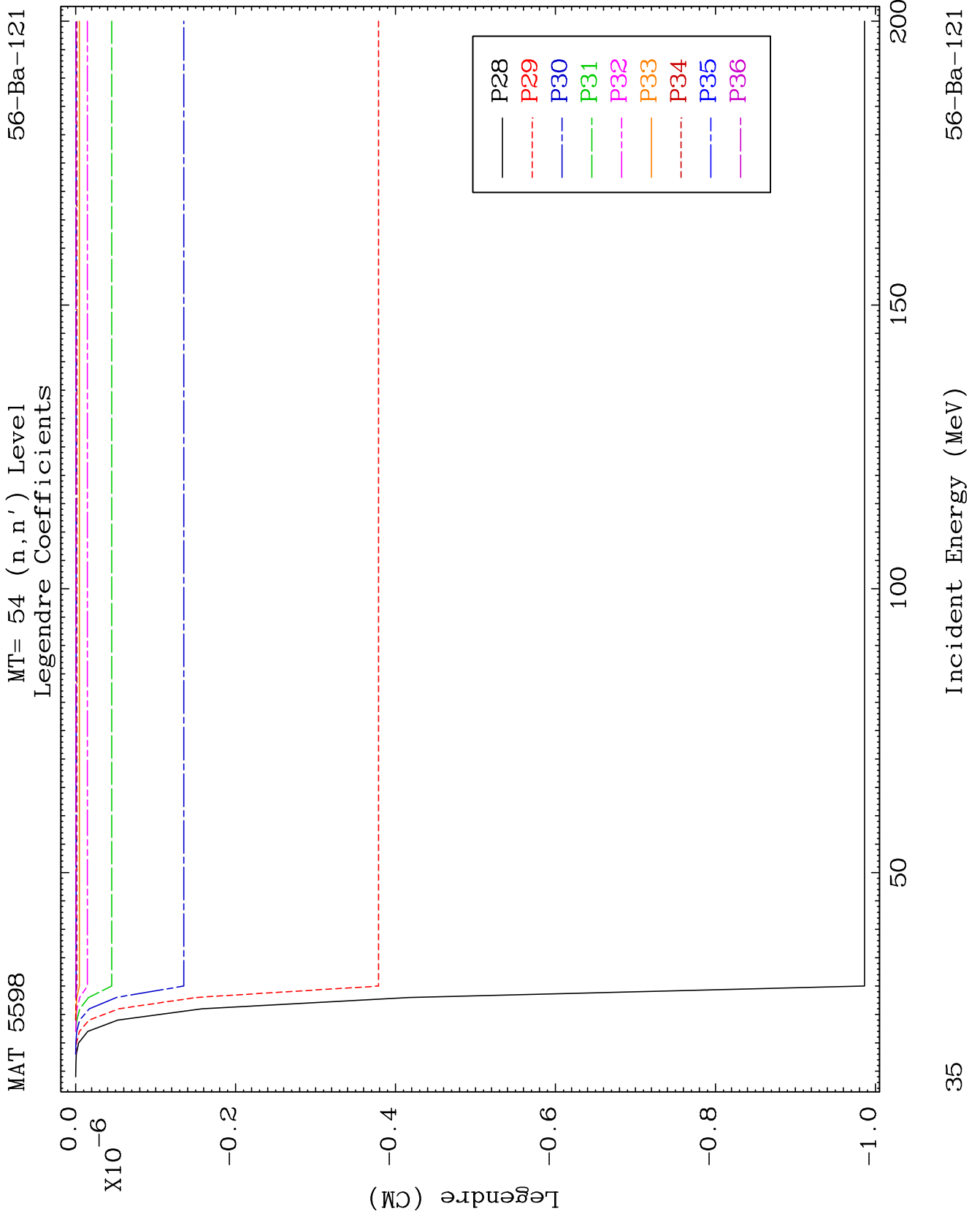
56-Ba-121



34

Incident Energy (MeV)

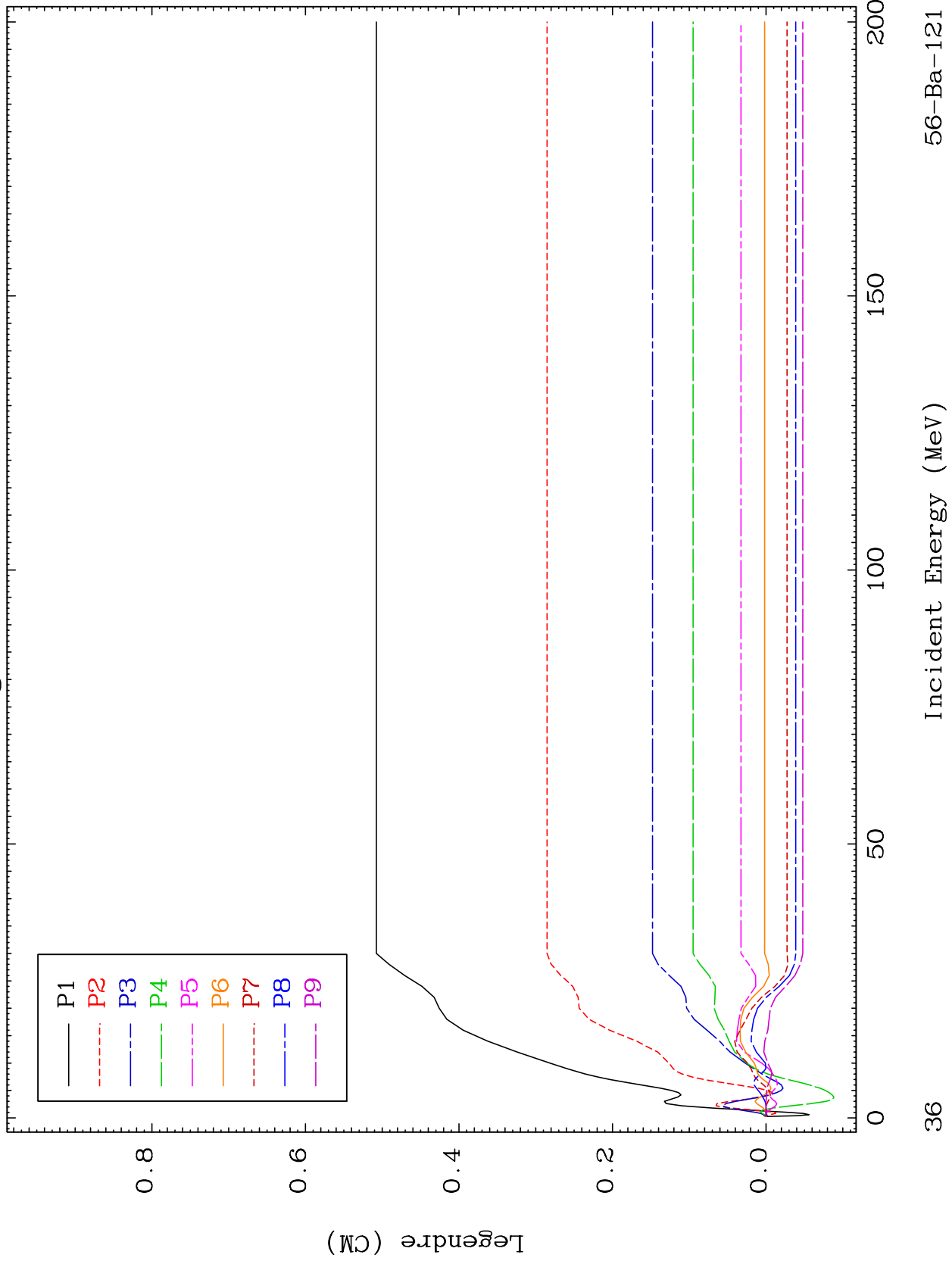
56-Ba-121



MAT 5598

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

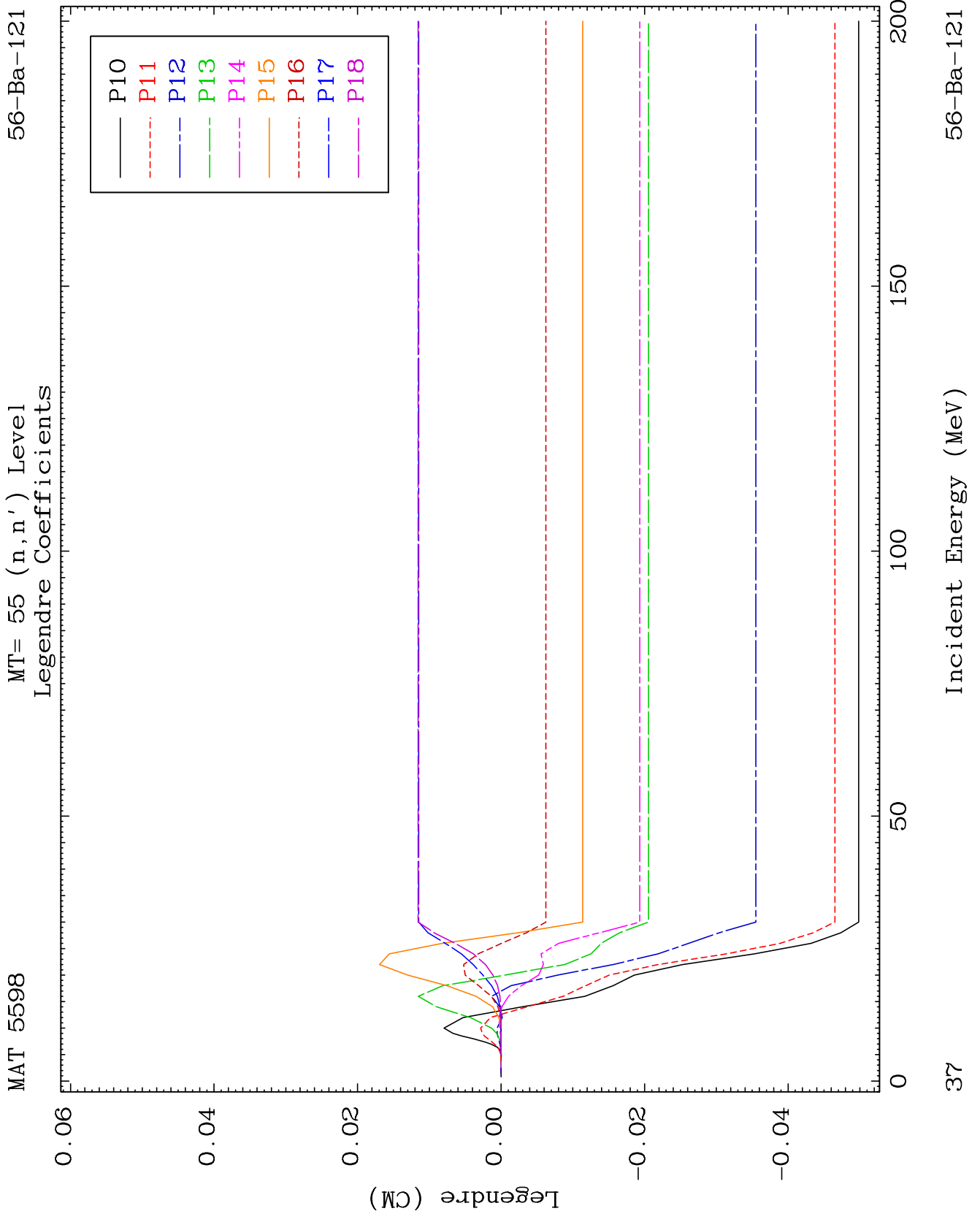
56-Ba-121



56-Ba-121

Incident Energy (MeV)

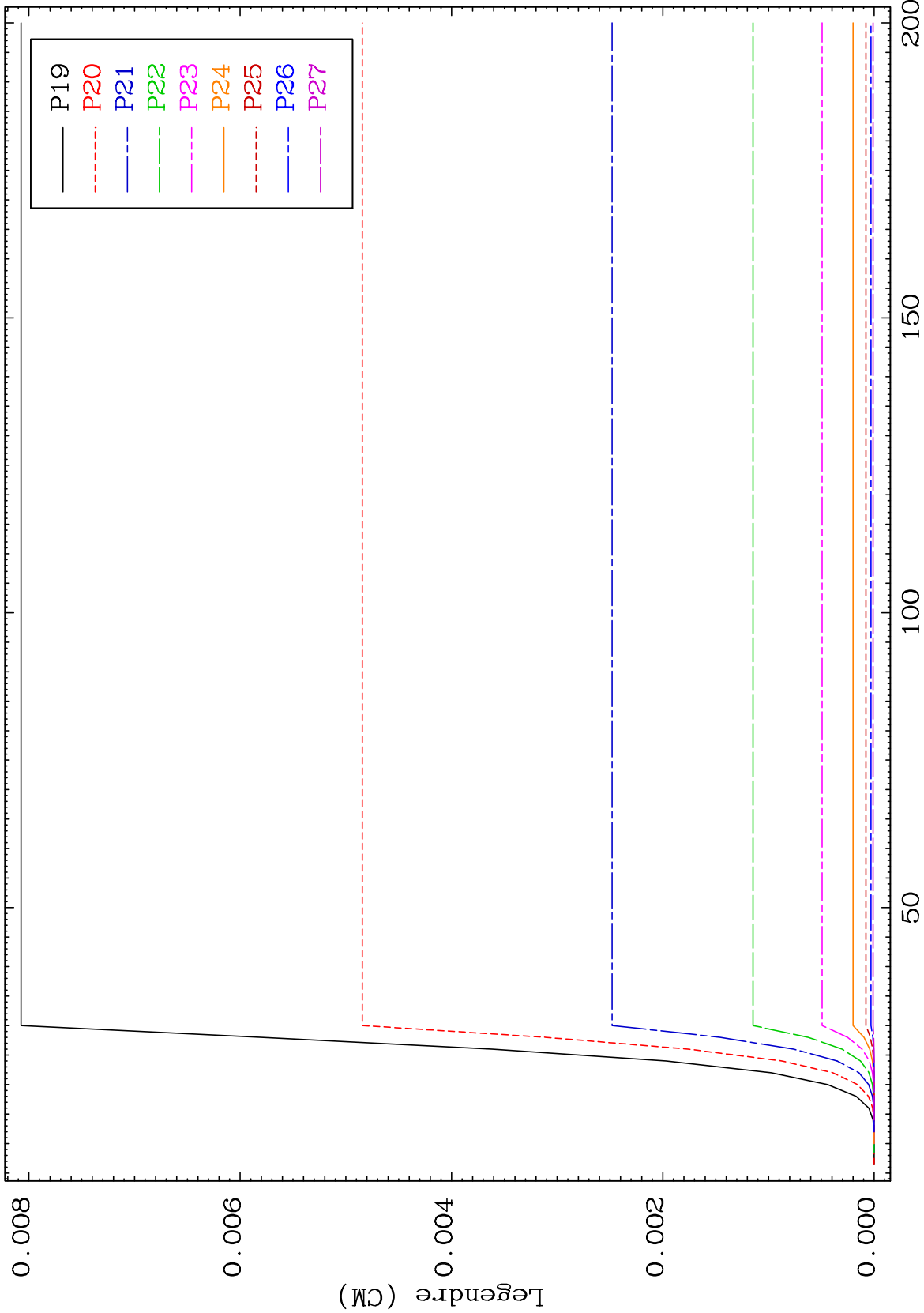
36



MAT 5598

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

56-Ba-121



38

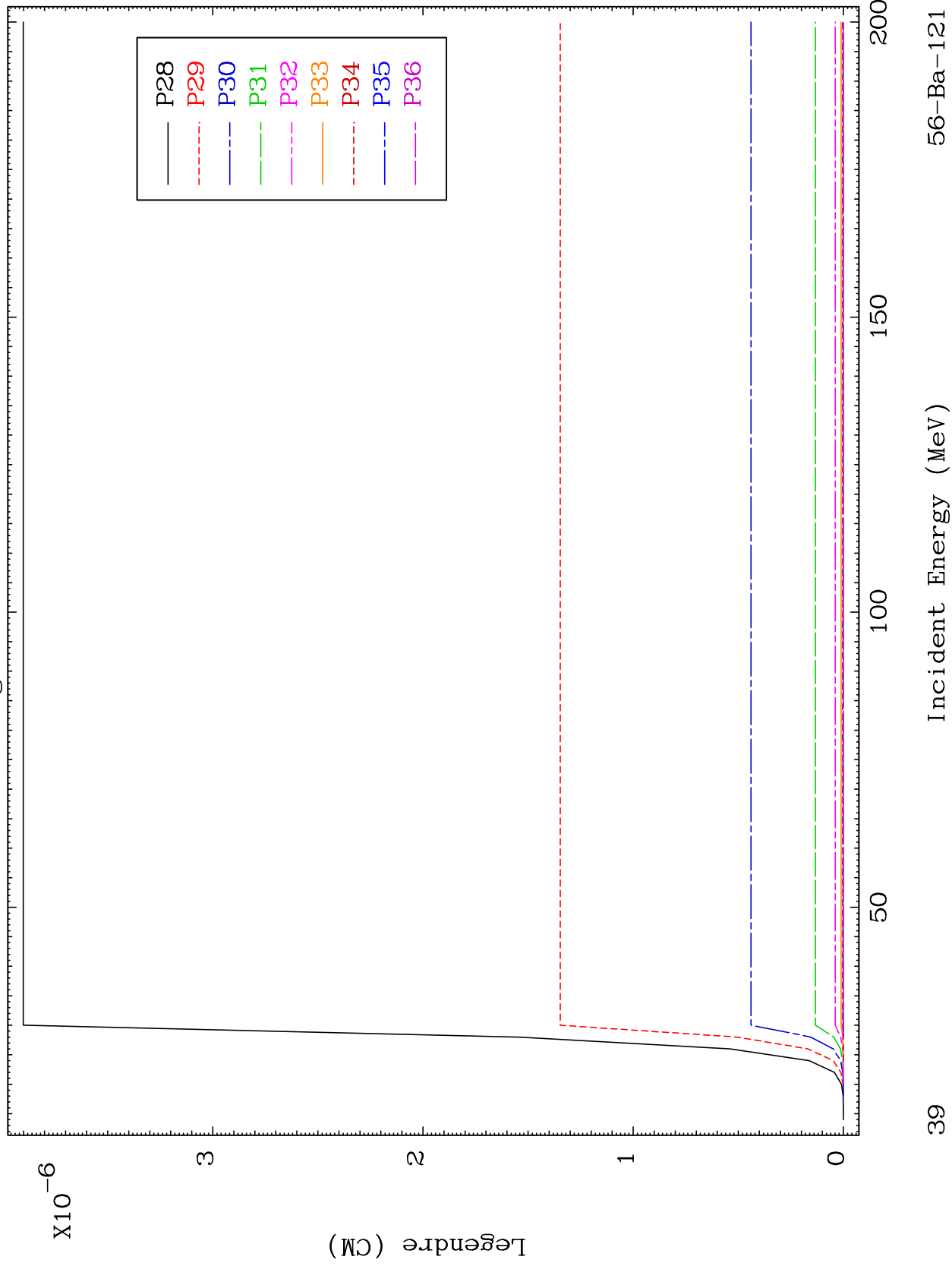
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121

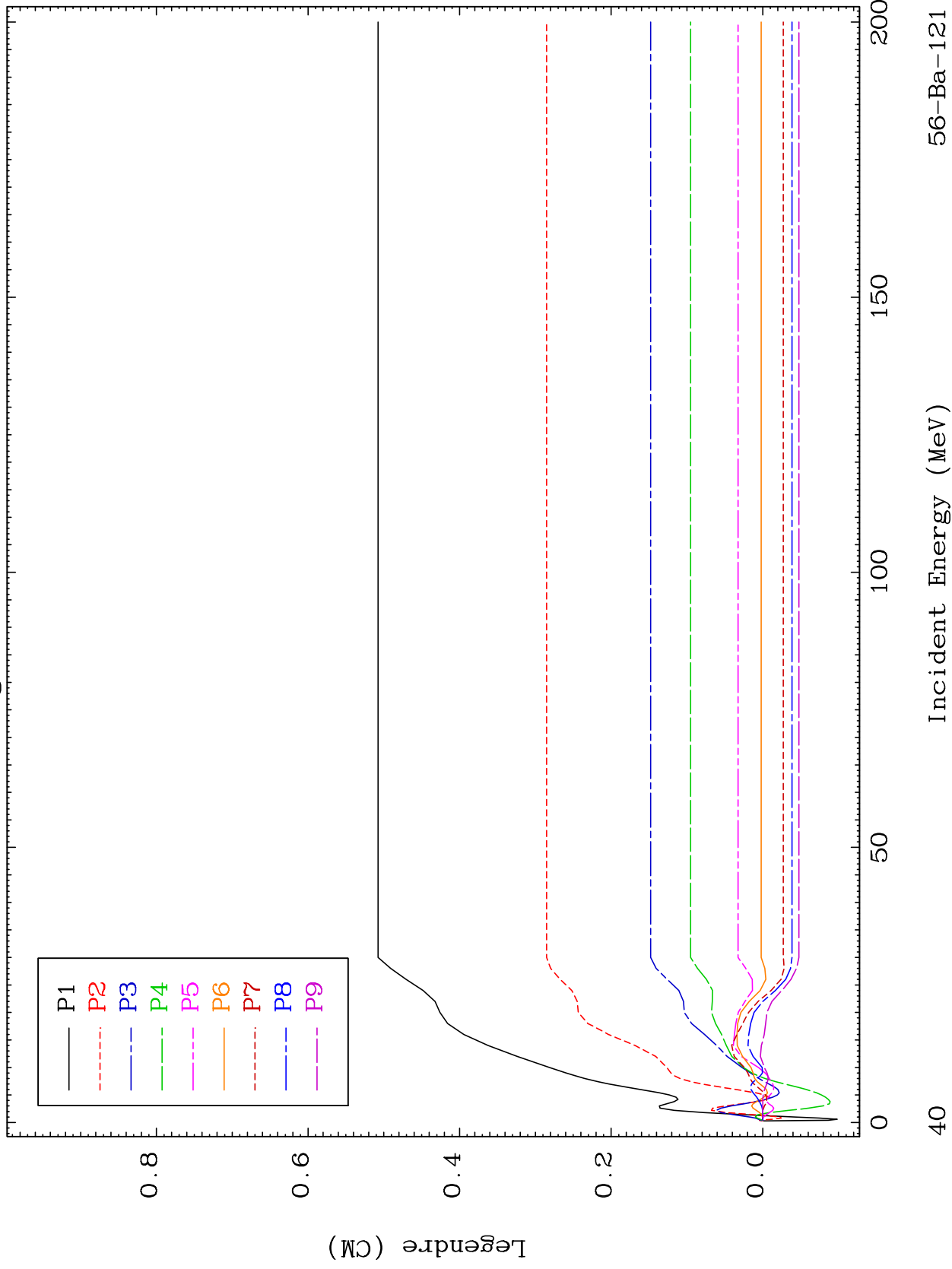


39

MAT 5598

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

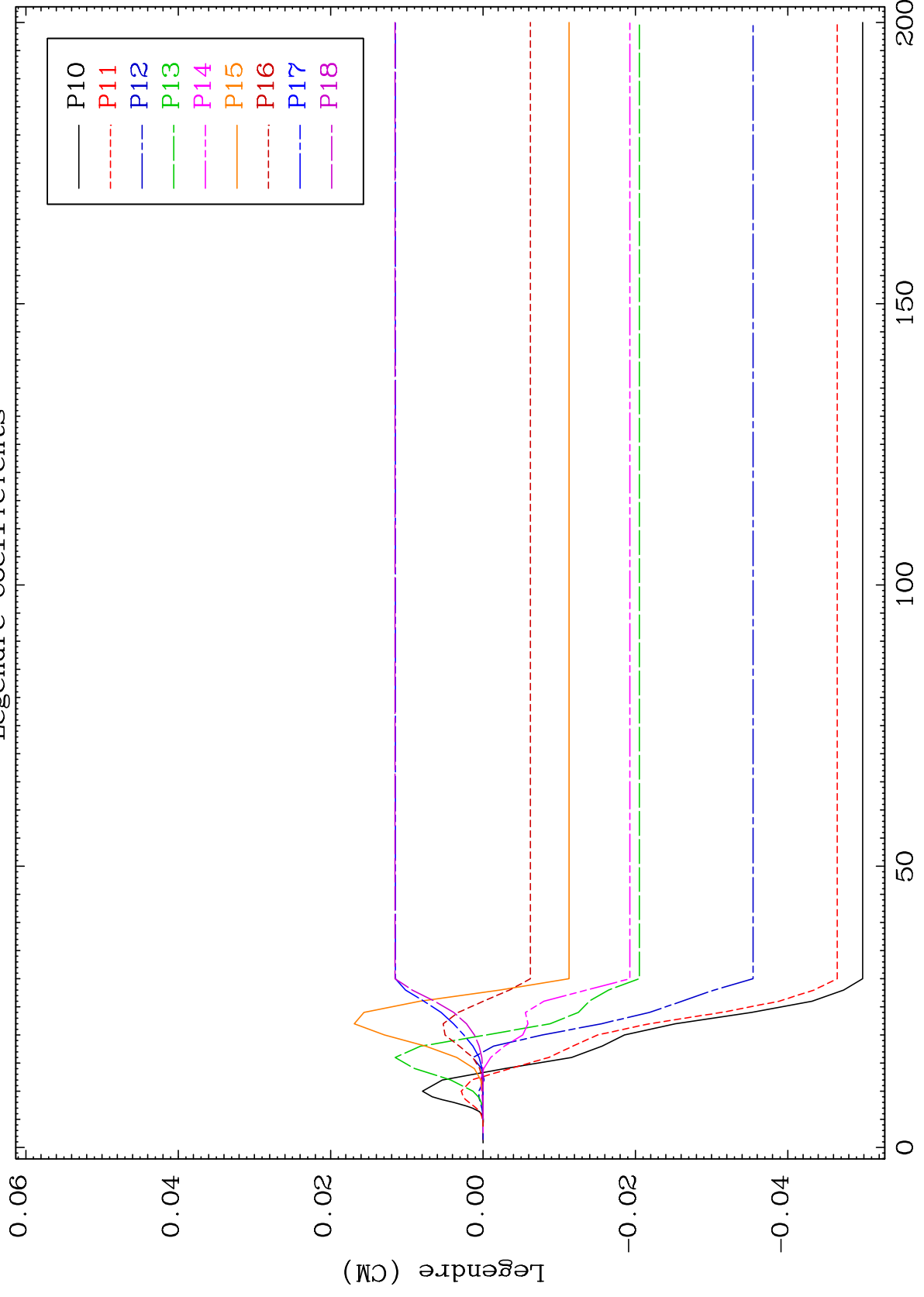
56-Ba-121



MAT 5598

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

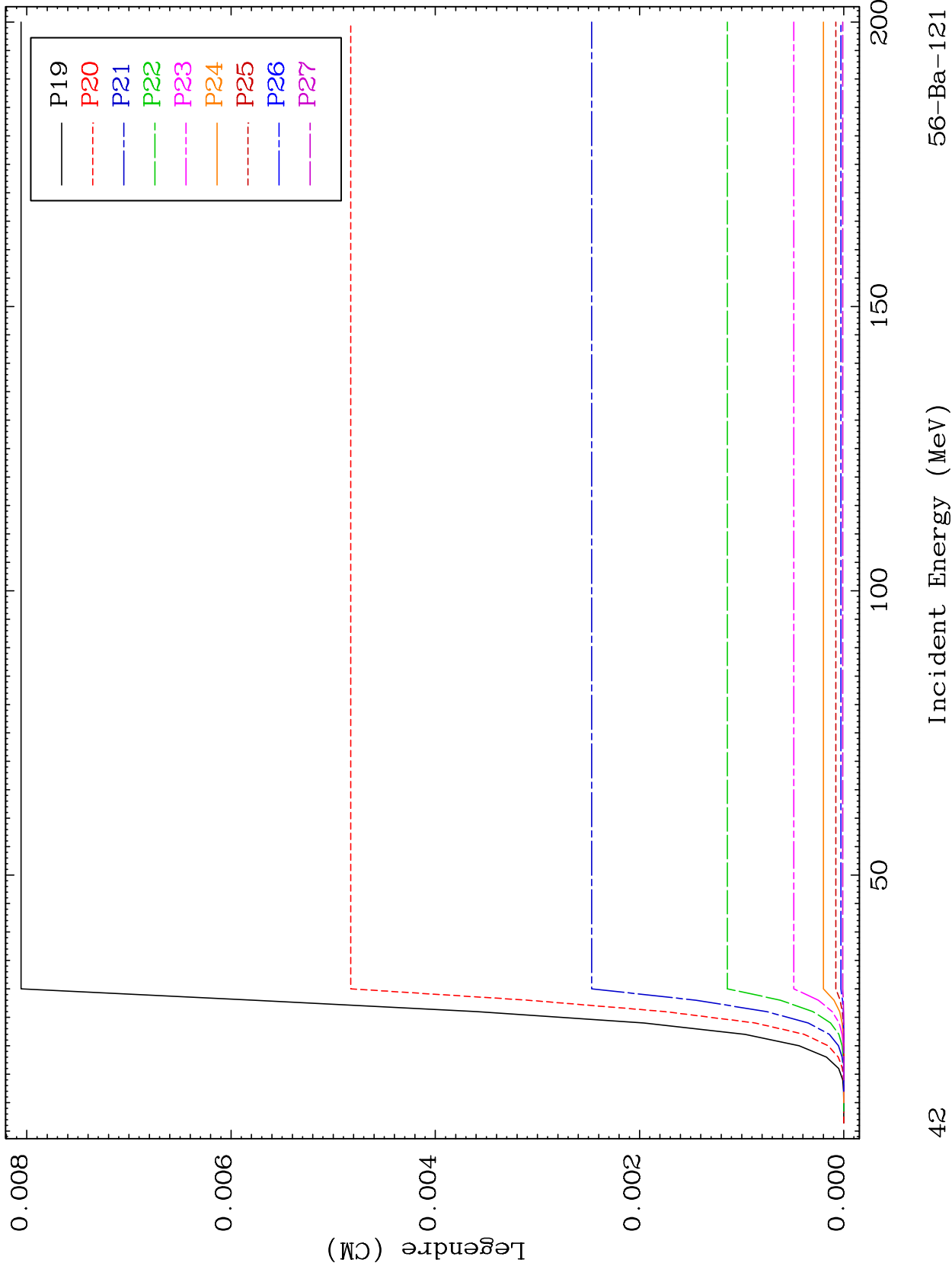
56-Ba-121



MAT 5598

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

56-Ba-121



42

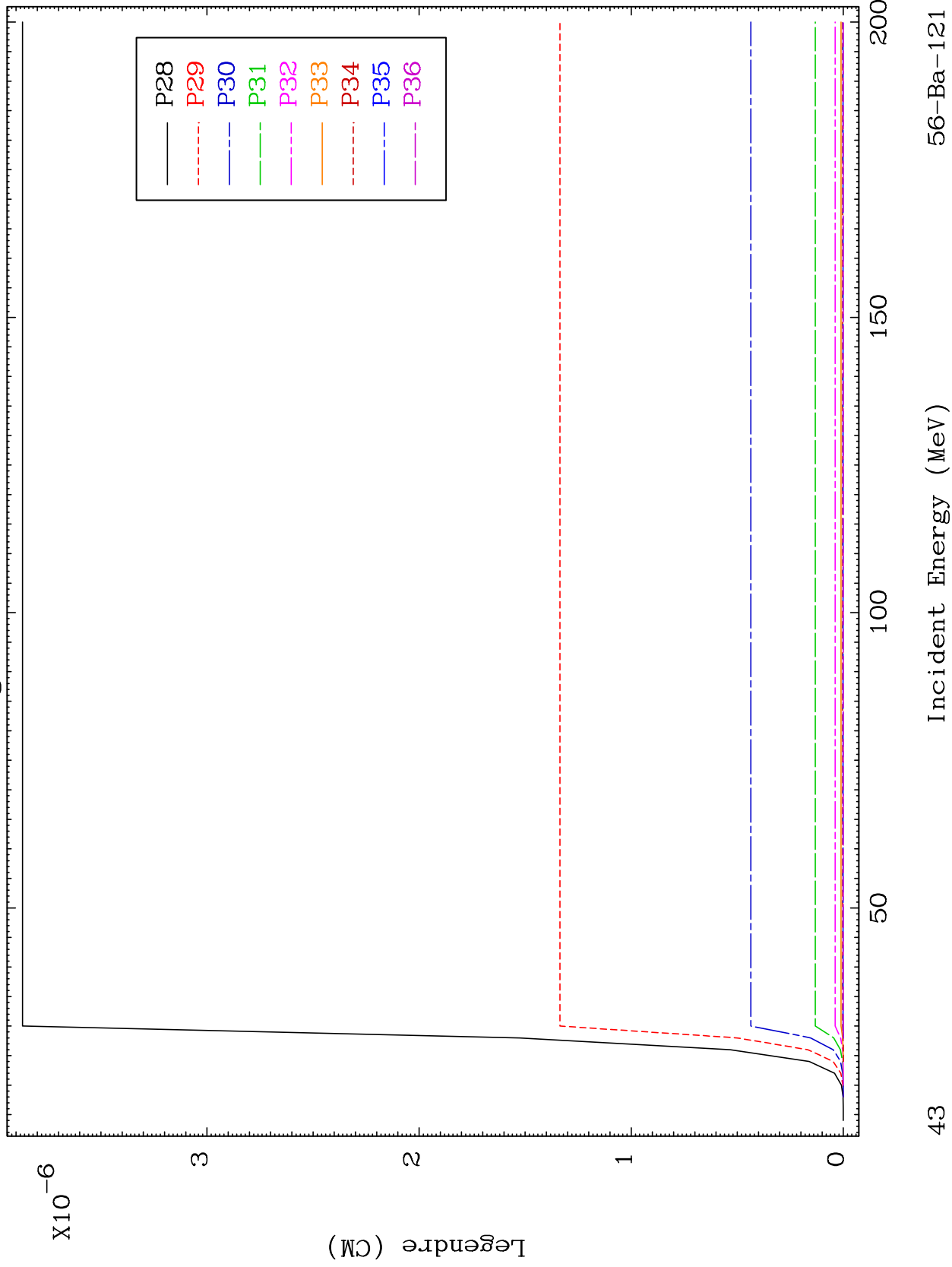
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



43

Incident Energy (MeV)

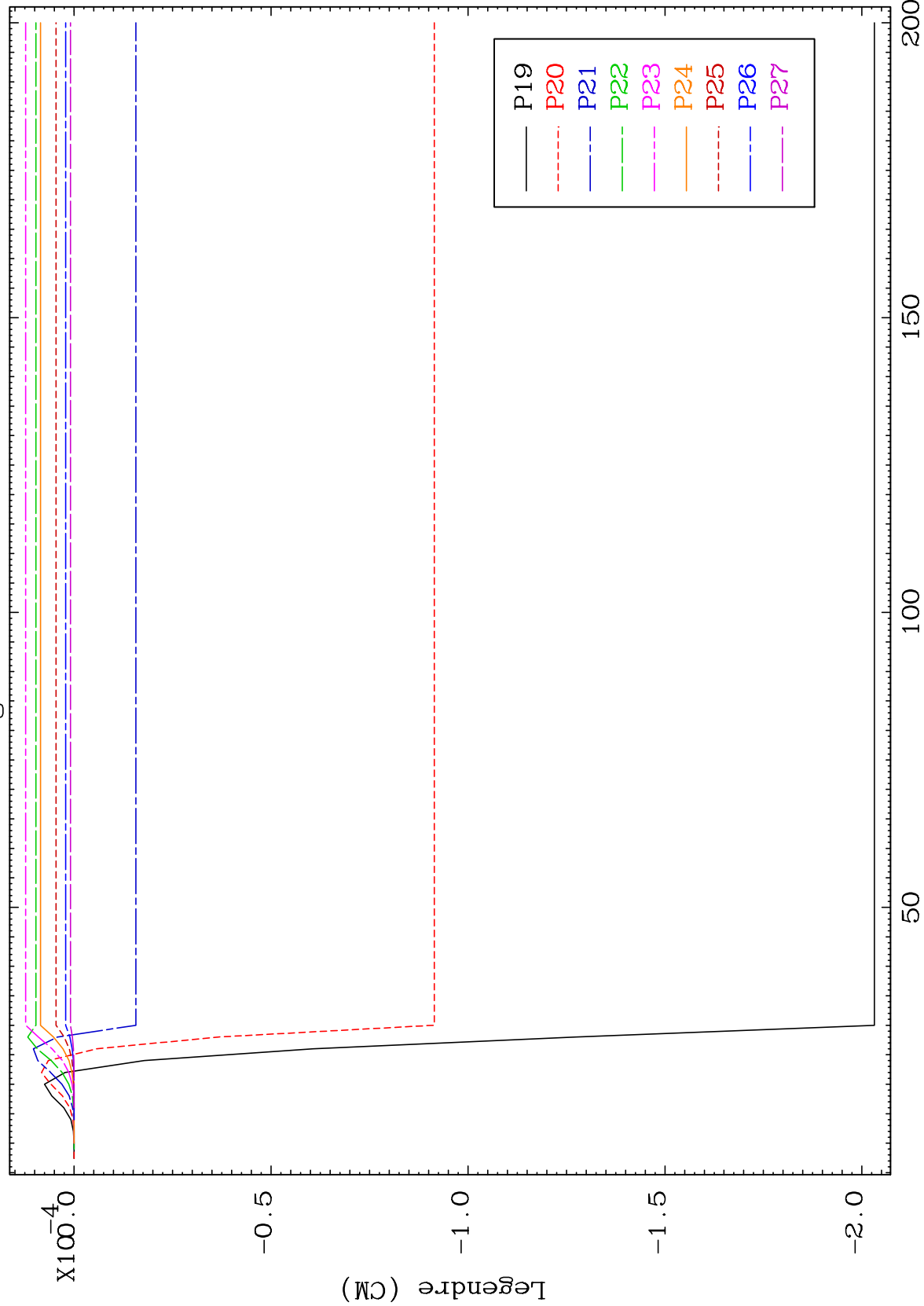
56-Ba-121

MAT 5598

MT= 57 (n,n') Level

56-Ba-121

Legendre Coefficients



46

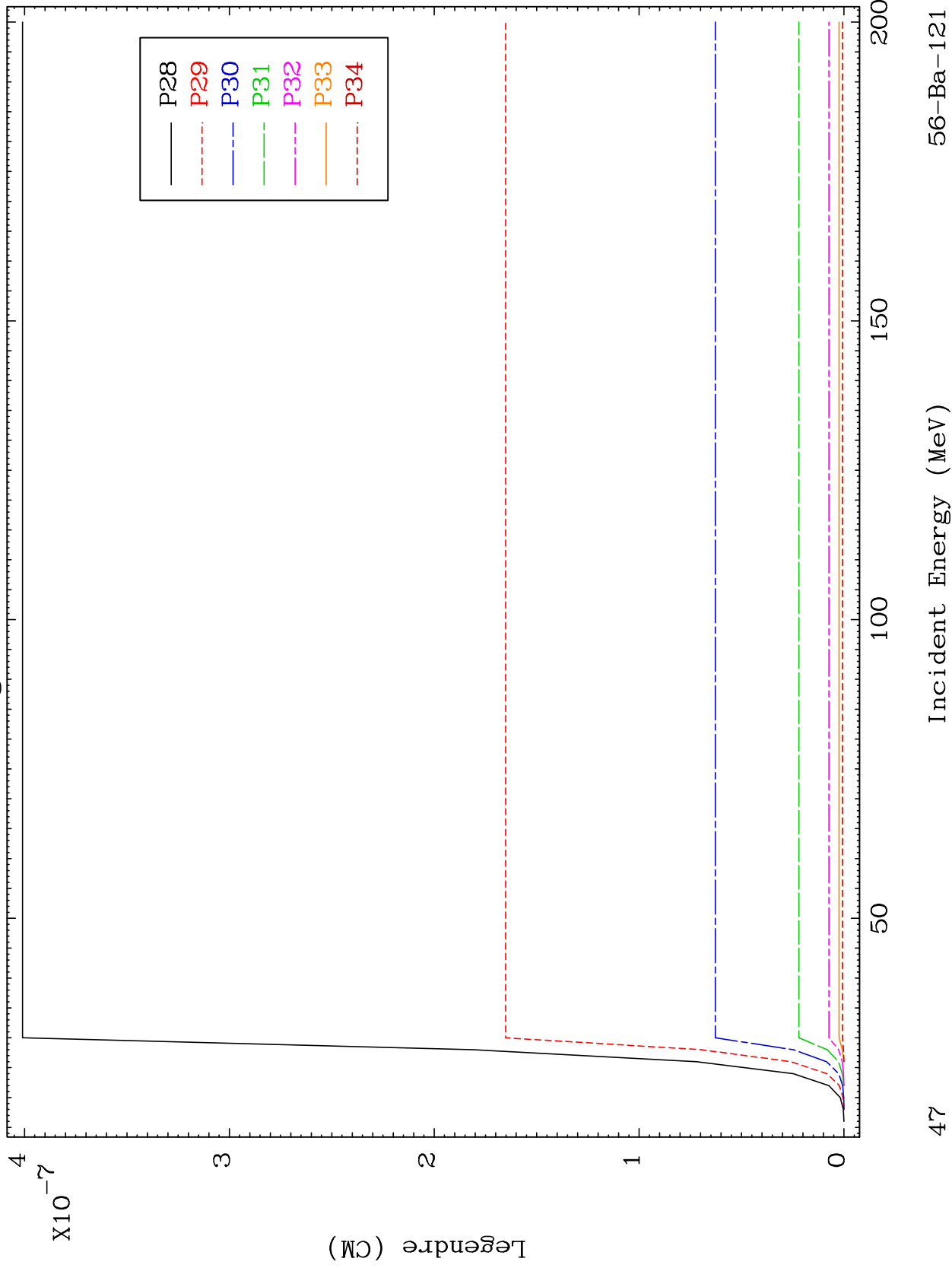
Incident Energy (MeV)

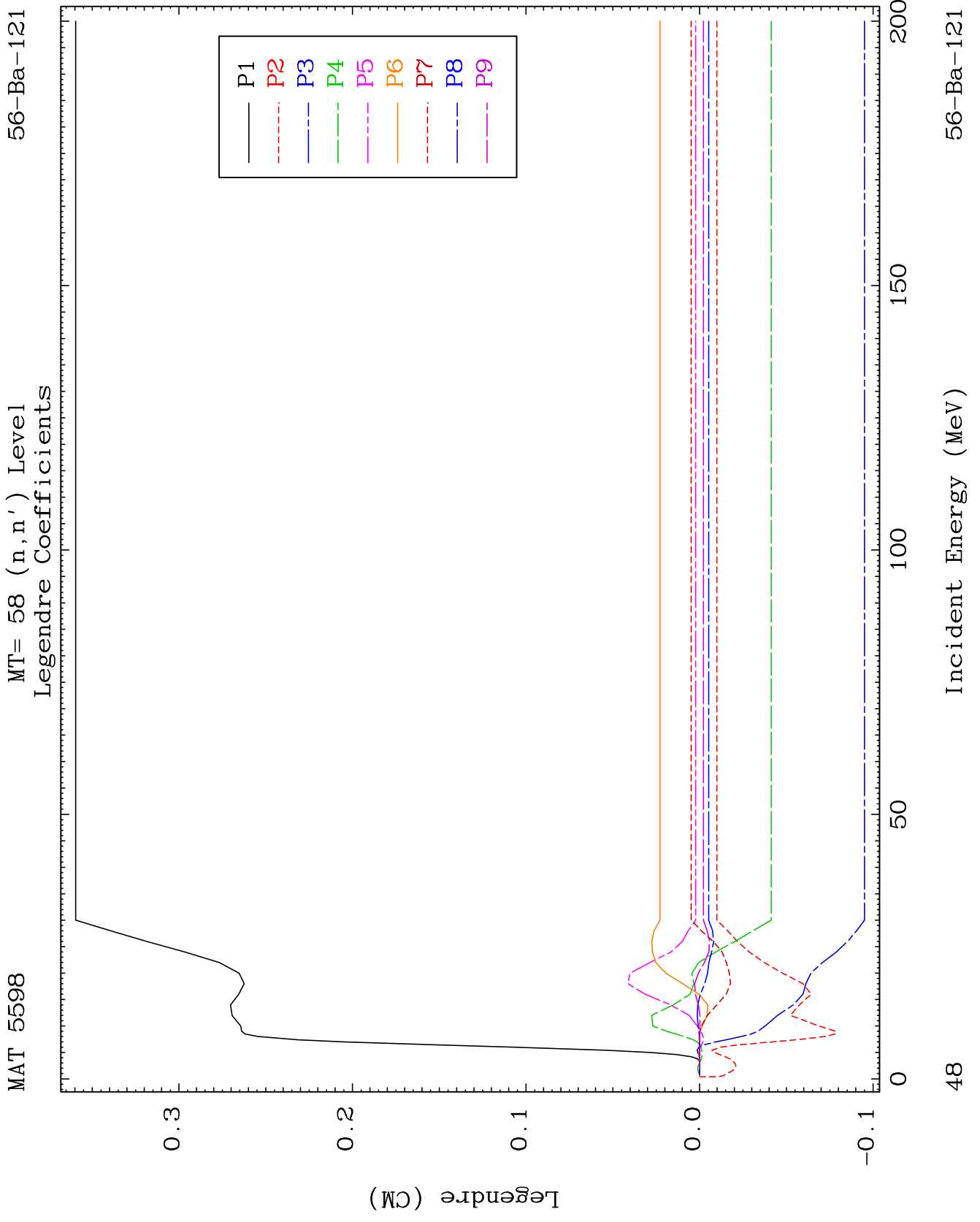
56-Ba-121

MAT 5598

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

56-Ba-121

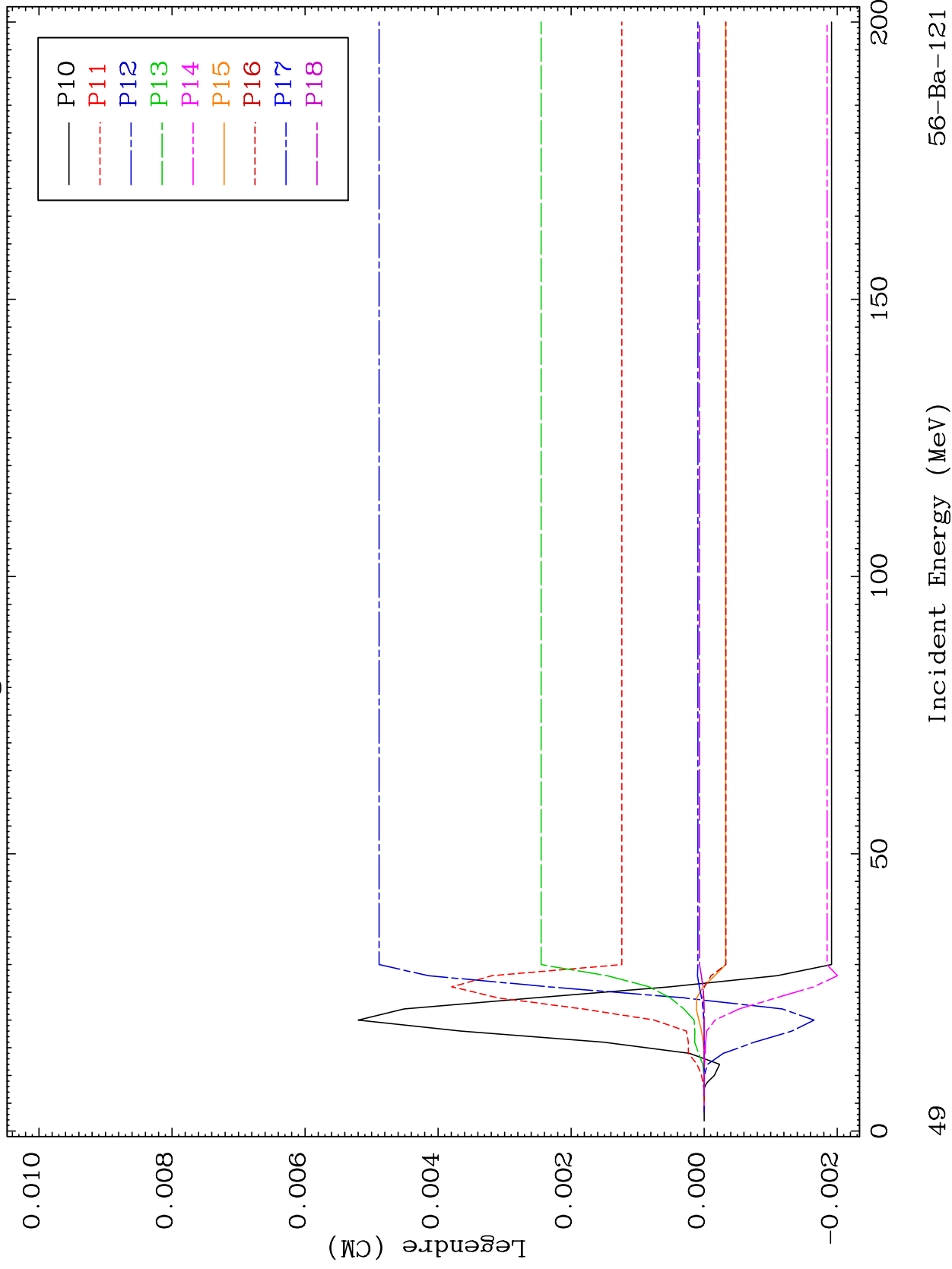




MAT 5598

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

56-Ba-121



56-Ba-121

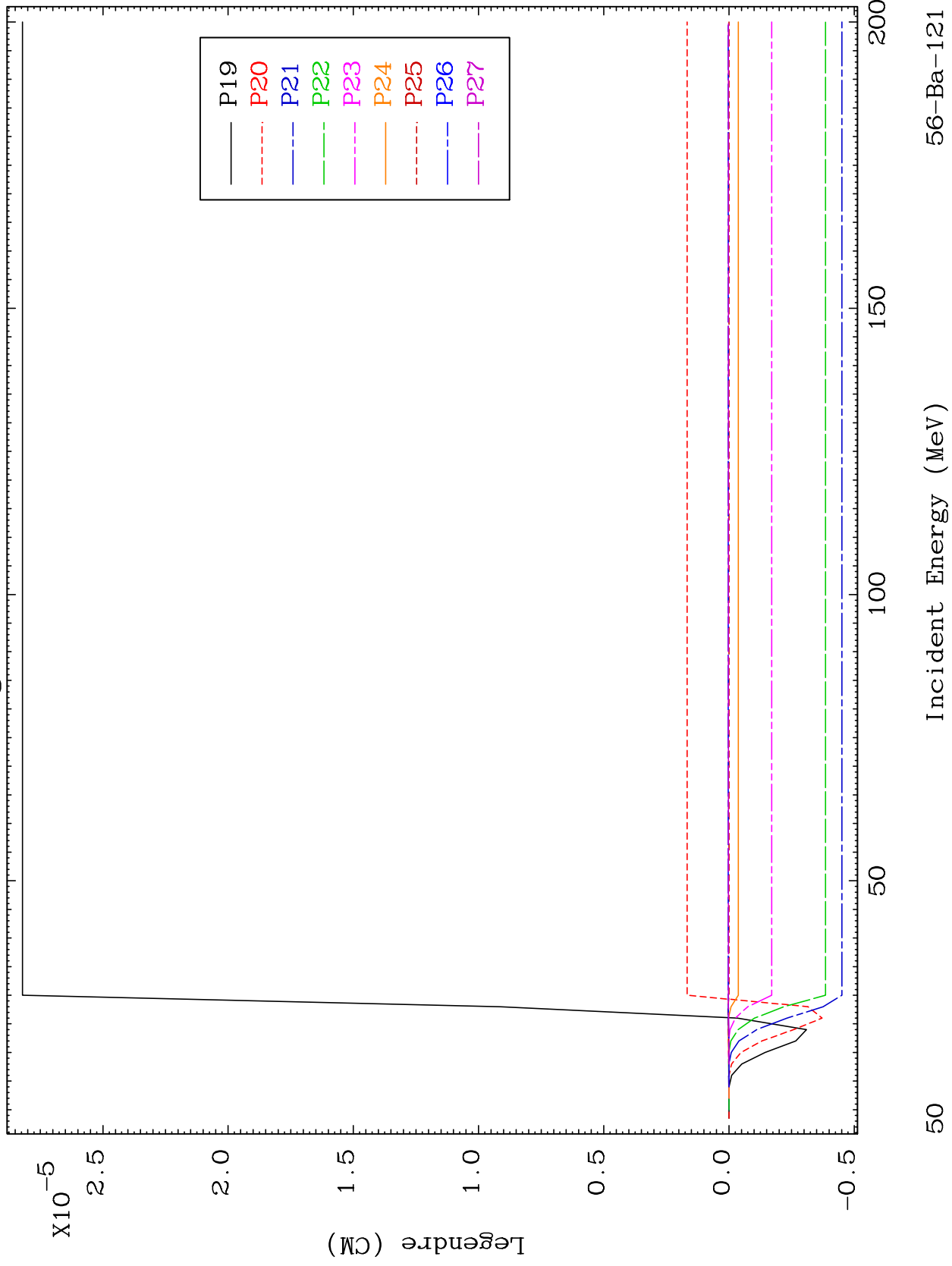
Incident Energy (MeV)

49

MAT 5598

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

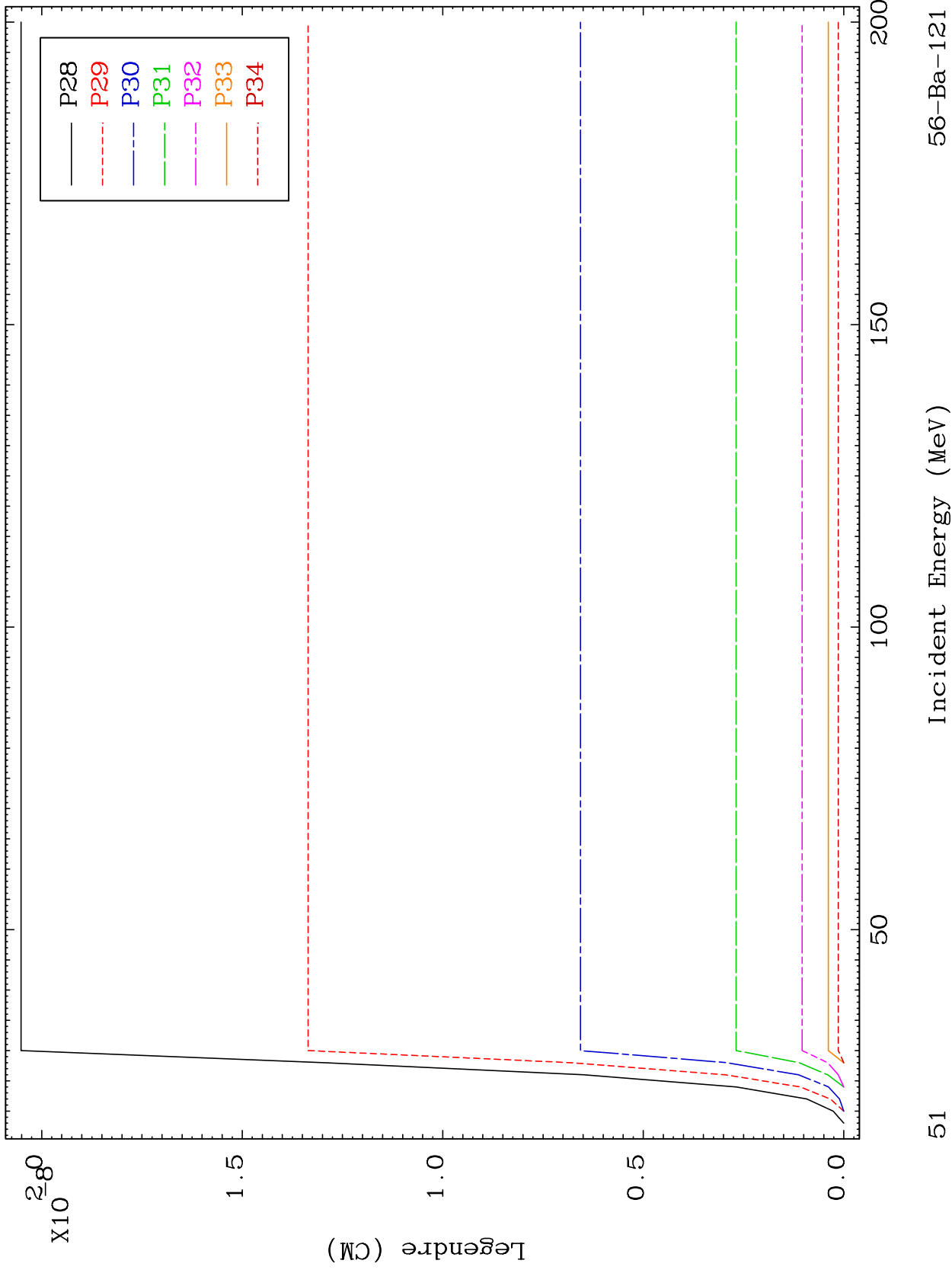
56-Ba-121



MAT 5598

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

56-Ba-121

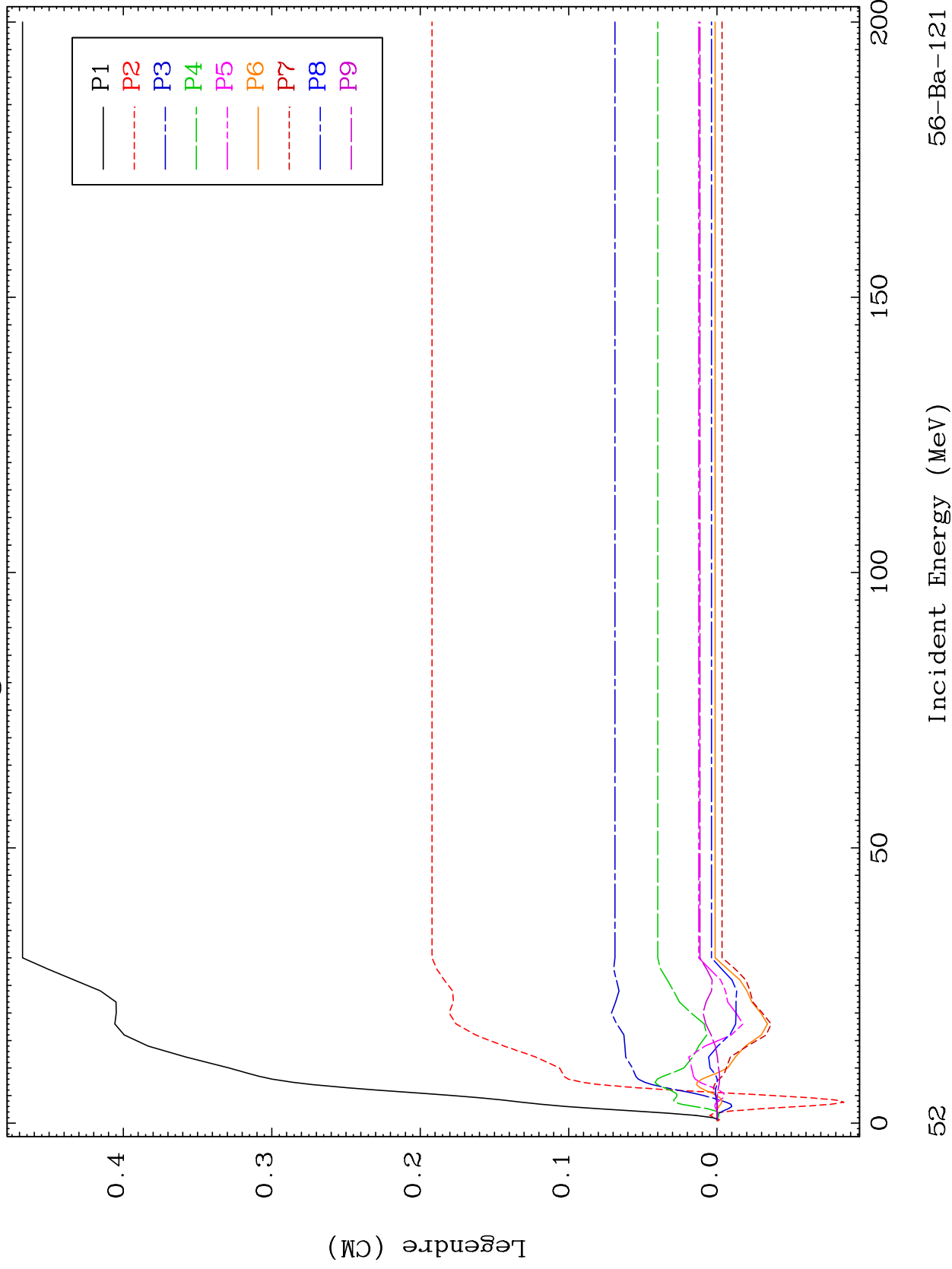


51

MAT 5598

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

56-Ba-121



56-Ba-121

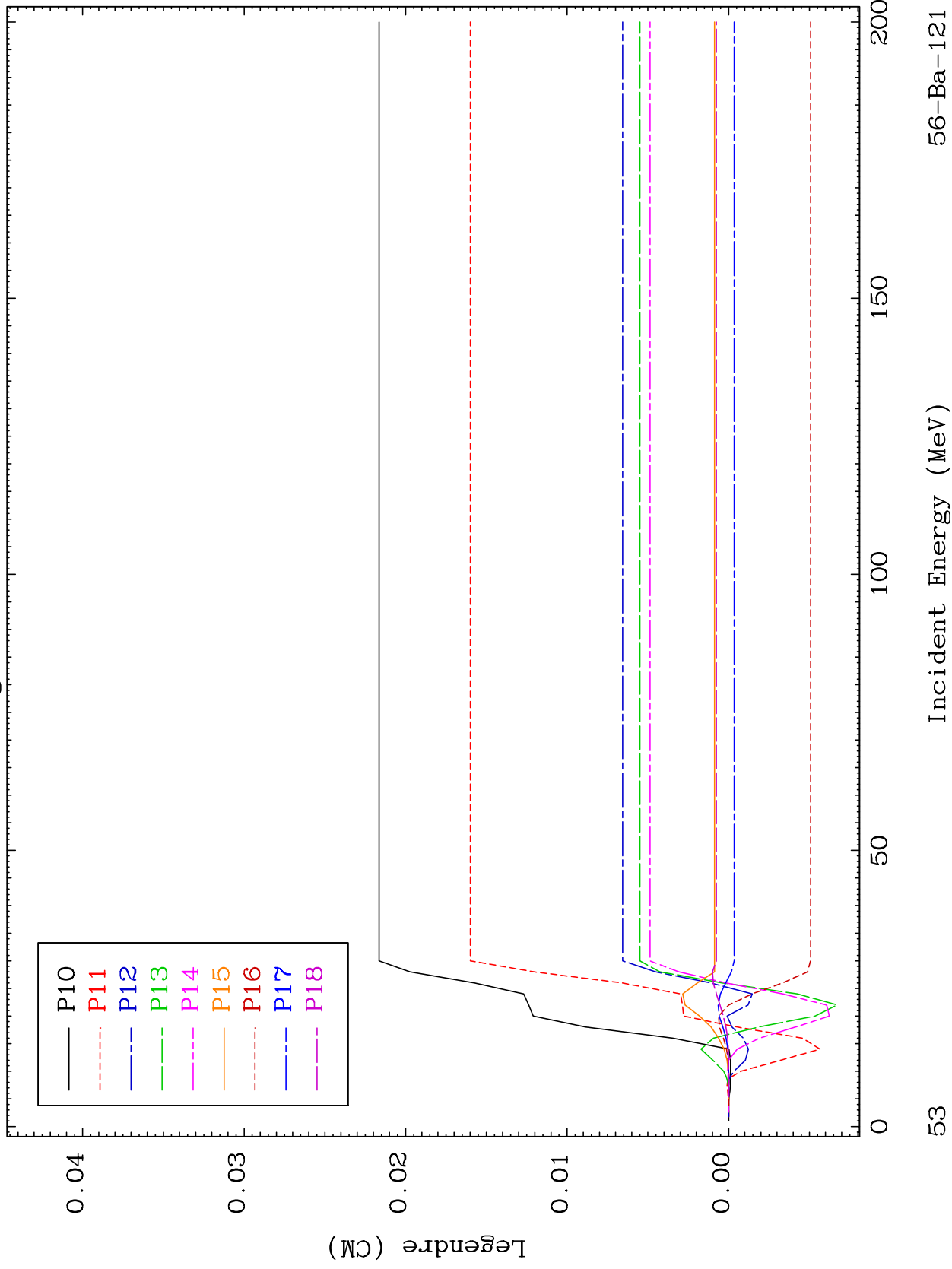
Incident Energy (MeV)

52

MAT 5598

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

56-Ba-121



53

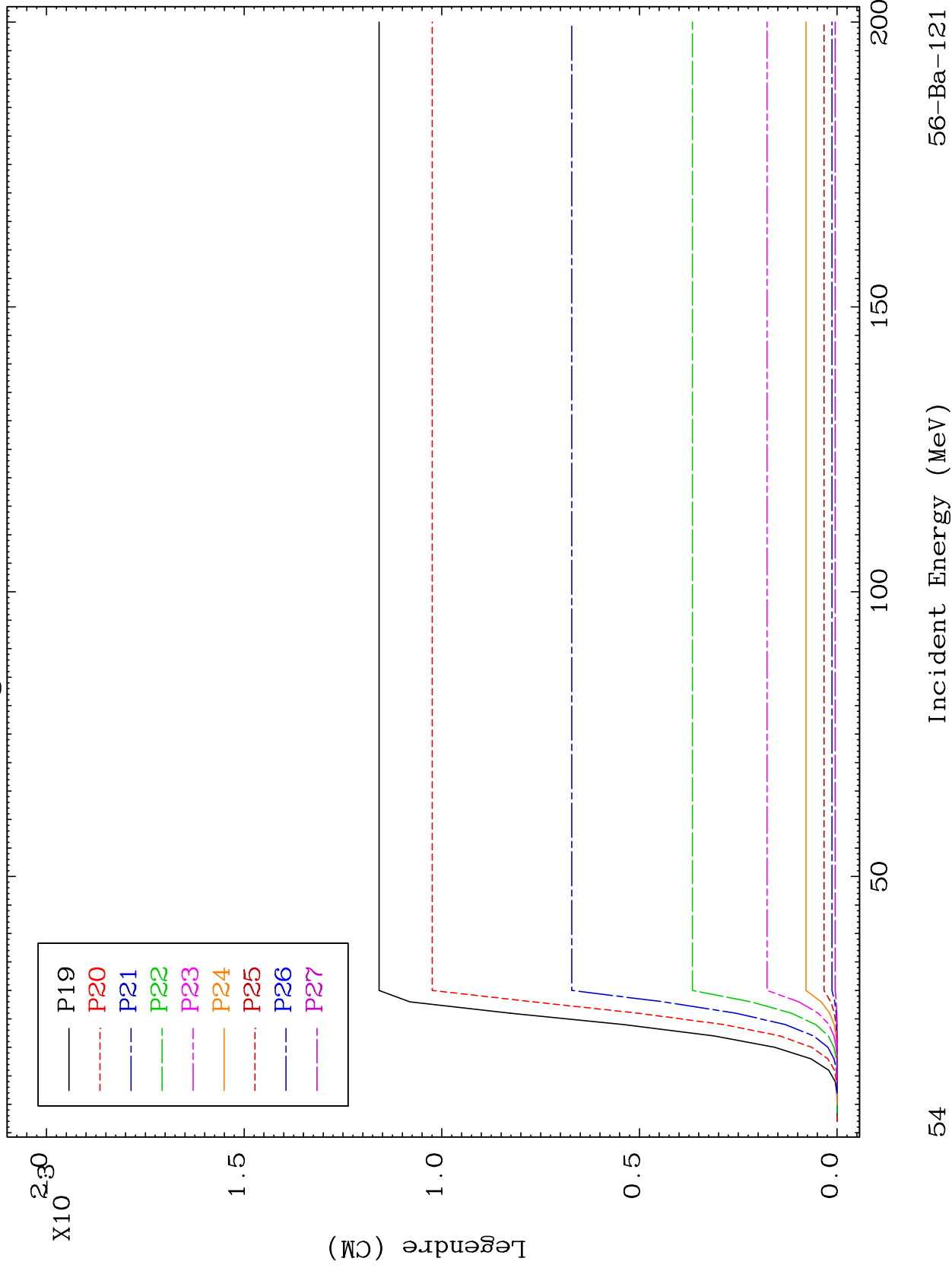
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



54

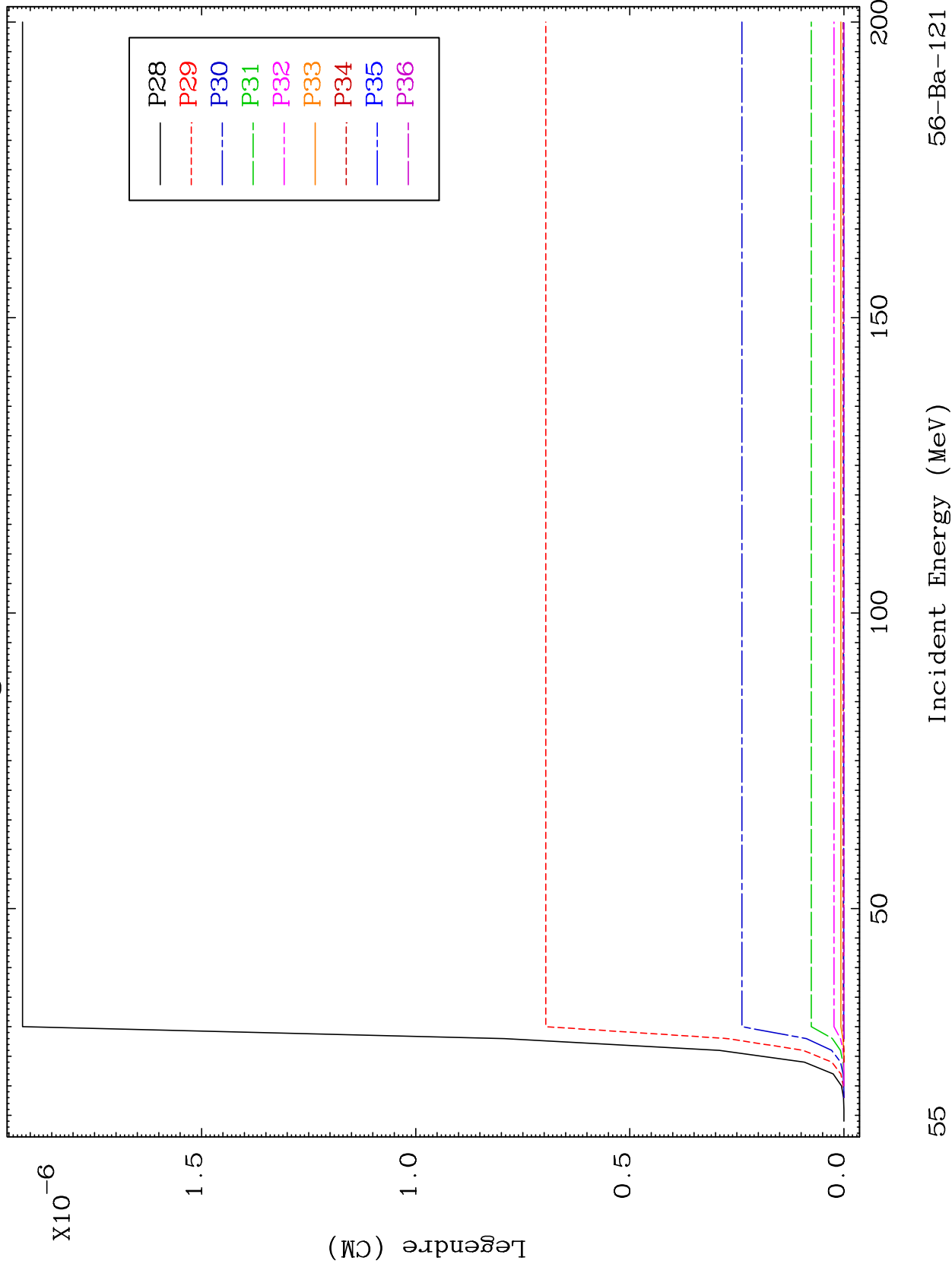
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



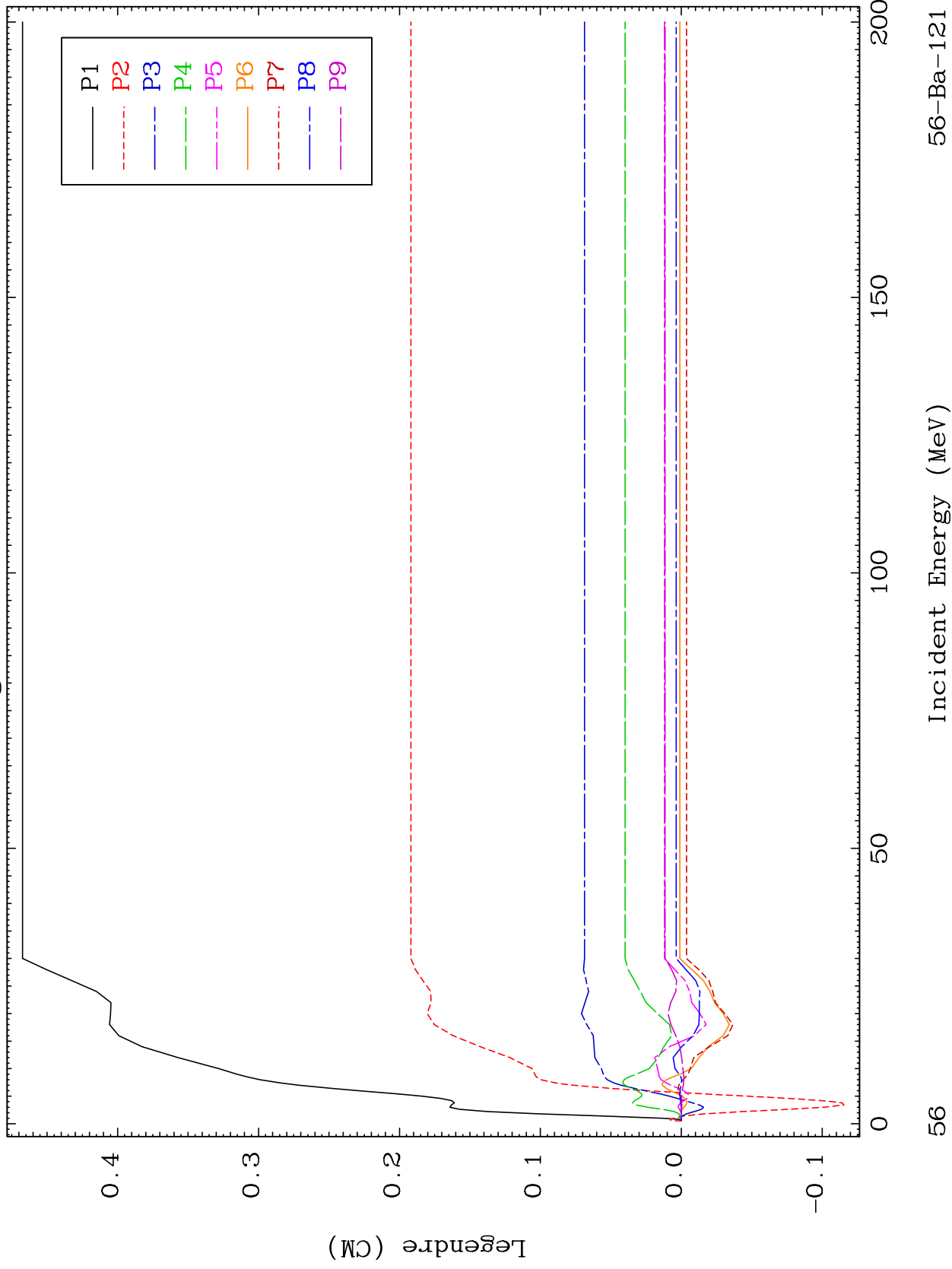
55

56-Ba-121

MAT 5598

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

56-Ba-121



56-Ba-121

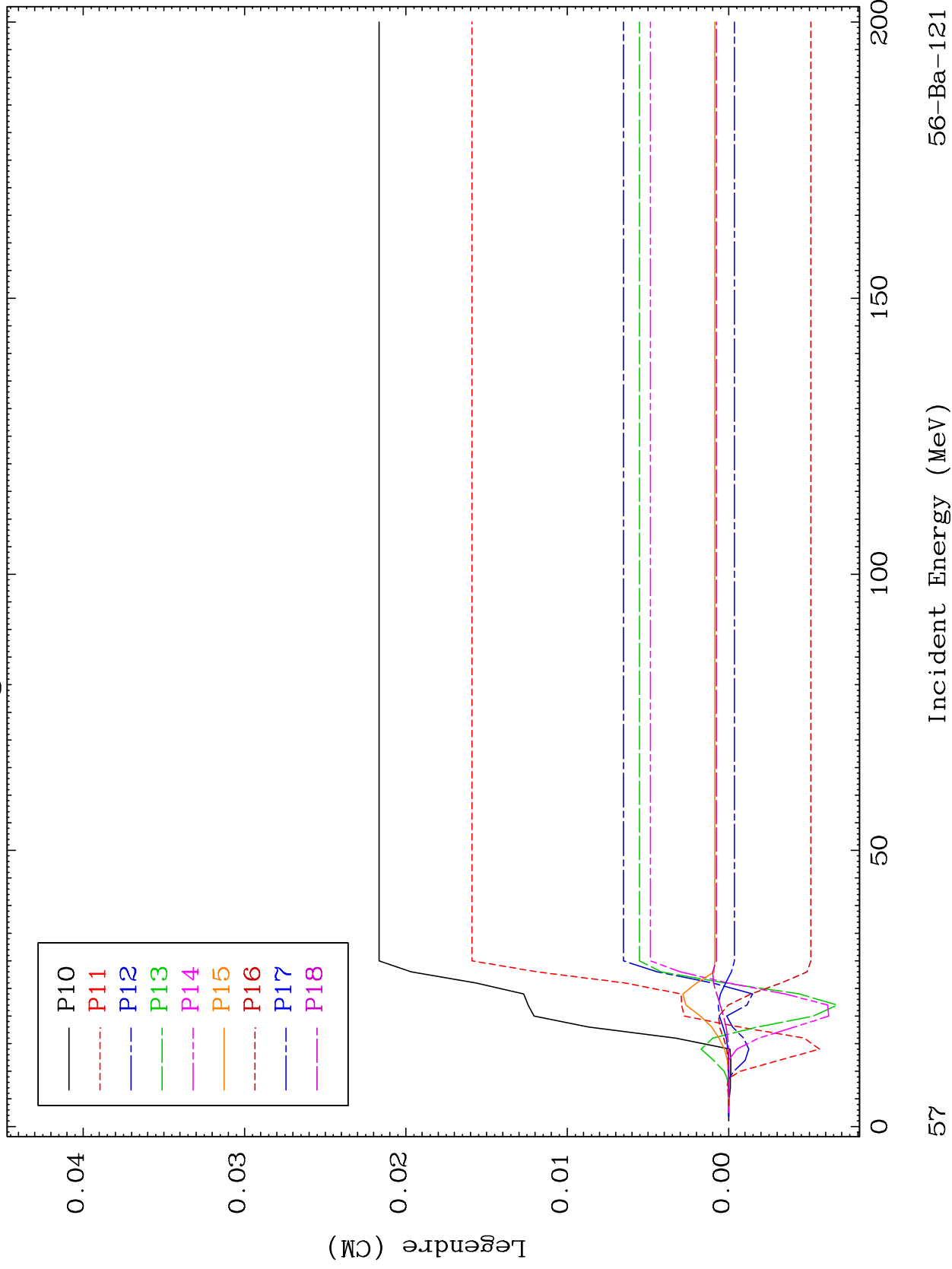
Incident Energy (MeV)

56

MAT 5598

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

56-Ba-121



57

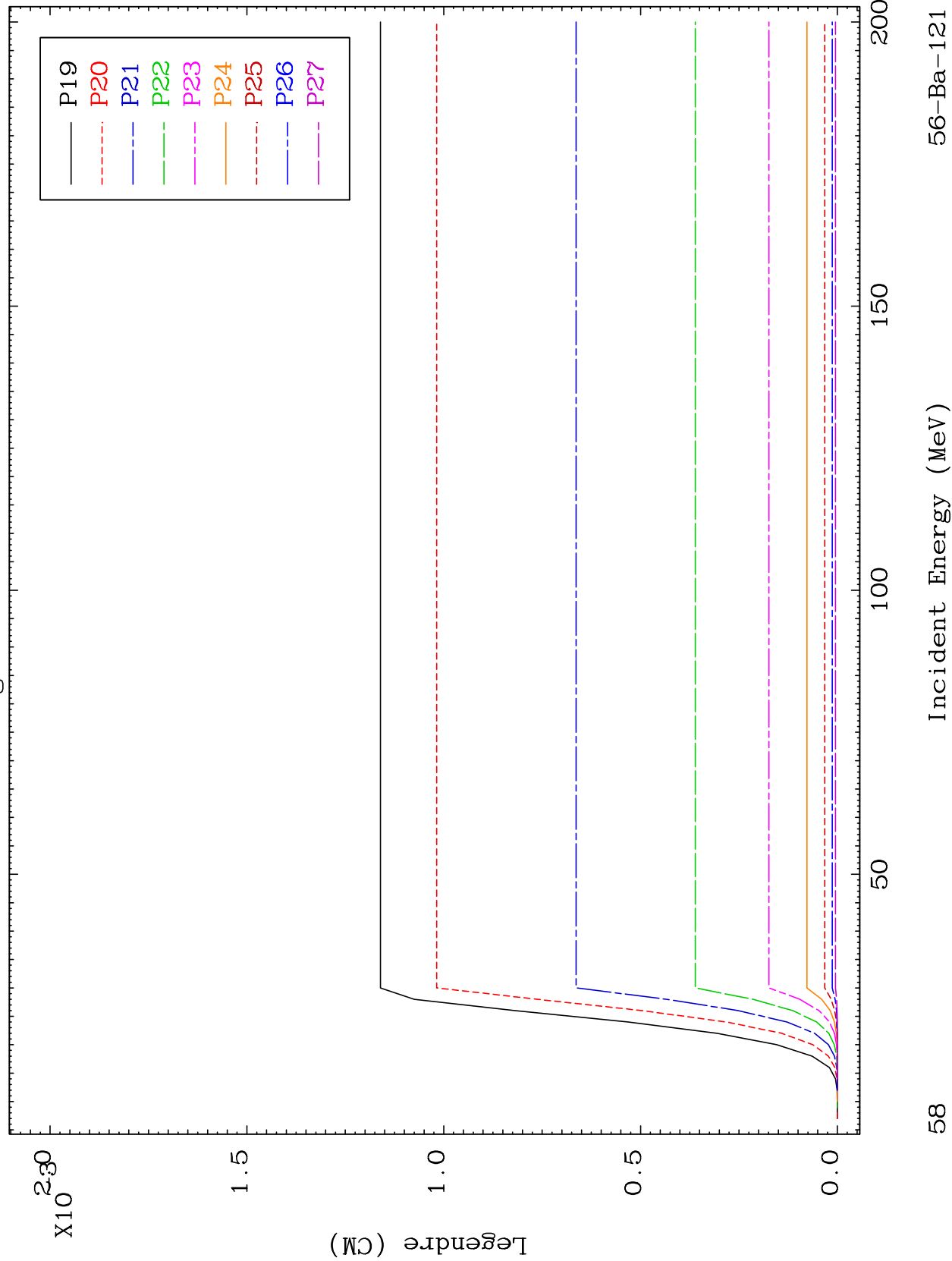
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

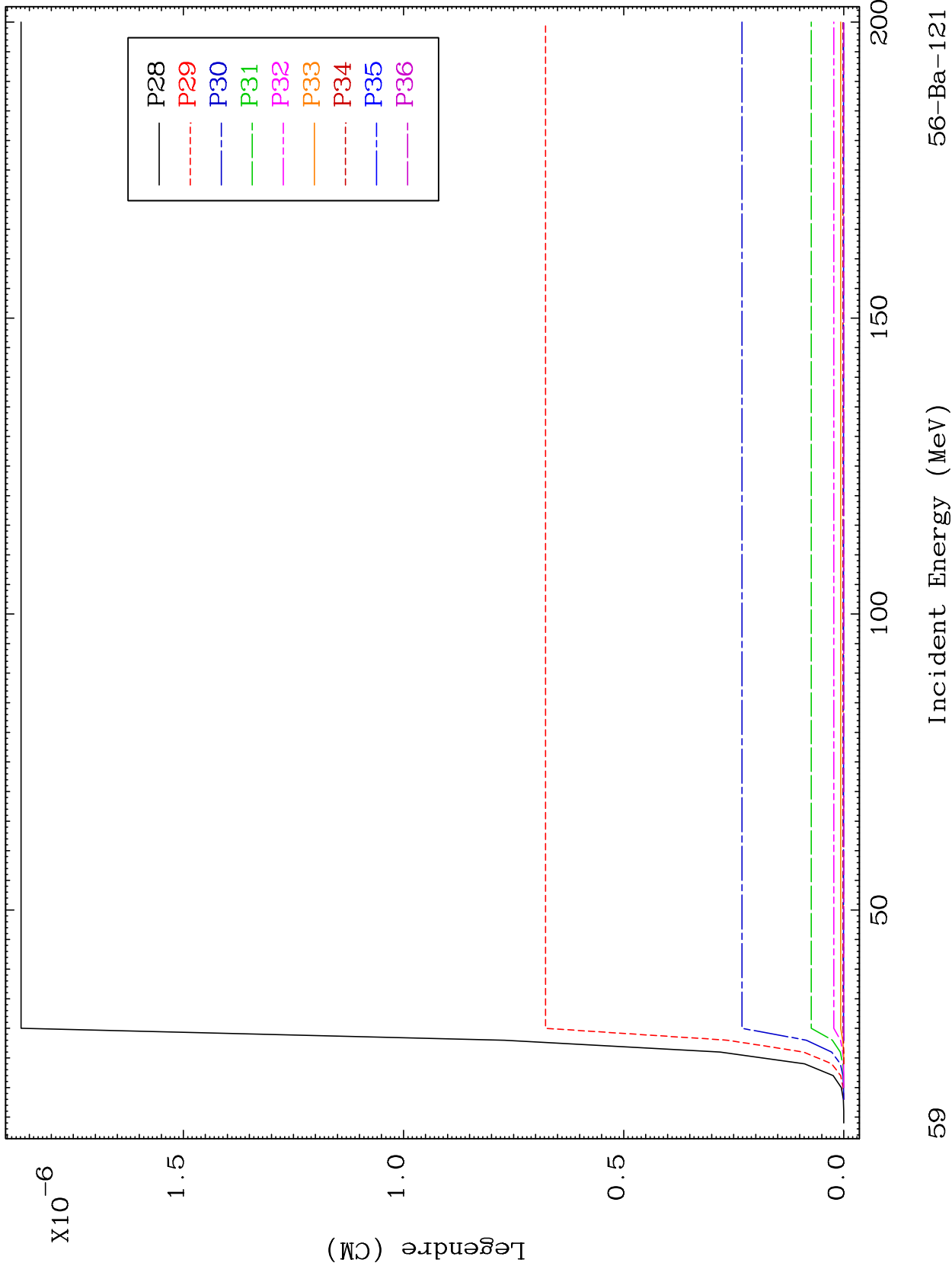
56-Ba-121



MAT 5598

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

56-Ba-121



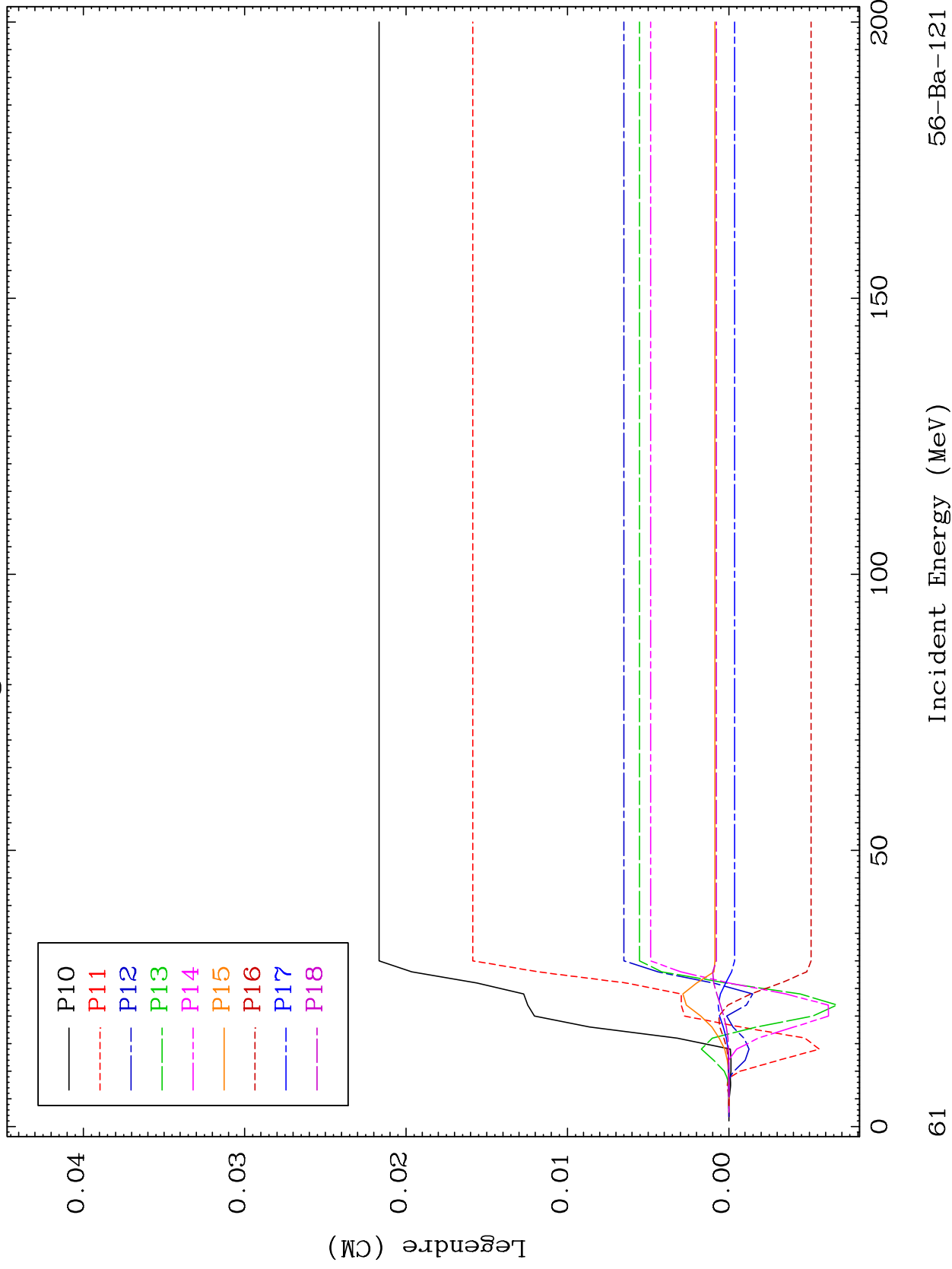
59

200

MAT 5598

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

56-Ba-121



61

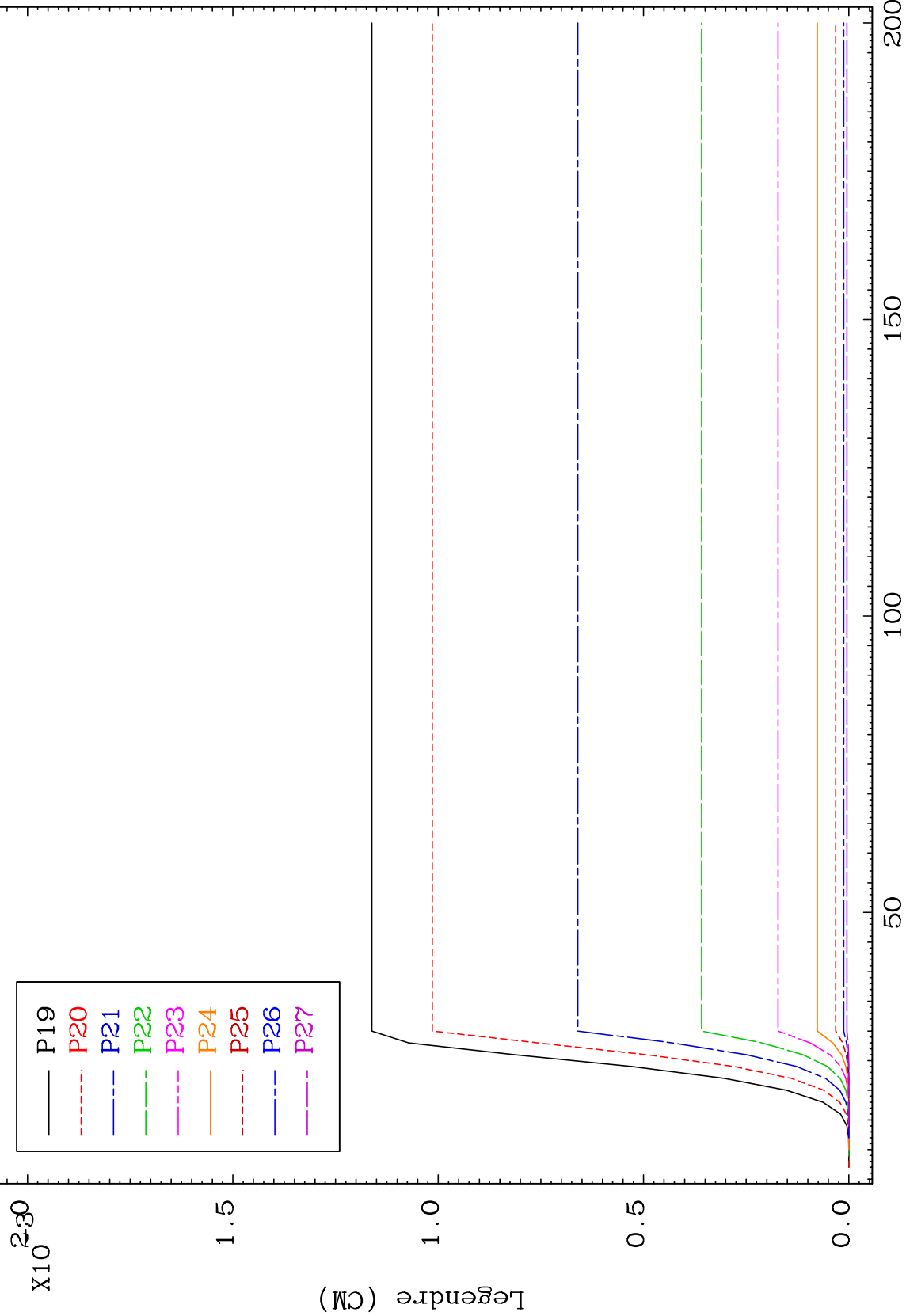
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



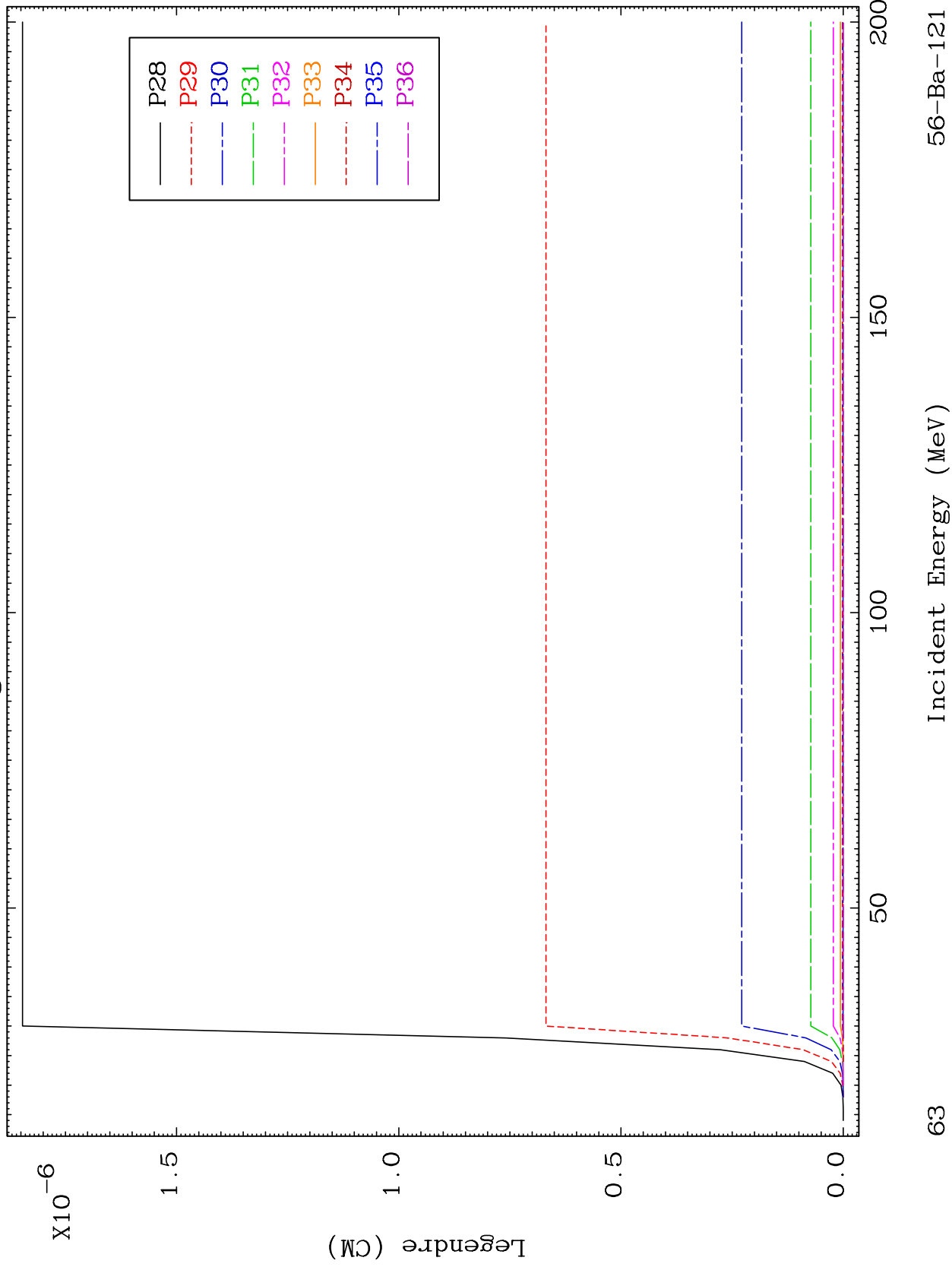
62

56-Ba-121

MAT 5598

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

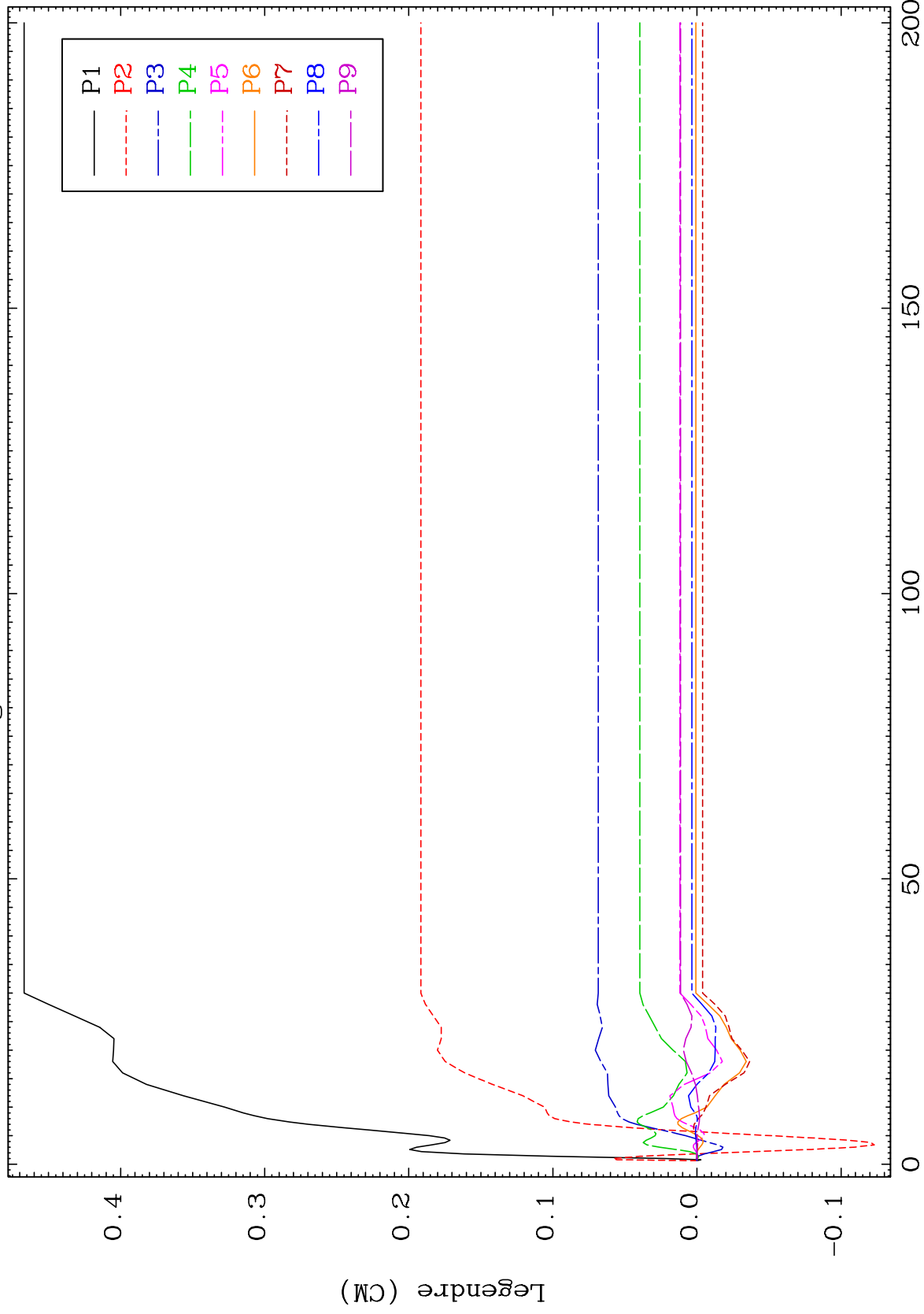
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

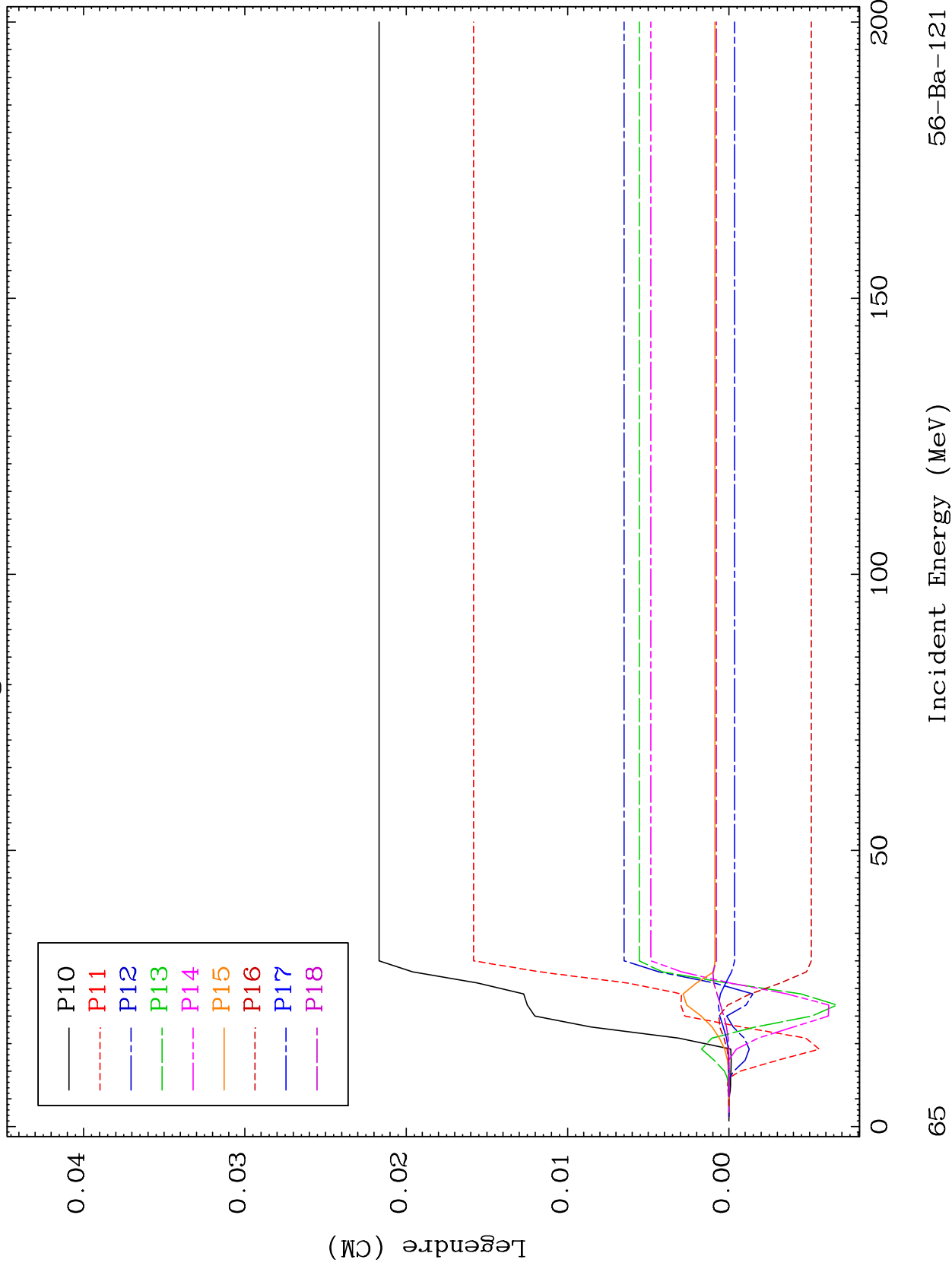
Incident Energy (MeV)

64

MAT 5598

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

56-Ba-121



56-Ba-121

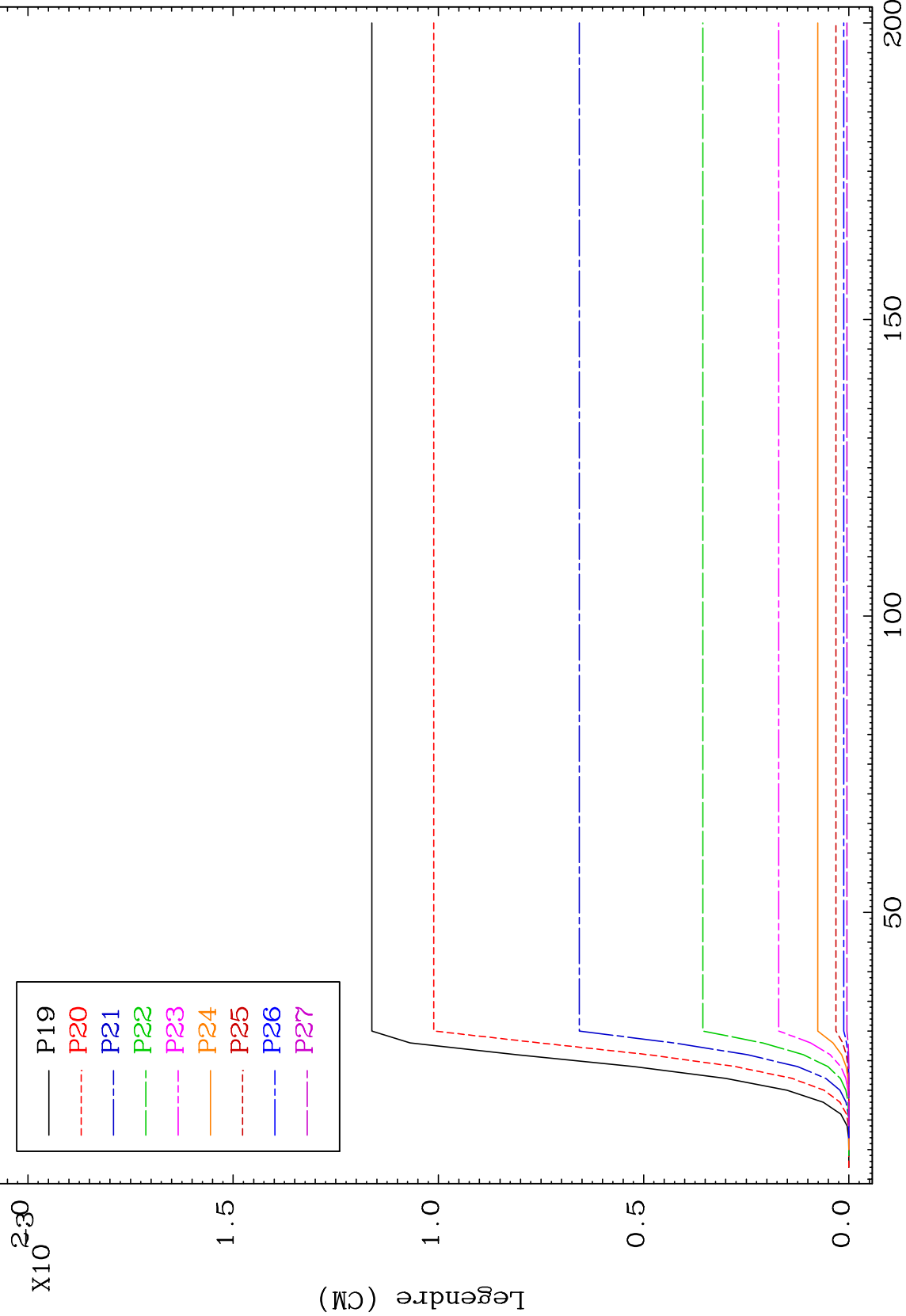
Incident Energy (MeV)

65

MAT 5598

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

56-Ba-121



66

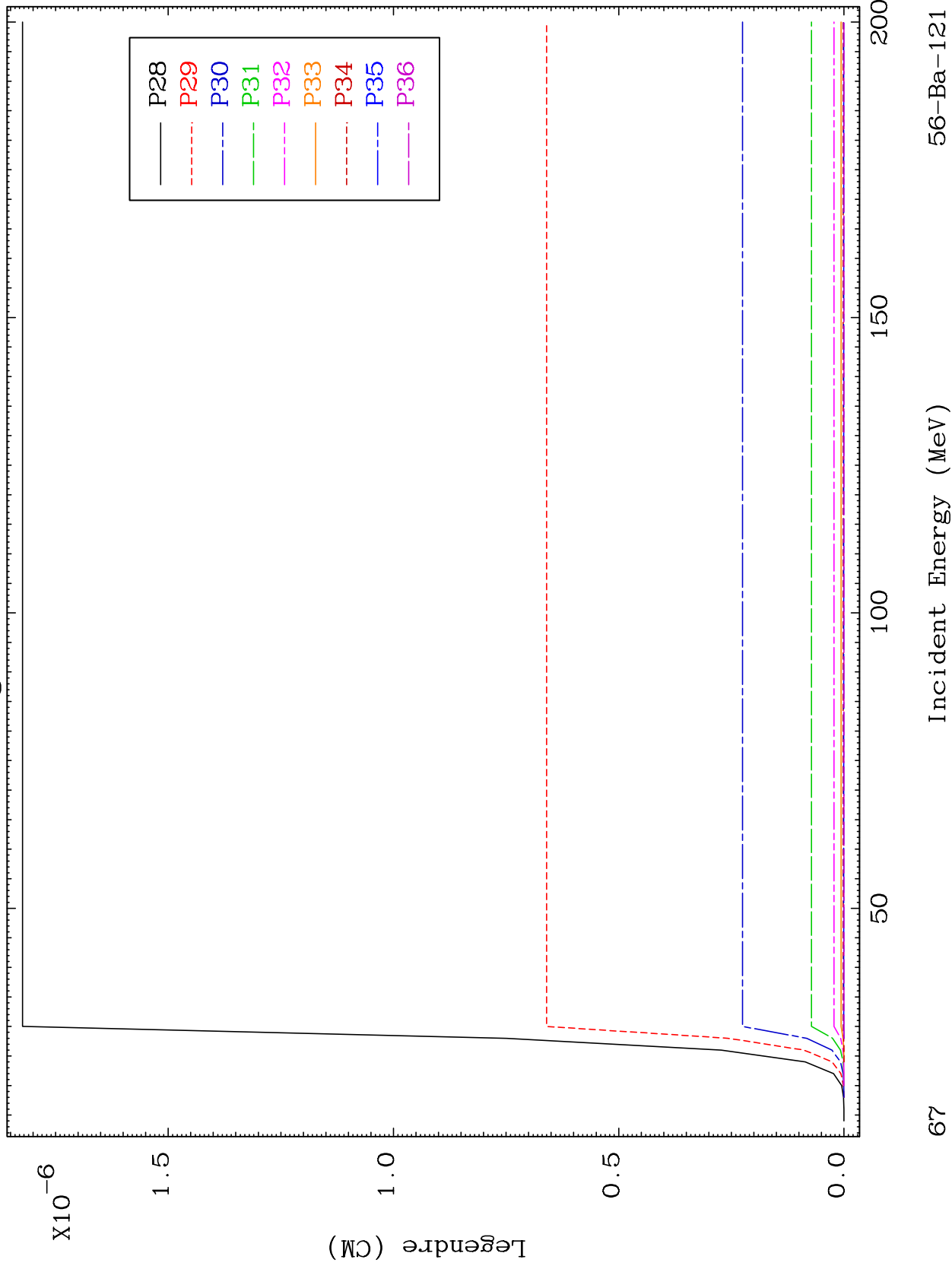
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

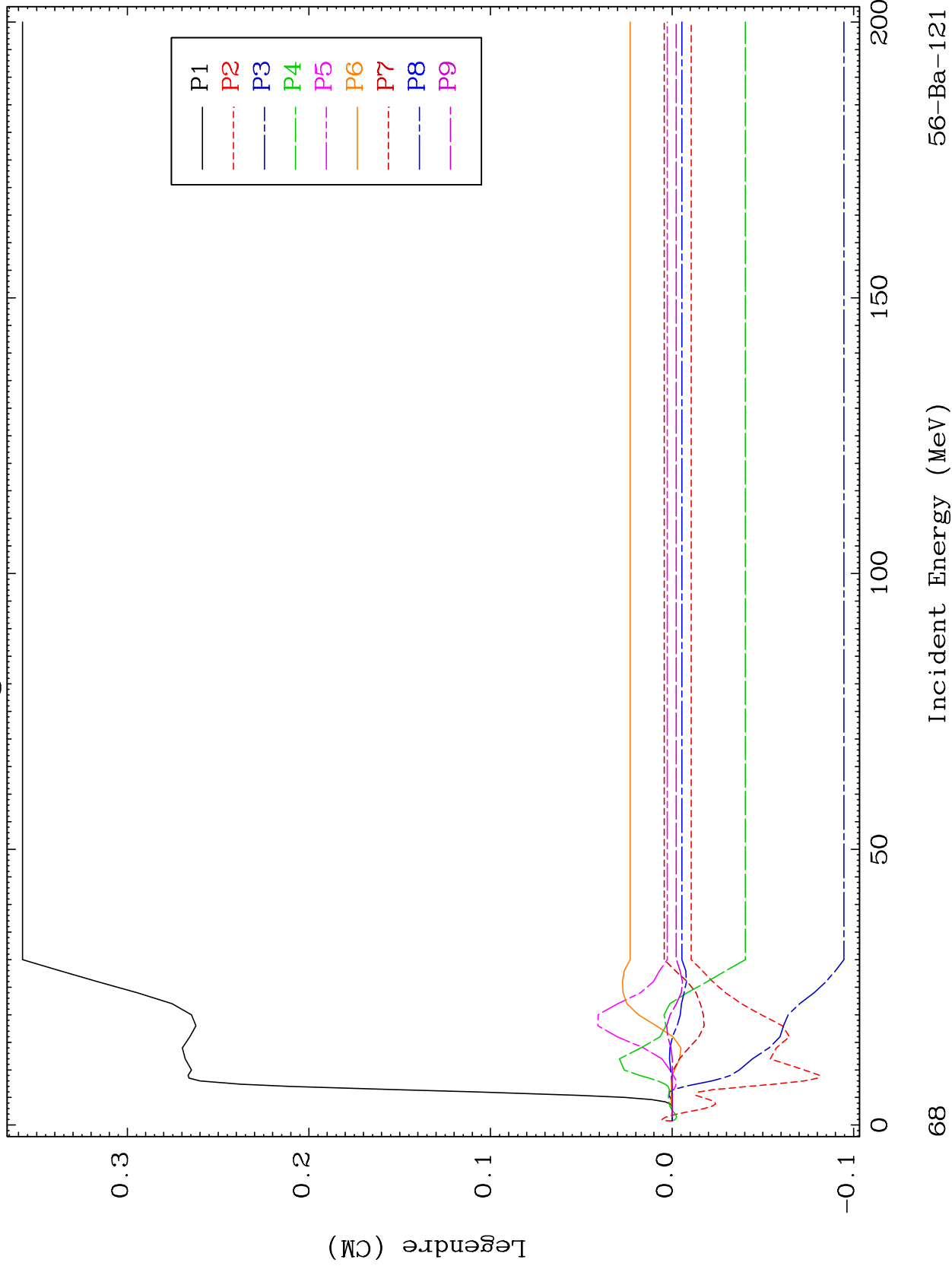
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

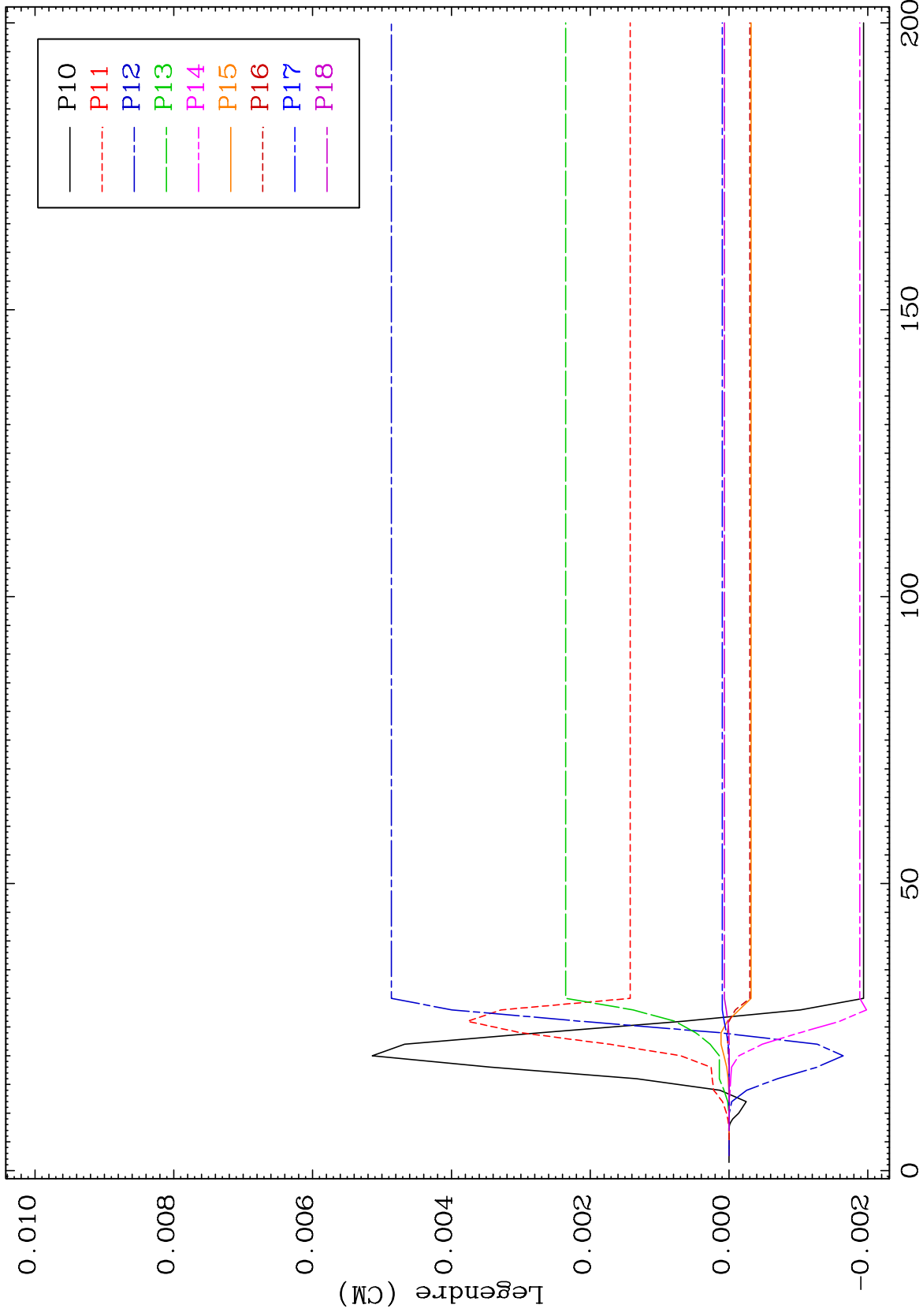
Incident Energy (MeV)

68

MAT 5598

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

56-Ba-121



69

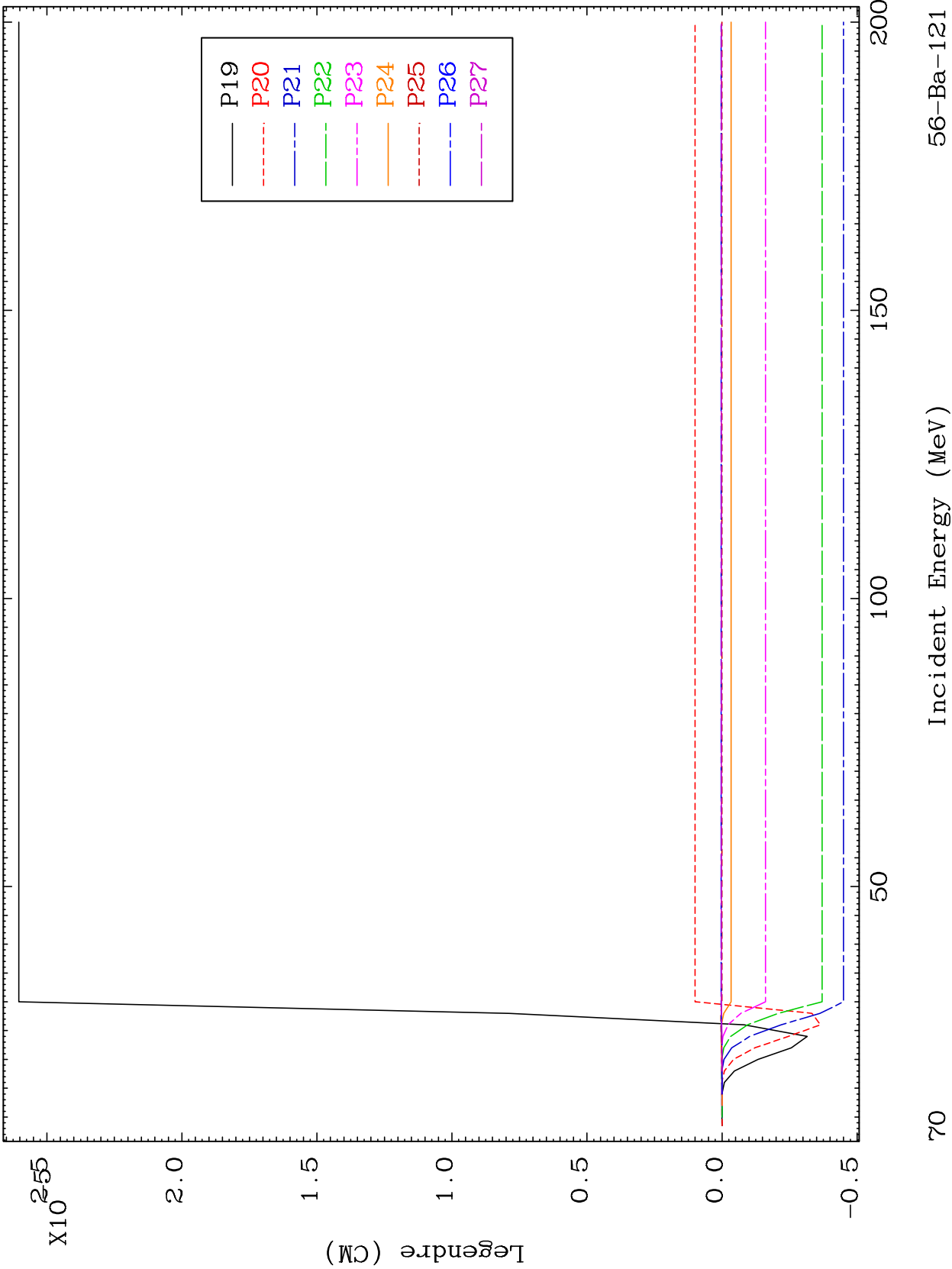
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

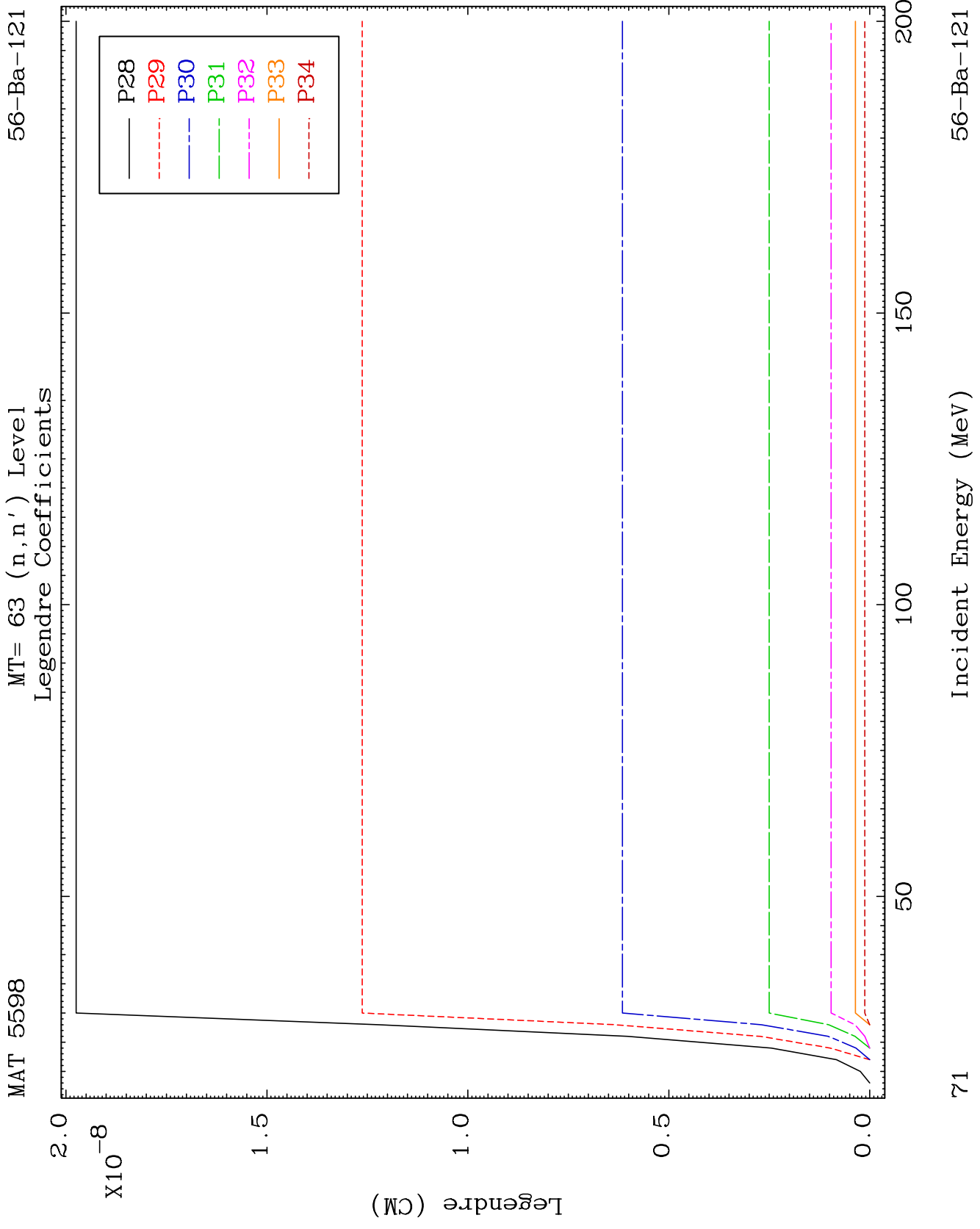
56-Ba-121



70

Incident Energy (MeV)

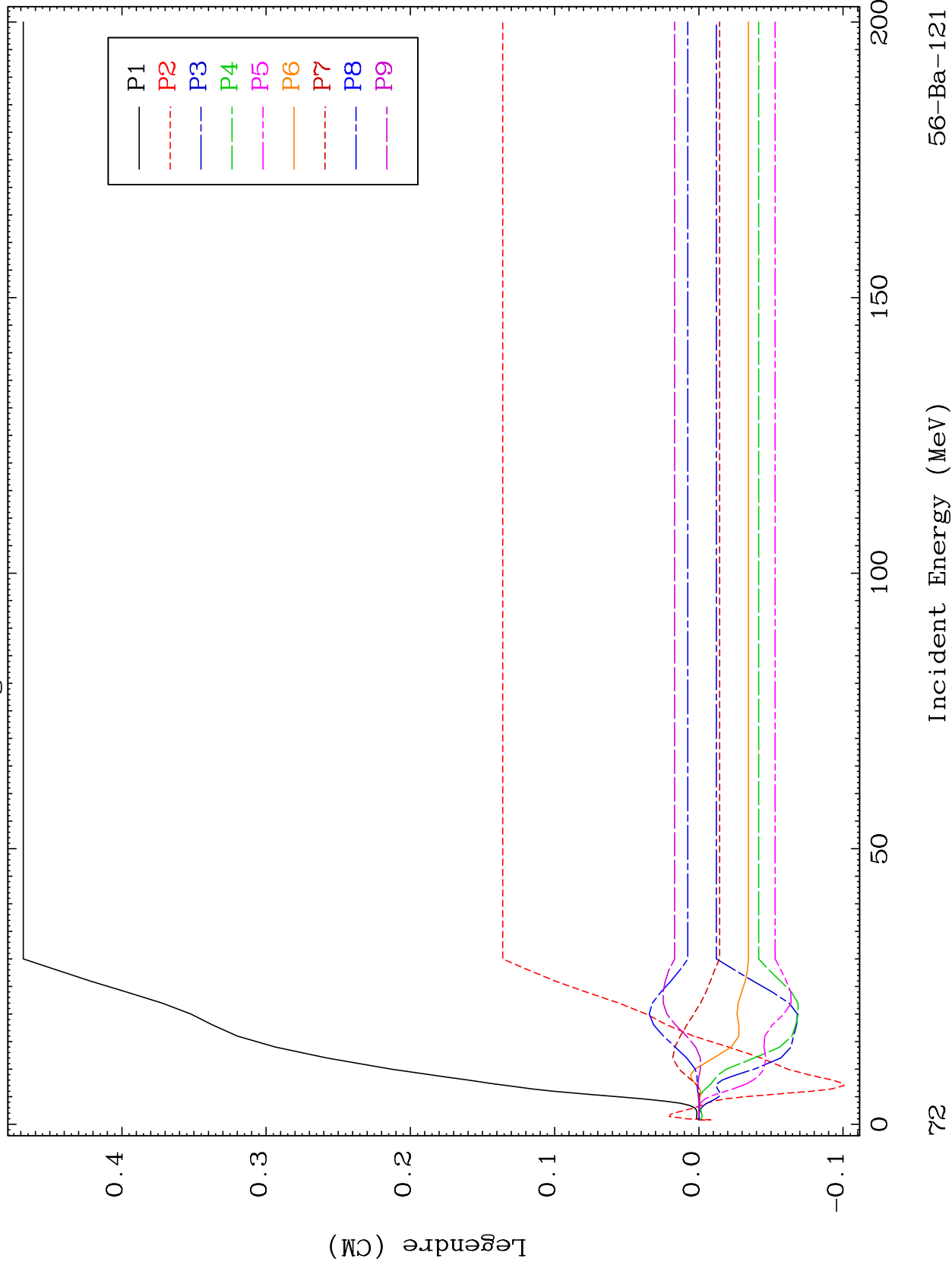
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

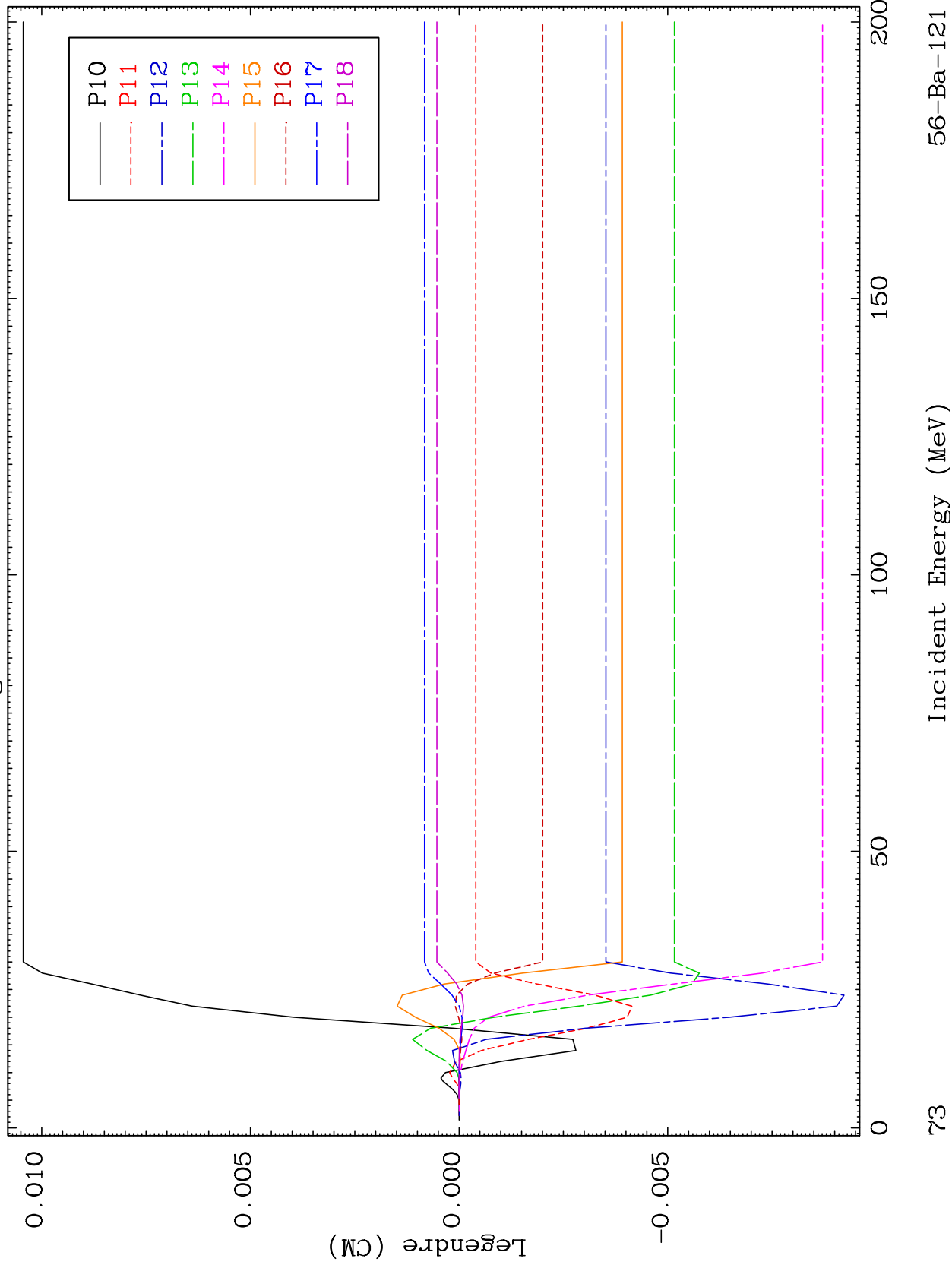
Incident Energy (MeV)

72

MAT 5598

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

56-Ba-121



73

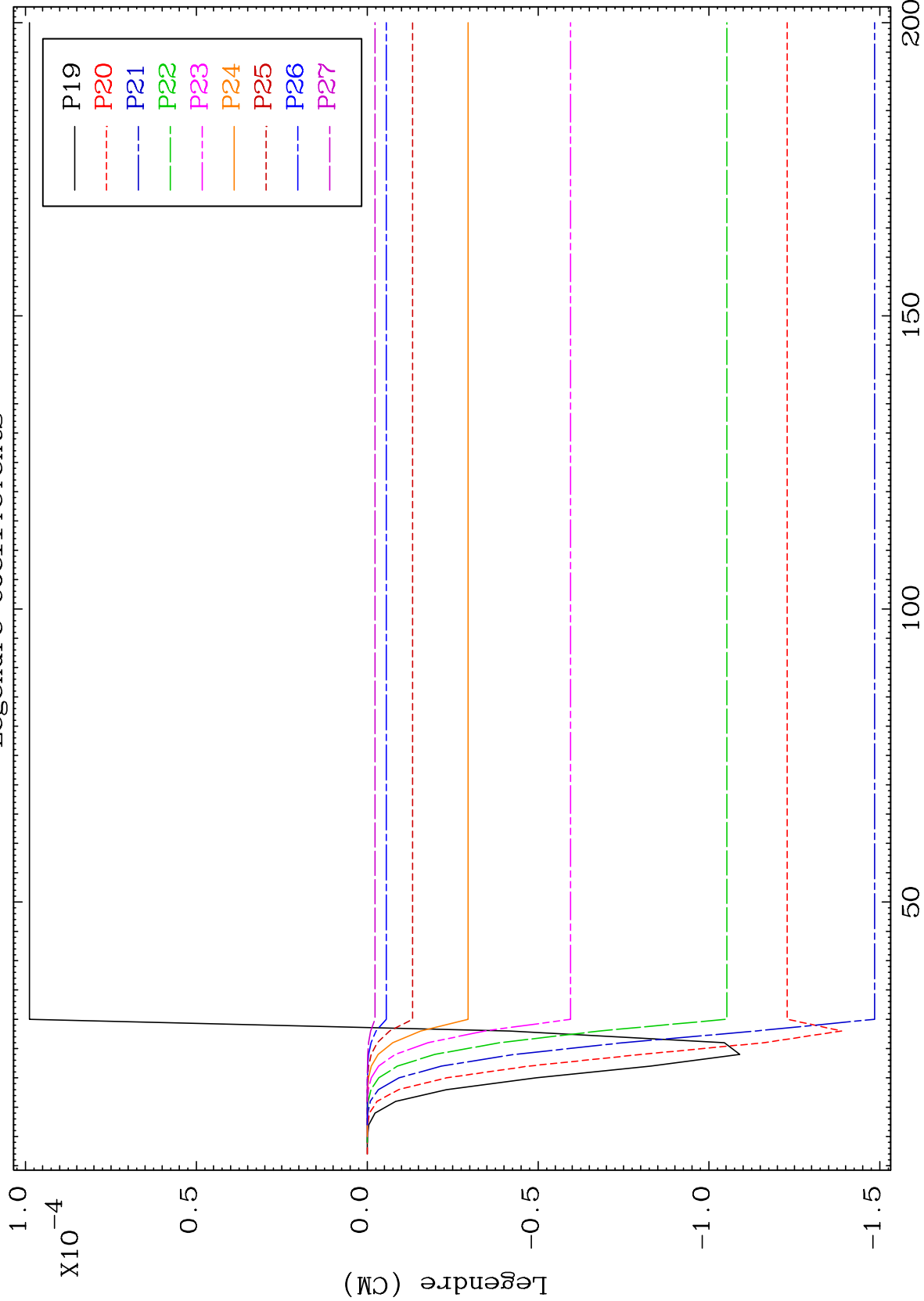
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

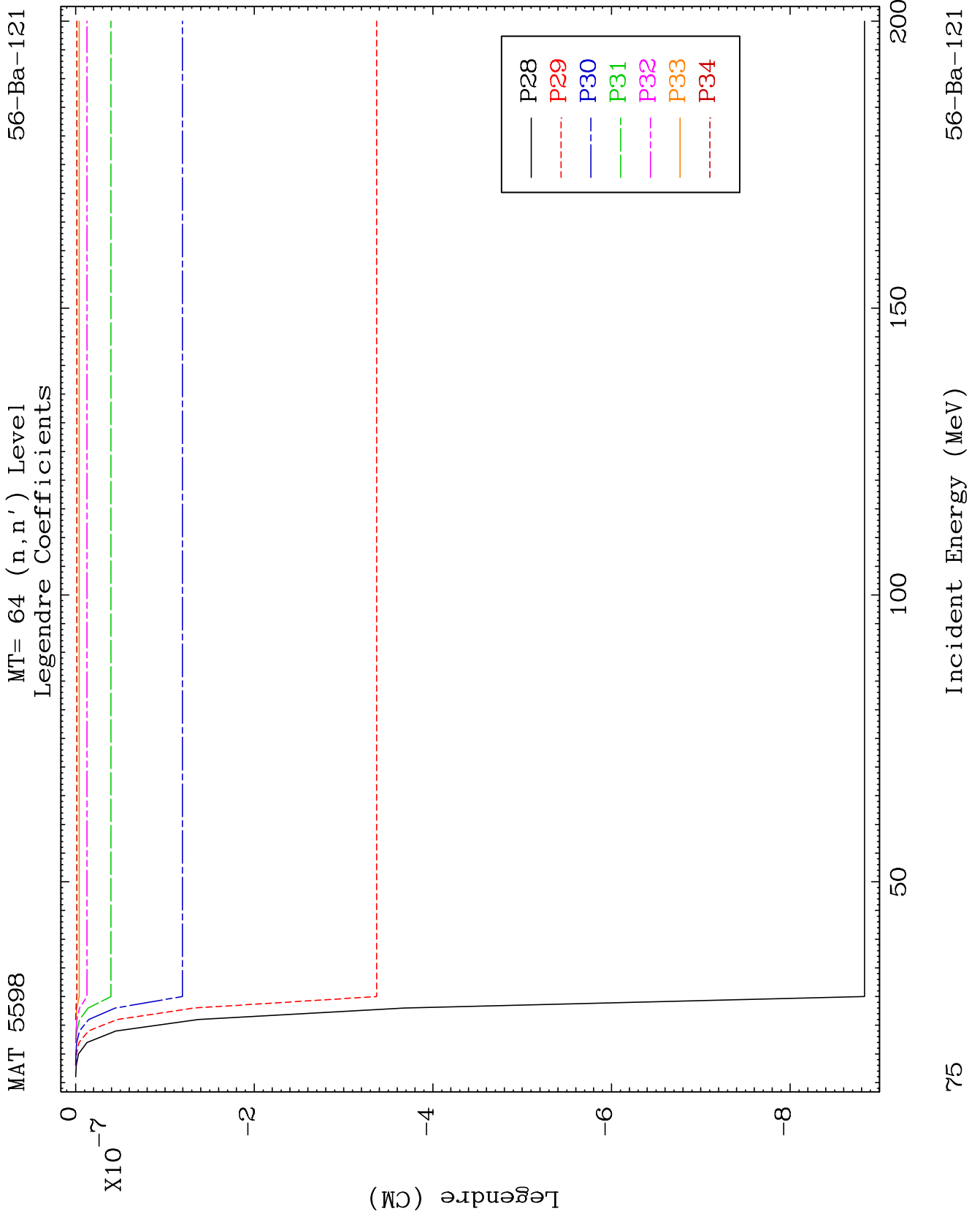
56-Ba-121



74

Incident Energy (MeV)

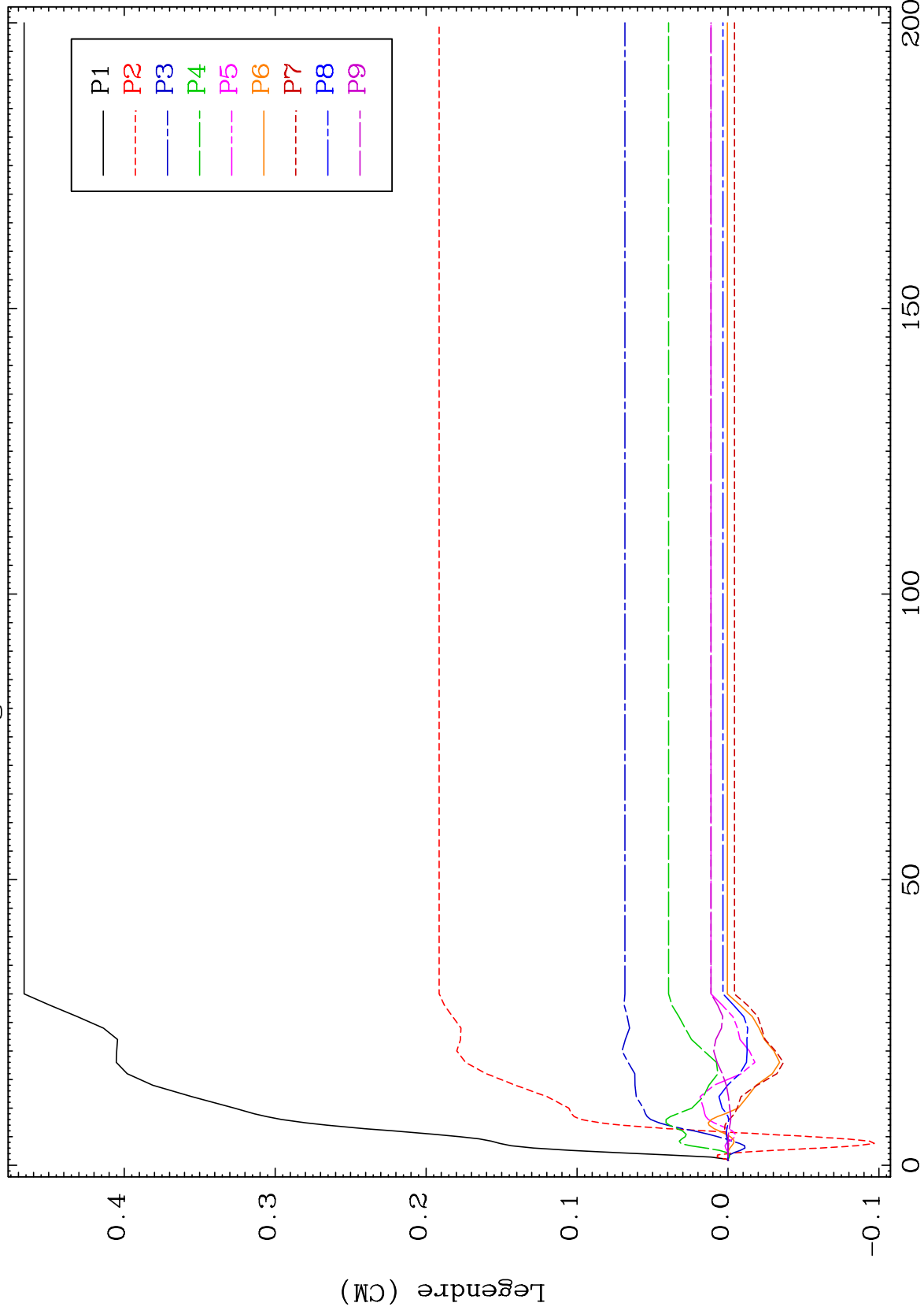
56-Ba-121



MAT 5598

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

56-Ba-121



76

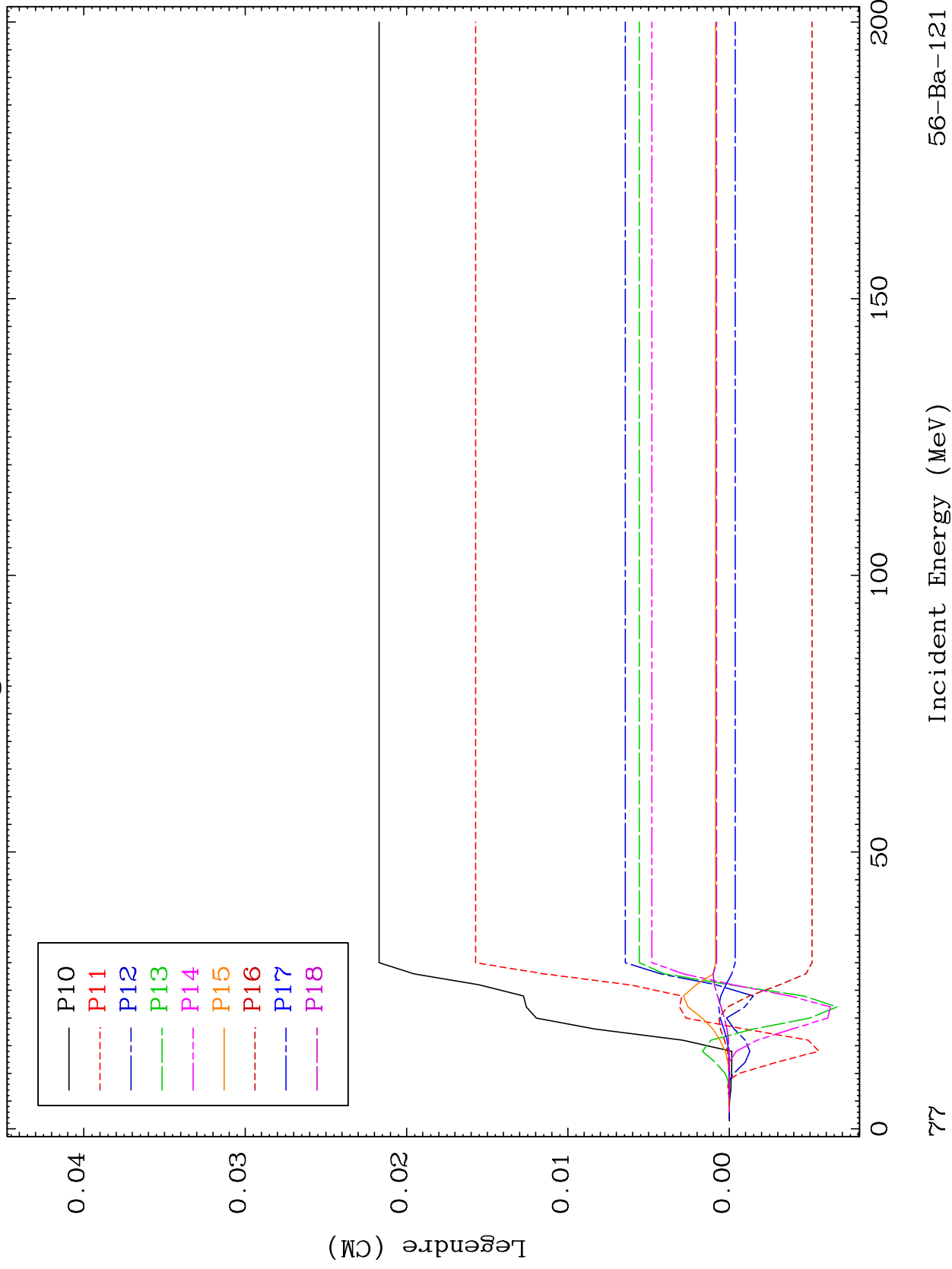
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



77

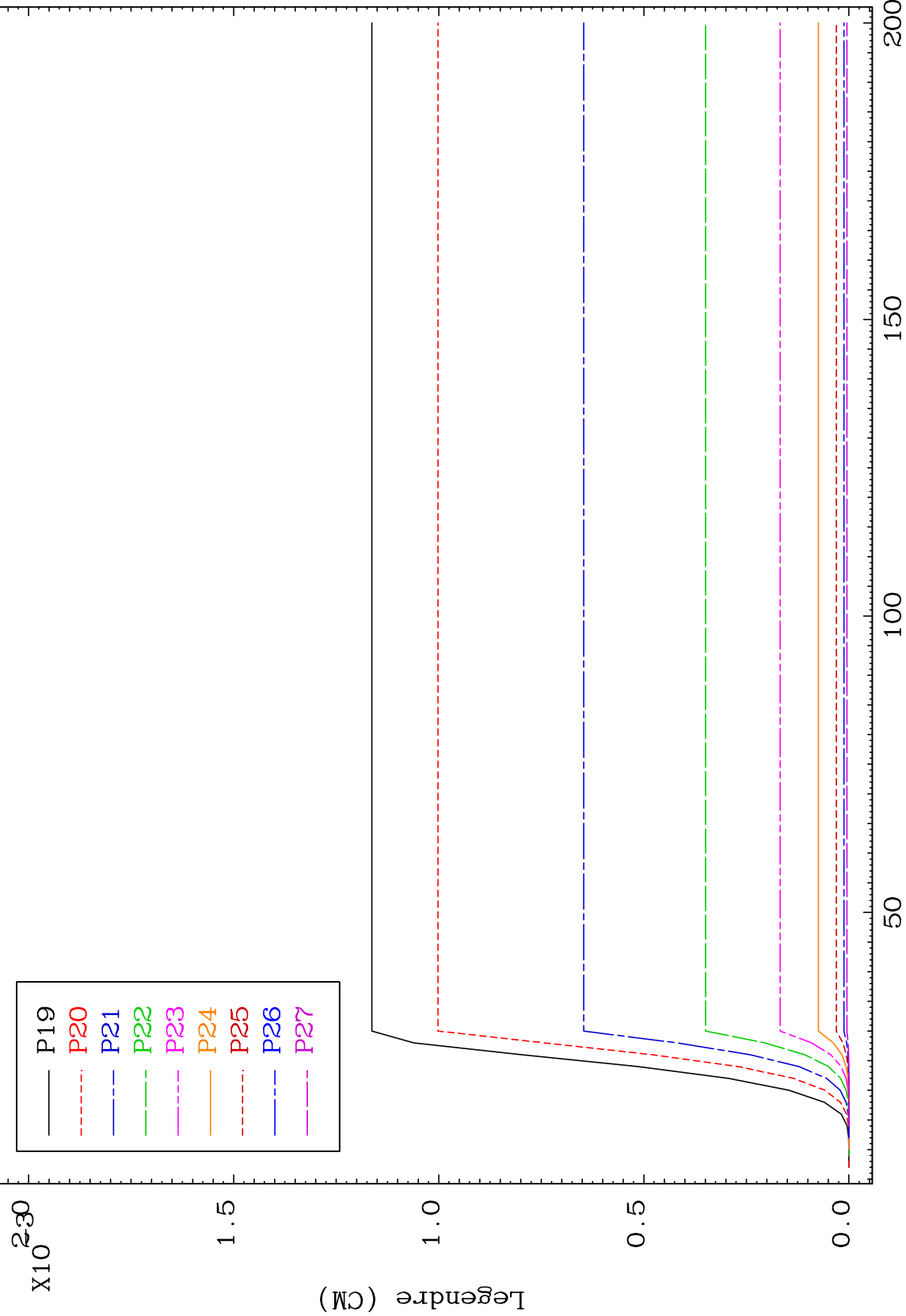
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



78

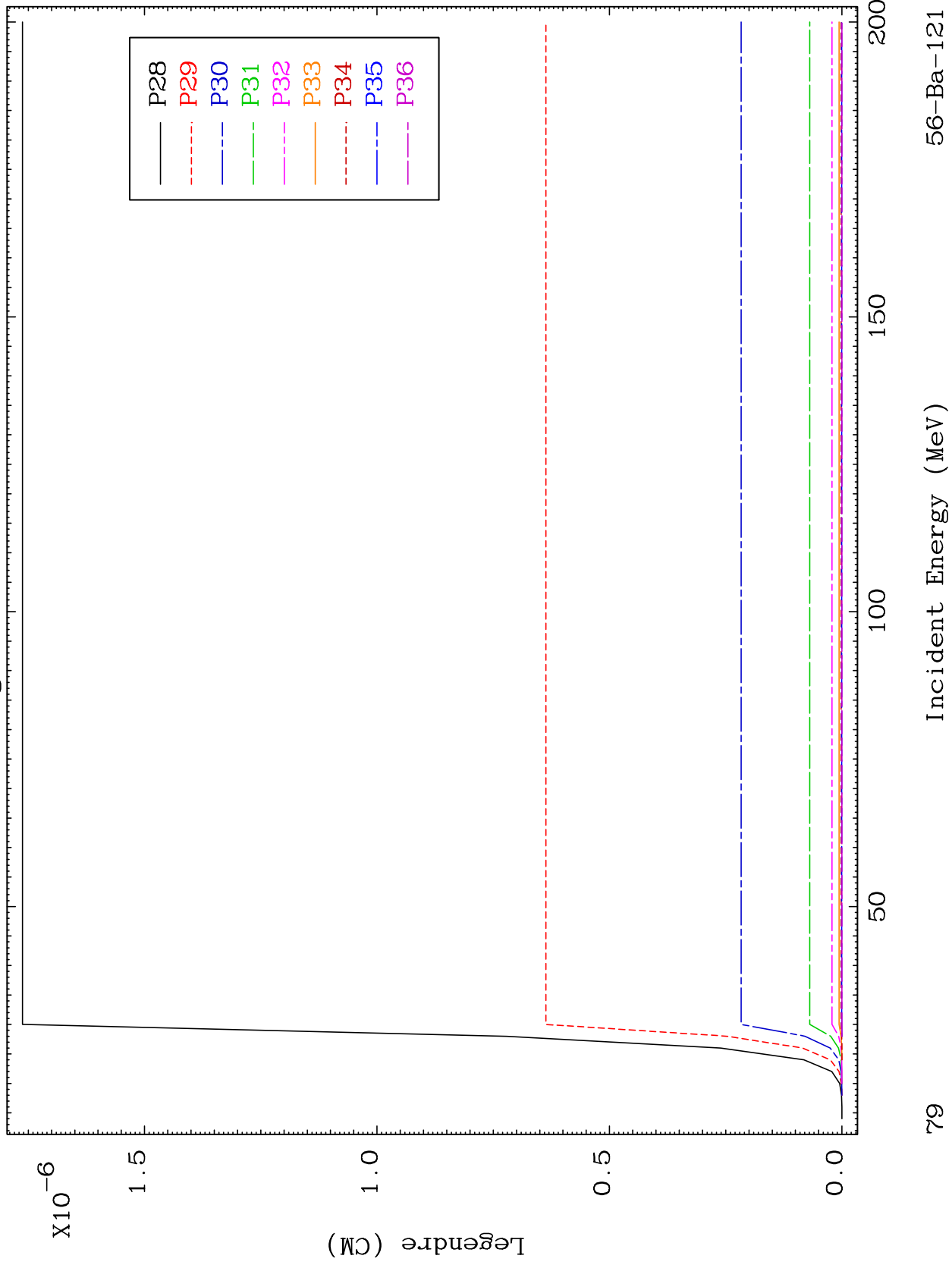
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121

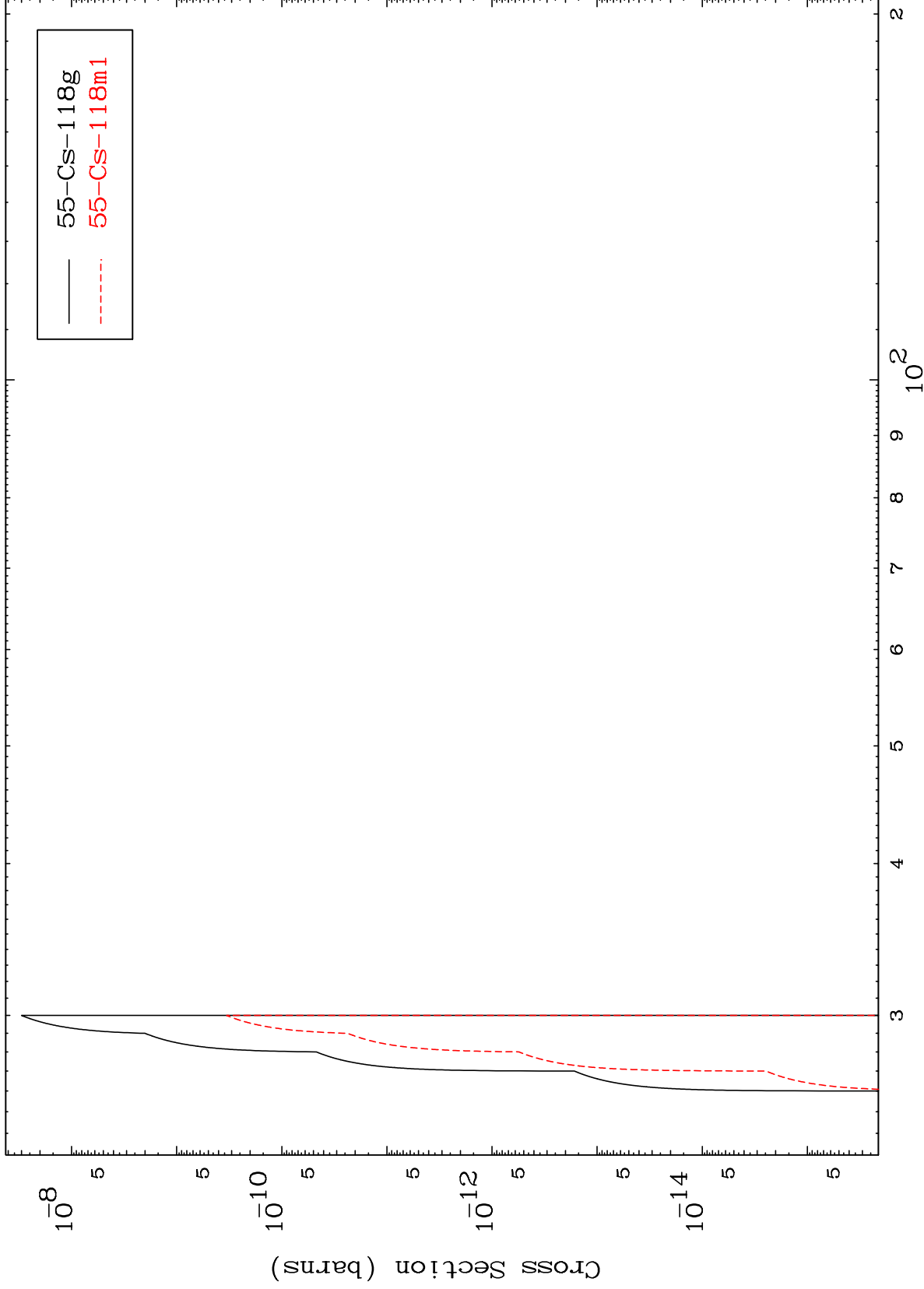


MAT 5598

(n,2n) d

56-Ba-121

Radionuclide Production Cross Section



80

Incident Energy (MeV)

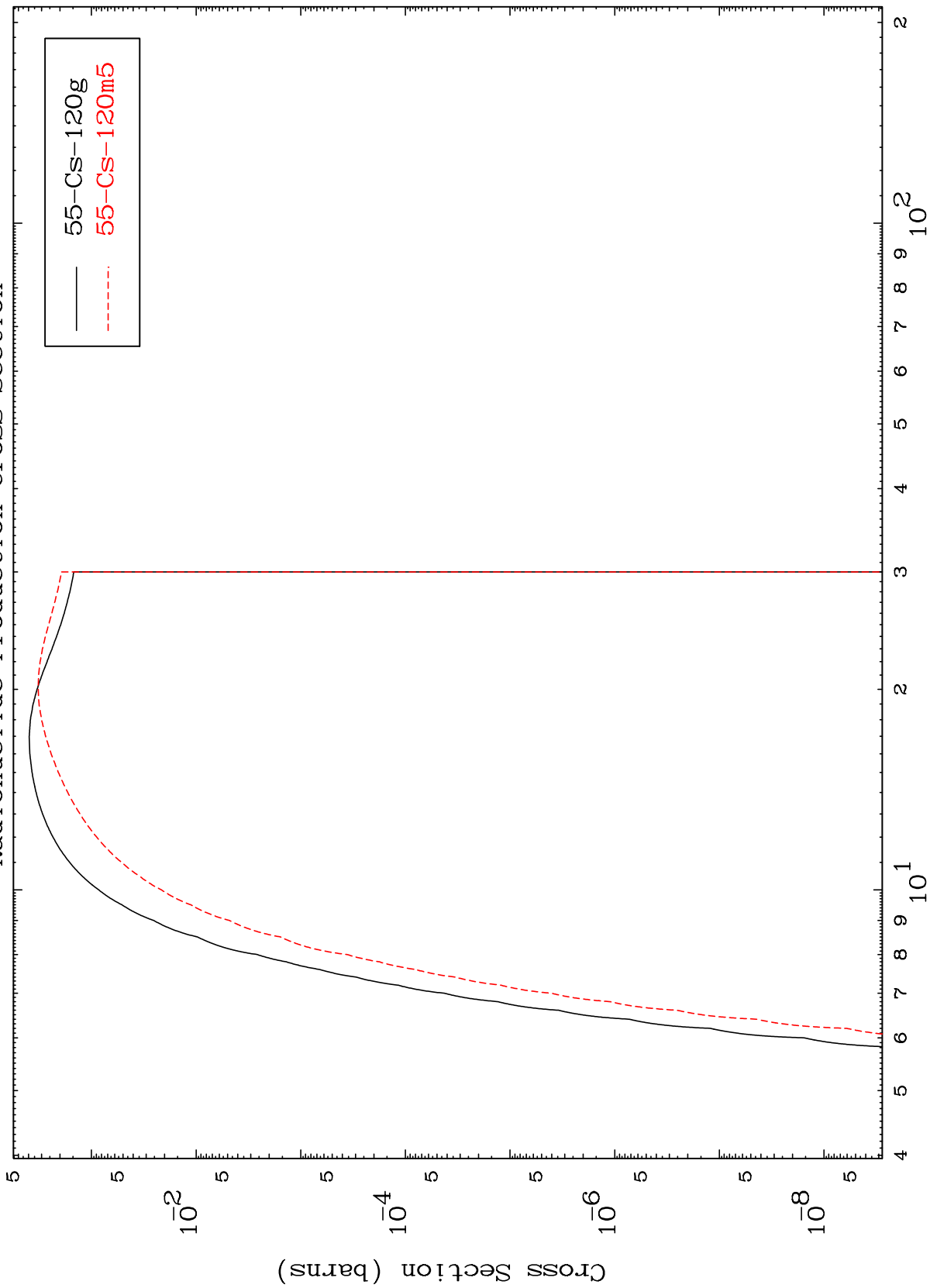
56-Ba-121

MAT 5598

(n,n') p

56-Ba-121

Radionuclide Production Cross Section

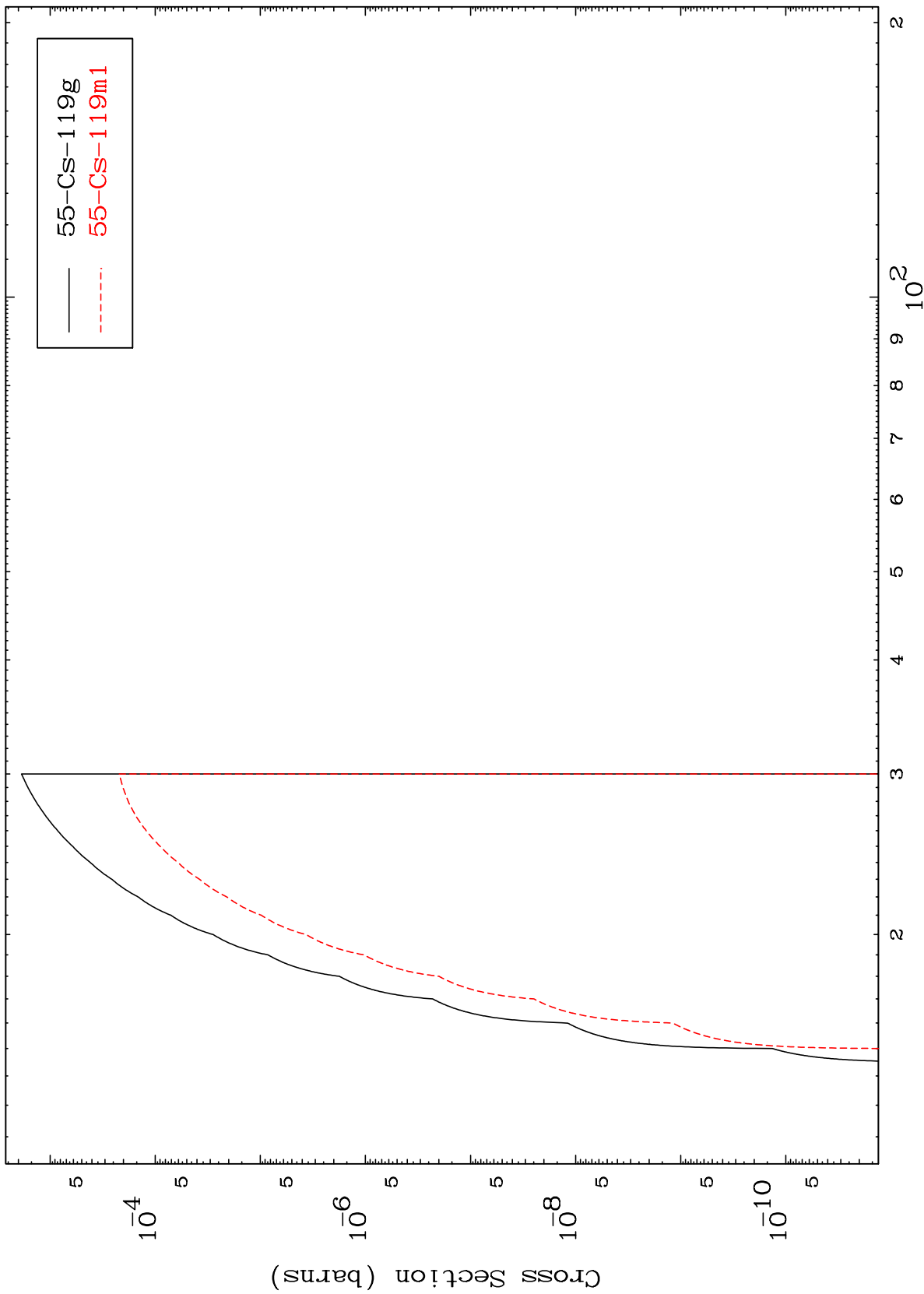


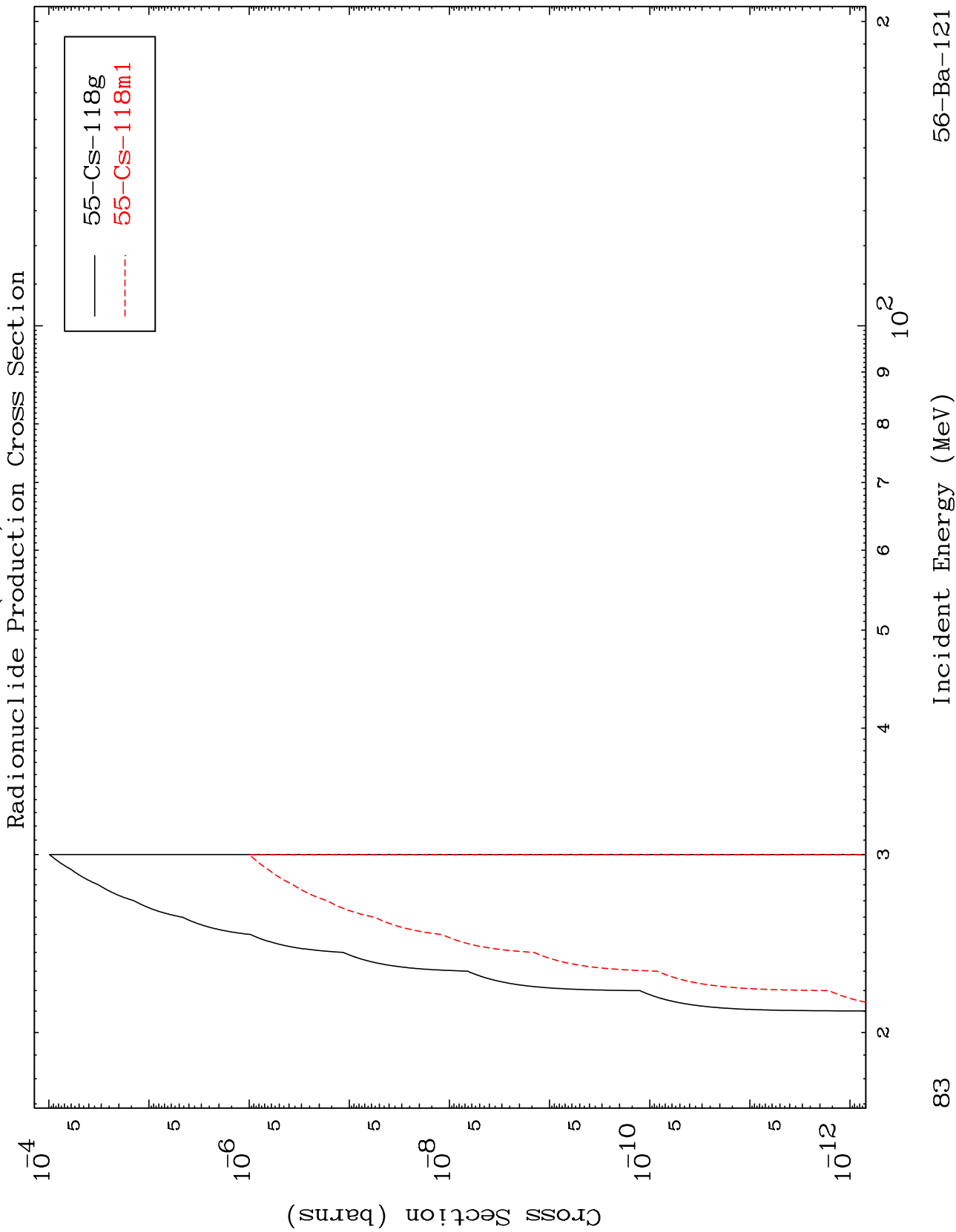
81

Incident Energy (MeV)

56-Ba-121

Radionuclide Production Cross Section



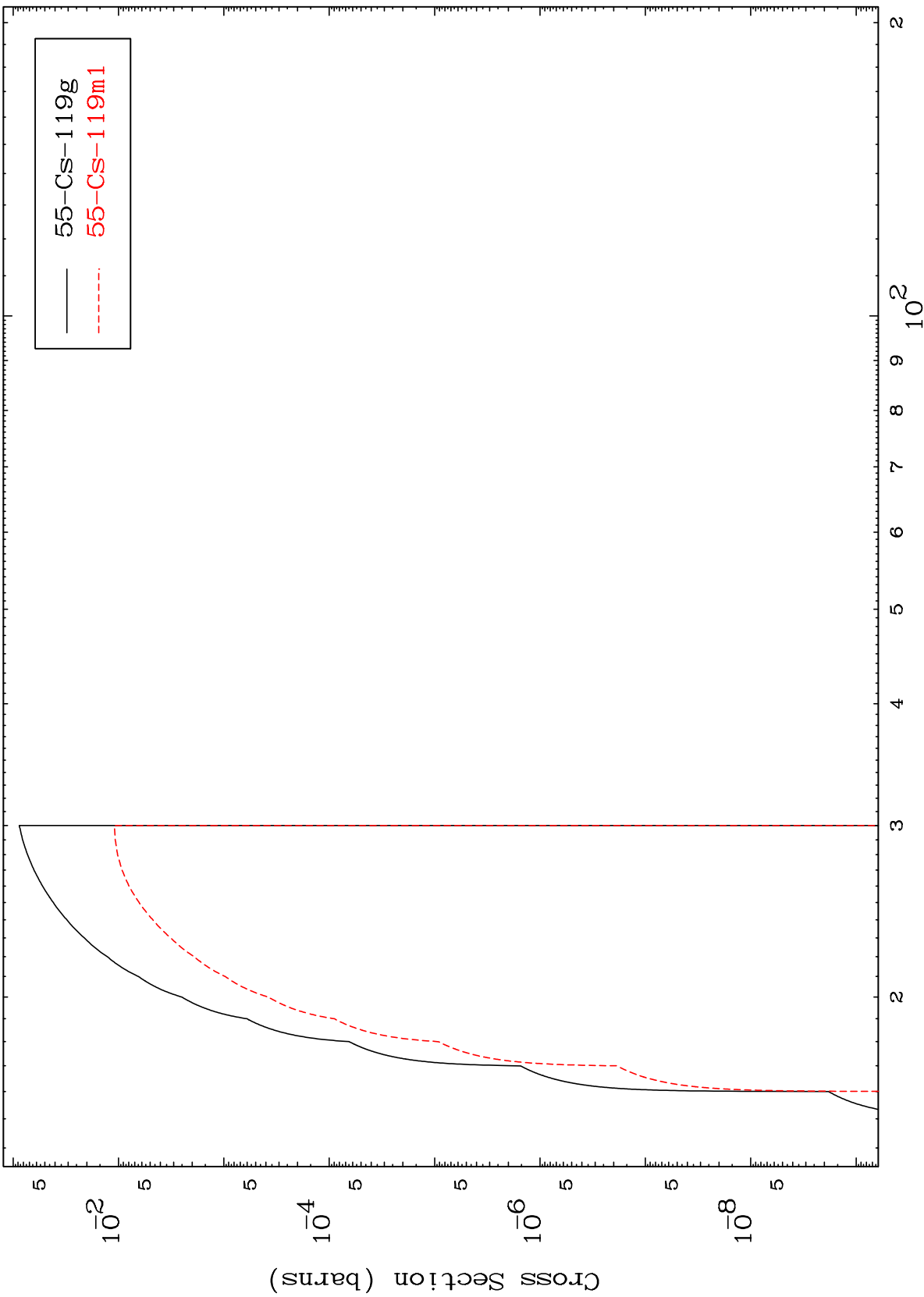


MAT 5598

(n,2n) p

56-Ba-121

Radionuclide Production Cross Section



55-Cs-119g
55-Cs-119m1

84

Incident Energy (MeV)

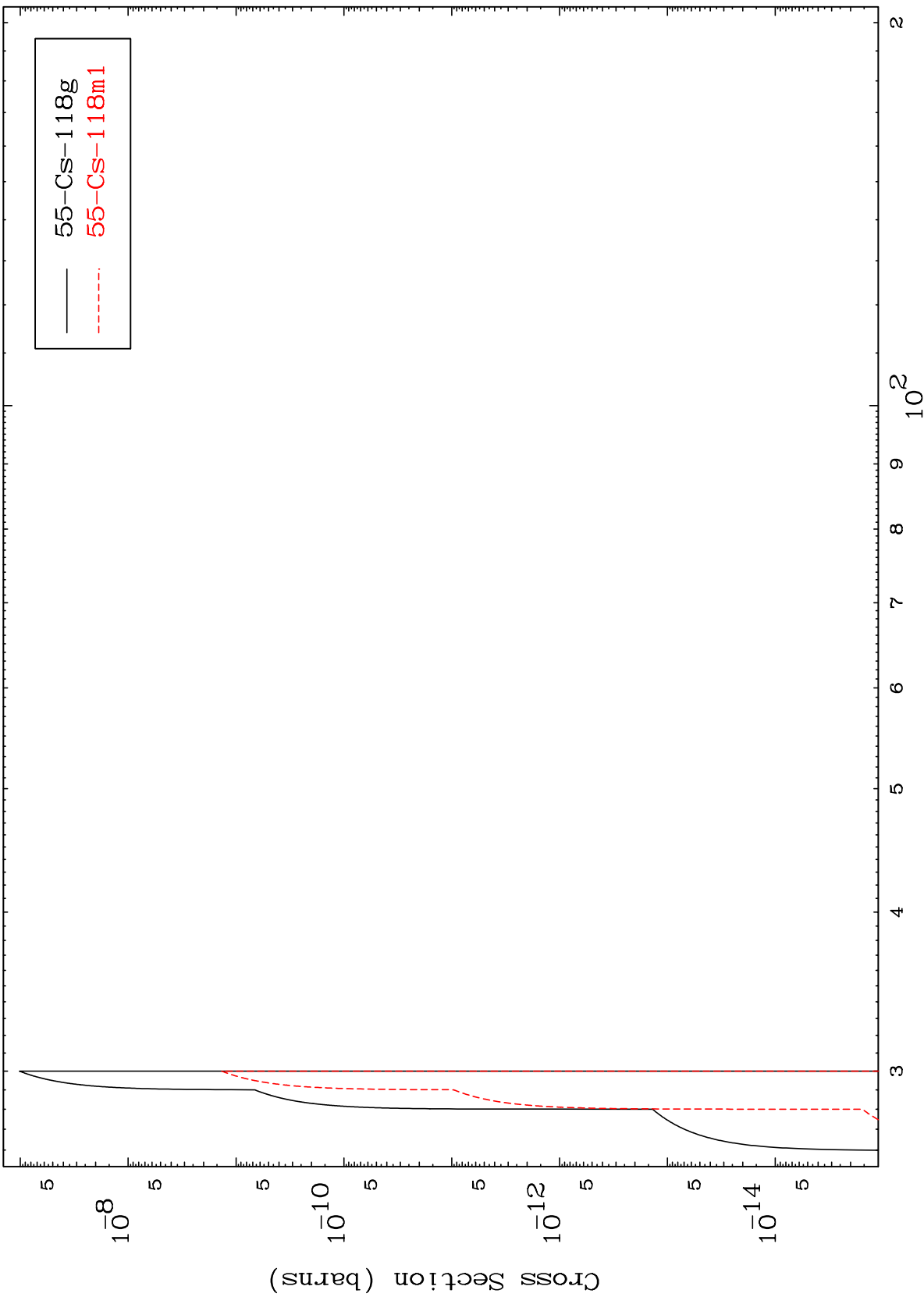
56-Ba-121

MAT 5598

(n,3n) p

56-Ba-121

Radionuclide Production Cross Section



85

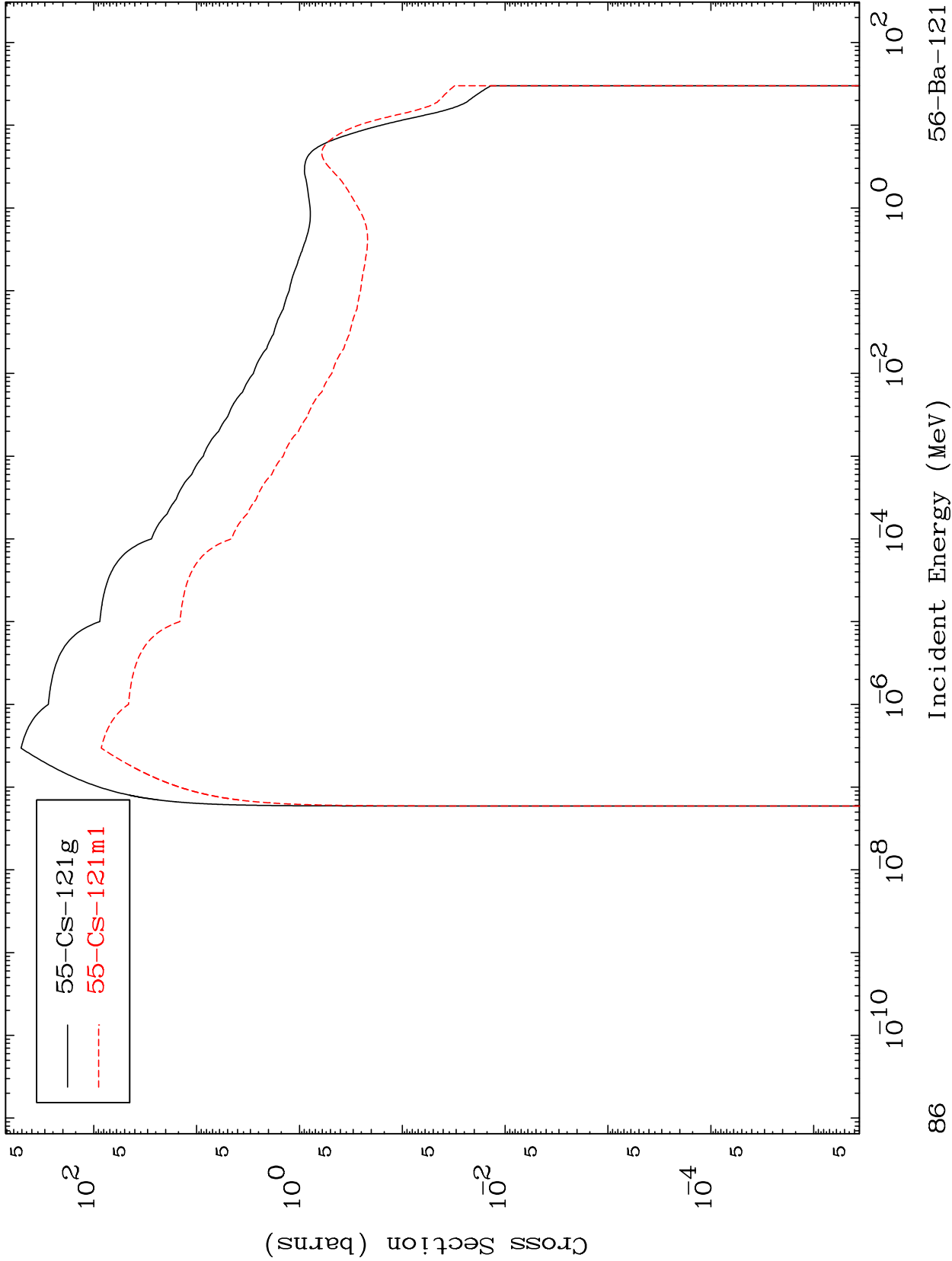
Incident Energy (MeV)

56-Ba-121

MAT 5598

56-Ba-121

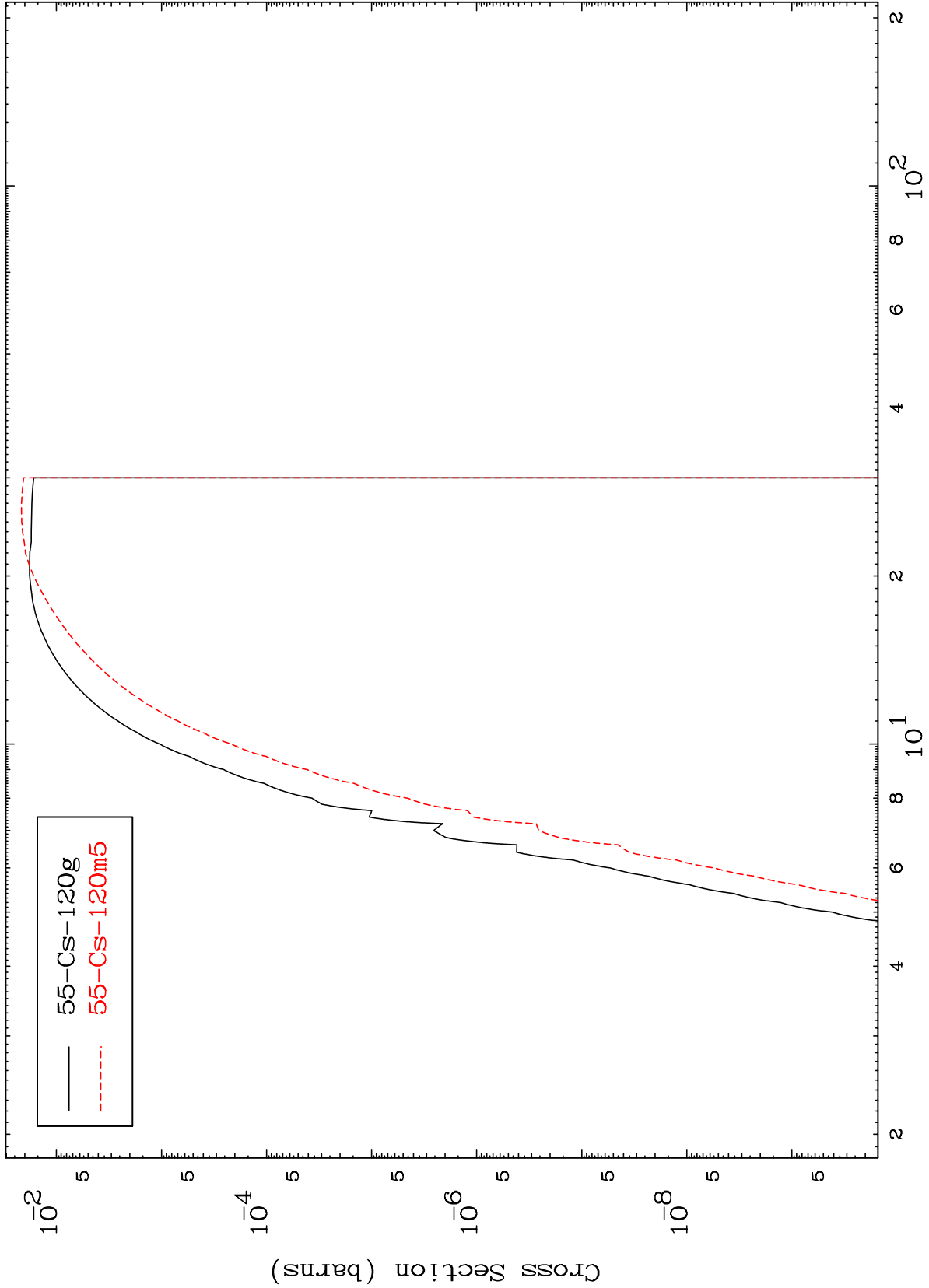
(n,p)
Radionuclide Production Cross Section



MAT 5598

56-Ba-121

(n,d)
Radionuclide Production Cross Section



87

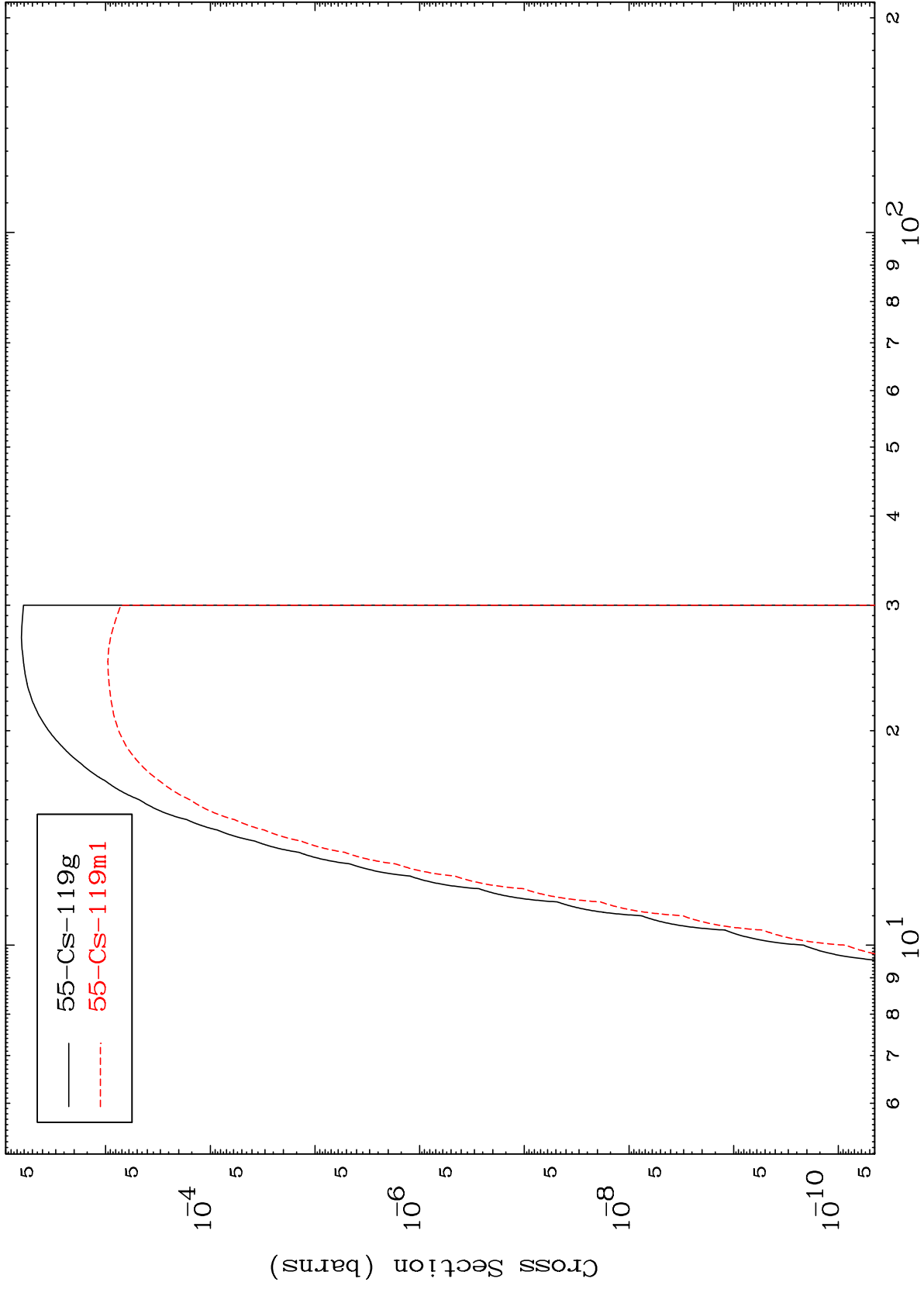
56-Ba-121

Incident Energy (MeV)

MAT 5598

56-Ba-121

(n, t)
Radionuclide Production Cross Section



88

Incident Energy (MeV)

56-Ba-121