

Program EVALPLOT
(Version 2018-1)

by

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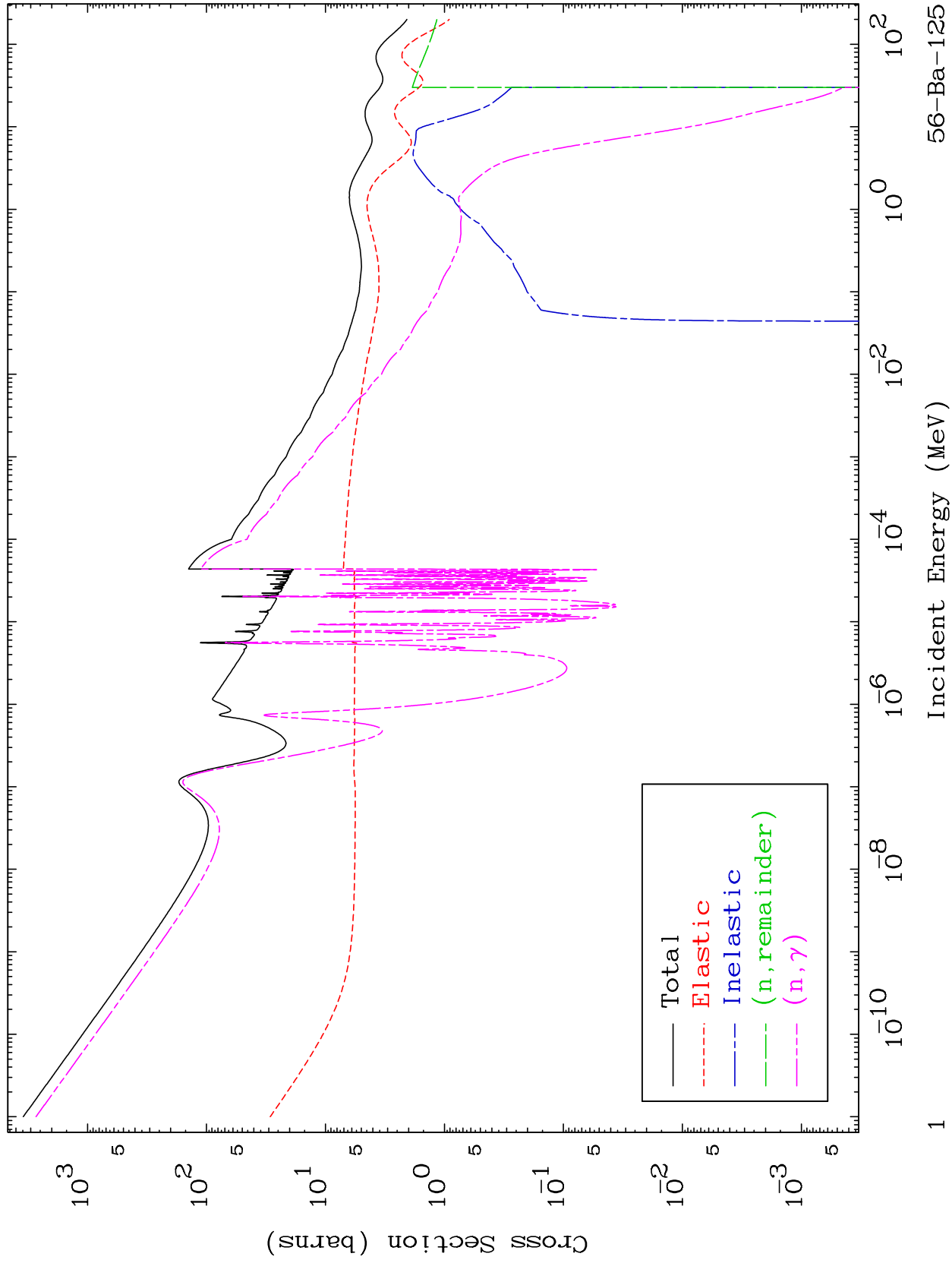
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5610

Major
293 Kelvin Cross Sections

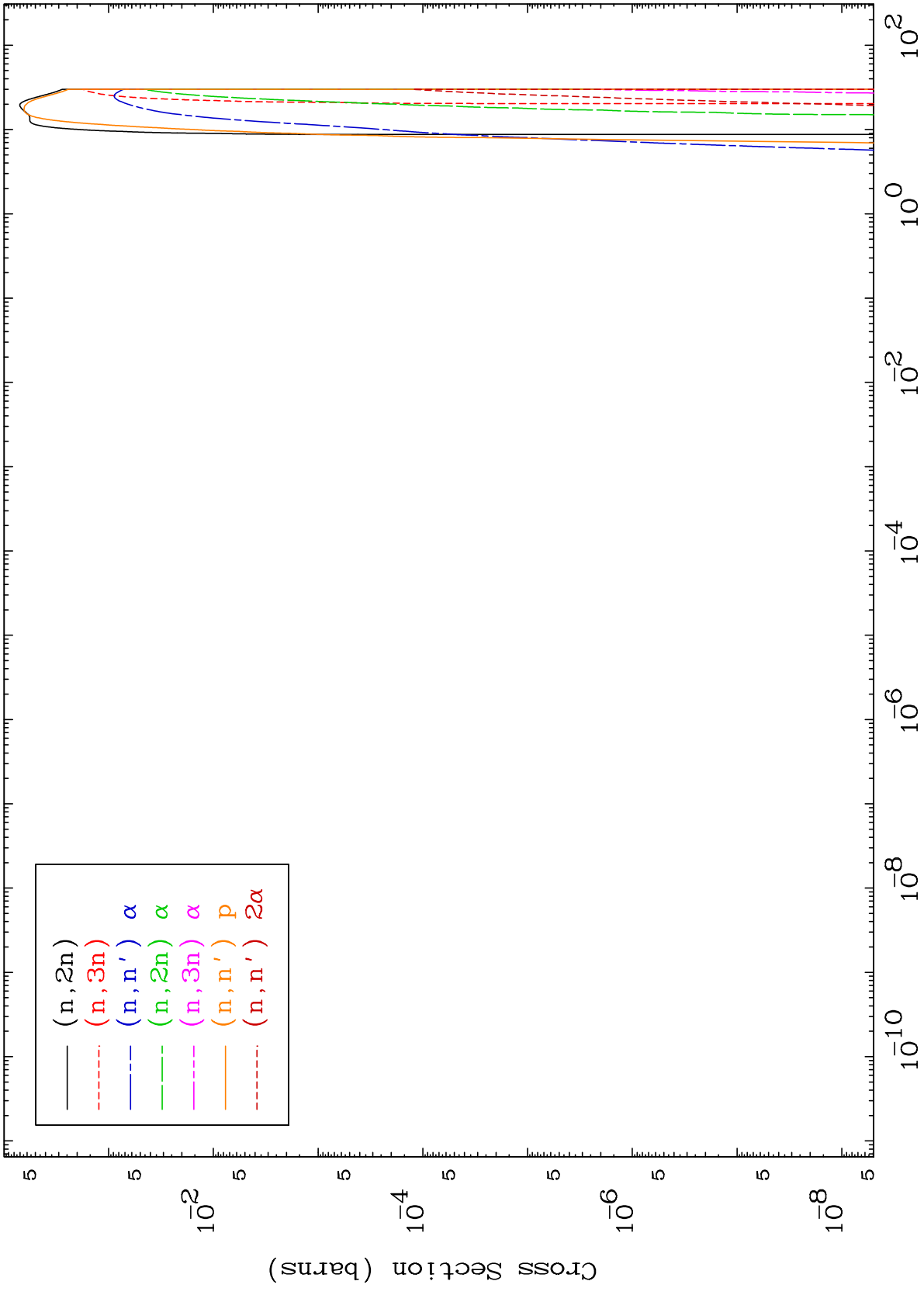
56-Ba-125



MAT 5610

Neutron Production
293 Kelvin Cross Sections

56-Ba-125

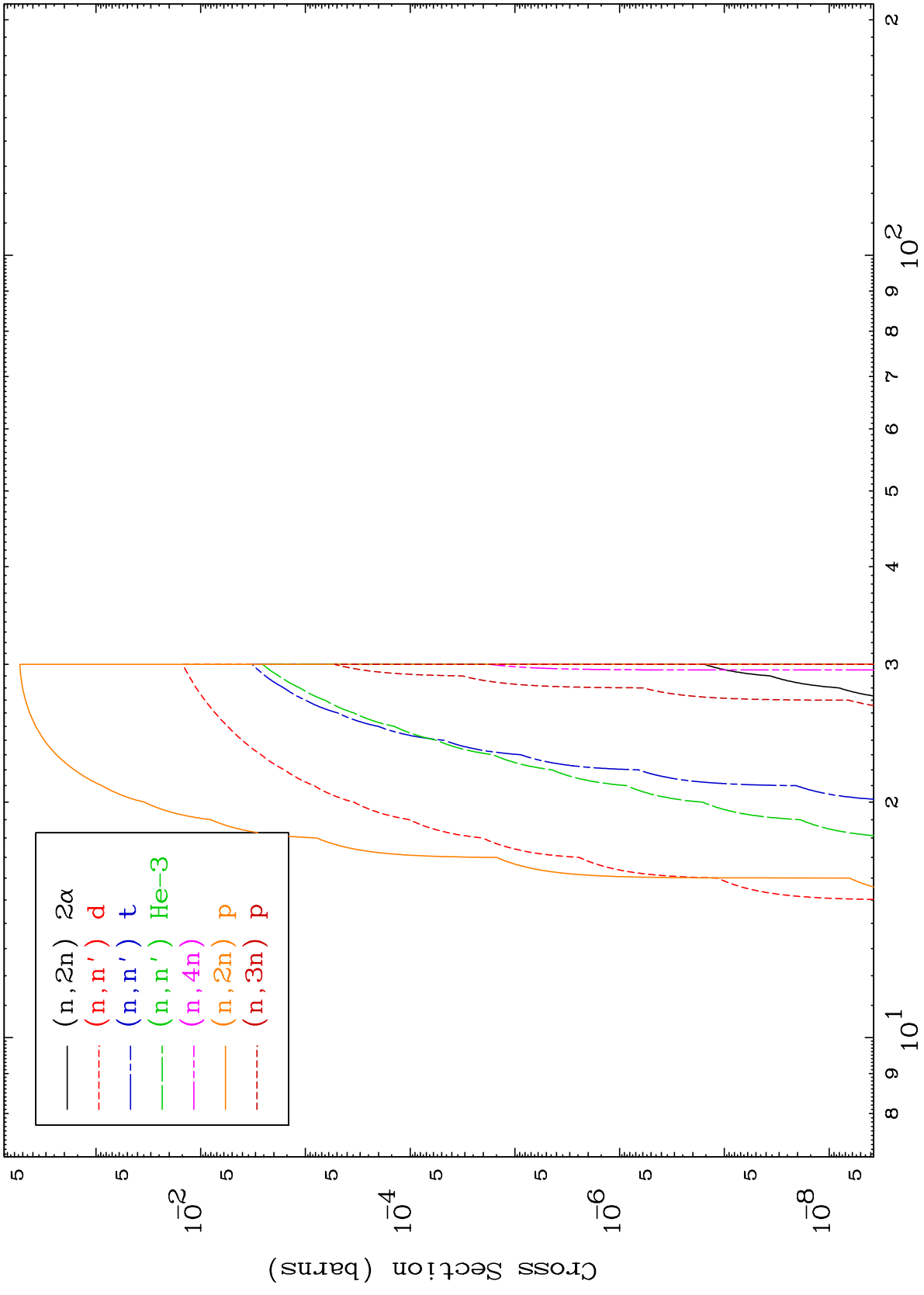


56-Ba-125

MAT 5610

Neutron Production
293 Kelvin Cross Sections

56-Ba-125



3

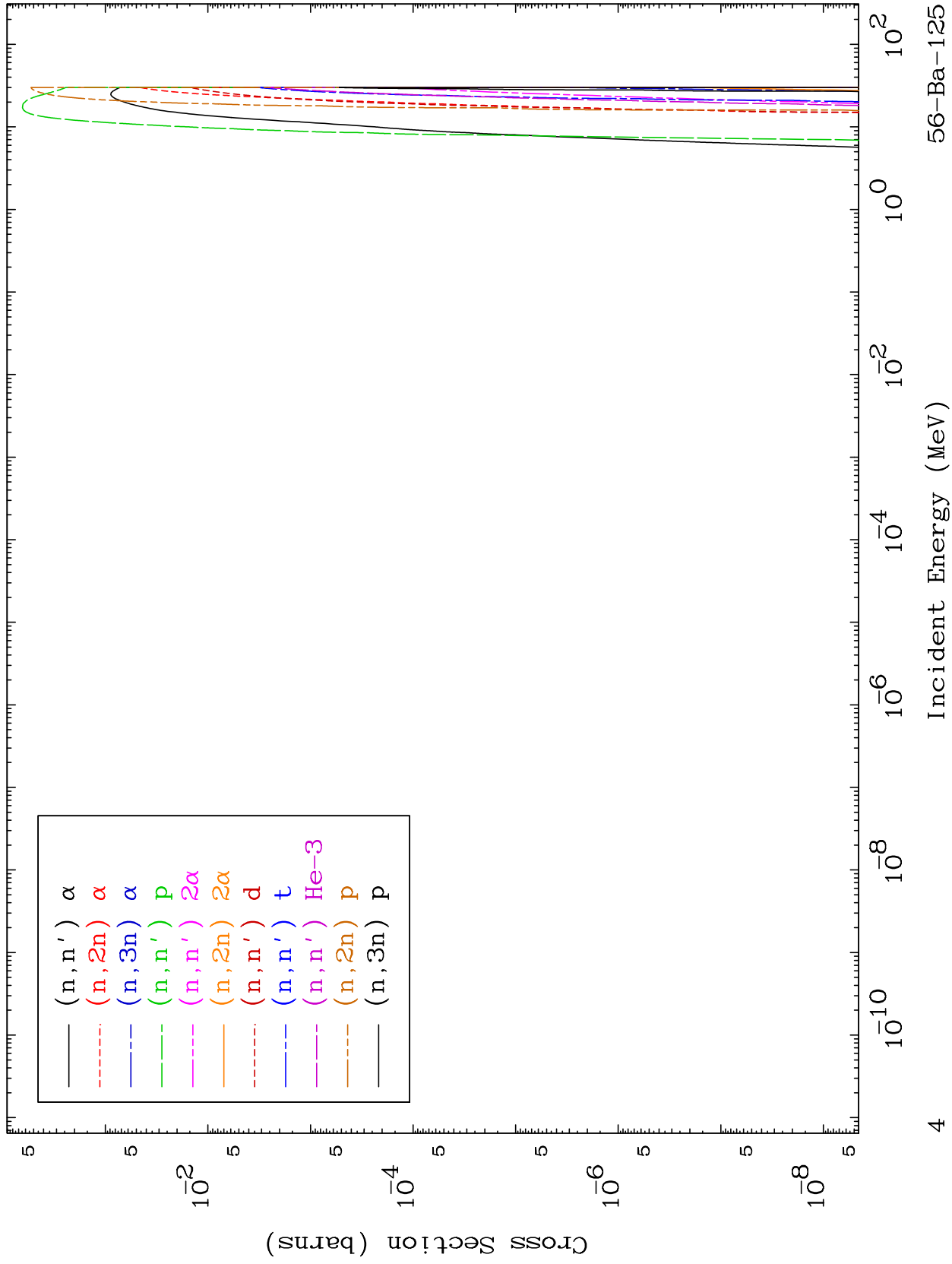
Incident Energy (MeV)

56-Ba-125

MAT 5610

Charged Particle
293 Kelvin Cross Sections

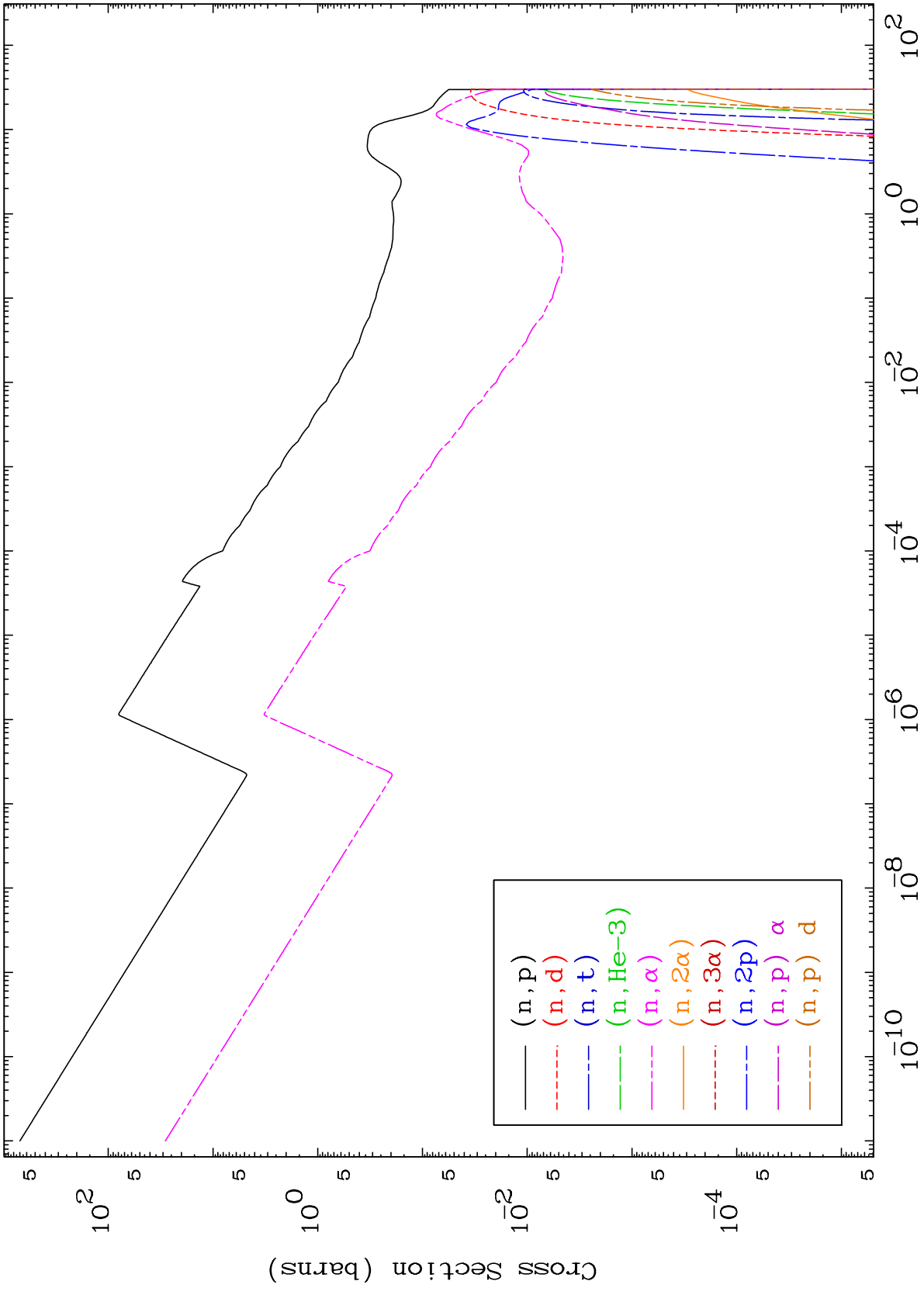
56-Ba-125



MAT 5610

Charged Particle
293 Kelvin Cross Sections

56-Ba-125

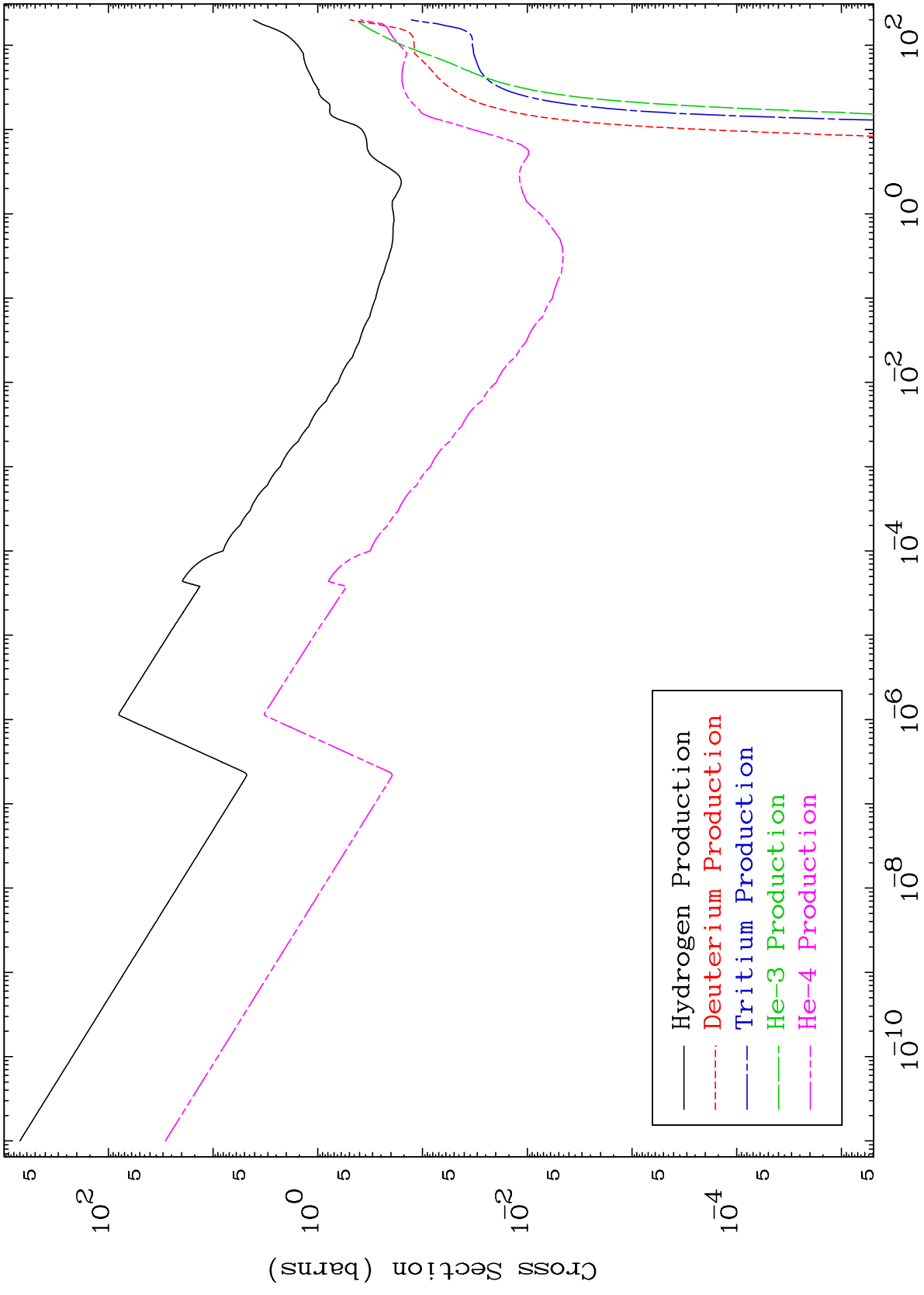


56-Ba-125

MAT 5610

Particle Production
293 Kelvin Cross Sections

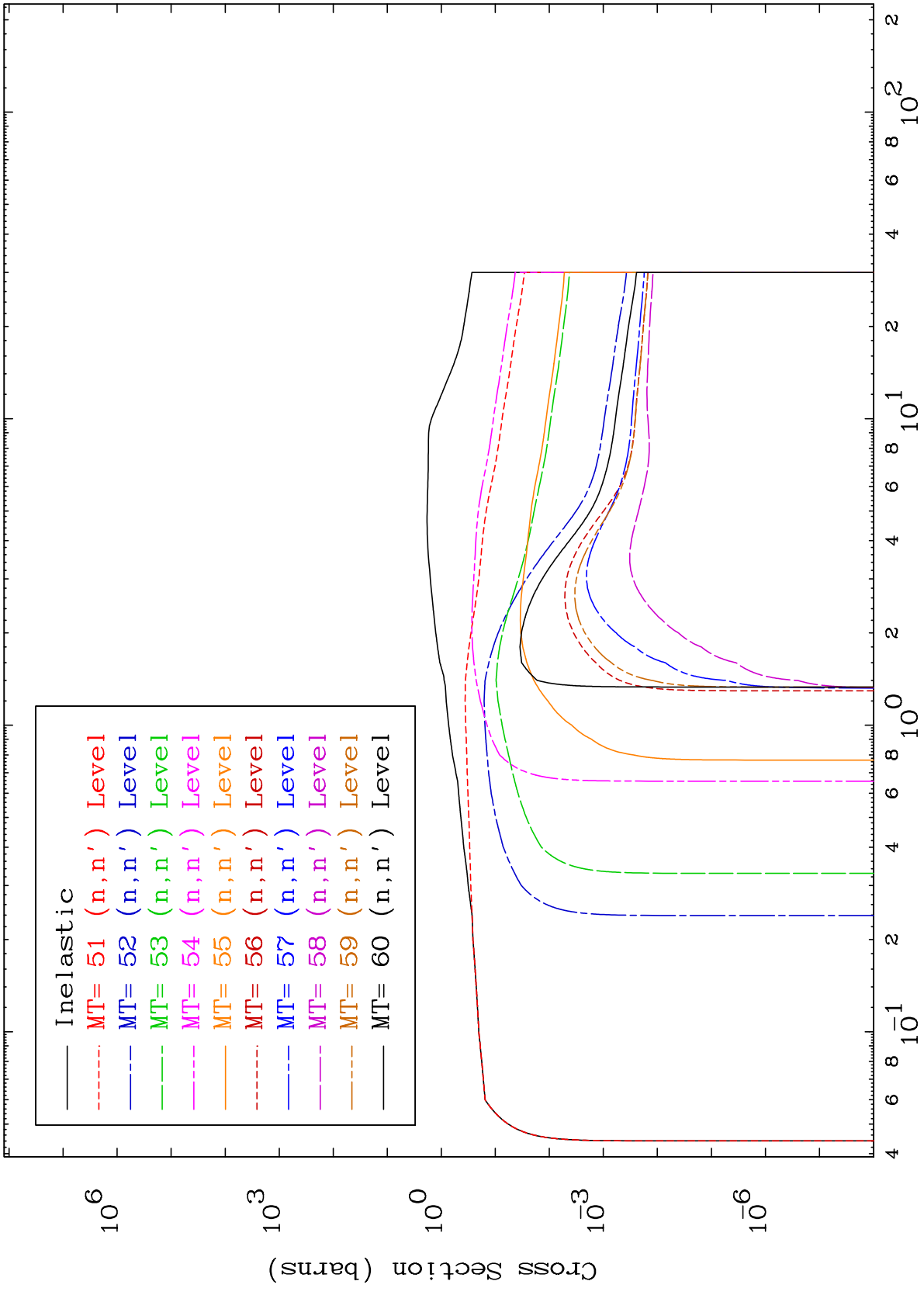
56-Ba-125



MAT 5610

(n,n') Level
293 Kelvin Cross Sections

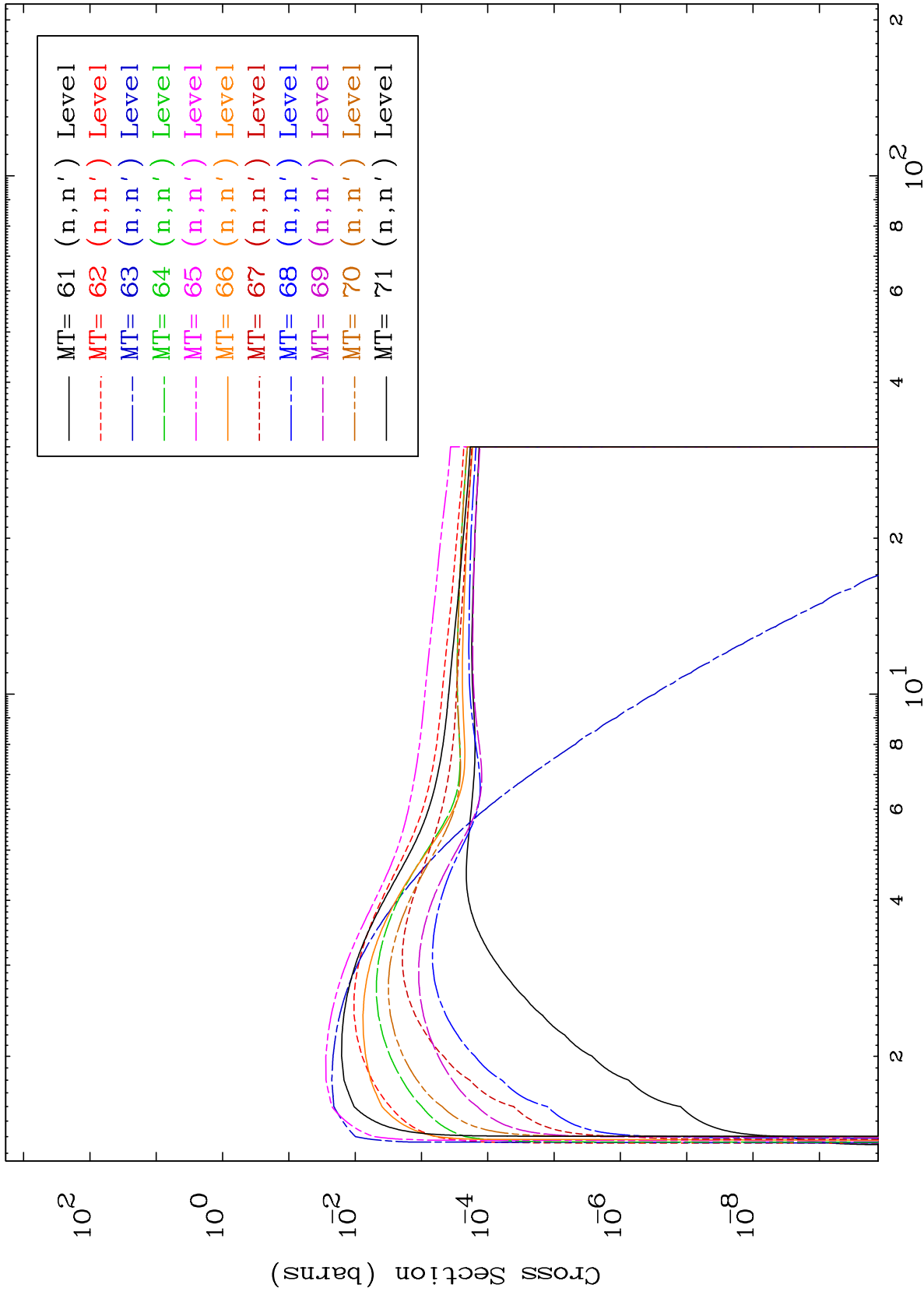
56-Ba-125



MAT 5610

(n,n') Level
293 Kelvin Cross Sections

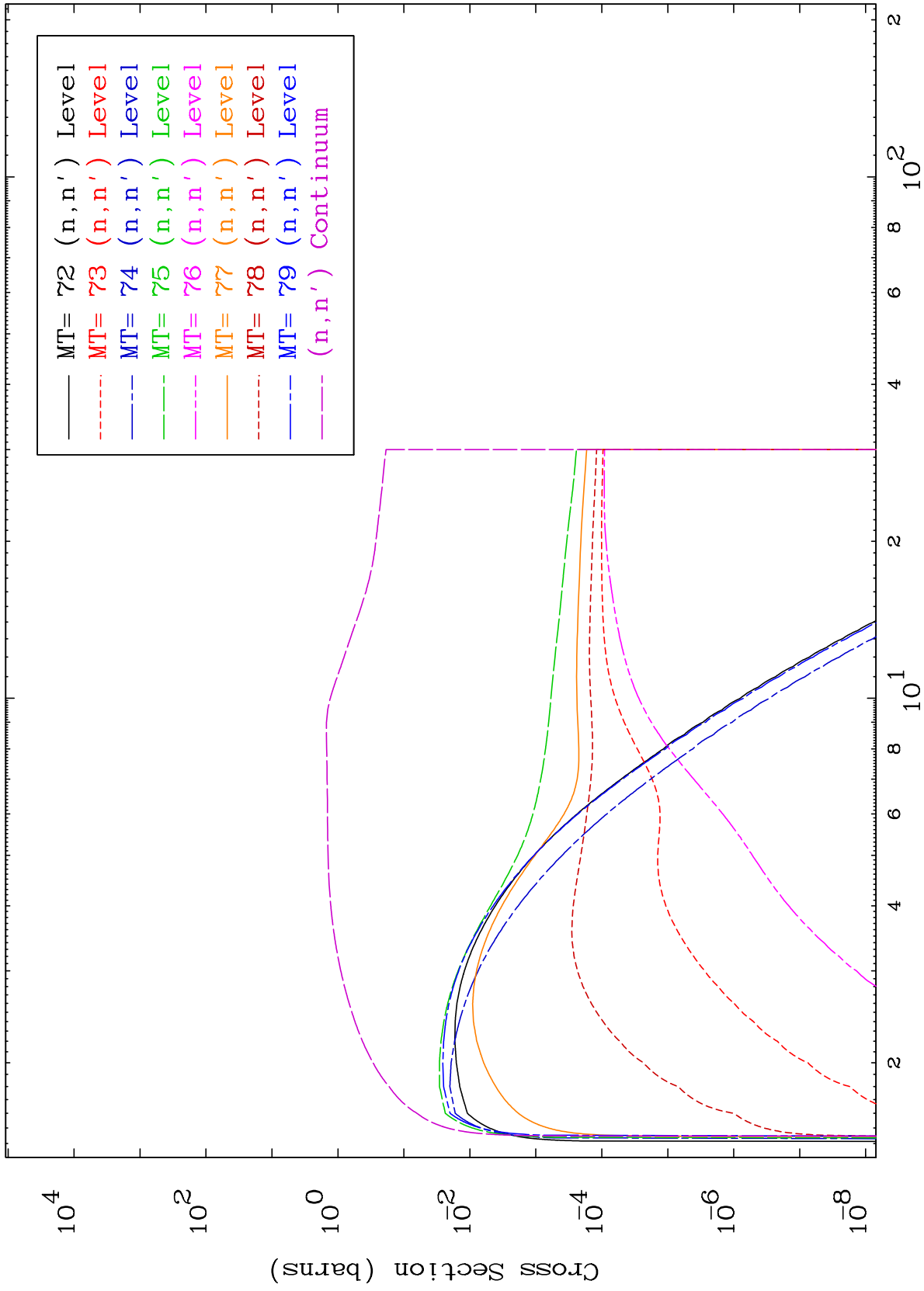
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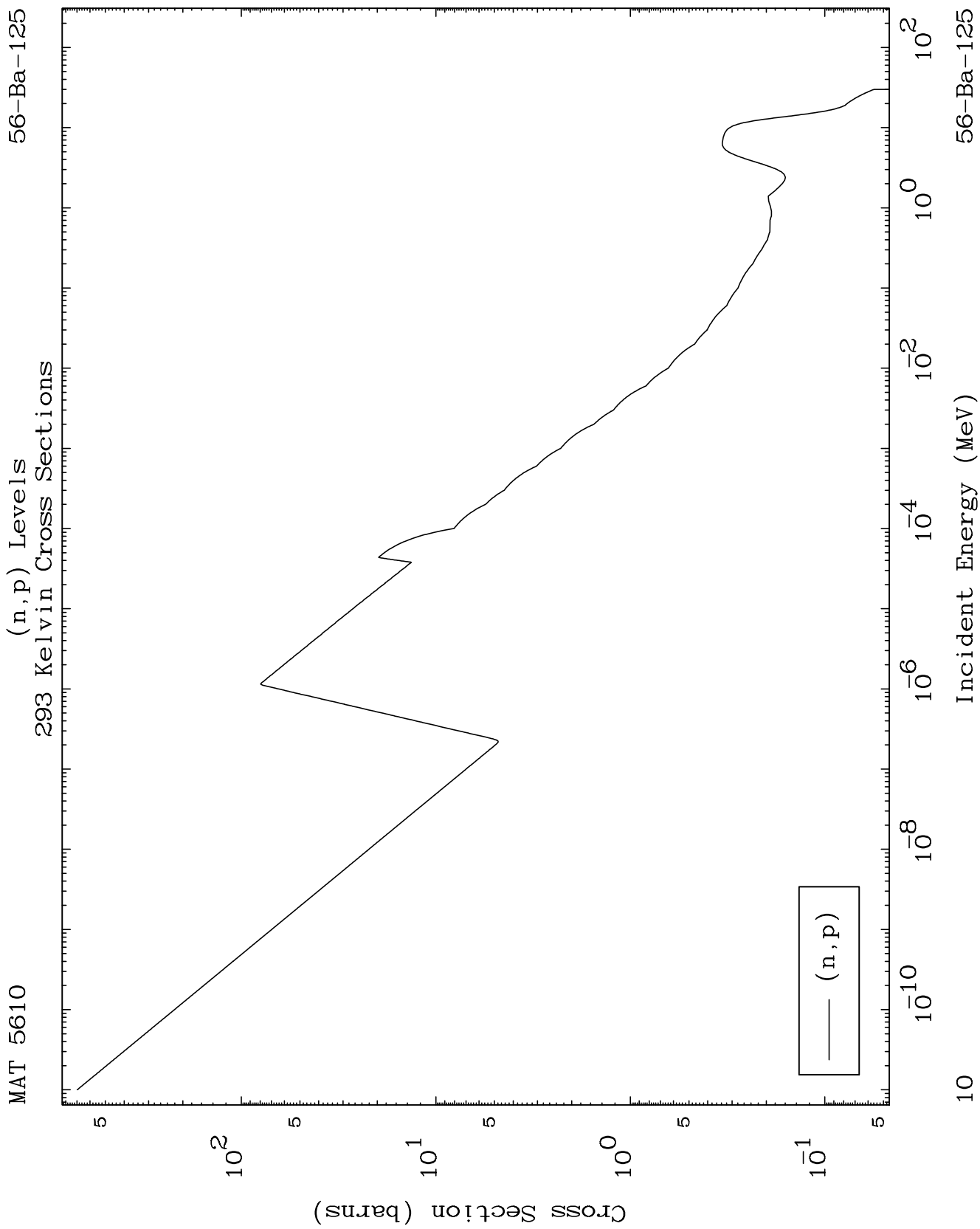


8

Incident Energy (MeV)

56-Ba-125

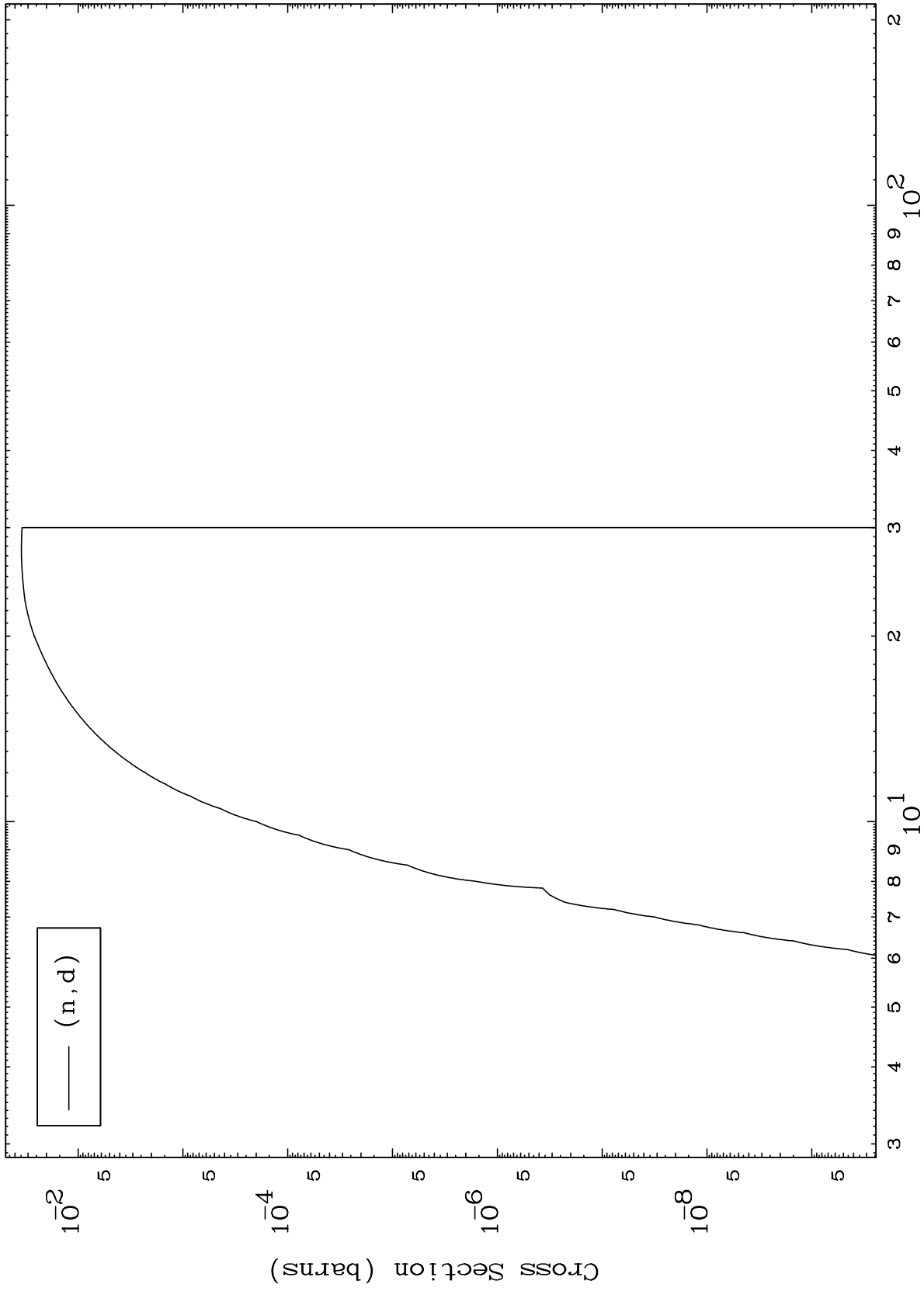




MAT 5610

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-125



11

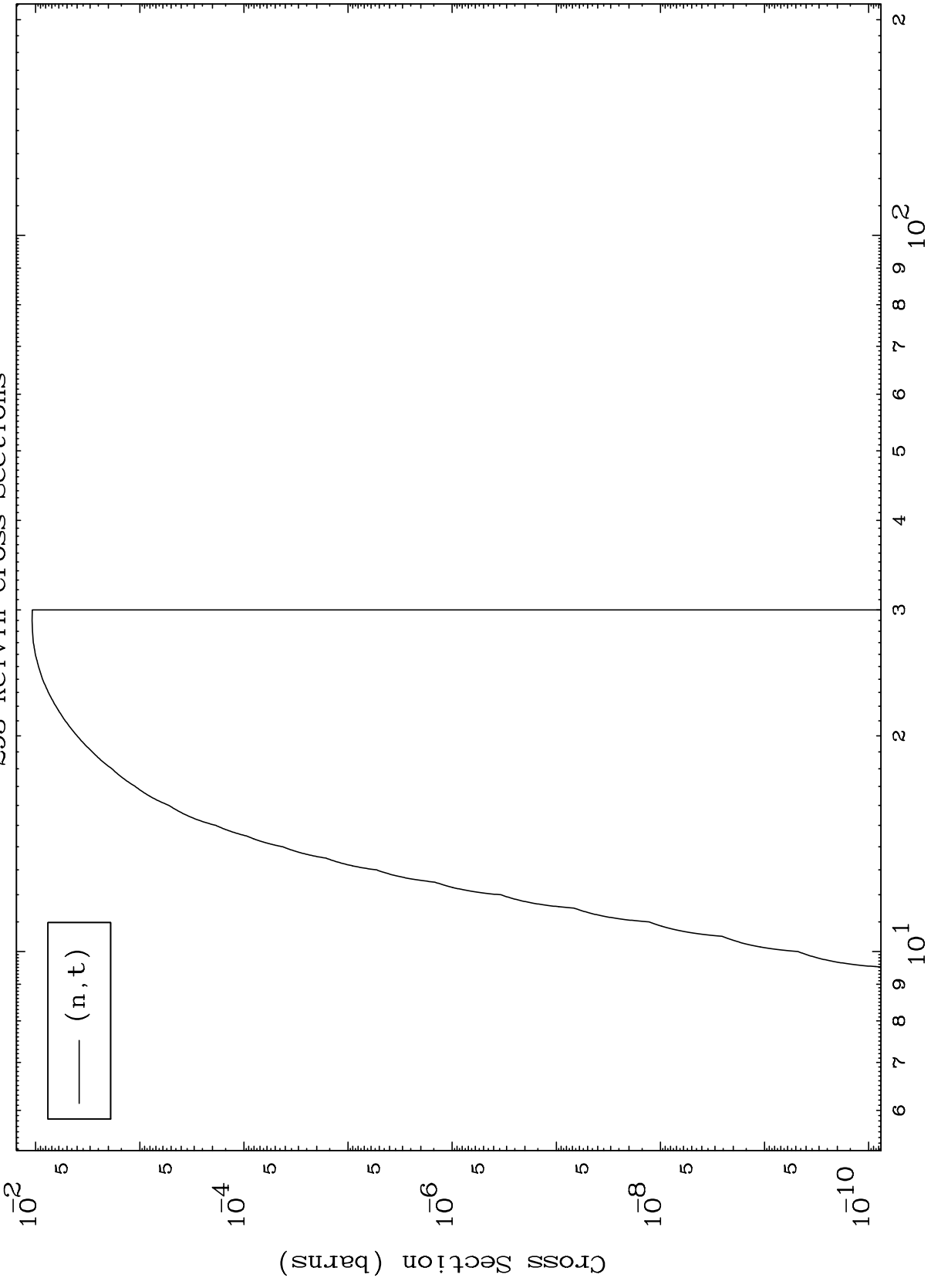
Incident Energy (MeV)

56-Ba-125

MAT 5610

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-125



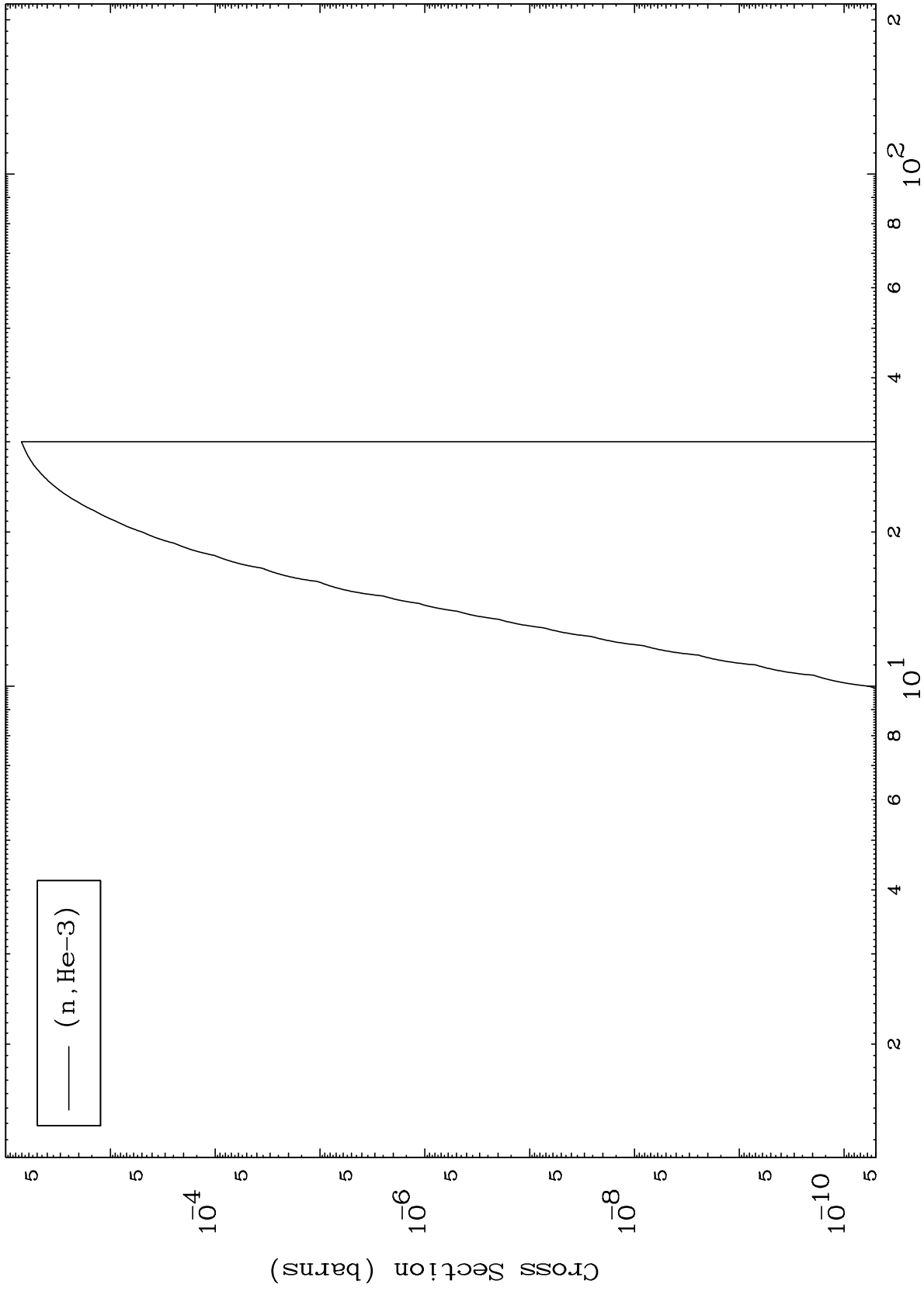
12

56-Ba-125

MAT 5610

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-125



13

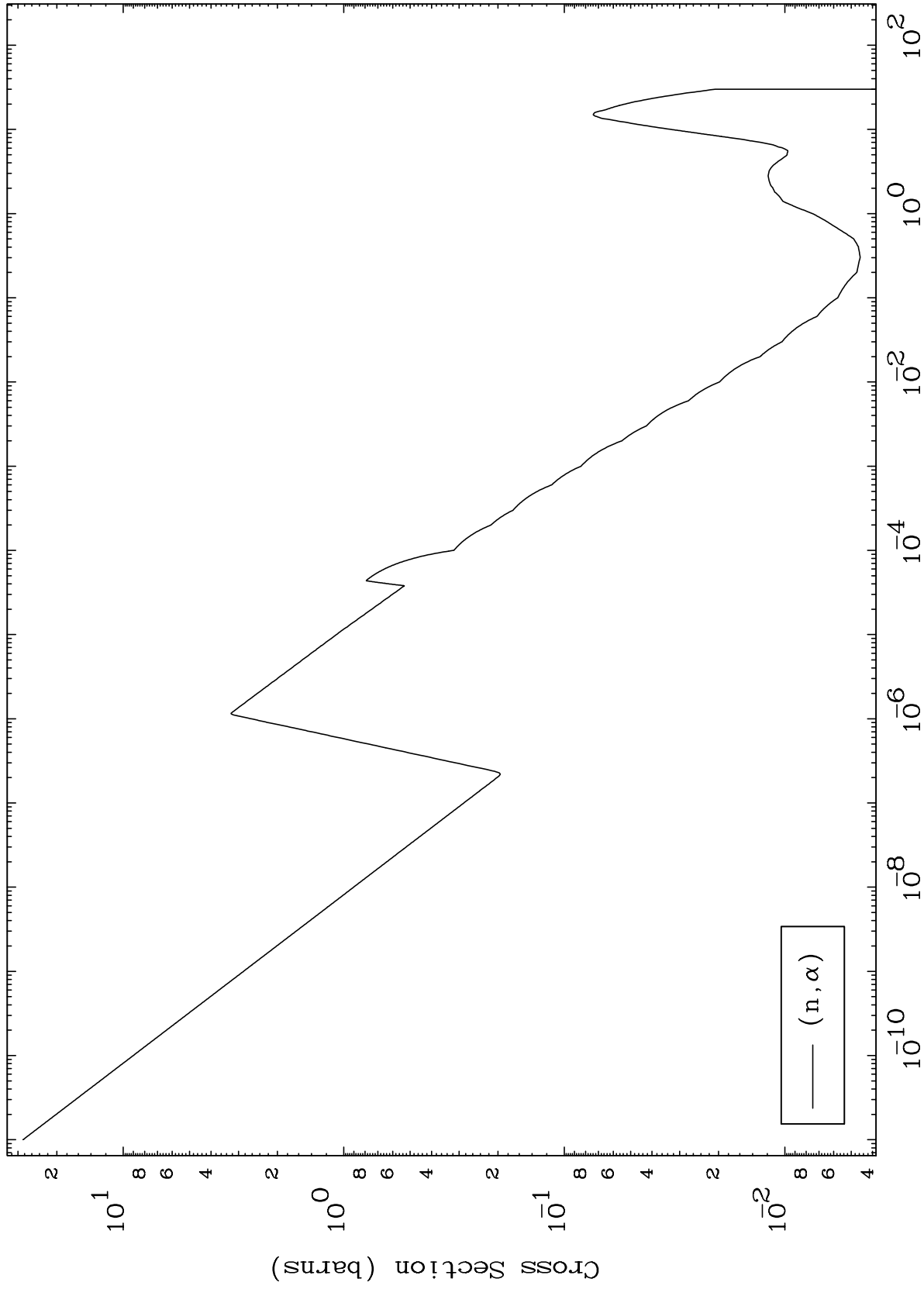
Incident Energy (MeV)

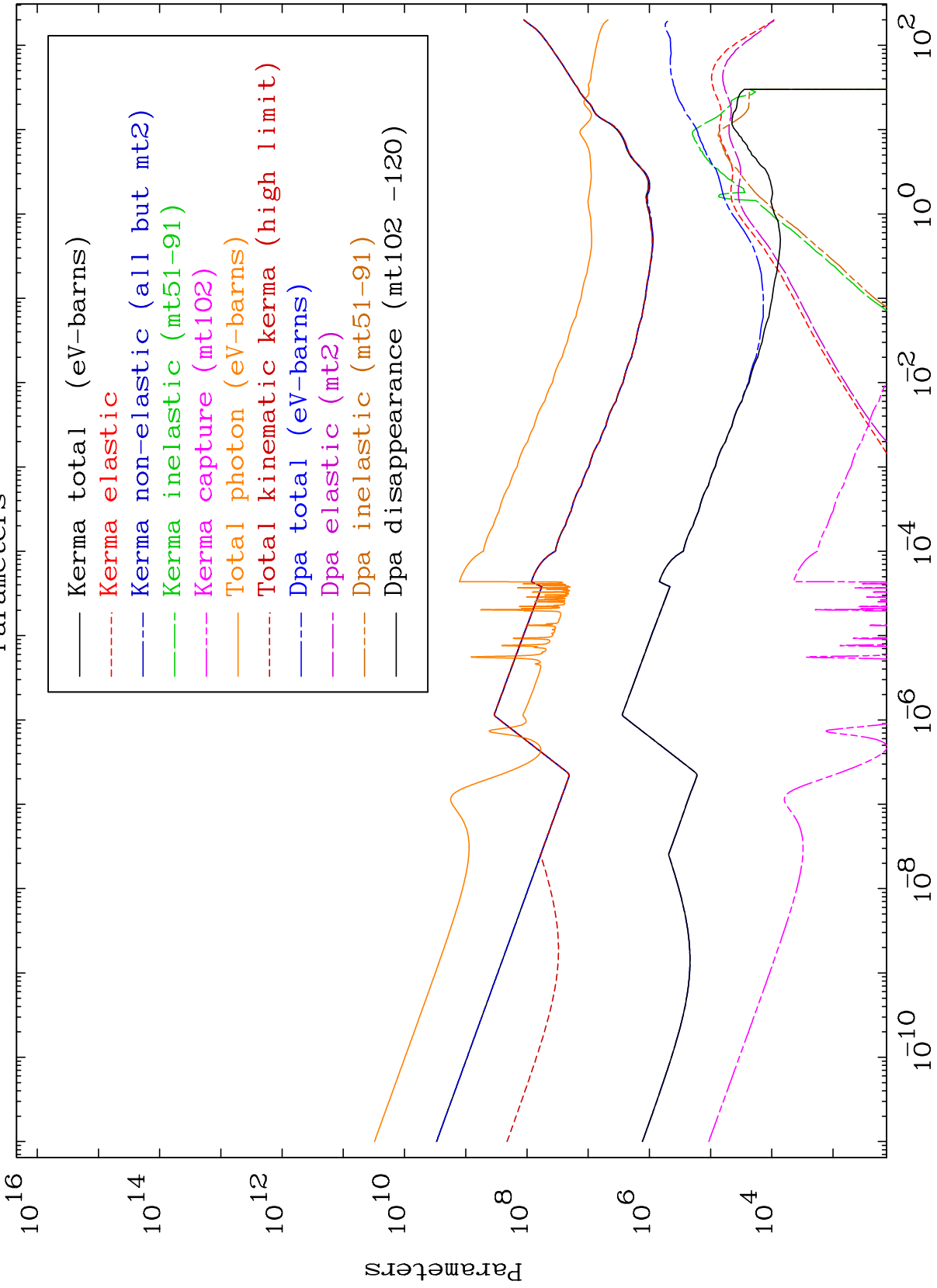
56-Ba-125

MAT 5610

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-125

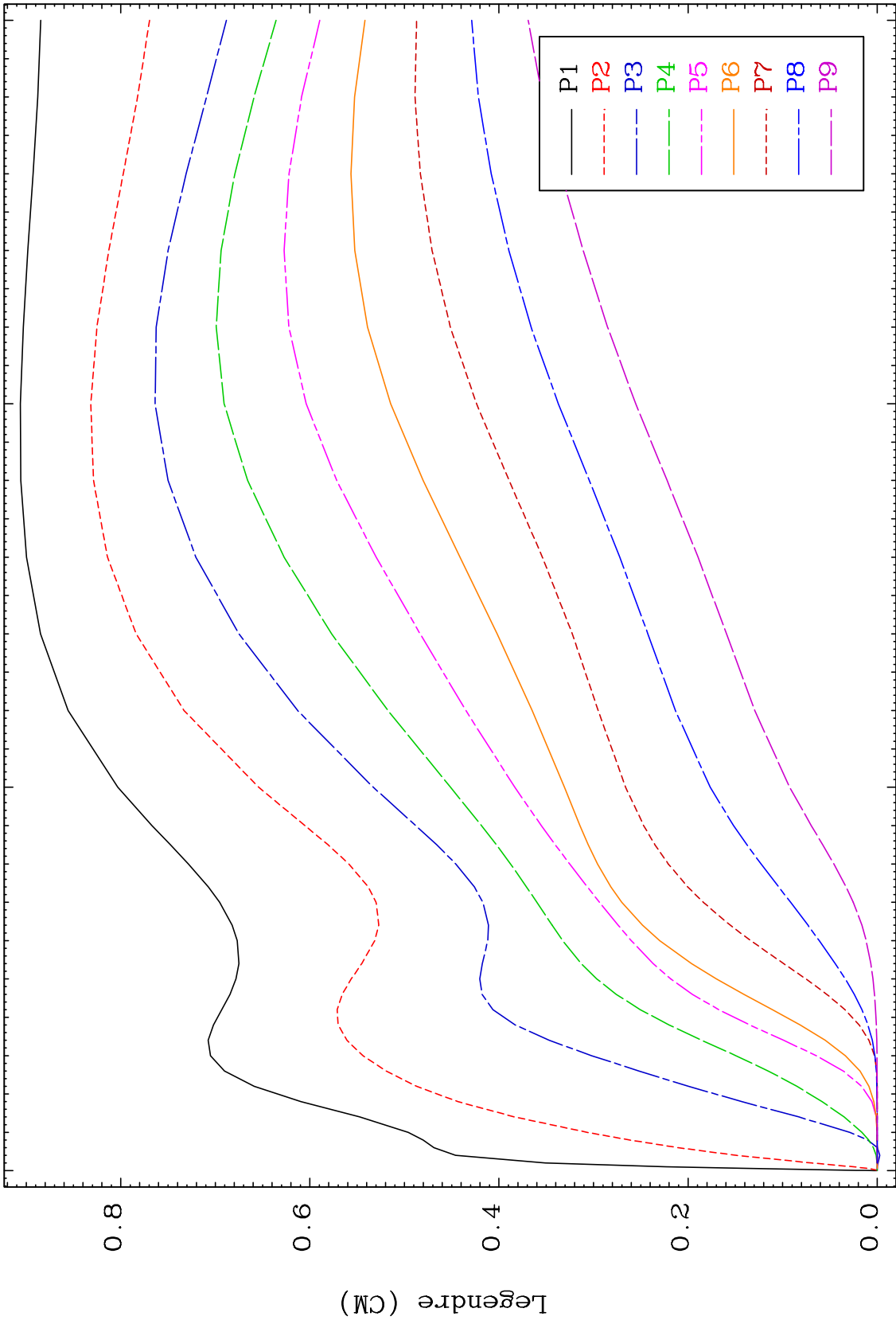




MAT 5610

Elastic Legendre Coefficients

56-Ba-125



16

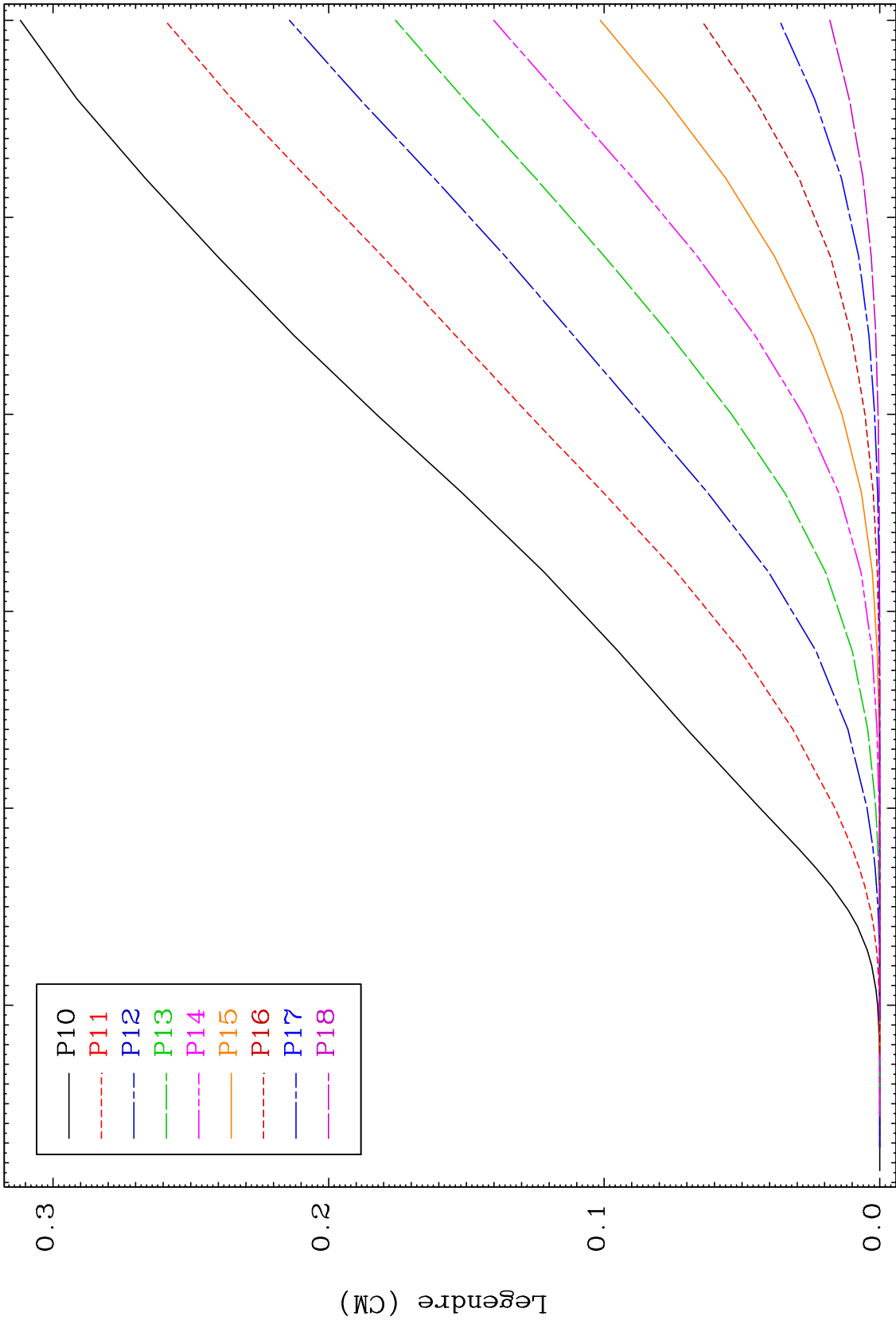
Incident Energy (MeV)

56-Ba-125

MAT 5610

Elastic Legendre Coefficients

56-Ba-125



17

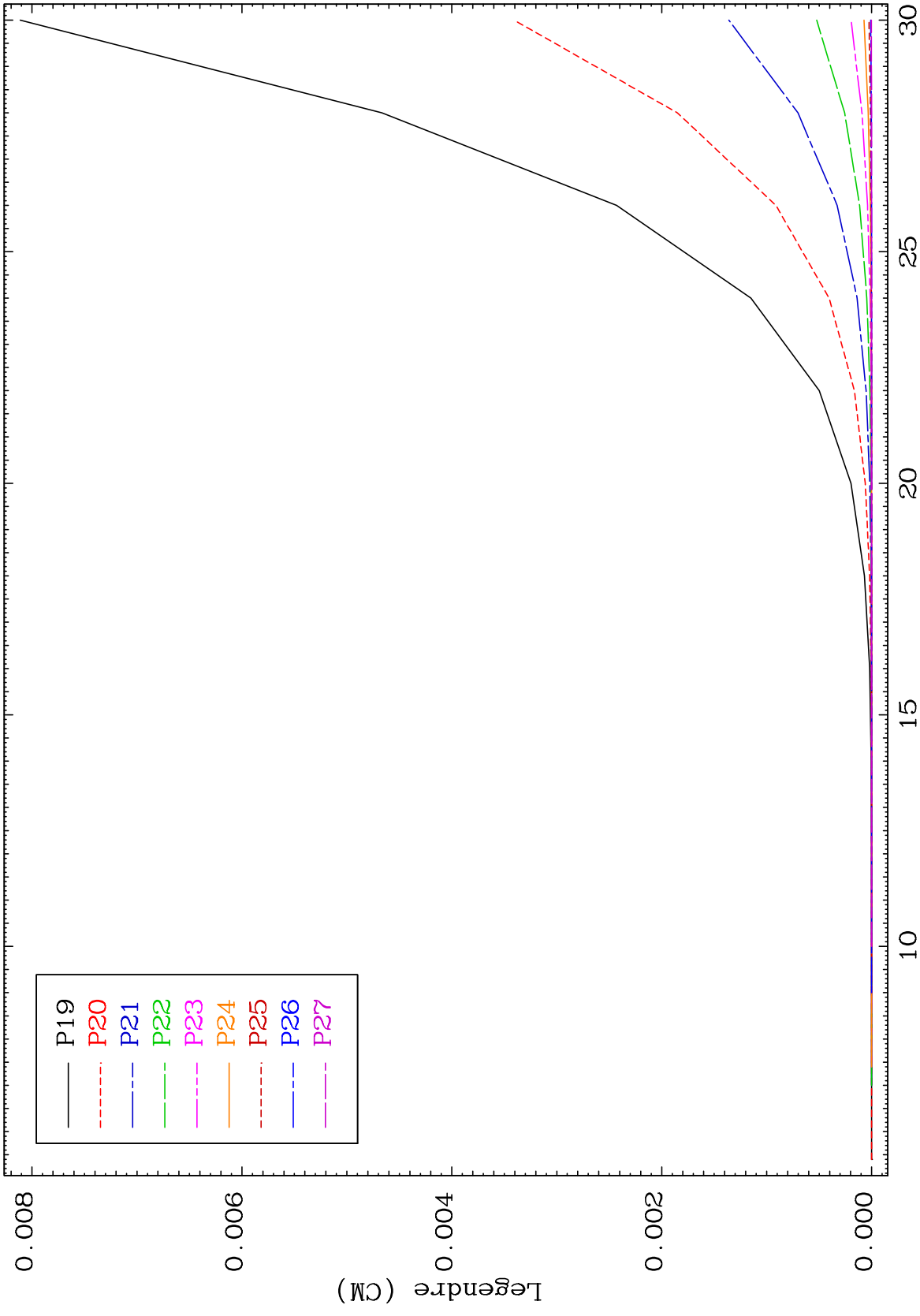
Incident Energy (MeV)

56-Ba-125

MAT 5610

Elastic Legendre Coefficients

56-Ba-125



18

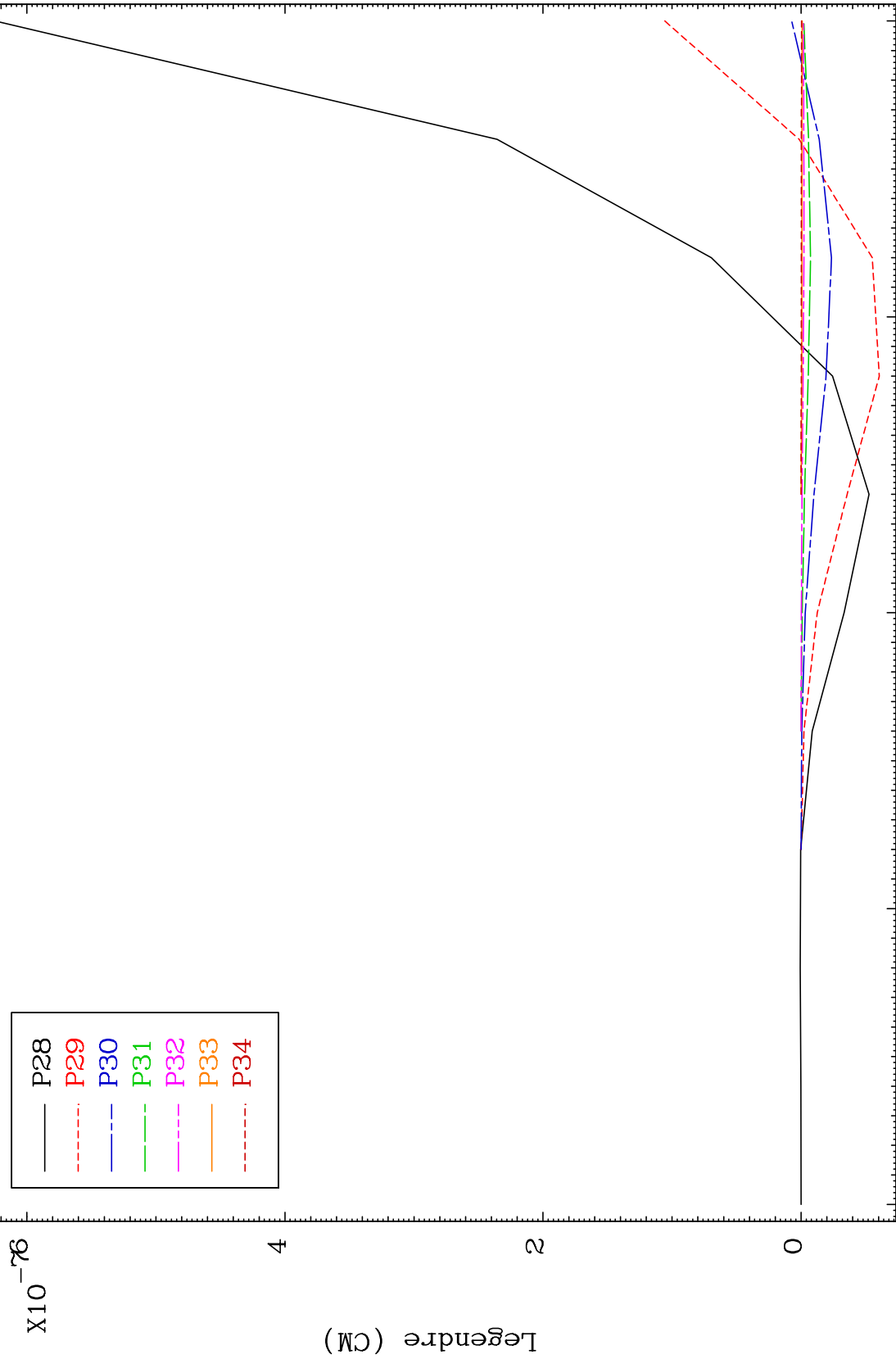
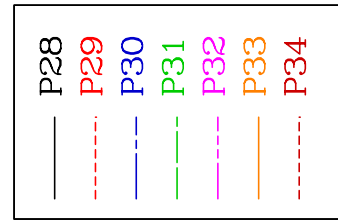
Incident Energy (MeV)

56-Ba-125

MAT 5610

Elastic Legendre Coefficients

56-Ba-125



19

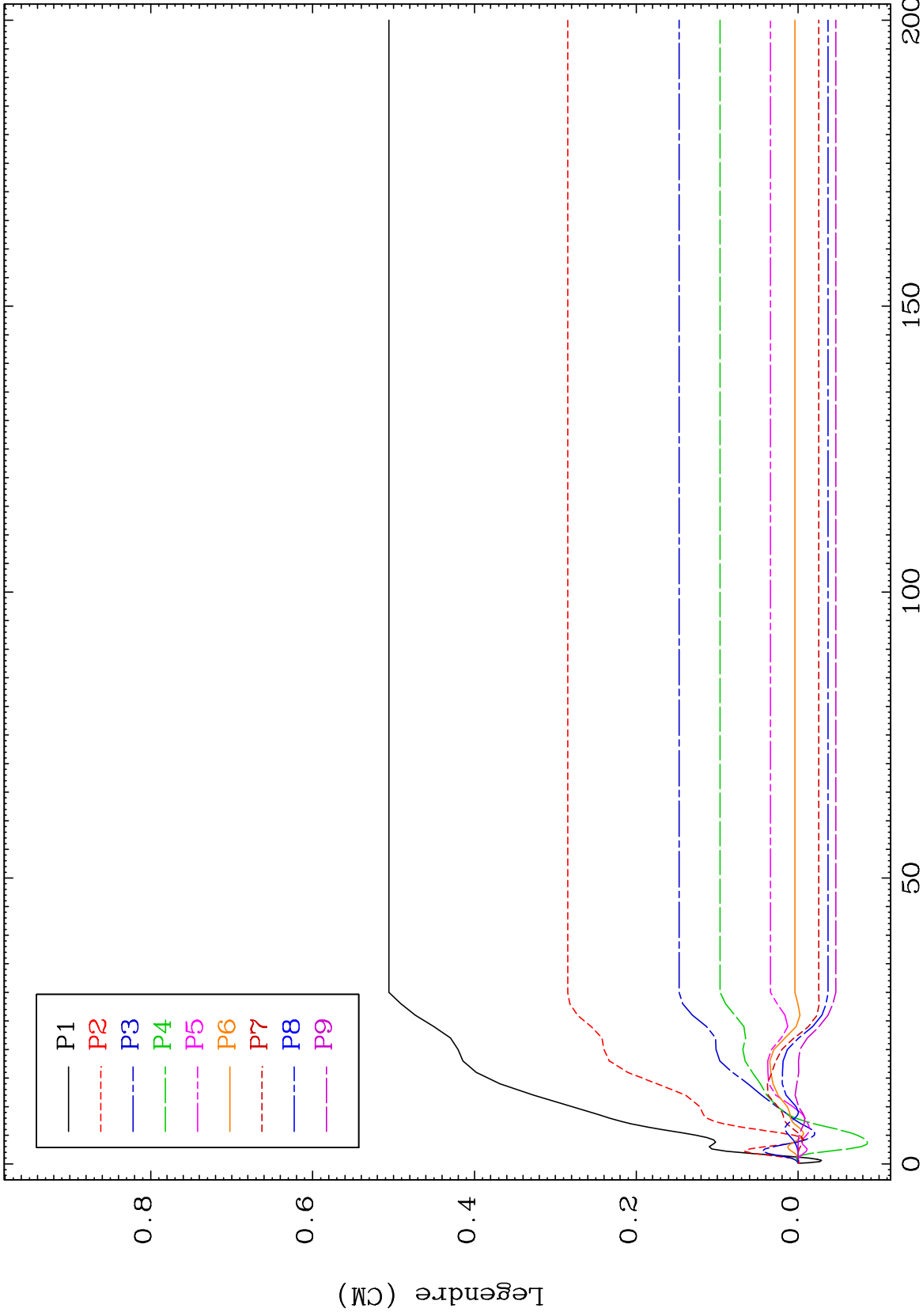
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



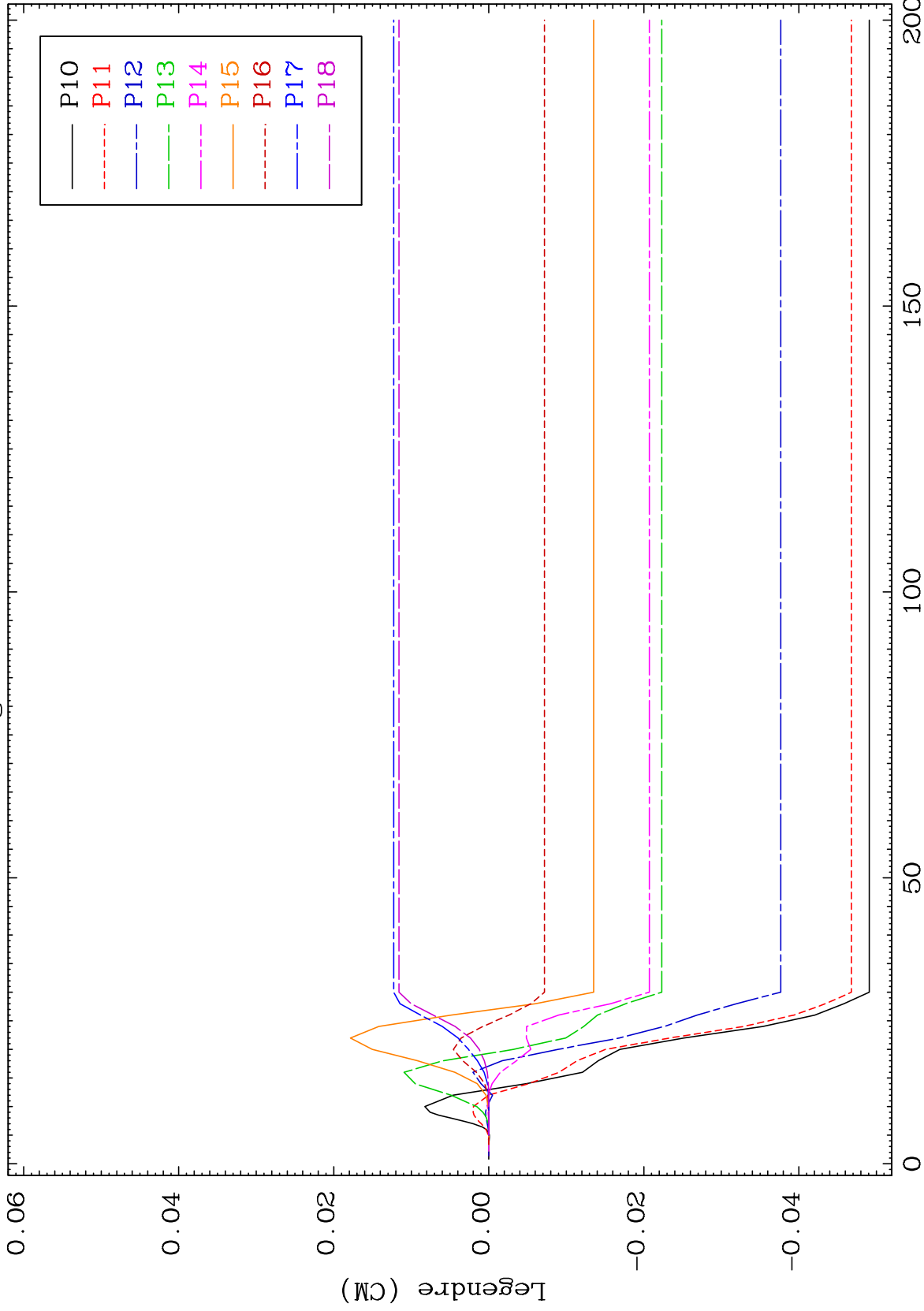
56-Ba-125

Incident Energy (MeV)

MAT 5610

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

56-Ba-125

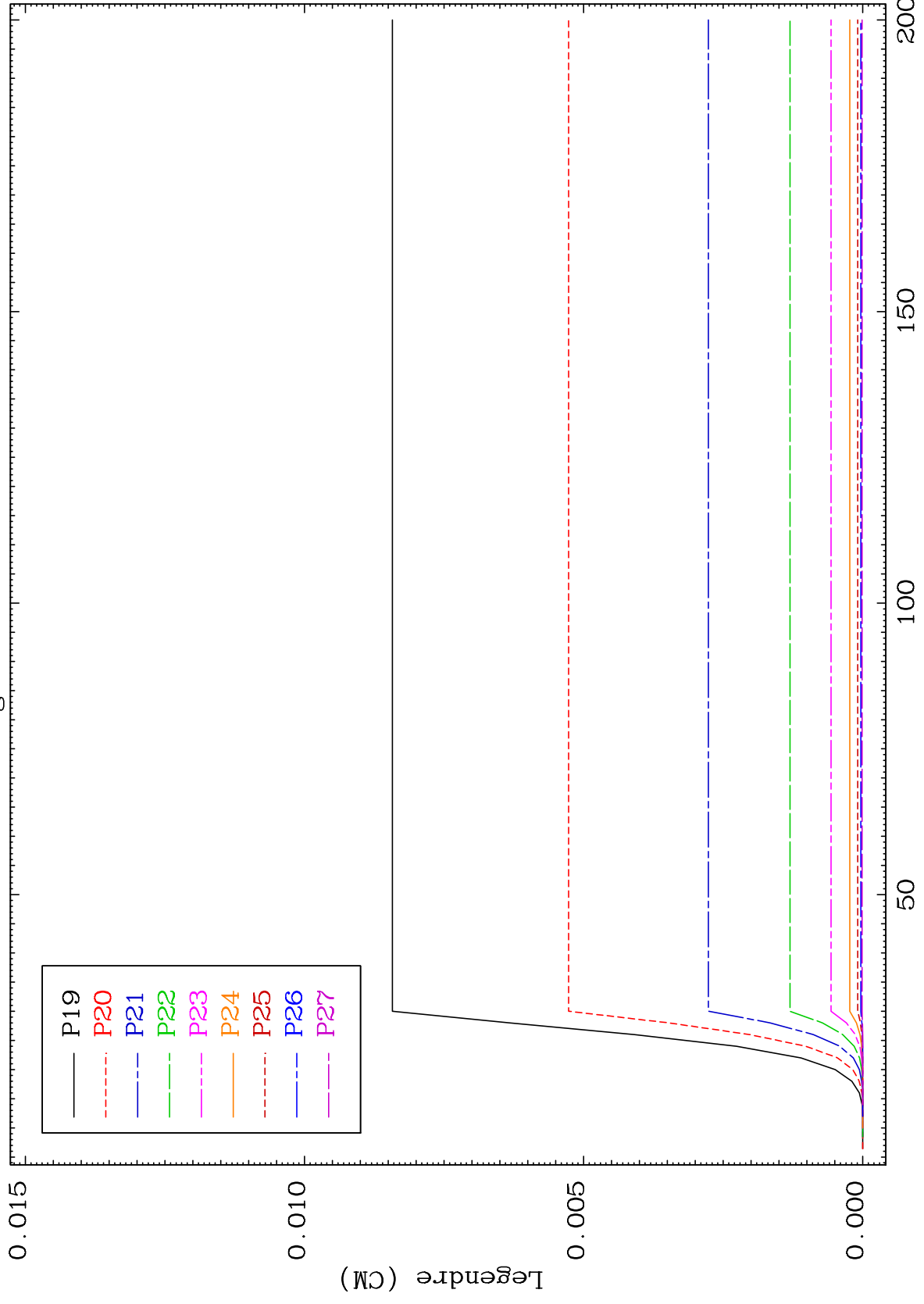


21

Incident Energy (MeV)

56-Ba-125

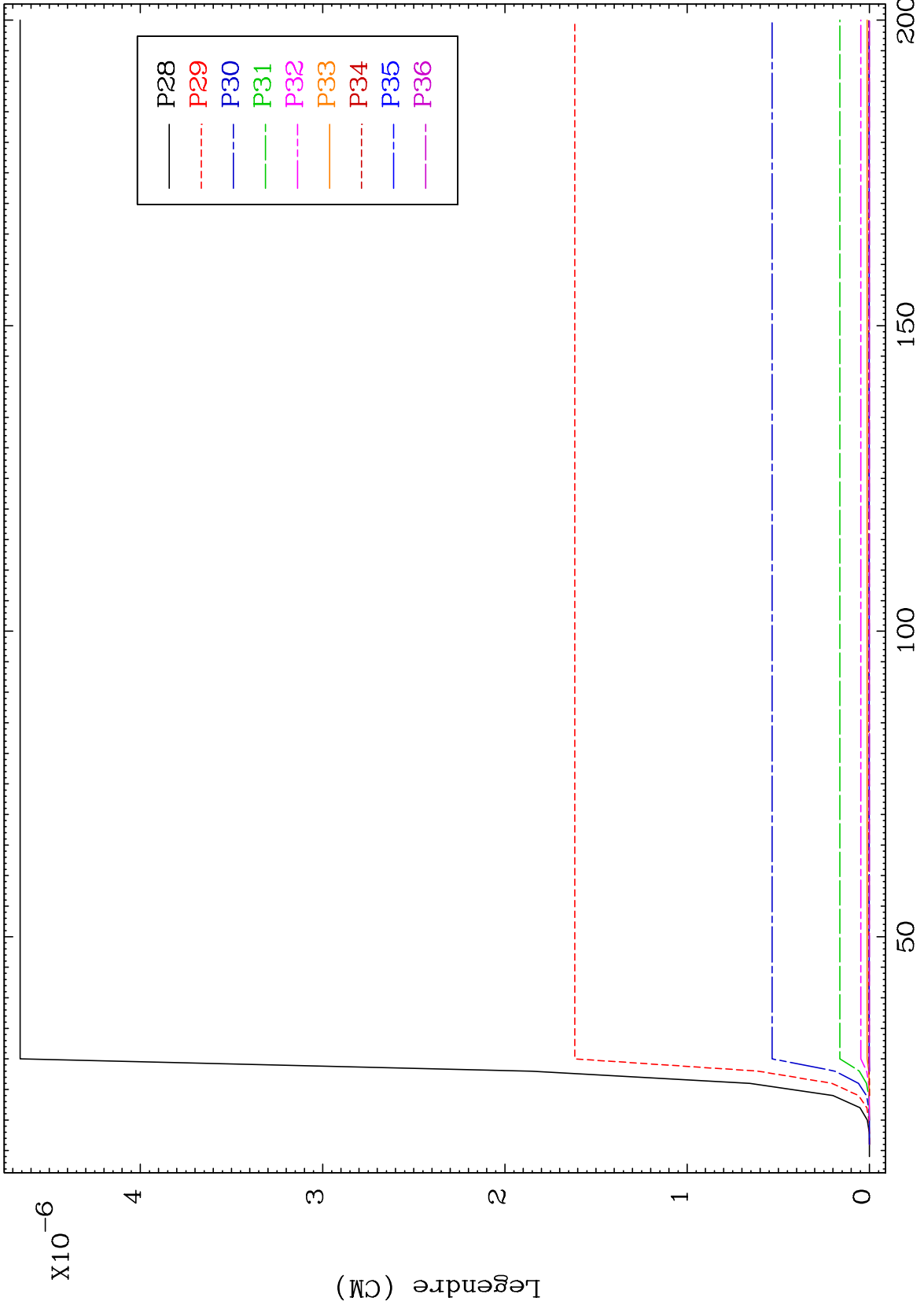
MAT 5610 MT= 51 (n,n') Level Legendre Coefficients 56-Ba-125



MAT 5610

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

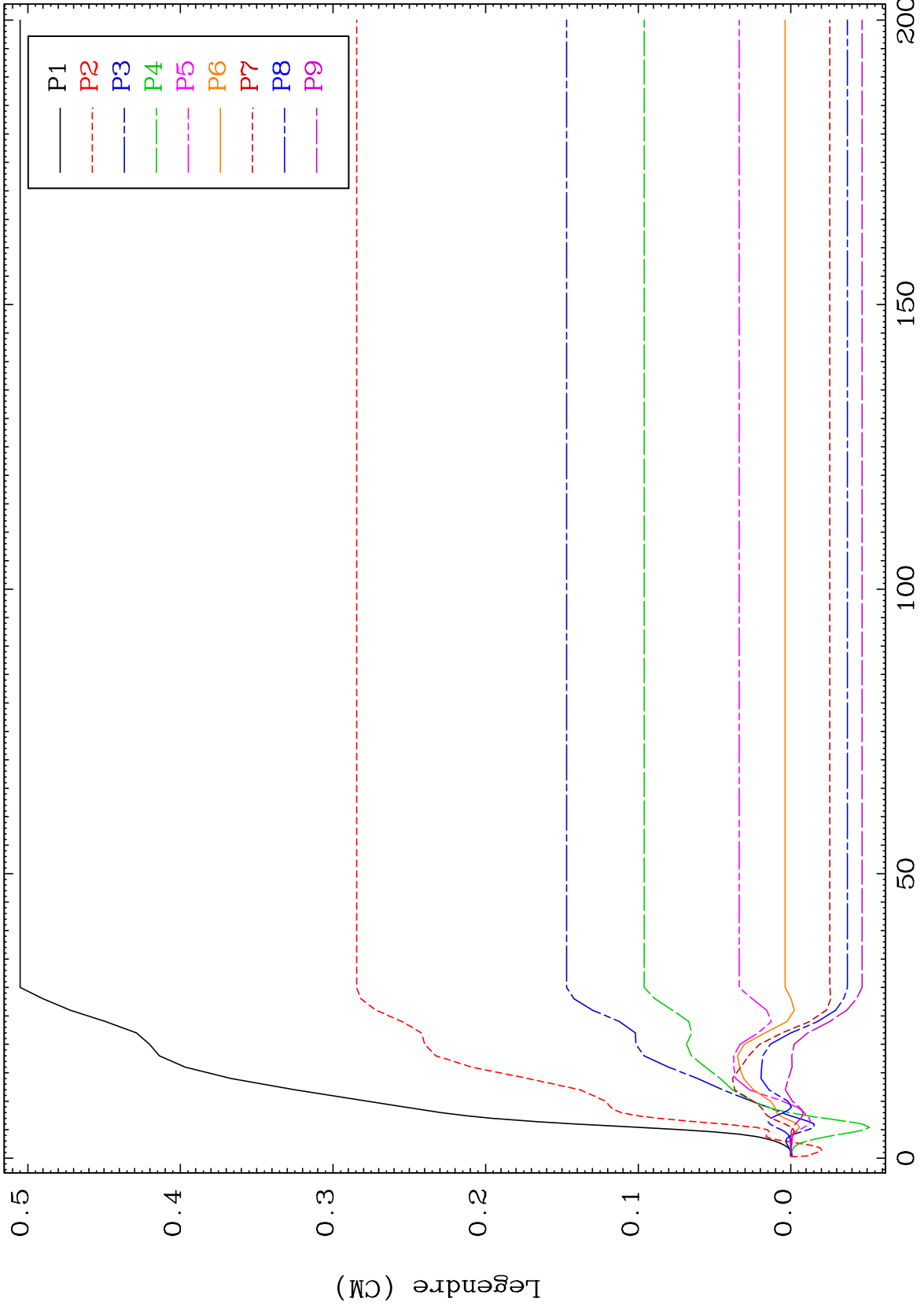
56-Ba-125



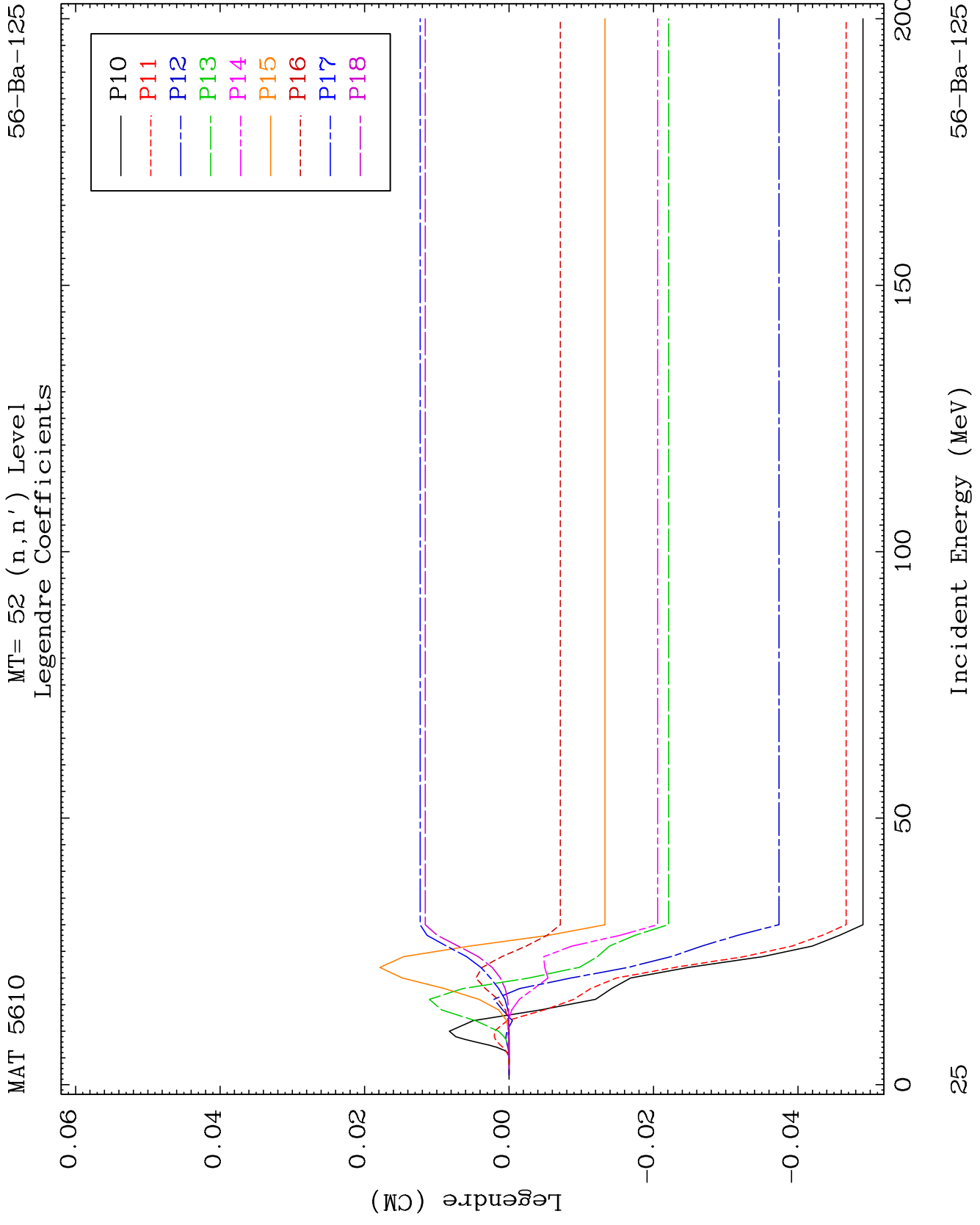
23

56-Ba-125

MAT 5610 MT= 52 (n,n') Level Legendre Coefficients 56-Ba-125



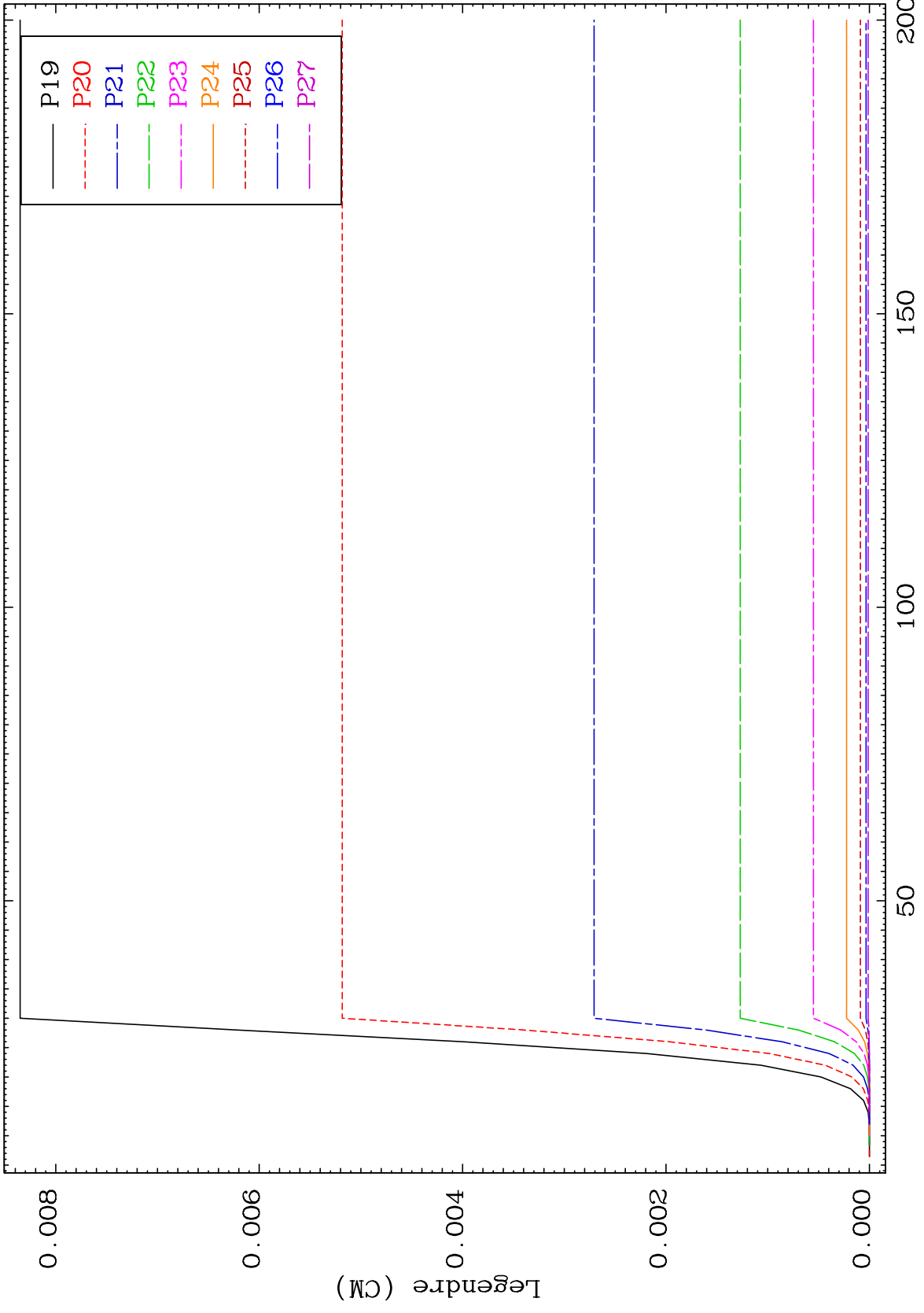
24 56-Ba-125



MAT 5610

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

56-Ba-125



26

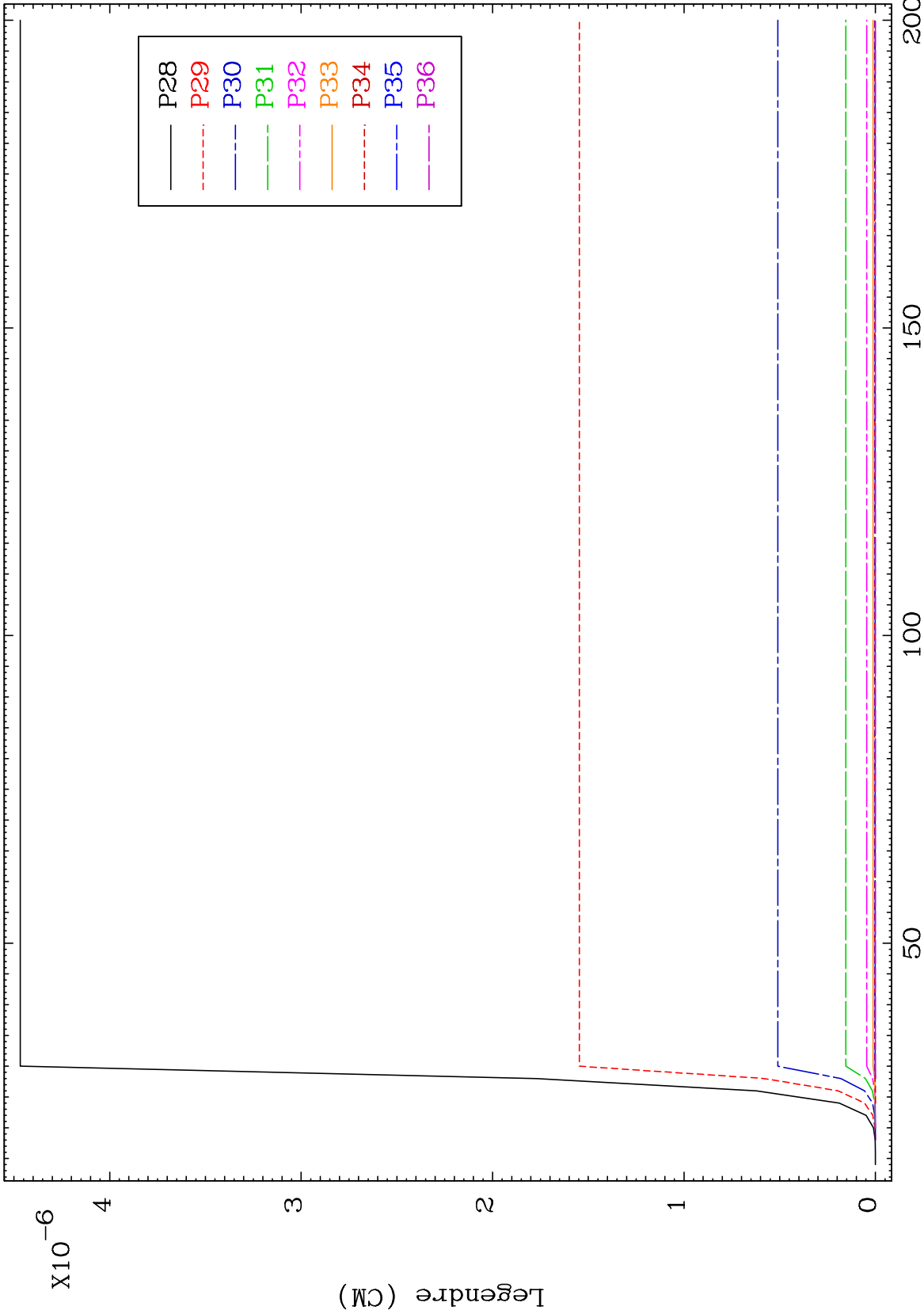
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



27

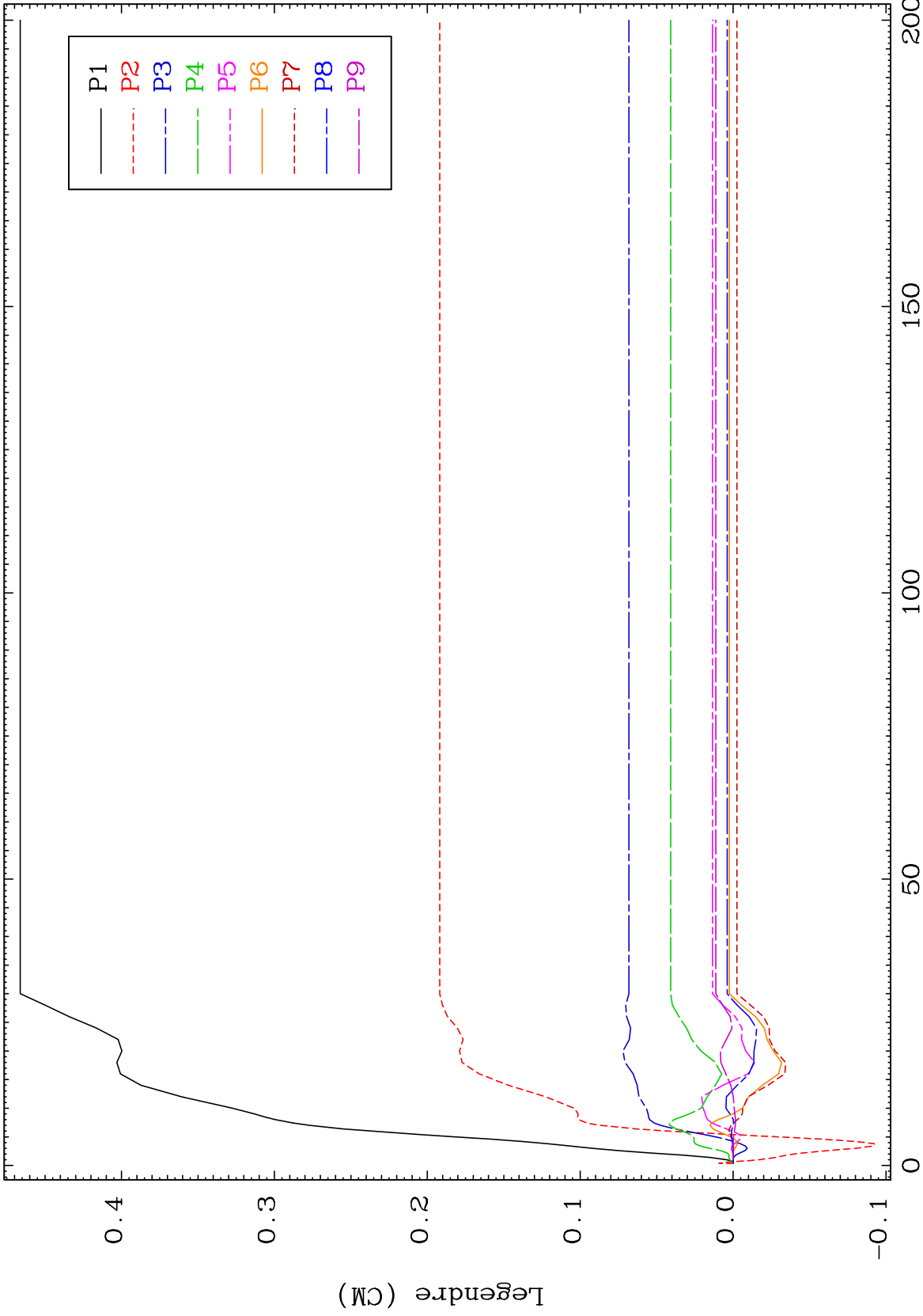
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



28

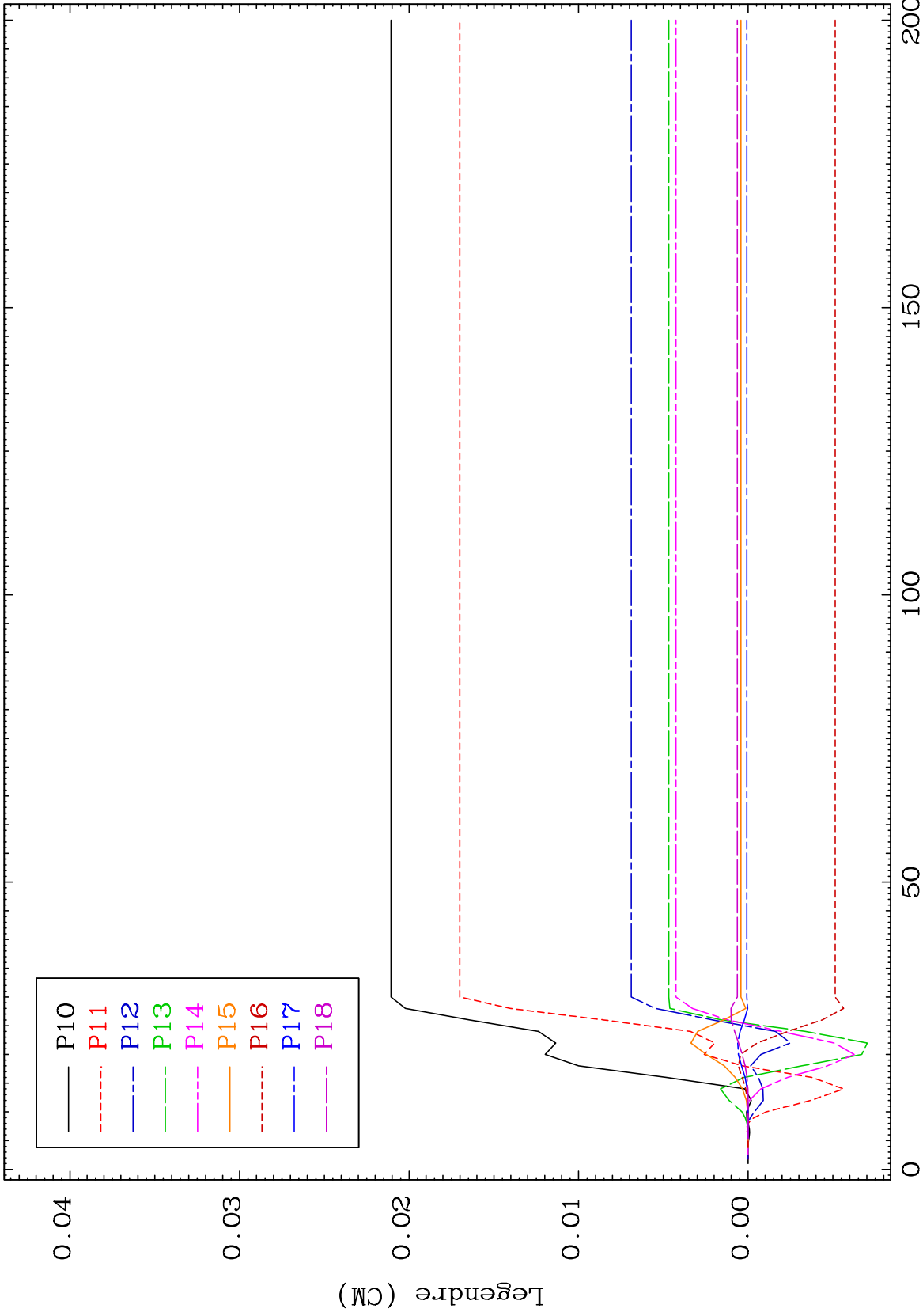
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



29

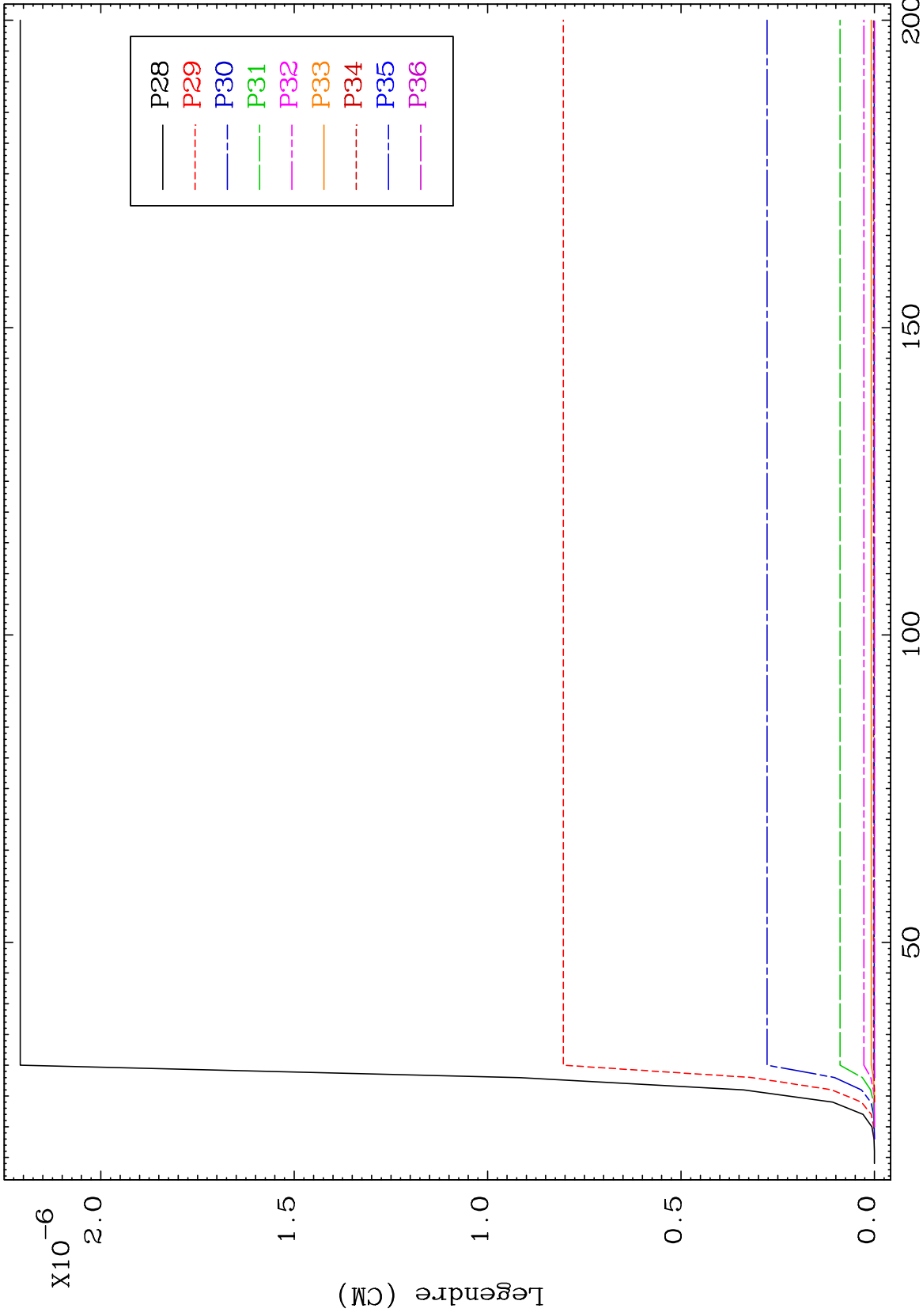
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



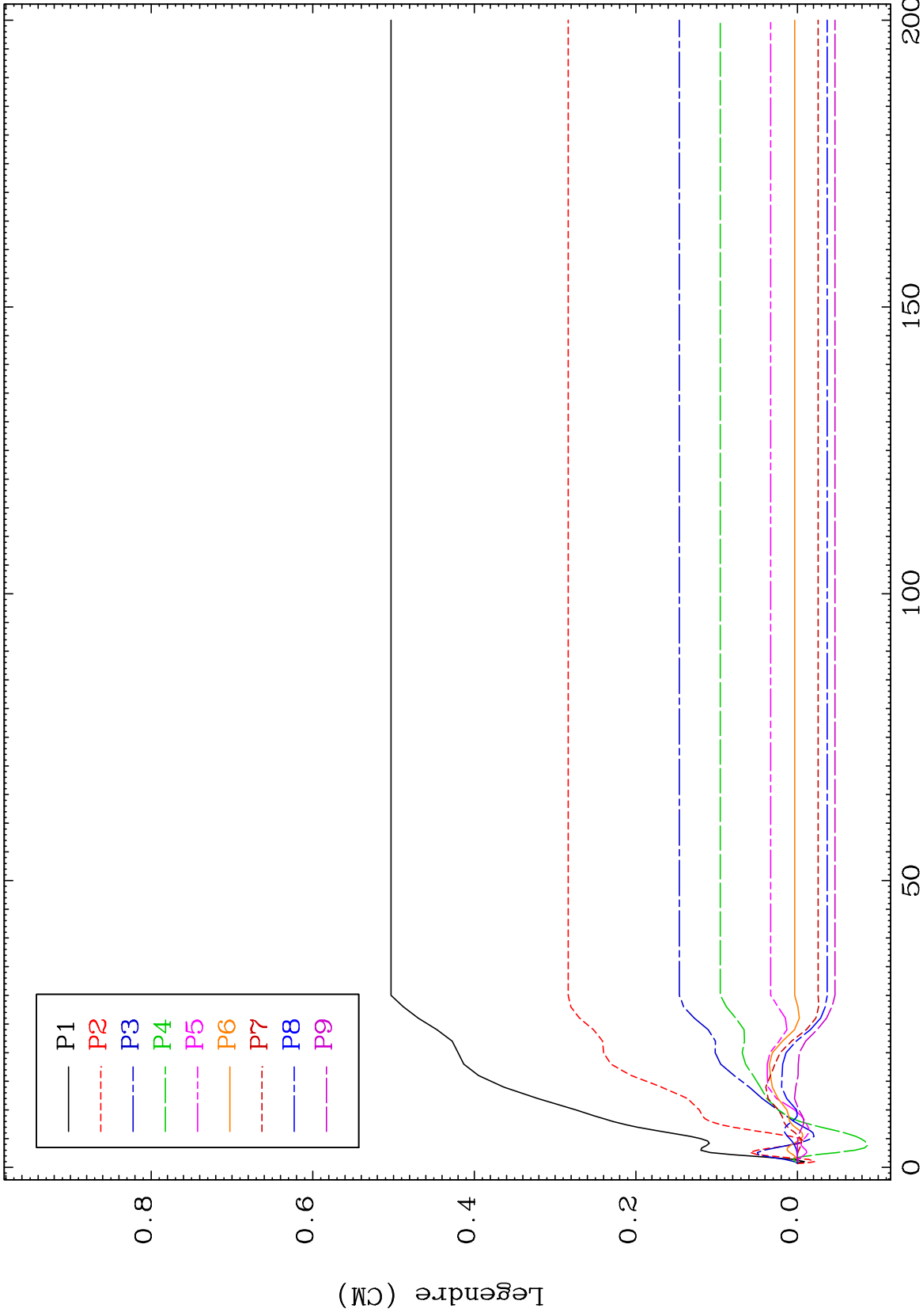
31

56-Ba-125

MAT 5610

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

56-Ba-125



32

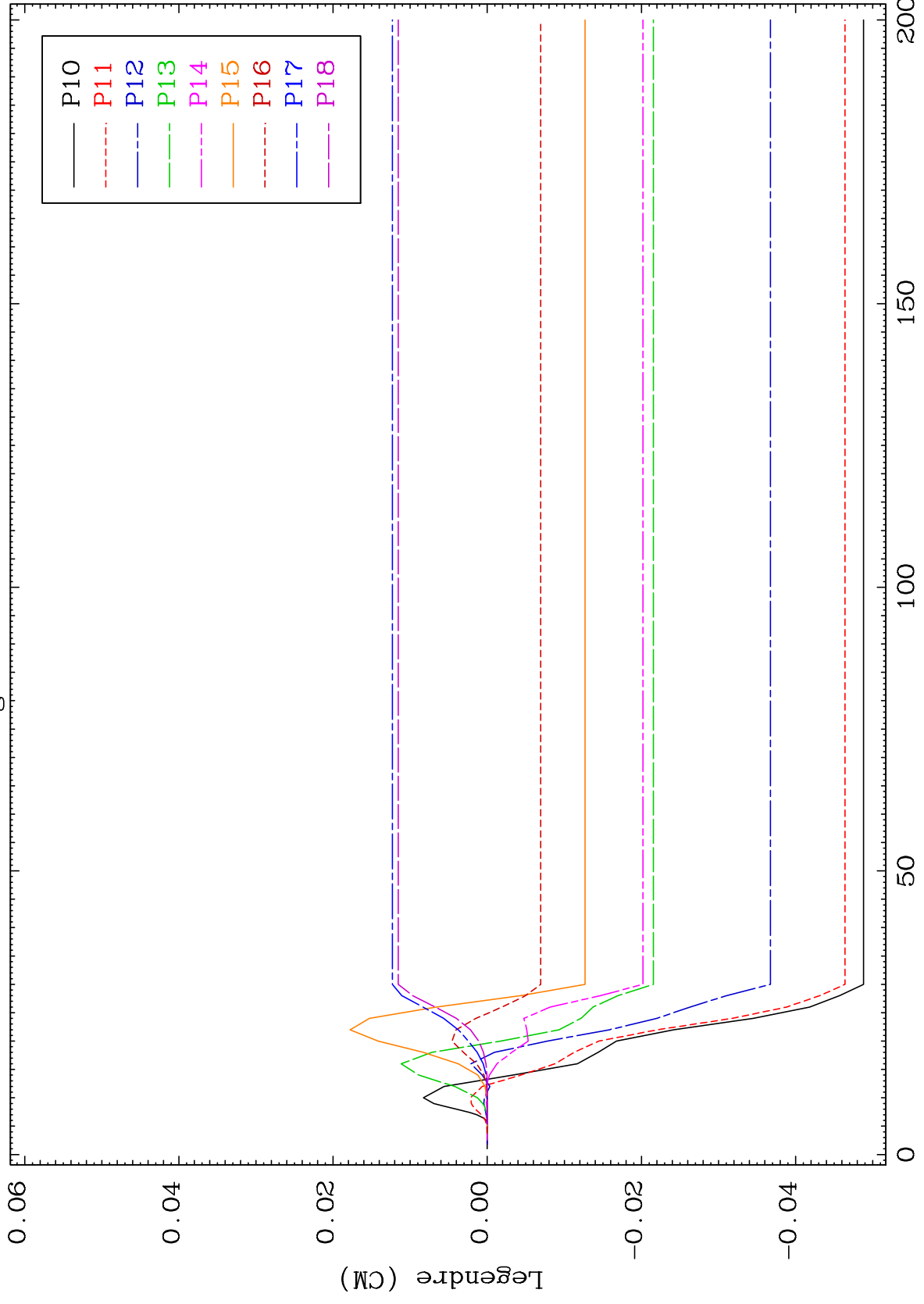
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

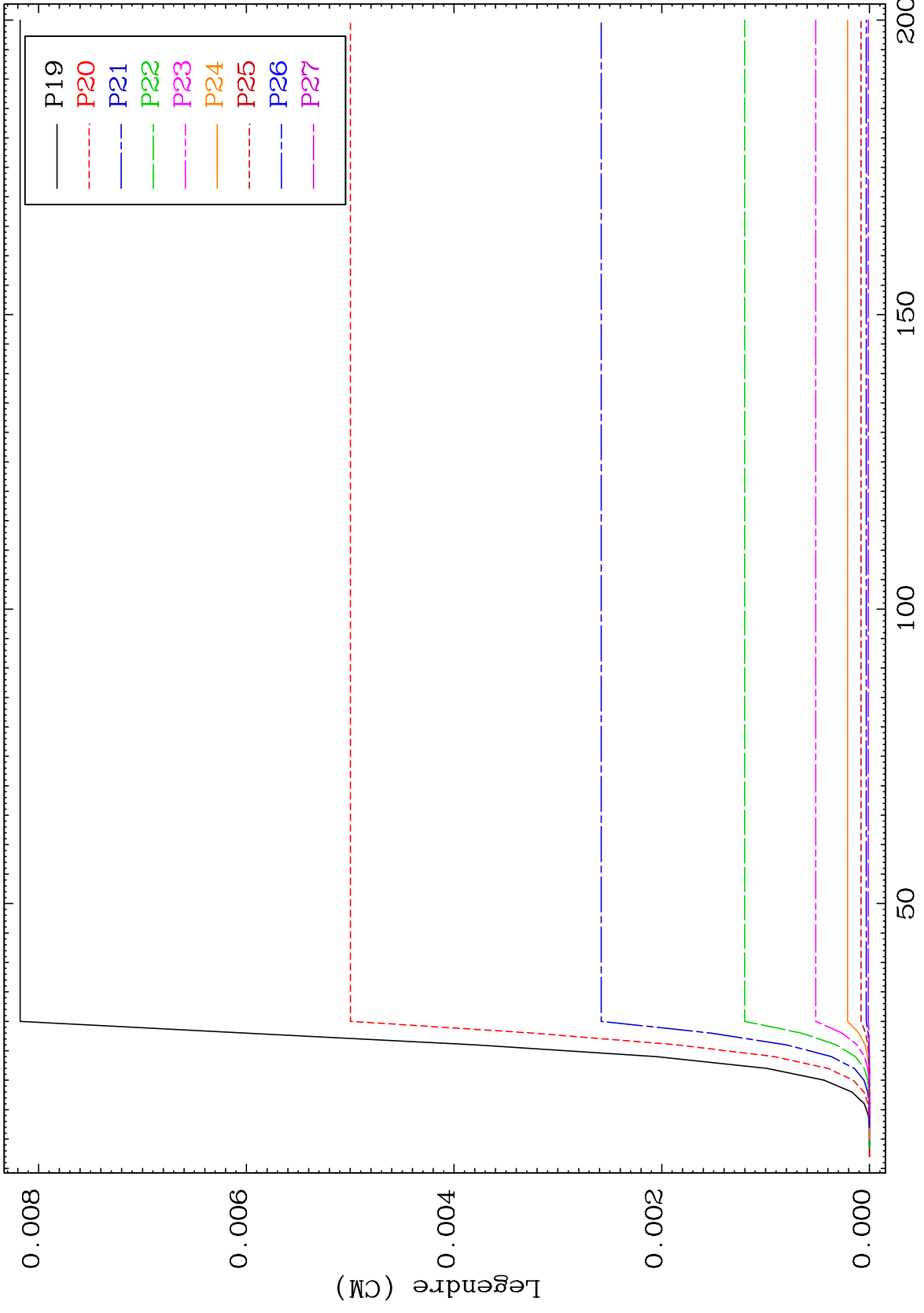
56-Ba-125



33

56-Ba-125

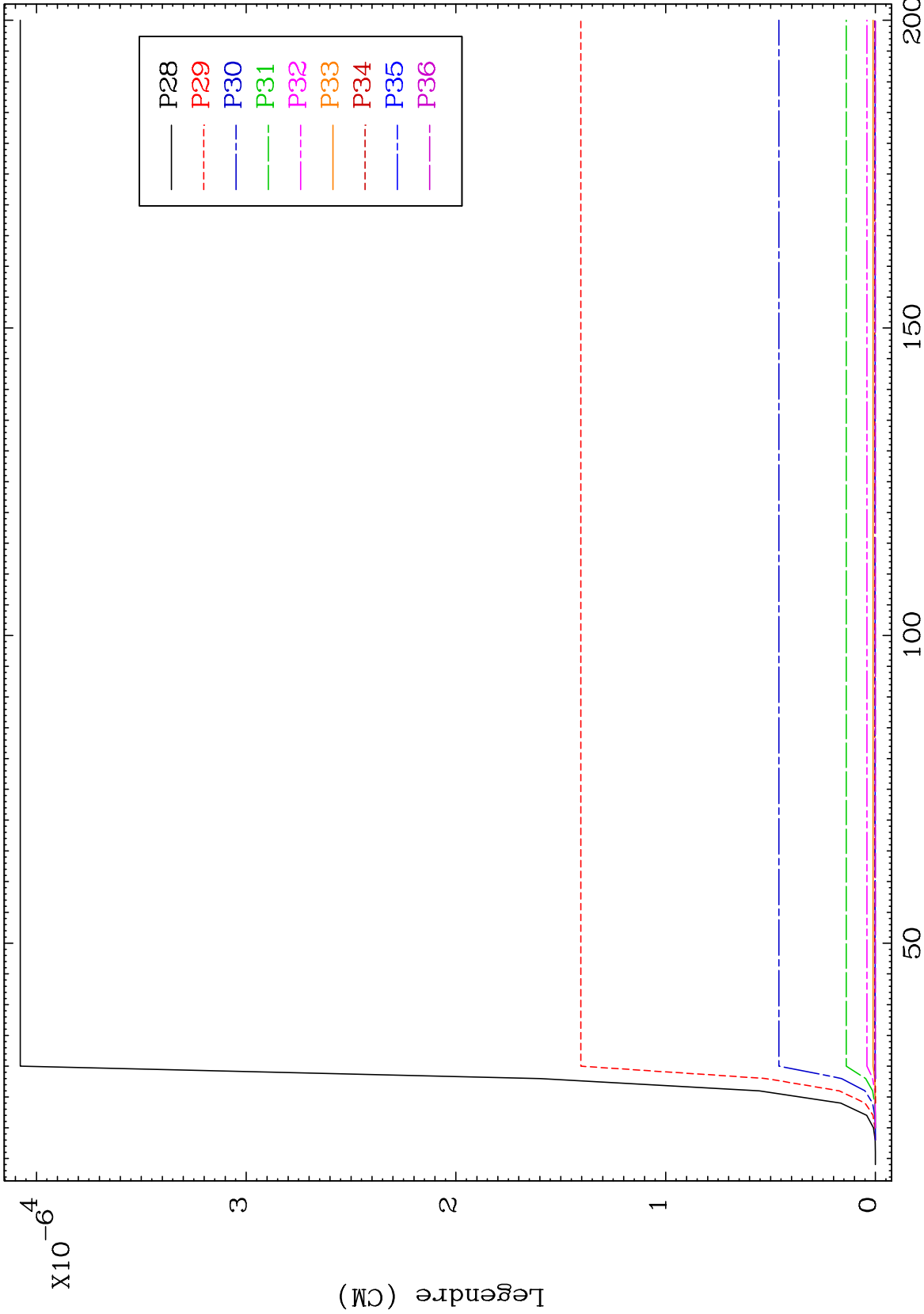
MAT 5610 MT= 54 (n,n') Level Legendre Coefficients 56-Ba-125



MAT 5610

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

56-Ba-125



35

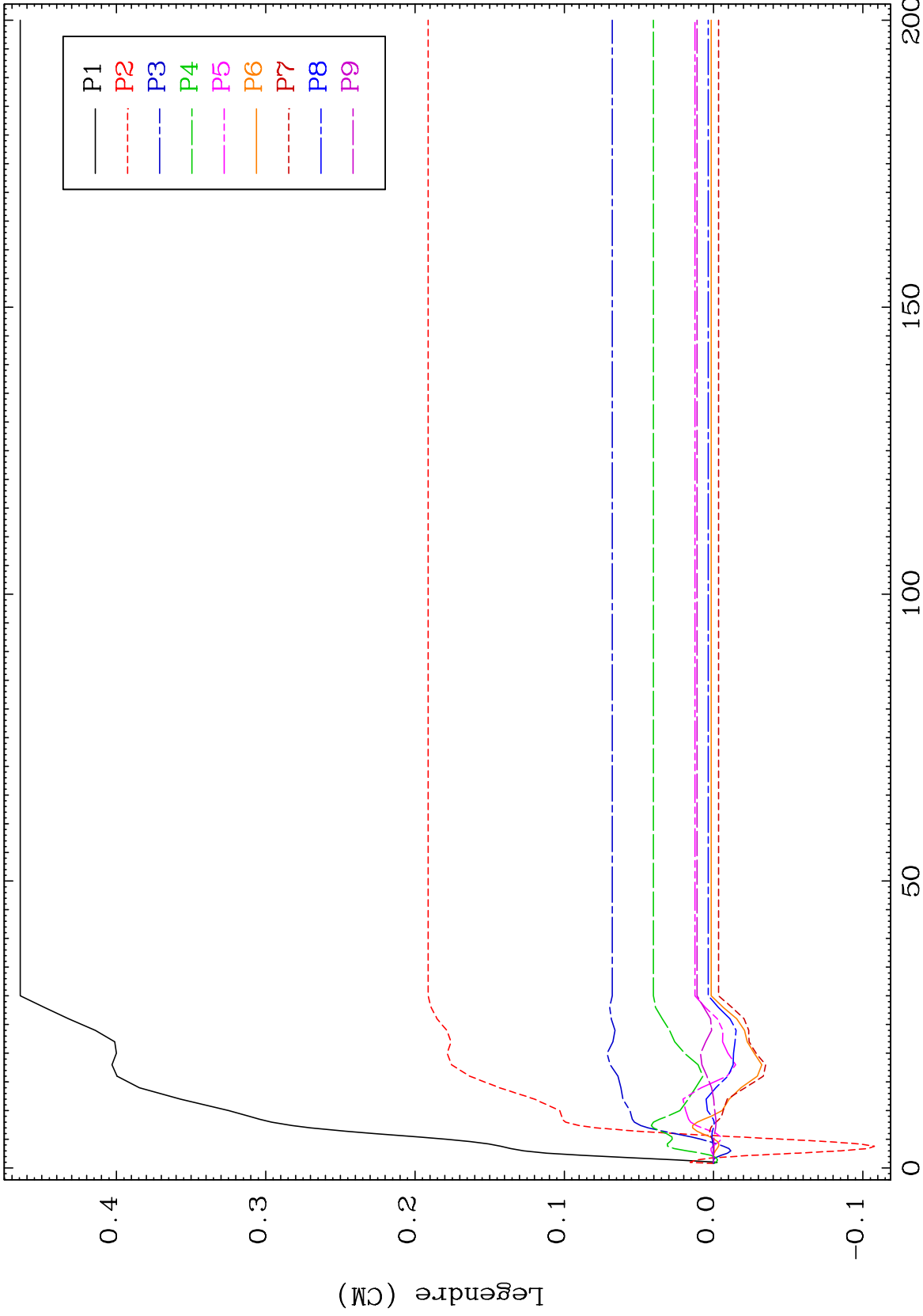
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



36

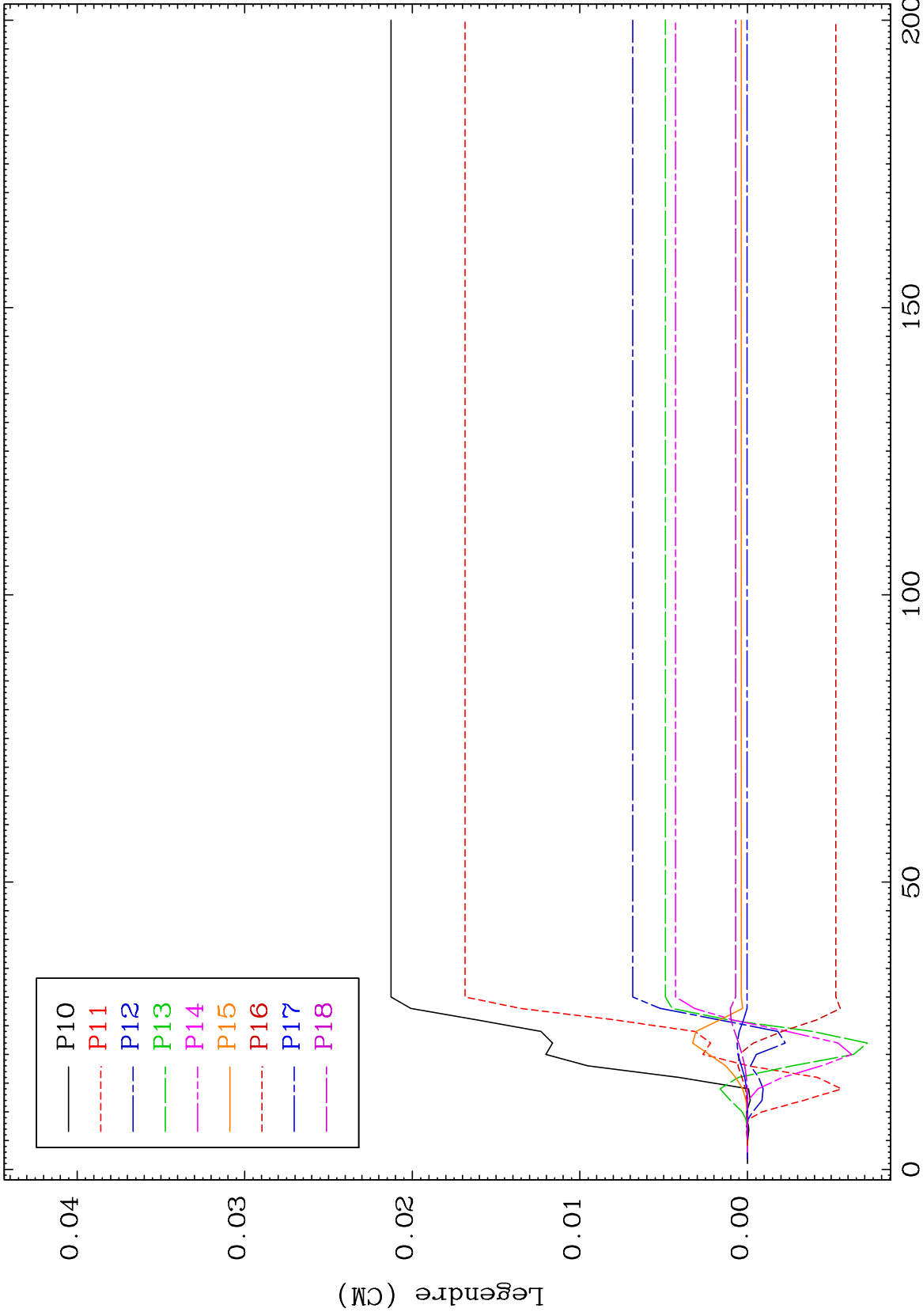
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



37

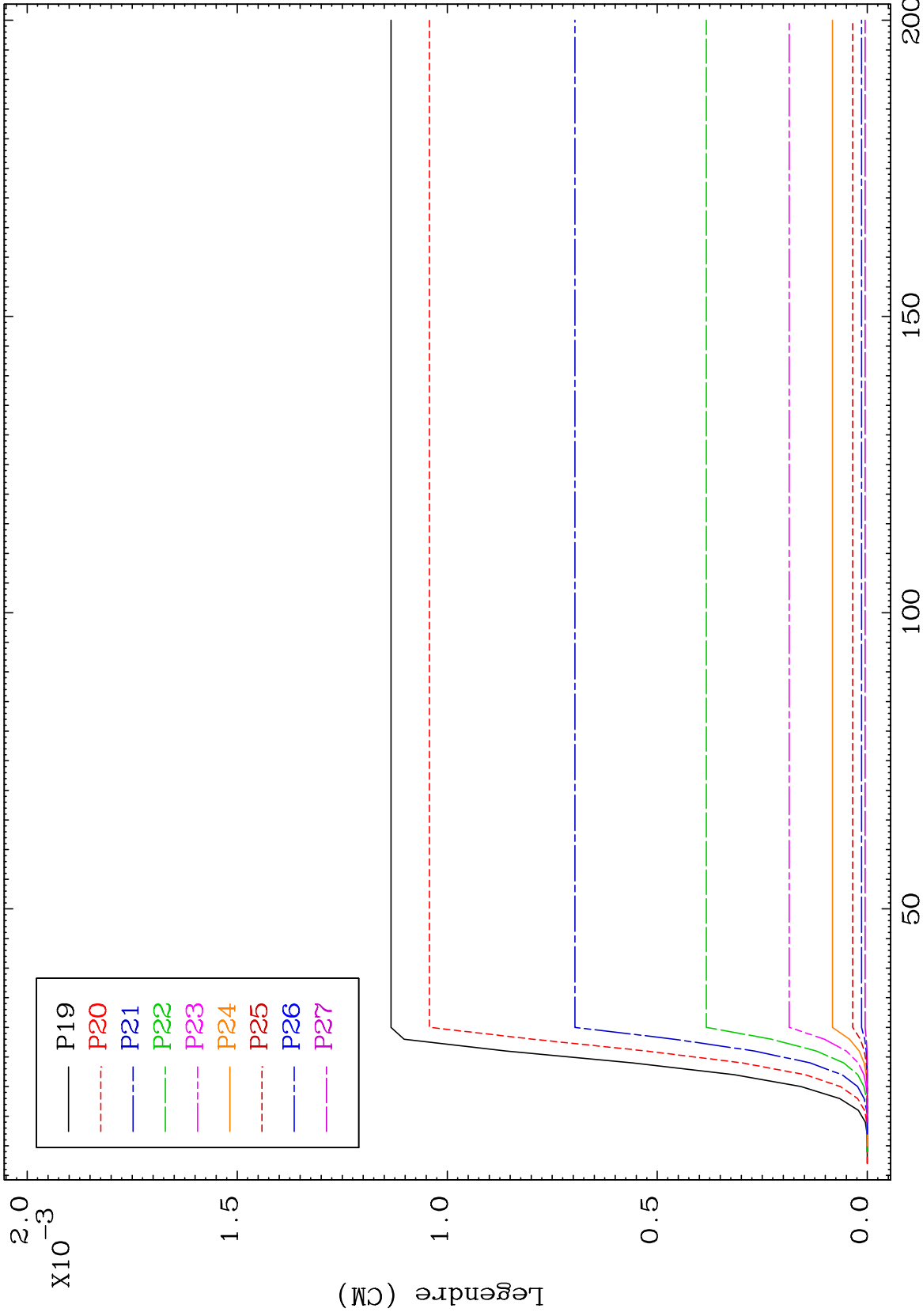
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



38

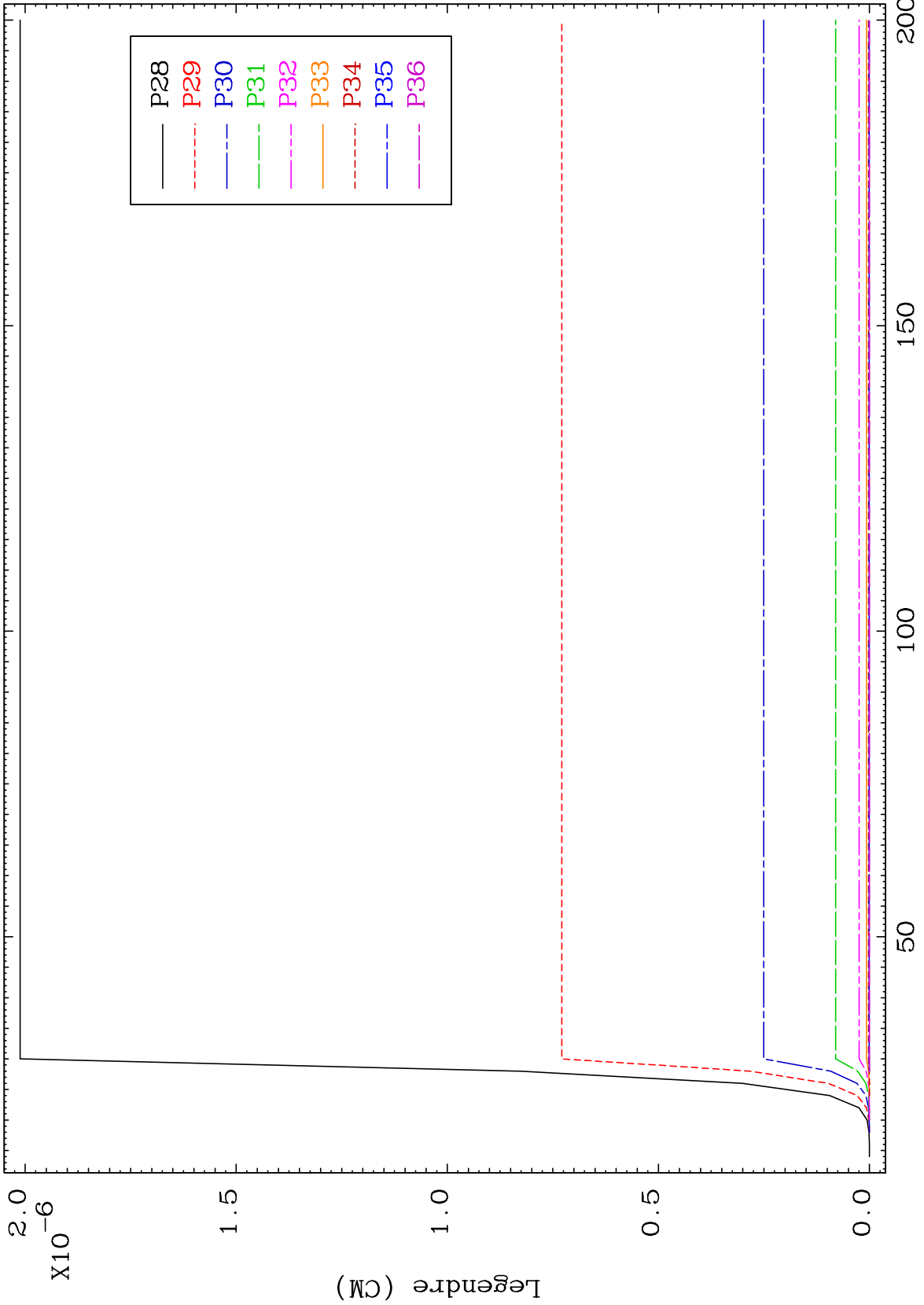
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125

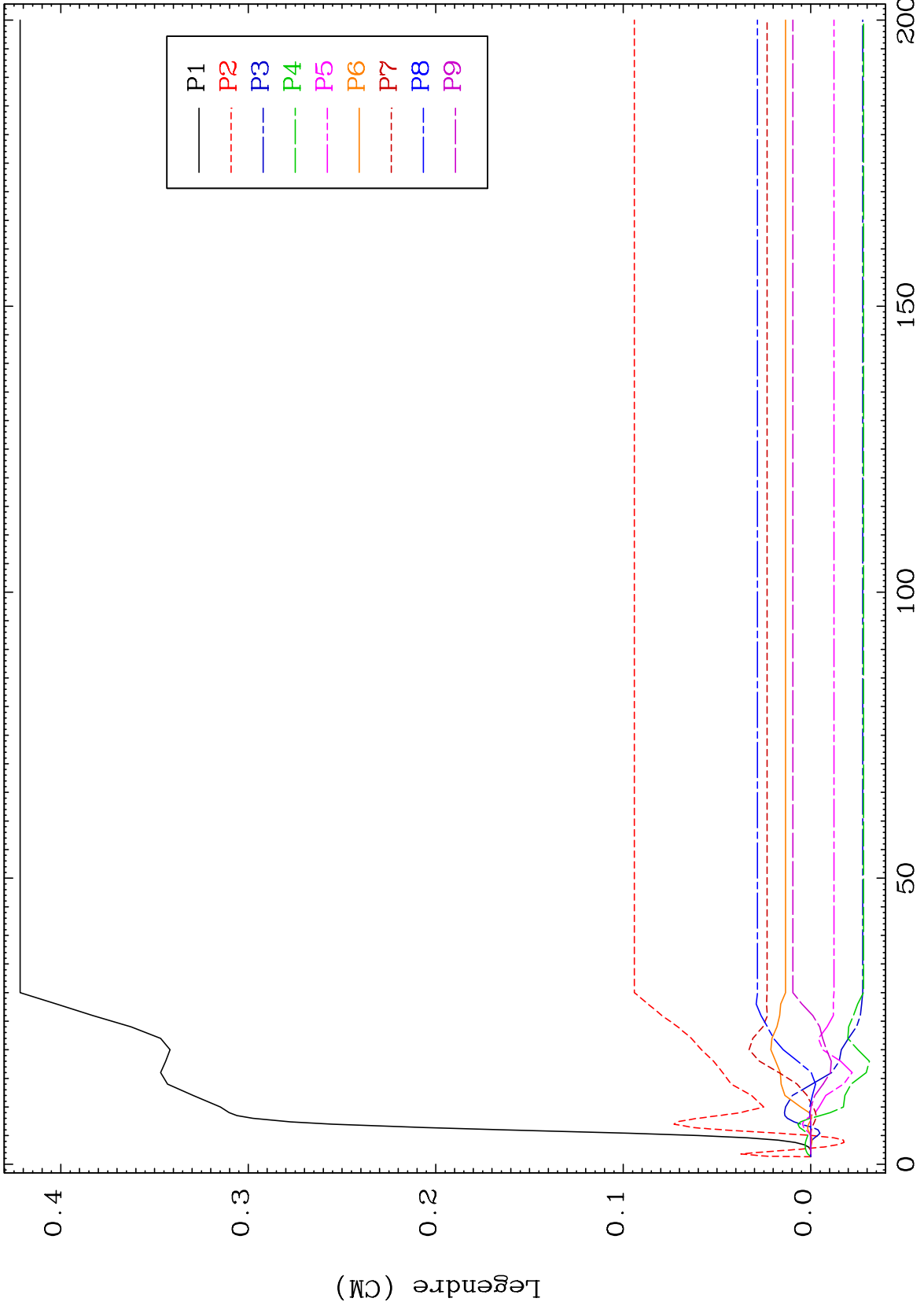


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Incident Energy (MeV)

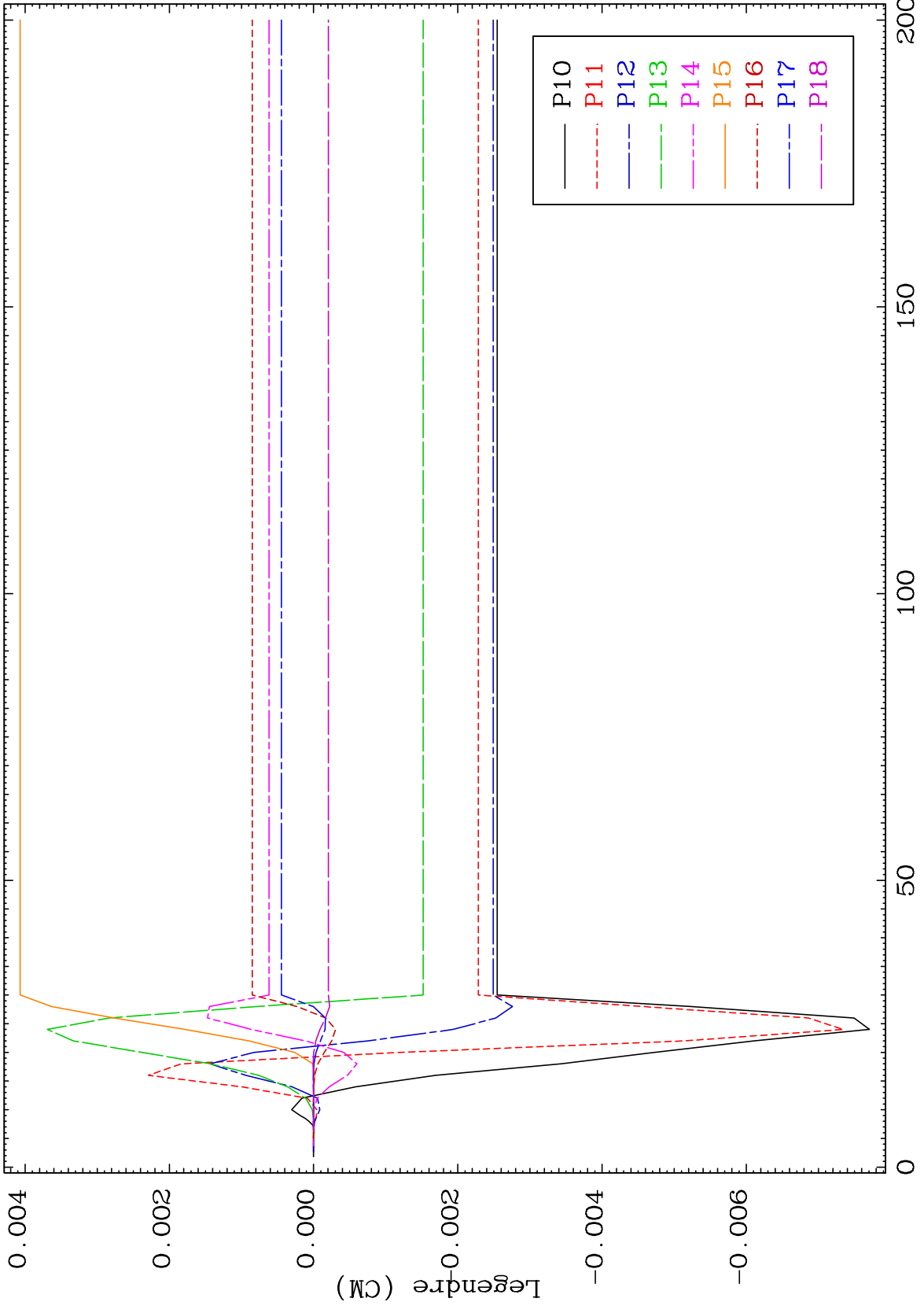
56-Ba-125

MAT 5610 MT= 56 (n,n') Level Legendre Coefficients 56-Ba-125



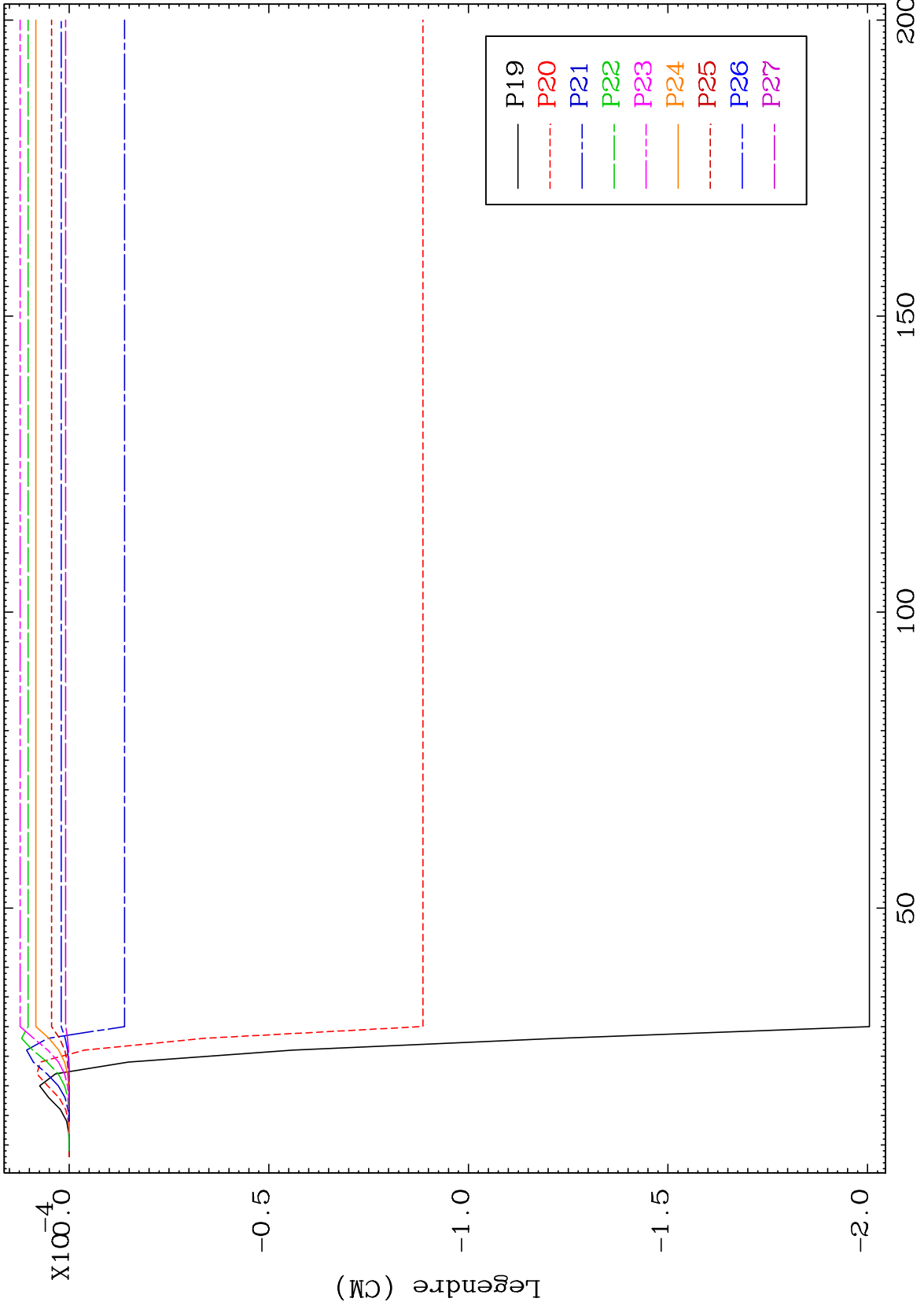
56-Ba-125 Incident Energy (MeV)

MAT 5610 MT= 56 (n,n') Level Legendre Coefficients 56-Ba-125



41 56-Ba-125

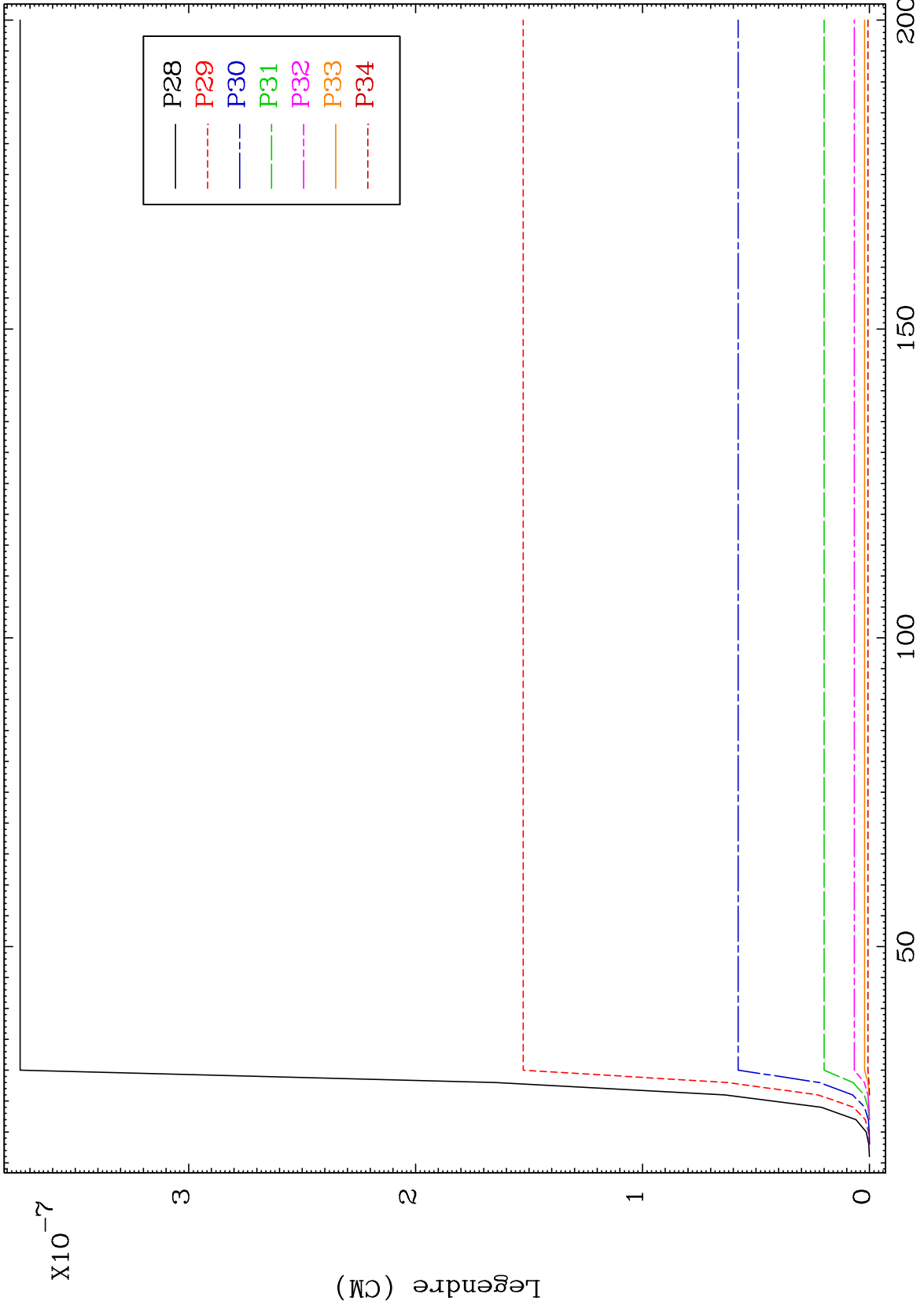
MAT 5610 MT= 56 (n,n') Level Legendre Coefficients 56-Ba-125



MAT 5610

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

56-Ba-125



43

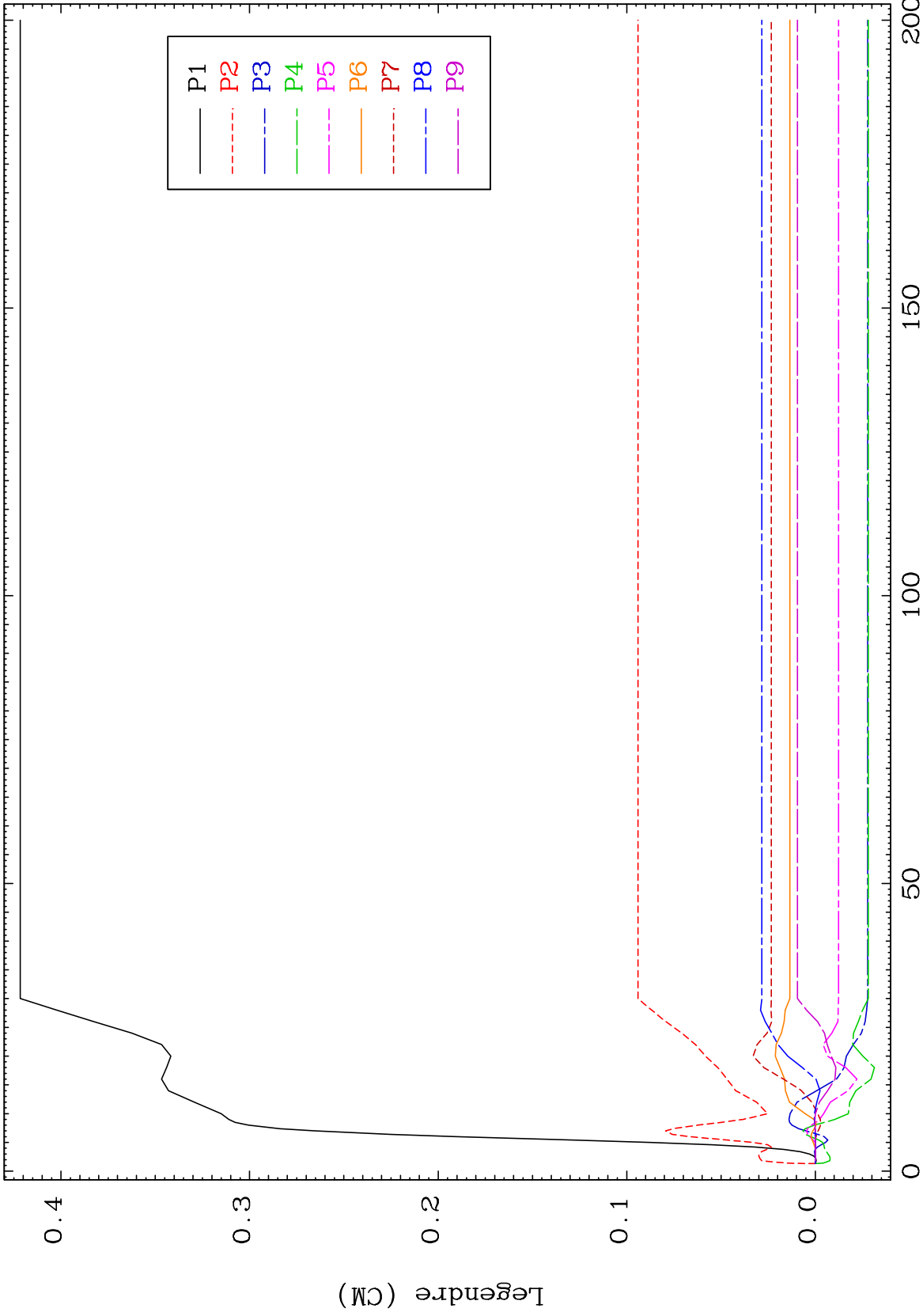
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125

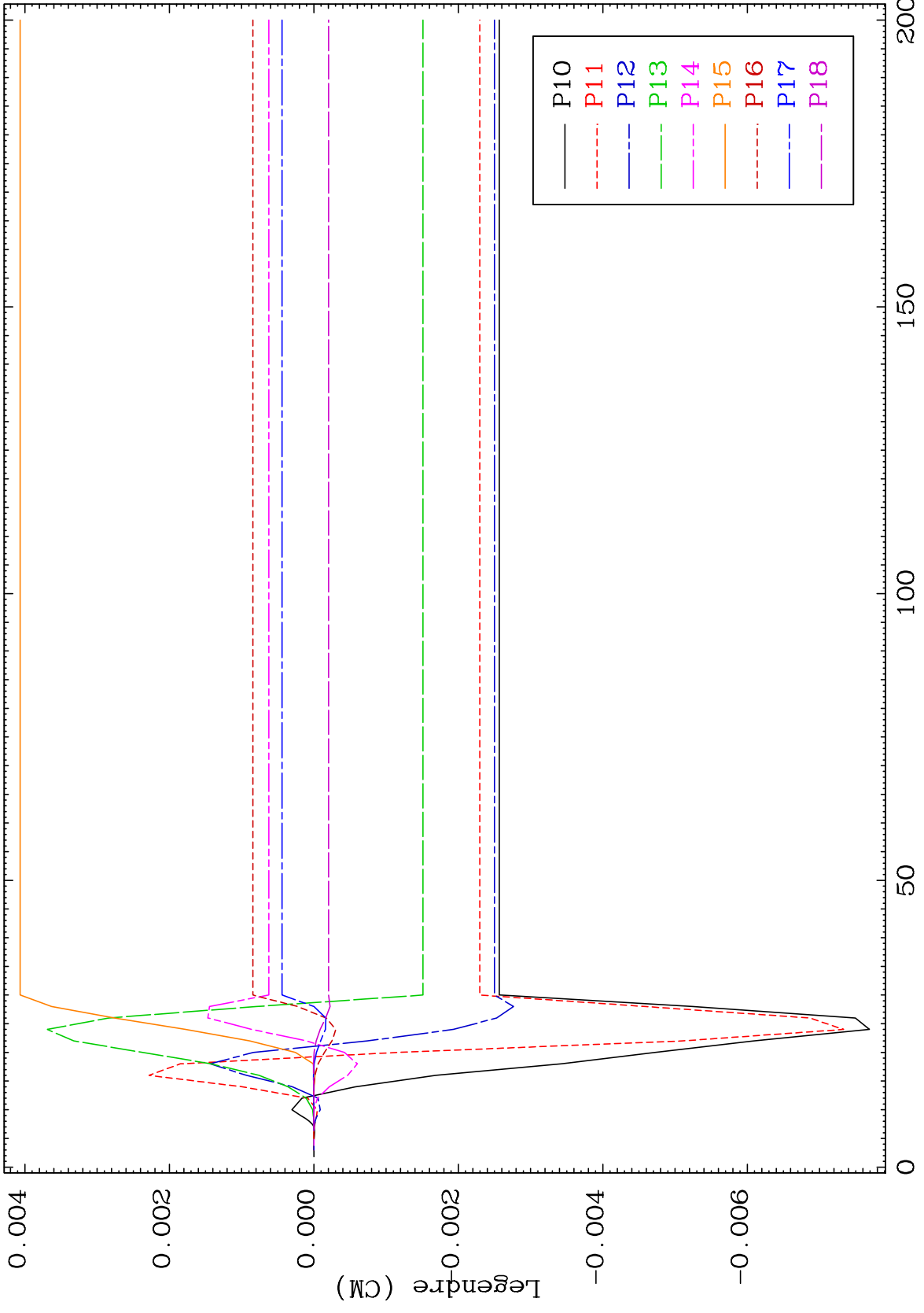


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Incident Energy (MeV)

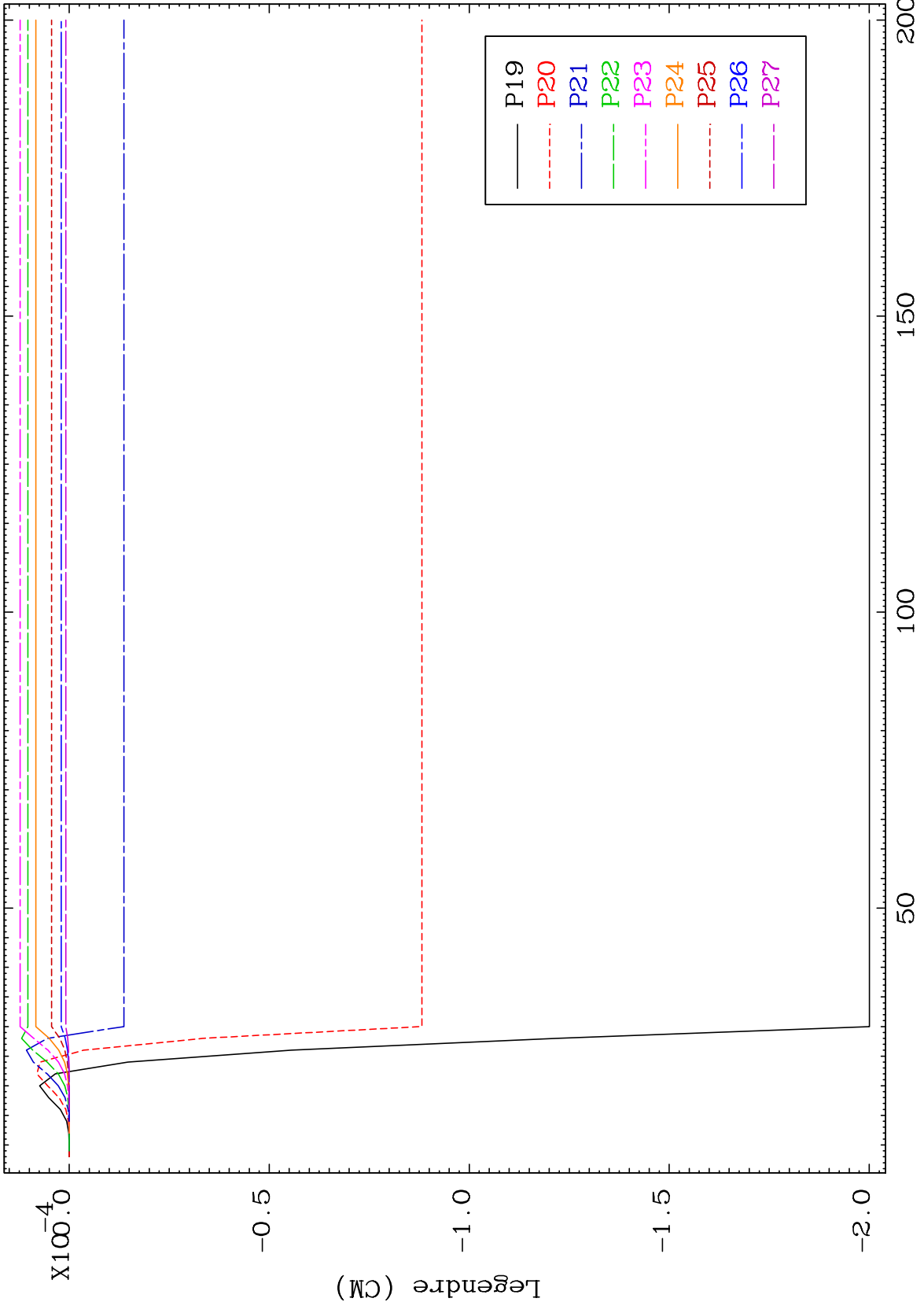
56-Ba-125

MAT 5610 MT= 57 (n,n') Level Legendre Coefficients 56-Ba-125



45 56-Ba-125

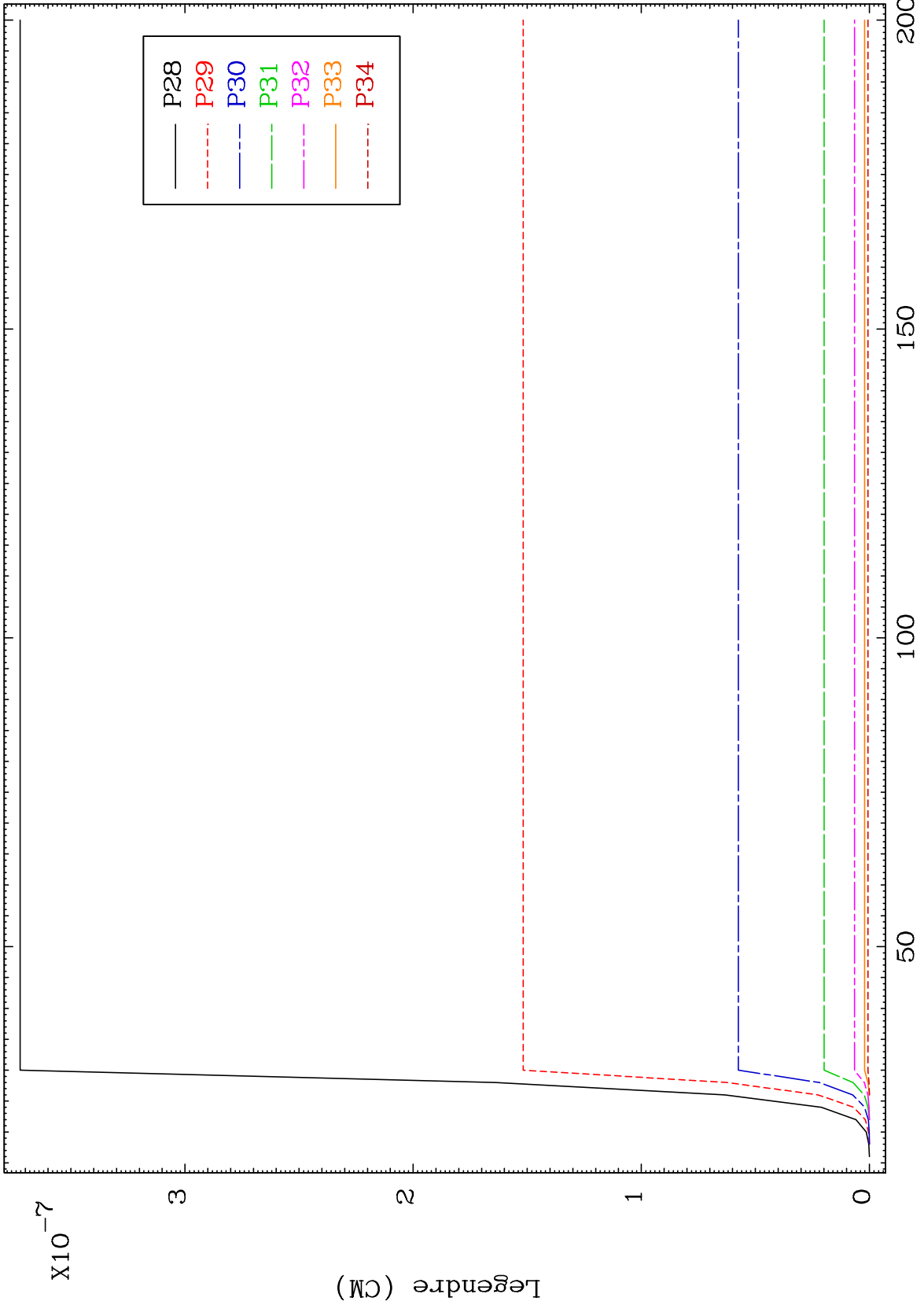
MAT 5610 MT= 57 (n,n') Level Legendre Coefficients 56-Ba-125



MAT 5610

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

56-Ba-125



47

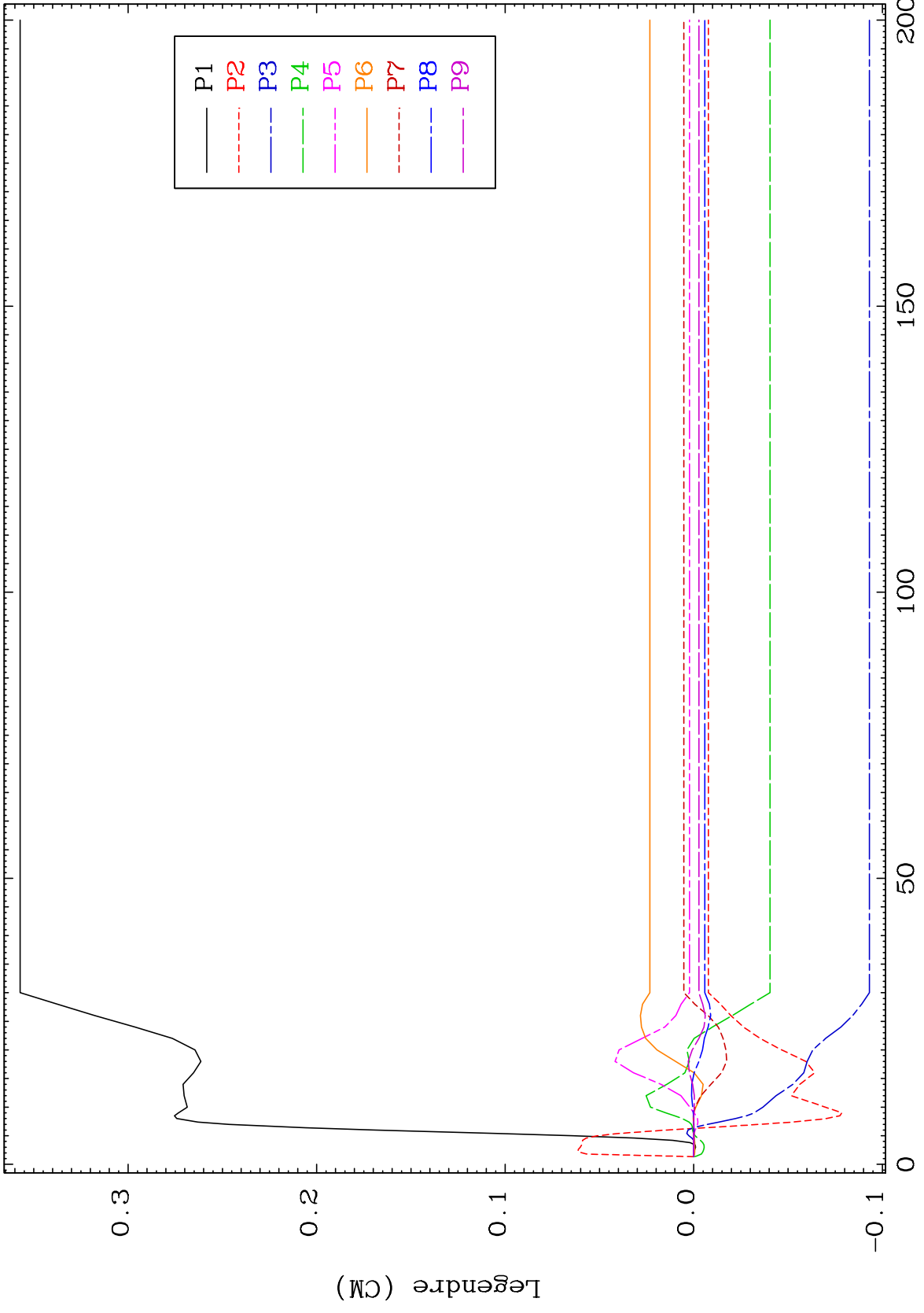
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



48

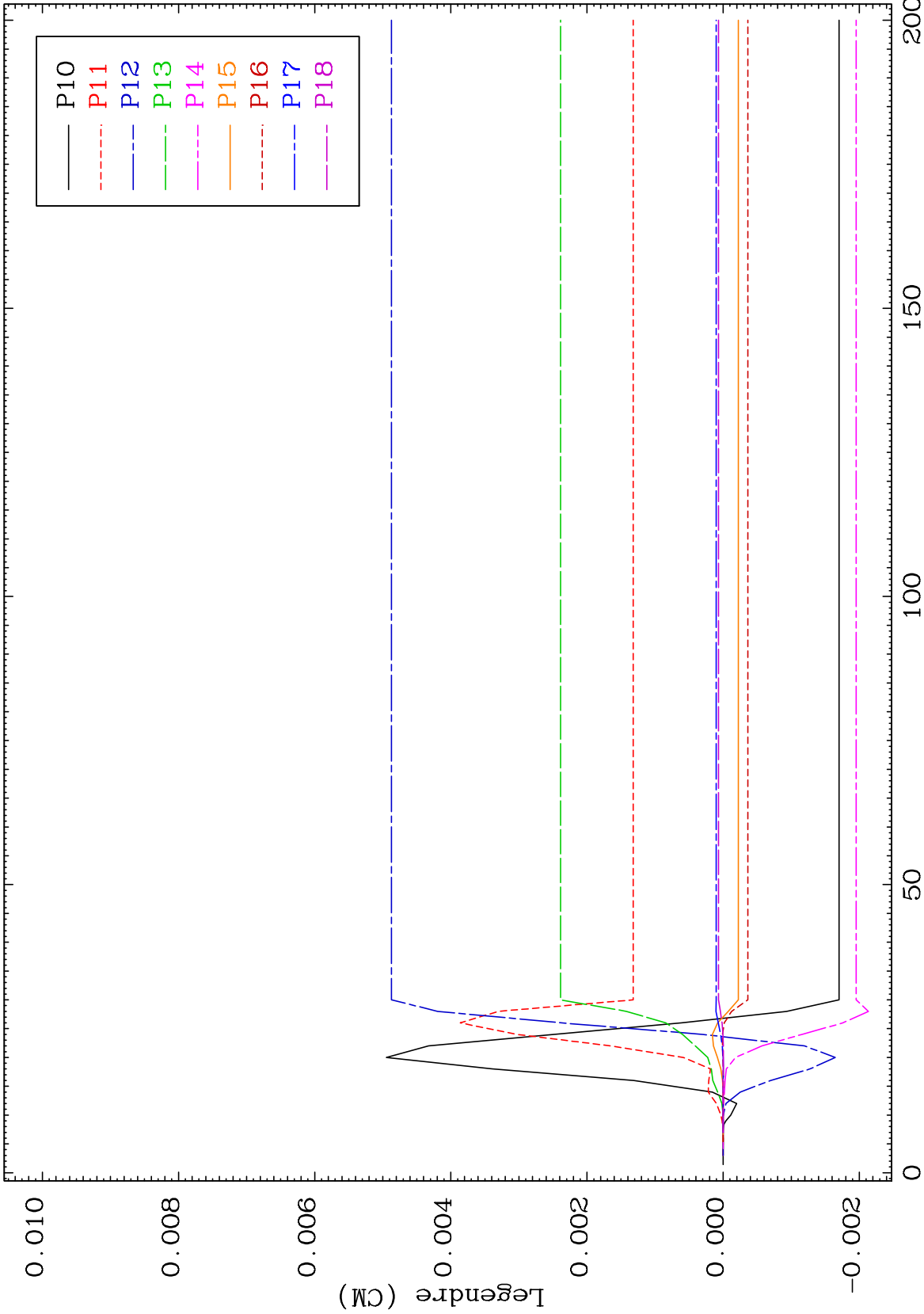
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



49

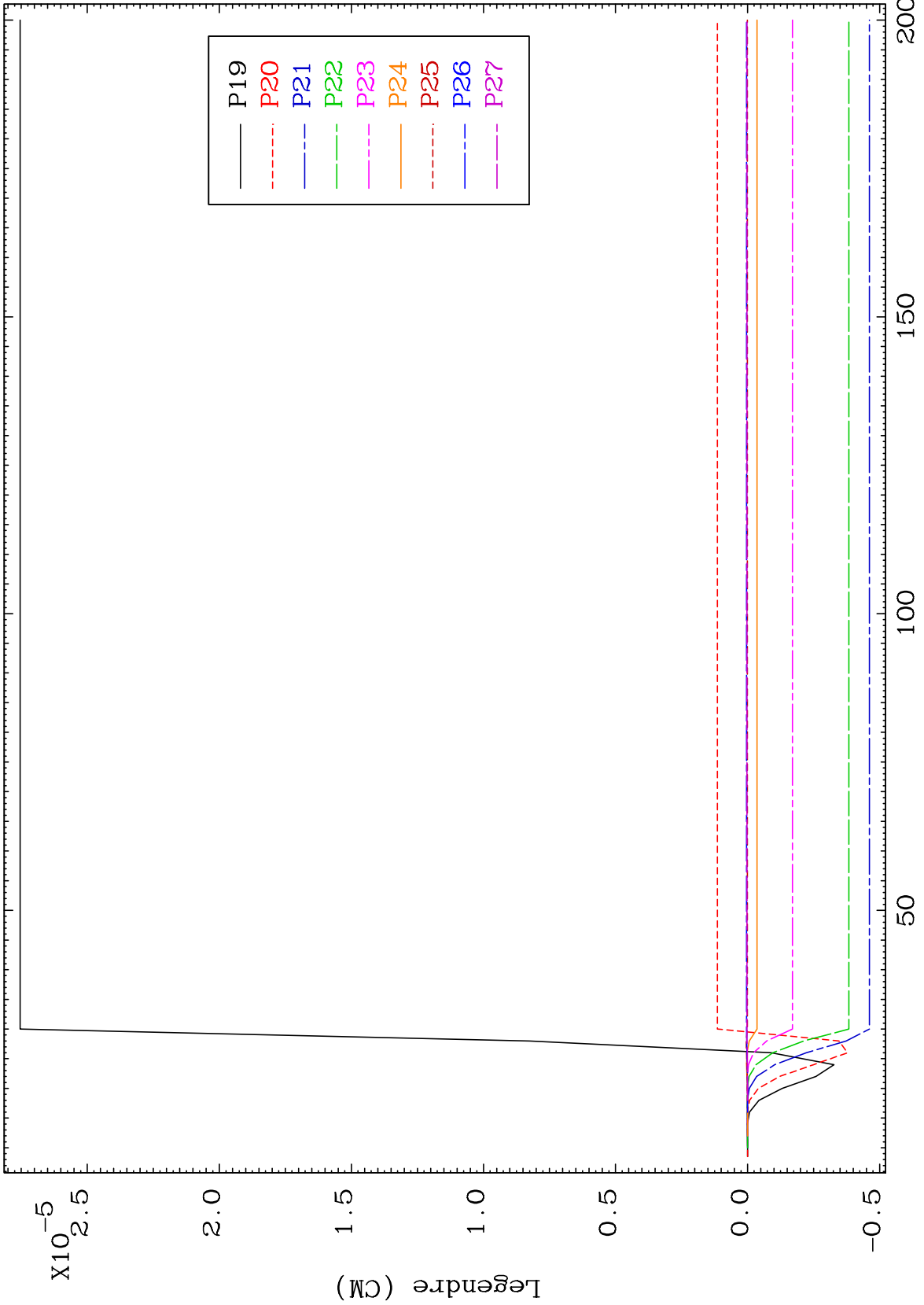
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125

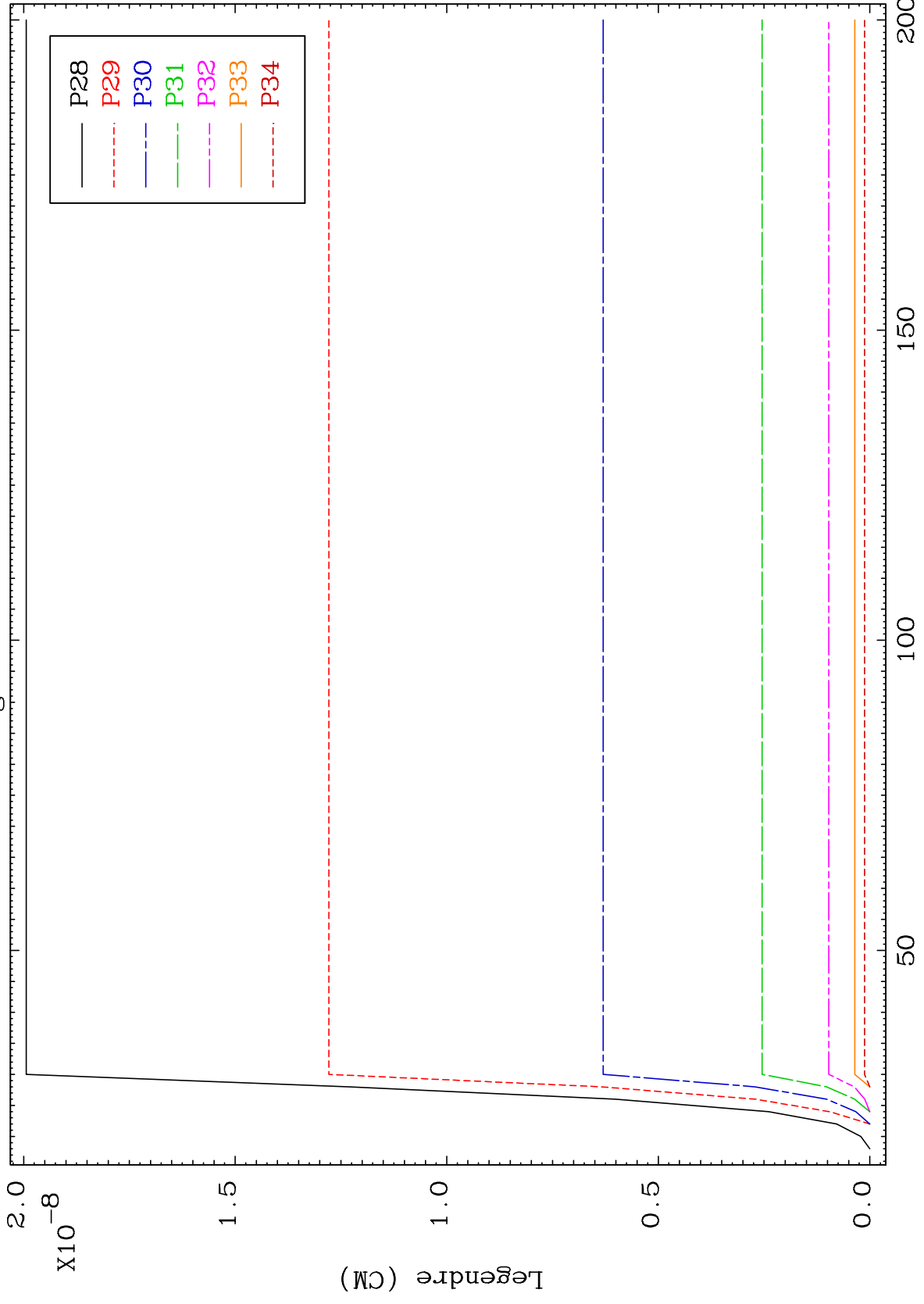


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Incident Energy (MeV)

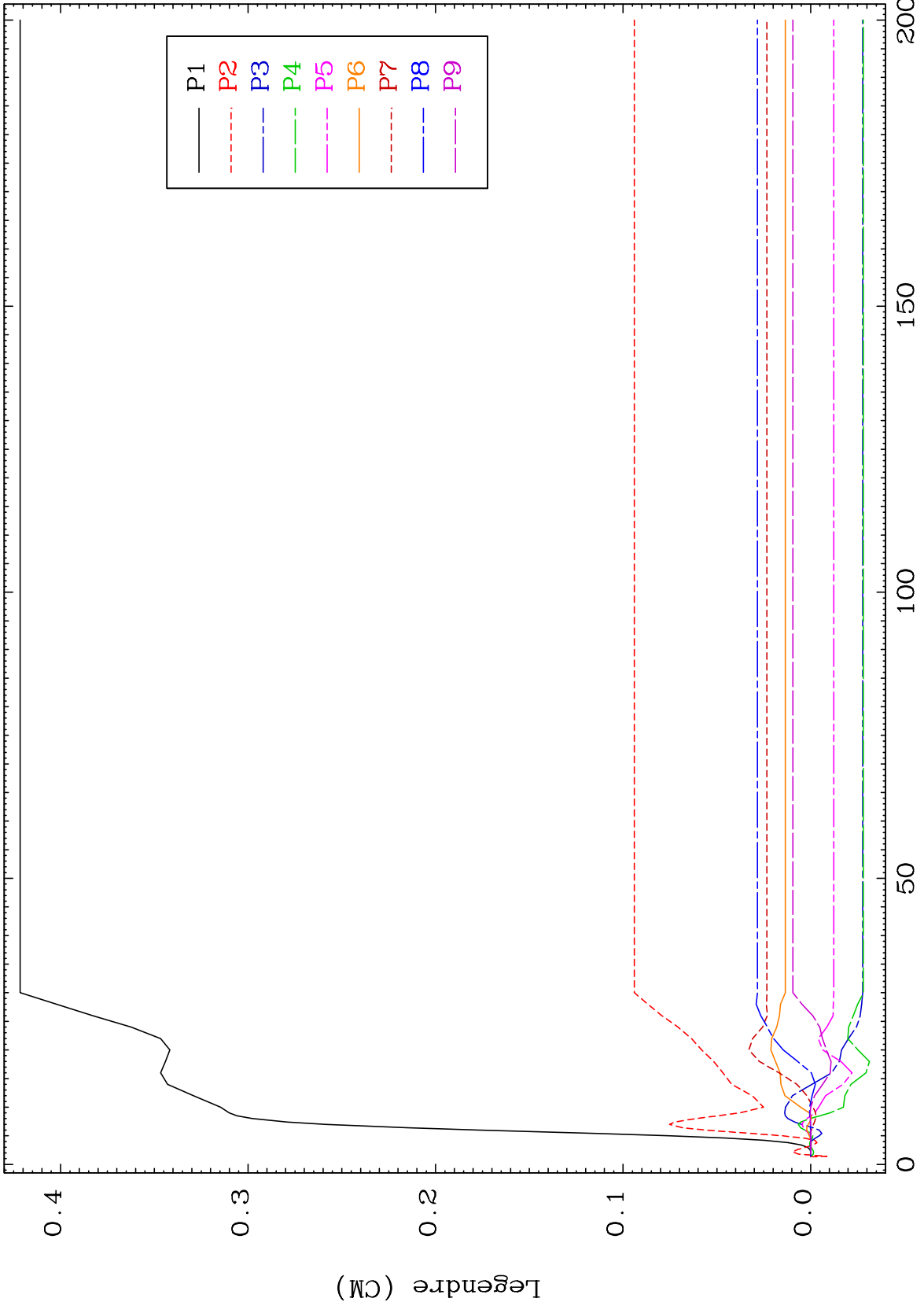
56-Ba-125

MAT 5610 MT= 58 (n,n') Level Legendre Coefficients 56-Ba-125



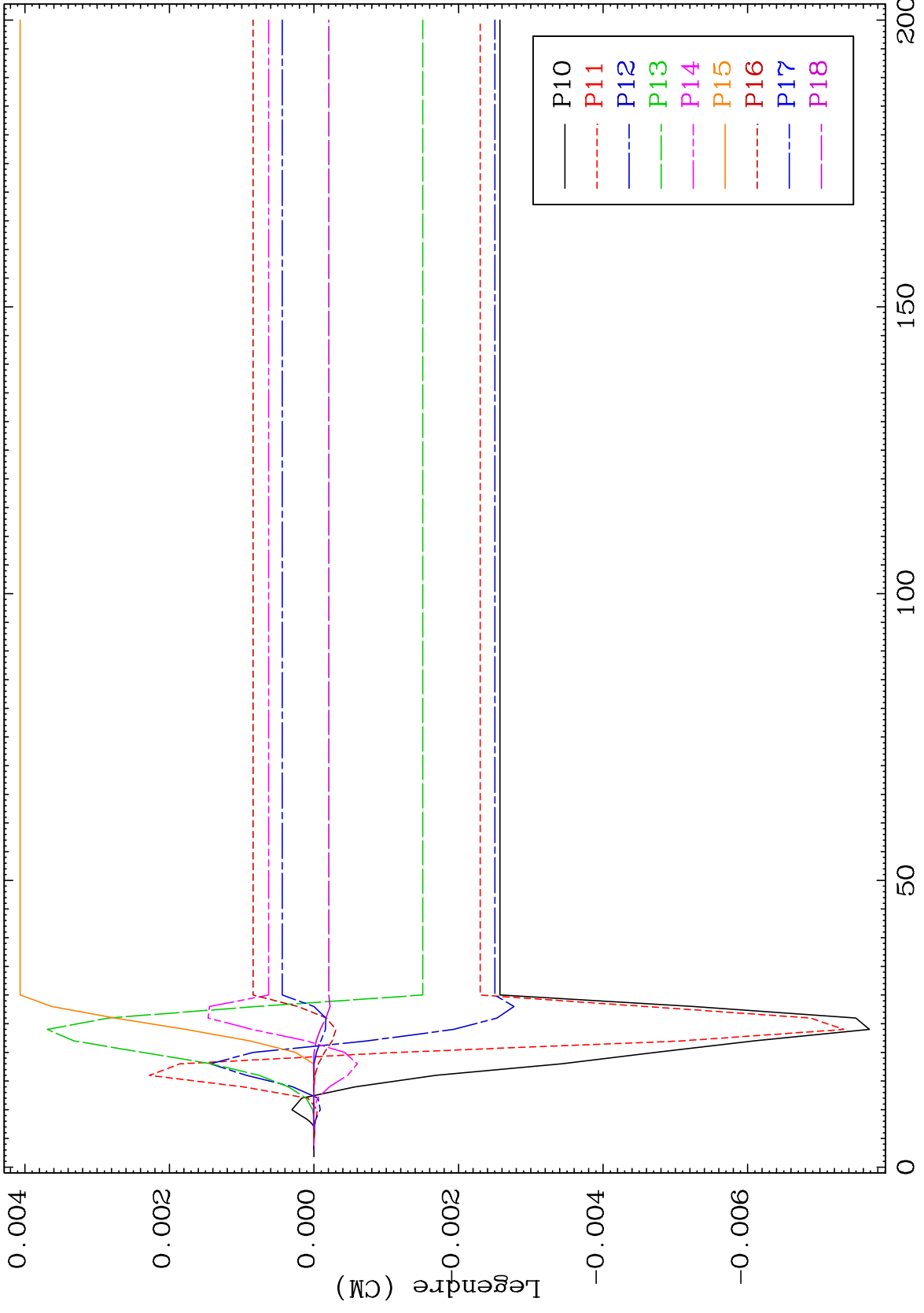
51 Incident Energy (MeV) 56-Ba-125

MAT 5610 MT= 59 (n,n') Level Legendre Coefficients 56-Ba-125



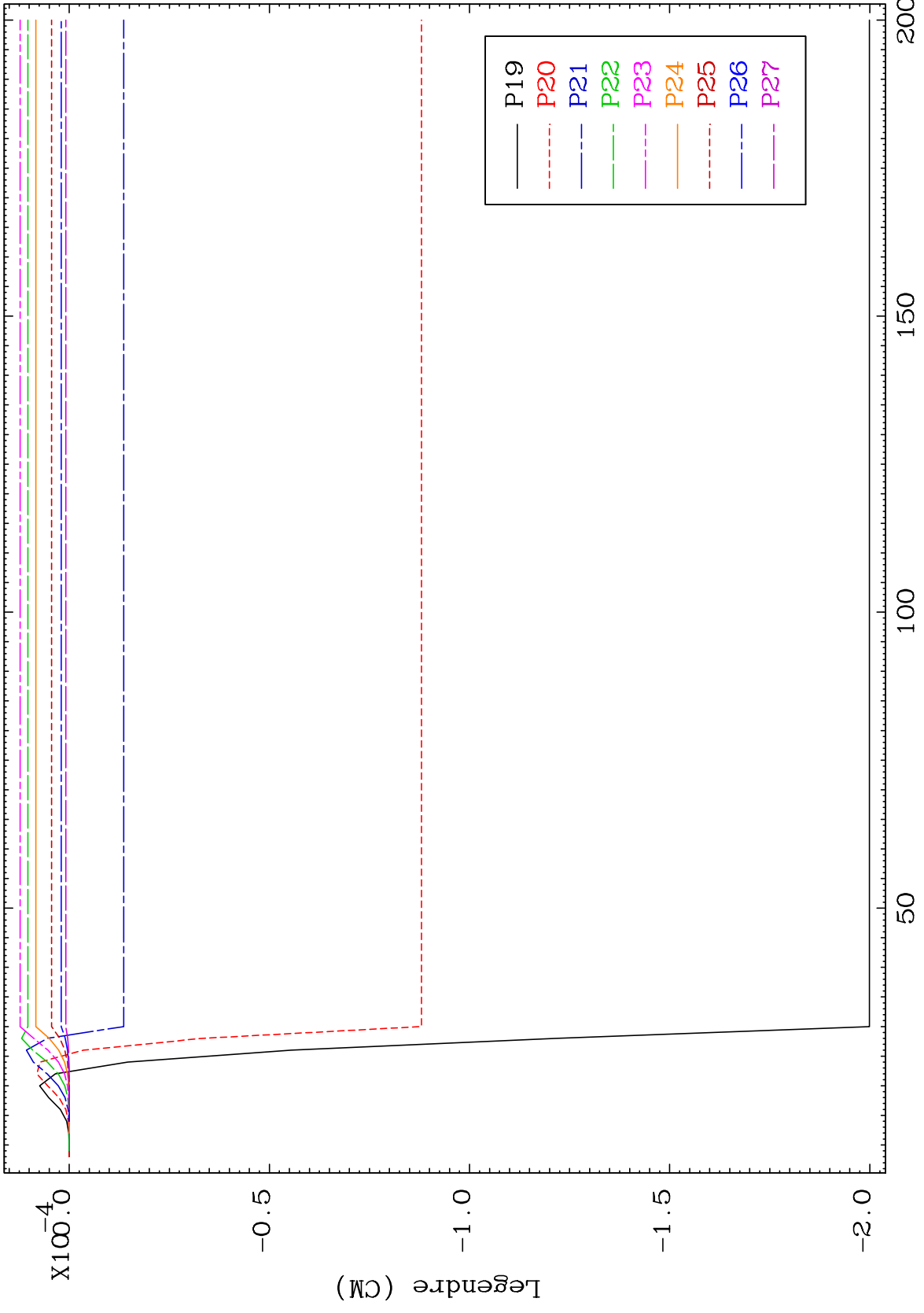
52 56-Ba-125

MAT 5610 MT= 59 (n,n') Level Legendre Coefficients 56-Ba-125



53 56-Ba-125

MAT 5610 MT= 59 (n,n') Level Legendre Coefficients 56-Ba-125

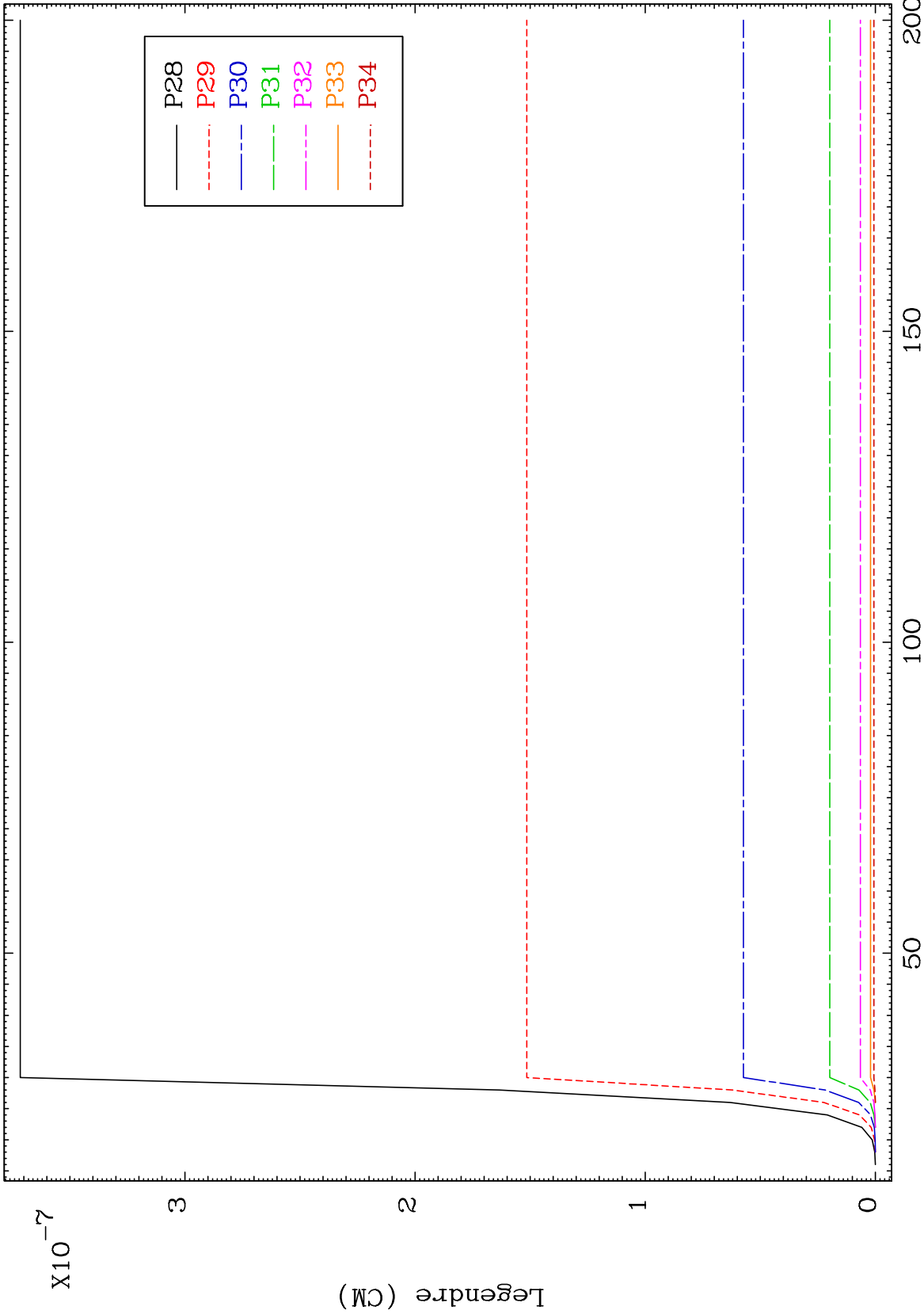


54 56-Ba-125 Incident Energy (MeV)

MAT 5610

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

56-Ba-125

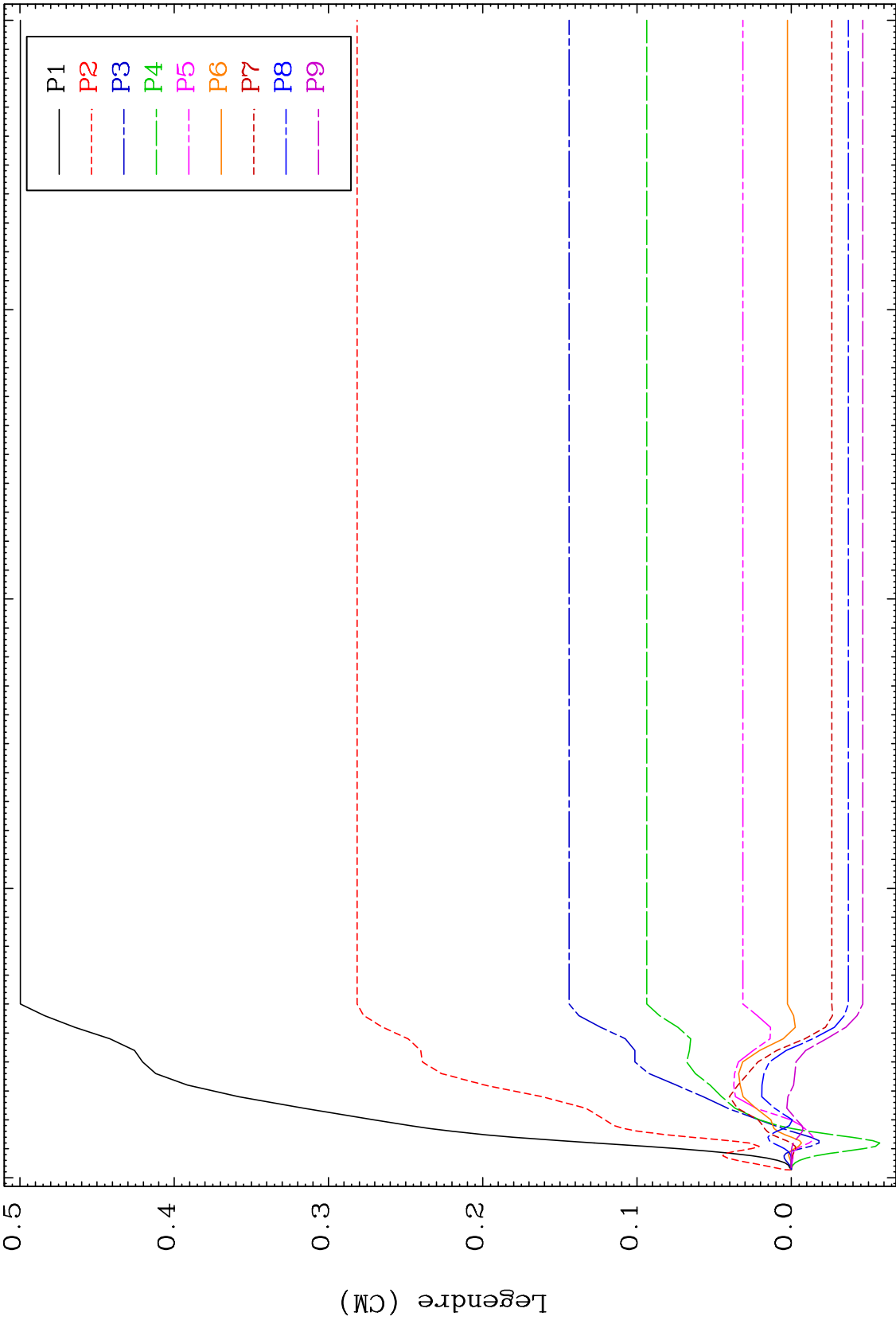


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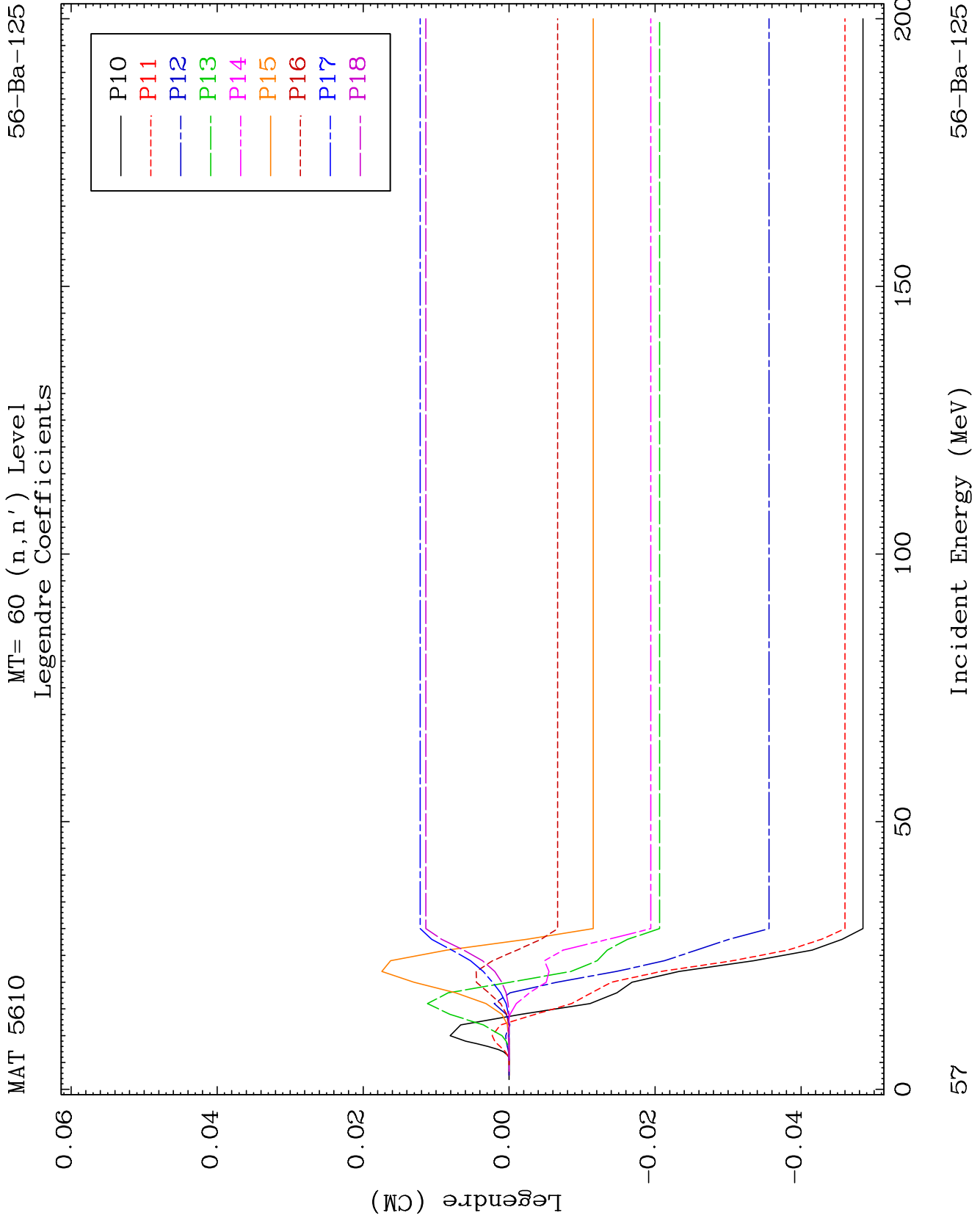
Incident Energy (MeV)

56-Ba-125

MAT 5610 MT= 60 (n,n') Level Legendre Coefficients 56-Ba-125

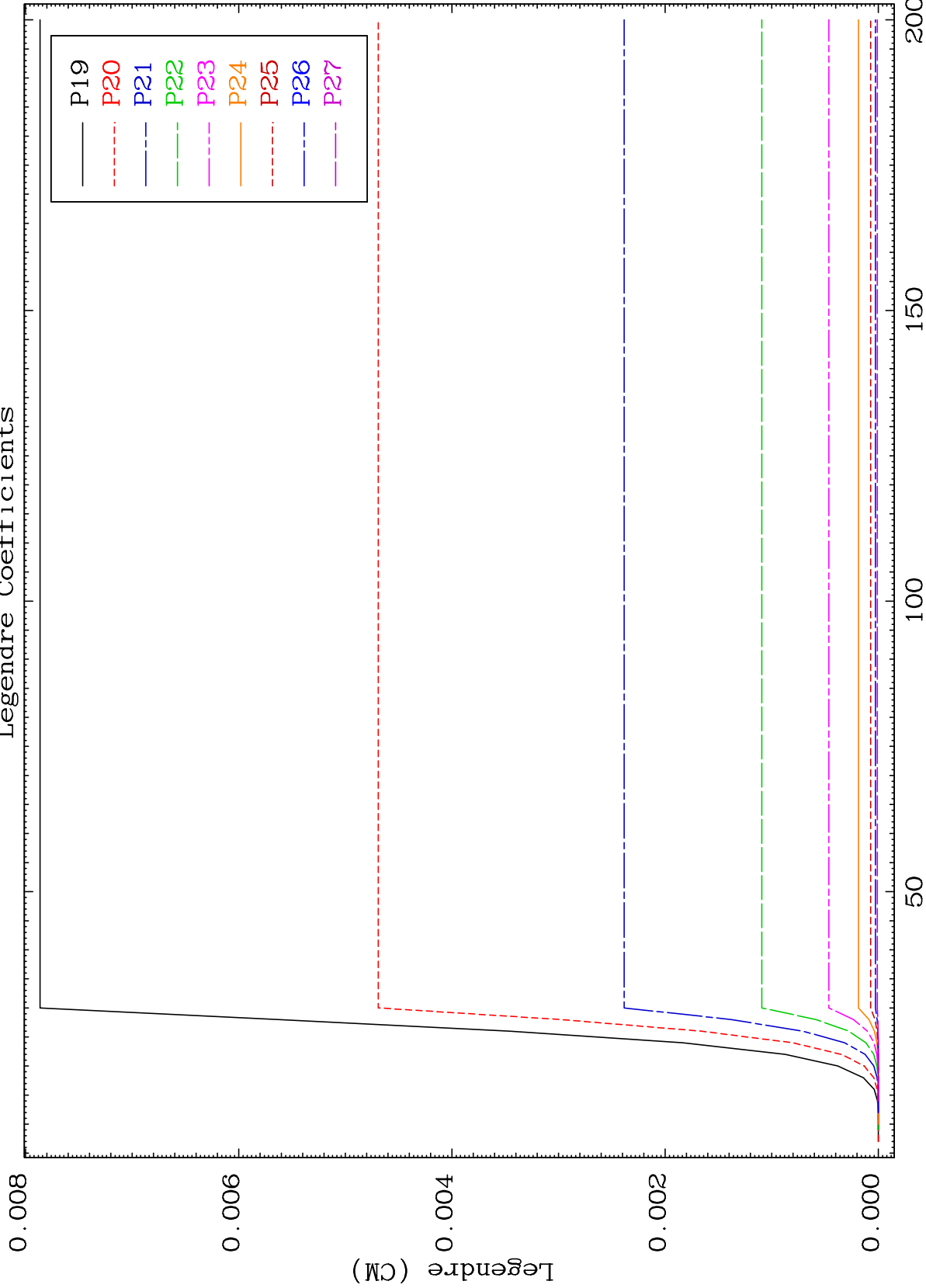


56-Ba-125 Incident Energy (MeV)



MAT 5610 MT= 60 (n,n') Level Legendre Coefficients

56-Ba-125



56-Ba-125

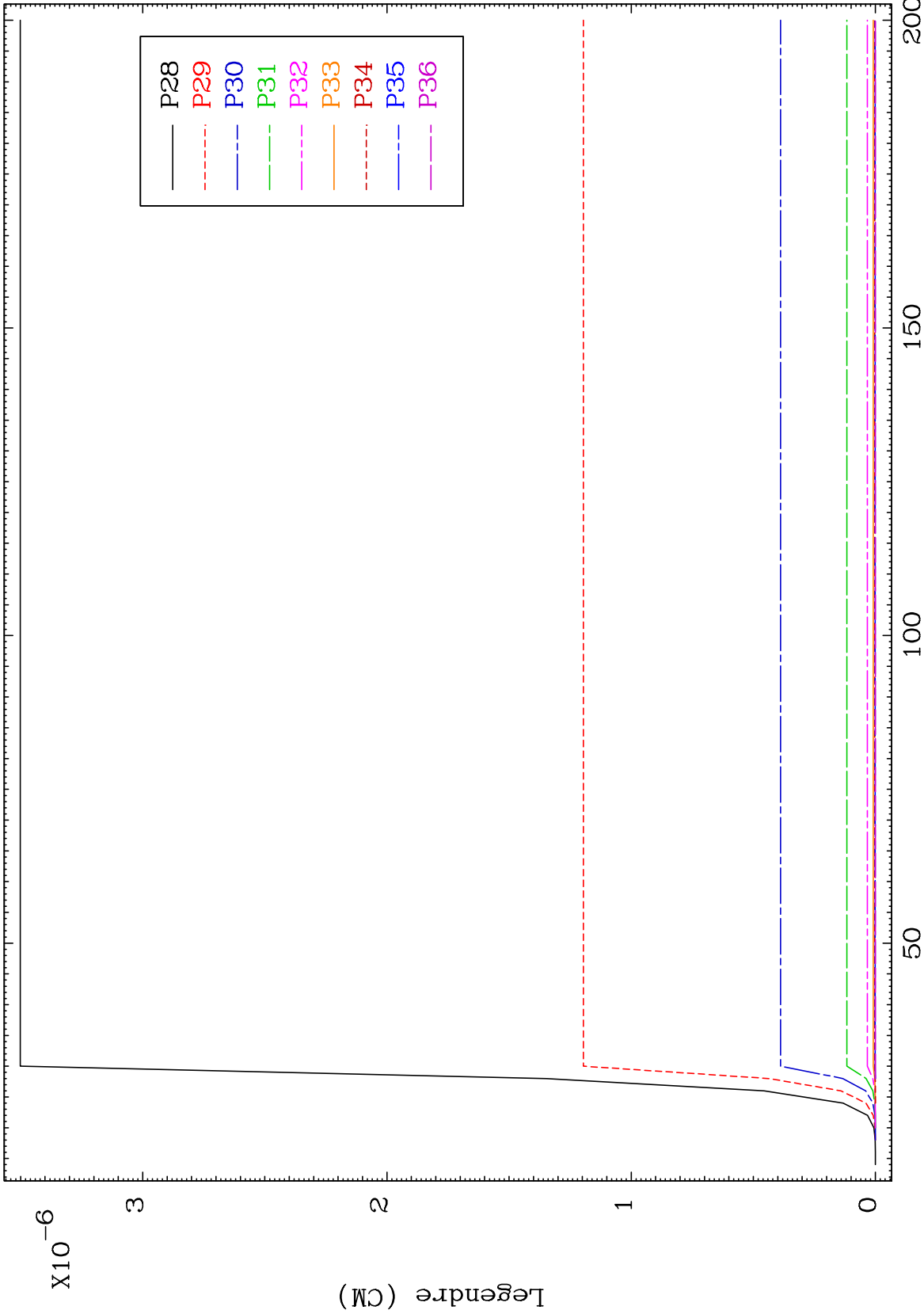
Incident Energy (MeV)

58

MAT 5610

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

56-Ba-125



59

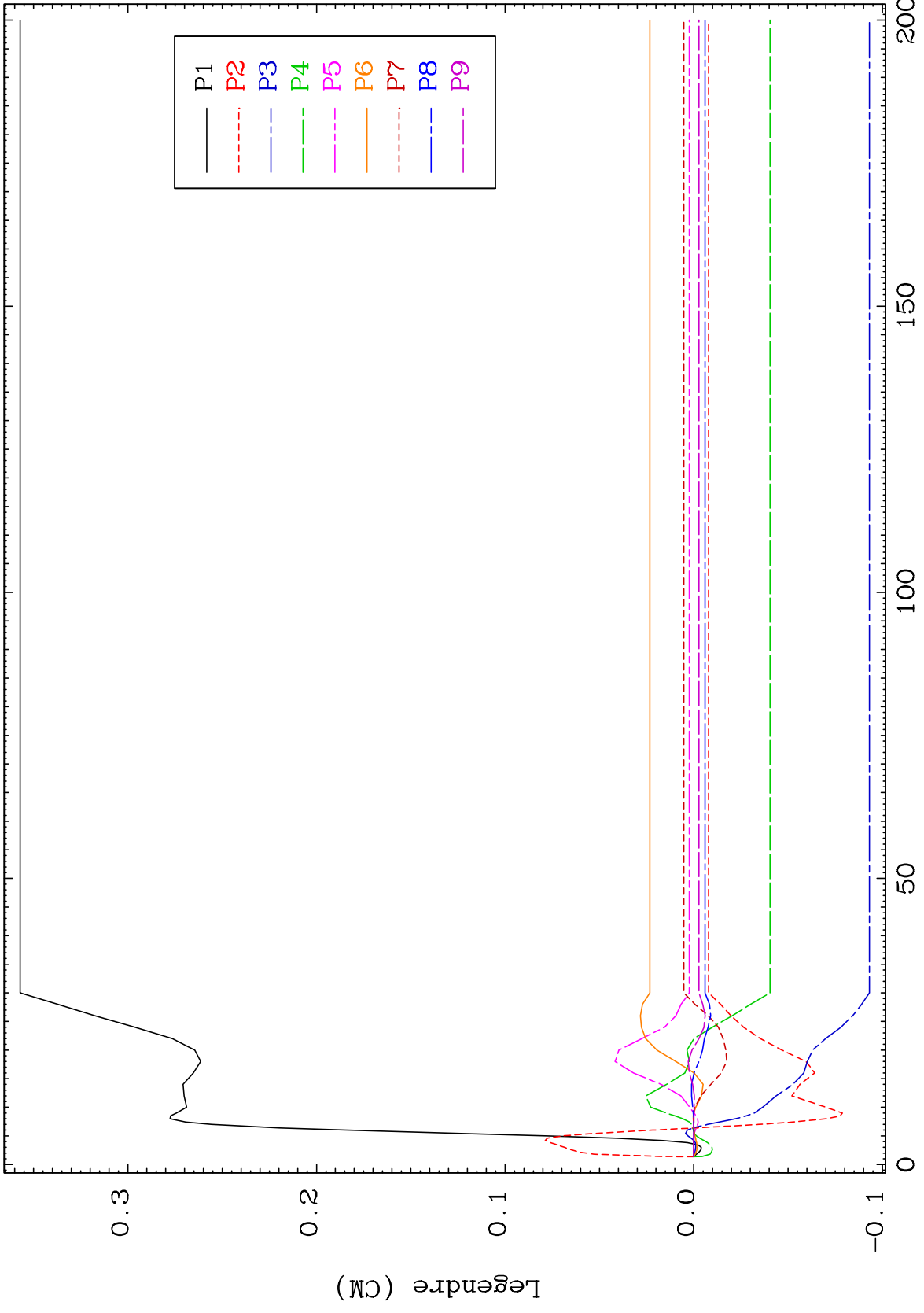
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



56-Ba-125

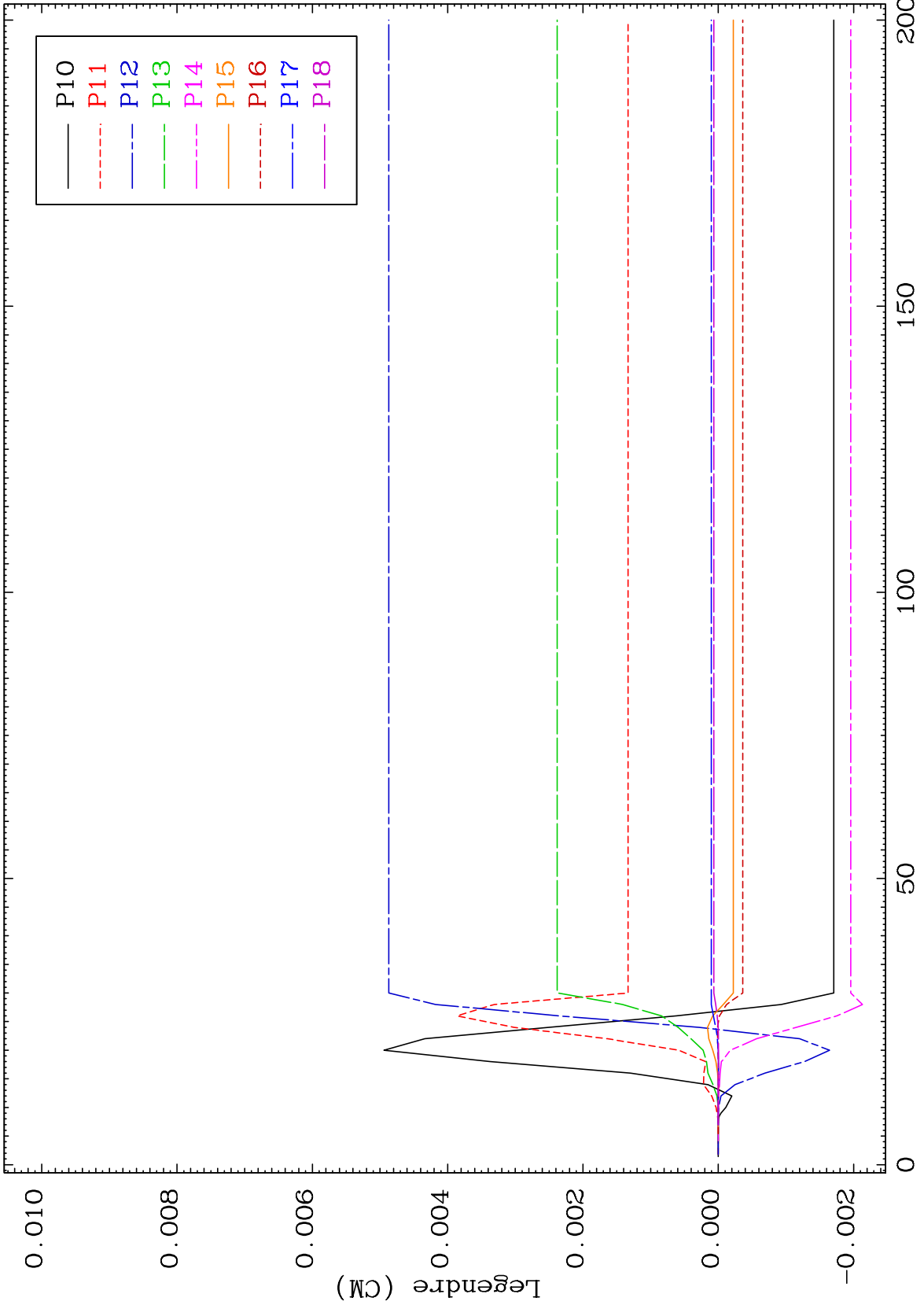
Incident Energy (MeV)

60

MAT 5610

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

56-Ba-125



61

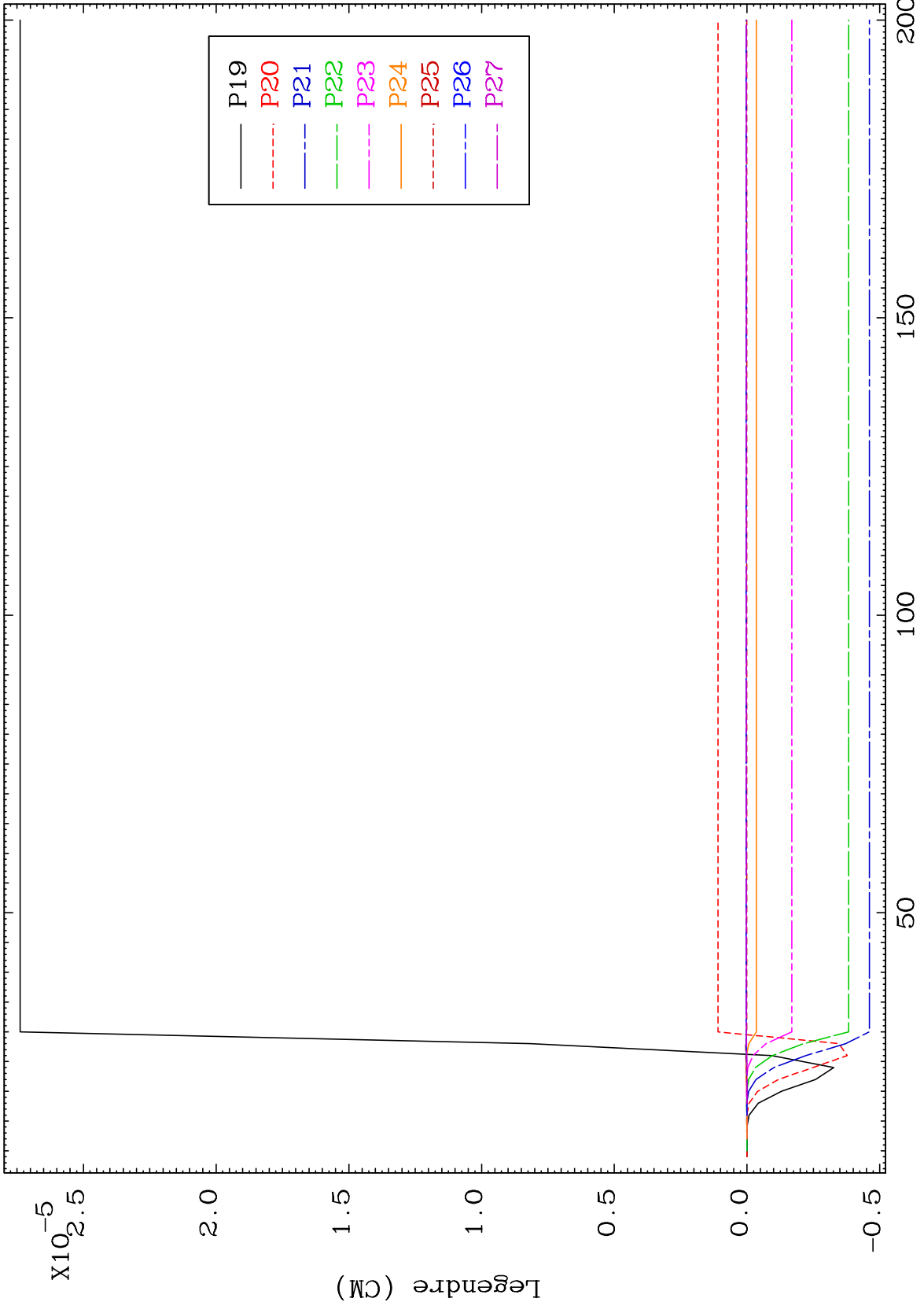
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125

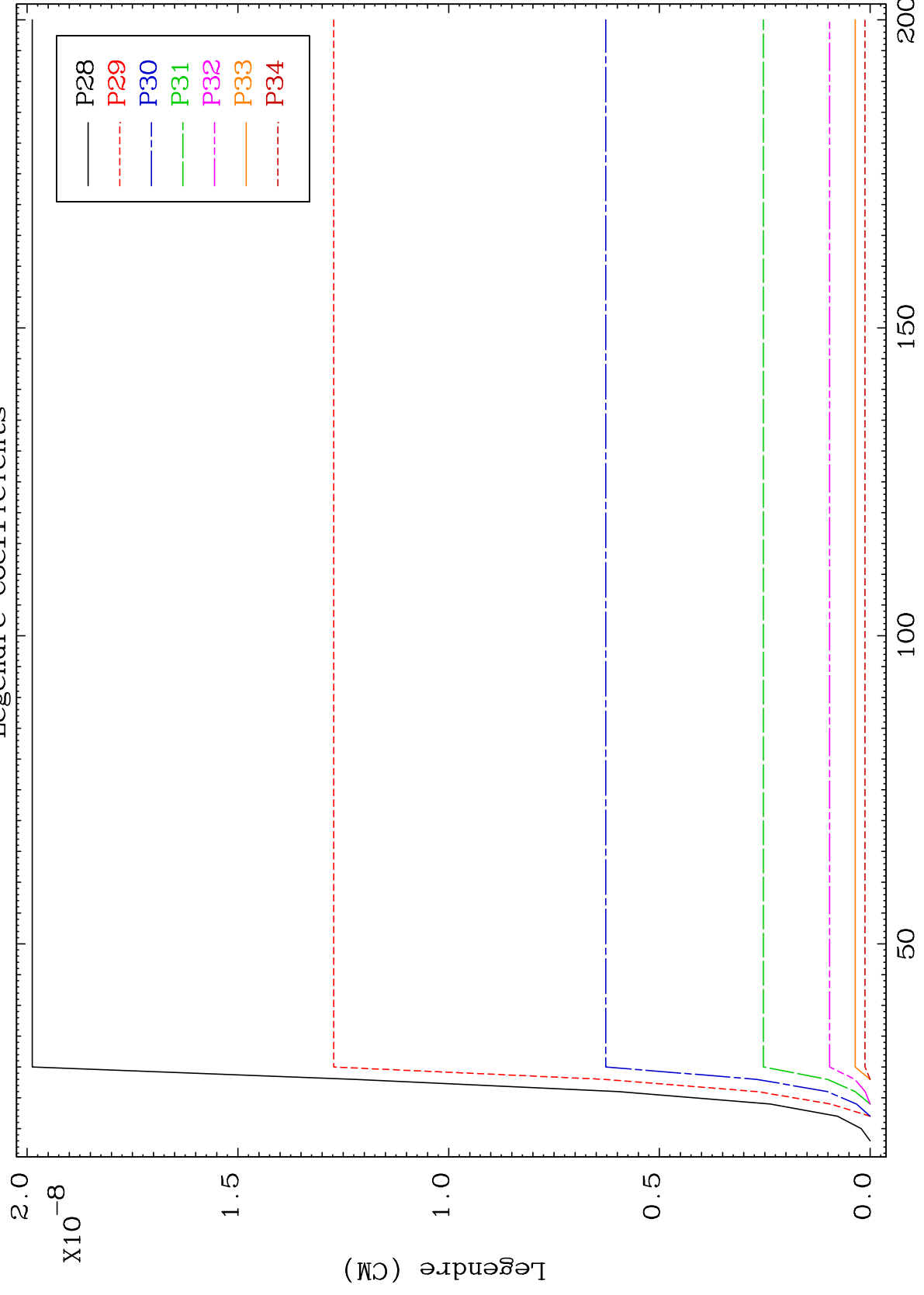


62

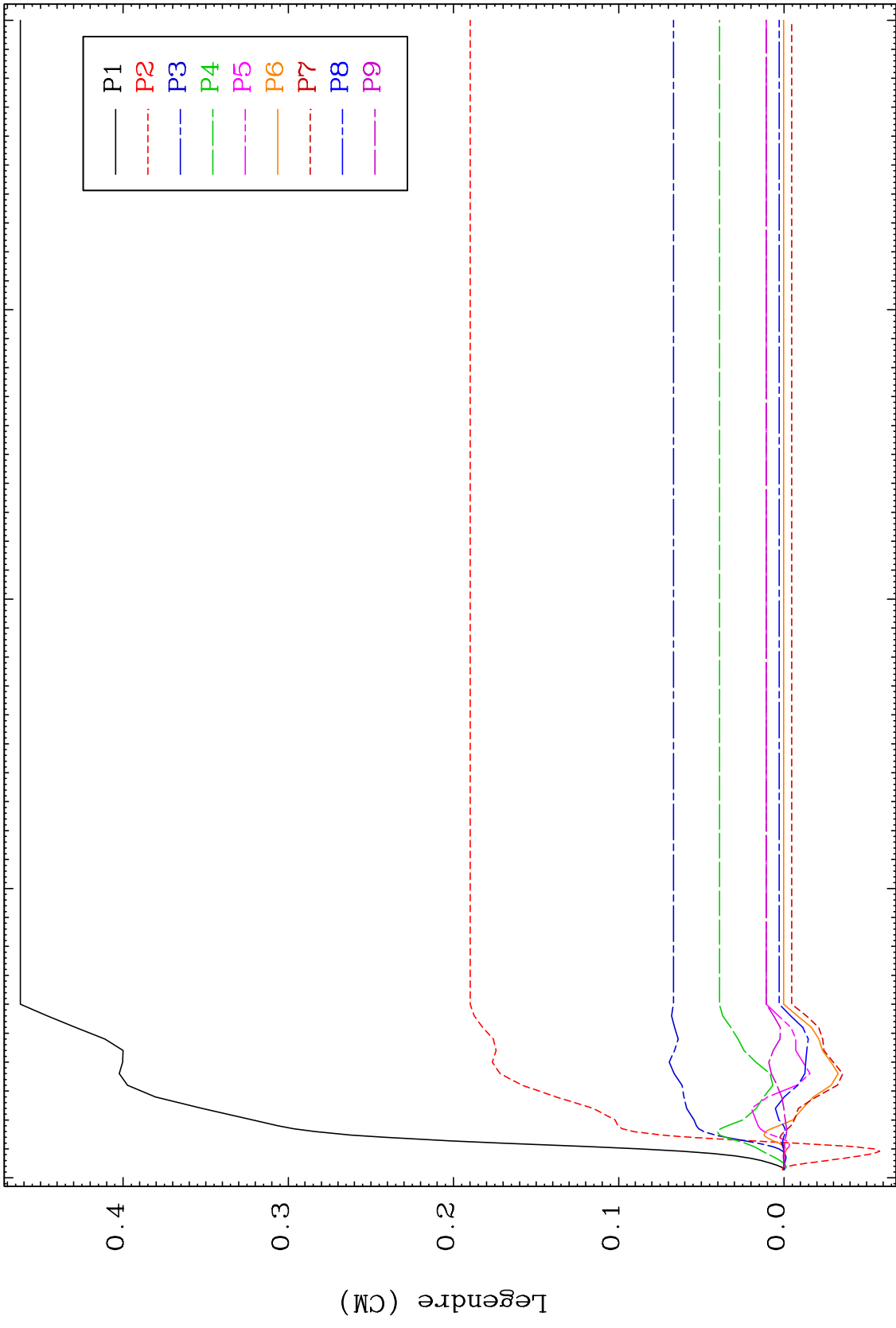
Incident Energy (MeV)

56-Ba-125

MAT 5610 MT= 61 (n,n') Level Legendre Coefficients 56-Ba-125



MAT 5610 MT= 62 (n,n') Level Legendre Coefficients 56-Ba-125

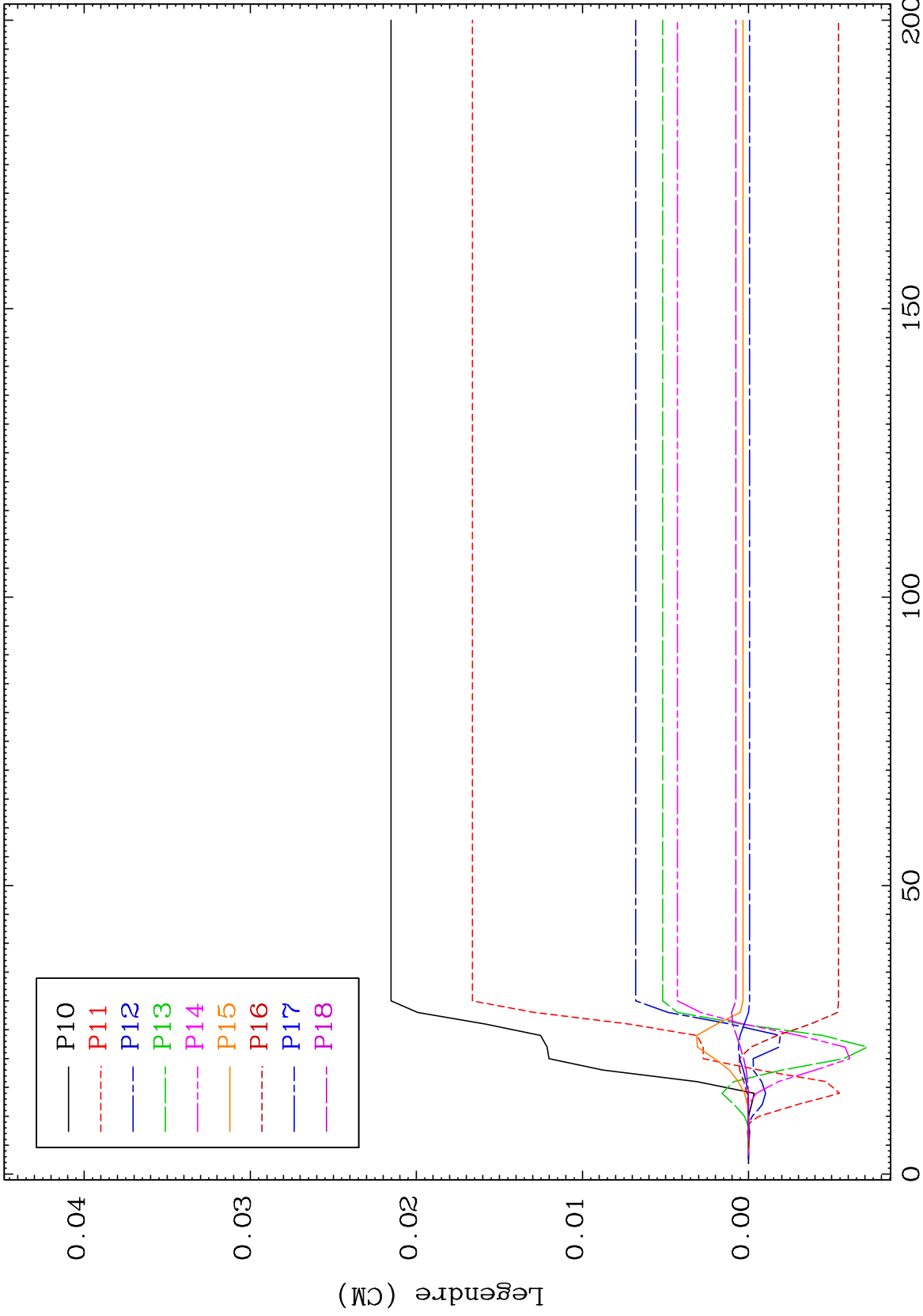


64 56-Ba-125

MAT 5610

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

56-Ba-125



65

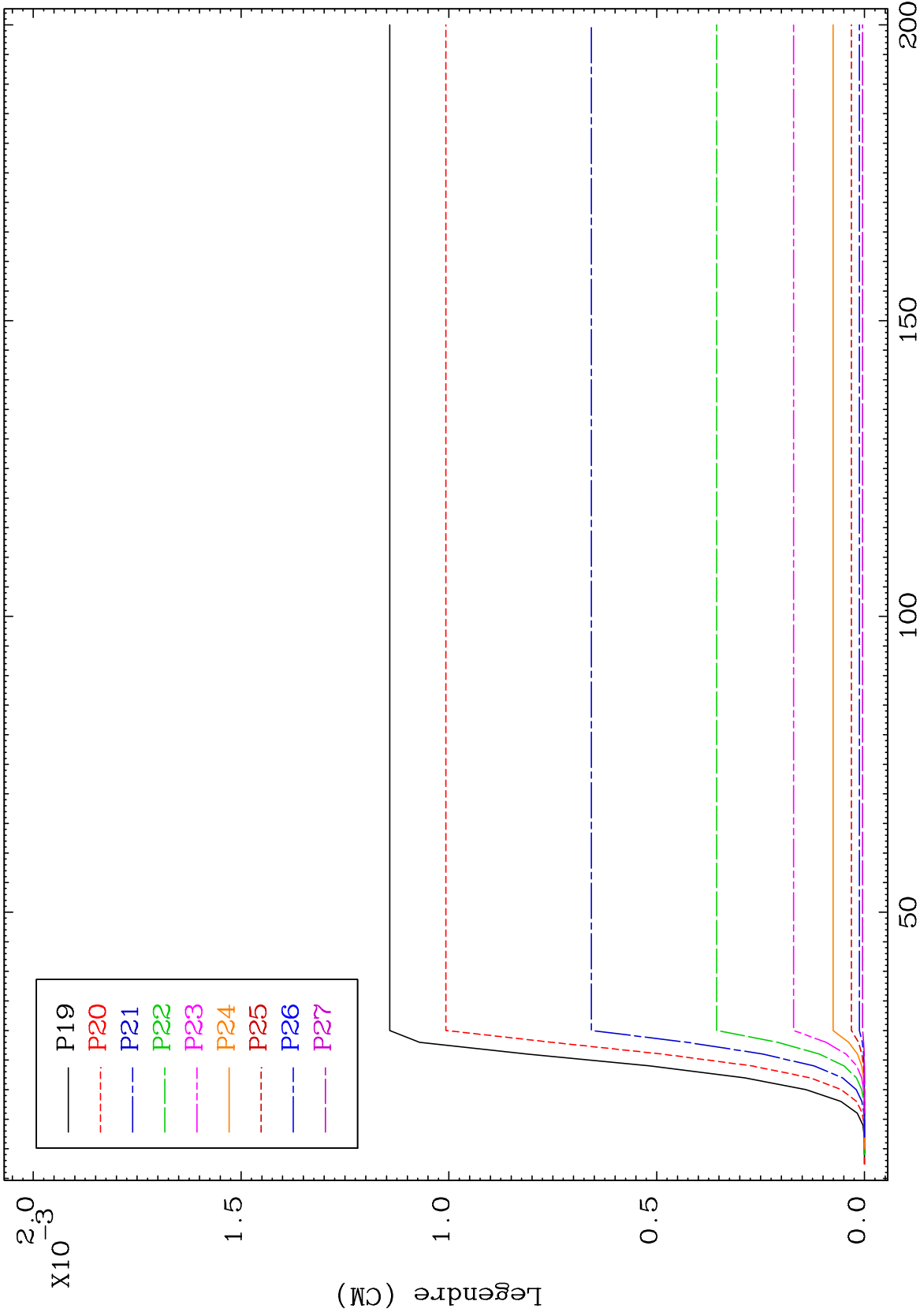
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



66

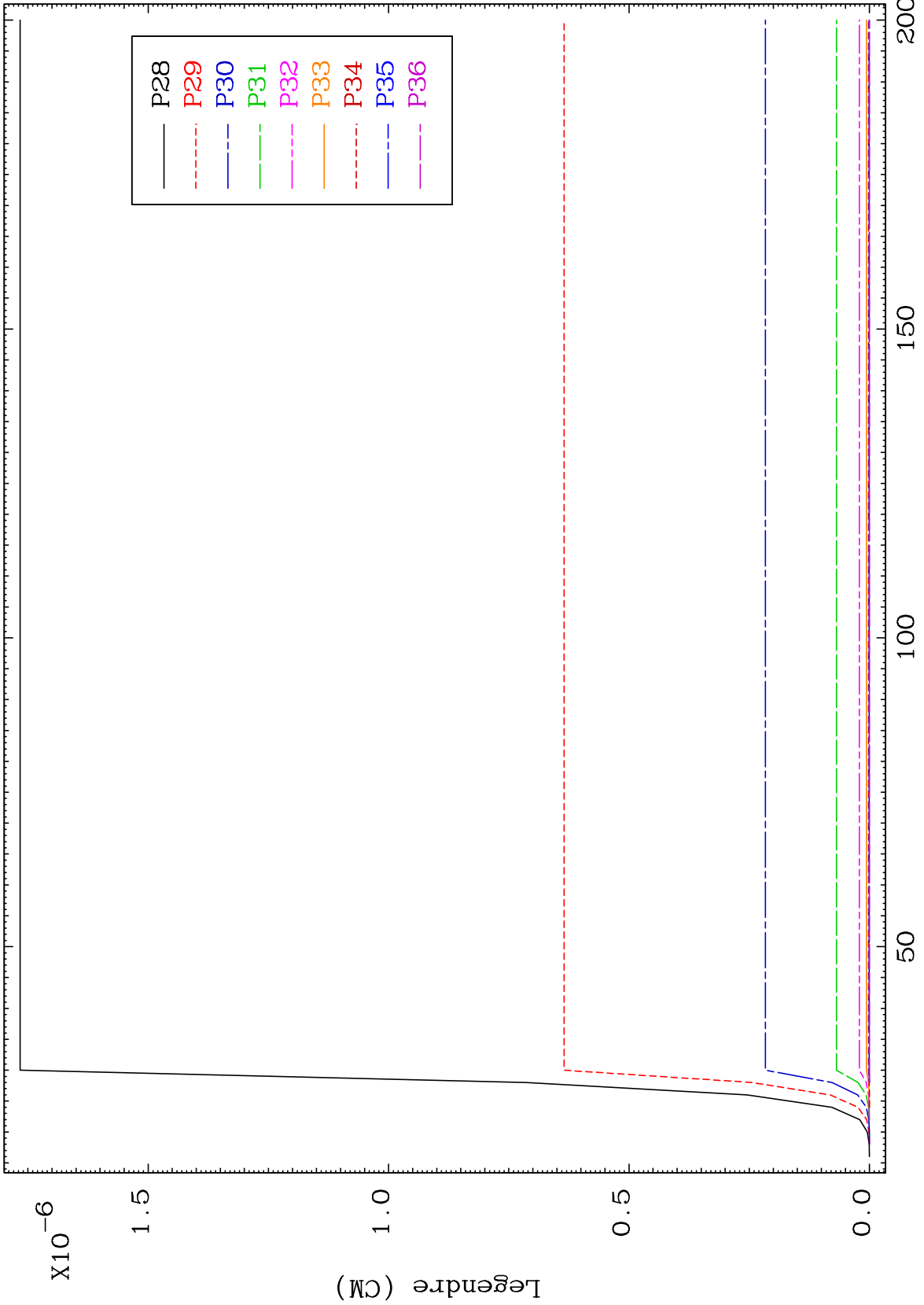
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125

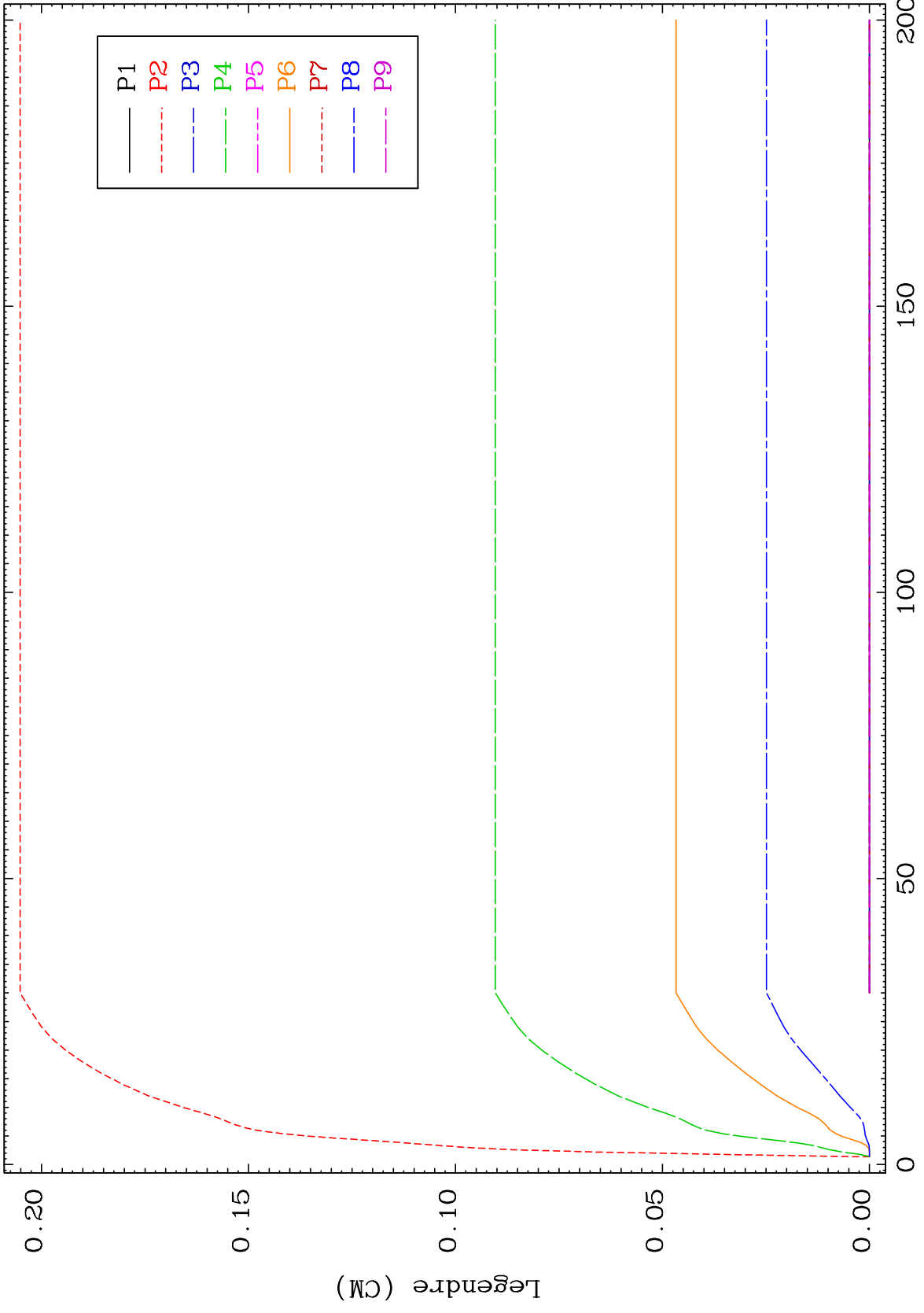


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Incident Energy (MeV)

56-Ba-125

MAT 5610 MT= 63 (n,n') Level Legendre Coefficients 56-Ba-125

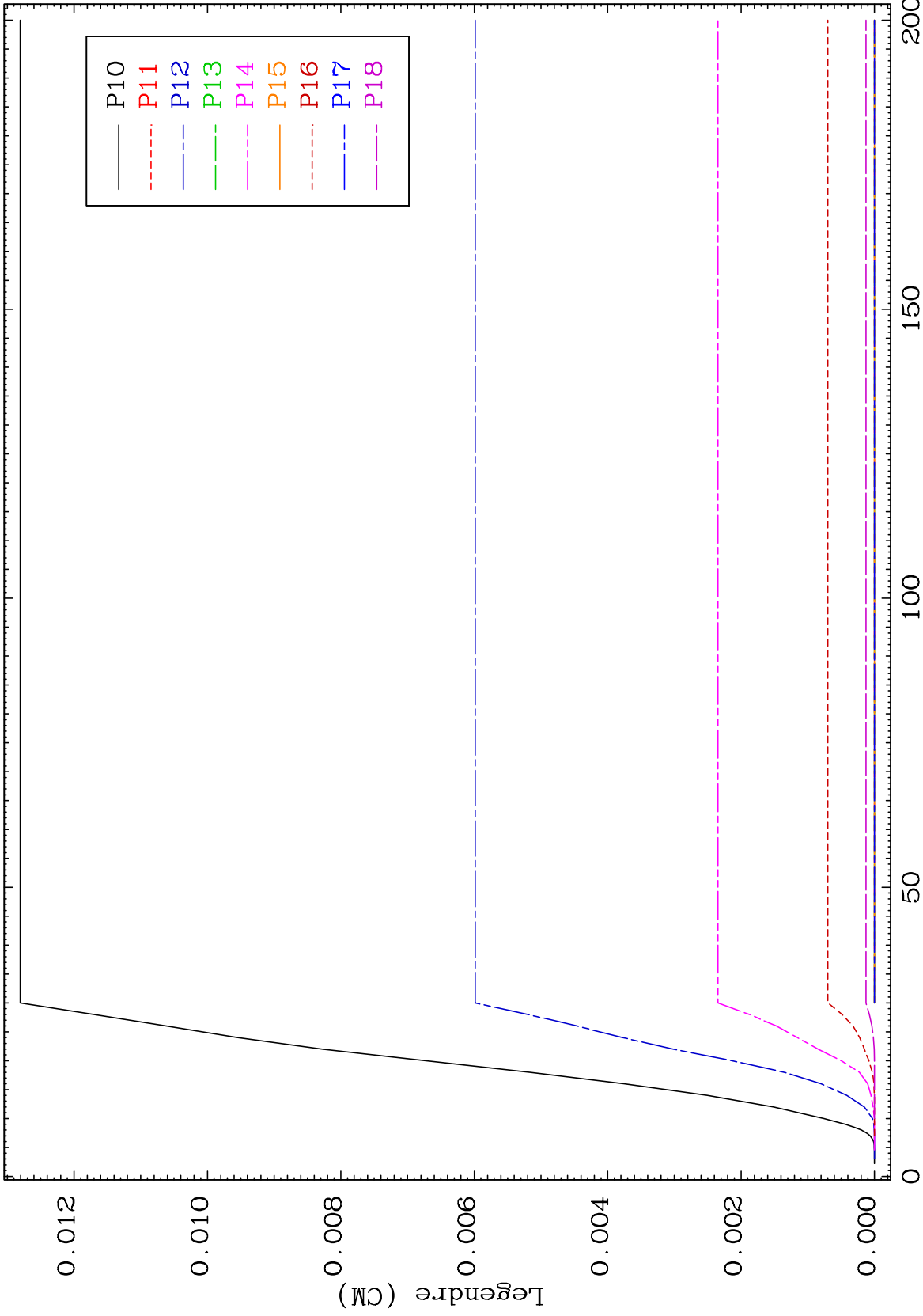


68 56-Ba-125

MAT 5610

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

56-Ba-125

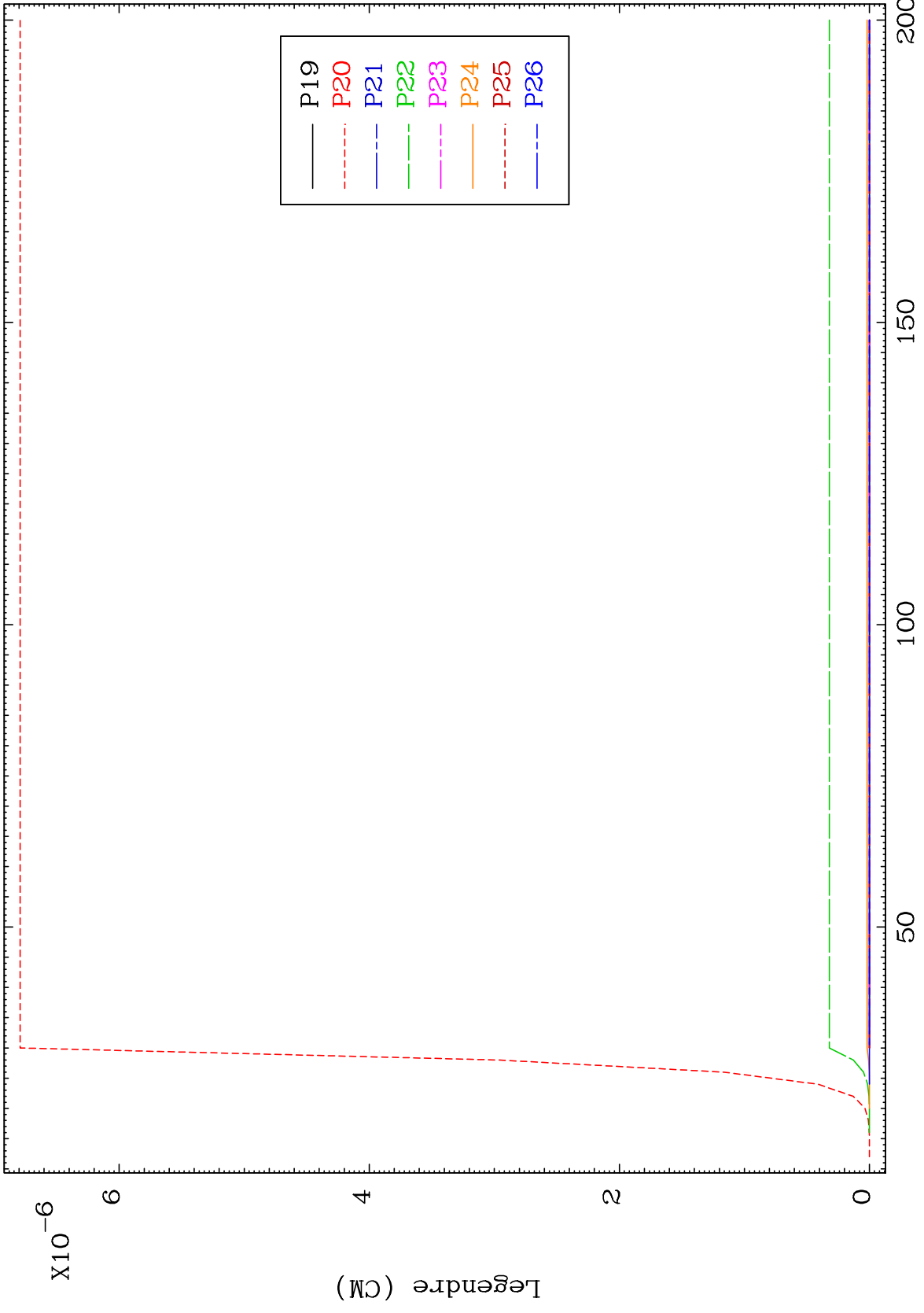


69

Incident Energy (MeV)

56-Ba-125

MAT 5610 MT= 63 (n,n') Level Legendre Coefficients 56-Ba-125

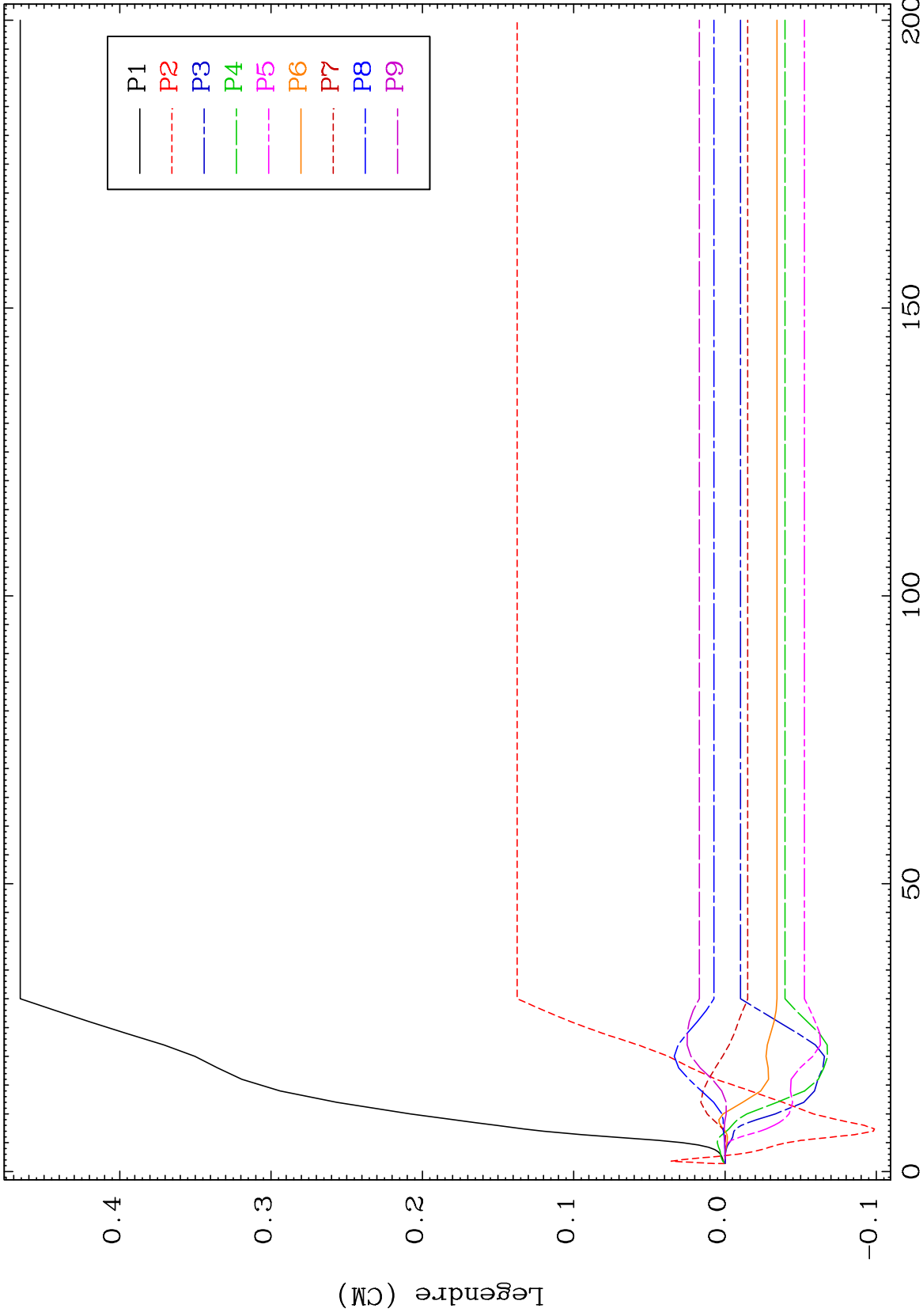


70 50 100 150 200 Incident Energy (MeV) 56-Ba-125

MAT 5610

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

56-Ba-125



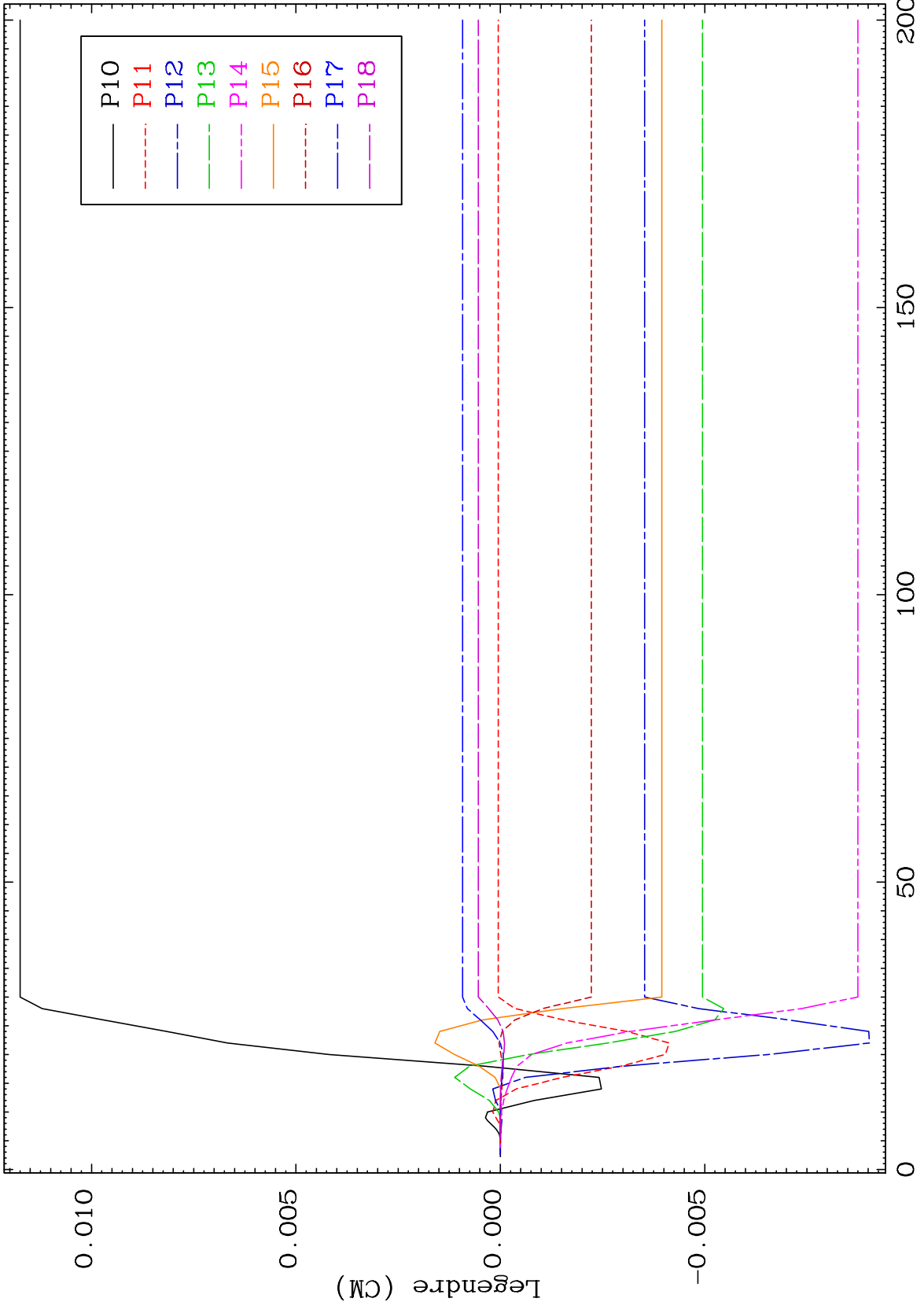
71

56-Ba-125

MAT 5610

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

56-Ba-125



72

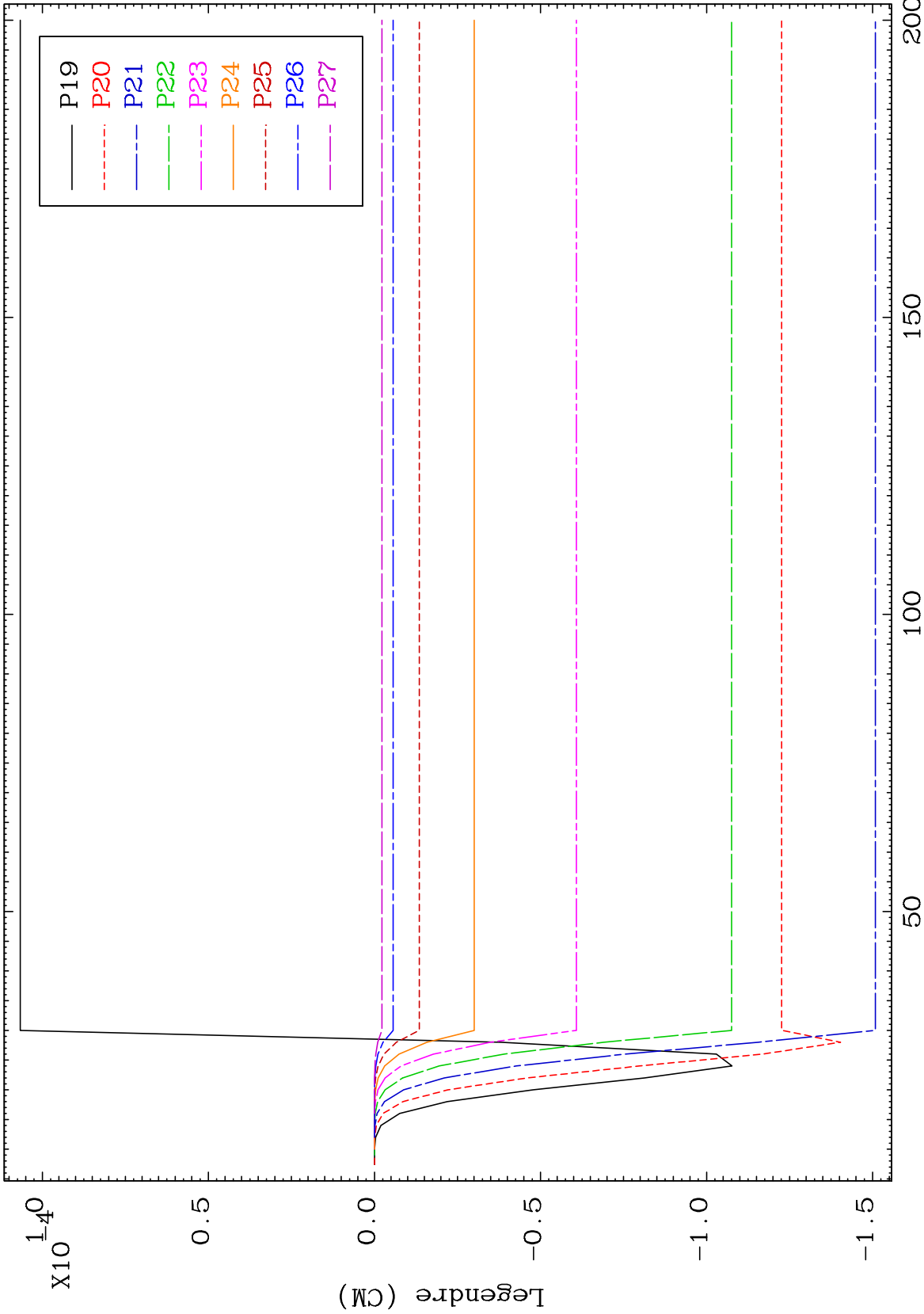
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



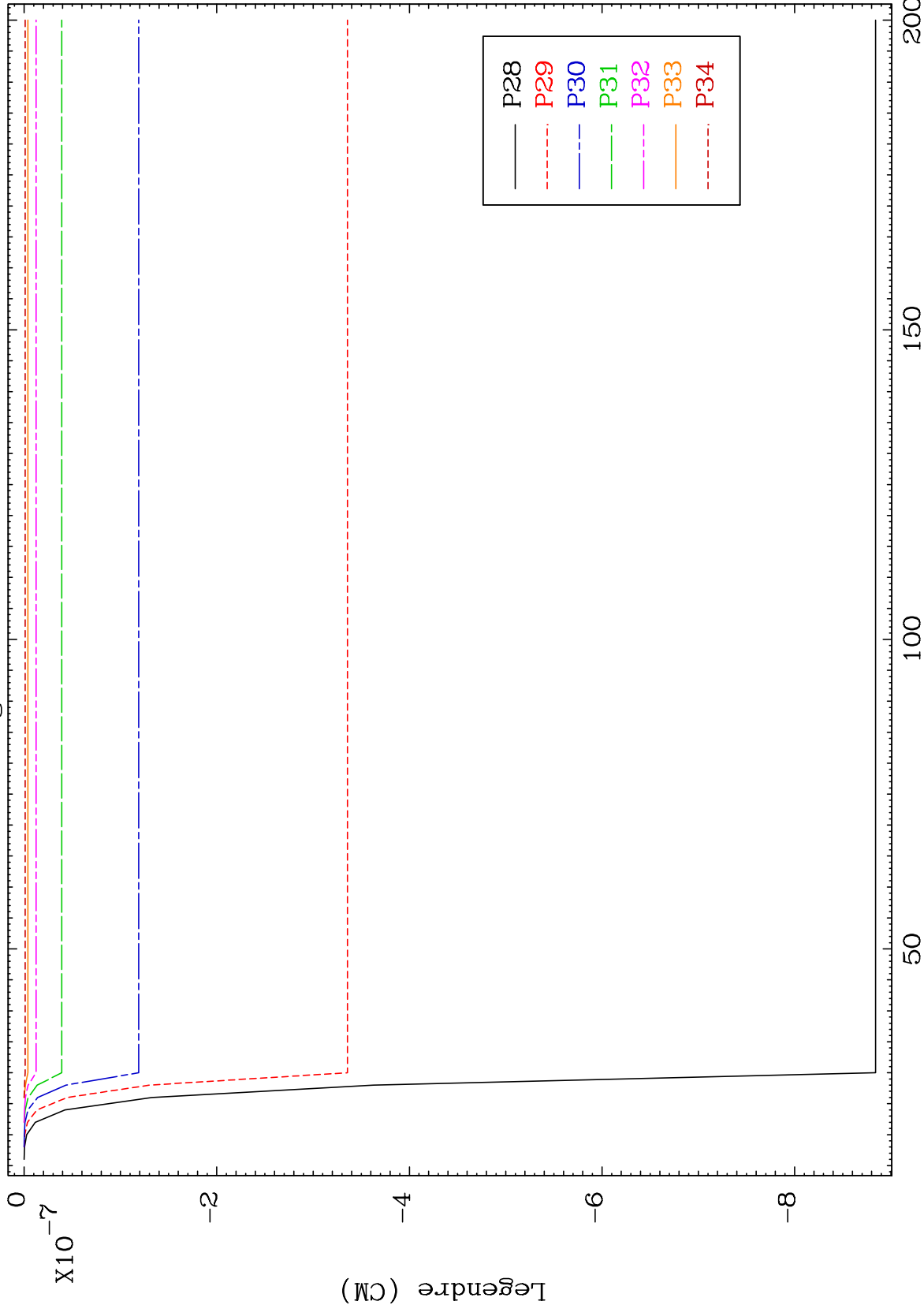
73

56-Ba-125

MAT 5610

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

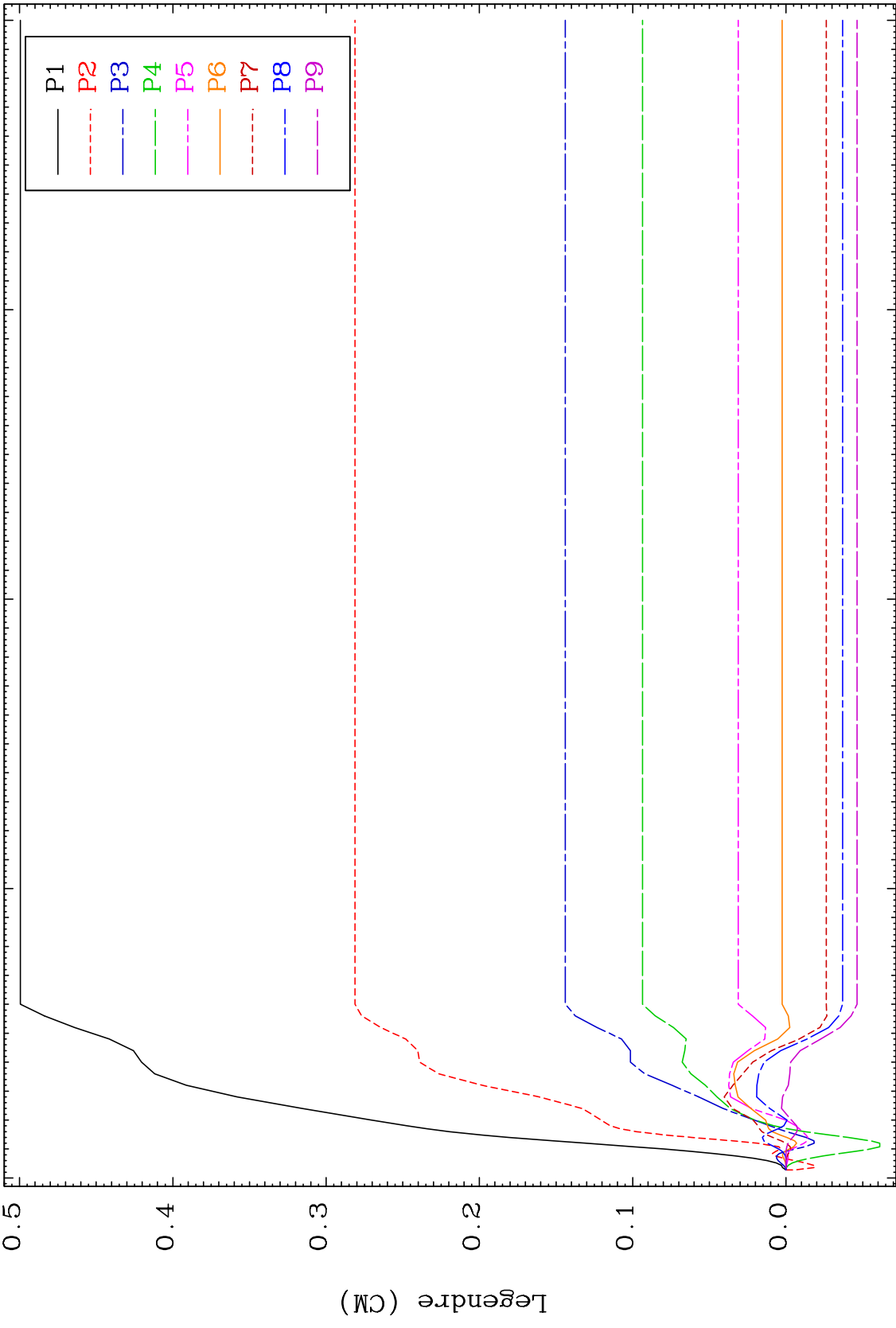
56-Ba-125



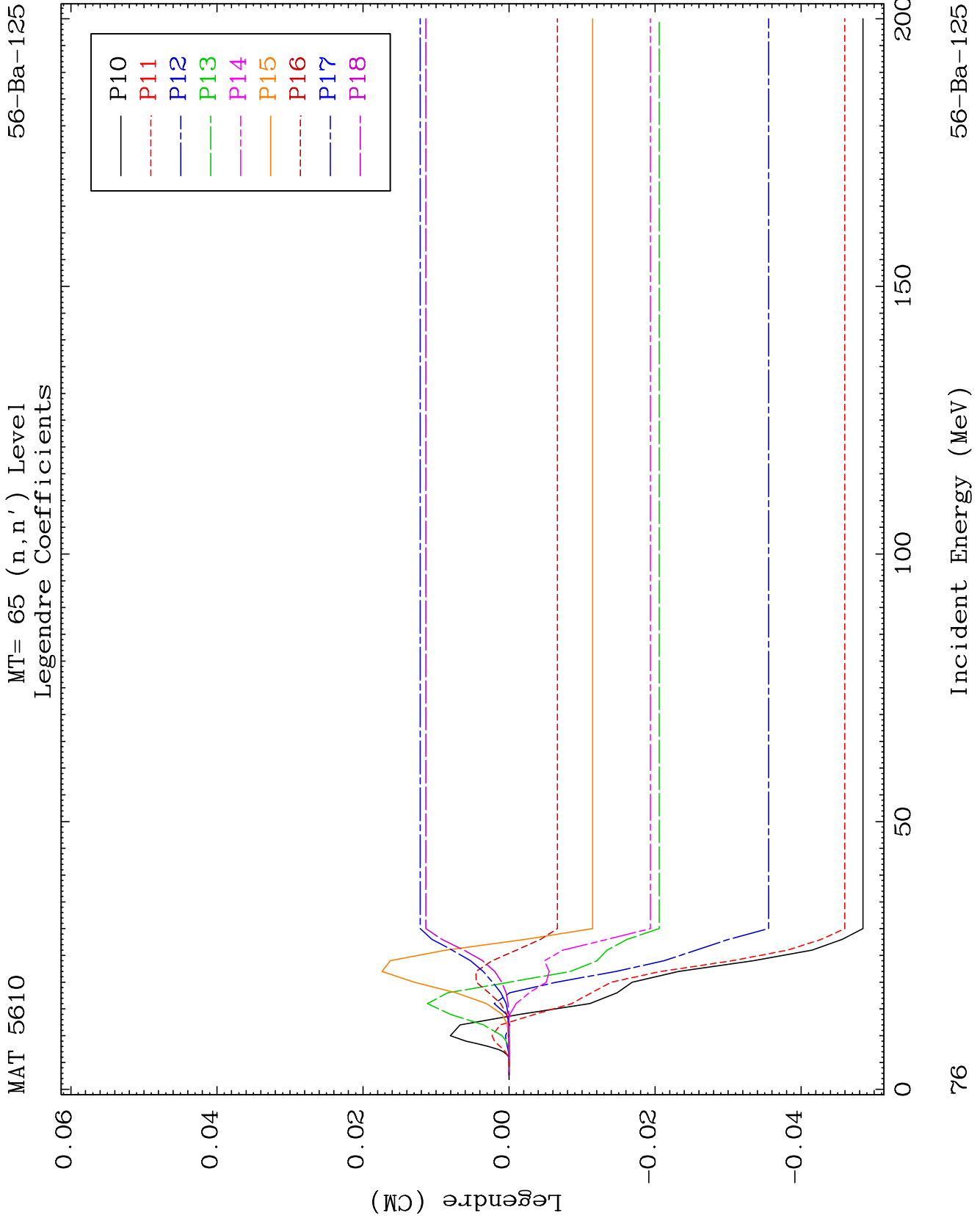
74

56-Ba-125

MAT 5610 MT= 65 (n,n') Level Legendre Coefficients 56-Ba-125



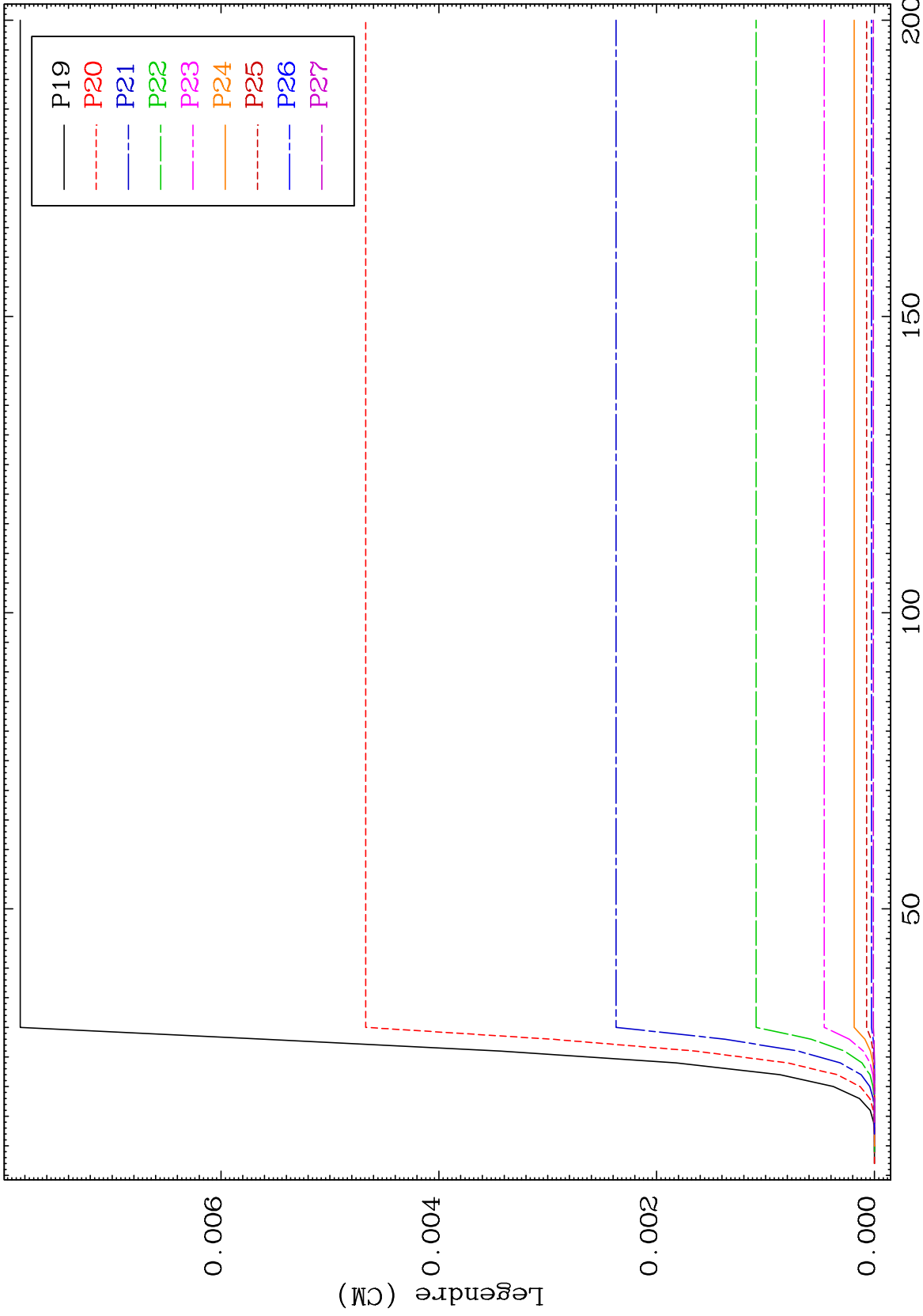
75 Incident Energy (MeV) 56-Ba-125



MAT 5610

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

56-Ba-125



77

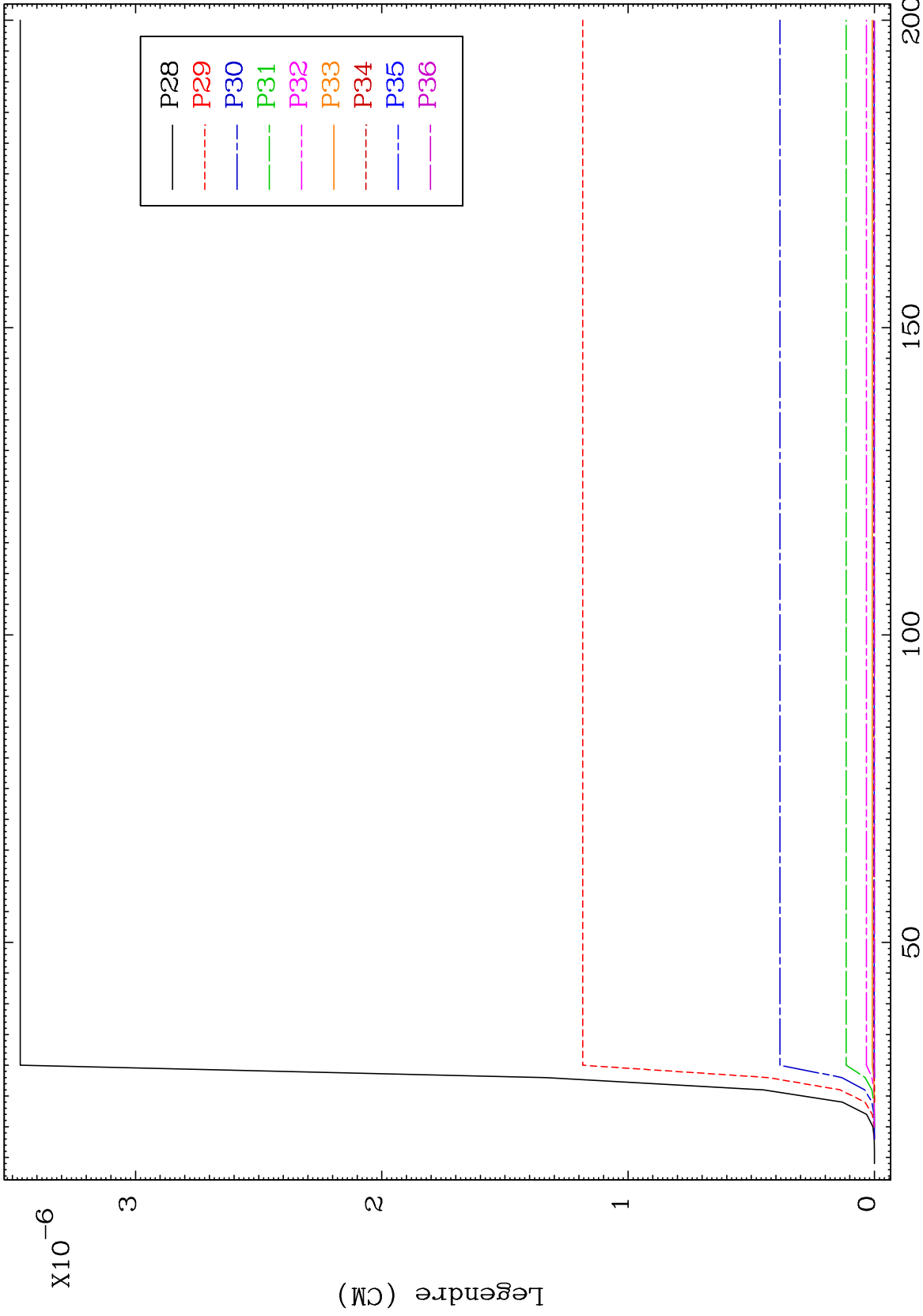
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



78

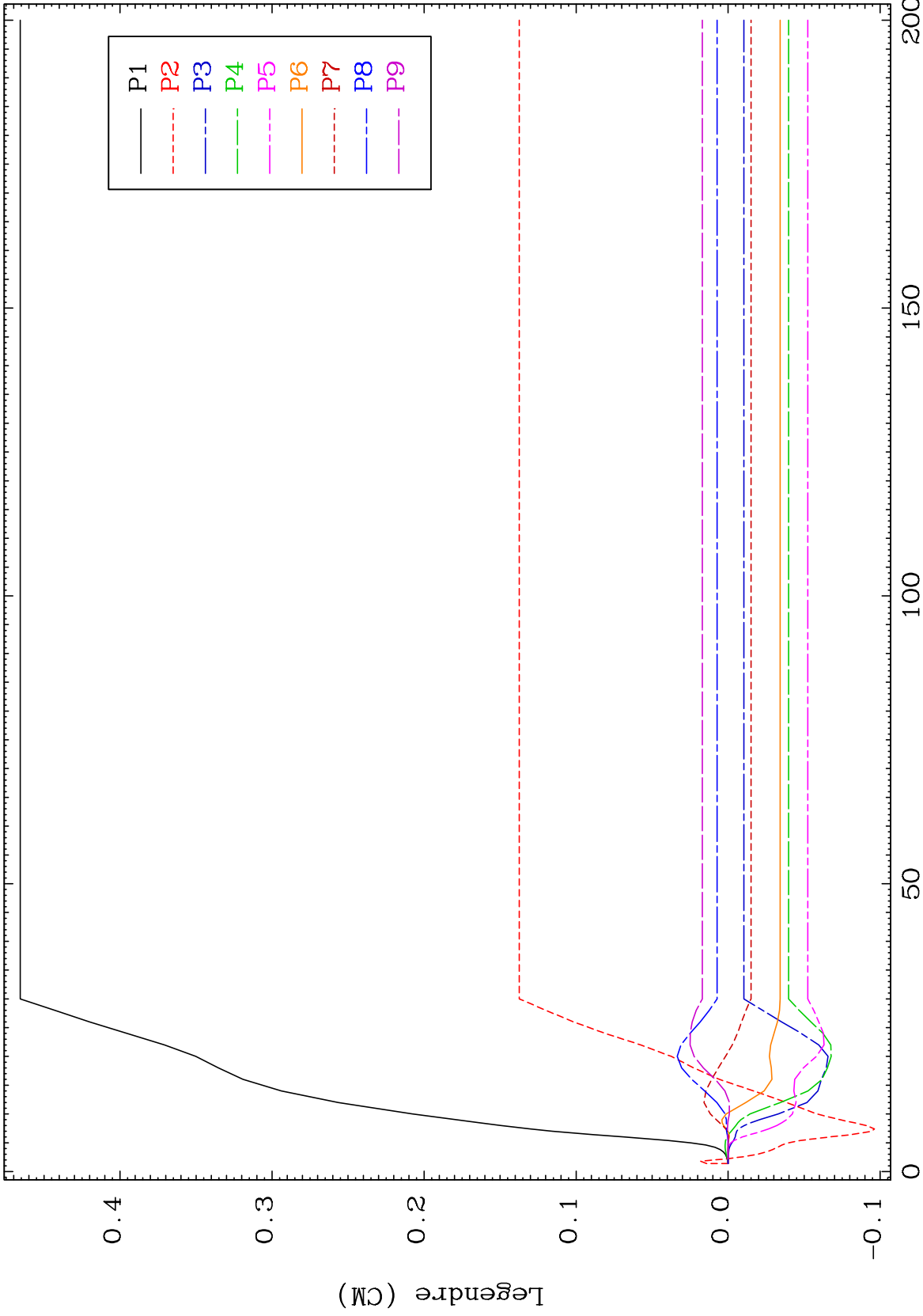
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



79

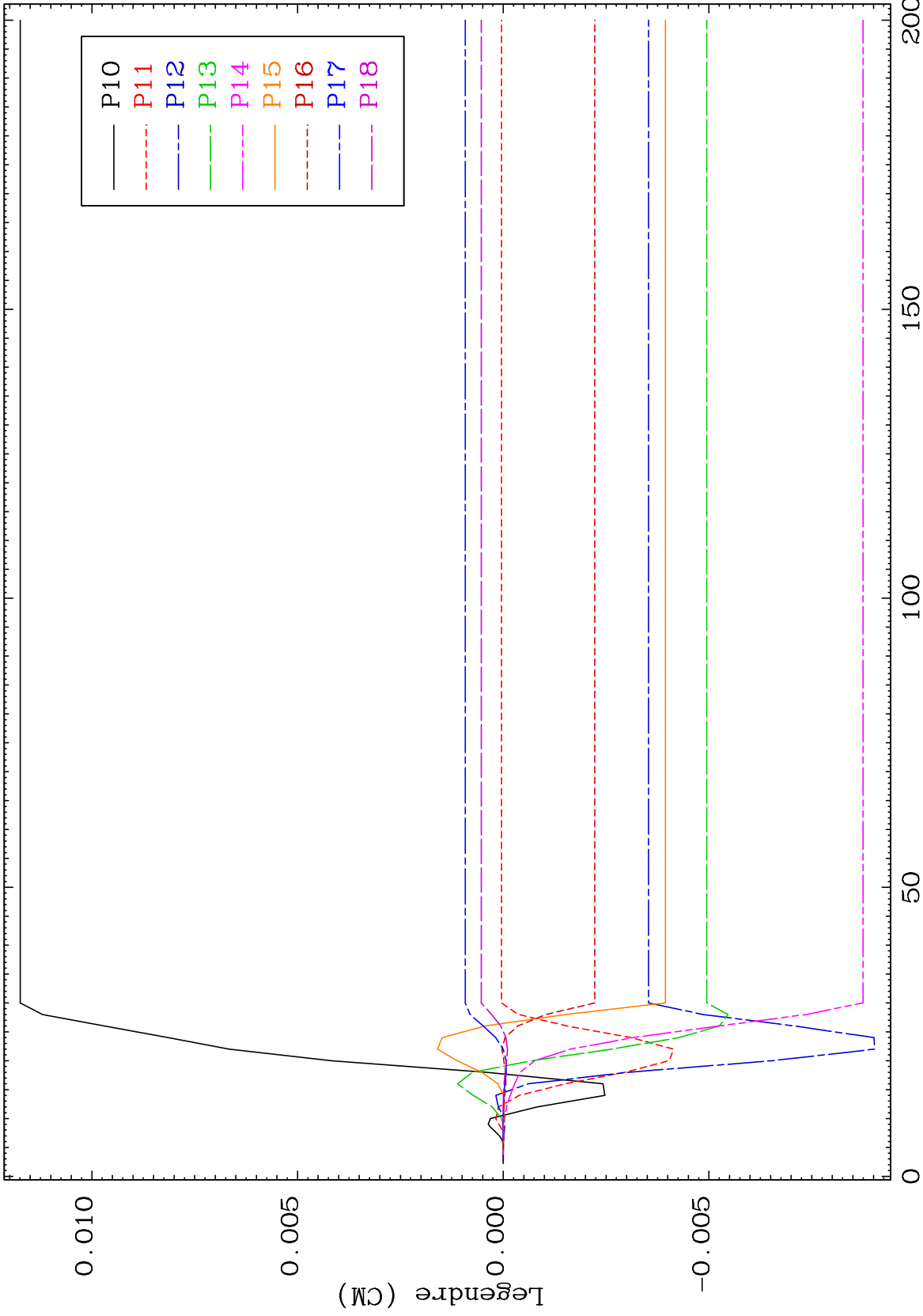
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



80

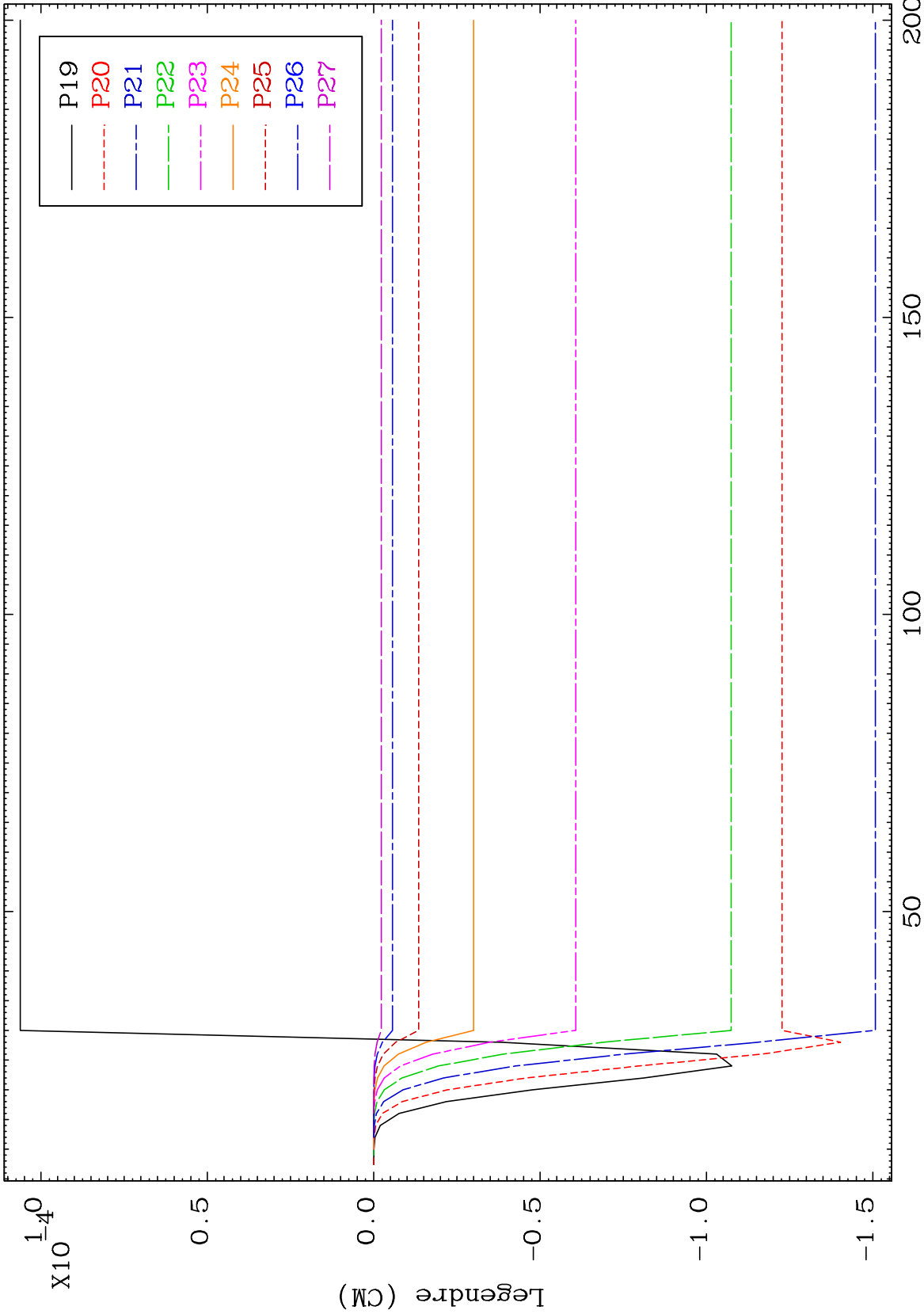
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



81

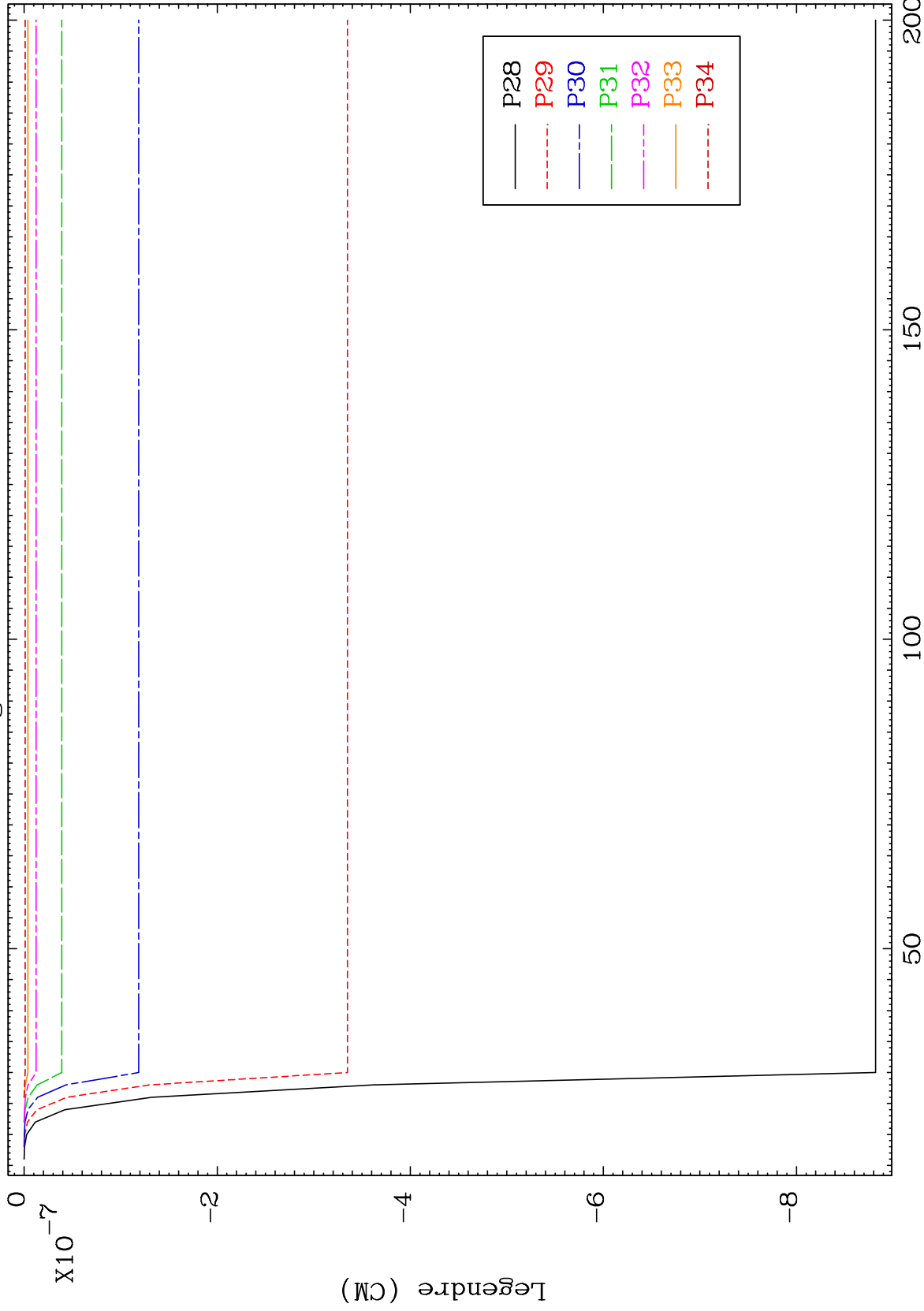
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



56-Ba-125

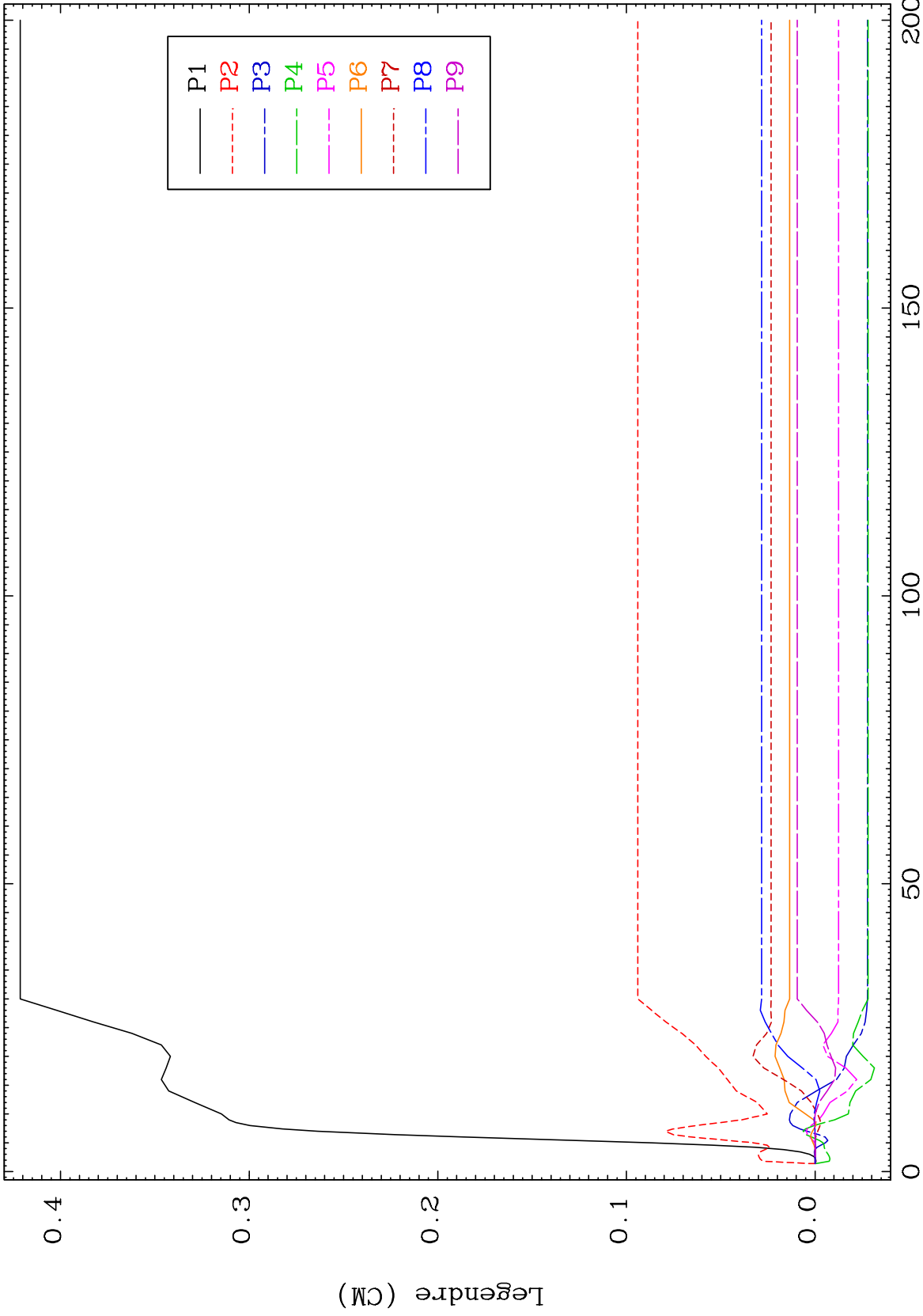
Incident Energy (MeV)

82

MAT 5610

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

56-Ba-125



83

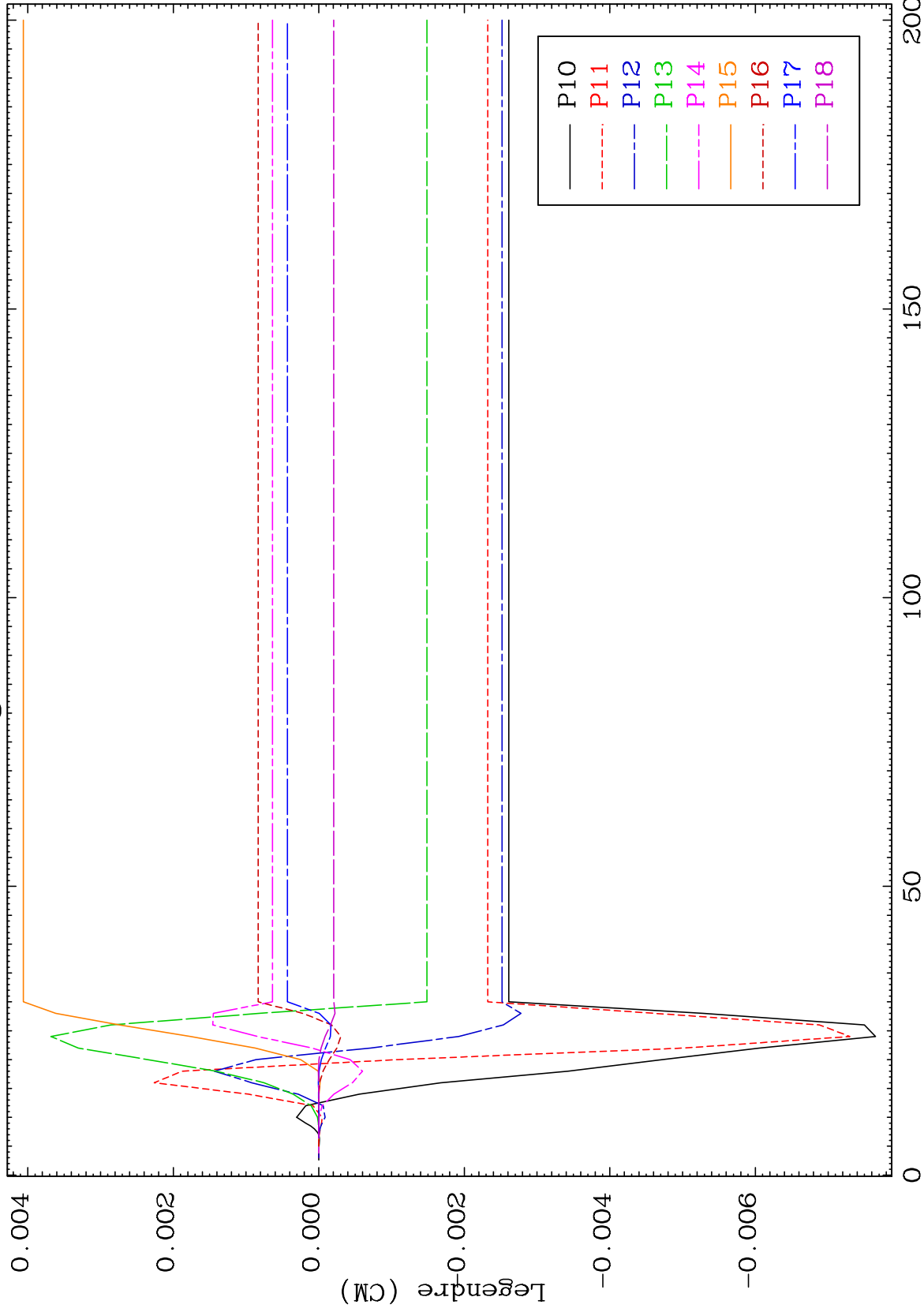
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125

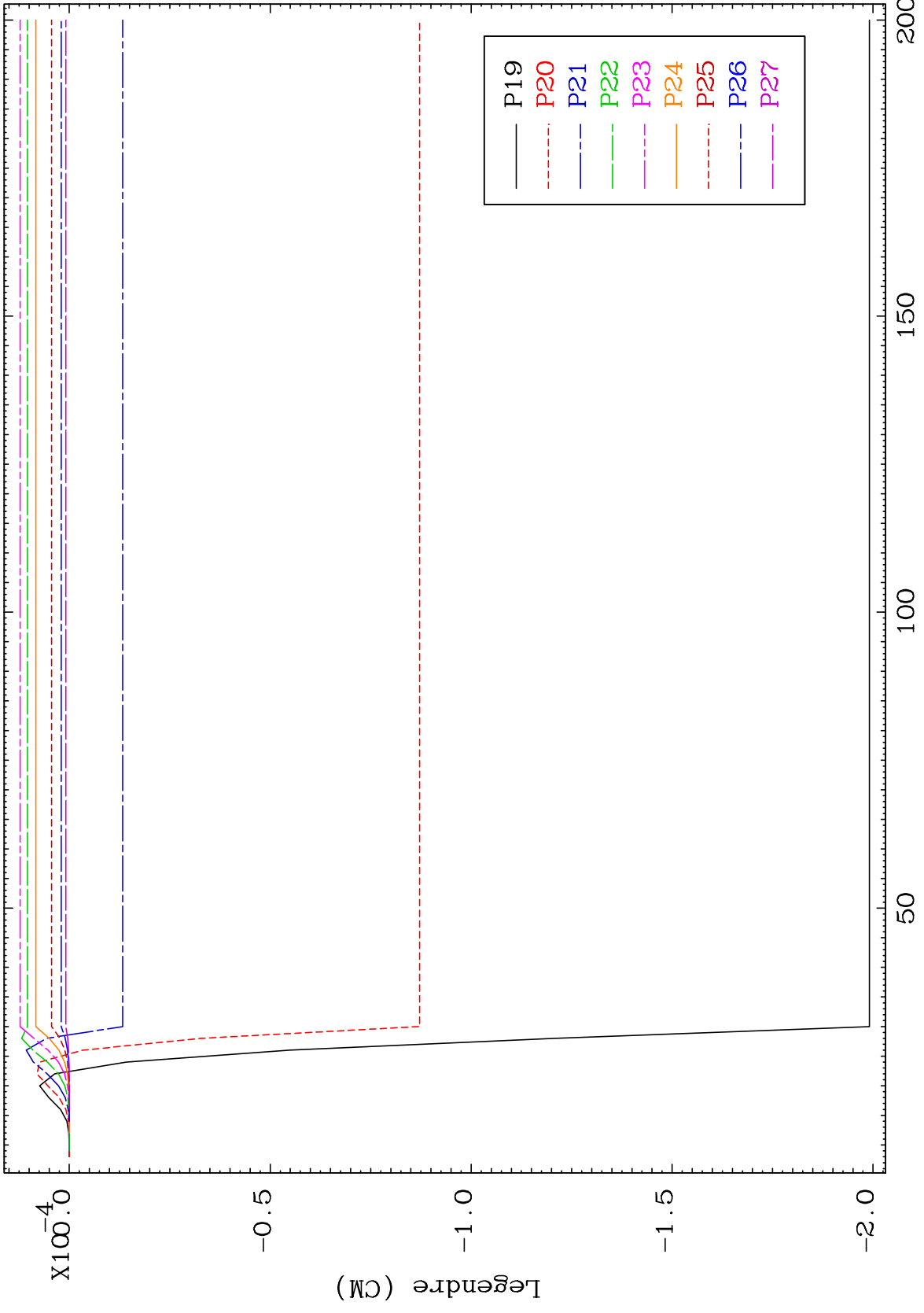


84

Incident Energy (MeV)

56-Ba-125

MAT 5610 MT= 67 (n,n') Level Legendre Coefficients 56-Ba-125

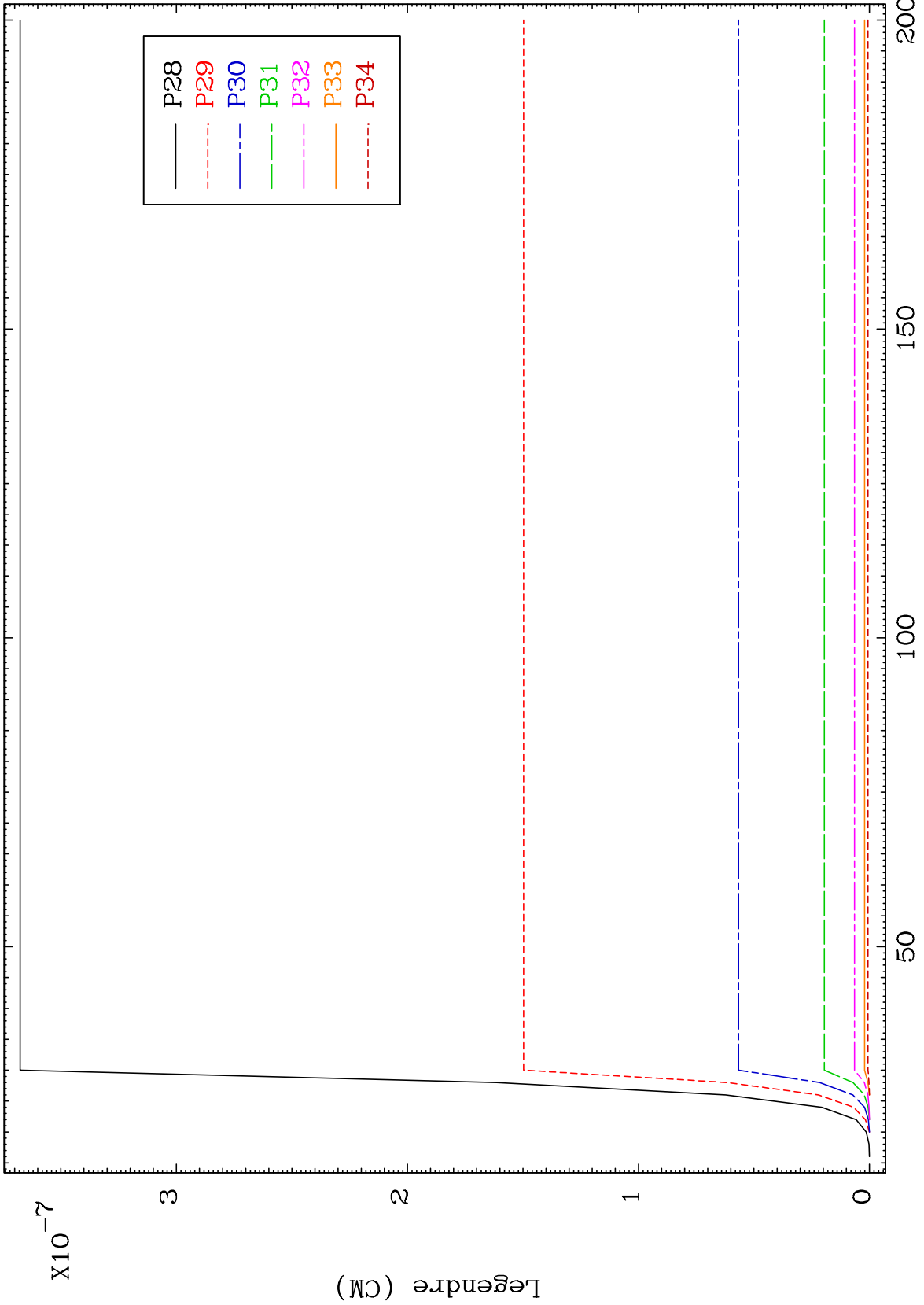


85 Incident Energy (MeV) 56-Ba-125

MAT 5610

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

56-Ba-125



86

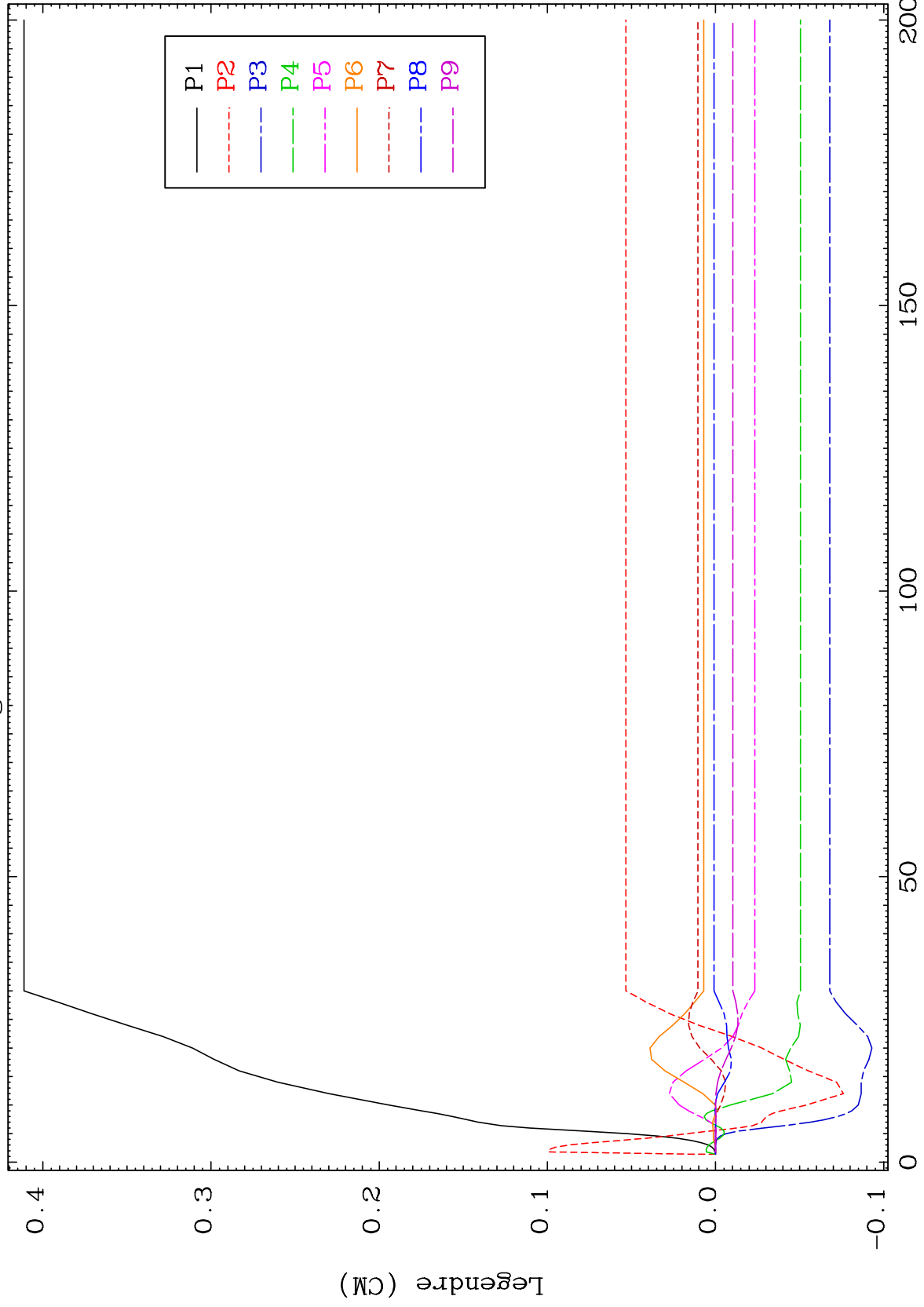
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



87

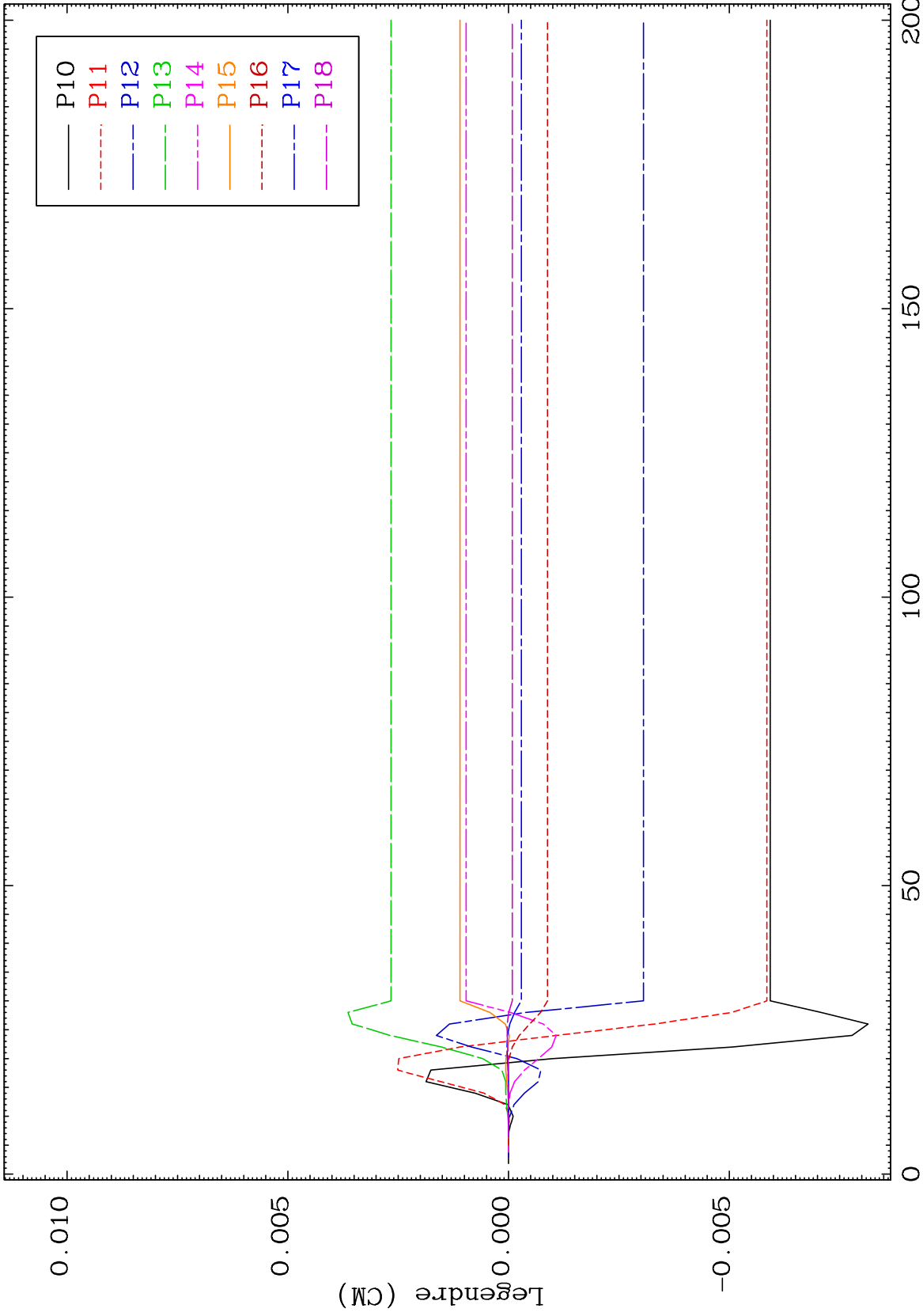
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125

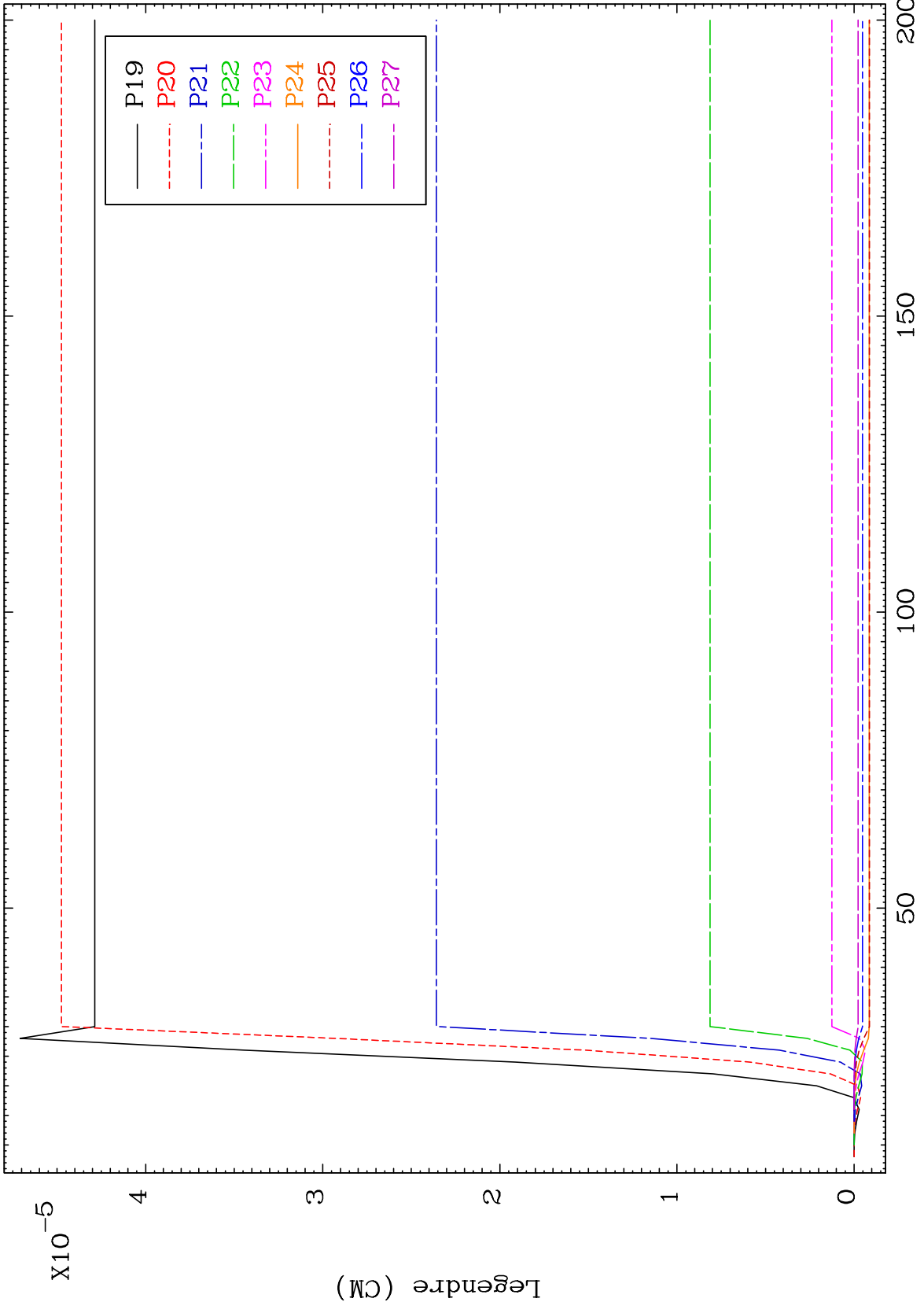


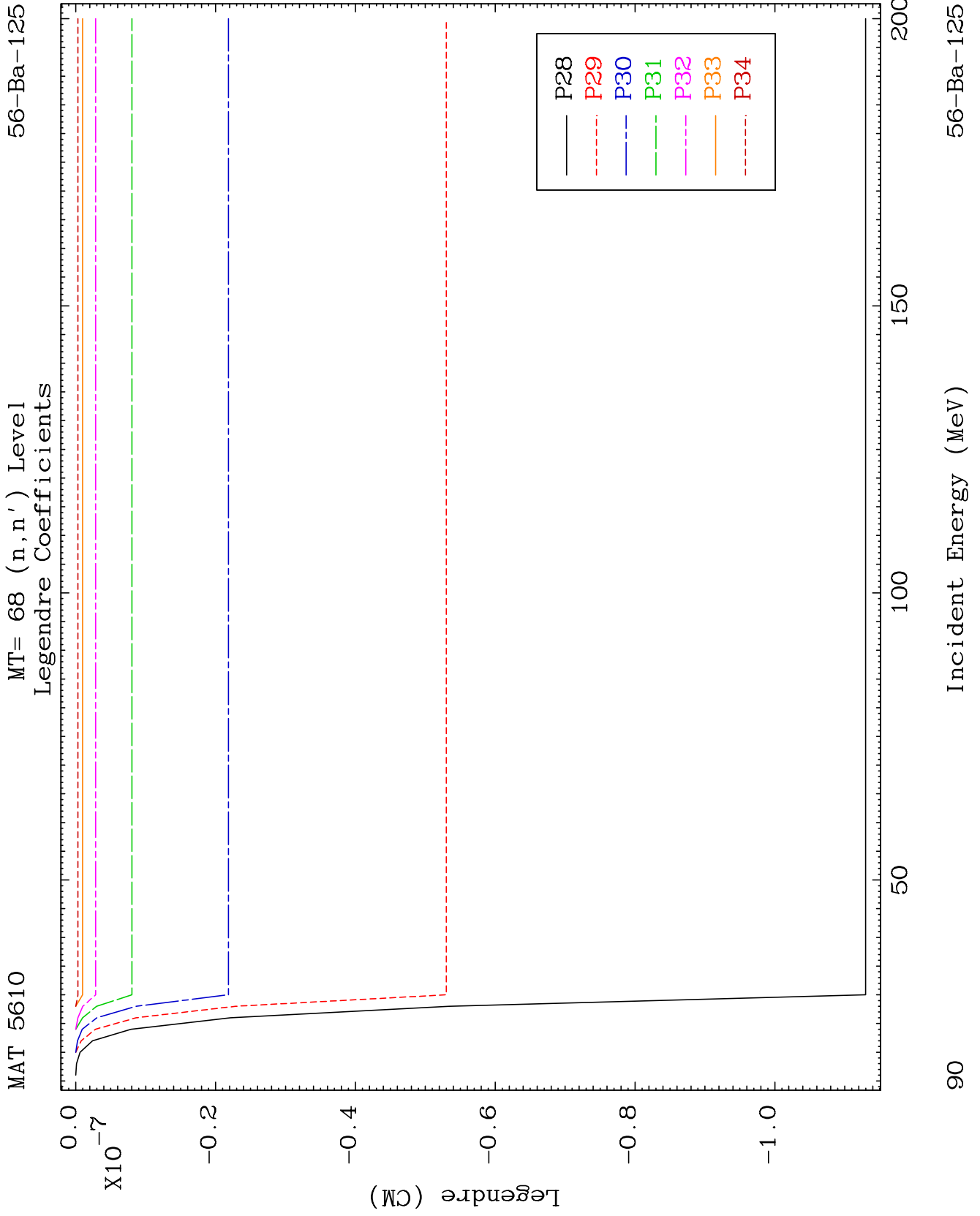
88

Incident Energy (MeV)

56-Ba-125

MAT 5610 MT= 68 (n,n') Level Legendre Coefficients 56-Ba-125

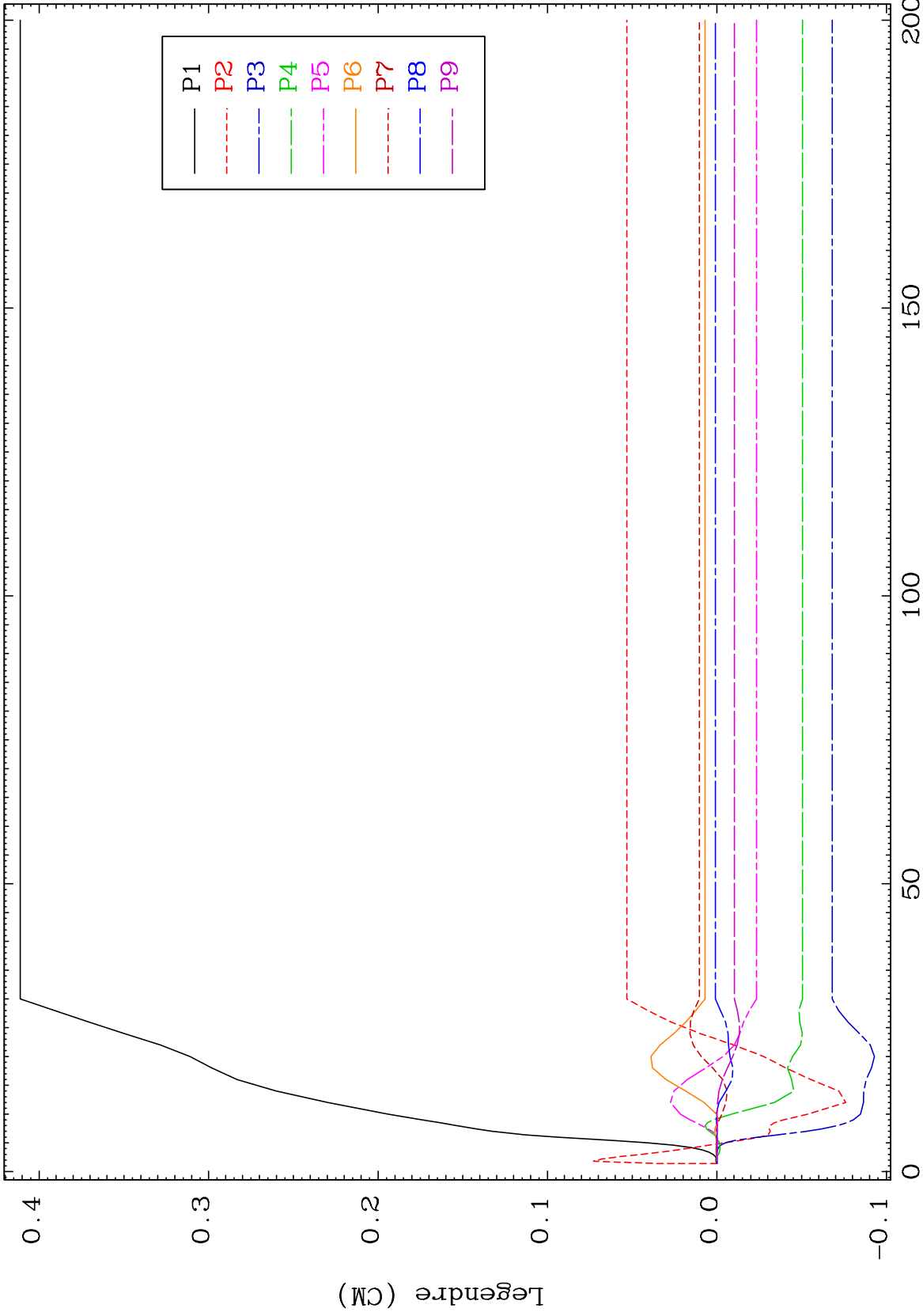




MAT 5610

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

56-Ba-125



91

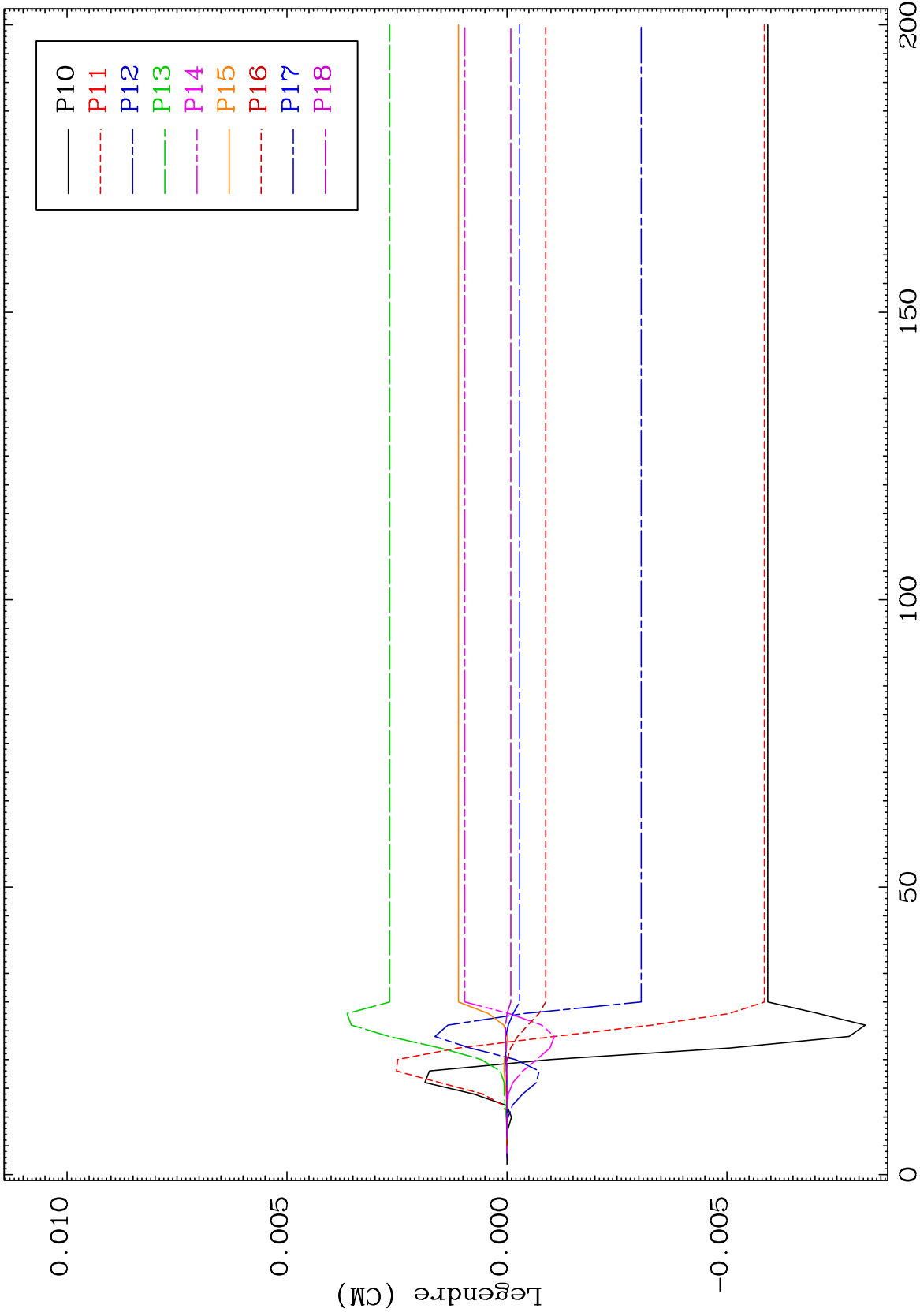
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125

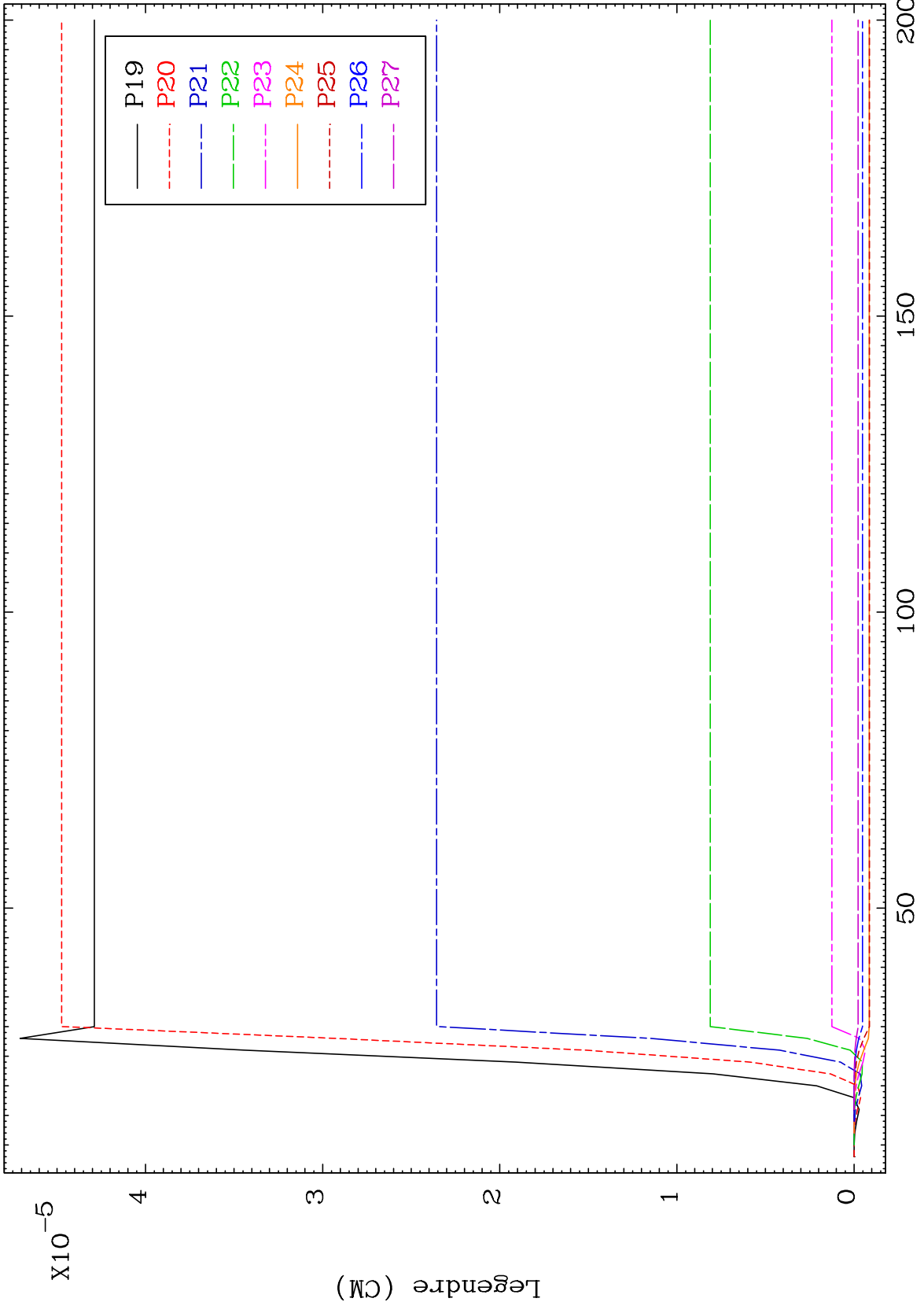


92

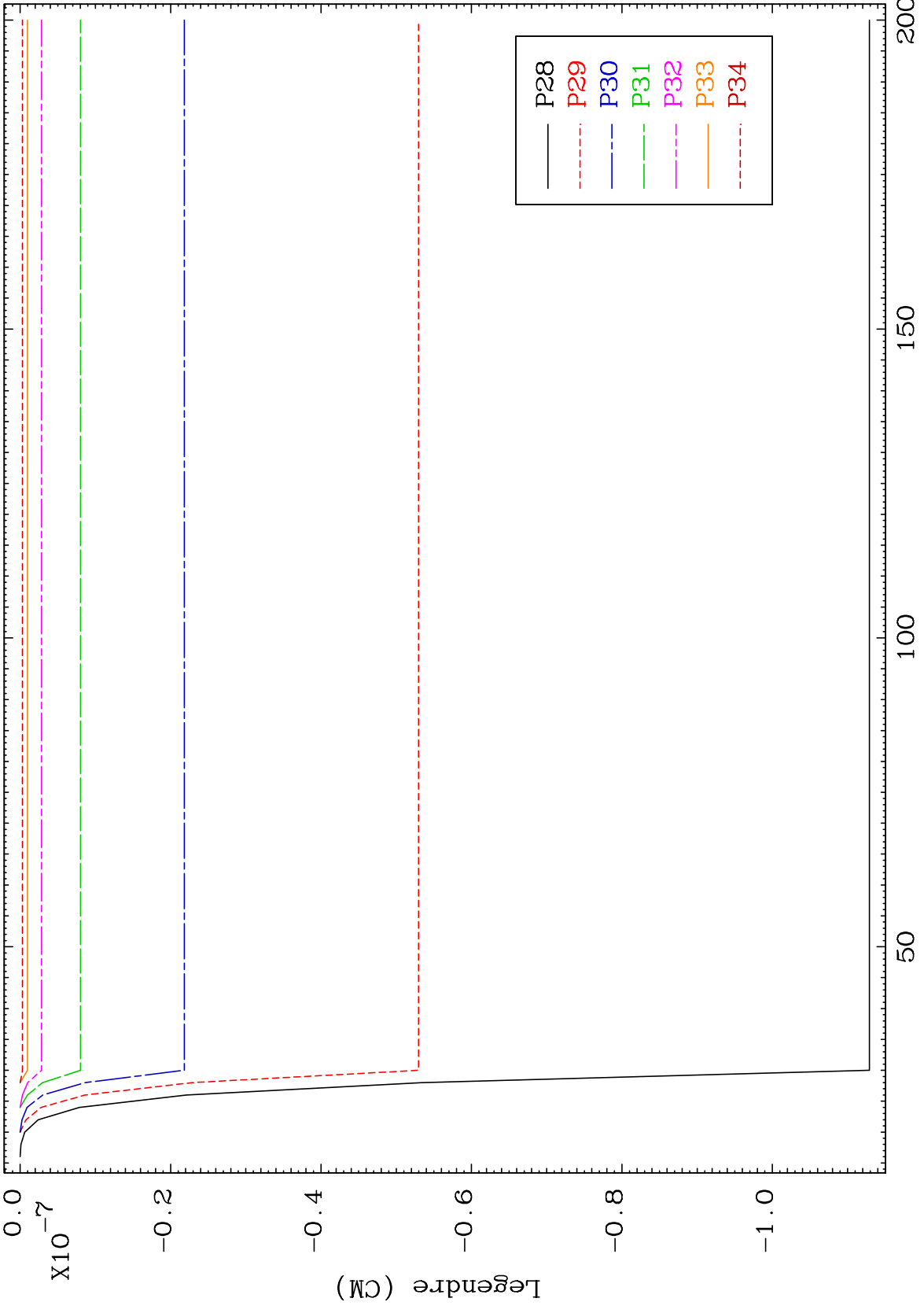
Incident Energy (MeV)

56-Ba-125

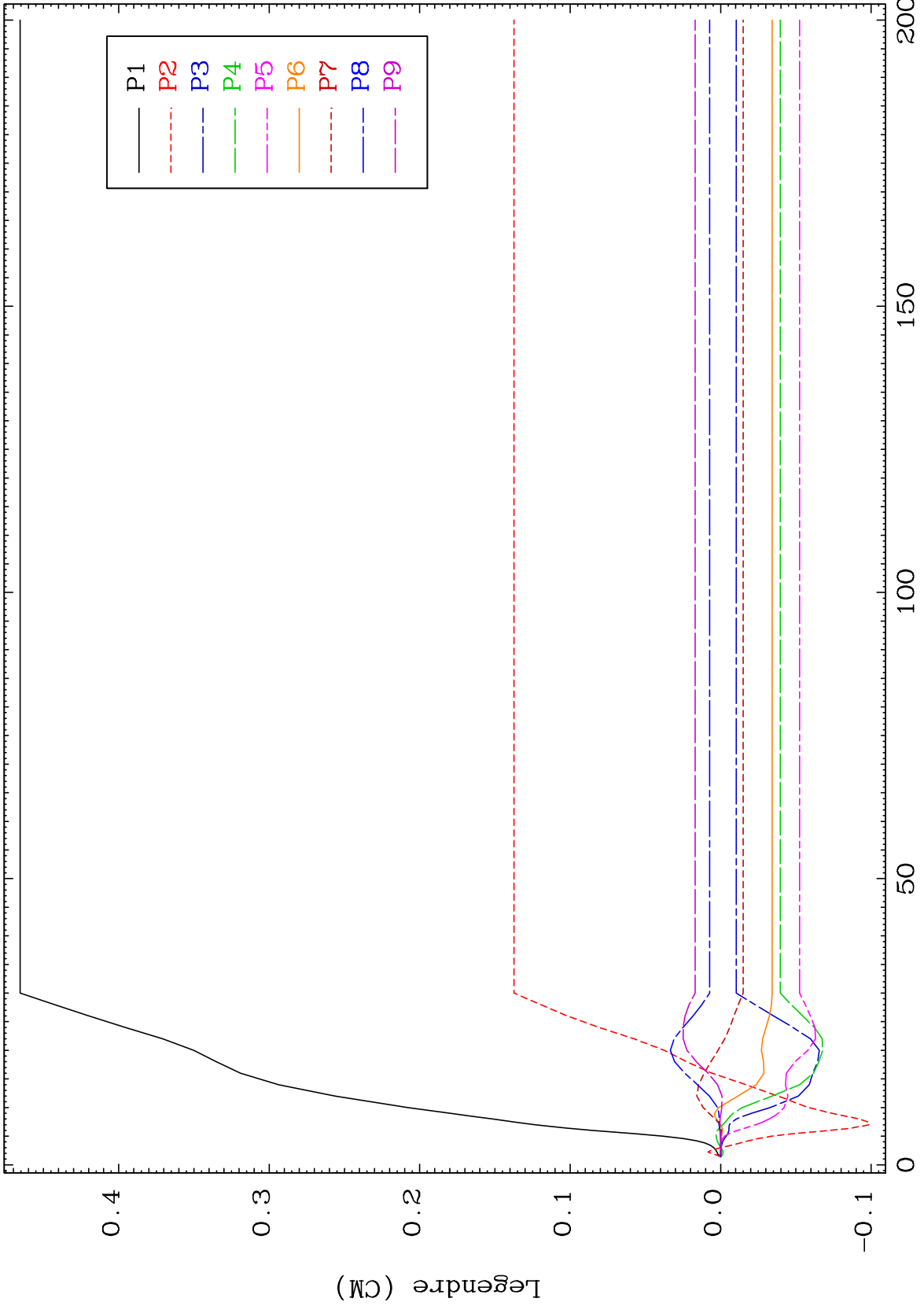
MAT 5610 MT= 69 (n,n') Level Legendre Coefficients 56-Ba-125



MAT 5610 MT= 69 (n,n') Level Legendre Coefficients 56-Ba-125



MAT 5610 MT= 70 (n,n') Level Legendre Coefficients 56-Ba-125

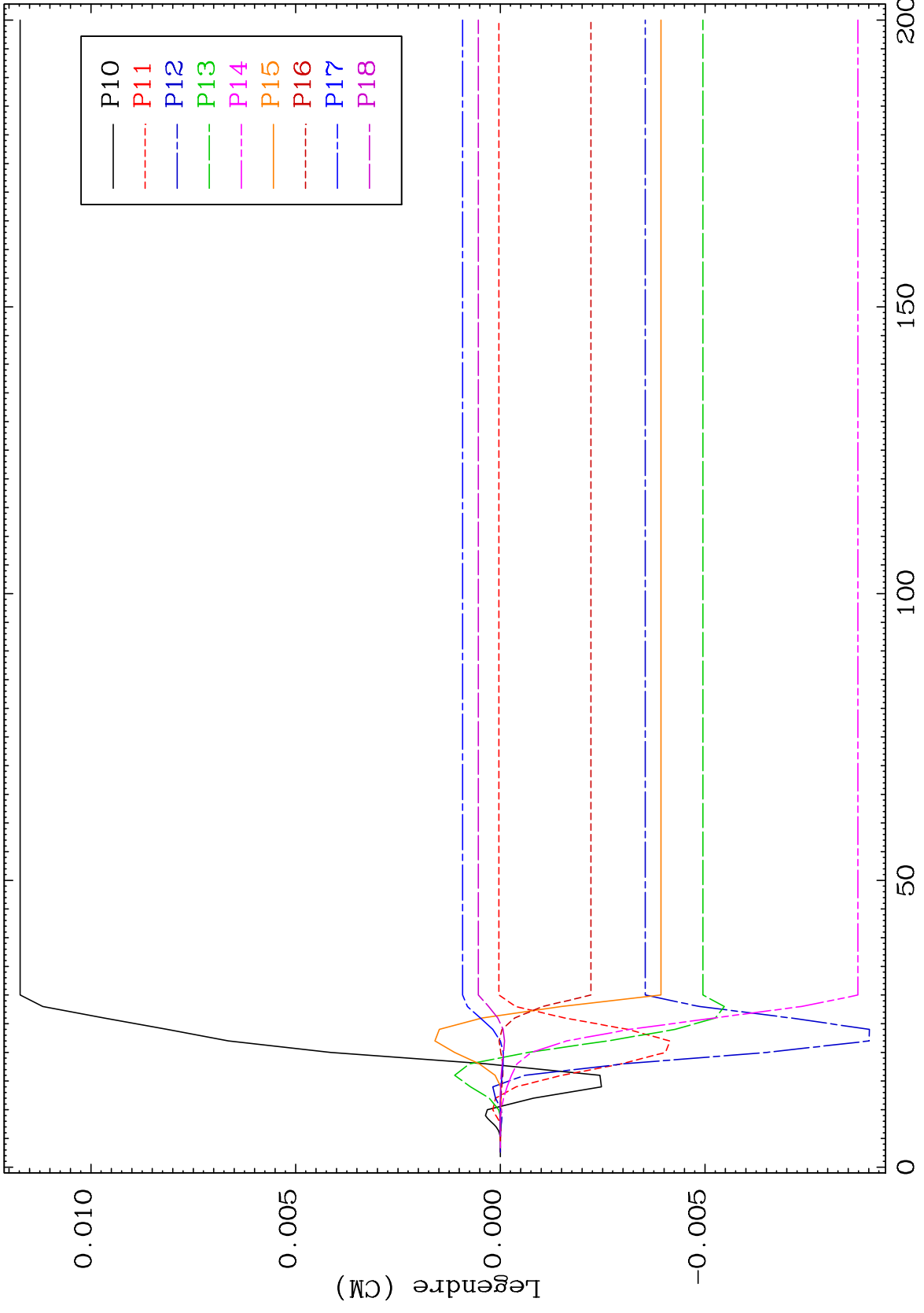


95 Incident Energy (MeV) 56-Ba-125

MAT 5610

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

56-Ba-125



96

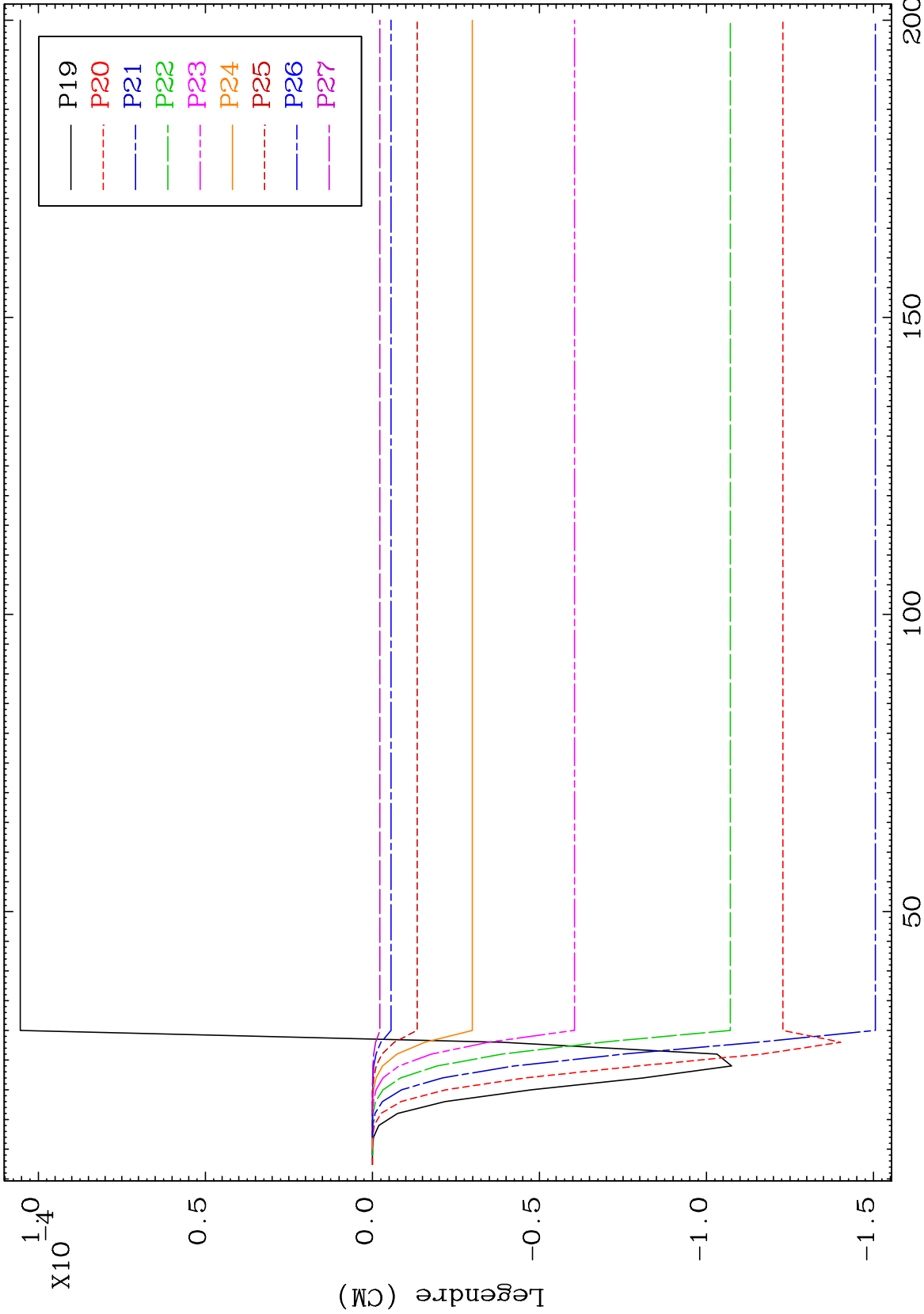
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125

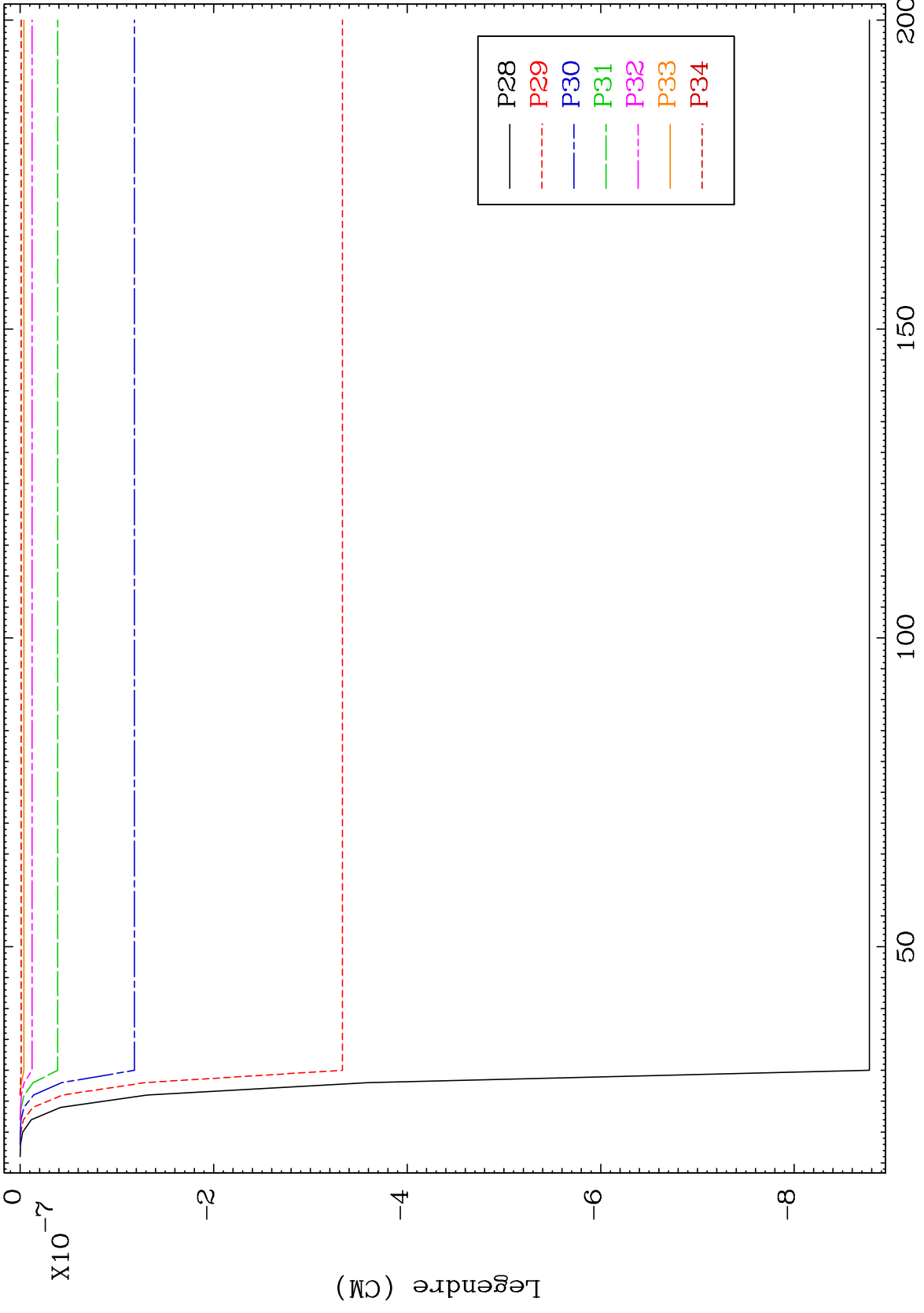


97

Incident Energy (MeV)

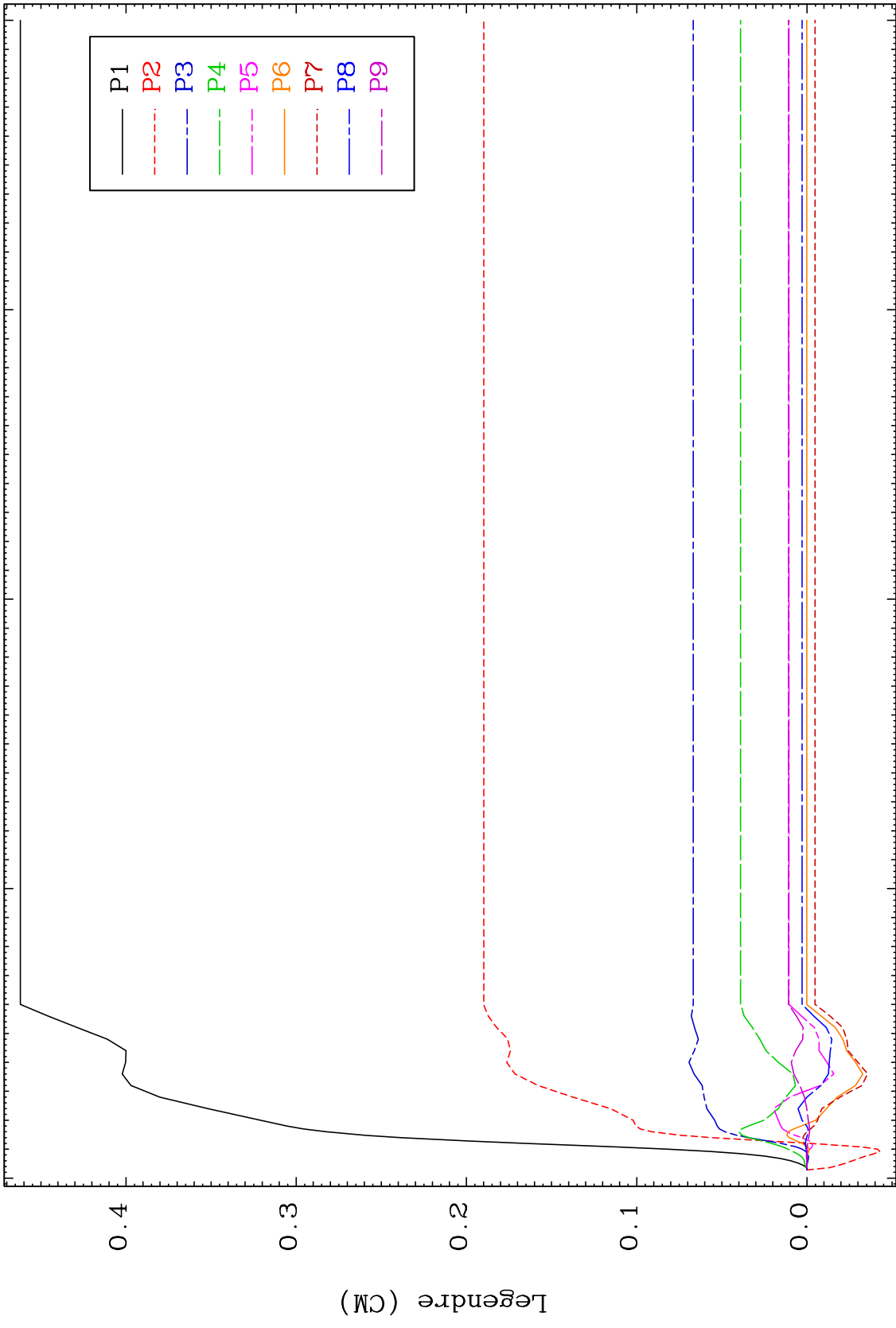
56-Ba-125

MAT 5610 MT= 70 (n,n') Level Legendre Coefficients 56-Ba-125



98 56-Ba-125

MAT 5610 MT= 71 (n,n') Level Legendre Coefficients 56-Ba-125

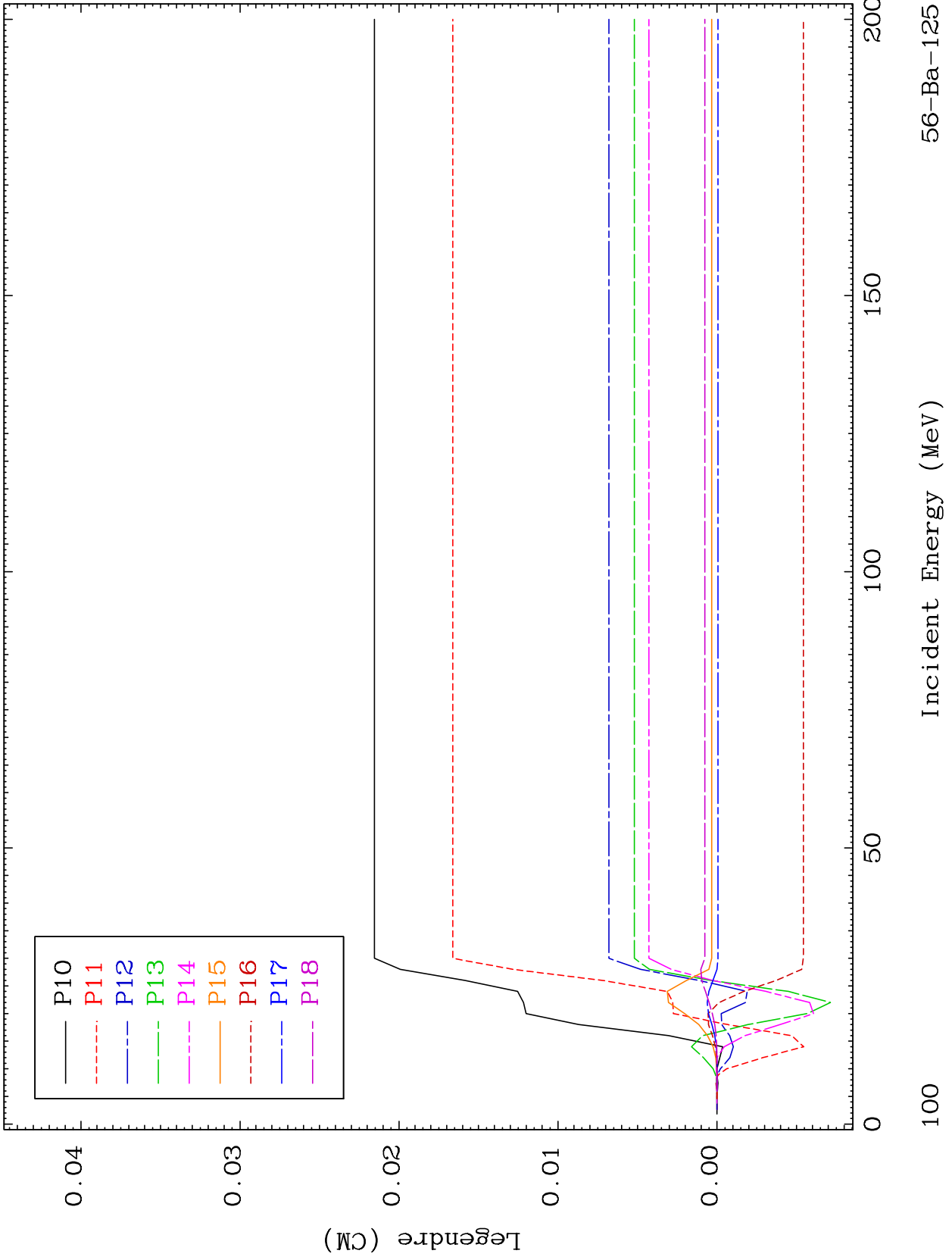


99 Incident Energy (MeV) 56-Ba-125

MAT 5610

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

56-Ba-125

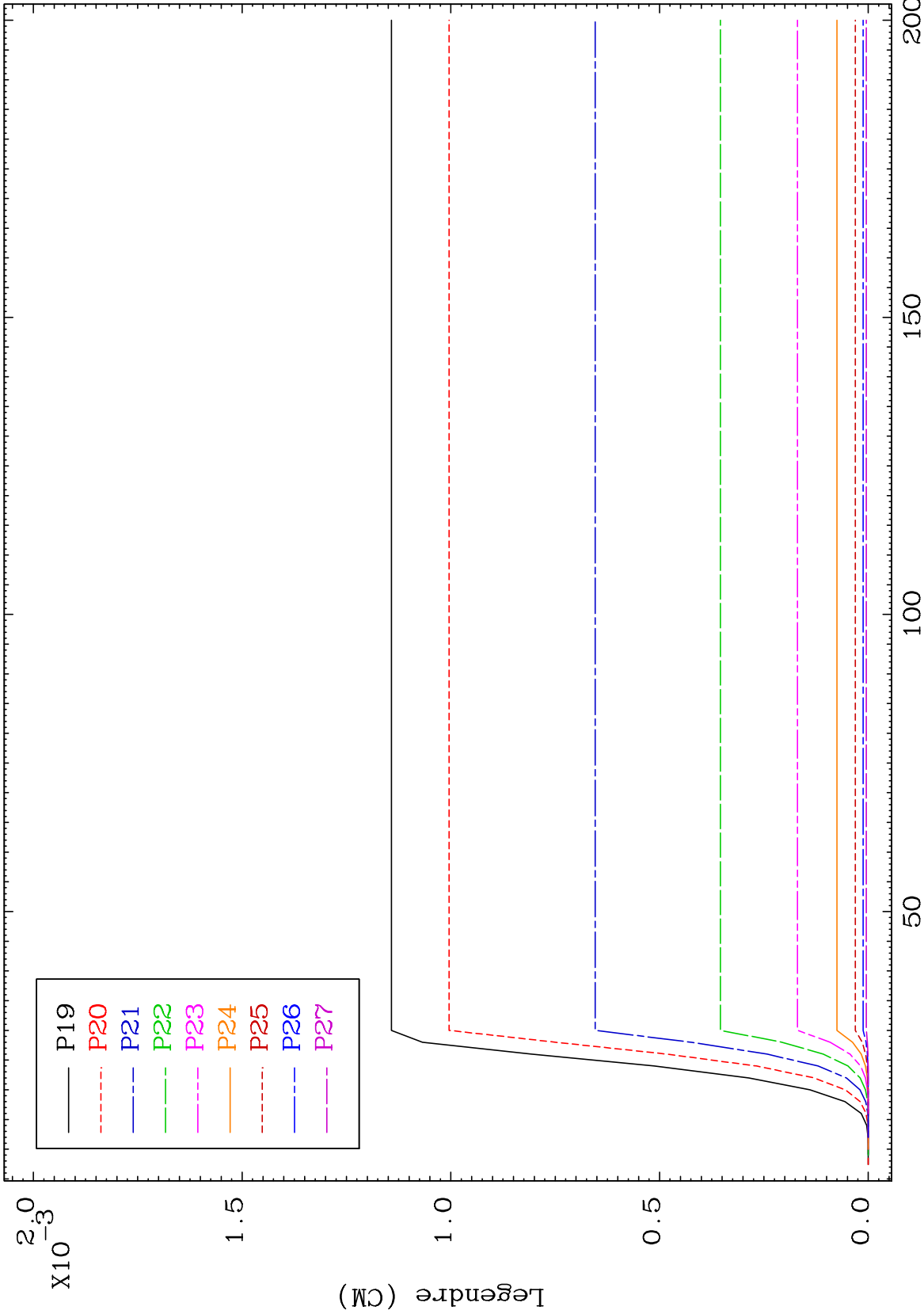


56-Ba-125

MAT 5610

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

56-Ba-125

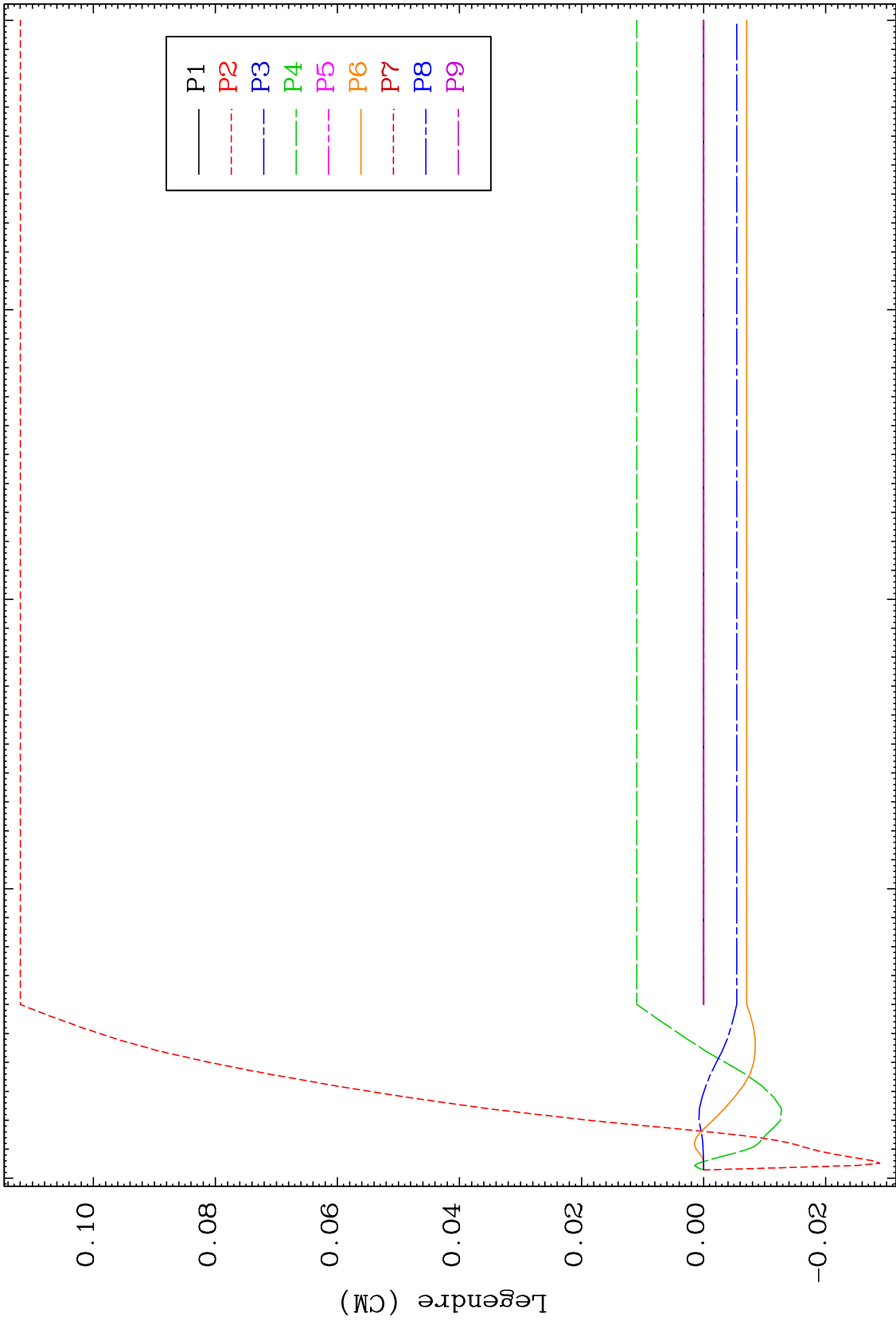


101

Incident Energy (MeV)

56-Ba-125

MAT 5610 MT= 72 (n,n') Level Legendre Coefficients 56-Ba-125

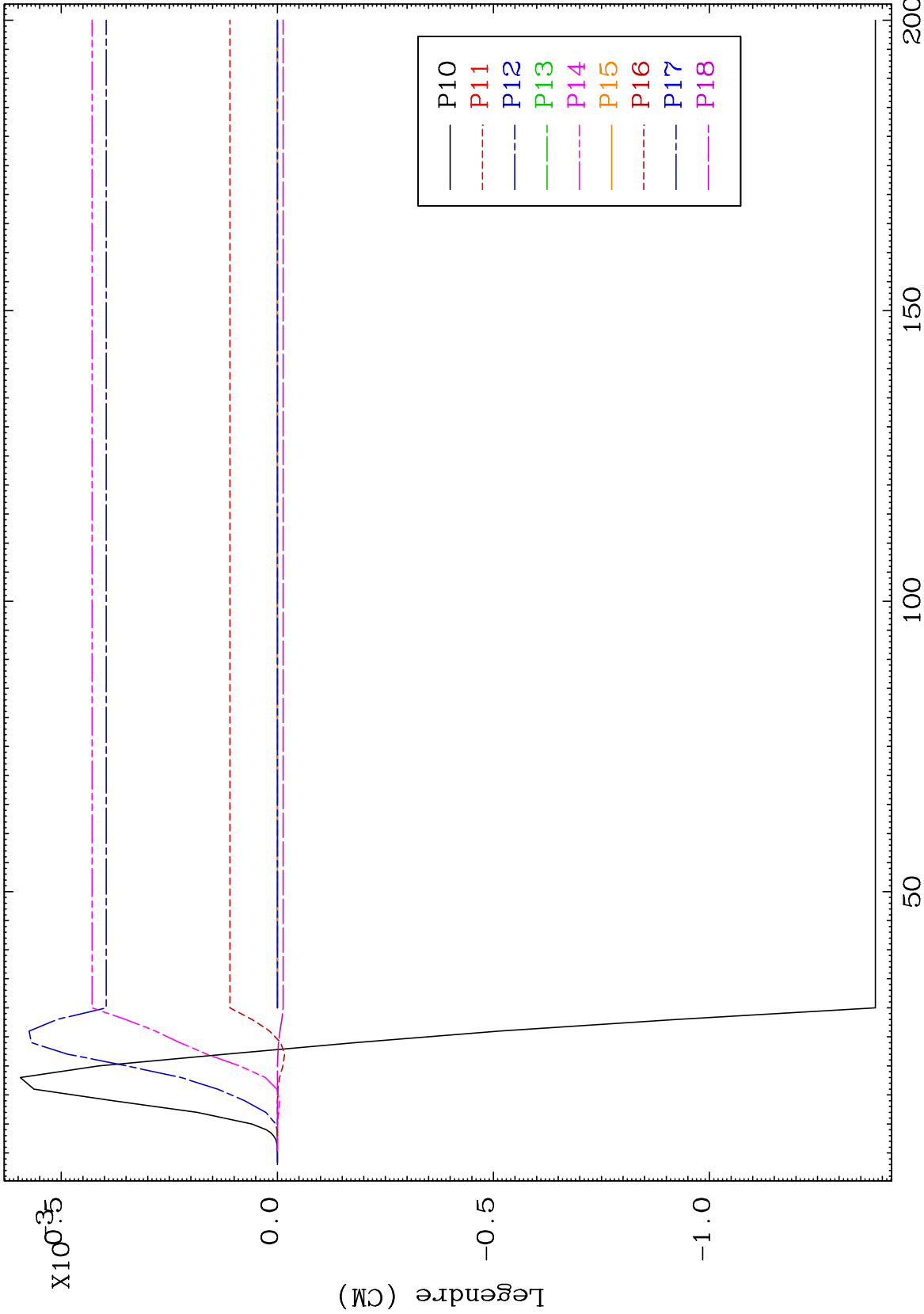


103 56-Ba-125

MAT 5610

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

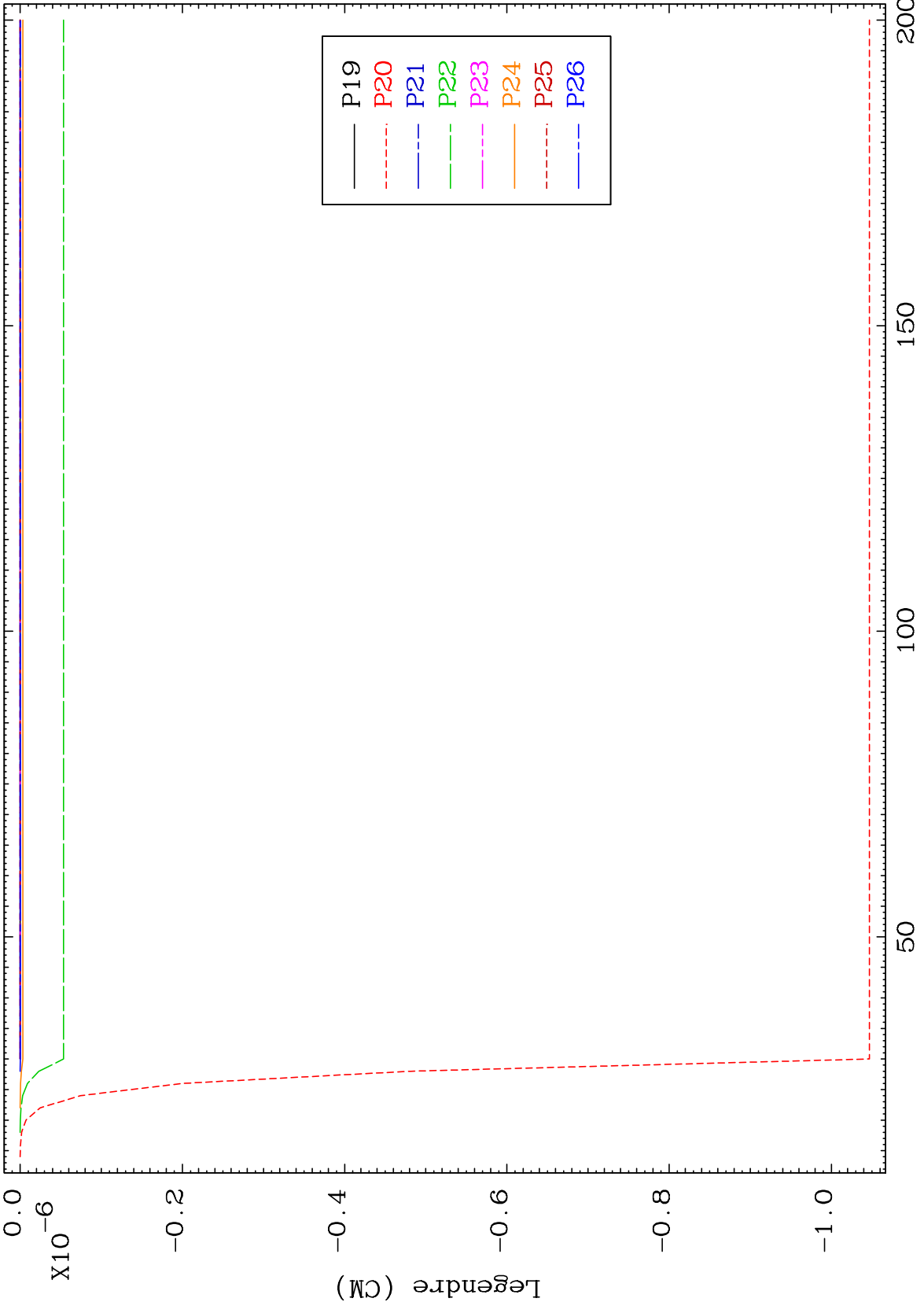
56-Ba-125



104

56-Ba-125

MAT 5610 MT= 72 (n,n') Level Legendre Coefficients 56-Ba-125

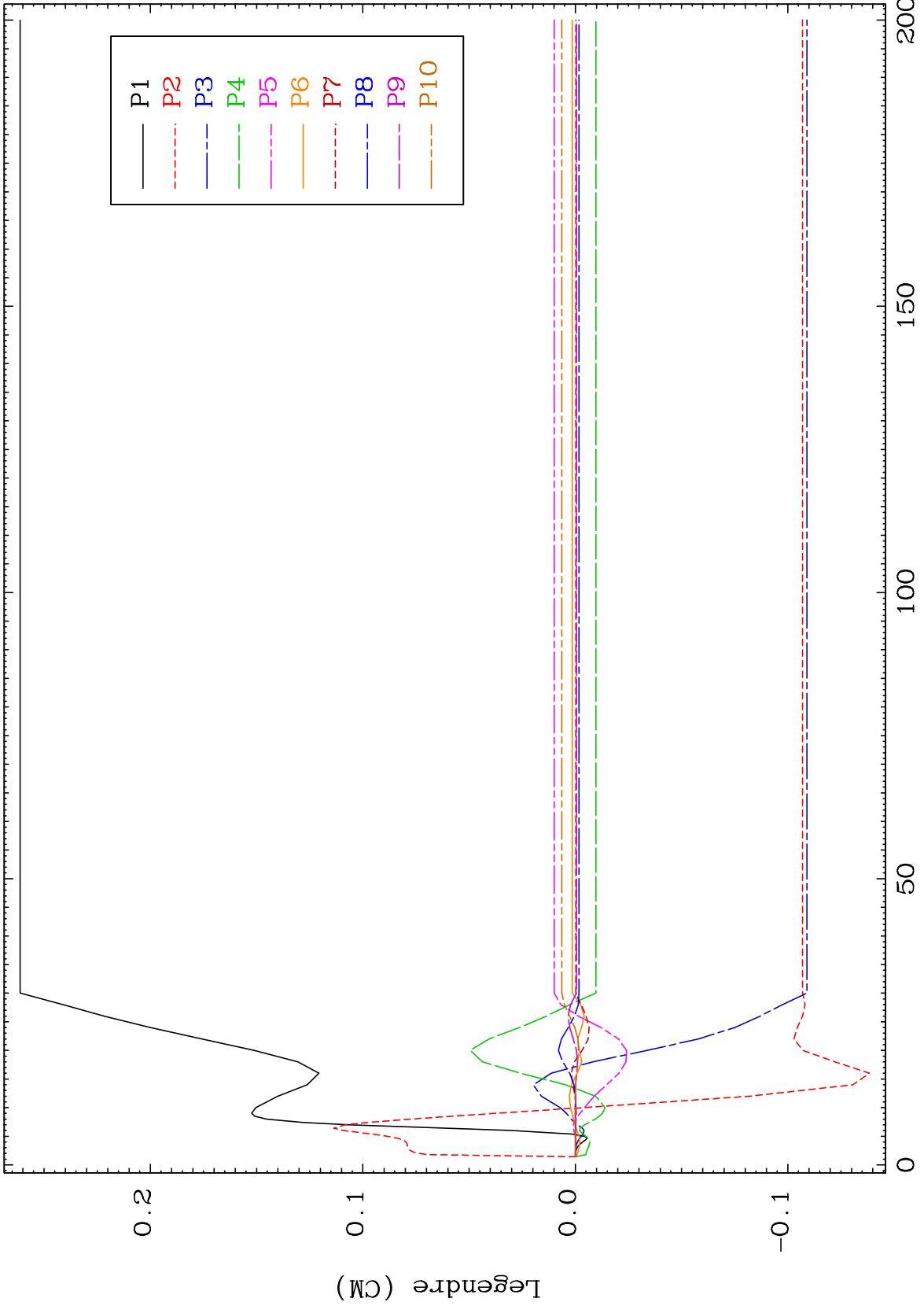


105 50 100 150 200 Incident Energy (MeV) 56-Ba-125

MAT 5610

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

56-Ba-125



106

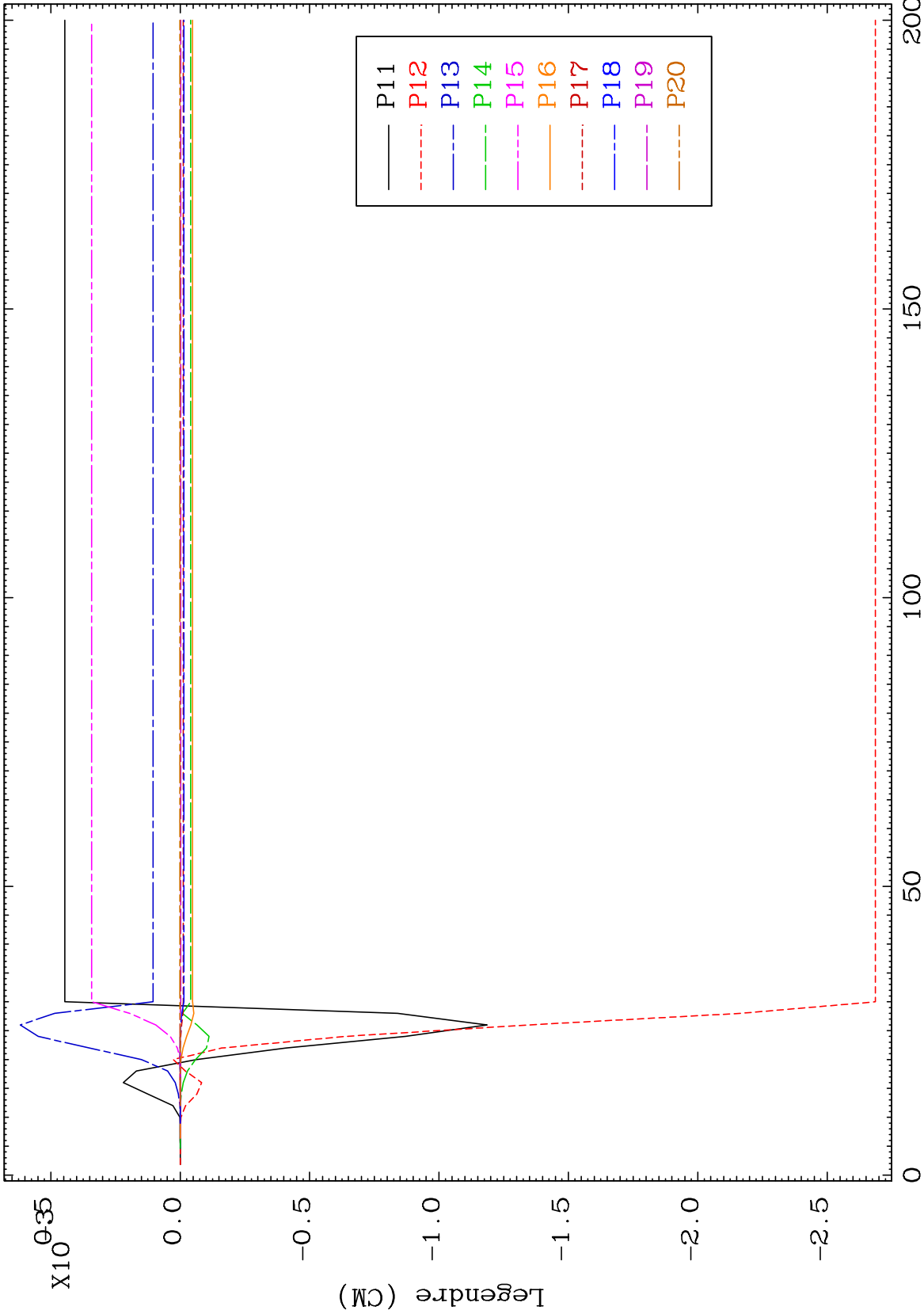
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



107

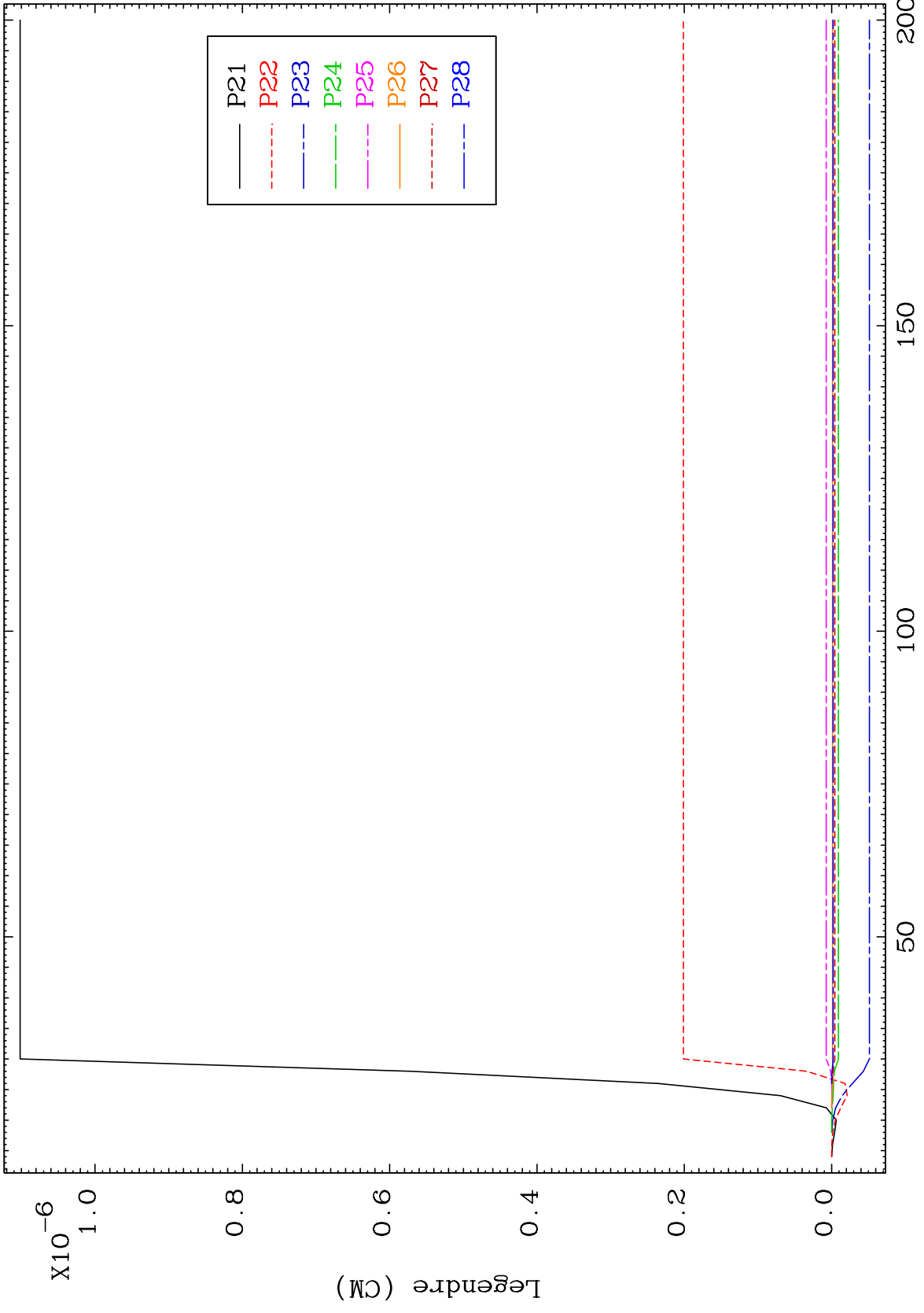
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



108

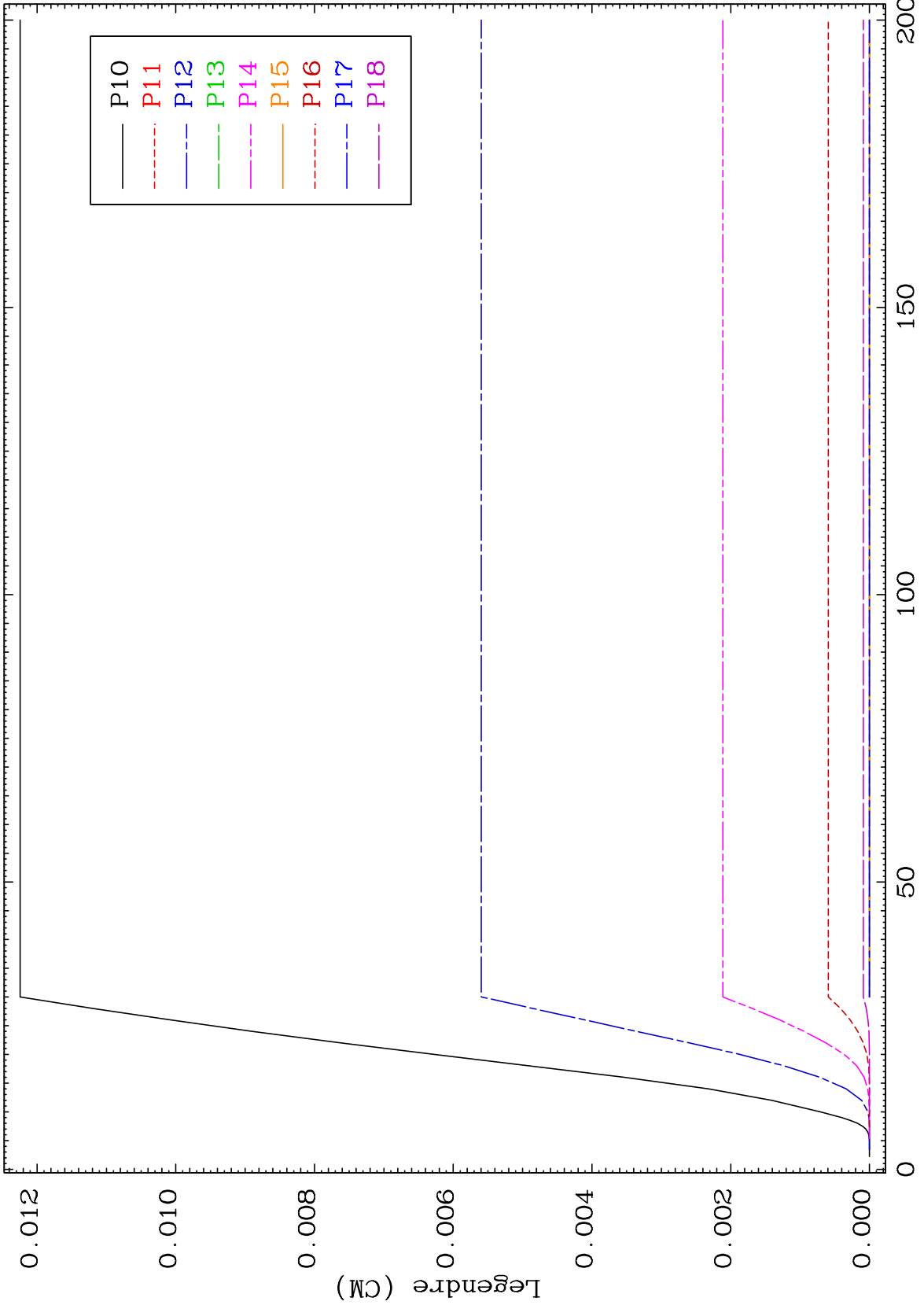
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125

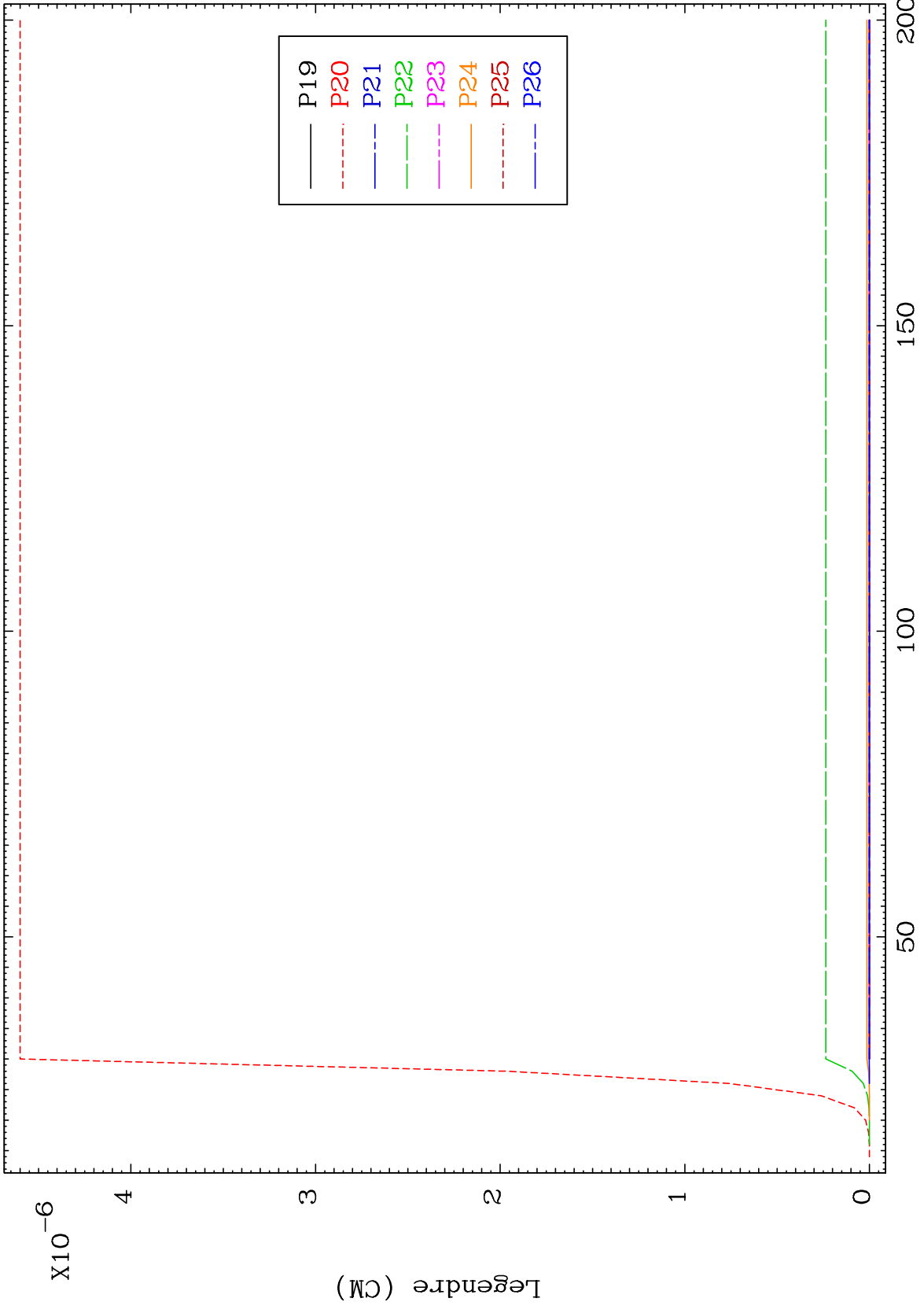


110

Incident Energy (MeV)

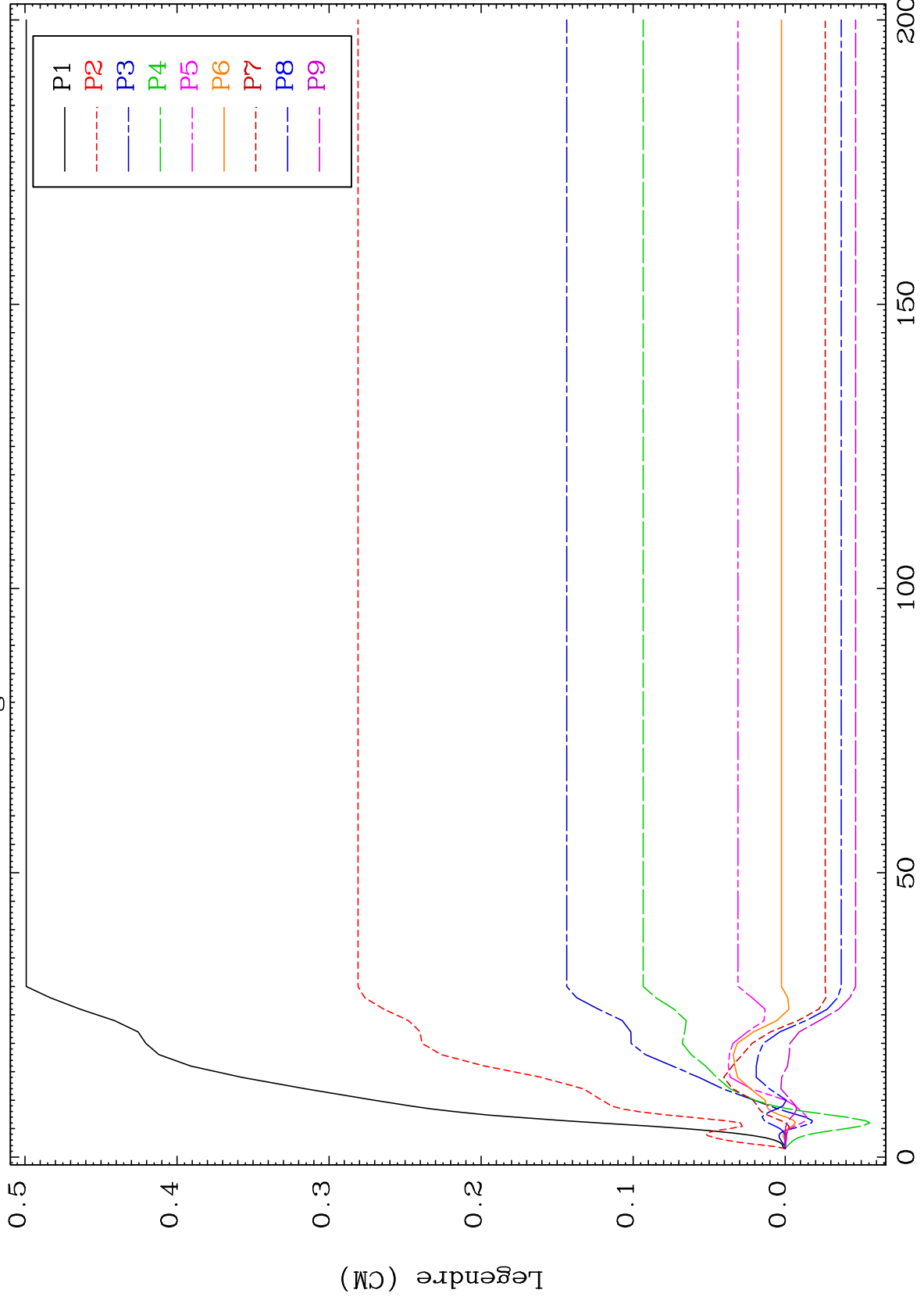
56-Ba-125

MAT 5610 MT= 74 (n,n') Level Legendre Coefficients 56-Ba-125

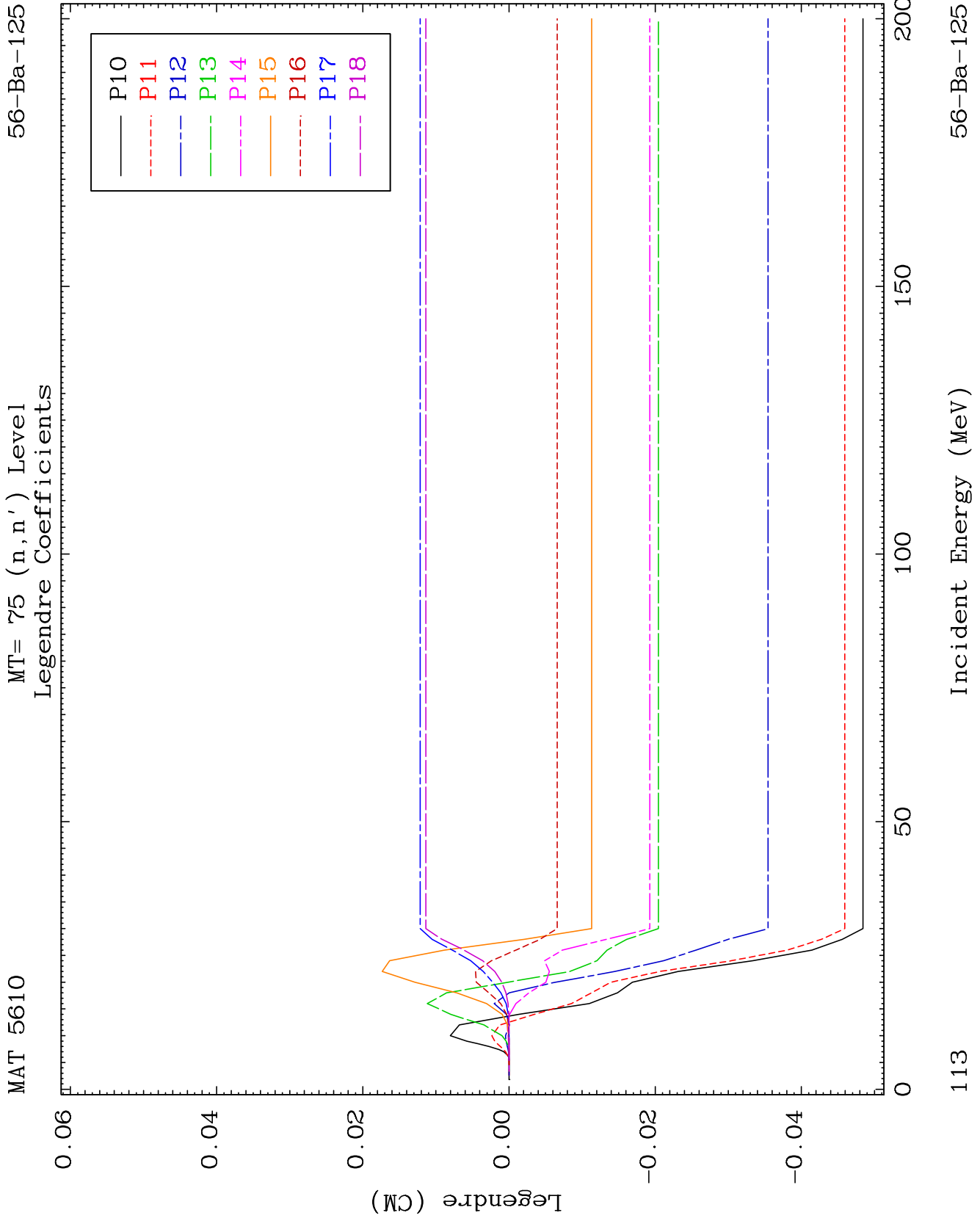


111 56-Ba-125

MAT 5610 MT= 75 (n,n') Level Legendre Coefficients 56-Ba-125



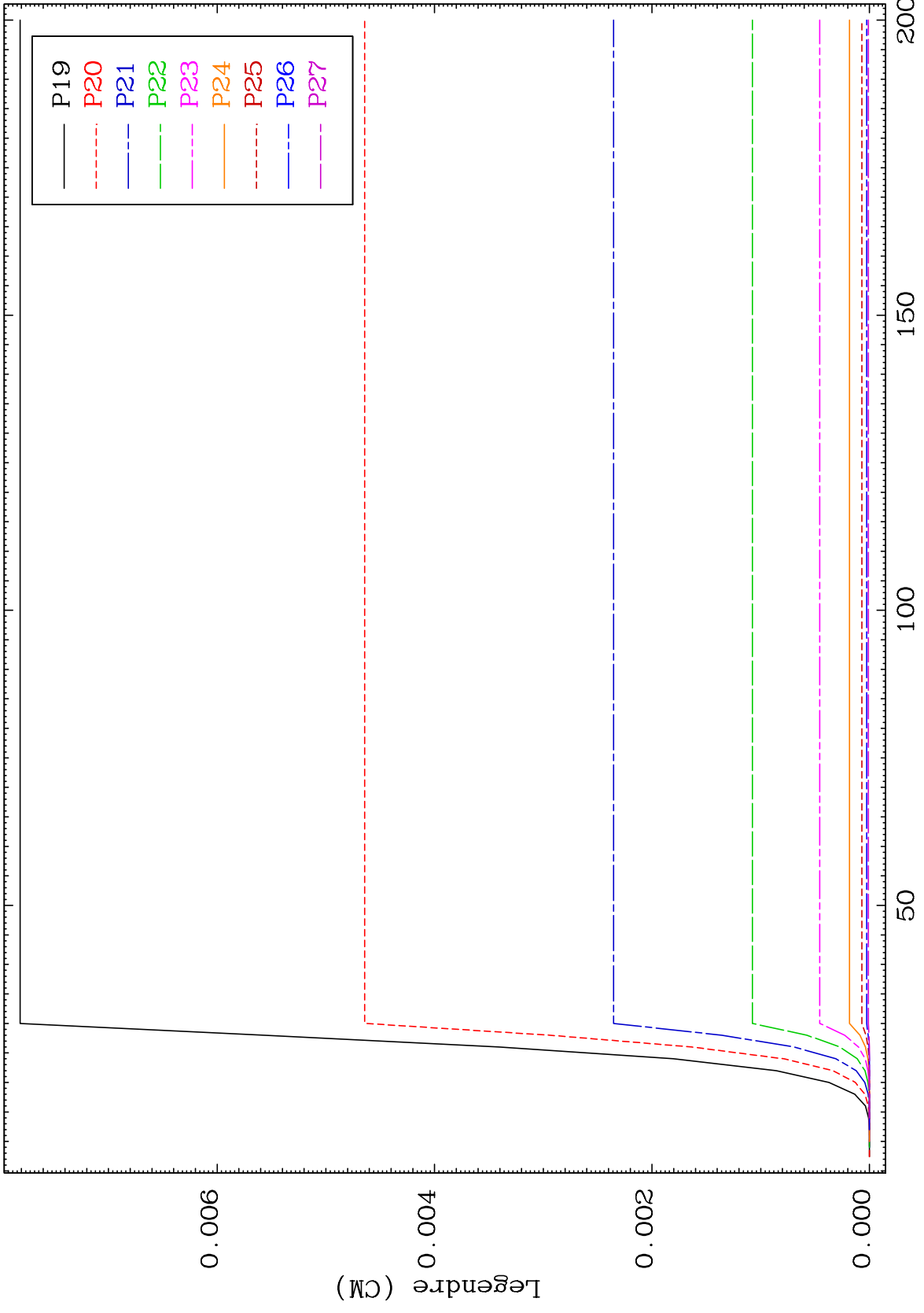
112 56-Ba-125



MAT 5610

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

56-Ba-125

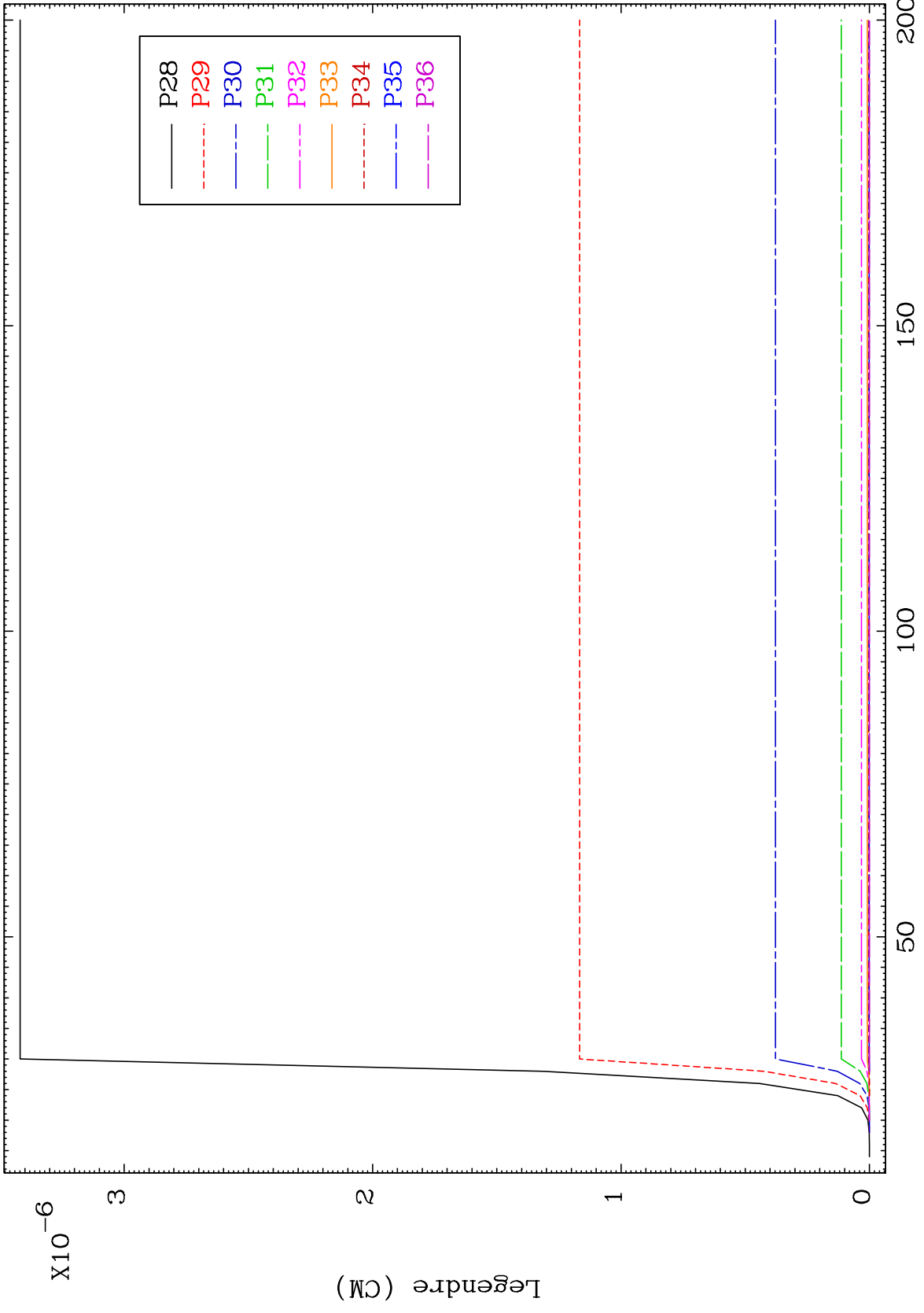


114

Incident Energy (MeV)

56-Ba-125

MAT 5610 MT= 75 (n,n') Level Legendre Coefficients 56-Ba-125

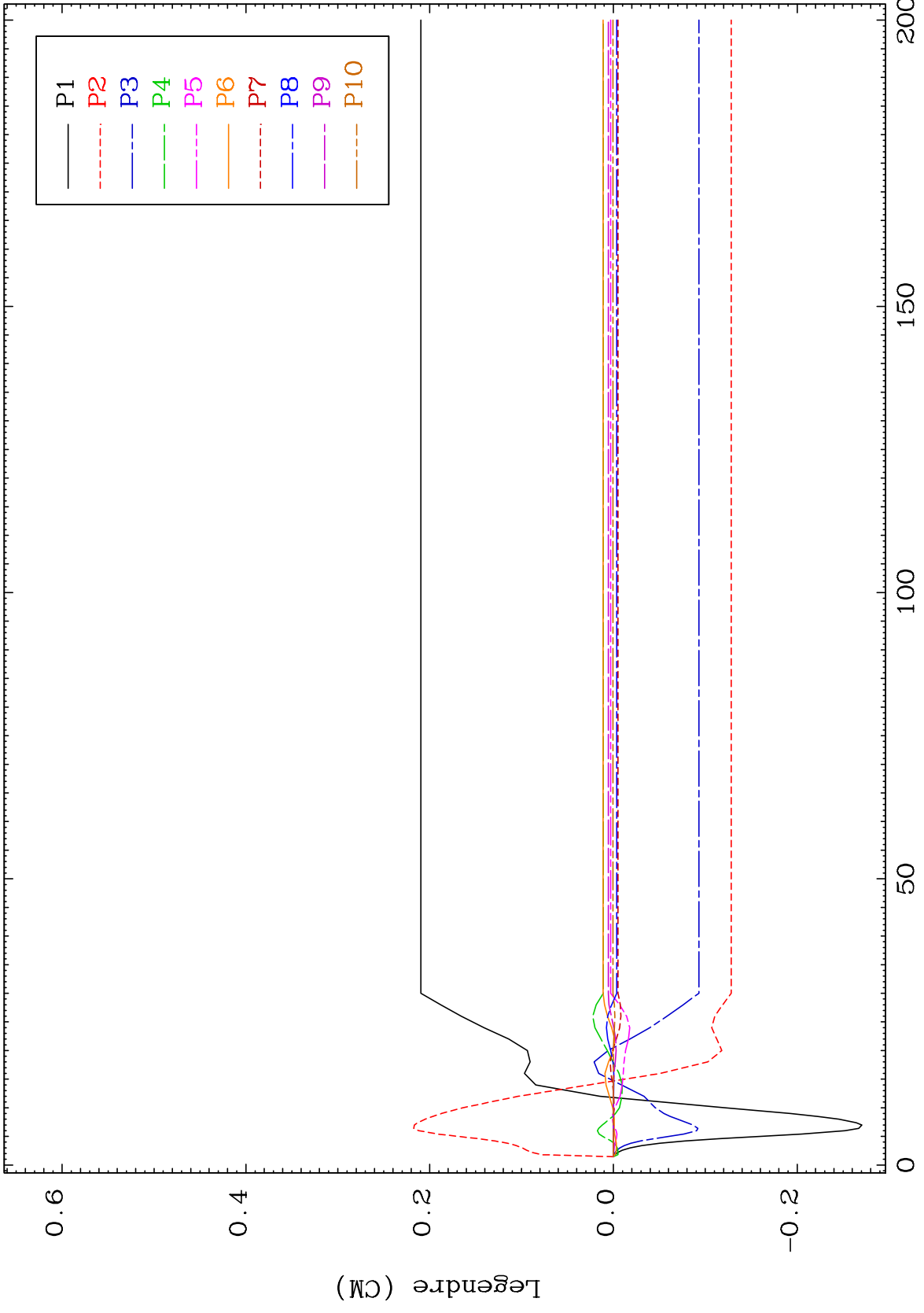


115 Incident Energy (MeV) 56-Ba-125

MAT 5610

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

56-Ba-125



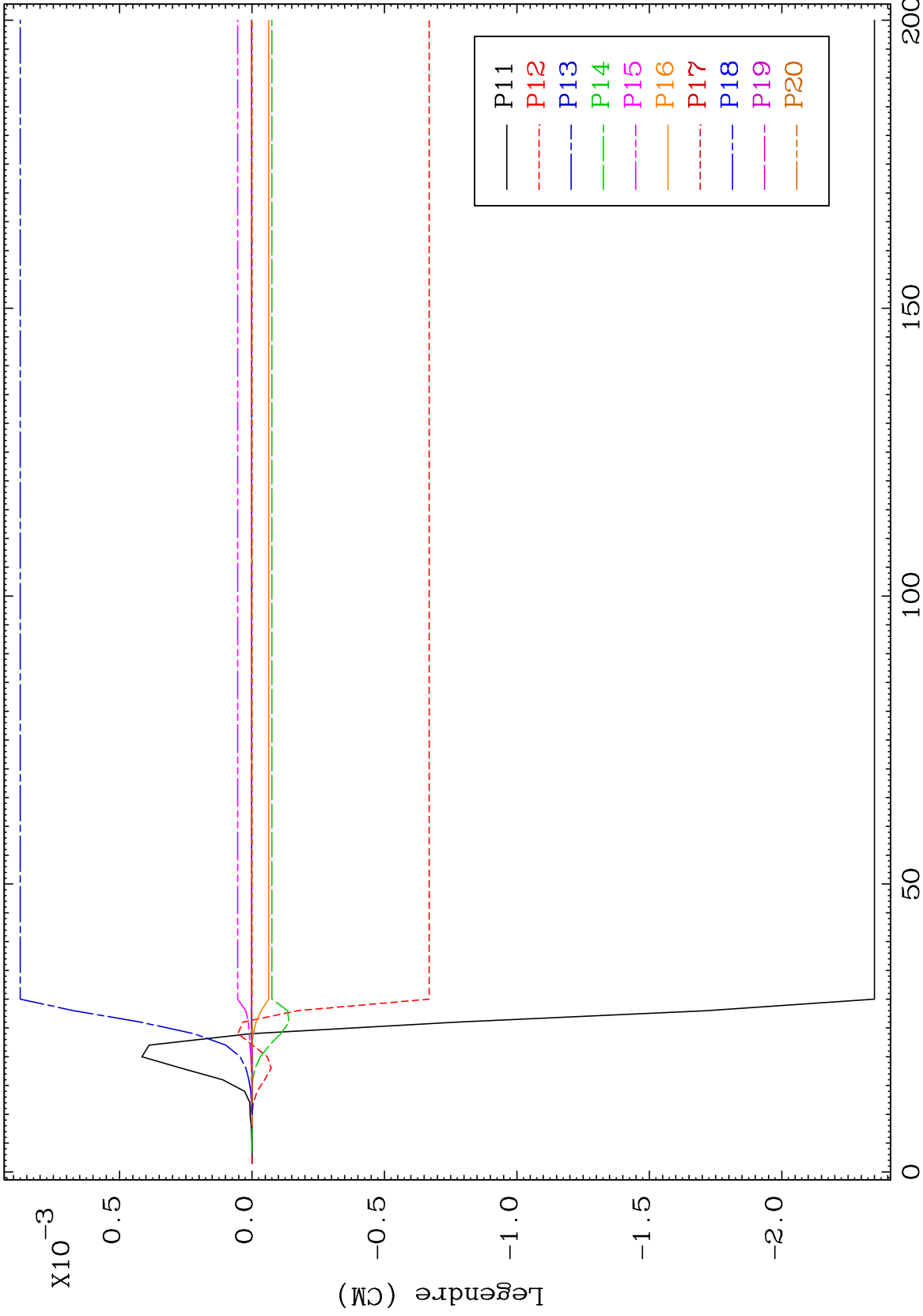
116

56-Ba-125

MAT 5610

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

56-Ba-125



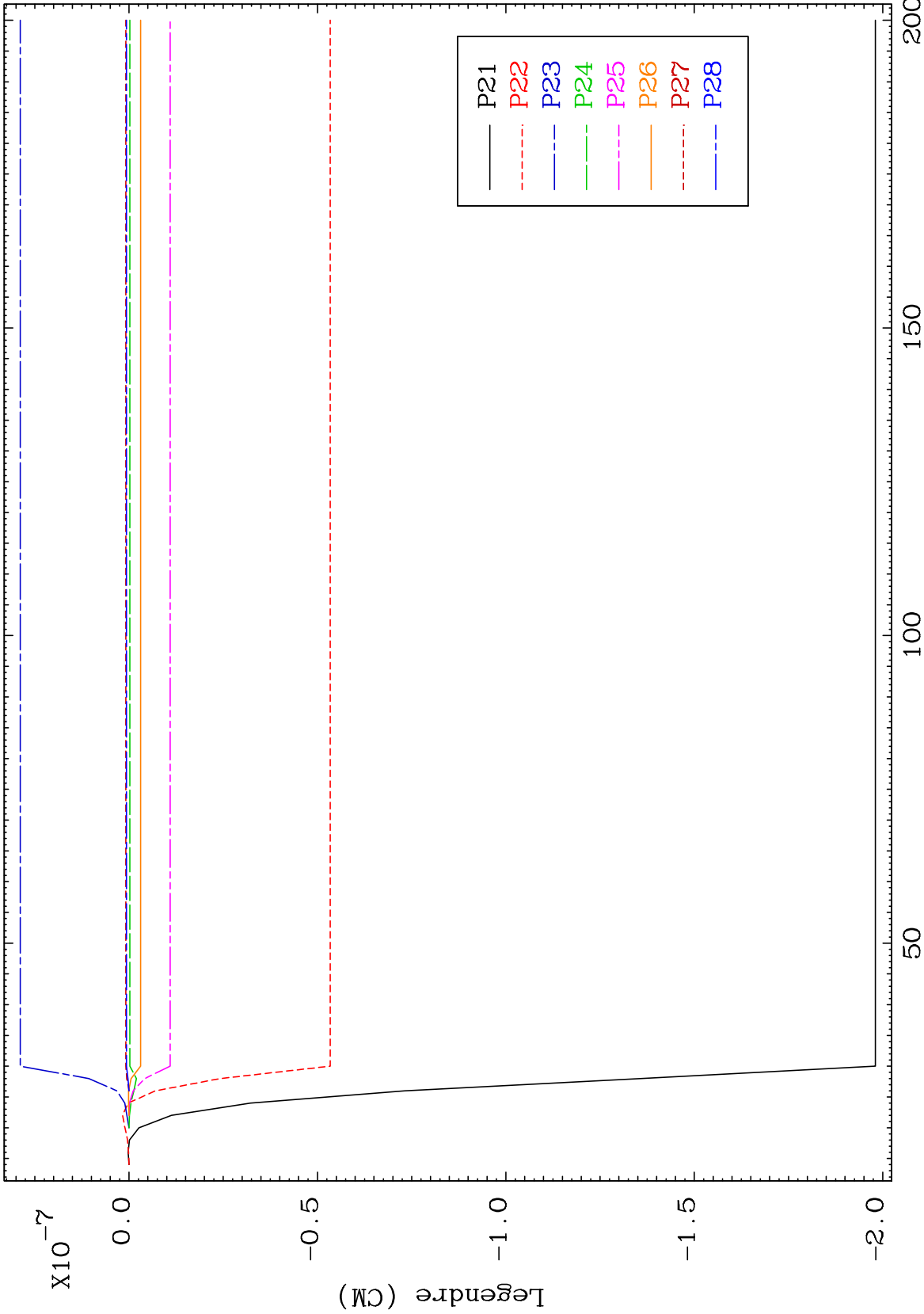
117

56-Ba-125

MAT 5610

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

56-Ba-125



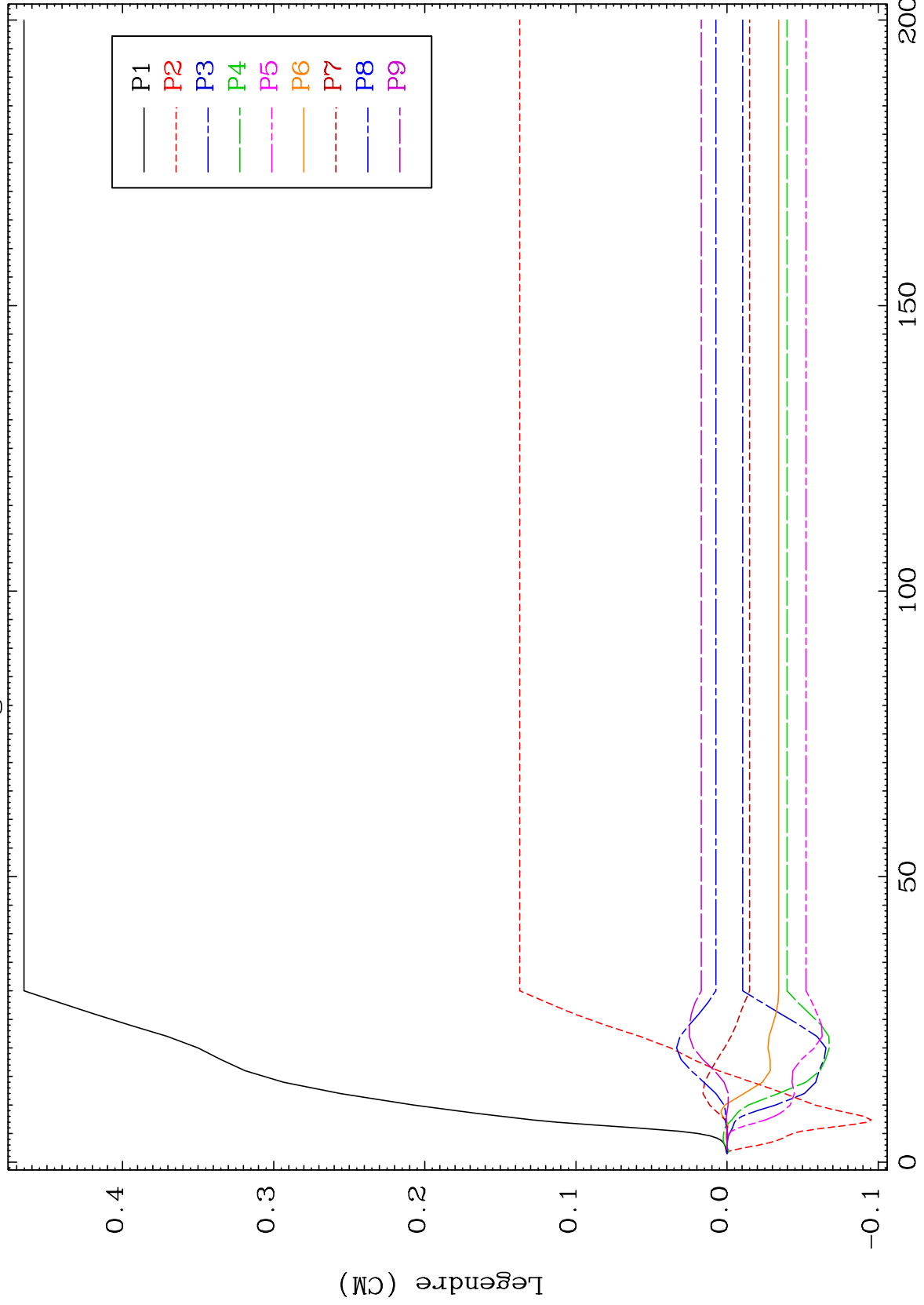
118

56-Ba-125

MAT 5610

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

56-Ba-125



119

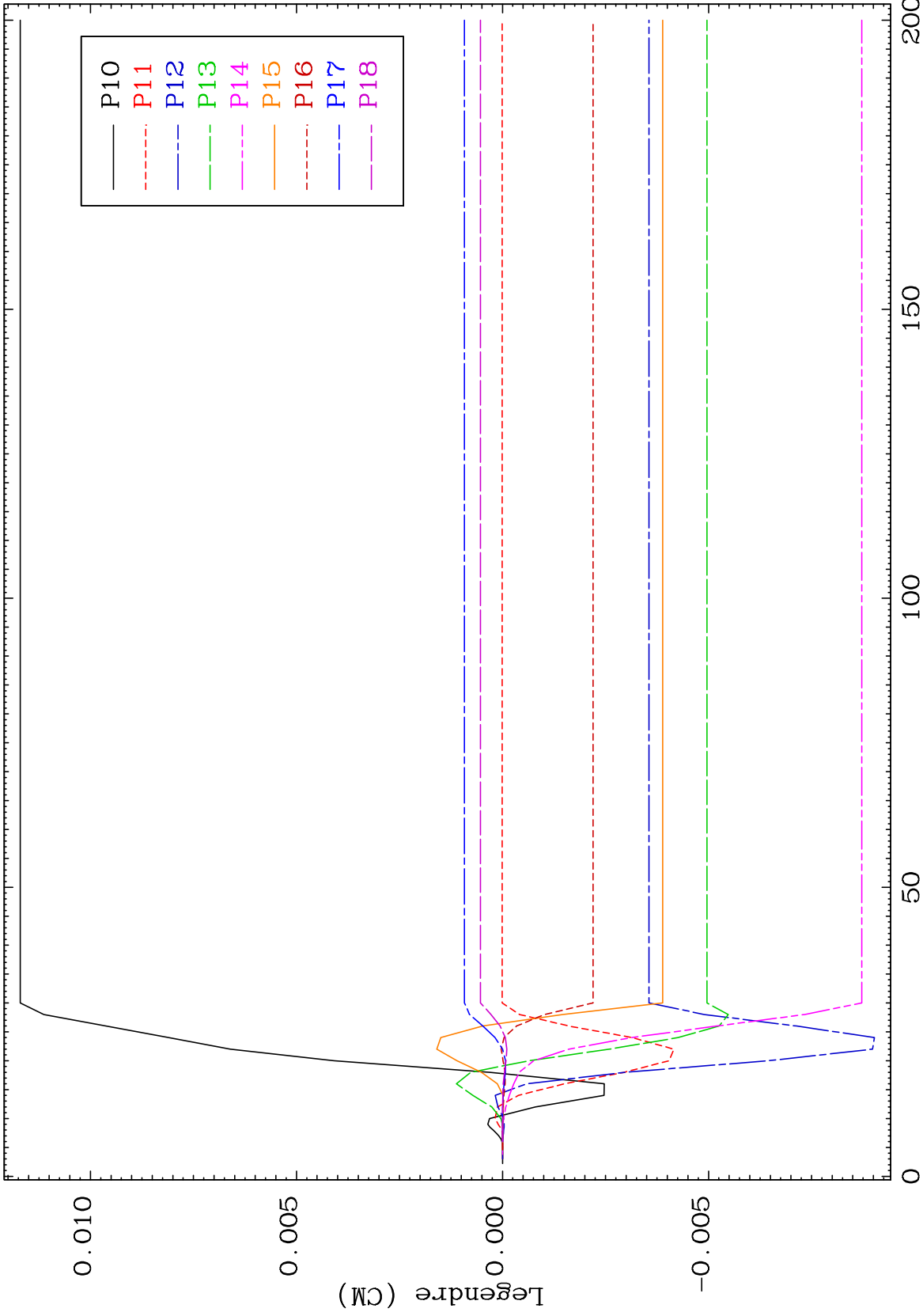
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



56-Ba-125

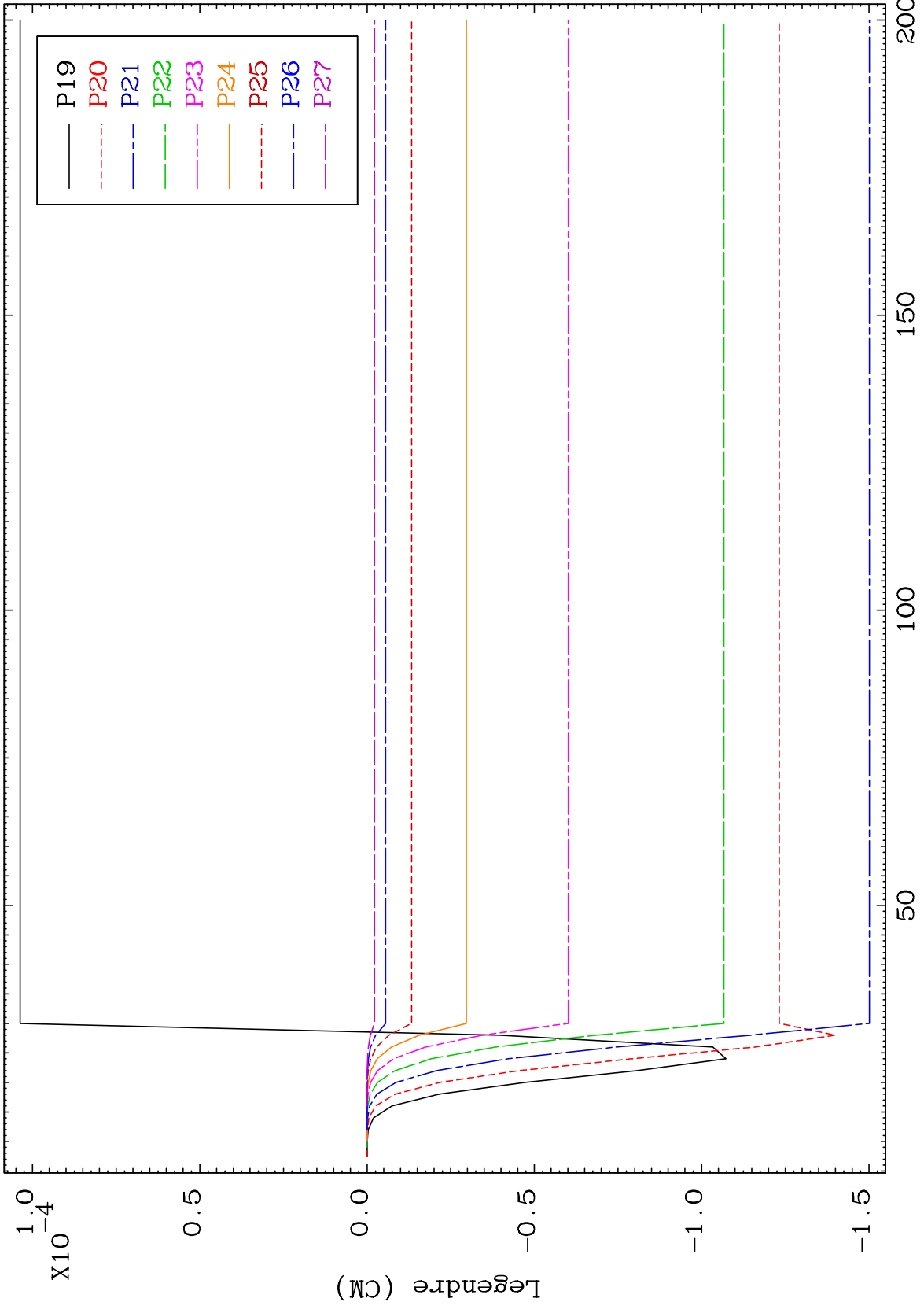
Incident Energy (MeV)

120

MAT 5610

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

56-Ba-125

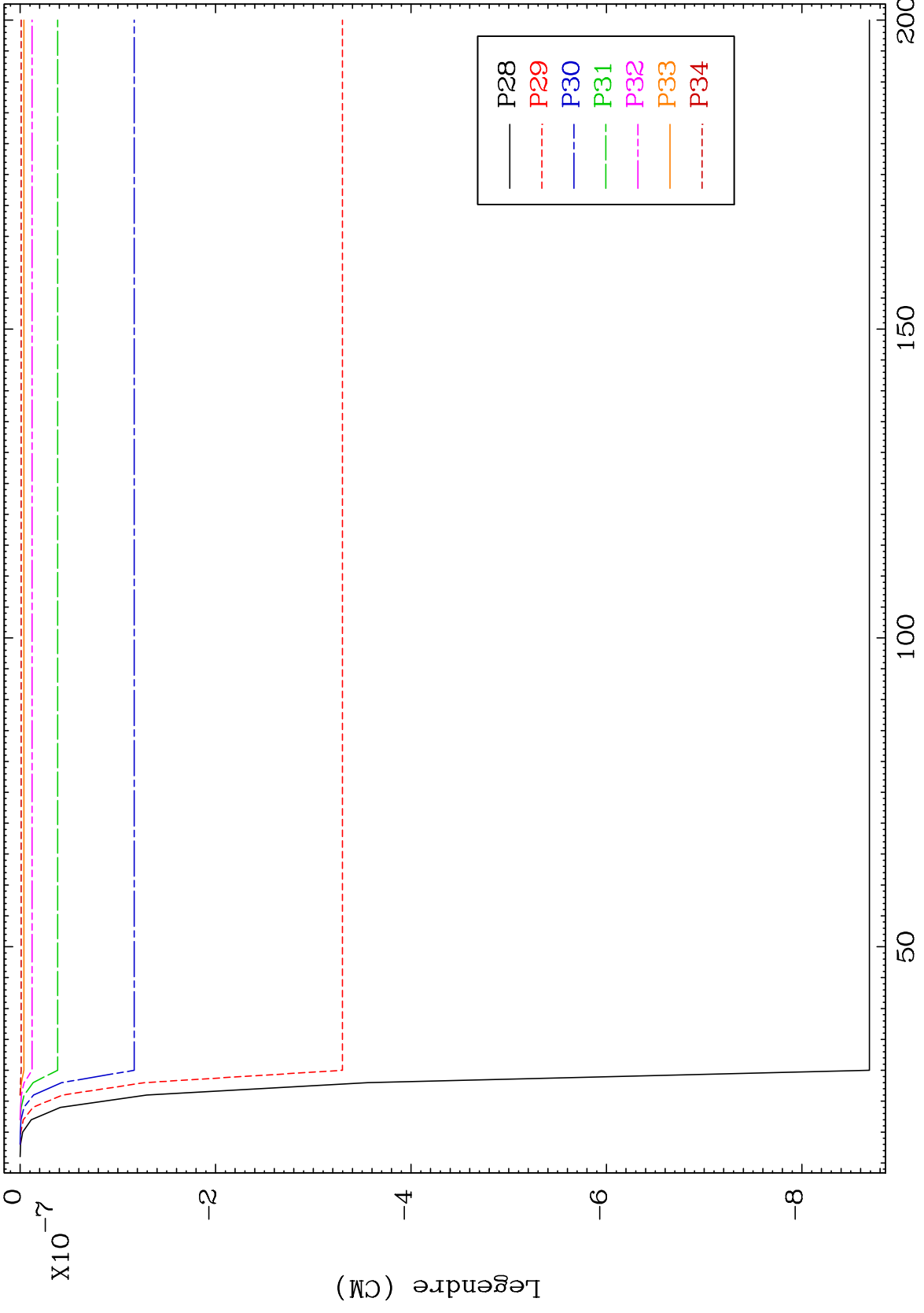


121

Incident Energy (MeV)

56-Ba-125

MAT 5610 MT= 77 (n,n') Level Legendre Coefficients 56-Ba-125

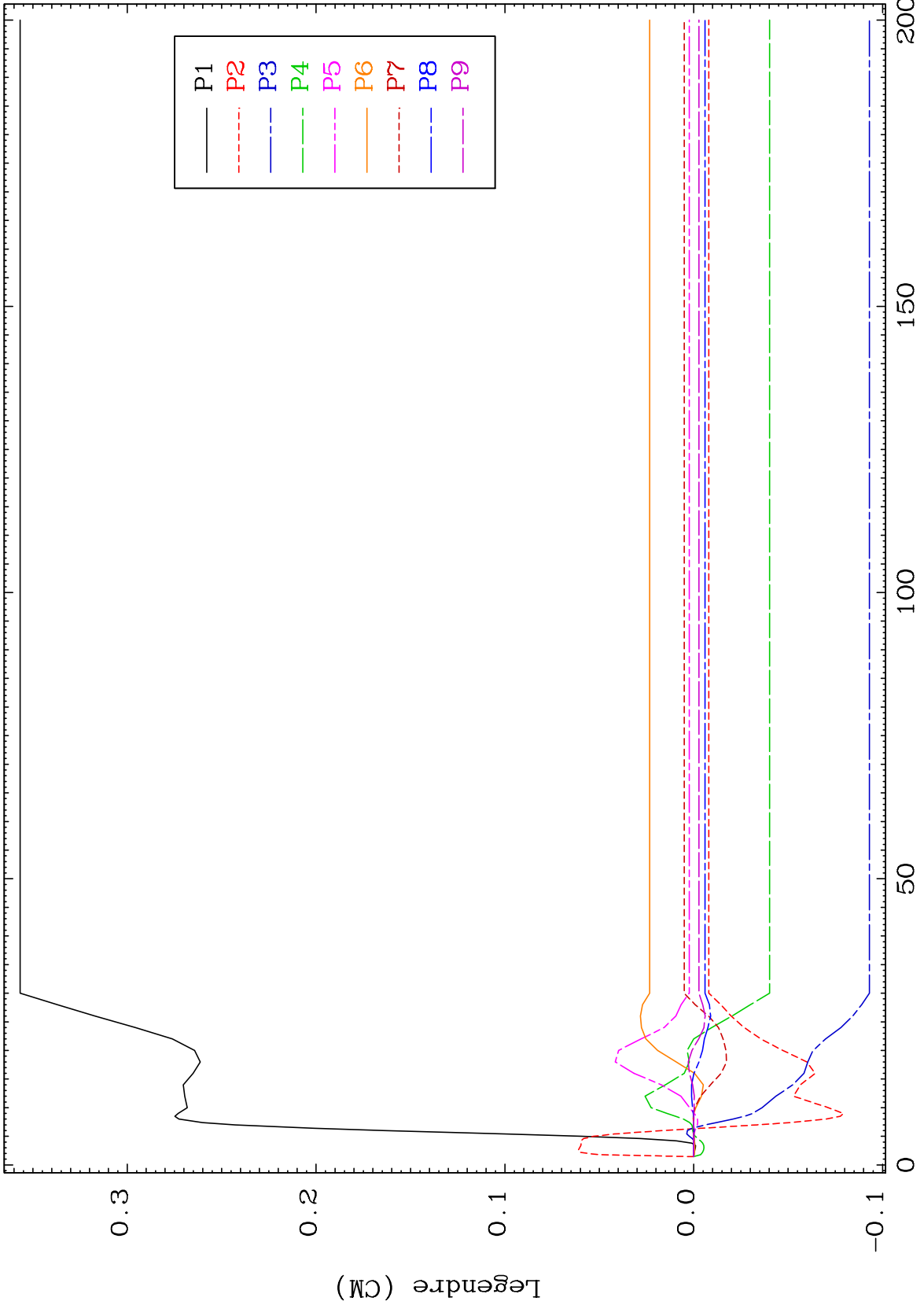


122 56-Ba-125

MAT 5610

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

56-Ba-125



123

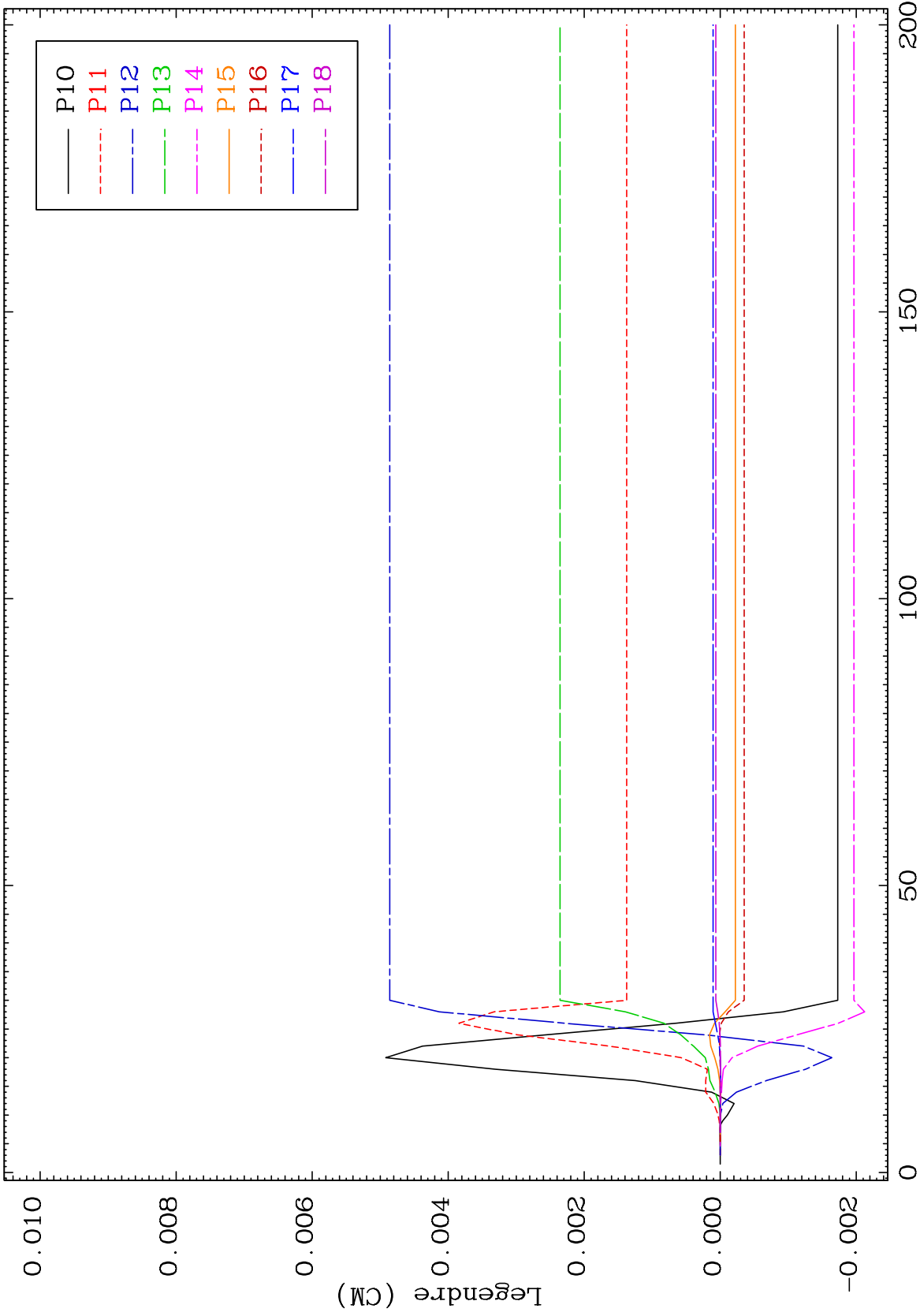
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125



124

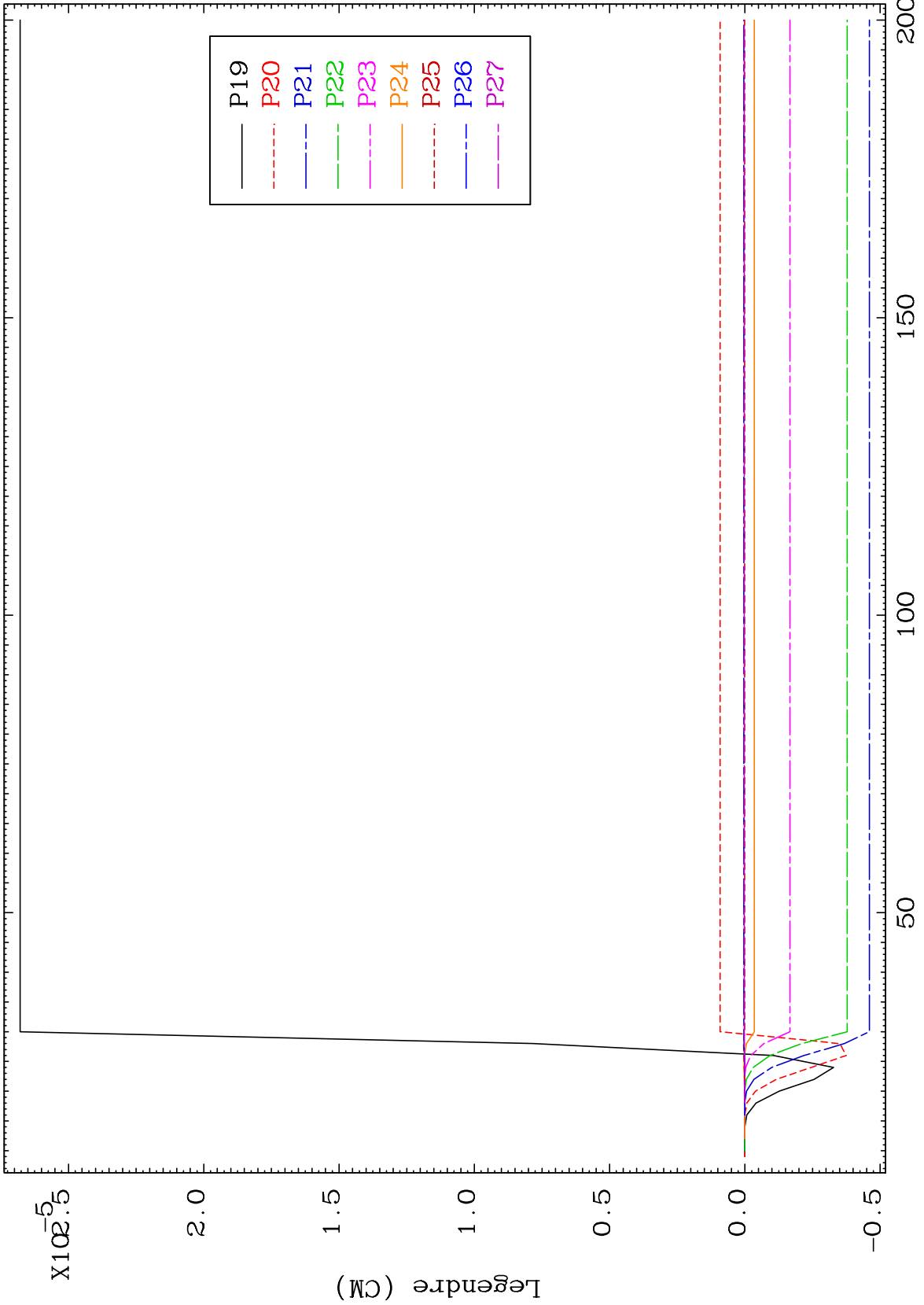
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

56-Ba-125

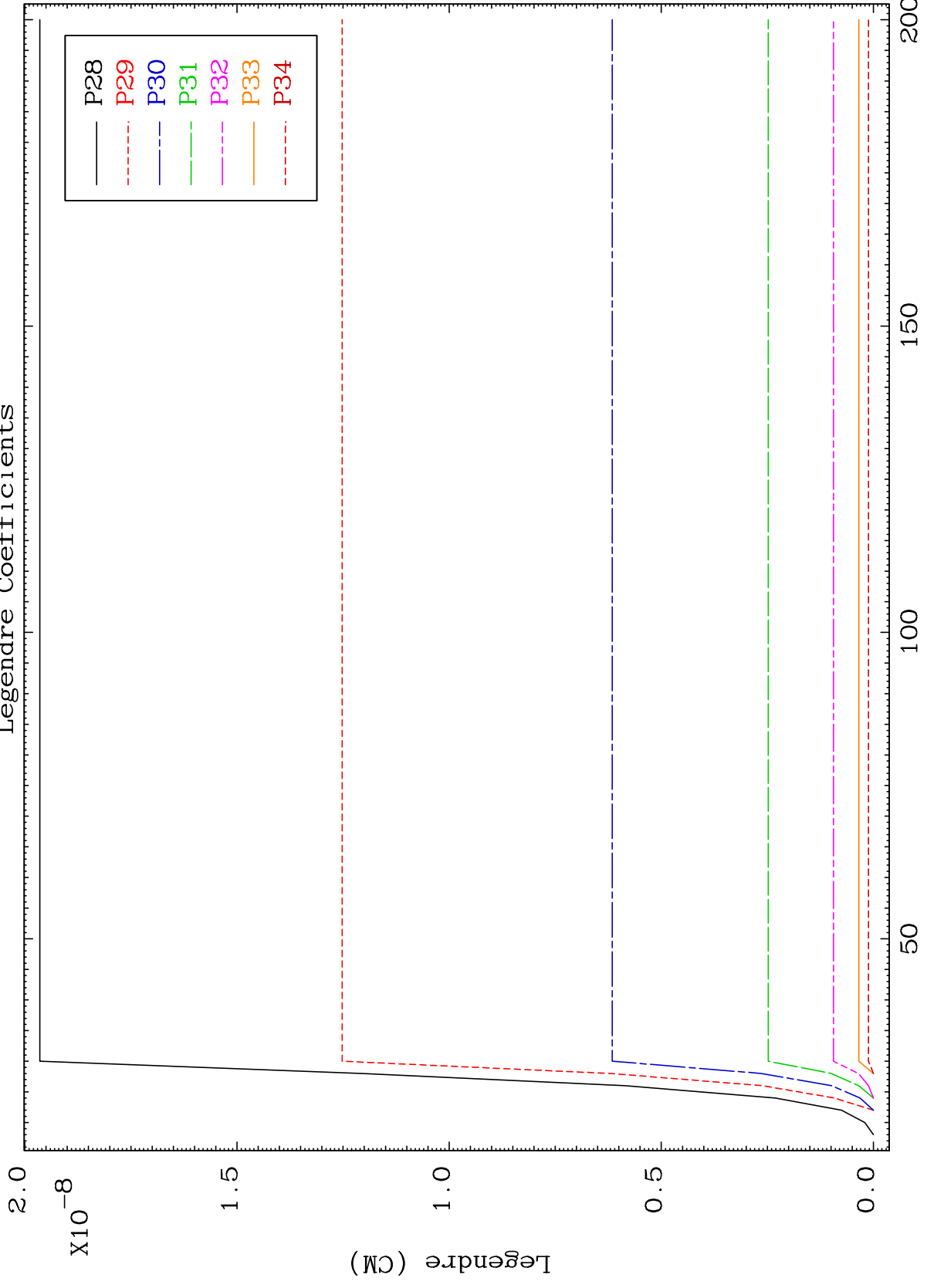


125

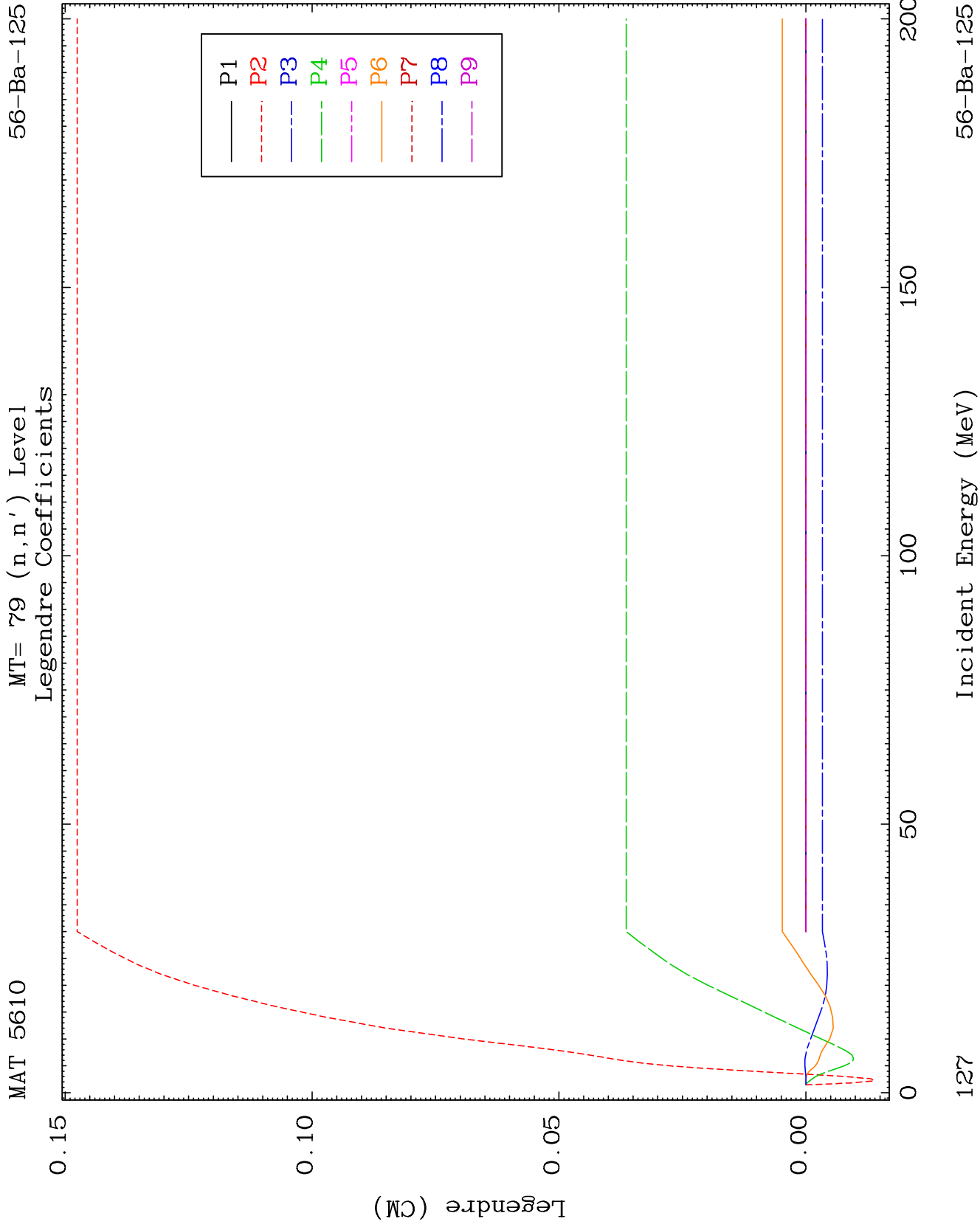
Incident Energy (MeV)

56-Ba-125

MAT 5610 MT= 78 (n,n') Level Legendre Coefficients 56-Ba-125



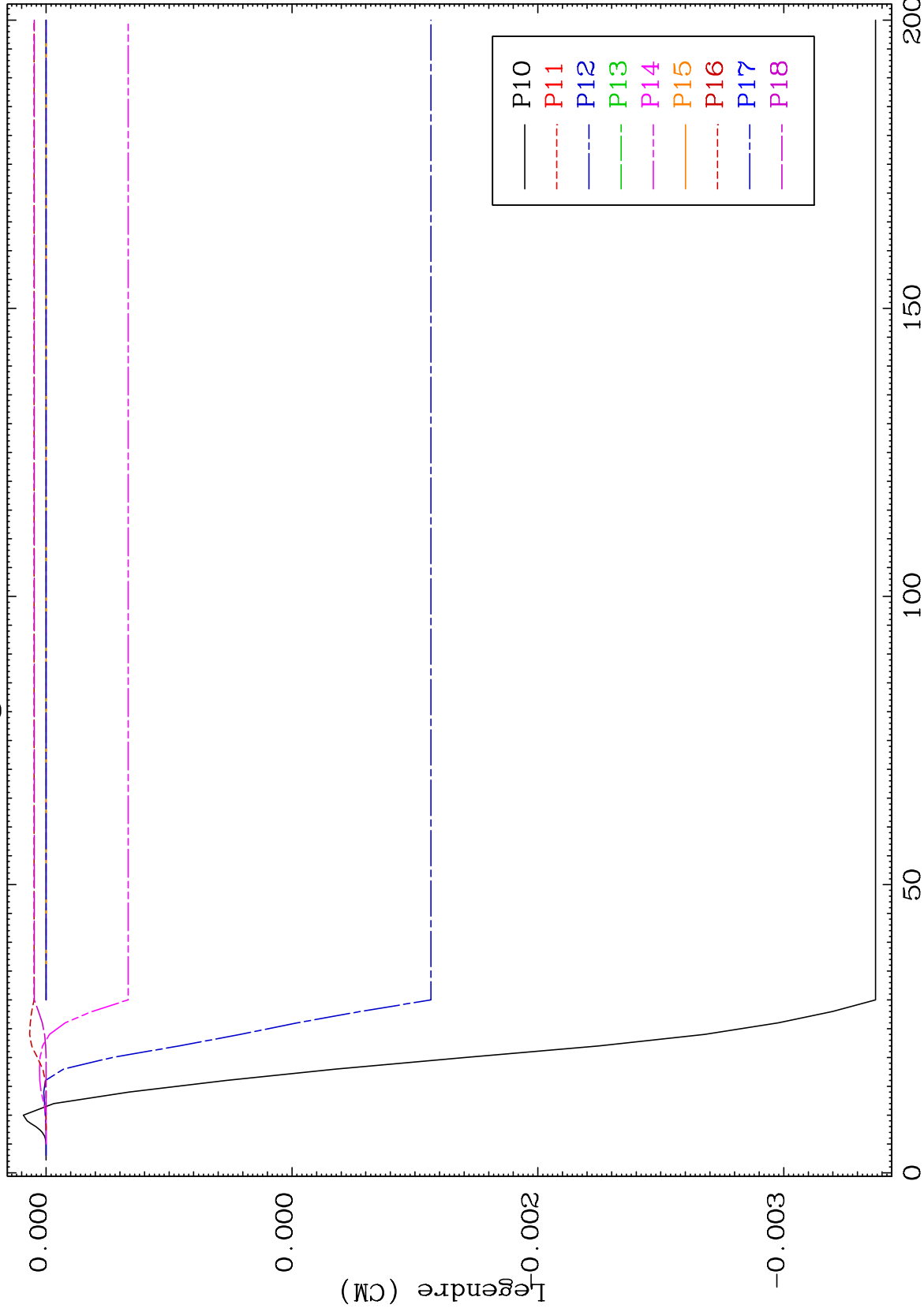
126 Incident Energy (MeV) 56-Ba-125



MAT 5610

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

56-Ba-125

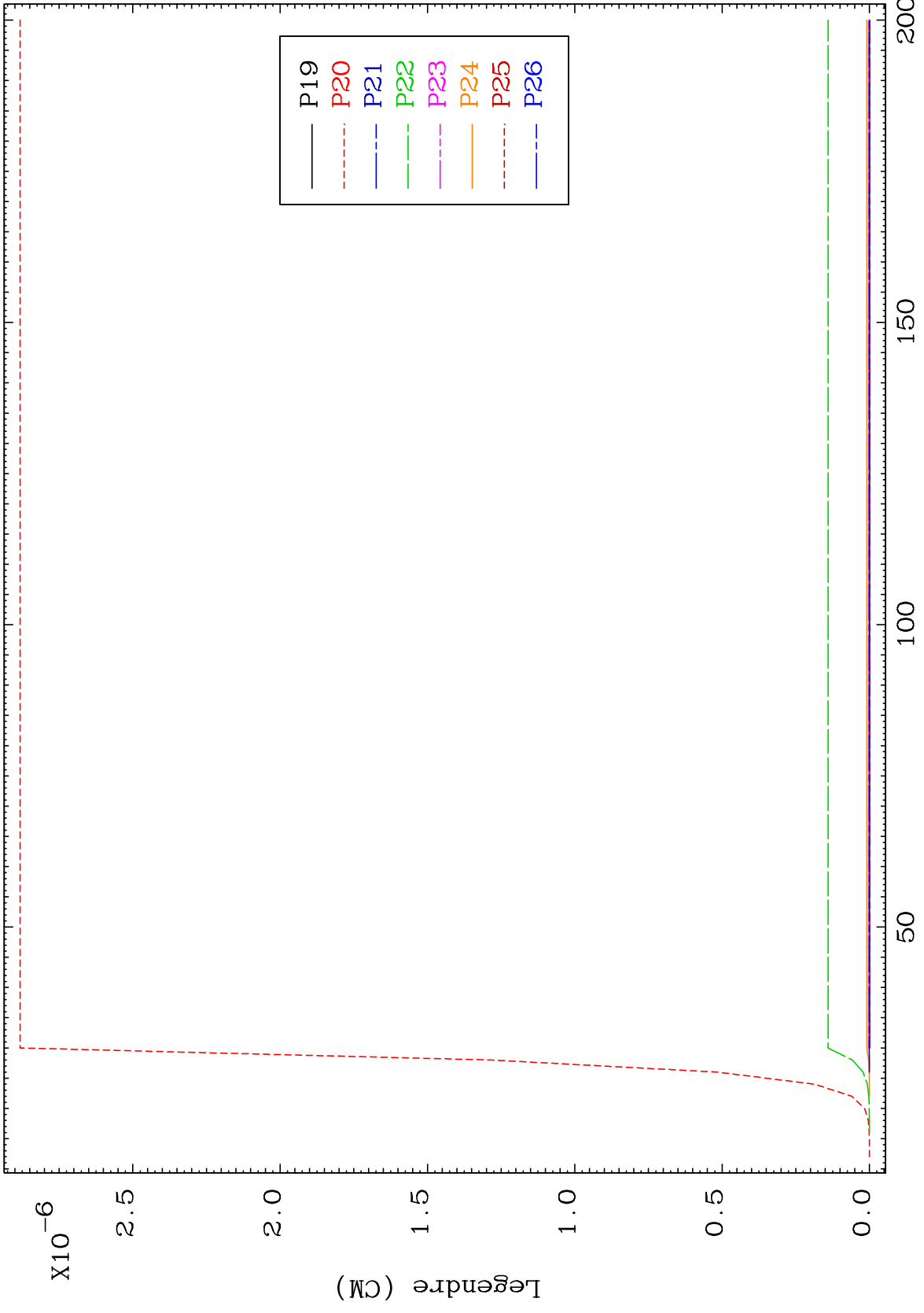


128

Incident Energy (MeV)

56-Ba-125

MAT 5610 MT= 79 (n,n') Level Legendre Coefficients 56-Ba-125



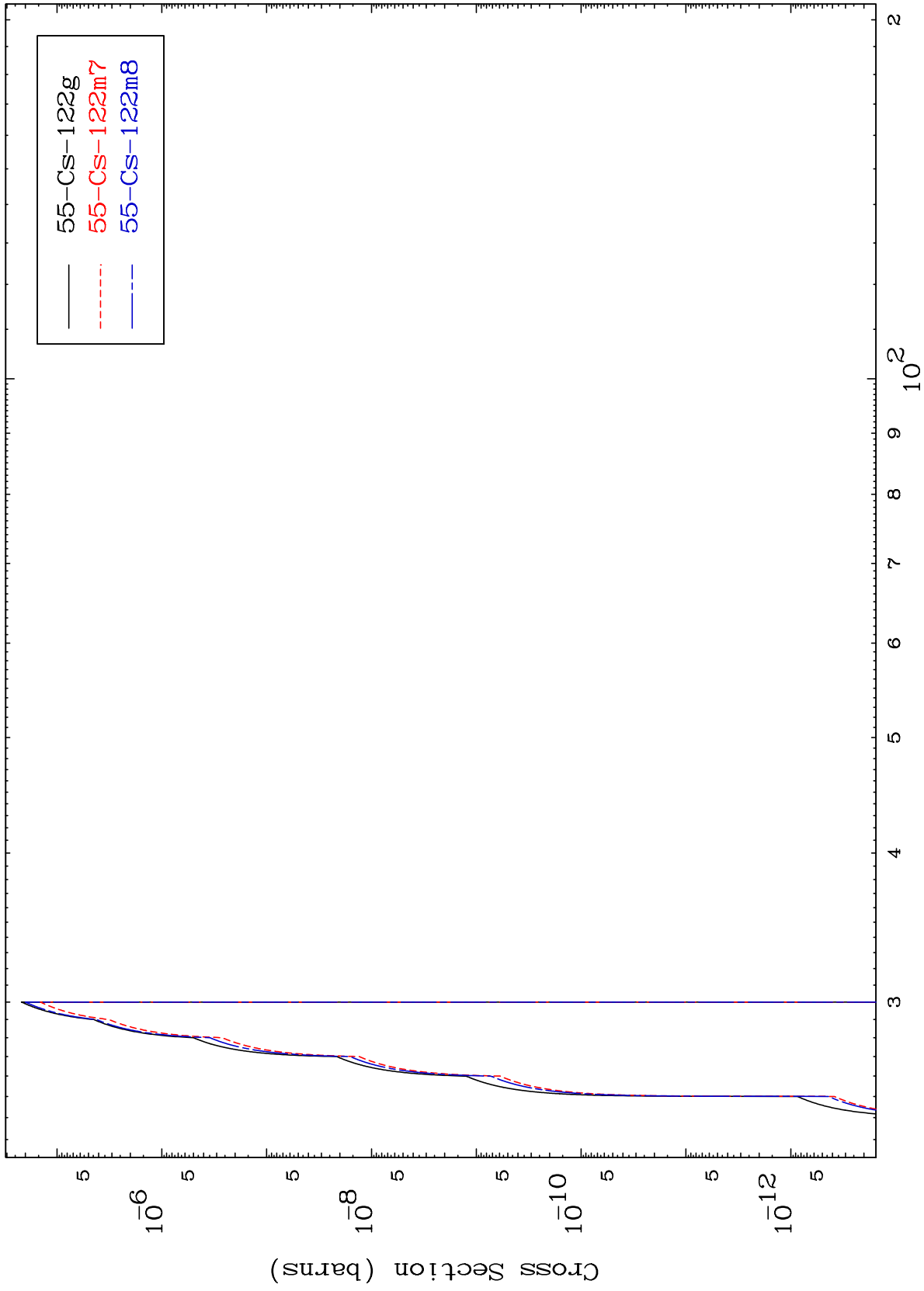
129 Incident Energy (MeV) 56-Ba-125

MAT 5610

(n,2n) d

56-Ba-125

Radionuclide Production Cross Section



130

Incident Energy (MeV)

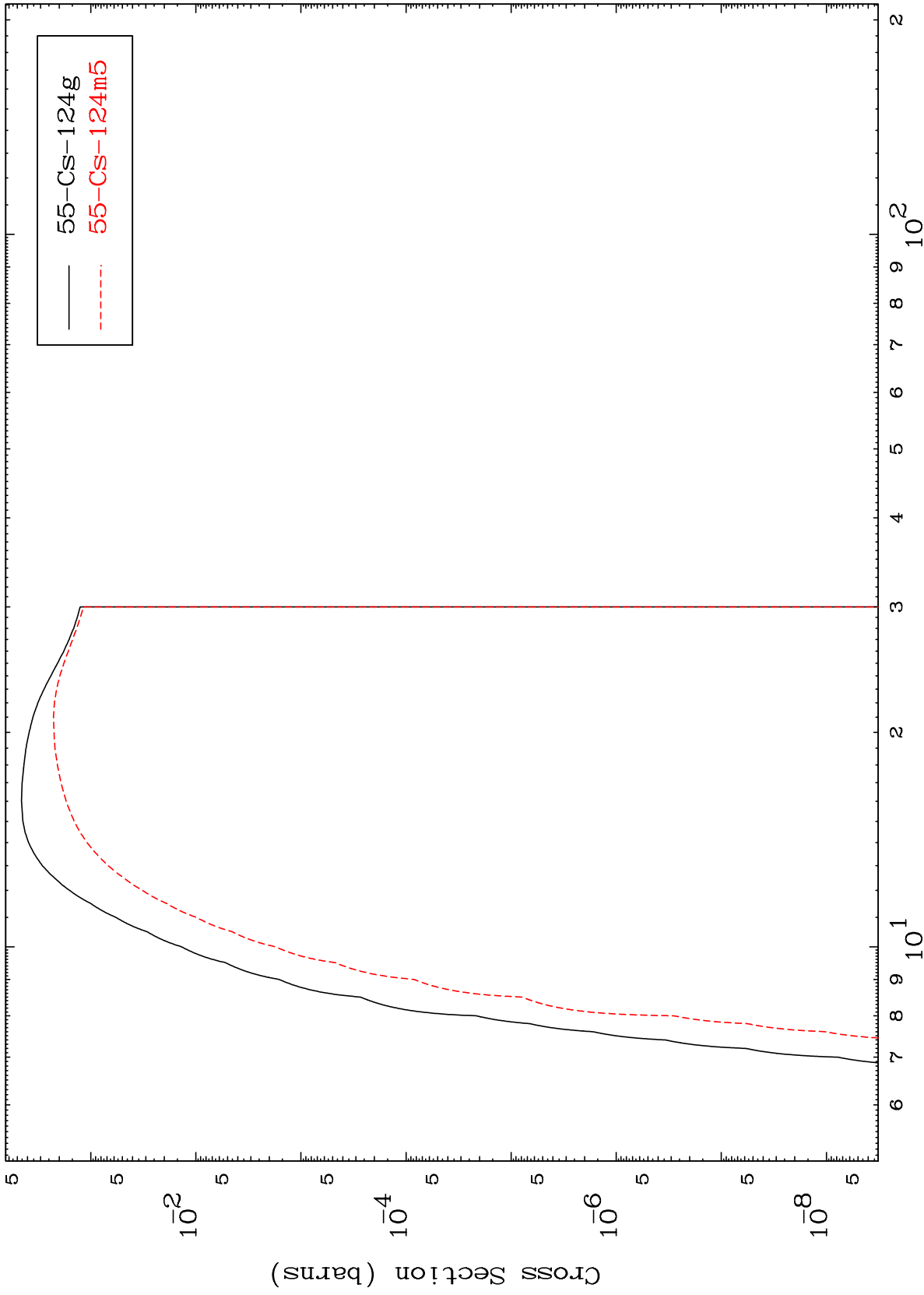
56-Ba-125

MAT 5610

(n,n') p

56-Ba-125

Radionuclide Production Cross Section



131

Incident Energy (MeV)

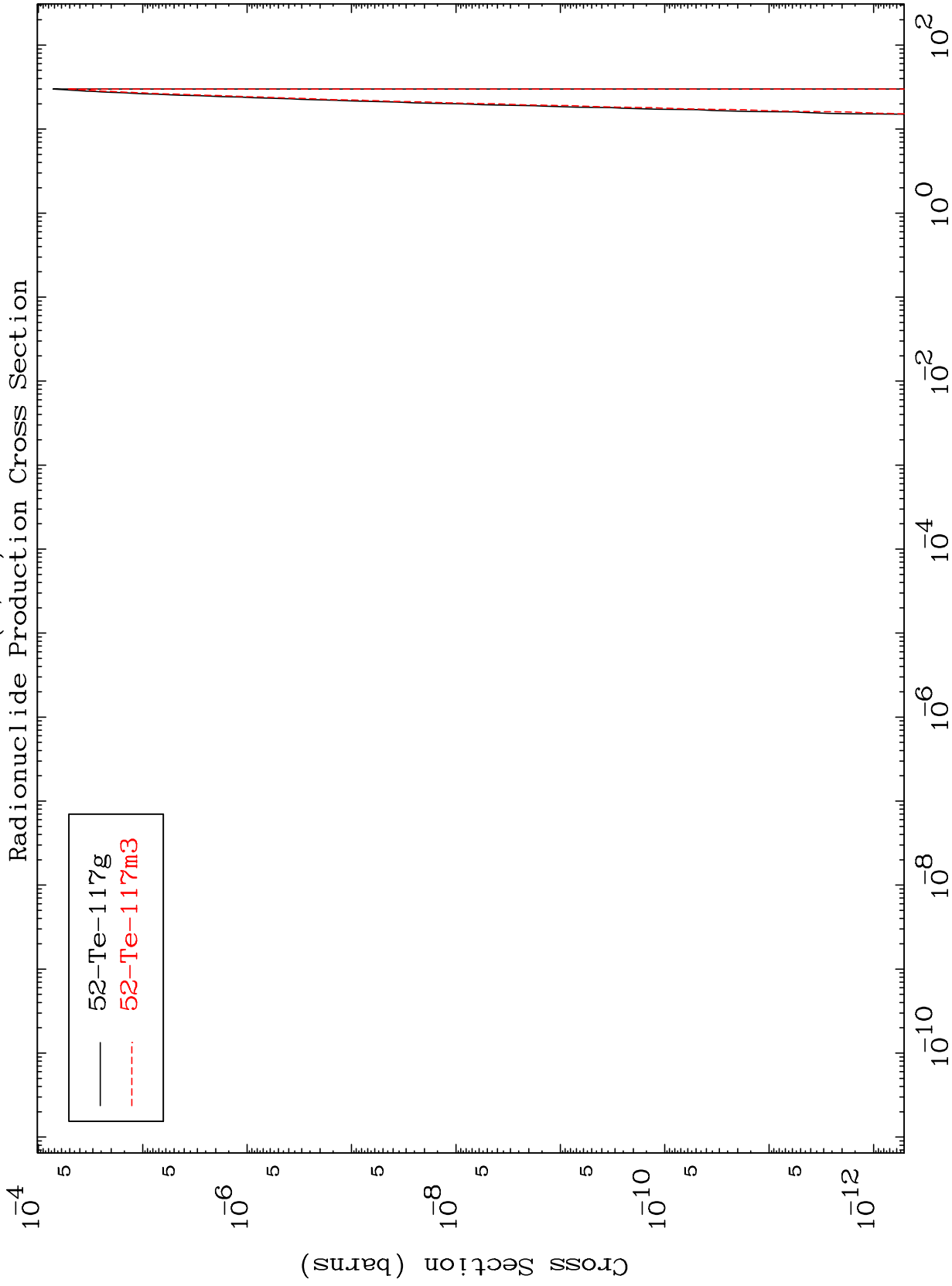
56-Ba-125

MAT 5610

(n,n') 2 α

56-Ba-125

Radionuclide Production Cross Section



132

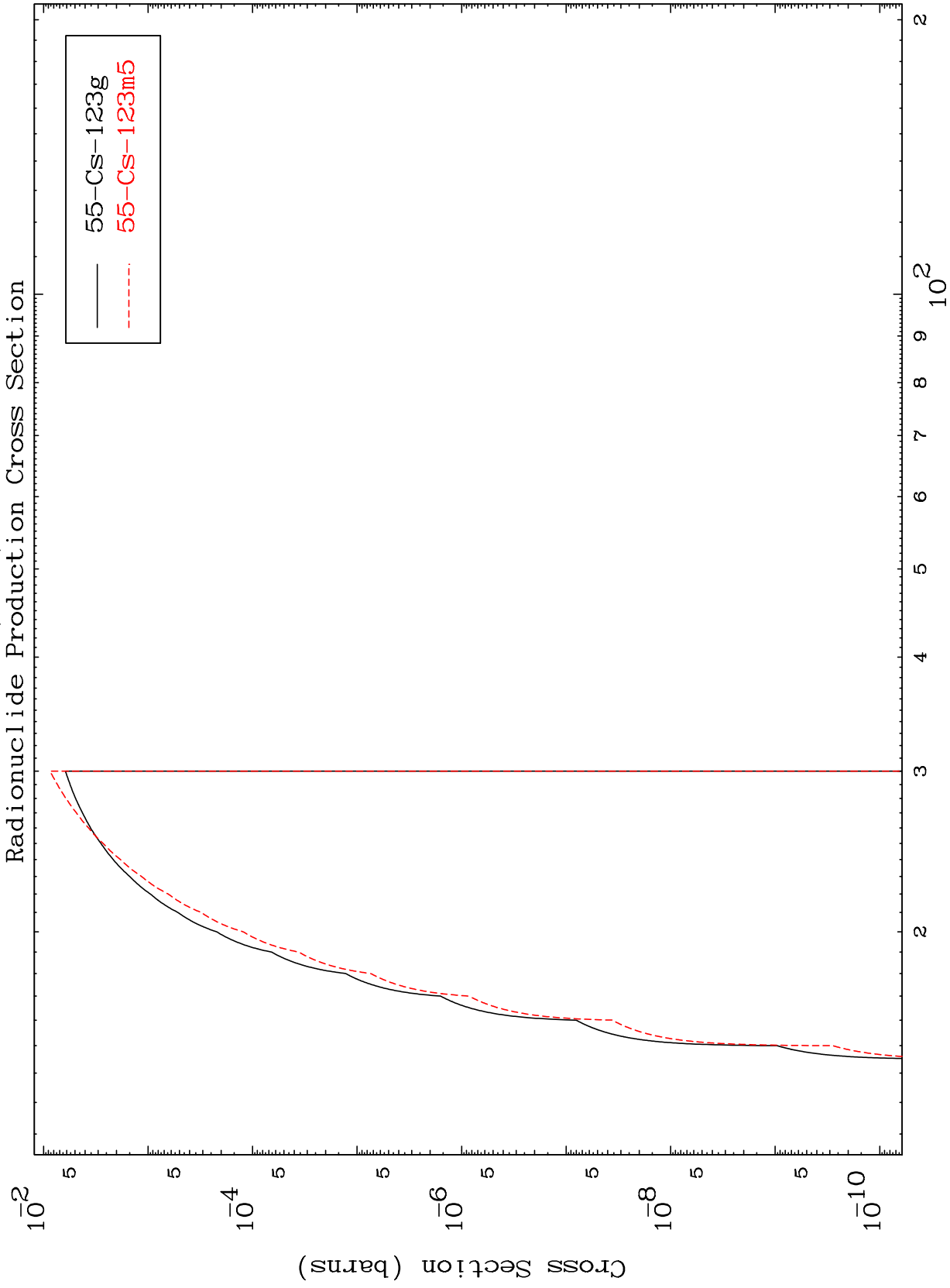
Incident Energy (MeV)

56-Ba-125

MAT 5610

(n,n') d

56-Ba-125



133

Incident Energy (MeV)

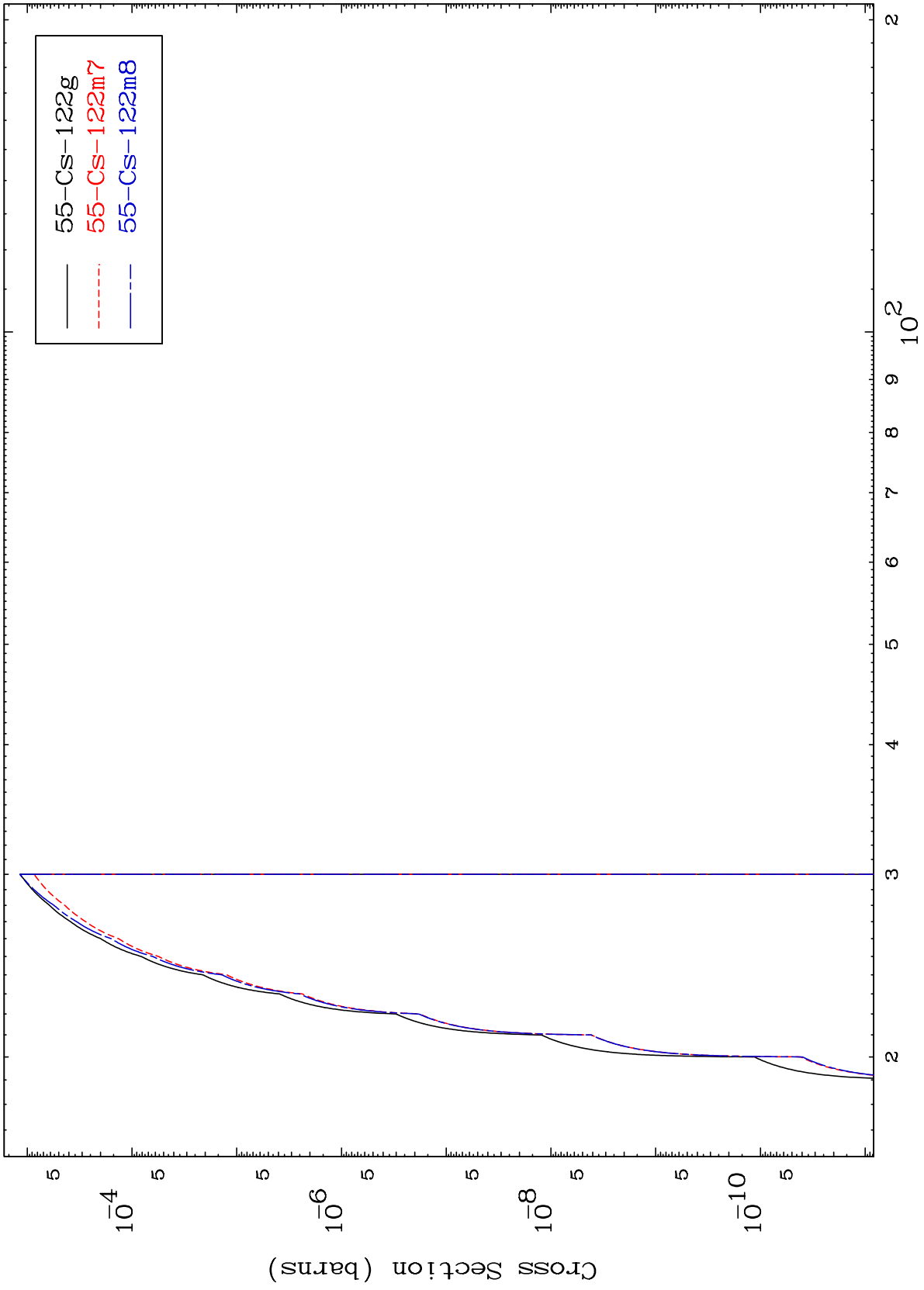
56-Ba-125

MAT 5610

(n,n') t

56-Ba-125

Radionuclide Production Cross Section



134

Incident Energy (MeV)

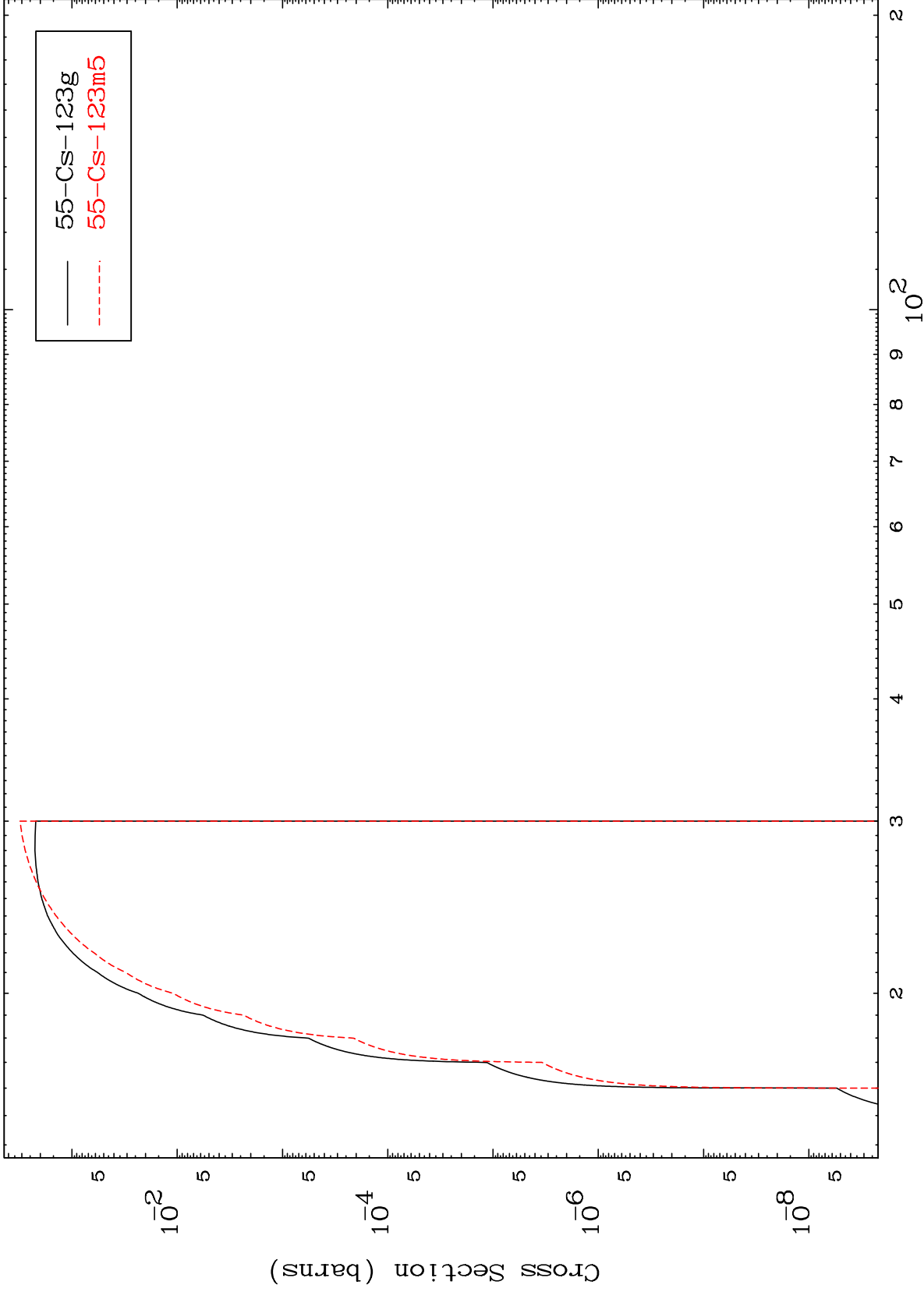
56-Ba-125

MAT 5610

(n,2n) p

56-Ba-125

Radionuclide Production Cross Section



135

Incident Energy (MeV)

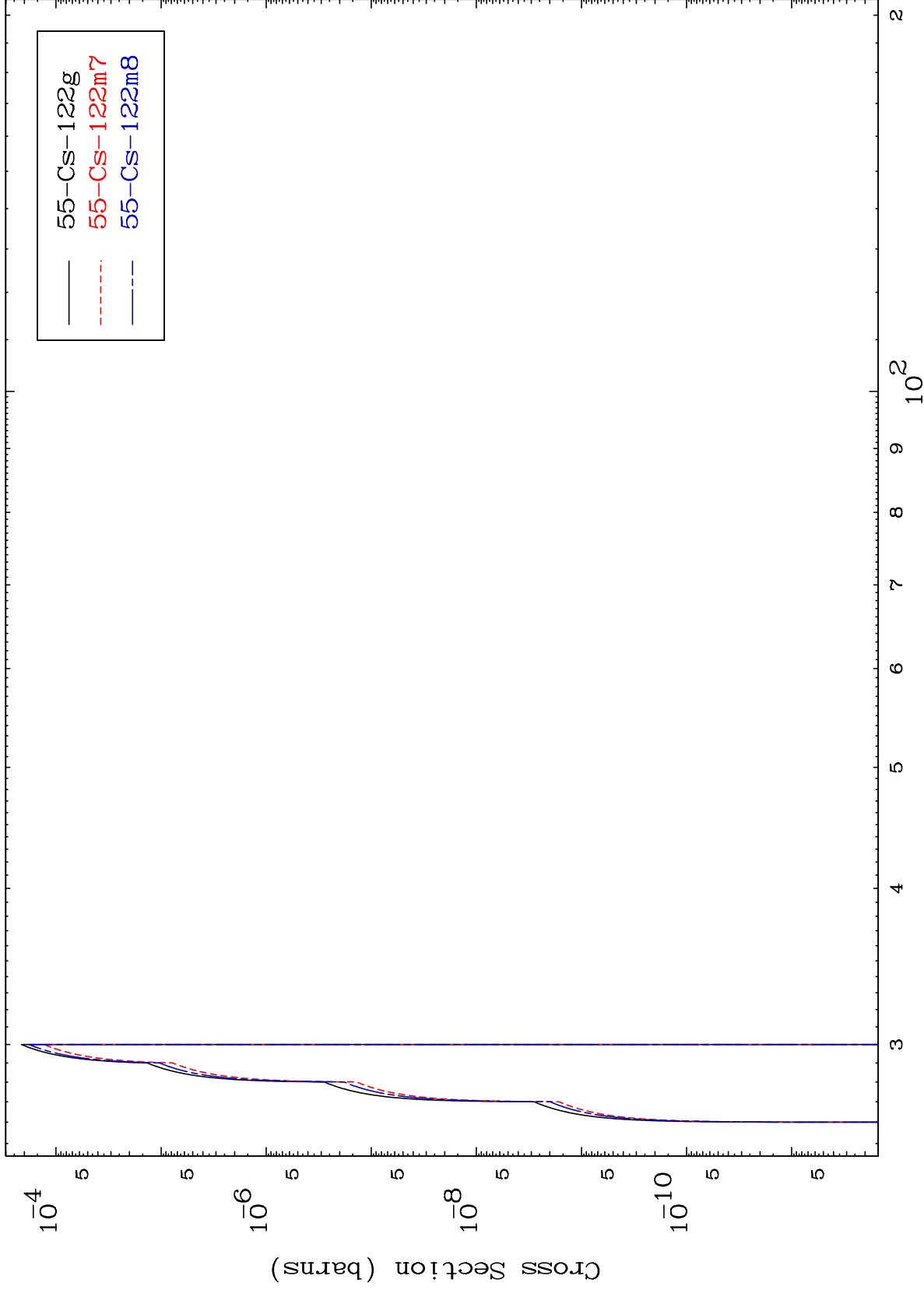
56-Ba-125

MAT 5610

(n,3n) p

56-Ba-125

Radionuclide Production Cross Section



136

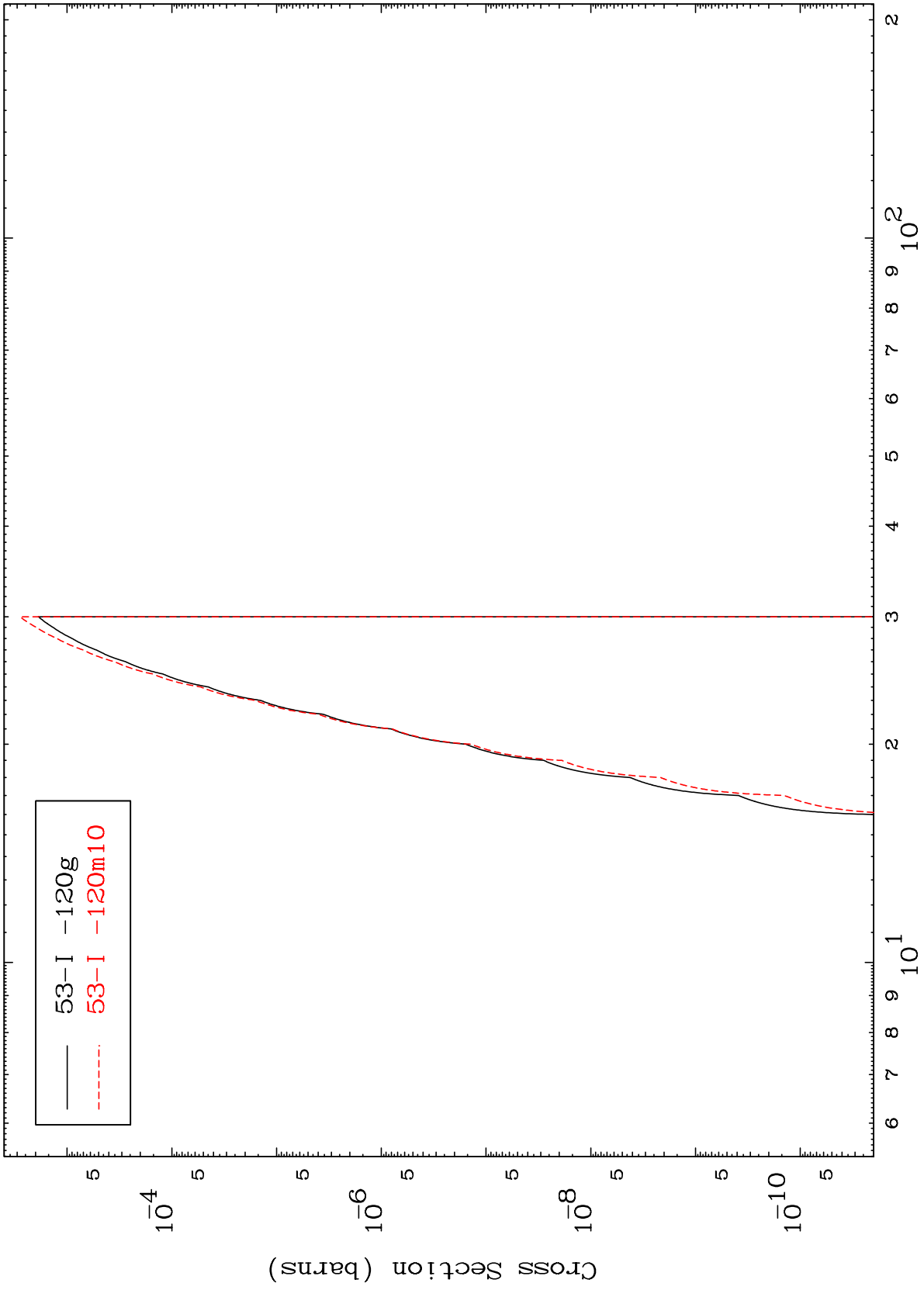
Incident Energy (MeV)

56-Ba-125

MAT 5610

56-Ba-125

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



53-I -120g
53-I -120m10

137

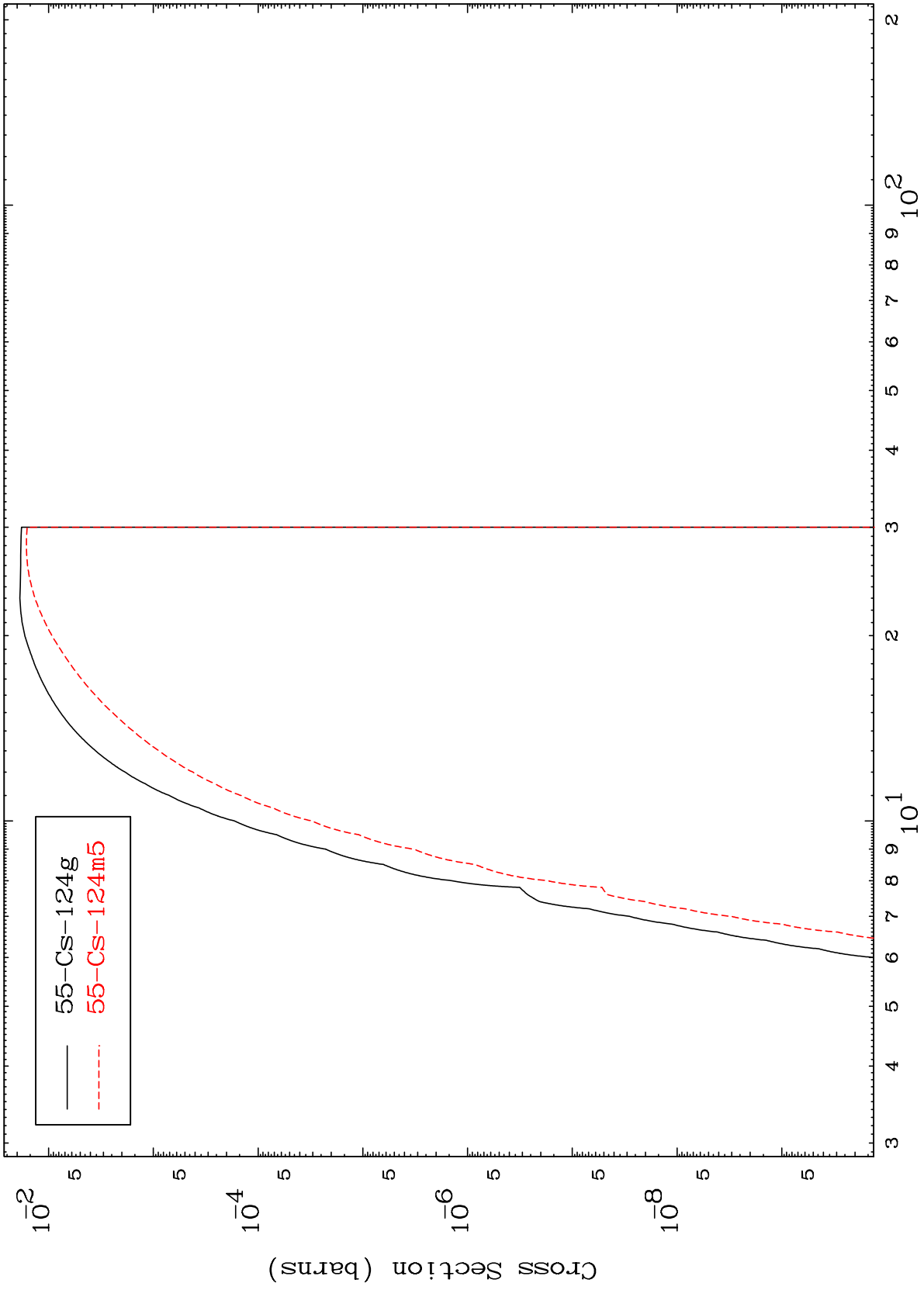
56-Ba-125

Incident Energy (MeV)

MAT 5610

56-Ba-125

(n,d)
Radionuclide Production Cross Section



55-Cs-124g
55-Cs-124m5

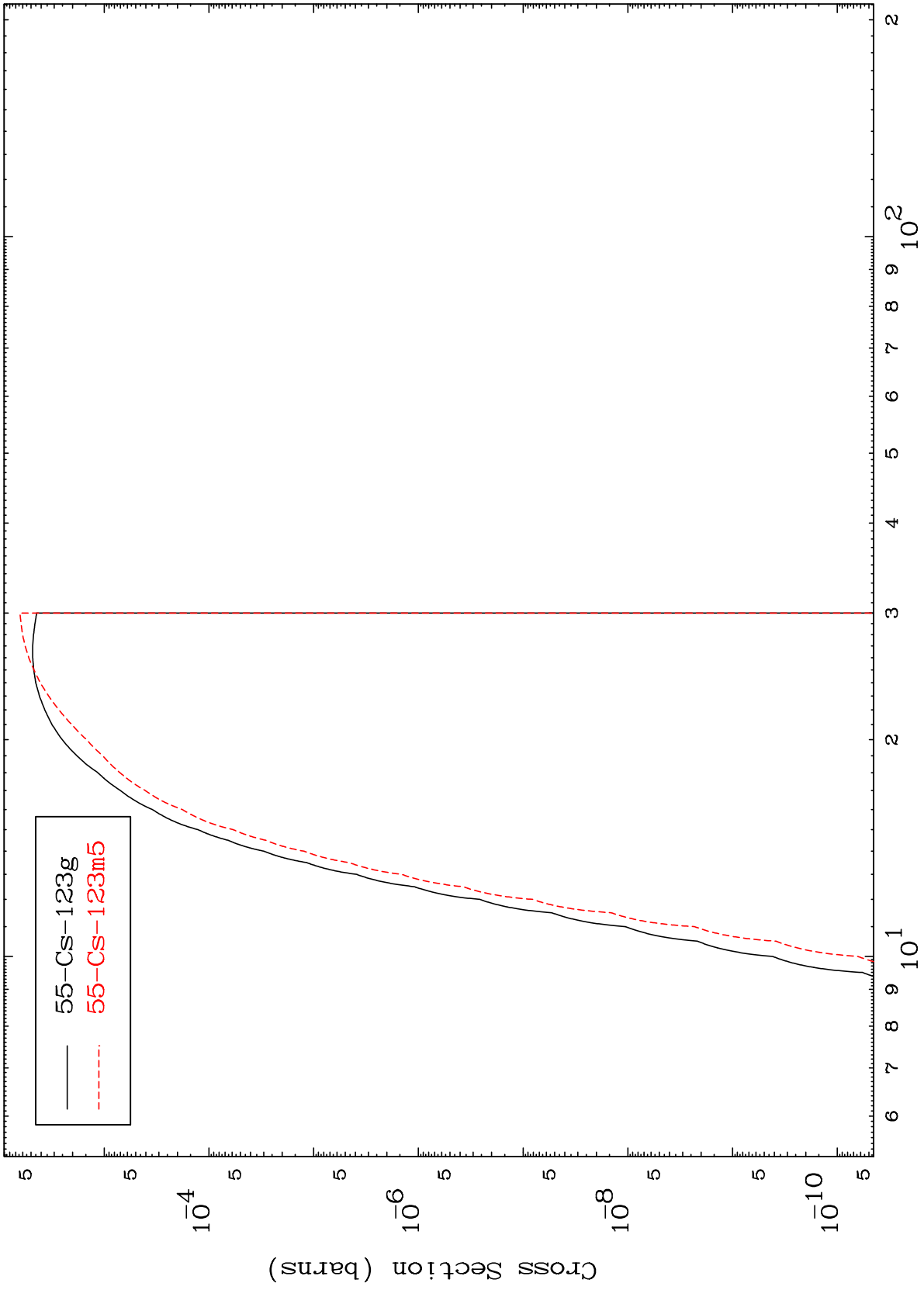
138

56-Ba-125

MAT 5610

56-Ba-125

(n, t)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

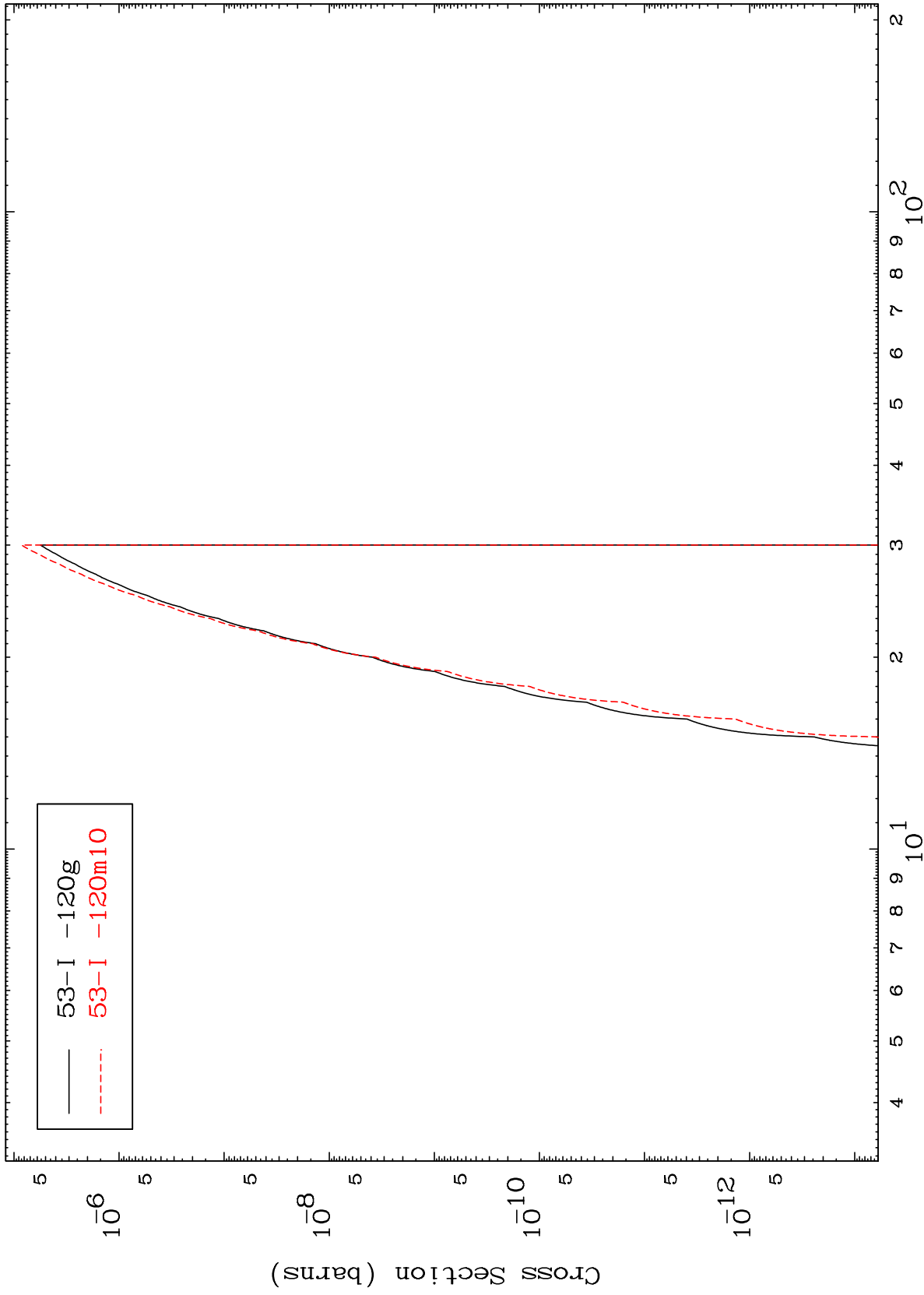
56-Ba-125

MAT 5610

(n,d) α

56-Ba-125

Radionuclide Production Cross Section



140

Incident Energy (MeV)

56-Ba-125