

Program EVALPLOT
(Version 2017-1)

by

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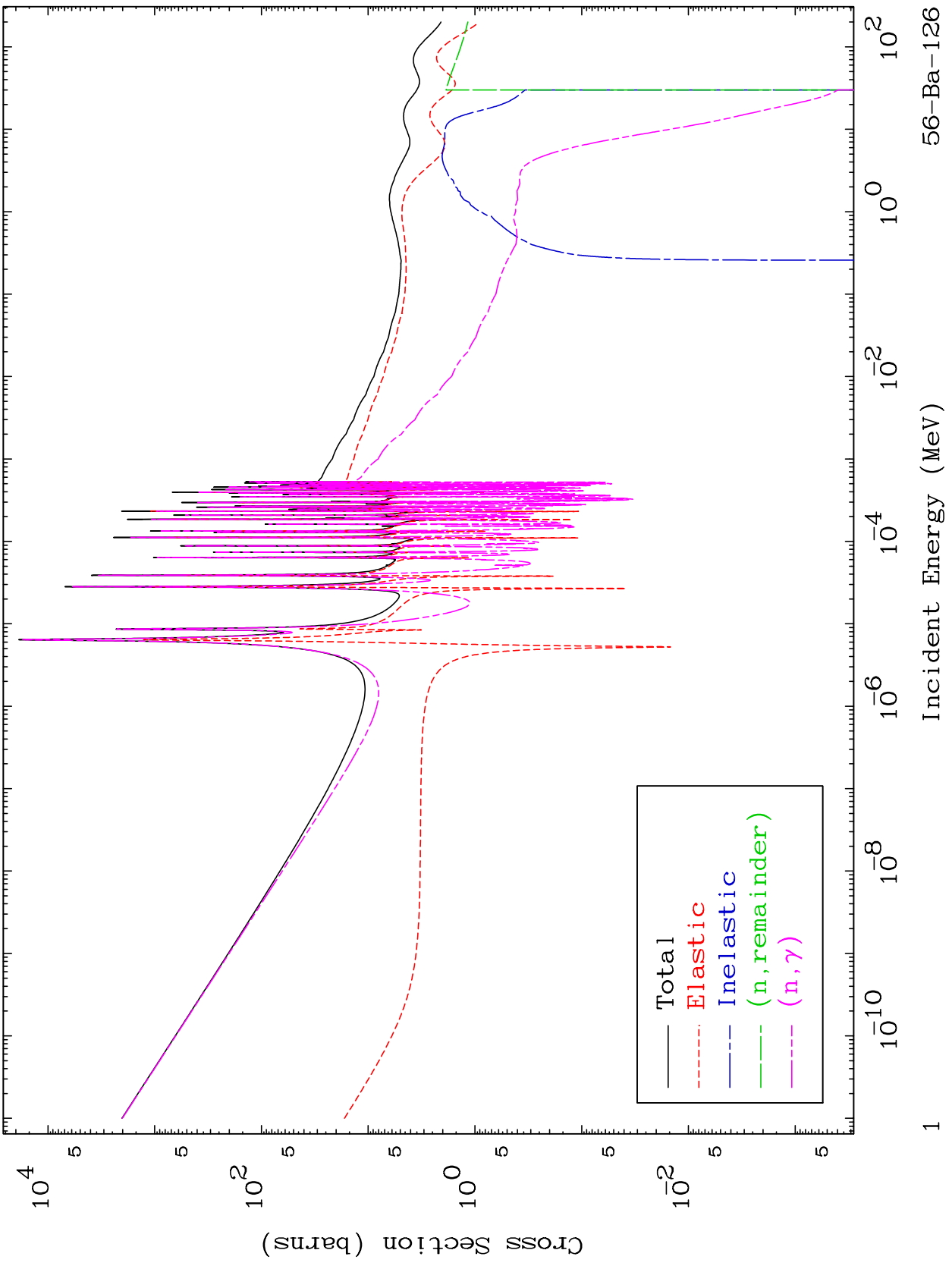
Press Mouse Button to Start

MAT 5613

Major

293 Kelvin Cross Sections

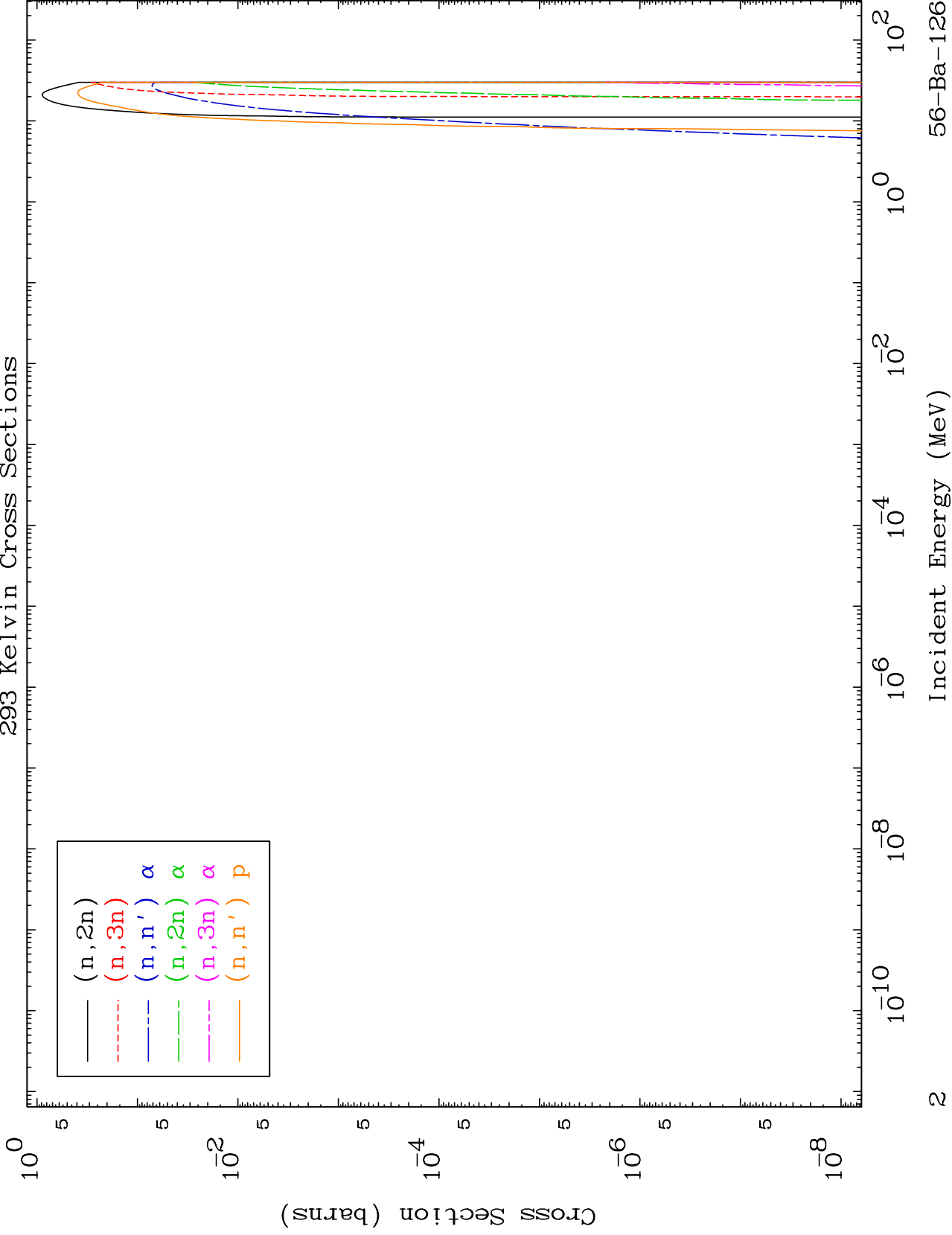
56-Ba-126



MAT 5613

Neutron Production
293 Kelvin Cross Sections

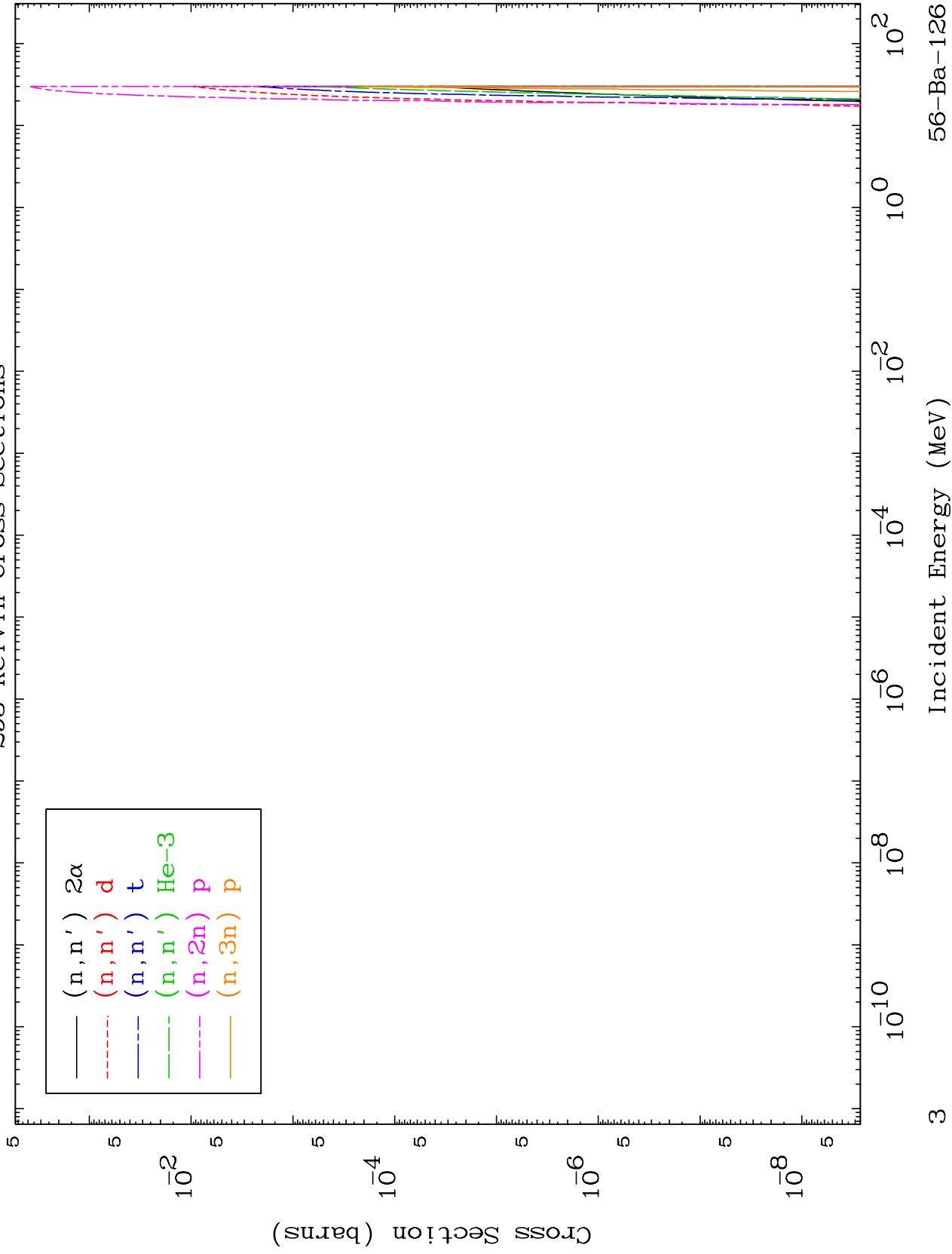
56-Ba-126



MAT 5613

Neutron Production
293 Kelvin Cross Sections

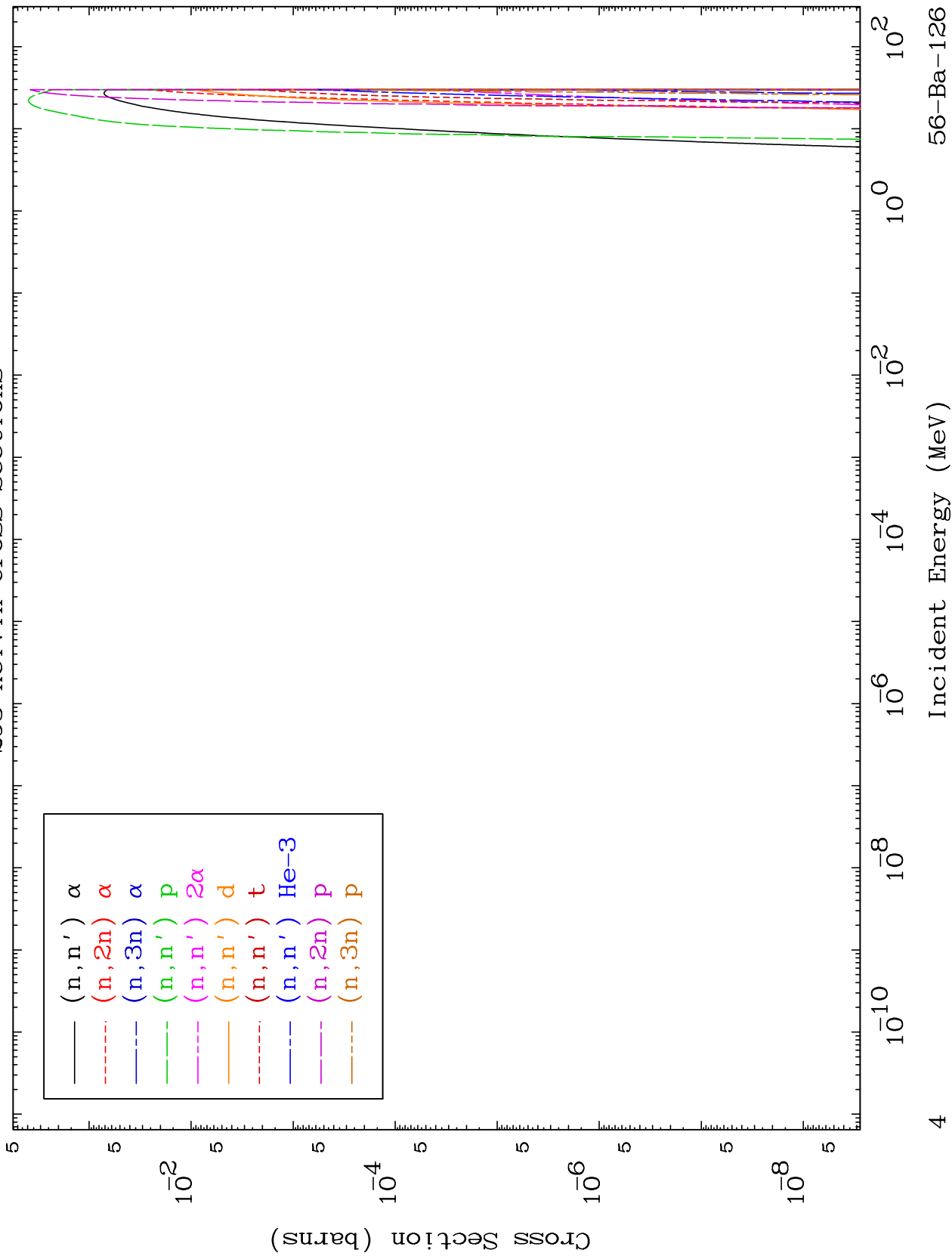
56-Ba-126



MAT 5613

Charged Particle
293 Kelvin Cross Sections

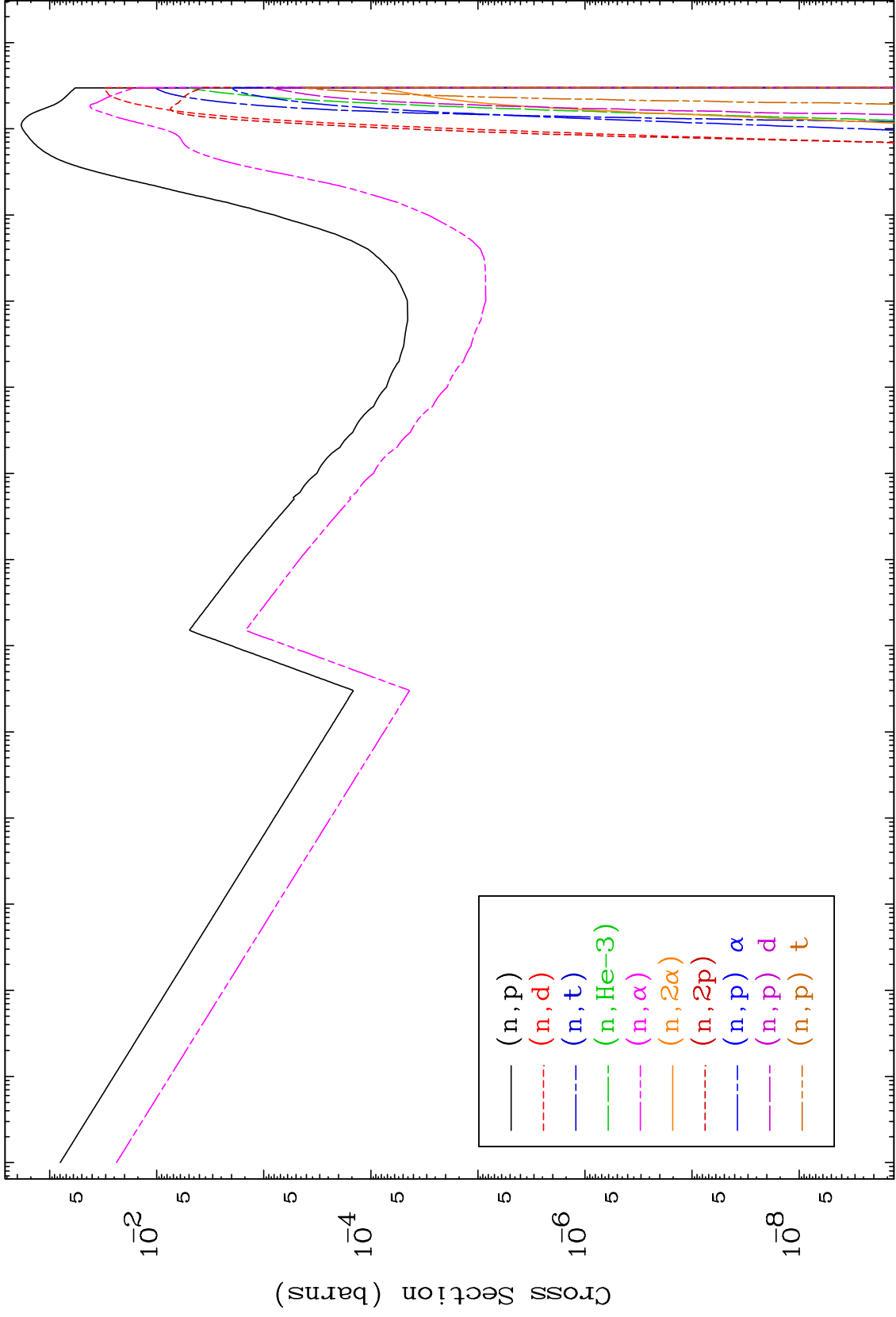
56-Ba-126



MAT 5613

Charged Particle
293 Kelvin Cross Sections

56-Ba-126



5

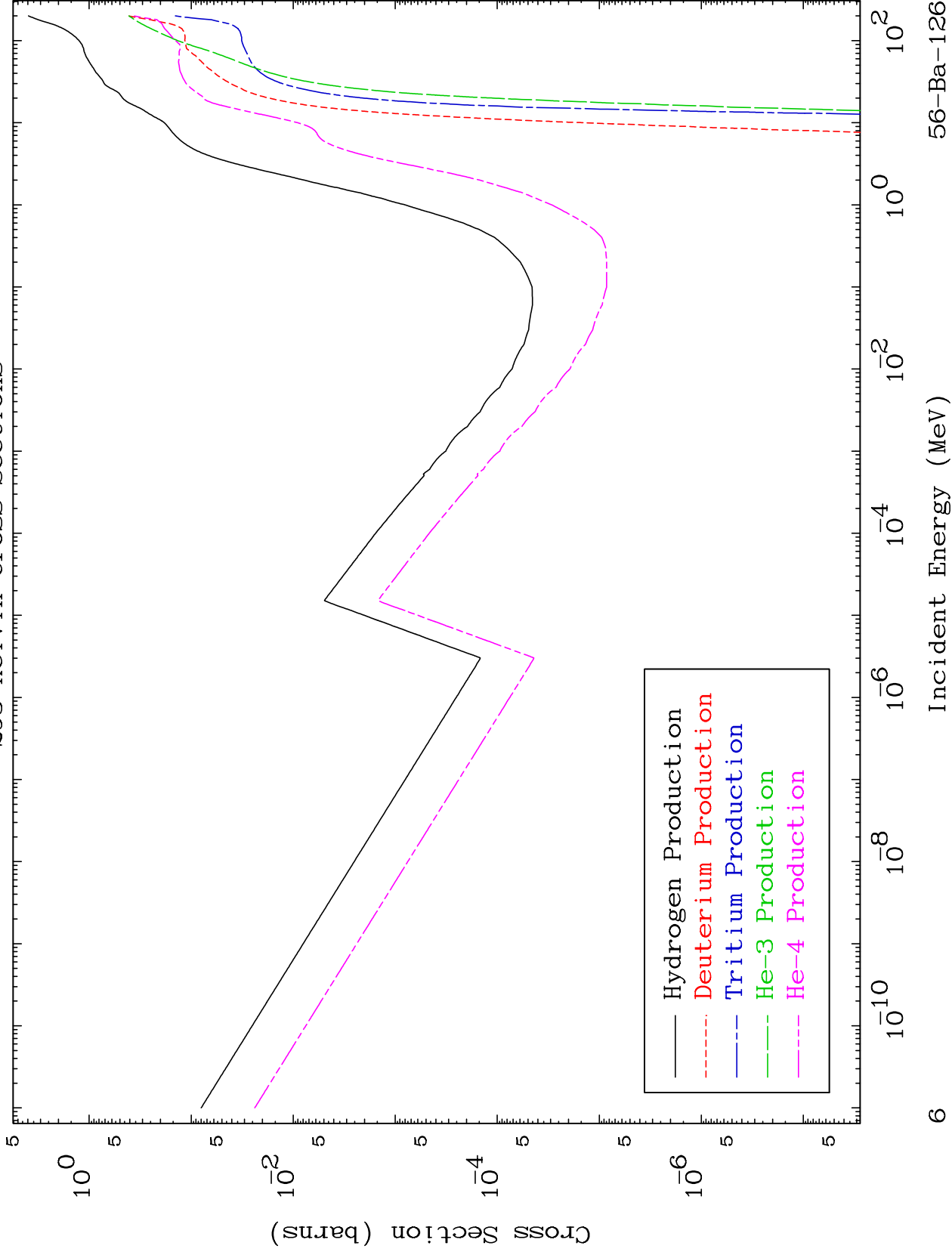
Incident Energy (MeV)

56-Ba-126

MAT 5613

Particle Production
293 Kelvin Cross Sections

56-Ba-126

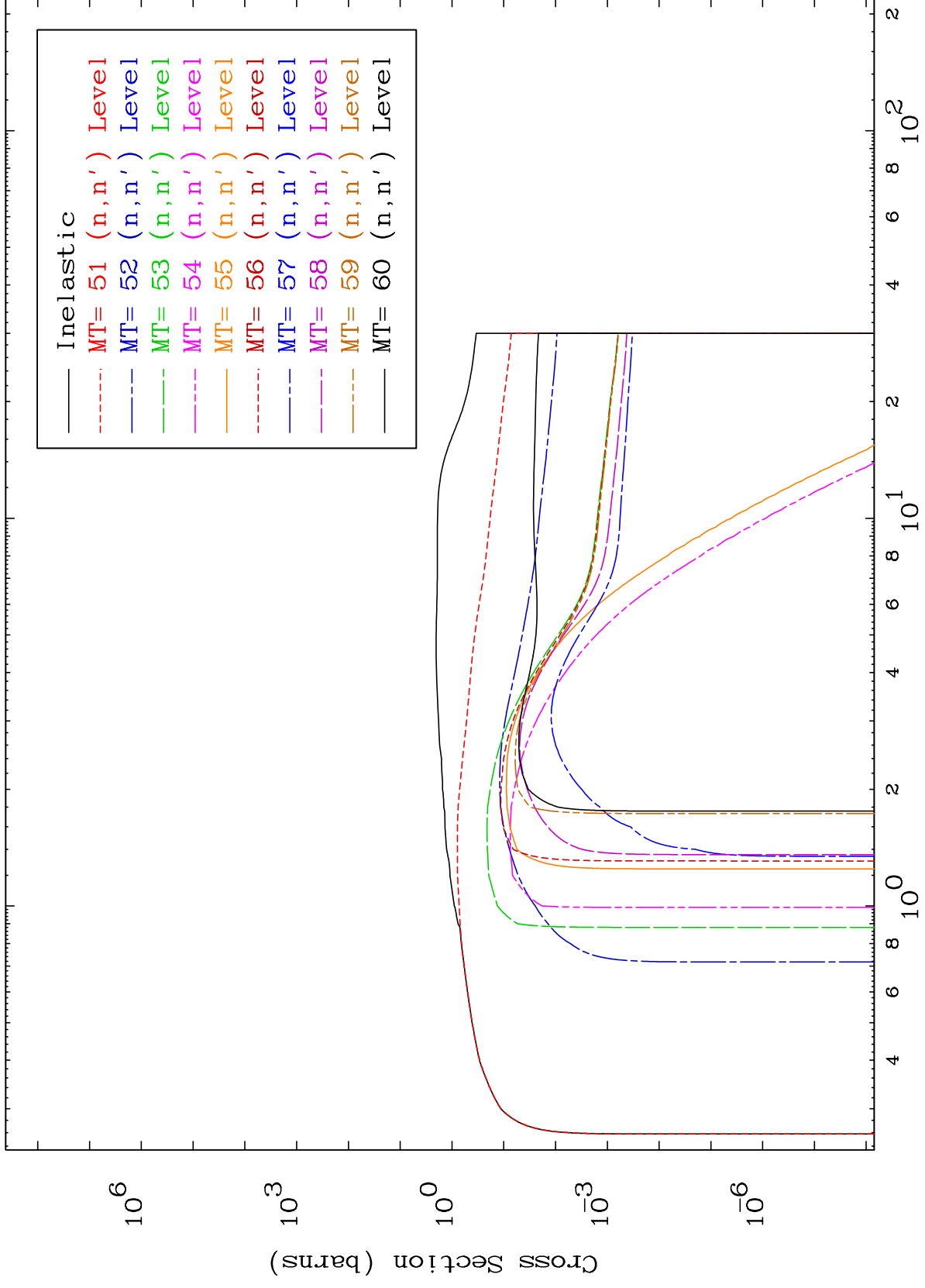


MAT 5613

(n,n') Level

56-Ba-126

293 Kelvin Cross Sections

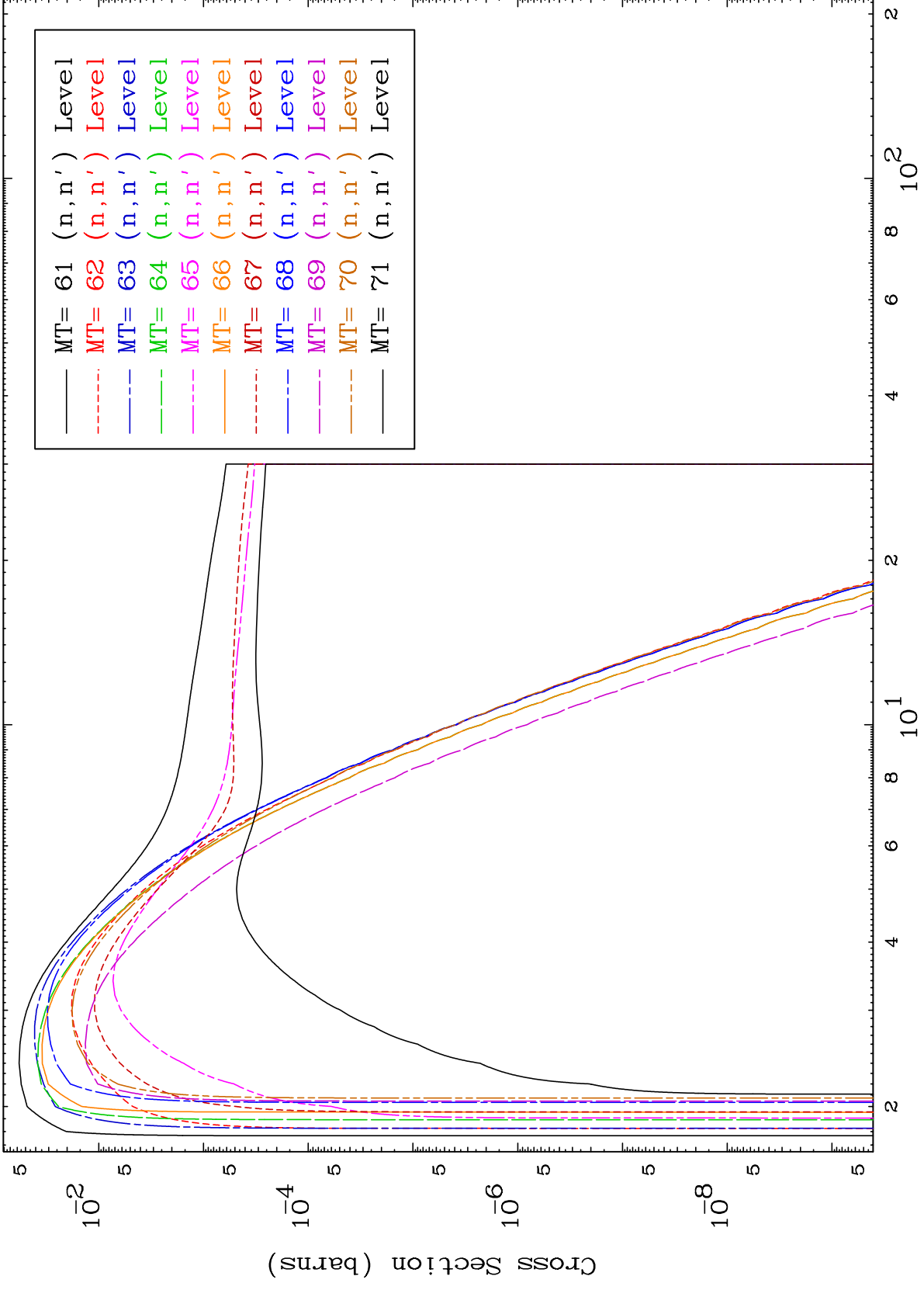


MAT 5613

(n,n') Level

56-Ba-126

293 Kelvin Cross Sections

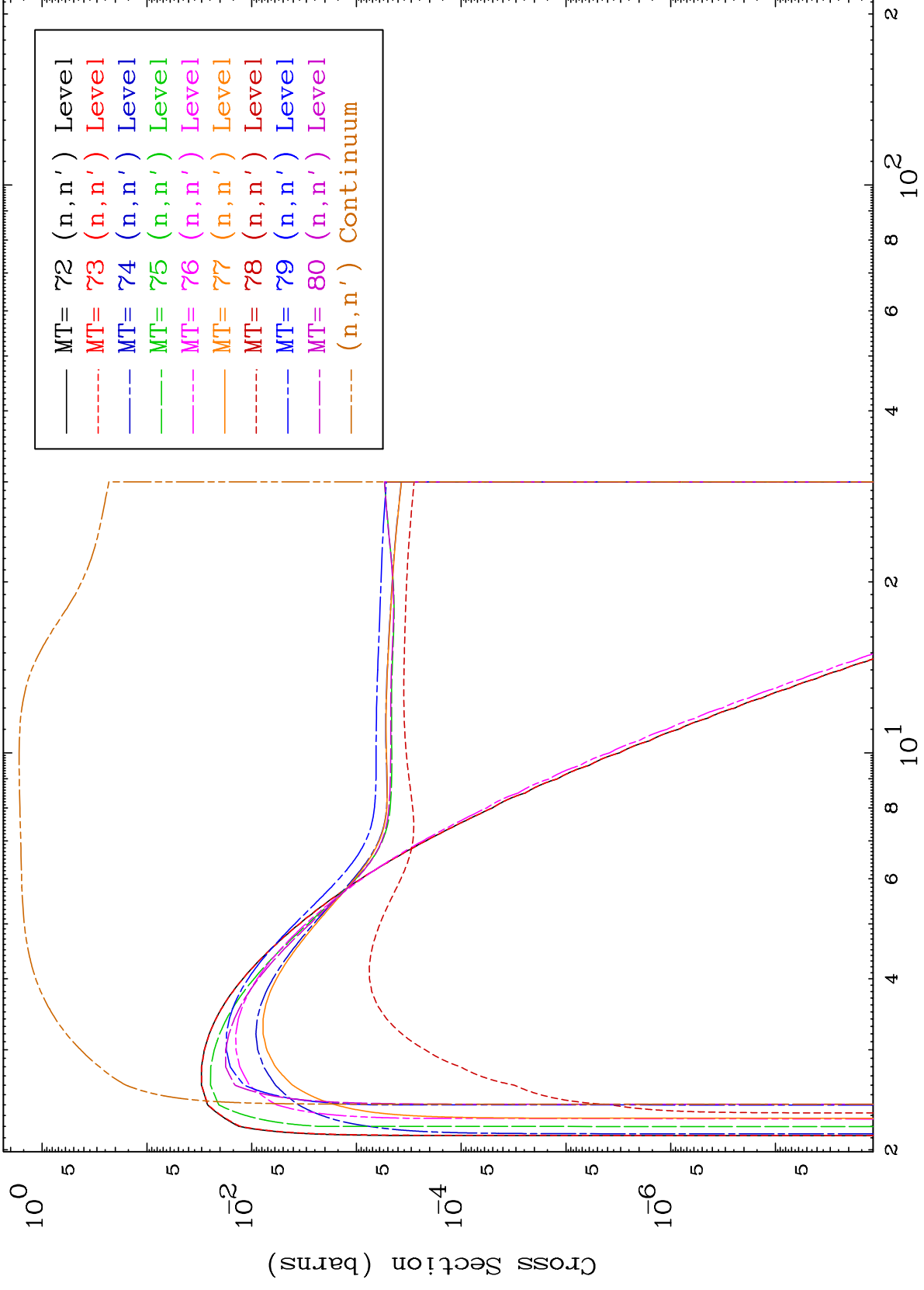


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Incident Energy (MeV)

56-Ba-126

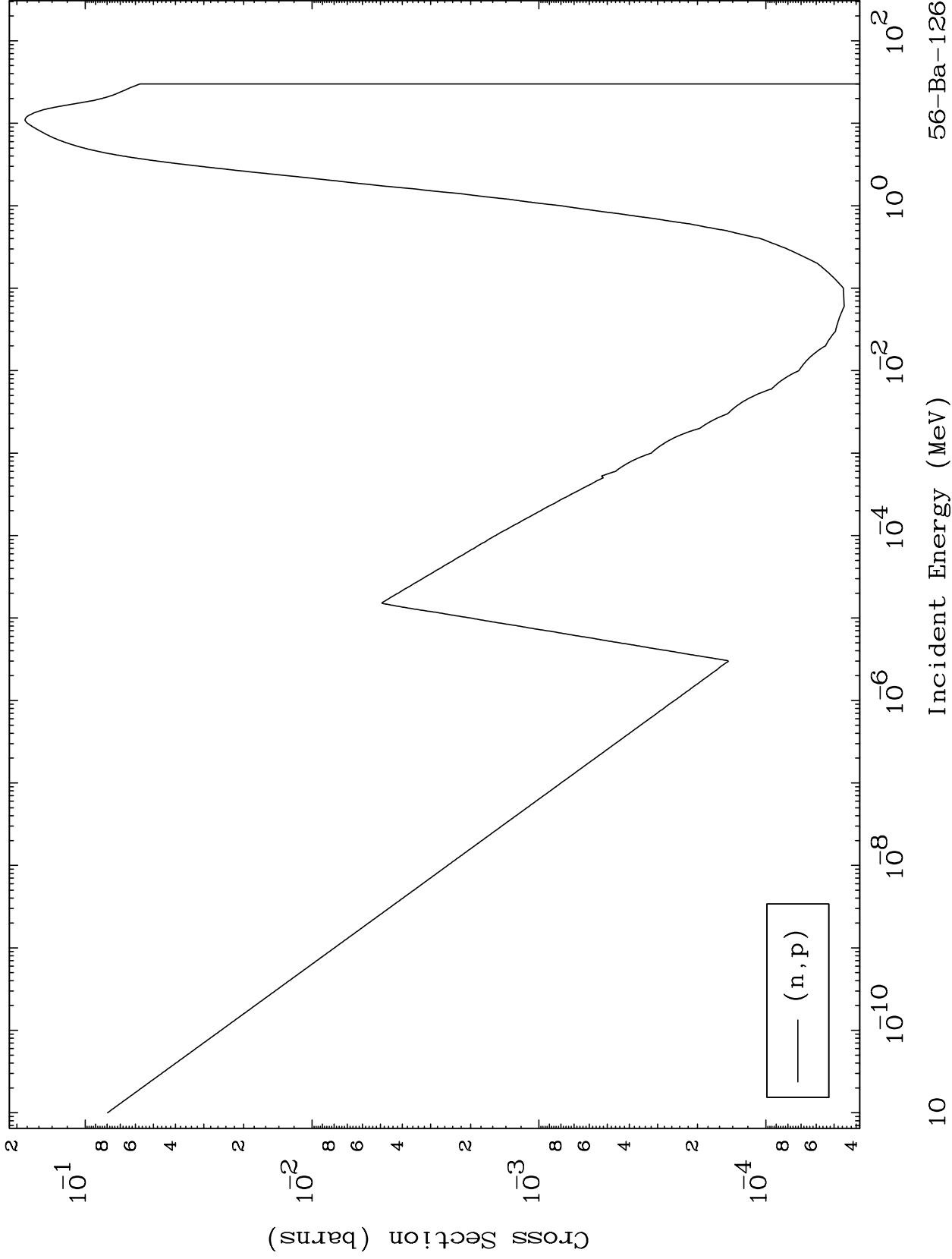
293 Kelvin Cross Sections



MAT 5613

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-126



10

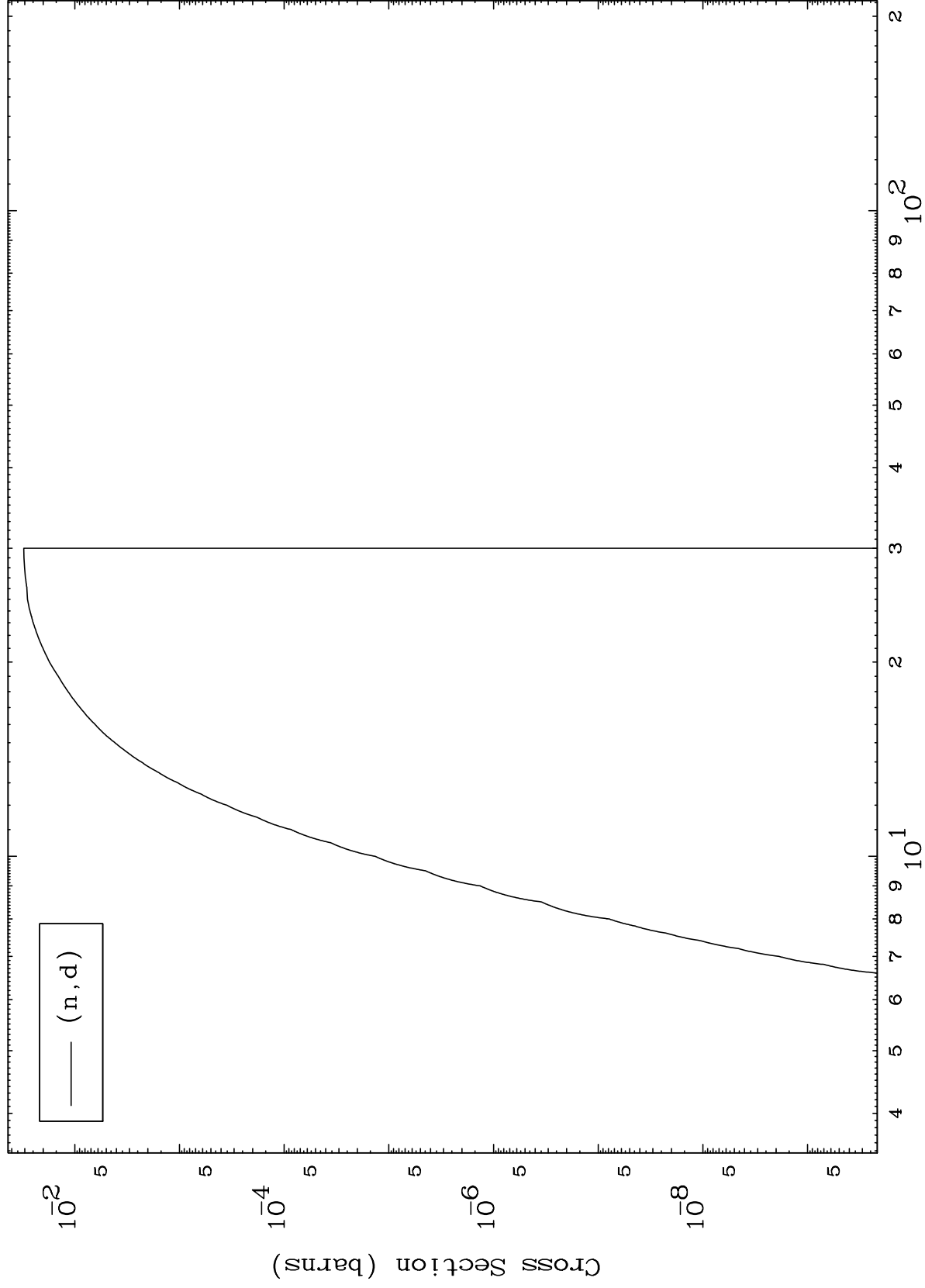
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-126



11

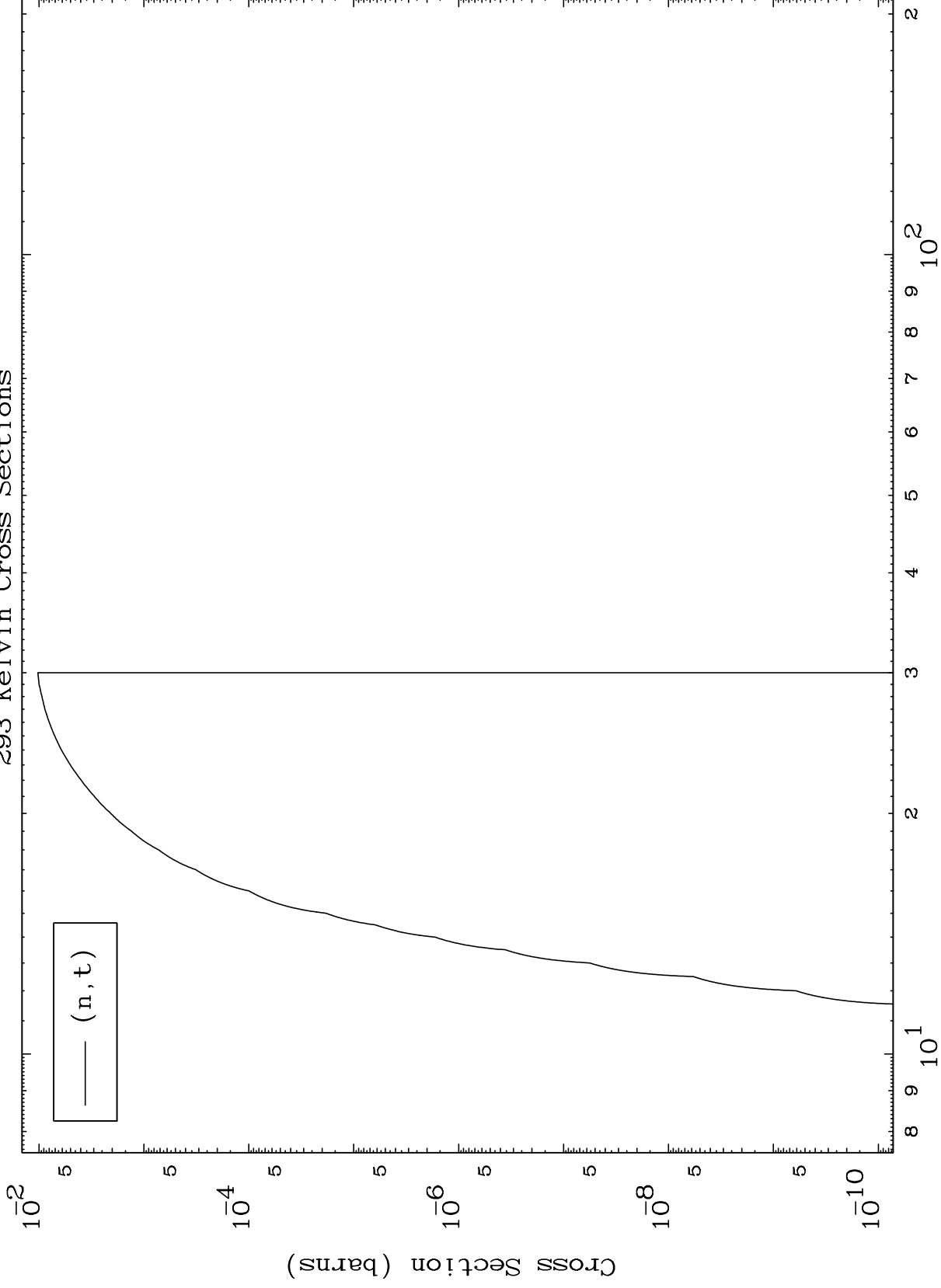
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-126



12

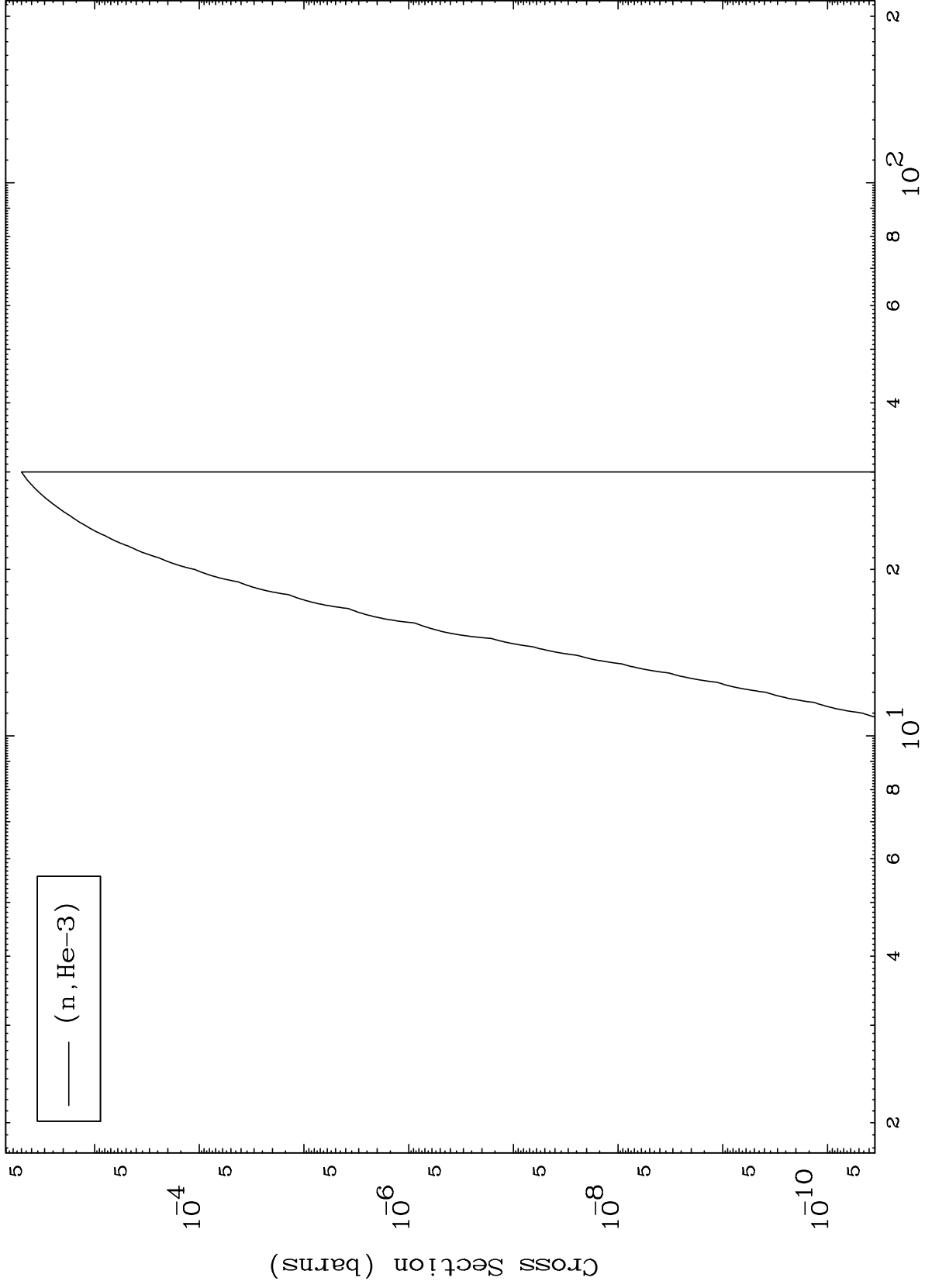
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-126



13

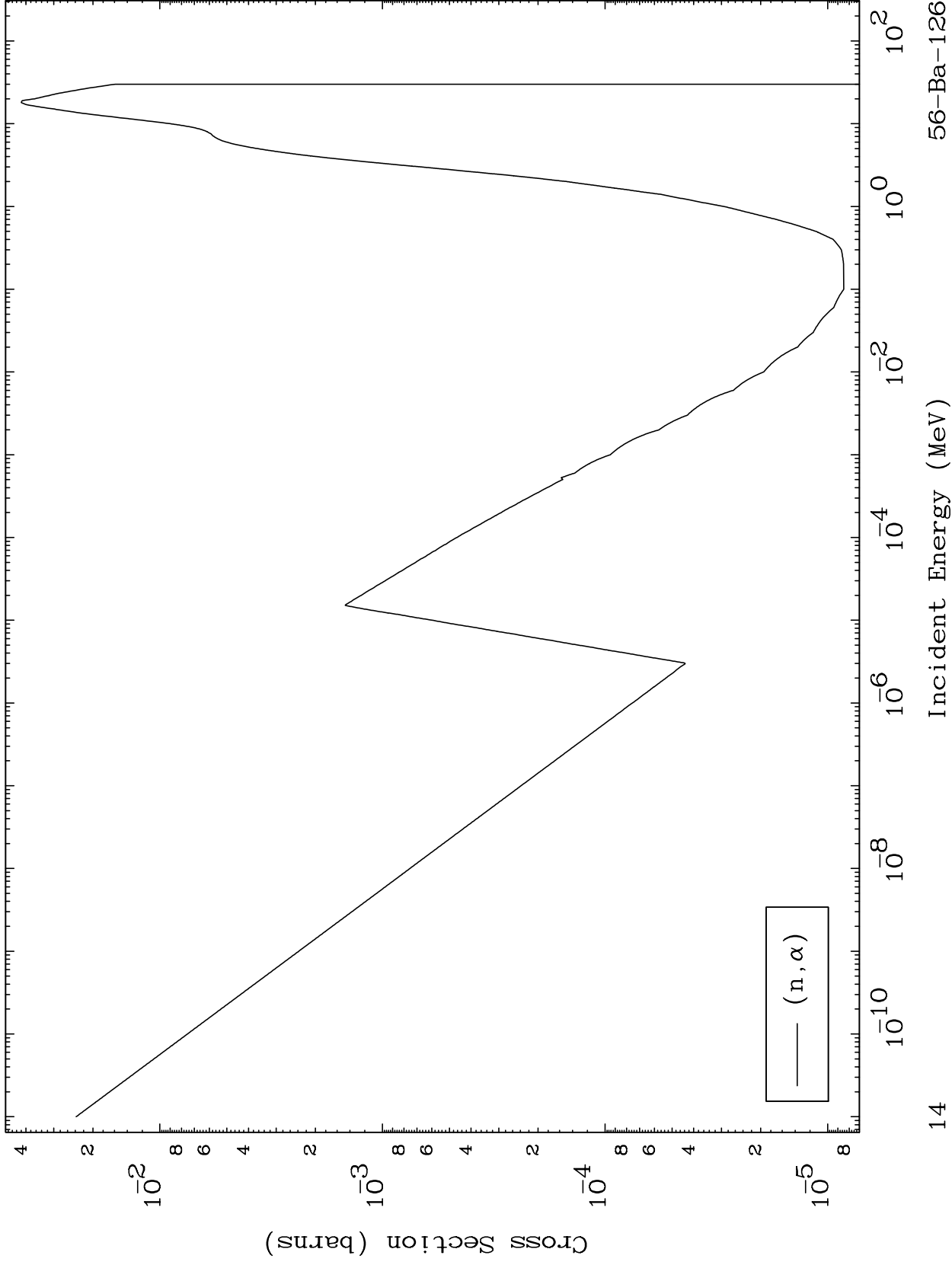
Incident Energy (MeV)

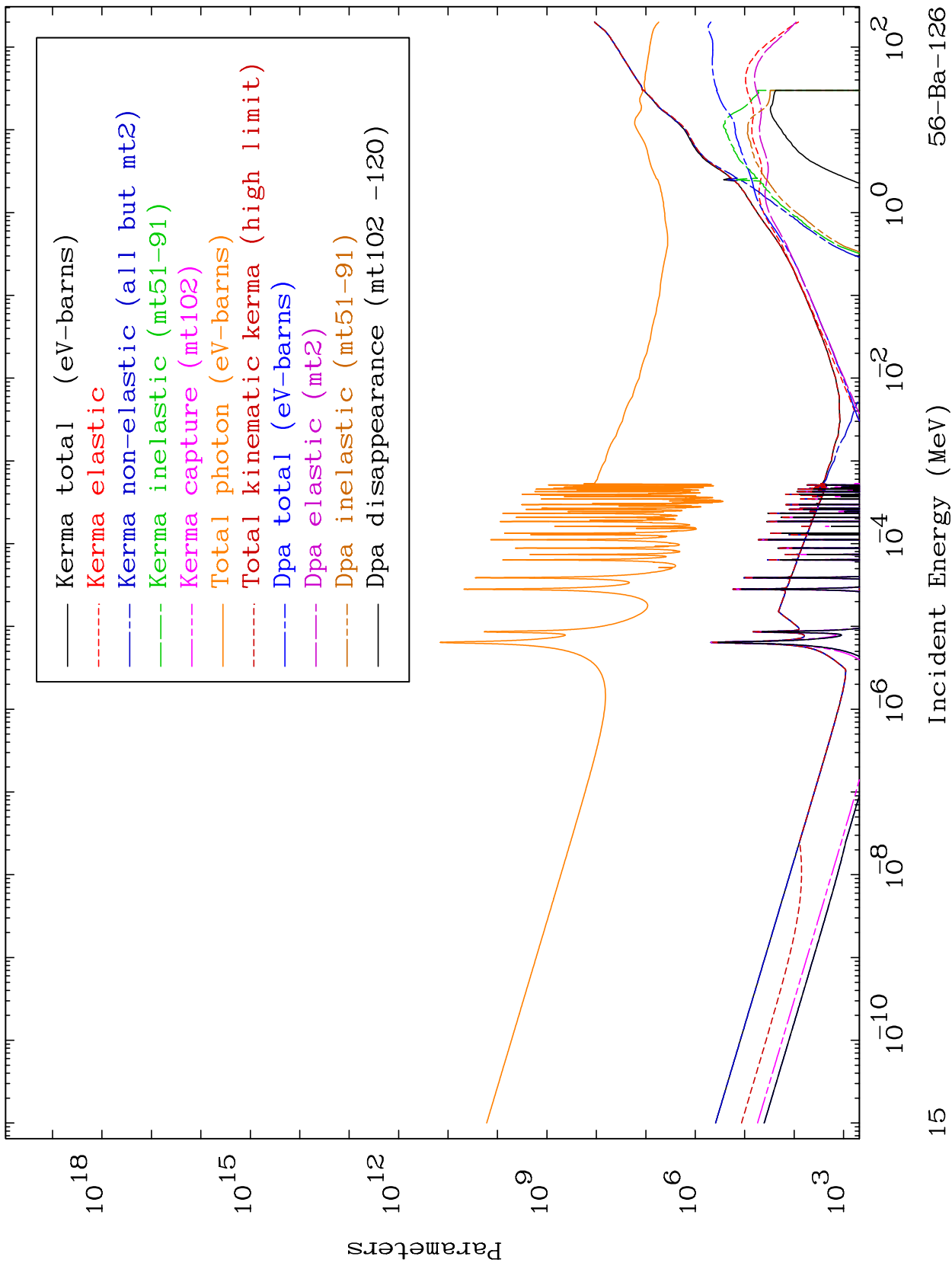
56-Ba-126

MAT 5613

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-126

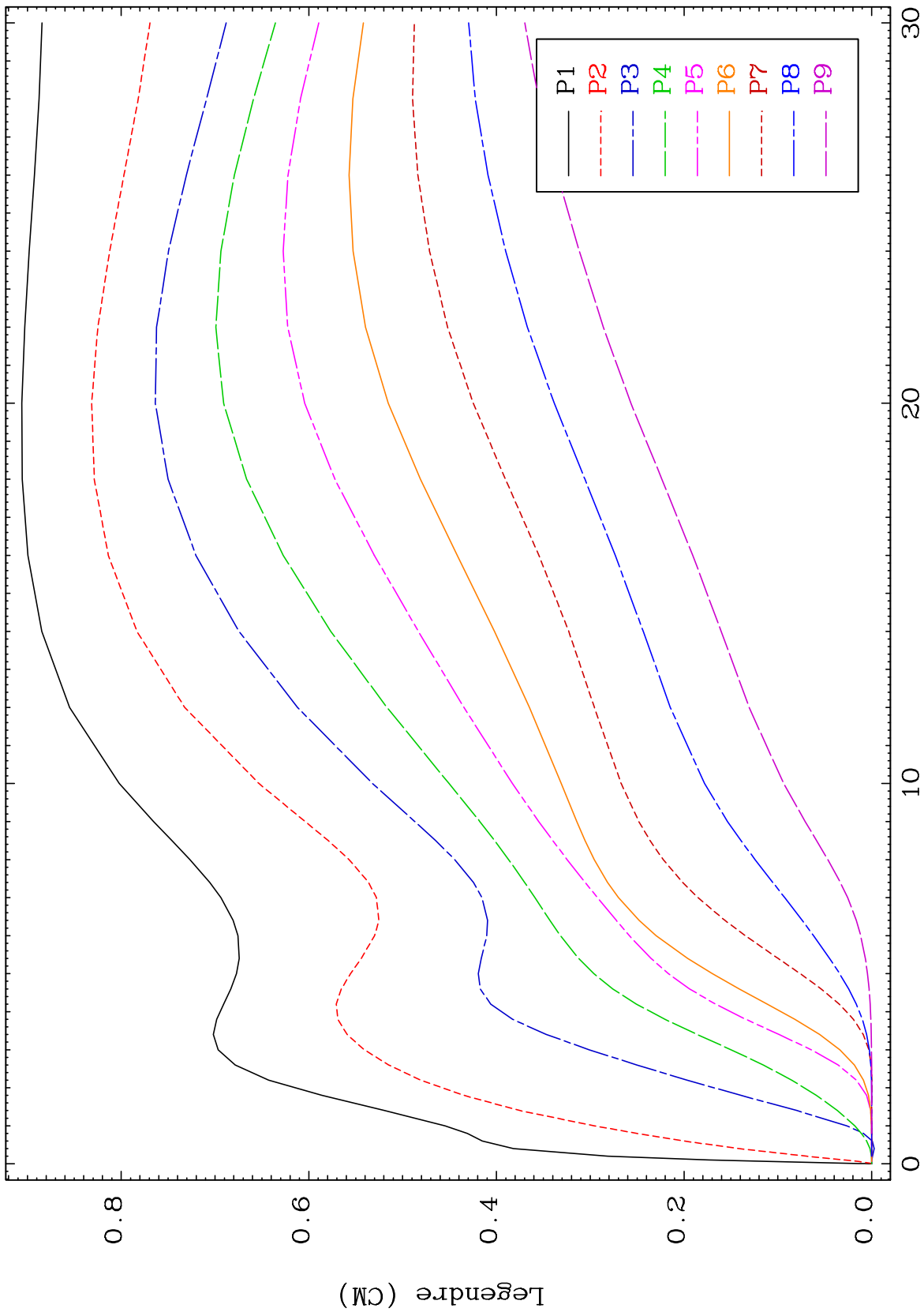




MAT 5613

56-Ba-126

Elastic Legendre Coefficients



16

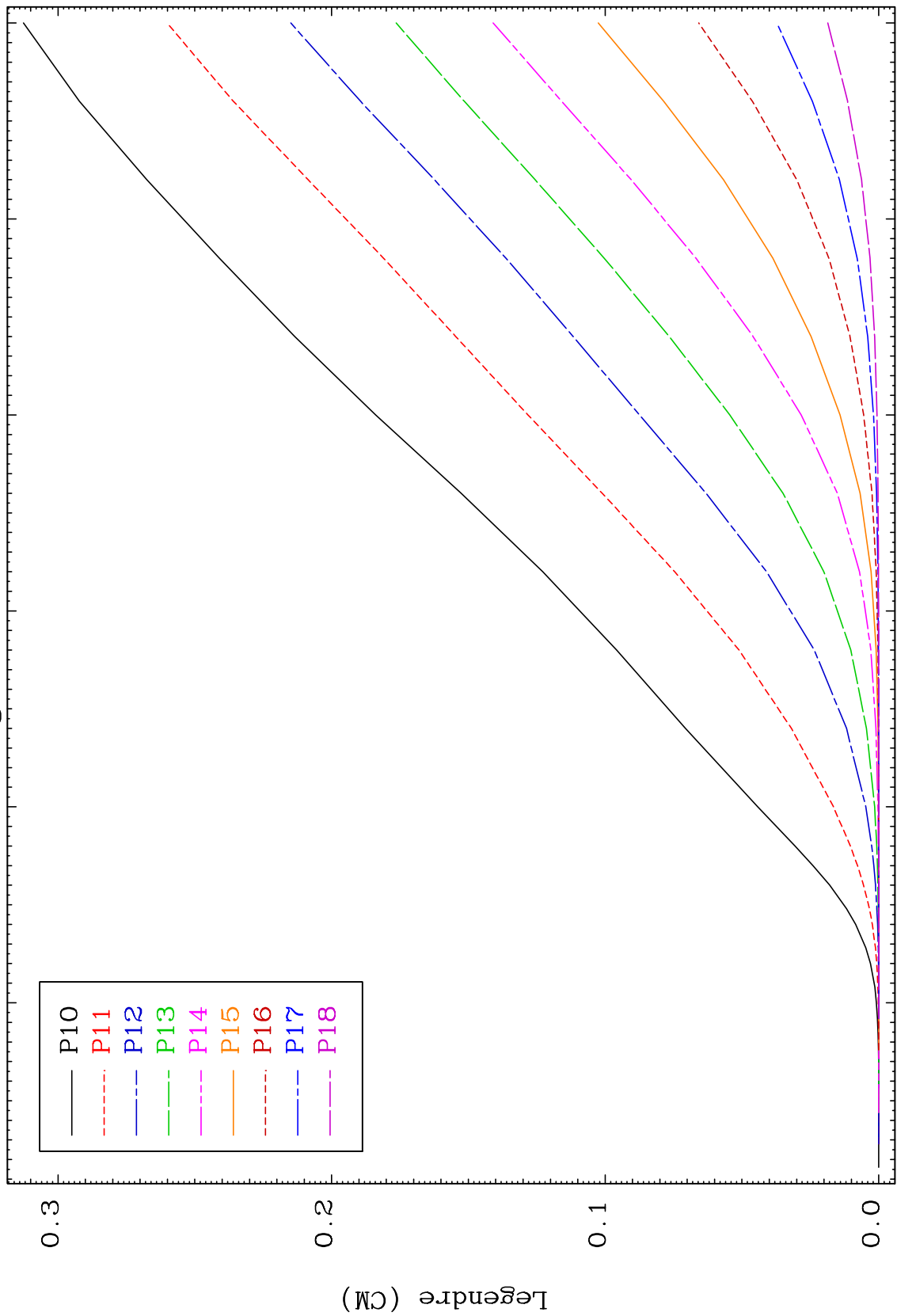
Incident Energy (MeV)

56-Ba-126

MAT 5613

Elastic Legendre Coefficients

56-Ba-126



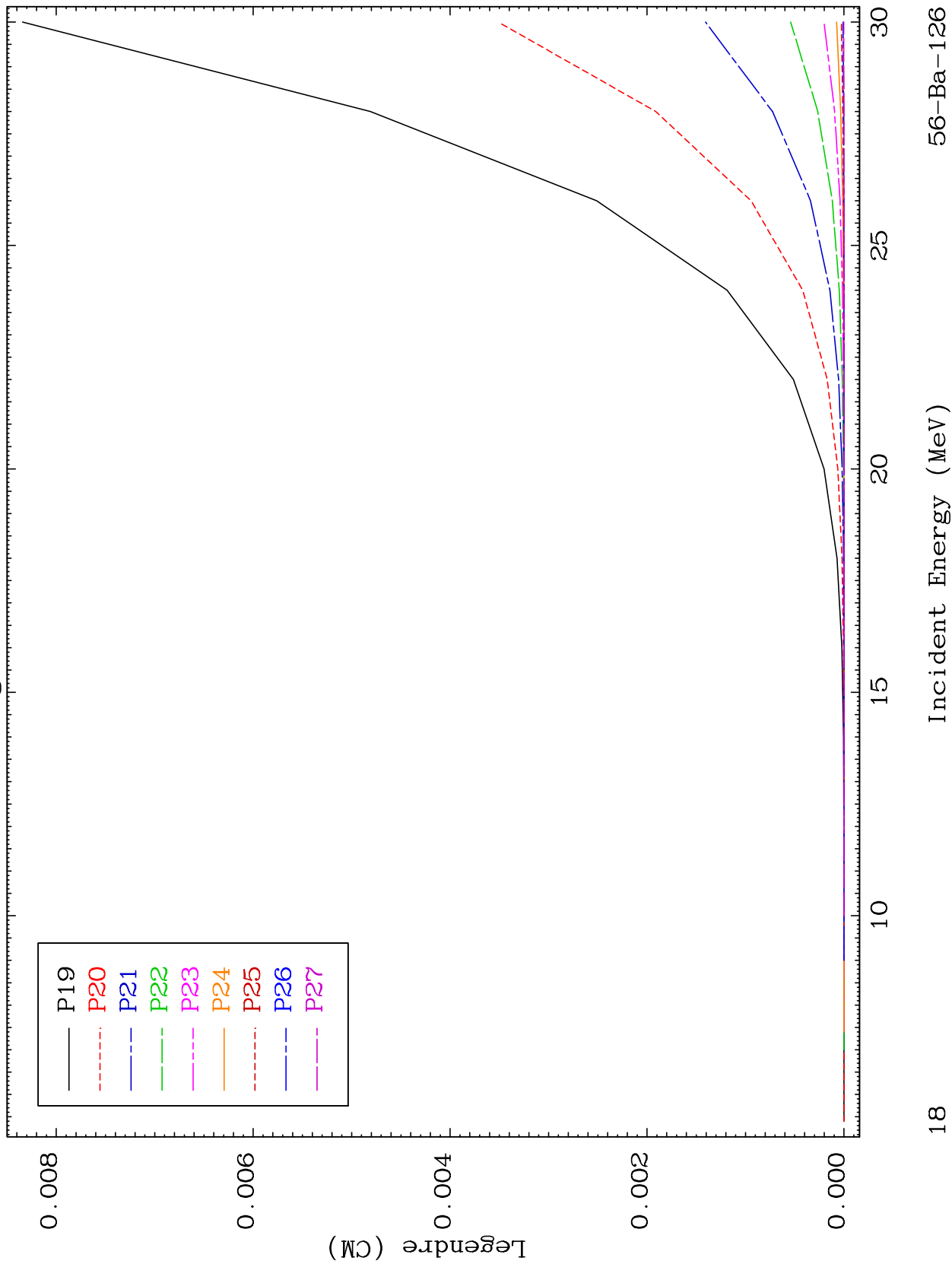
17

56-Ba-126

MAT 5613

Elastic Legendre Coefficients

56-Ba-126



18

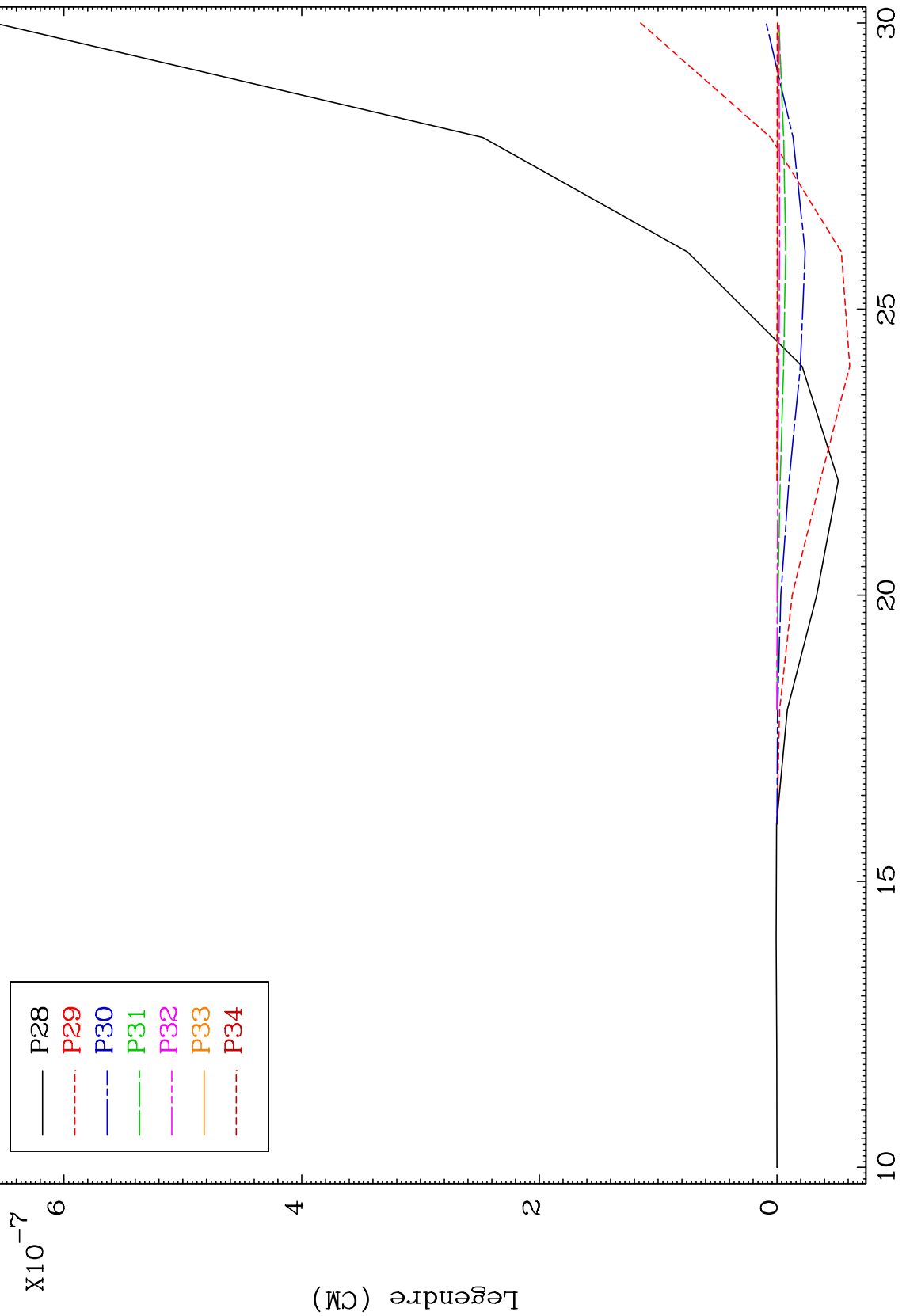
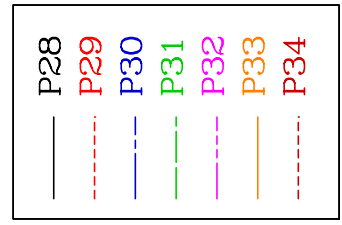
Incident Energy (MeV)

56-Ba-126

MAT 5613

Elastic
Legendre Coefficients

56-Ba-126



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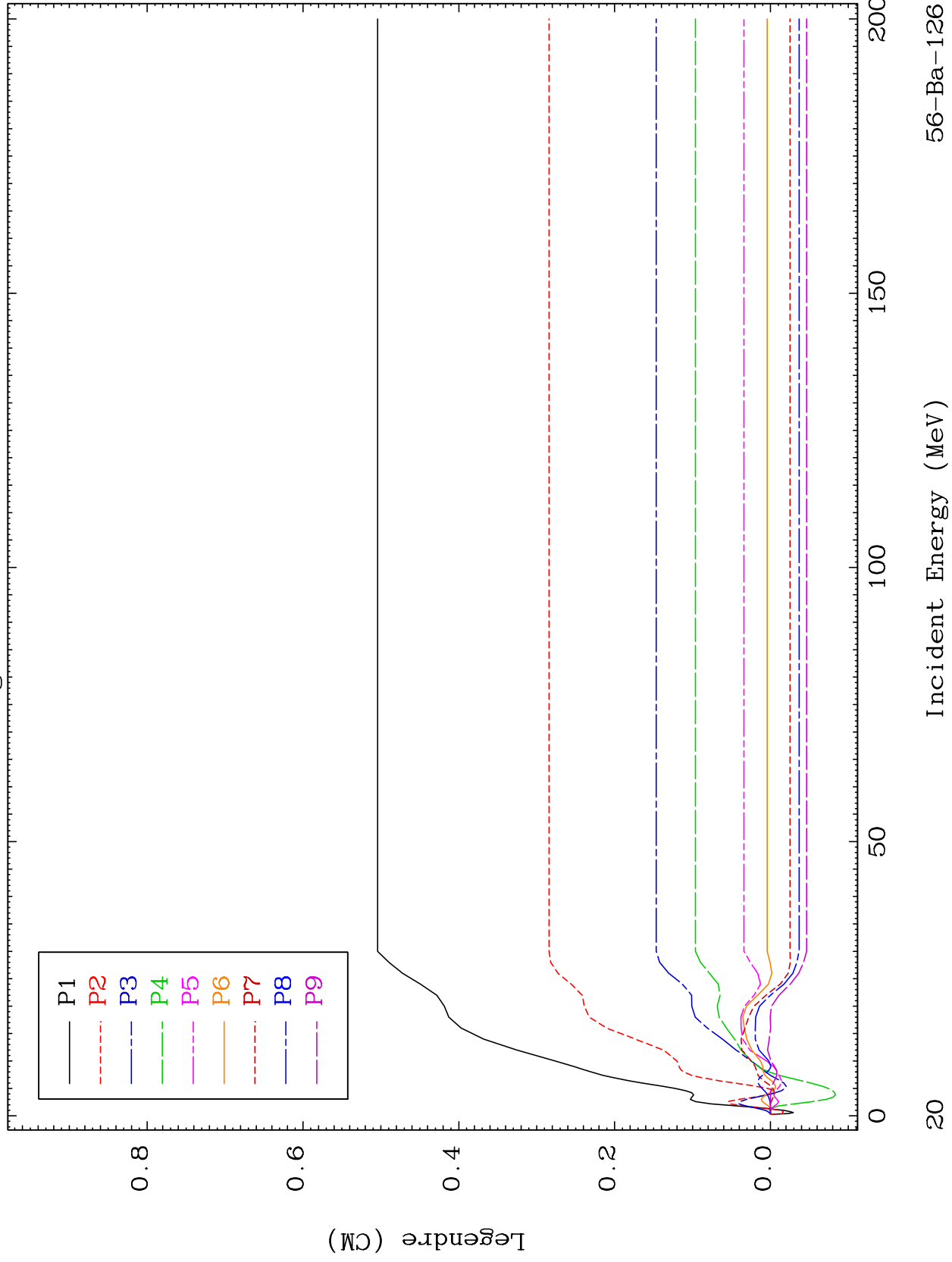
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



56-Ba-126

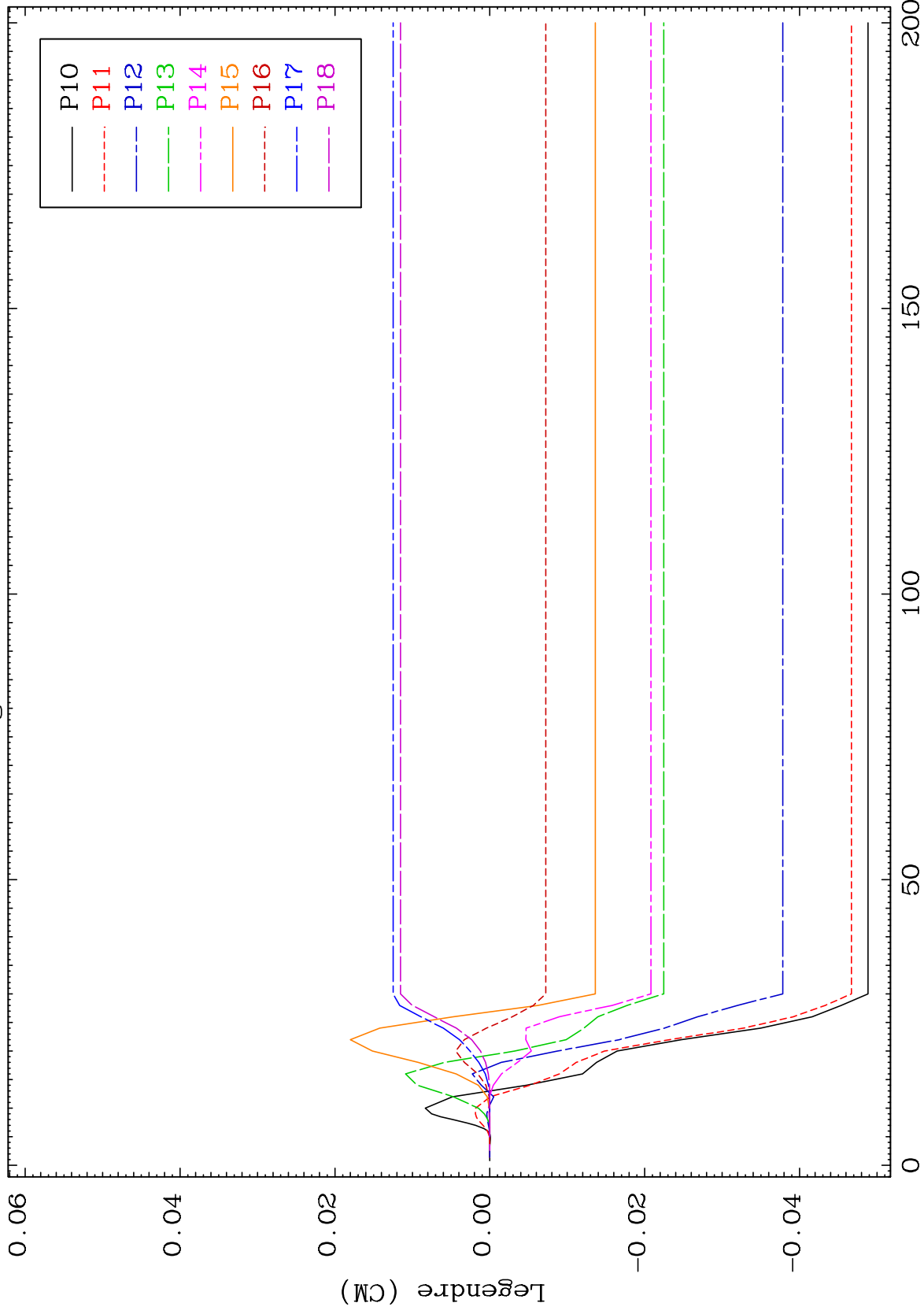
Incident Energy (MeV)

20

MAT 5613

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

56-Ba-126



21

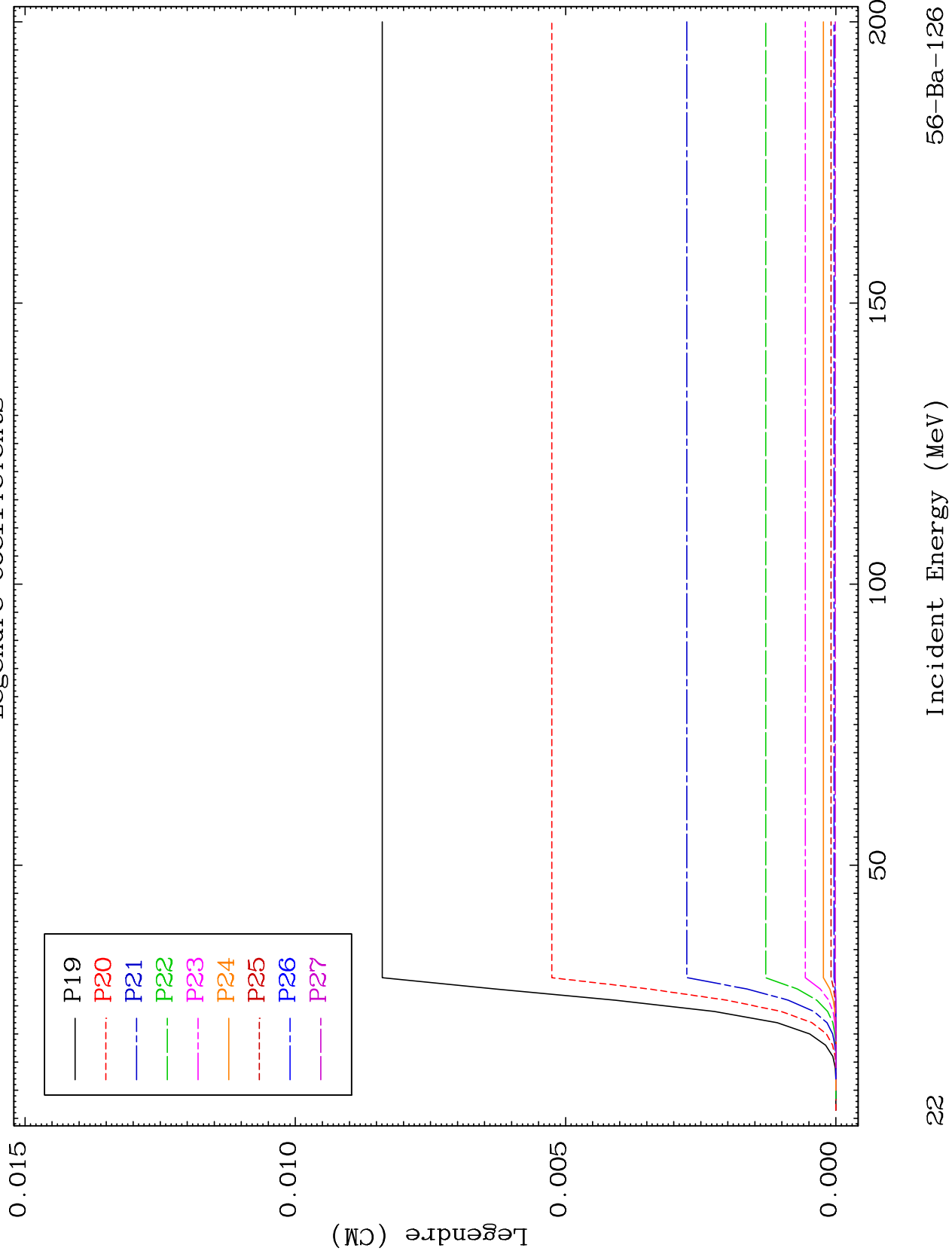
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

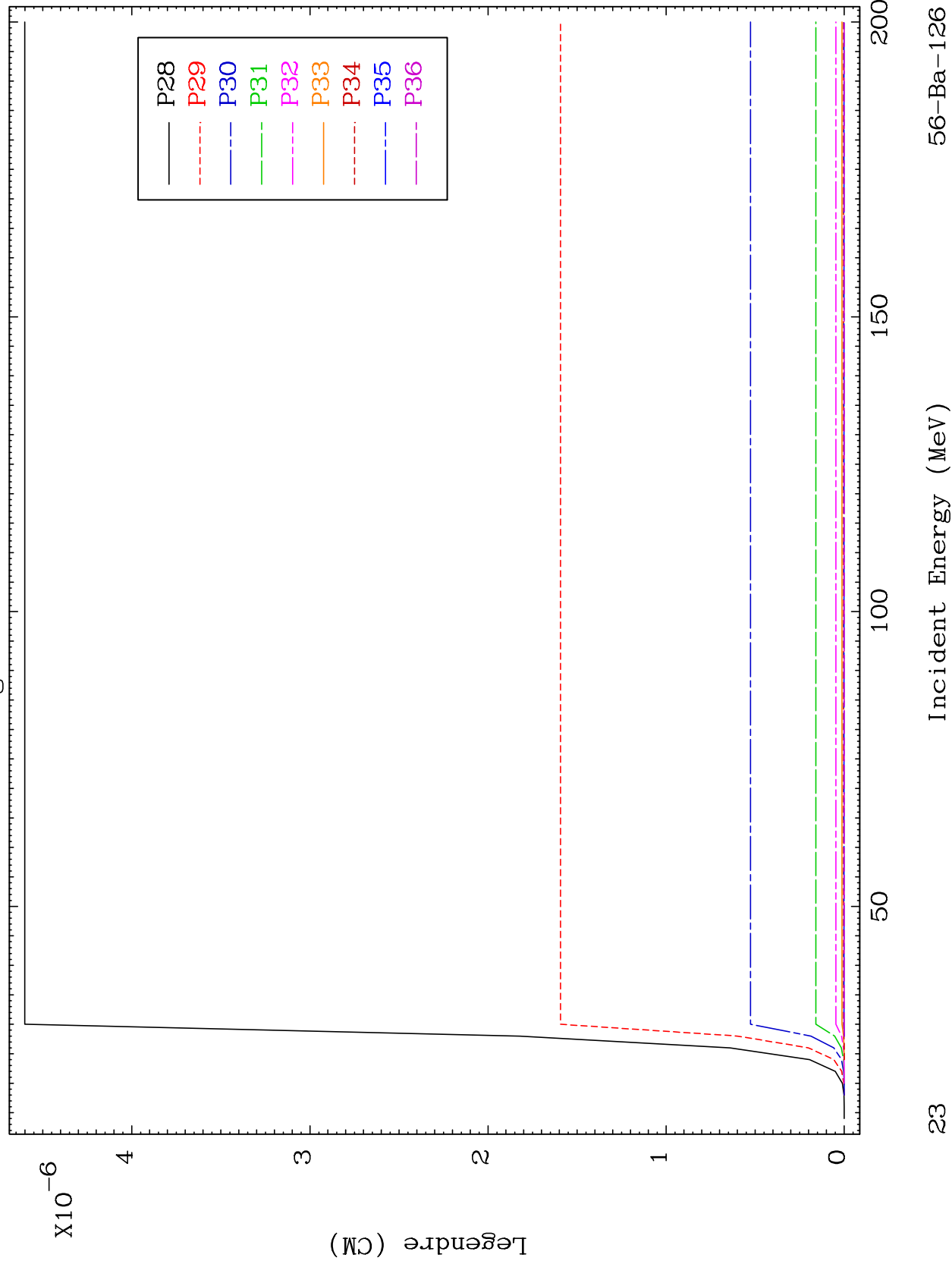
56-Ba-126



MAT 5613

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

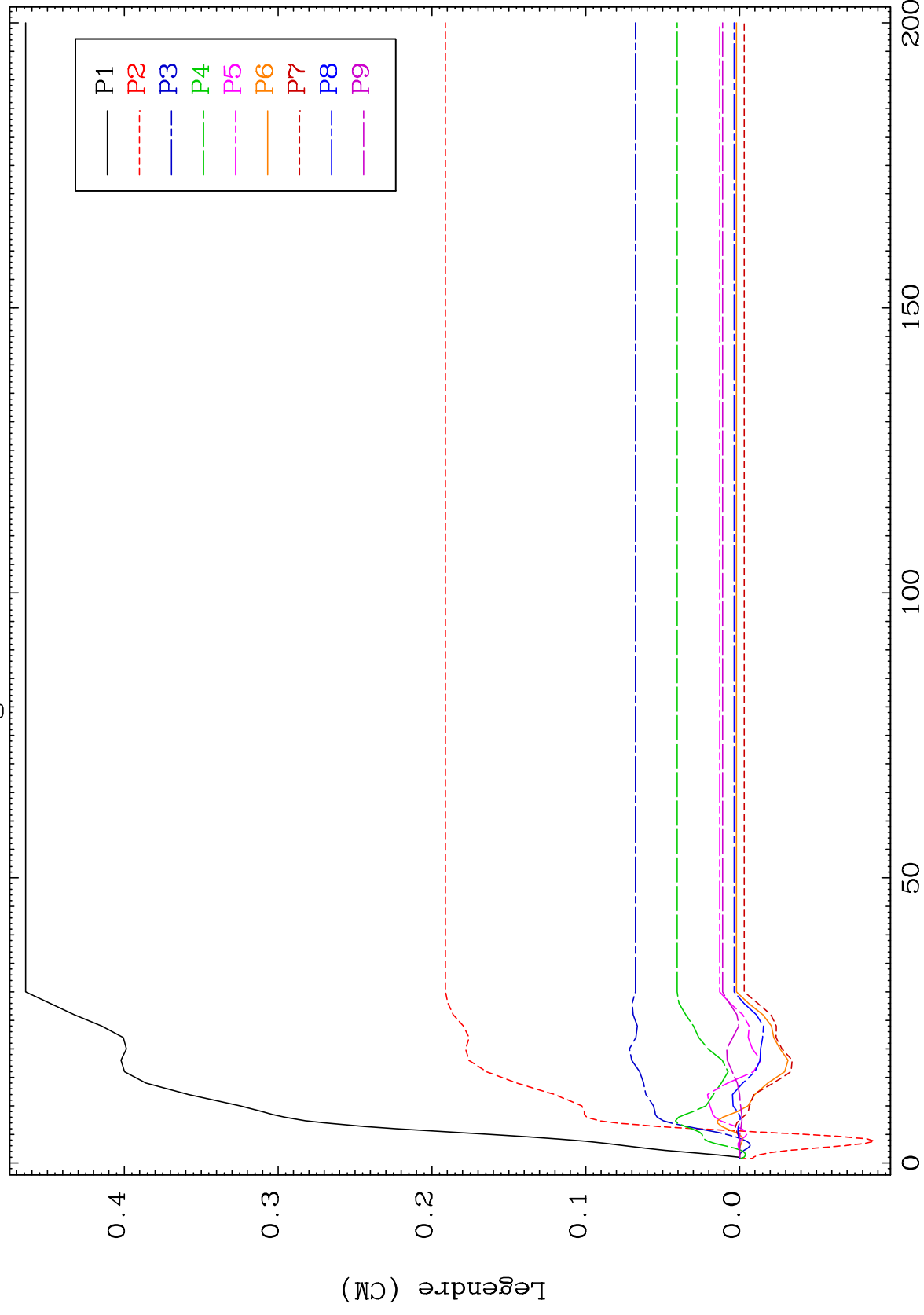
56-Ba-126



MAT 5613

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

56-Ba-126



24

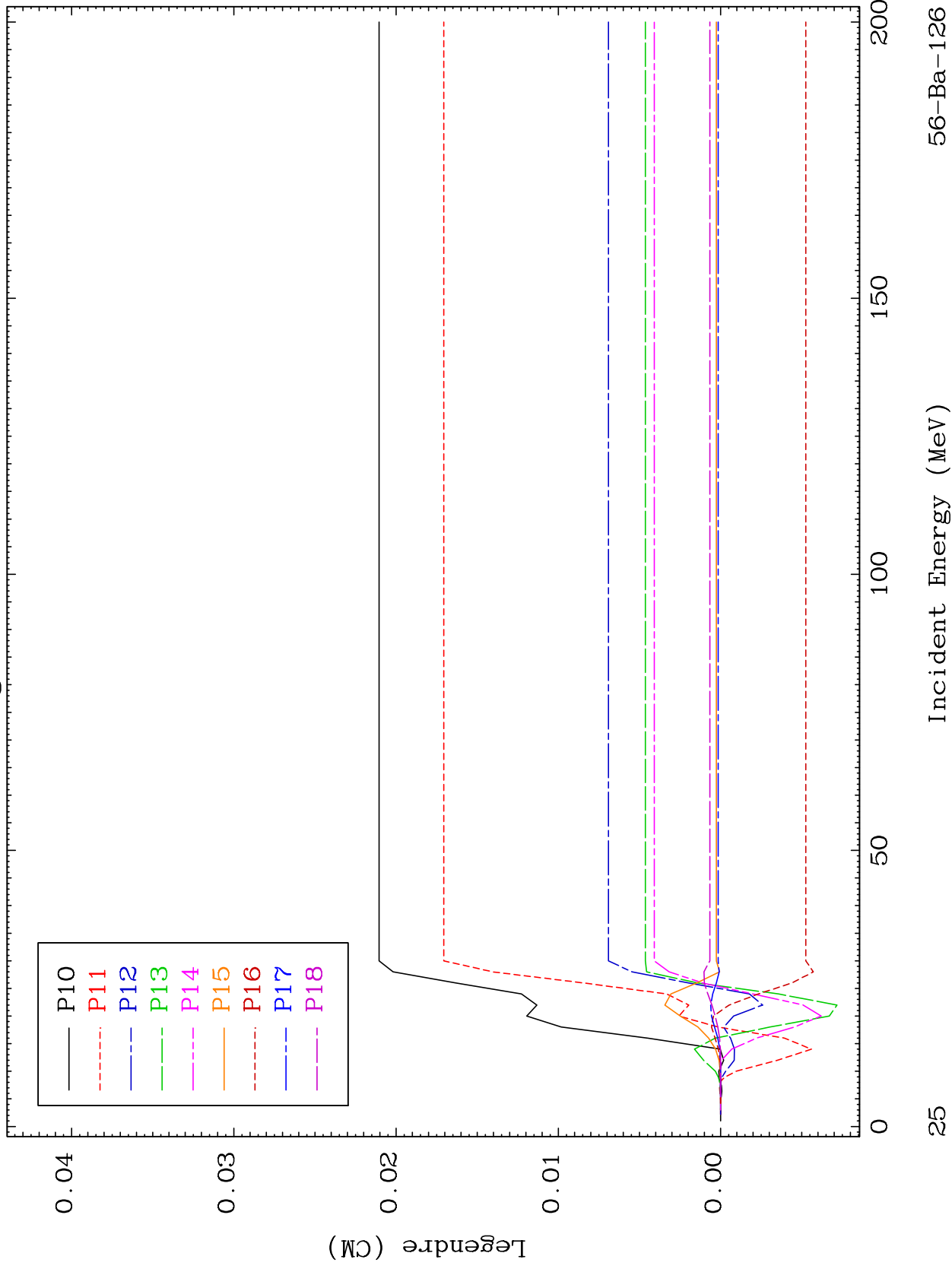
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

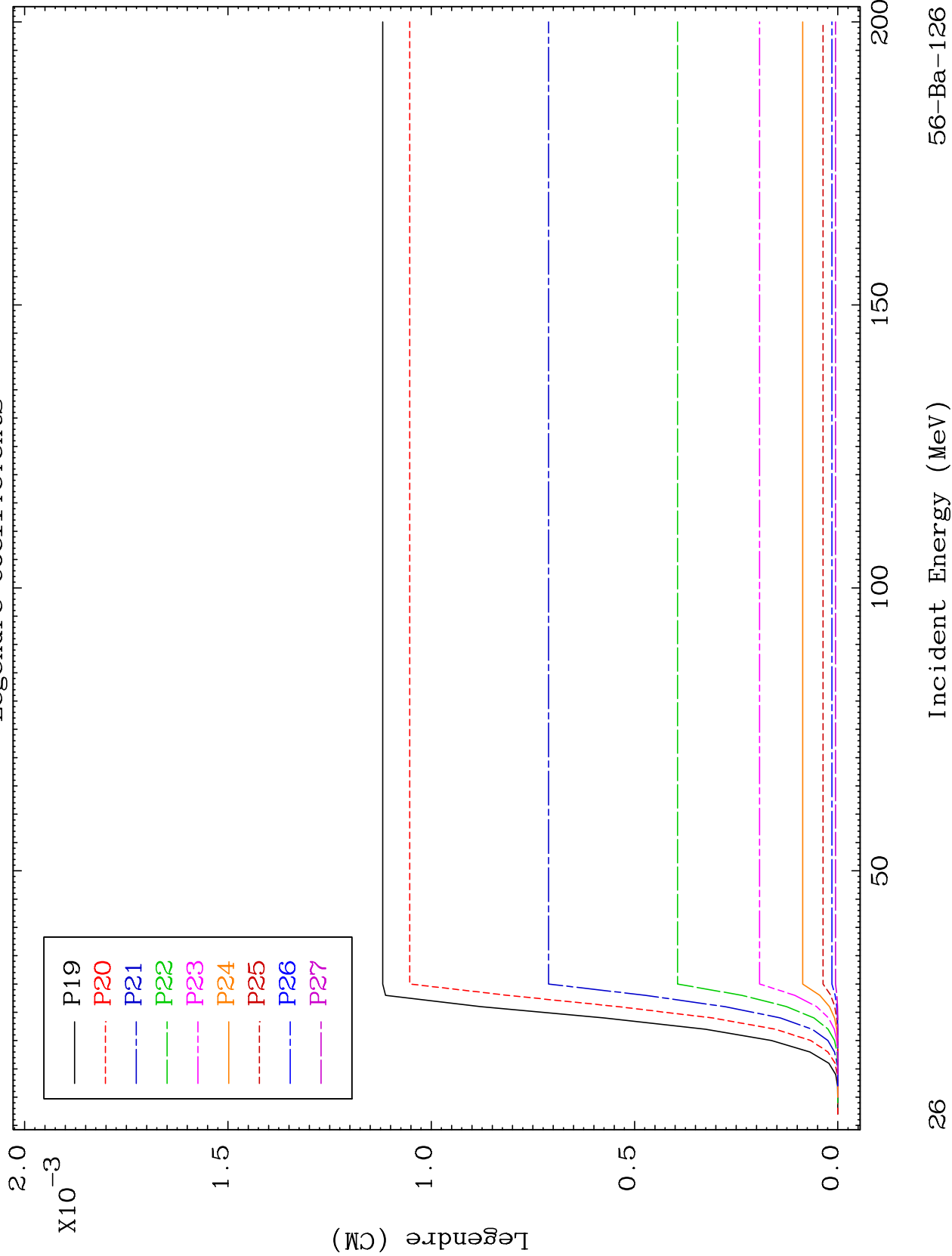
56-Ba-126



MAT 5613

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

56-Ba-126

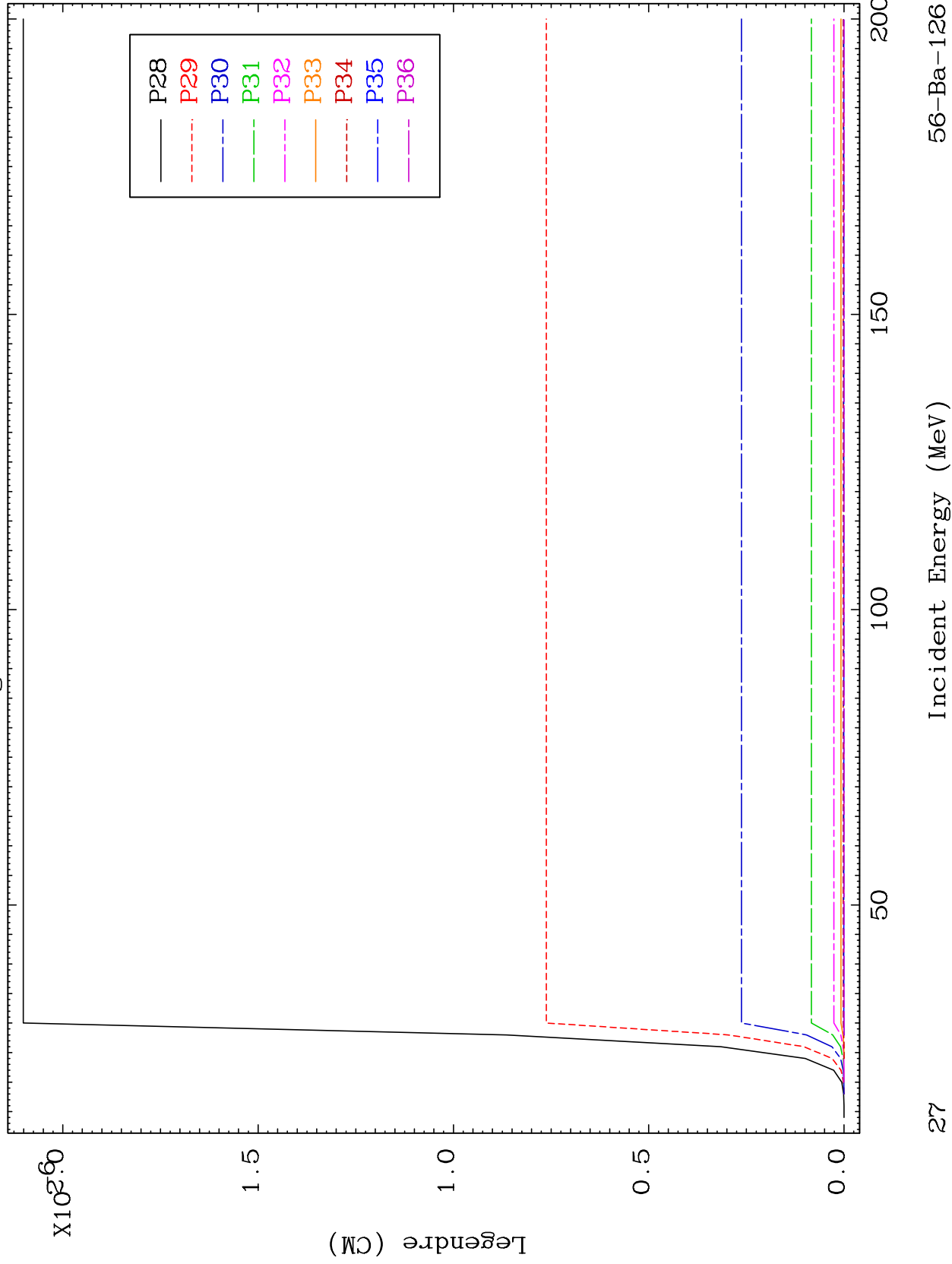


26

MAT 5613

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

56-Ba-126

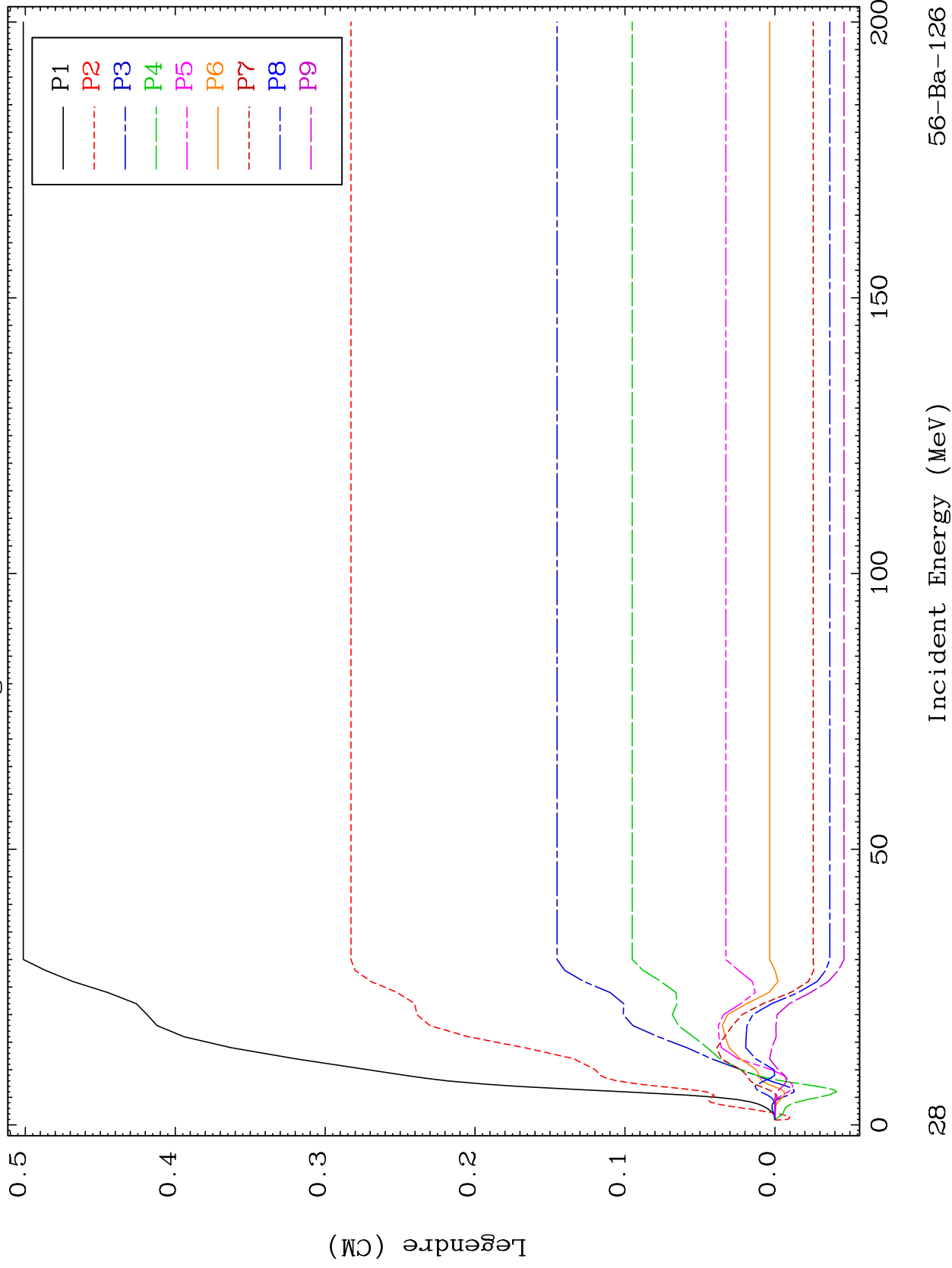


MAT 5613

MT= 53 (n,n') Level

56-Ba-126

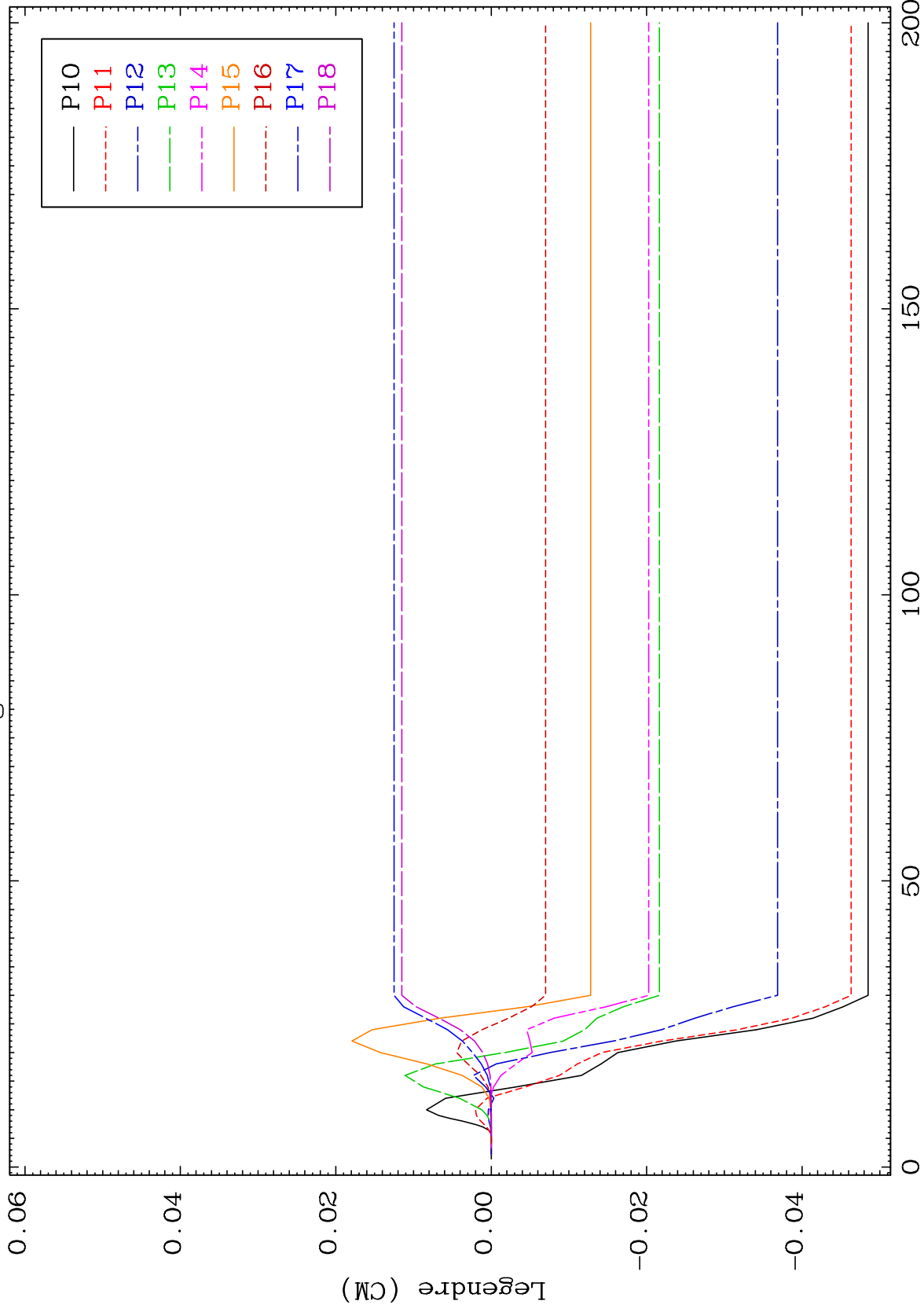
Legendre Coefficients



MAT 5613

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

56-Ba-126



29

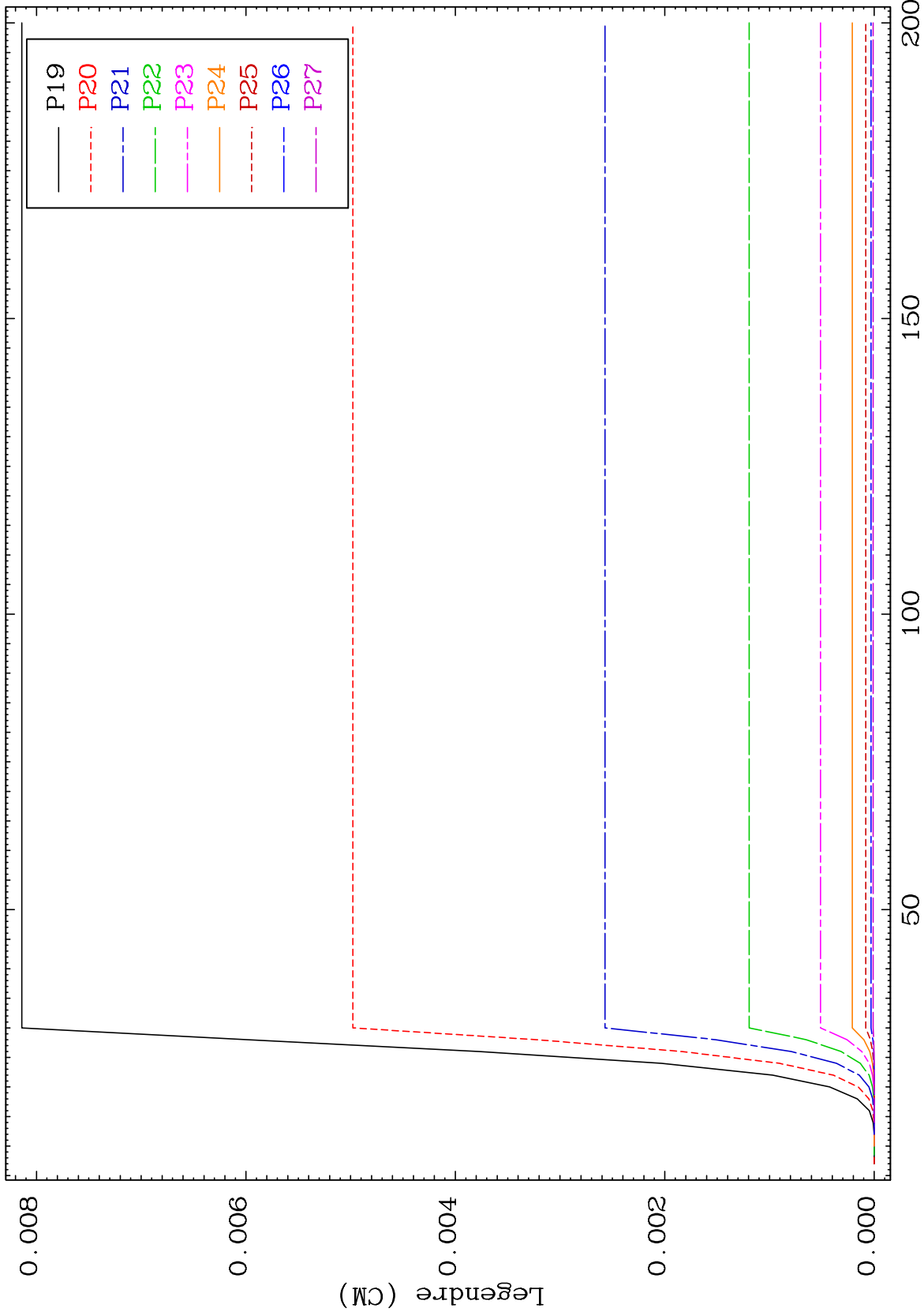
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



30

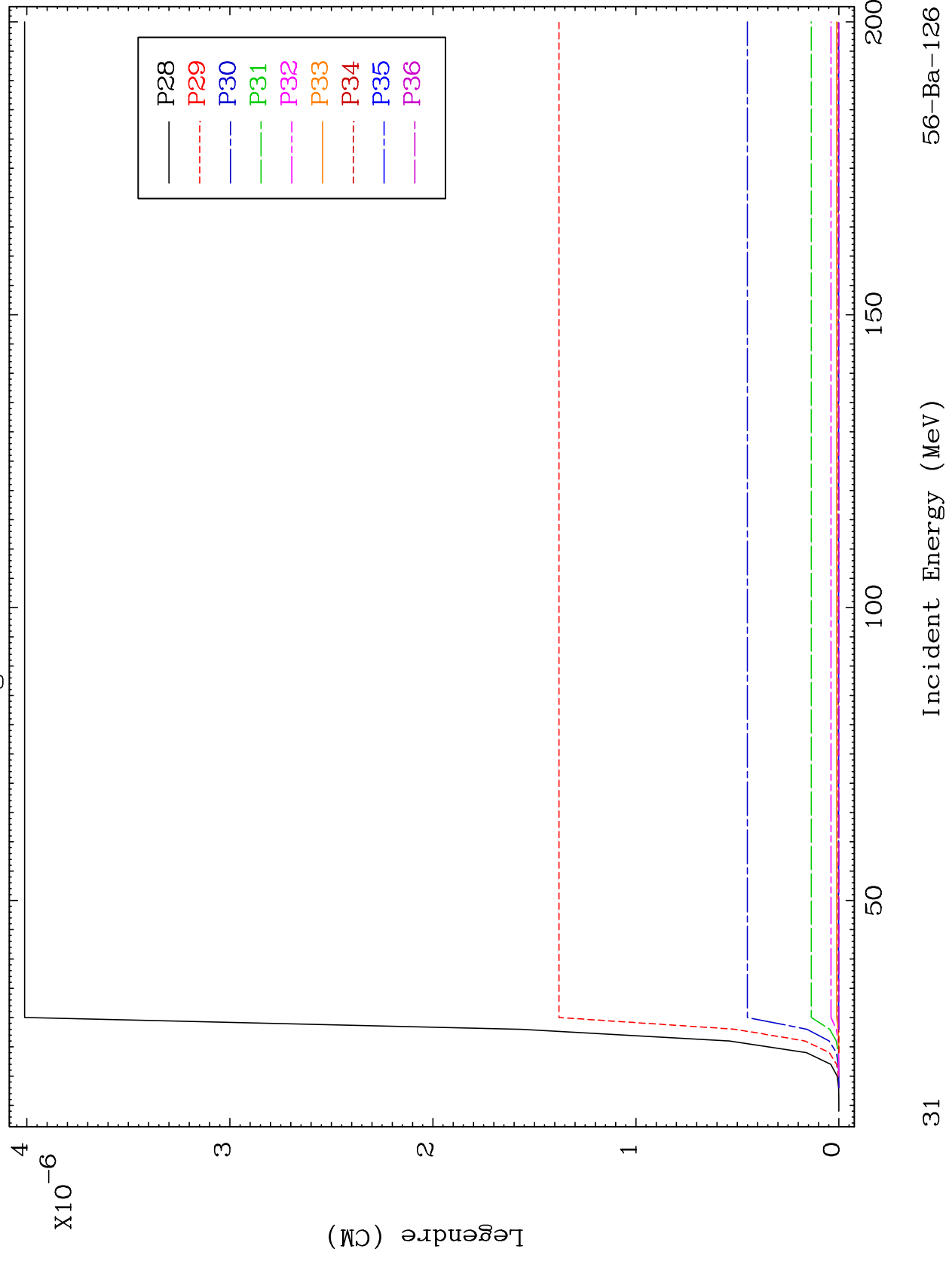
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

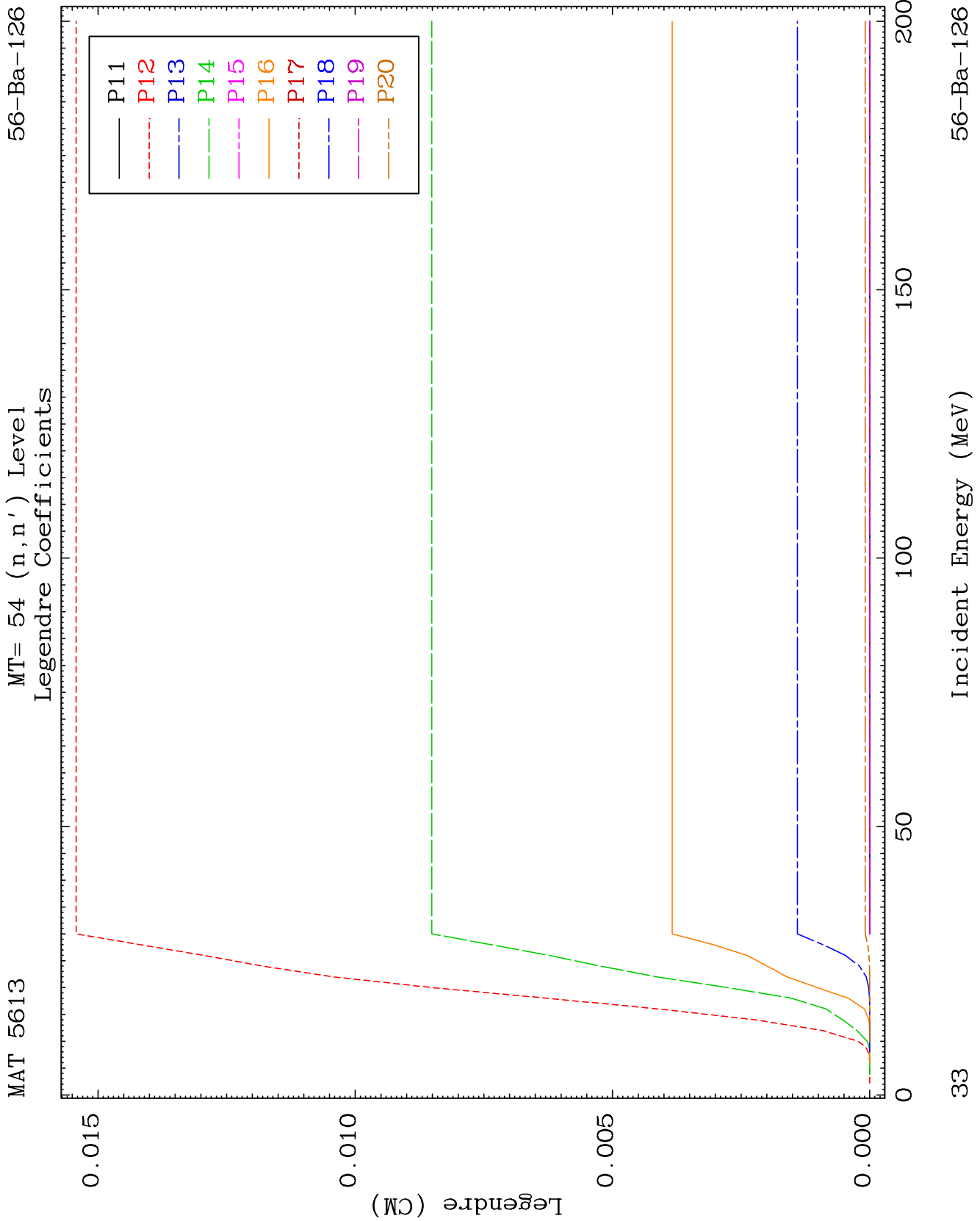
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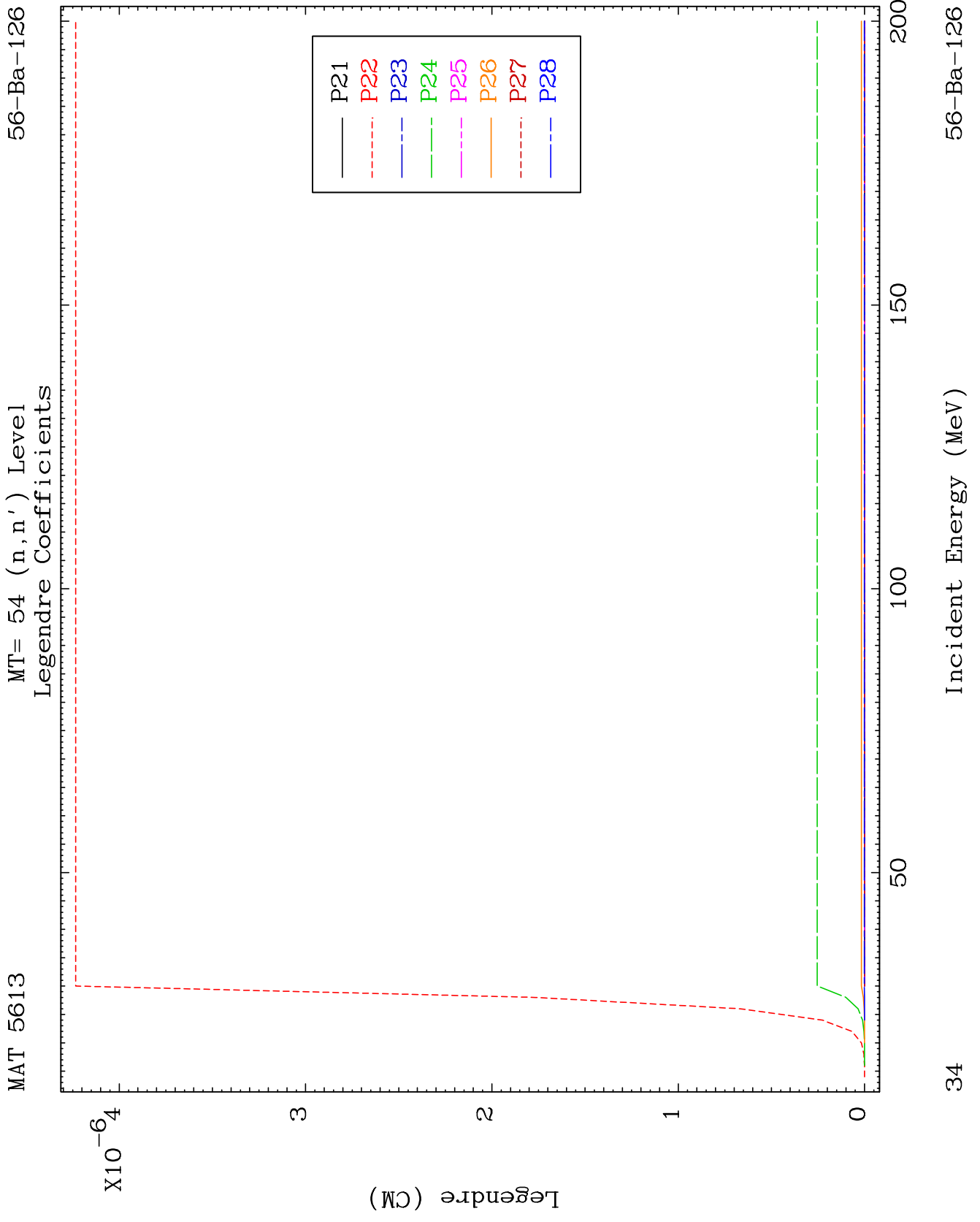


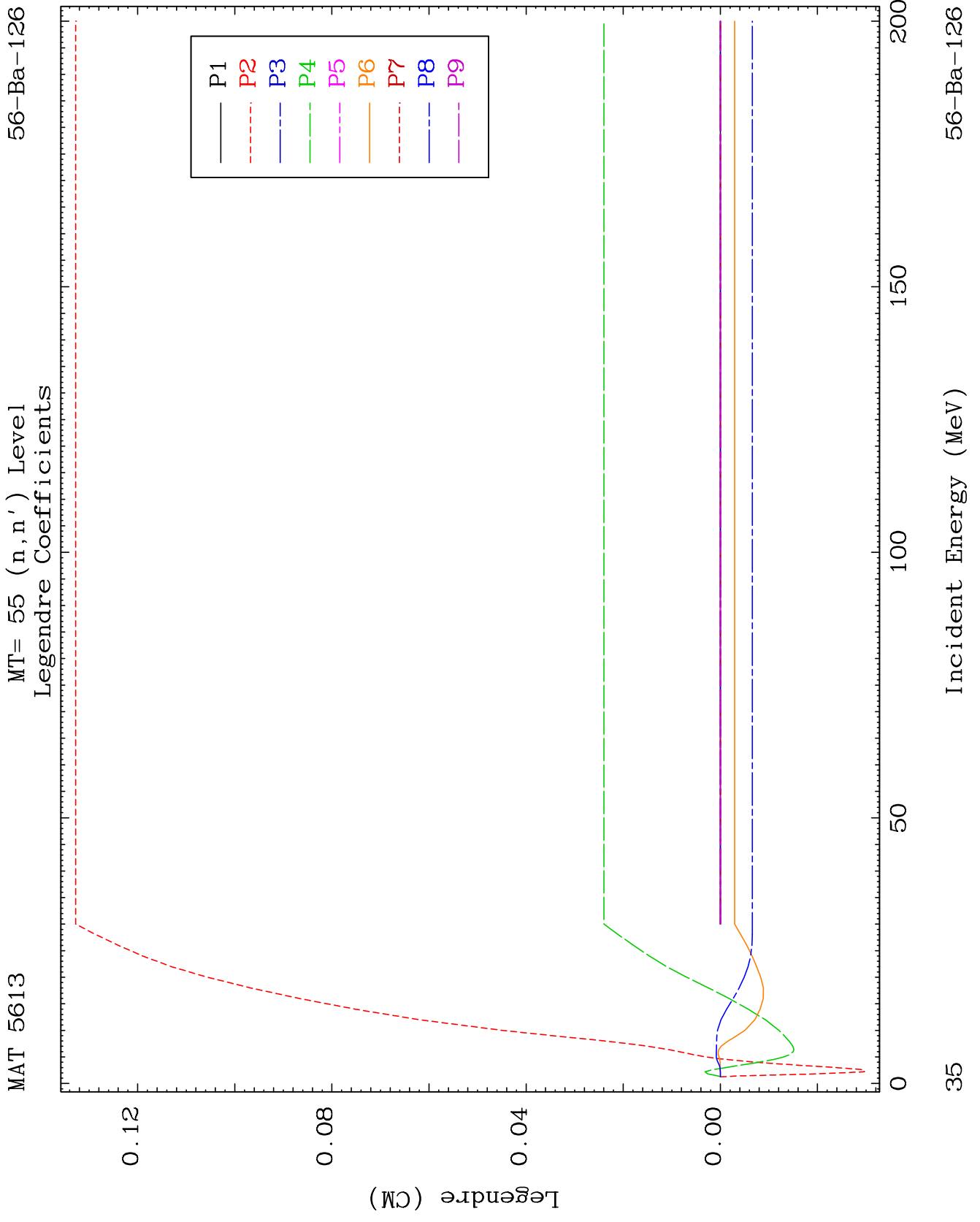
31

Incident Energy (MeV)

56-Ba-126



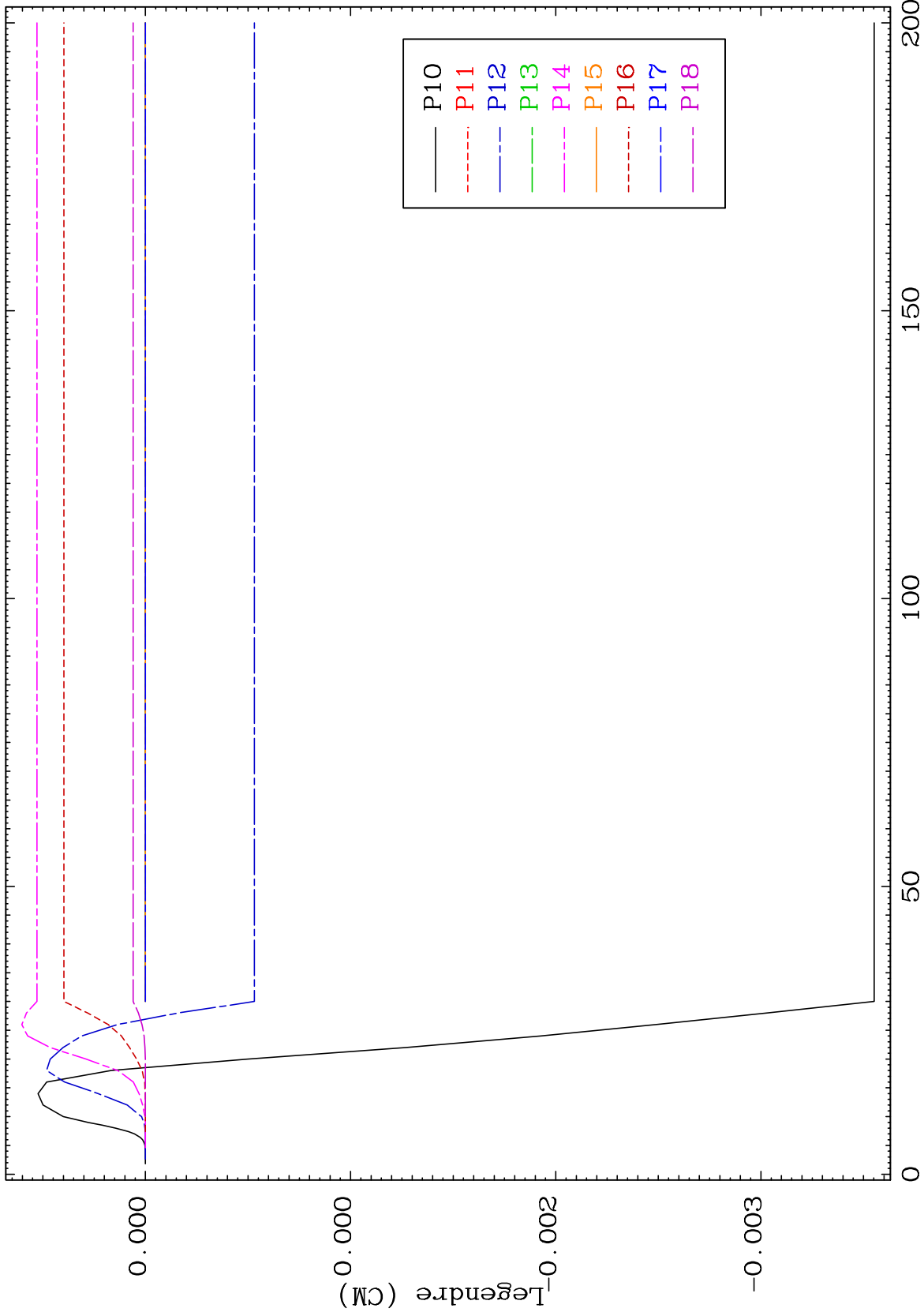




MAT 5613

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

56-Ba-126



36

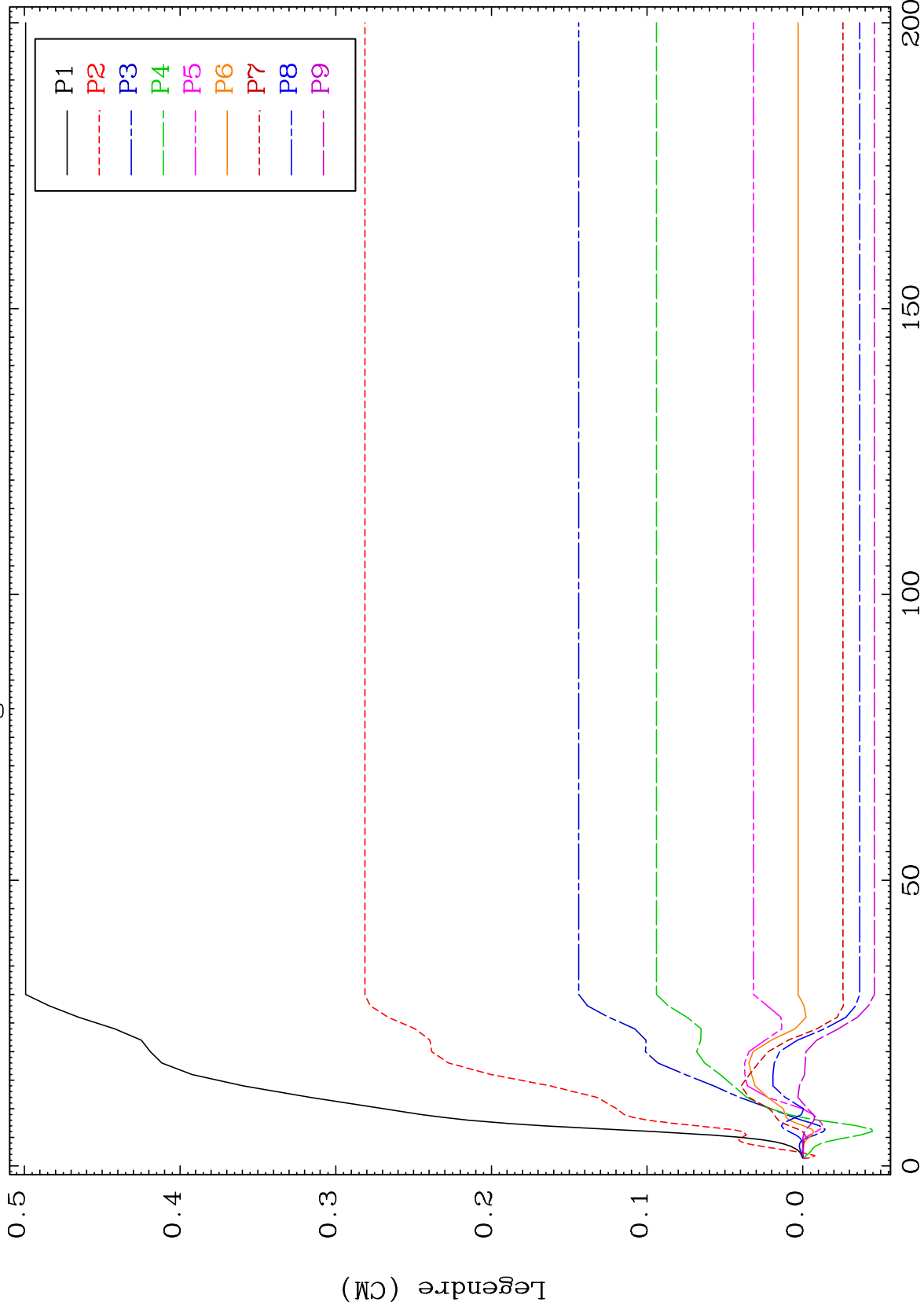
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



38

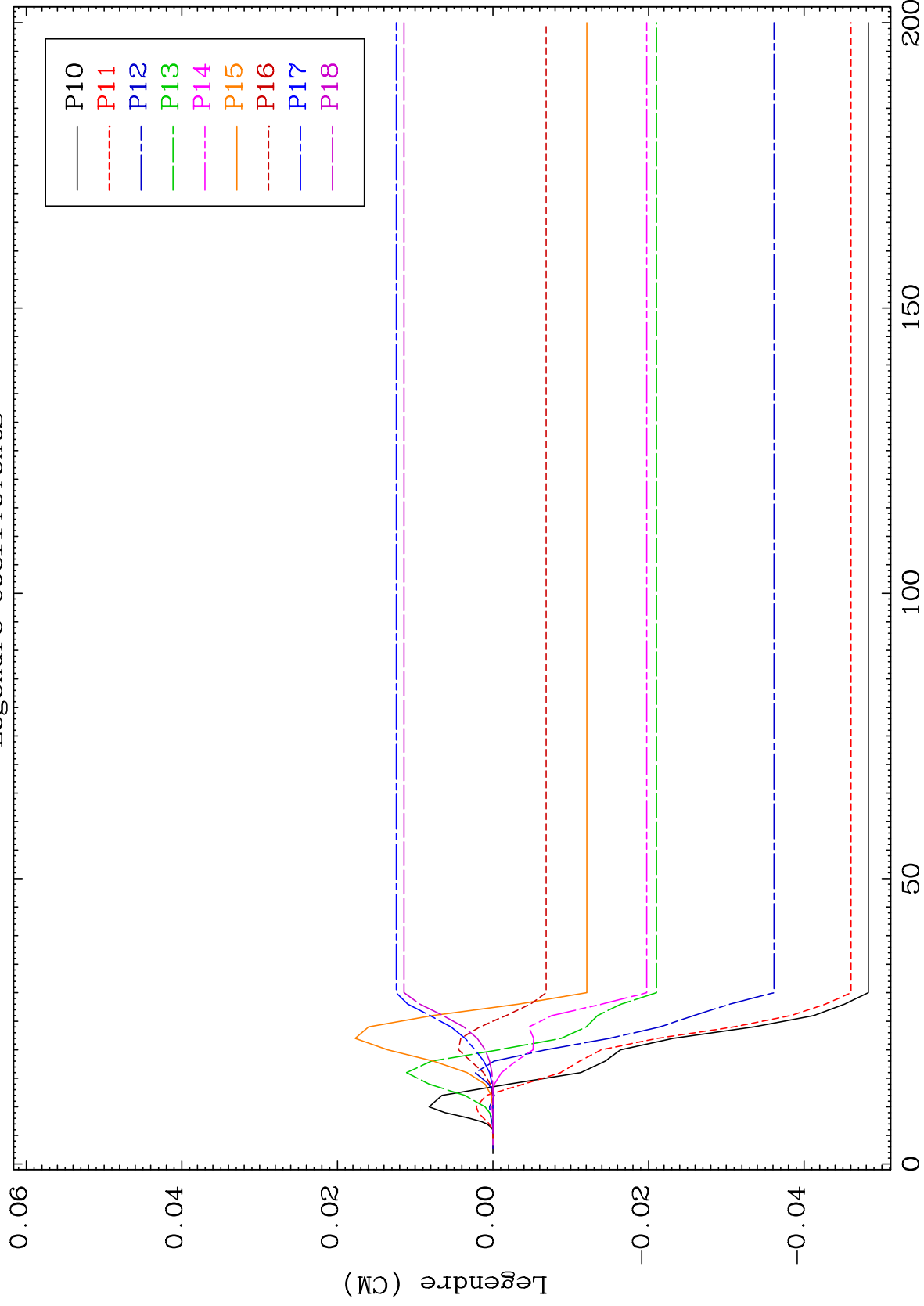
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

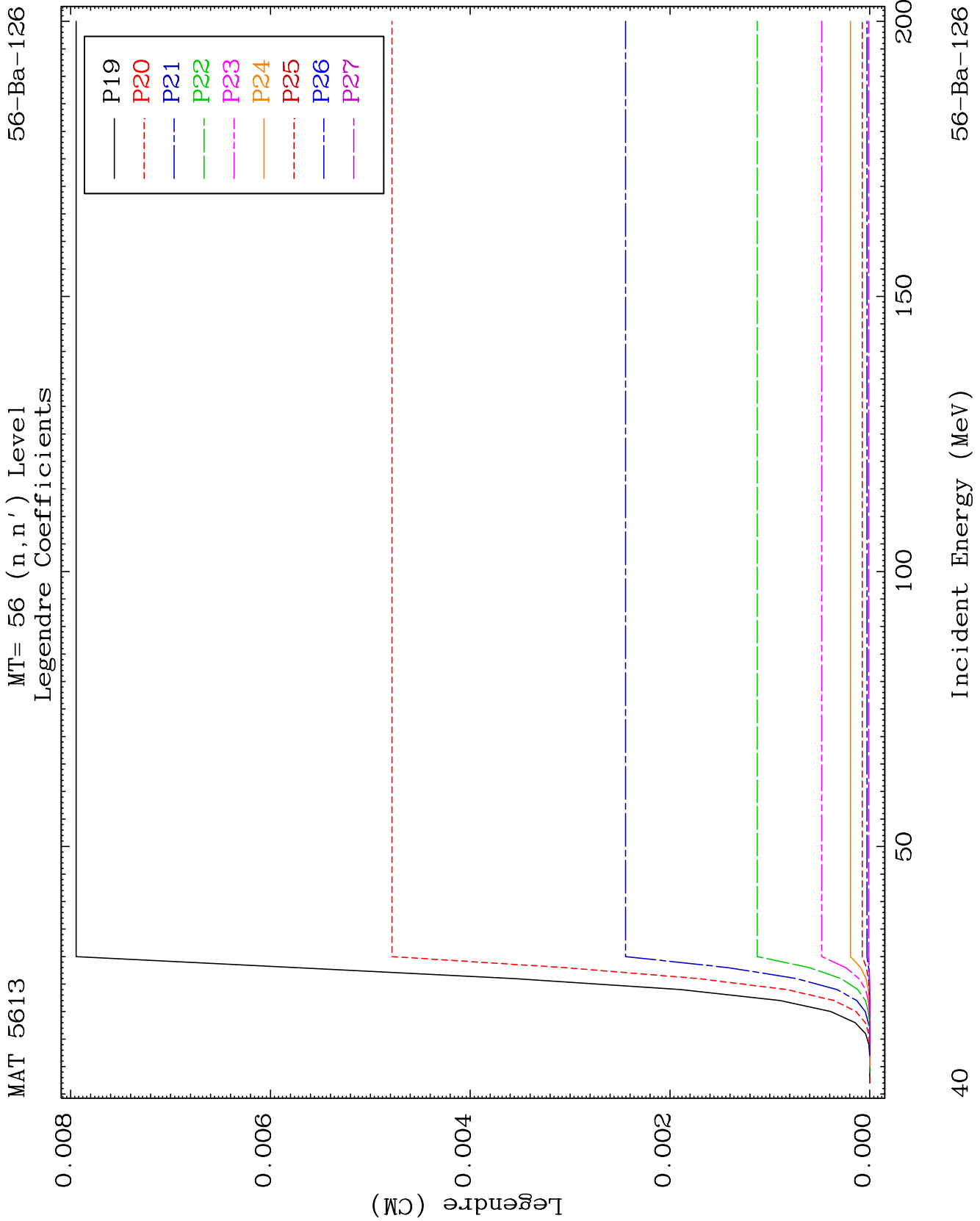
56-Ba-126



39

Incident Energy (MeV)

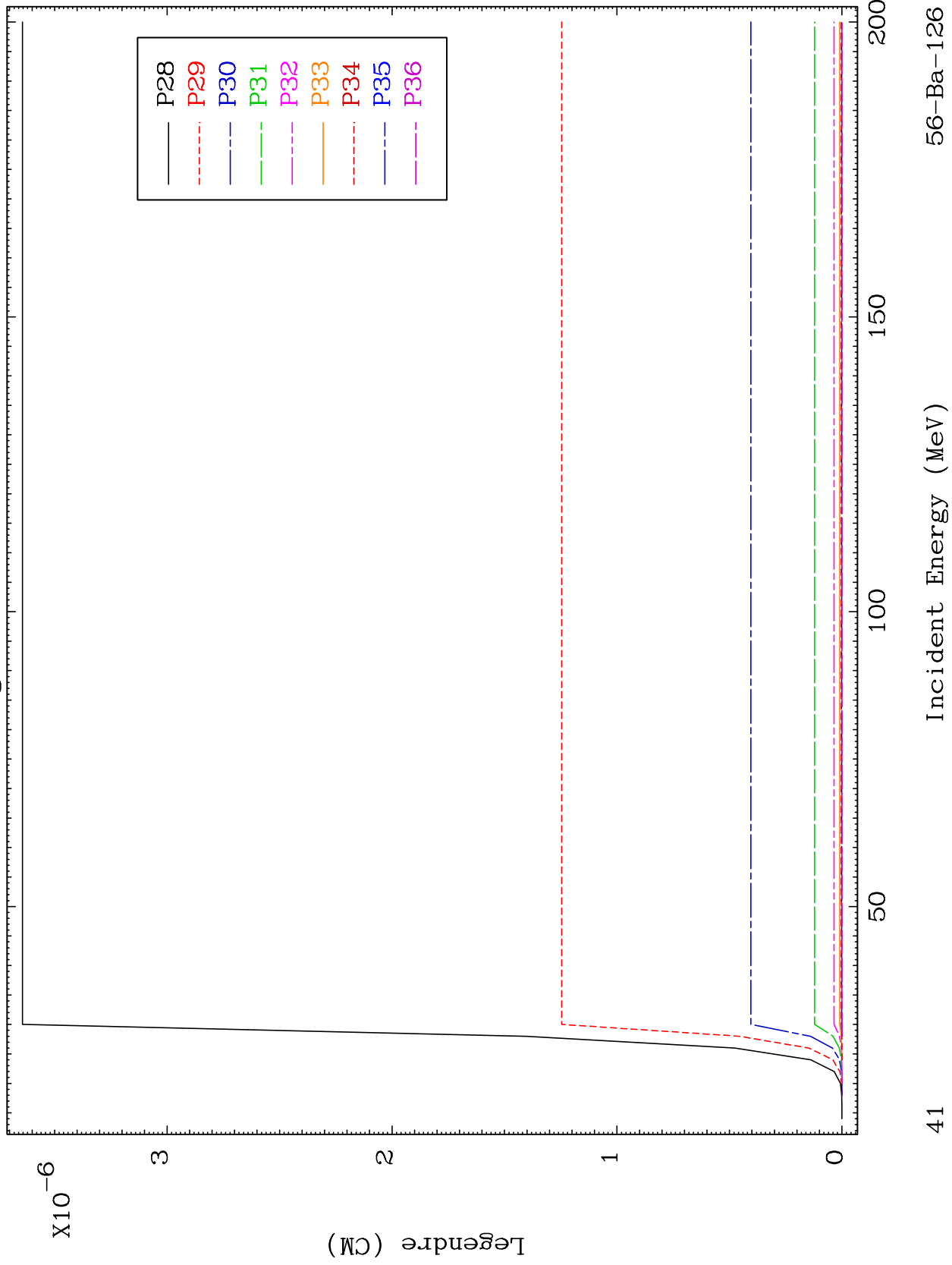
56-Ba-126



MAT 5613

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

56-Ba-126

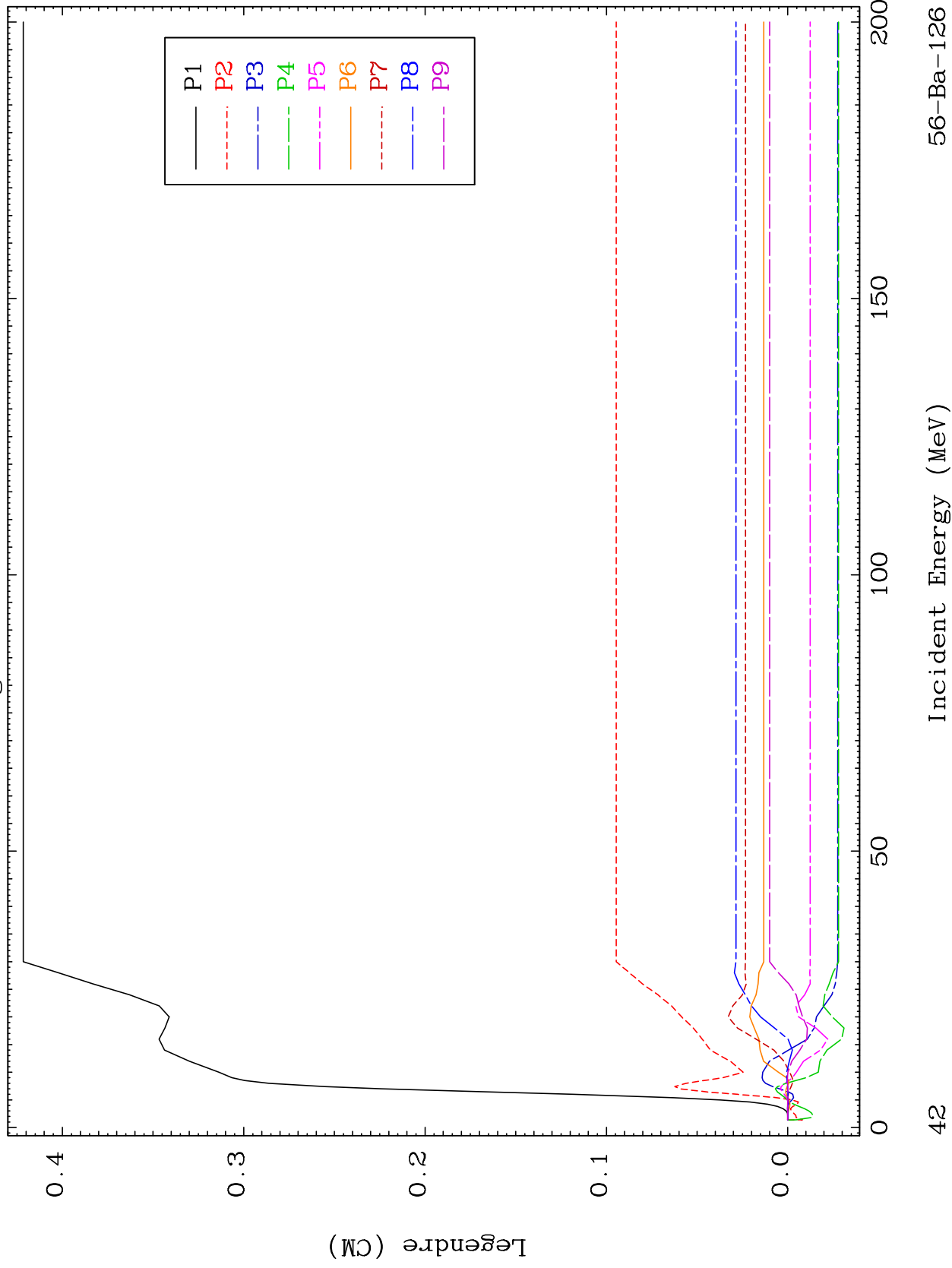


41

MAT 5613

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

56-Ba-126



56-Ba-126

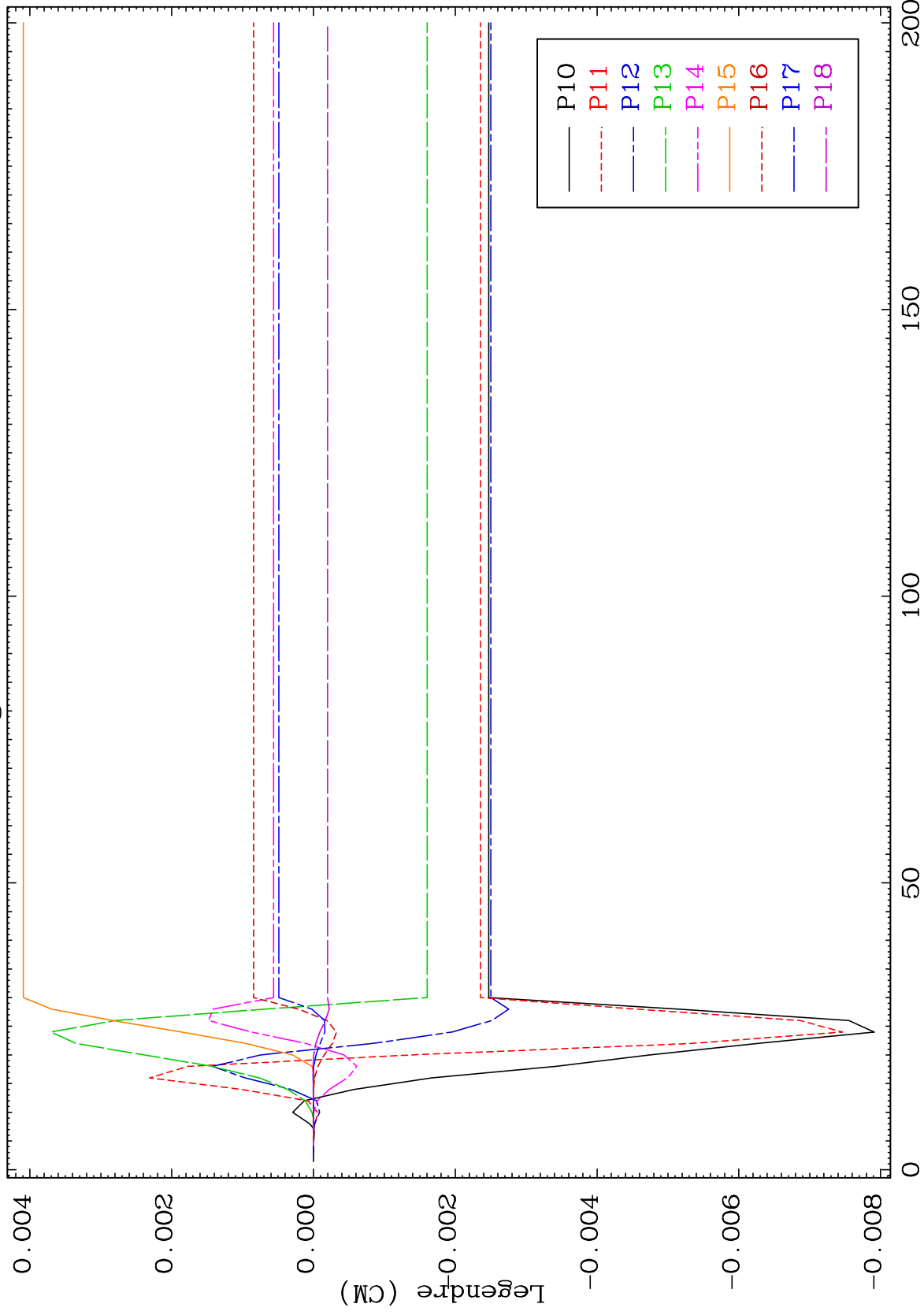
Incident Energy (MeV)

42

MAT 5613

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

56-Ba-126



43

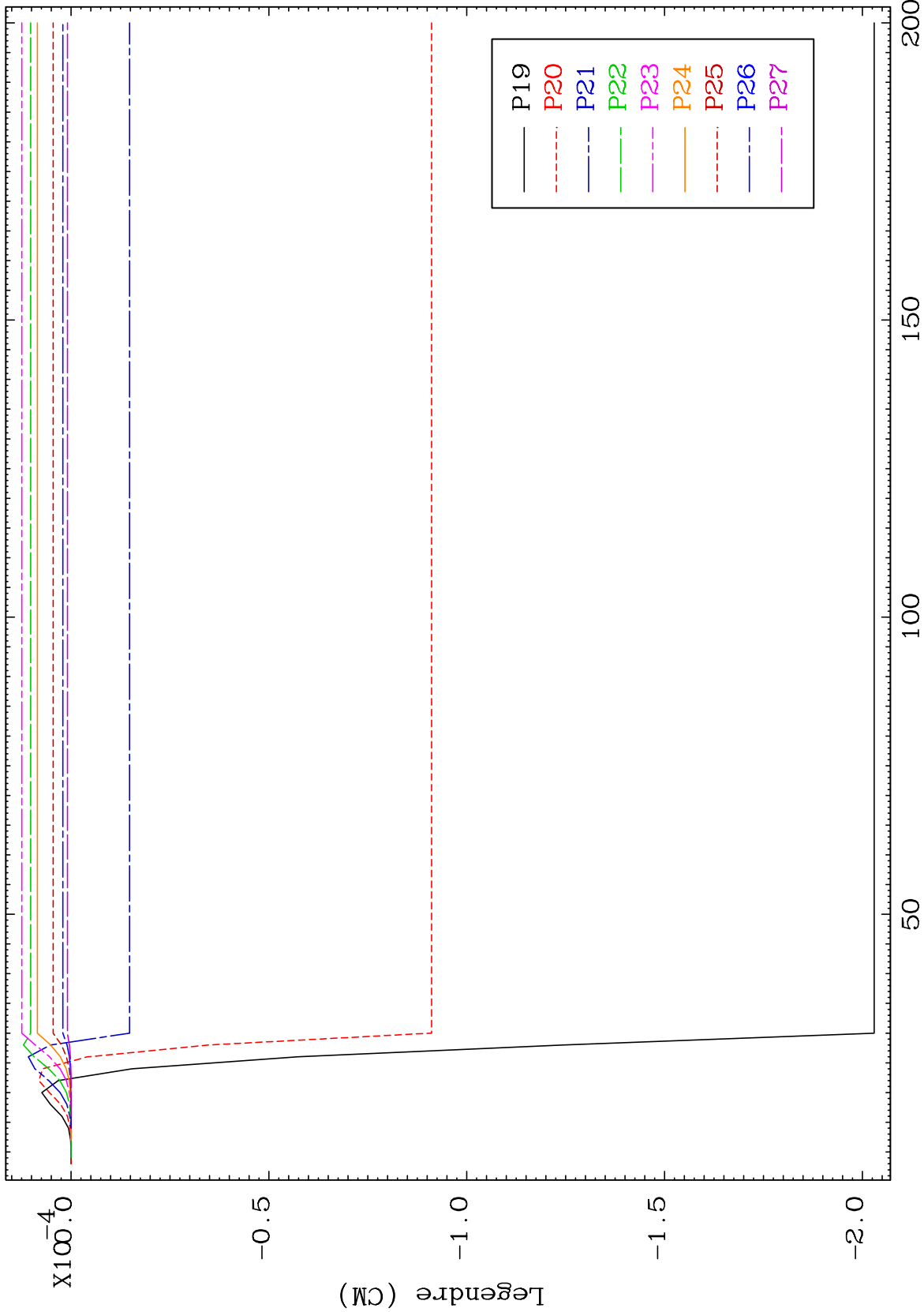
56-Ba-126

MAT 5613

MT= 57 (n,n') Level

56-Ba-126

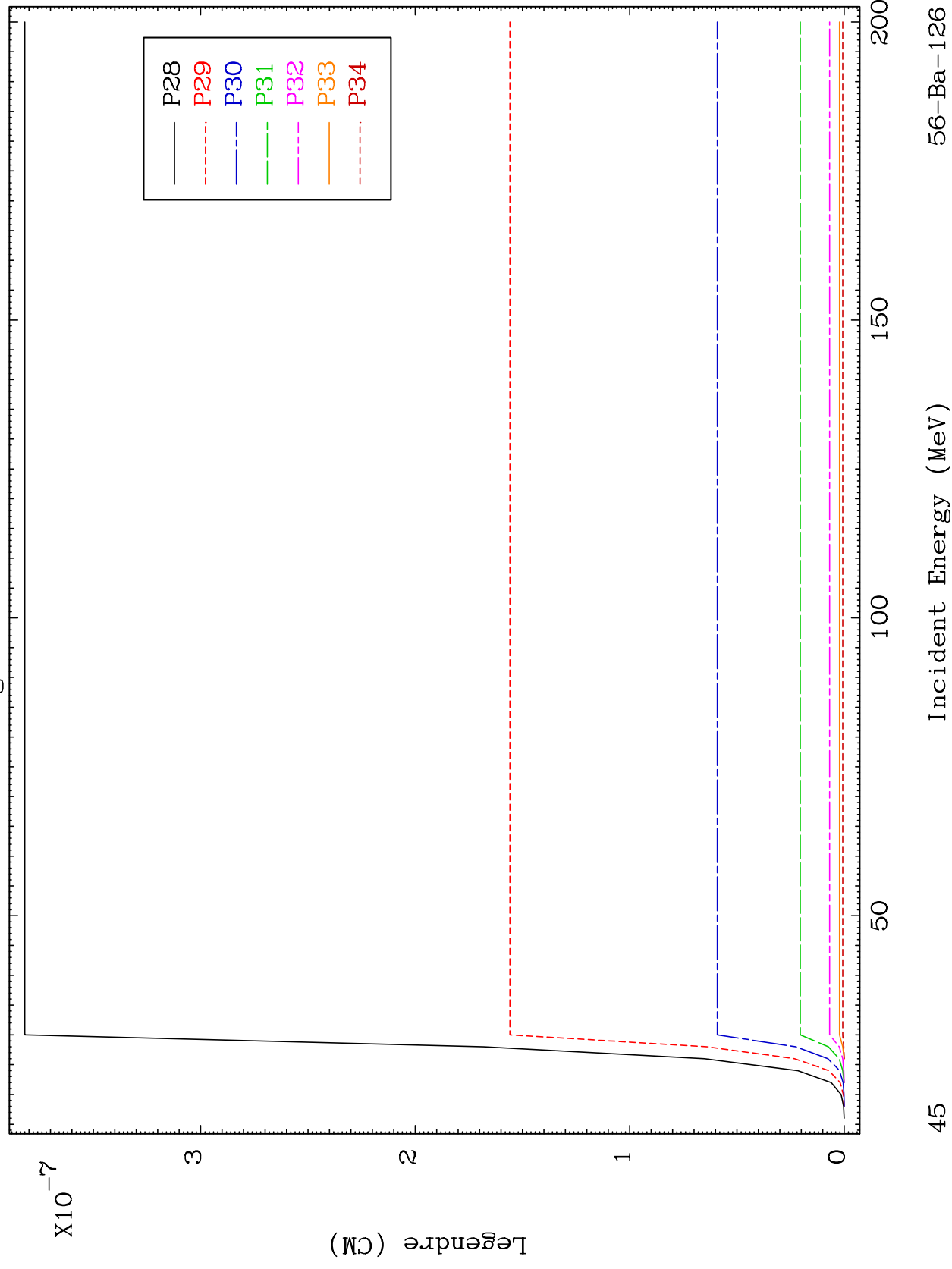
Legendre Coefficients



MAT 5613

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

56-Ba-126



56-Ba-126

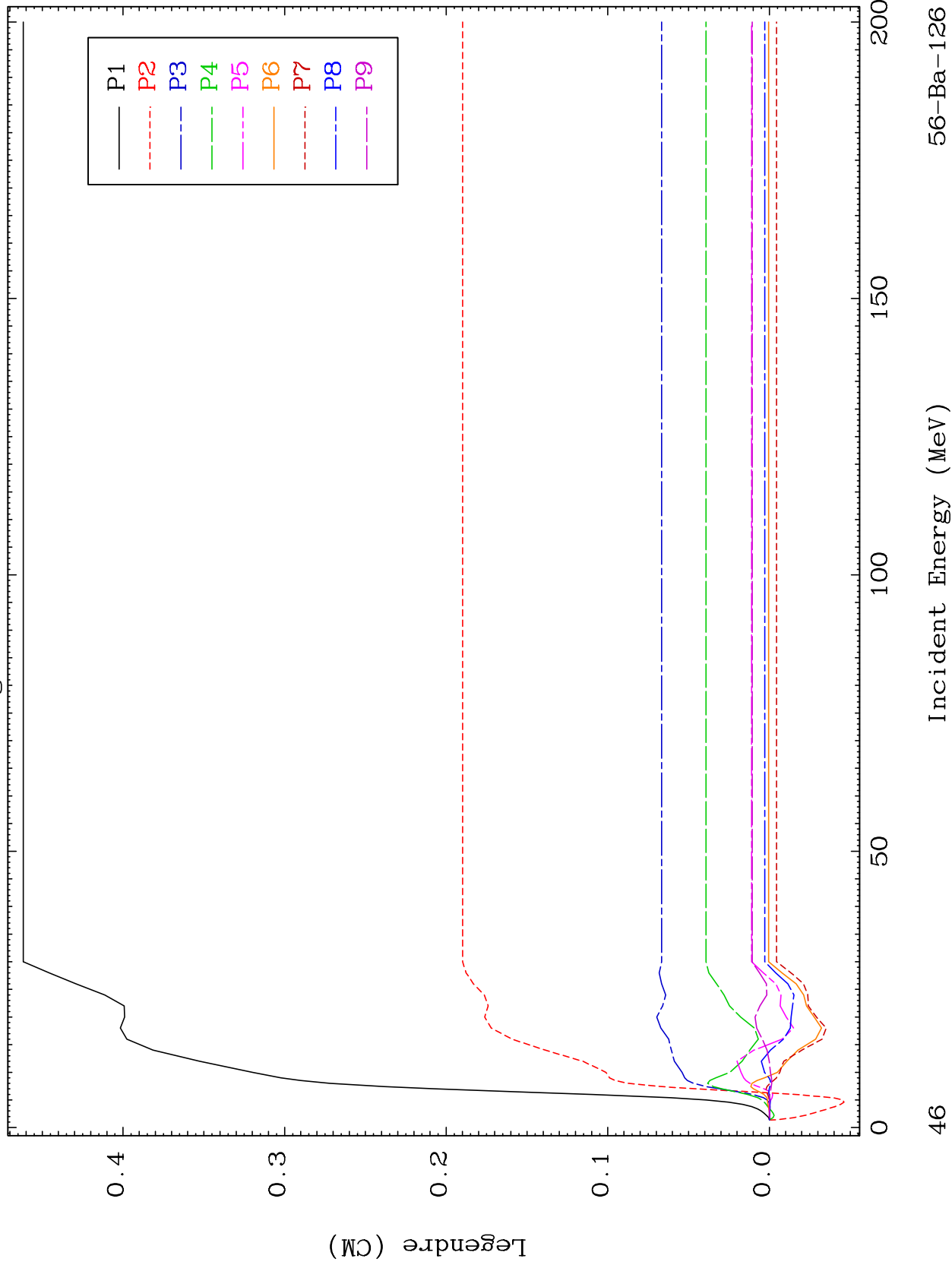
Incident Energy (MeV)

45

MAT 5613

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

56-Ba-126



56-Ba-126

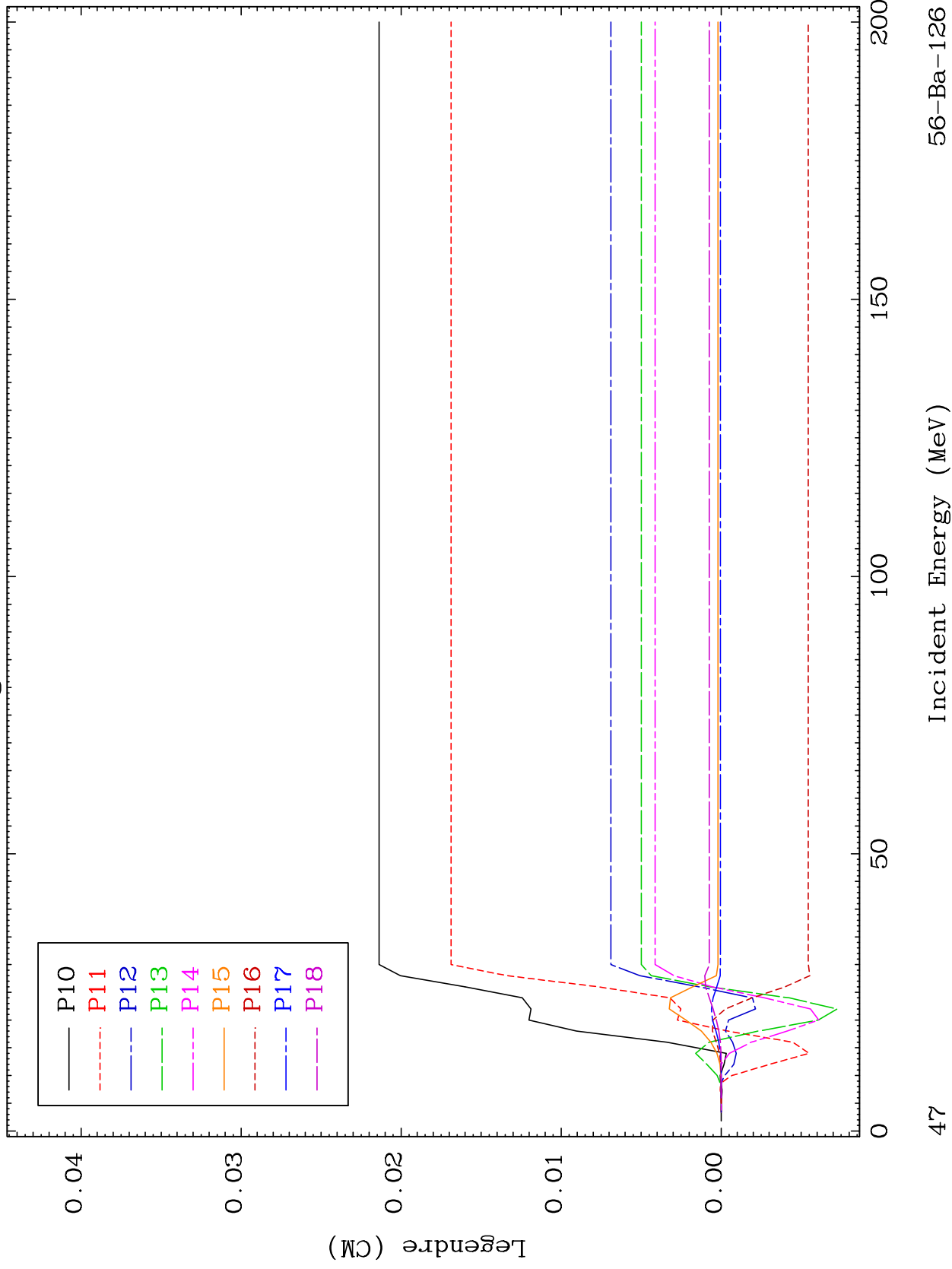
Incident Energy (MeV)

46

MAT 5613

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

56-Ba-126



47

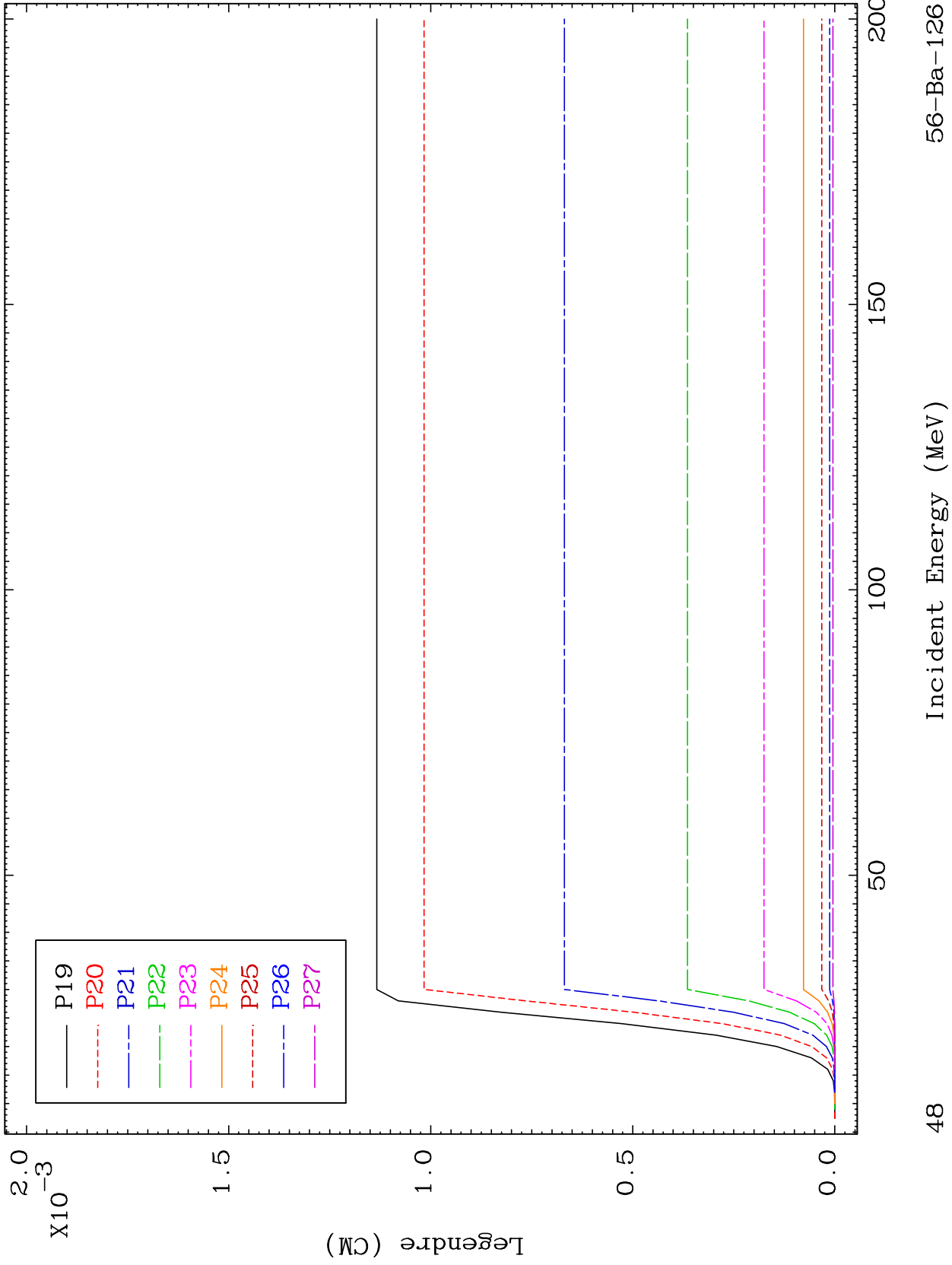
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



48

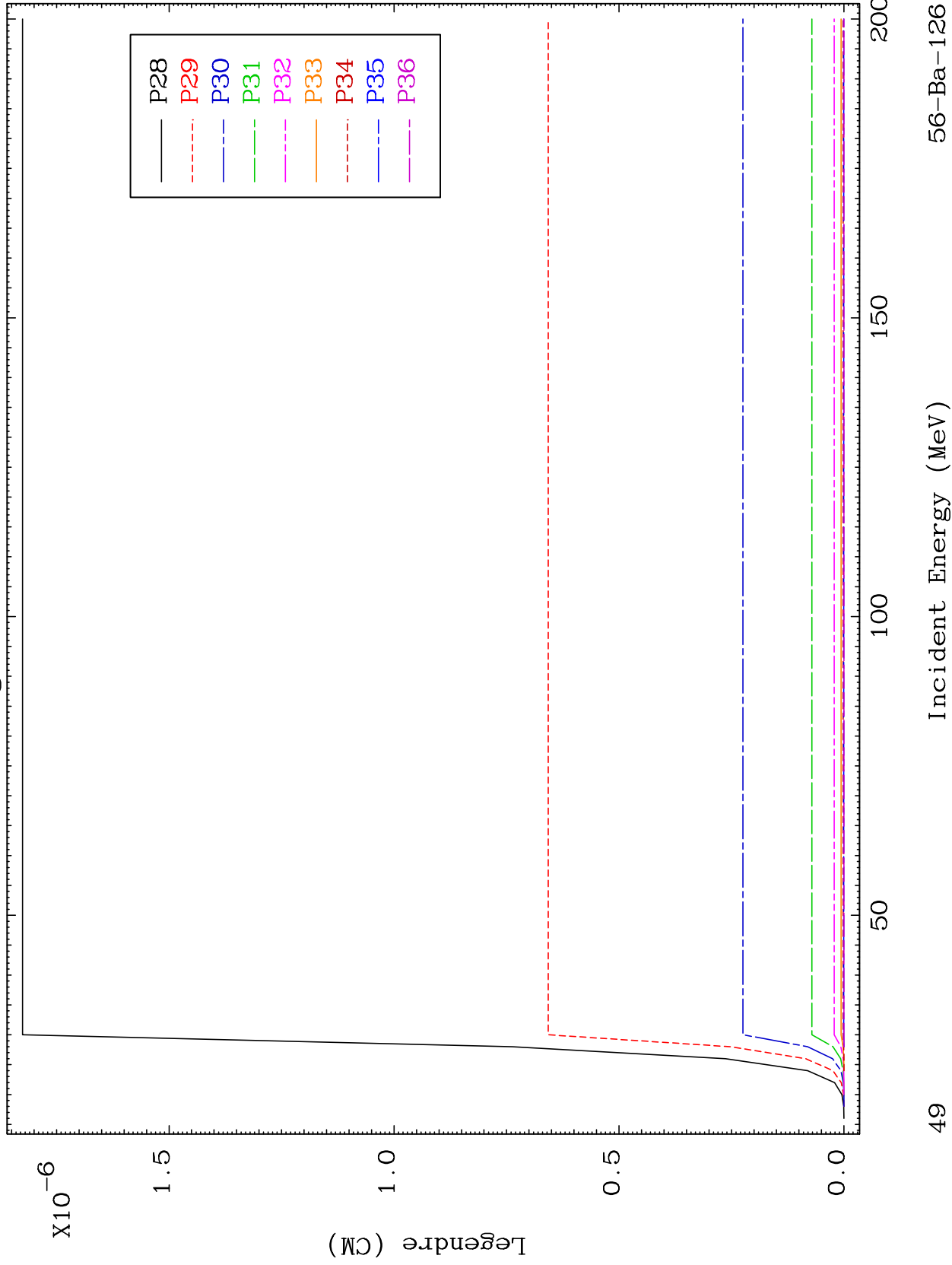
Incident Energy (MeV)

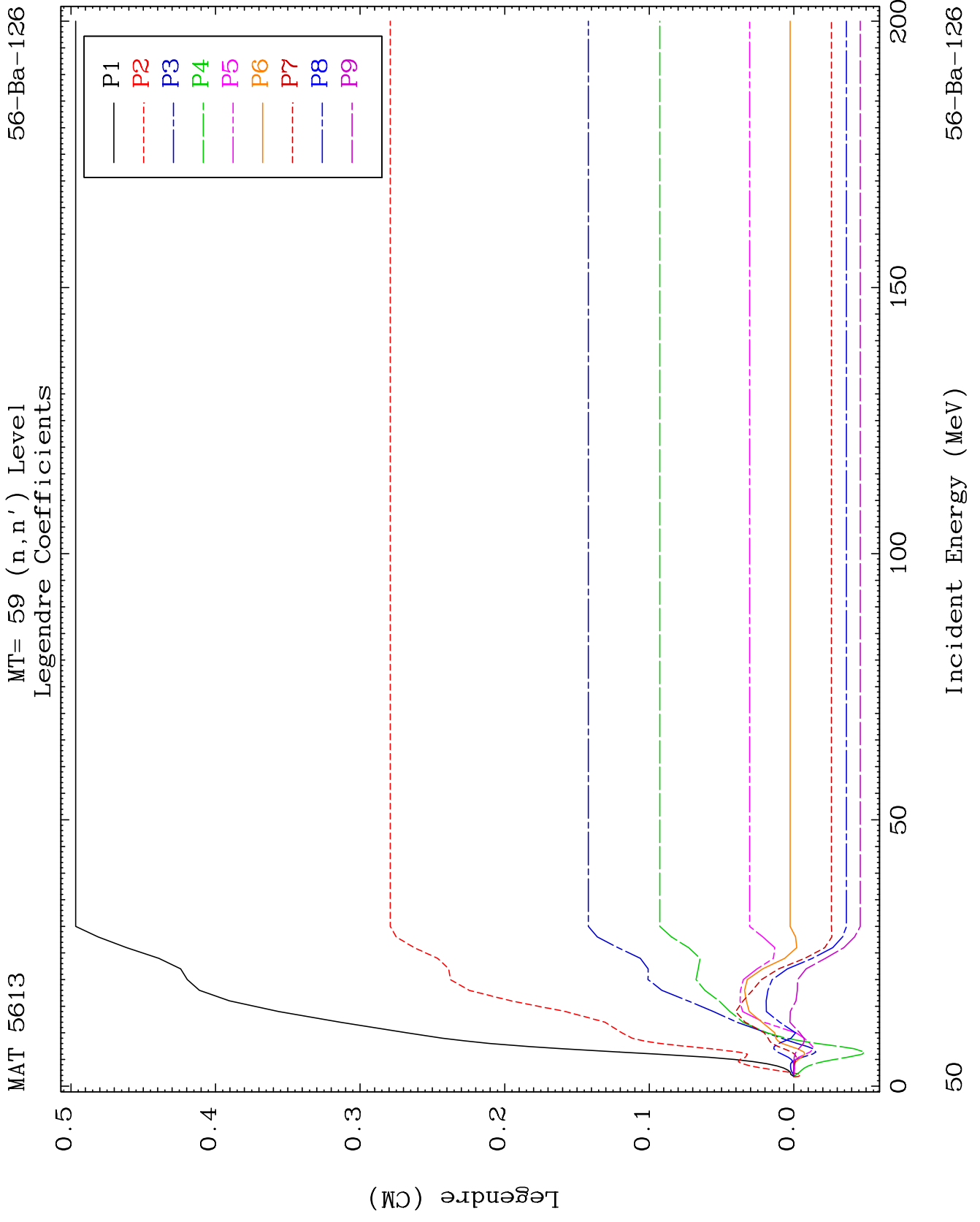
56-Ba-126

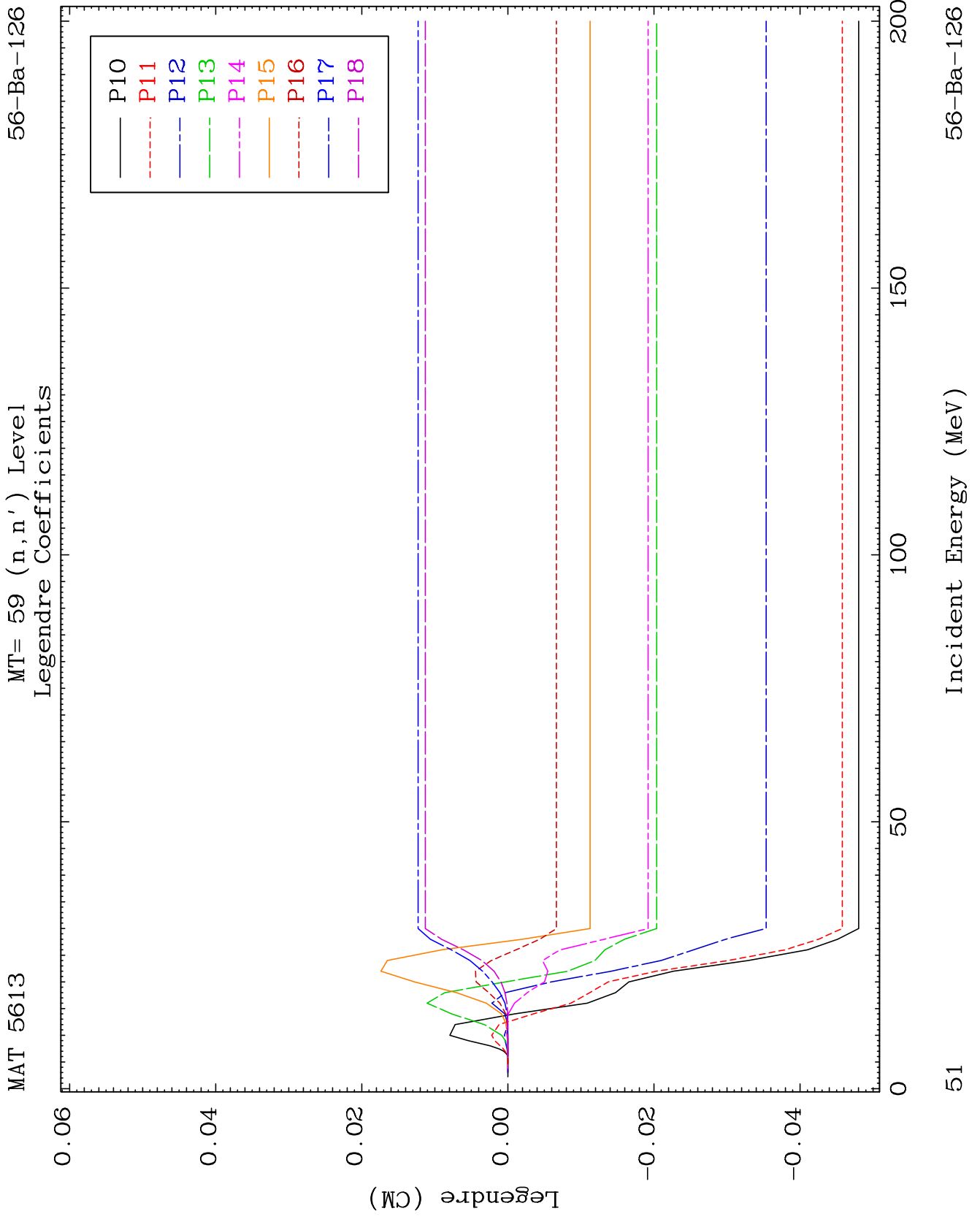
MAT 5613

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

56-Ba-126



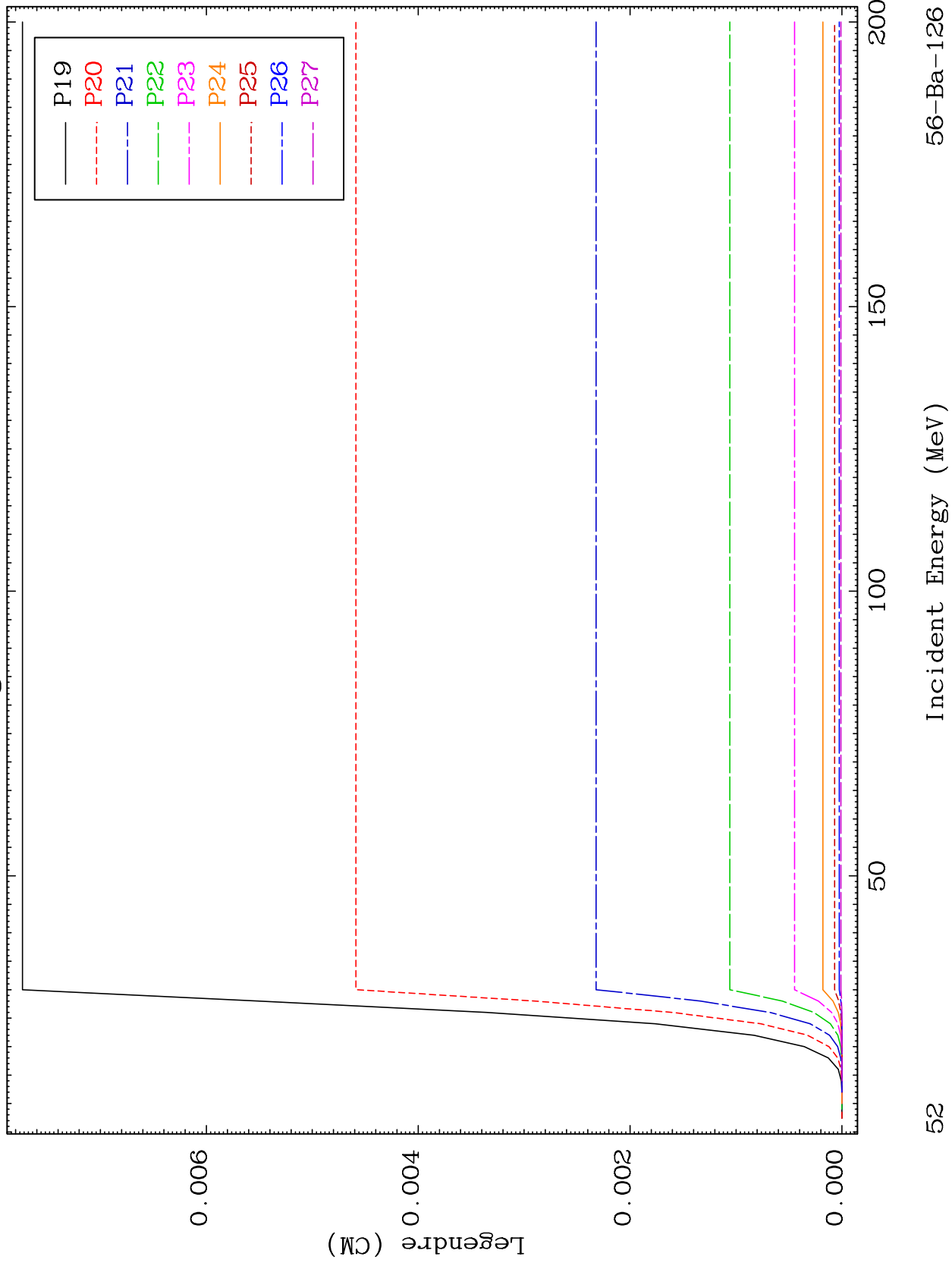




MAT 5613

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

56-Ba-126



52

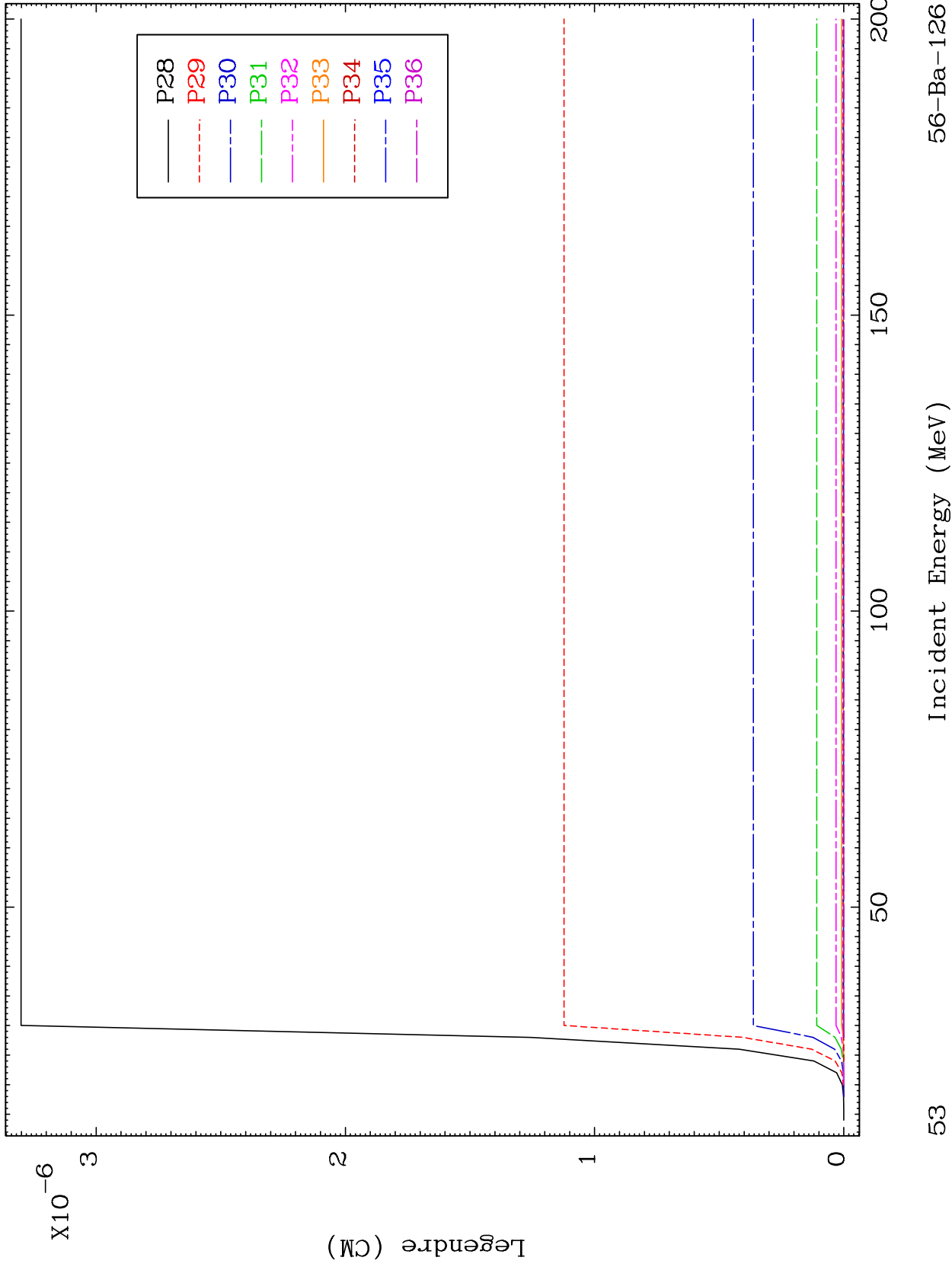
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



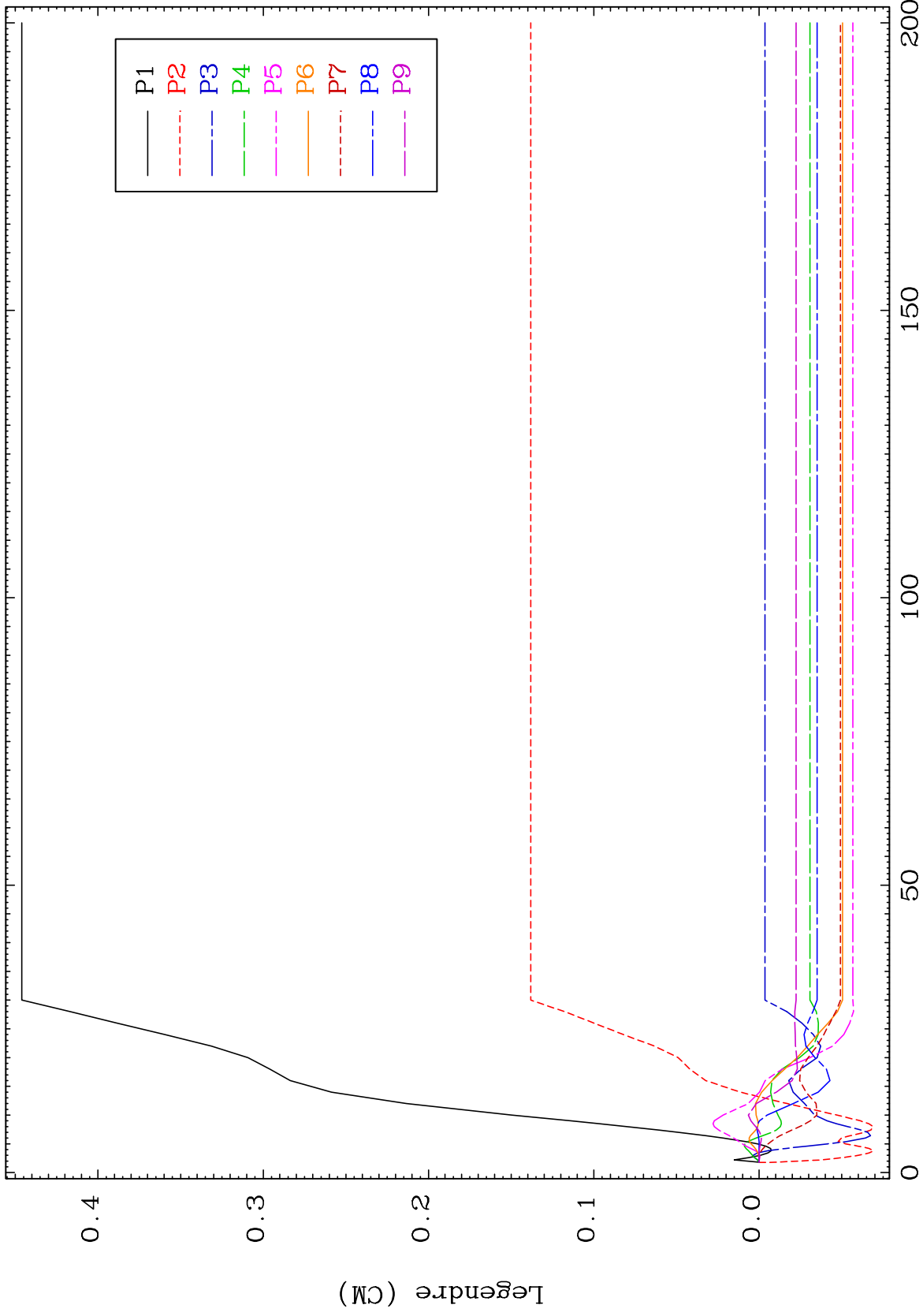
53

56-Ba-126

MAT 5613

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

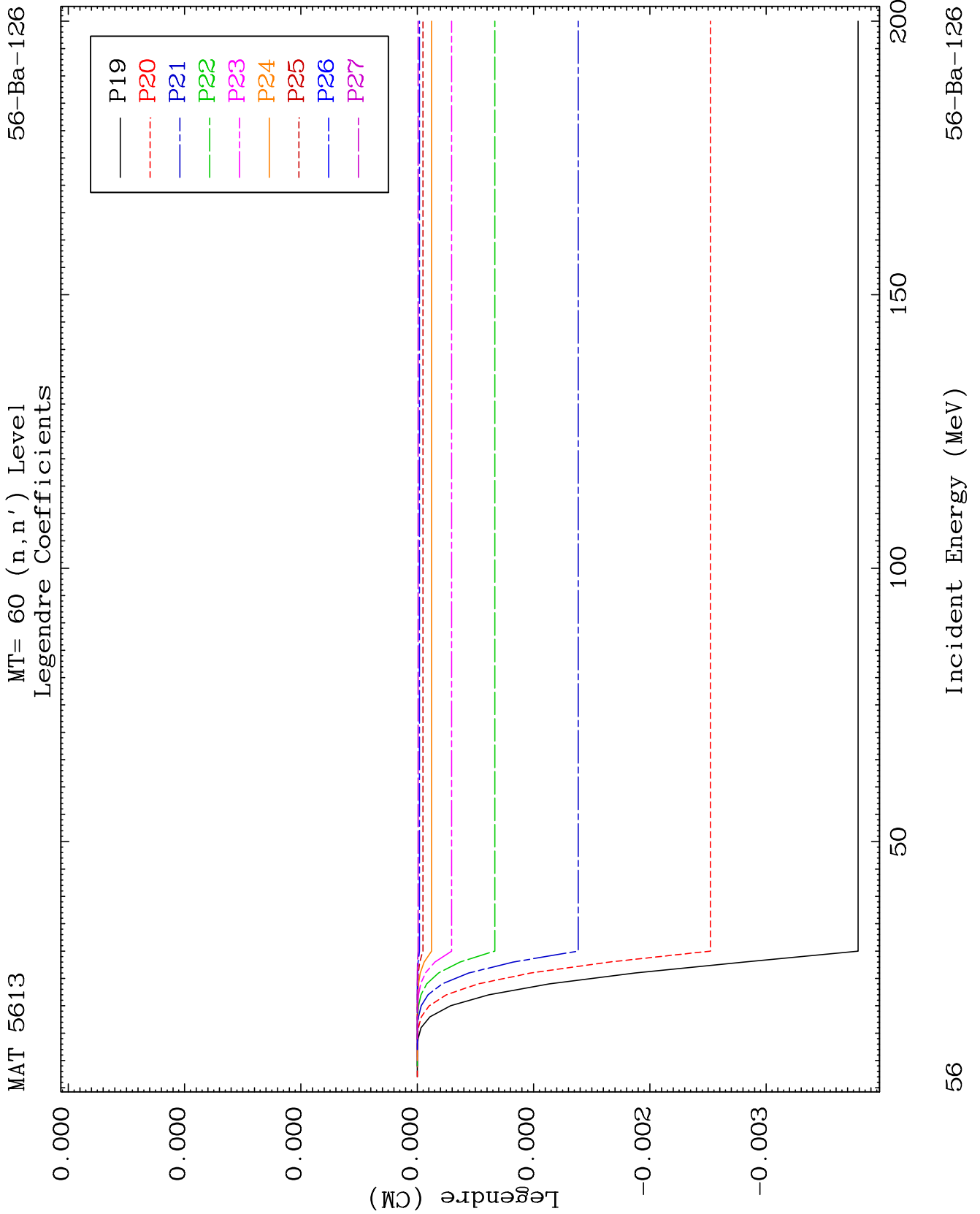
56-Ba-126



54

Incident Energy (MeV)

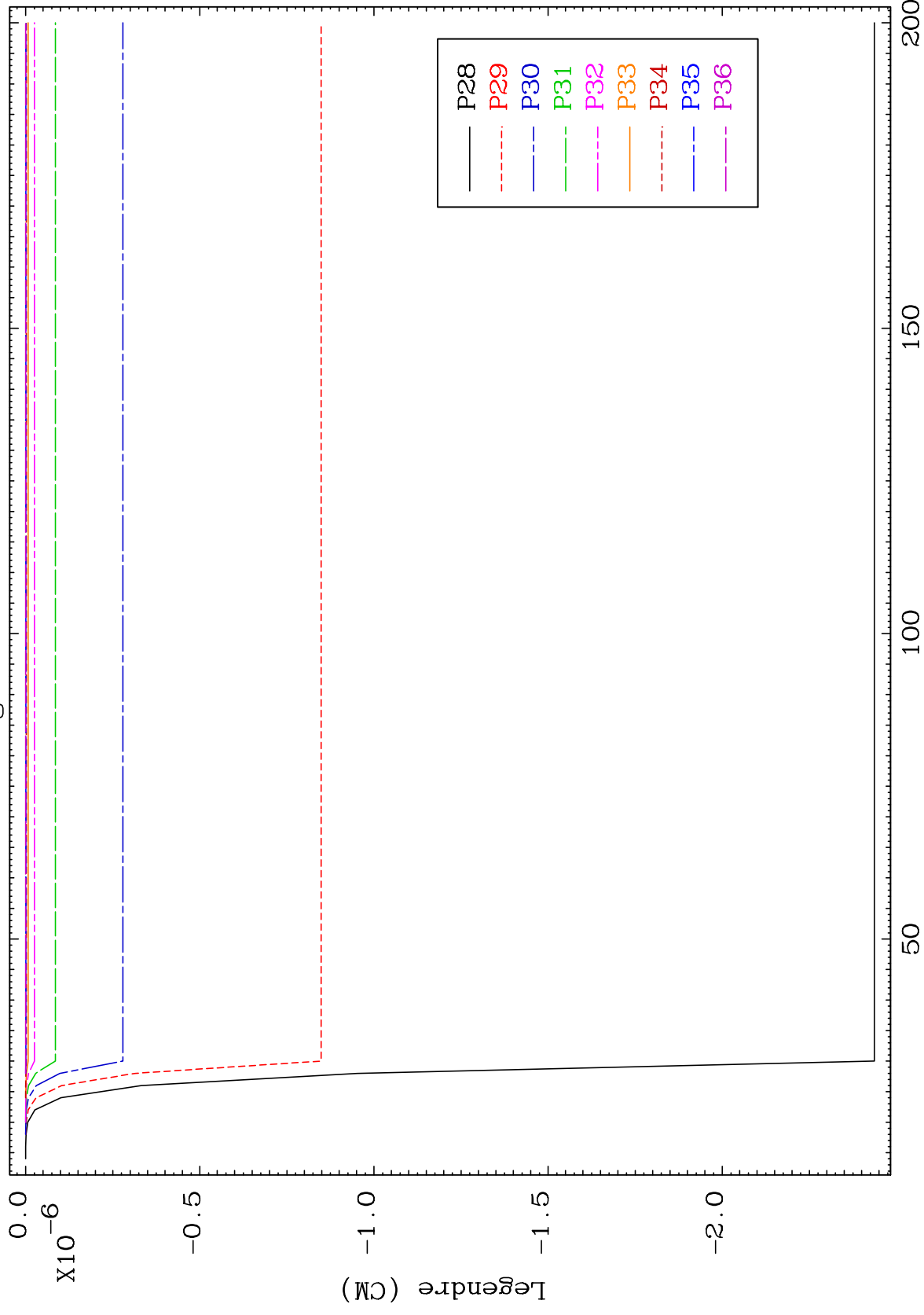
56-Ba-126



MAT 5613

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

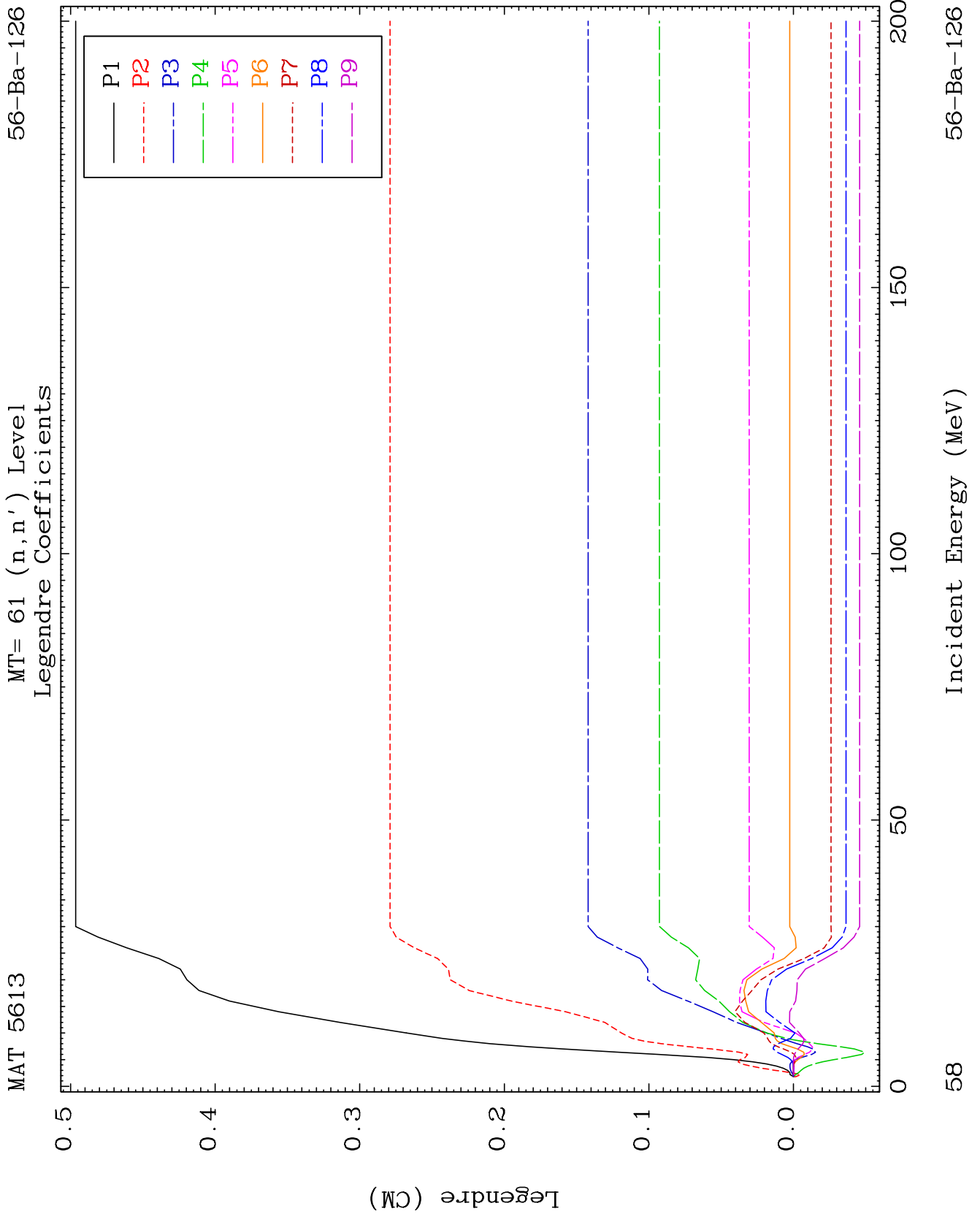
56-Ba-126

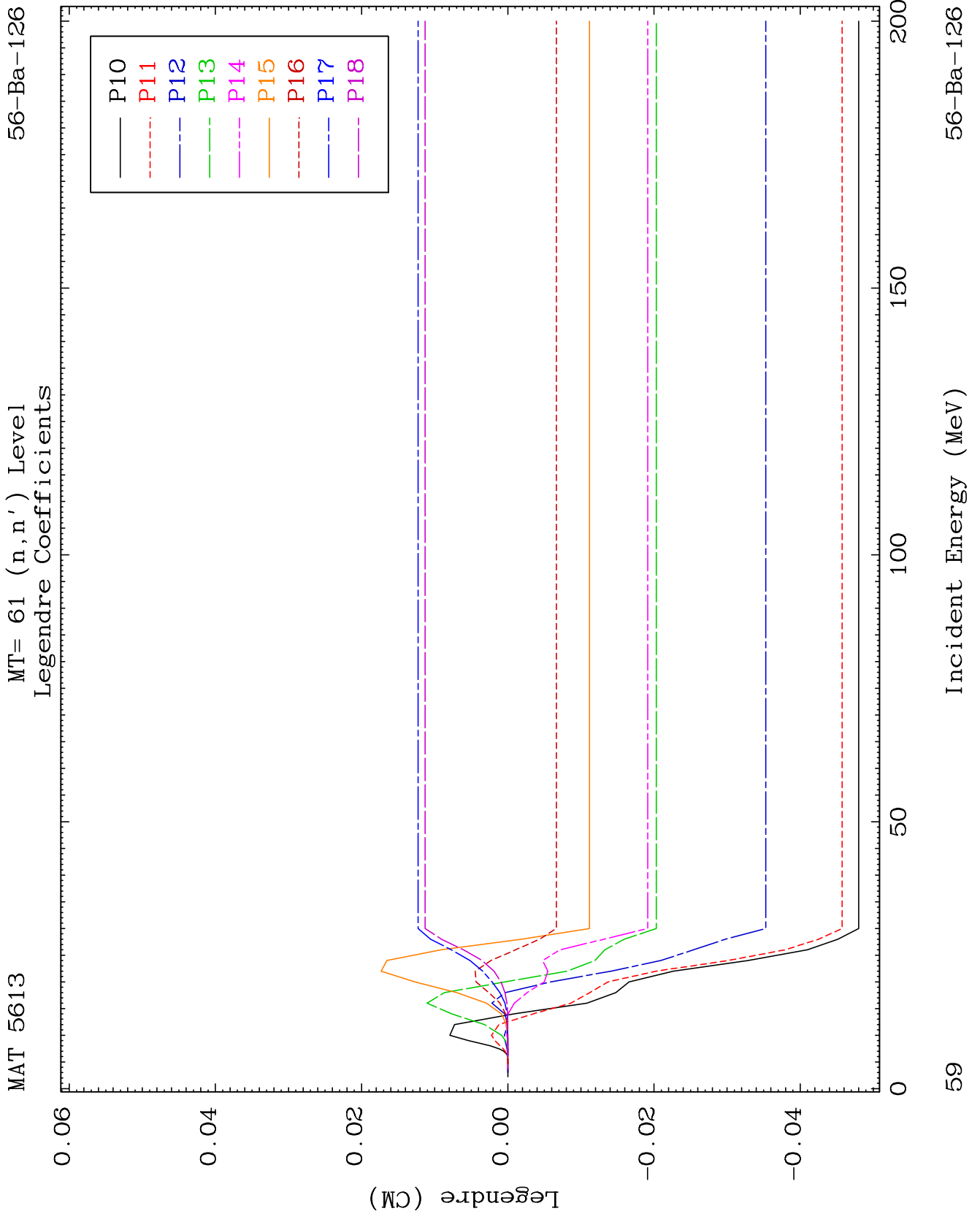


57

Incident Energy (MeV)

56-Ba-126

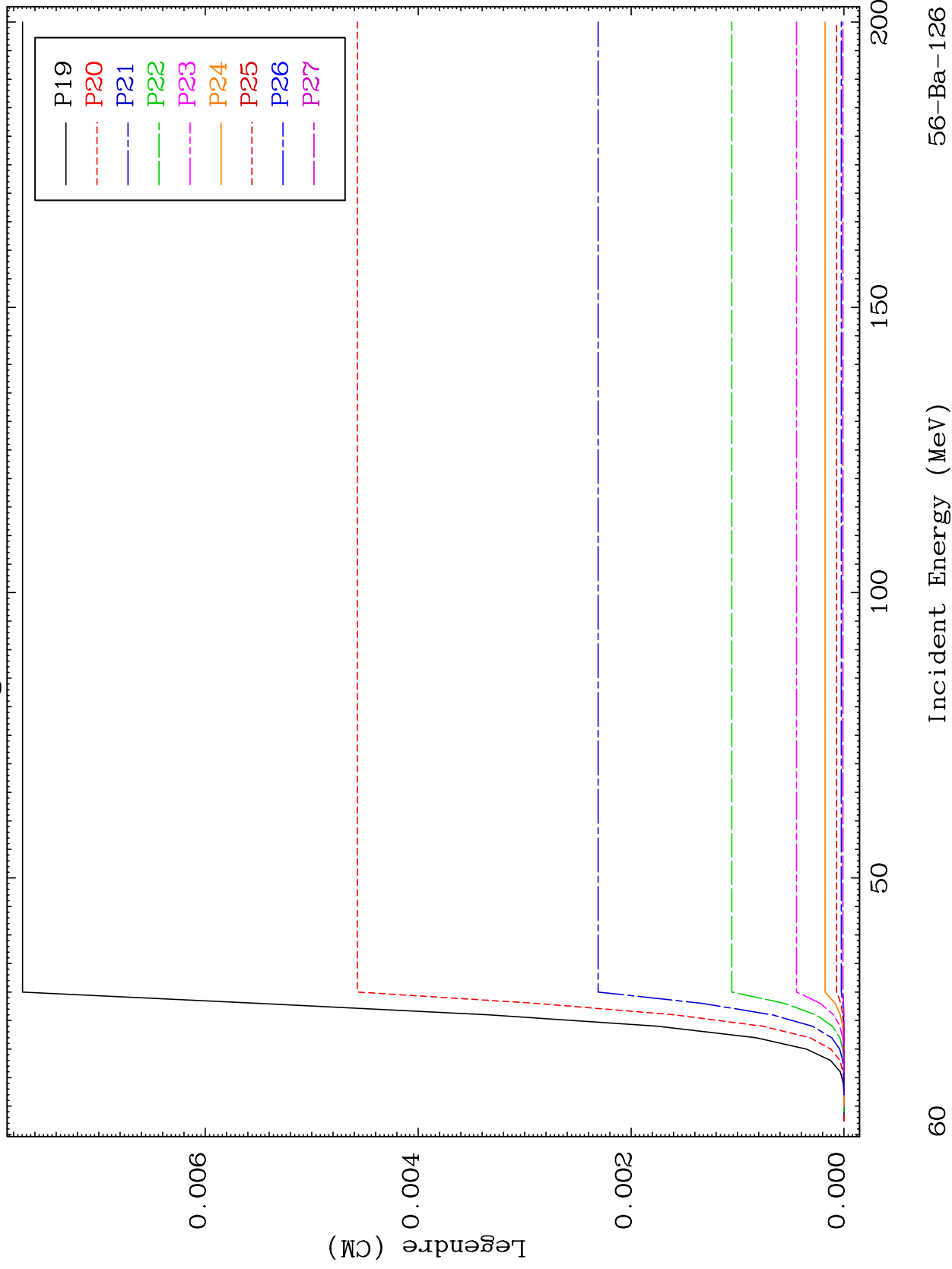




MAT 5613

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

56-Ba-126



60

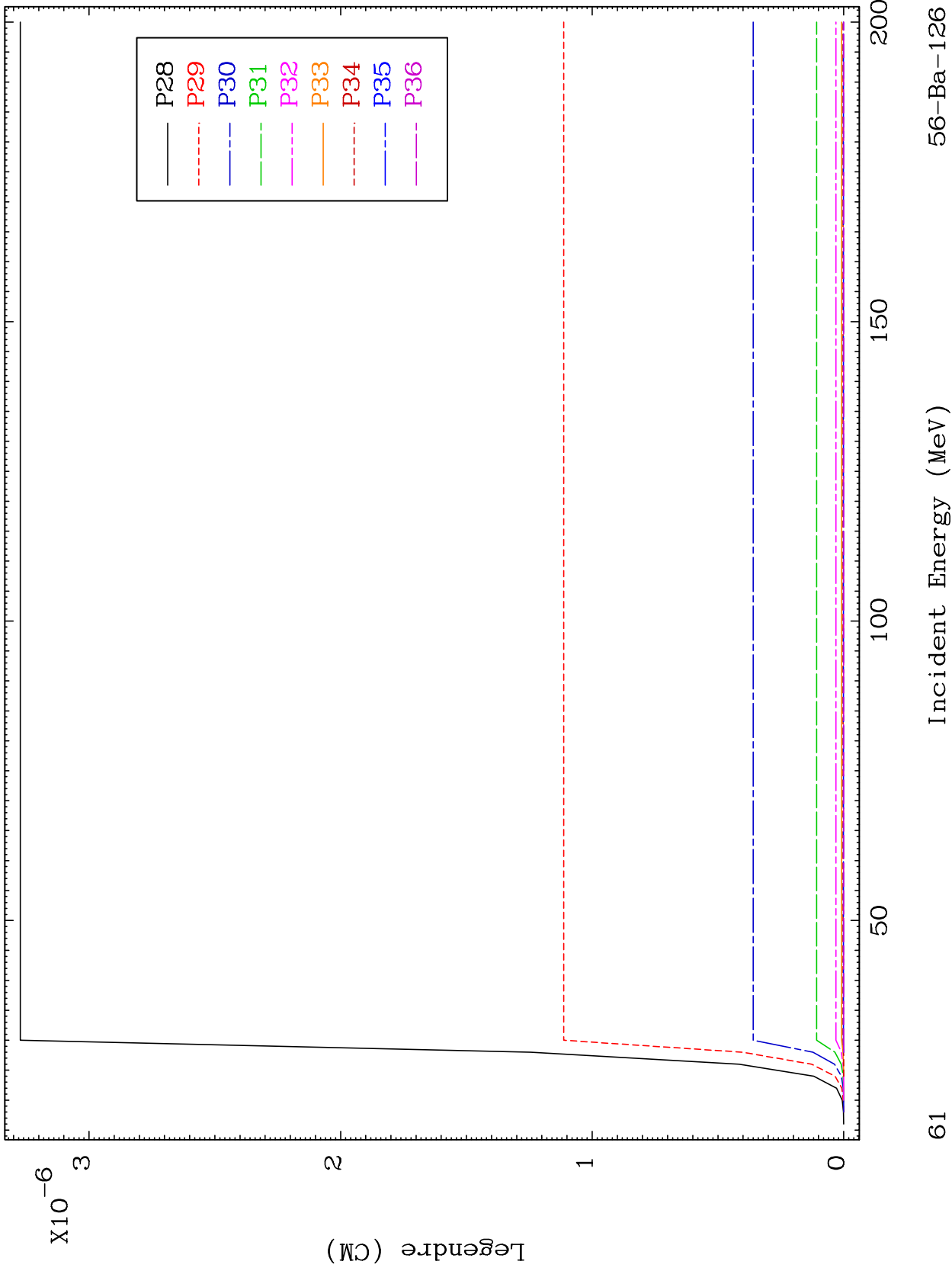
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

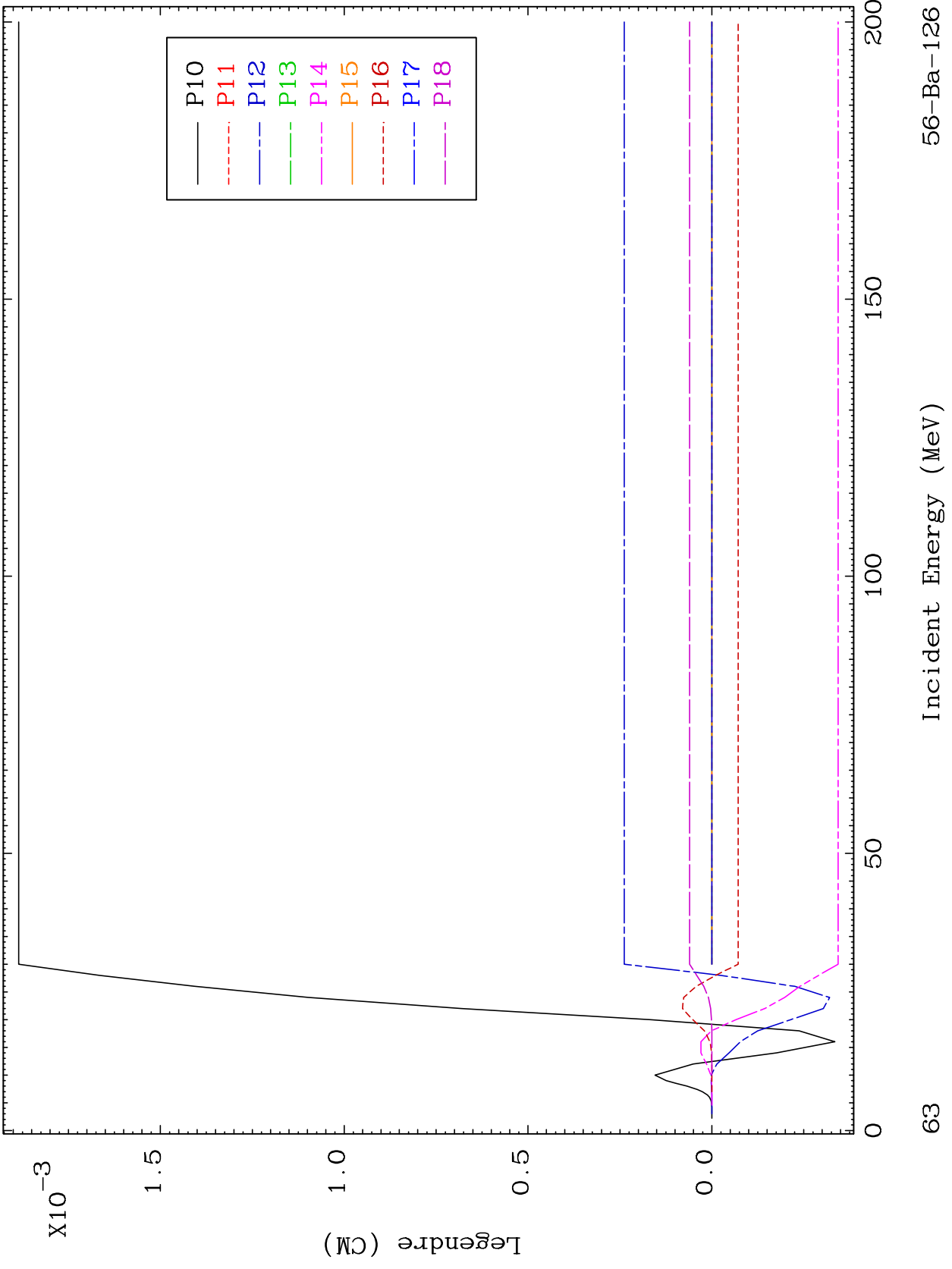
56-Ba-126



MAT 5613

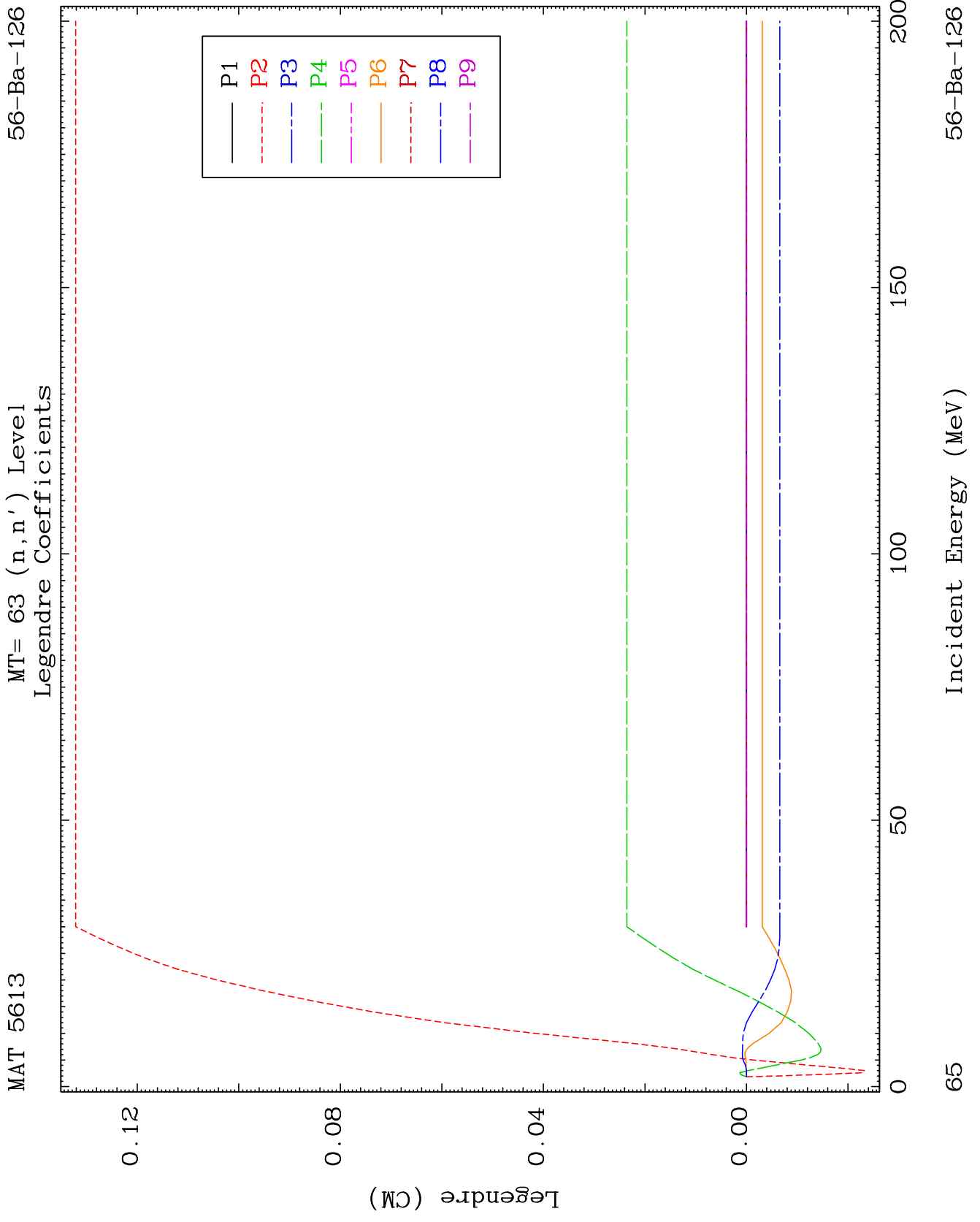
MT= 62 (n,n') Level
Legendre Coefficients

56-Ba-126



63

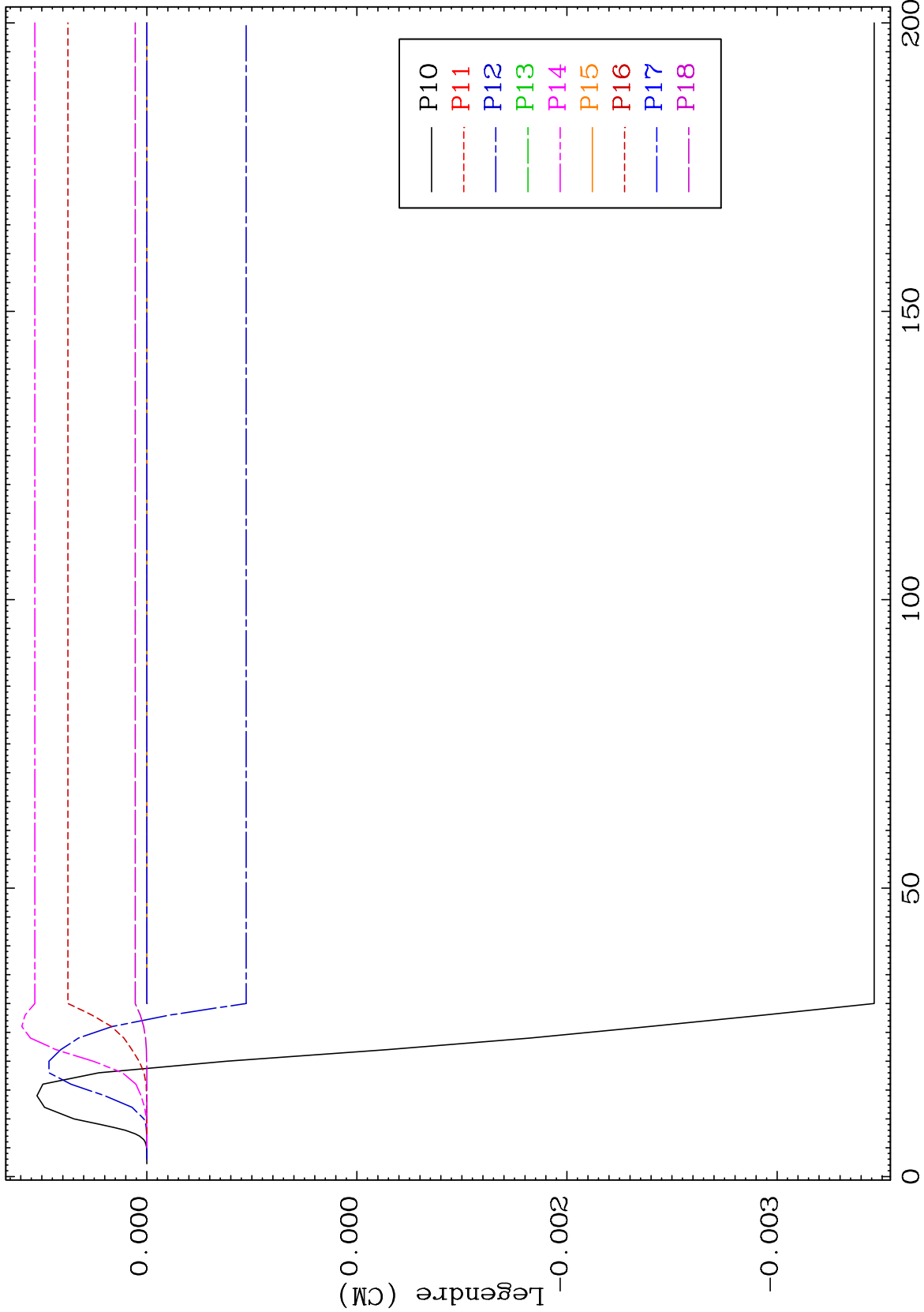
56-Ba-126



MAT 5613

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

56-Ba-126



66

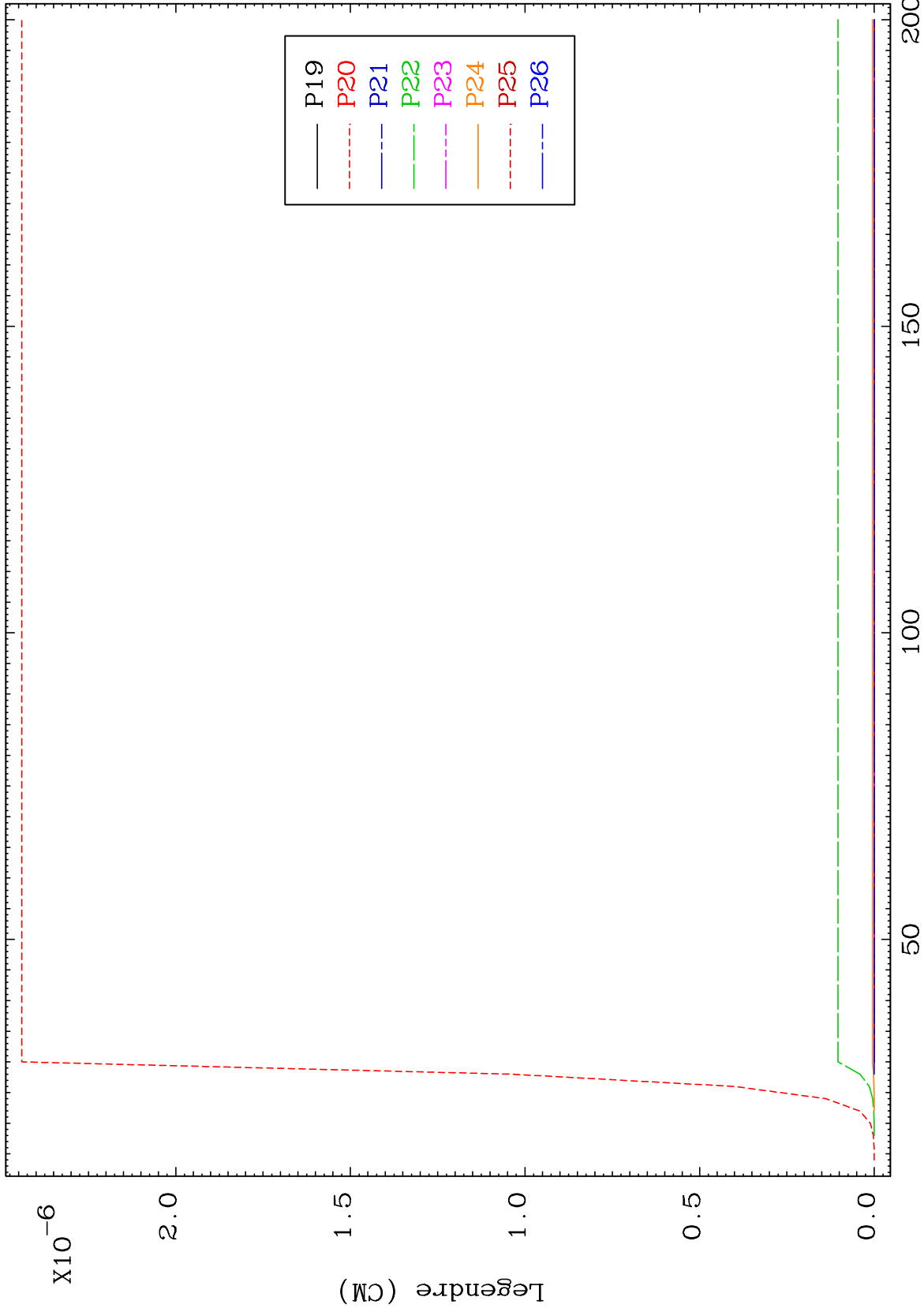
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



67

Incident Energy (MeV)

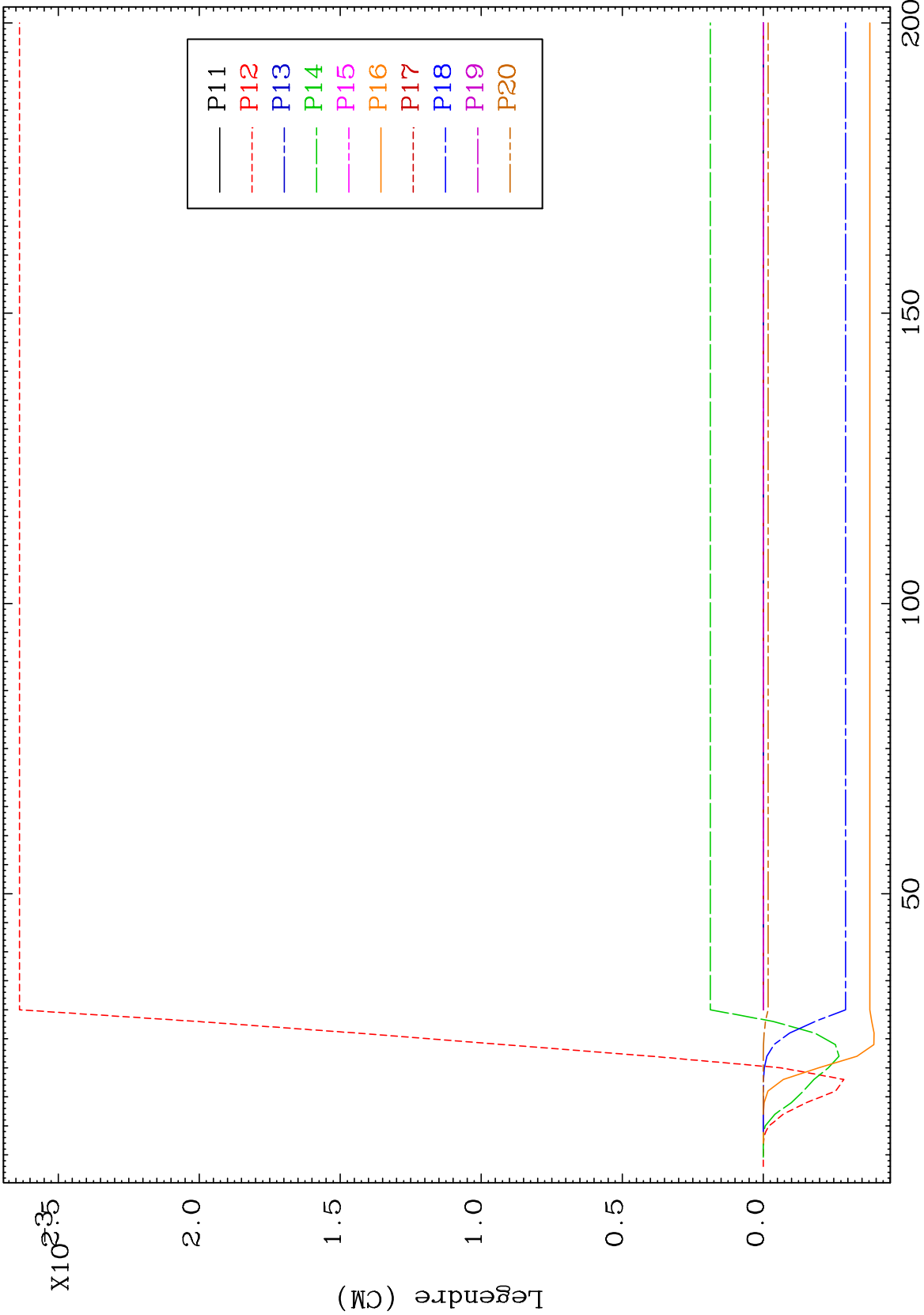
56-Ba-126

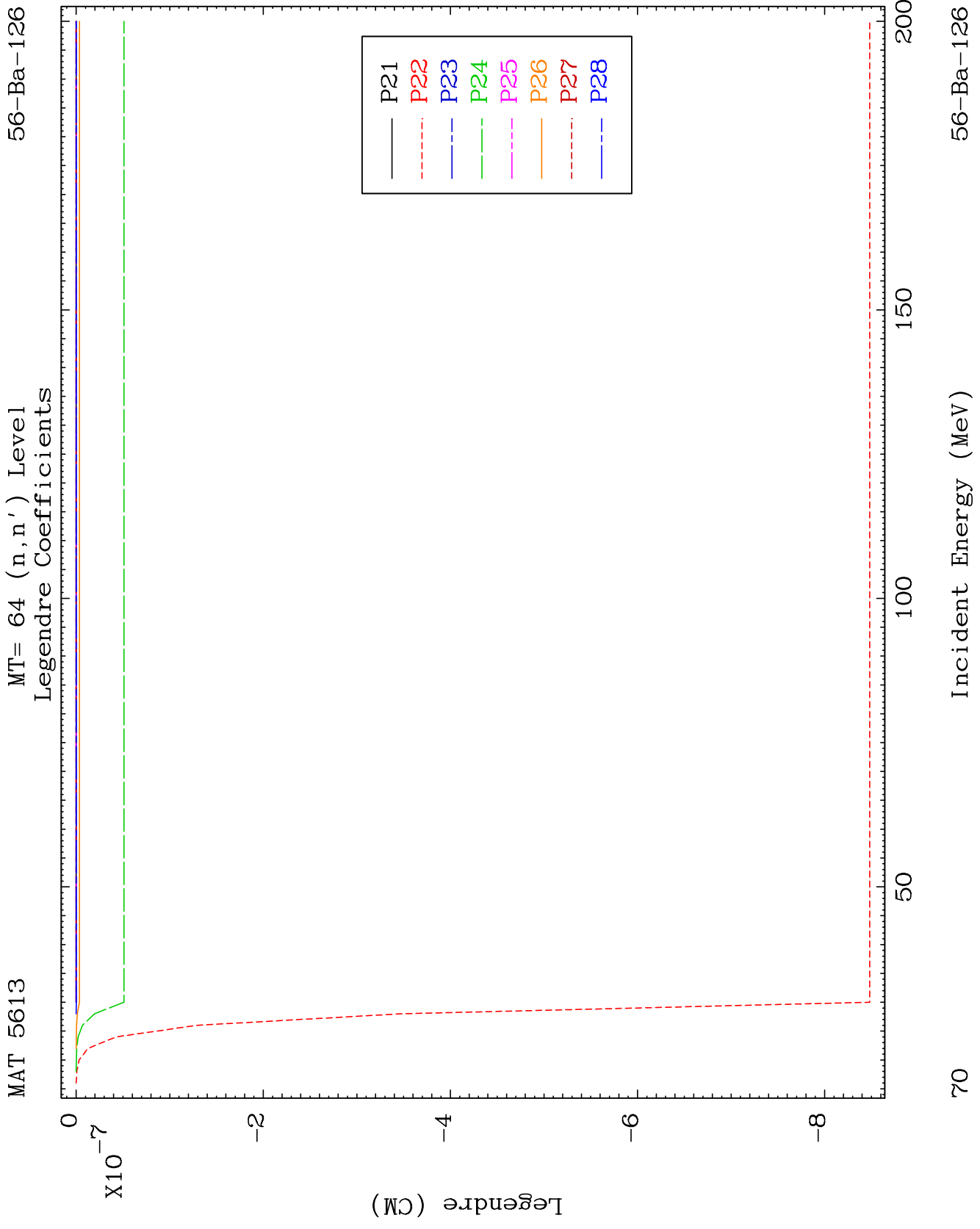
MAT 5613

MT= 64 (n,n') Level

56-Ba-126

Legendre Coefficients

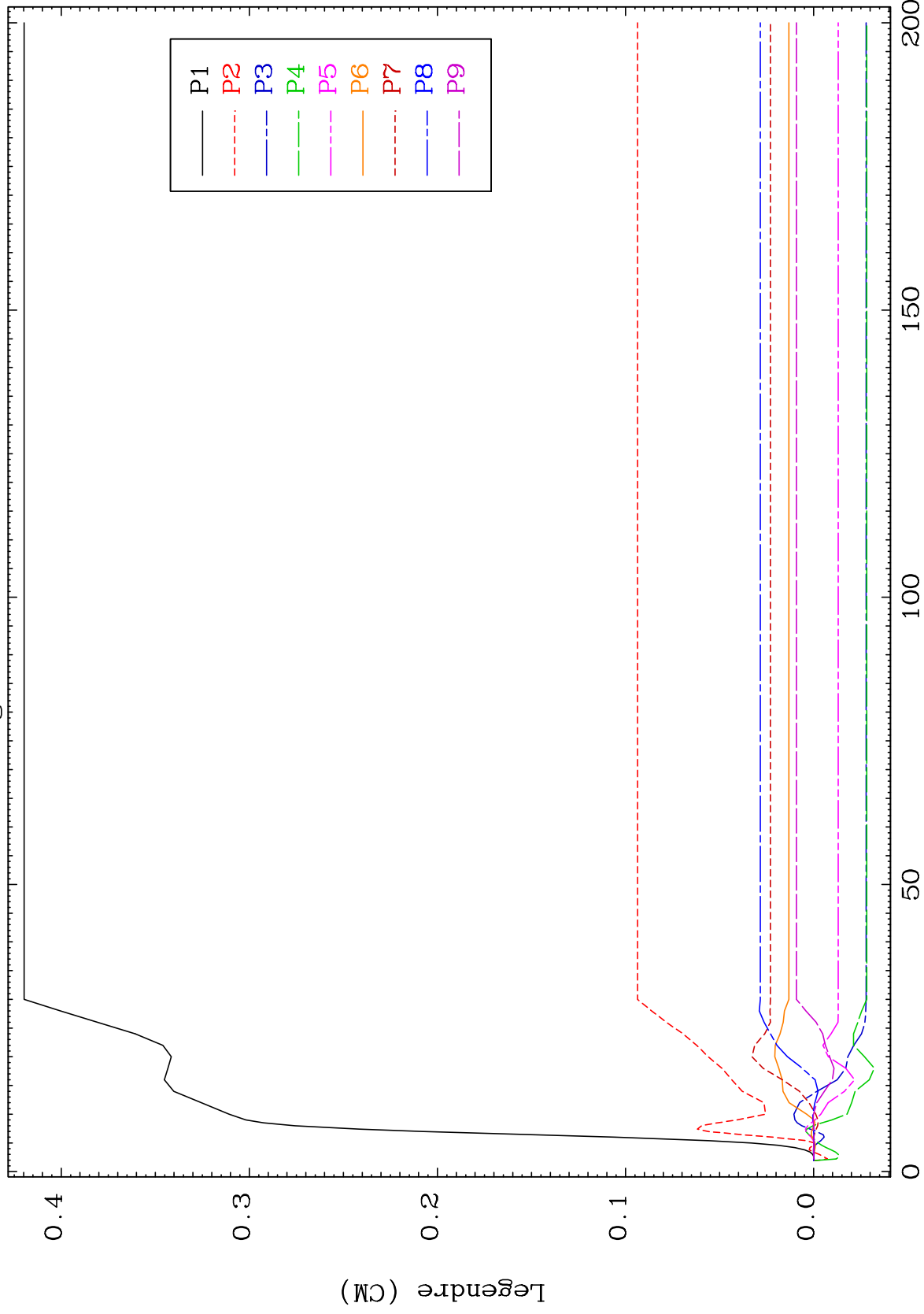




MAT 5613

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

56-Ba-126



71

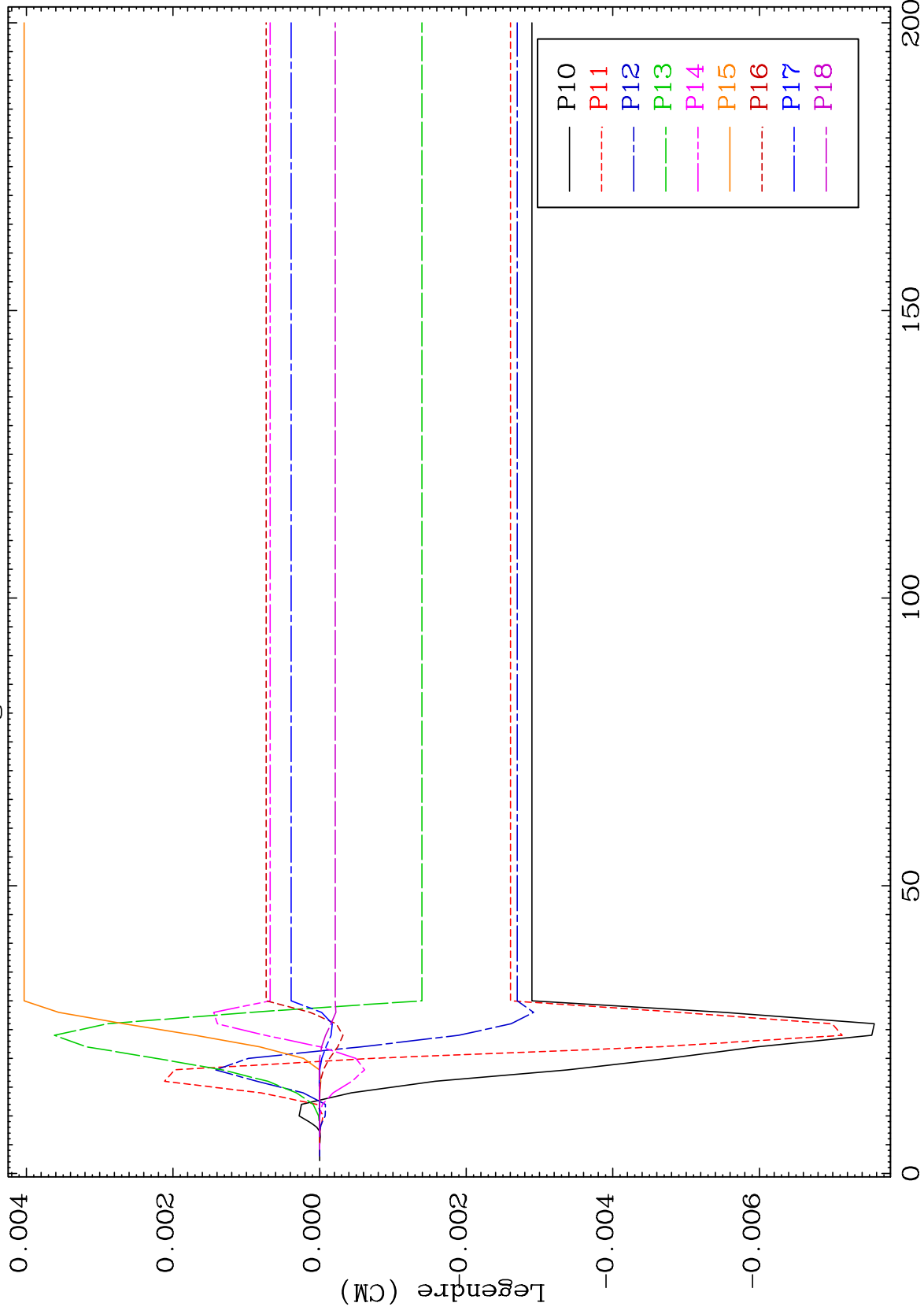
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

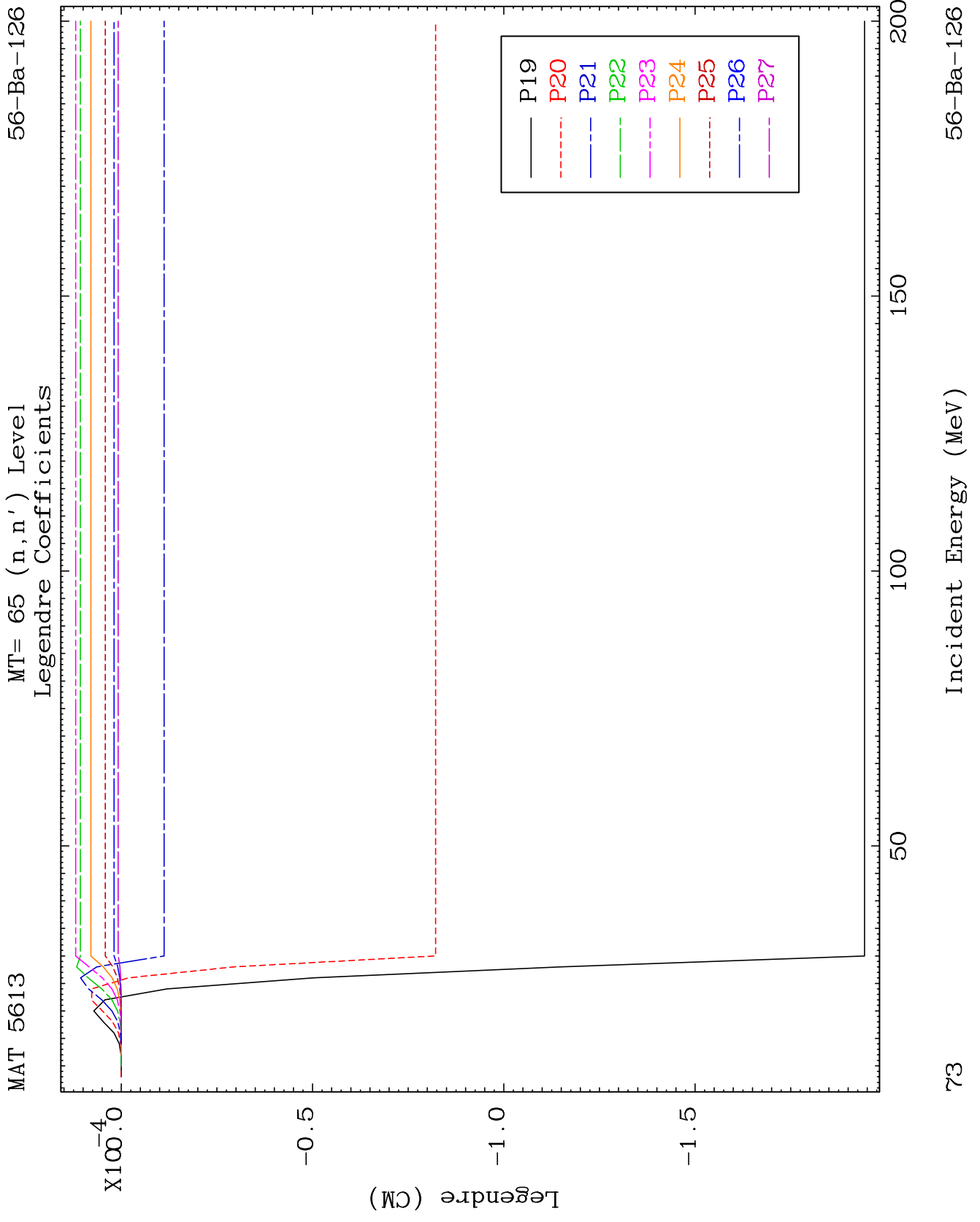
56-Ba-126



72

Incident Energy (MeV)

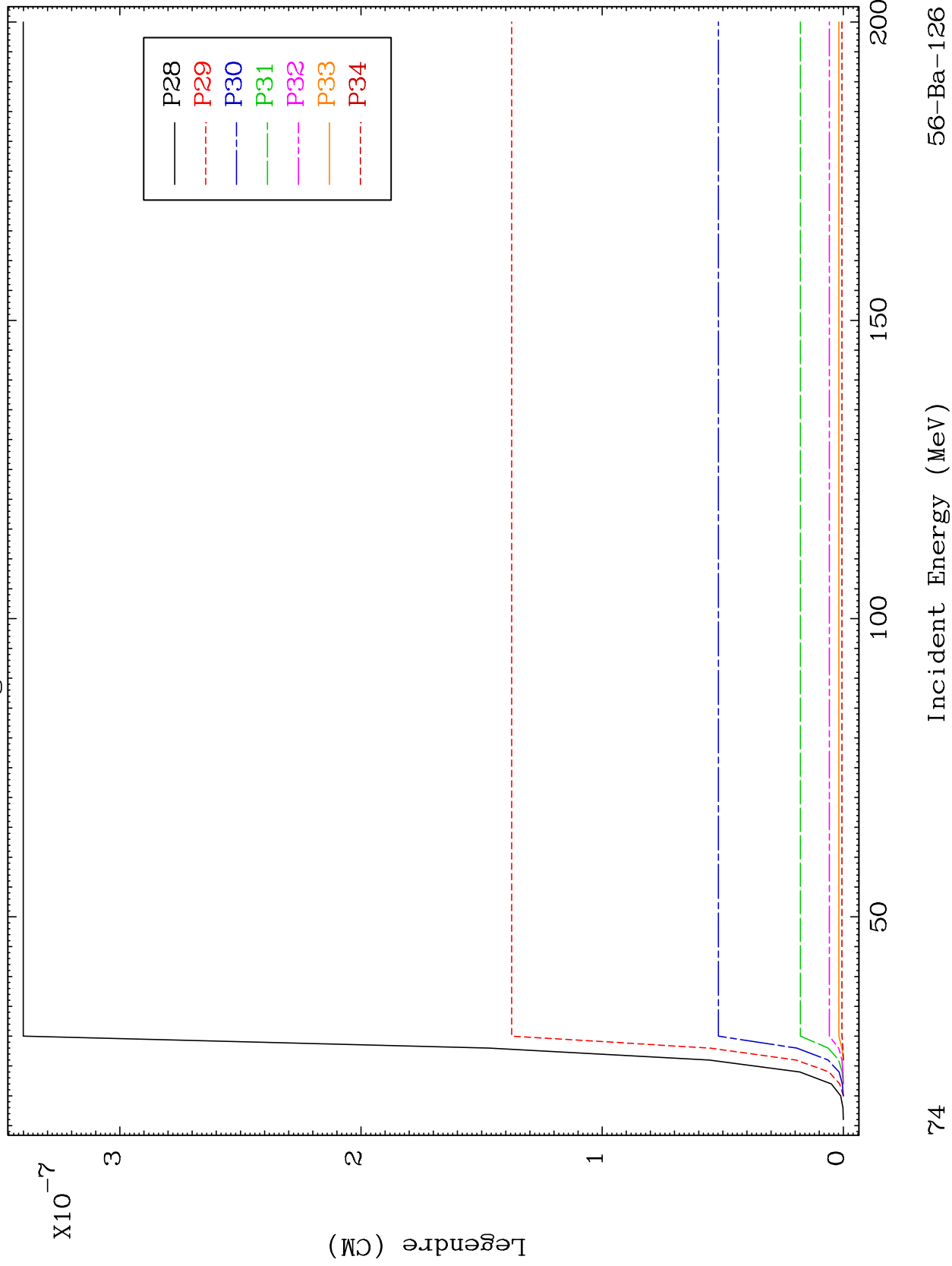
56-Ba-126



MAT 5613

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

56-Ba-126

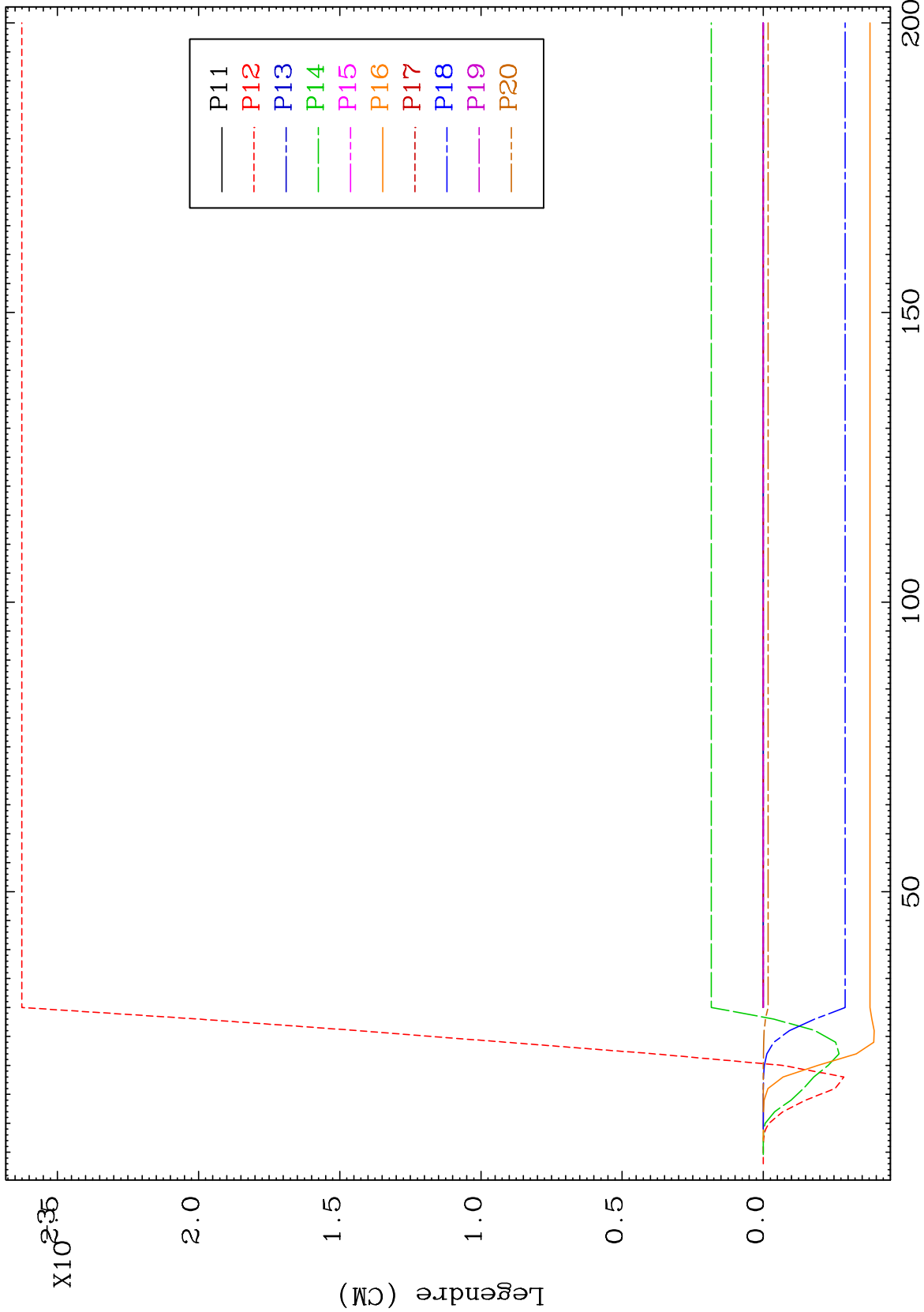


MAT 5613

MT= 66 (n,n') Level

56-Ba-126

Legendre Coefficients



76

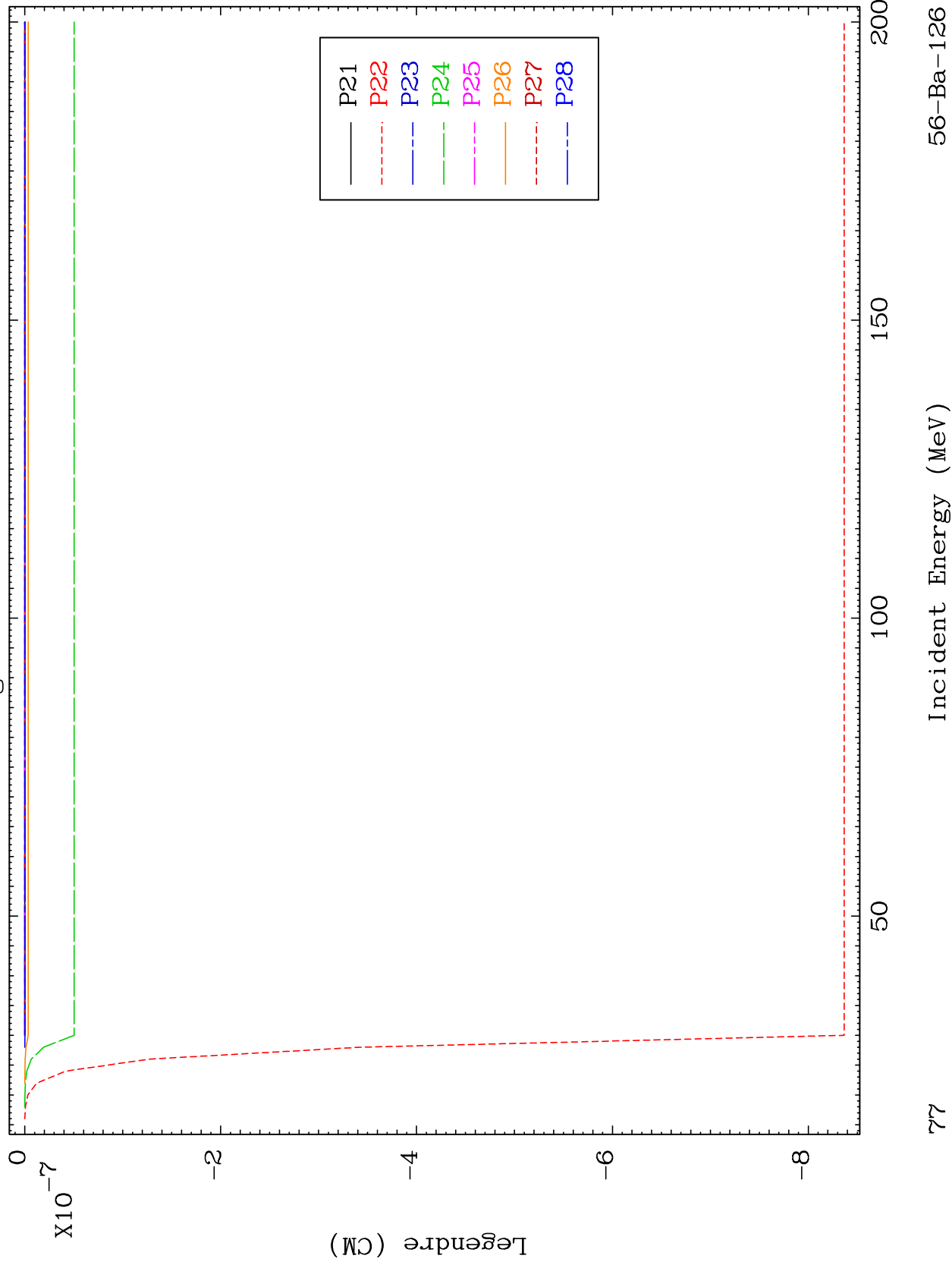
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



77

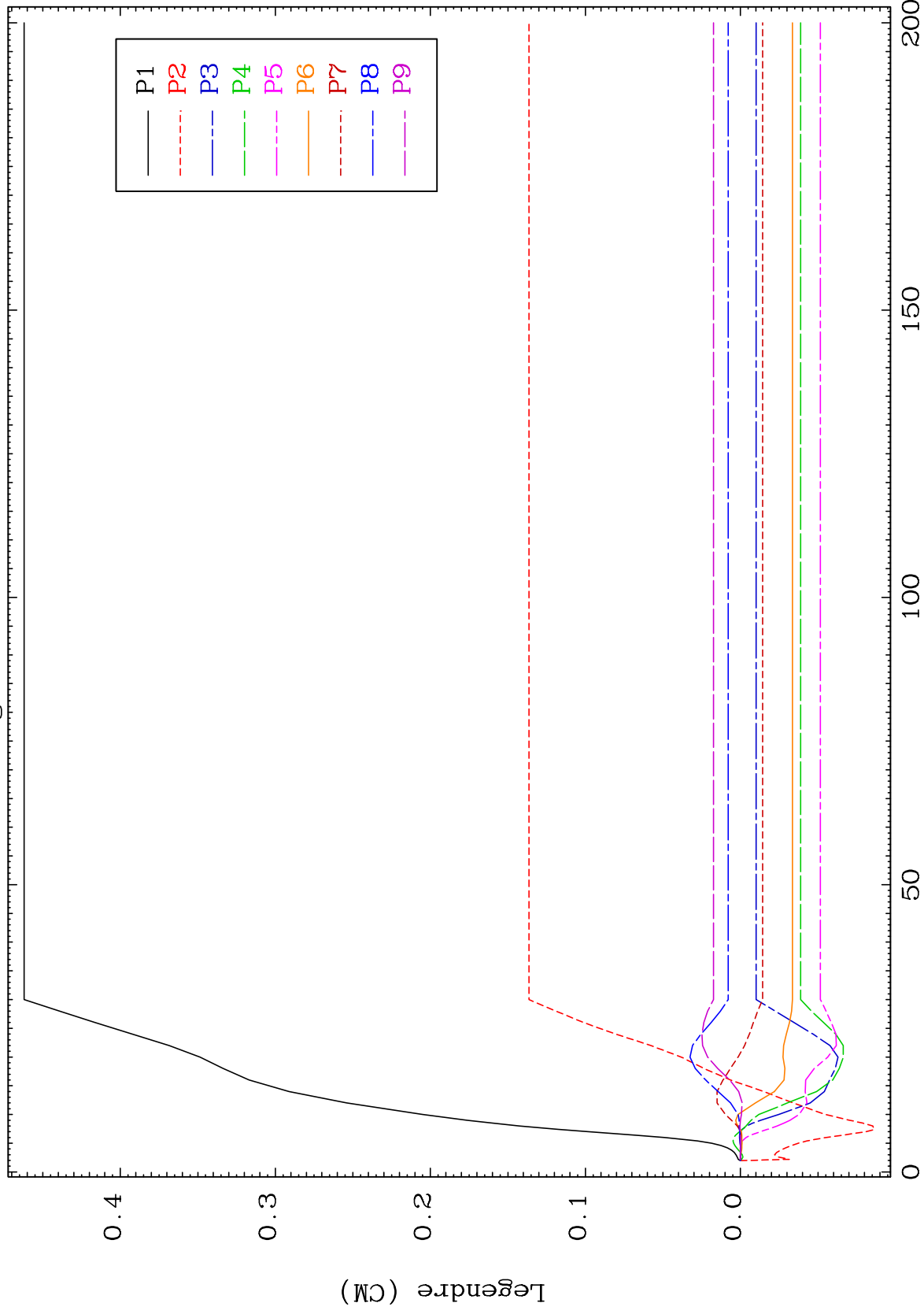
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



78

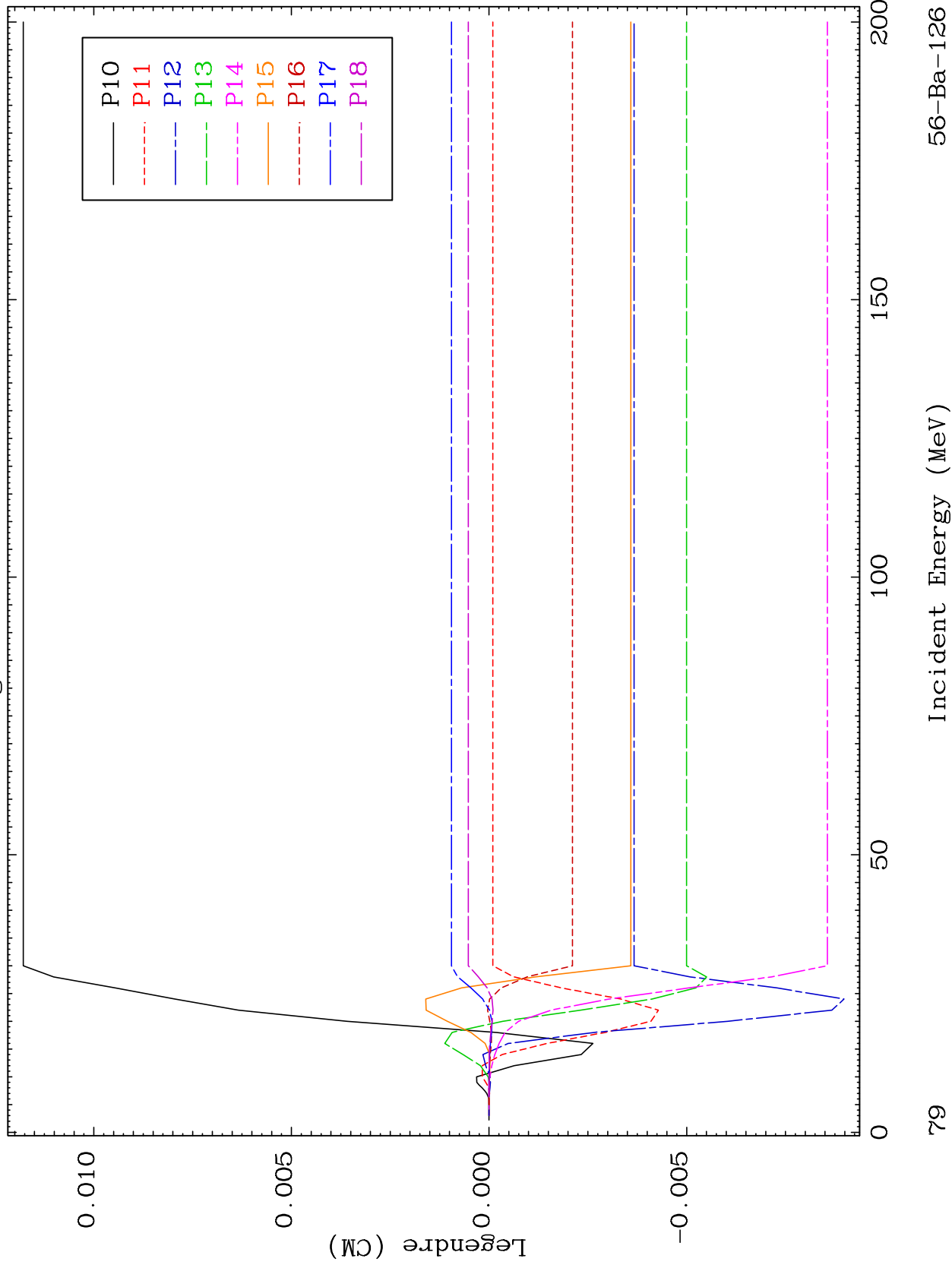
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



79

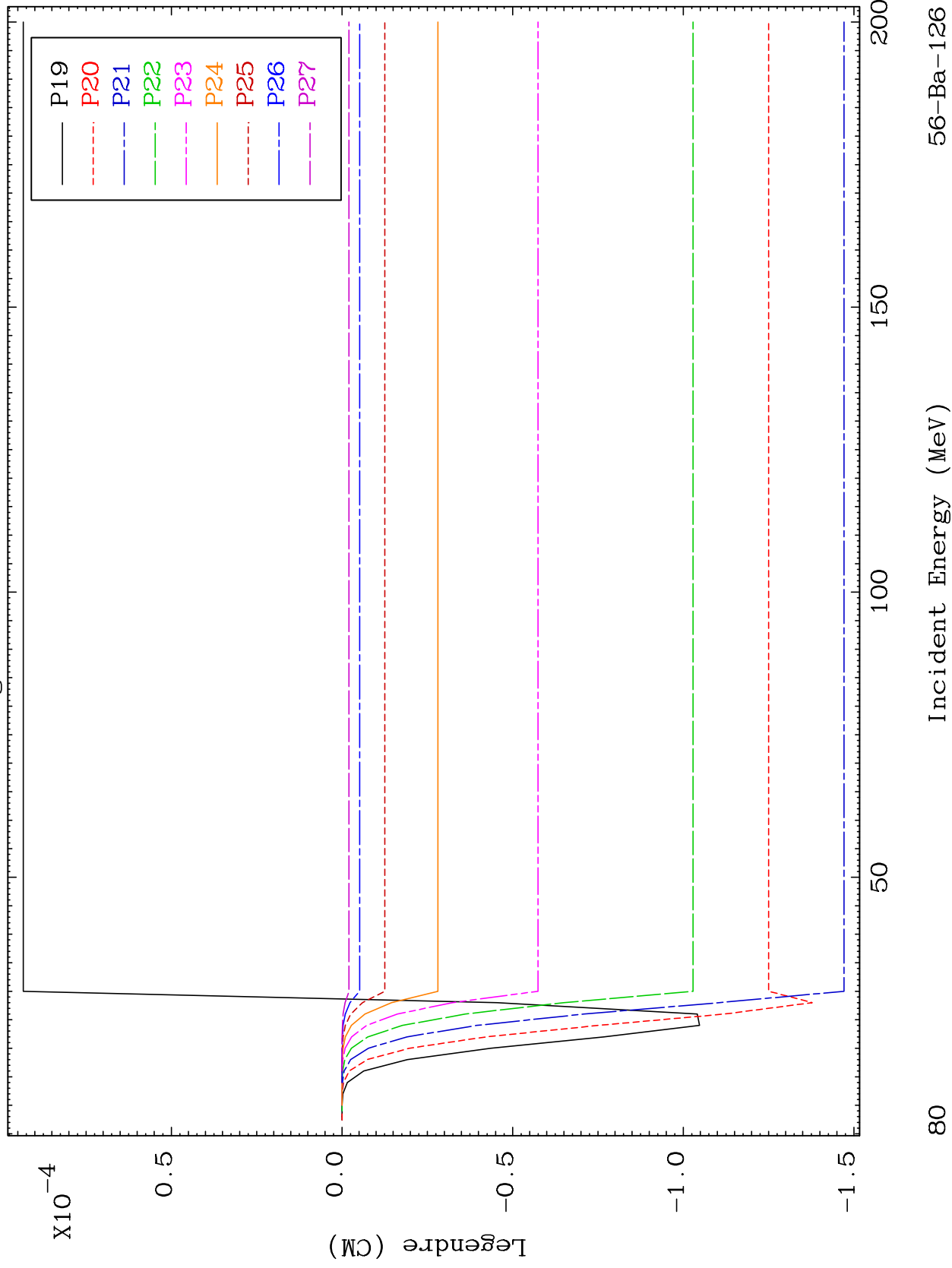
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



80

Incident Energy (MeV)

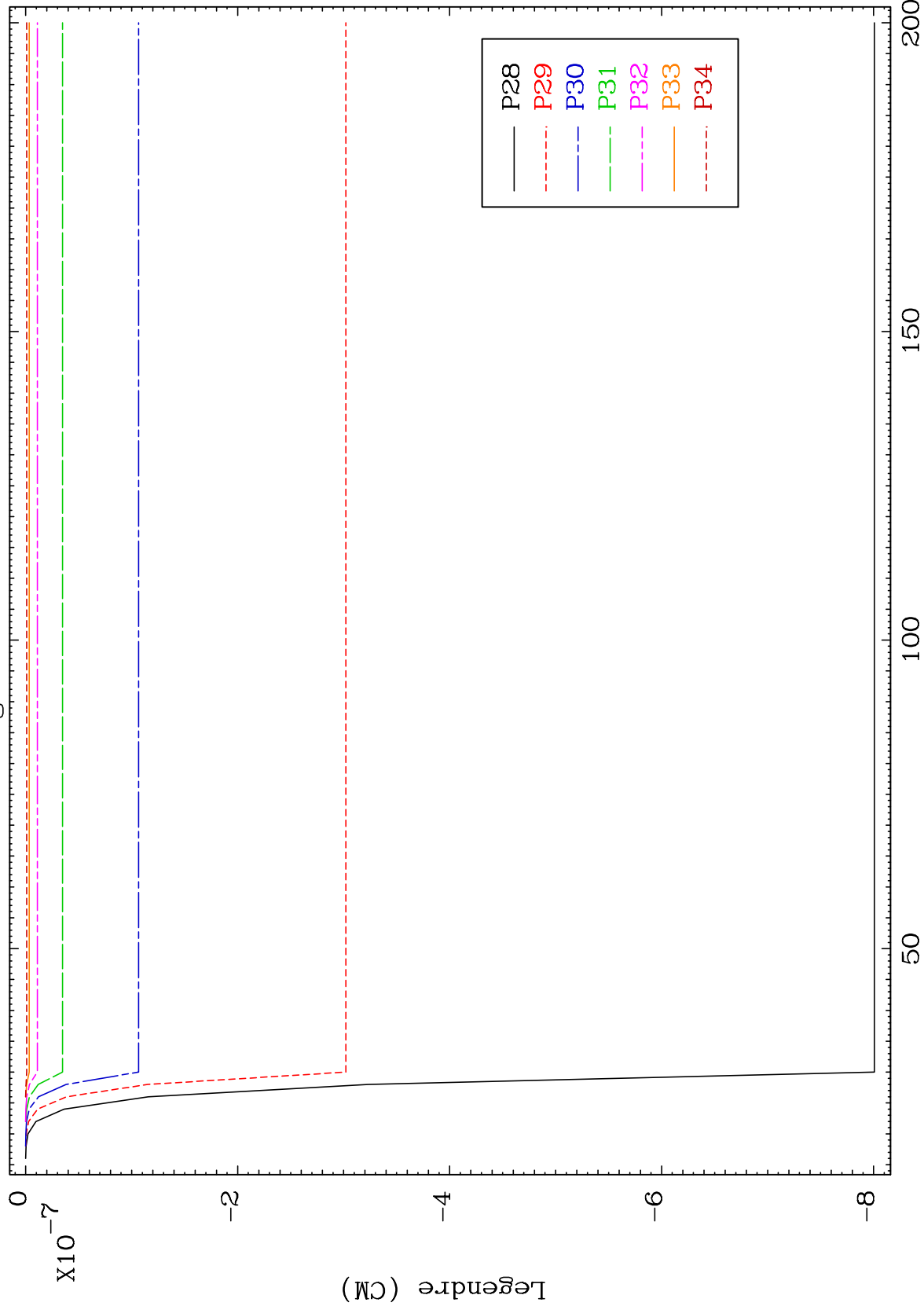
56-Ba-126

MAT 5613

MT= 67 (n,n') Level

56-Ba-126

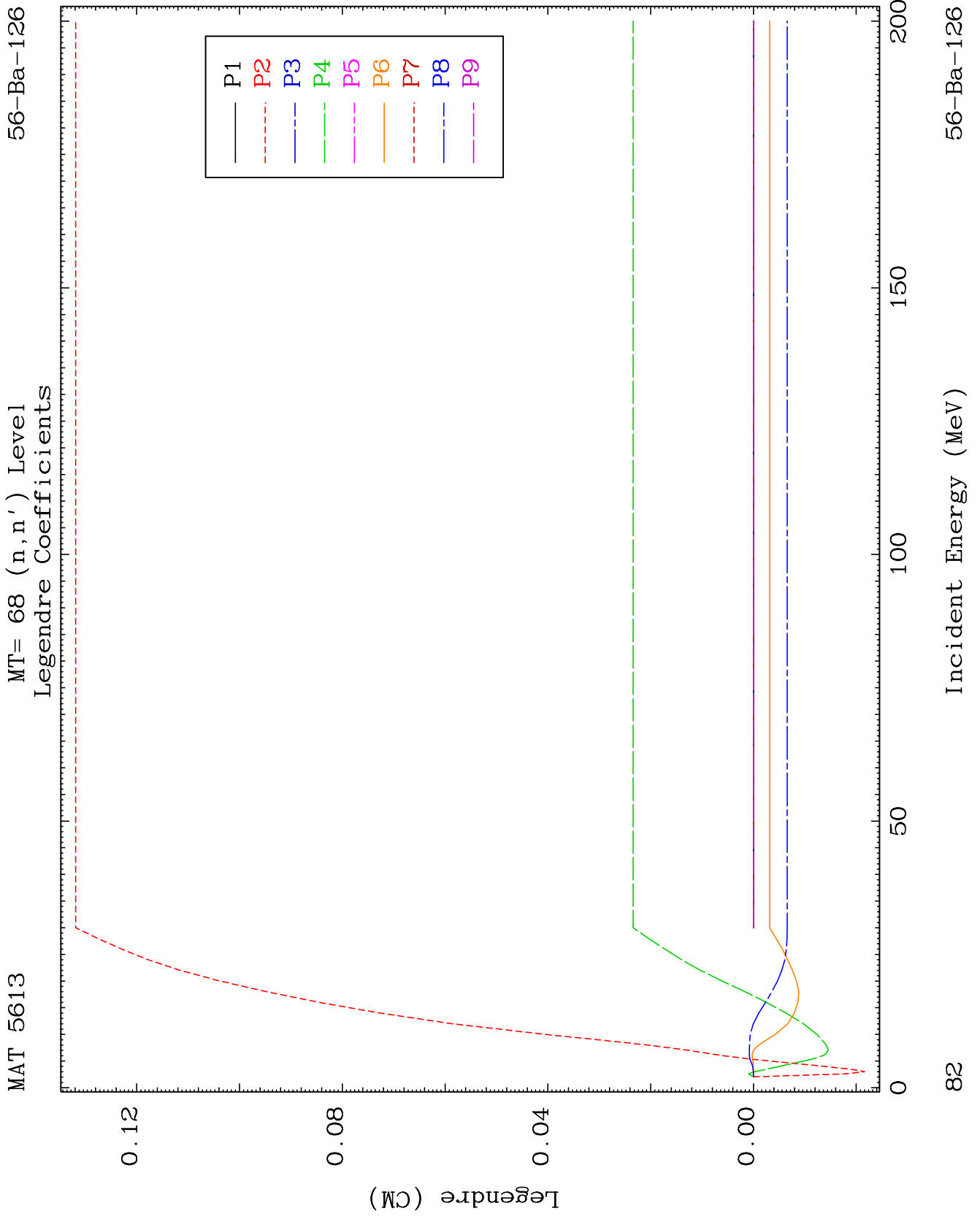
Legendre Coefficients



81

Incident Energy (MeV)

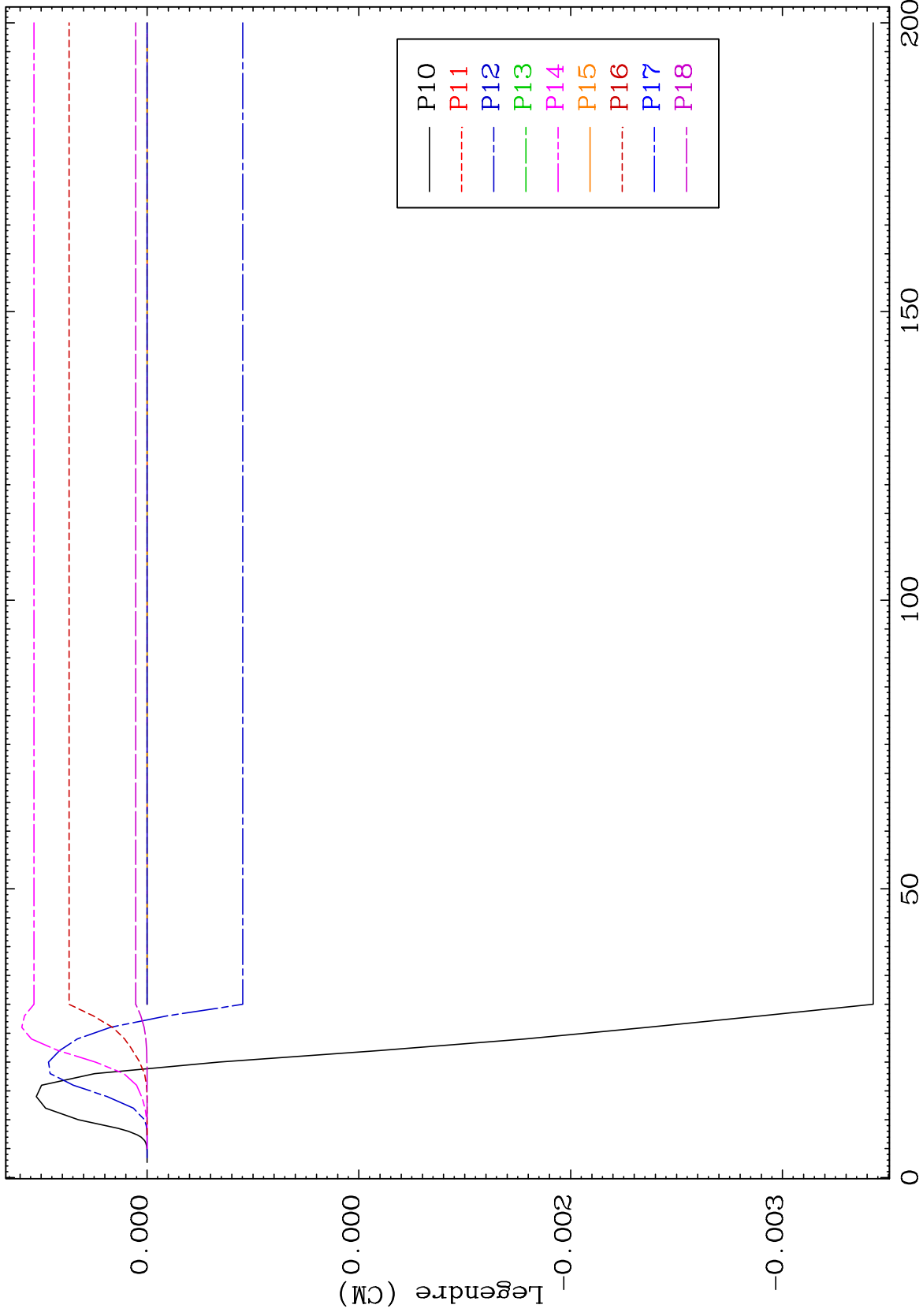
56-Ba-126



MAT 5613

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

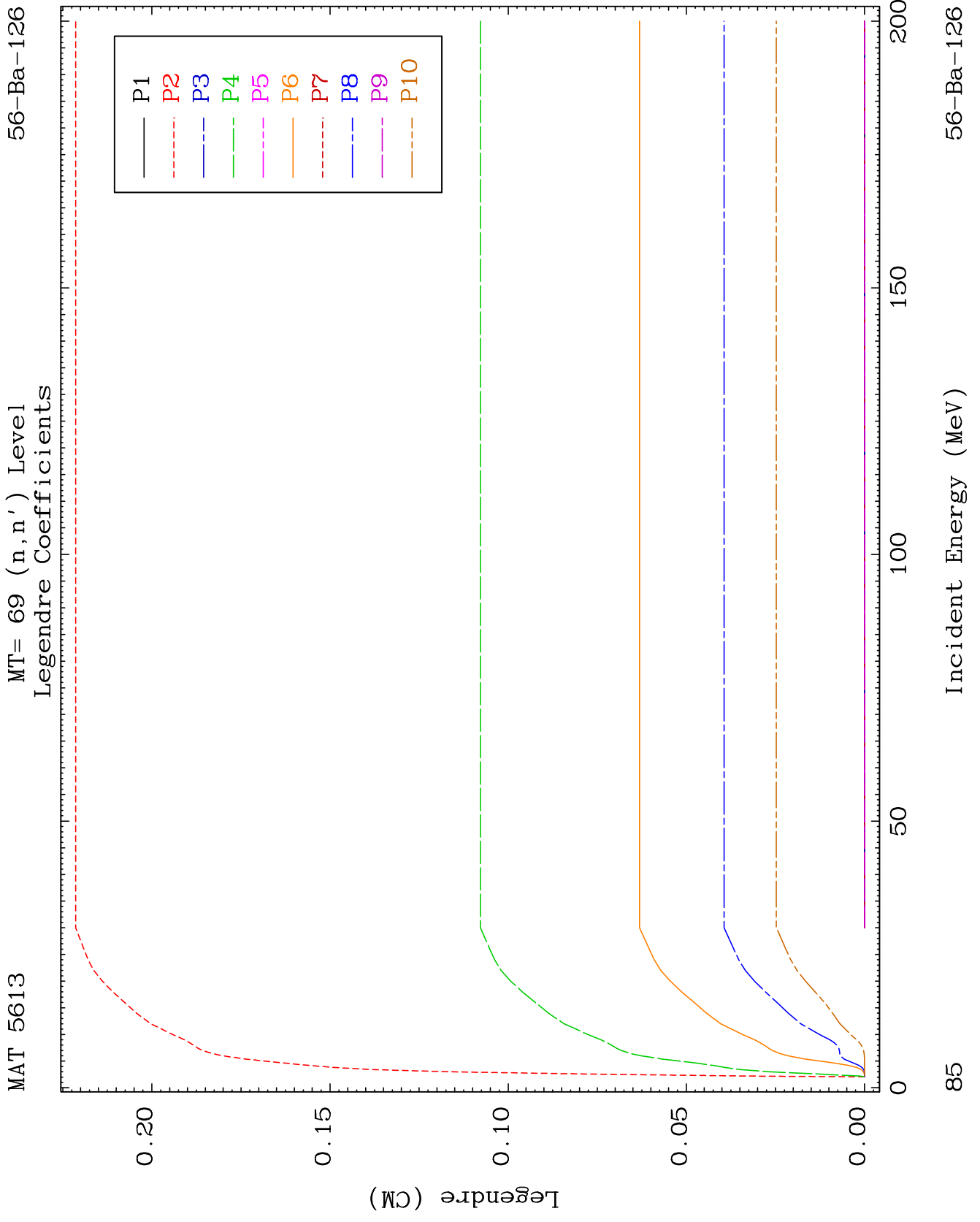
56-Ba-126

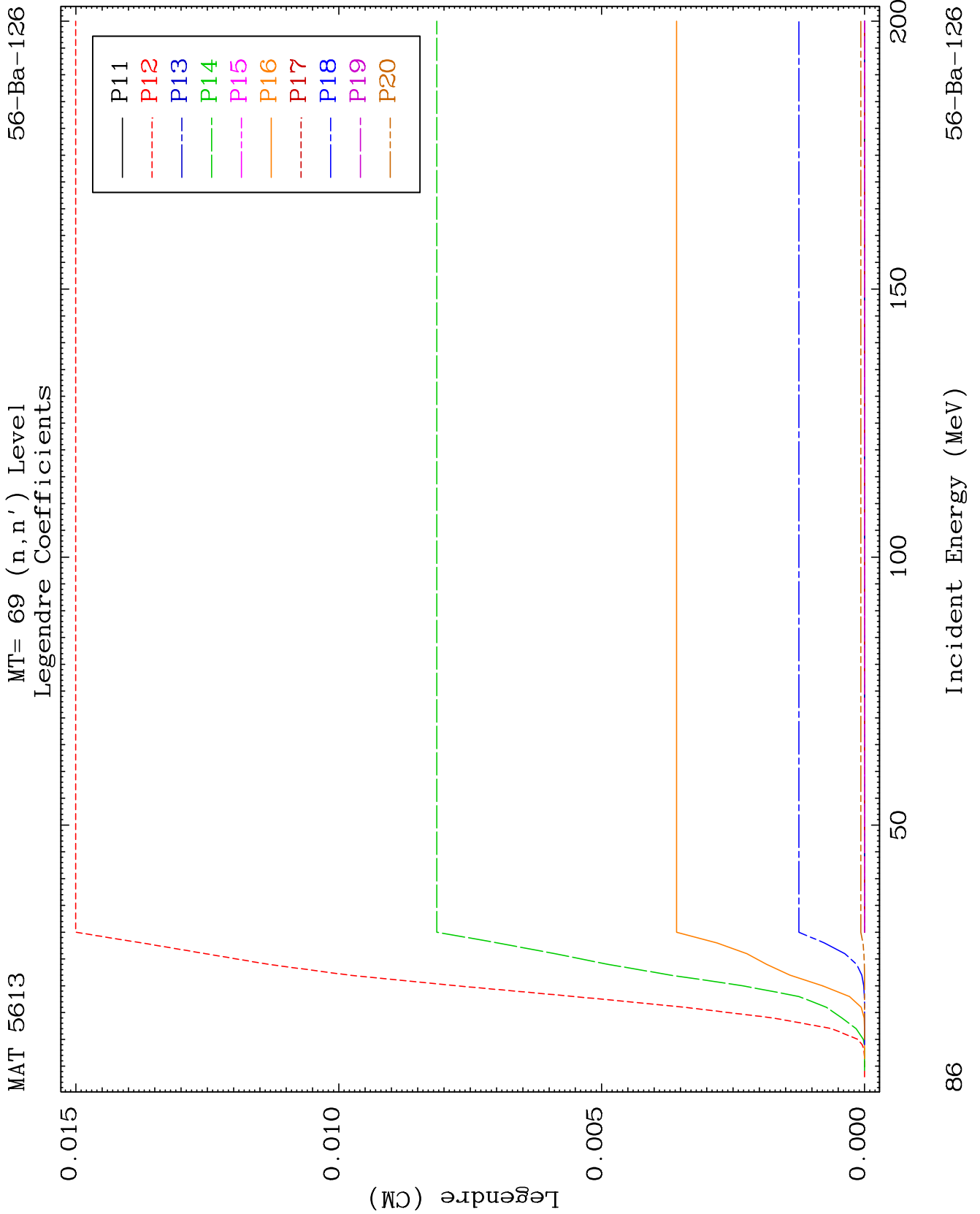


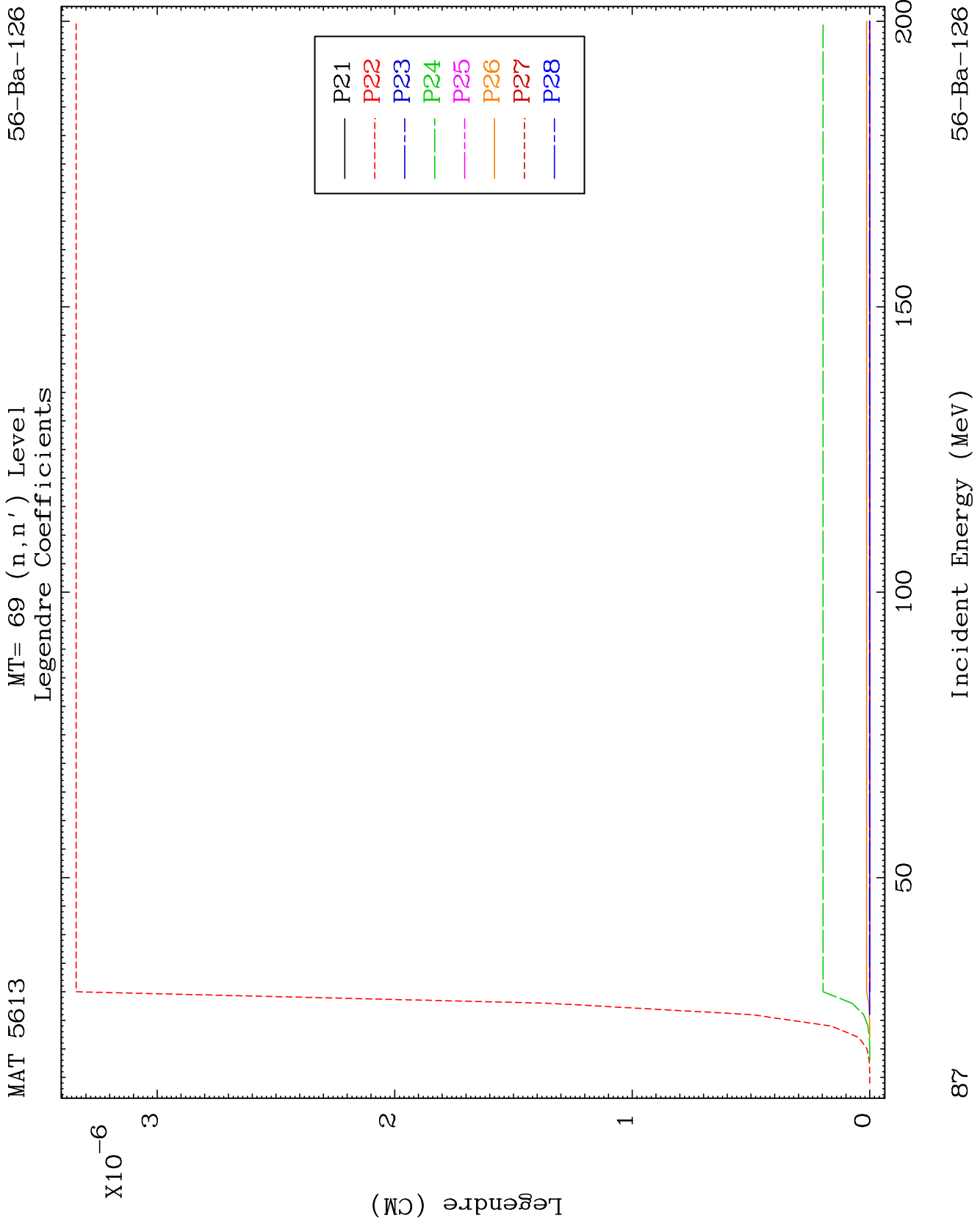
83

Incident Energy (MeV)

56-Ba-126



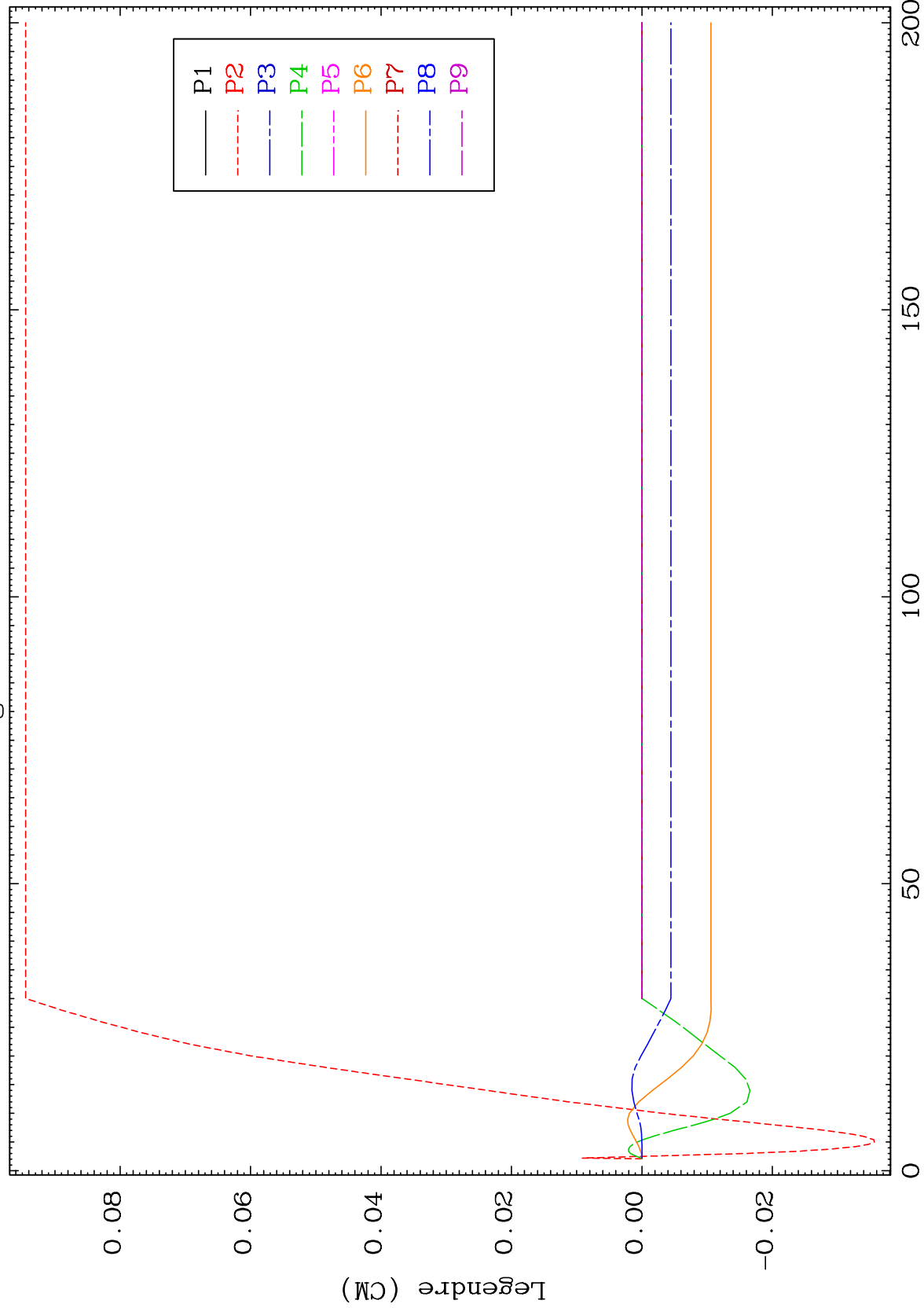




MAT 5613

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

56-Ba-126



88

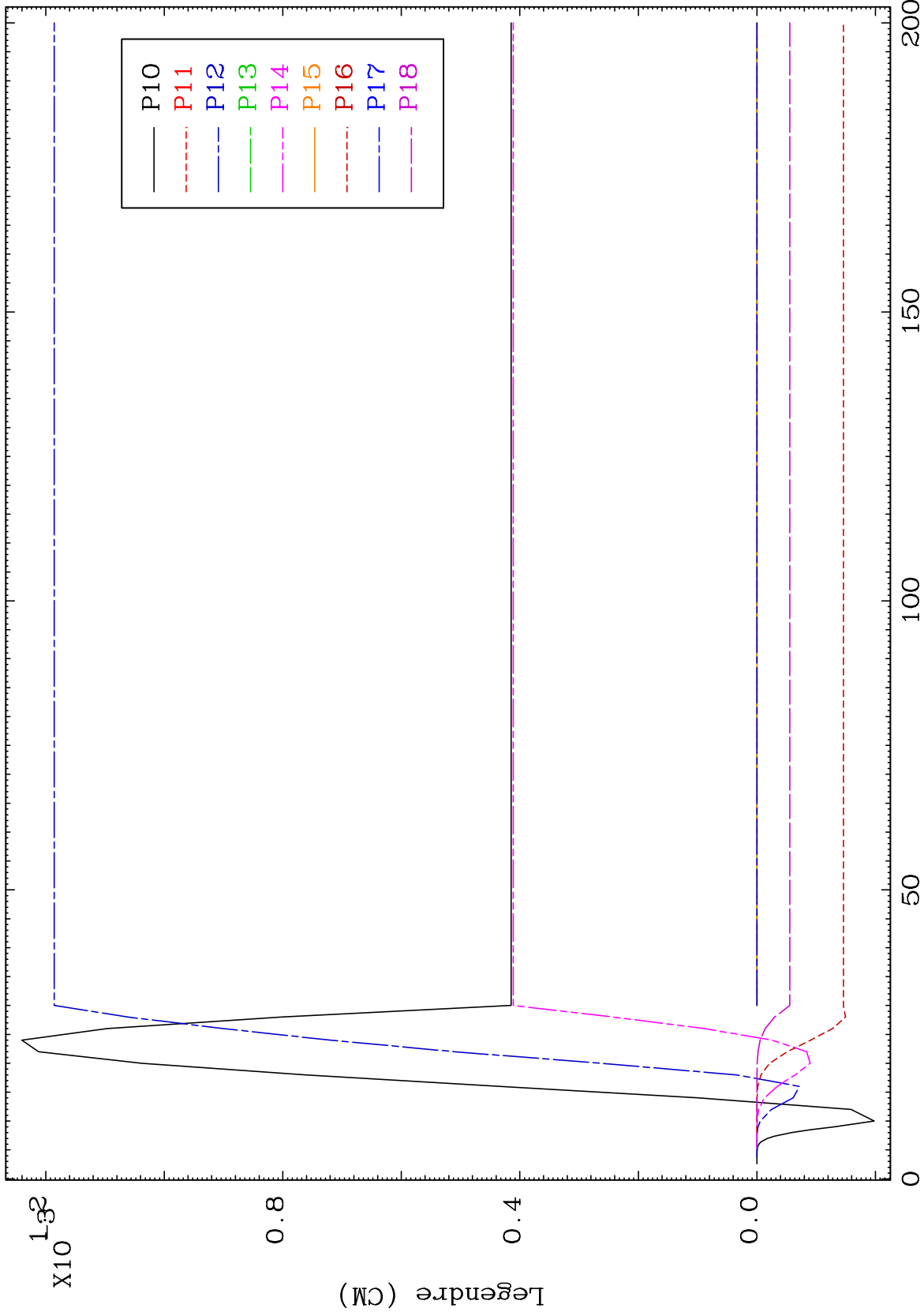
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

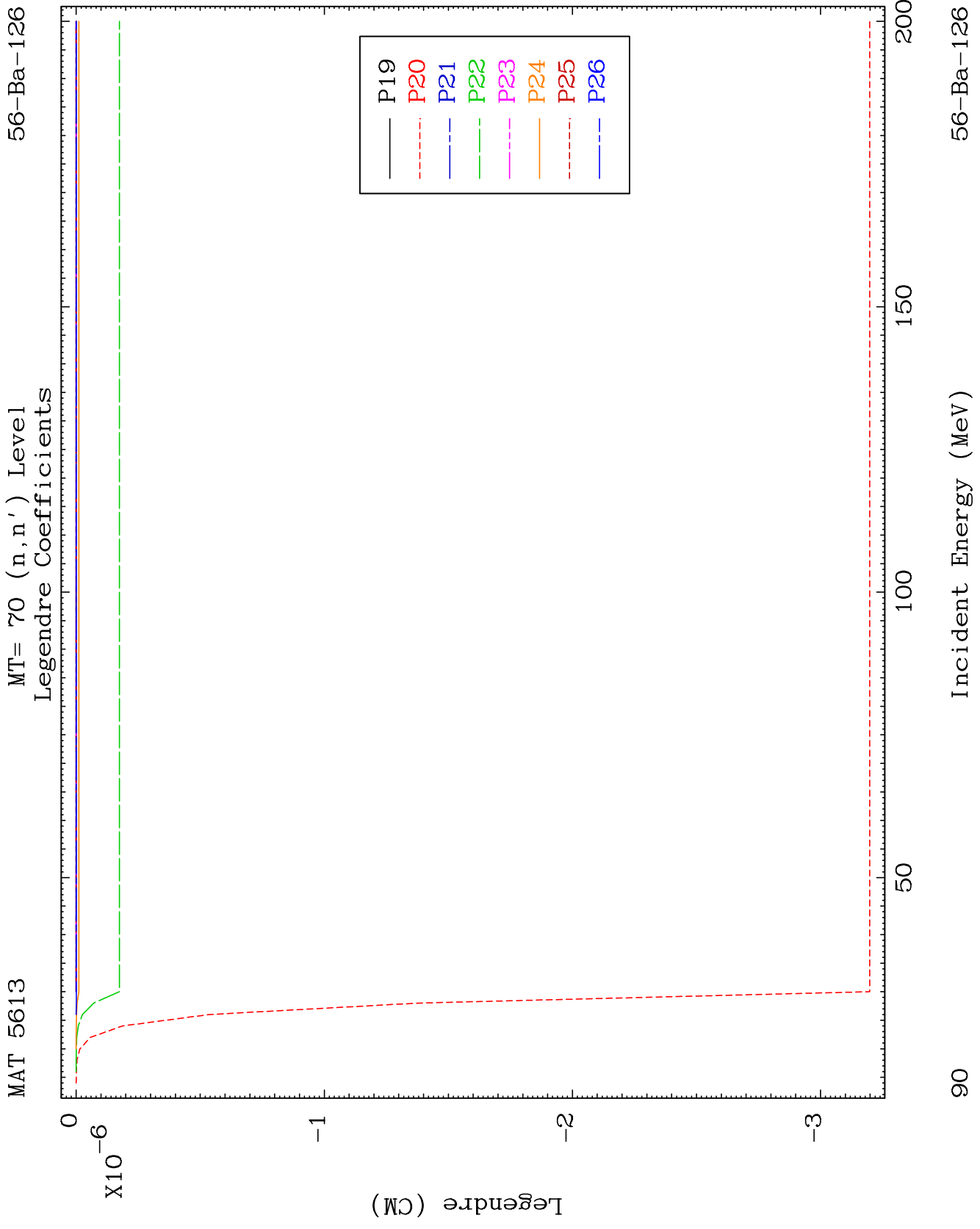
56-Ba-126



89

Incident Energy (MeV)

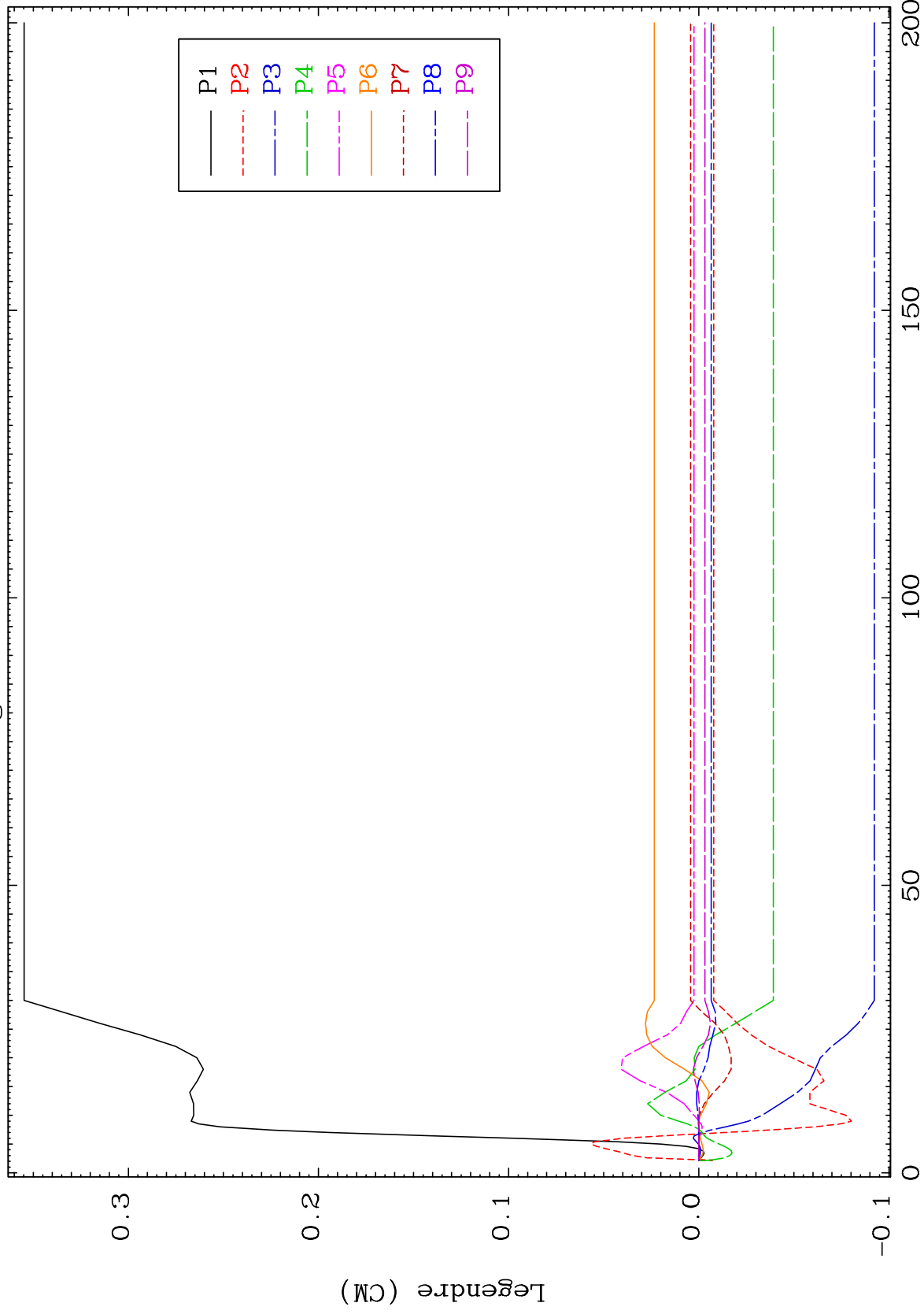
56-Ba-126



MAT 5613

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

56-Ba-126



91

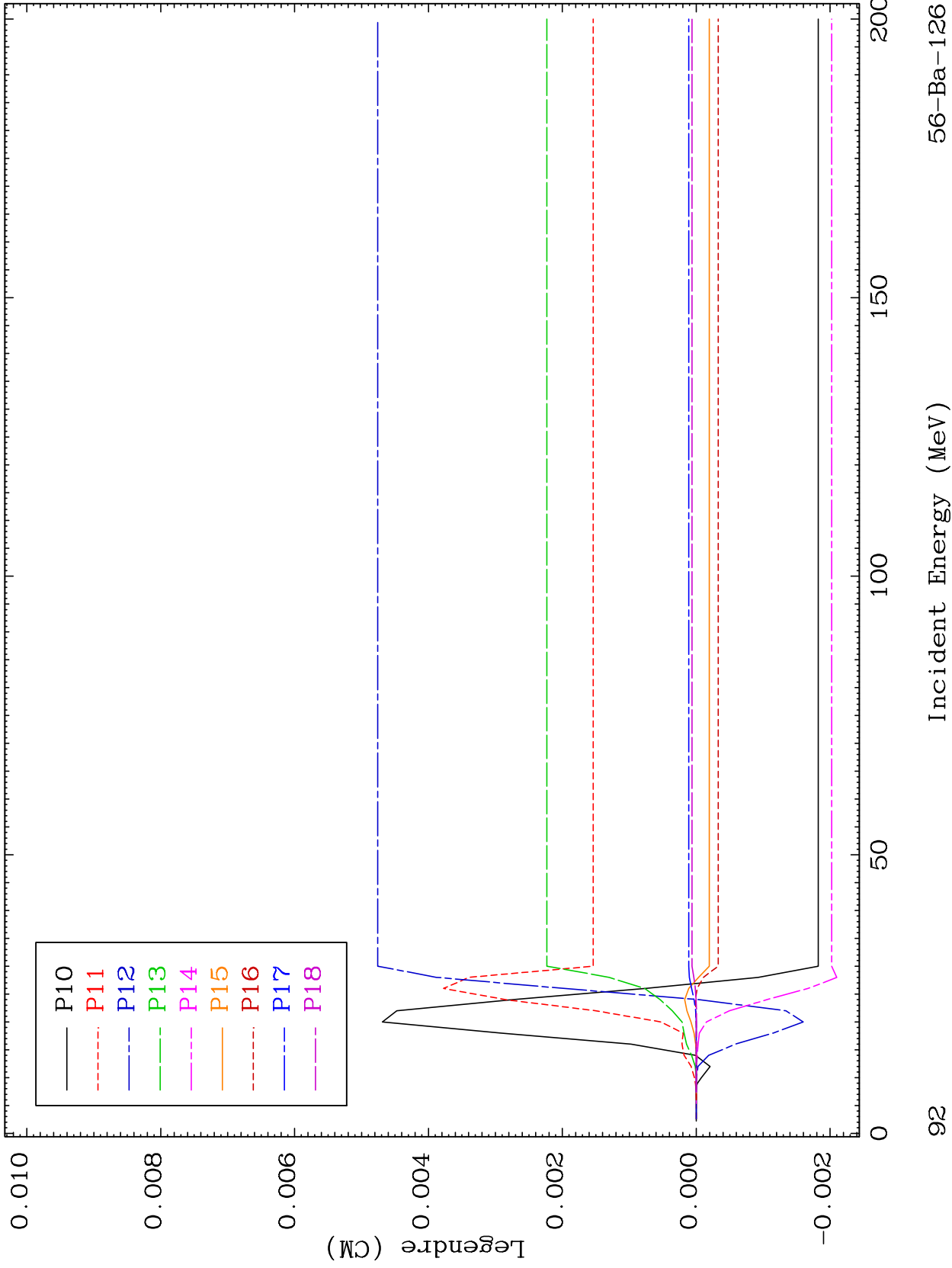
Incident Energy (MeV)

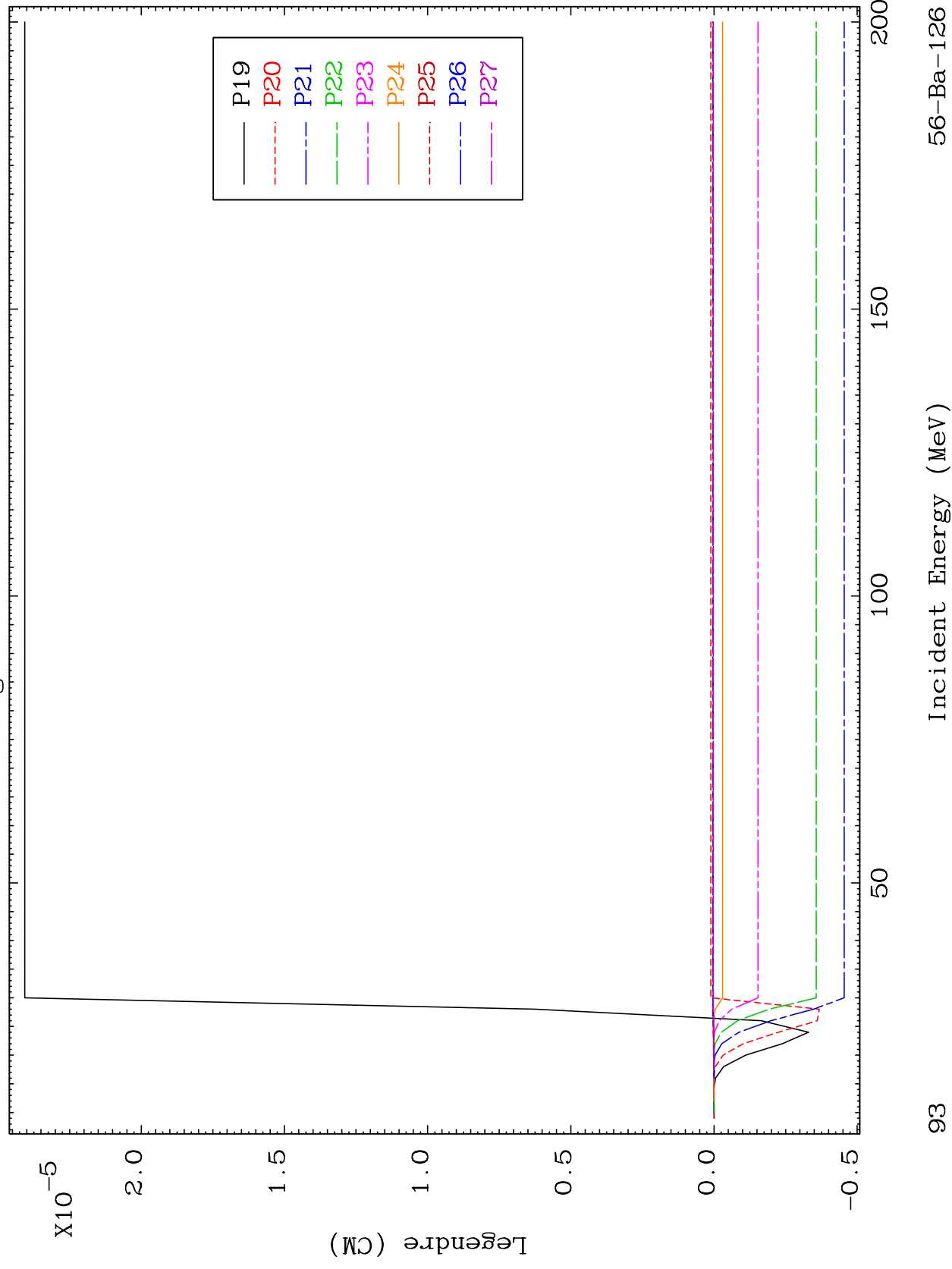
56-Ba-126

MAT 5613

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

56-Ba-126

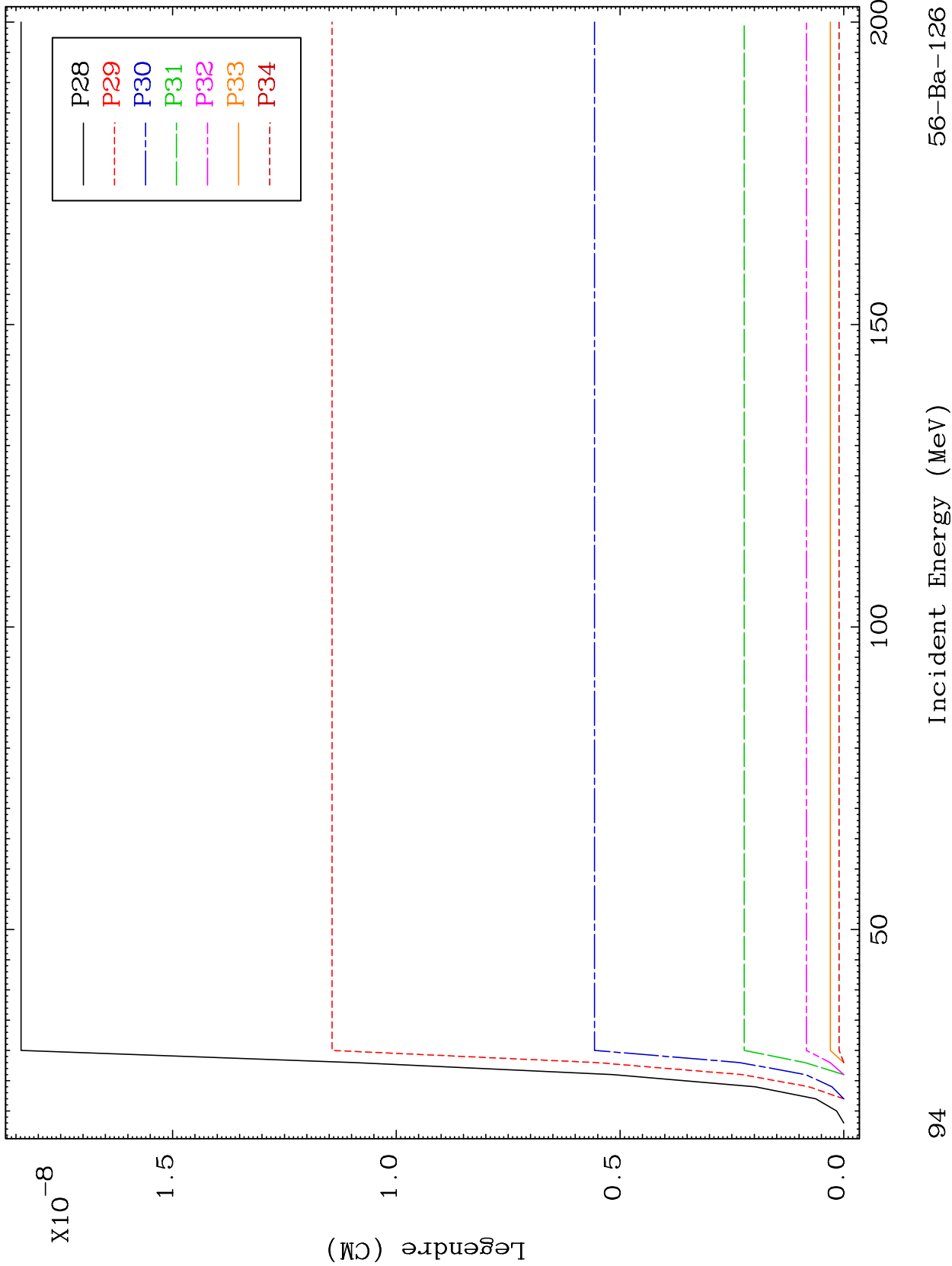




MAT 5613

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

56-Ba-126



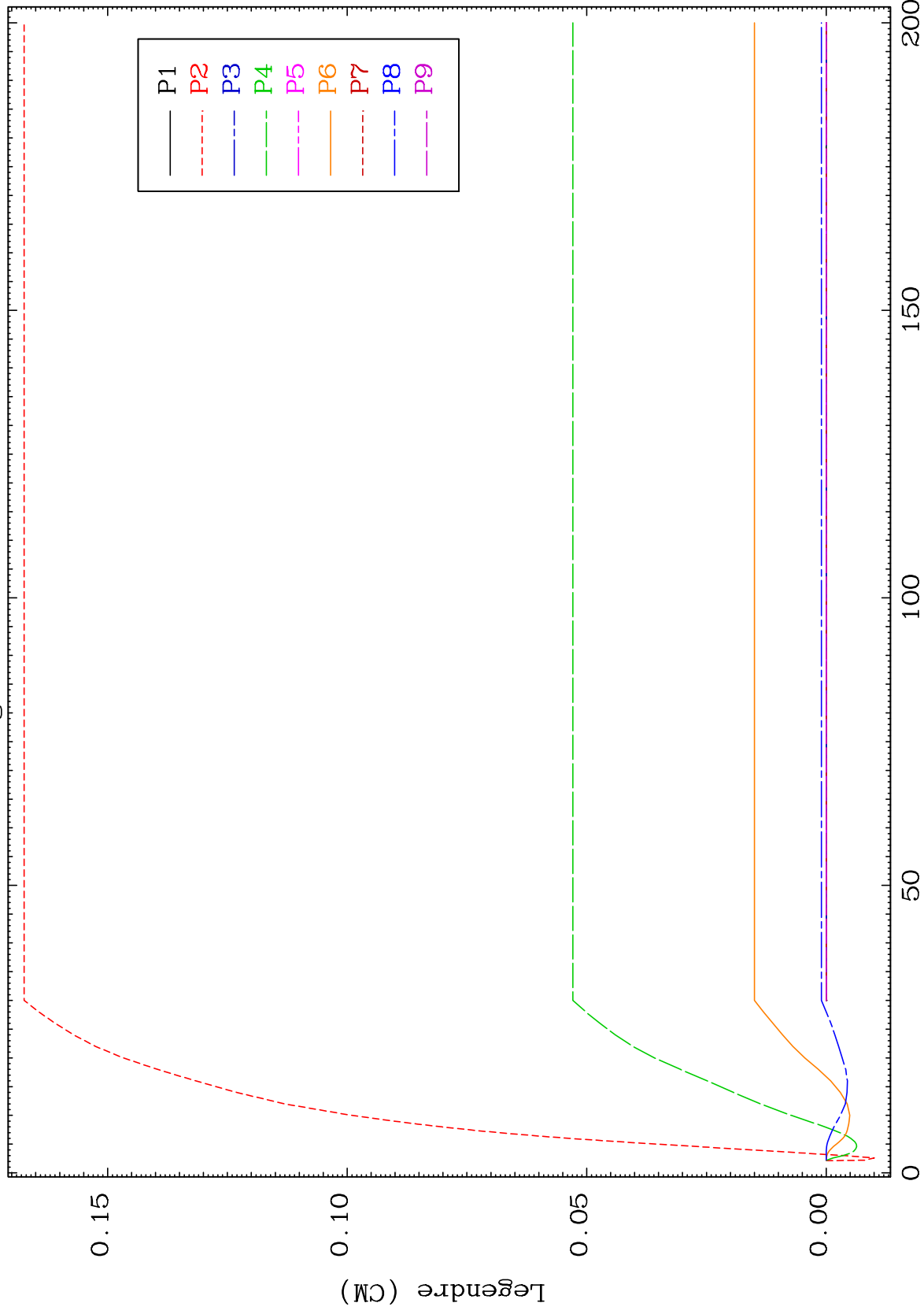
94

56-Ba-126

MAT 5613

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

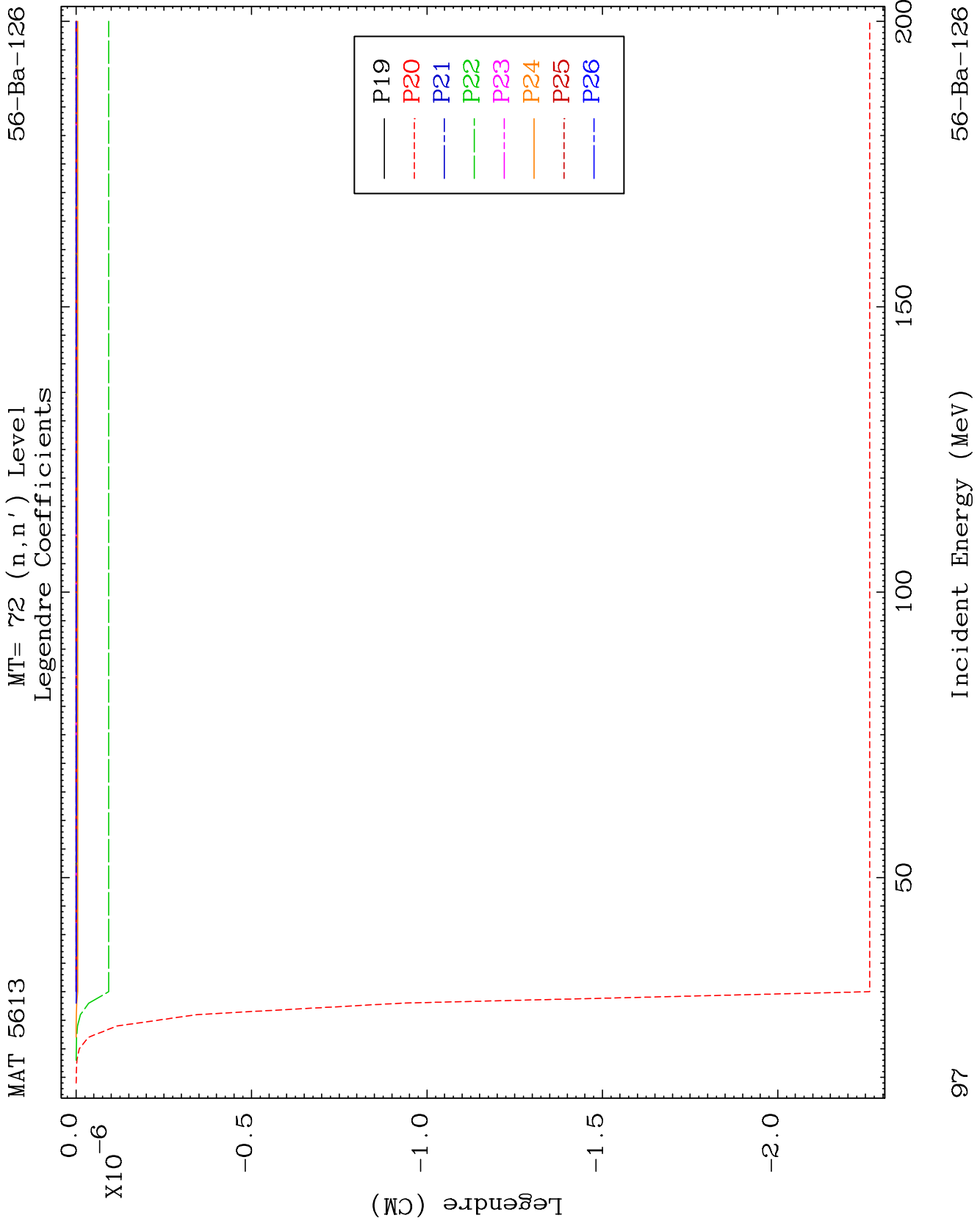
56-Ba-126



95

Incident Energy (MeV)

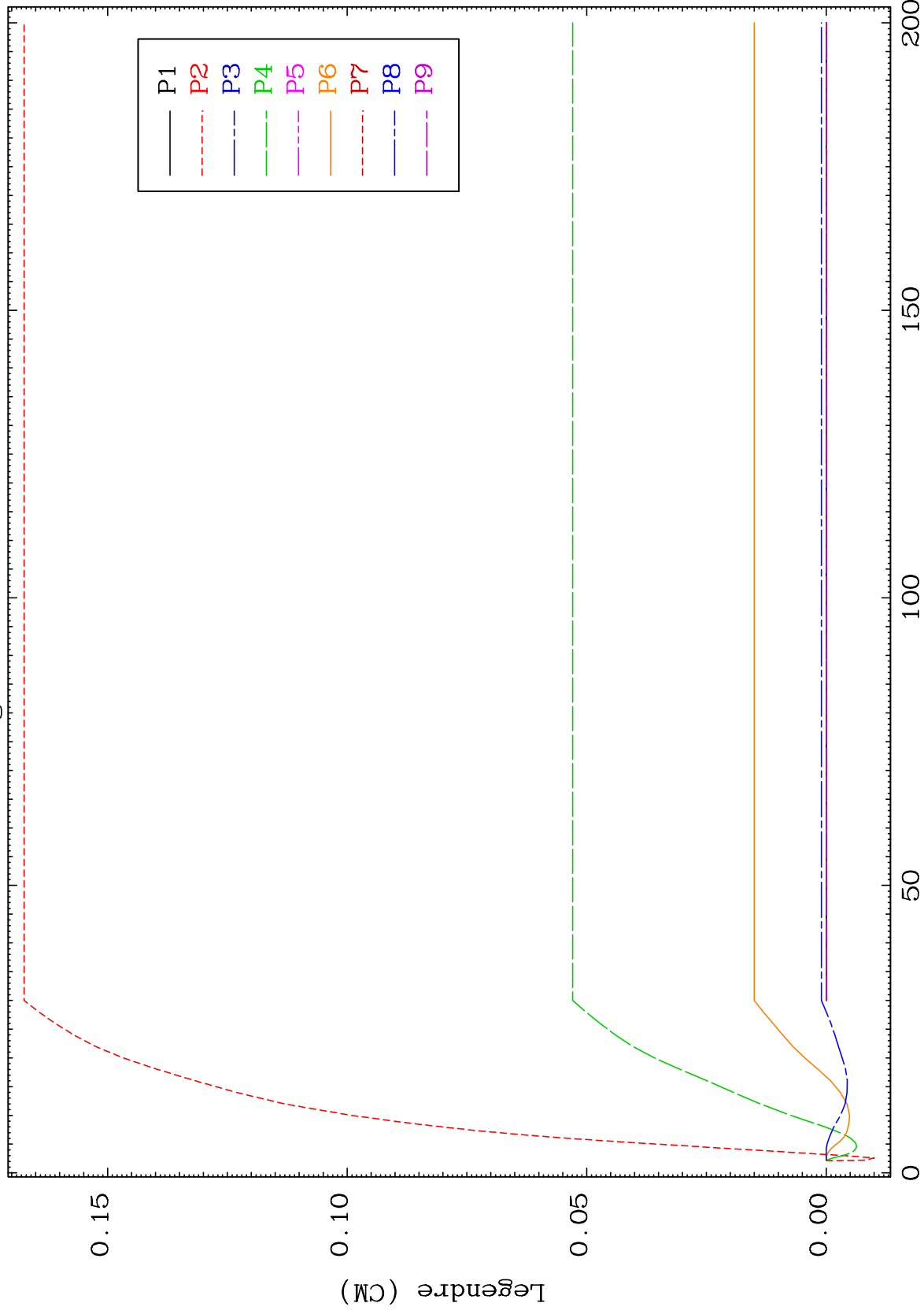
56-Ba-126



MAT 5613

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

56-Ba-126



98

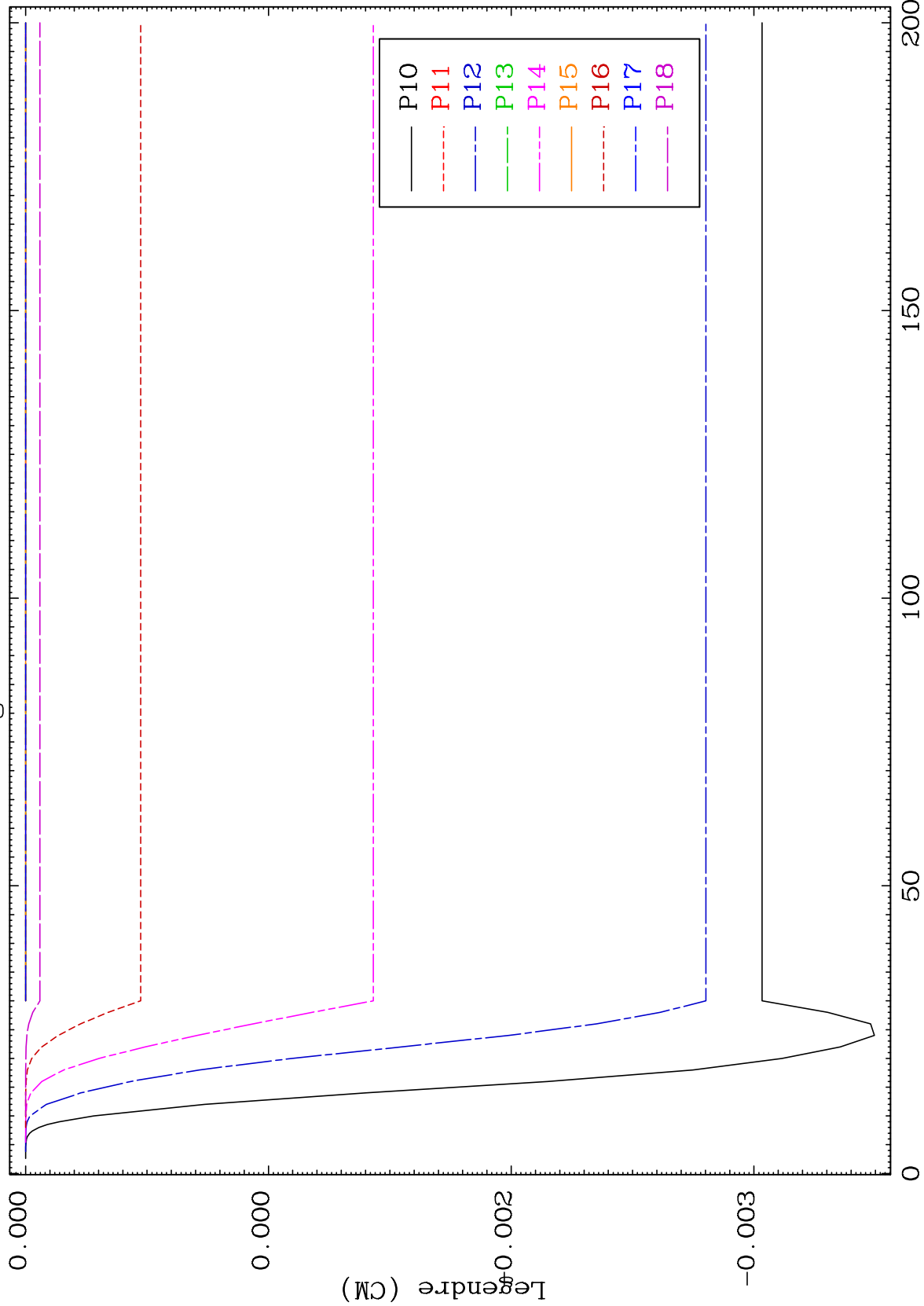
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

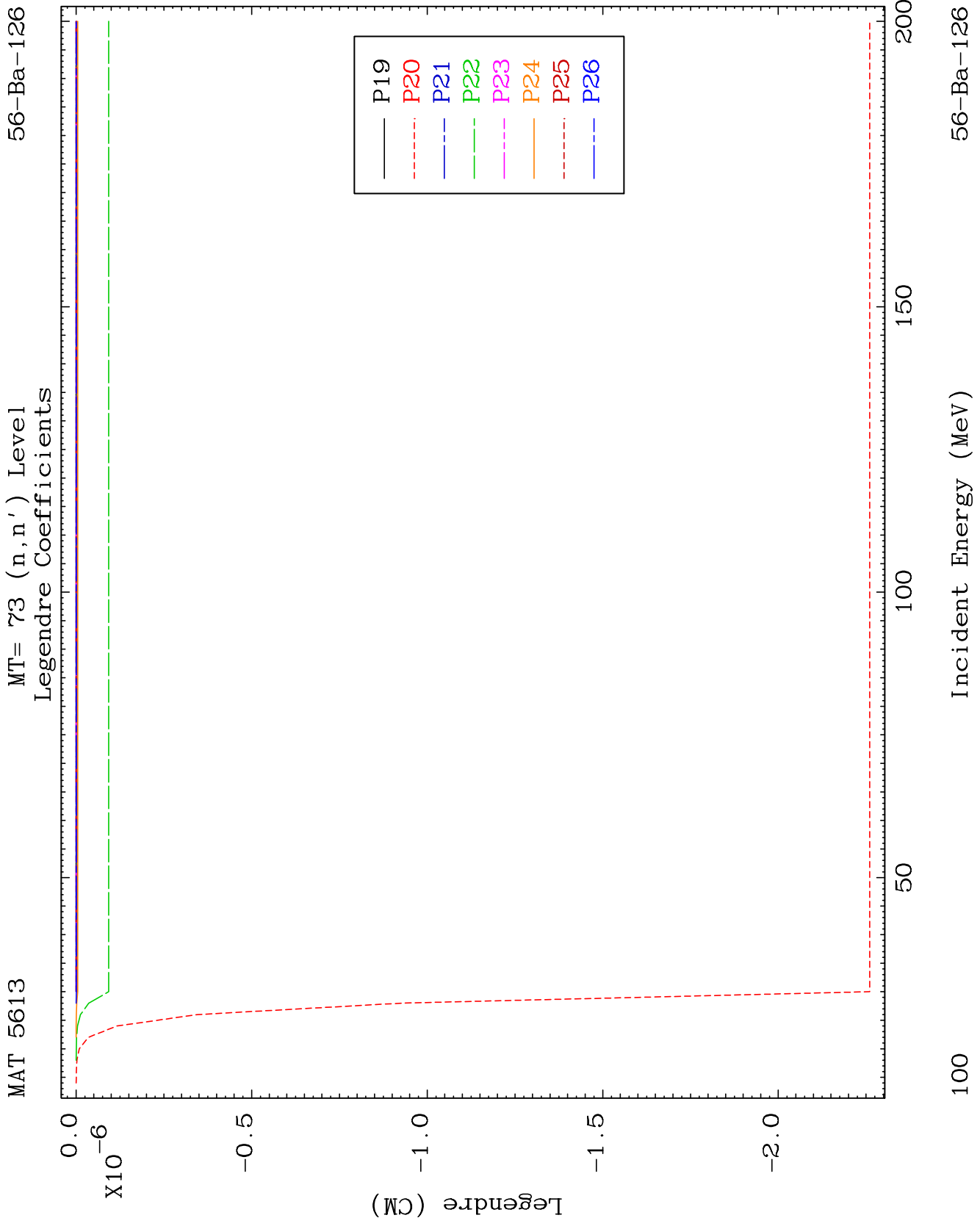
56-Ba-126



56-Ba-126

Incident Energy (MeV)

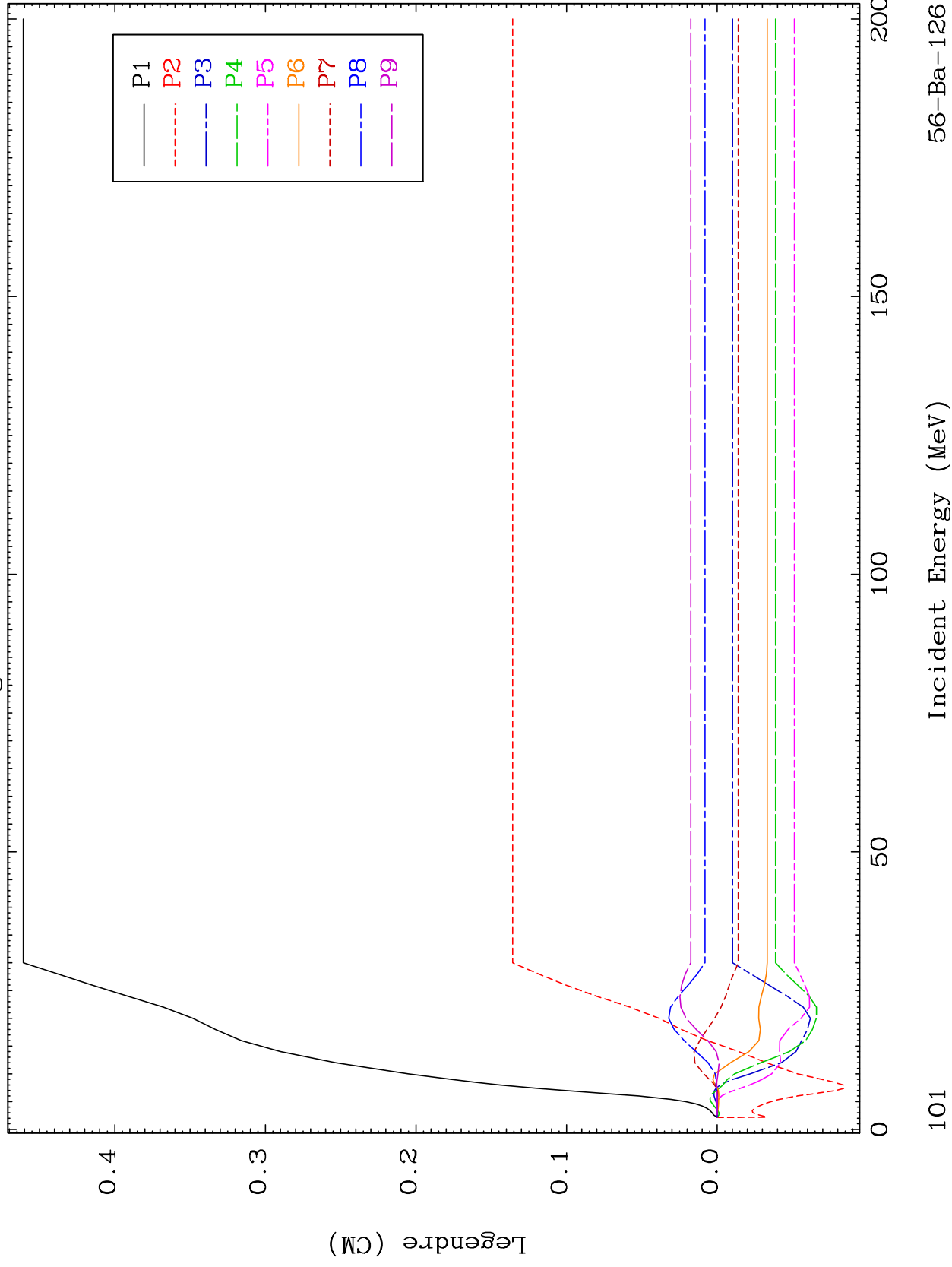
99



MAT 5613

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

56-Ba-126



56-Ba-126

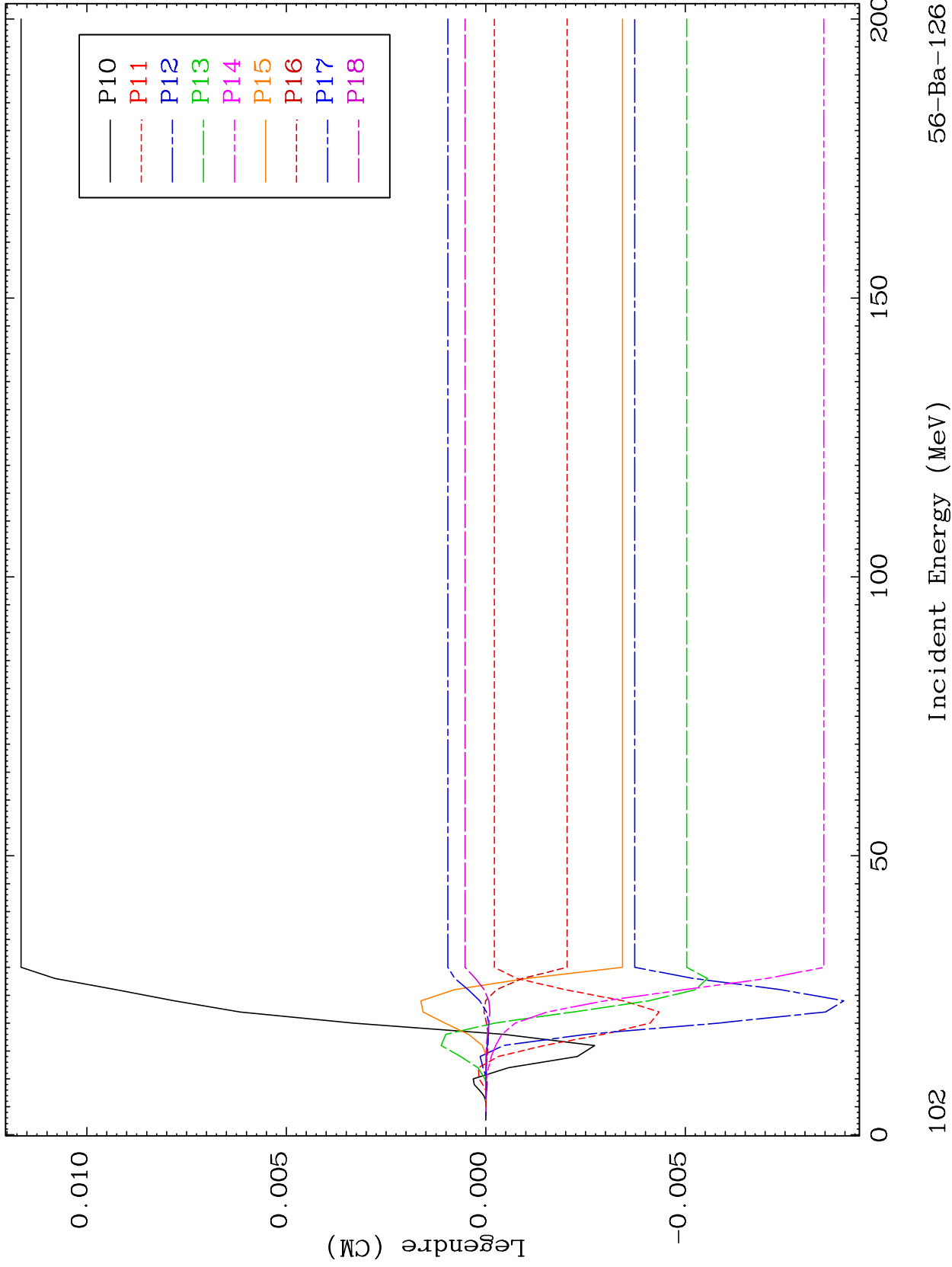
Incident Energy (MeV)

101

MAT 5613

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

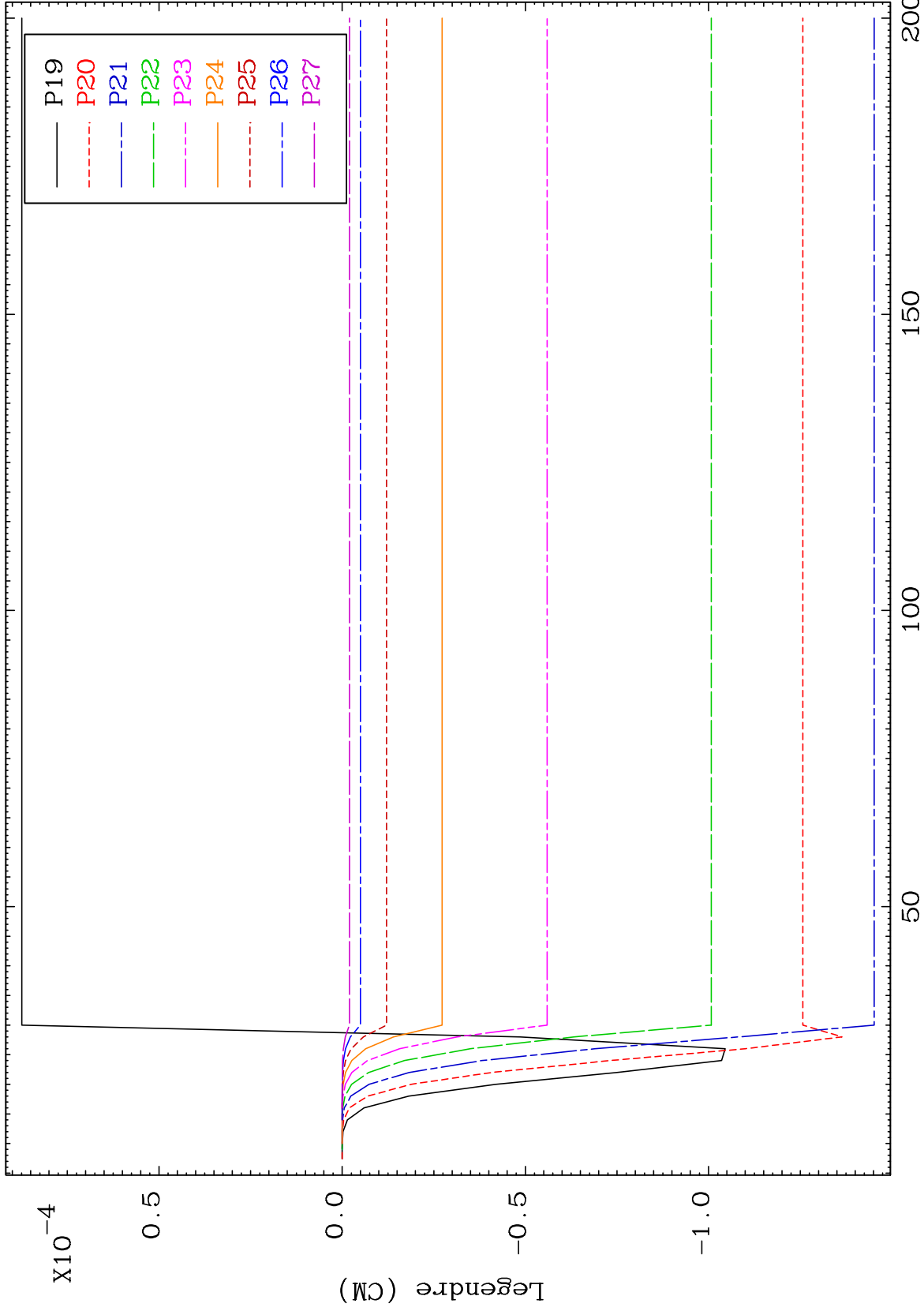
56-Ba-126



56-Ba-126

Incident Energy (MeV)

102

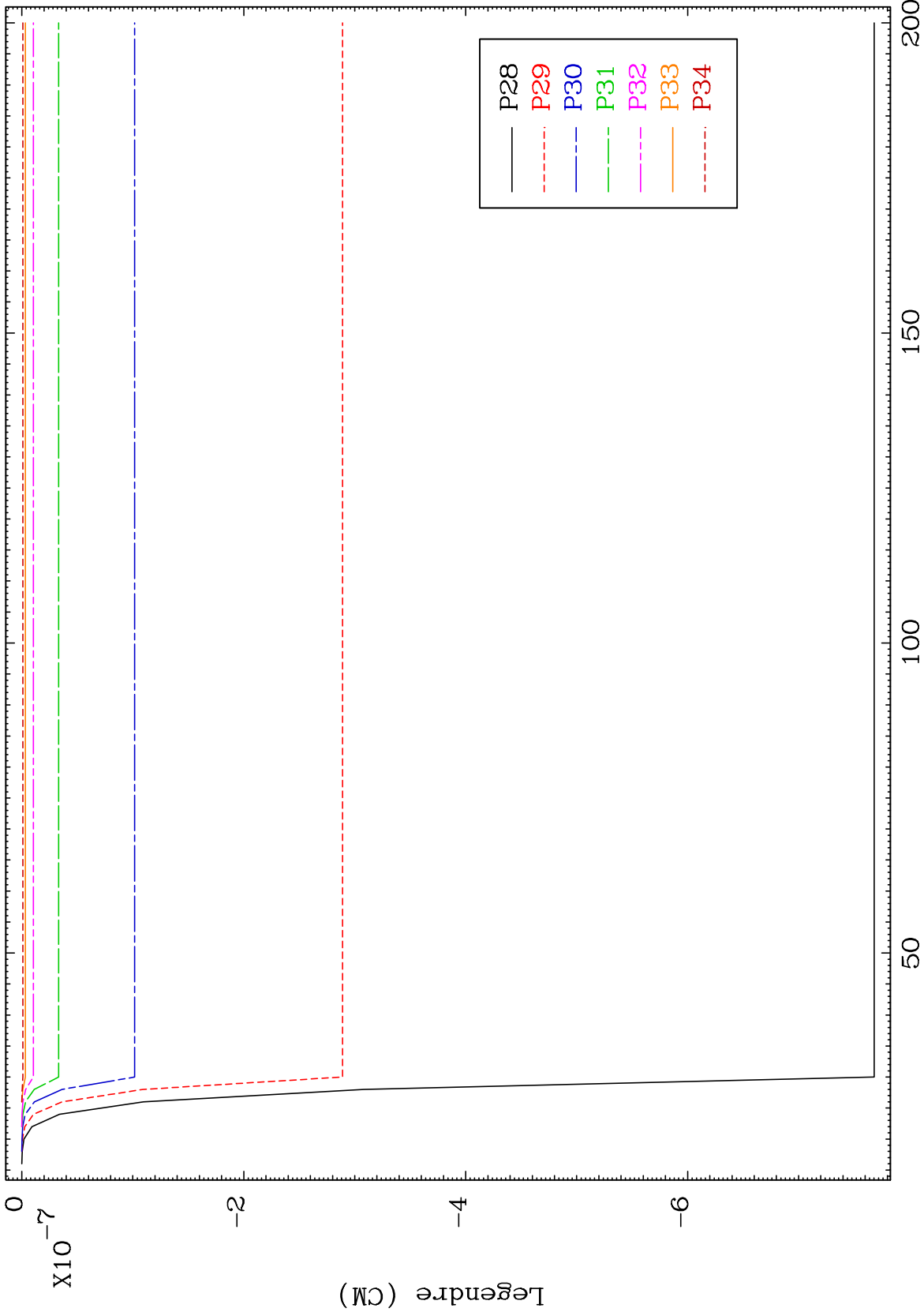


MAT 5613

MT= 74 (n,n') Level

56-Ba-126

Legendre Coefficients



104

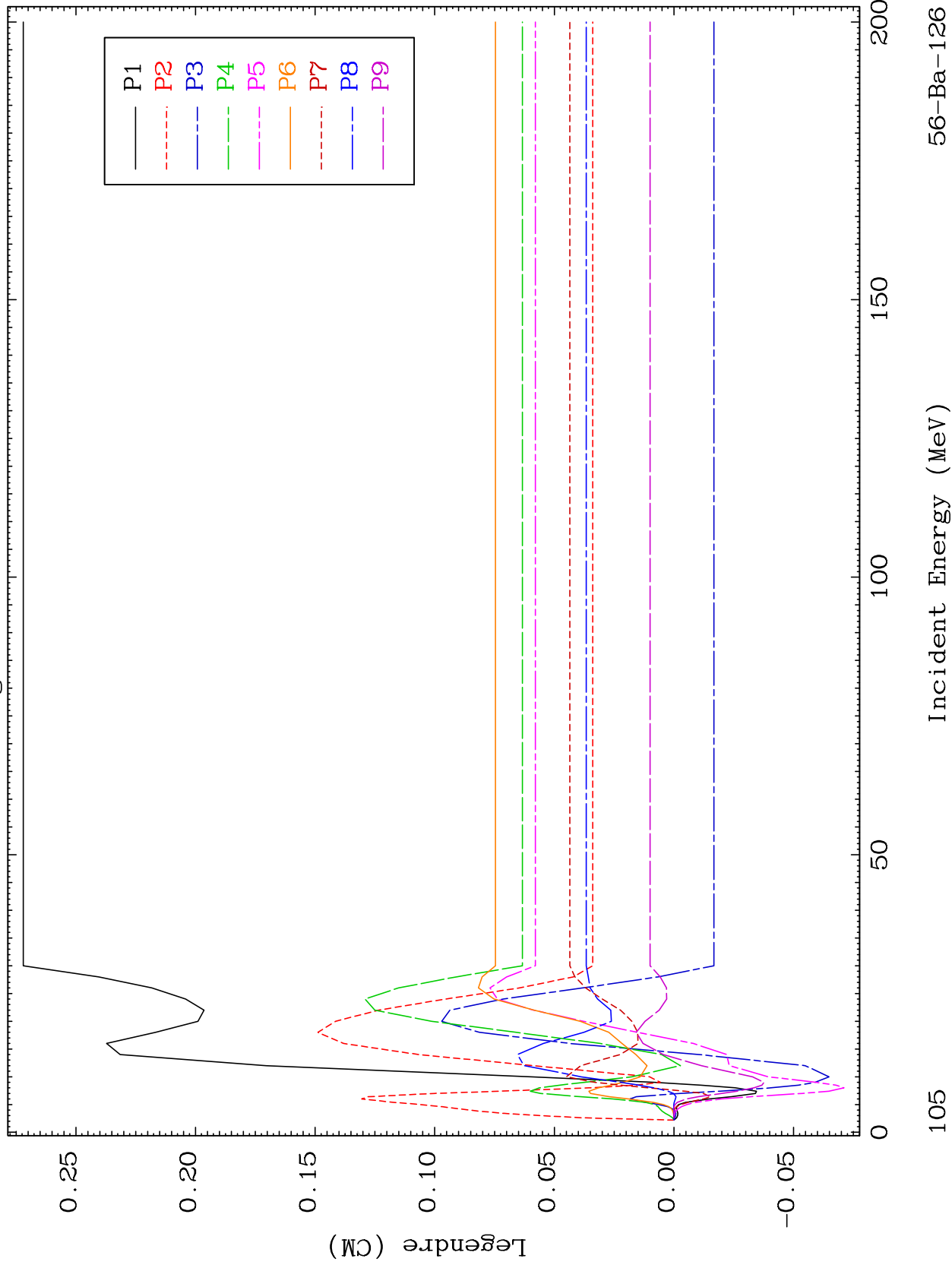
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



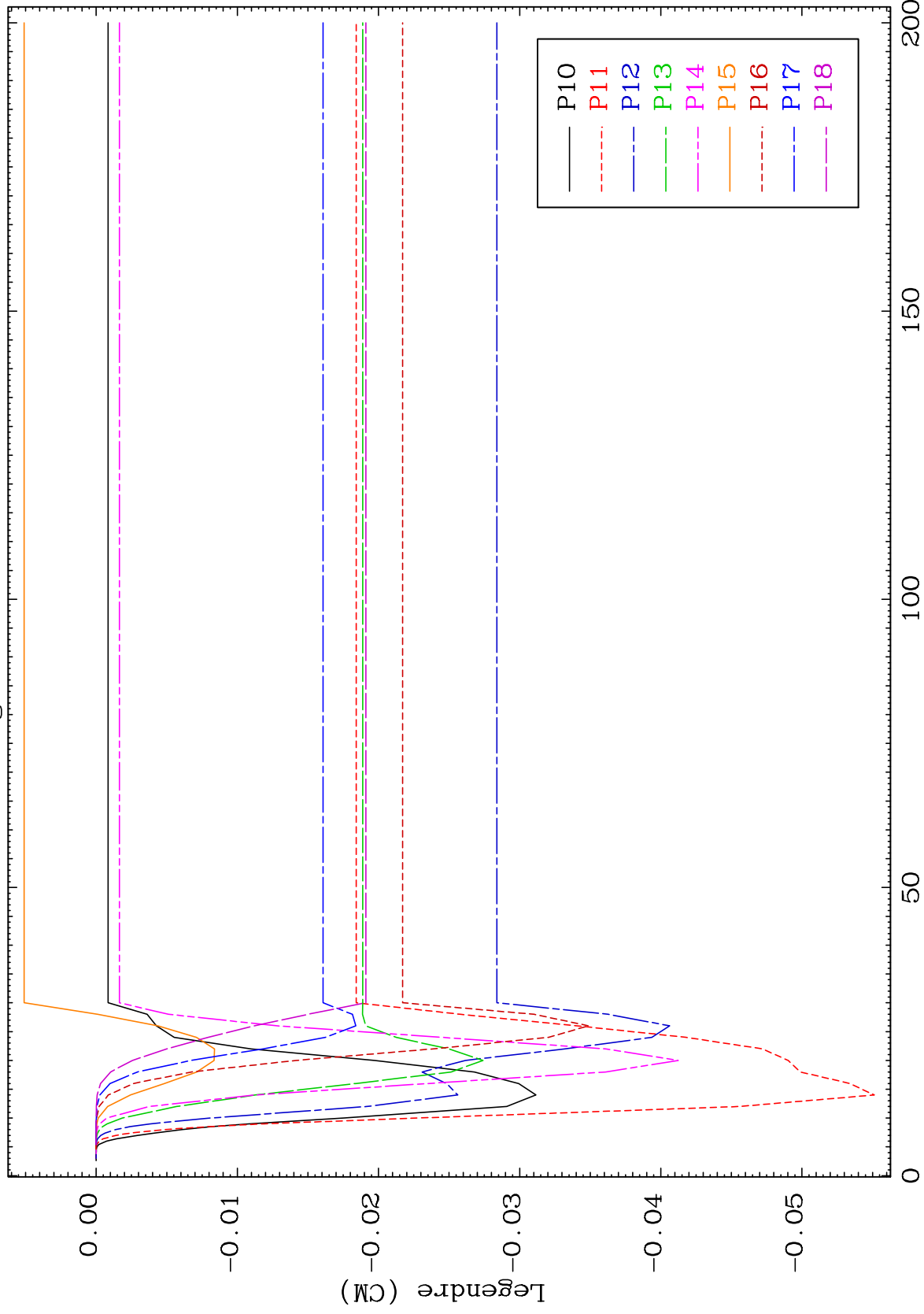
56-Ba-126

Incident Energy (MeV)

MAT 5613

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

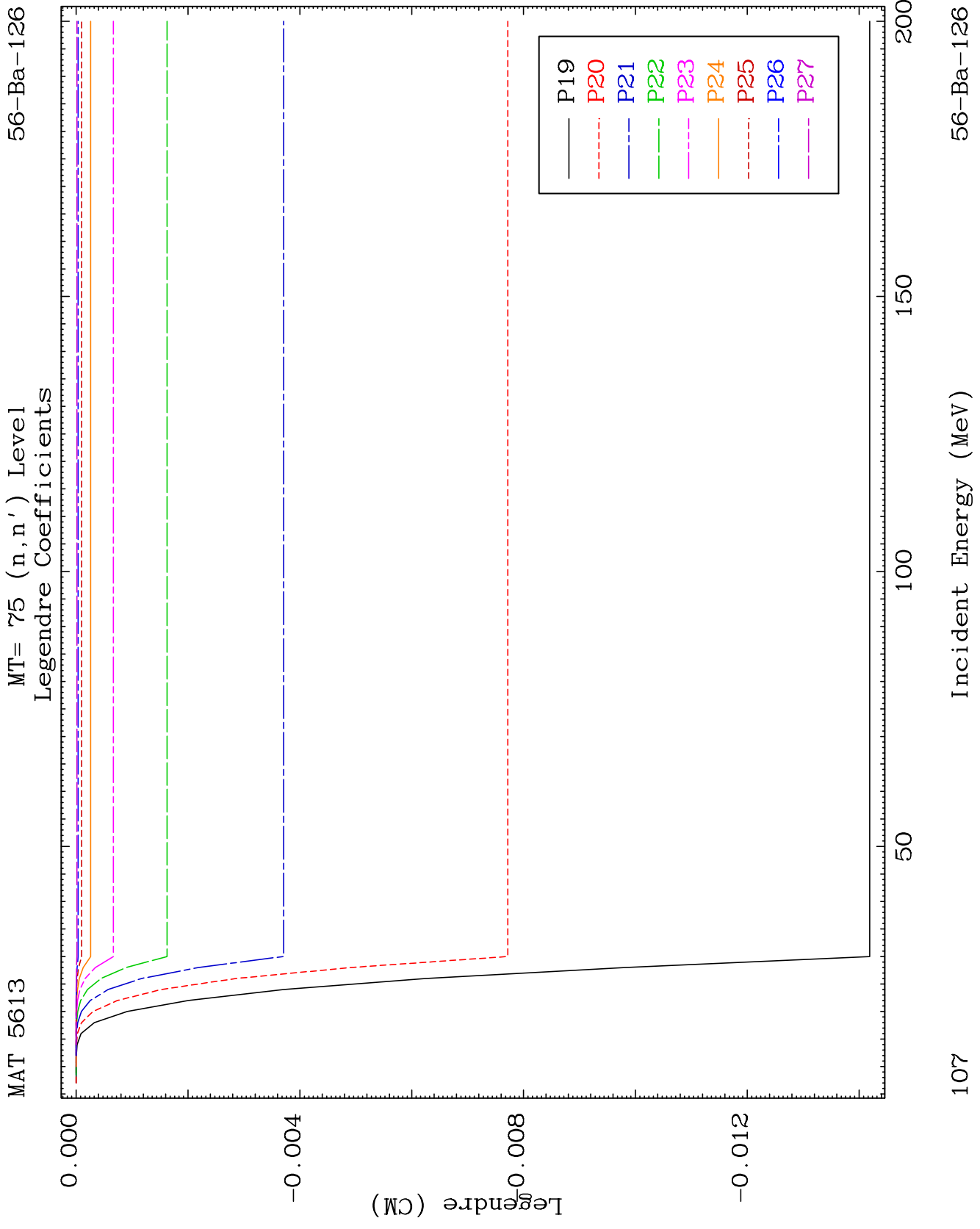
56-Ba-126

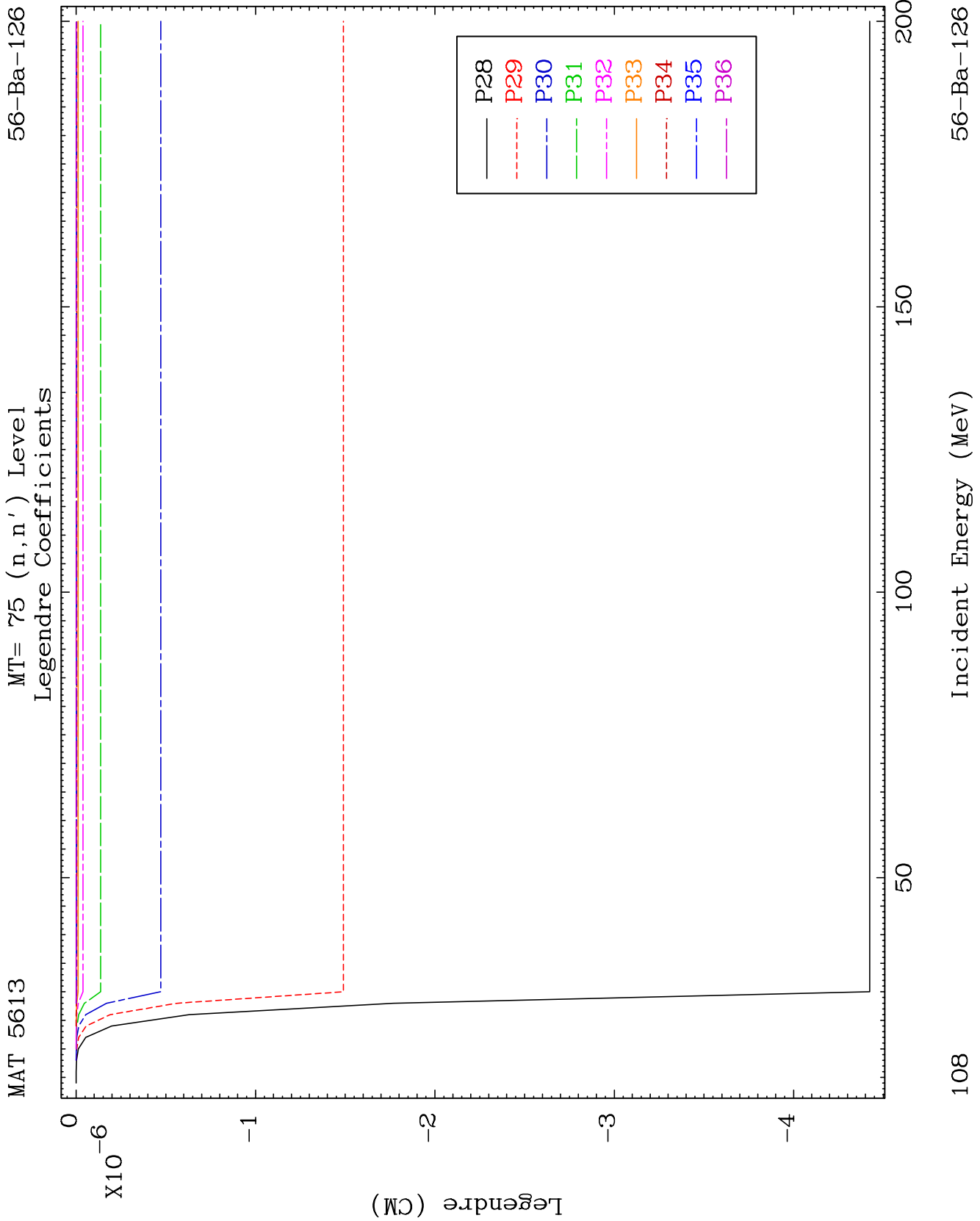


56-Ba-126

Incident Energy (MeV)

106

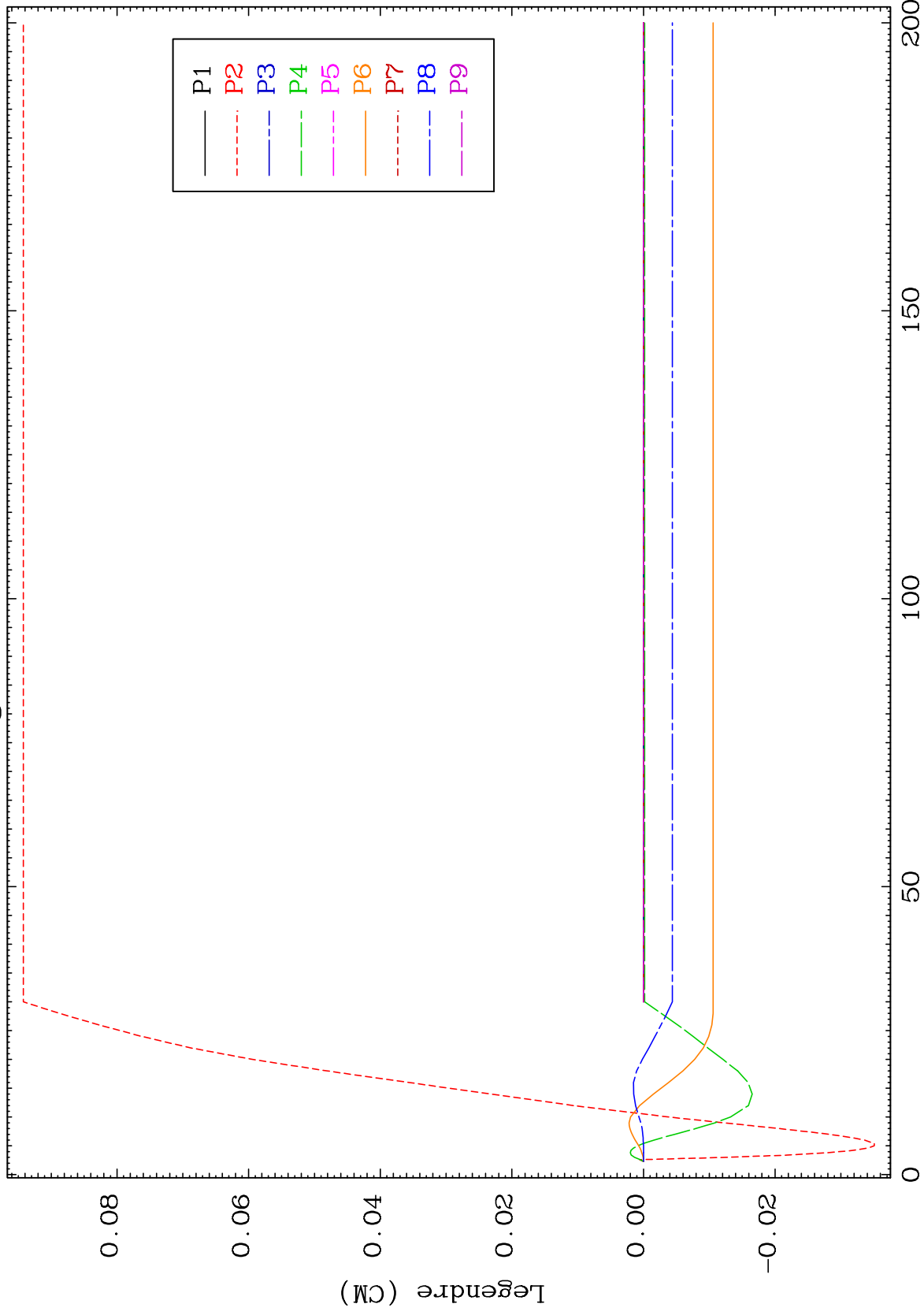




MAT 5613

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

56-Ba-126



56-Ba-126

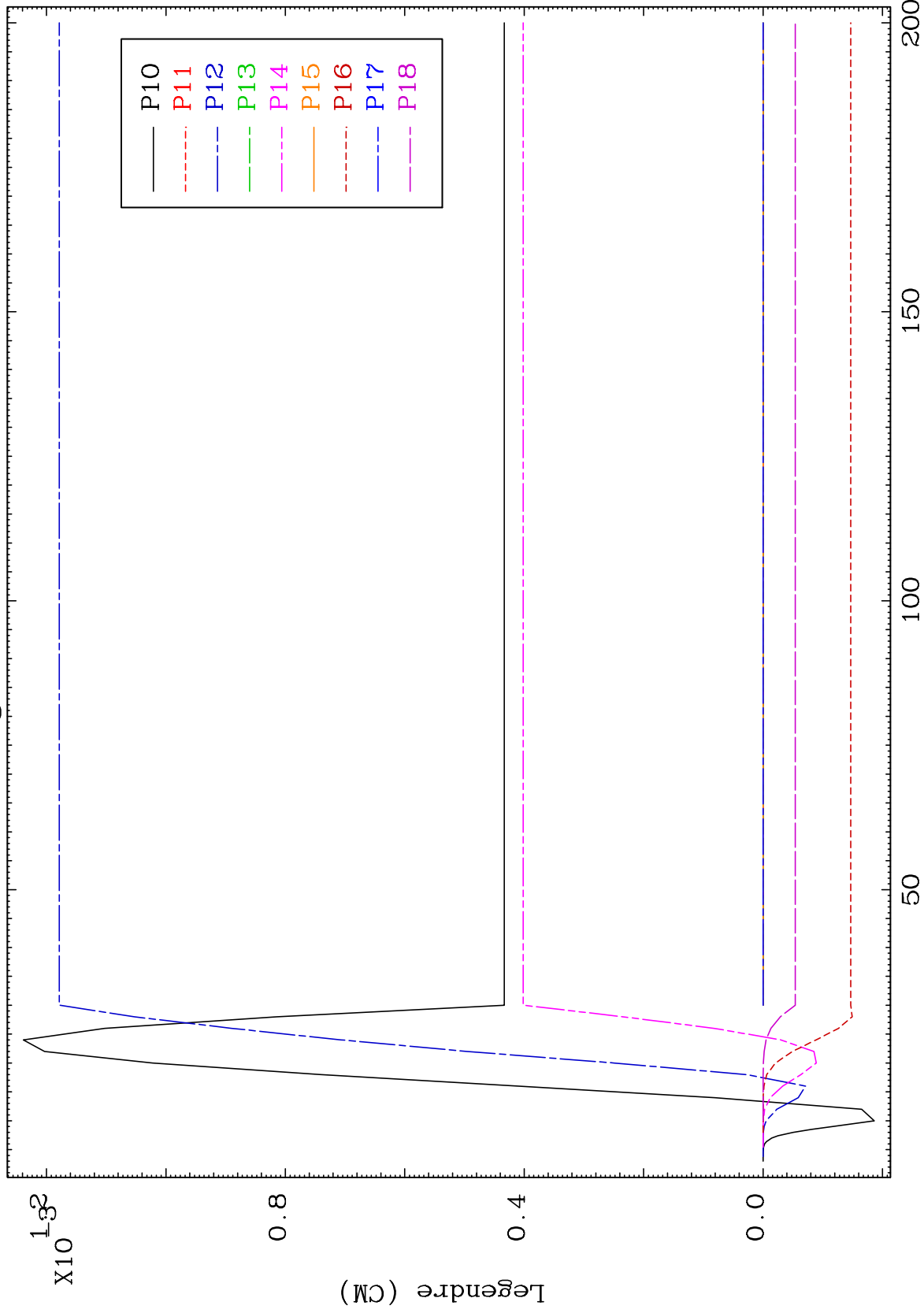
Incident Energy (MeV)

109

MAT 5613

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

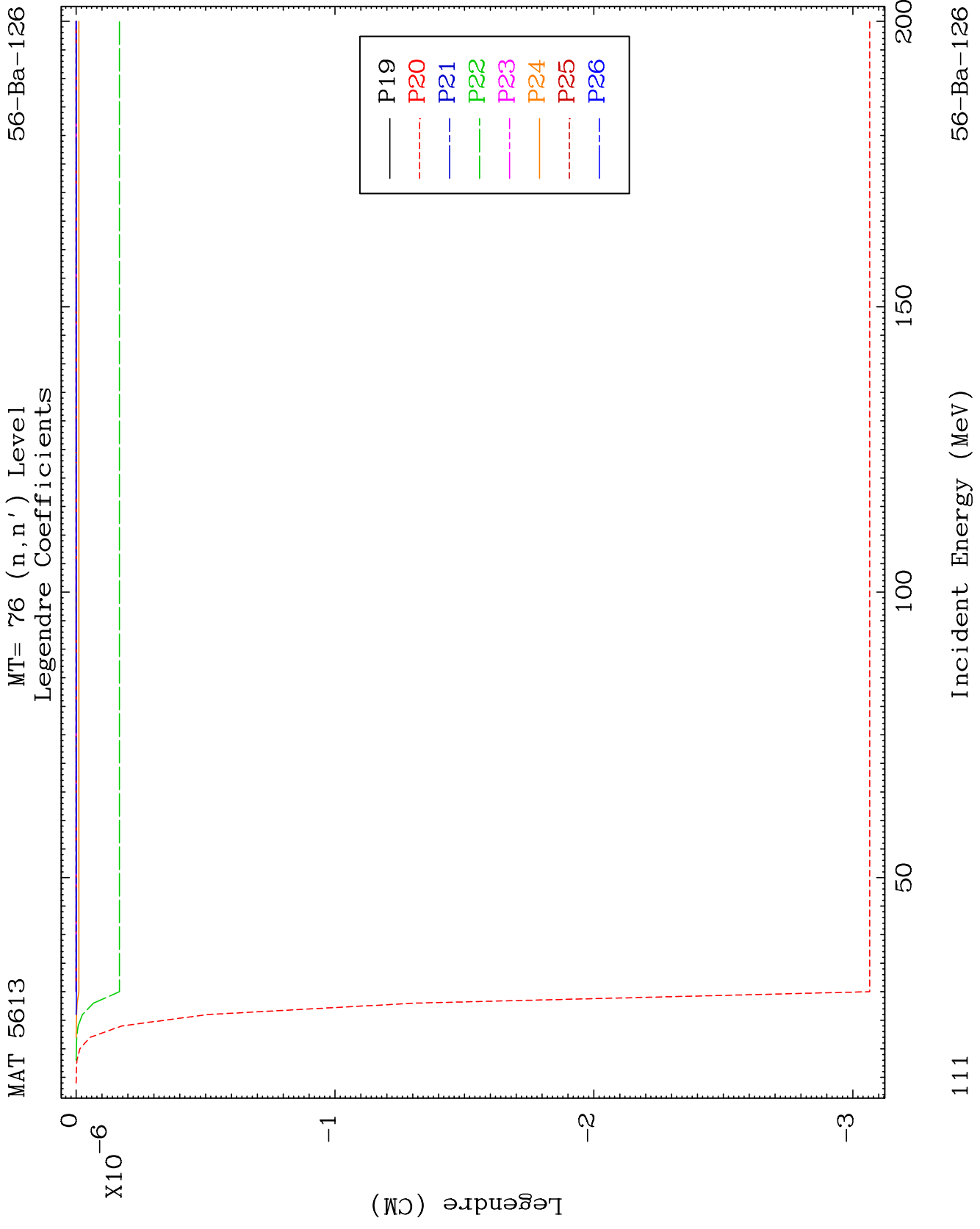
56-Ba-126



110

Incident Energy (MeV)

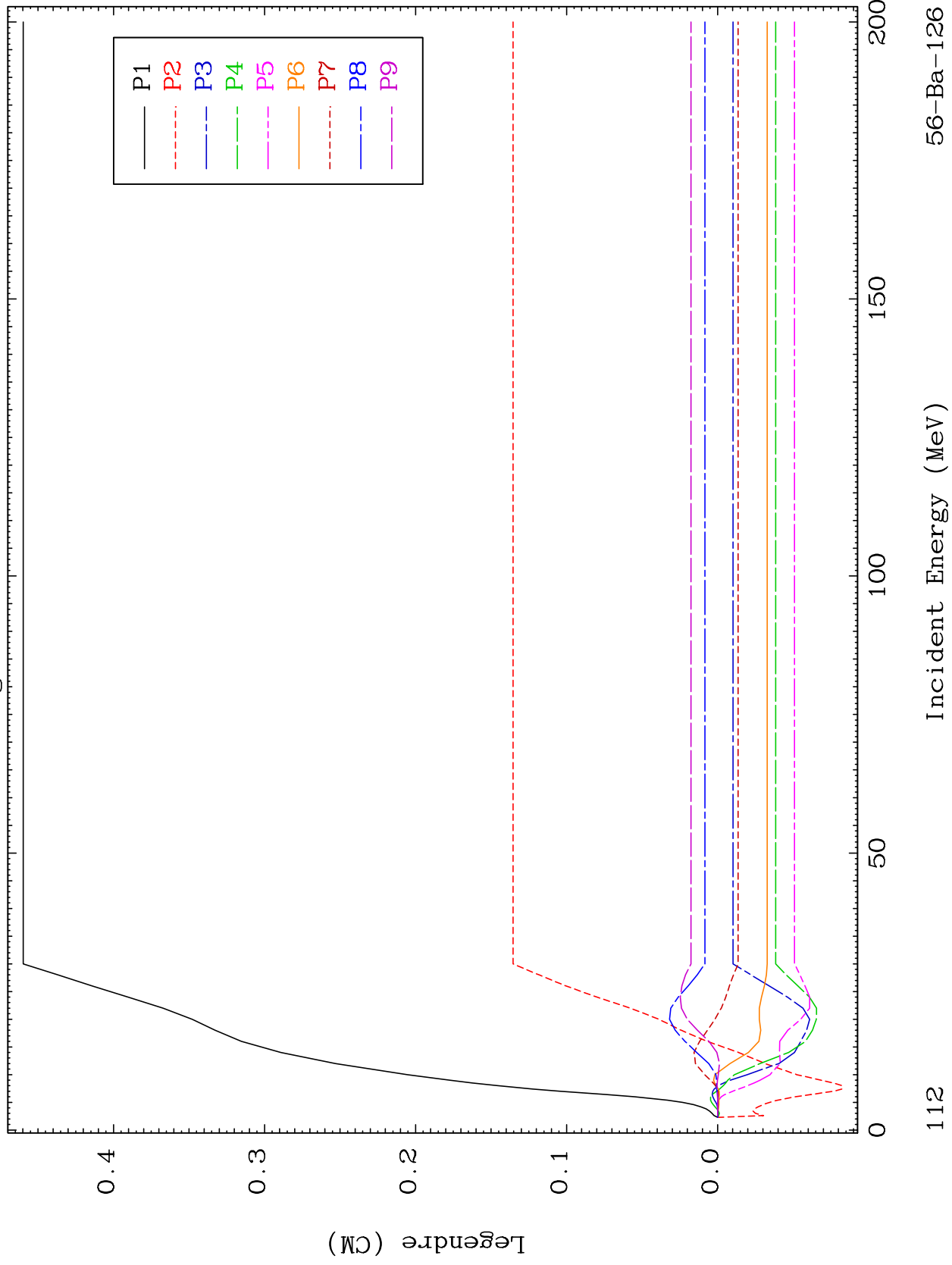
56-Ba-126



MAT 5613

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

56-Ba-126



56-Ba-126

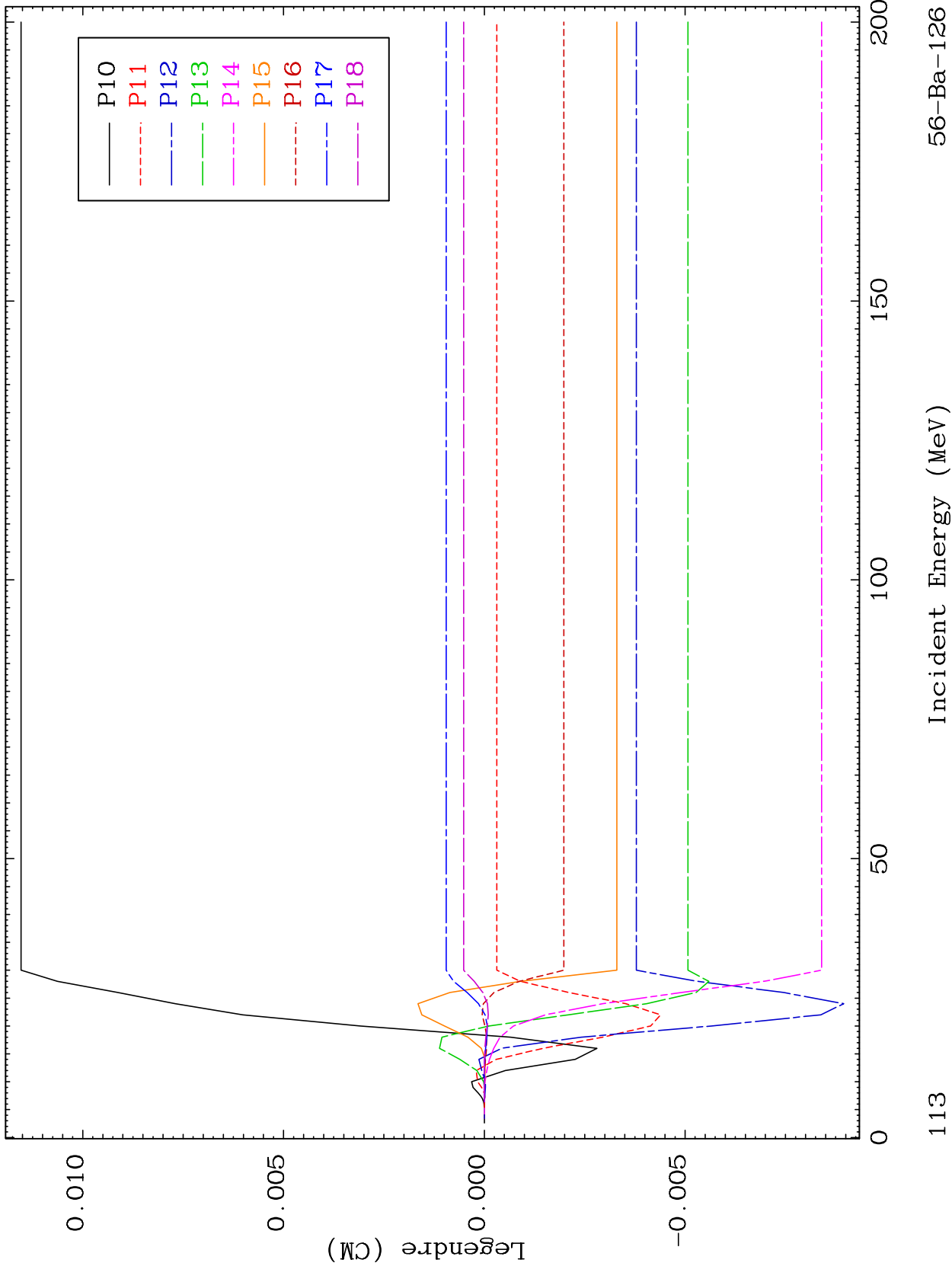
Incident Energy (MeV)

112

MAT 5613

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

56-Ba-126



113

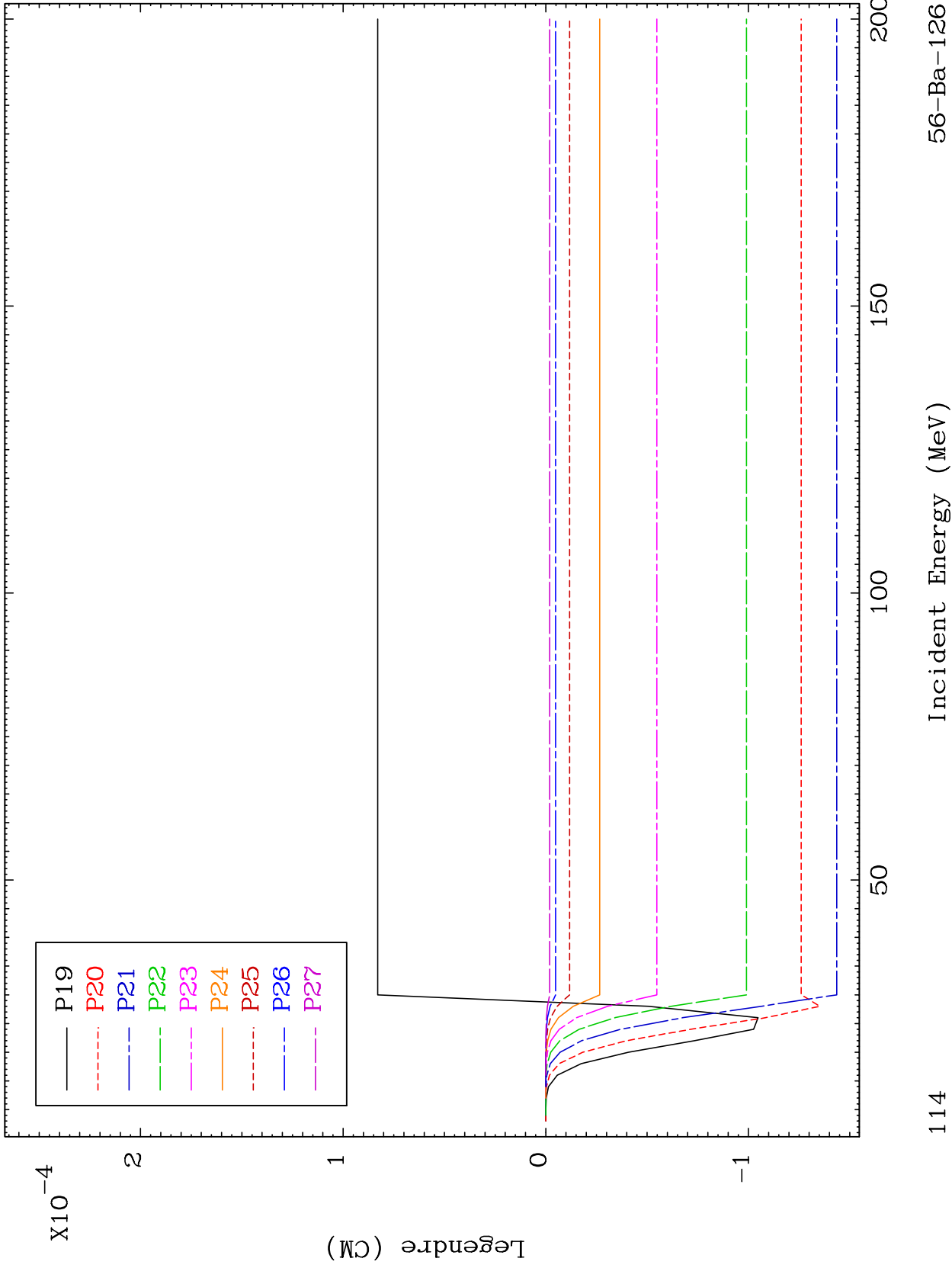
Incident Energy (MeV)

56-Ba-126

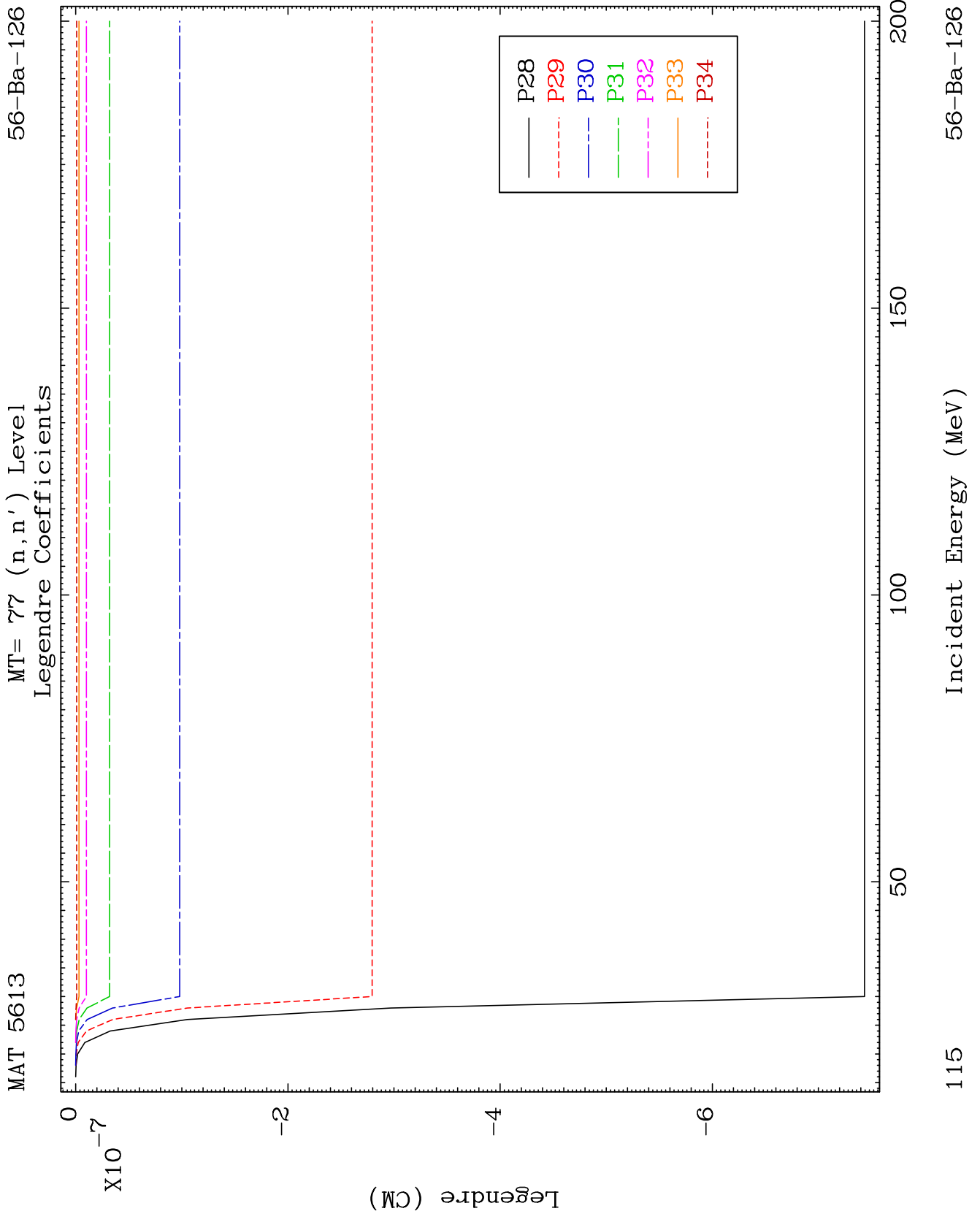
MAT 5613

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

56-Ba-126



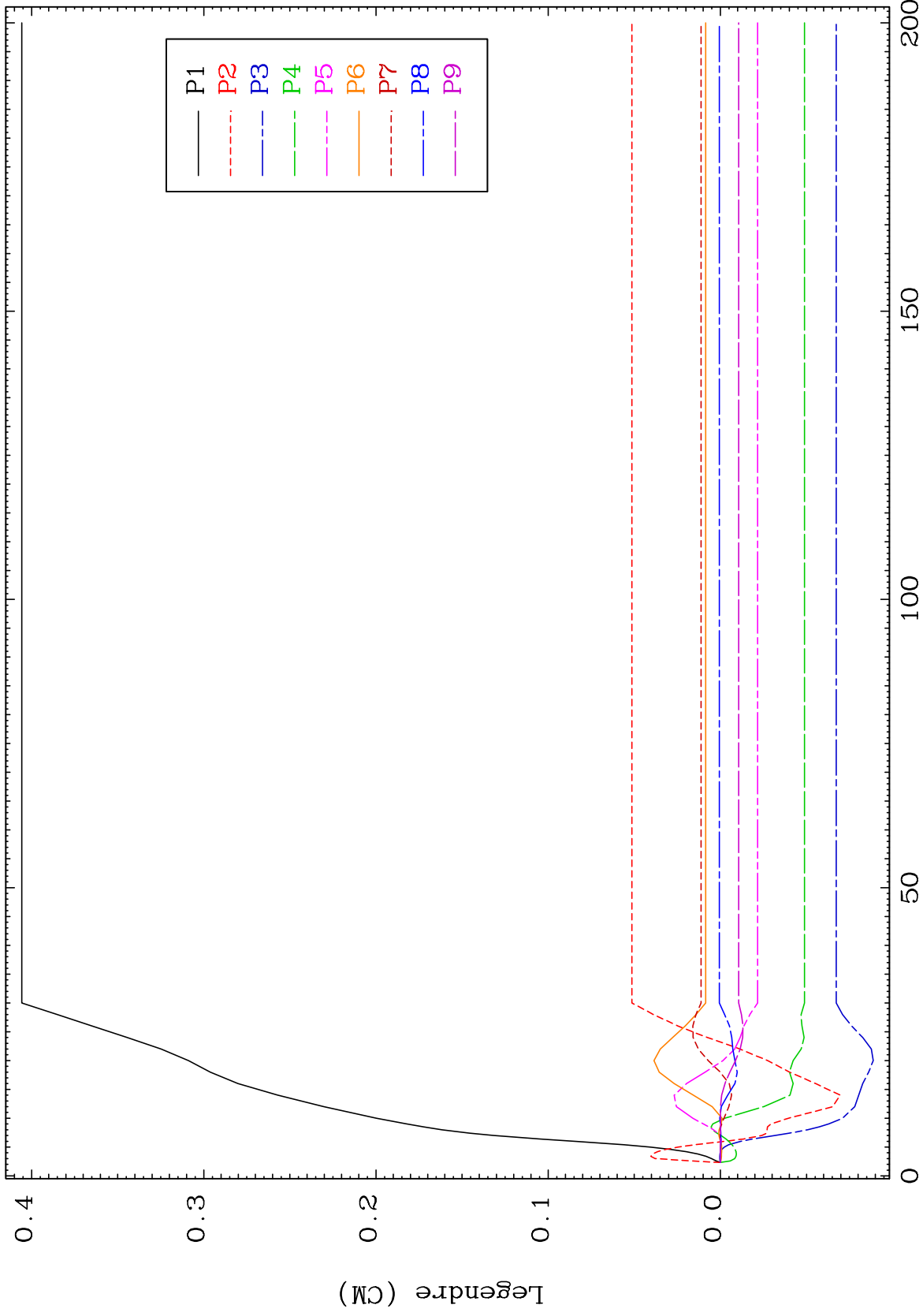
114



MAT 5613

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

56-Ba-126



56-Ba-126

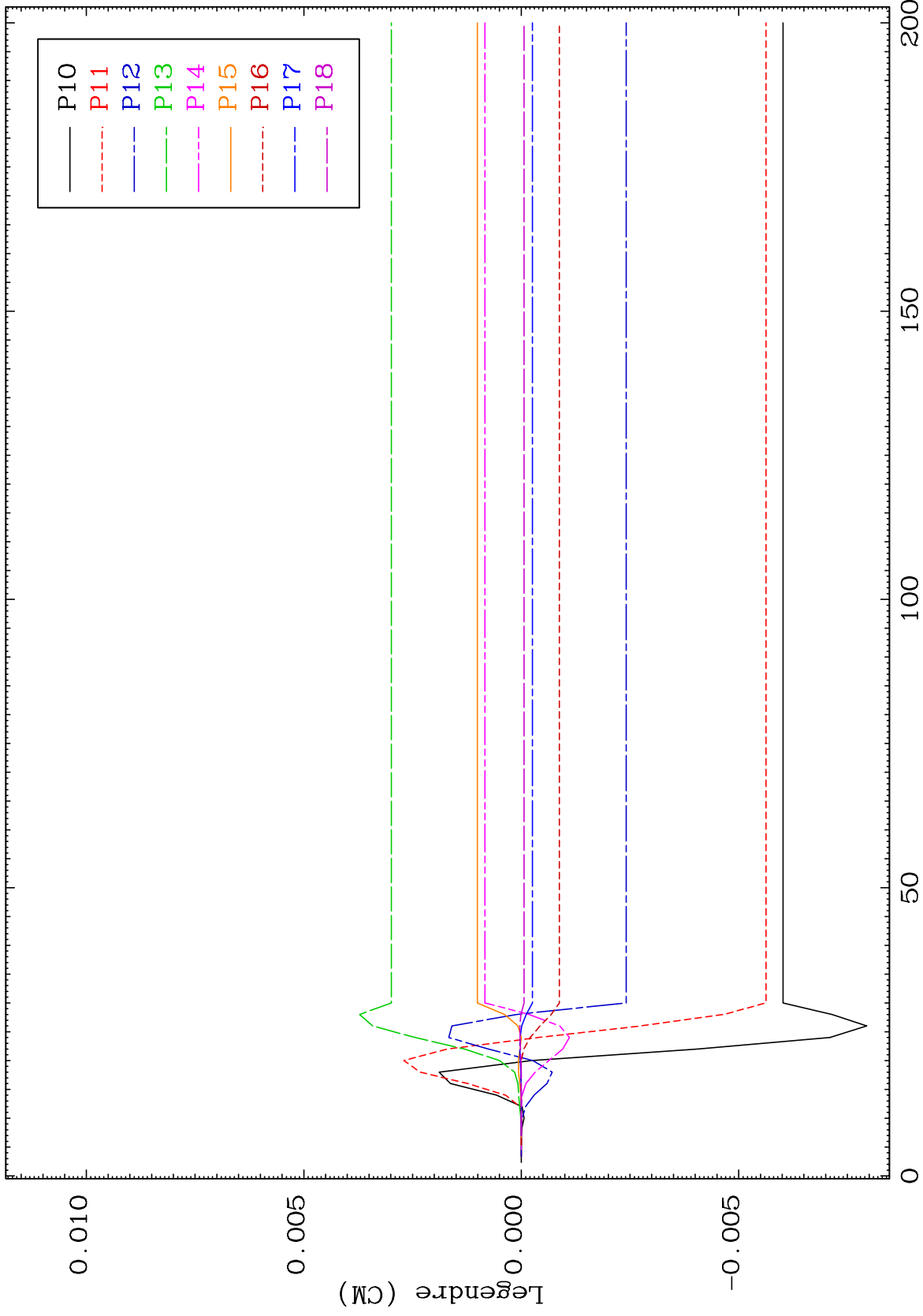
Incident Energy (MeV)

116

MAT 5613

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

56-Ba-126



117

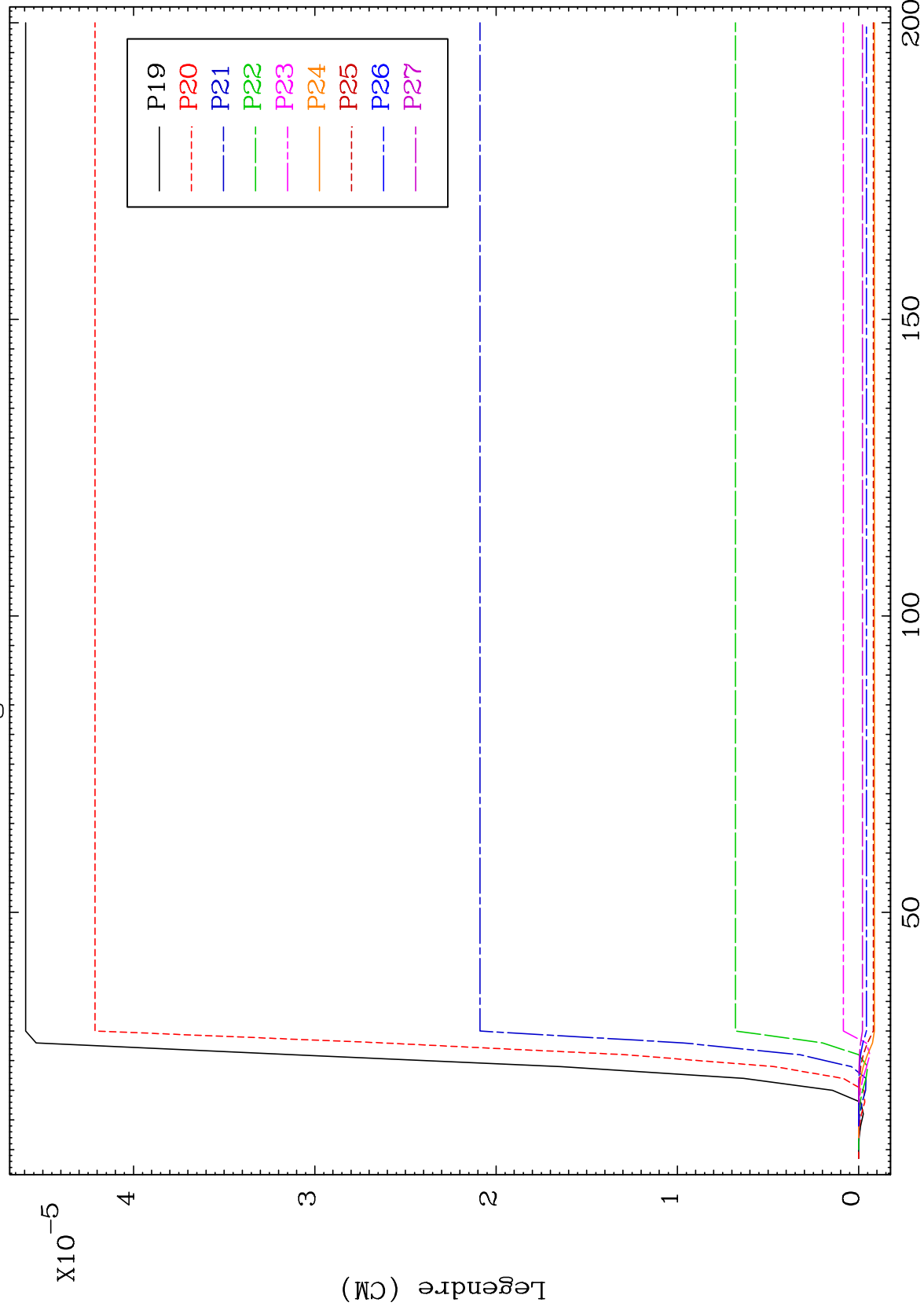
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

56-Ba-126



56-Ba-126

Incident Energy (MeV)

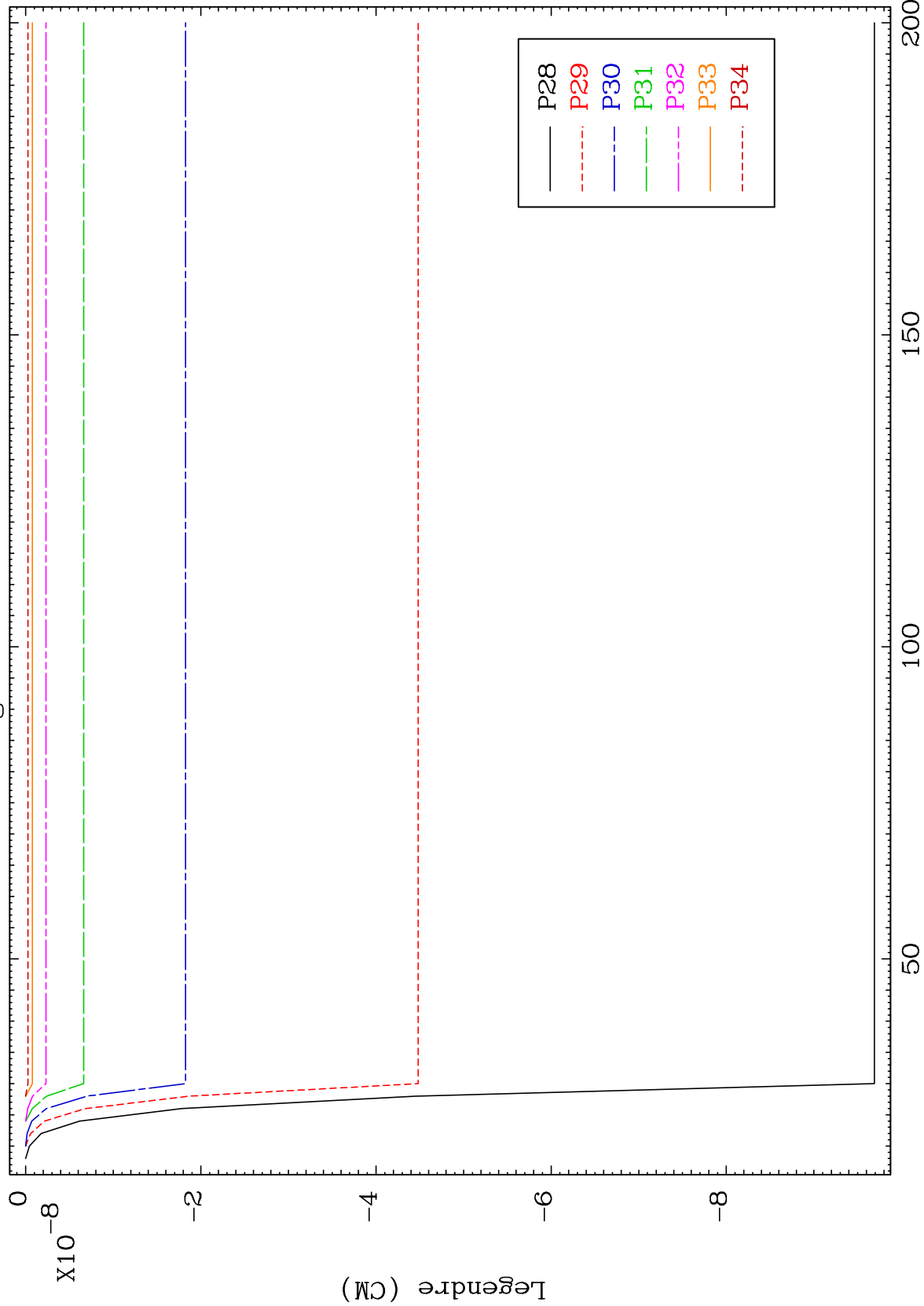
118

MAT 5613

MT= 78 (n,n') Level

56-Ba-126

Legendre Coefficients



56-Ba-126

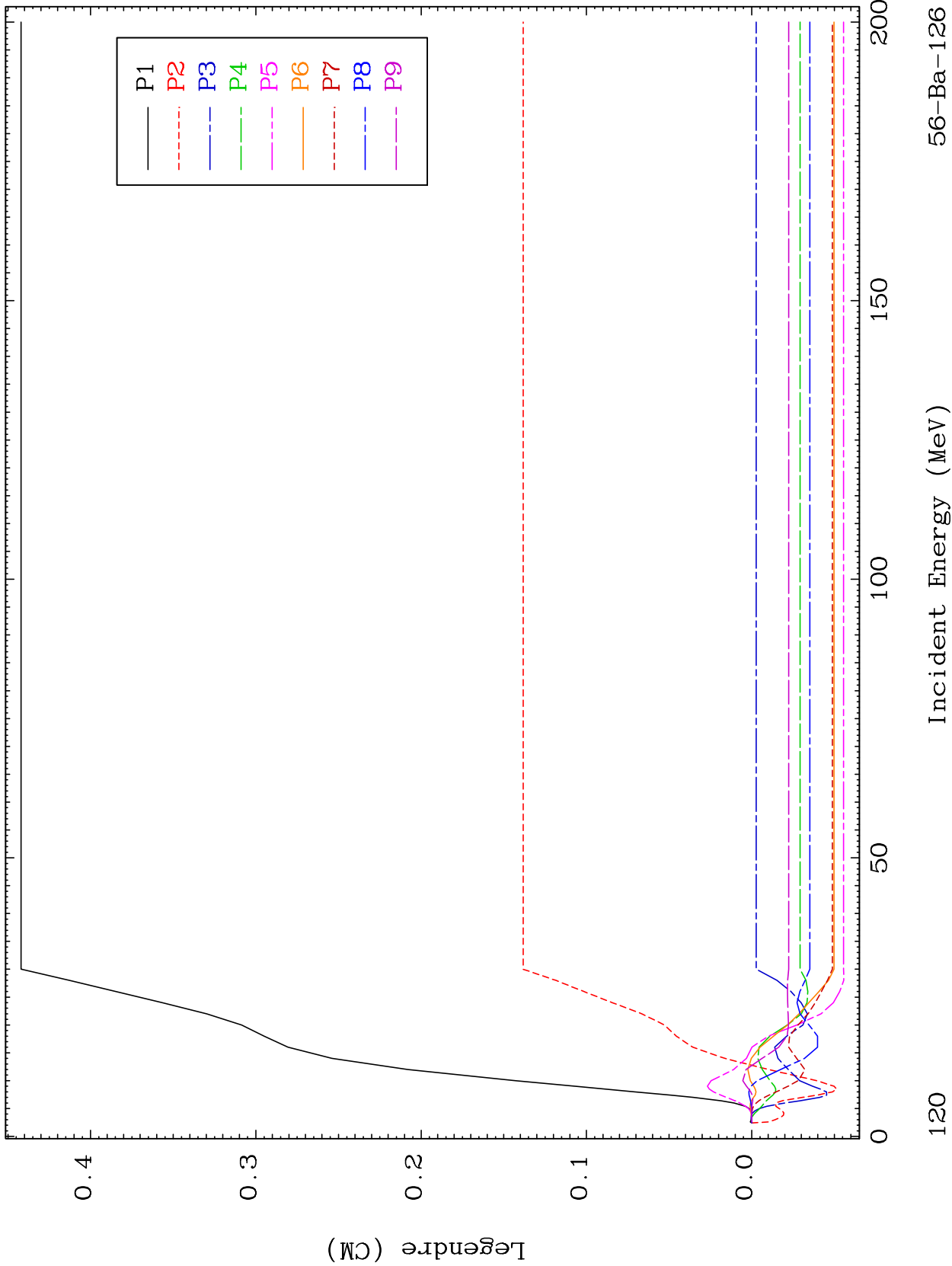
Incident Energy (MeV)

119

MAT 5613

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

56-Ba-126



56-Ba-126

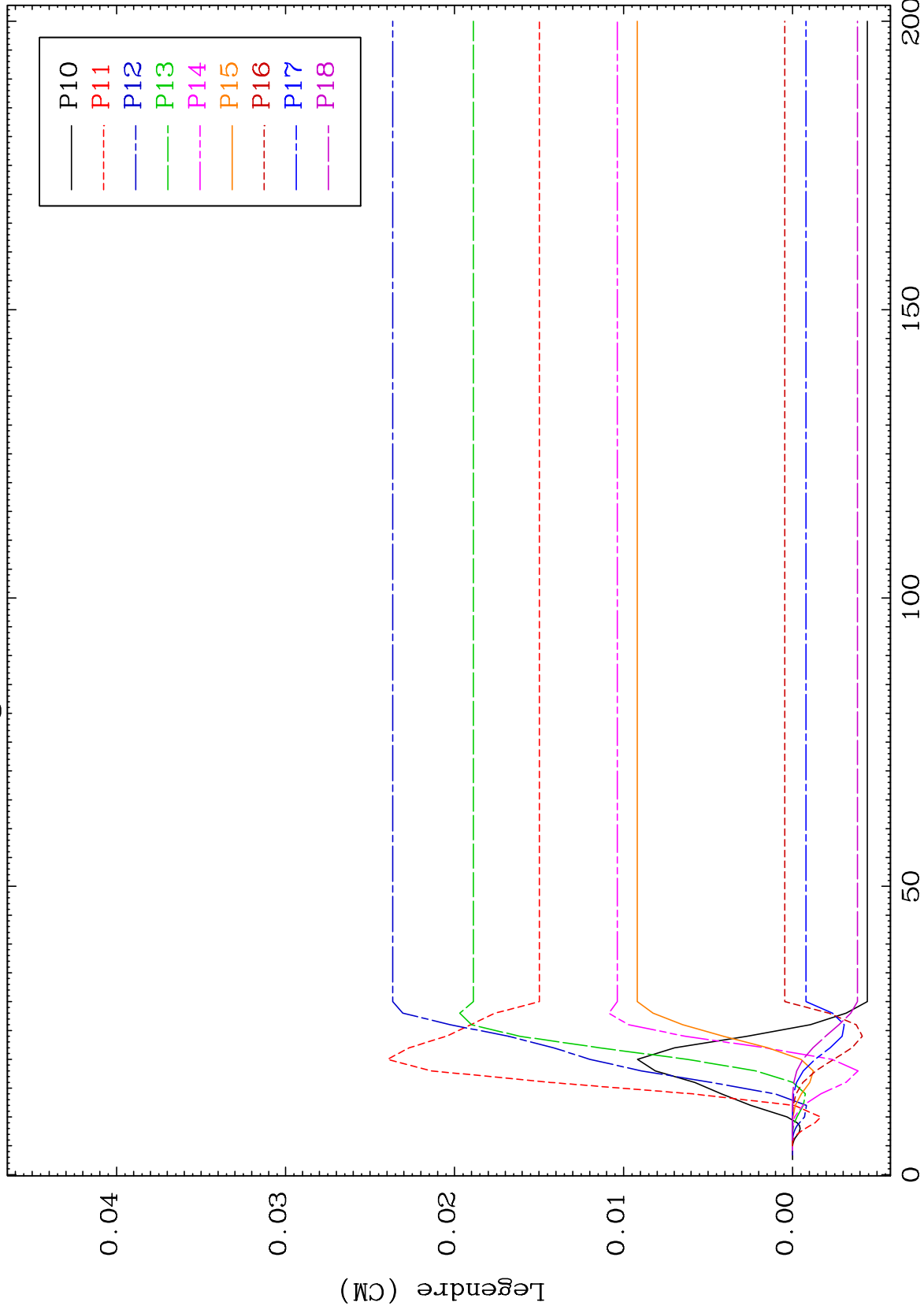
Incident Energy (MeV)

120

MAT 5613

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

56-Ba-126



121

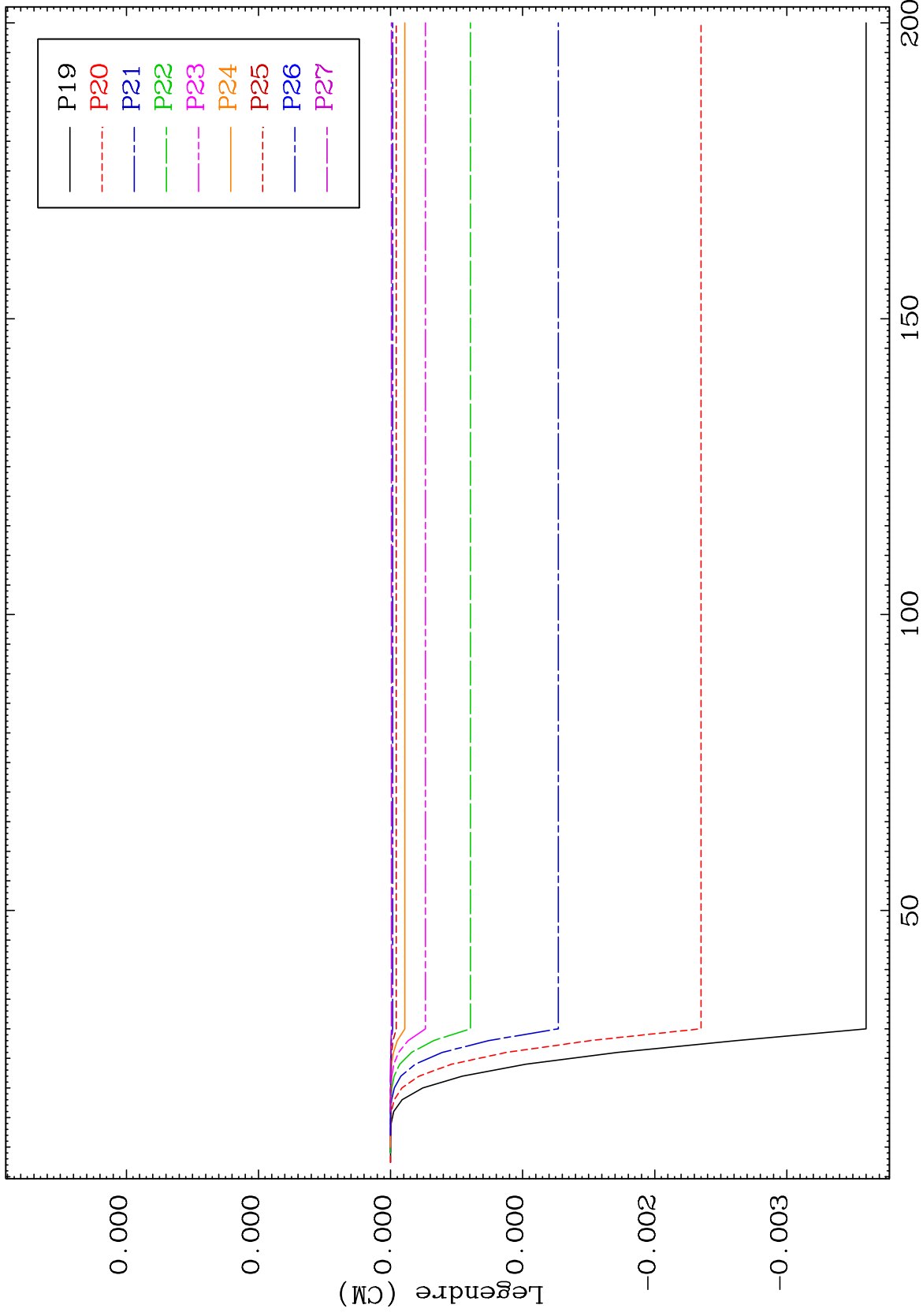
Incident Energy (MeV)

56-Ba-126

MAT 5613

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

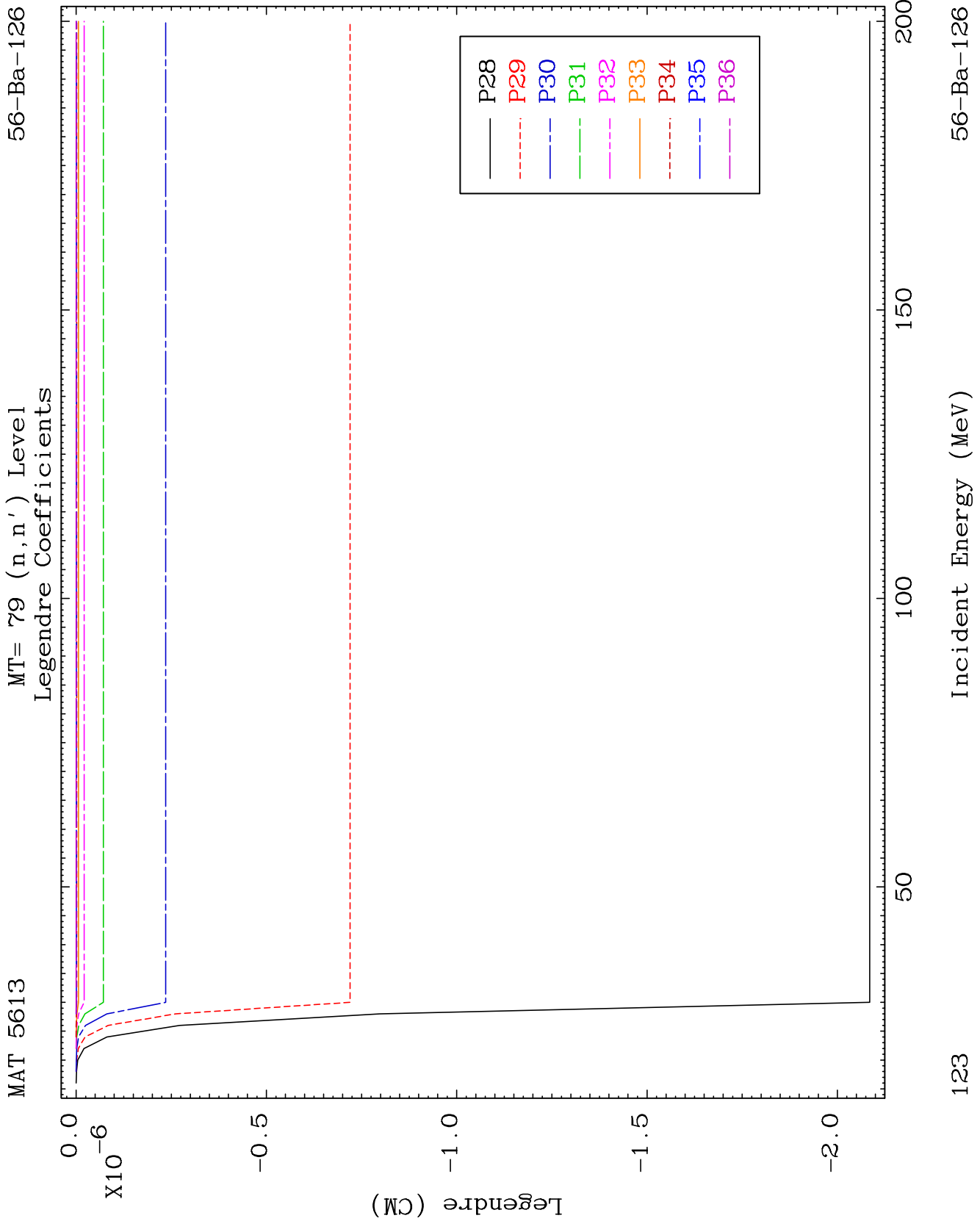
56-Ba-126



122

Incident Energy (MeV)

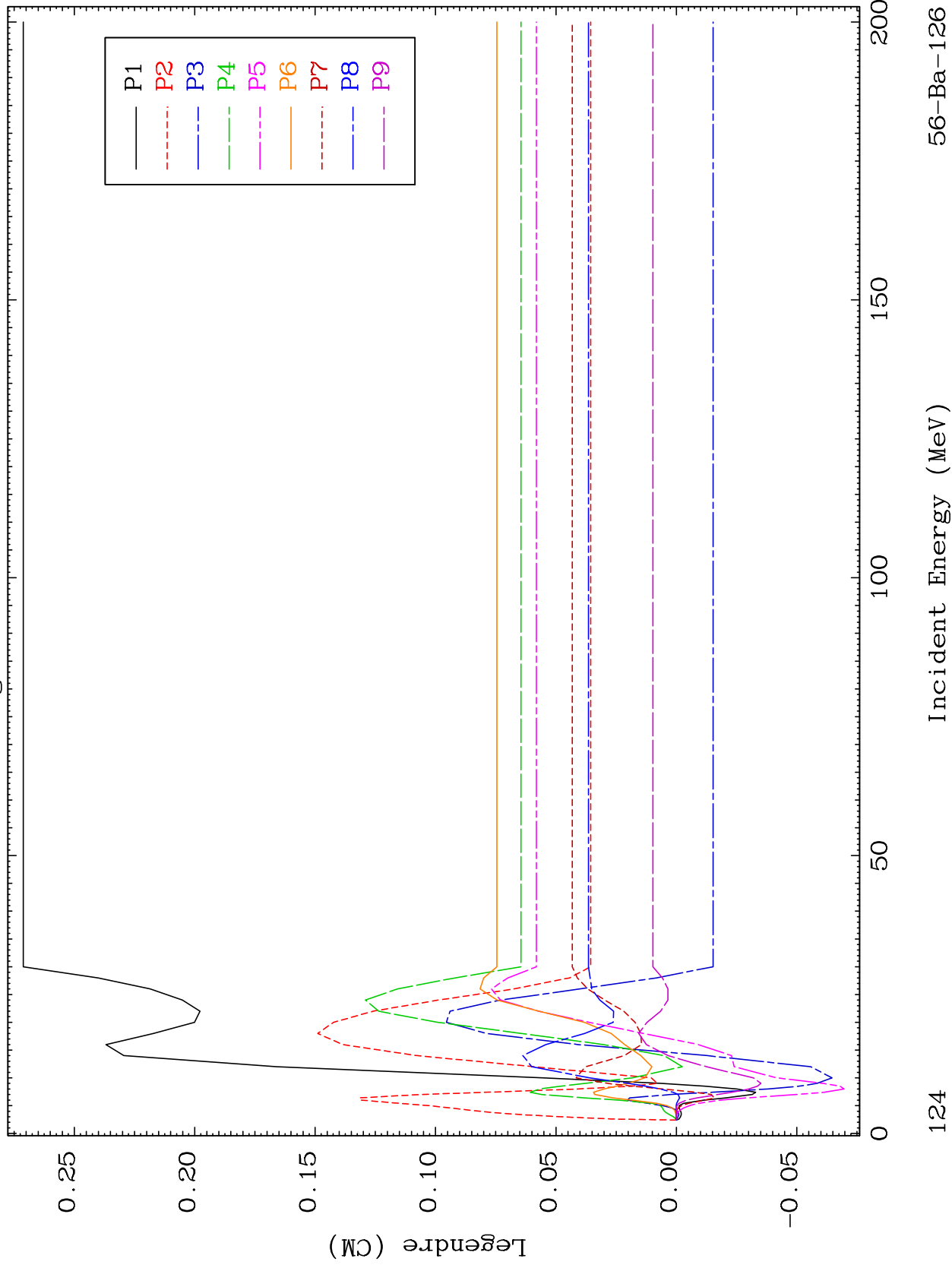
56-Ba-126



MAT 5613

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

56-Ba-126



56-Ba-126

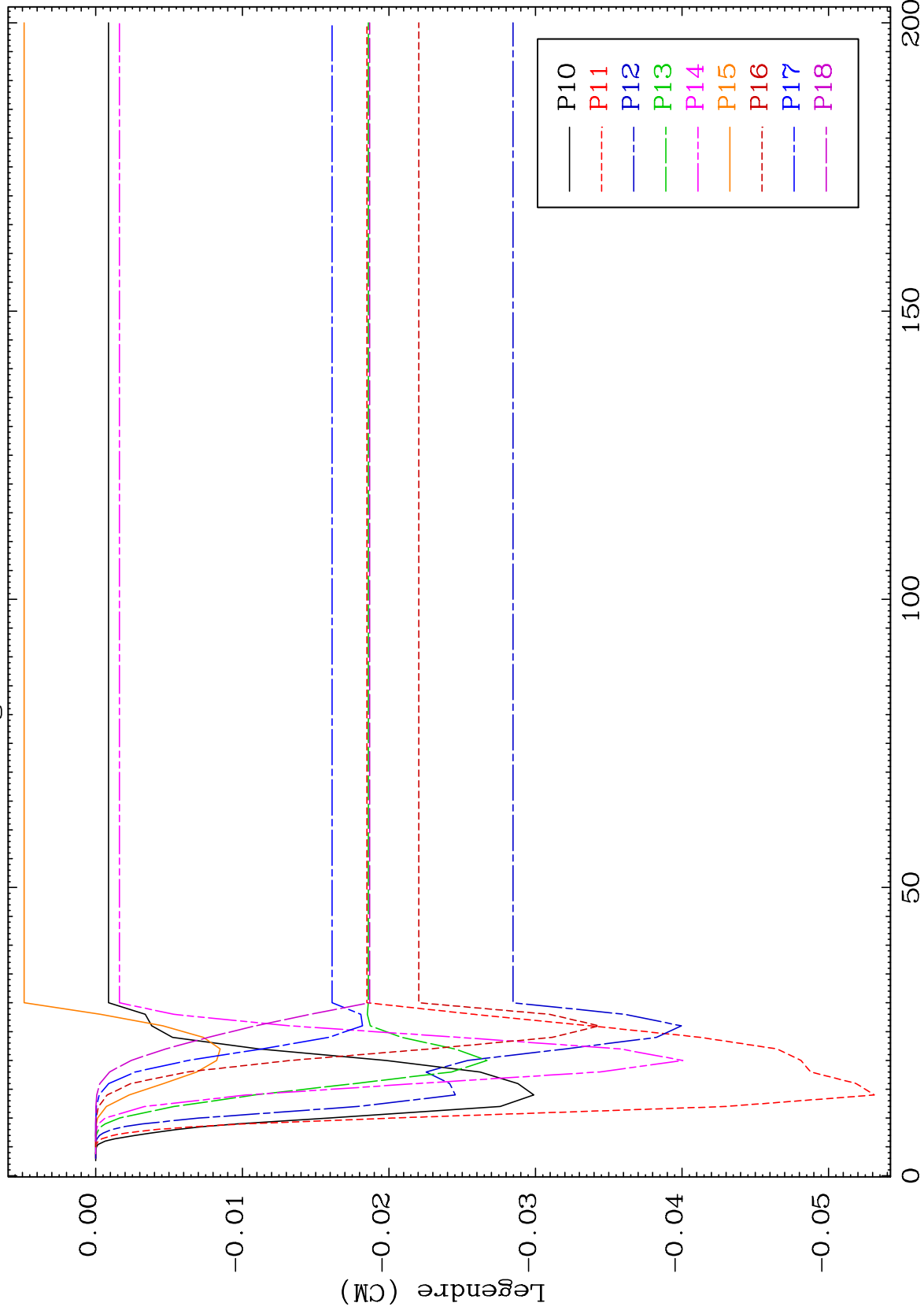
Incident Energy (MeV)

124

MAT 5613

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

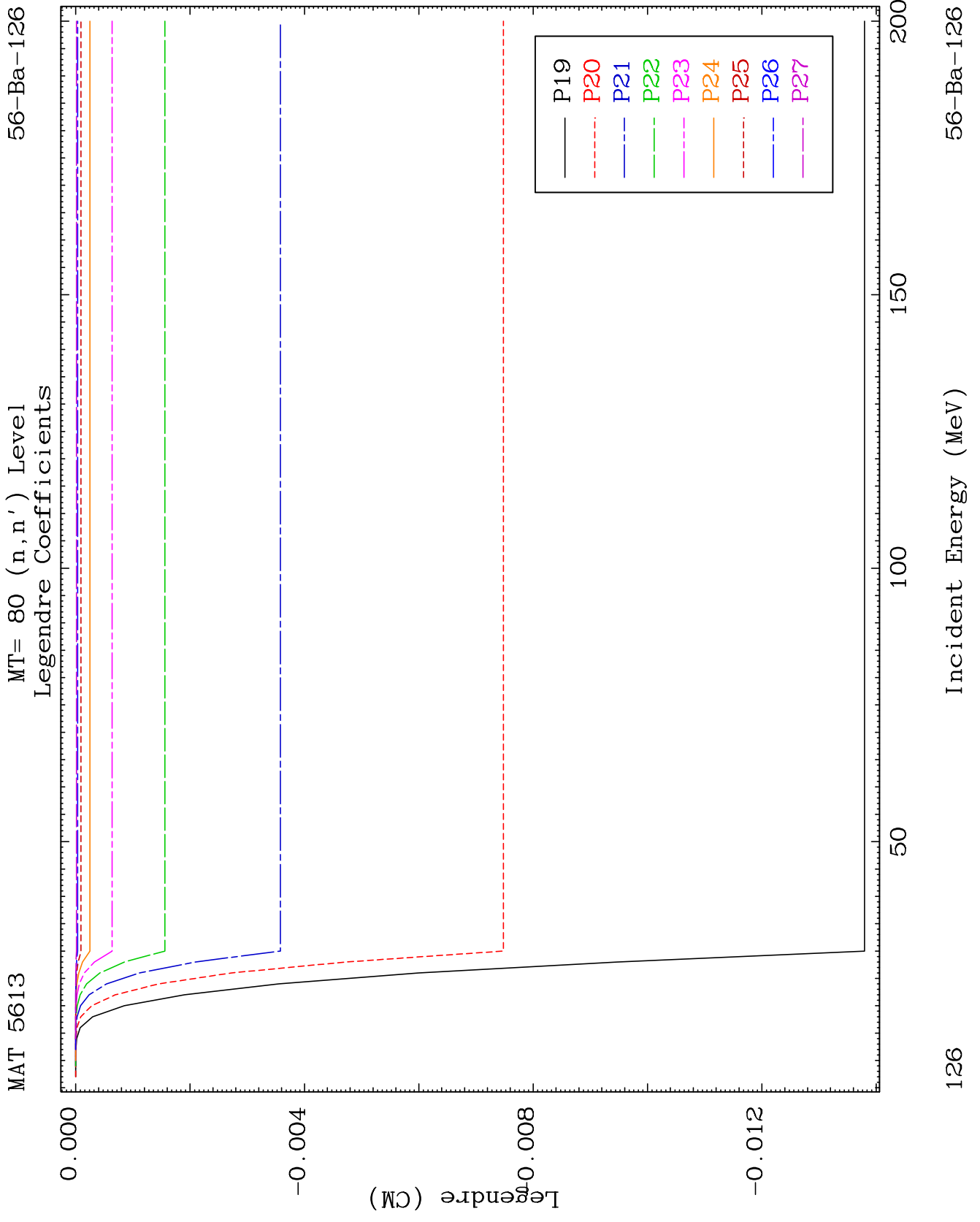
56-Ba-126

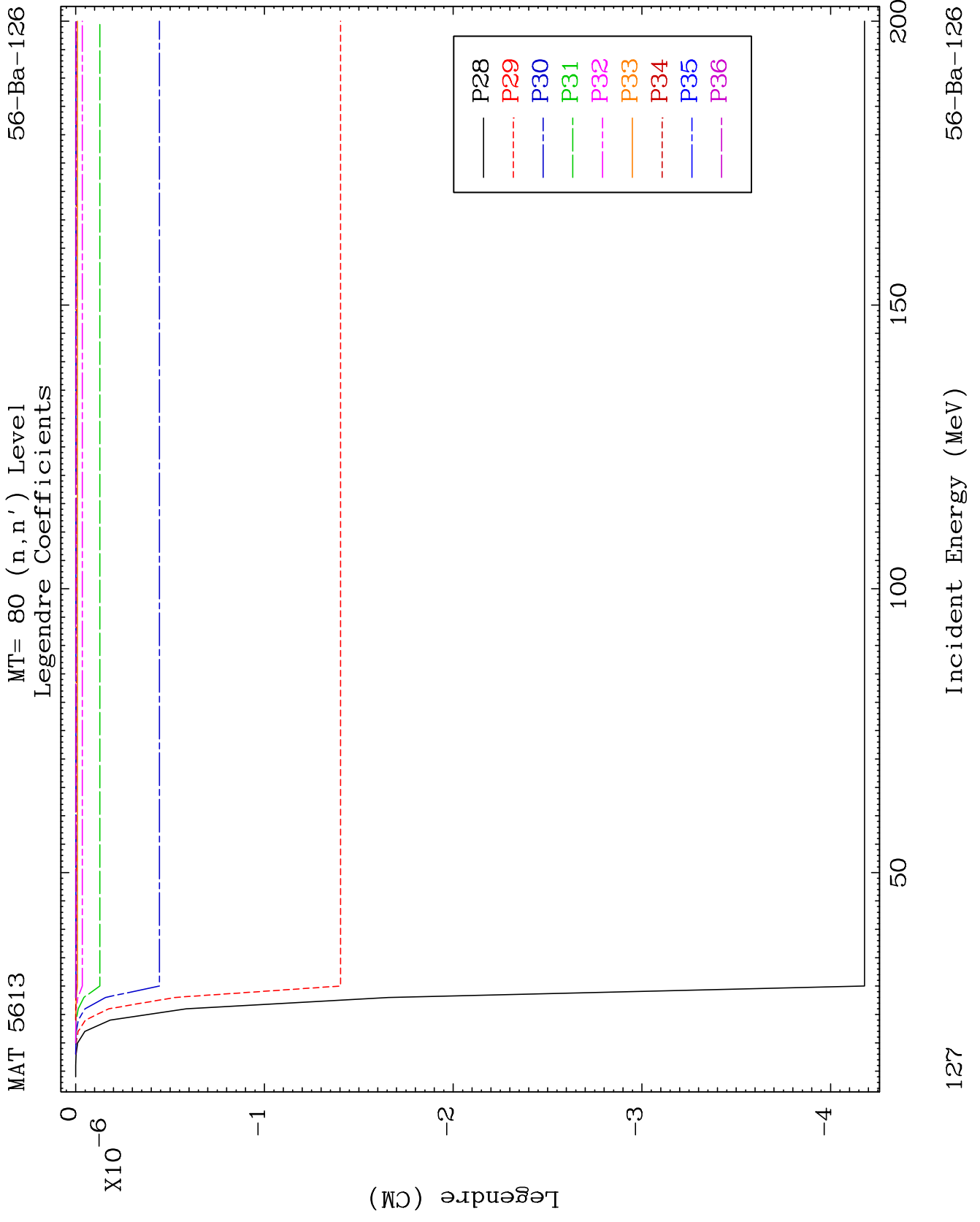


125

Incident Energy (MeV)

56-Ba-126



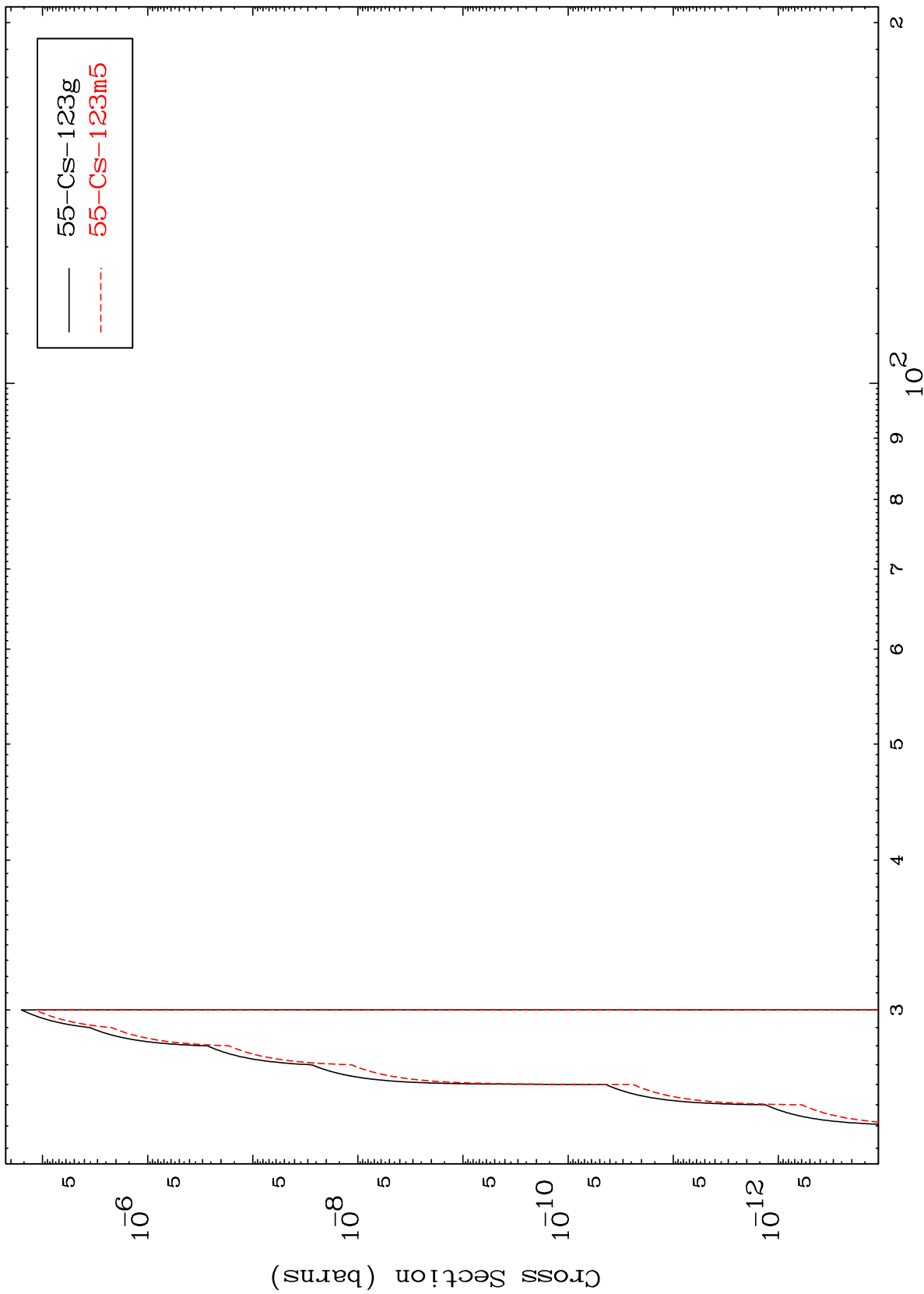


MAT 5613

(n,2n) d

56-Ba-126

Radionuclide Production Cross Section



128

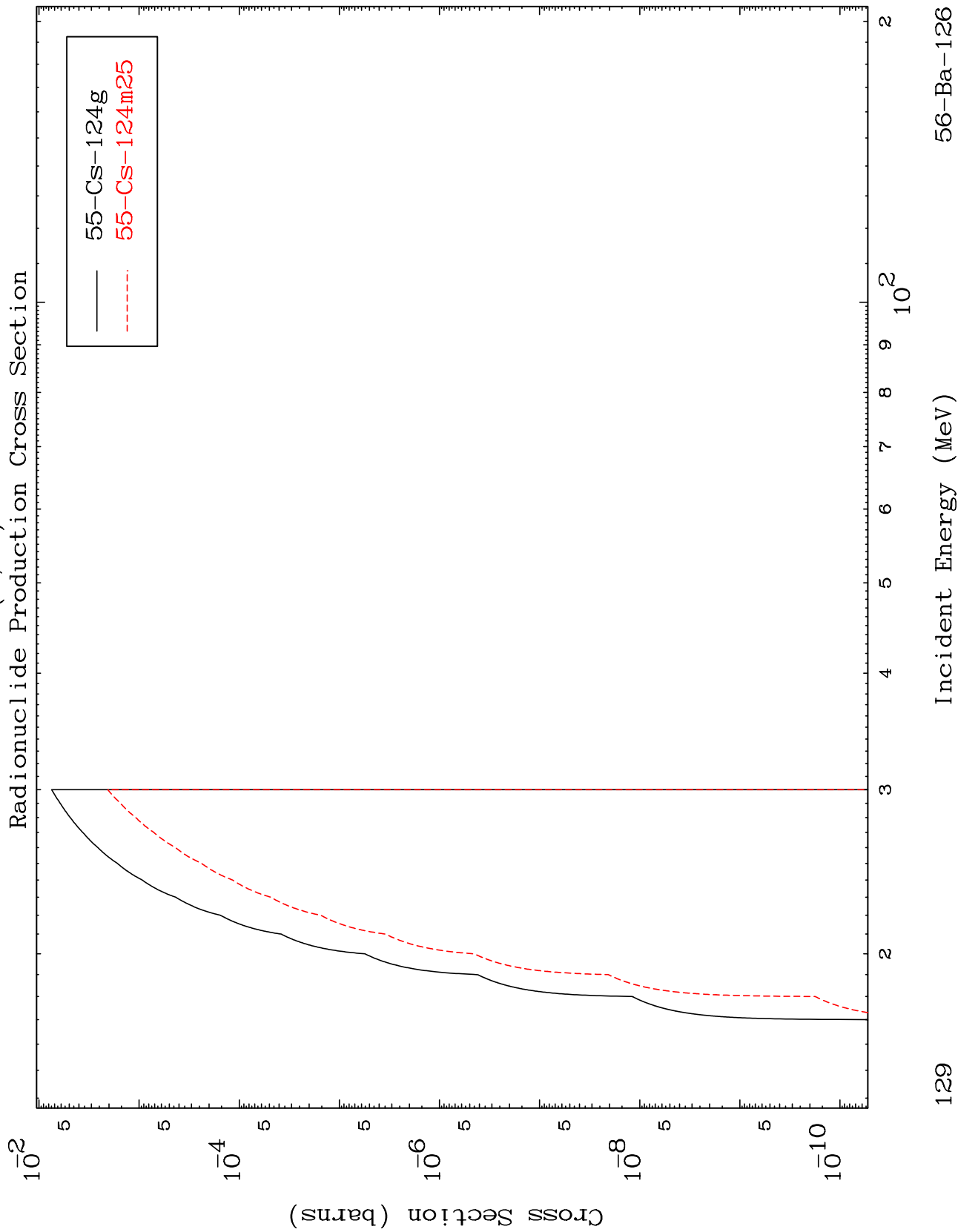
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,n') d

56-Ba-126



129

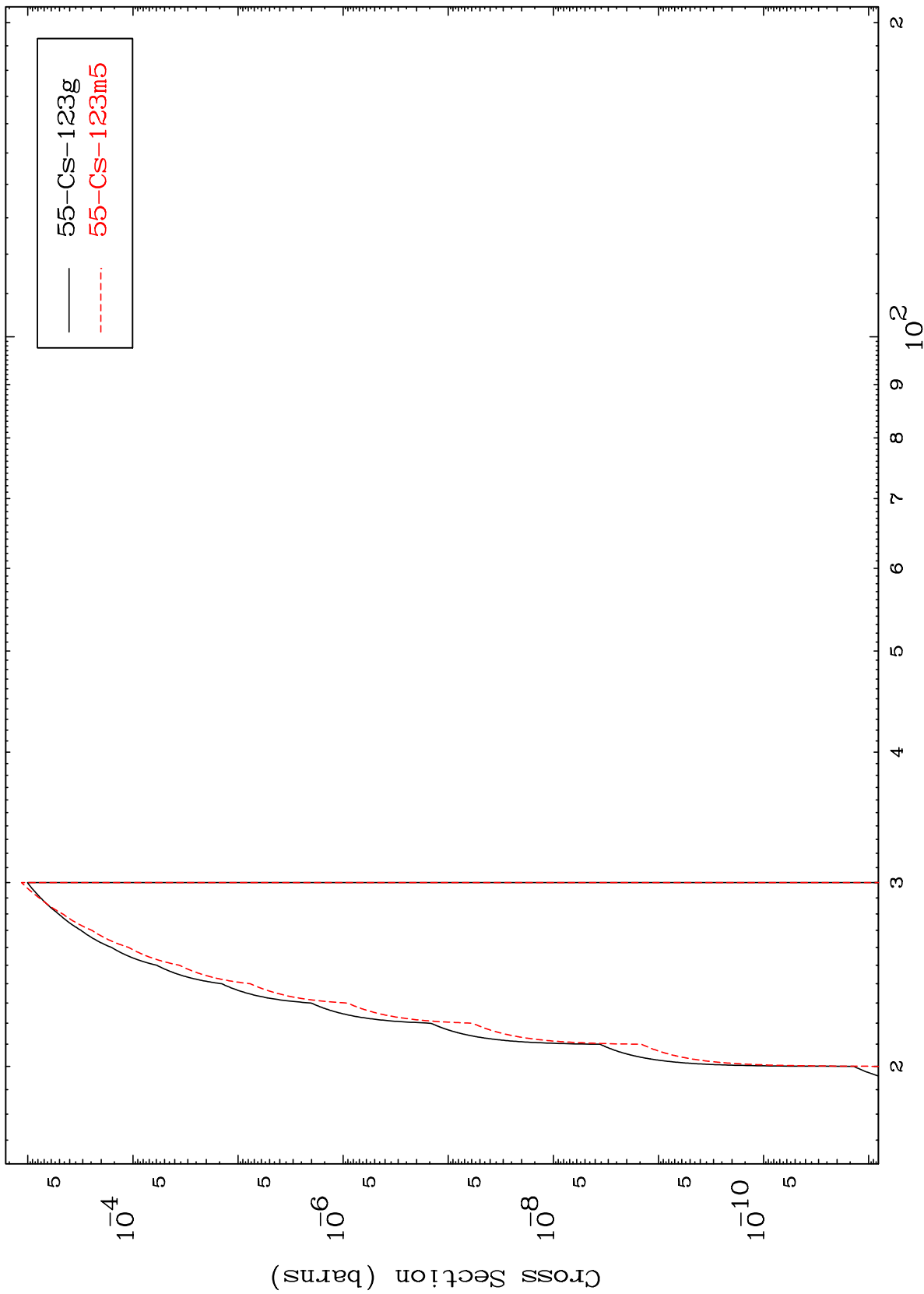
56-Ba-126

MAT 5613

(n,n') t

56-Ba-126

Radionuclide Production Cross Section



130

Incident Energy (MeV)

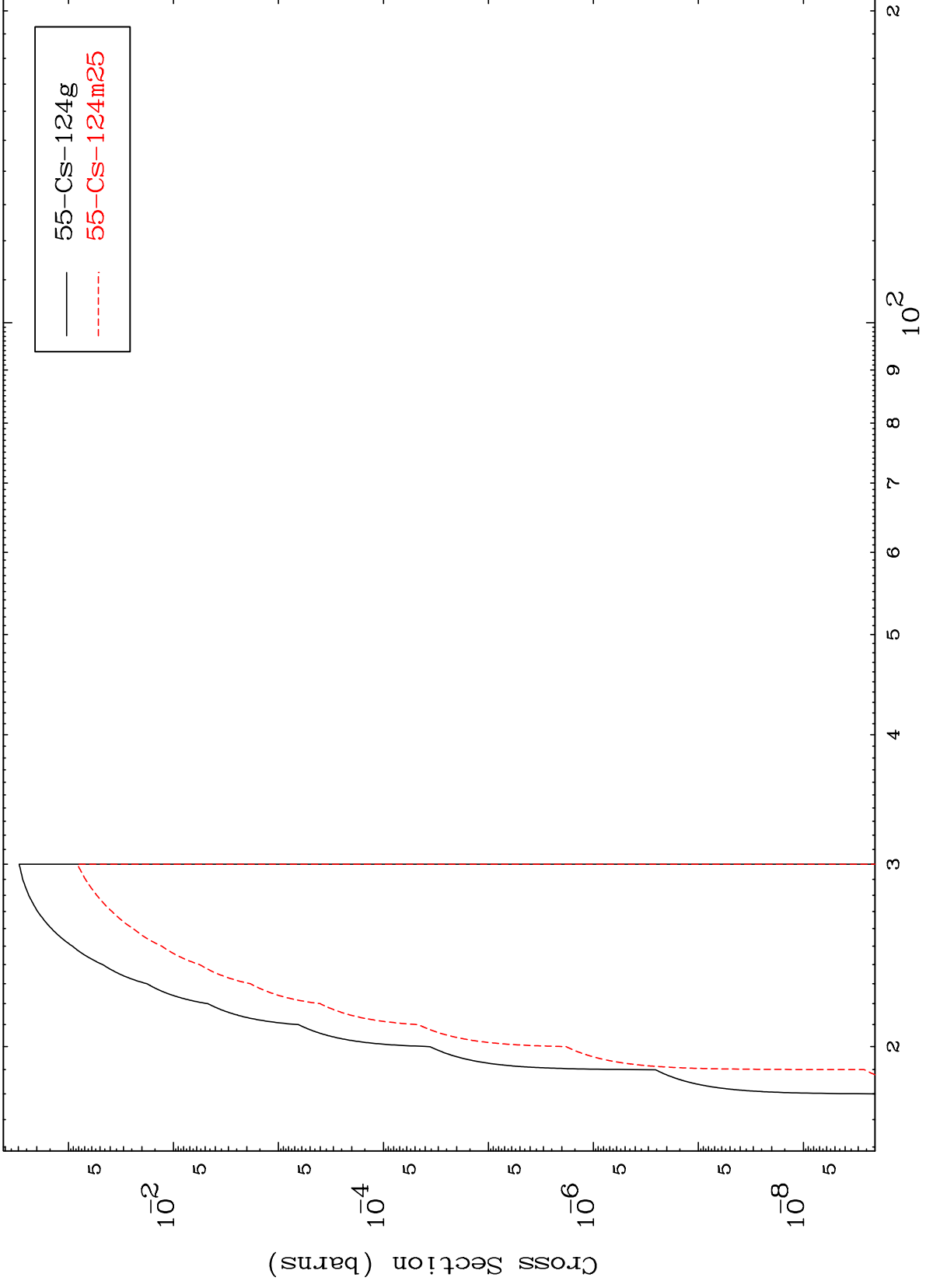
56-Ba-126

MAT 5613

(n,2n) p

56-Ba-126

Radionuclide Production Cross Section



131

Incident Energy (MeV)

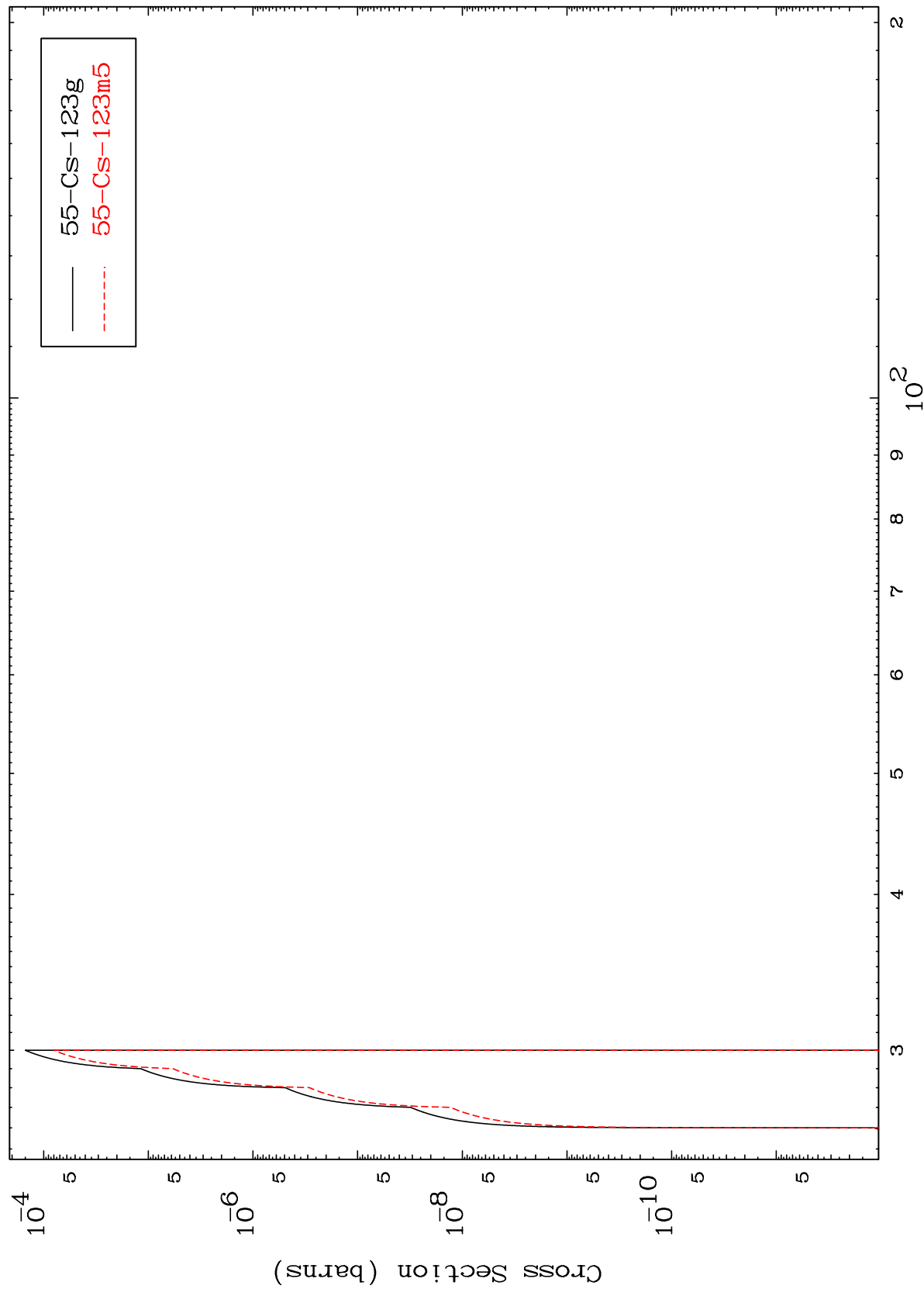
56-Ba-126

MAT 5613

(n,3n) p

56-Ba-126

Radionuclide Production Cross Section



132

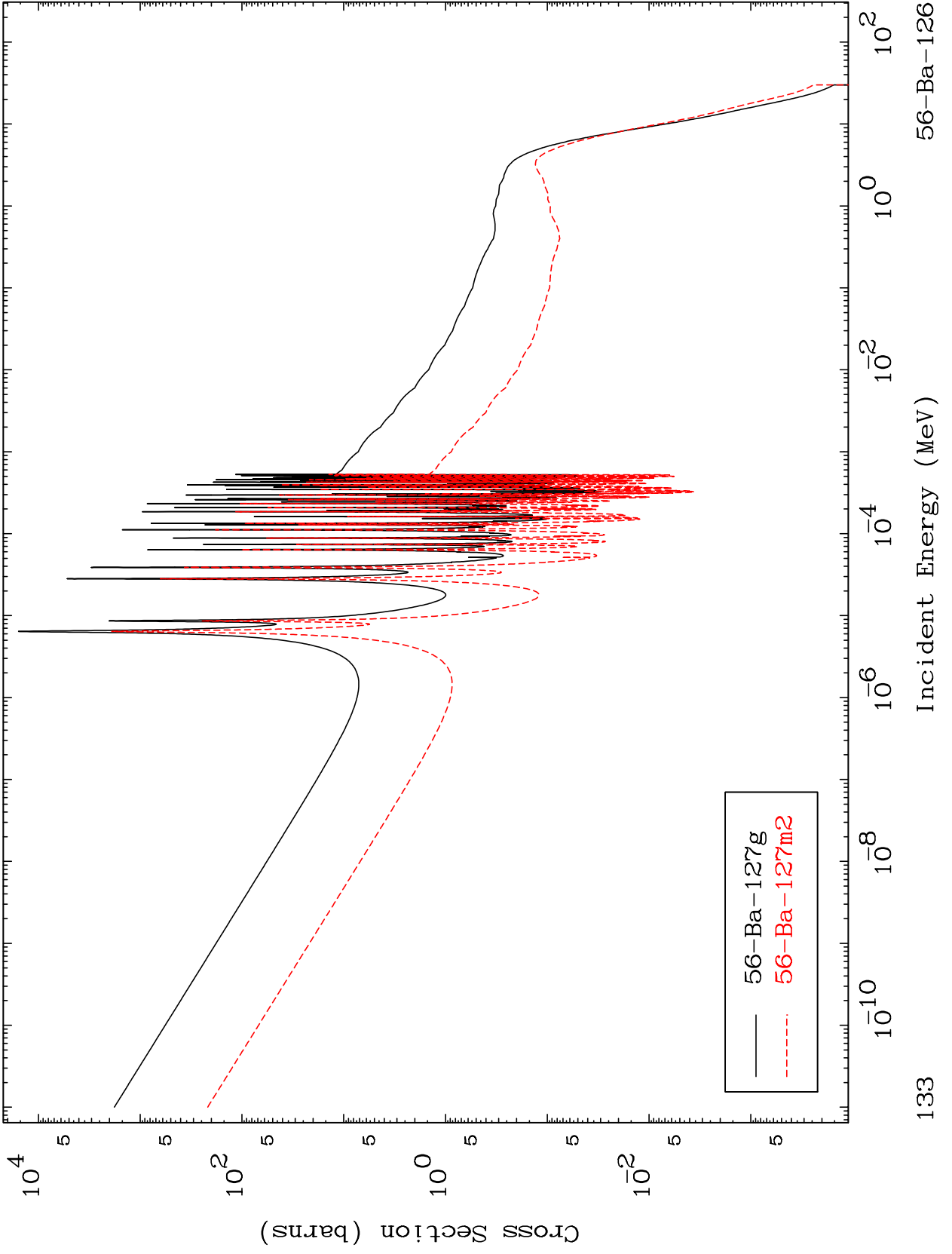
Incident Energy (MeV)

56-Ba-126

MAT 5613

56-Ba-126

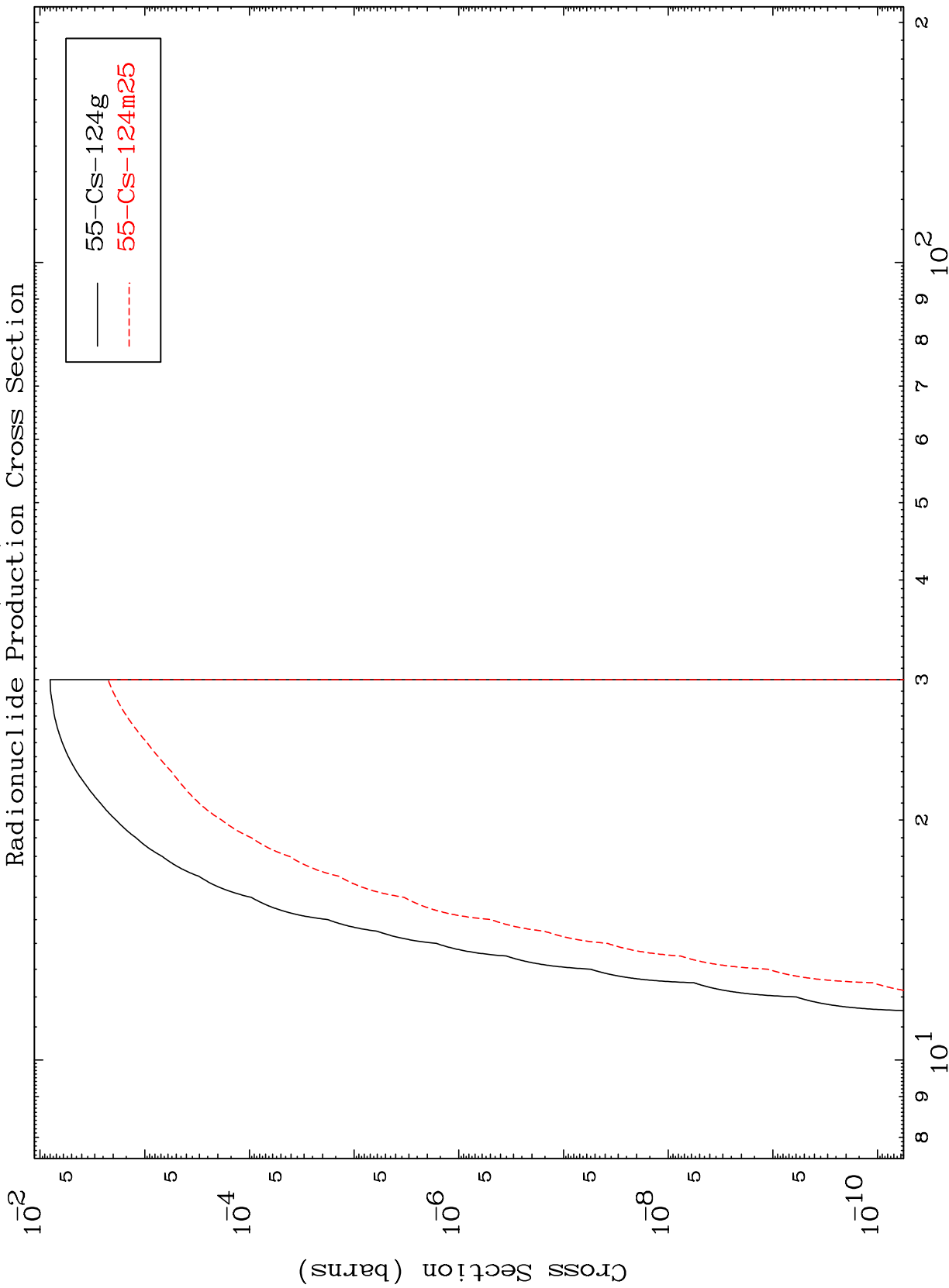
(n, γ)
Radionuclide Production Cross Section



MAT 5613

56-Ba-126

(n, t)
Radionuclide Production Cross Section



55-Cs-124g
55-Cs-124m25

56-Ba-126

Incident Energy (MeV)

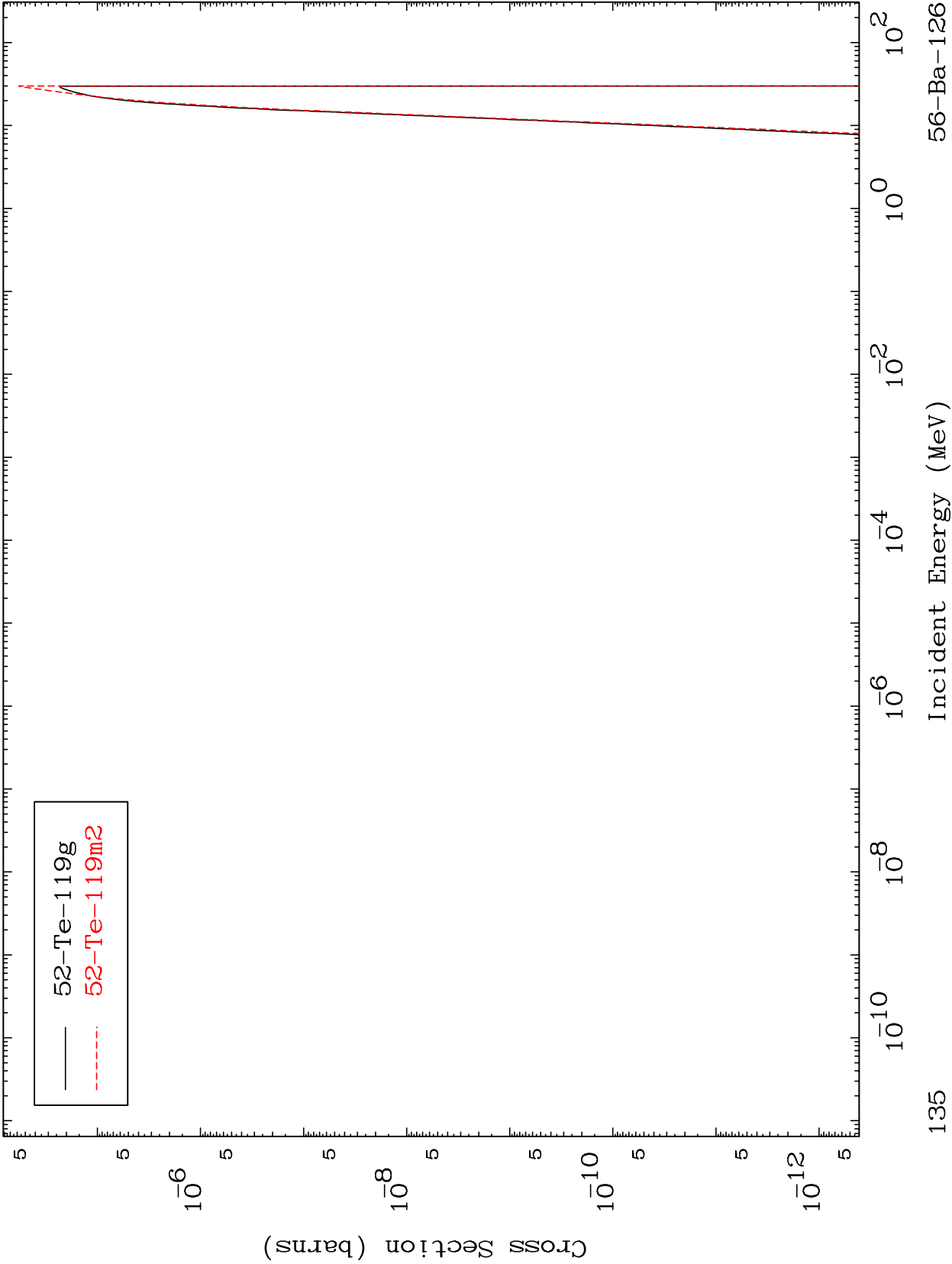
134

MAT 5613

(n,2α)

56-Ba-126

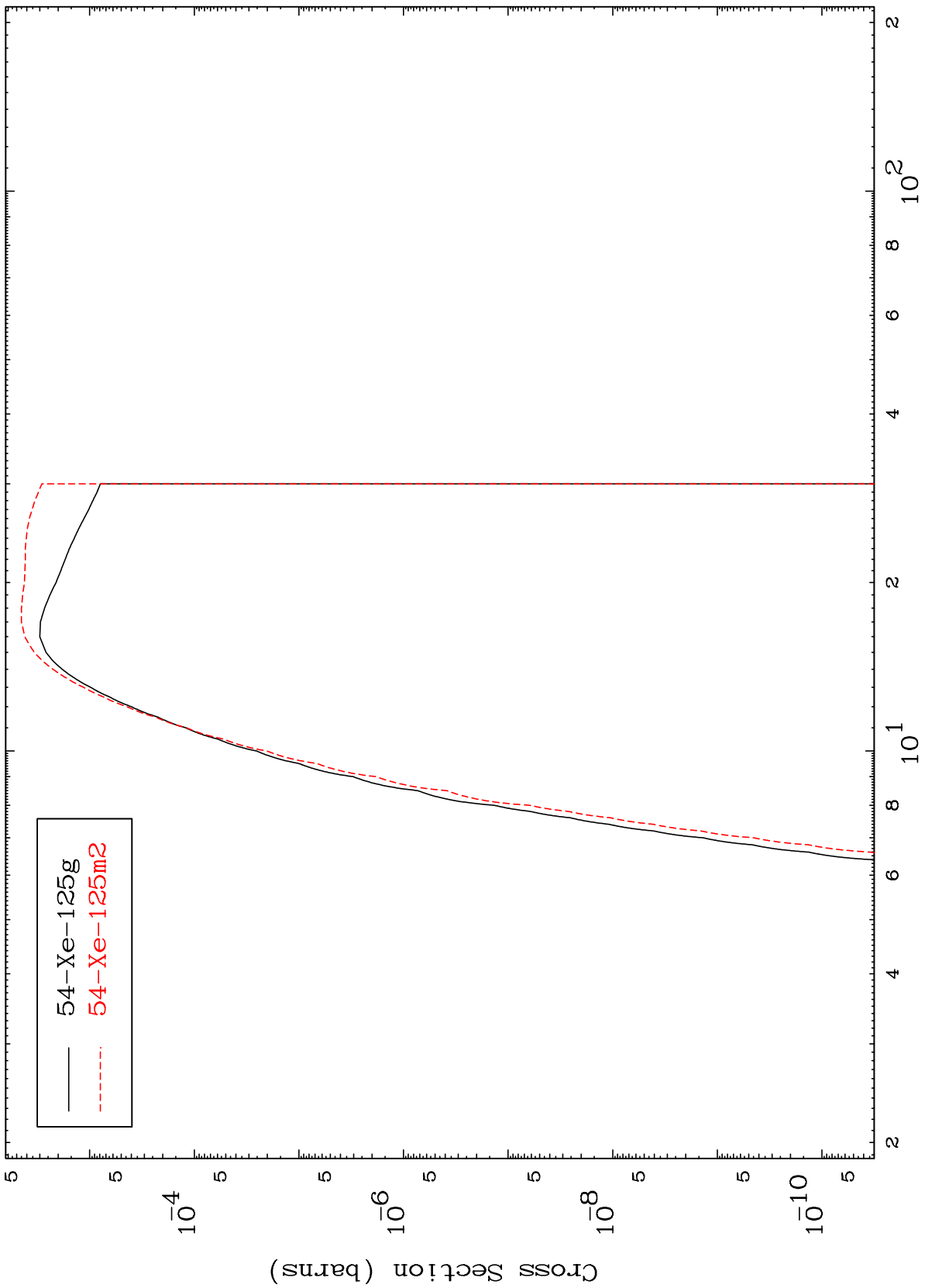
Radionuclide Production Cross Section



MAT 5613

56-Ba-126

(n,2p)
Radionuclide Production Cross Section



136

56-Ba-126

Incident Energy (MeV)