

Program EVALPLOT
(Version 2021-1)

by

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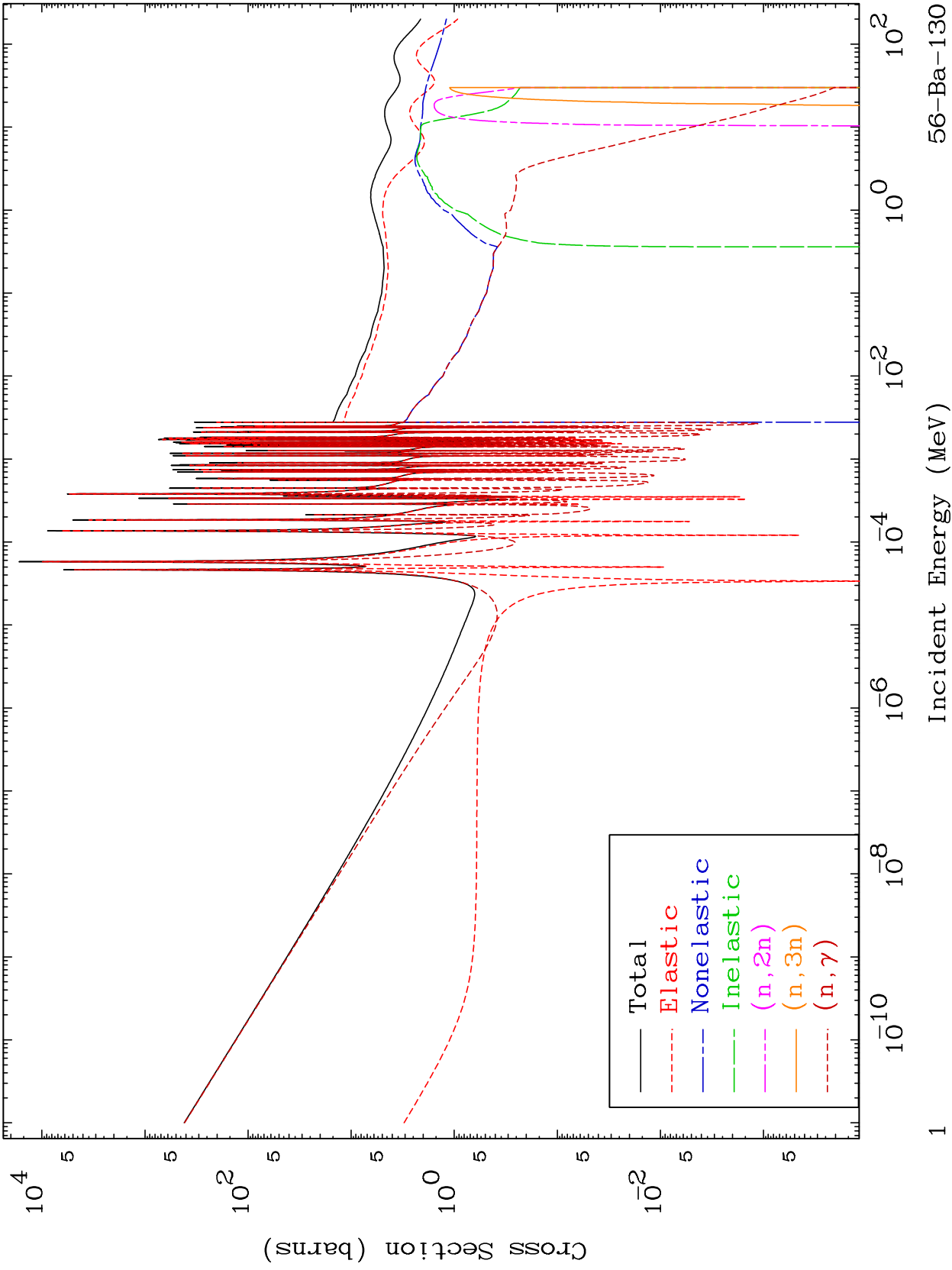
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Press Mouse Button to Start

MAT 5625

Neutron Major
293 Kelvin Cross Sections

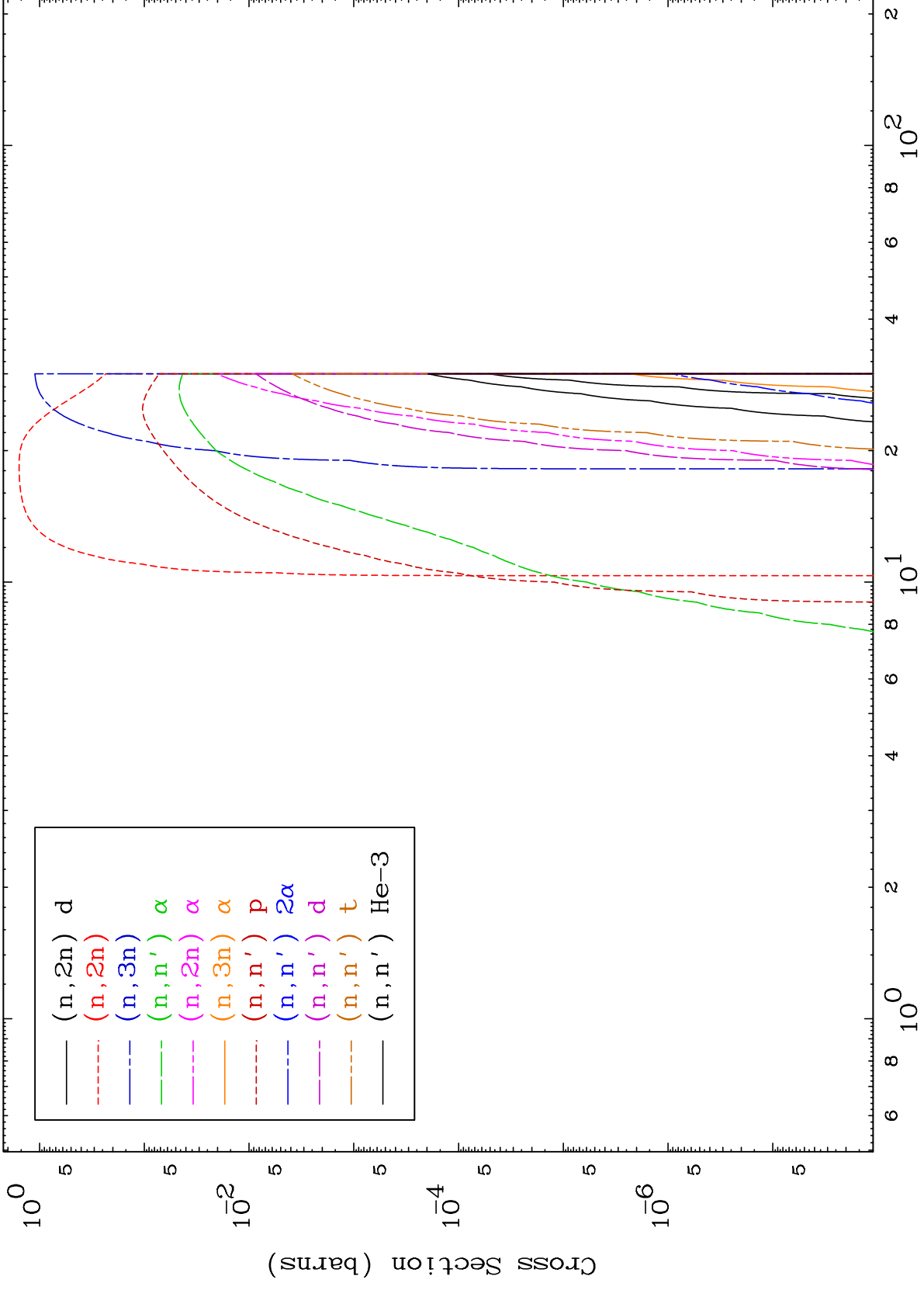
56-Ba-130



MAT 5625

Neutron Absorption
293 Kelvin Cross Sections

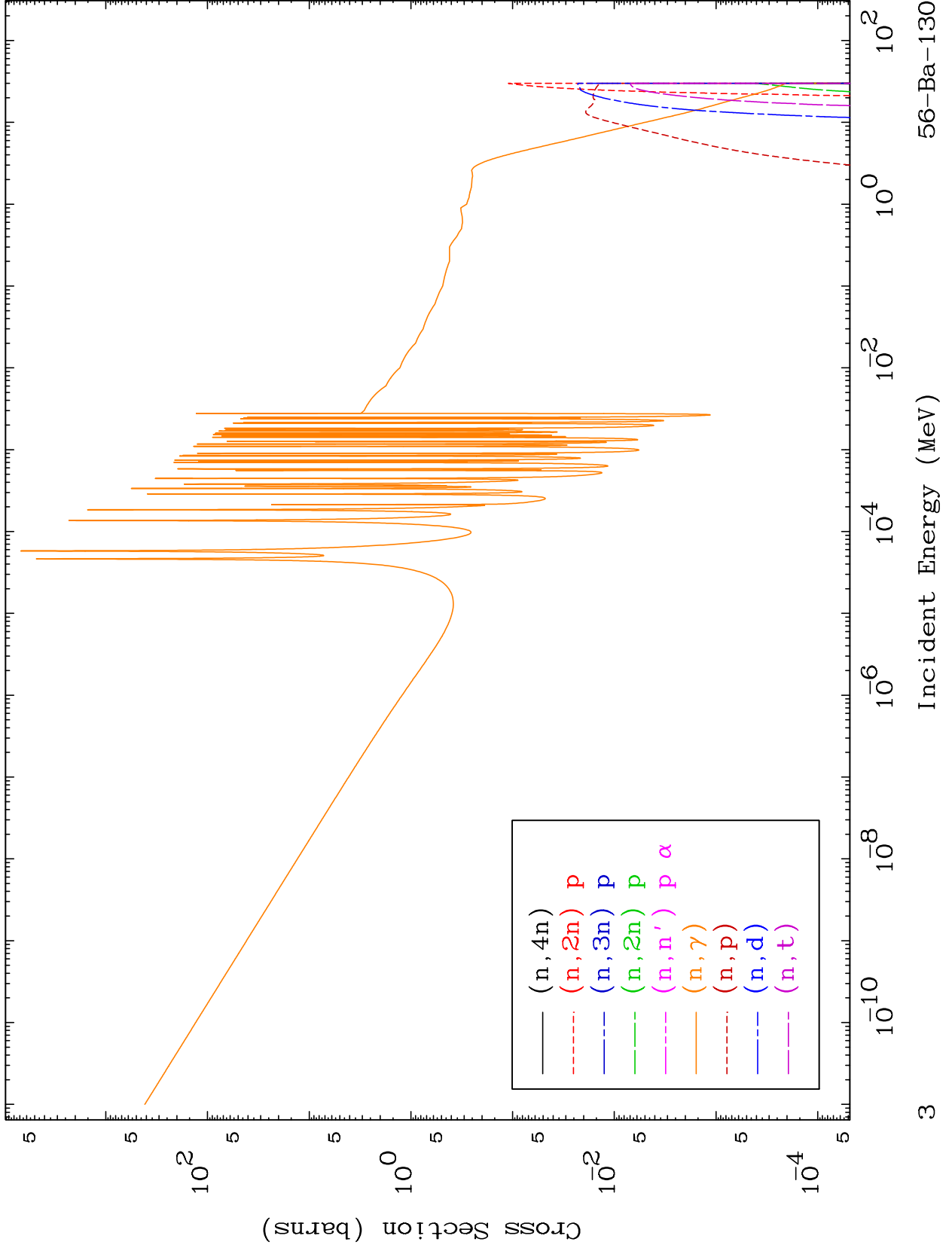
56-Ba-130



MAT 5625

Neutron Absorption
293 Kelvin Cross Sections

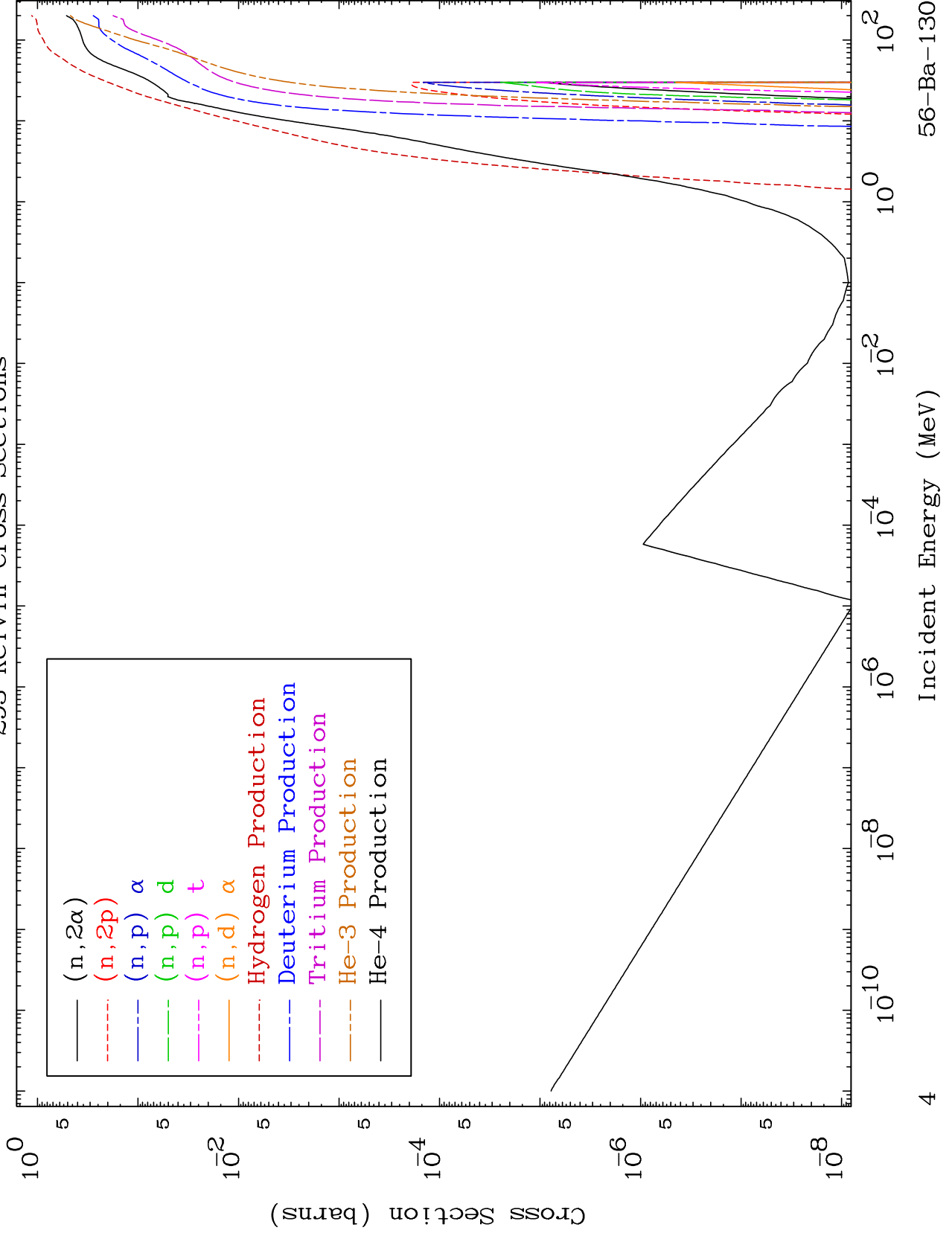
56-Ba-130



MAT 5625

Neutron Absorption
293 Kelvin Cross Sections

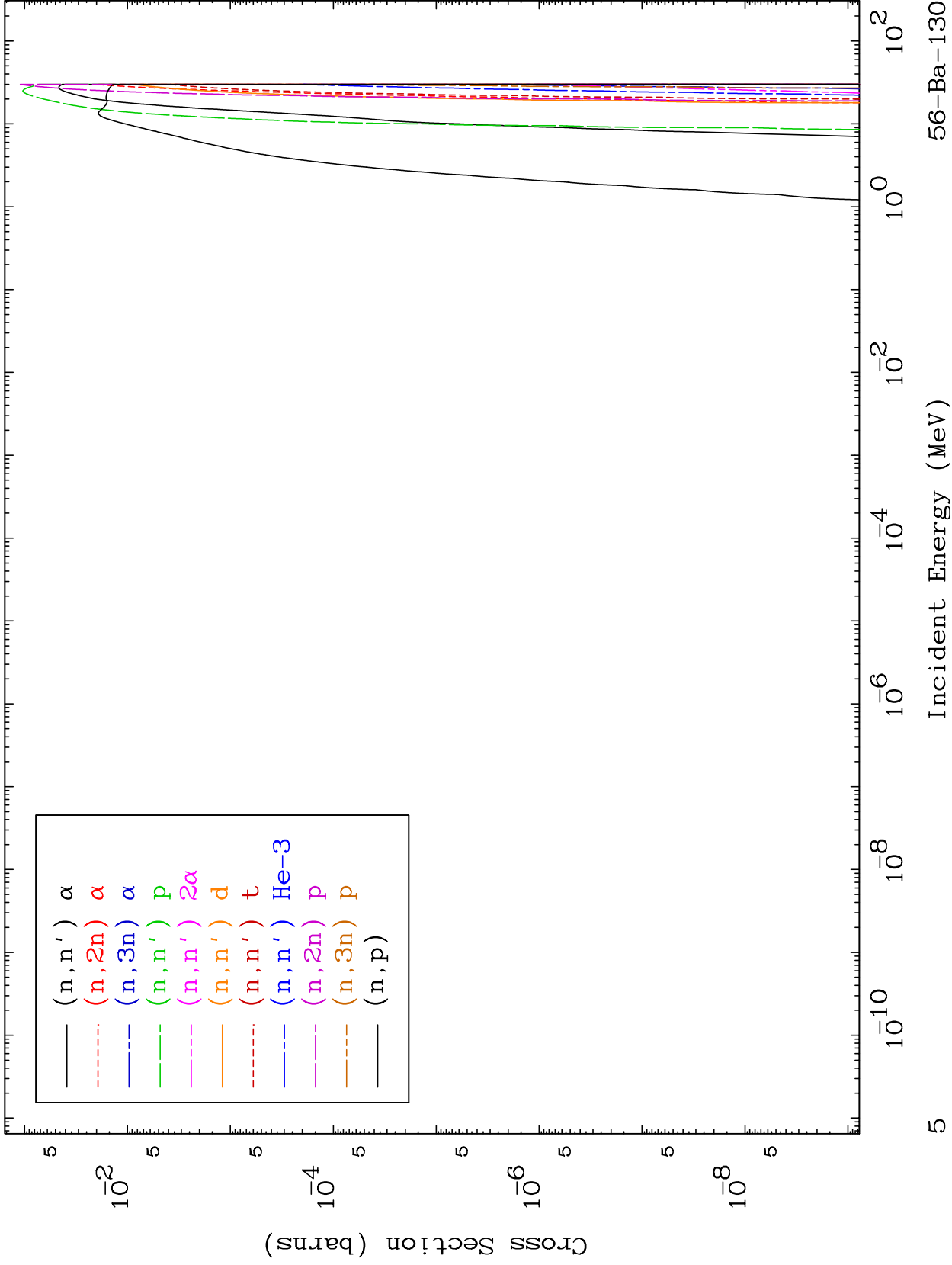
56-Ba-130



MAT 5625

Charged Particle
293 Kelvin Cross Sections

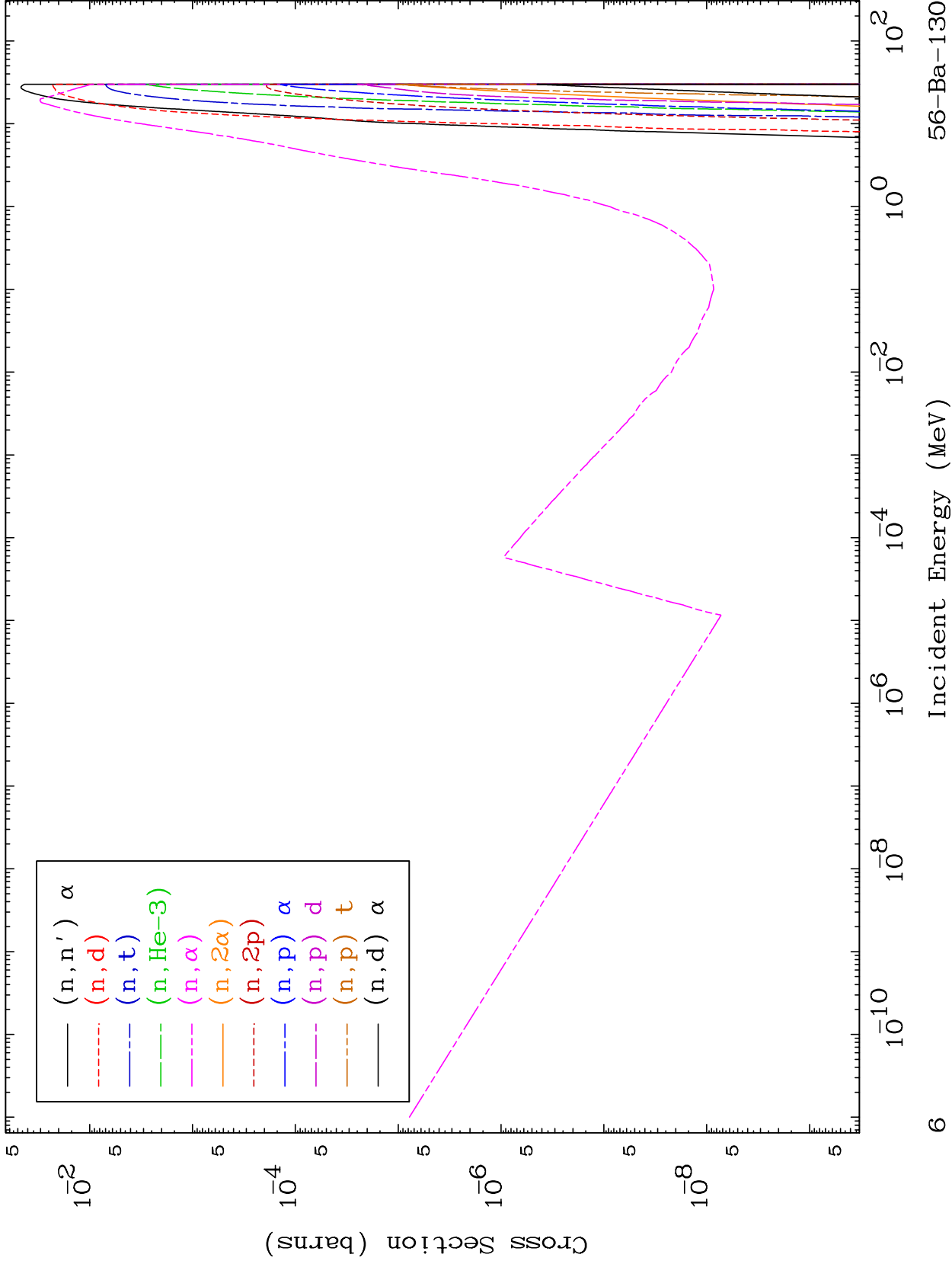
56-Ba-130



MAT 5625

Charged Particle
293 Kelvin Cross Sections

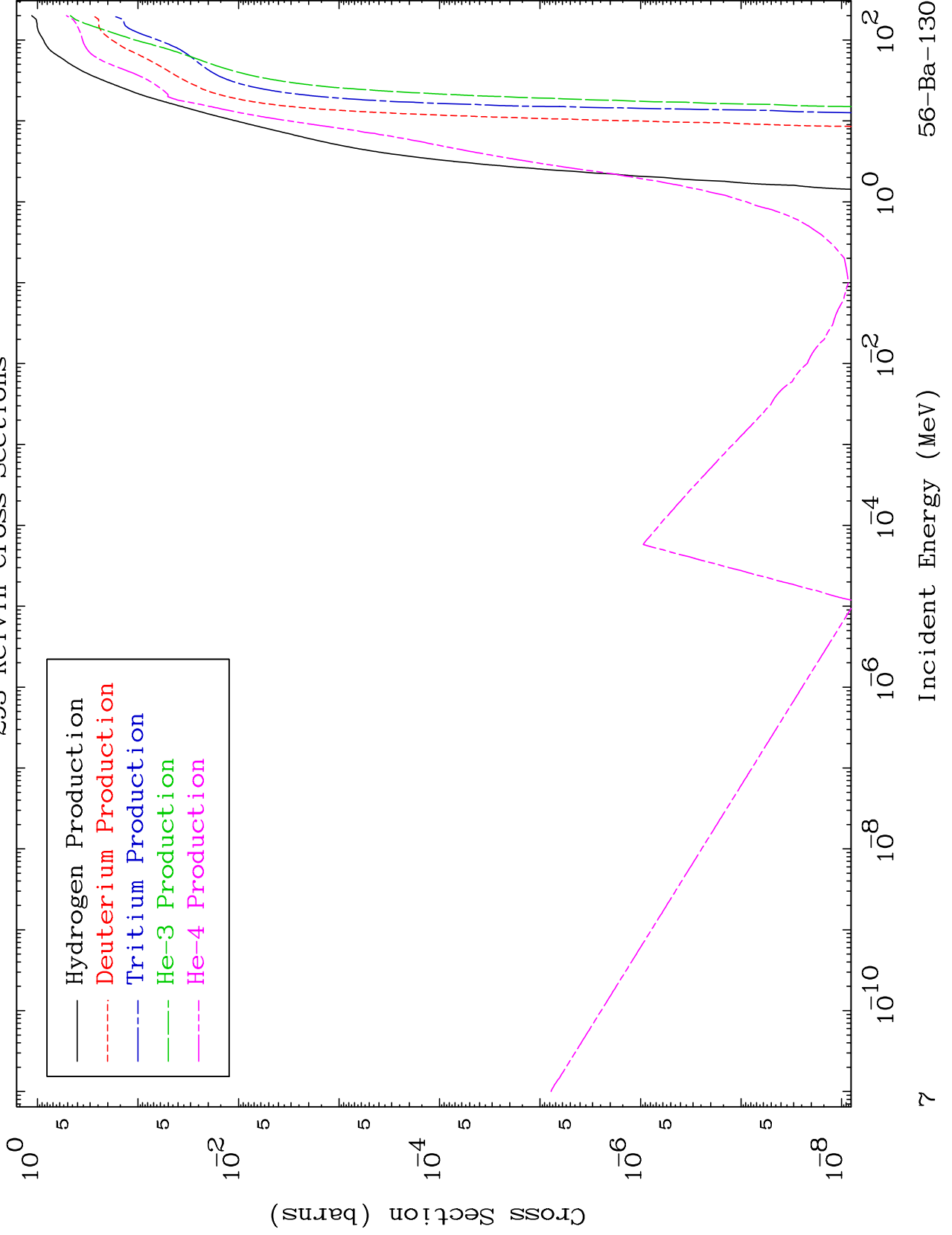
56-Ba-130



MAT 5625

Particle Production
293 Kelvin Cross Sections

56-Ba-130

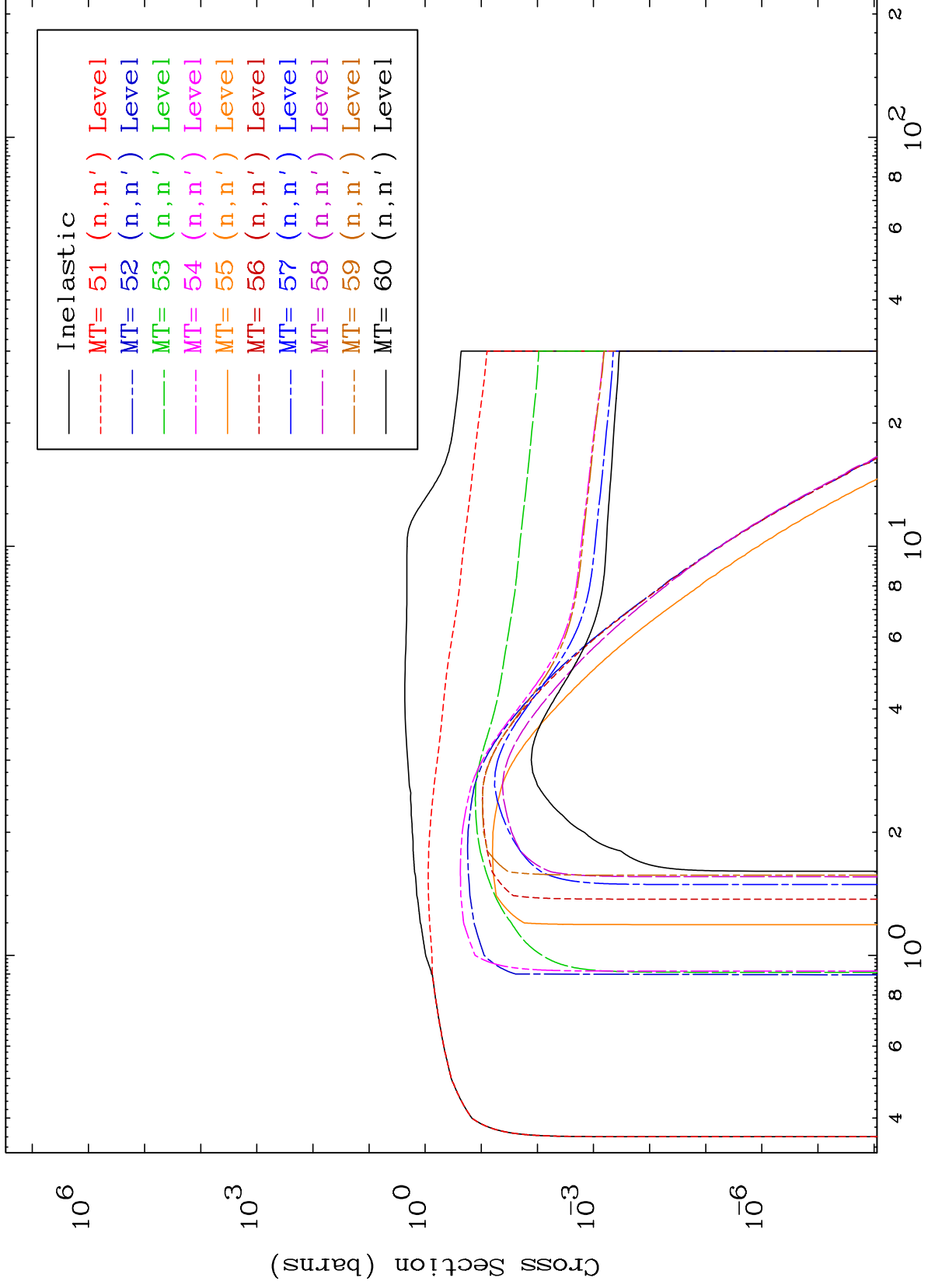


MAT 5625

(n,n') Levels

56-Ba-130

293 Kelvin Cross Sections



8

Incident Energy (MeV)

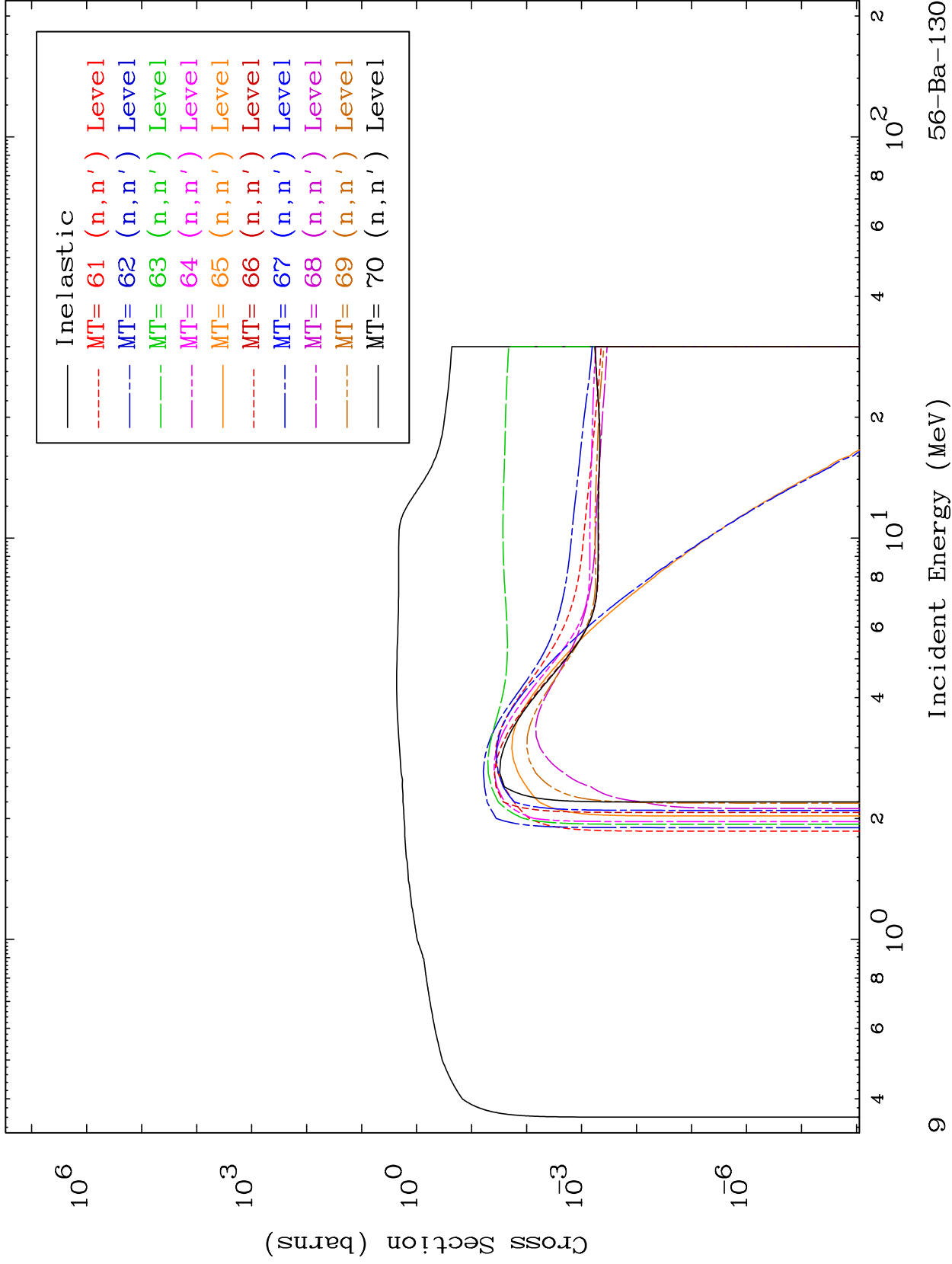
56-Ba-130

MAT 5625

(n,n') Levels

56-Ba-130

293 Kelvin Cross Sections

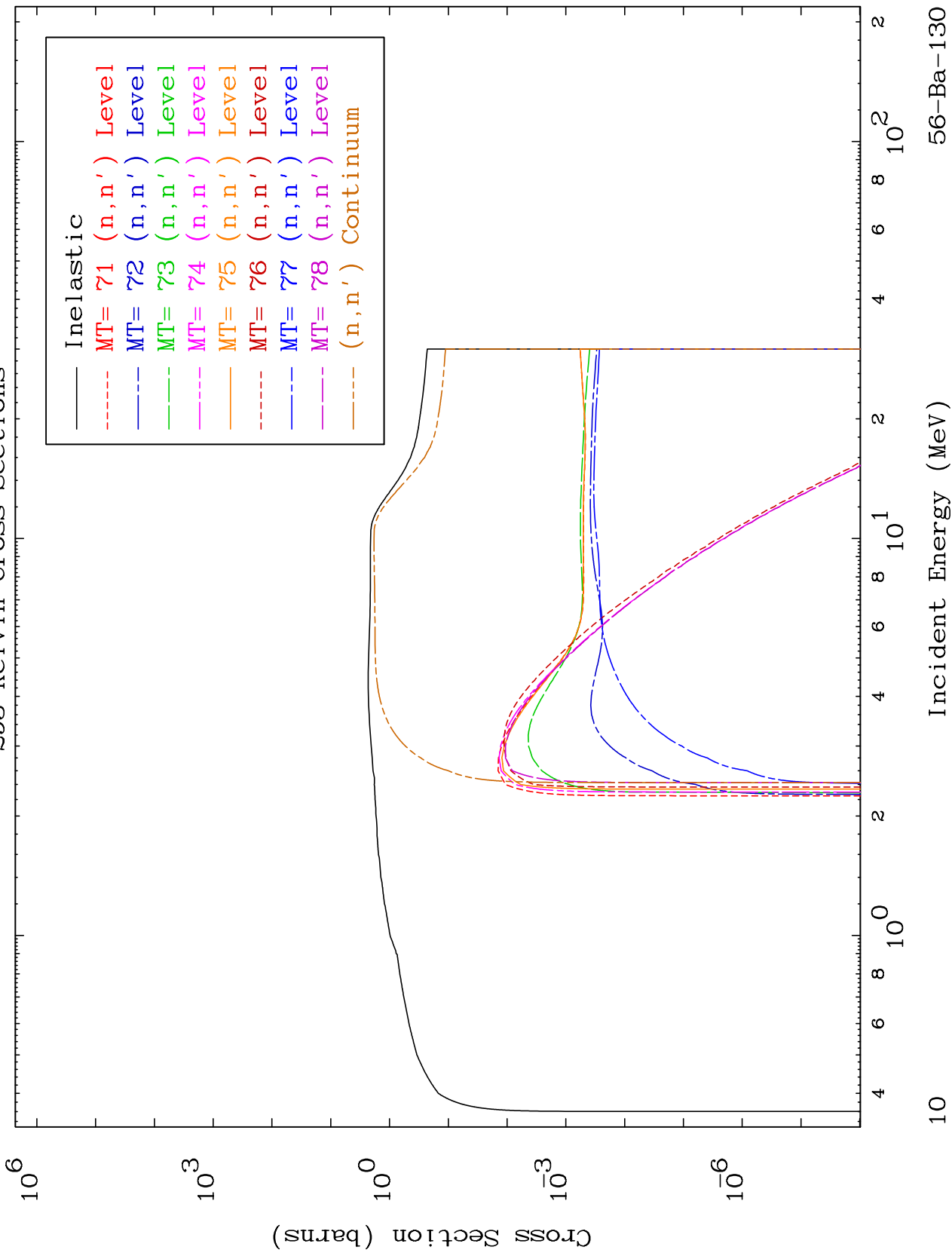


MAT 5625

(n,n') Levels

56-Ba-130

293 Kelvin Cross Sections



10

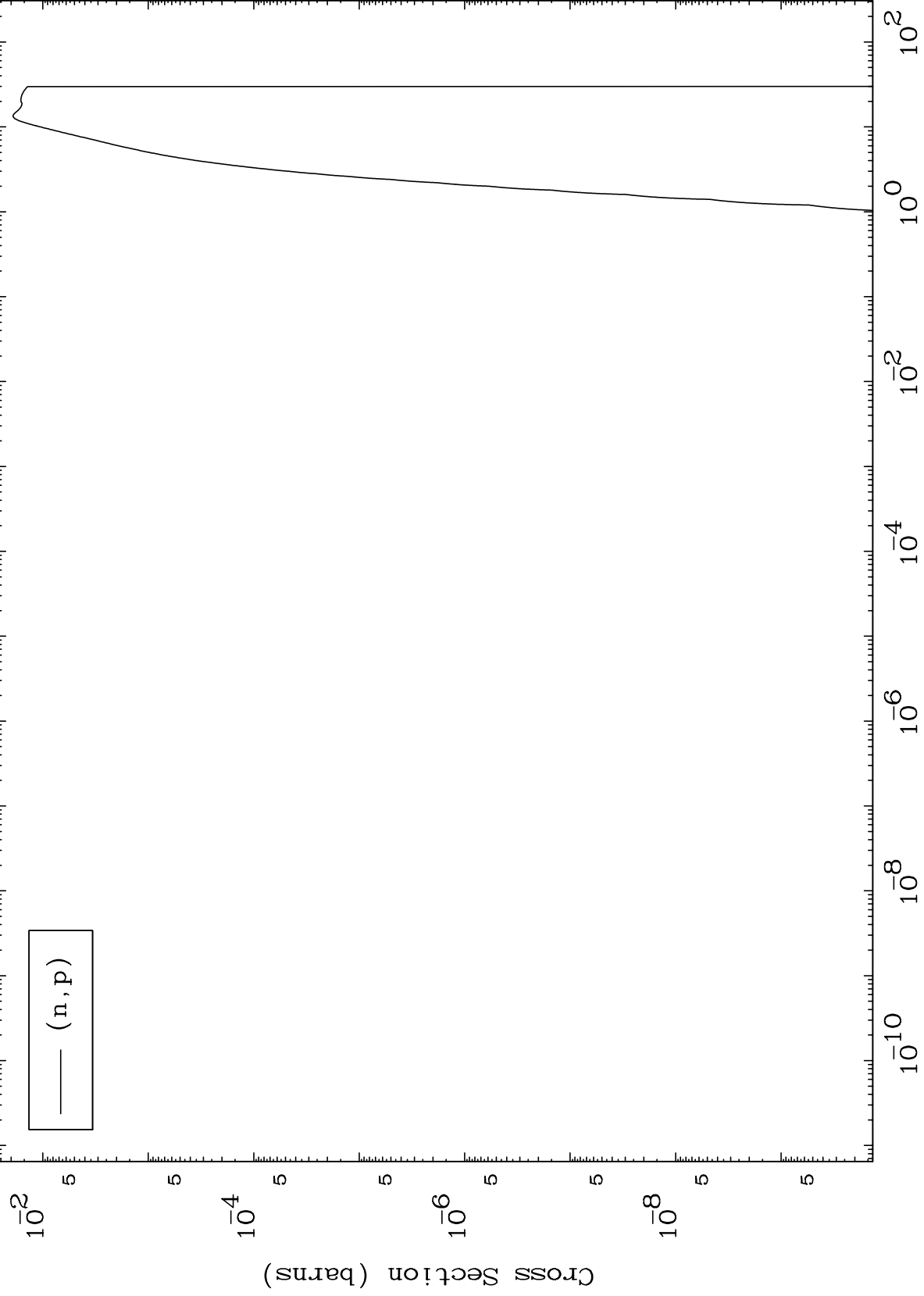
Incident Energy (MeV)

56-Ba-130

MAT 5625

(n,p) Levels
293 Kelvin Cross Sections

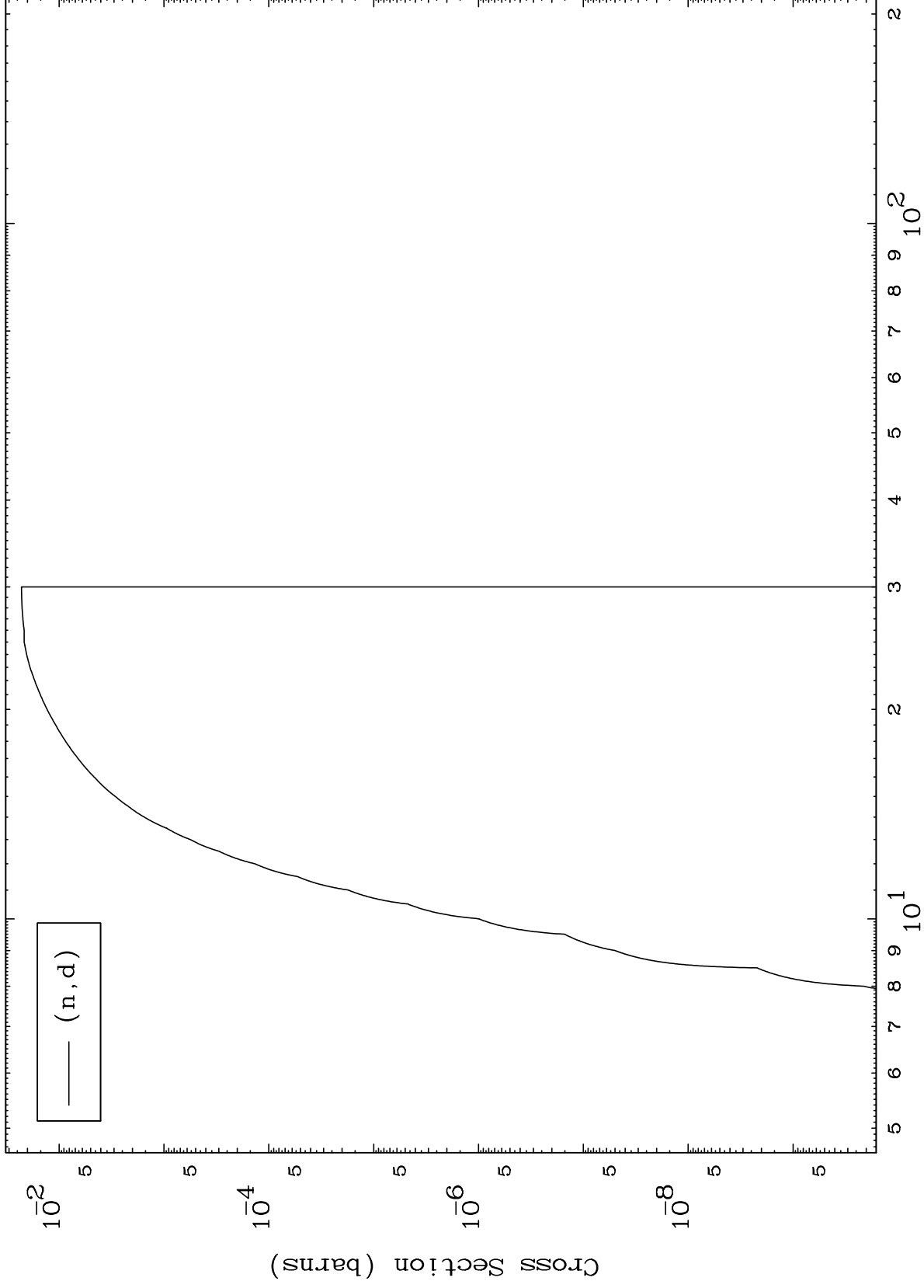
56-Ba-130



MAT 5625

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-130



12

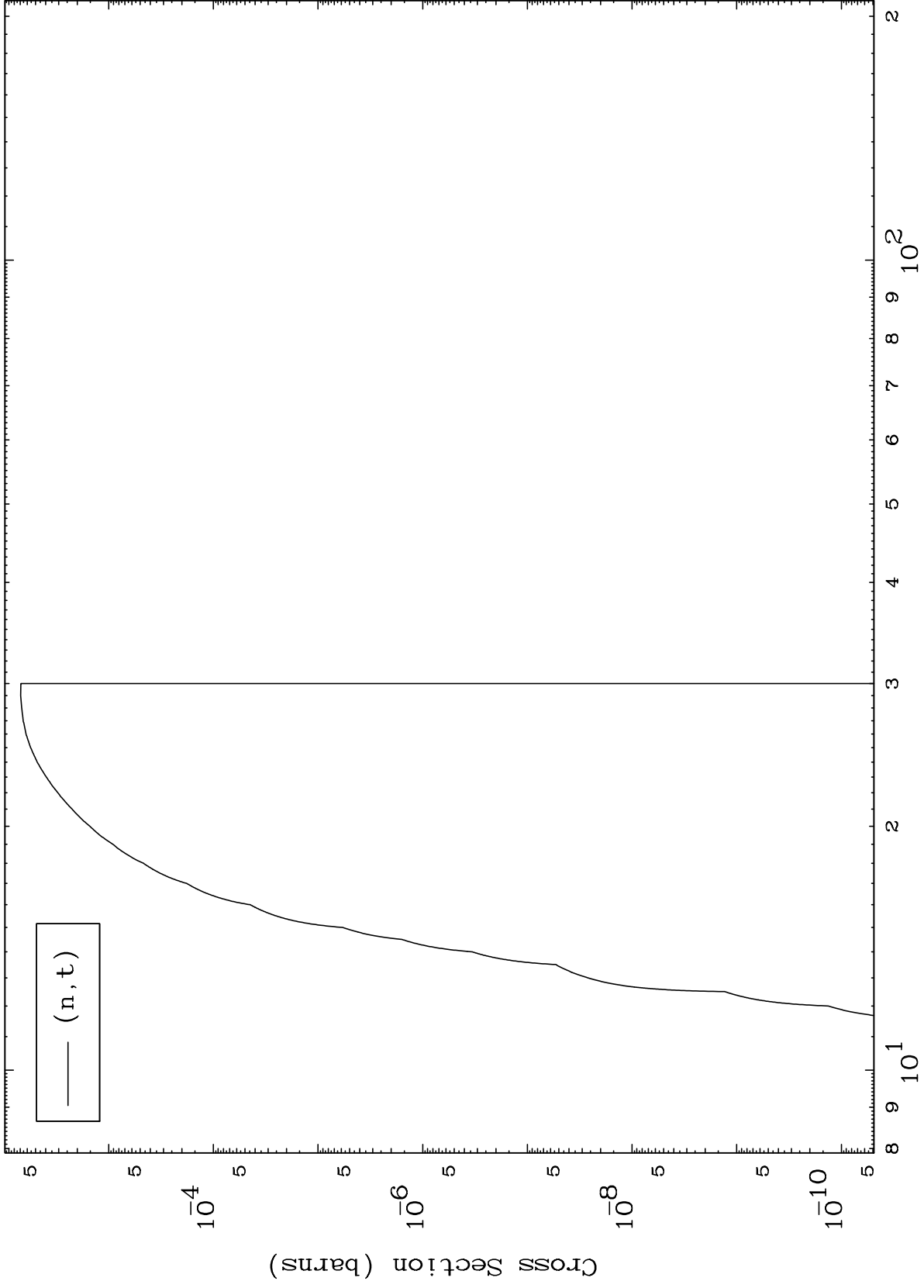
Incident Energy (MeV)

56-Ba-130

MAT 5625

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-130



13

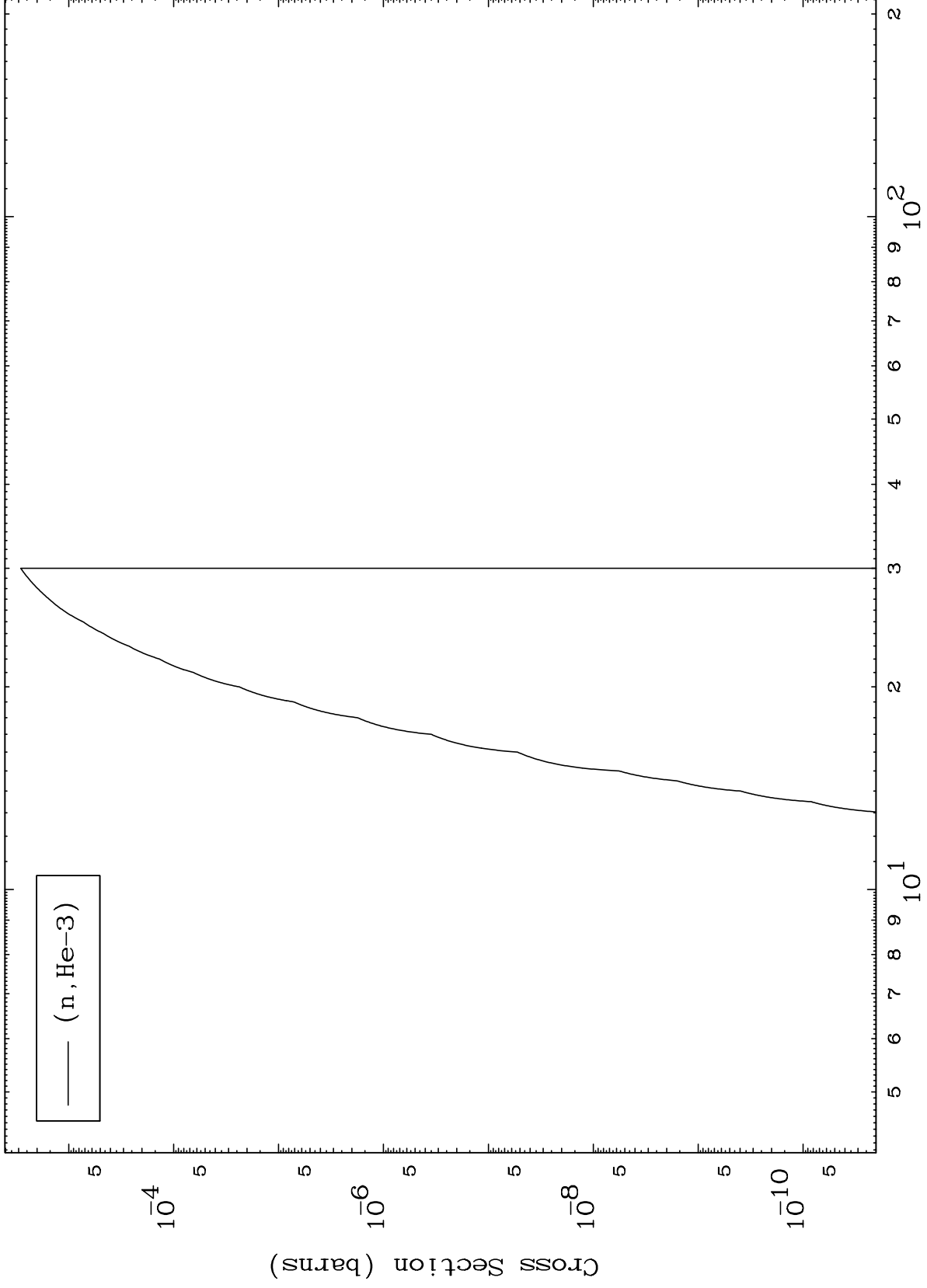
Incident Energy (MeV)

56-Ba-130

MAT 5625

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-130



14

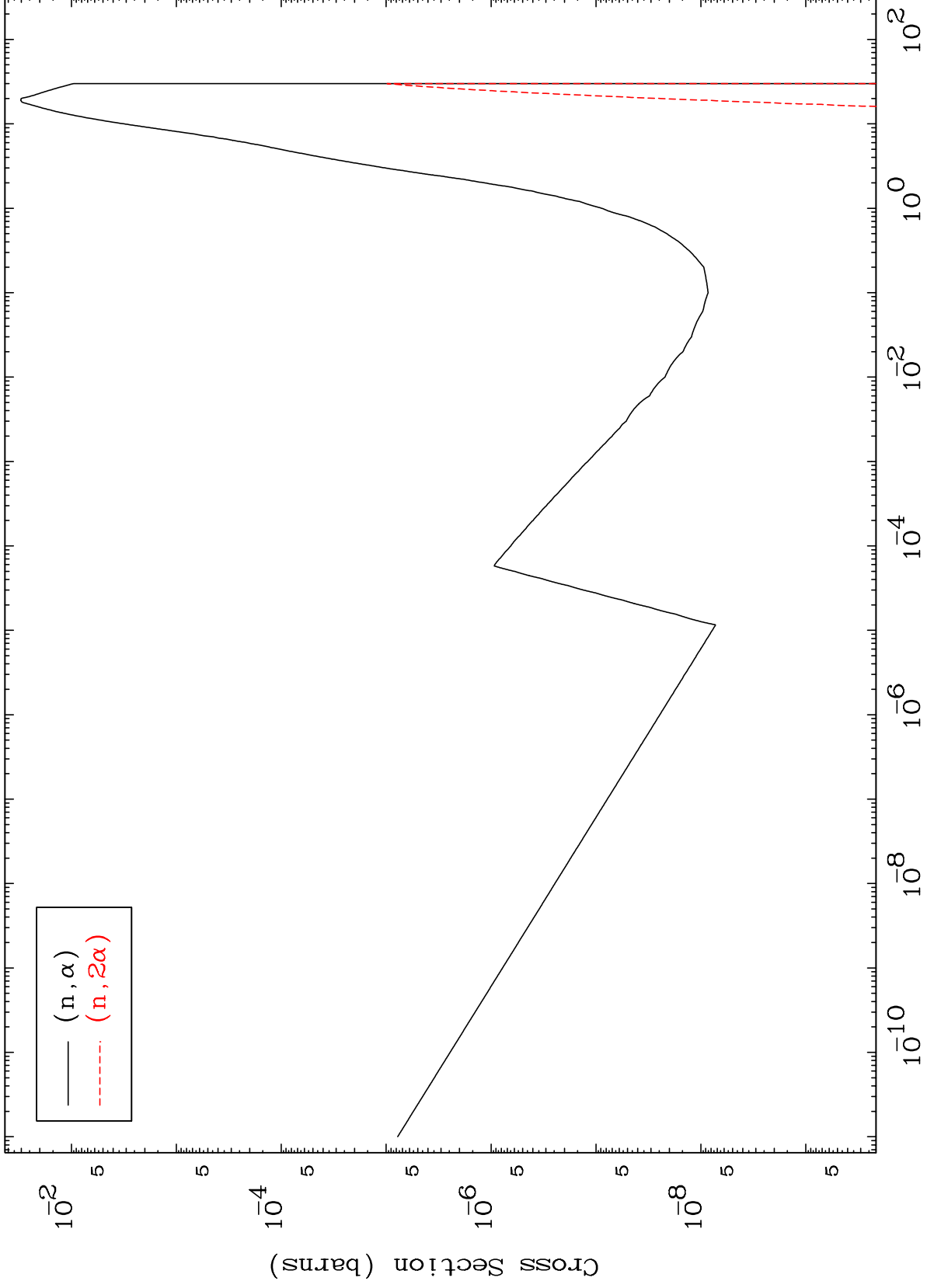
Incident Energy (MeV)

56-Ba-130

MAT 5625

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-130



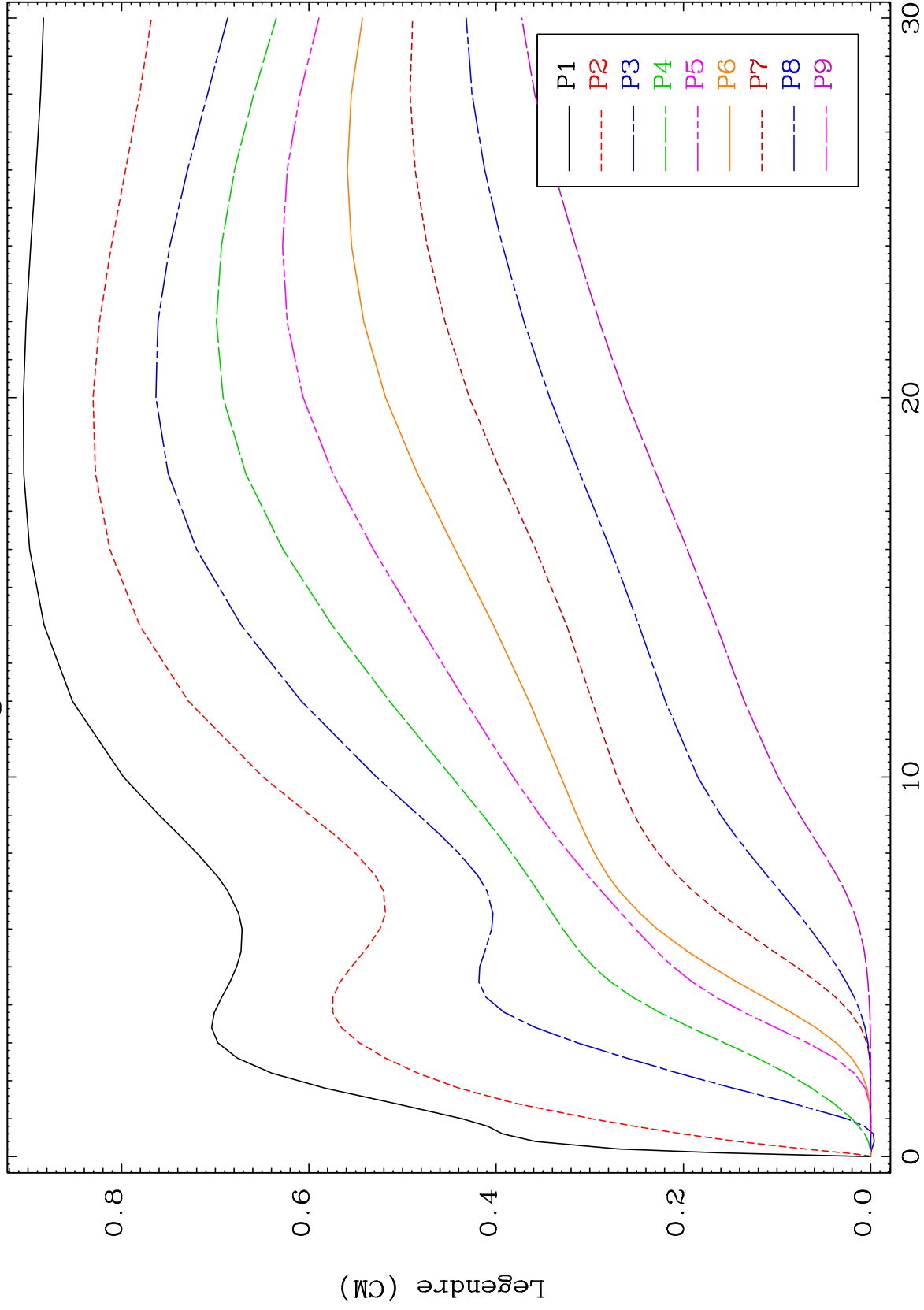
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56-Ba-130

MAT 5625

Elastic Legendre Coefficients

56-Ba-130



16

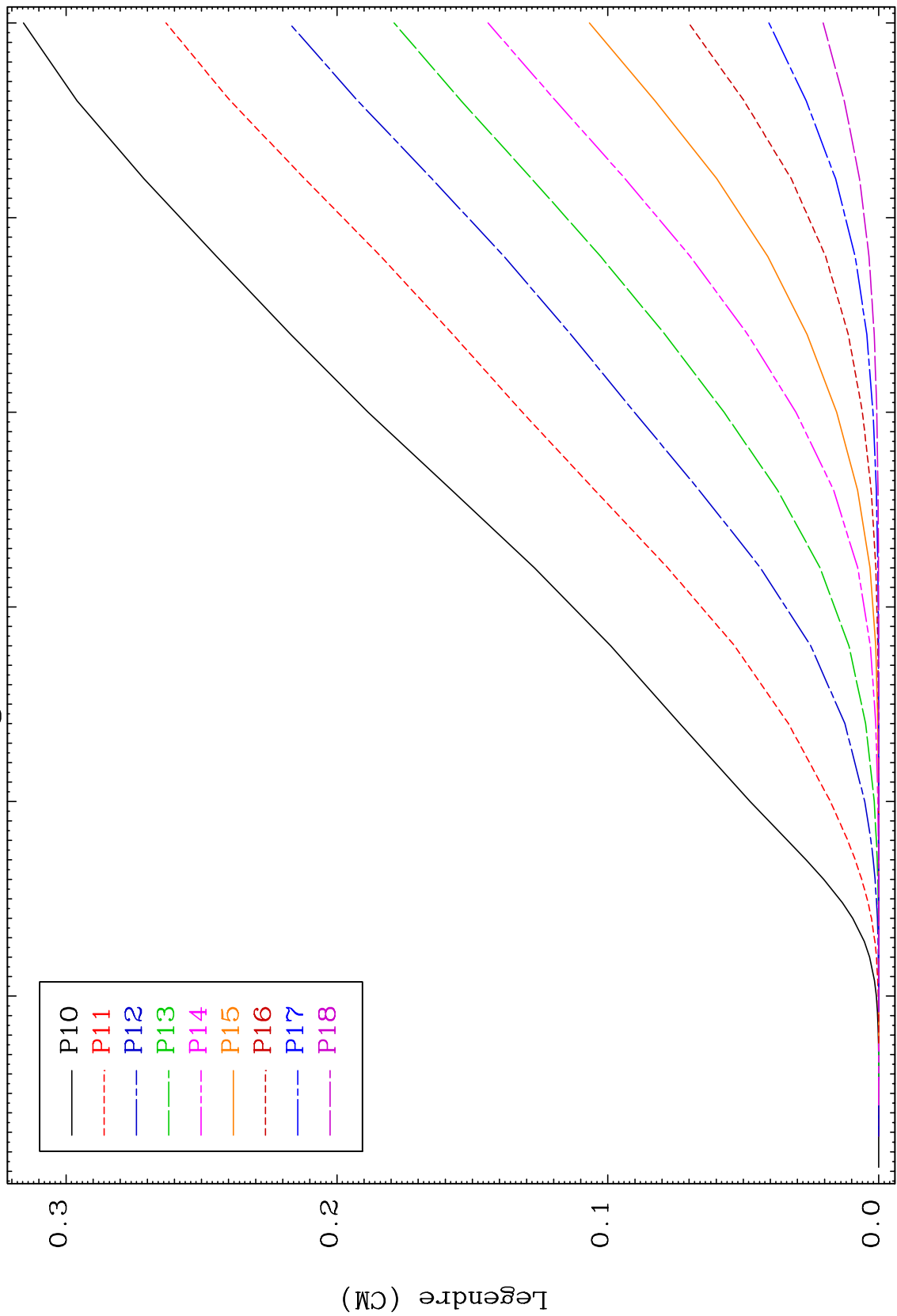
Incident Energy (MeV)

56-Ba-130

MAT 5625

Elastic Legendre Coefficients

56-Ba-130



17

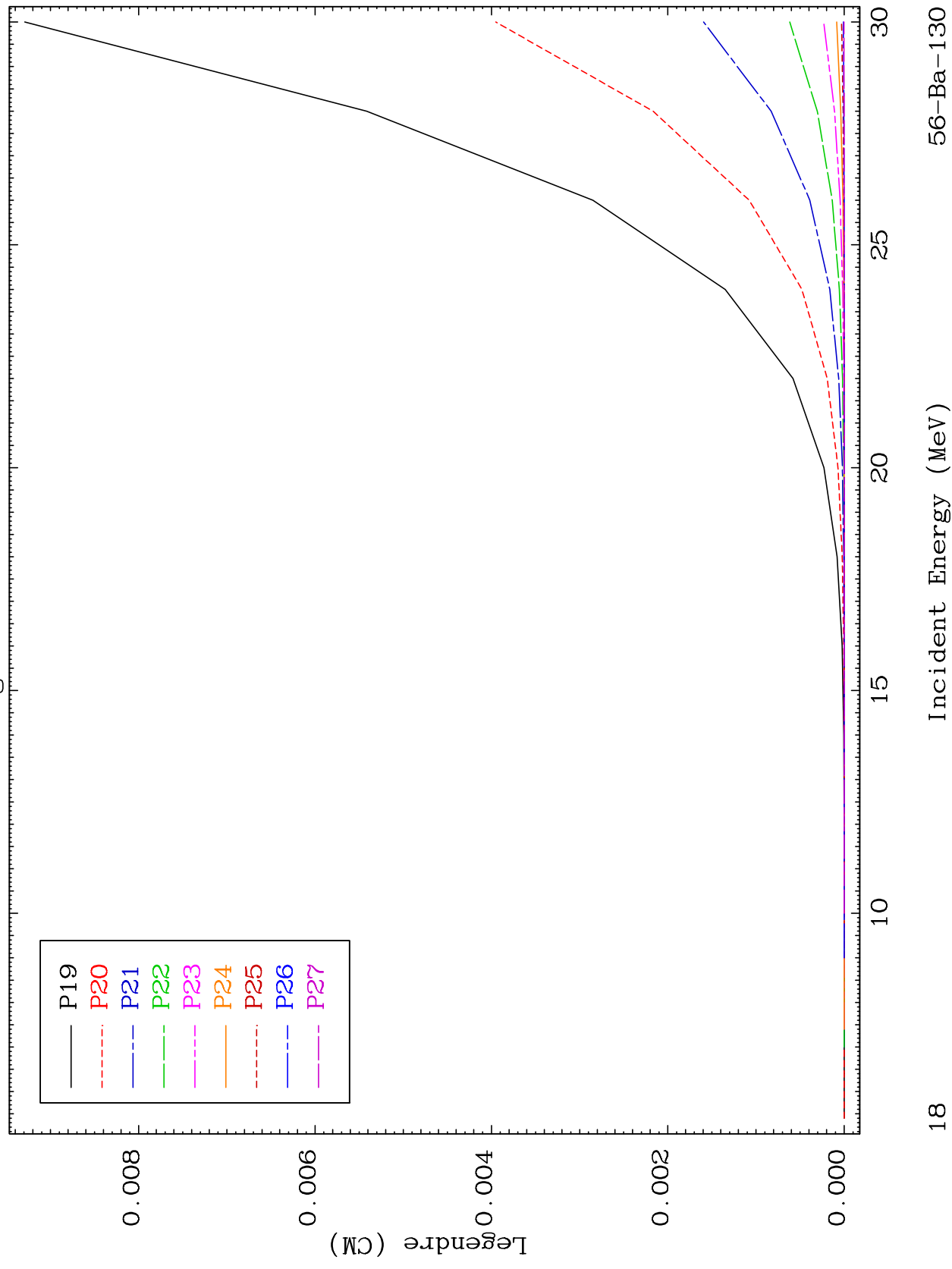
Incident Energy (MeV)

56-Ba-130

MAT 5625

Elastic Legendre Coefficients

56-Ba-130



18

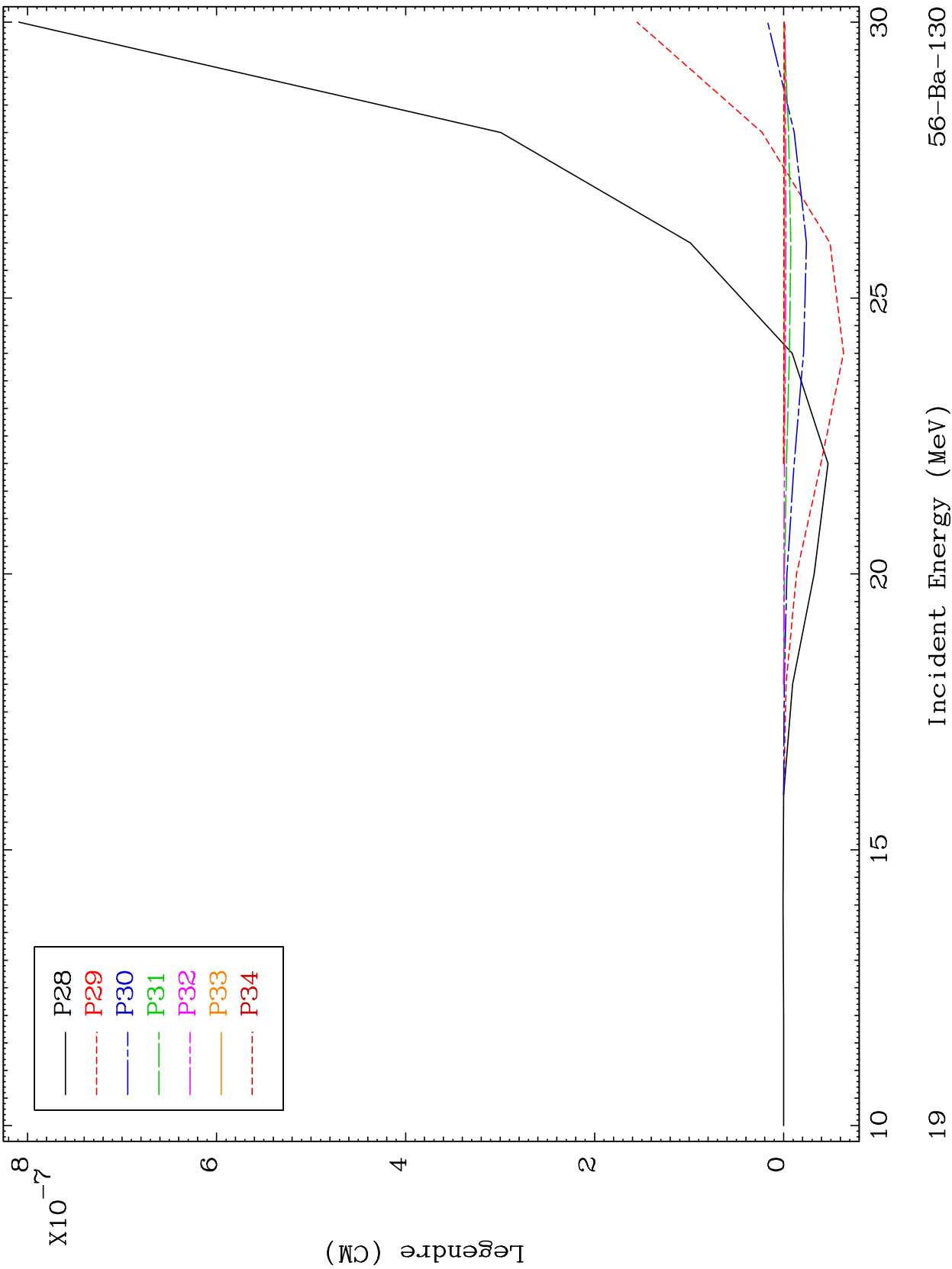
Incident Energy (MeV)

56-Ba-130

MAT 5625

Elastic
Legendre Coefficients

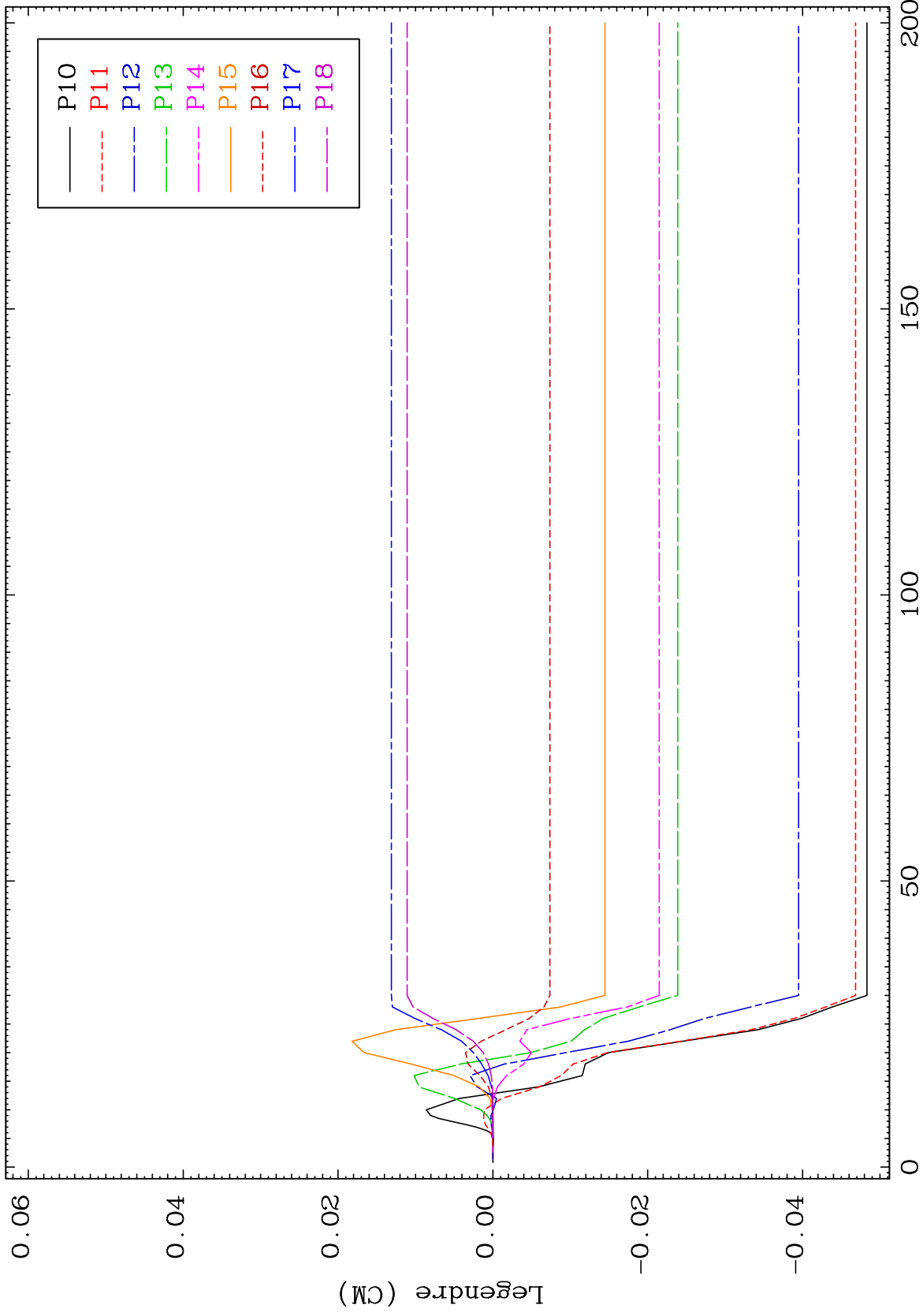
56-Ba-130



MAT 5625

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

56-Ba-130



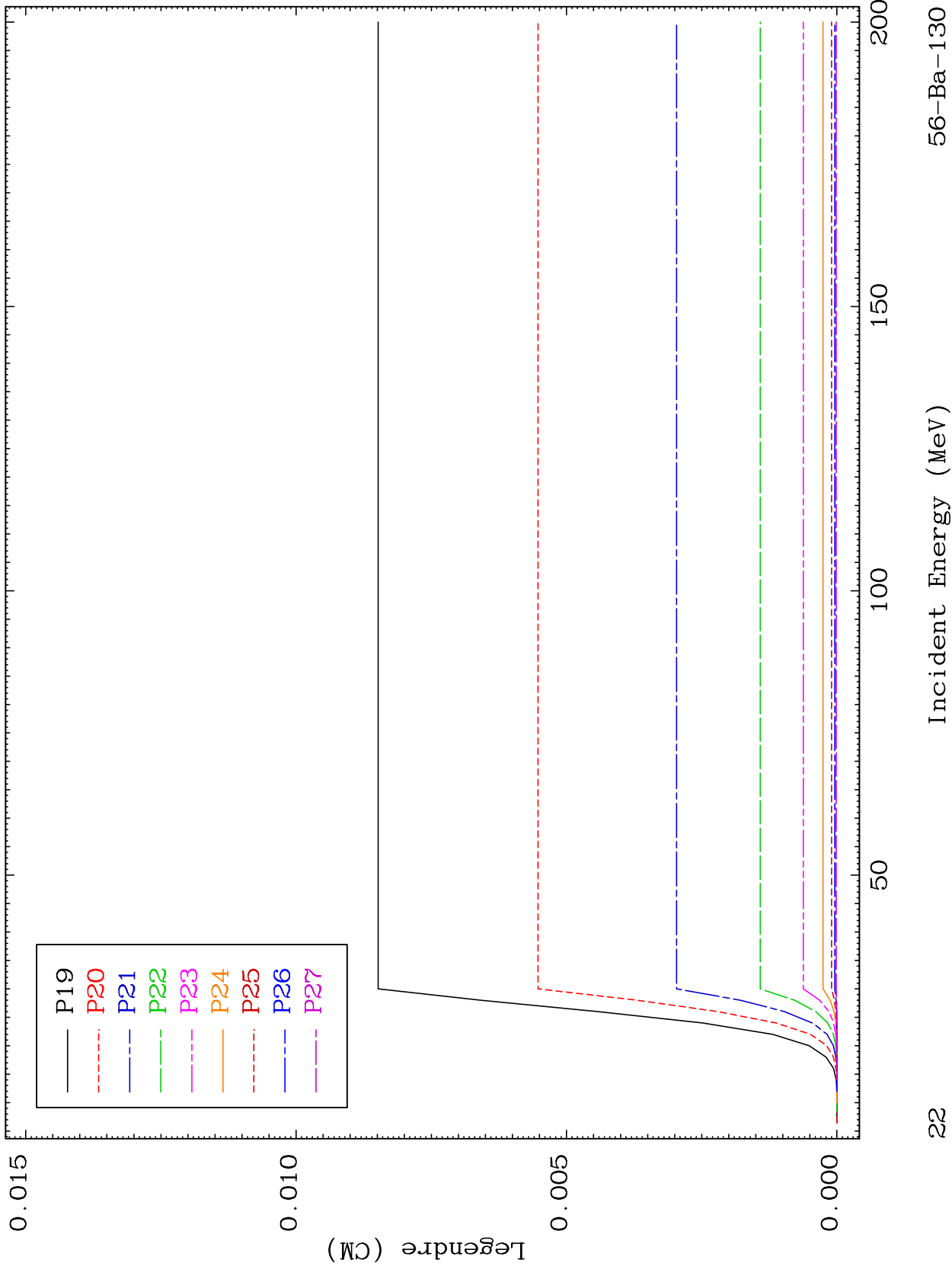
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56-Ba-130

MAT 5625

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

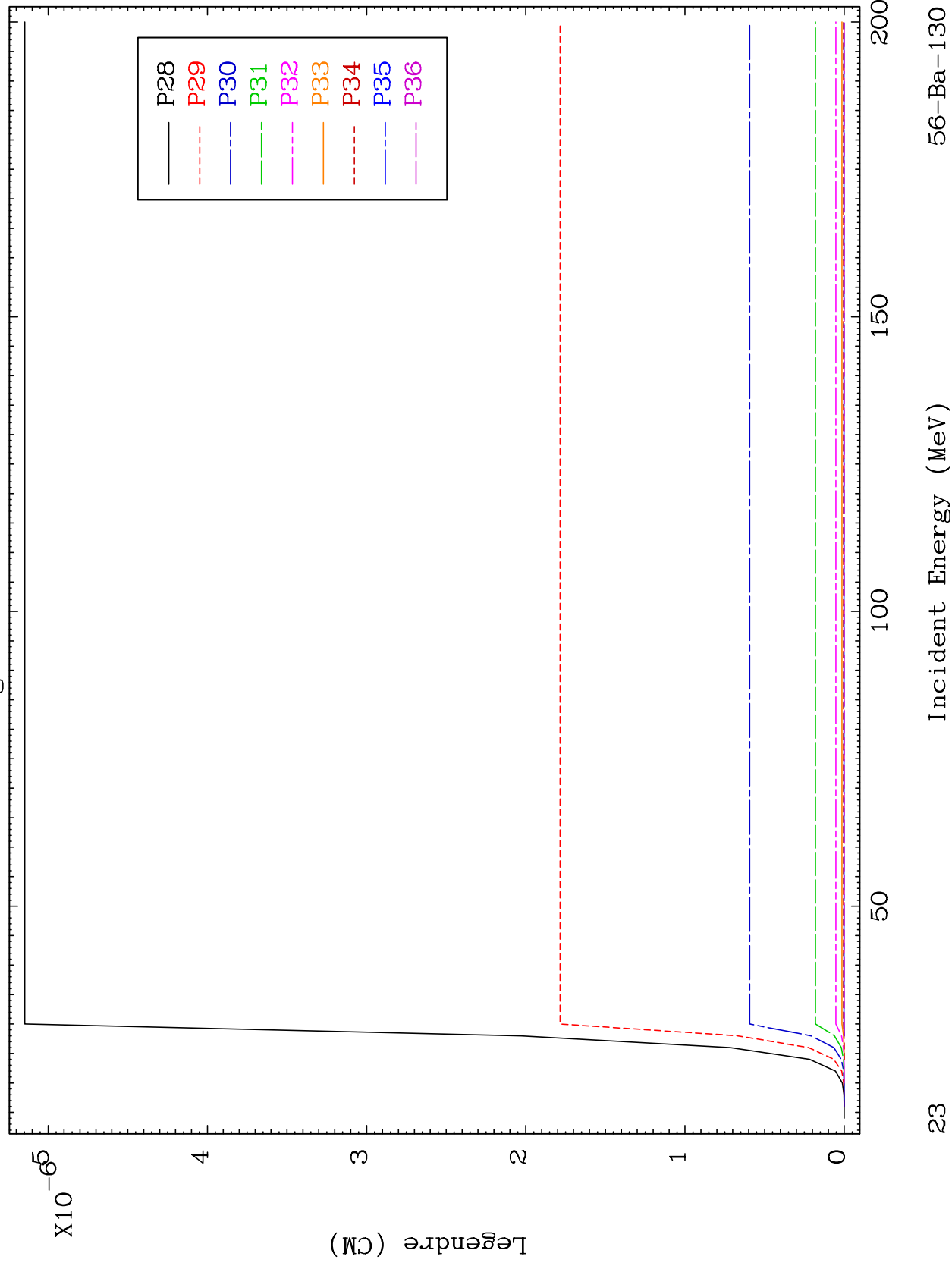
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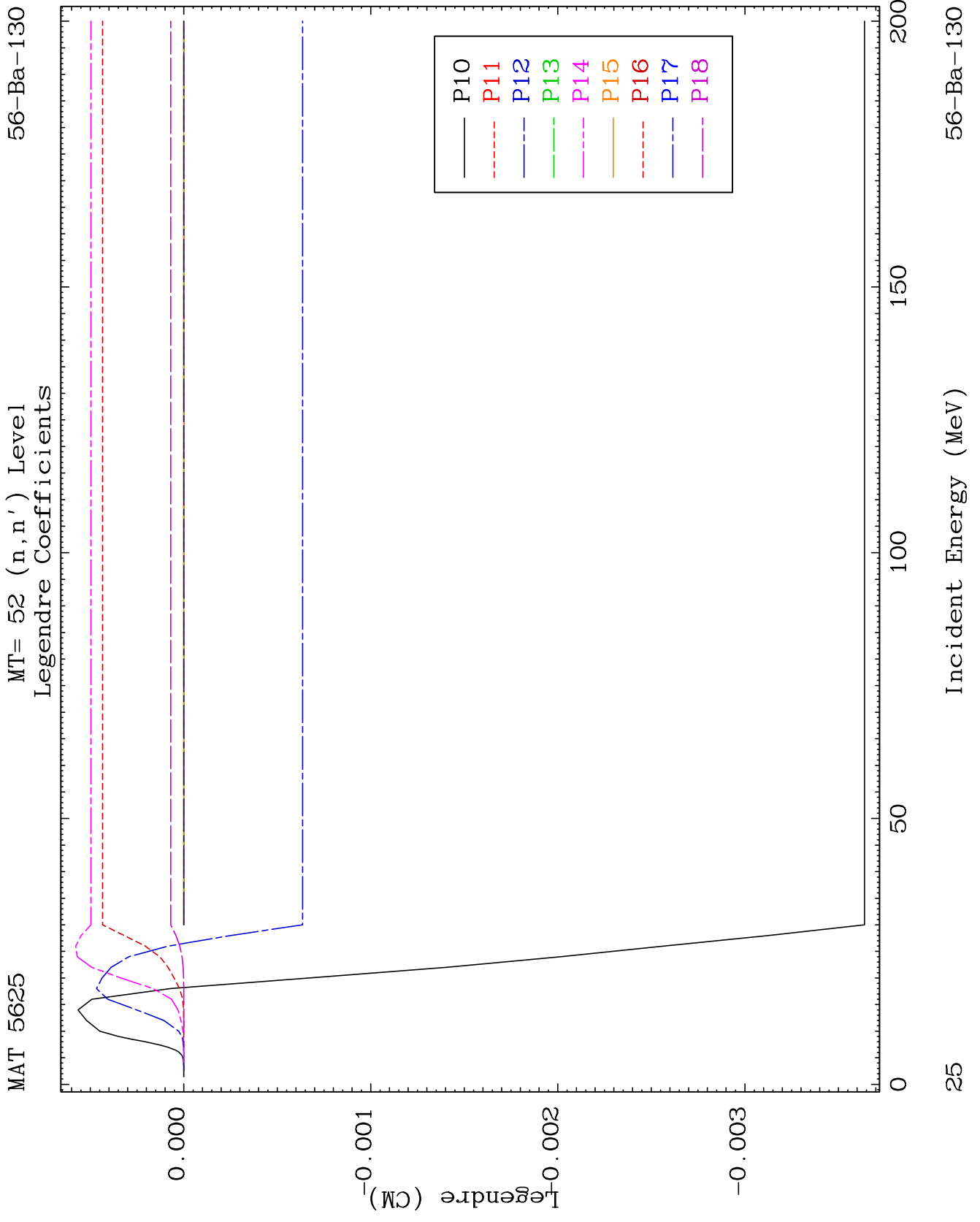
MAT 5625

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

56-Ba-130



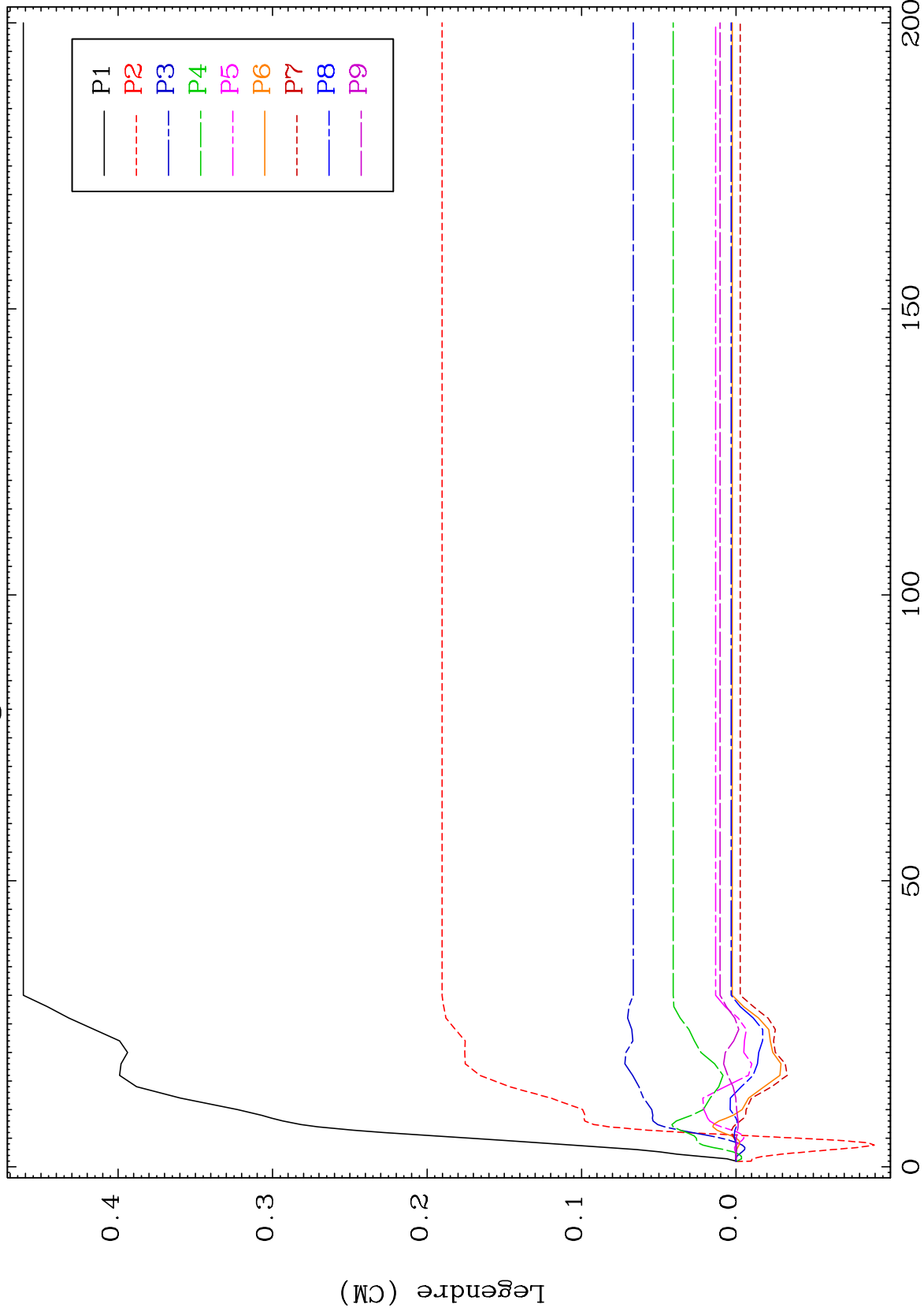
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MAT 5625

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

56-Ba-130



27

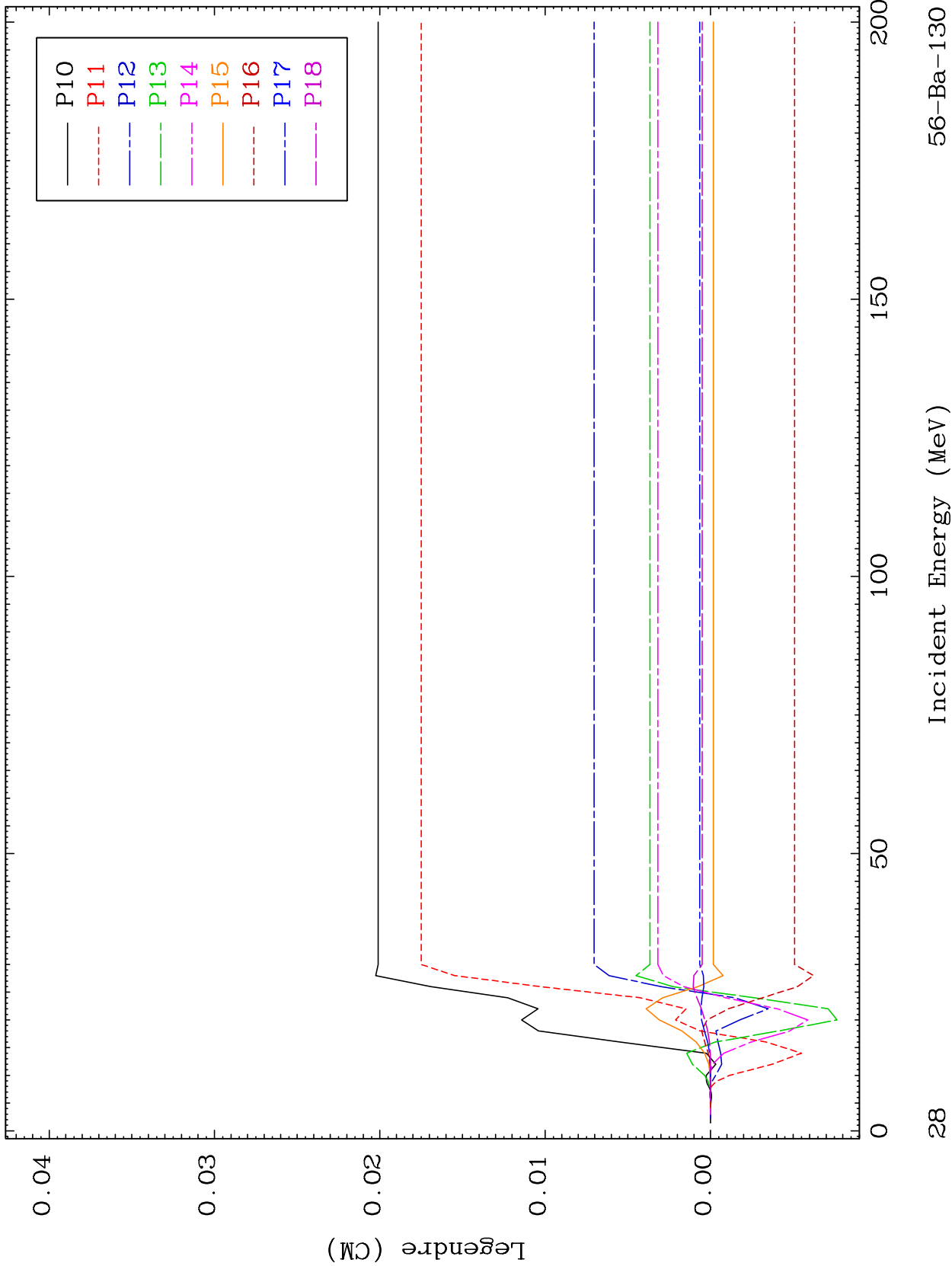
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

56-Ba-130



56-Ba-130

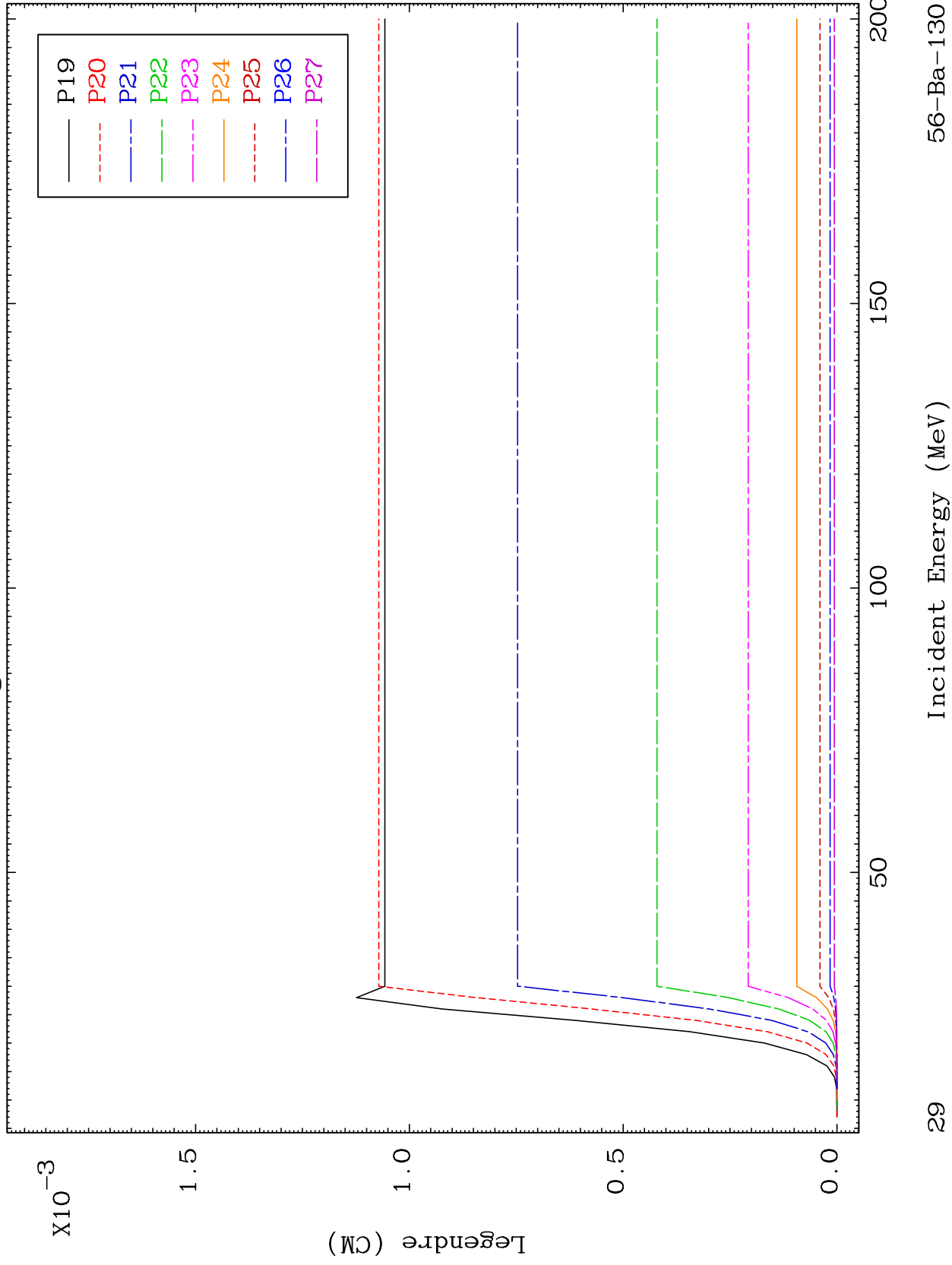
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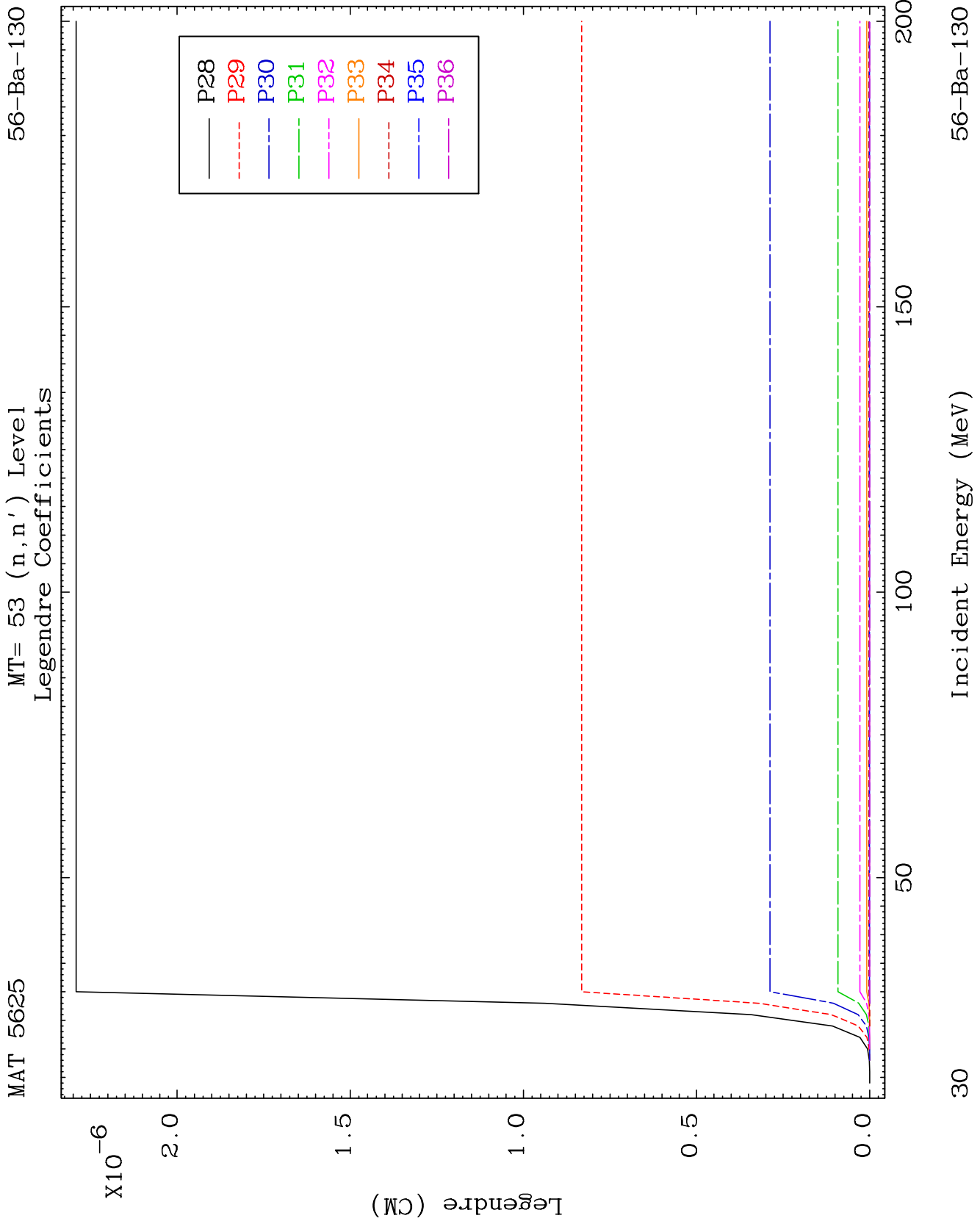
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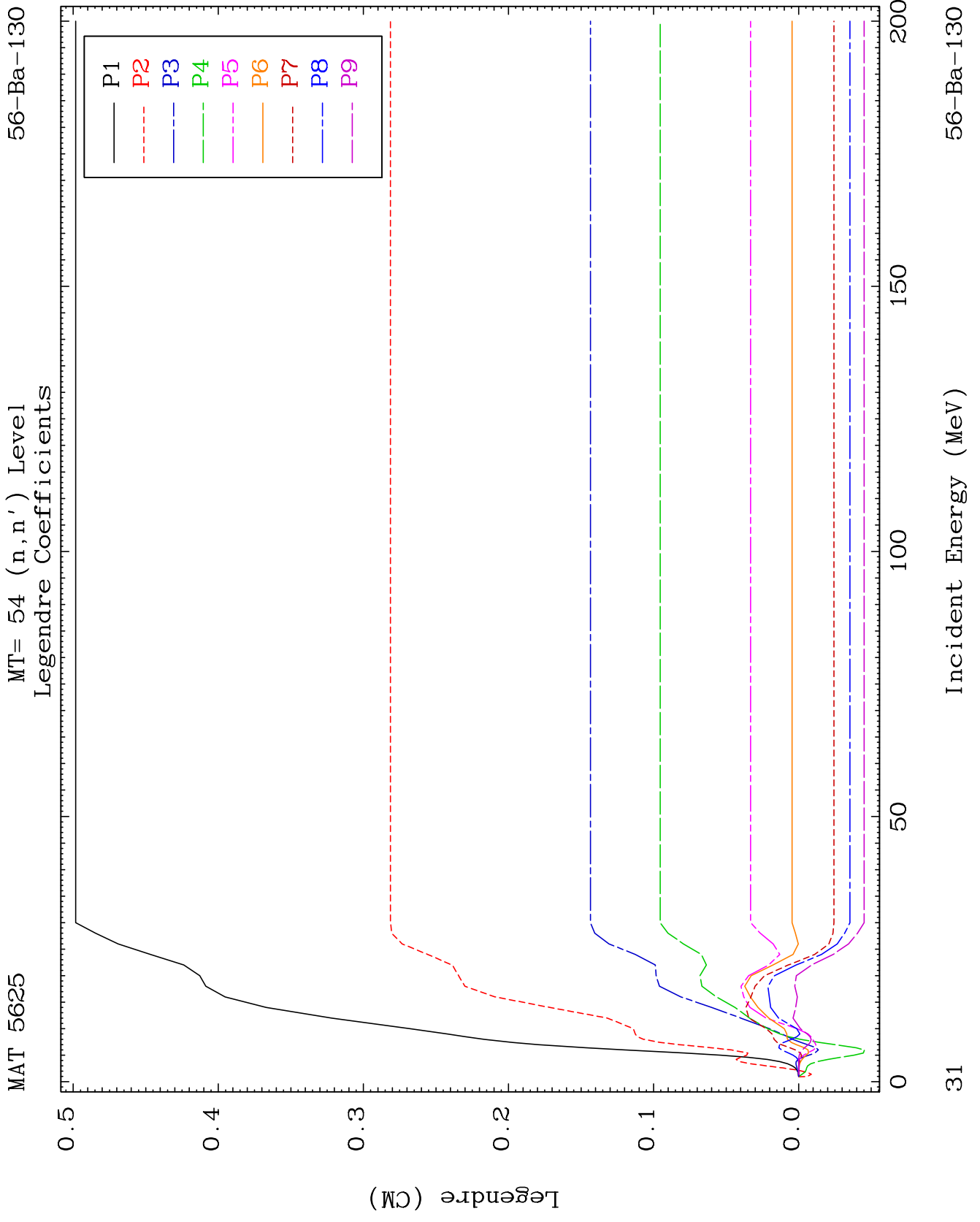
MAT 5625

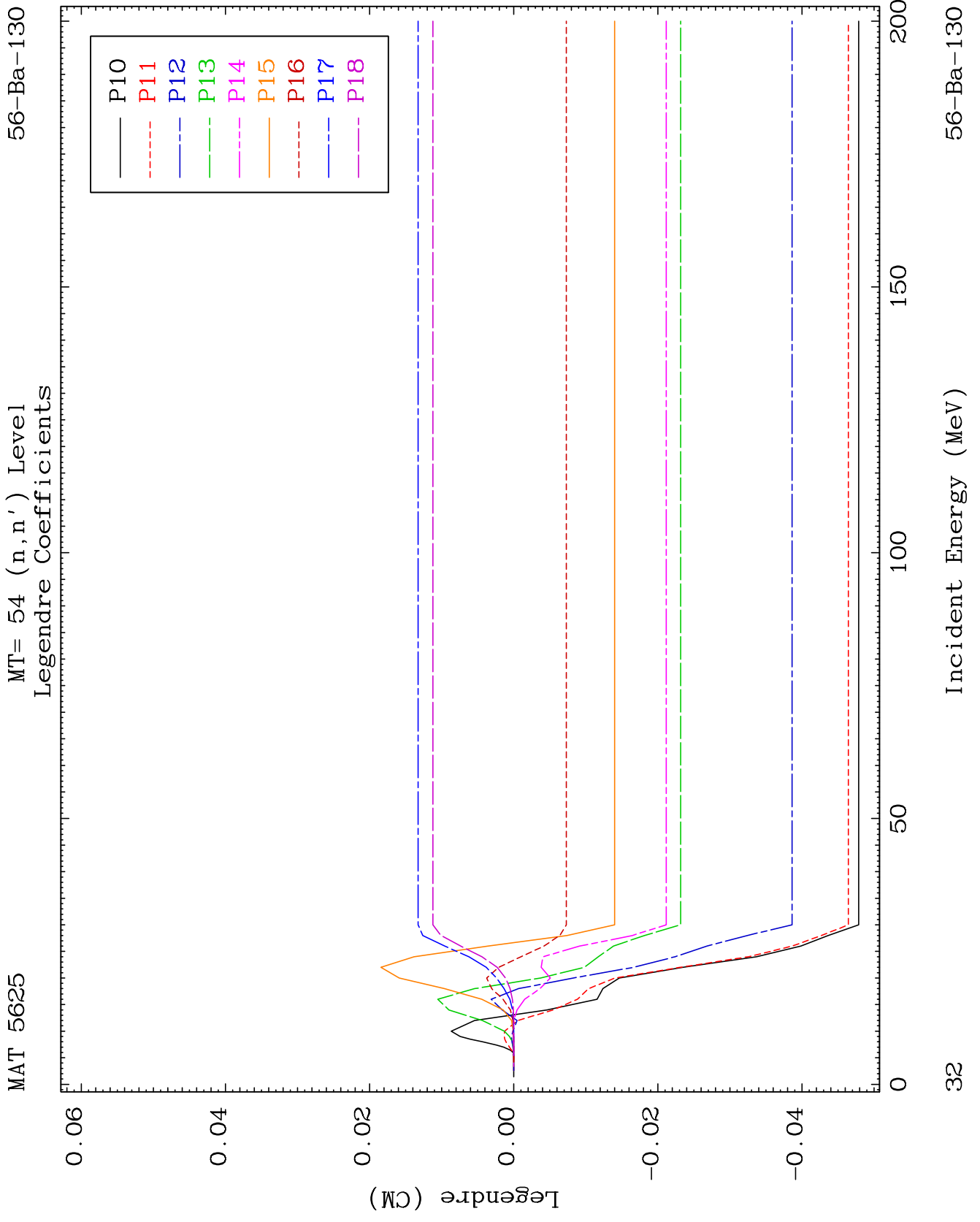
MT= 53 (n,n') Level
Legendre Coefficients

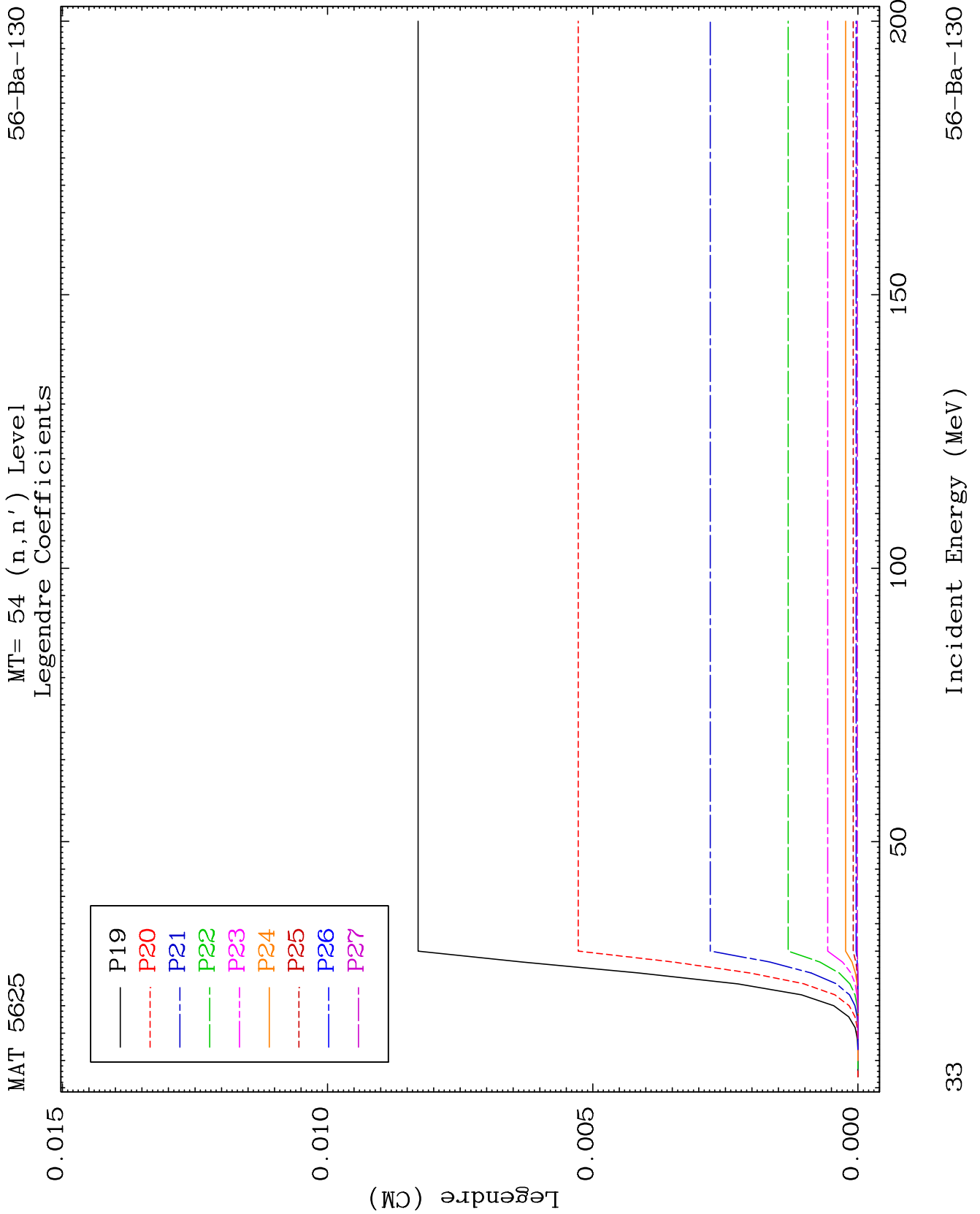
56-Ba-130







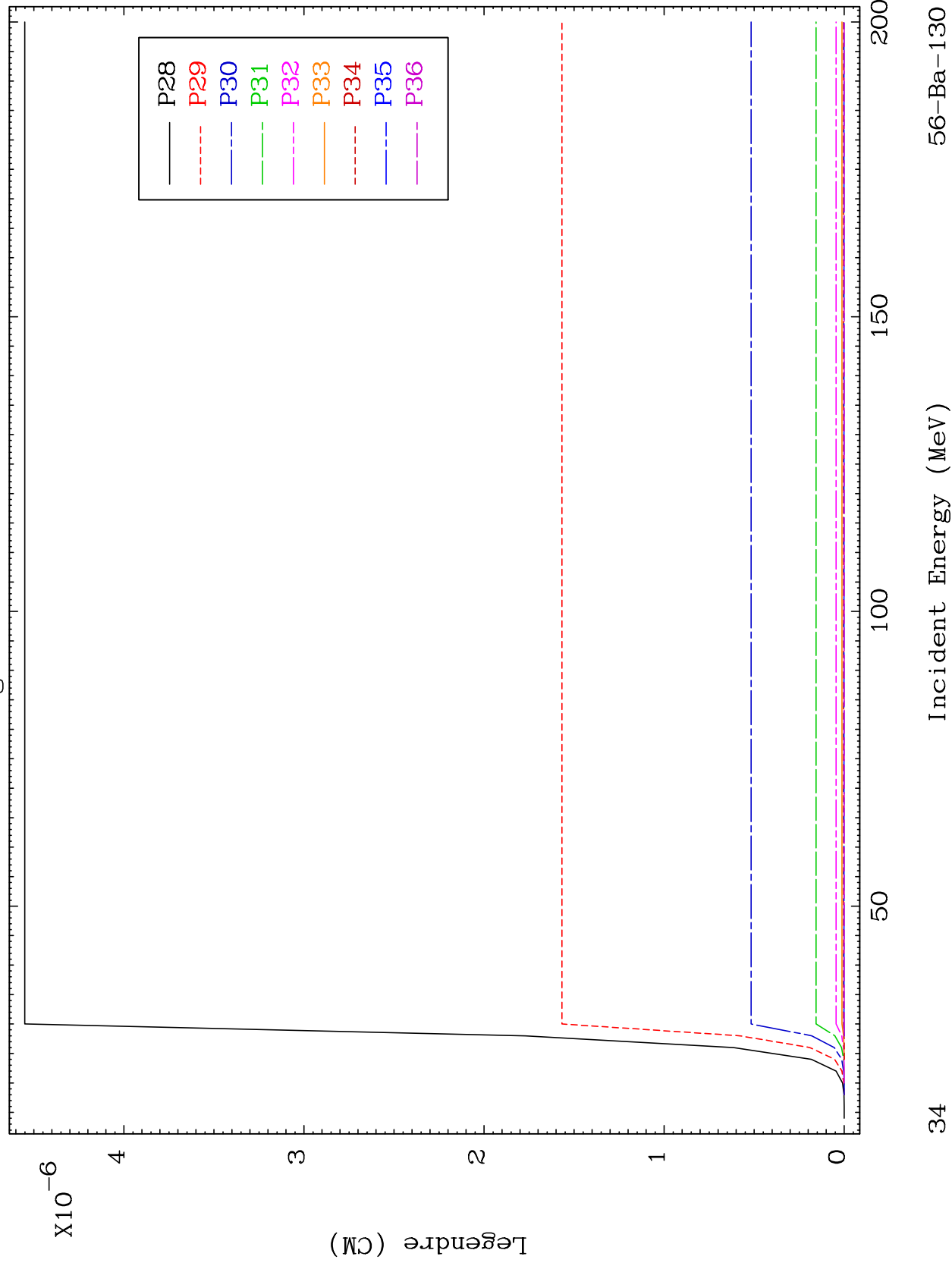




MAT 5625

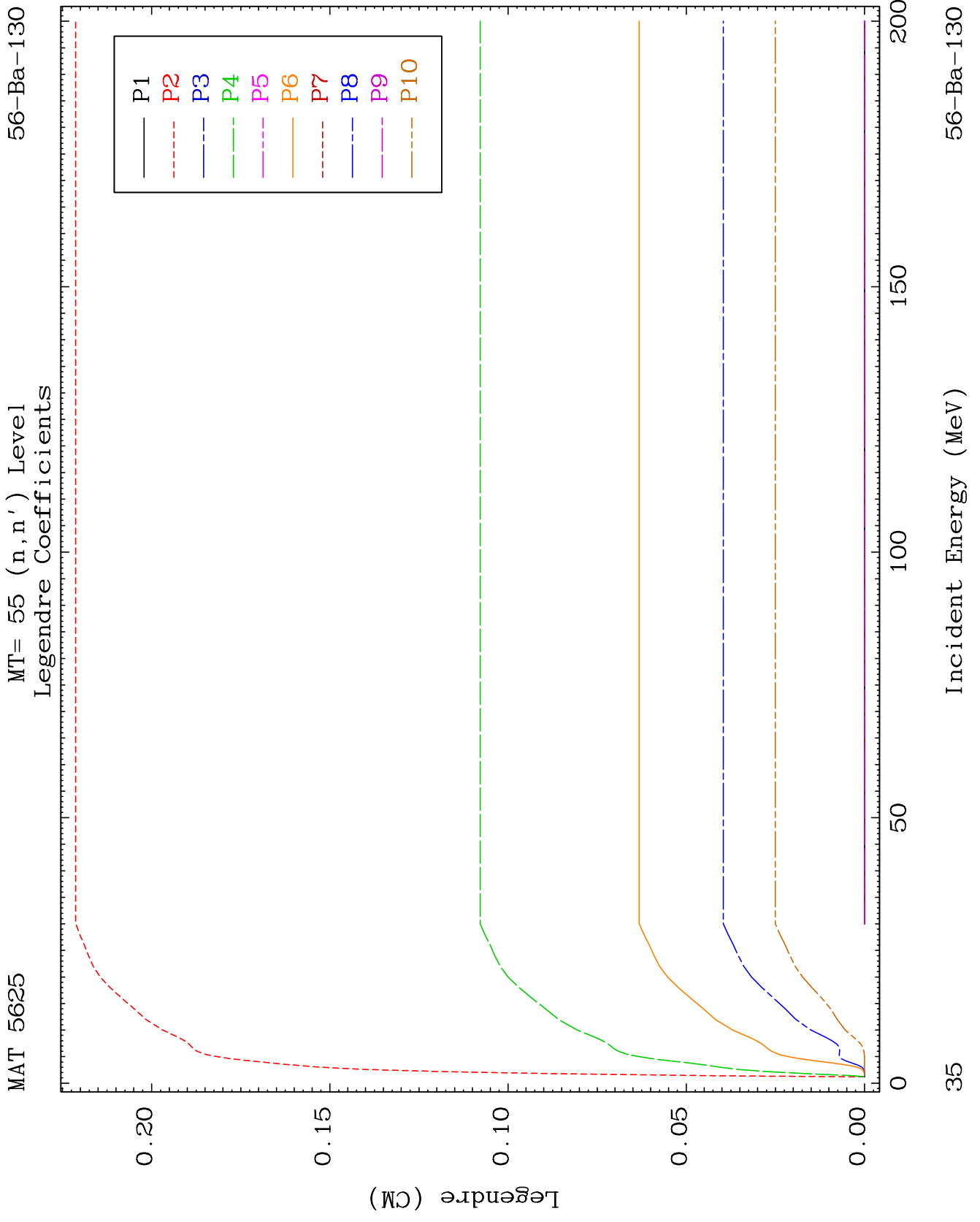
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Legendre Coefficients

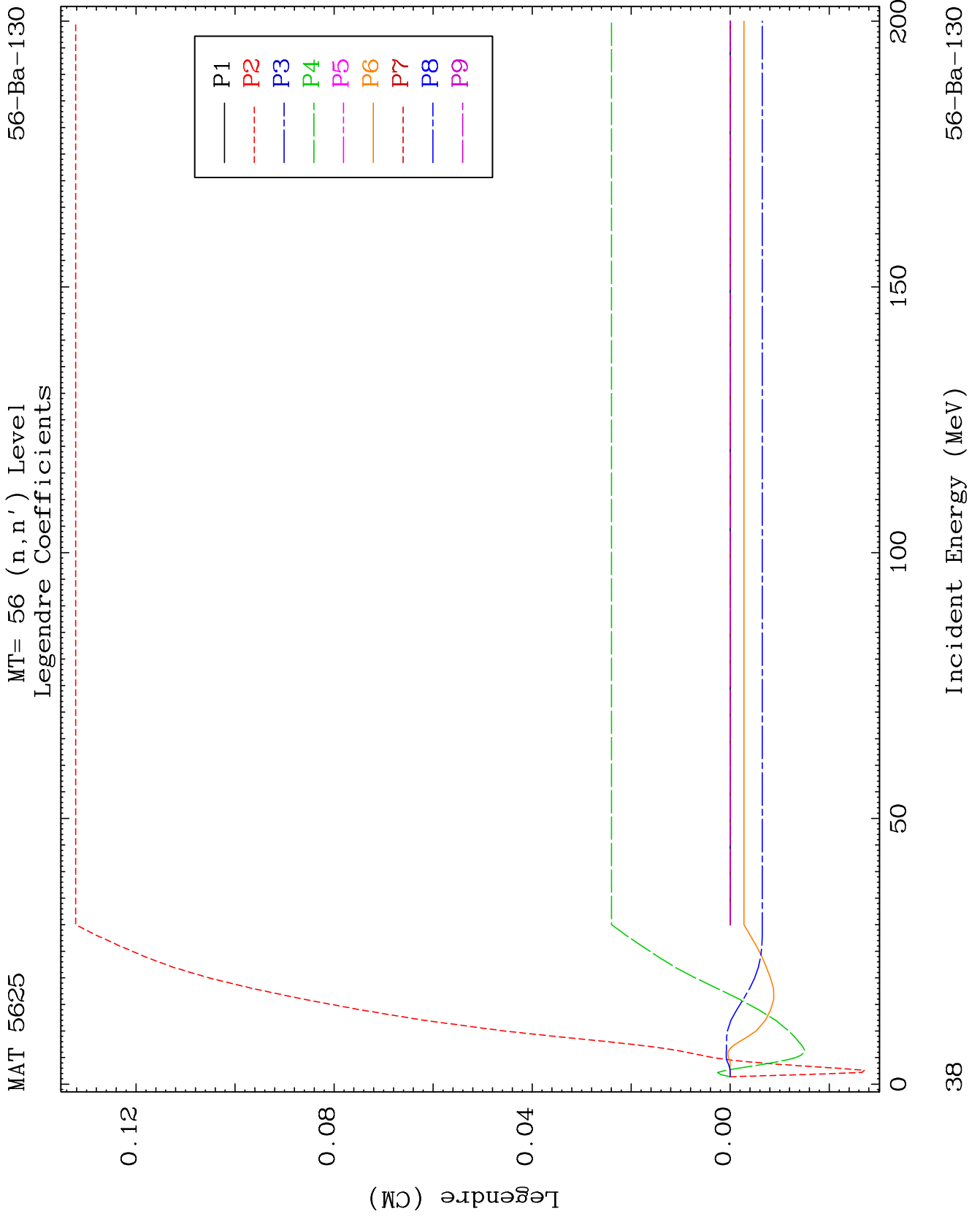
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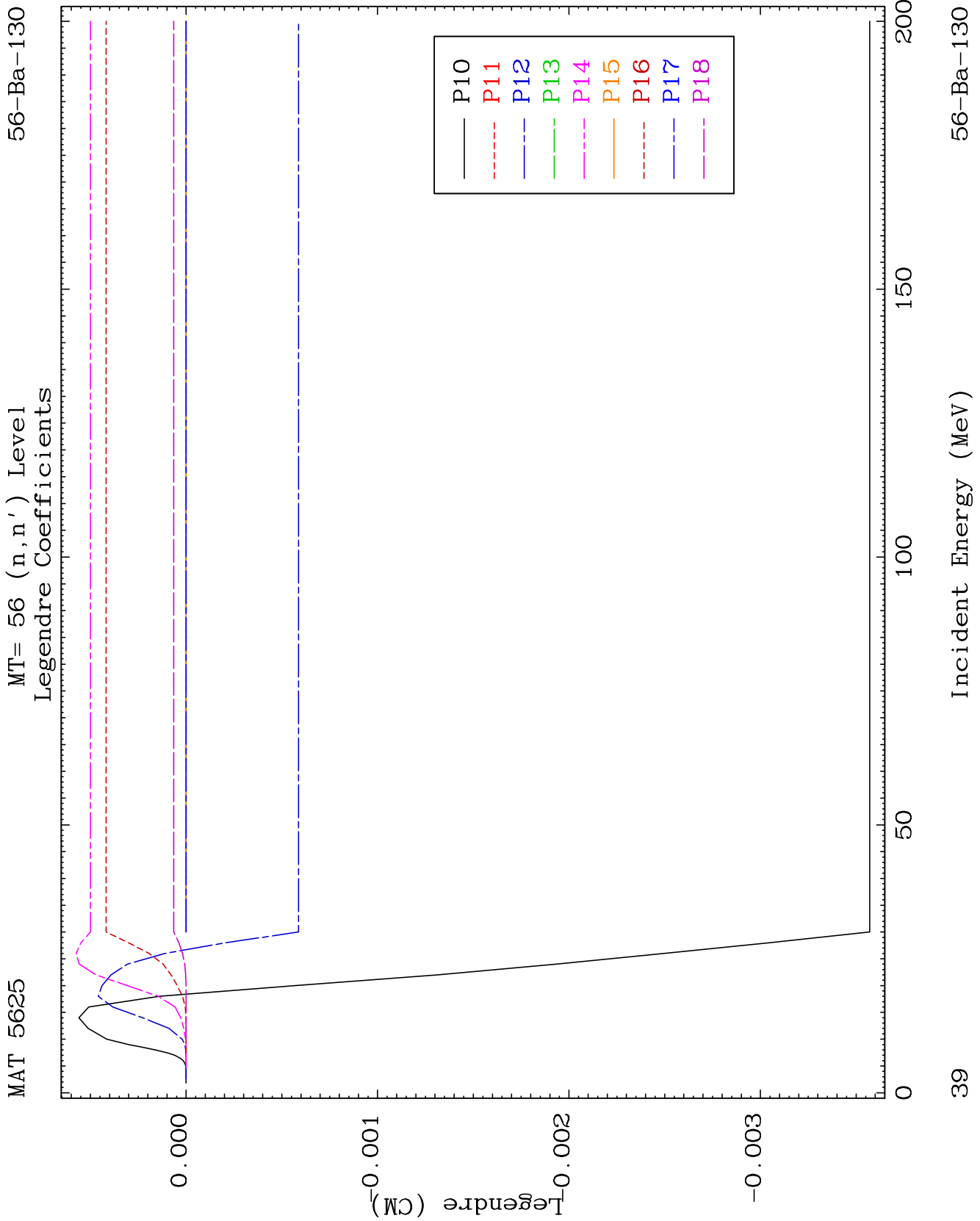


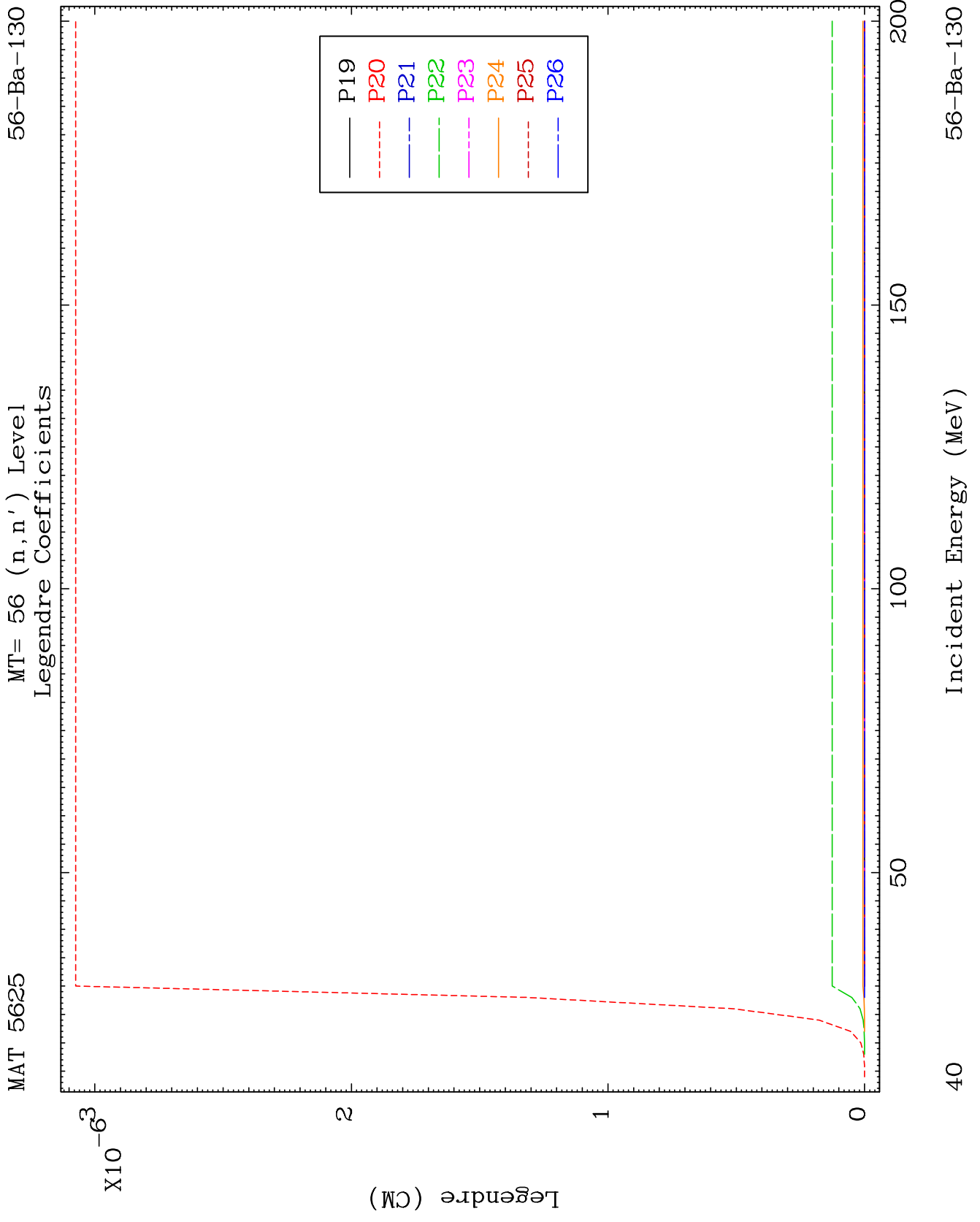
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56-Ba-130





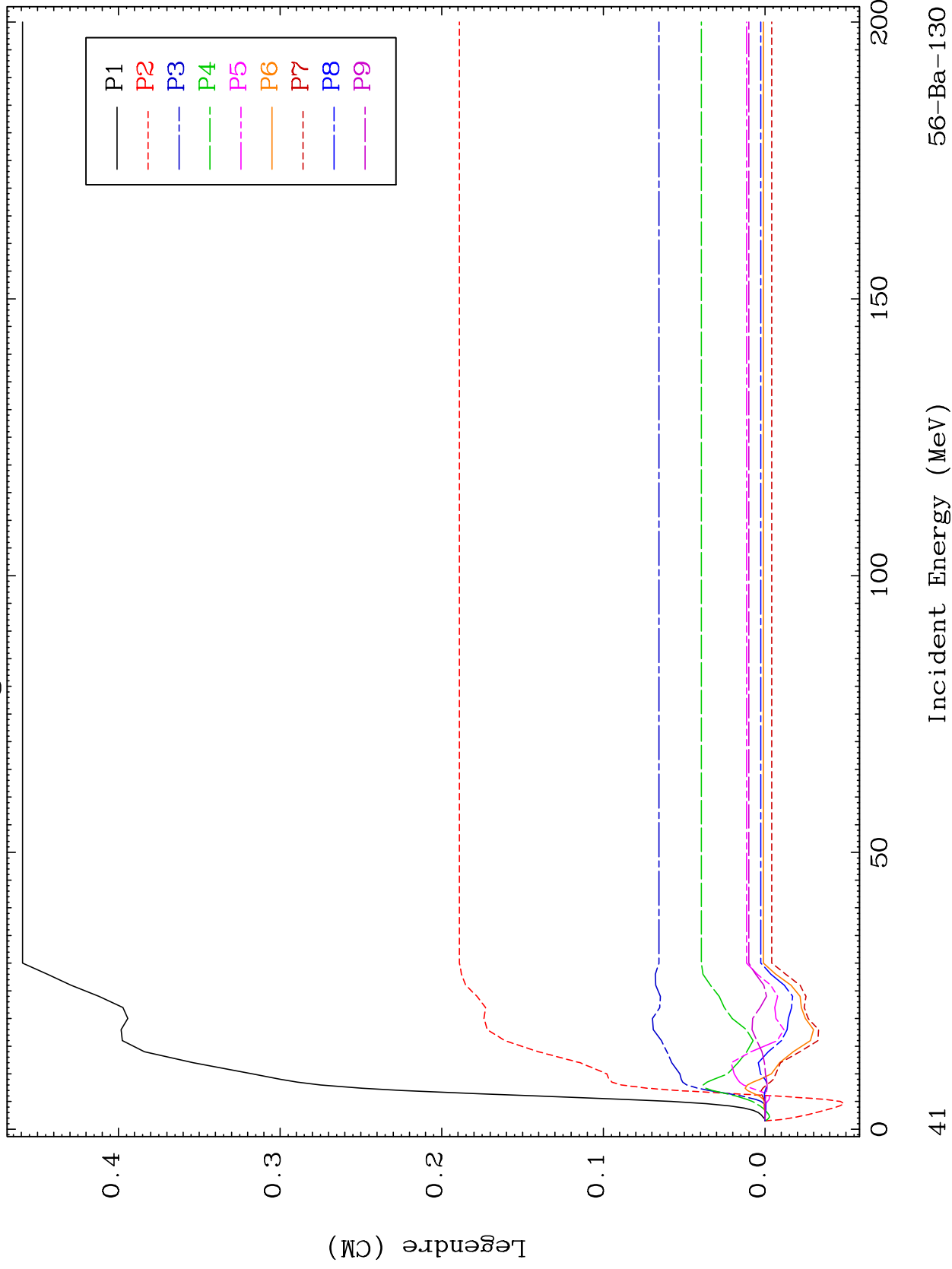




MAT 5625

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

56-Ba-130



41

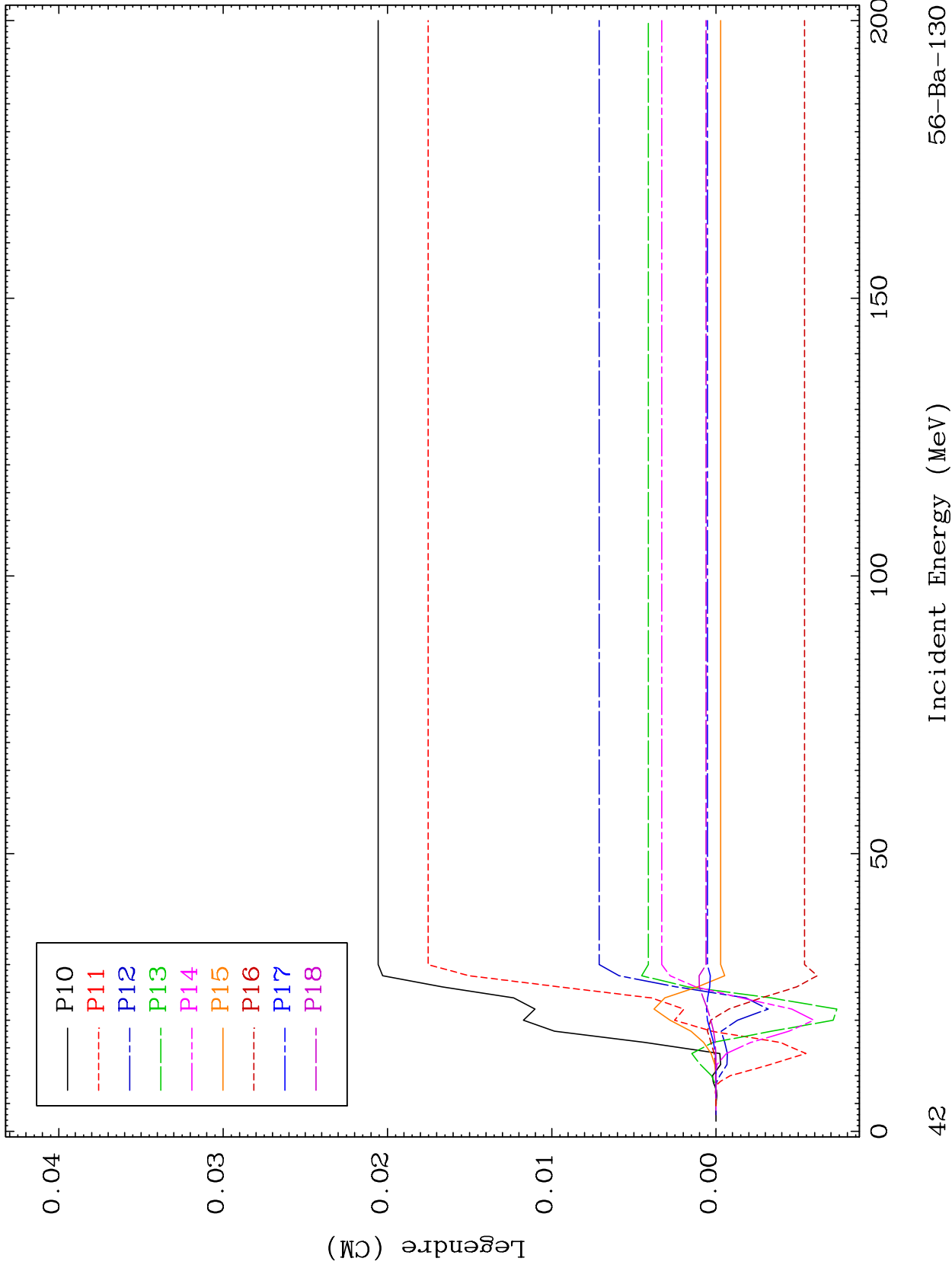
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

56-Ba-130



56-Ba-130

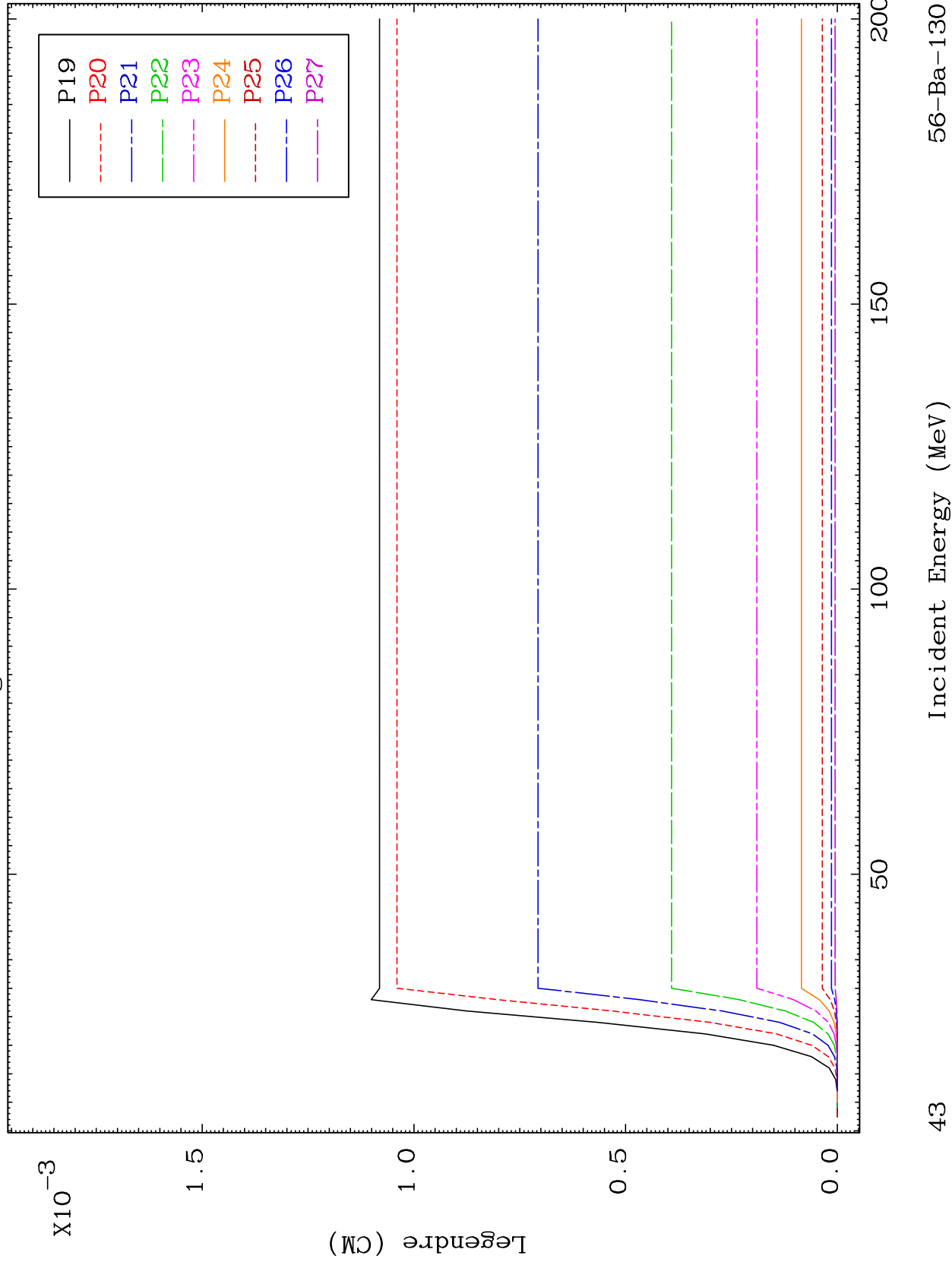
Incident Energy (MeV)

42

MAT 5625

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

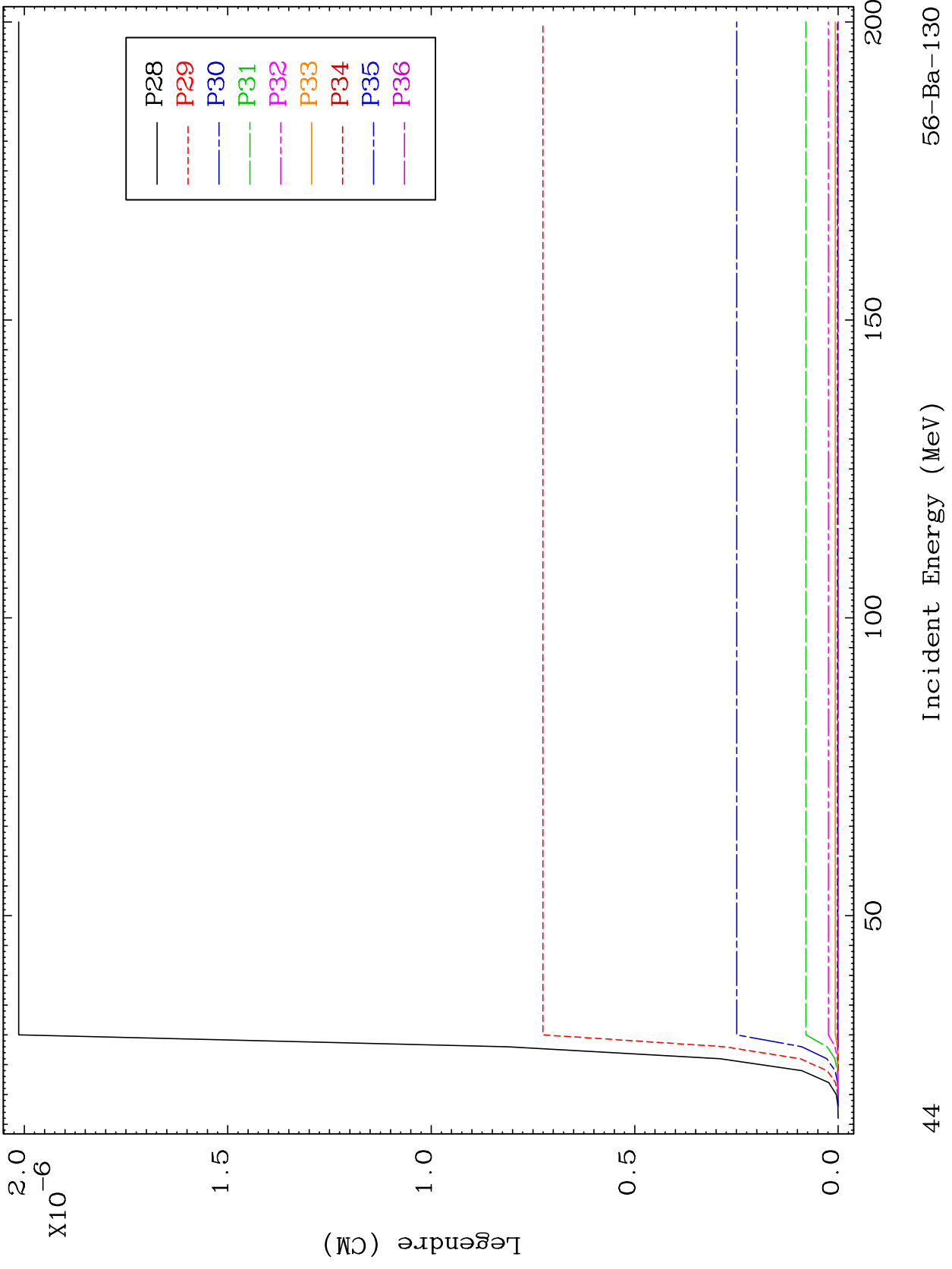
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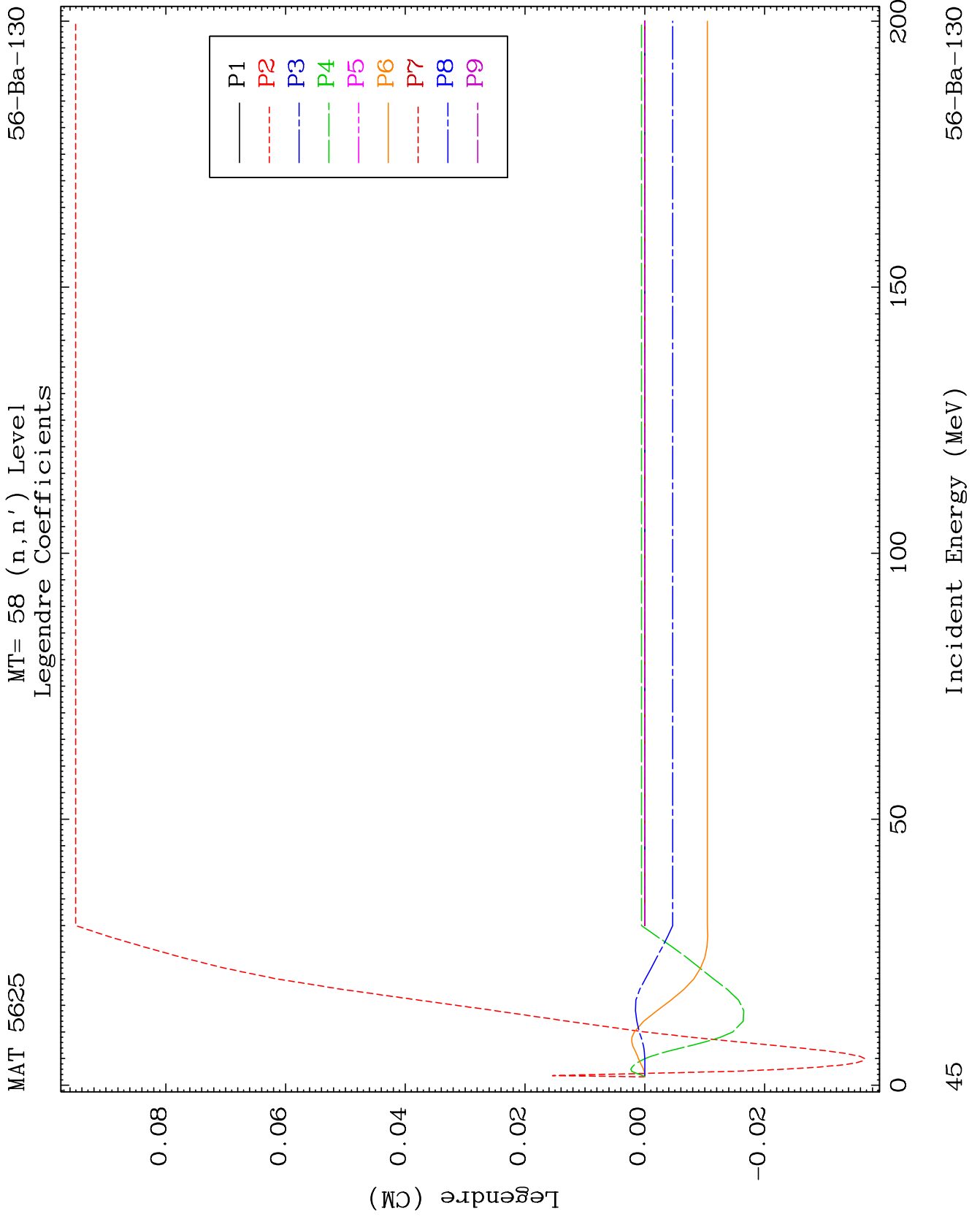


MAT 5625

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

56-Ba-130

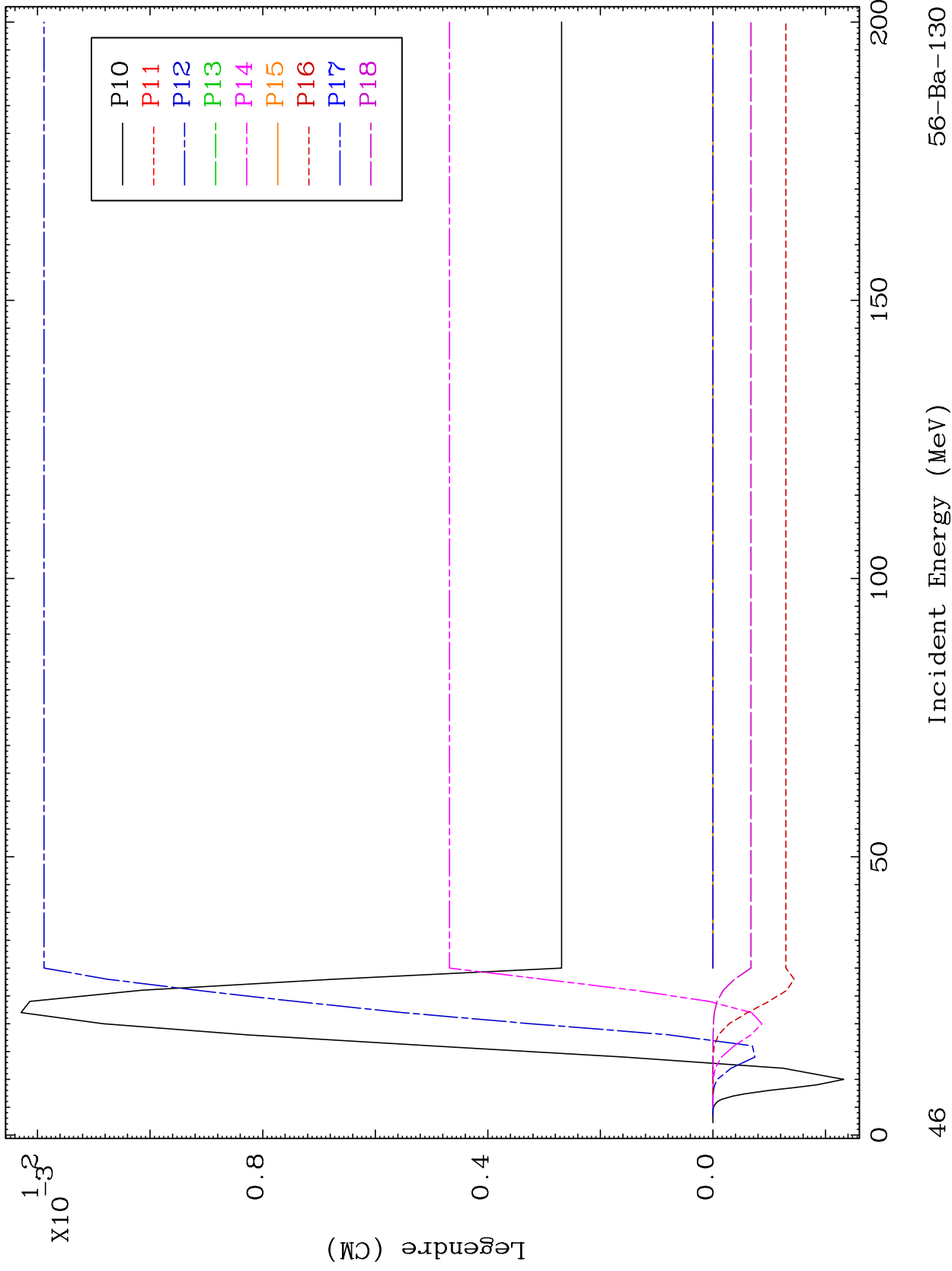


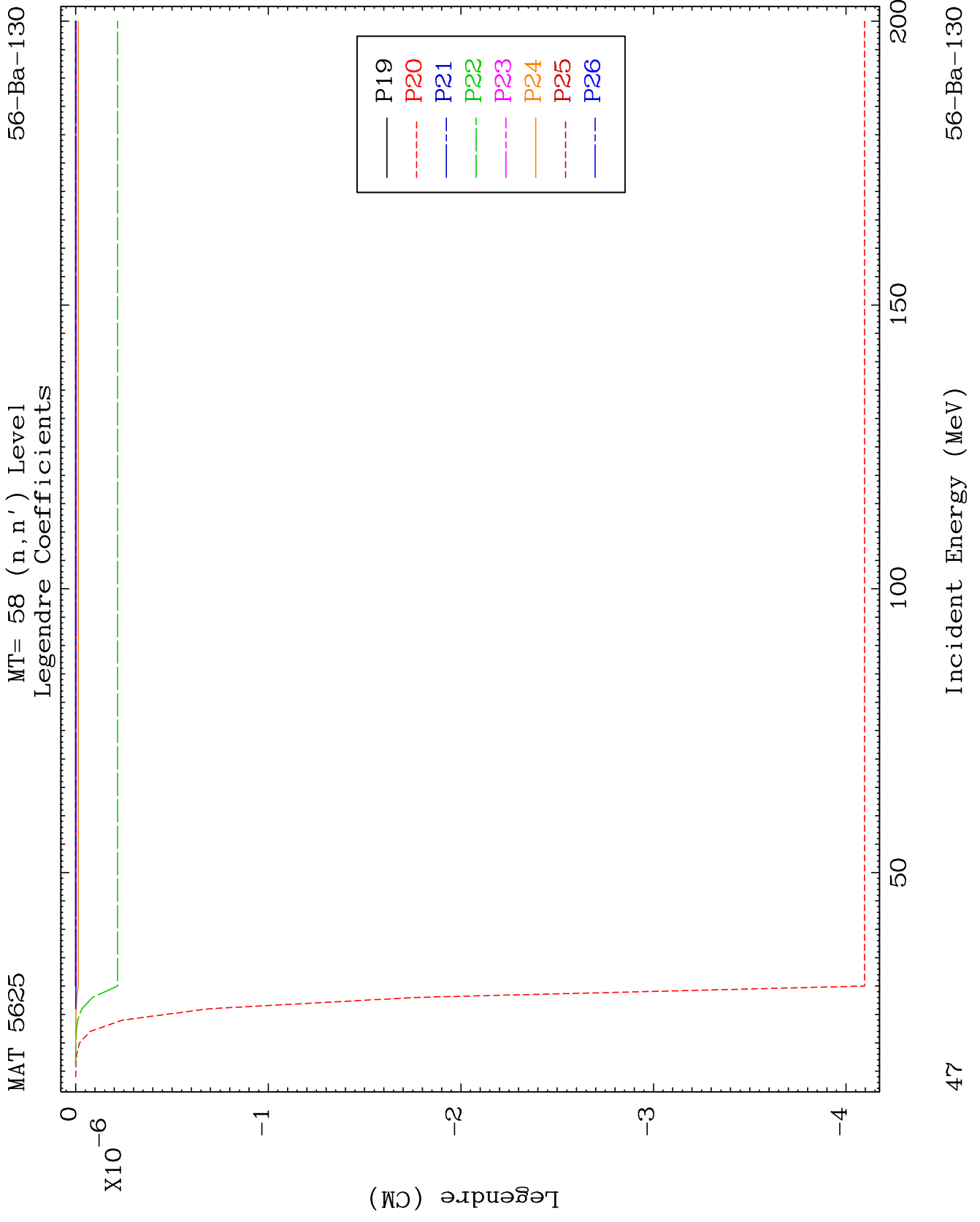


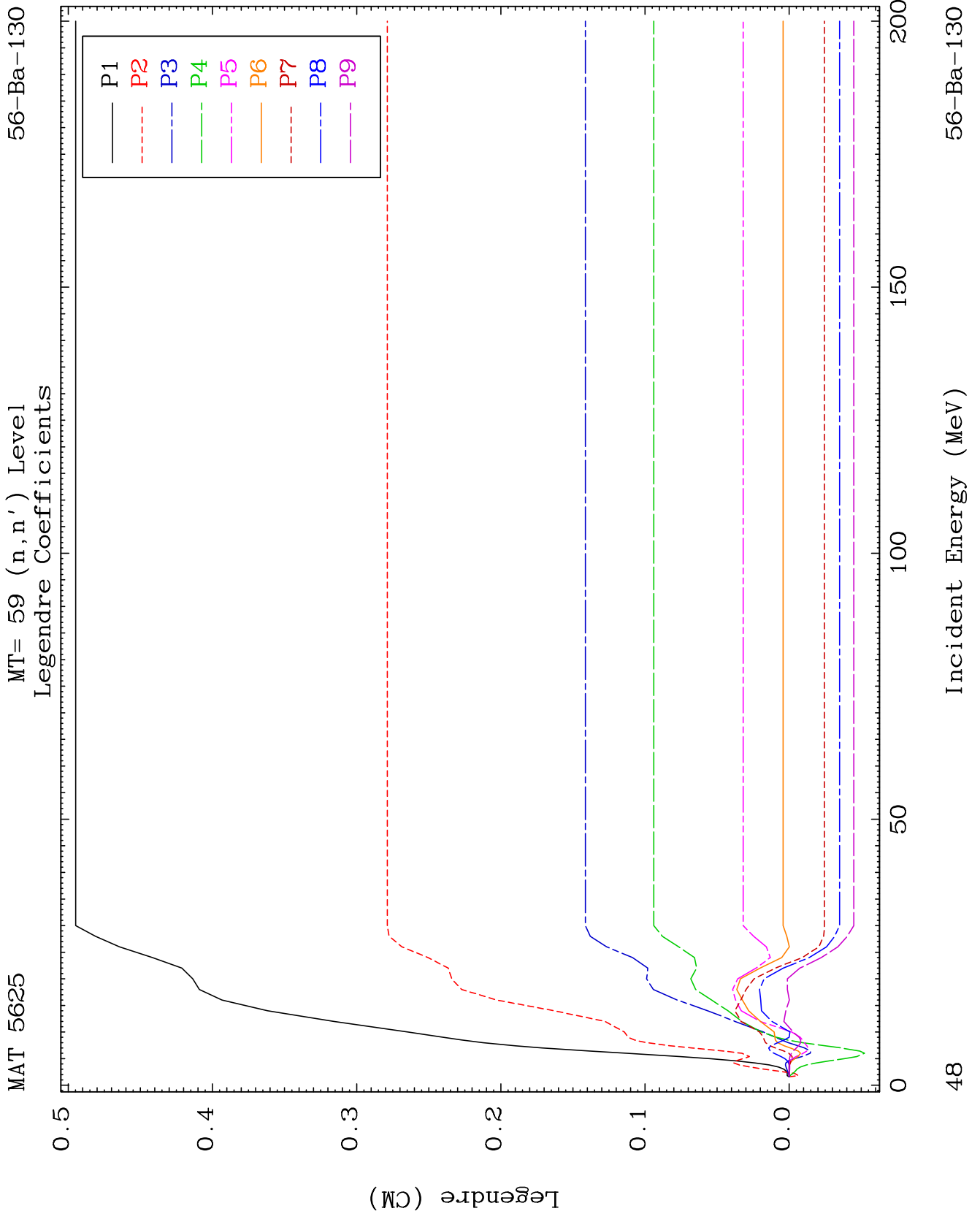
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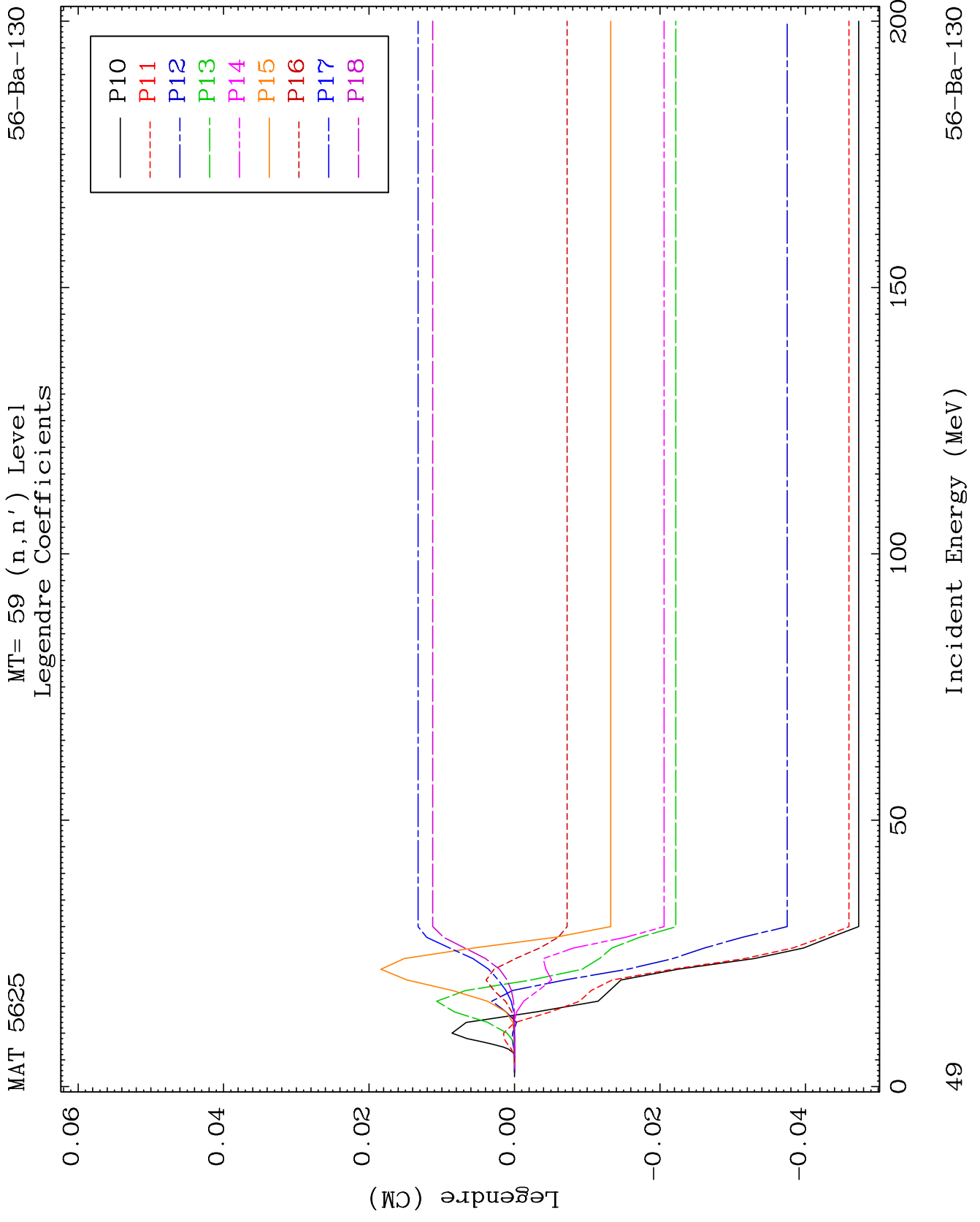
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Legendre Coefficients

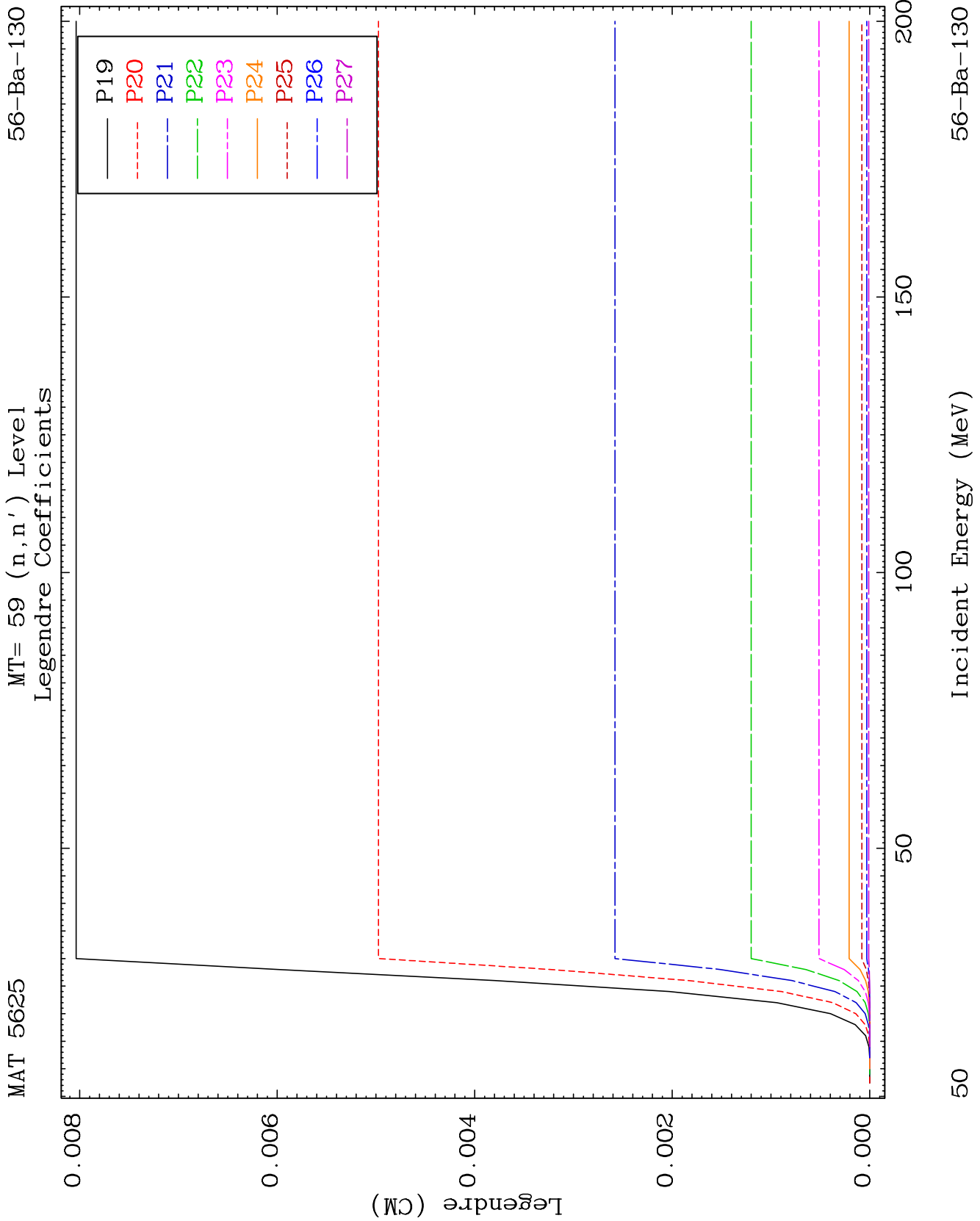
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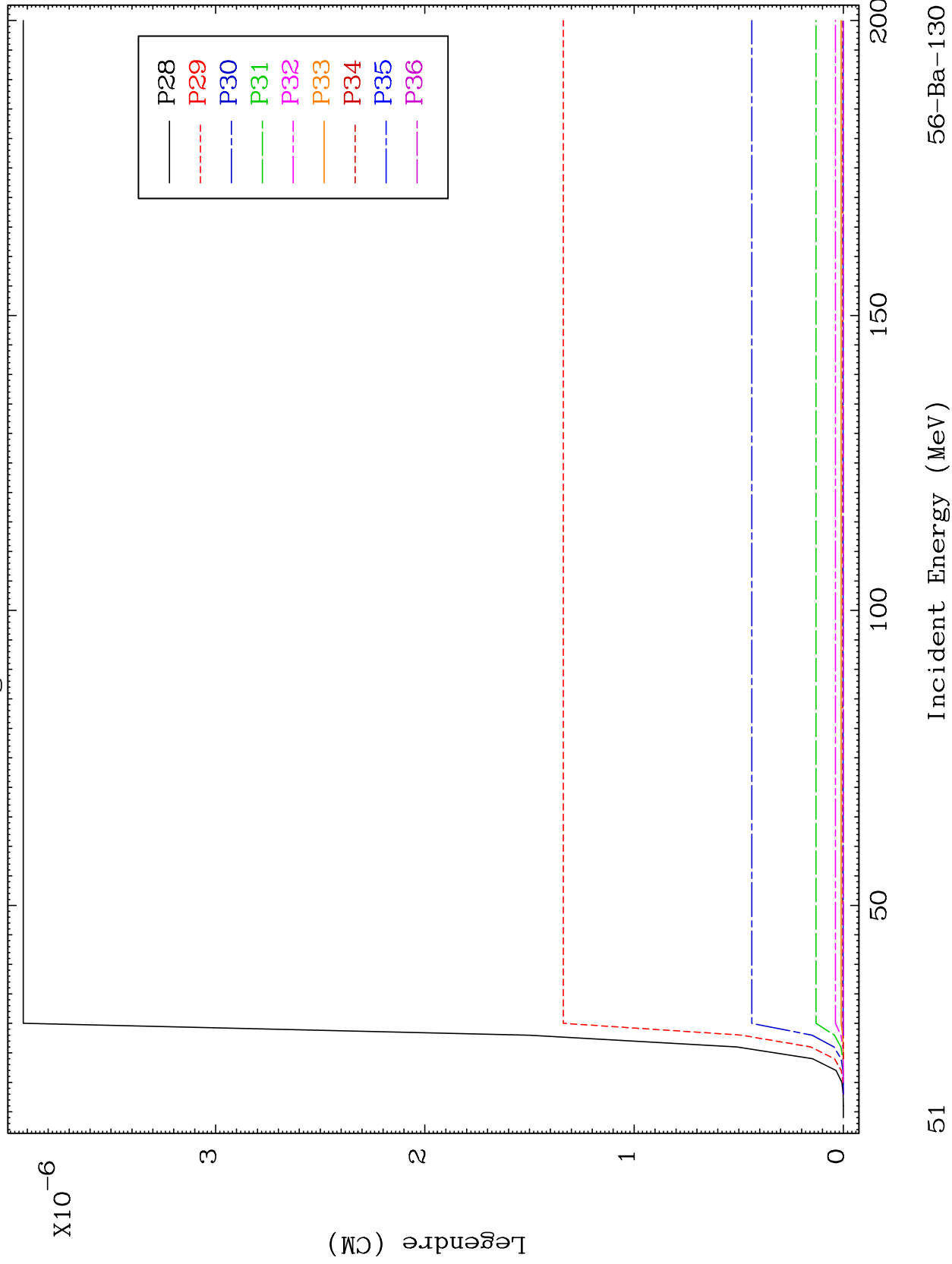




MAT 5625

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

56-Ba-130



51

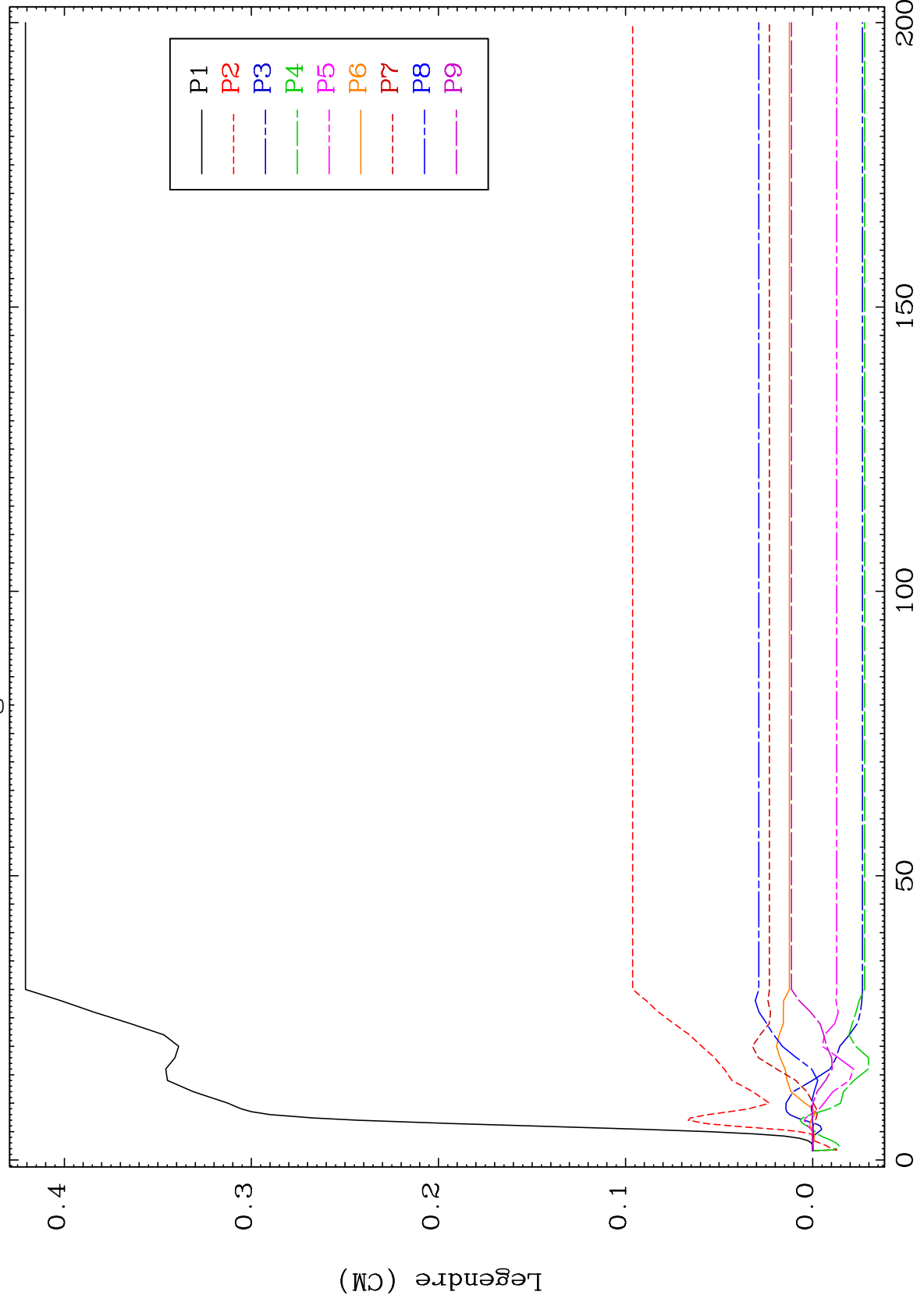
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

56-Ba-130



52

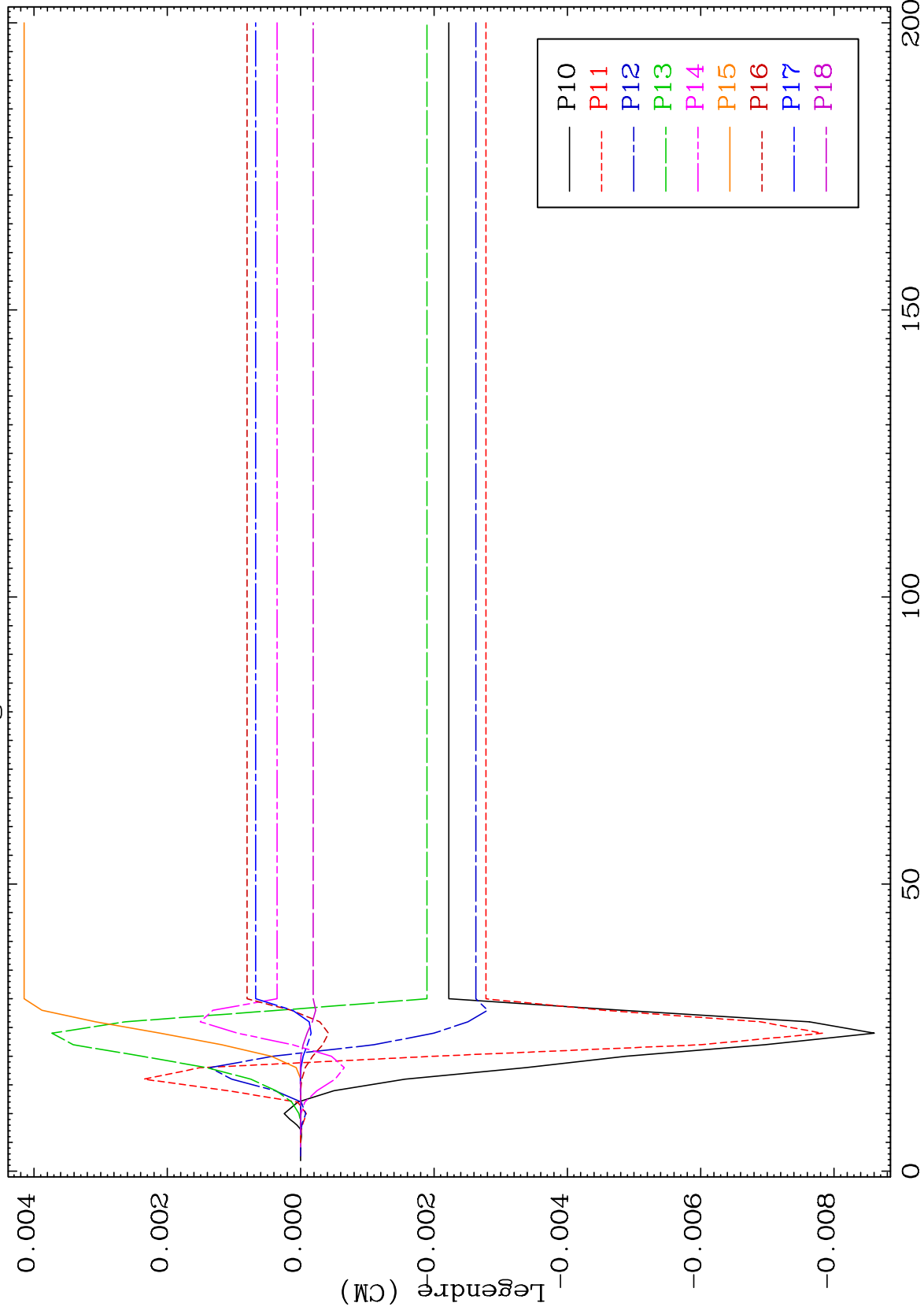
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

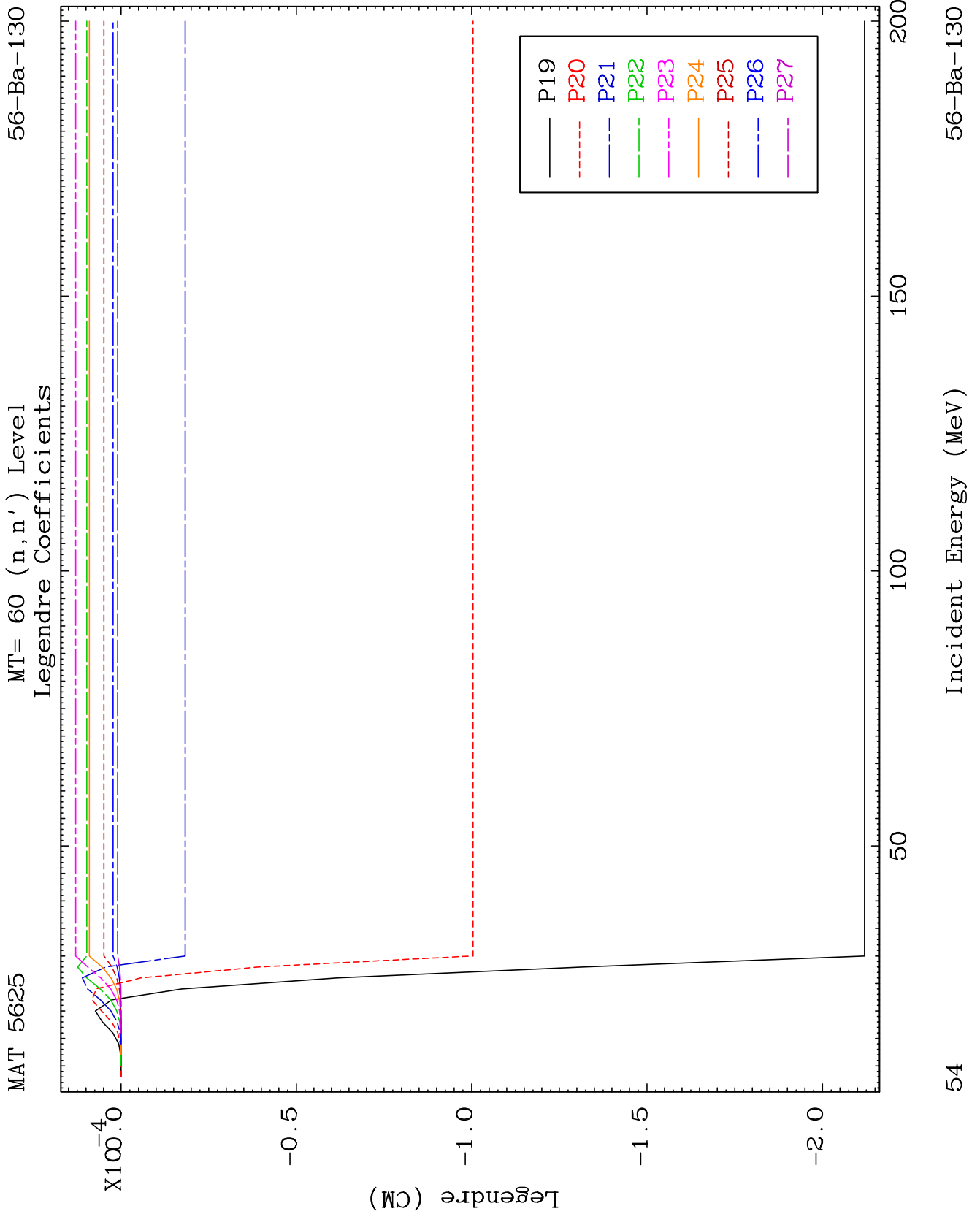
56-Ba-130



53

Incident Energy (MeV)

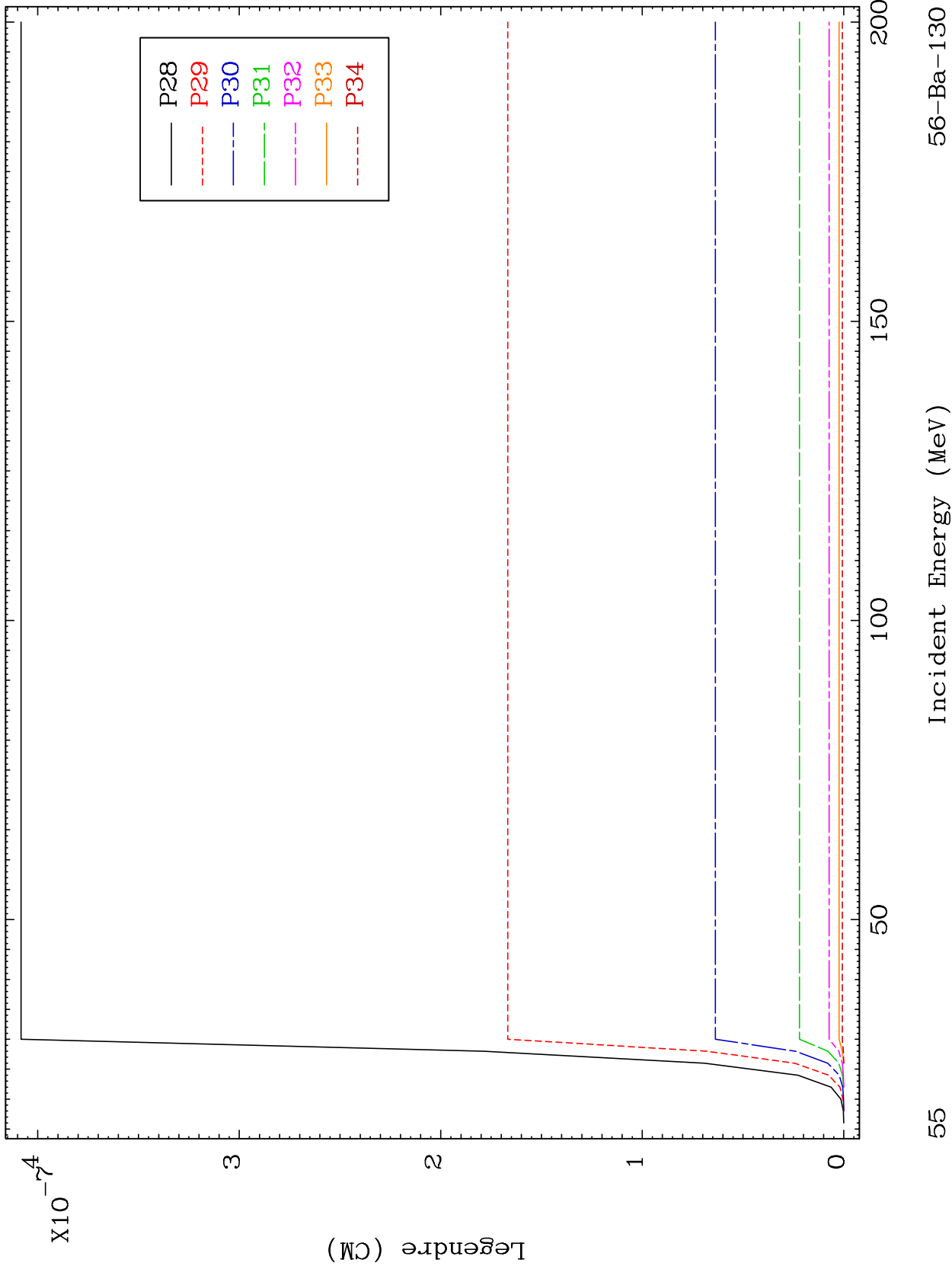
56-Ba-130



MAT 5625

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

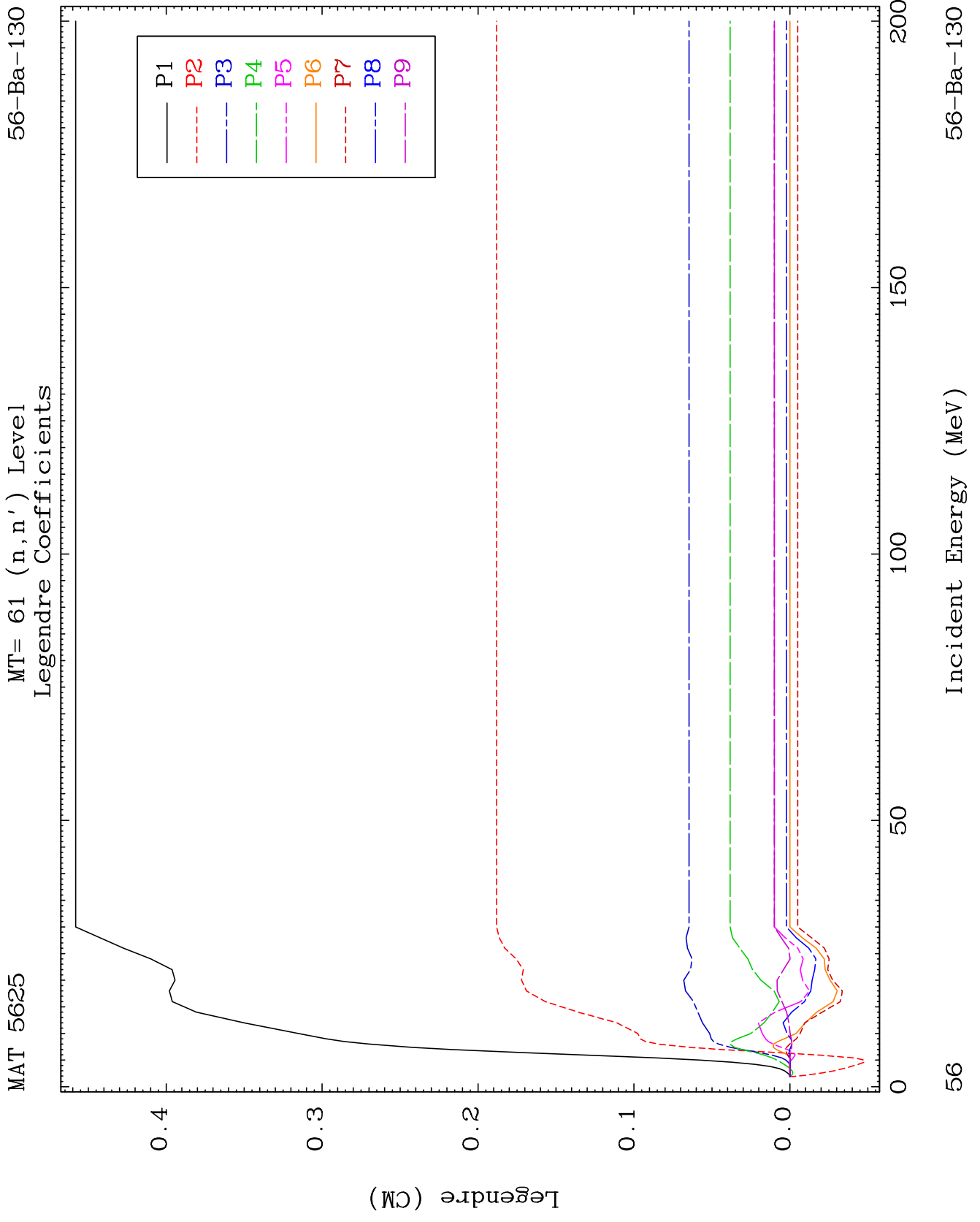
56-Ba-130



55

Incident Energy (MeV)

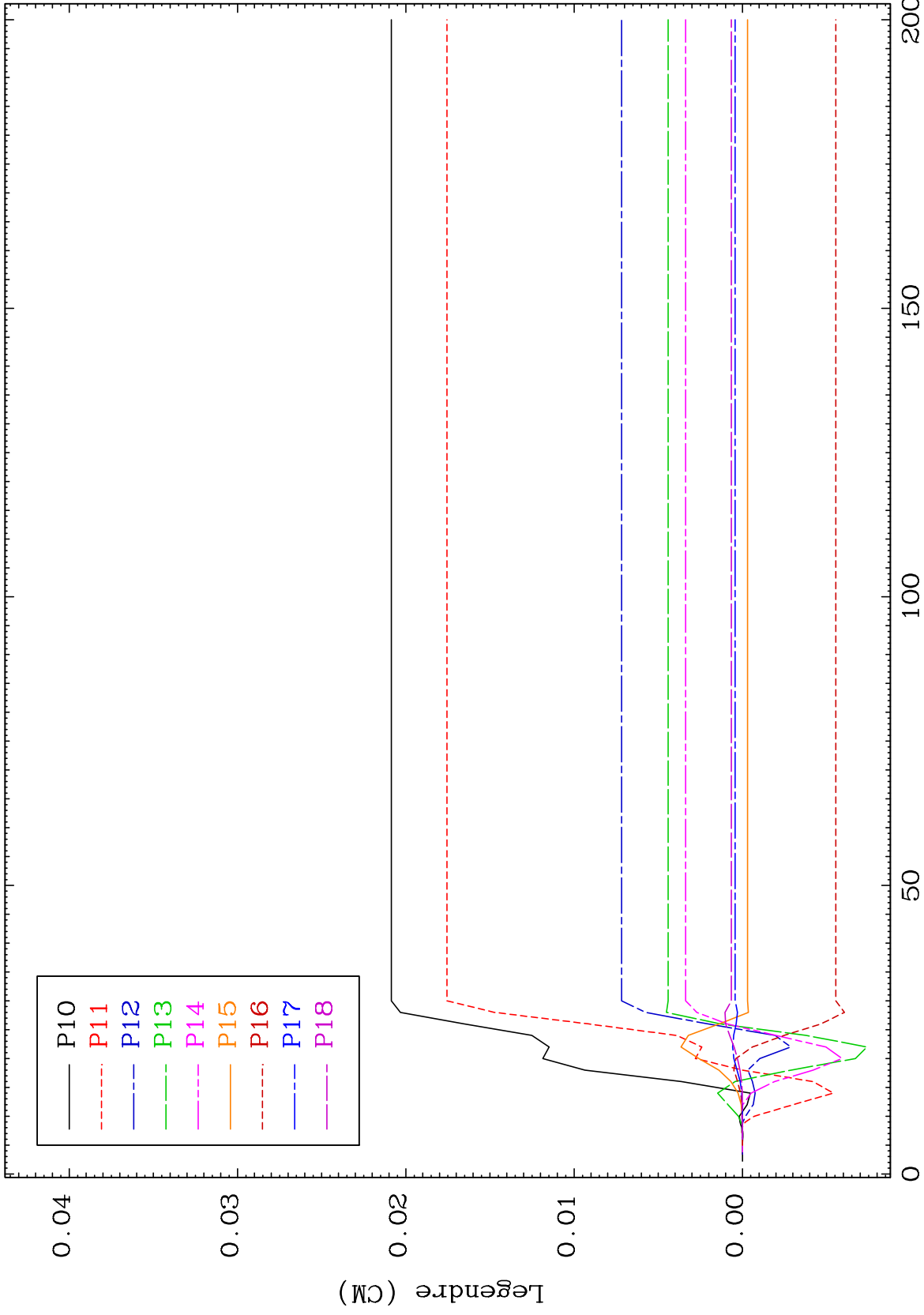
56-Ba-130



MAT 5625

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

56-Ba-130



57

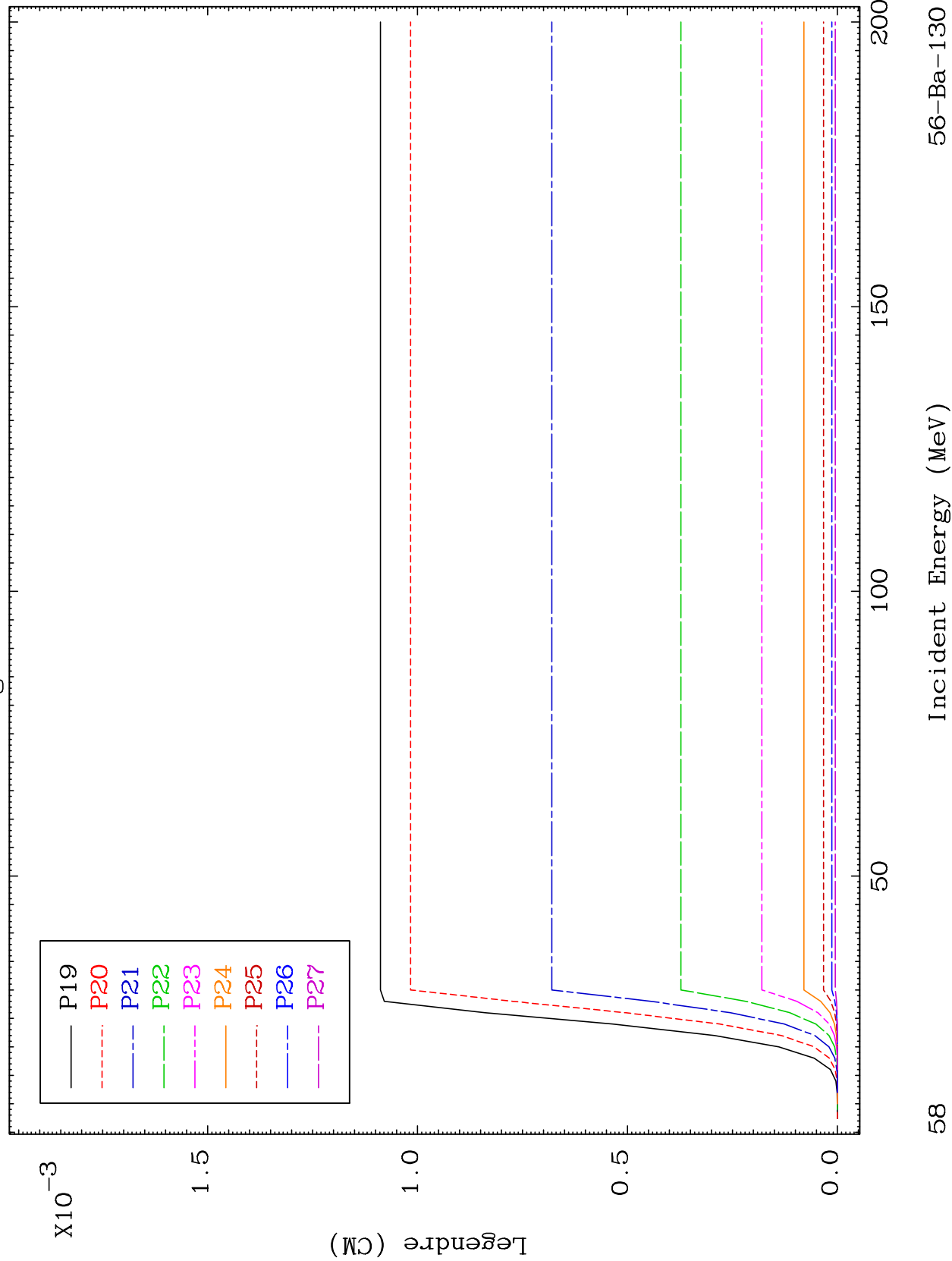
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

56-Ba-130



58

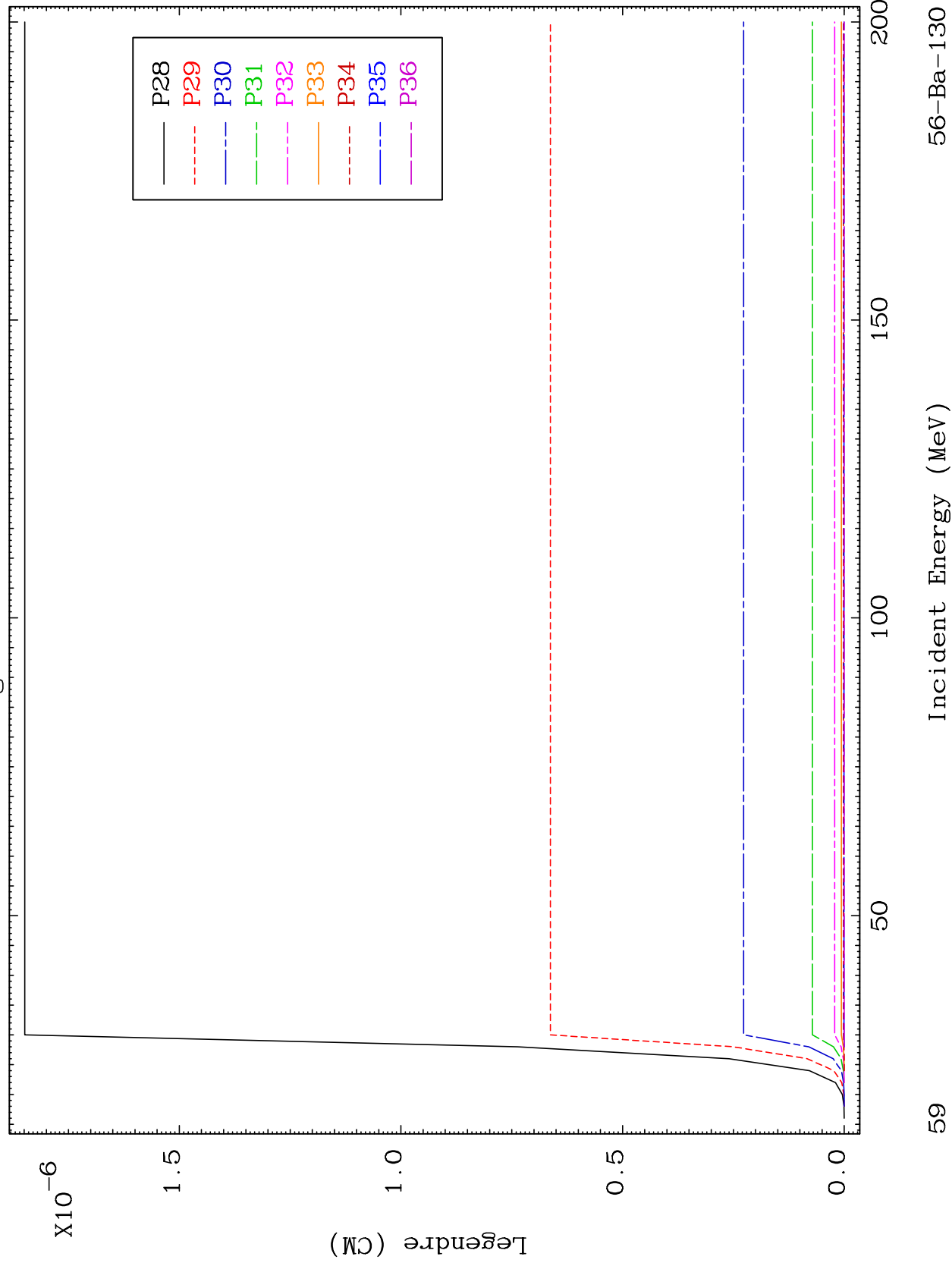
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

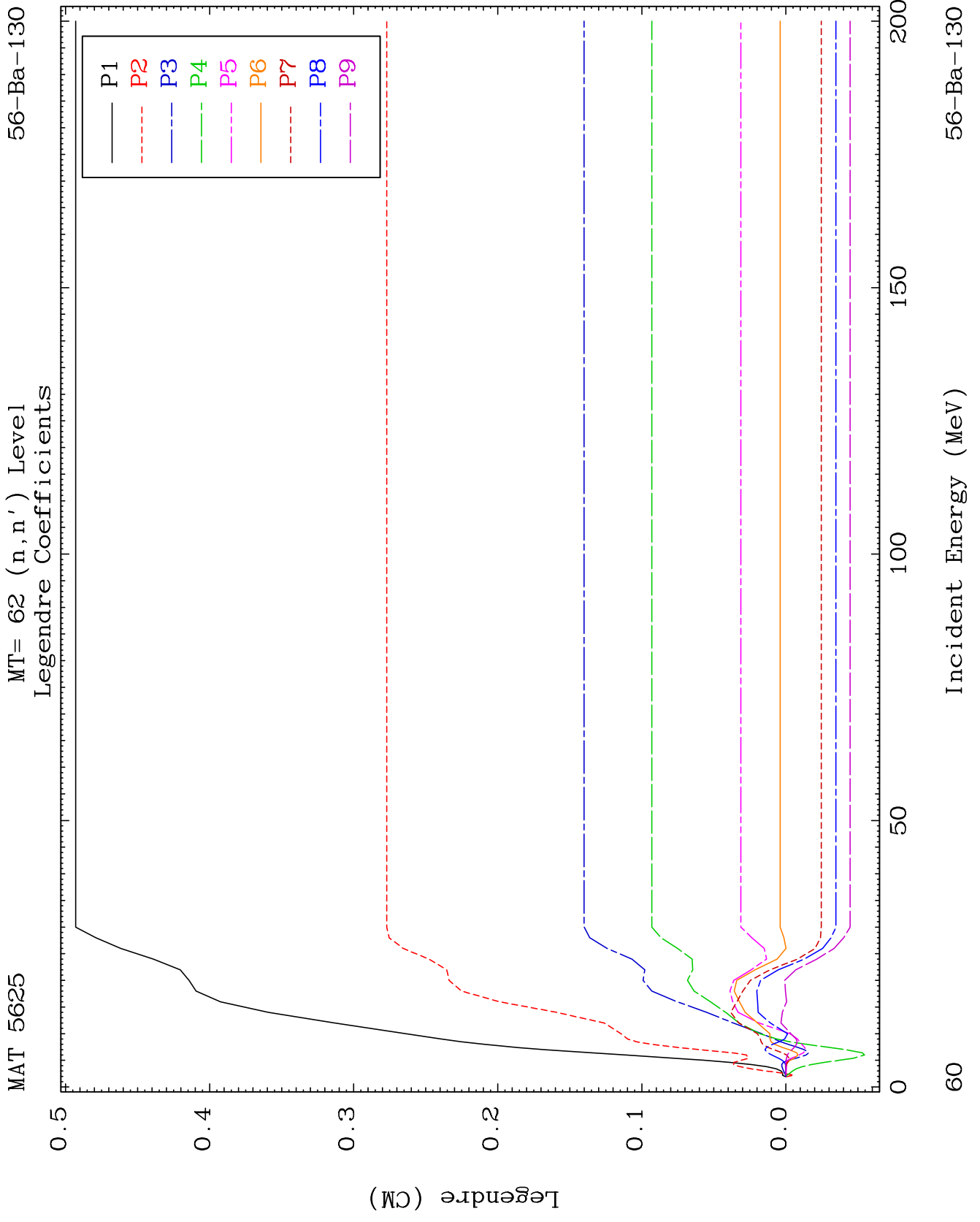
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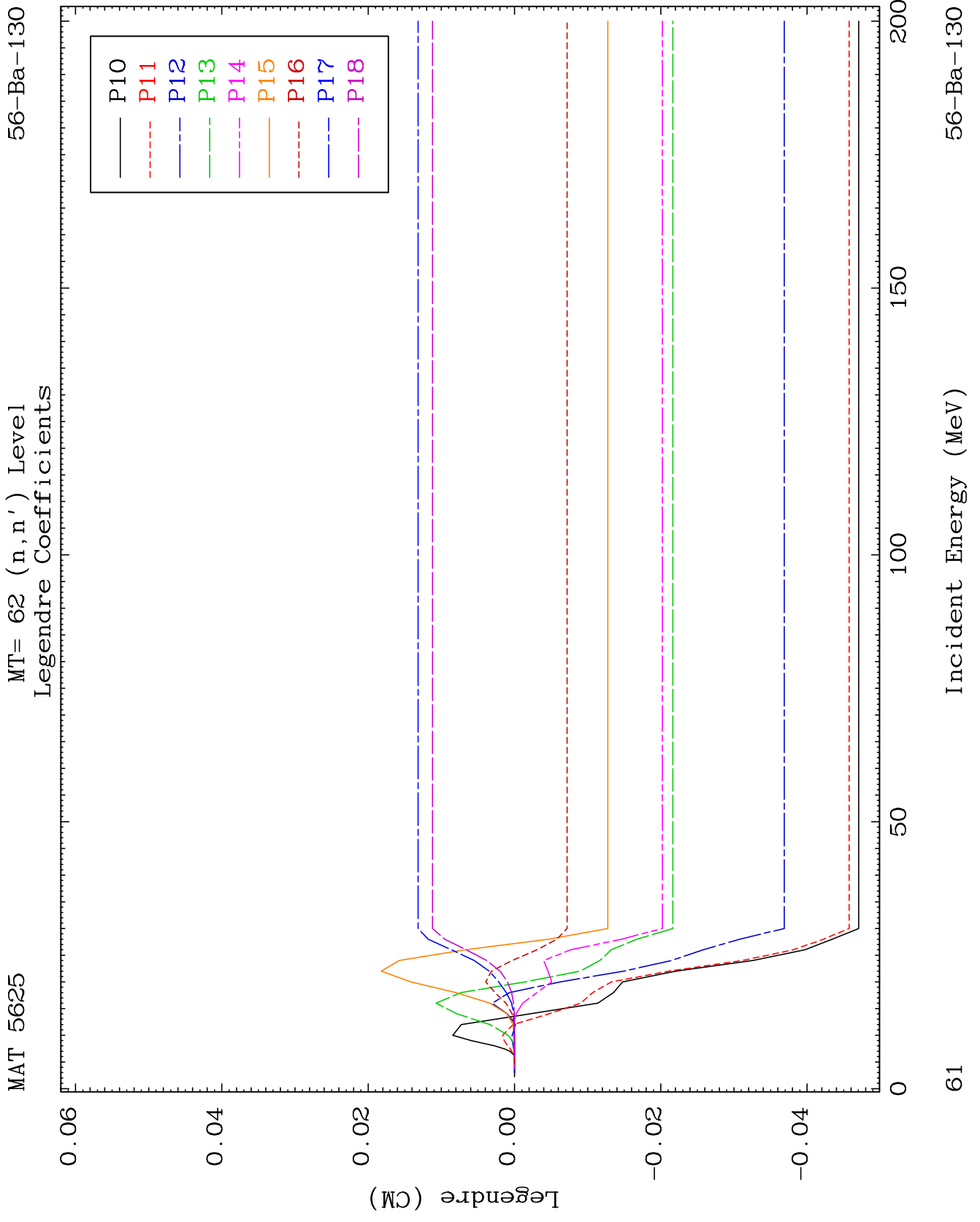


59

Incident Energy (MeV)

56-Ba-130

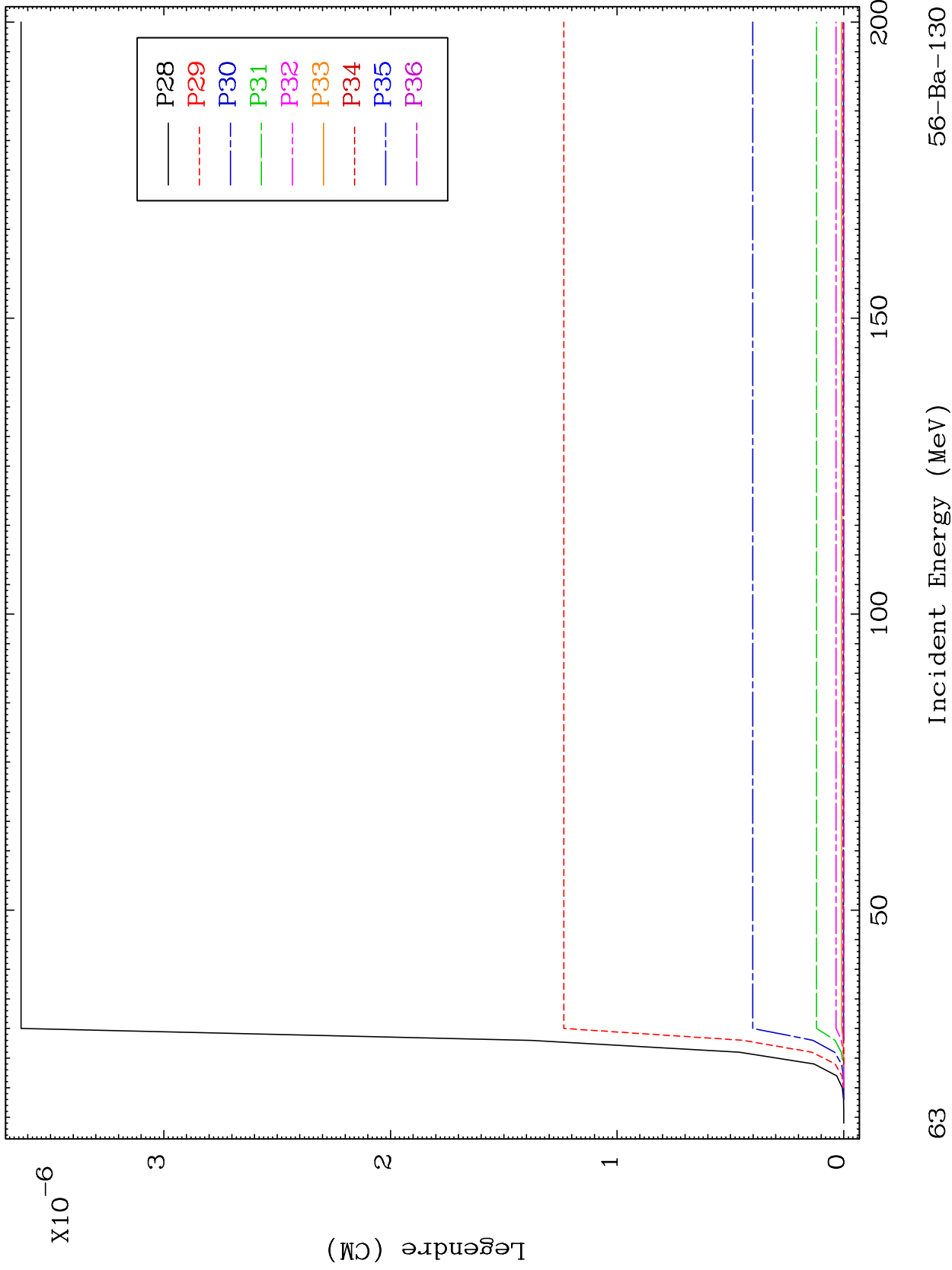




MAT 5625

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

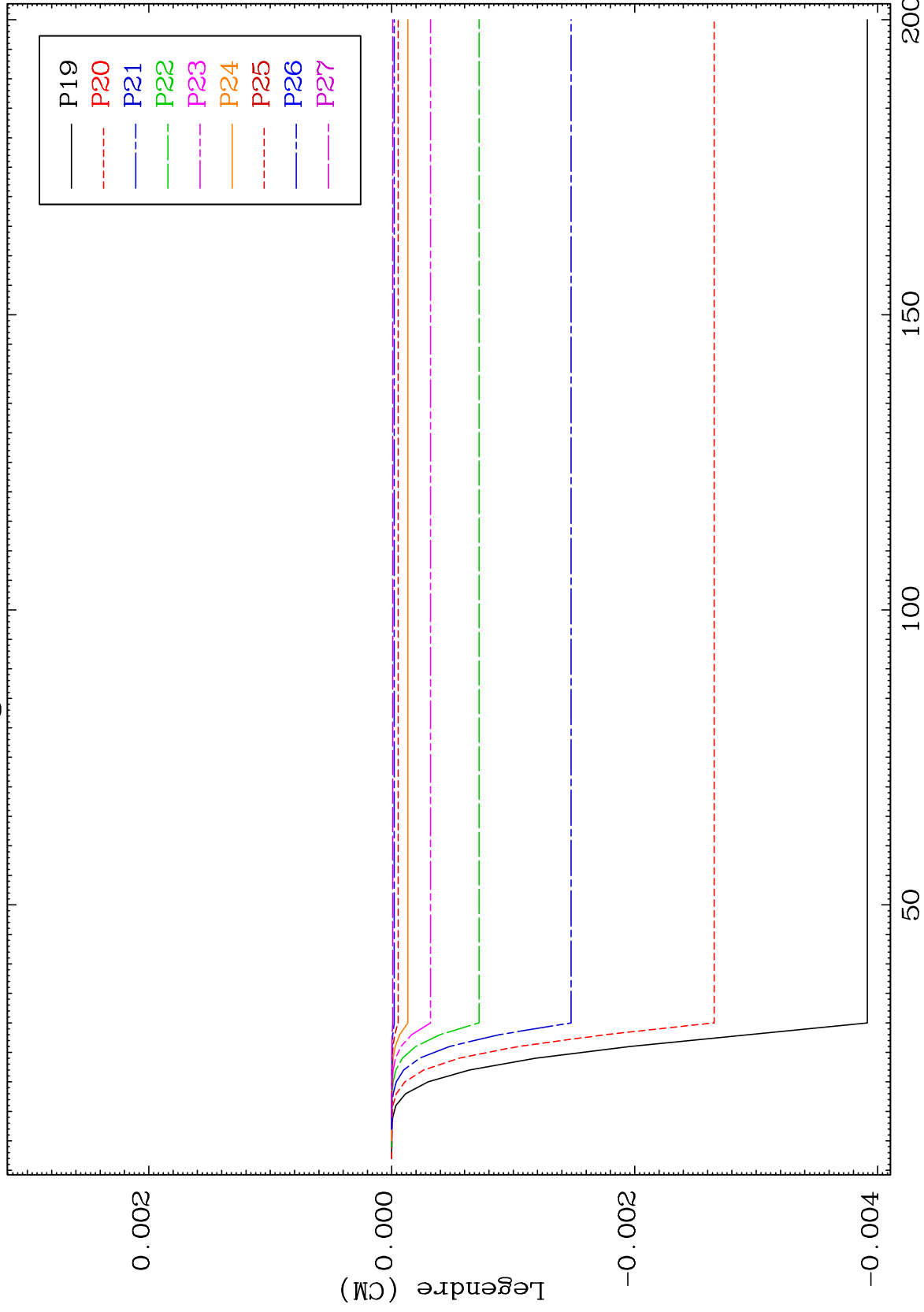
56-Ba-130



MAT 5625

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

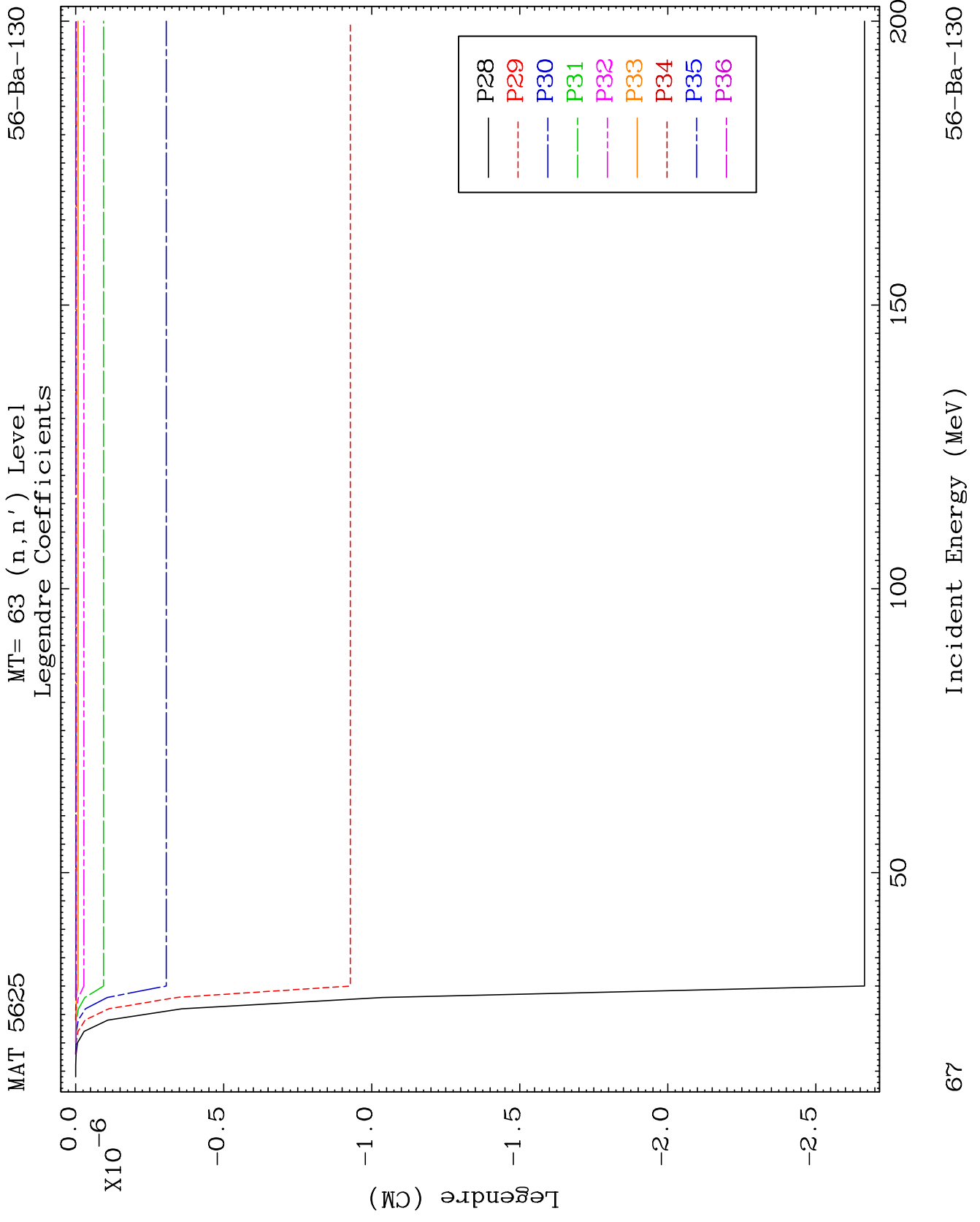
56-Ba-130



66

Incident Energy (MeV)

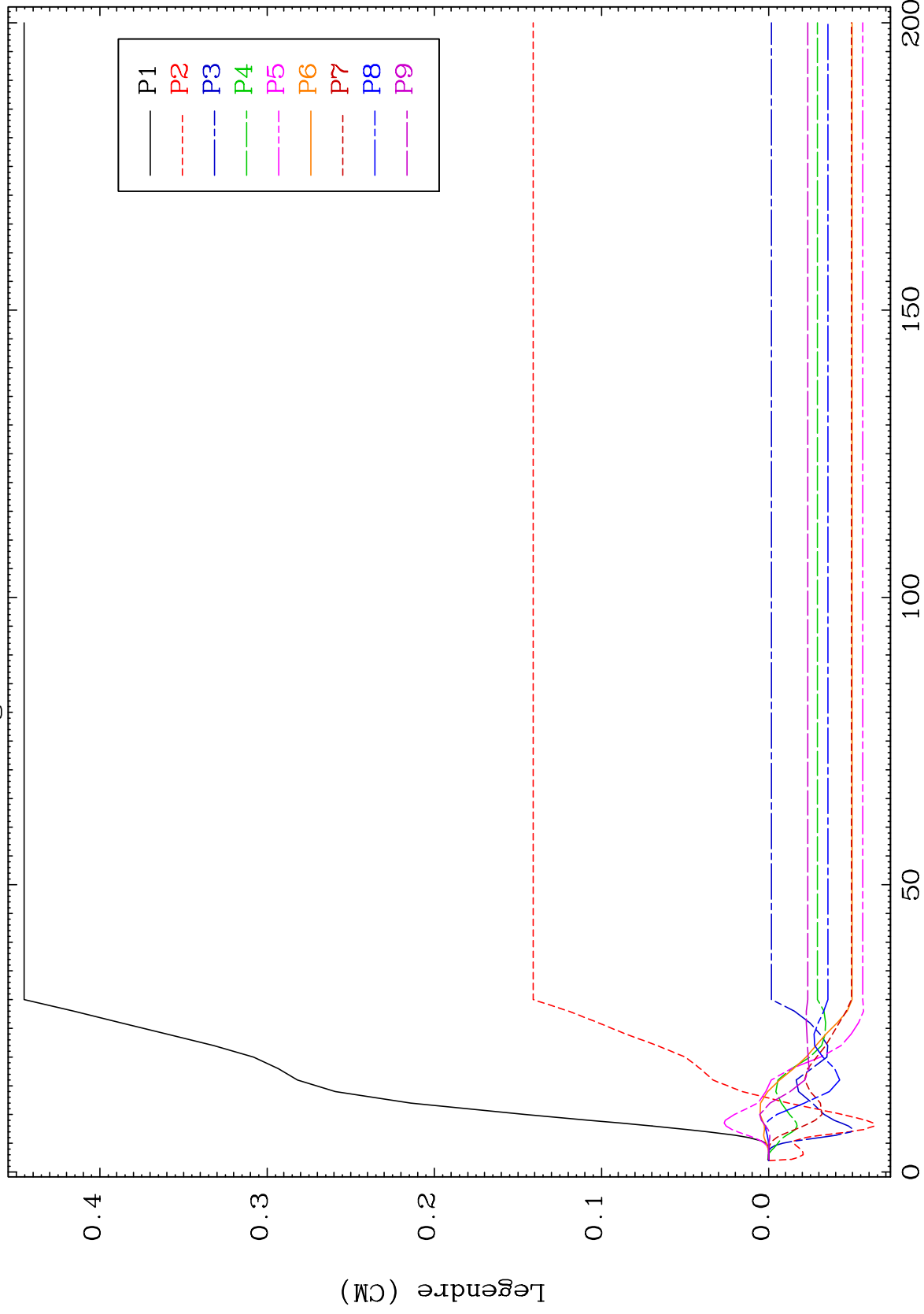
56-Ba-130



MAT 5625

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

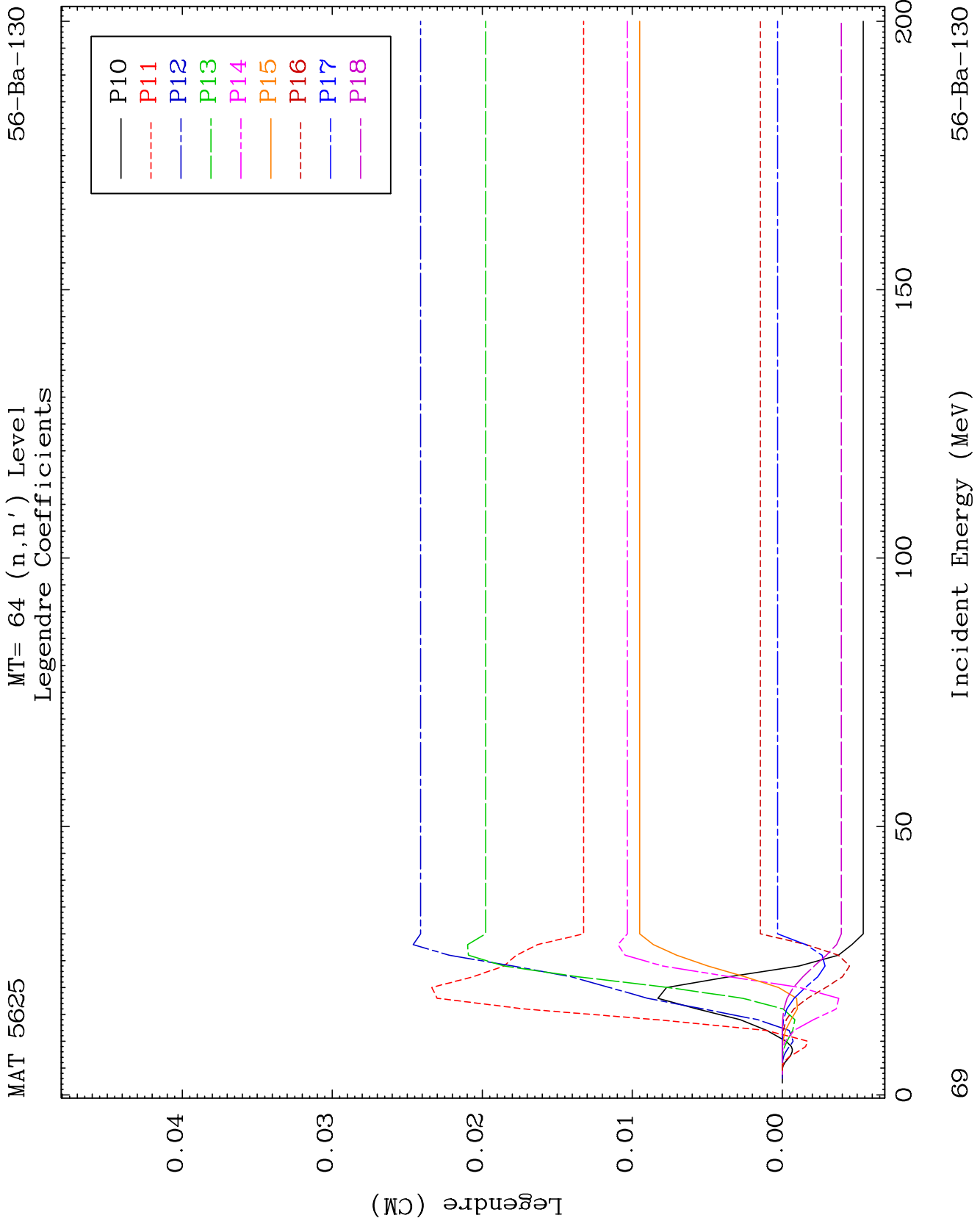
56-Ba-130



56-Ba-130

Incident Energy (MeV)

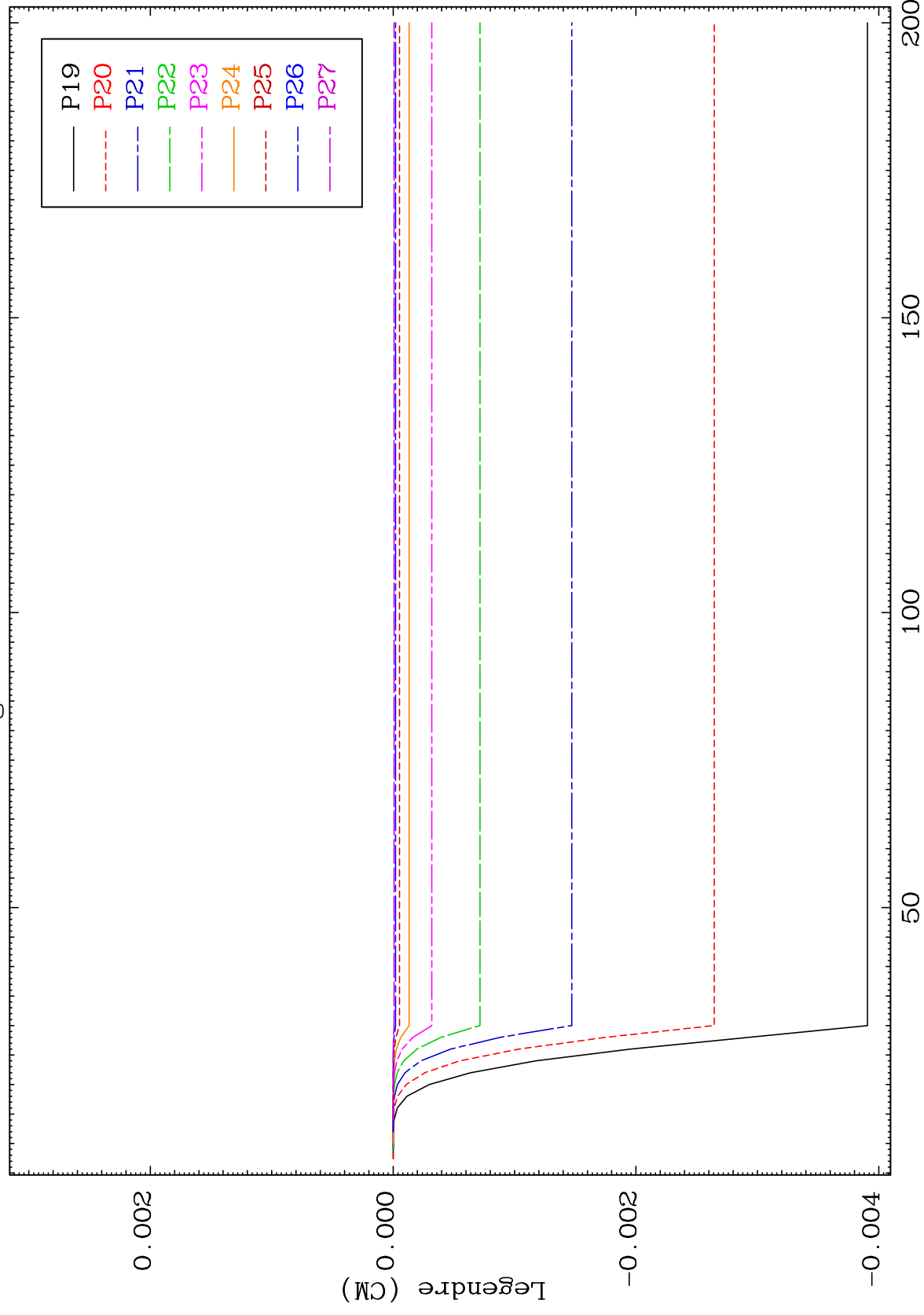
68



MAT 5625

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

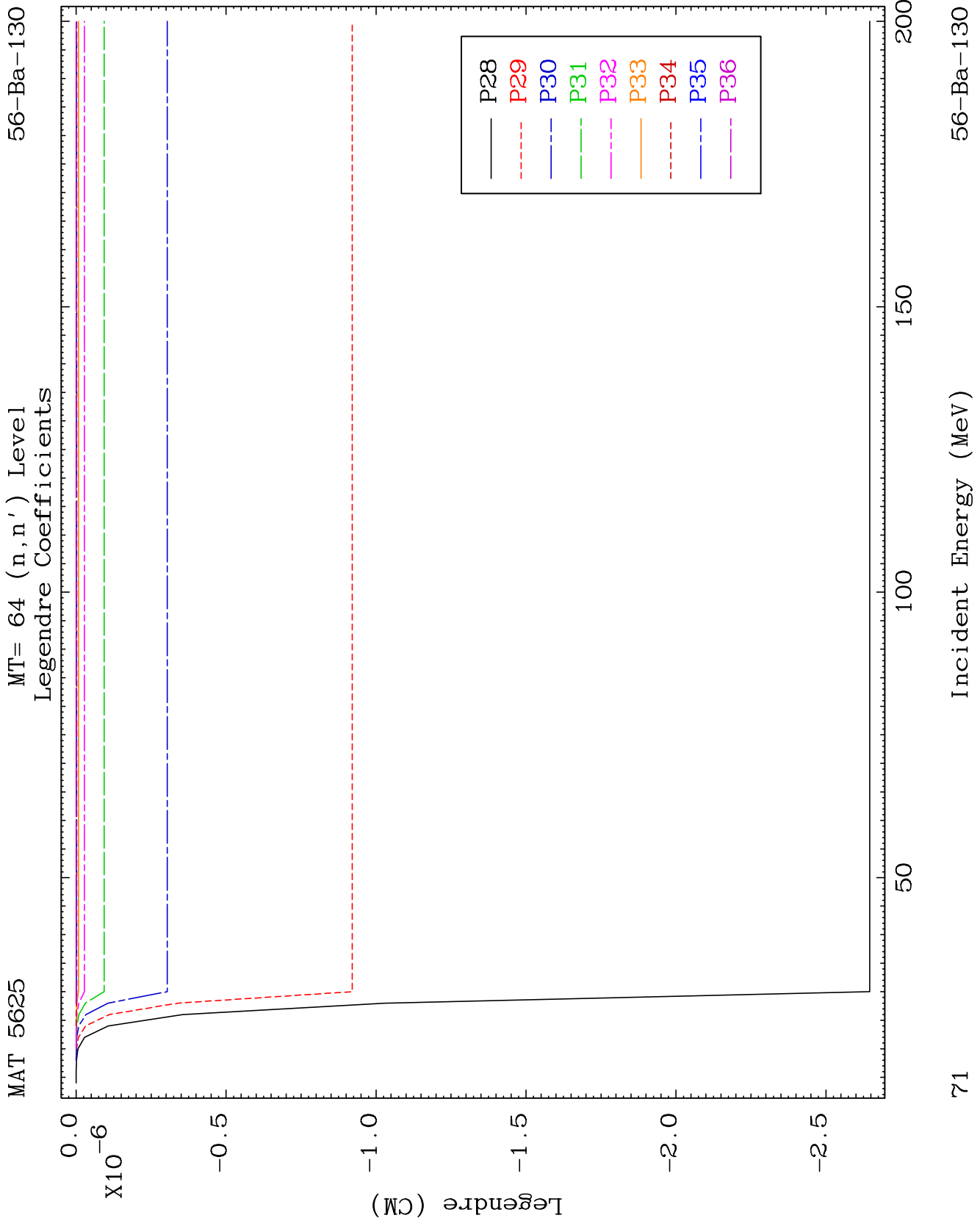
56-Ba-130

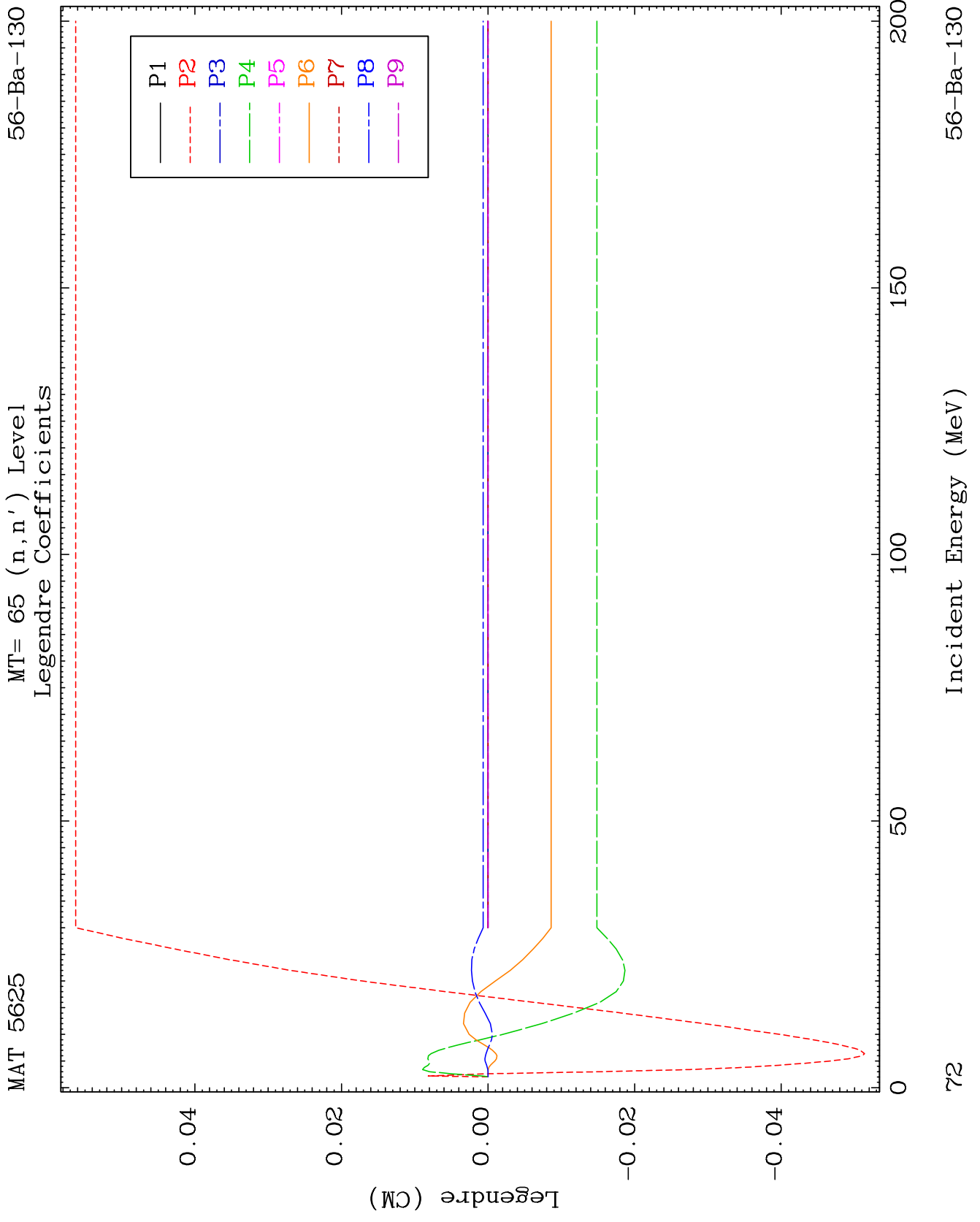


70

Incident Energy (MeV)

56-Ba-130

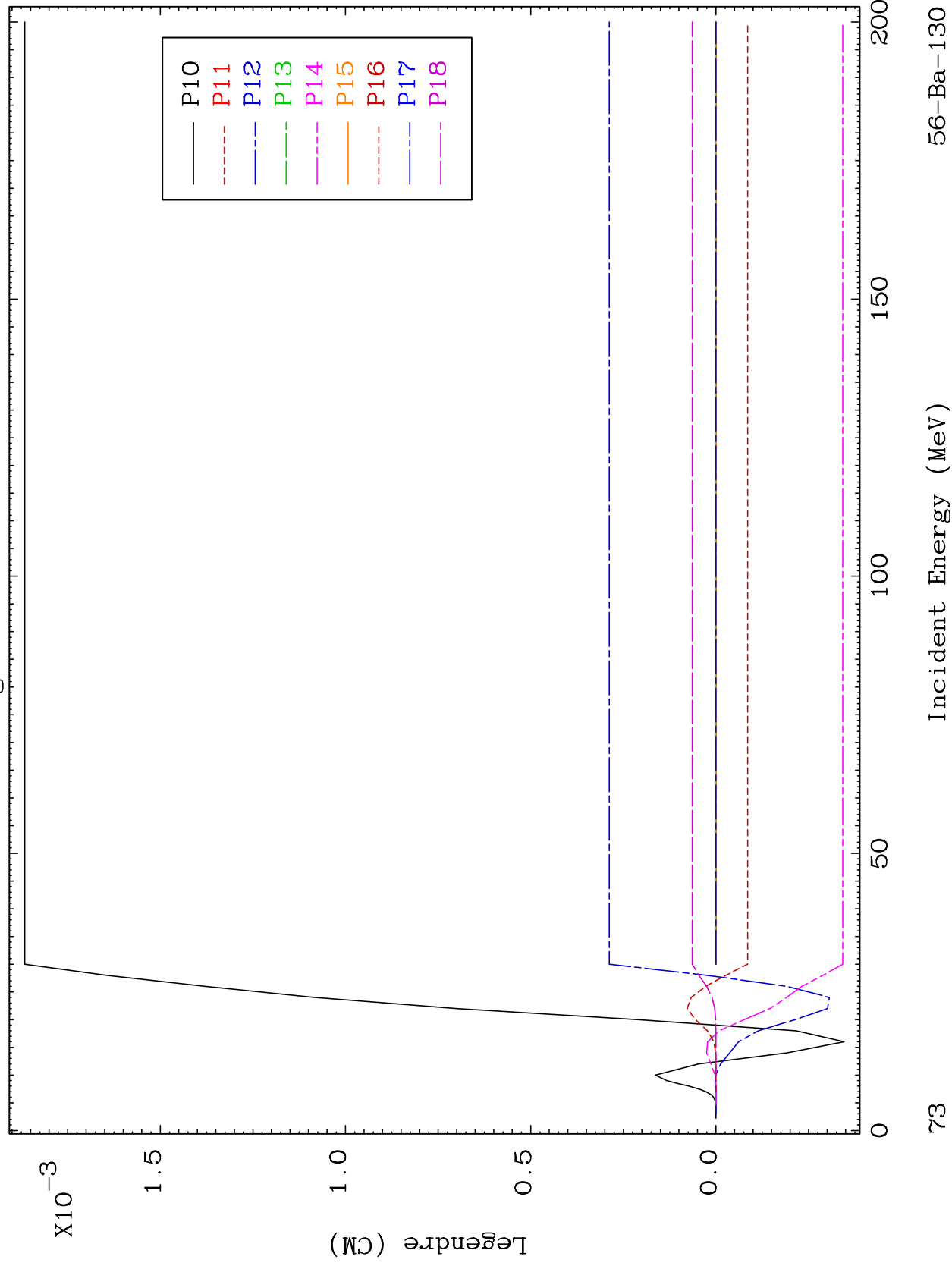




MAT 5625

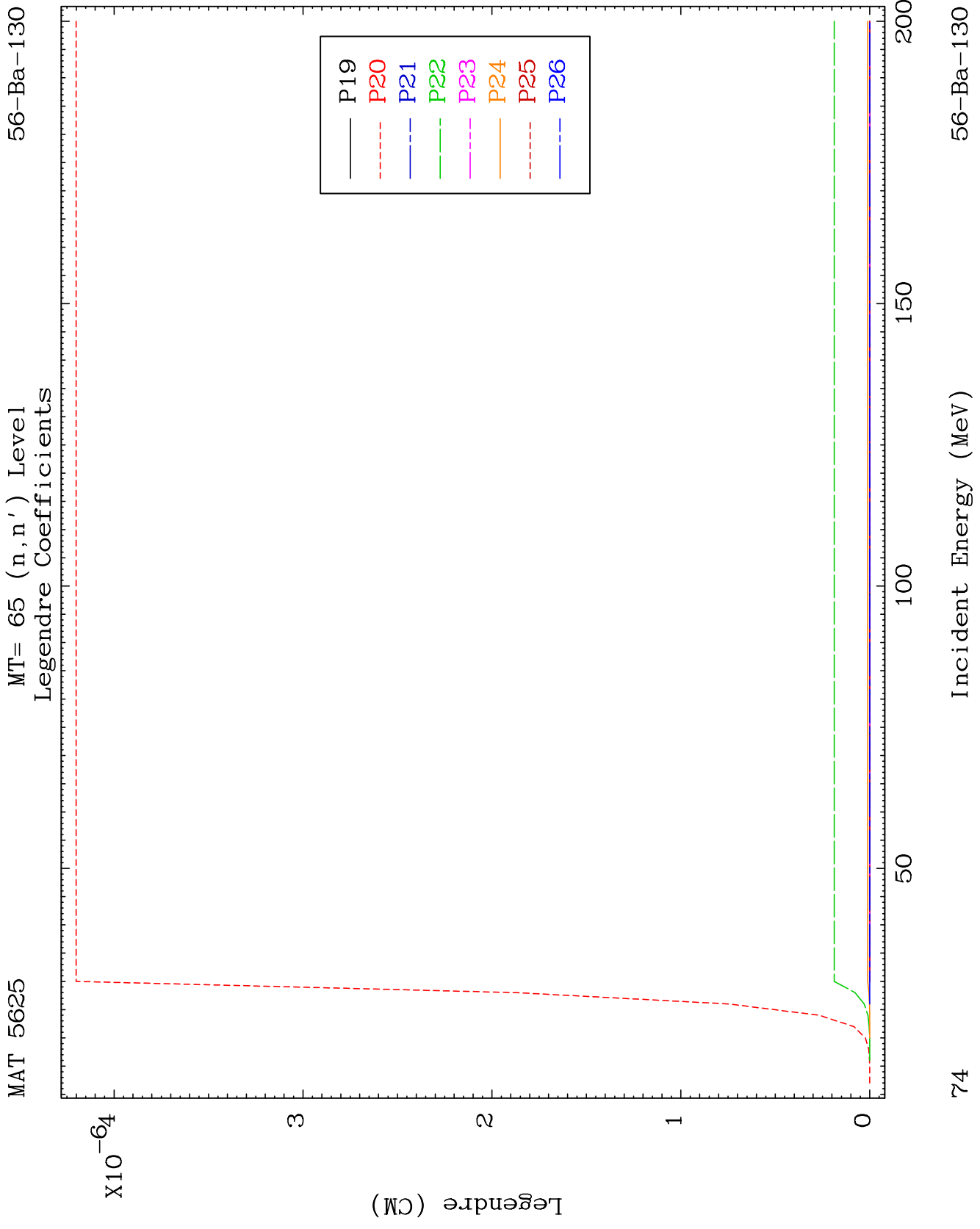
MT= 65 (n,n') Level
Legendre Coefficients

56-Ba-130



73

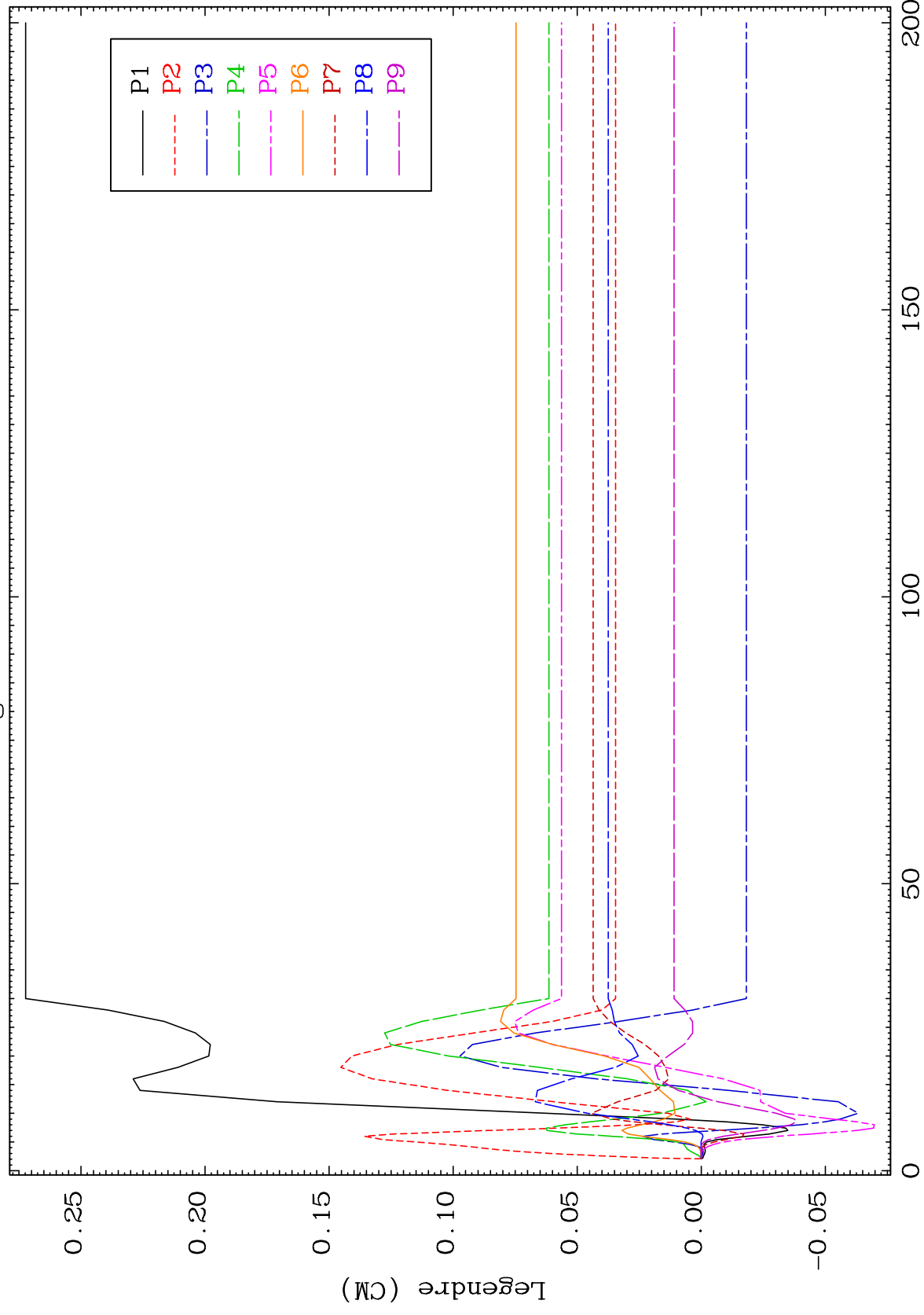
56-Ba-130



MAT 5625

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

56-Ba-130



56-Ba-130

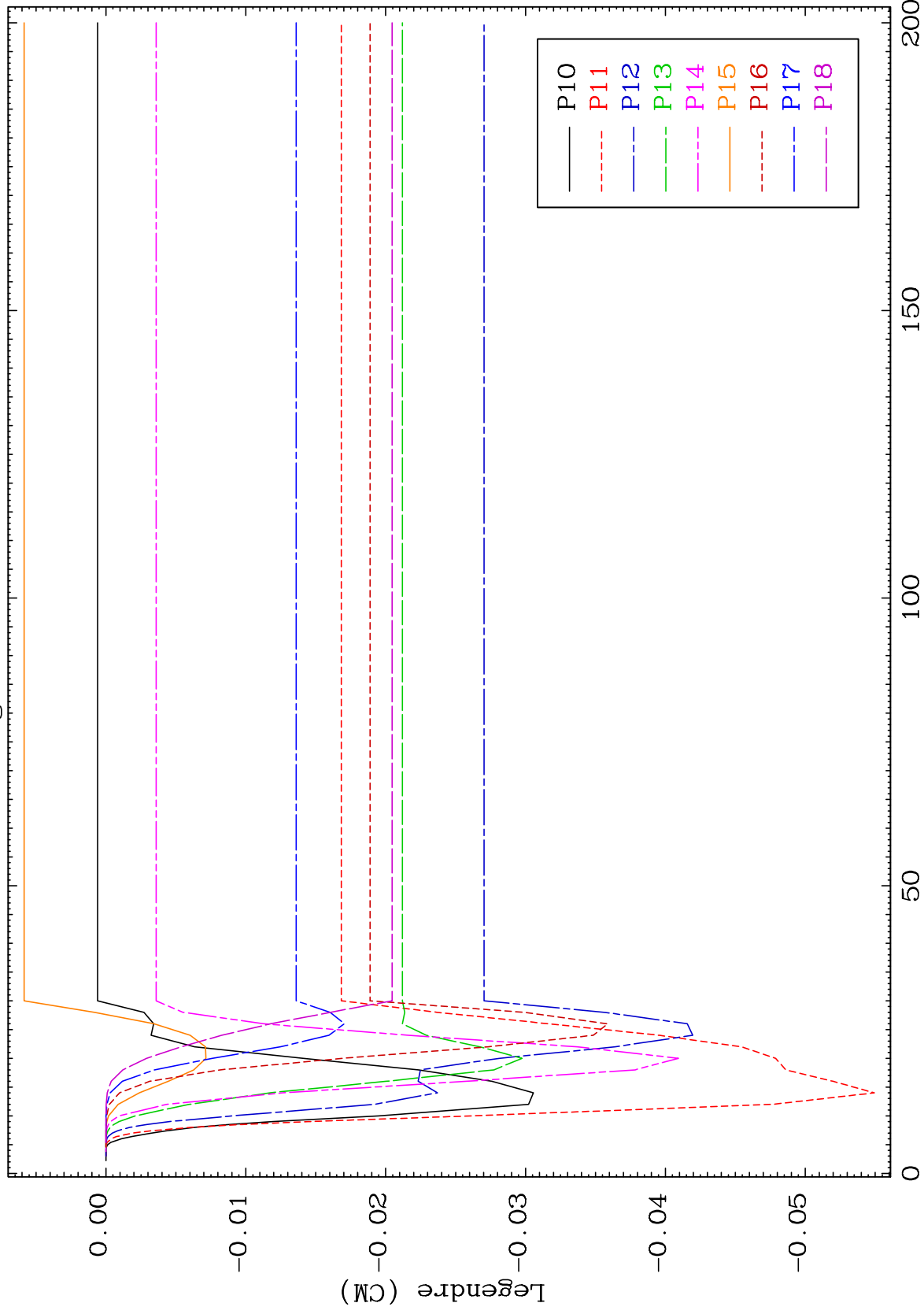
Incident Energy (MeV)

75

MAT 5625

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

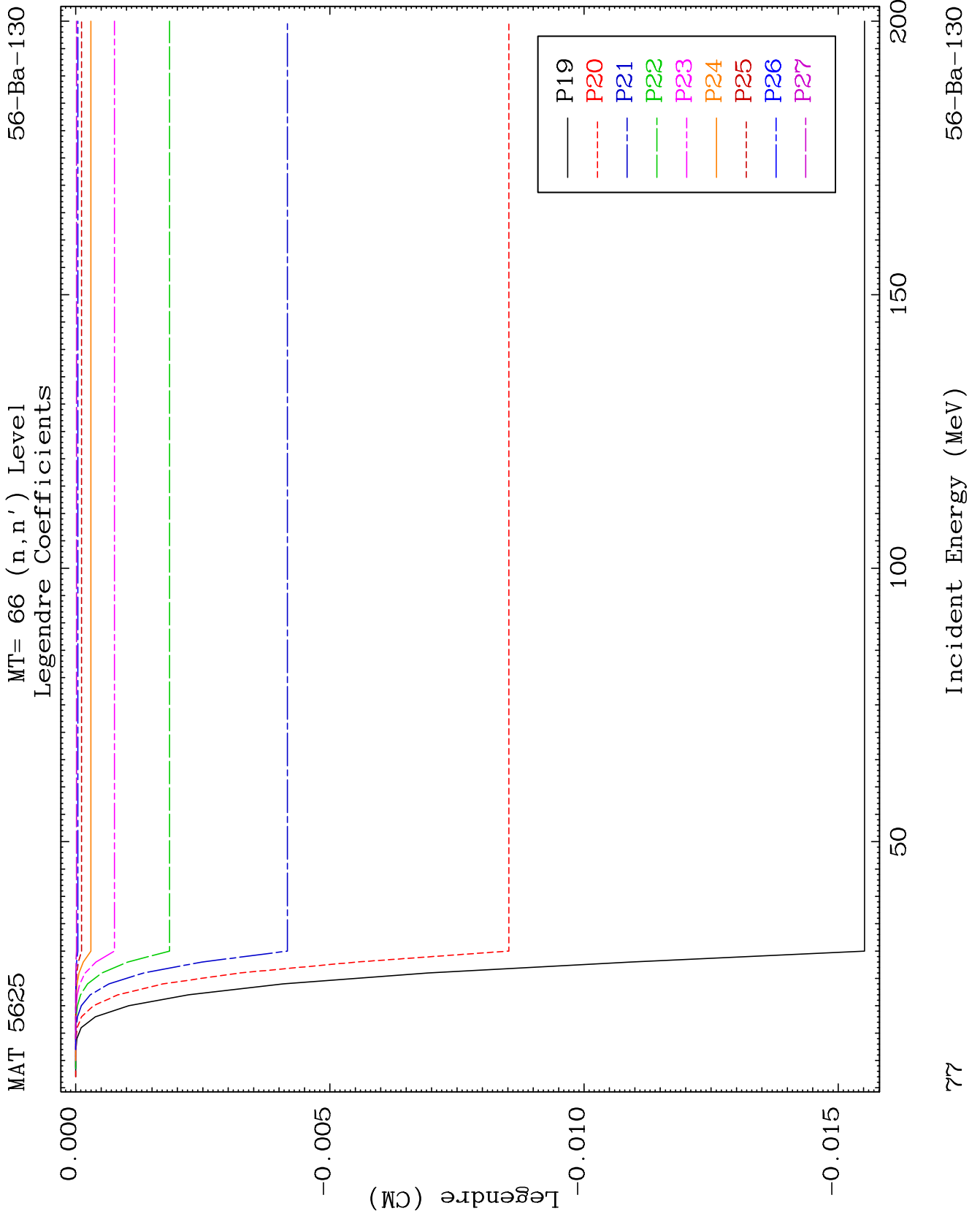
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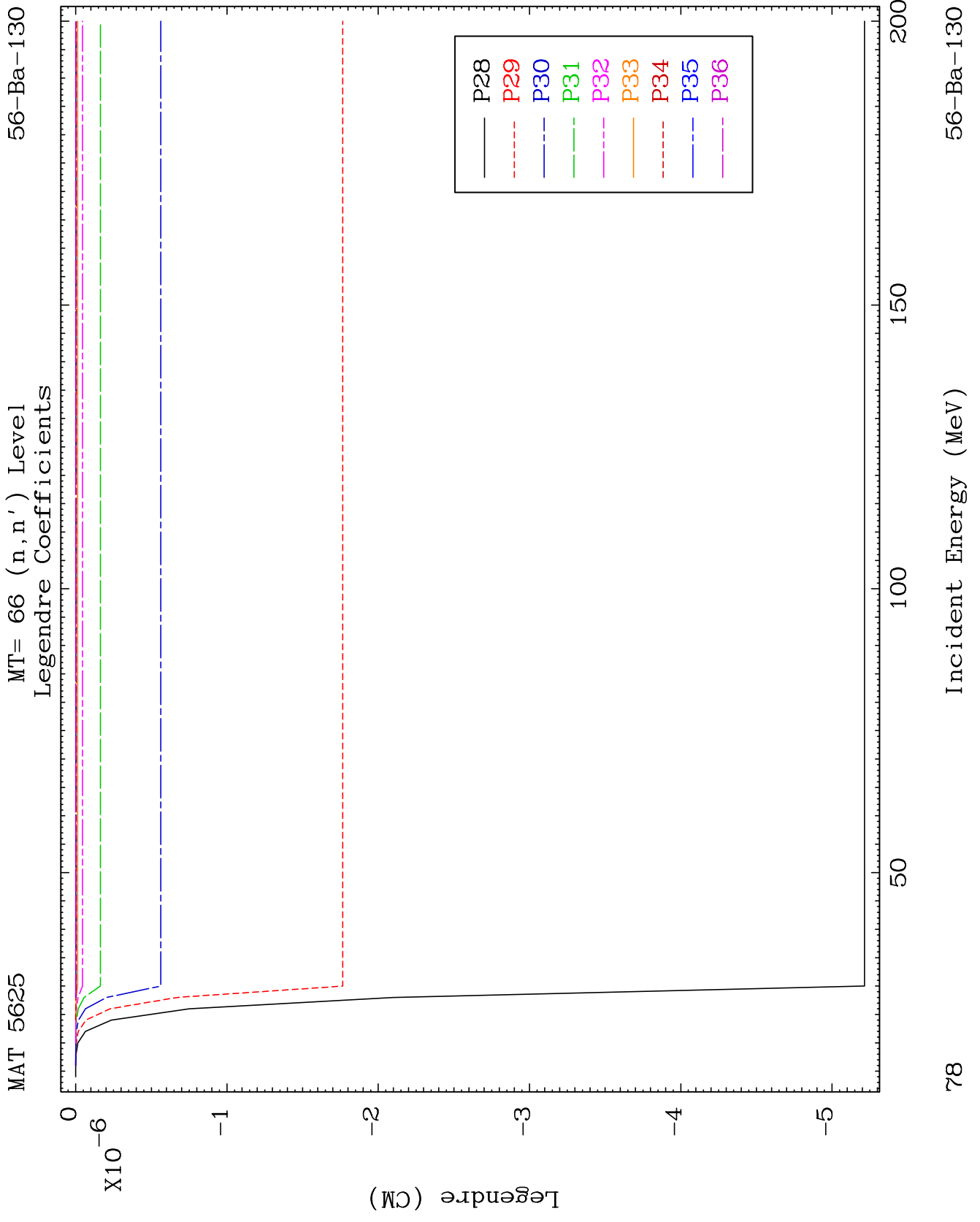


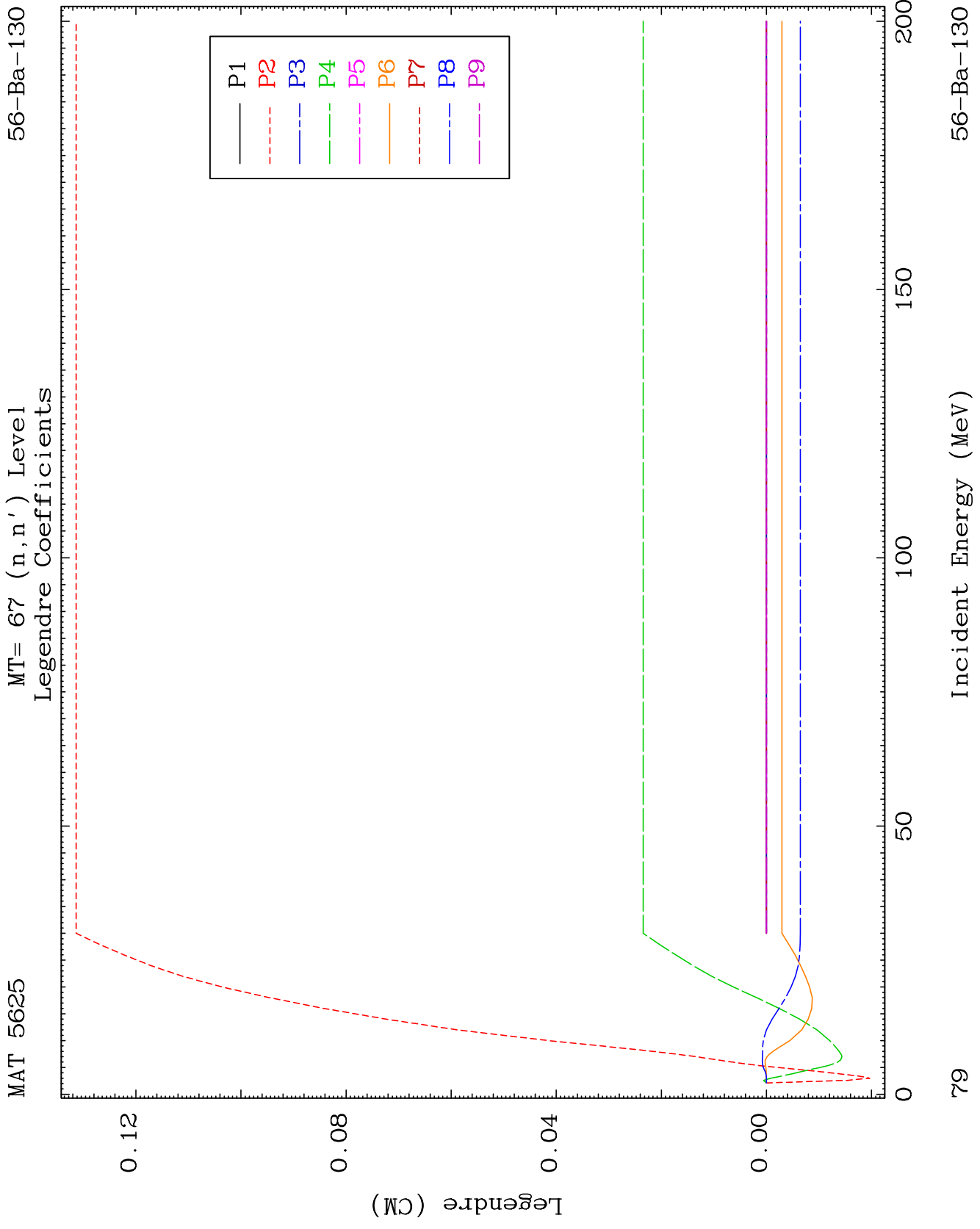
76

Incident Energy (MeV)

56-Ba-130



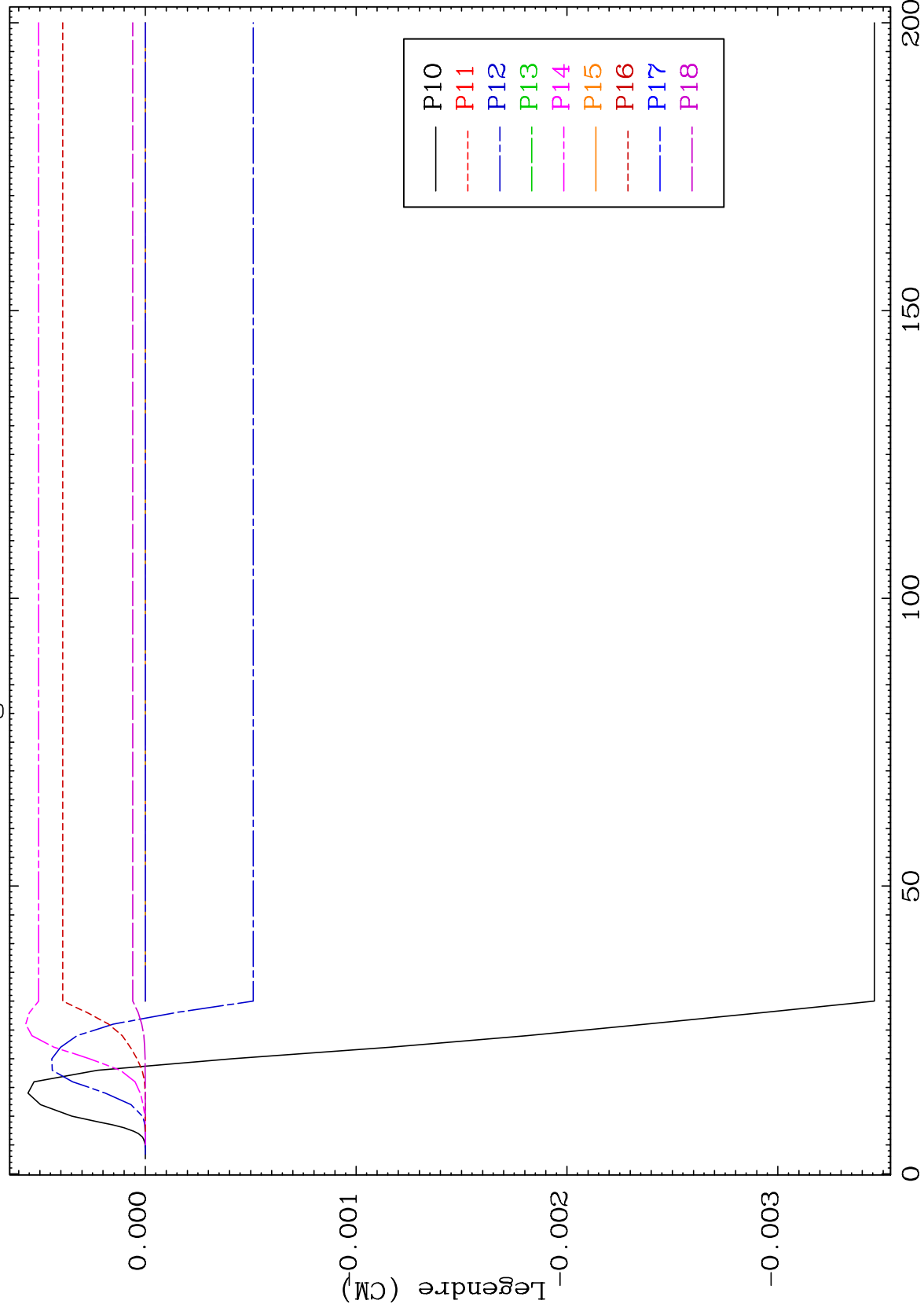




MAT 5625

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

56-Ba-130



80

Incident Energy (MeV)

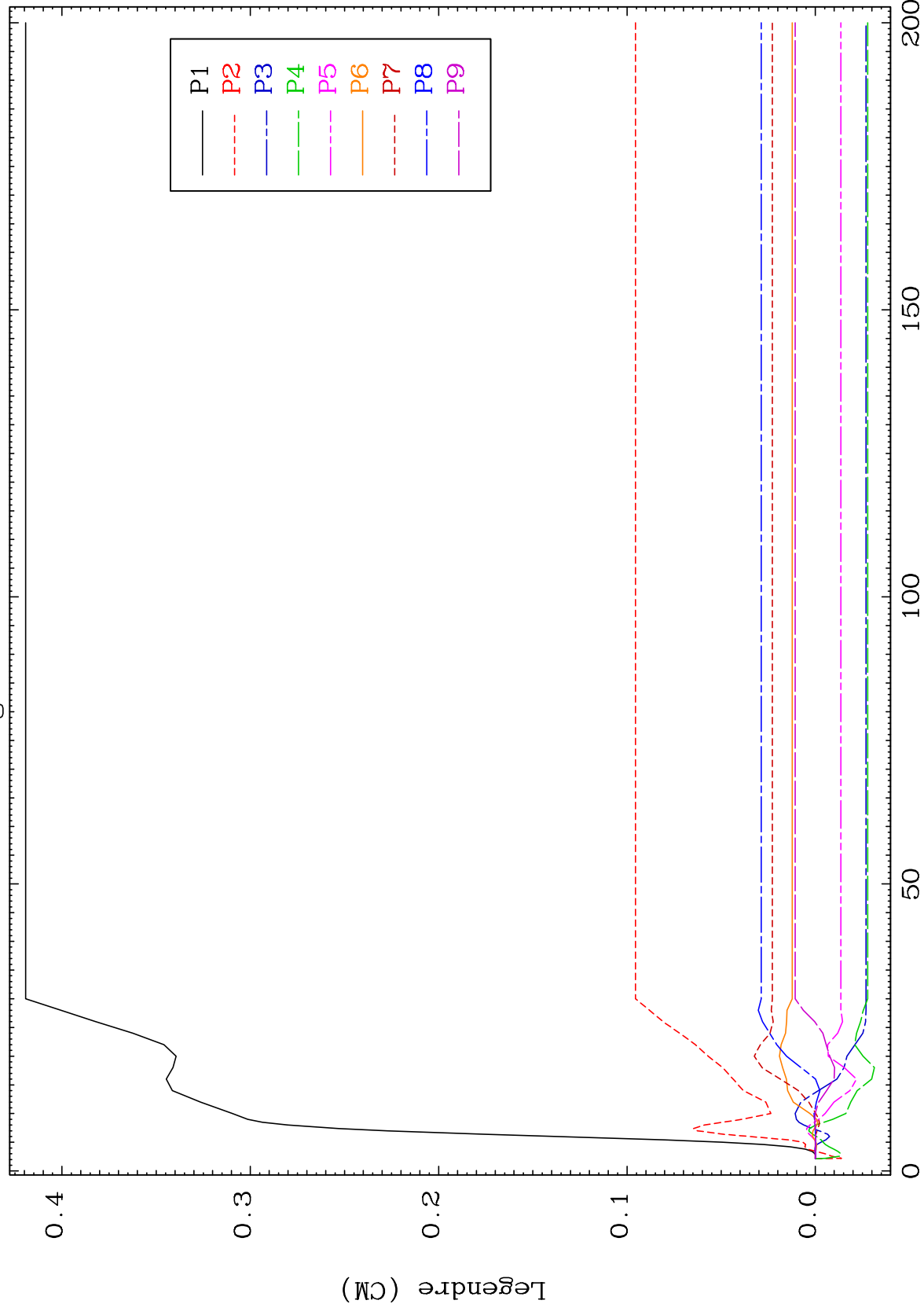
56-Ba-130

200

MAT 5625

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

56-Ba-130



82

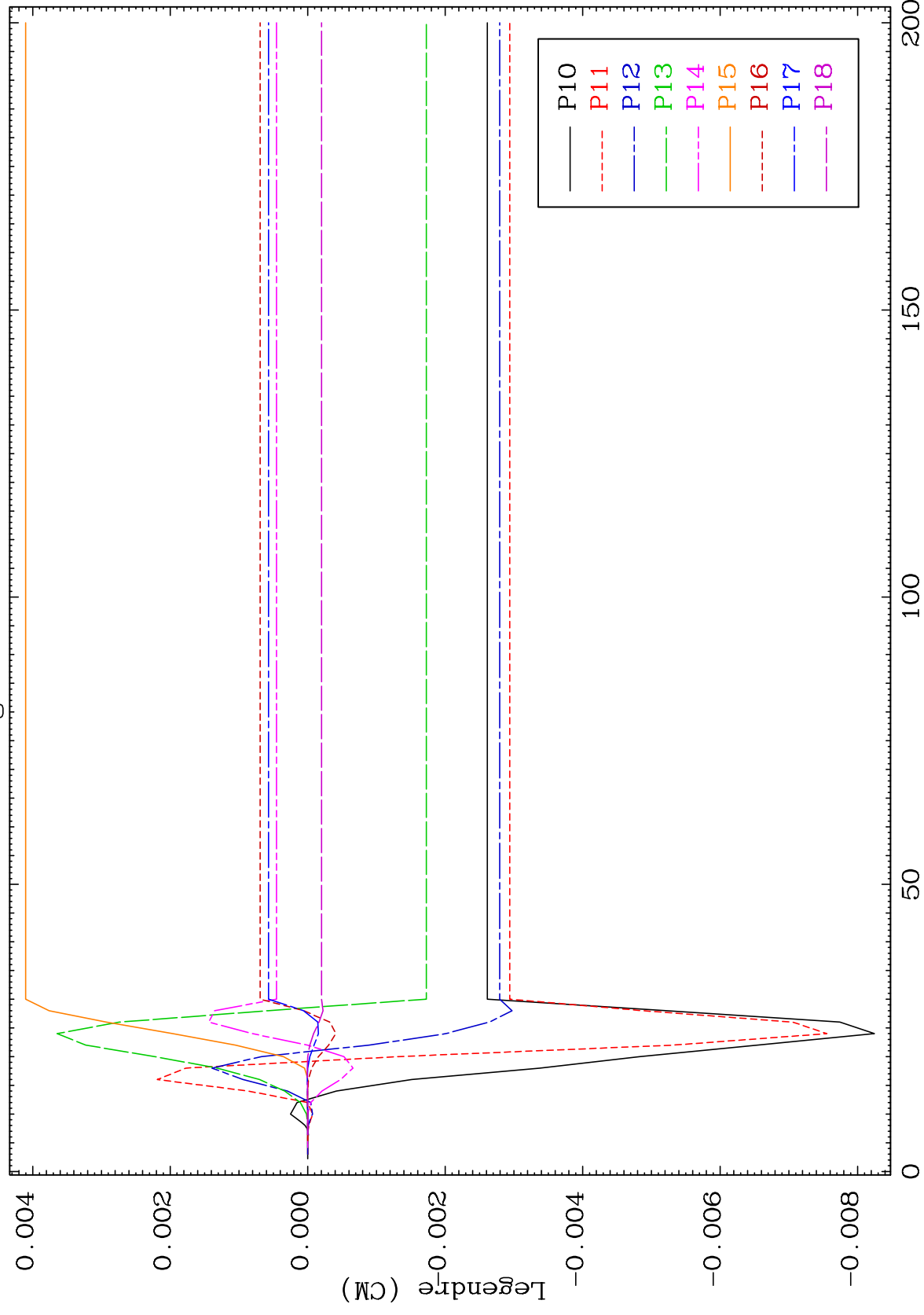
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

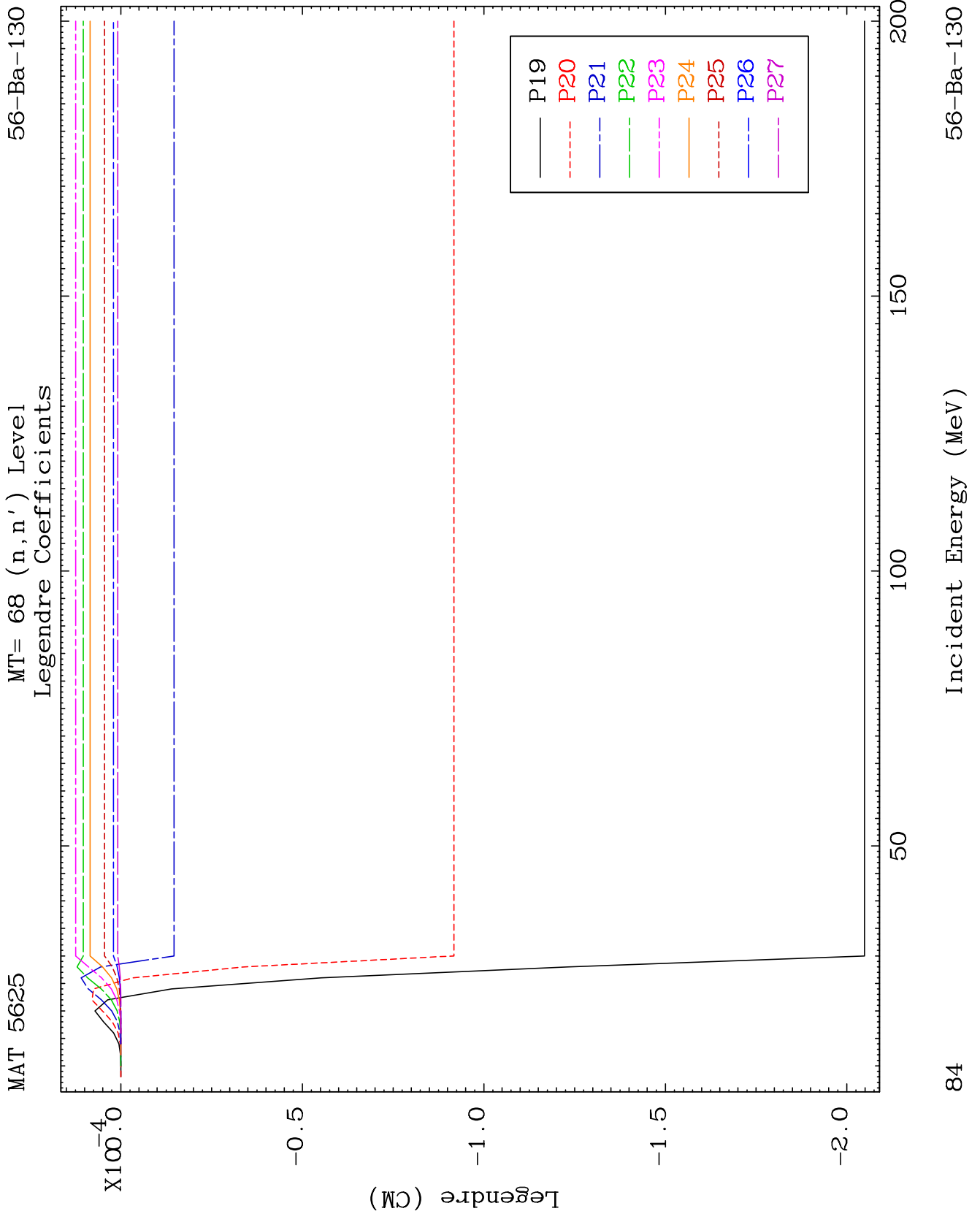
56-Ba-130



83

Incident Energy (MeV)

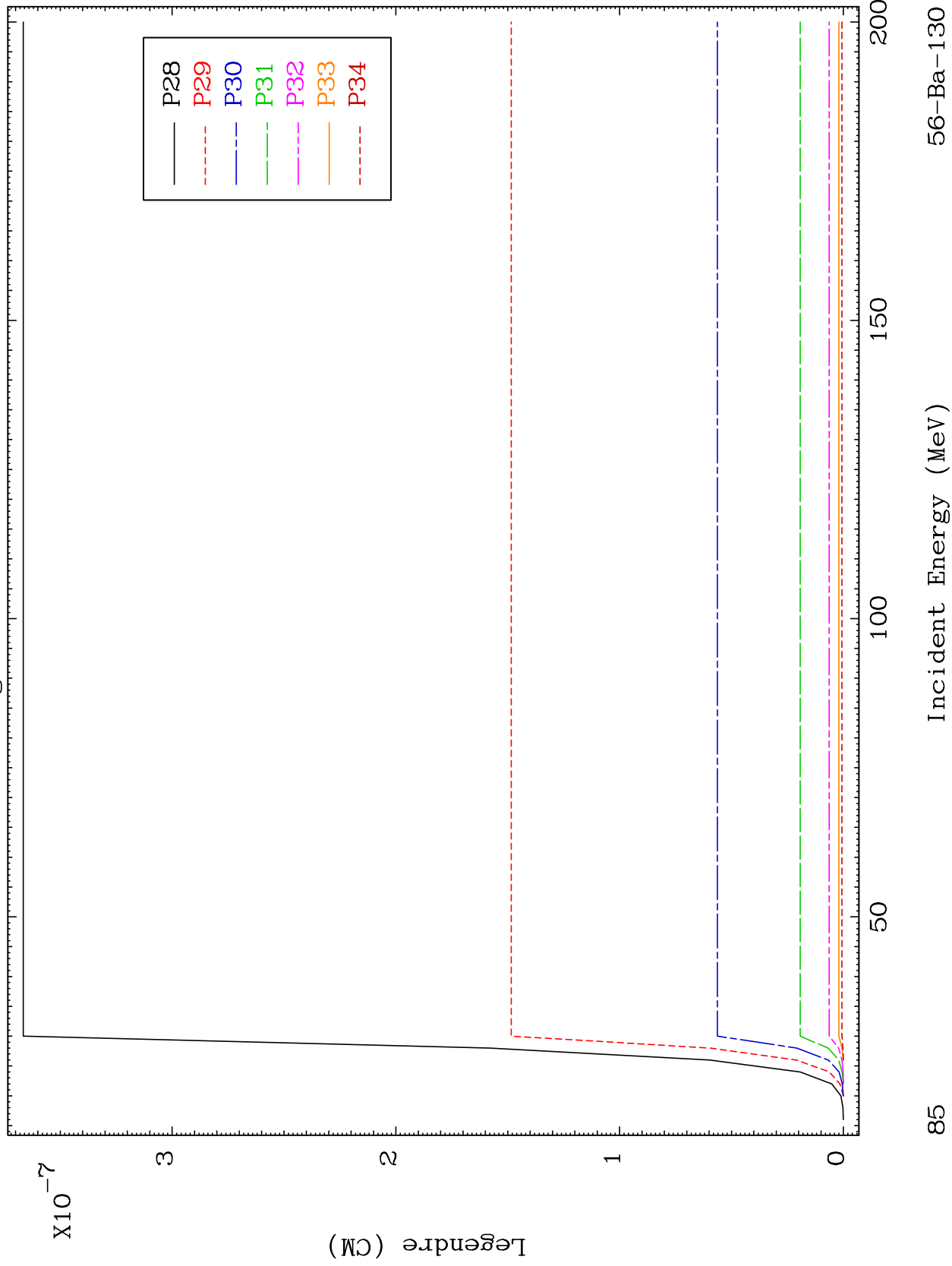
56-Ba-130



MAT 5625

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

56-Ba-130



56-Ba-130

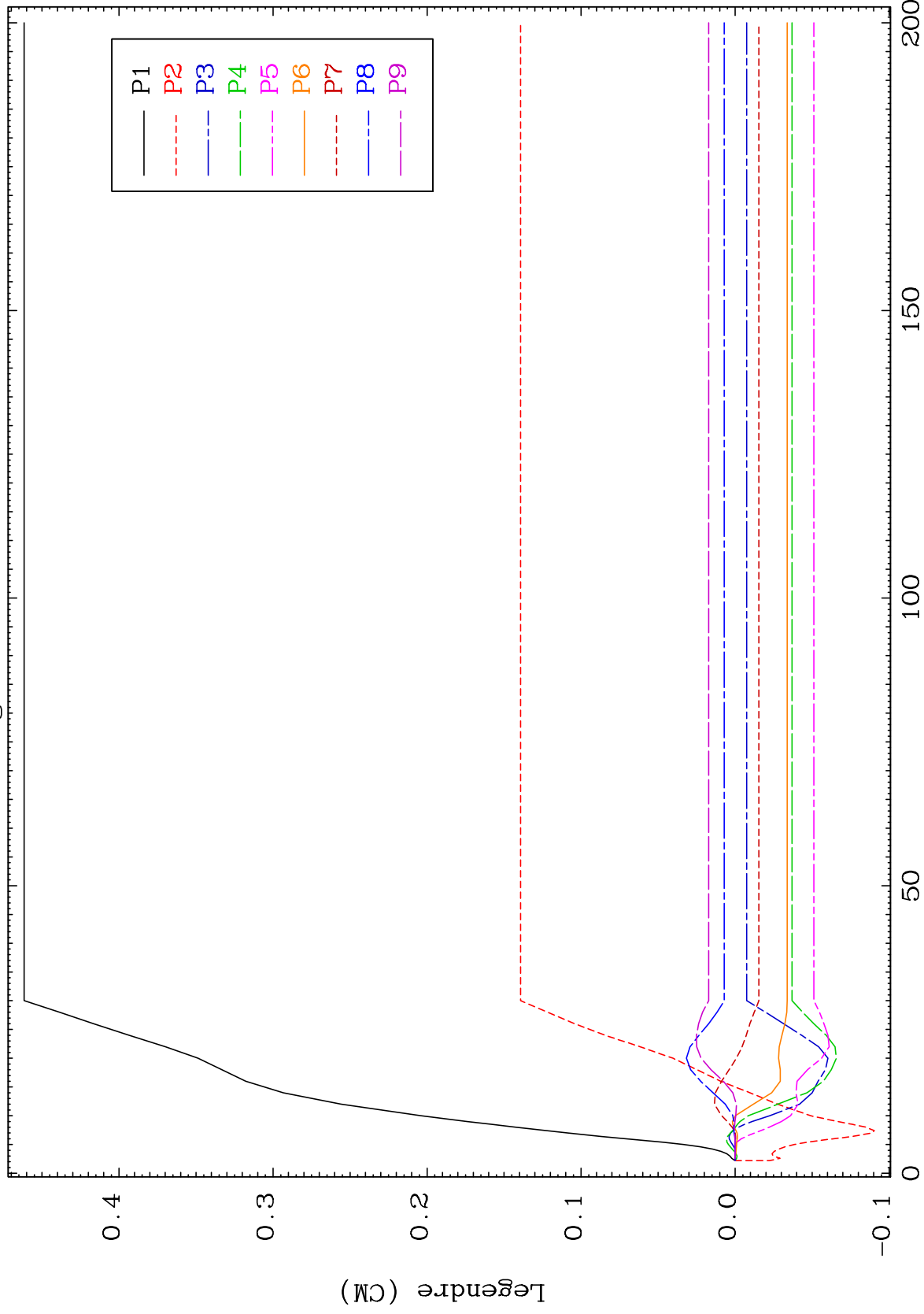
Incident Energy (MeV)

85

MAT 5625

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

56-Ba-130



86

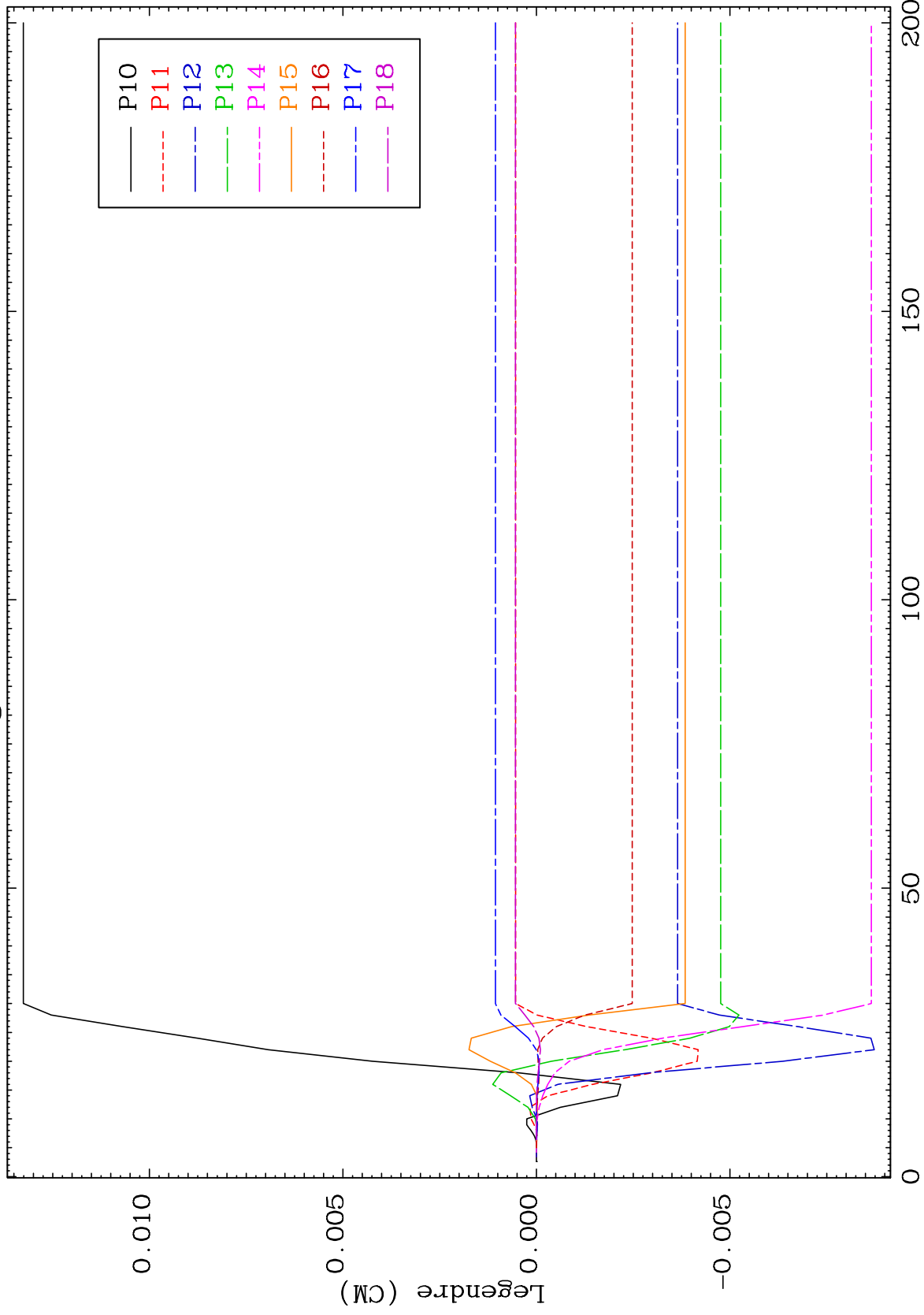
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

56-Ba-130



87

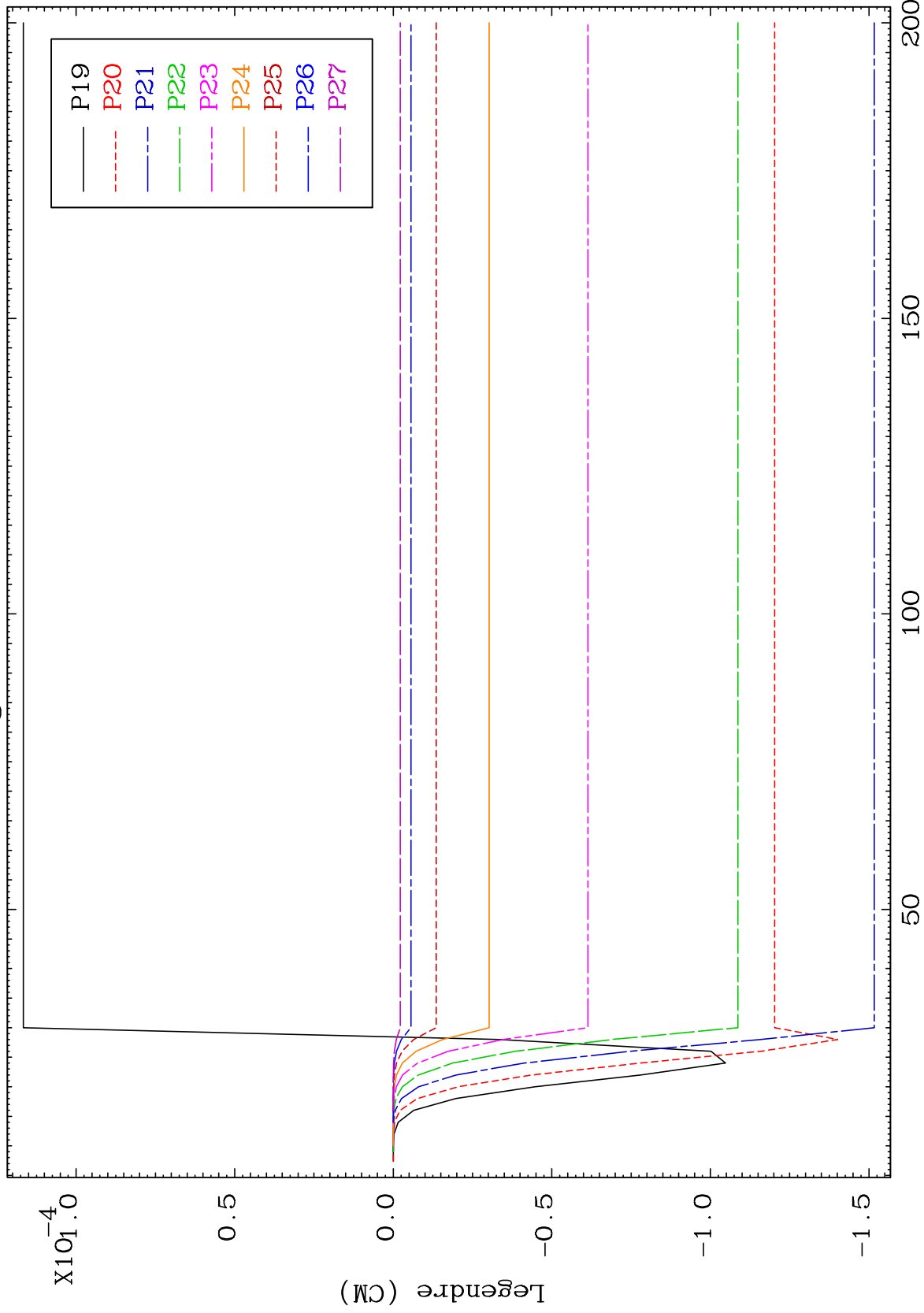
Incident Energy (MeV)

56-Ba-130

MAT 5625

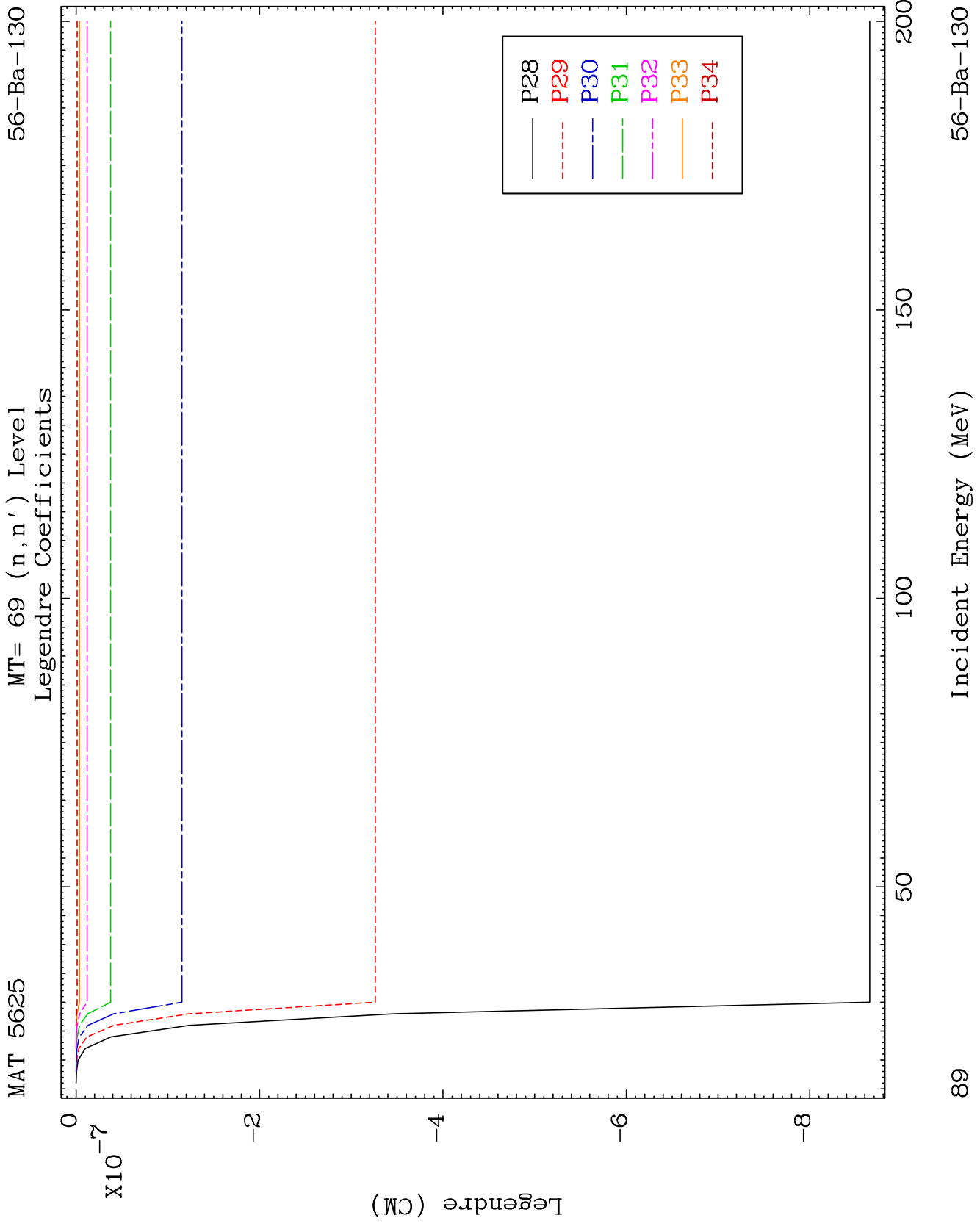
MT= 69 (n,n') Level
Legendre Coefficients

56-Ba-130



88

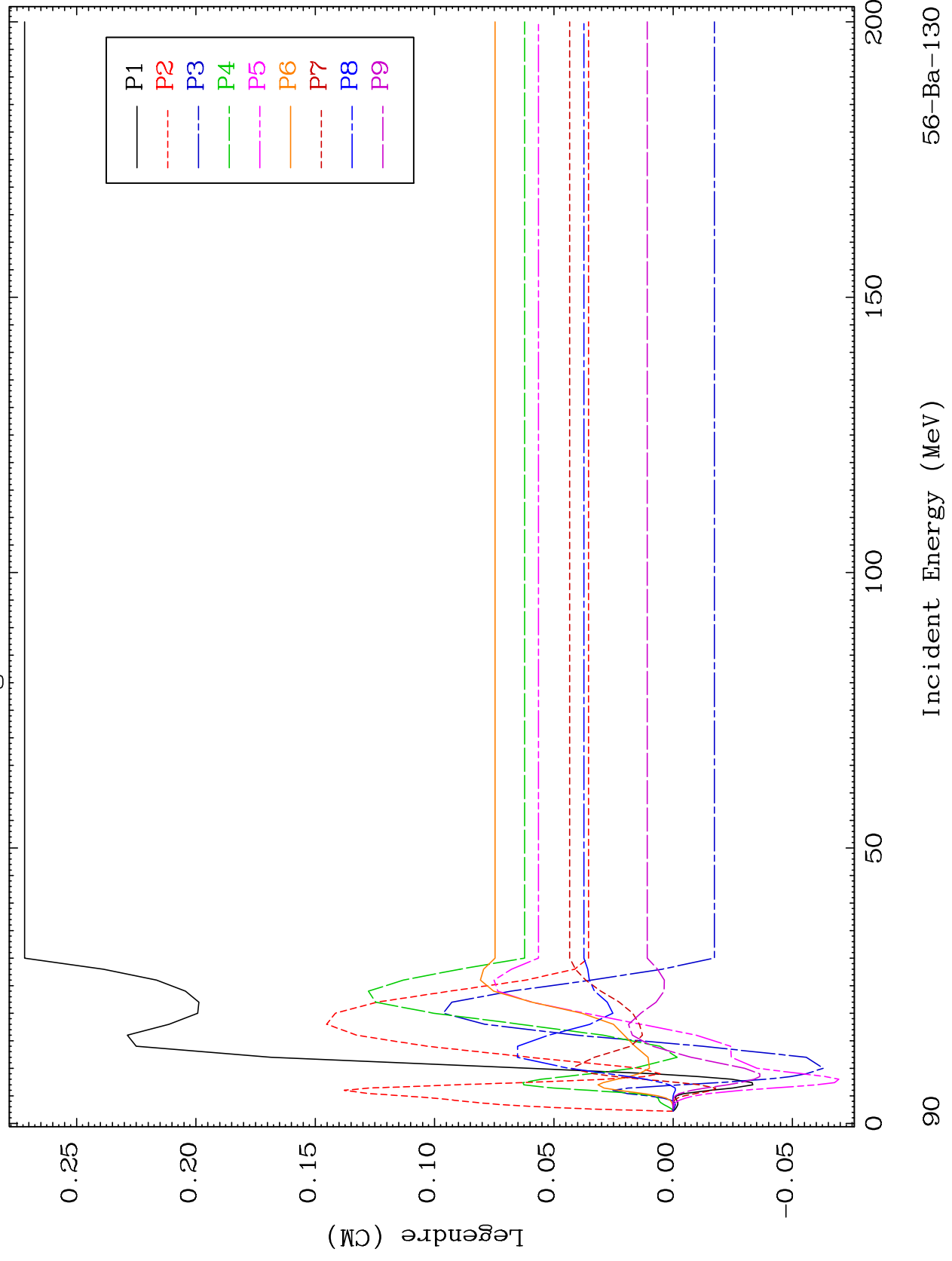
56-Ba-130



MAT 5625

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

56-Ba-130



56-Ba-130

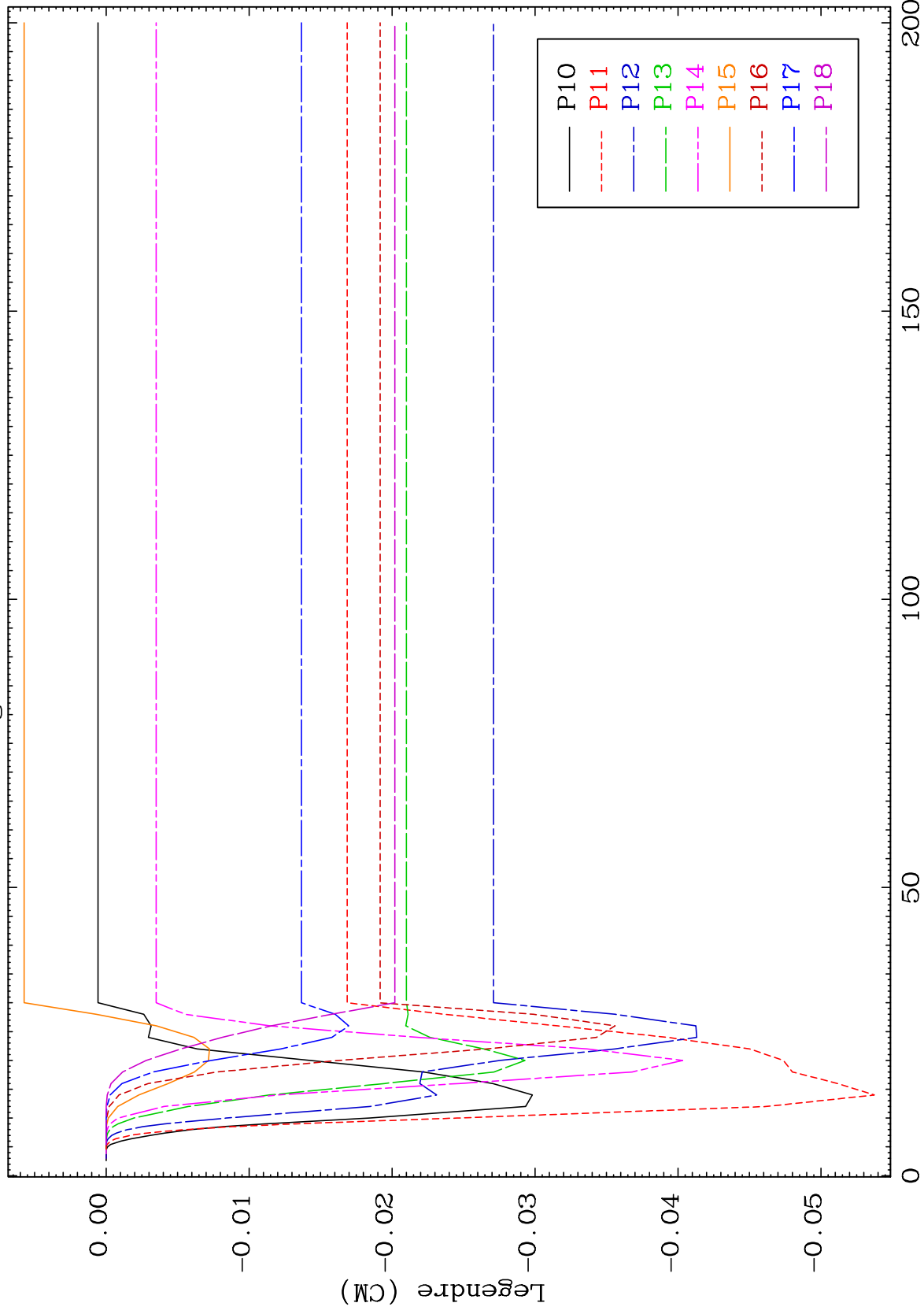
Incident Energy (MeV)

90

MAT 5625

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

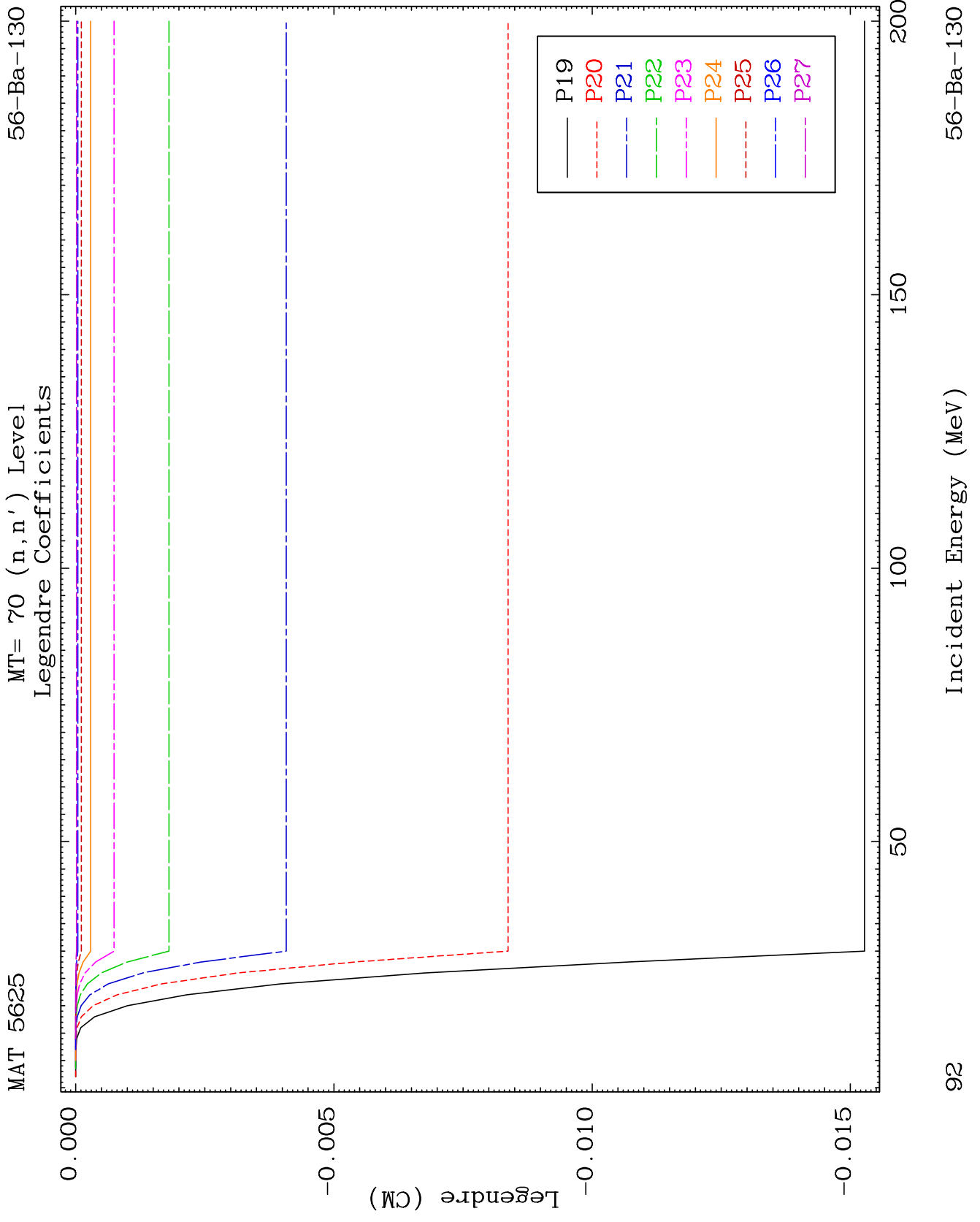
56-Ba-130

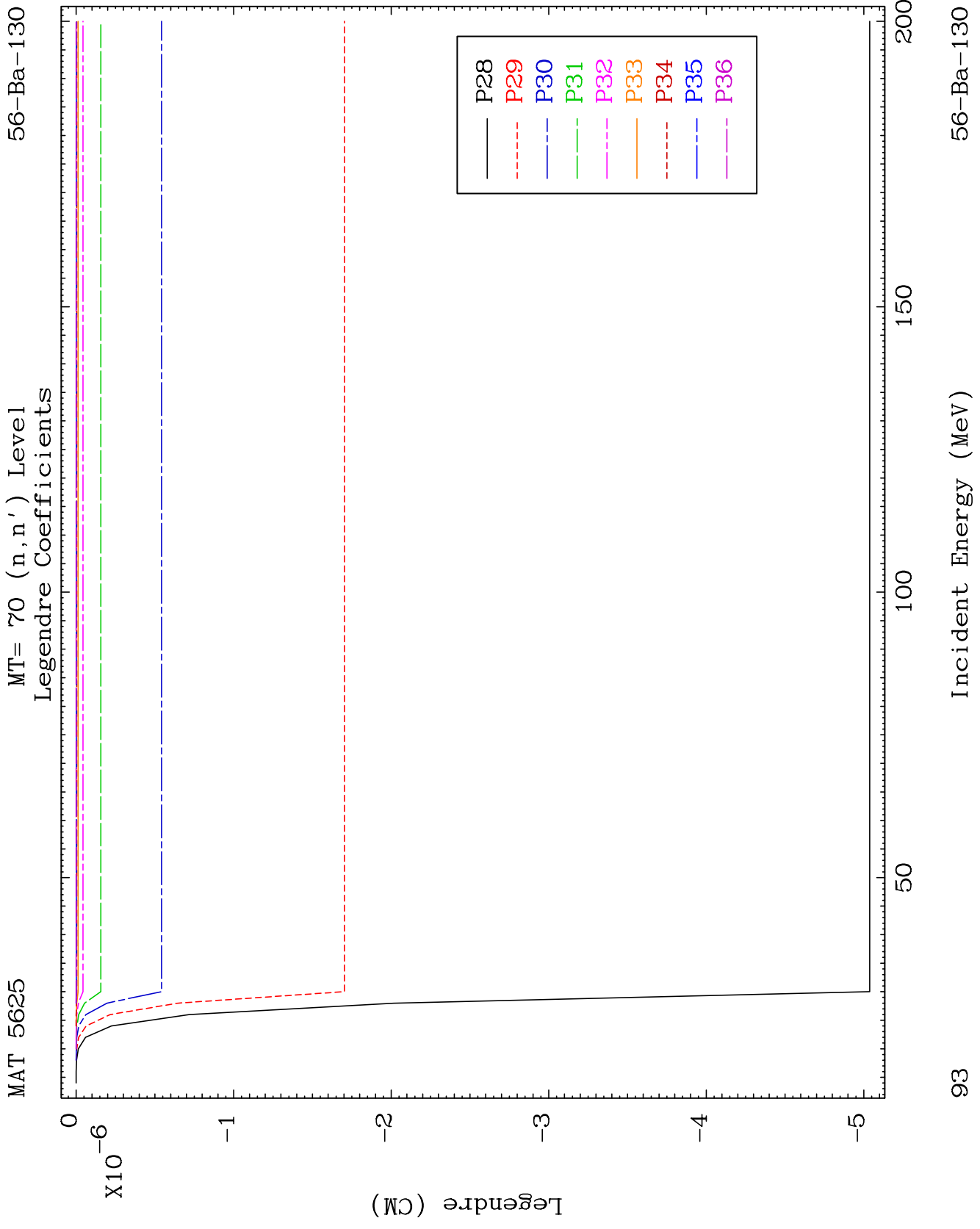


91

Incident Energy (MeV)

56-Ba-130

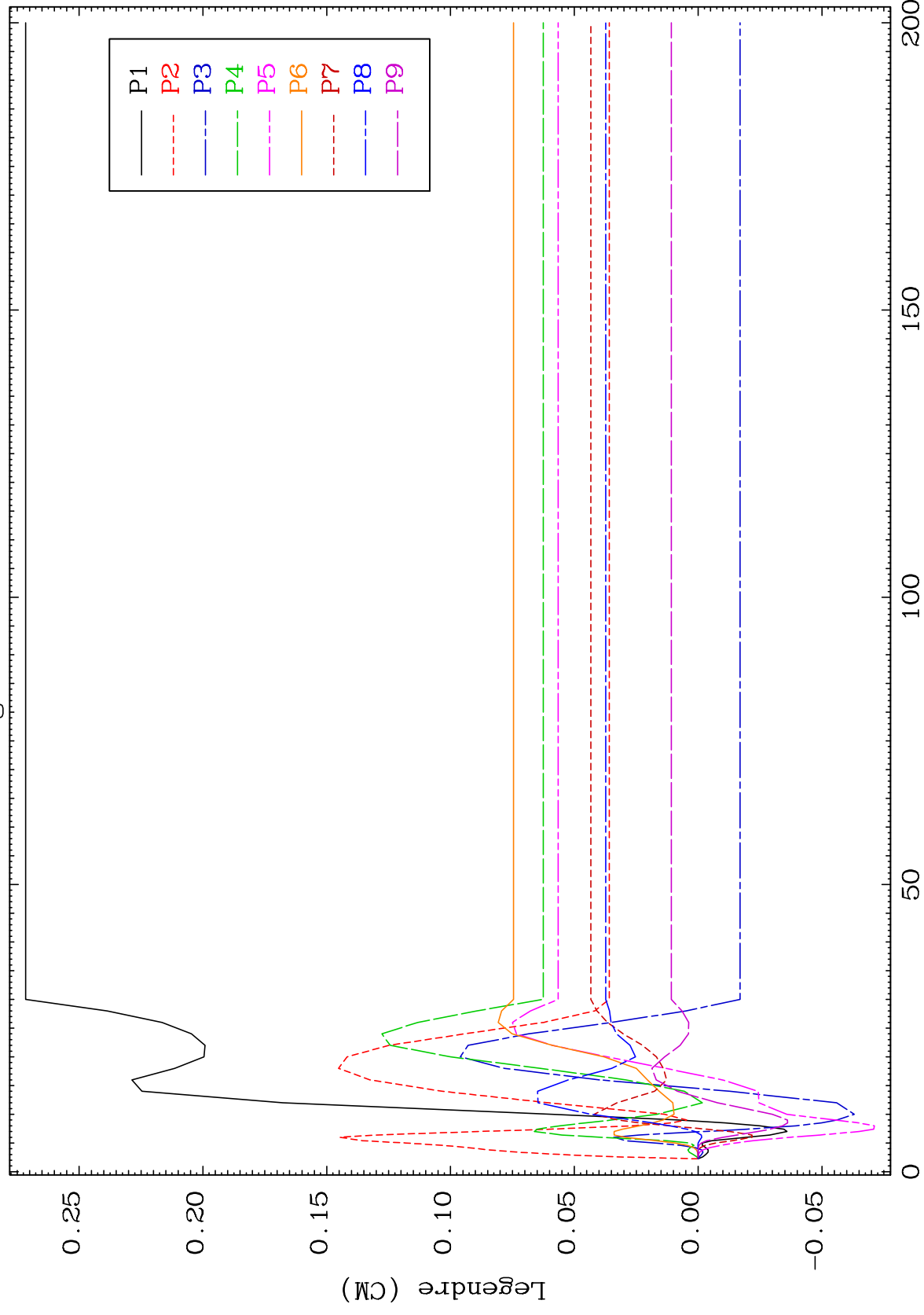




MAT 5625

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

56-Ba-130



94

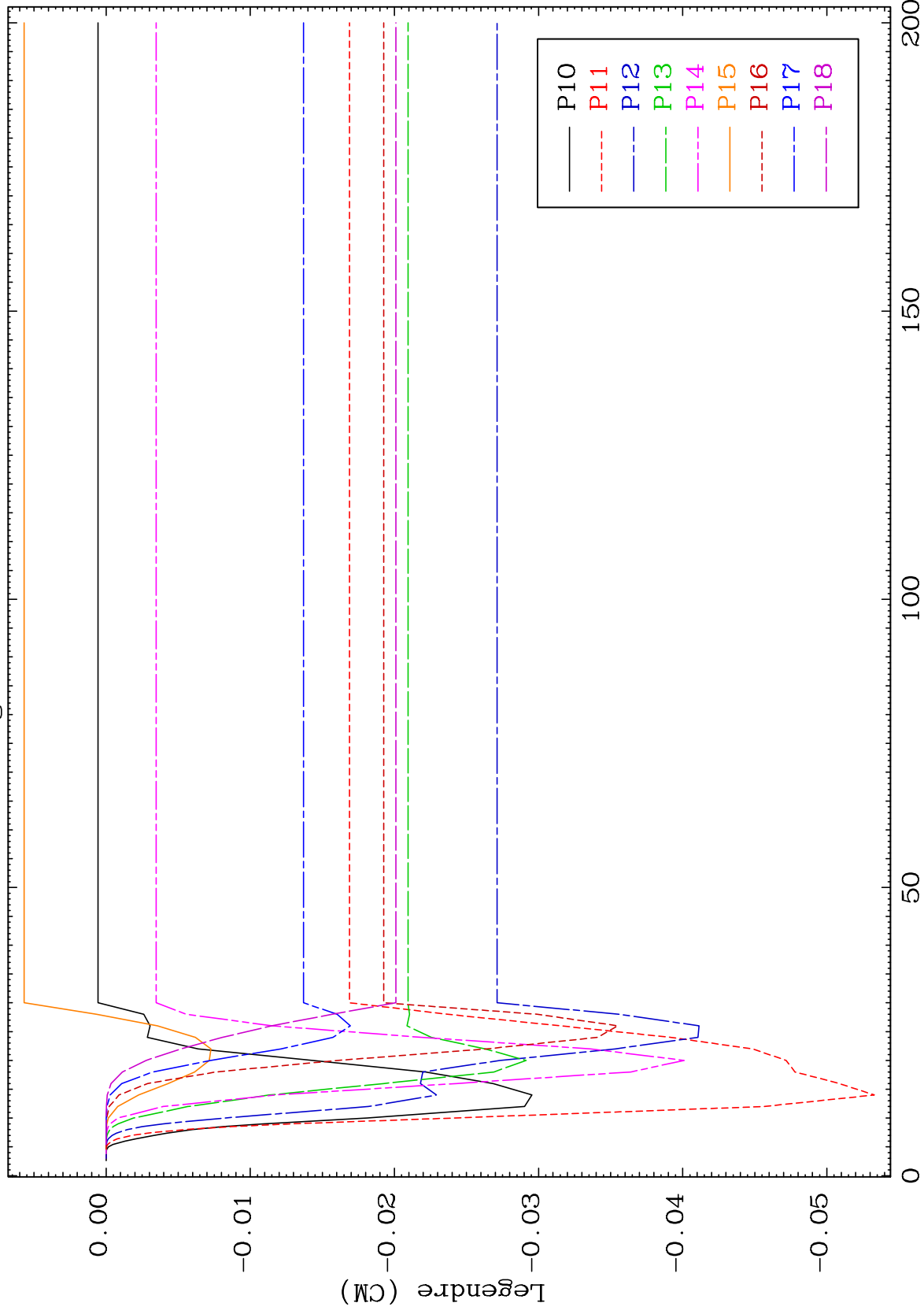
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

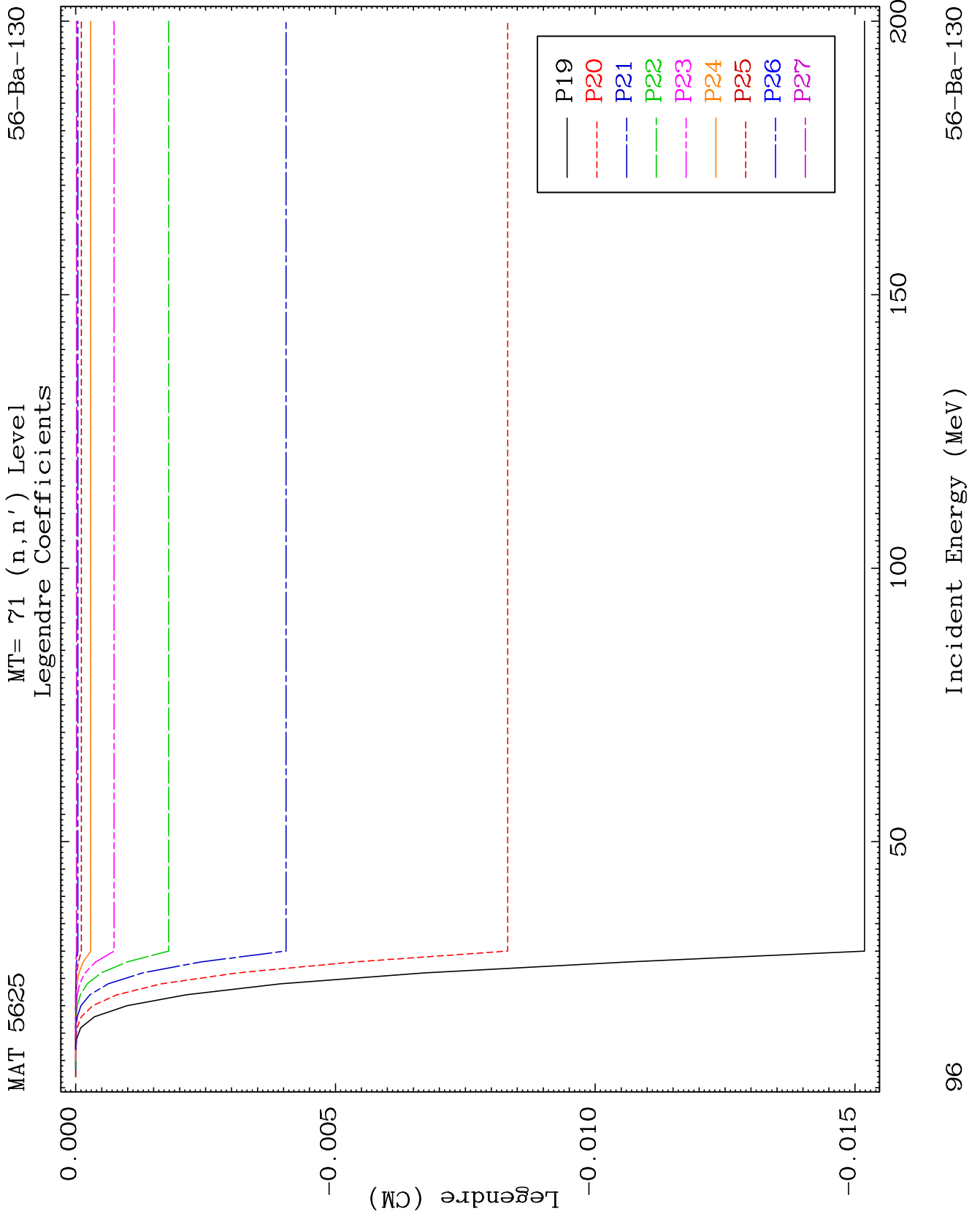
56-Ba-130

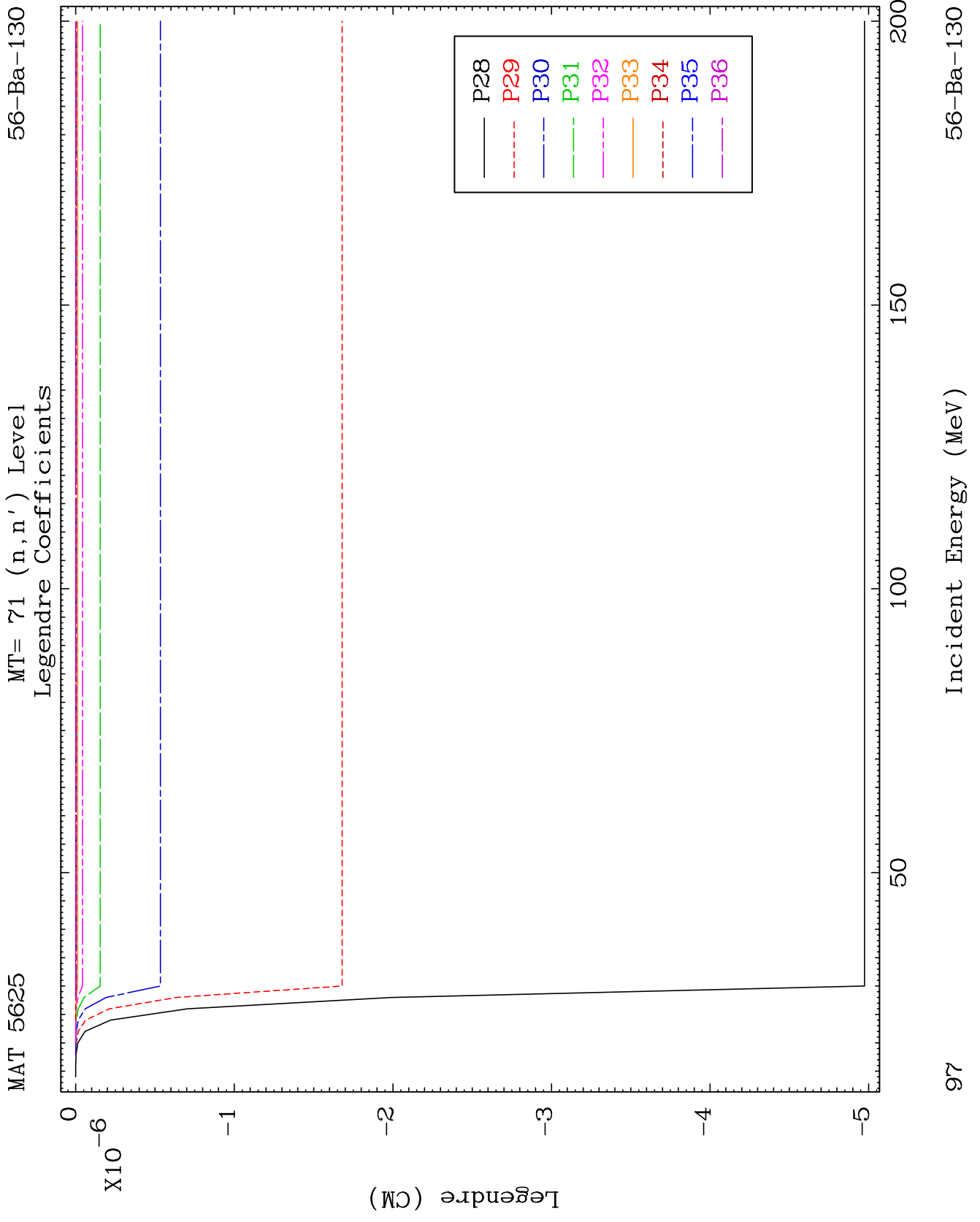


95

Incident Energy (MeV)

56-Ba-130

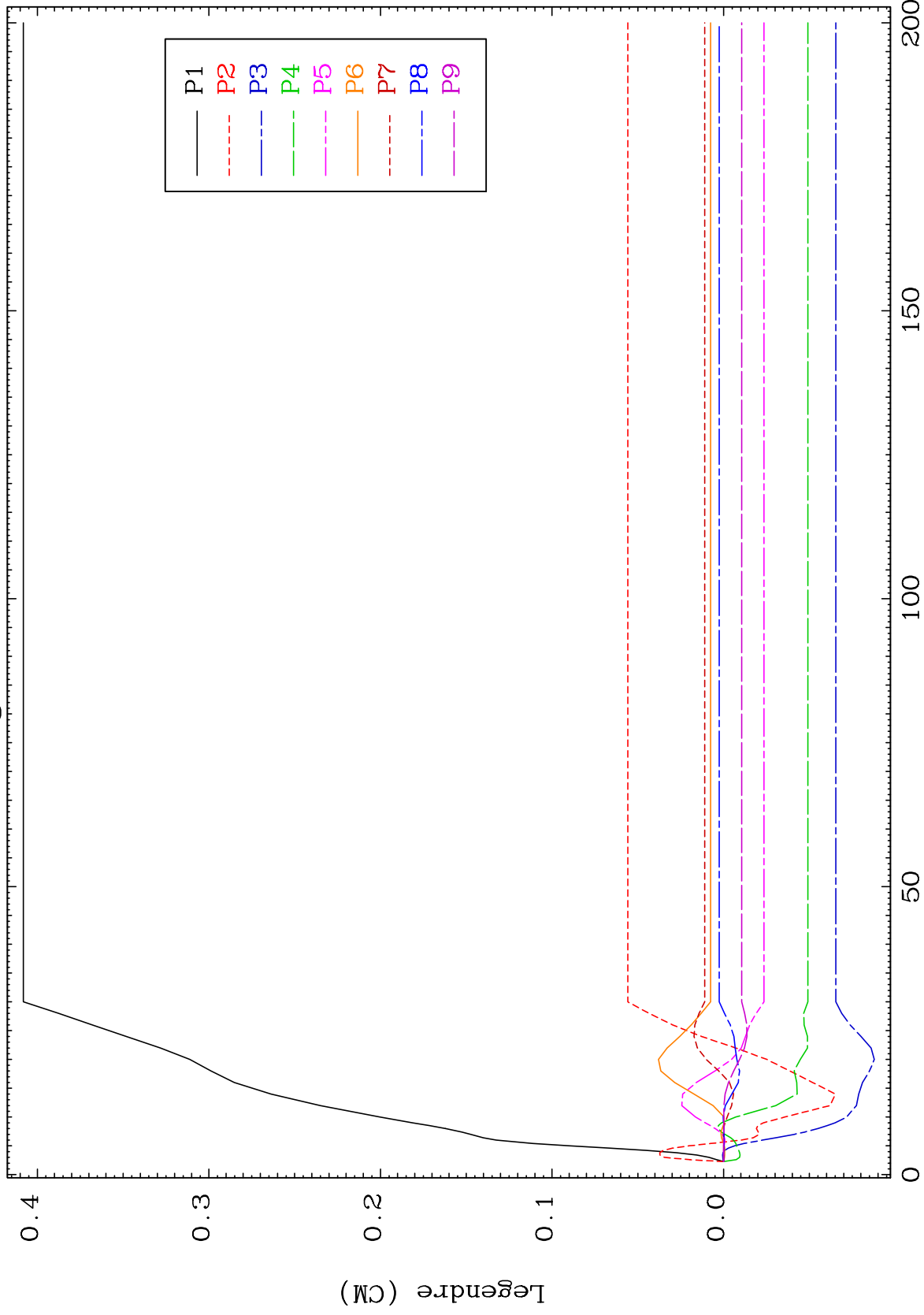




MAT 5625

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

56-Ba-130



98

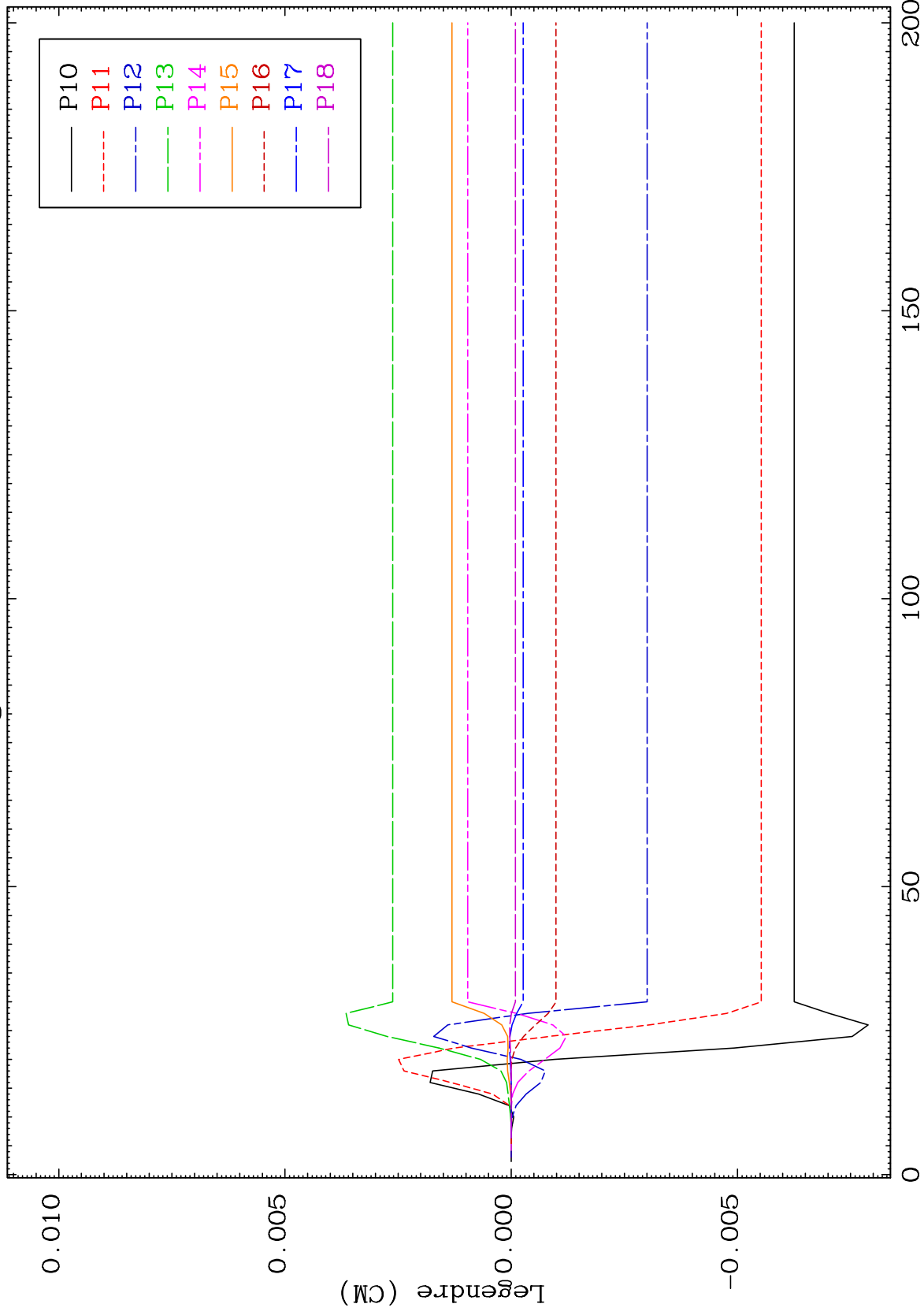
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

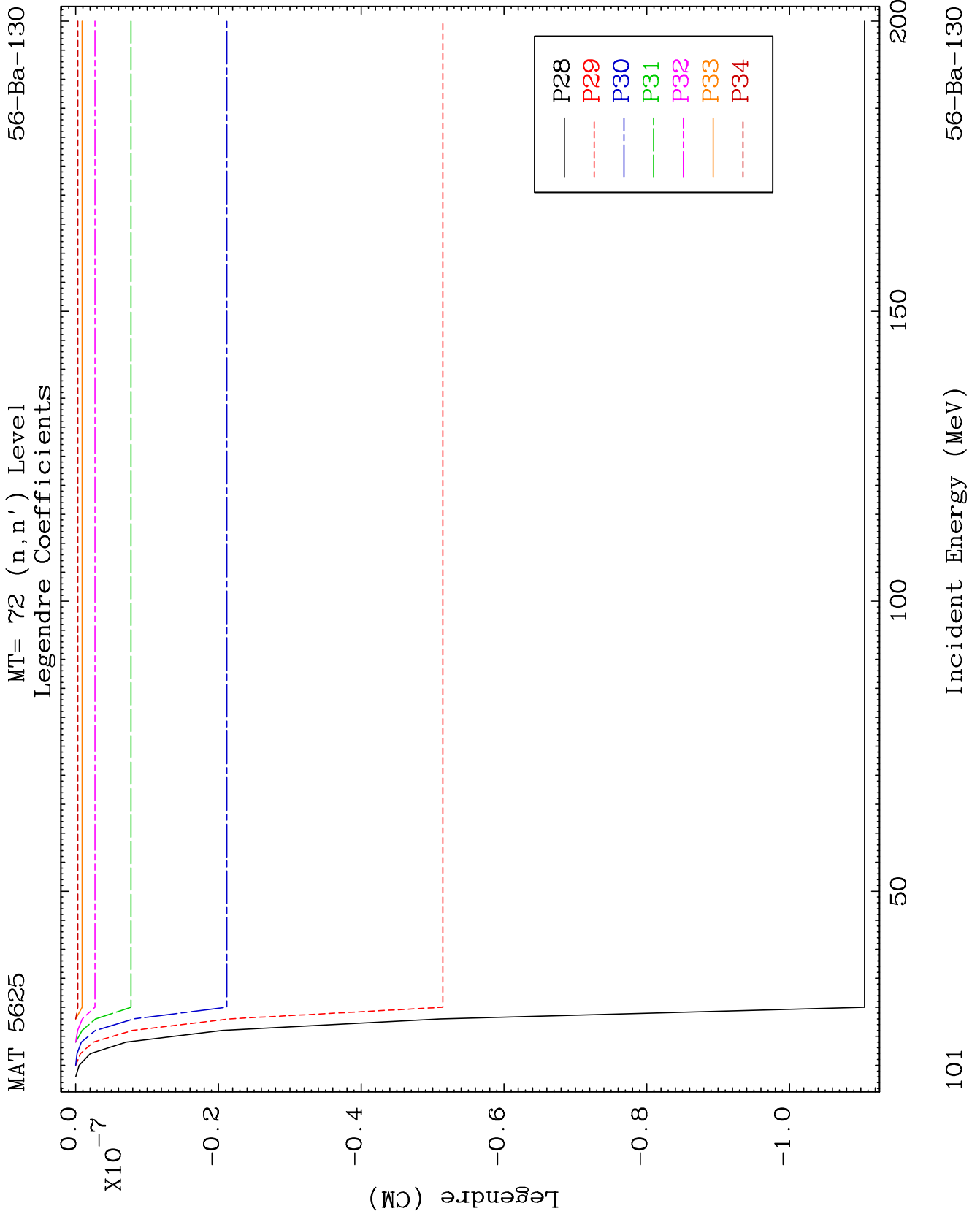
56-Ba-130



99

Incident Energy (MeV)

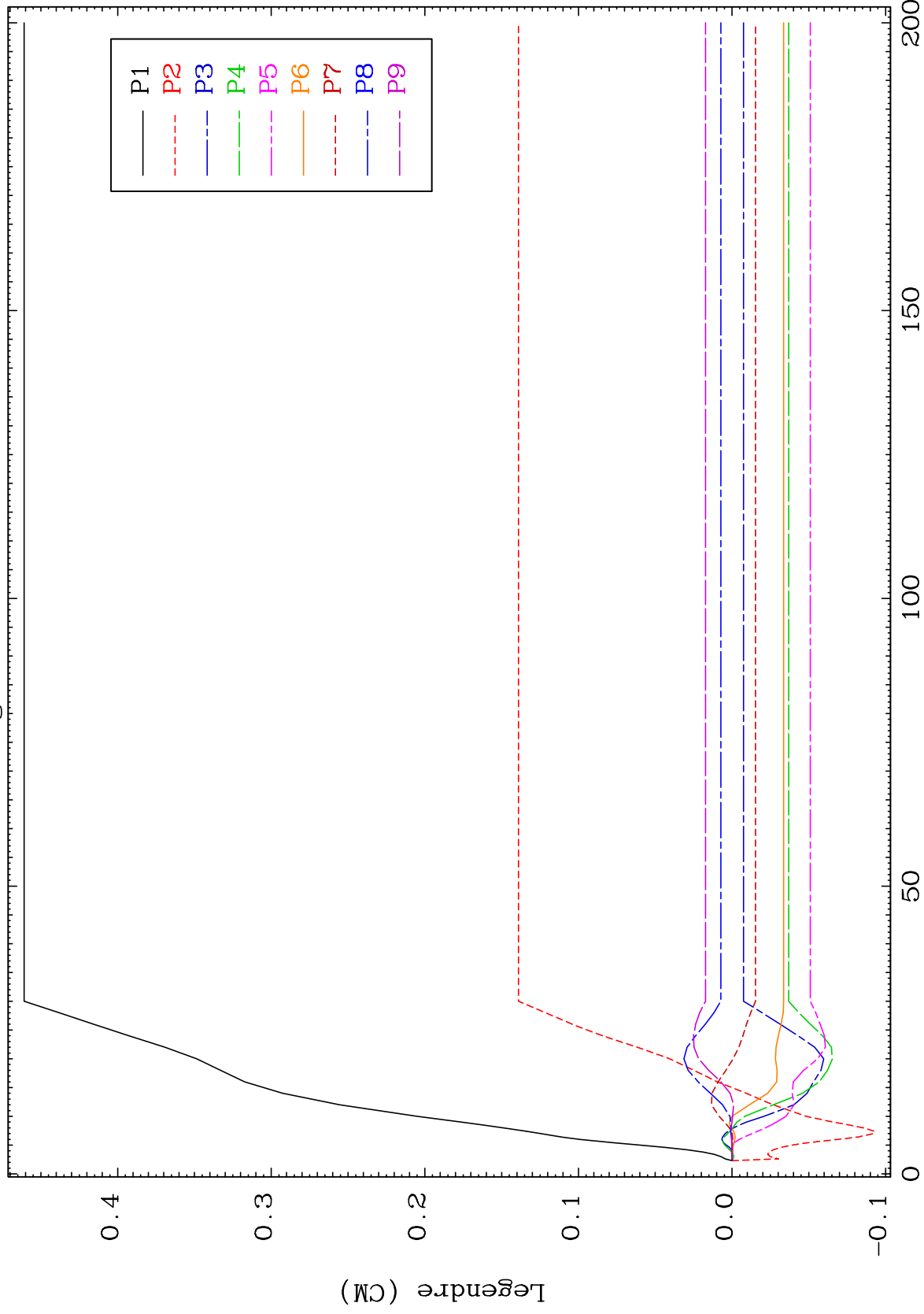
56-Ba-130



MAT 5625

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

56-Ba-130



56-Ba-130

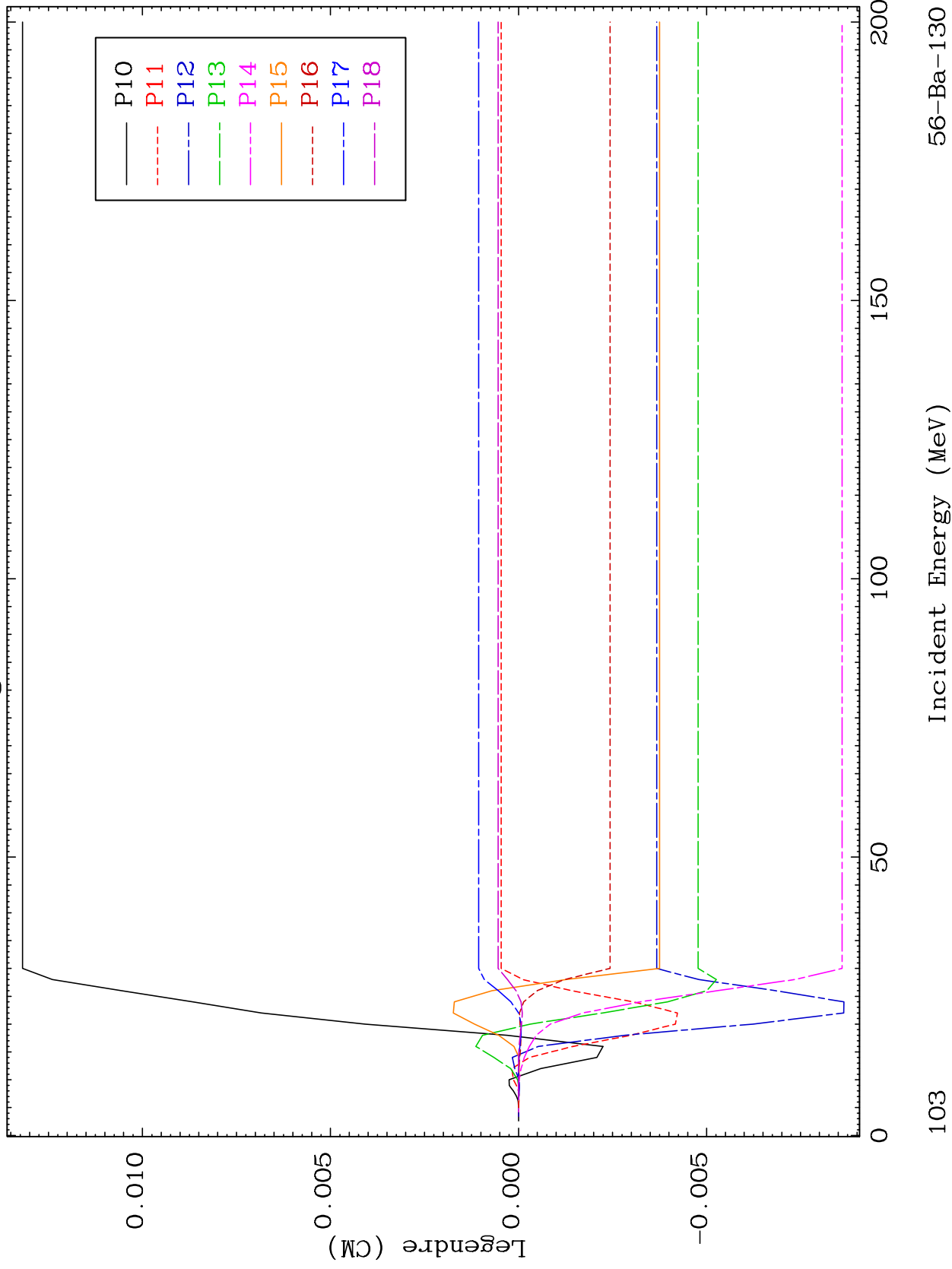
Incident Energy (MeV)

102

MAT 5625

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

56-Ba-130



56-Ba-130

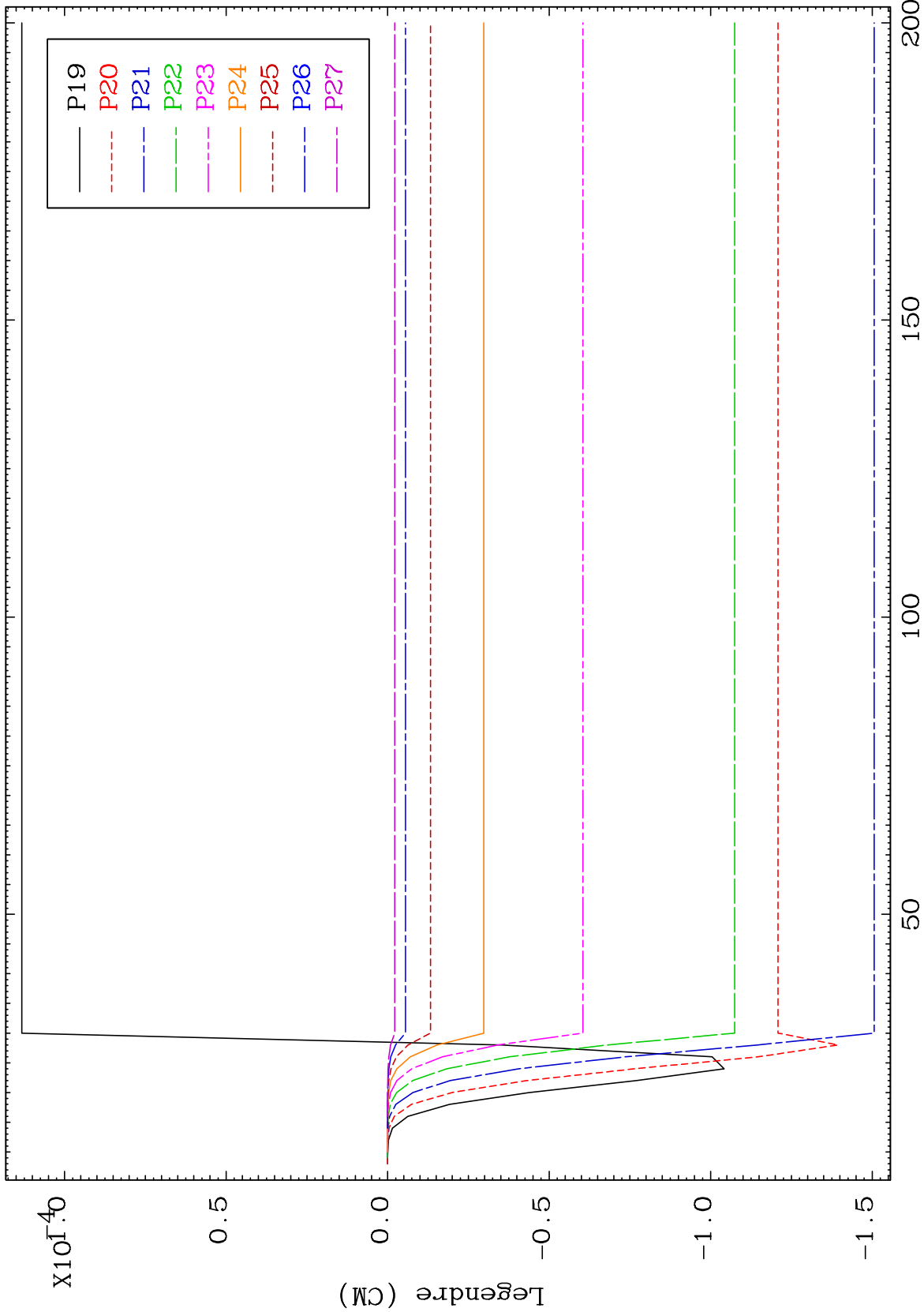
Incident Energy (MeV)

103

MAT 5625

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

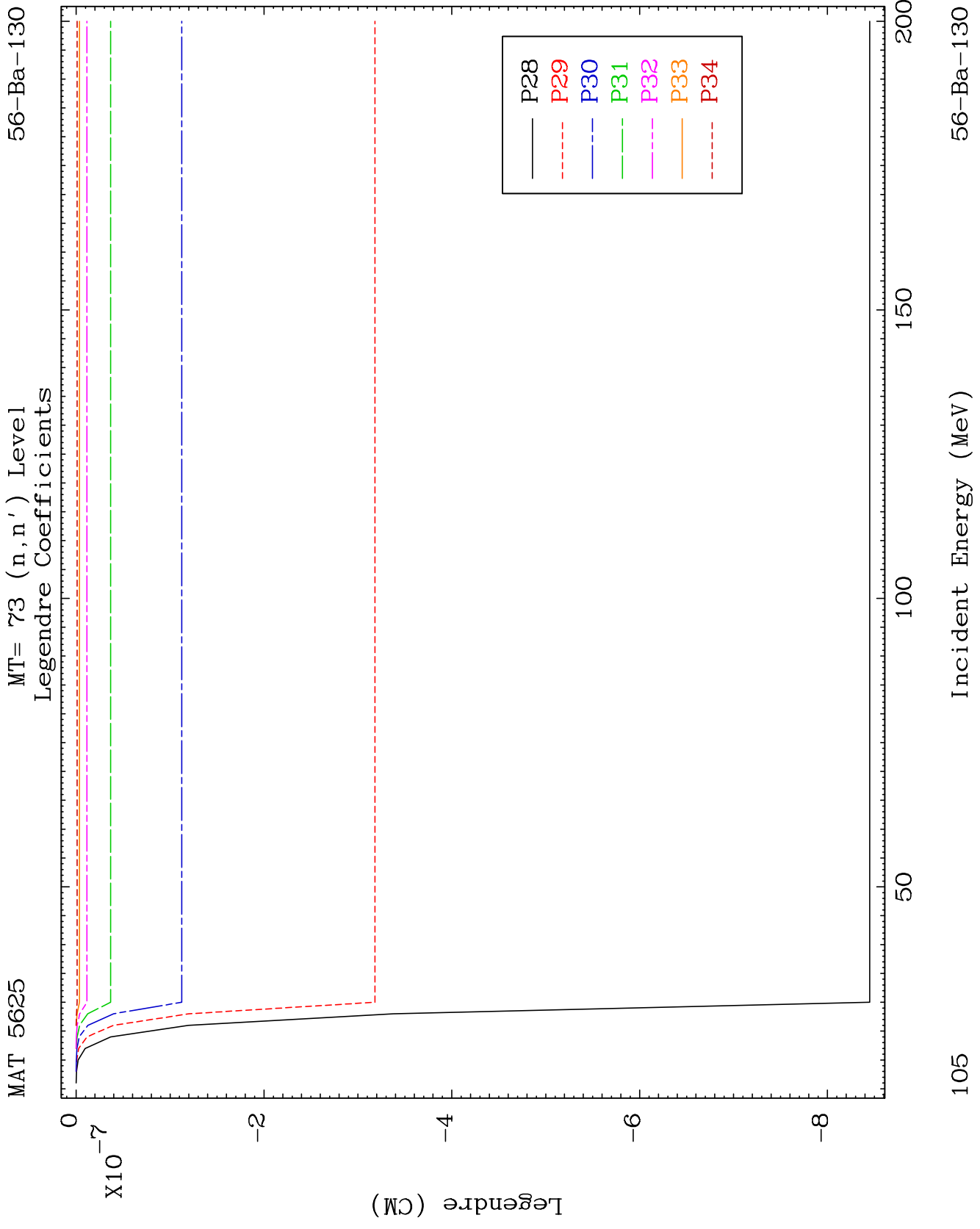
56-Ba-130

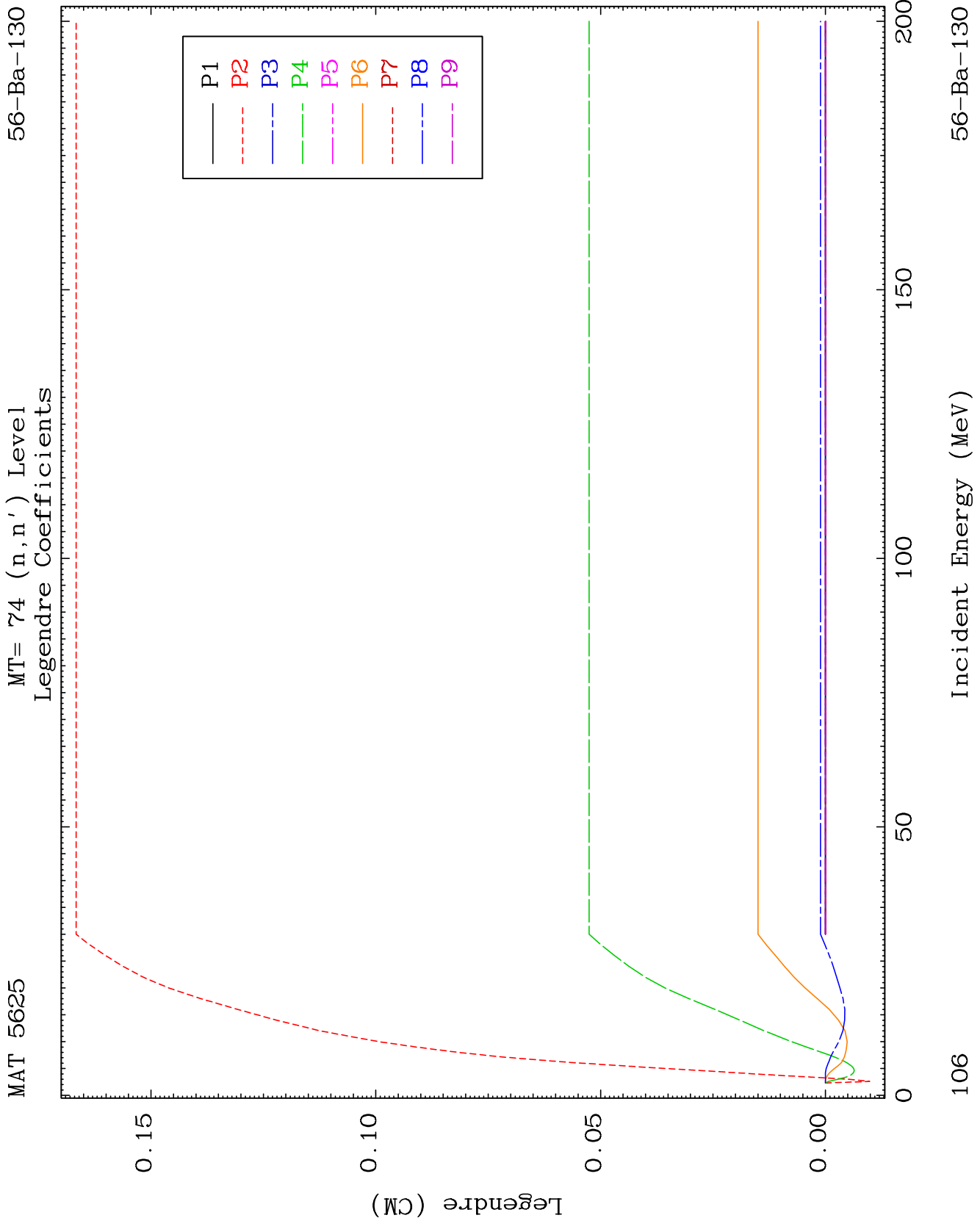


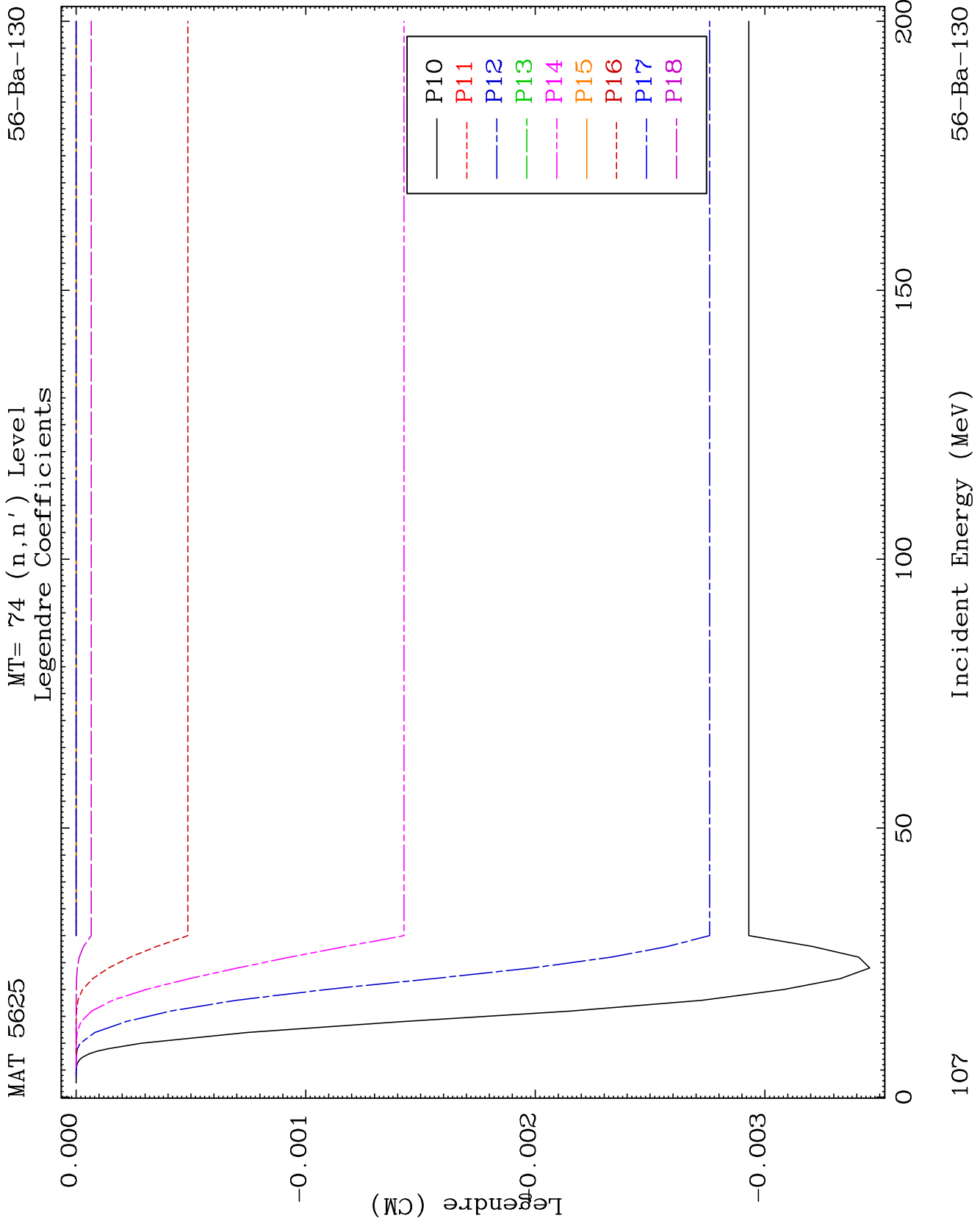
104

Incident Energy (MeV)

56-Ba-130



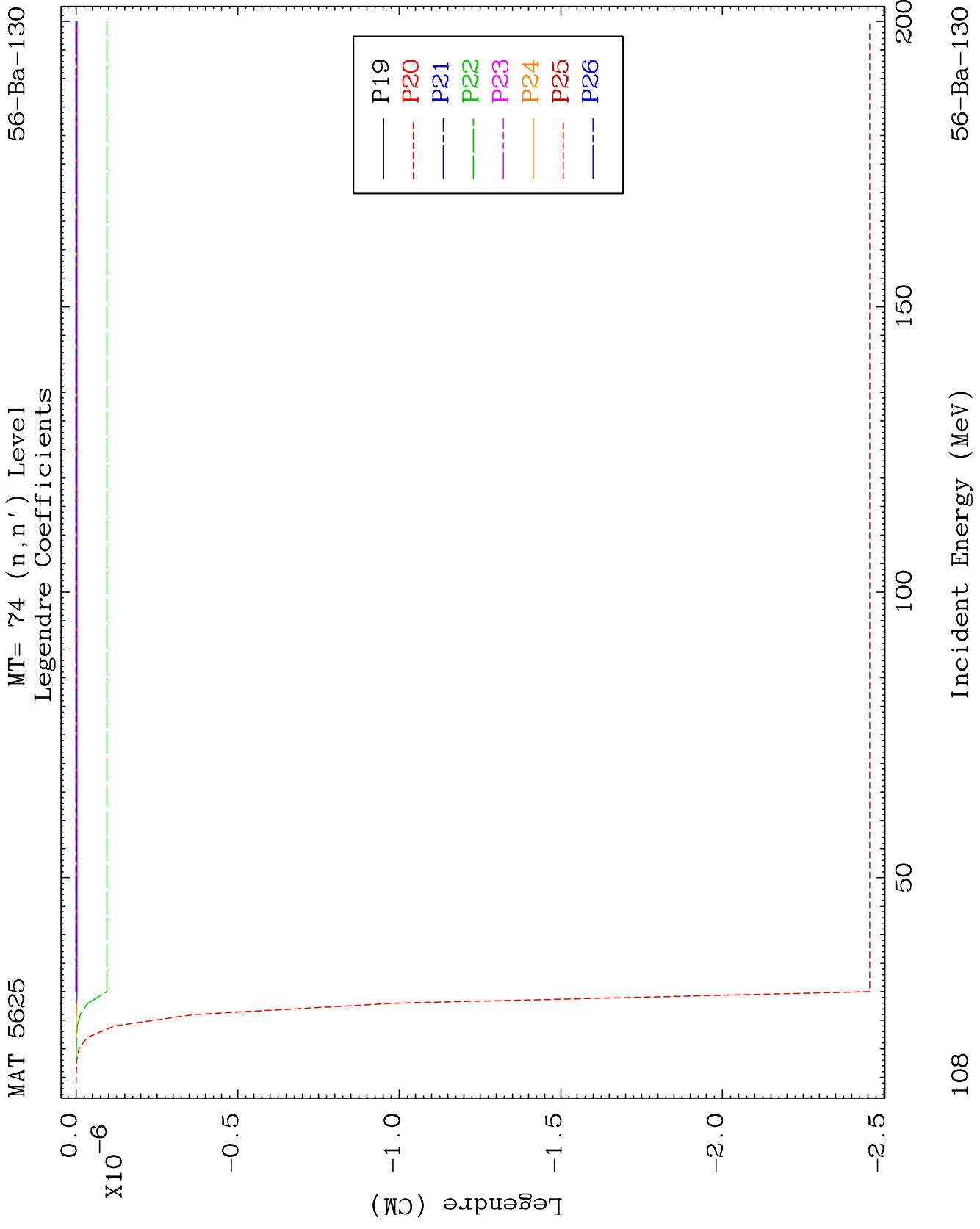




56-Ba-130

Incident Energy (MeV)

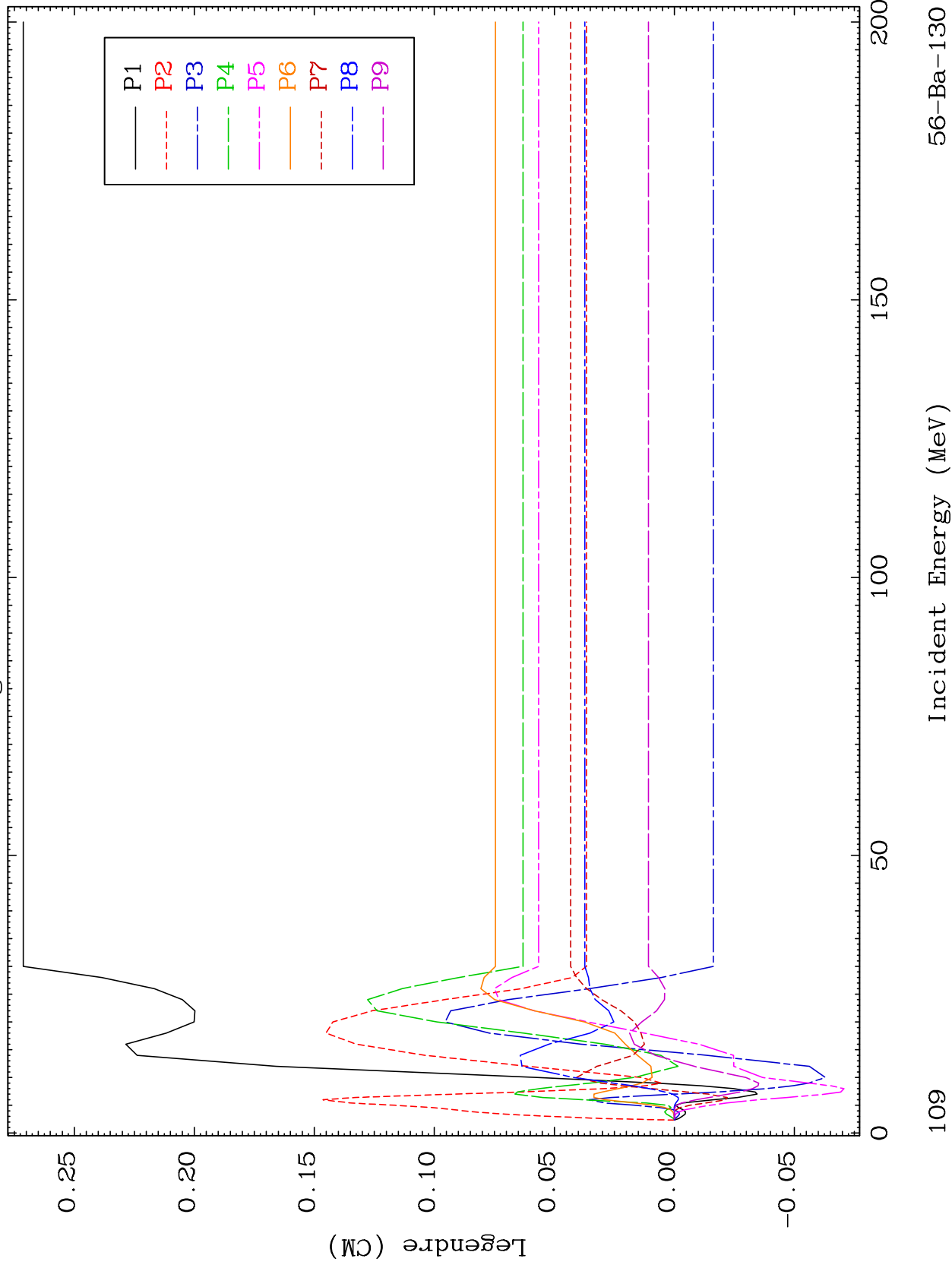
107



MAT 5625

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

56-Ba-130



56-Ba-130

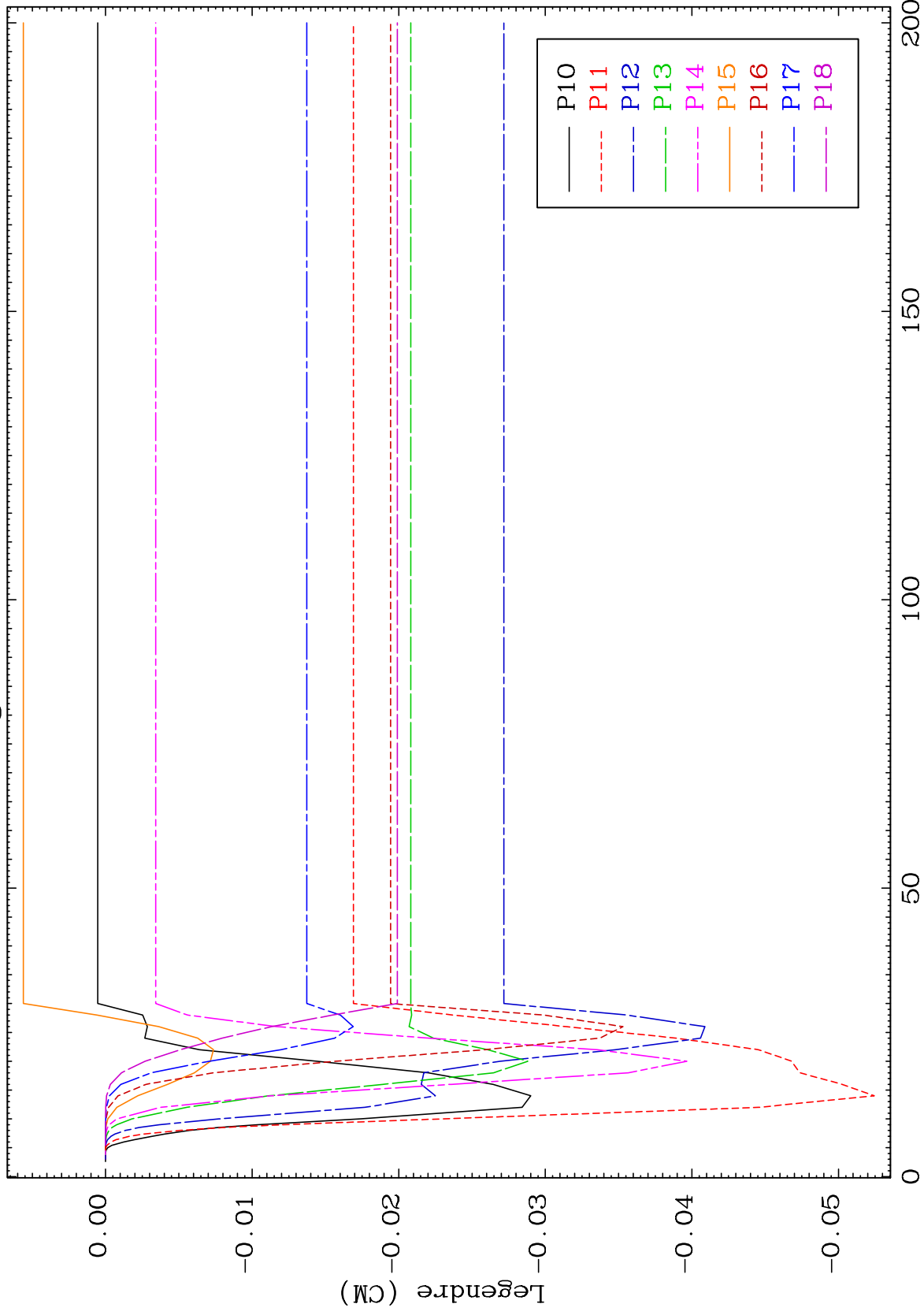
Incident Energy (MeV)

109

MAT 5625

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

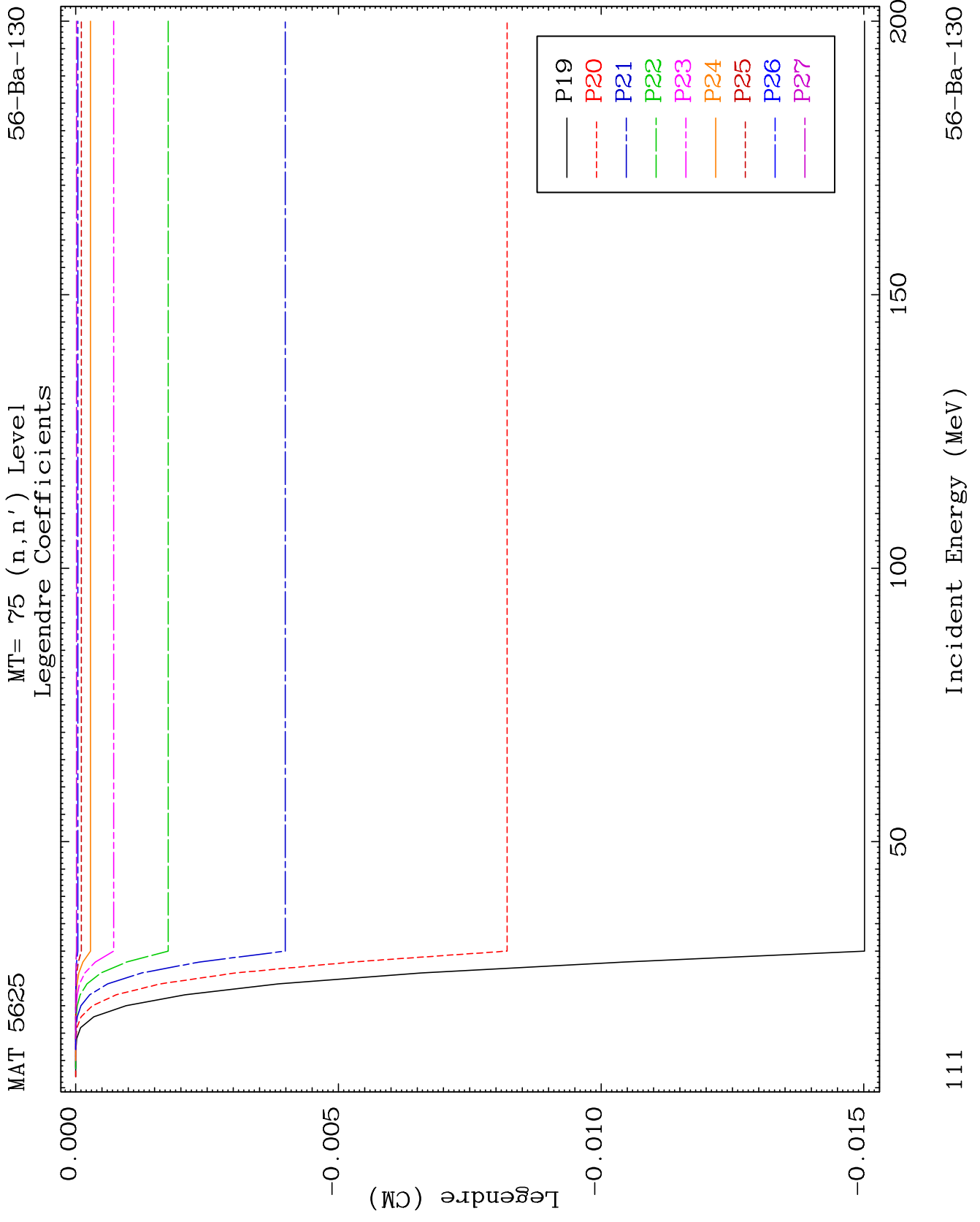
56-Ba-130

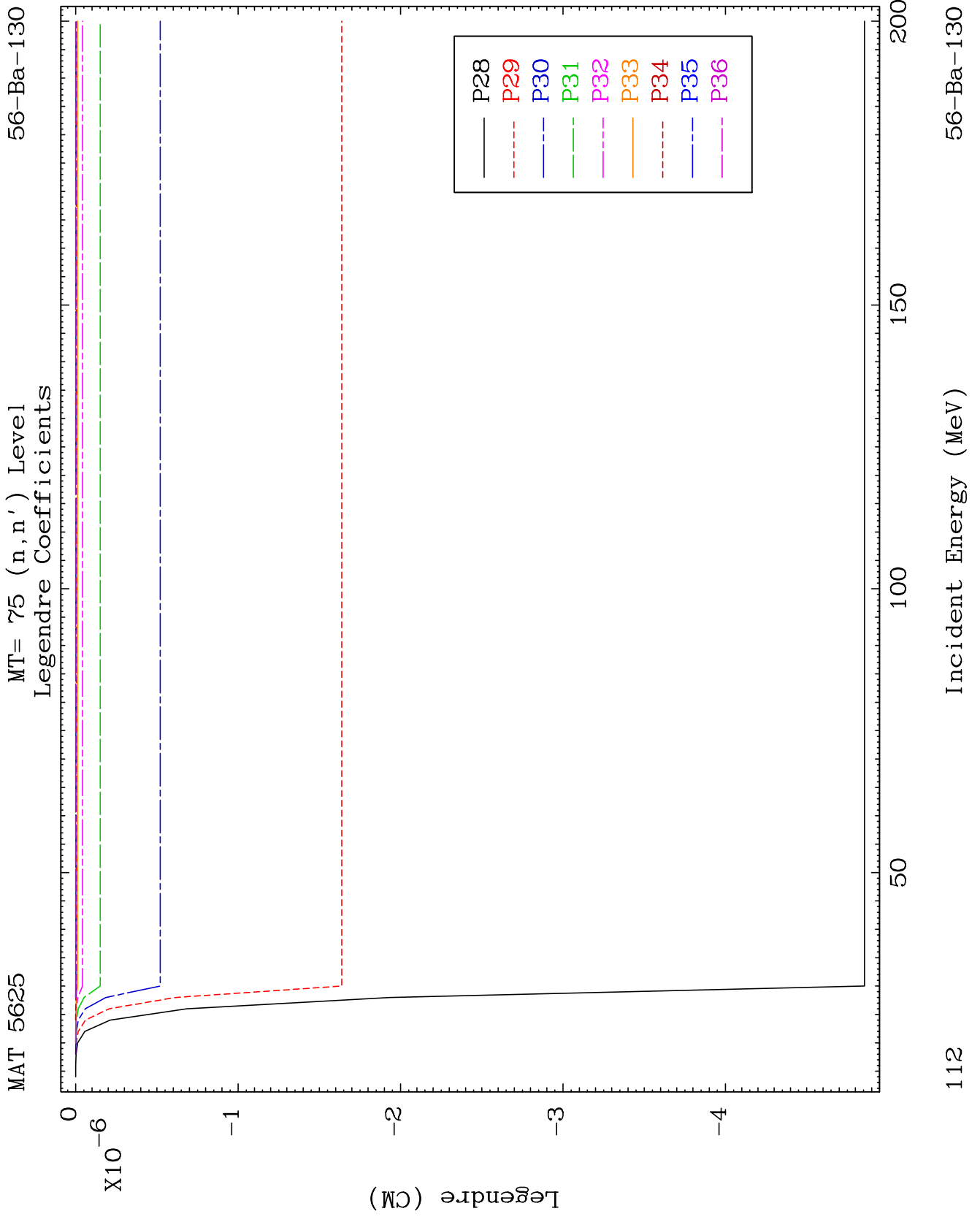


56-Ba-130

Incident Energy (MeV)

110

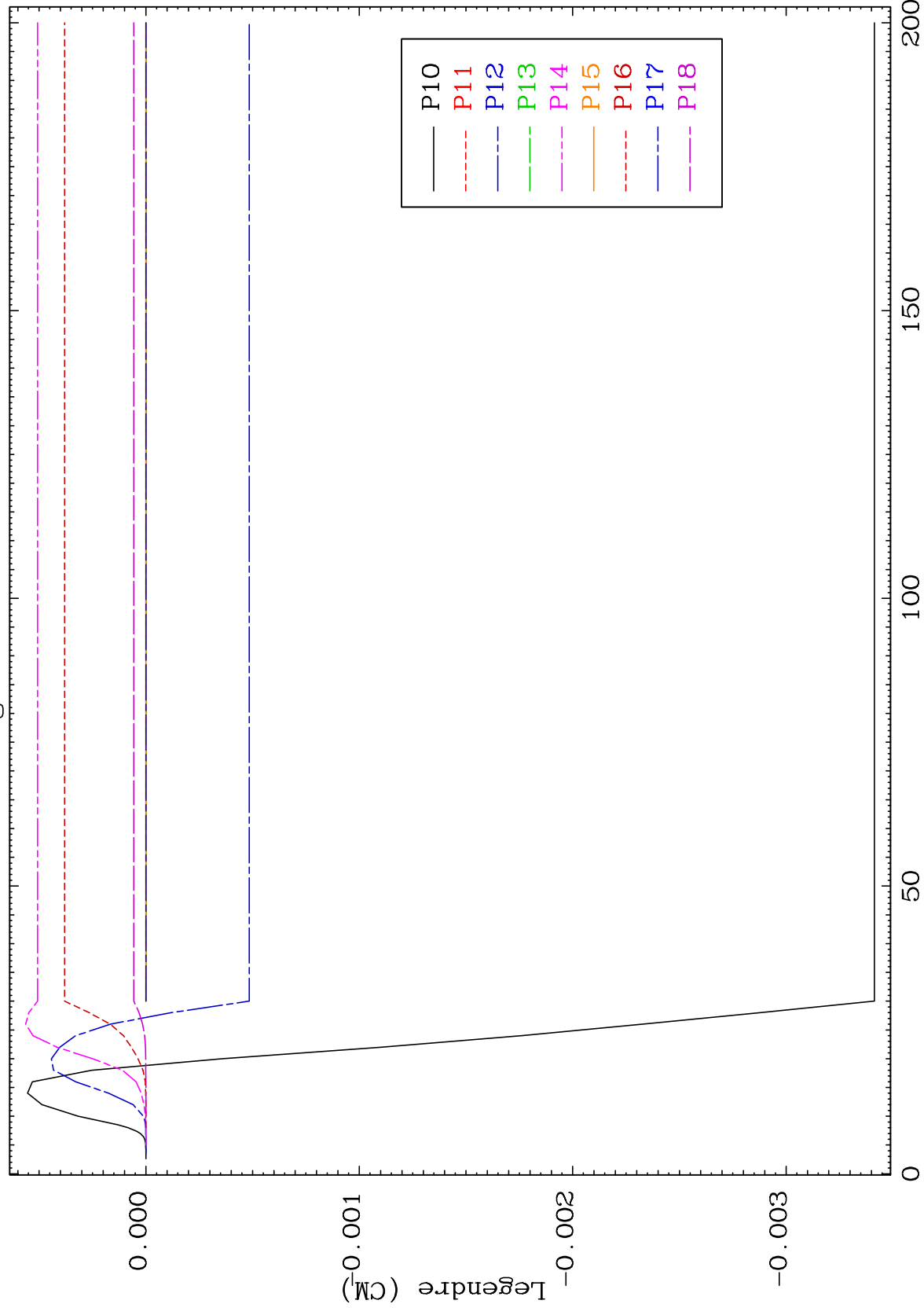




MAT 5625

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

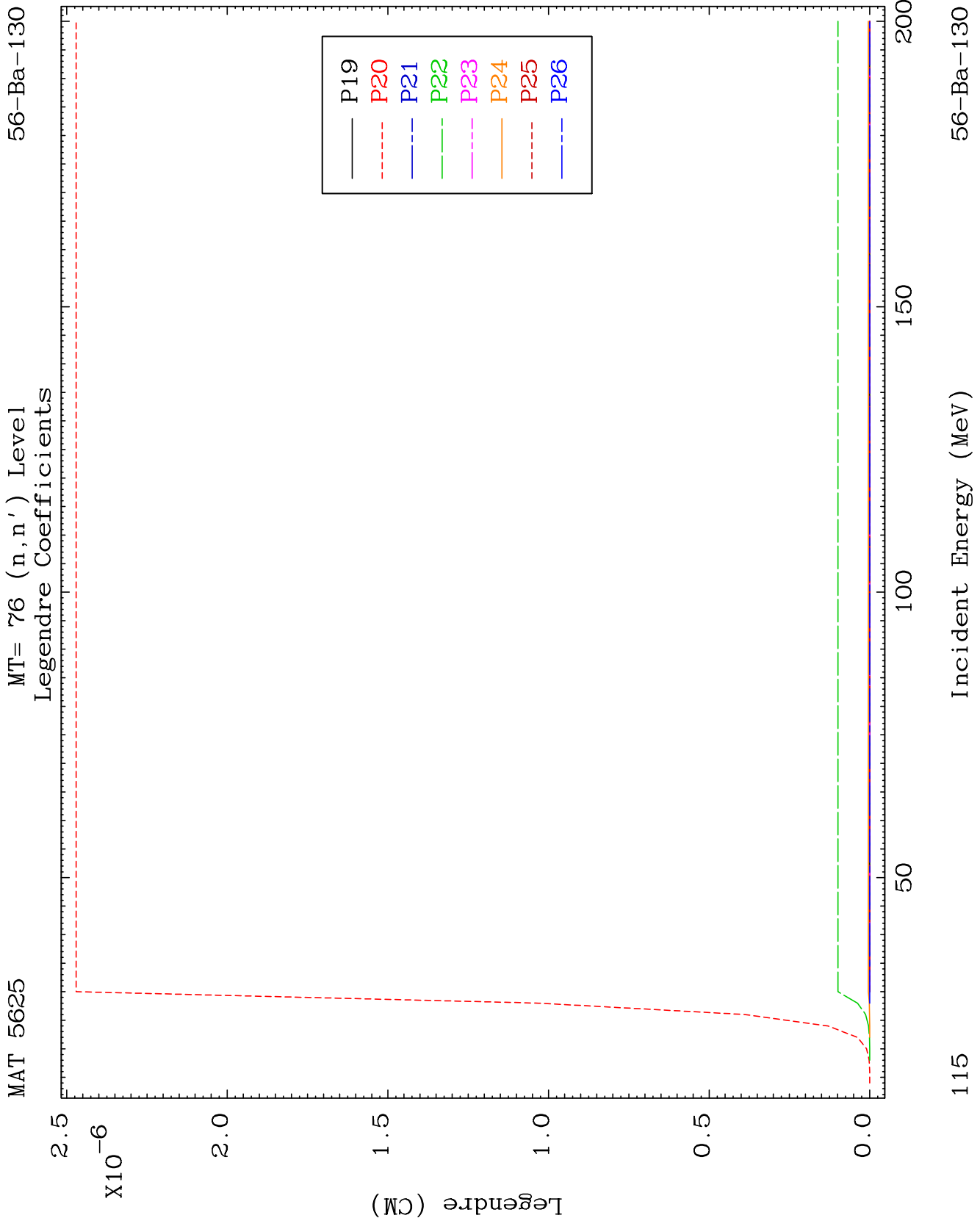
56-Ba-130



114

Incident Energy (MeV)

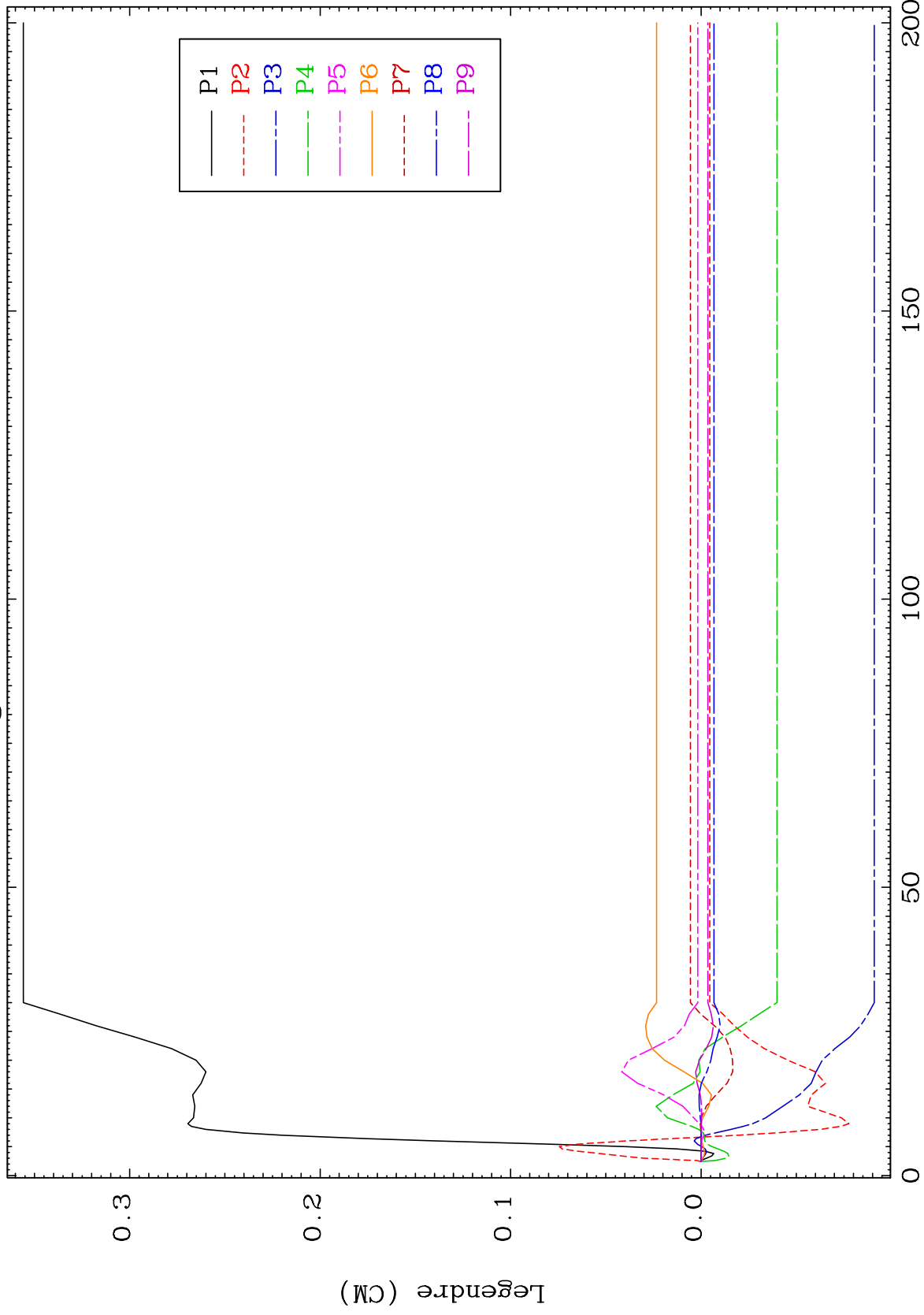
56-Ba-130



MAT 5625

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

56-Ba-130



116

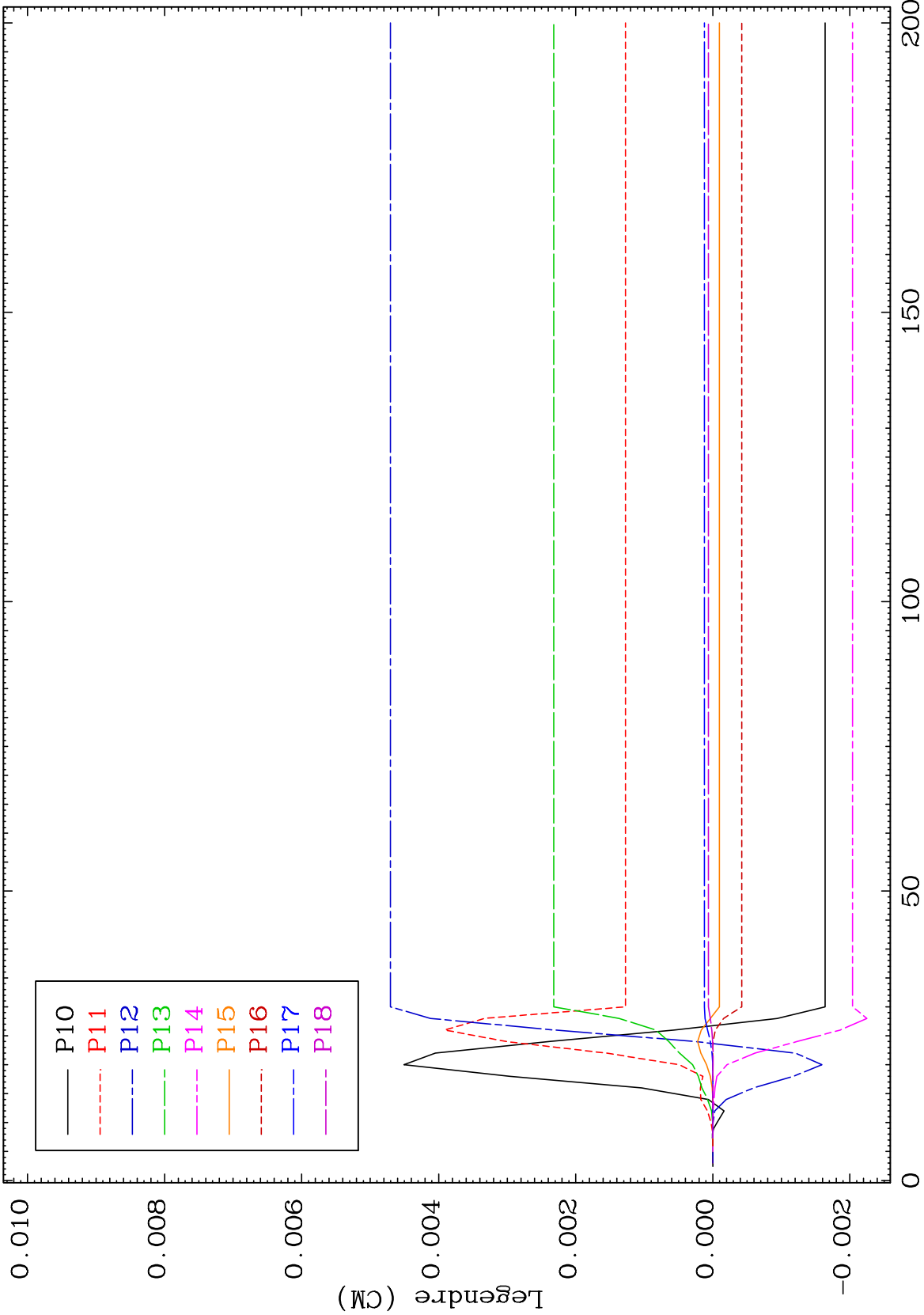
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

56-Ba-130



117

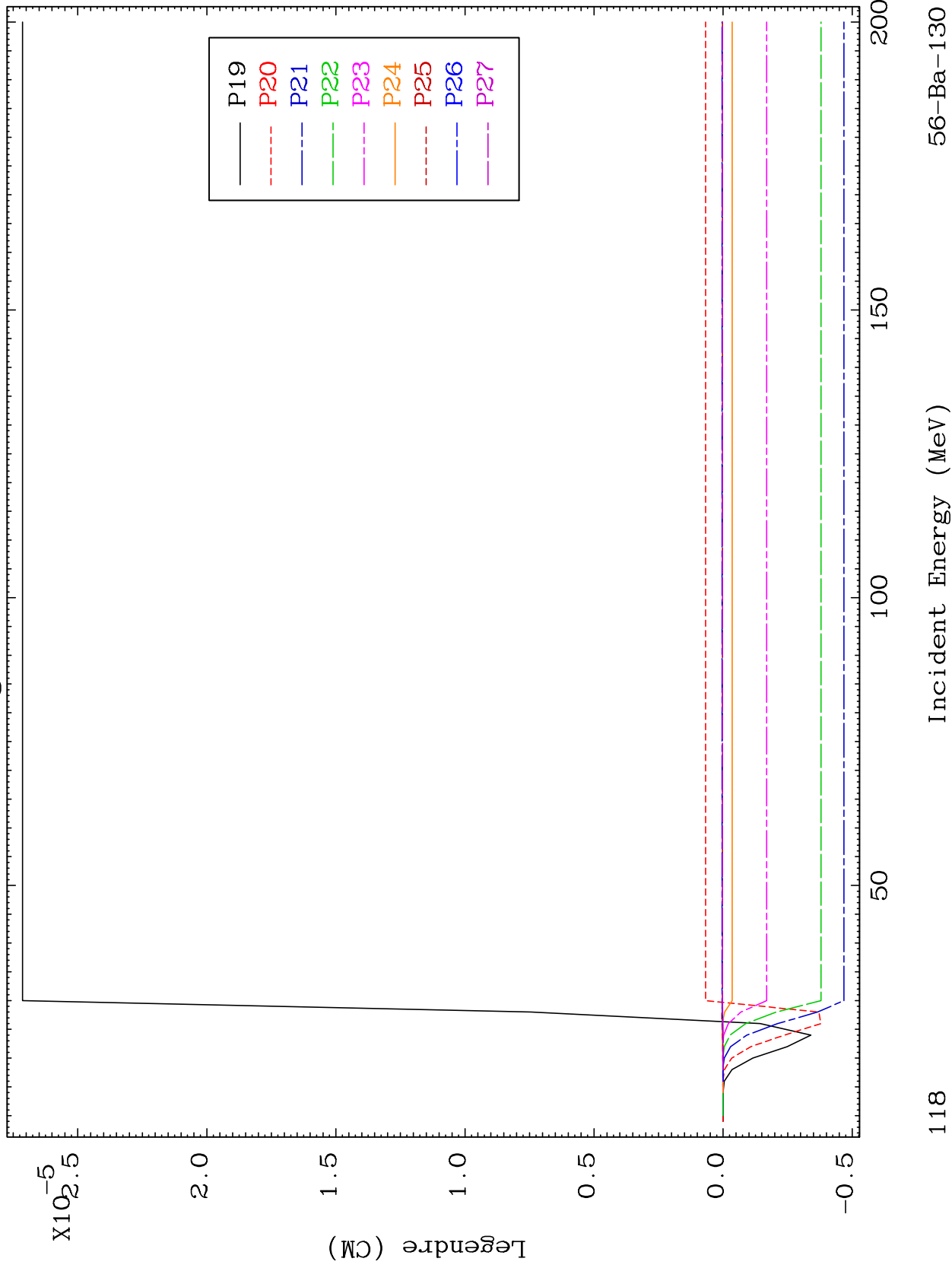
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

56-Ba-130

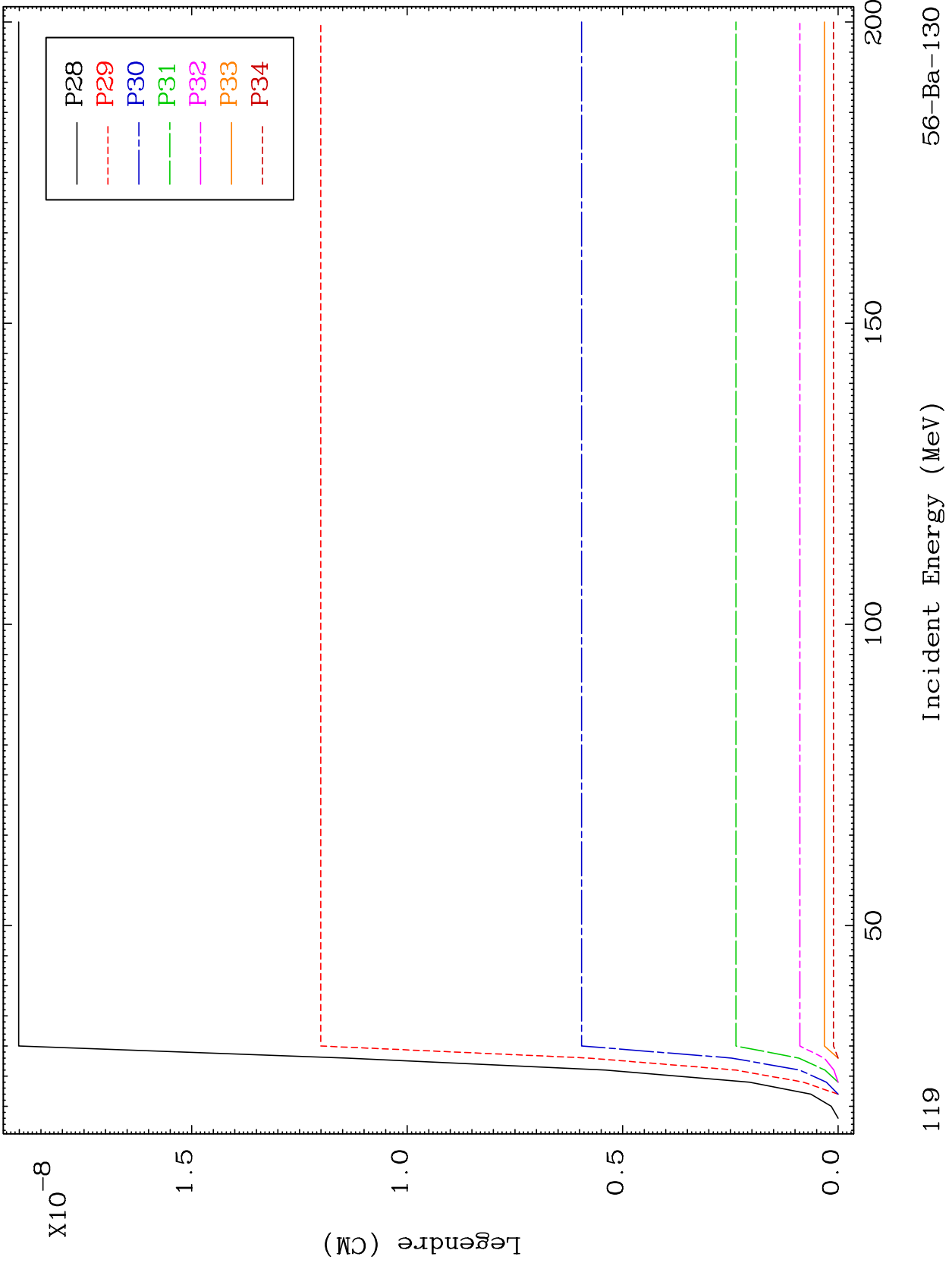


118

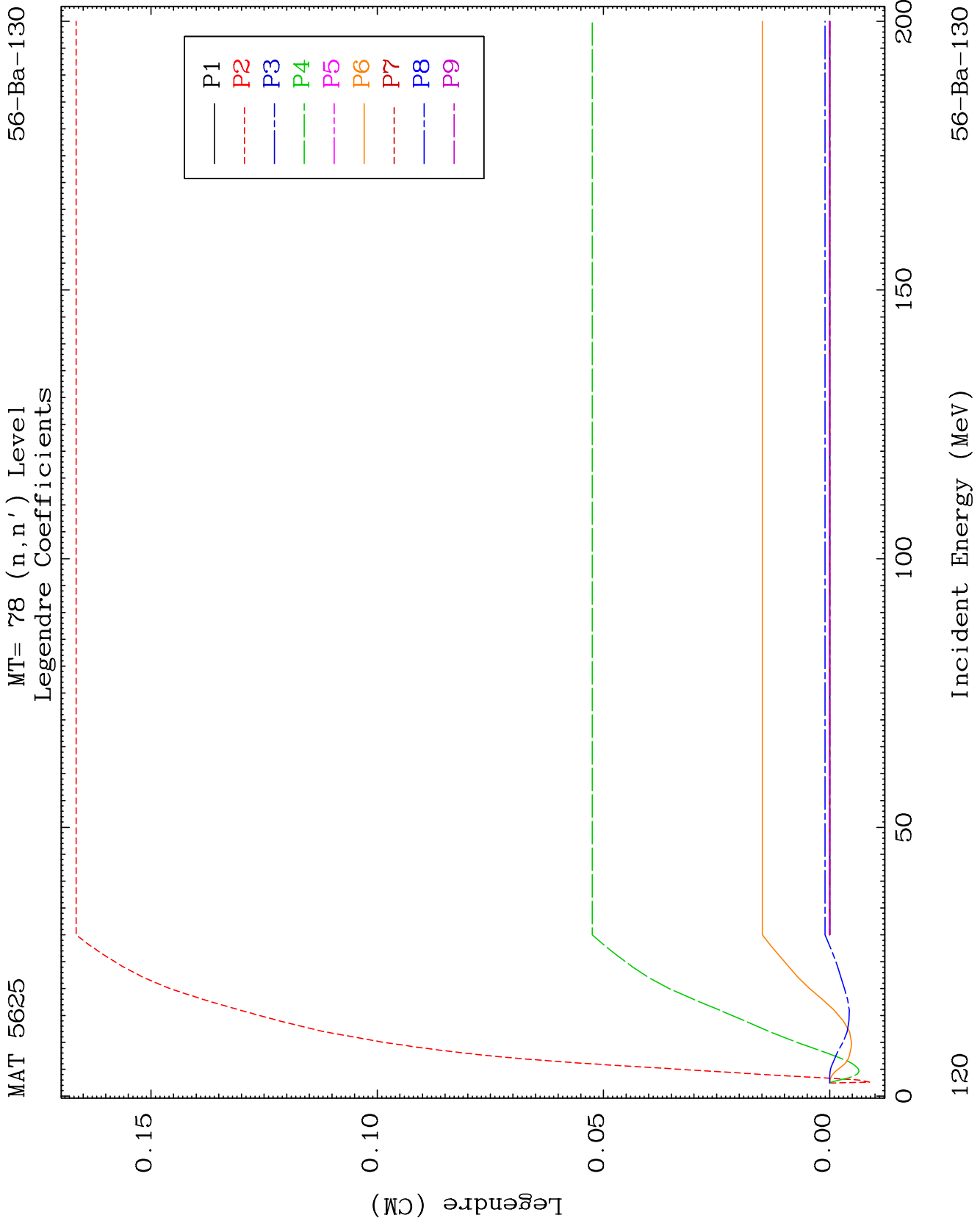
MAT 5625

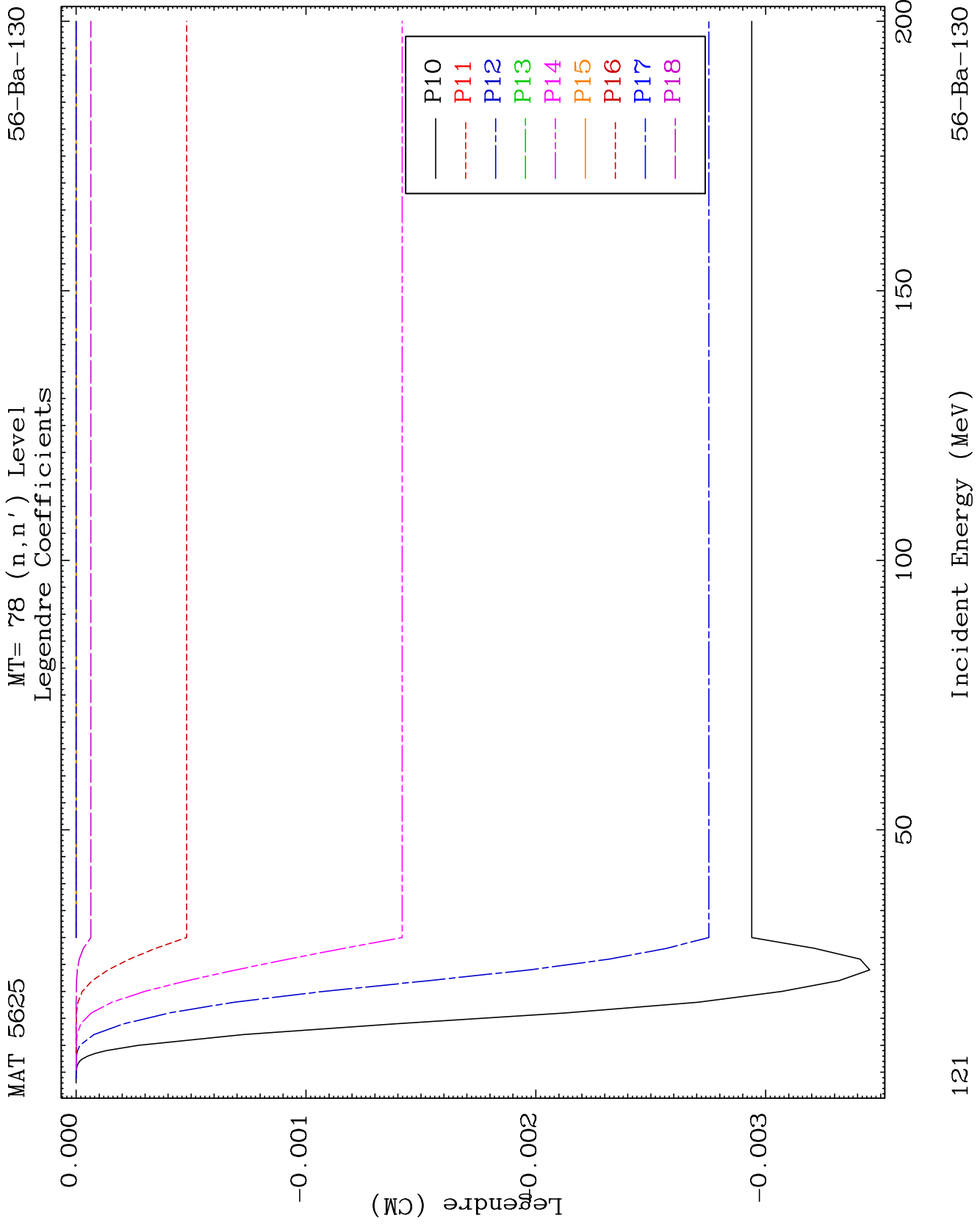
MT= 77 (n,n') Level
Legendre Coefficients

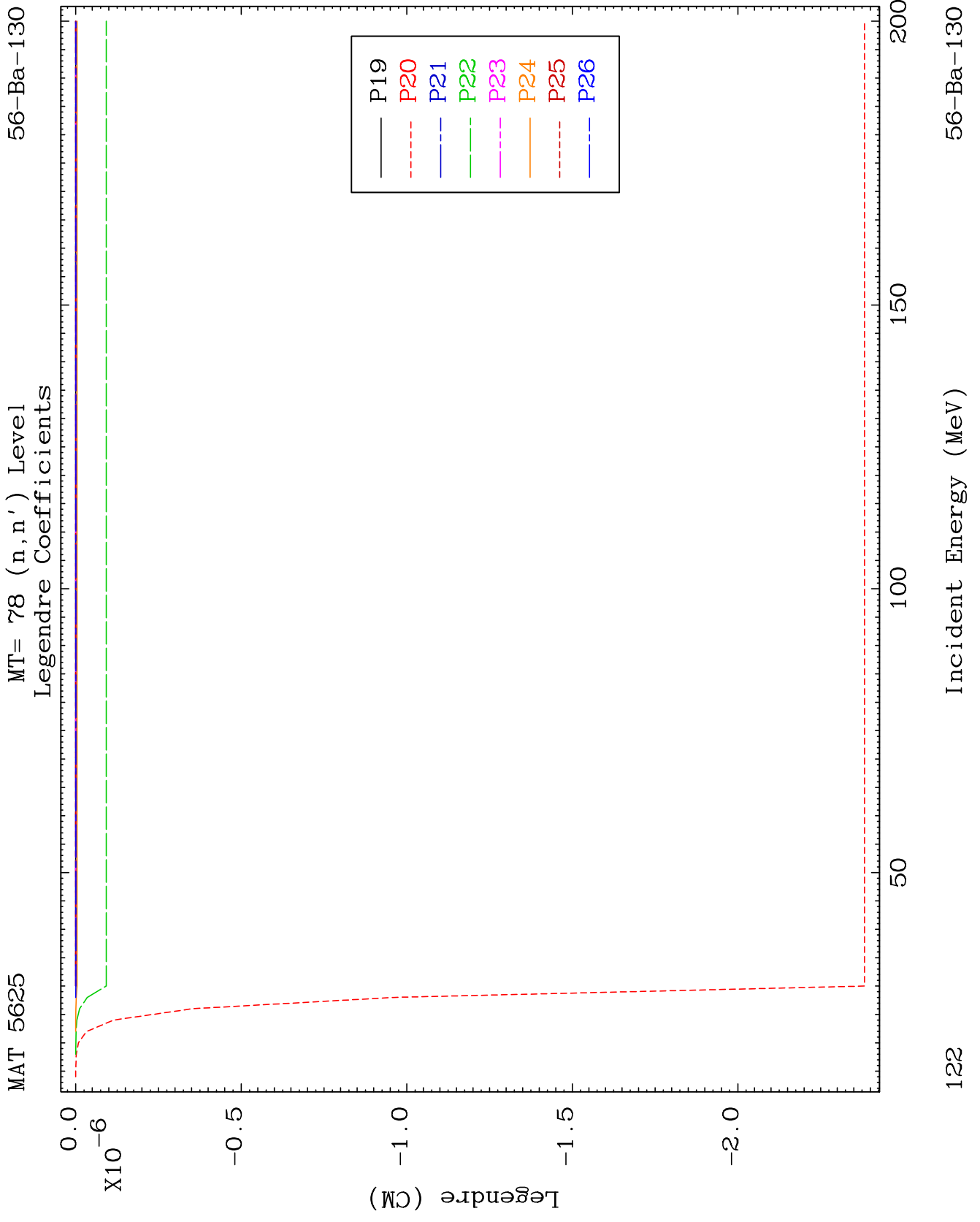
56-Ba-130



119



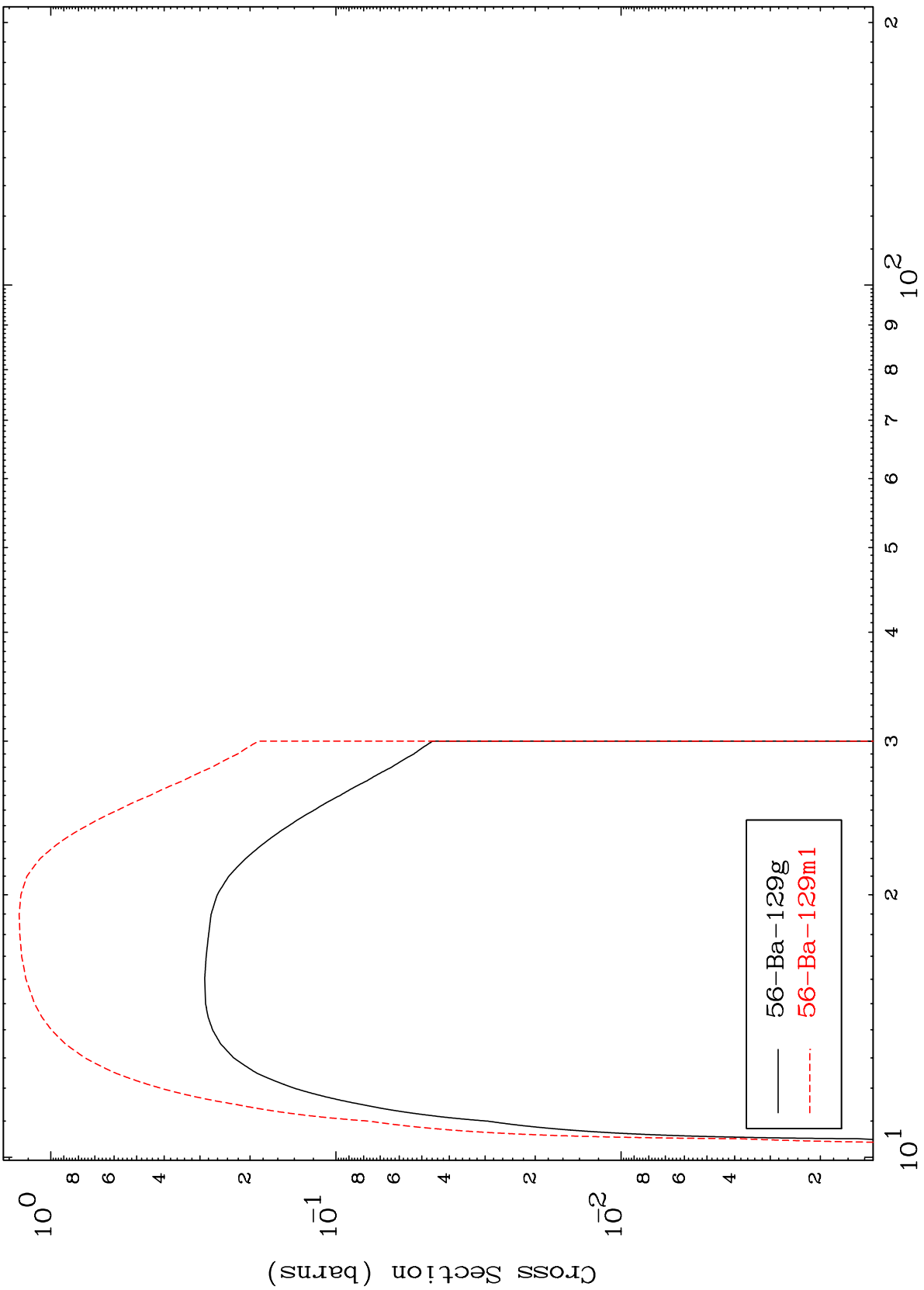




MAT 5625

56-Ba-130

(n,2n)
Radionuclide Production Cross Section



56-Ba-129g
56-Ba-129m1

56-Ba-130

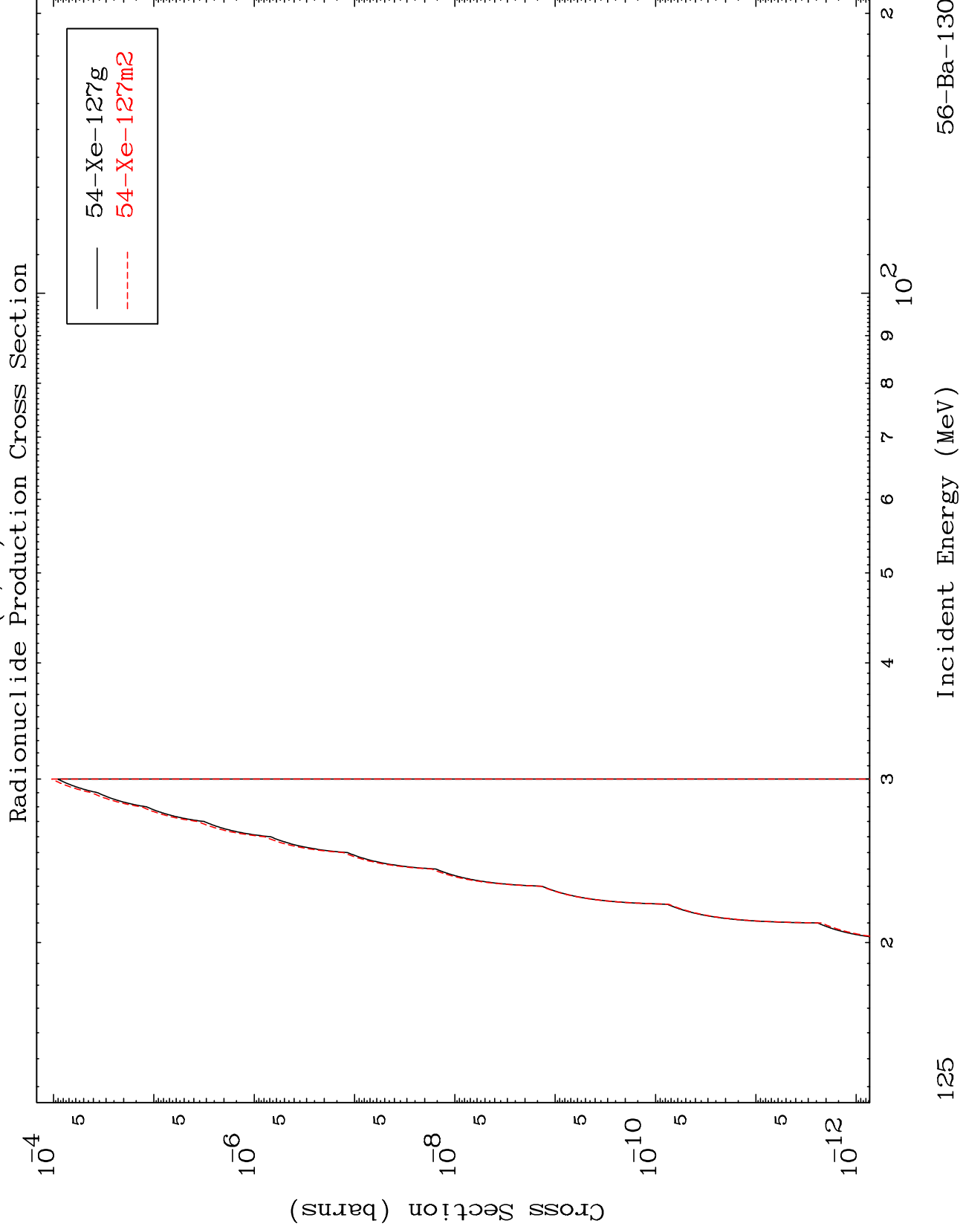
Incident Energy (MeV)

123

MAT 5625

(n,n') He-3

56-Ba-130



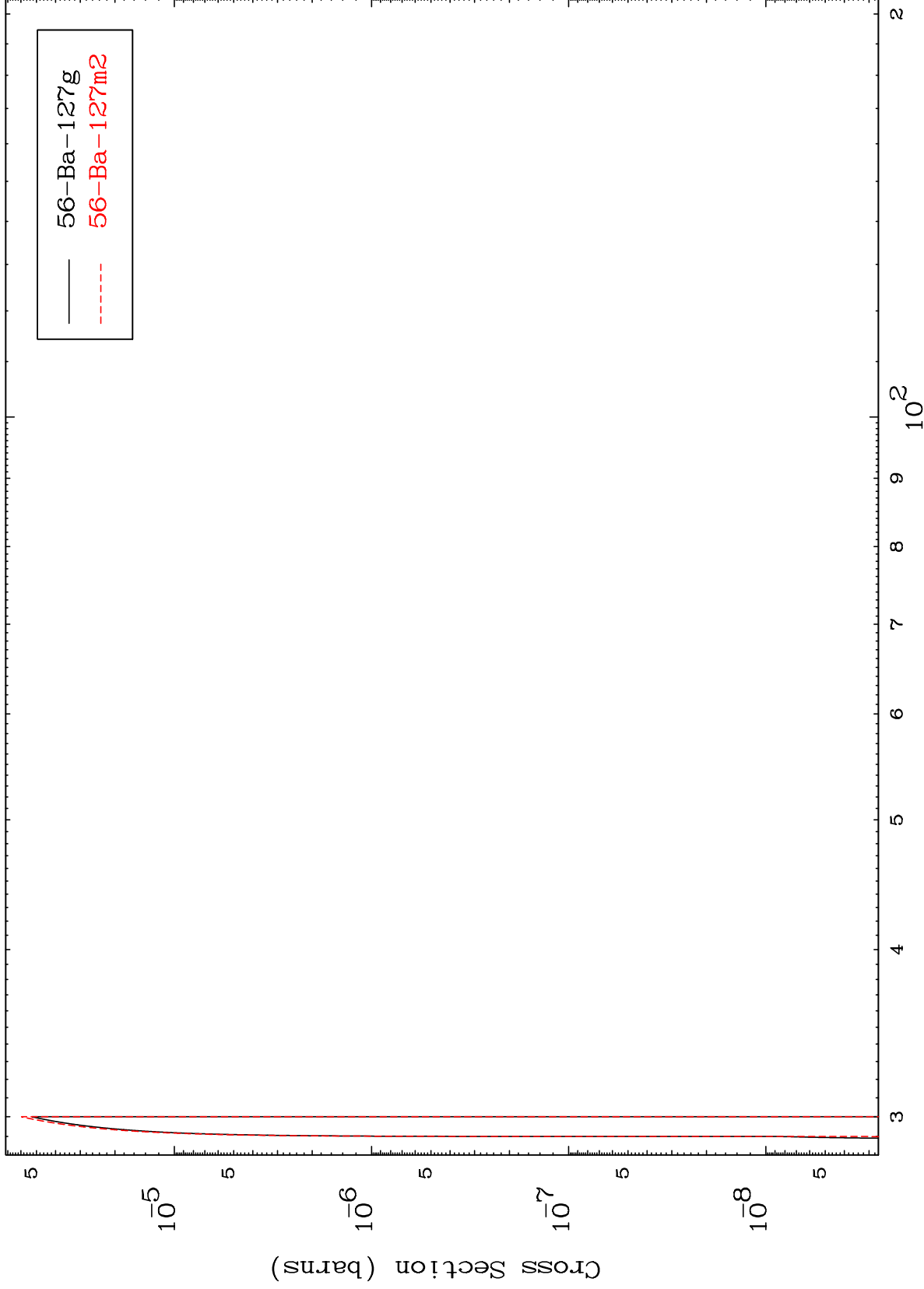
125

56-Ba-130

MAT 5625

56-Ba-130

(n,4n)
Radionuclide Production Cross Section

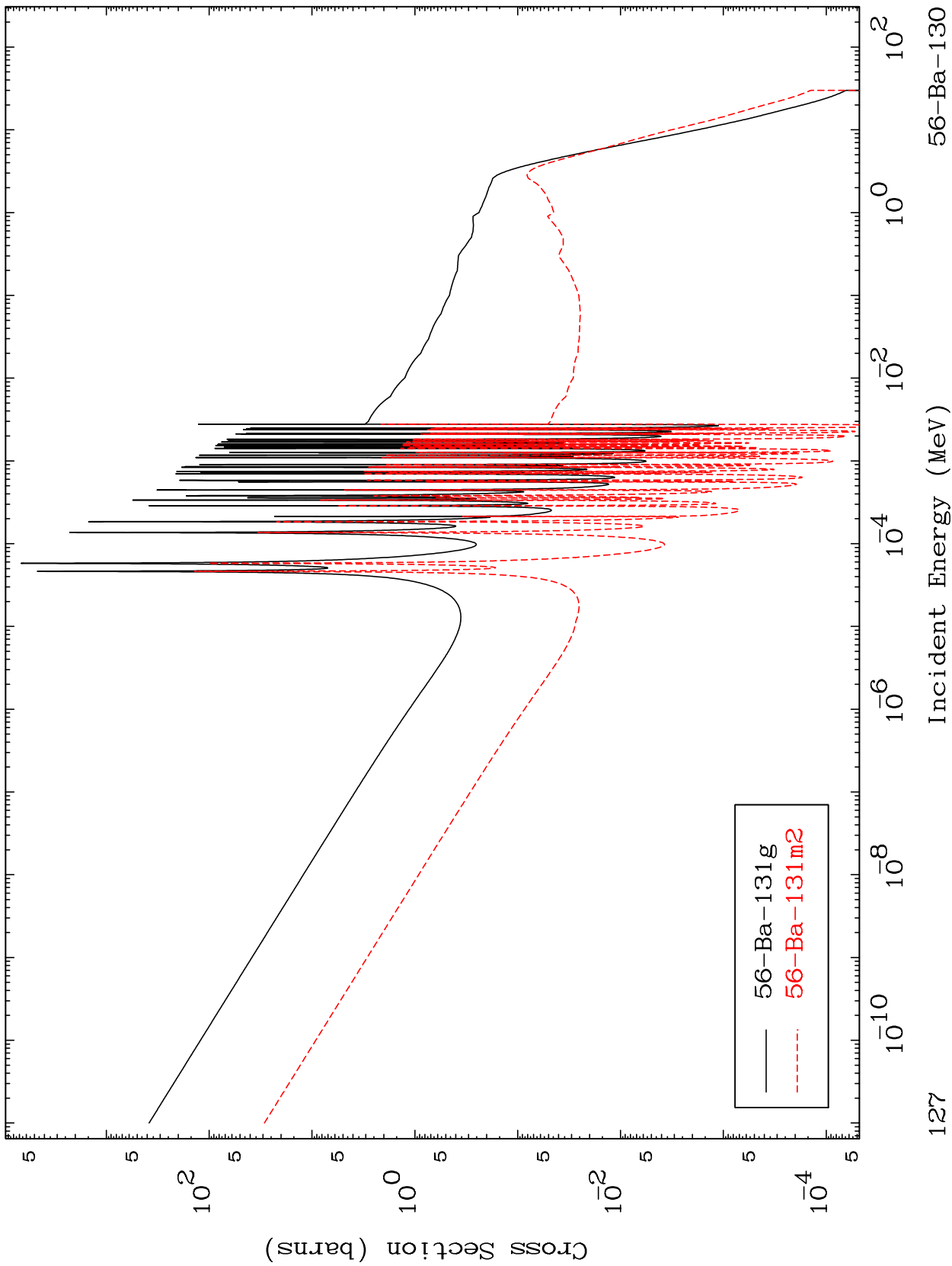


126

56-Ba-130

Incident Energy (MeV)

(n, γ)
Radionuclide Production Cross Section

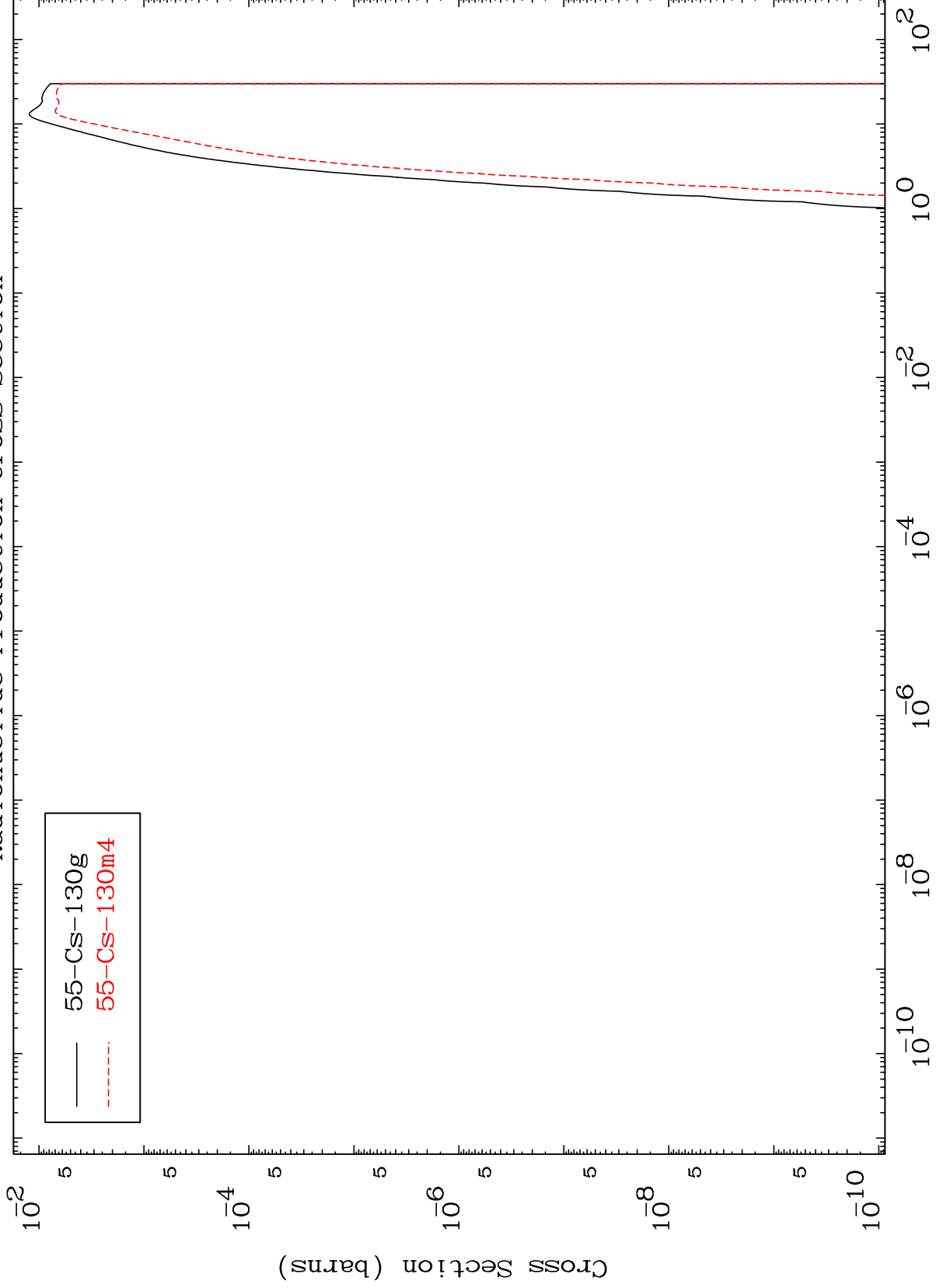


MAT 5625

(n,p)

56-Ba-130

Radionuclide Production Cross Section



128

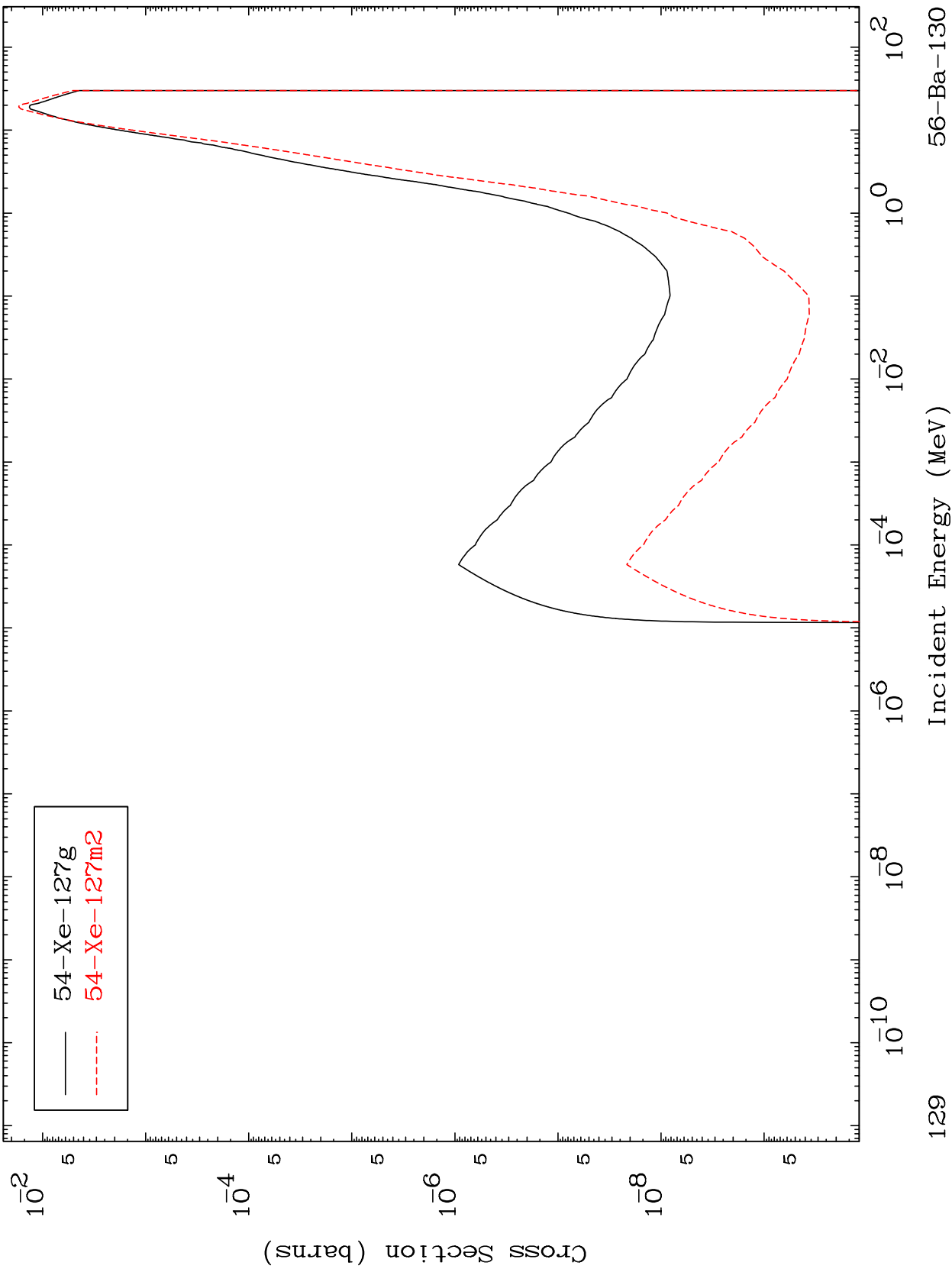
Incident Energy (MeV)

56-Ba-130

MAT 5625

56-Ba-130

(n, α)
Radionuclide Production Cross Section



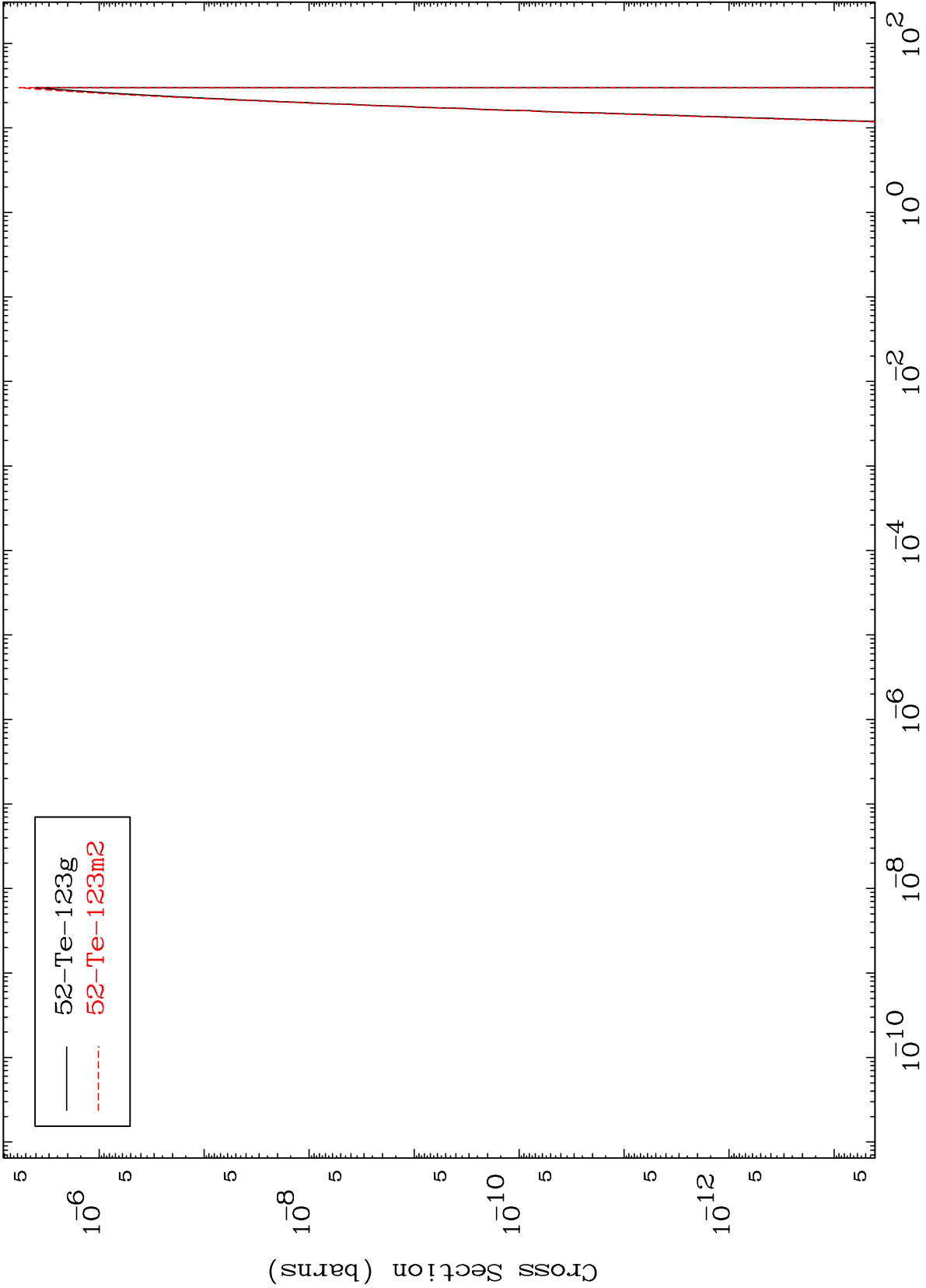
— 54-Xe-127g
- - - 54-Xe-127m2

MAT 5625

(n,2α)

56-Ba-130

Radionuclide Production Cross Section



52-Te-123g
52-Te-123m2

130

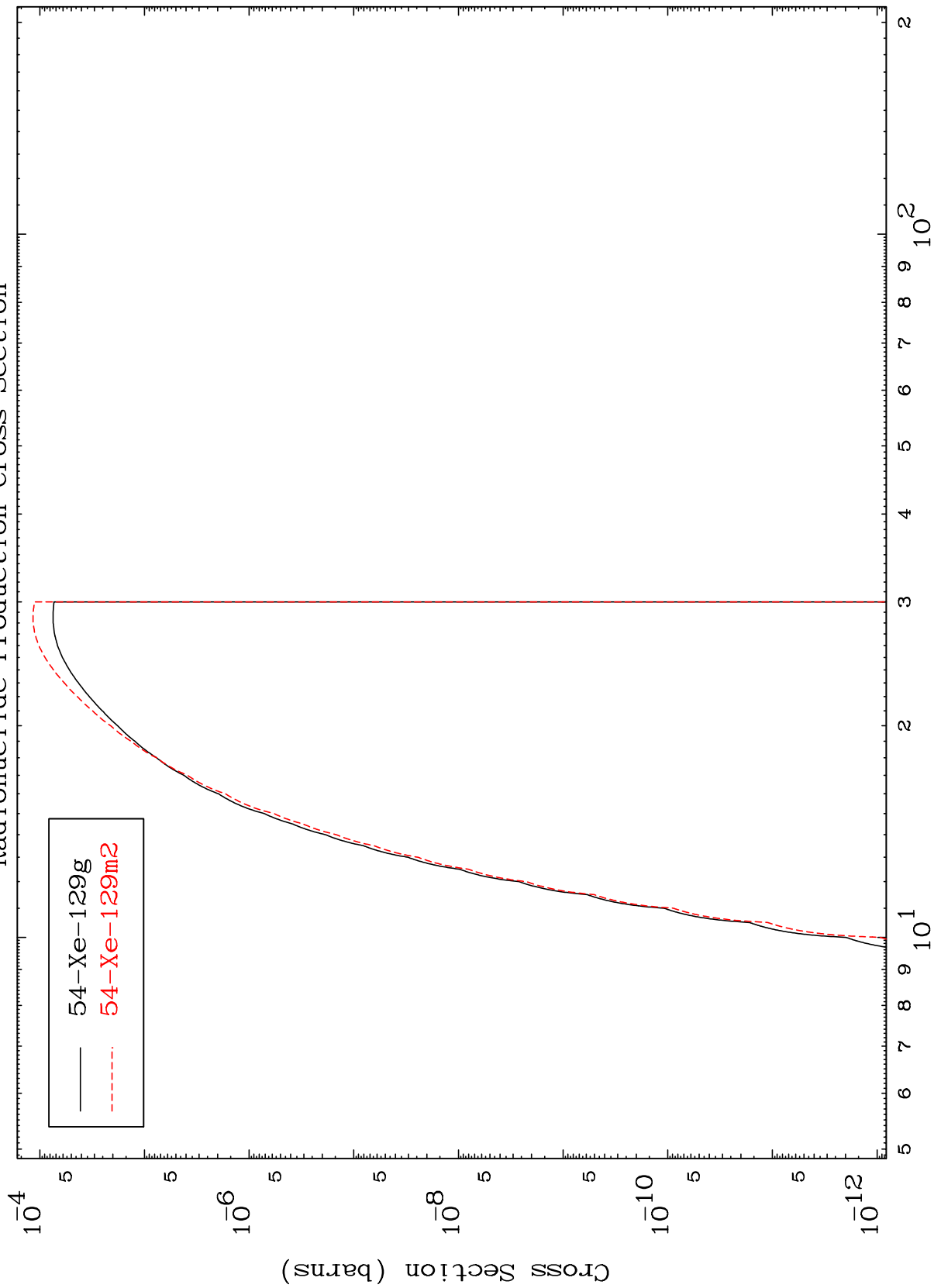
Incident Energy (MeV)

56-Ba-130

MAT 5625

56-Ba-130

(n,2p)
Radionuclide Production Cross Section



131

Incident Energy (MeV)

56-Ba-130

