

Program EVALPLOT  
(Version 2021-1)

by

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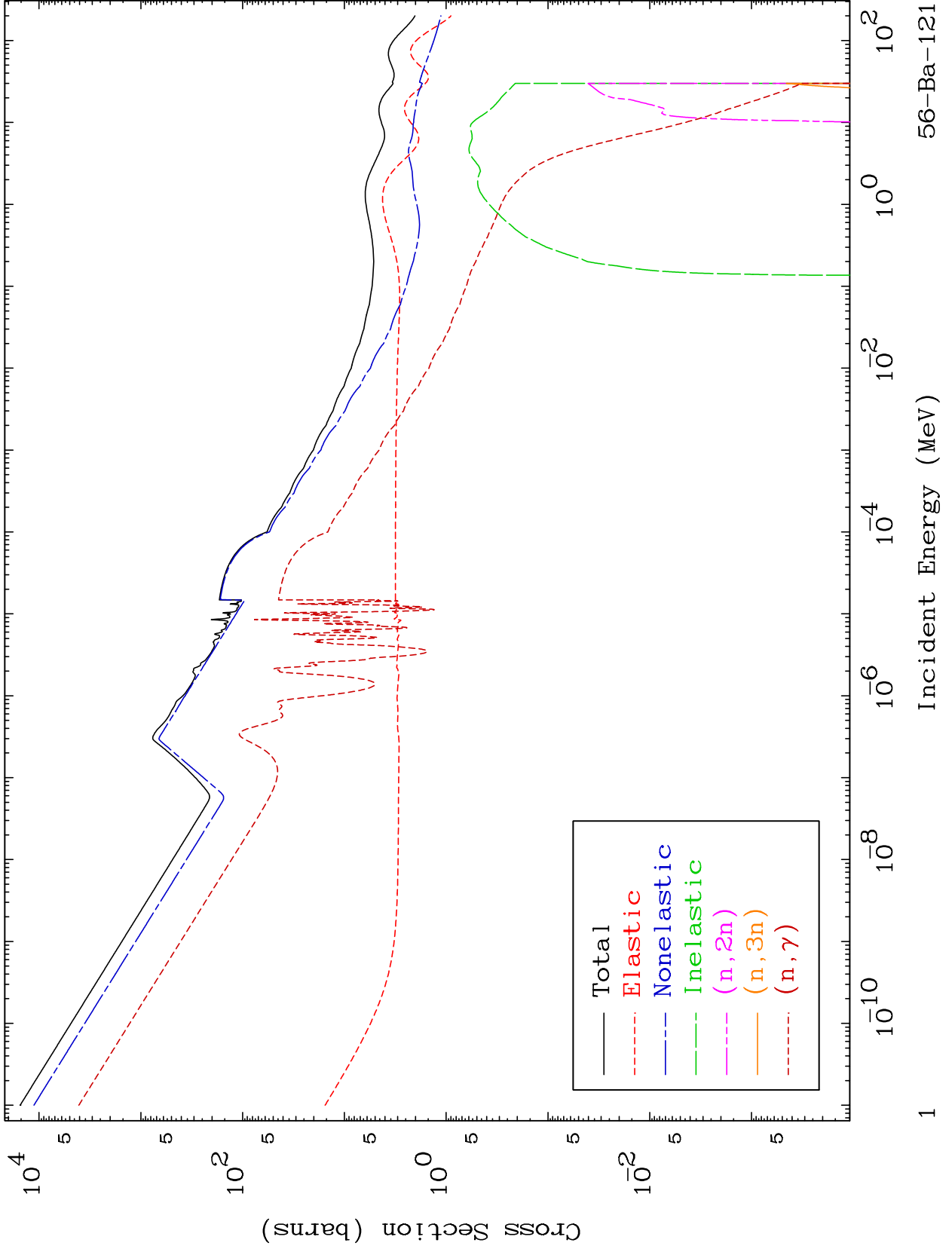
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5598

Neutron Major  
293 Kelvin Cross Sections

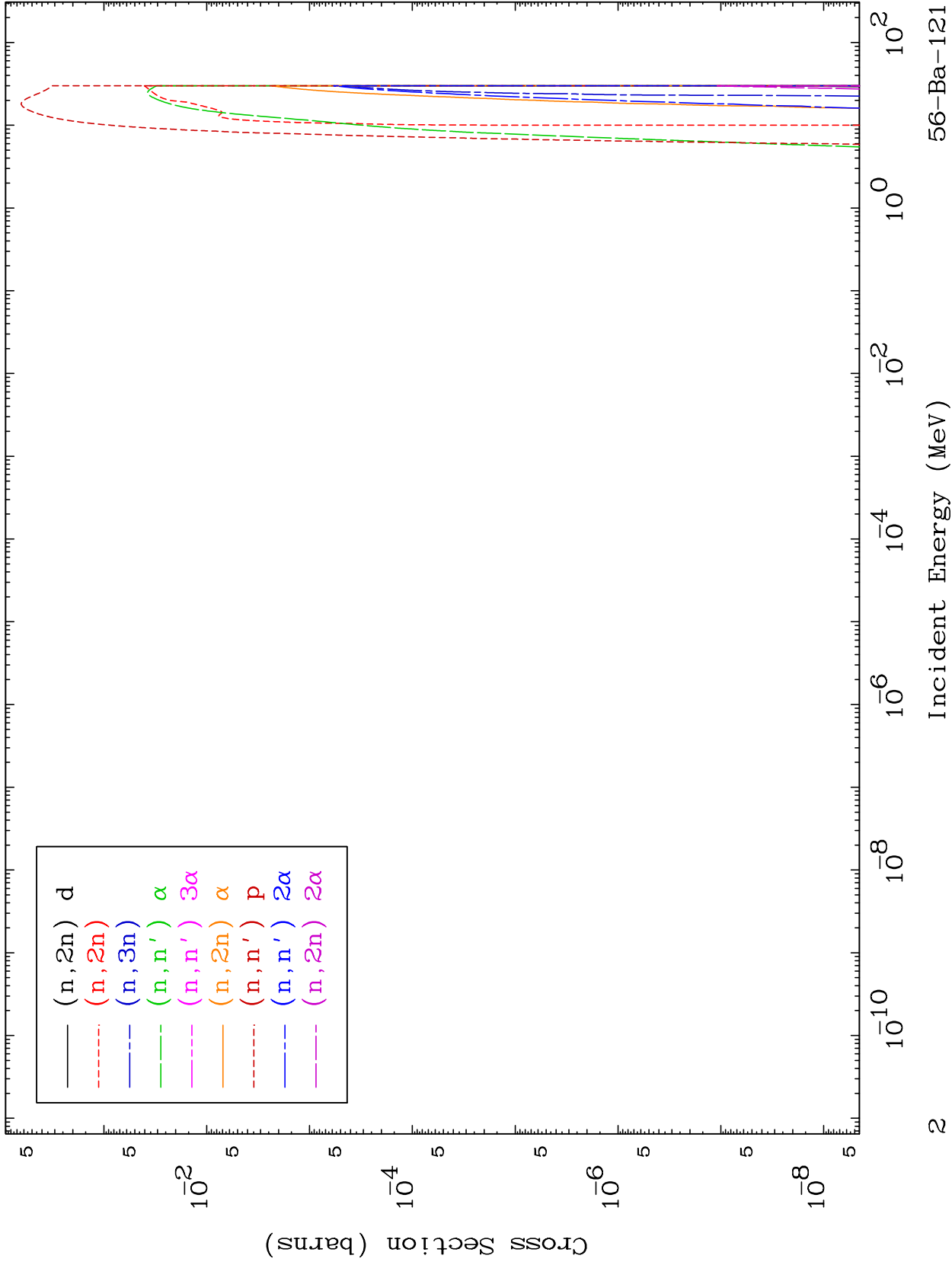
56-Ba-121



MAT 5598

Neutron Absorption  
293 Kelvin Cross Sections

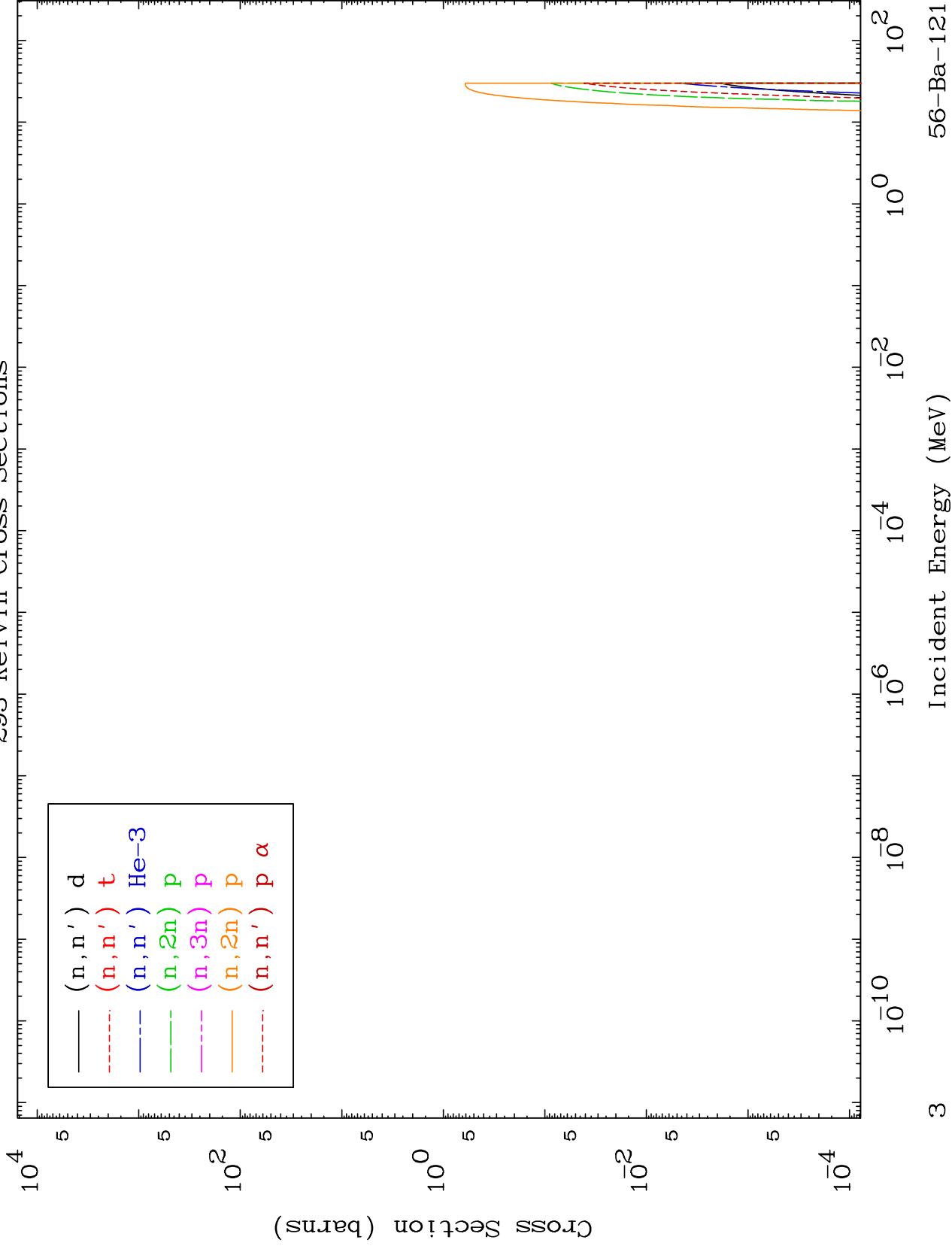
56-Ba-121



MAT 5598

Neutron Absorption  
293 Kelvin Cross Sections

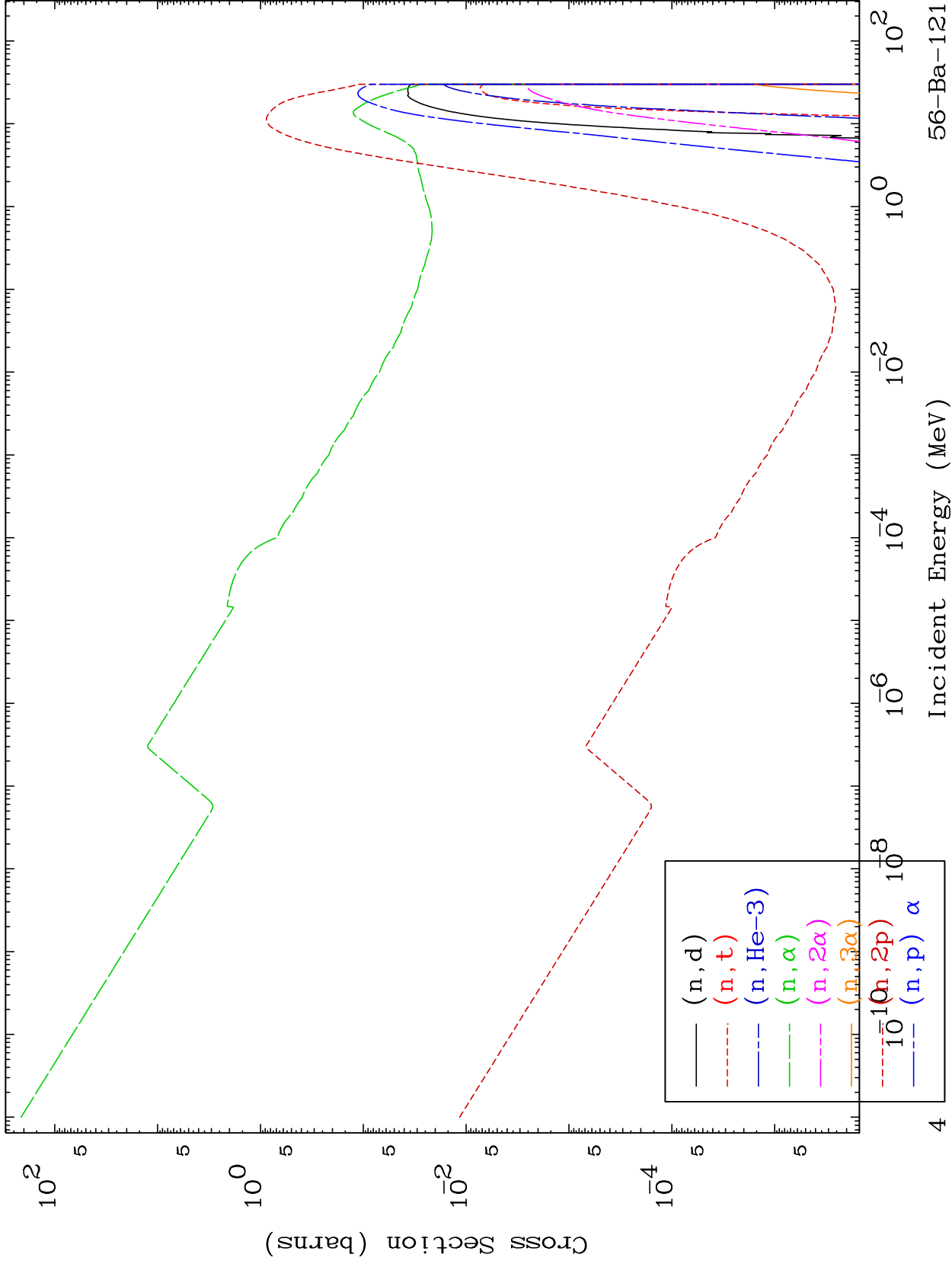
56-Ba-121



MAT 5598

Neutron Absorption  
293 Kelvin Cross Sections

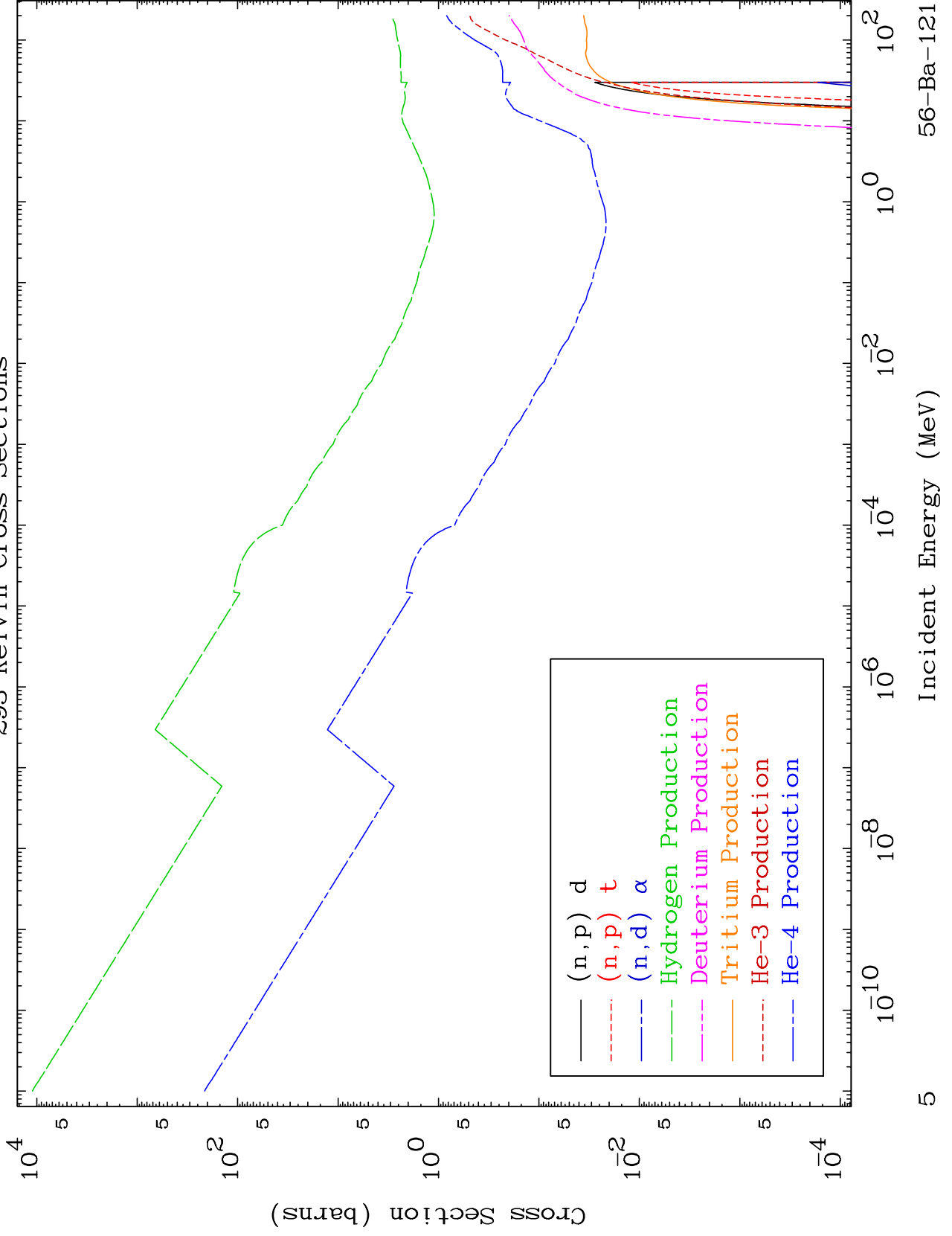
56-Ba-121



MAT 5598

Neutron Absorption  
293 Kelvin Cross Sections

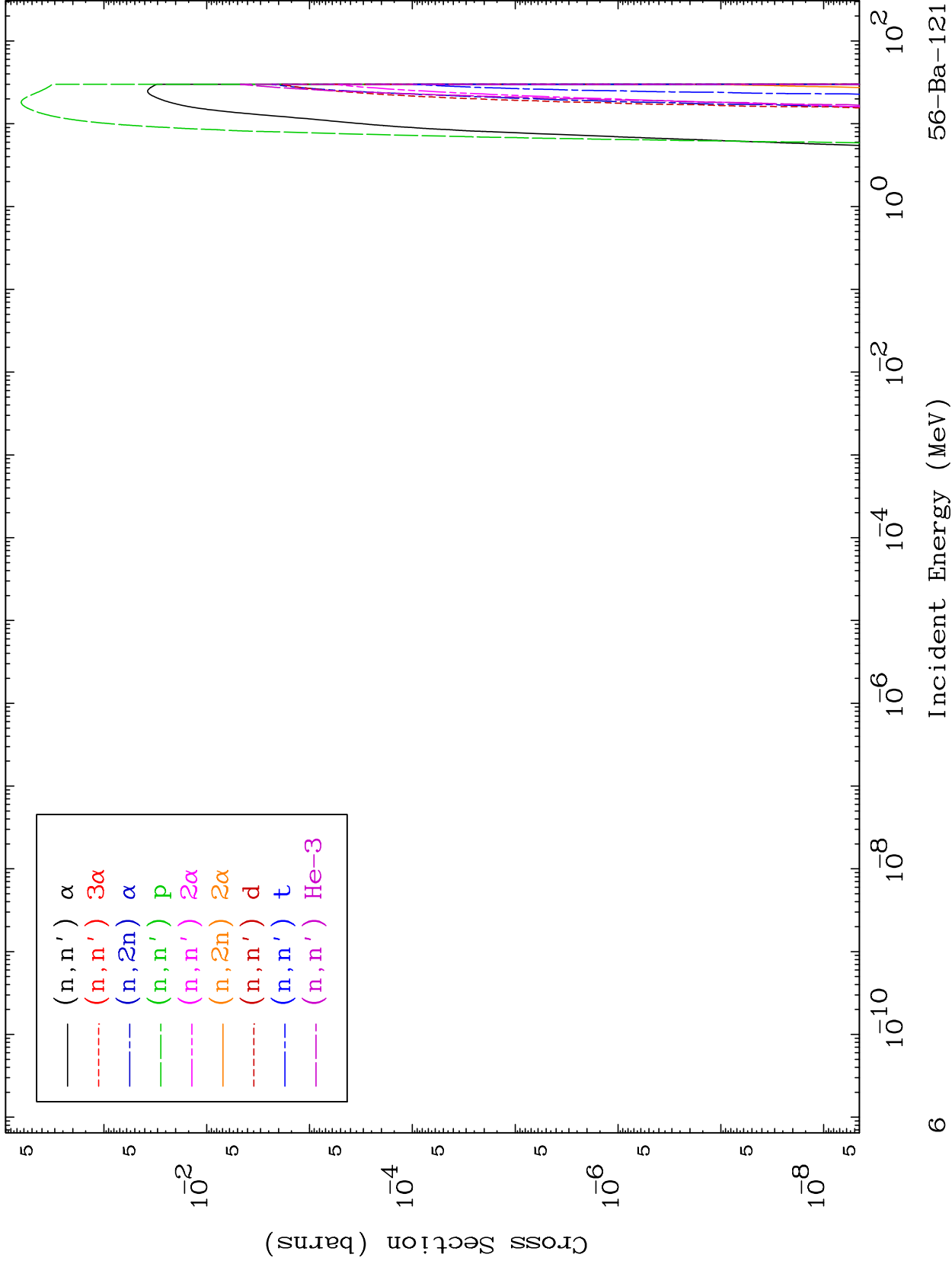
56-Ba-121



MAT 5598

Charged Particle  
293 Kelvin Cross Sections

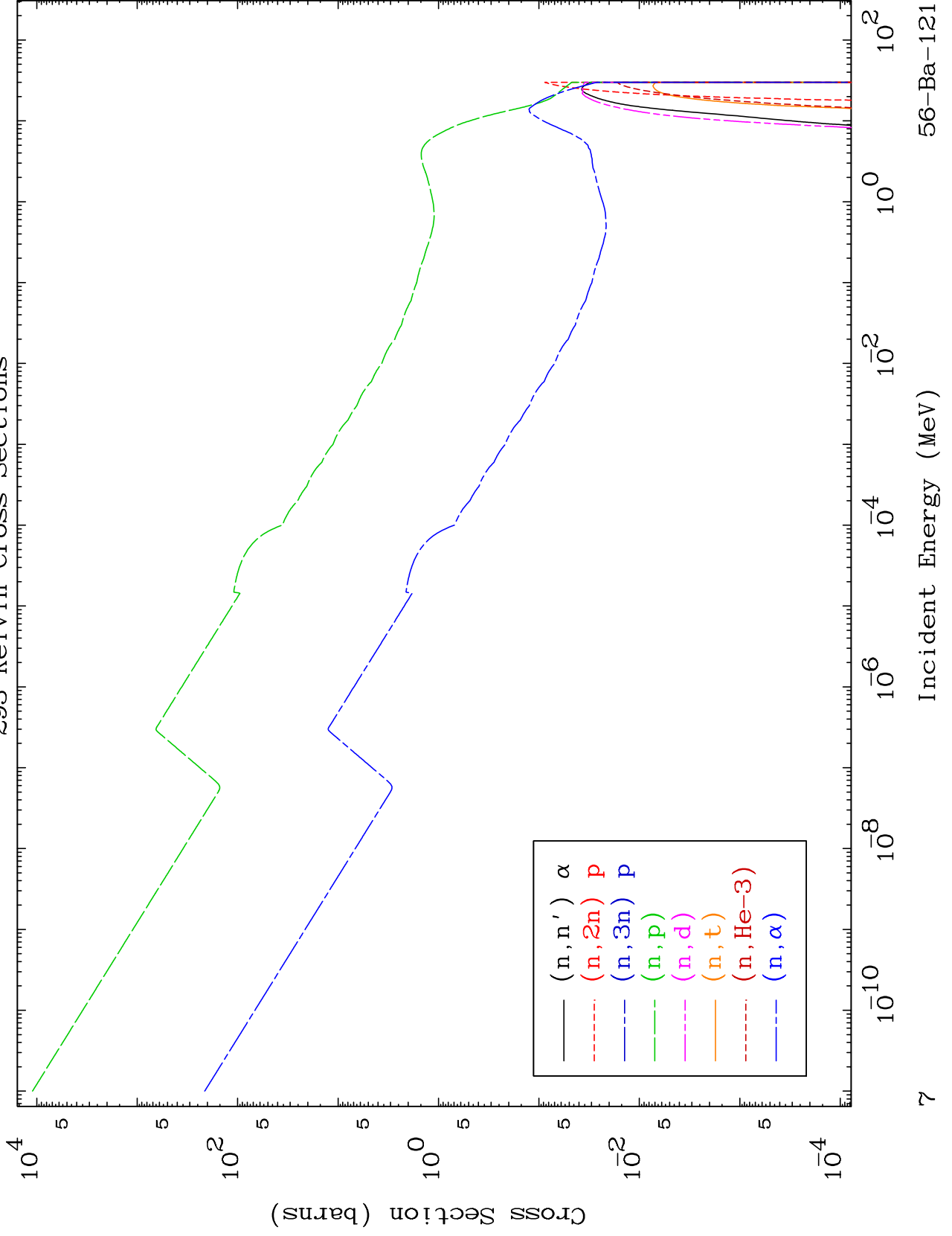
56-Ba-121



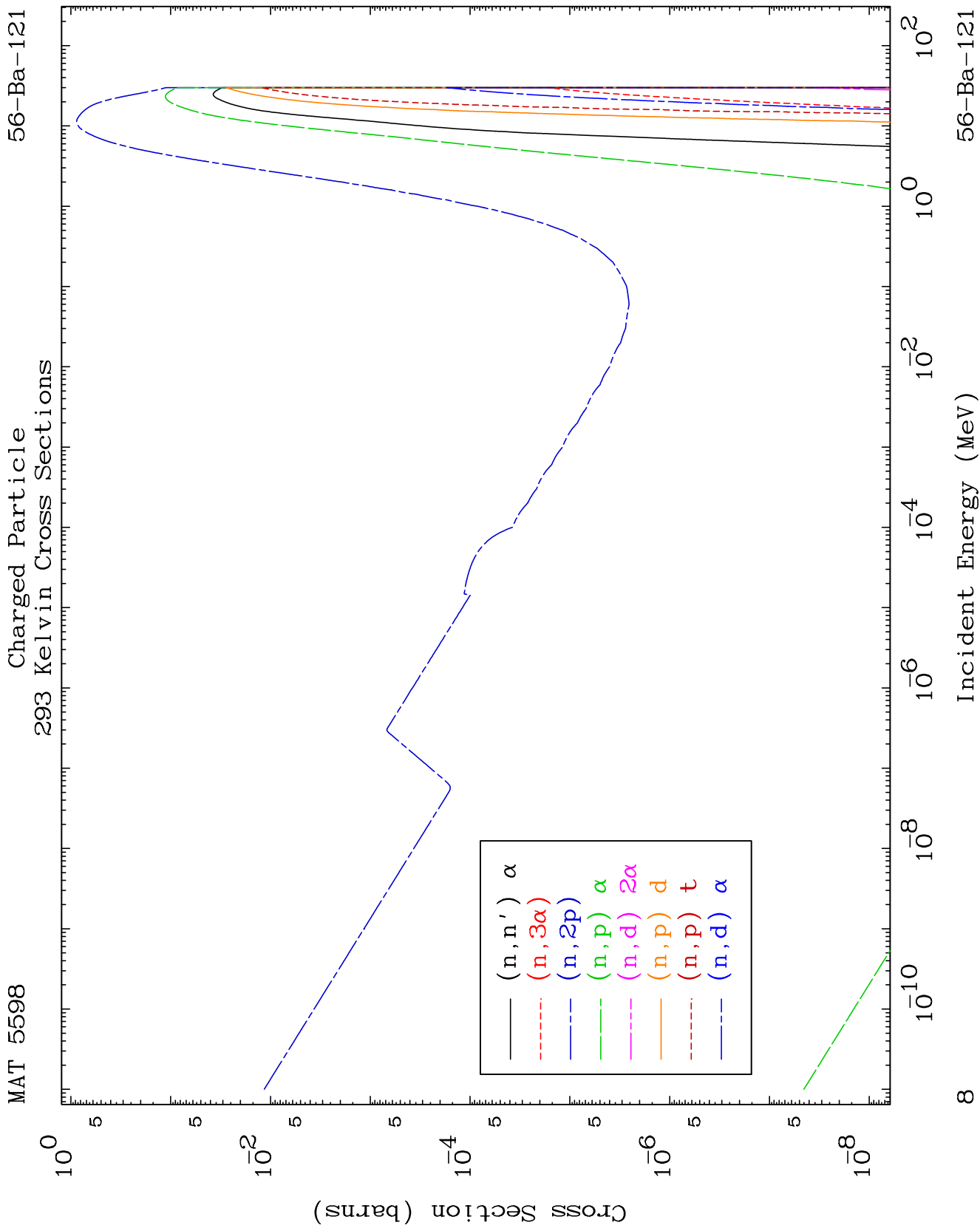
MAT 5598

Charged Particle  
293 Kelvin Cross Sections

56-Ba-121



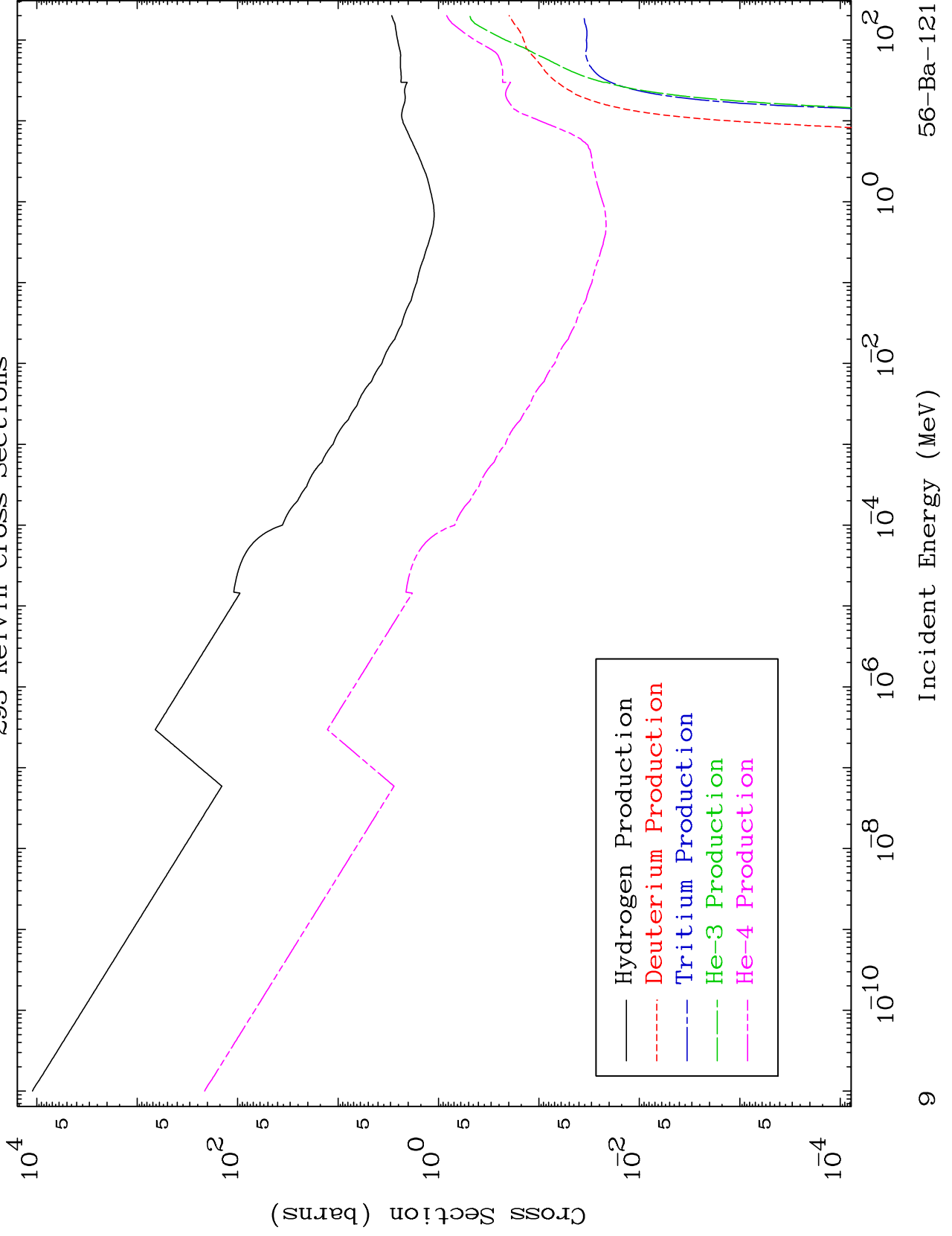




MAT 5598

Particle Production  
293 Kelvin Cross Sections

56-Ba-121

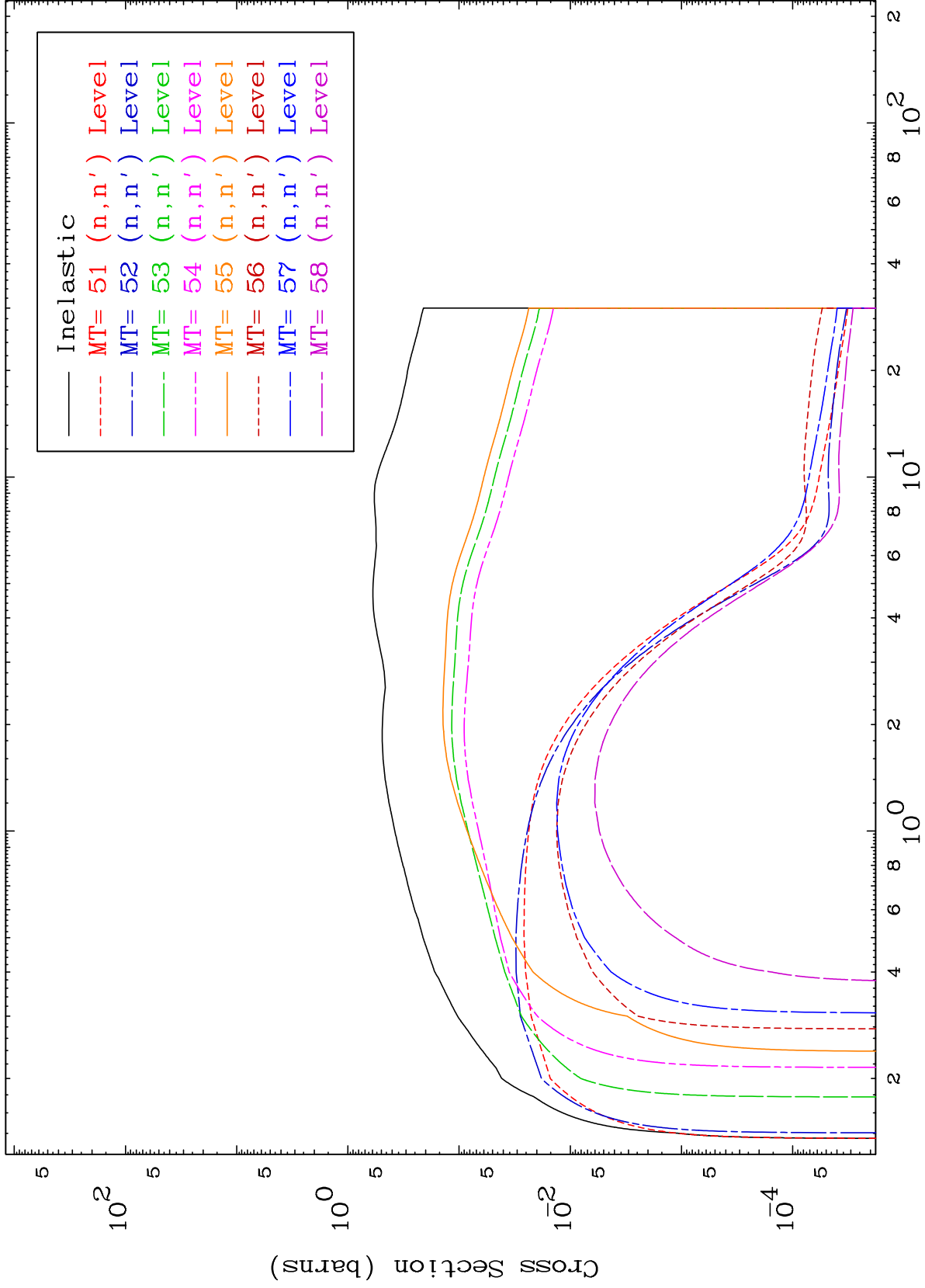


MAT 5598

(n,n') Levels

56-Ba-121

293 Kelvin Cross Sections

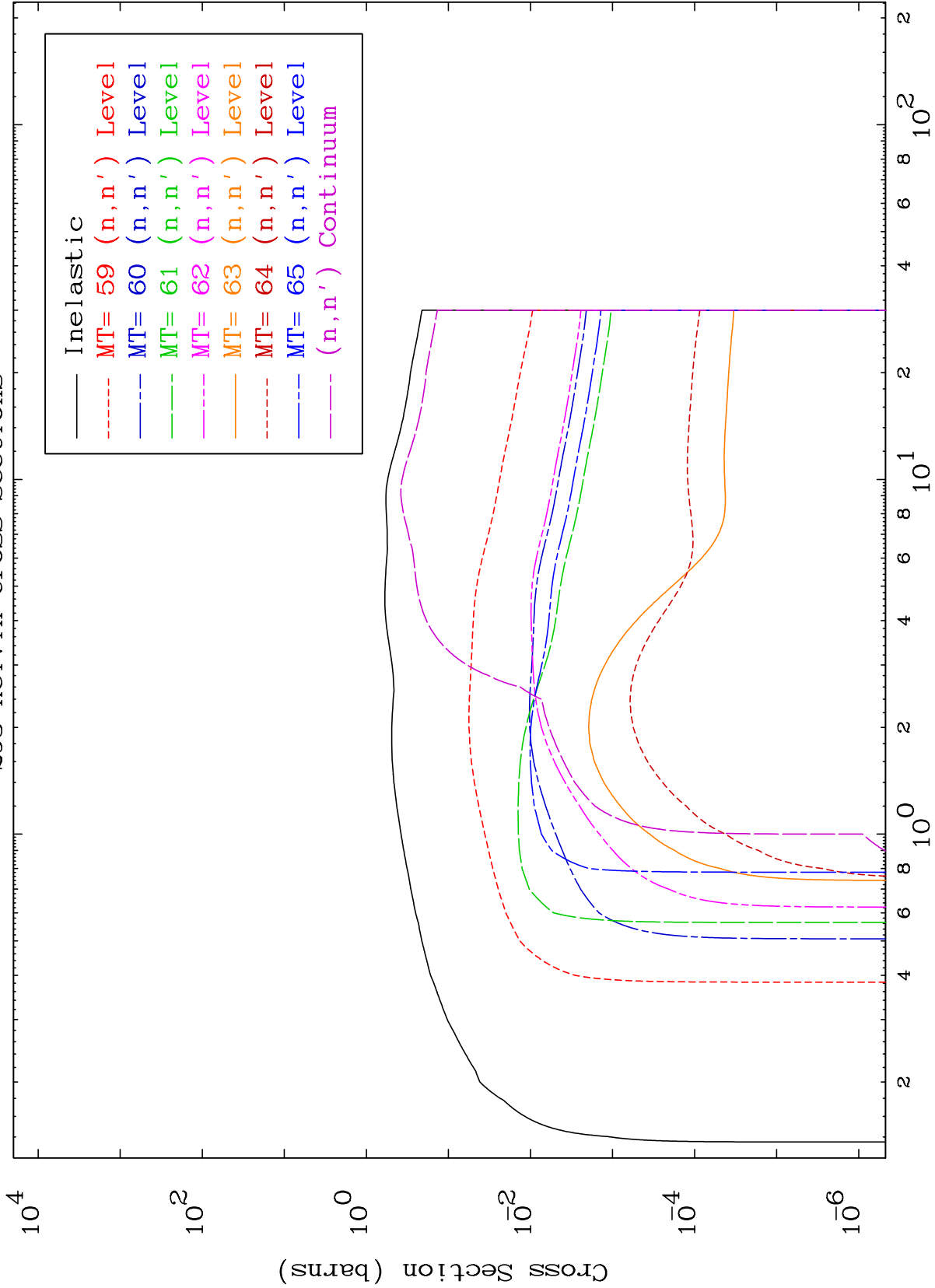


10

Incident Energy (MeV)

56-Ba-121

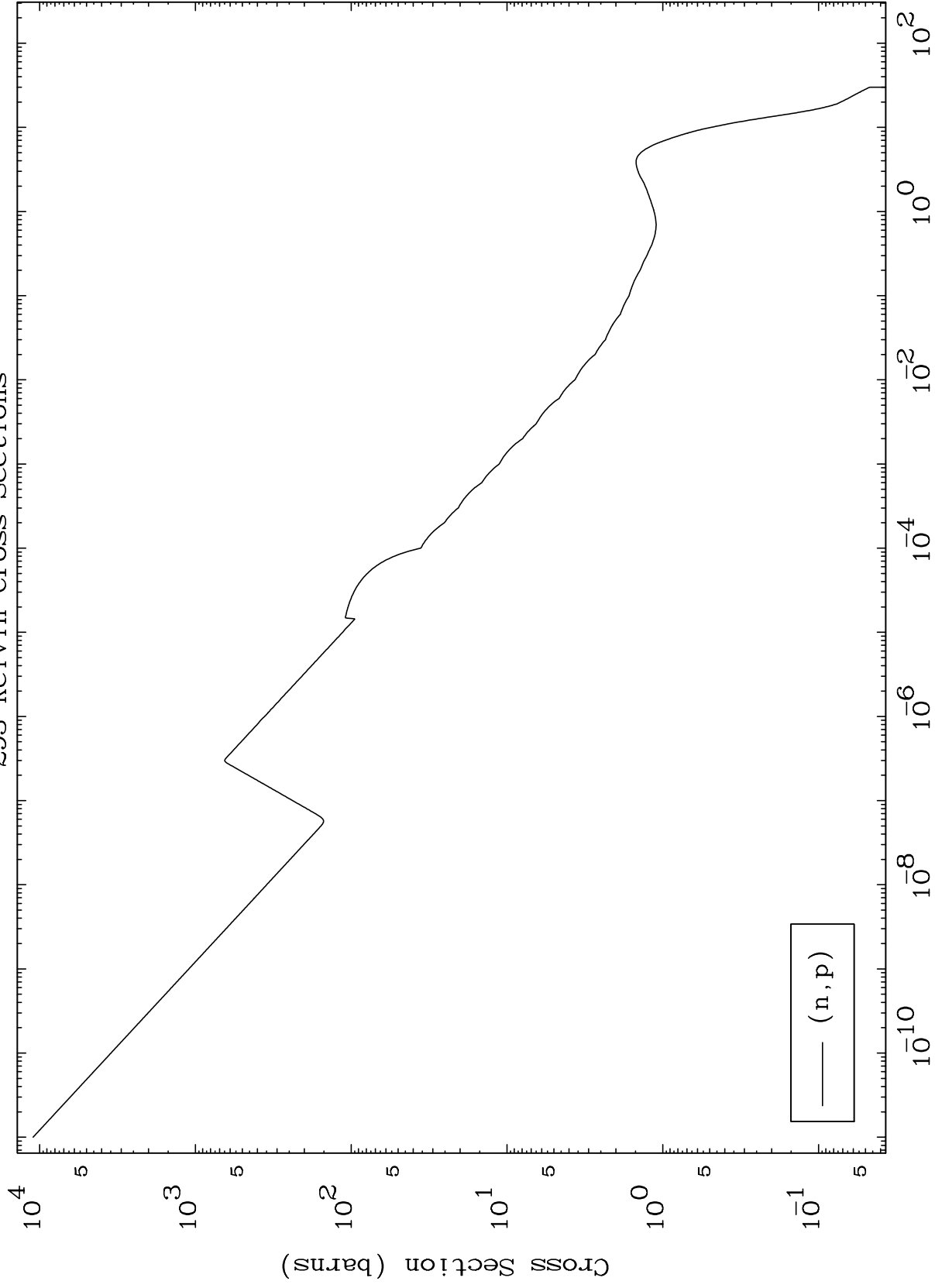
293 Kelvin Cross Sections



MAT 5598

(n,p) Levels  
293 Kelvin Cross Sections

56-Ba-121



12

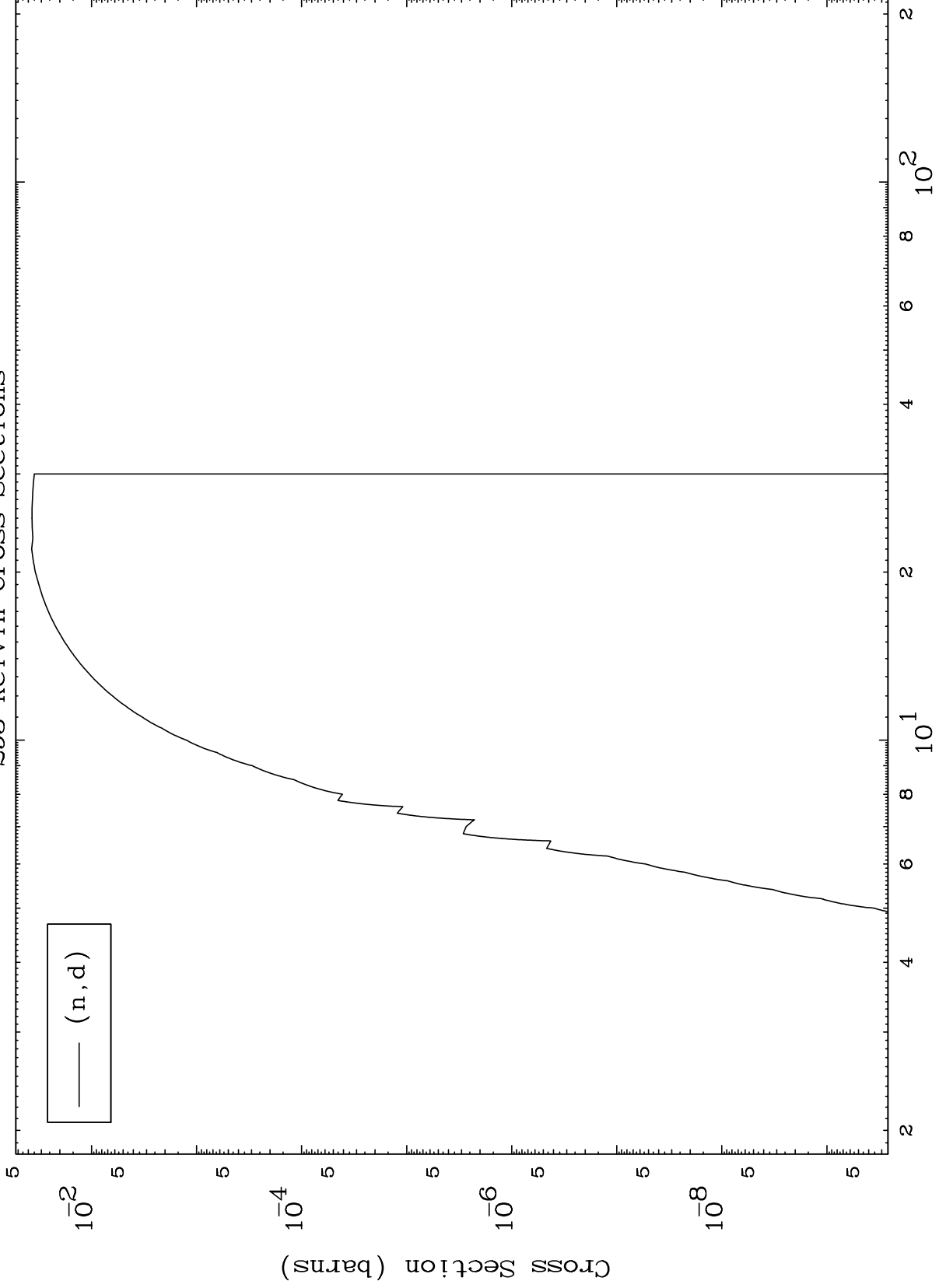
Incident Energy (MeV)

56-Ba-121

MAT 5598

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-121



13

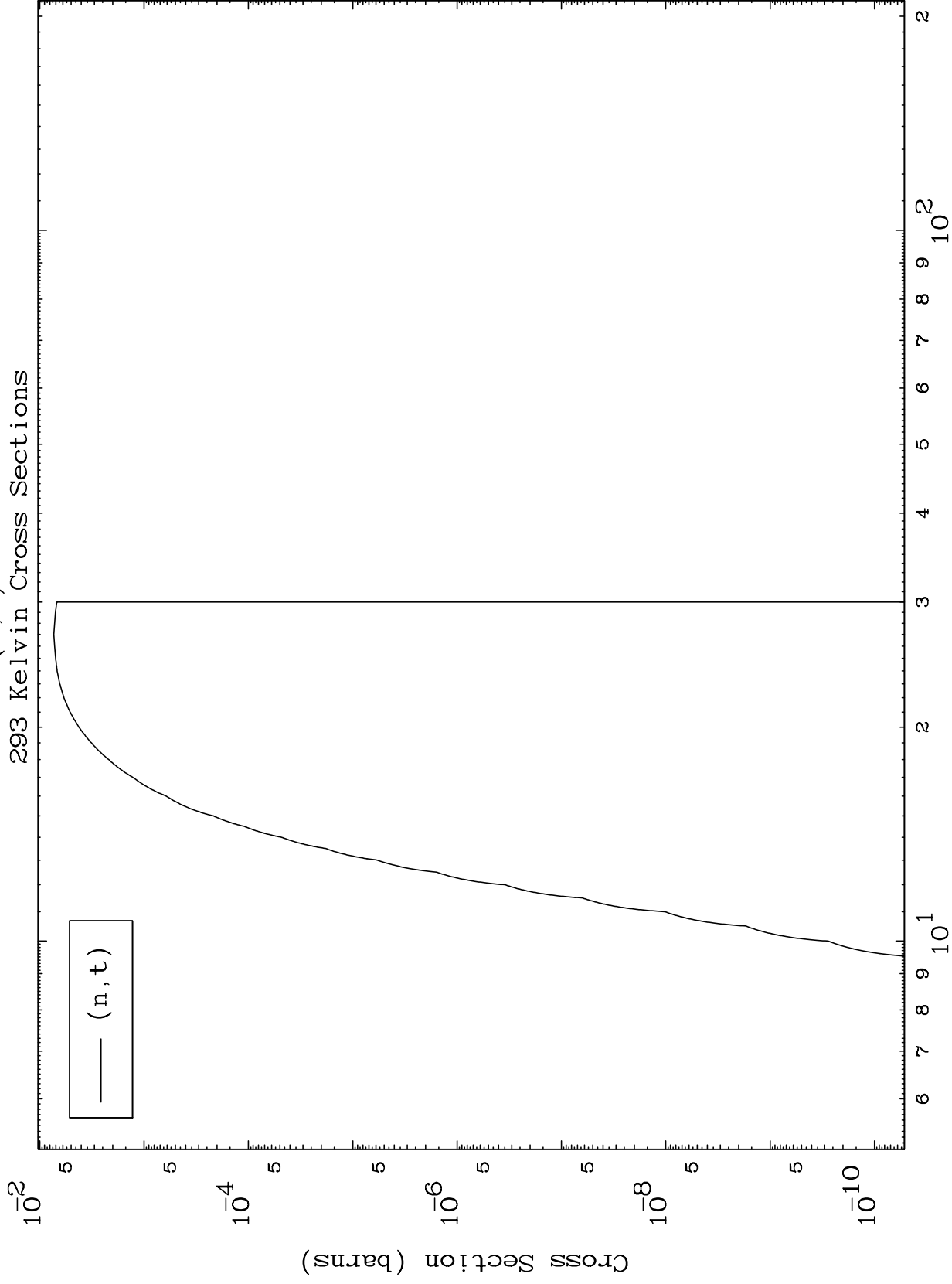
Incident Energy (MeV)

56-Ba-121

MAT 5598

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-121



14

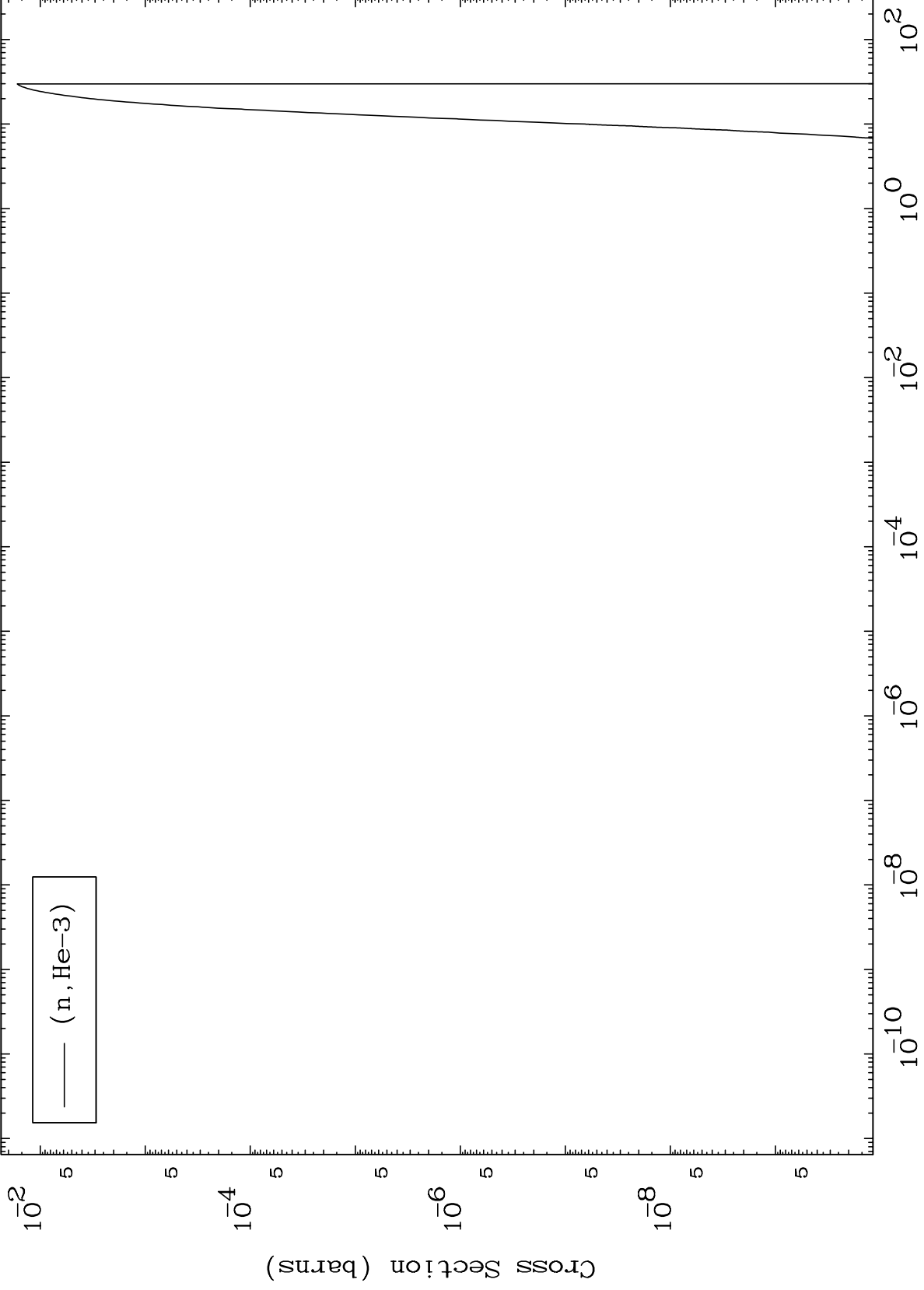
Incident Energy (MeV)

56-Ba-121

MAT 5598

(n,He3) Levels  
293 Kelvin Cross Sections

56-Ba-121



15

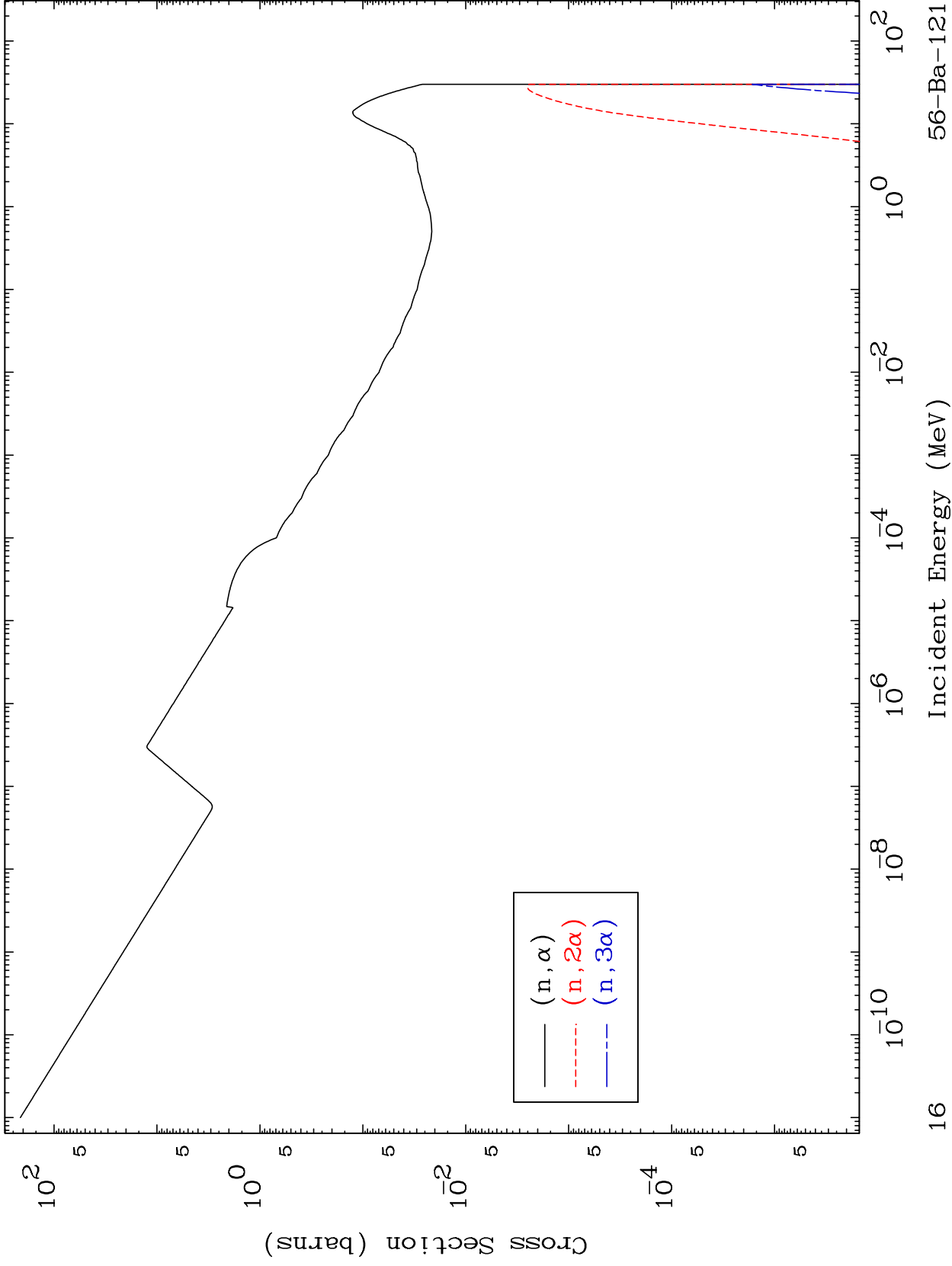
56-Ba-121



MAT 5598

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

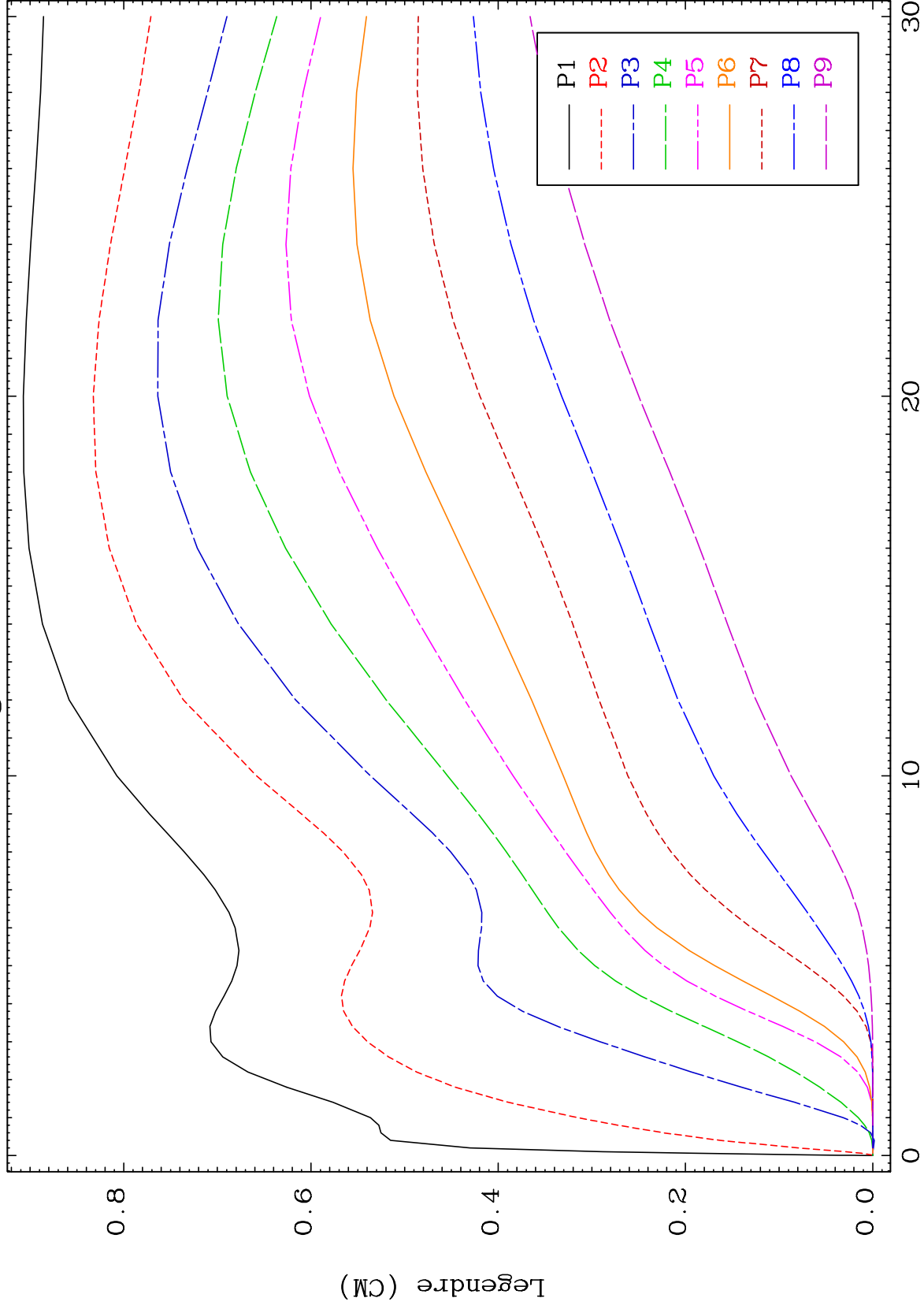
56-Ba-121



MAT 5598

Elastic Legendre Coefficients

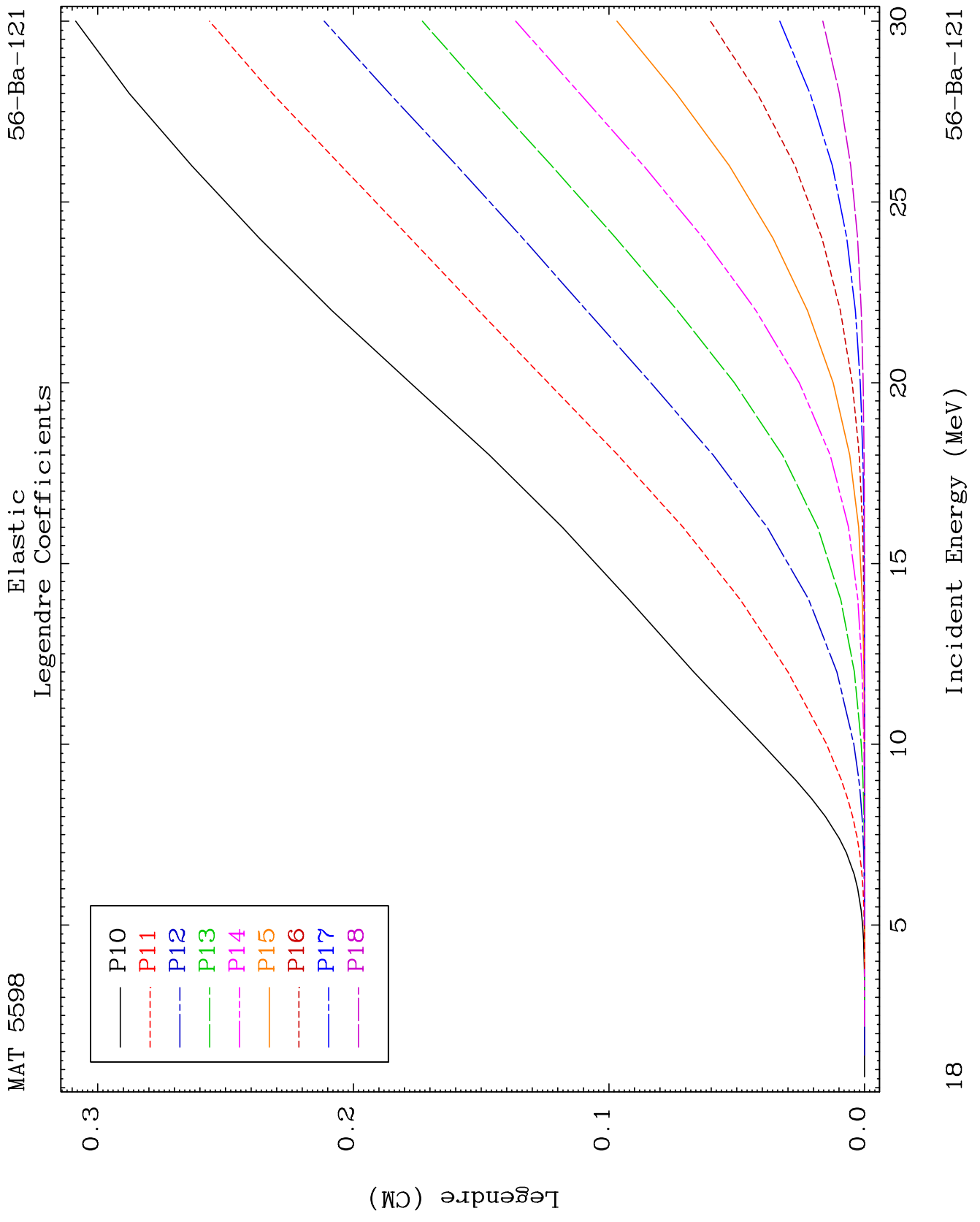
56-Ba-121



17

Incident Energy (MeV)

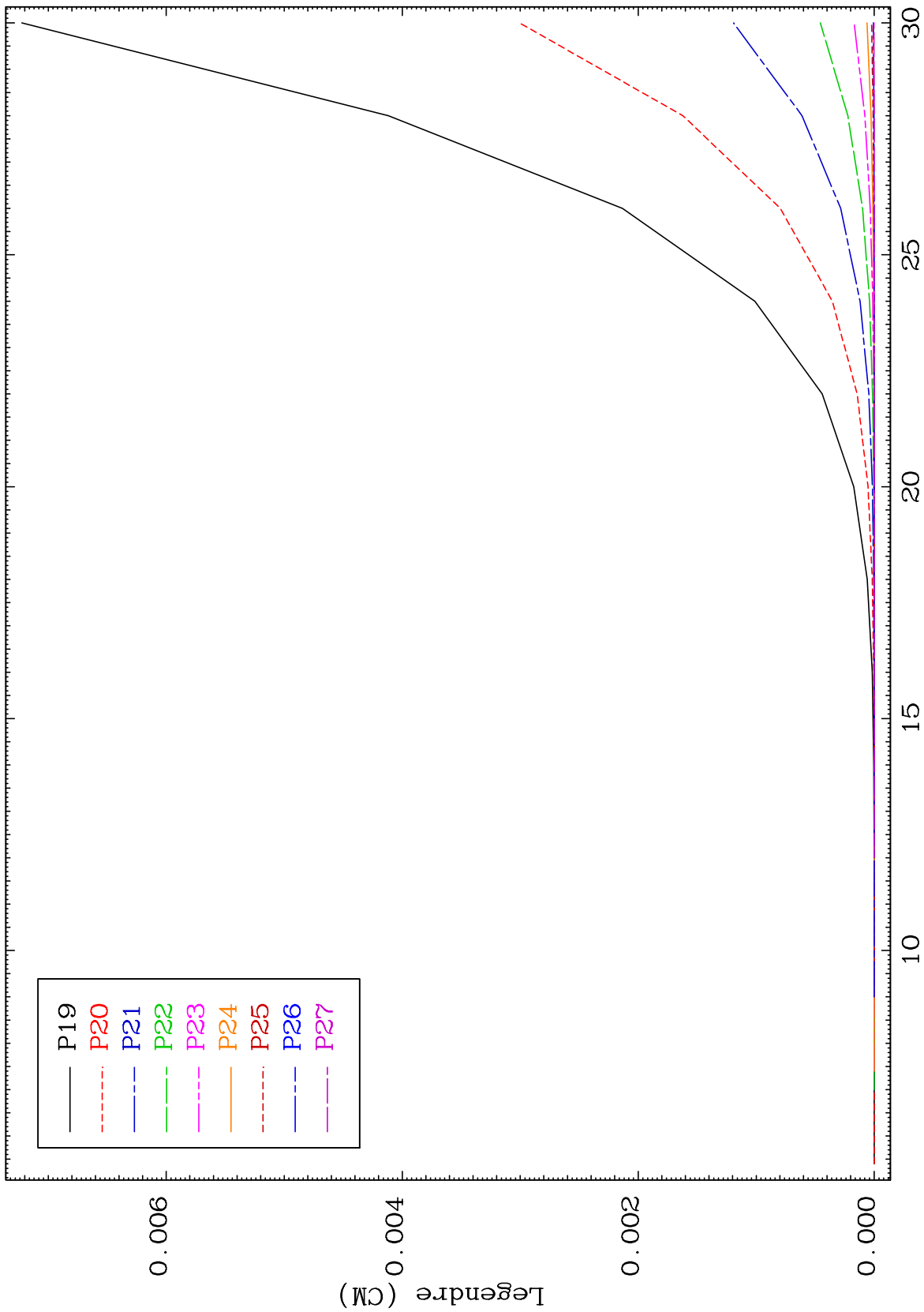
56-Ba-121



MAT 5598

### Elastic Legendre Coefficients

56-Ba-121



19

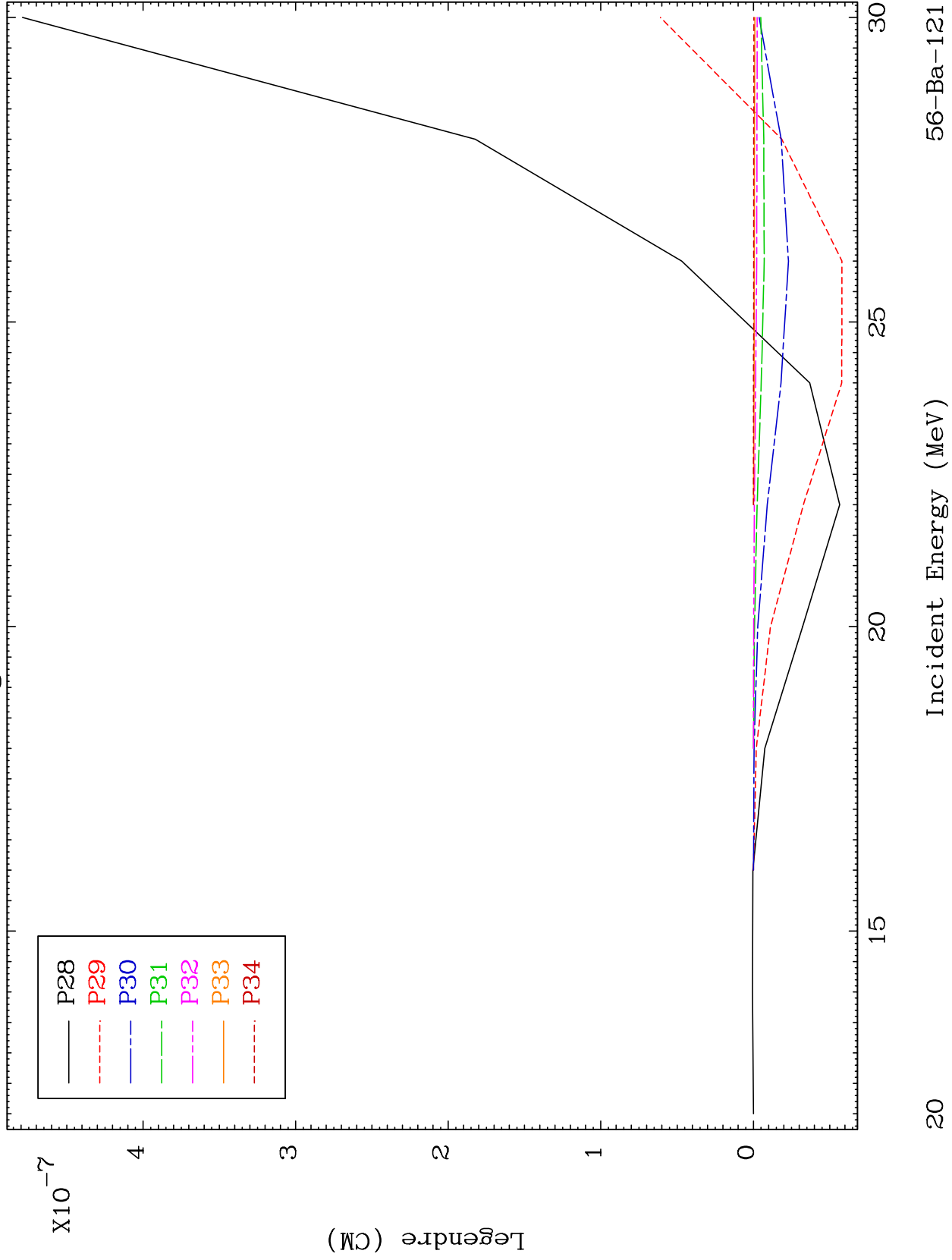
56-Ba-121

Incident Energy (MeV)

MAT 5598

Elastic Legendre Coefficients

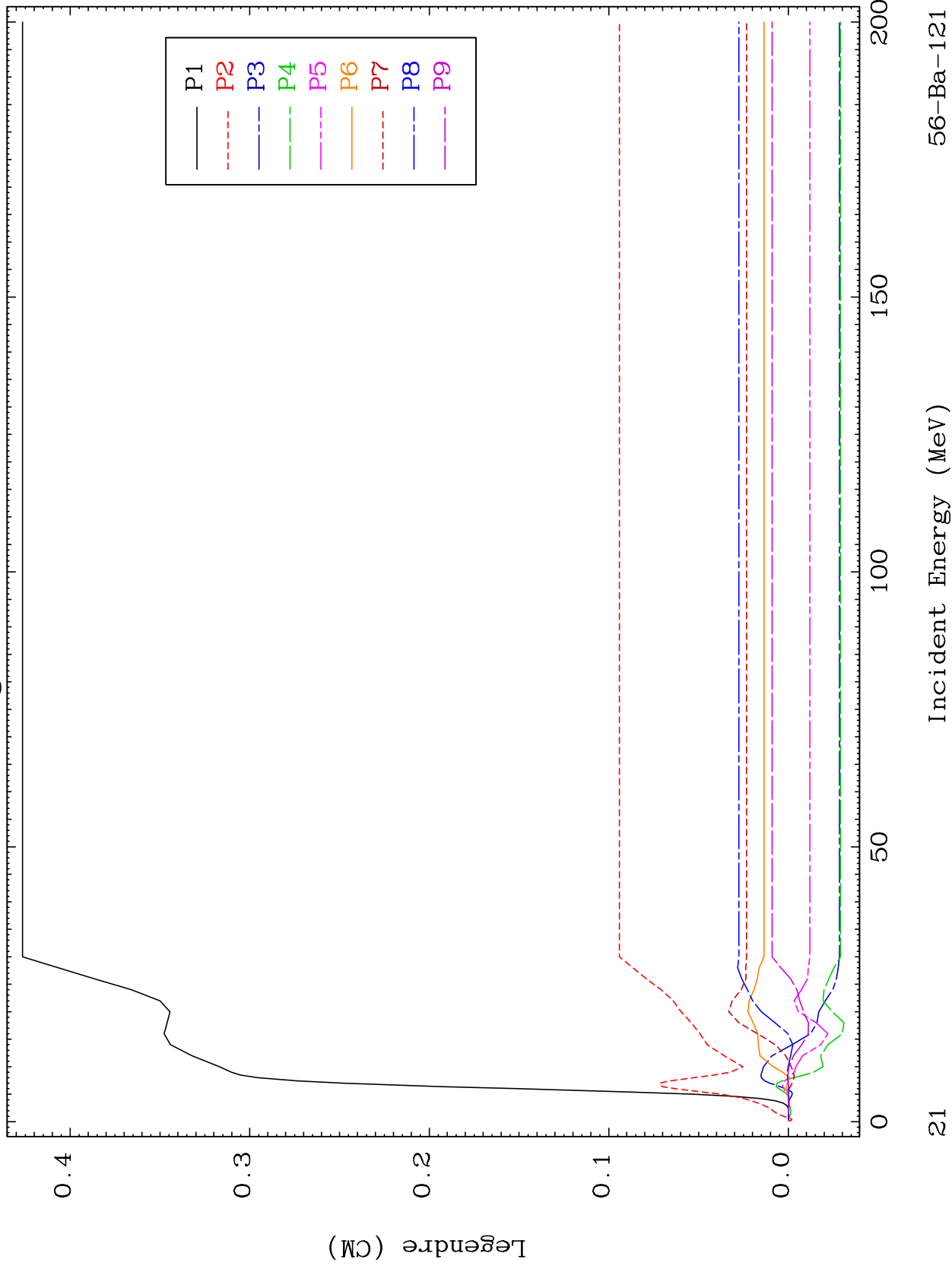
56-Ba-121



MAT 5598

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

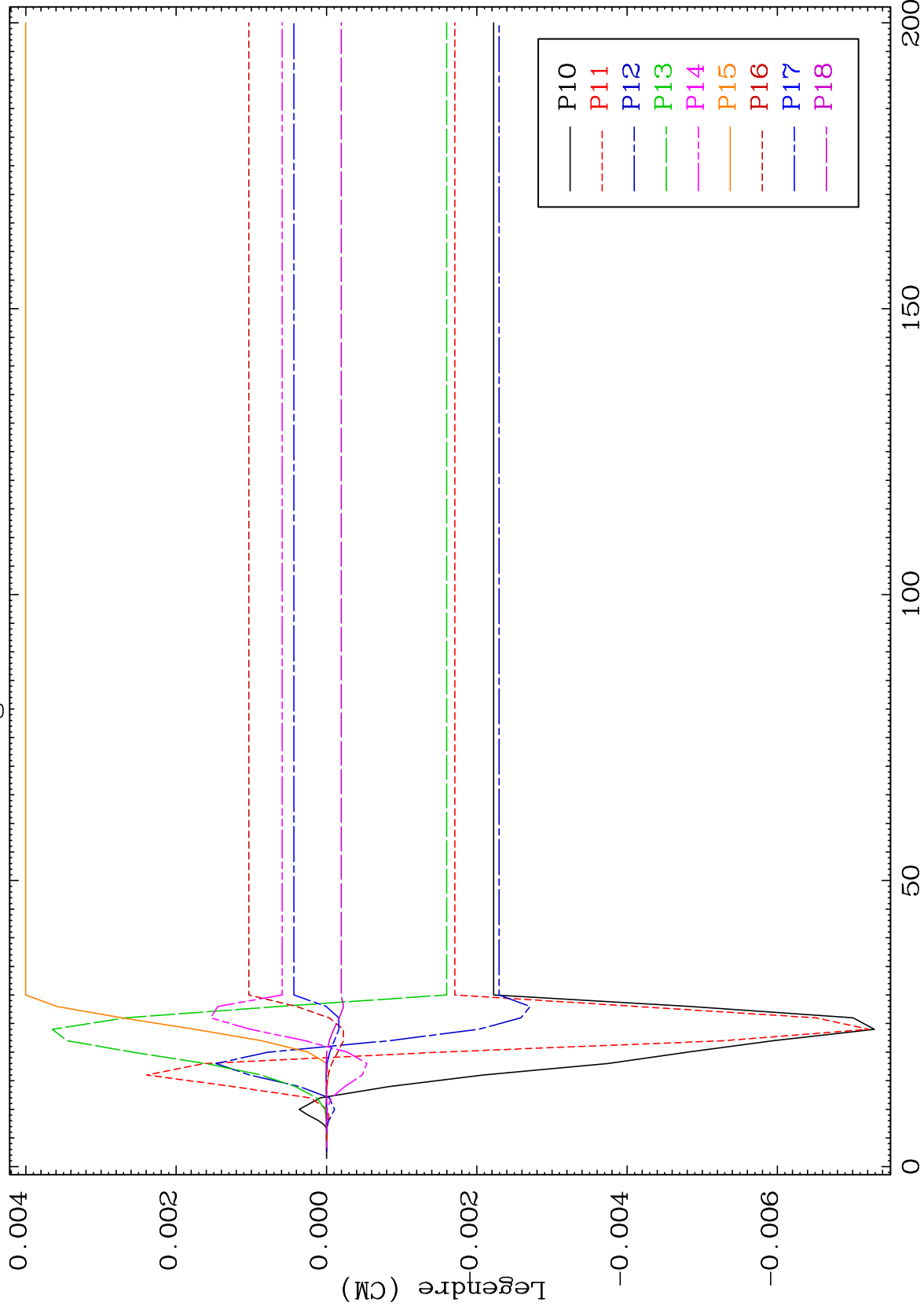
56-Ba-121



MAT 5598

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

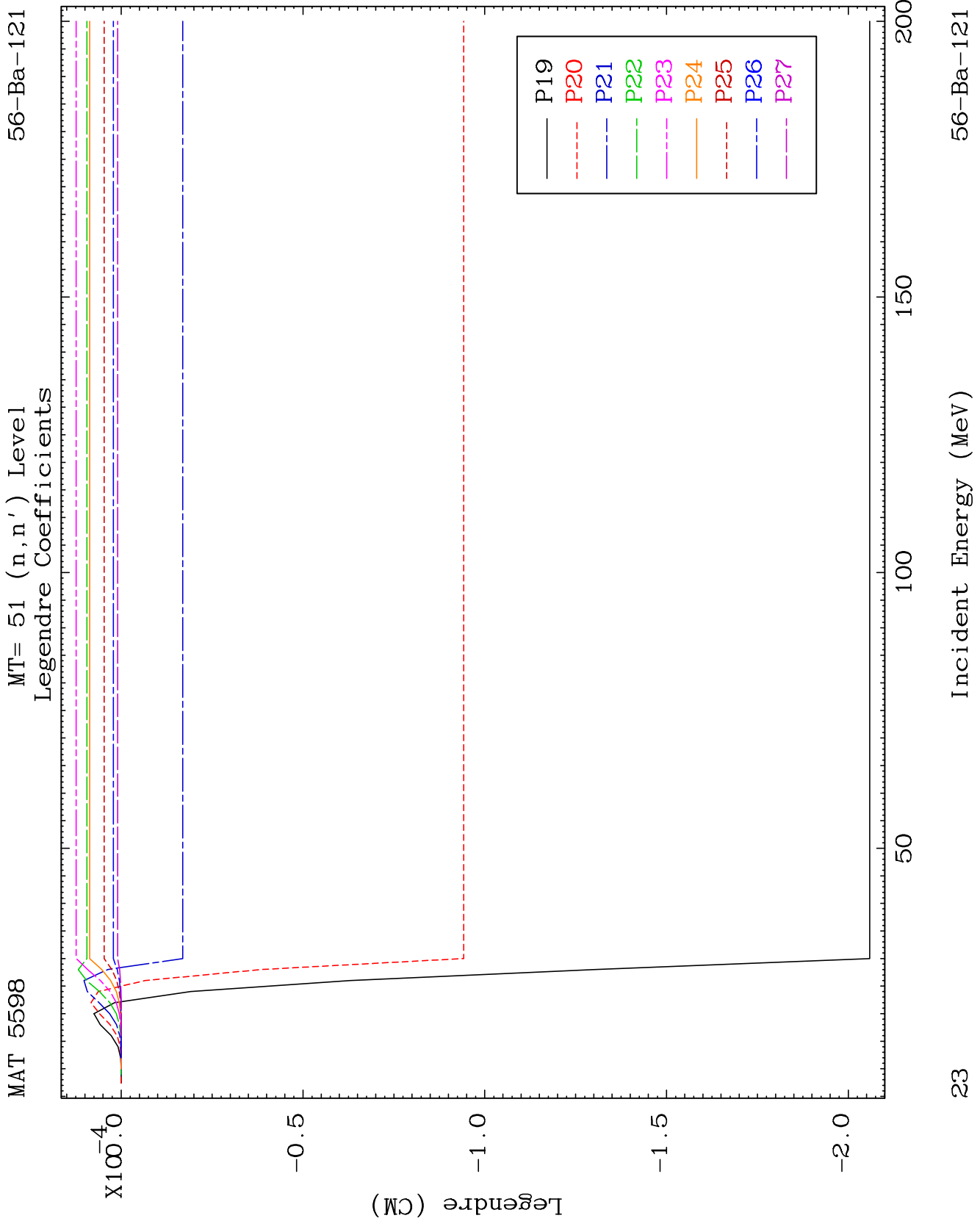
56-Ba-121



22

Incident Energy (MeV)

56-Ba-121

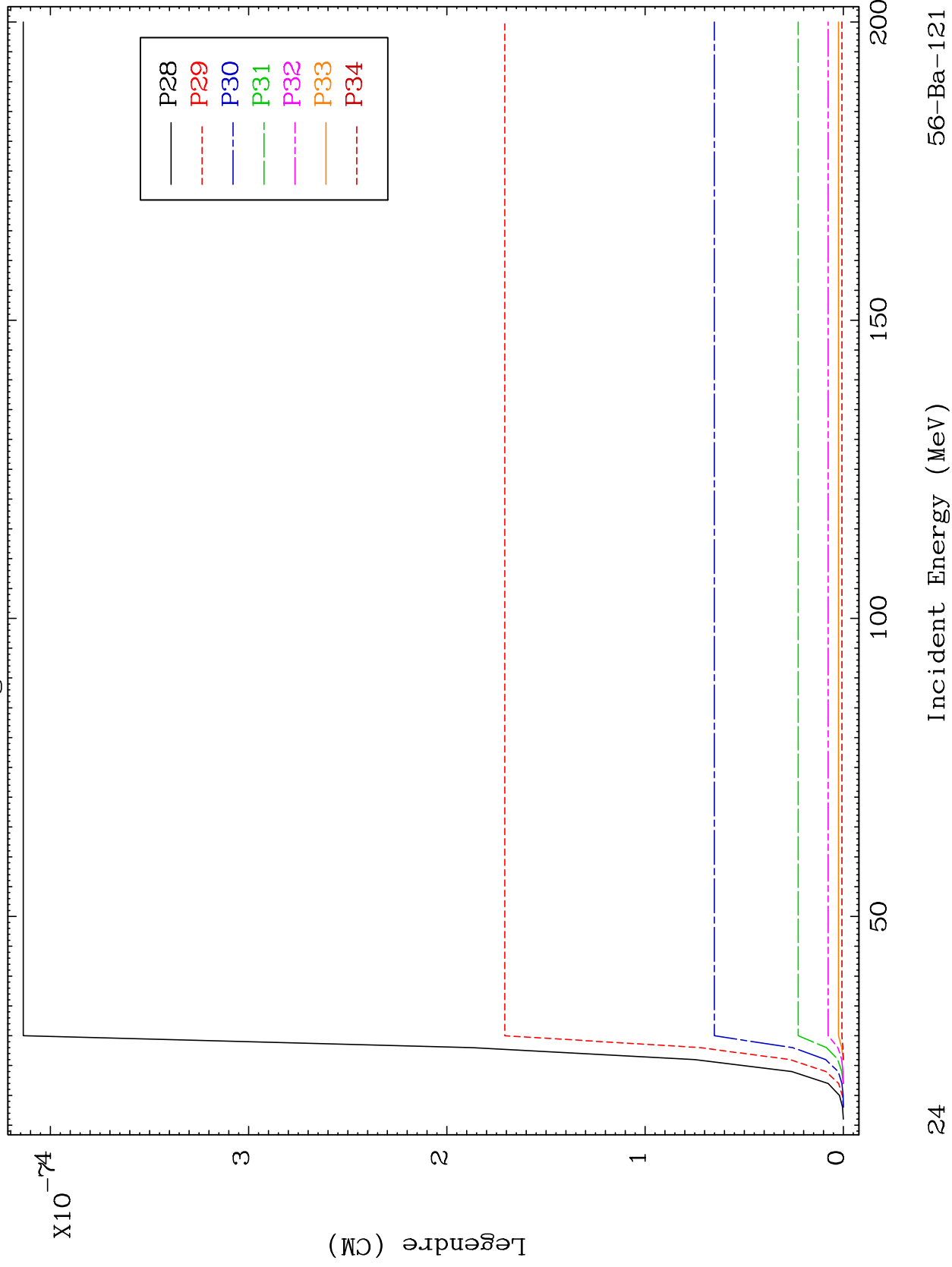




MAT 5598

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

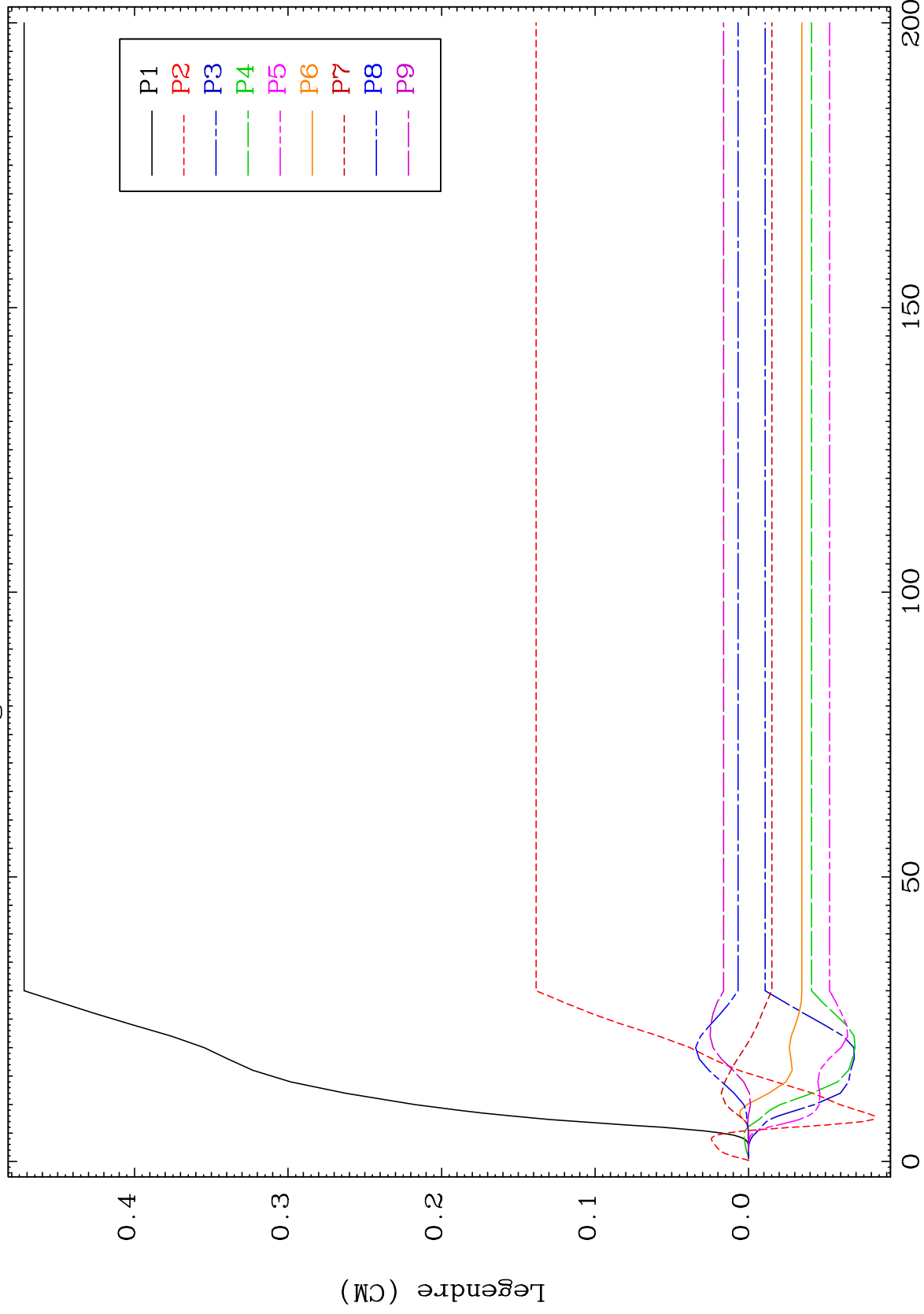
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

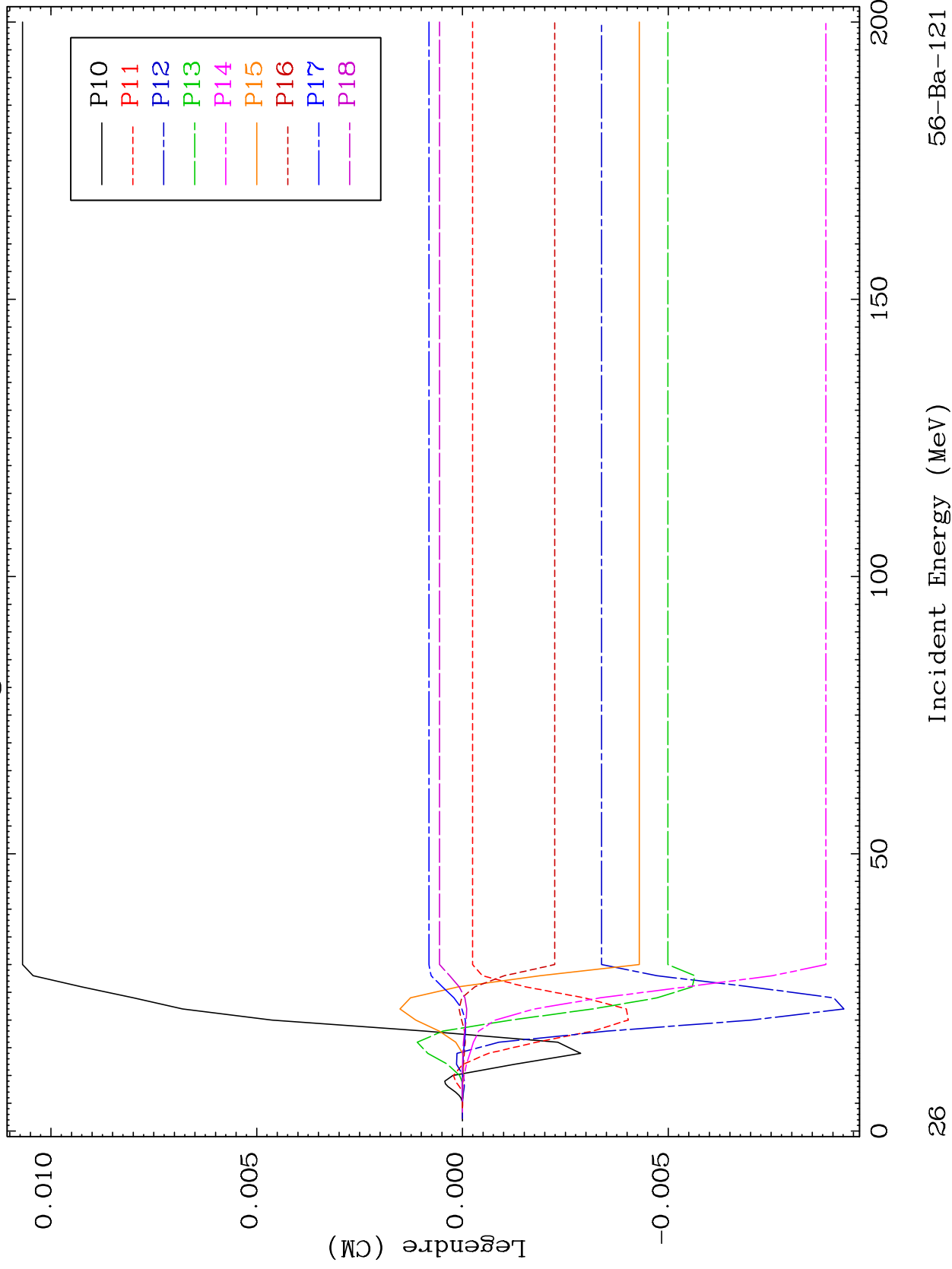
Incident Energy (MeV)

25

MAT 5598

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

56-Ba-121



26

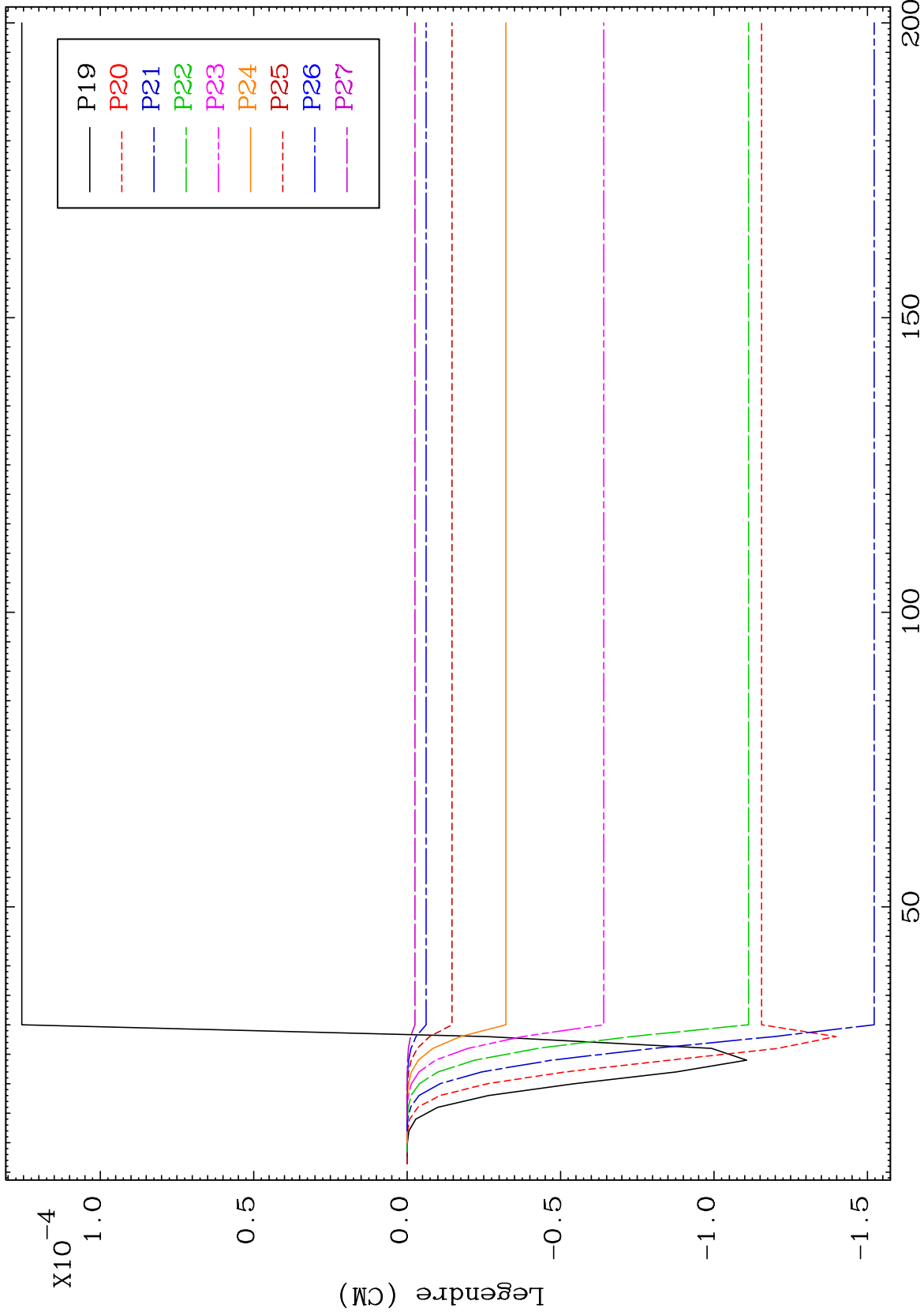
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



27

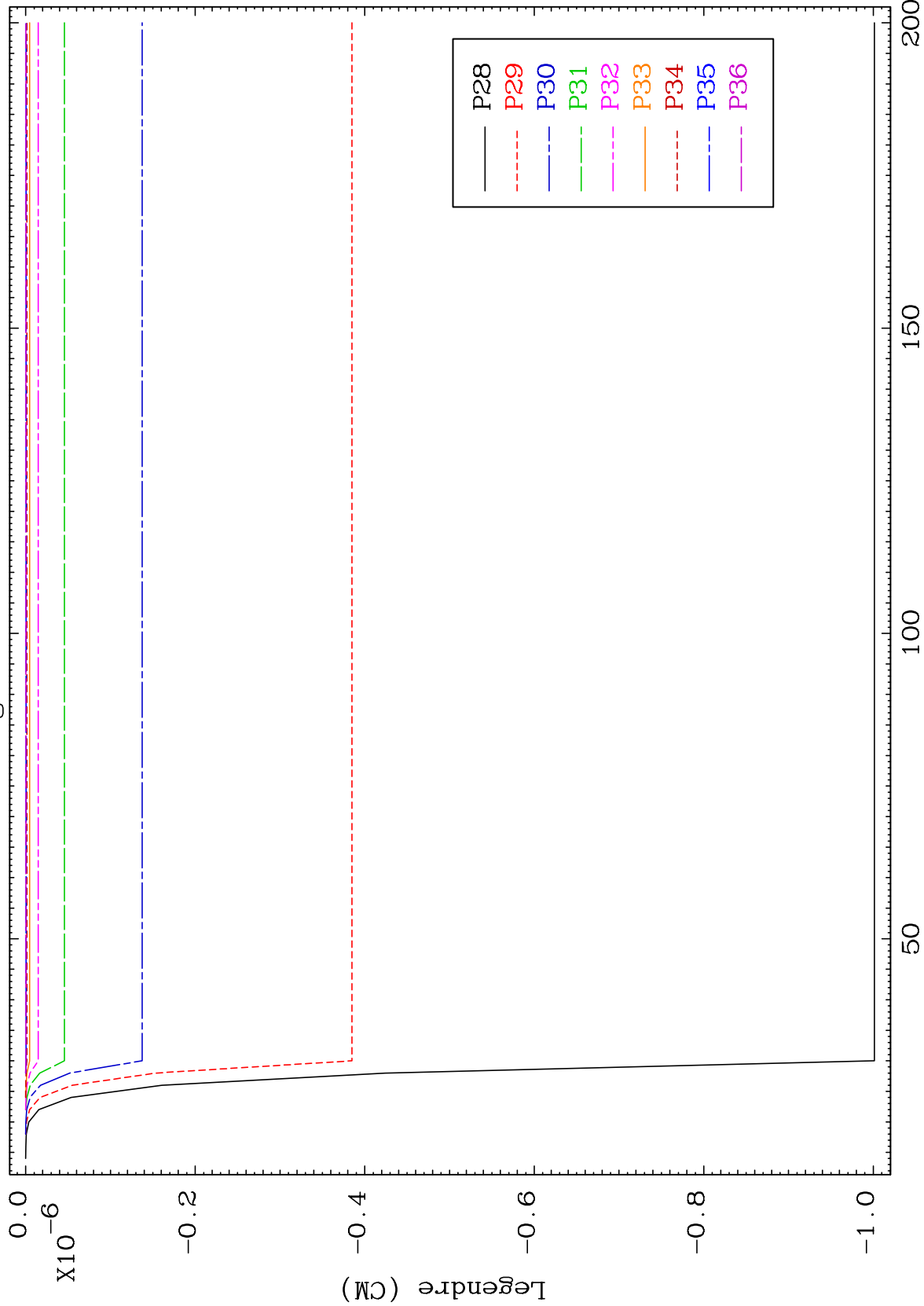
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



28

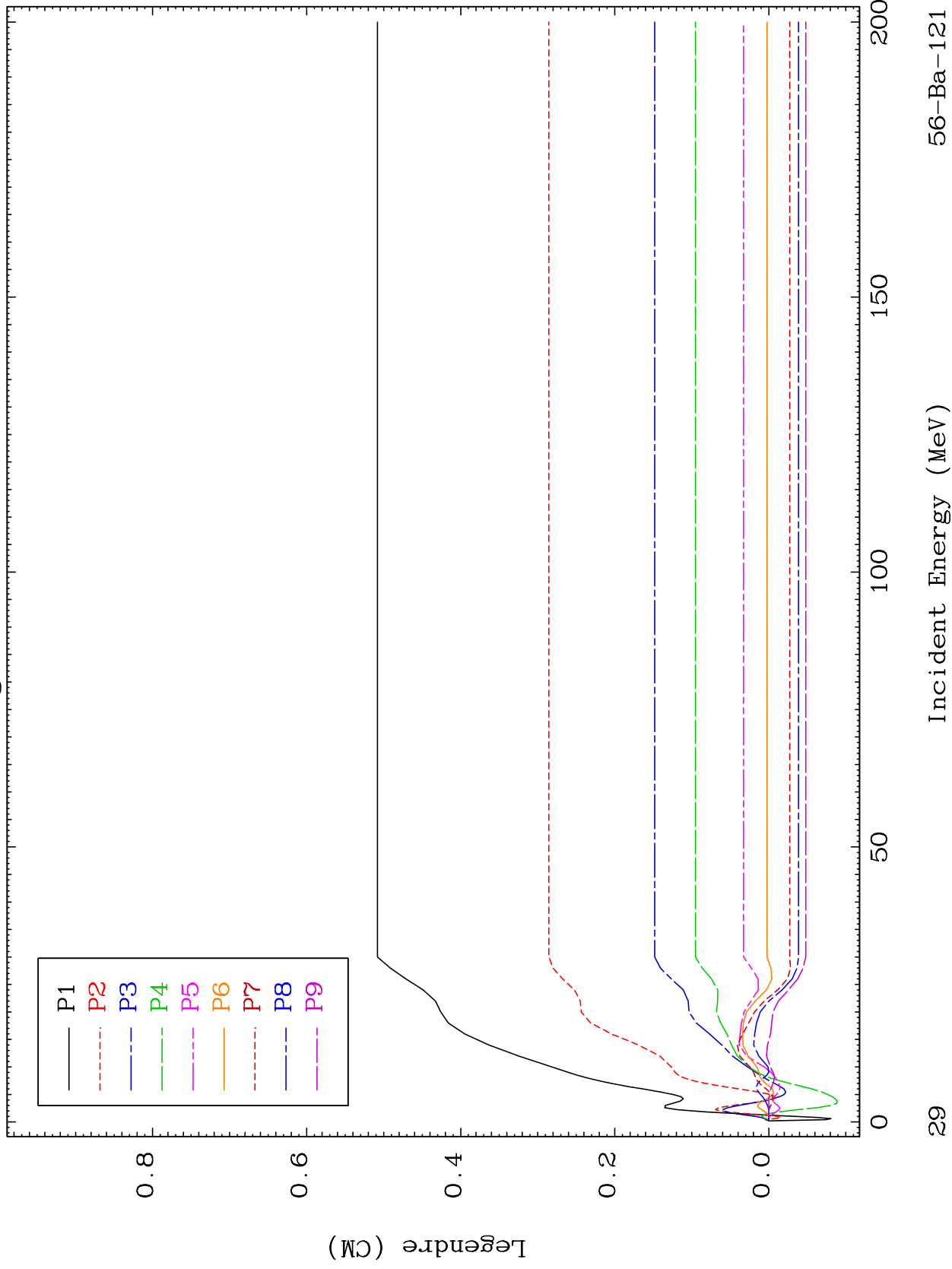
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

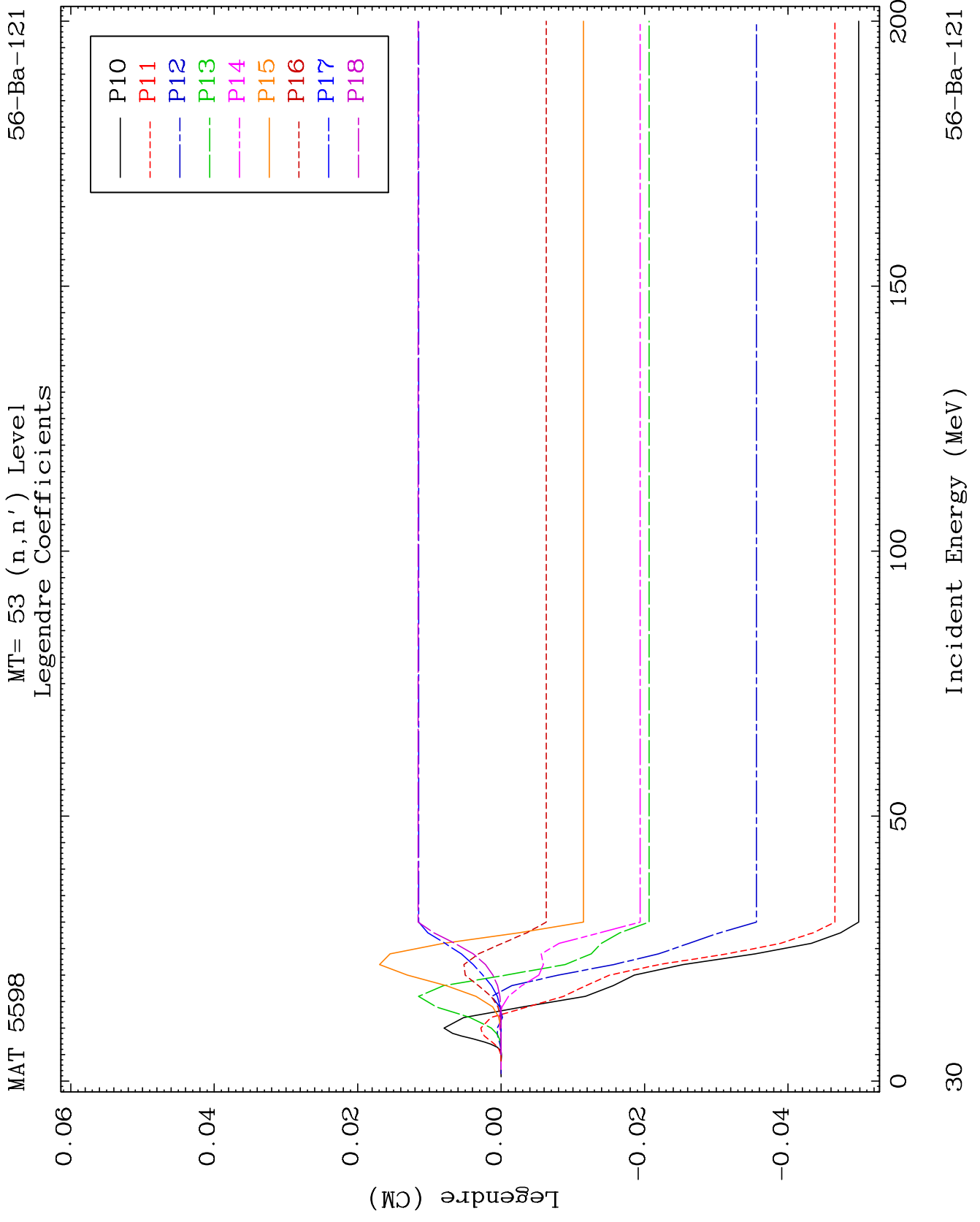
56-Ba-121



56-Ba-121

Incident Energy (MeV)

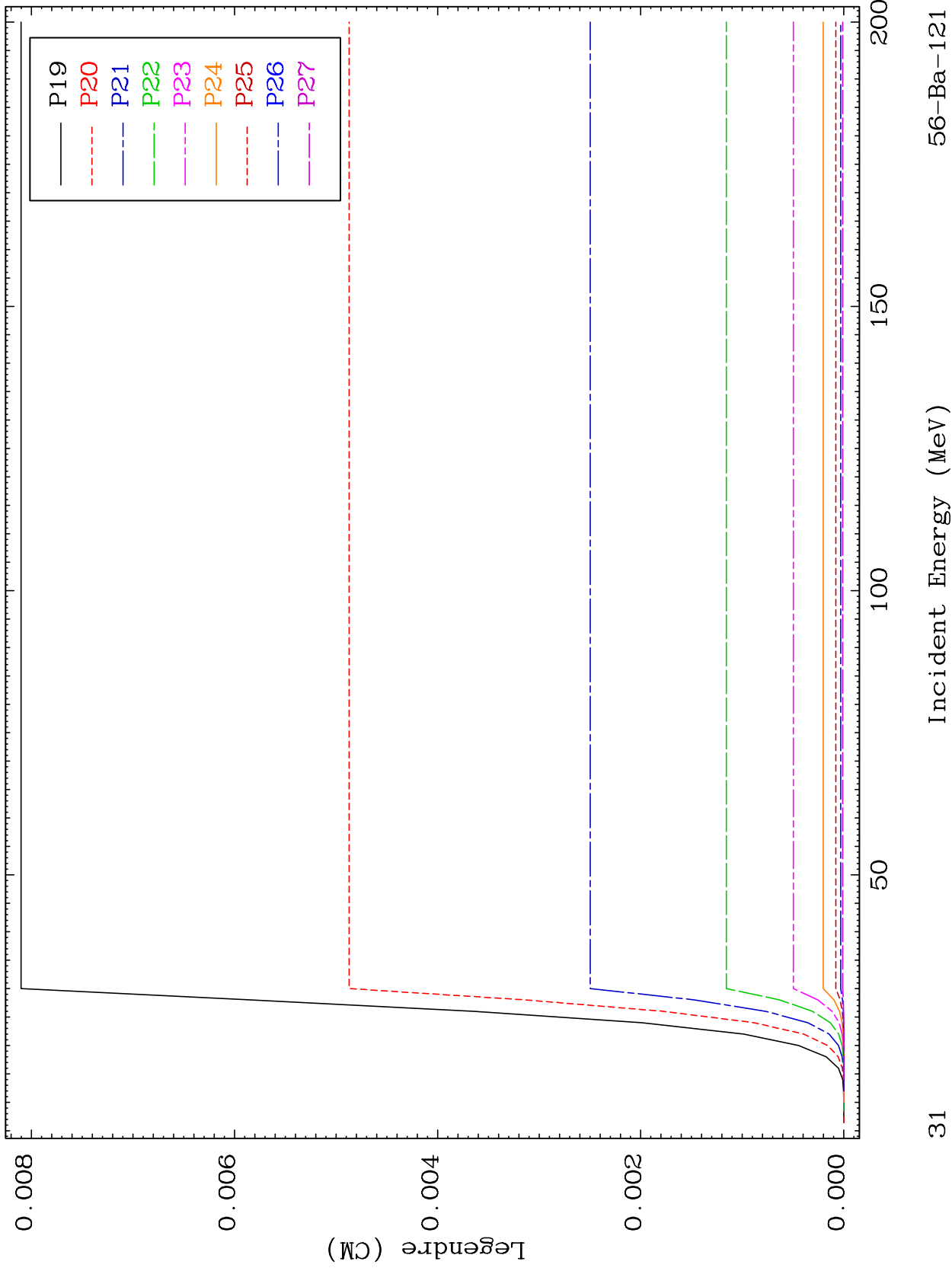
29



MAT 5598

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

56-Ba-121



31

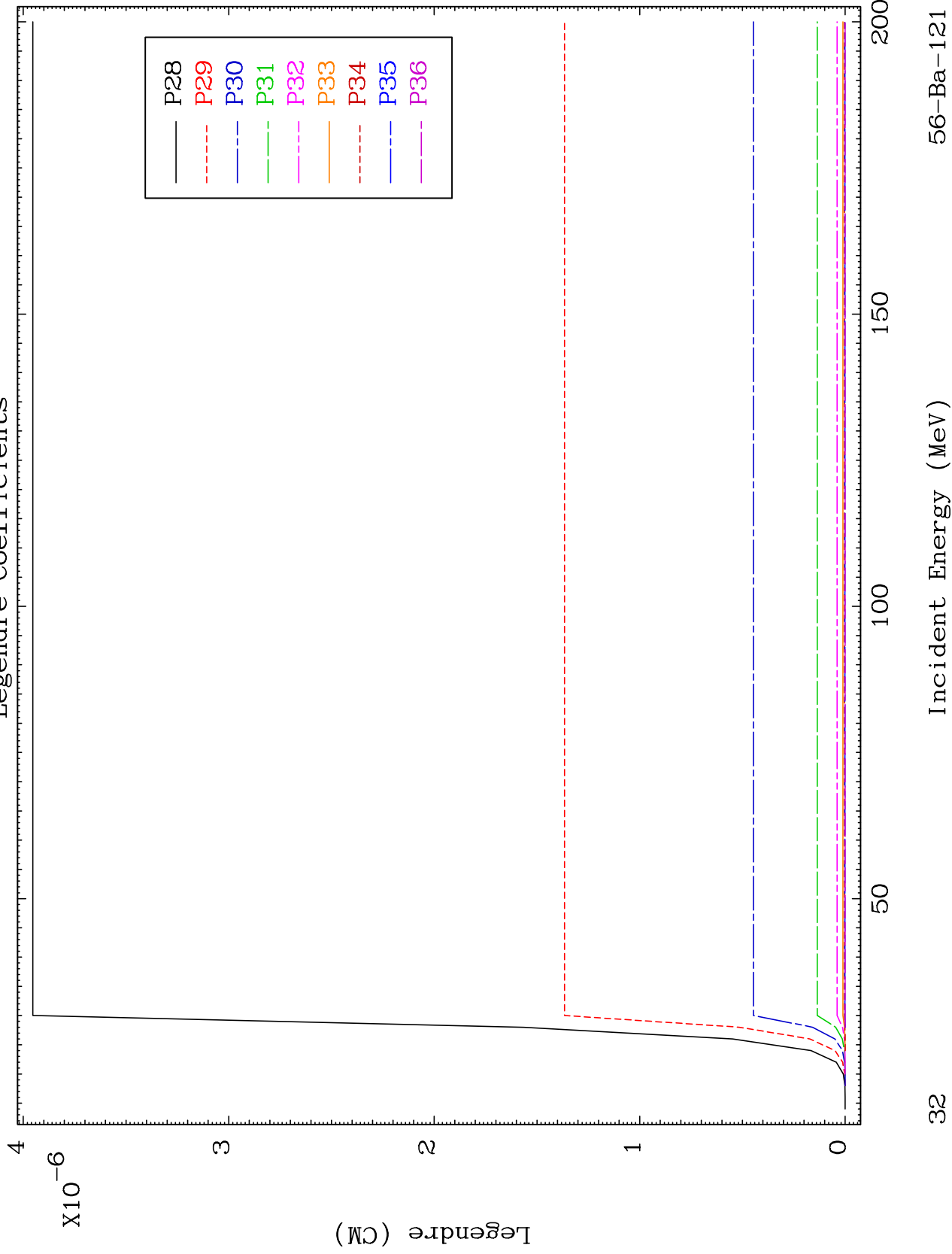
56-Ba-121



MAT 5598

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

56-Ba-121



32

Incident Energy (MeV)

56-Ba-121

200

150

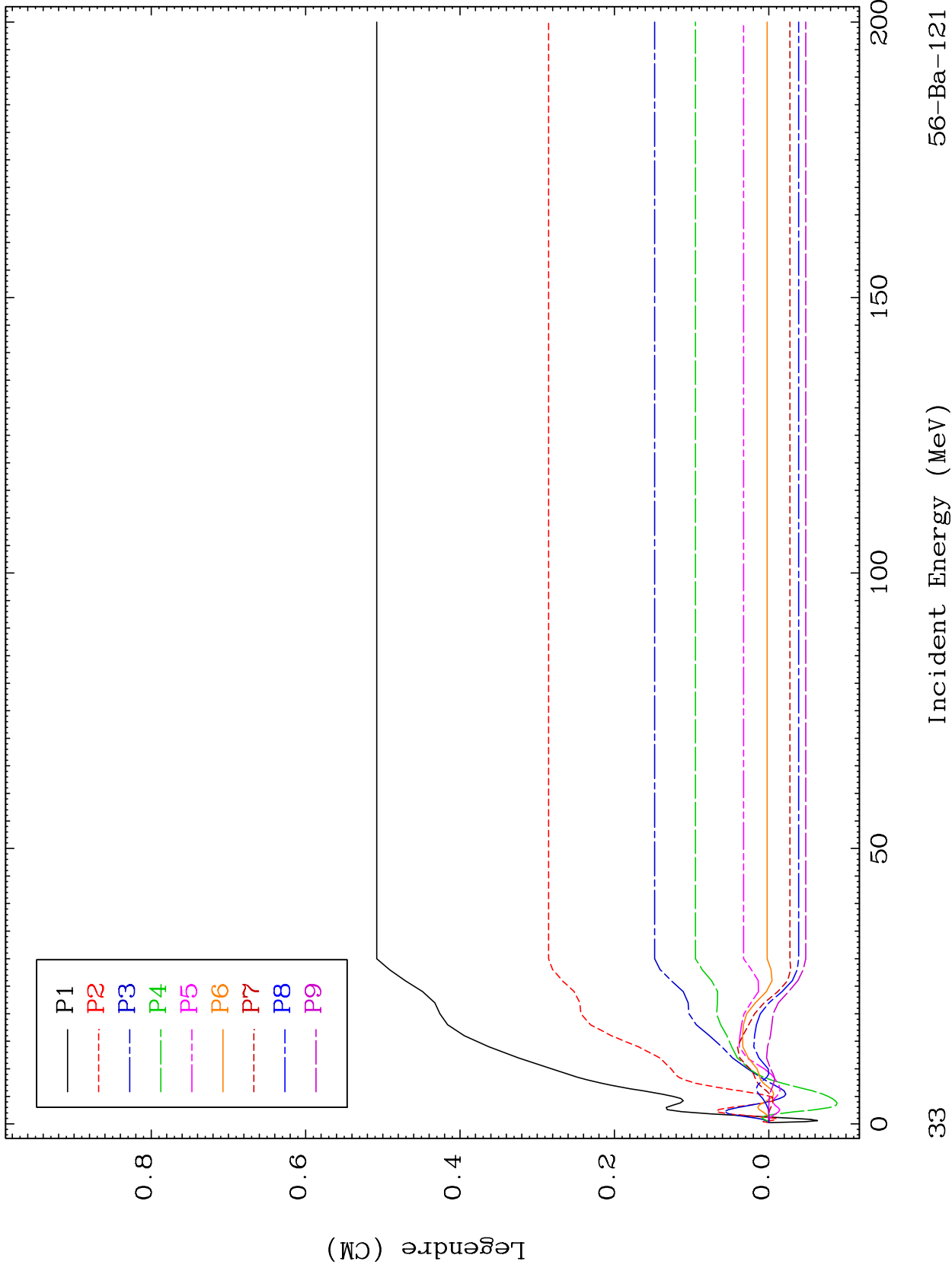
100

50

MAT 5598

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

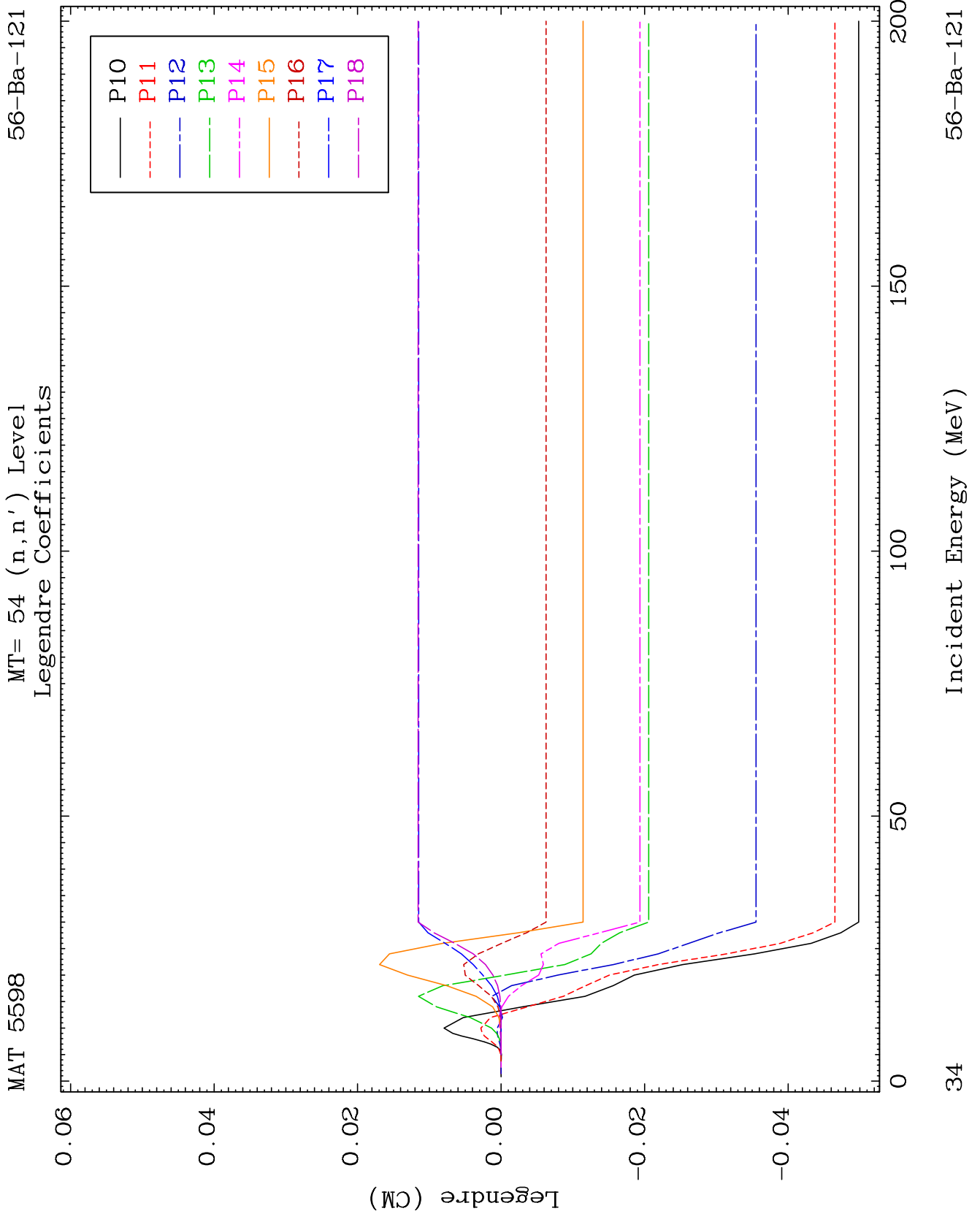
56-Ba-121



33

Incident Energy (MeV)

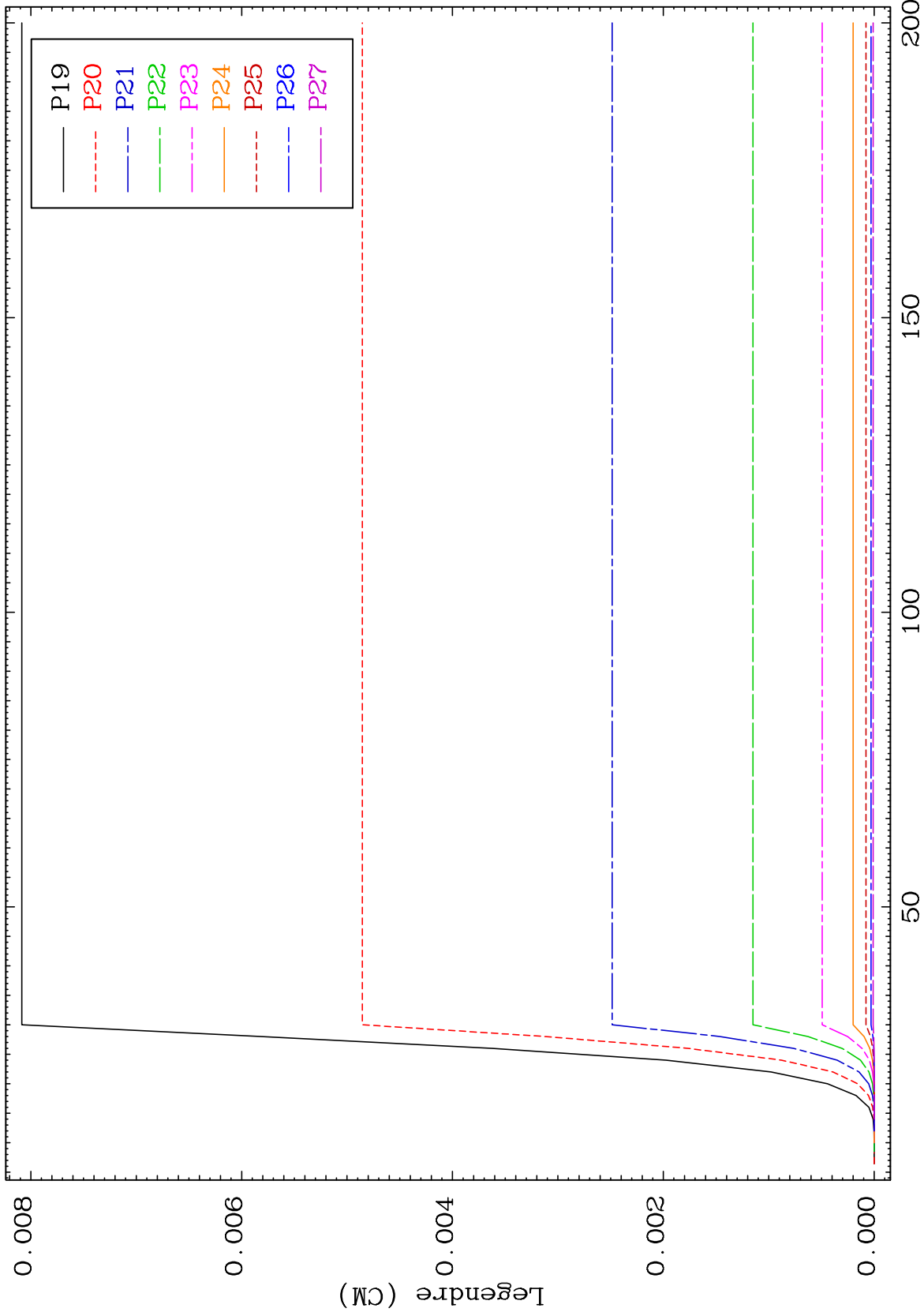
56-Ba-121



MAT 5598

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

56-Ba-121



35

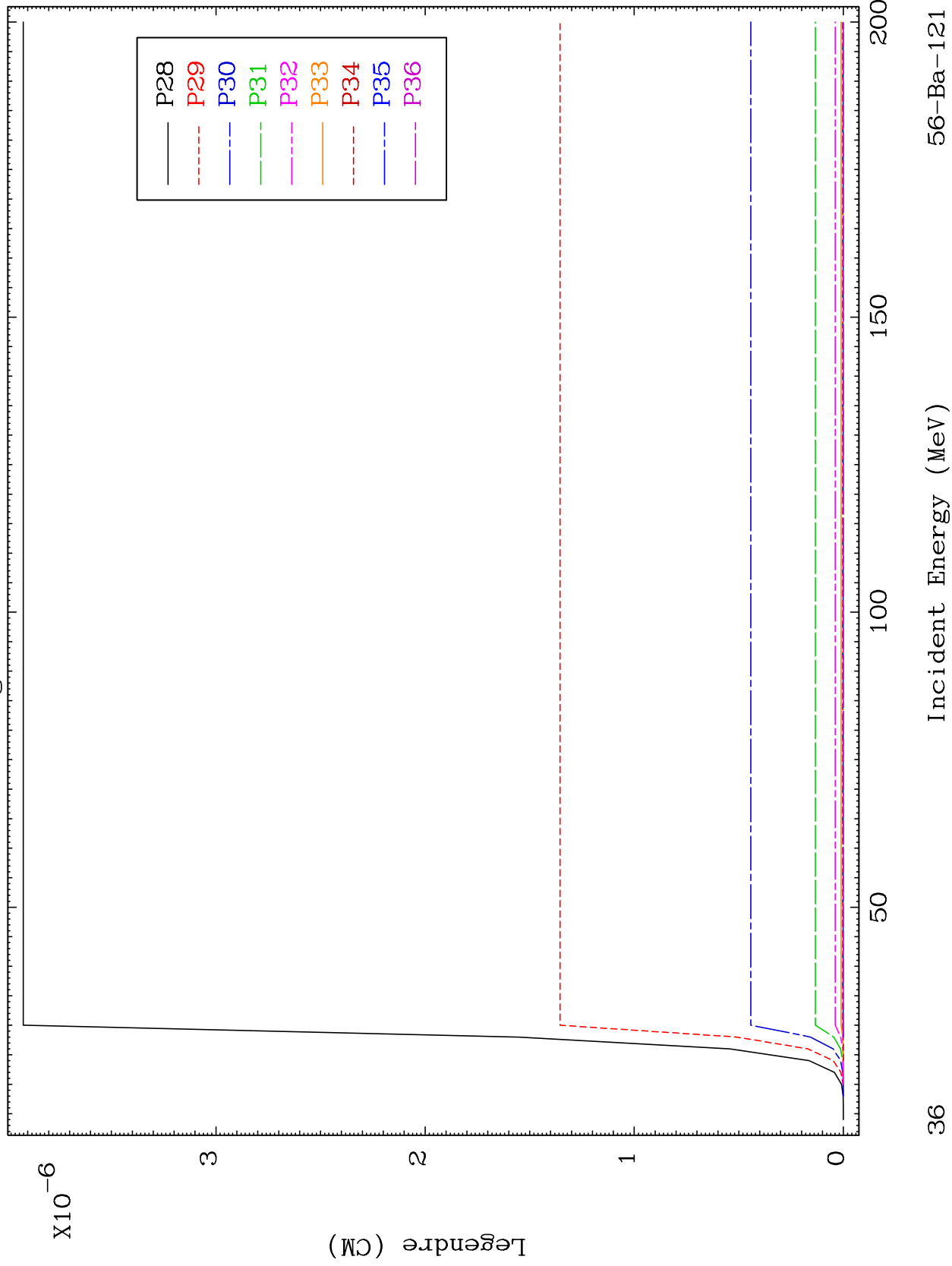
Incident Energy (MeV)

56-Ba-121

MAT 5598

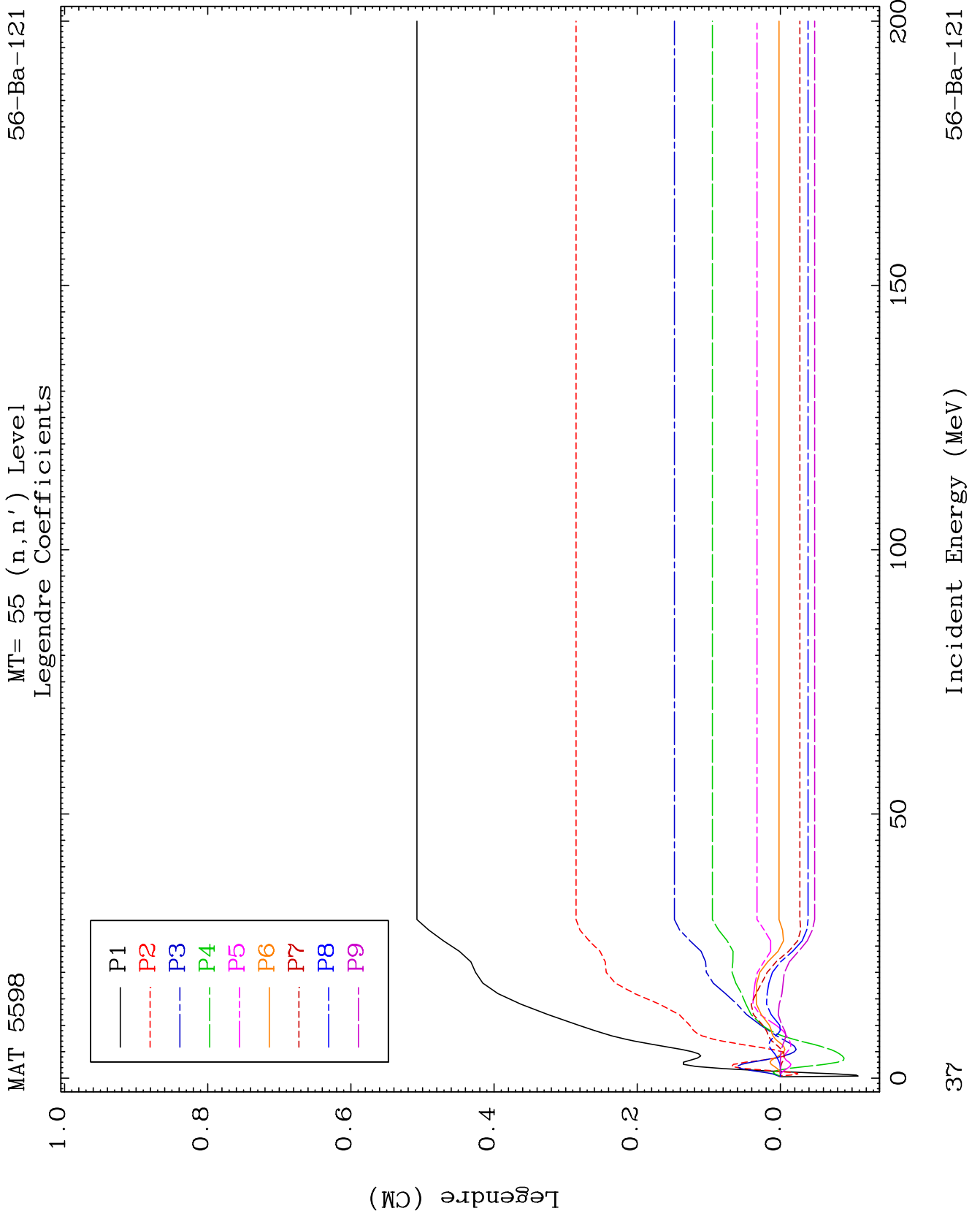
MT= 54 (n,n') Level  
Legendre Coefficients

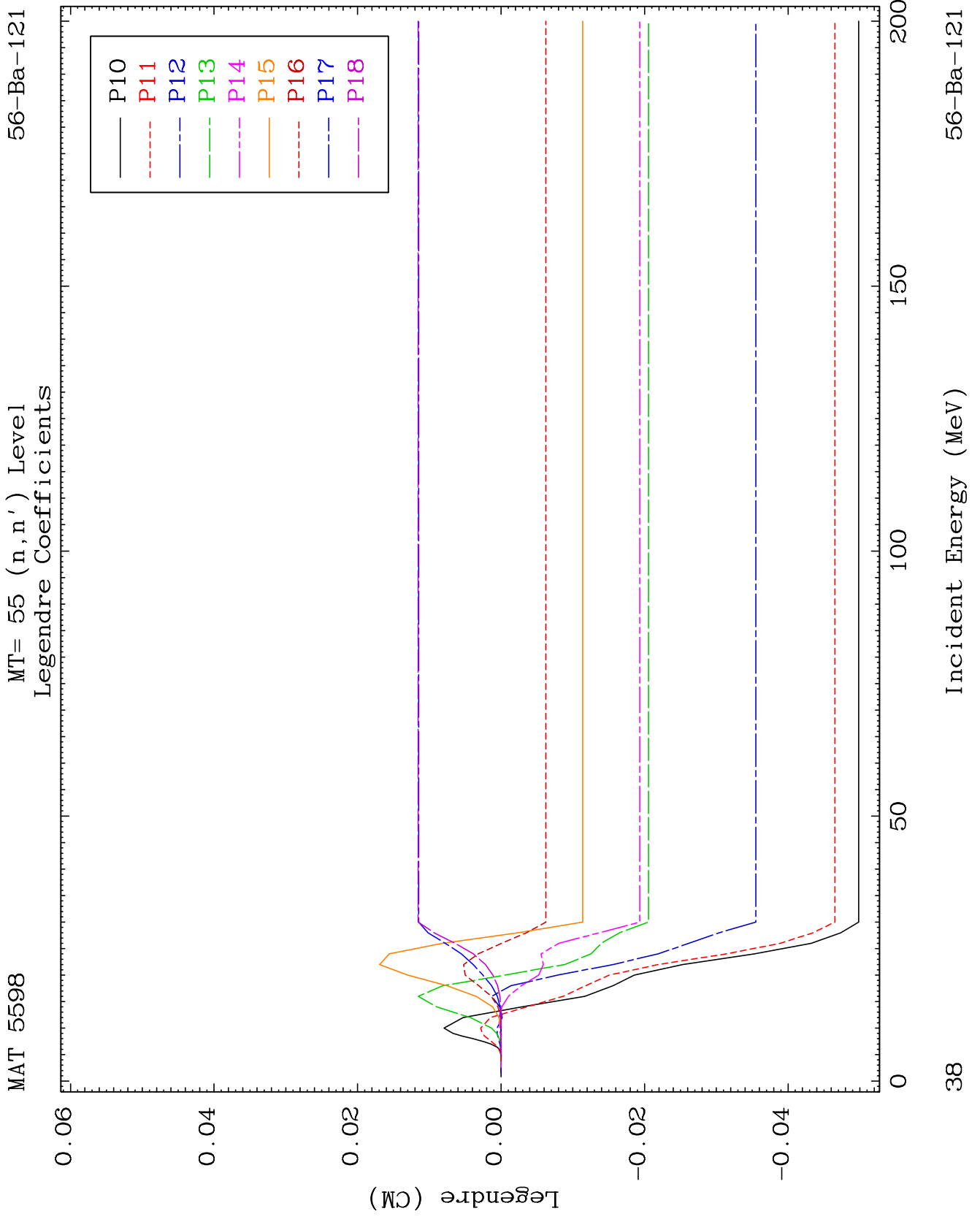
56-Ba-121



36

56-Ba-121

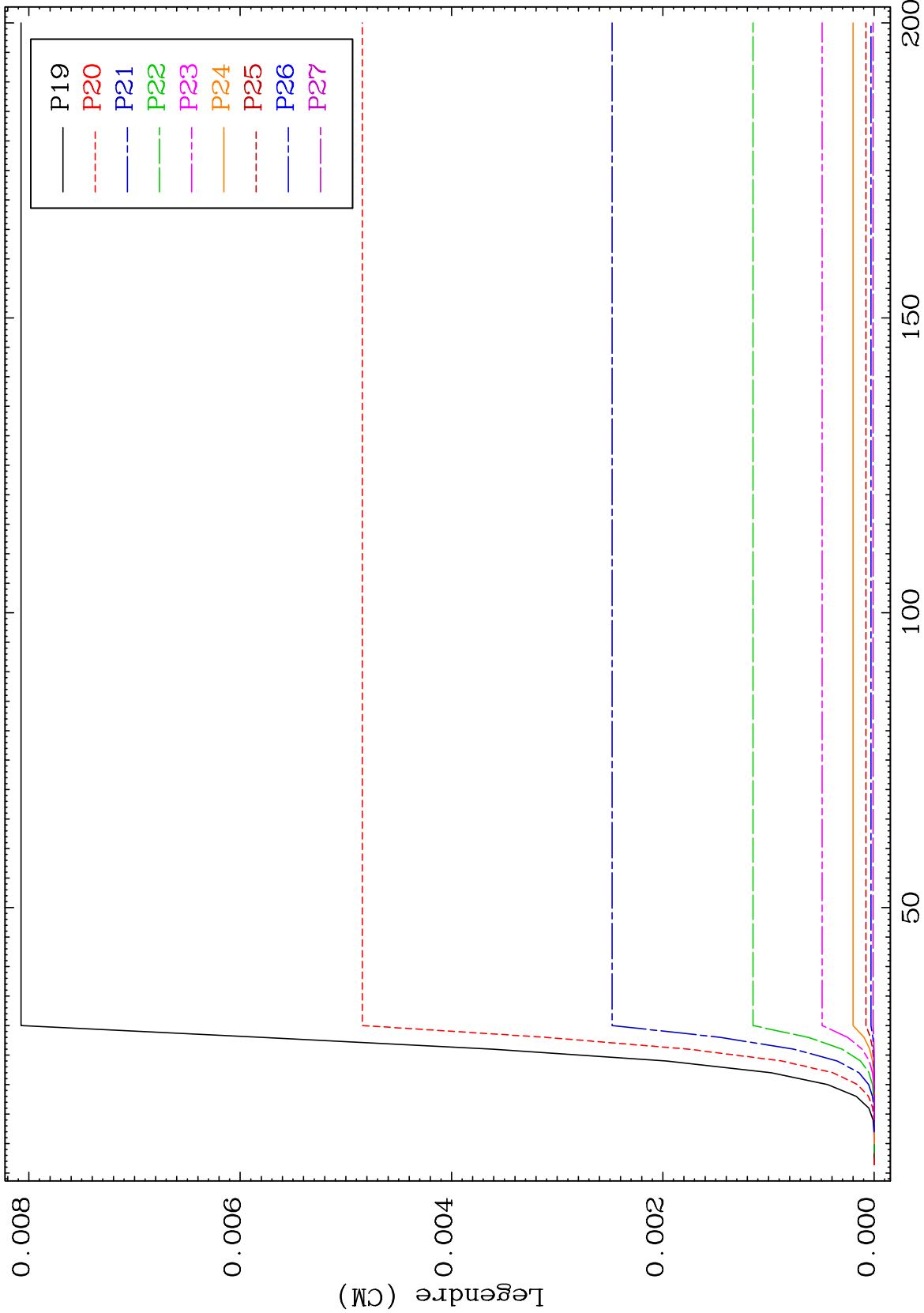




MAT 5598

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

56-Ba-121



39

Incident Energy (MeV)

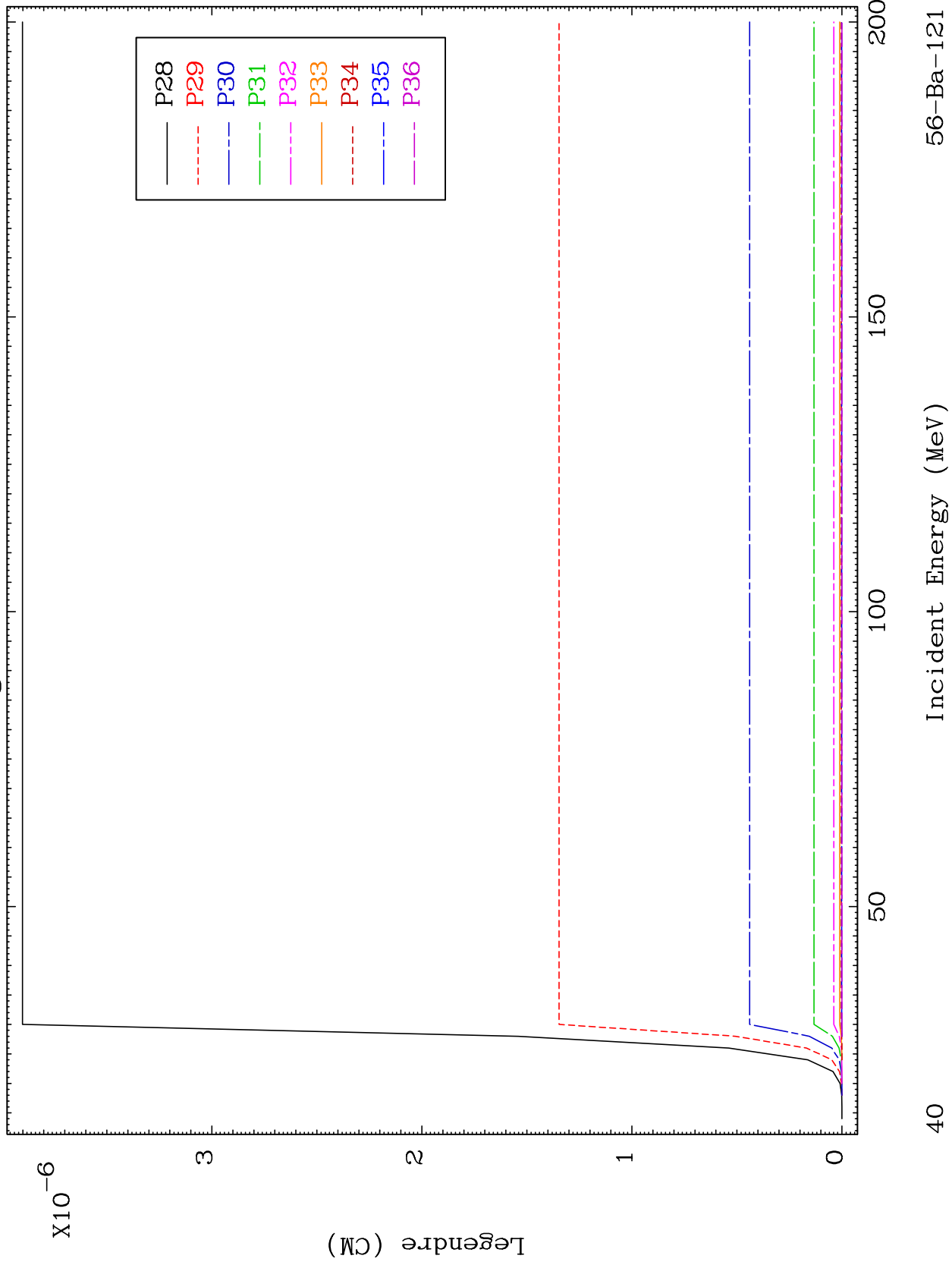
56-Ba-121



MAT 5598

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

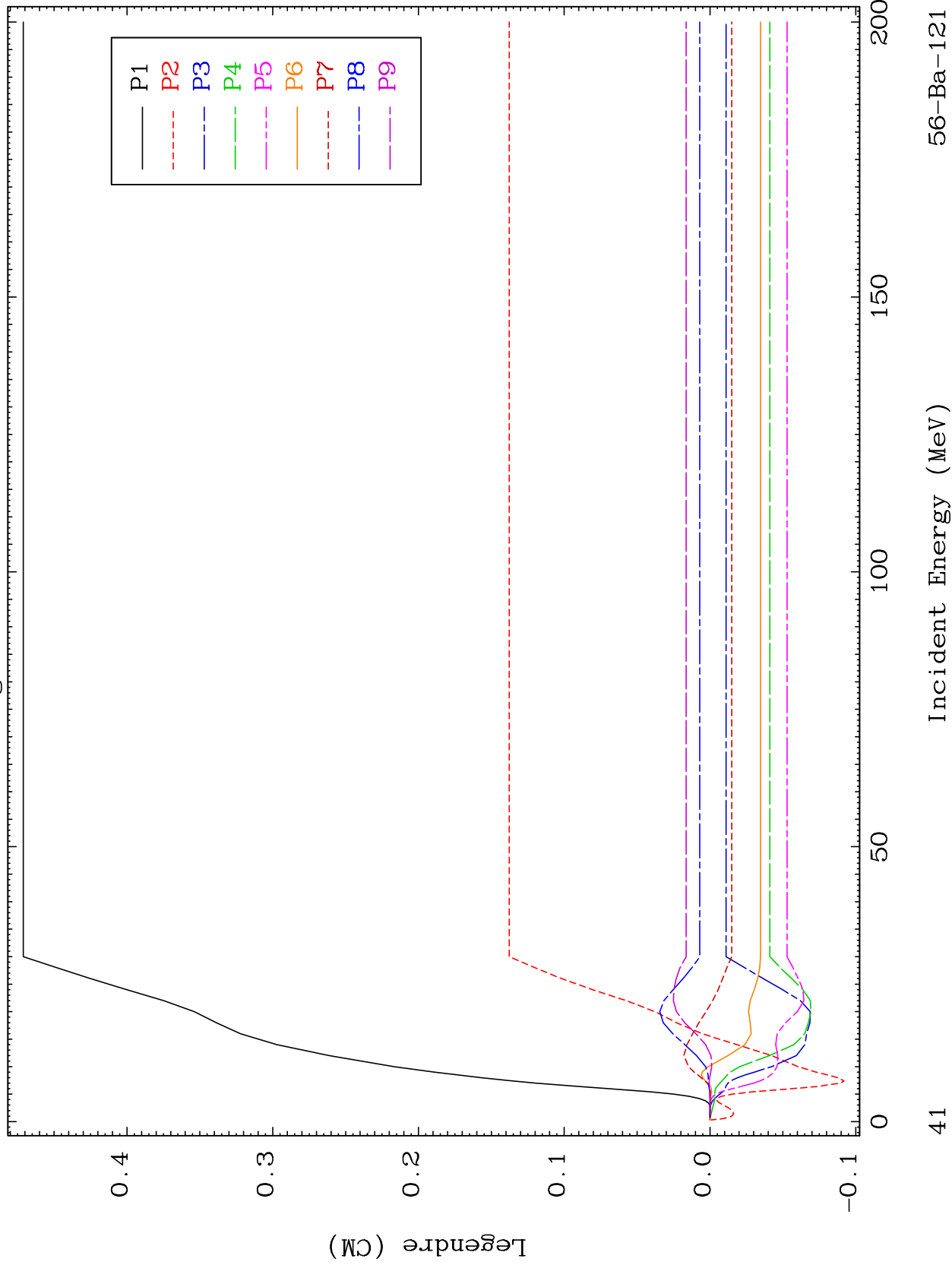
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

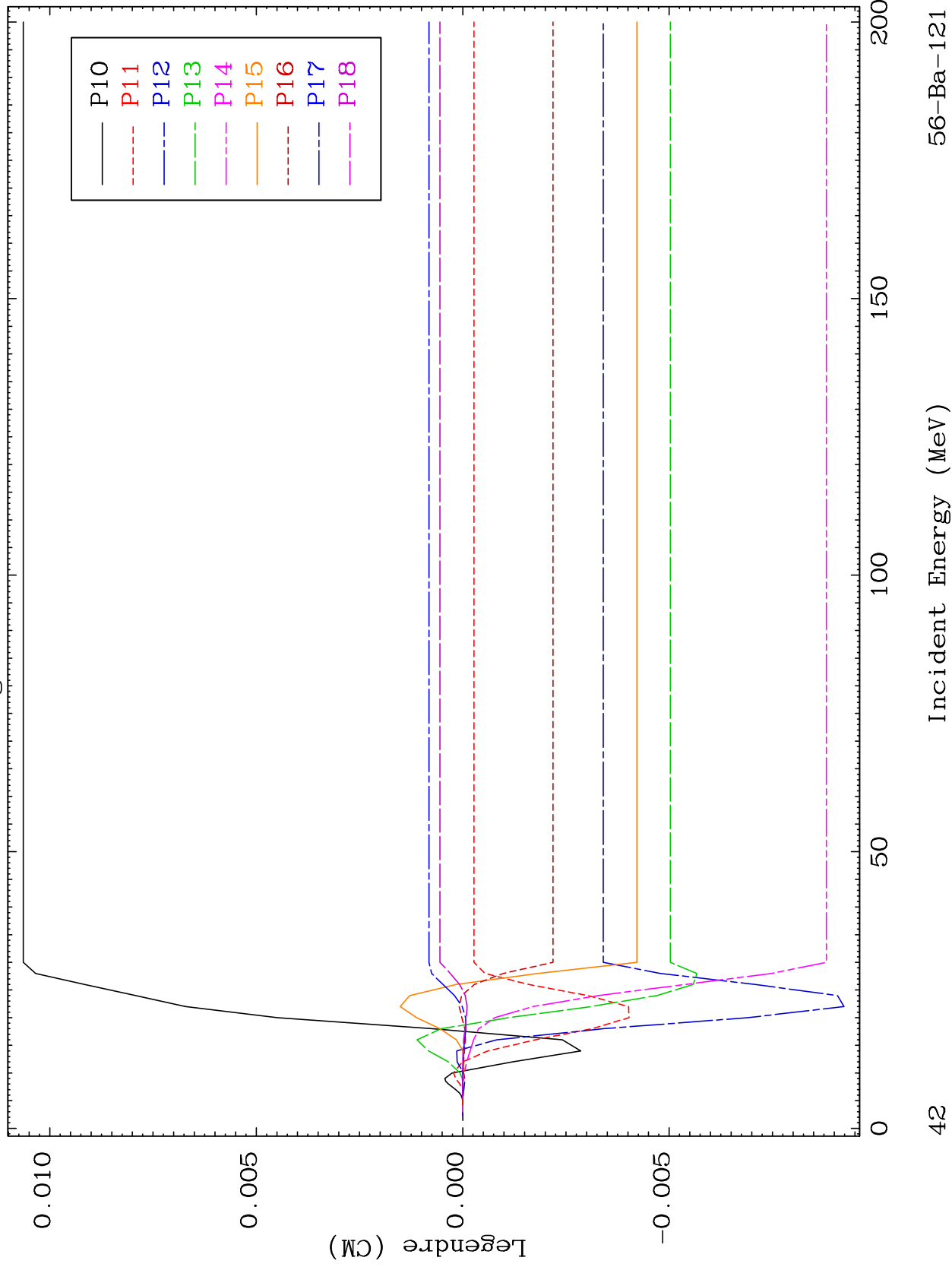
Incident Energy (MeV)

41

MAT 5598

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

56-Ba-121



56-Ba-121

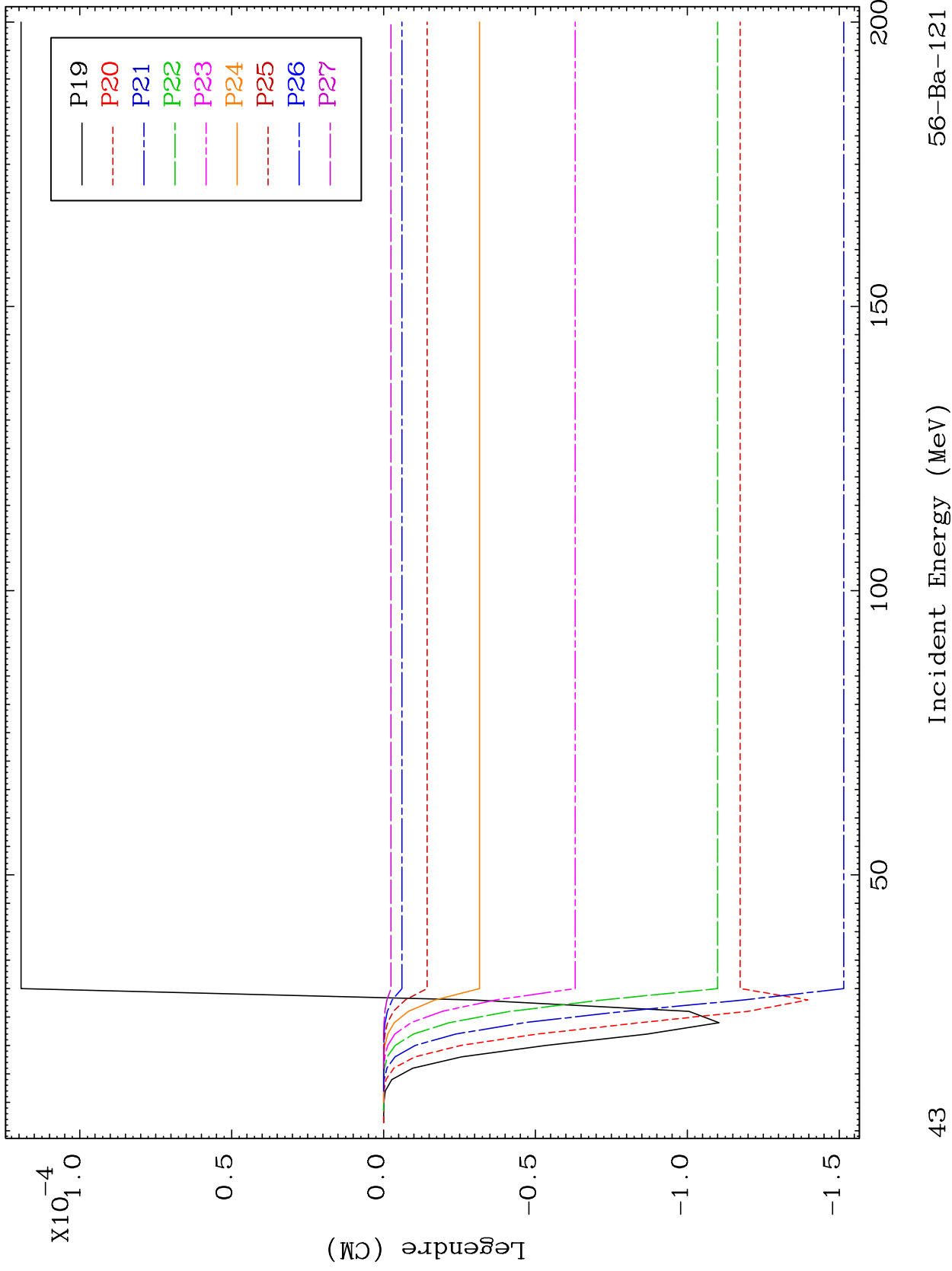
Incident Energy (MeV)

42

MAT 5598

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

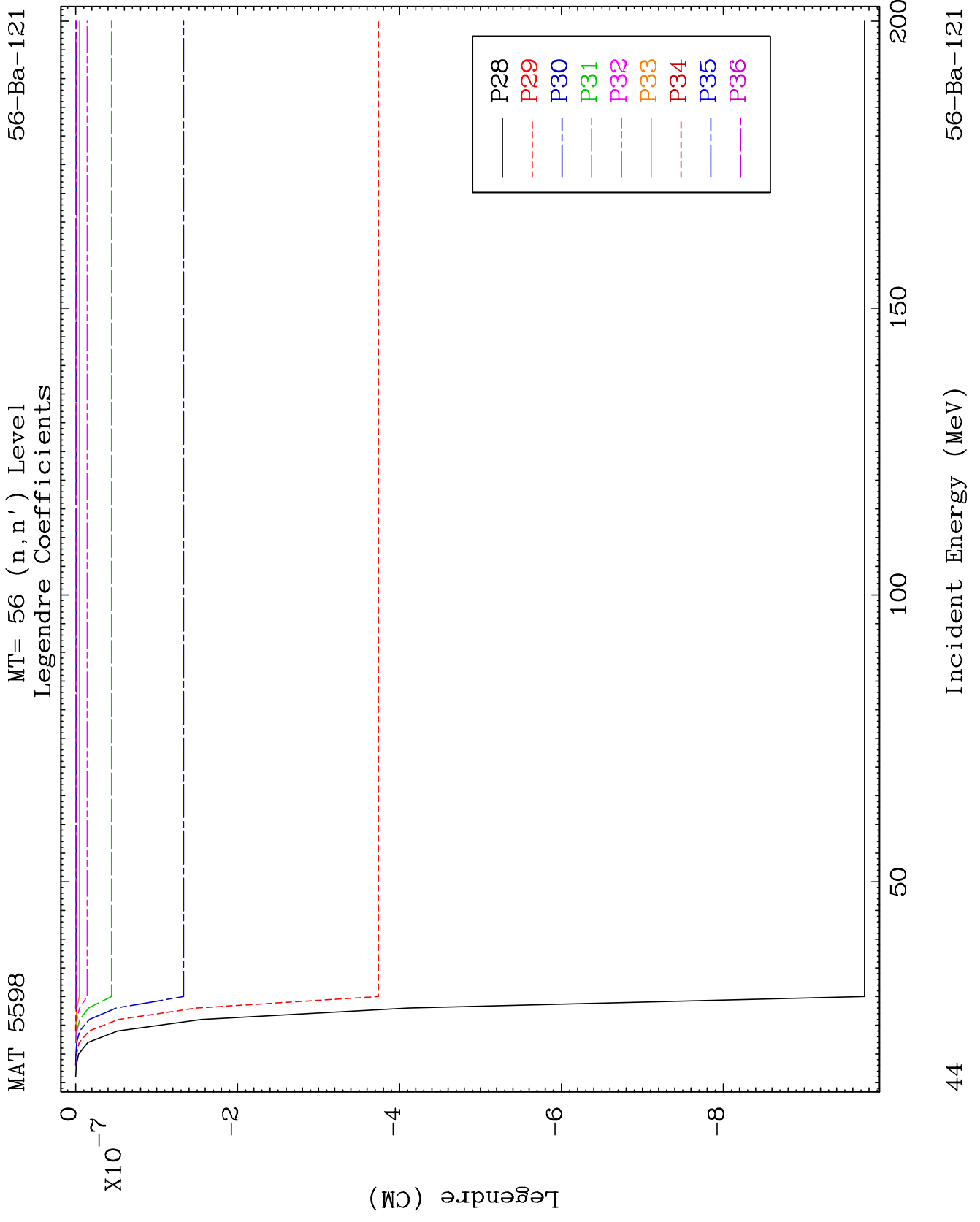
56-Ba-121



43

Incident Energy (MeV)

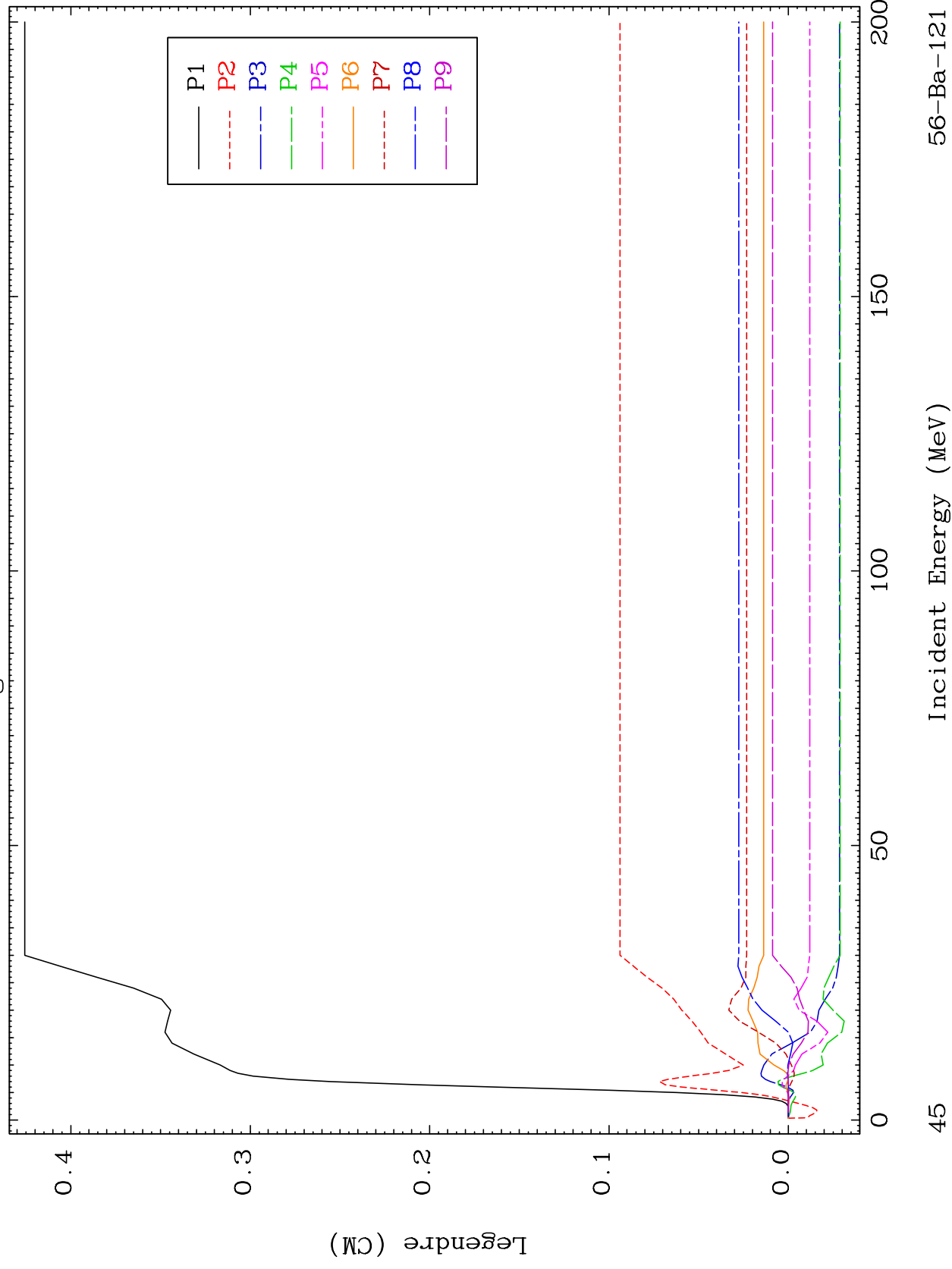
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

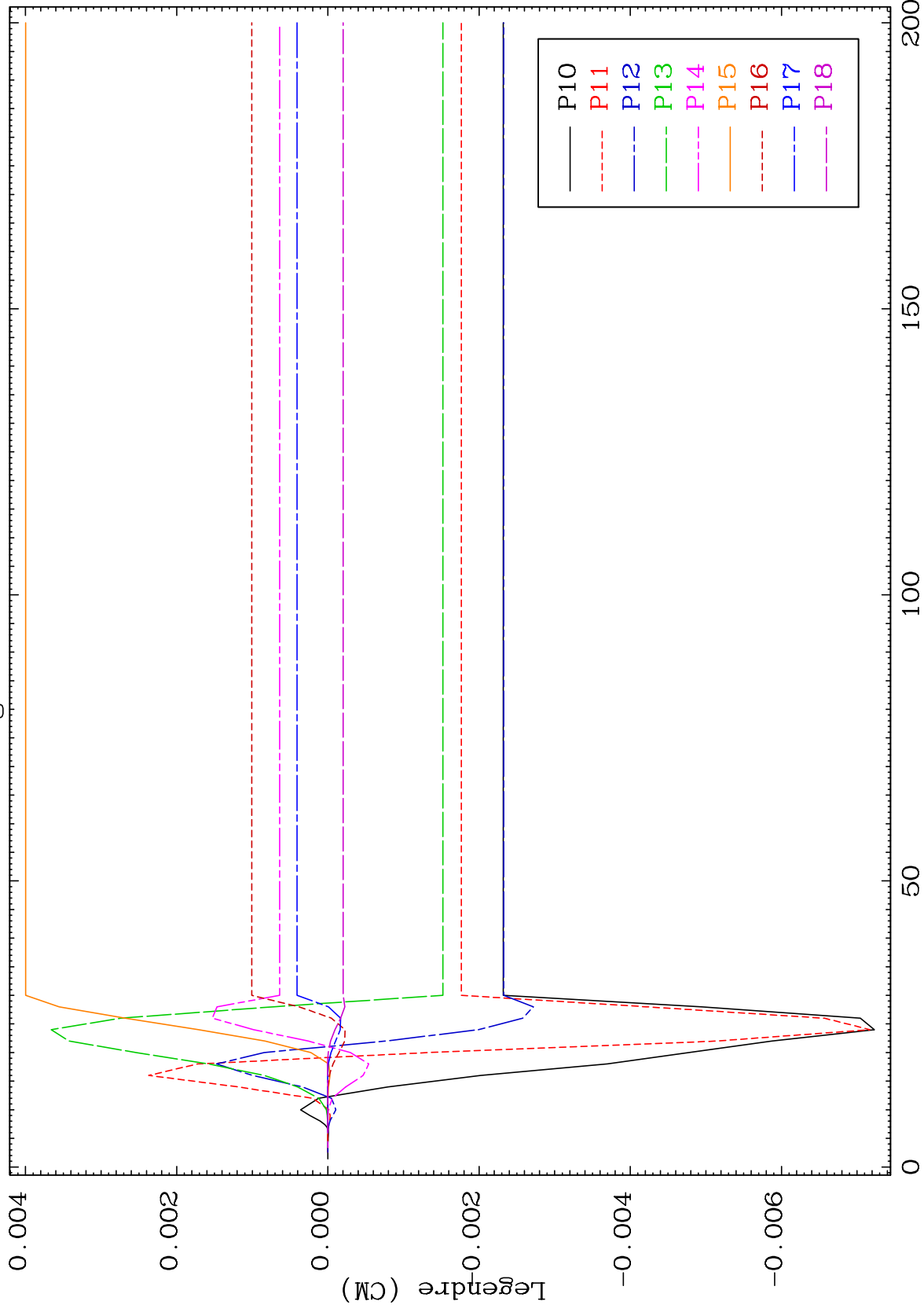
Incident Energy (MeV)

45

MAT 5598

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

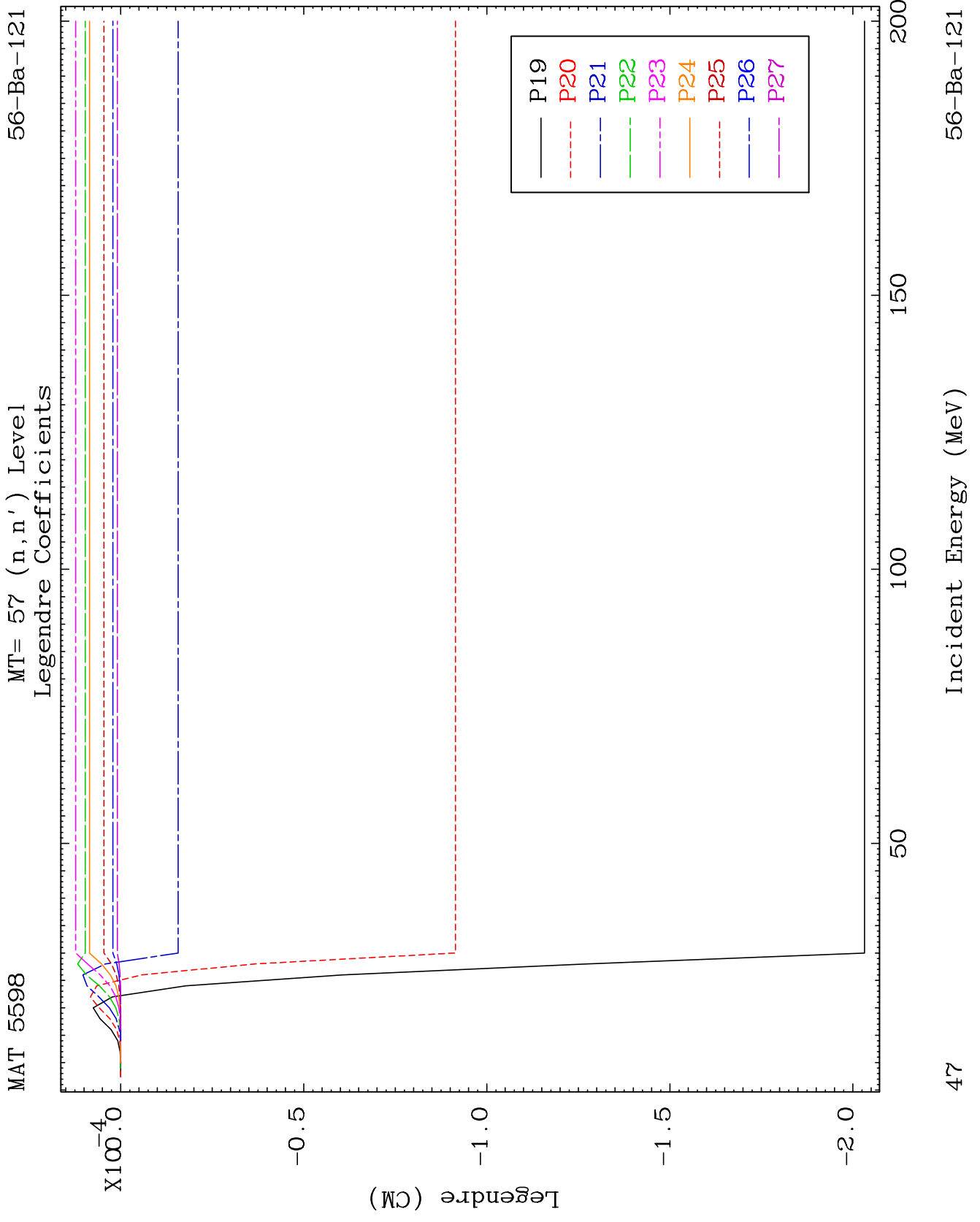
56-Ba-121



46

Incident Energy (MeV)

56-Ba-121

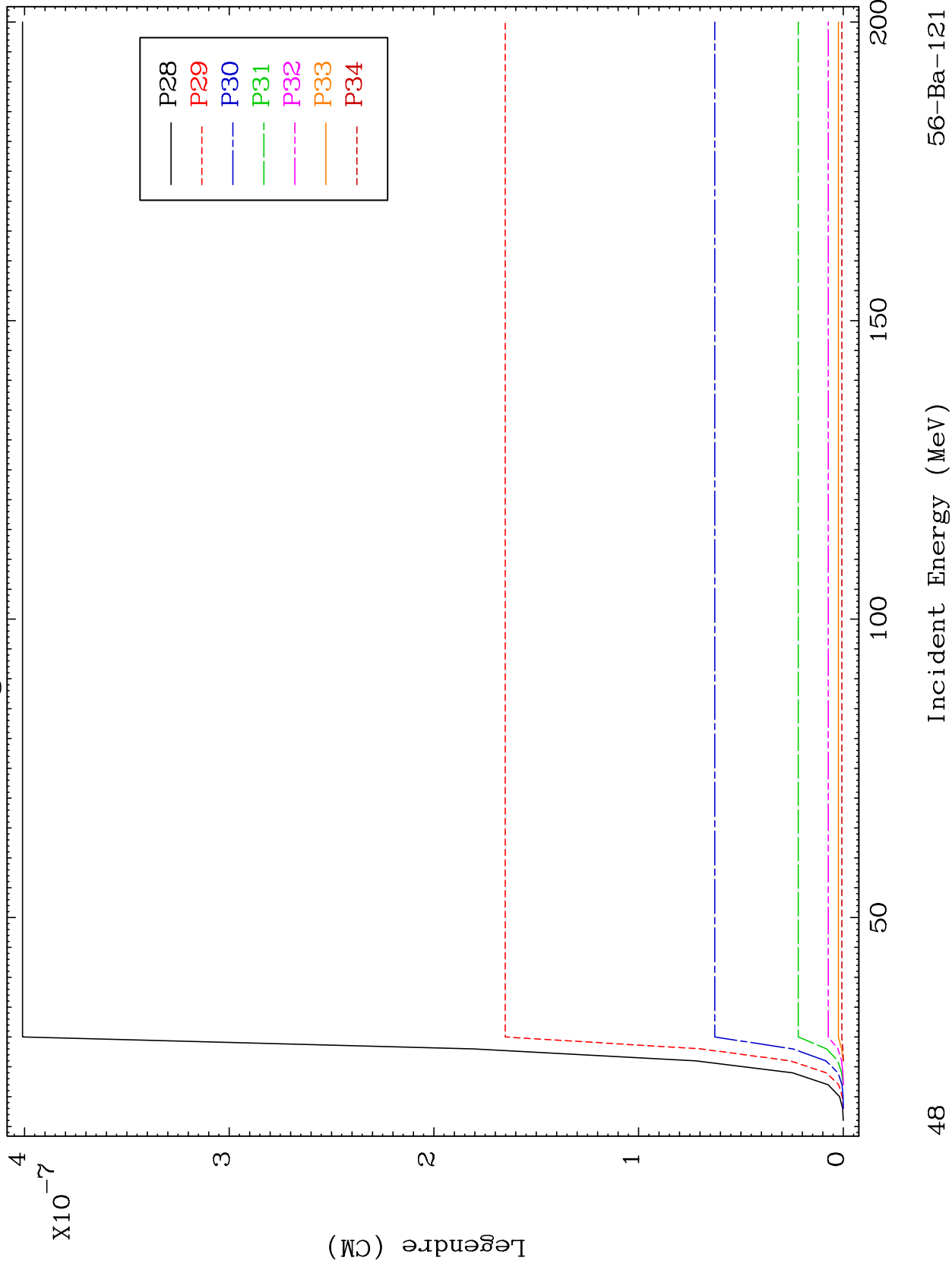




MAT 5598

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

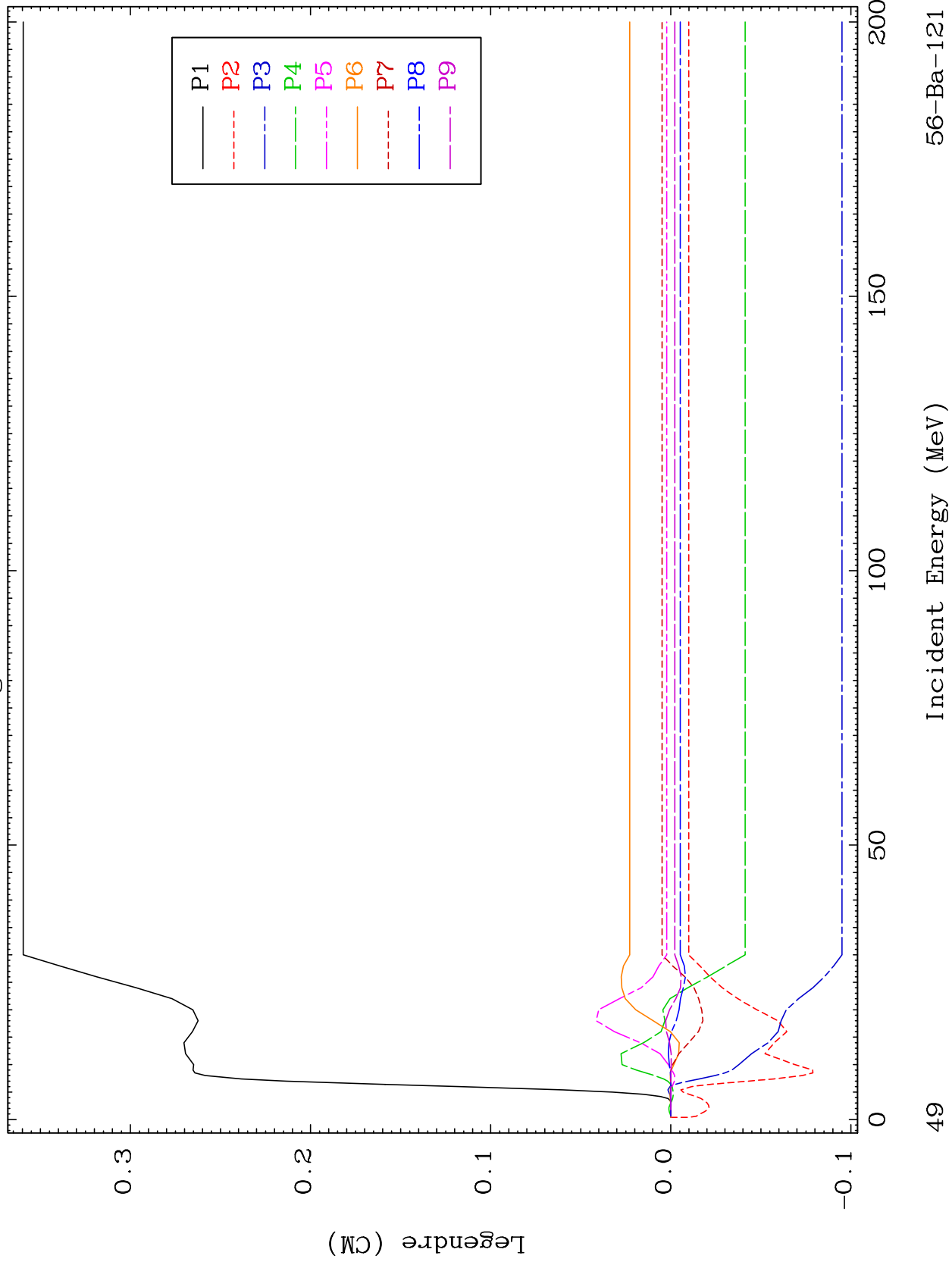
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

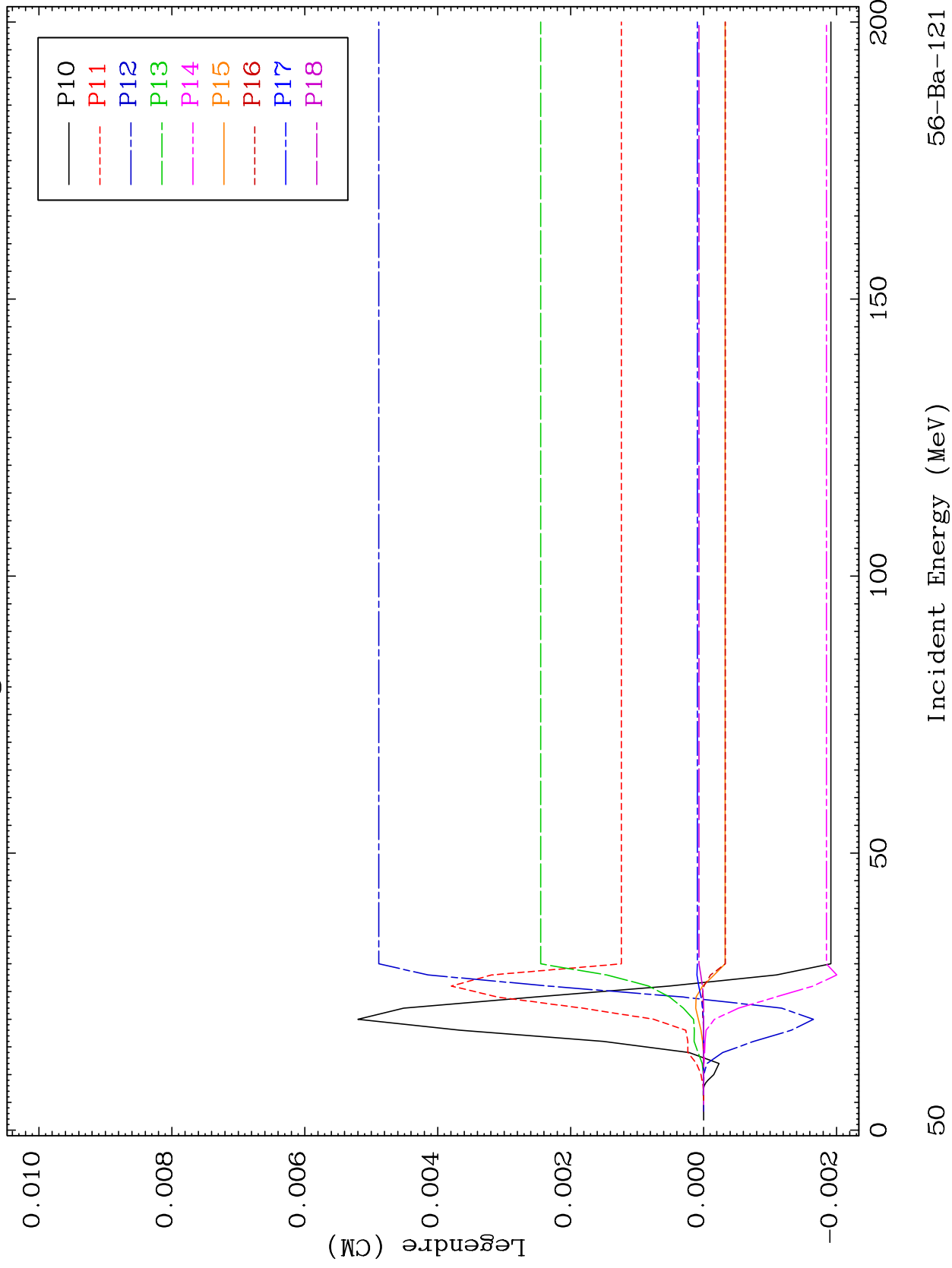
Incident Energy (MeV)

49

MAT 5598

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

56-Ba-121



56-Ba-121

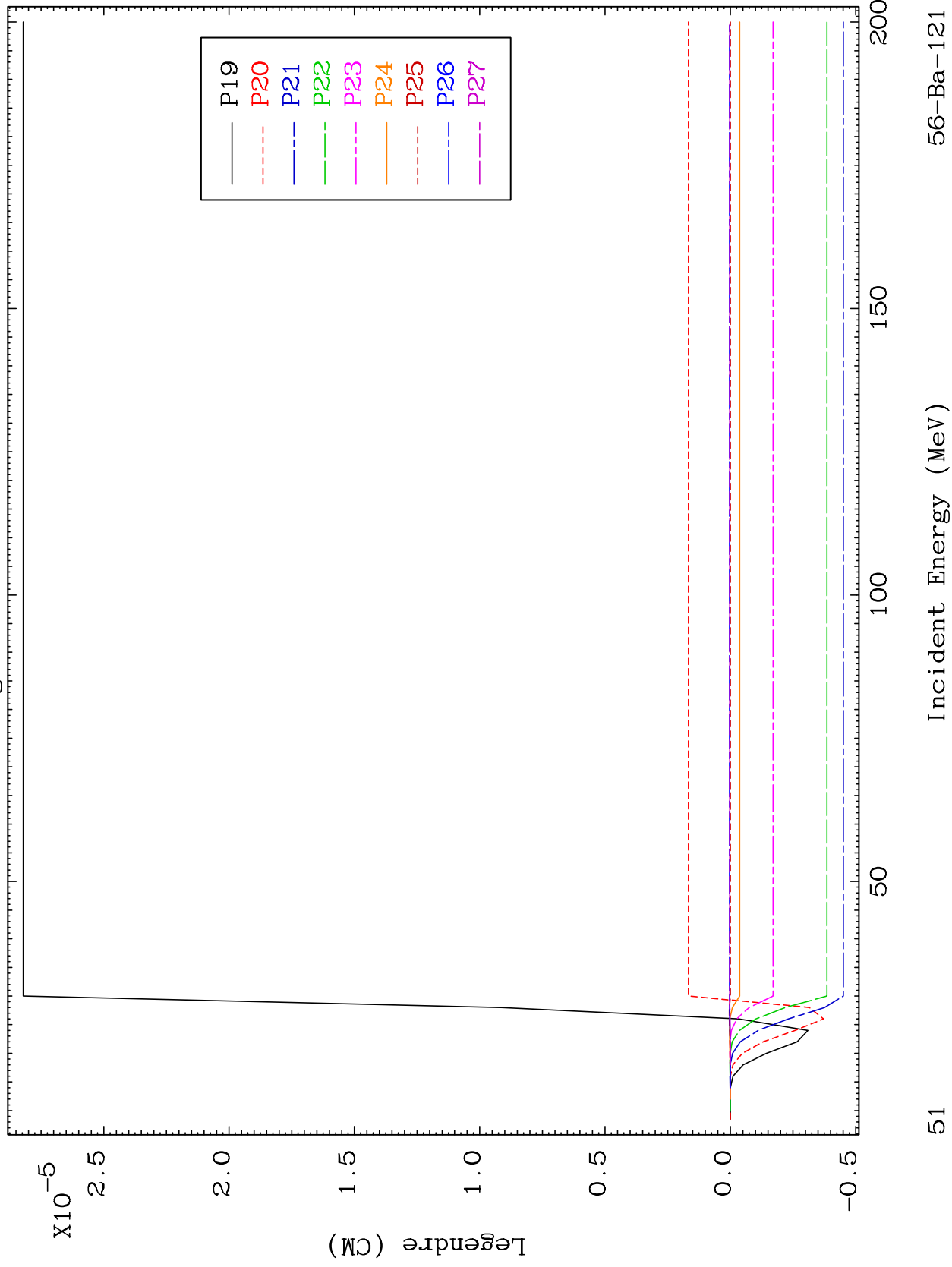
Incident Energy (MeV)

50

MAT 5598

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

56-Ba-121



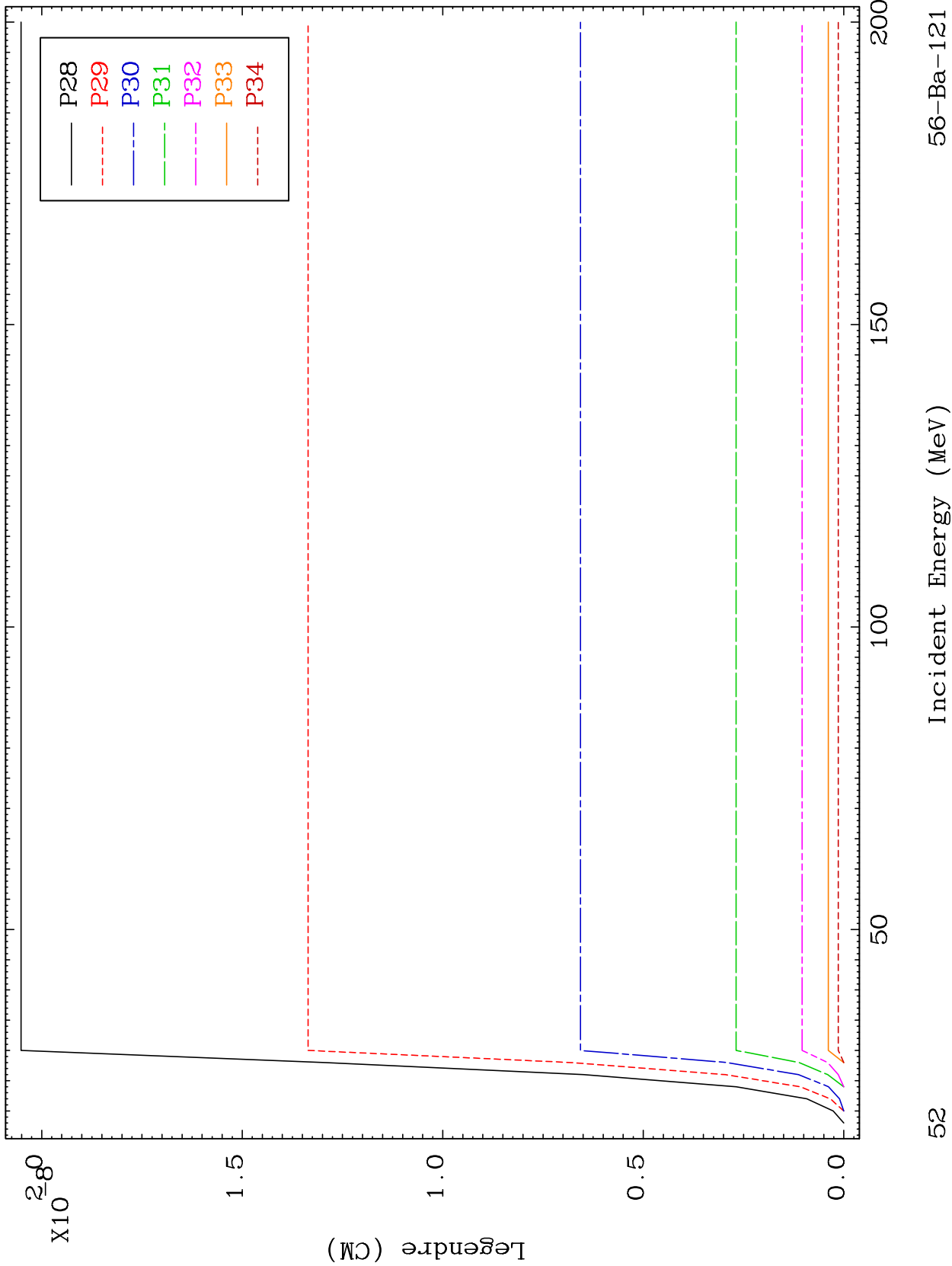
51

56-Ba-121

MAT 5598

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

56-Ba-121



52

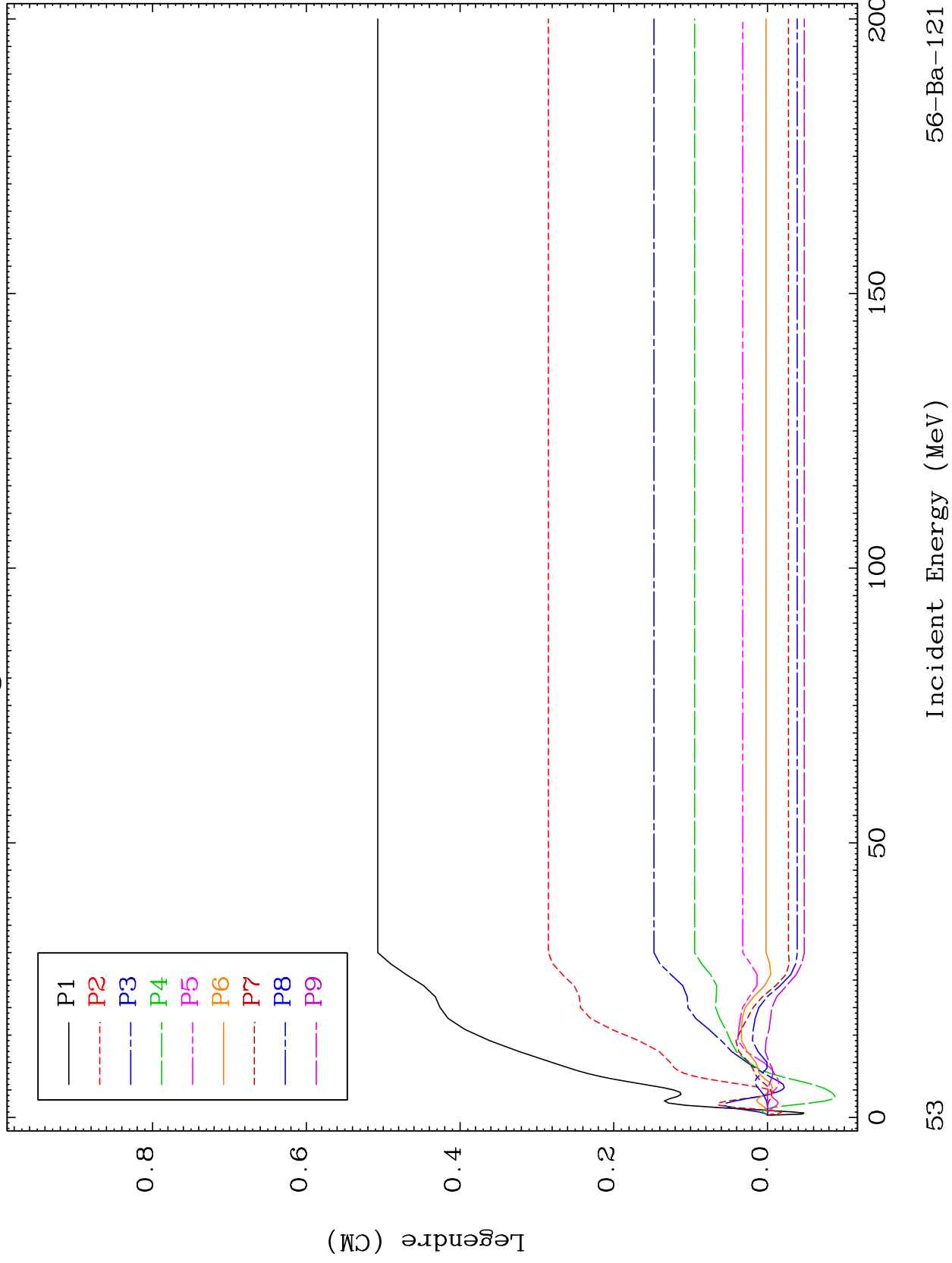
Incident Energy (MeV)

56-Ba-121

MAT 5598

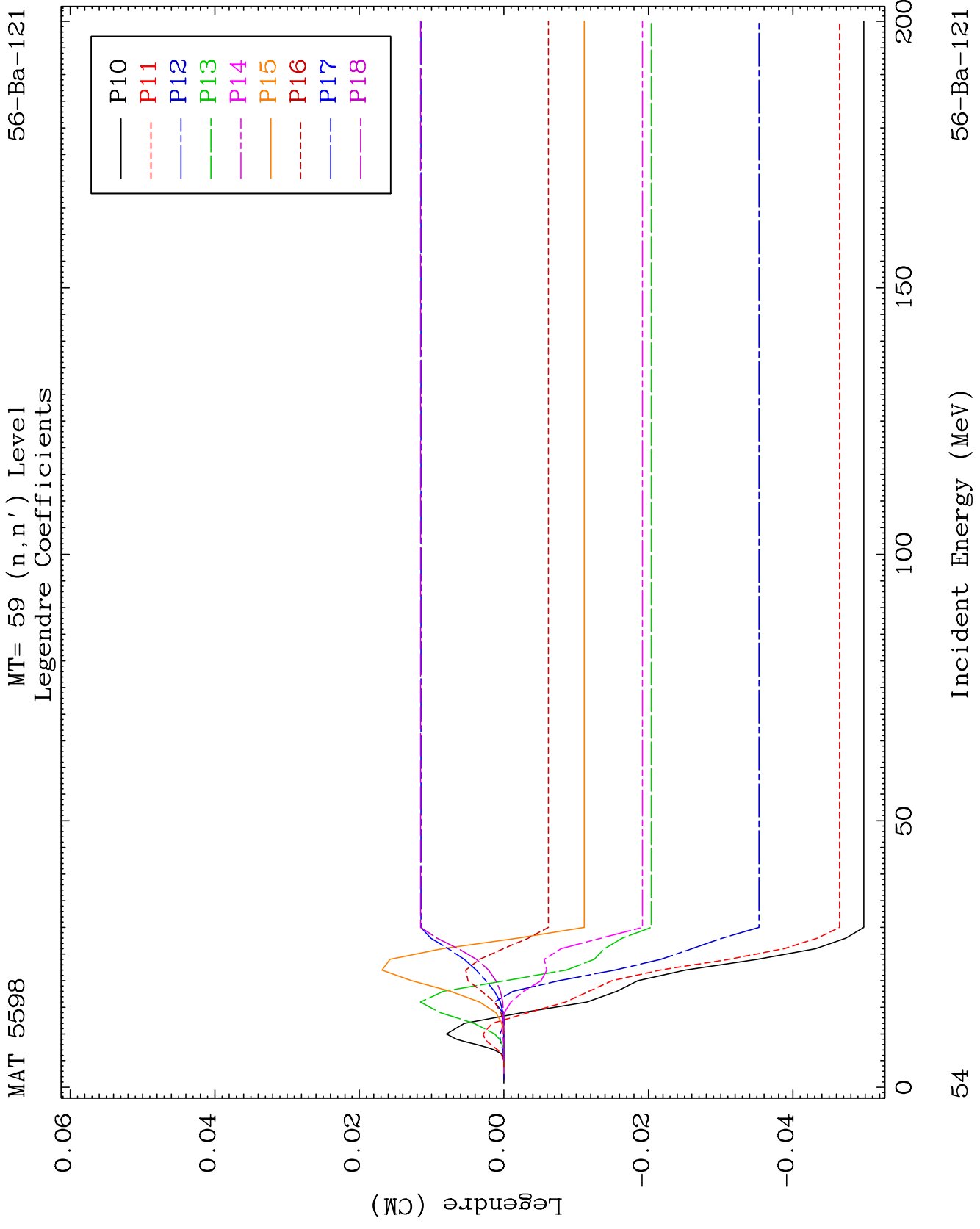
MT= 59 (n,n') Level  
Legendre Coefficients

56-Ba-121



53

56-Ba-121



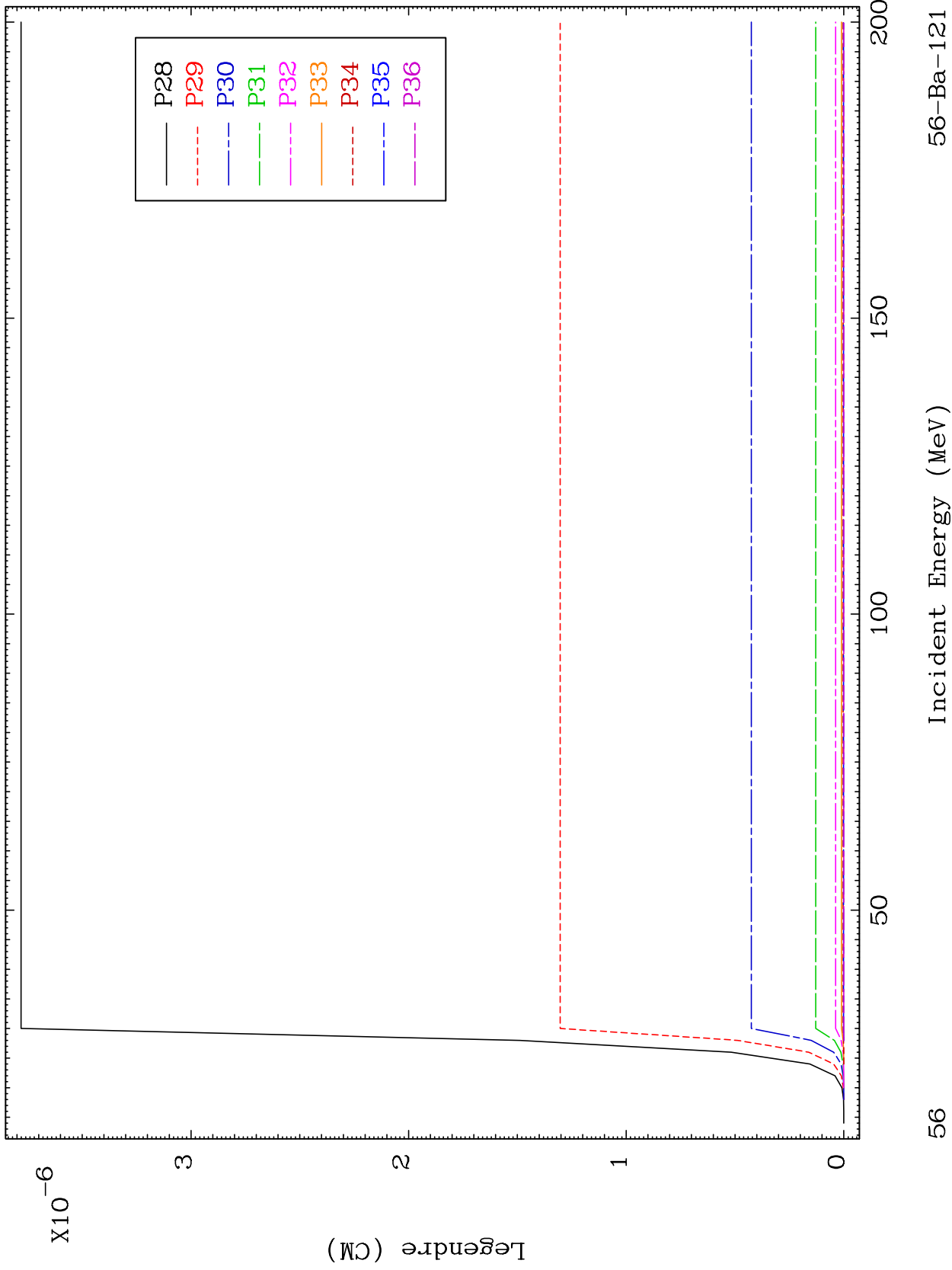




MAT 5598

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

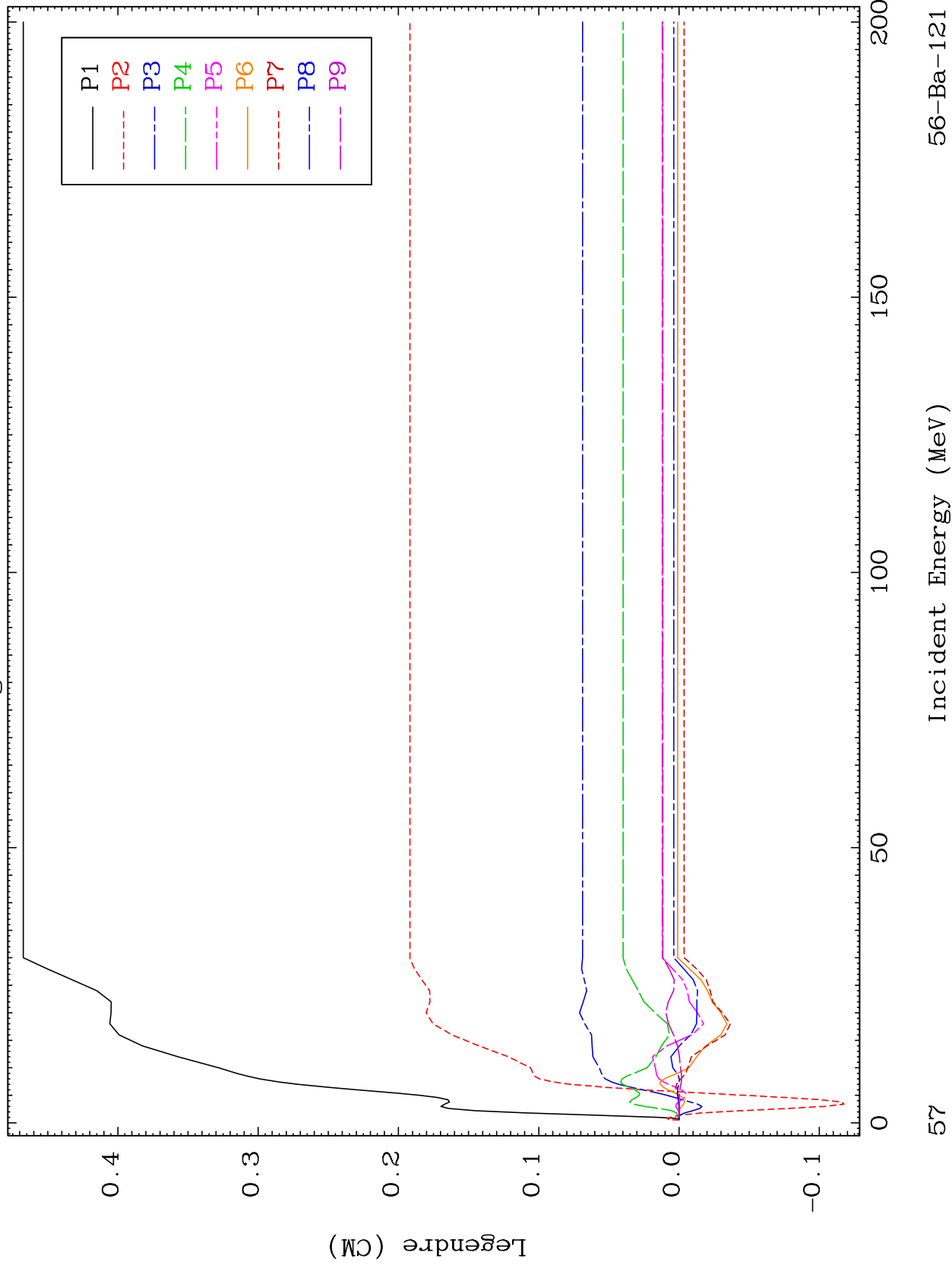
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

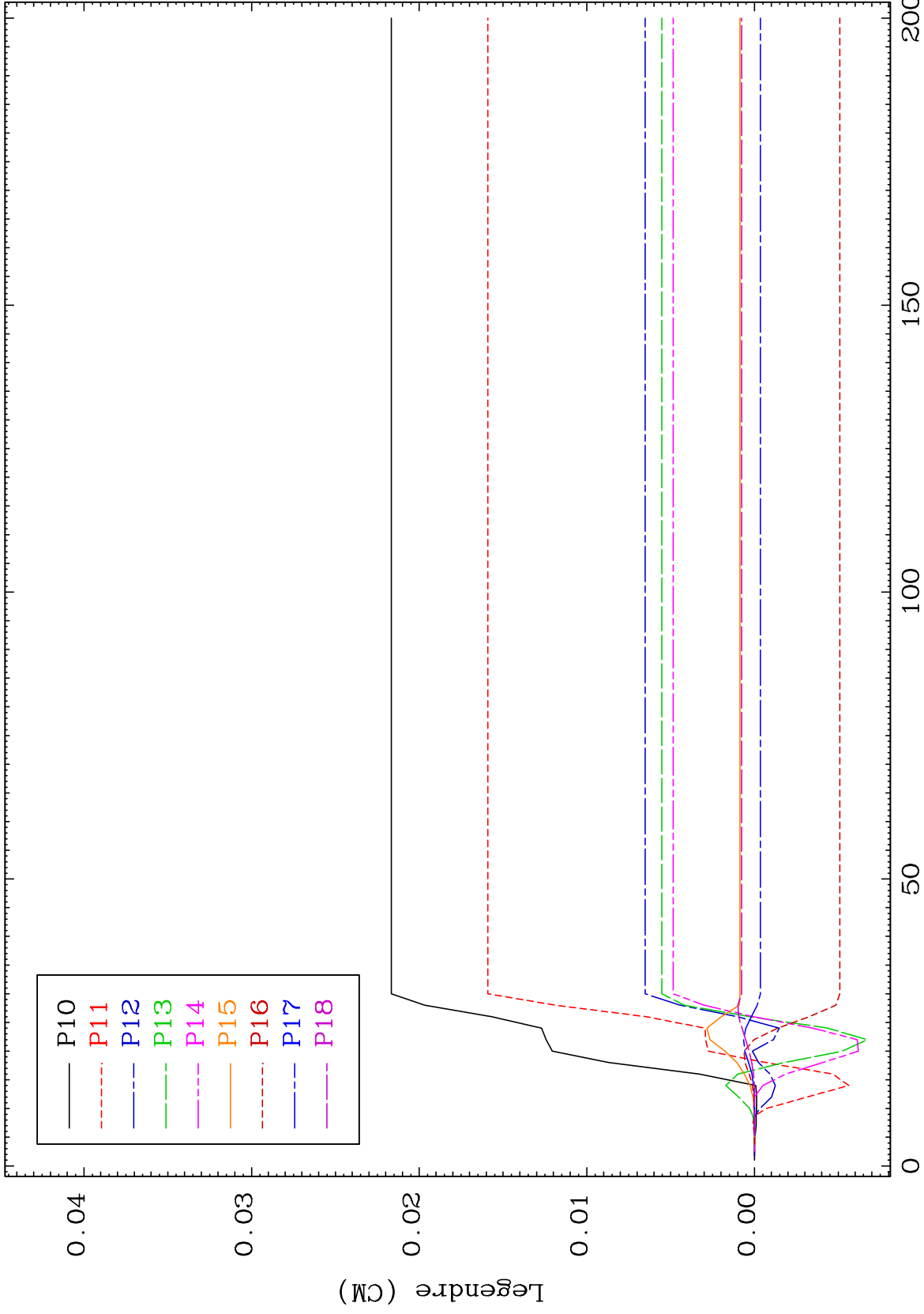
Incident Energy (MeV)

57

MAT 5598

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

56-Ba-121



58

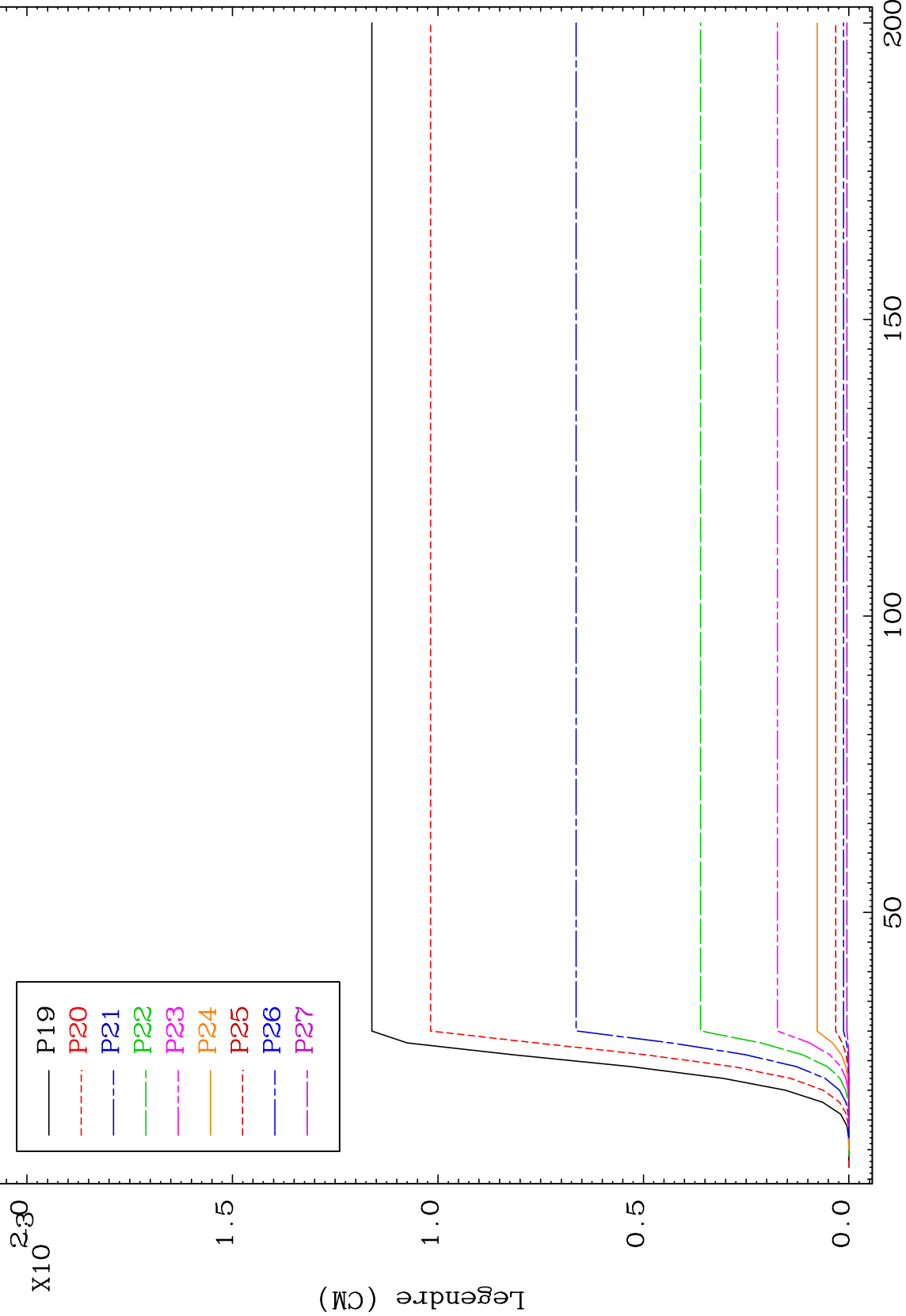
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



59

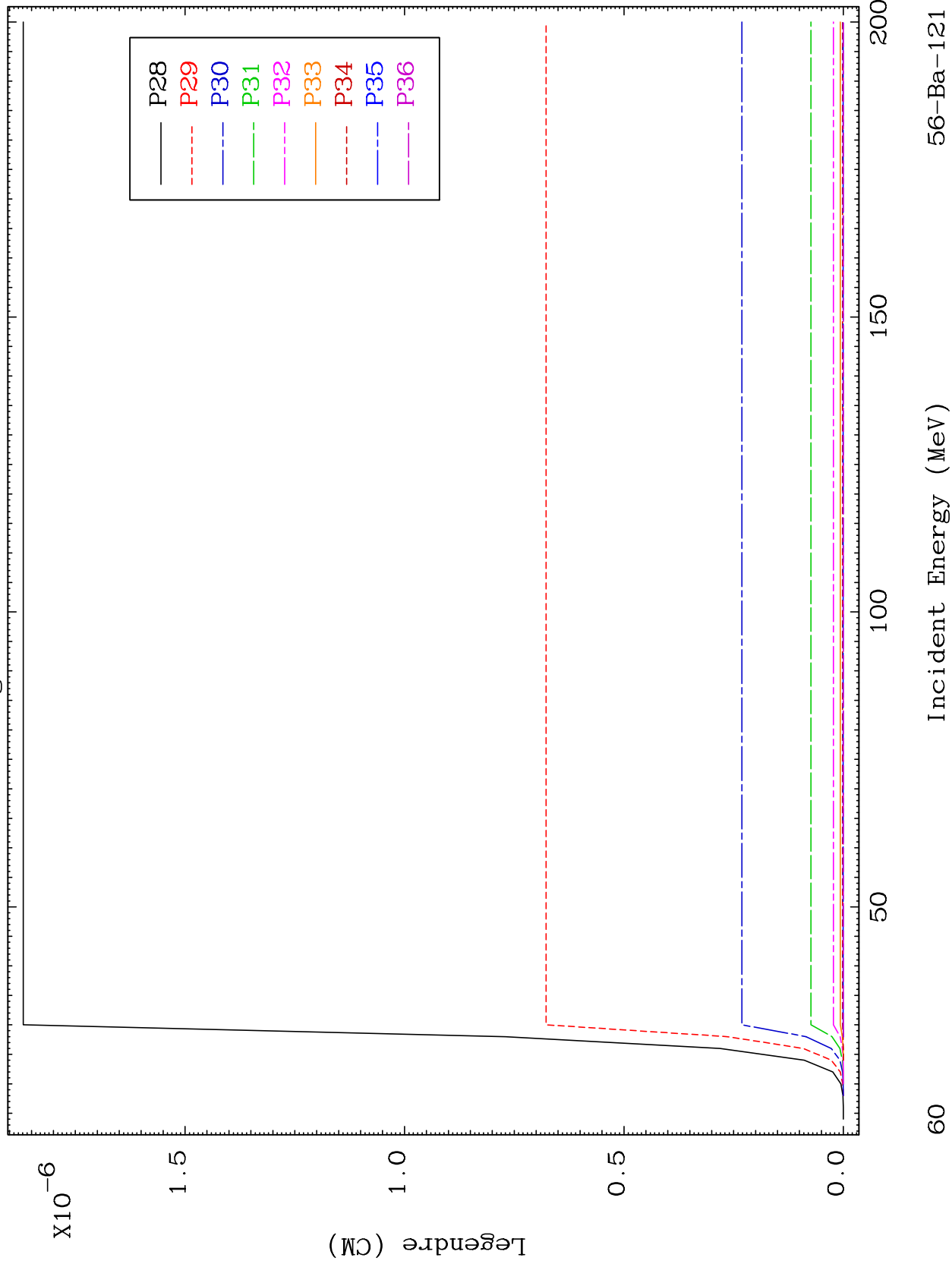
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

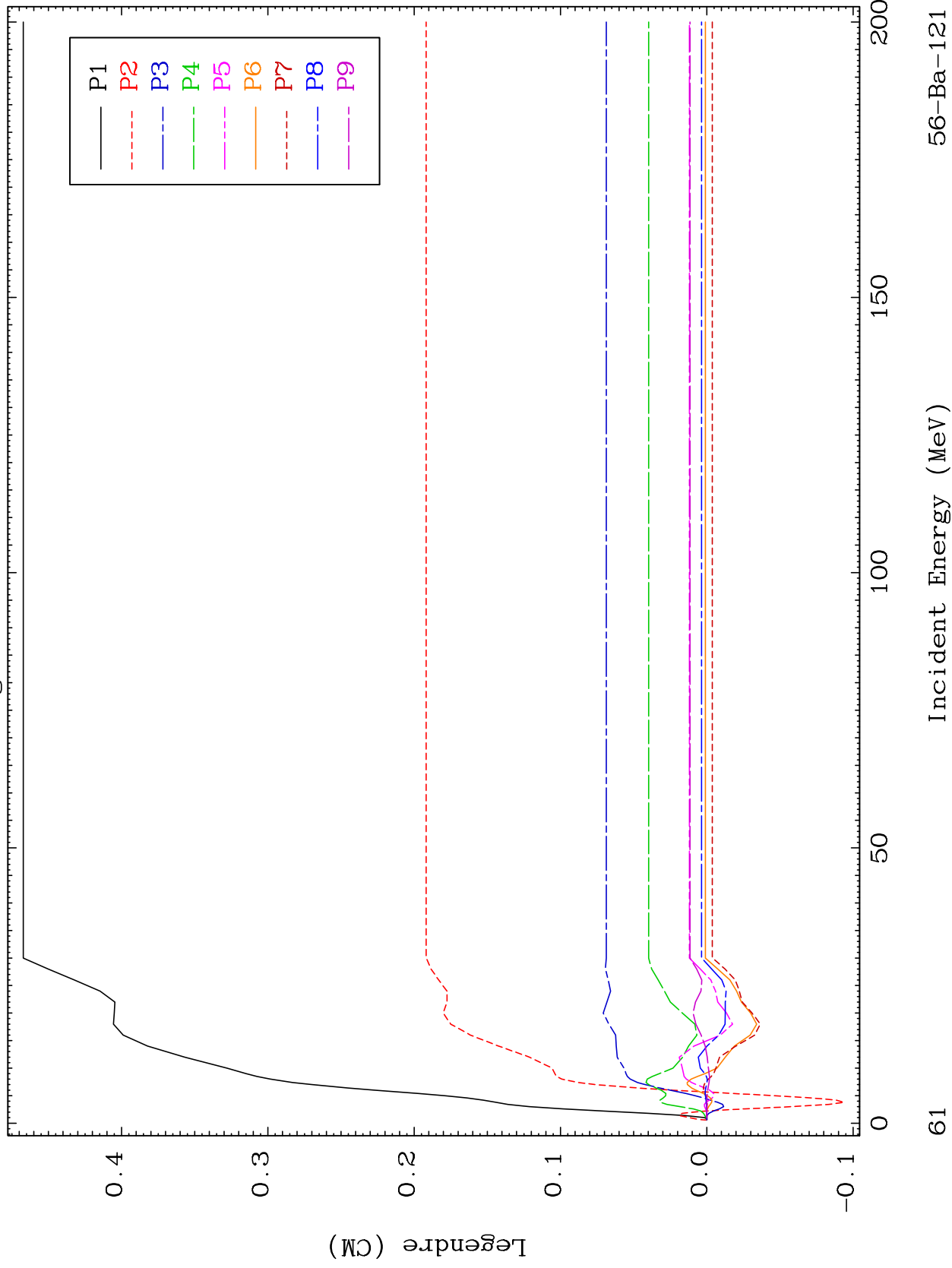
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

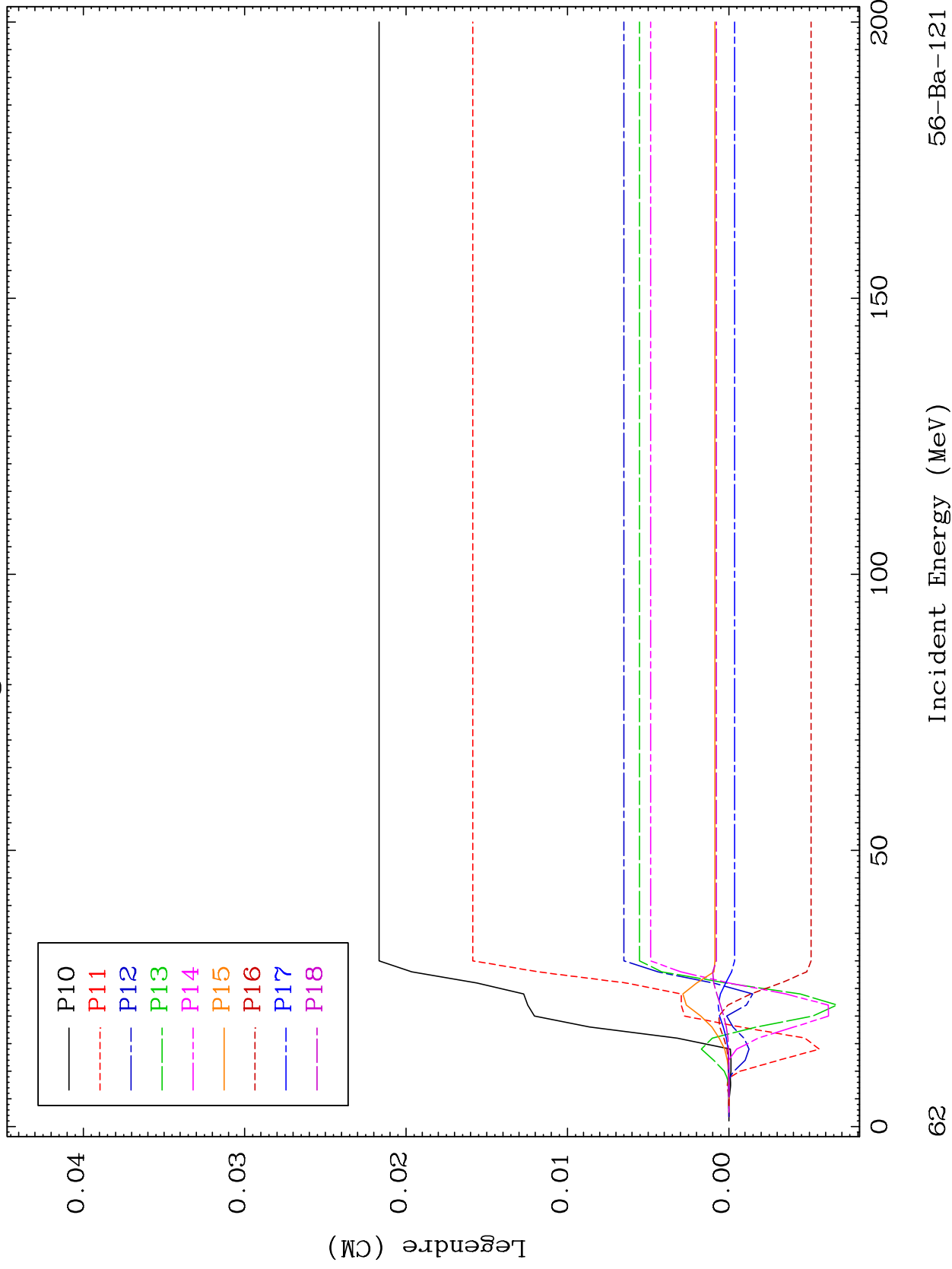
Incident Energy (MeV)

61

MAT 5598

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

56-Ba-121



56-Ba-121

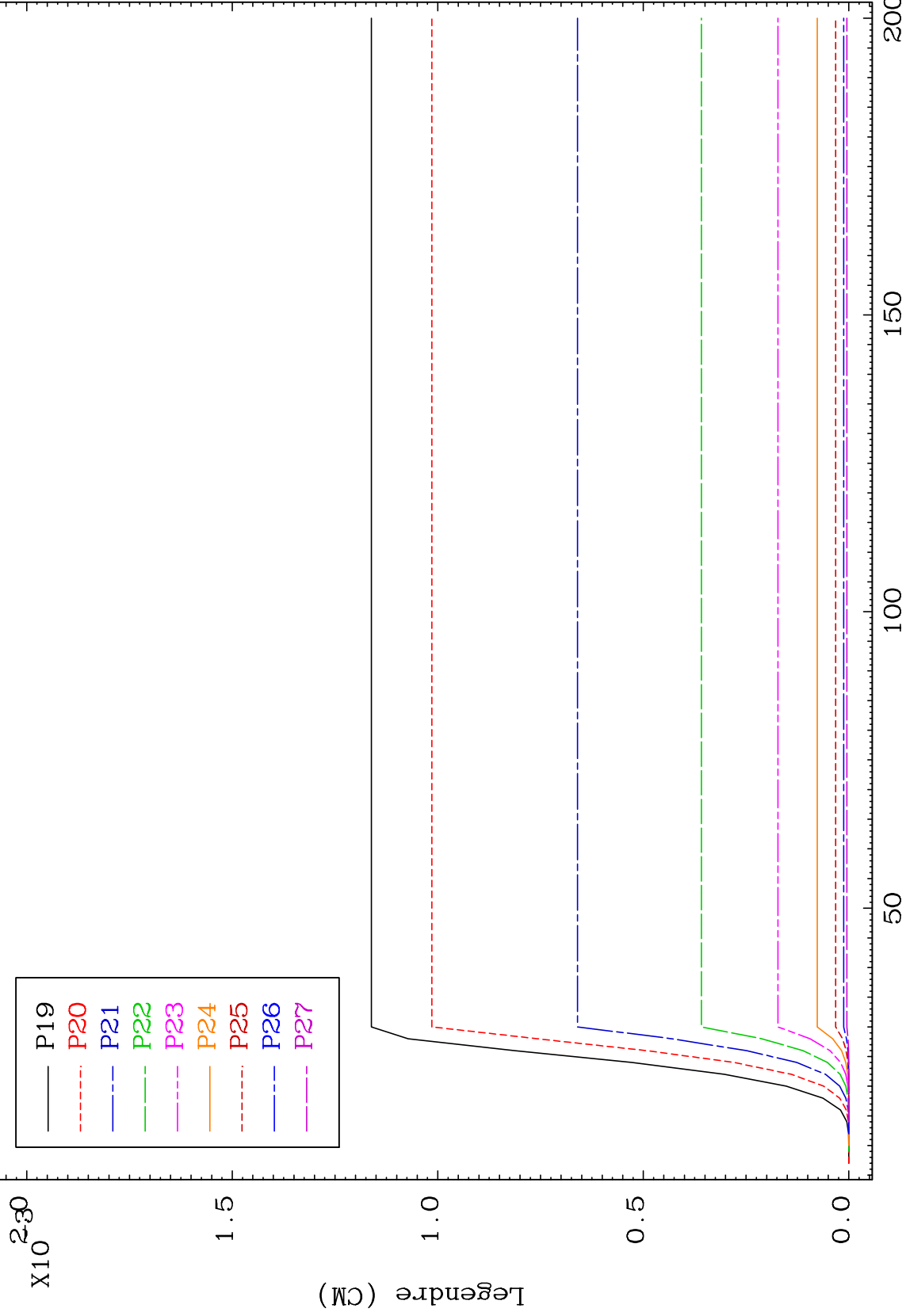
Incident Energy (MeV)

62

MAT 5598

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

56-Ba-121



63

Incident Energy (MeV)

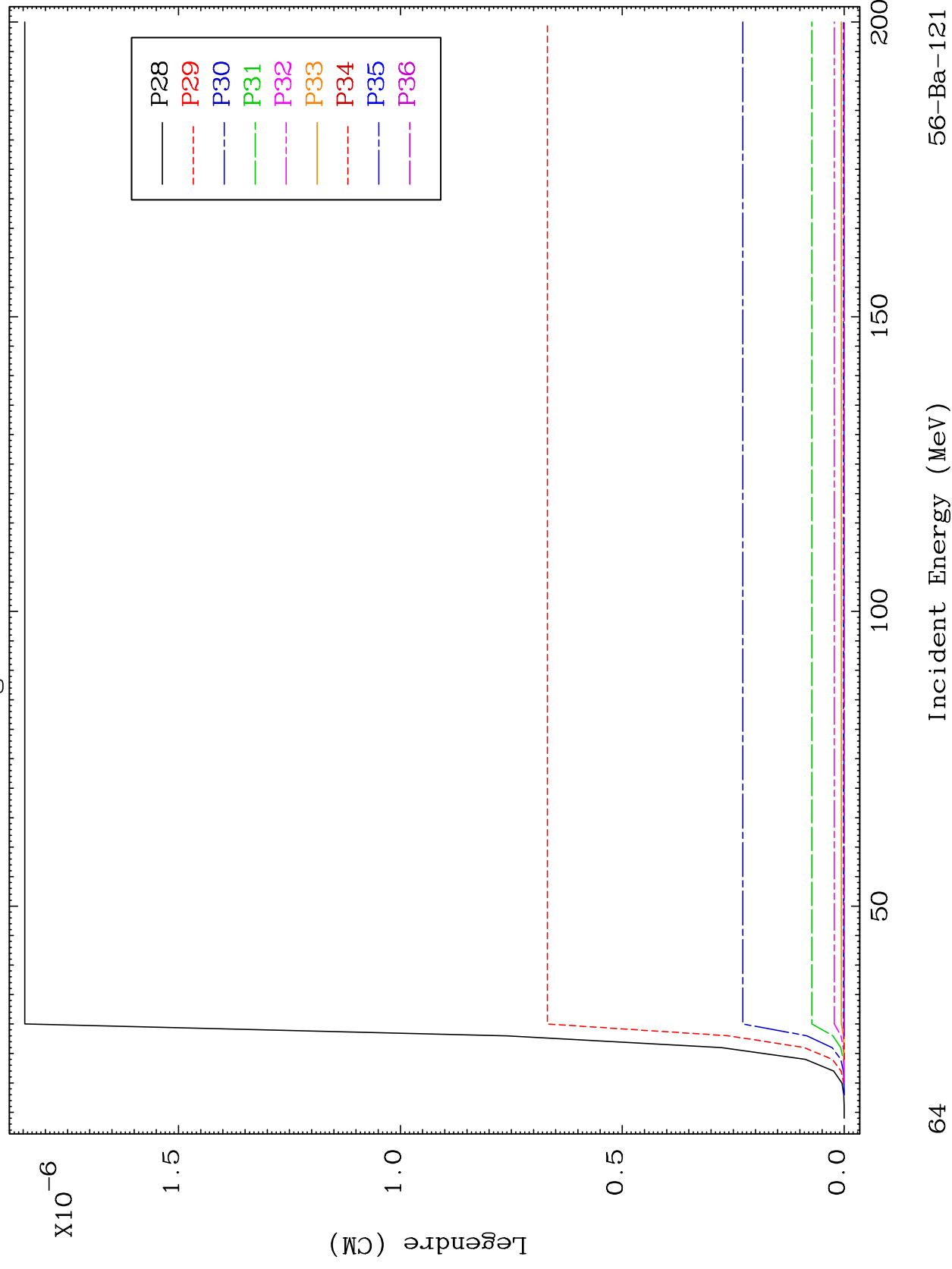
56-Ba-121



MAT 5598

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

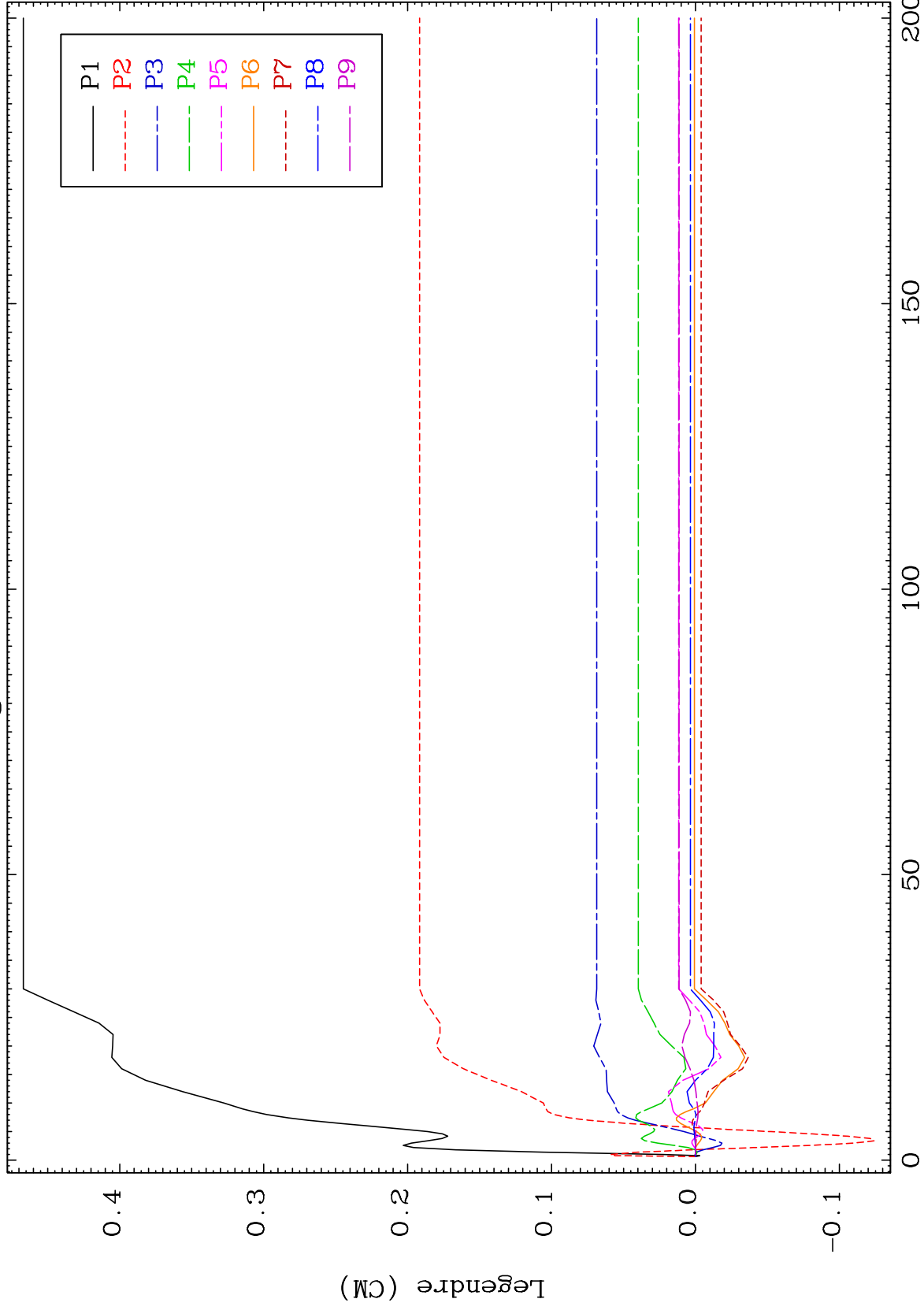
56-Ba-121



MAT 5598

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

56-Ba-121



65

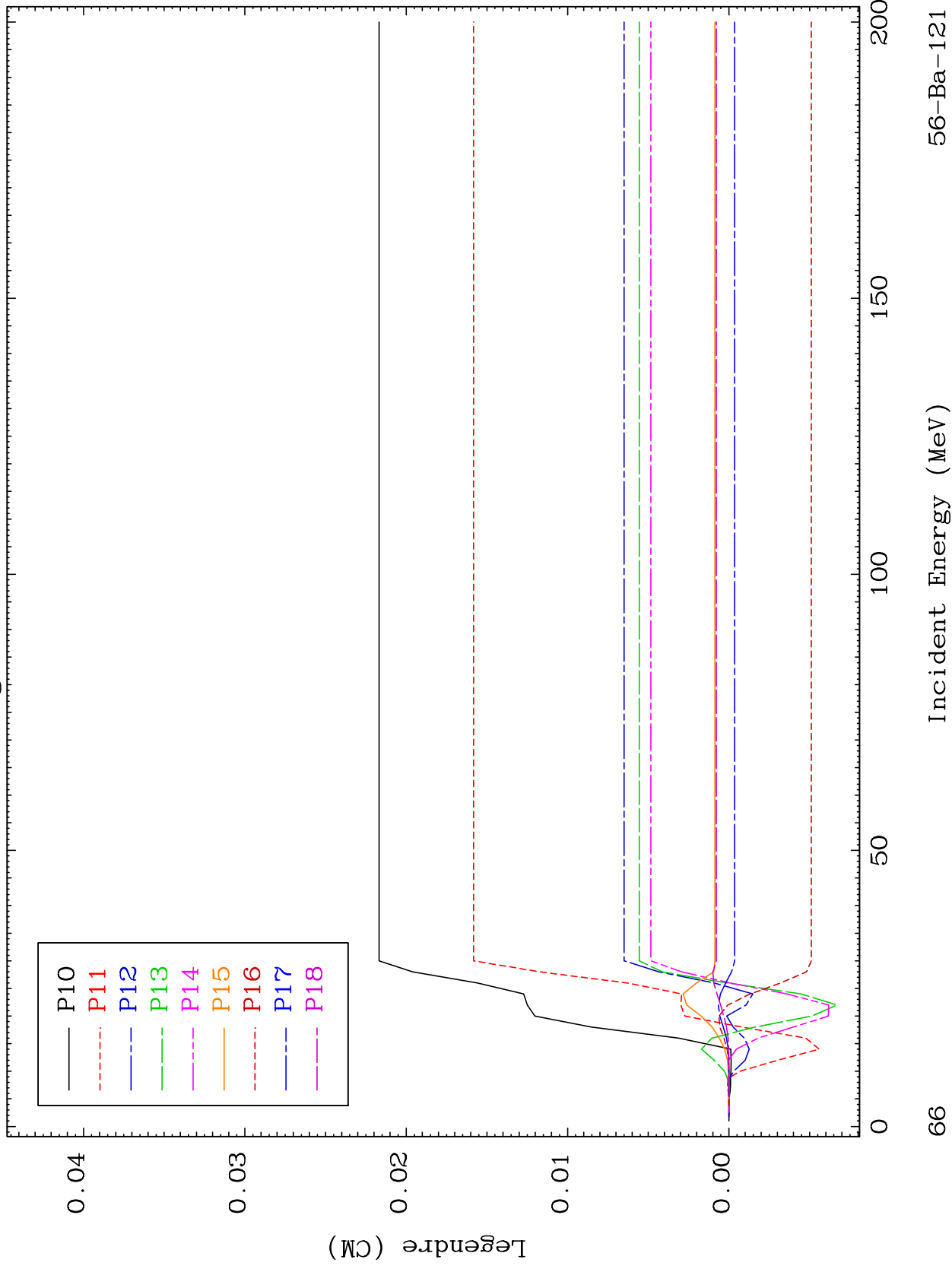
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



56-Ba-121

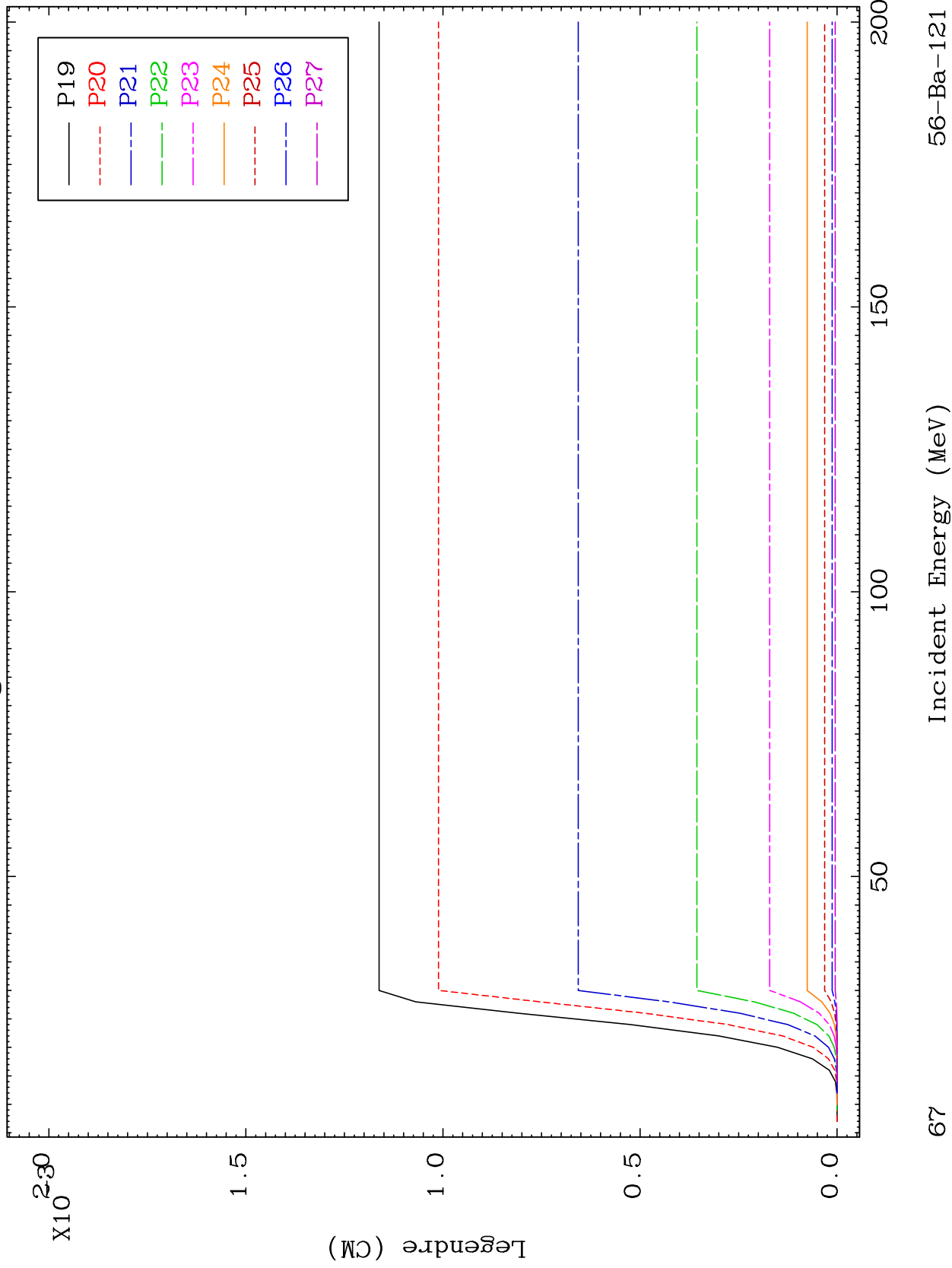
Incident Energy (MeV)

66

MAT 5598

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

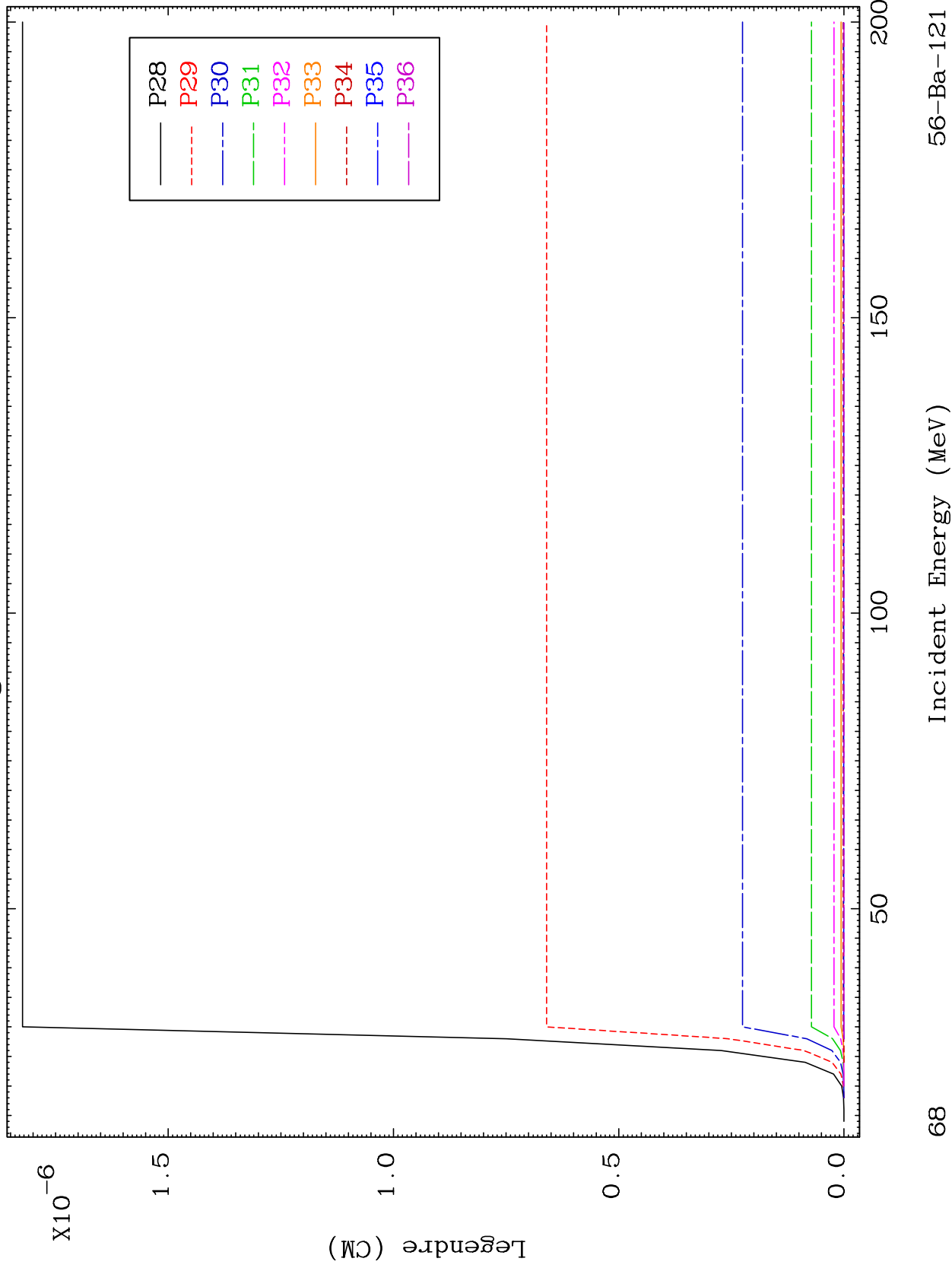
56-Ba-121



MAT 5598

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

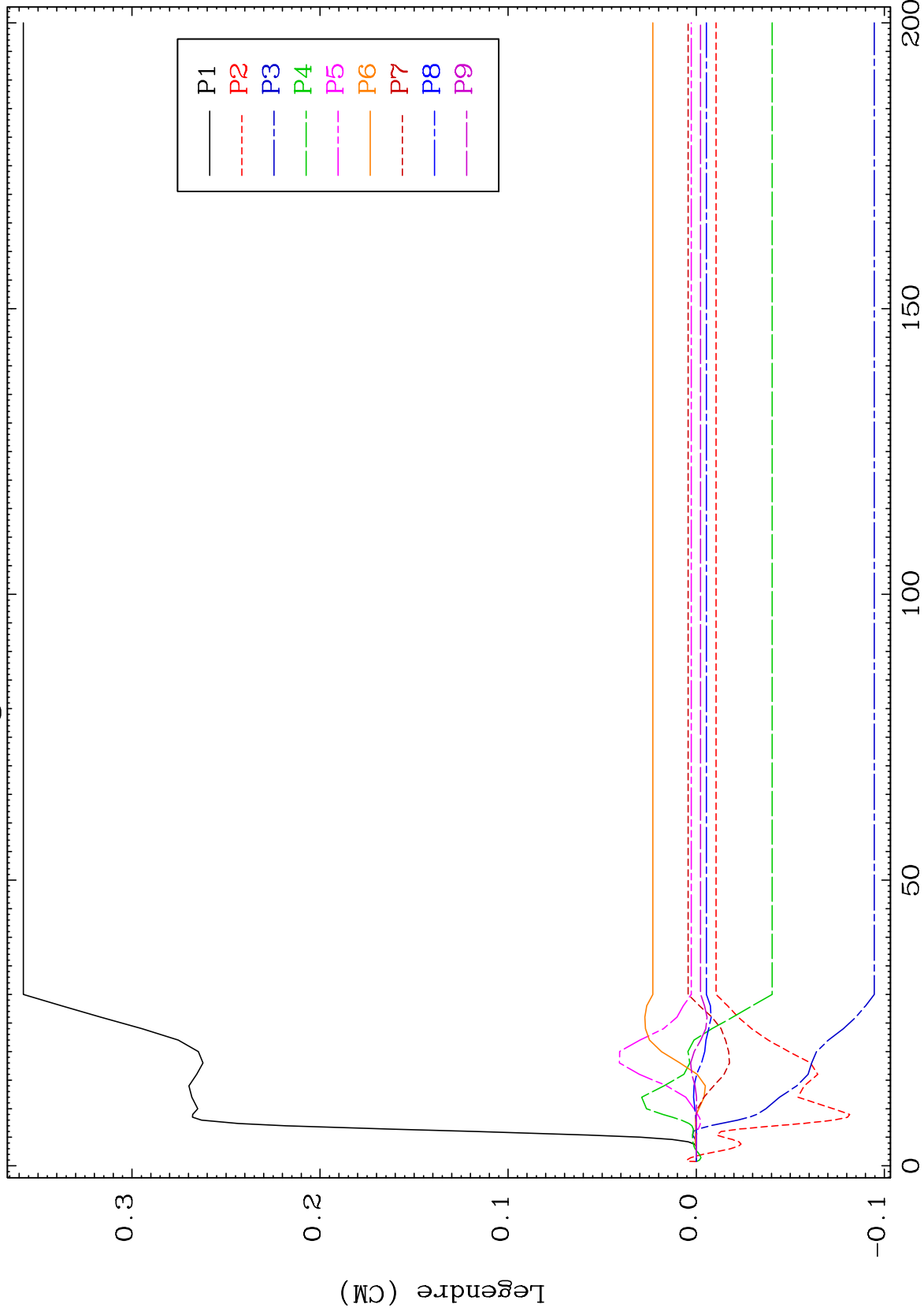
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

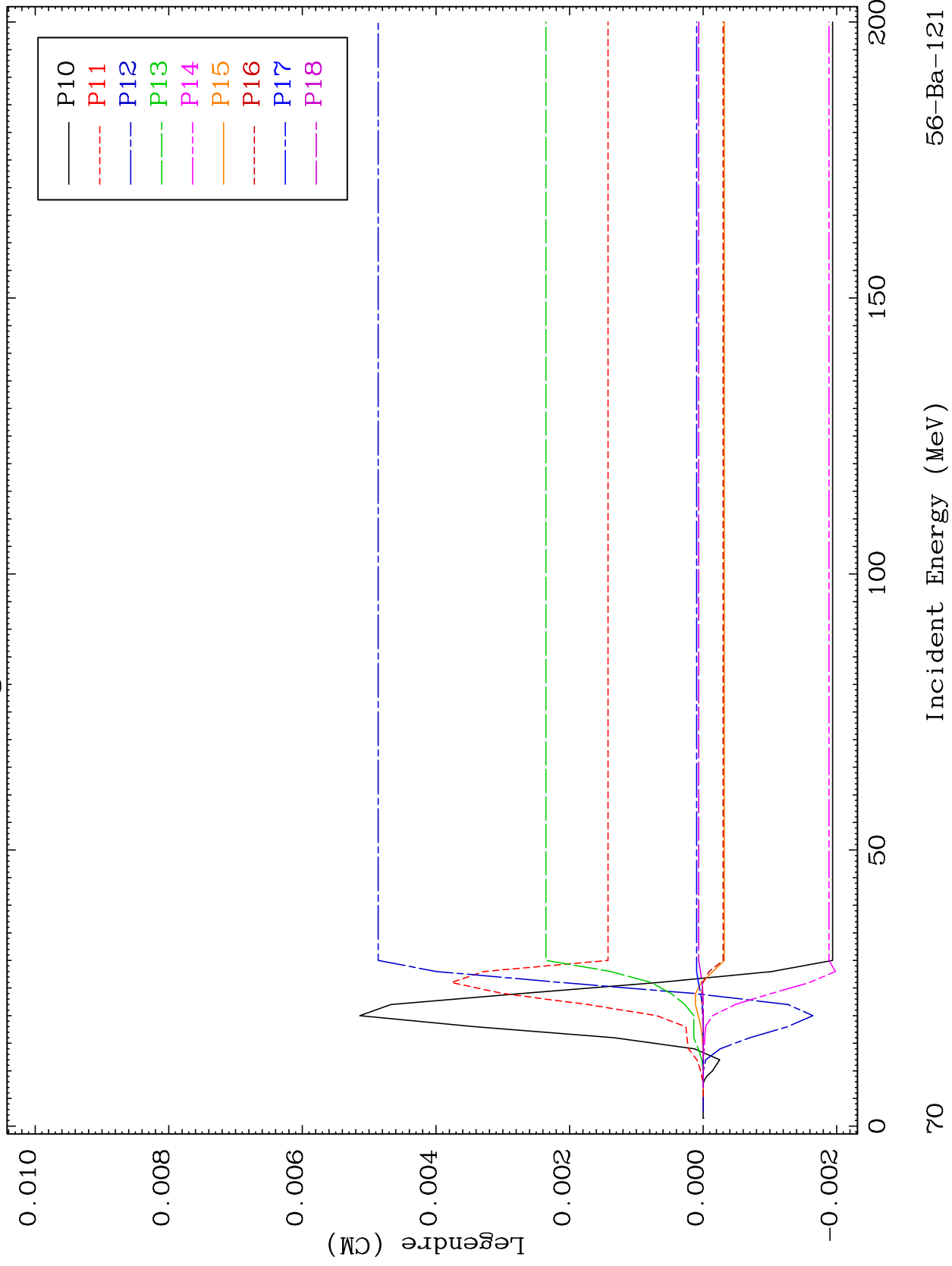
Incident Energy (MeV)

69

MAT 5598

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

56-Ba-121



56-Ba-121

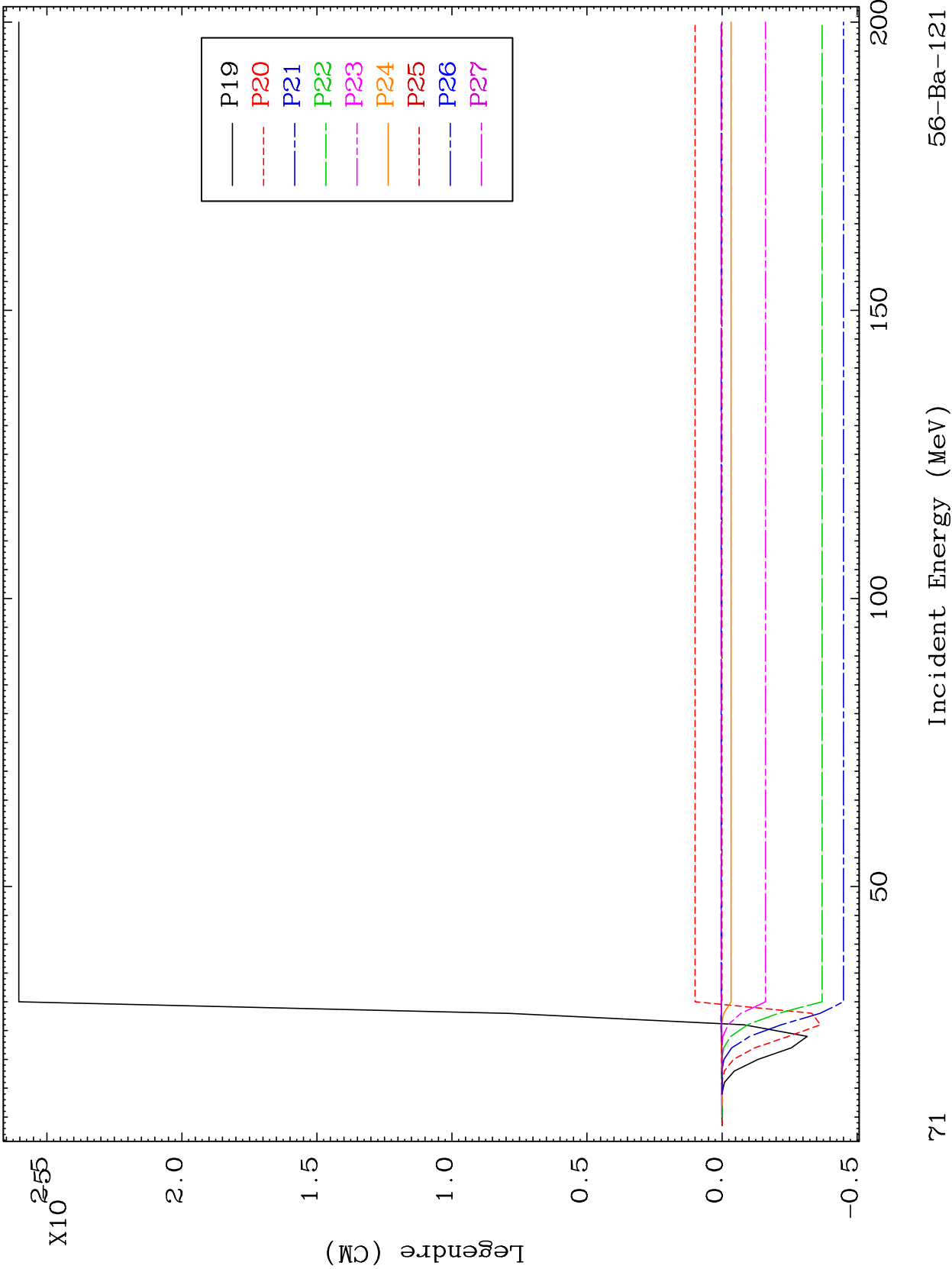
Incident Energy (MeV)

70

MAT 5598

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

56-Ba-121



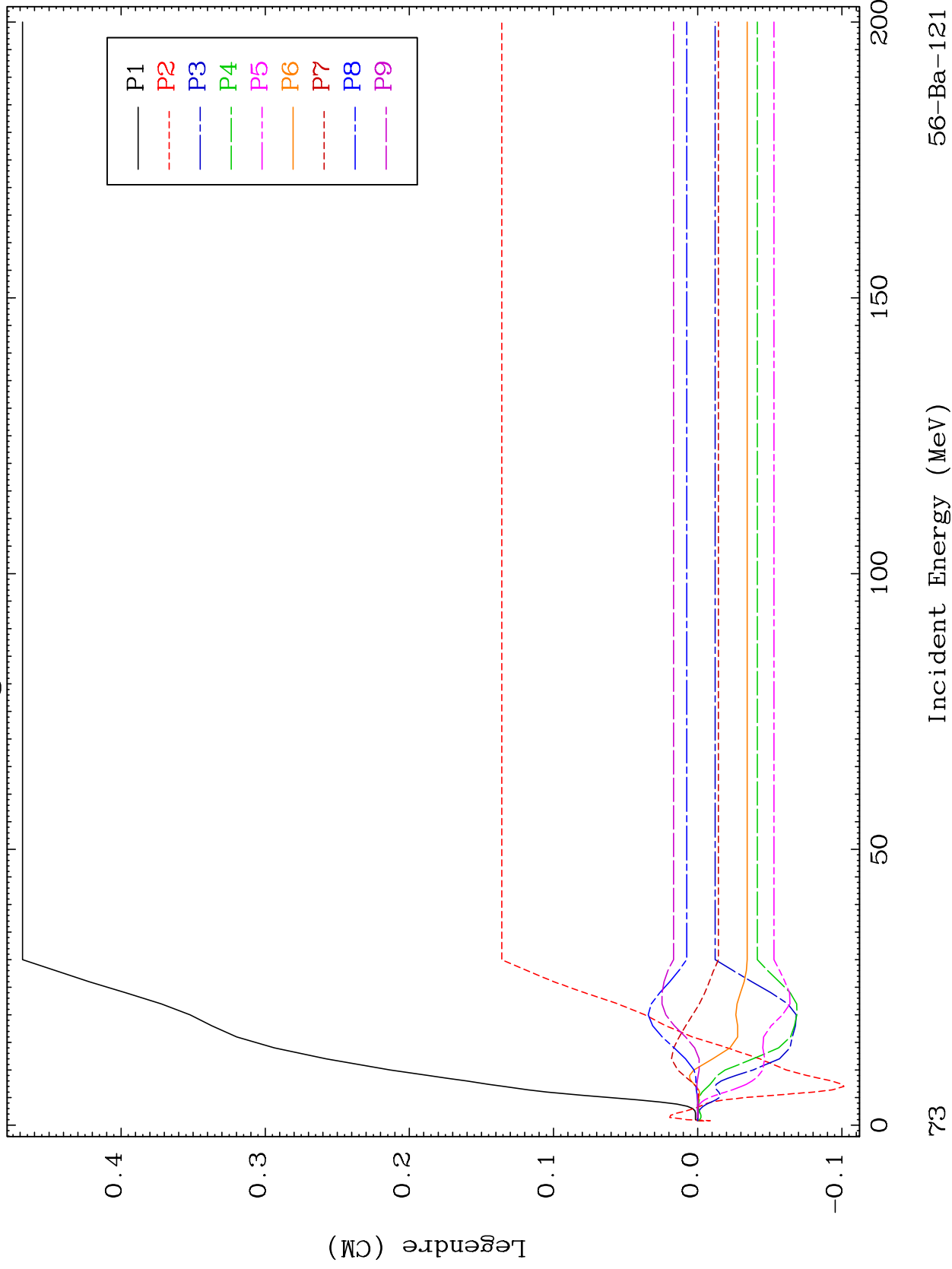




MAT 5598

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

56-Ba-121



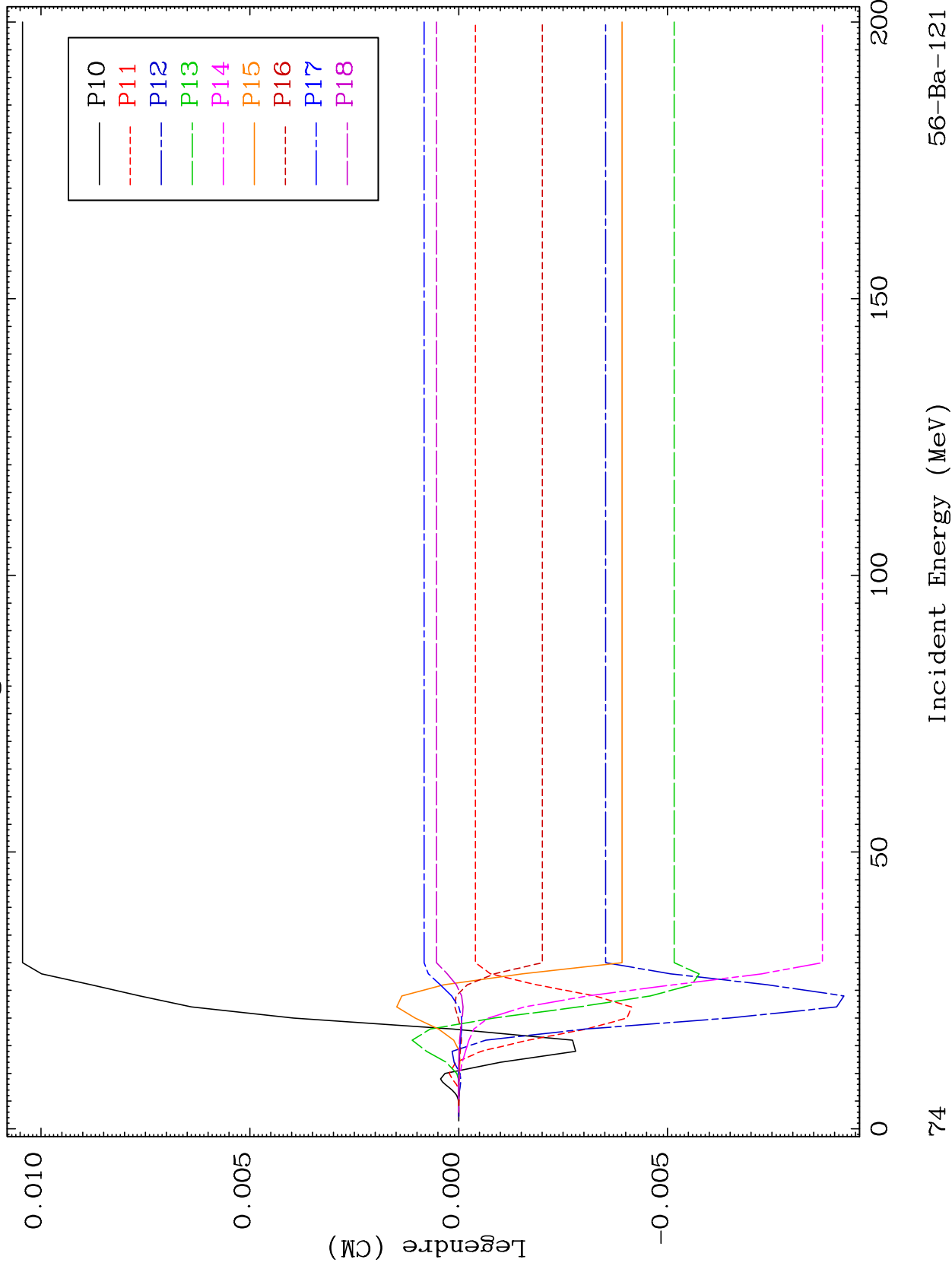
73

56-Ba-121

MAT 5598

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

56-Ba-121



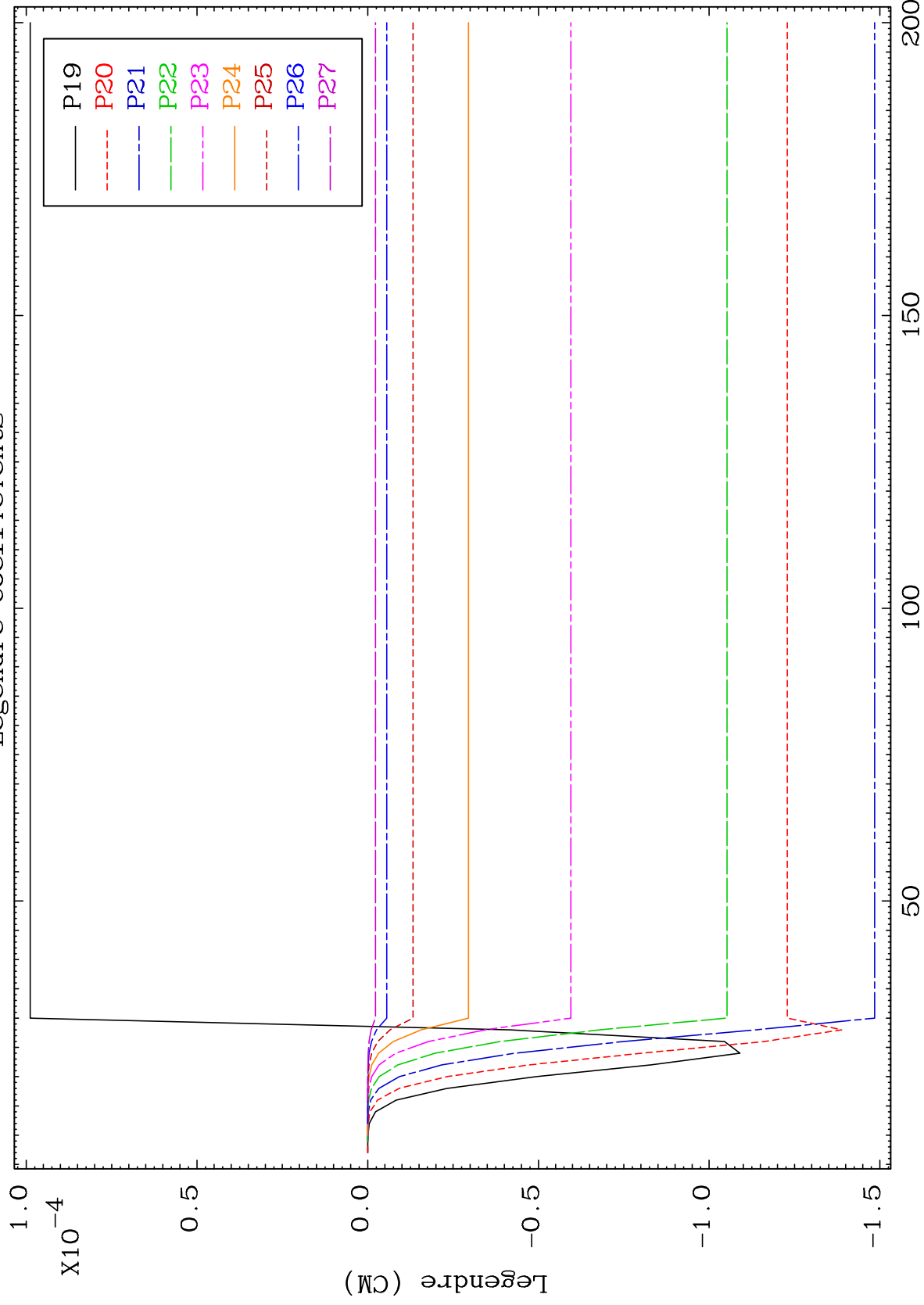
74

56-Ba-121

MAT 5598

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

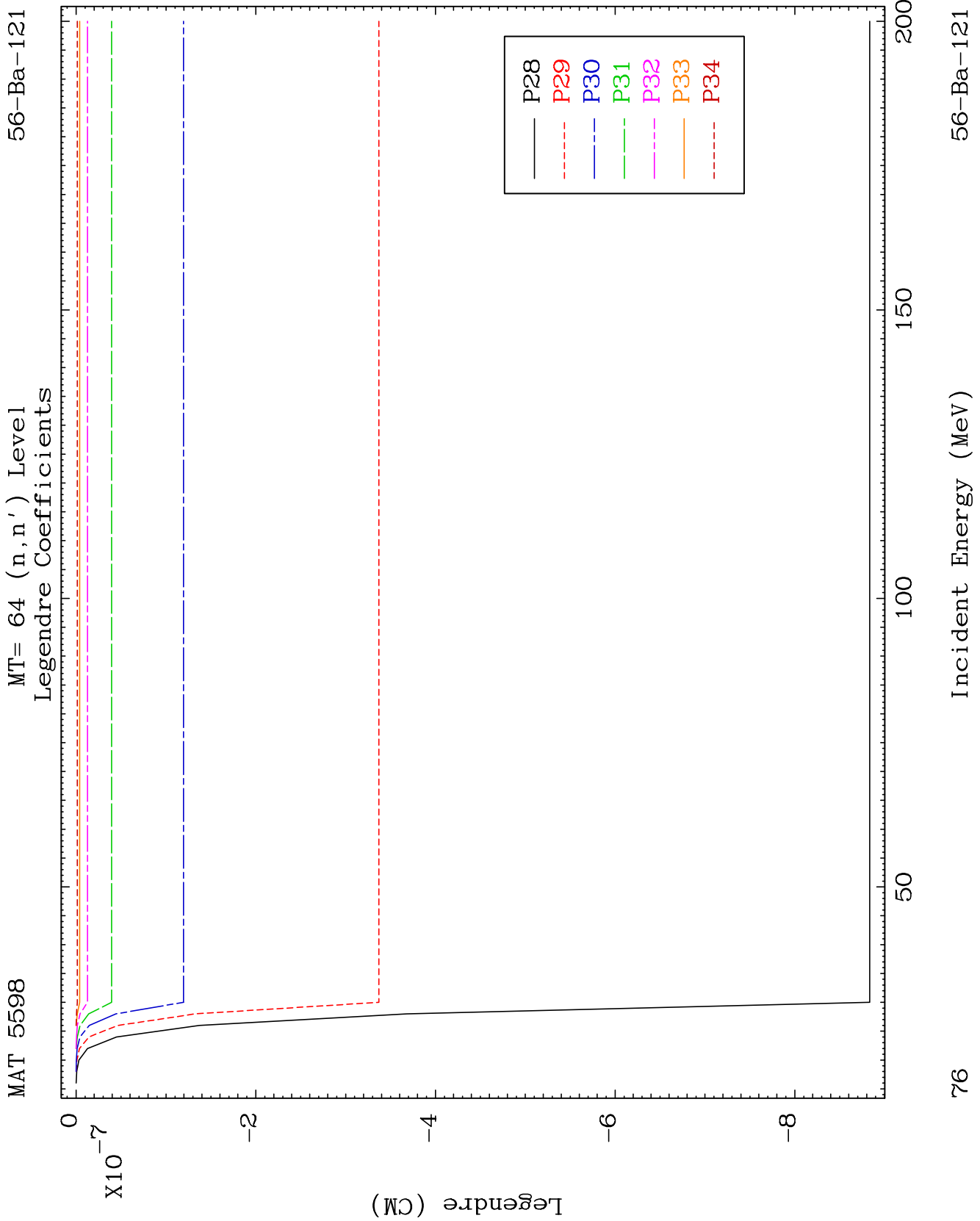
56-Ba-121



75

Incident Energy (MeV)

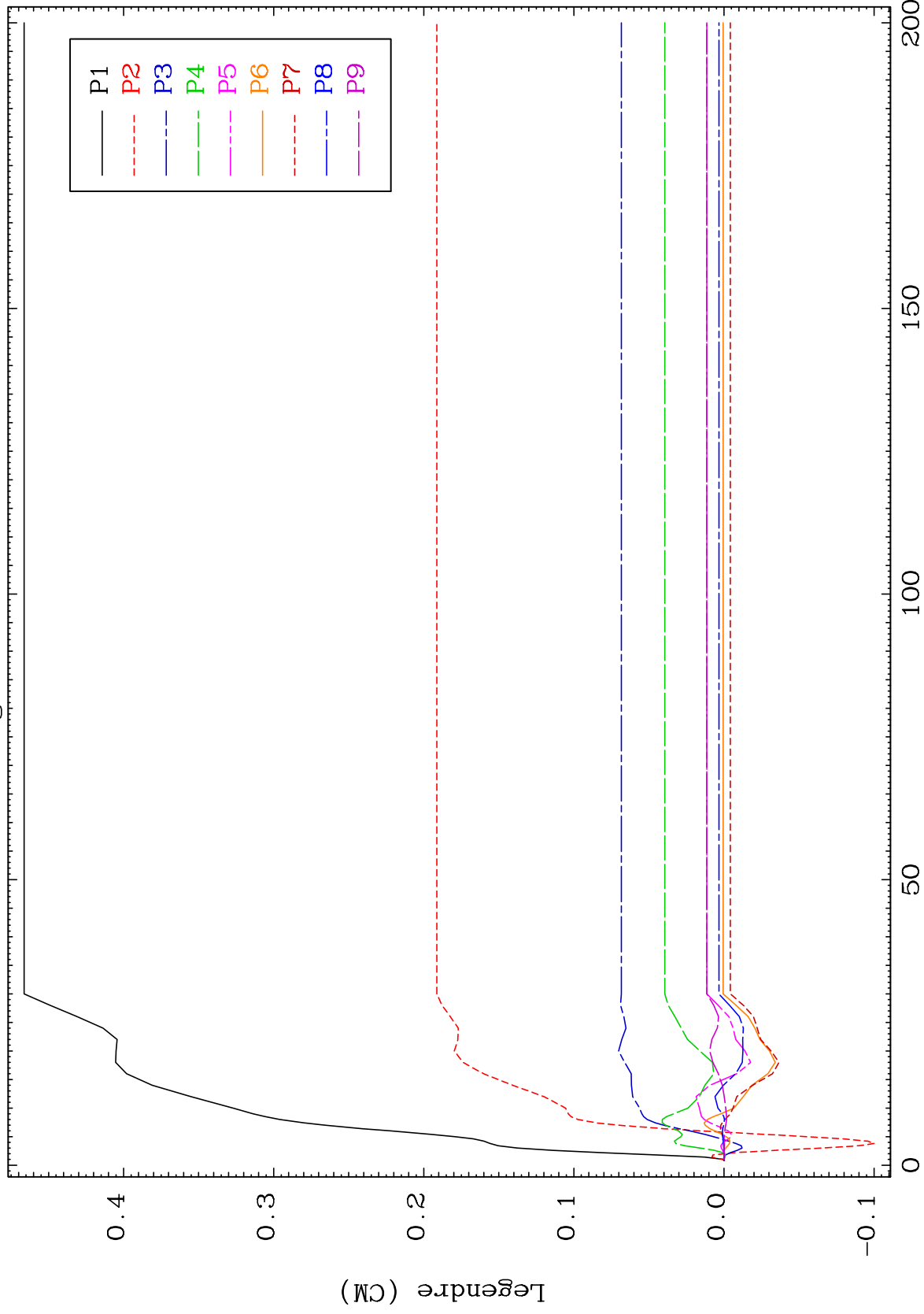
56-Ba-121



MAT 5598

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

56-Ba-121



77

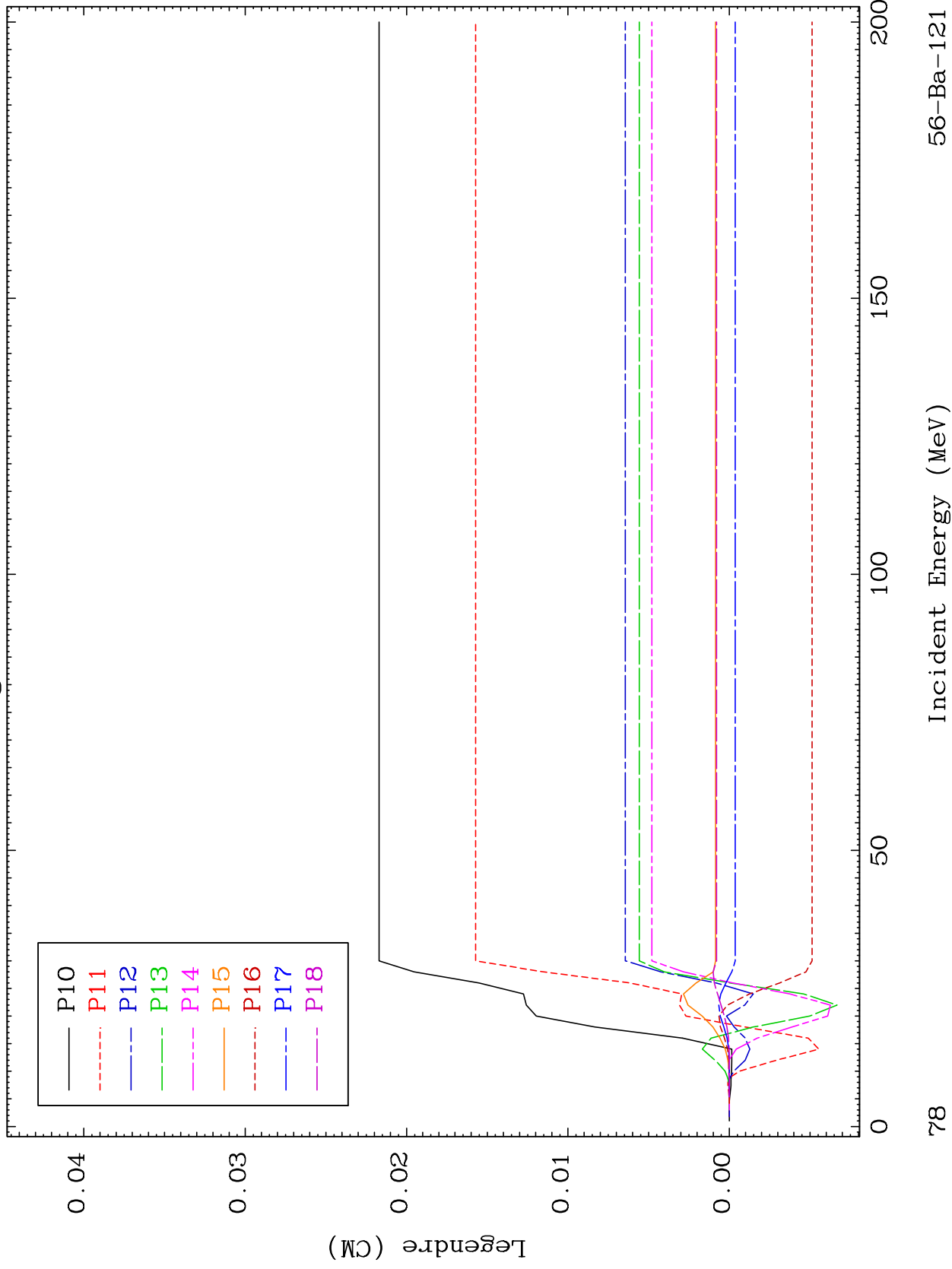
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



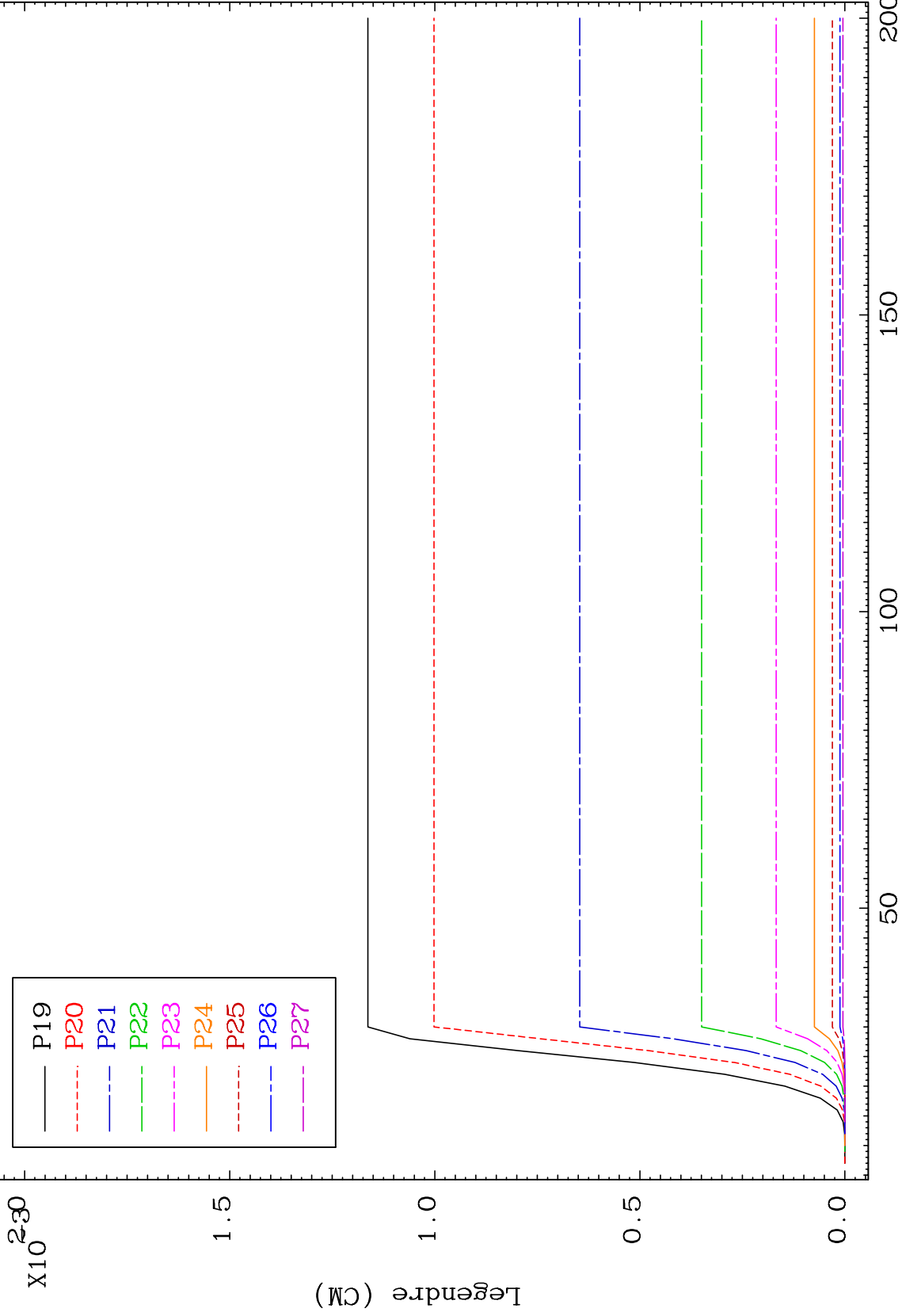
78

56-Ba-121

MAT 5598

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

56-Ba-121



79

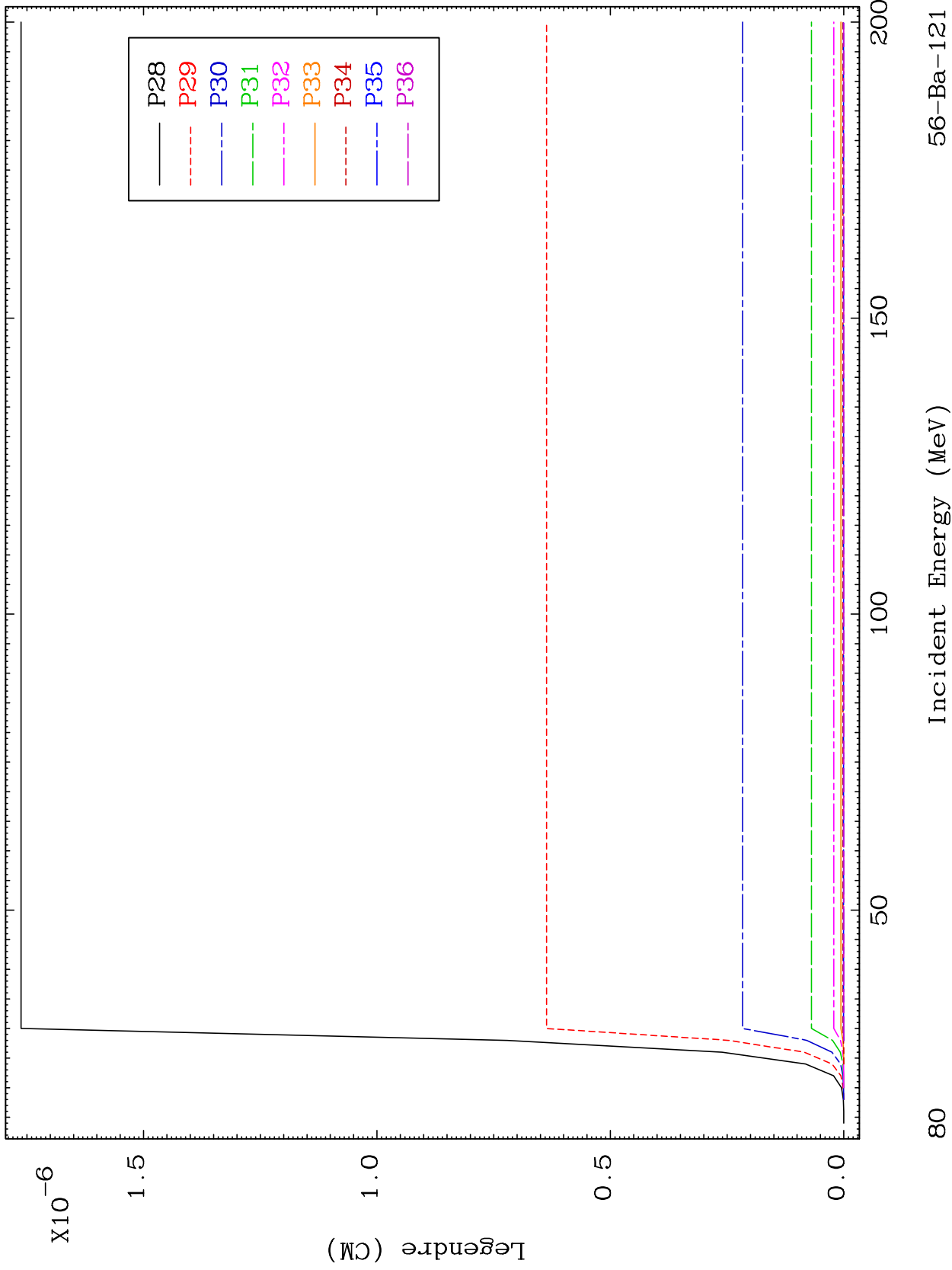
56-Ba-121



MAT 5598

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

56-Ba-121

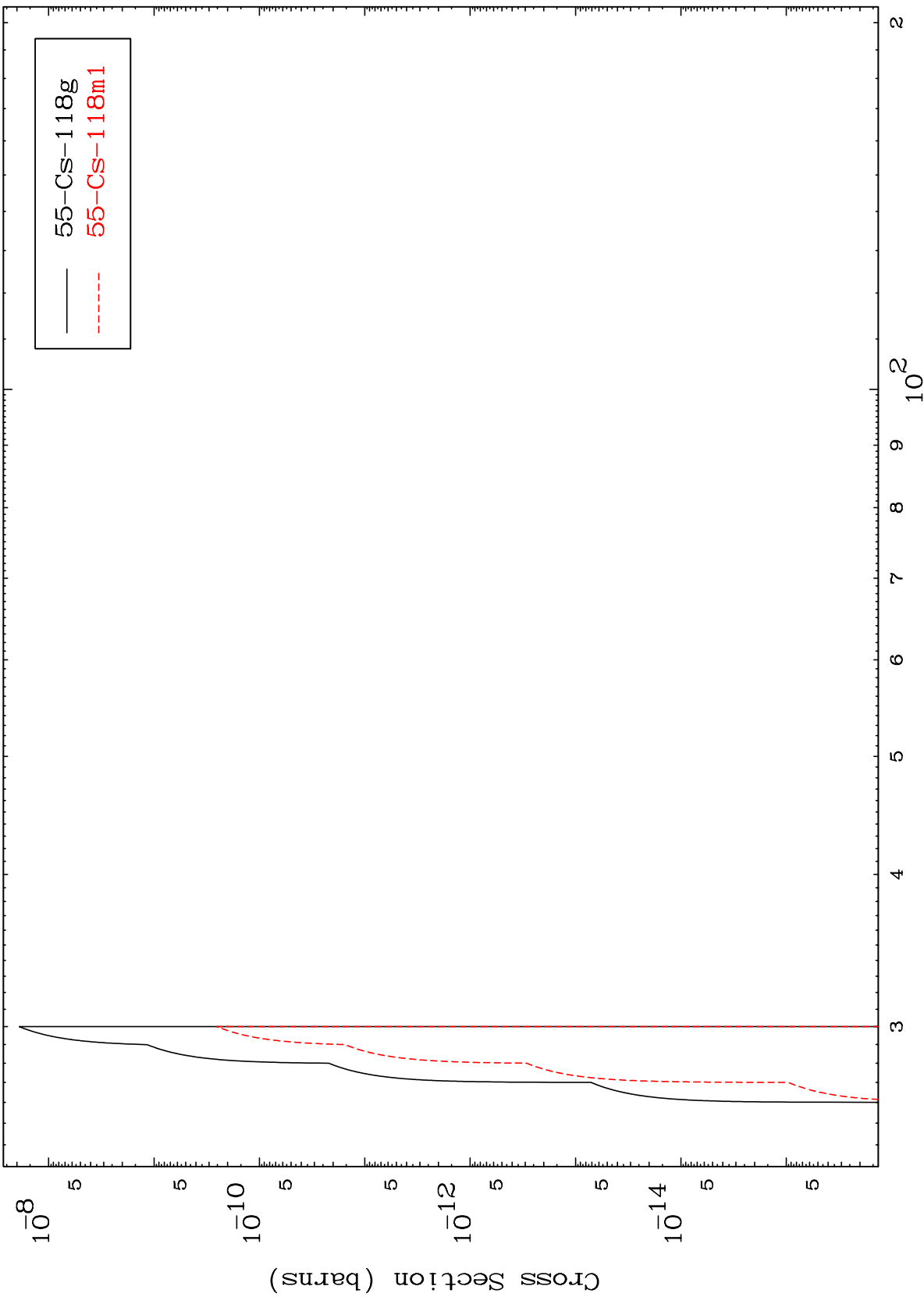


MAT 5598

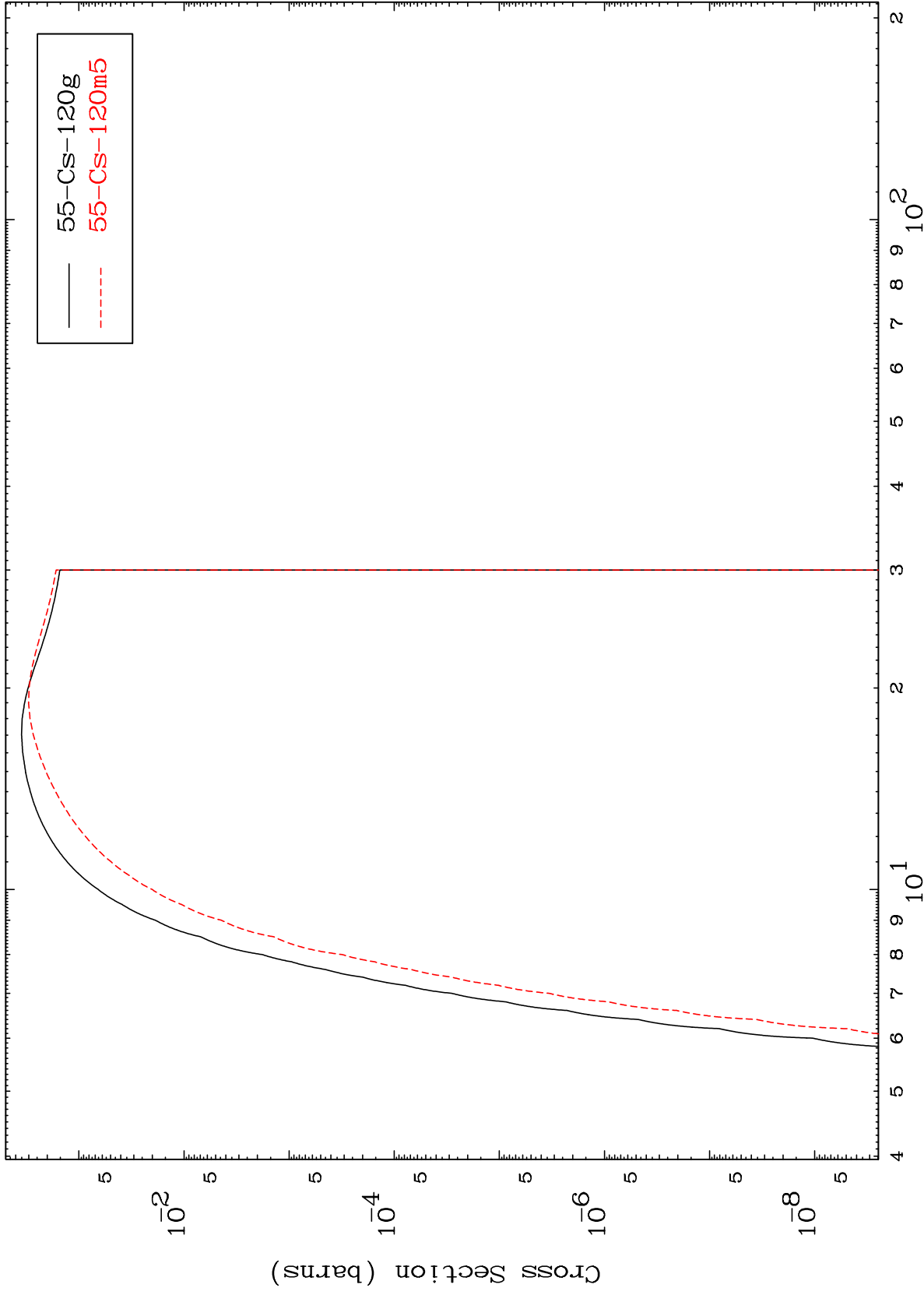
(n,2n) d

56-Ba-121

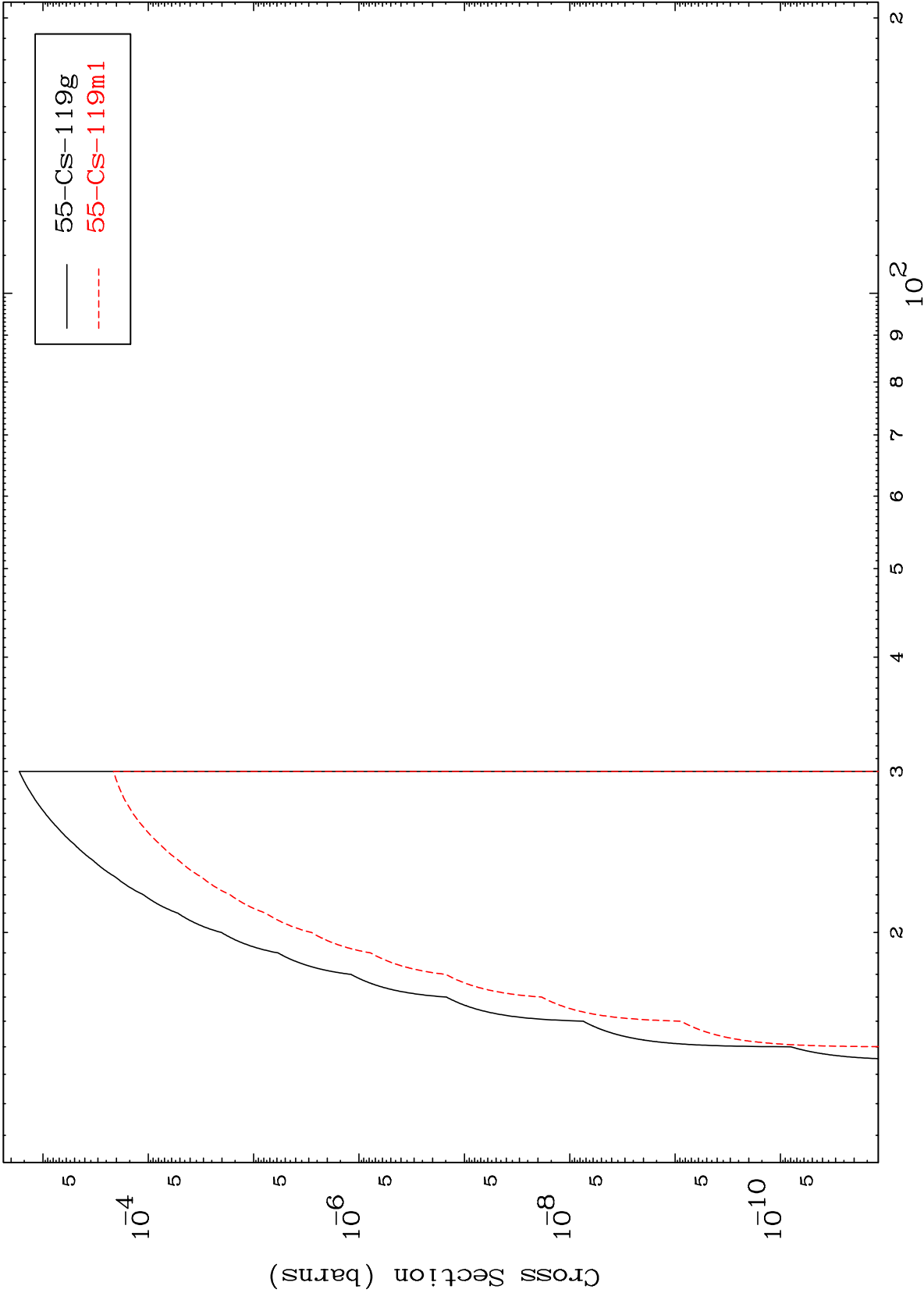
Radionuclide Production Cross Section



$(n, n')$  p  
Radionuclide Production Cross Section



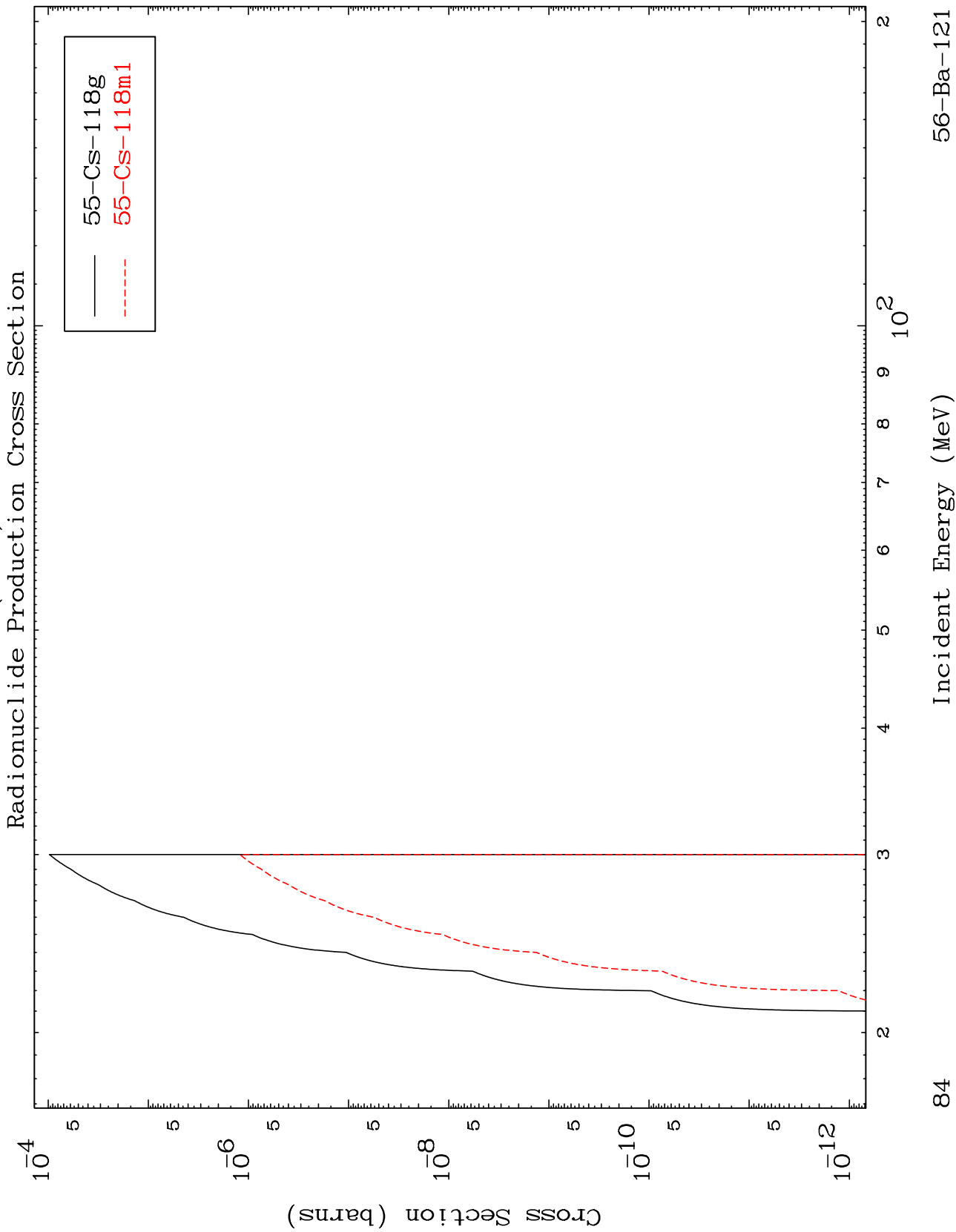
(n,n') d  
Radionuclide Production Cross Section



MAT 5598

(n,n') t

56-Ba-121

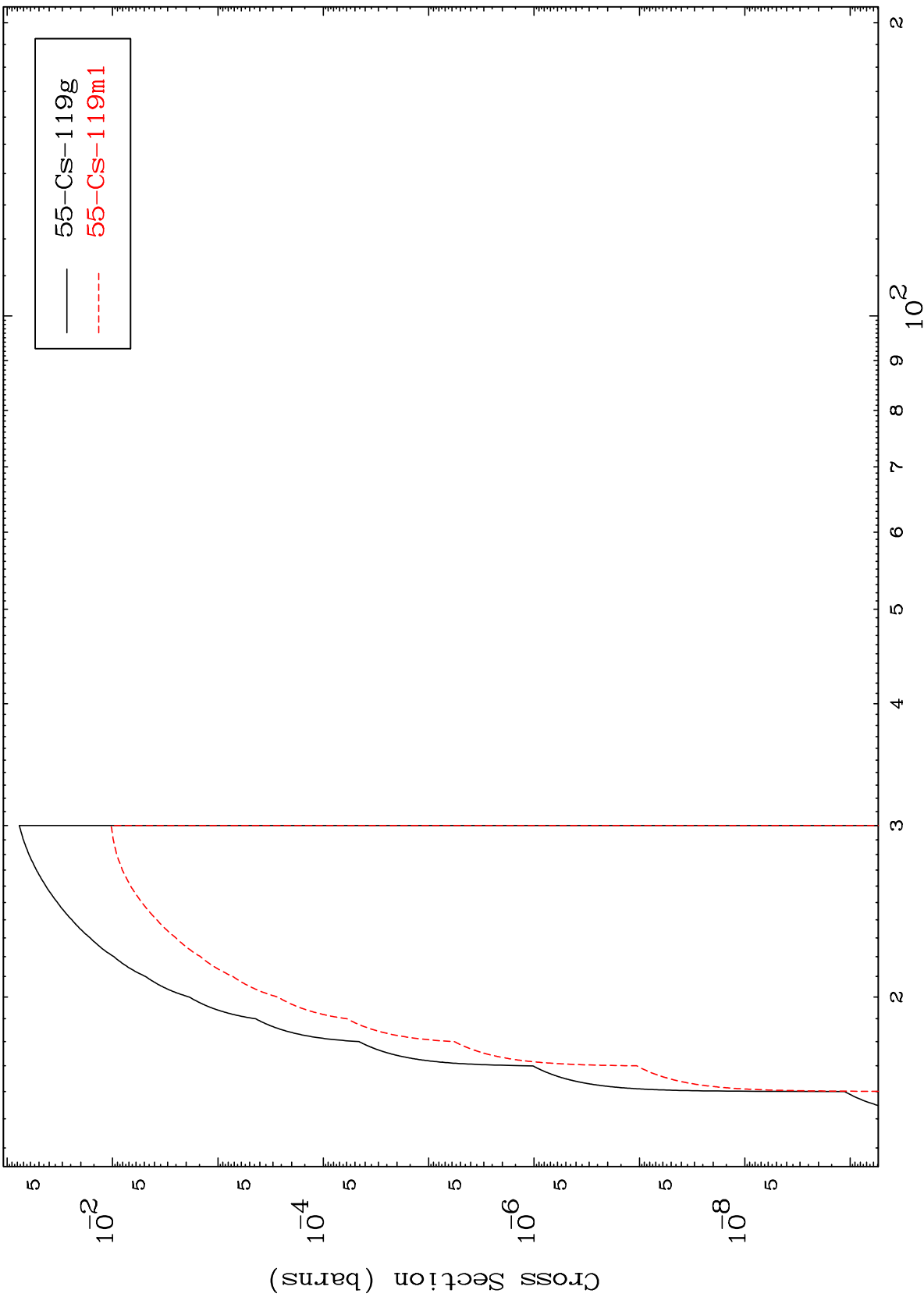


MAT 5598

(n,2n) p

56-Ba-121

Radionuclide Production Cross Section



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

85

Incident Energy (MeV)

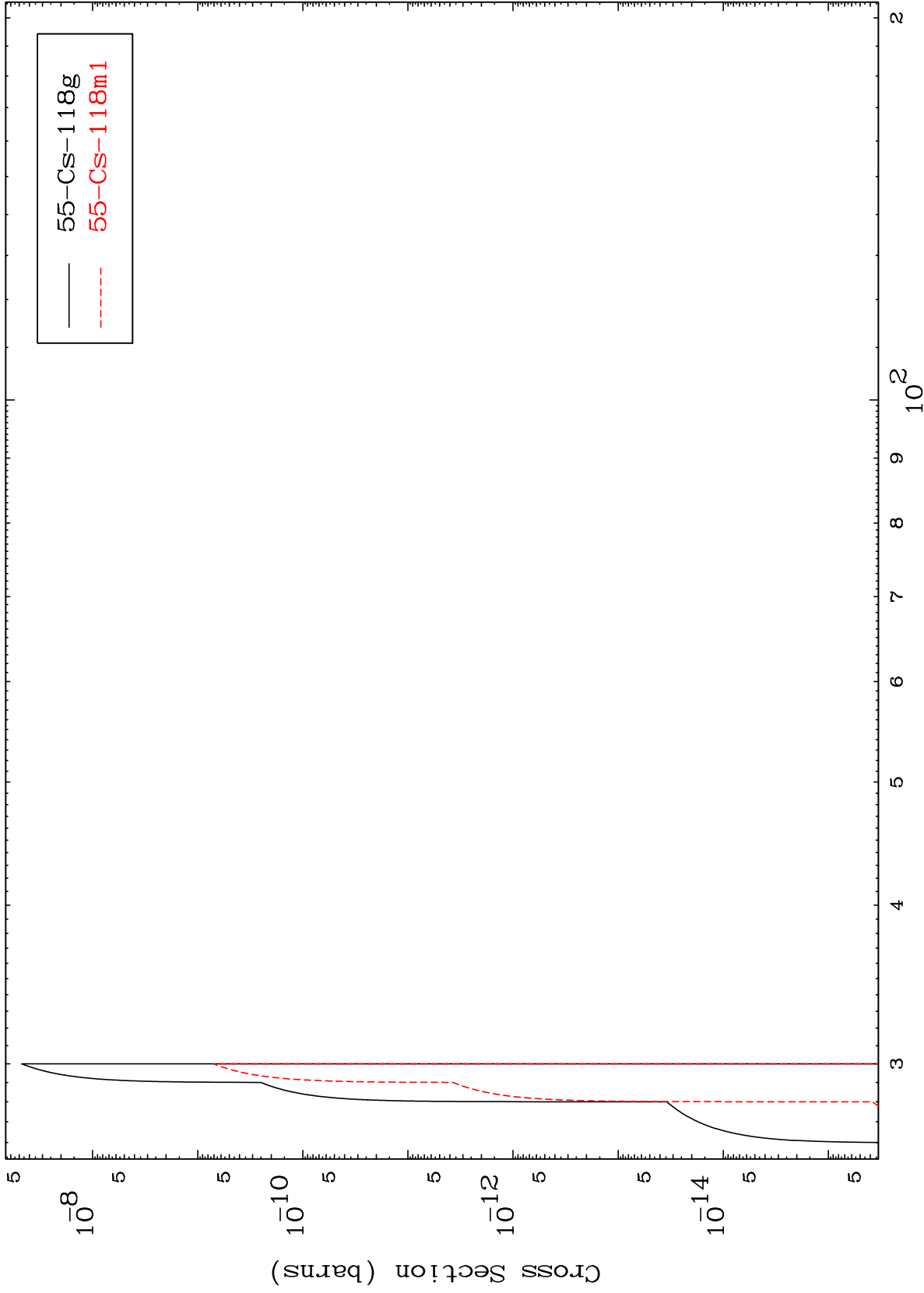
56-Ba-121

MAT 5598

(n,3n) p

56-Ba-121

Radionuclide Production Cross Section



86

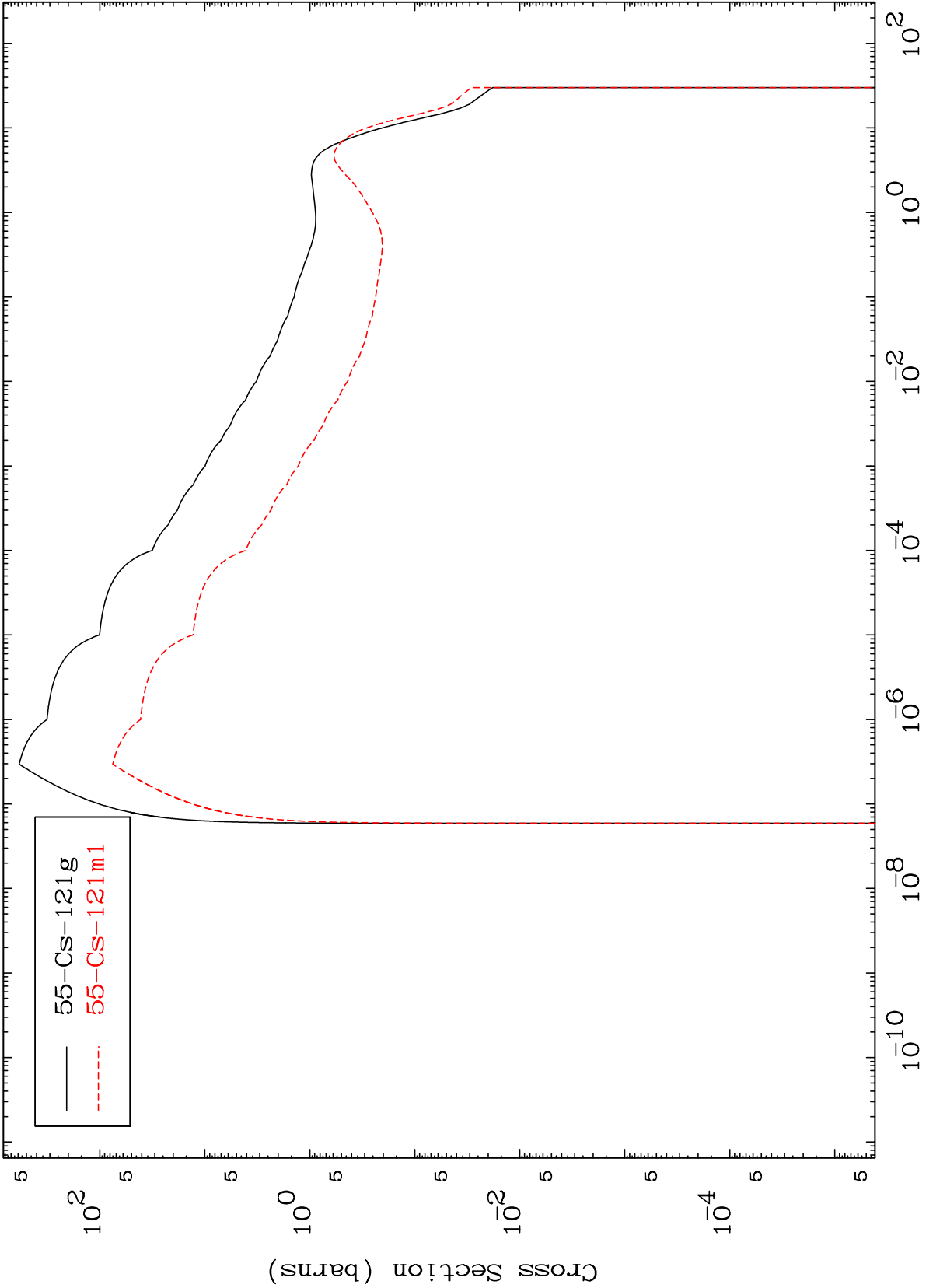
Incident Energy (MeV)

56-Ba-121

MAT 5598

56-Ba-121

(n,p)  
Radionuclide Production Cross Section

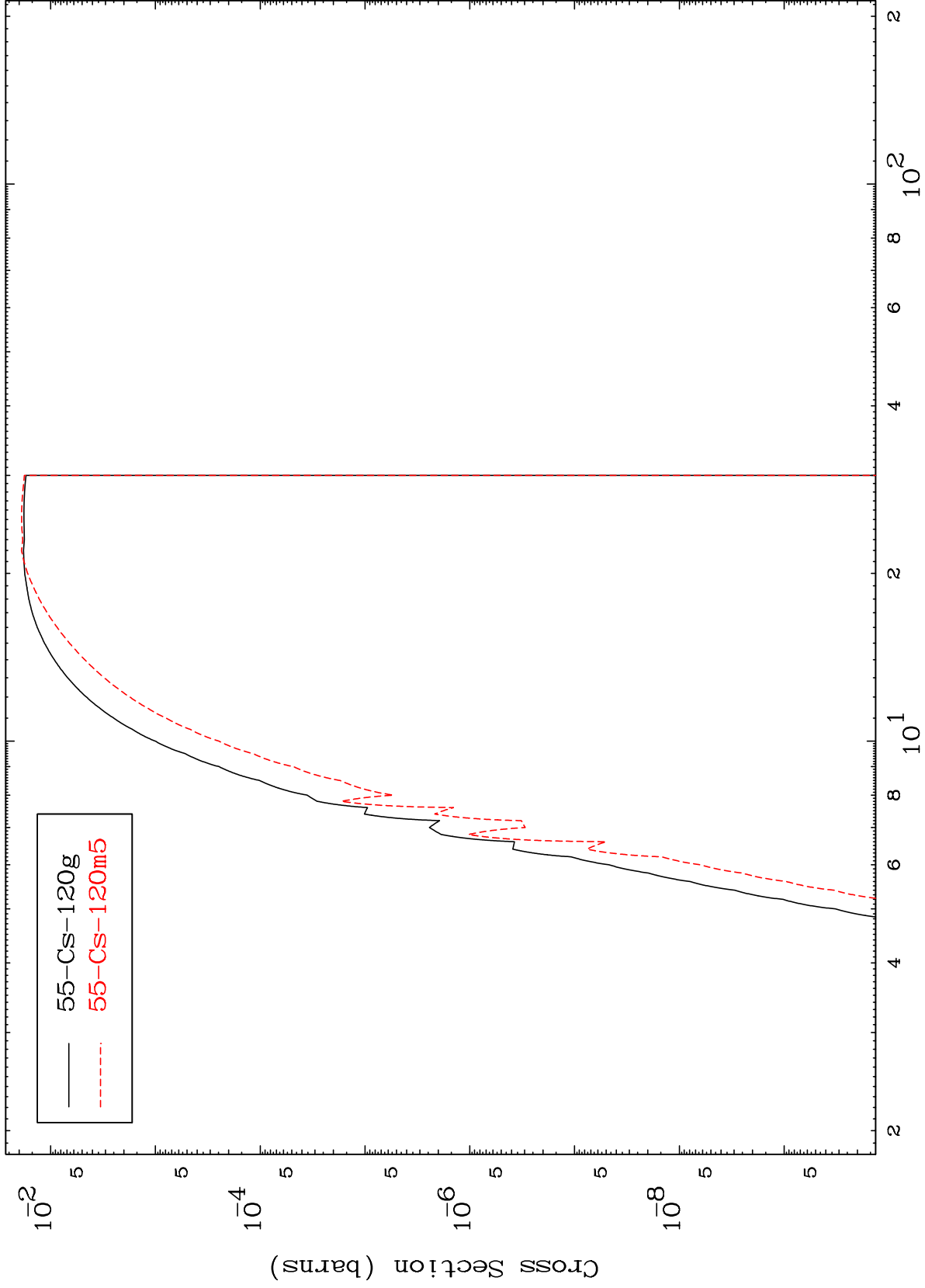




MAT 5598

56-Ba-121

(n,d)  
Radionuclide Production Cross Section



88

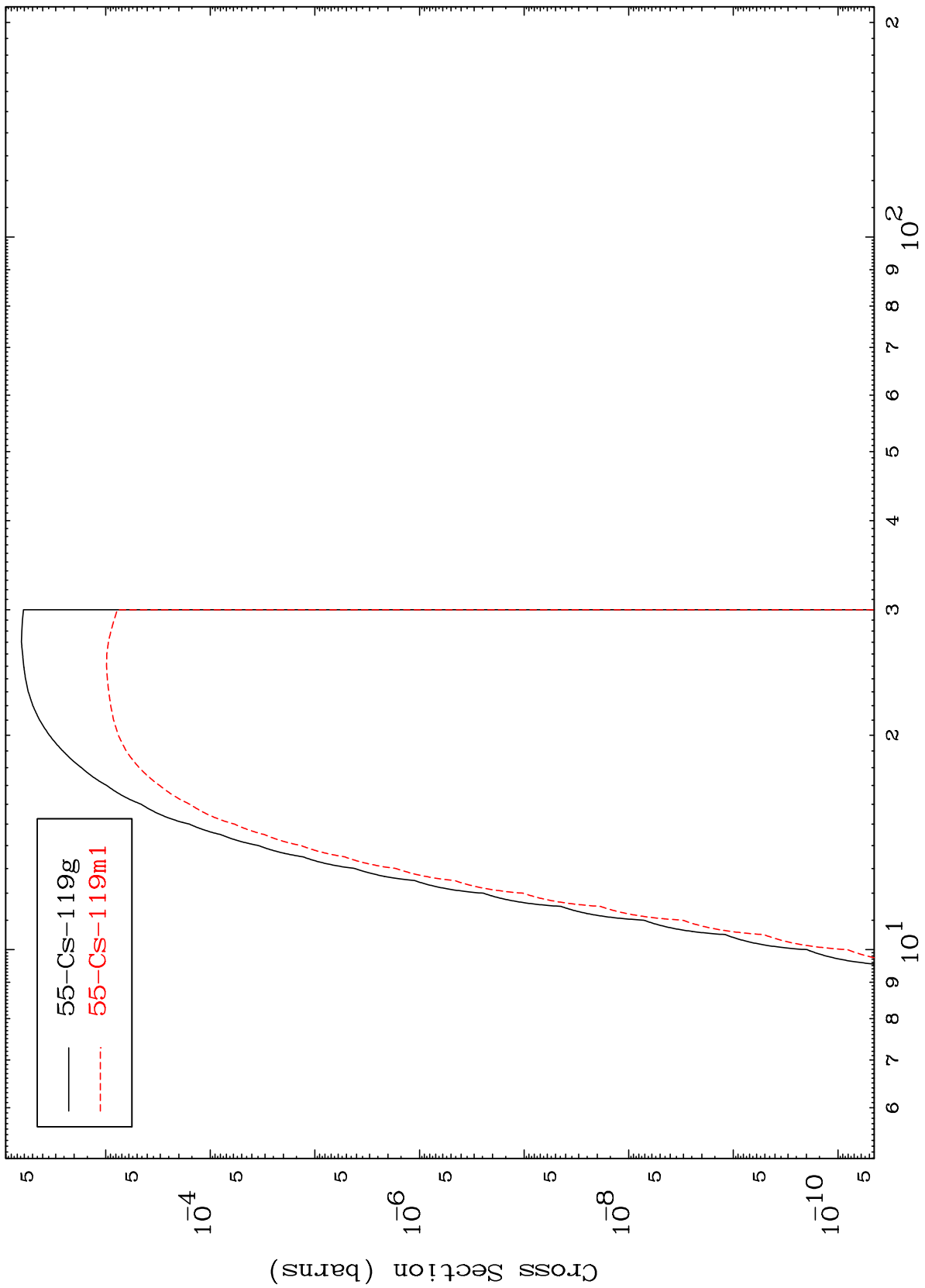
56-Ba-121

Incident Energy (MeV)

MAT 5598

56-Ba-121

(n, t)  
Radionuclide Production Cross Section



89

Incident Energy (MeV)

56-Ba-121