

Program EVALPLOT
(Version 2018-1)

by

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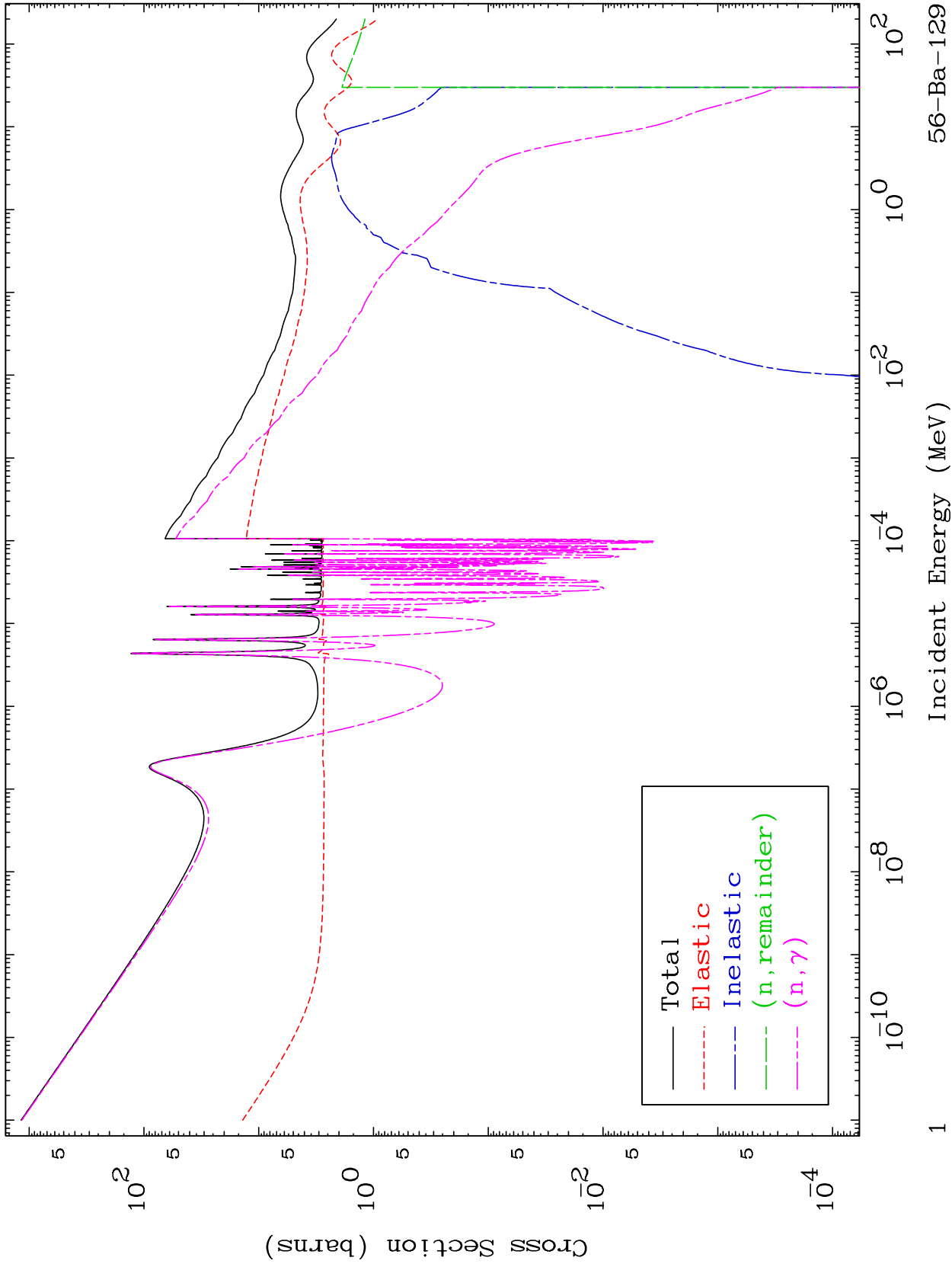
Press Mouse Button to Start

MAT 5622

Major

293 Kelvin Cross Sections

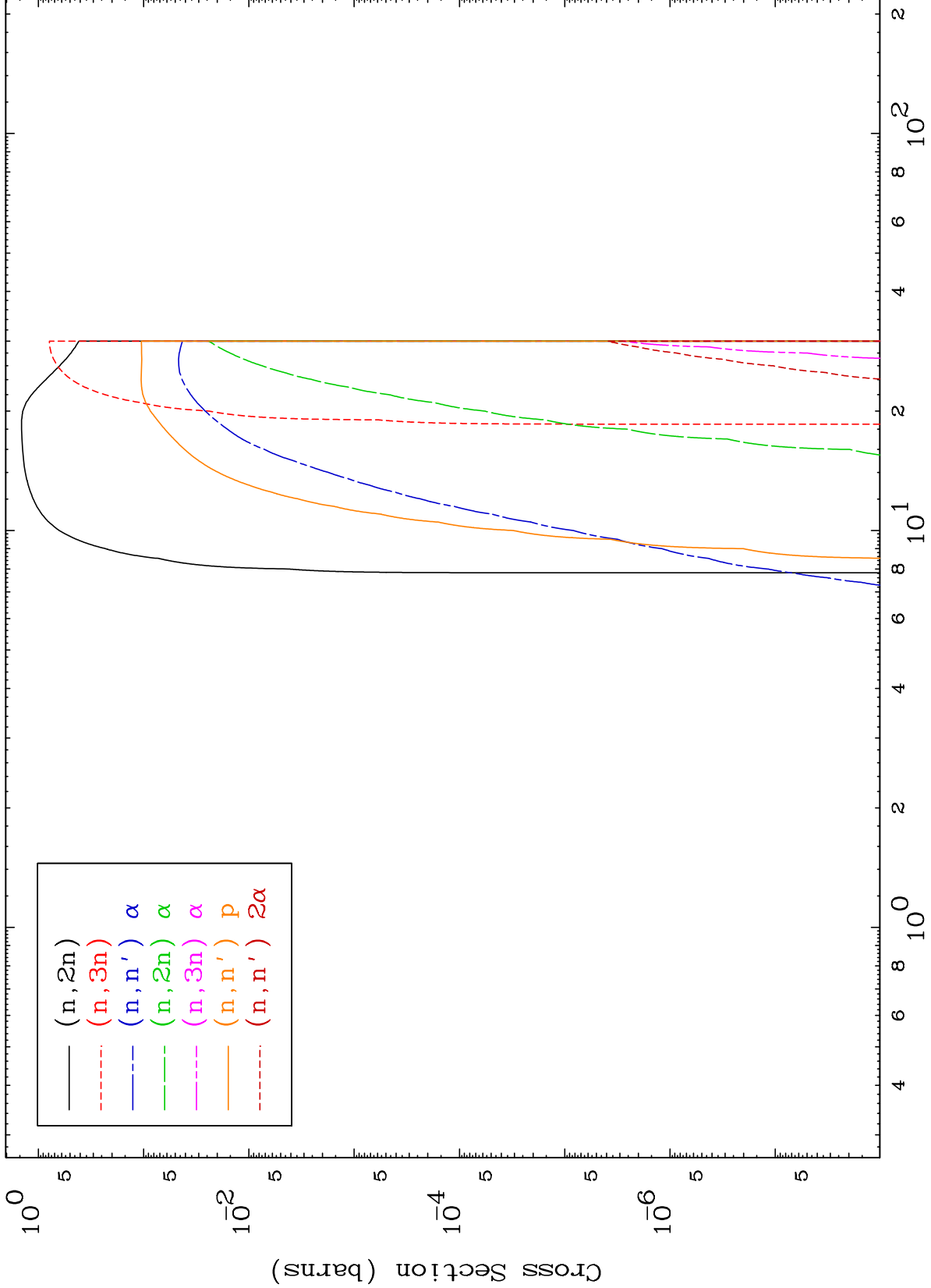
56-Ba-129



MAT 5622

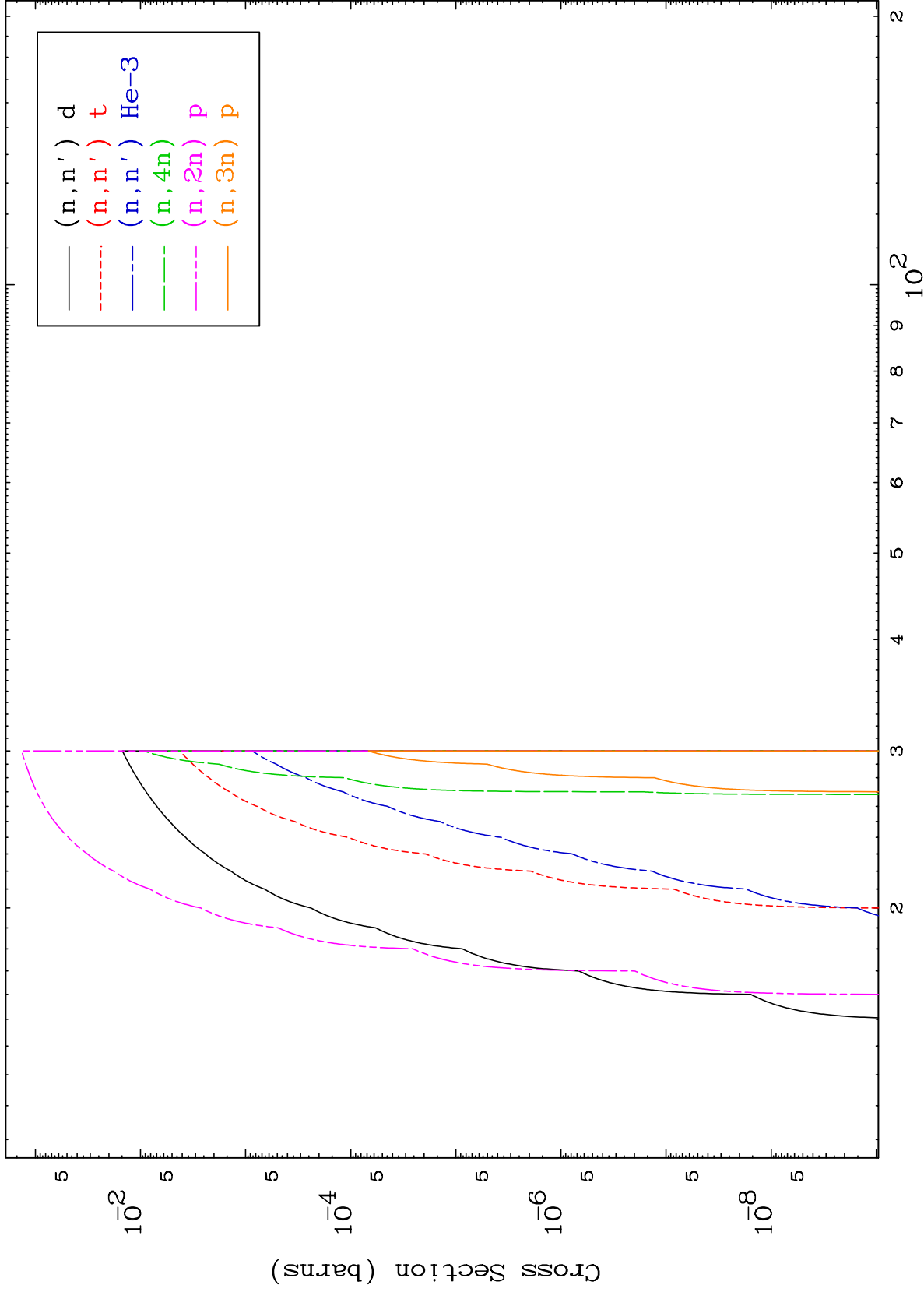
Neutron Production
293 Kelvin Cross Sections

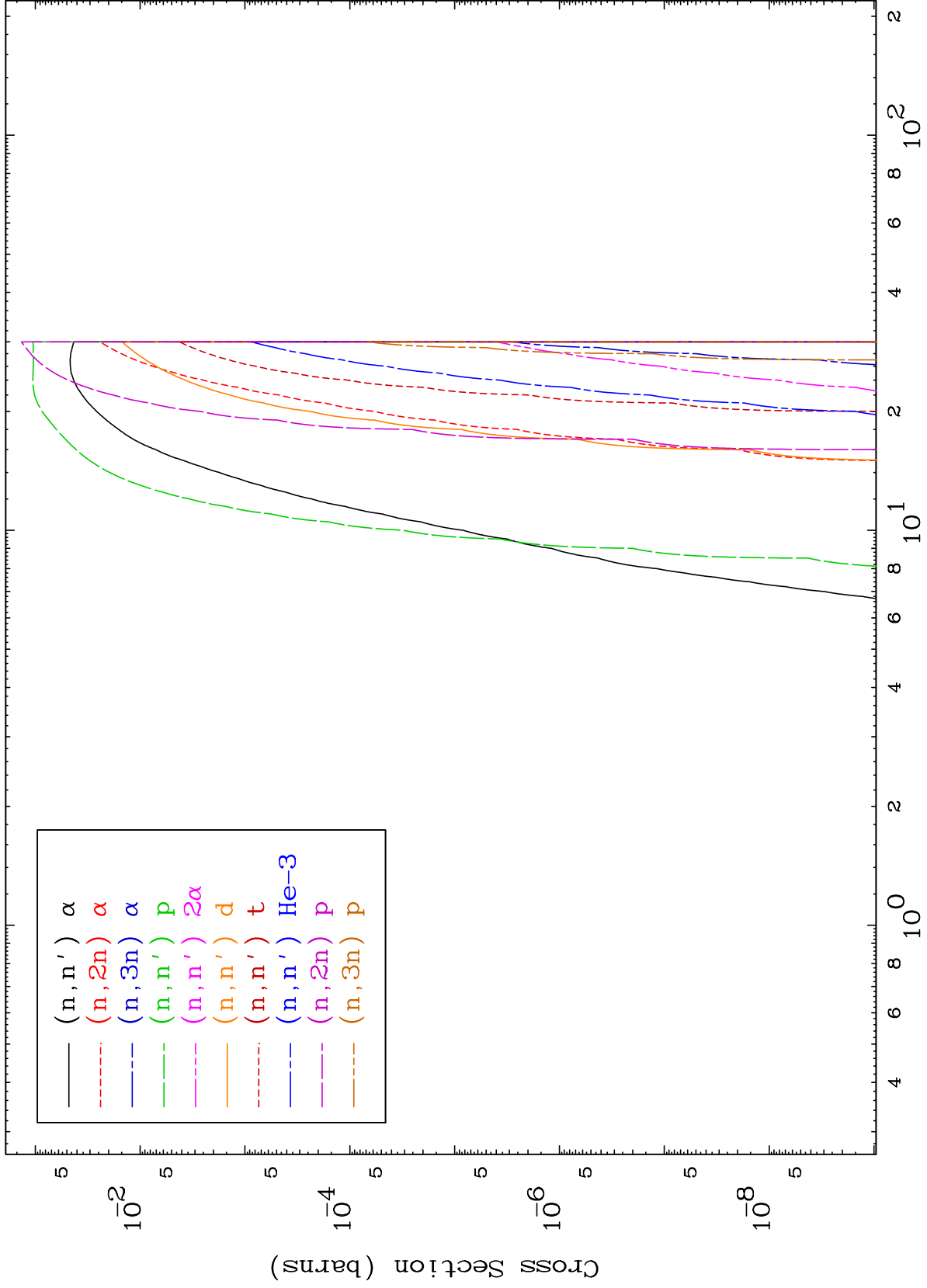
56-Ba-129



Incident Energy (MeV)

56-Ba-129

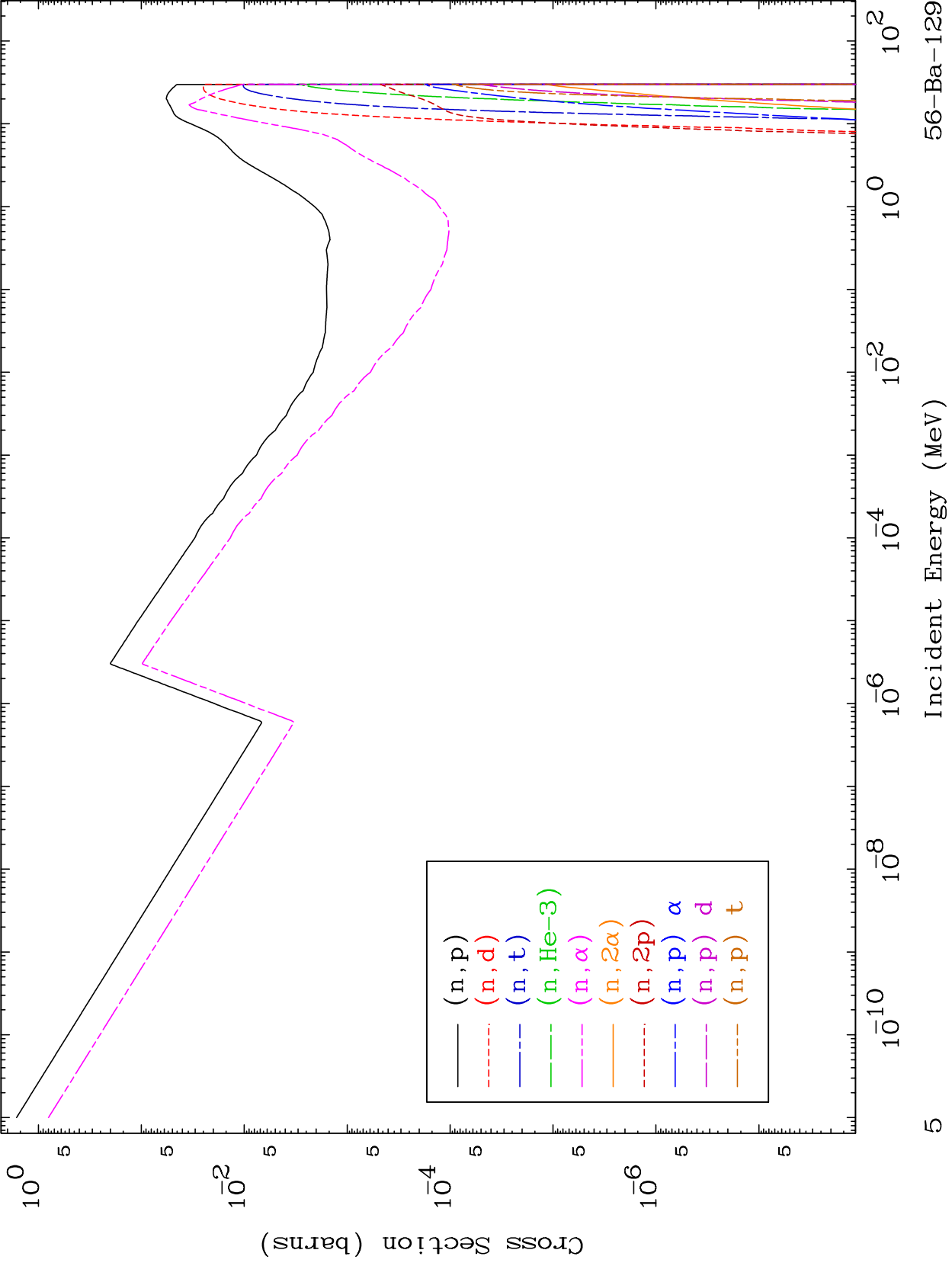




MAT 5622

Charged Particle
293 Kelvin Cross Sections

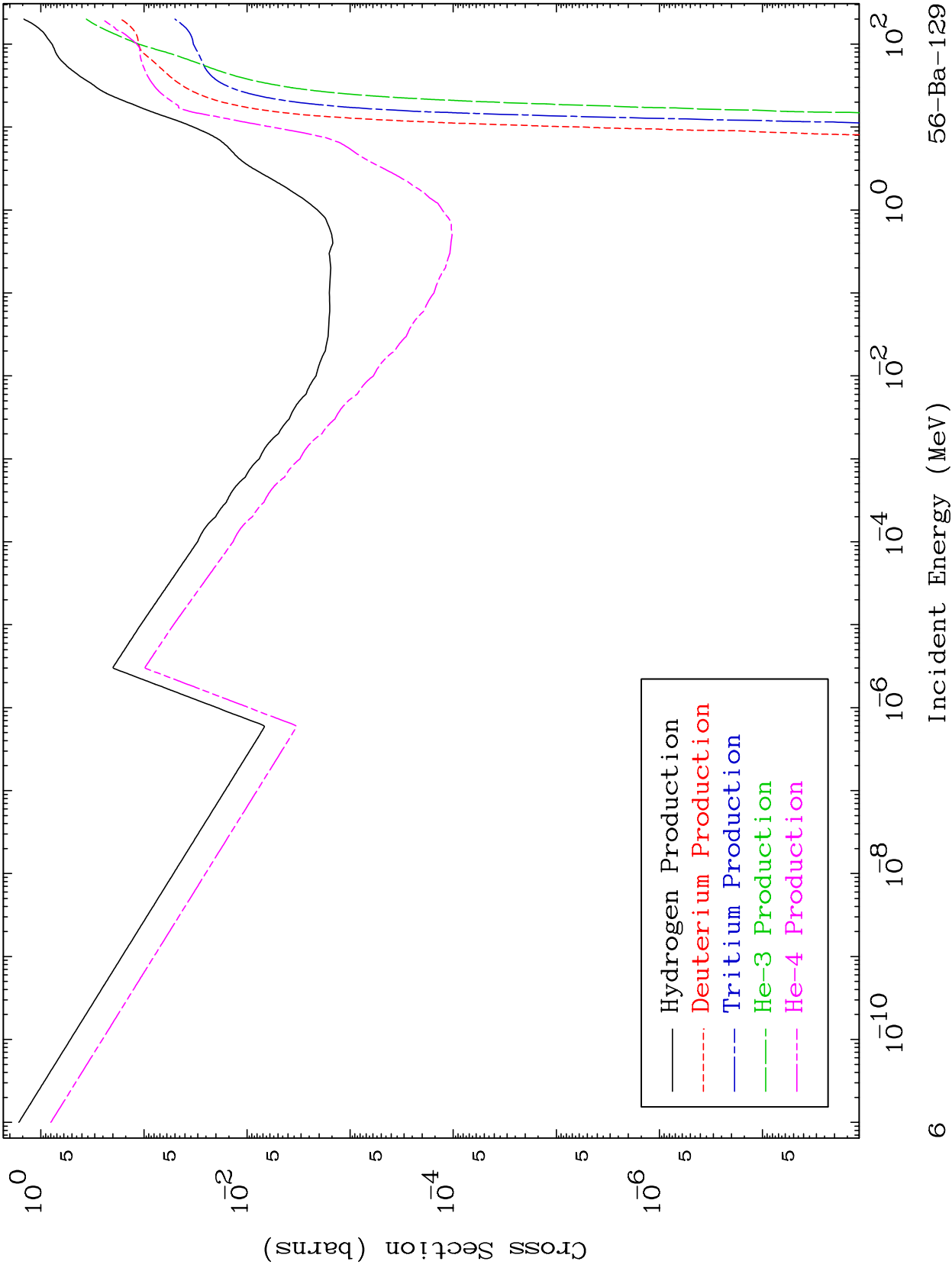
56-Ba-129



MAT 5622

Particle Production
293 Kelvin Cross Sections

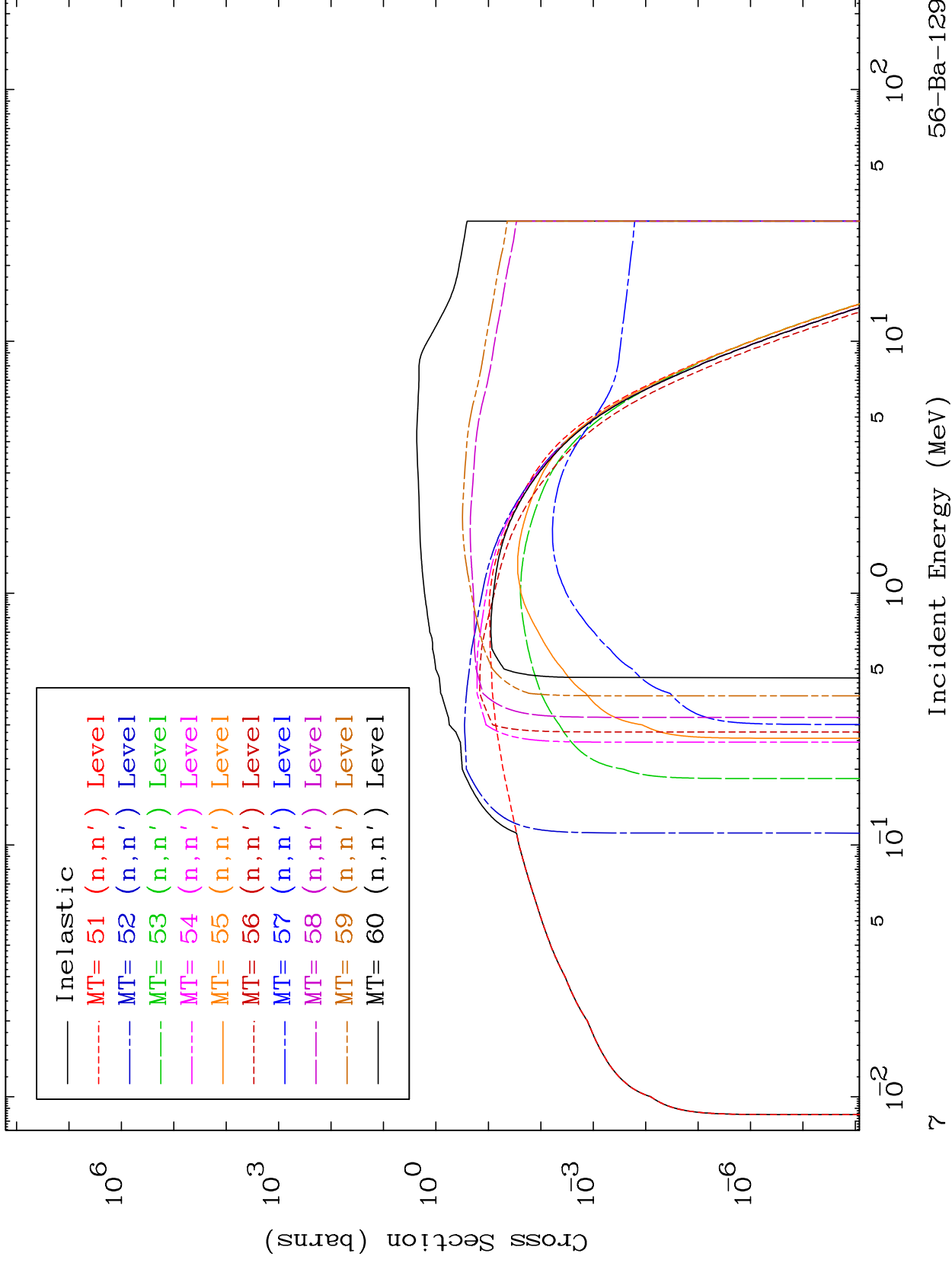
56-Ba-129



MAT 56222

(n,n') Level
293 Kelvin Cross Sections

56-Ba-129



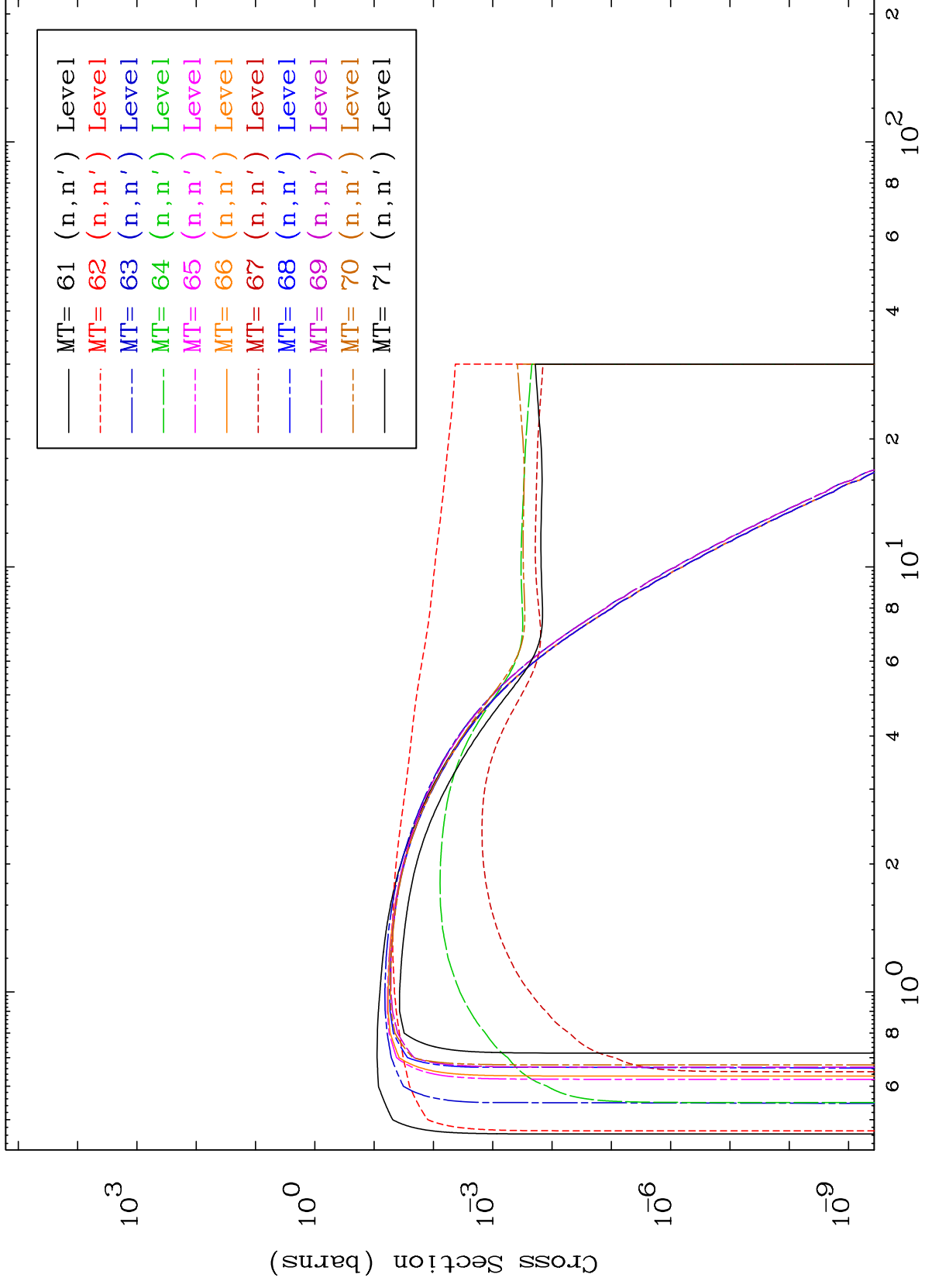
56-Ba-129

MAT 5622

(n,n') Level

293 Kelvin Cross Sections

56-Ba-129



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Incident Energy (MeV)

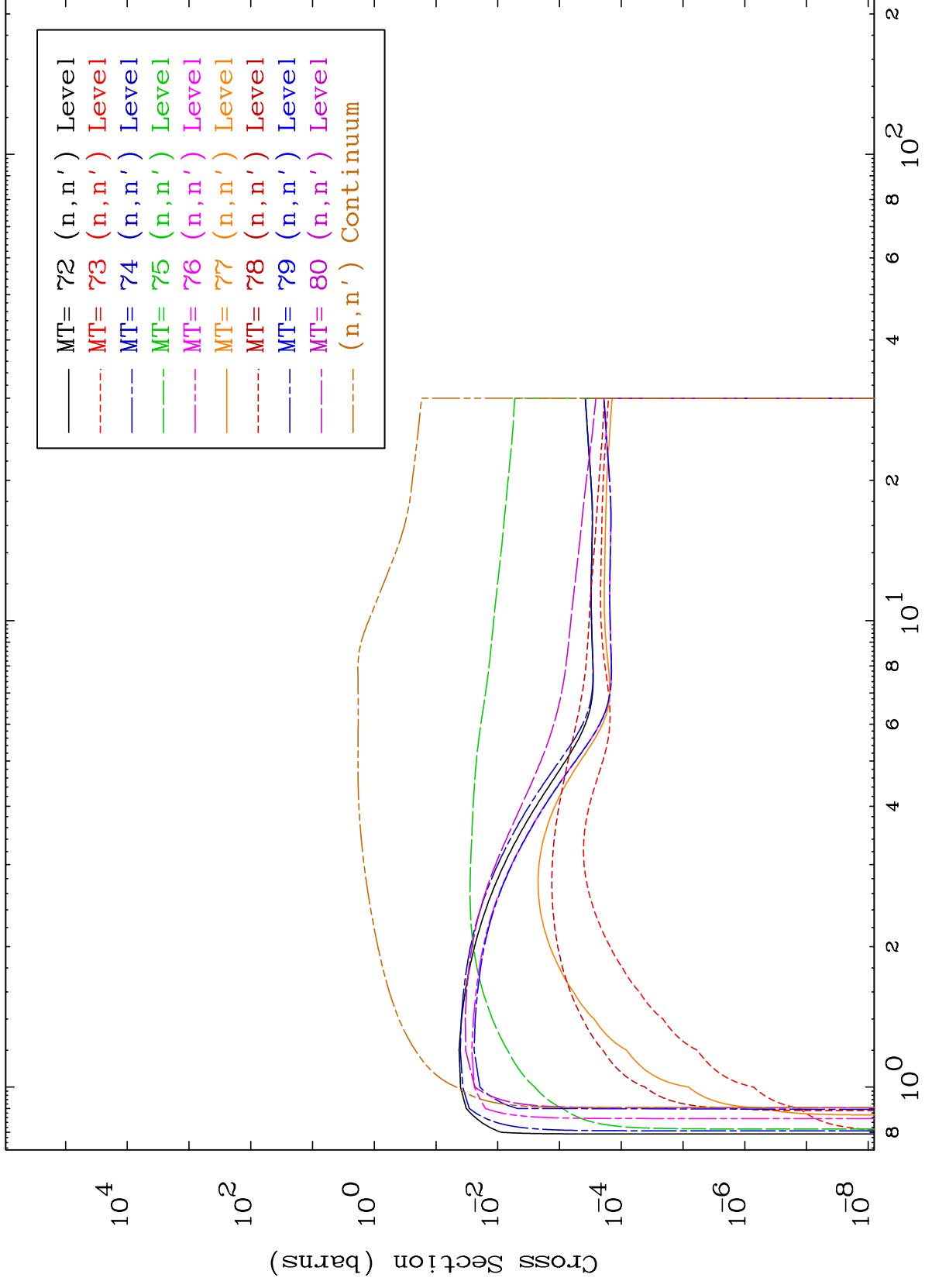
56-Ba-129

MAT 5622

(n,n') Level

56-Ba-129

293 Kelvin Cross Sections



9

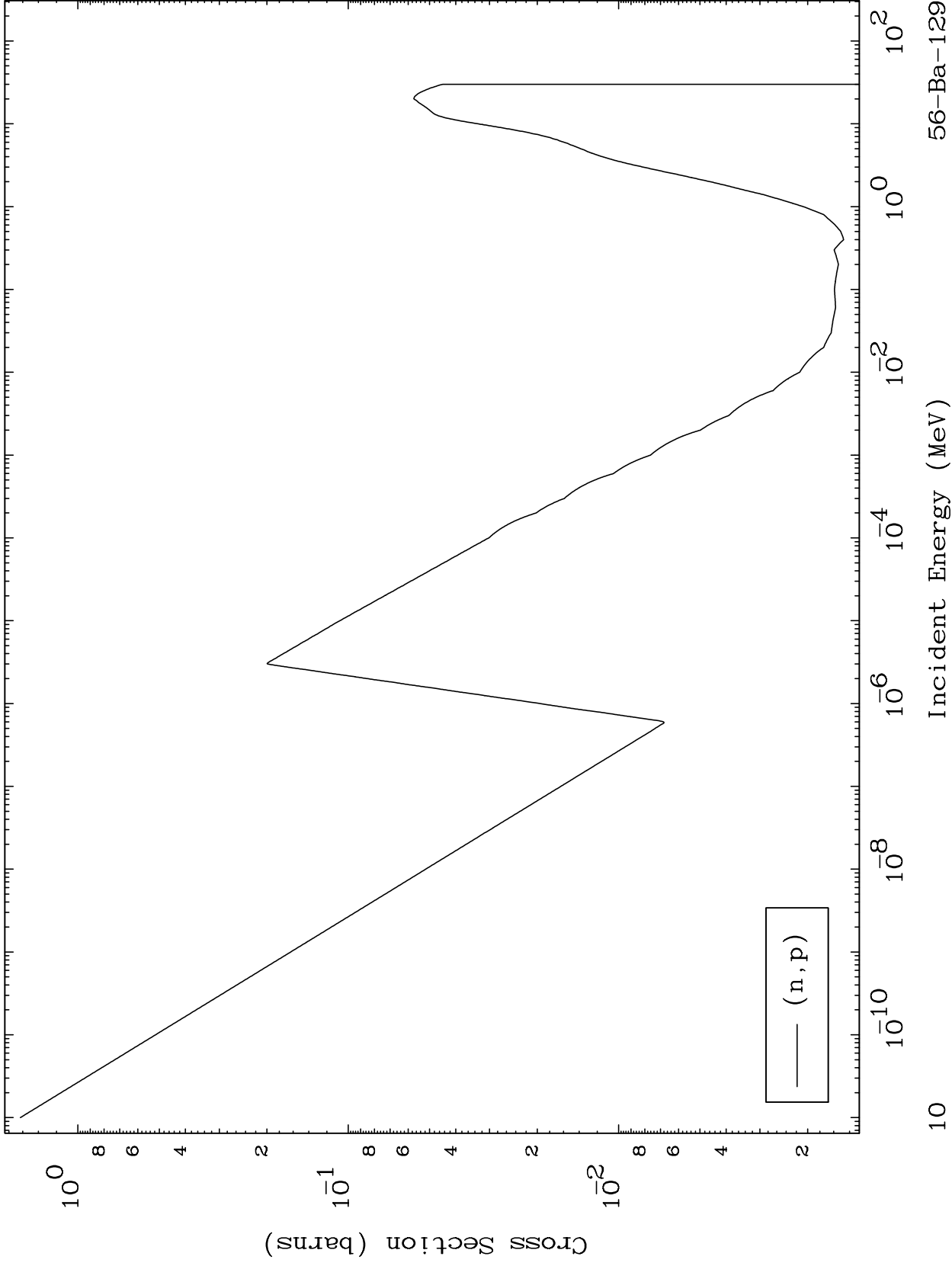
Incident Energy (MeV)

56-Ba-129

MAT 5622

(n,p) Levels
293 Kelvin Cross Sections

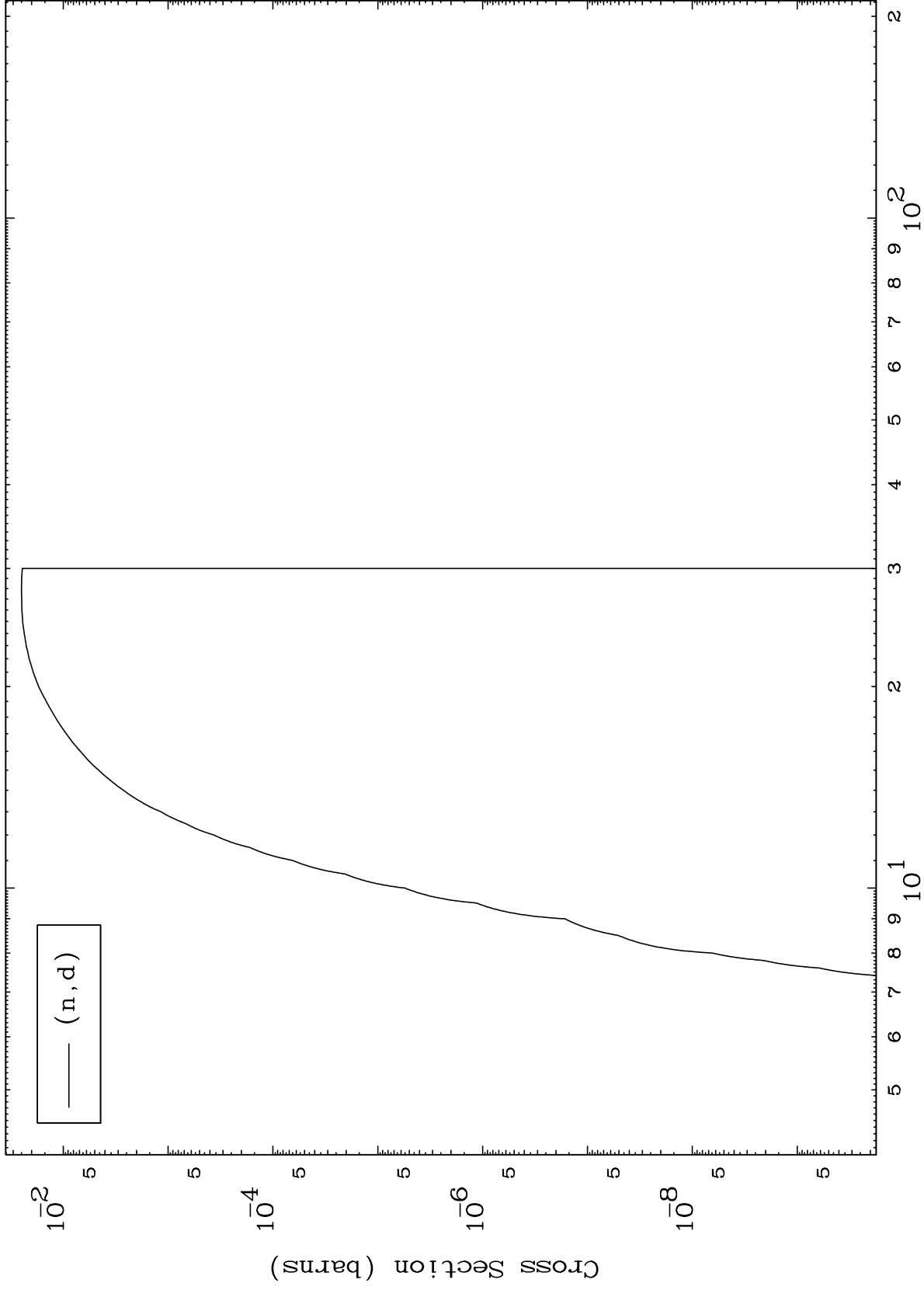
56-Ba-129



MAT 5622

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-129



11

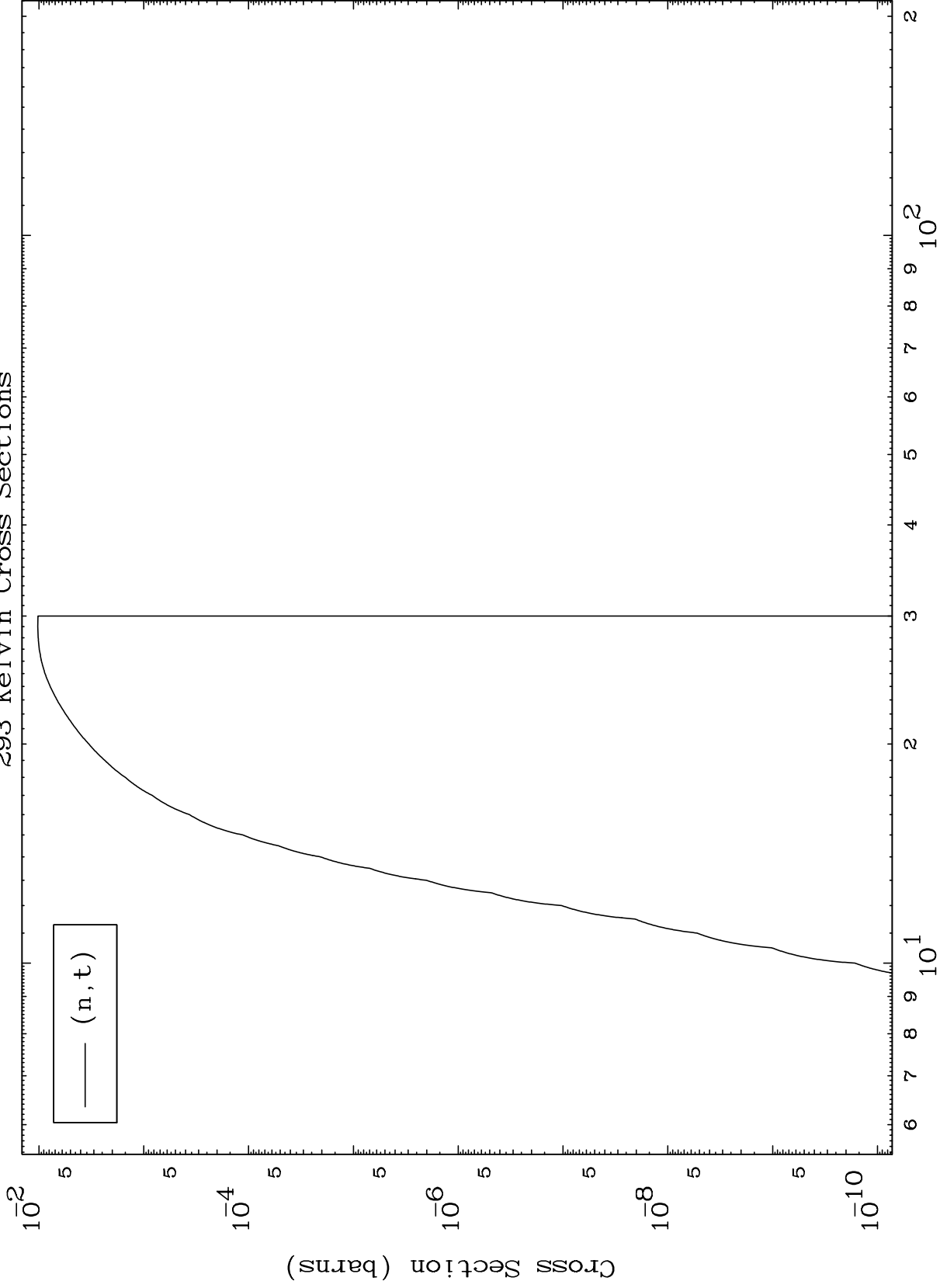
Incident Energy (MeV)

56-Ba-129

MAT 5622

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-129



12

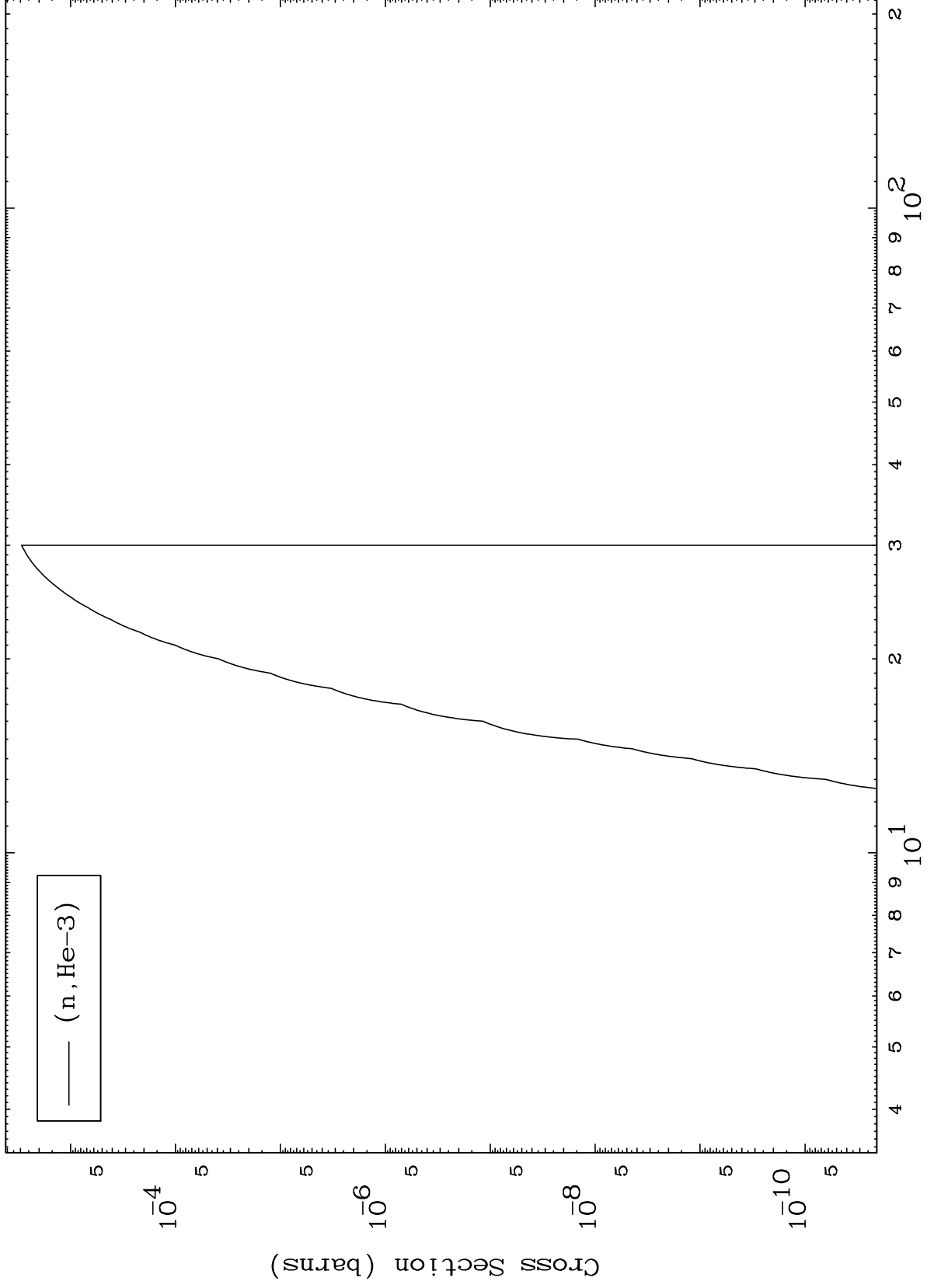
Incident Energy (MeV)

56-Ba-129

MAT 5622

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-129



13

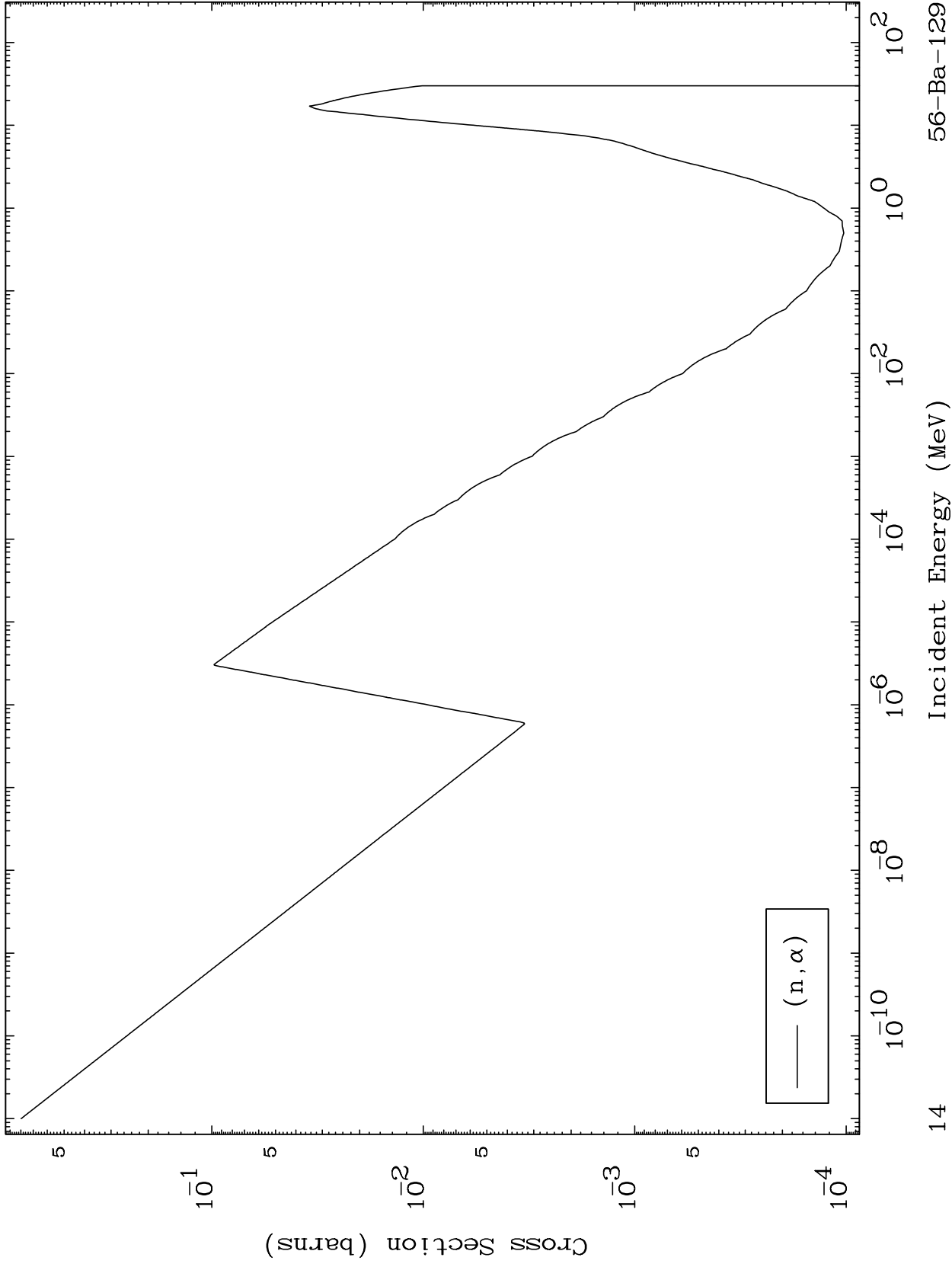
Incident Energy (MeV)

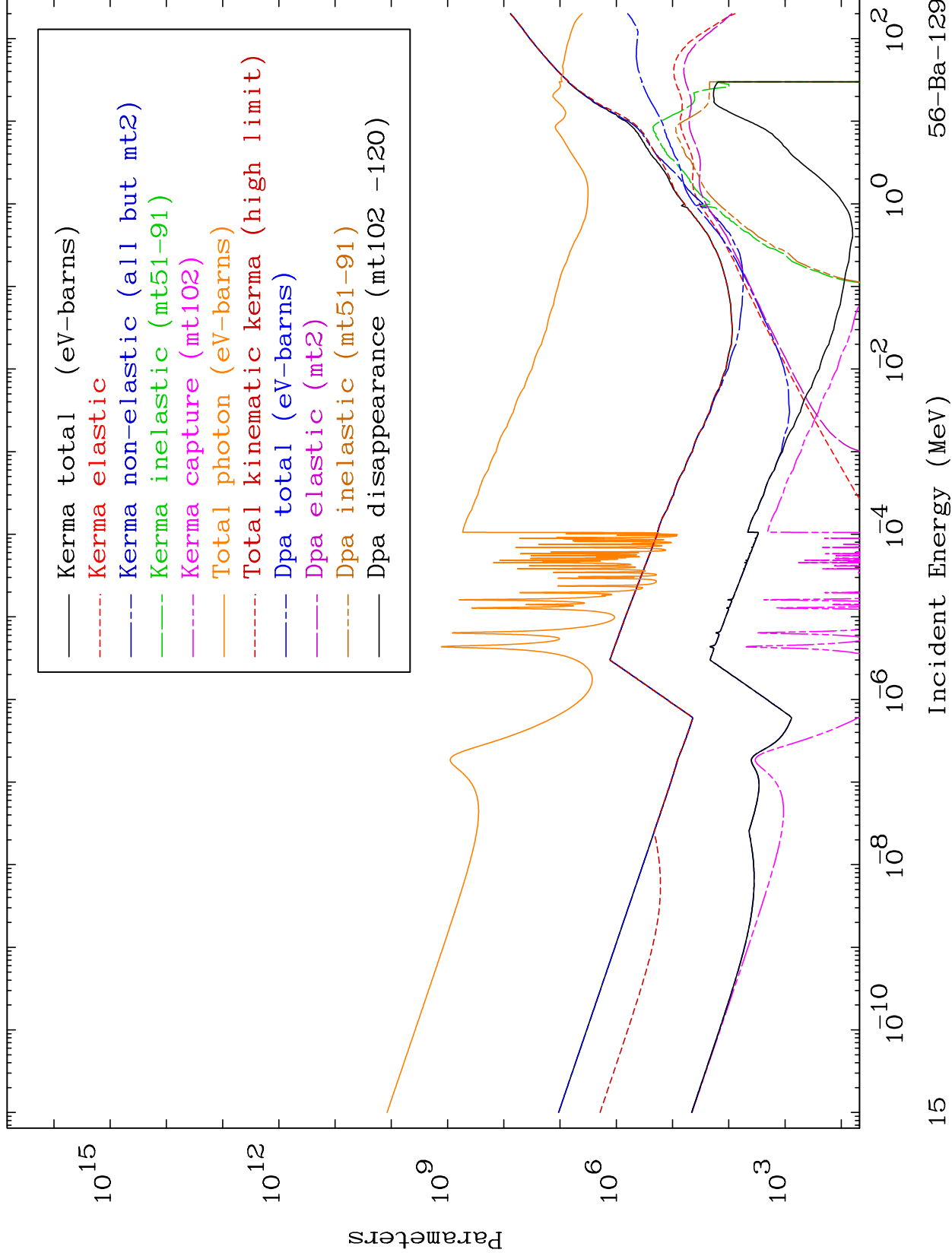
56-Ba-129

MAT 5622

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-129

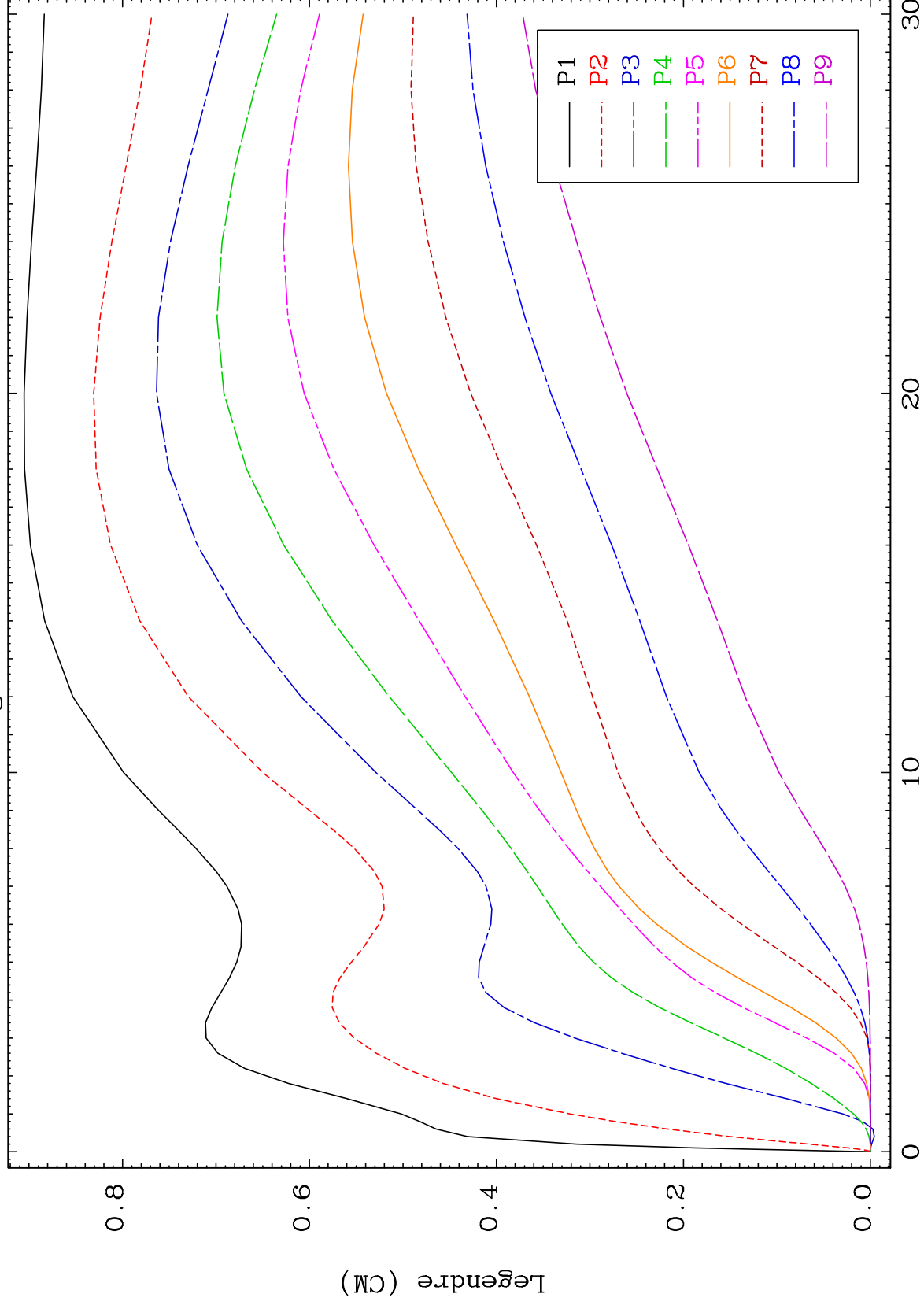




MAT 5622

Elastic Legendre Coefficients

56-Ba-129



16

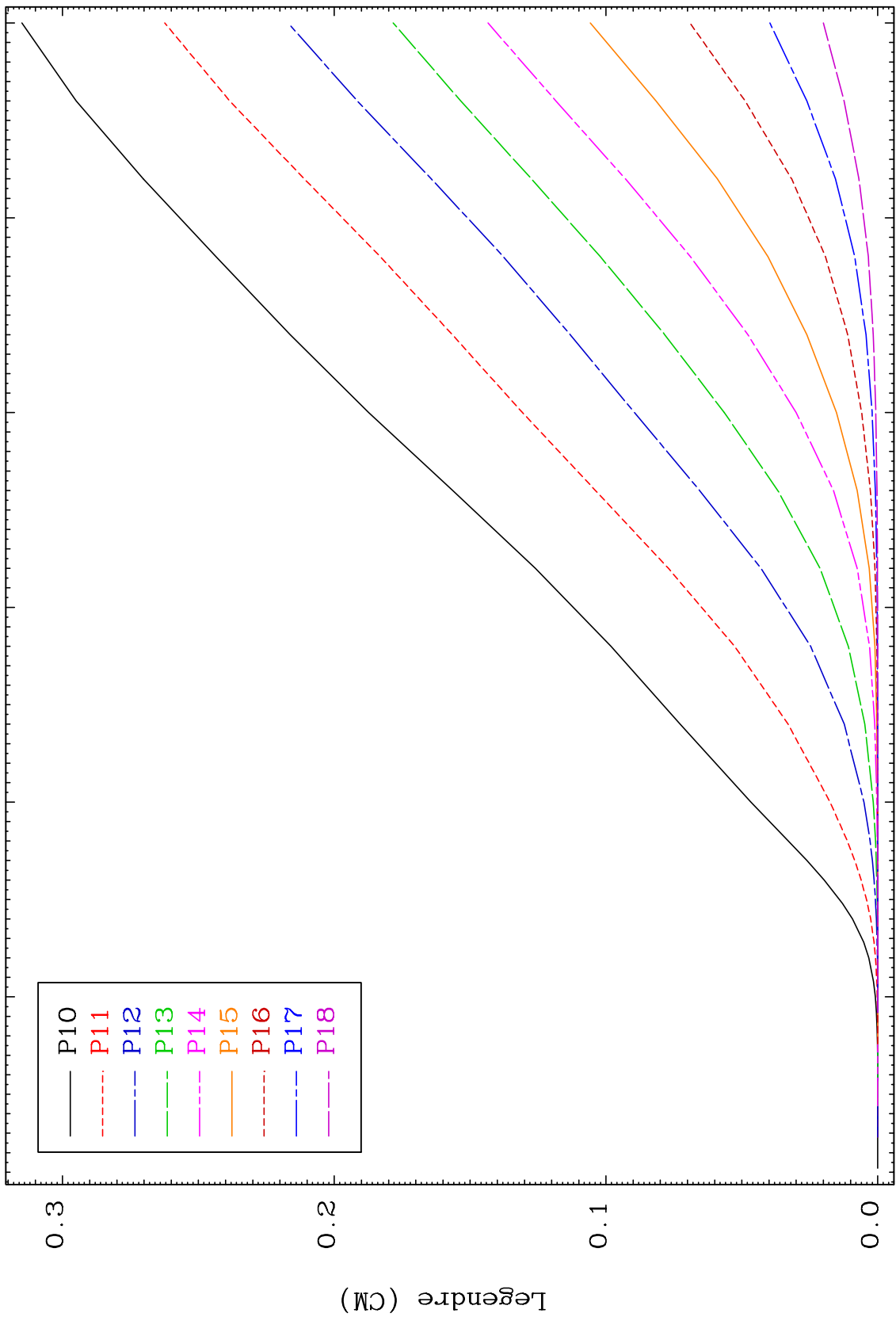
Incident Energy (MeV)

56-Ba-129

MAT 5622

Elastic Legendre Coefficients

56-Ba-129



17

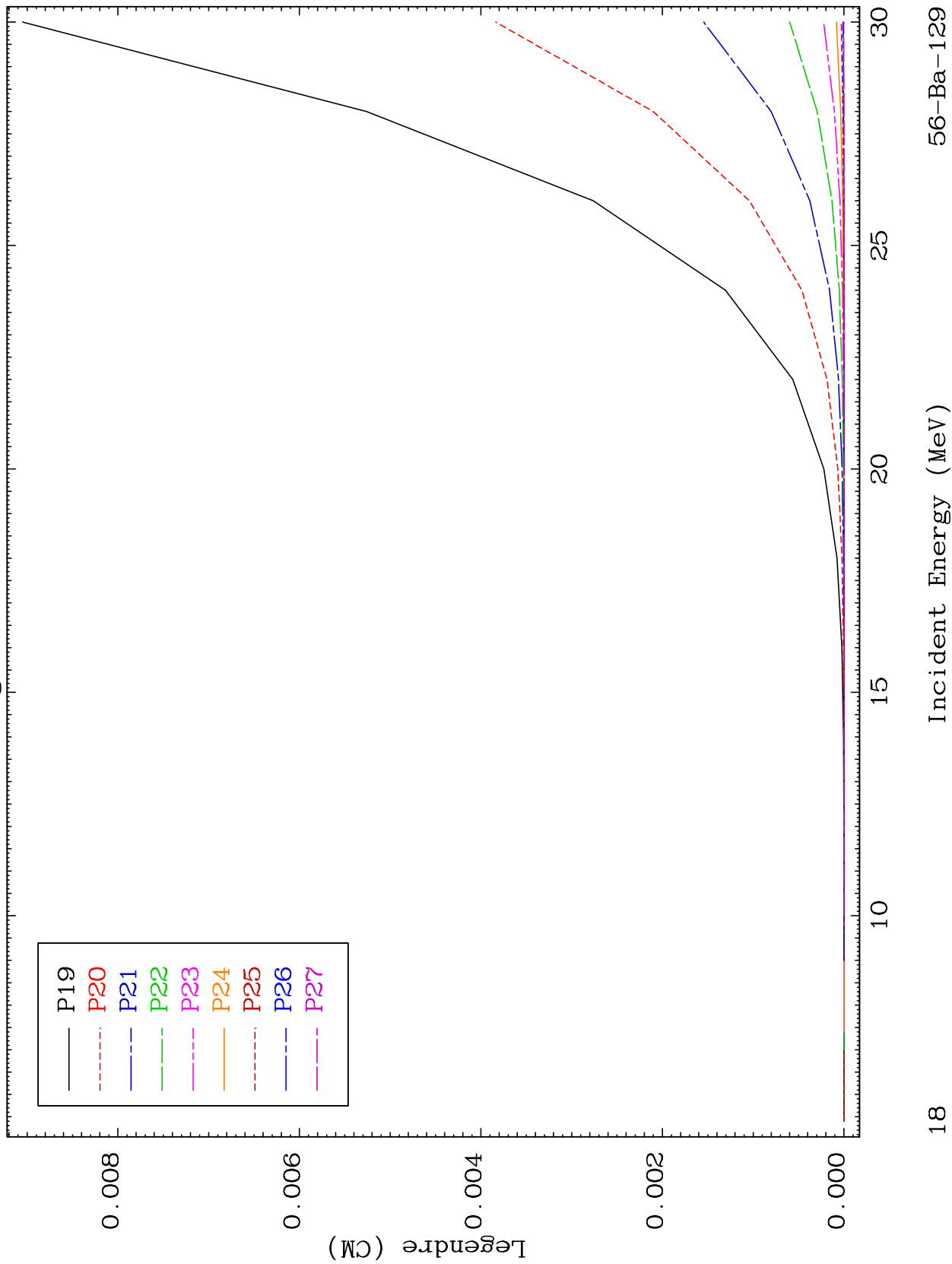
Incident Energy (MeV)

56-Ba-129

MAT 5622

Elastic Legendre Coefficients

56-Ba-129



18

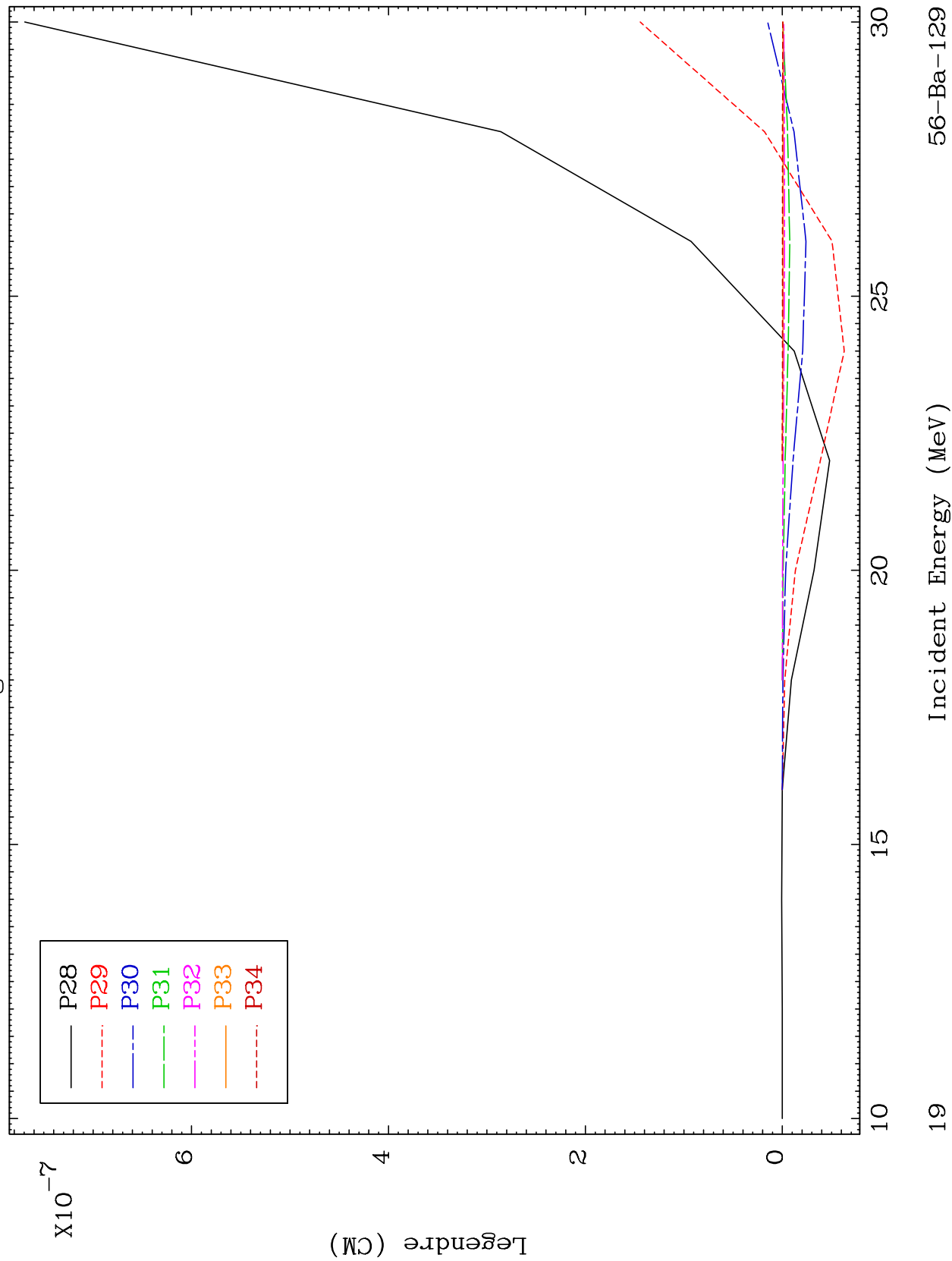
Incident Energy (MeV)

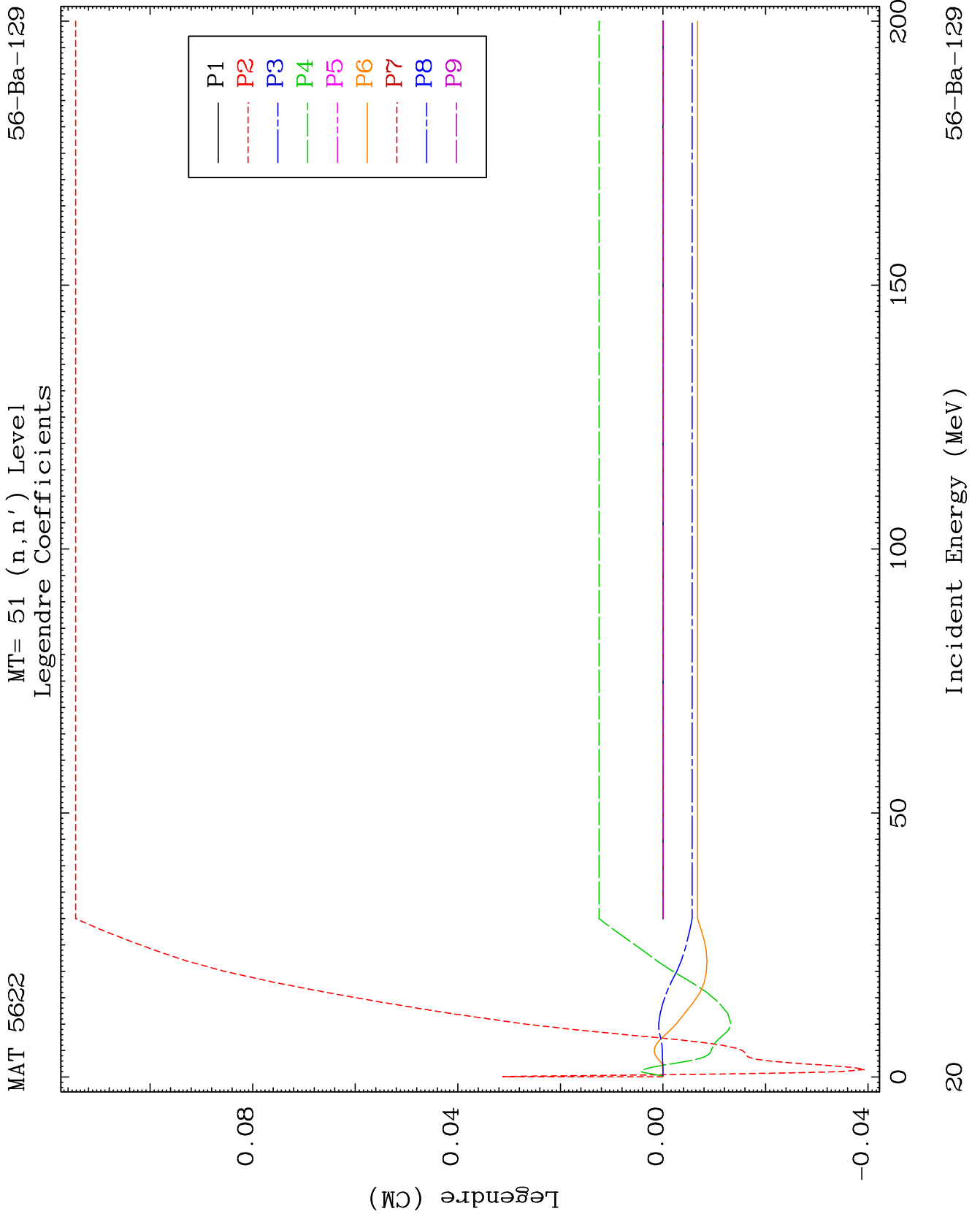
56-Ba-129

MAT 5622

Elastic
Legendre Coefficients

56-Ba-129

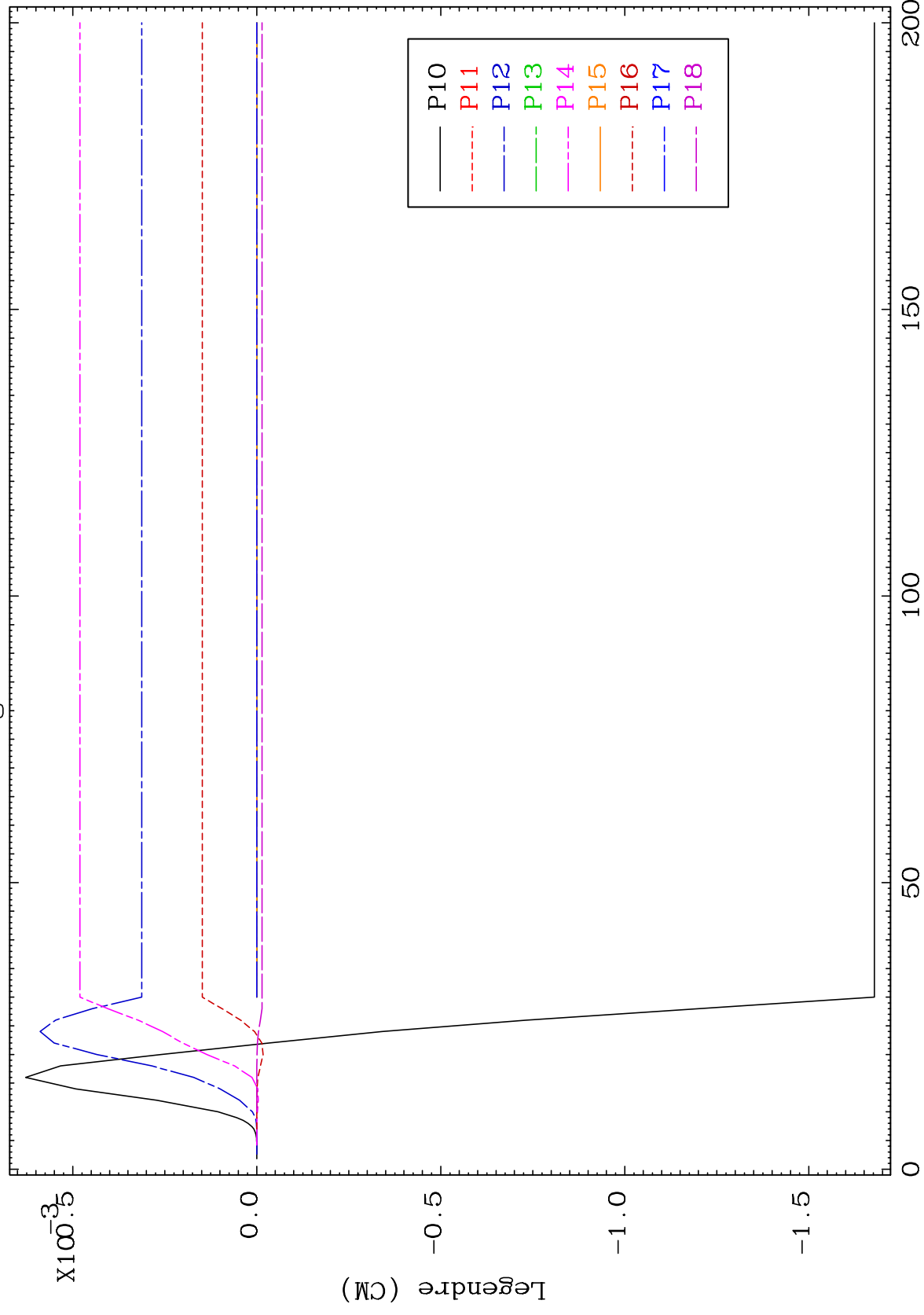




MAT 5622

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

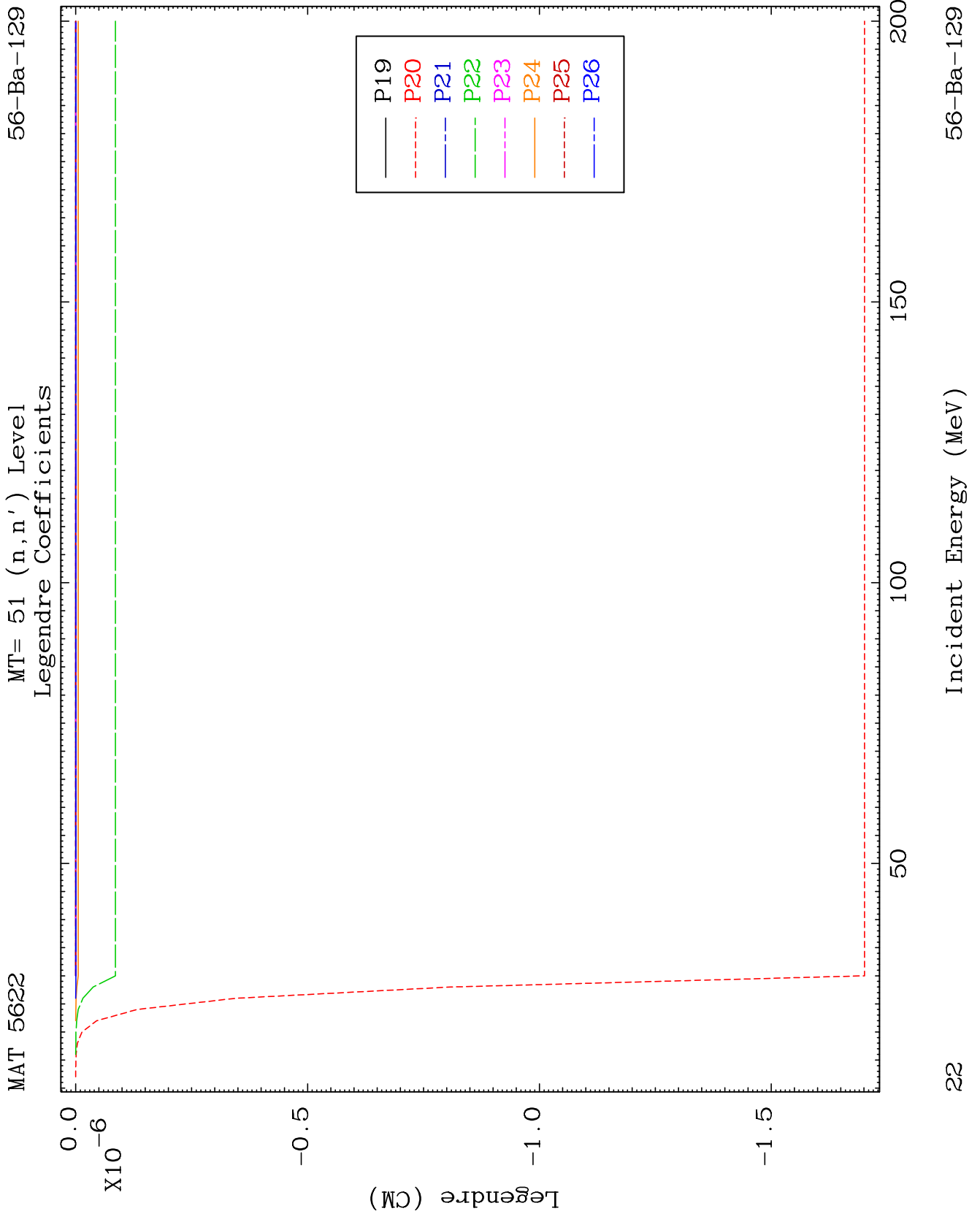
56-Ba-129

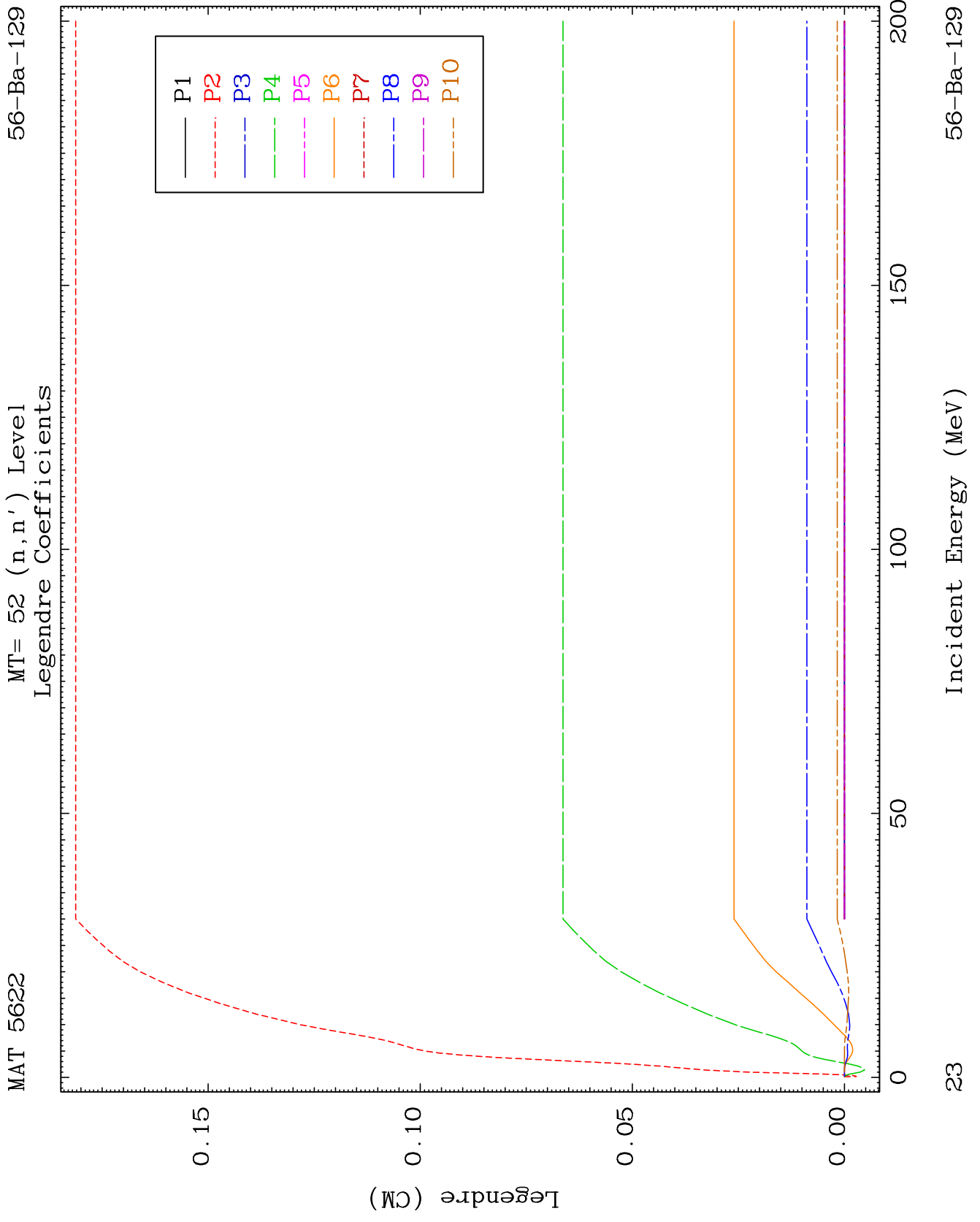


21

Incident Energy (MeV)

56-Ba-129

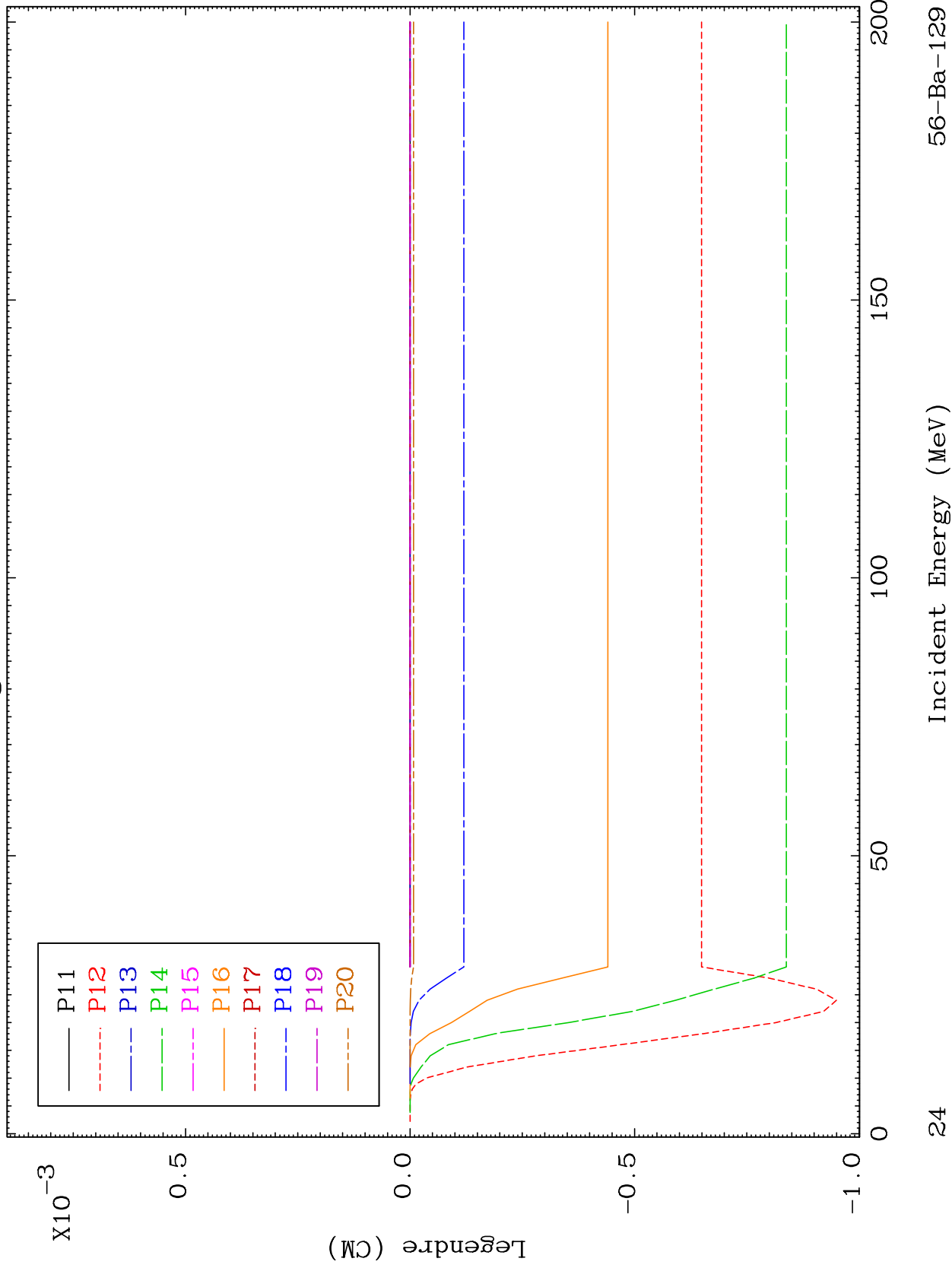




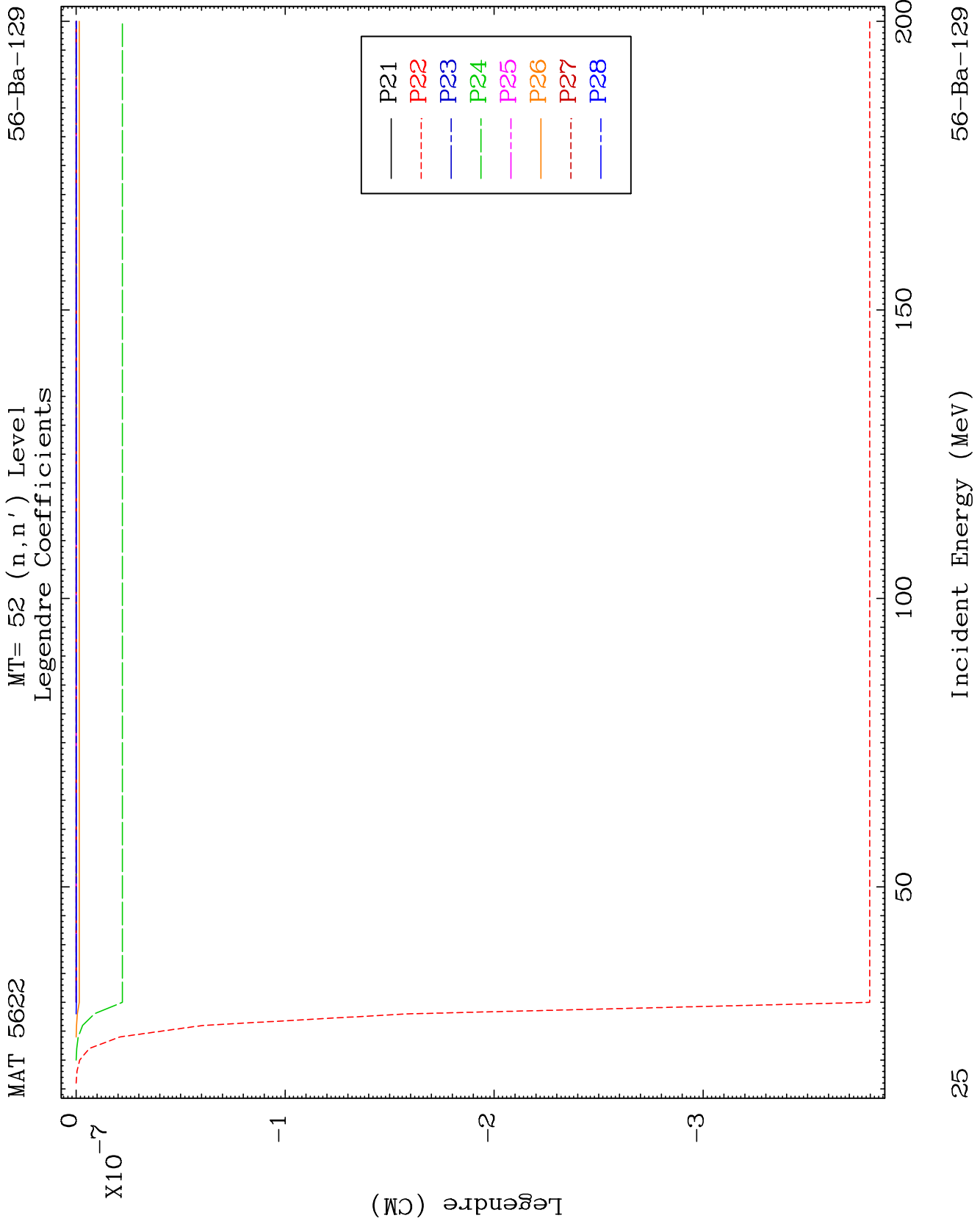
MAT 5622

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

56-Ba-129



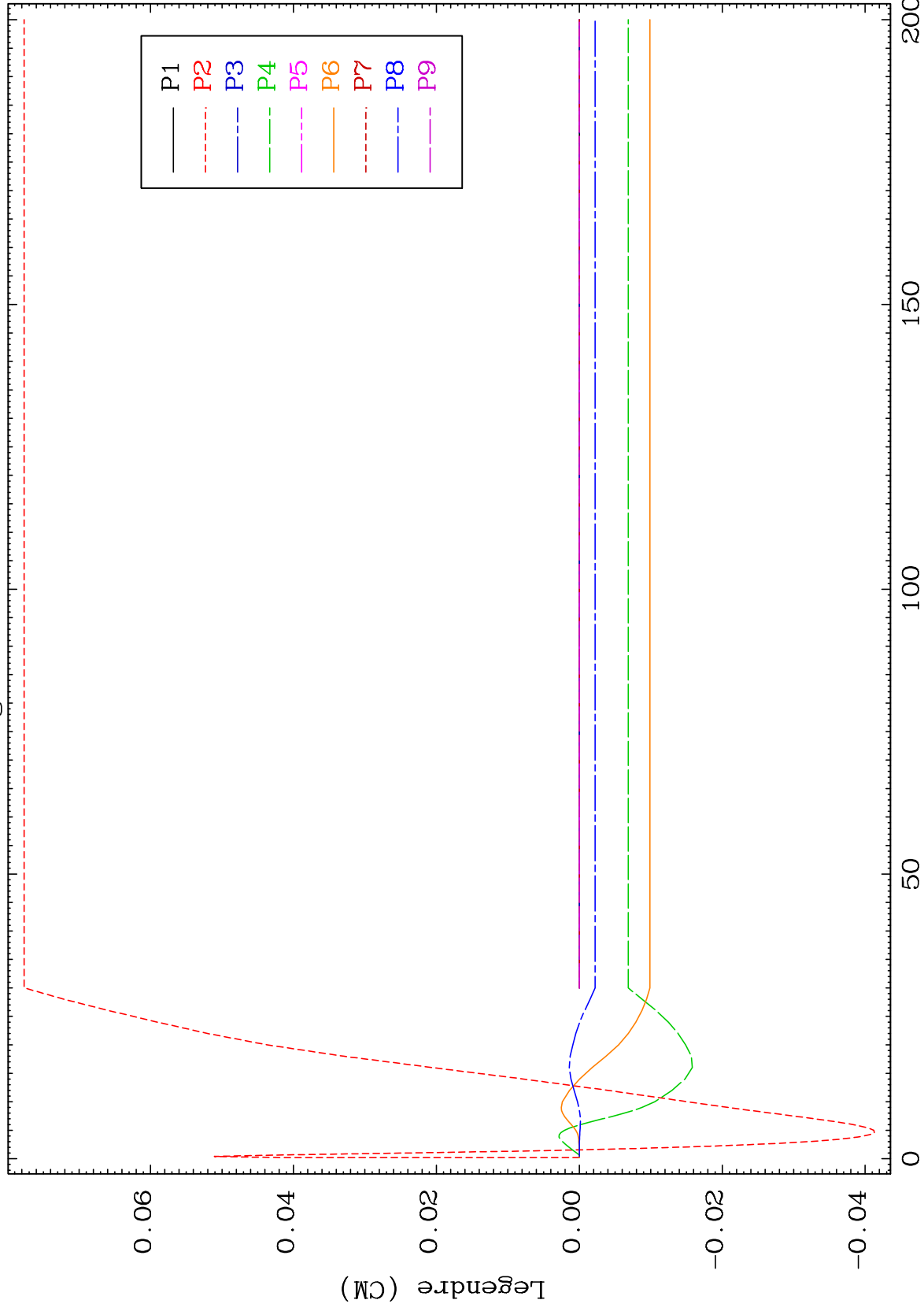
24



MAT 5622

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

56-Ba-129



26

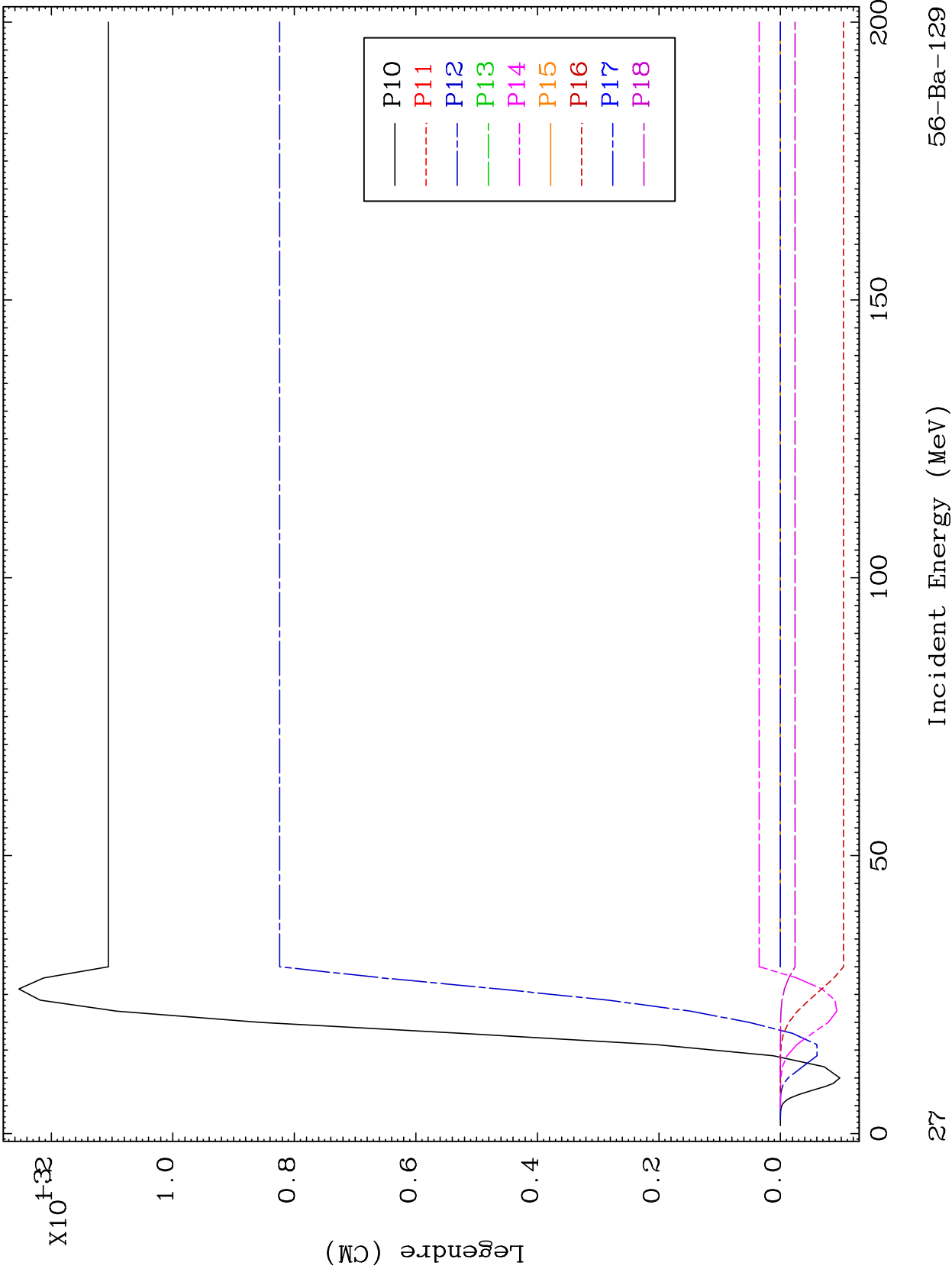
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

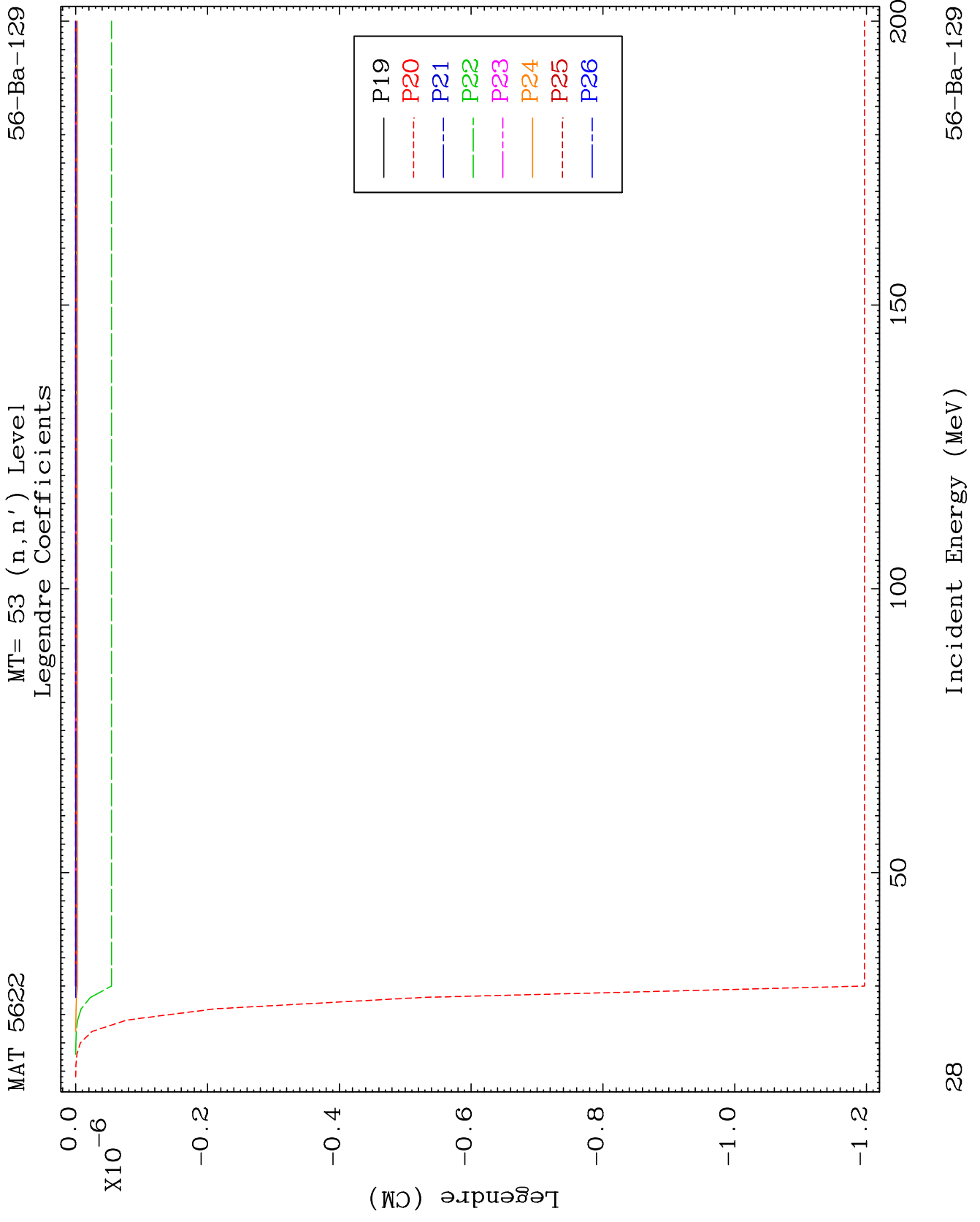
56-Ba-129



56-Ba-129

Incident Energy (MeV)

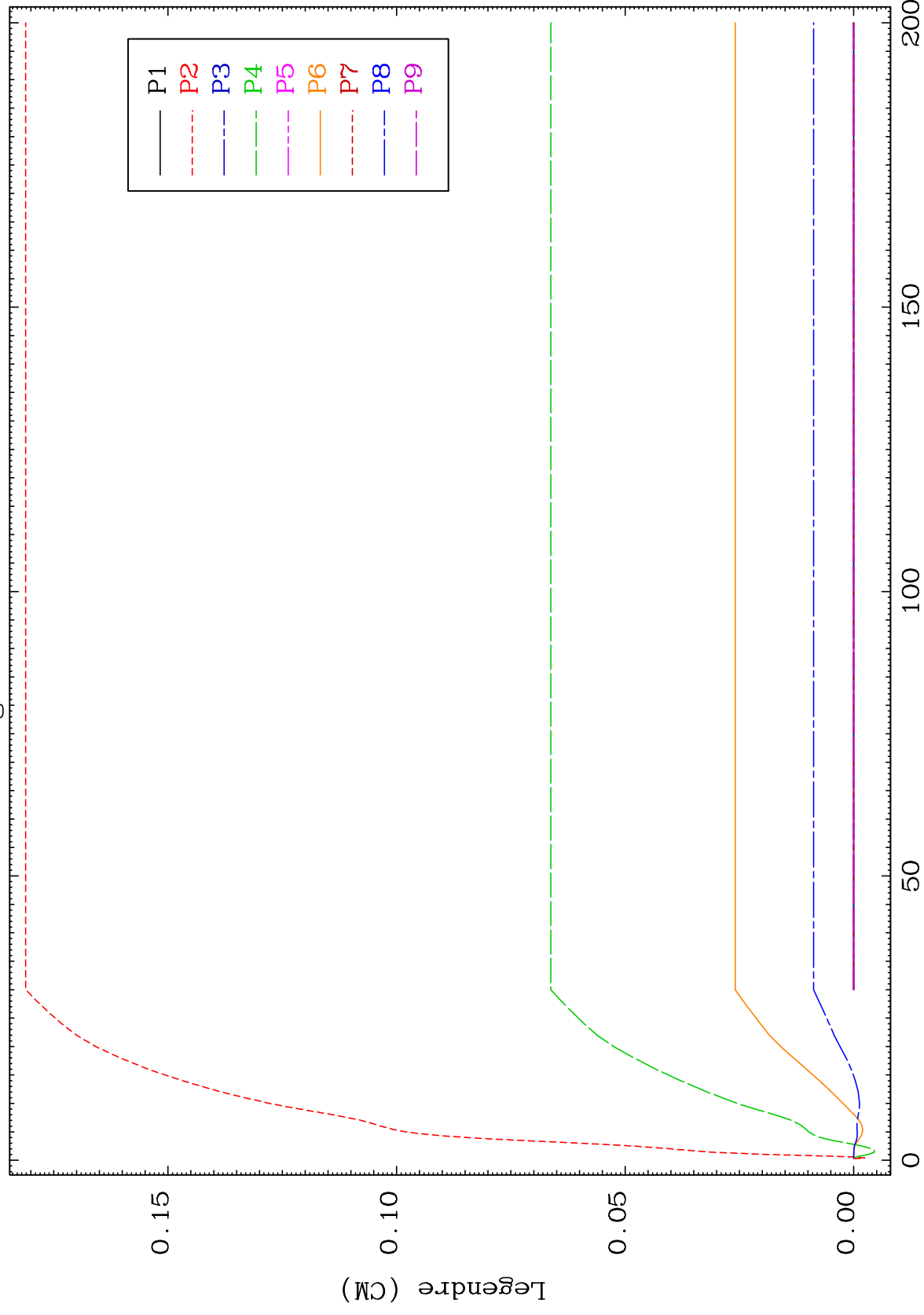
27



MAT 5622

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

56-Ba-129



29

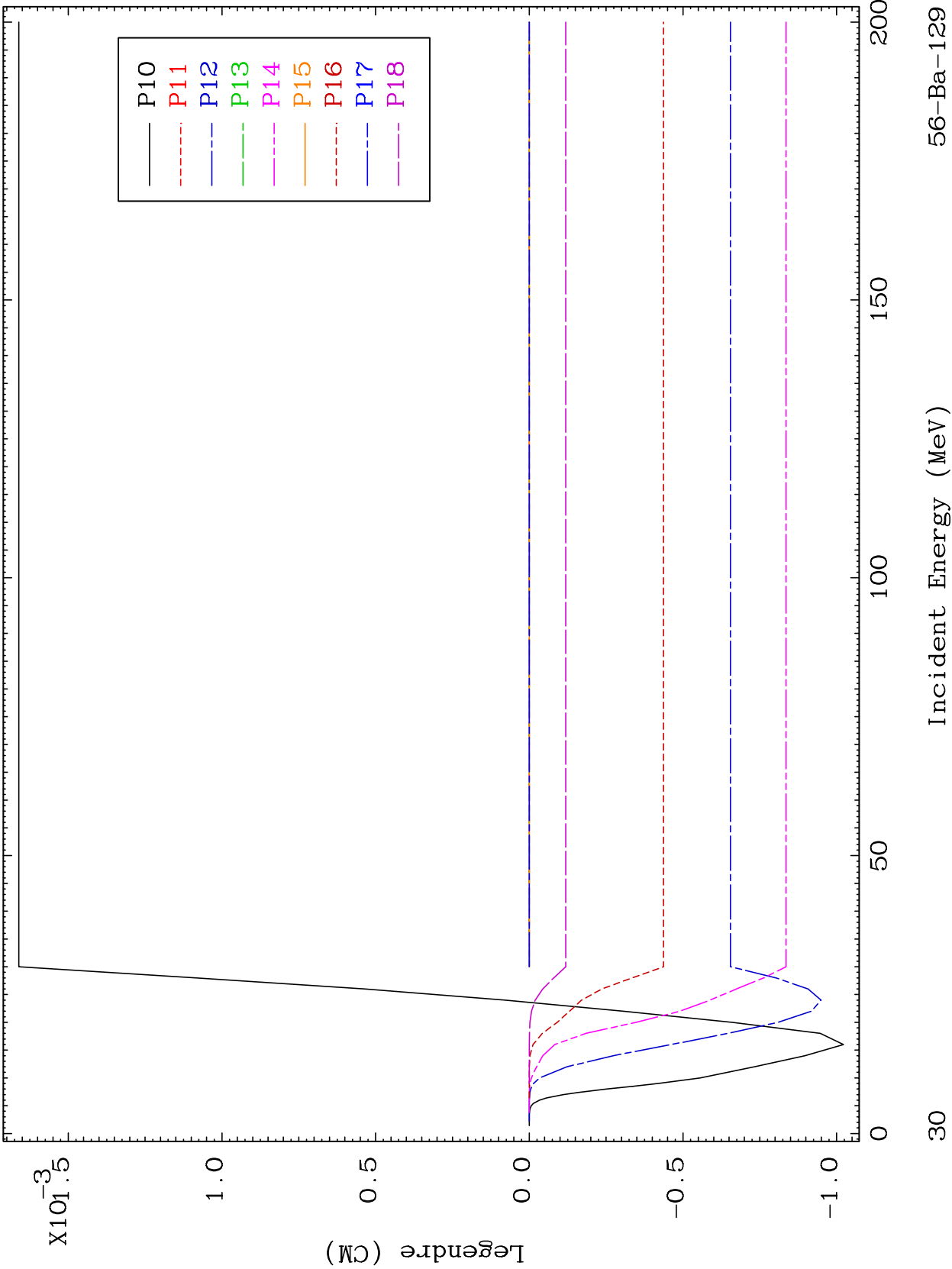
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

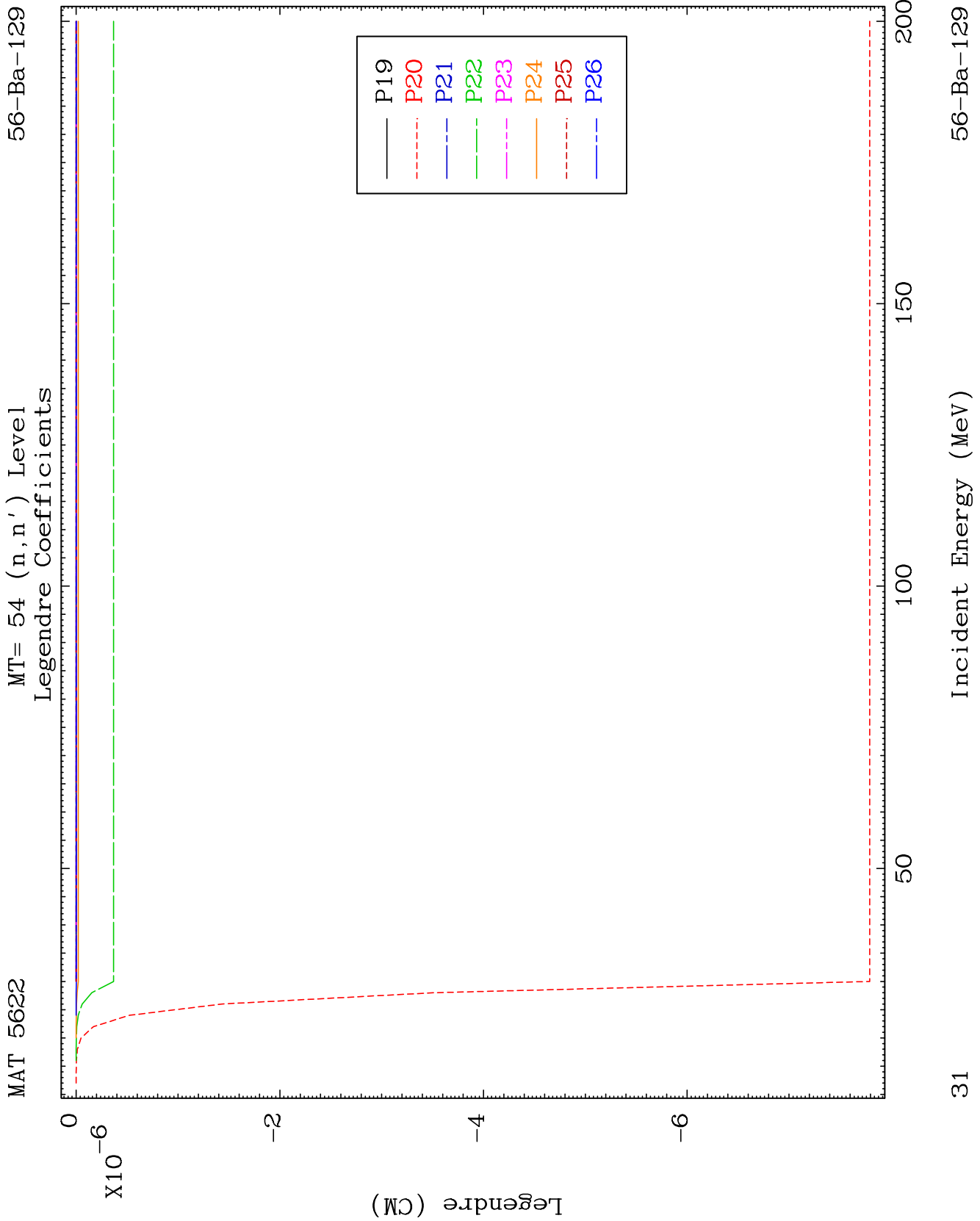
56-Ba-129



56-Ba-129

Incident Energy (MeV)

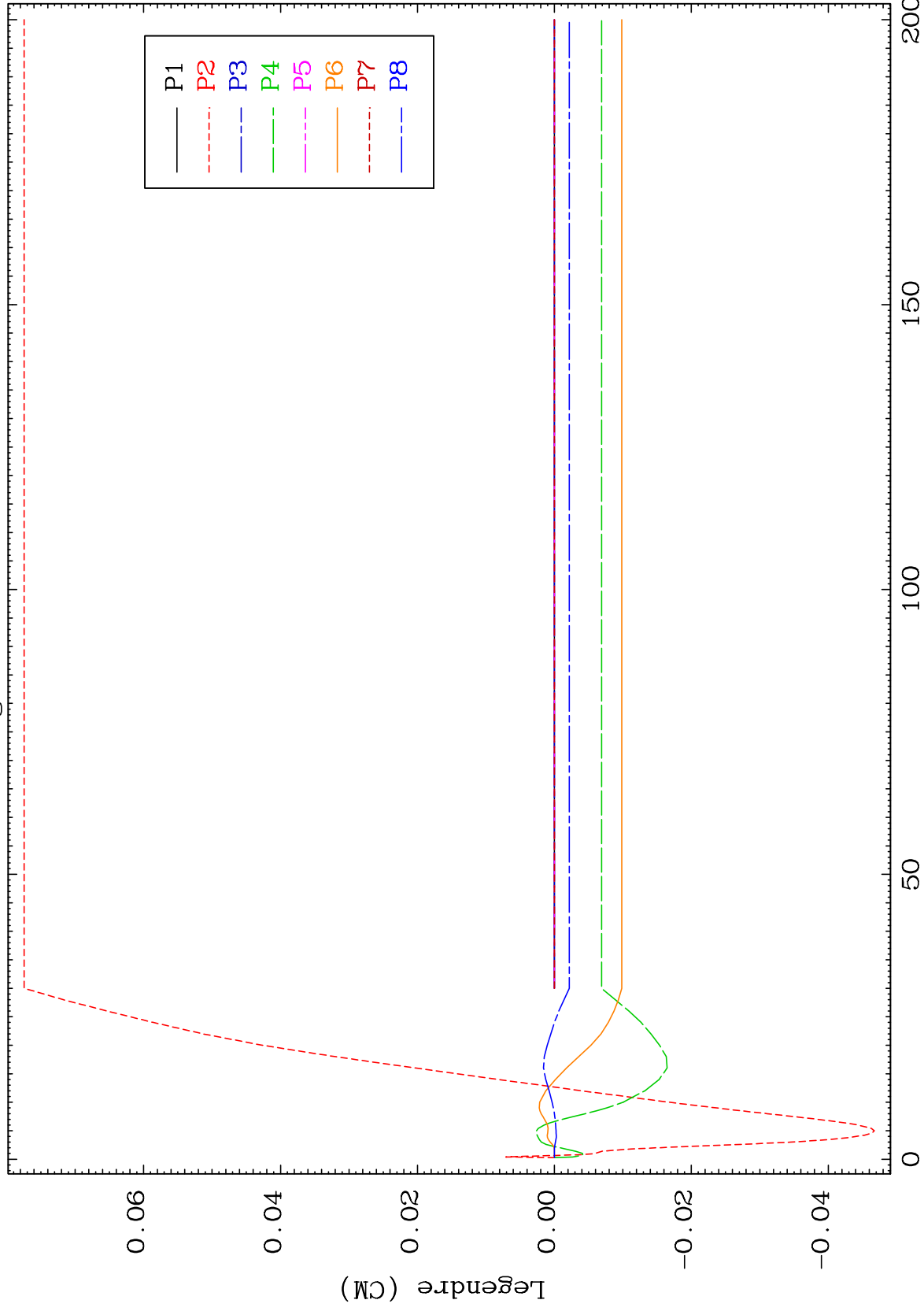
30



MAT 5622

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

56-Ba-129



56-Ba-129

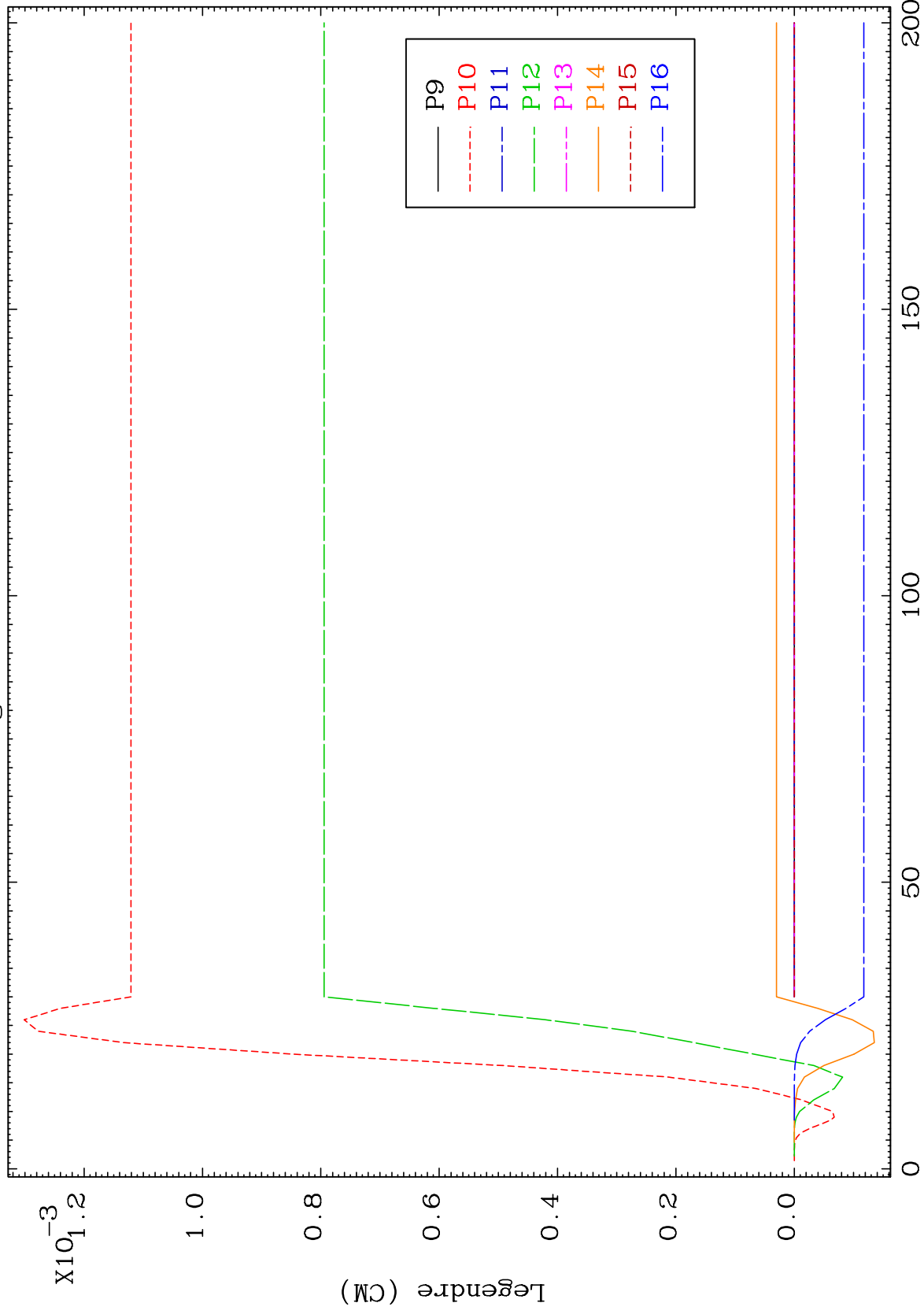
Incident Energy (MeV)

32

MAT 5622

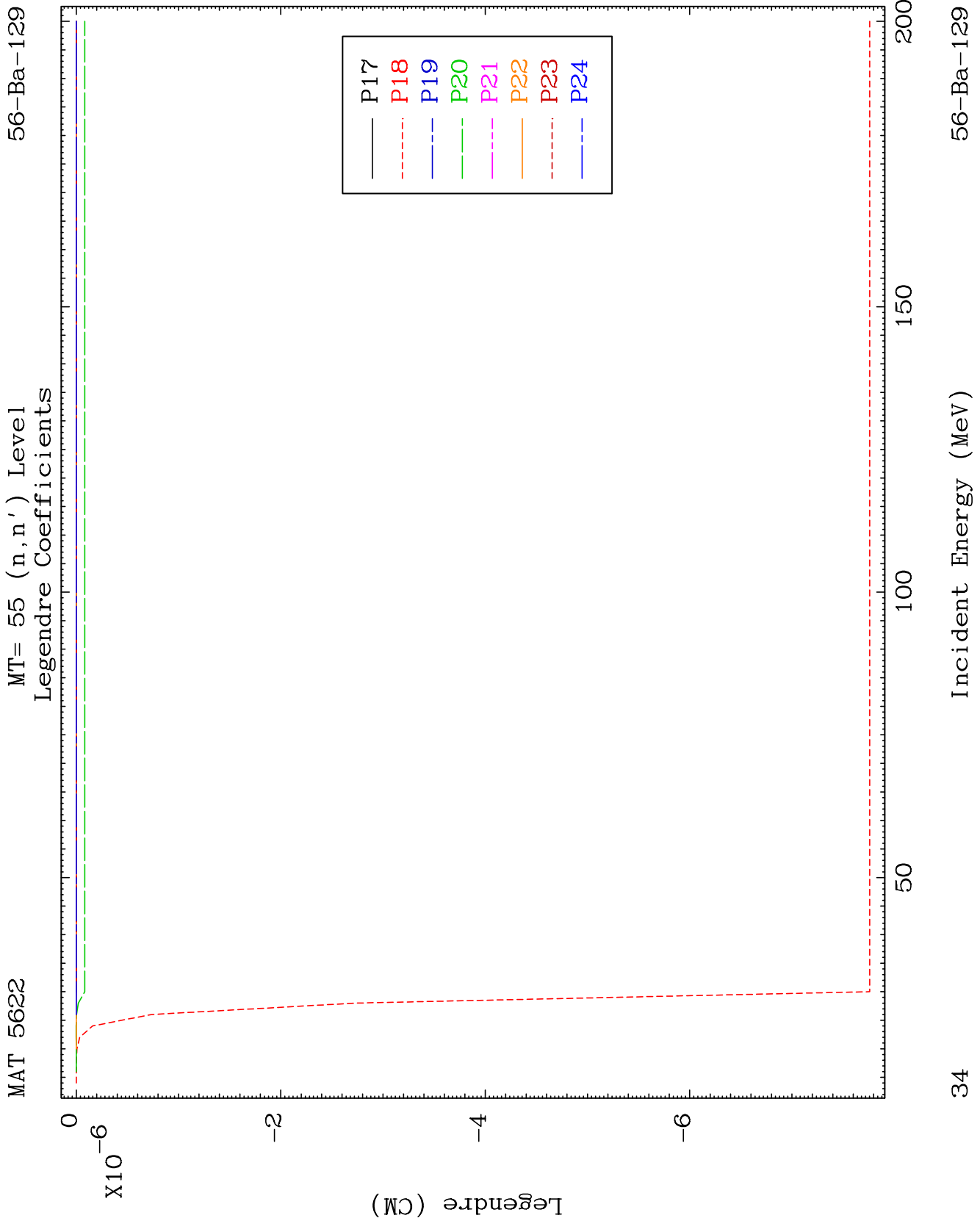
MT= 55 (n,n') Level
Legendre Coefficients

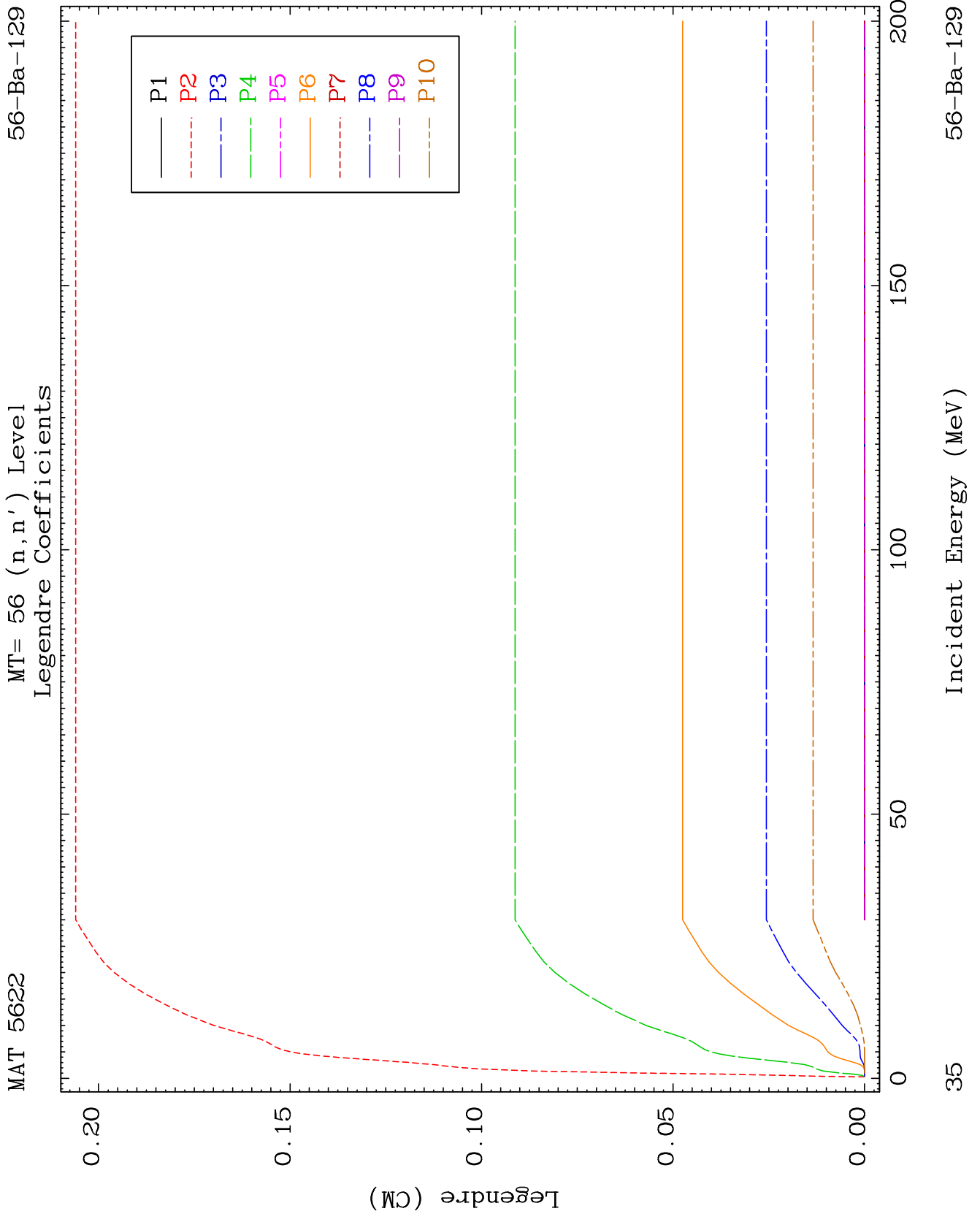
56-Ba-129



33

56-Ba-129

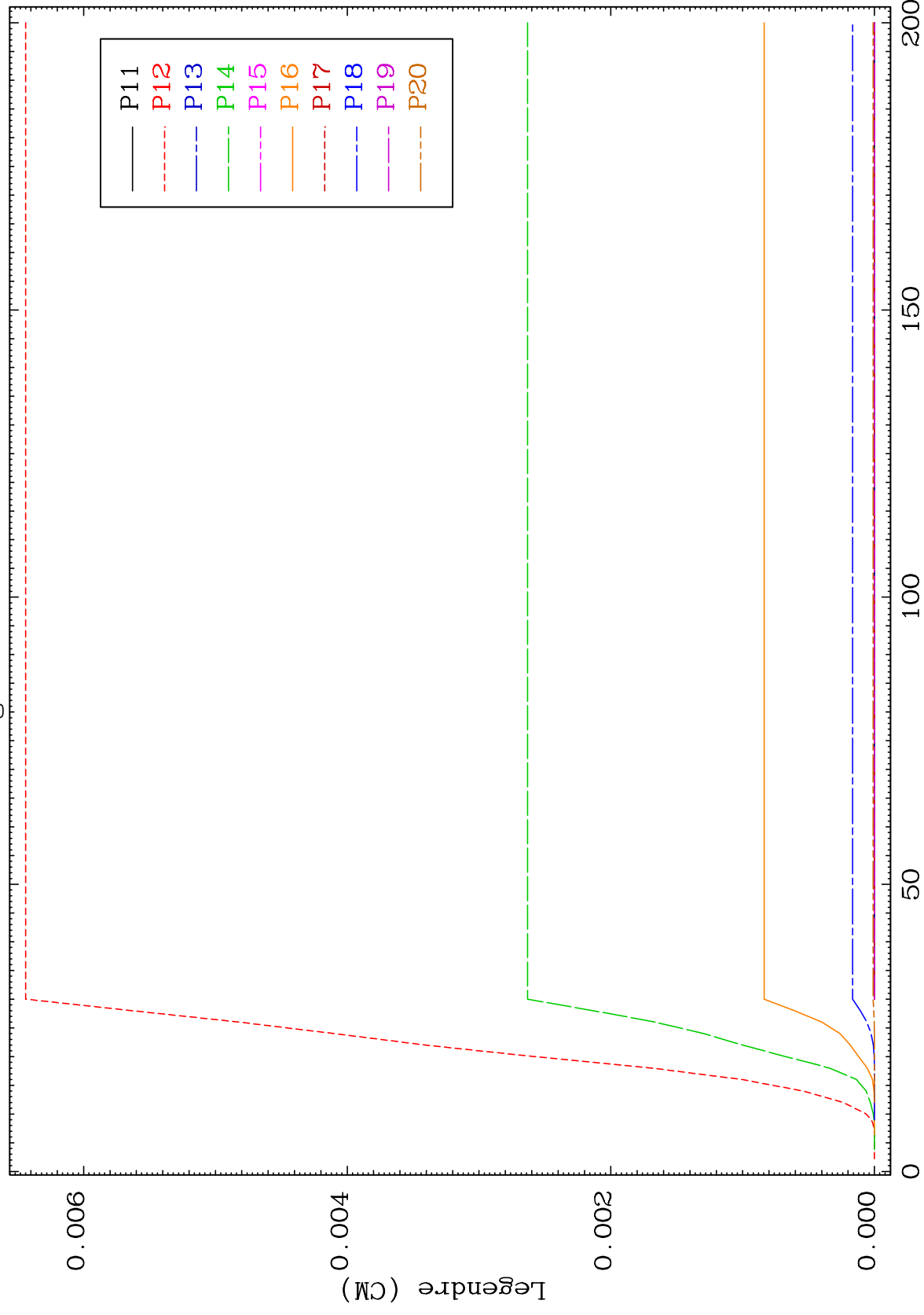




MAT 56222

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

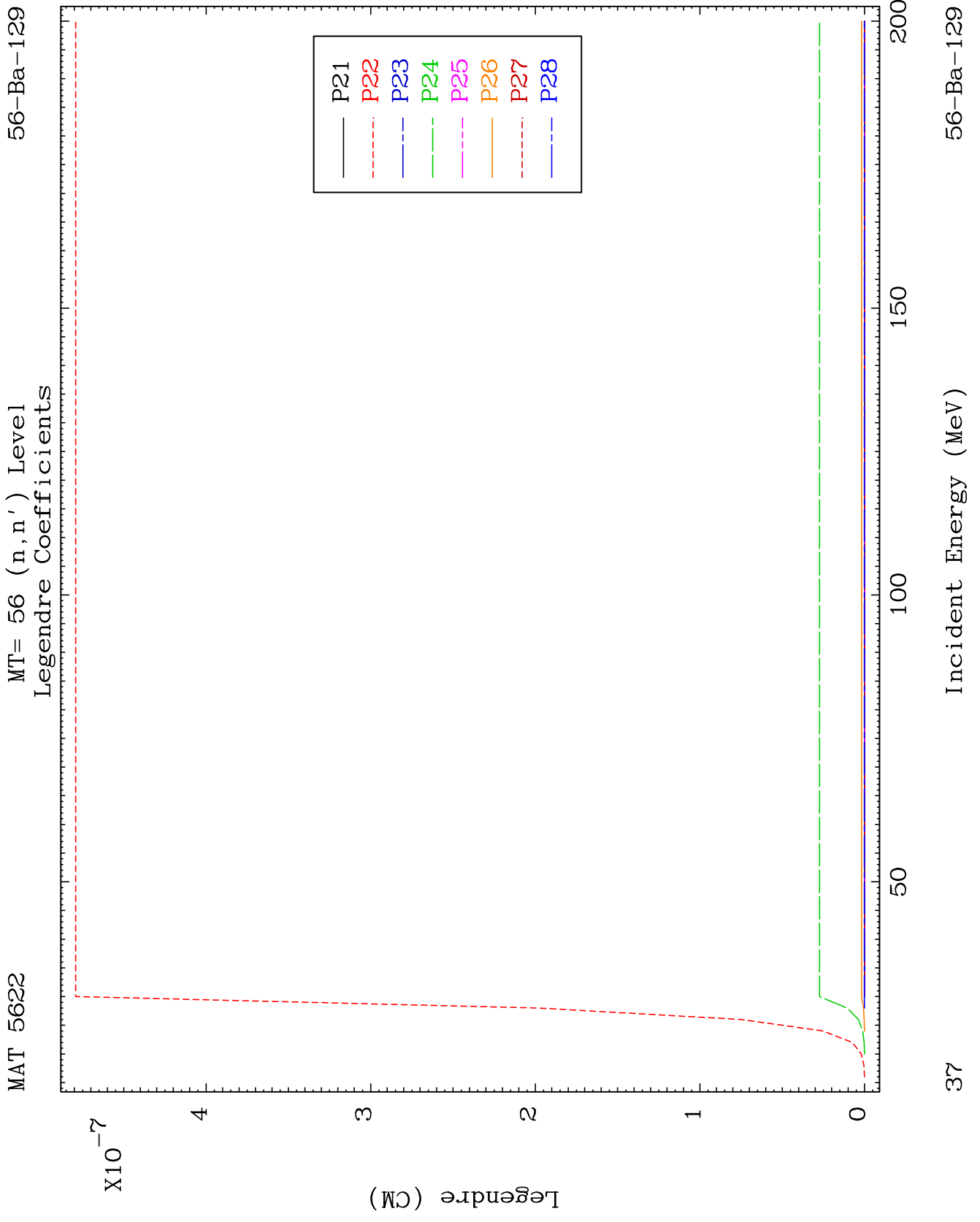
56-Ba-129



36

Incident Energy (MeV)

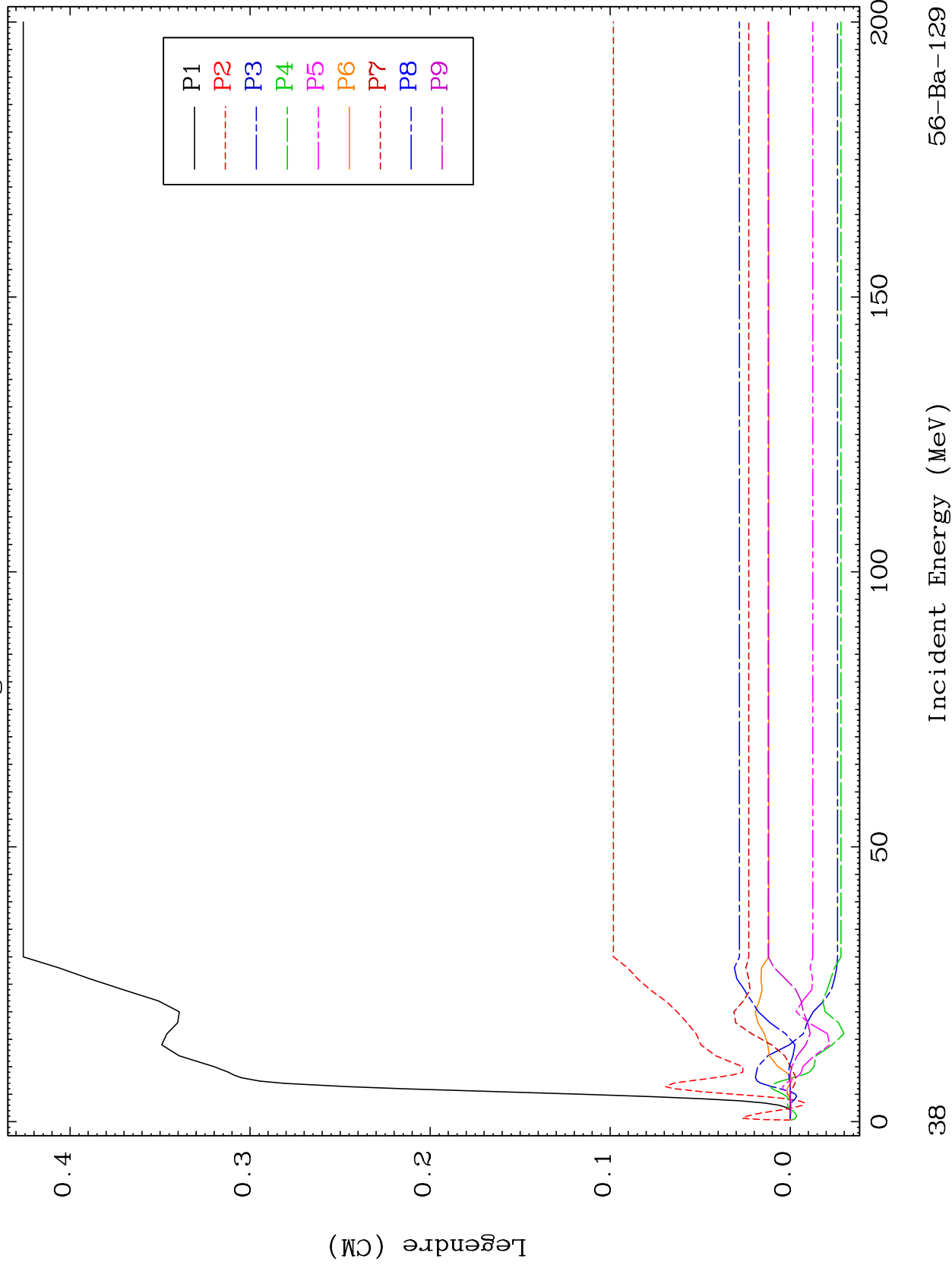
56-Ba-129



MAT 5622

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

56-Ba-129



56-Ba-129

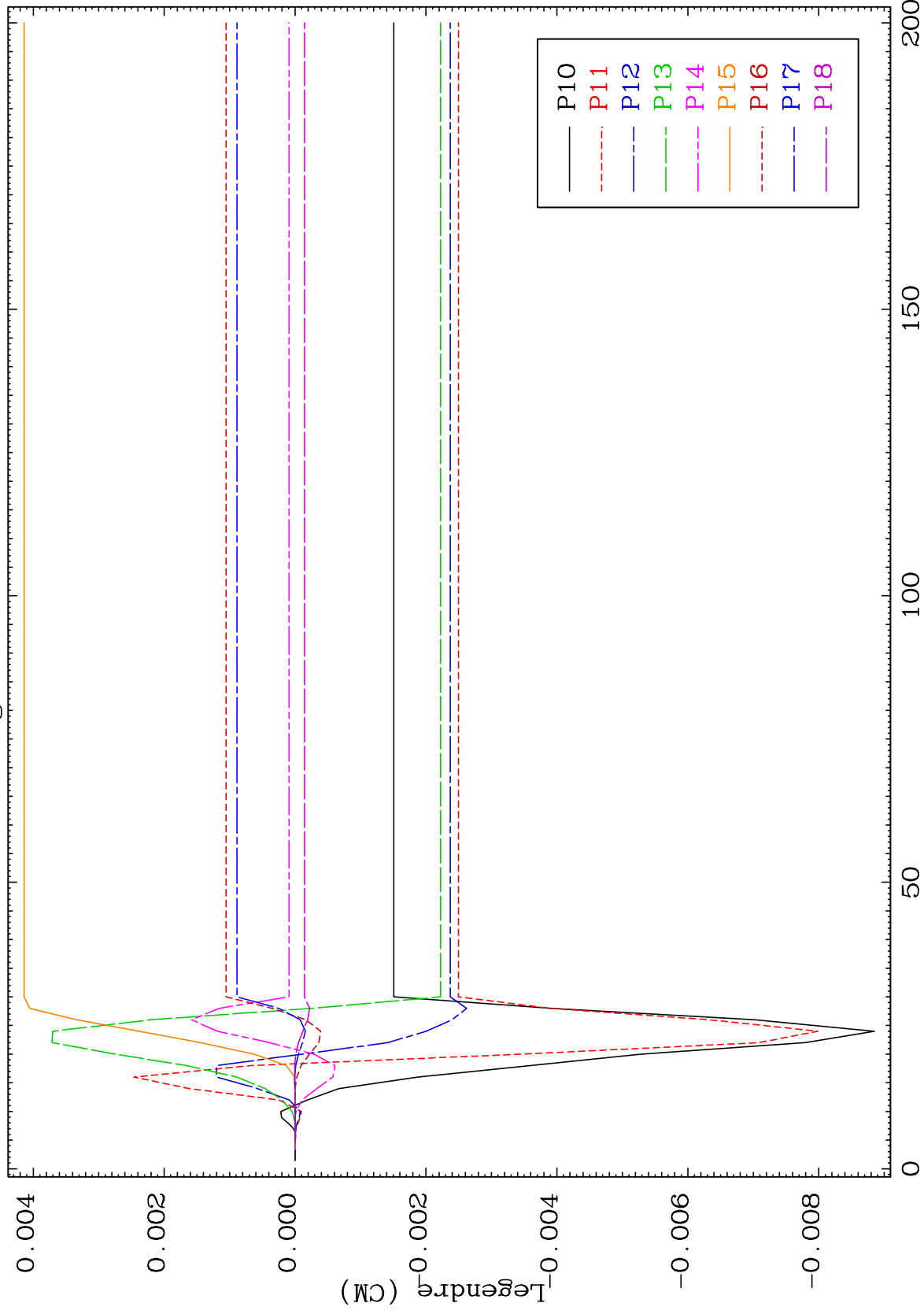
Incident Energy (MeV)

38

MAT 5622

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

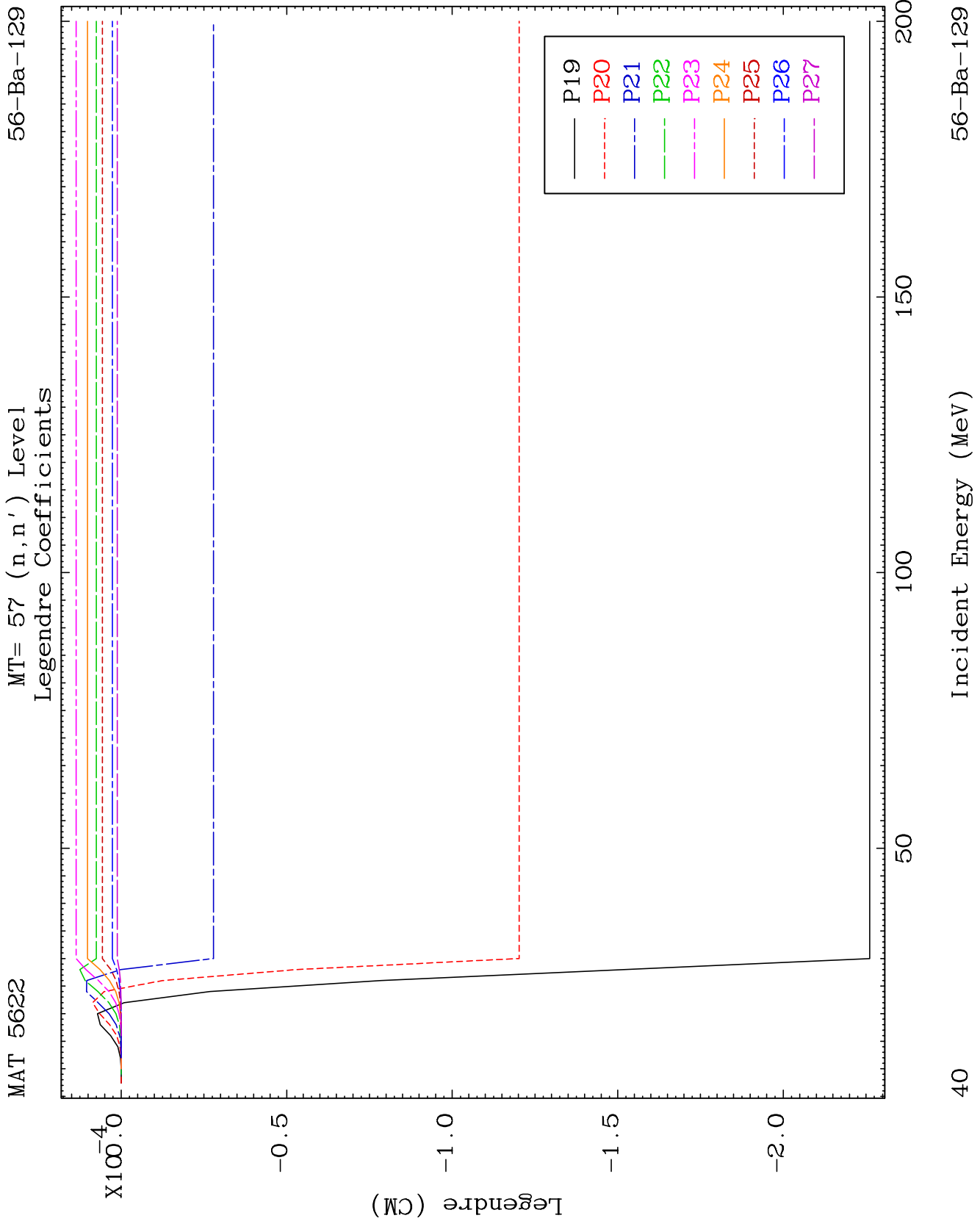
56-Ba-129



39

Incident Energy (MeV)

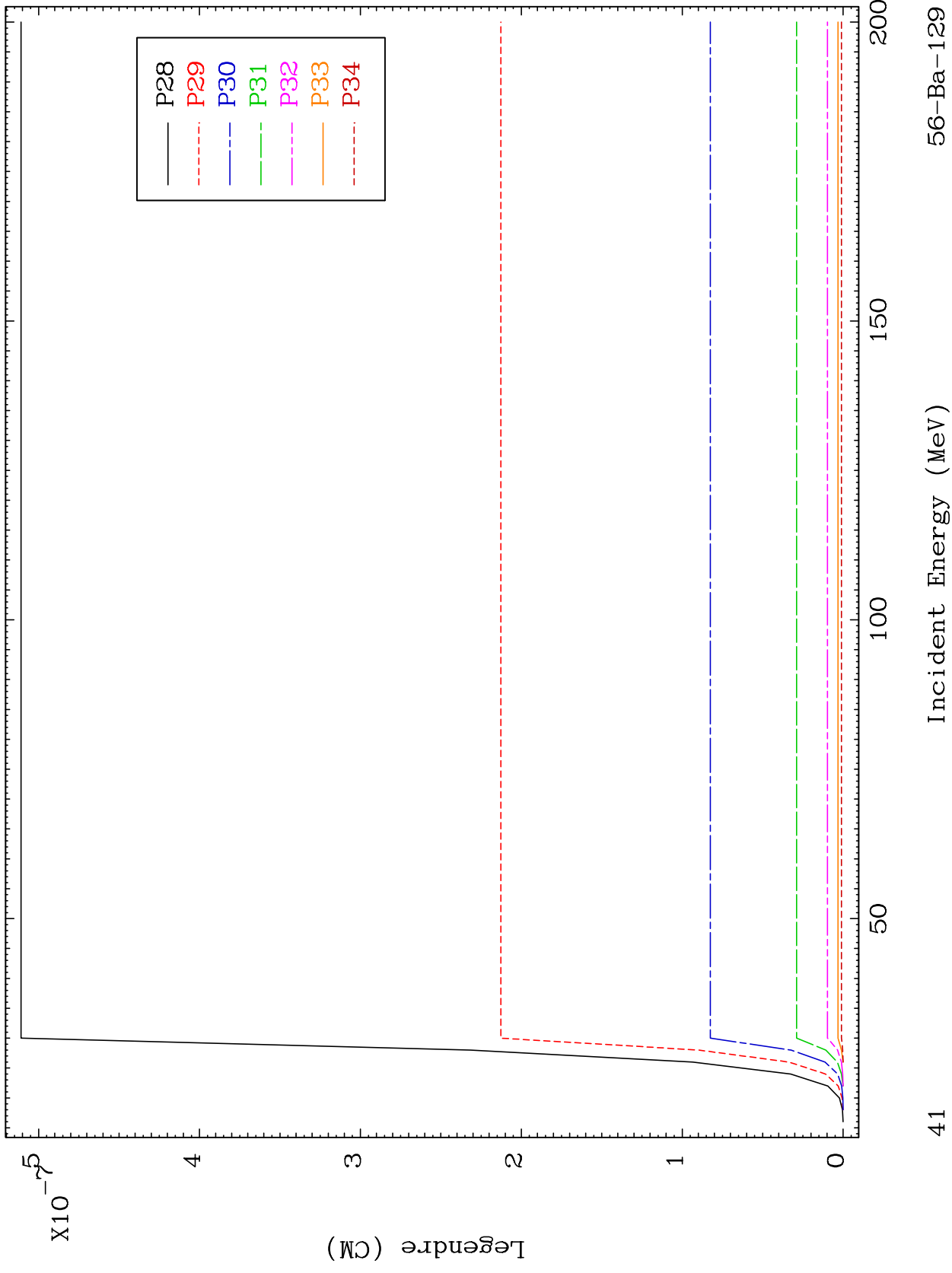
56-Ba-129



MAT 5622

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

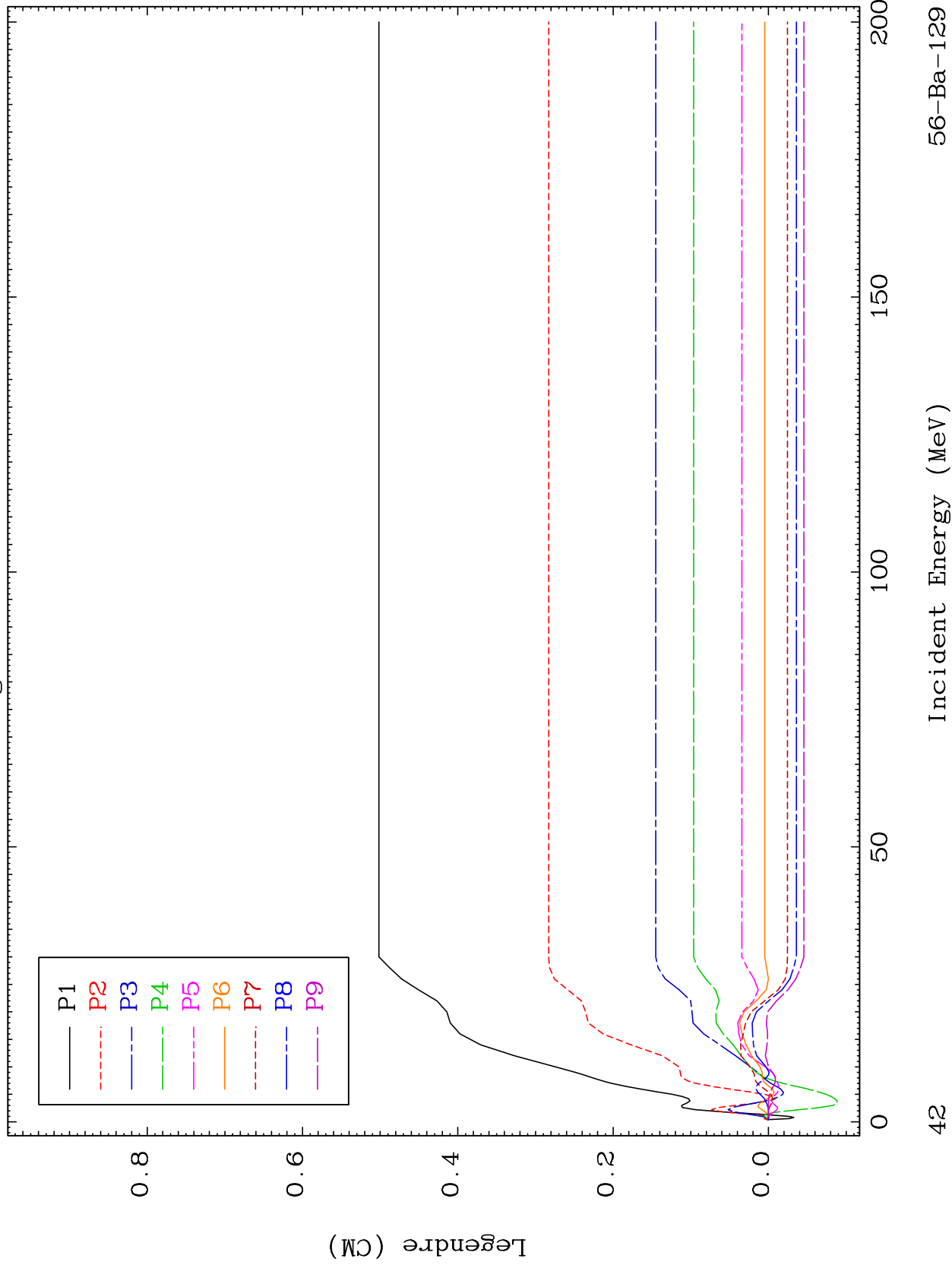
56-Ba-129



MAT 5622

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

56-Ba-129



56-Ba-129

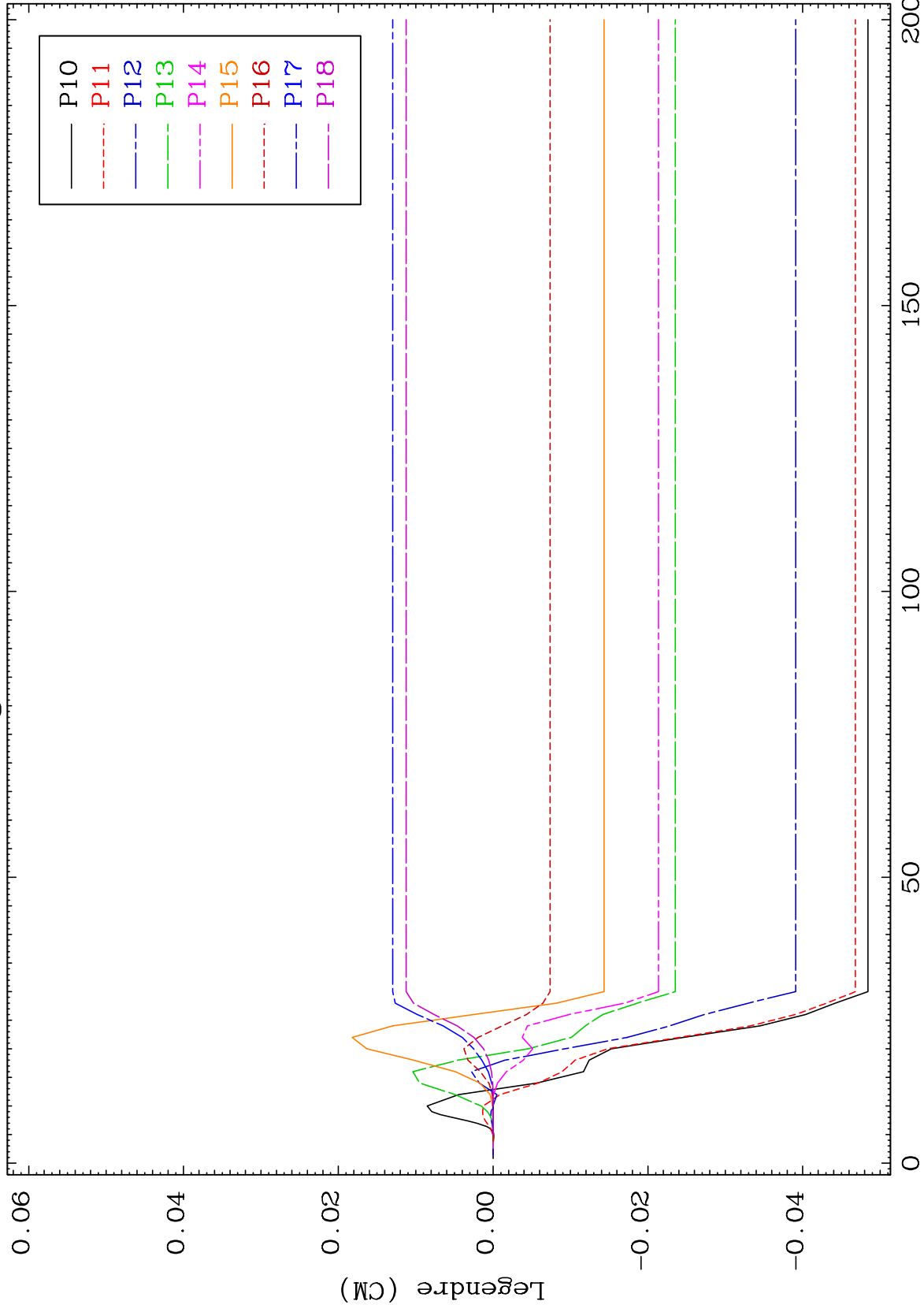
Incident Energy (MeV)

42

MAT 5622

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

56-Ba-129



43

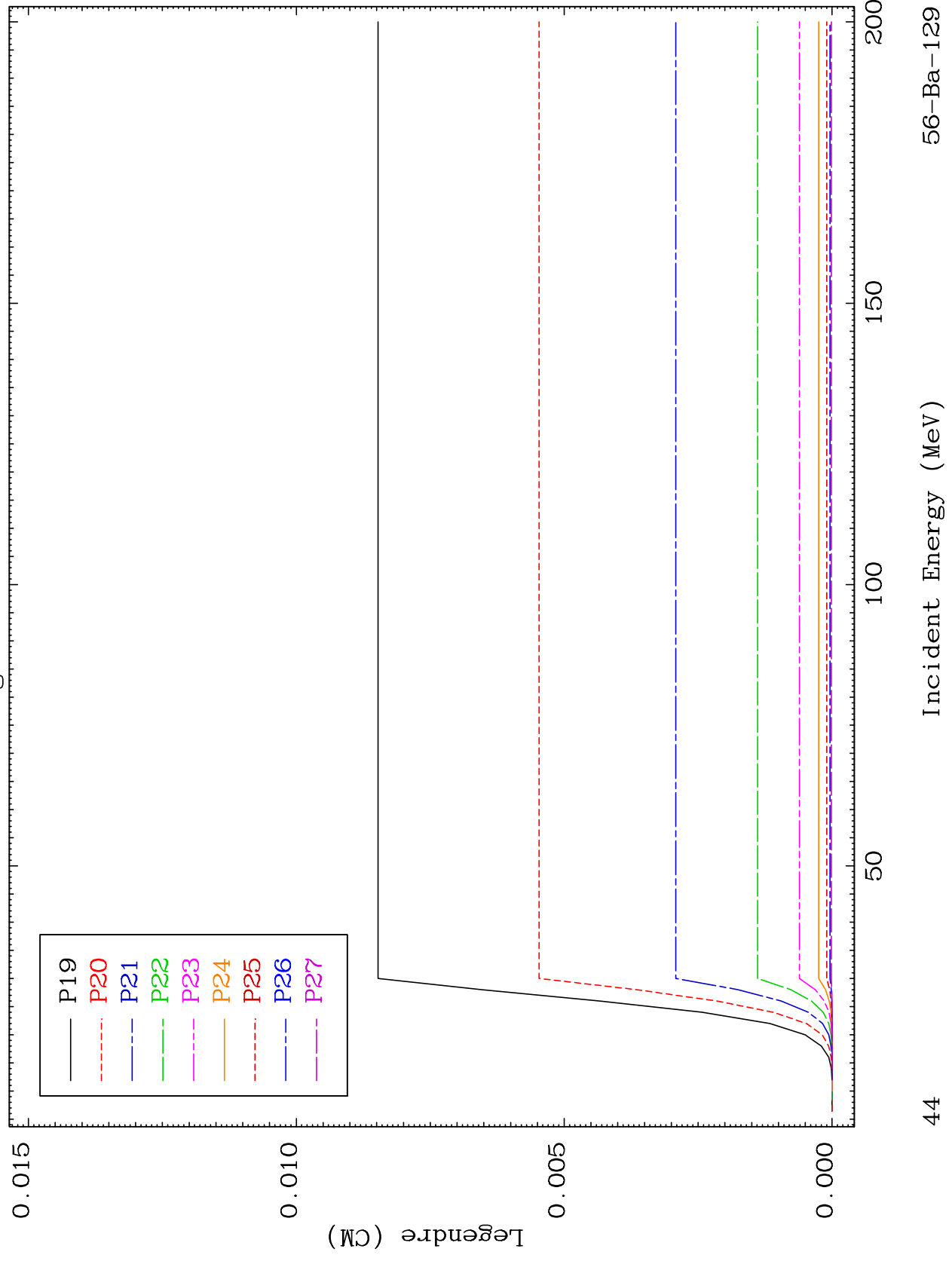
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

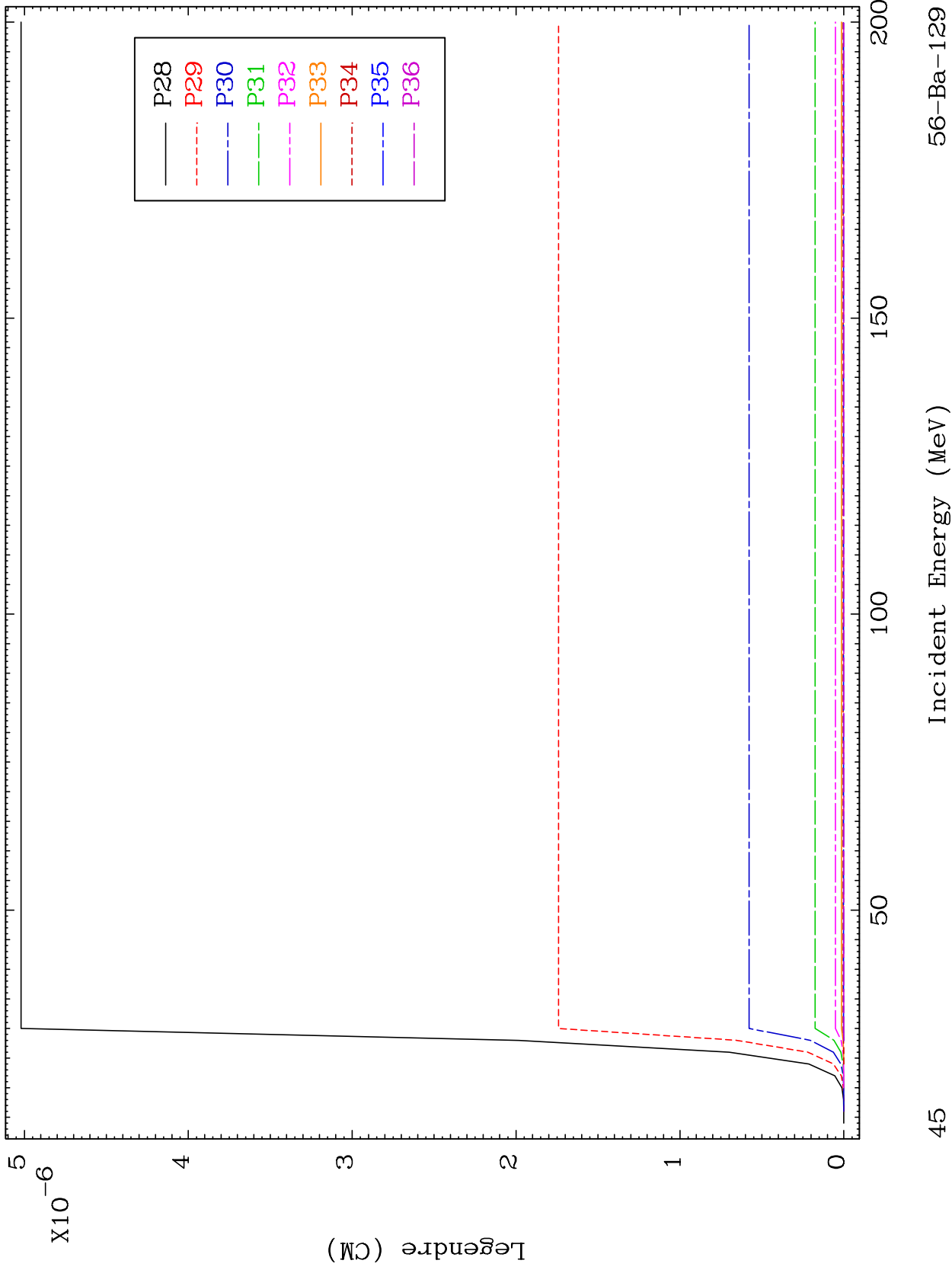
56-Ba-129



MAT 5622

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

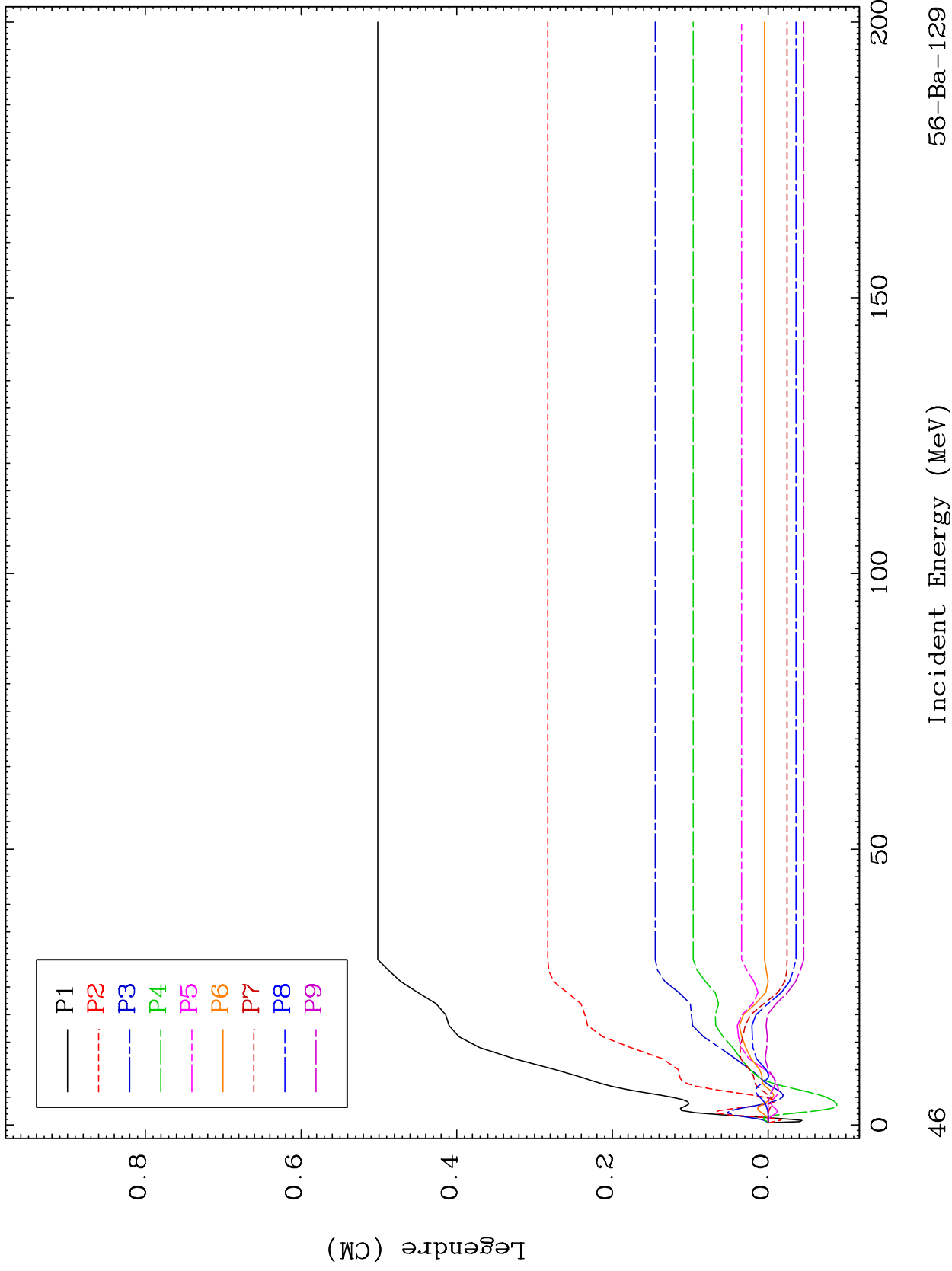
56-Ba-129



MAT 5622

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

56-Ba-129



56-Ba-129

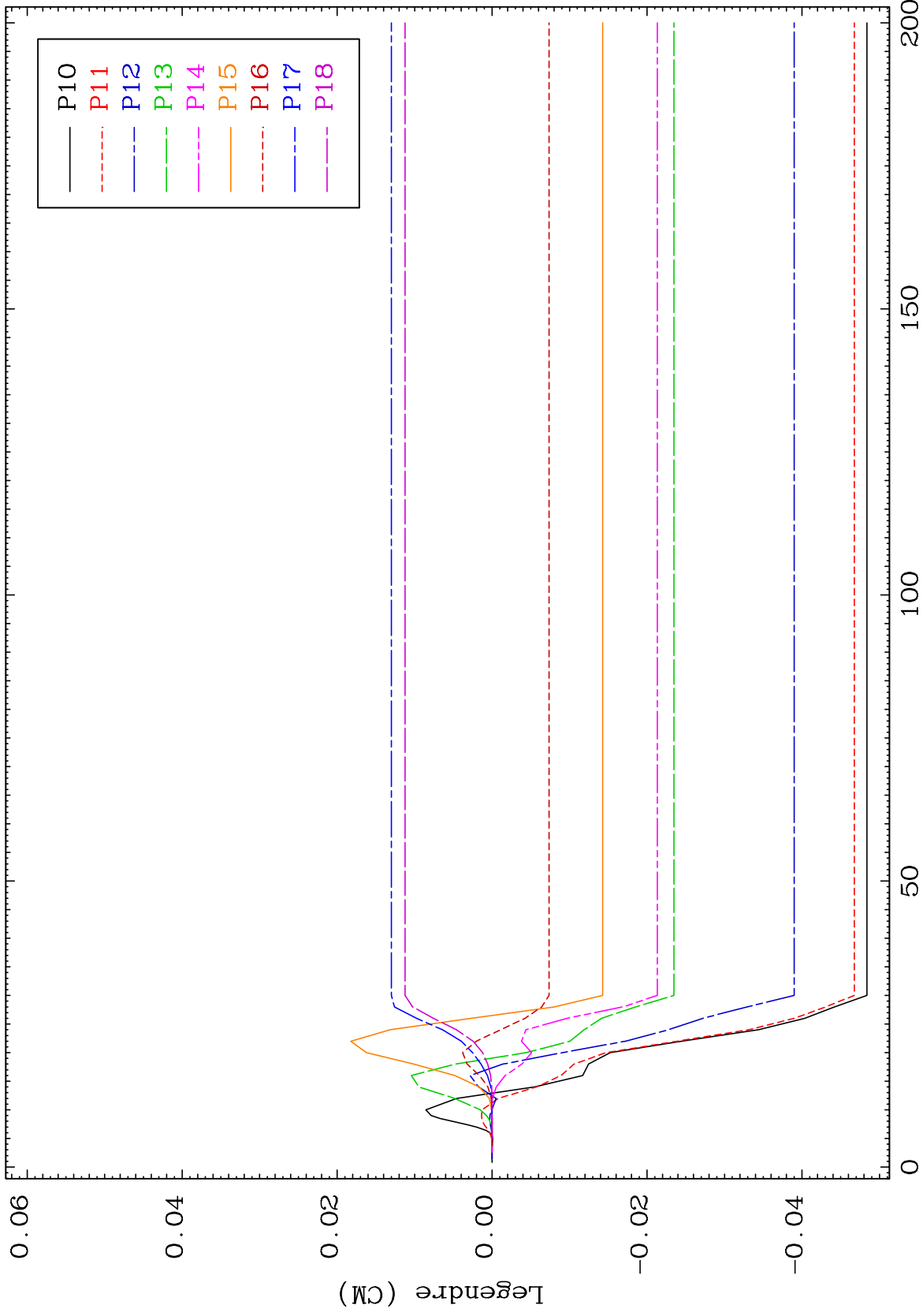
Incident Energy (MeV)

46

MAT 5622

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

56-Ba-129



47

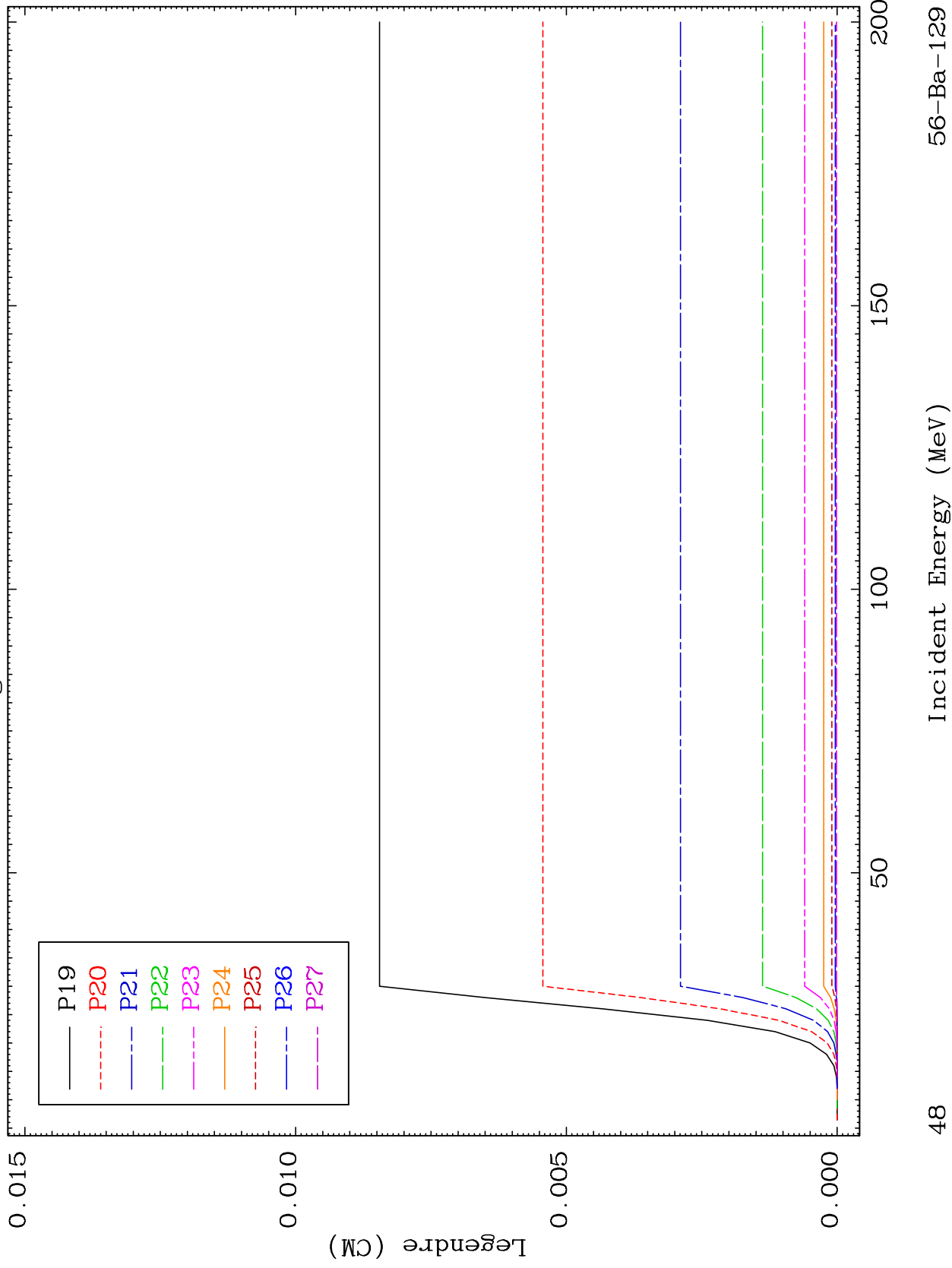
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

56-Ba-129



48

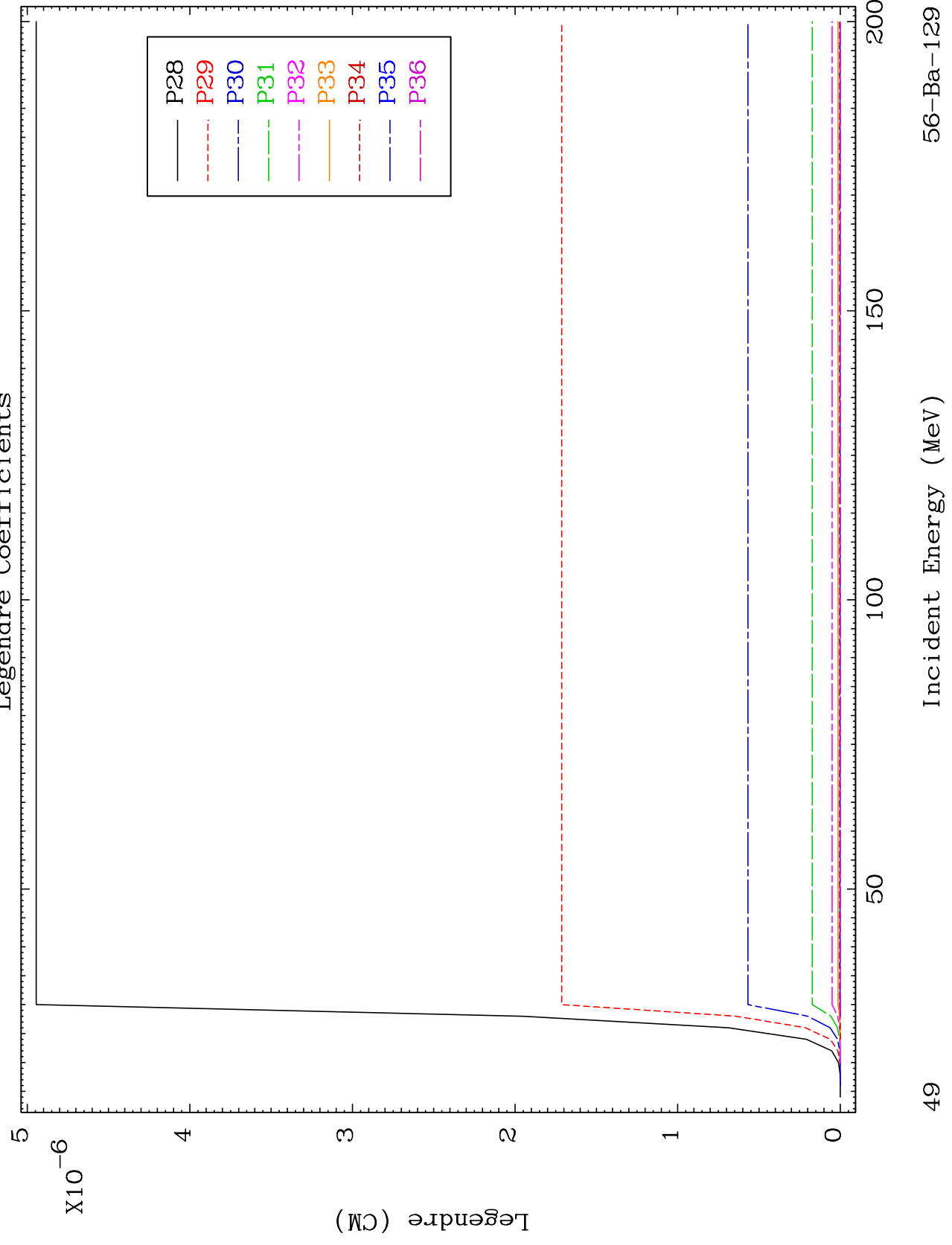
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

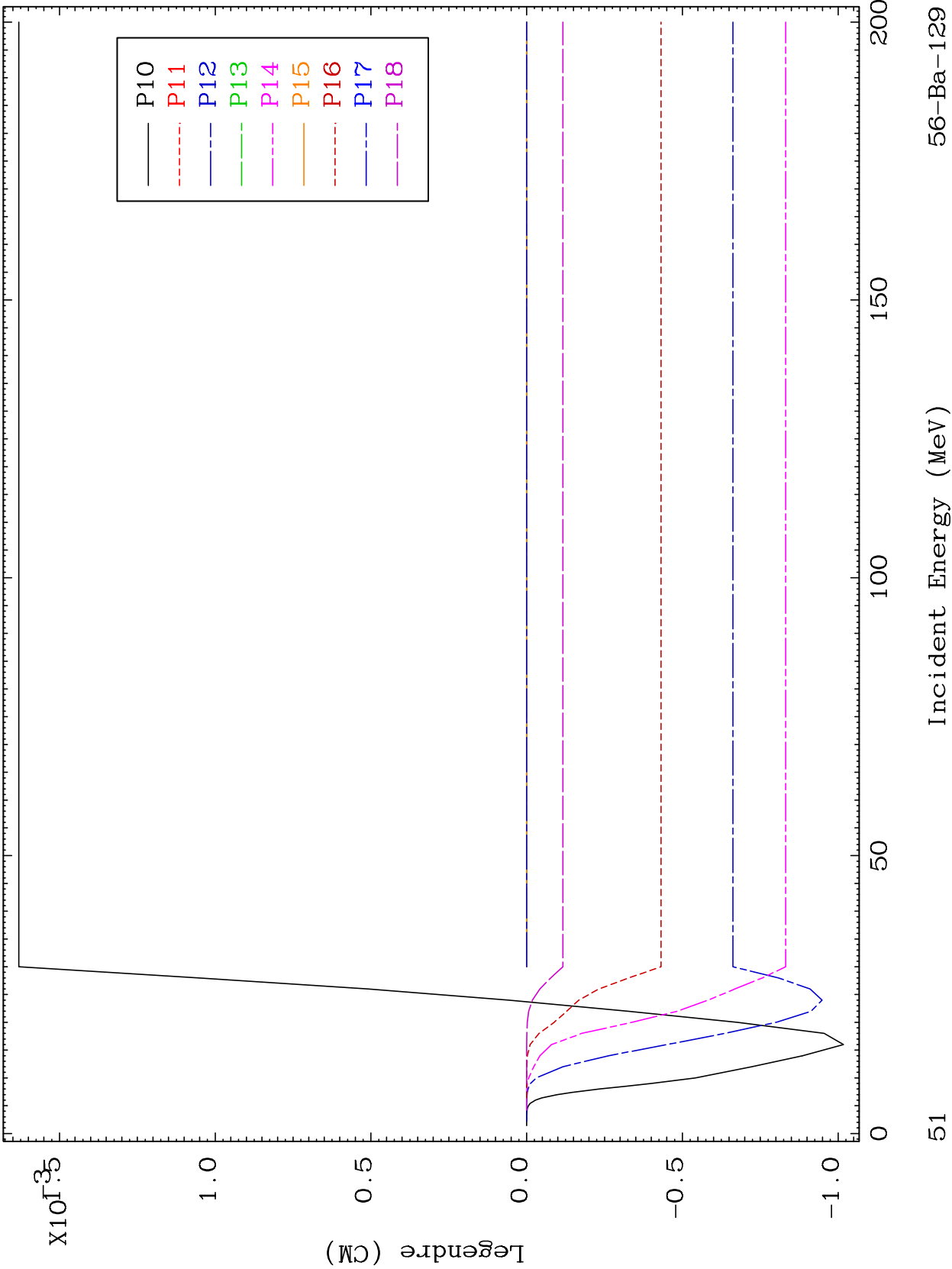
56-Ba-129

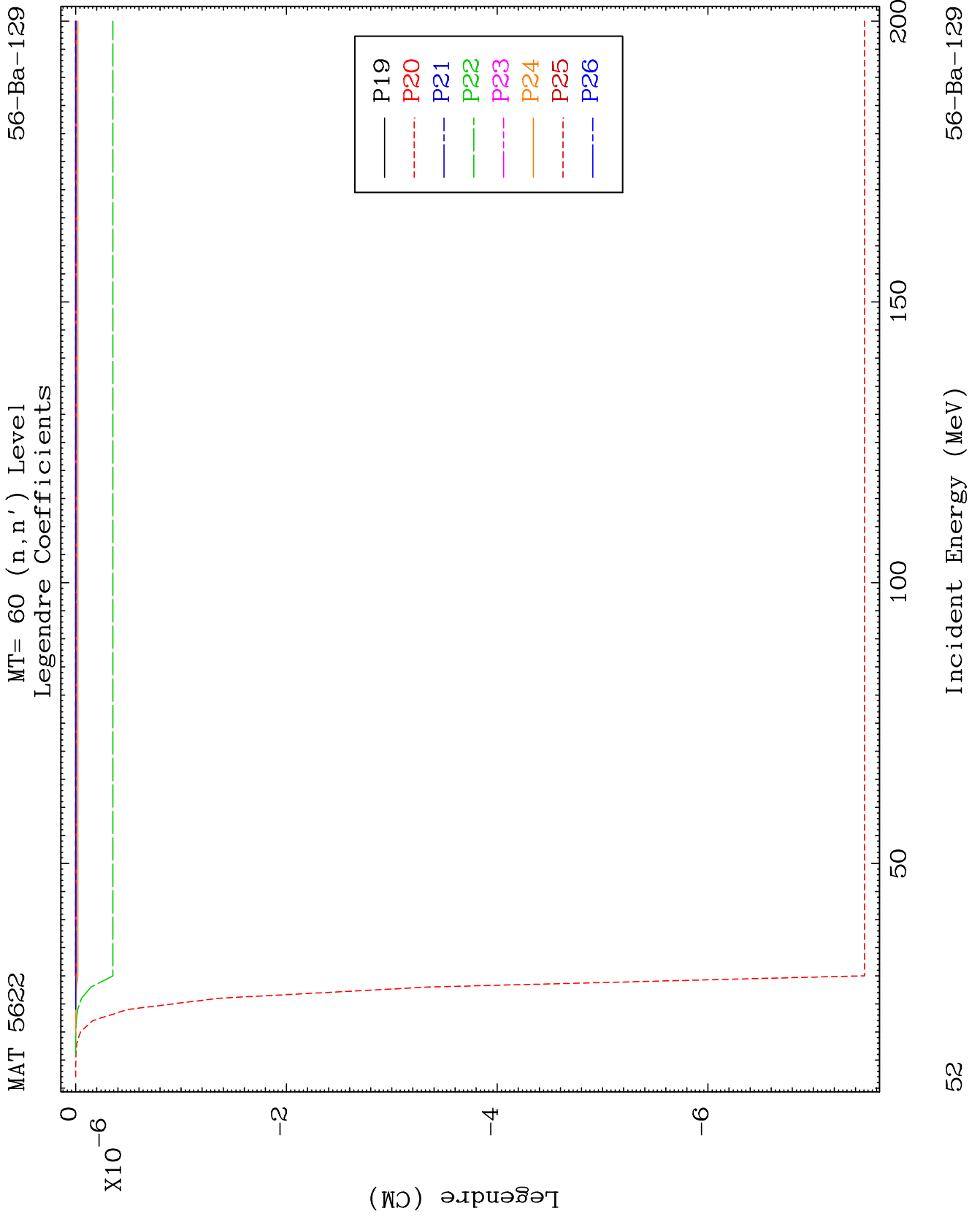


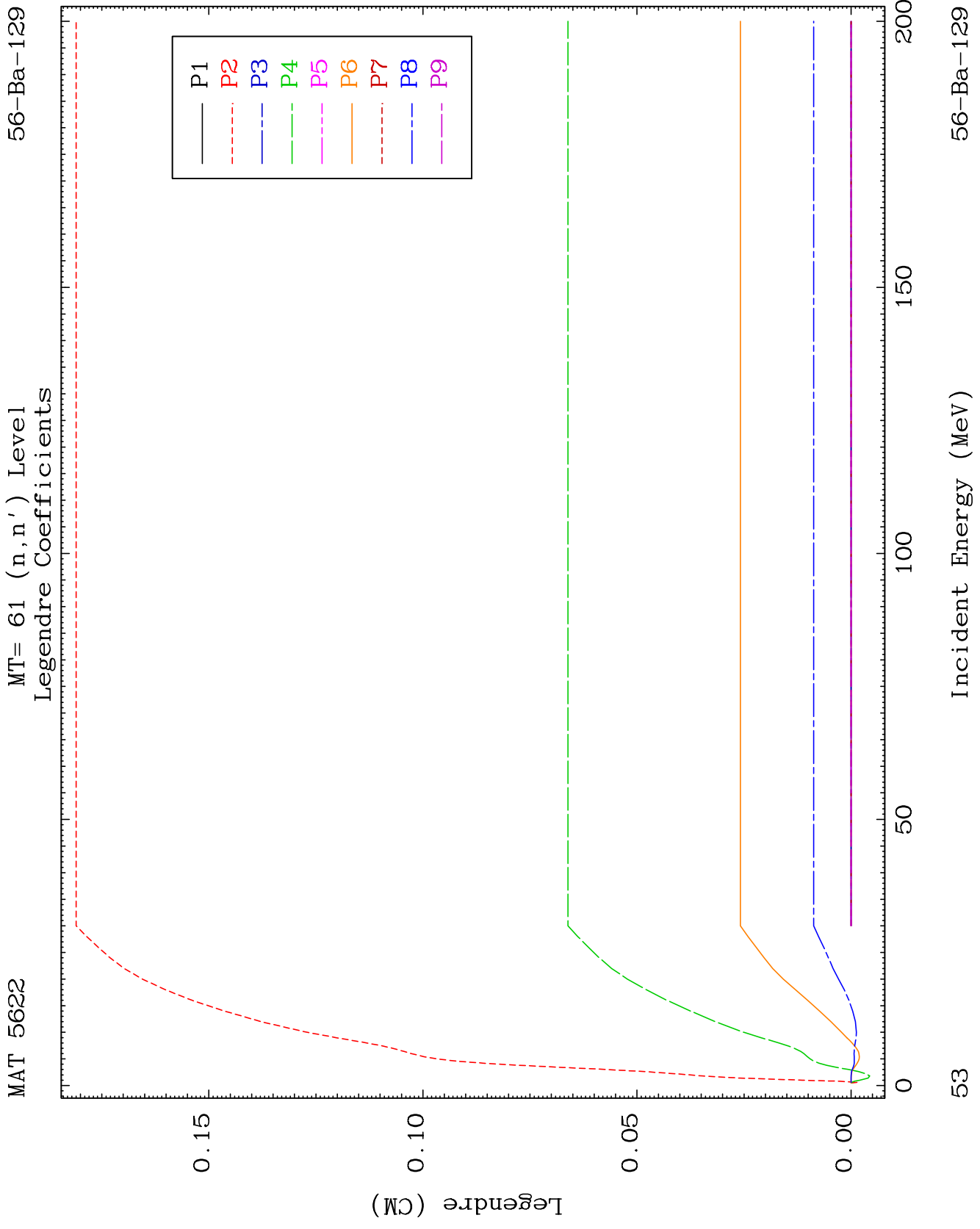
49

Incident Energy (MeV)

56-Ba-129



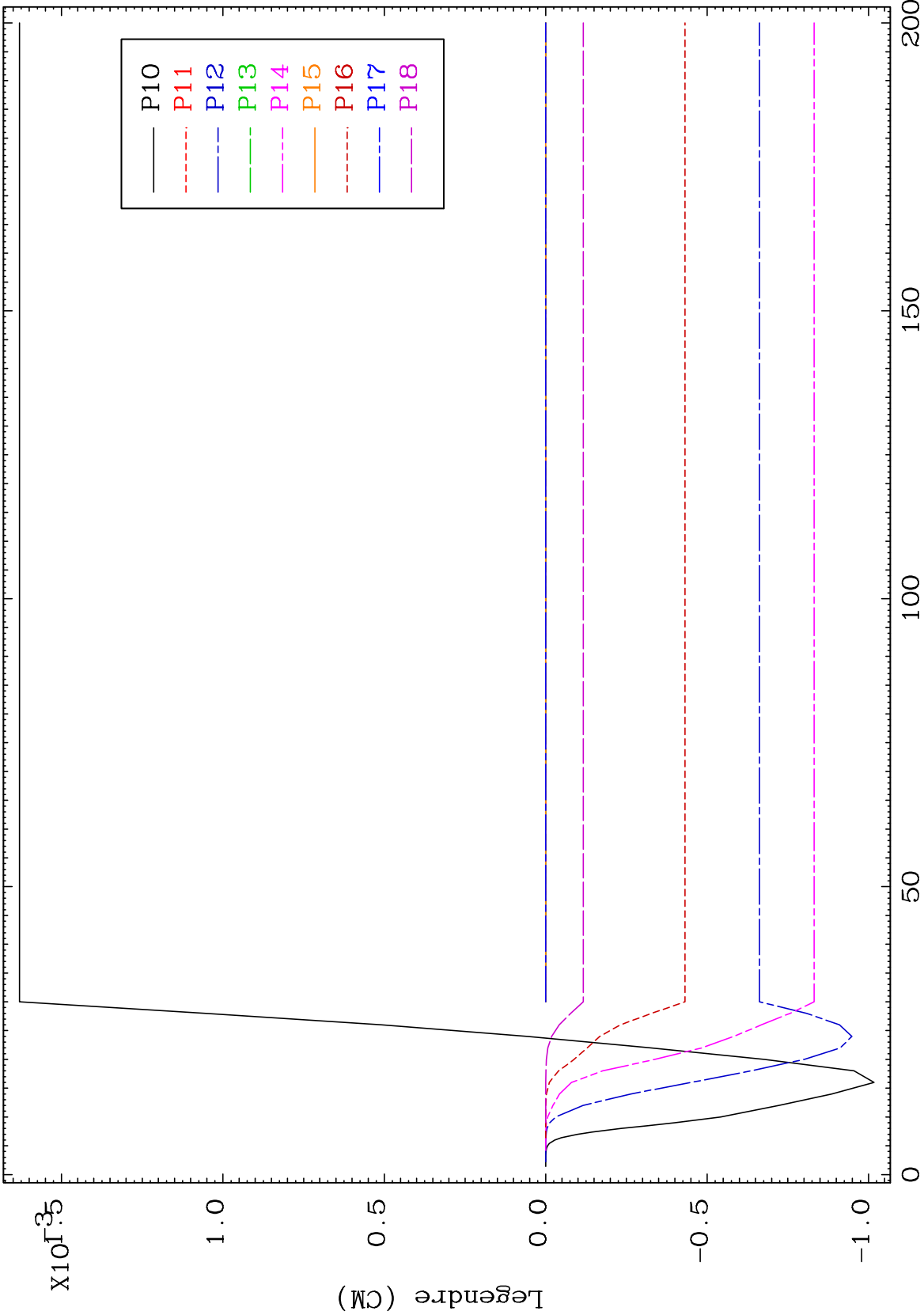




MAT 5622

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

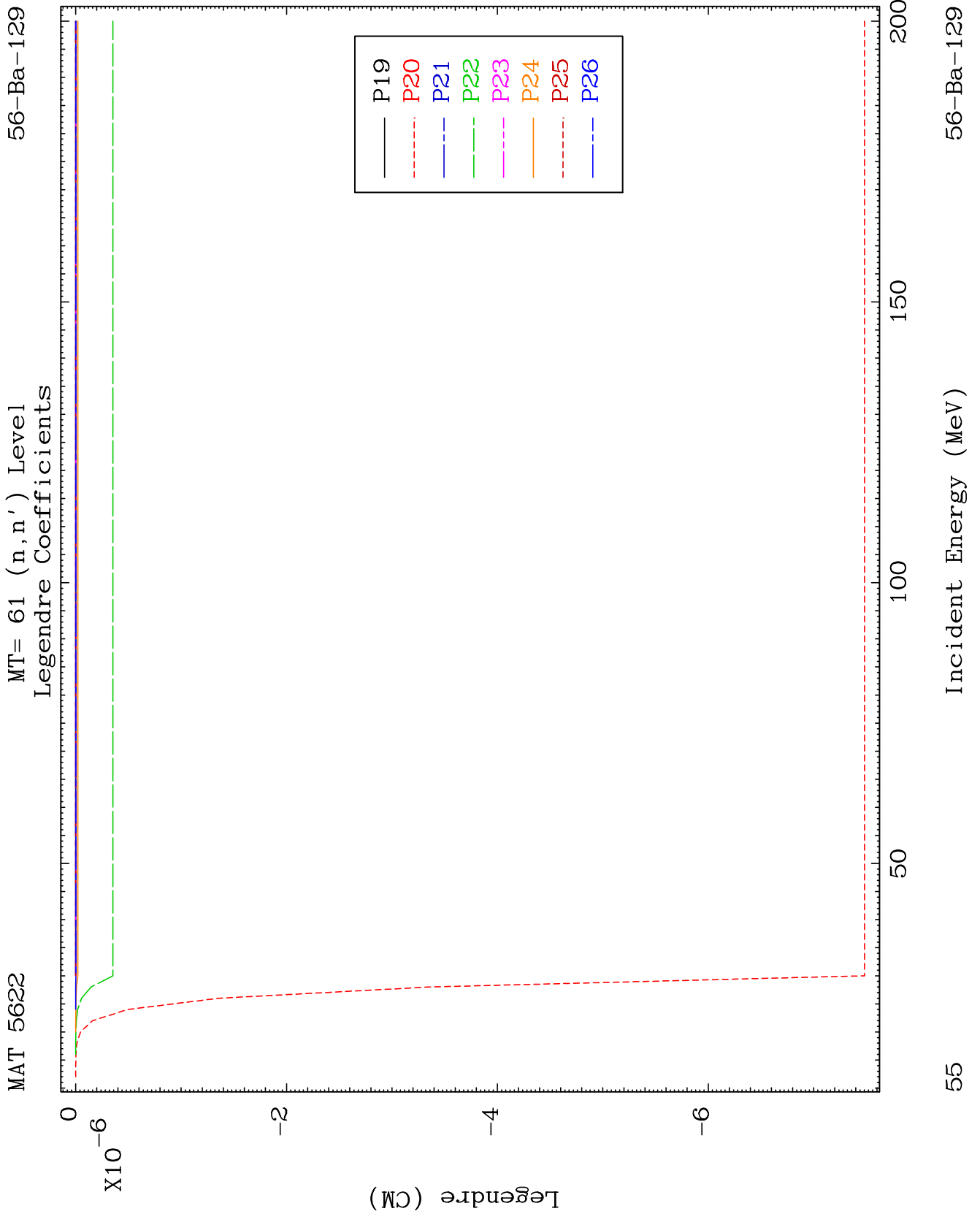
56-Ba-129

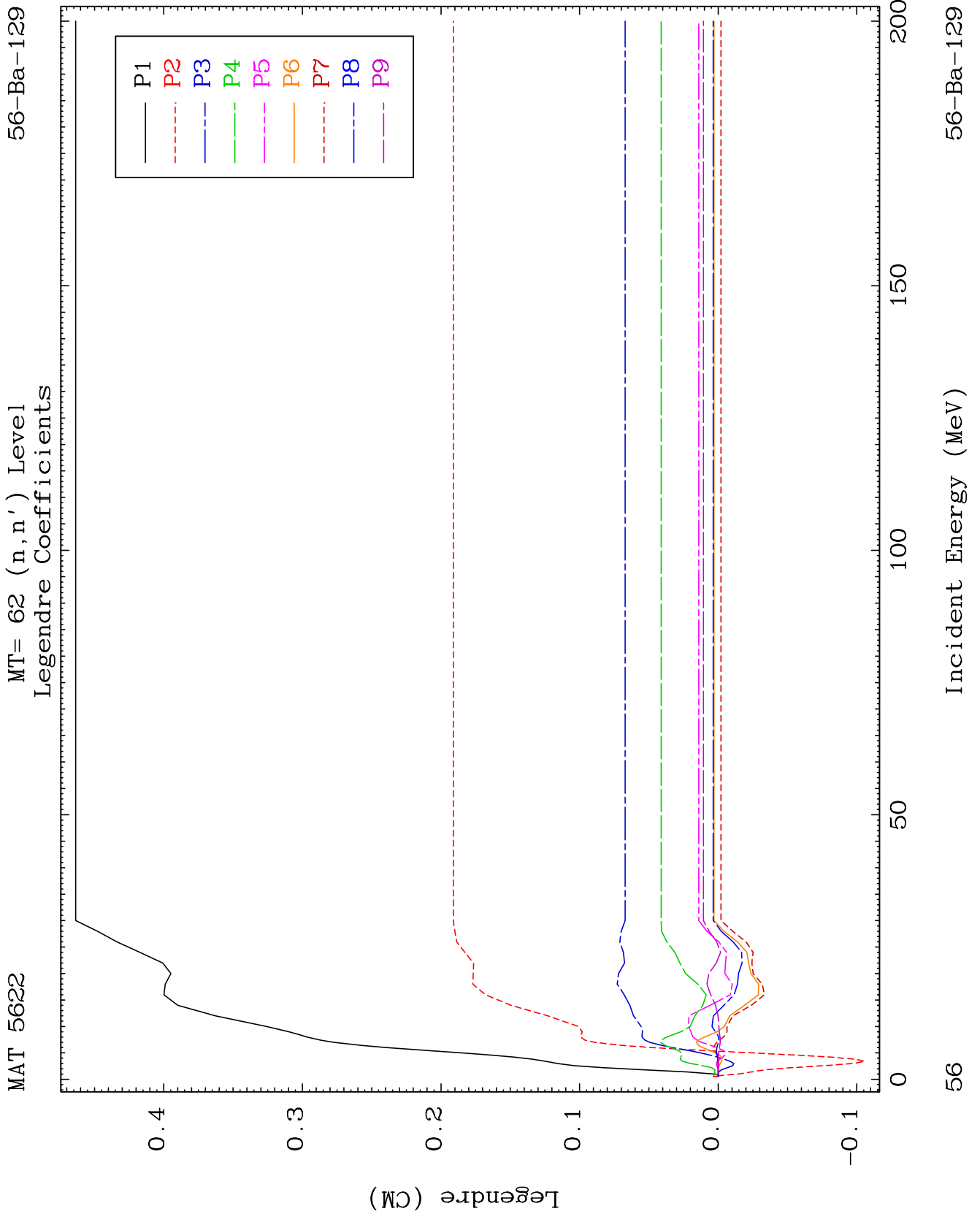


54

Incident Energy (MeV)

56-Ba-129

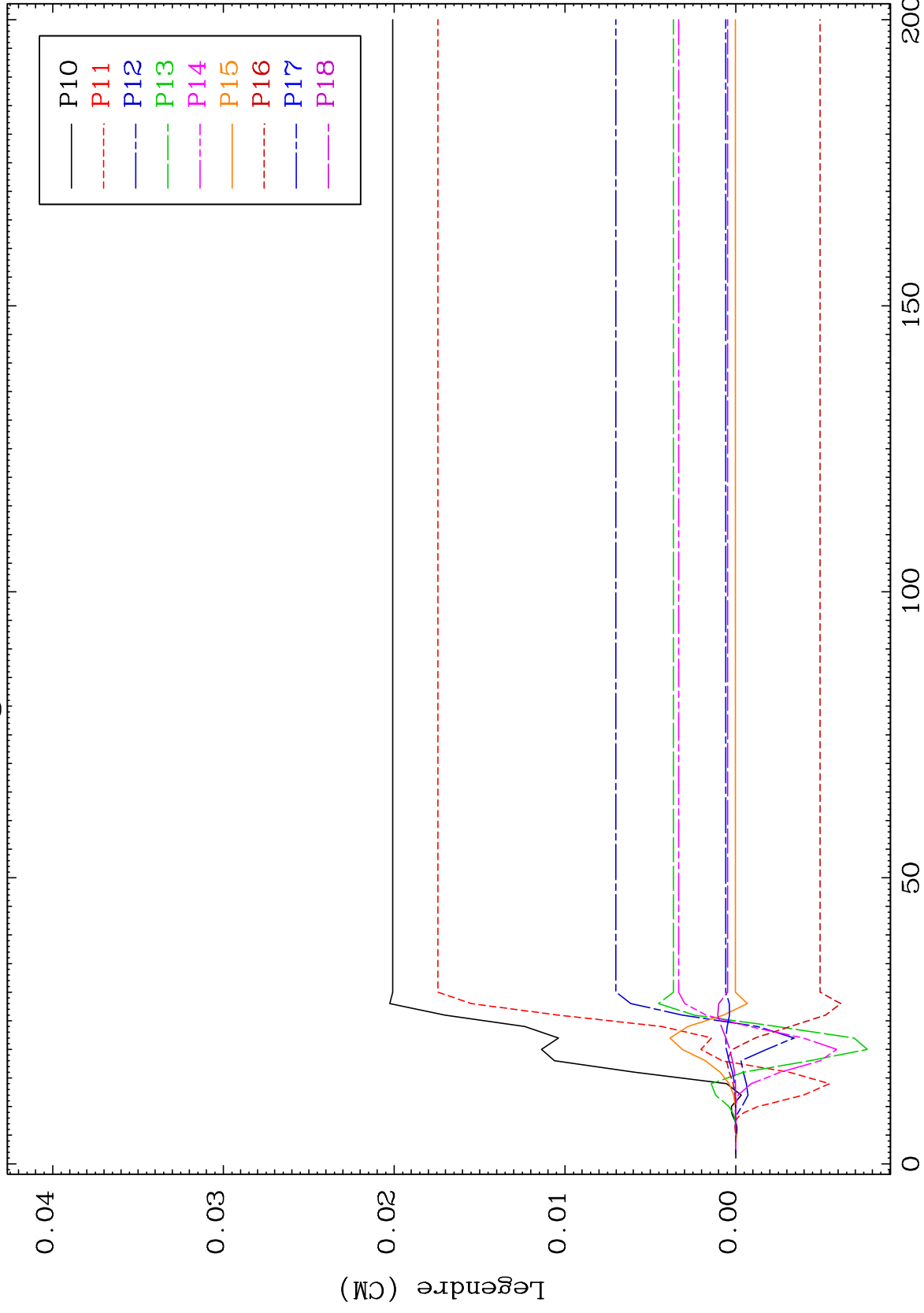




MAT 5622

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

56-Ba-129



57

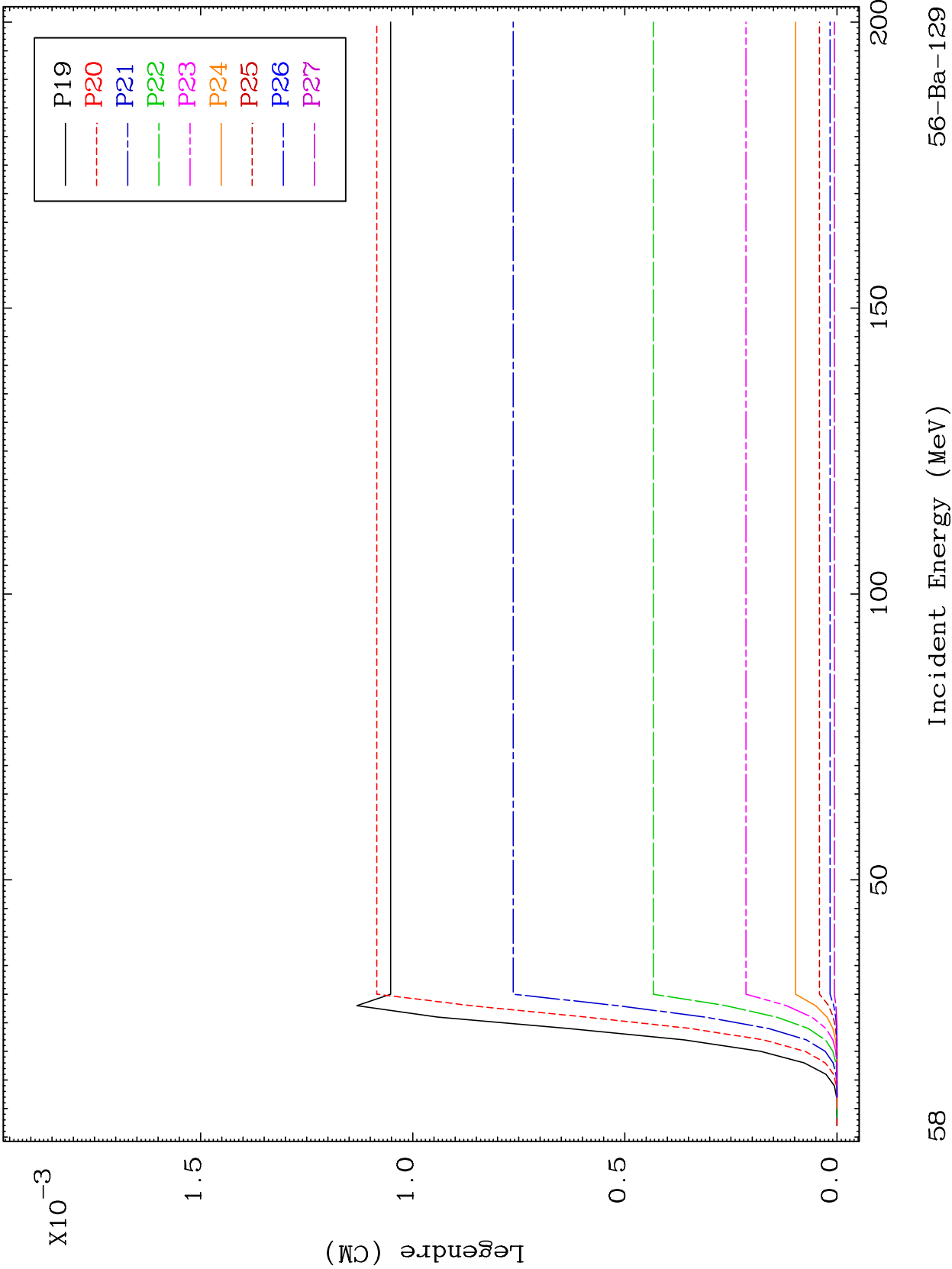
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

56-Ba-129



58

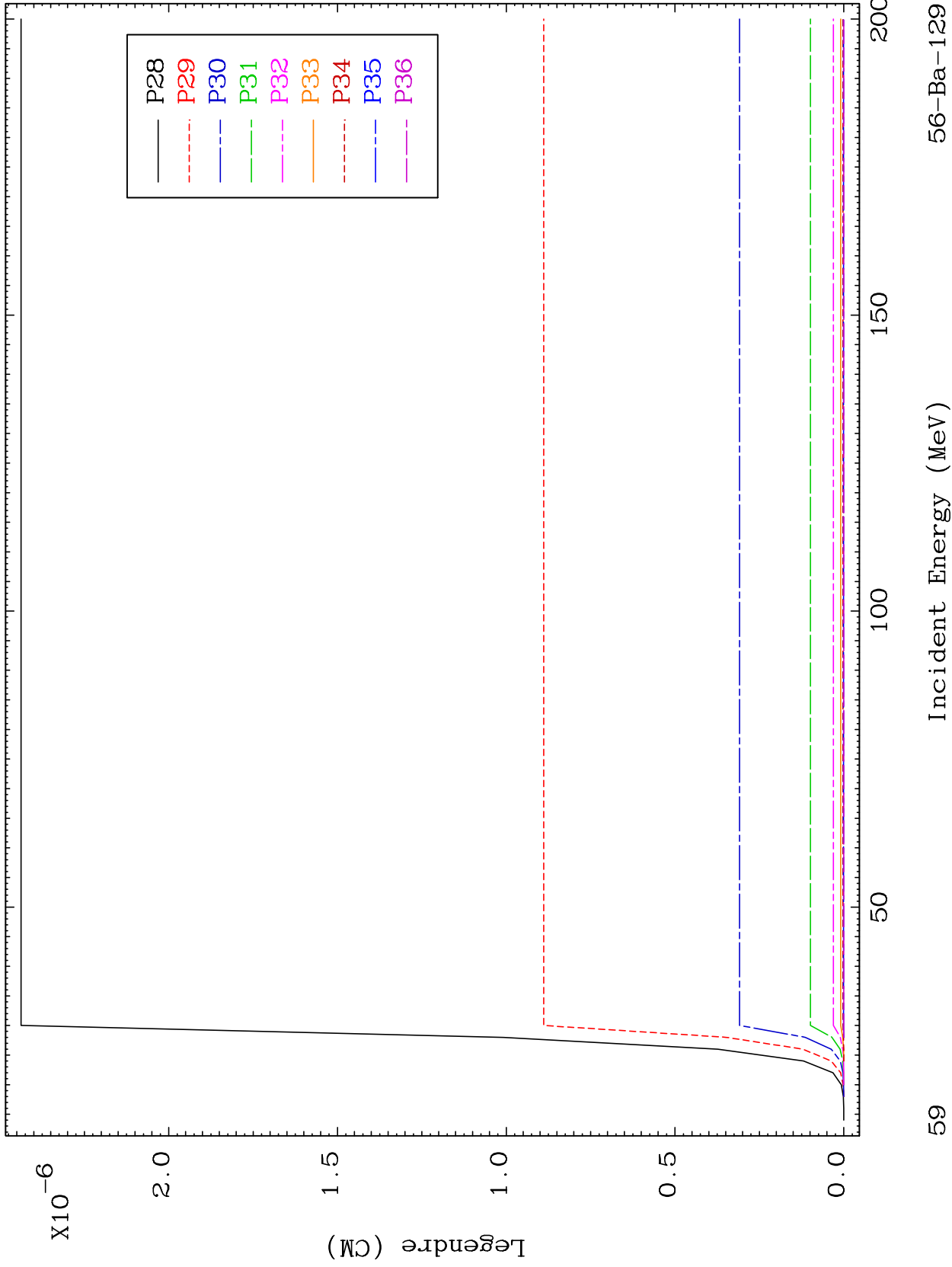
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

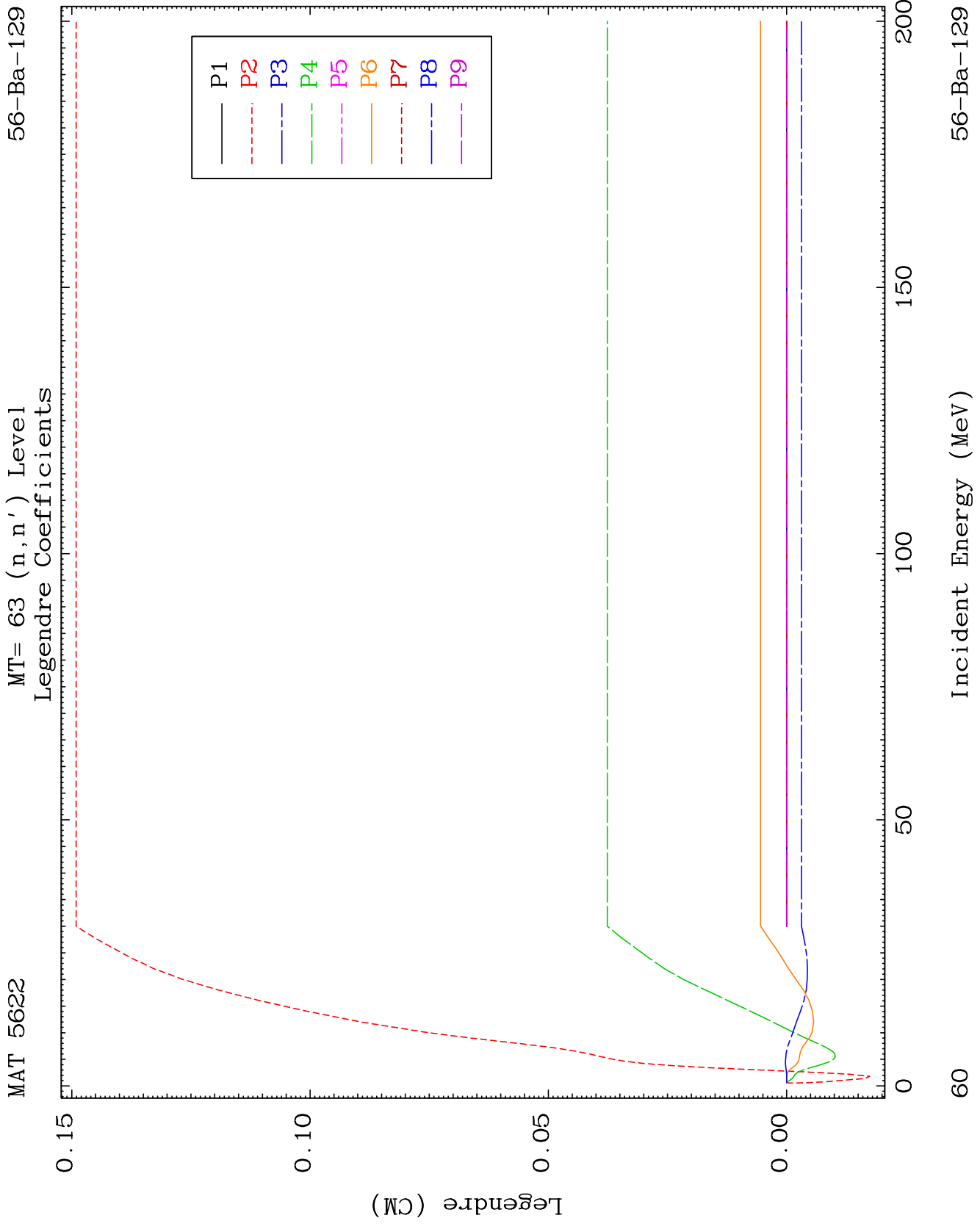
56-Ba-129



59

Incident Energy (MeV)

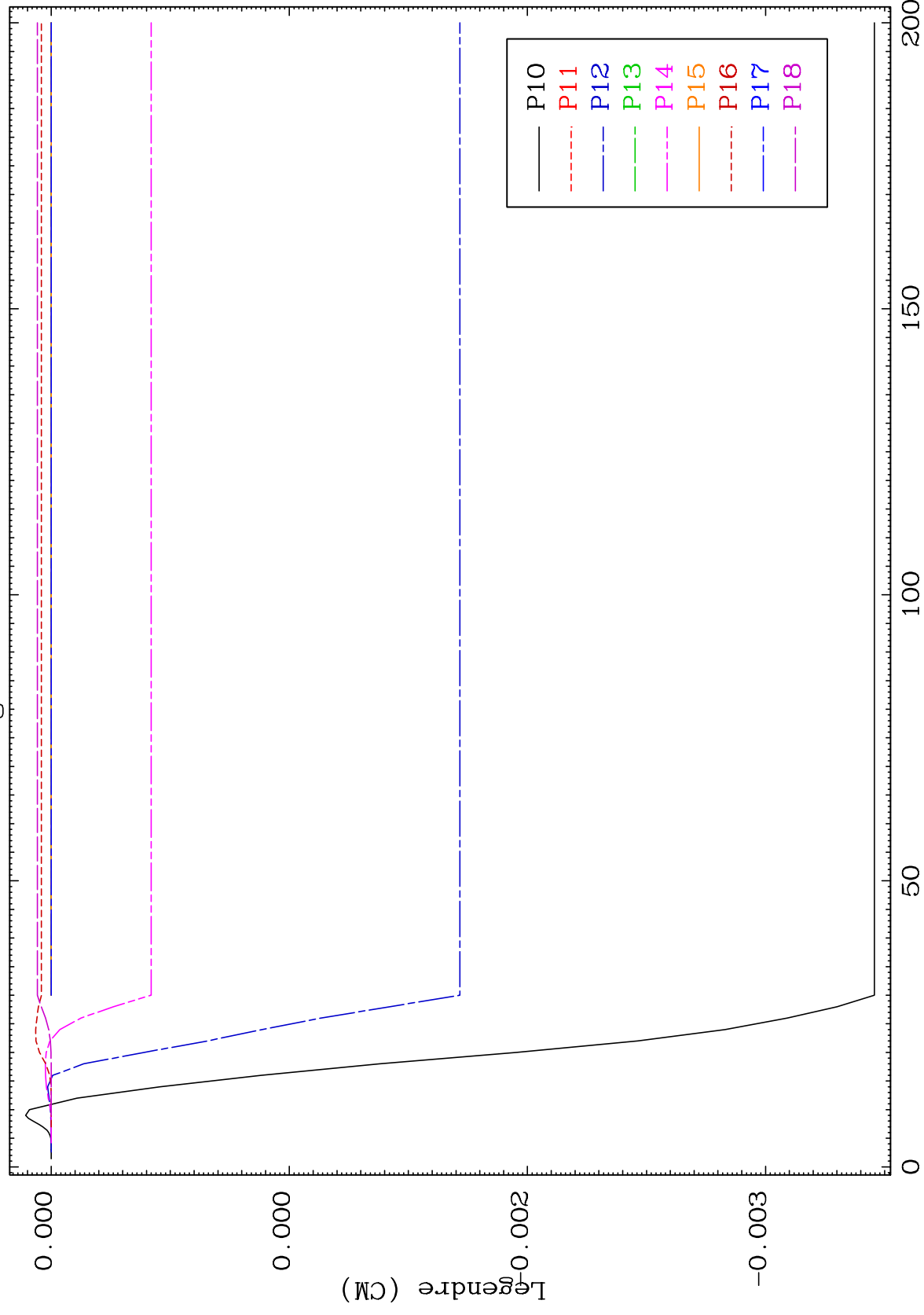
56-Ba-129



MAT 5622

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

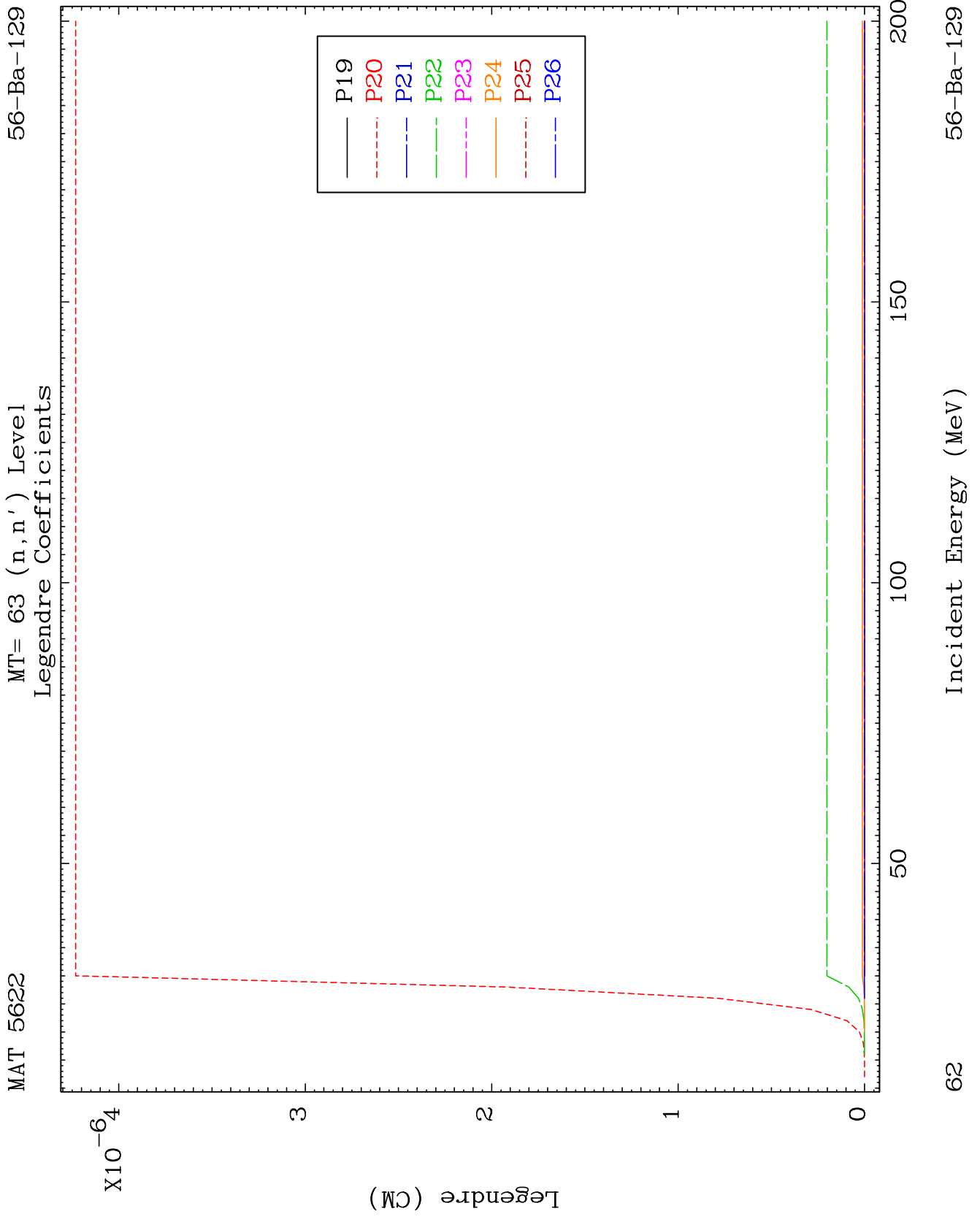
56-Ba-129



61

Incident Energy (MeV)

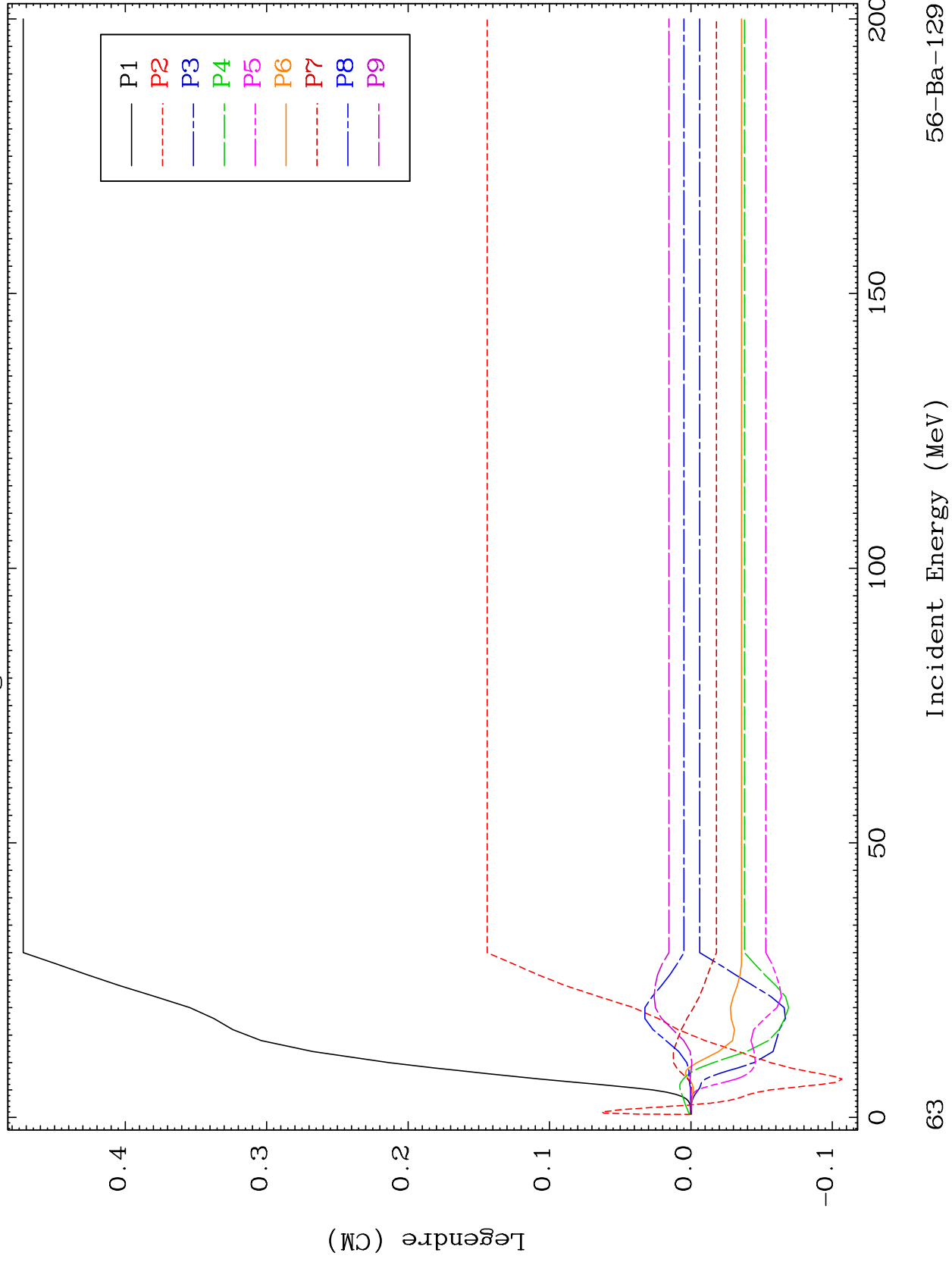
56-Ba-129



MAT 5622

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

56-Ba-129

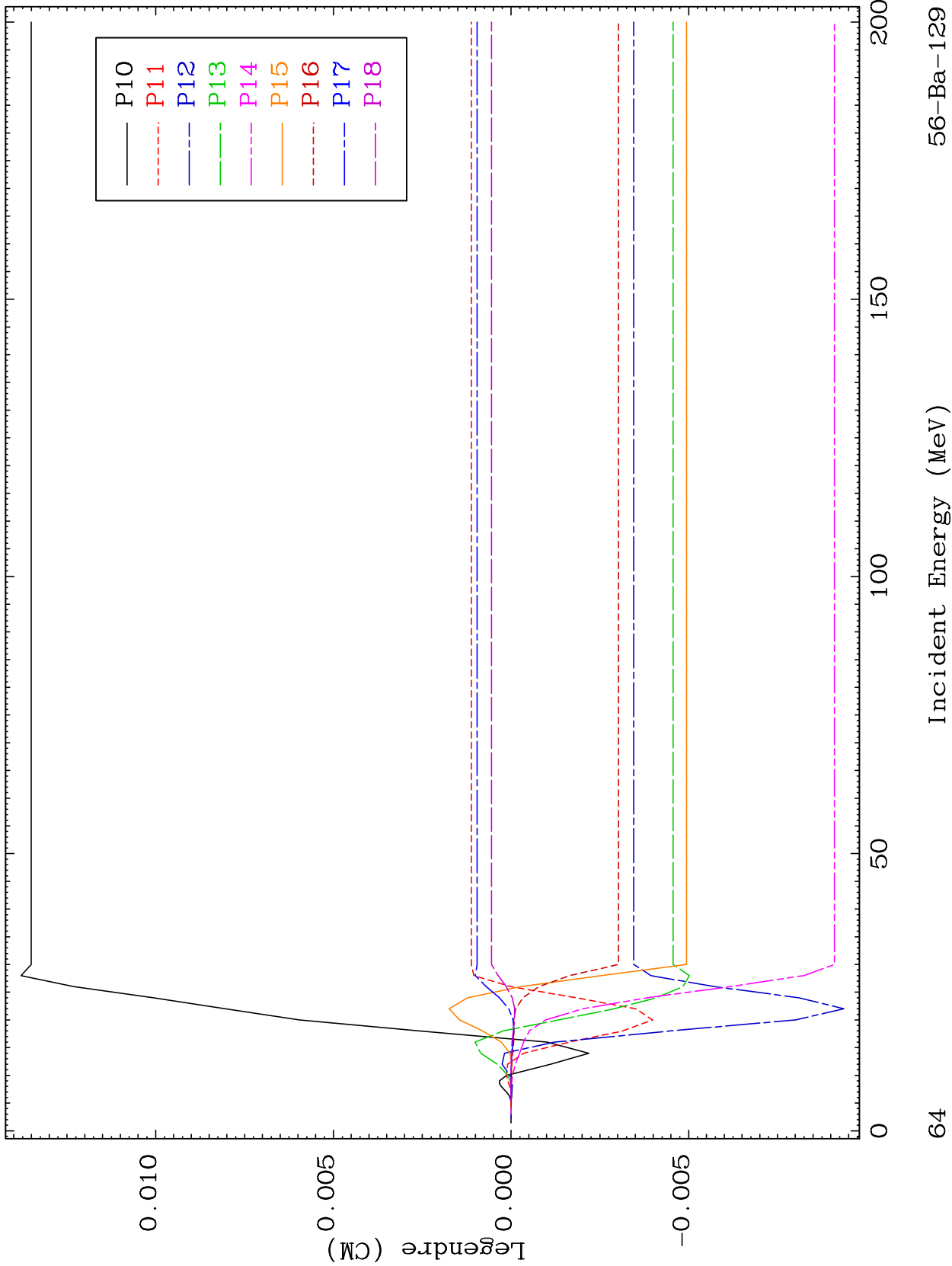


56-Ba-129

MAT 5622

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

56-Ba-129

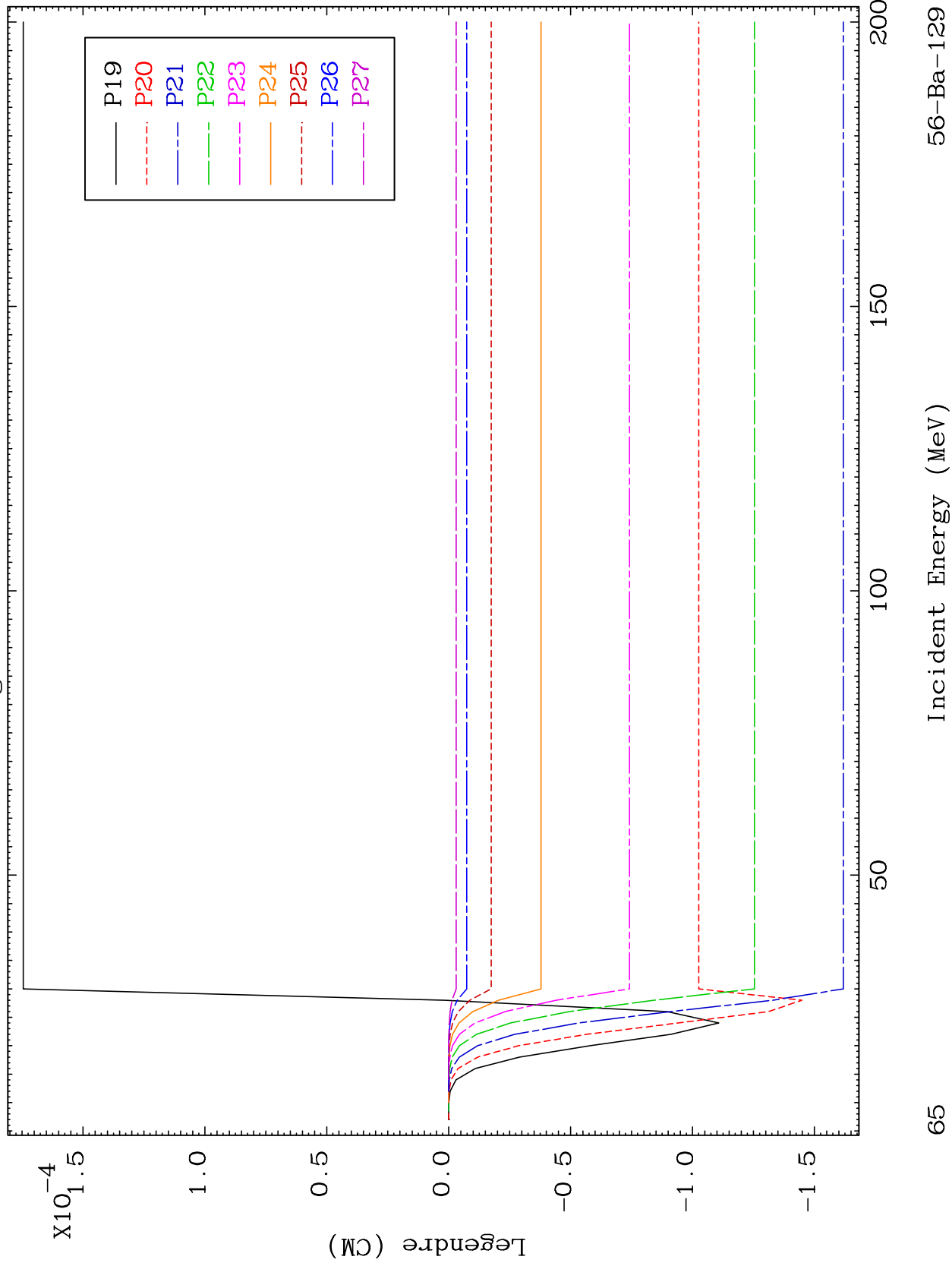


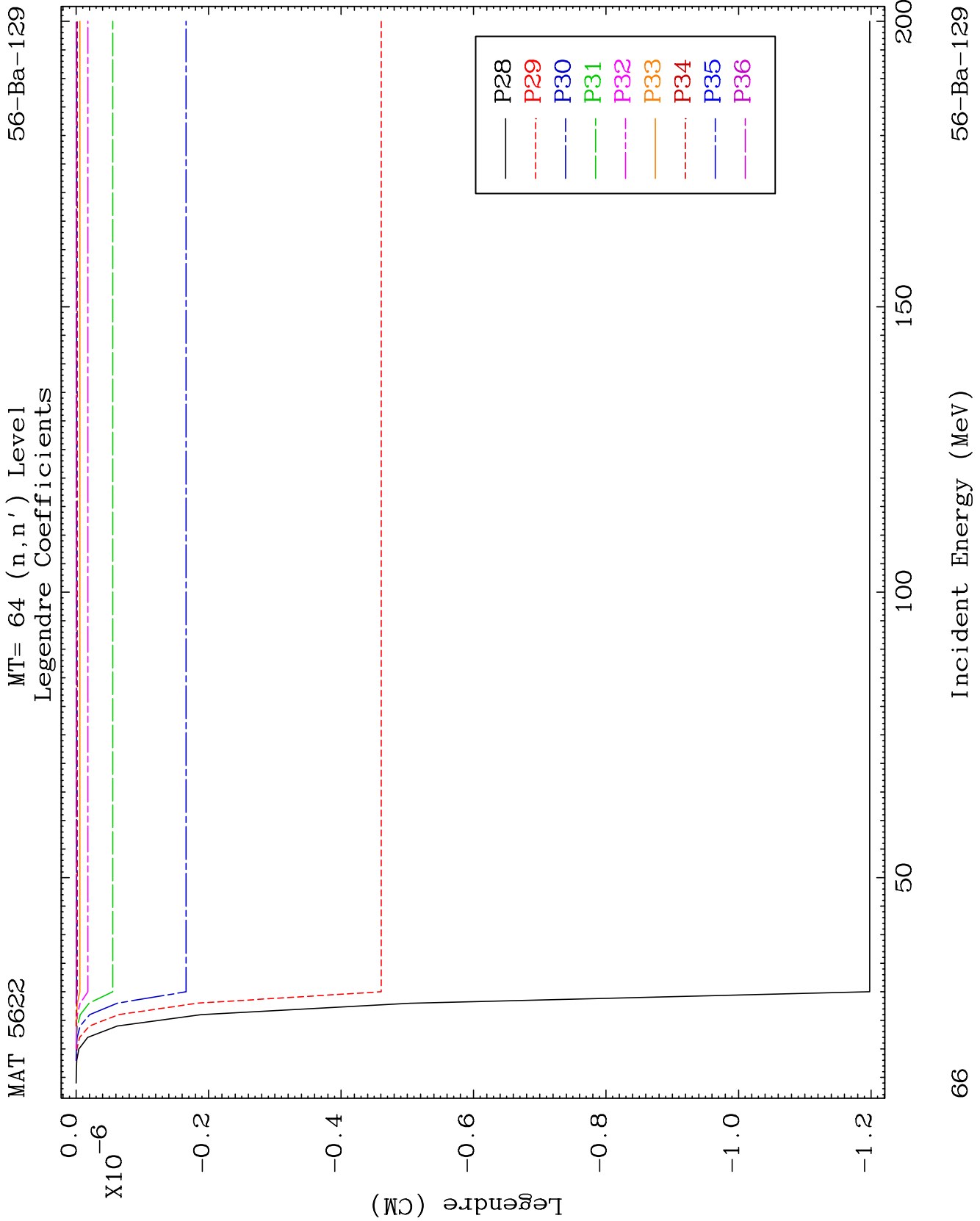
64

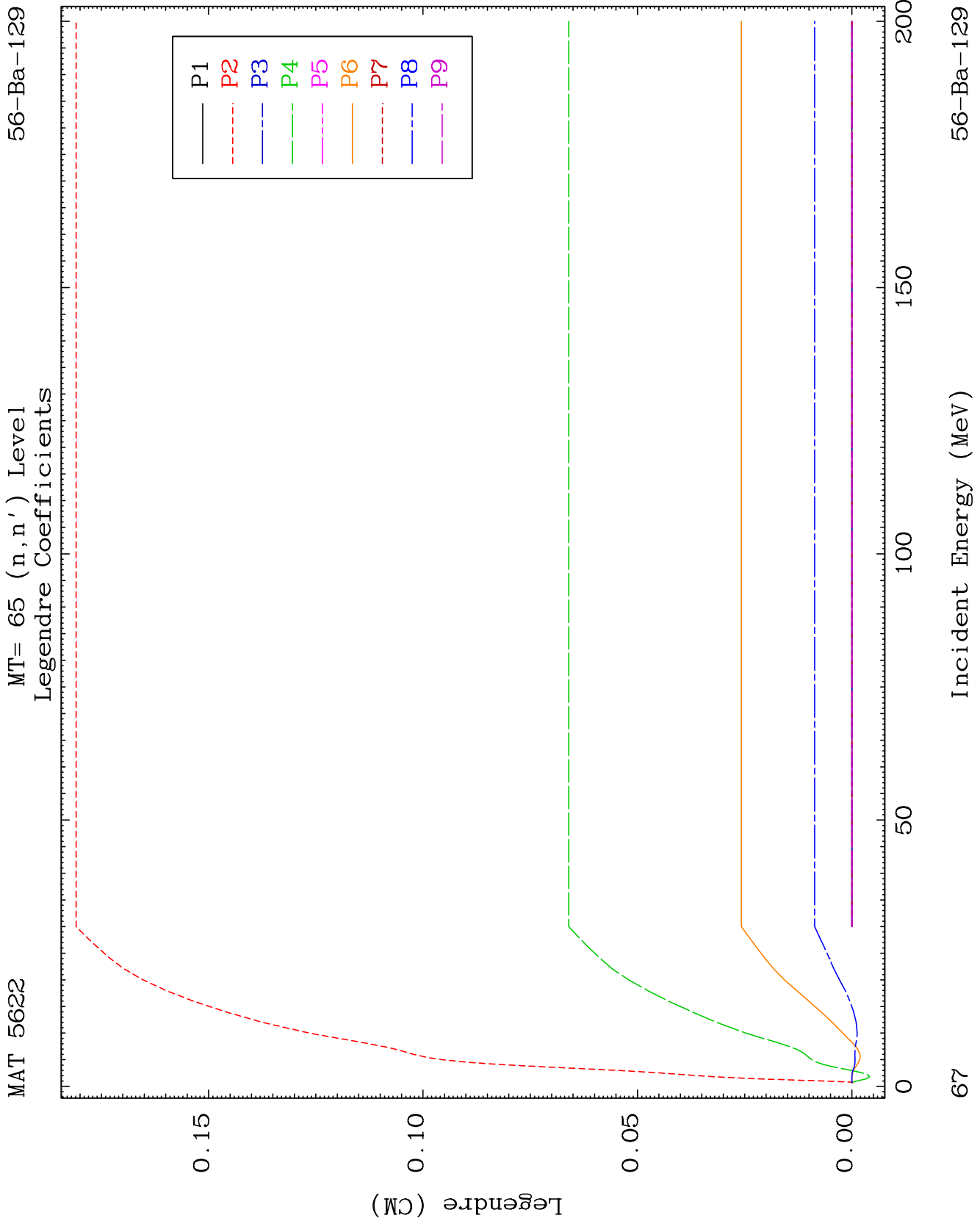
MAT 5622

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

56-Ba-129



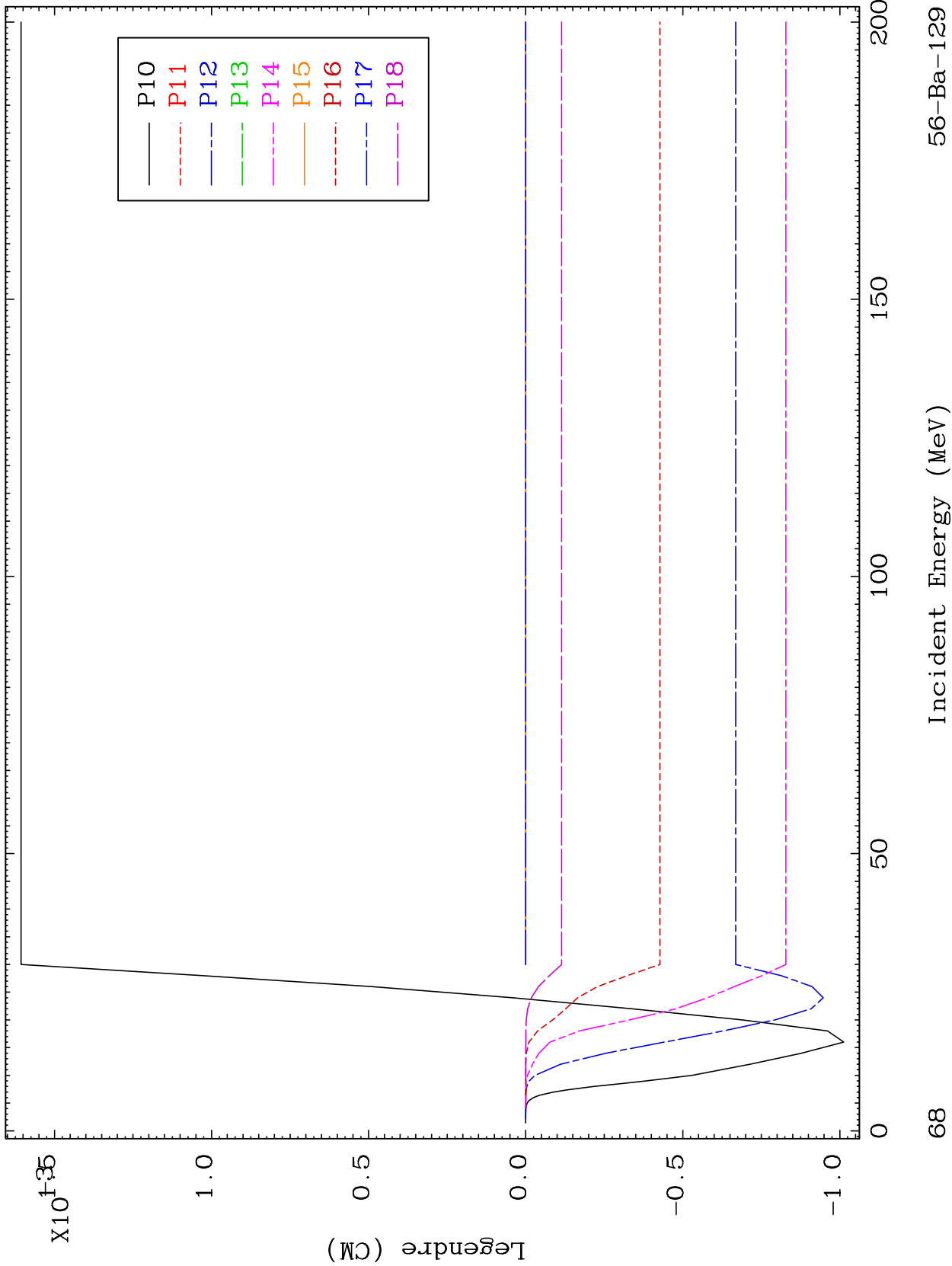




MAT 5622

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

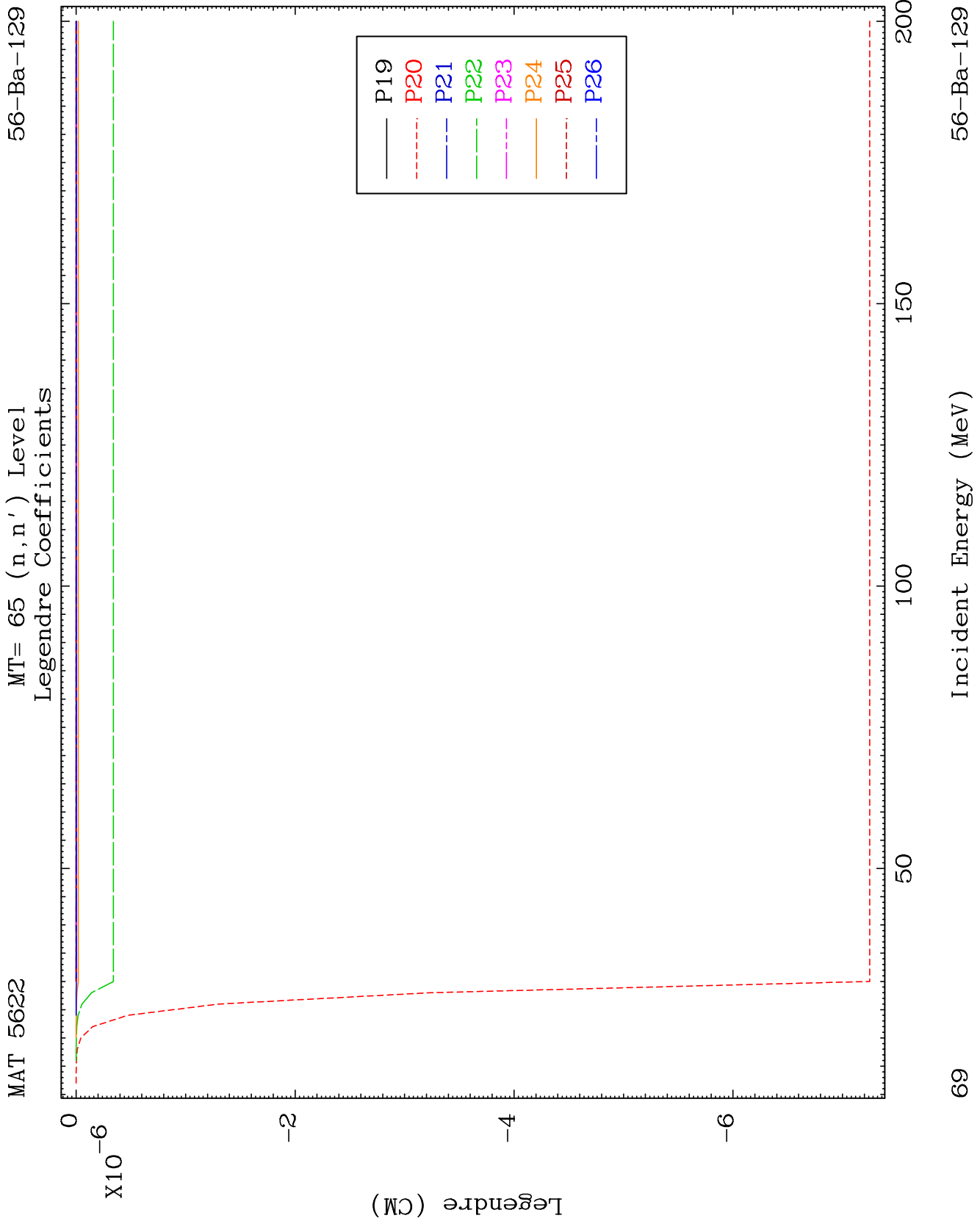
56-Ba-129

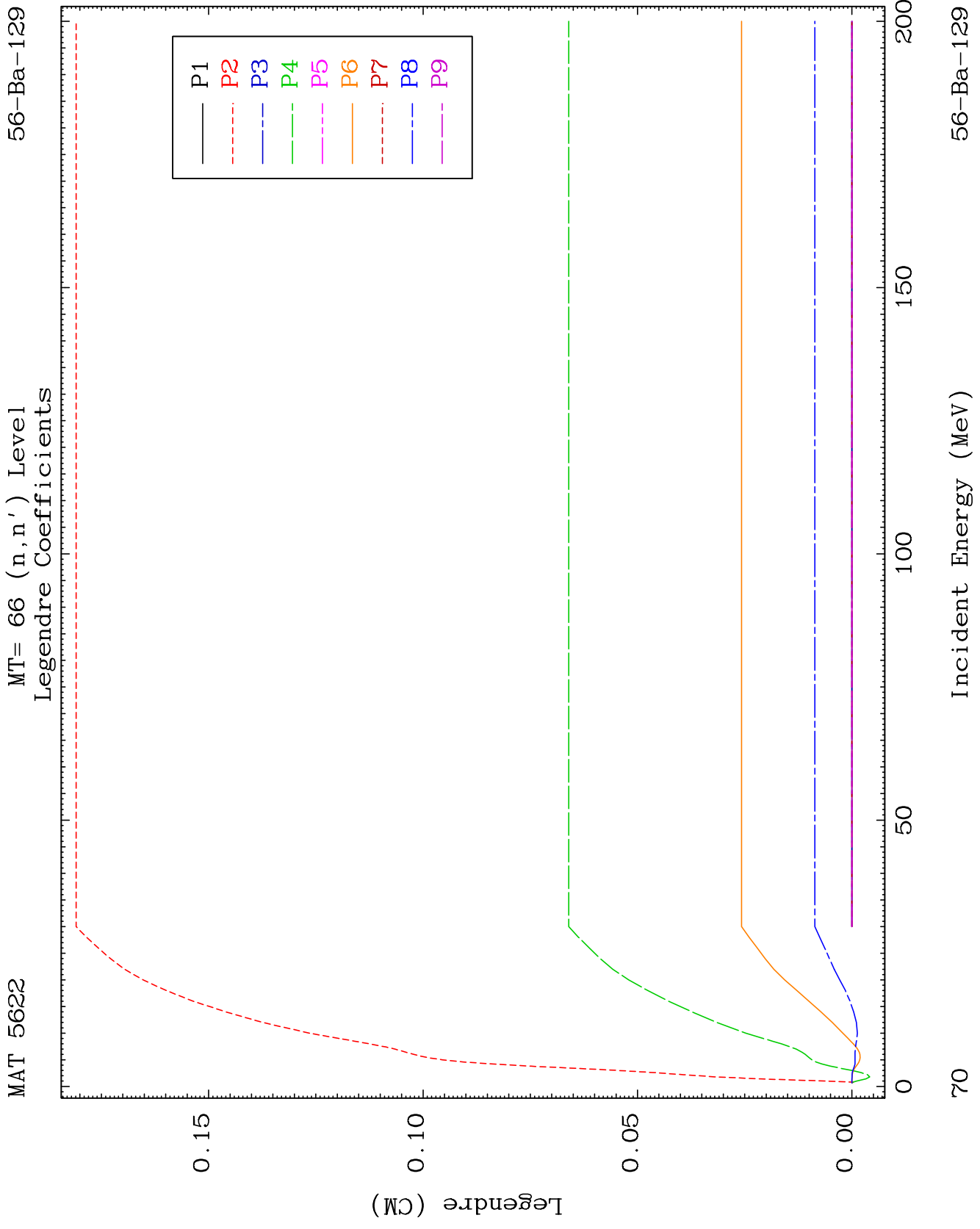


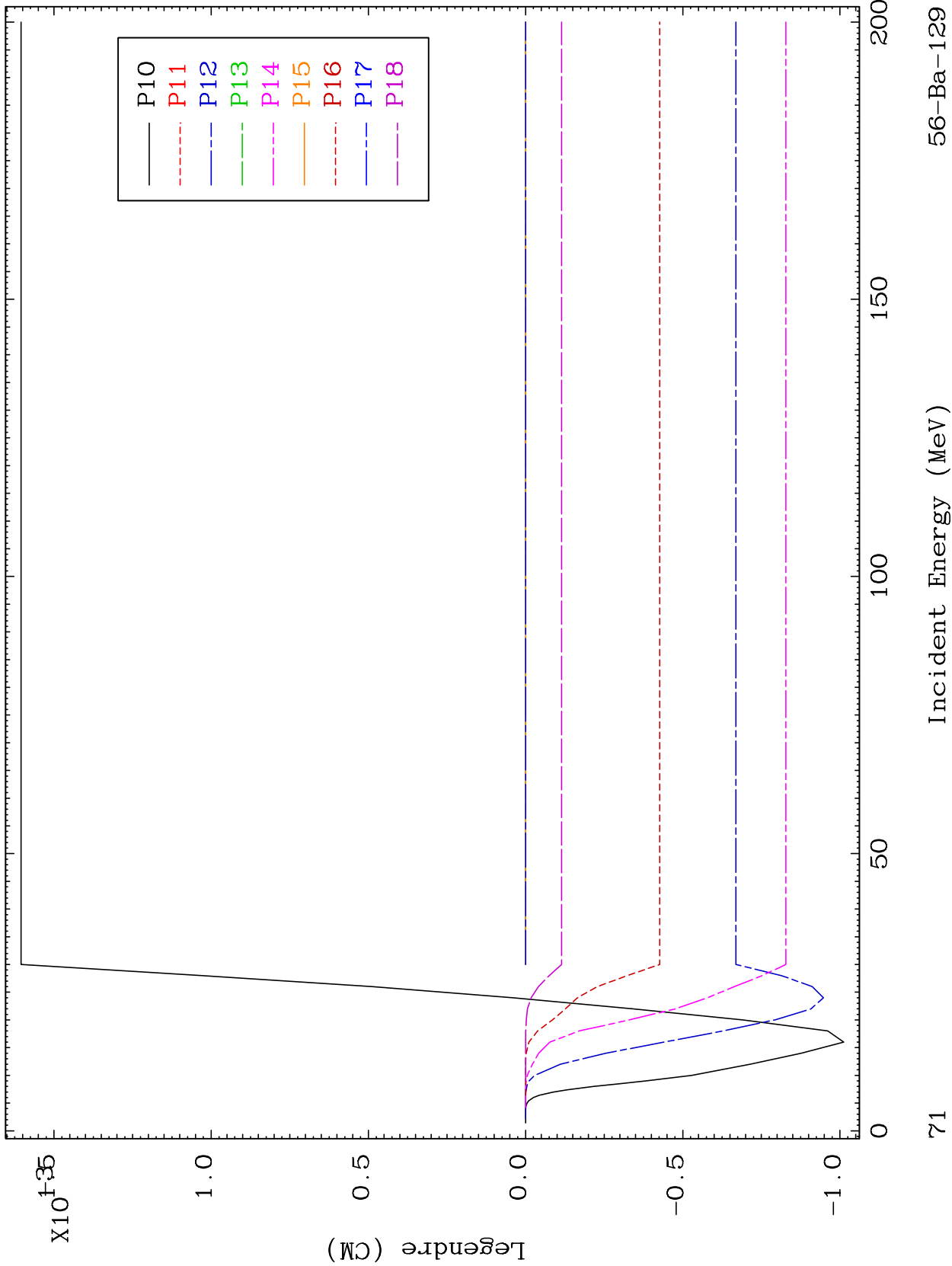
56-Ba-129

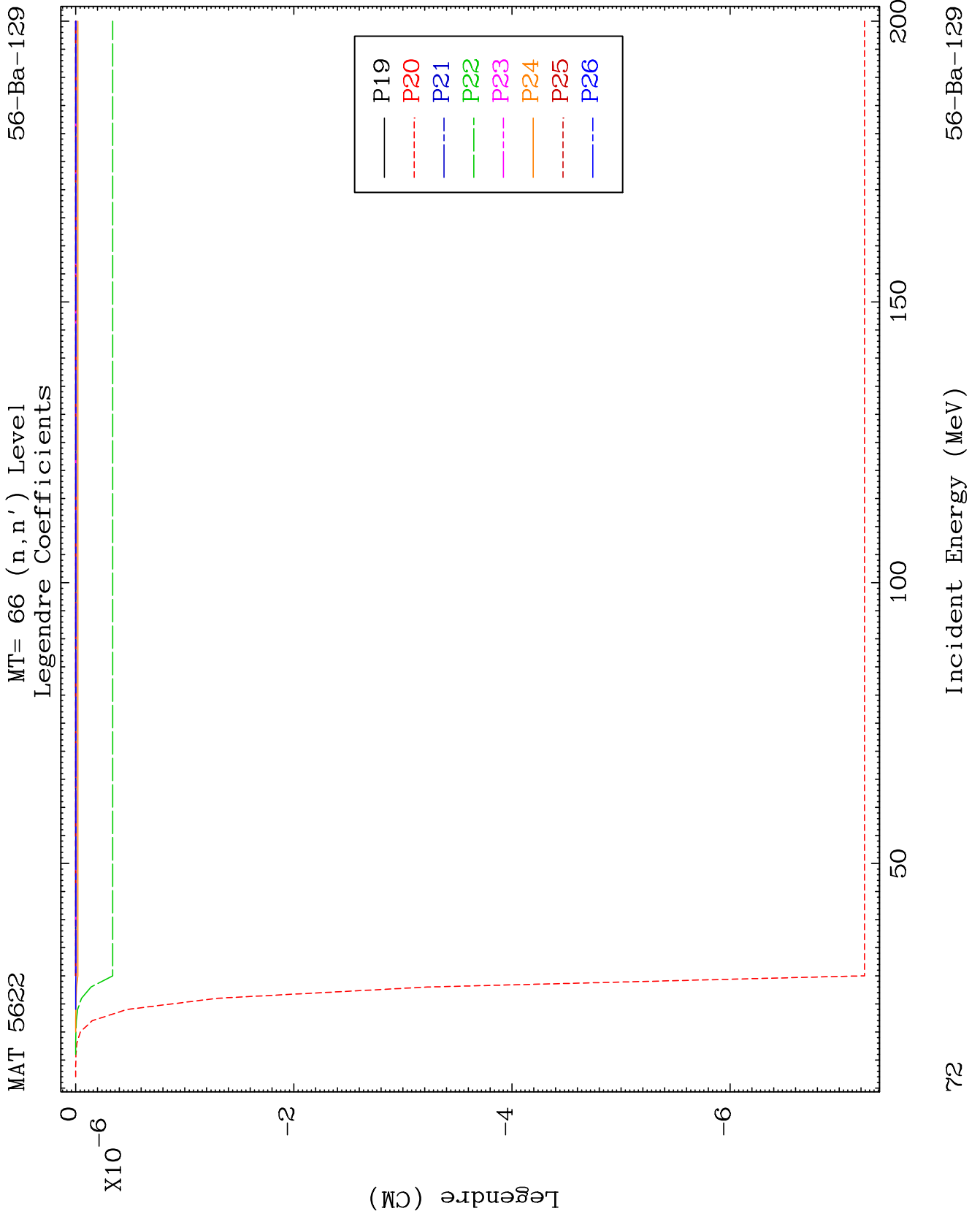
Incident Energy (MeV)

68





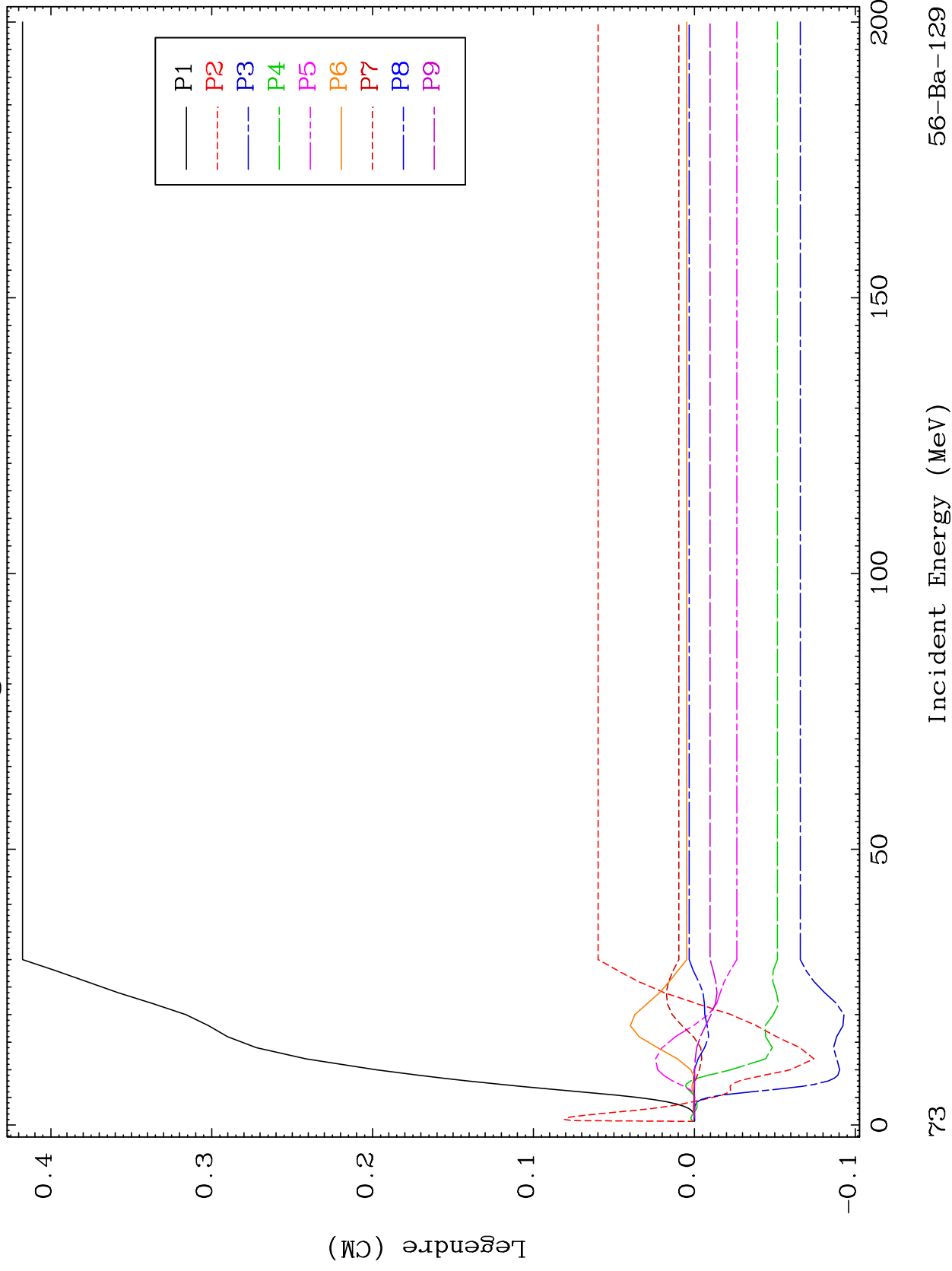




MAT 5622

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

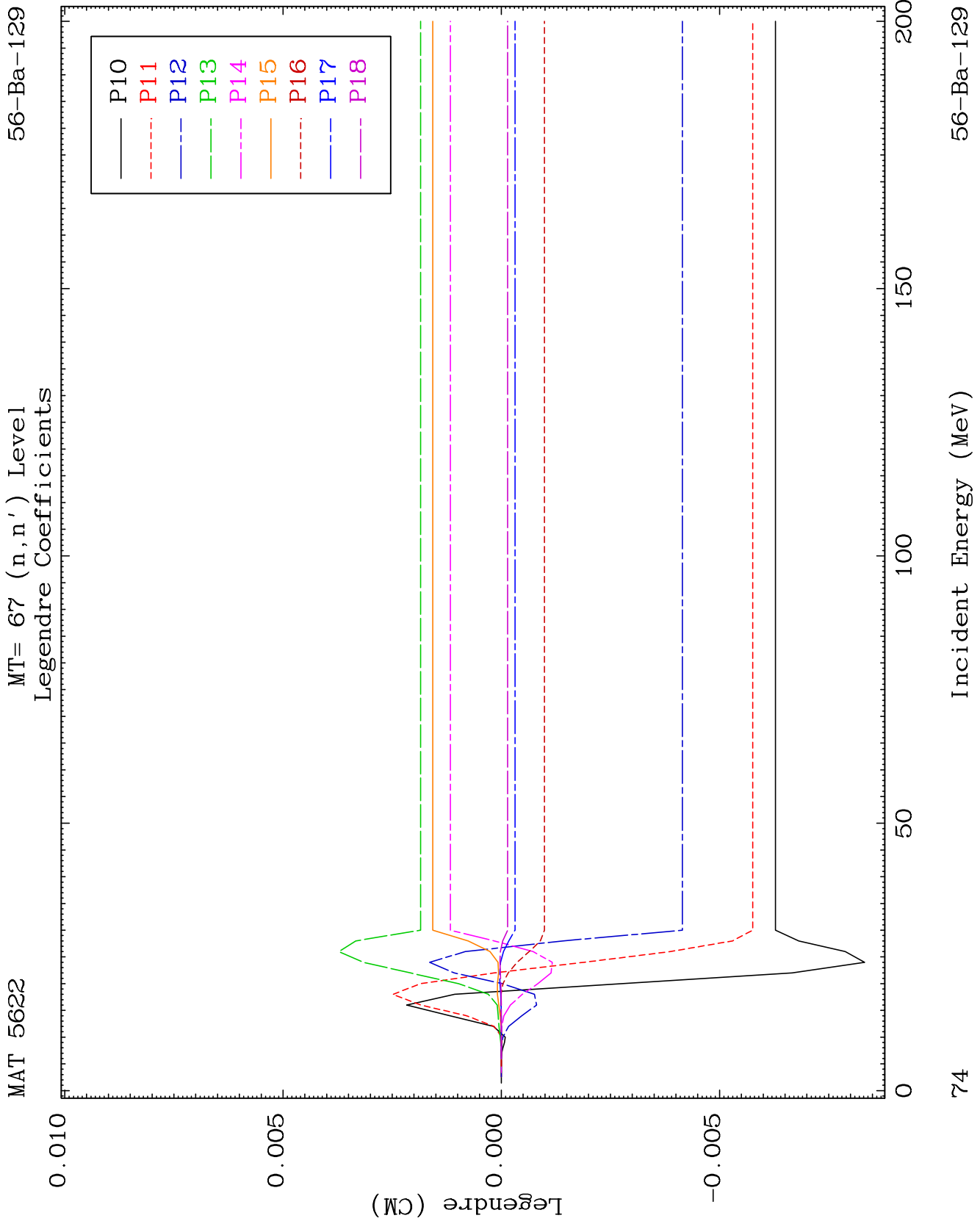
56-Ba-129



56-Ba-129

Incident Energy (MeV)

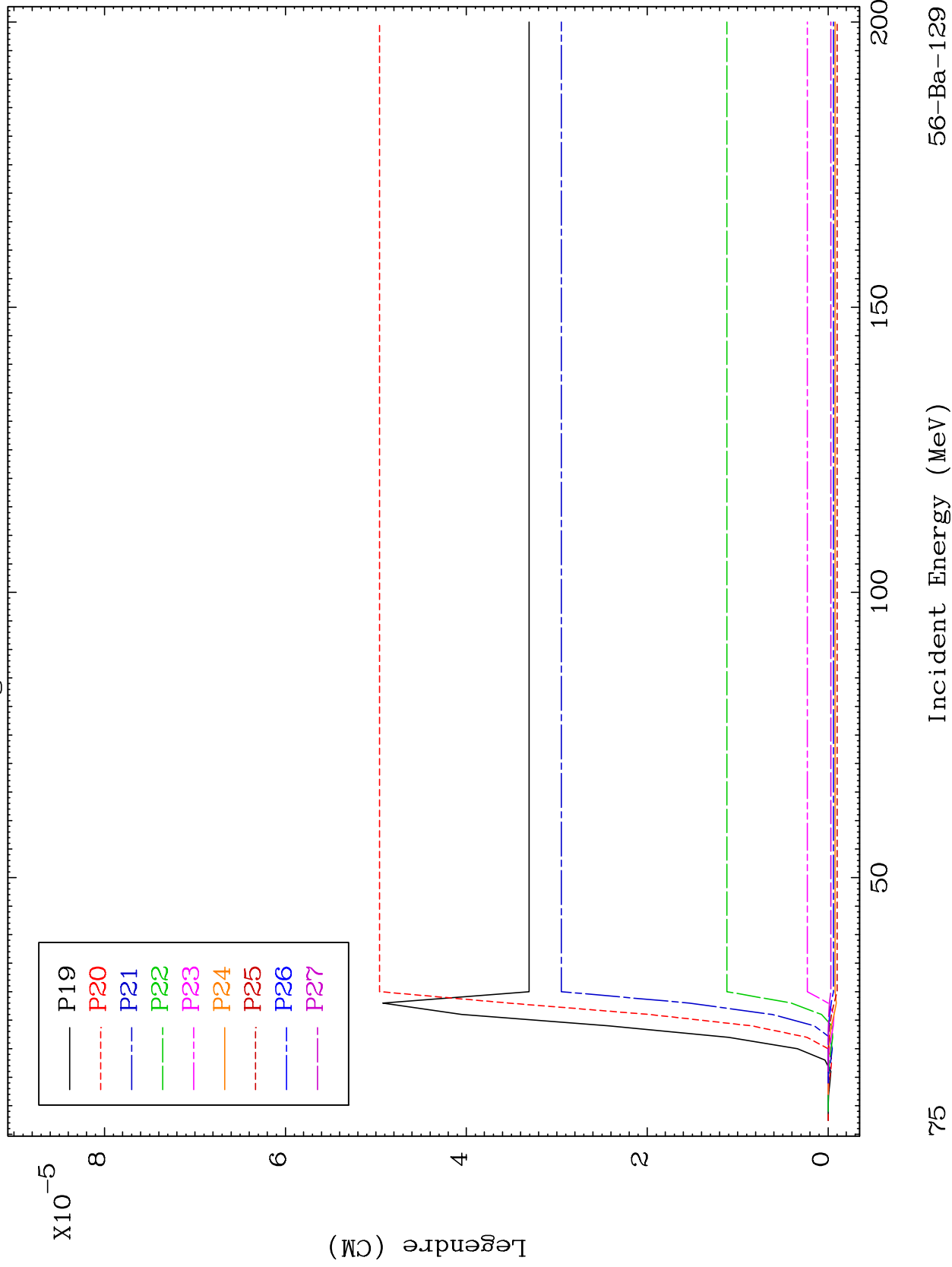
73



MAT 5622

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

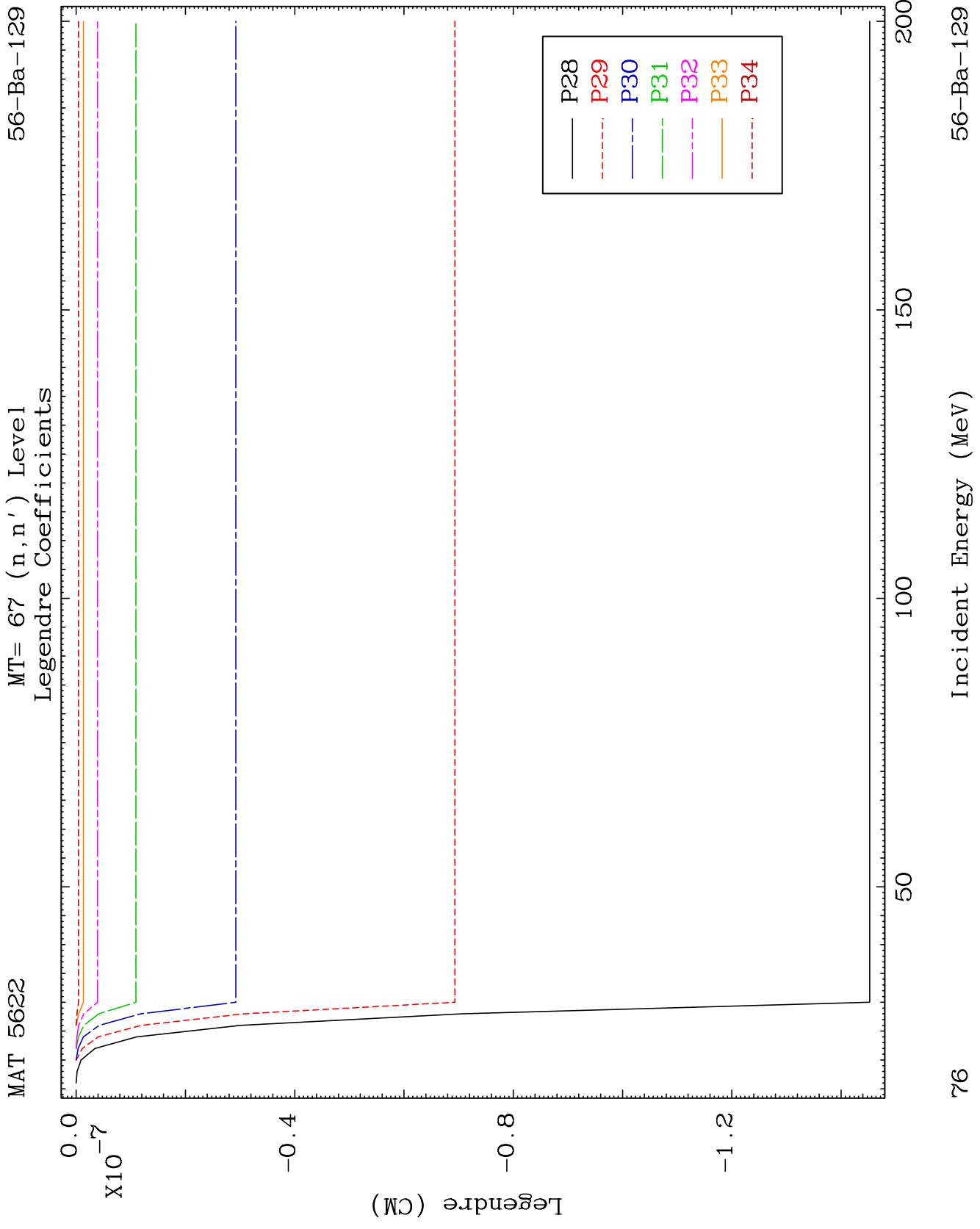
56-Ba-129

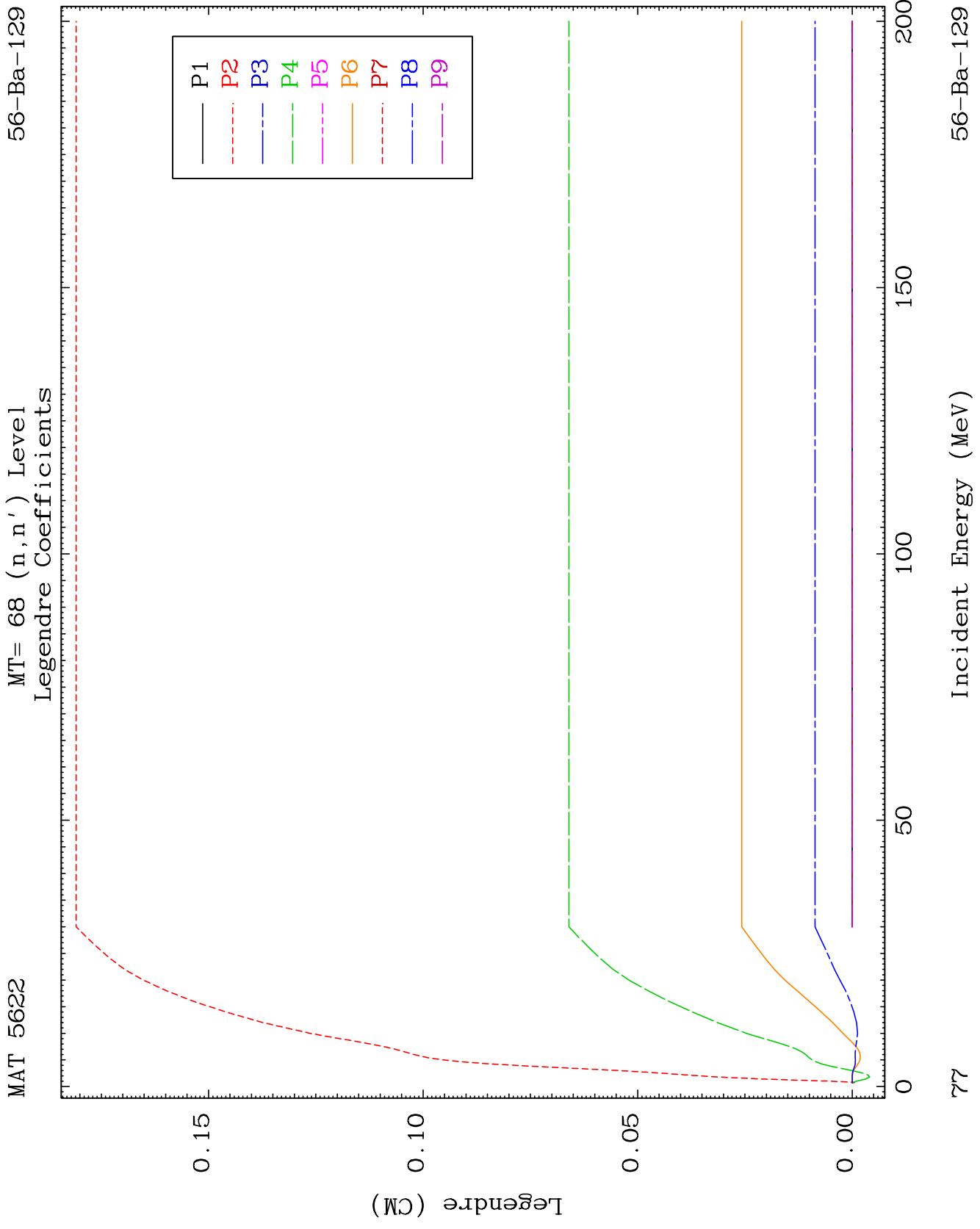


75

Incident Energy (MeV)

56-Ba-129

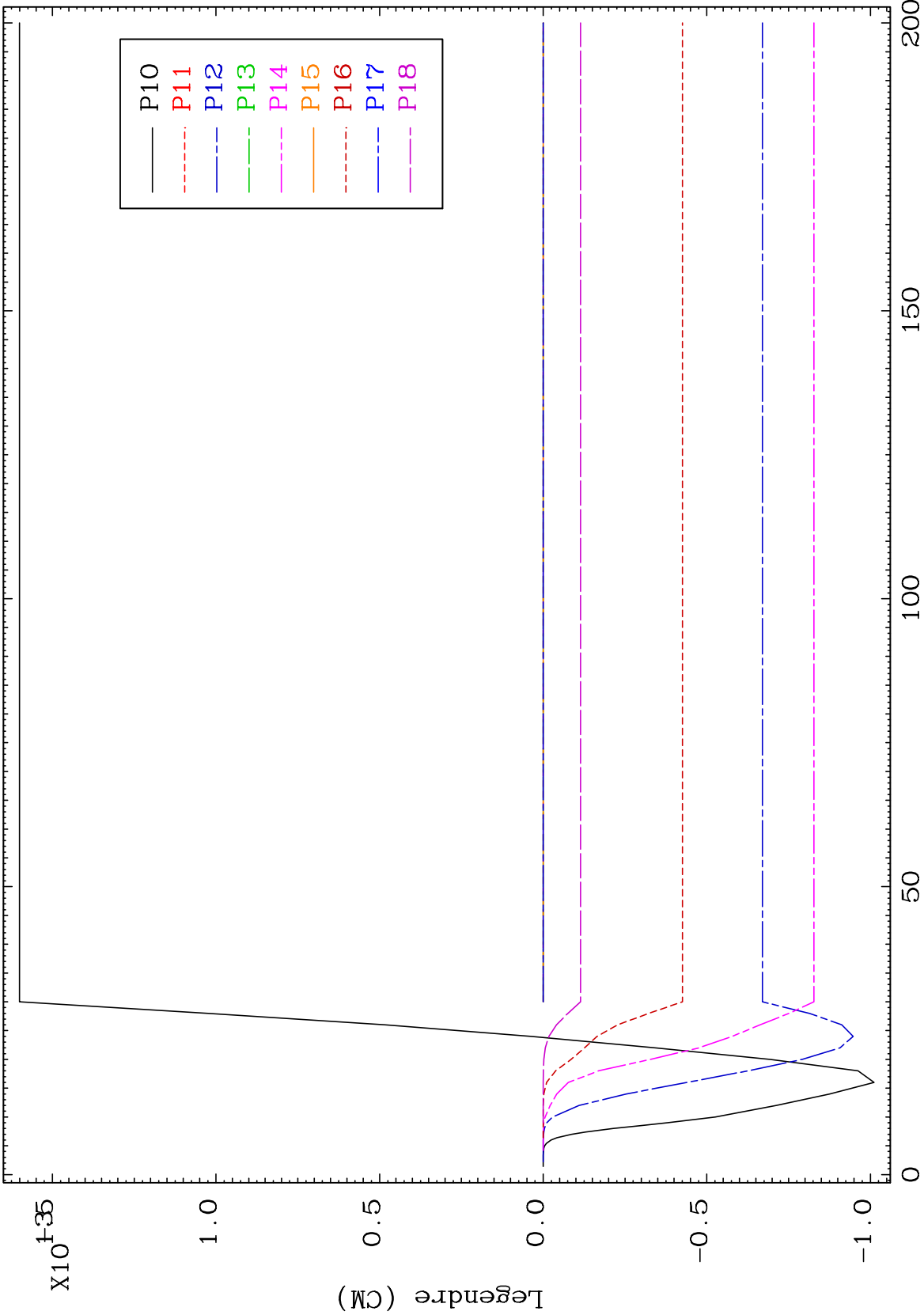




MAT 5622

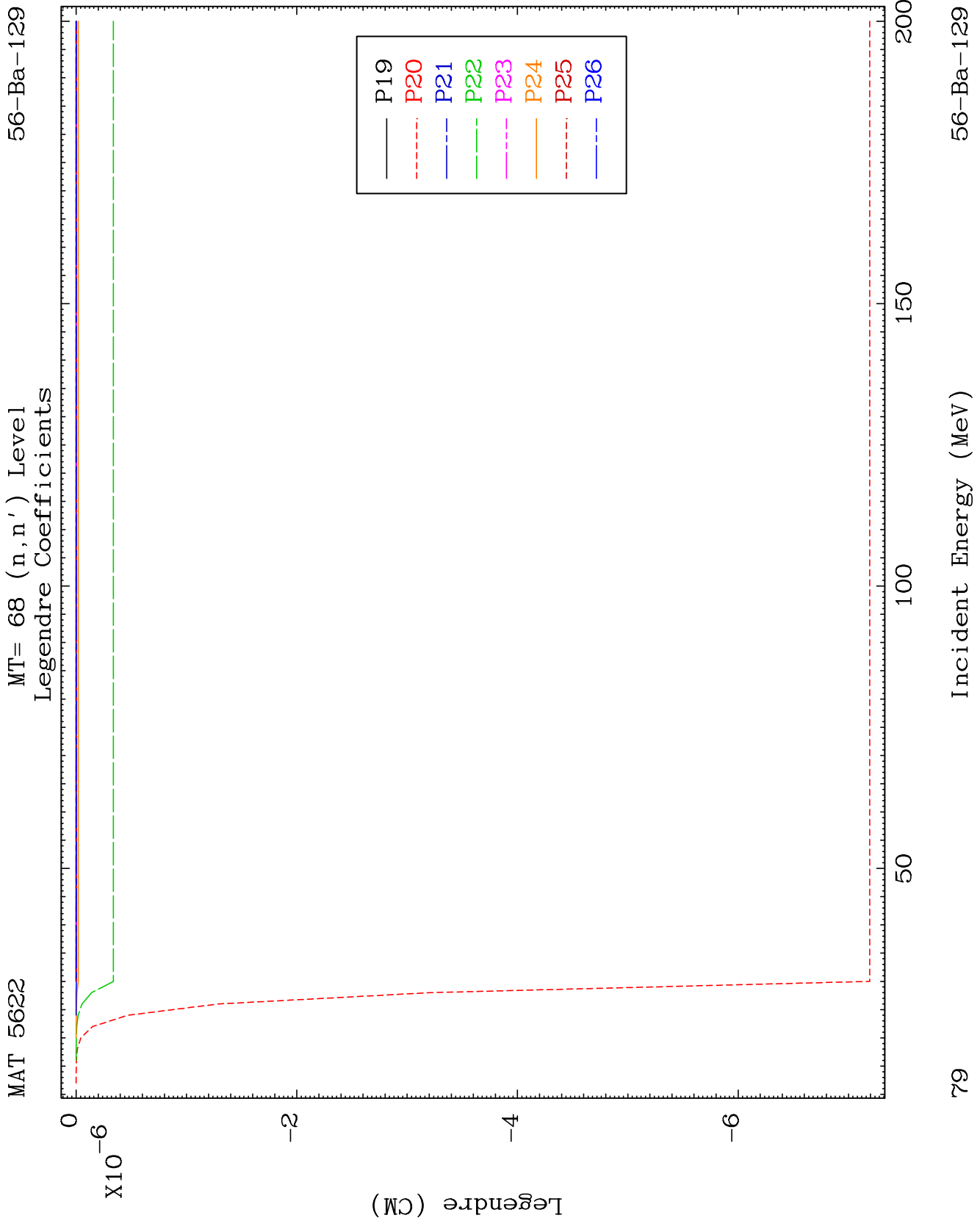
MT= 68 (n,n') Level
Legendre Coefficients

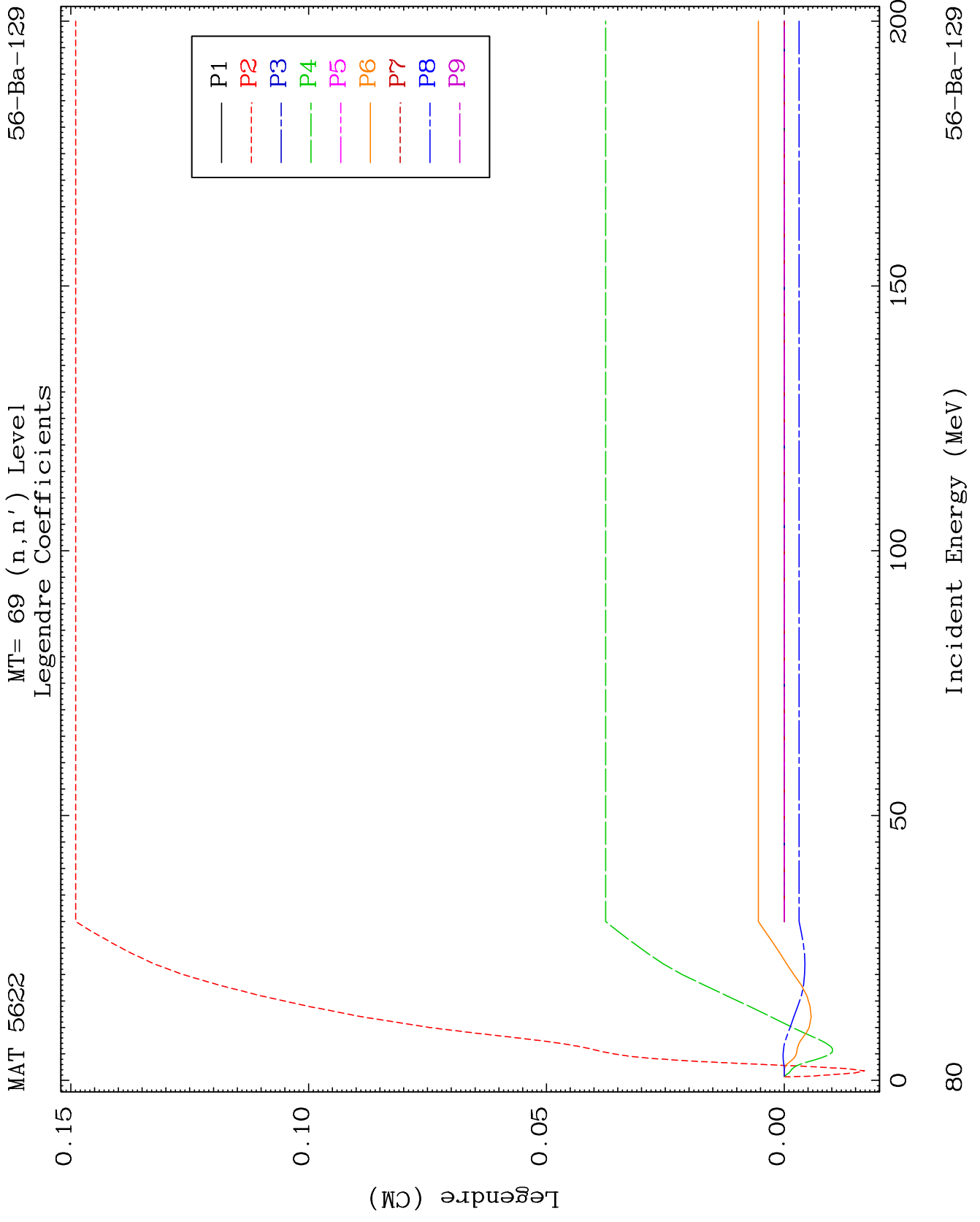
56-Ba-129



78

56-Ba-129

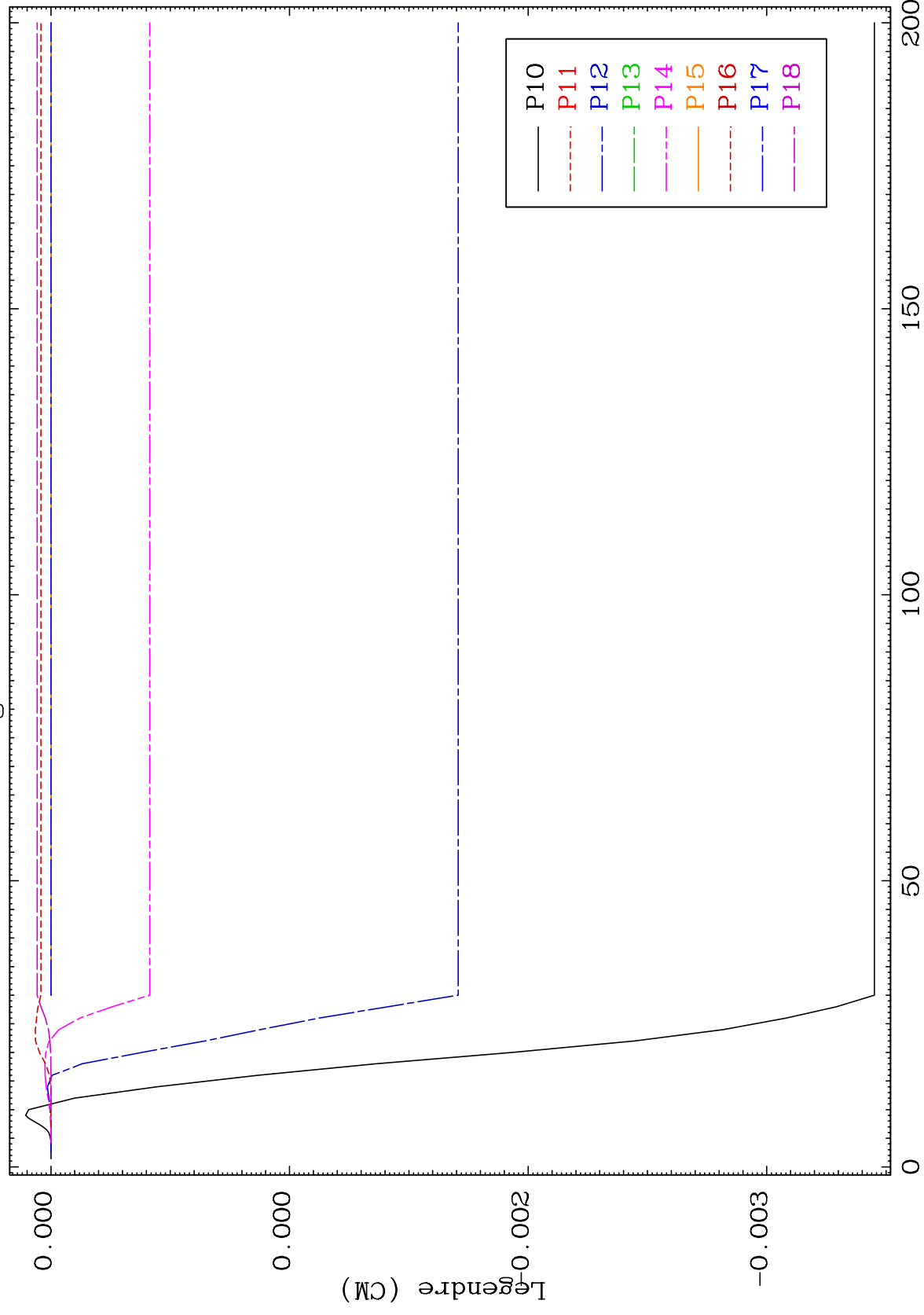




MAT 5622

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

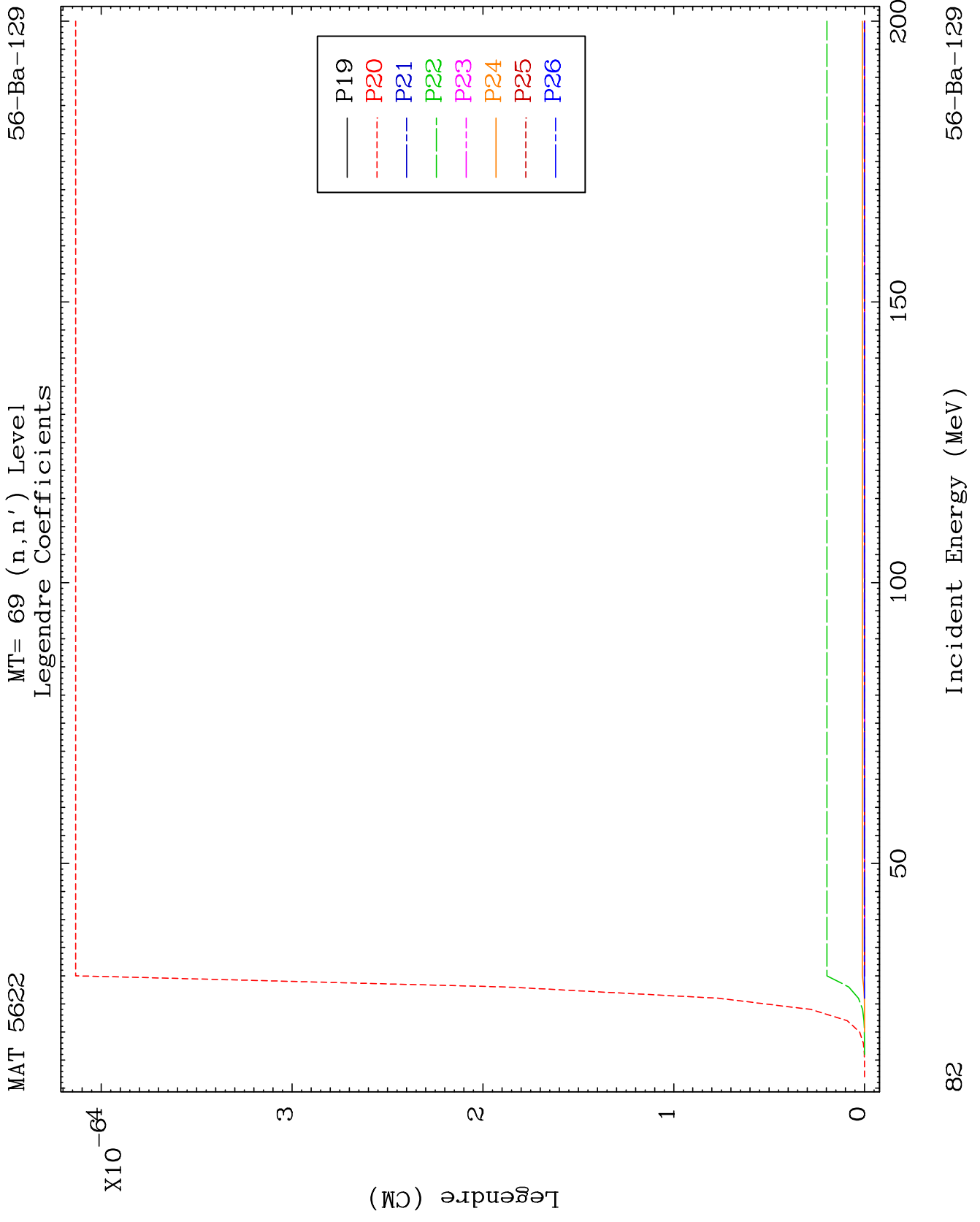
56-Ba-129



81

Incident Energy (MeV)

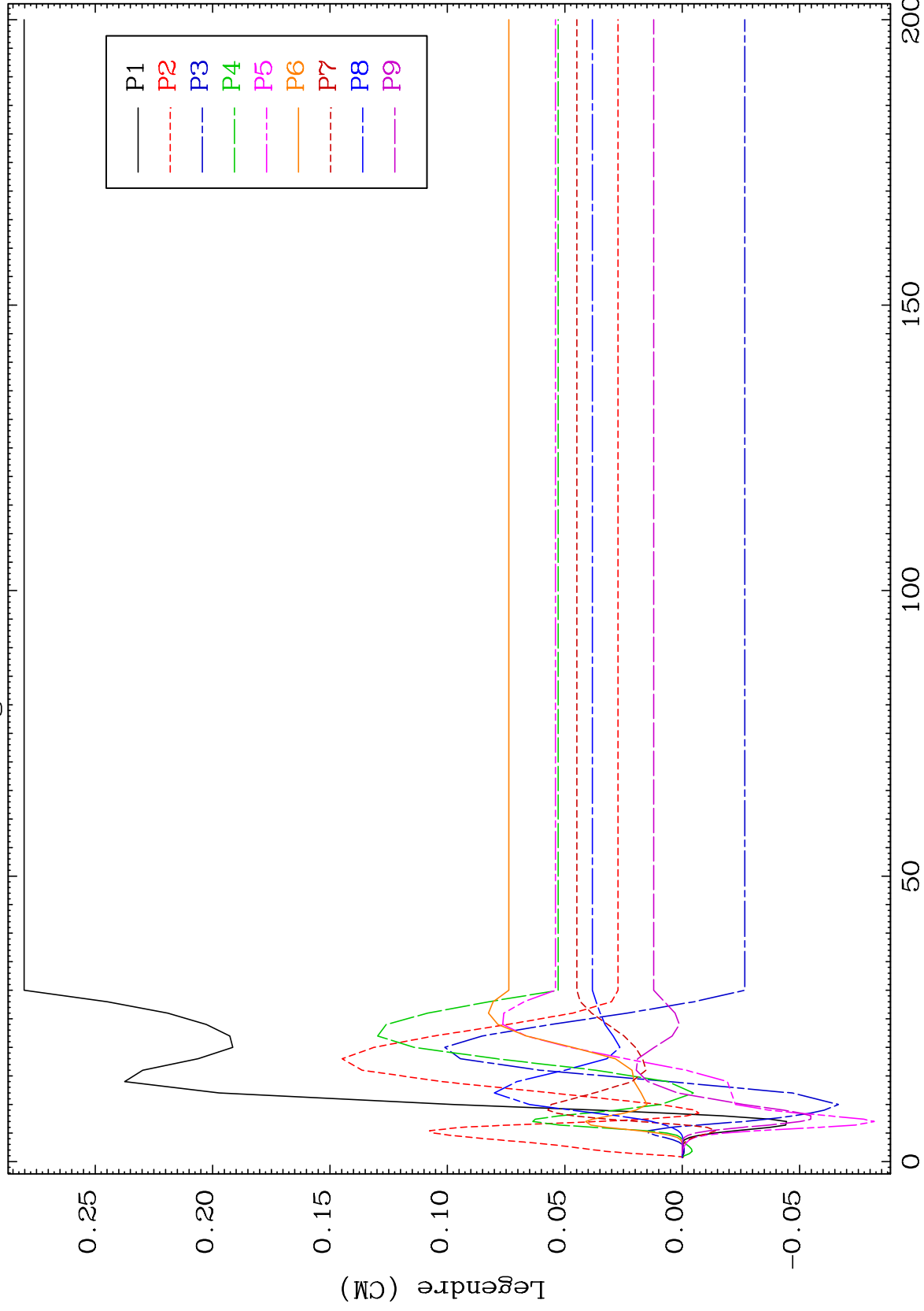
56-Ba-129



MAT 5622

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

56-Ba-129



83

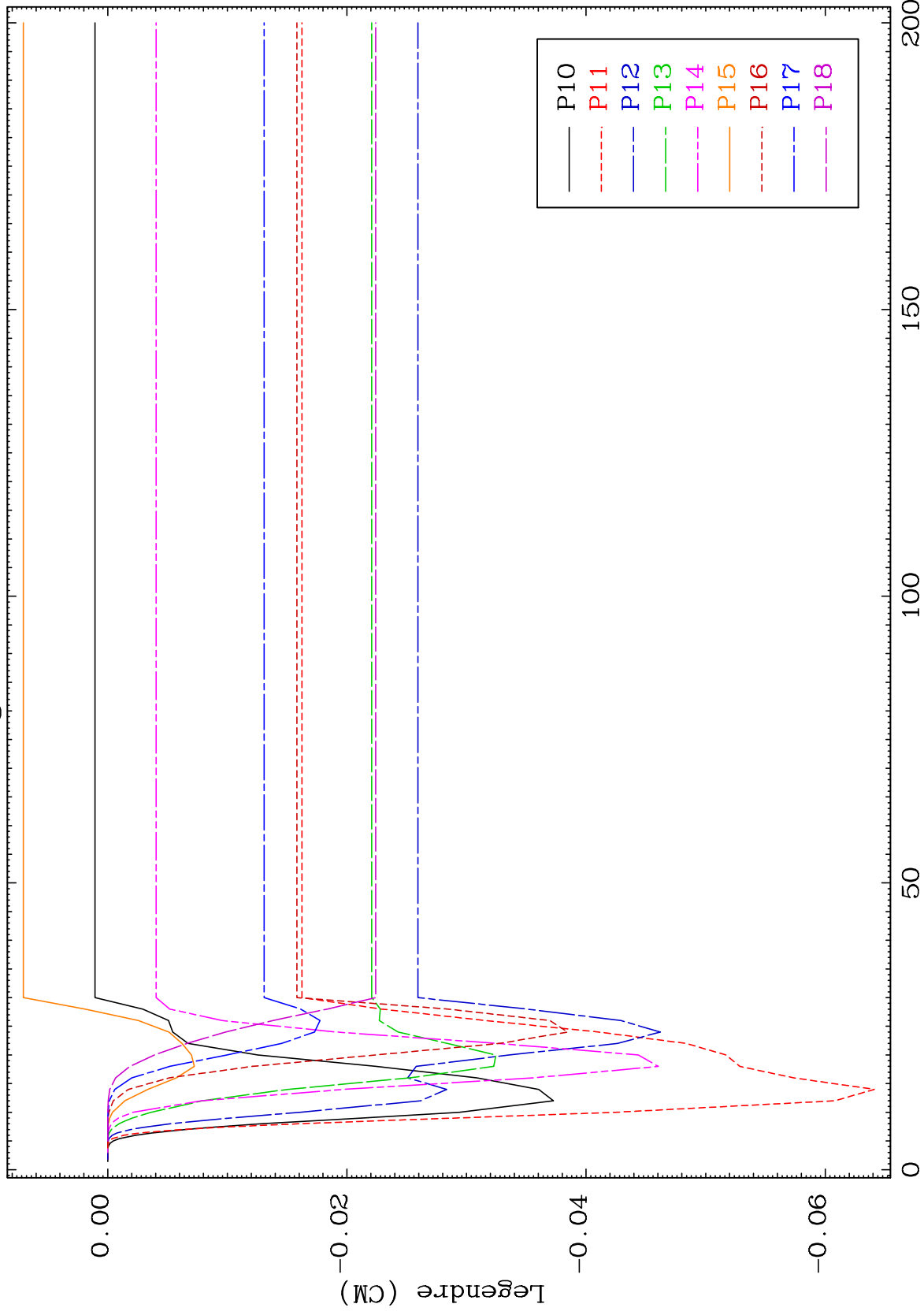
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

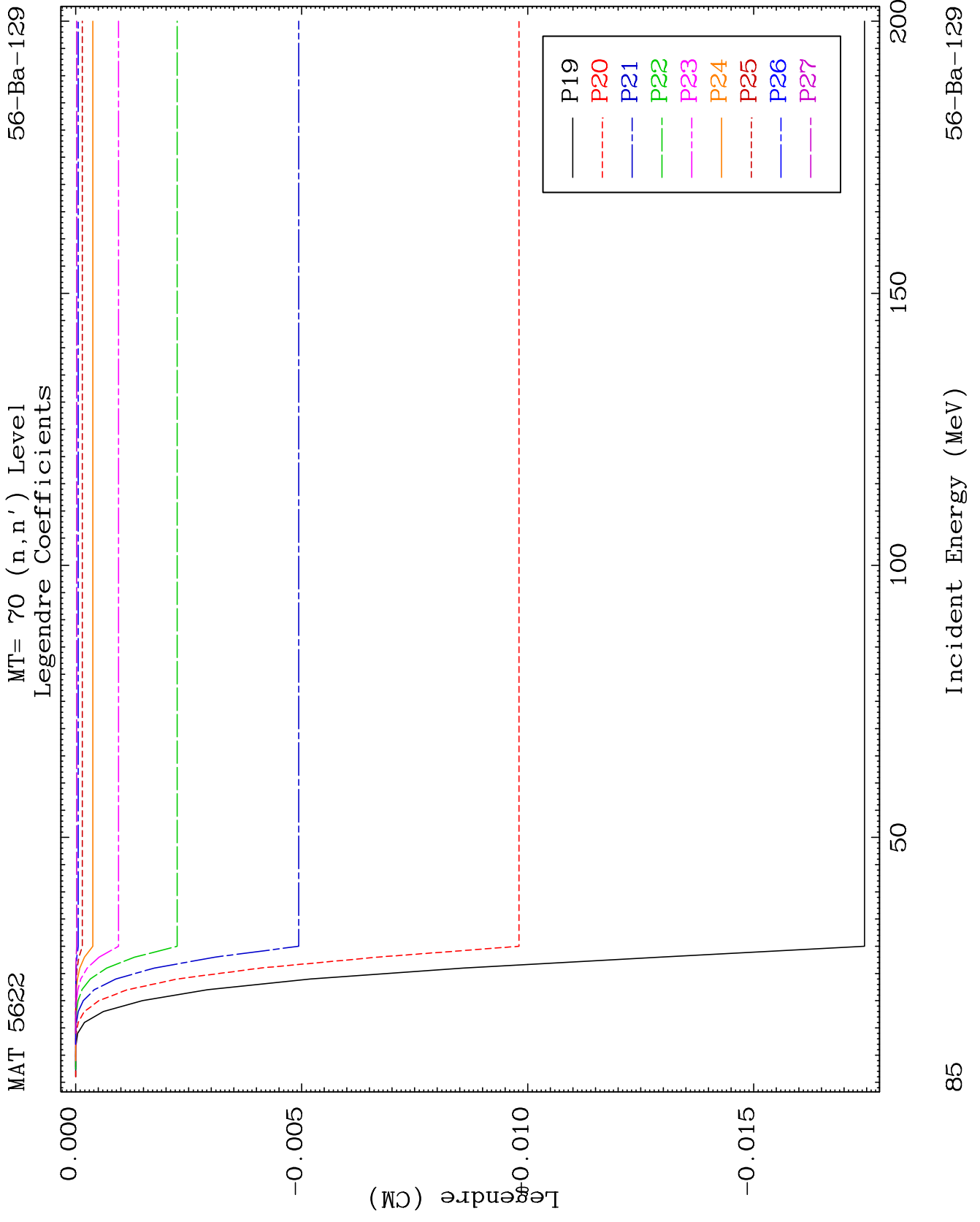
56-Ba-129

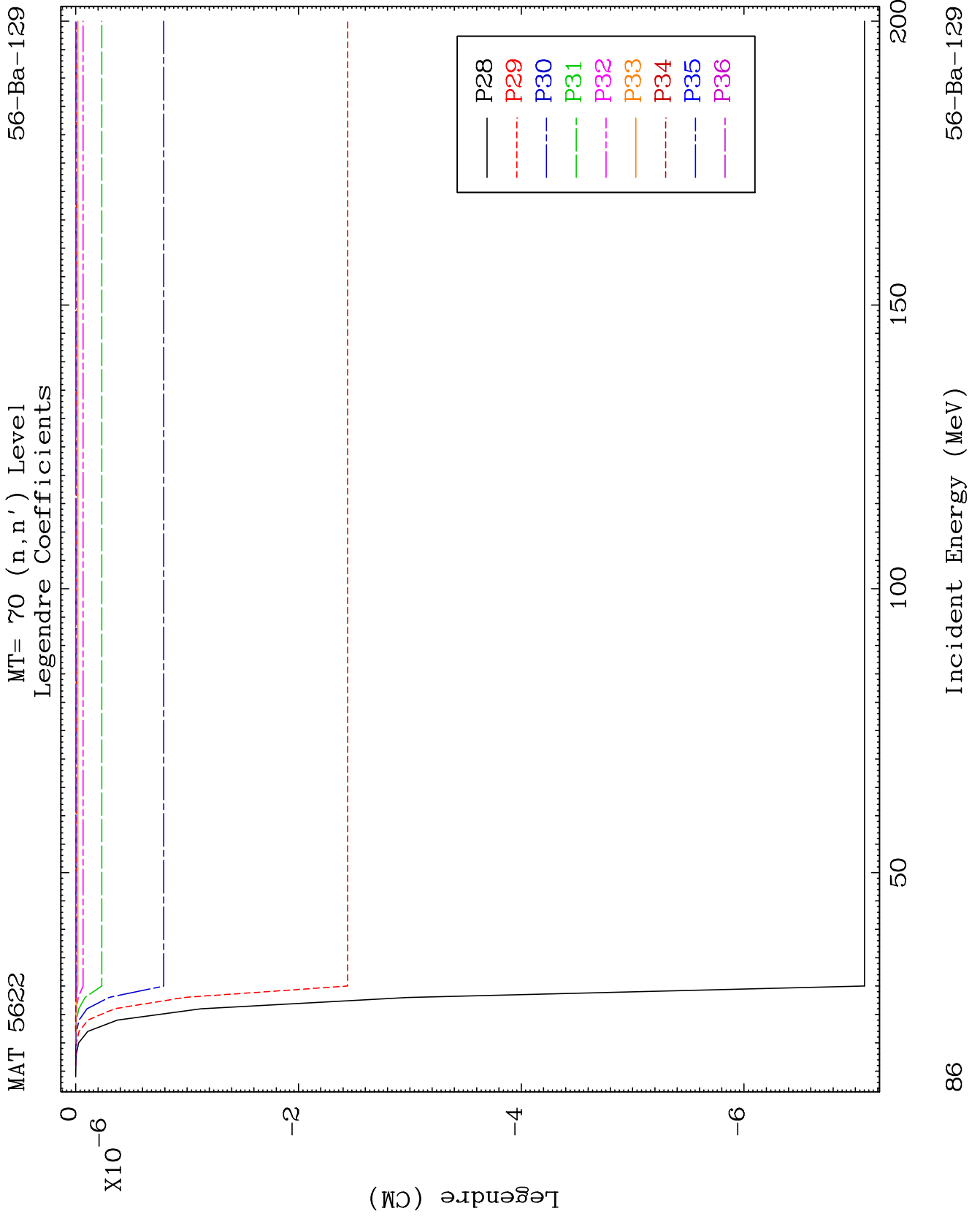


84

Incident Energy (MeV)

56-Ba-129

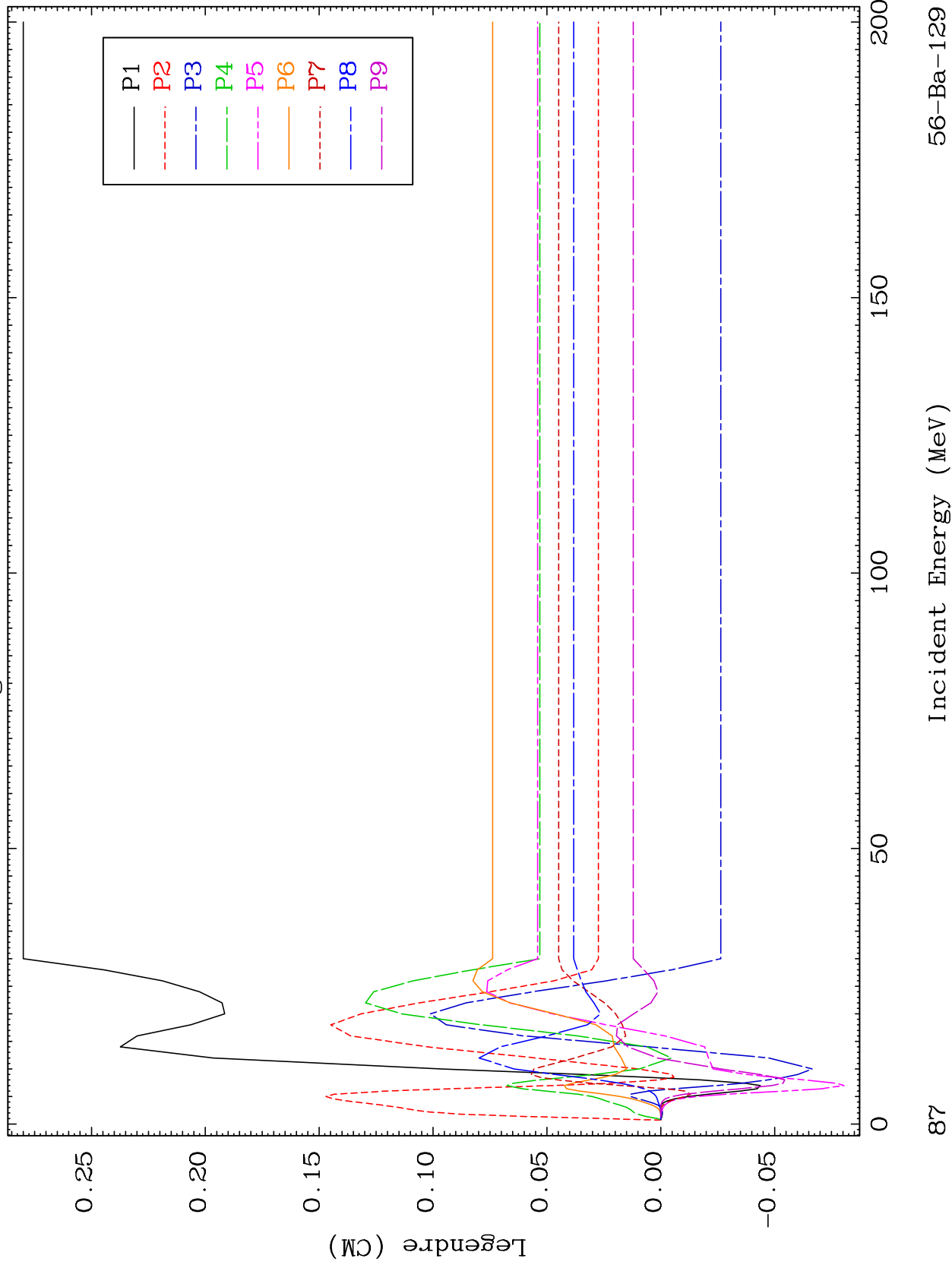




MAT 5622

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

56-Ba-129



56-Ba-129

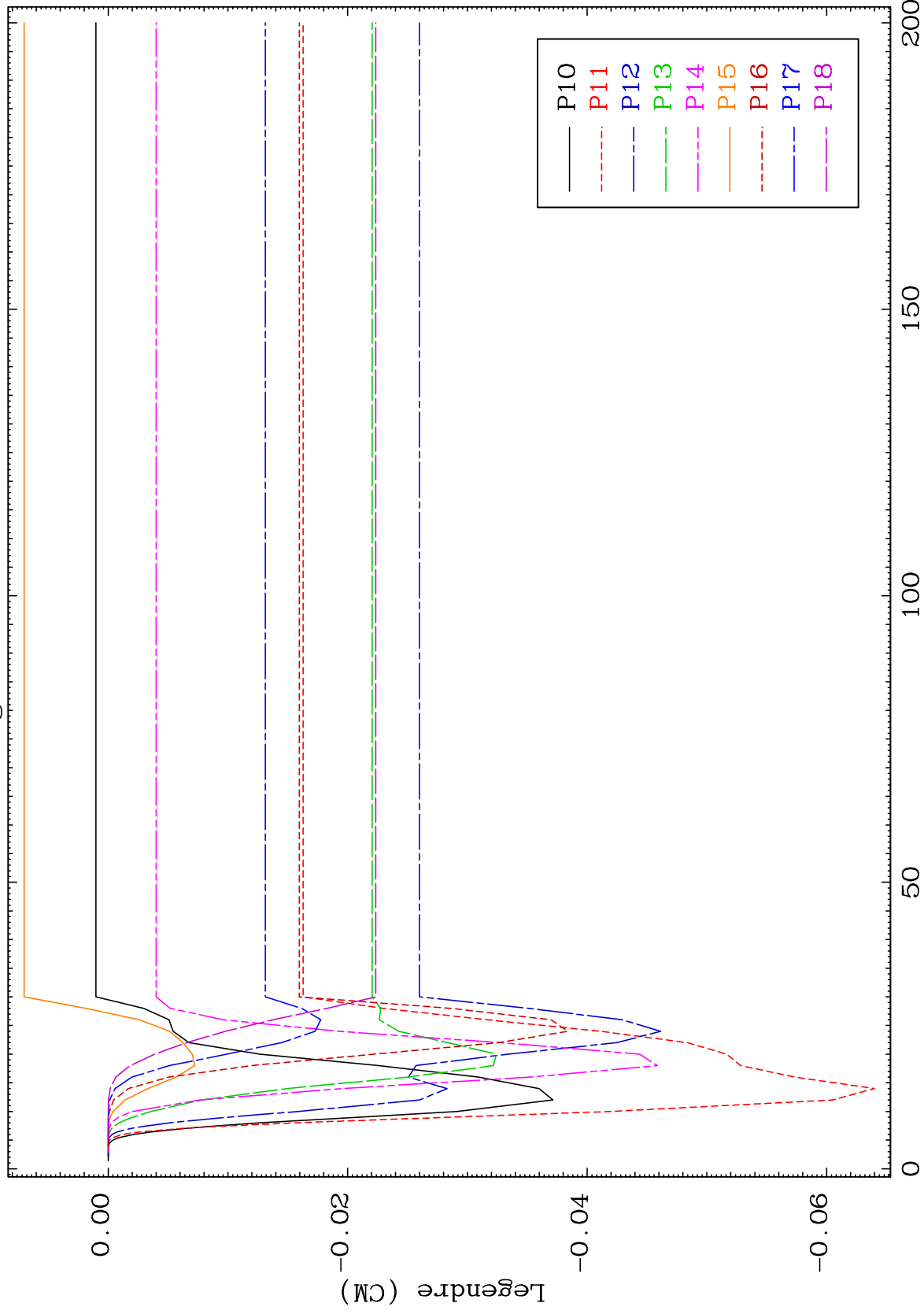
Incident Energy (MeV)

87

MAT 5622

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

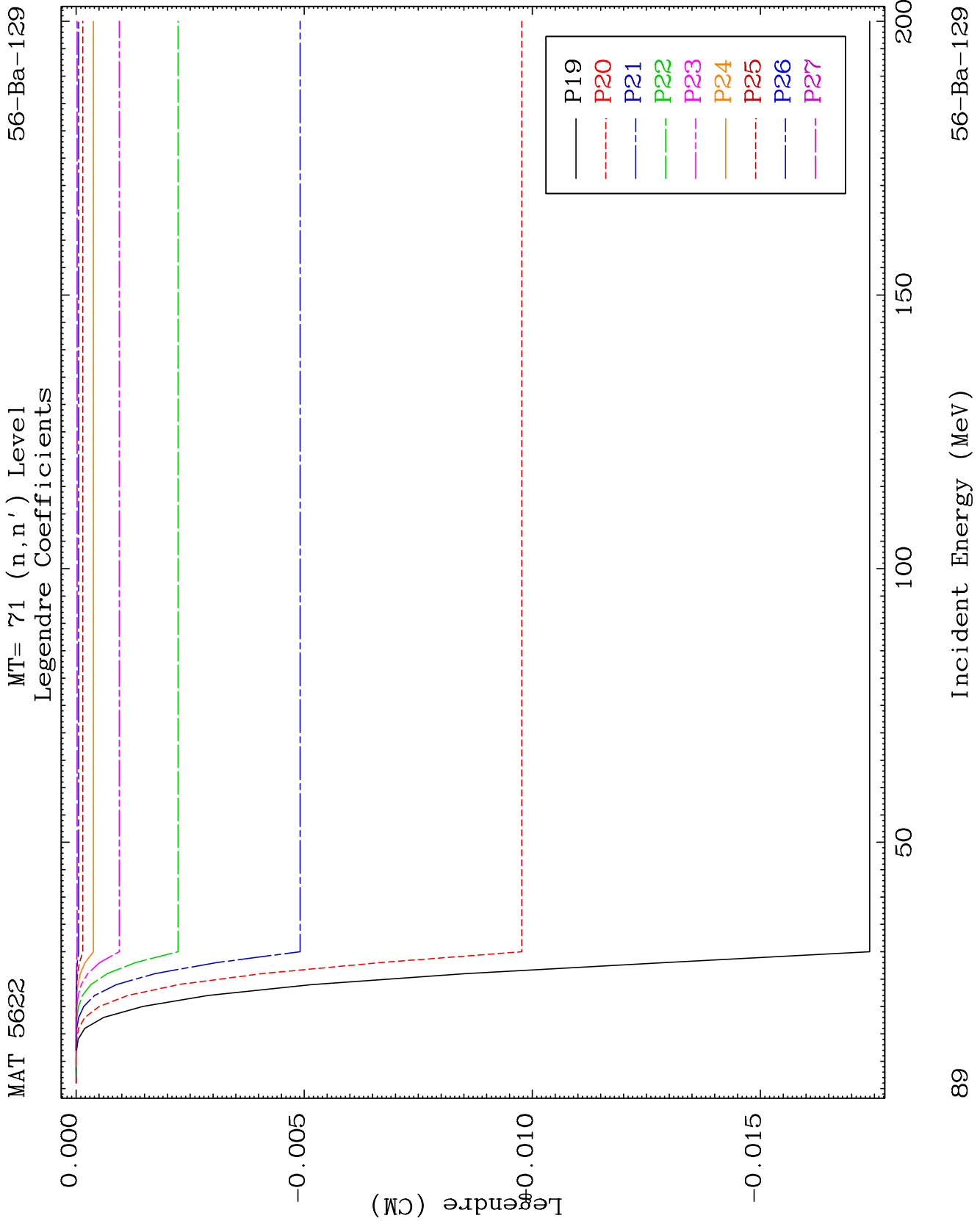
56-Ba-129

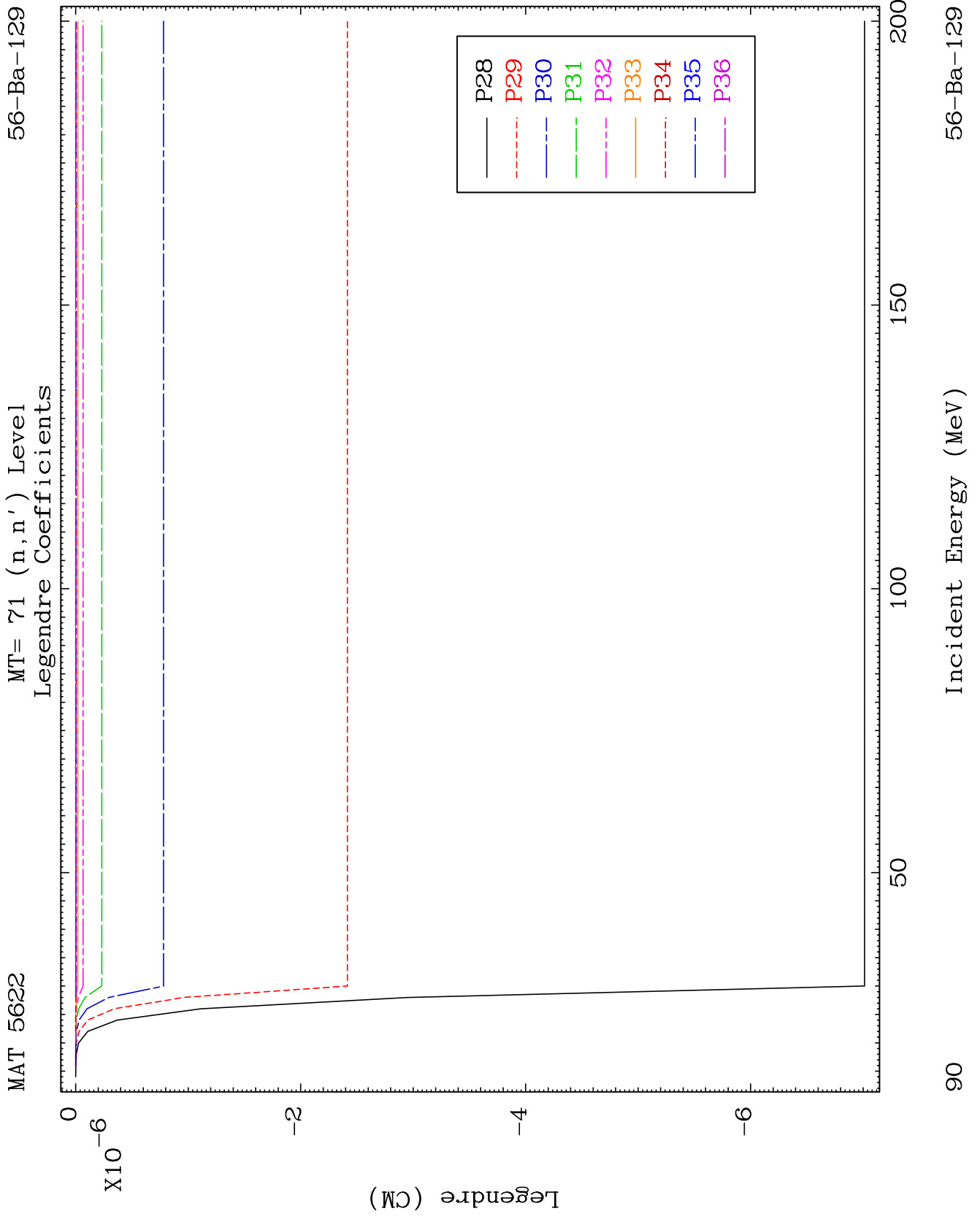


88

Incident Energy (MeV)

56-Ba-129

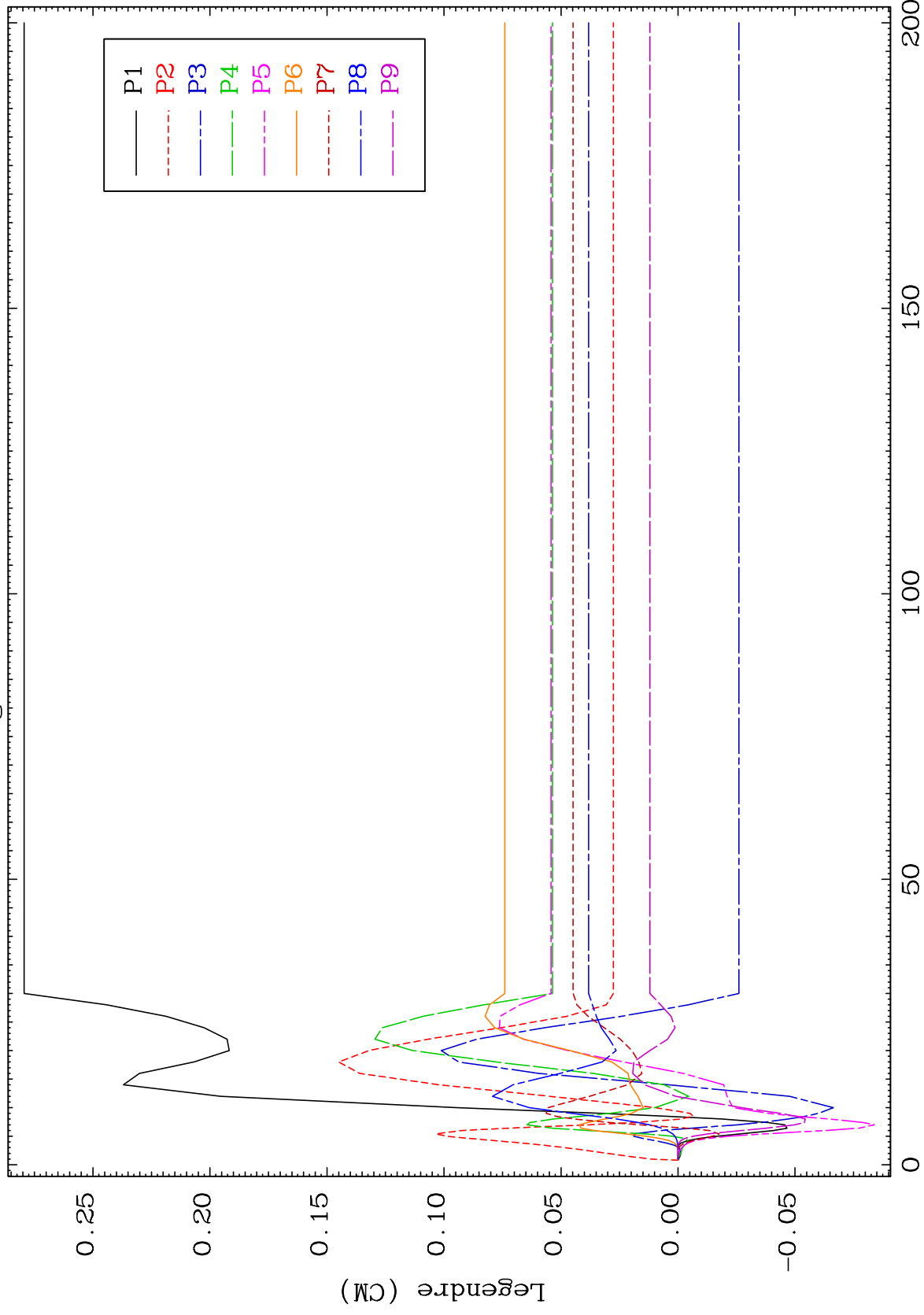




MAT 5622

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

56-Ba-129



91

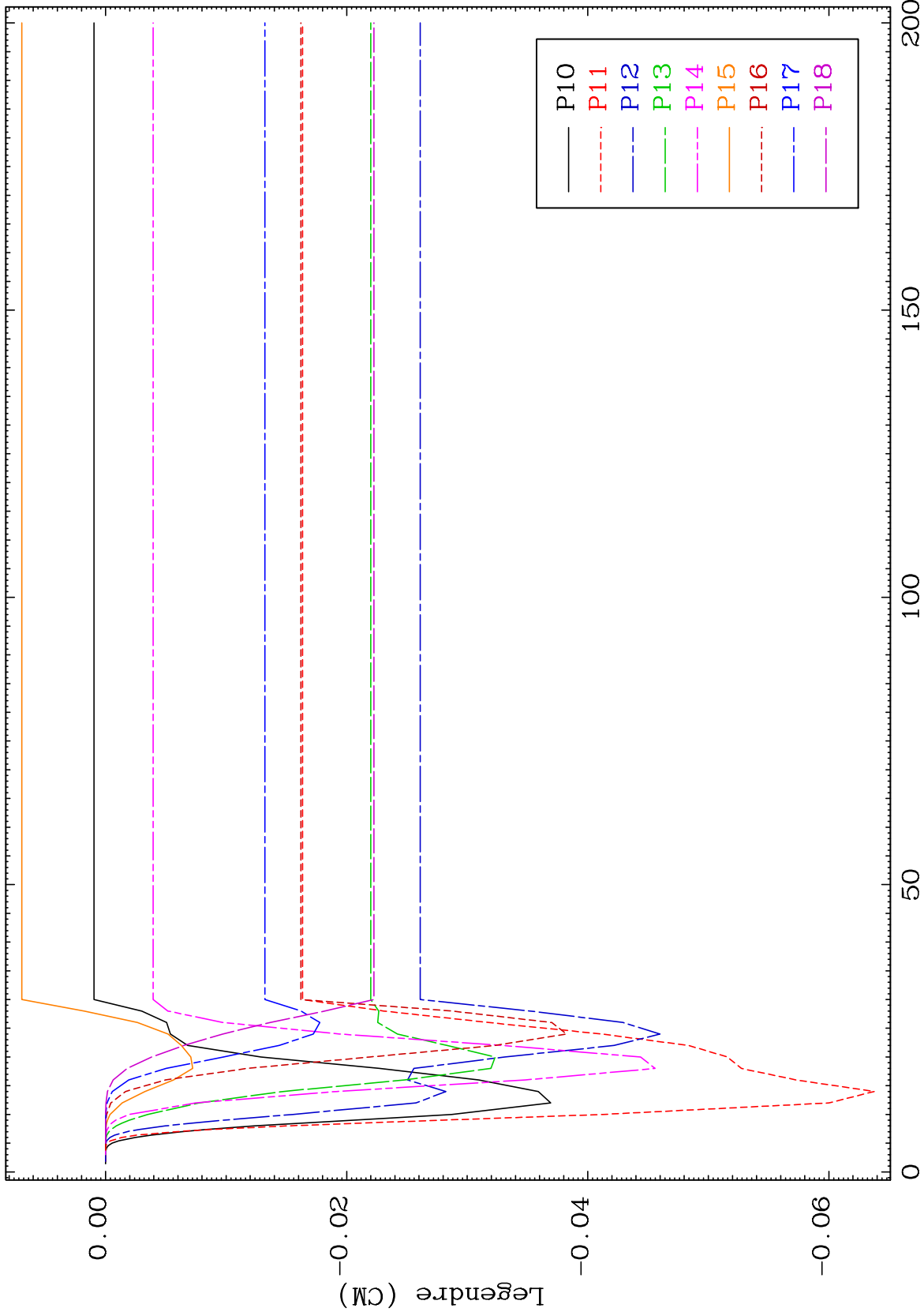
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

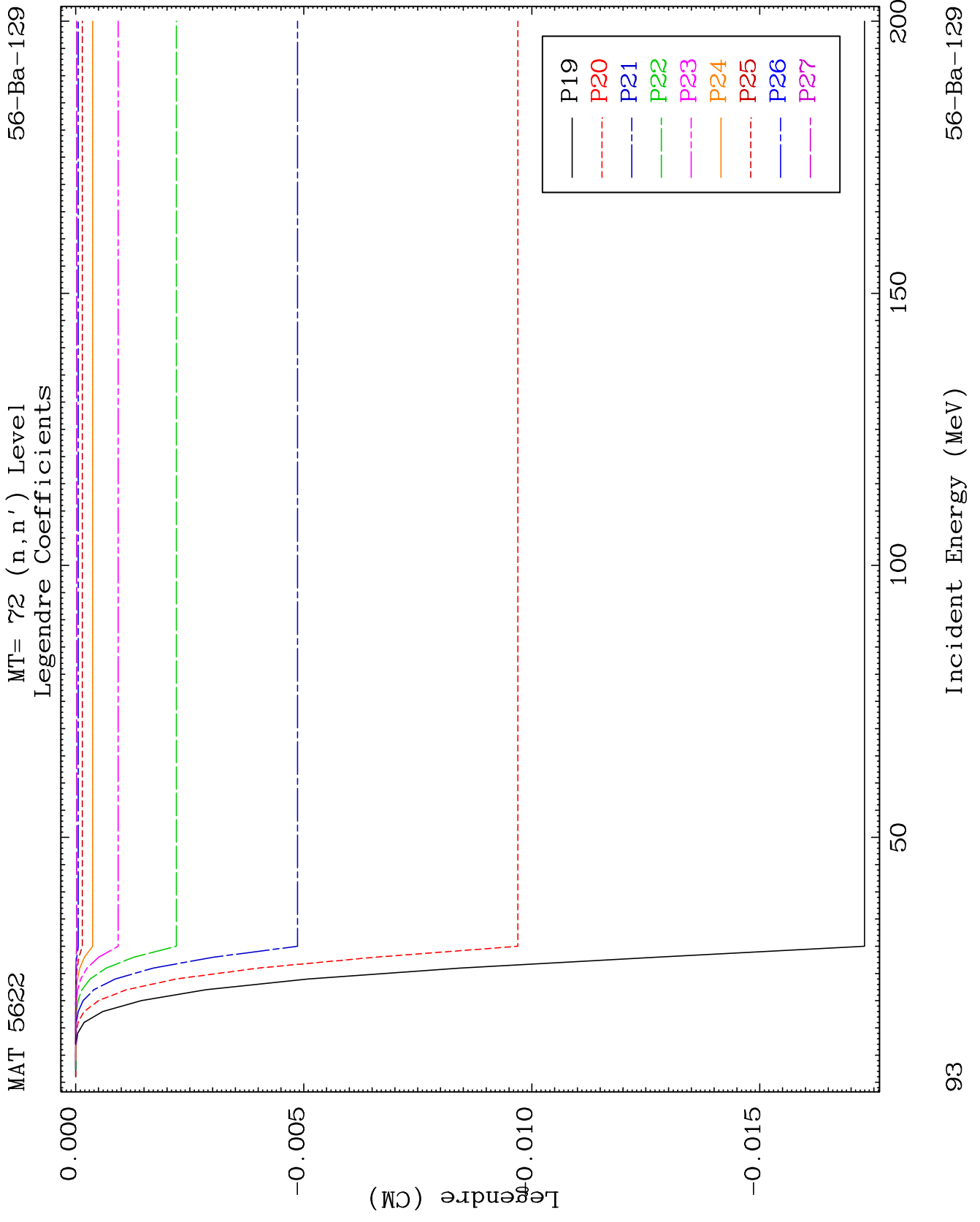
56-Ba-129



92

Incident Energy (MeV)

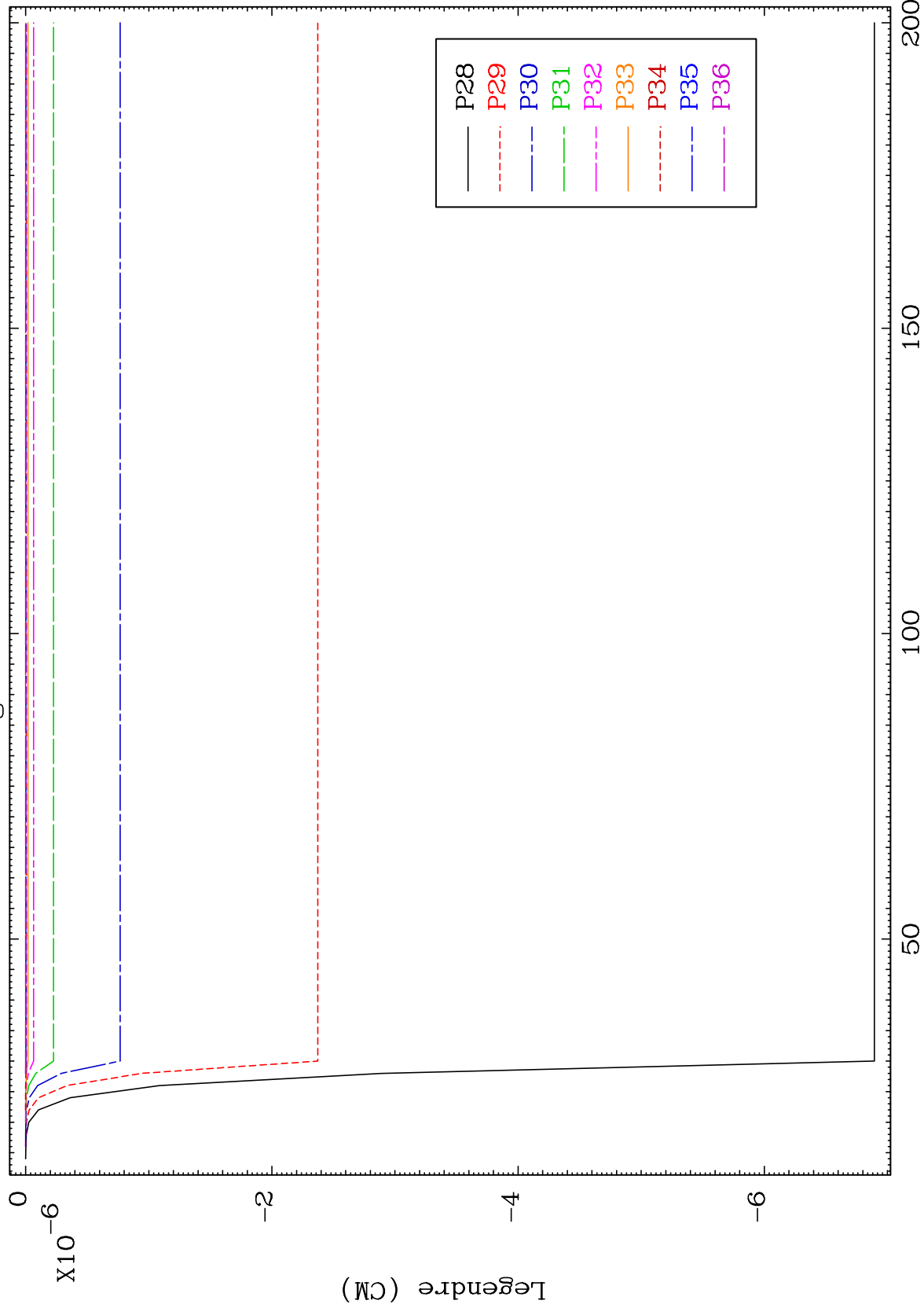
56-Ba-129



MAT 5622

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

56-Ba-129



94

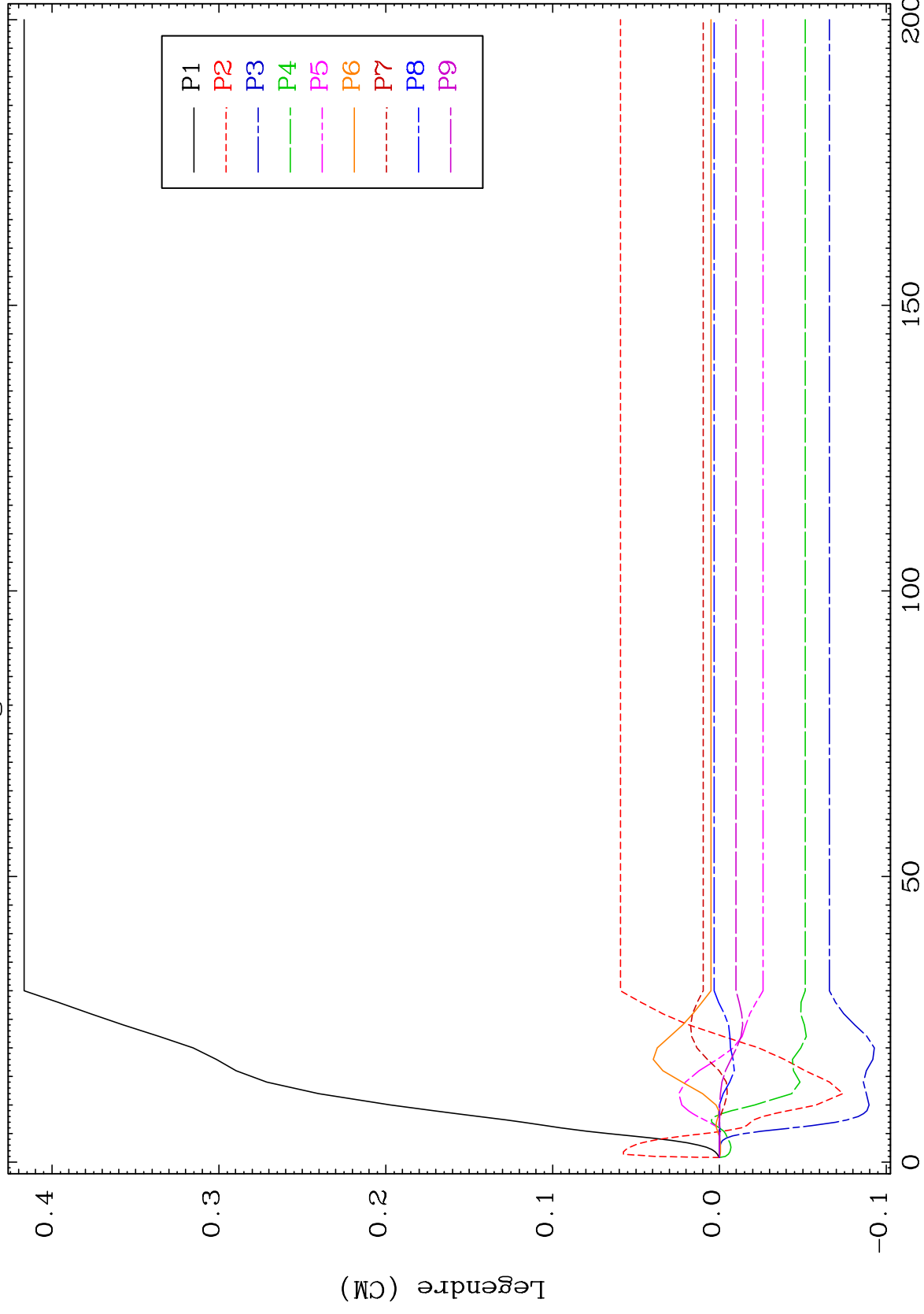
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

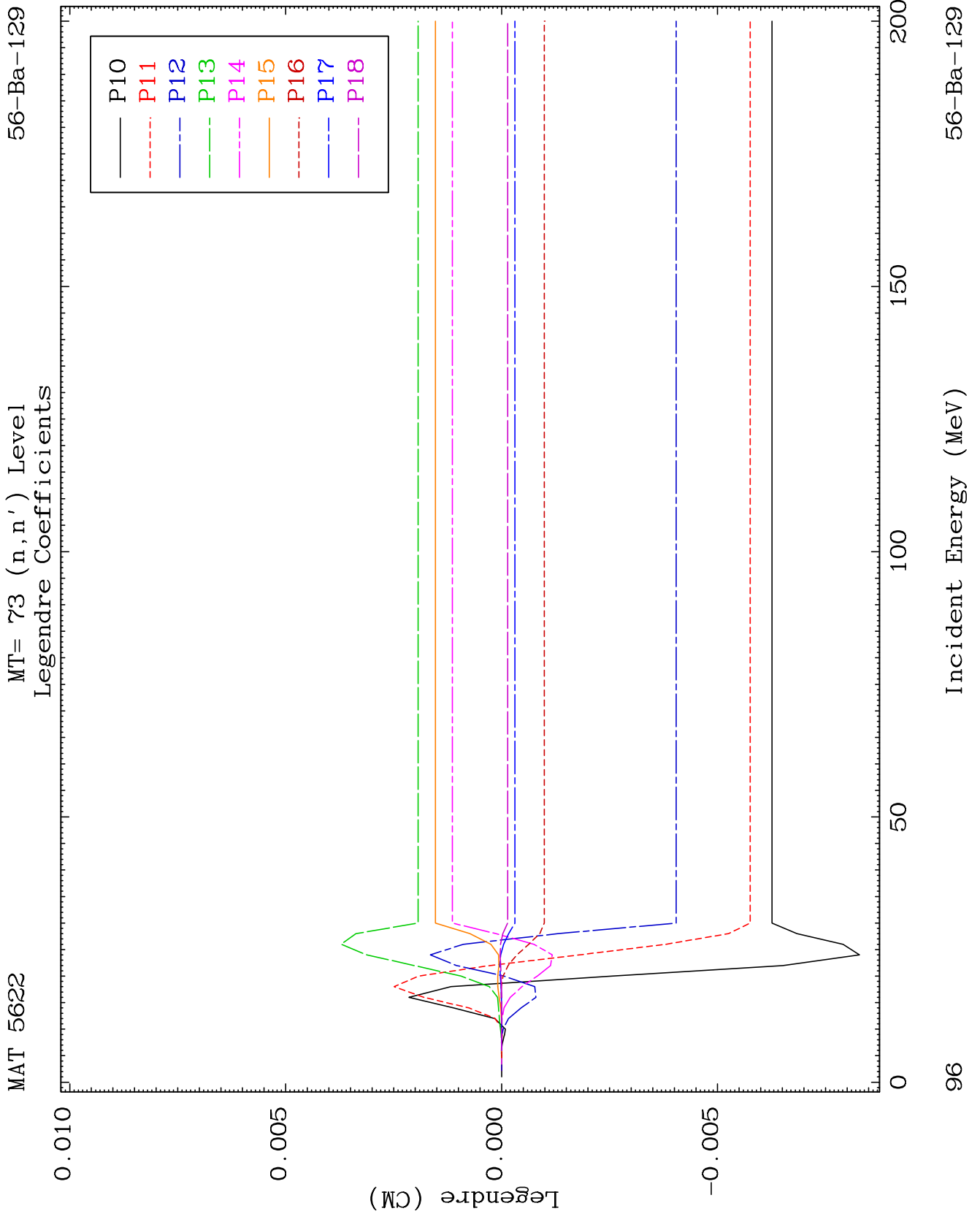
56-Ba-129



95

Incident Energy (MeV)

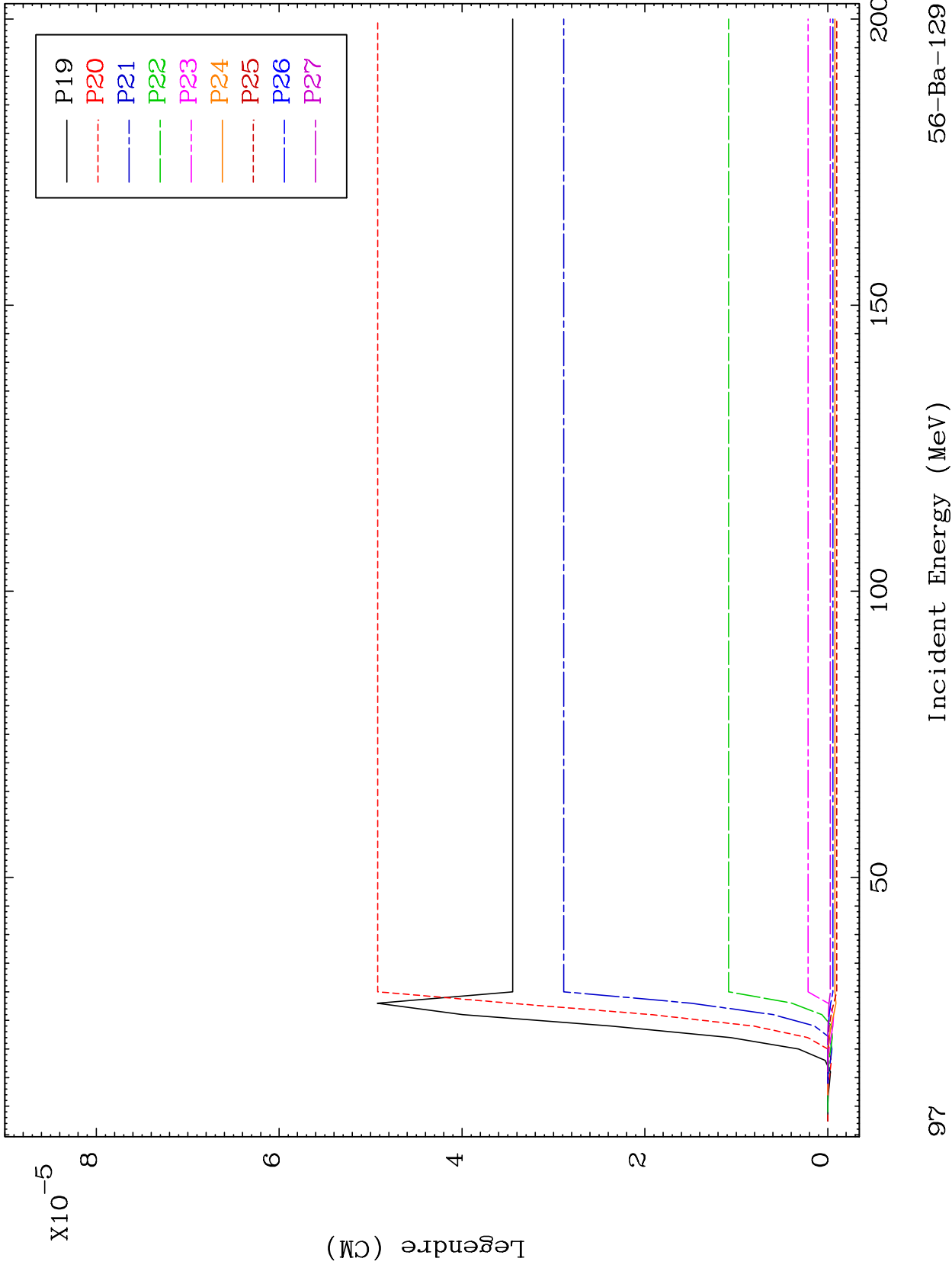
56-Ba-129



MAT 5622

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

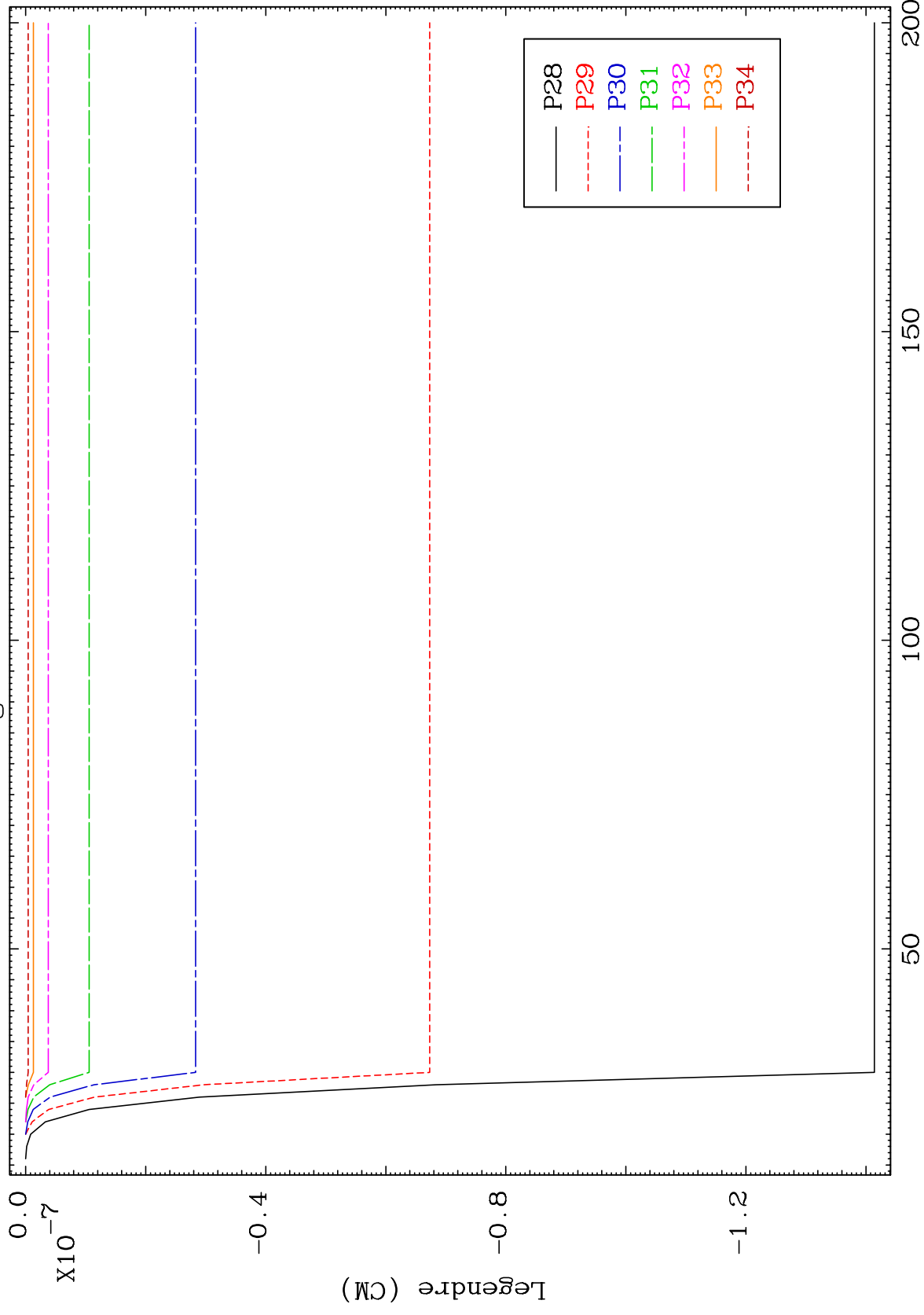
56-Ba-129



MAT 5622

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

56-Ba-129



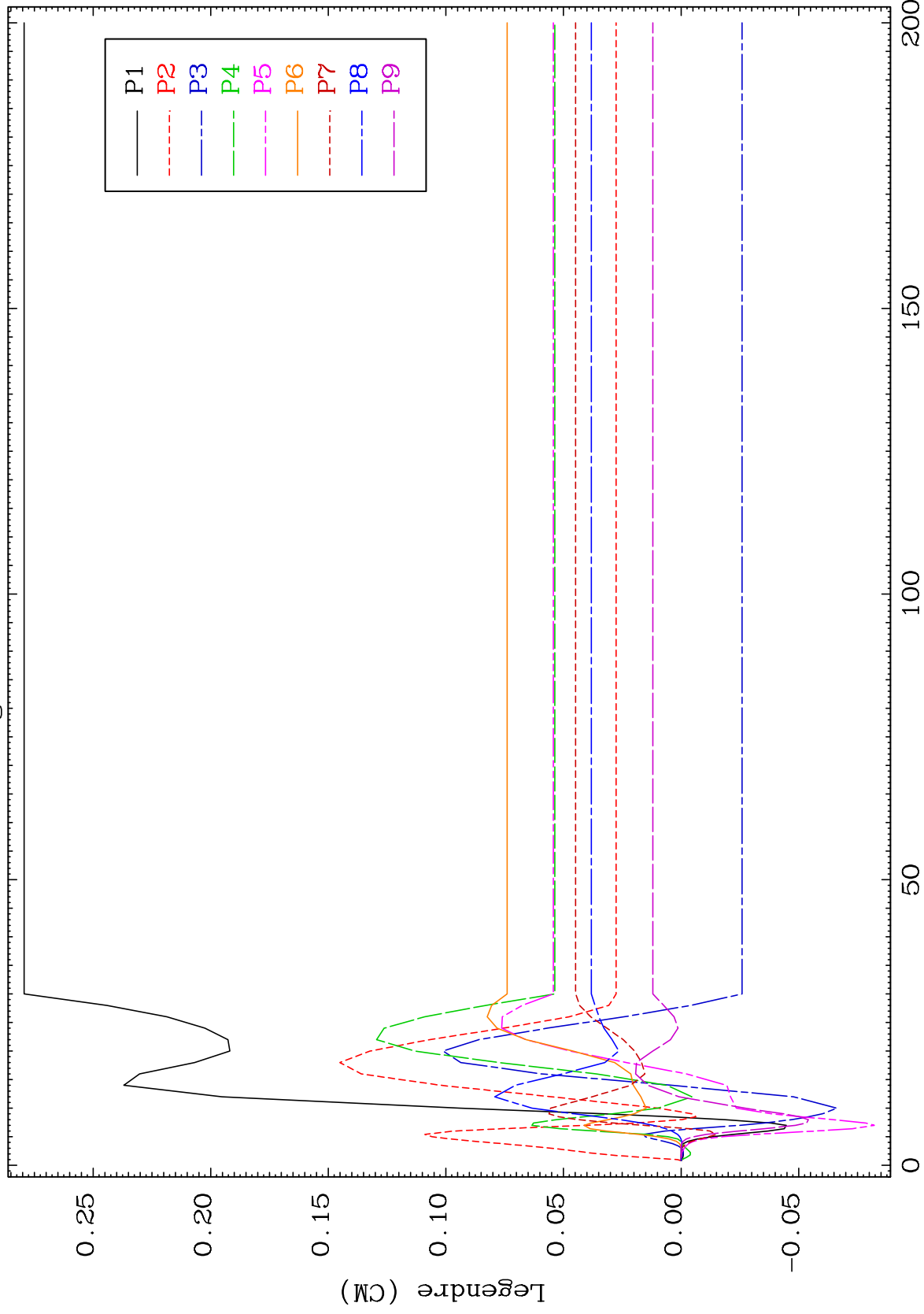
98

56-Ba-129

MAT 5622

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

56-Ba-129



56-Ba-129

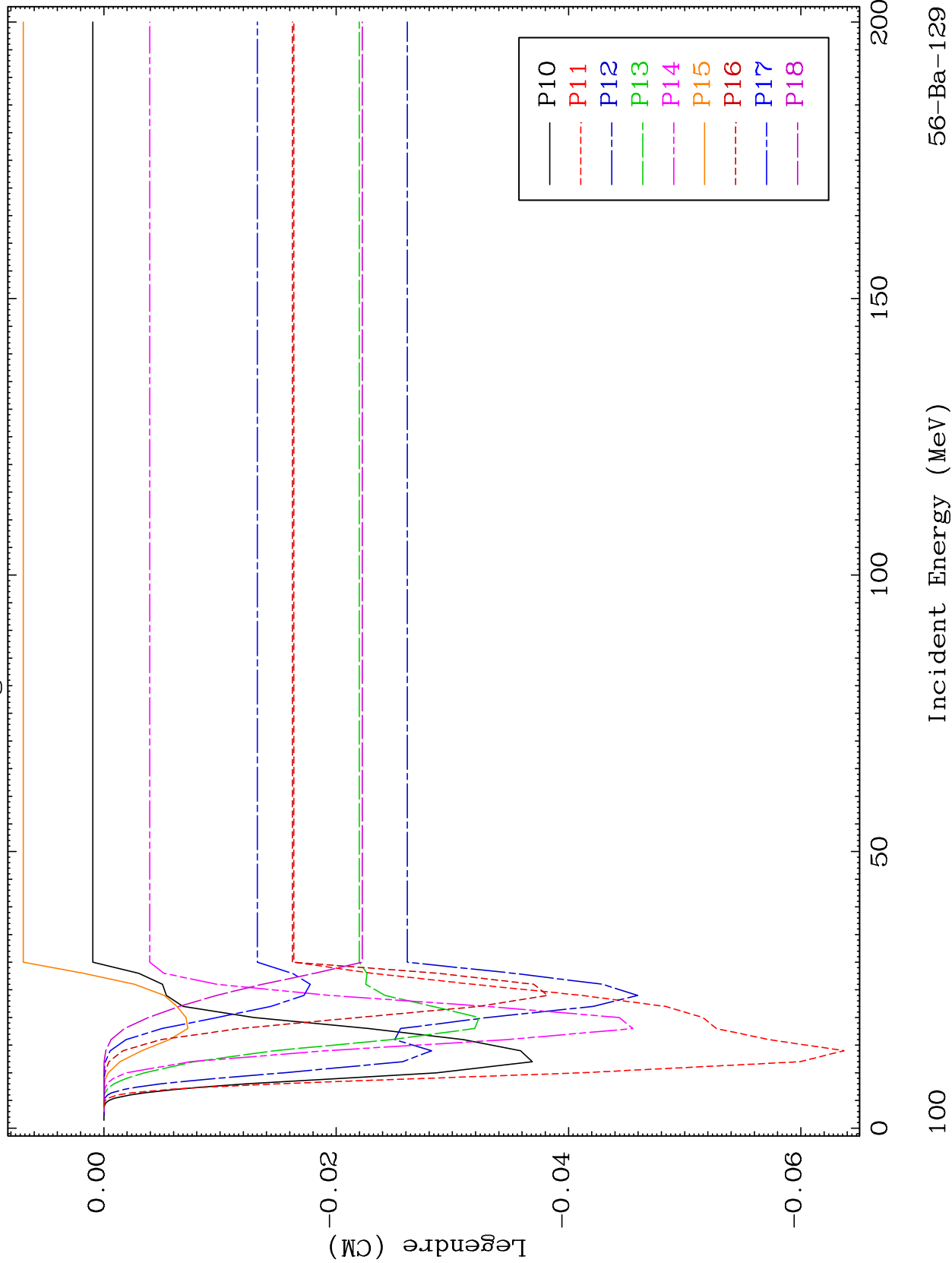
Incident Energy (MeV)

99

MAT 5622

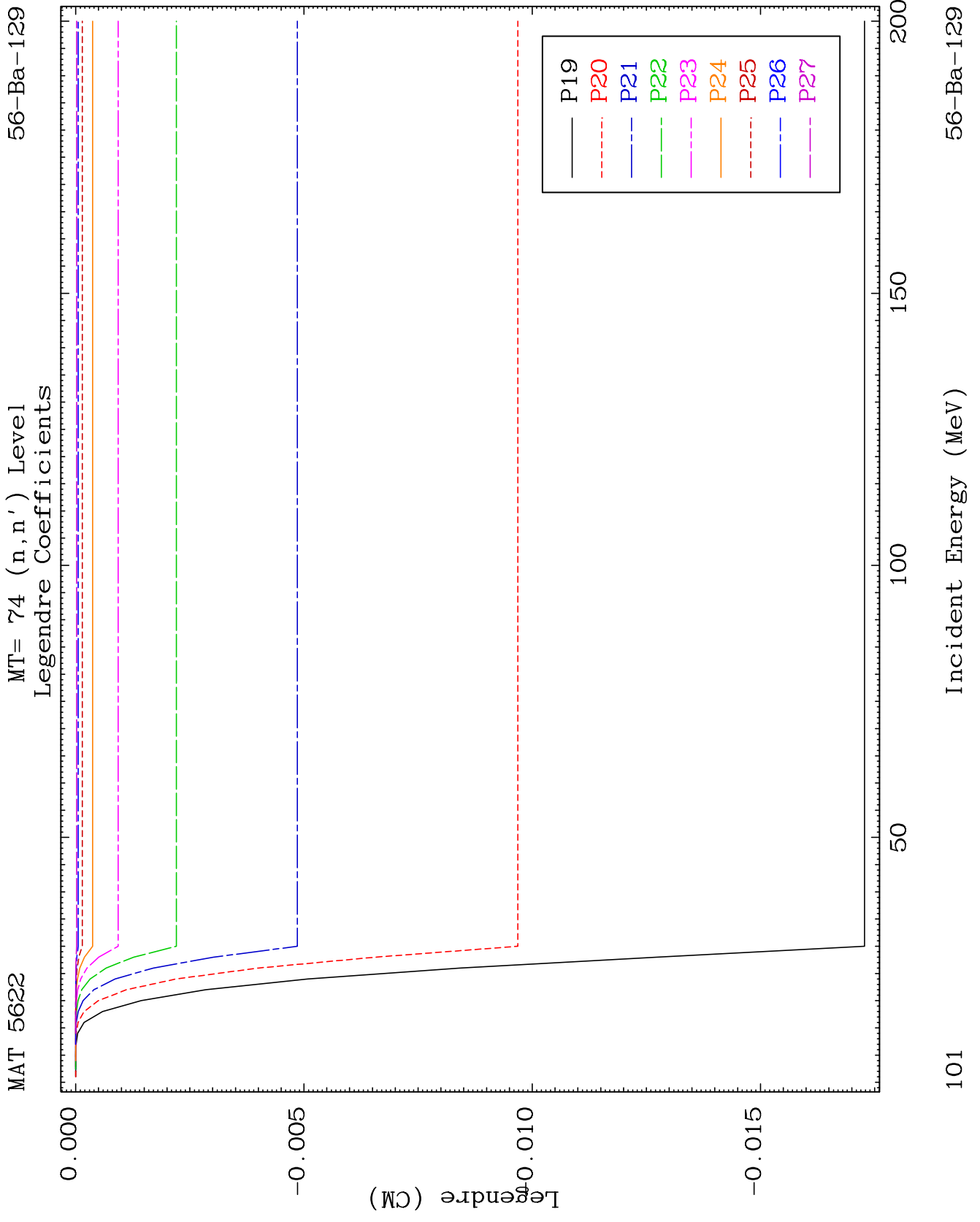
MT= 74 (n,n') Level
Legendre Coefficients

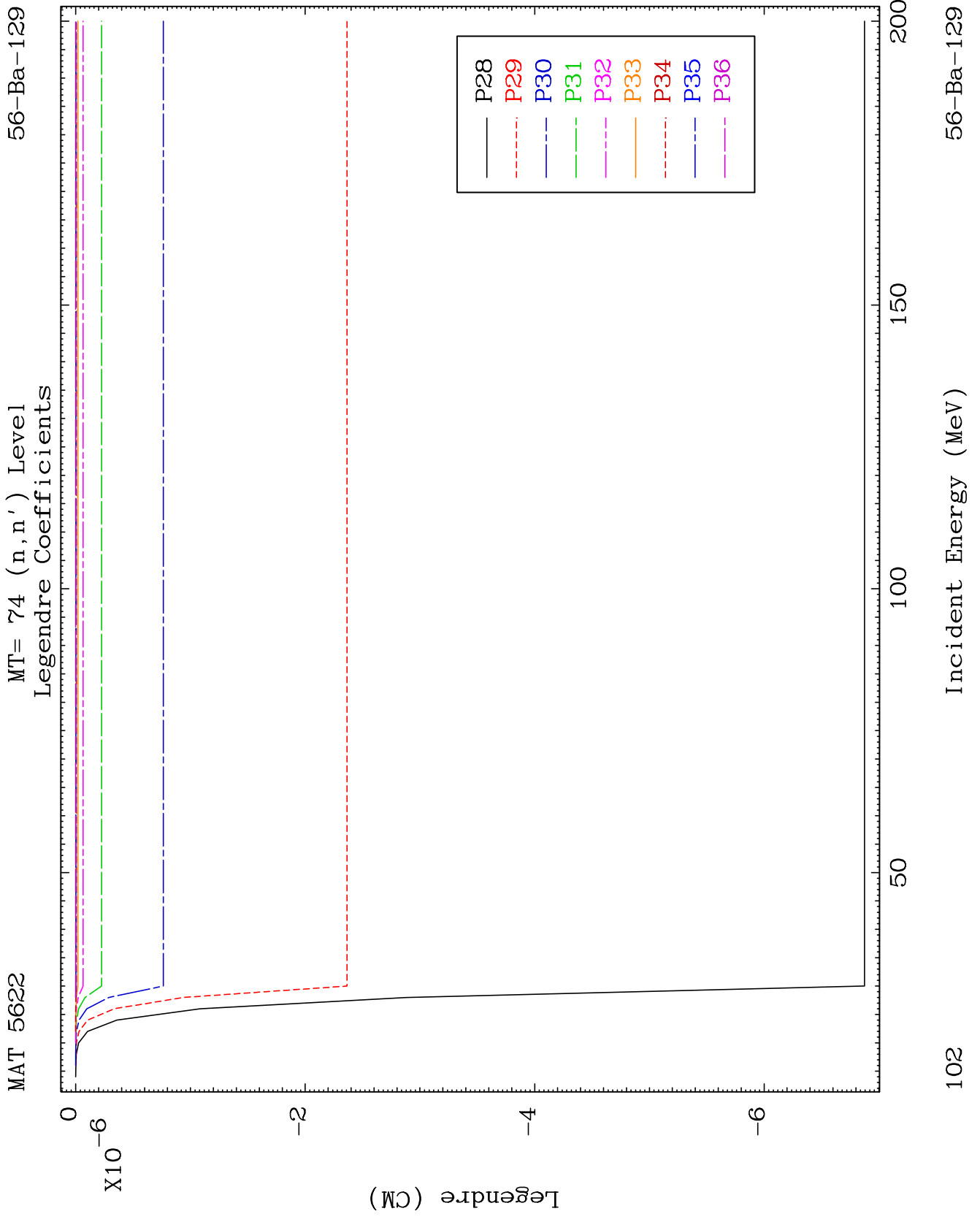
56-Ba-129



56-Ba-129

Incident Energy (MeV)

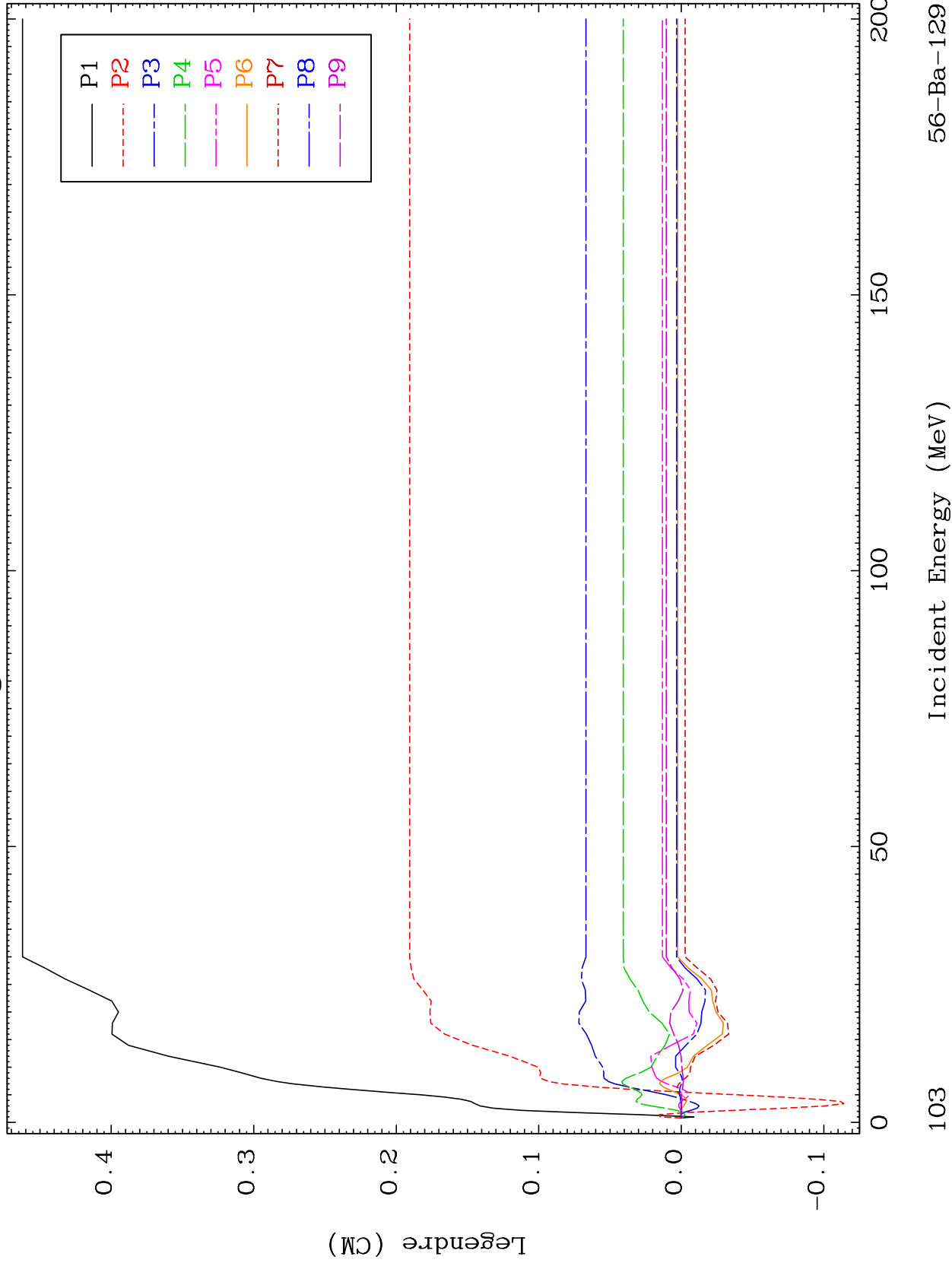




MAT 5622

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

56-Ba-129



56-Ba-129

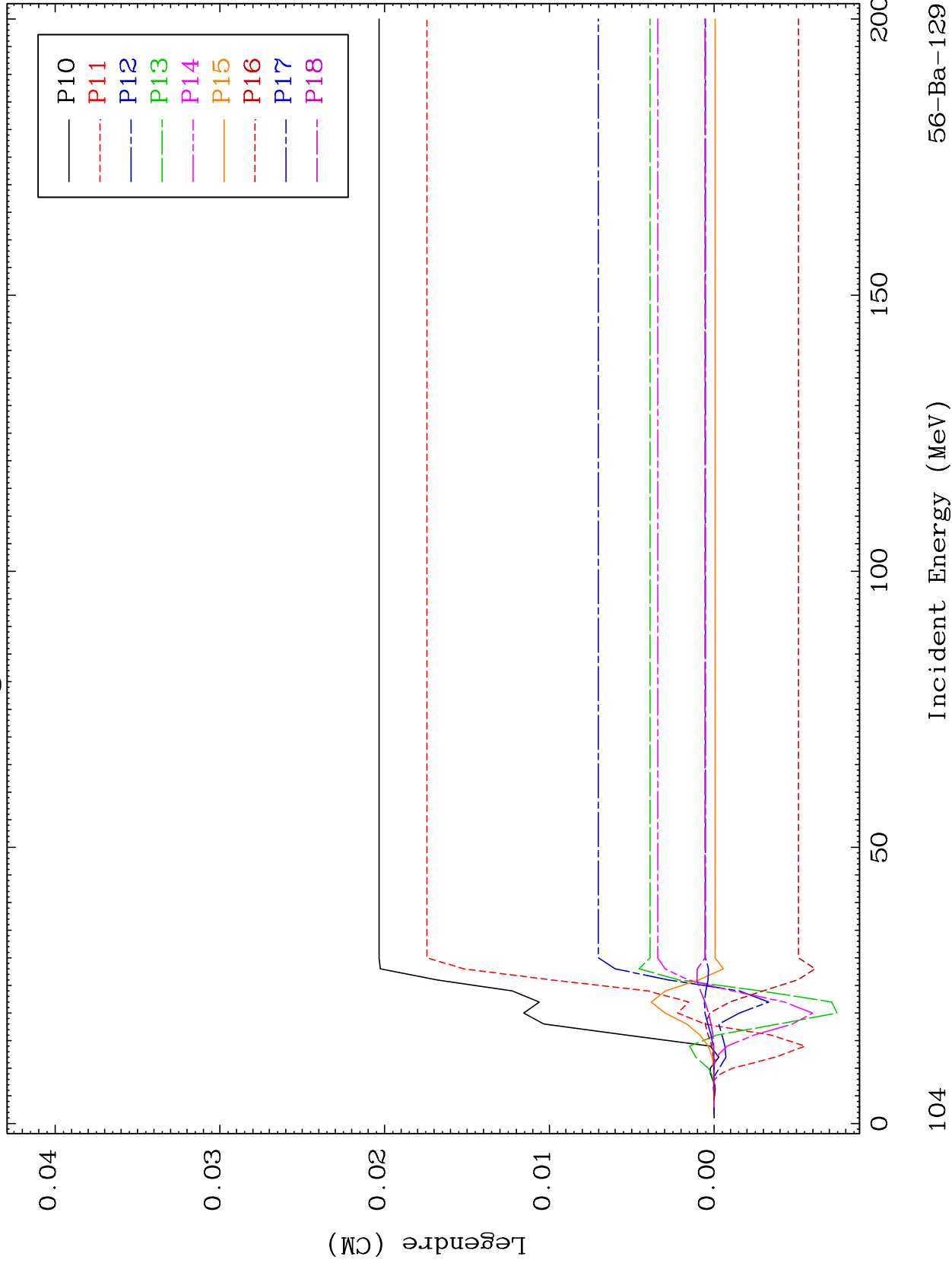
Incident Energy (MeV)

103

MAT 5622

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

56-Ba-129



56-Ba-129

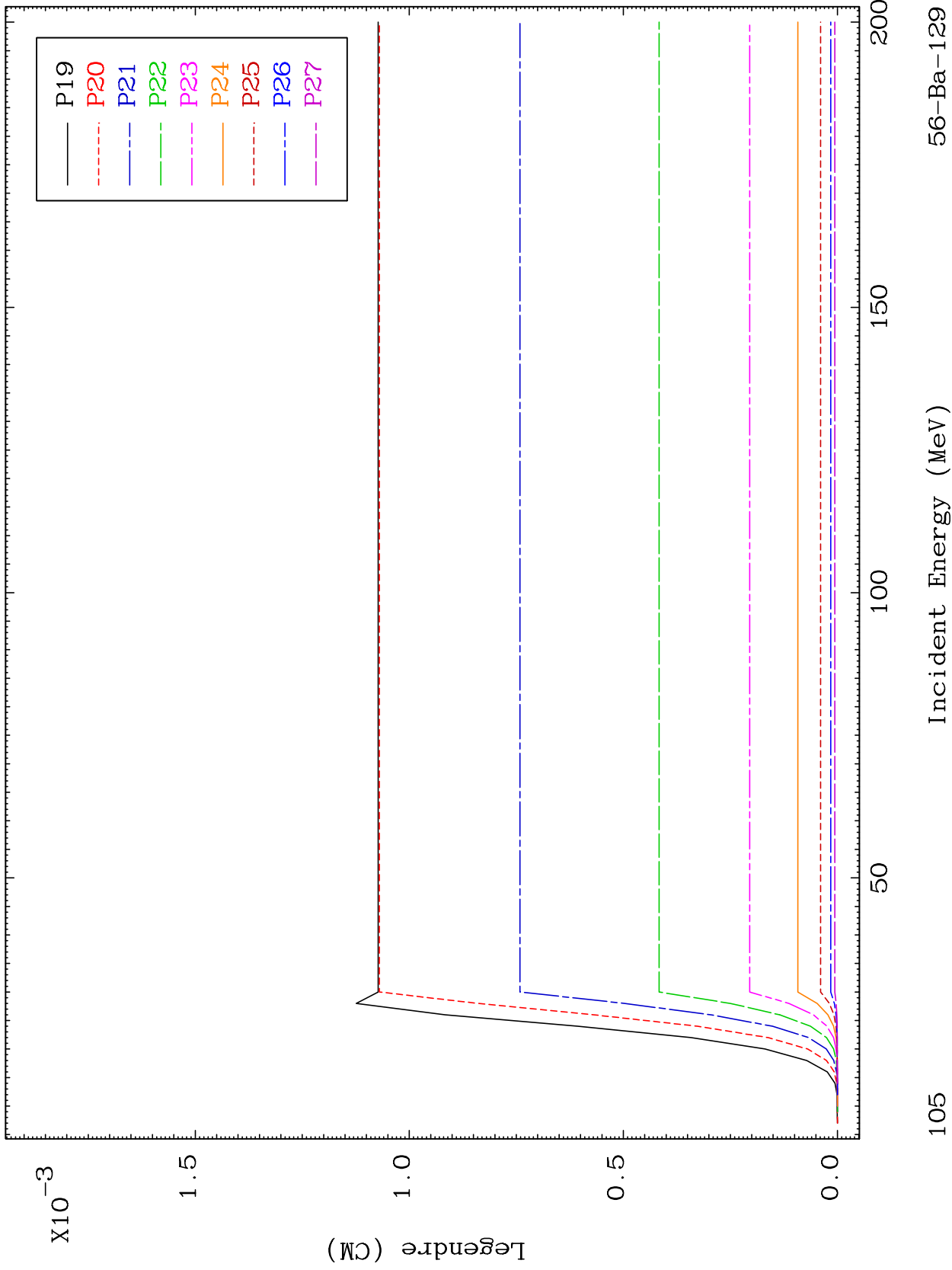
Incident Energy (MeV)

104

MAT 5622

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

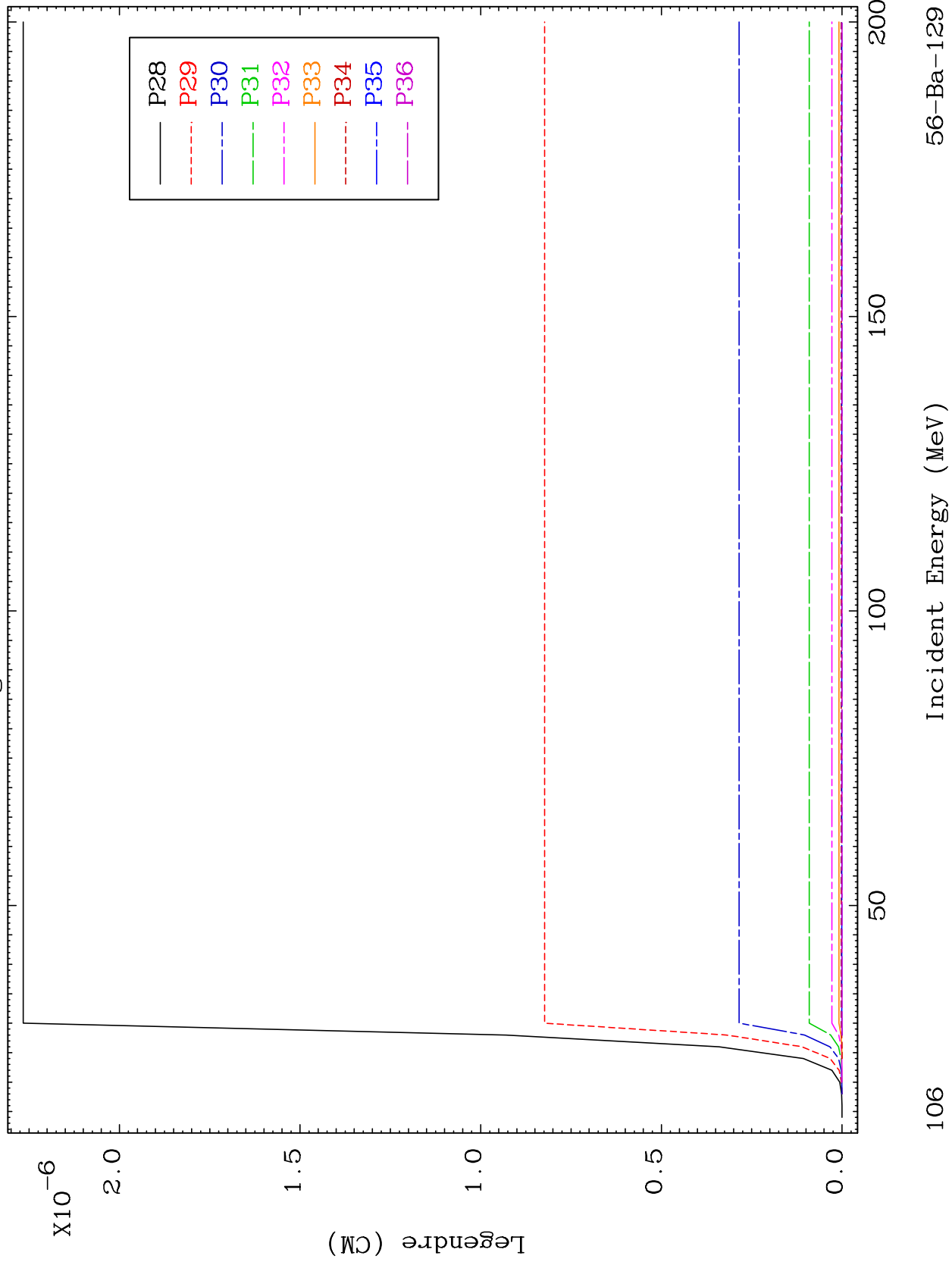
56-Ba-129



MAT 5622

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

56-Ba-129



106

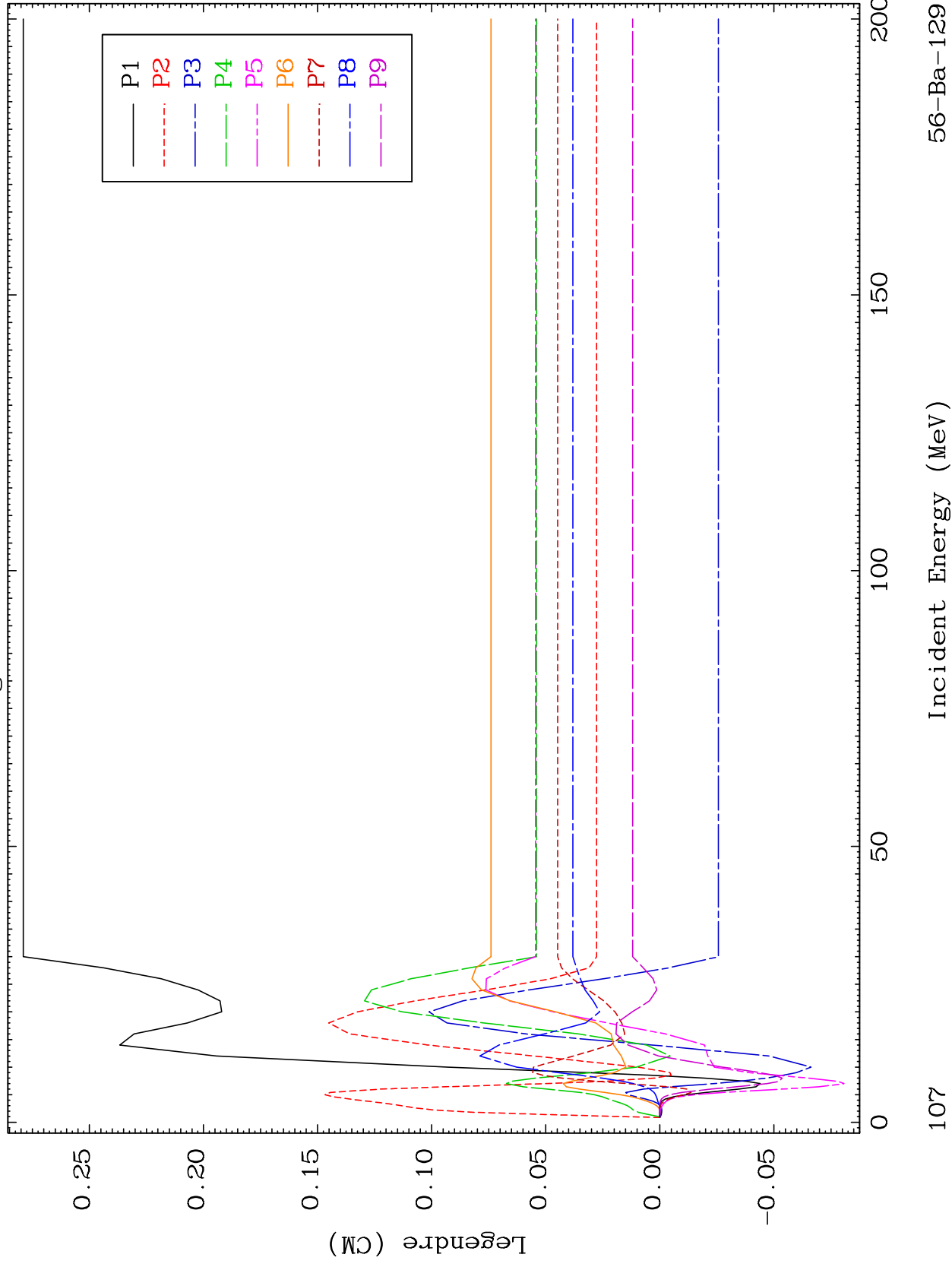
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

56-Ba-129



56-Ba-129

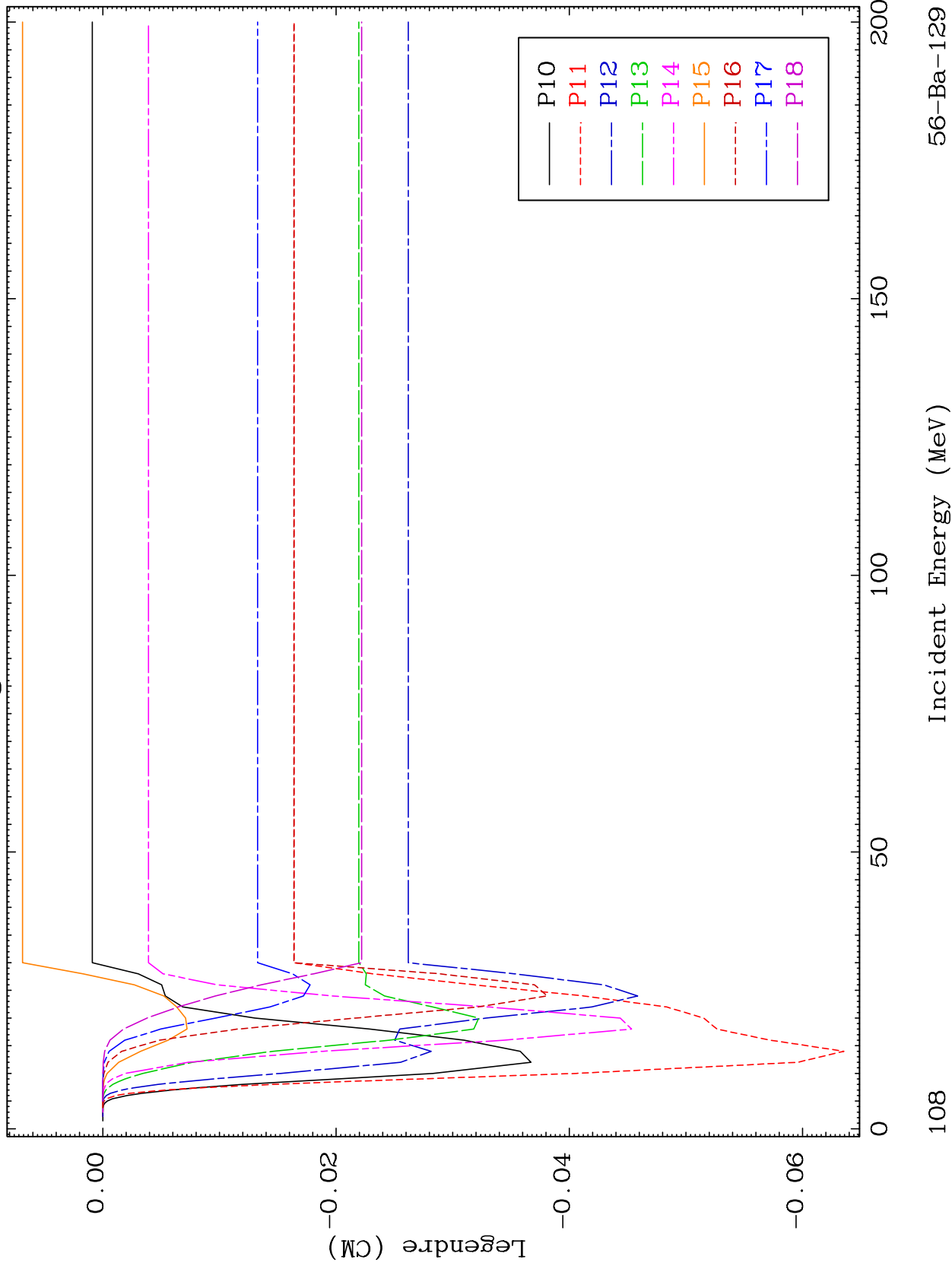
Incident Energy (MeV)

107

MAT 5622

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

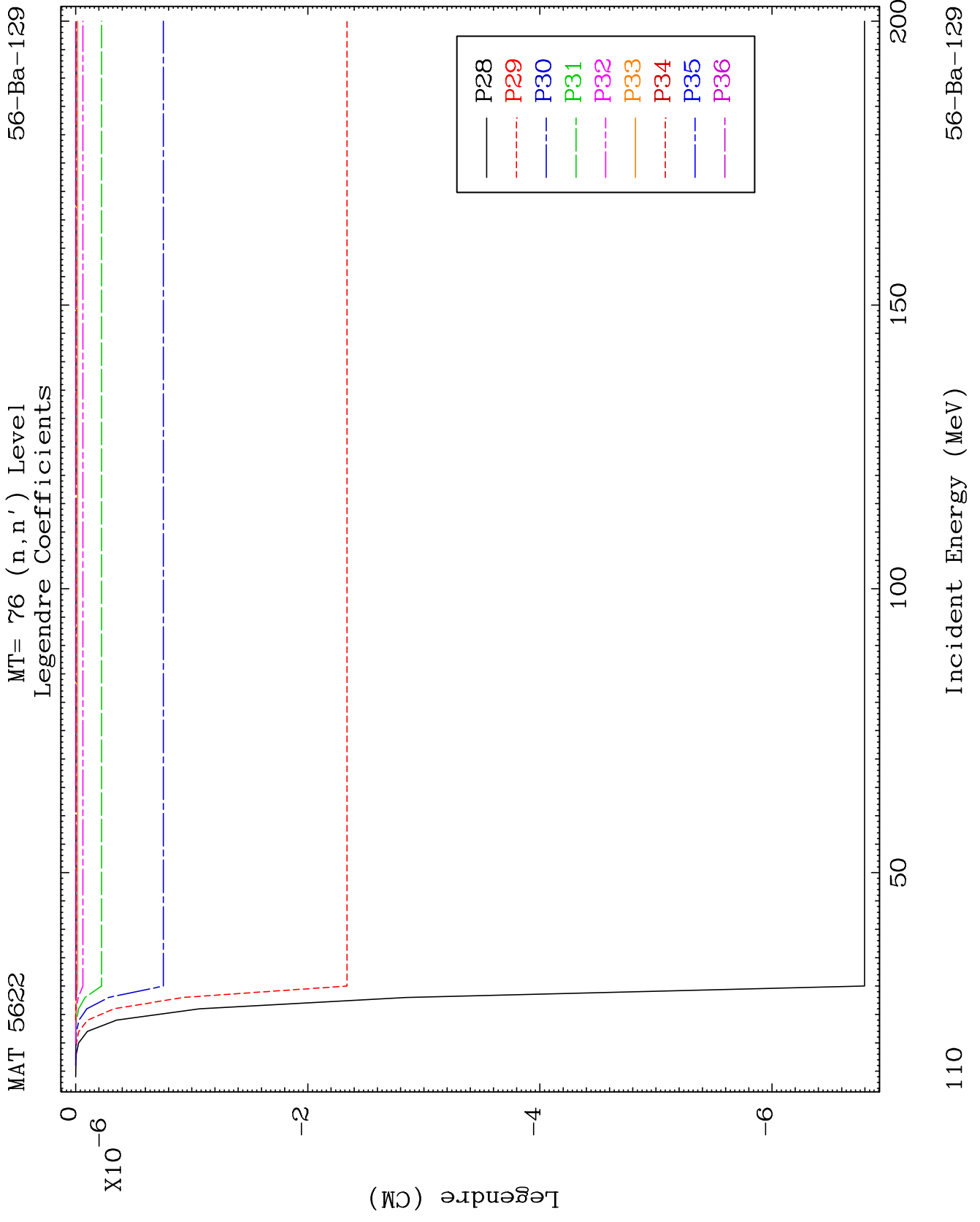
56-Ba-129



56-Ba-129

Incident Energy (MeV)

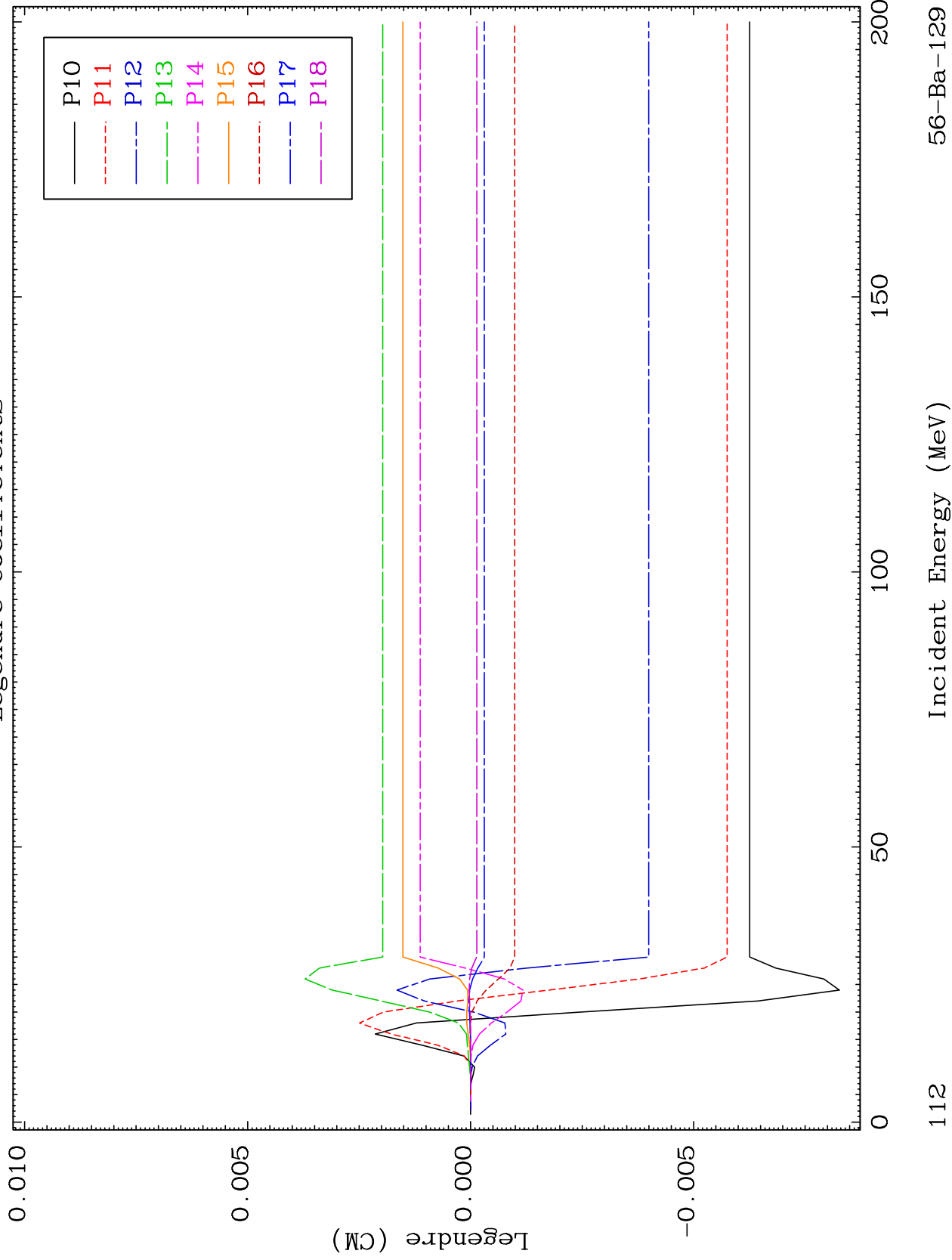
108



MAT 5622

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

56-Ba-129



56-Ba-129

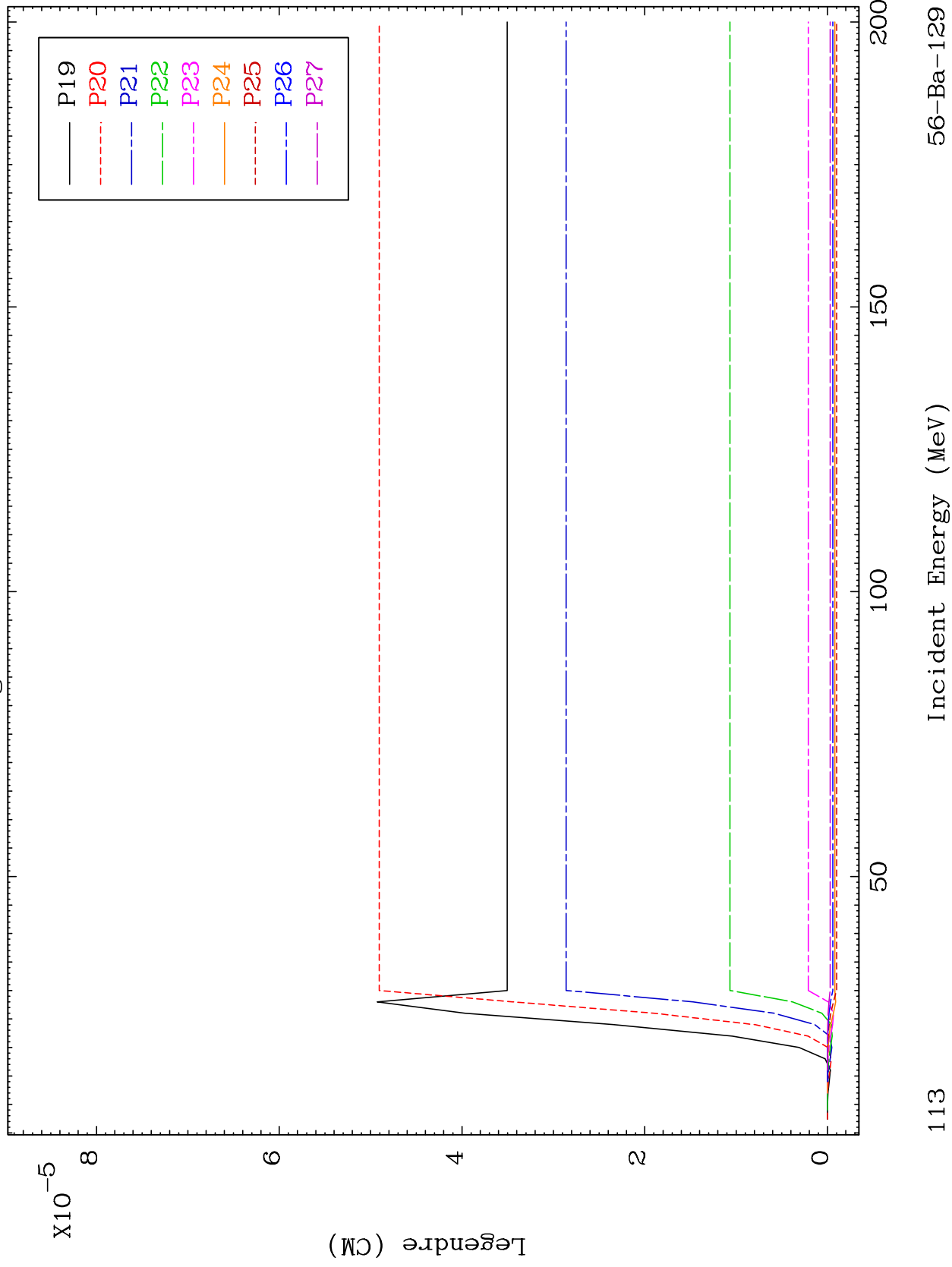
Incident Energy (MeV)

112

MAT 5622

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

56-Ba-129



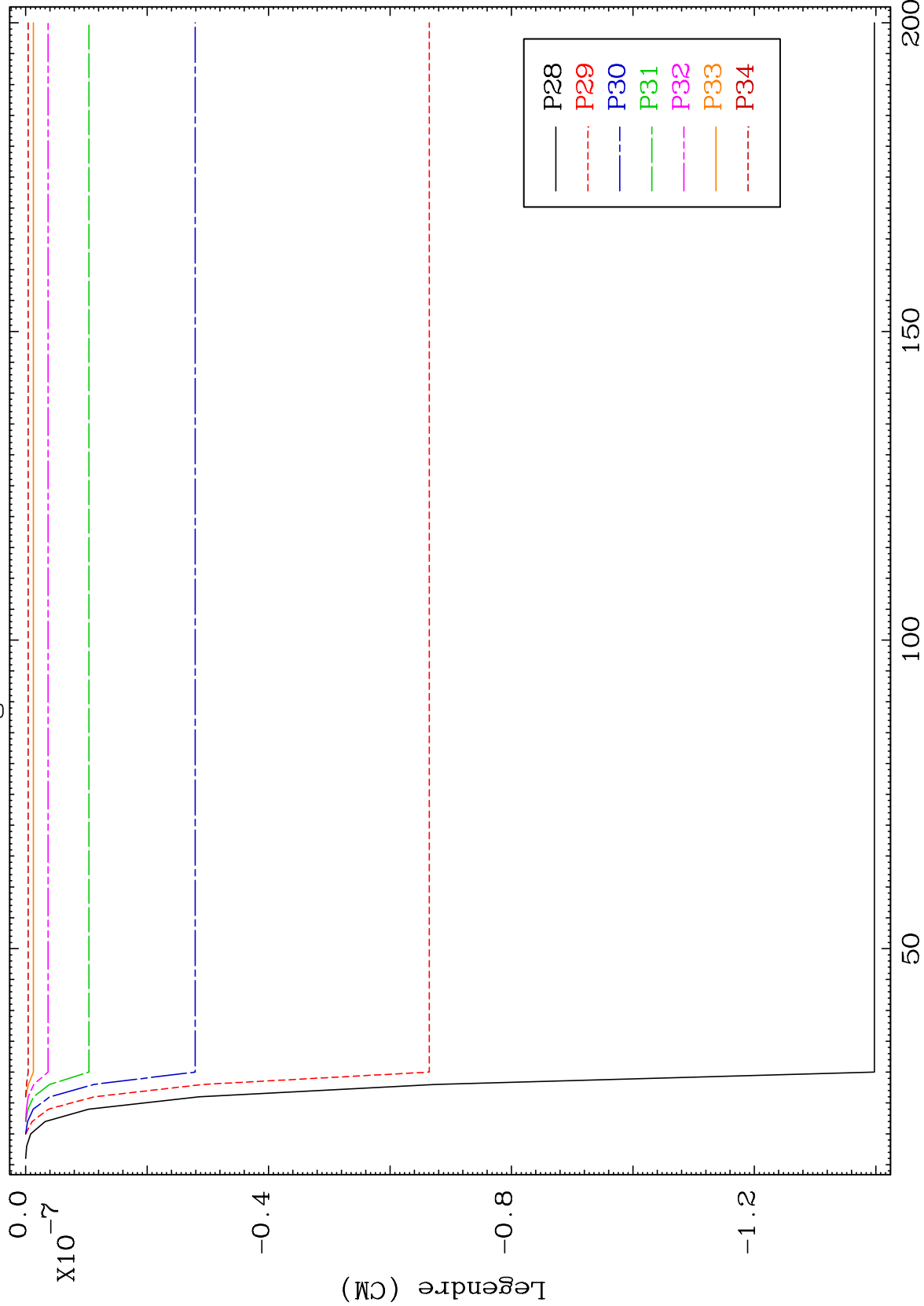
113

MAT 5622

MT= 77 (n,n') Level

56-Ba-129

Legendre Coefficients



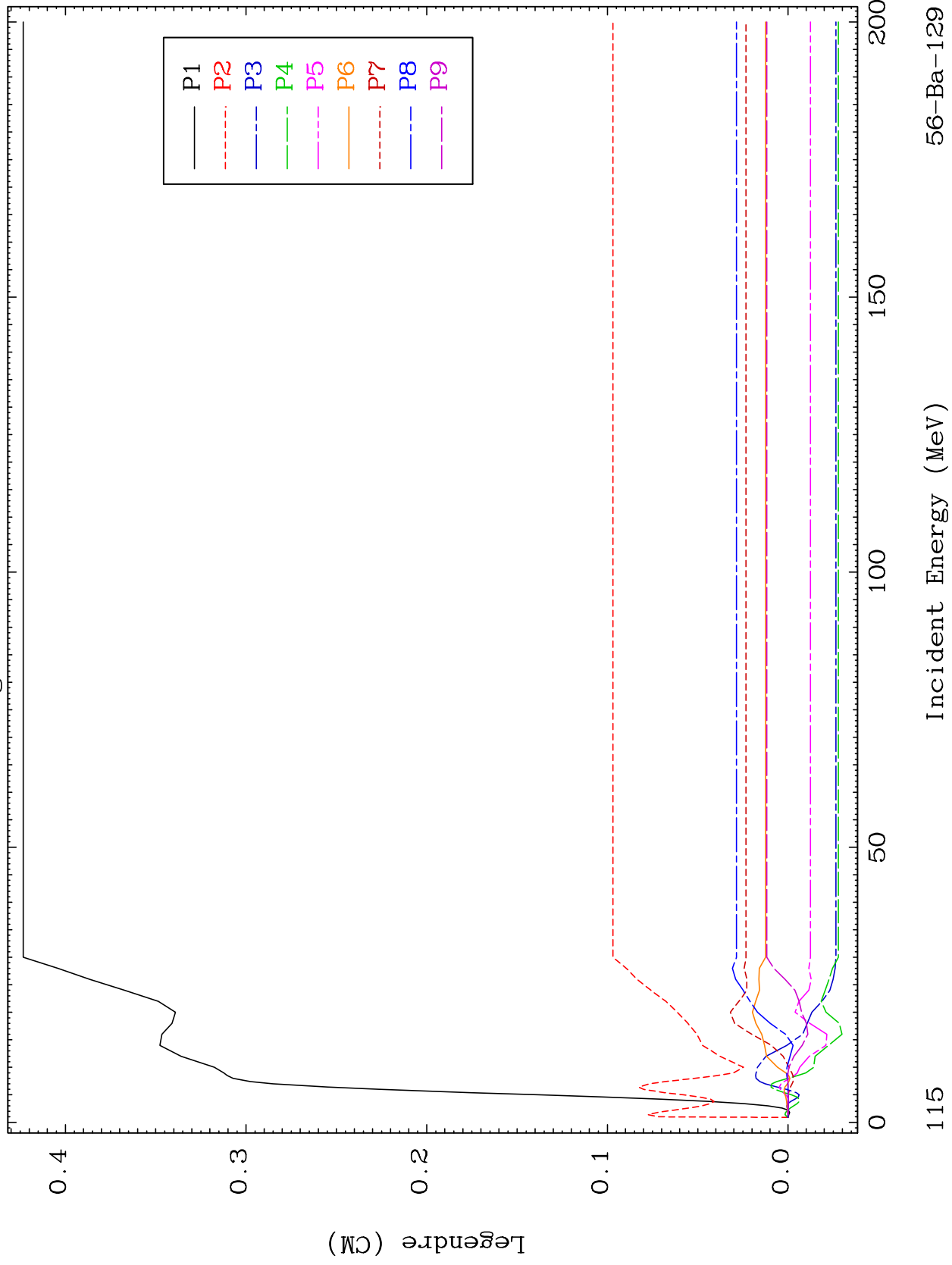
114

56-Ba-129

MAT 5622

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

56-Ba-129



56-Ba-129

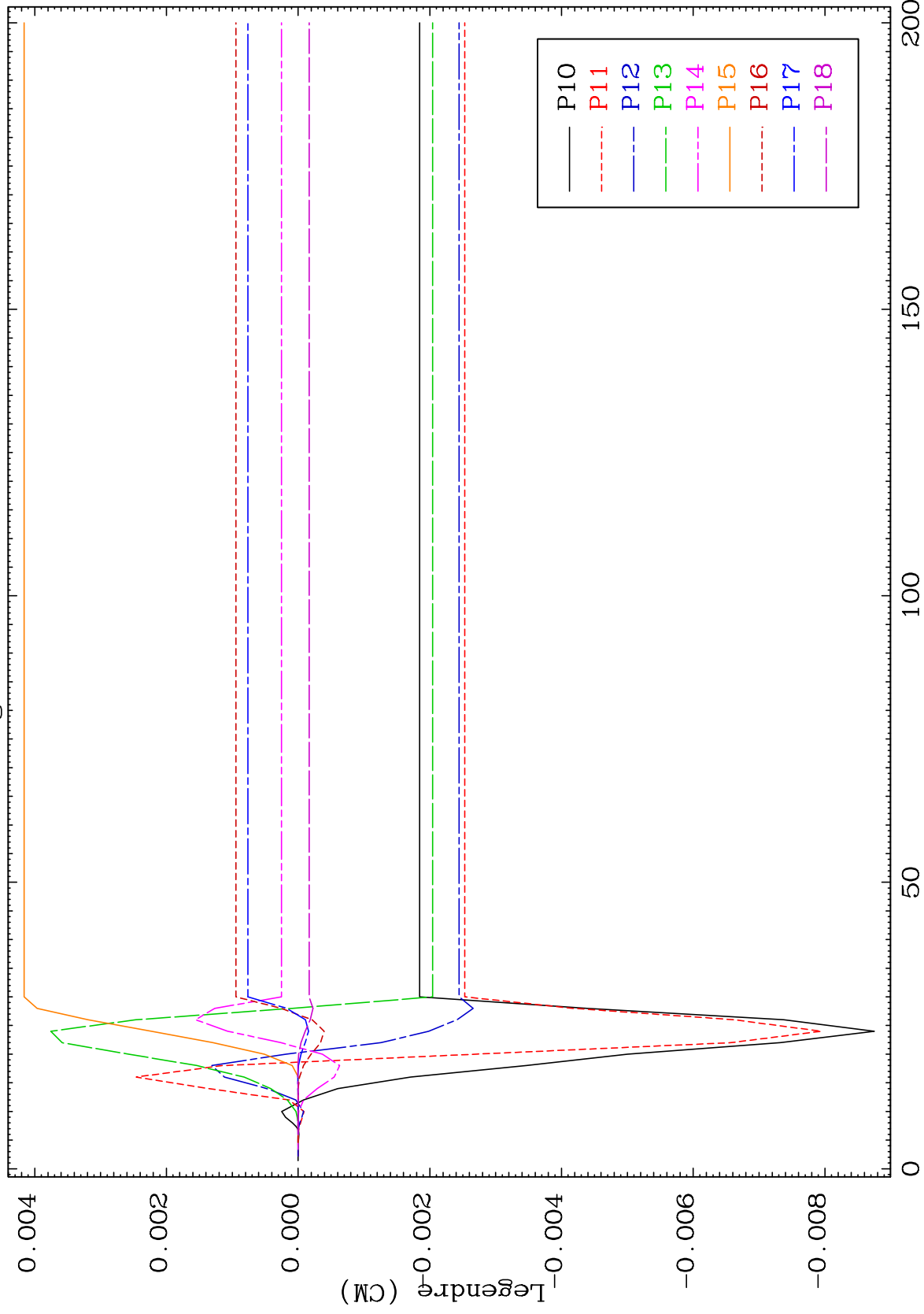
Incident Energy (MeV)

115

MAT 5622

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

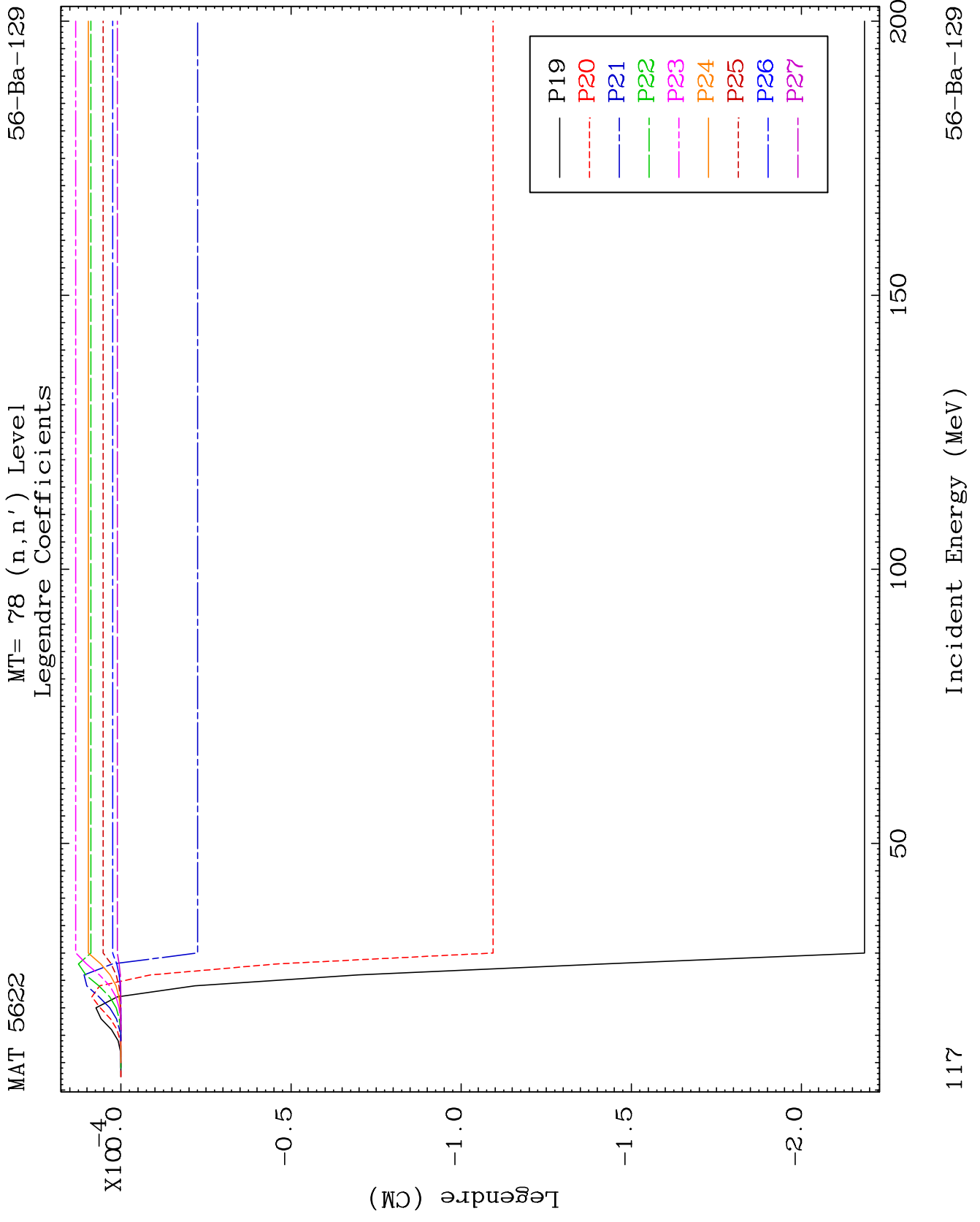
56-Ba-129



116

Incident Energy (MeV)

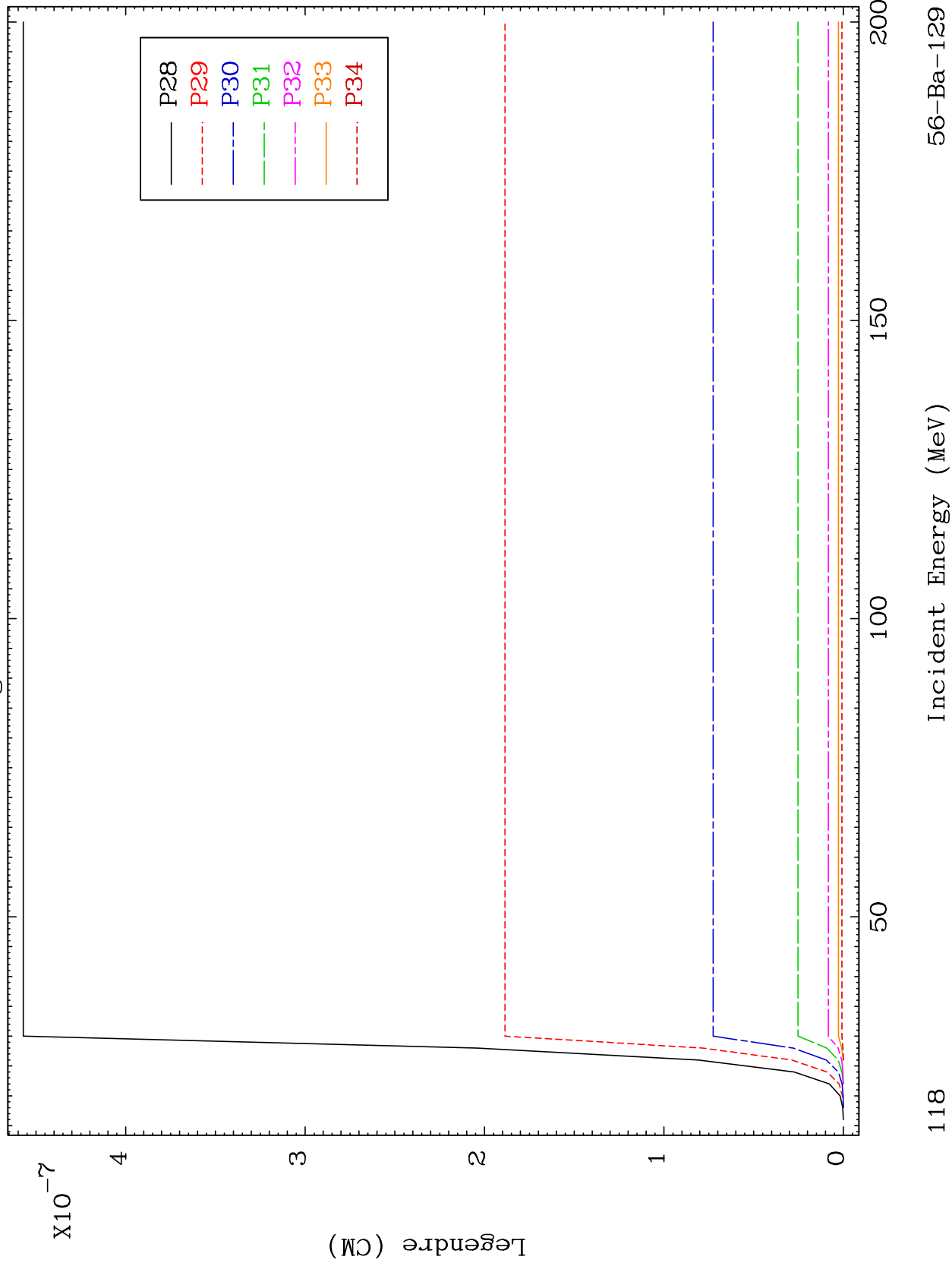
56-Ba-129



MAT 5622

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

56-Ba-129

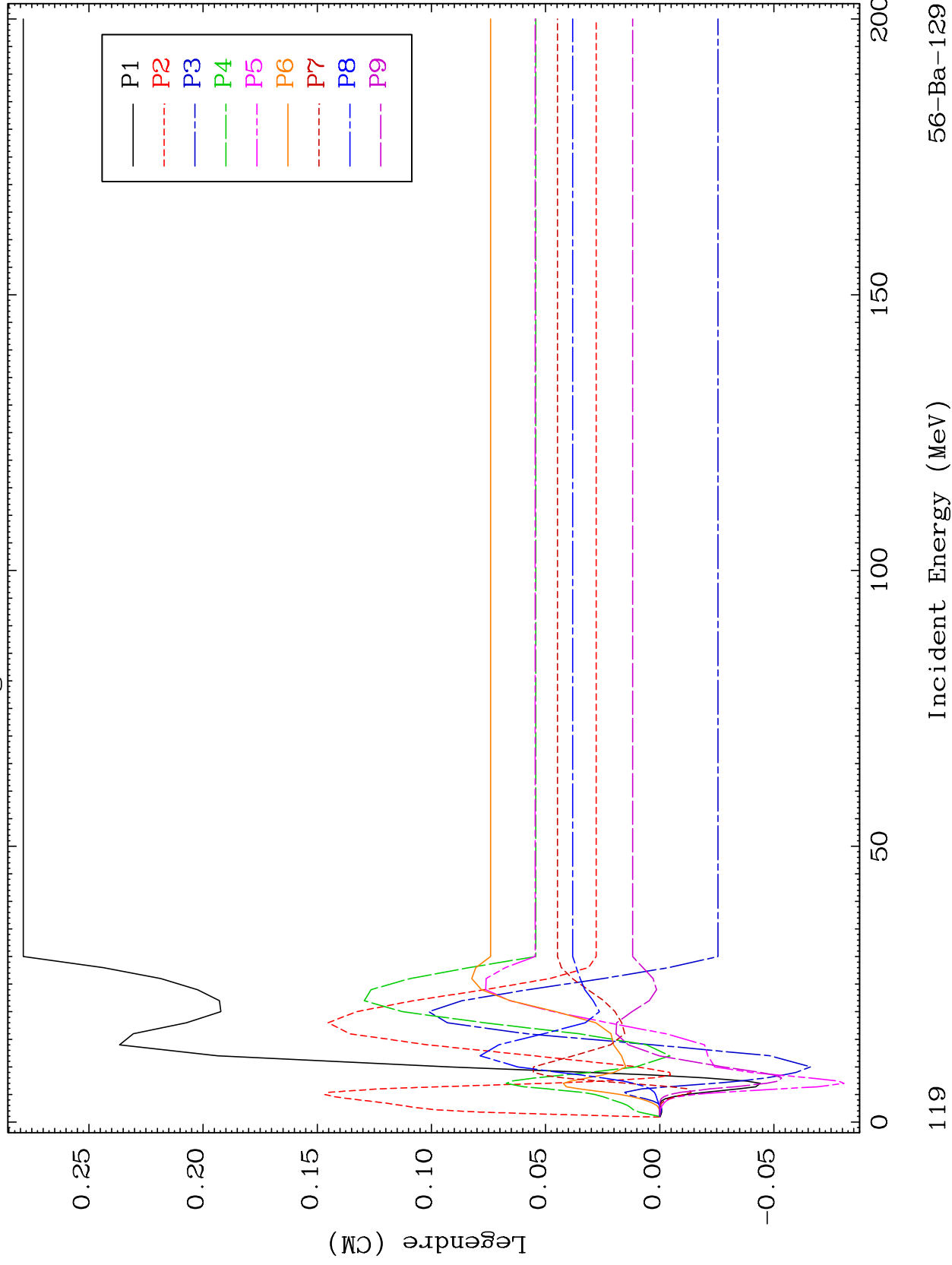


118

MAT 5622

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

56-Ba-129



56-Ba-129

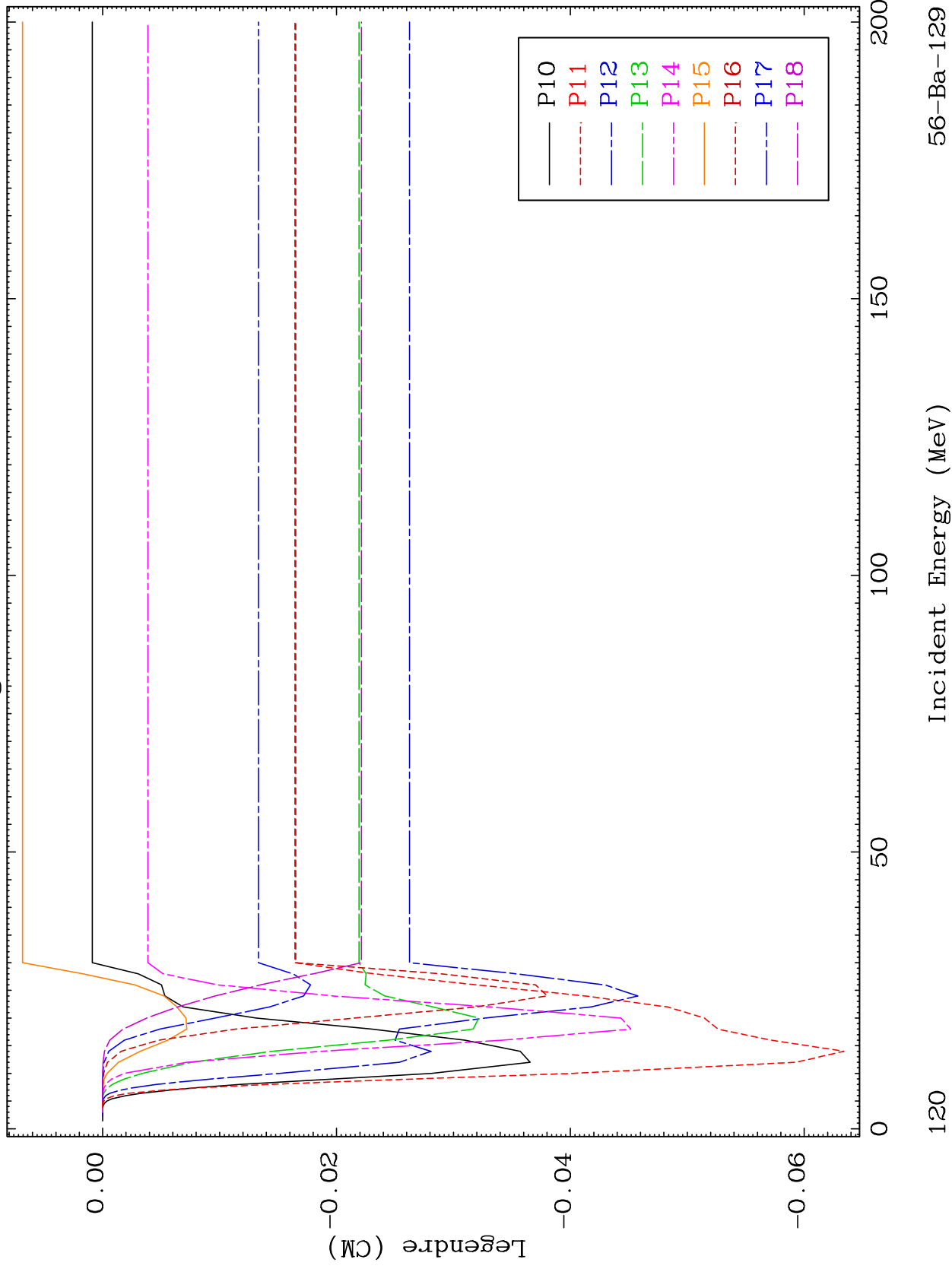
Incident Energy (MeV)

119

MAT 5622

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

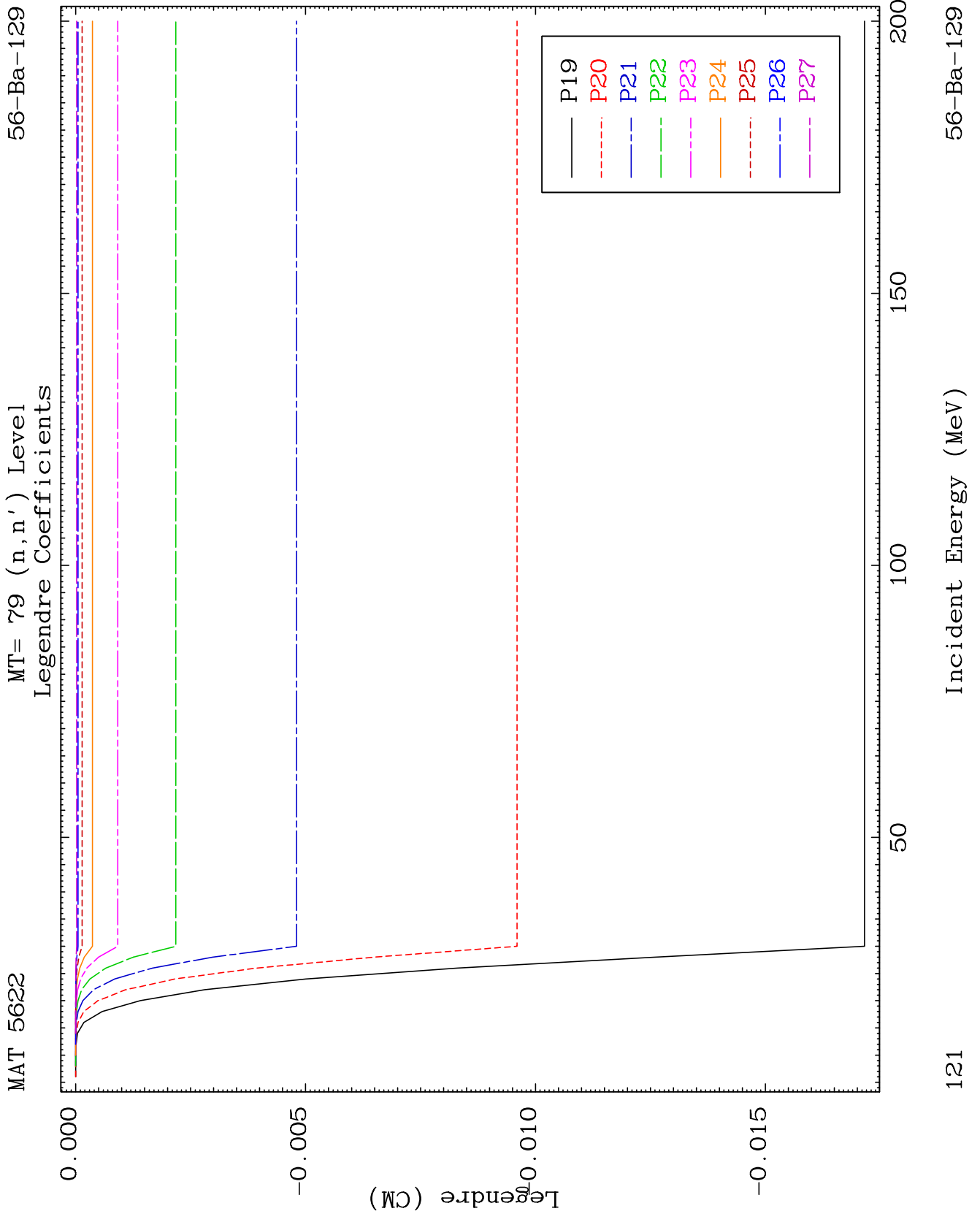
56-Ba-129

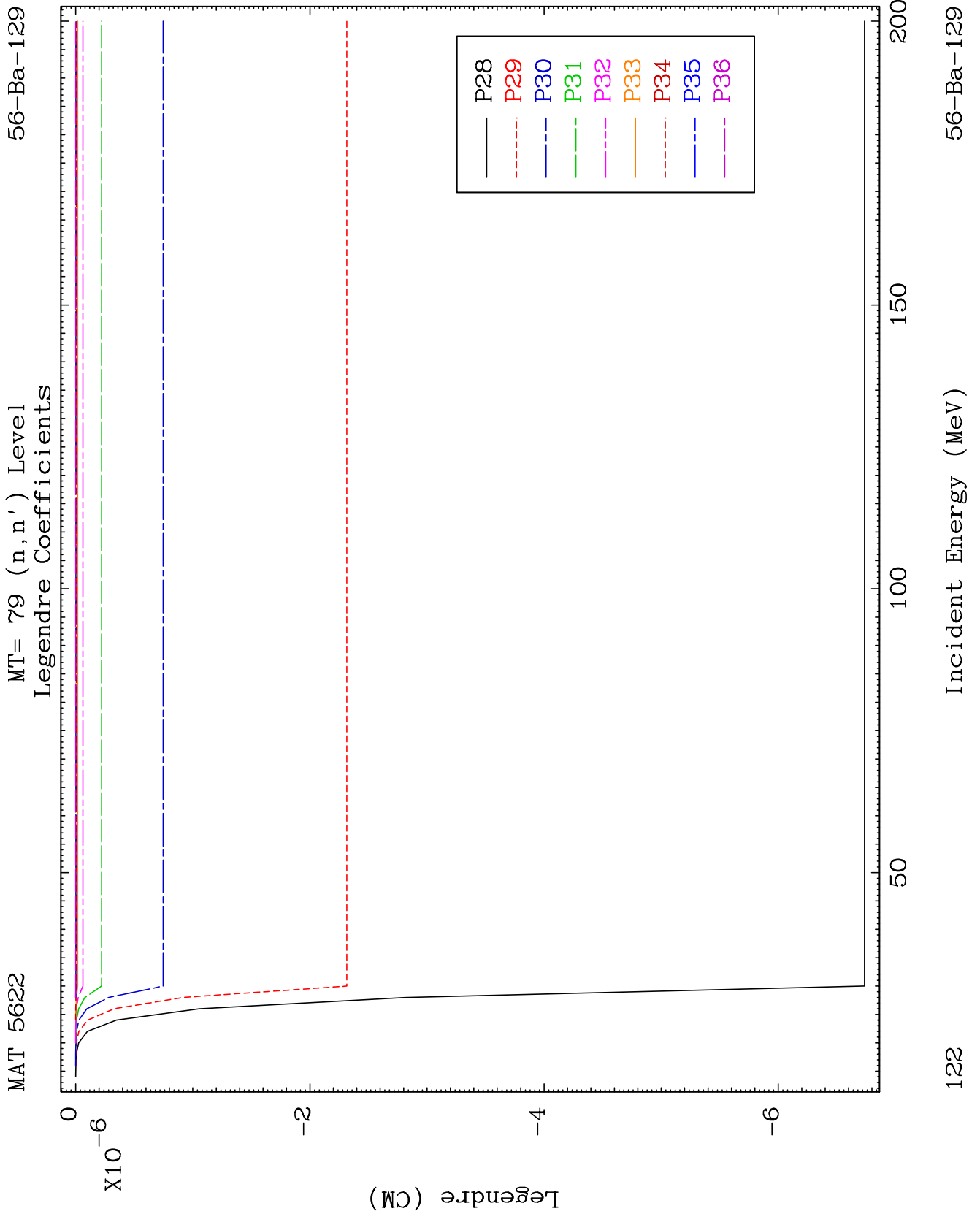


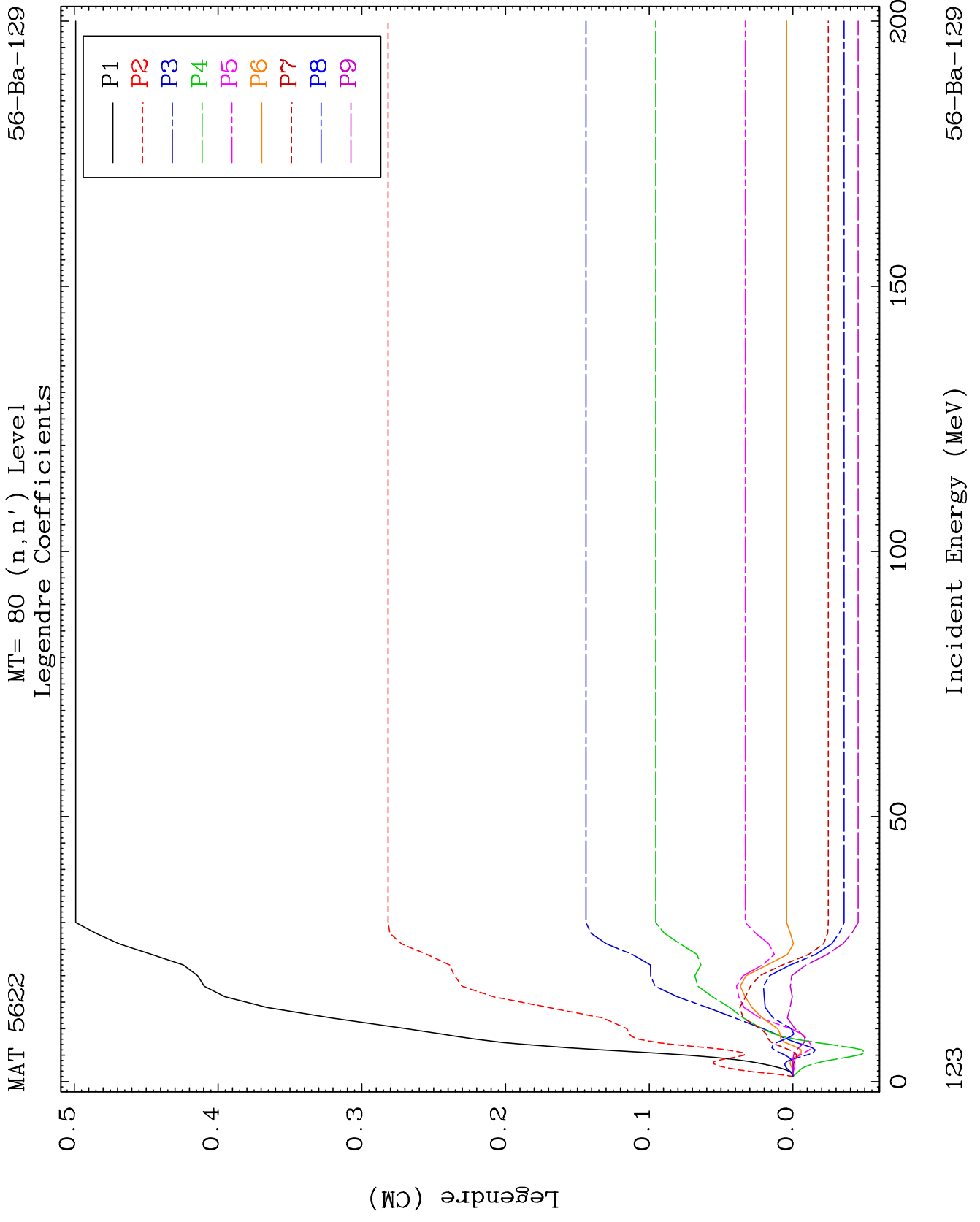
56-Ba-129

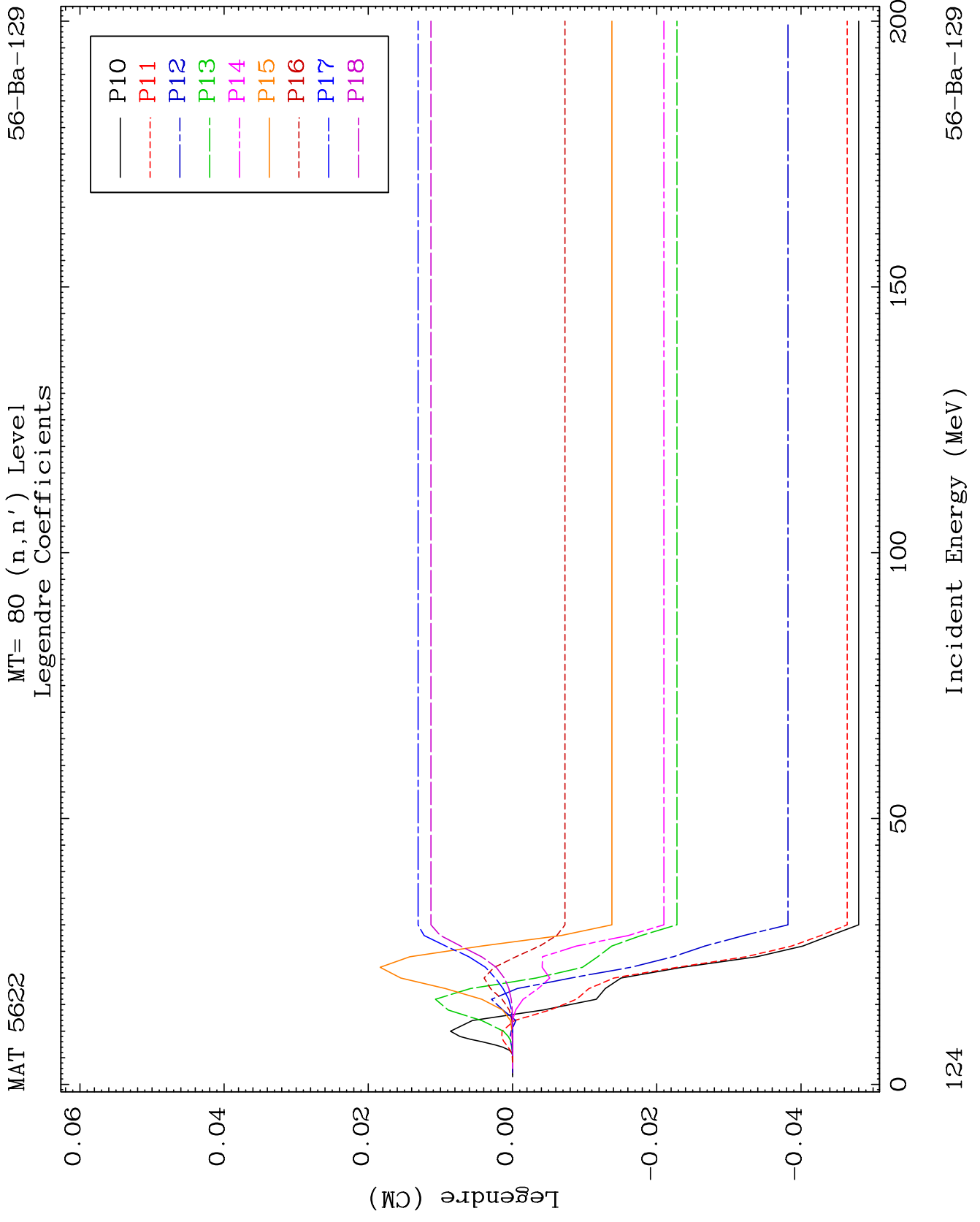
Incident Energy (MeV)

120





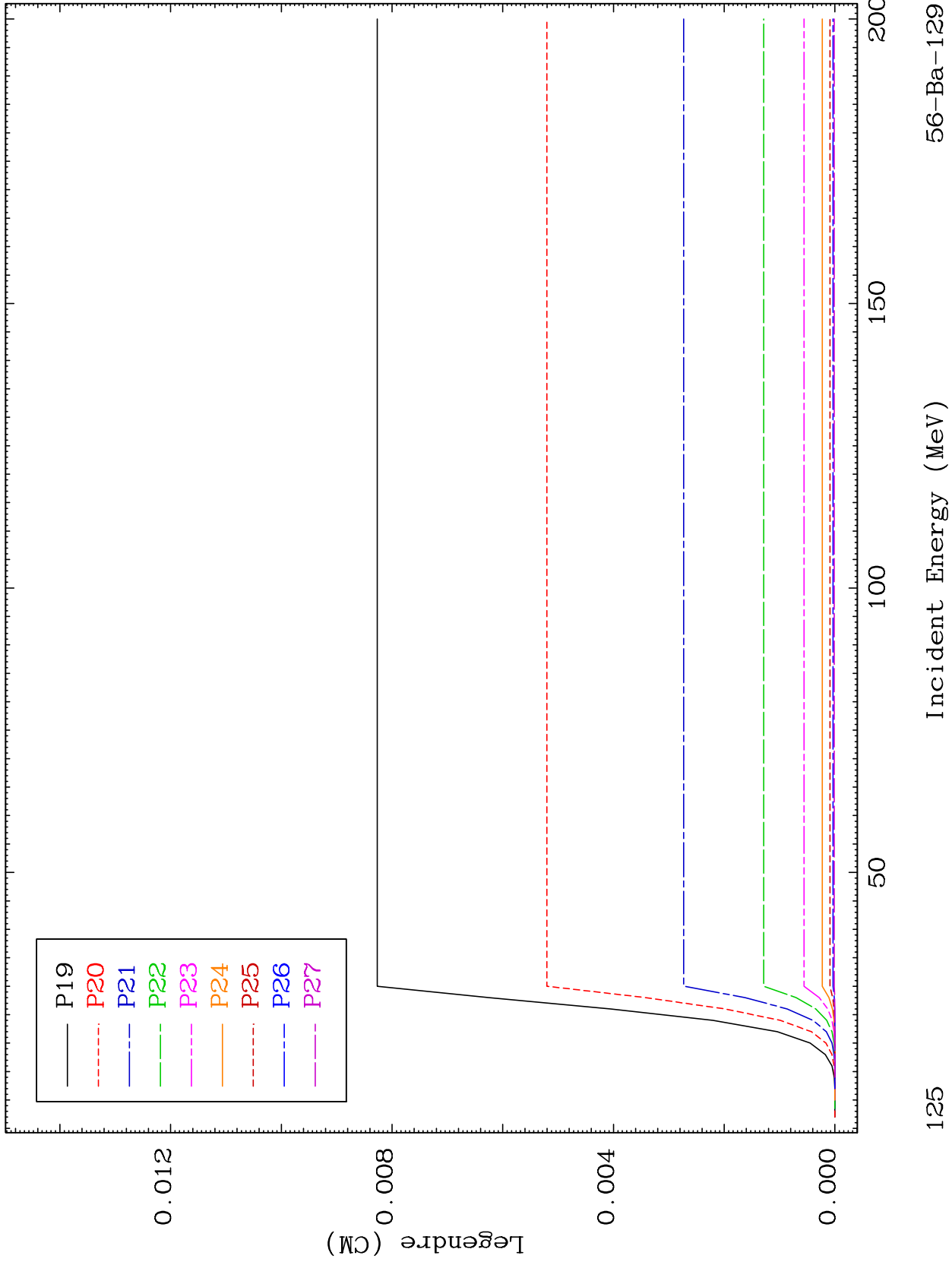




MAT 5622

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

56-Ba-129



56-Ba-129

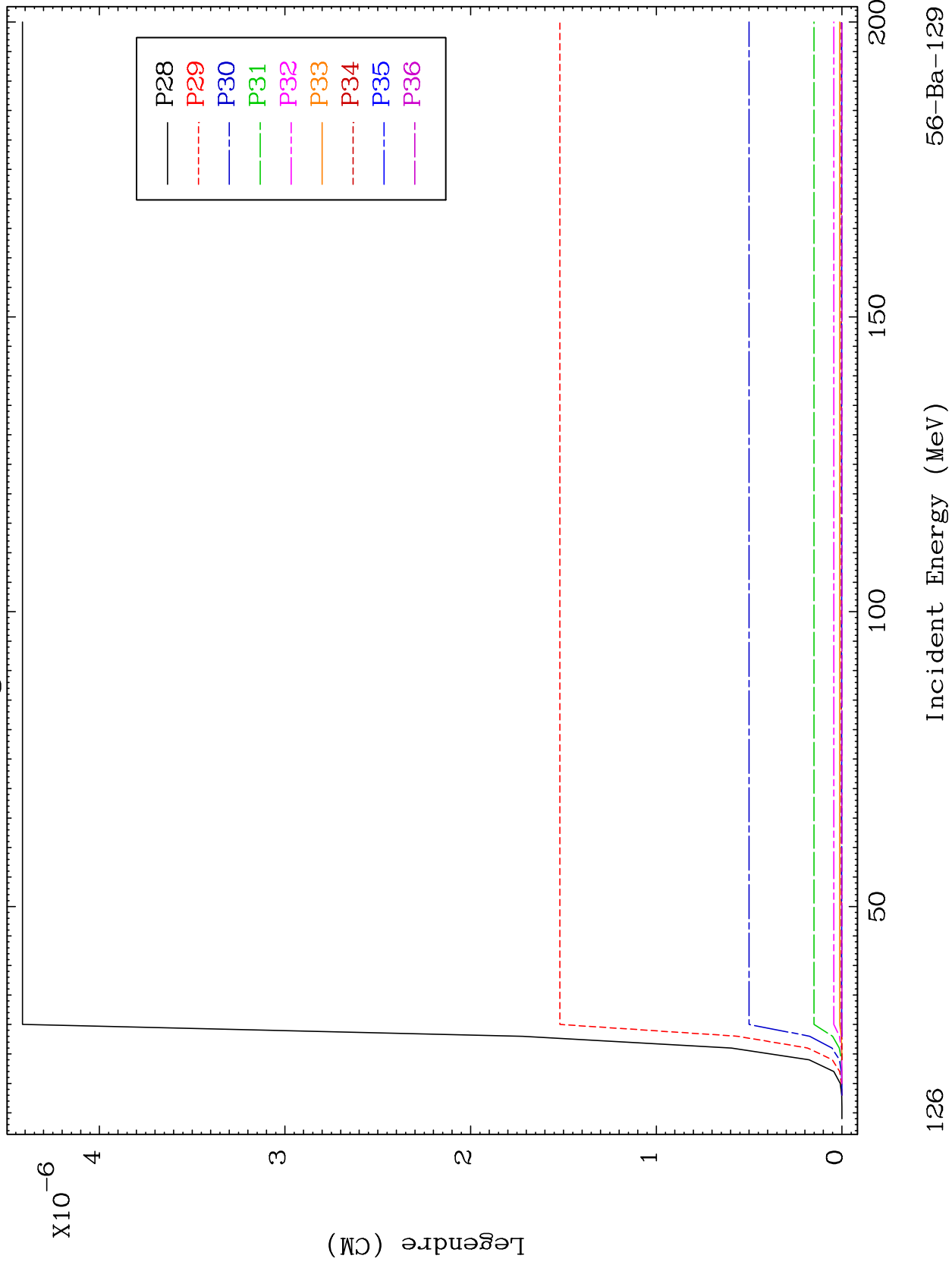
Incident Energy (MeV)

125

MAT 5622

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

56-Ba-129

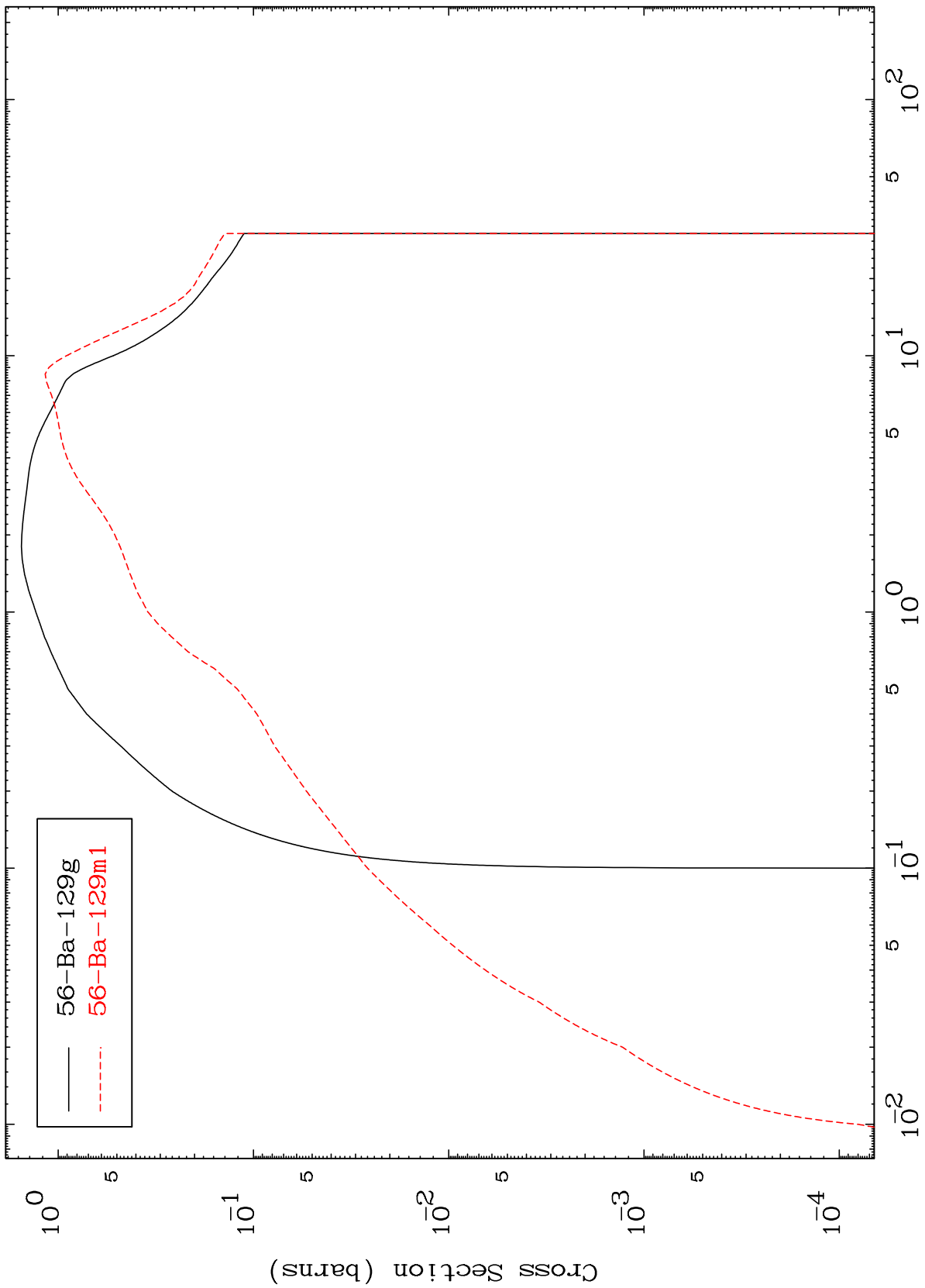


126

MAT 5622

56-Ba-129

Inelastic
Radionuclide Production Cross Section



— 56-Ba-129g
- - - 56-Ba-129m1

56-Ba-129

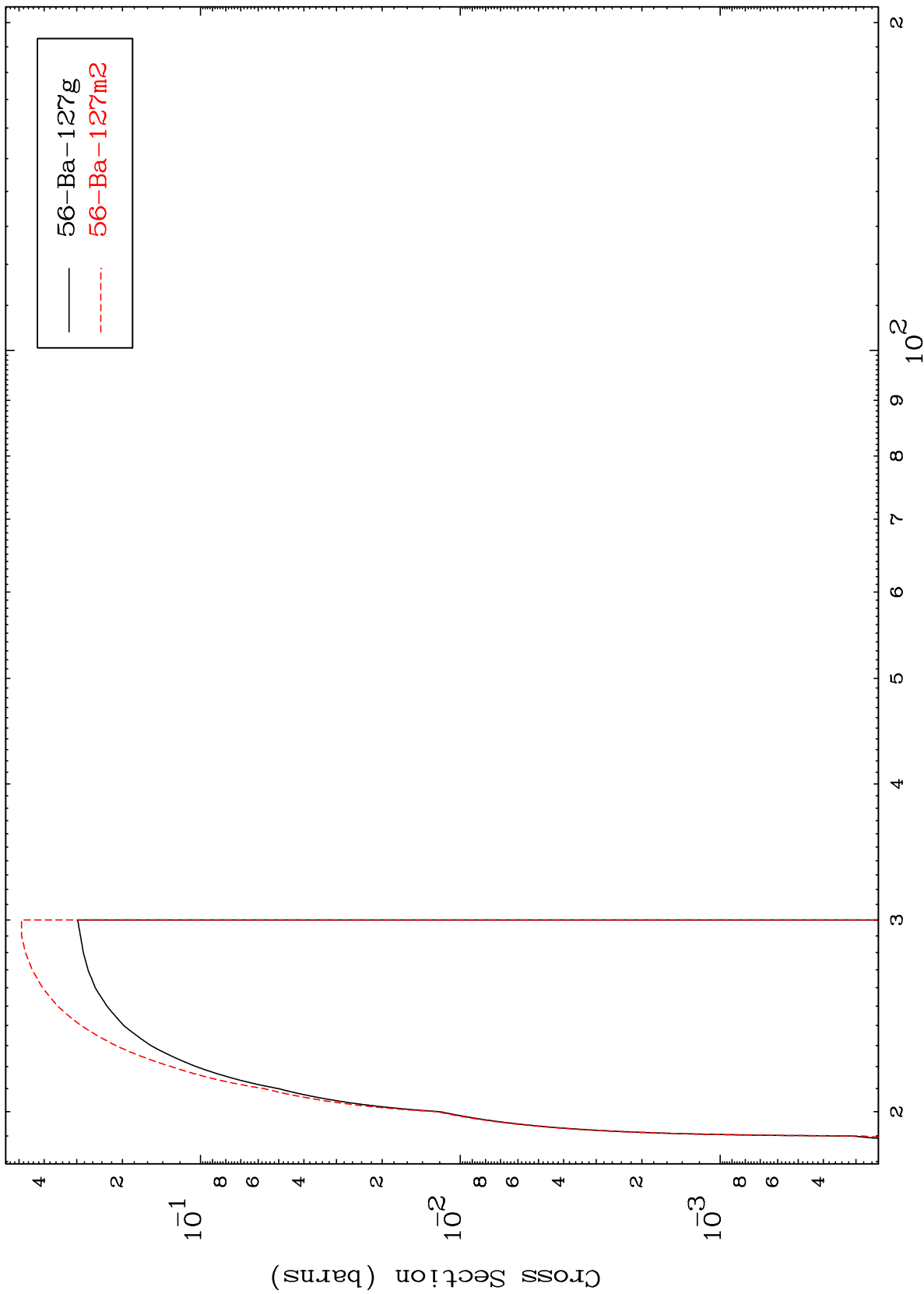
Incident Energy (MeV)

127

MAT 5622

56-Ba-129

(n,3n)
Radionuclide Production Cross Section



56-Ba-129

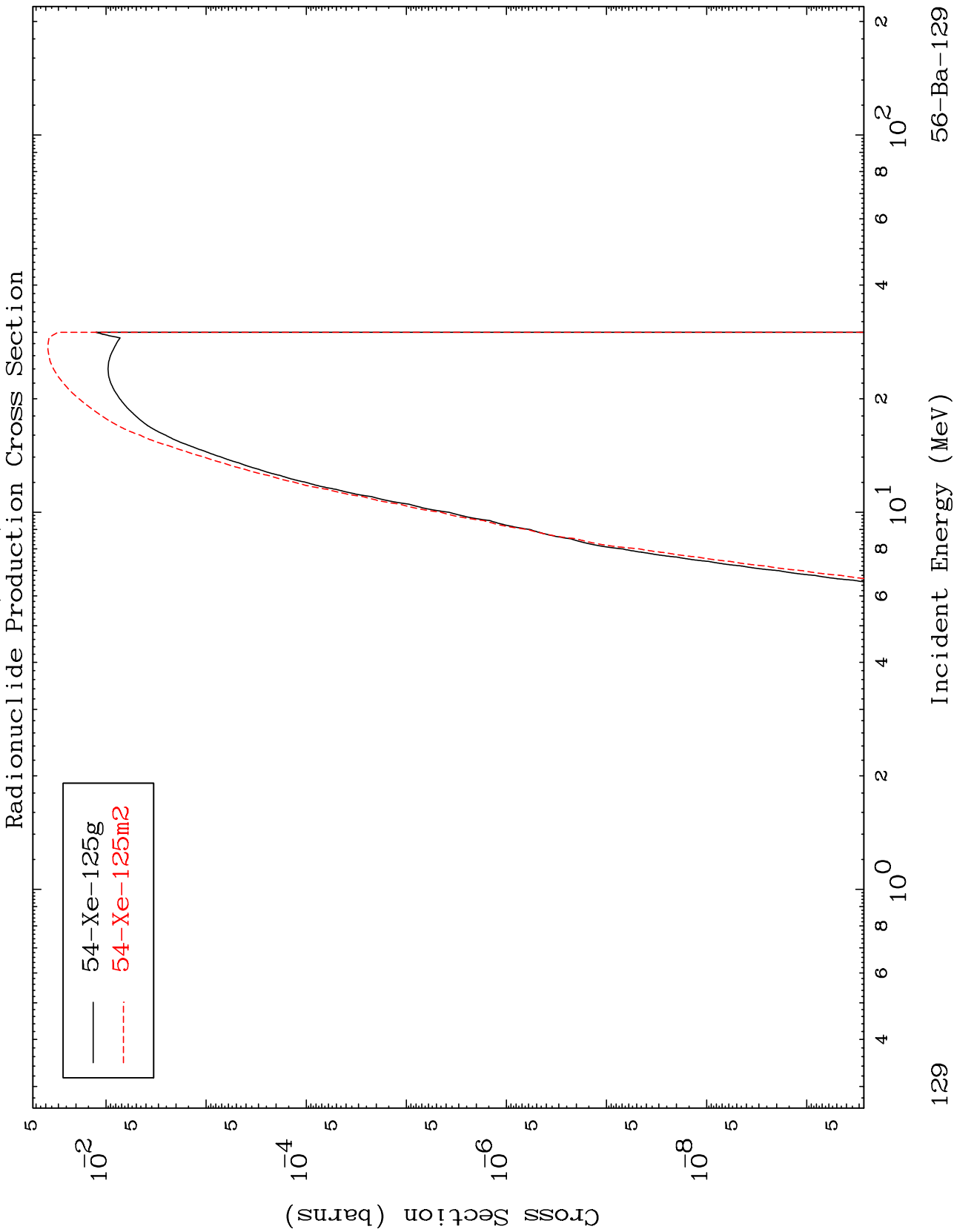
Incident Energy (MeV)

128

MAT 5622

(n,n') α

56-Ba-129



129

Incident Energy (MeV)

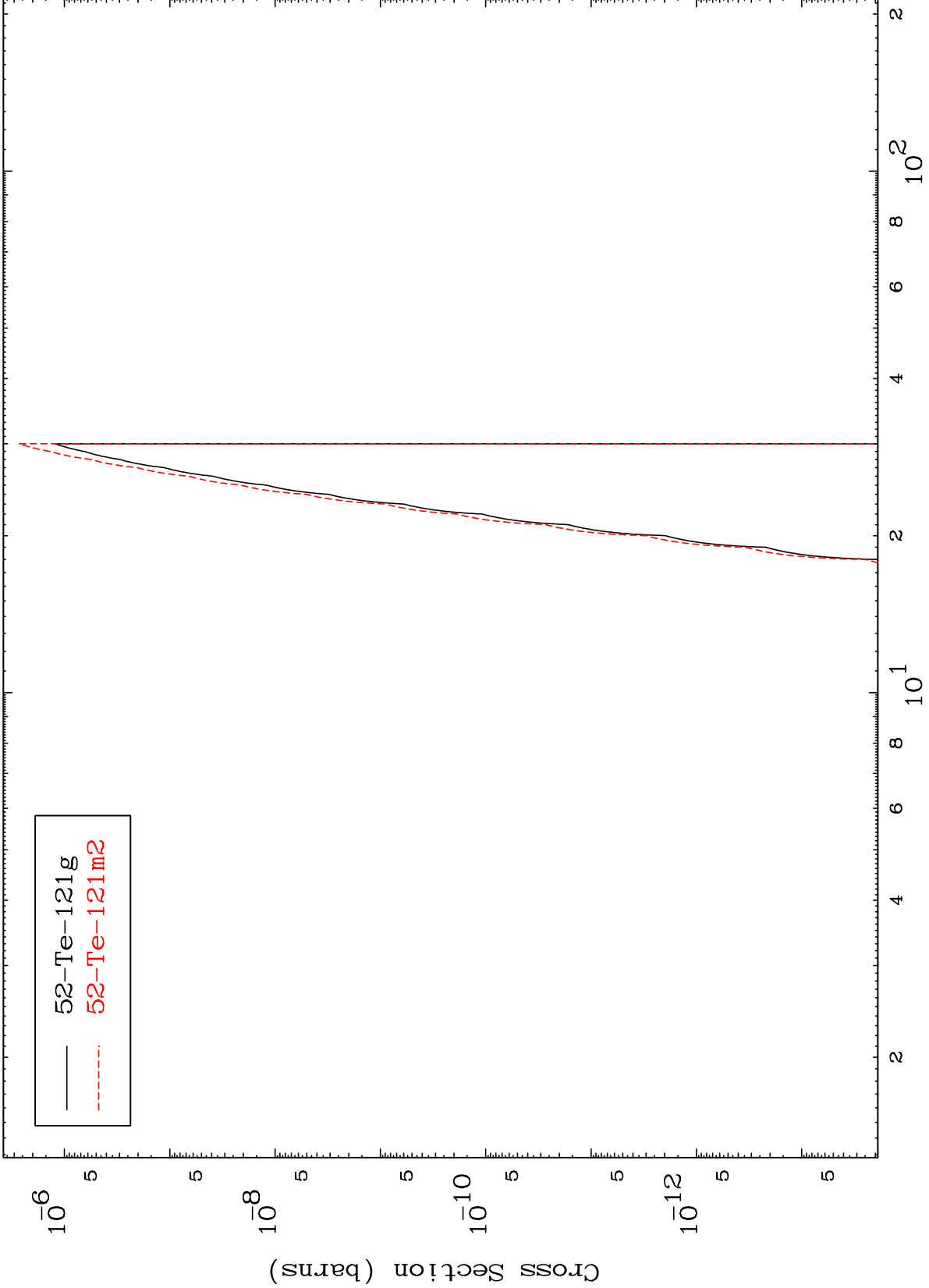
56-Ba-129

MAT 5622

(n,n') 2α

56-Ba-129

Radionuclide Production Cross Section



130

Incident Energy (MeV)

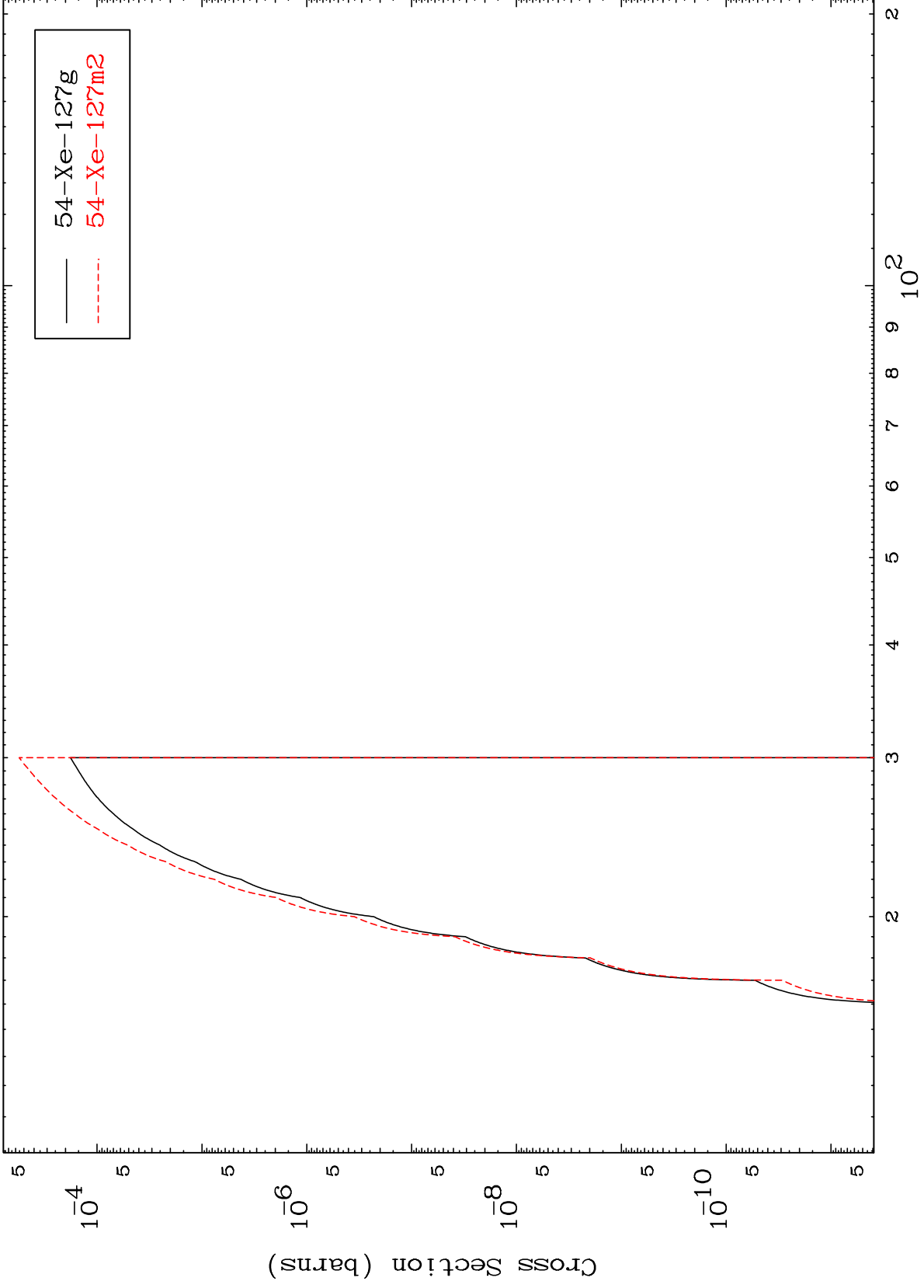
56-Ba-129

MAT 5622

(n,2n) p

56-Ba-129

Radionuclide Production Cross Section



131

Incident Energy (MeV)

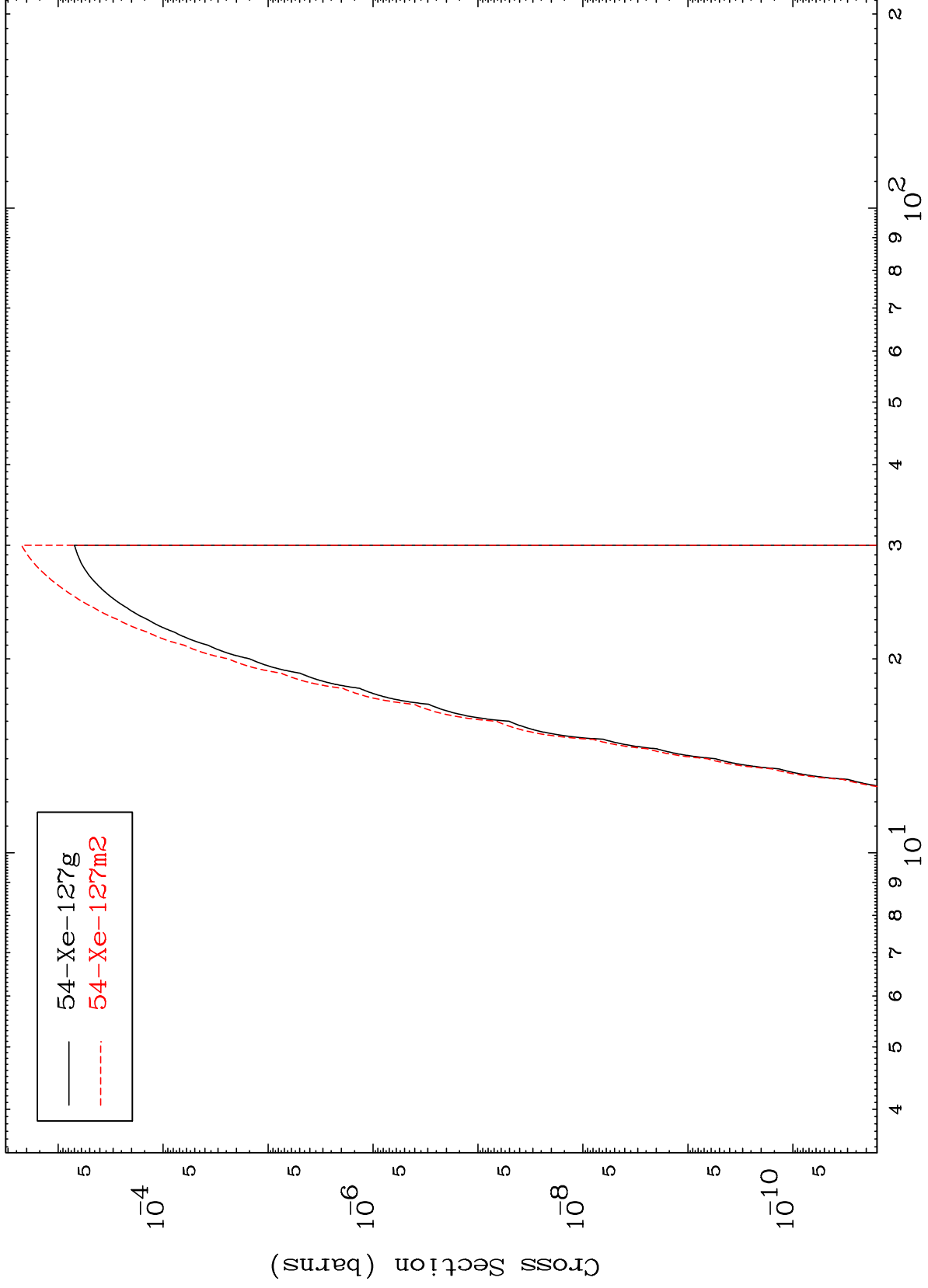
56-Ba-129

MAT 5622

(n,He-3)

56-Ba-129

Radionuclide Production Cross Section



132

Incident Energy (MeV)

56-Ba-129

MAT 5622

(n,p) d

56-Ba-129

Radionuclide Production Cross Section

