

Program EVALPLOT
(Version 2021-1)

by

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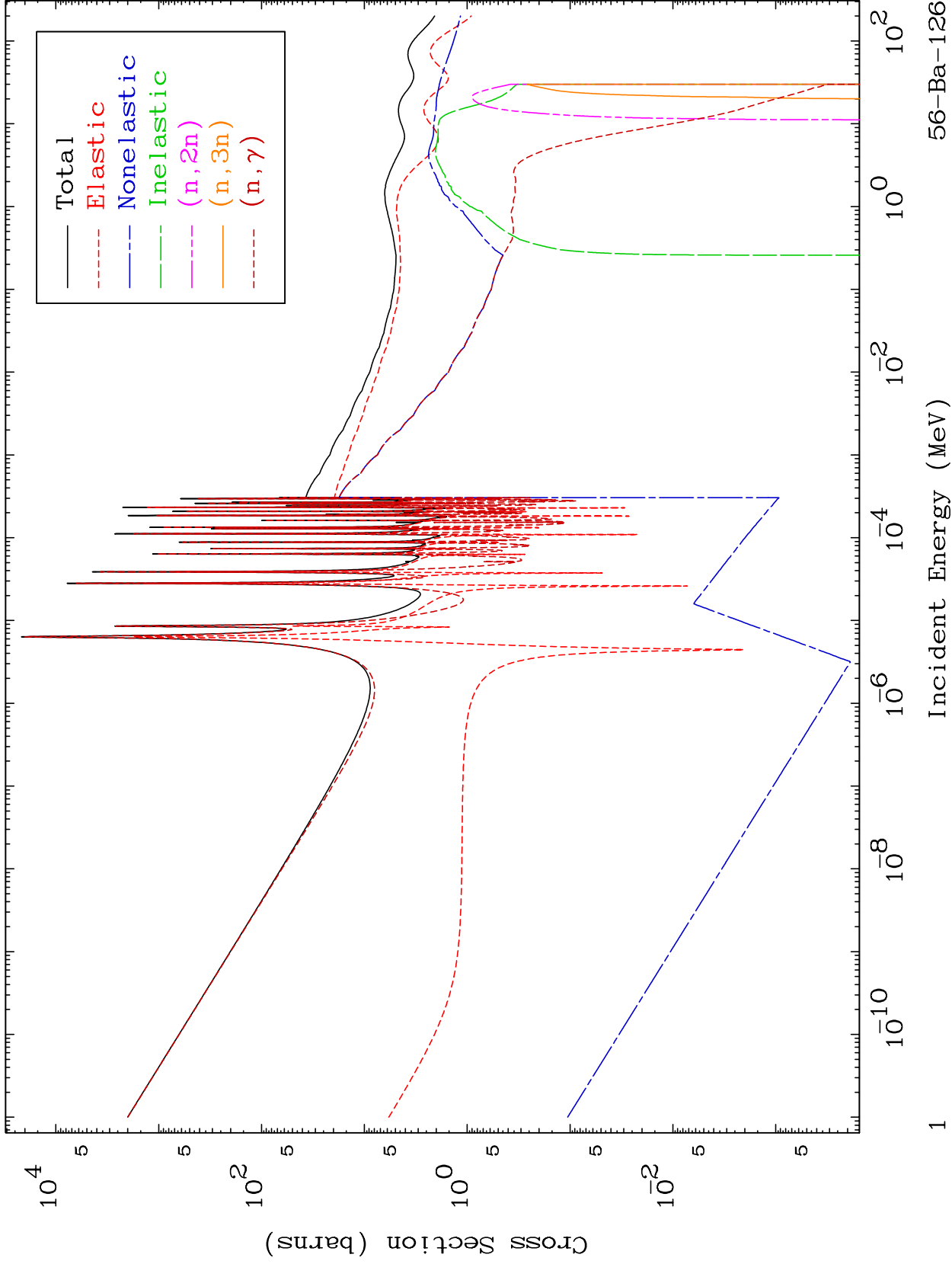
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5613

Neutron Major
293 Kelvin Cross Sections

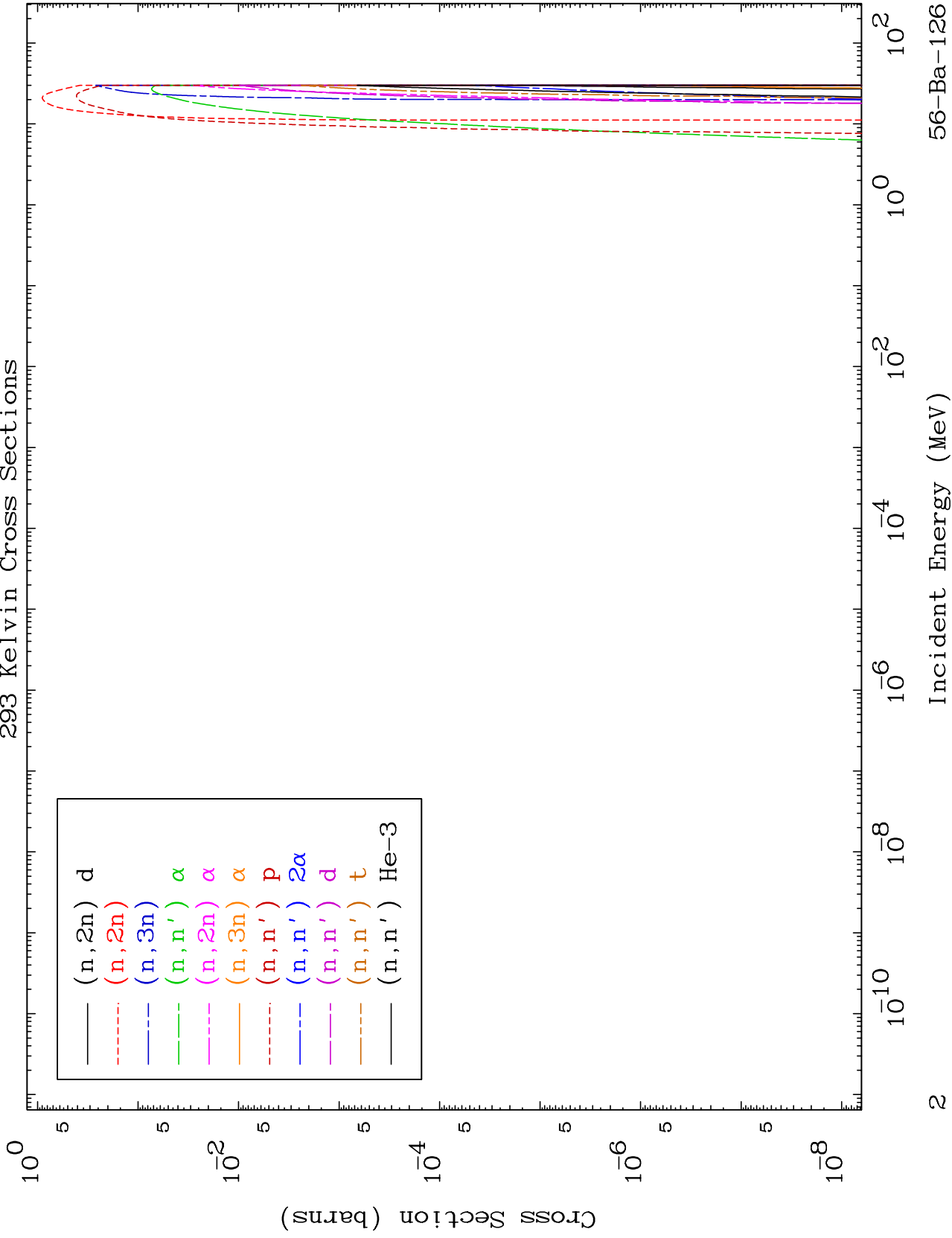
56-Ba-126



MAT 5613

Neutron Absorption
293 Kelvin Cross Sections

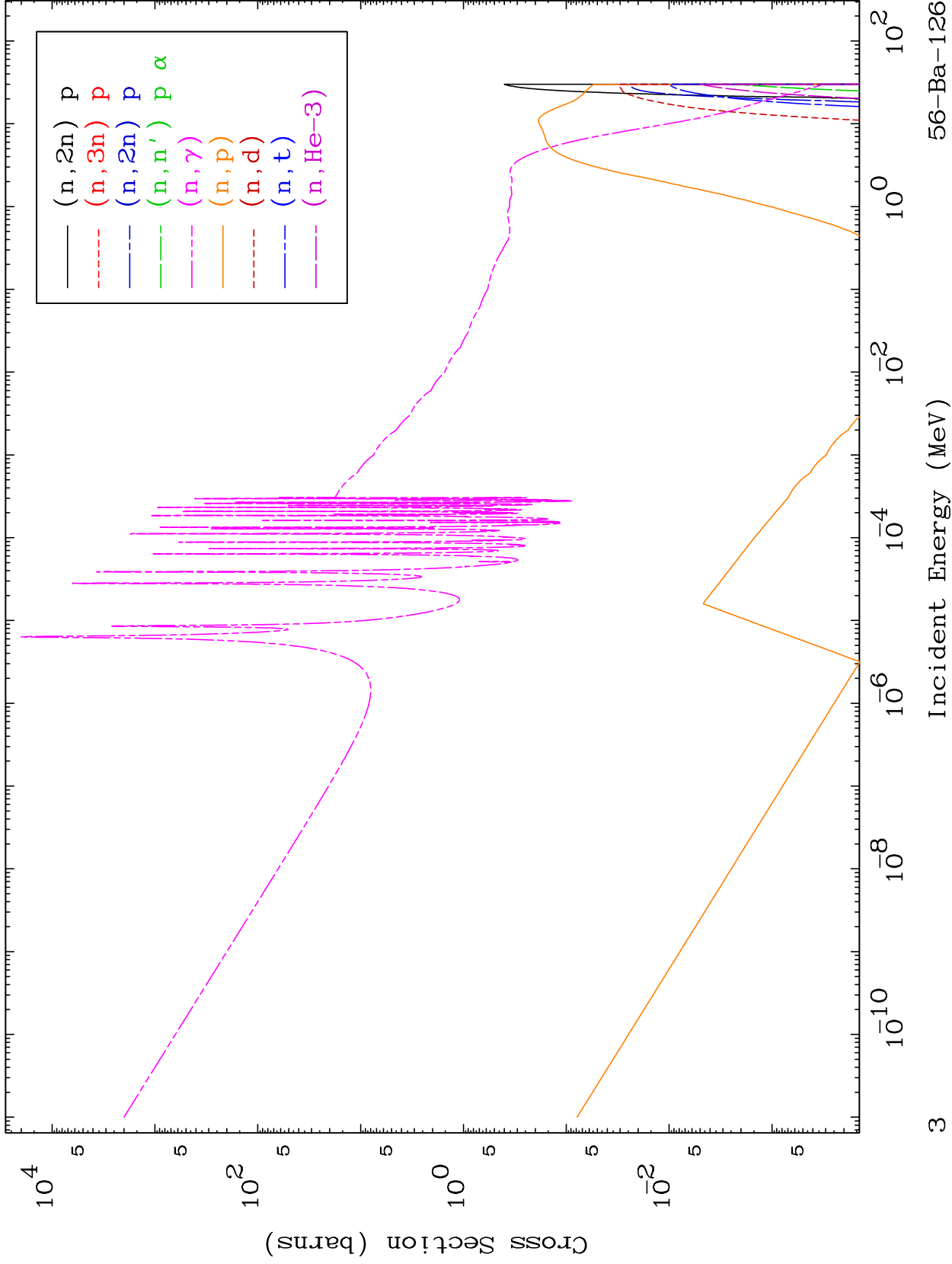
56-Ba-126



MAT 5613

Neutron Absorption
293 Kelvin Cross Sections

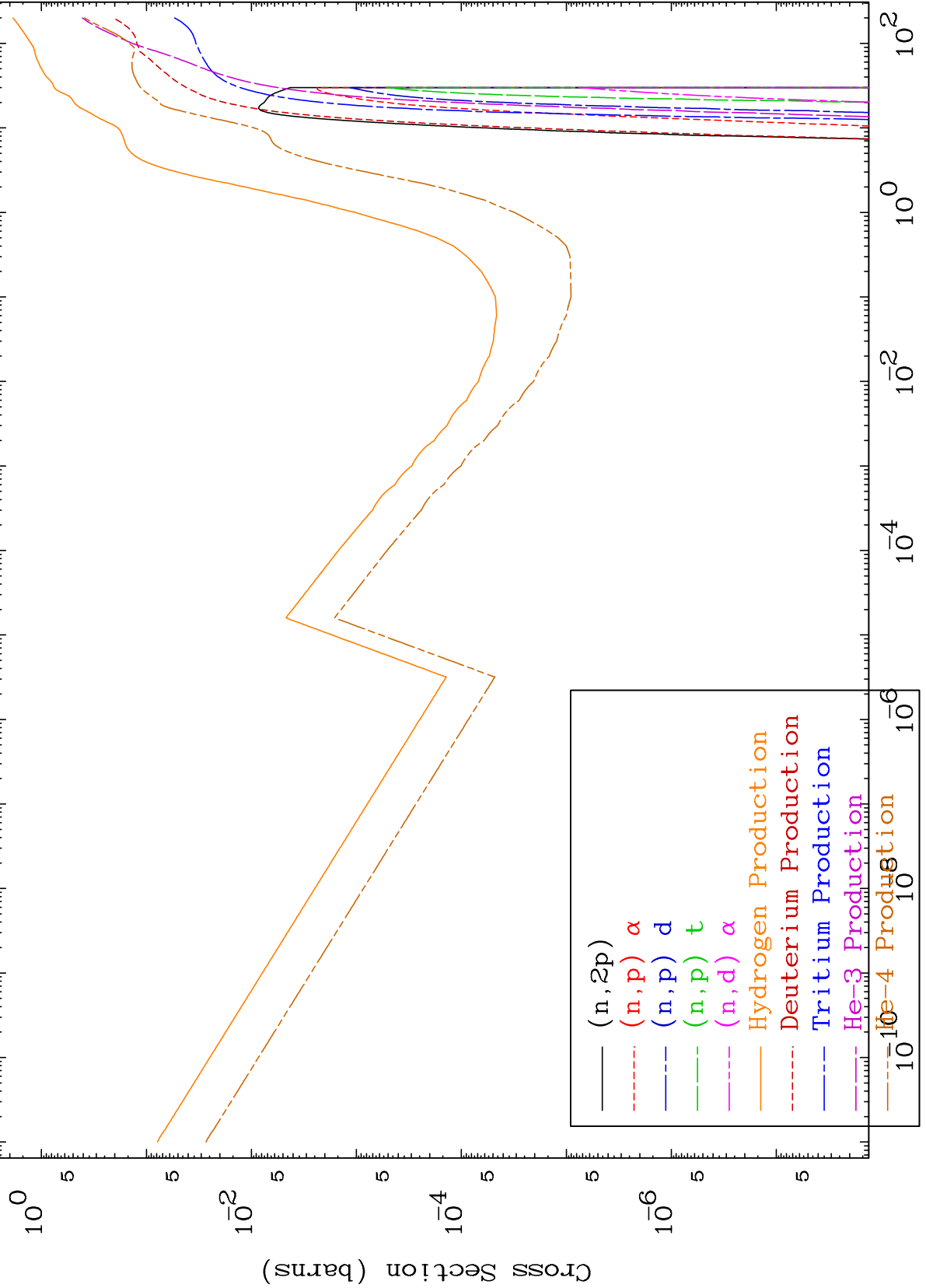
56-Ba-126



MAT 5613

Neutron Absorption
293 Kelvin Cross Sections

56-Ba-126



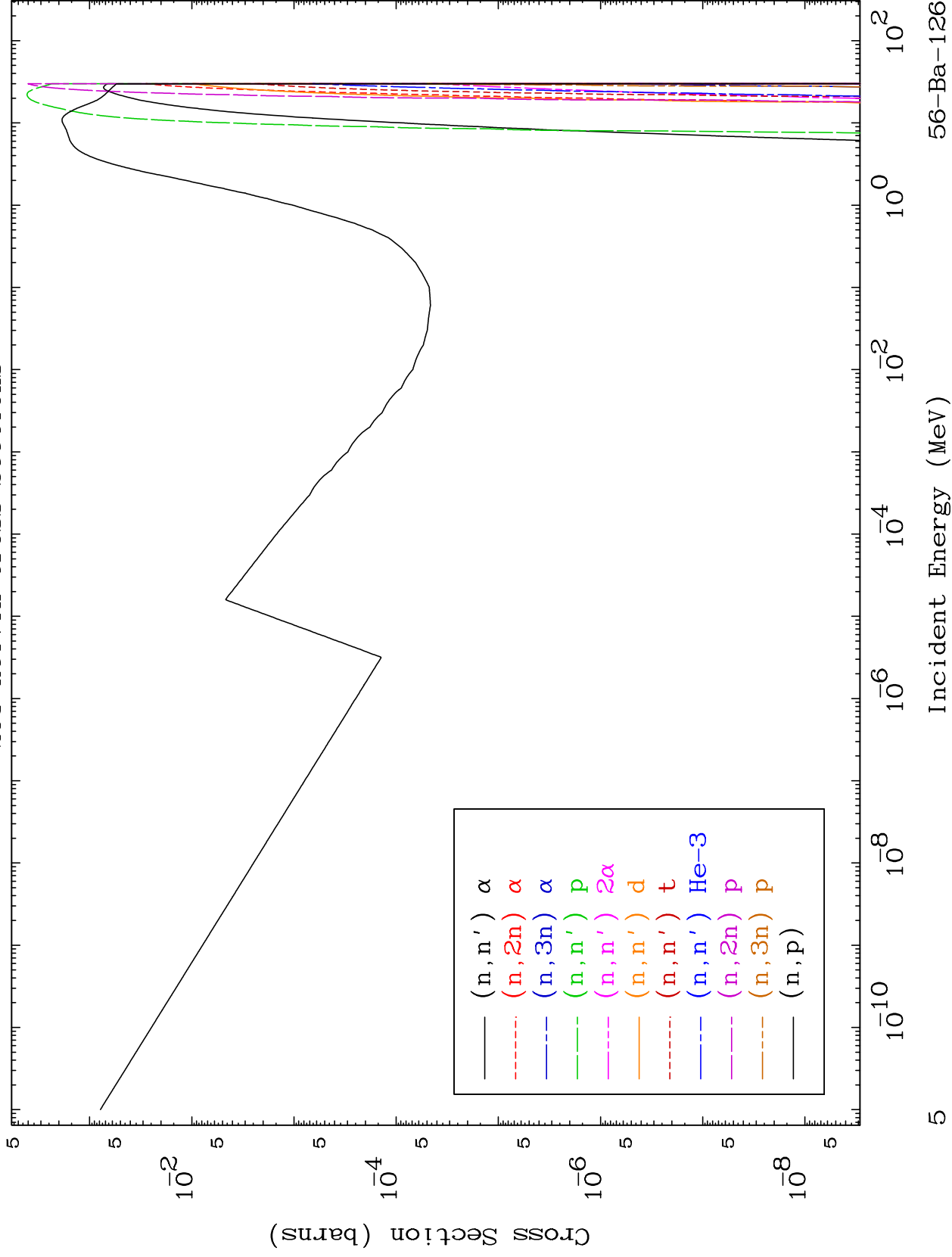
56-Ba-126

Incident Energy (MeV)

MAT 5613

Charged Particle
293 Kelvin Cross Sections

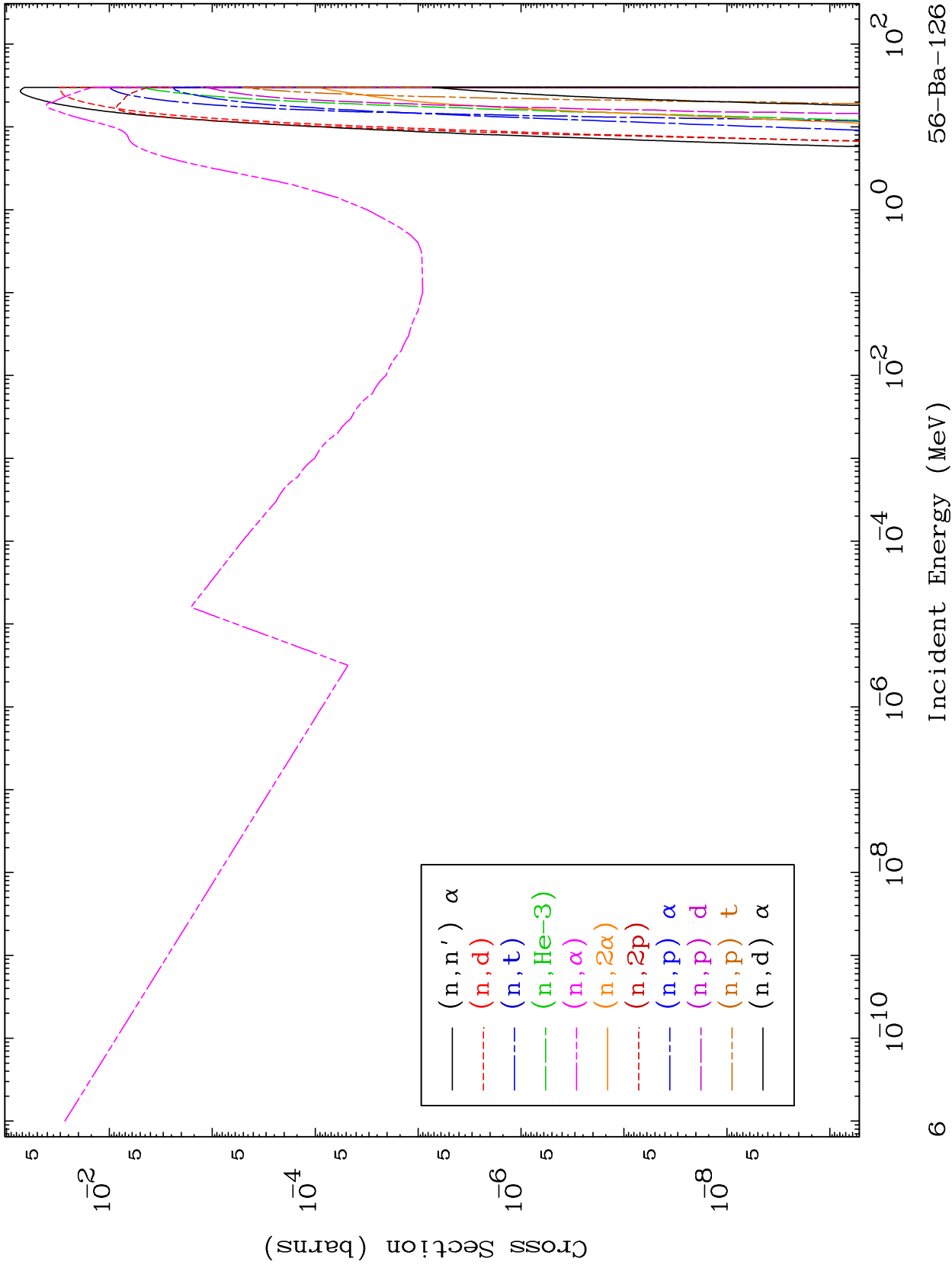
56-Ba-126



MAT 5613

Charged Particle
293 Kelvin Cross Sections

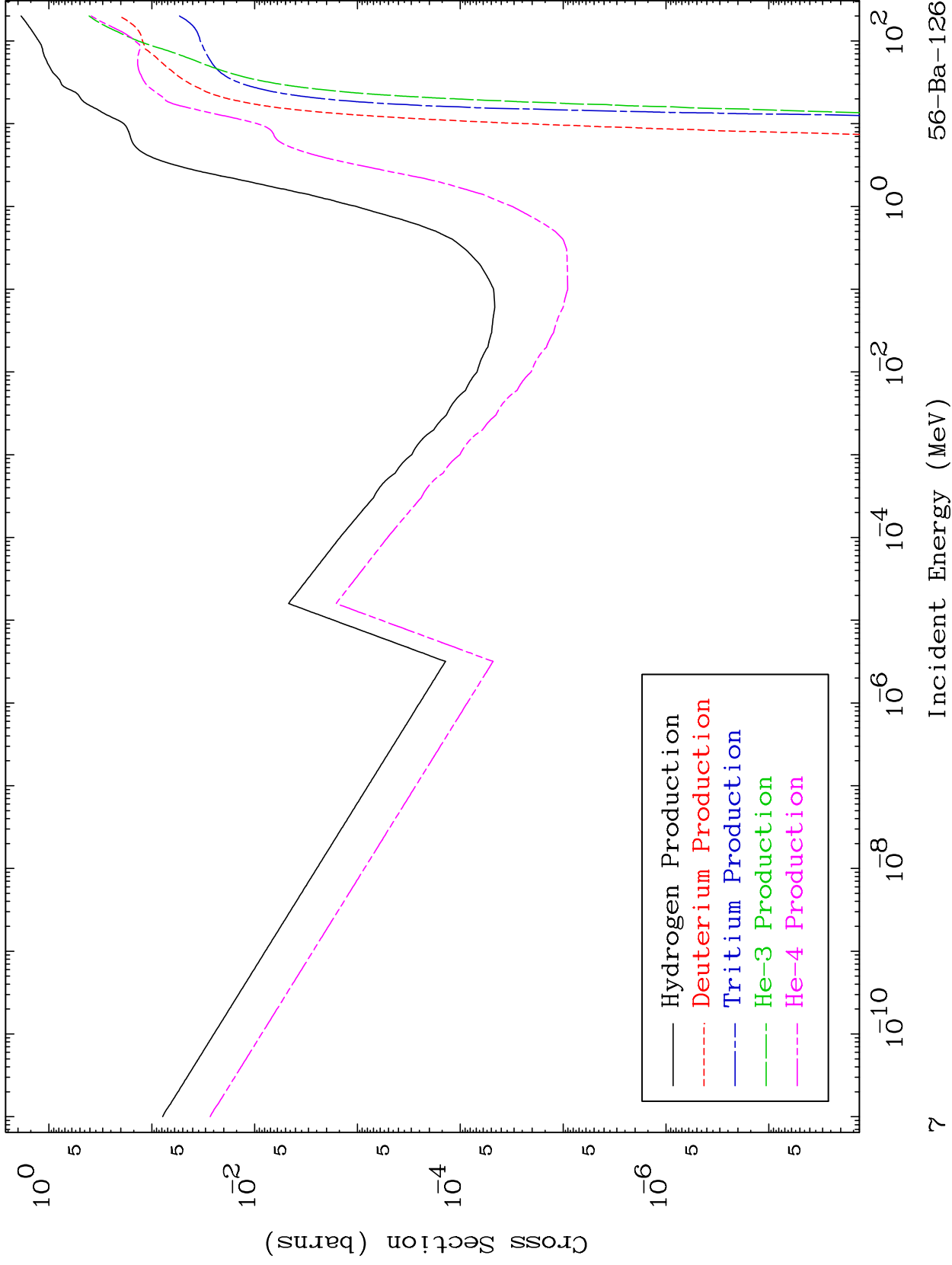
56-Ba-126



MAT 5613

Particle Production
293 Kelvin Cross Sections

56-Ba-126

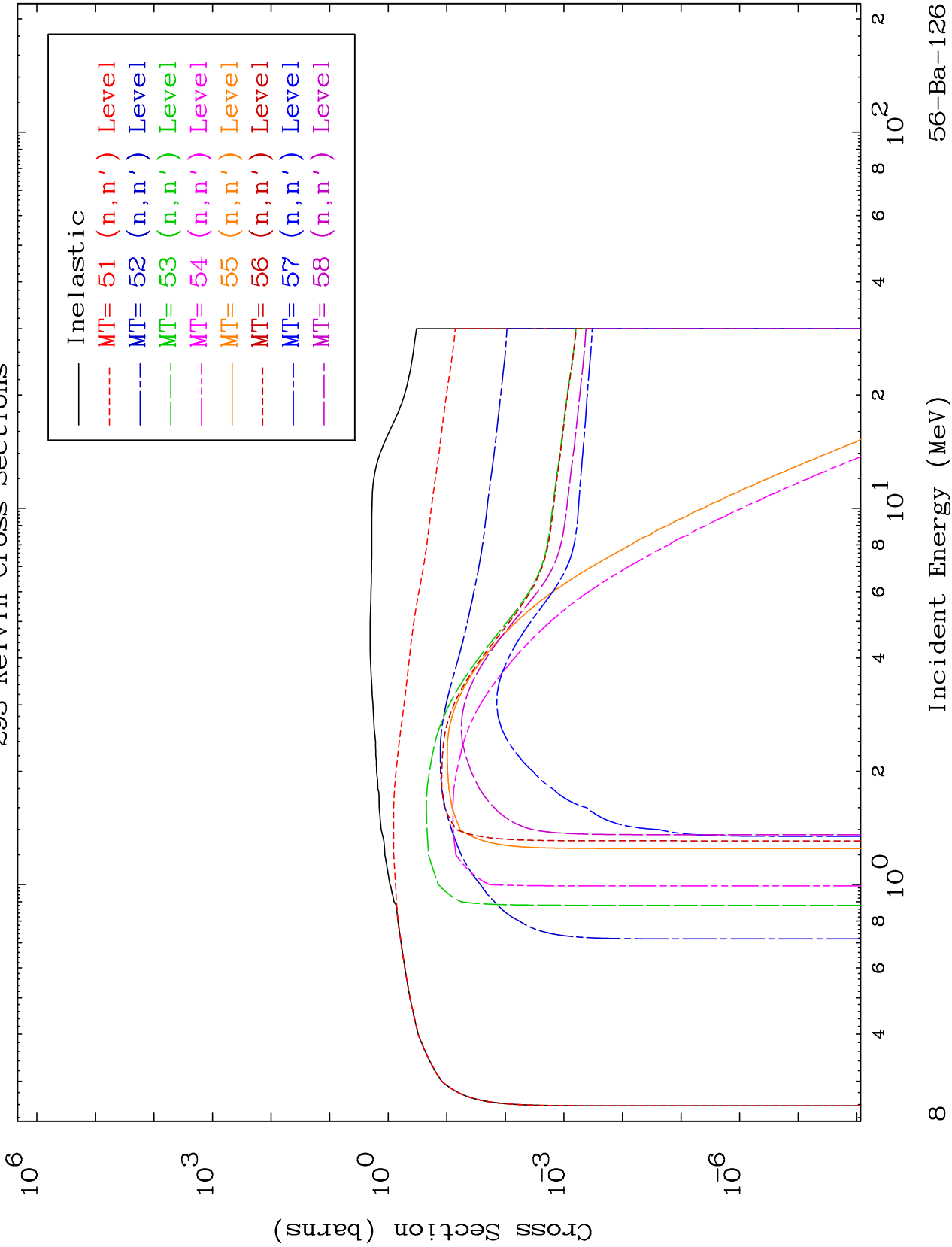


MAT 5613

(n,n') Levels

56-Ba-126

293 Kelvin Cross Sections

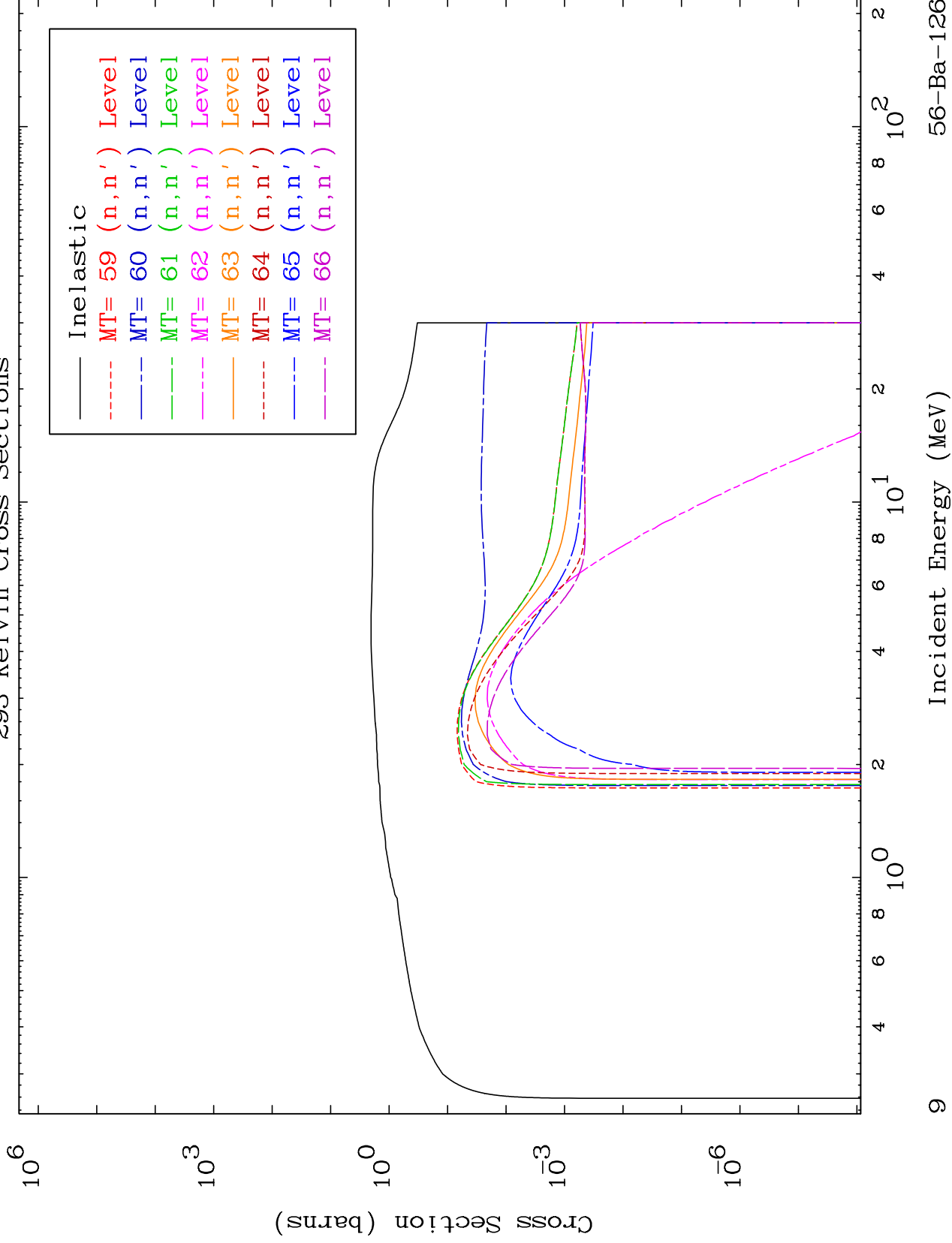


MAT 5613

(n,n') Levels

56-Ba-126

293 Kelvin Cross Sections

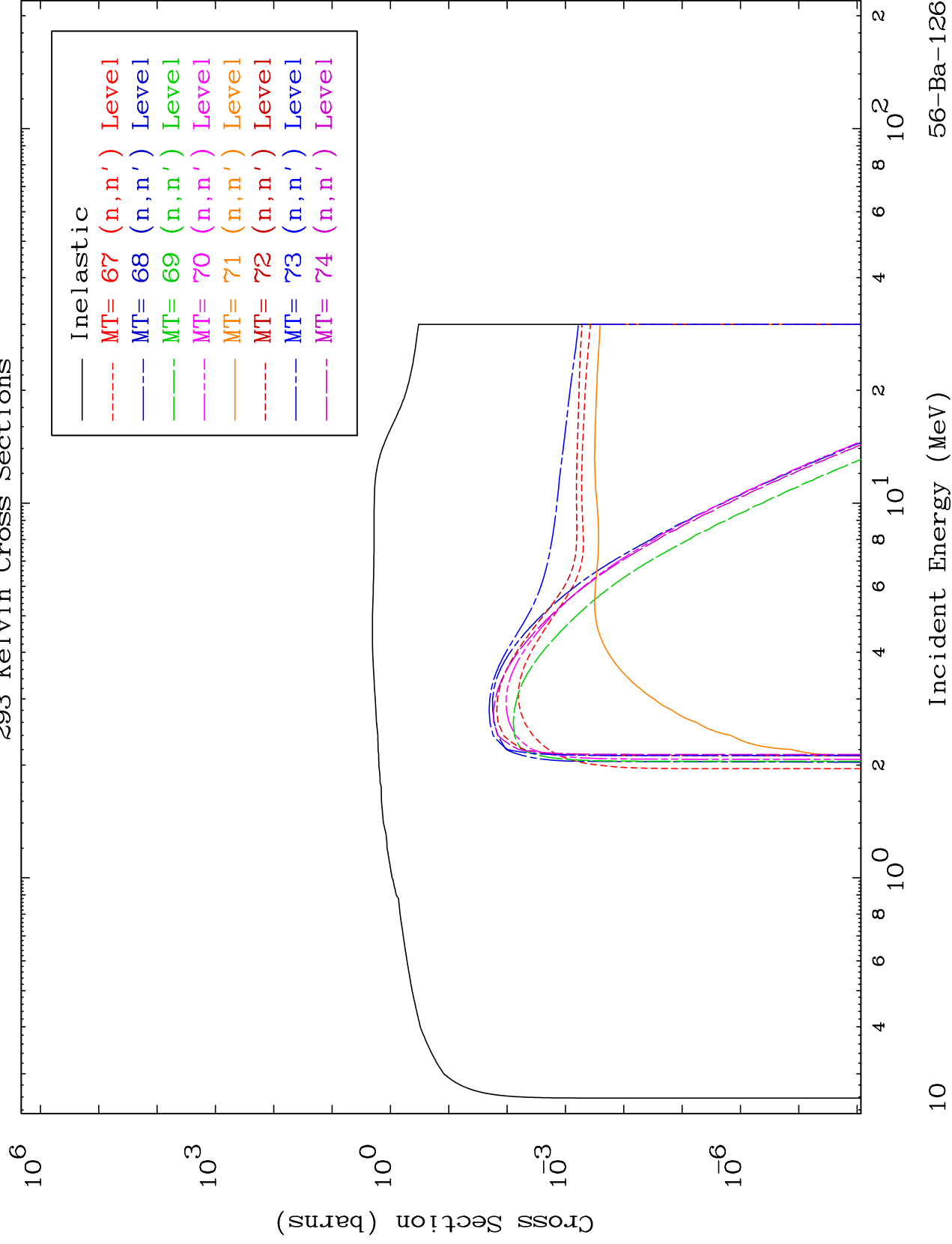


MAT 5613

(n,n') Levels

56-Ba-126

293 Kelvin Cross Sections



10

MAT 5613

(n,n') Levels

56-Ba-126

293 Kelvin Cross Sections

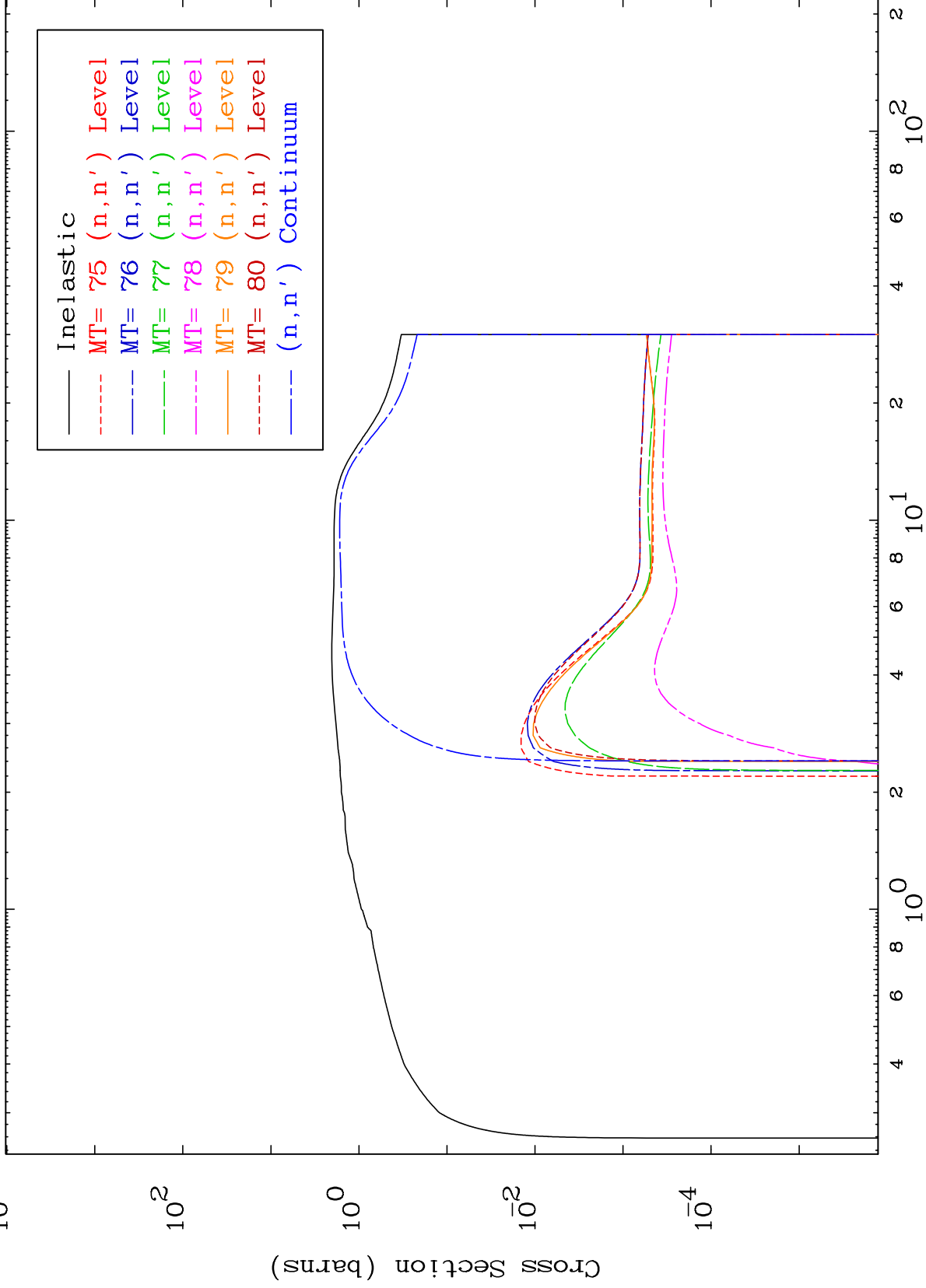
10^4

10^2

10^0

10^{-2}

10^{-4}



11

Incident Energy (MeV)

56-Ba-126

10^2

2

4

6

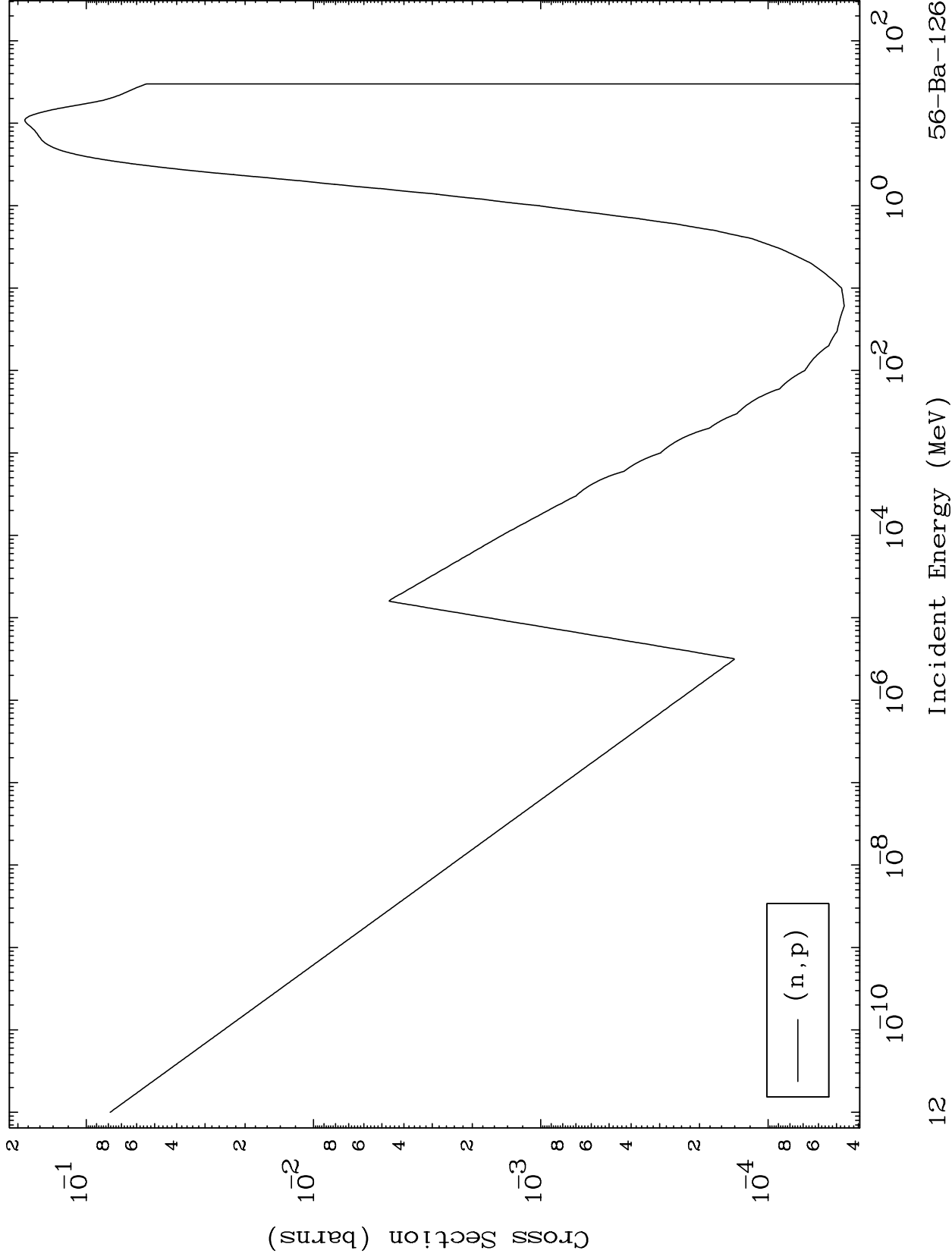
8

10

MAT 5613

(n,p) Levels
293 Kelvin Cross Sections

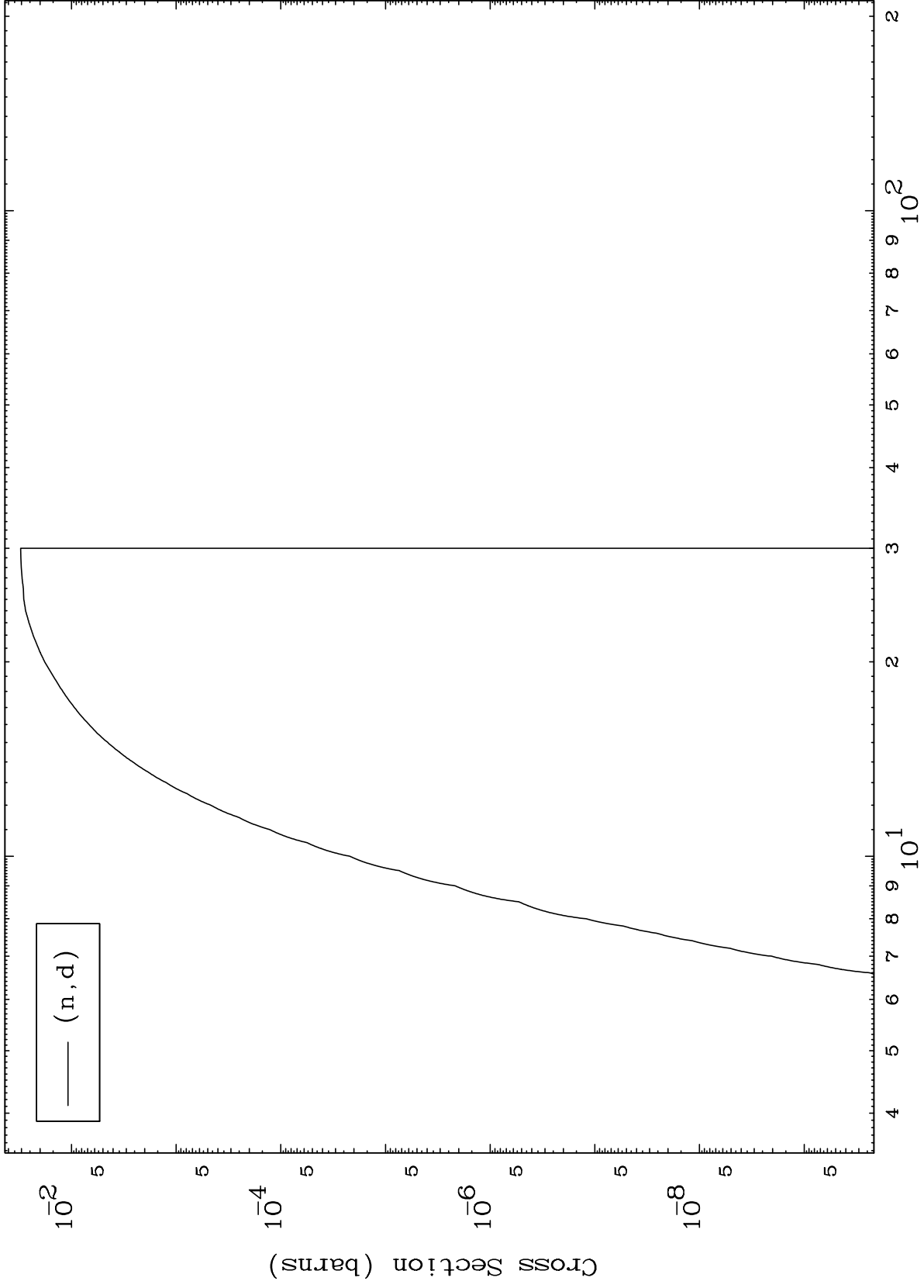
56-Ba-126



MAT 5613

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-126



13

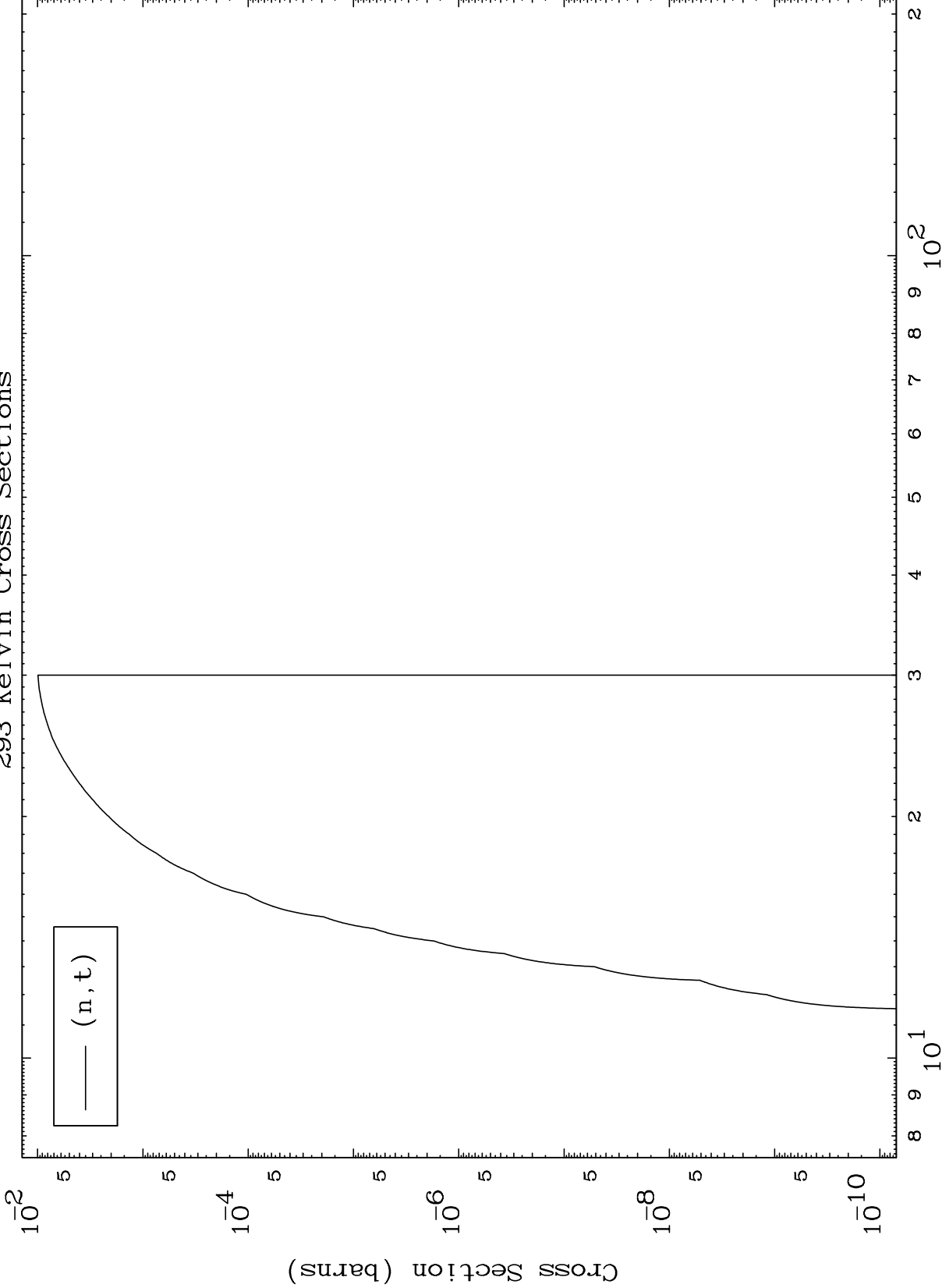
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-126



14

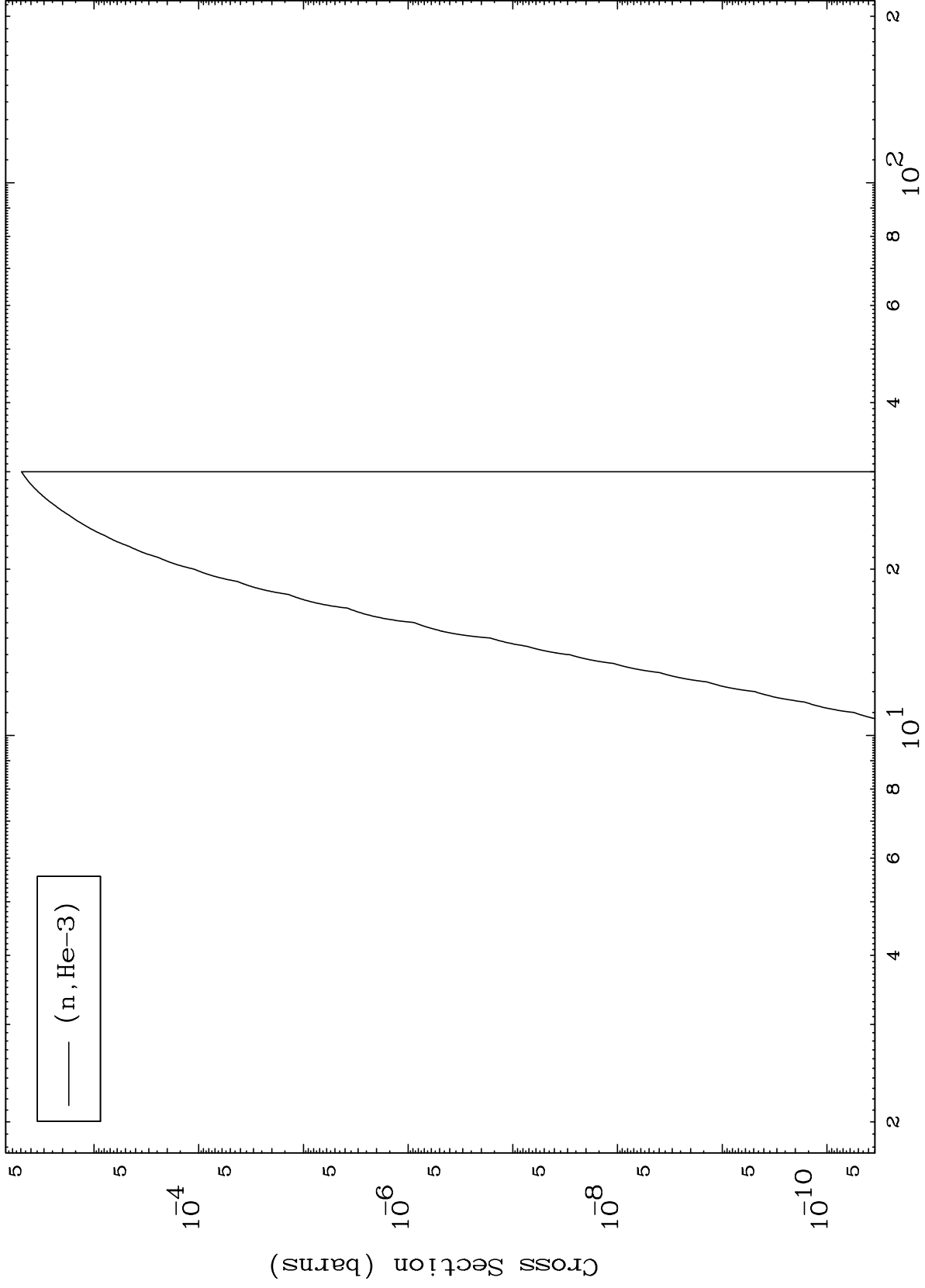
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-126



15

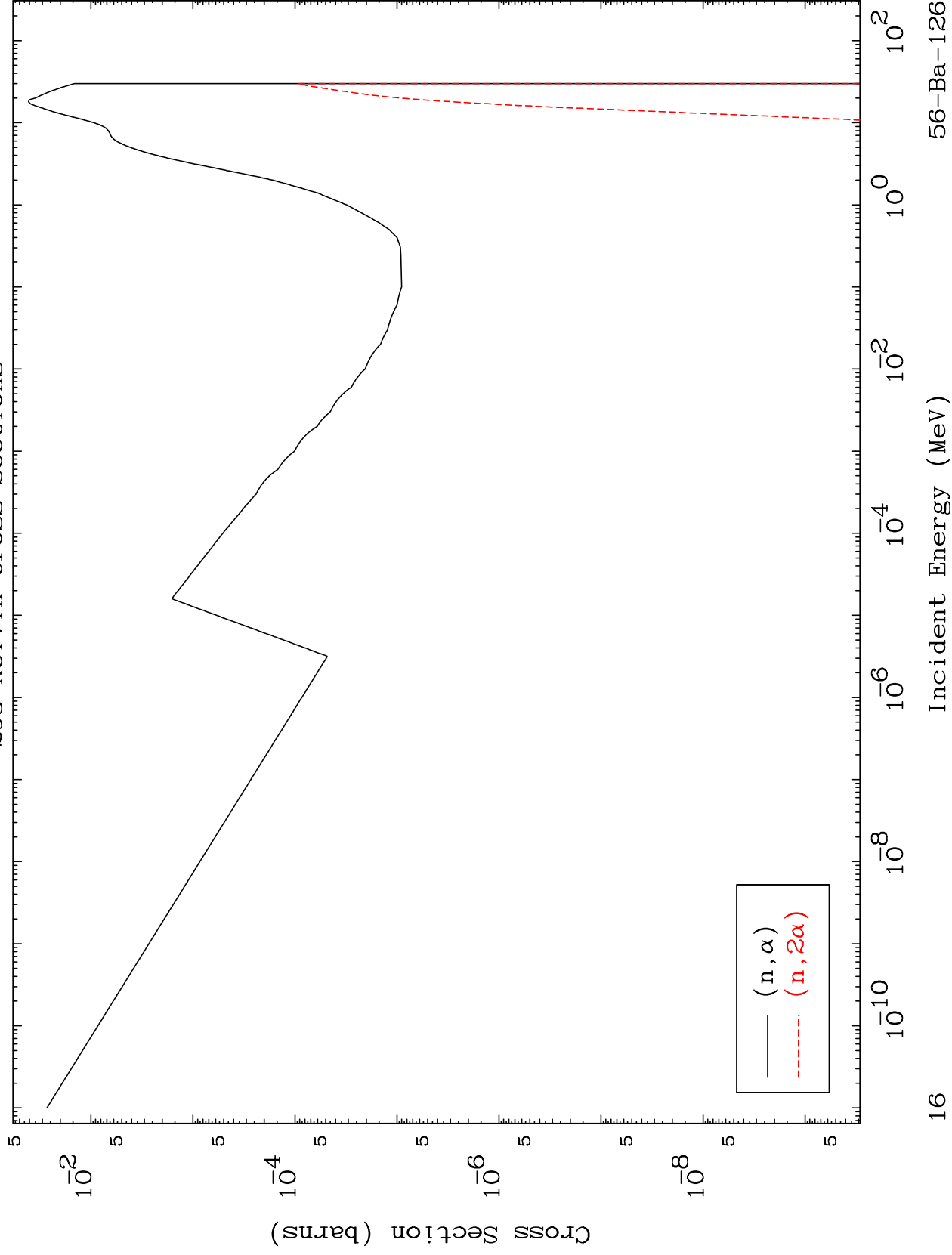
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n, α) Levels
293 Kelvin Cross Sections

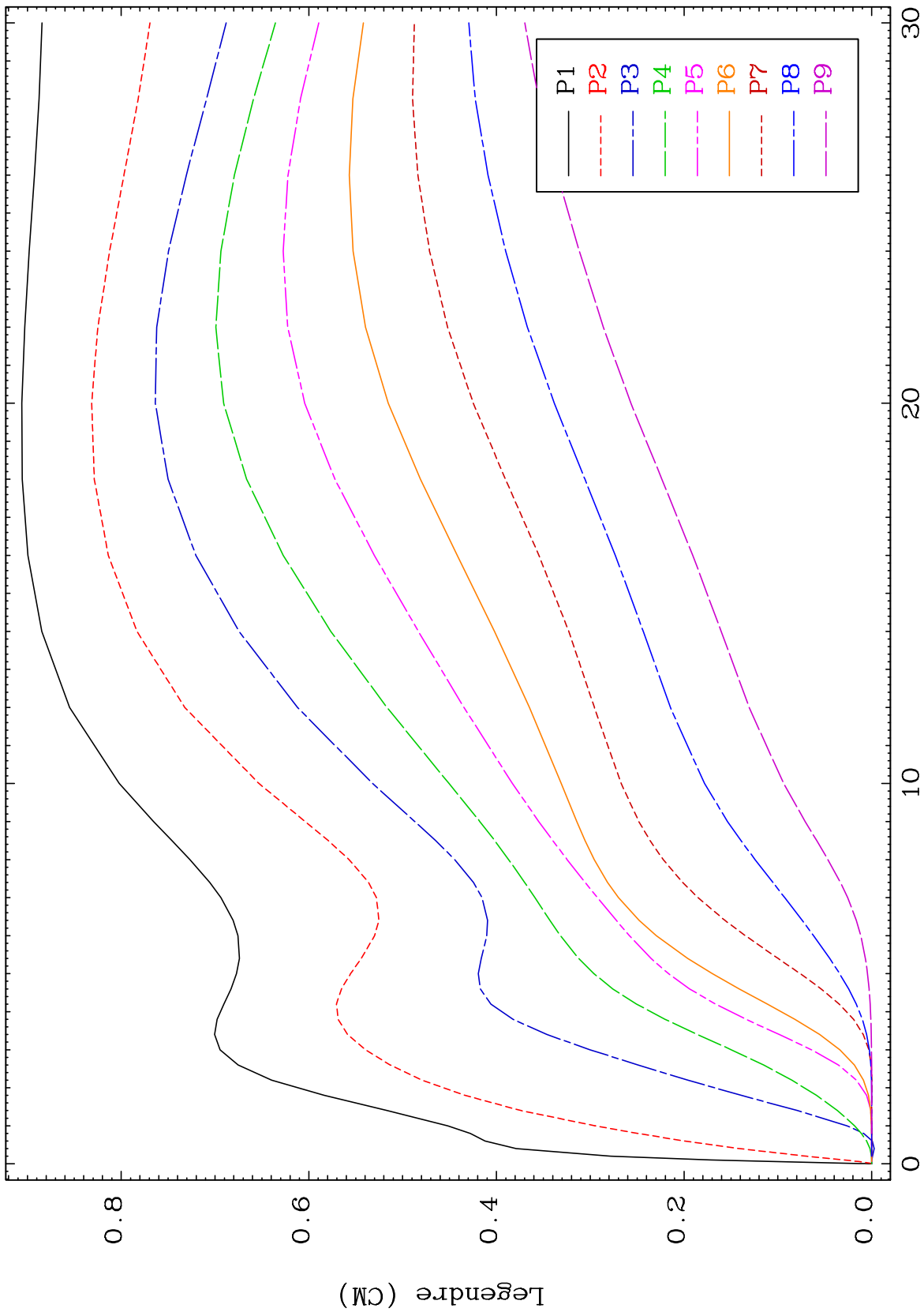
56-Ba-126



MAT 5613

56-Ba-126

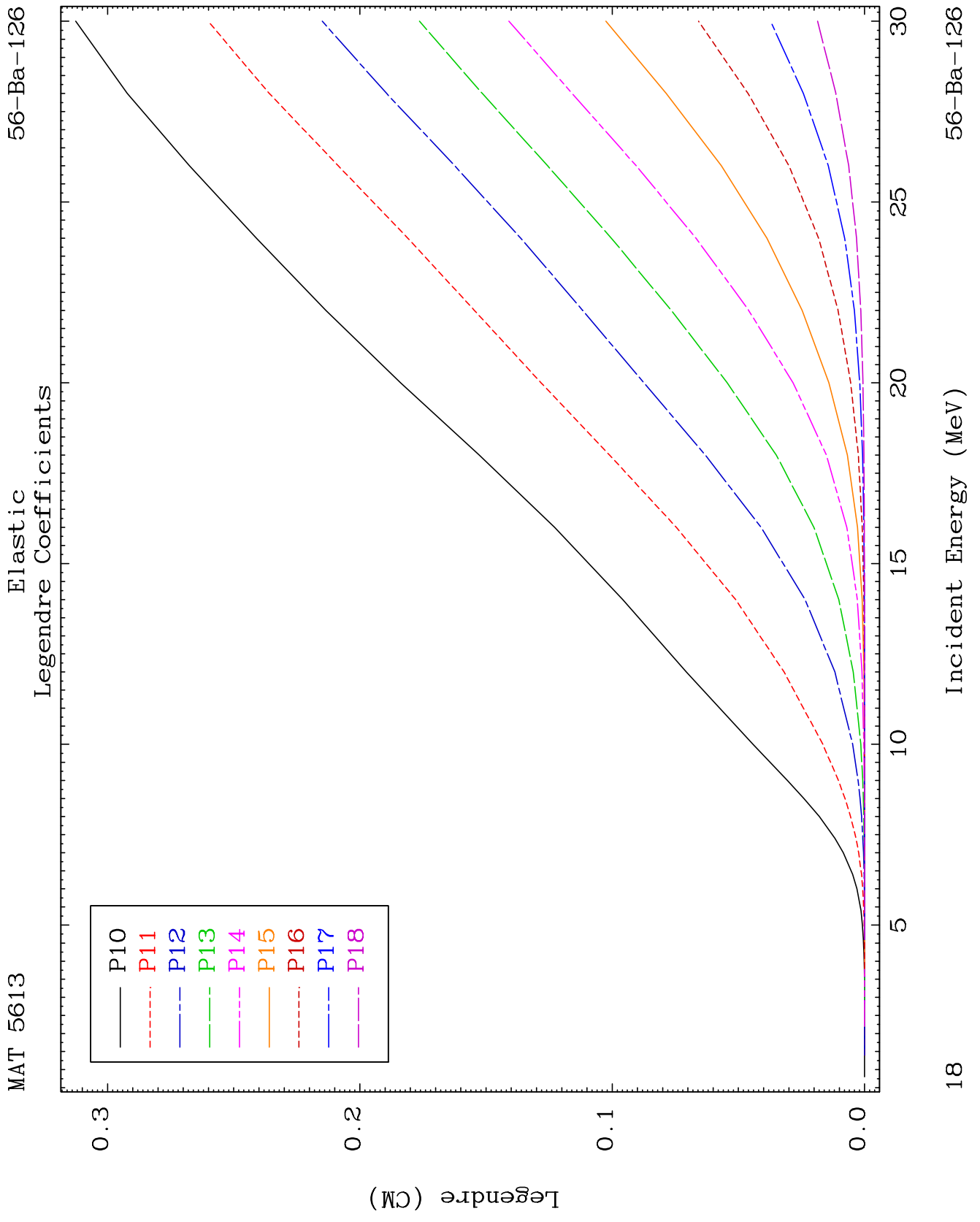
Elastic Legendre Coefficients



17

Incident Energy (MeV)

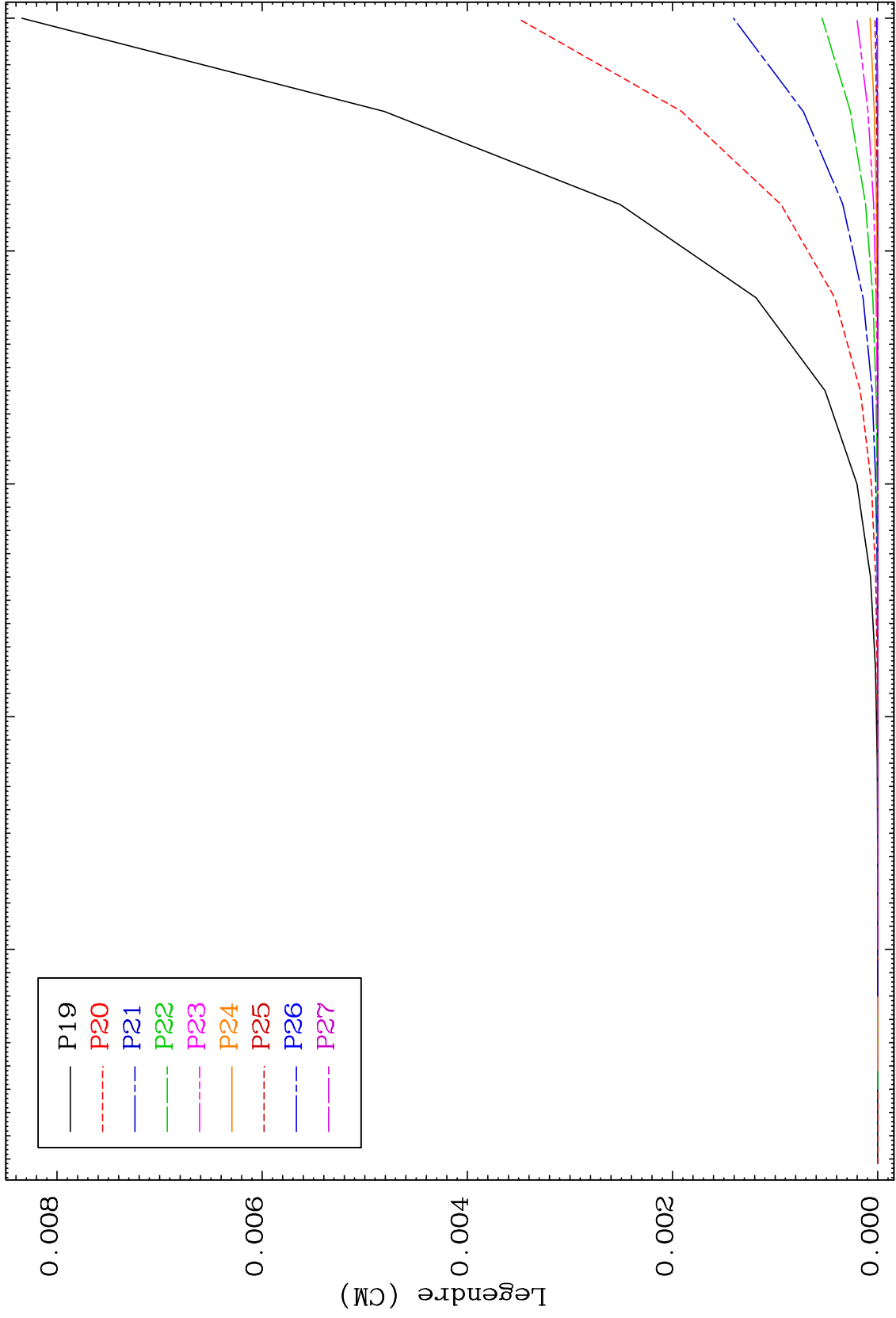
56-Ba-126



MAT 5613

Elastic Legendre Coefficients

56-Ba-126



19

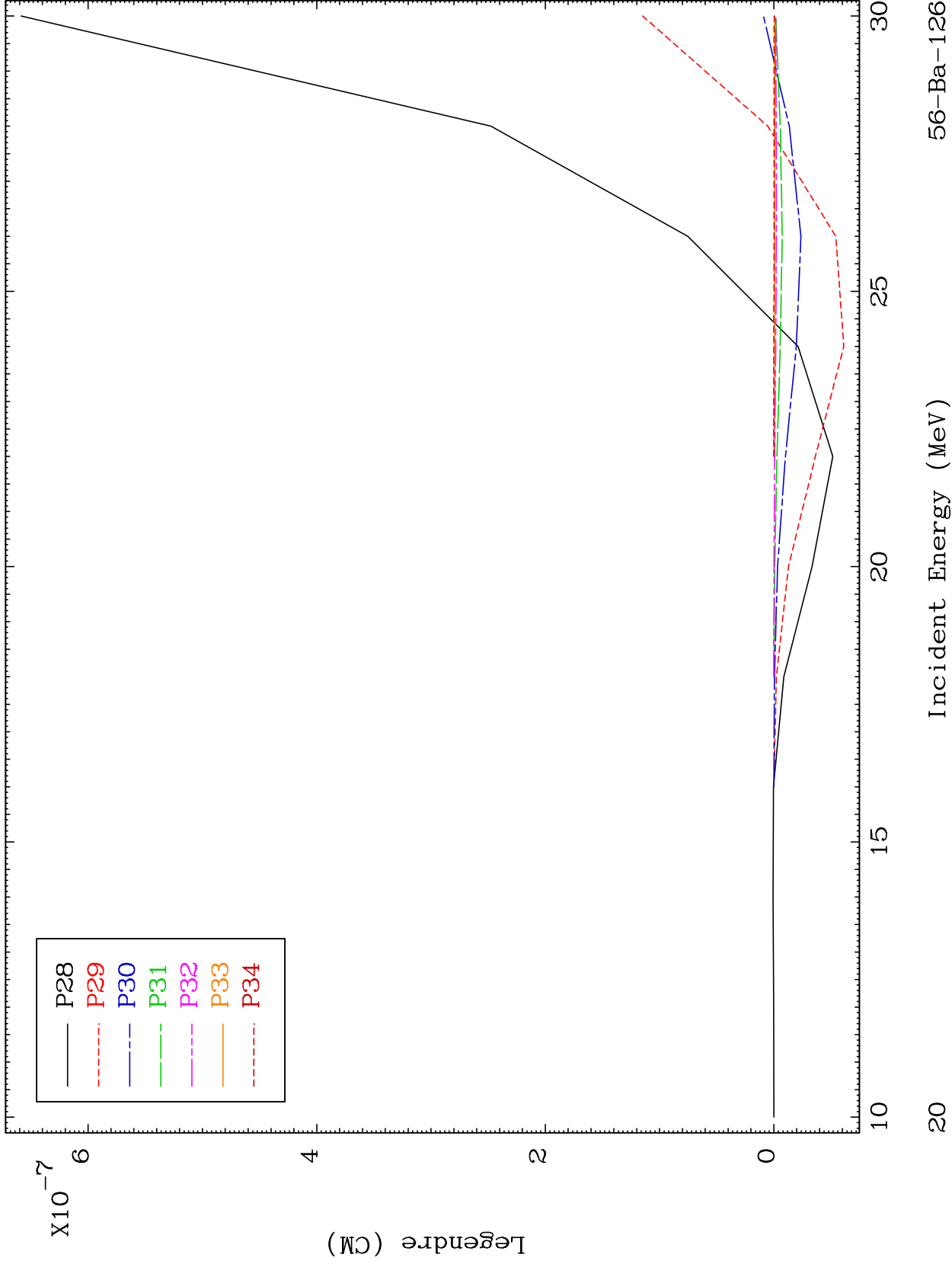
Incident Energy (MeV)

56-Ba-126

MAT 5613

Elastic
Legendre Coefficients

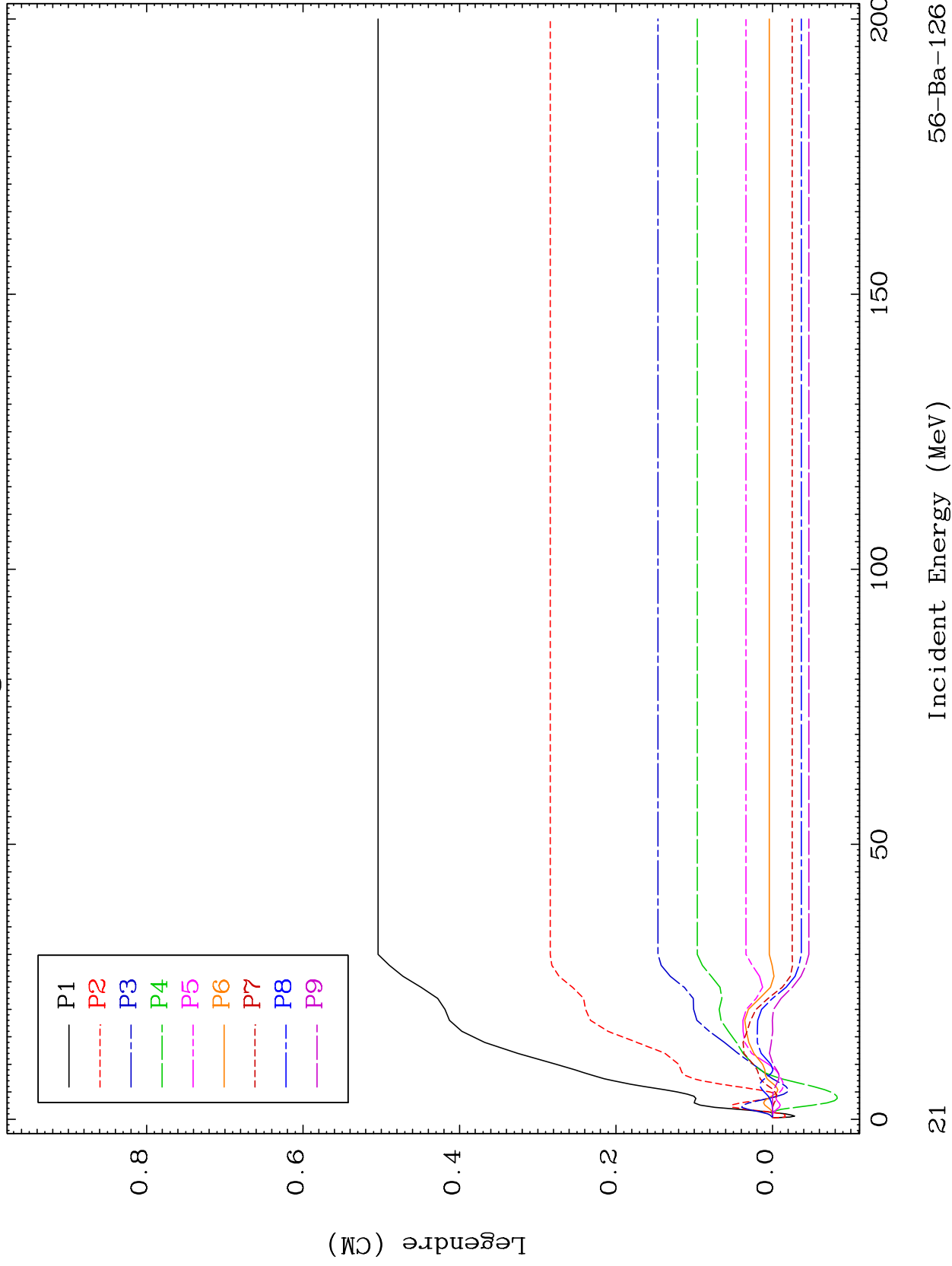
56-Ba-126



MAT 5613

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

56-Ba-126



56-Ba-126

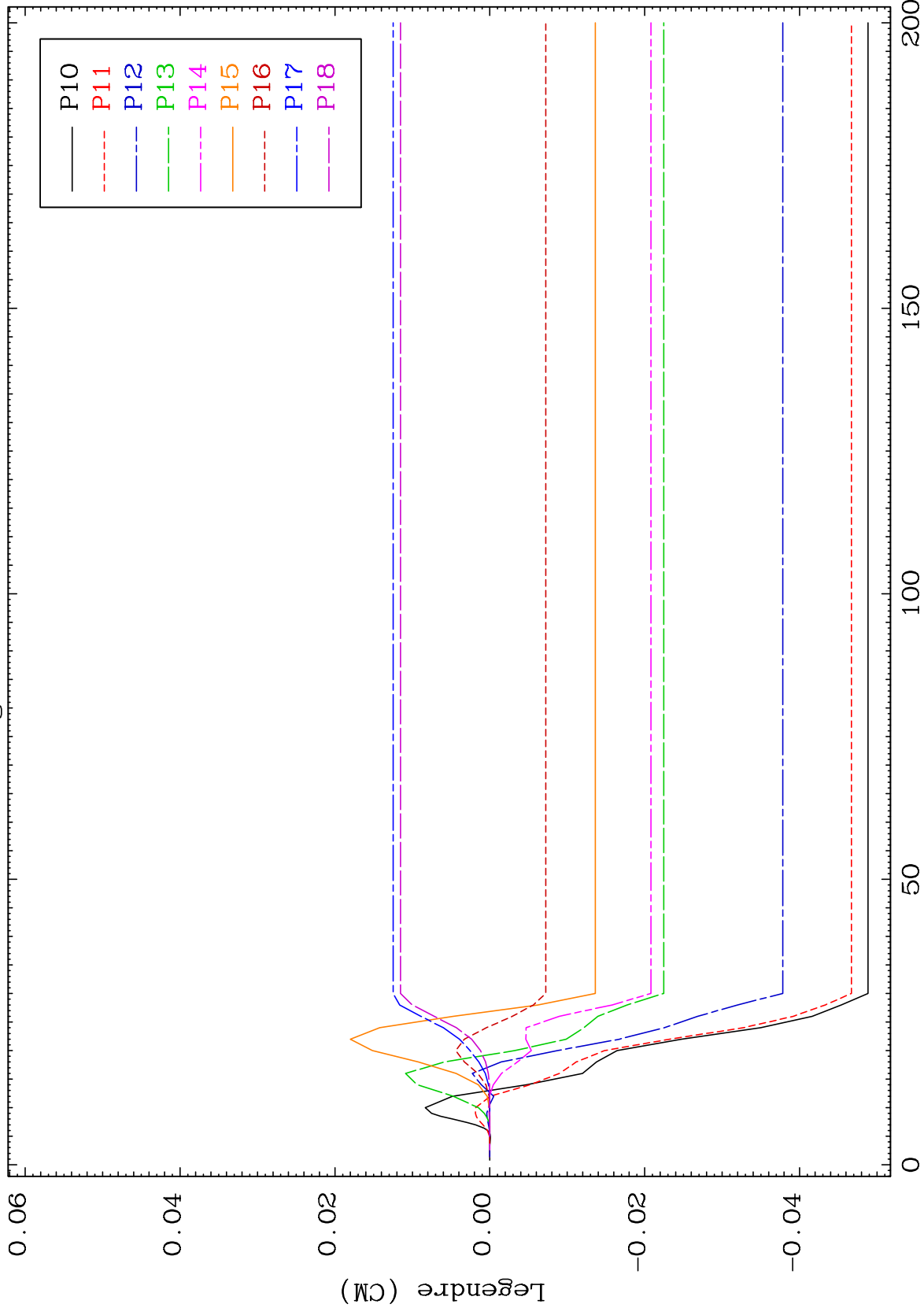
Incident Energy (MeV)

21

MAT 5613

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

56-Ba-126



22

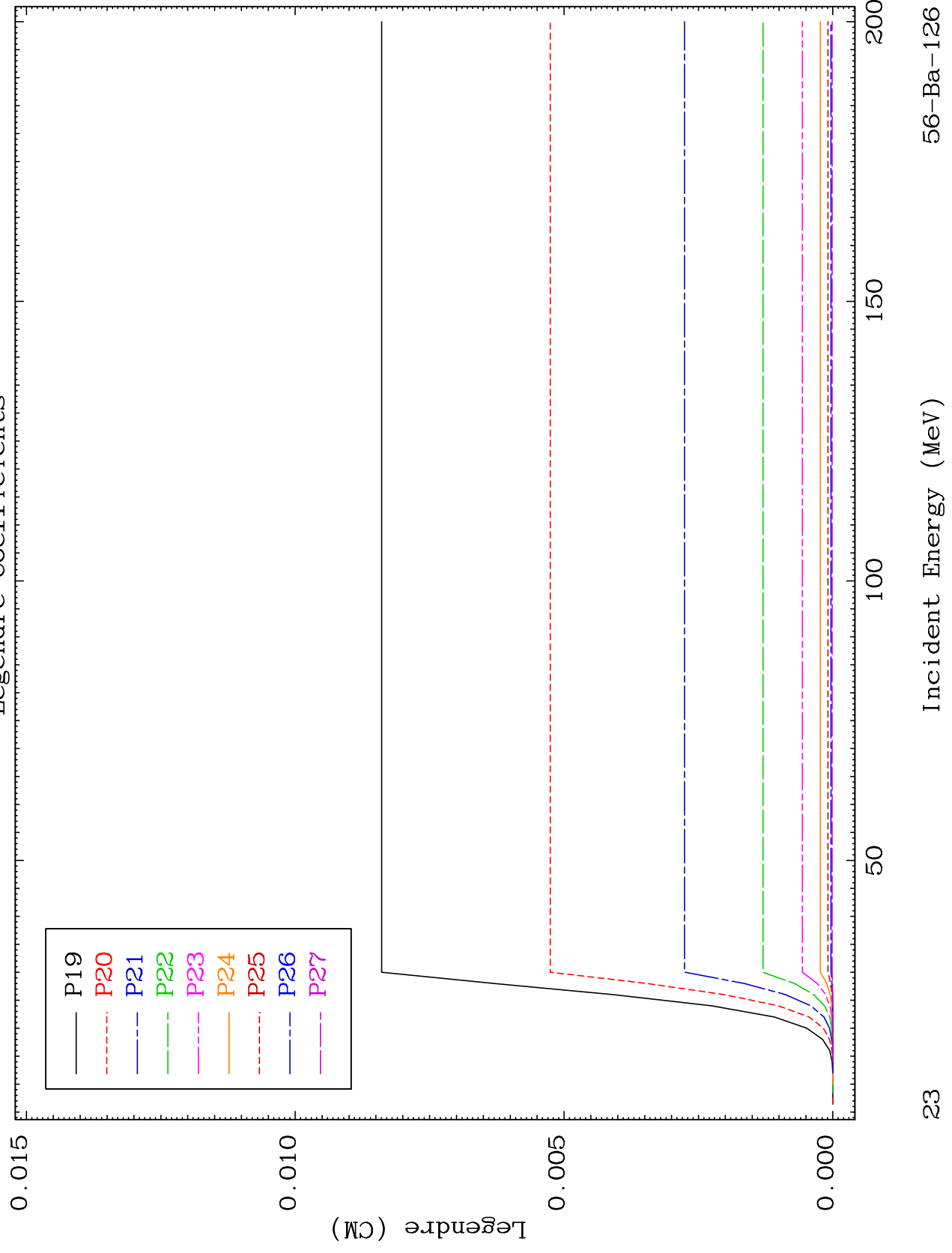
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

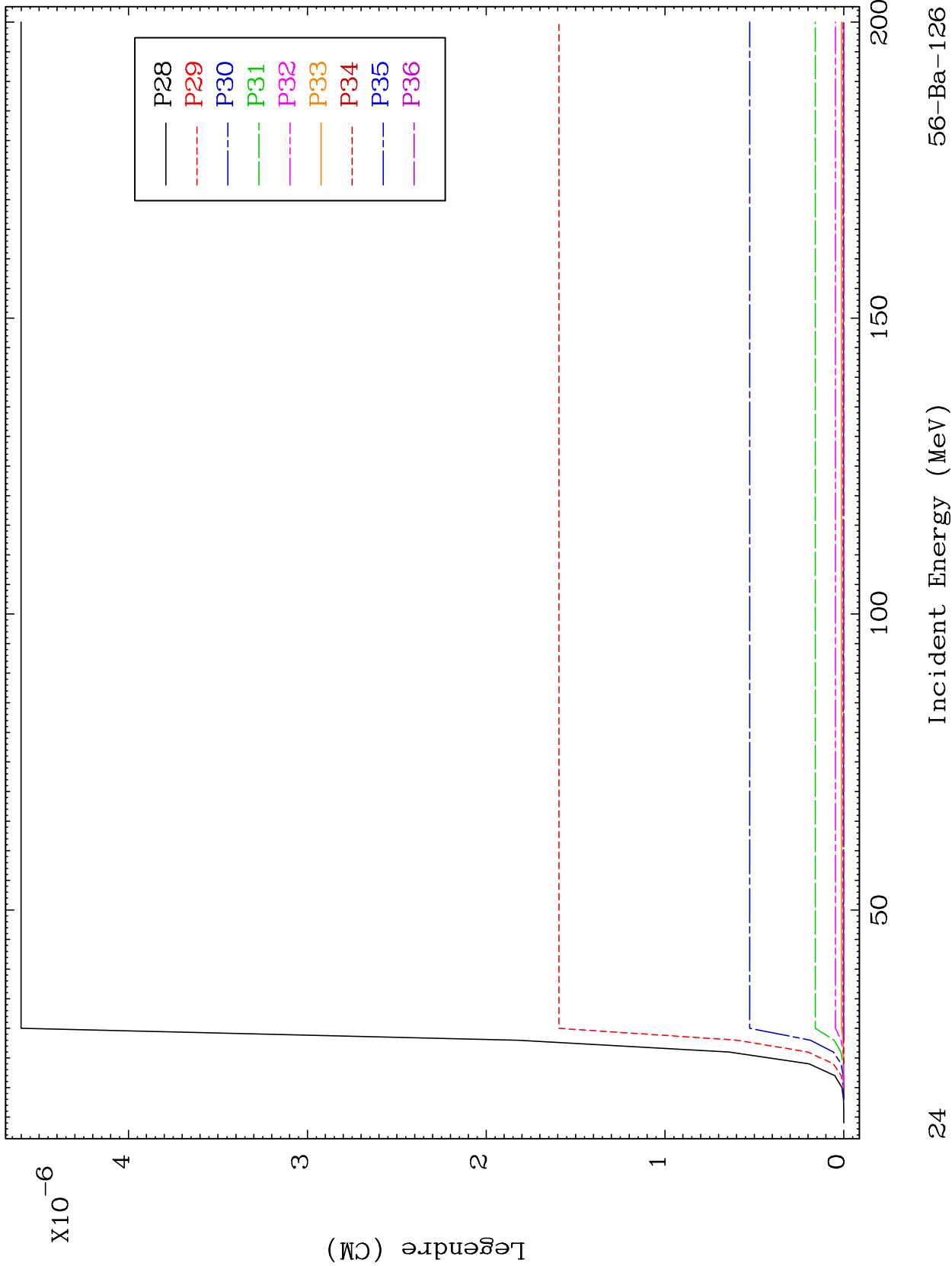
56-Ba-126



MAT 5613

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

56-Ba-126

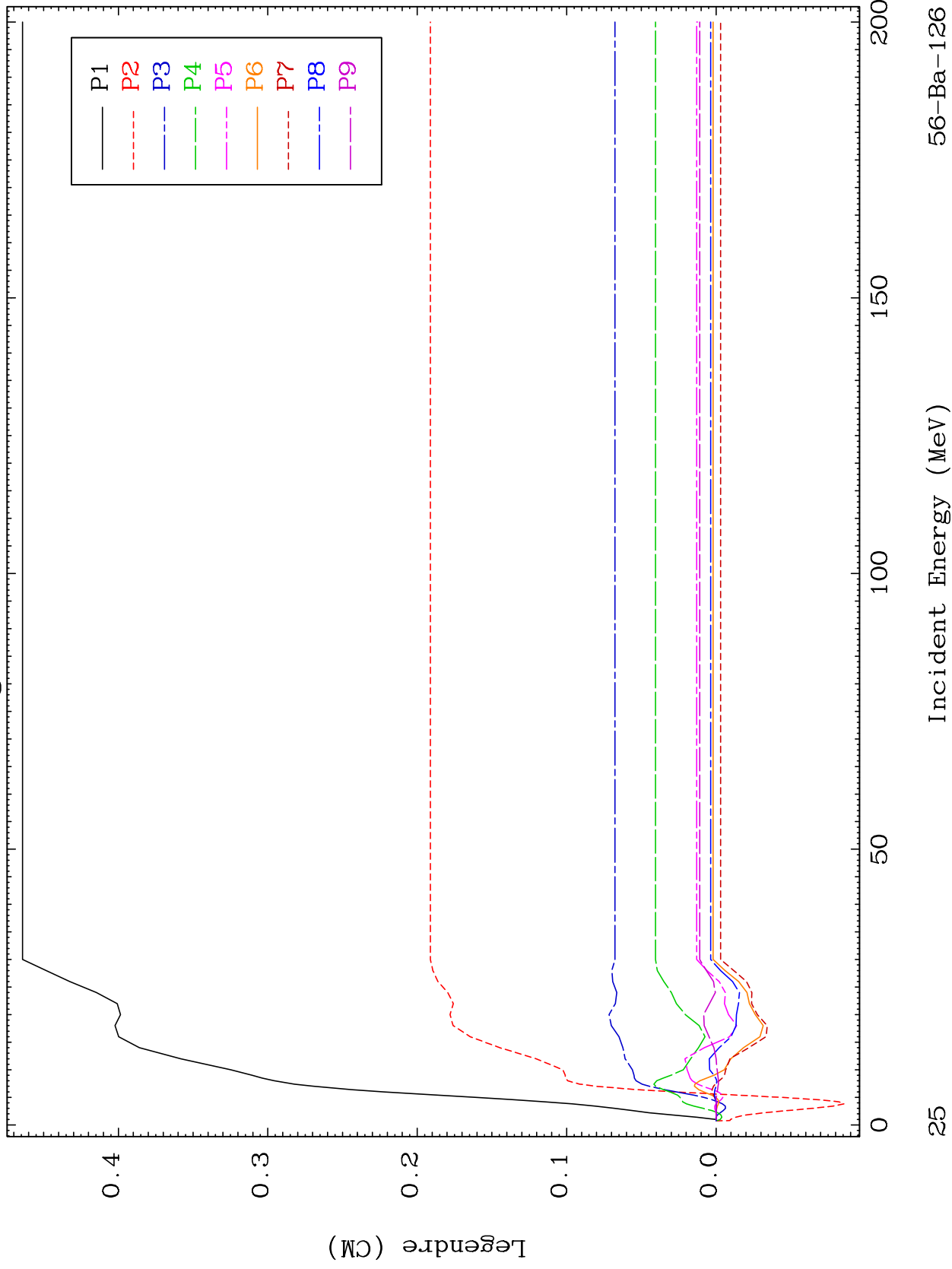


24

MAT 5613

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

56-Ba-126



56-Ba-126

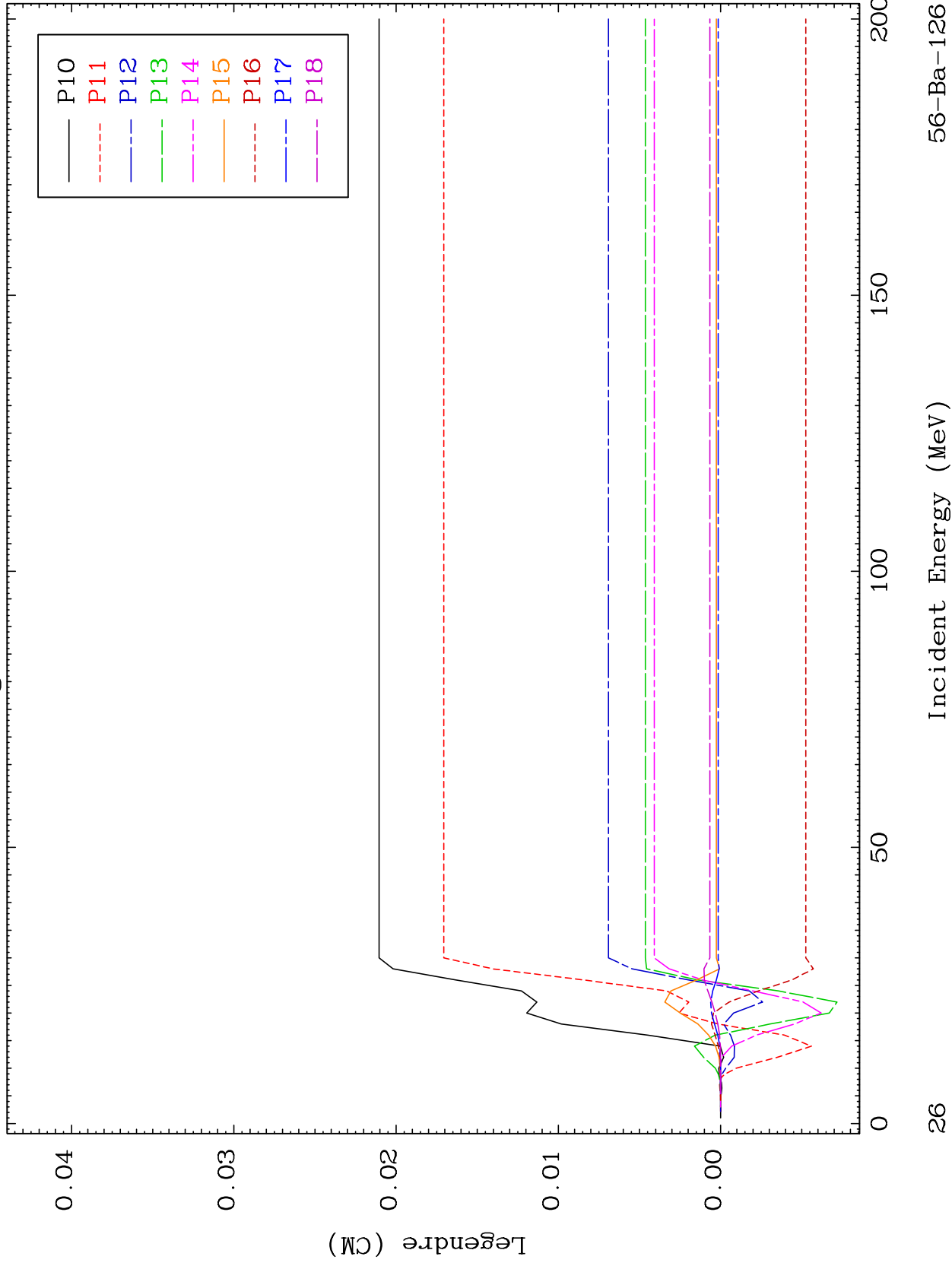
Incident Energy (MeV)

25

MAT 5613

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

56-Ba-126



56-Ba-126

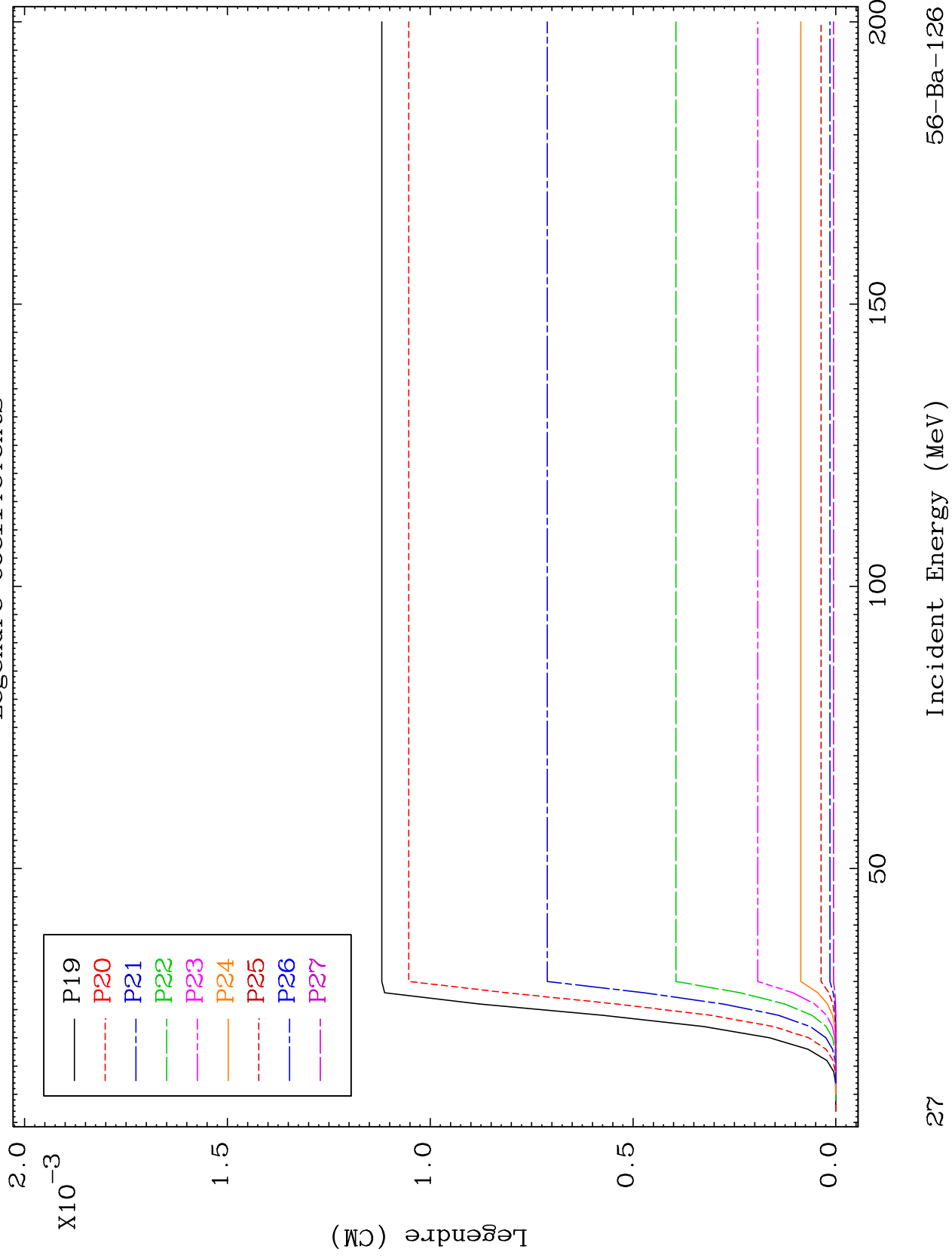
Incident Energy (MeV)

26

MAT 5613

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

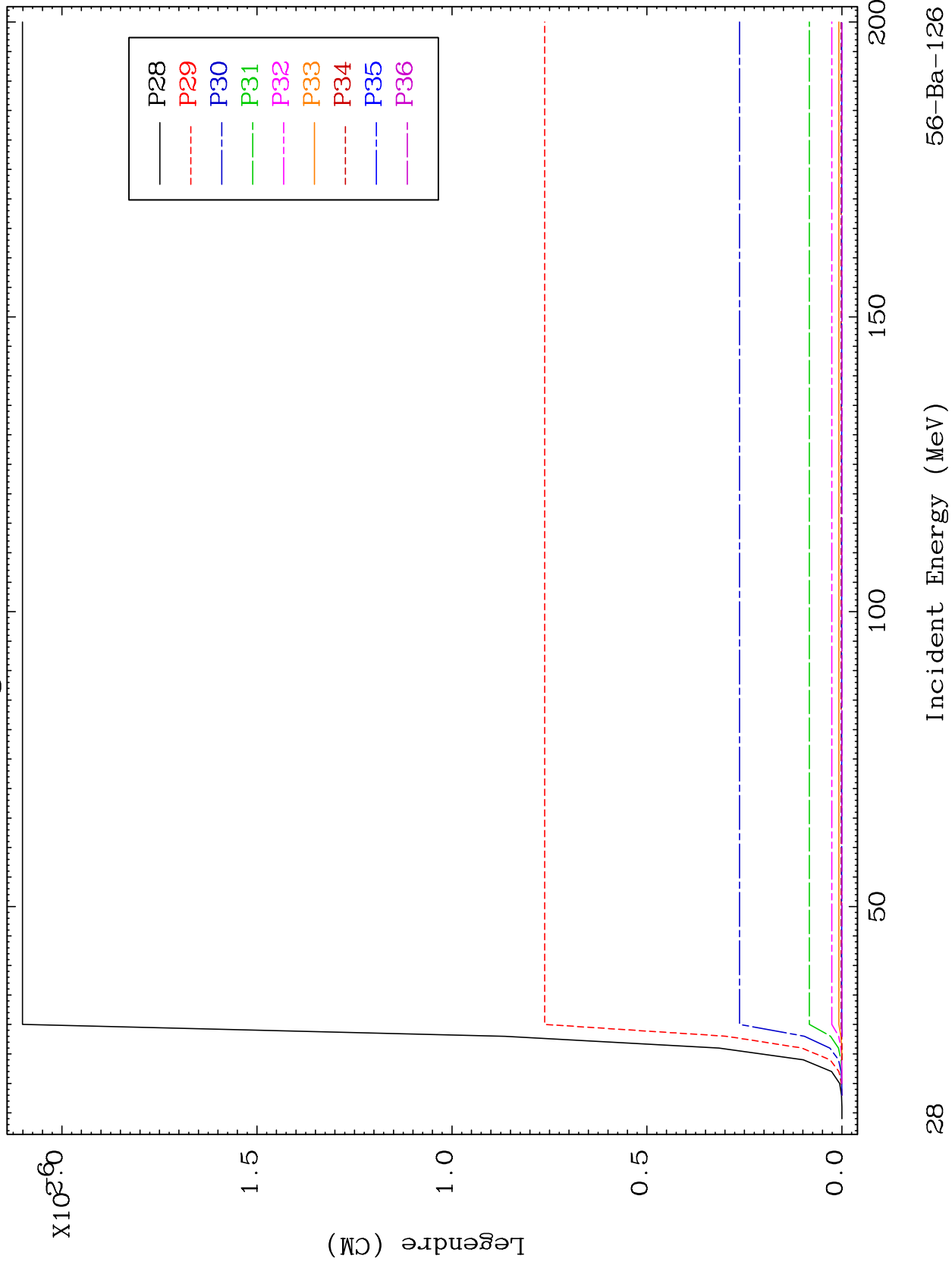
56-Ba-126



MAT 5613

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

56-Ba-126



28

Incident Energy (MeV)

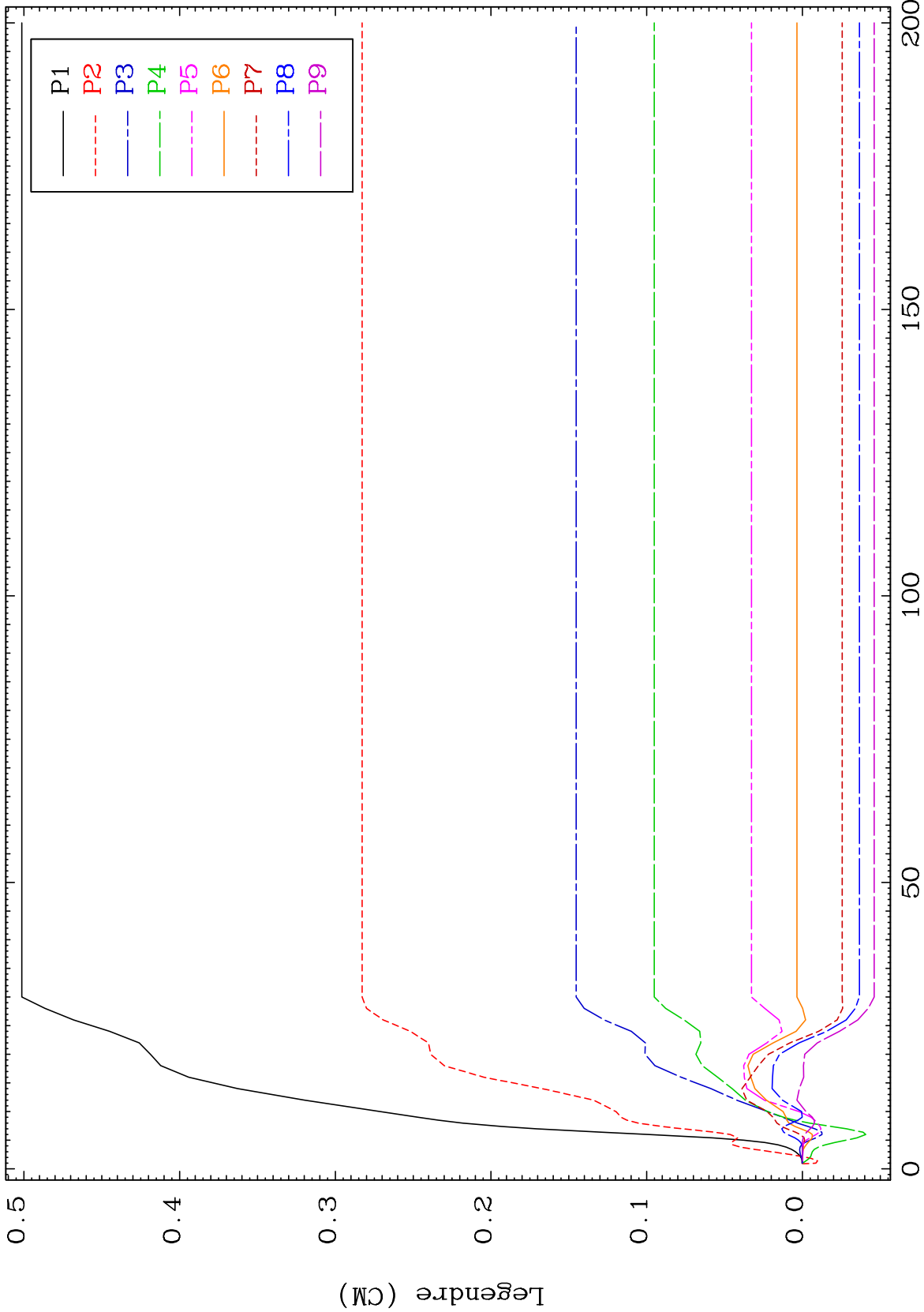
56-Ba-126

MAT 5613

MT= 53 (n,n') Level

56-Ba-126

Legendre Coefficients



29

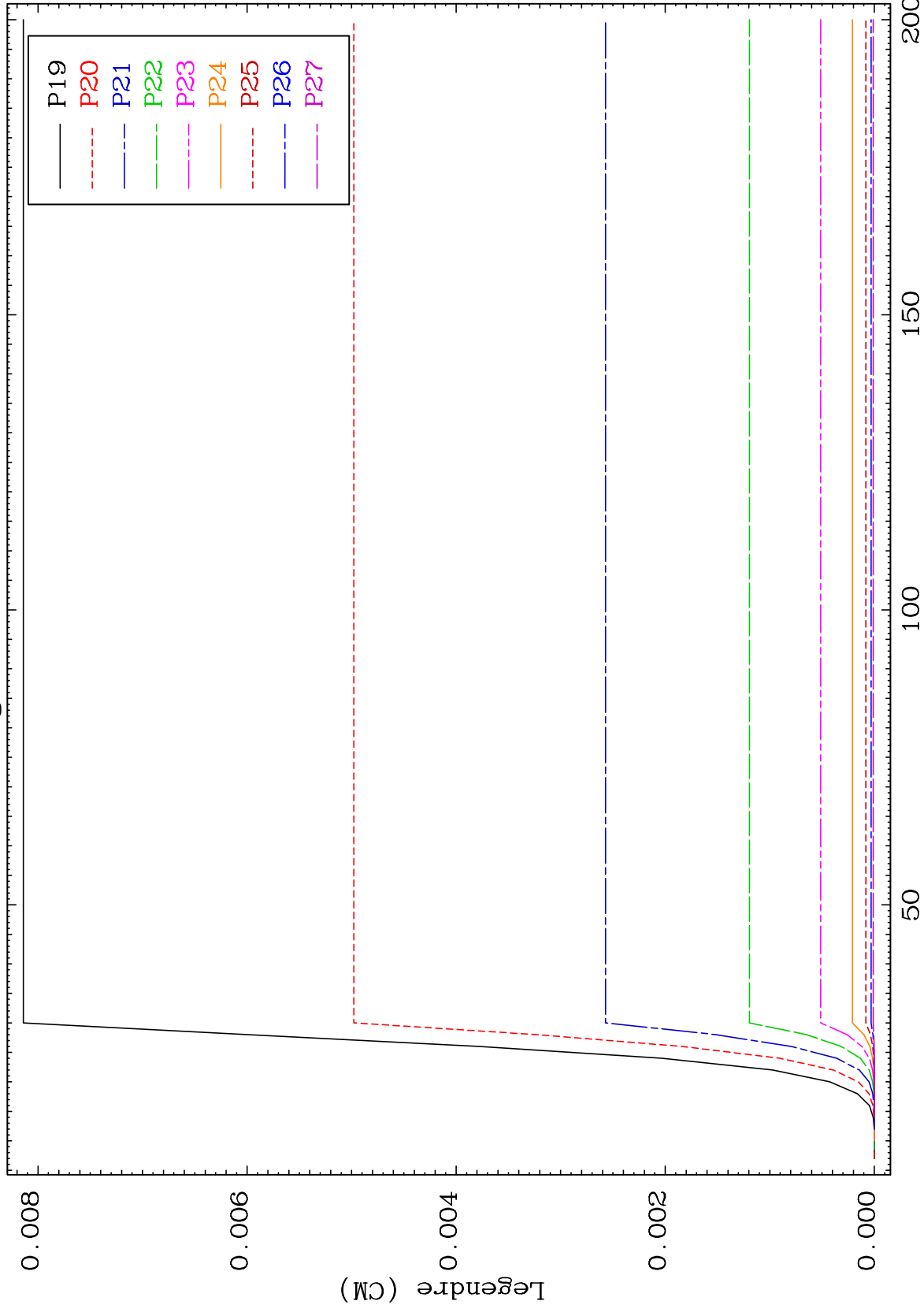
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



31

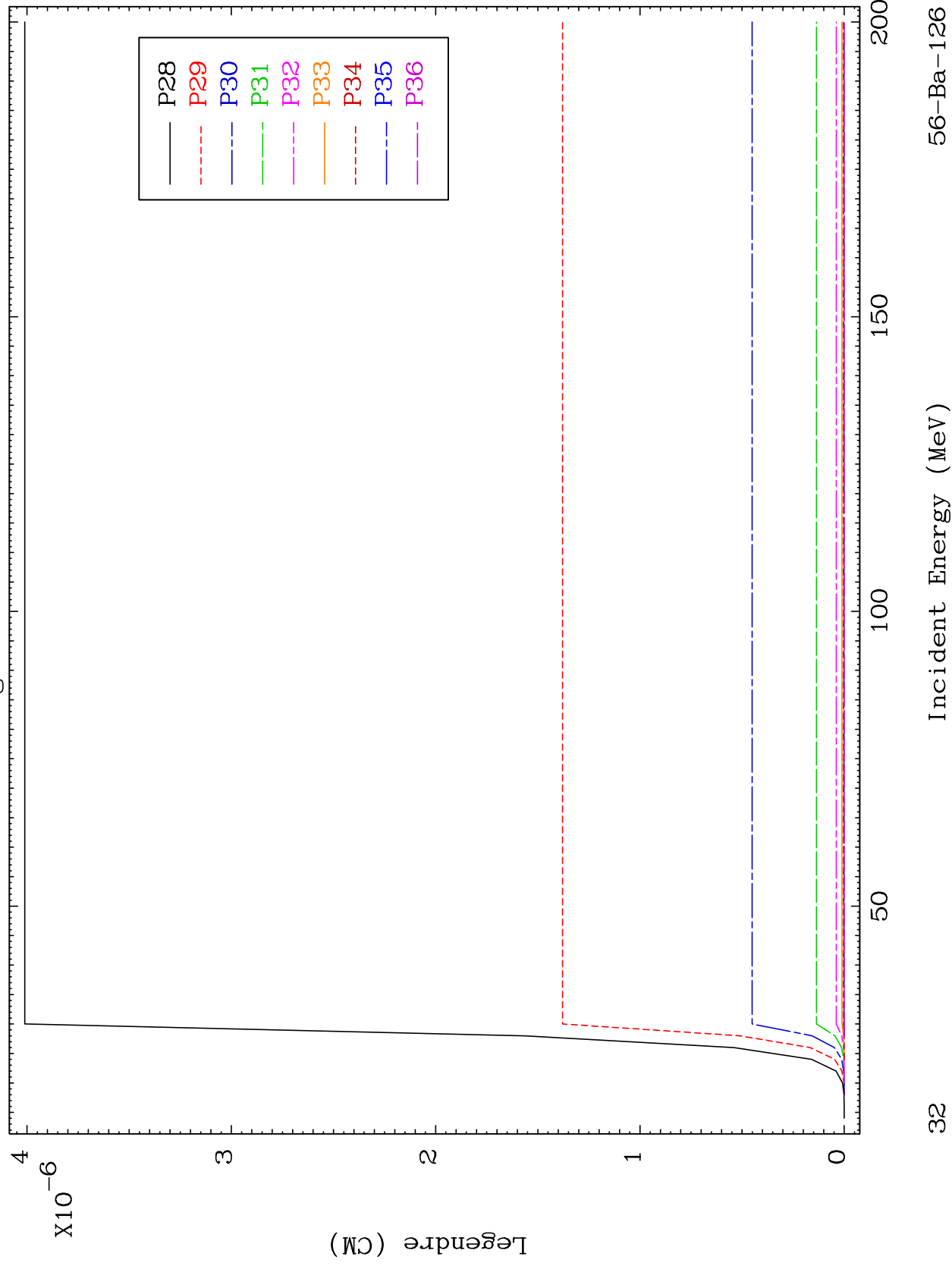
Incident Energy (MeV)

56-Ba-126

MAT 5613

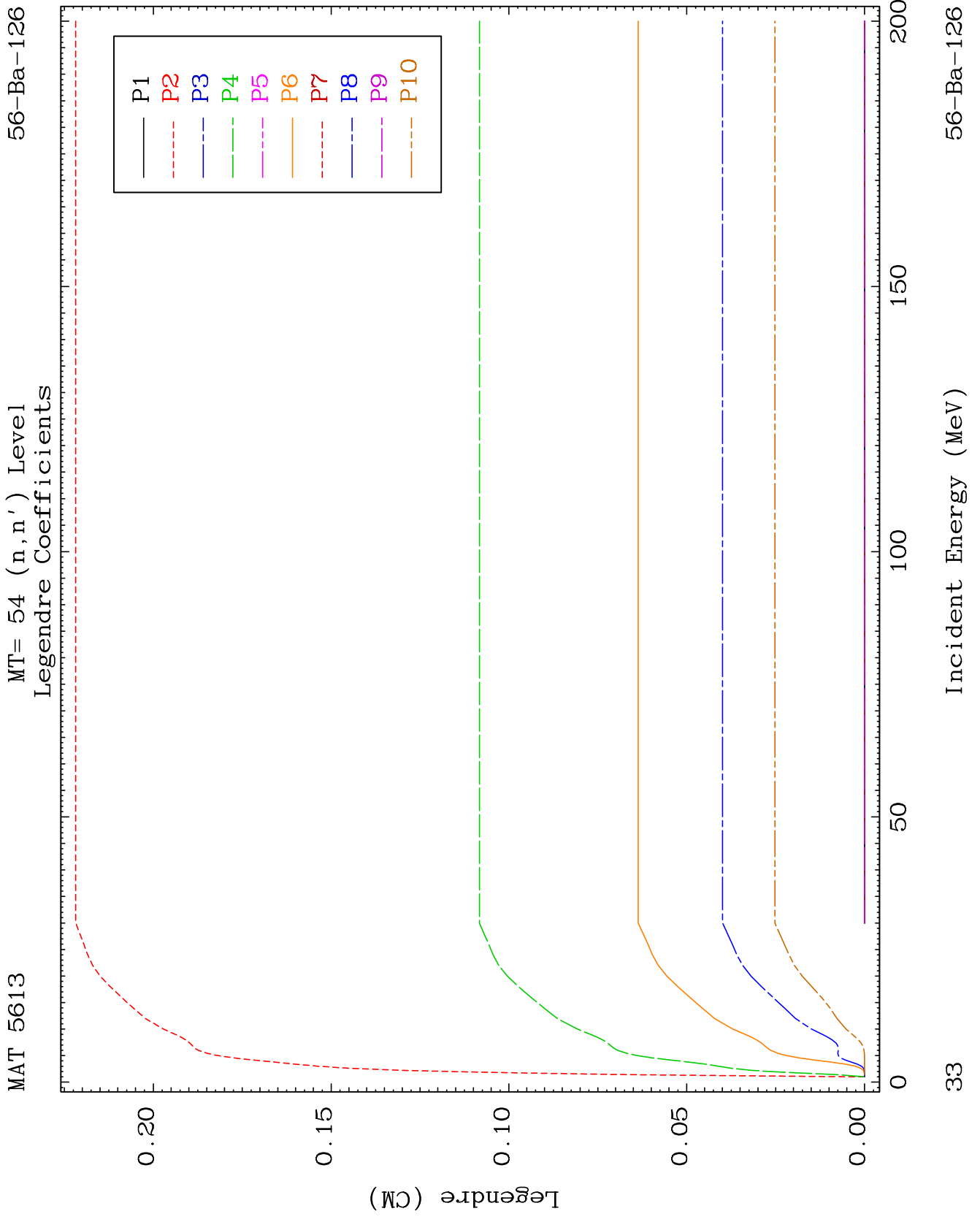
MT= 53 (n,n') Level
Legendre Coefficients

56-Ba-126



32

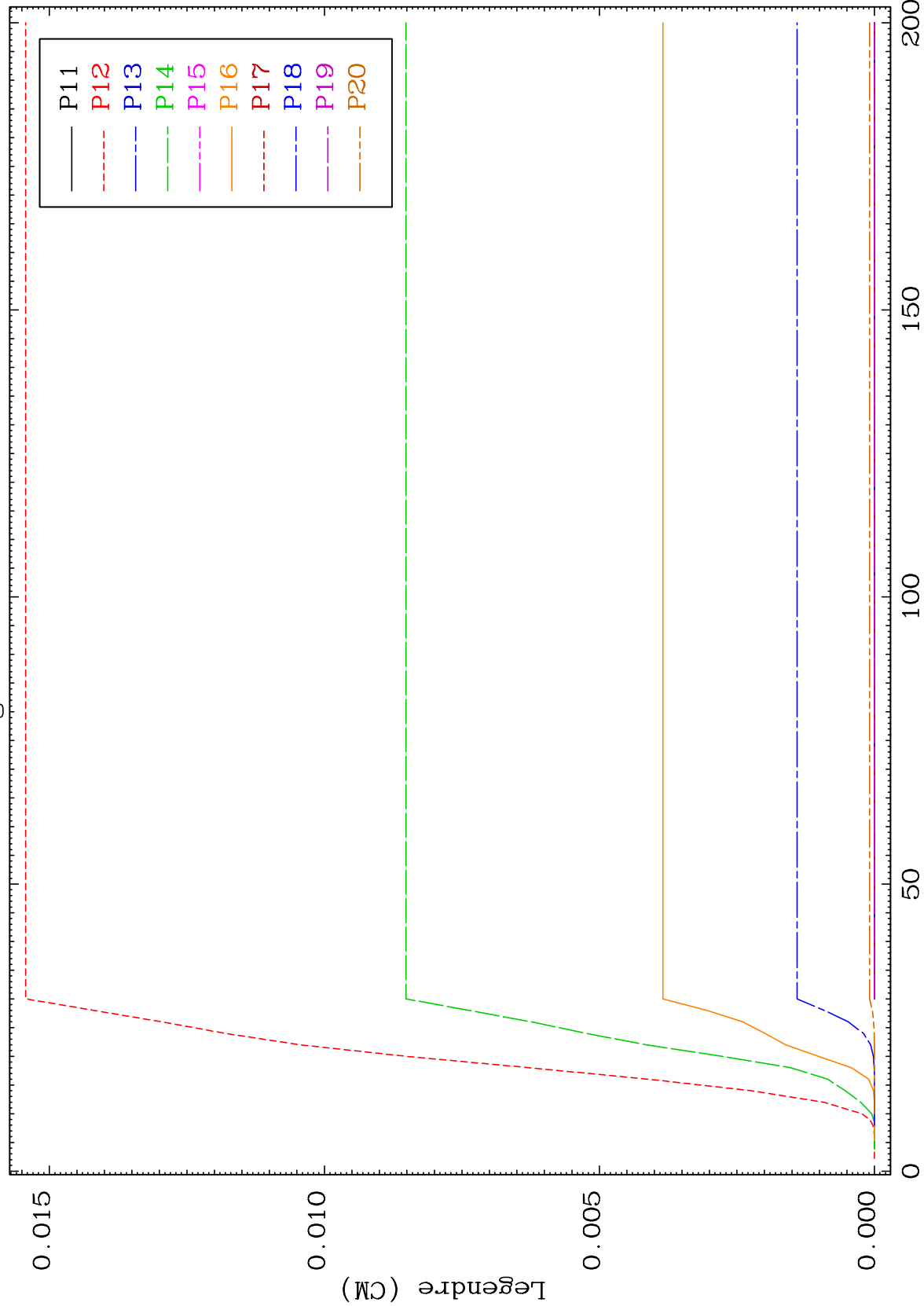
56-Ba-126



MAT 5613

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

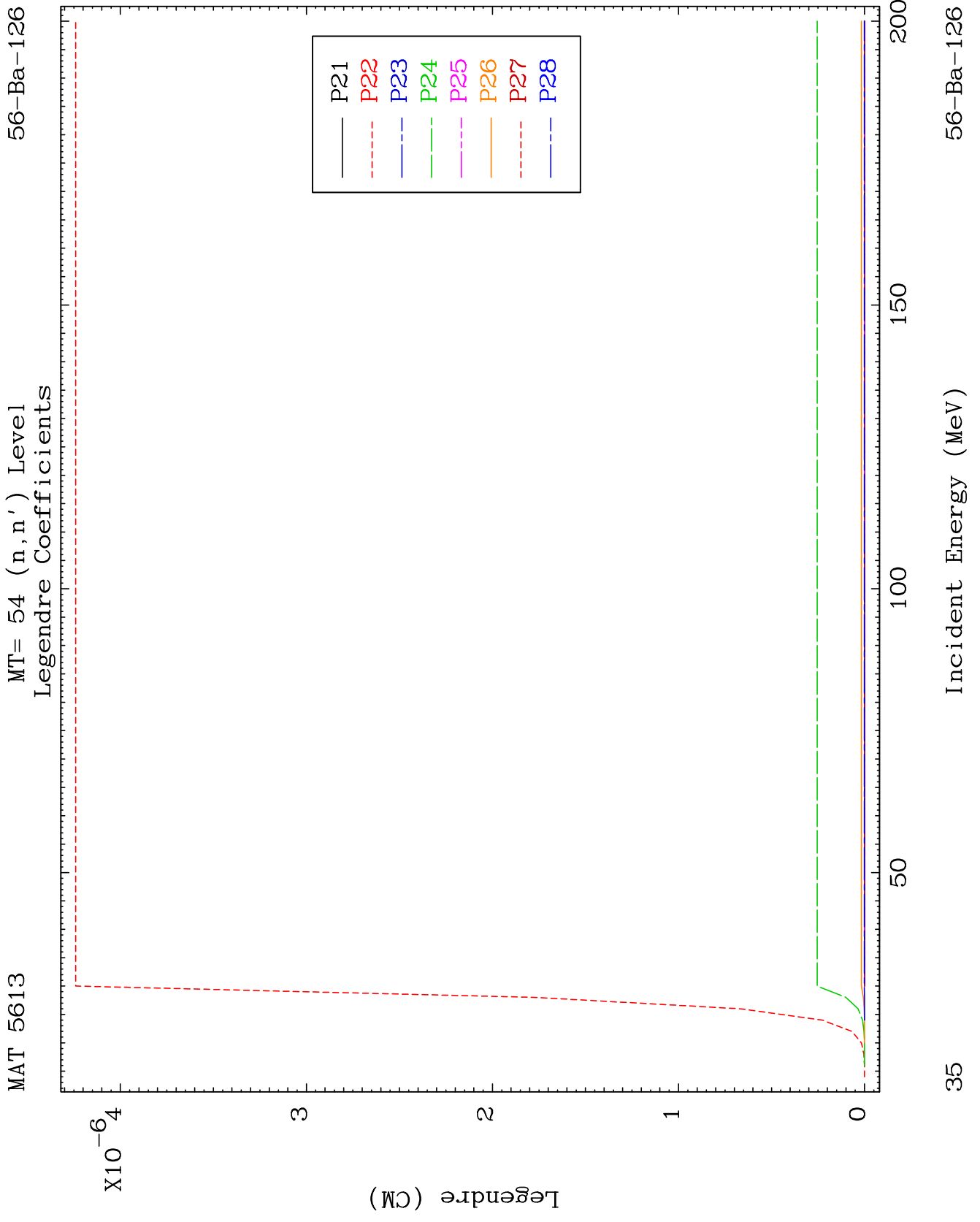
56-Ba-126



56-Ba-126

Incident Energy (MeV)

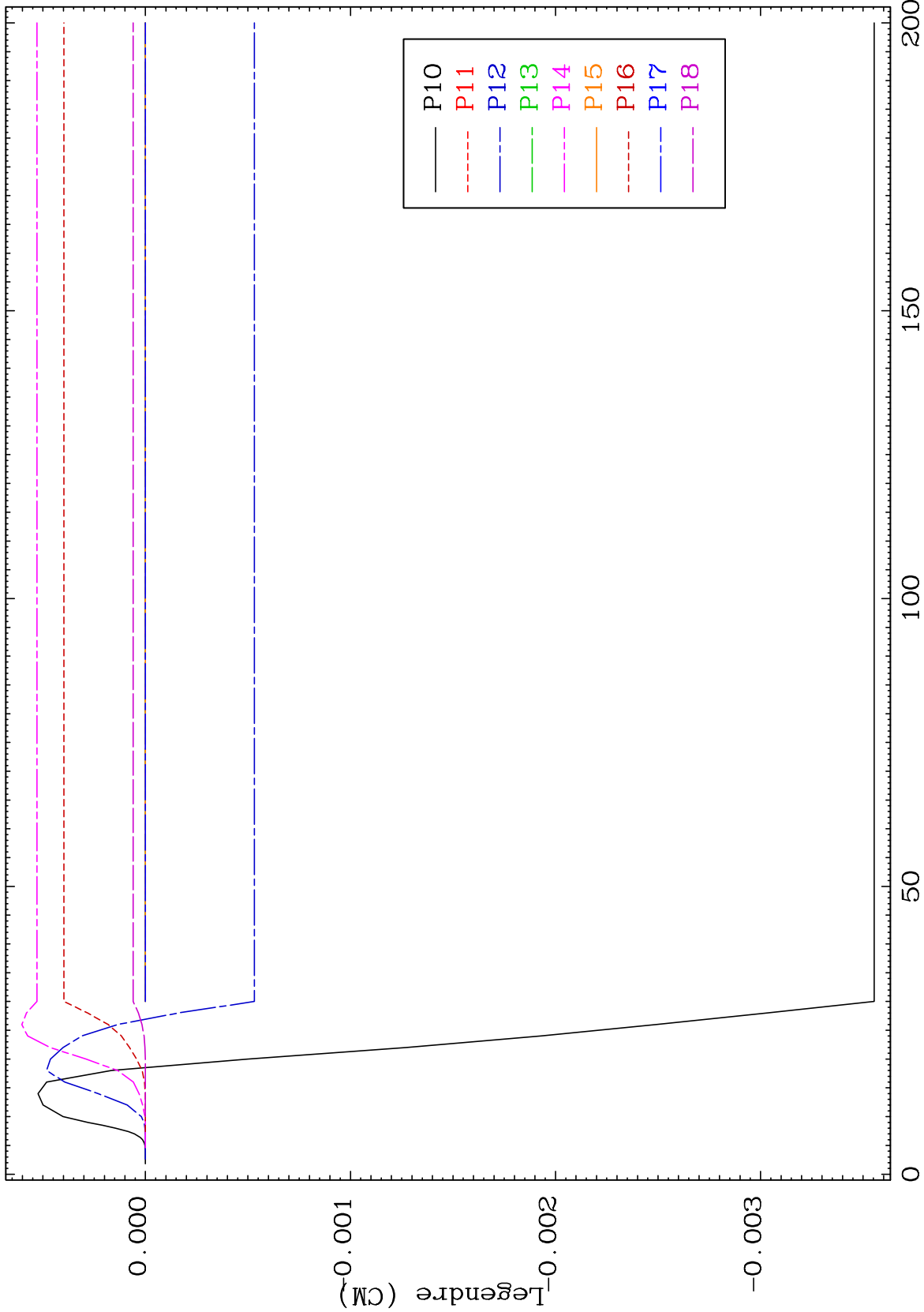
34



MAT 5613

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

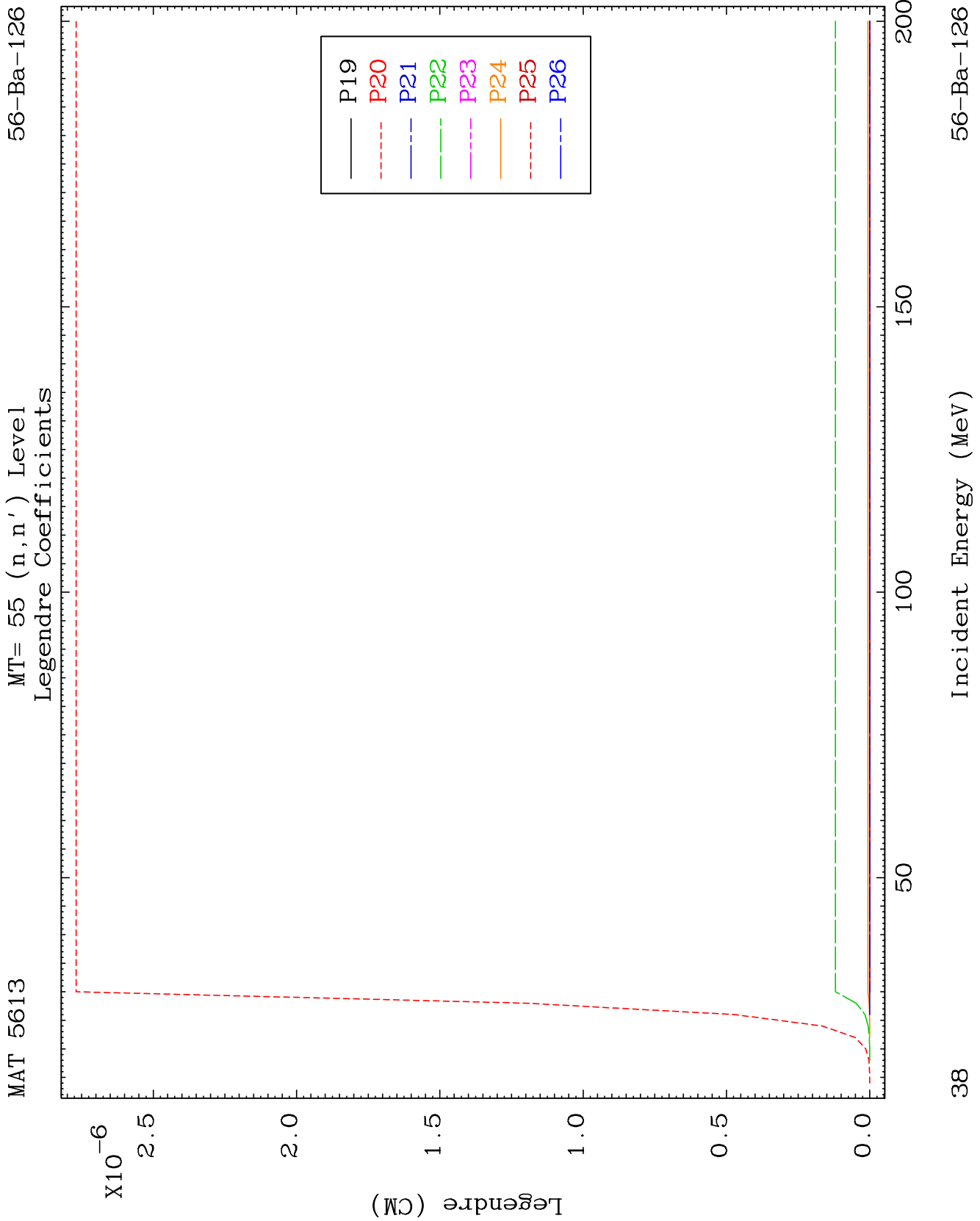
56-Ba-126



37

Incident Energy (MeV)

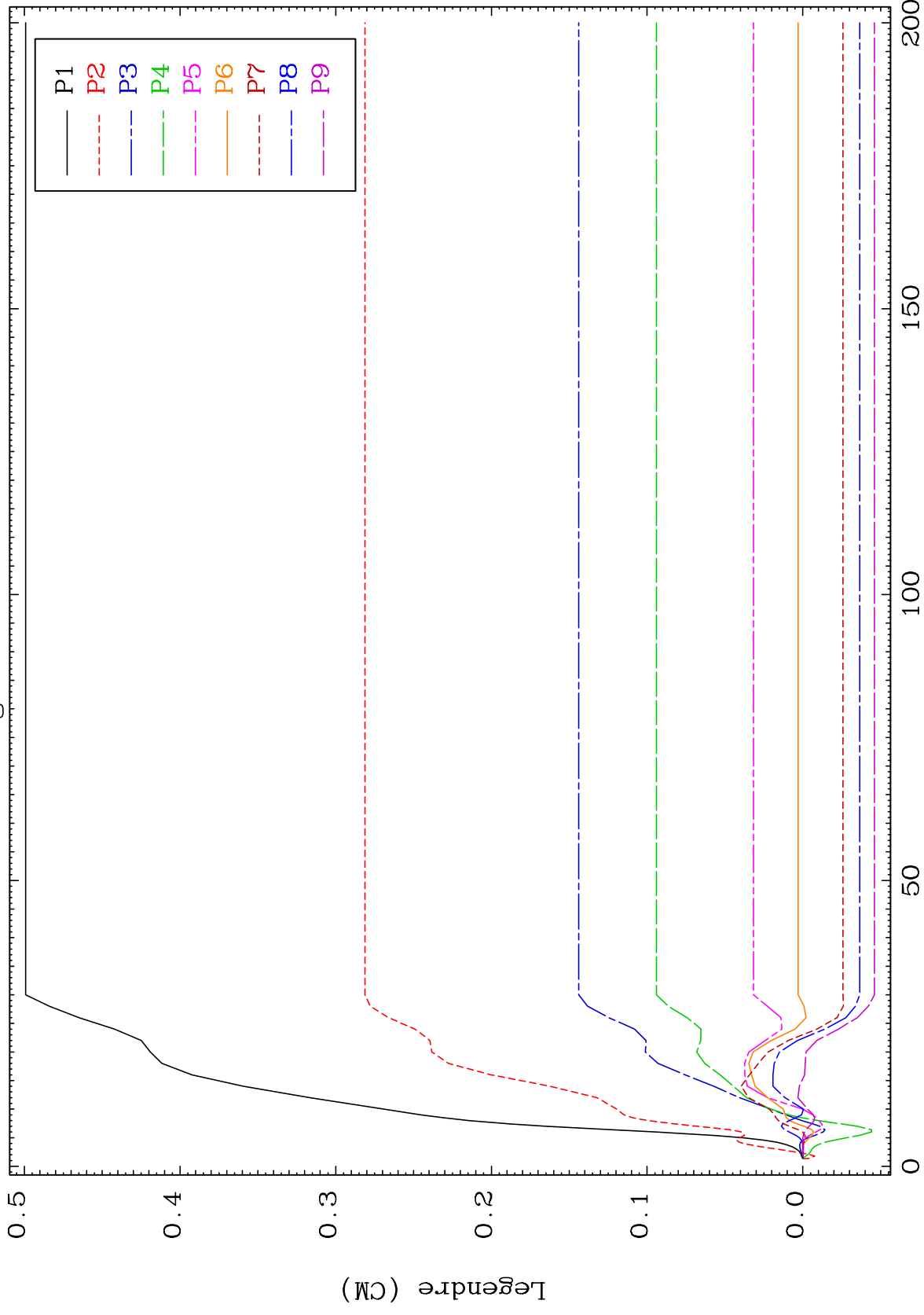
56-Ba-126



MAT 5613

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

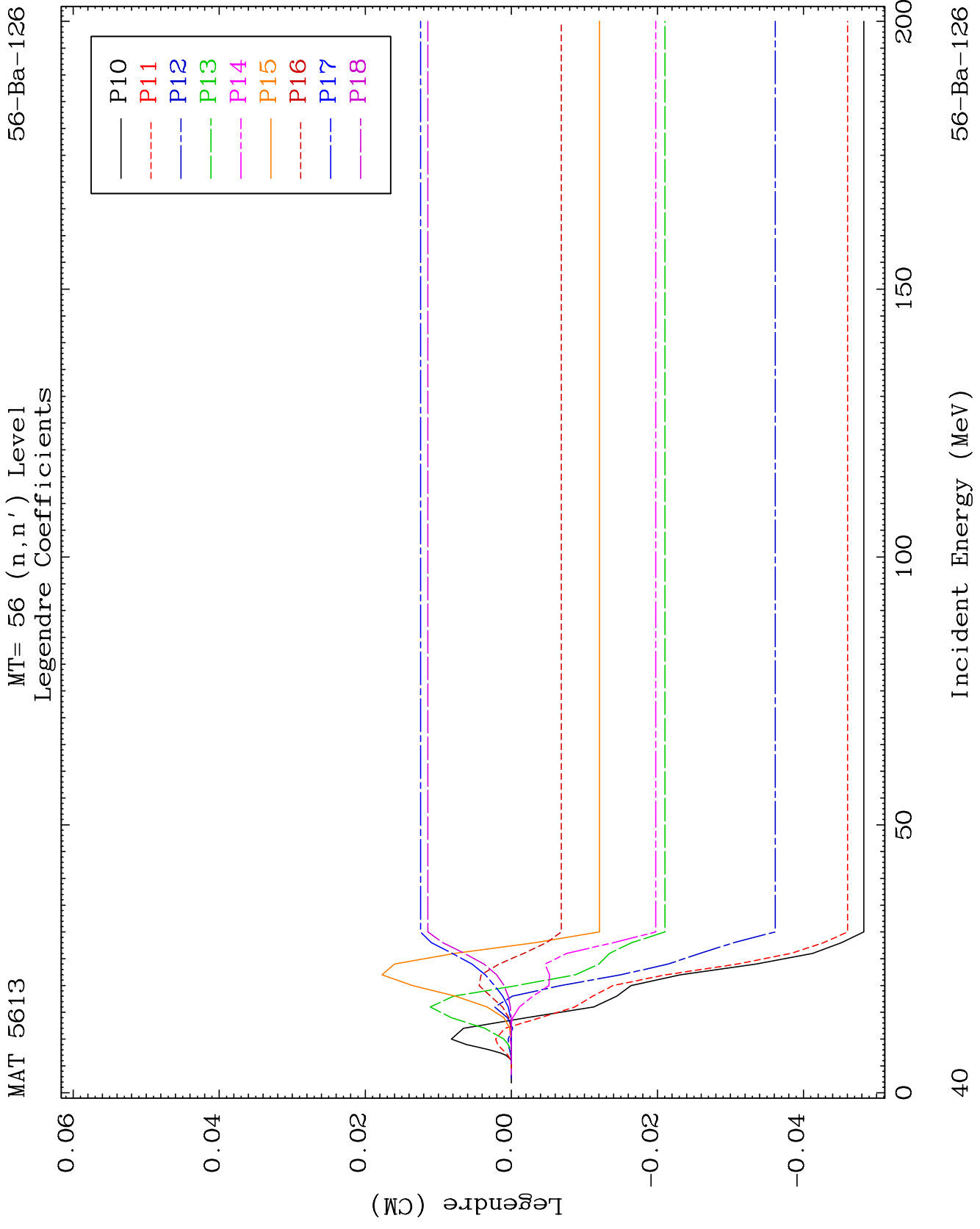
56-Ba-126



39

Incident Energy (MeV)

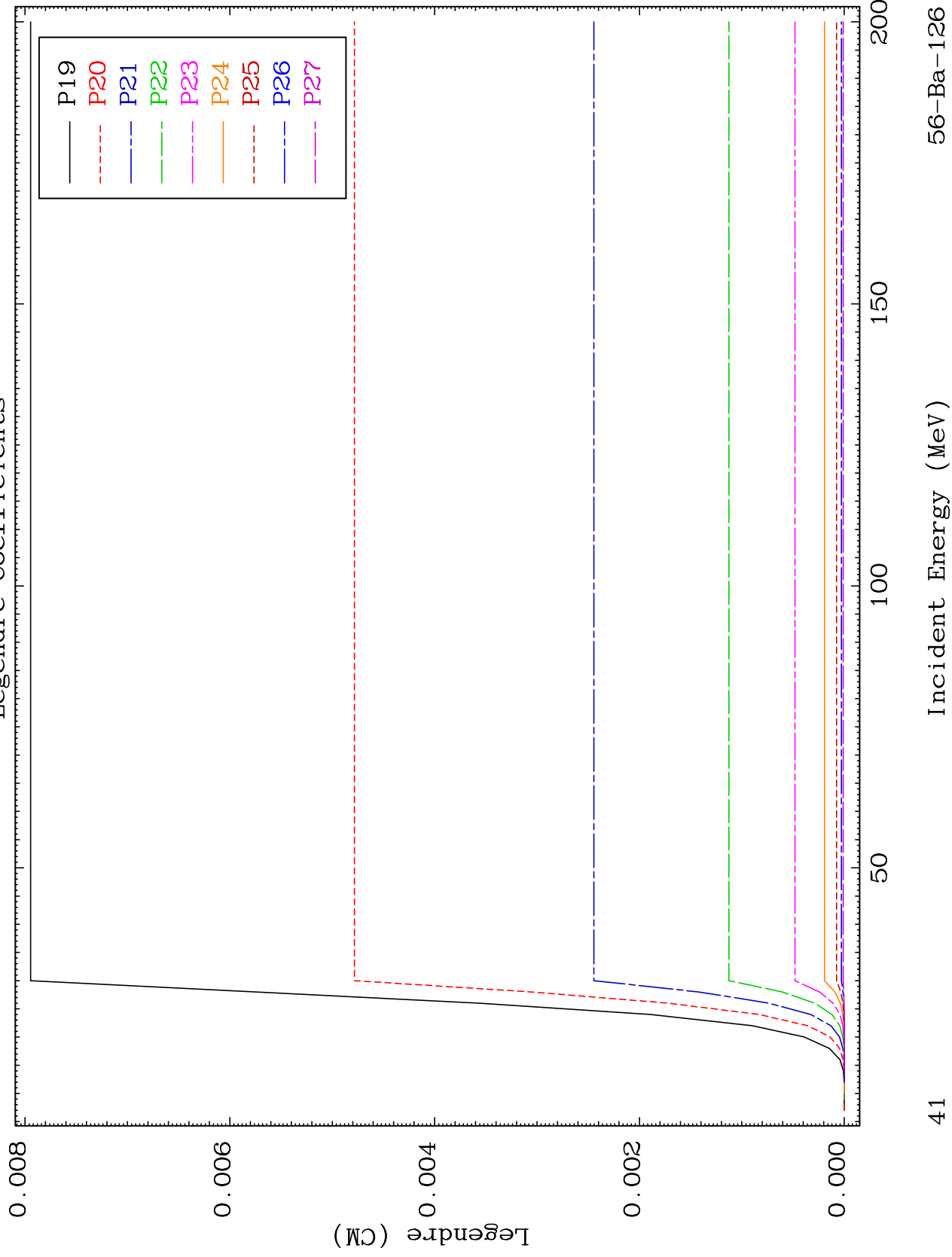
56-Ba-126



MAT 5613

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

56-Ba-126



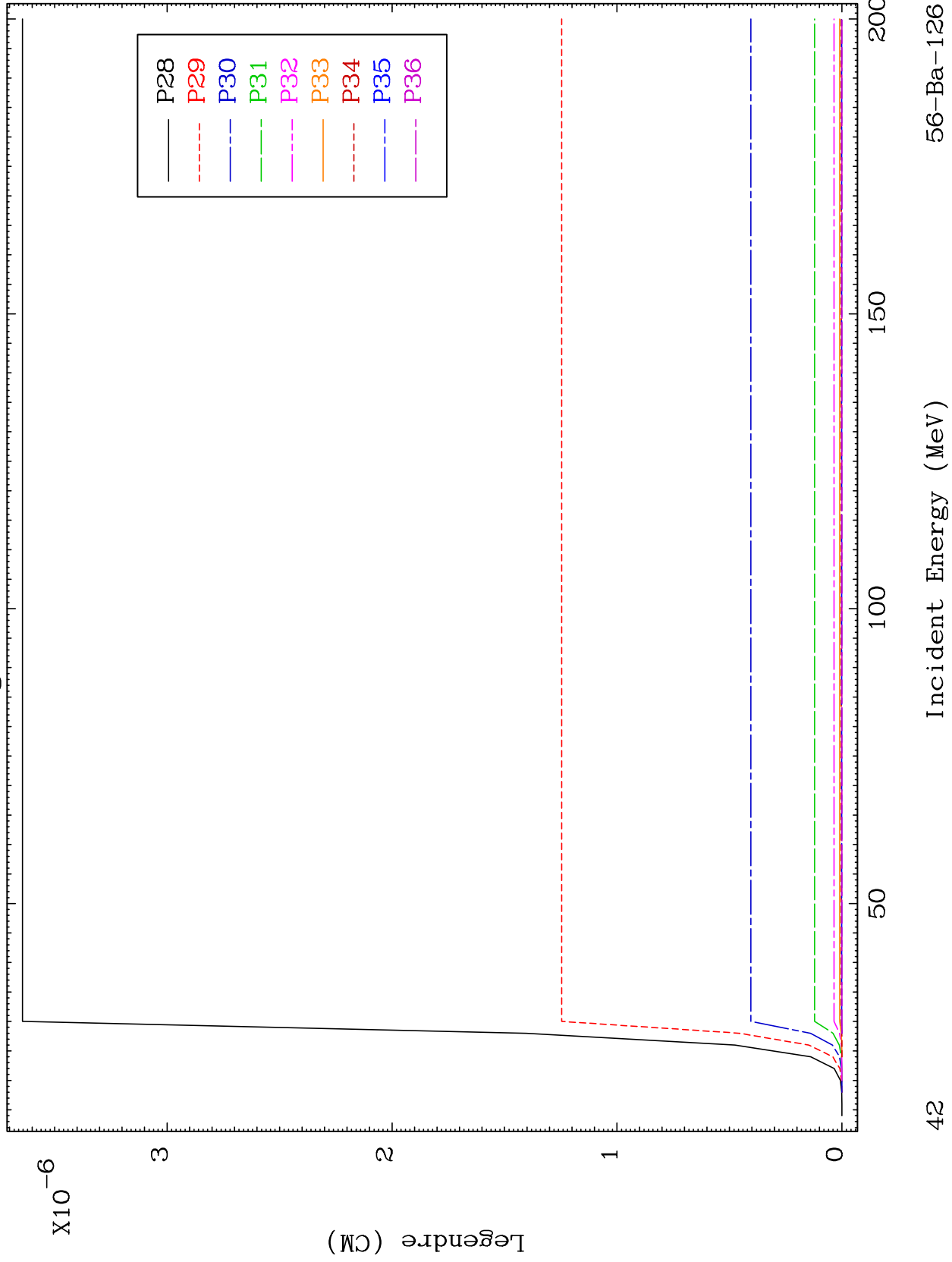
41

56-Ba-126

MAT 5613

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

56-Ba-126

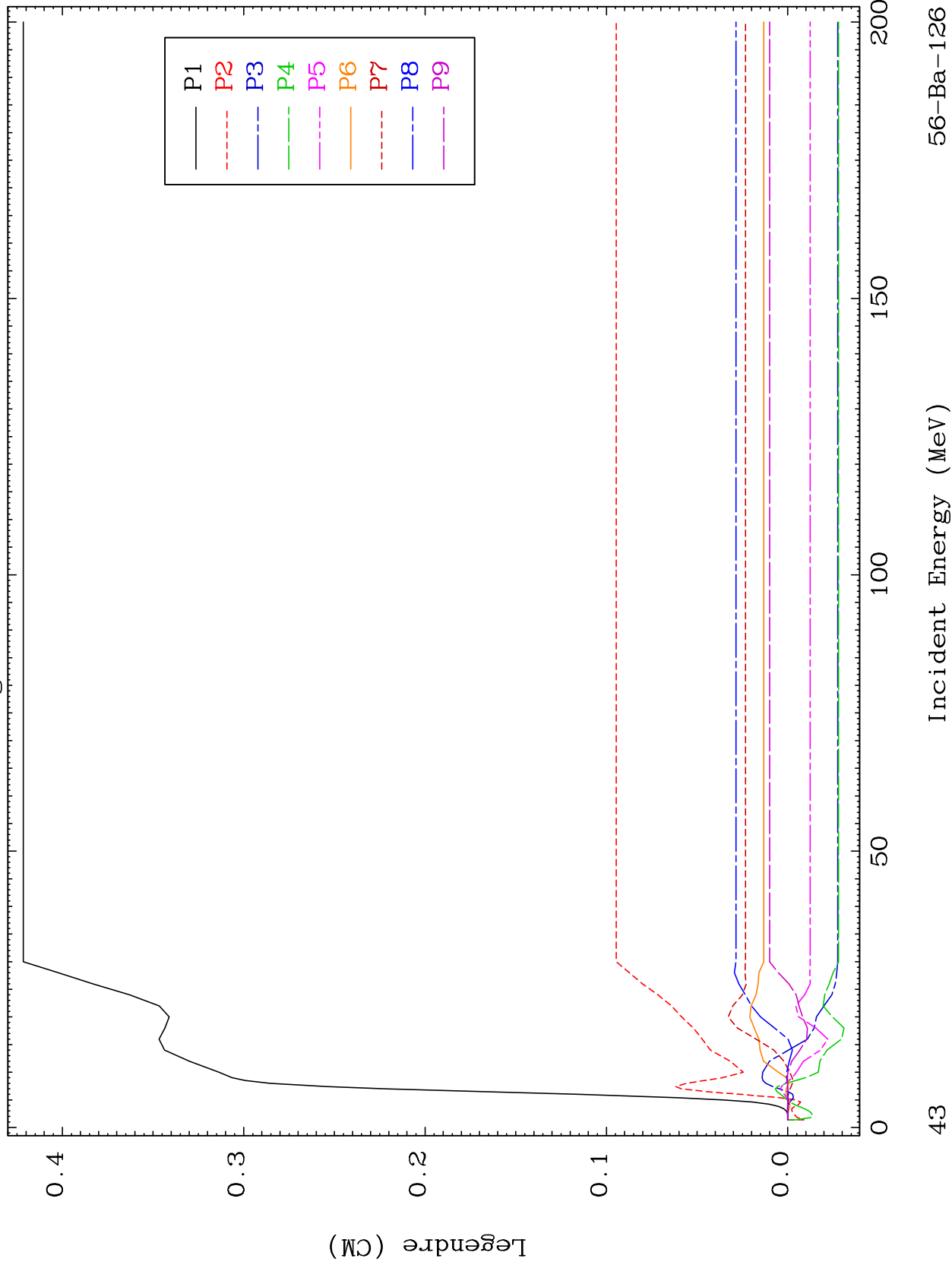


42

MAT 5613

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

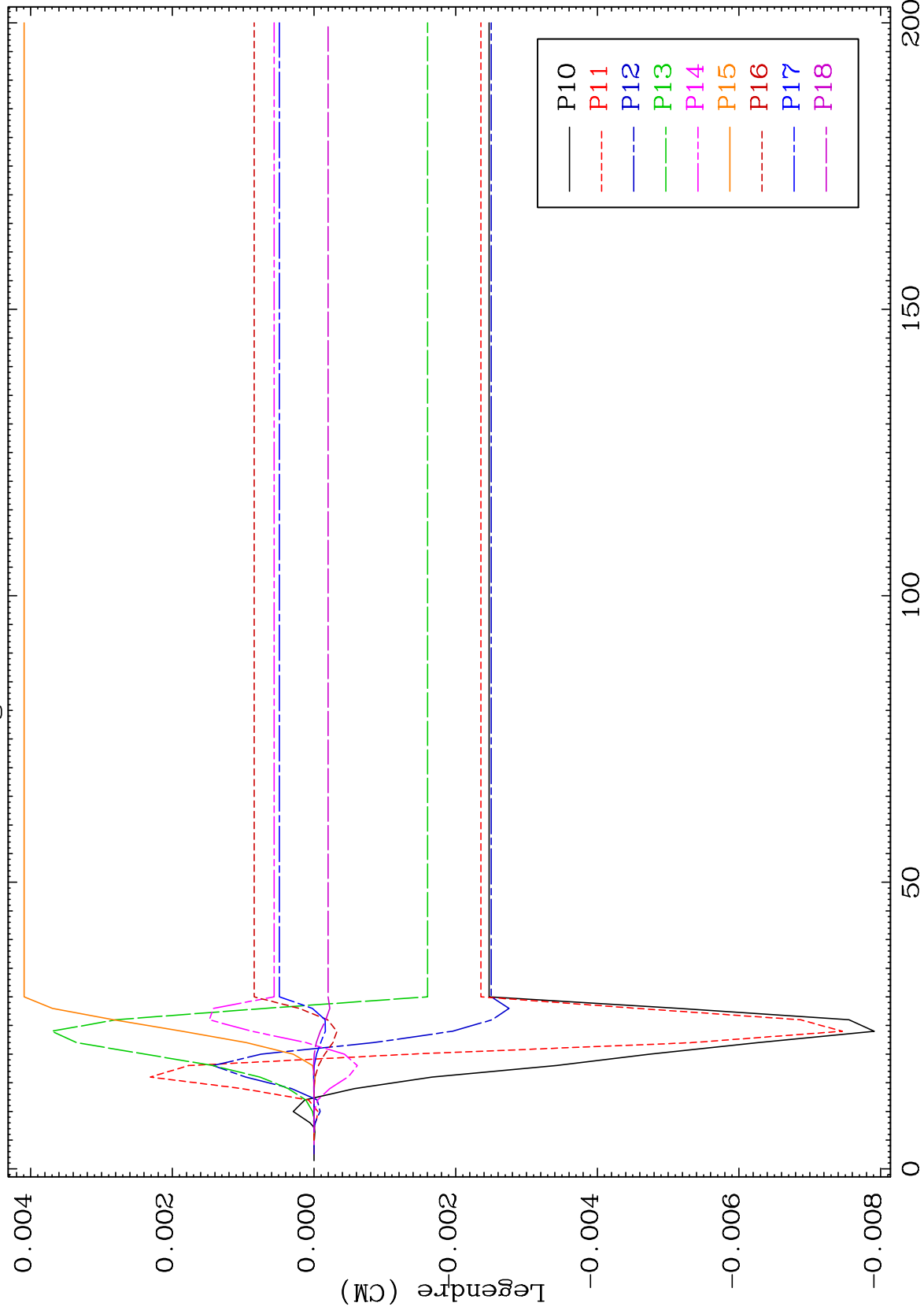
56-Ba-126



MAT 5613

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

56-Ba-126



44

Incident Energy (MeV)

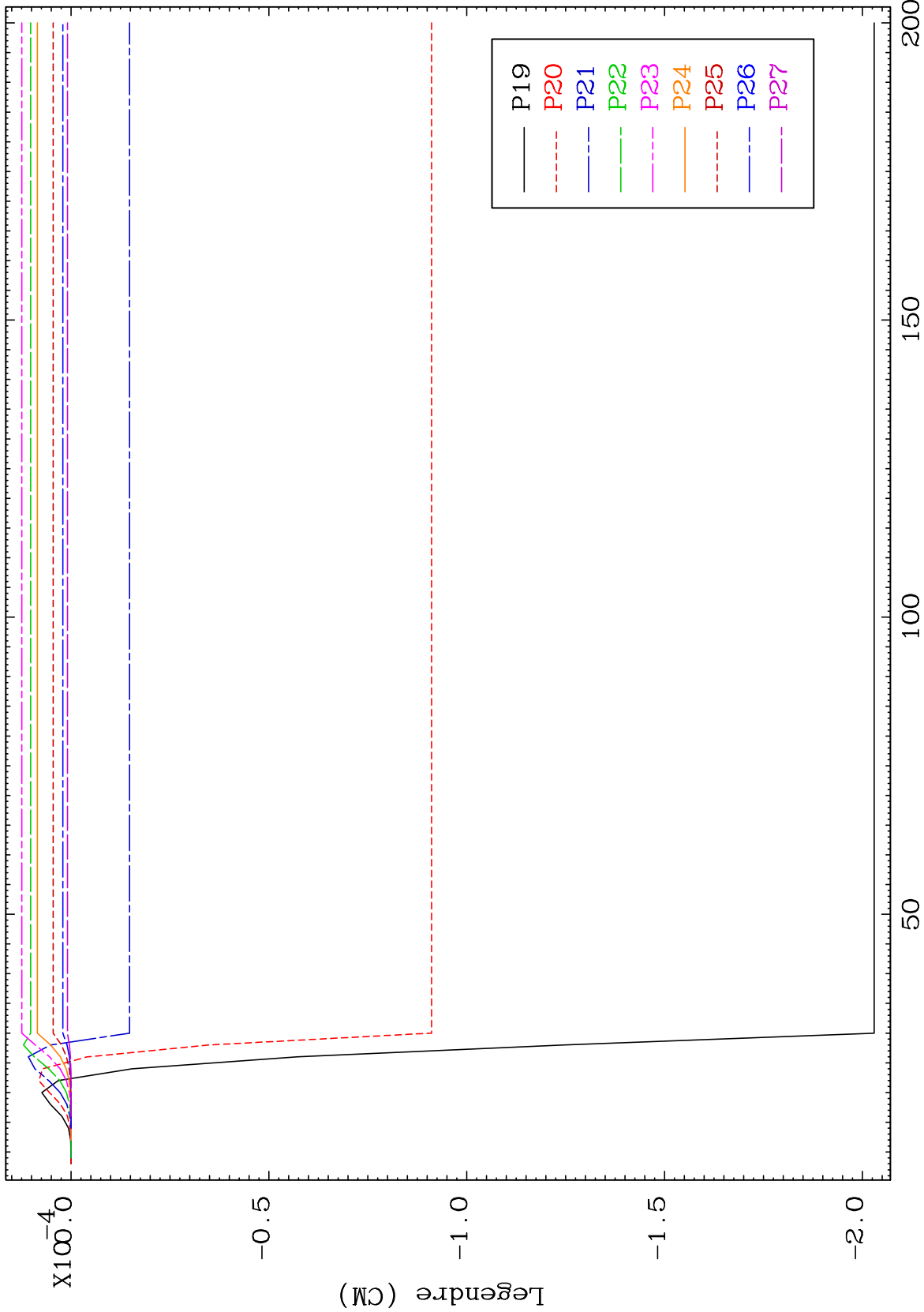
56-Ba-126

MAT 5613

MT= 57 (n,n') Level

56-Ba-126

Legendre Coefficients



45

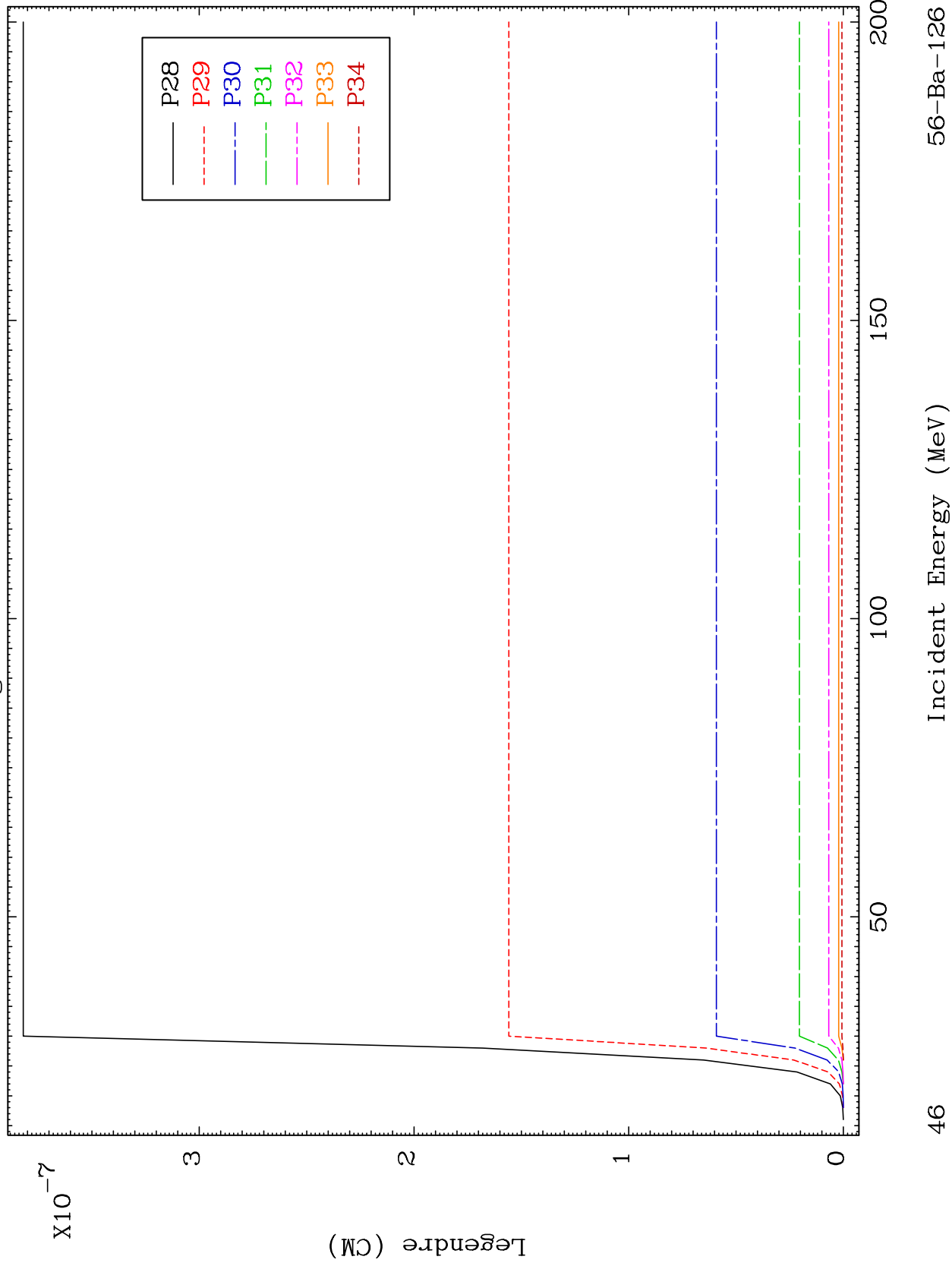
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



46

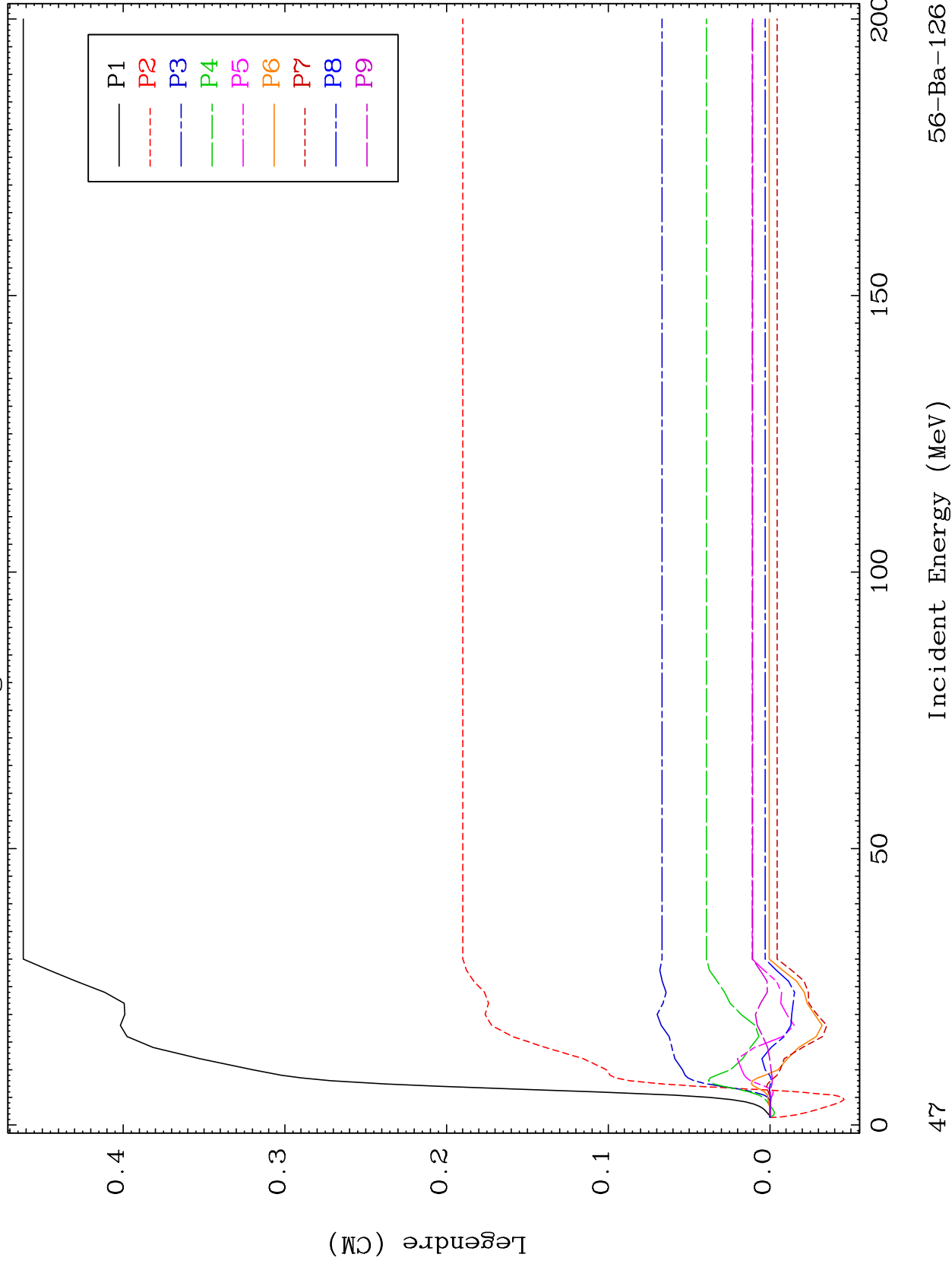
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



56-Ba-126

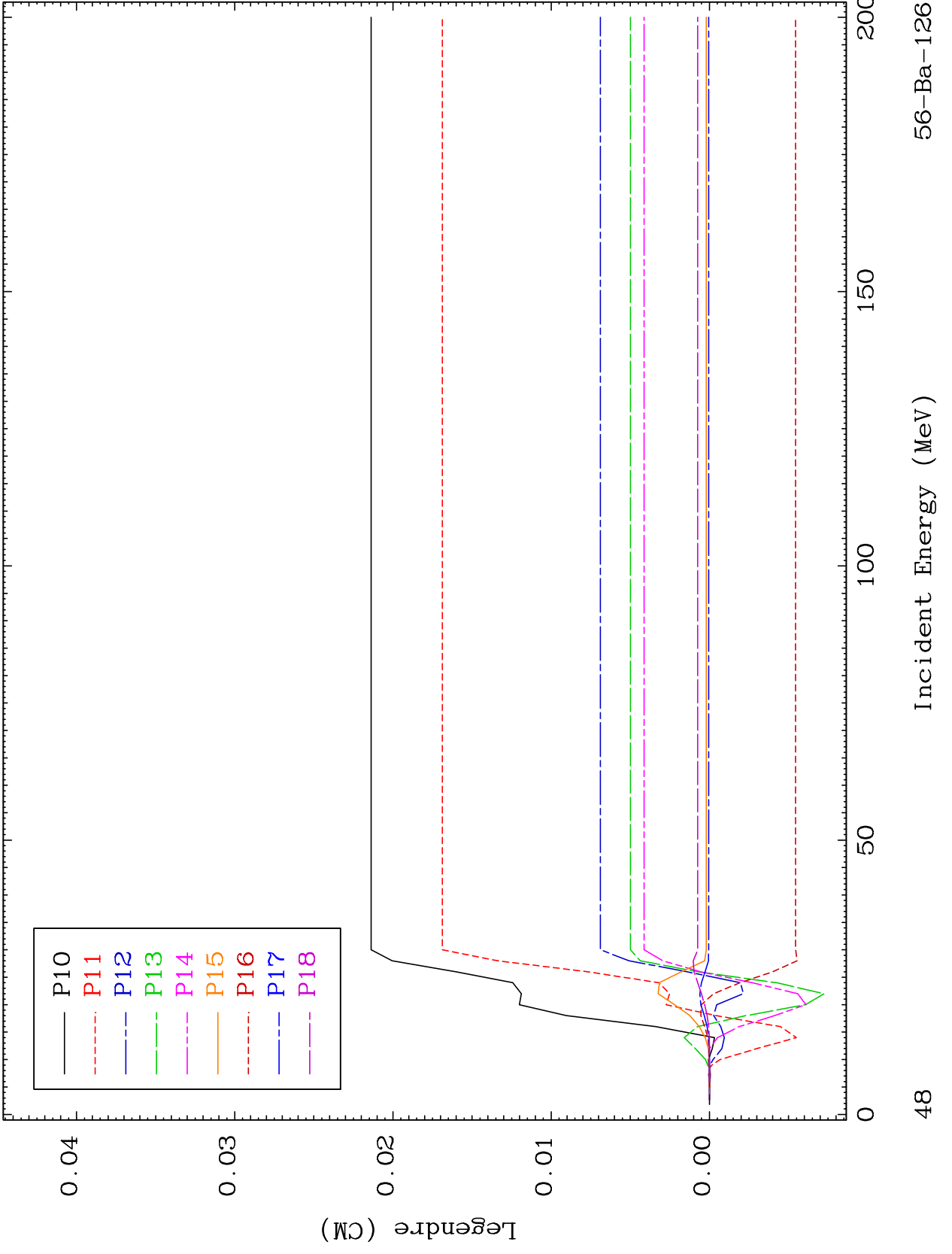
Incident Energy (MeV)

47

MAT 5613

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

56-Ba-126



56-Ba-126

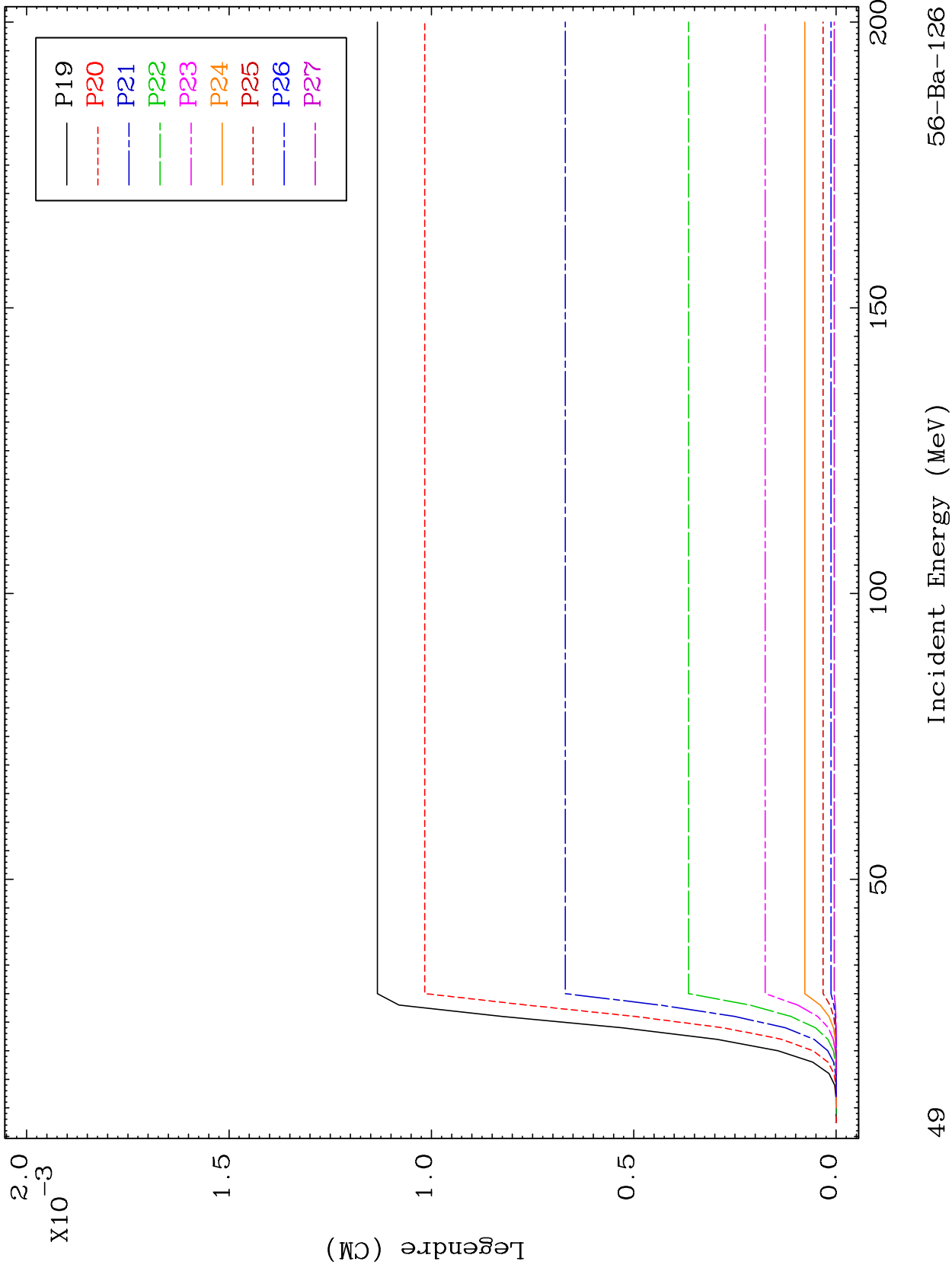
Incident Energy (MeV)

48

MAT 5613

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

56-Ba-126



49

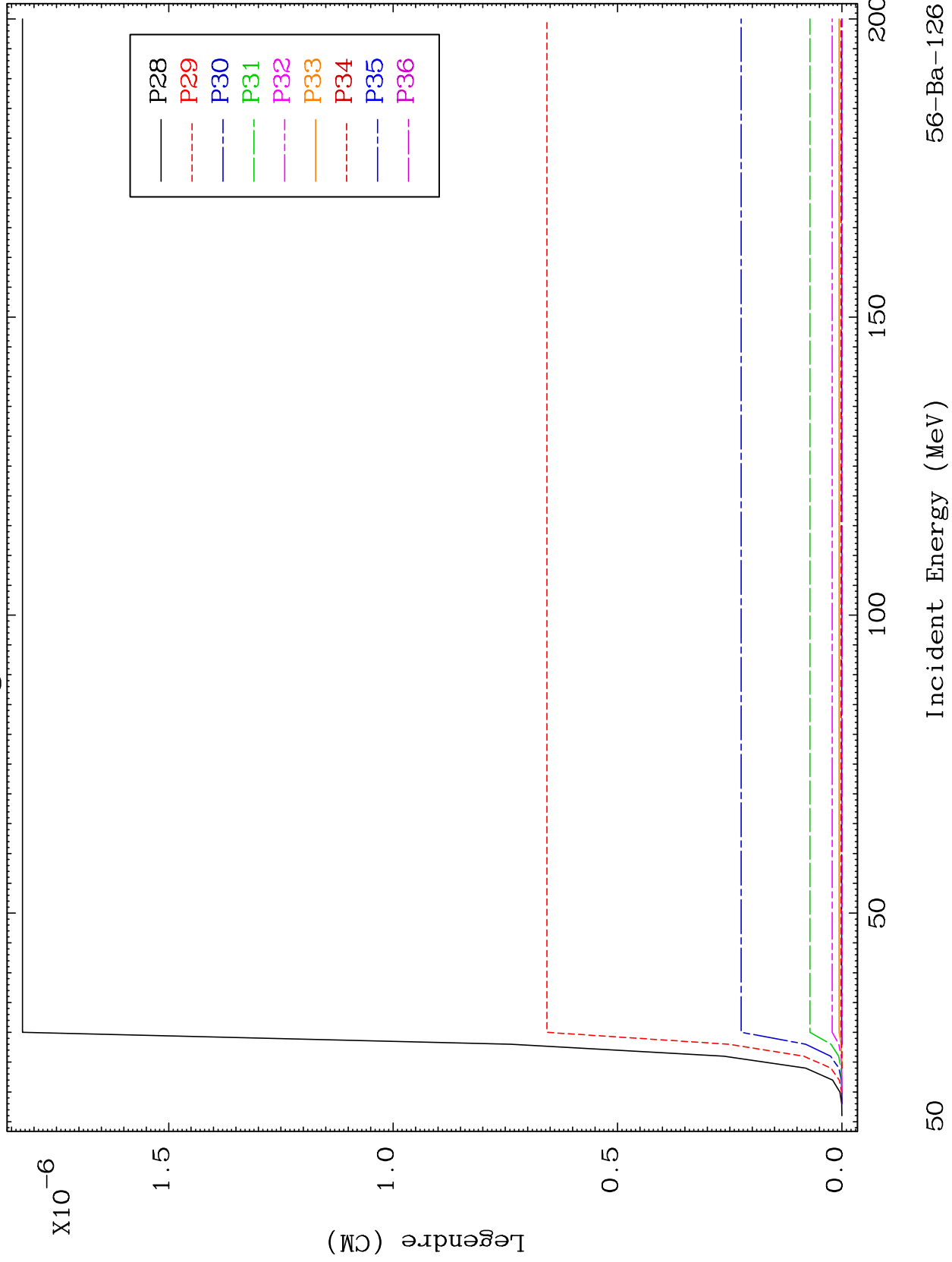
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



56-Ba-126

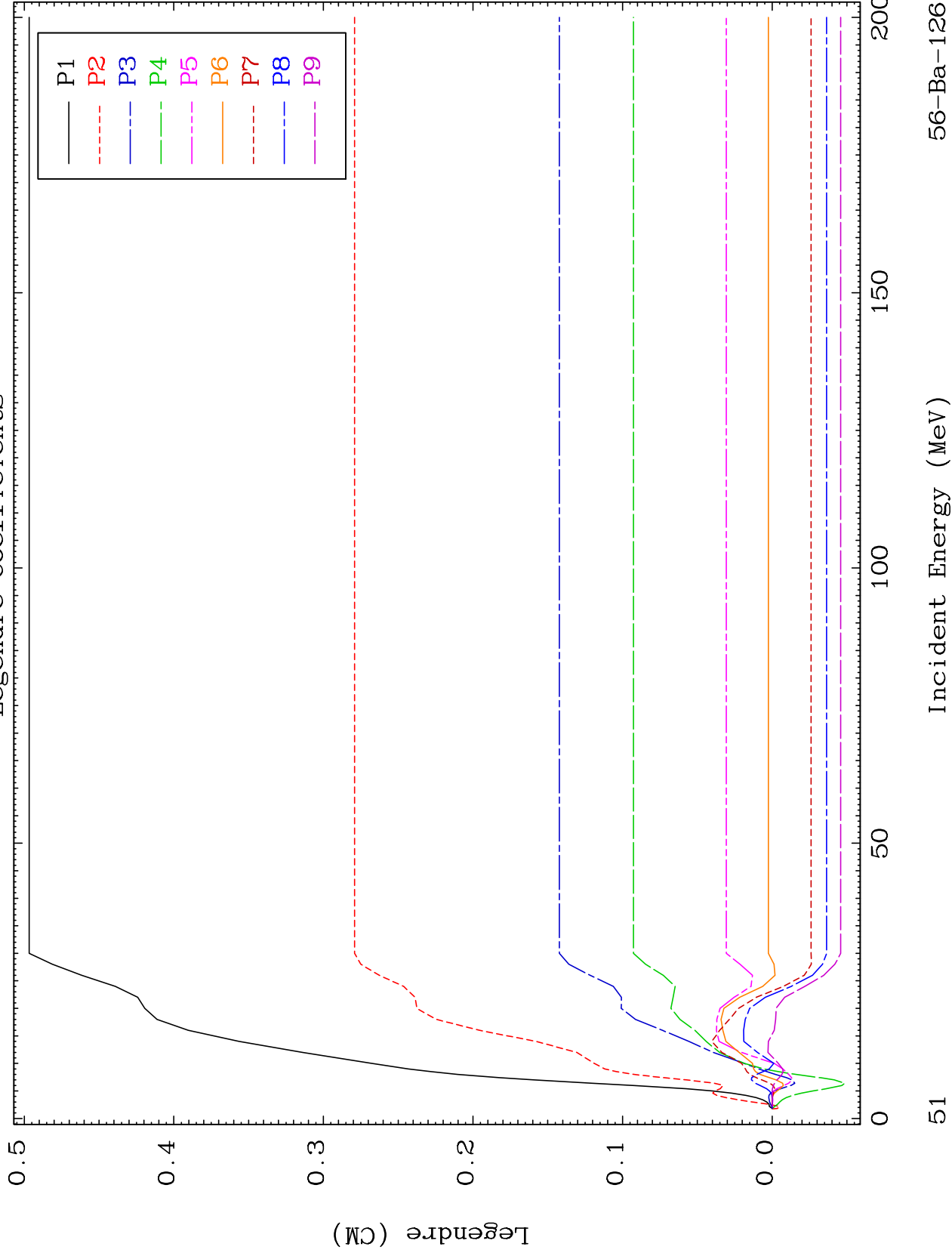
Incident Energy (MeV)

50

MAT 5613

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

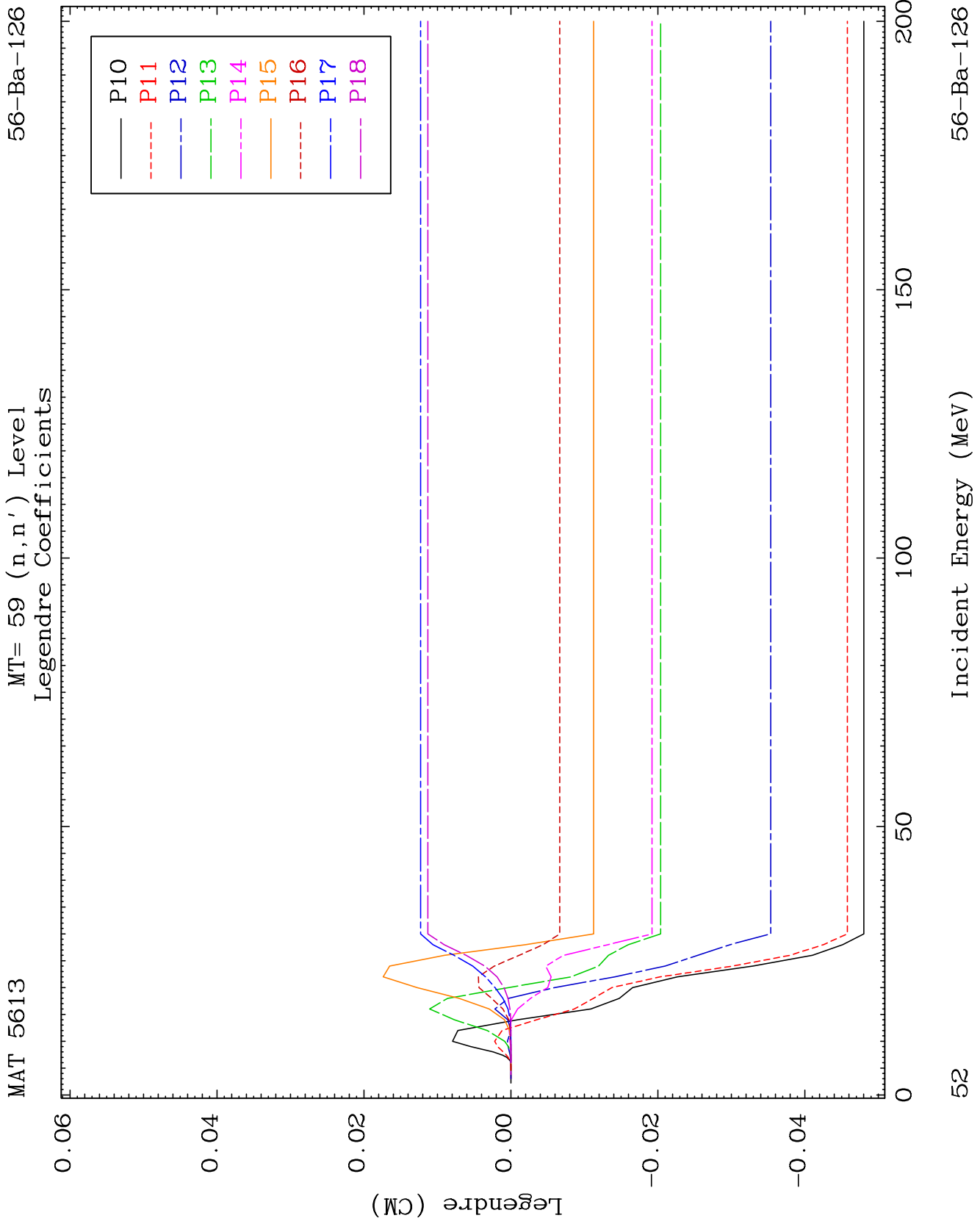
56-Ba-126



56-Ba-126

Incident Energy (MeV)

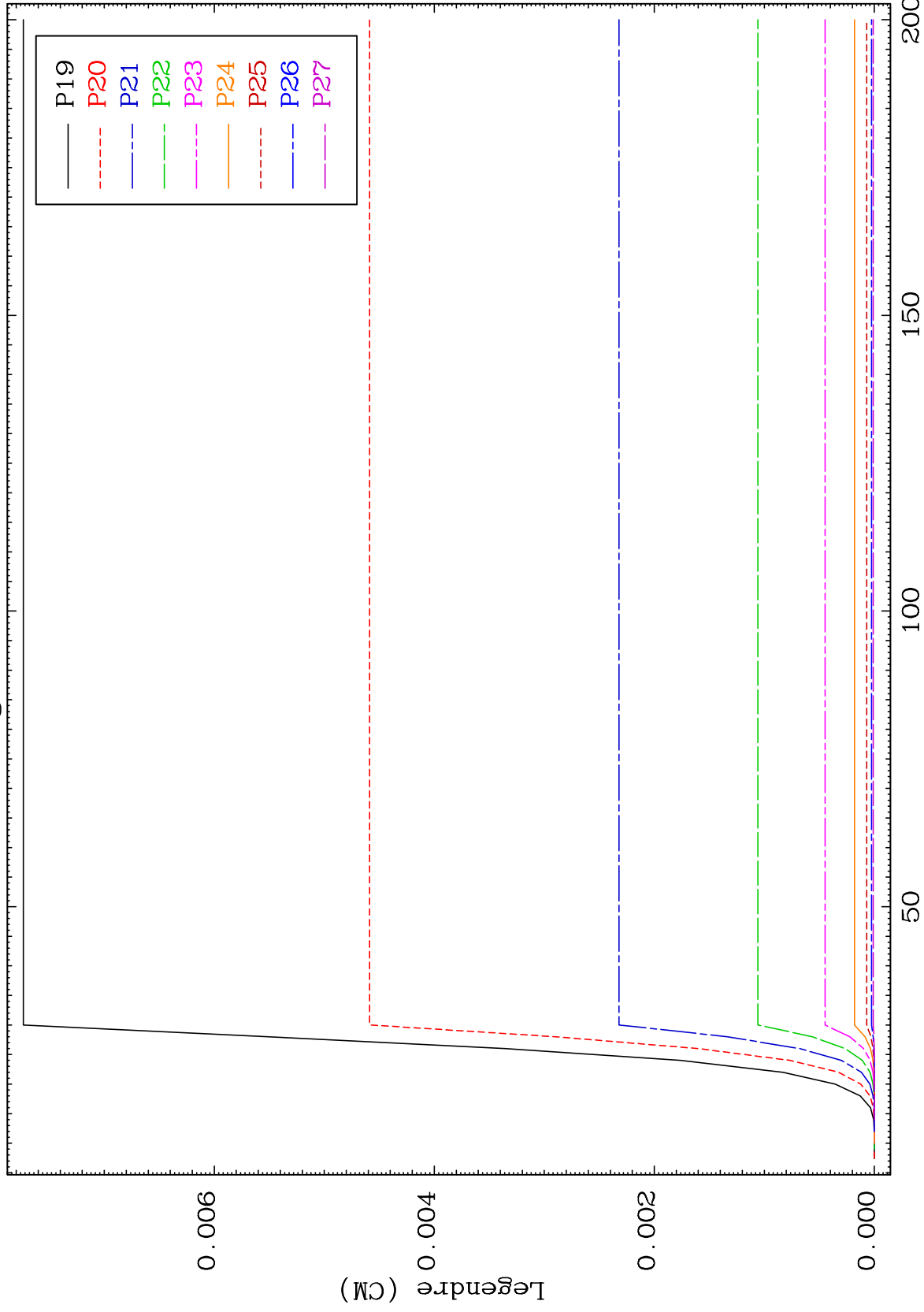
51



MAT 5613

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

56-Ba-126



53

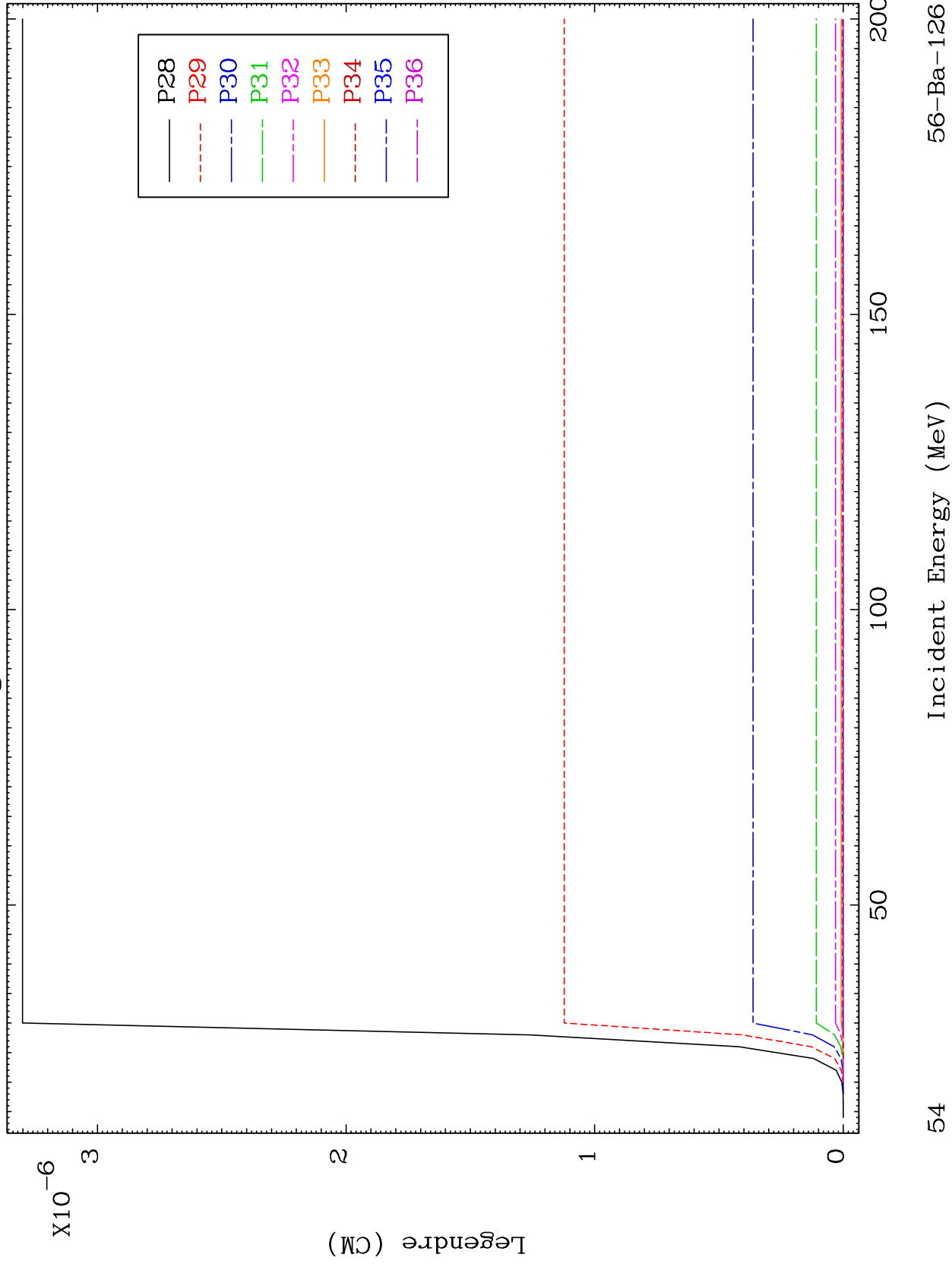
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

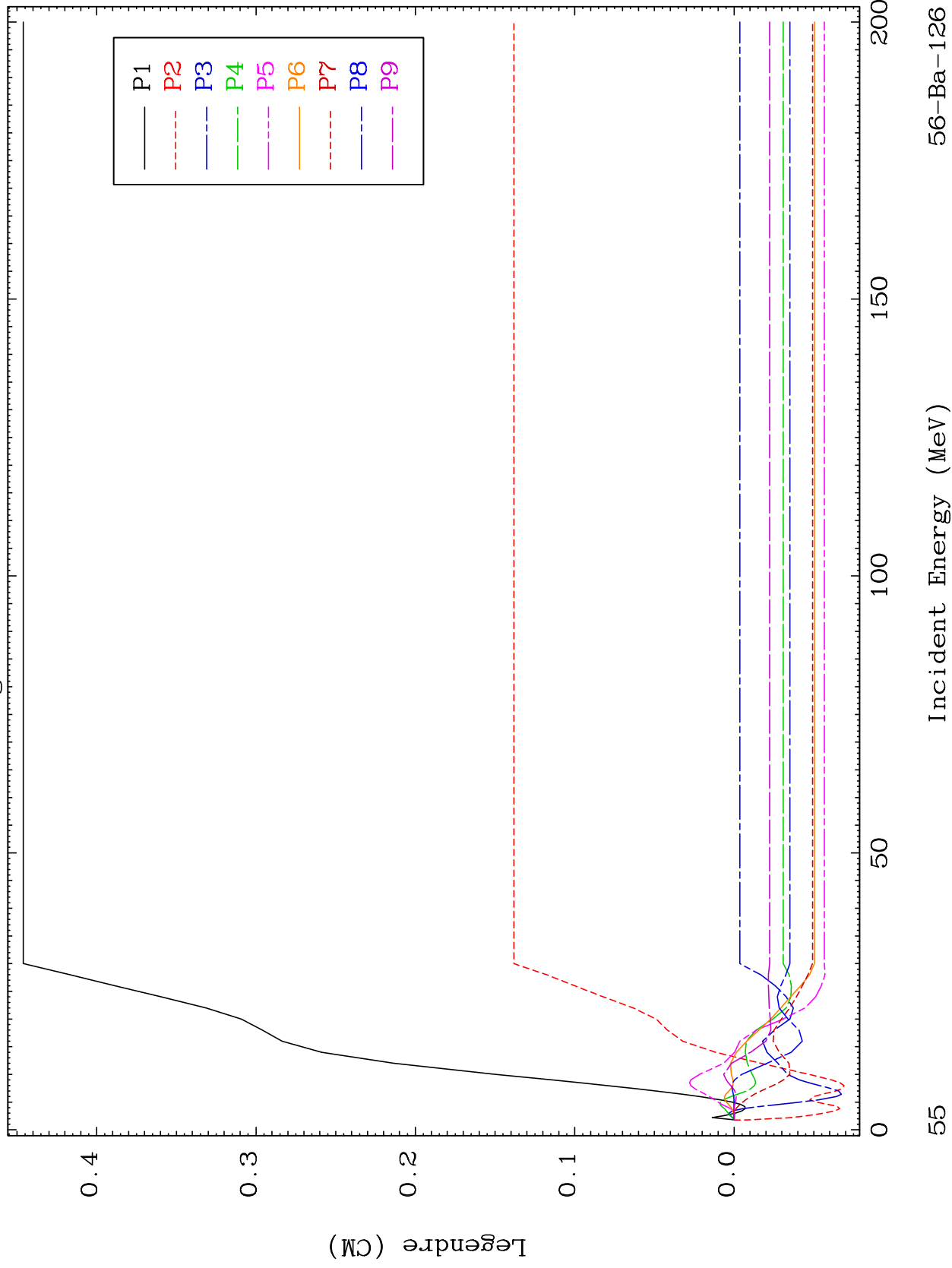
56-Ba-126



MAT 5613

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

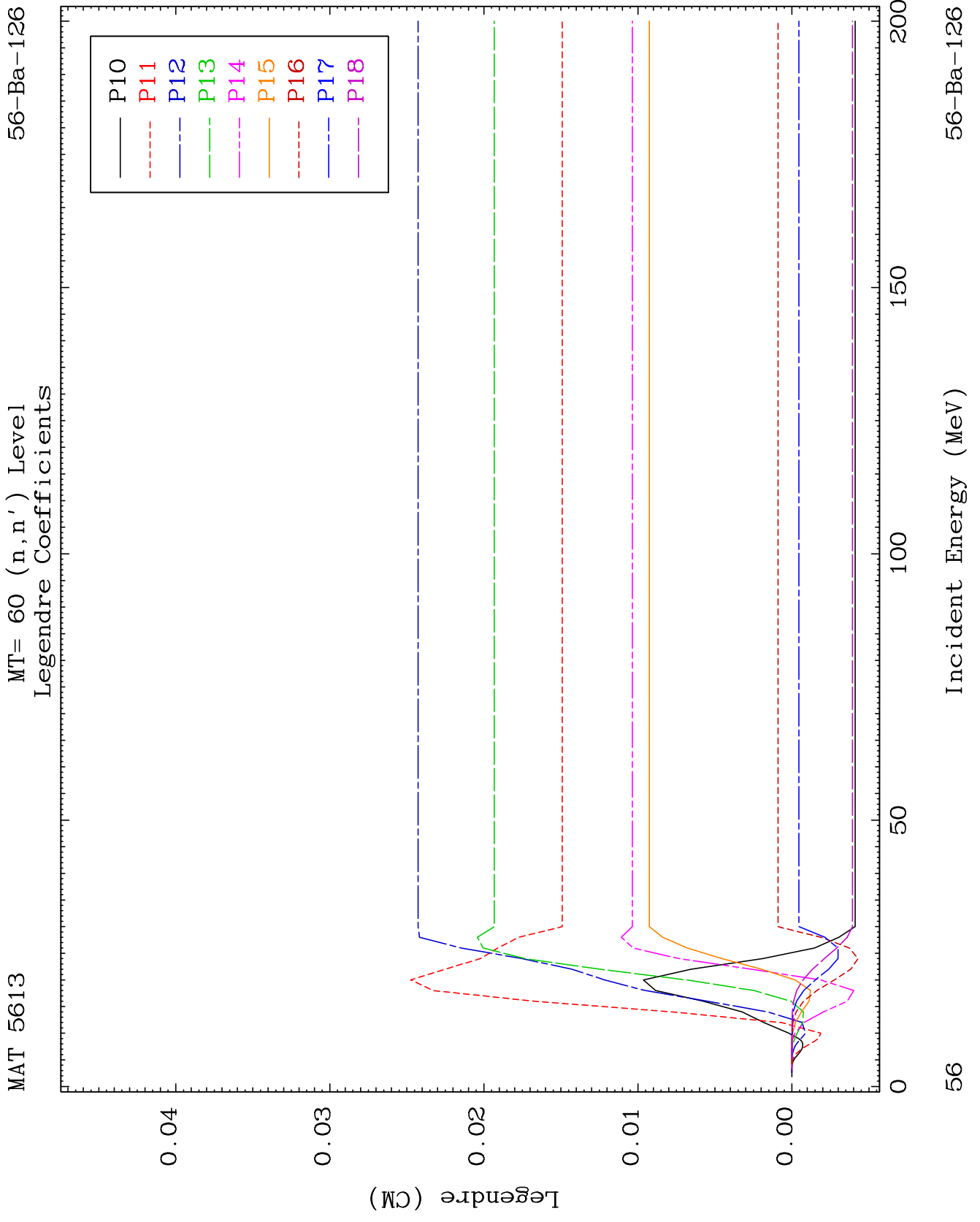
56-Ba-126

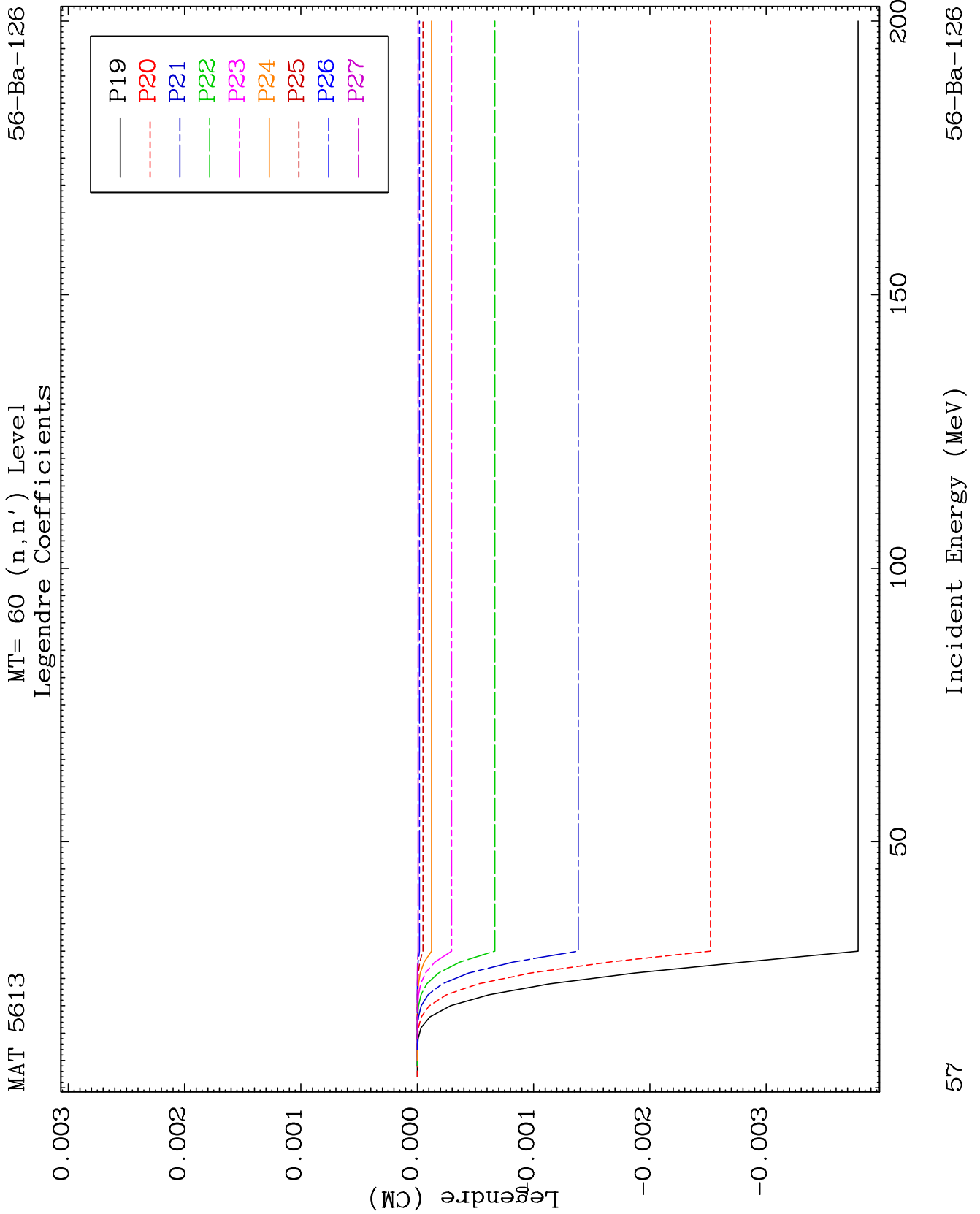


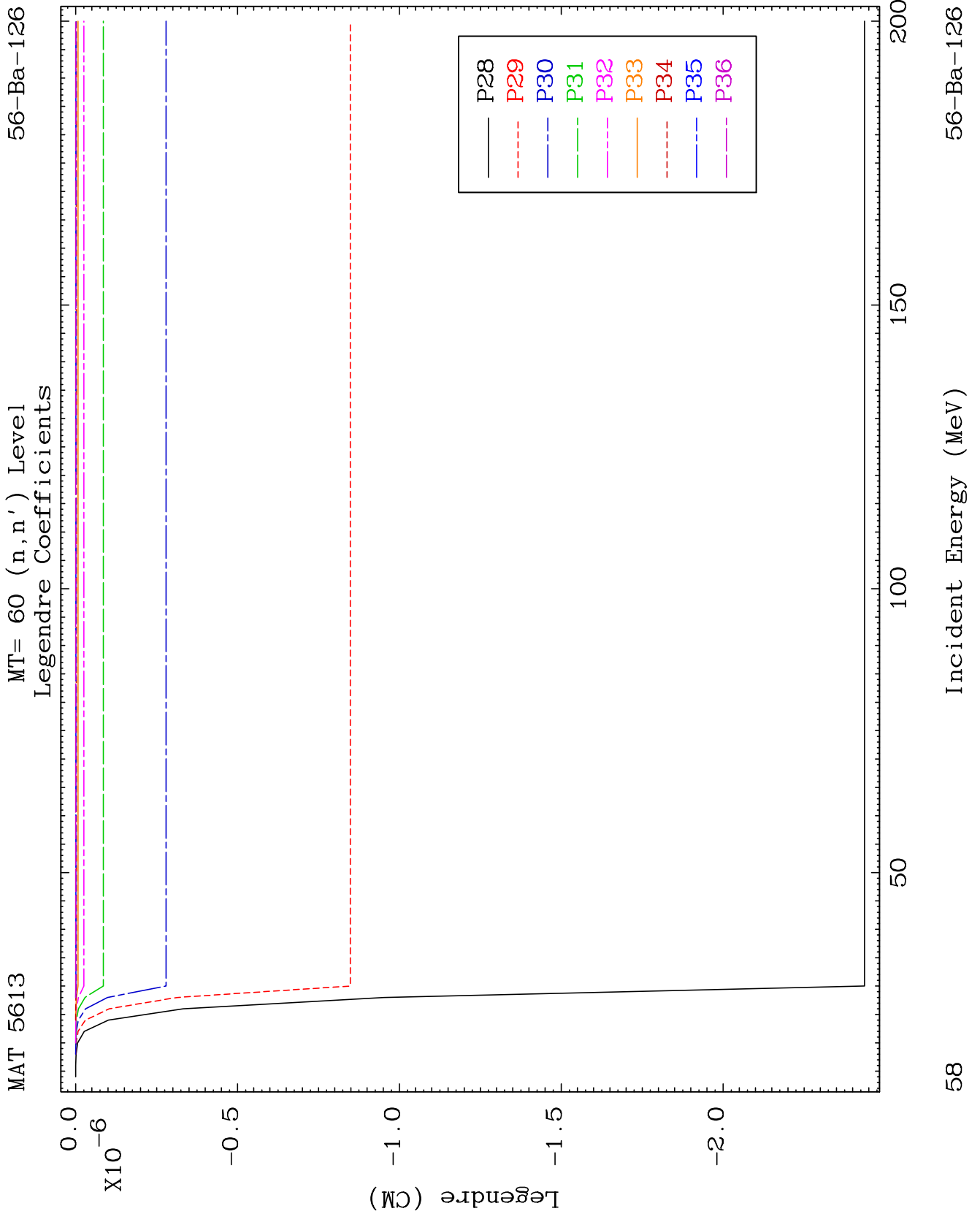
56-Ba-126

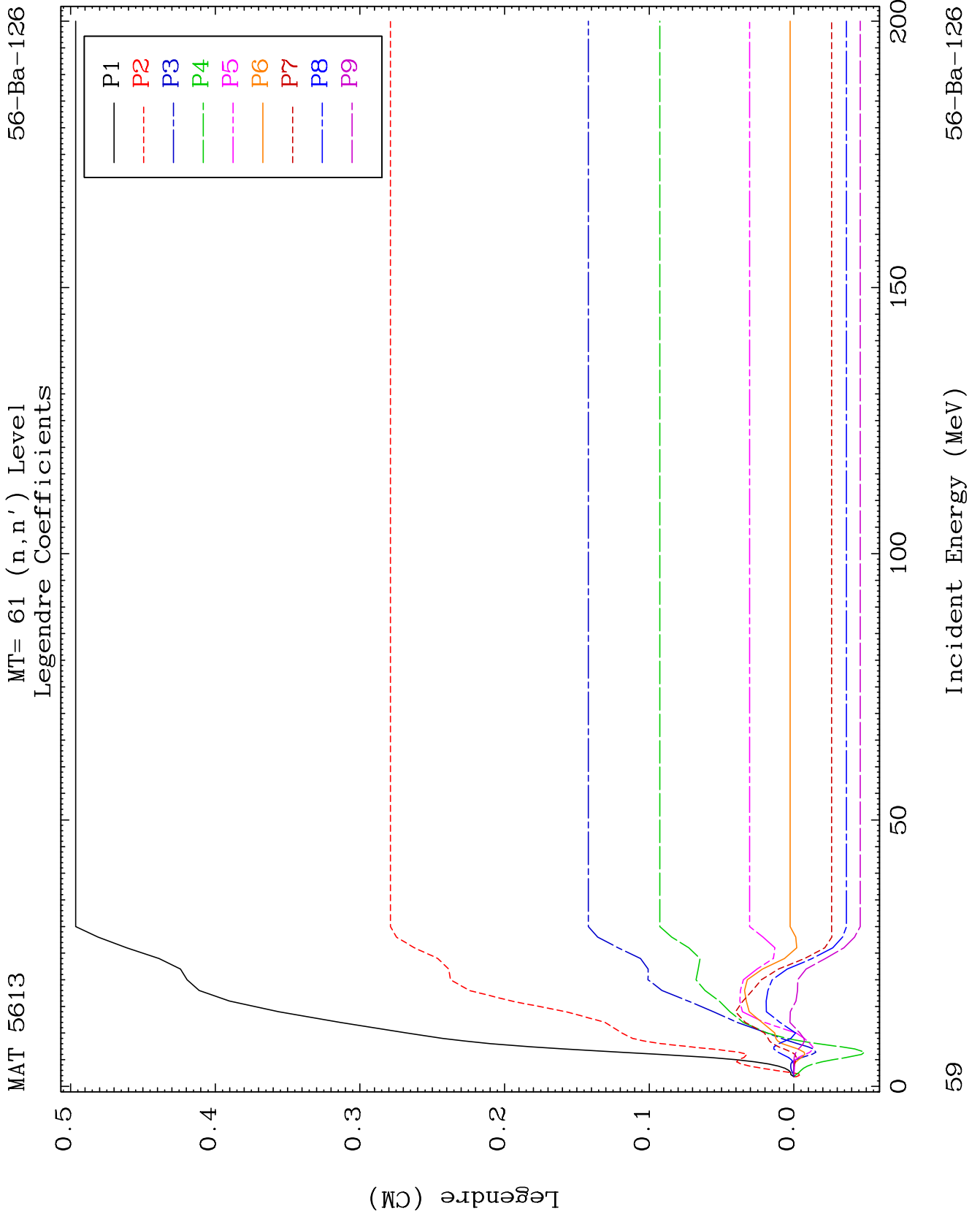
Incident Energy (MeV)

55





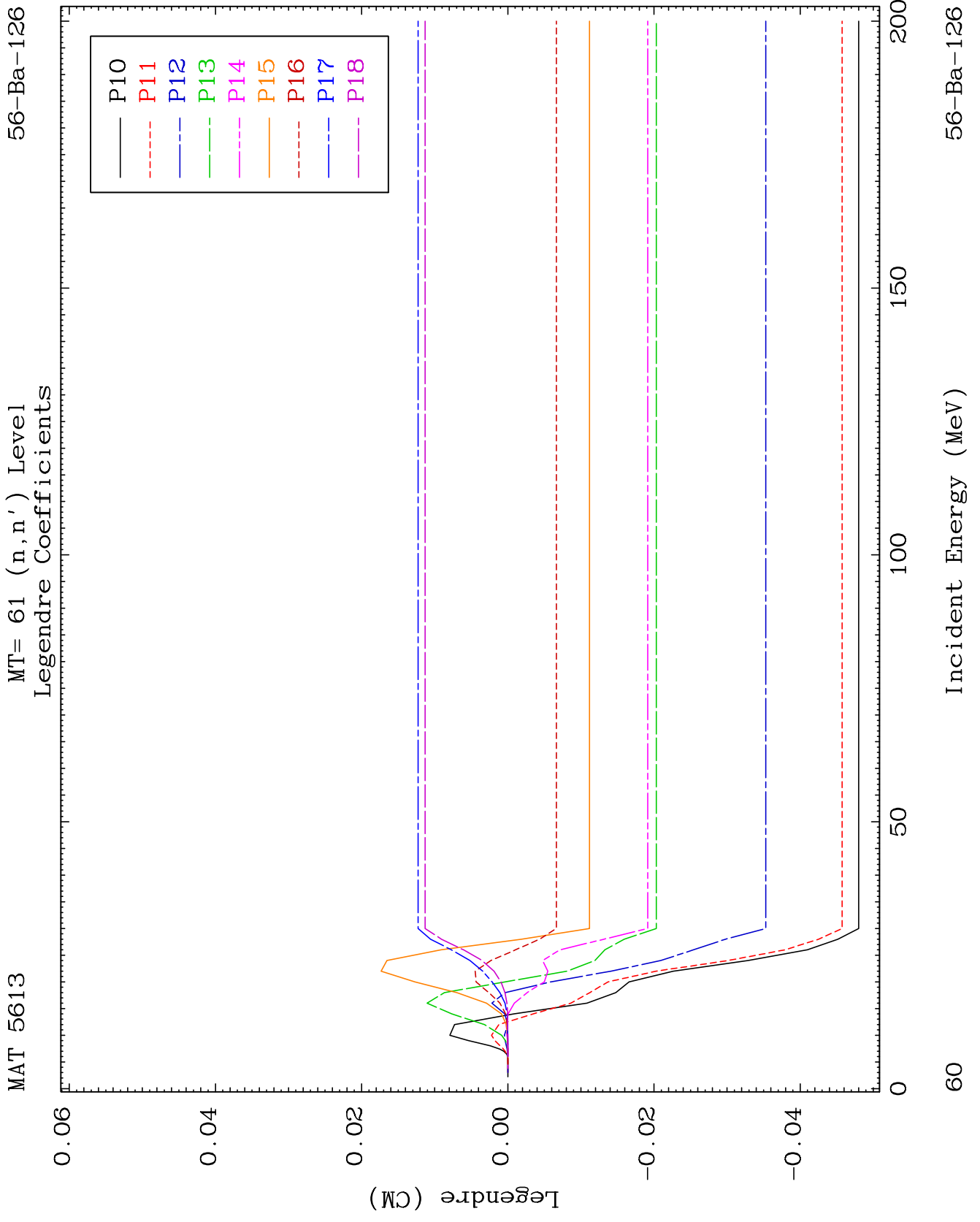




56-Ba-126

Incident Energy (MeV)

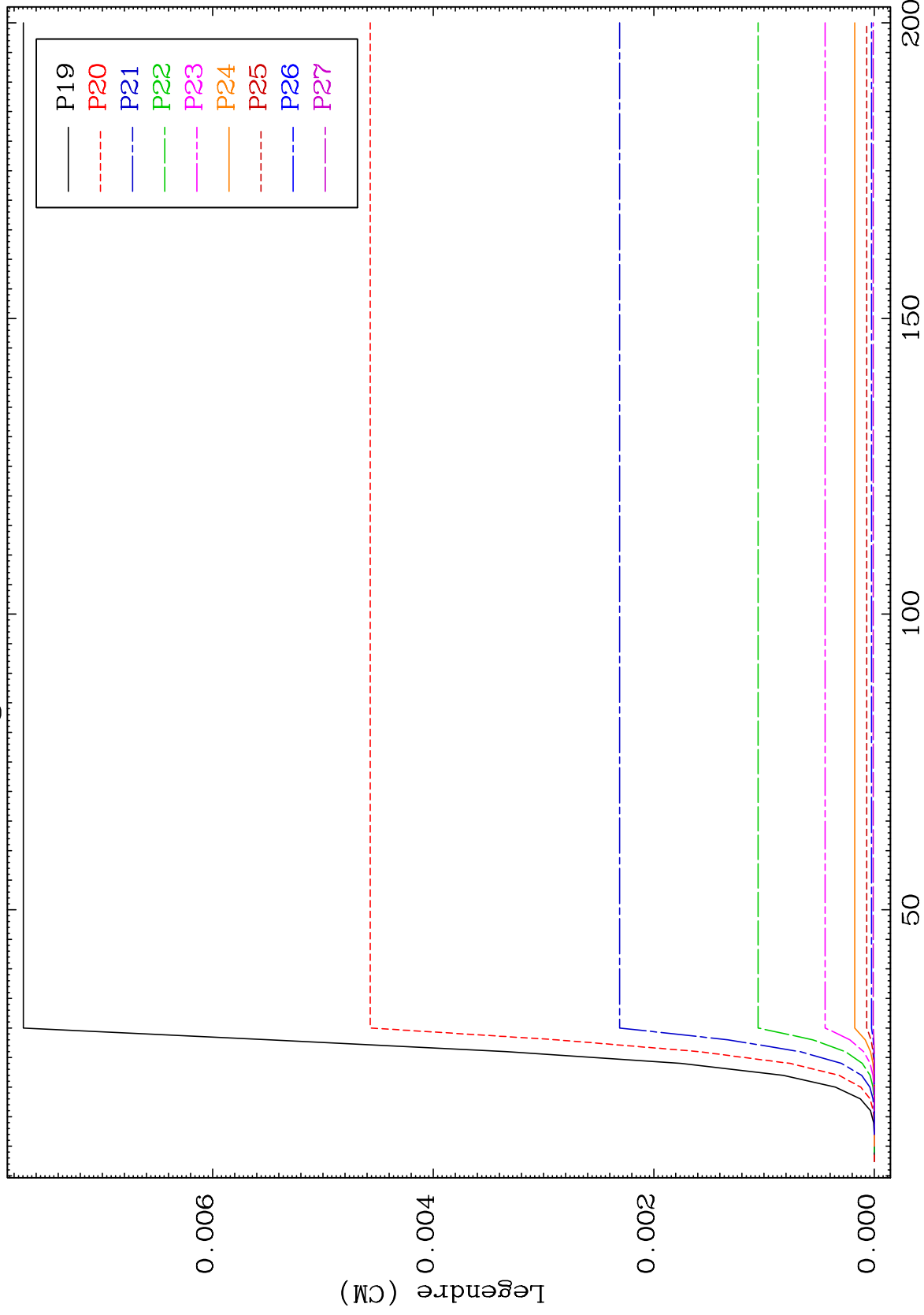
59



MAT 5613

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

56-Ba-126



61

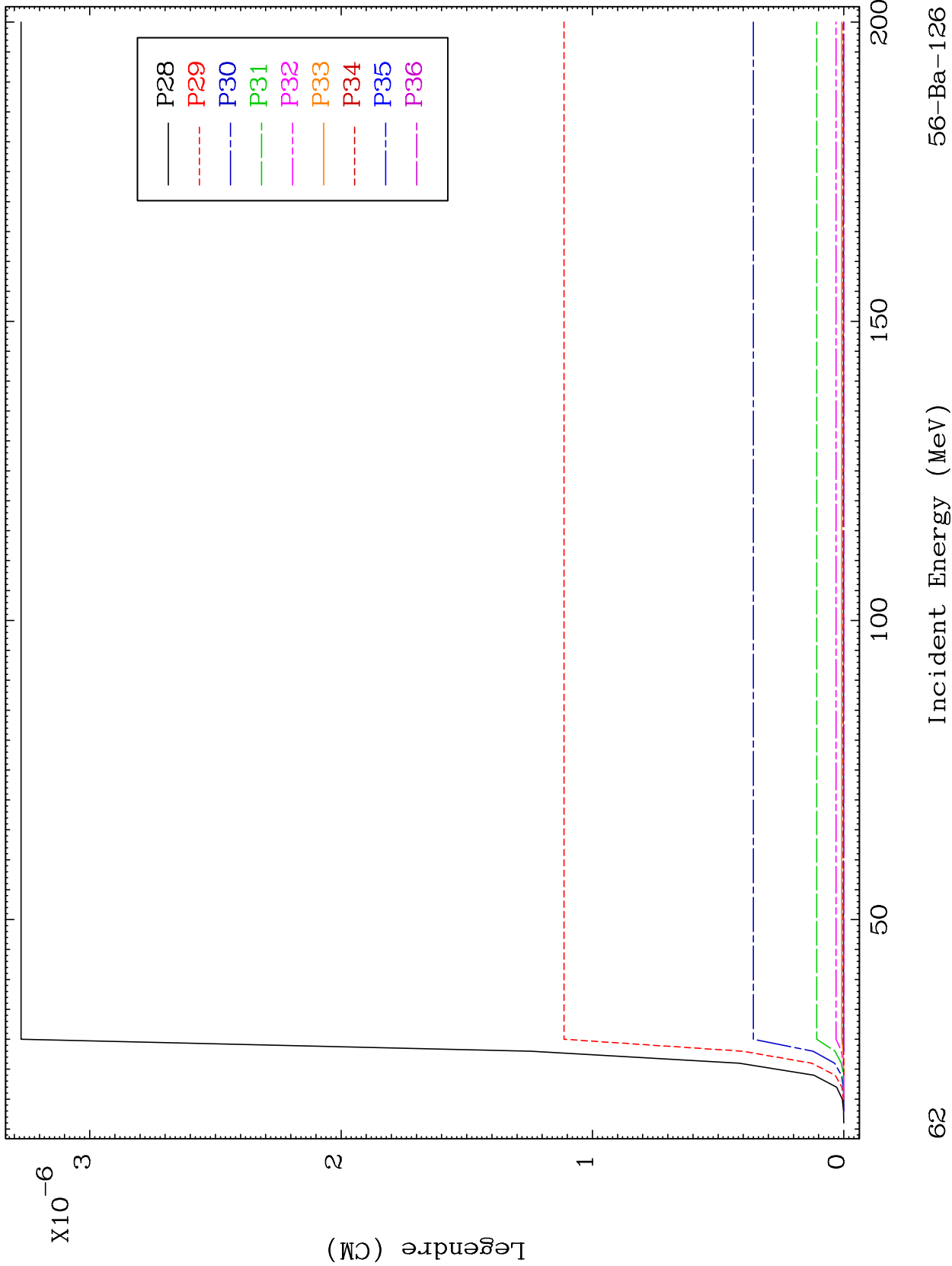
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

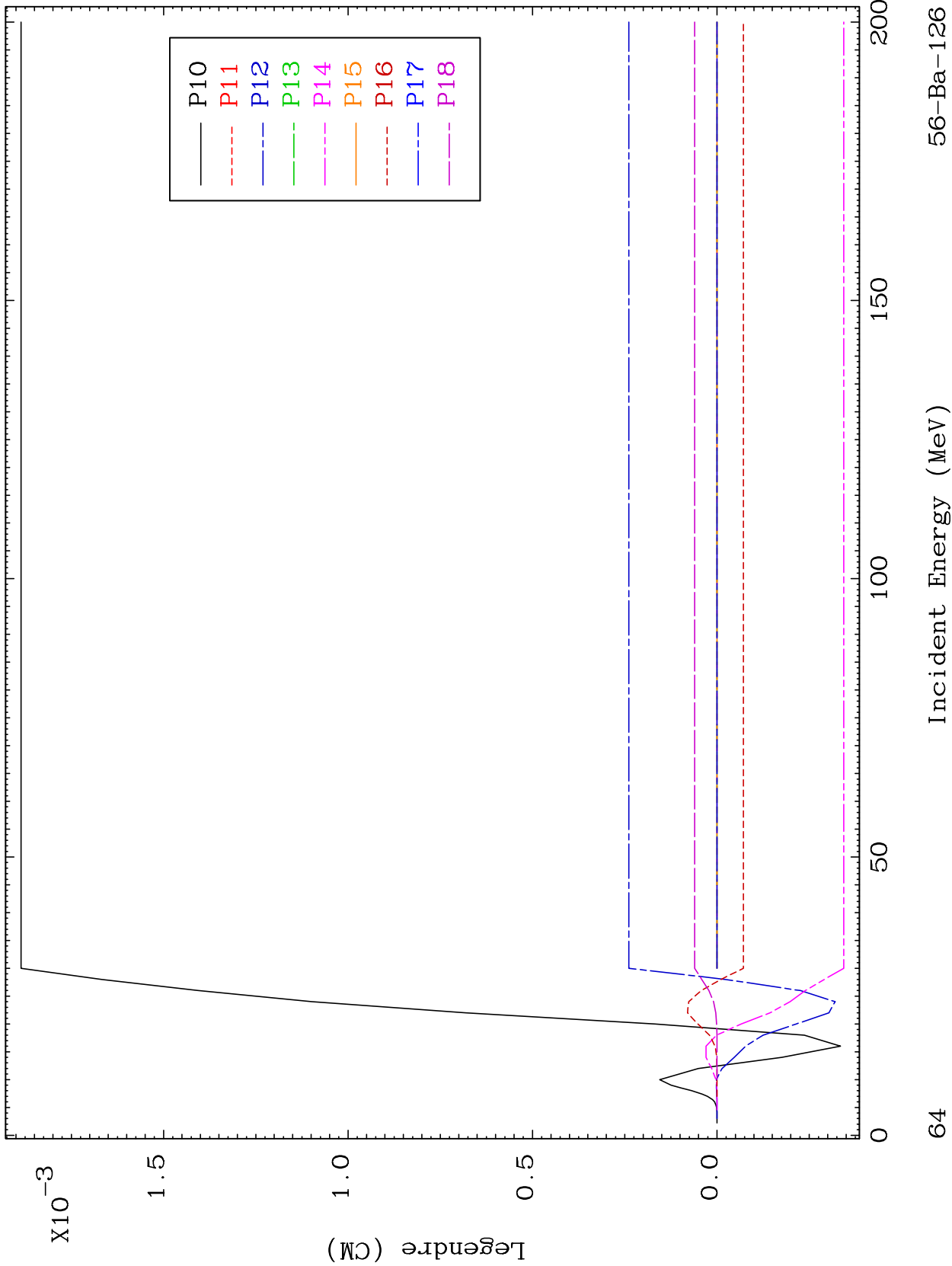
56-Ba-126



MAT 5613

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

56-Ba-126



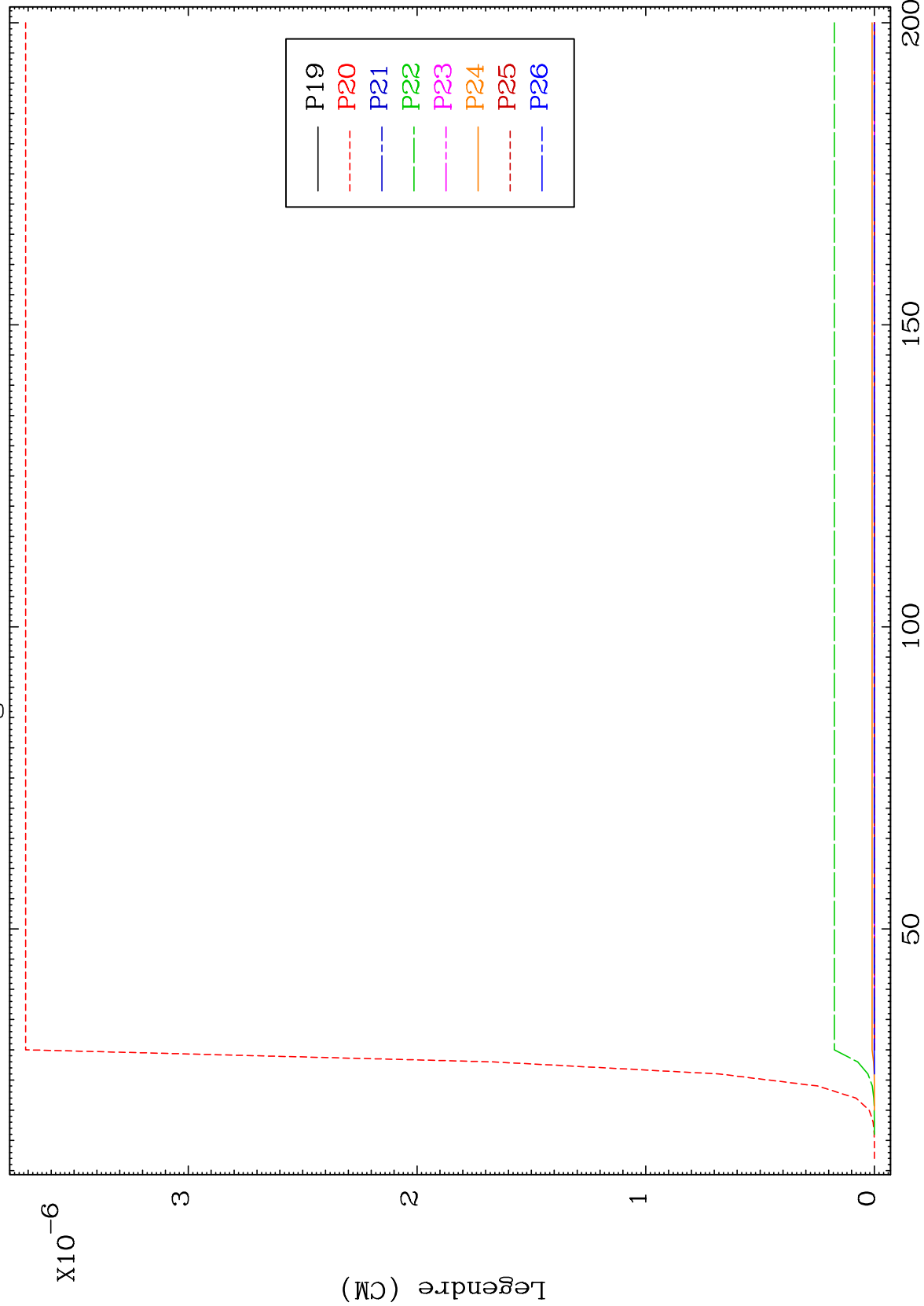
64

56-Ba-126

MAT 5613

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

56-Ba-126



56-Ba-126

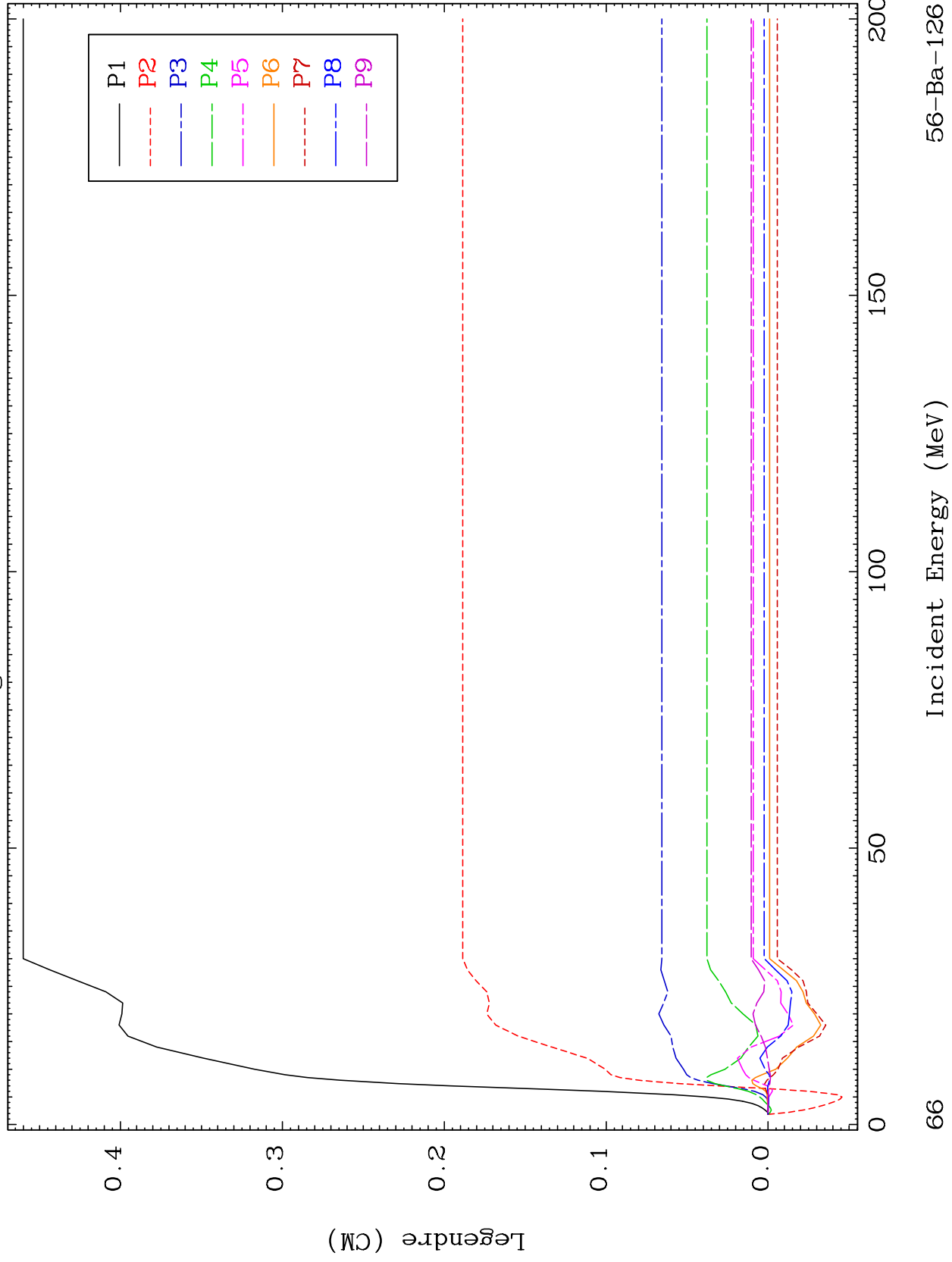
Incident Energy (MeV)

65

MAT 5613

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

56-Ba-126



56-Ba-126

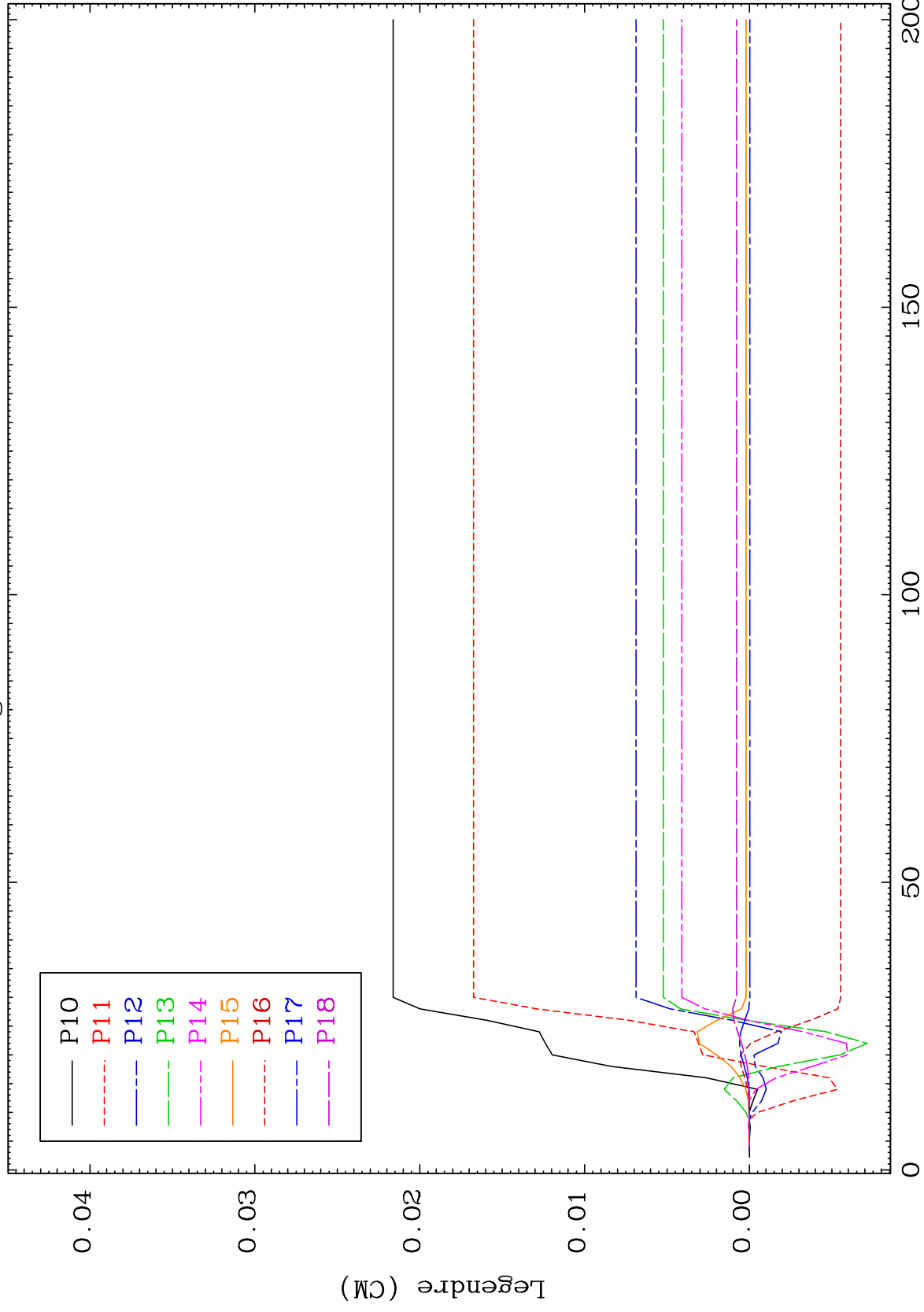
Incident Energy (MeV)

66

MAT 5613

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

56-Ba-126



67

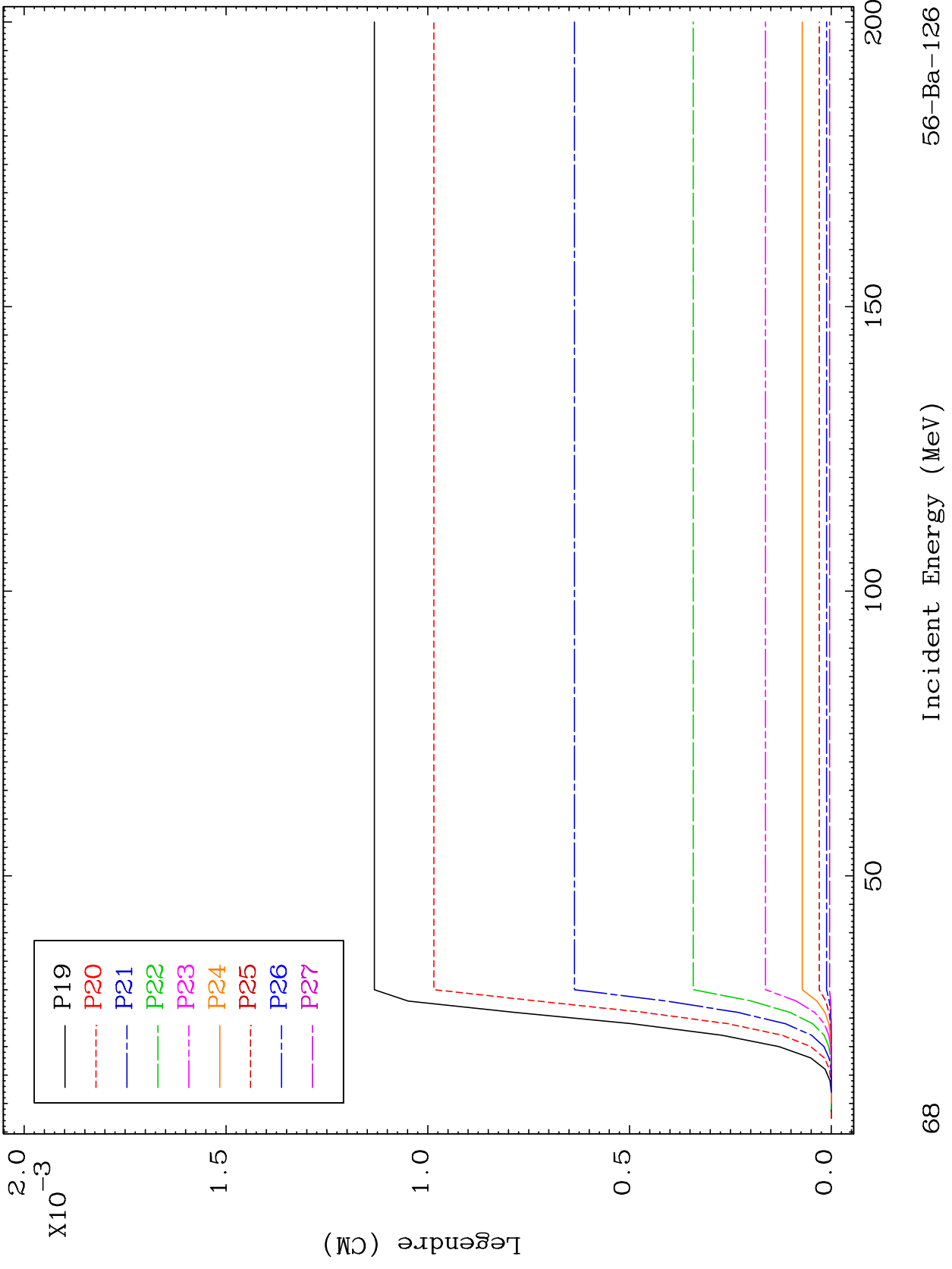
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

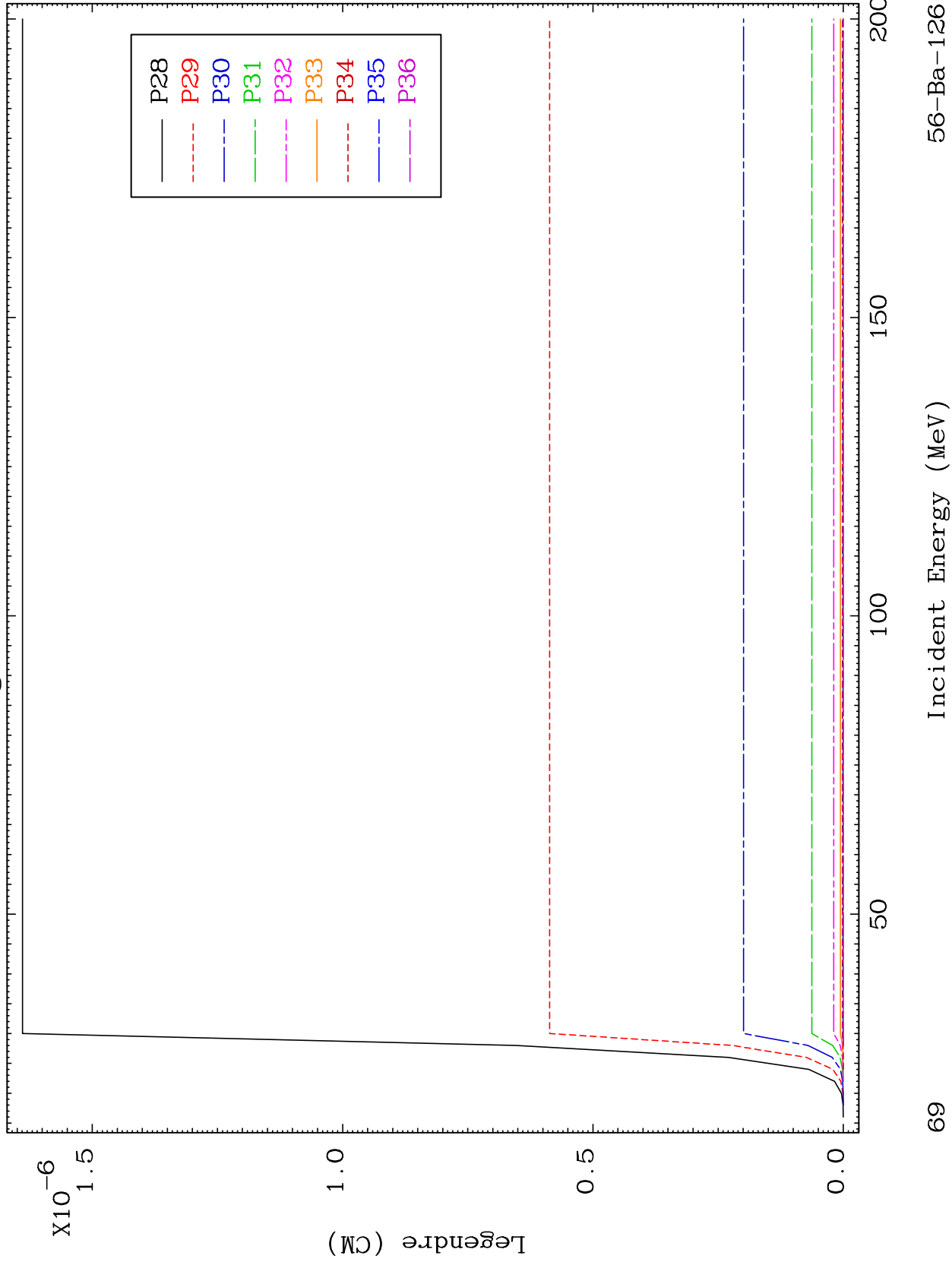
56-Ba-126



MAT 5613

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

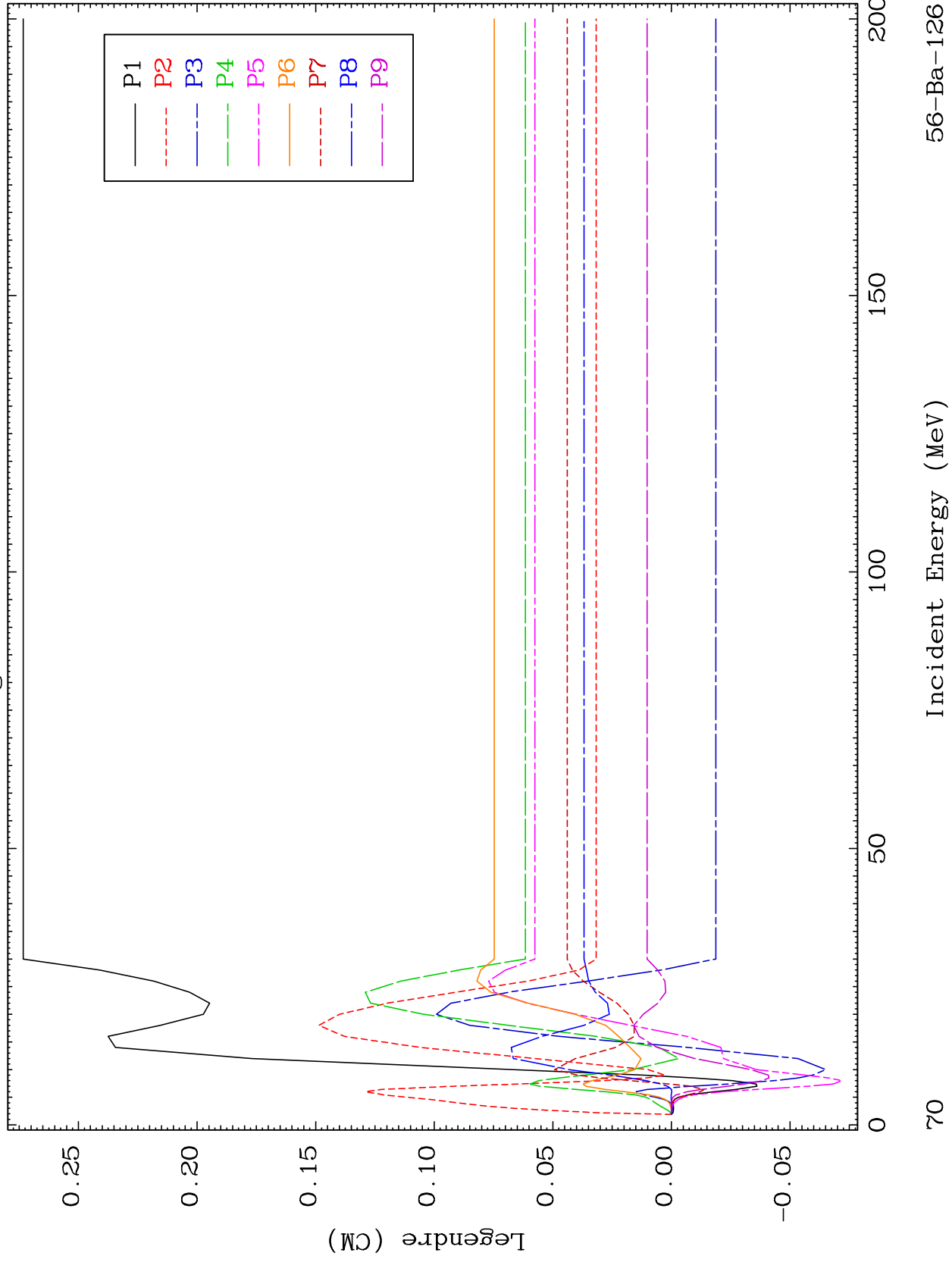
56-Ba-126



MAT 5613

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

56-Ba-126



56-Ba-126

Incident Energy (MeV)

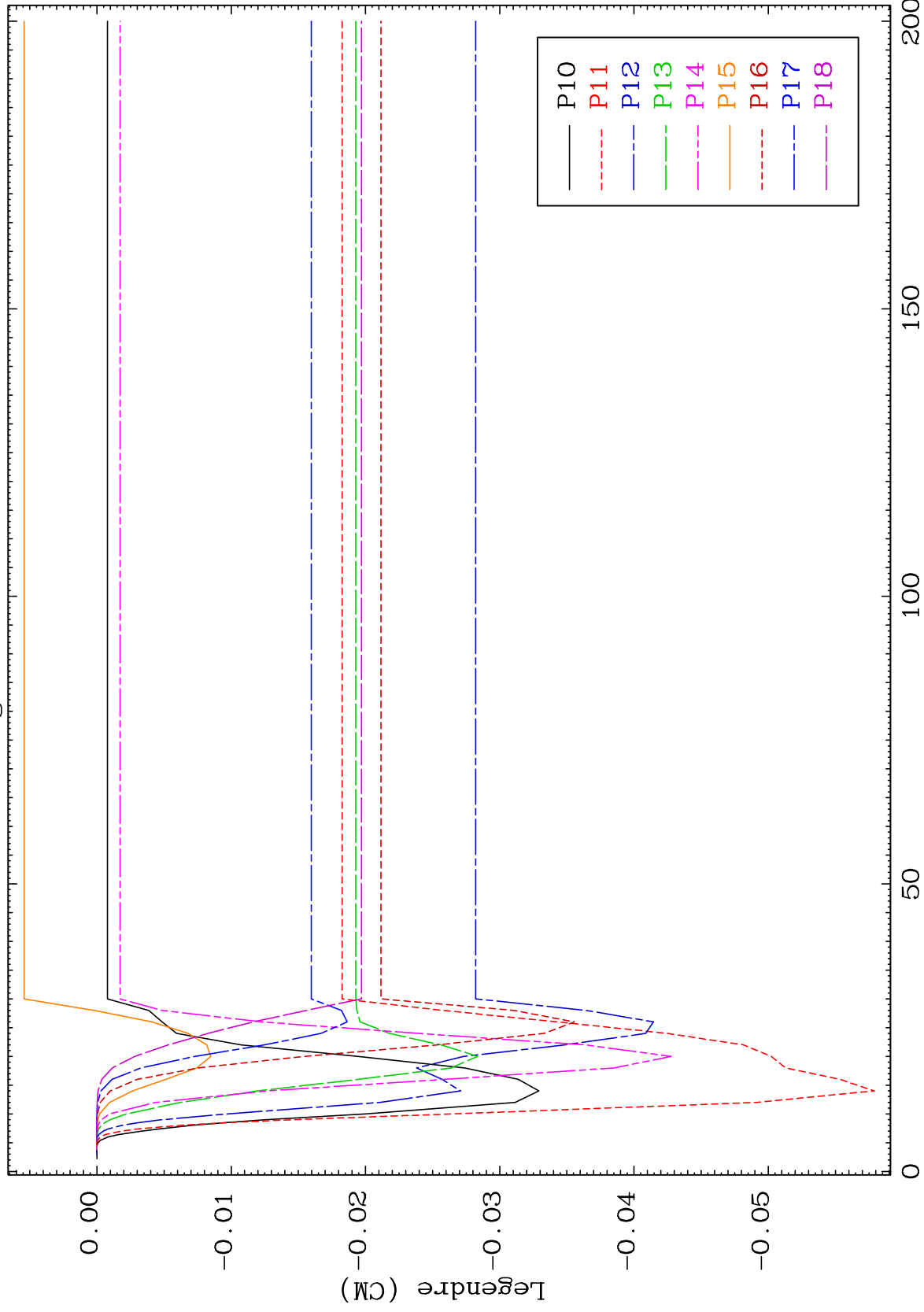
70

MAT 5613

MT= 64 (n,n') Level

56-Ba-126

Legendre Coefficients



71

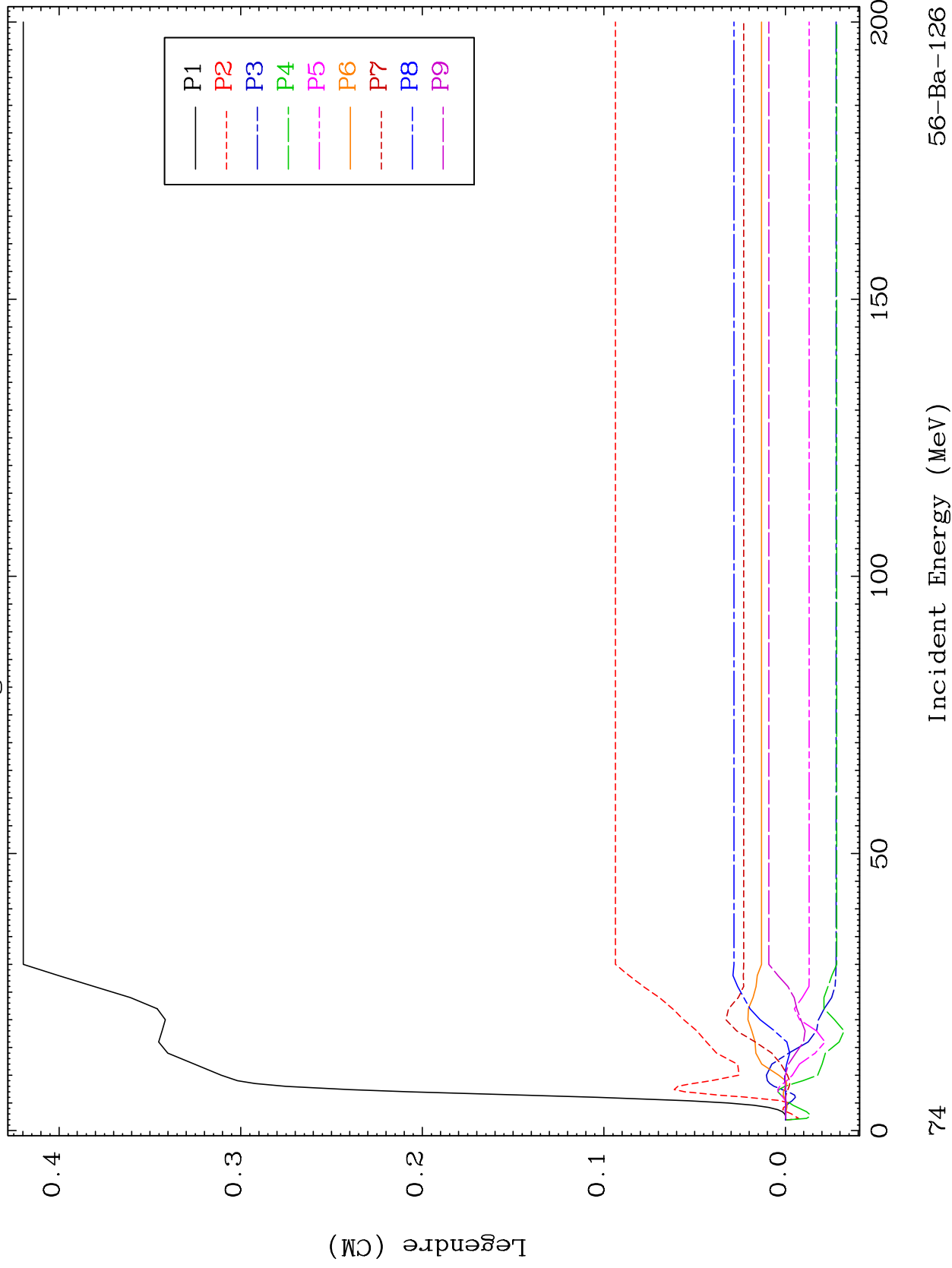
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



74

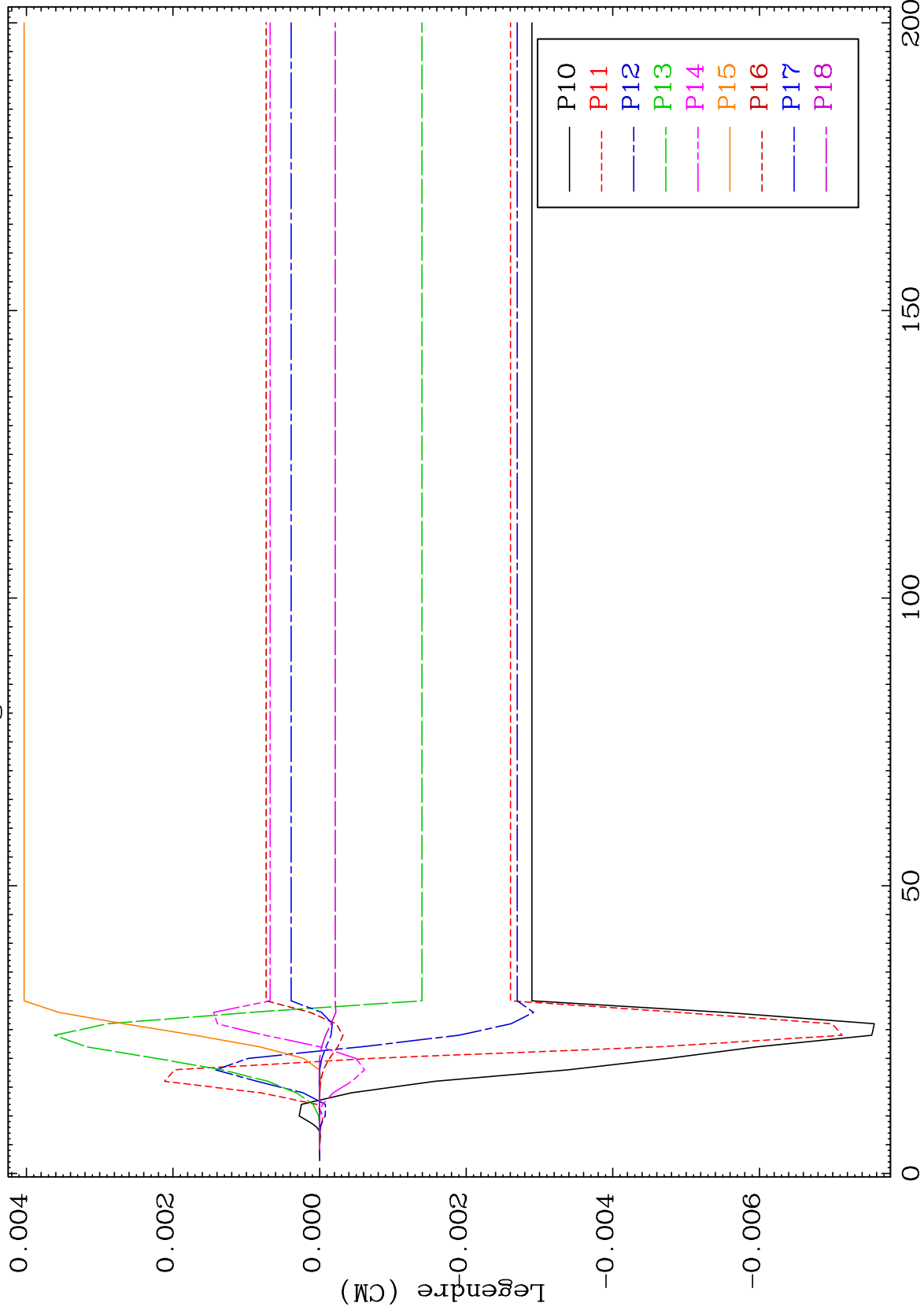
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



75

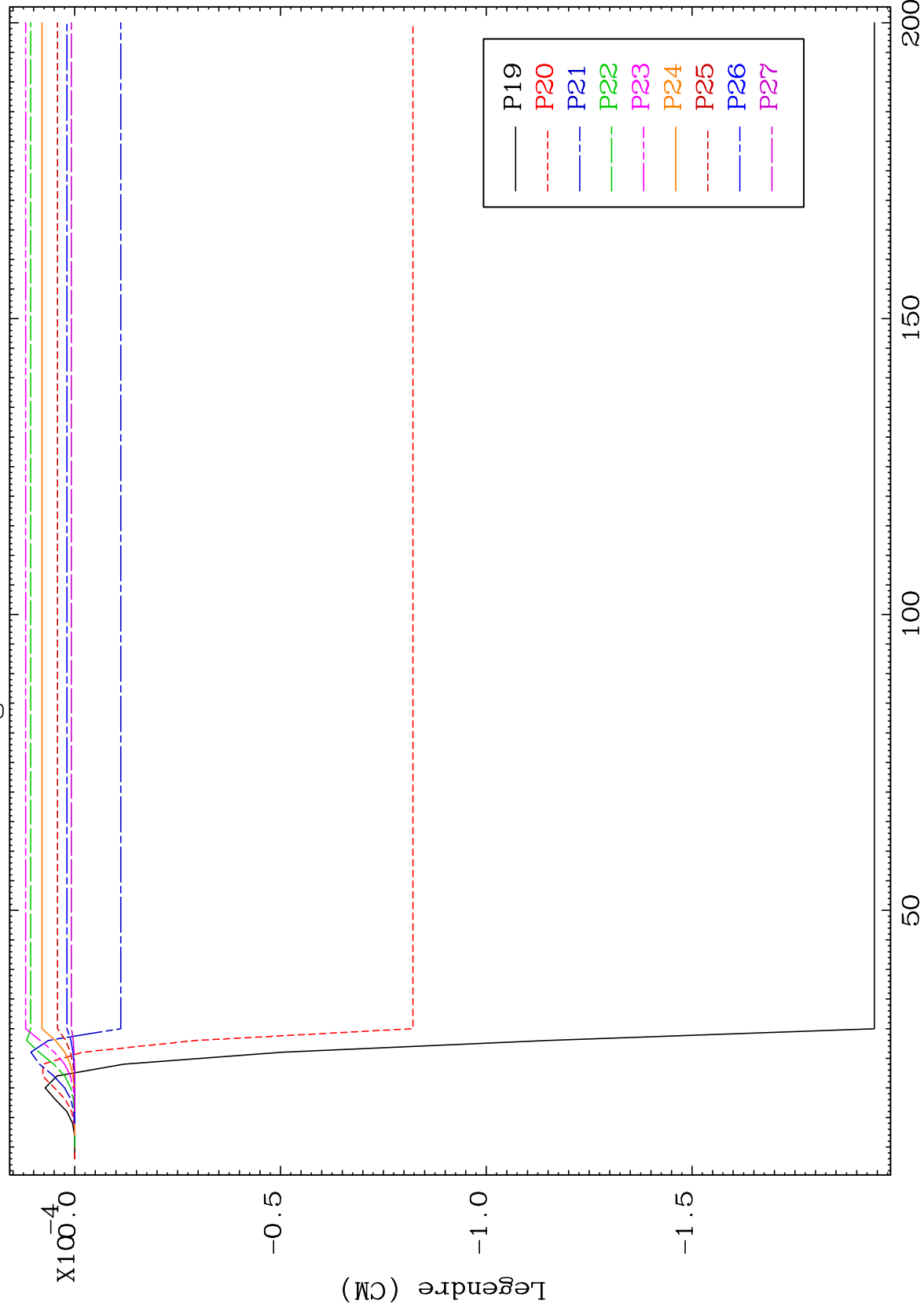
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



76

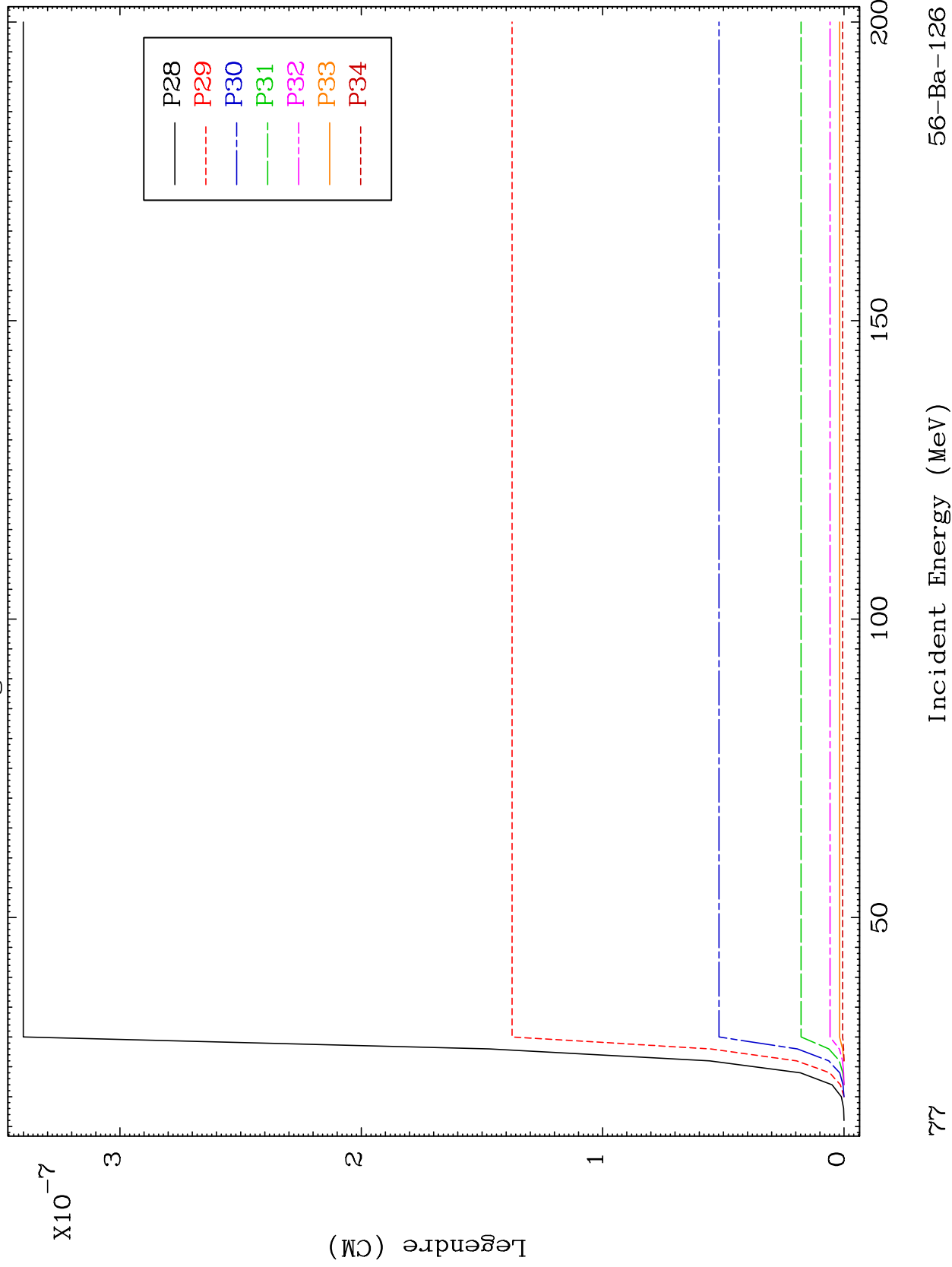
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

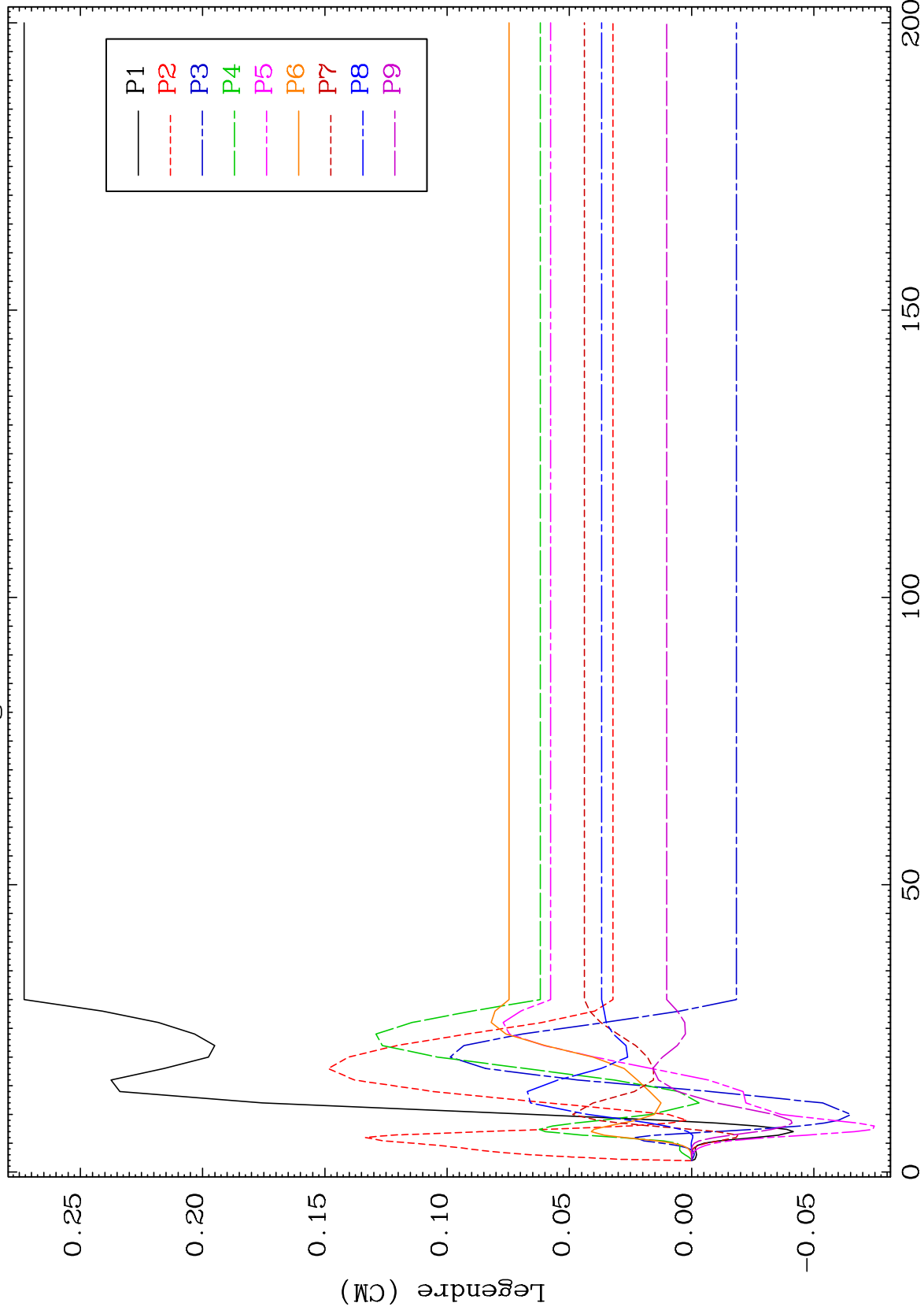
56-Ba-126



MAT 5613

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

56-Ba-126



78

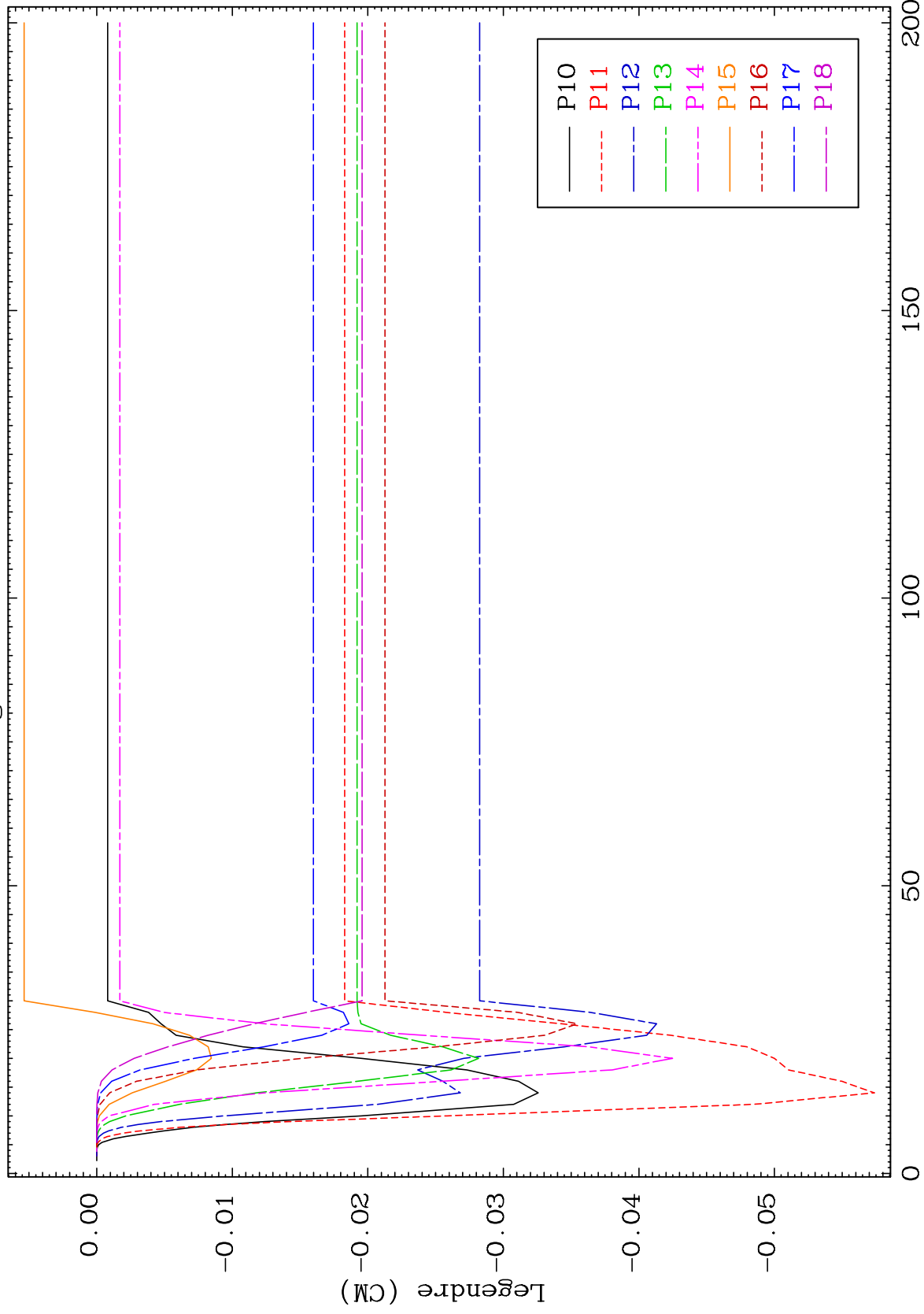
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

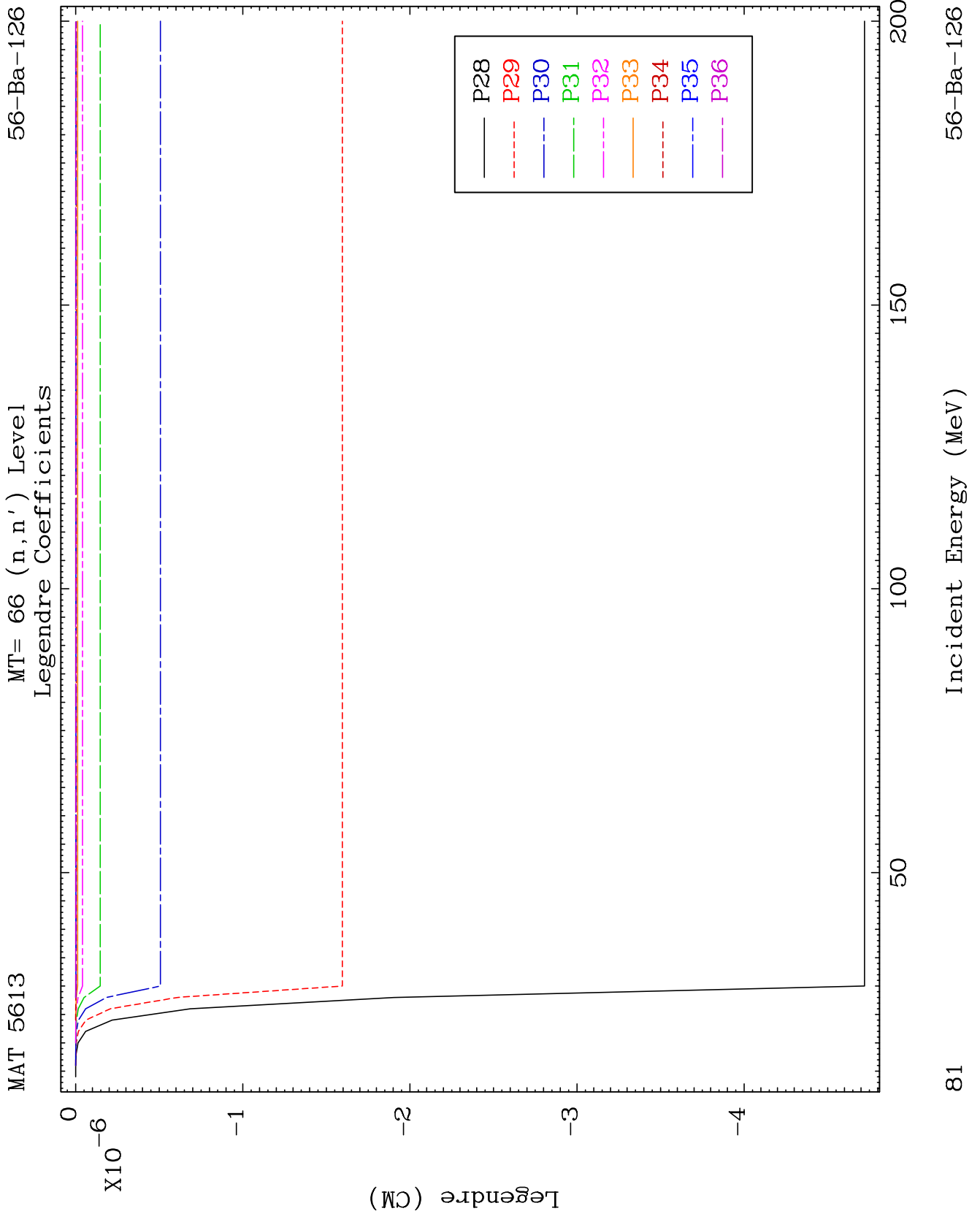
56-Ba-126



79

Incident Energy (MeV)

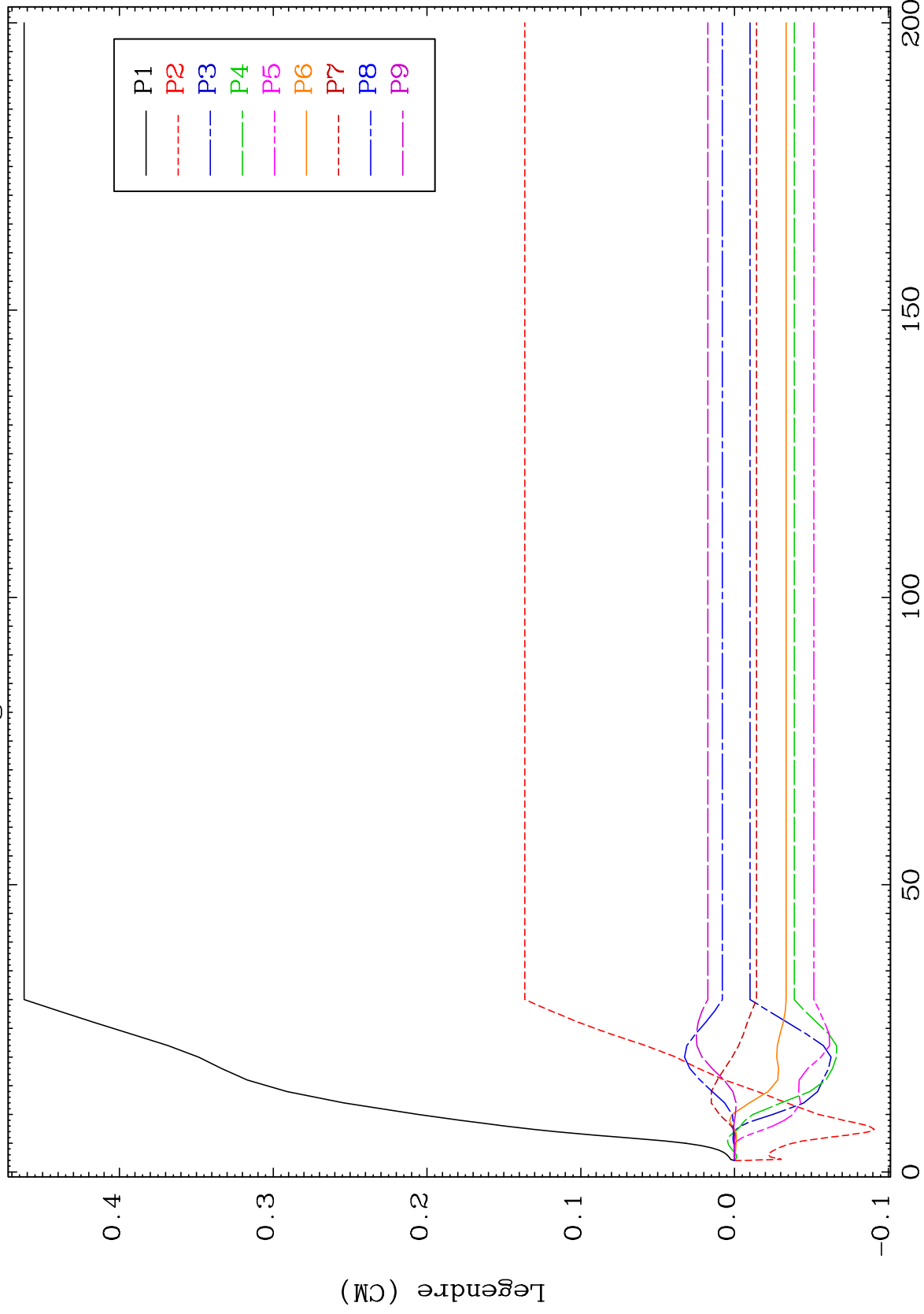
56-Ba-126



MAT 5613

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

56-Ba-126



82

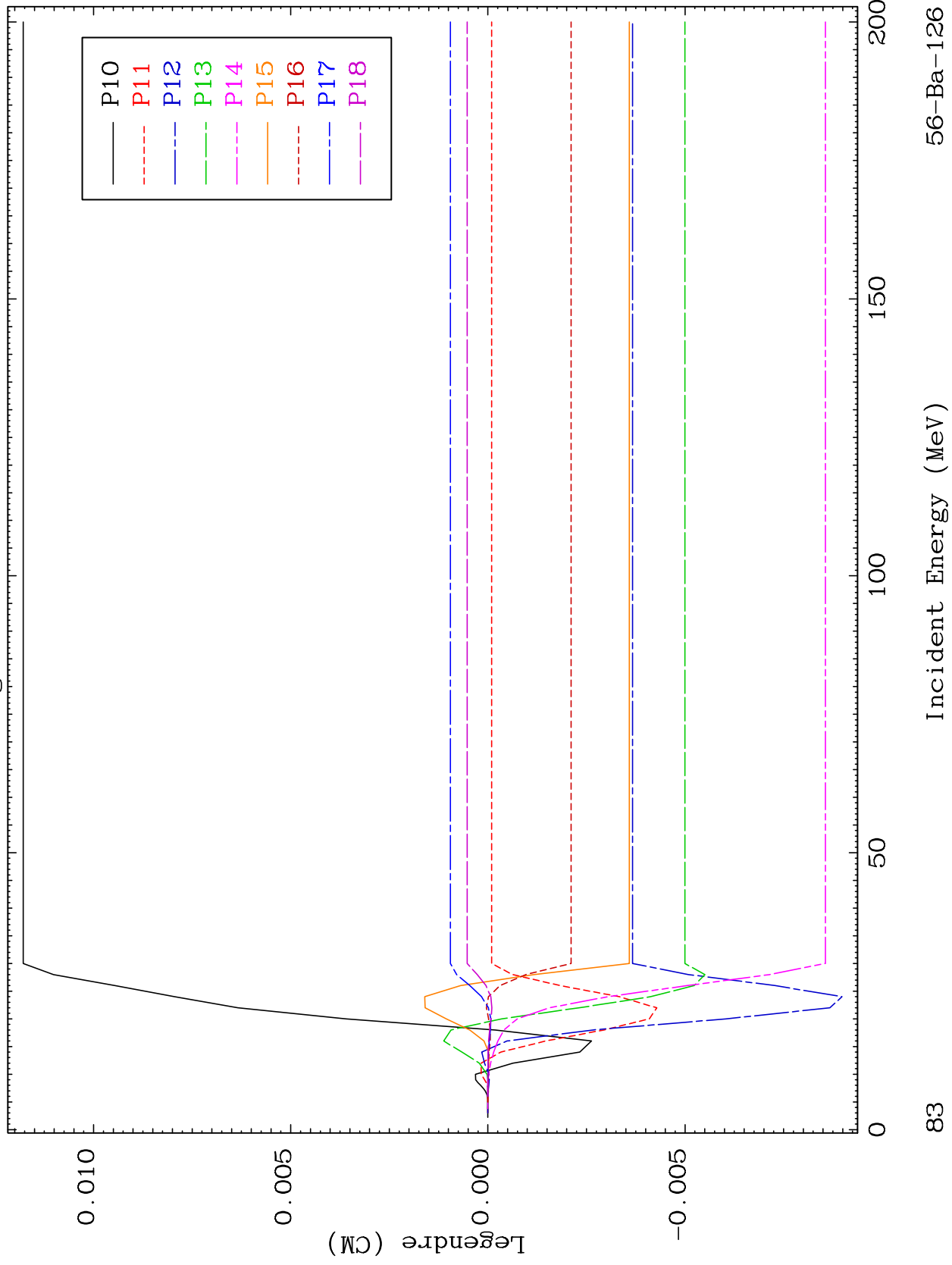
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

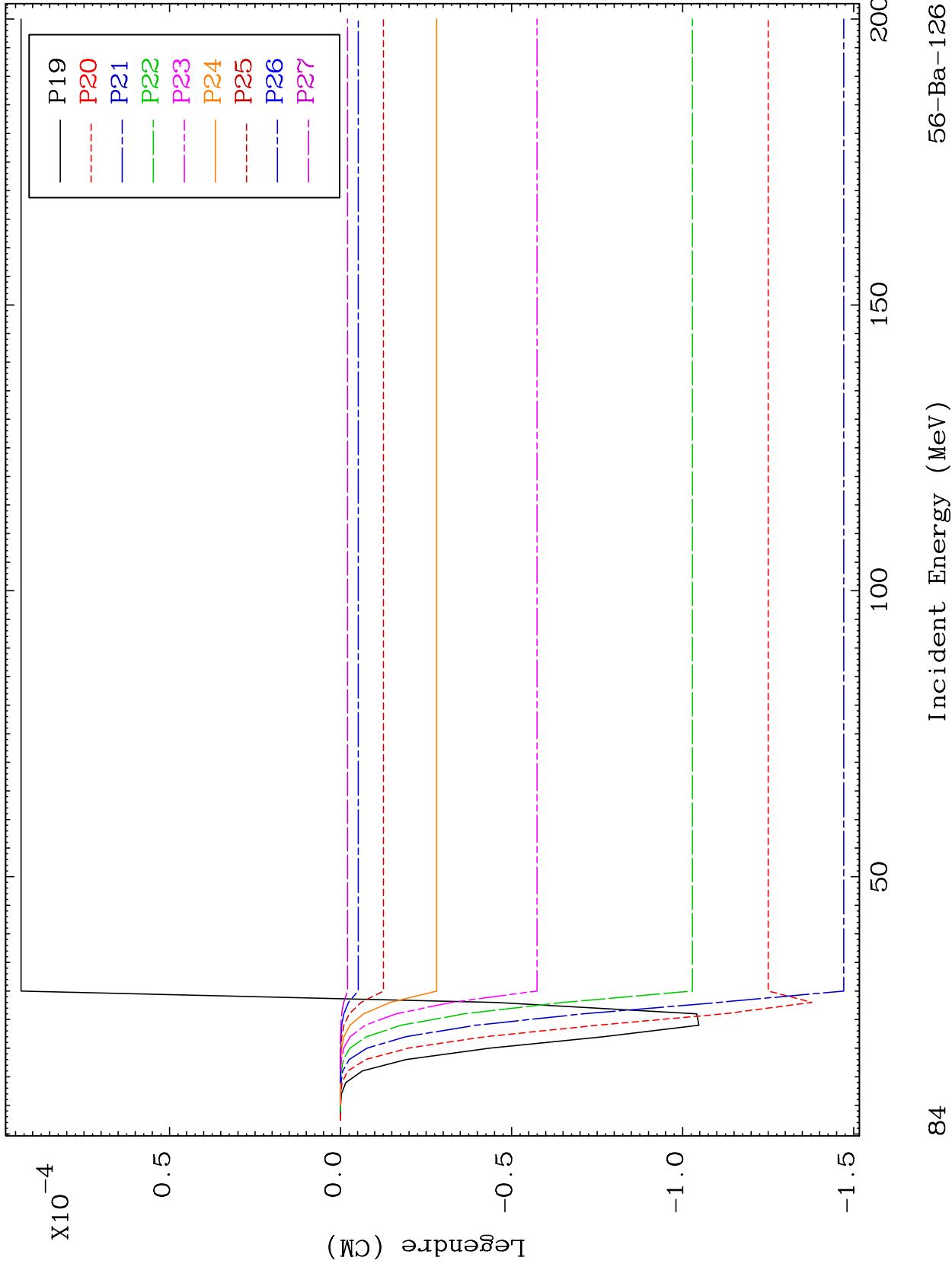
56-Ba-126



83

Incident Energy (MeV)

56-Ba-126

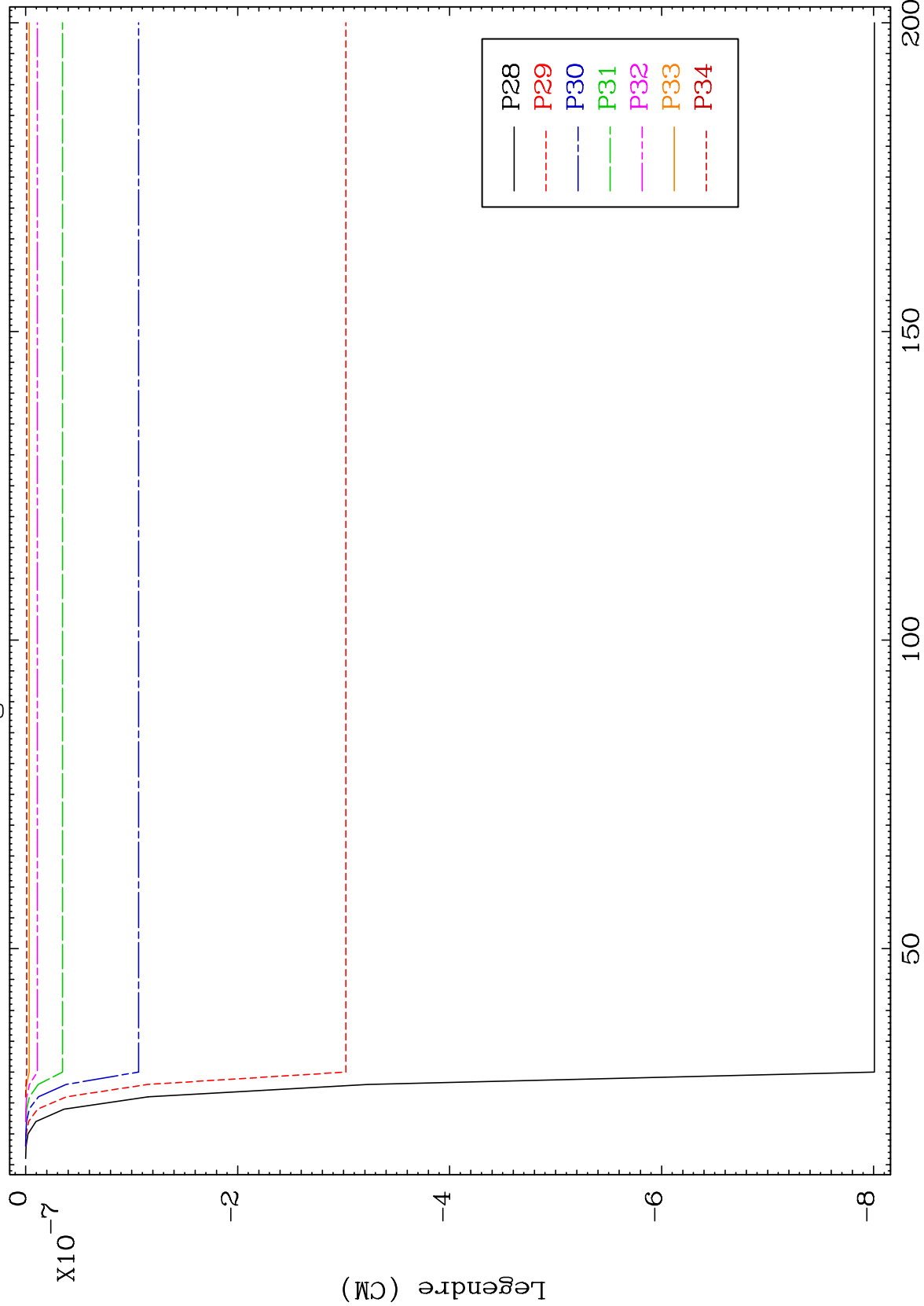


MAT 5613

MT= 67 (n,n') Level

56-Ba-126

Legendre Coefficients



85

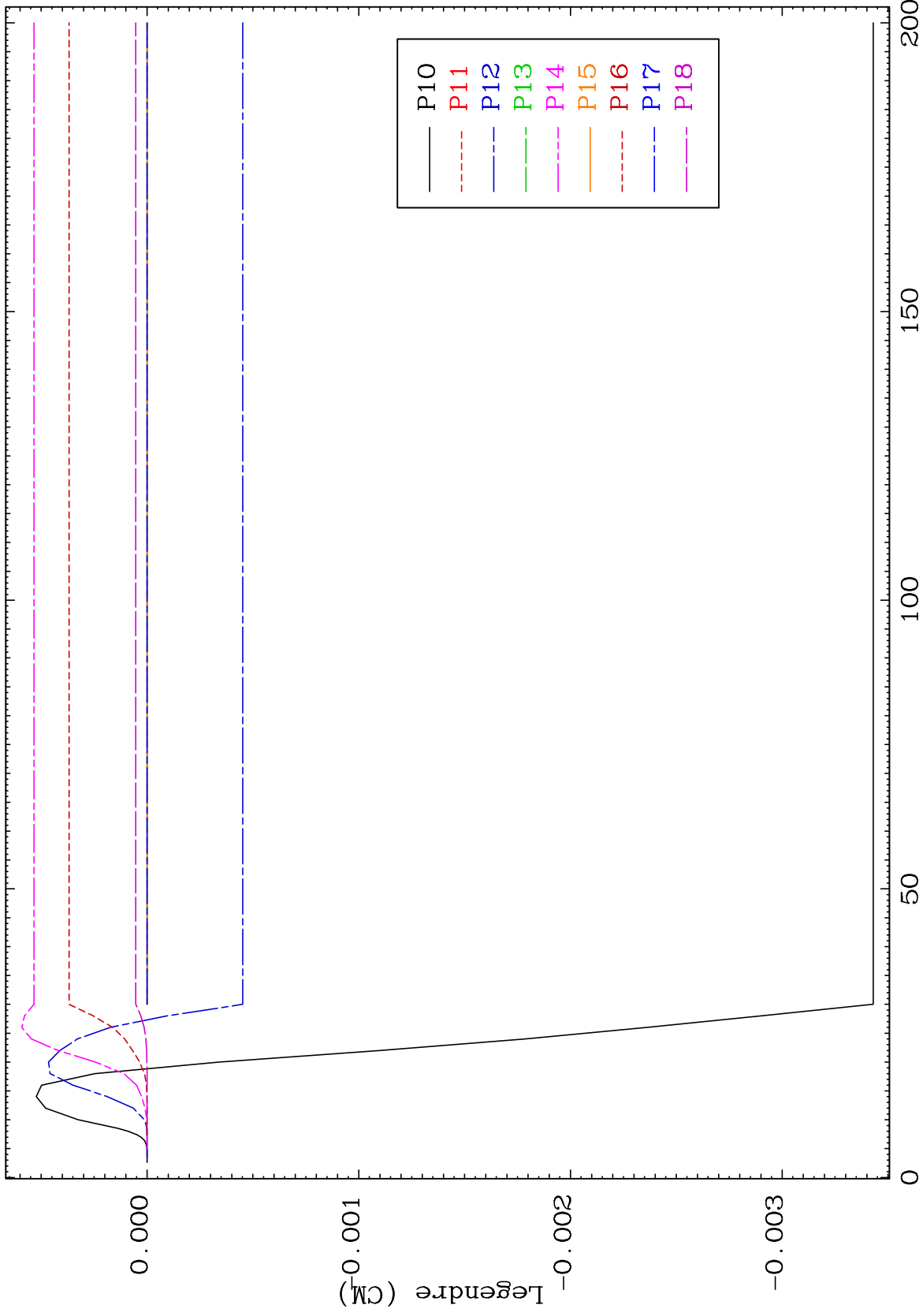
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

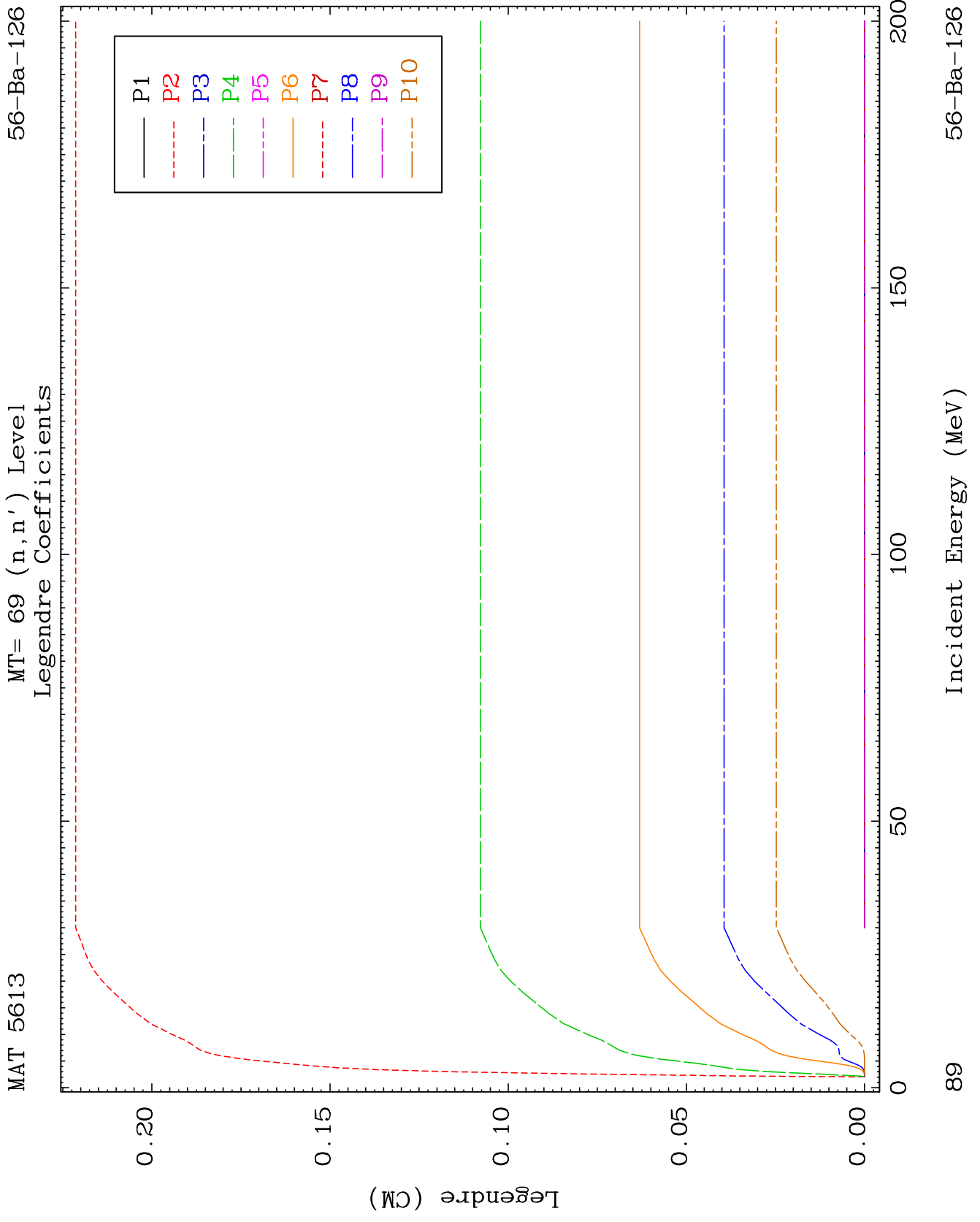
56-Ba-126

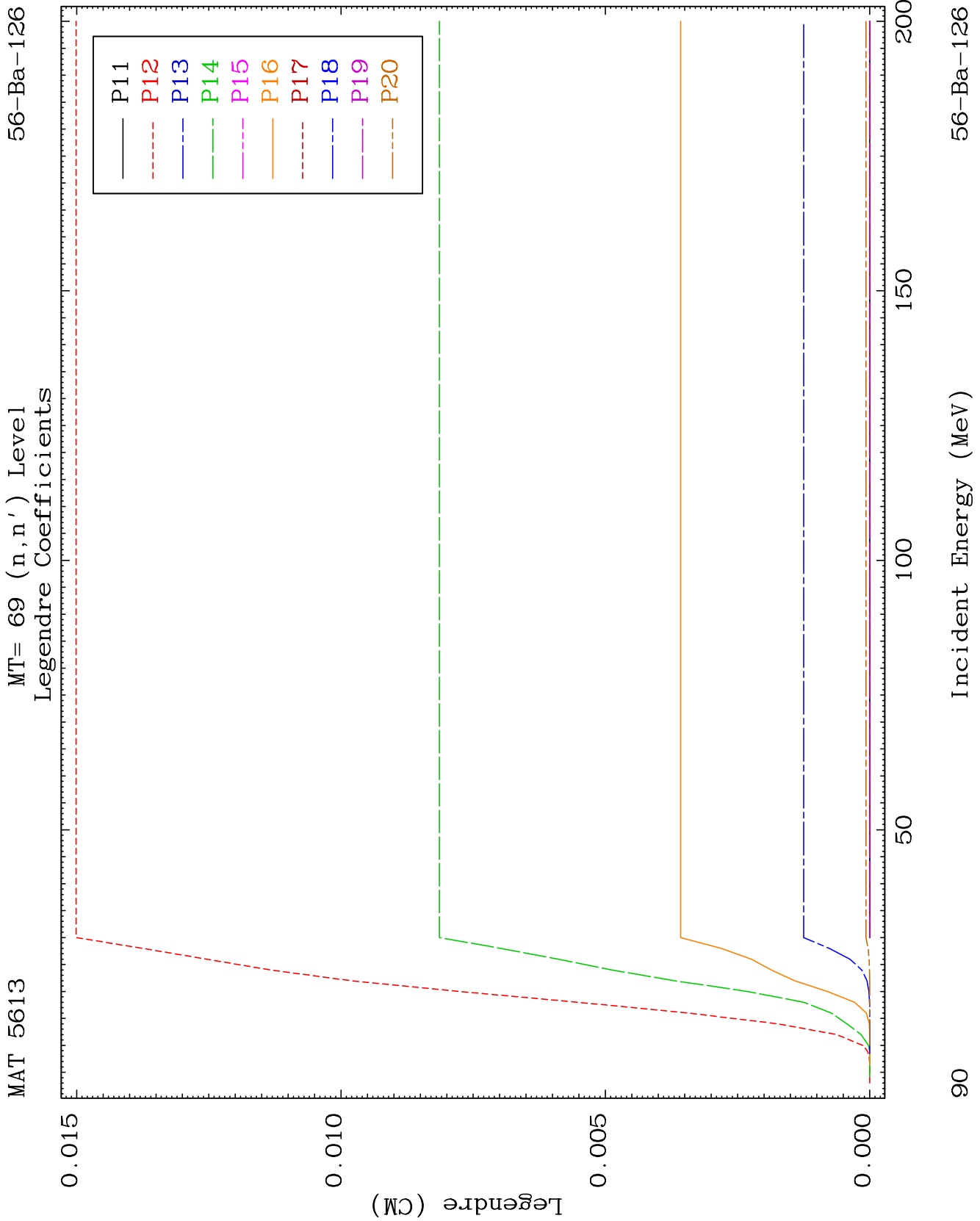


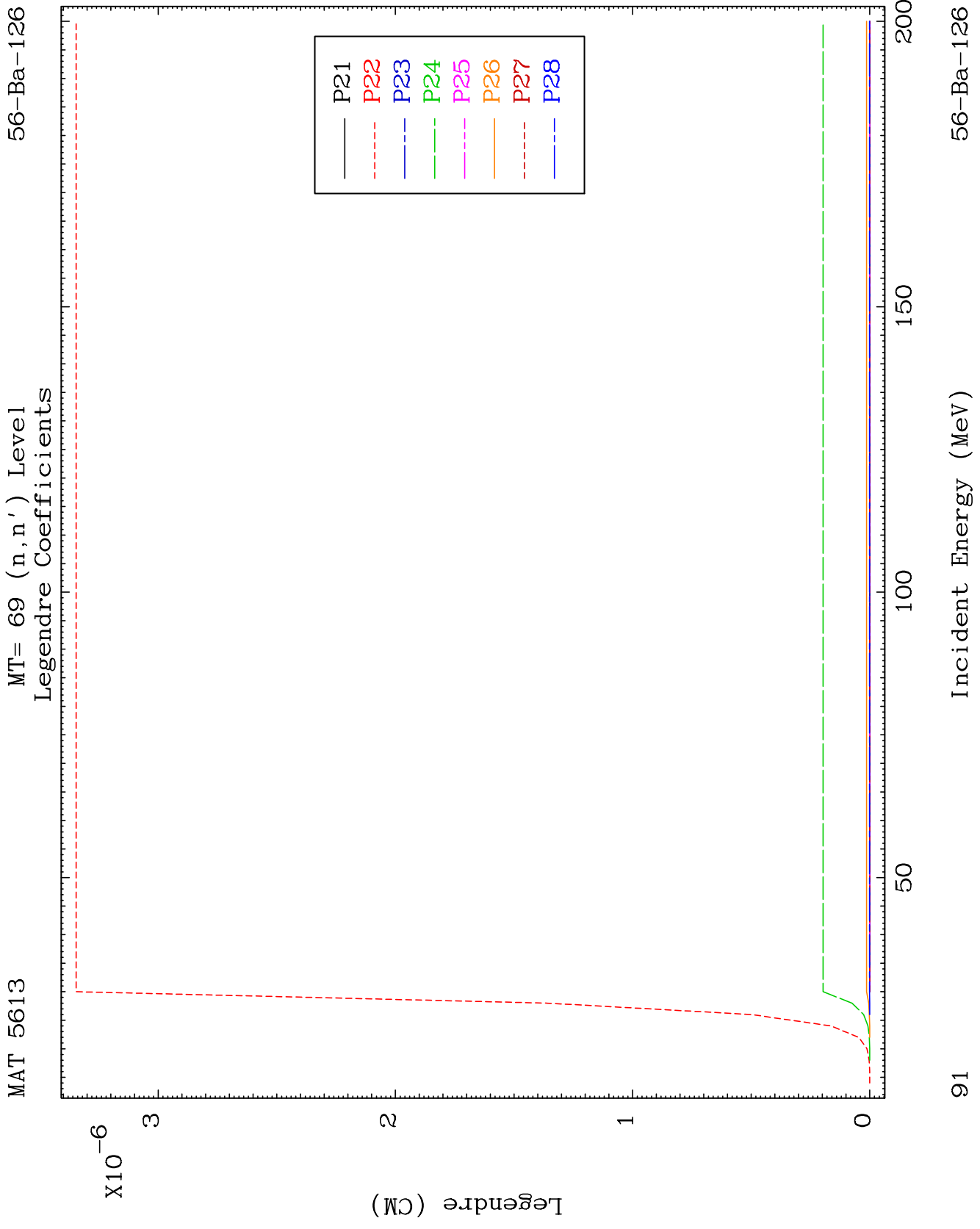
87

Incident Energy (MeV)

56-Ba-126



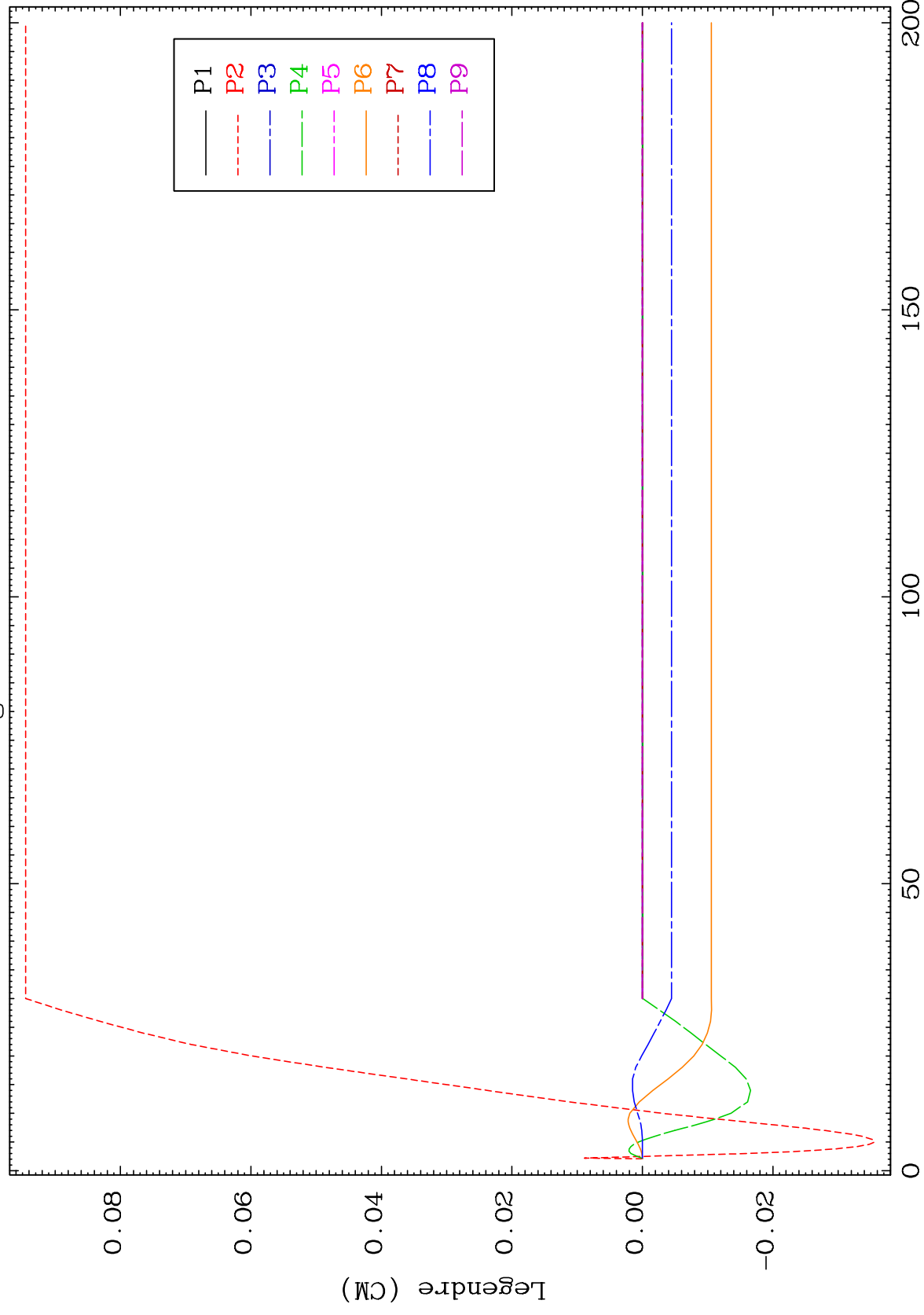




MAT 5613

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

56-Ba-126



56-Ba-126

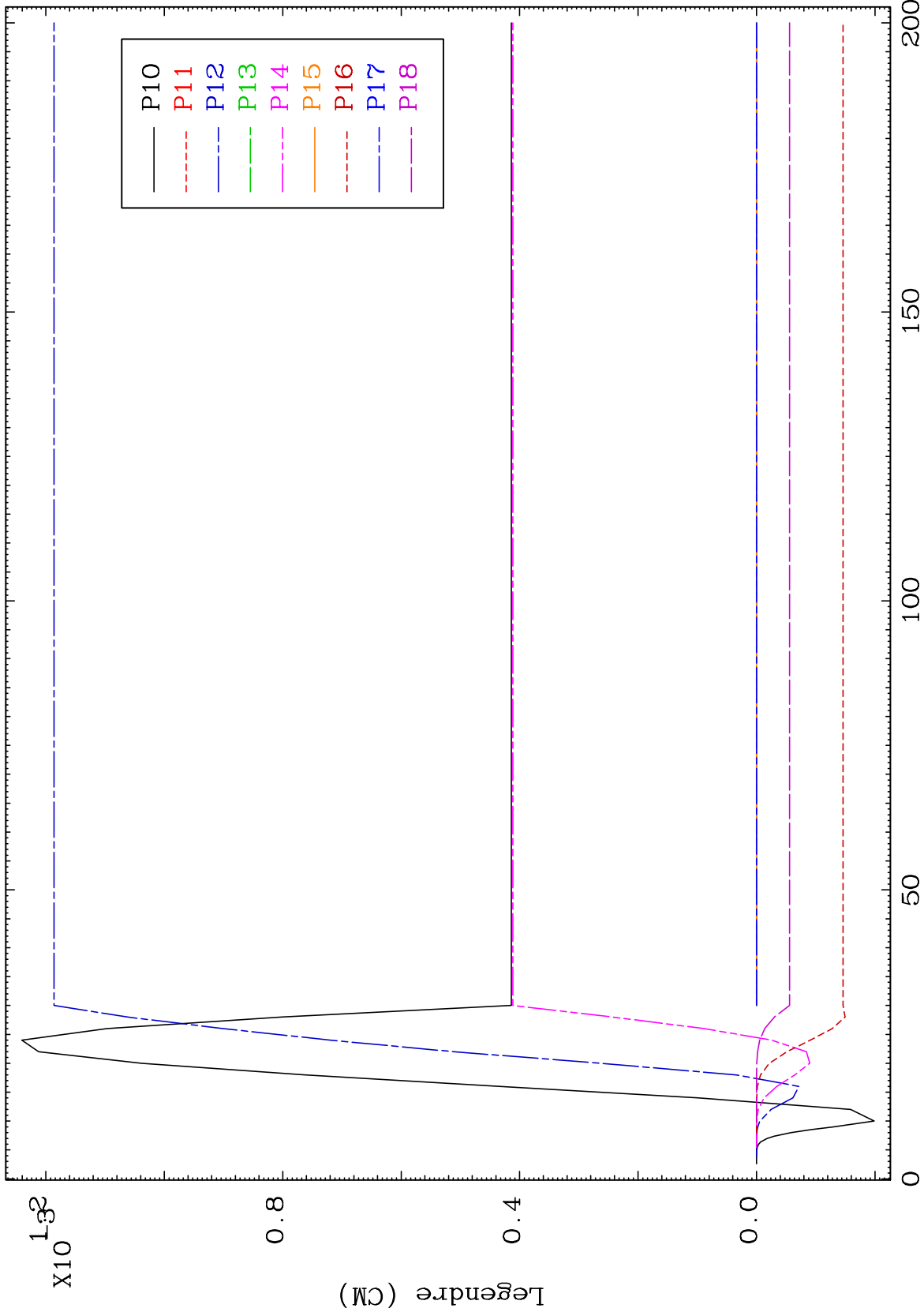
Incident Energy (MeV)

92

MAT 5613

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

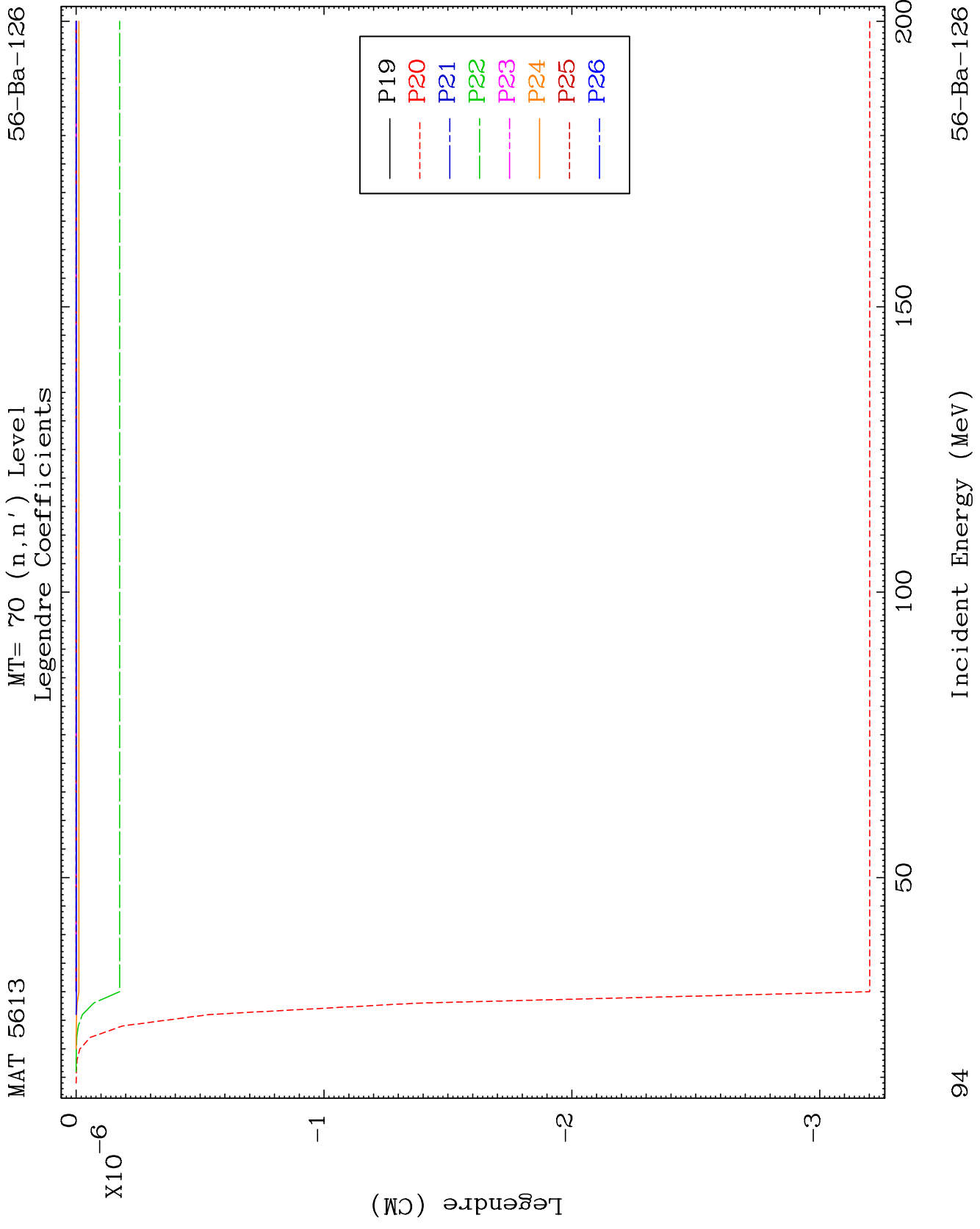
56-Ba-126



93

Incident Energy (MeV)

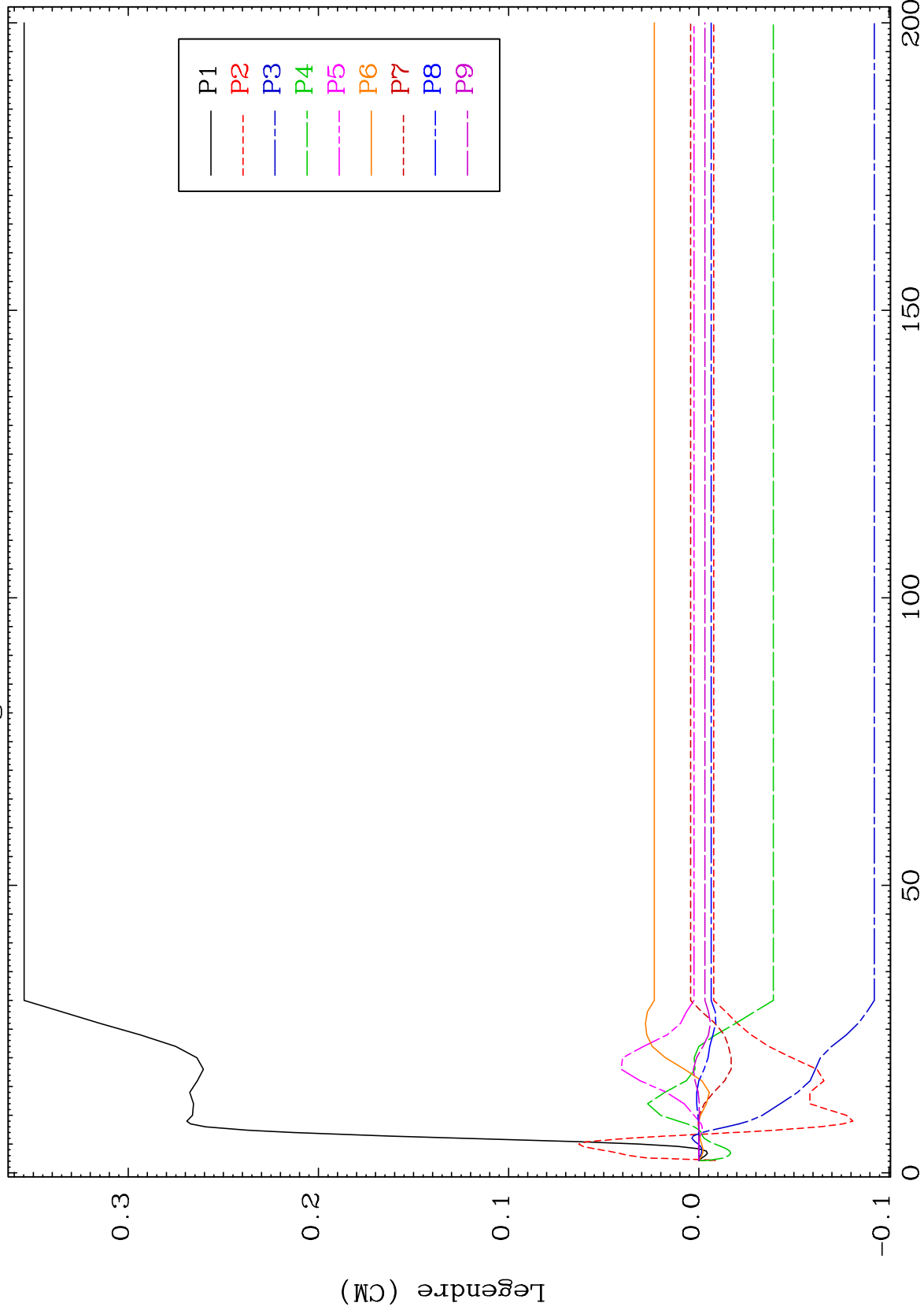
56-Ba-126



MAT 5613

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

56-Ba-126



95

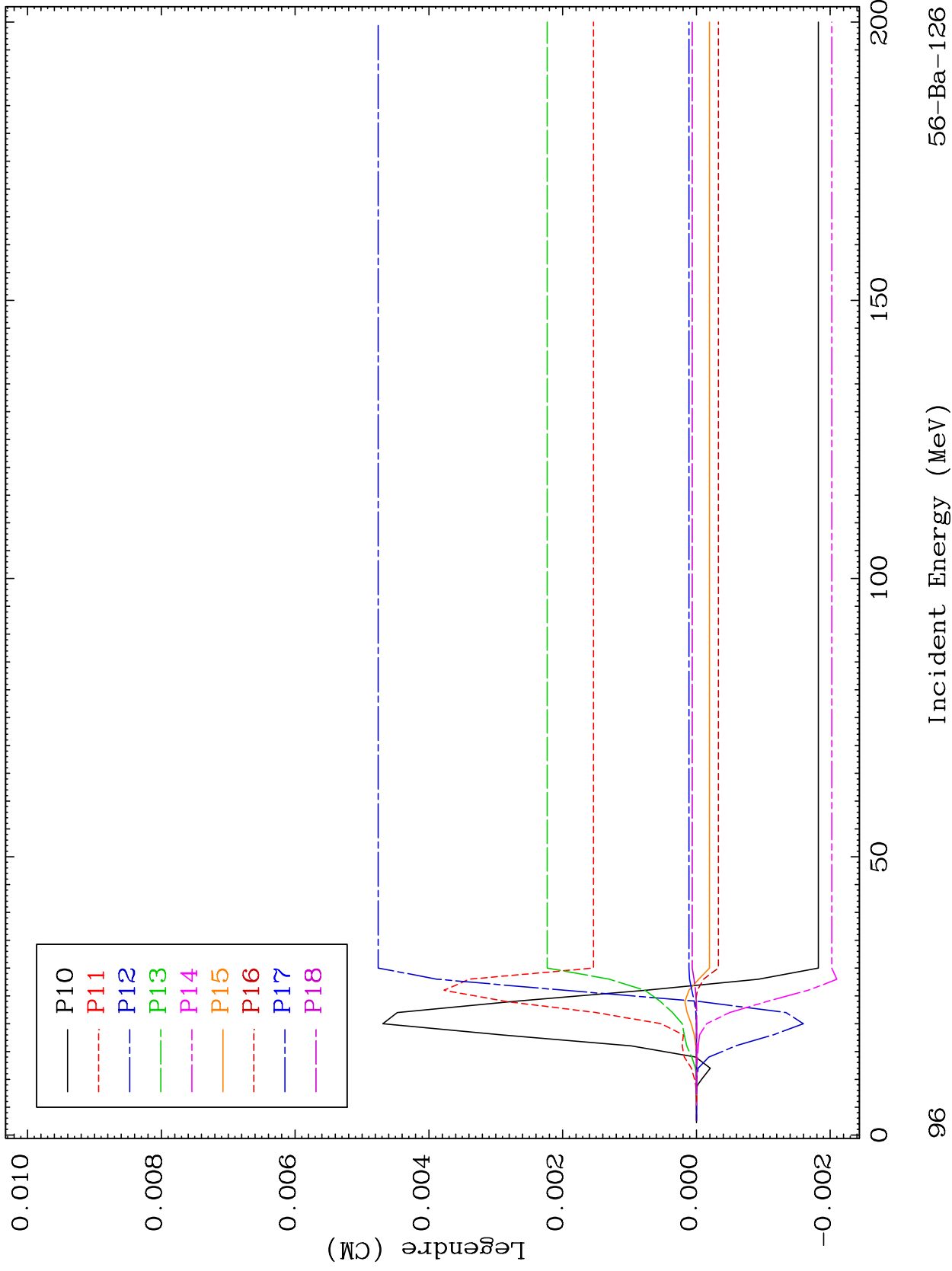
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



96

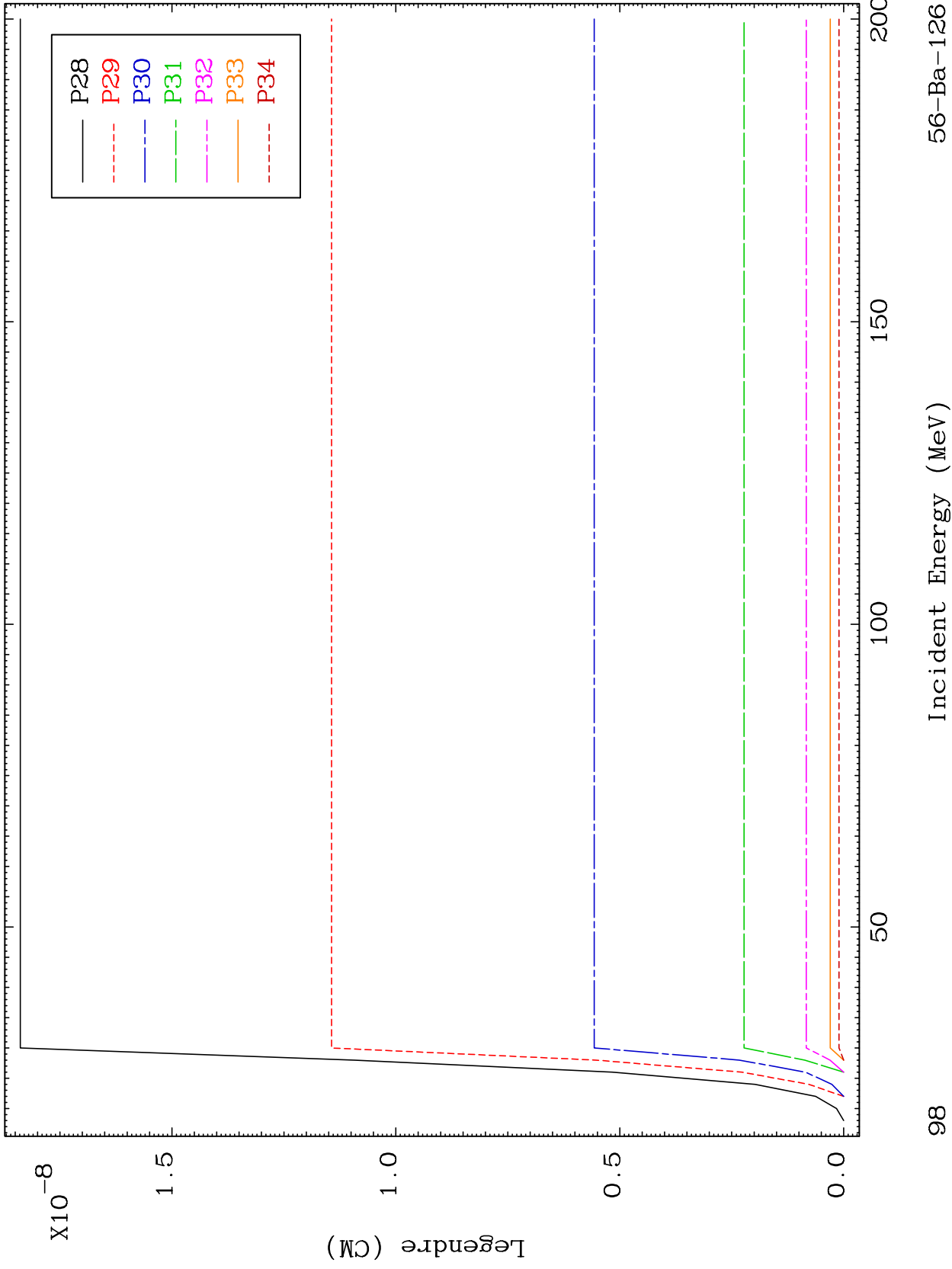
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

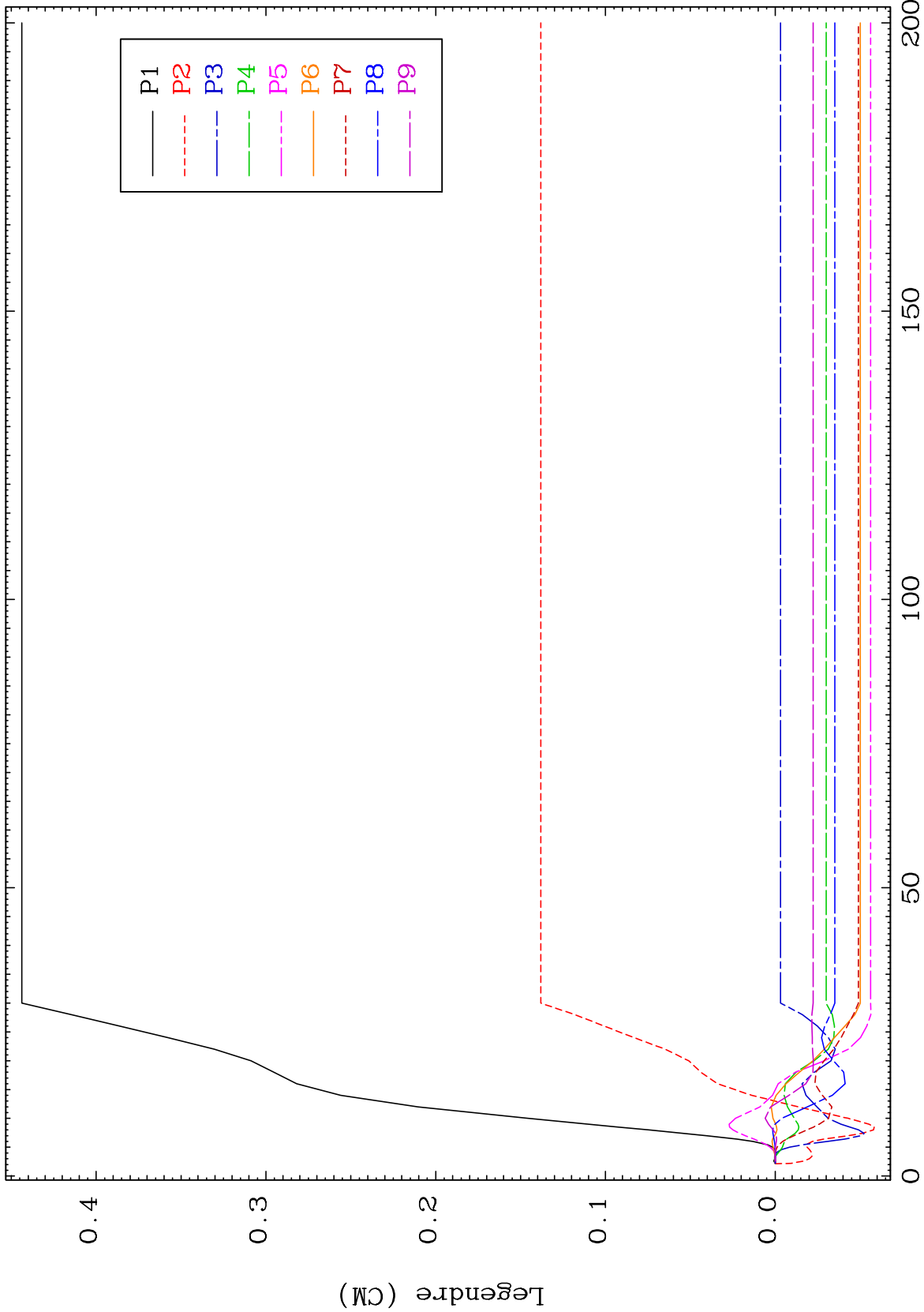
56-Ba-126



MAT 5613

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

56-Ba-126



99

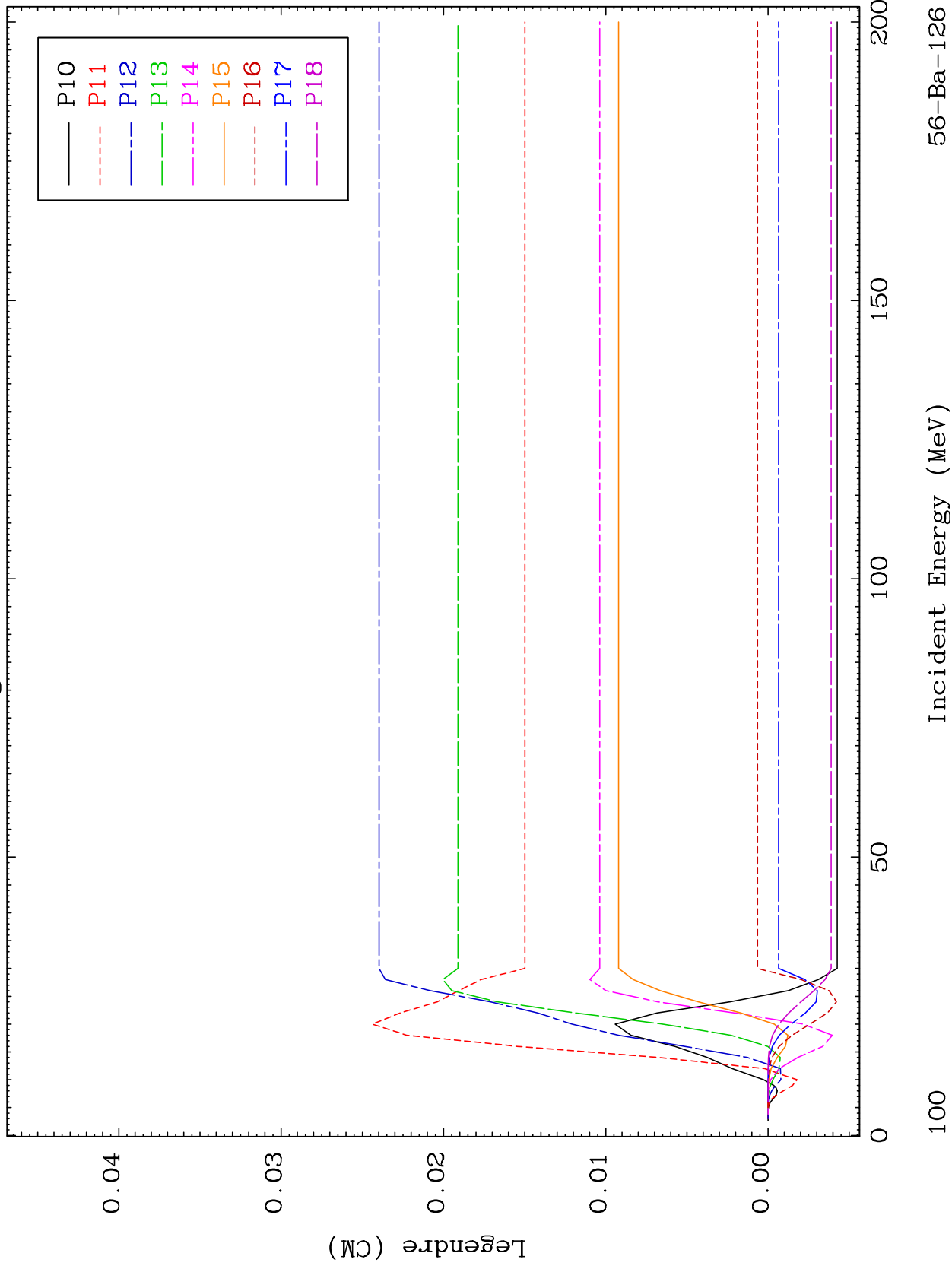
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

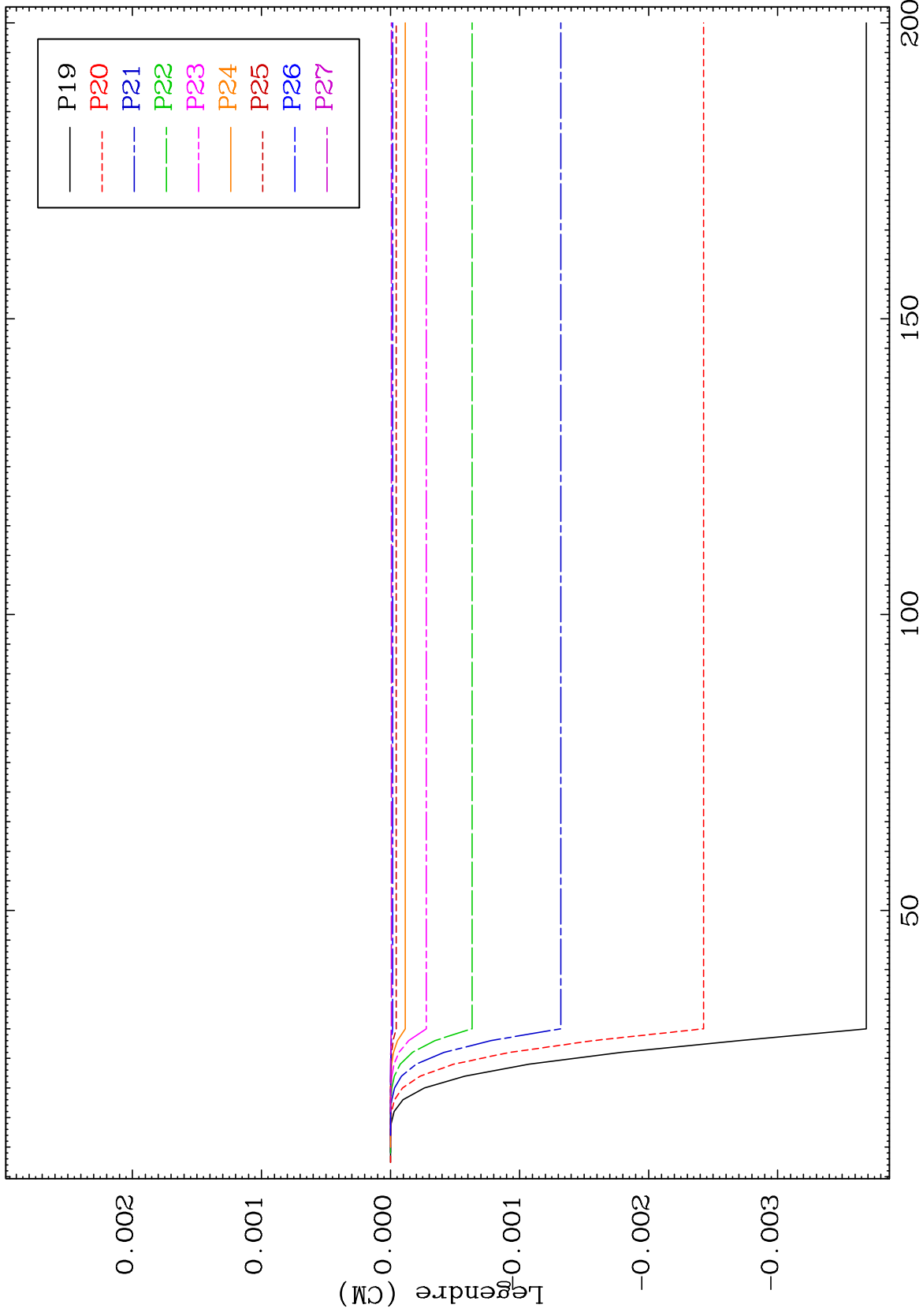
56-Ba-126



MAT 5613

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

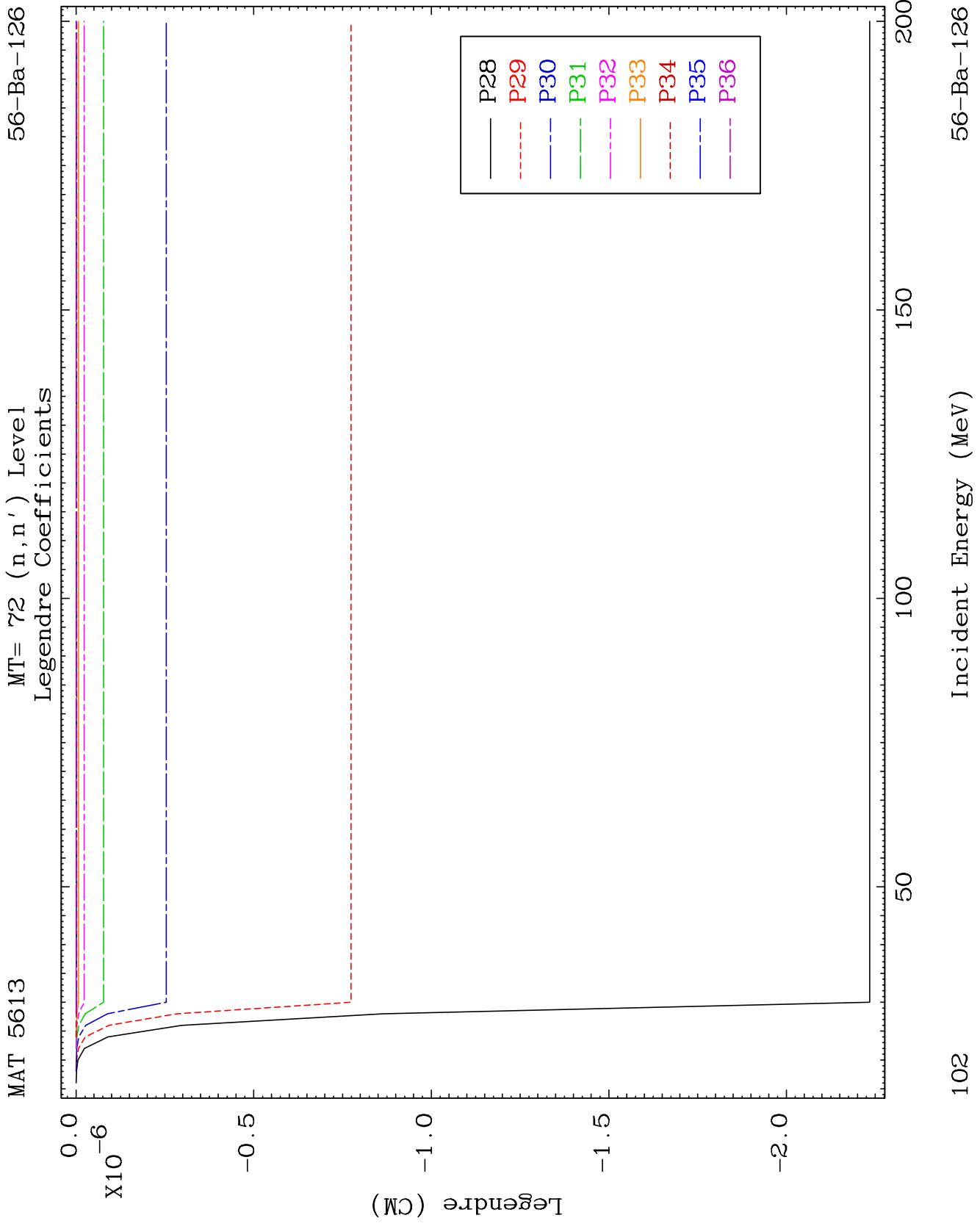
56-Ba-126

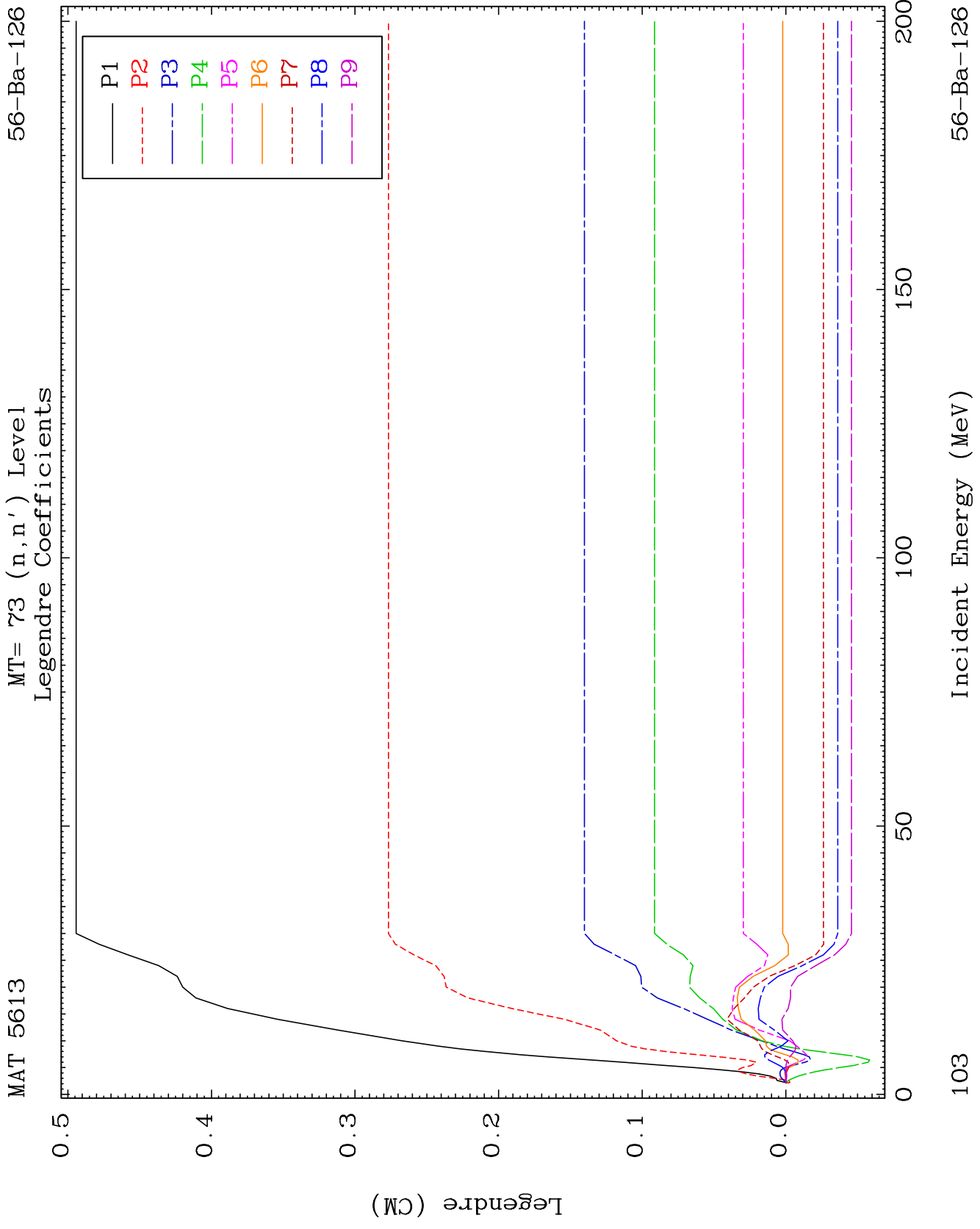


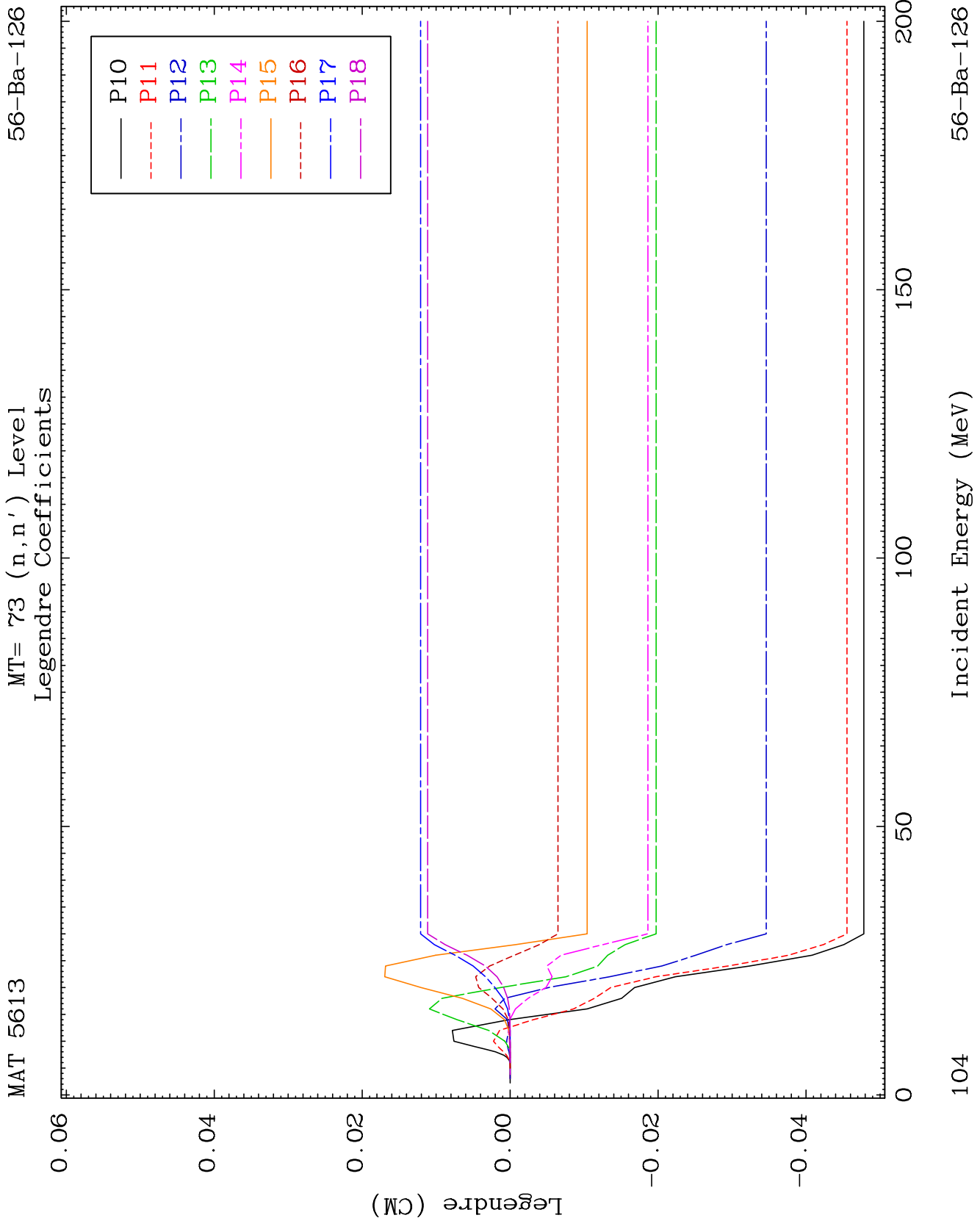
101

Incident Energy (MeV)

56-Ba-126



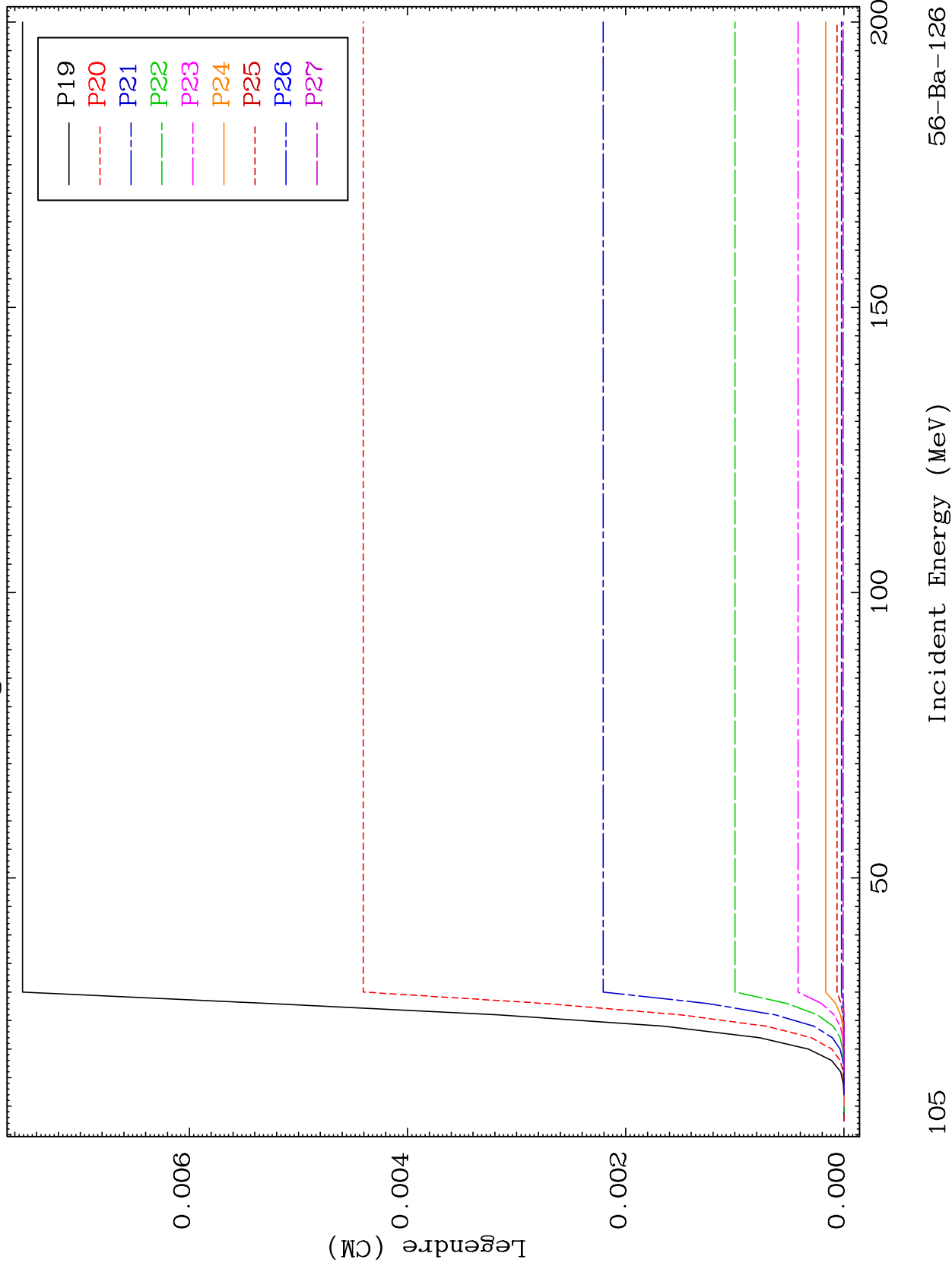




MAT 5613

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

56-Ba-126



105

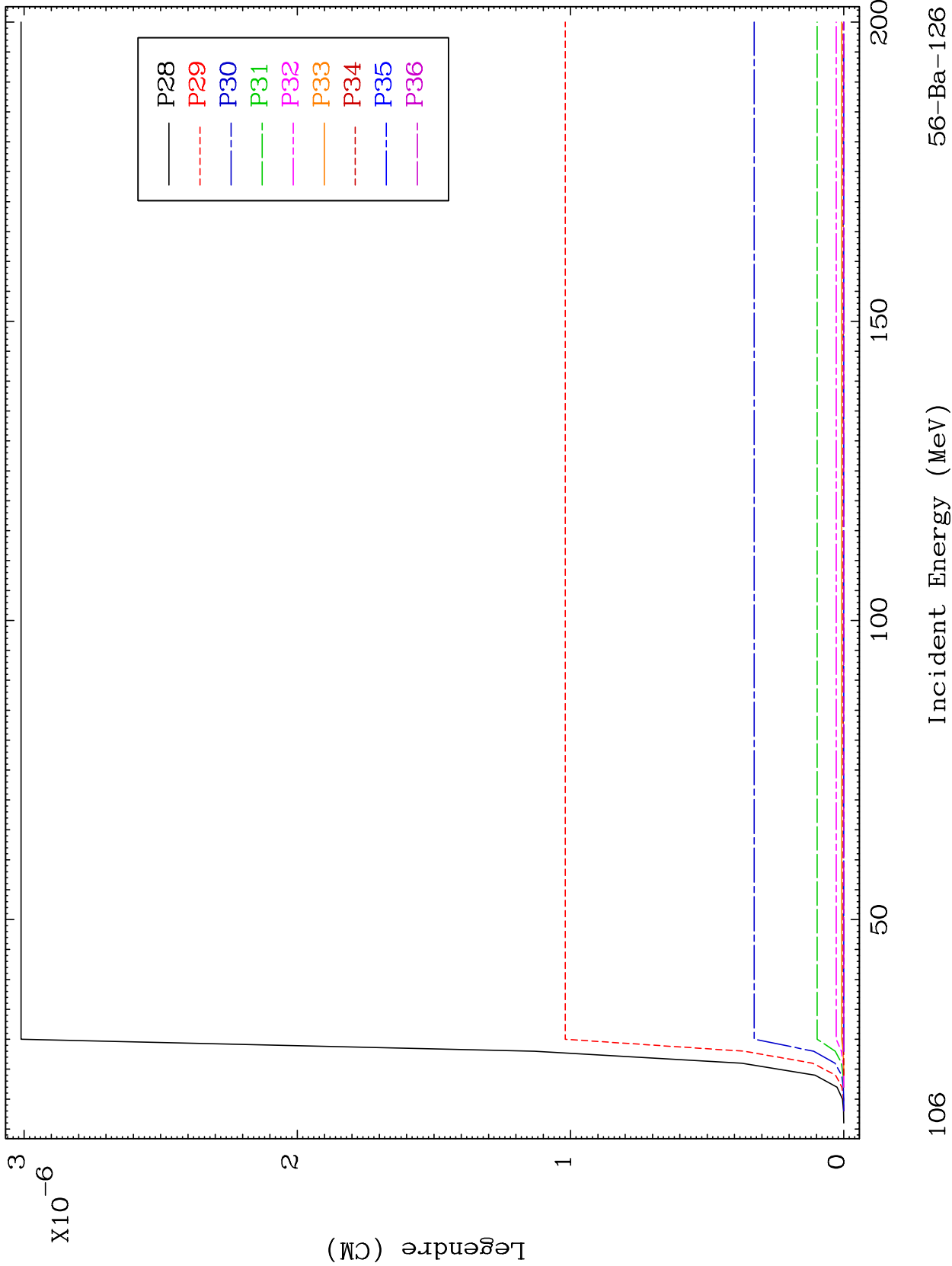
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



106

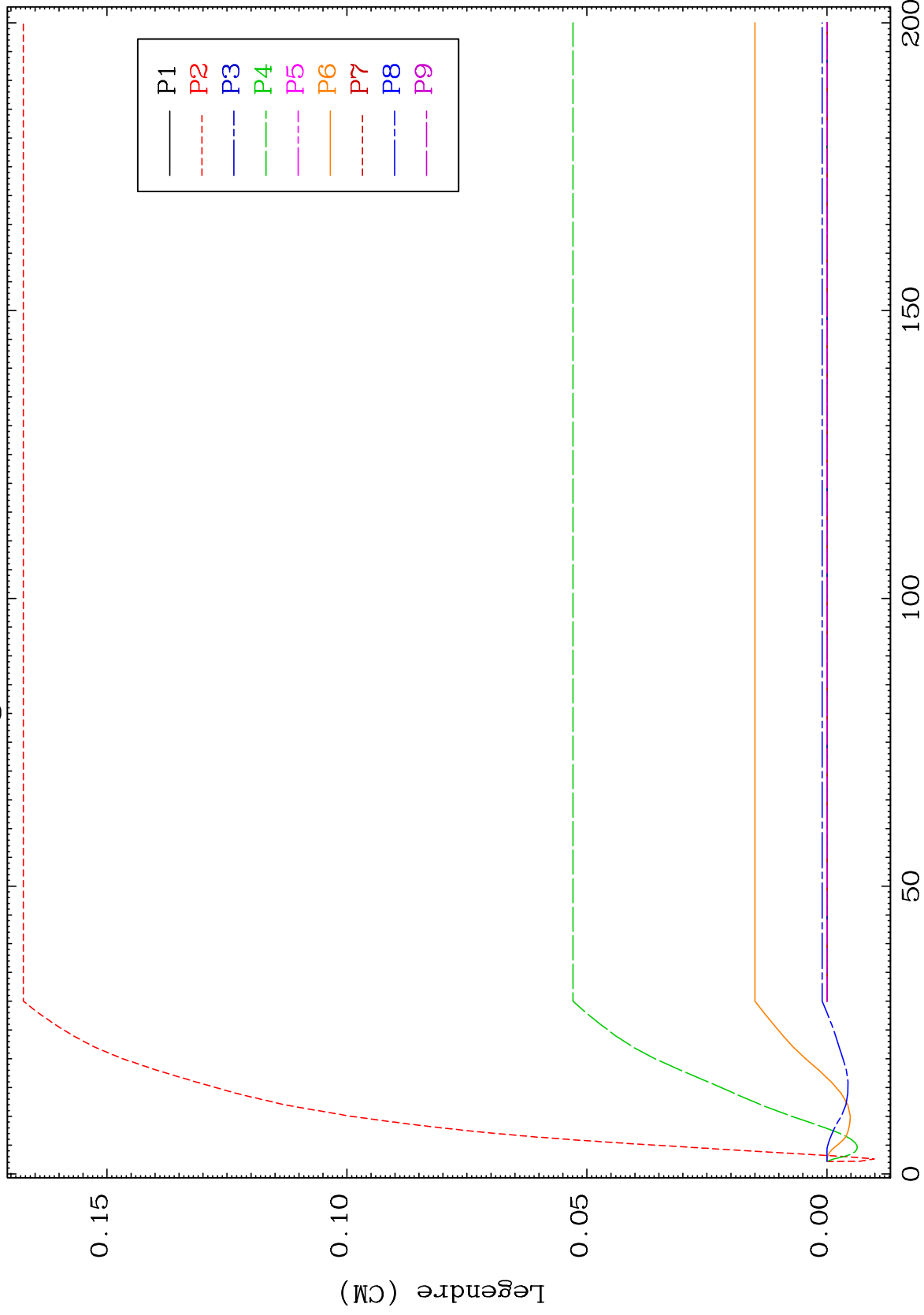
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



56-Ba-126

Incident Energy (MeV)

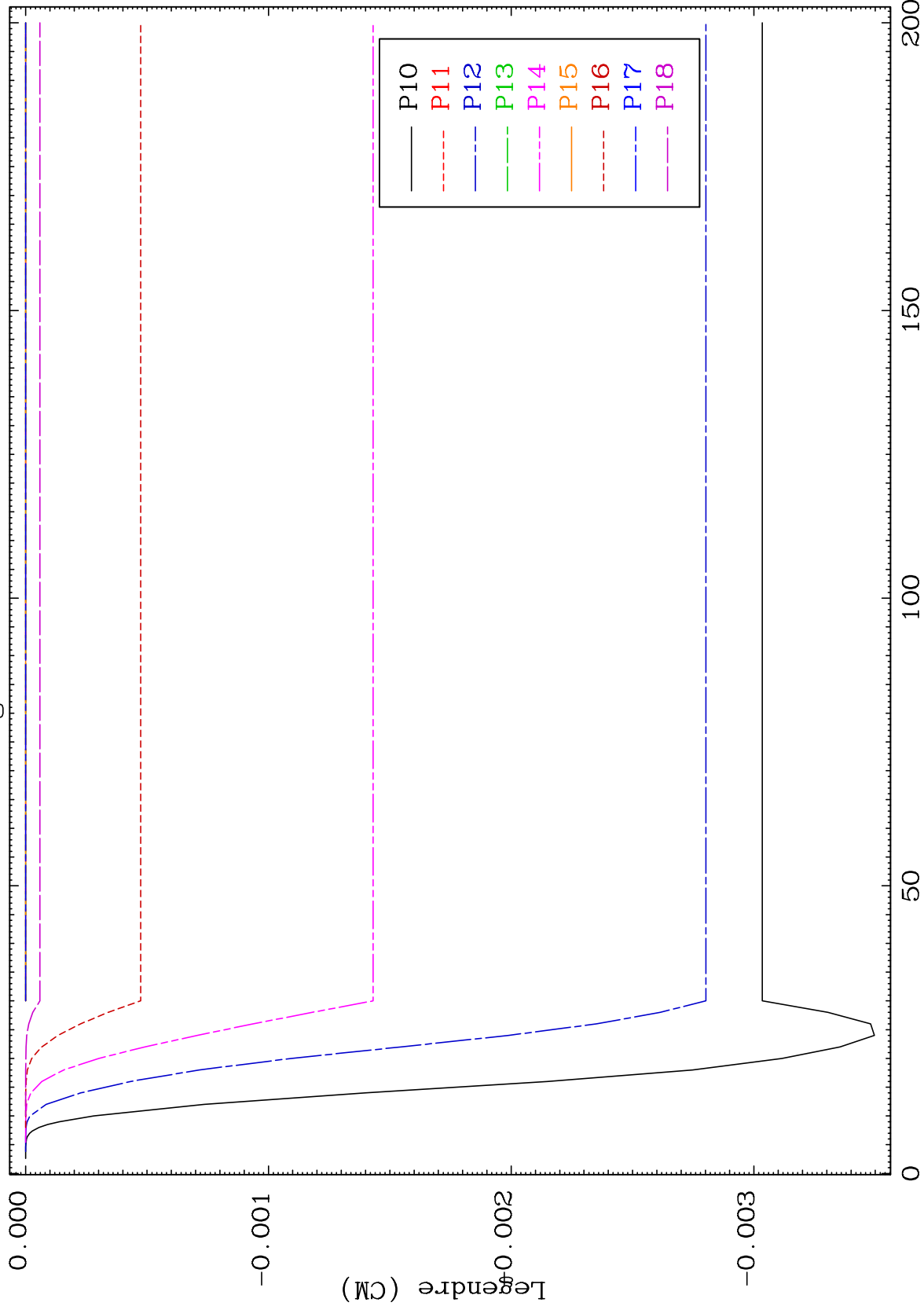
107

MAT 5613

MT= 74 (n,n') Level

Legendre Coefficients

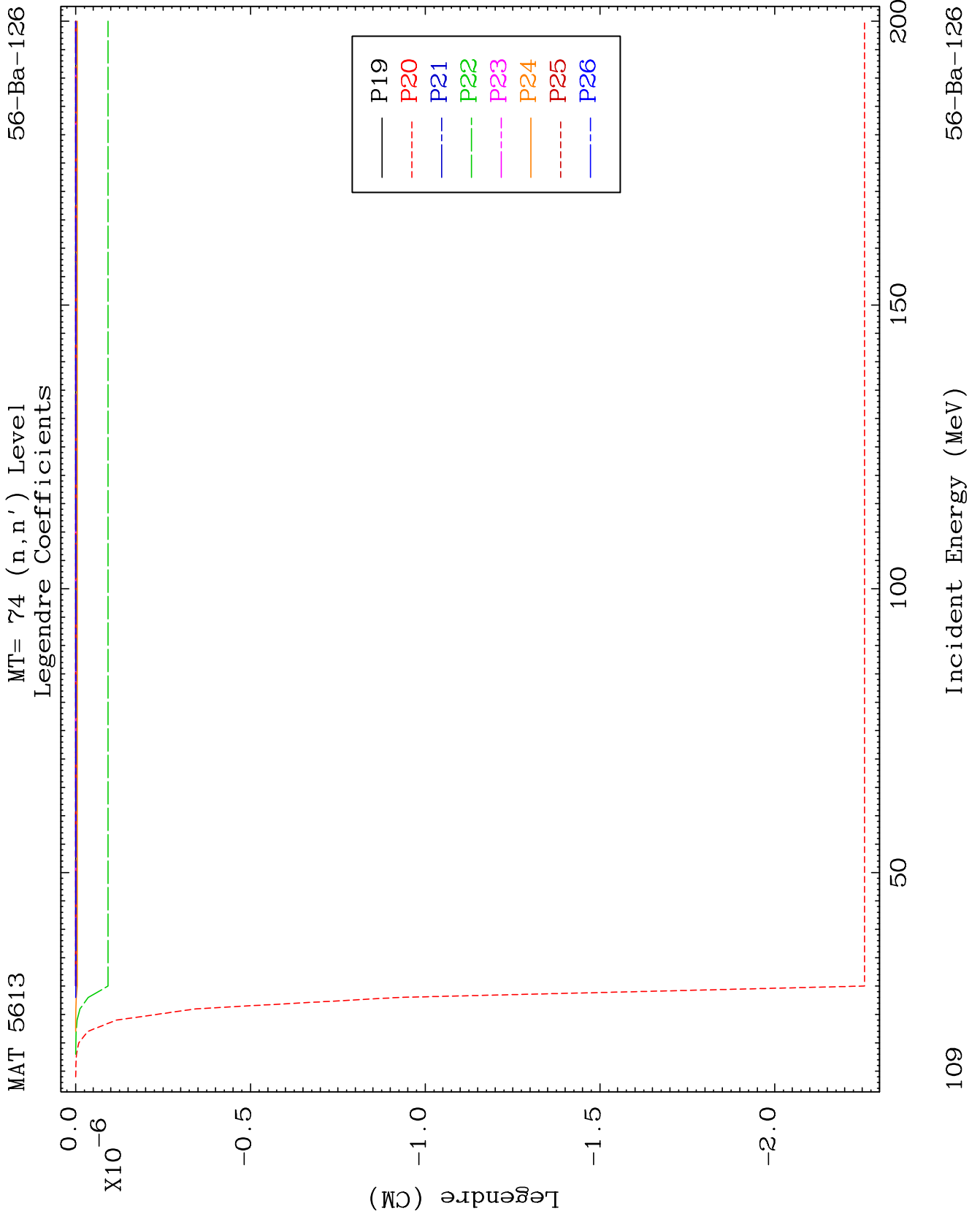
56-Ba-126



56-Ba-126

Incident Energy (MeV)

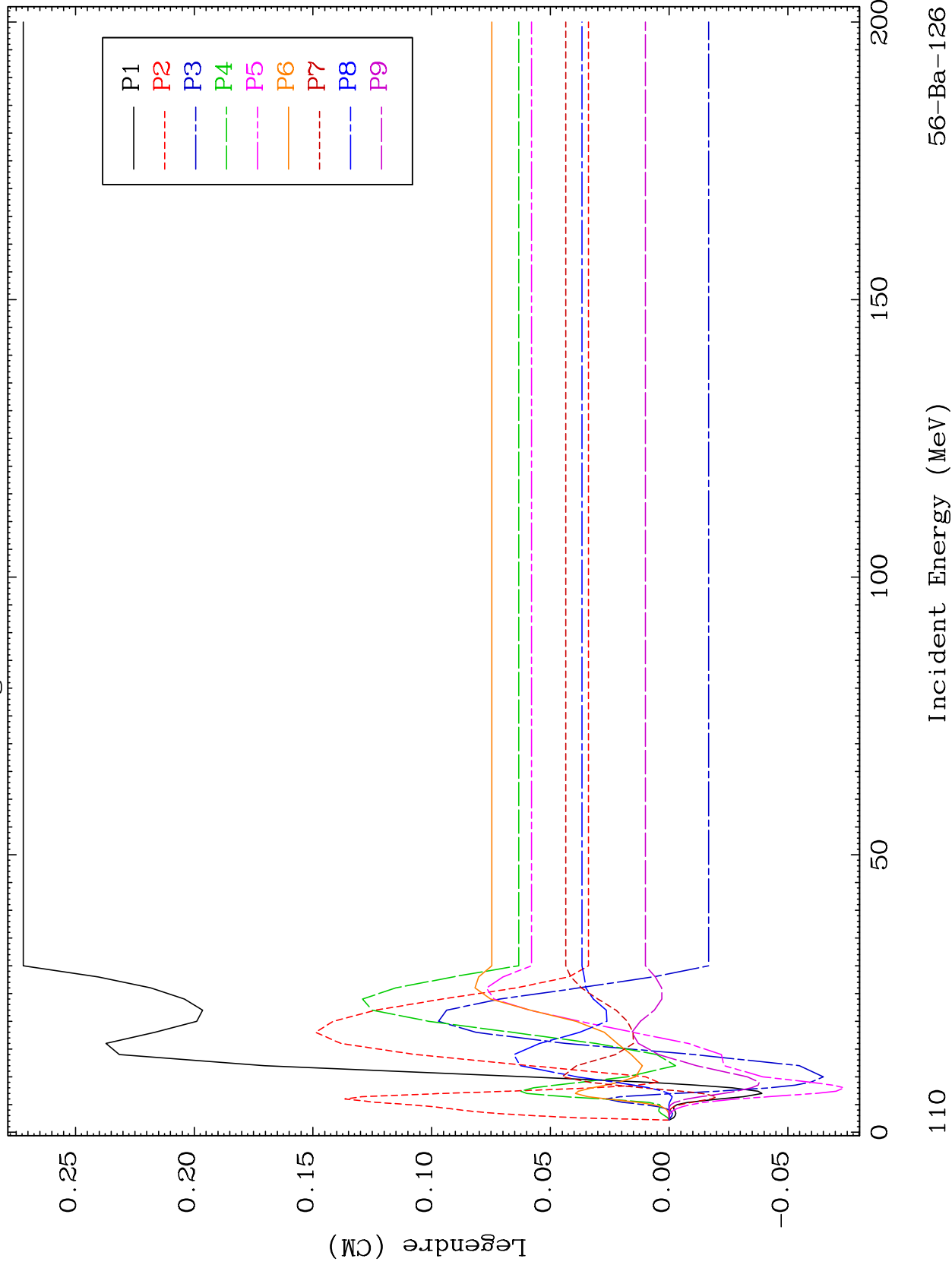
108



MAT 5613

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

56-Ba-126



56-Ba-126

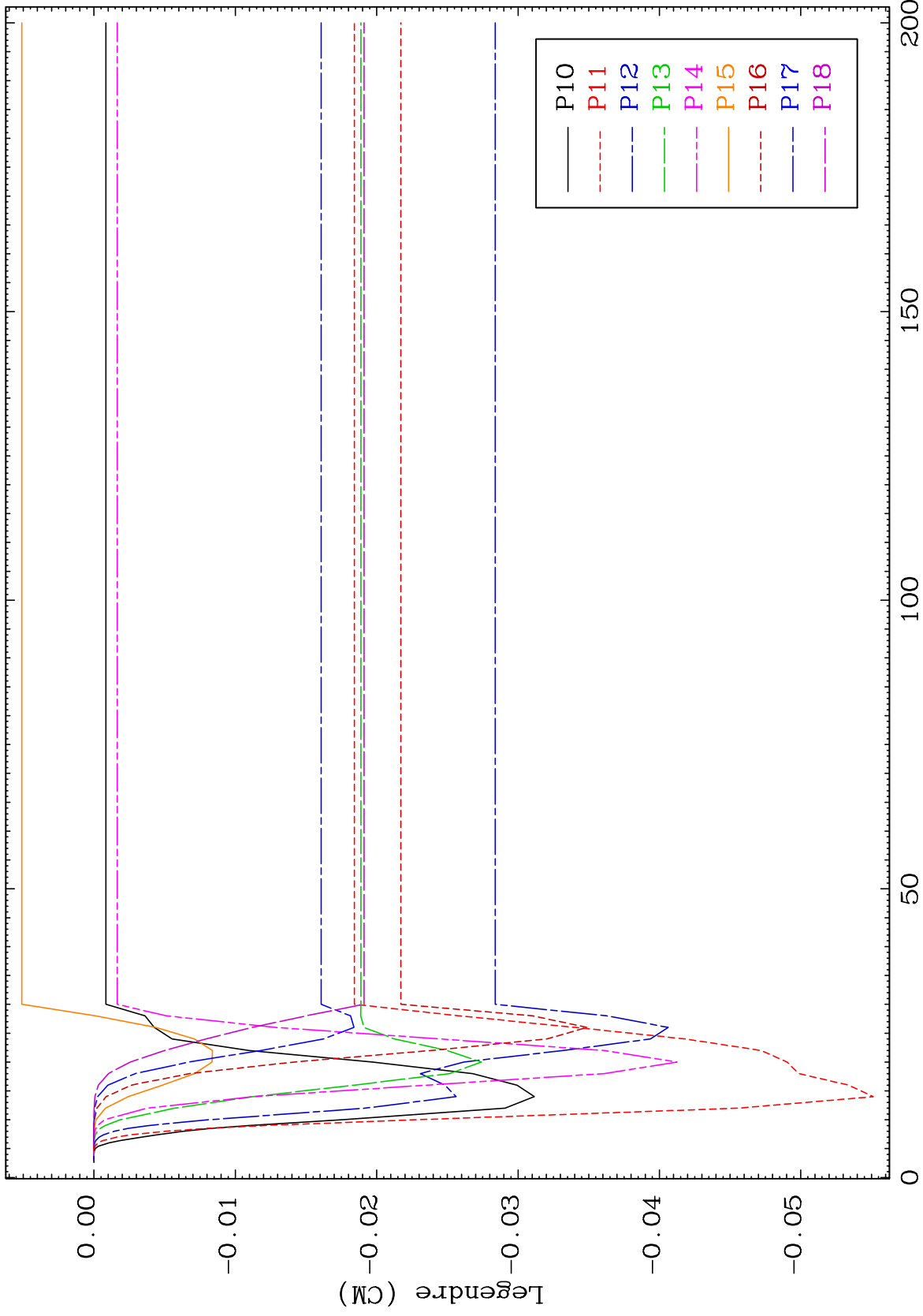
Incident Energy (MeV)

110

MAT 5613

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

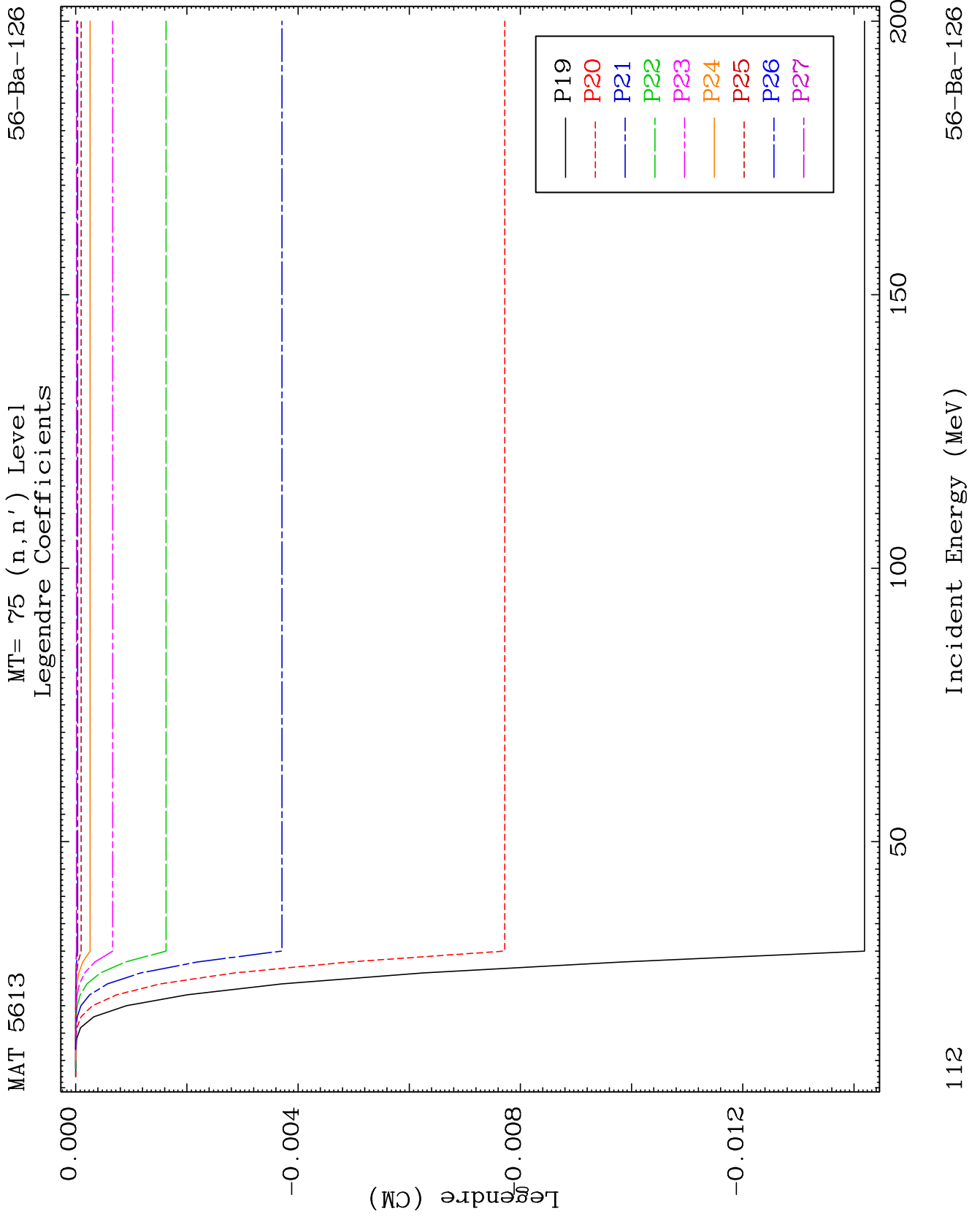
56-Ba-126

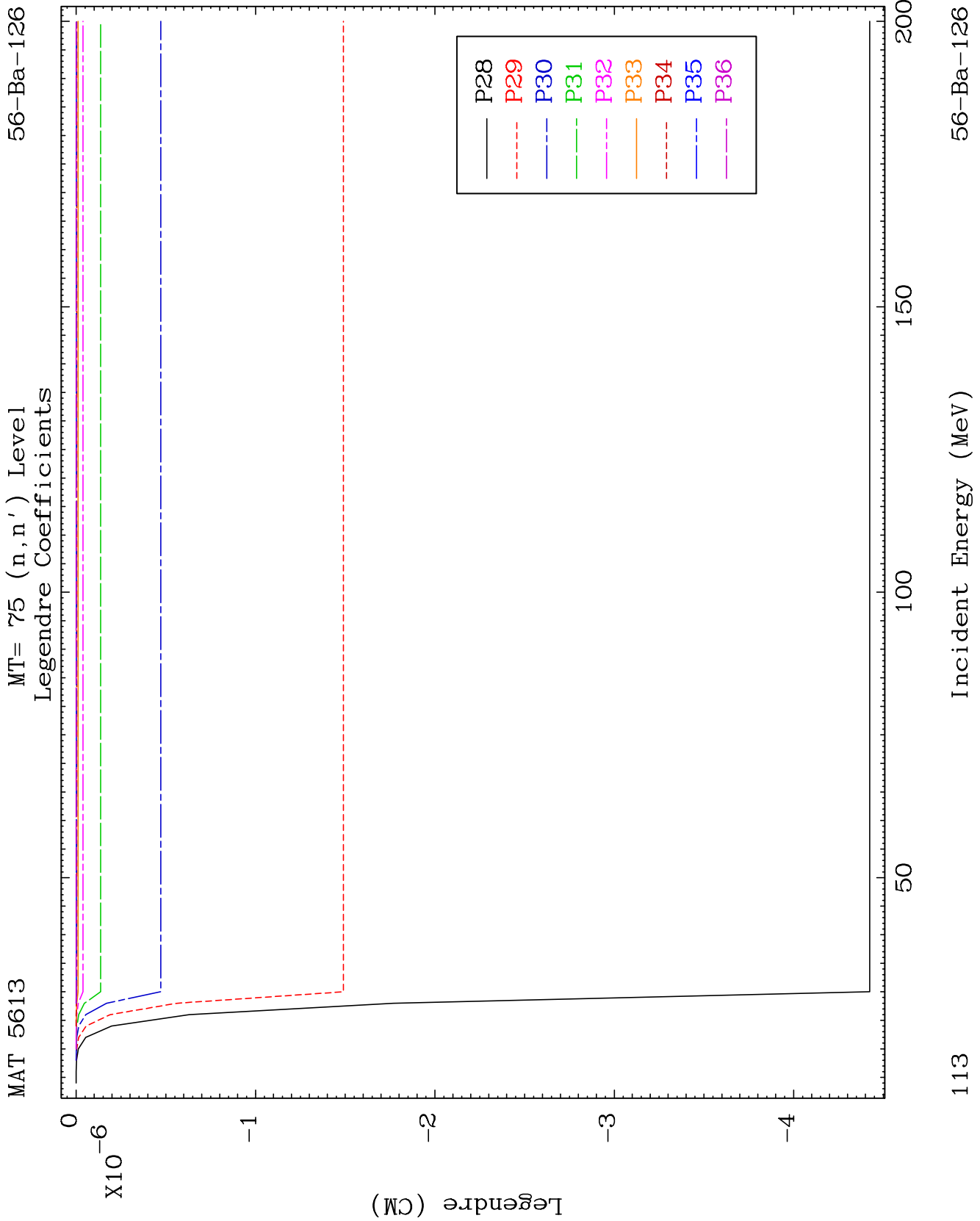


111

Incident Energy (MeV)

56-Ba-126

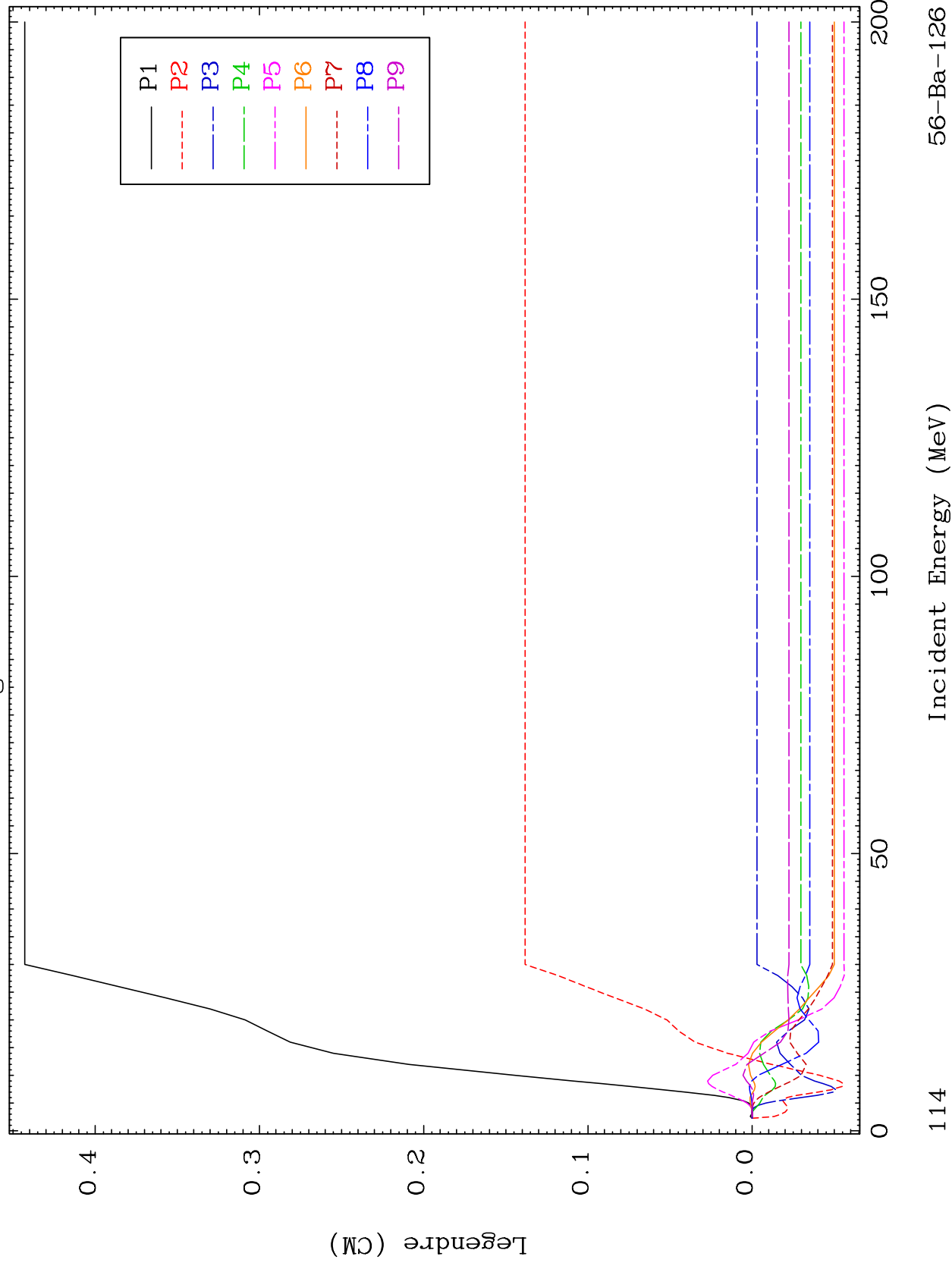




MAT 5613

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

56-Ba-126



114

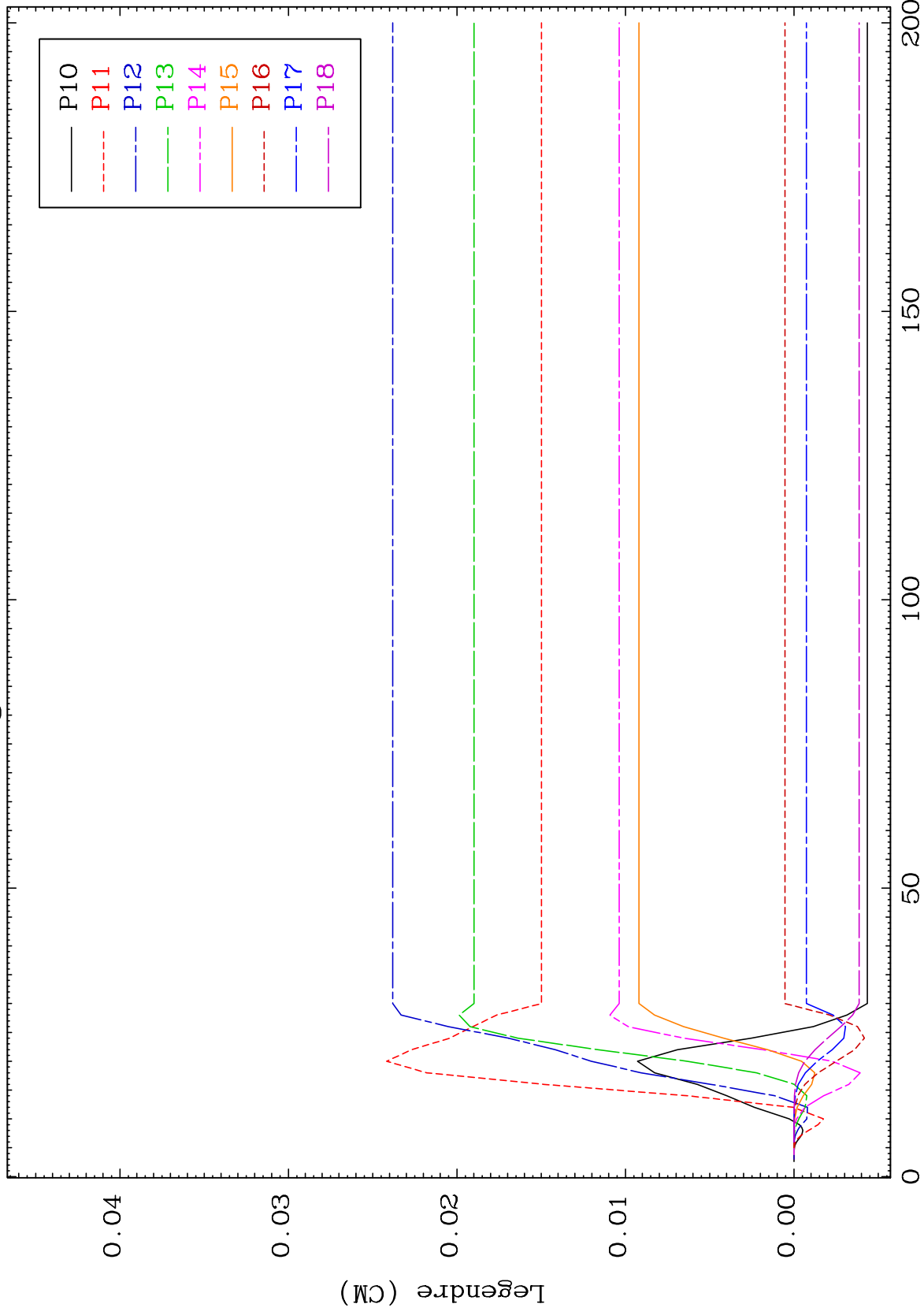
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



115

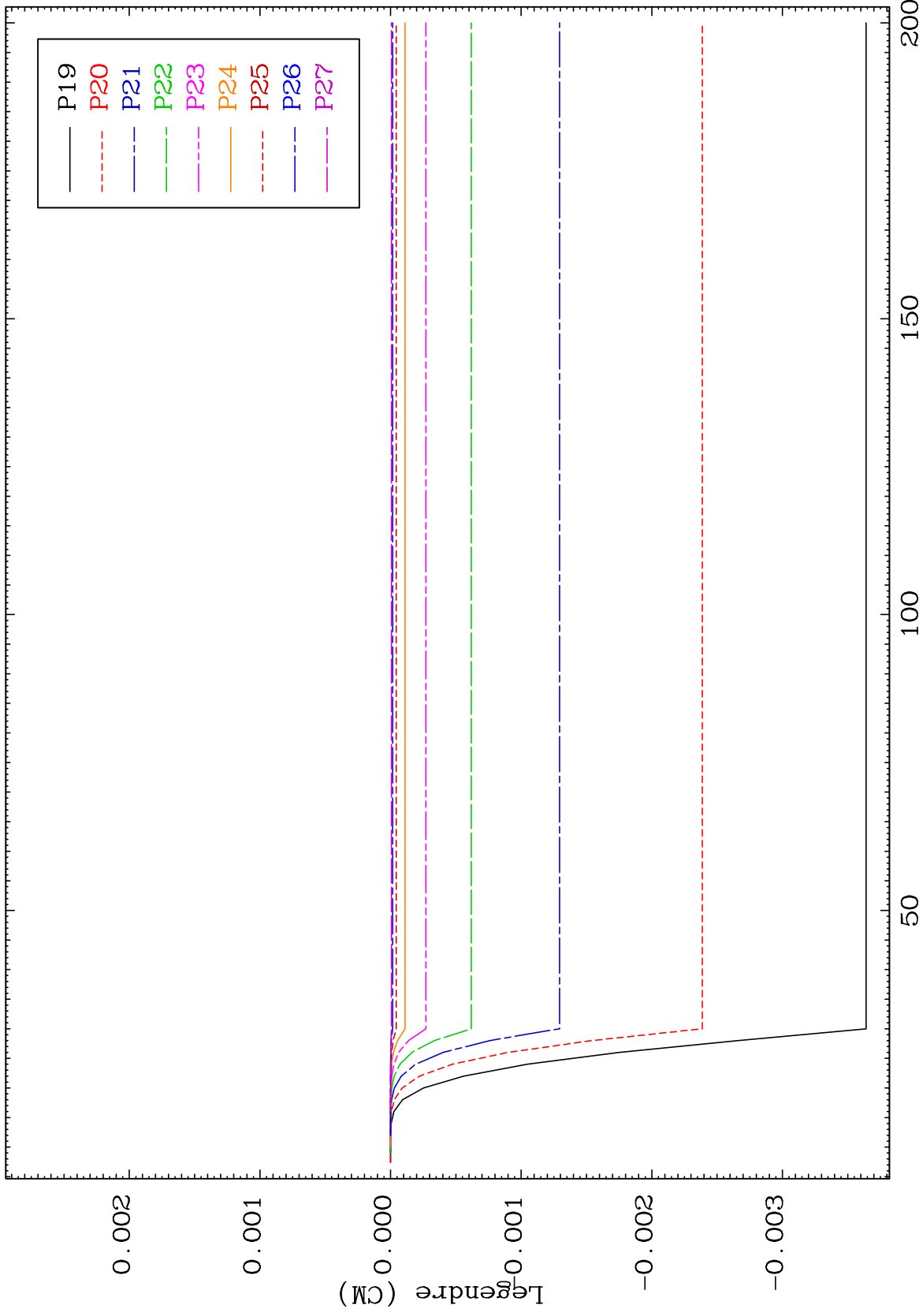
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



116

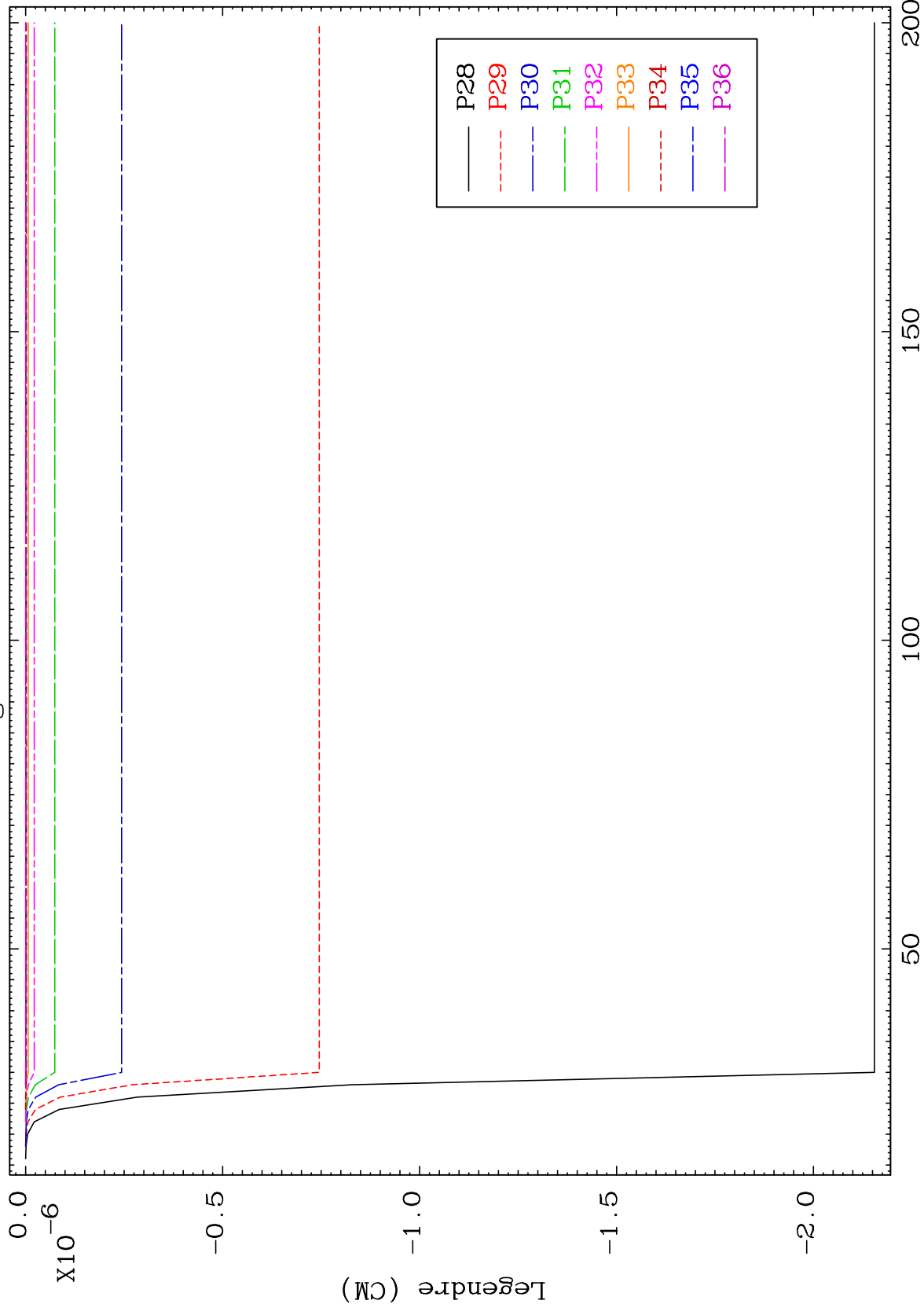
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



117

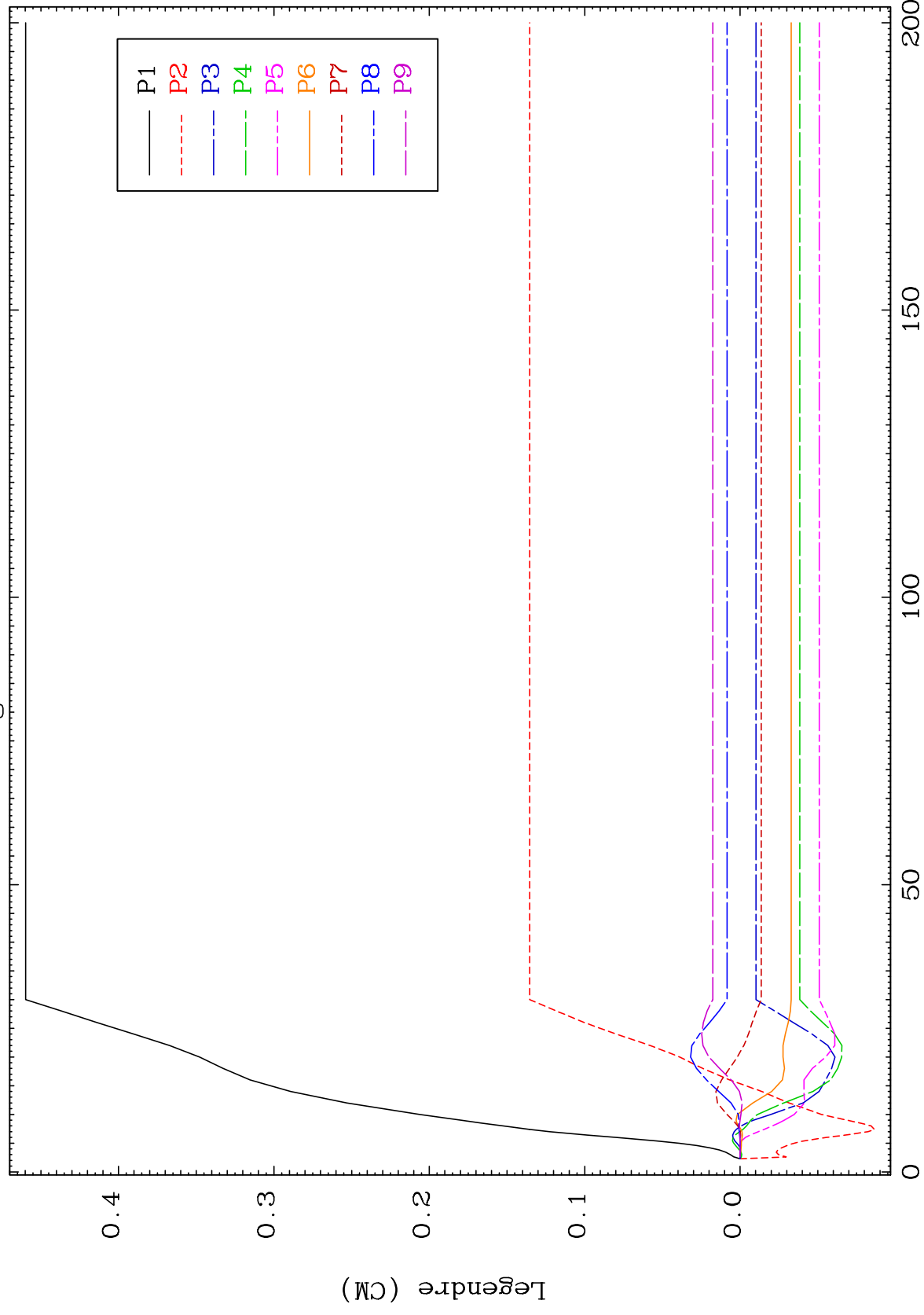
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



56-Ba-126

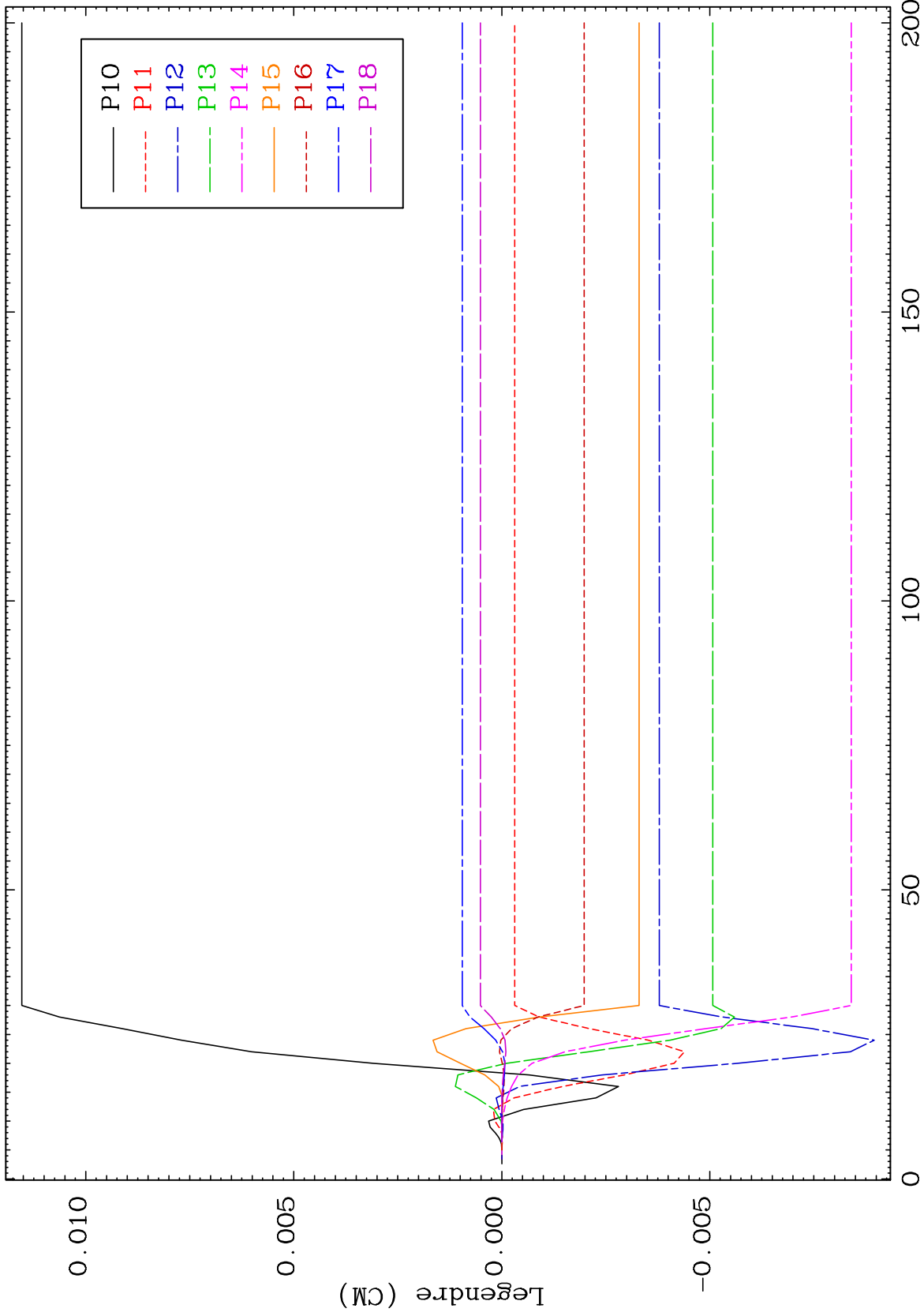
Incident Energy (MeV)

118

MAT 5613

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

56-Ba-126



119

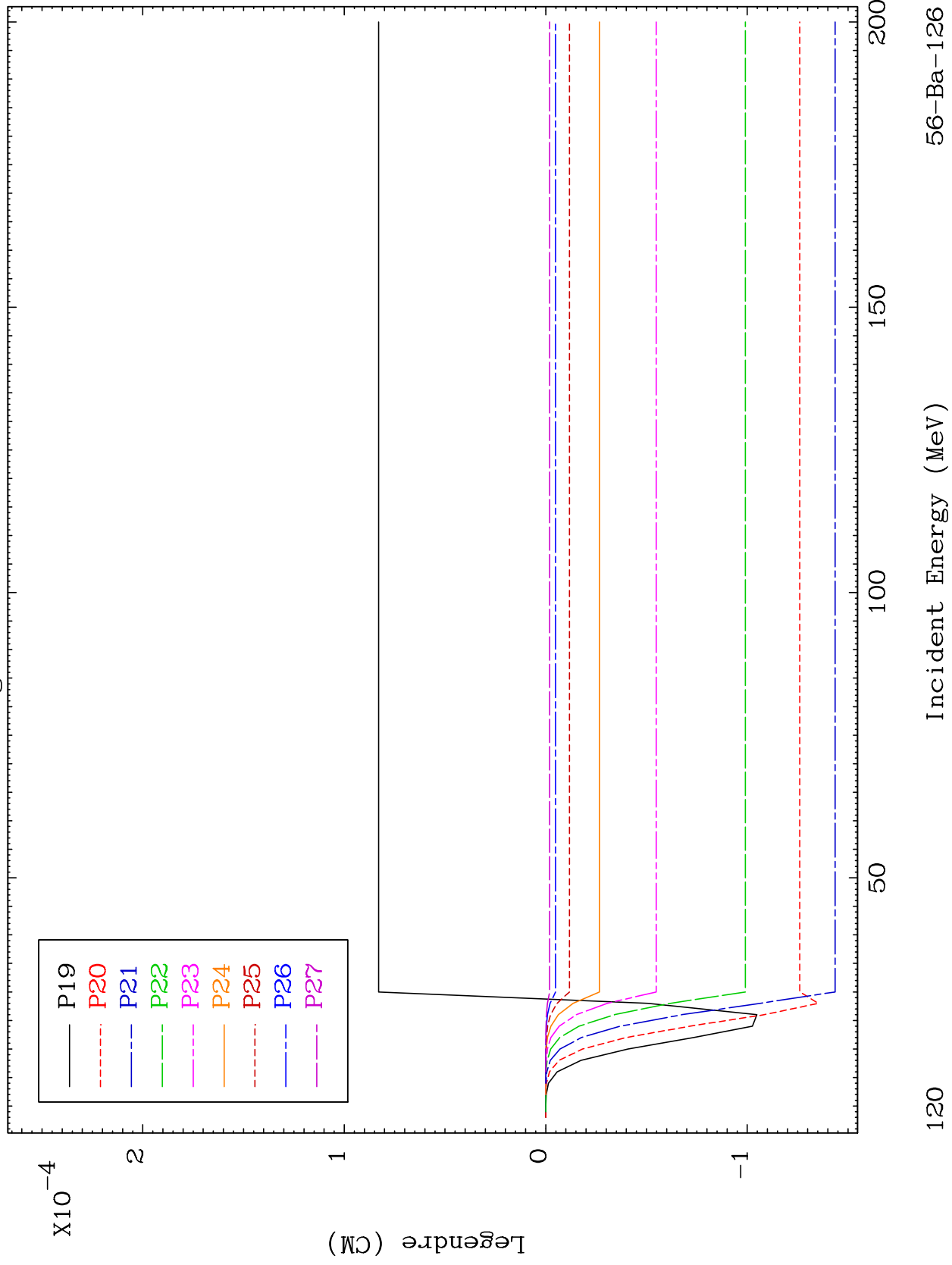
Incident Energy (MeV)

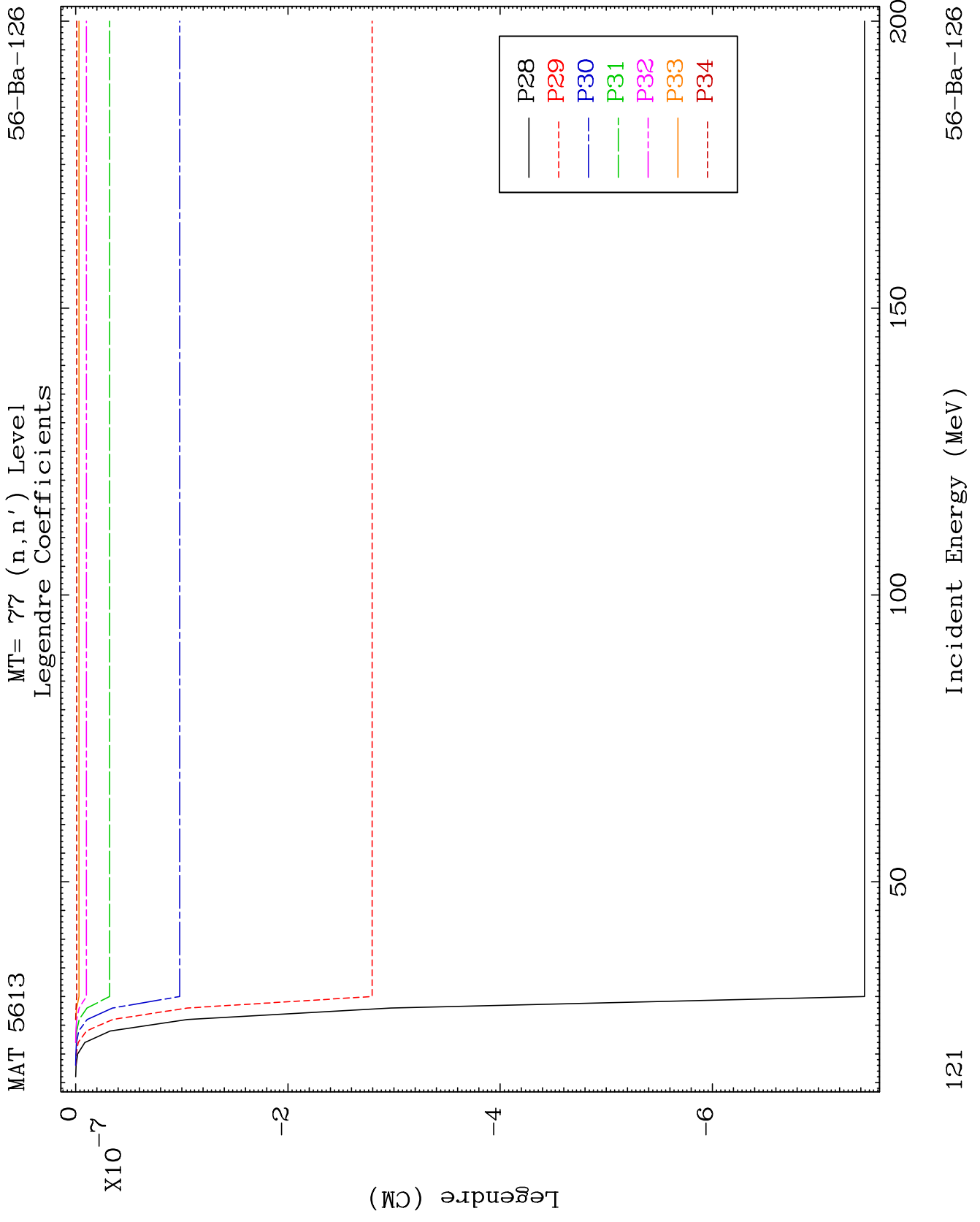
56-Ba-126

MAT 5613

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

56-Ba-126

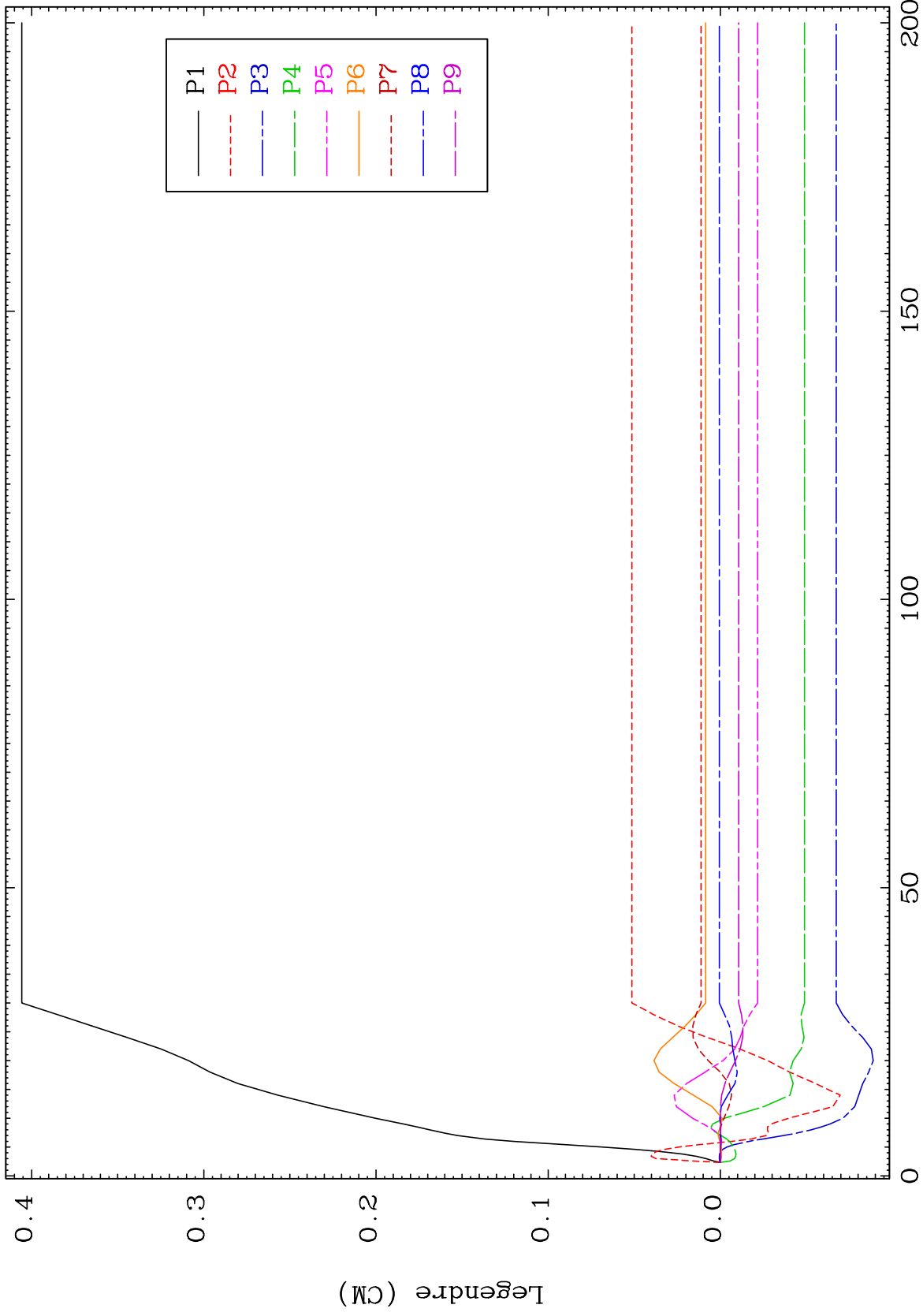




MAT 5613

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

56-Ba-126



56-Ba-126

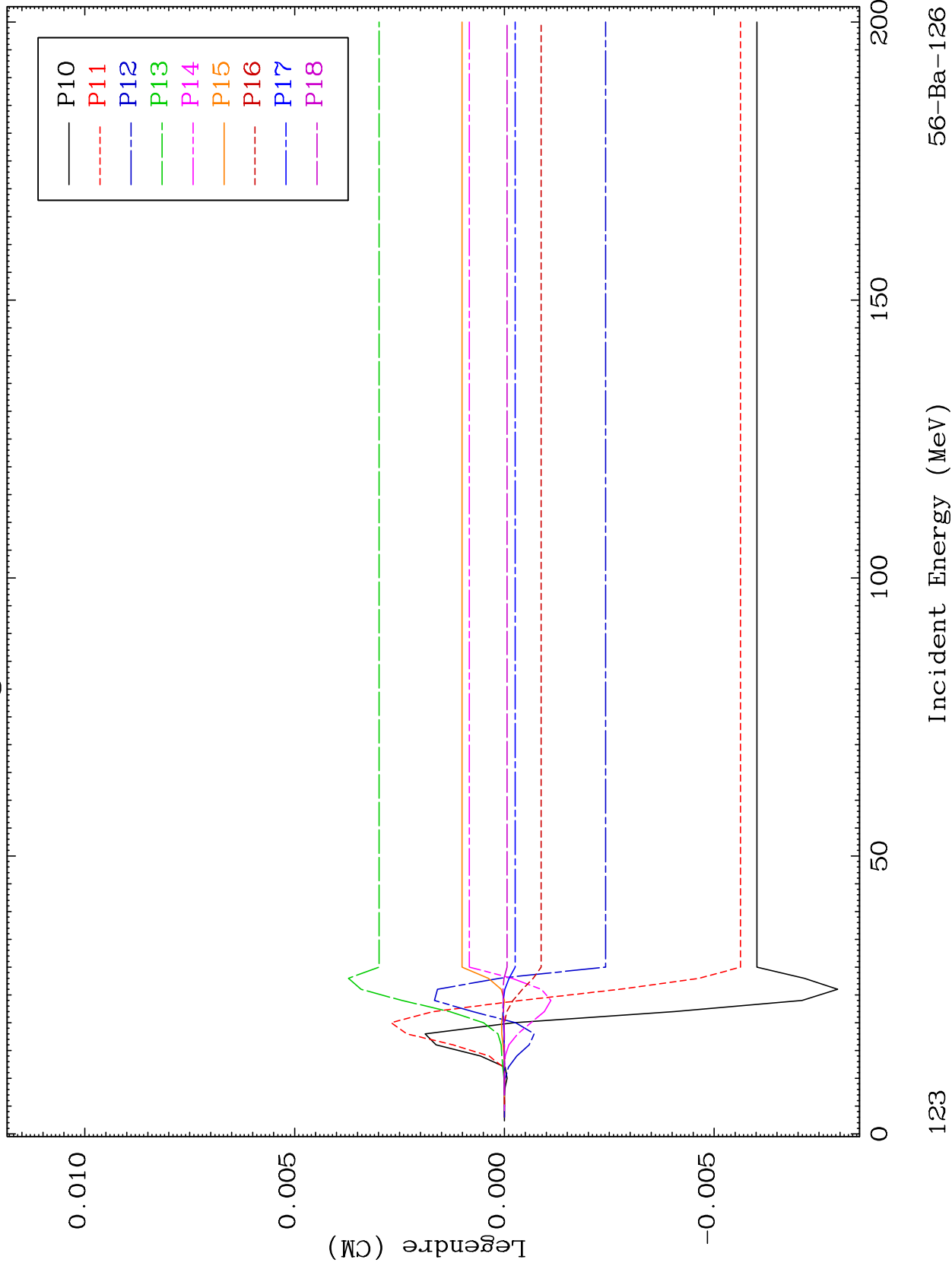
Incident Energy (MeV)

122

MAT 5613

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

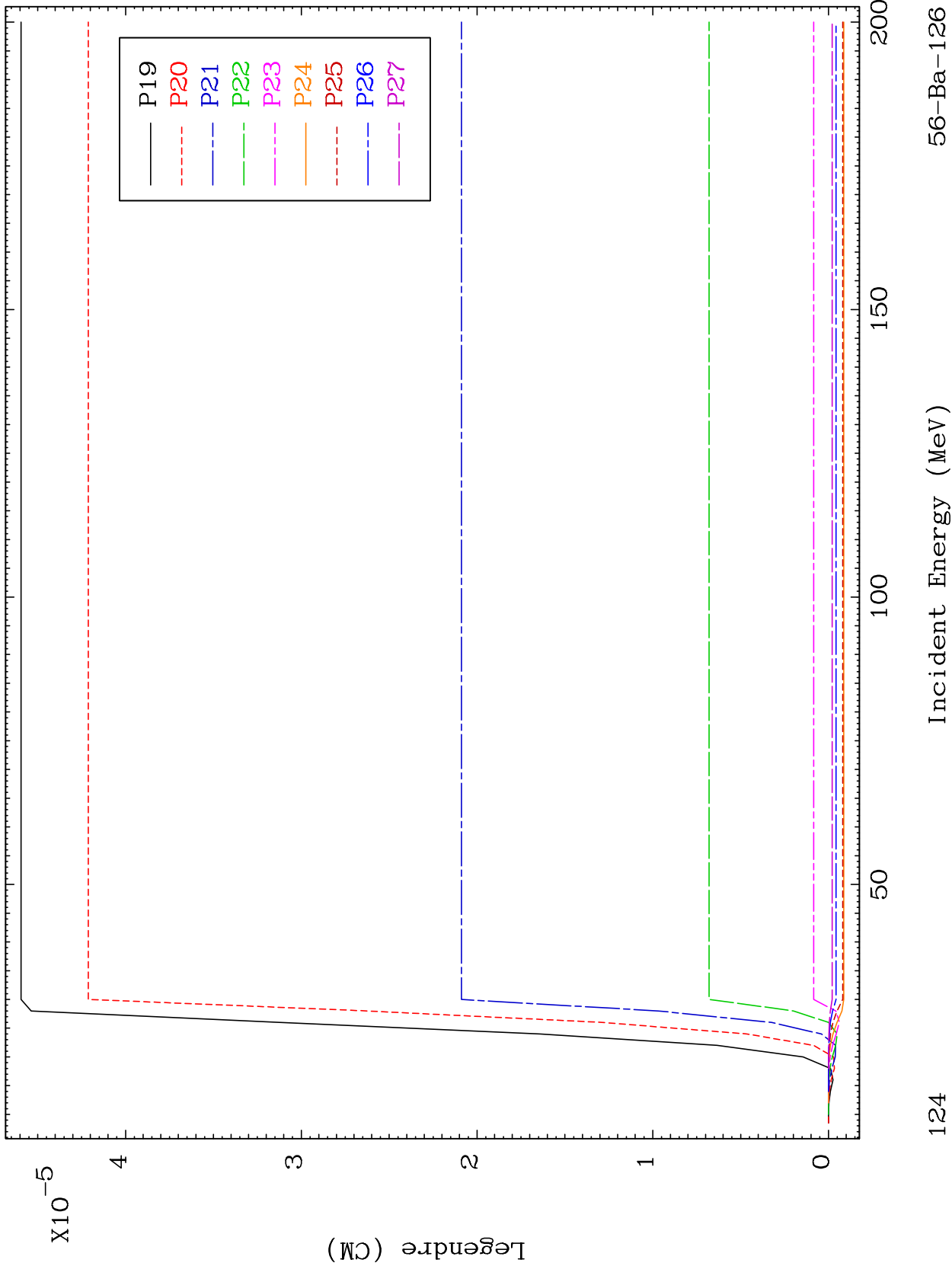
56-Ba-126



MAT 5613

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

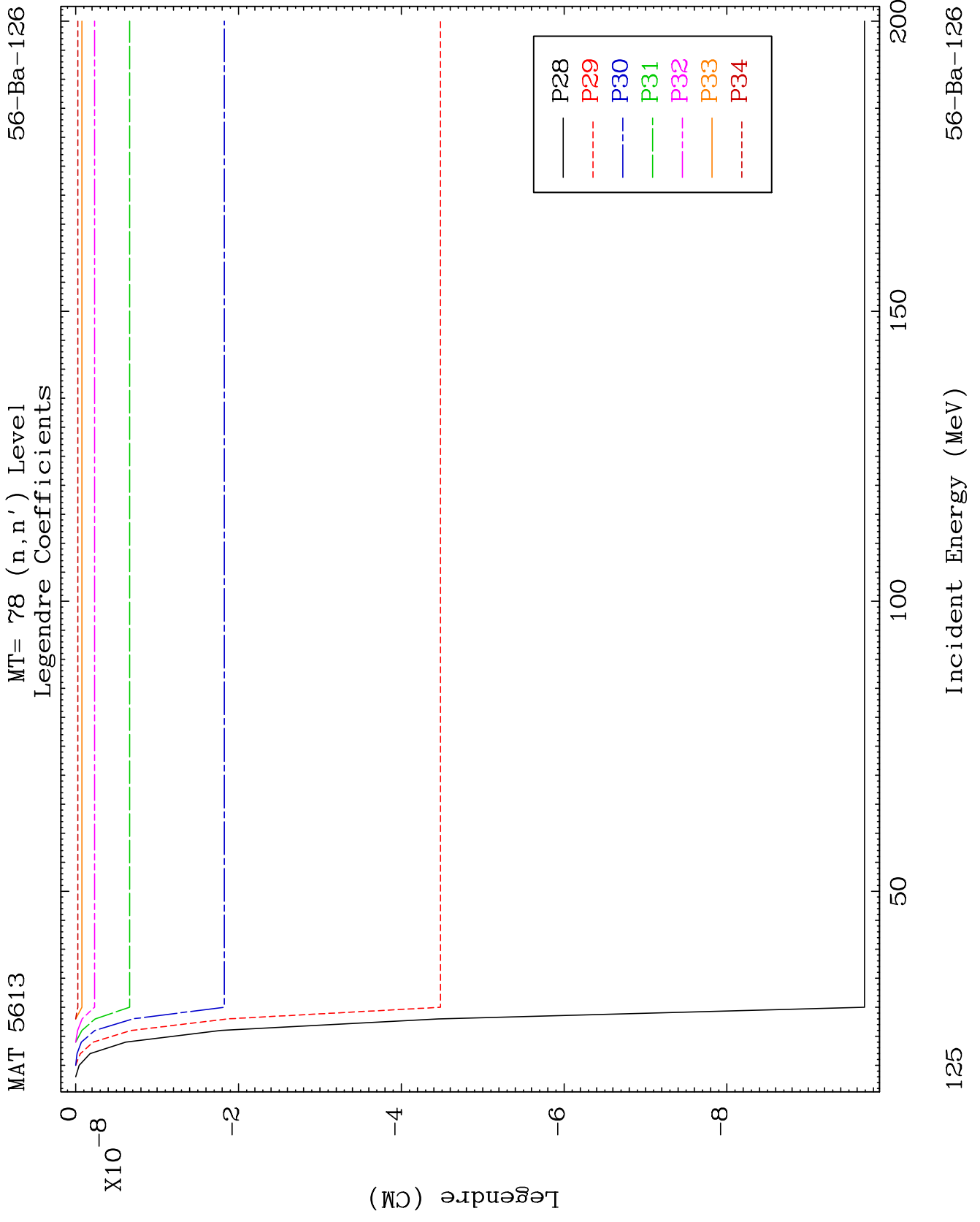
56-Ba-126



124

Incident Energy (MeV)

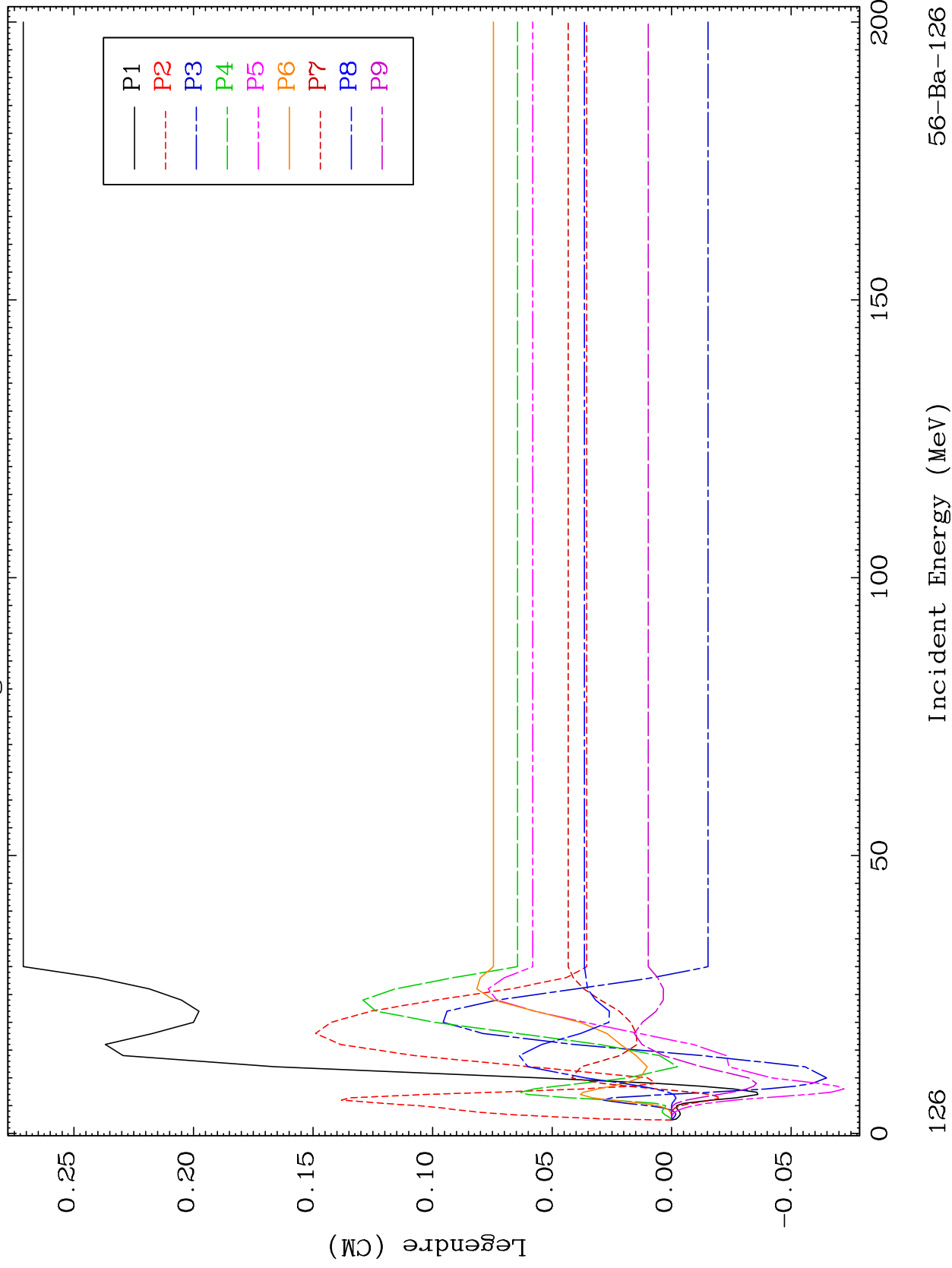
56-Ba-126



MAT 5613

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

56-Ba-126



56-Ba-126

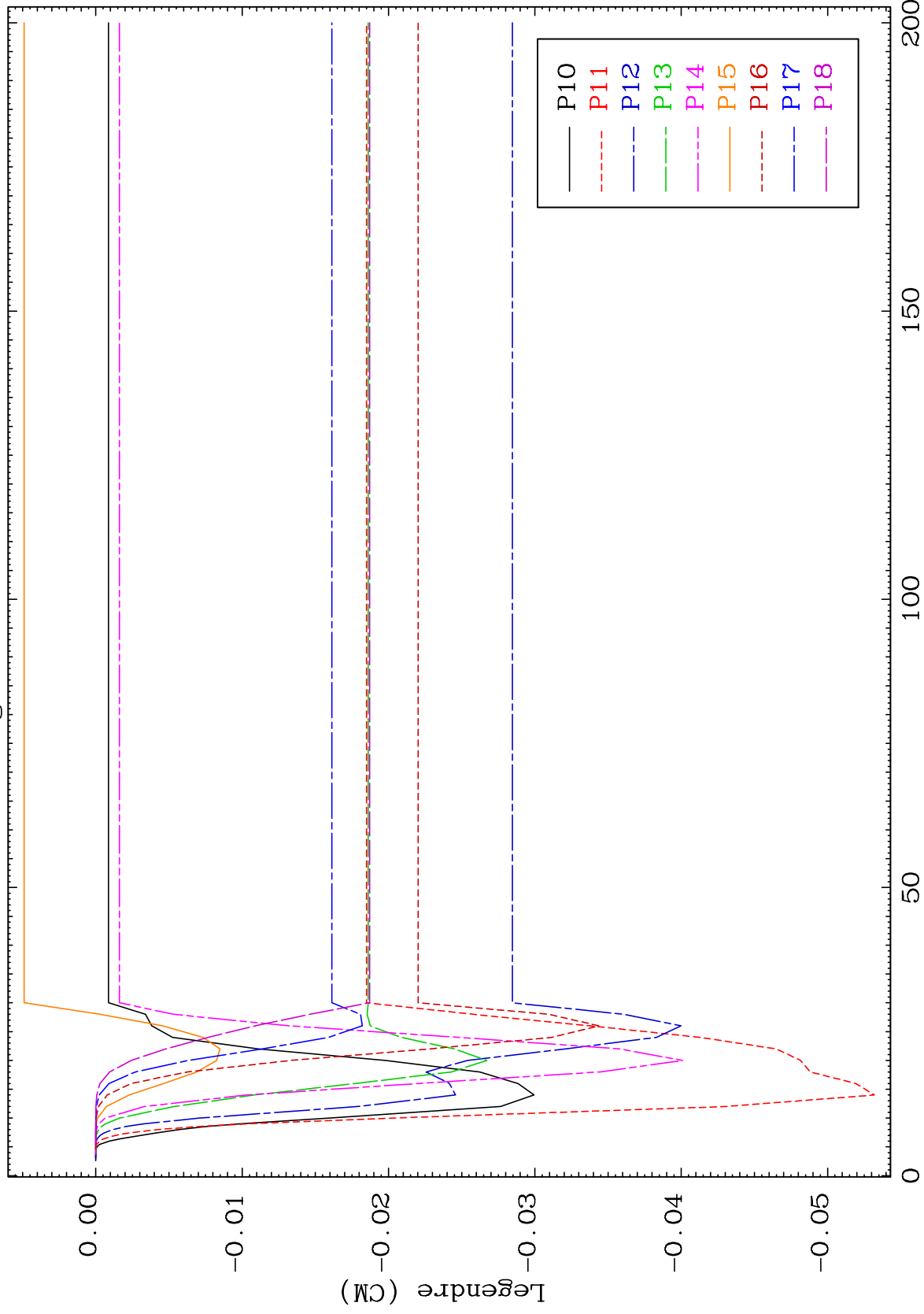
Incident Energy (MeV)

126

MAT 5613

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

56-Ba-126



127

Incident Energy (MeV)

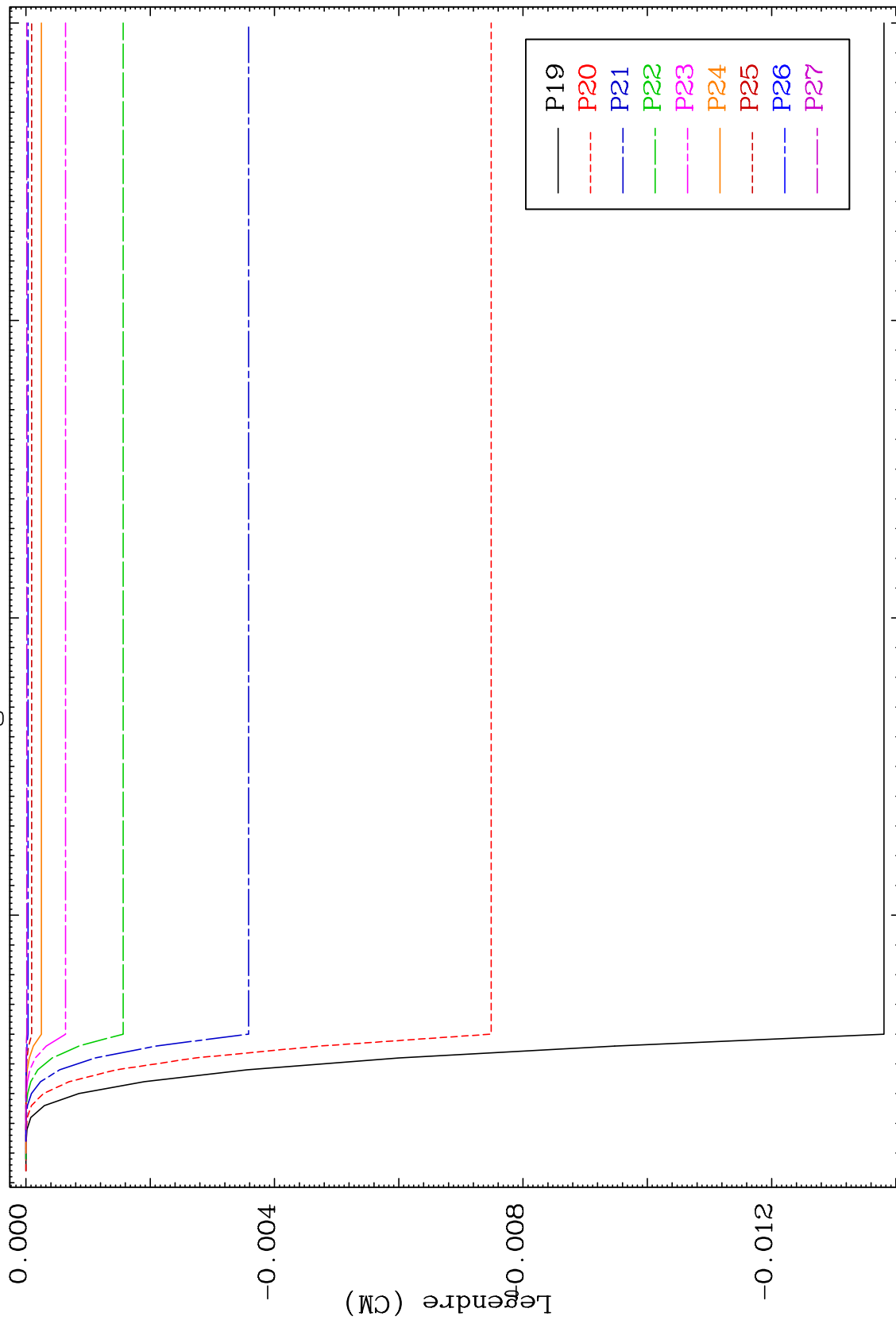
56-Ba-126

MAT 5613

MT= 79 (n,n') Level

56-Ba-126

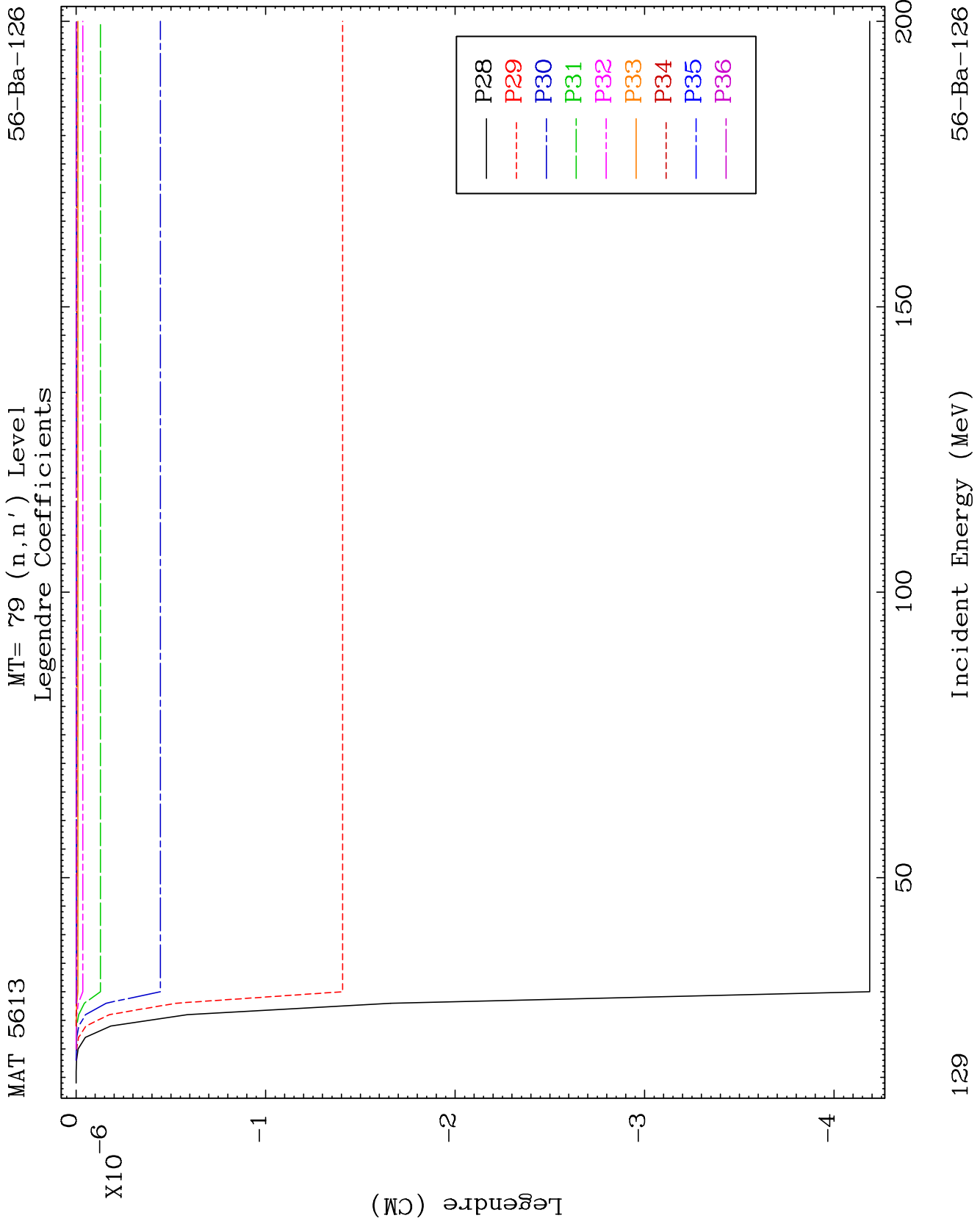
Legendre Coefficients



56-Ba-126

Incident Energy (MeV)

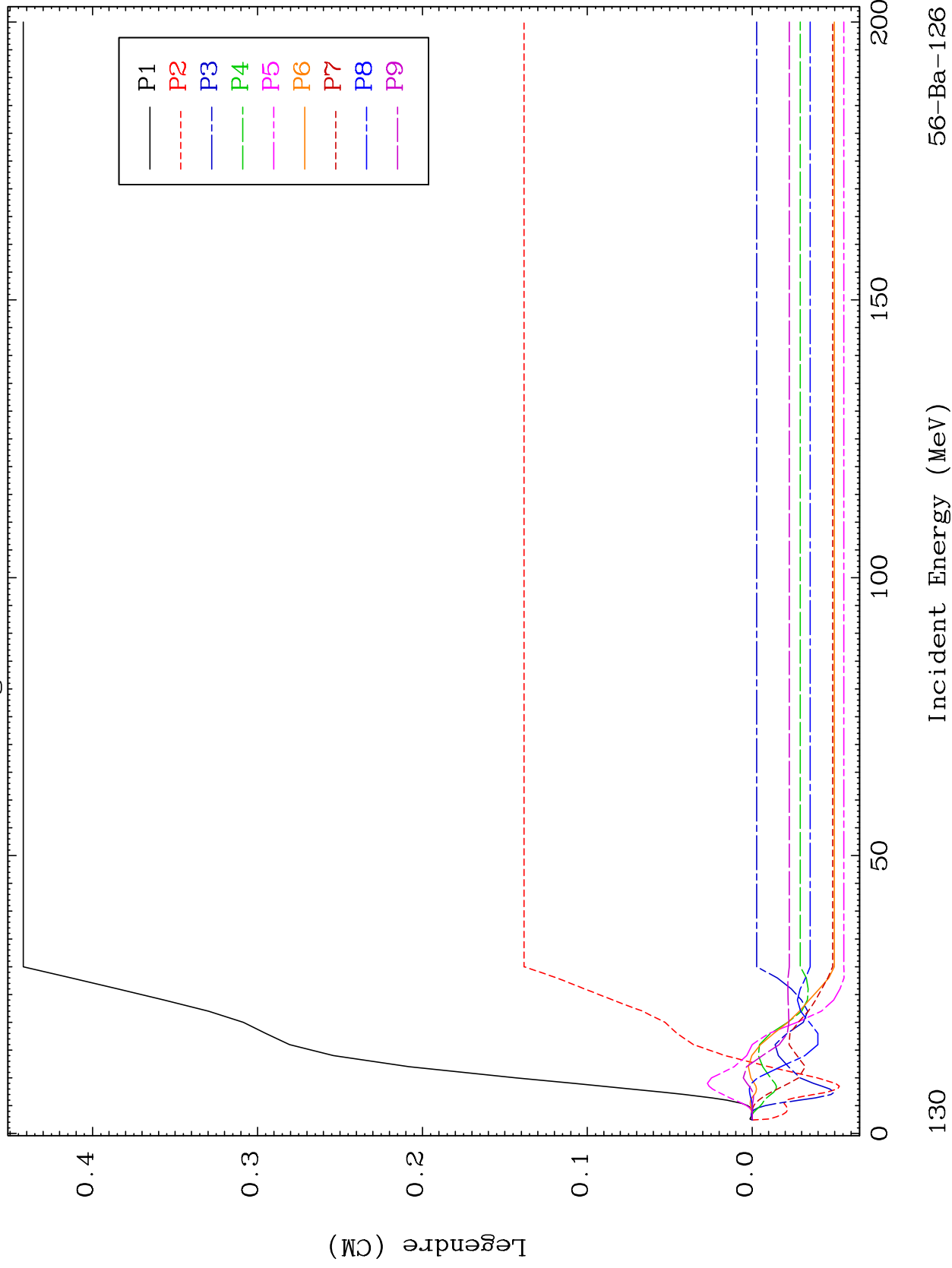
128



MAT 5613

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

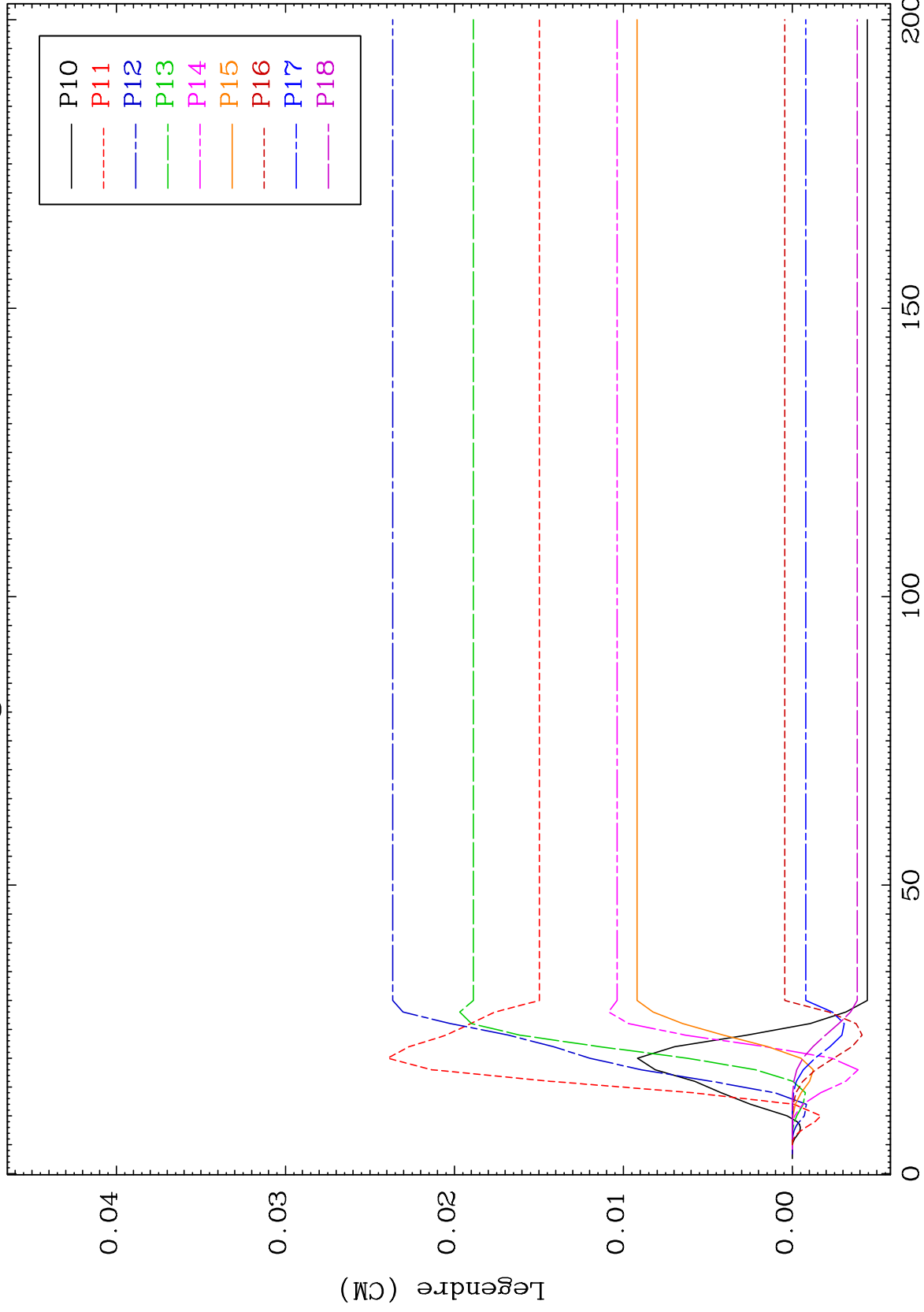
56-Ba-126



MAT 5613

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

56-Ba-126



131

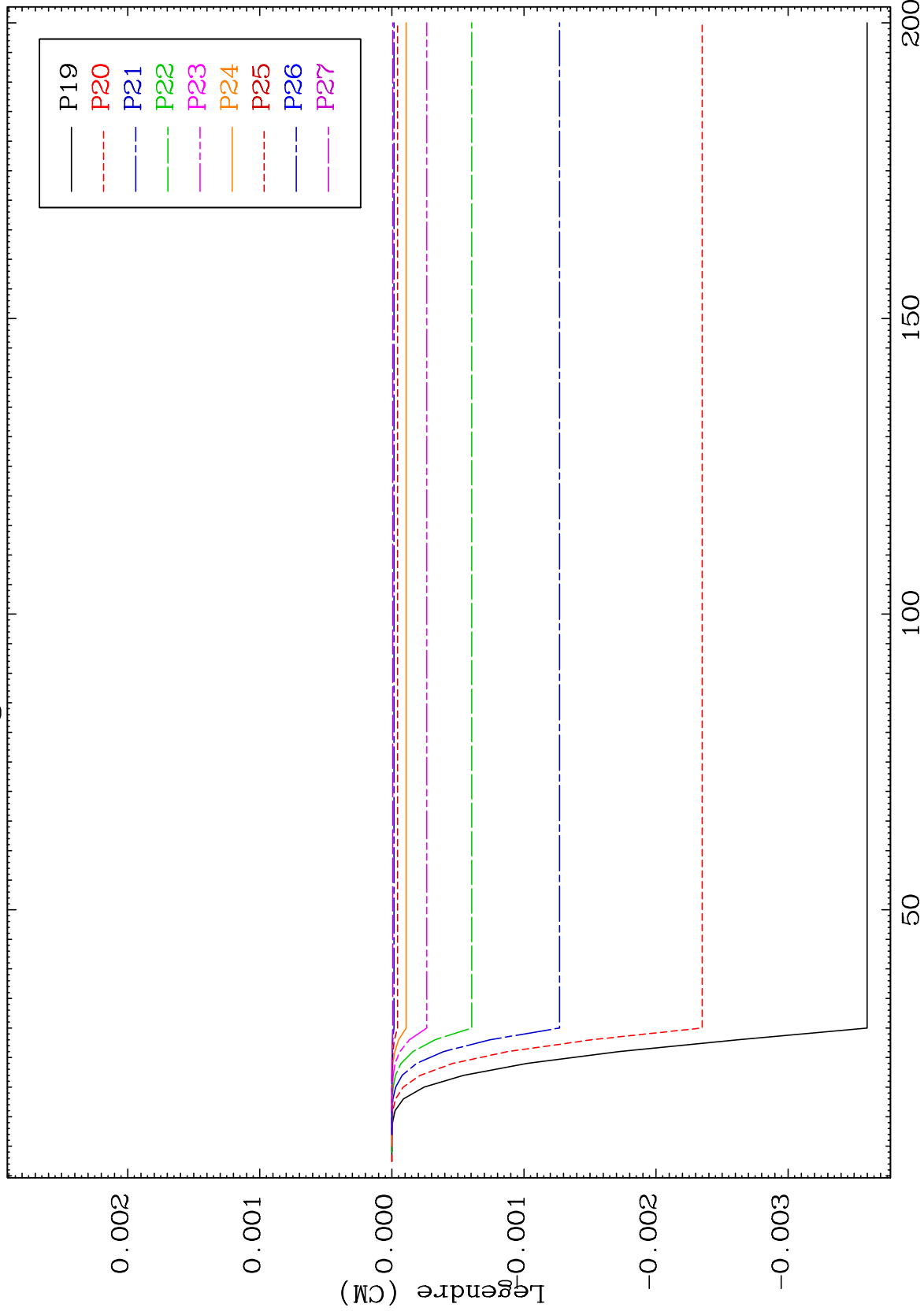
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

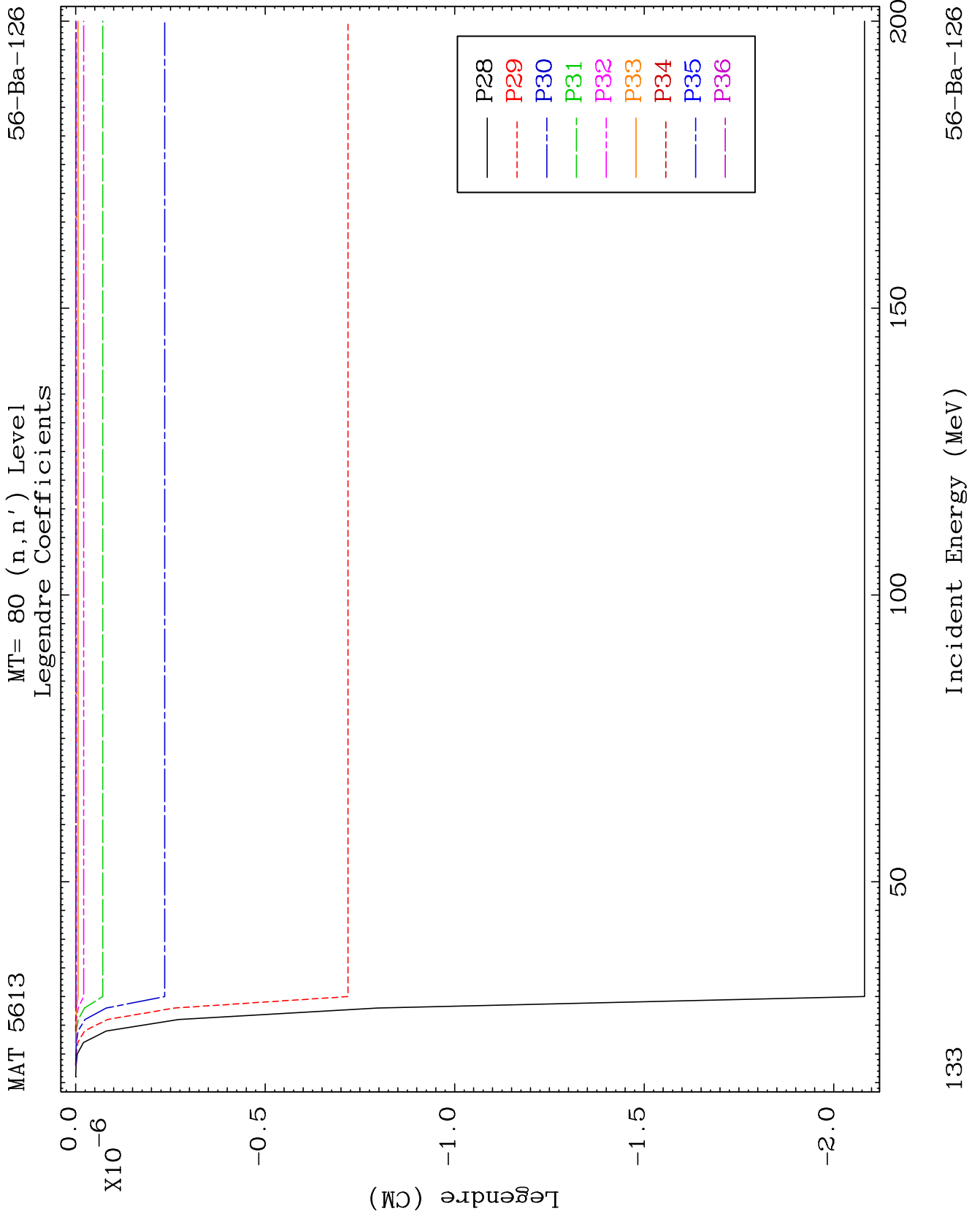
56-Ba-126



132

Incident Energy (MeV)

56-Ba-126

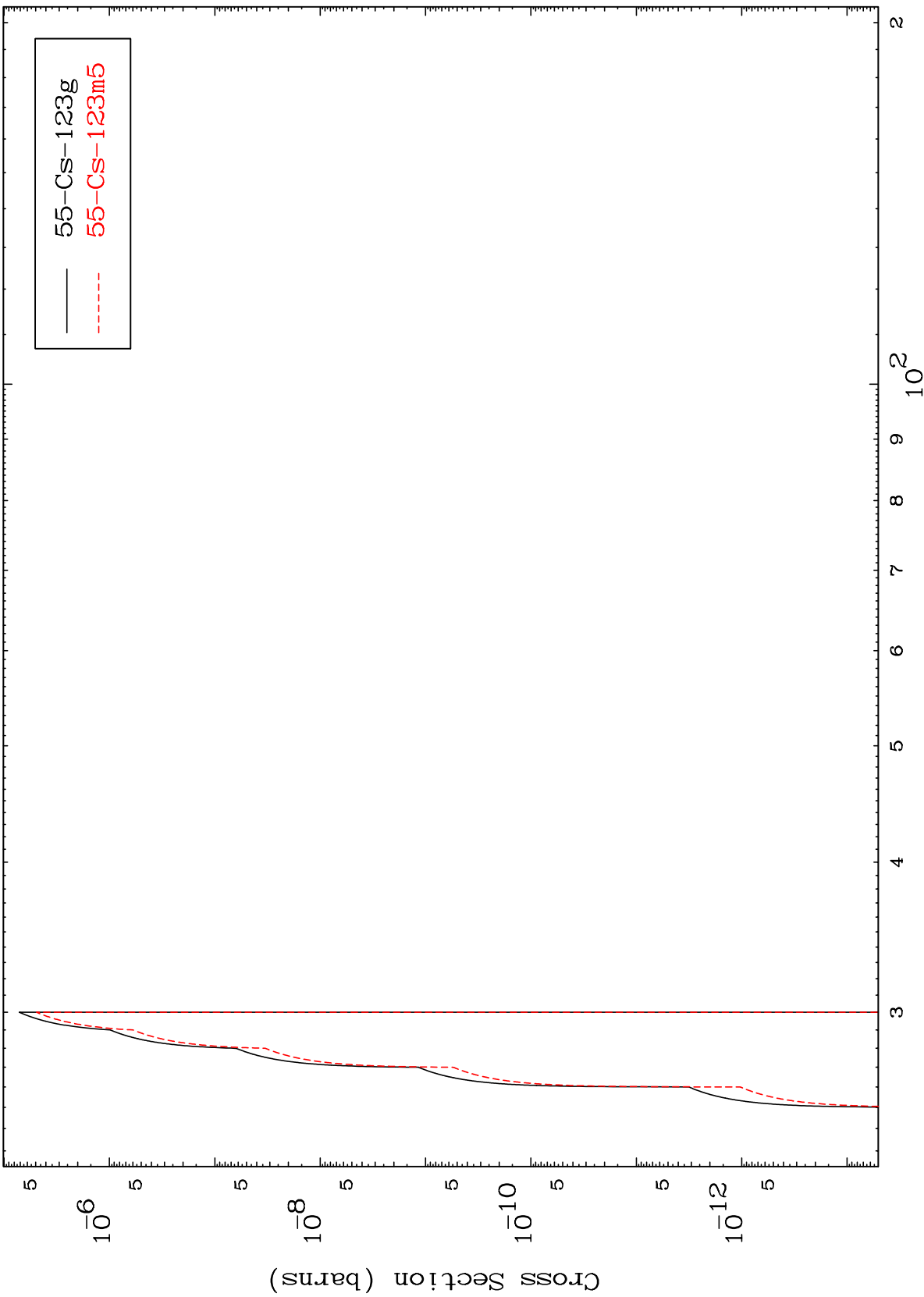


MAT 5613

(n,2n) d

56-Ba-126

Radionuclide Production Cross Section



55-Cs-123g
55-Cs-123m5

134

Incident Energy (MeV)

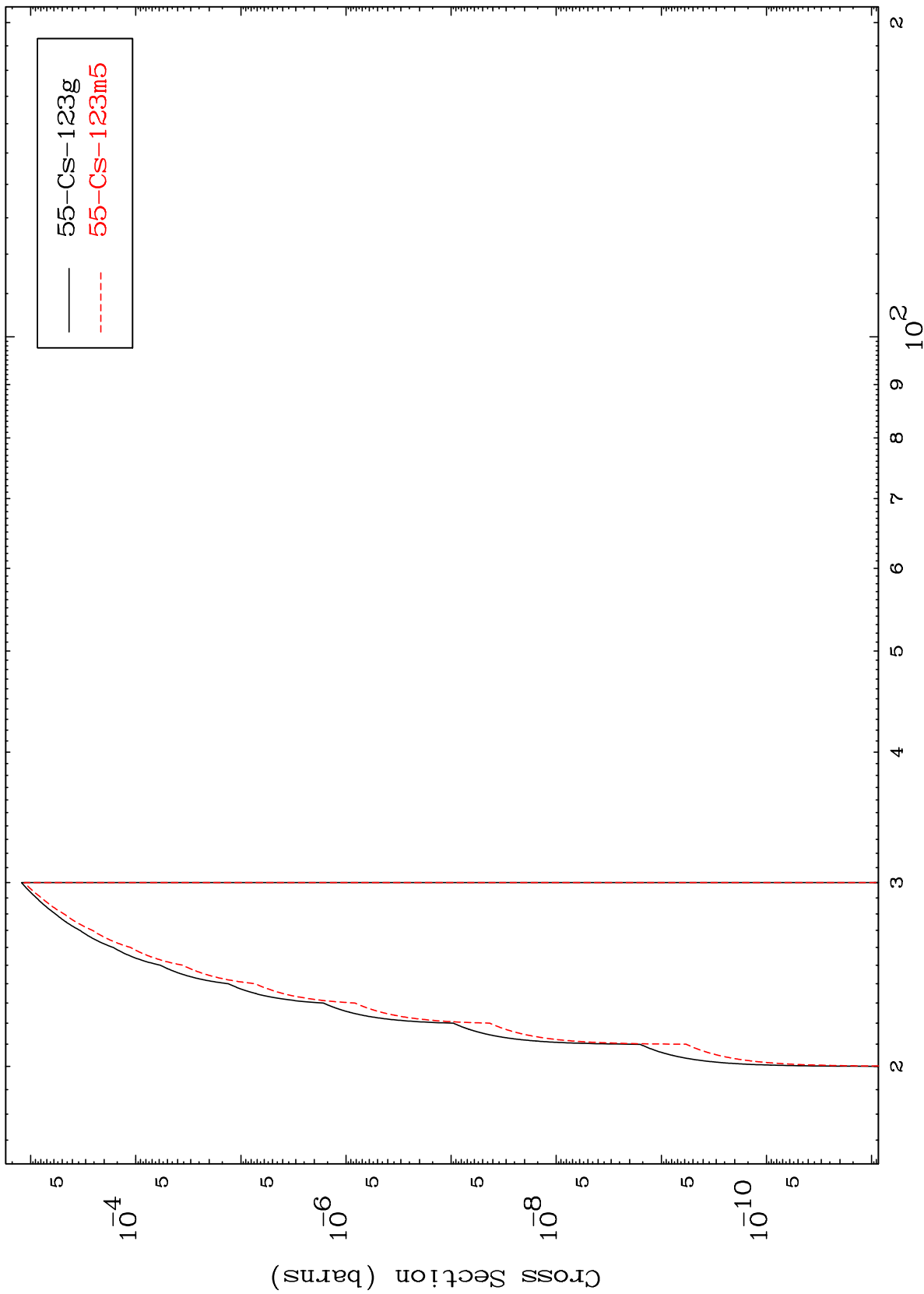
56-Ba-126

MAT 5613

(n,n') t

56-Ba-126

Radionuclide Production Cross Section



135

Incident Energy (MeV)

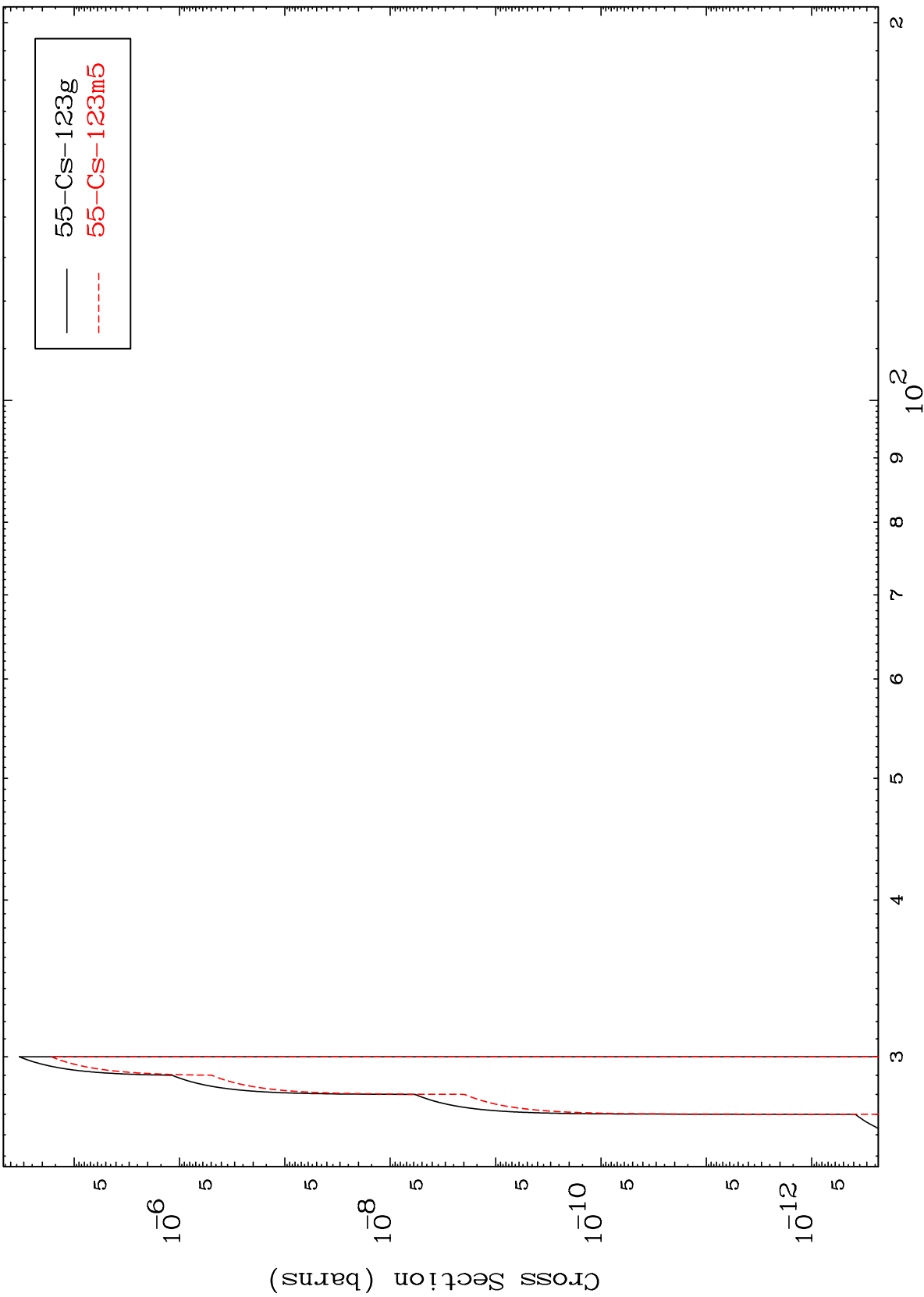
56-Ba-126

MAT 5613

(n,3n) p

56-Ba-126

Radionuclide Production Cross Section



55-Cs-123g
55-Cs-123m5

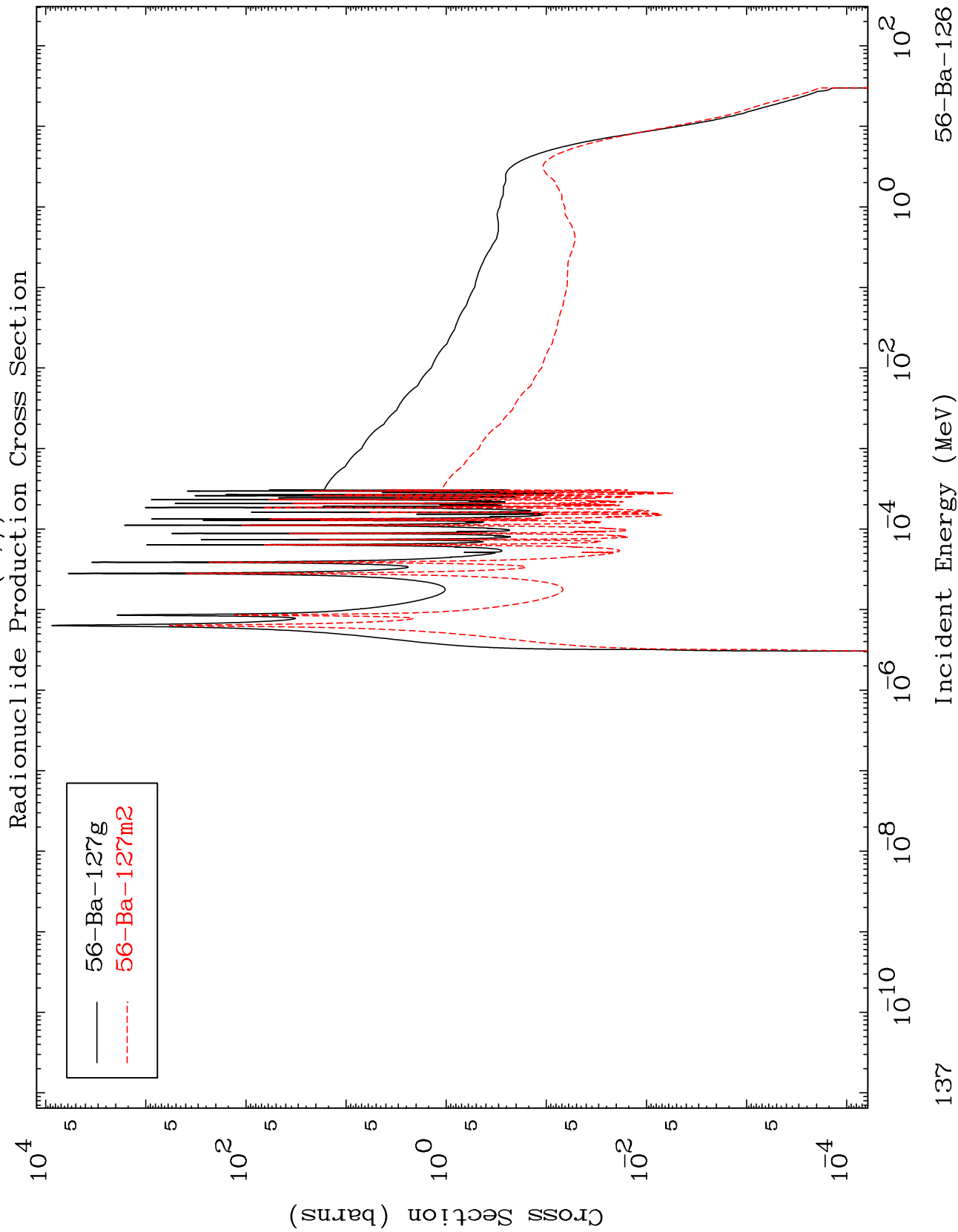
136

Incident Energy (MeV)

56-Ba-126

MAT 5613

56-Ba-126

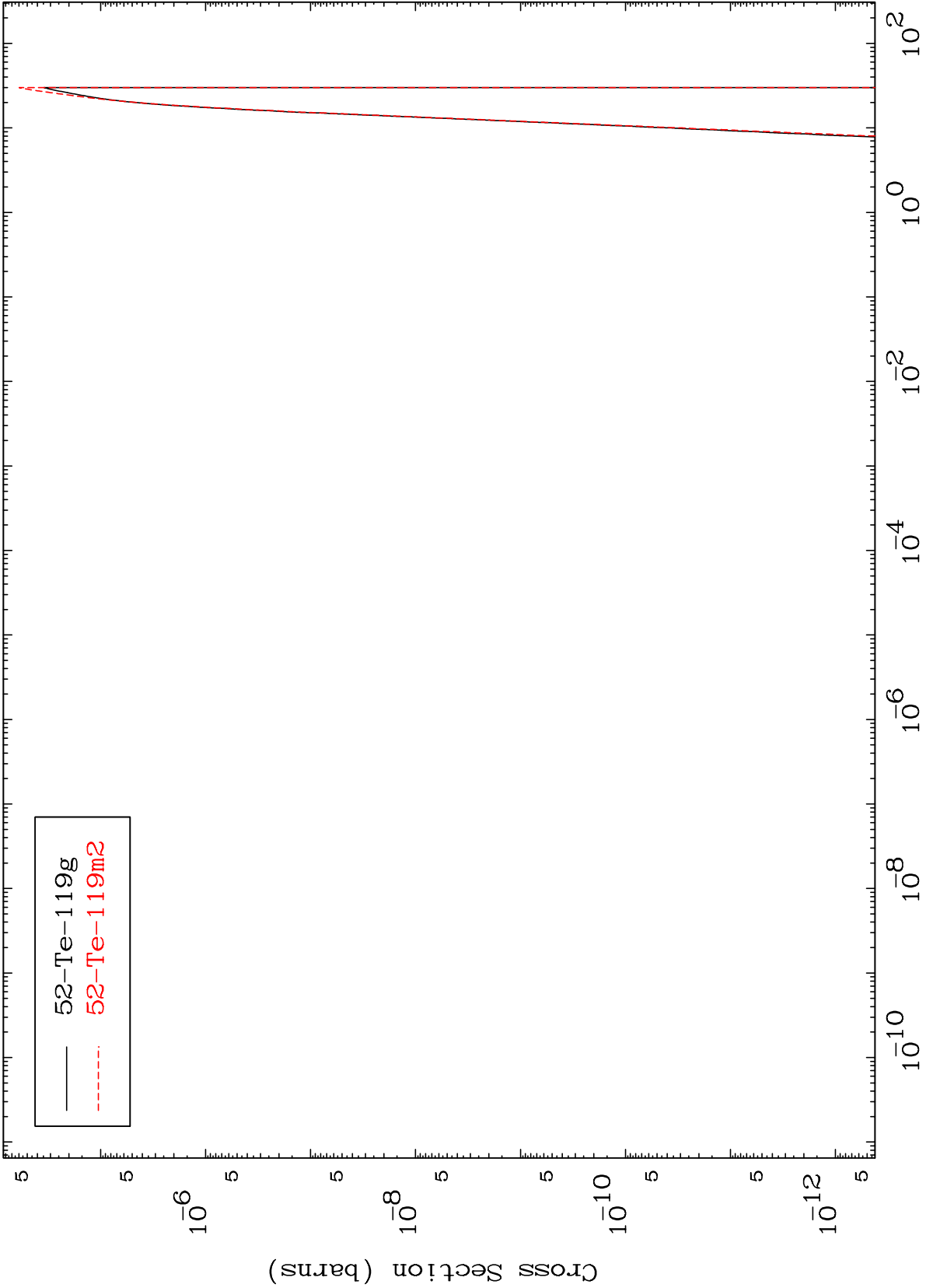


MAT 5613

(n,2α)

56-Ba-126

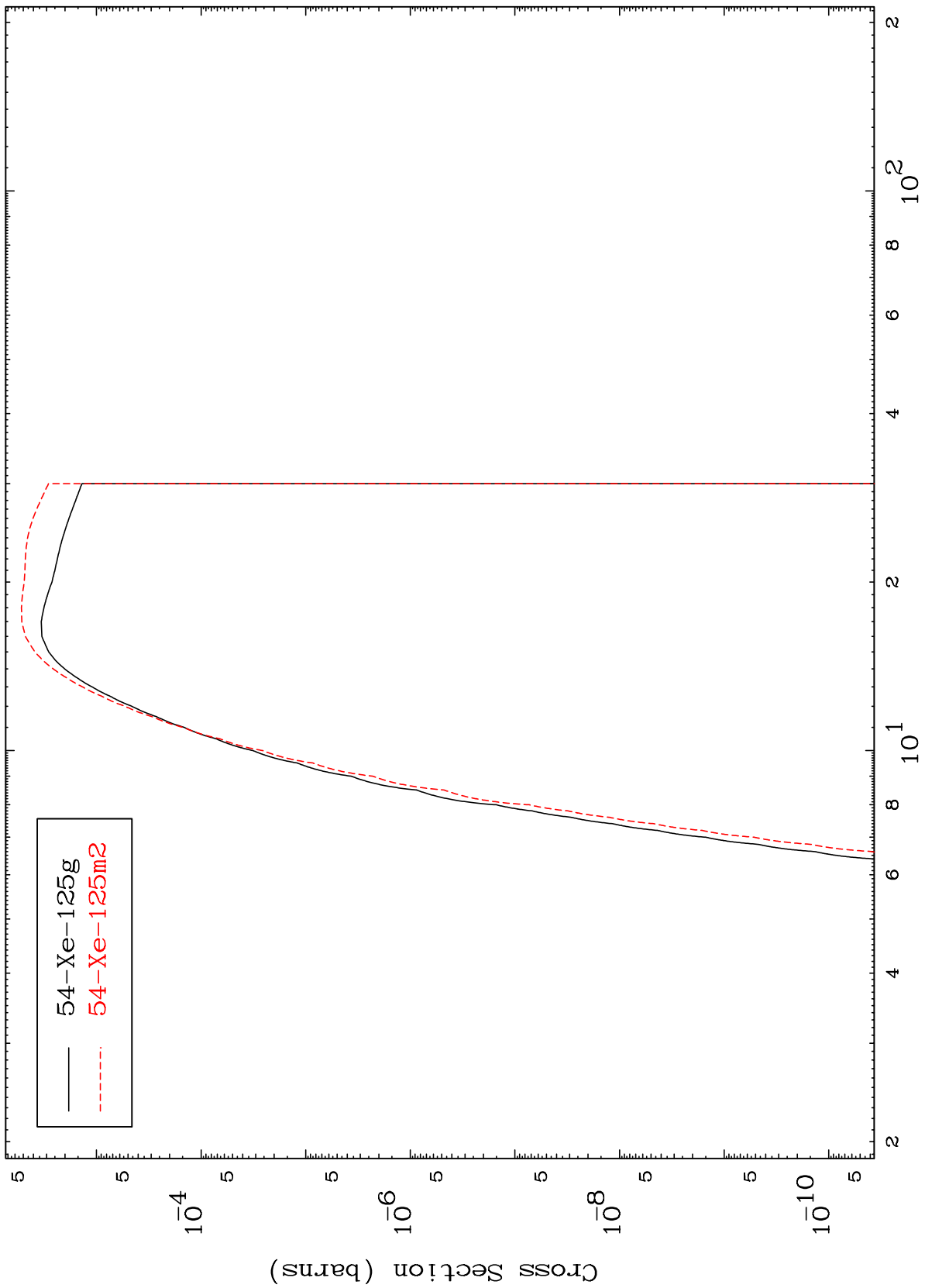
Radionuclide Production Cross Section



MAT 5613

56-Ba-126

(n,2p)
Radionuclide Production Cross Section



139

56-Ba-126

Incident Energy (MeV)