

Program EVALPLOT
(Version 2021-1)

by

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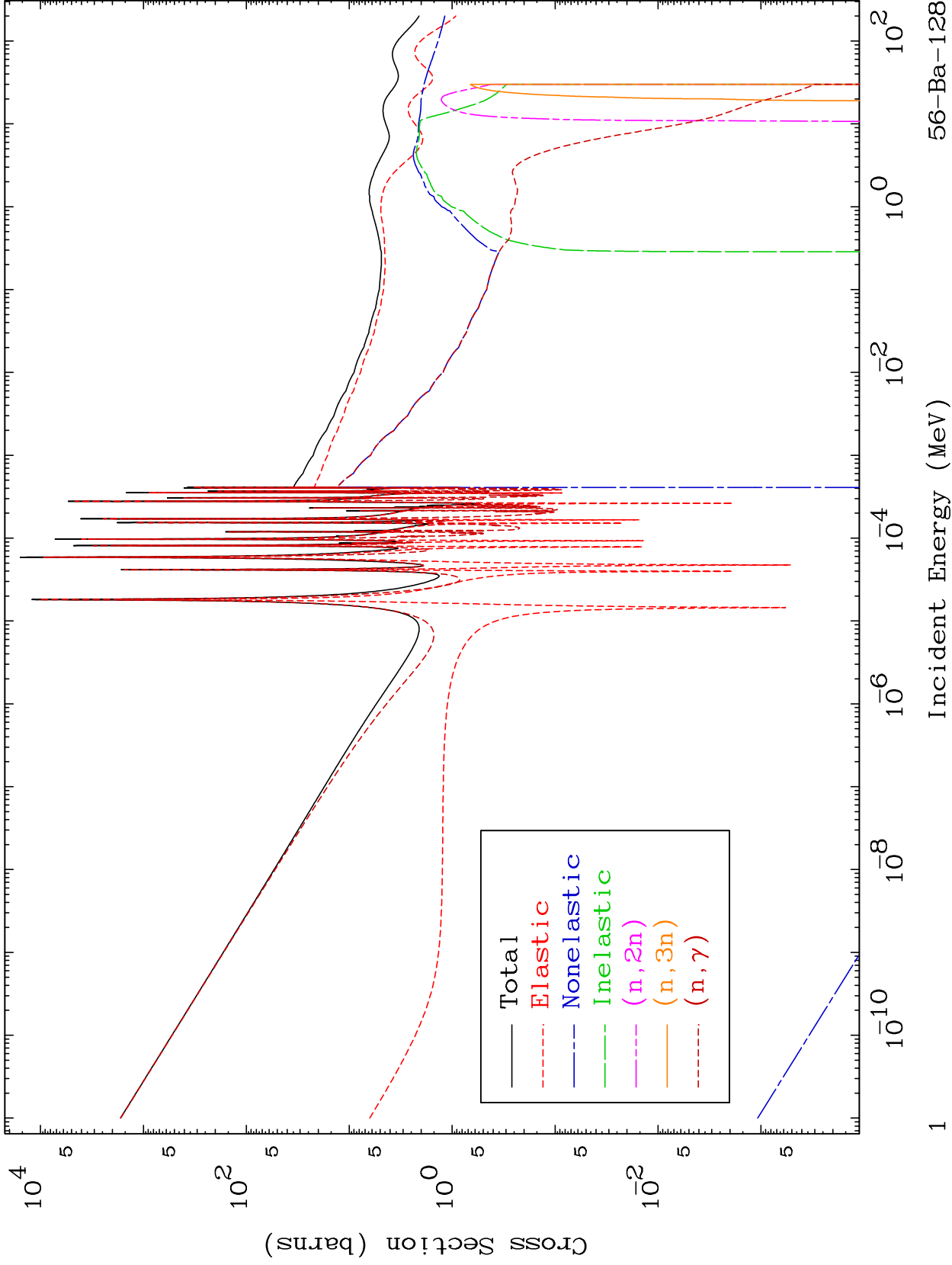
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Press Mouse Button to Start

MAT 5619

Neutron Major
293 Kelvin Cross Sections

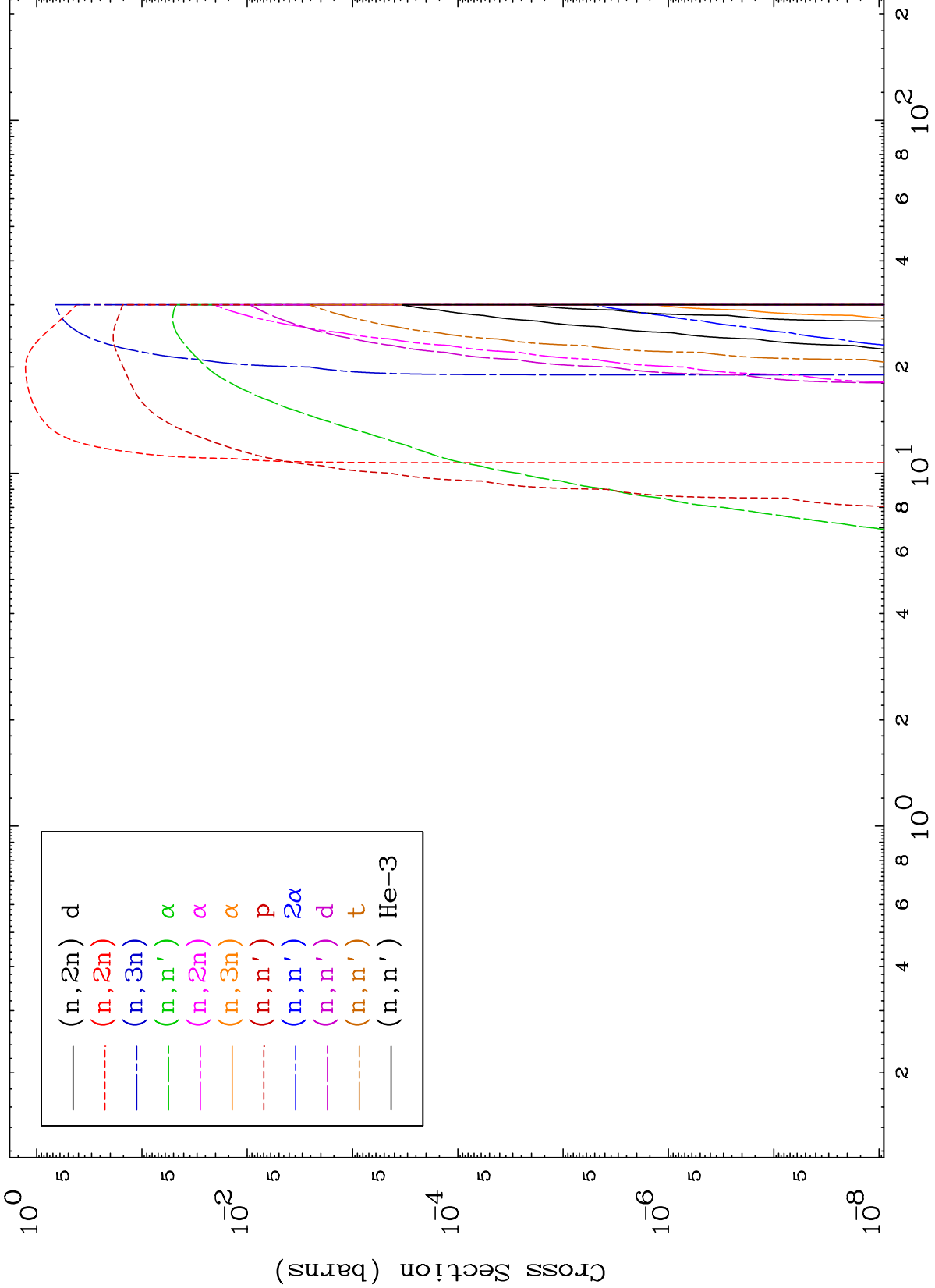
56-Ba-128



MAT 5619

Neutron Absorption
293 Kelvin Cross Sections

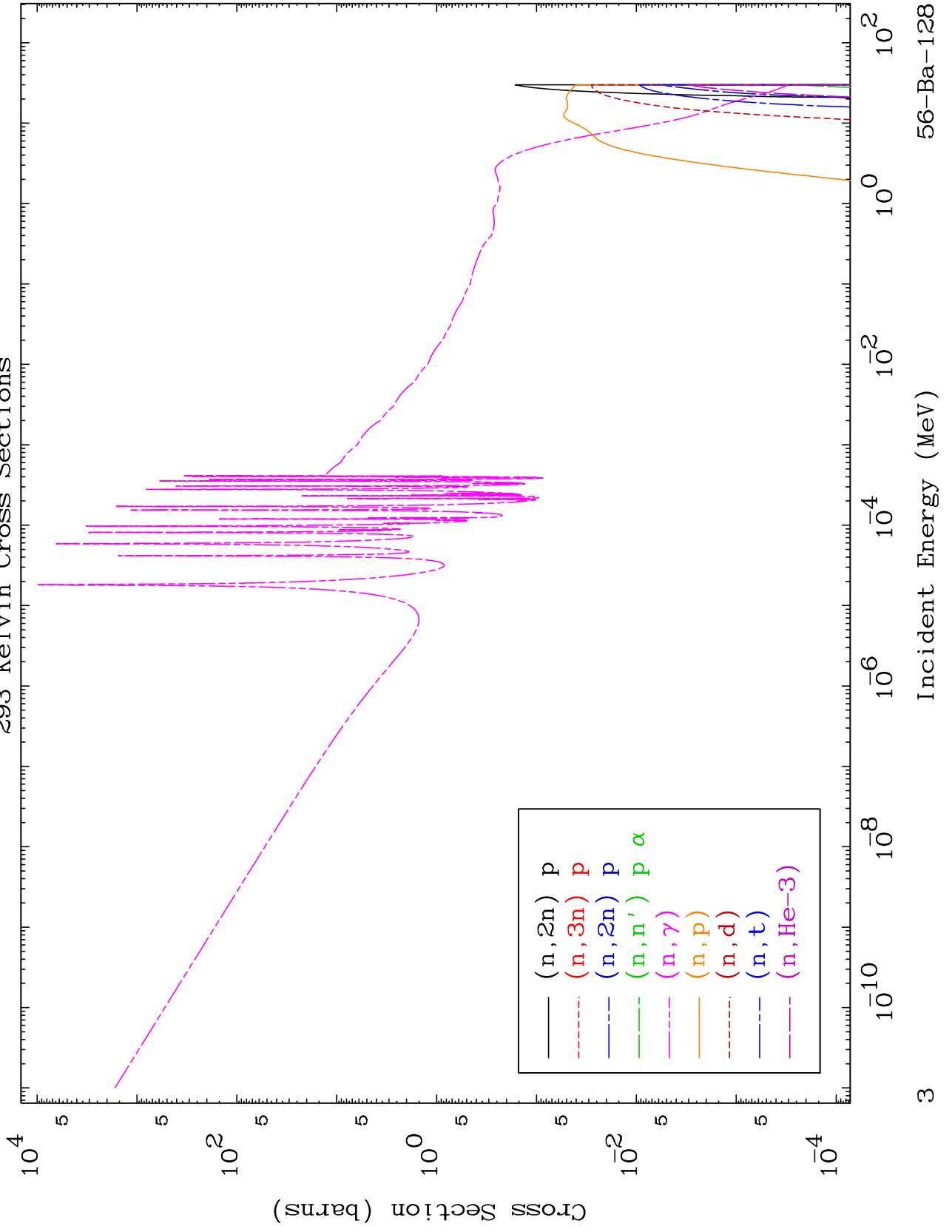
56-Ba-128



MAT 5619

Neutron Absorption
293 Kelvin Cross Sections

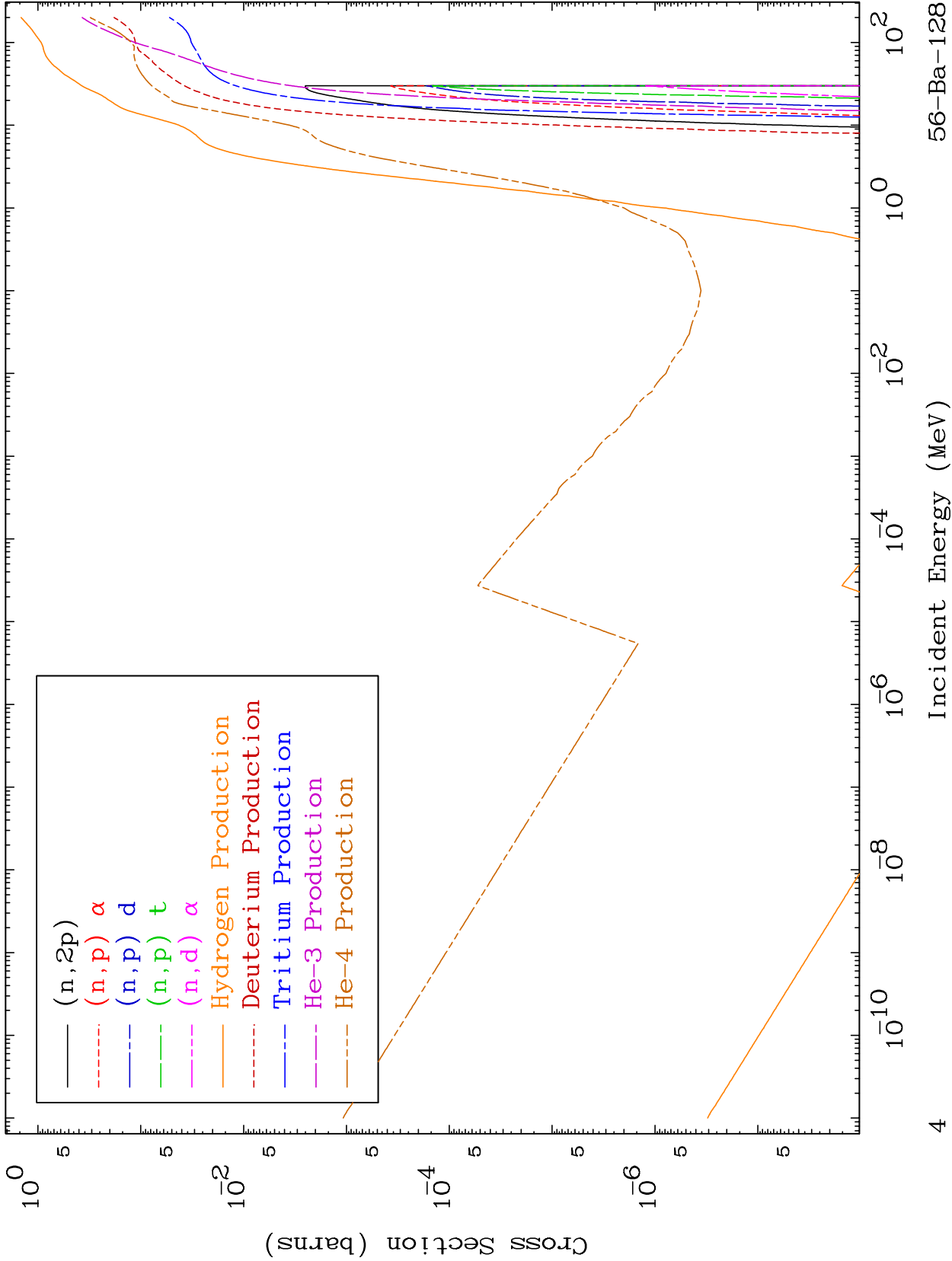
56-Ba-128



MAT 5619

Neutron Absorption
293 Kelvin Cross Sections

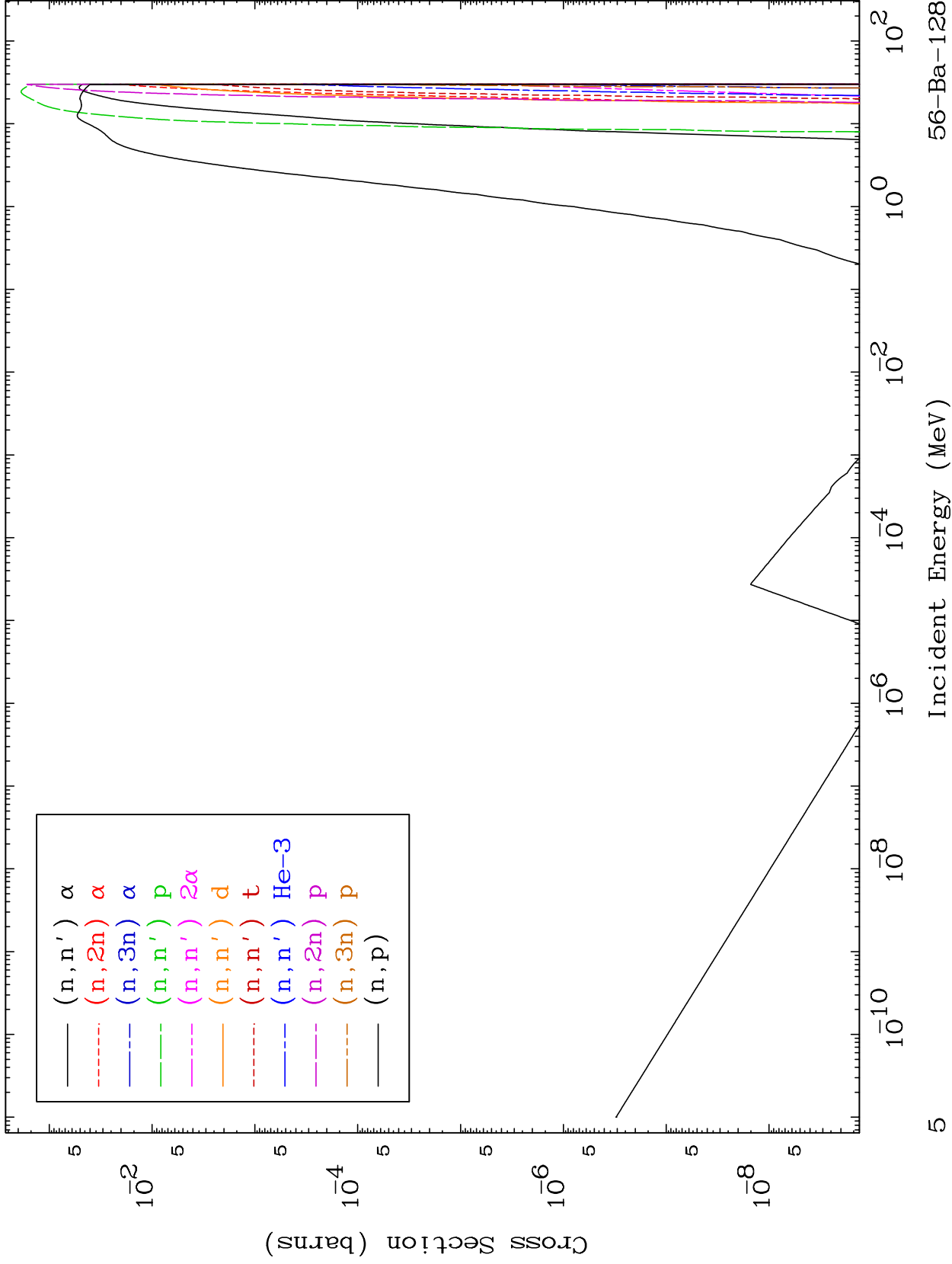
56-Ba-128



MAT 5619

Charged Particle
293 Kelvin Cross Sections

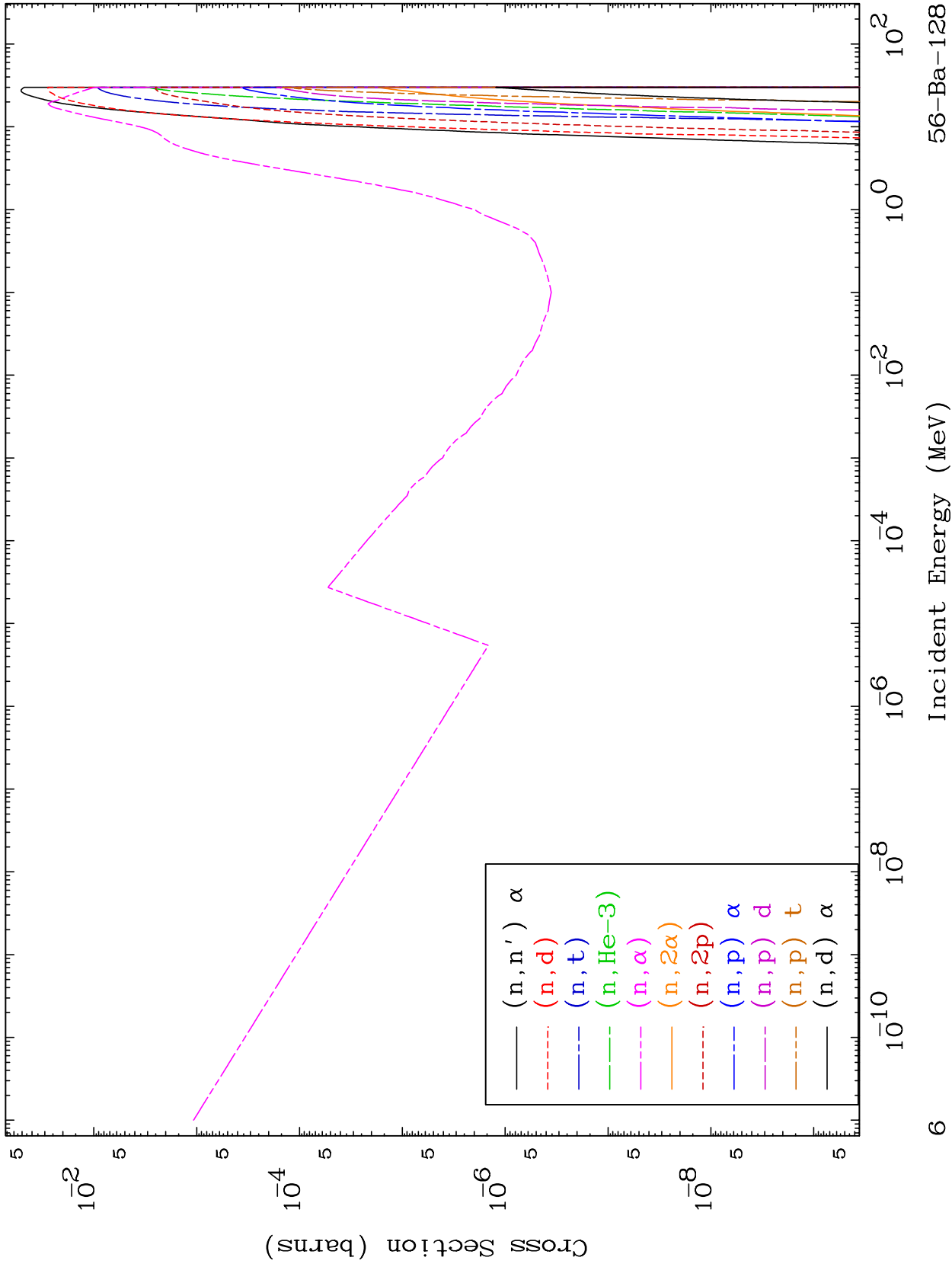
56-Ba-128



MAT 5619

Charged Particle
293 Kelvin Cross Sections

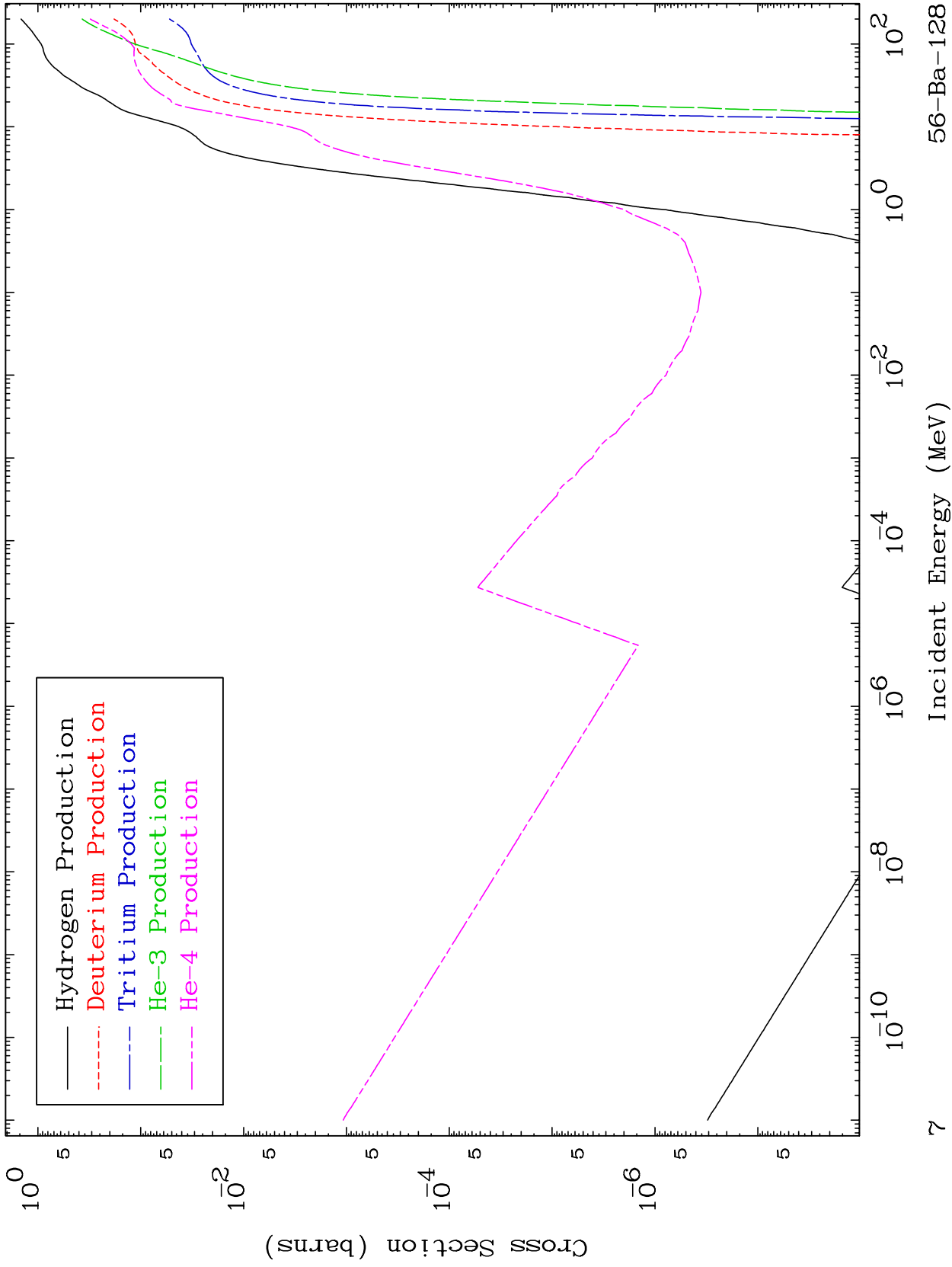
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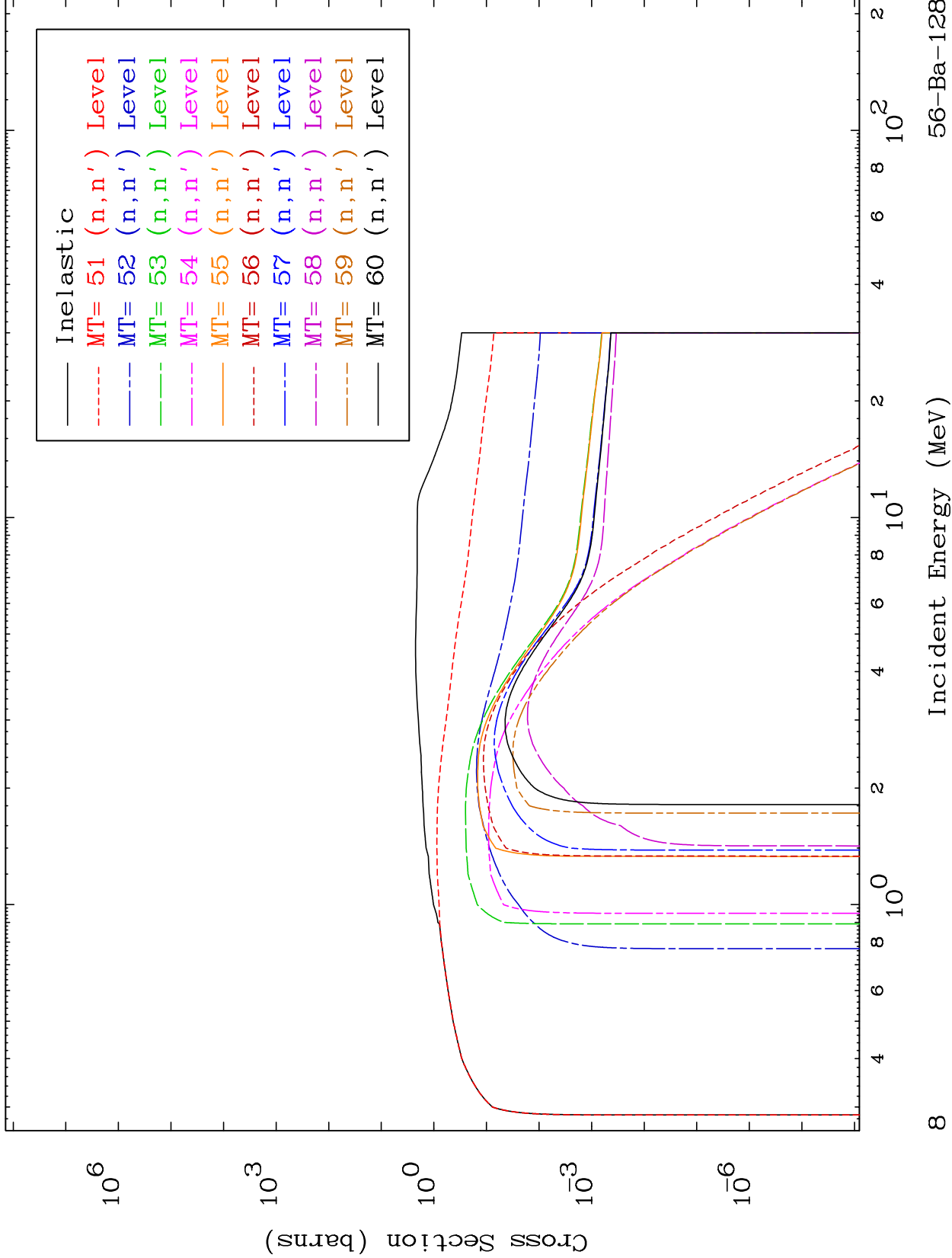


MAT 5619

Particle Production
293 Kelvin Cross Sections

56-Ba-128



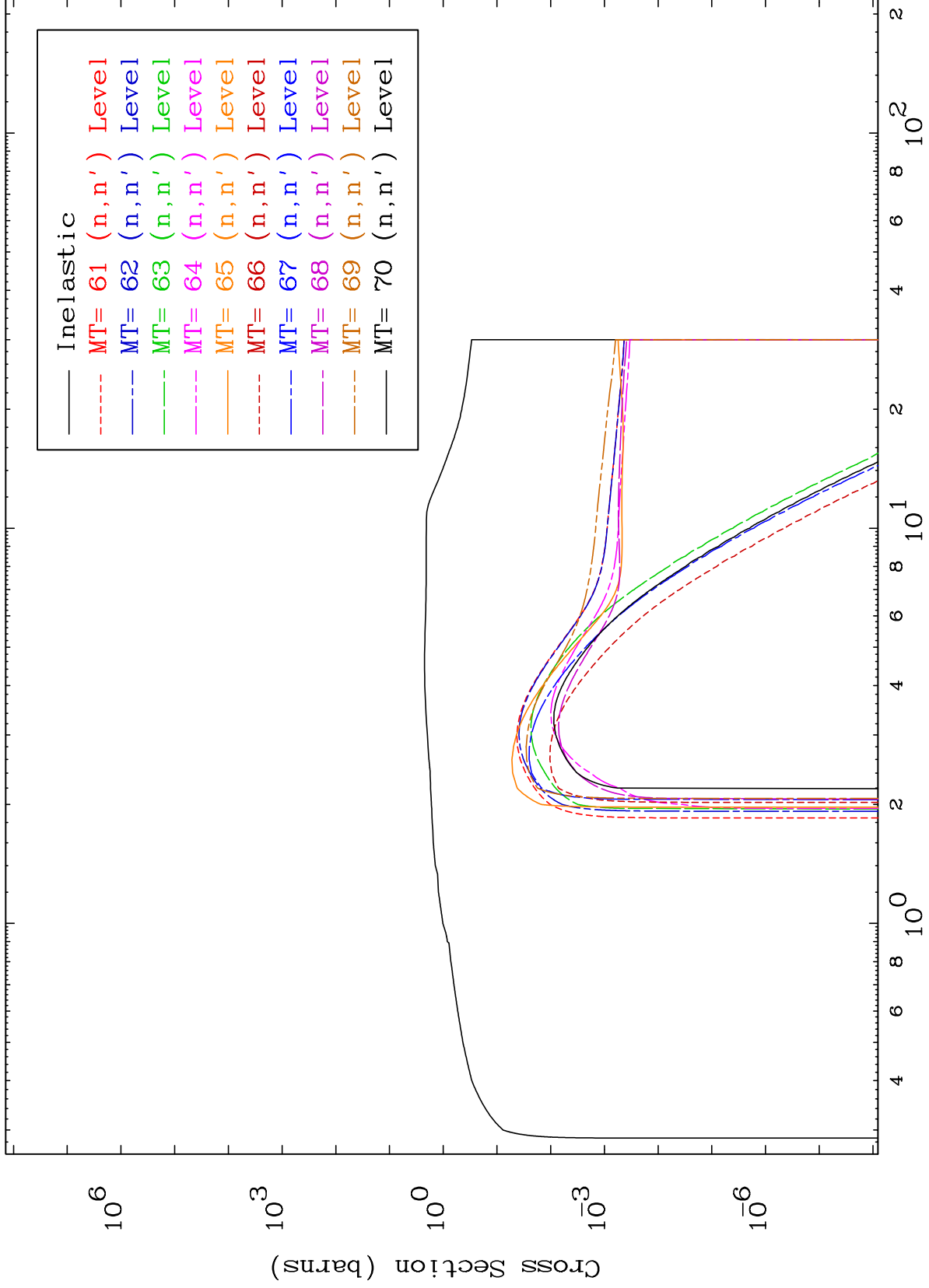


MAT 5619

(n,n') Levels

56-Ba-128

293 Kelvin Cross Sections

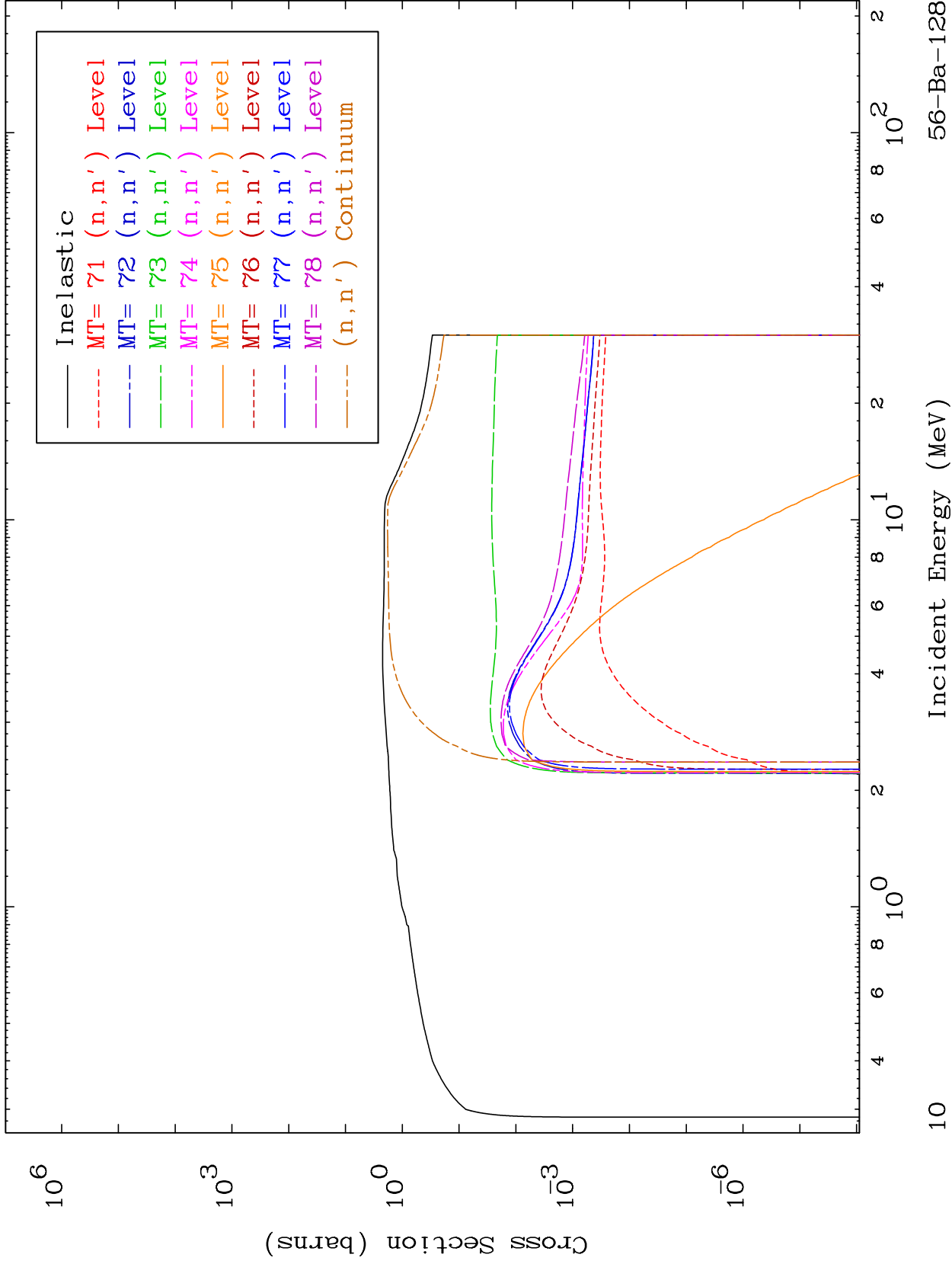


MAT 5619

(n,n') Levels

56-Ba-128

293 Kelvin Cross Sections



10

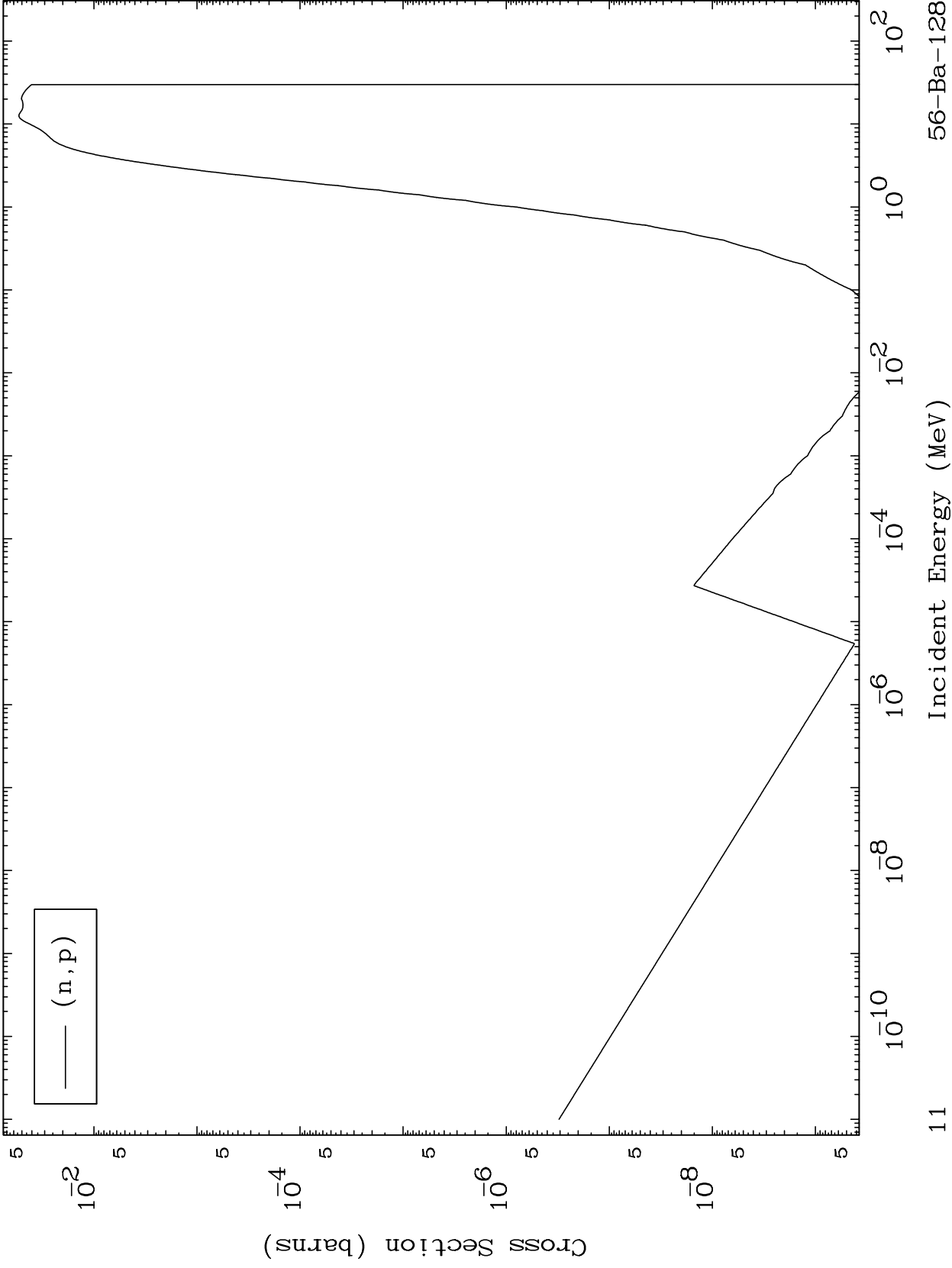
Incident Energy (MeV)

56-Ba-128

MAT 5619

(n,p) Levels
293 Kelvin Cross Sections

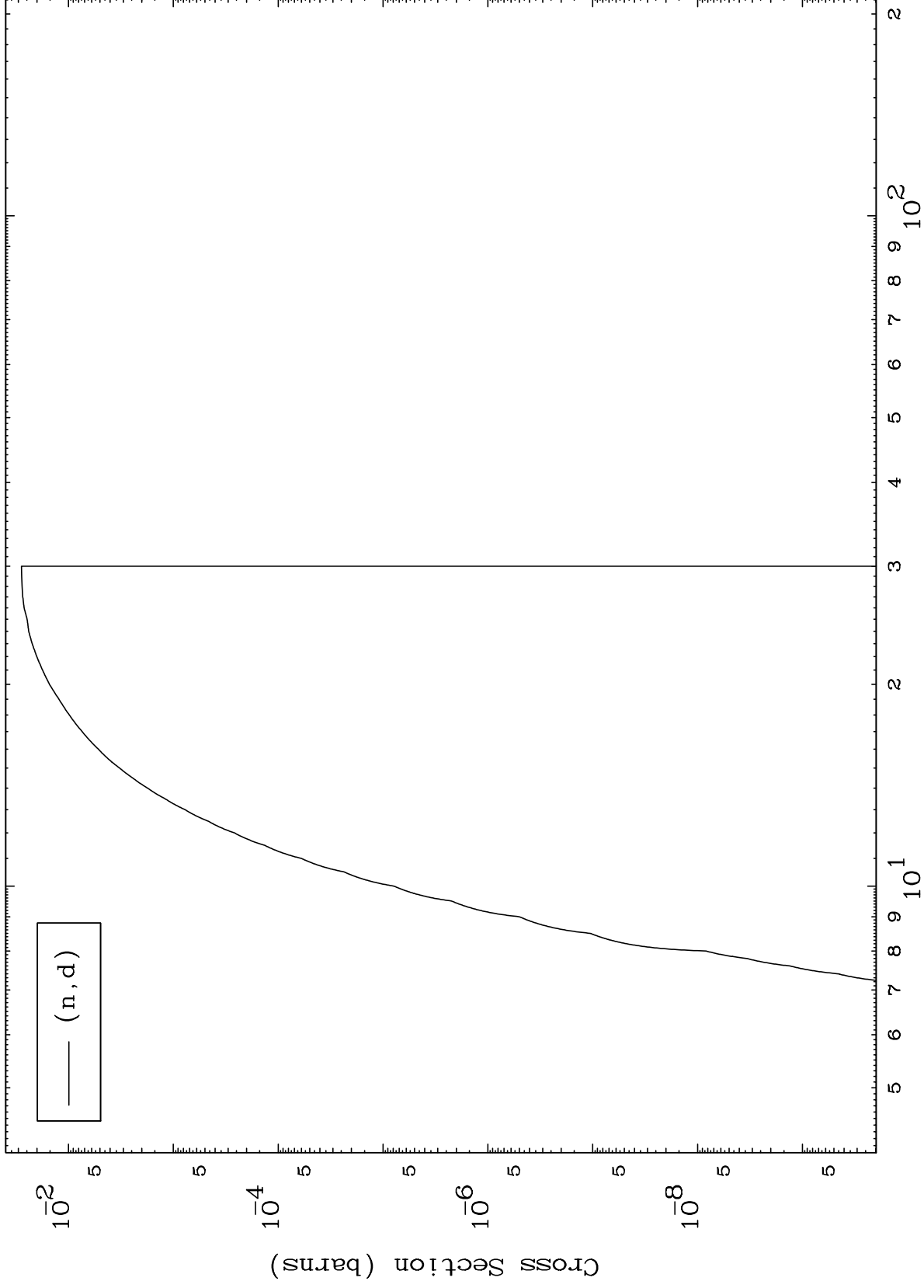
56-Ba-128



MAT 5619

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-128



12

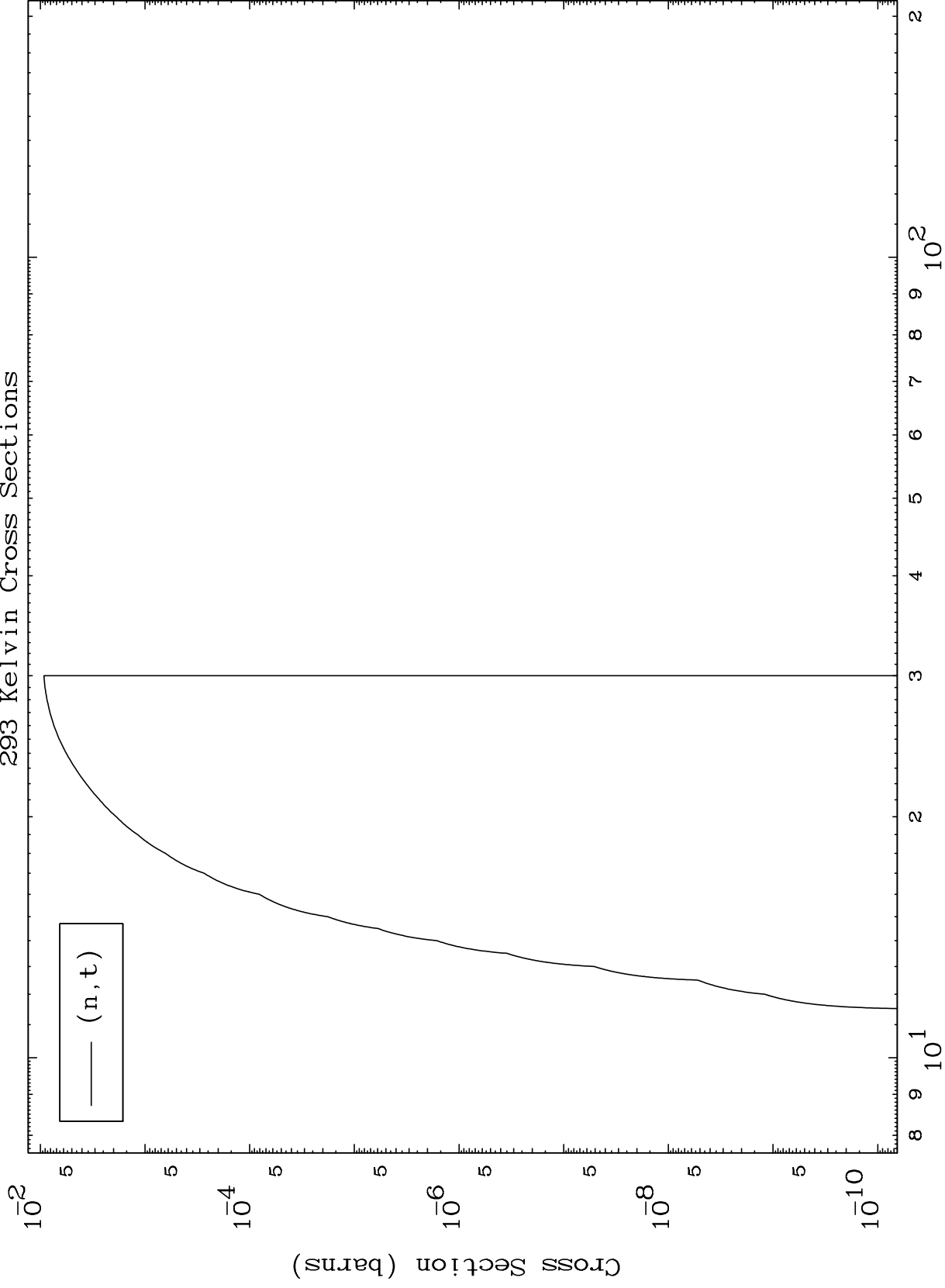
Incident Energy (MeV)

56-Ba-128

MAT 5619

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-128



13

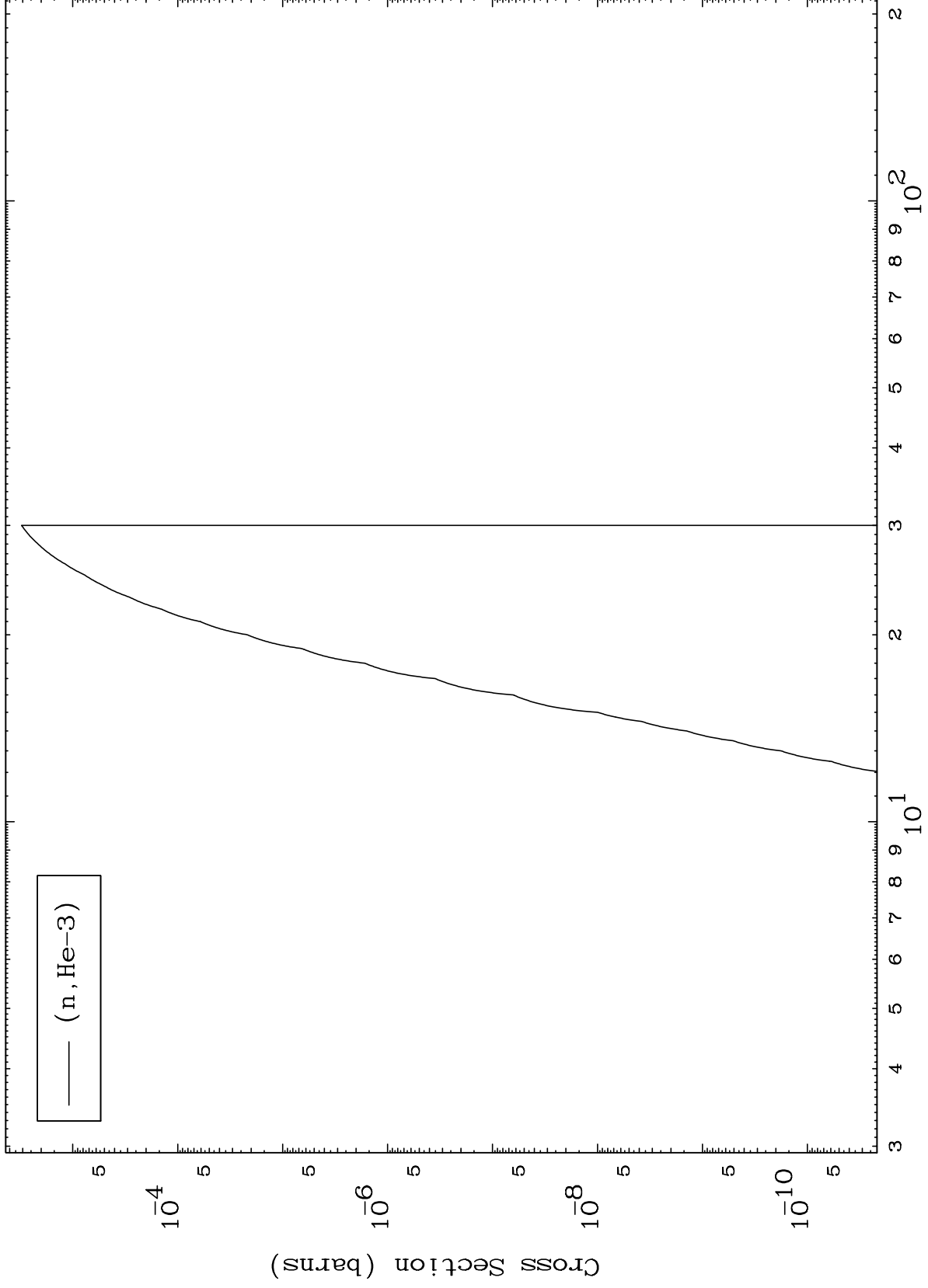
Incident Energy (MeV)

56-Ba-128

MAT 5619

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-128



14

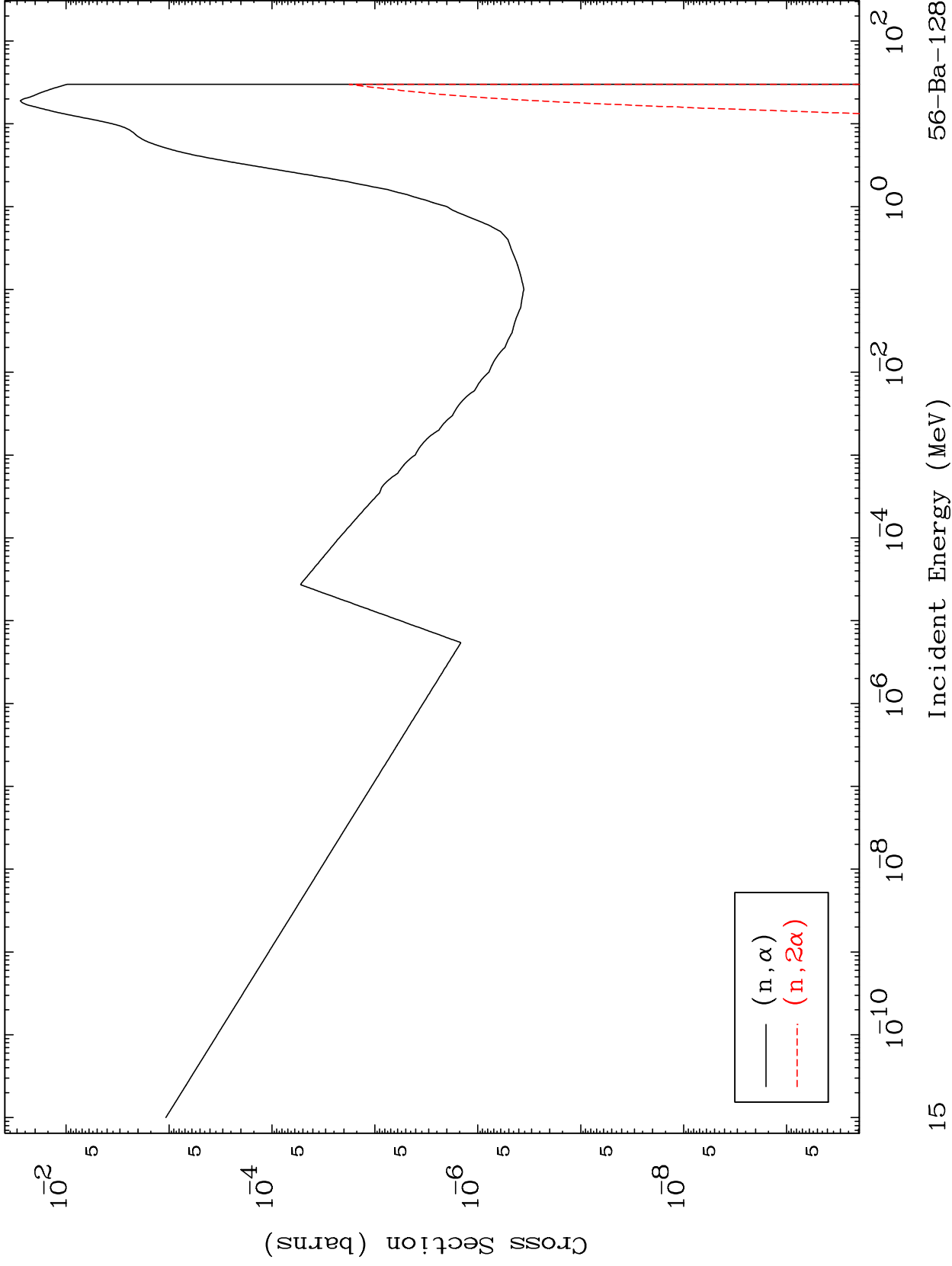
Incident Energy (MeV)

56-Ba-128

MAT 5619

(n,α) Levels
293 Kelvin Cross Sections

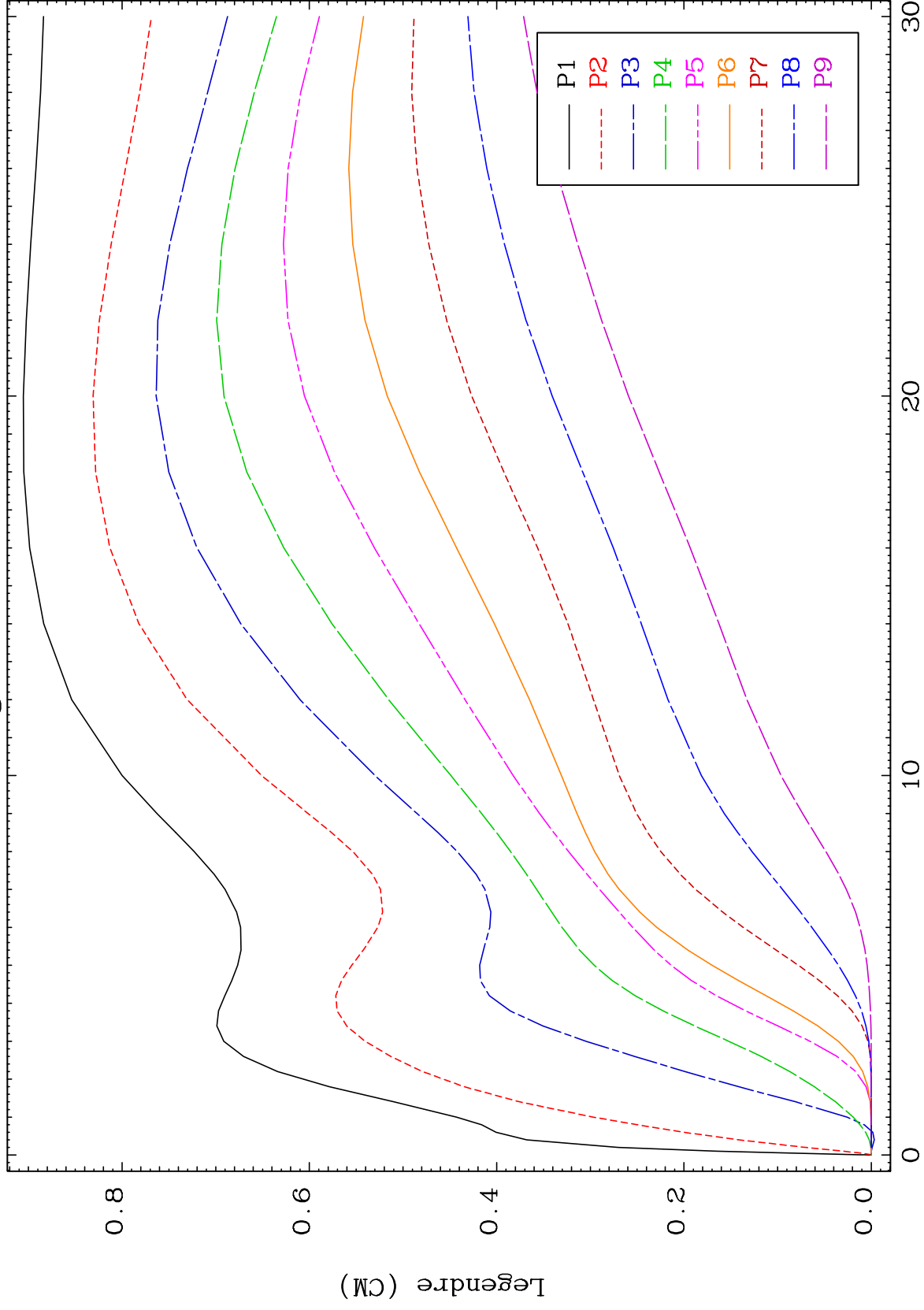
56-Ba-128



MAT 5619

Elastic Legendre Coefficients

56-Ba-128



16

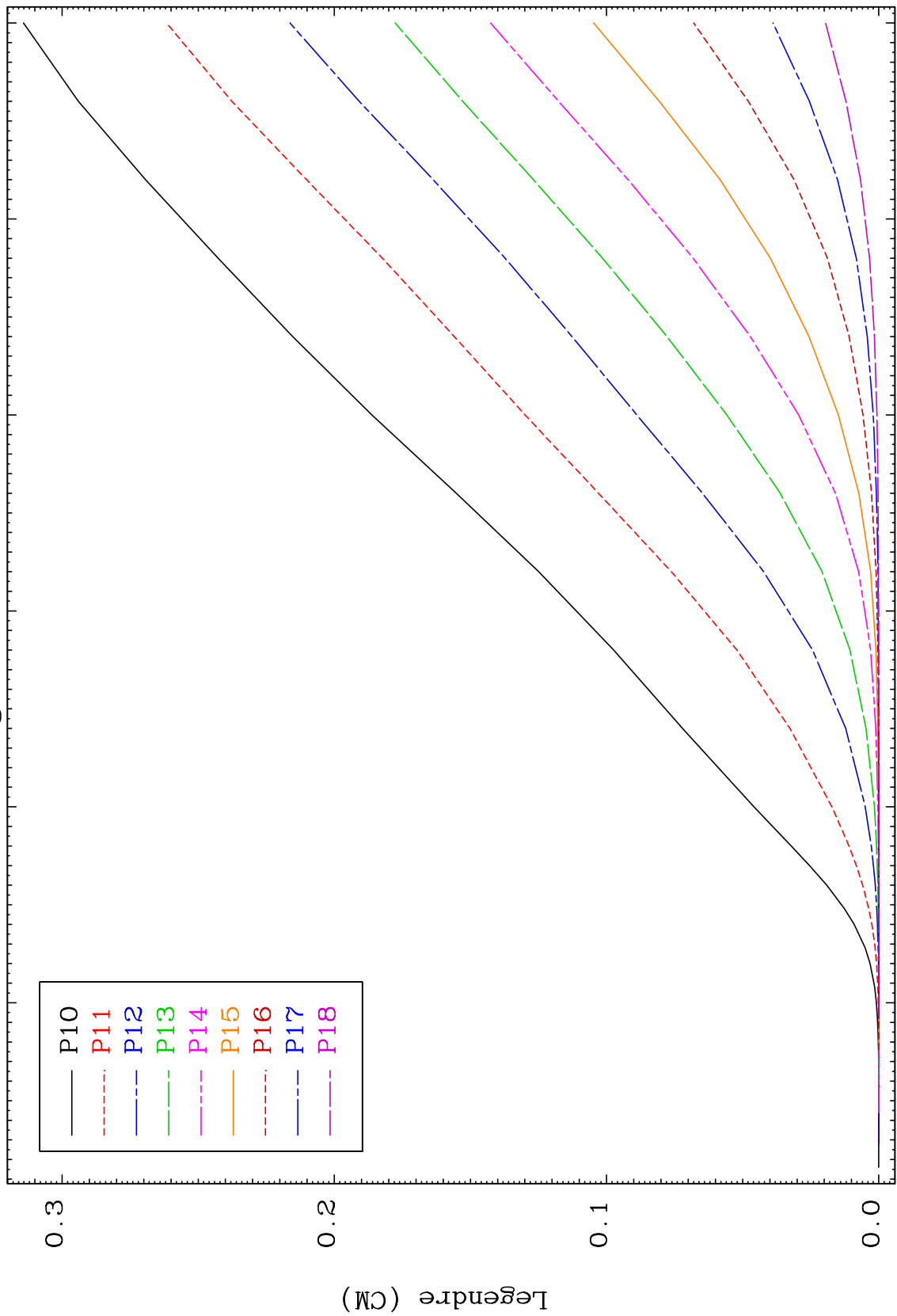
Incident Energy (MeV)

56-Ba-128

MAT 5619

Elastic Legendre Coefficients

56-Ba-128



17

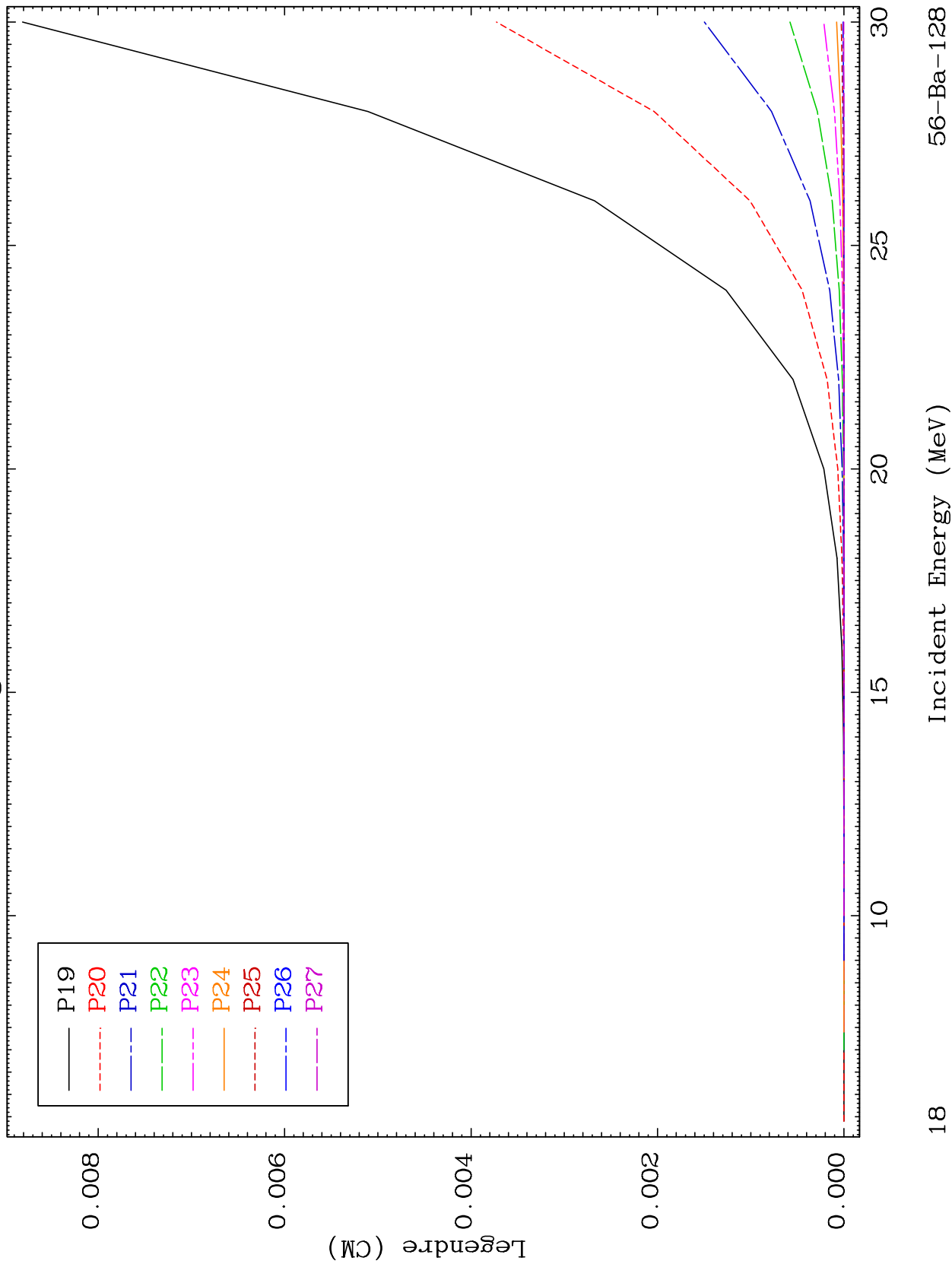
Incident Energy (MeV)

56-Ba-128

MAT 5619

Elastic Legendre Coefficients

56-Ba-128



18

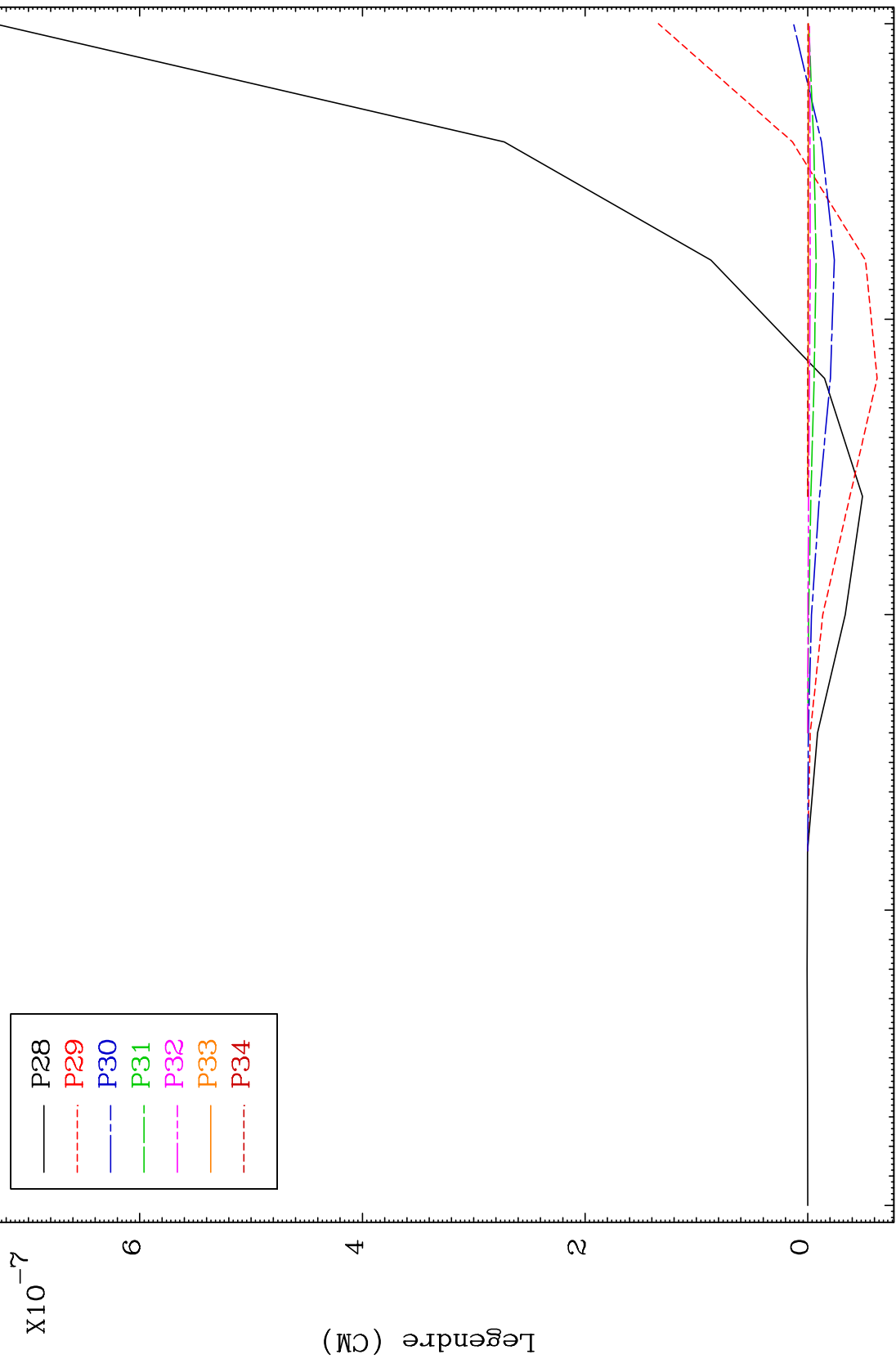
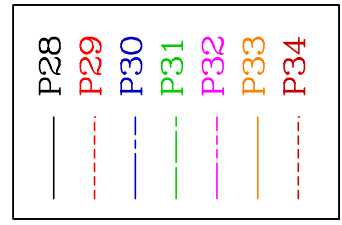
Incident Energy (MeV)

56-Ba-128

MAT 5619

Elastic Legendre Coefficients

56-Ba-128



19

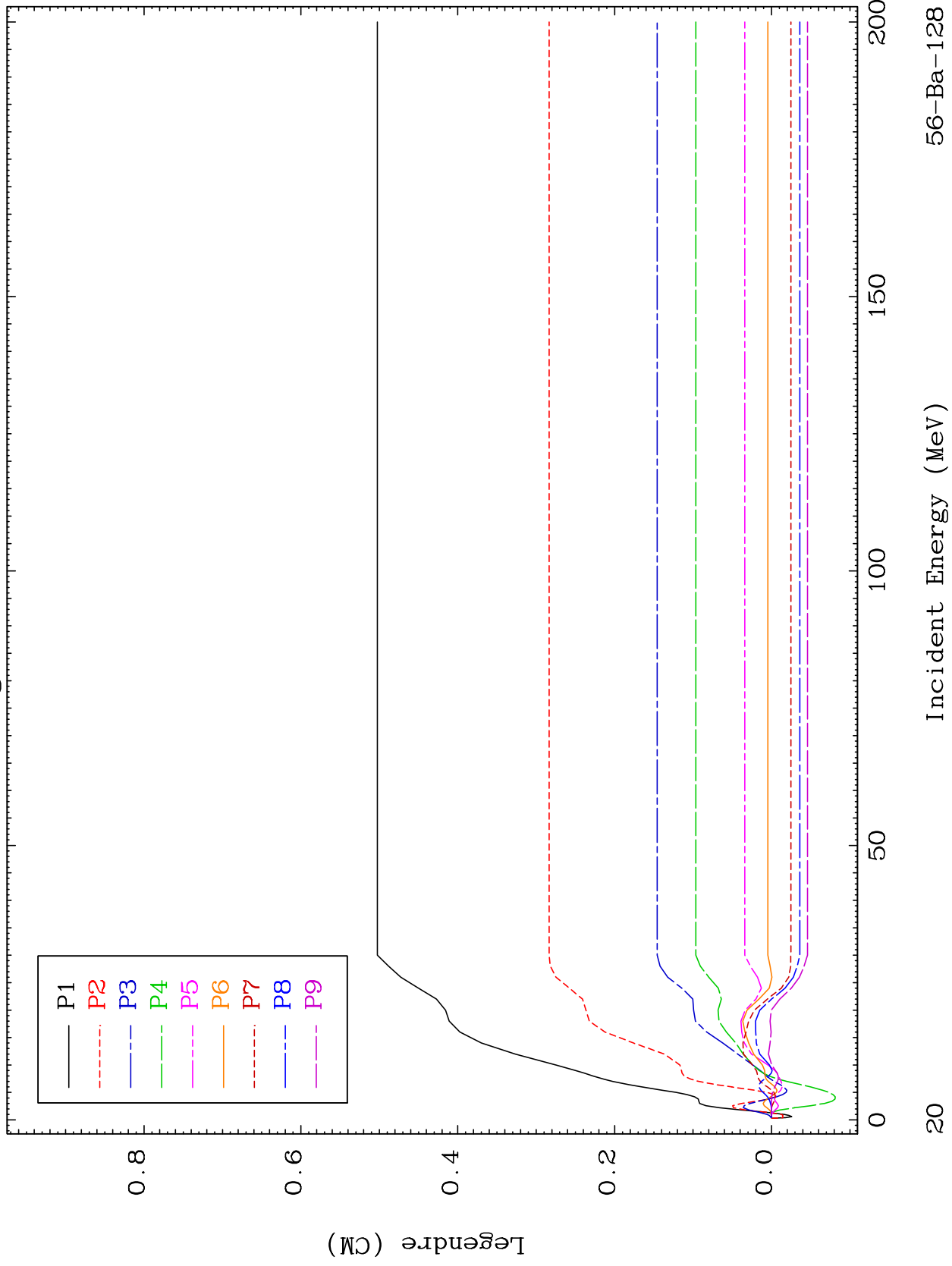
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

56-Ba-128



56-Ba-128

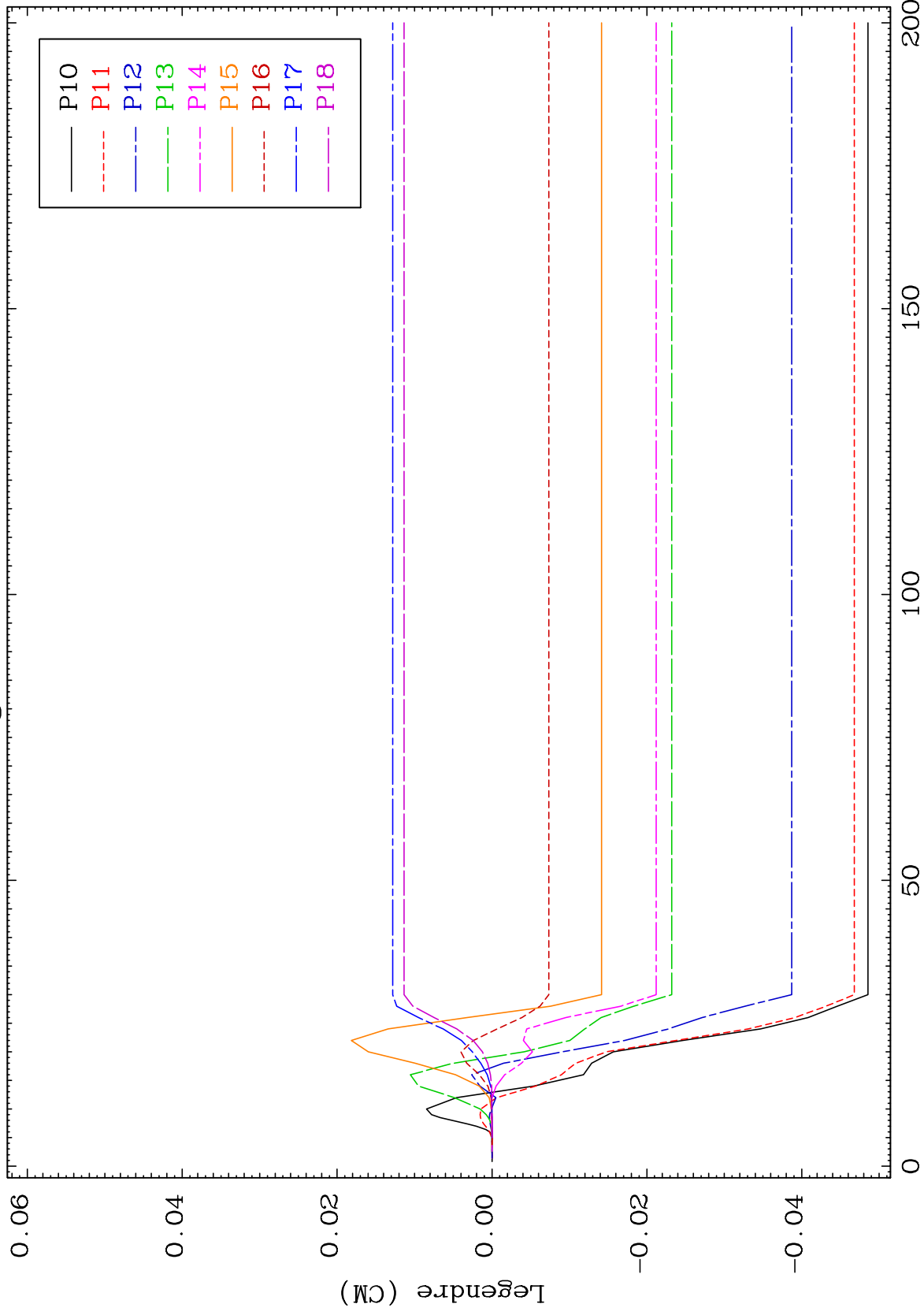
Incident Energy (MeV)

20

MAT 5619

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

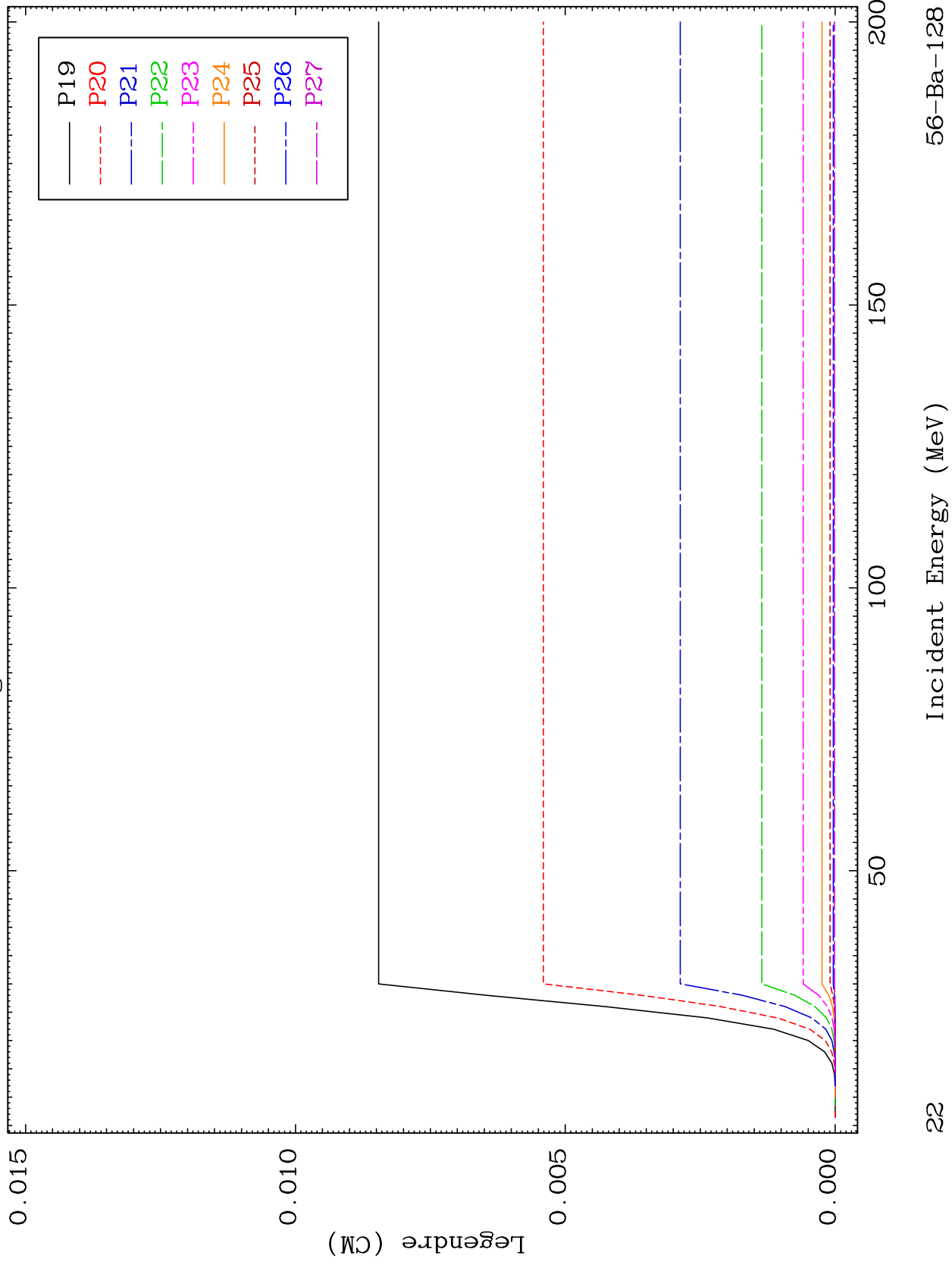
56-Ba-128



MAT 5619

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

56-Ba-128



22

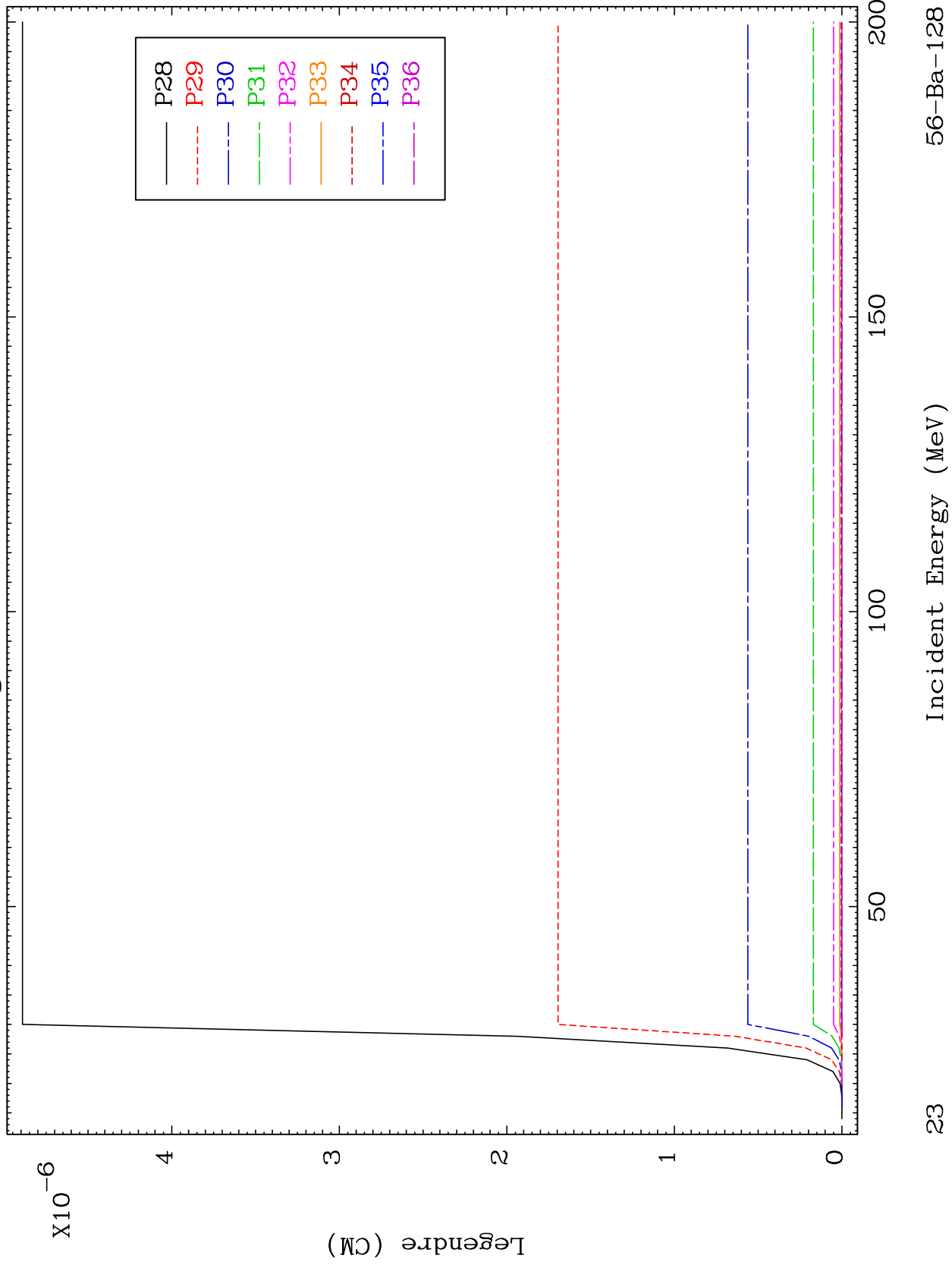
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

56-Ba-128



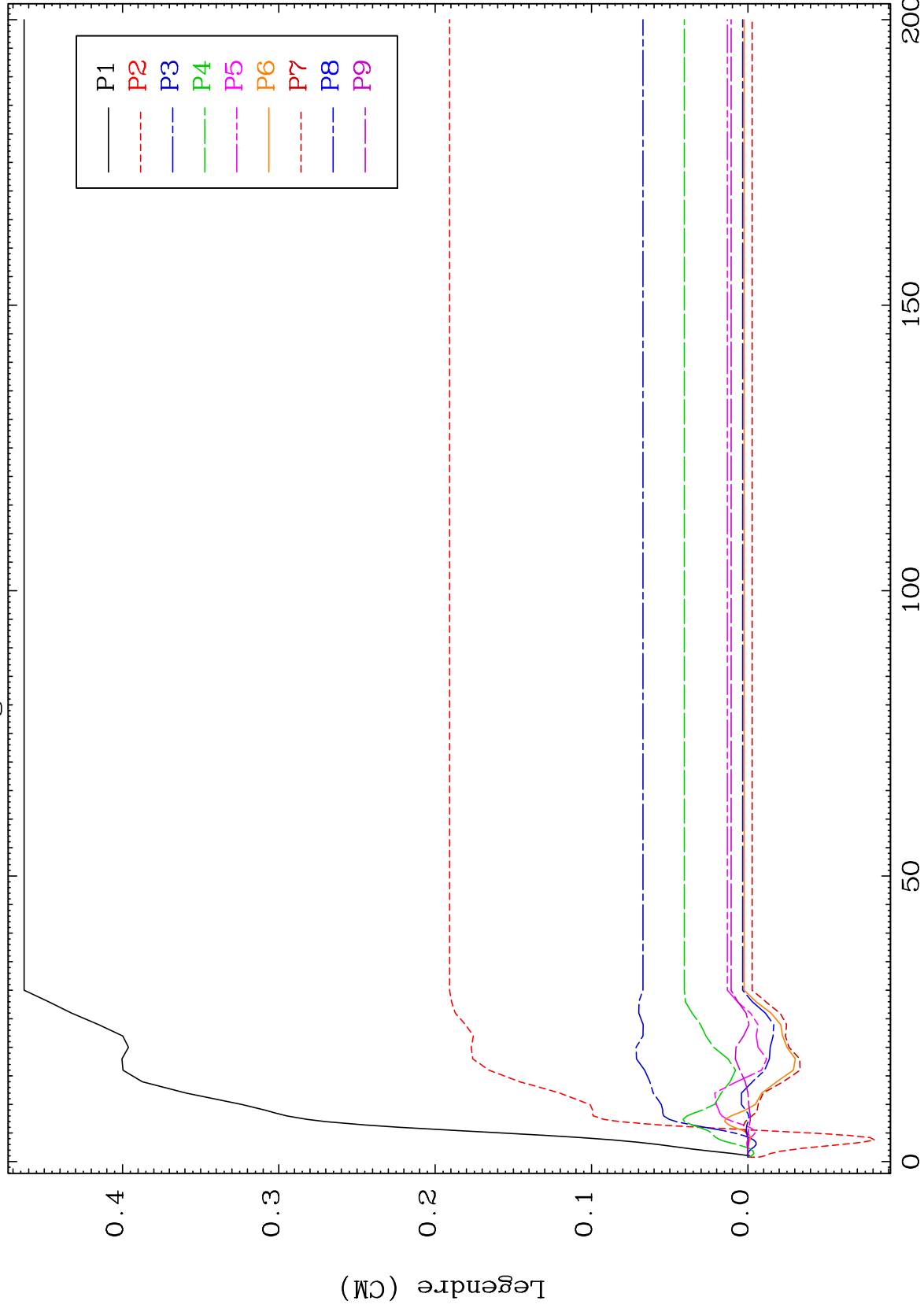
23

56-Ba-128

MAT 5619

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

56-Ba-128



24

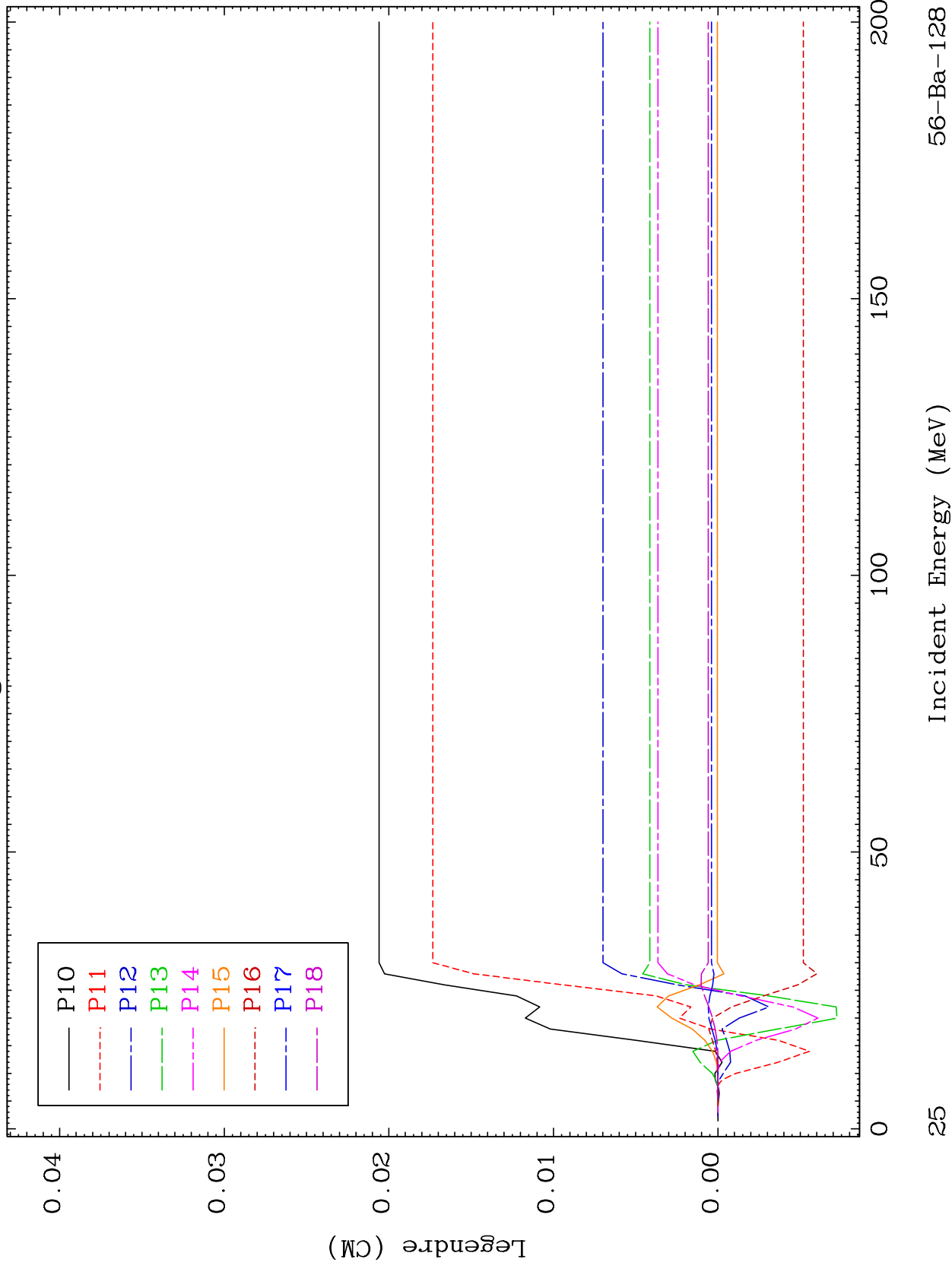
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

56-Ba-128



56-Ba-128

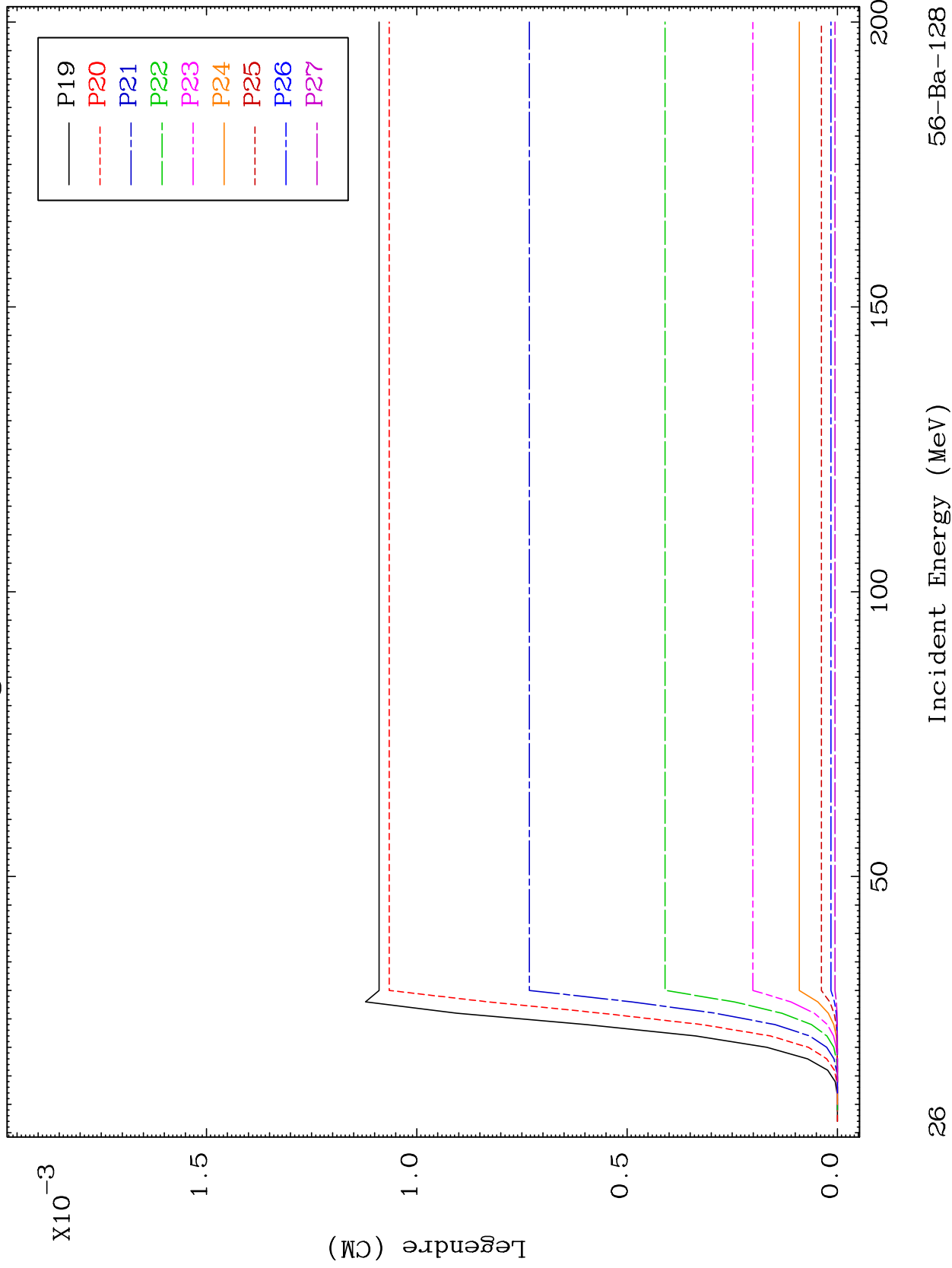
Incident Energy (MeV)

25

MAT 5619

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

56-Ba-128



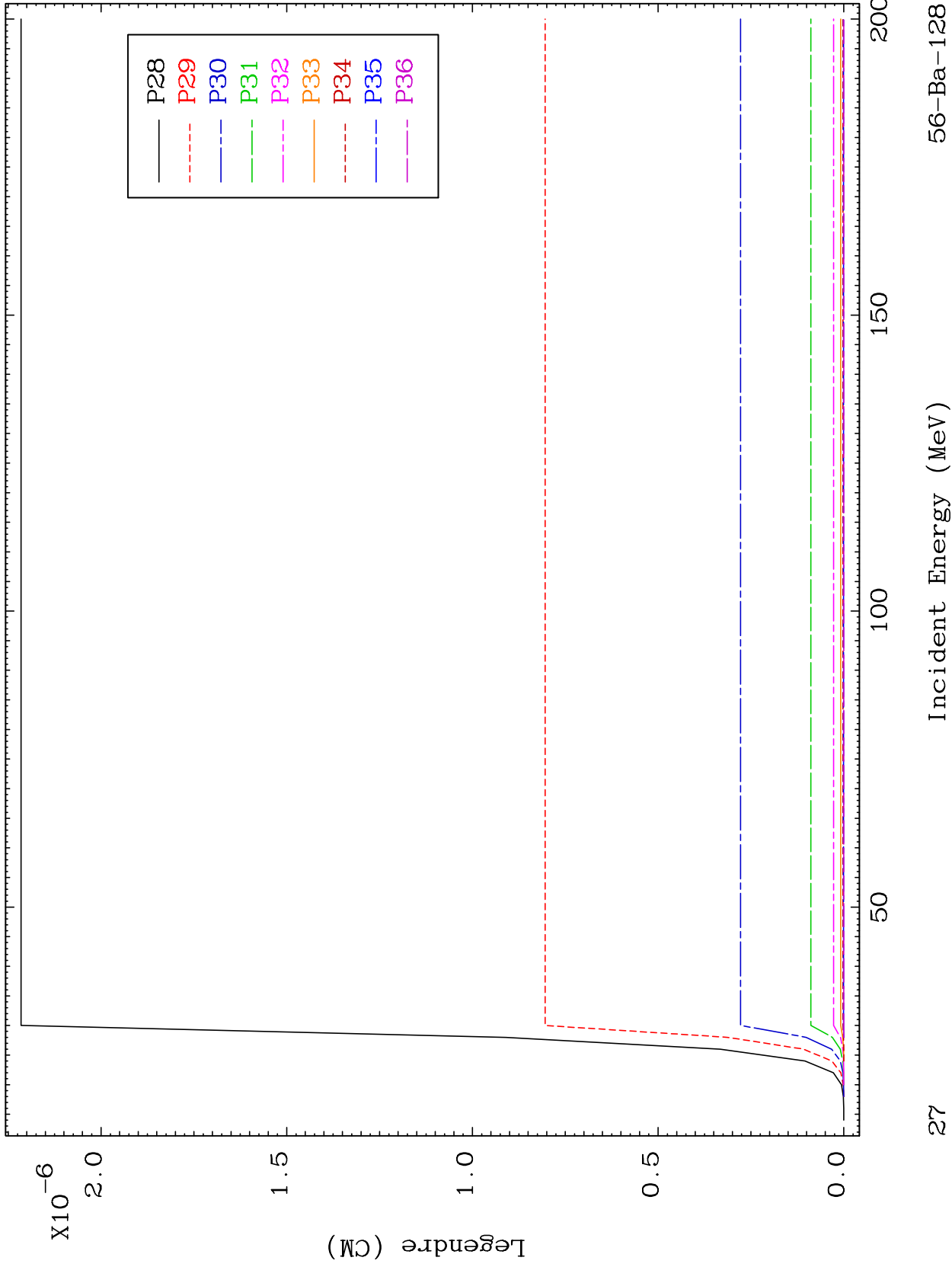
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56-Ba-128

MAT 5619

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

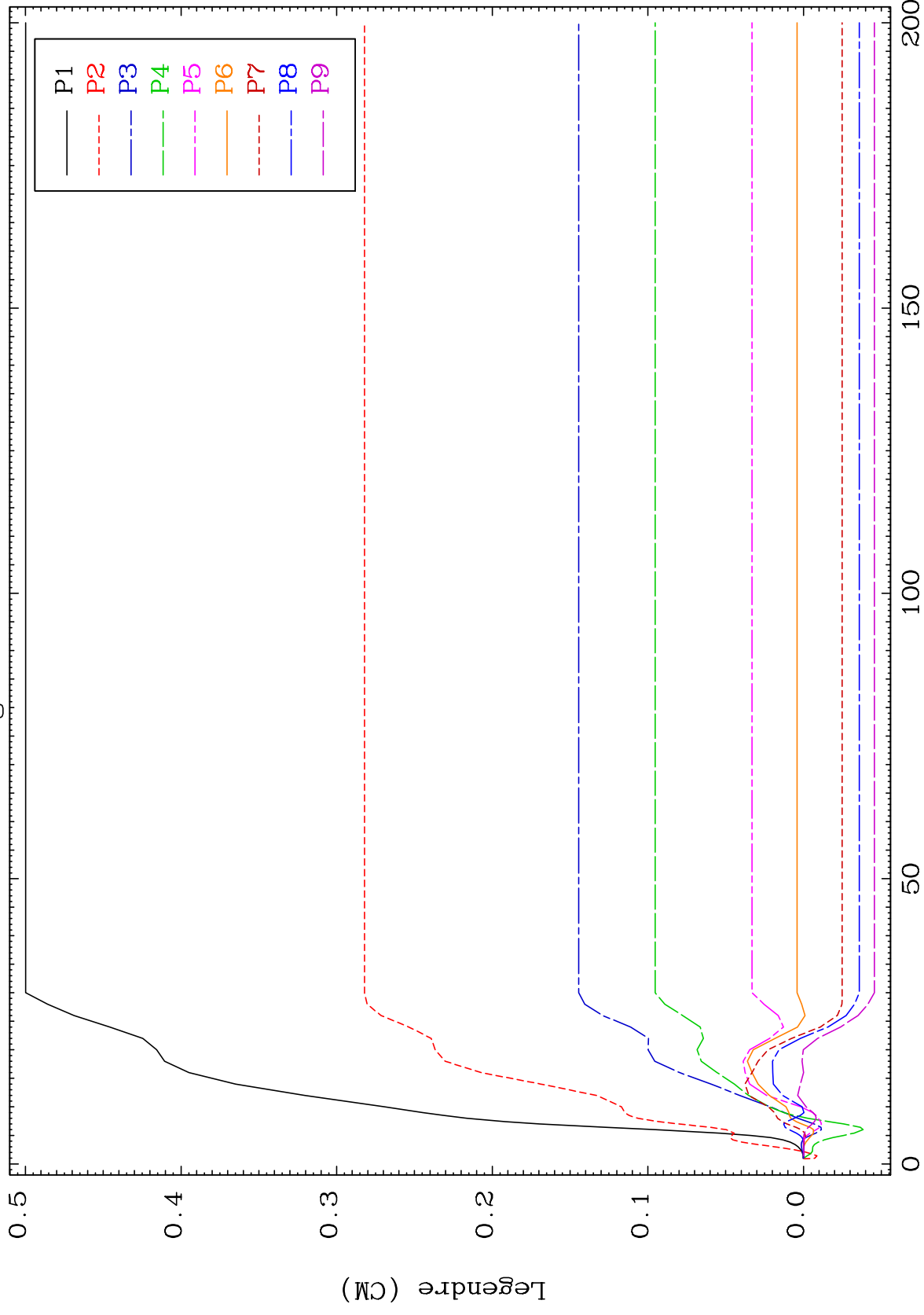
56-Ba-128



MAT 5619

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

56-Ba-128



28

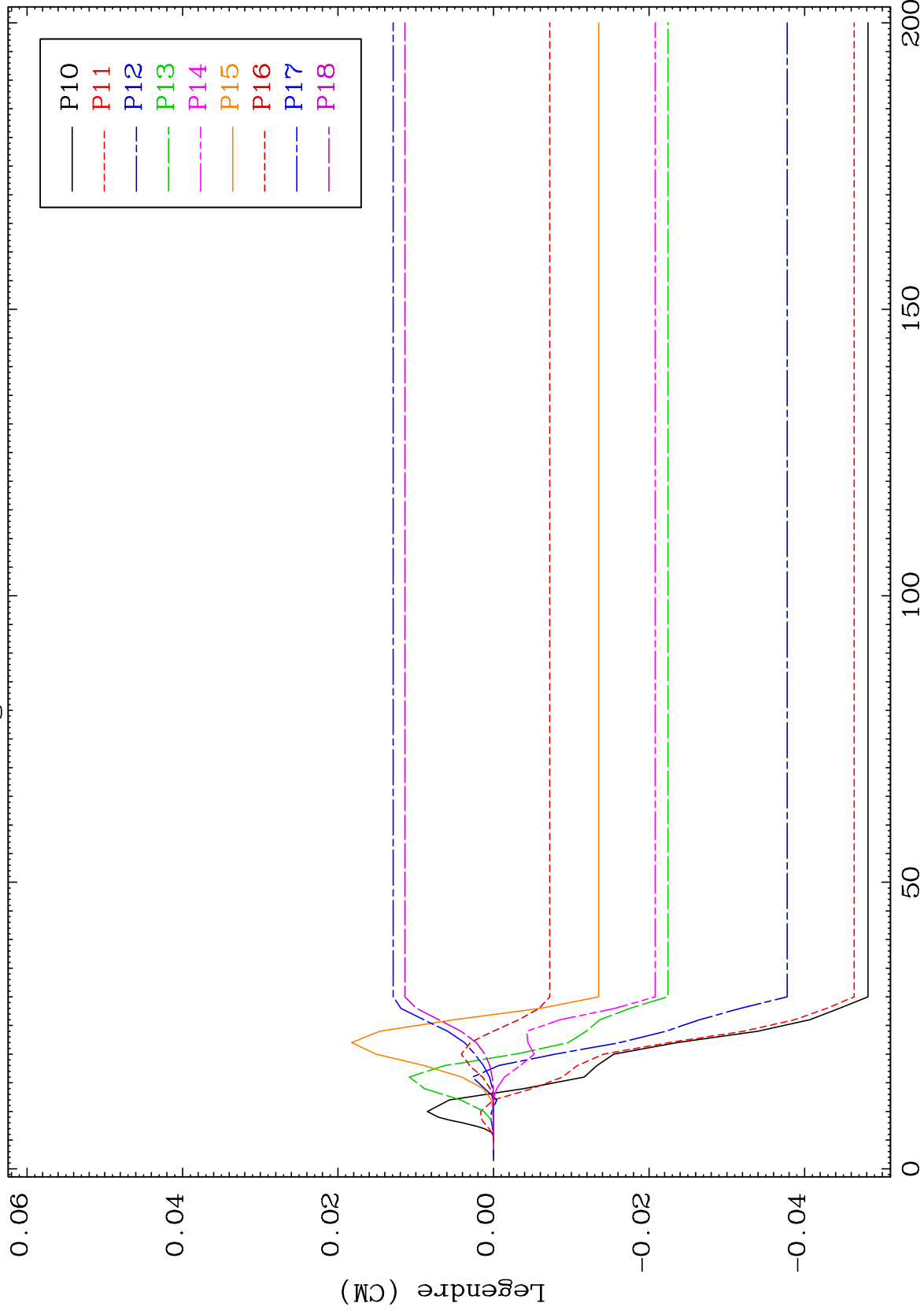
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

56-Ba-128



29

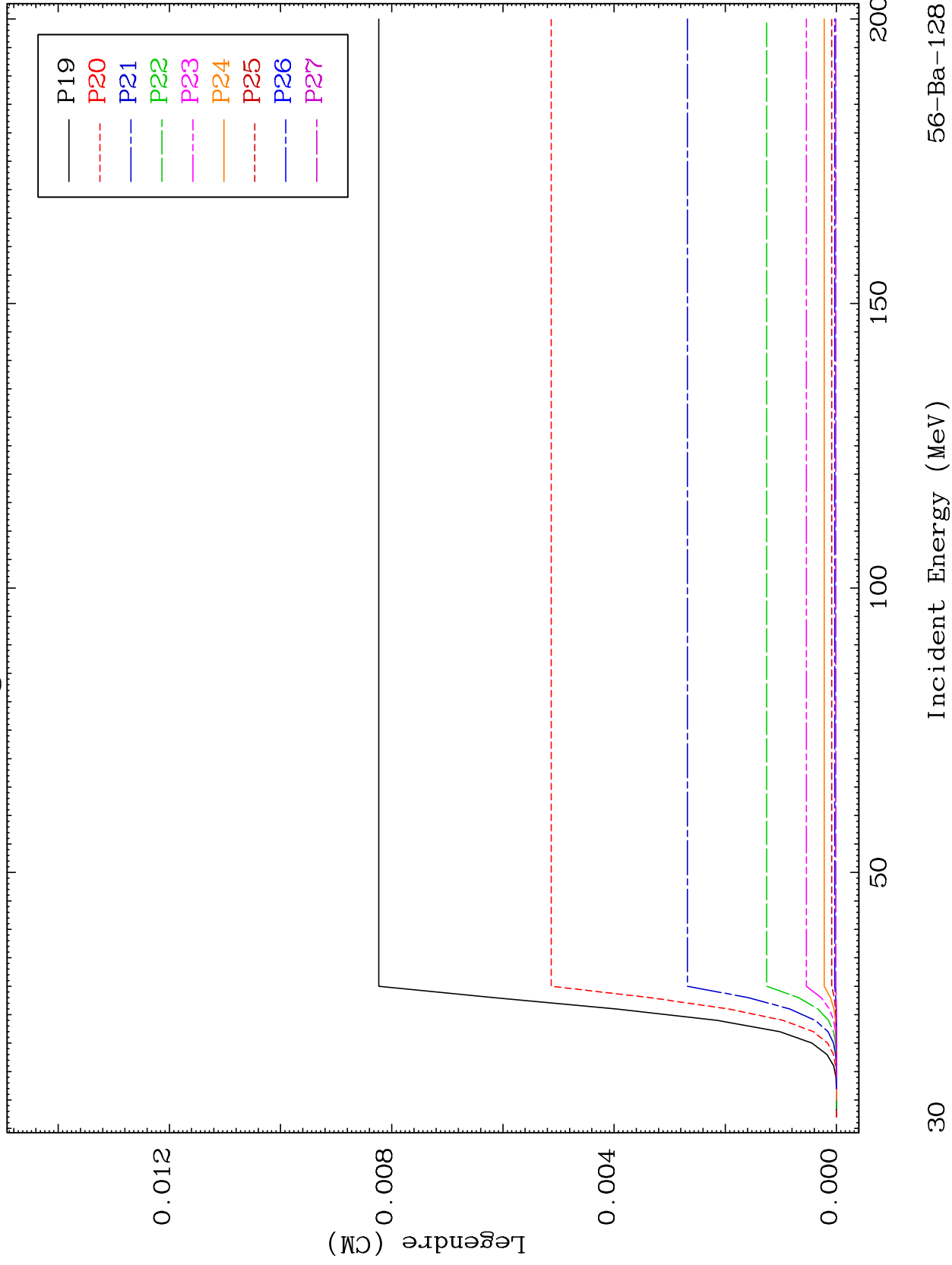
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

56-Ba-128



56-Ba-128

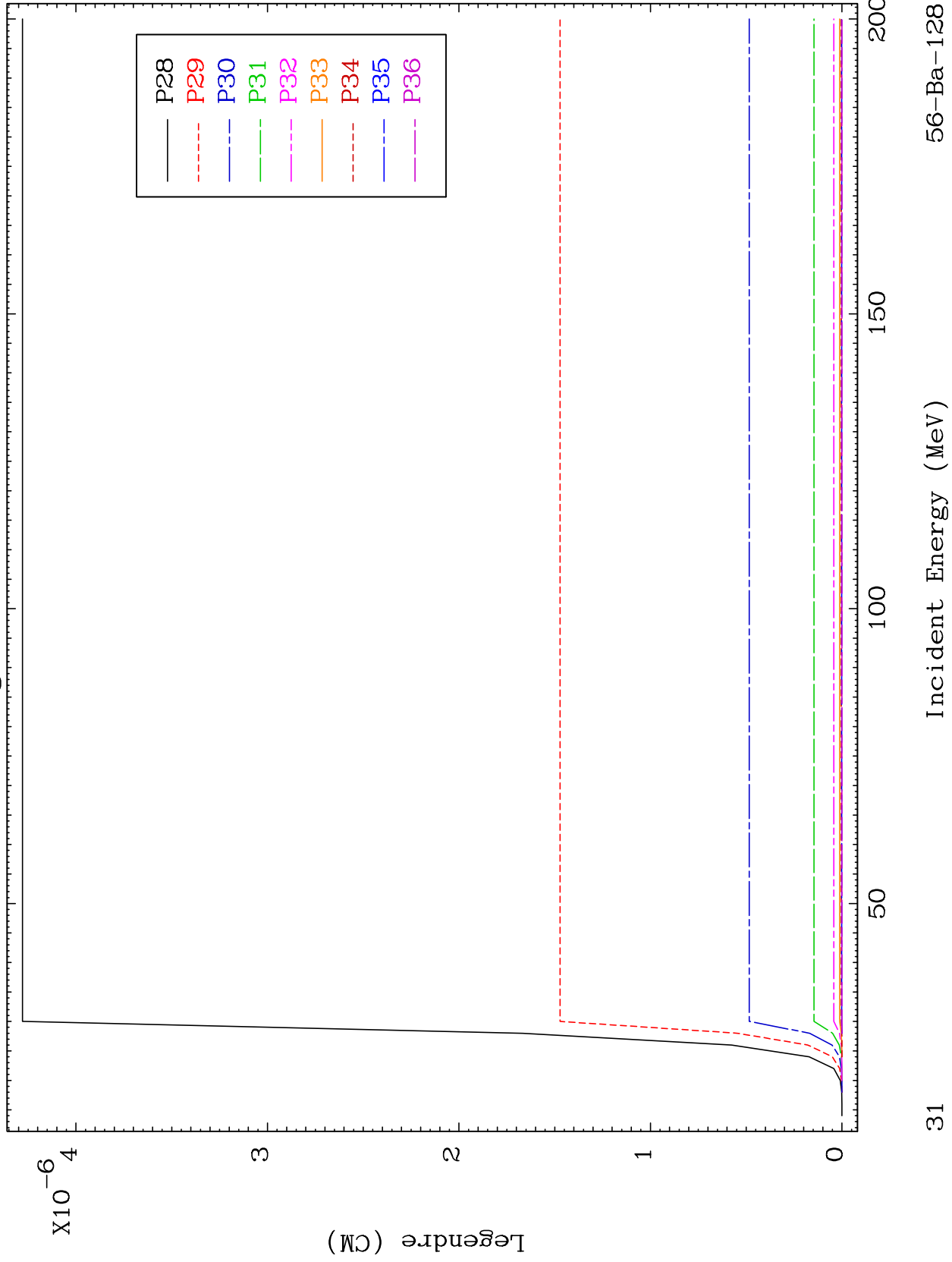
Incident Energy (MeV)

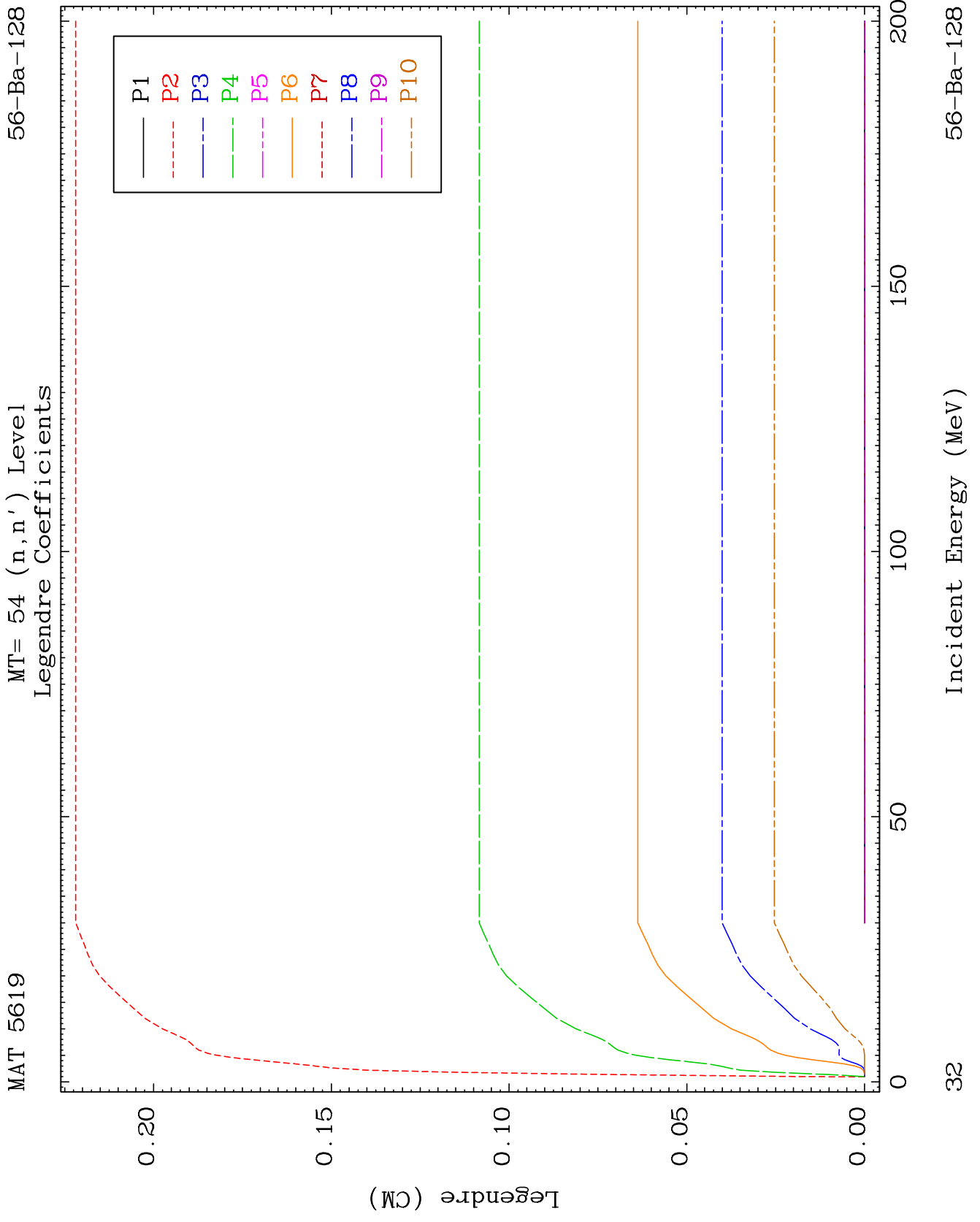
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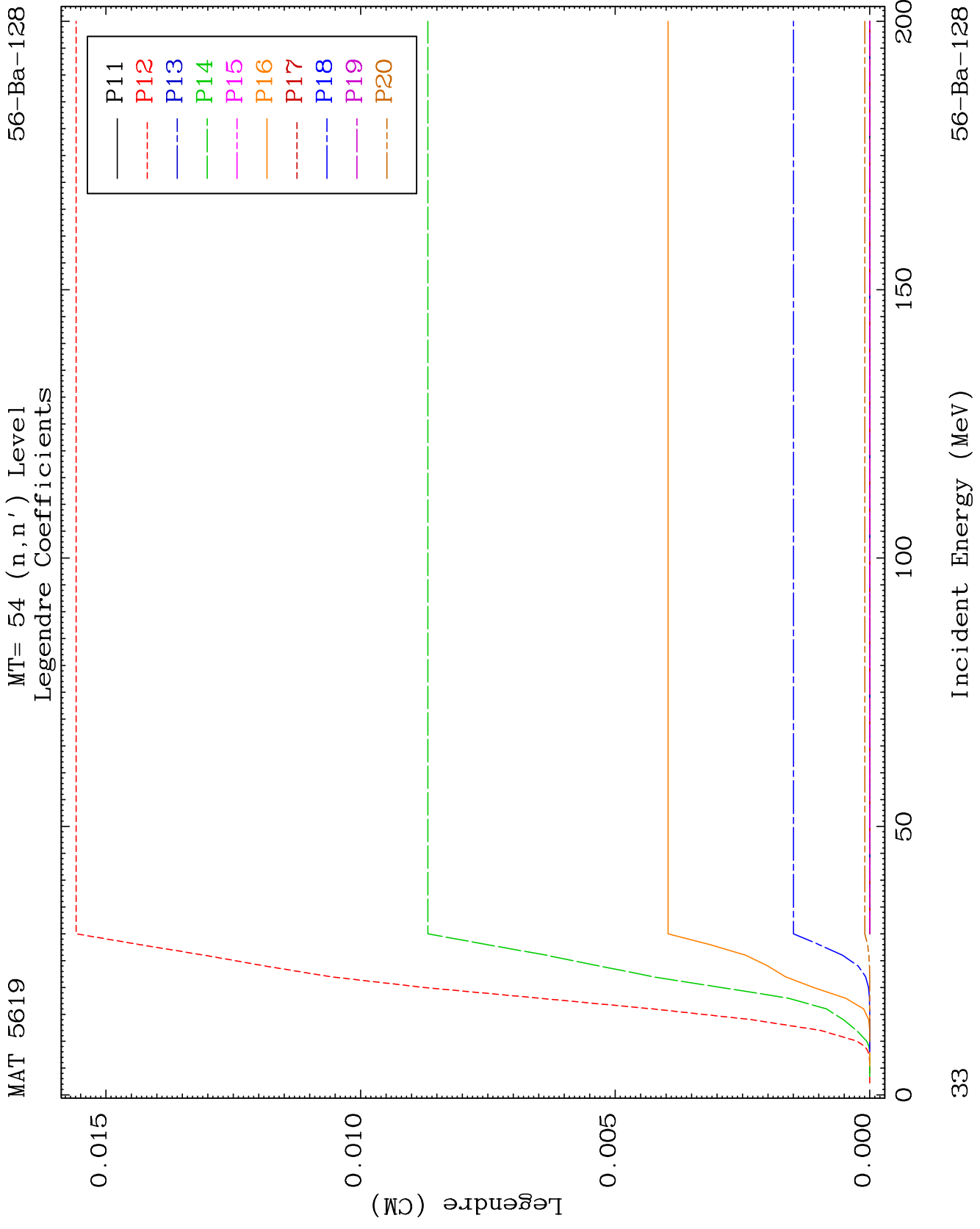
MAT 5619

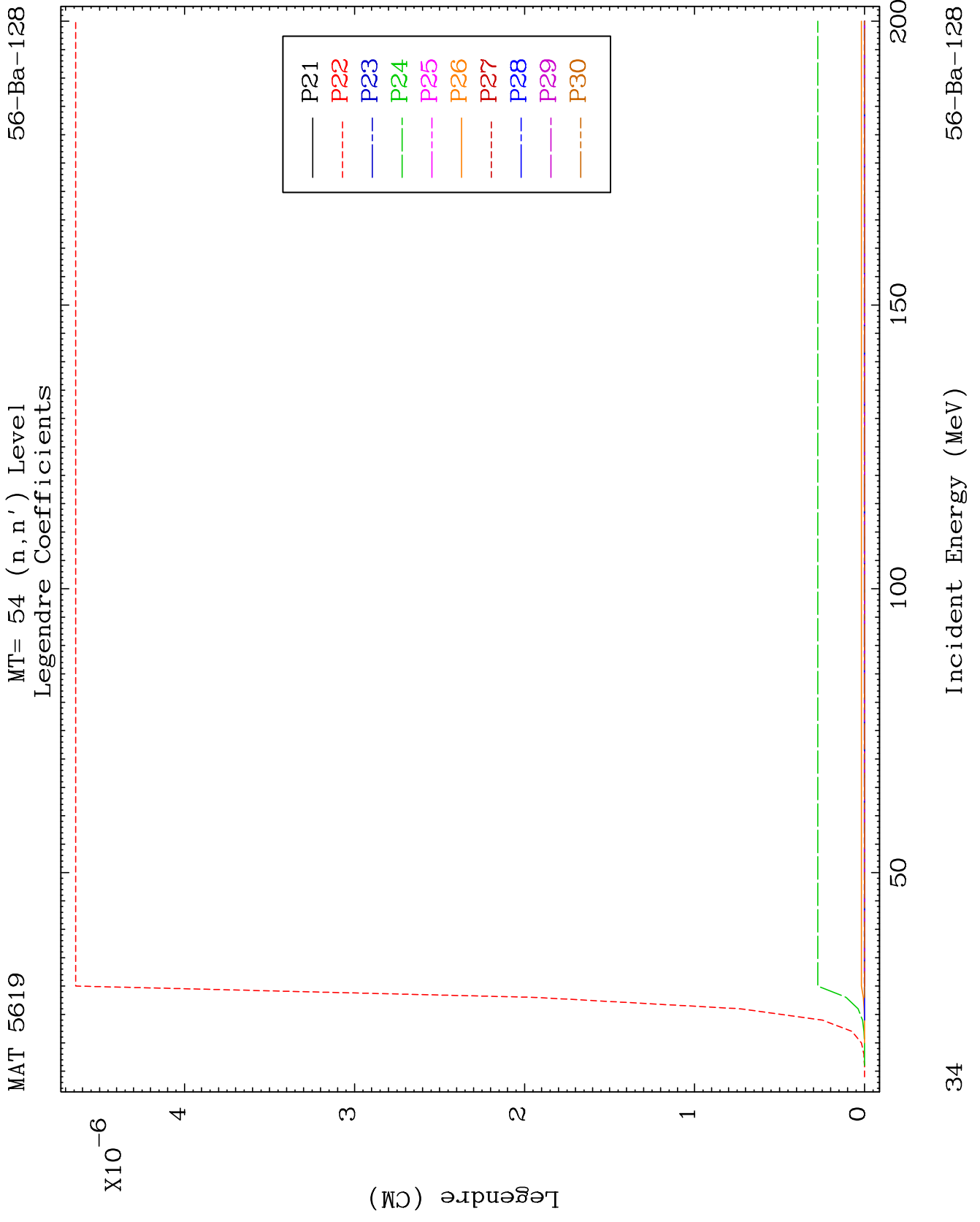
MT= 53 (n,n') Level
Legendre Coefficients

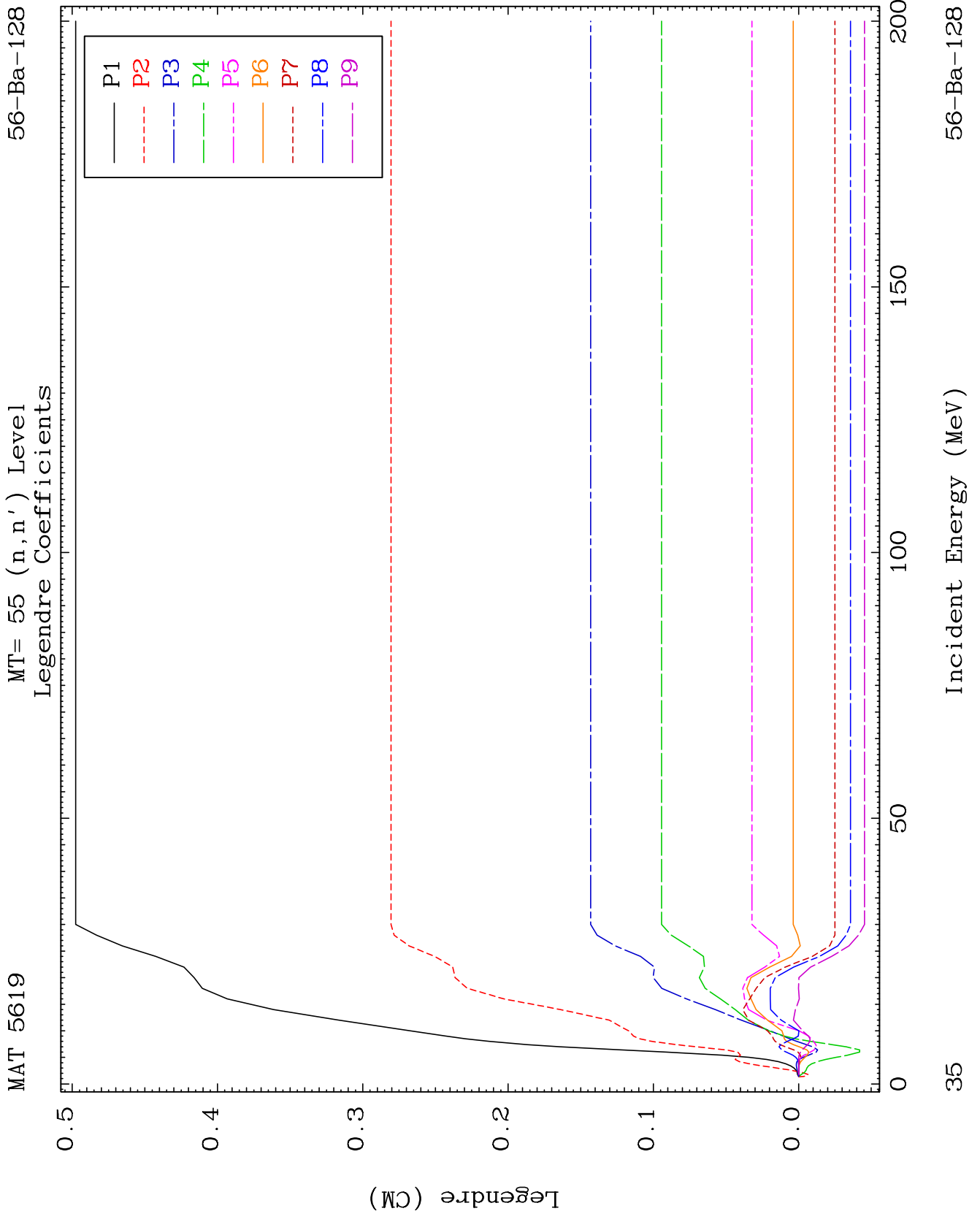
56-Ba-128







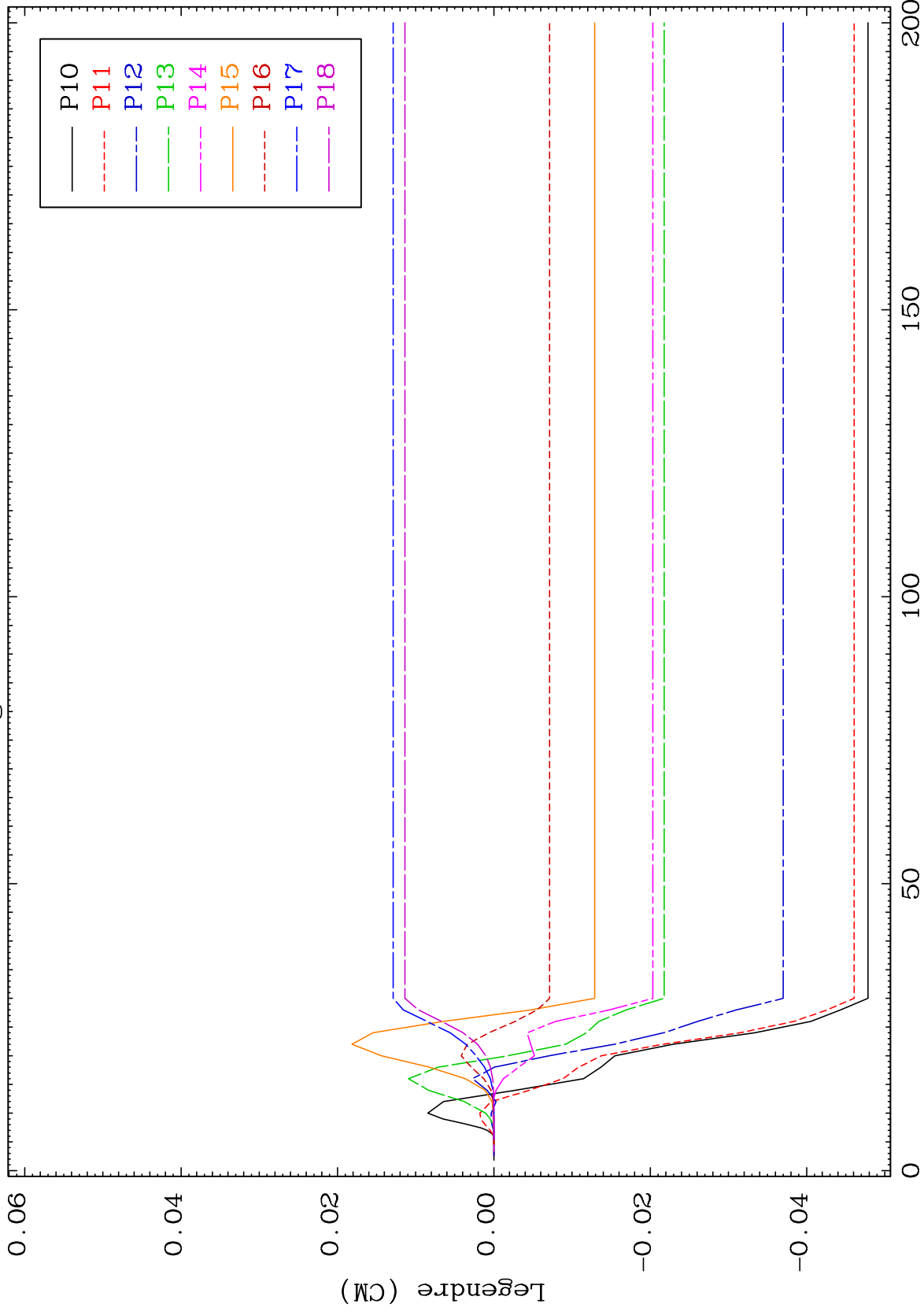




MAT 5619

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

56-Ba-128



36

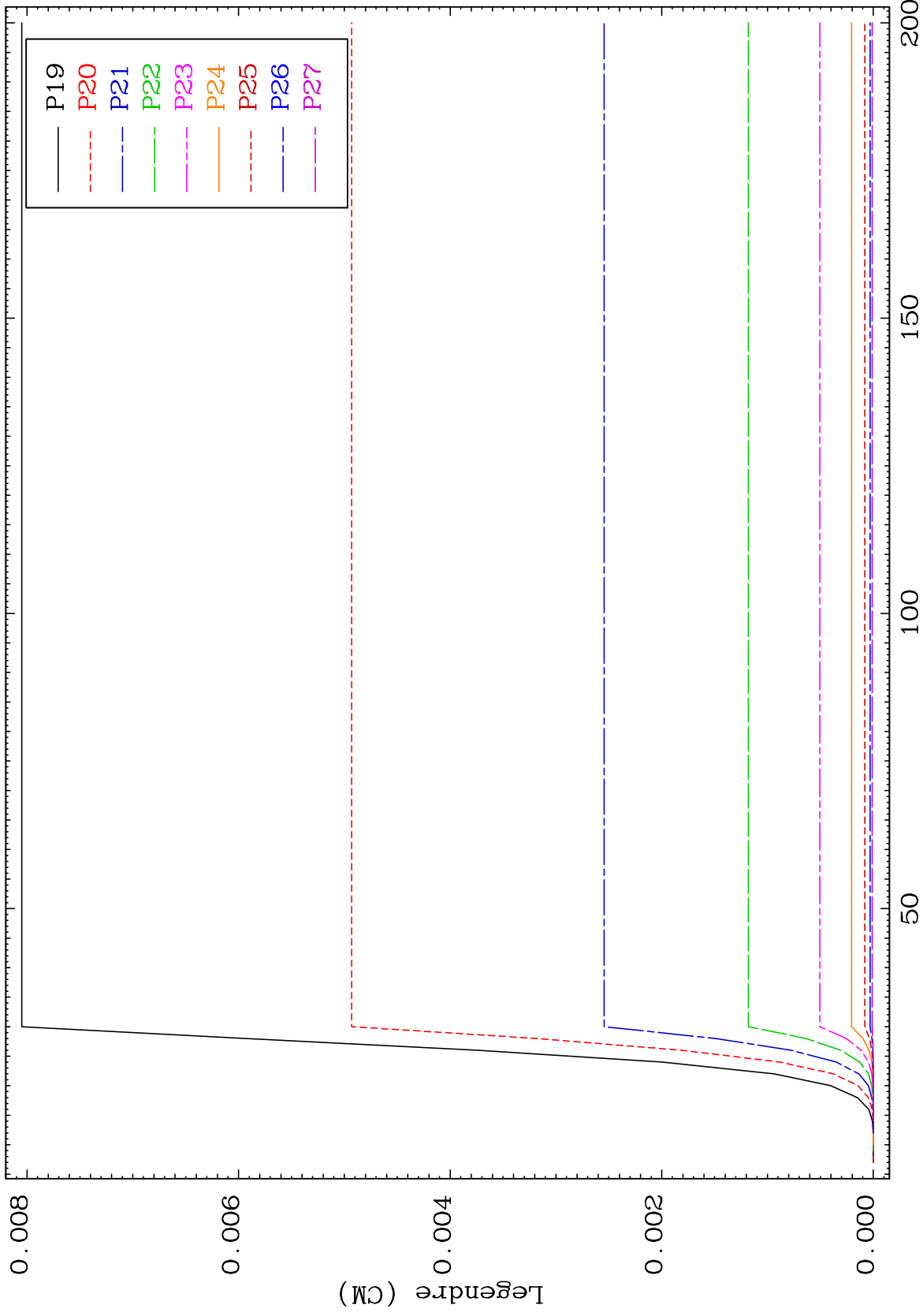
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

56-Ba-128



37

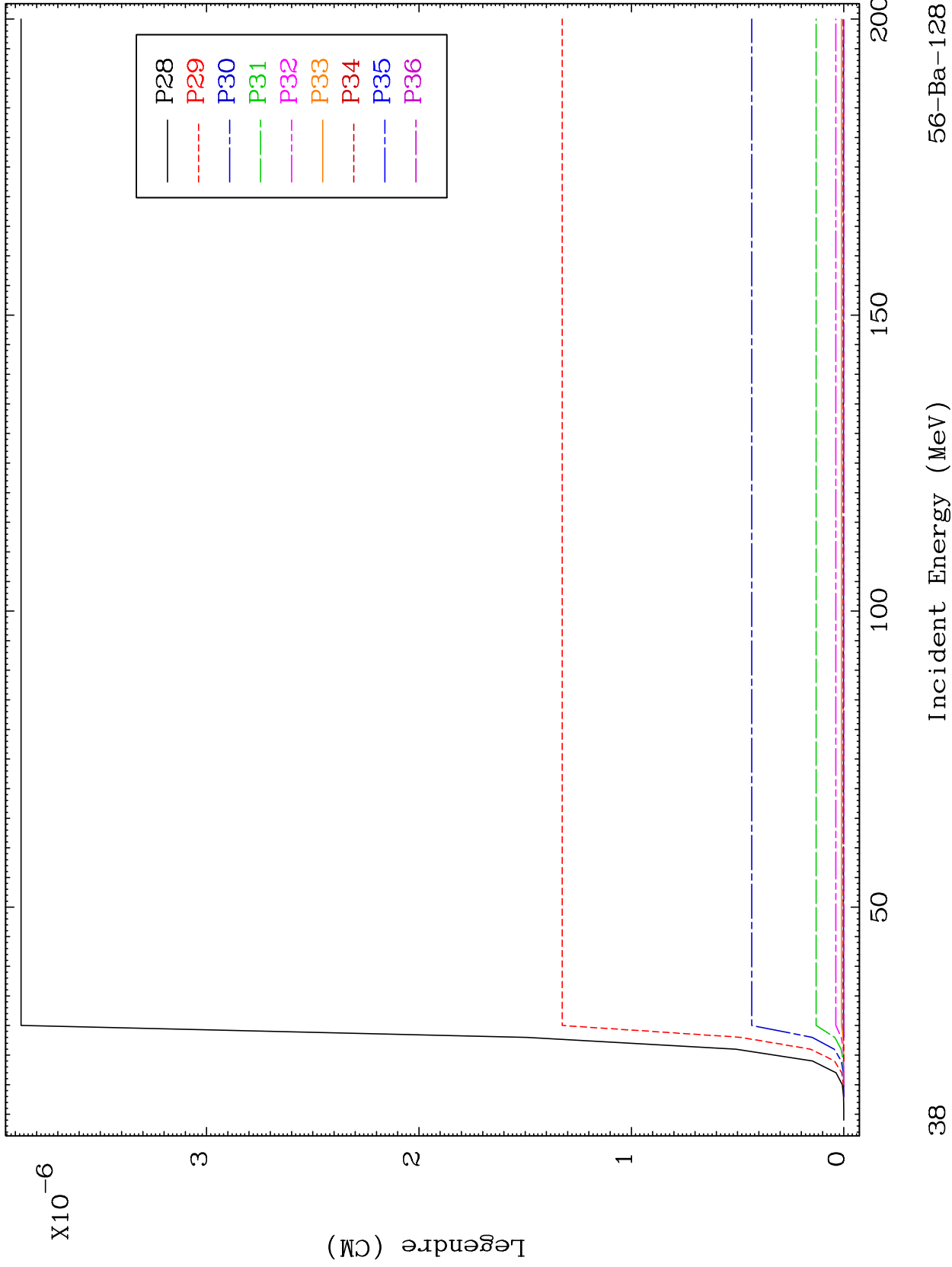
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

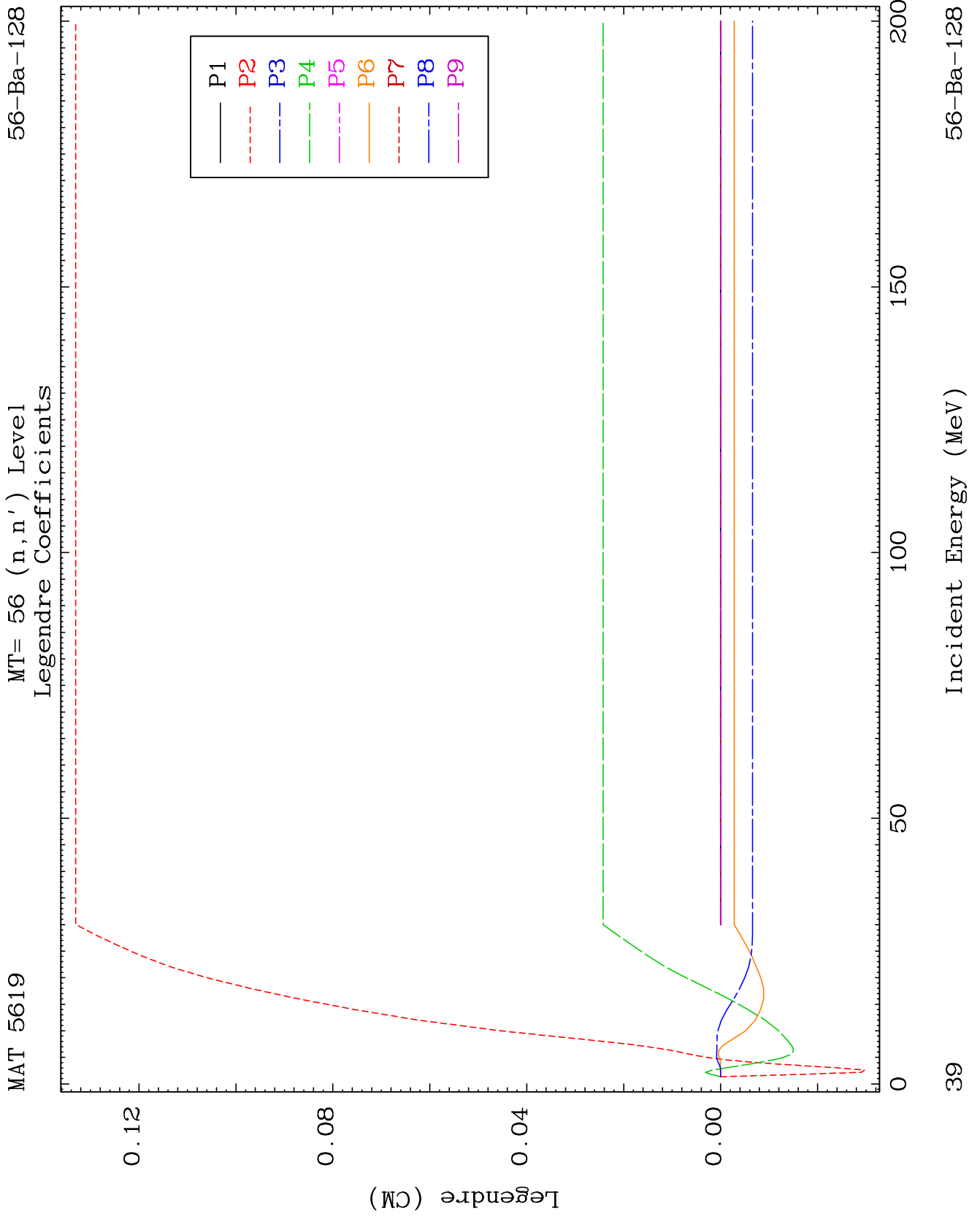
56-Ba-128



38

Incident Energy (MeV)

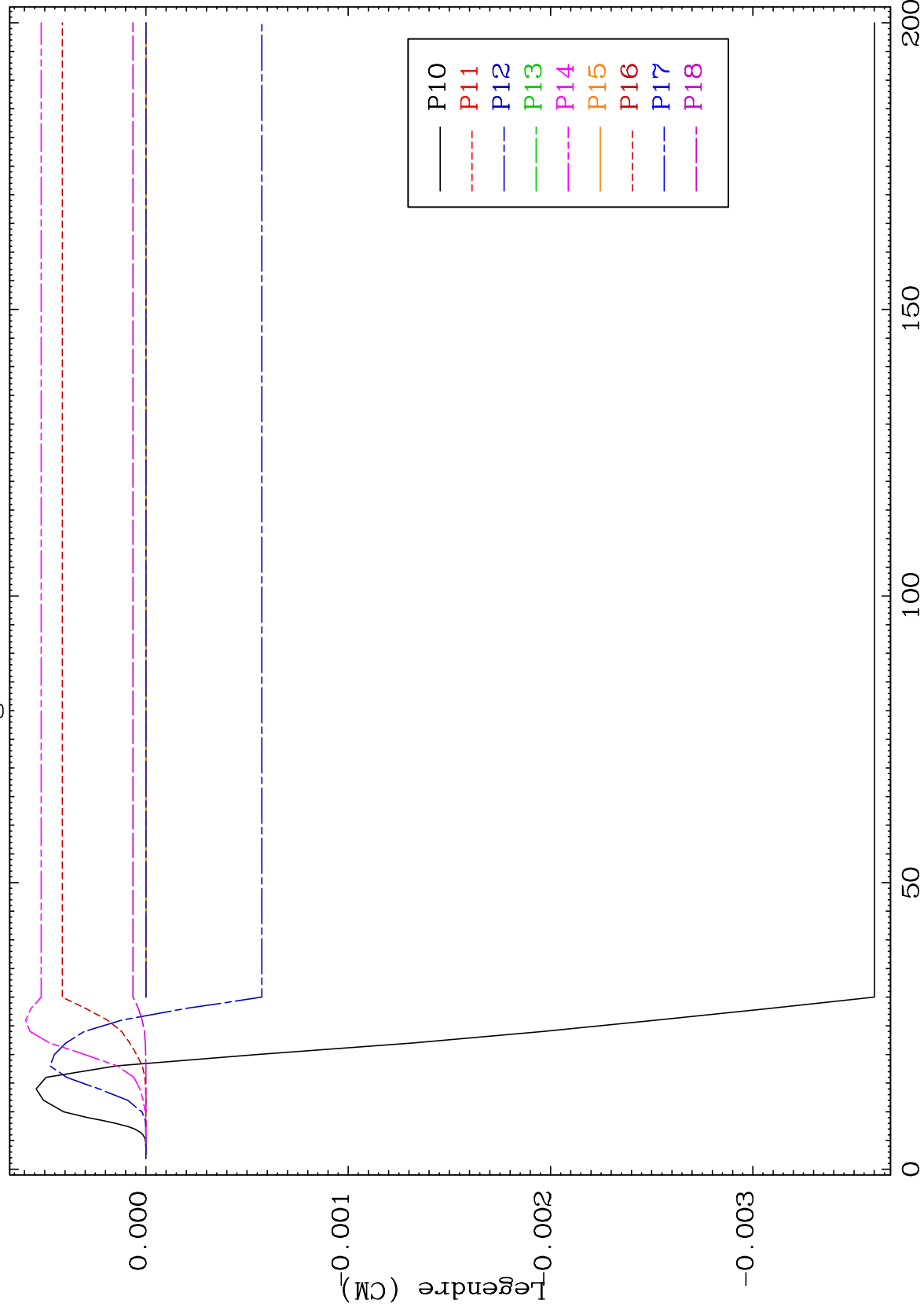
56-Ba-128



MAT 5619

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

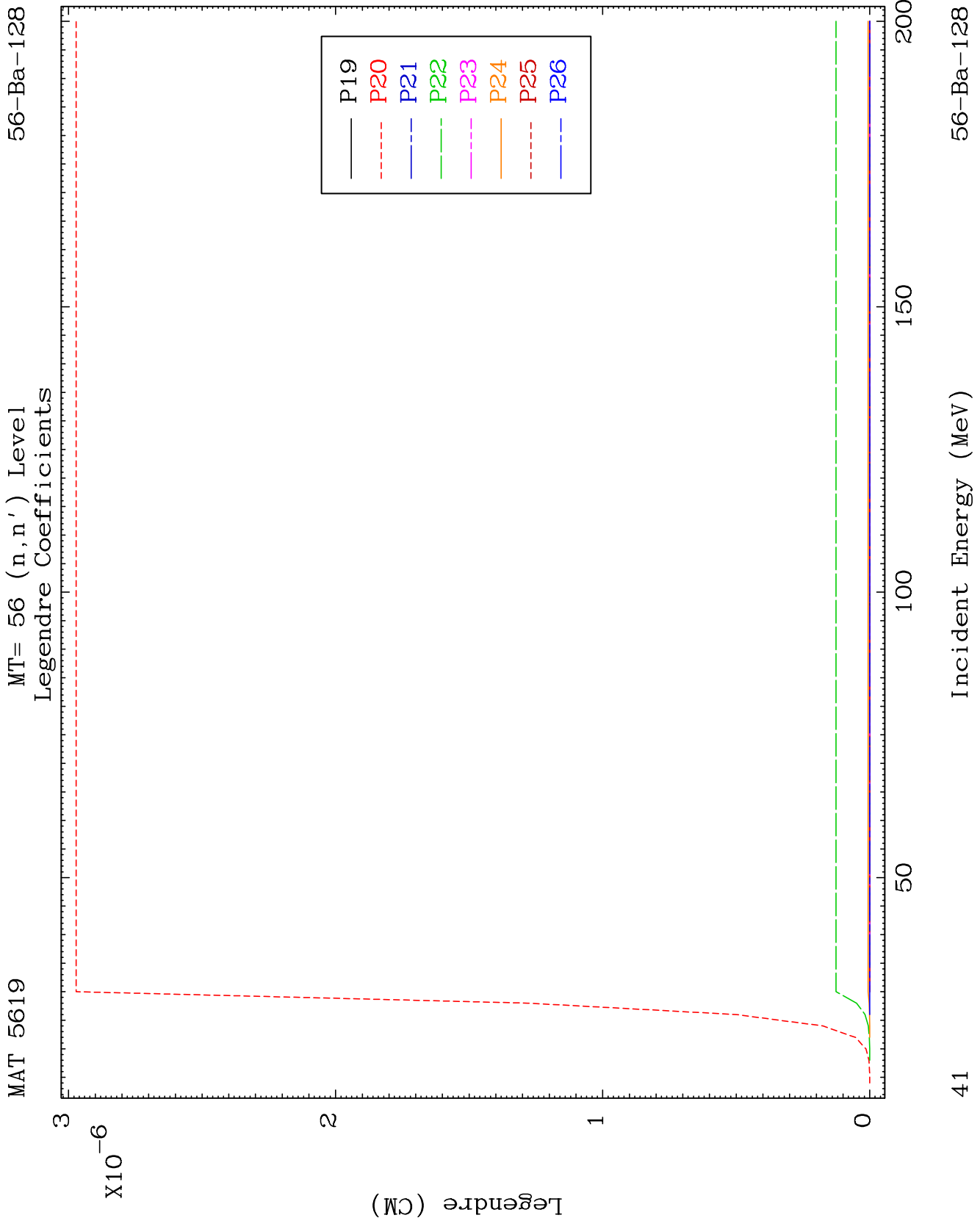
56-Ba-128



56-Ba-128

Incident Energy (MeV)

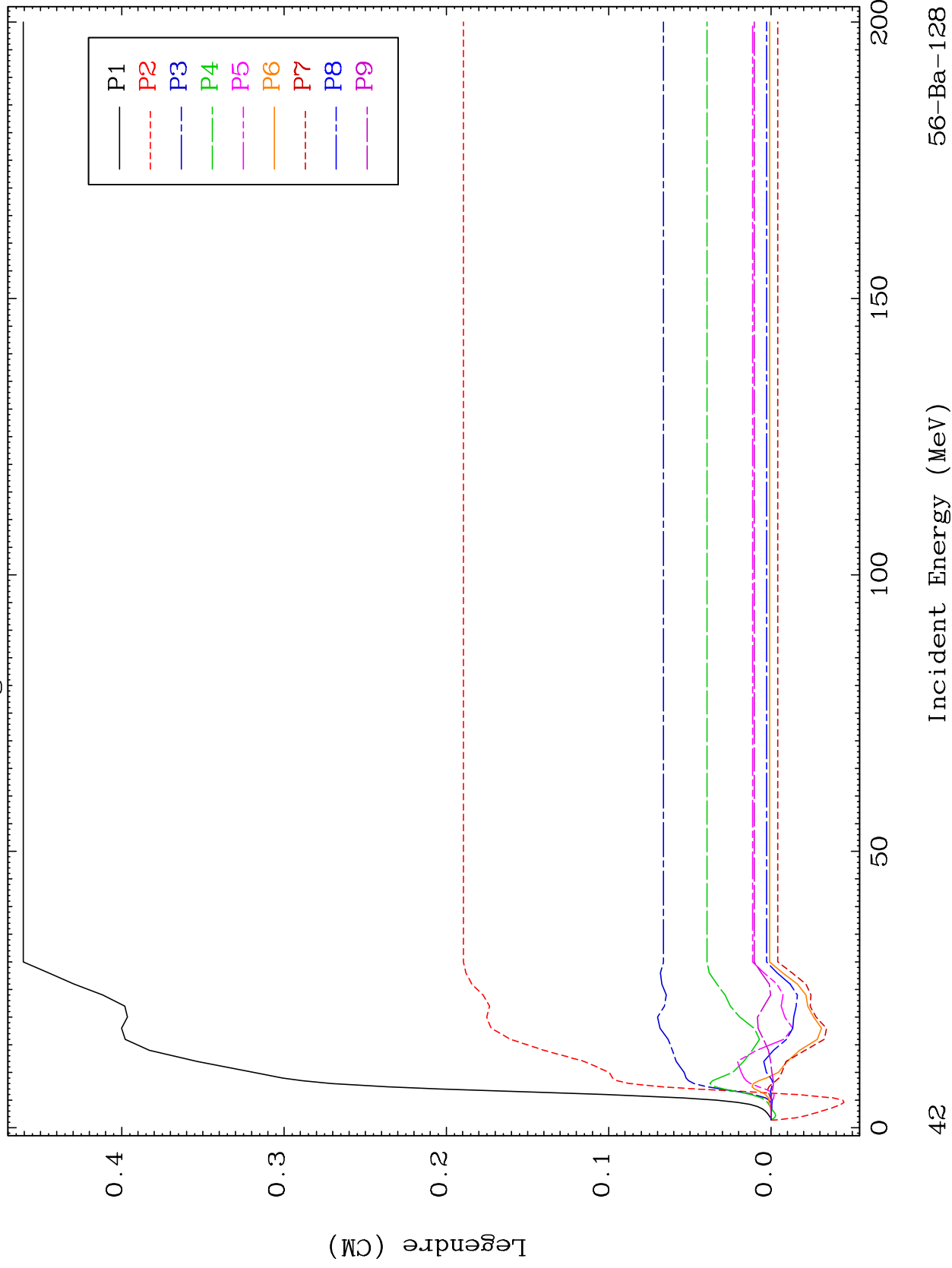
40



MAT 5619

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

56-Ba-128



56-Ba-128

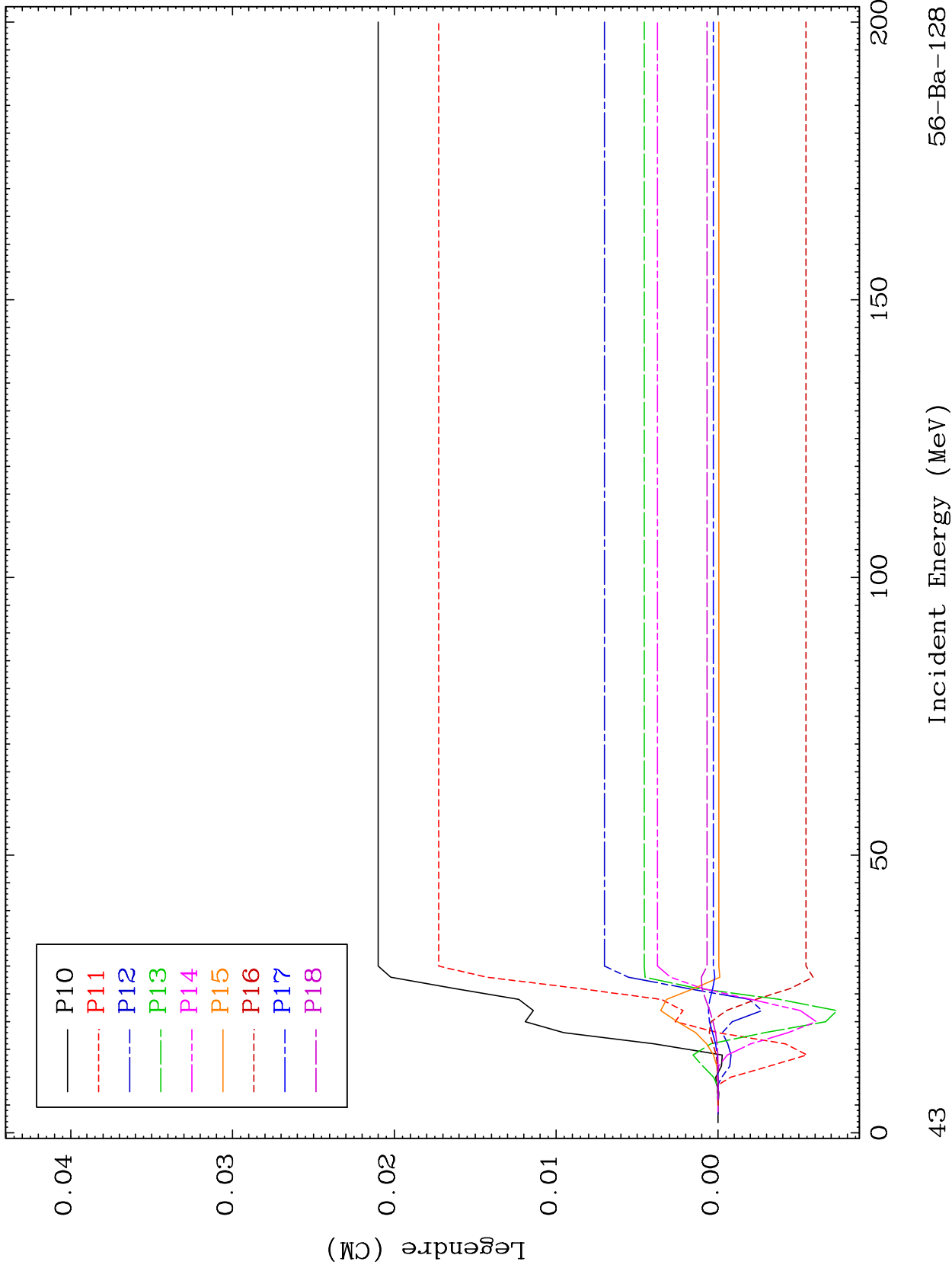
Incident Energy (MeV)

42

MAT 5619

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

56-Ba-128



56-Ba-128

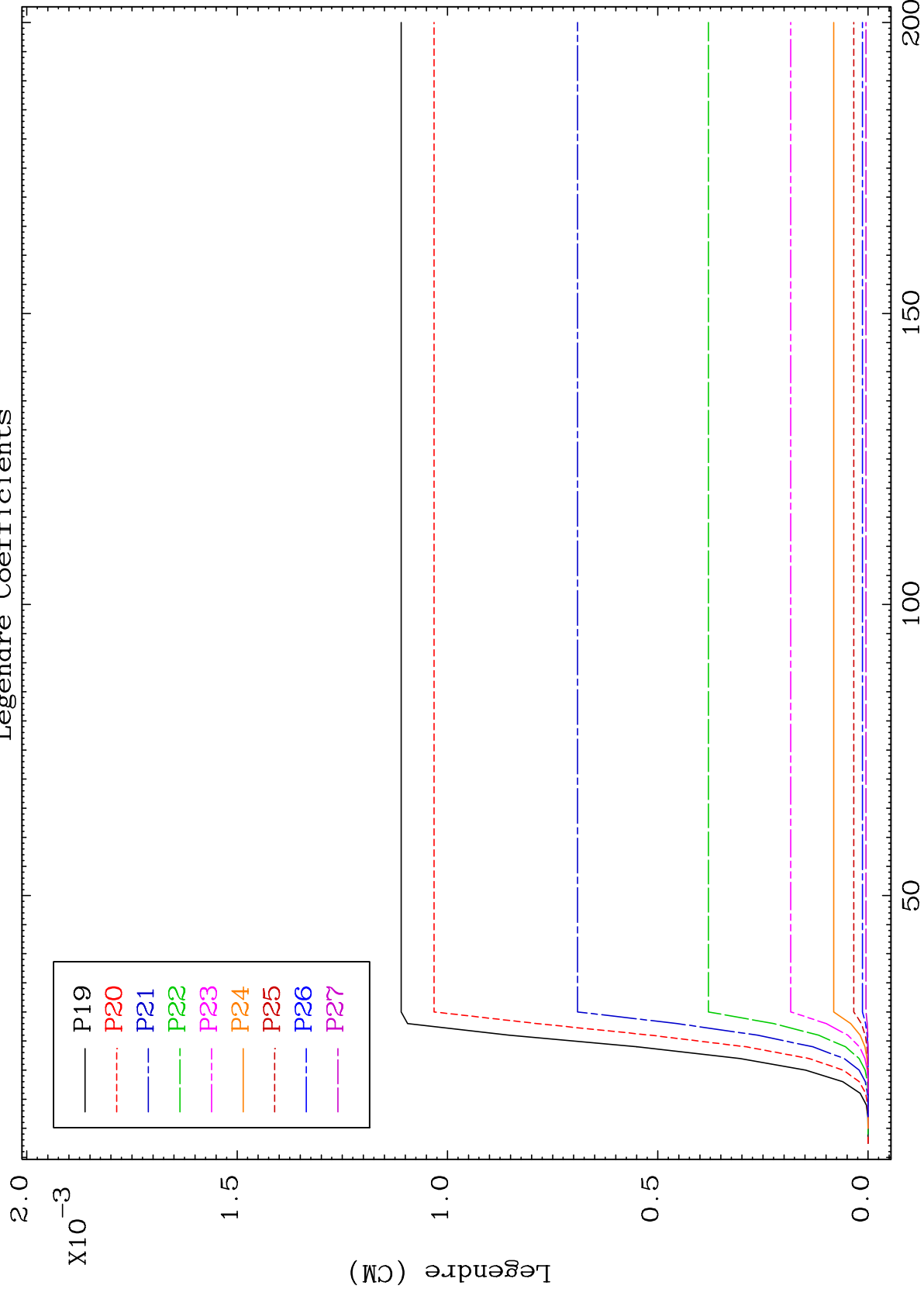
Incident Energy (MeV)

43

MAT 5619

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

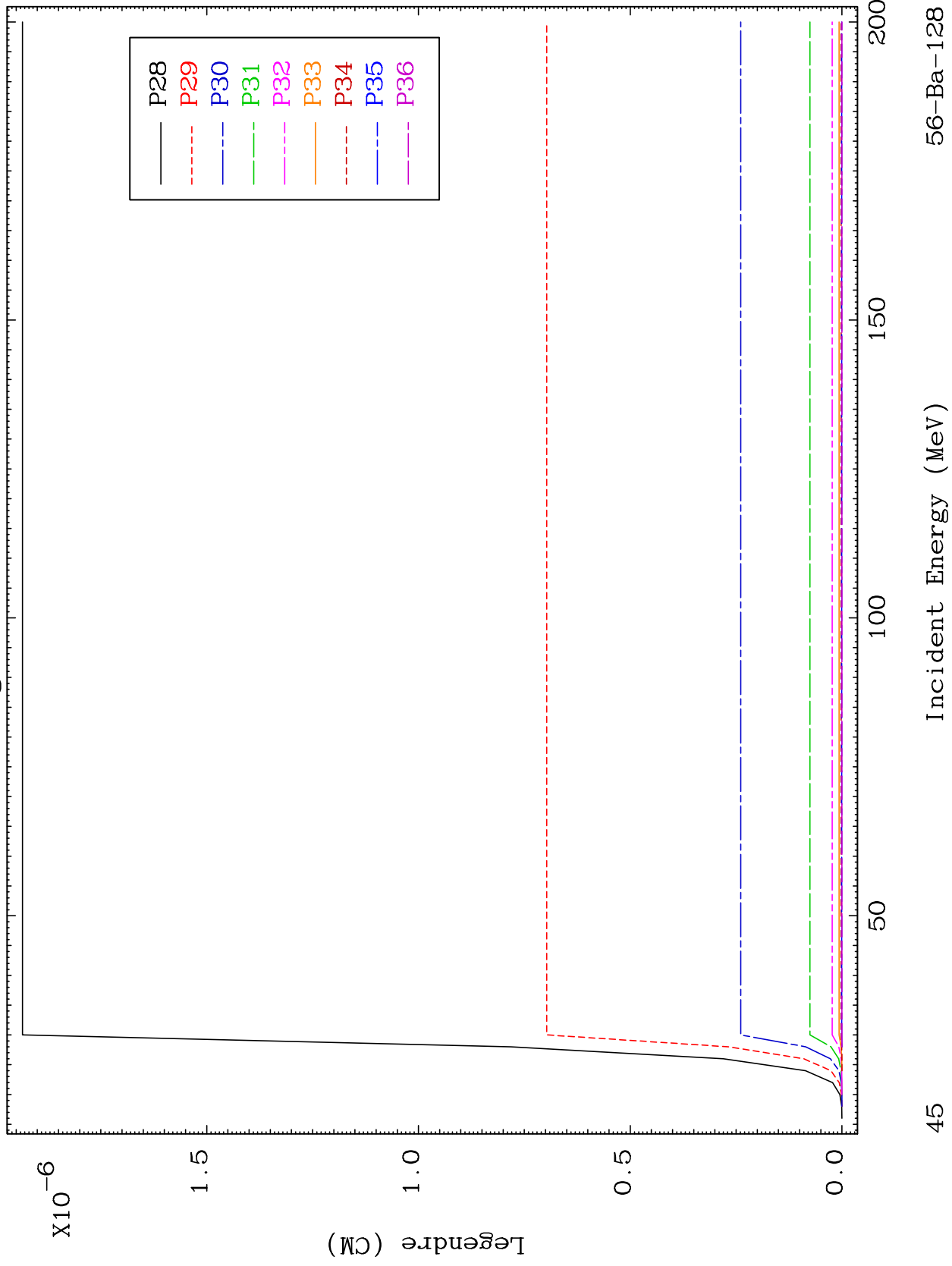
56-Ba-128



MAT 5619

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

56-Ba-128



56-Ba-128

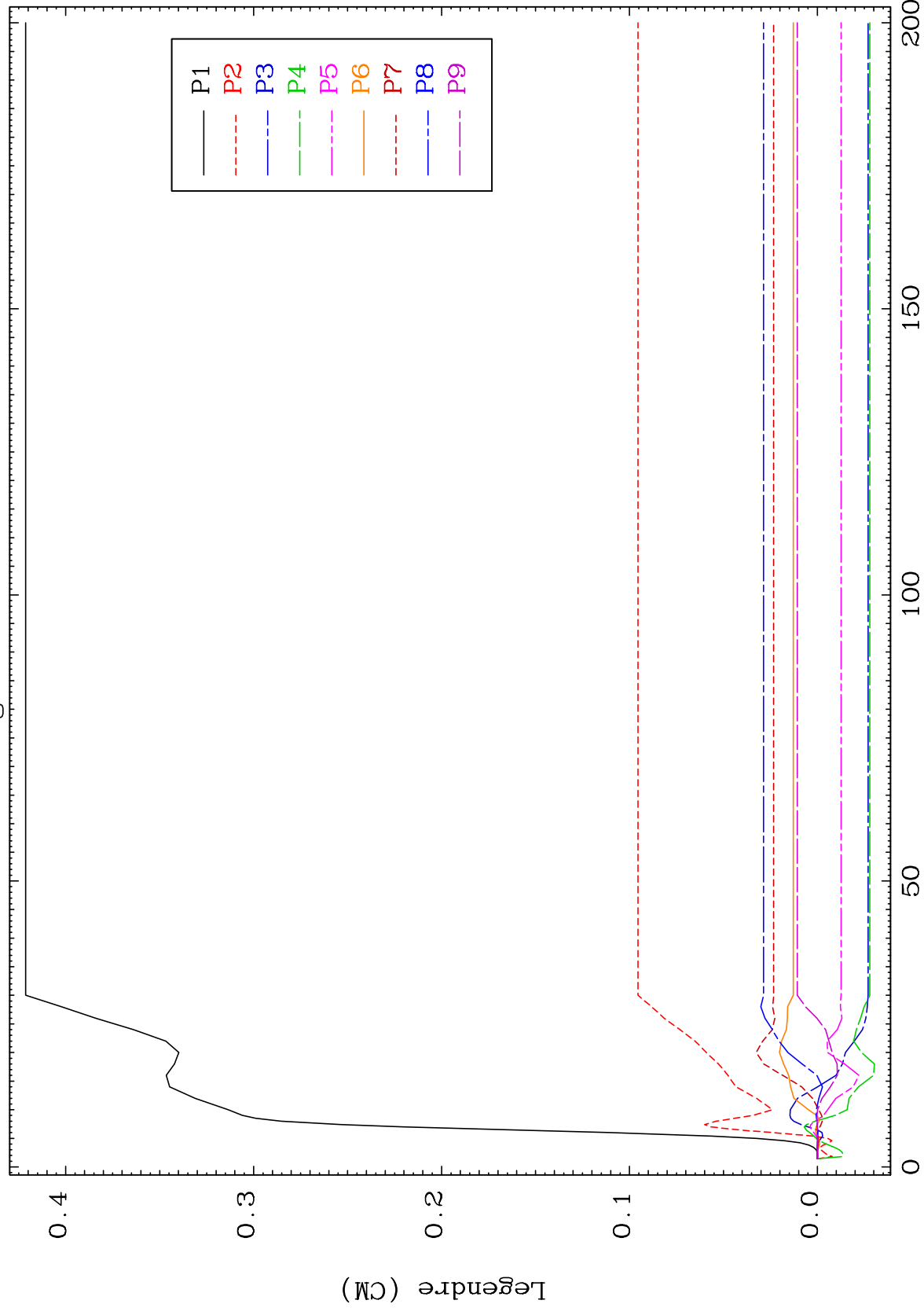
Incident Energy (MeV)

45

MAT 5619

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

56-Ba-128



56-Ba-128

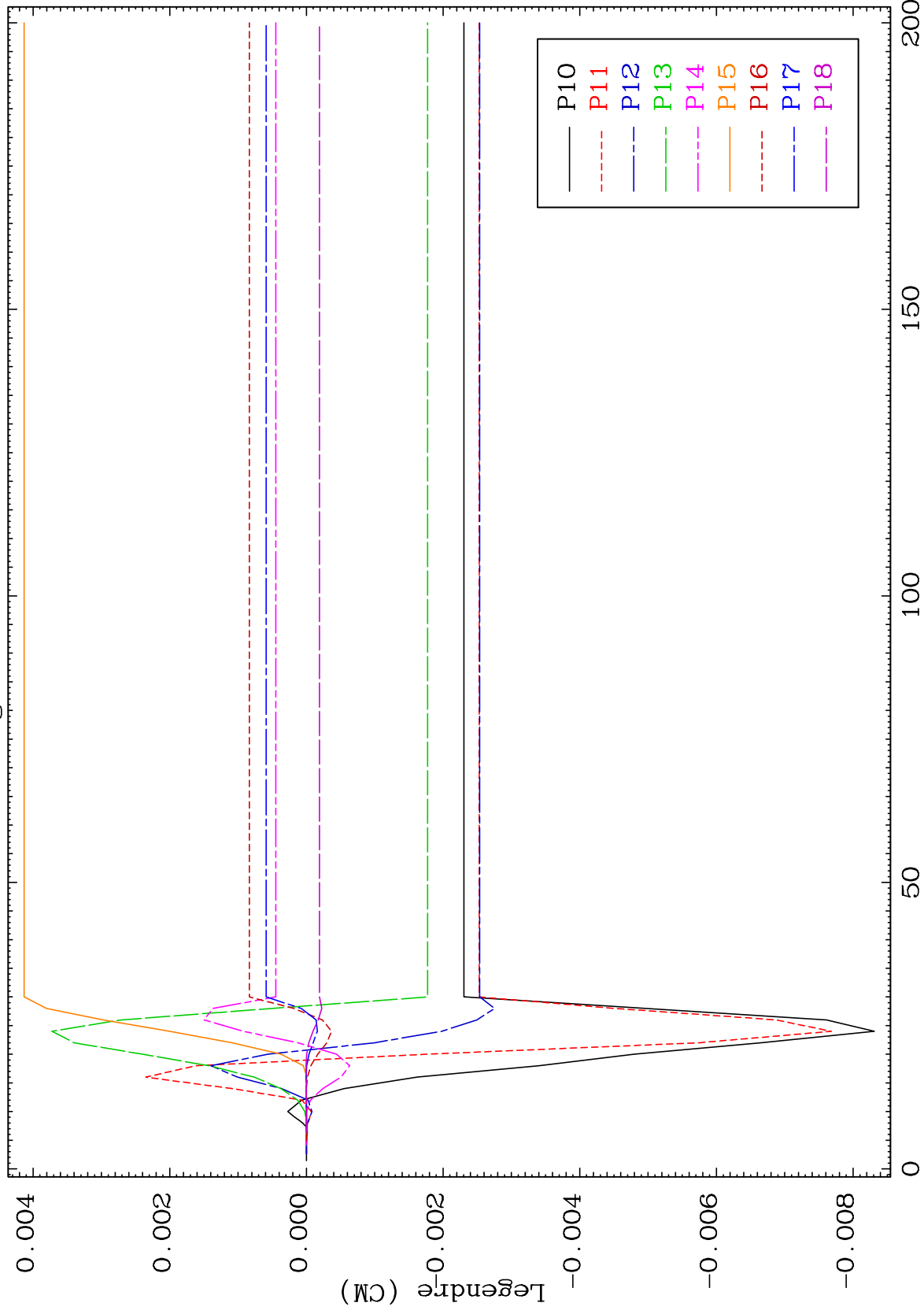
Incident Energy (MeV)

46

MAT 5619

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

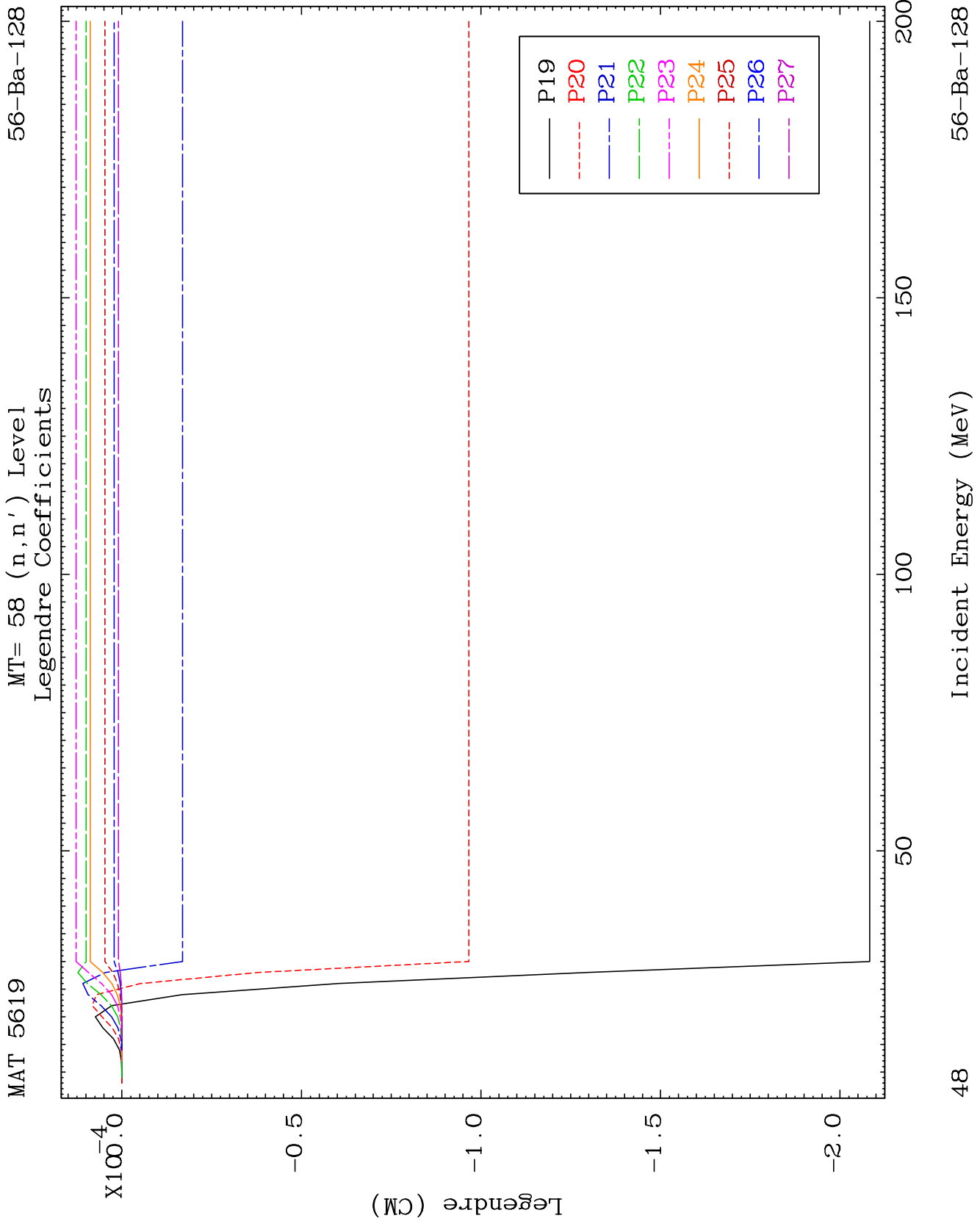
56-Ba-128



47

Incident Energy (MeV)

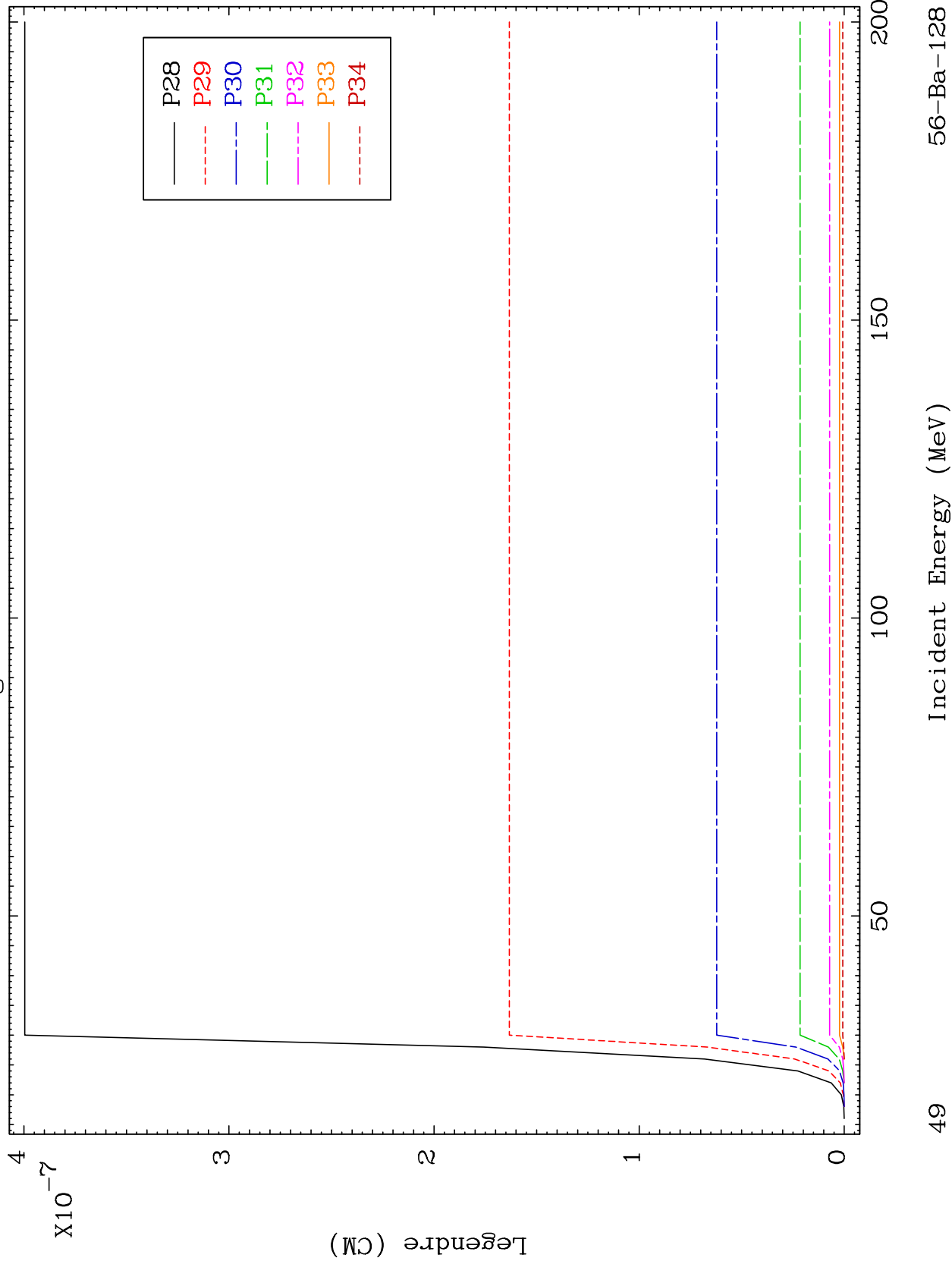
56-Ba-128



MAT 5619

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

56-Ba-128



49

56-Ba-128

Incident Energy (MeV)

200

150

100

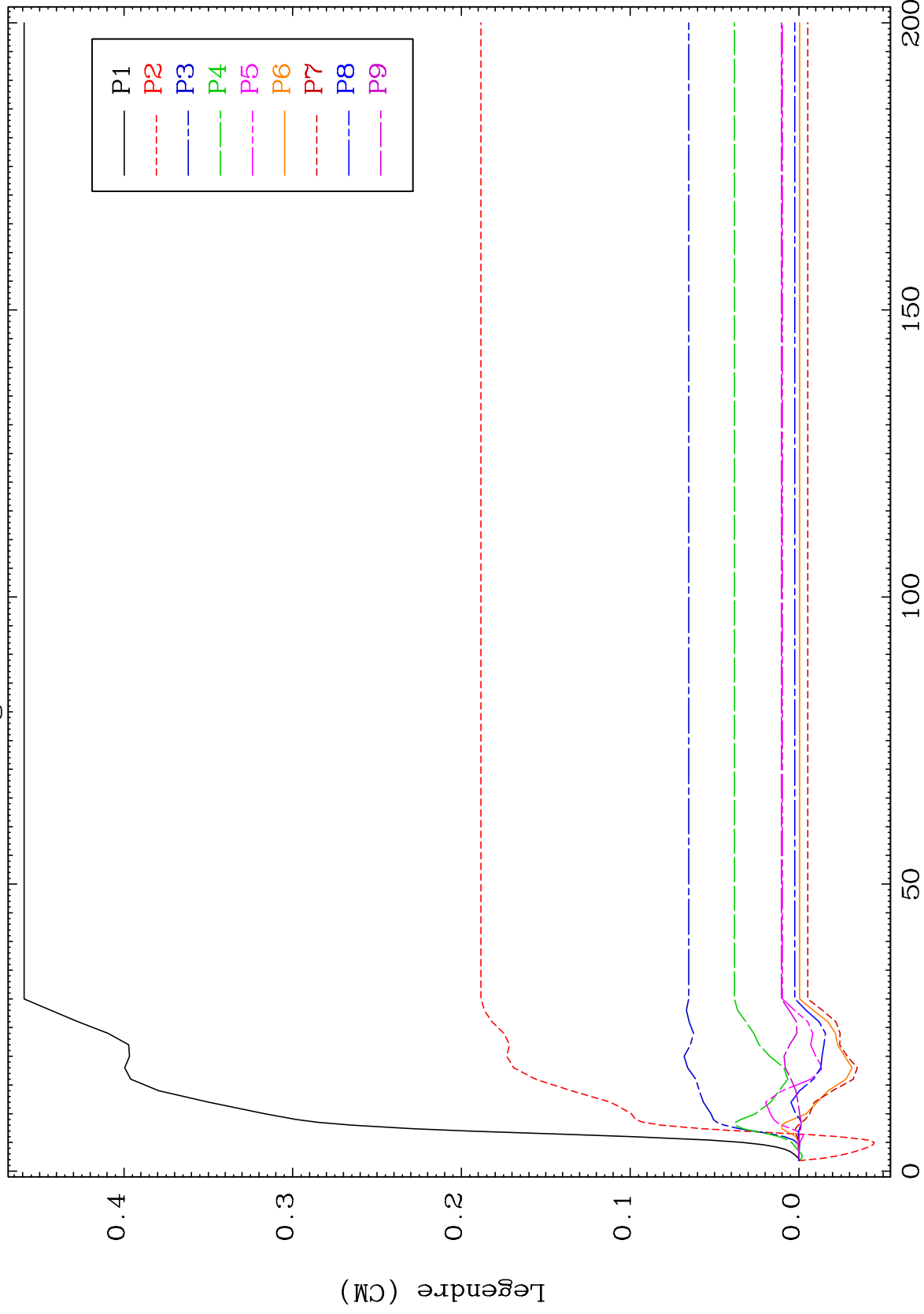
50

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MAT 5619

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

56-Ba-128



53

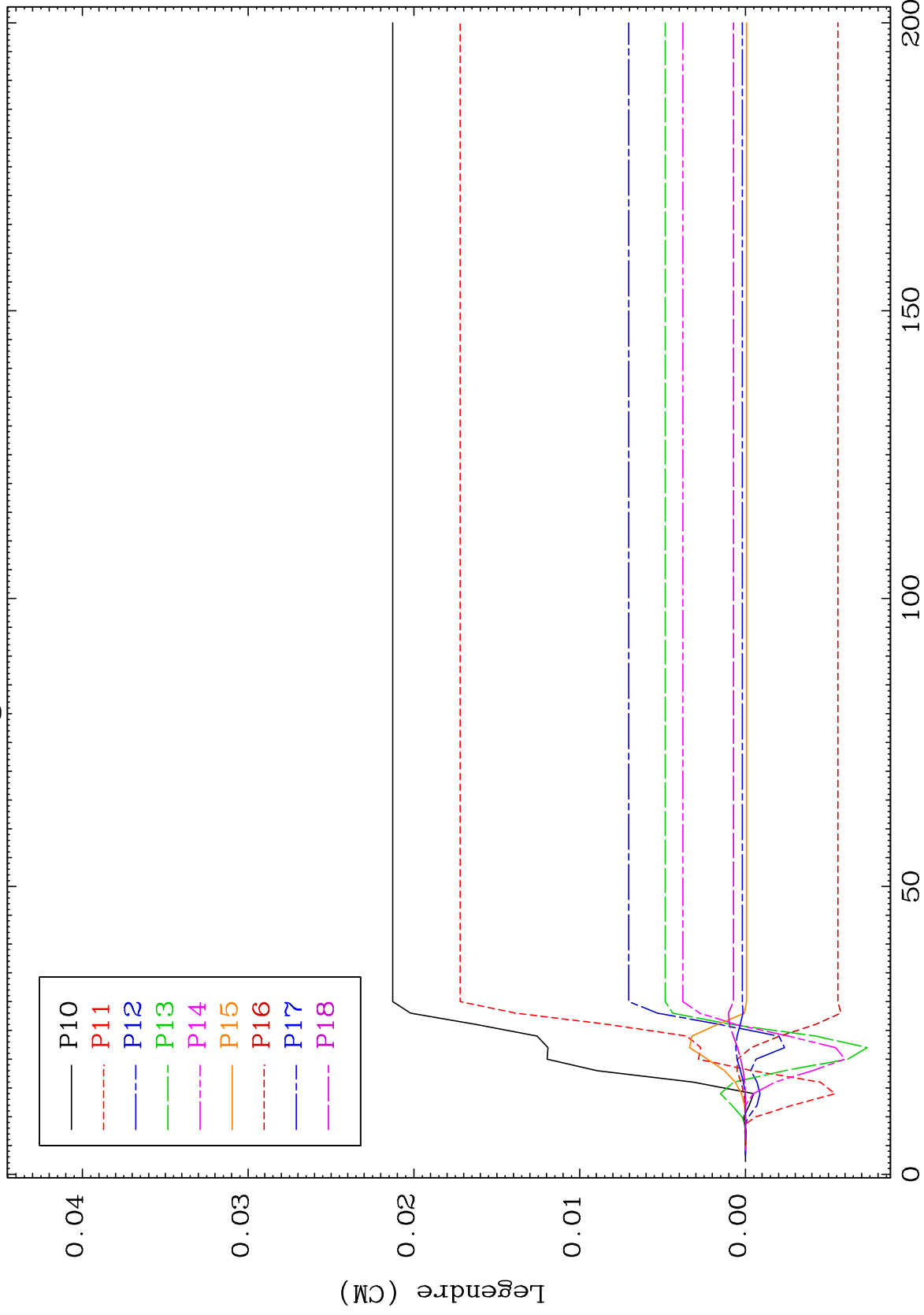
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

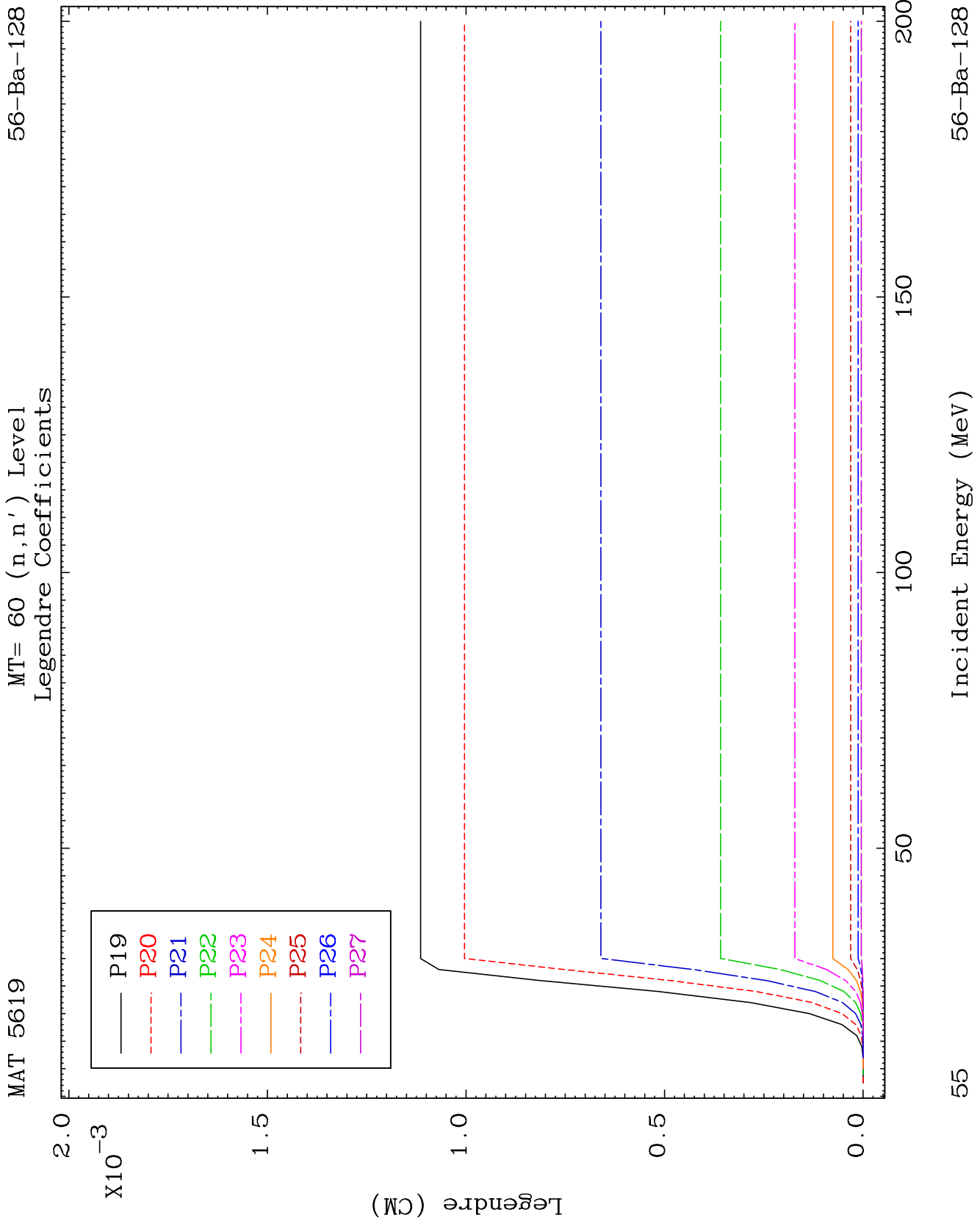
56-Ba-128



54

Incident Energy (MeV)

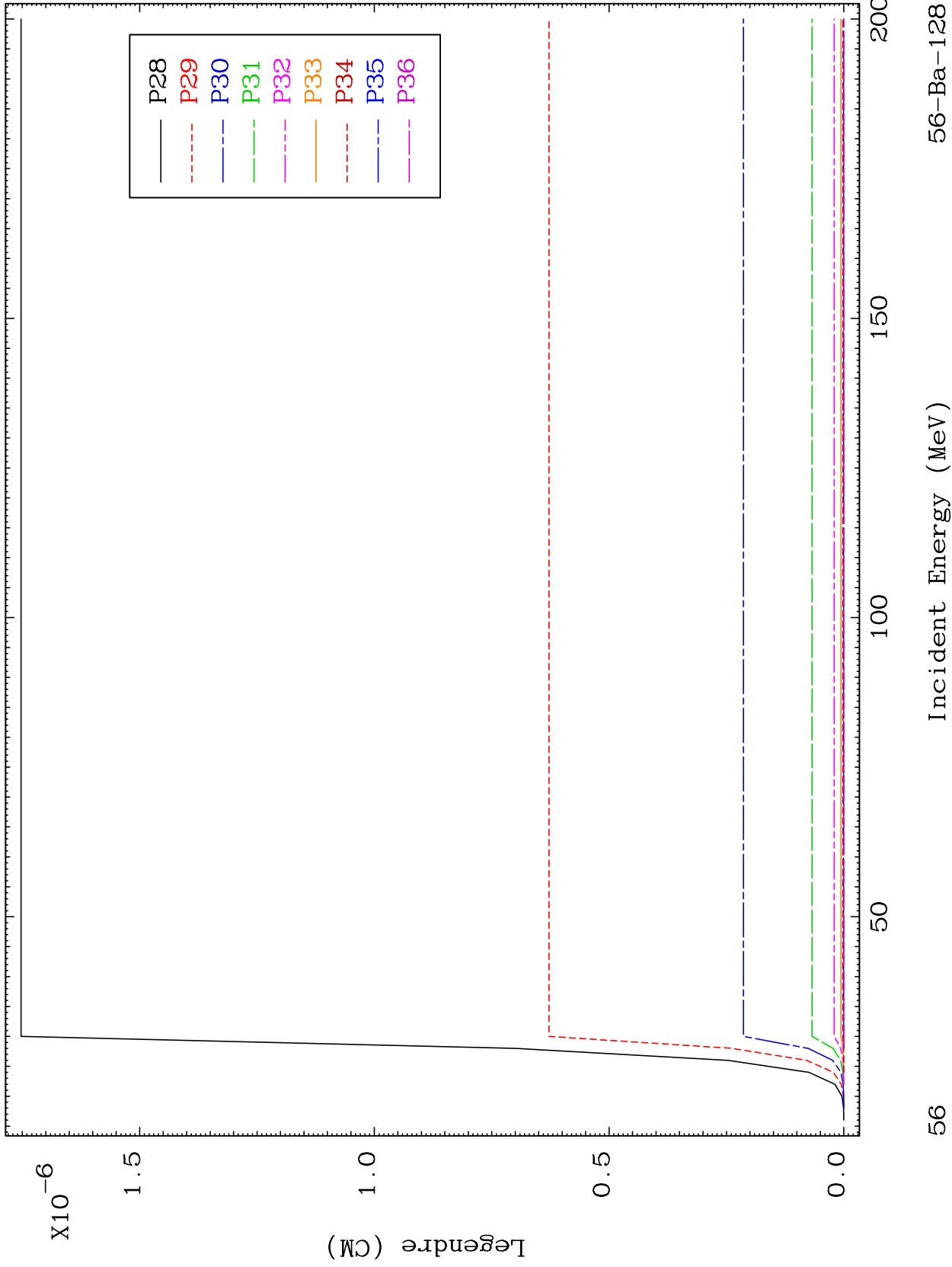
56-Ba-128



MAT 5619

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

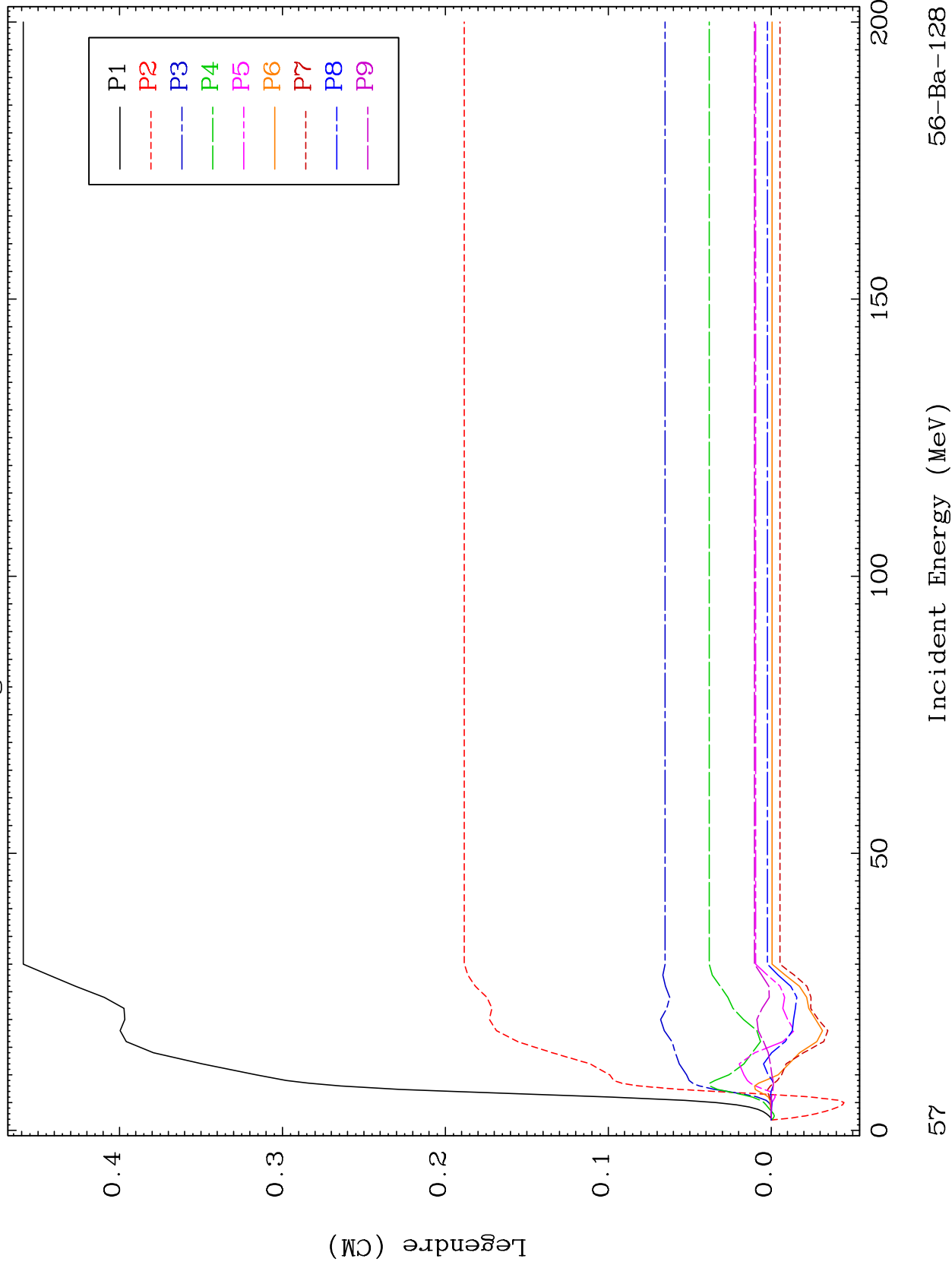
56-Ba-128



MAT 5619

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

56-Ba-128



56-Ba-128

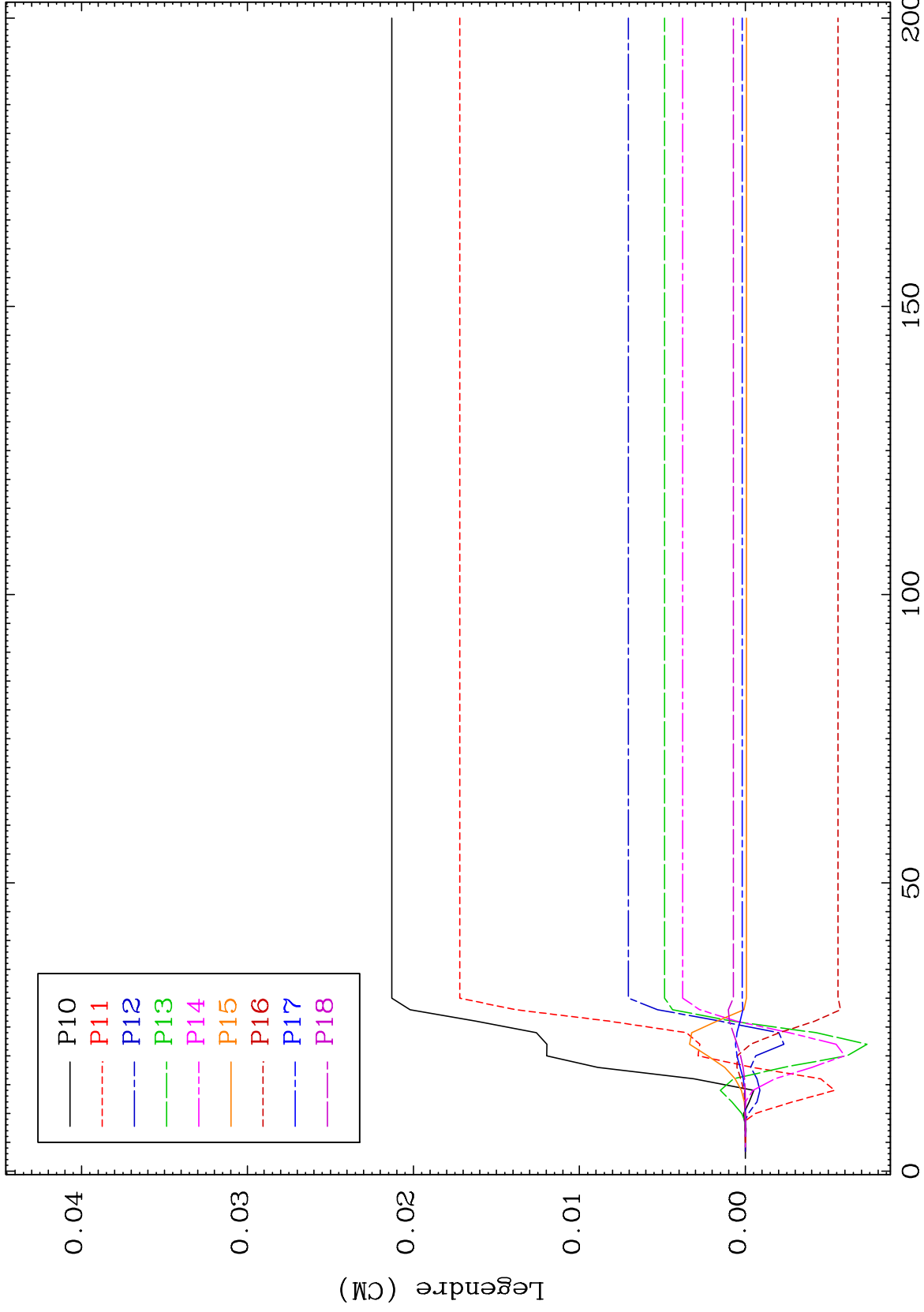
Incident Energy (MeV)

57

MAT 5619

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

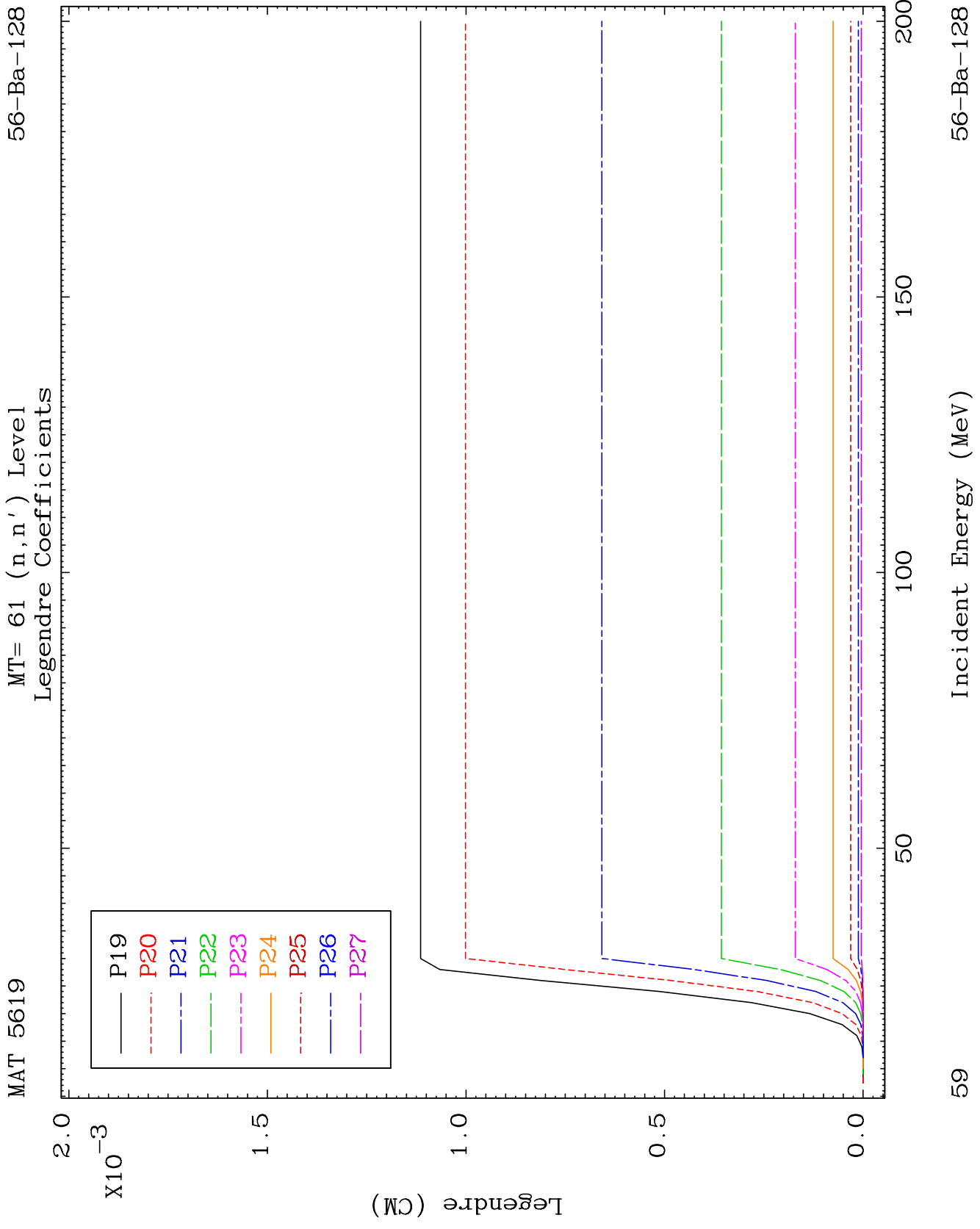
56-Ba-128



58

Incident Energy (MeV)

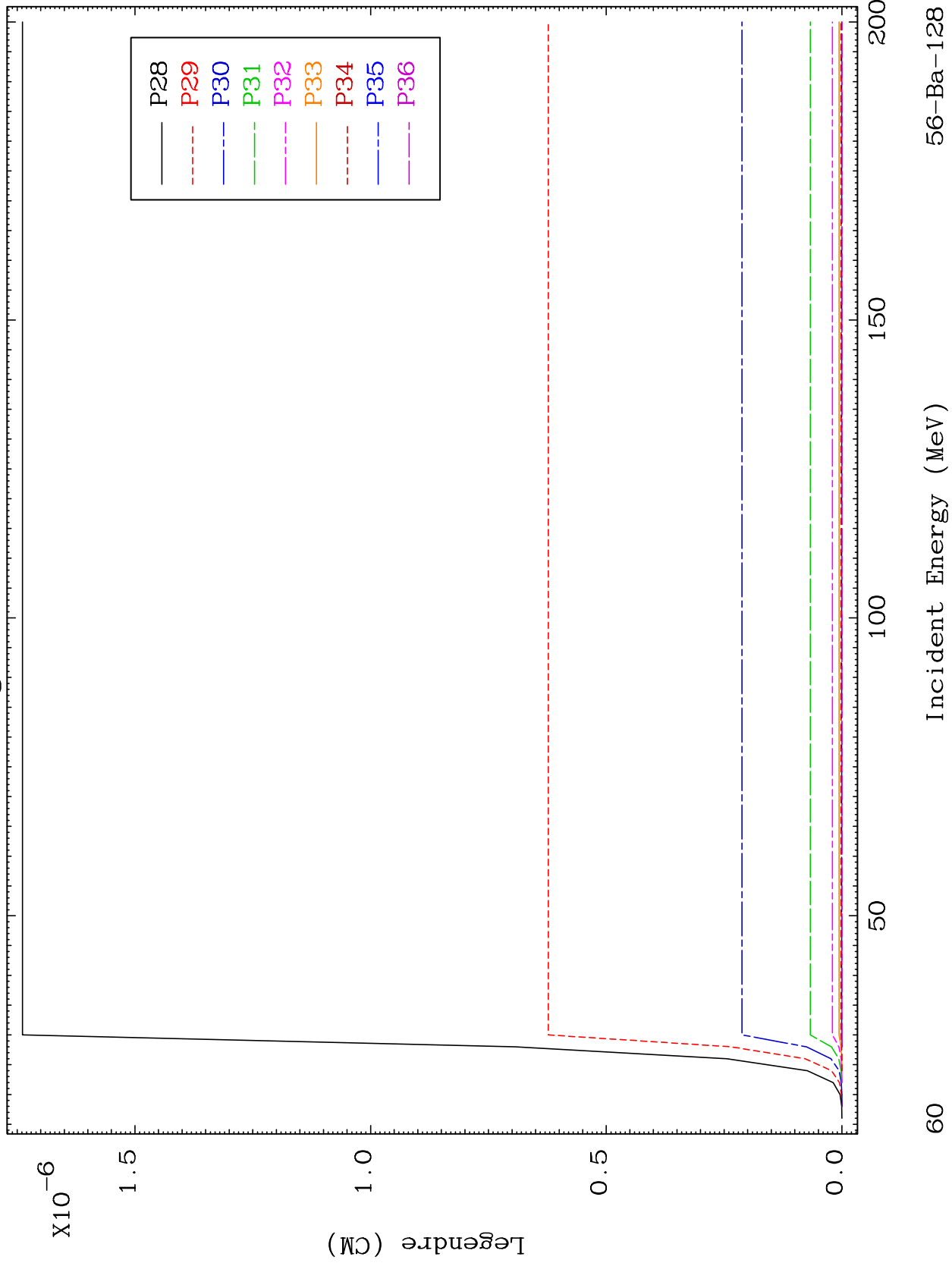
56-Ba-128



MAT 5619

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

56-Ba-128



56-Ba-128

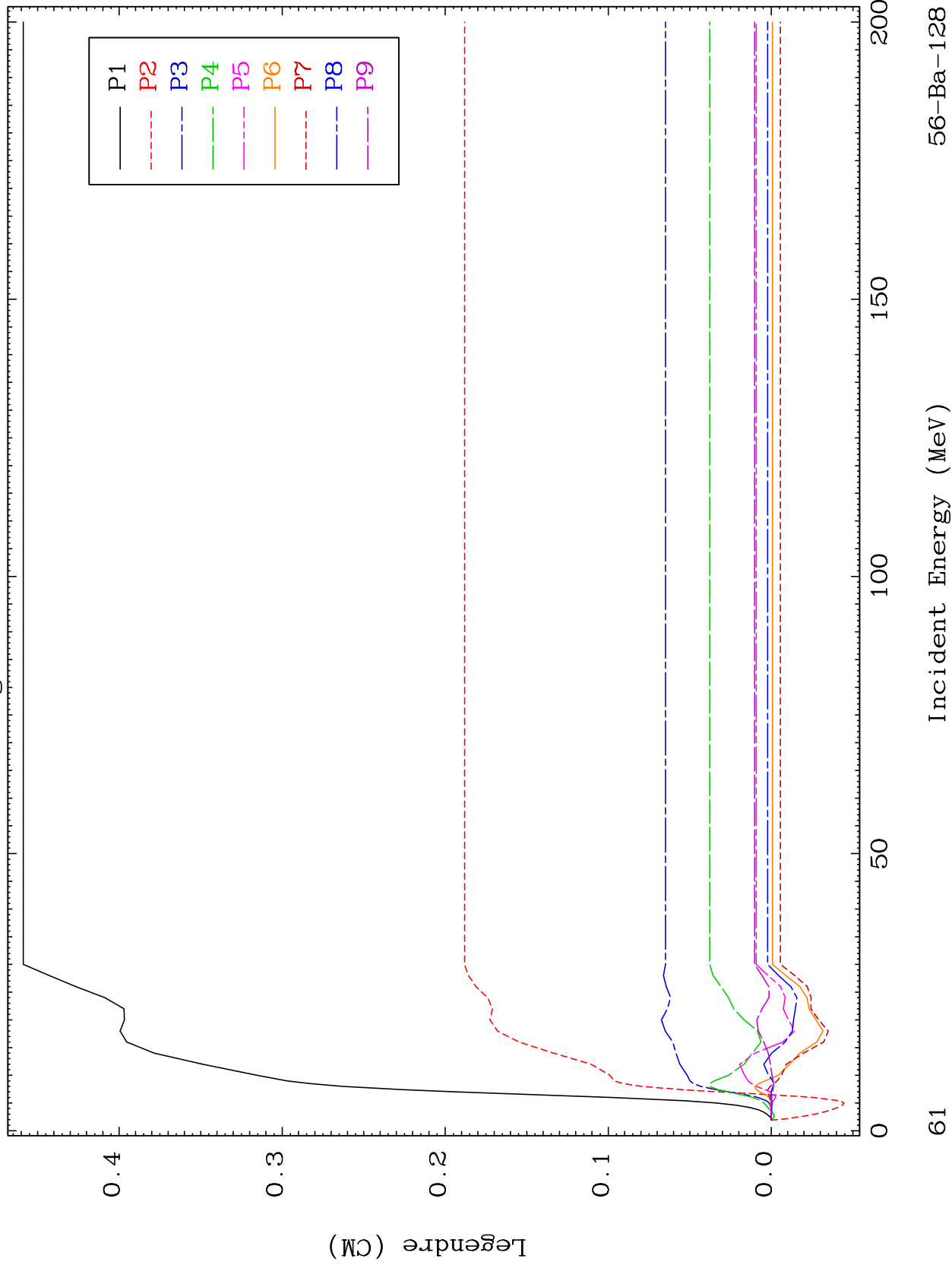
Incident Energy (MeV)

60

MAT 5619

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

56-Ba-128



56-Ba-128

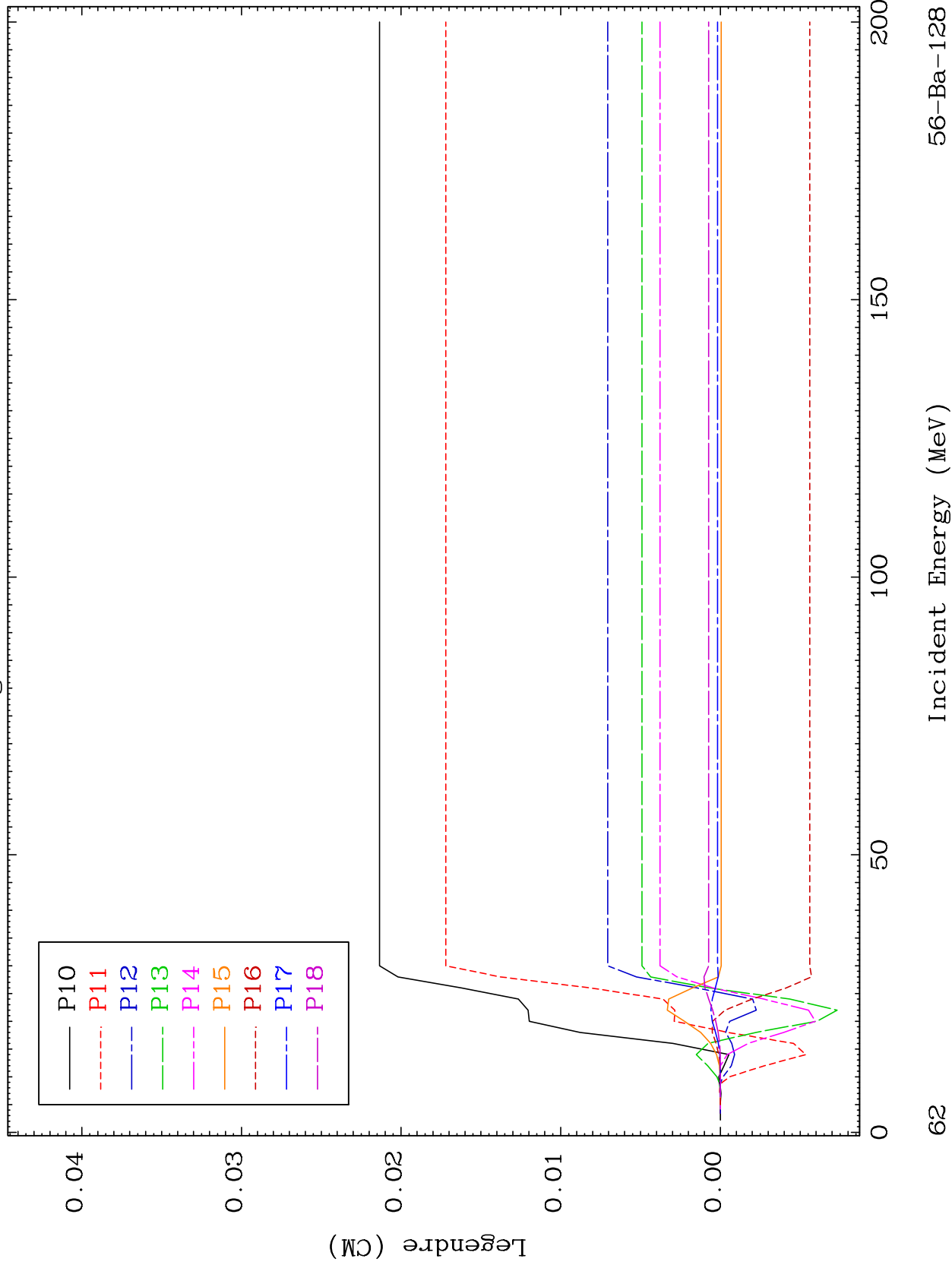
Incident Energy (MeV)

61

MAT 5619

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

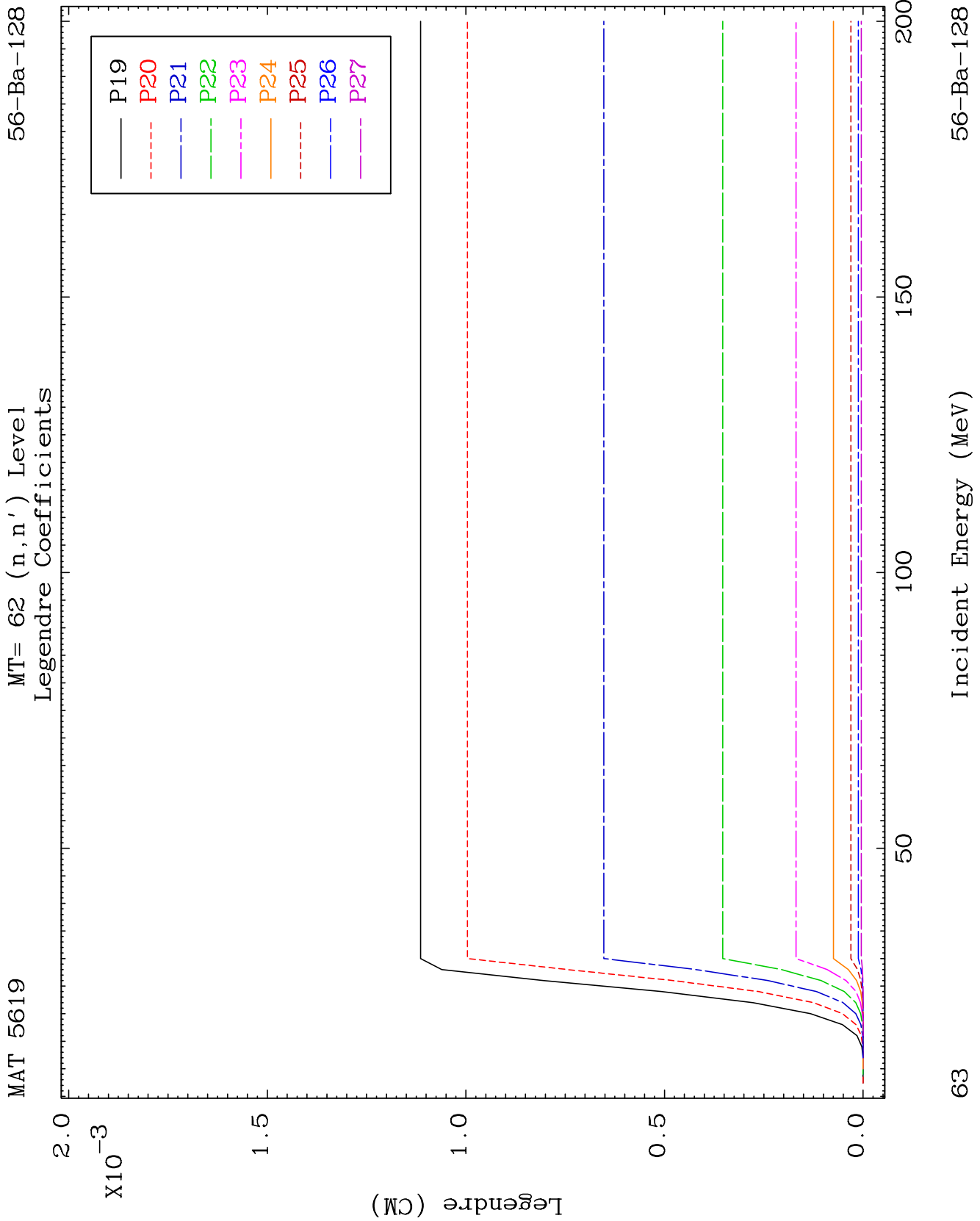
56-Ba-128



56-Ba-128

Incident Energy (MeV)

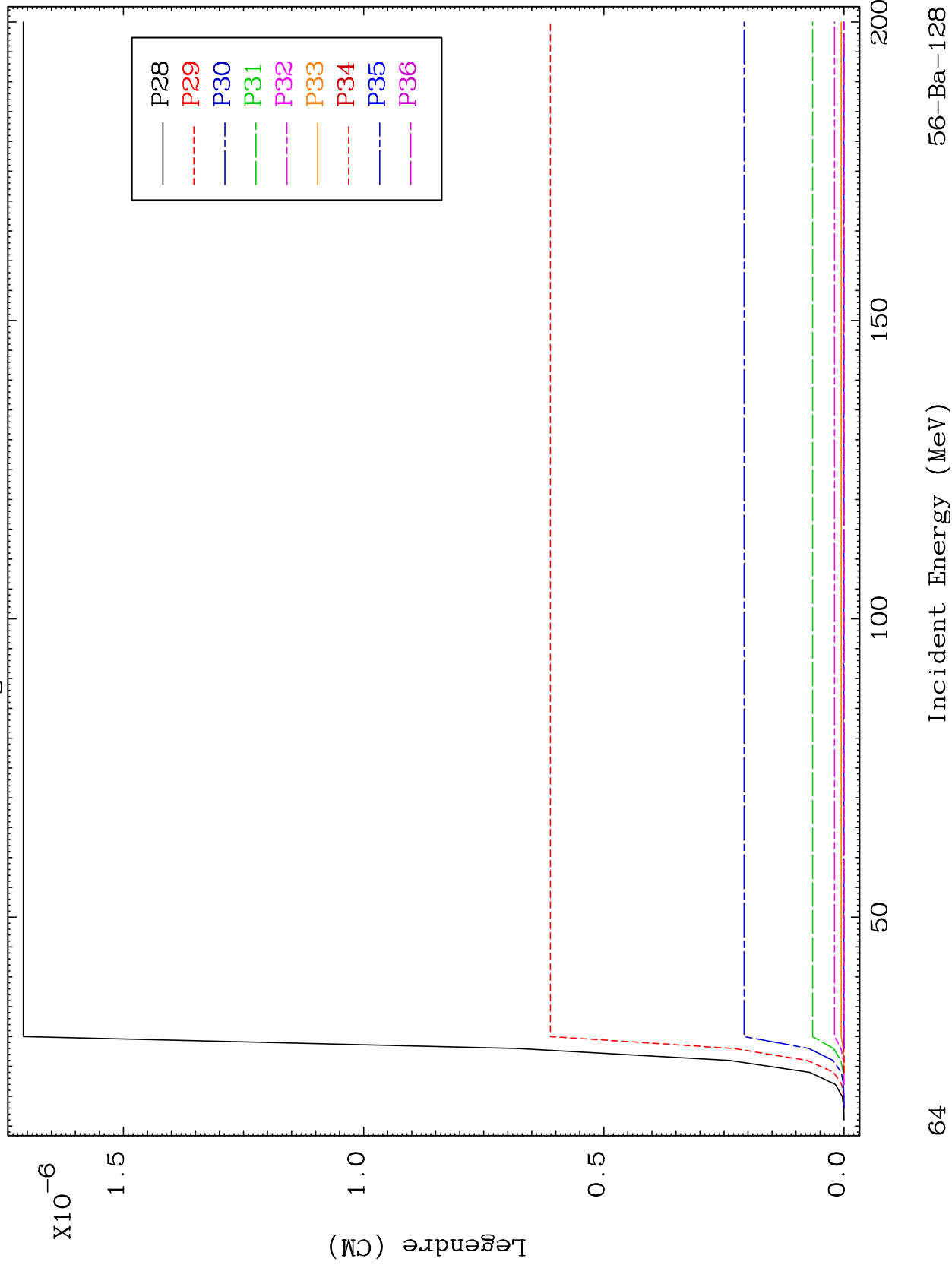
62

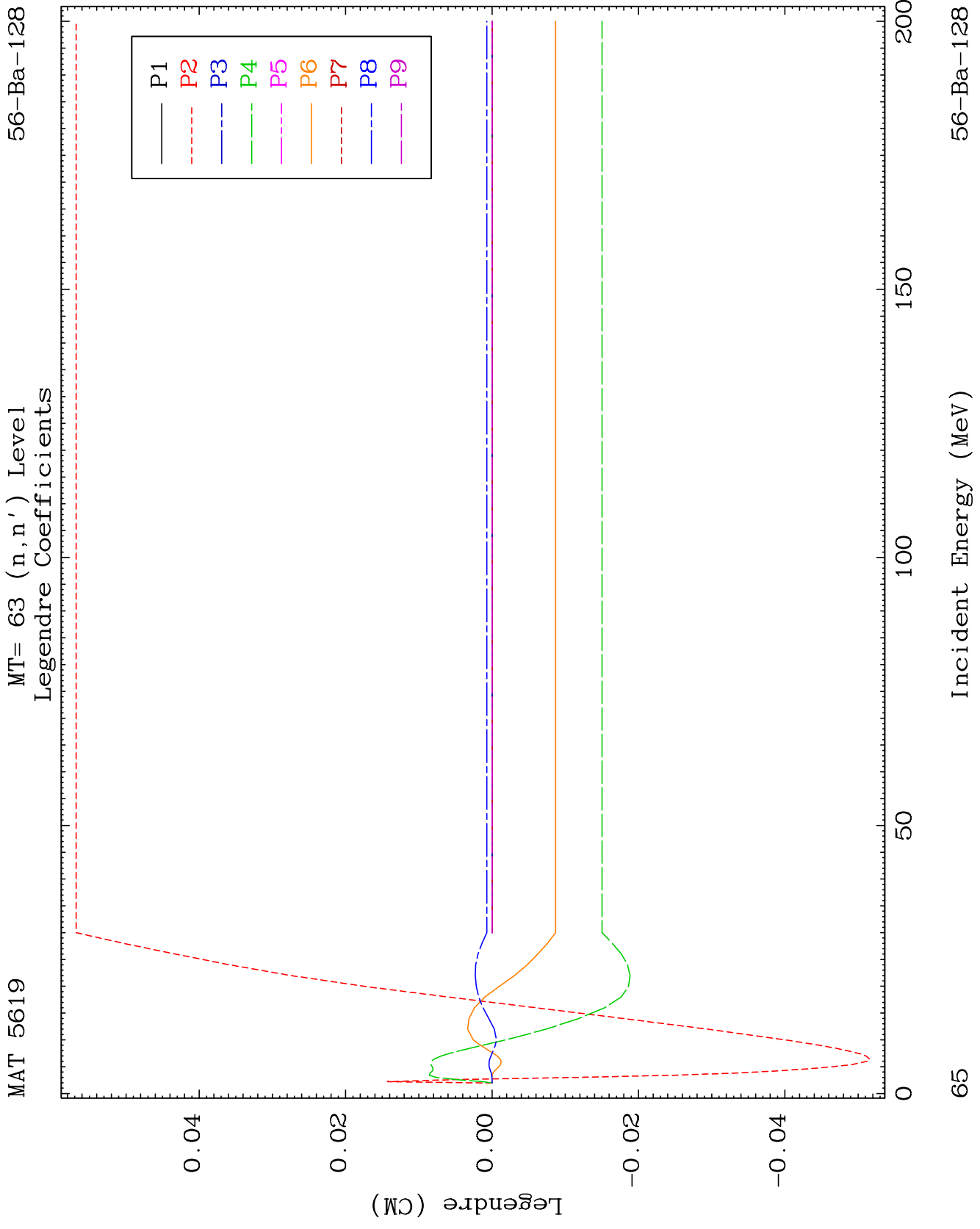


MAT 5619

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

56-Ba-128

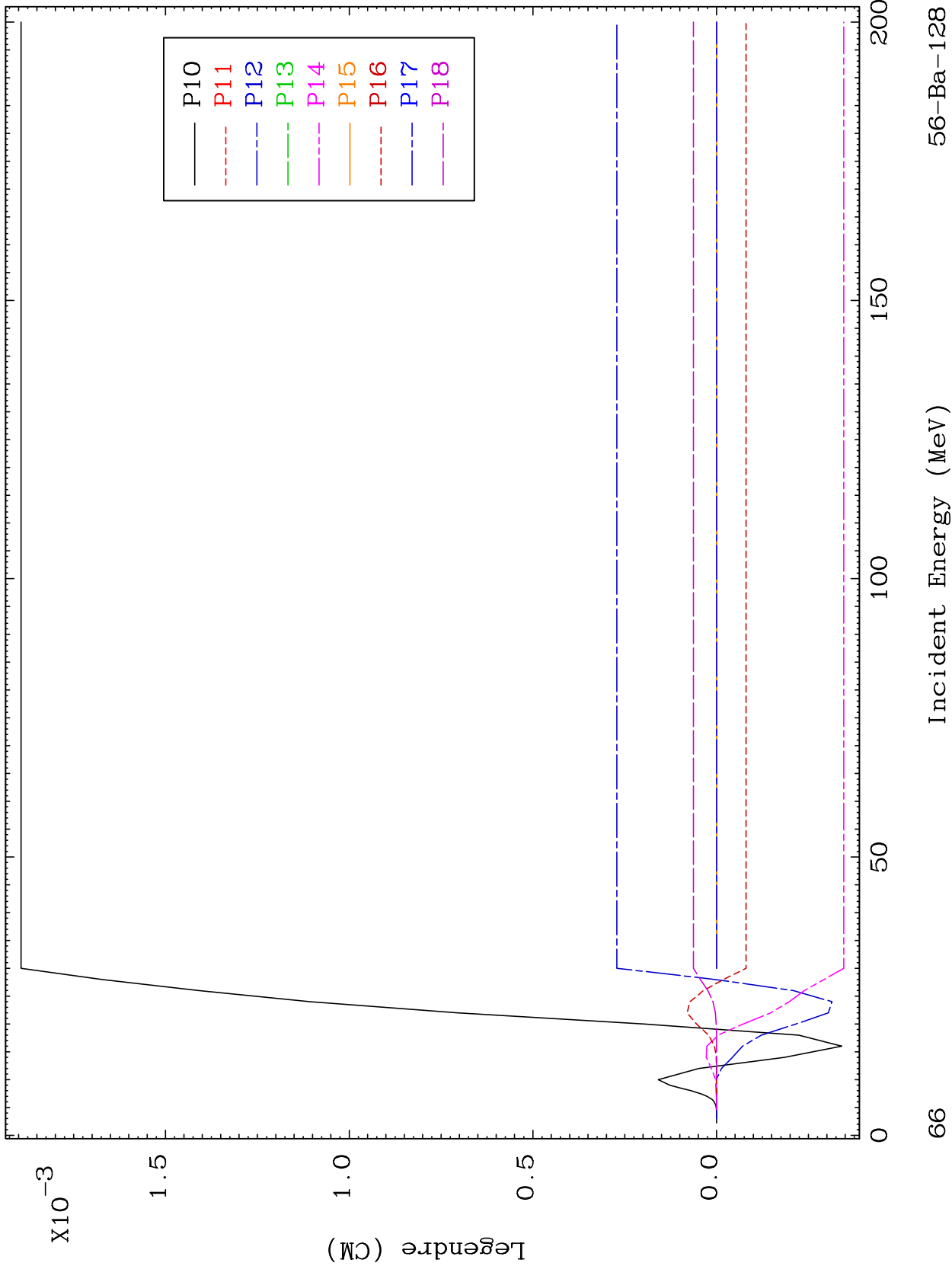




MAT 5619

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

56-Ba-128



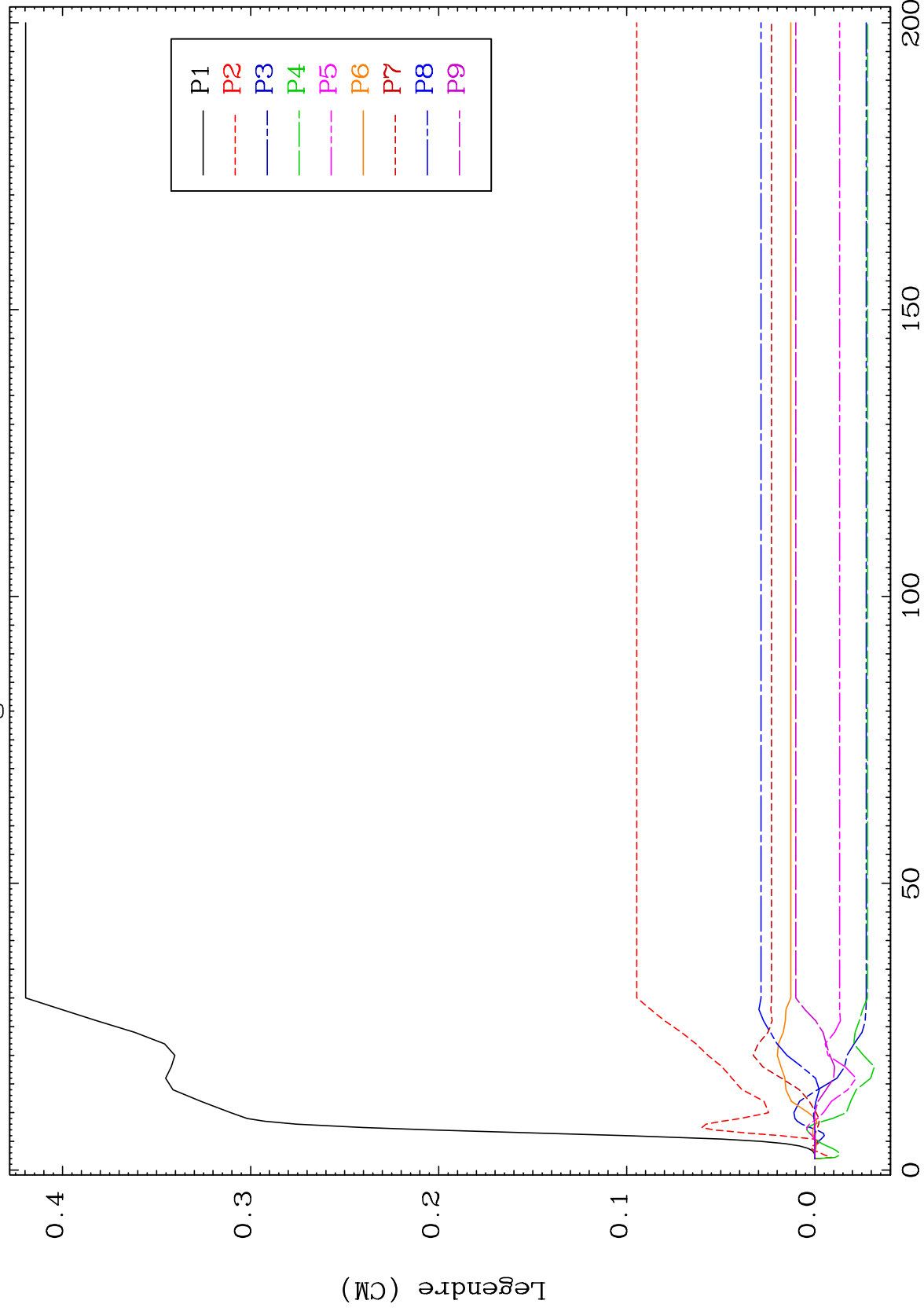
66

56-Ba-128

MAT 5619

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

56-Ba-128



68

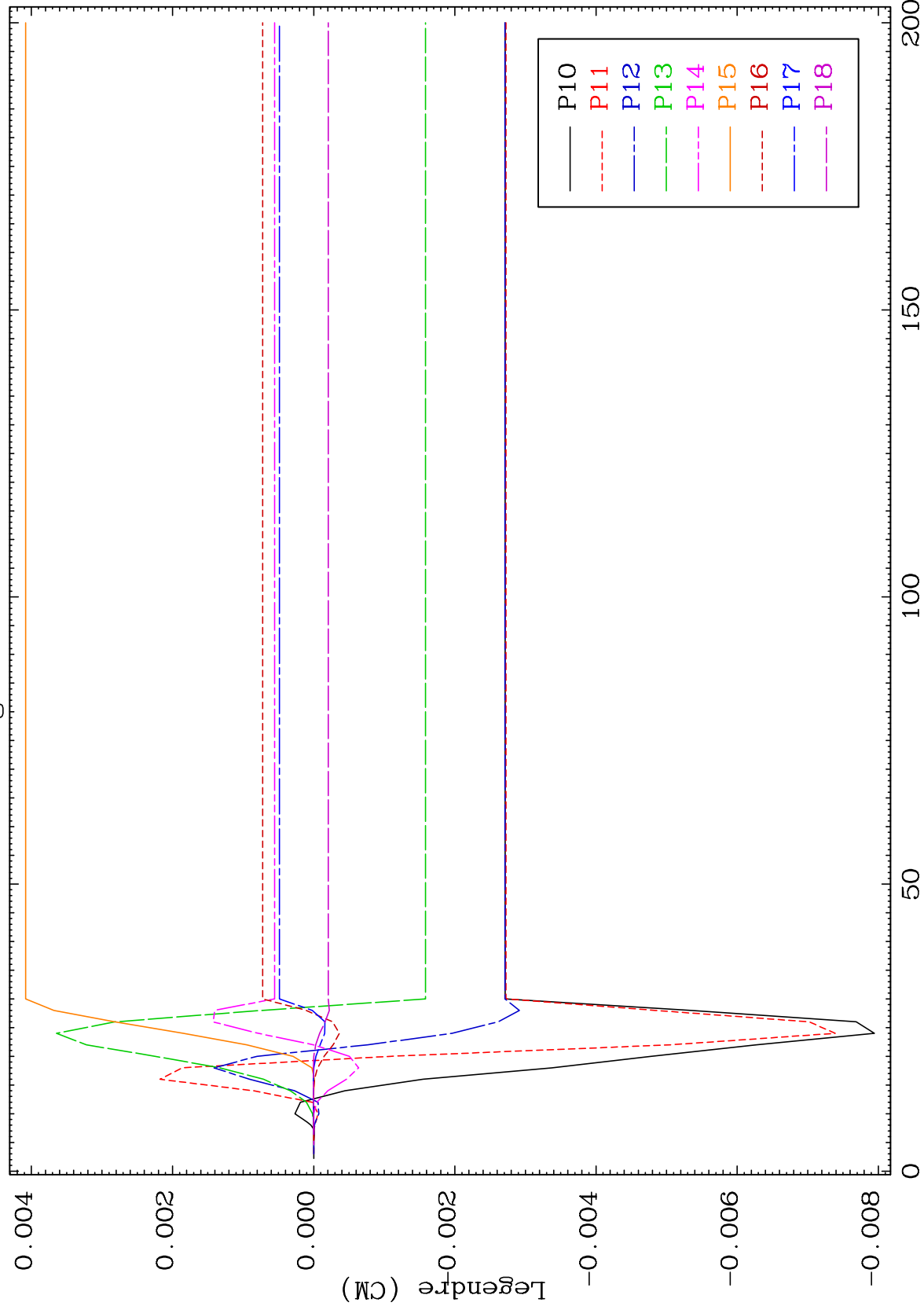
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

56-Ba-128



69

Incident Energy (MeV)

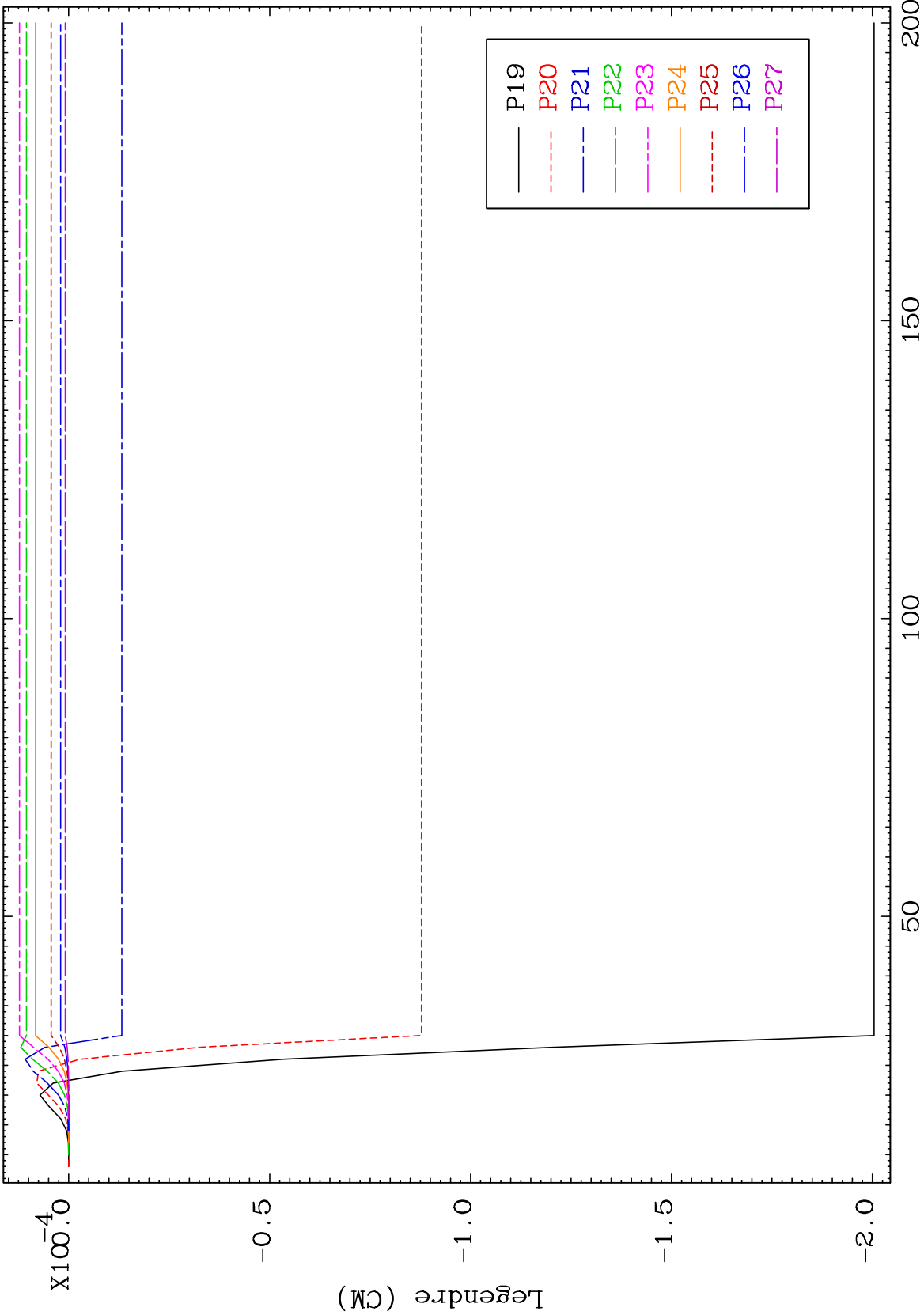
56-Ba-128

MAT 5619

MT= 64 (n,n') Level

56-Ba-128

Legendre Coefficients



56-Ba-128

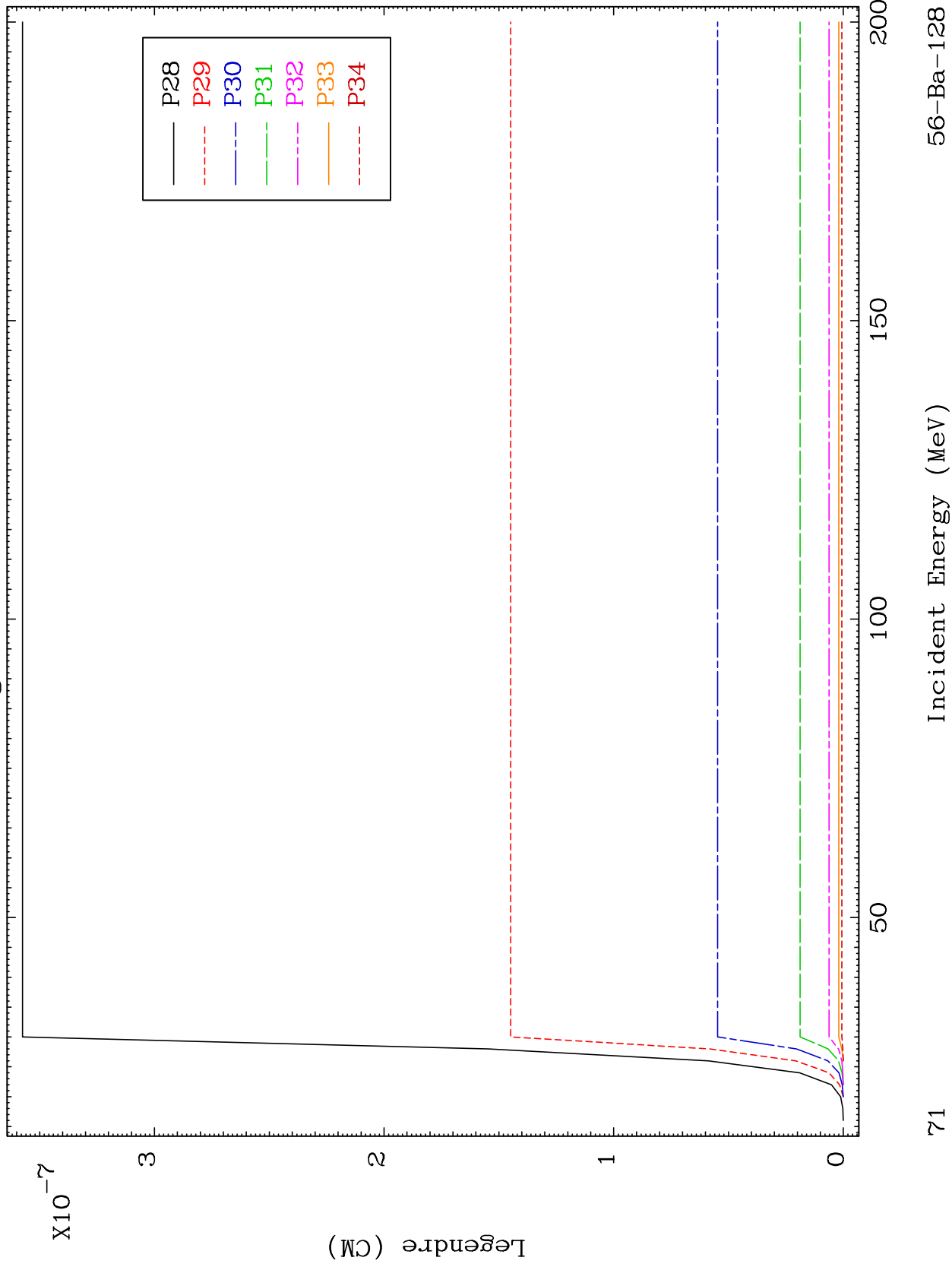
Incident Energy (MeV)

70

MAT 5619

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

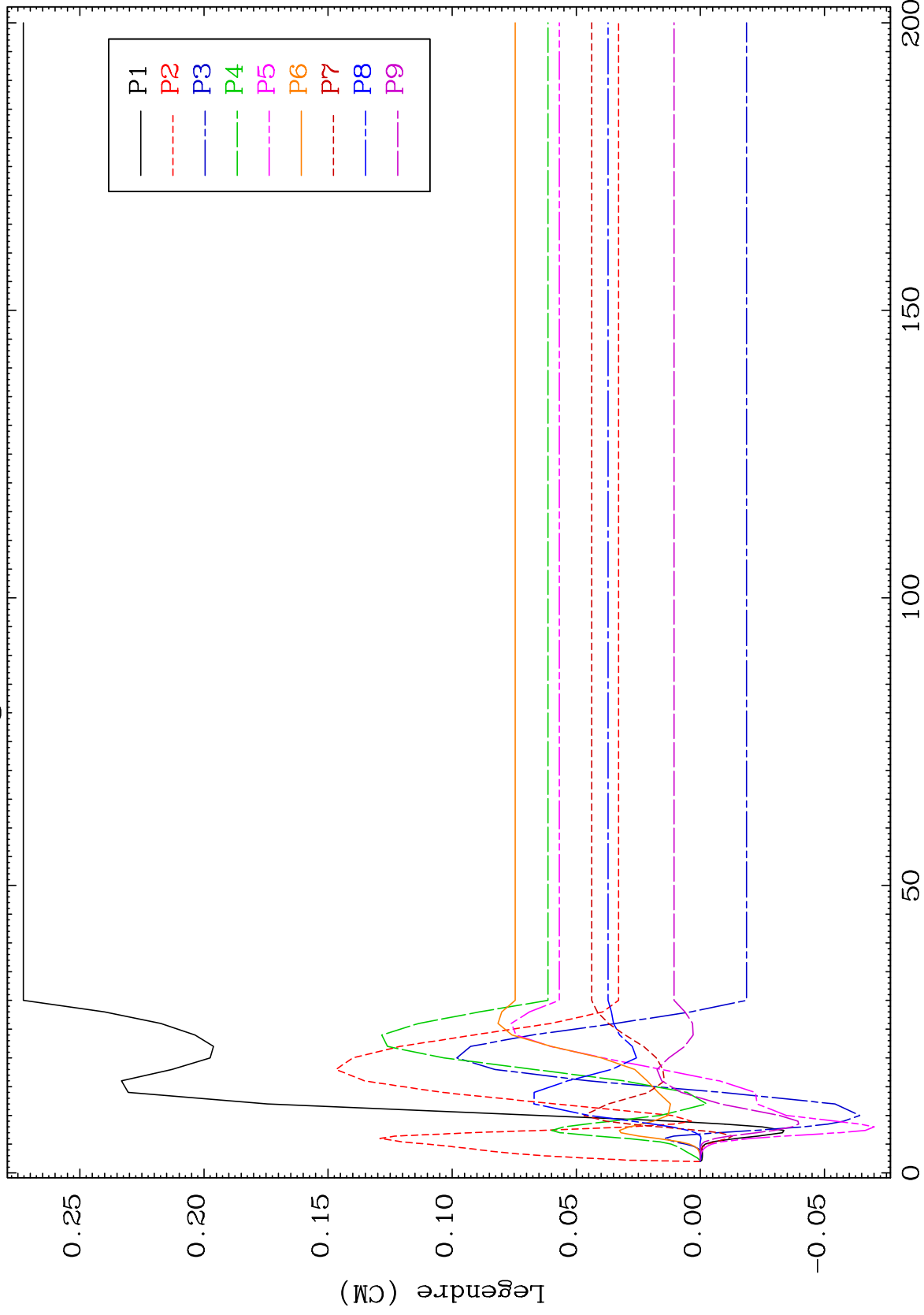
56-Ba-128



MAT 5619

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

56-Ba-128



72

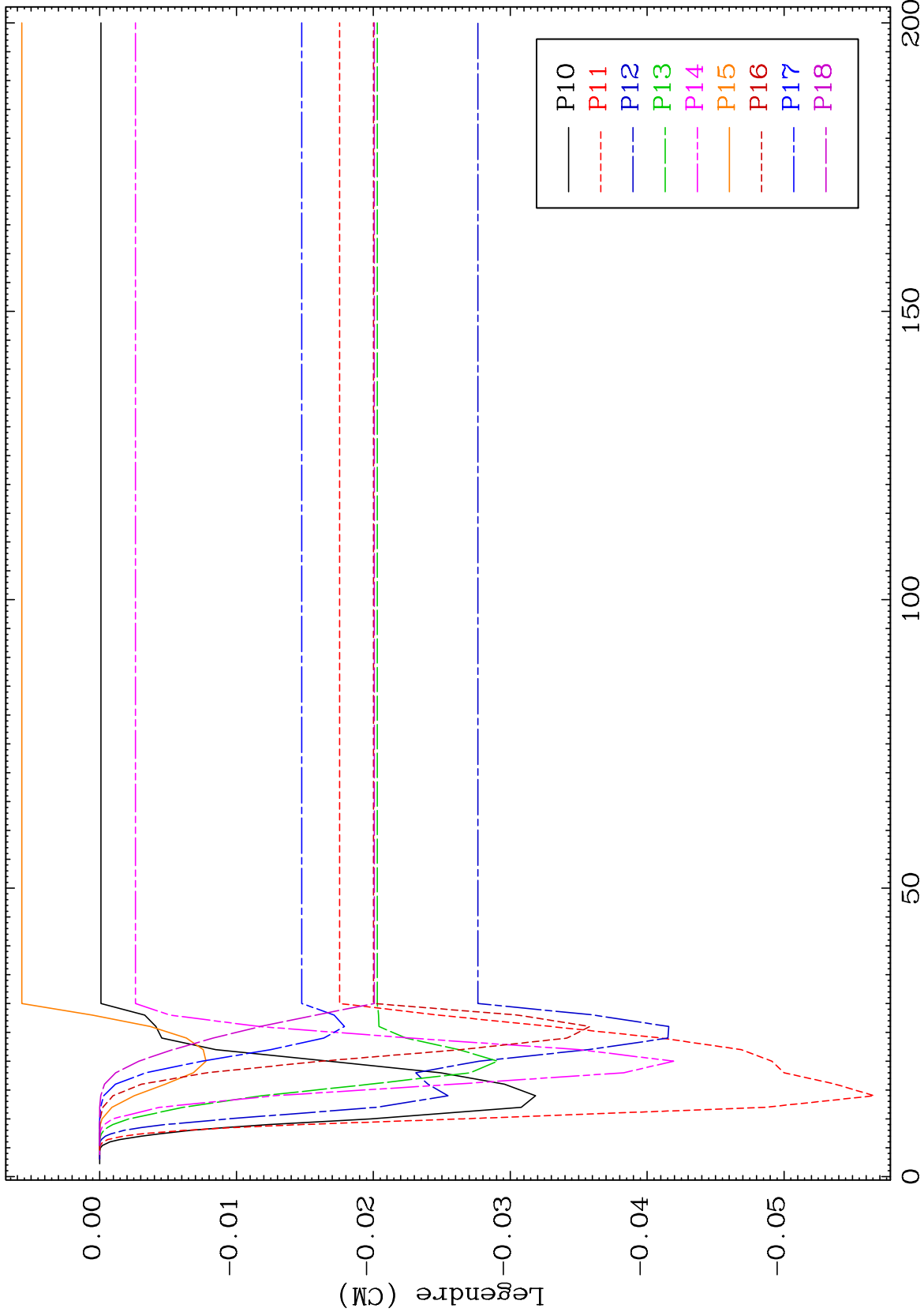
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

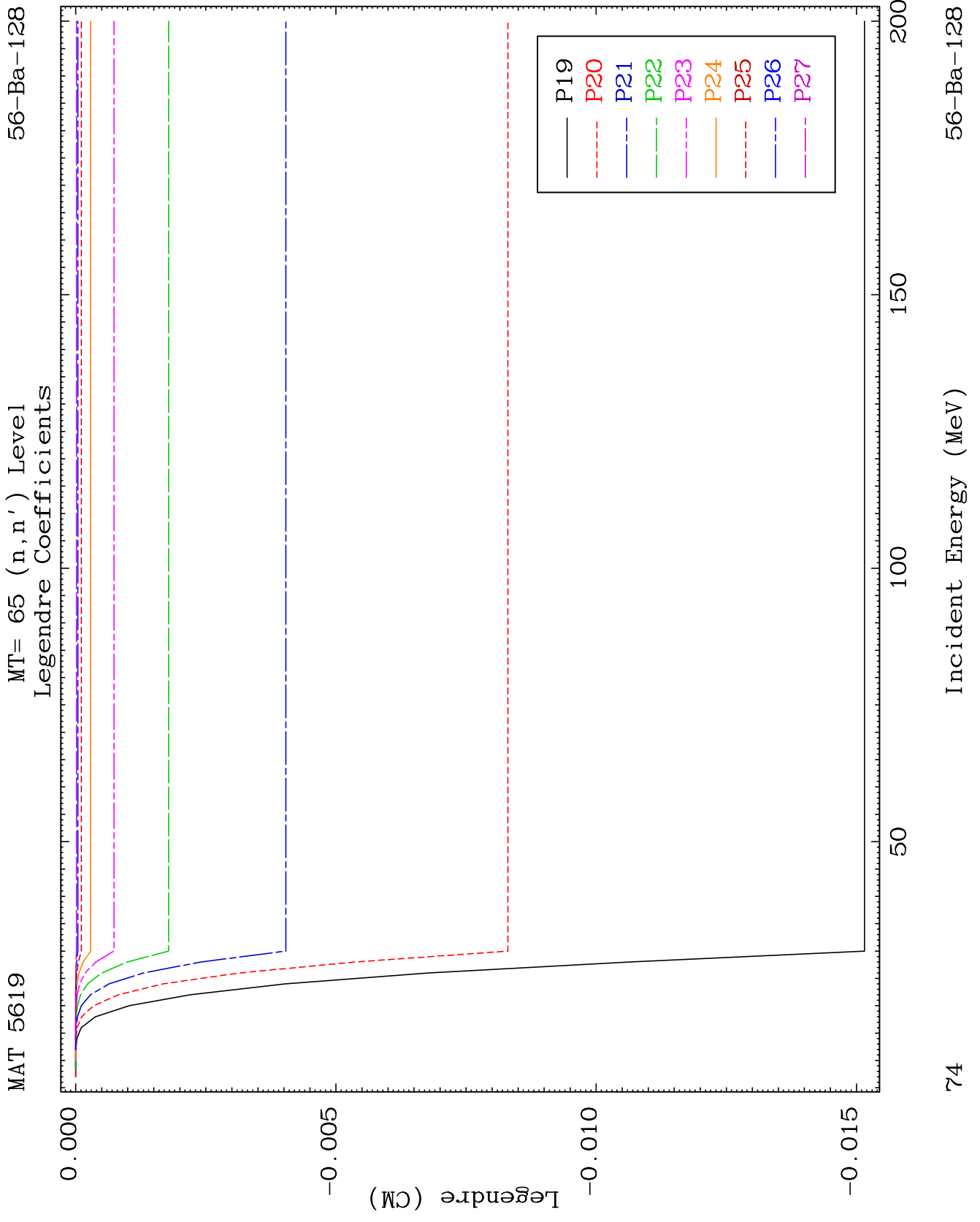
56-Ba-128

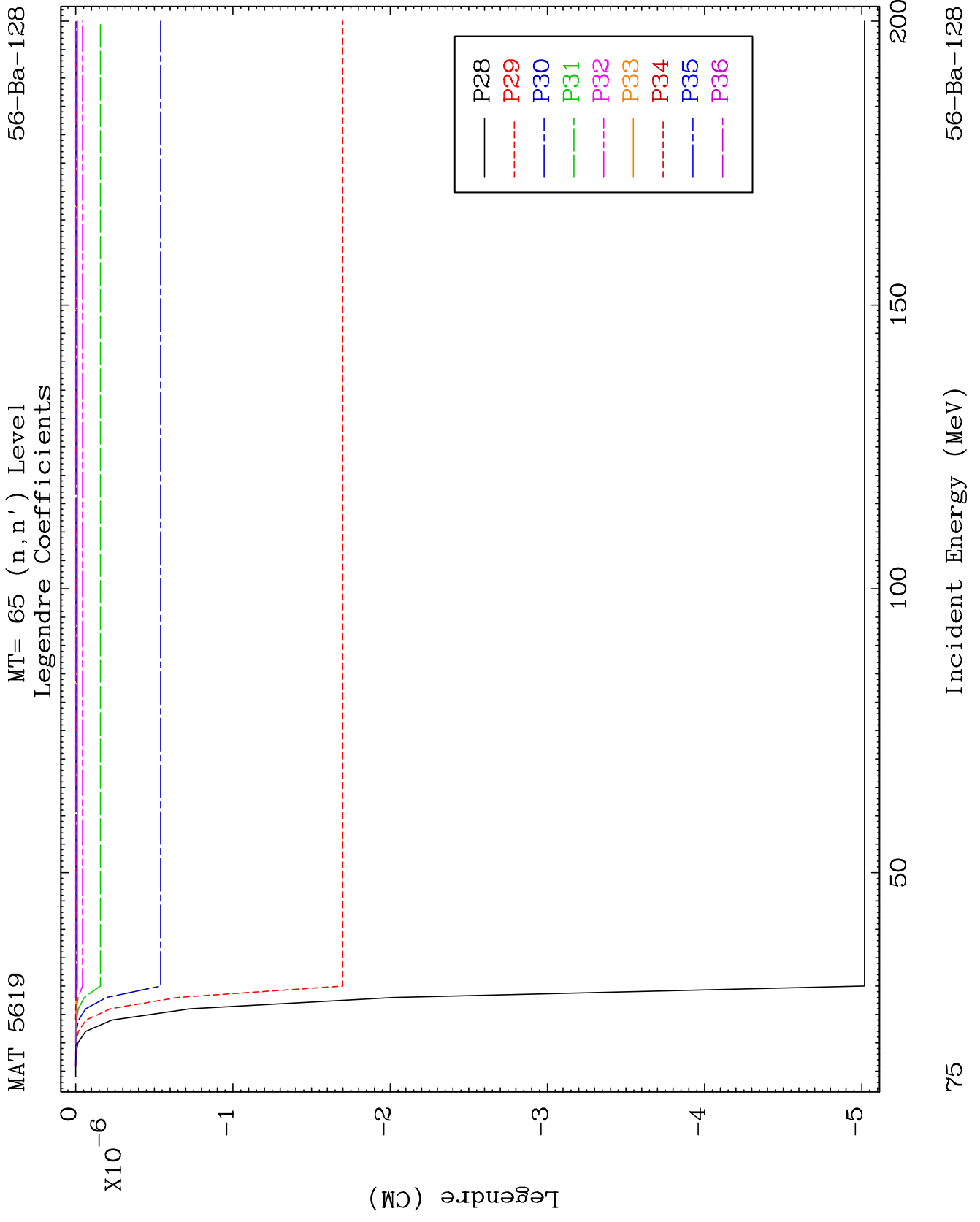


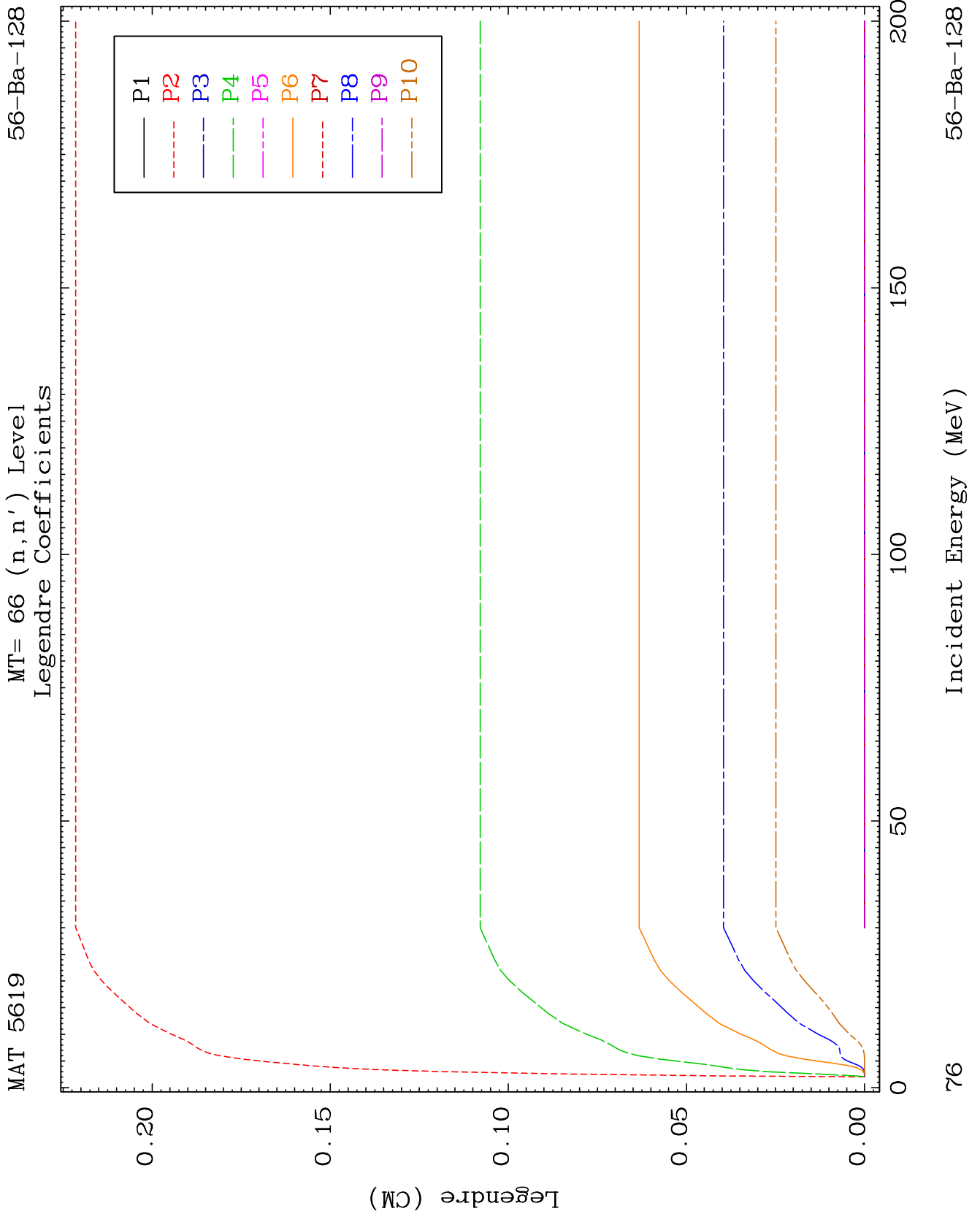
73

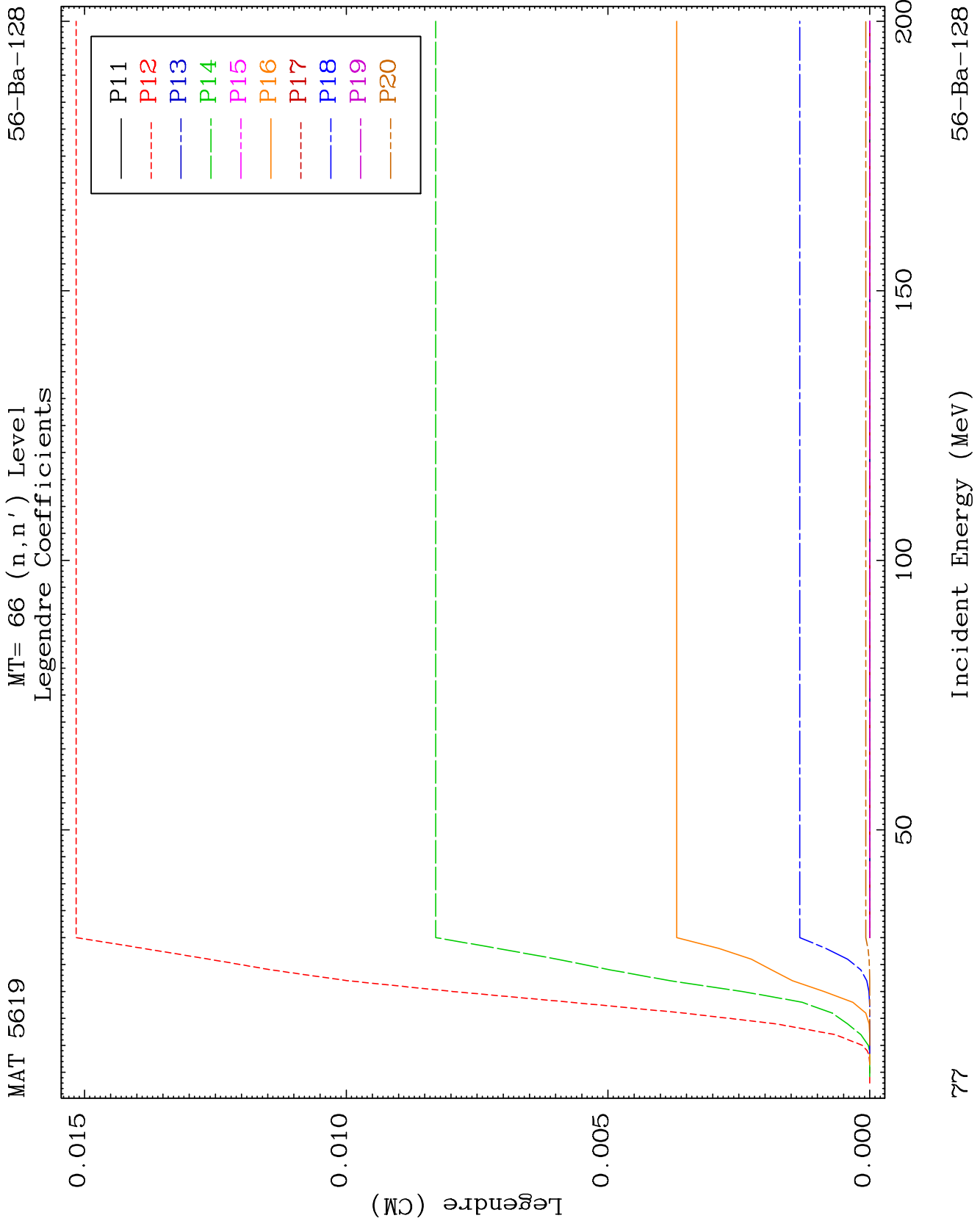
Incident Energy (MeV)

56-Ba-128





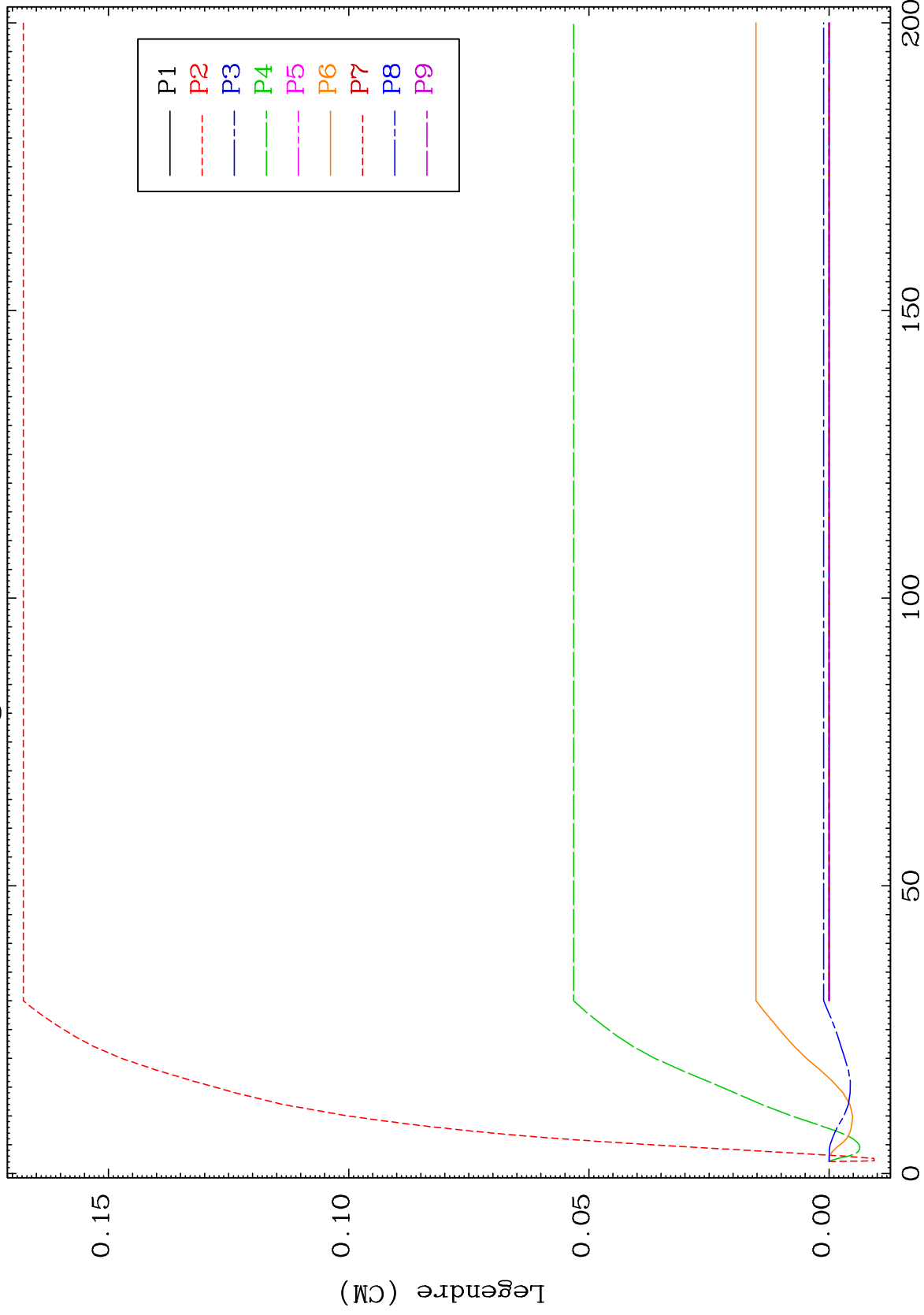




MAT 5619

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

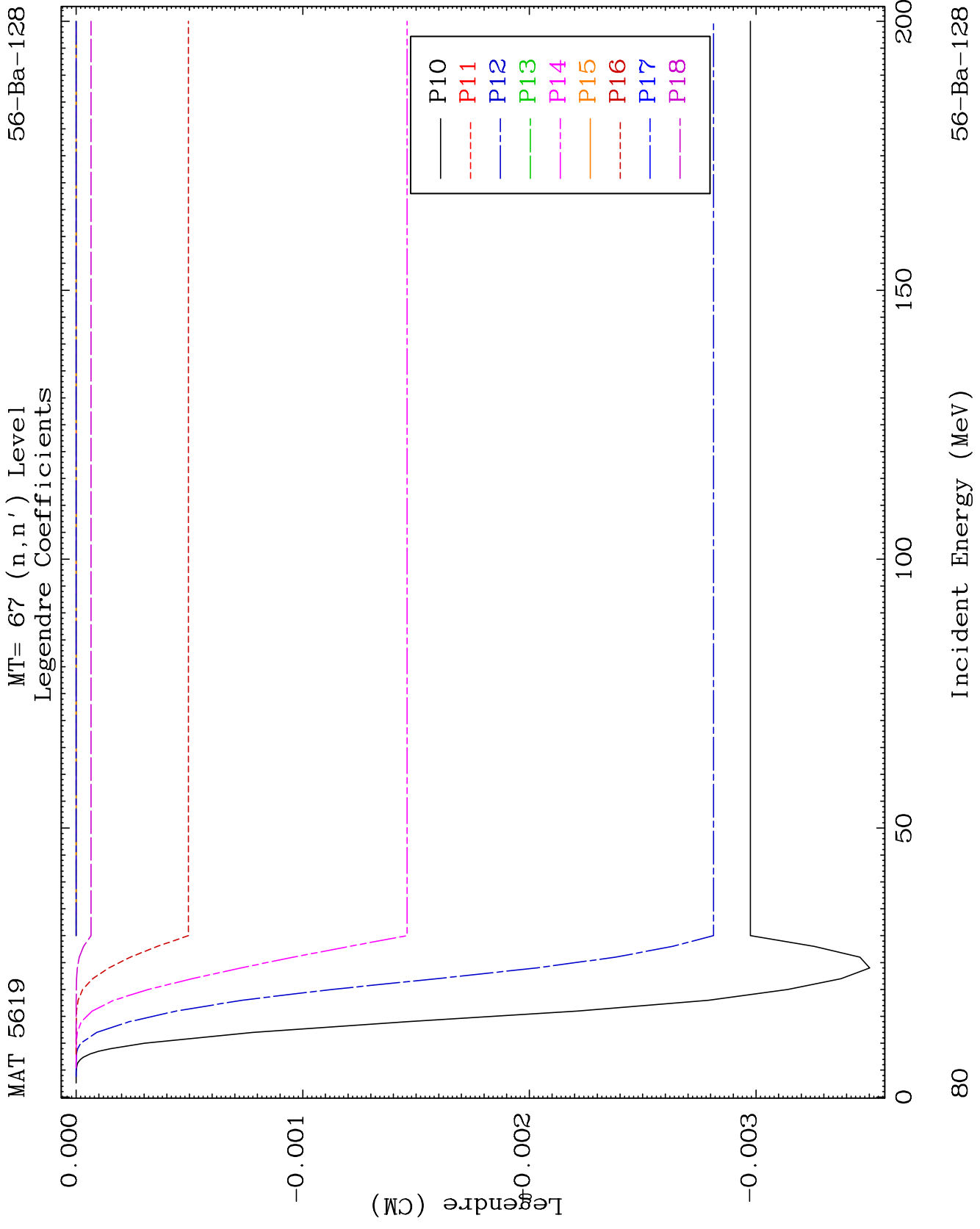
56-Ba-128

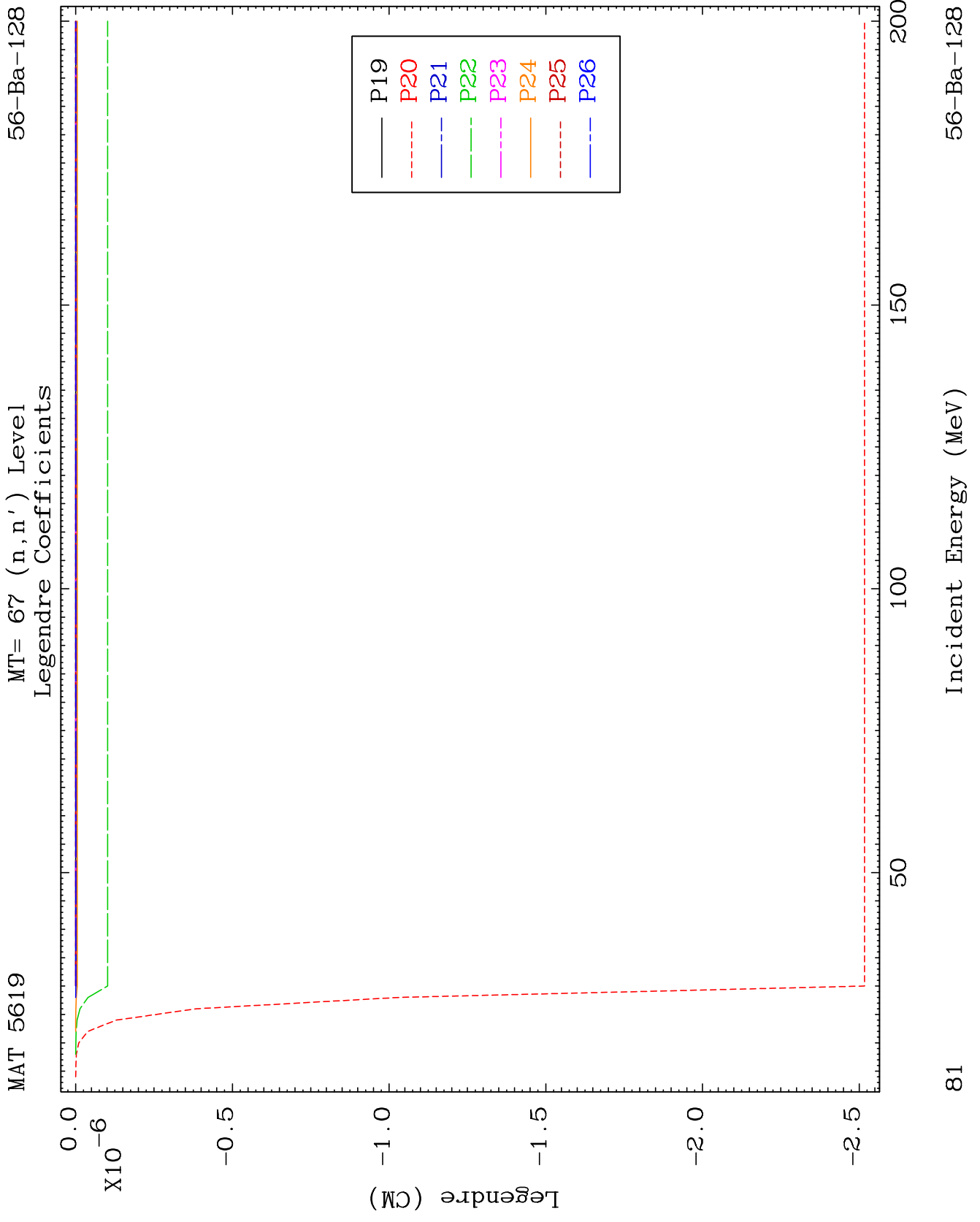


79

Incident Energy (MeV)

56-Ba-128

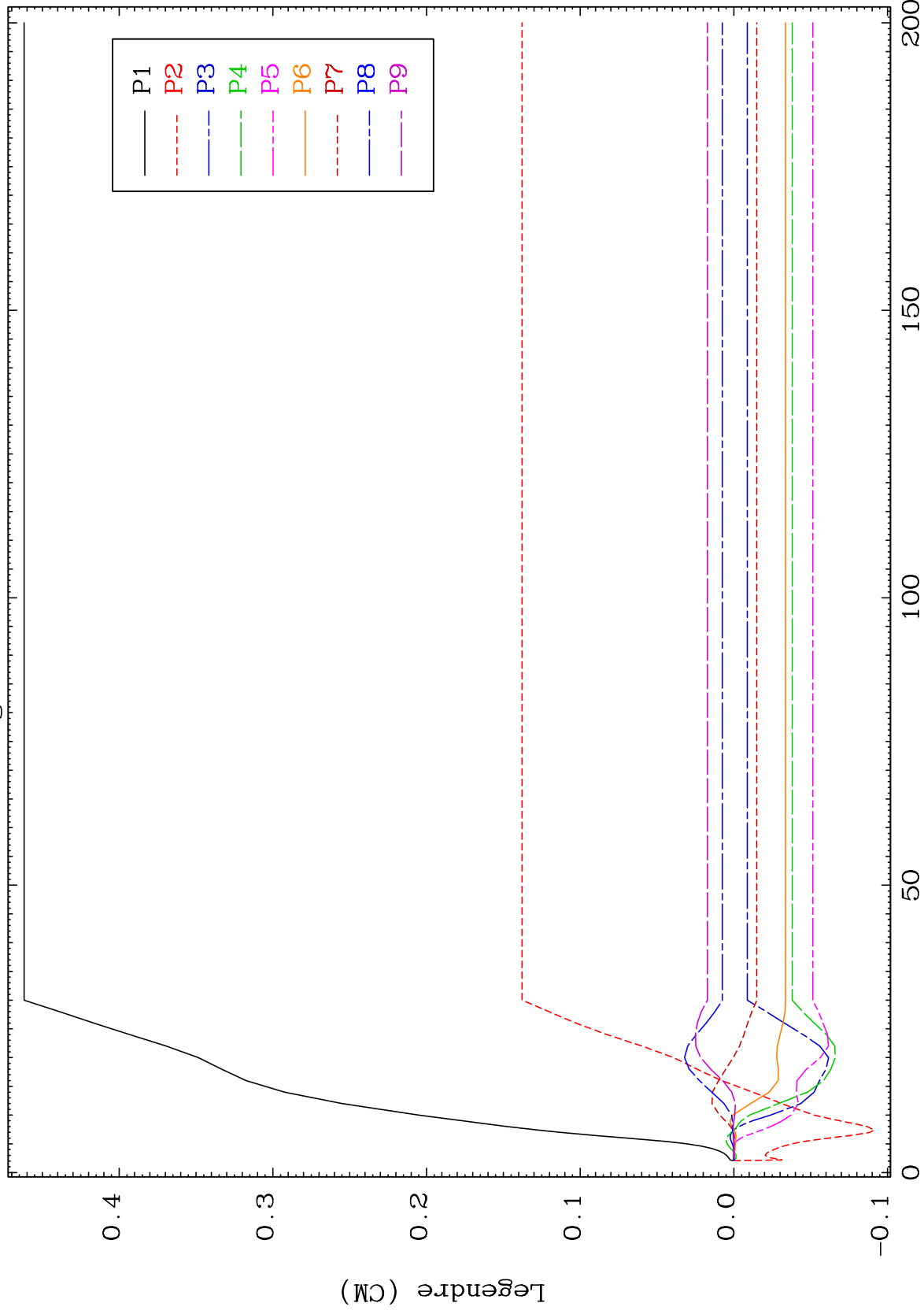




MAT 5619

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

56-Ba-128



56-Ba-128

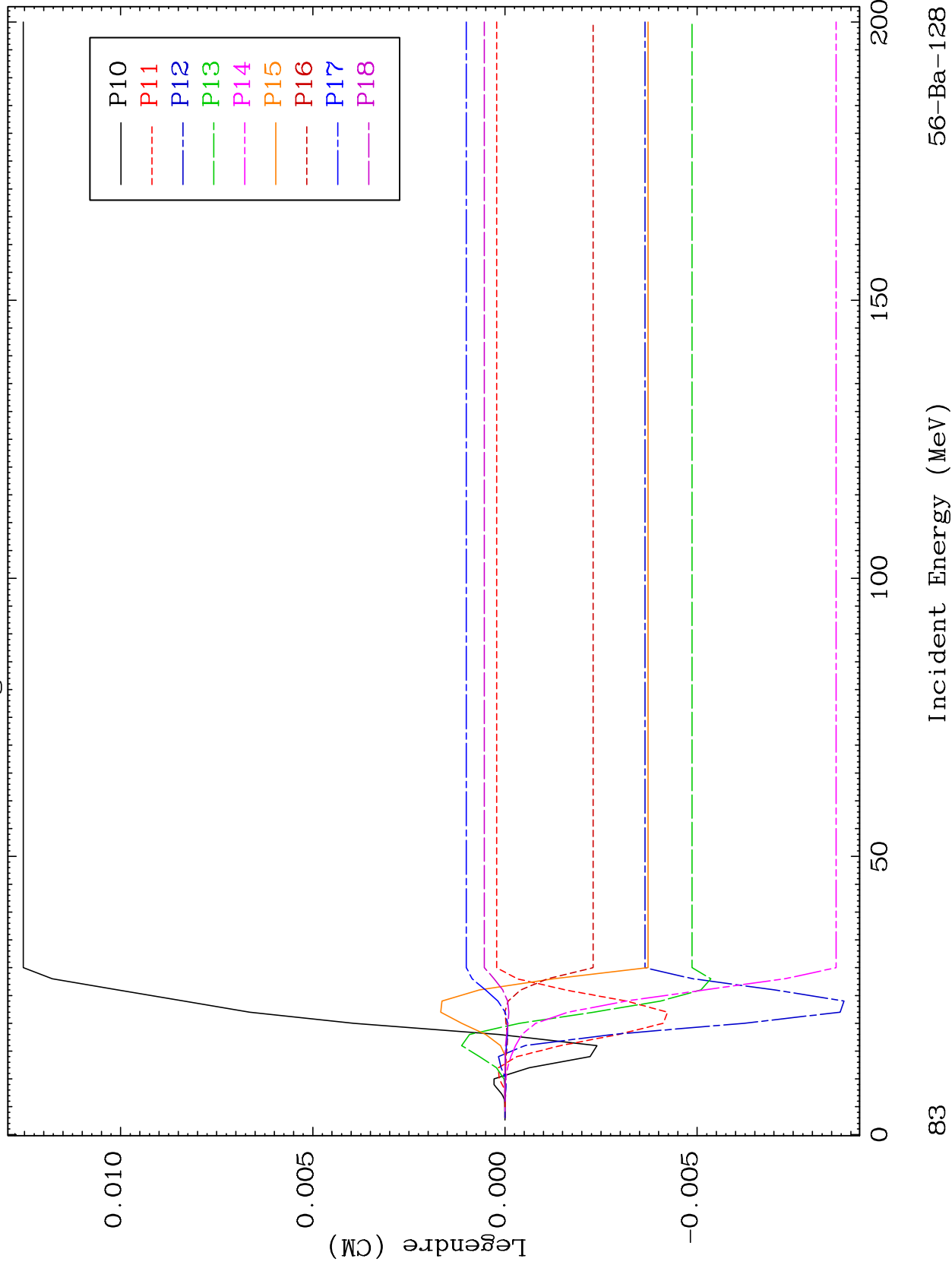
Incident Energy (MeV)

82

MAT 5619

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

56-Ba-128



83

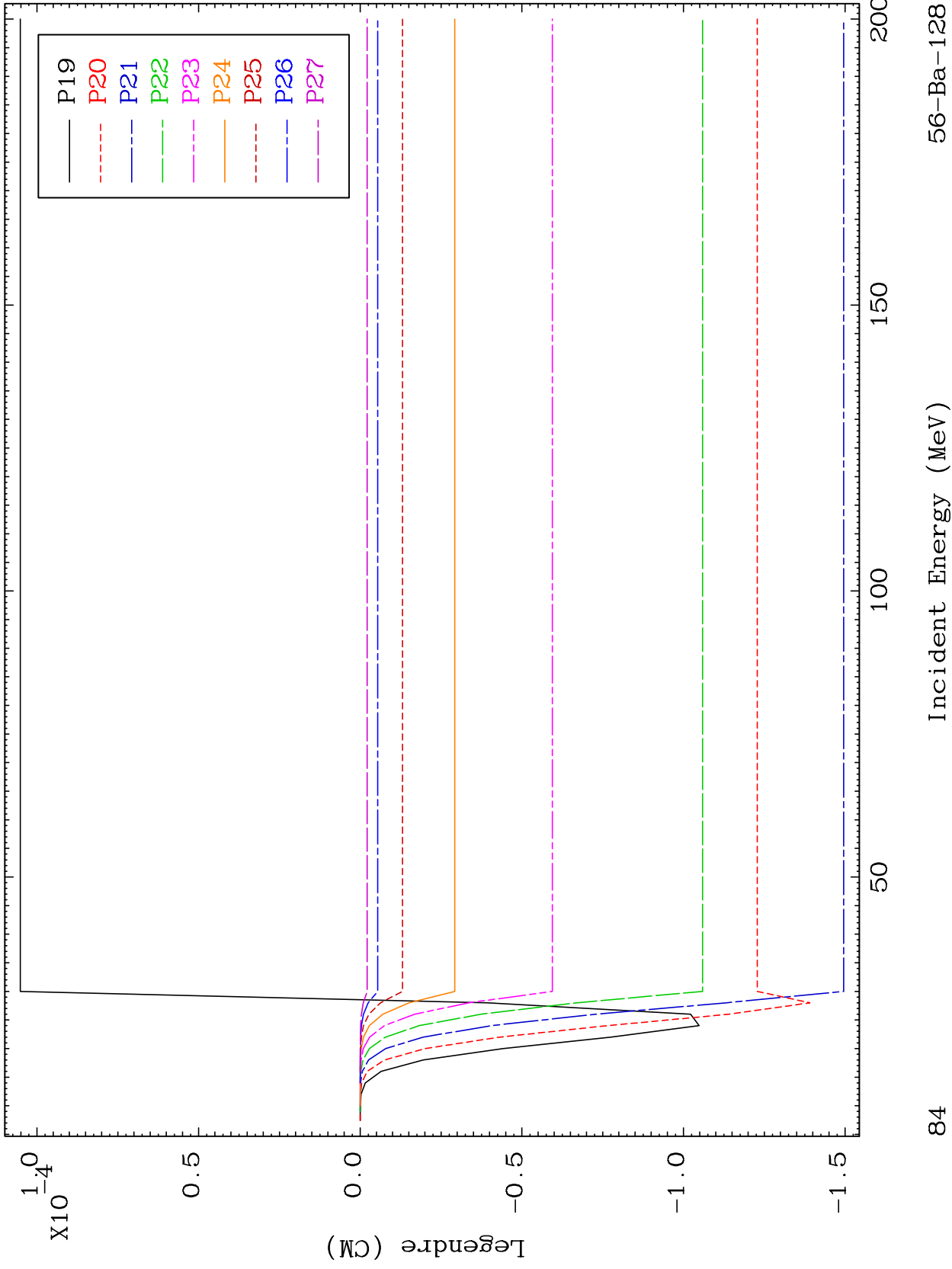
Incident Energy (MeV)

56-Ba-128

MAT 5619

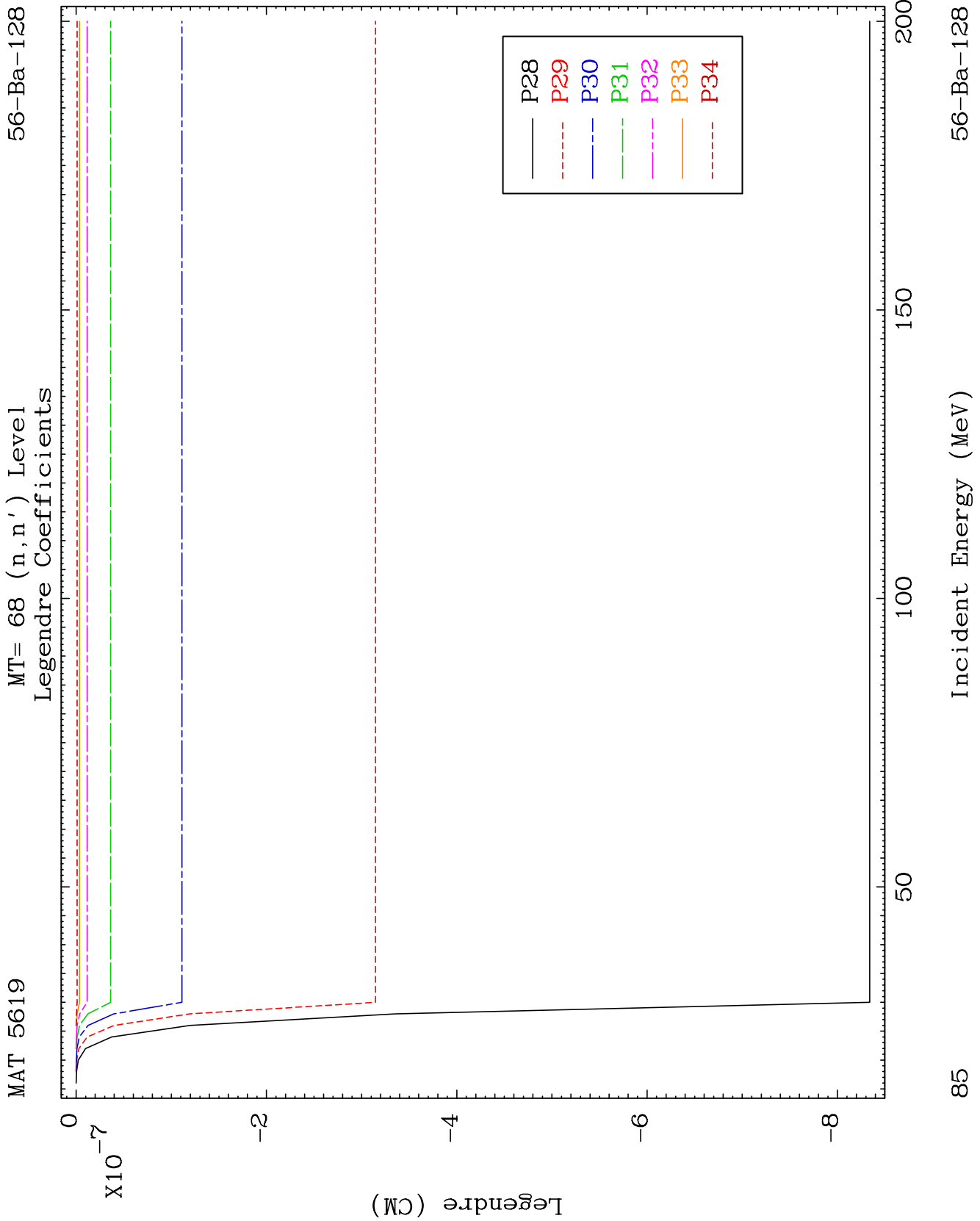
MT= 68 (n,n') Level
Legendre Coefficients

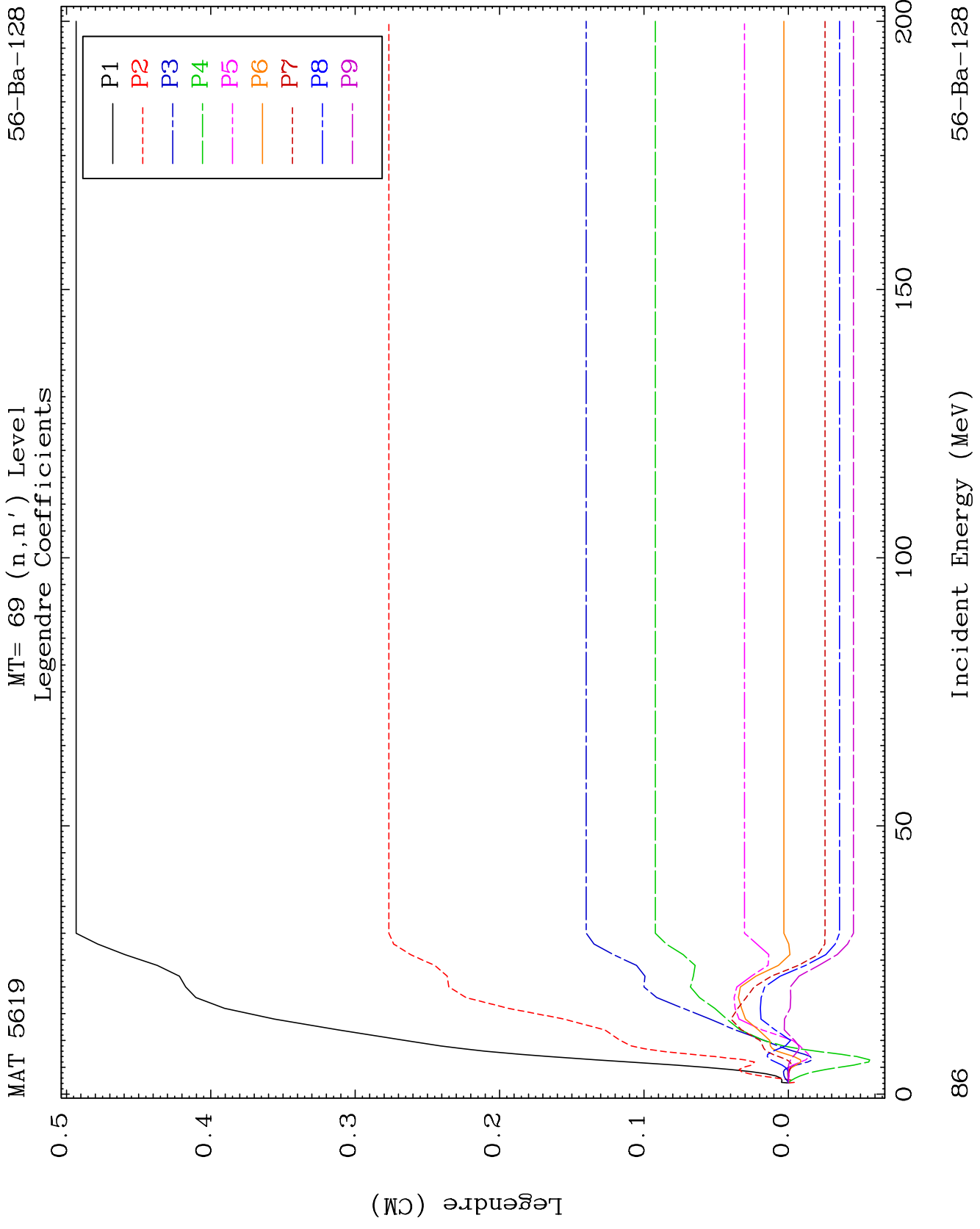
56-Ba-128

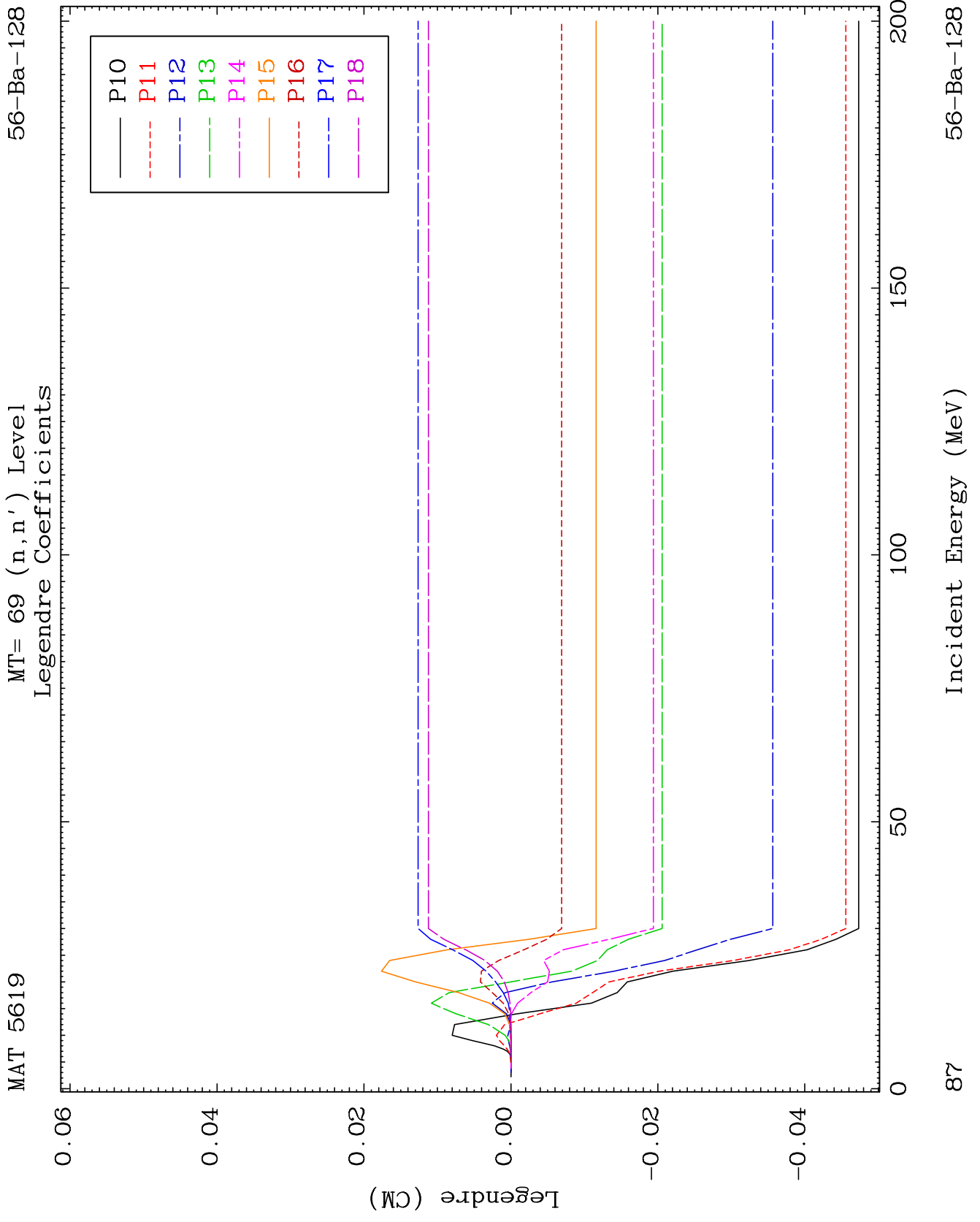


84

56-Ba-128



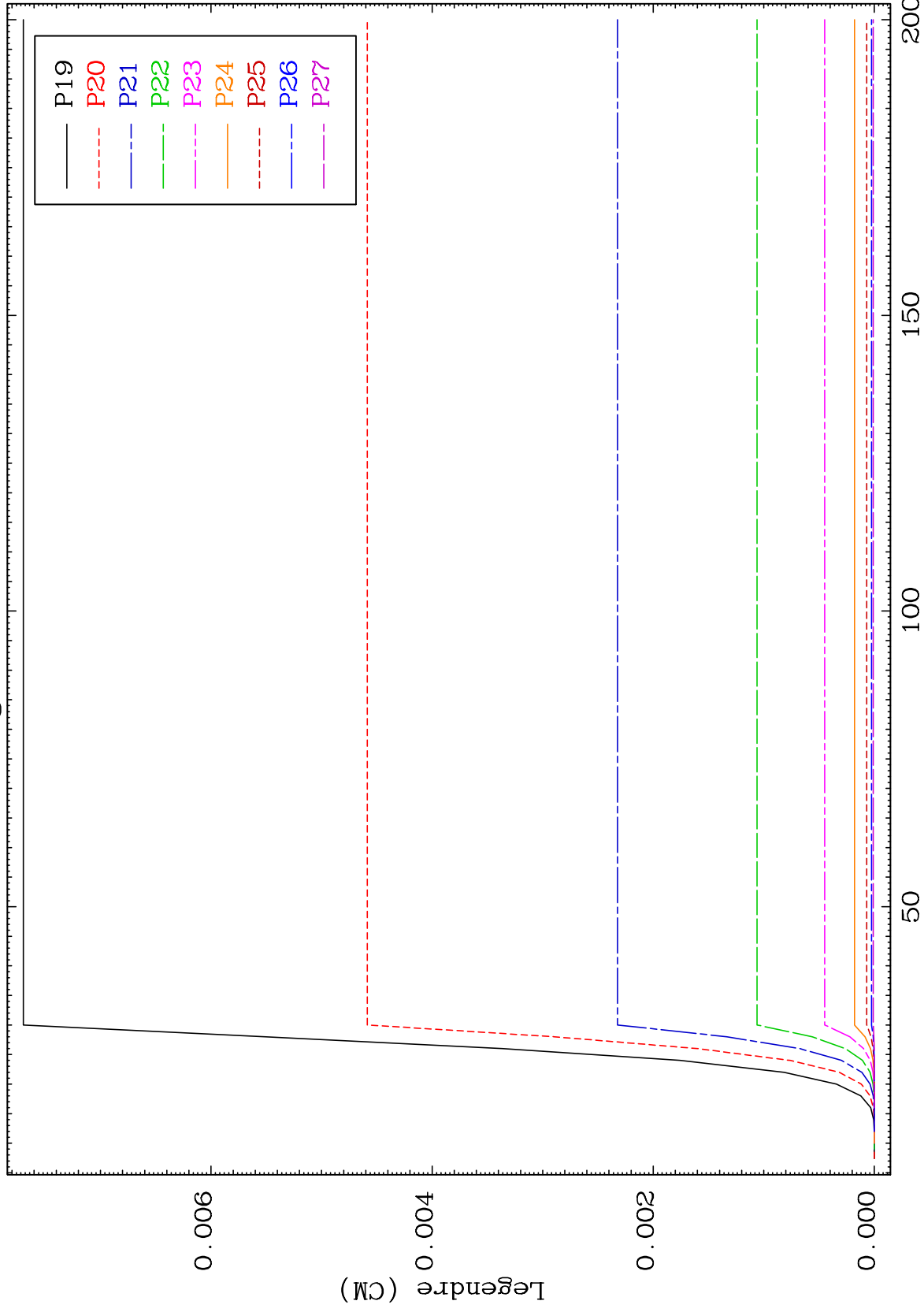




MAT 5619

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

56-Ba-128



88

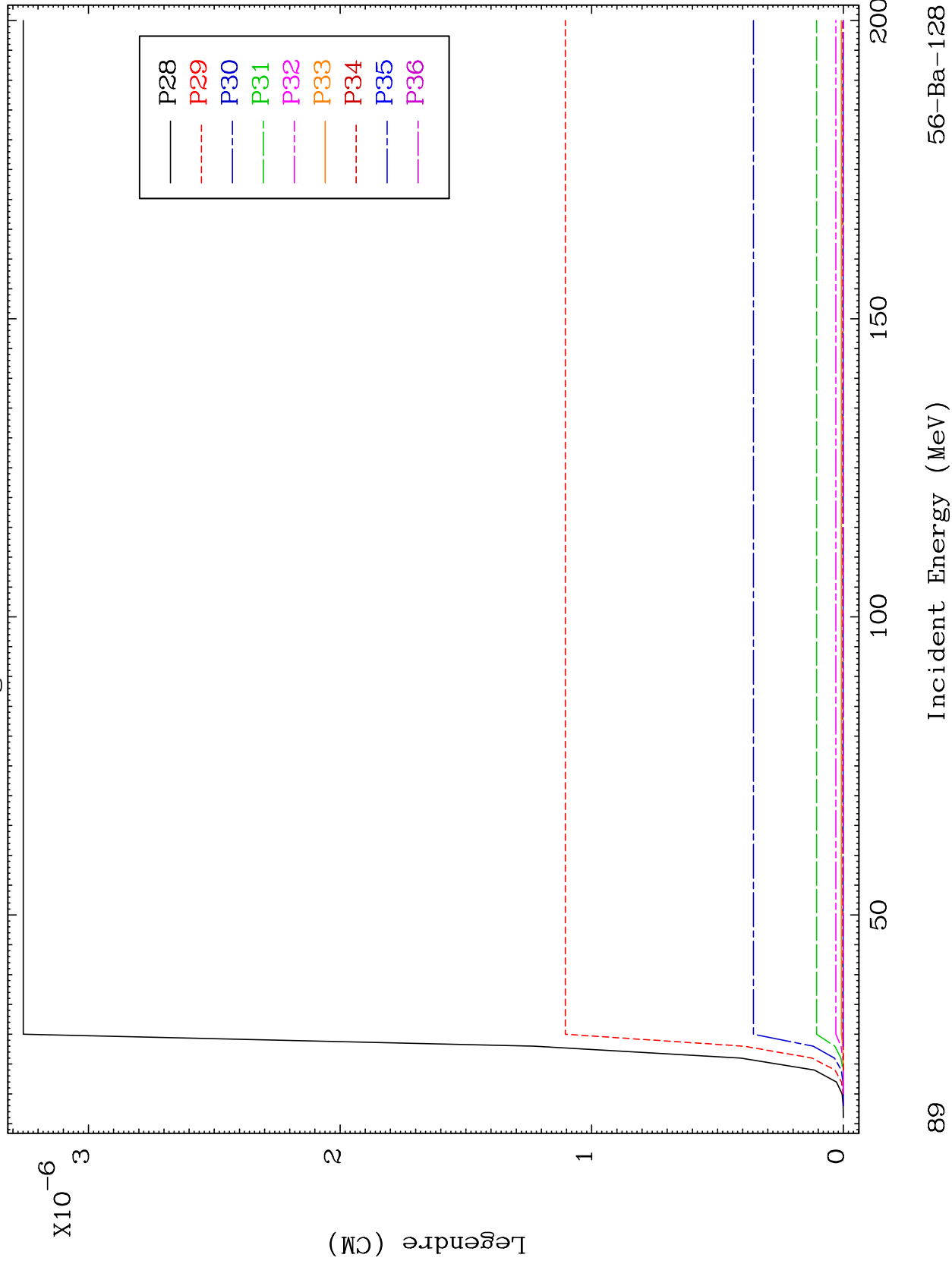
Incident Energy (MeV)

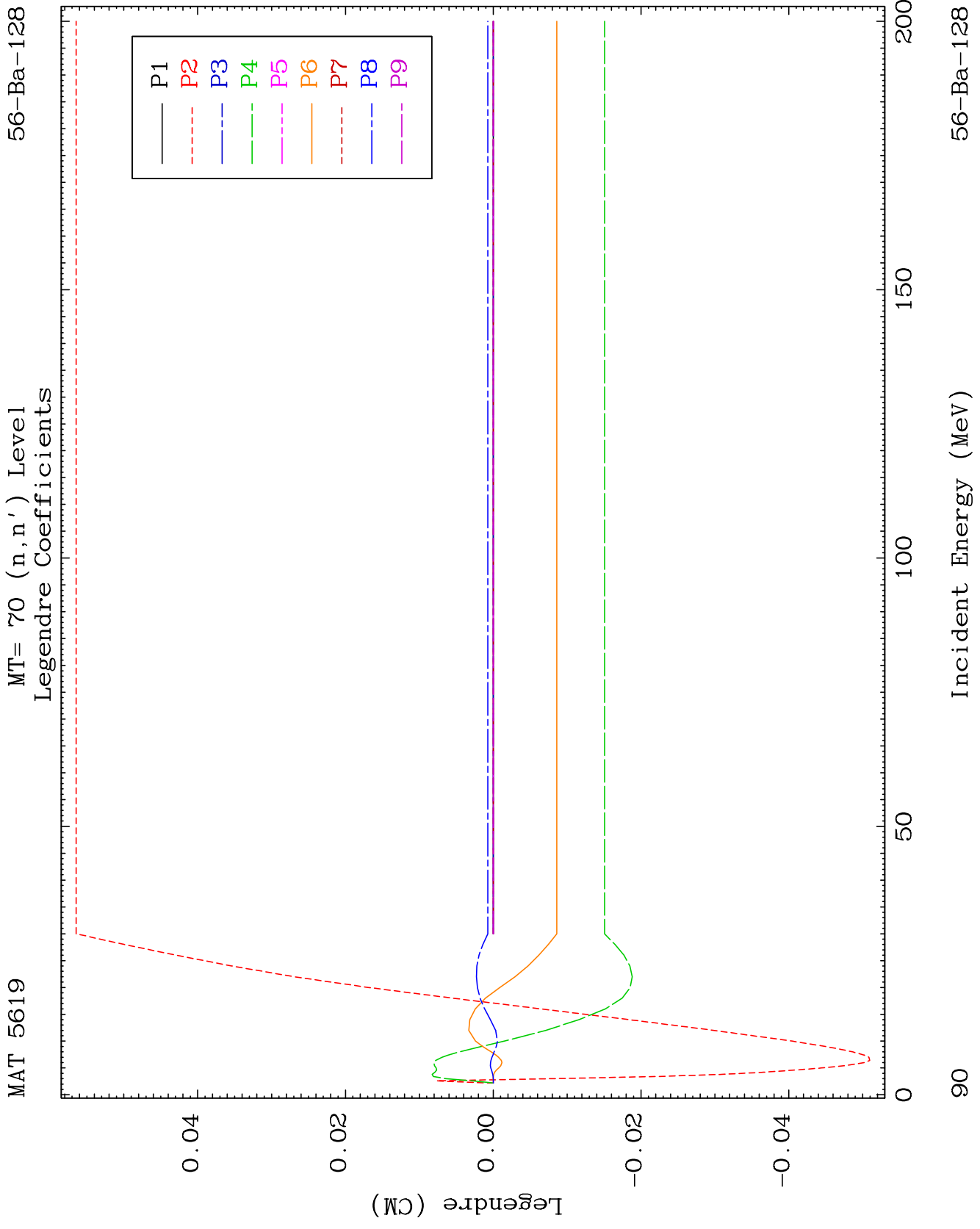
56-Ba-128

MAT 5619

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

56-Ba-128

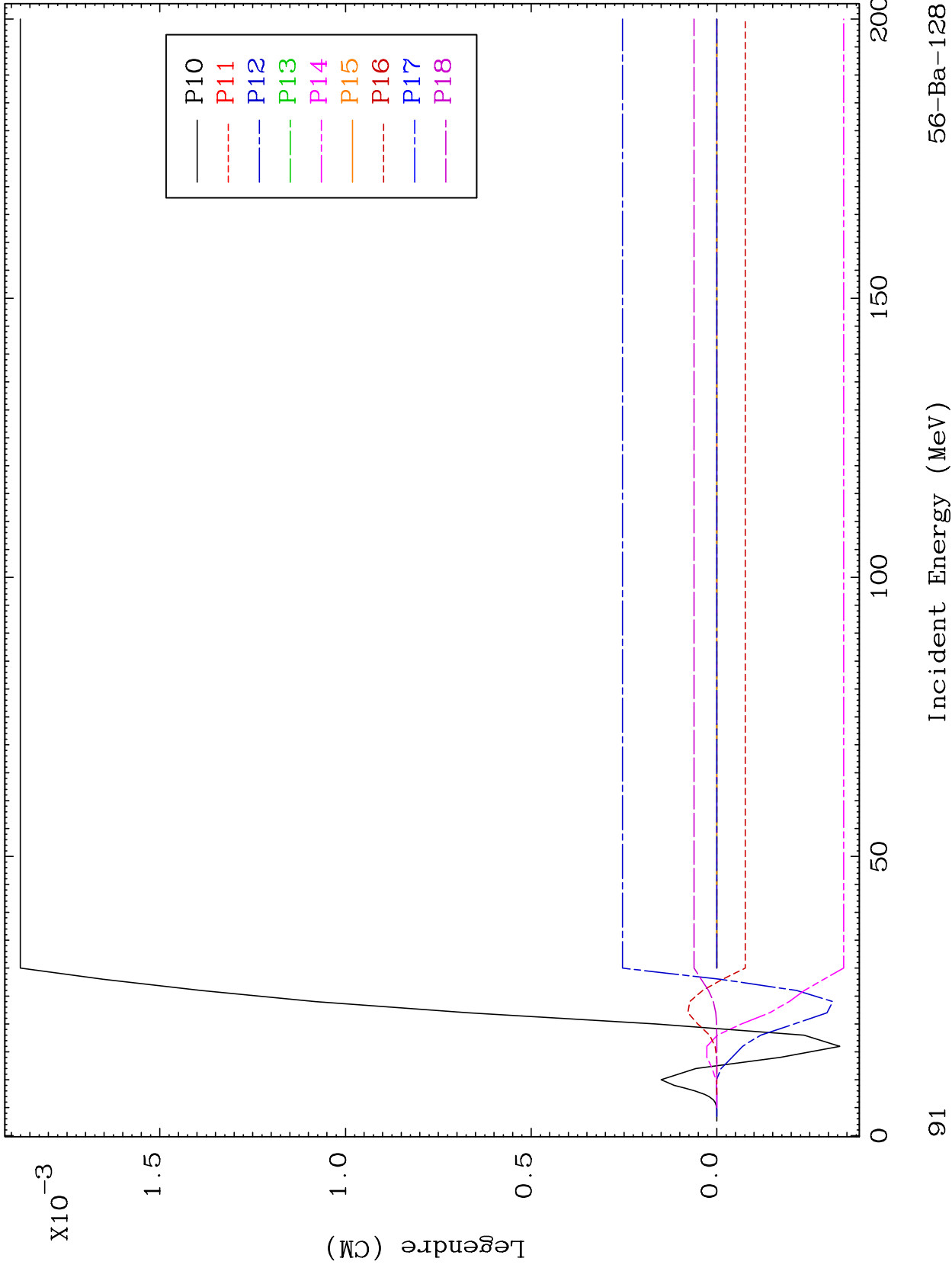




MAT 5619

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

56-Ba-128



91

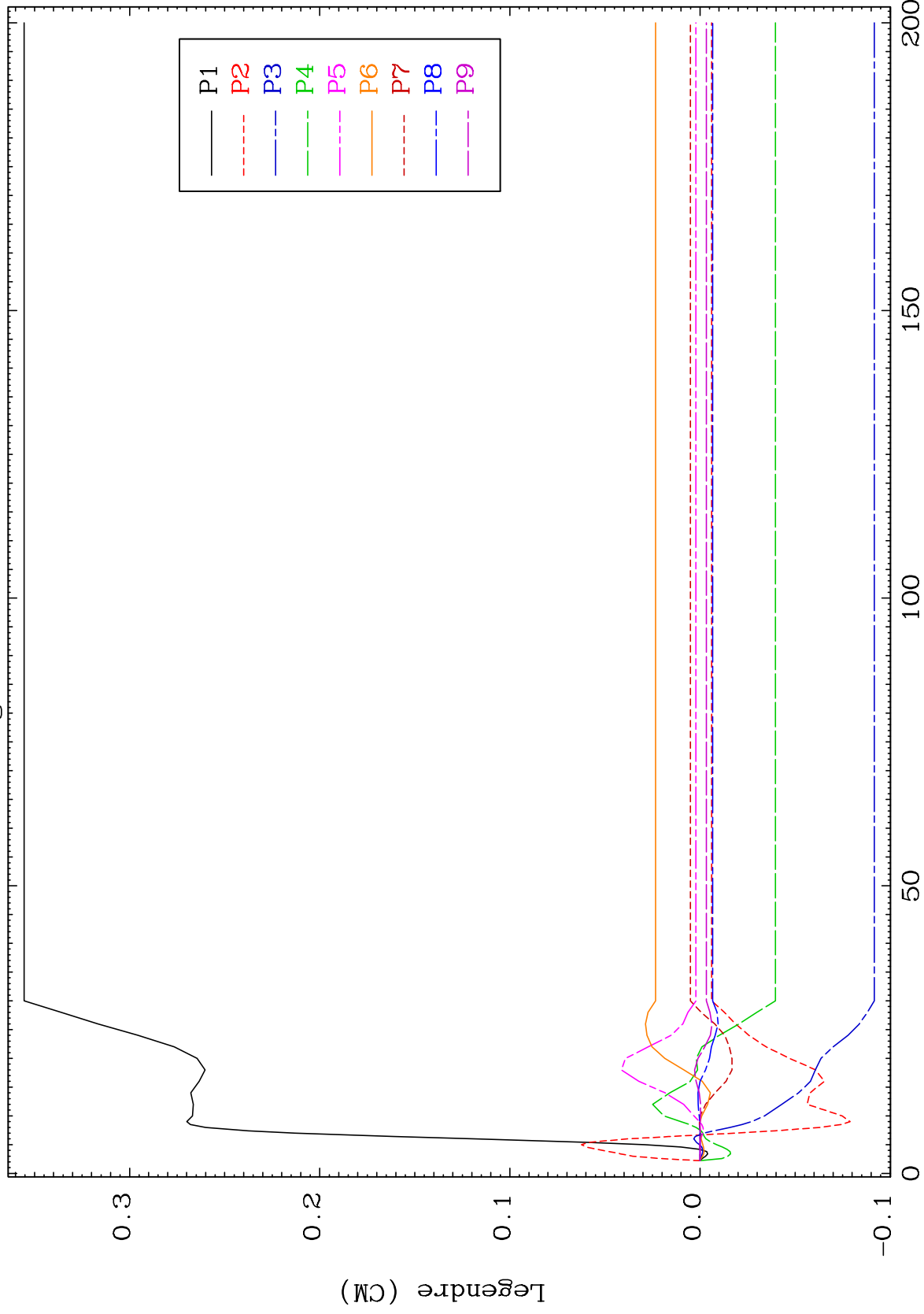
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

56-Ba-128



93

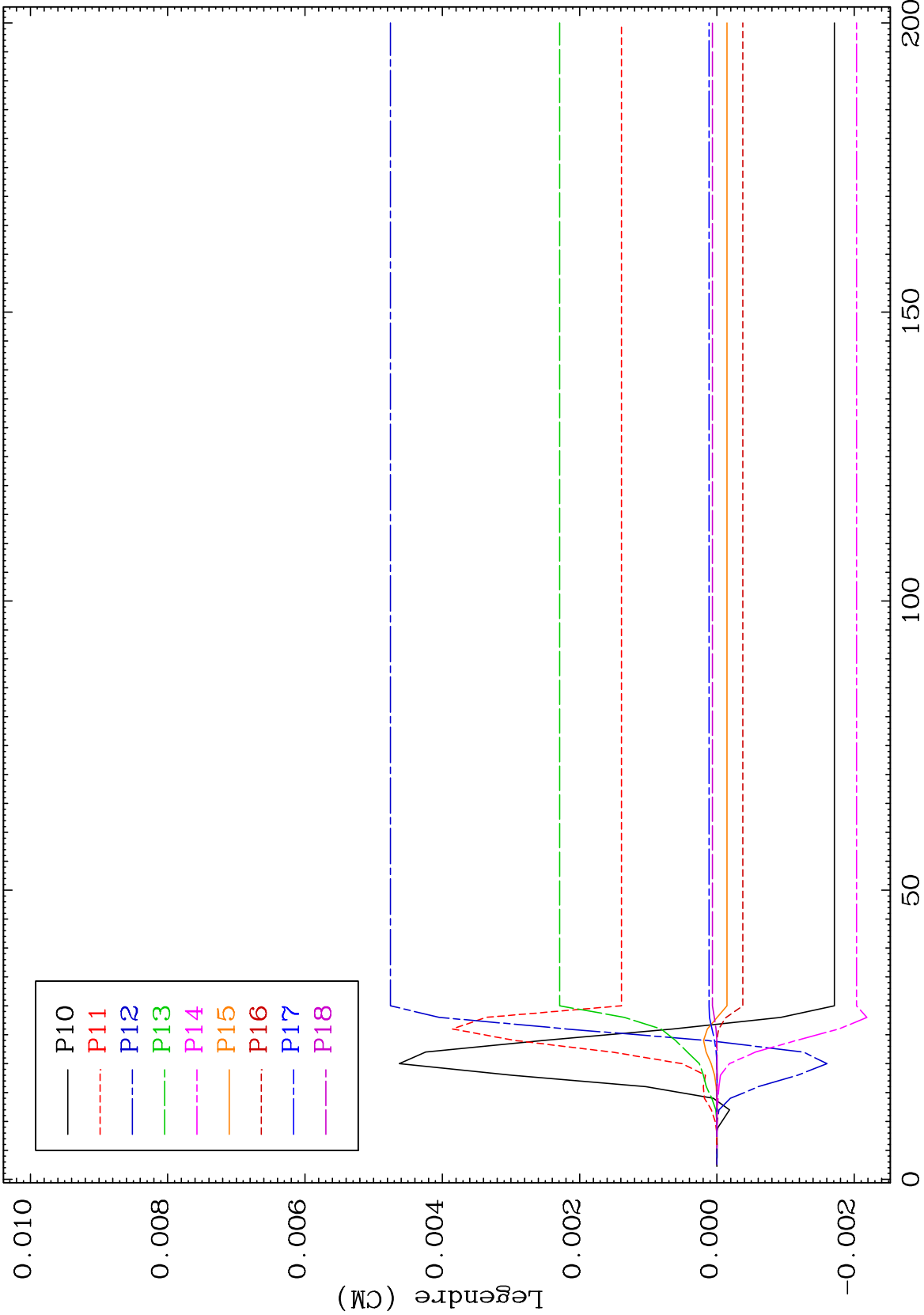
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

56-Ba-128



94

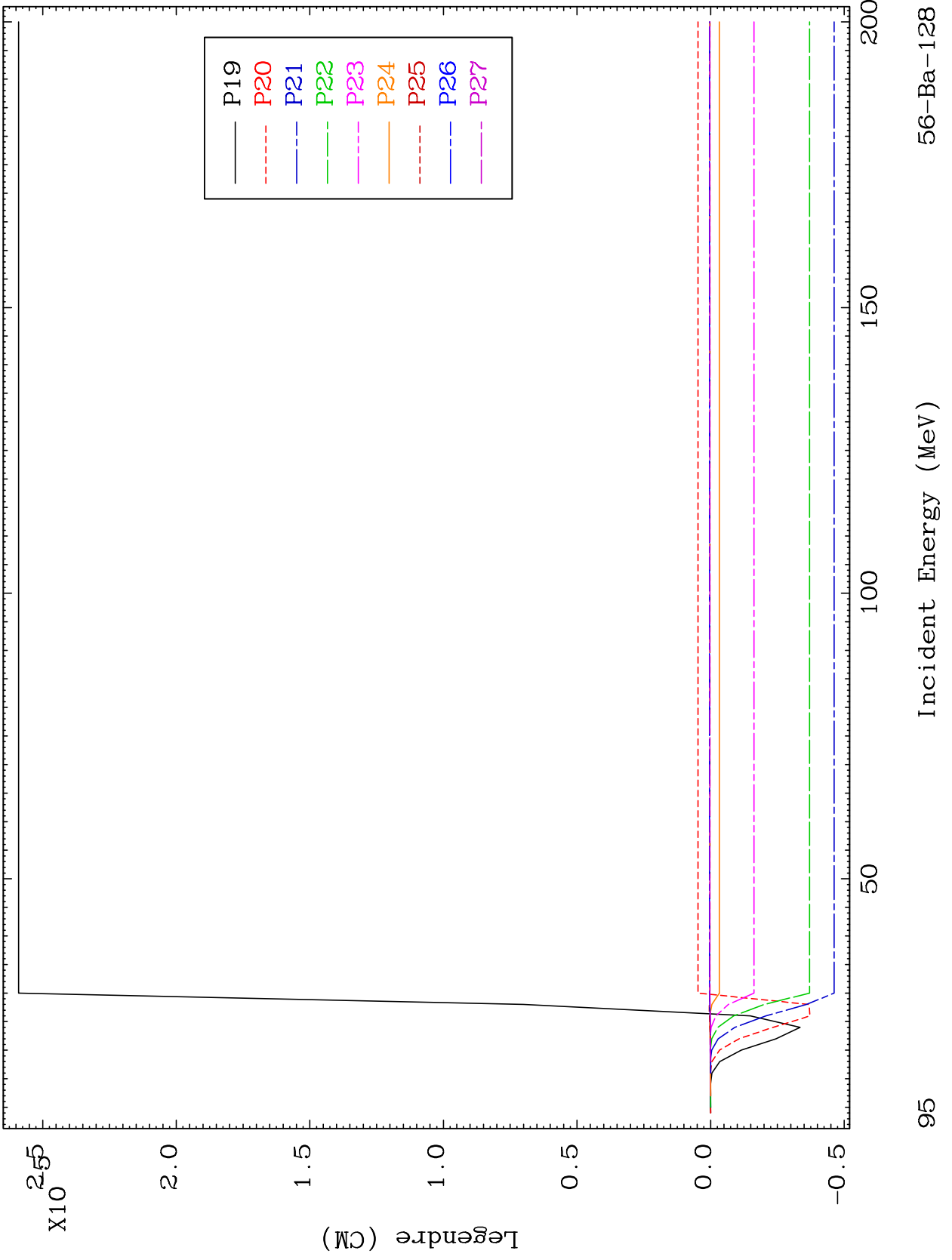
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

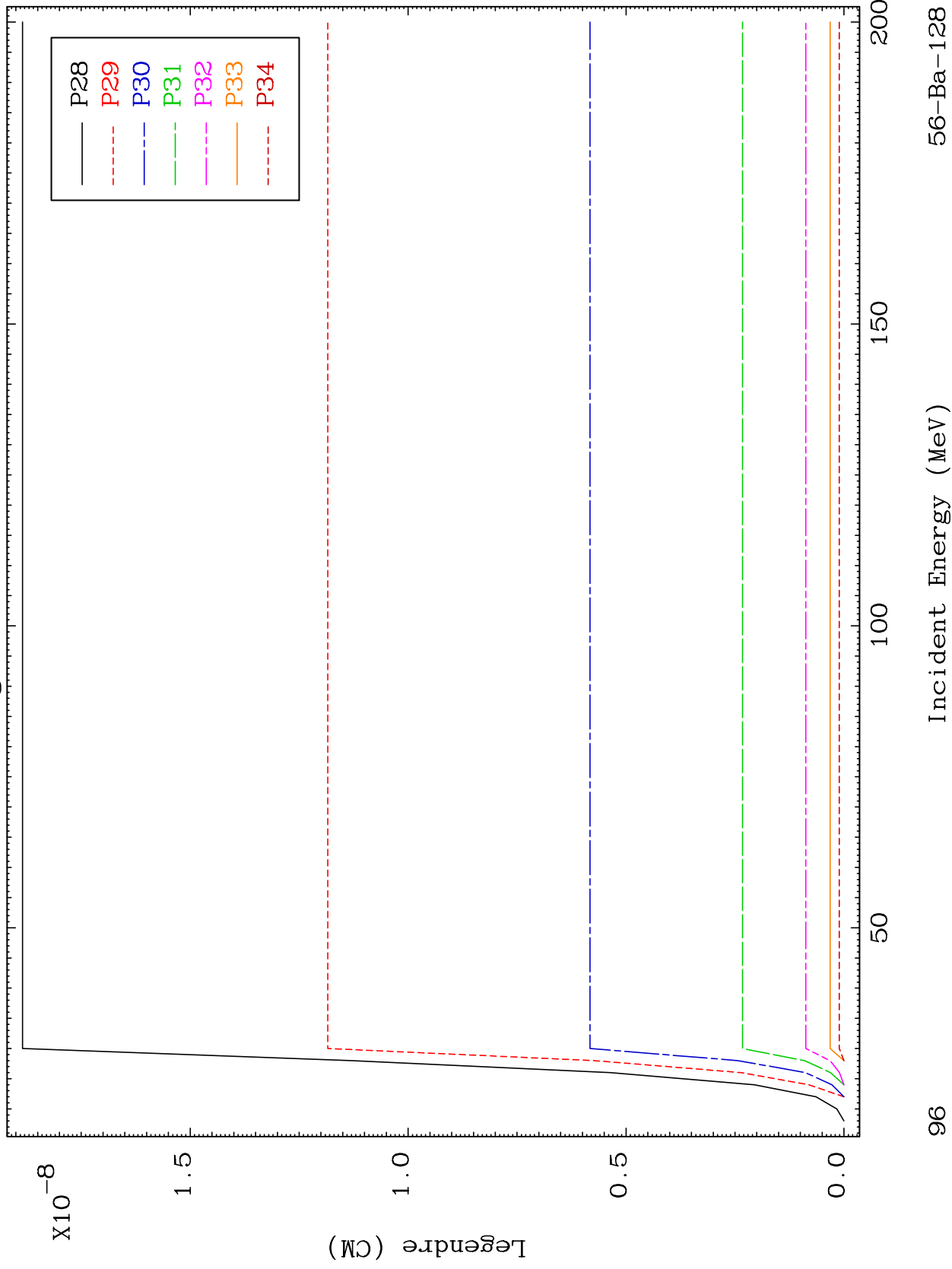
56-Ba-128



MAT 5619

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

56-Ba-128



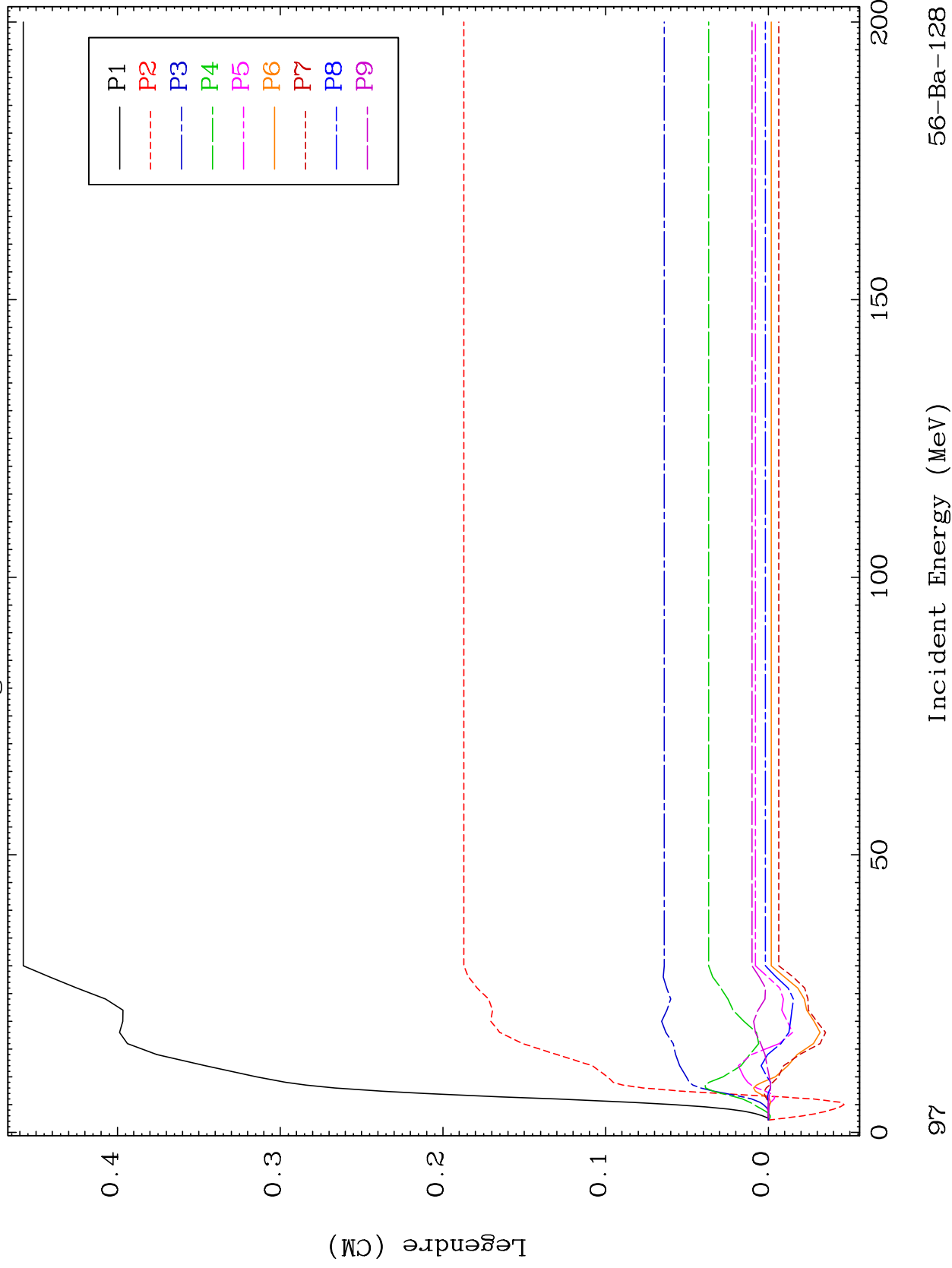
96

56-Ba-128

MAT 5619

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

56-Ba-128



56-Ba-128

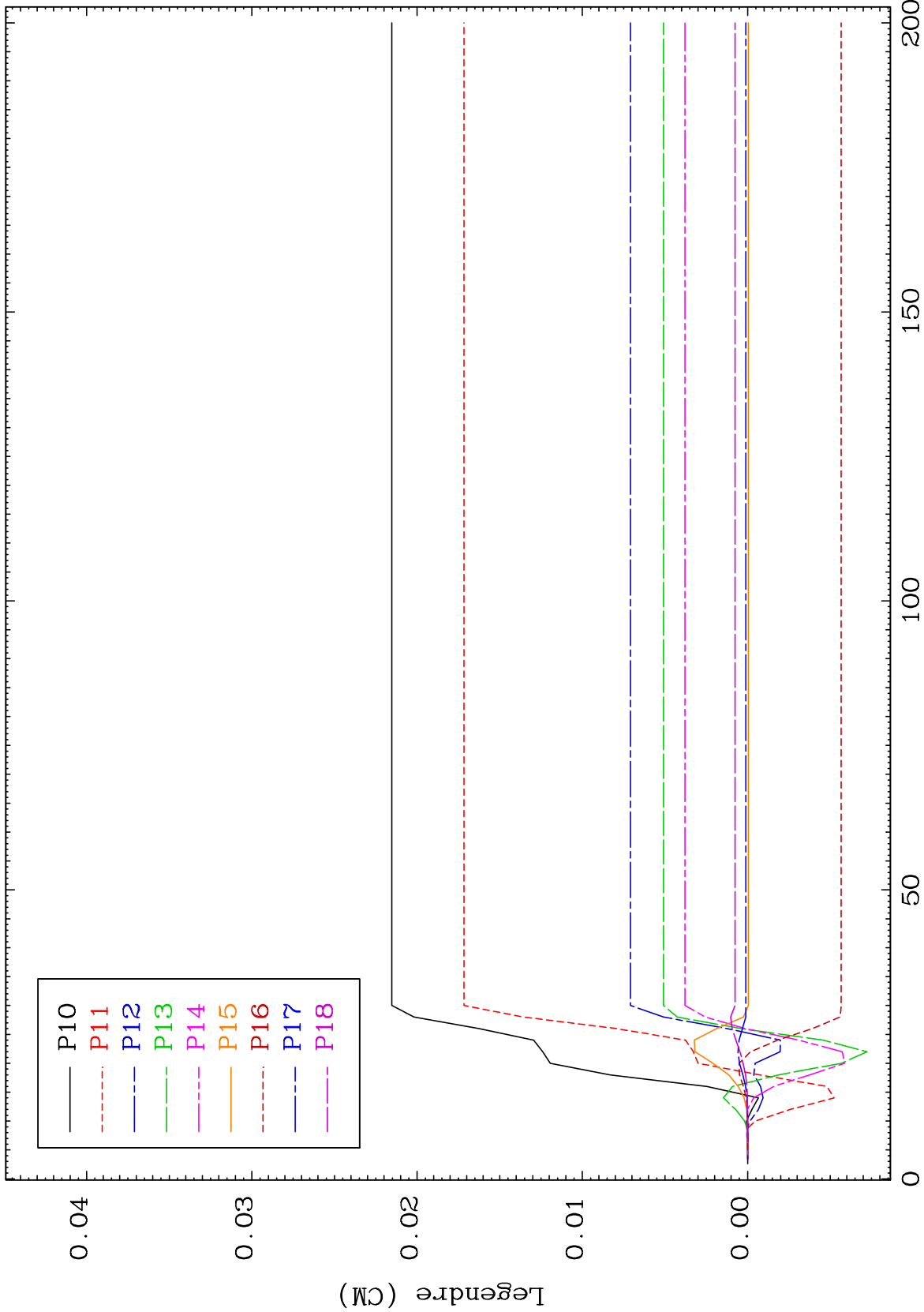
Incident Energy (MeV)

97

MAT 5619

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

56-Ba-128



98

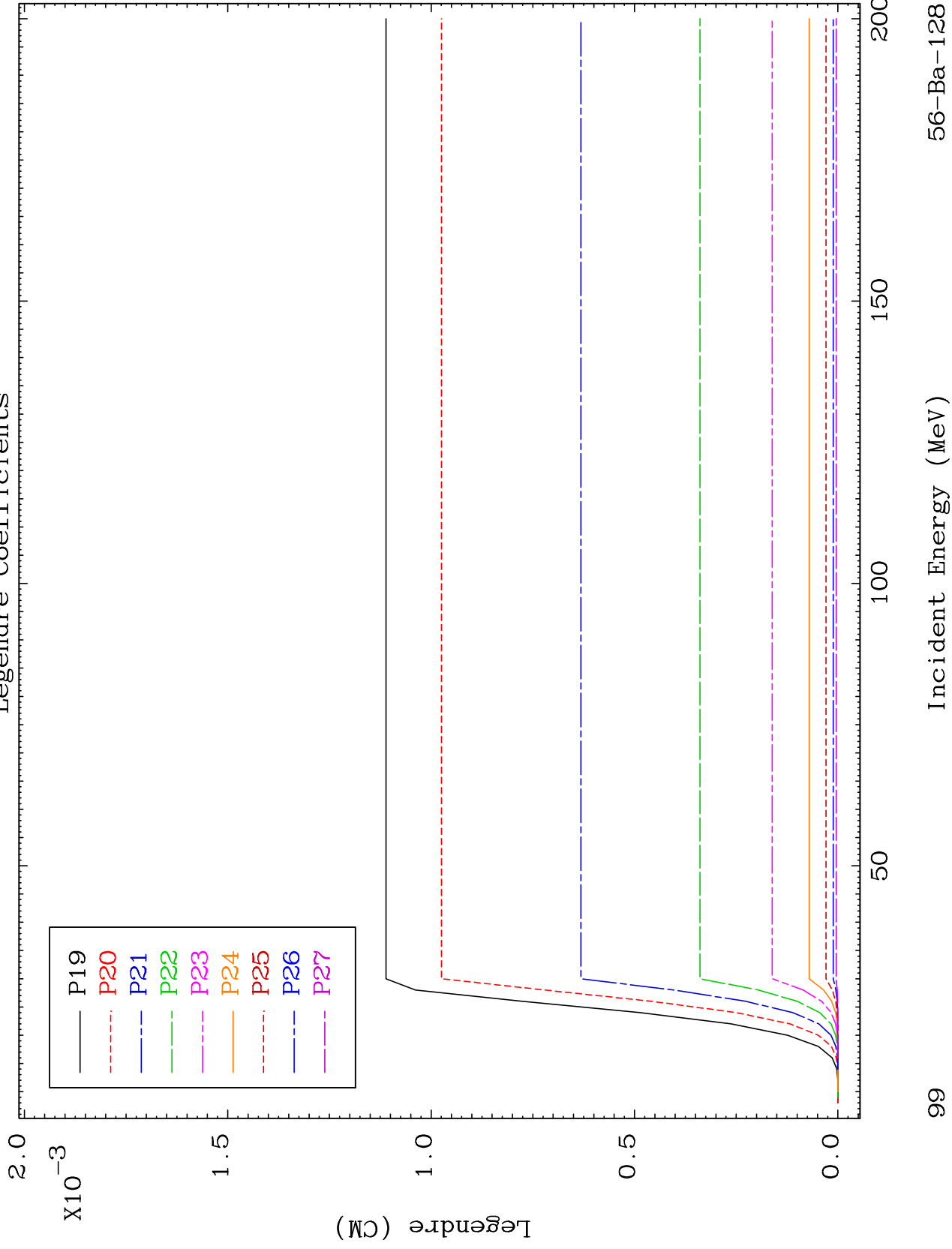
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

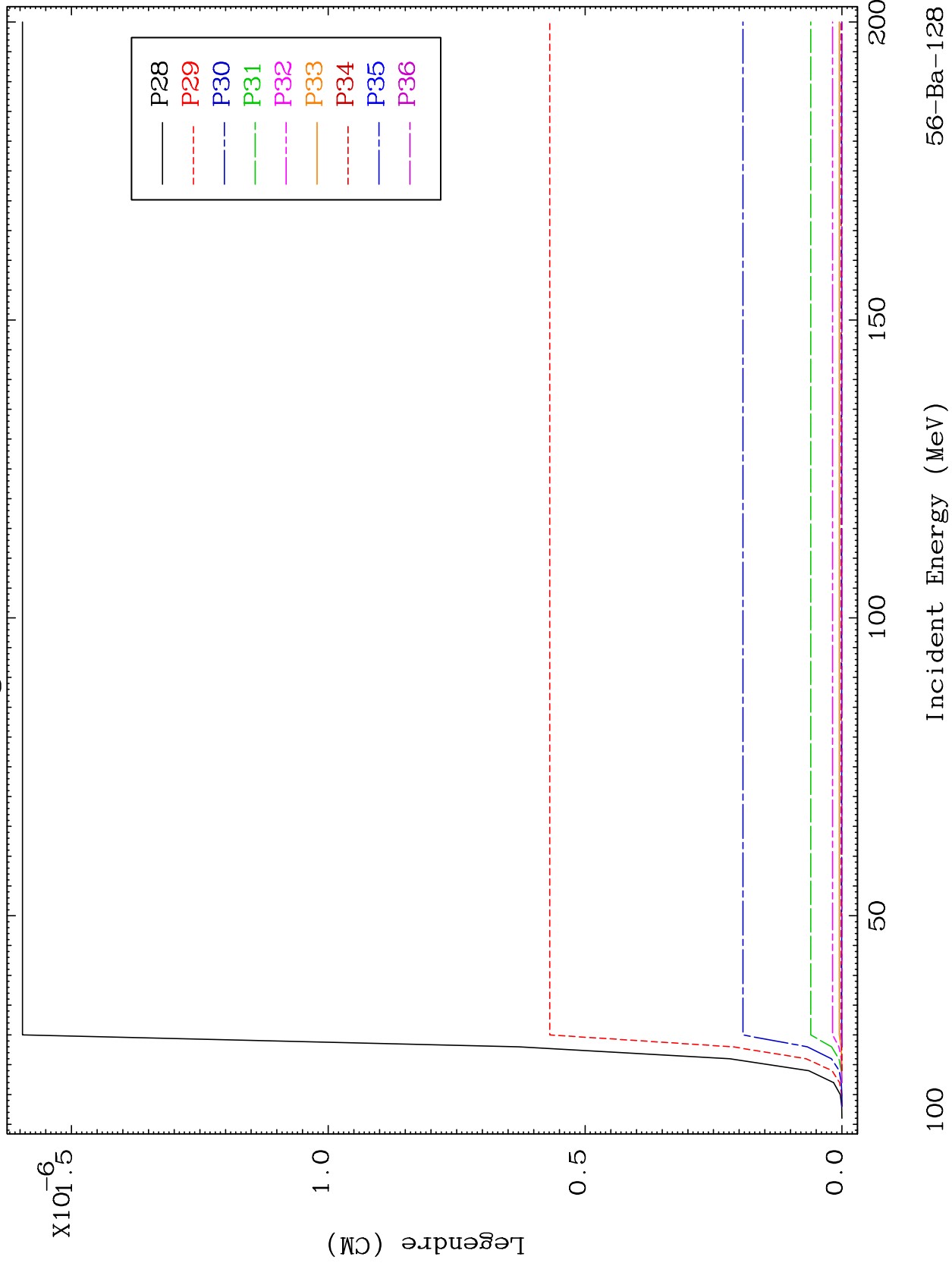
56-Ba-128



MAT 5619

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

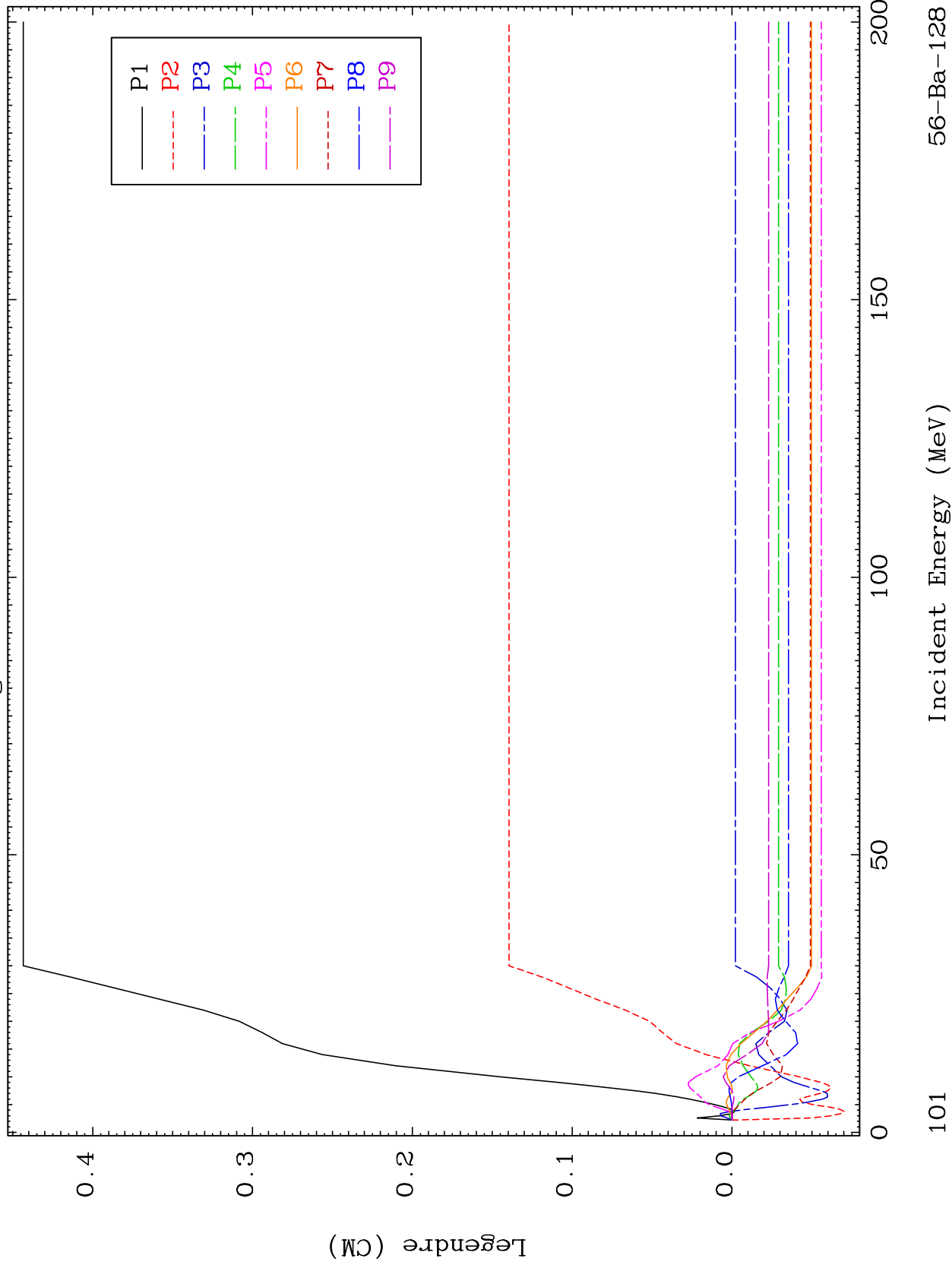
56-Ba-128



MAT 5619

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

56-Ba-128



56-Ba-128

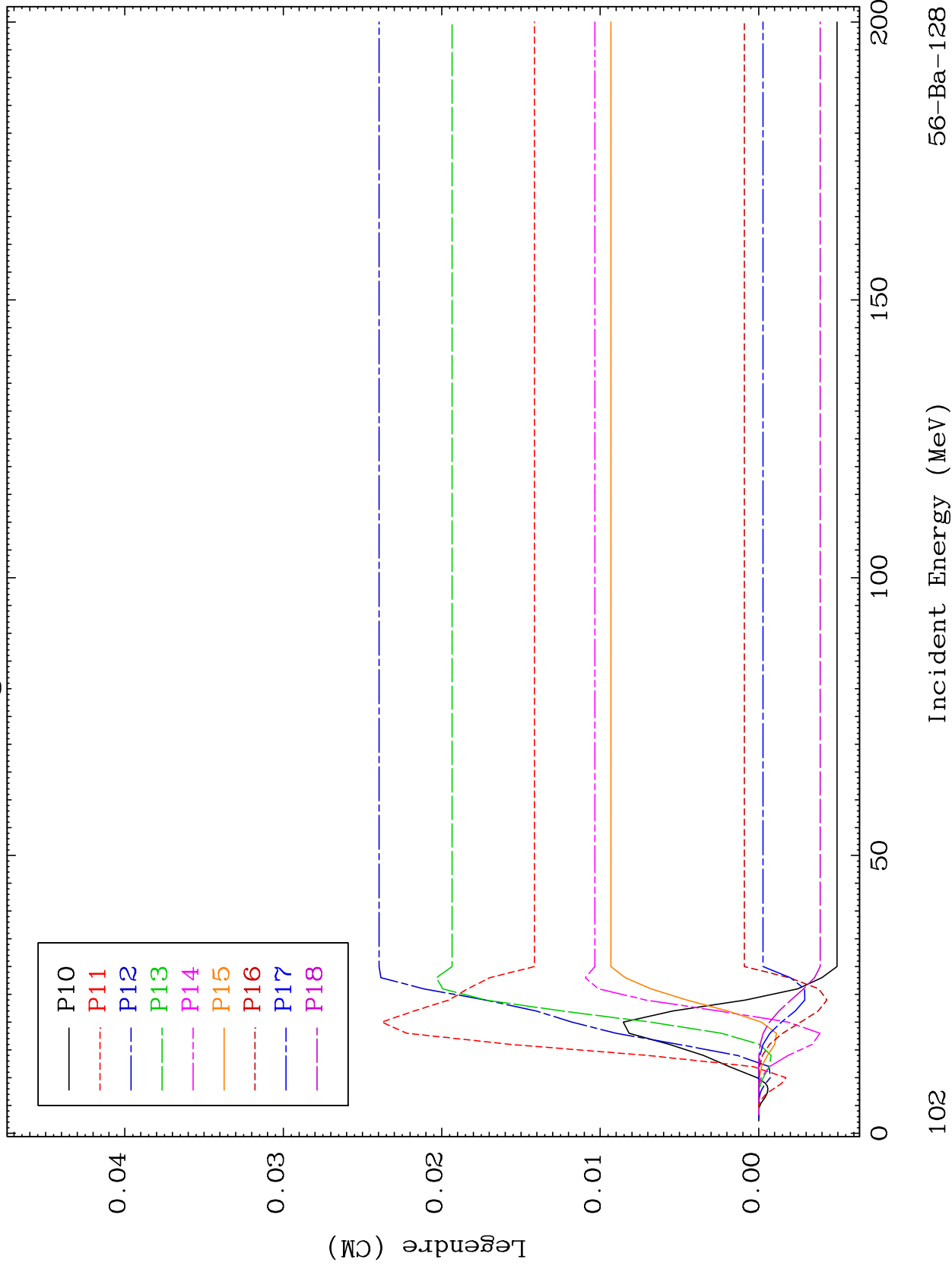
Incident Energy (MeV)

101

MAT 5619

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

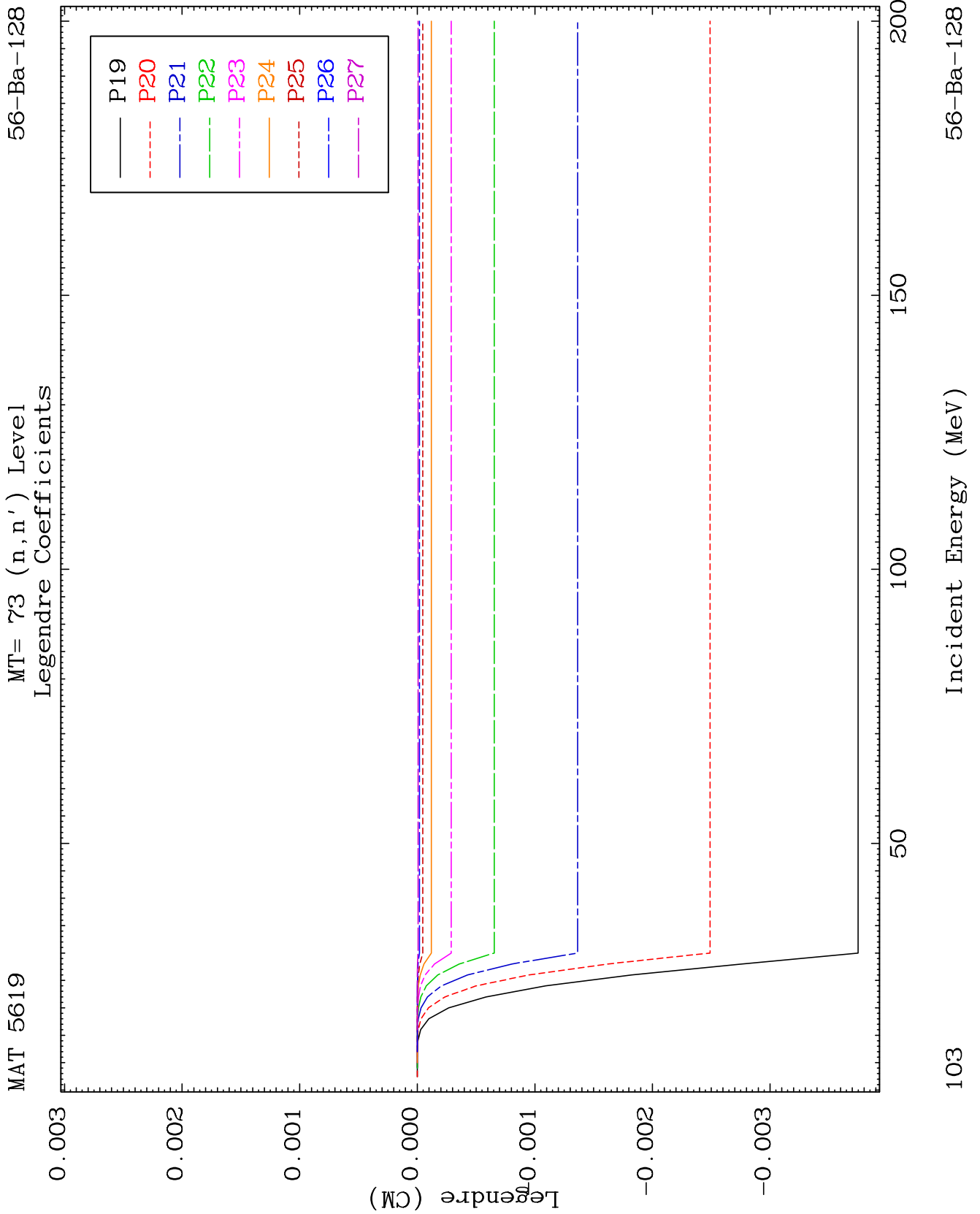
56-Ba-128

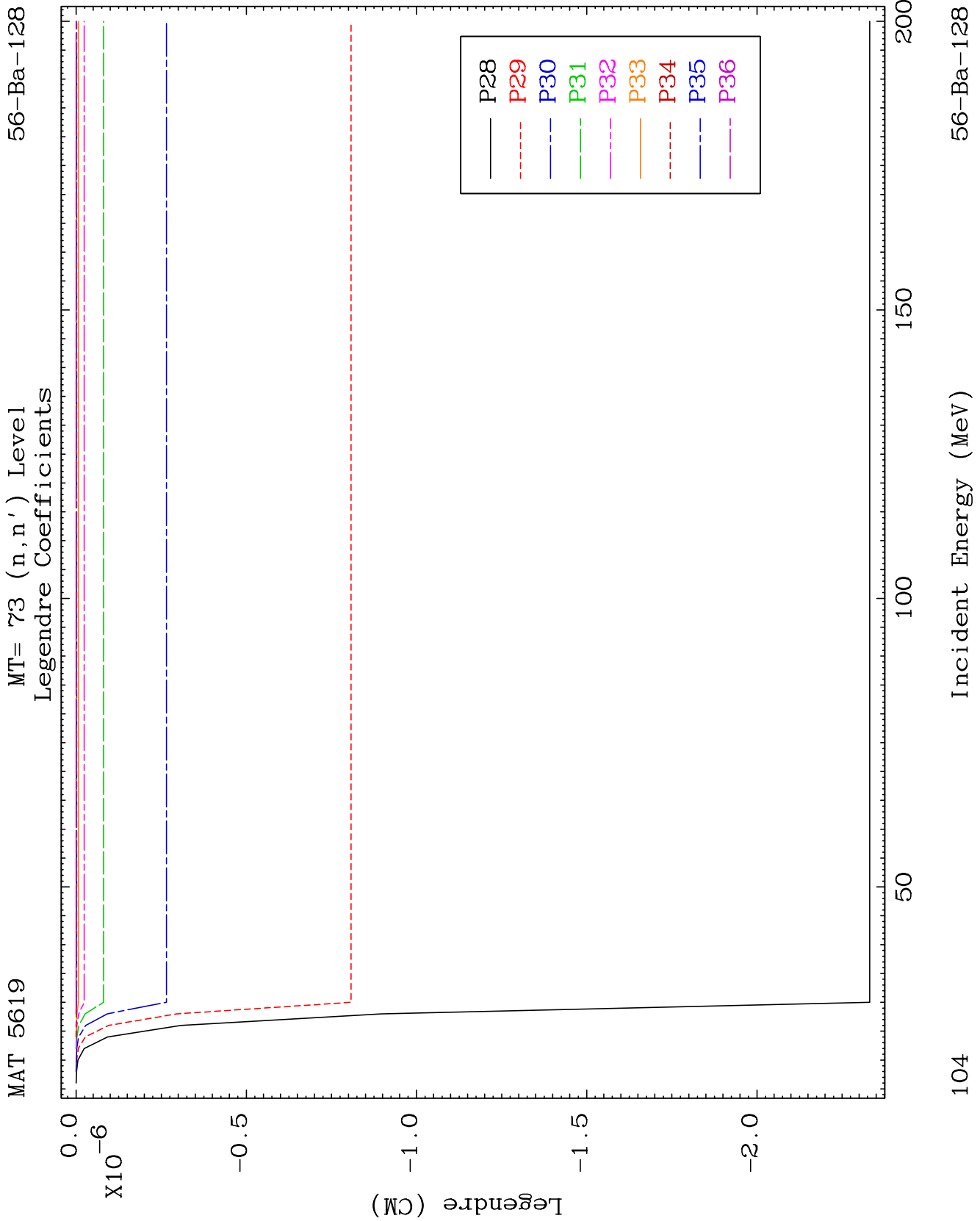


56-Ba-128

Incident Energy (MeV)

102

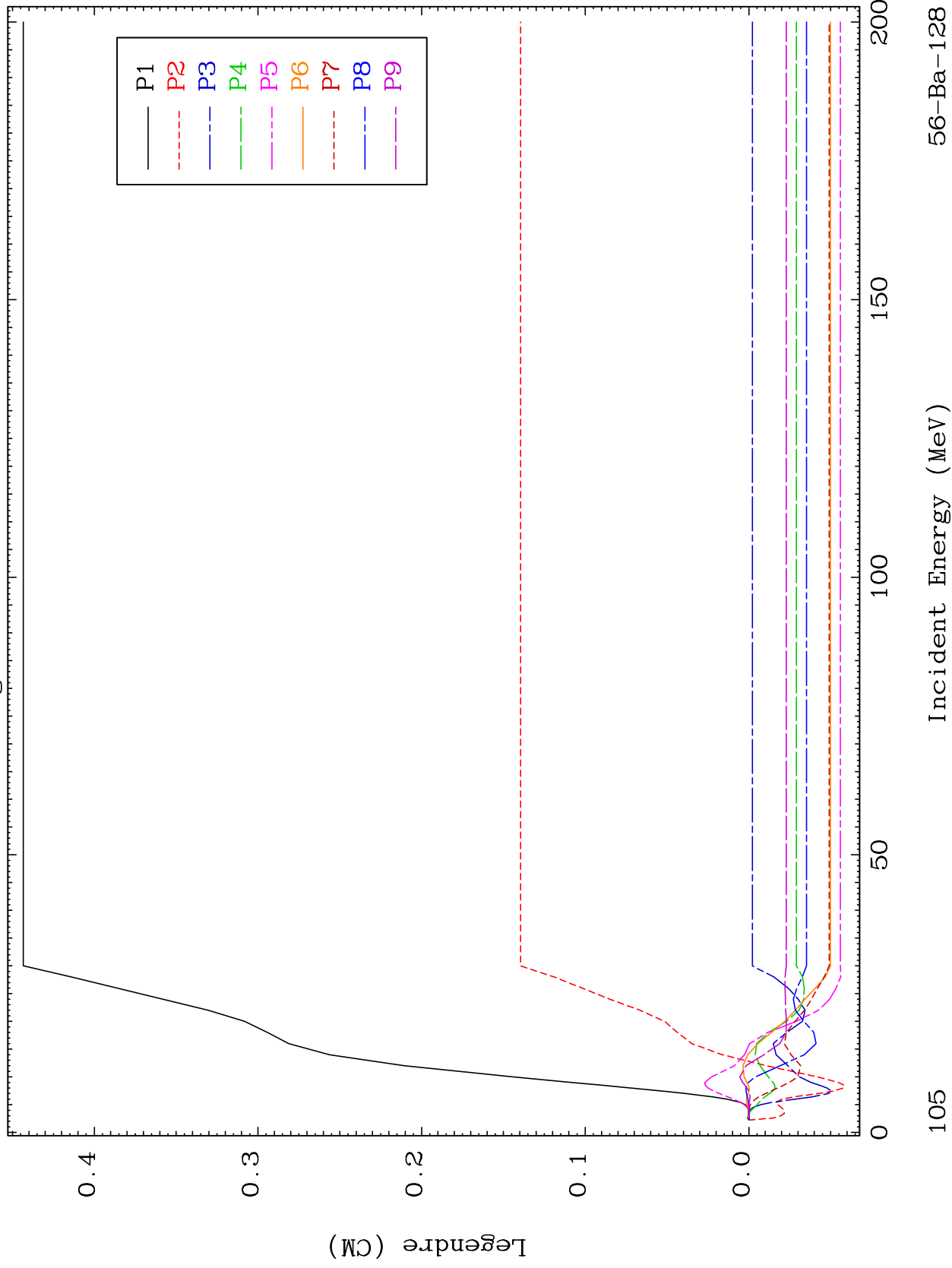




MAT 5619

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

56-Ba-128



56-Ba-128

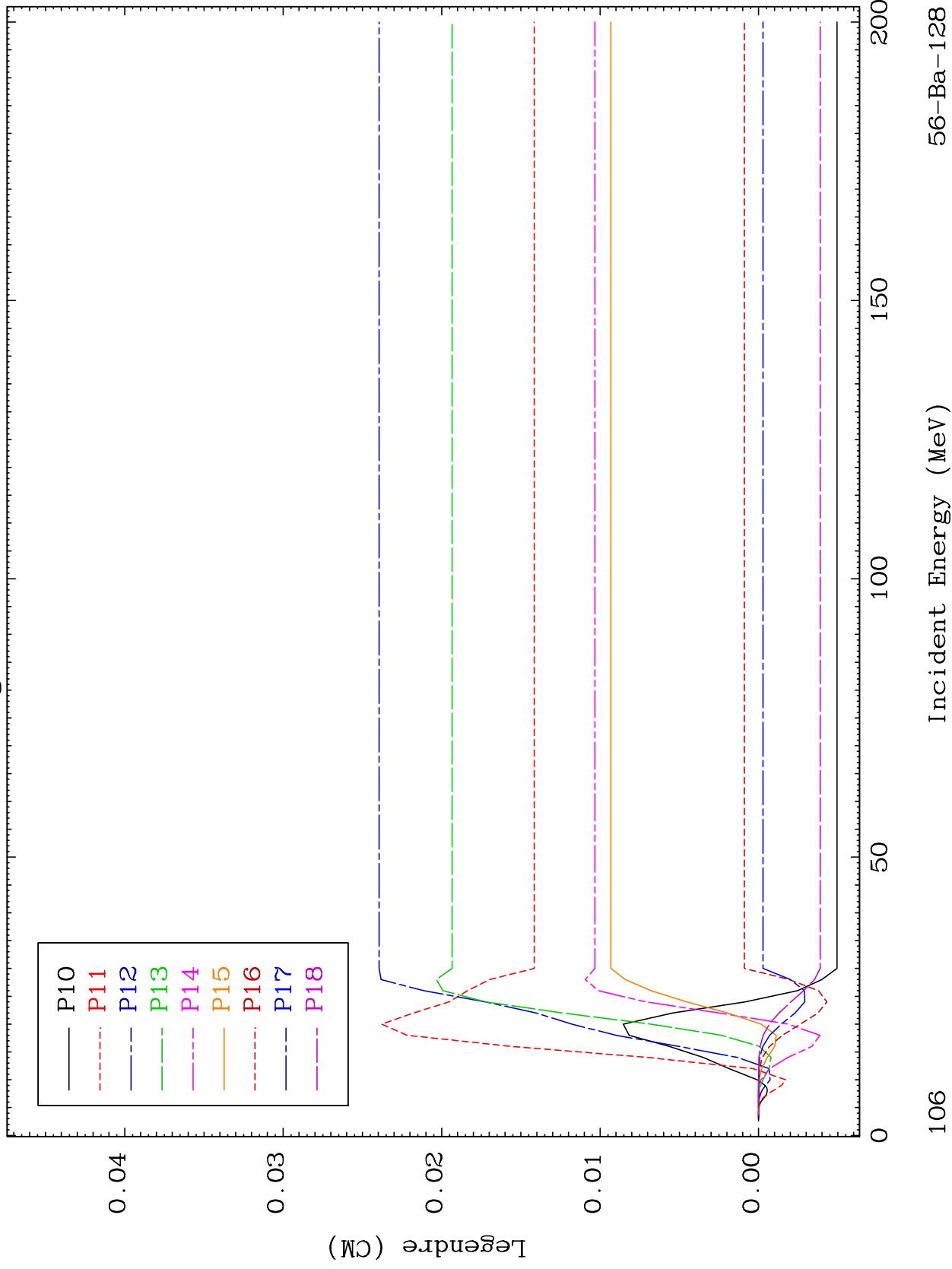
Incident Energy (MeV)

105

MAT 5619

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

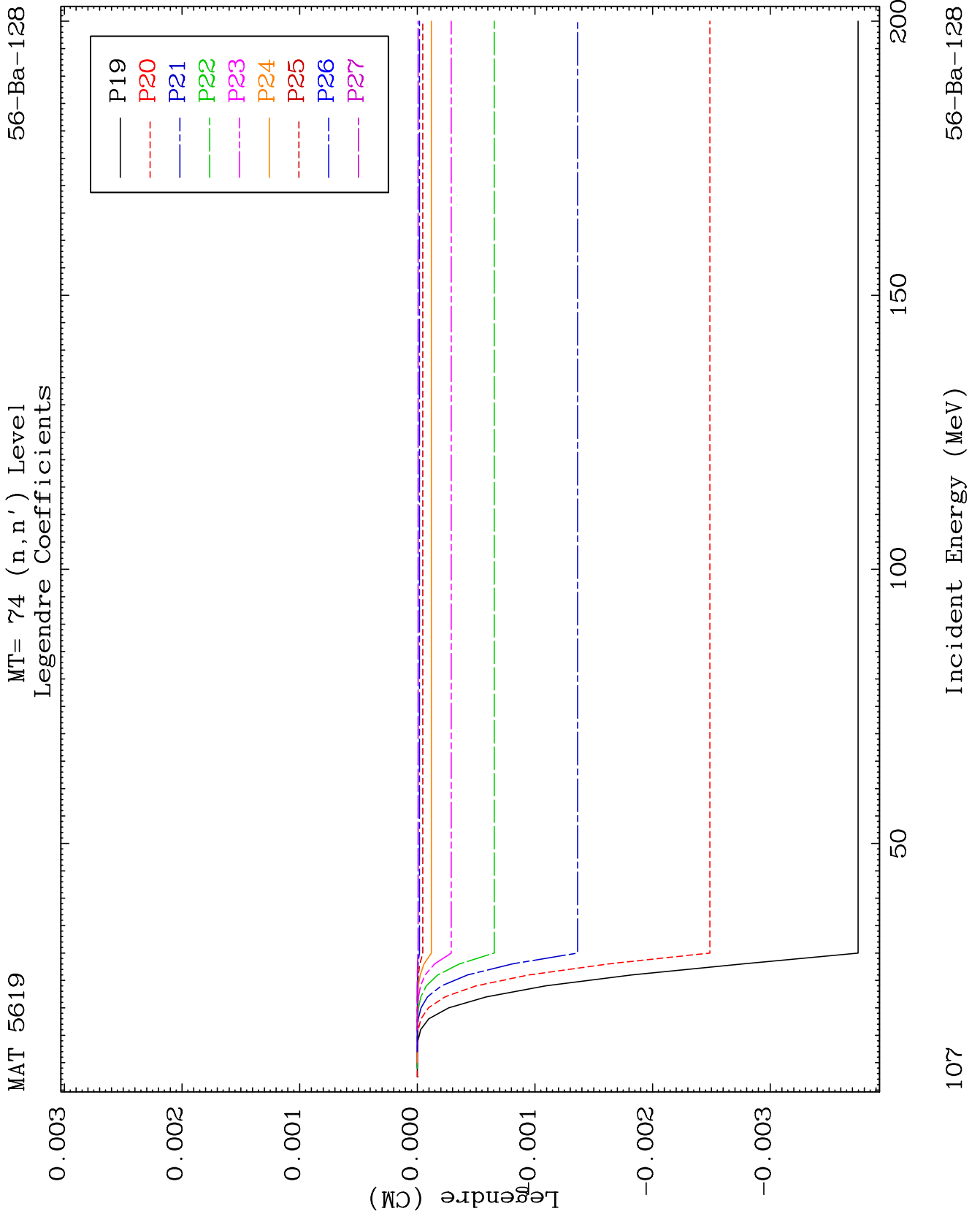
56-Ba-128

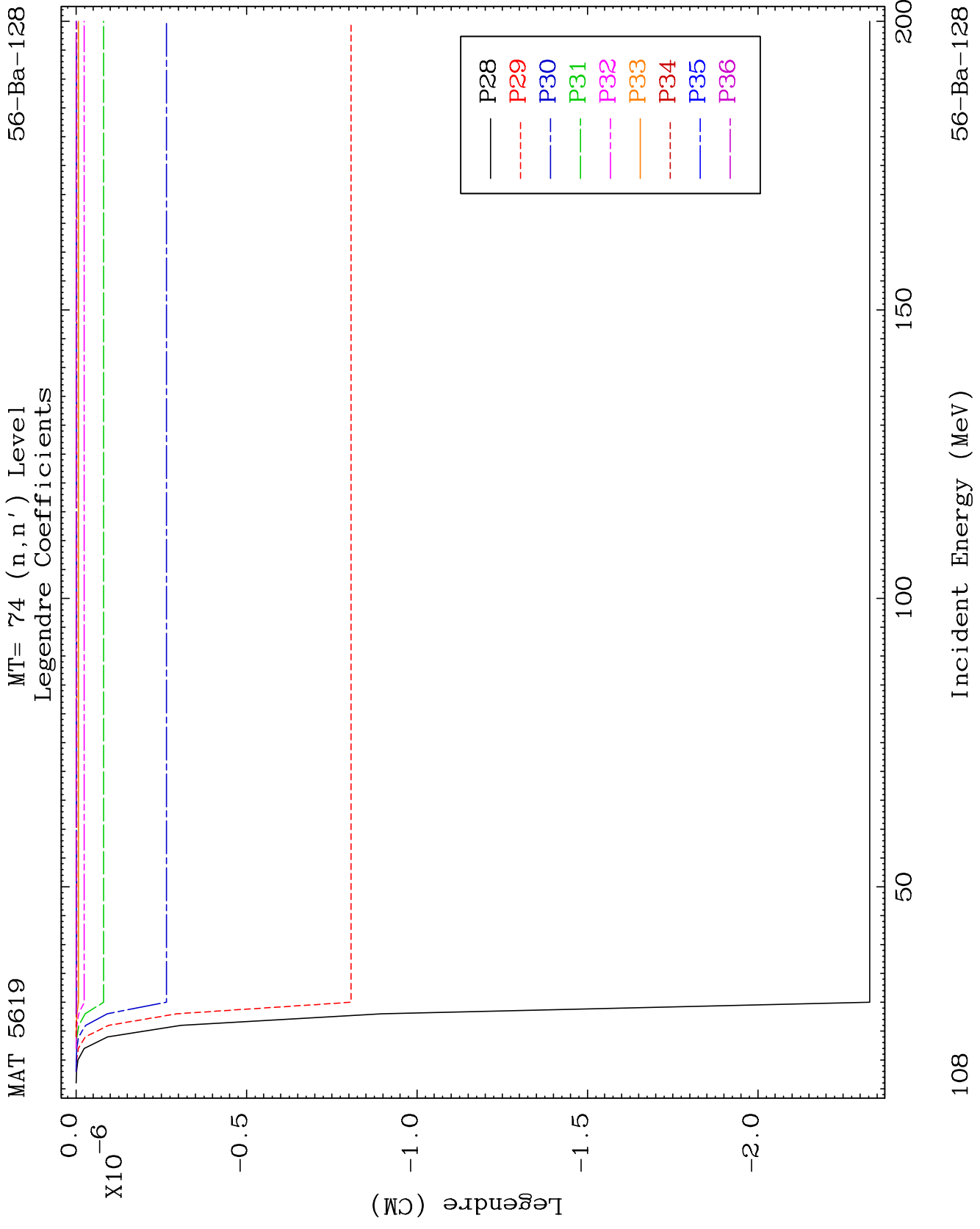


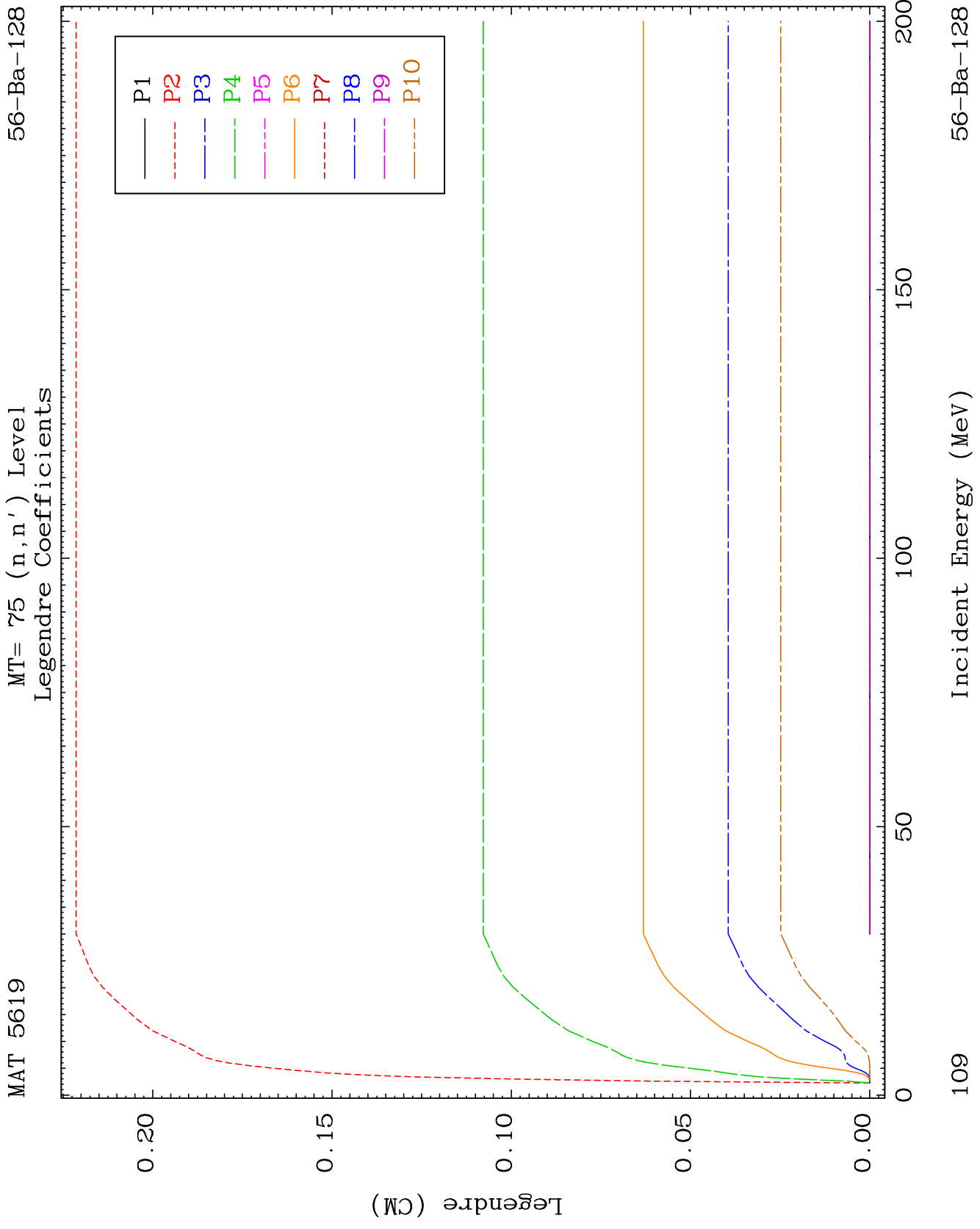
56-Ba-128

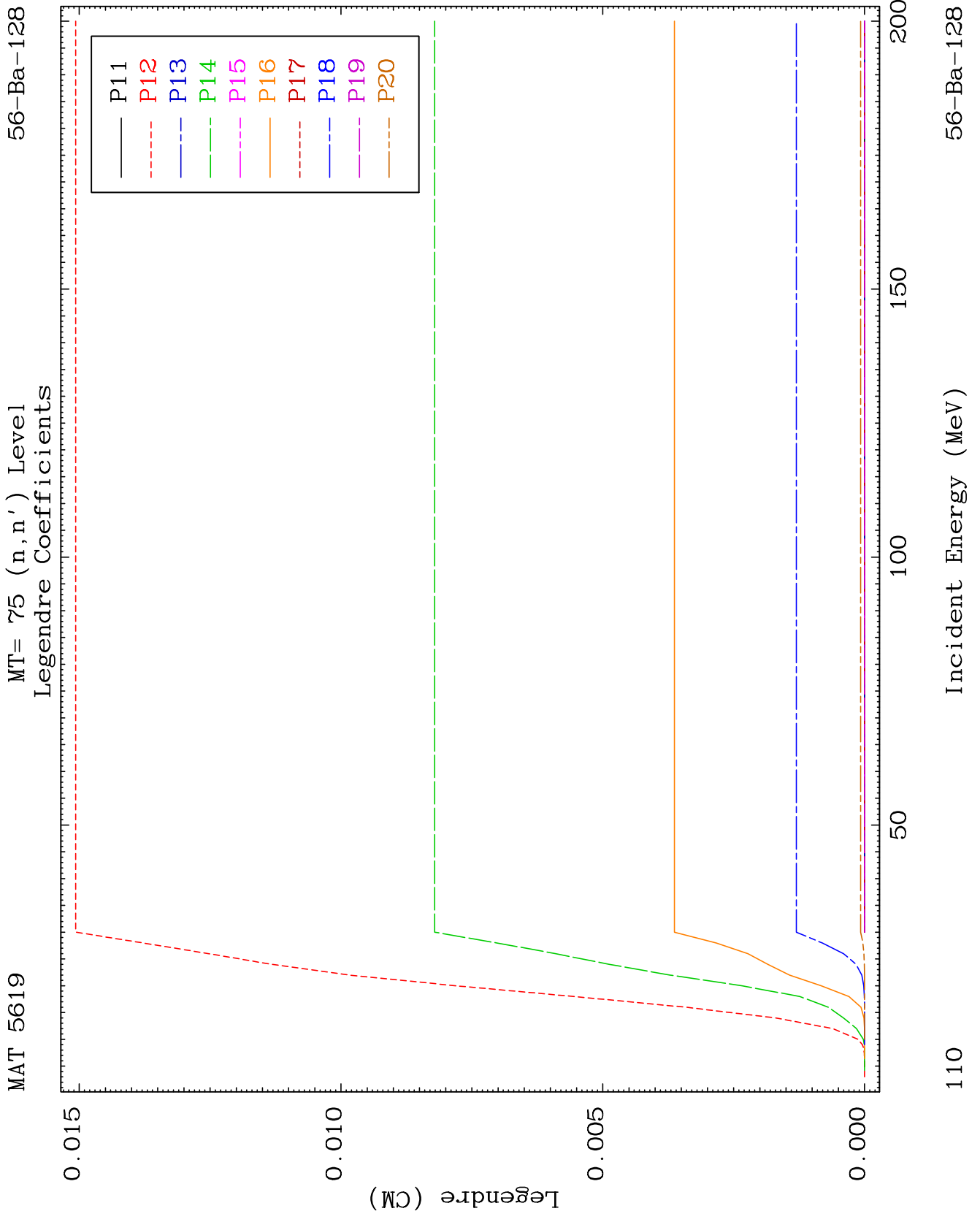
Incident Energy (MeV)

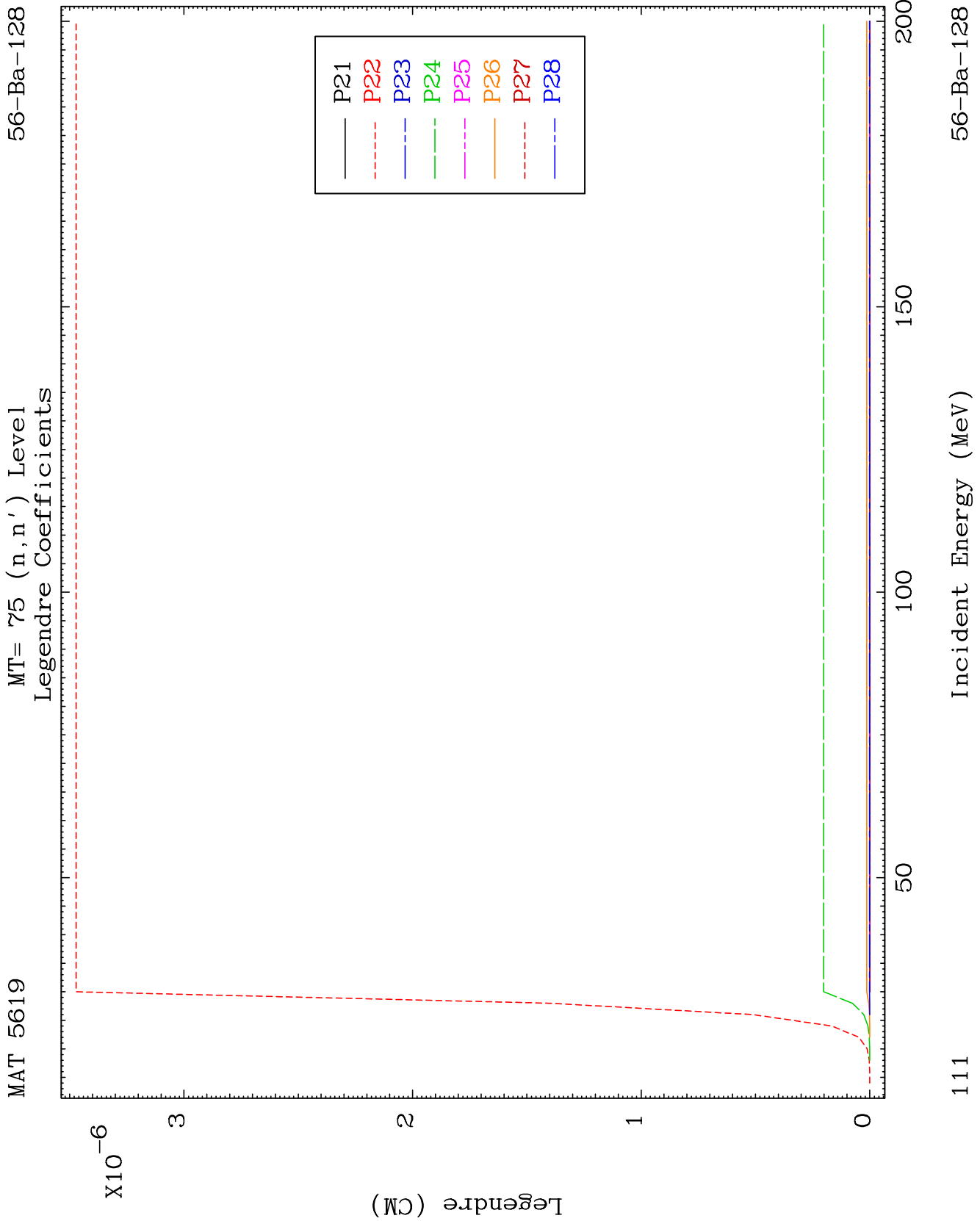
106







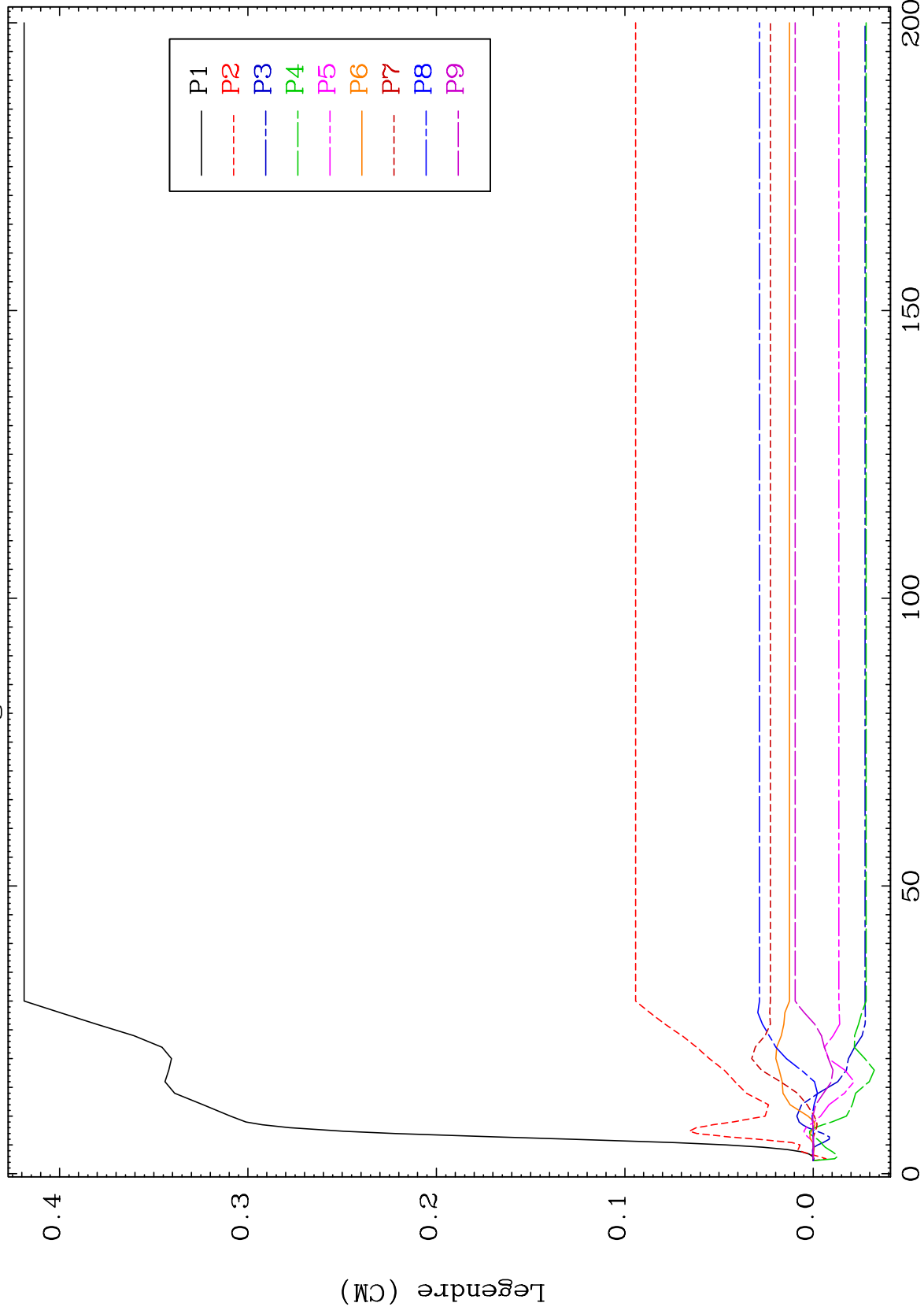




MAT 5619

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

56-Ba-128



56-Ba-128

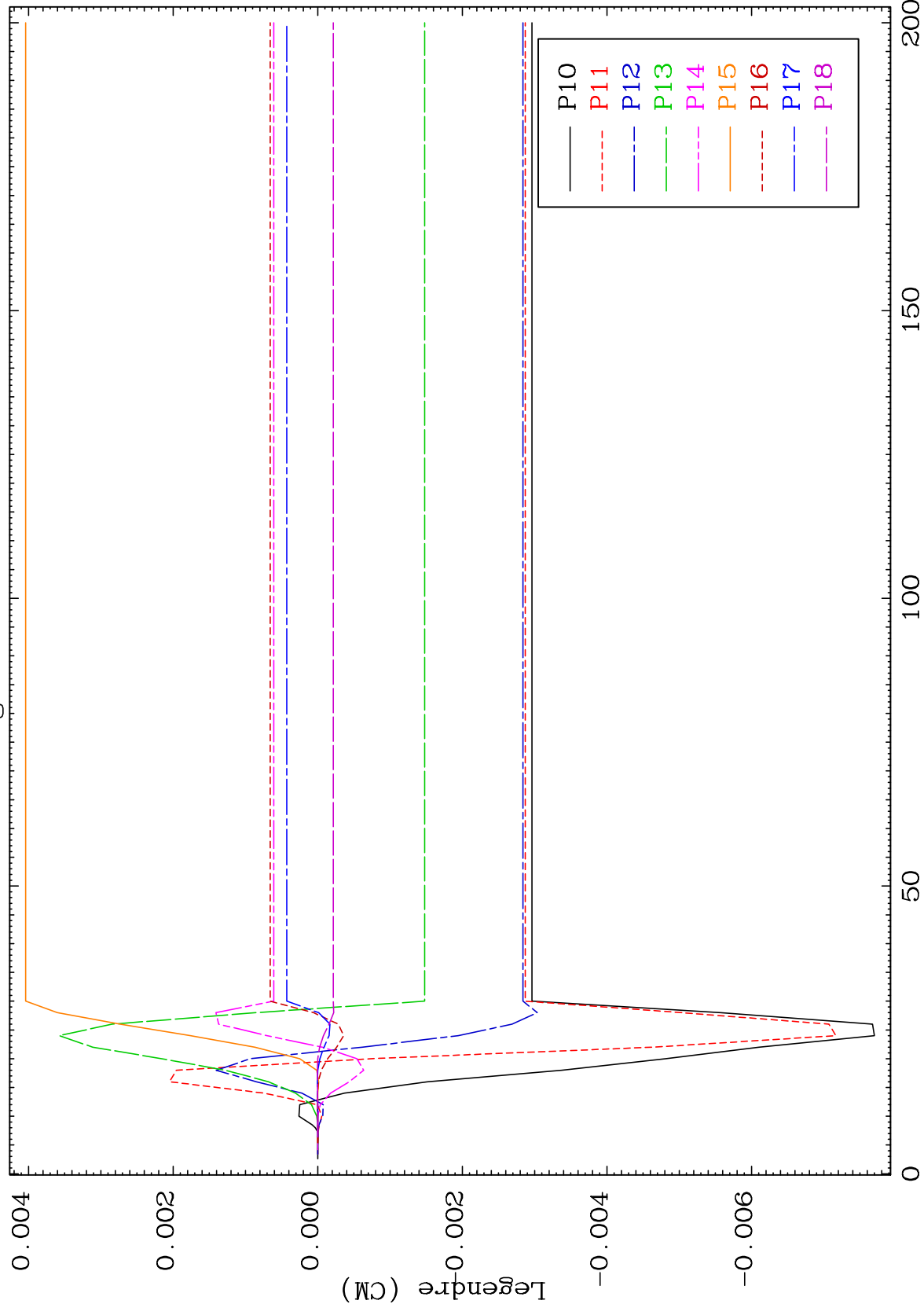
Incident Energy (MeV)

112

MAT 5619

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

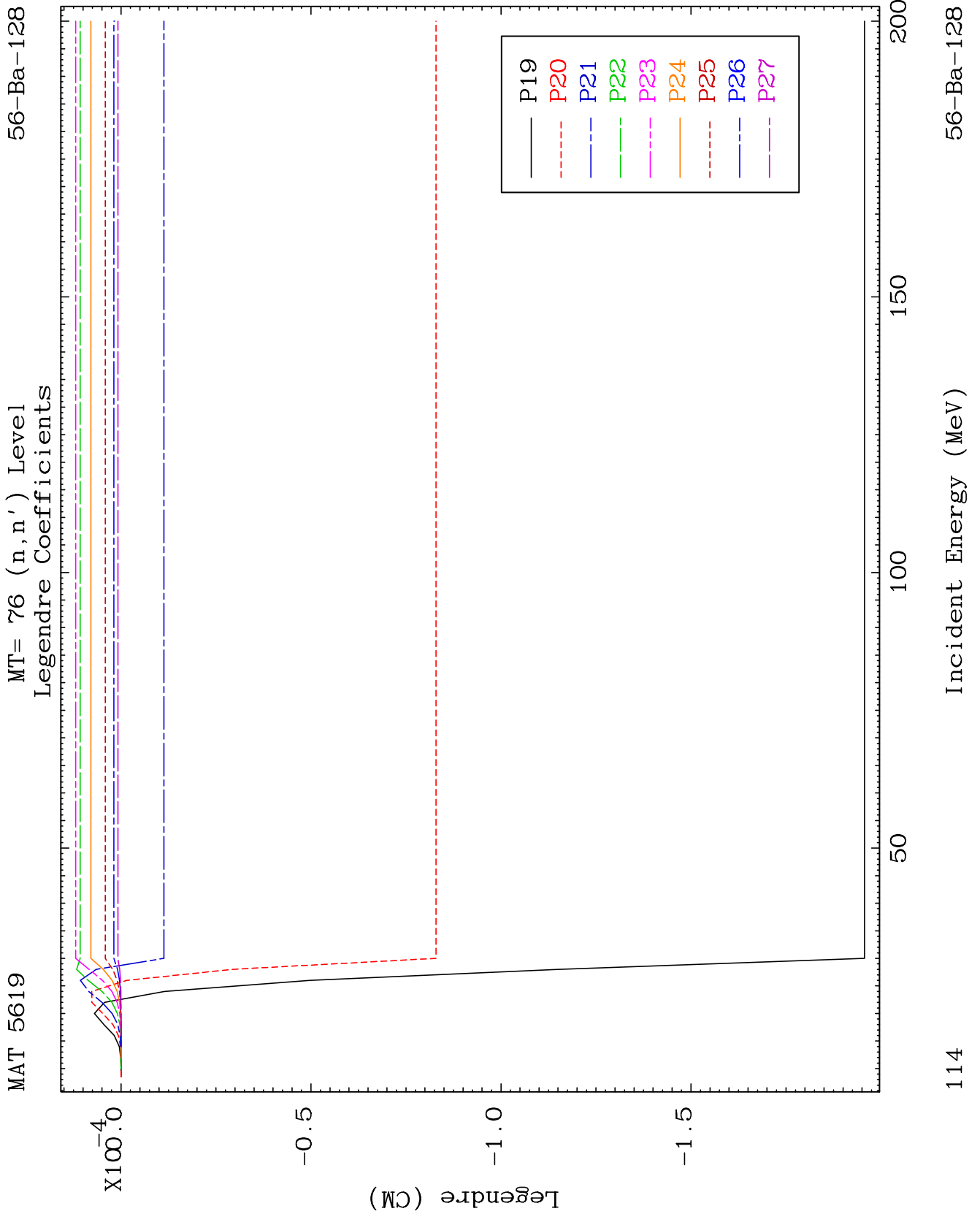
56-Ba-128



113

Incident Energy (MeV)

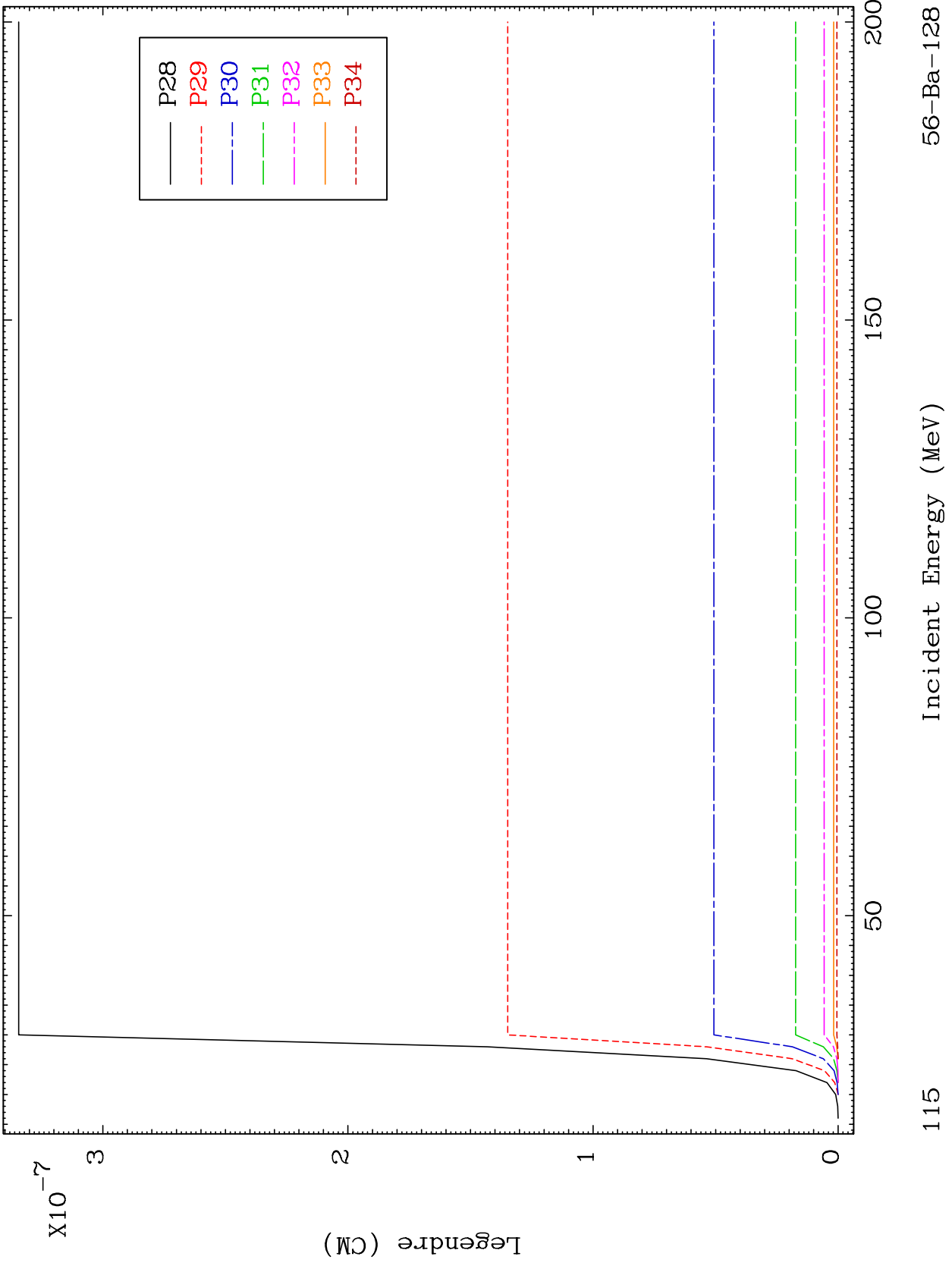
56-Ba-128



MAT 5619

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

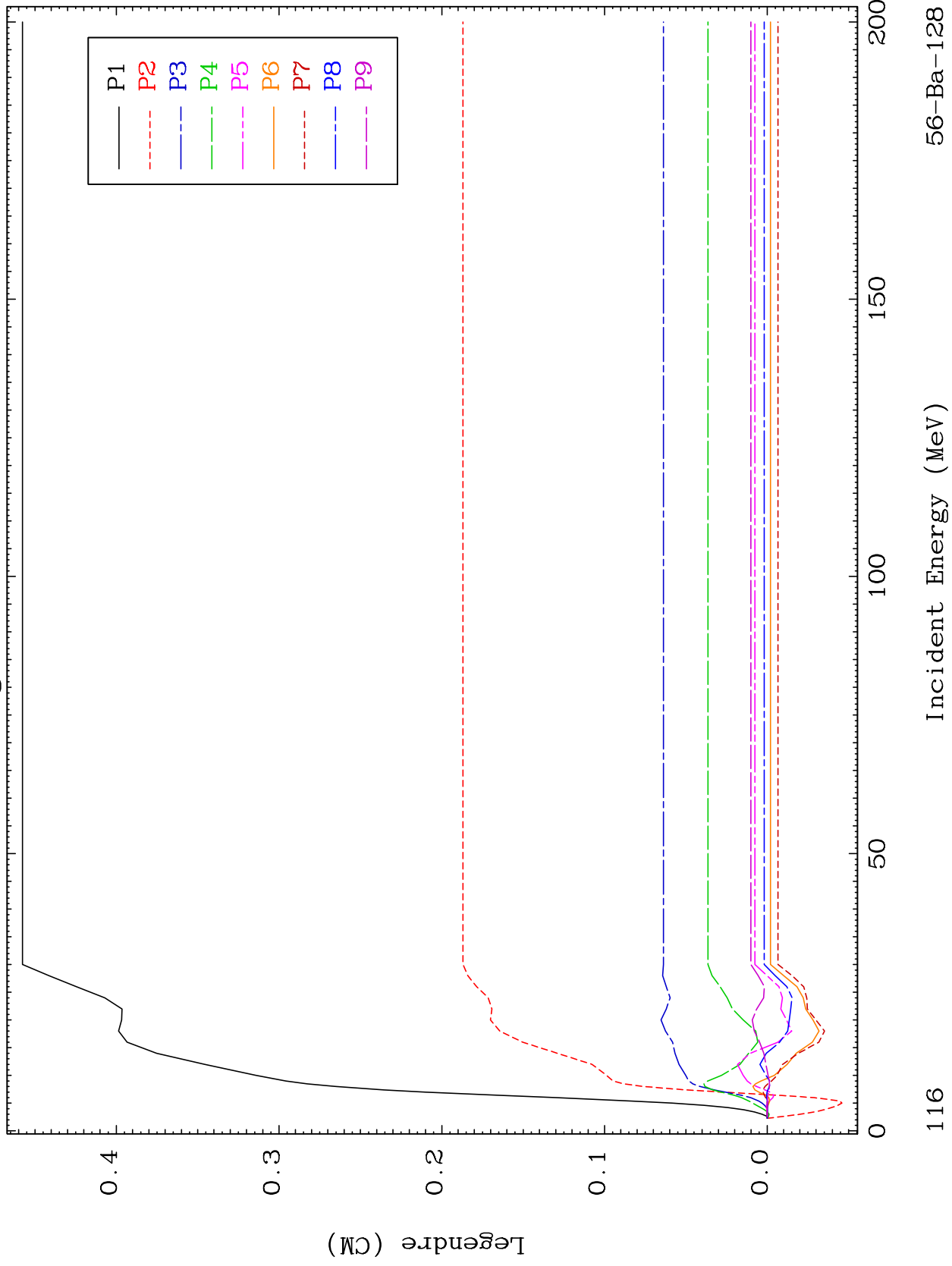
56-Ba-128



MAT 5619

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

56-Ba-128



56-Ba-128

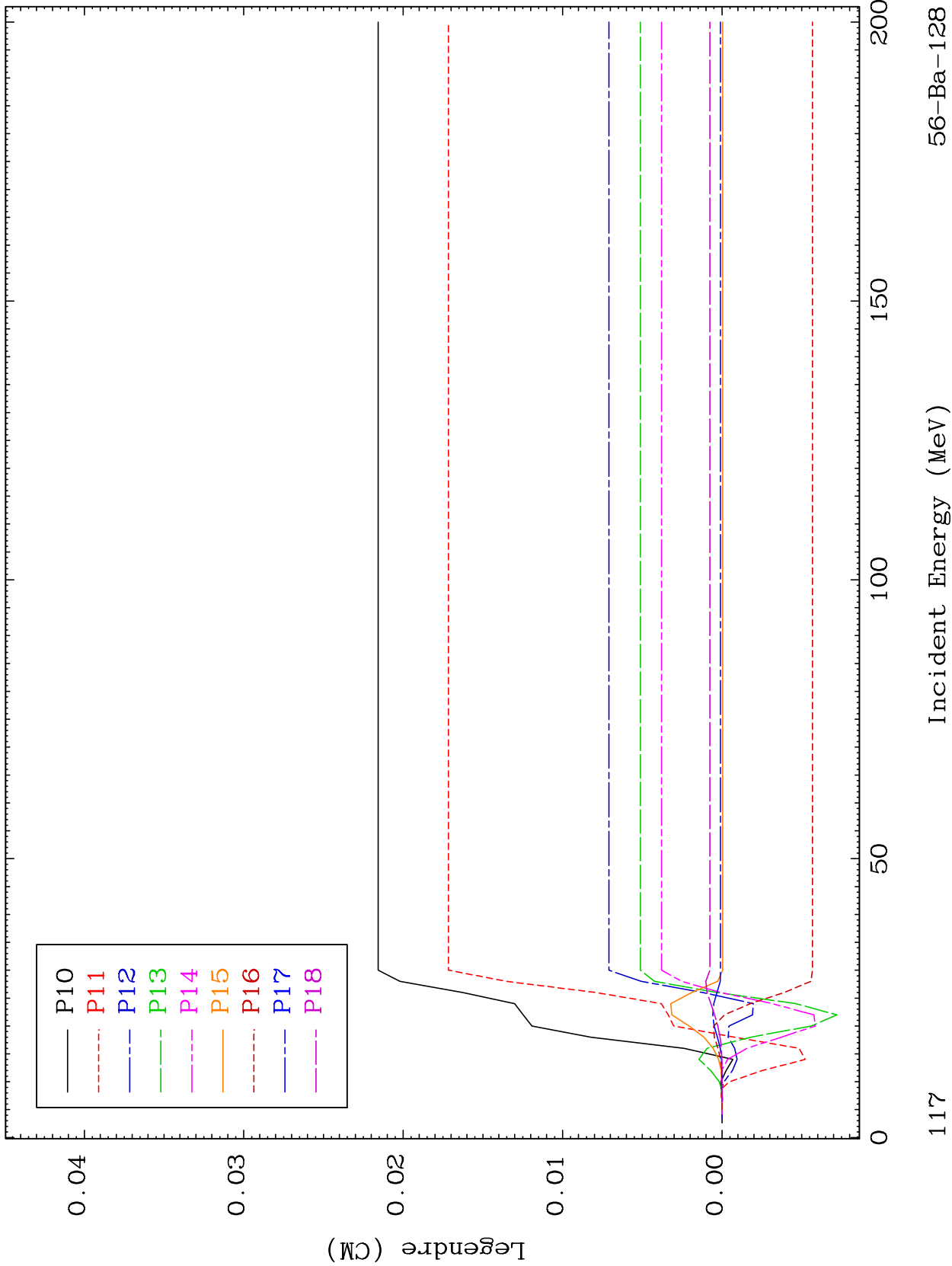
Incident Energy (MeV)

116

MAT 5619

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

56-Ba-128



117

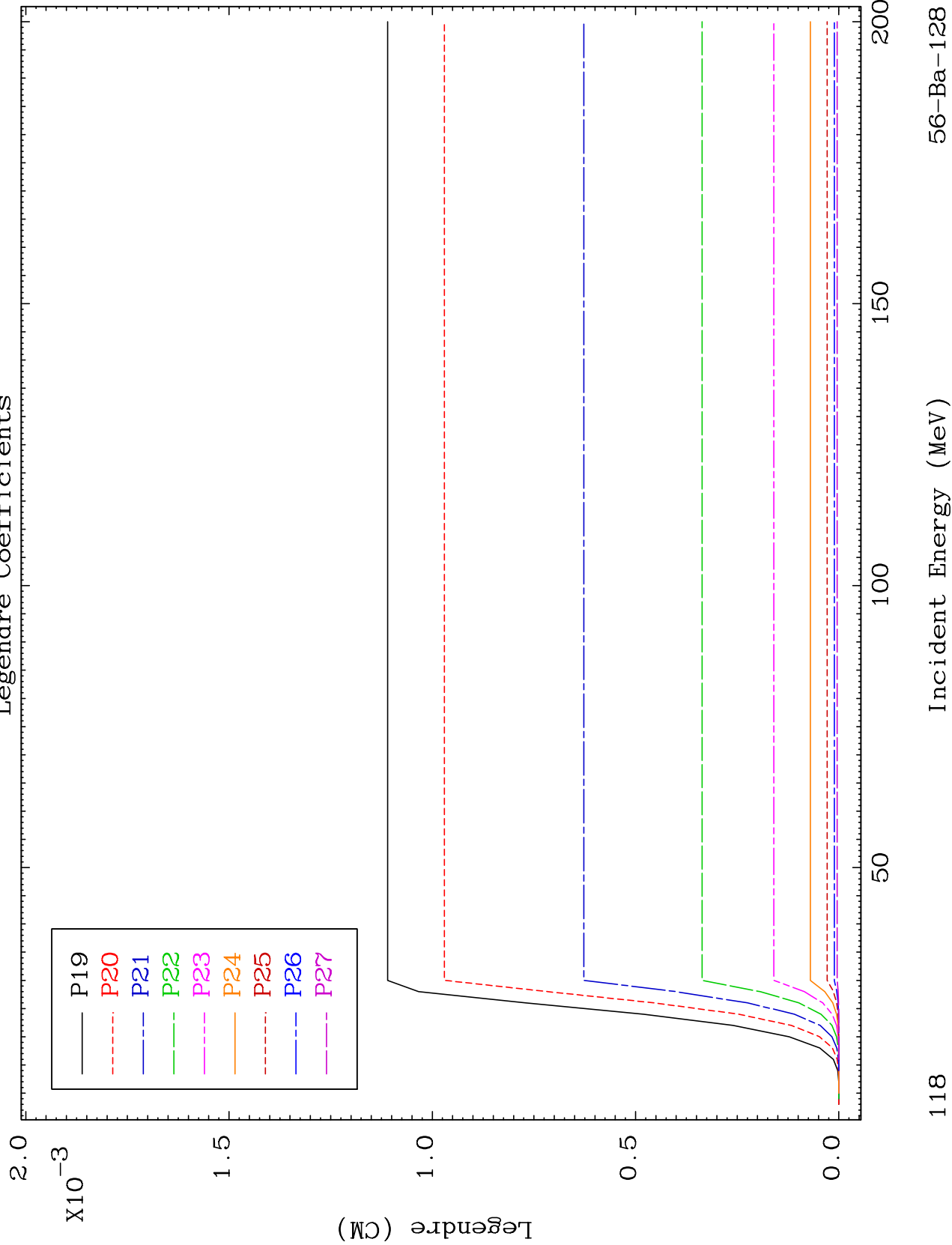
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

56-Ba-128



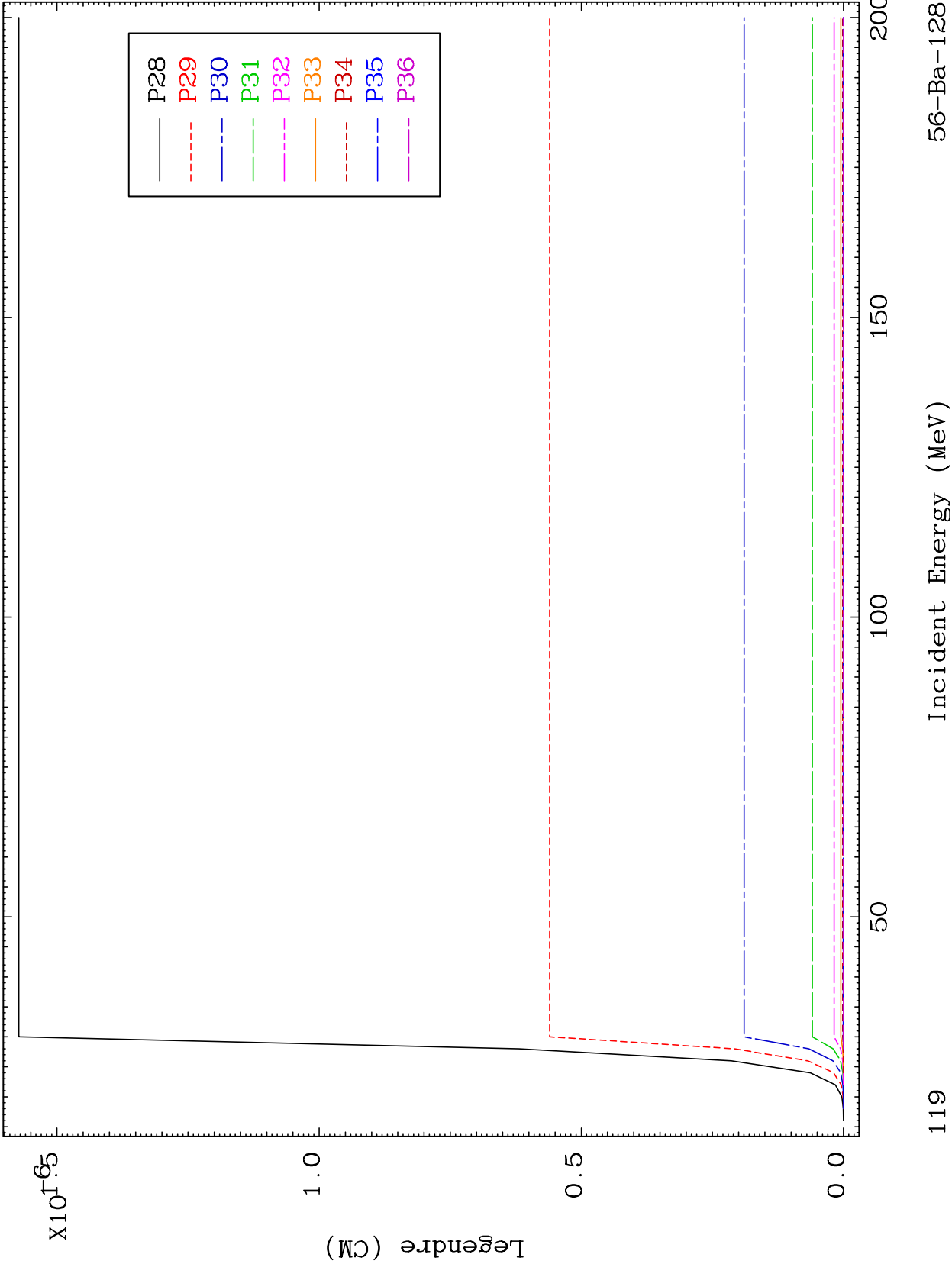
118

56-Ba-128

MAT 5619

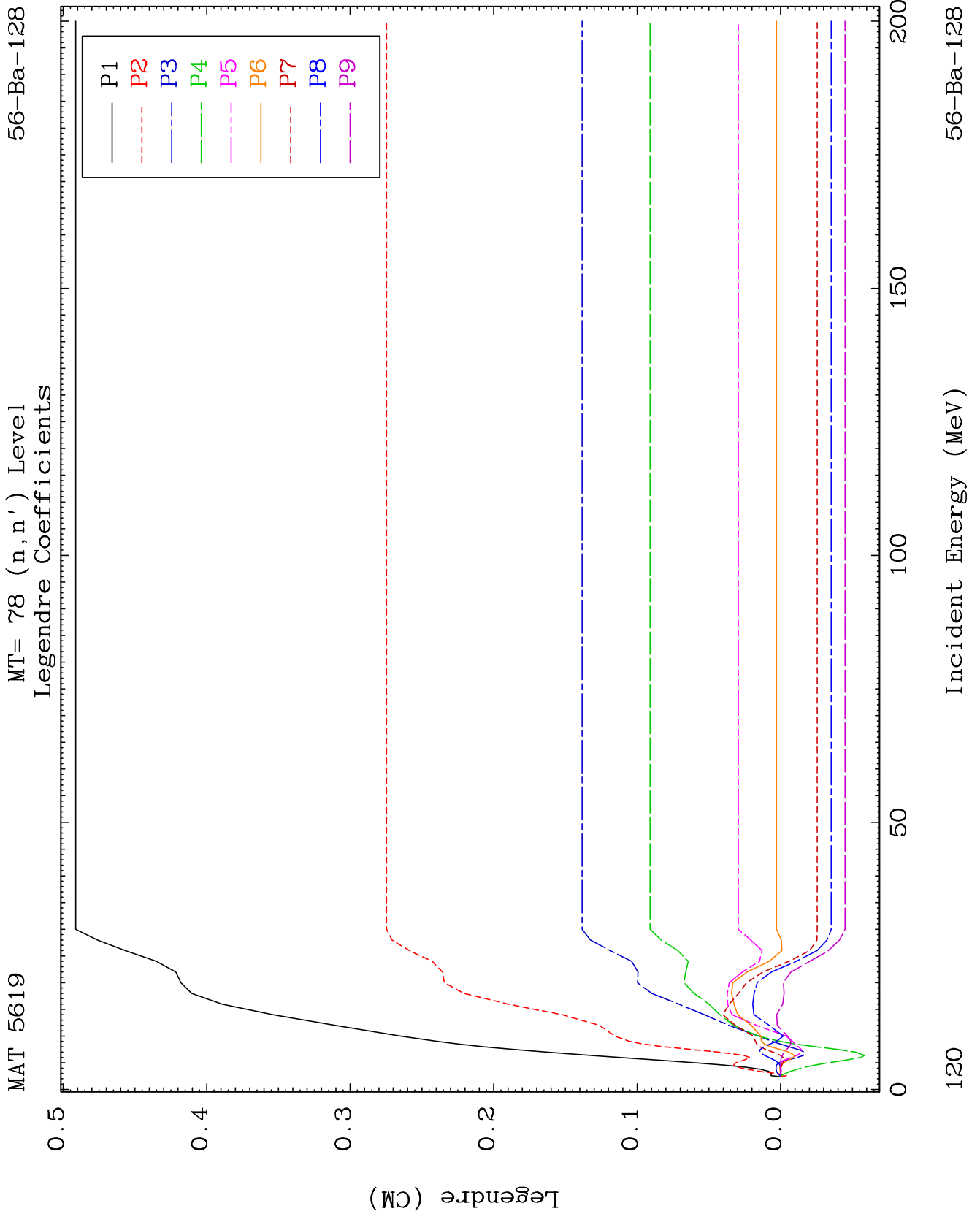
MT= 77 (n,n') Level
Legendre Coefficients

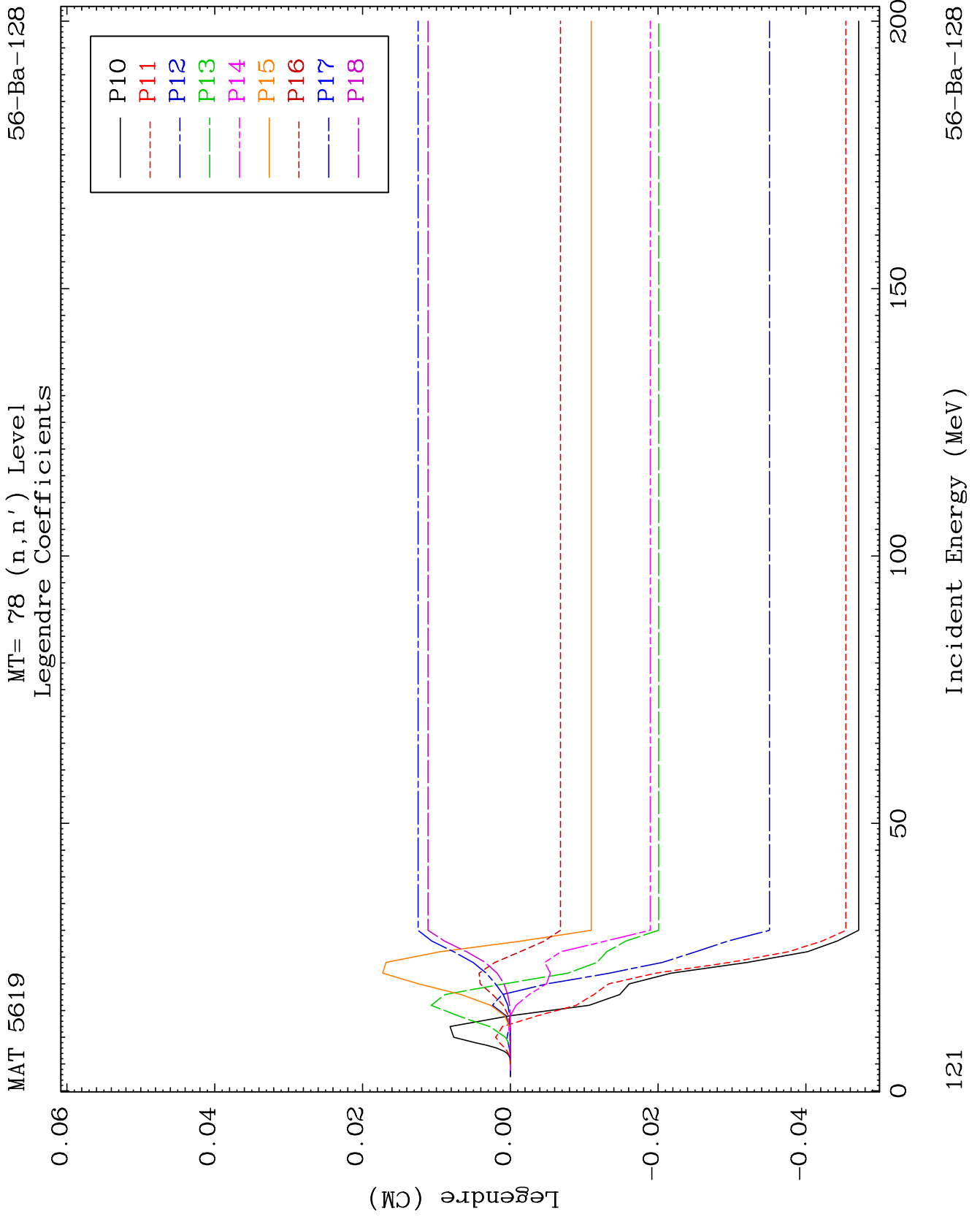
56-Ba-128



119

56-Ba-128

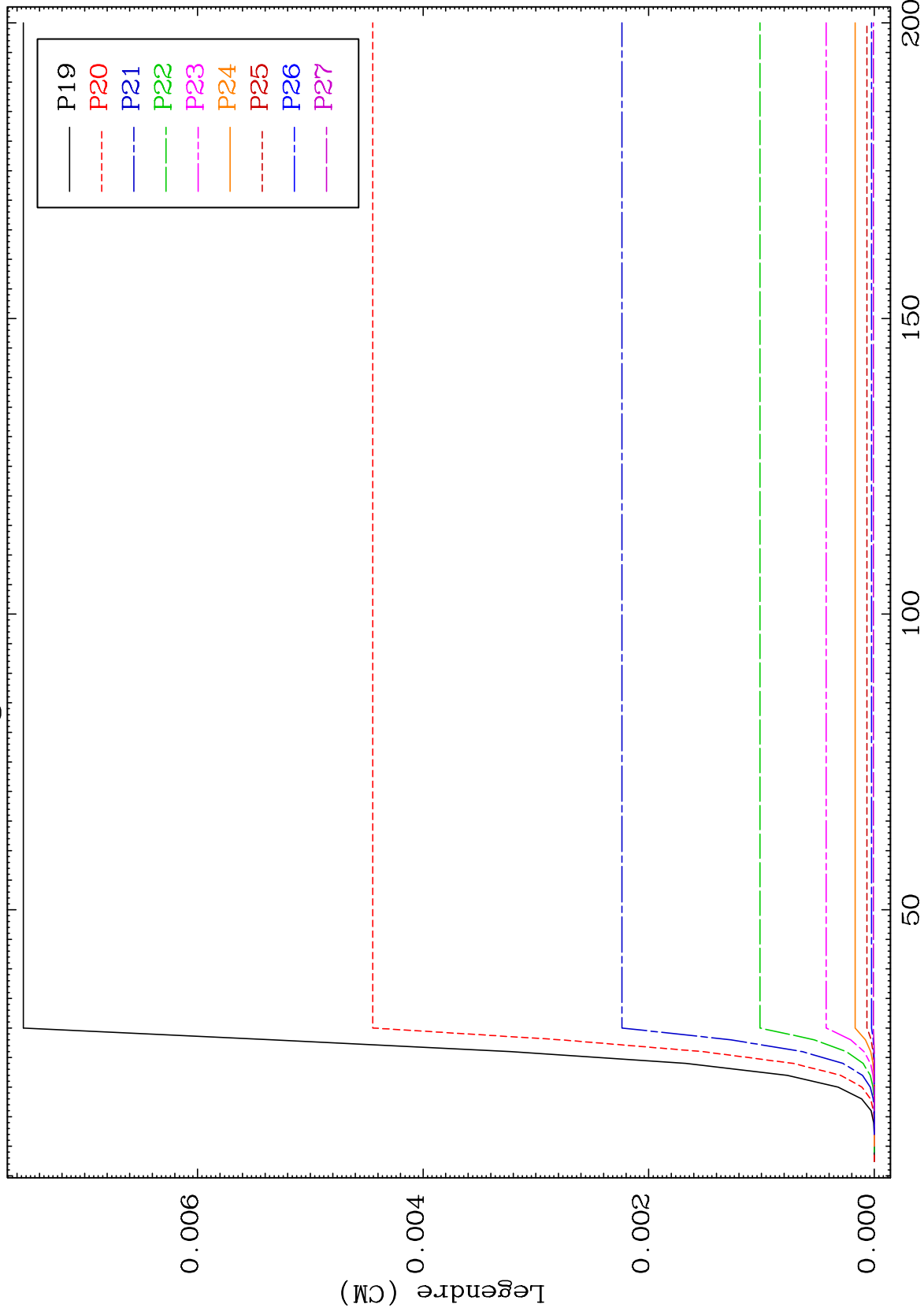




MAT 5619

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

56-Ba-128



122

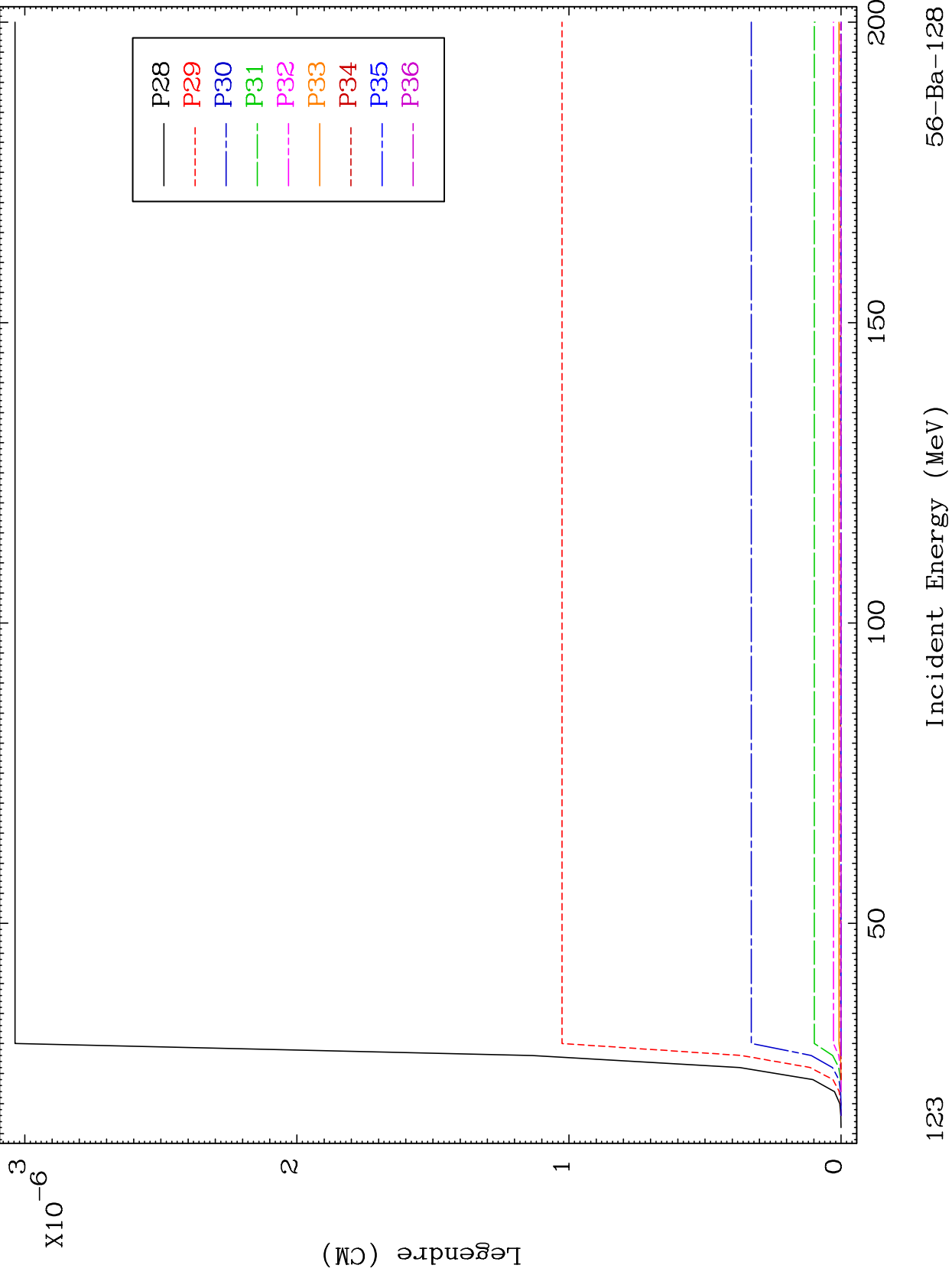
Incident Energy (MeV)

56-Ba-128

MAT 5619

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

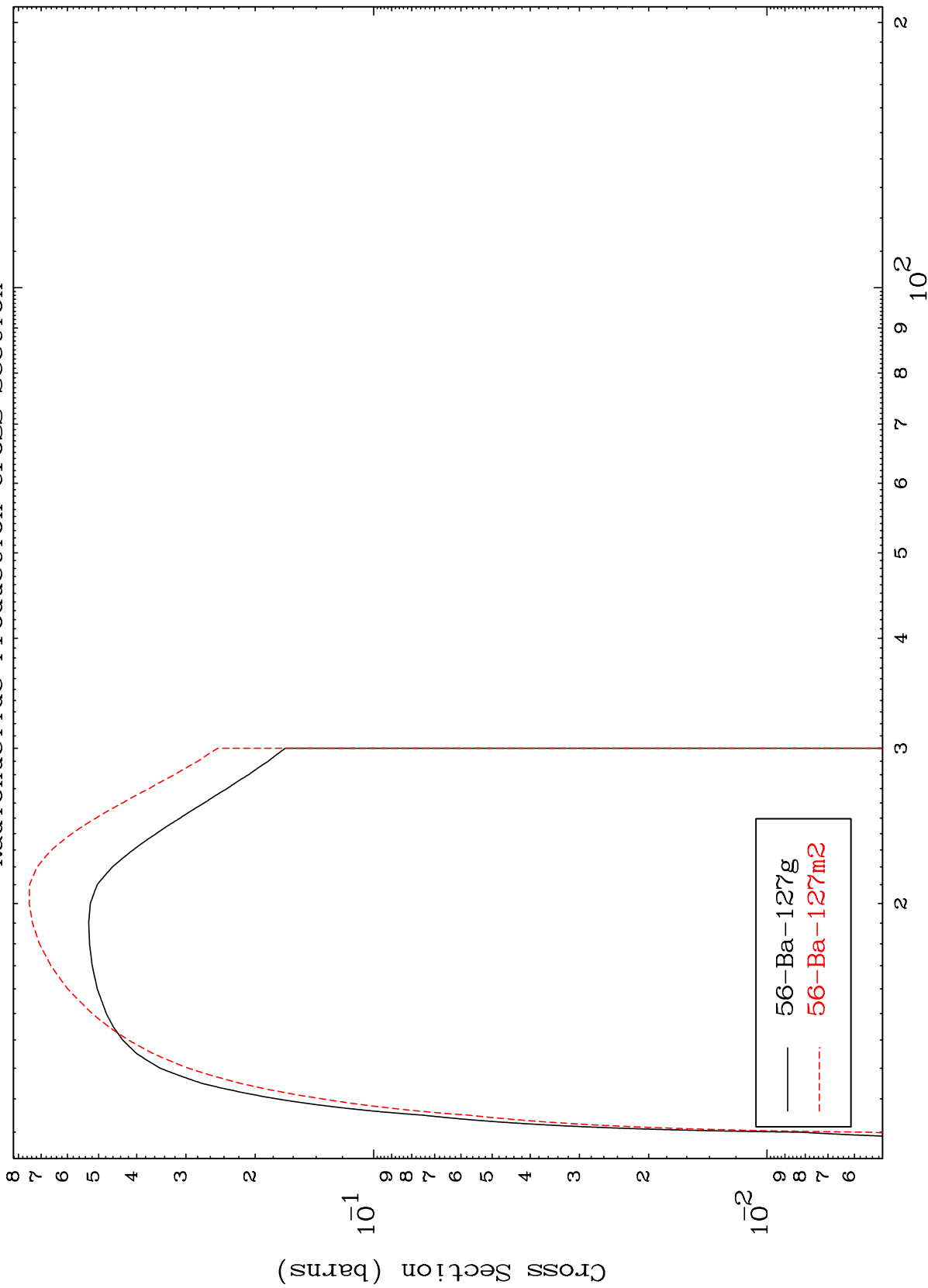
56-Ba-128



MAT 5619

56-Ba-128

(n,2n)
Radionuclide Production Cross Section



124

56-Ba-128

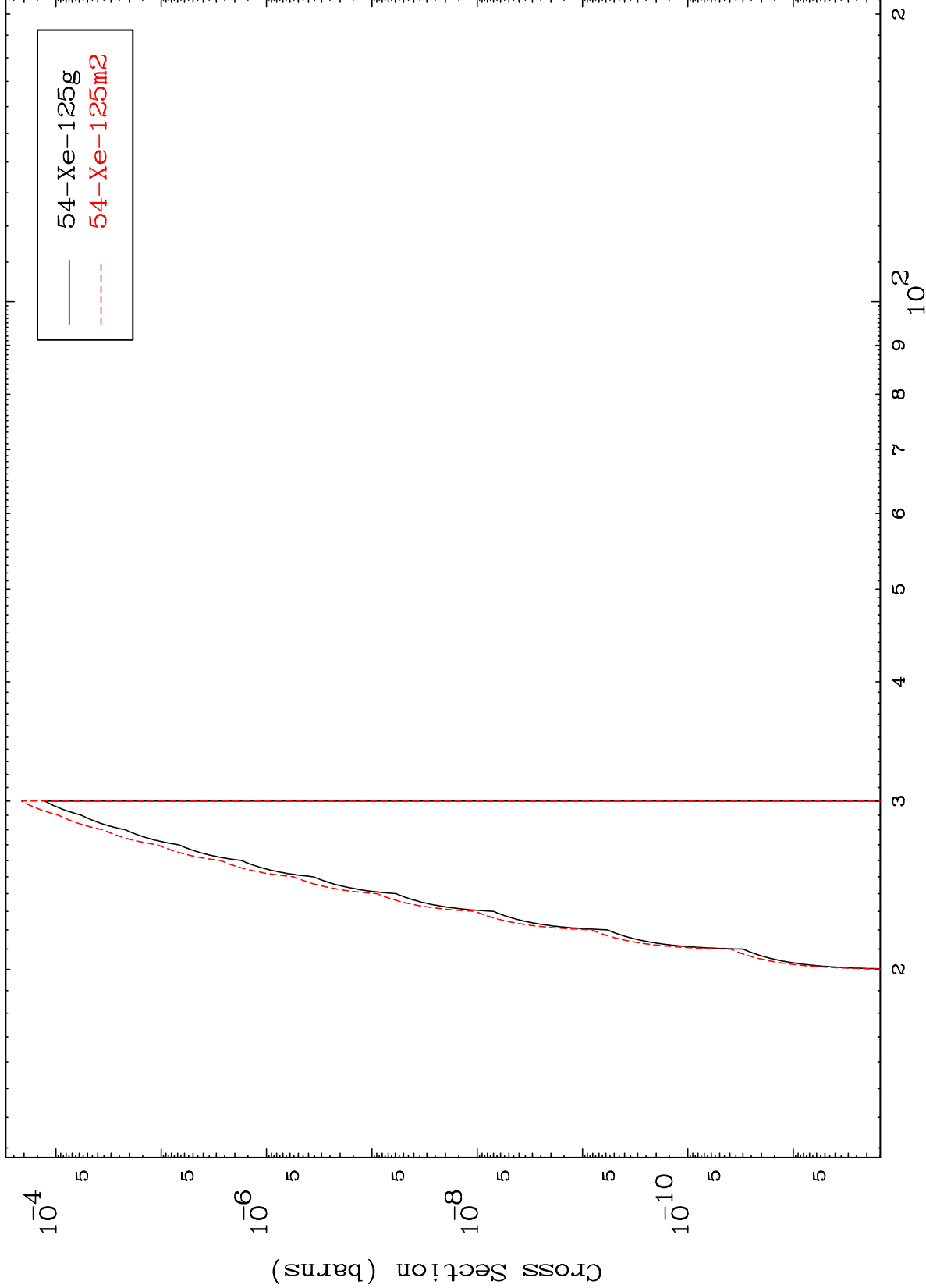
Incident Energy (MeV)

MAT 5619

(n,n') He-3

56-Ba-128

Radionuclide Production Cross Section



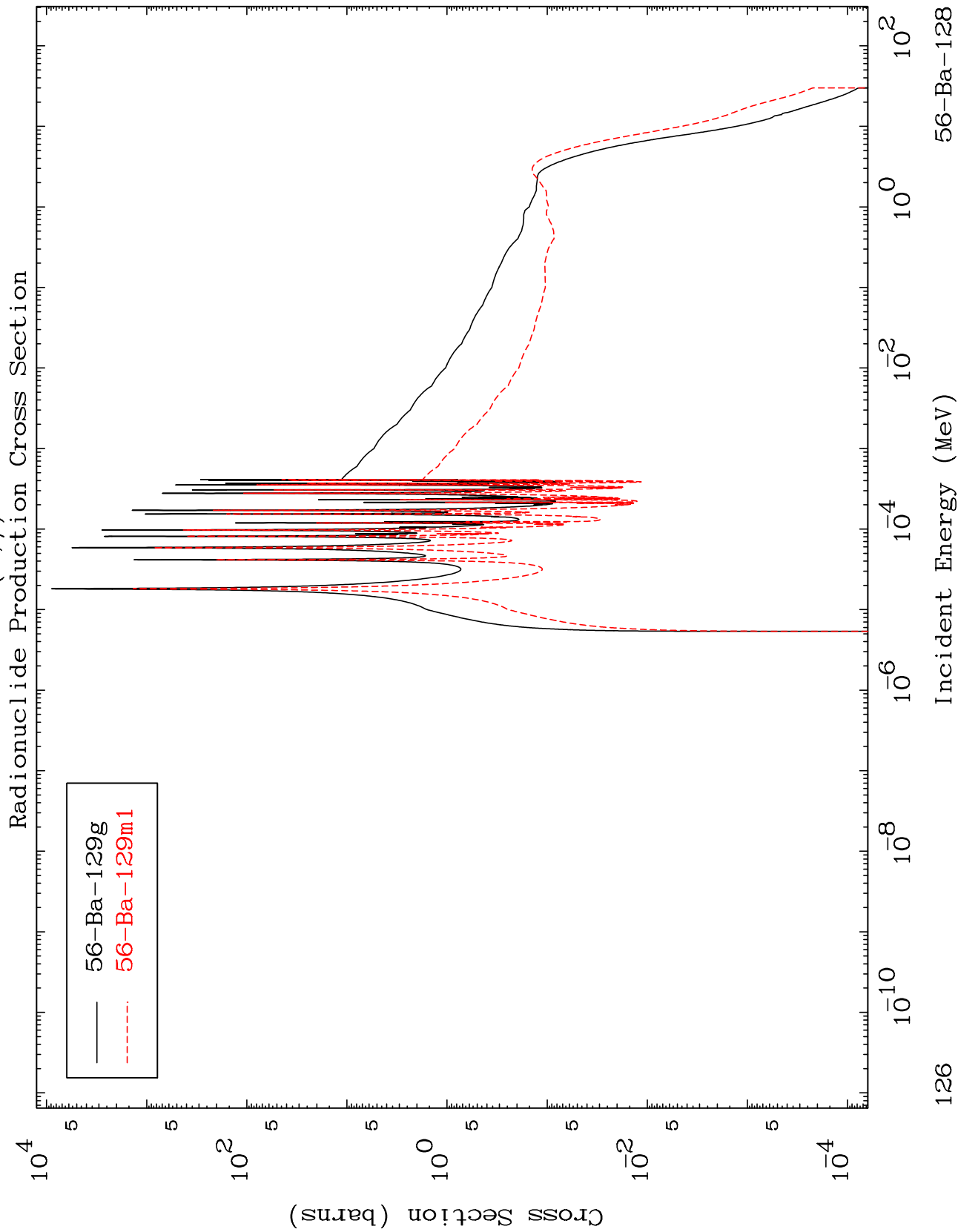
125

Incident Energy (MeV)

56-Ba-128

MAT 5619

56-Ba-128

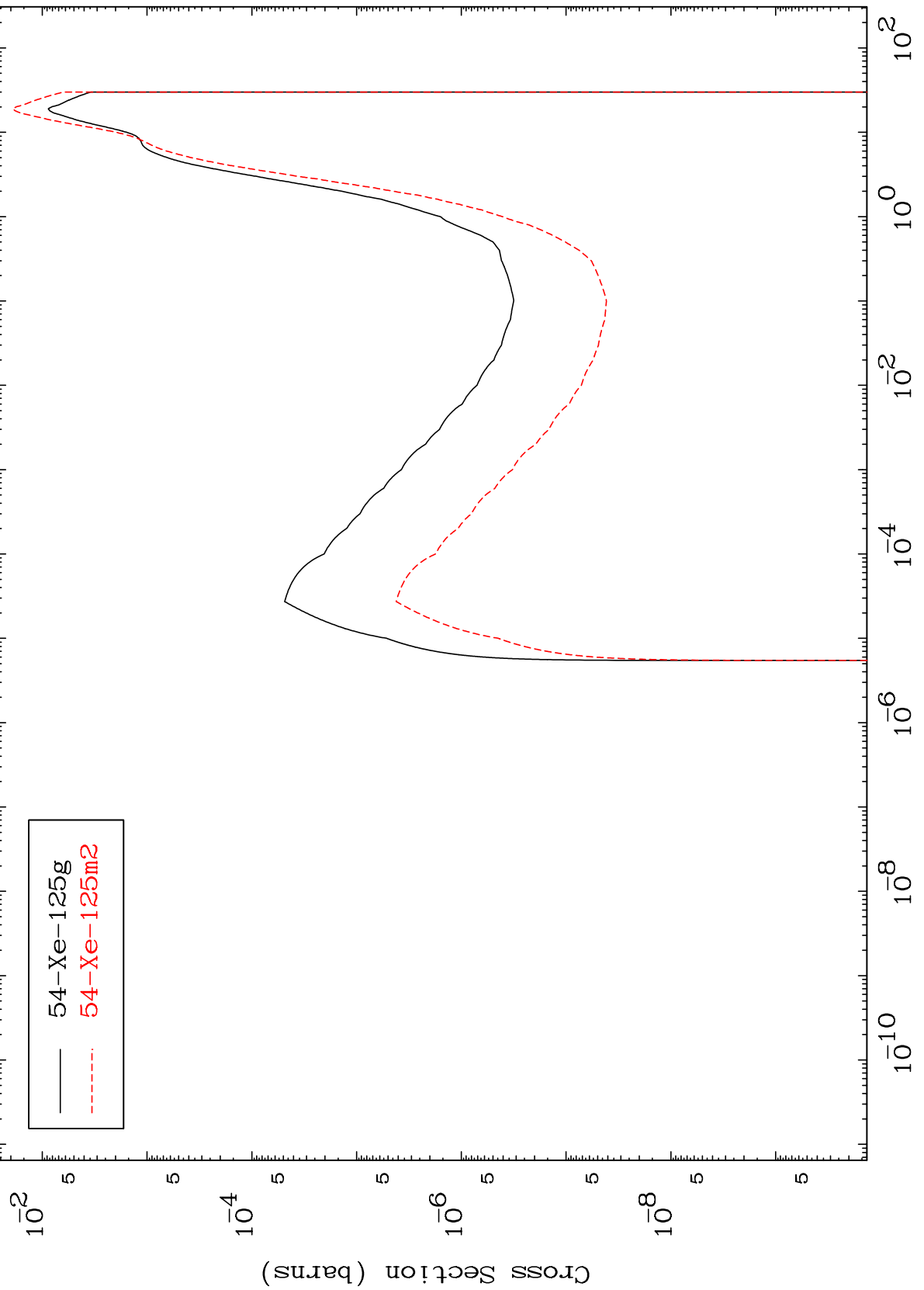


126

MAT 5619

56-Ba-128

(n, α)
Radionuclide Production Cross Section



127

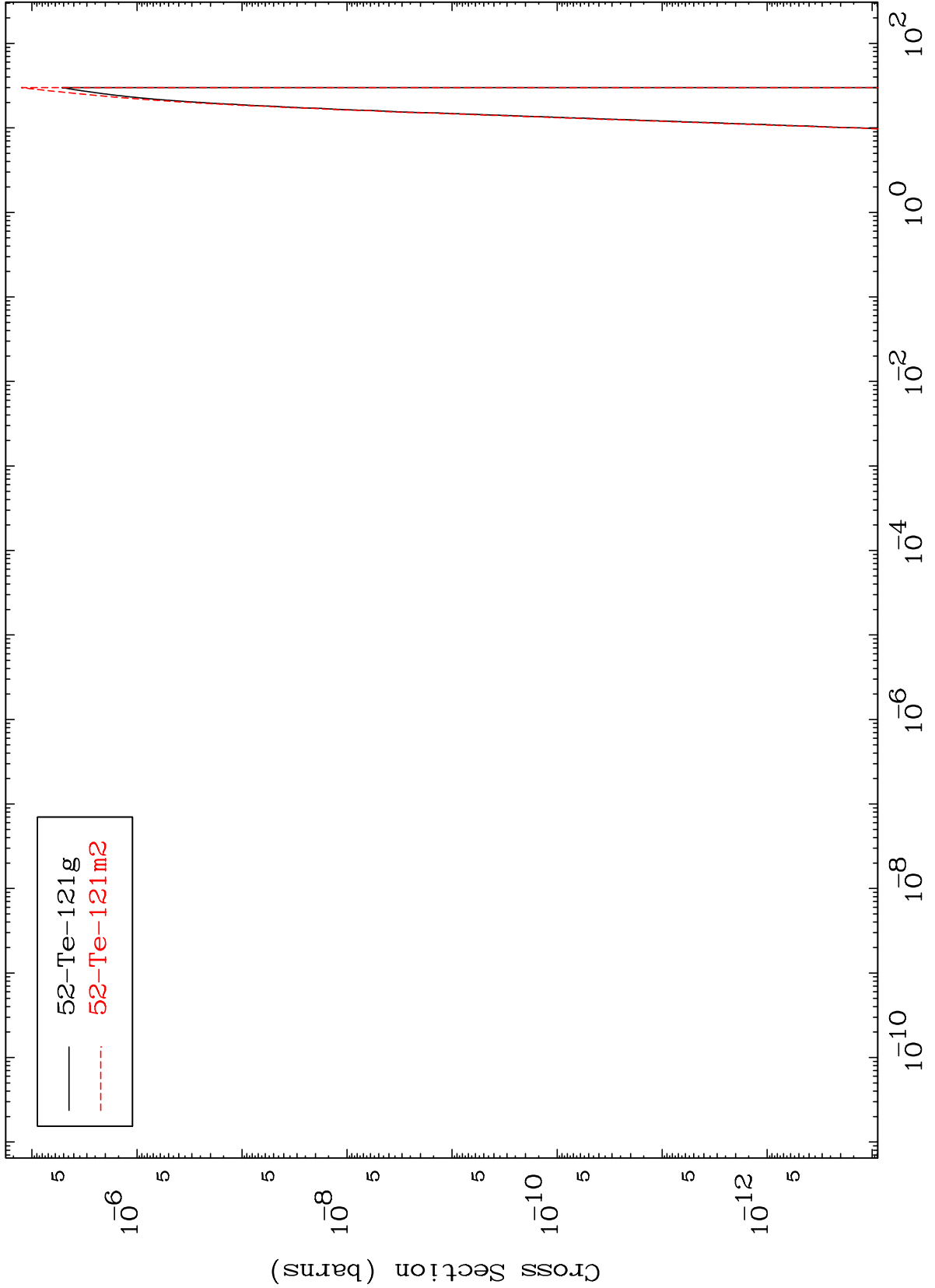
56-Ba-128

MAT 5619

(n,2α)

56-Ba-128

Radionuclide Production Cross Section



128

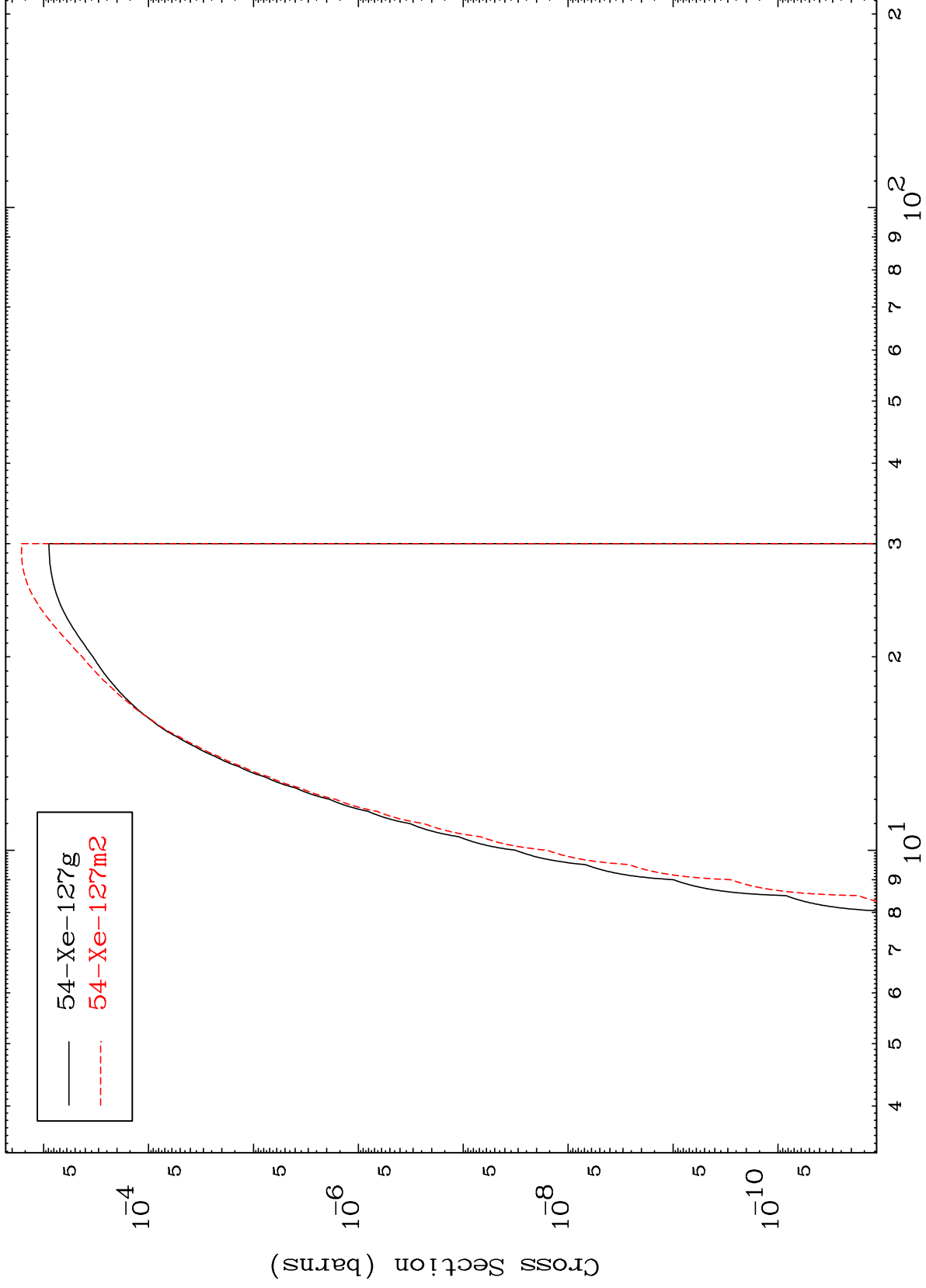
Incident Energy (MeV)

56-Ba-128

MAT 5619

56-Ba-128

Radionuclide Production Cross Section
(n,2p)



54-Xe-127g
54-Xe-127m2

129

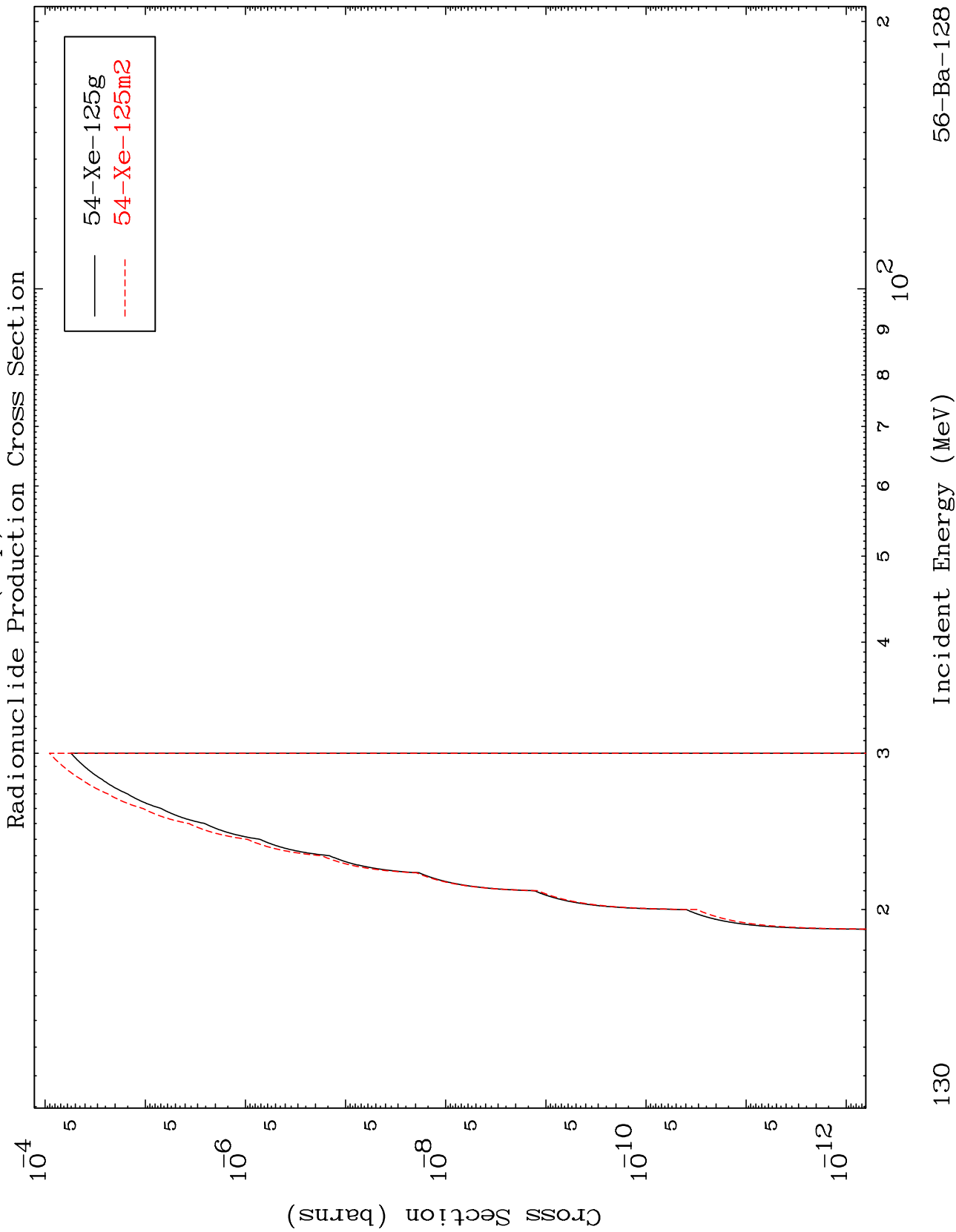
Incident Energy (MeV)

56-Ba-128

MAT 5619

(n,p) t

56-Ba-128



130

56-Ba-128