

Program EVALPLOT
(Version 2021-1)

by

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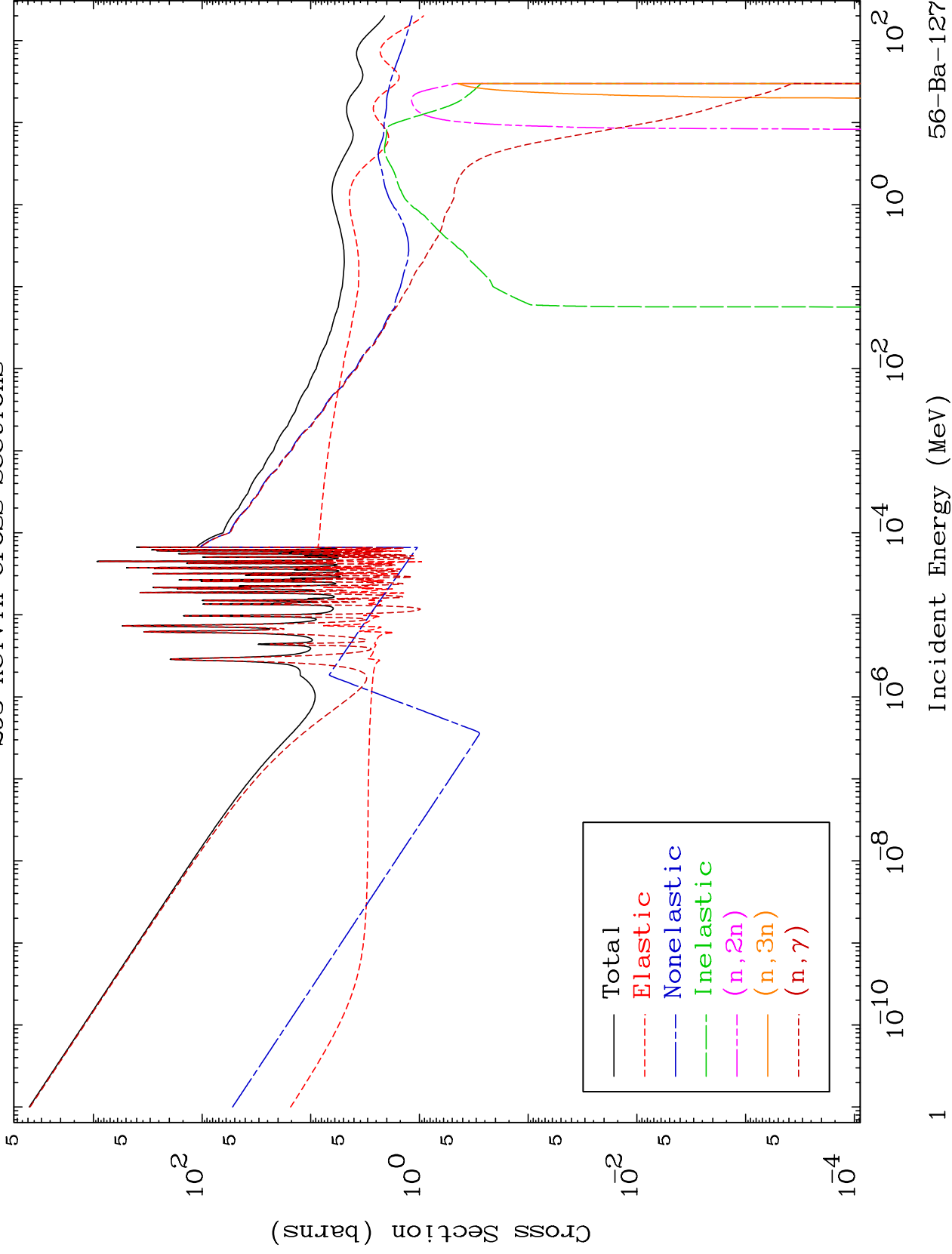
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Press Mouse Button to Start

MAT 5616

Neutron Major
293 Kelvin Cross Sections

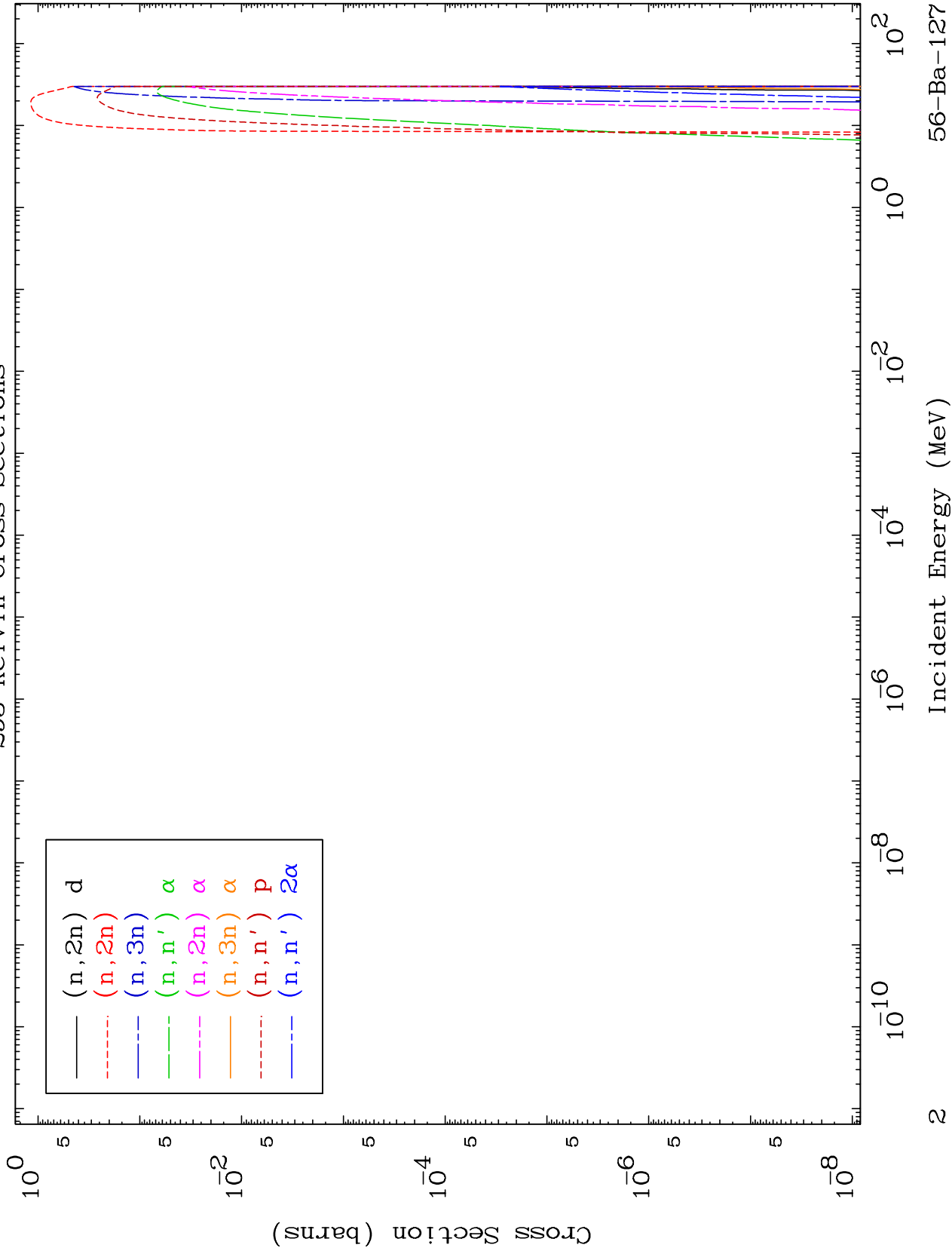
56-Ba-127



MAT 5616

Neutron Absorption
293 Kelvin Cross Sections

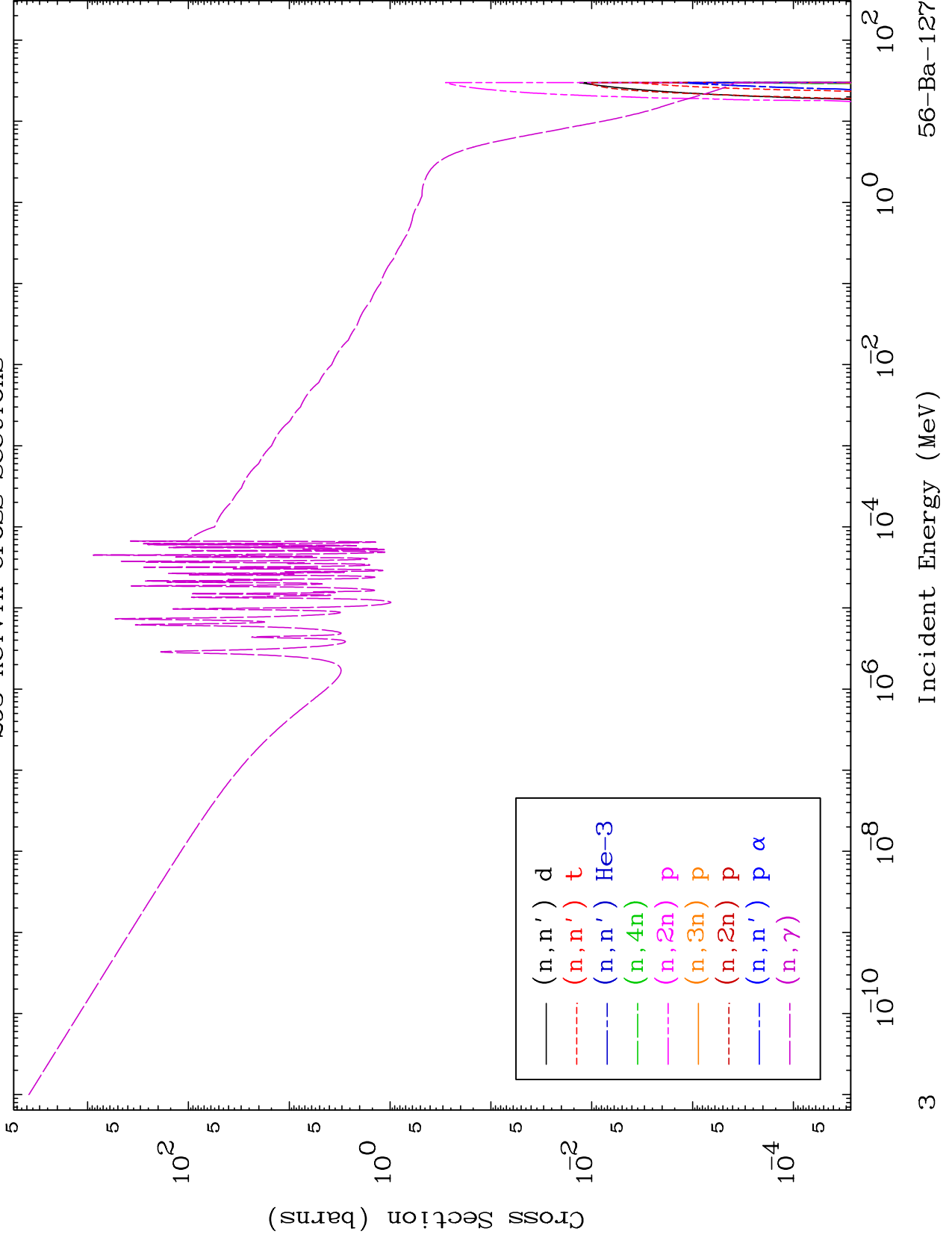
56-Ba-127



MAT 5616

Neutron Absorption
293 Kelvin Cross Sections

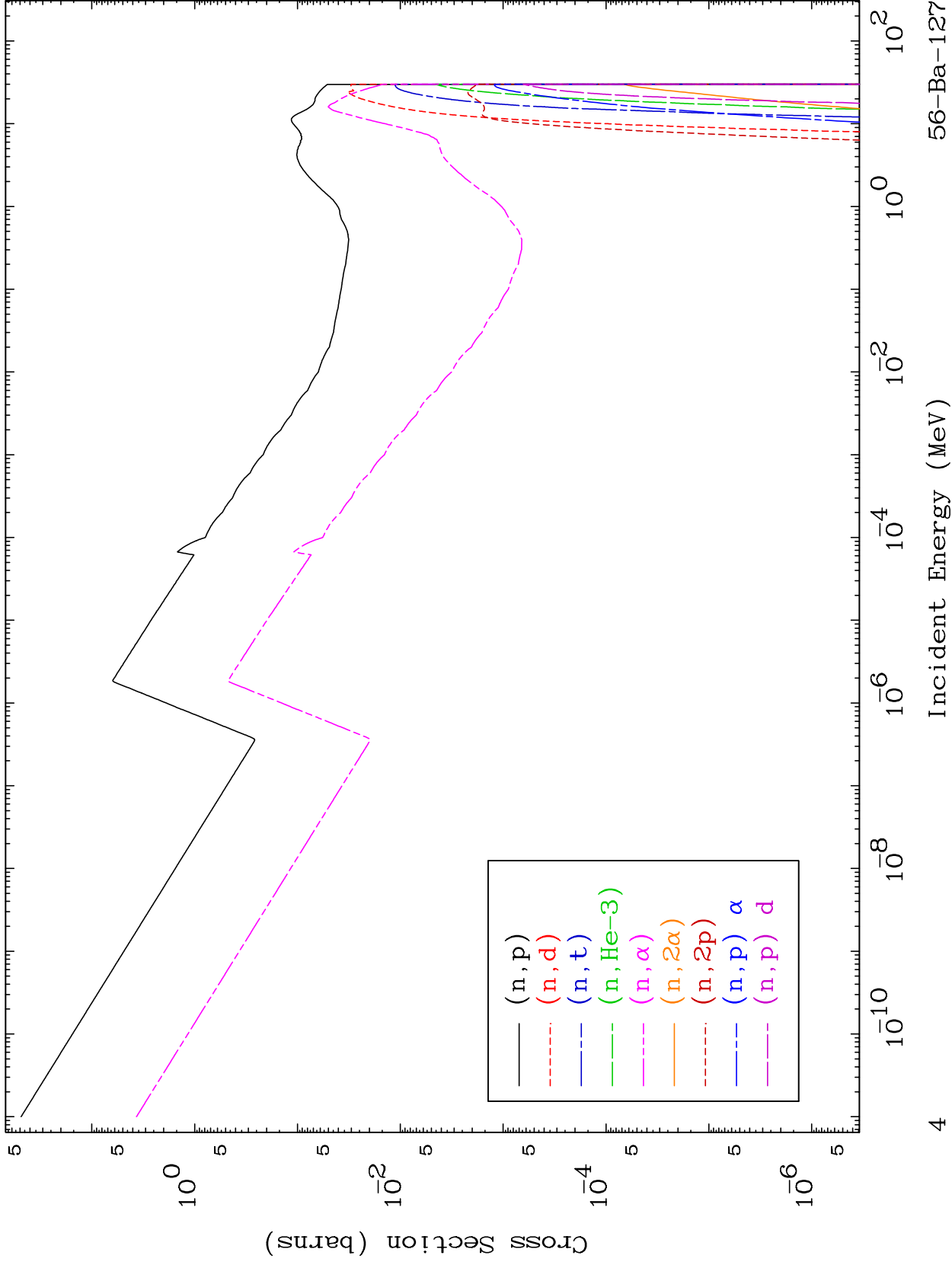
56-Ba-127



MAT 5616

Neutron Absorption
293 Kelvin Cross Sections

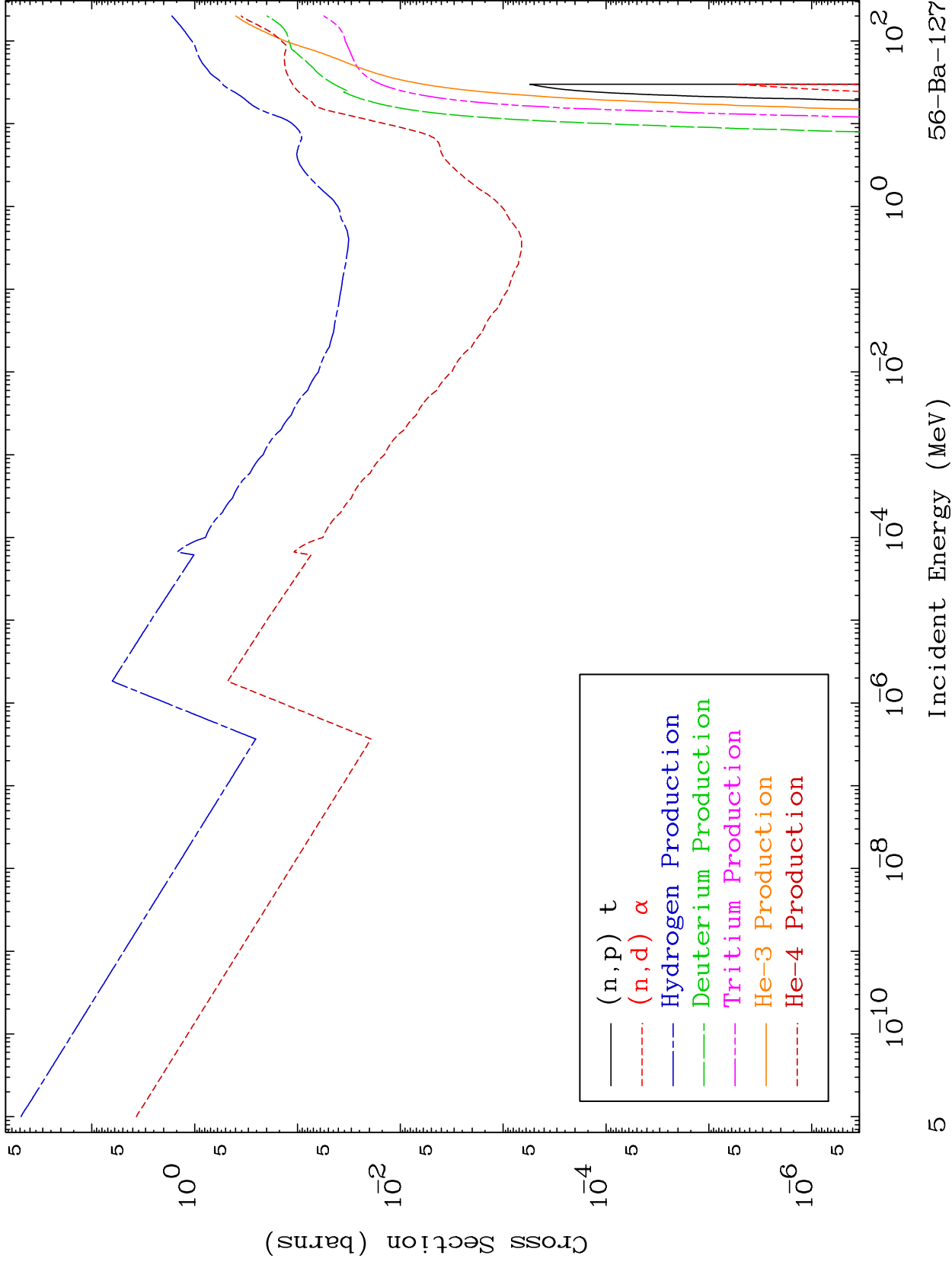
56-Ba-127



MAT 5616

Neutron Absorption
293 Kelvin Cross Sections

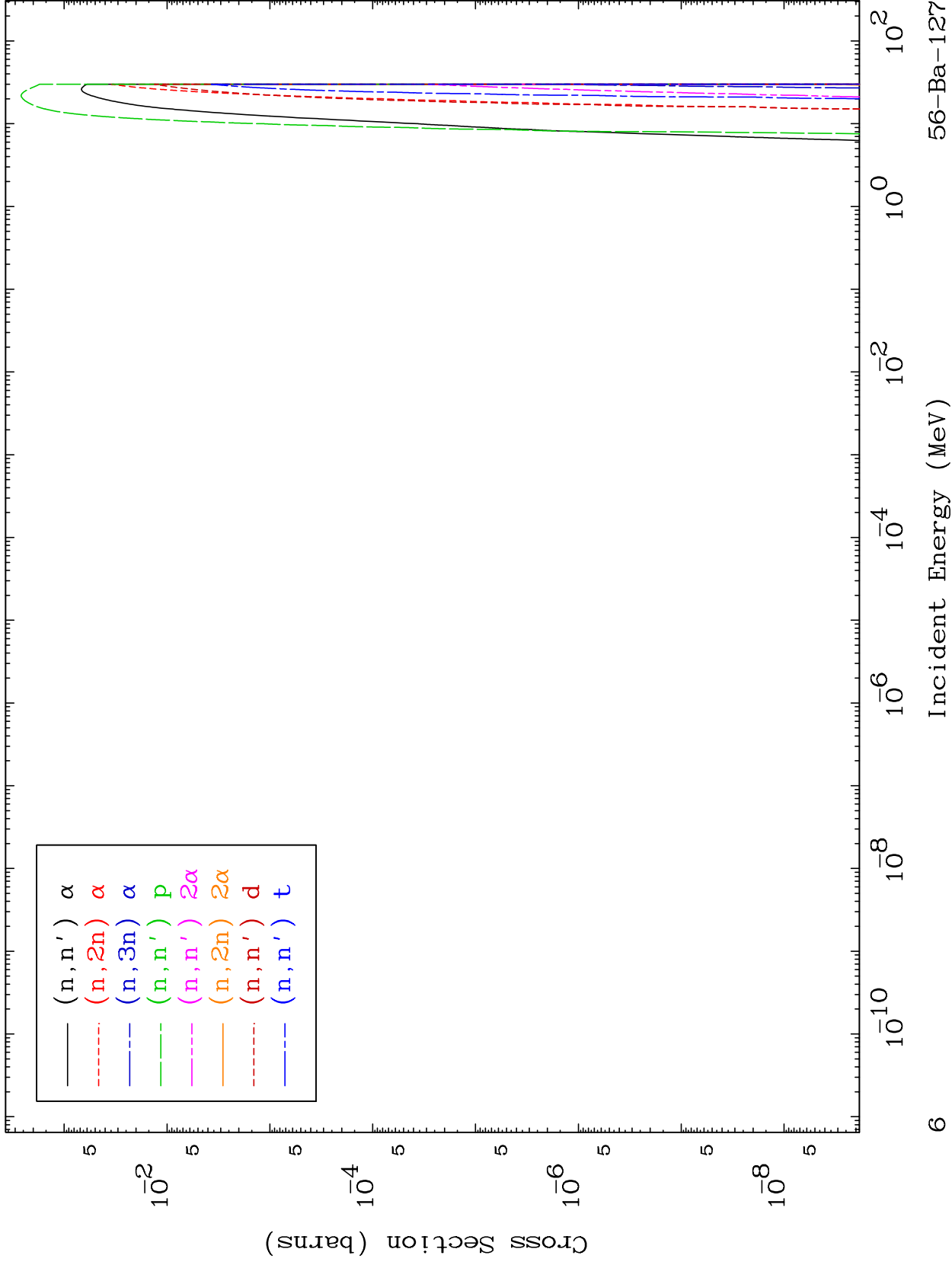
56-Ba-127



MAT 5616

Charged Particle
293 Kelvin Cross Sections

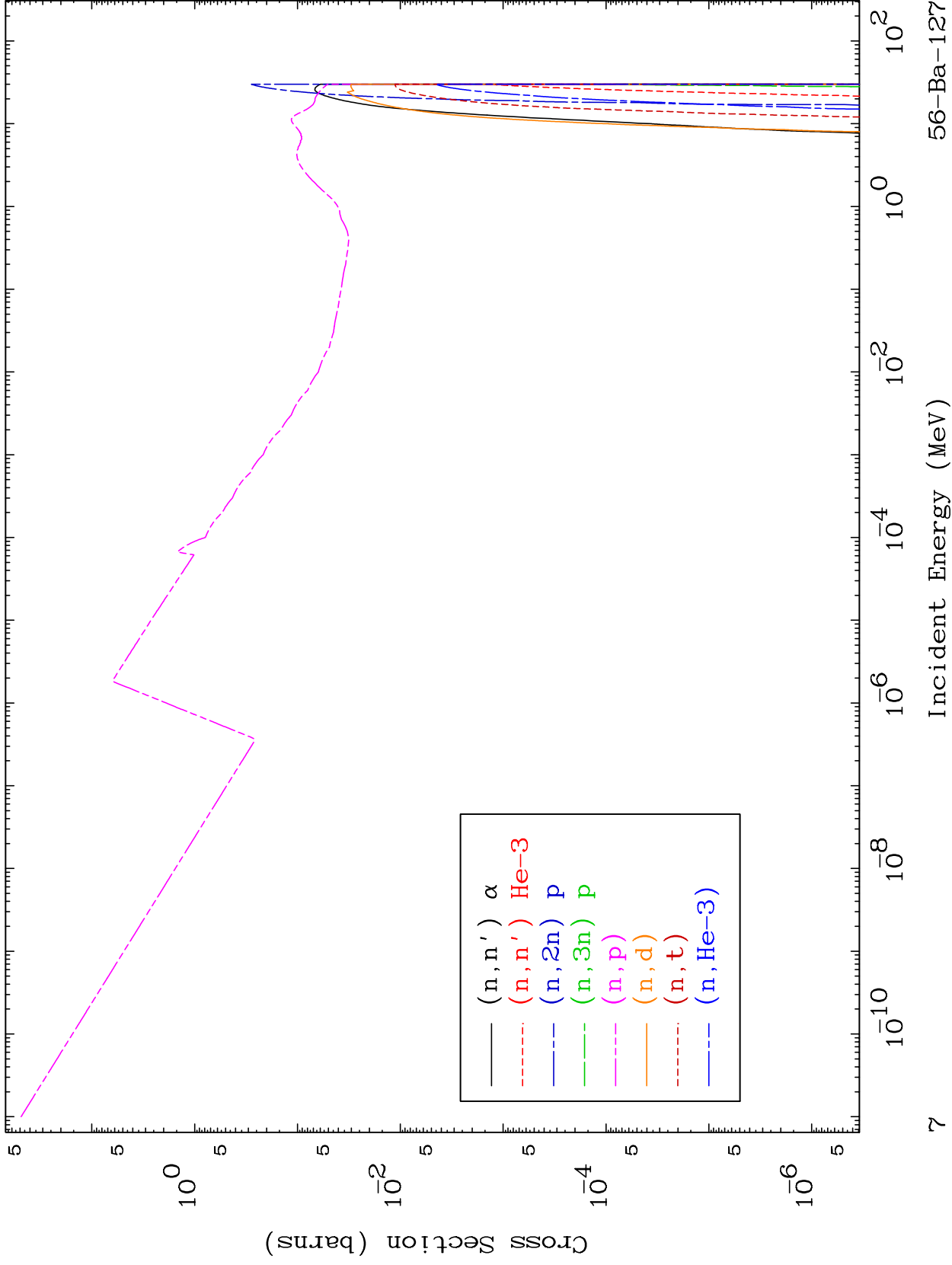
56-Ba-127



MAT 5616

Charged Particle
293 Kelvin Cross Sections

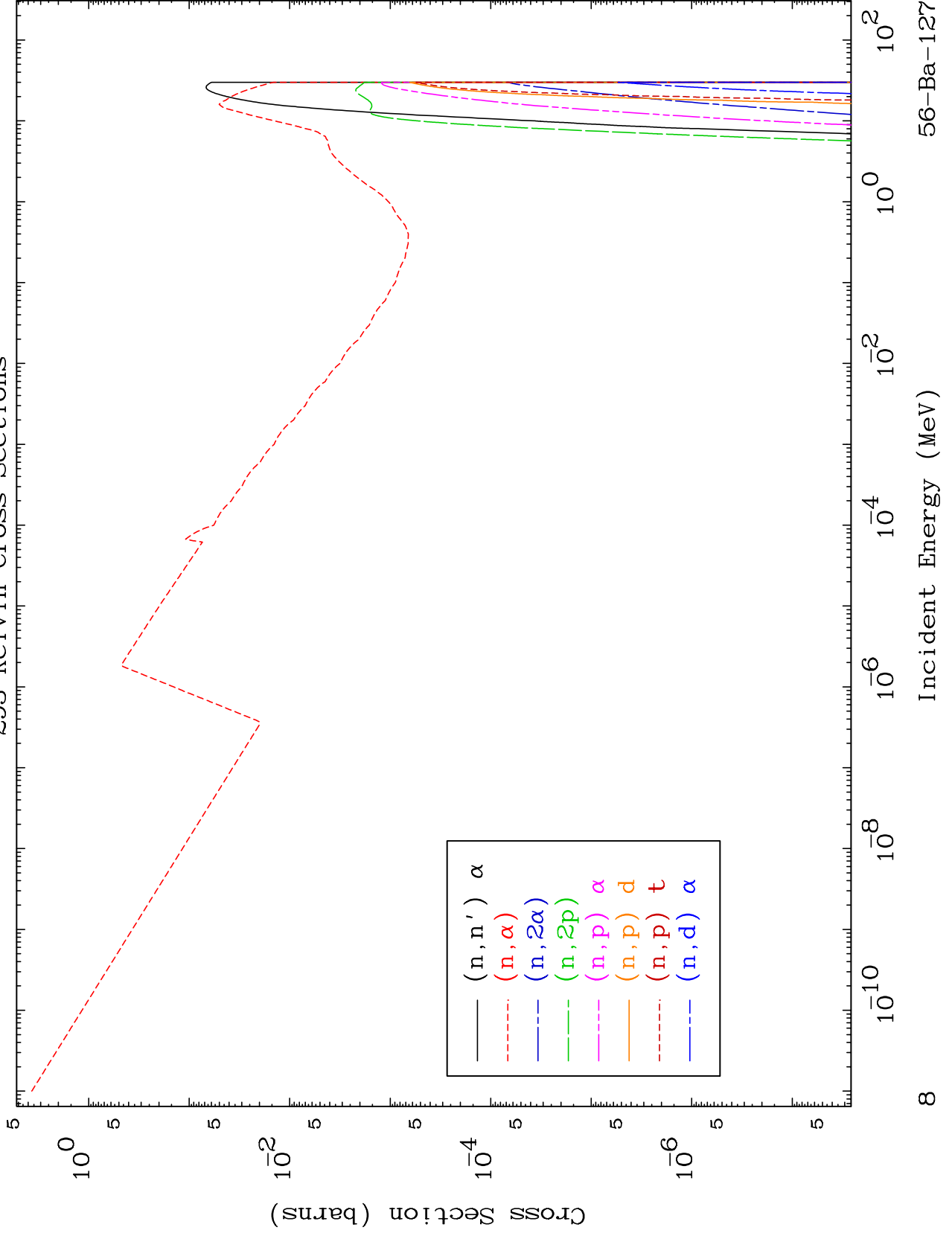
56-Ba-127



MAT 5616

Charged Particle
293 Kelvin Cross Sections

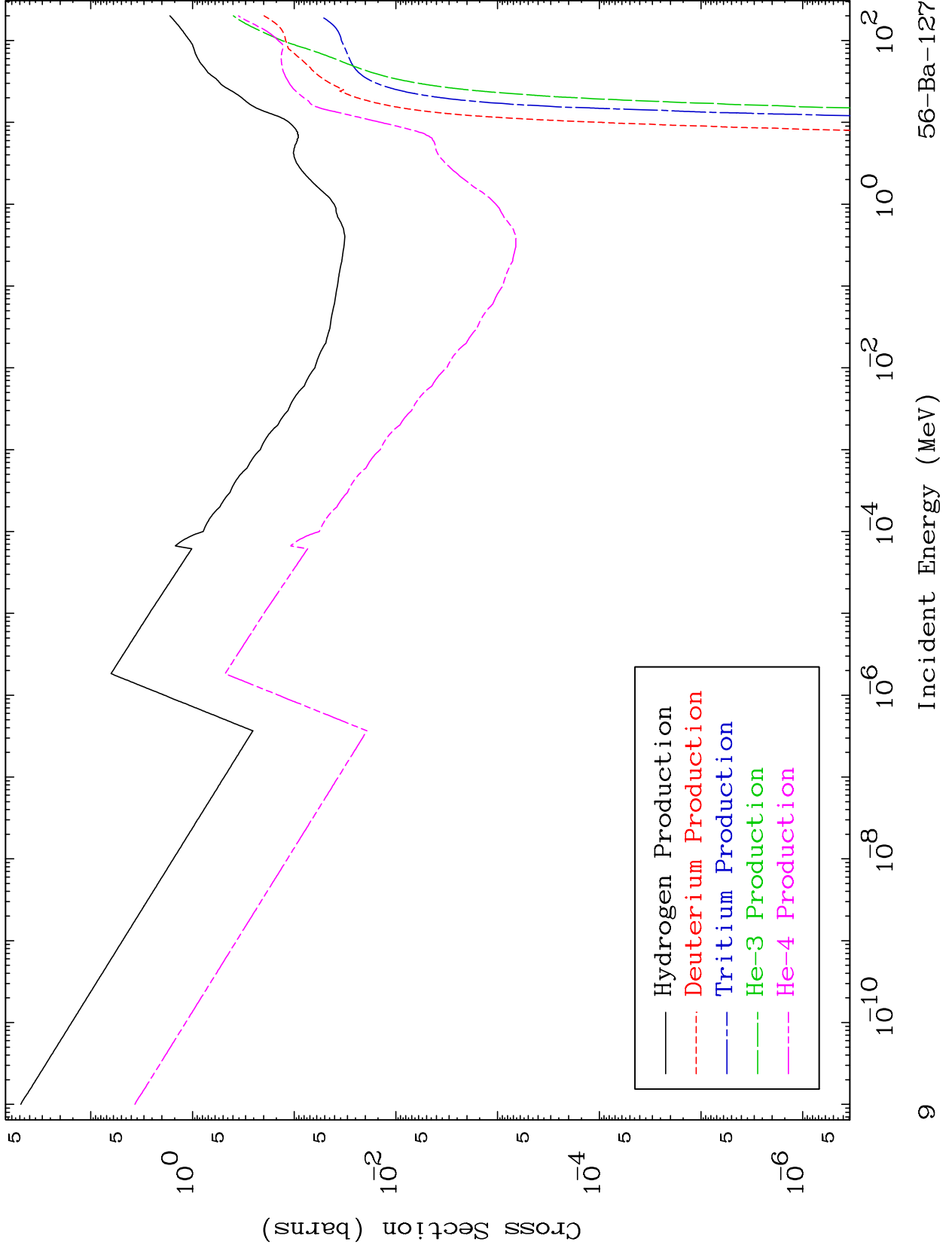
56-Ba-127



MAT 5616

Particle Production
293 Kelvin Cross Sections

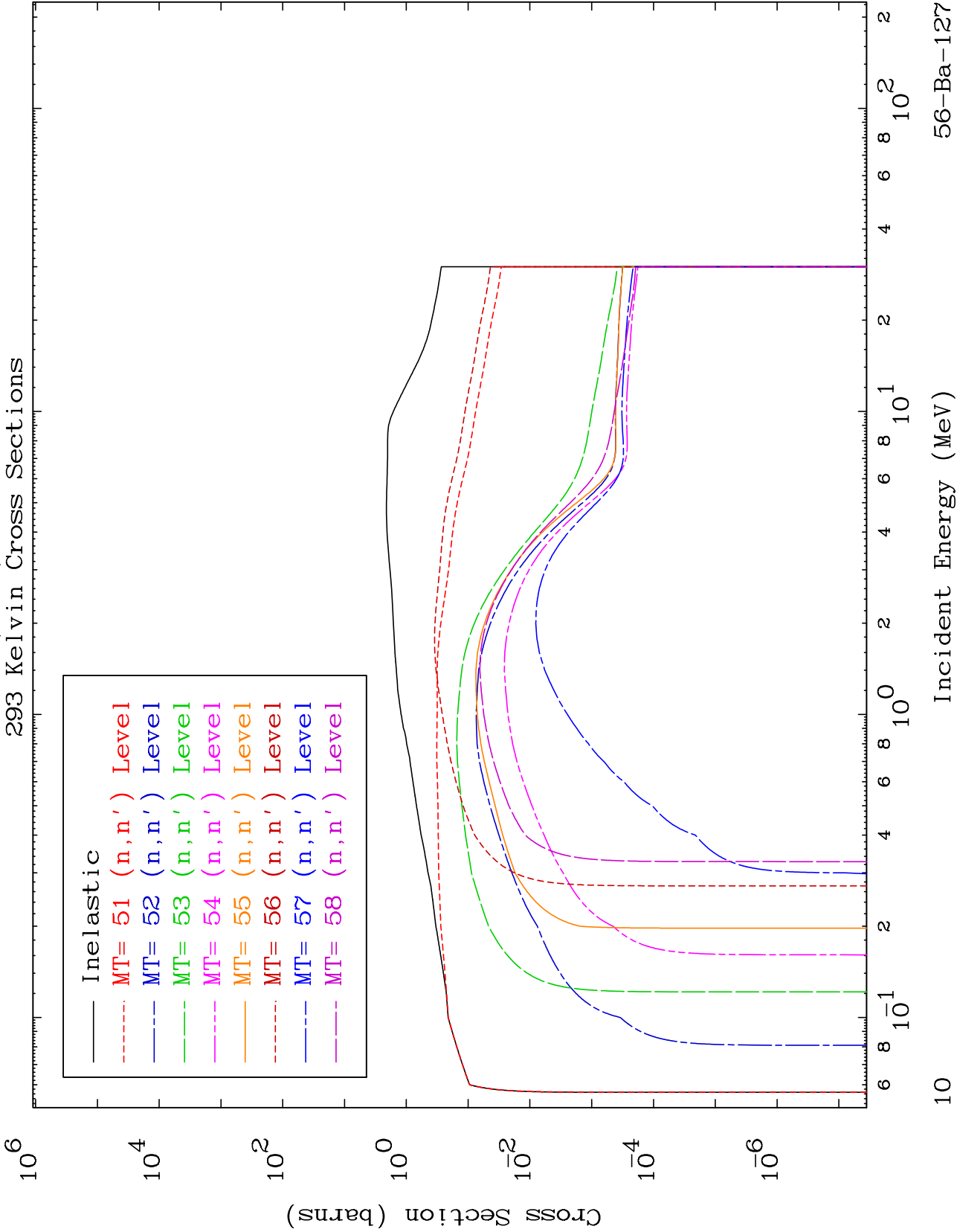
56-Ba-127



MAT 5616

(n,n') Levels
293 Kelvin Cross Sections

56-Ba-127



56-Ba-127

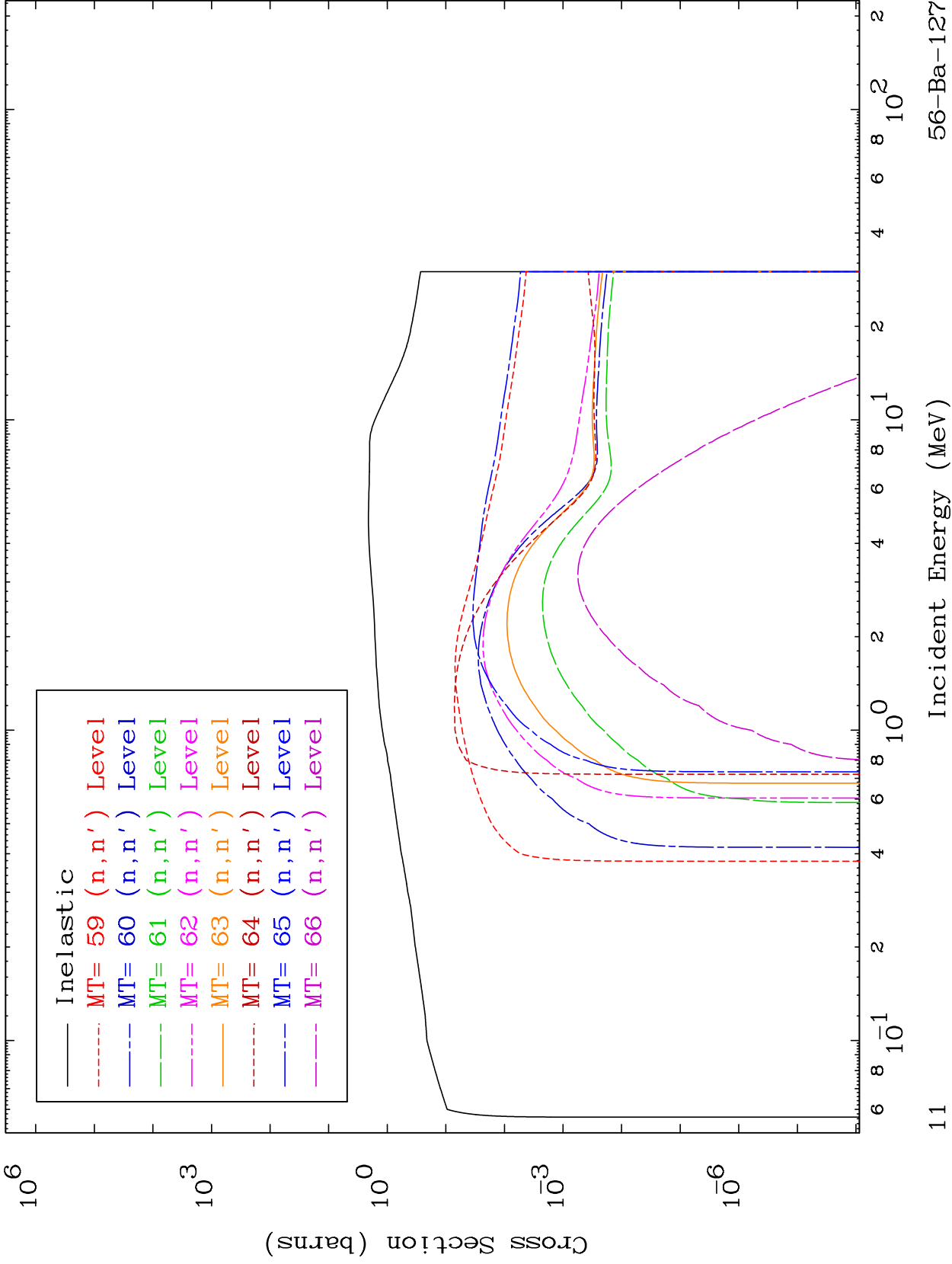
Incident Energy (MeV)

10

MAT 5616

(n,n') Levels
293 Kelvin Cross Sections

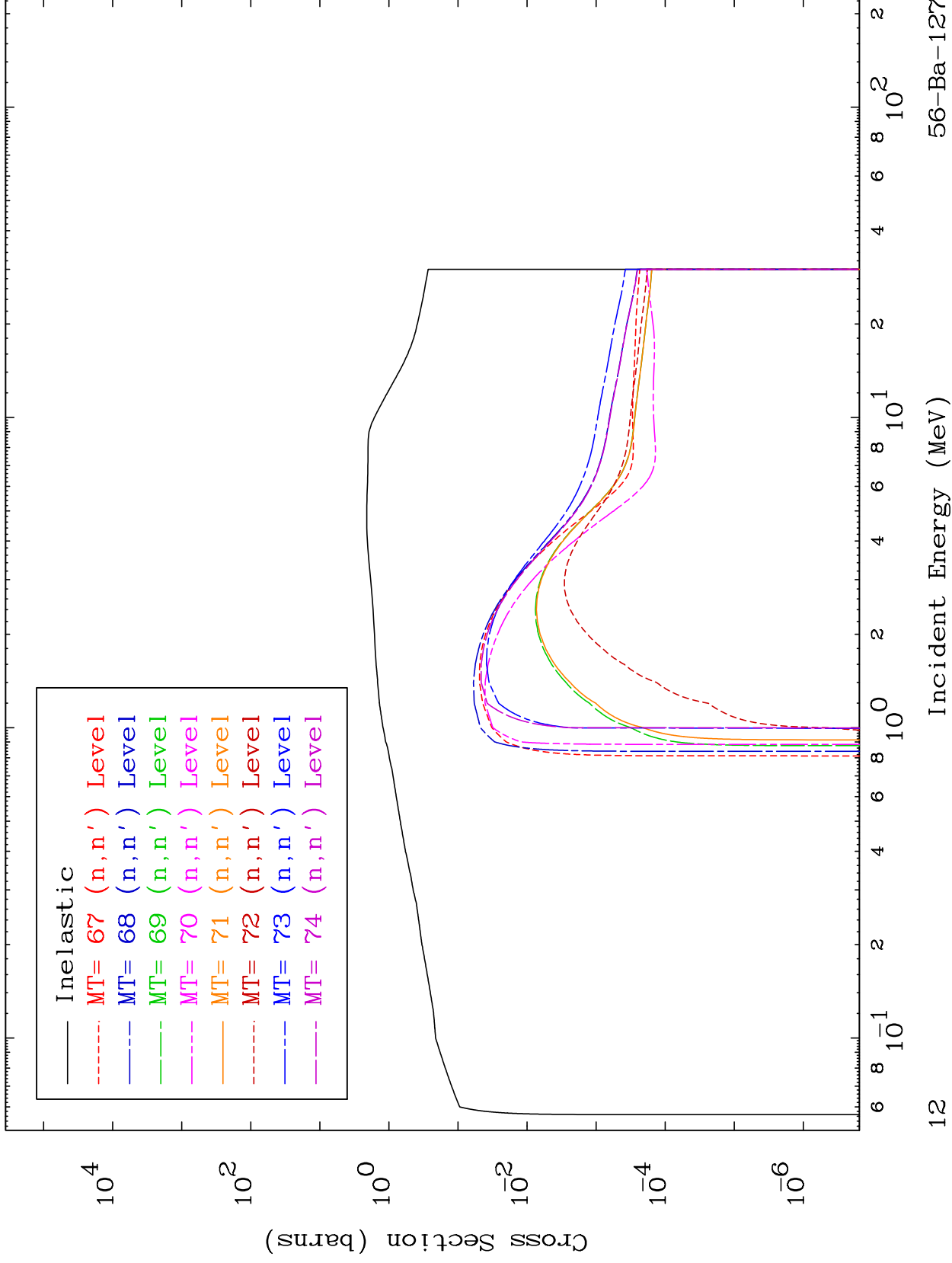
56-Ba-127



MAT 5616

(n,n') Levels
293 Kelvin Cross Sections

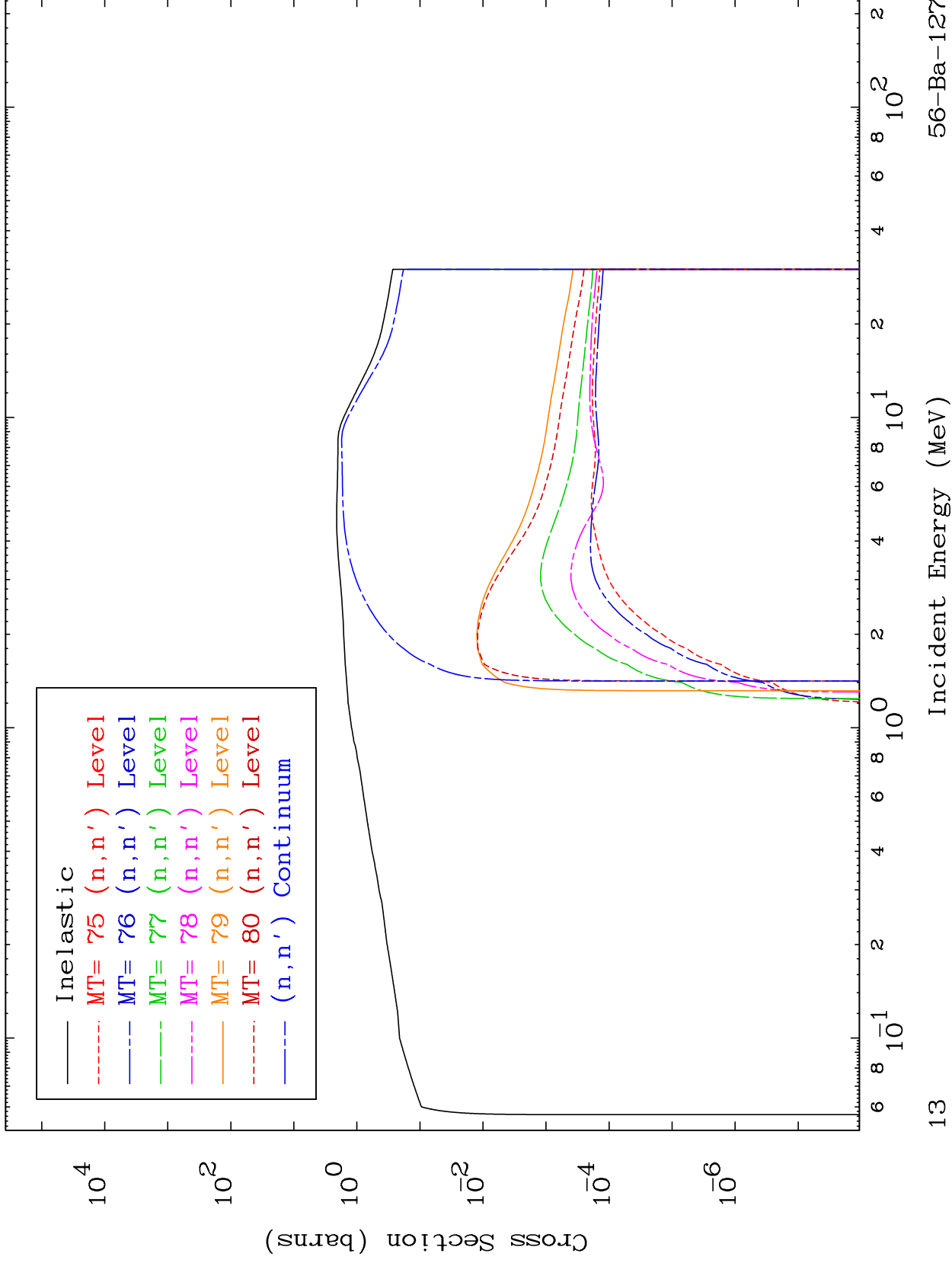
56-Ba-127



MAT 5616

(n,n') Levels
293 Kelvin Cross Sections

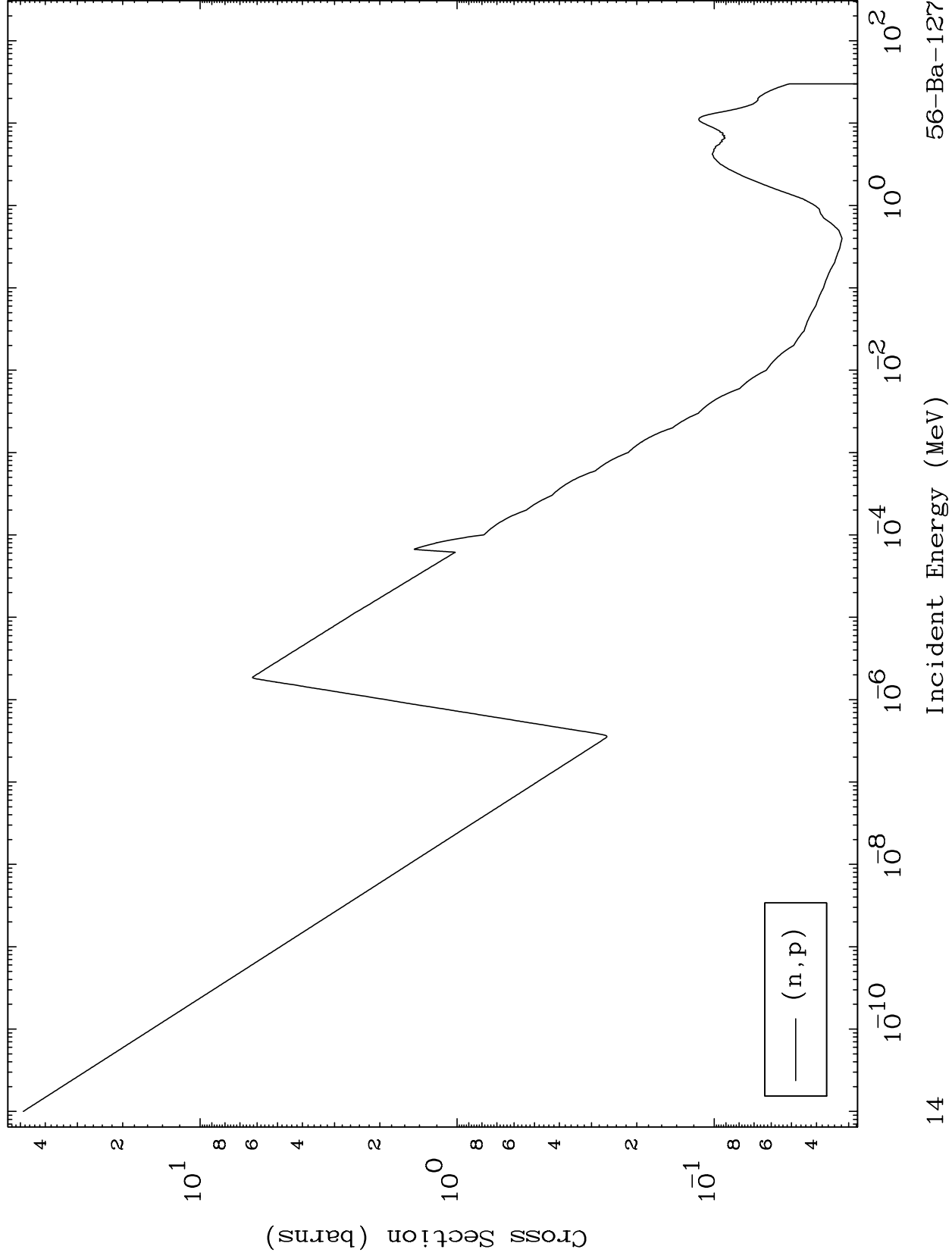
56-Ba-127



MAT 5616

(n,p) Levels
293 Kelvin Cross Sections

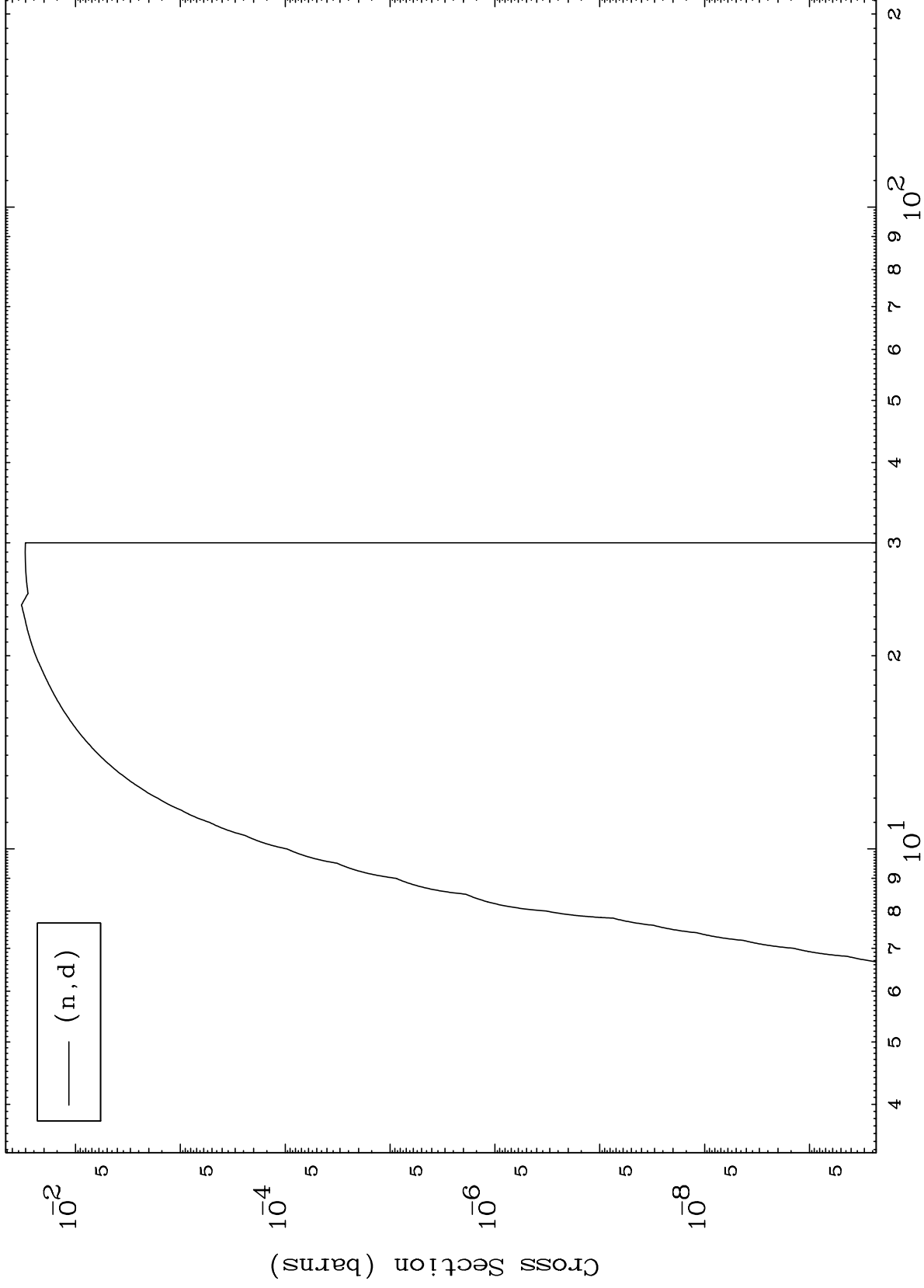
56-Ba-127



MAT 5616

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-127



15

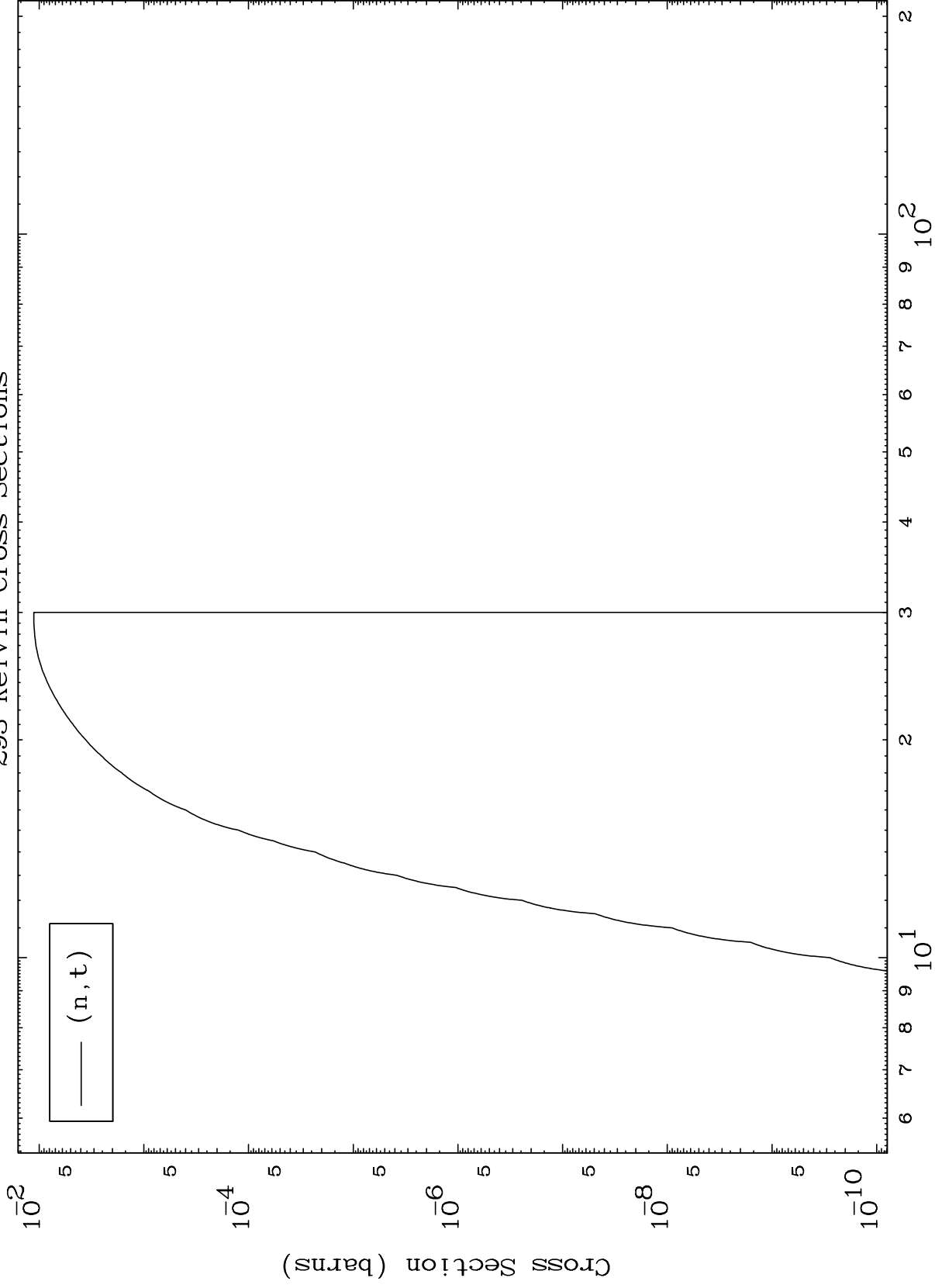
Incident Energy (MeV)

56-Ba-127

MAT 5616

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-127



16

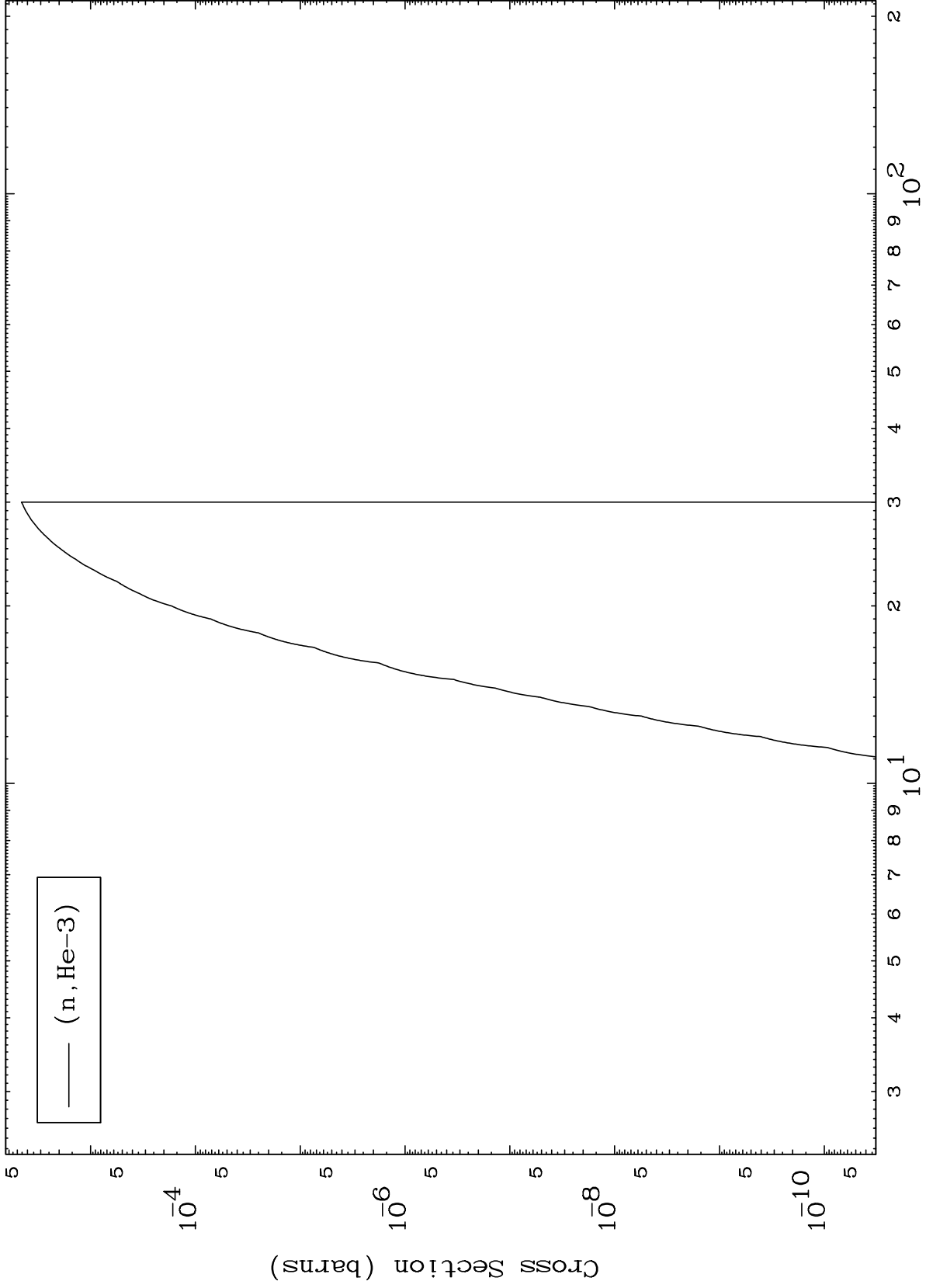
Incident Energy (MeV)

56-Ba-127

MAT 5616

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-127



17

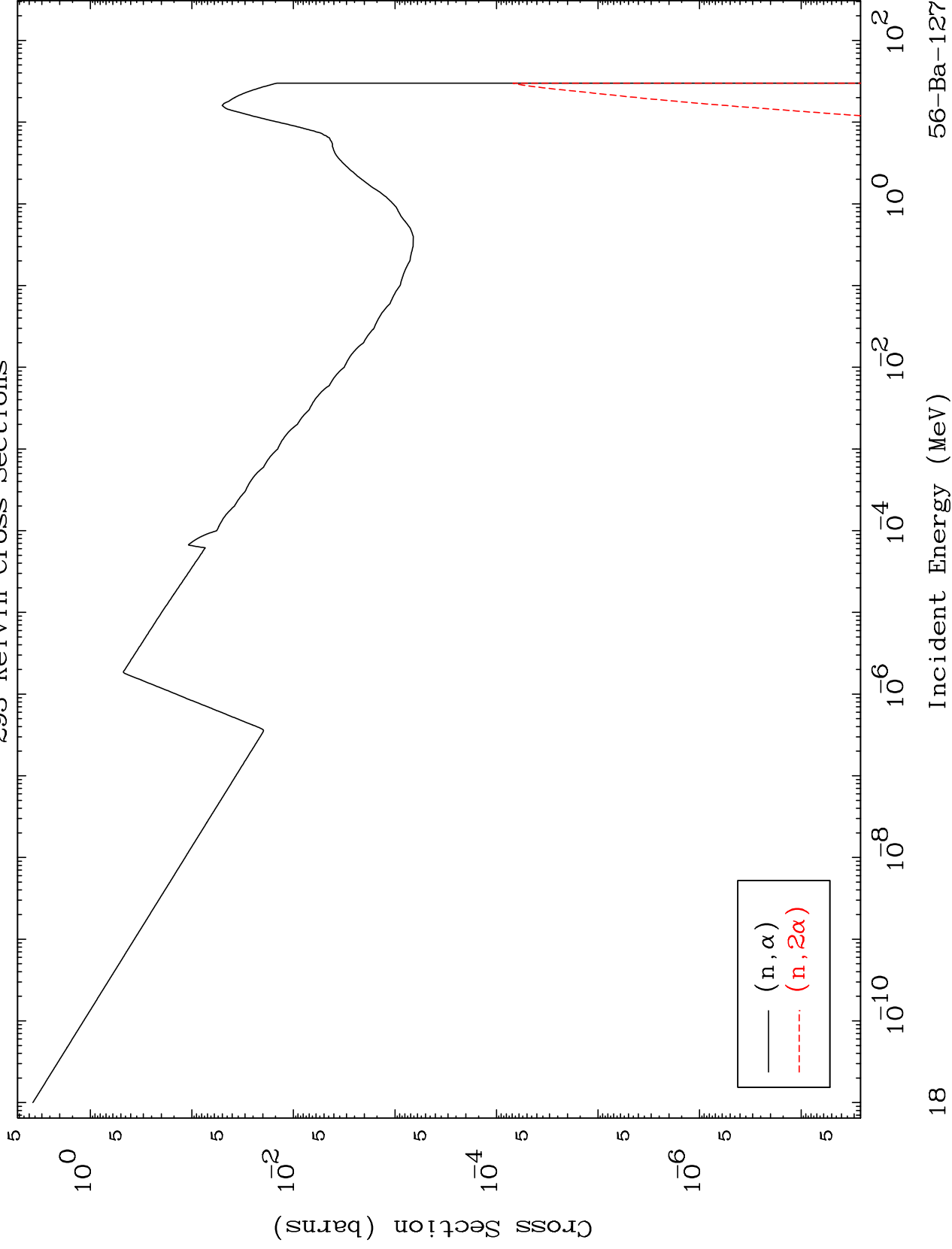
Incident Energy (MeV)

56-Ba-127

MAT 5616

(n, α) Levels
293 Kelvin Cross Sections

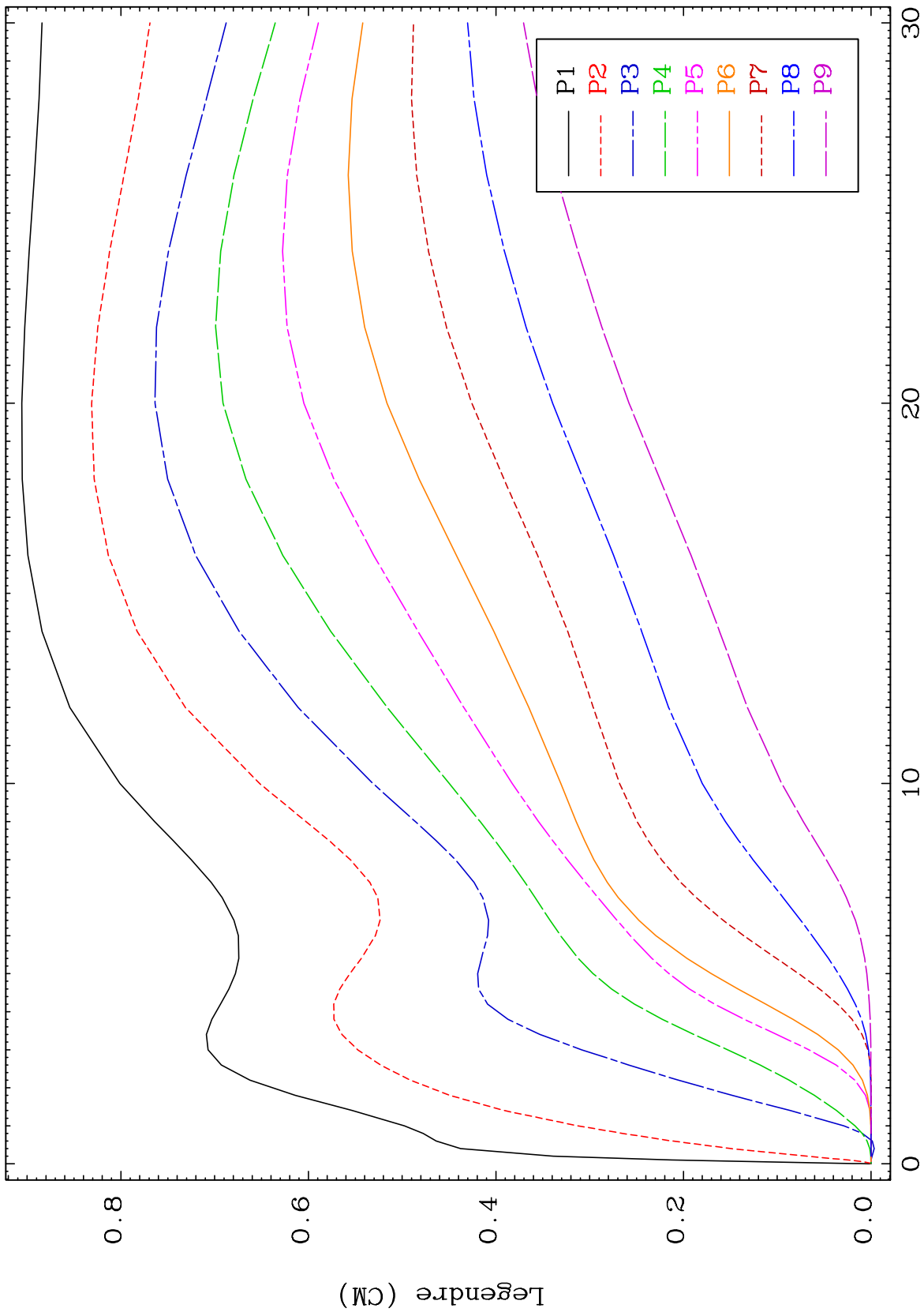
56-Ba-127



MAT 5616

56-Ba-127

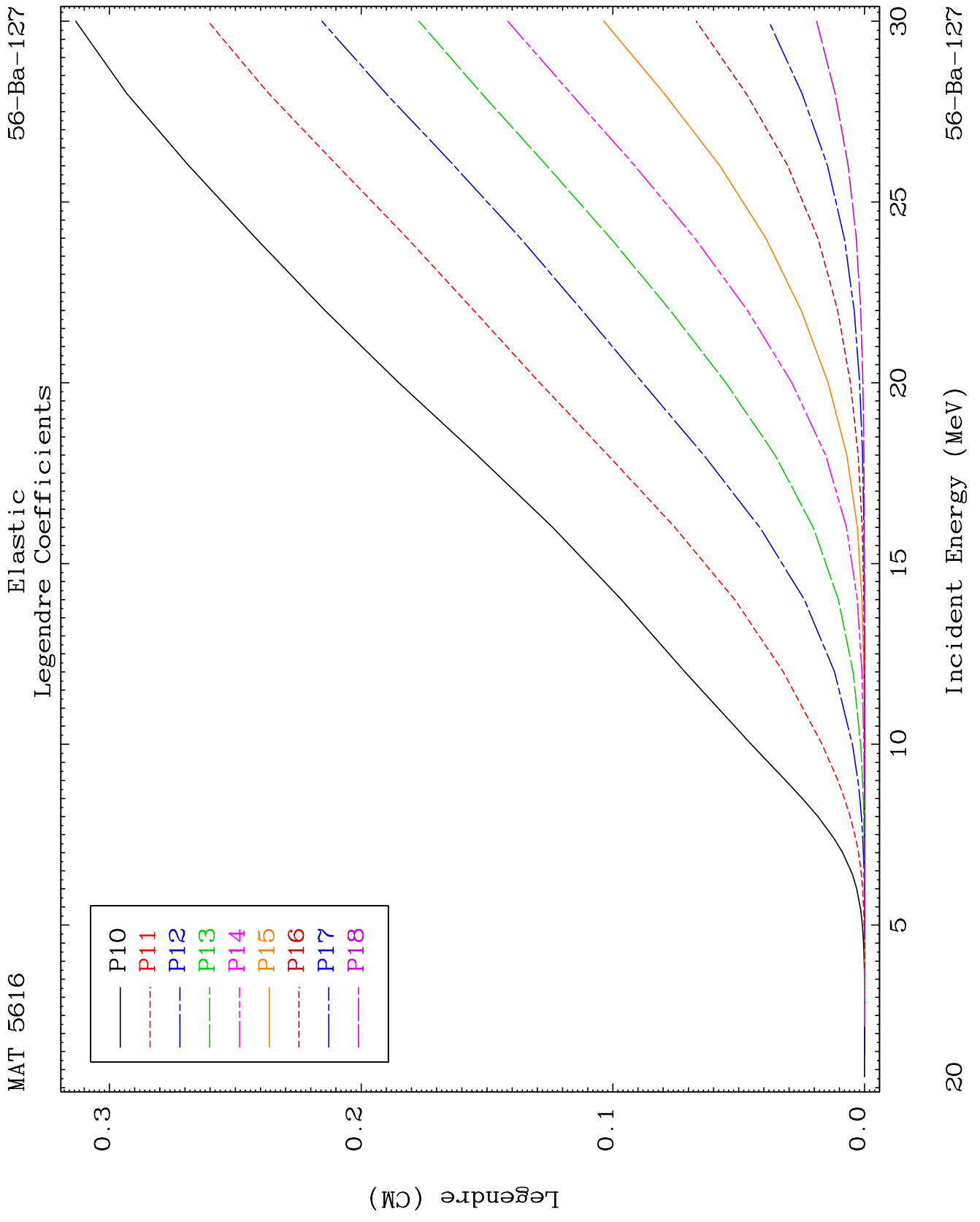
Elastic Legendre Coefficients



19

Incident Energy (MeV)

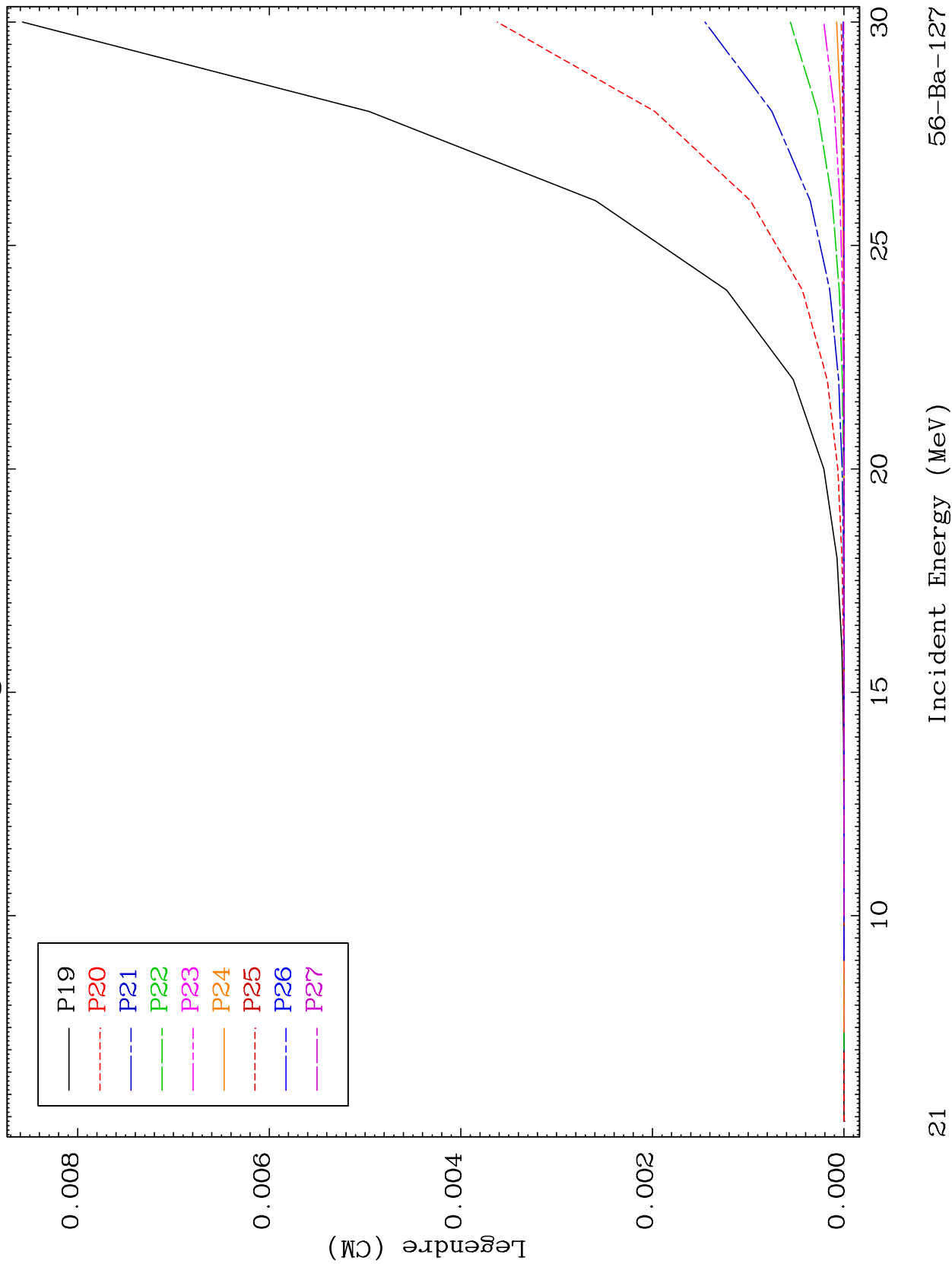
56-Ba-127



MAT 5616

Elastic Legendre Coefficients

56-Ba-127



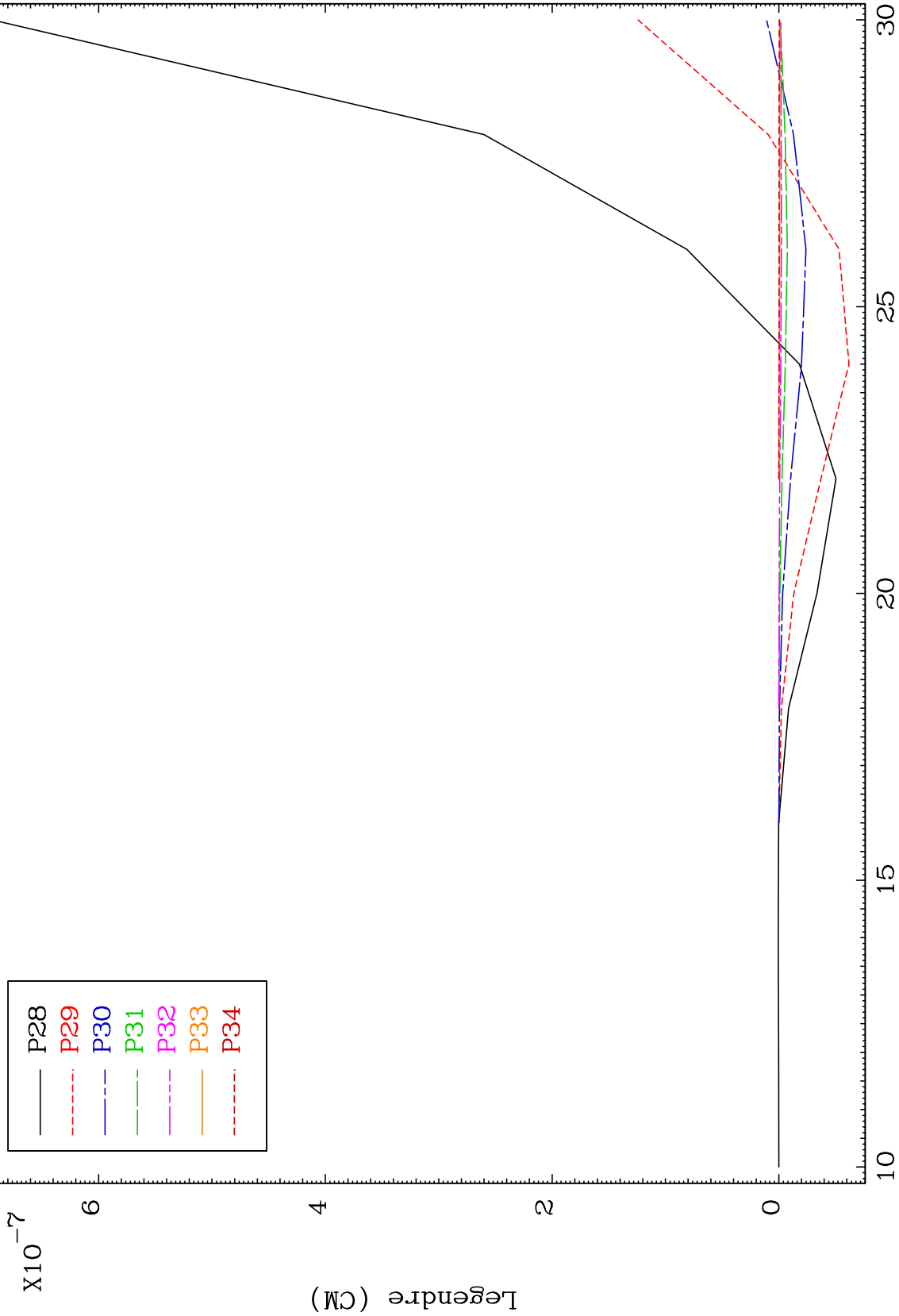
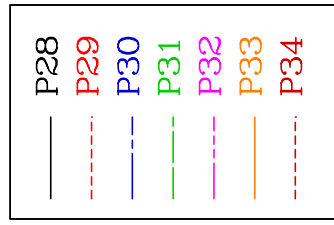
21

56-Ba-127

MAT 5616

Elastic Legendre Coefficients

56-Ba-127



22

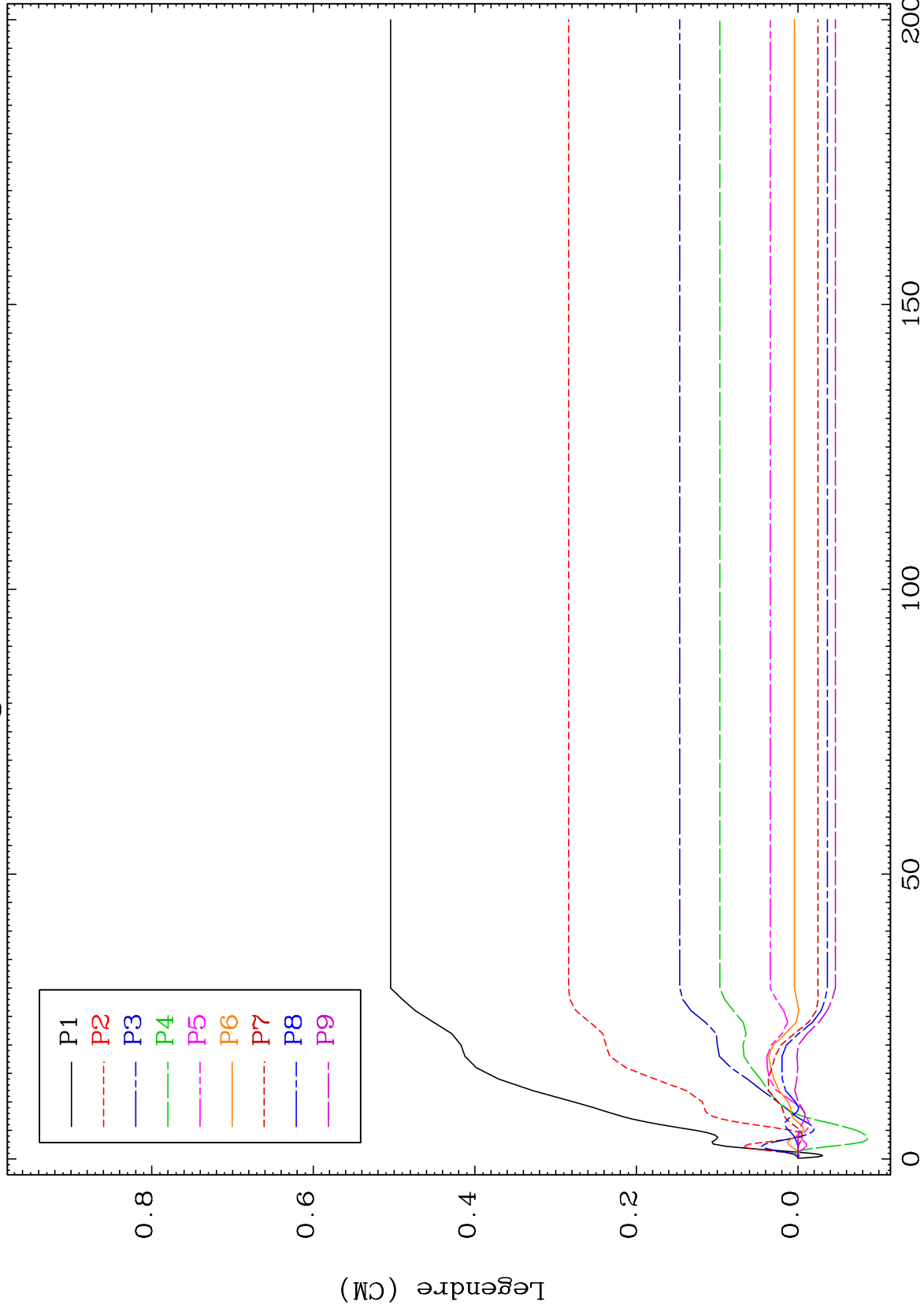
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

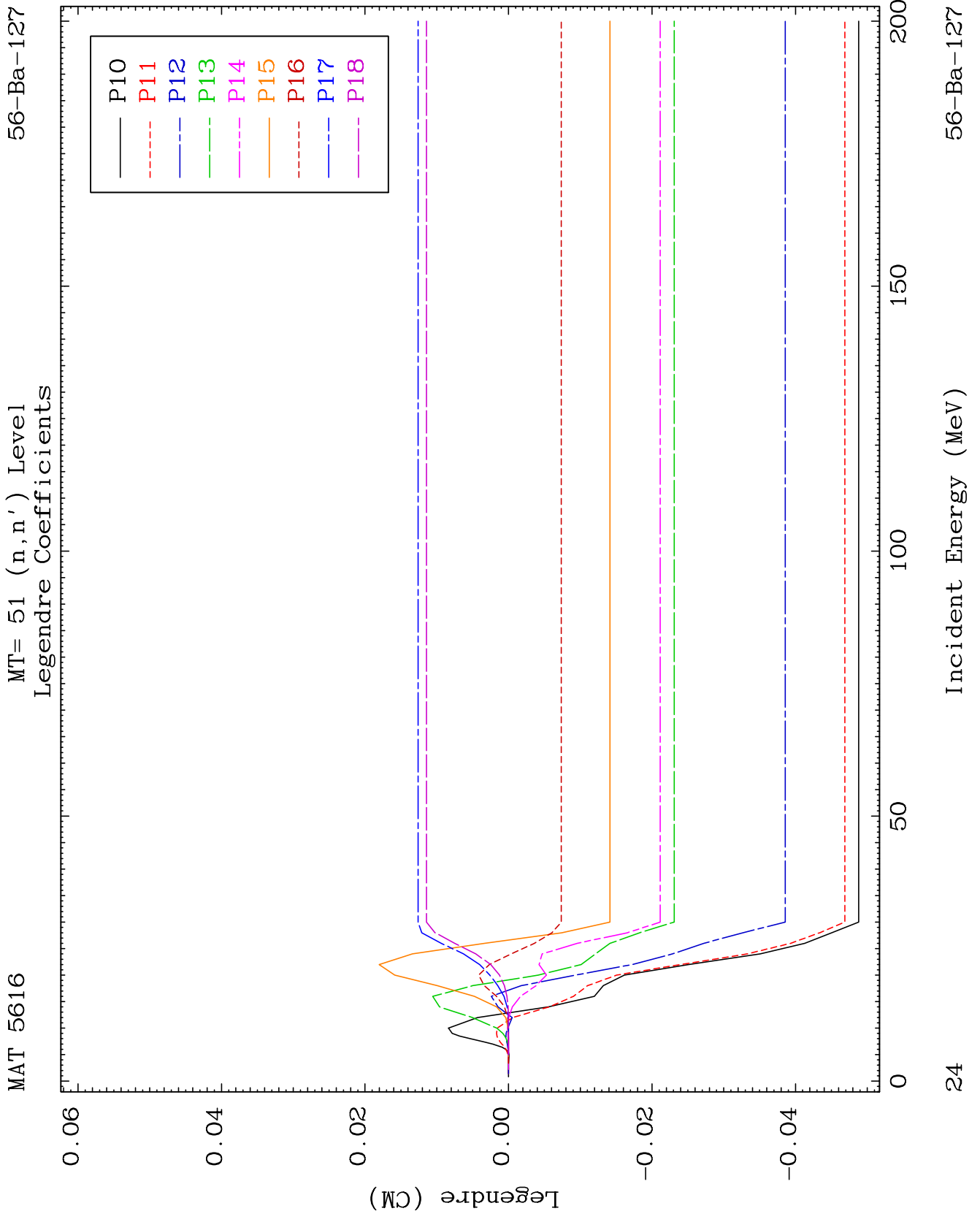
56-Ba-127



23

Incident Energy (MeV)

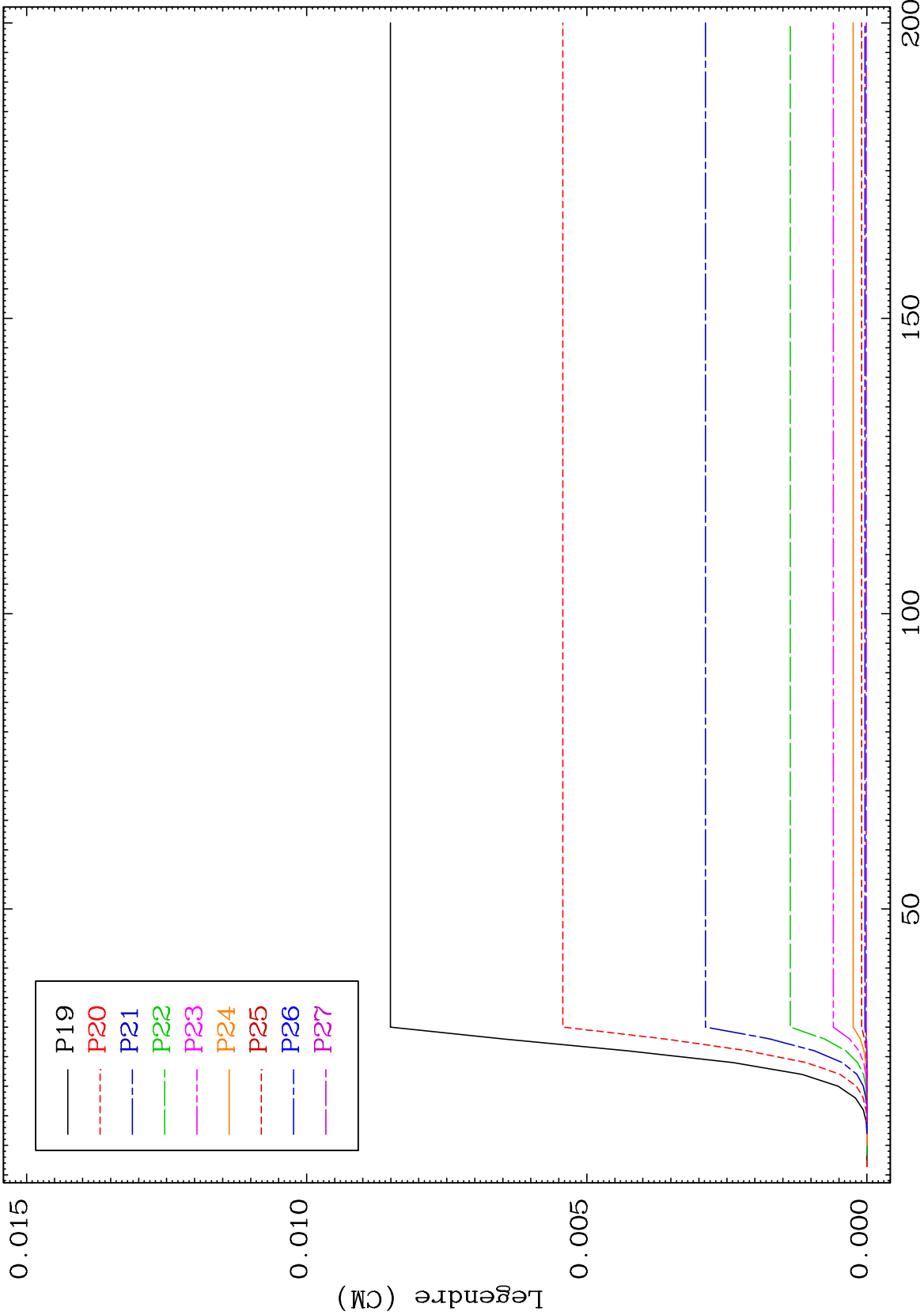
56-Ba-127



MAT 5616

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

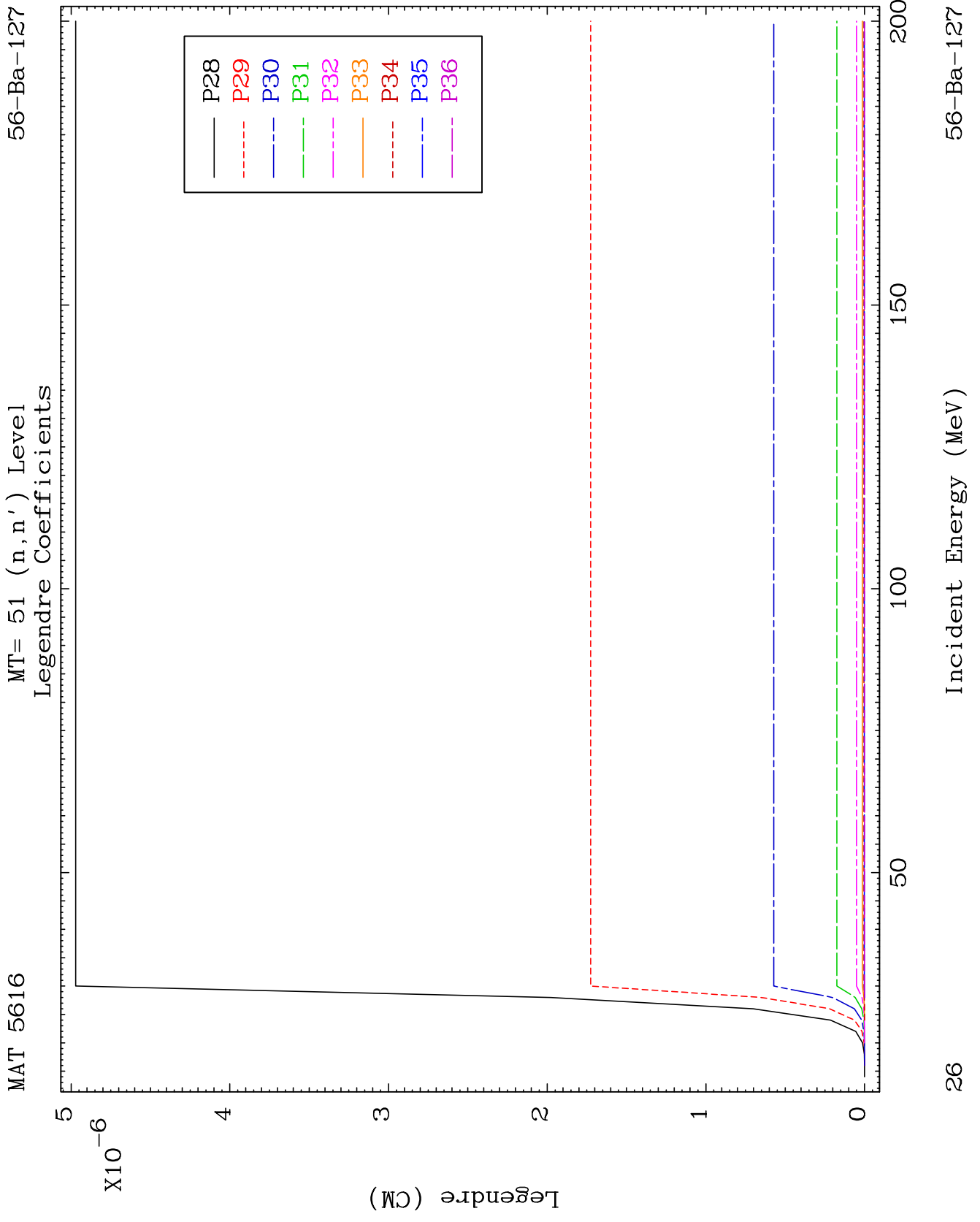
56-Ba-127



25

Incident Energy (MeV)

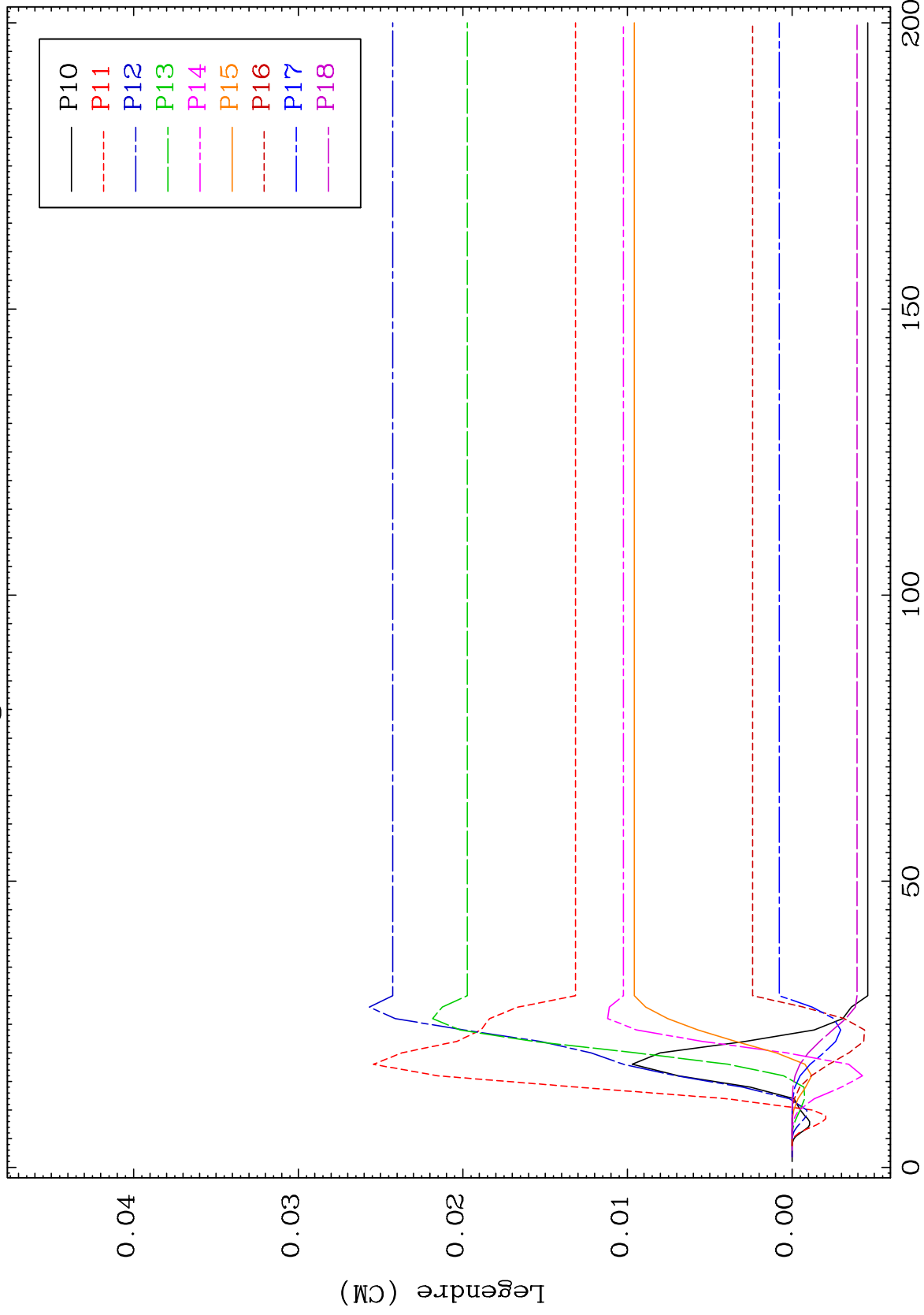
56-Ba-127



MAT 5616

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

56-Ba-127



28

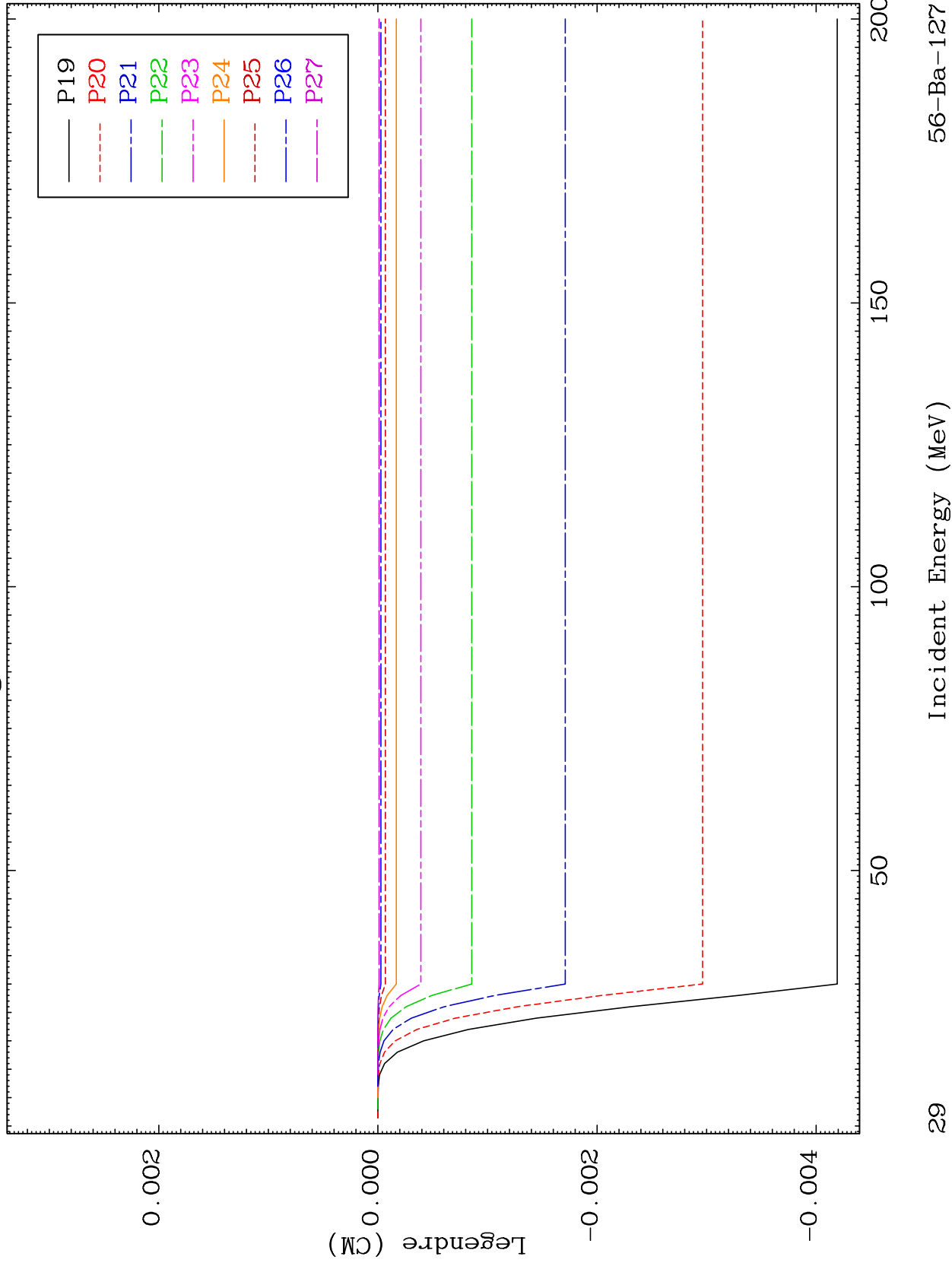
Incident Energy (MeV)

56-Ba-127

MAT 5616

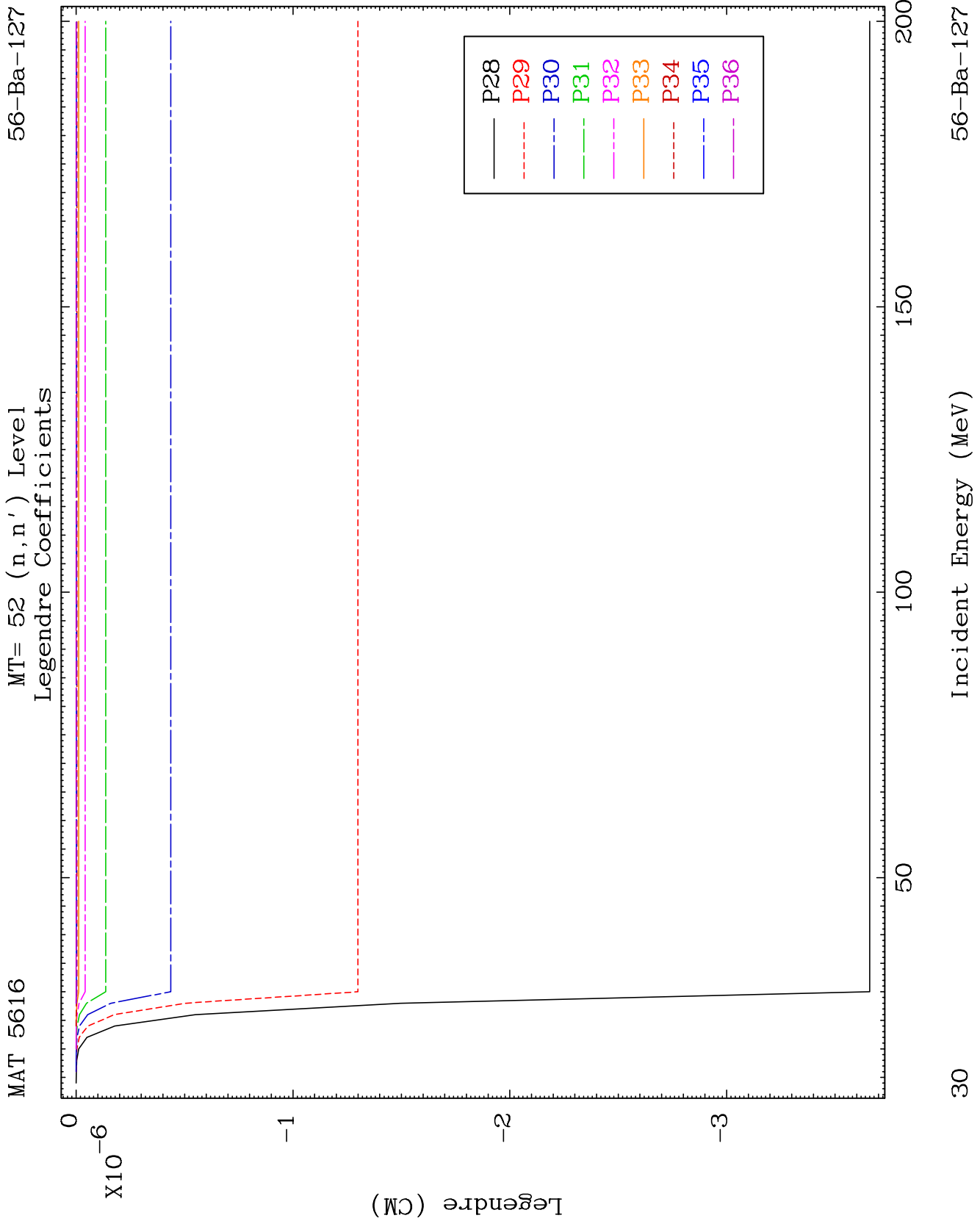
MT= 52 (n,n') Level
Legendre Coefficients

56-Ba-127



29

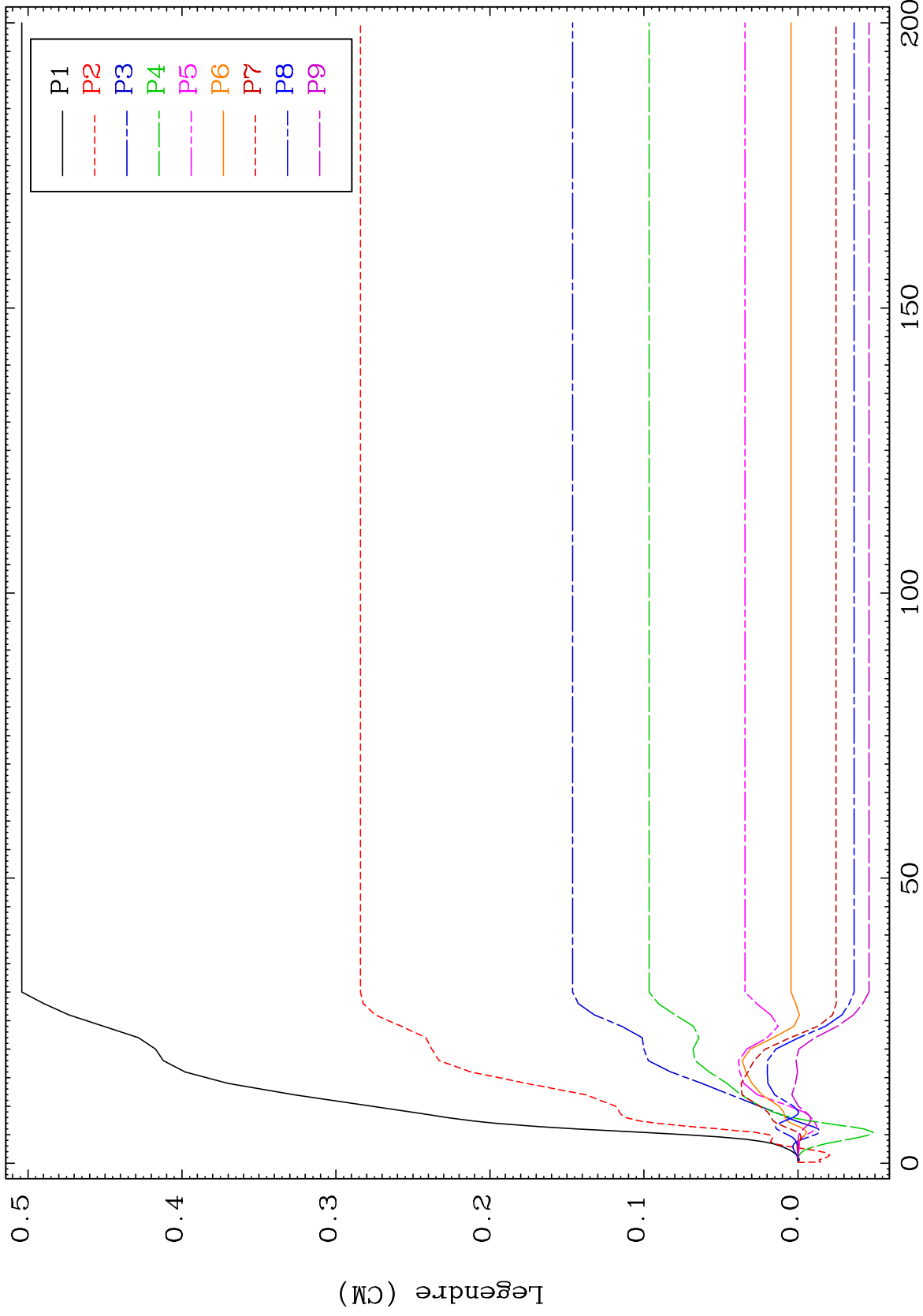
56-Ba-127



MAT 5616

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

56-Ba-127



31

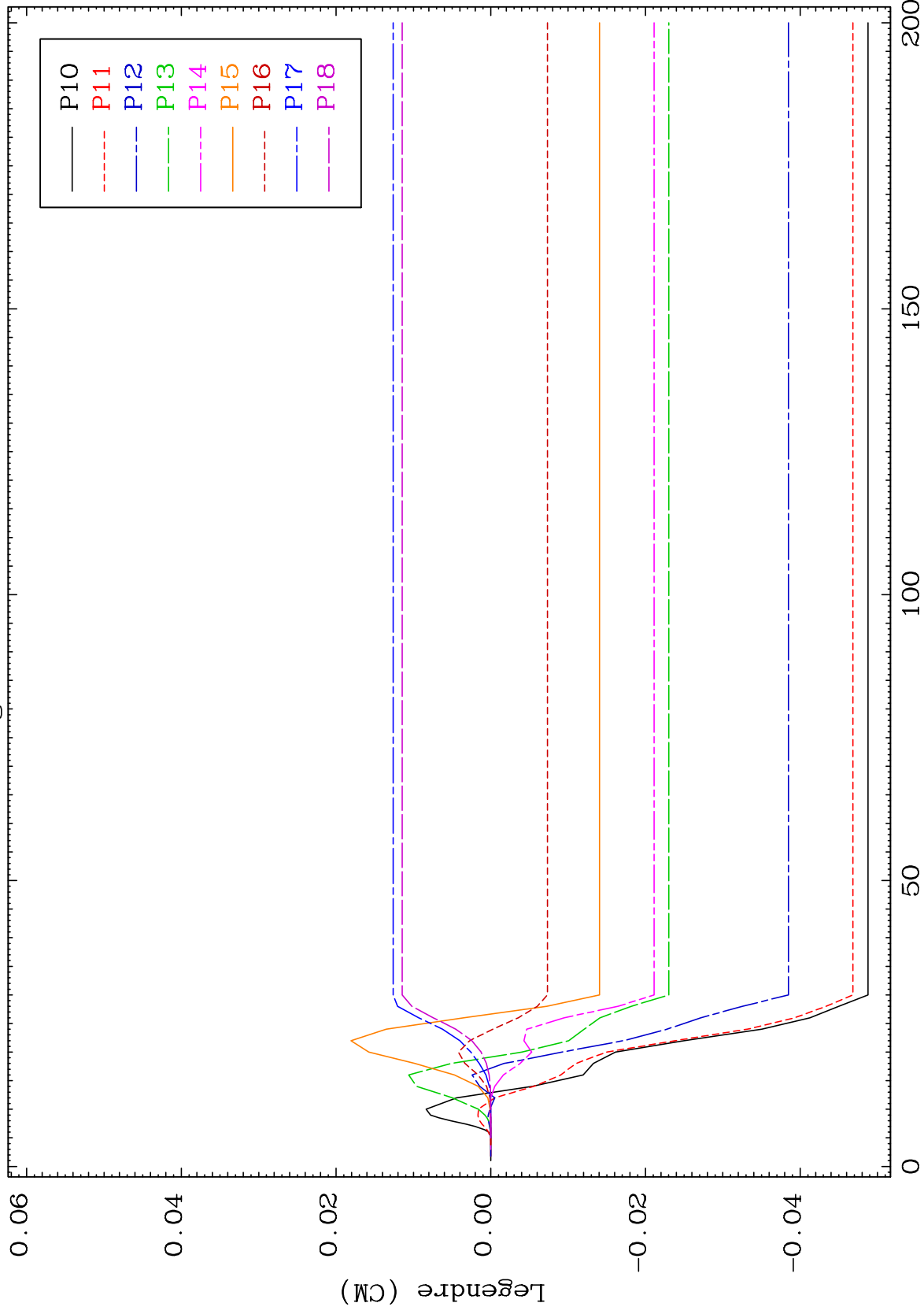
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

56-Ba-127



32

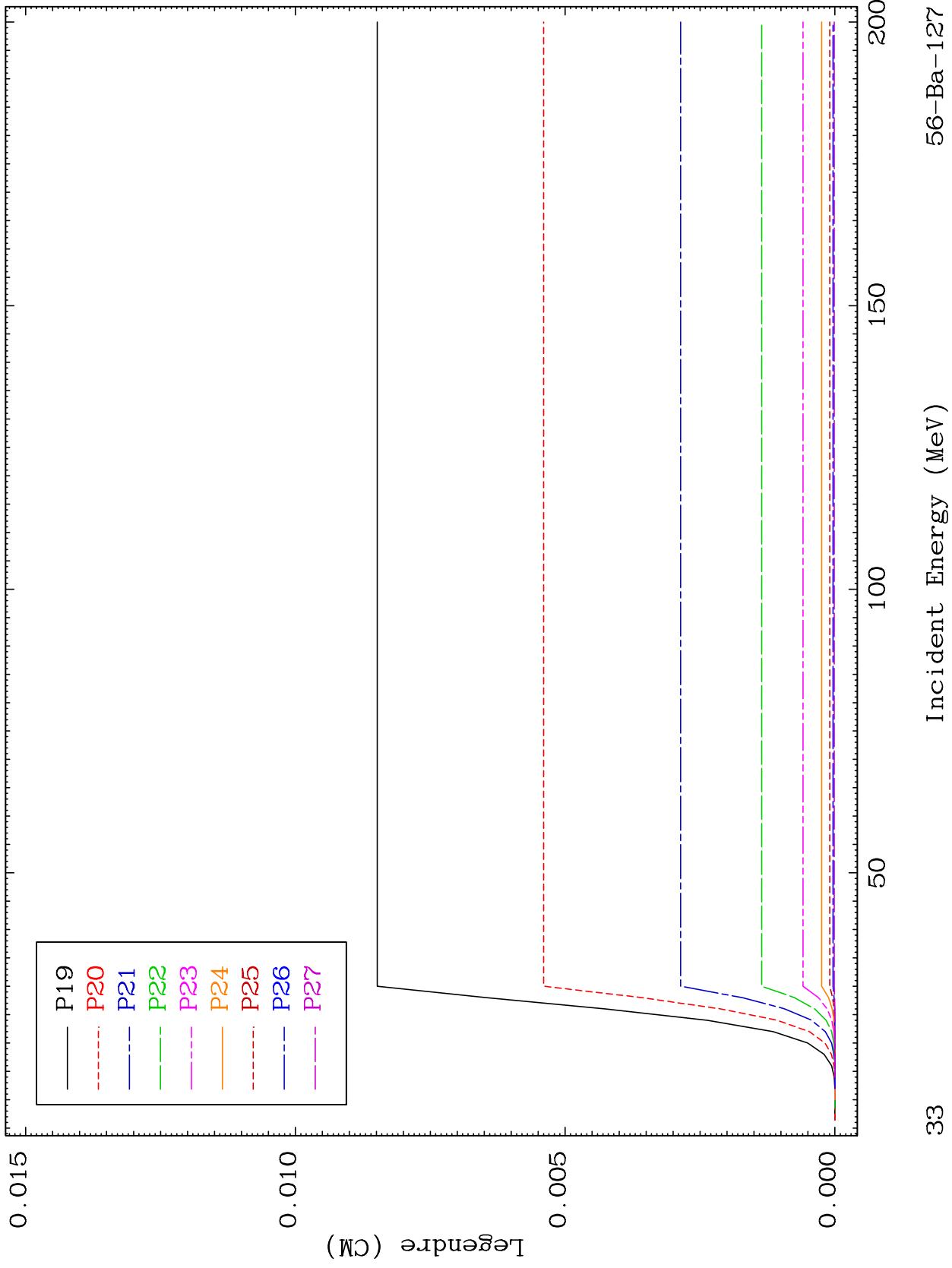
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

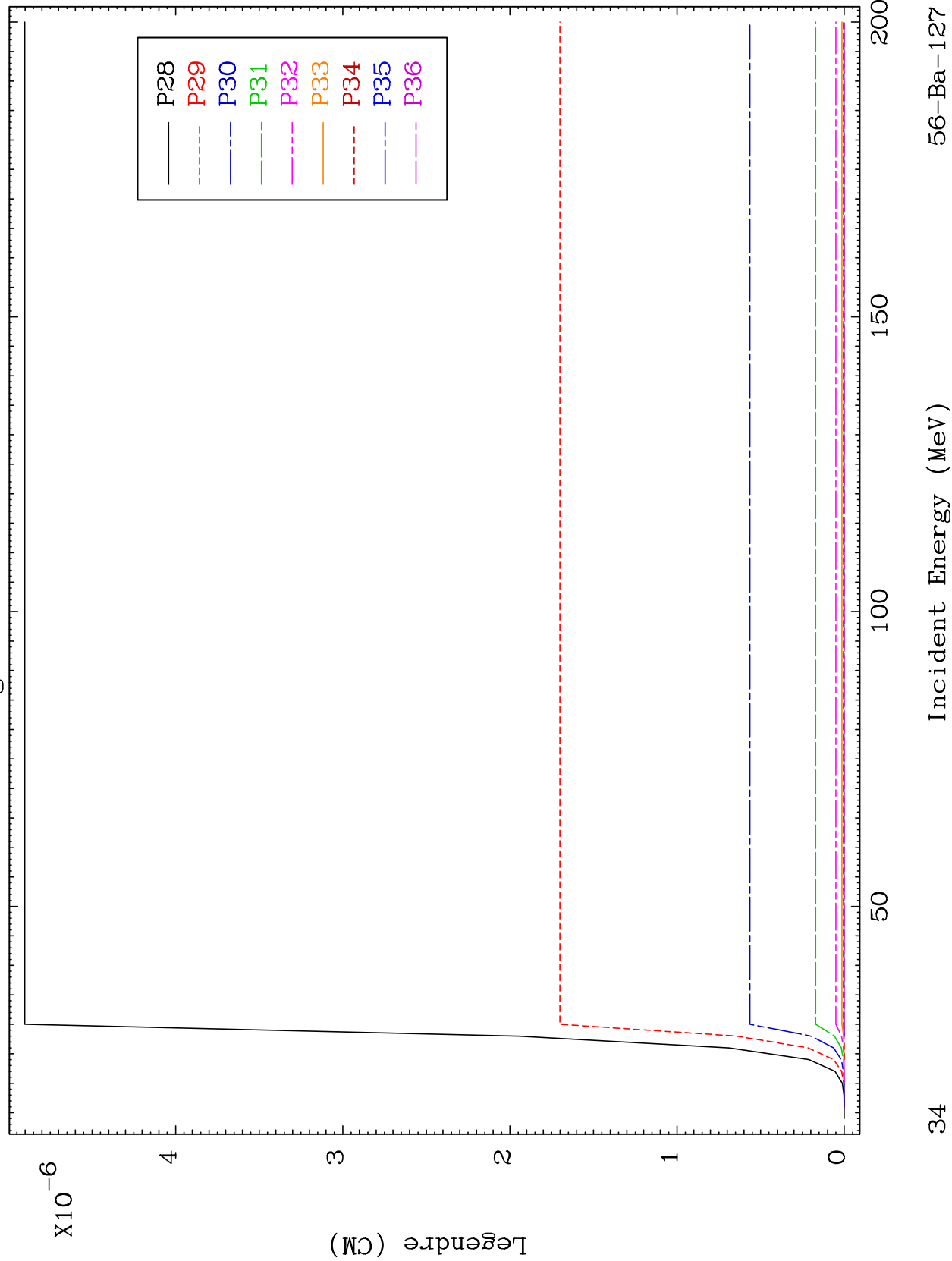
56-Ba-127



MAT 5616

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

56-Ba-127

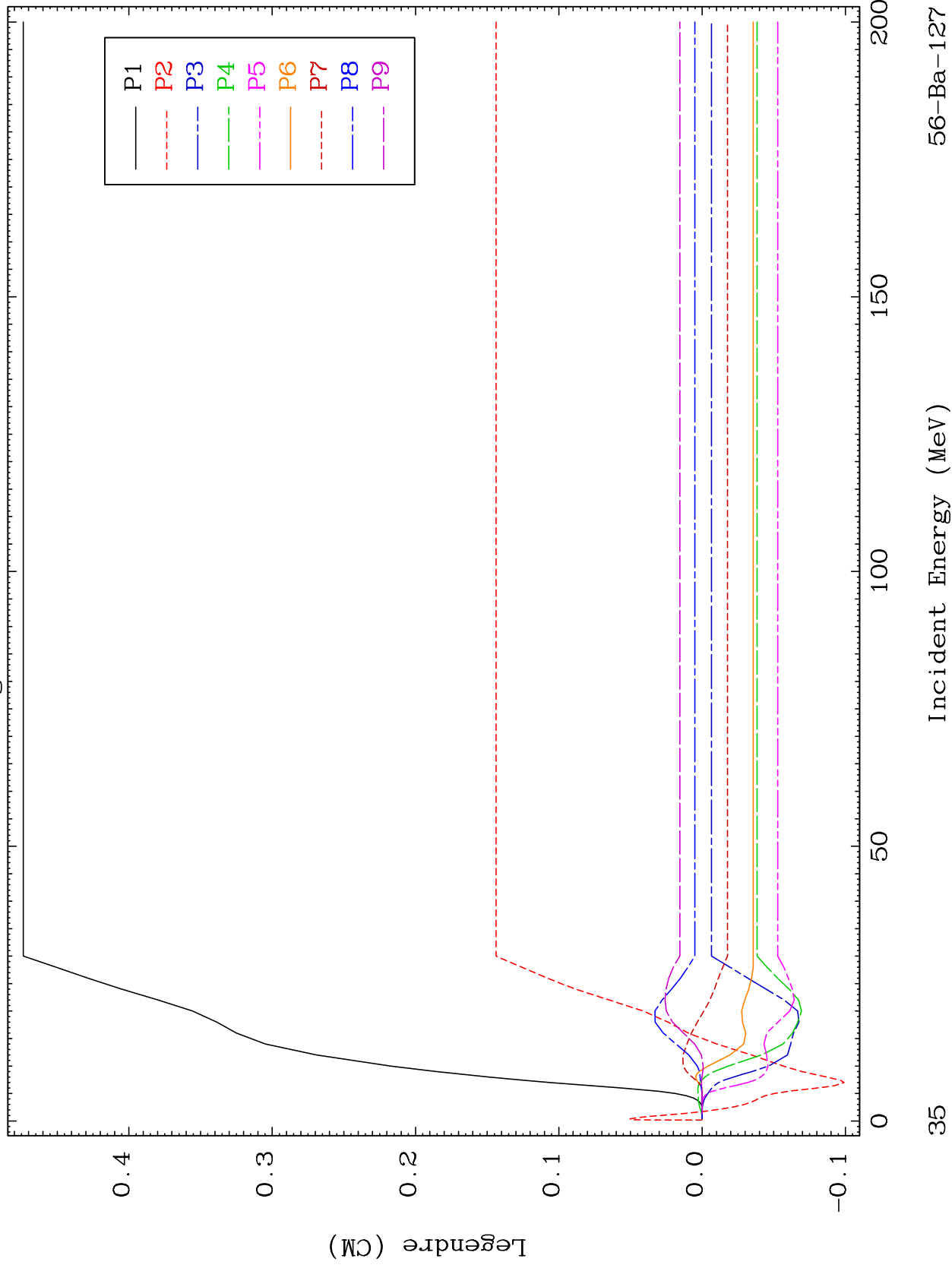


34

MAT 5616

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

56-Ba-127



56-Ba-127

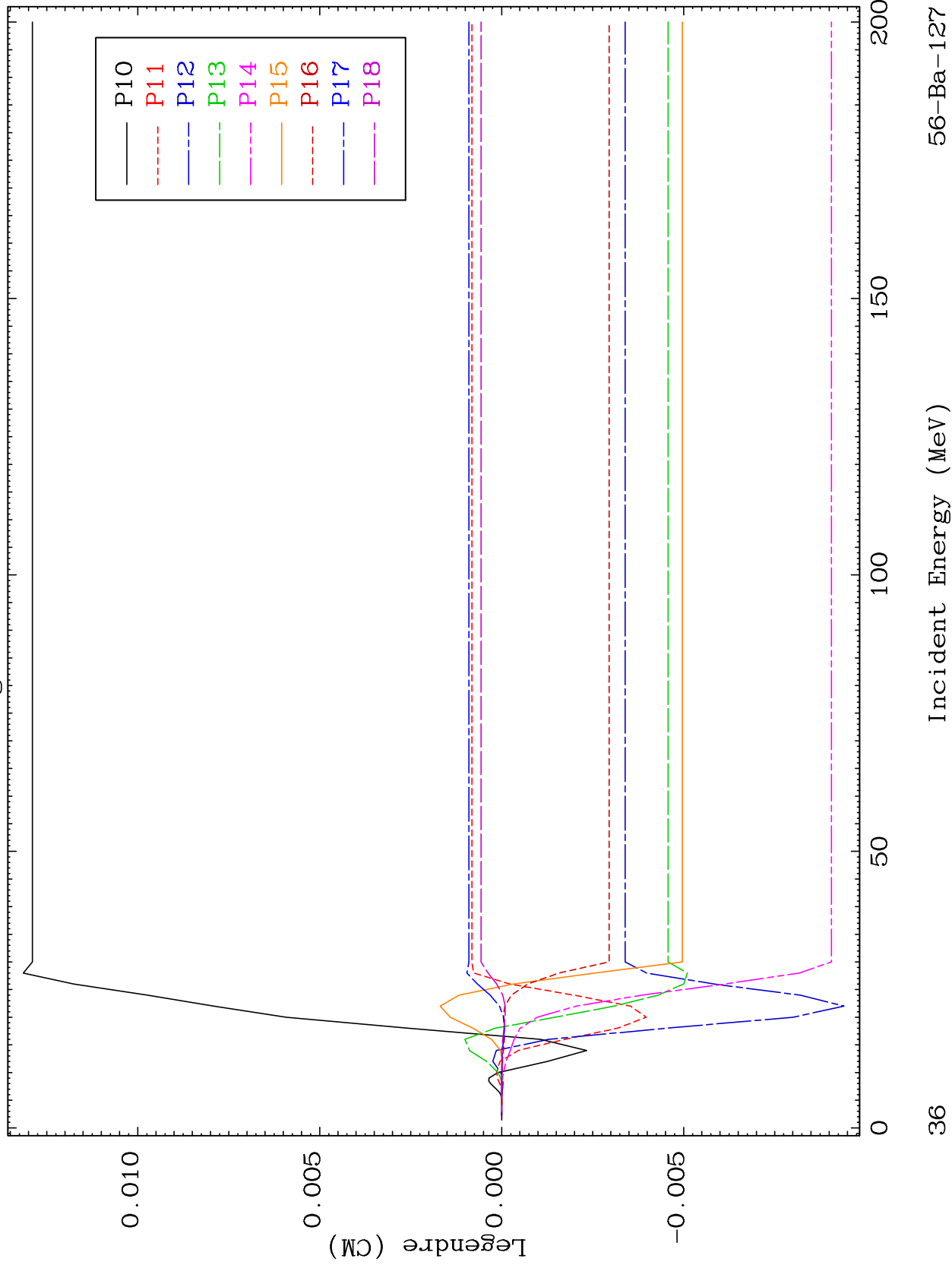
Incident Energy (MeV)

35

MAT 5616

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

56-Ba-127



36

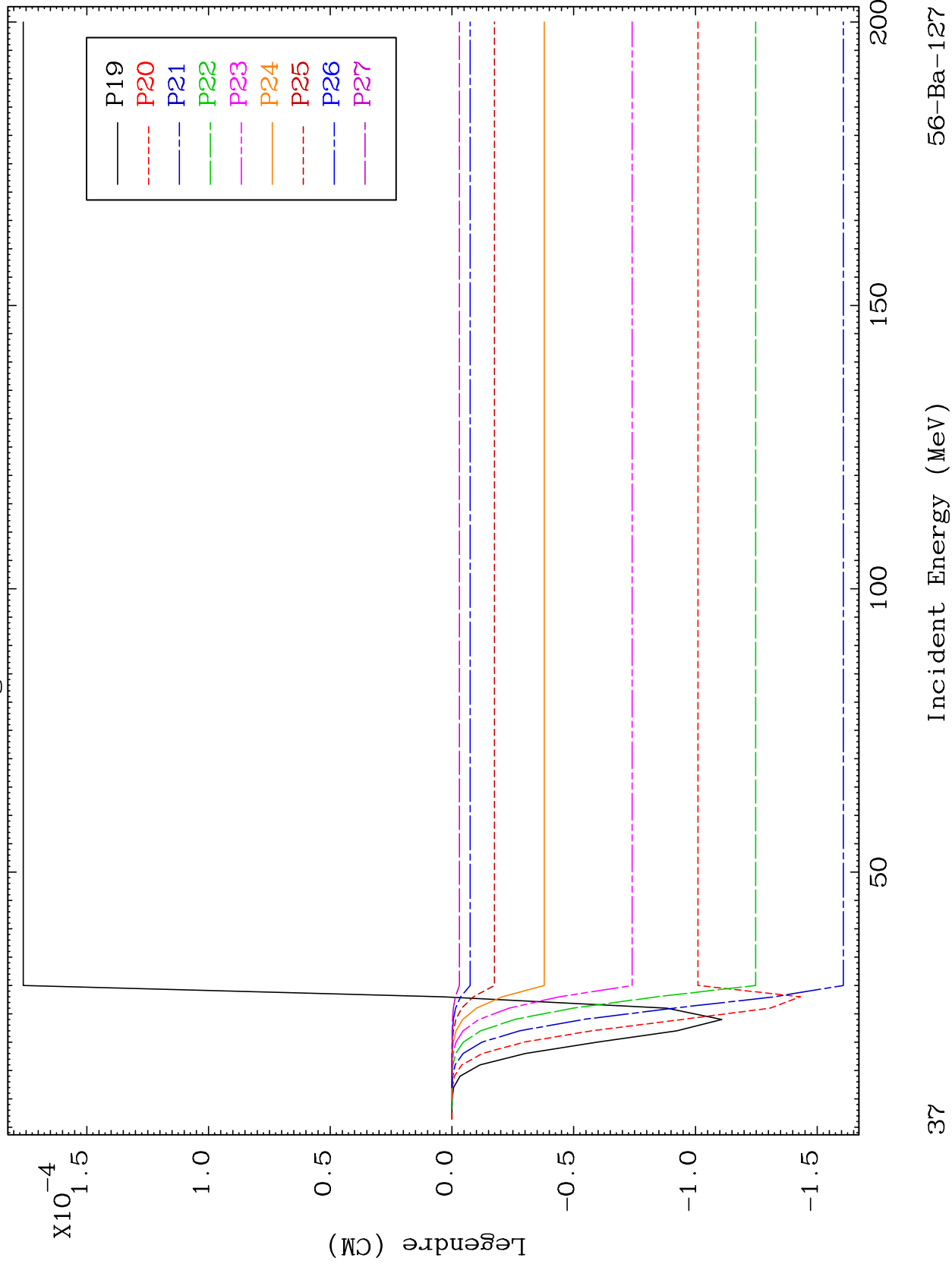
Incident Energy (MeV)

56-Ba-127

MAT 5616

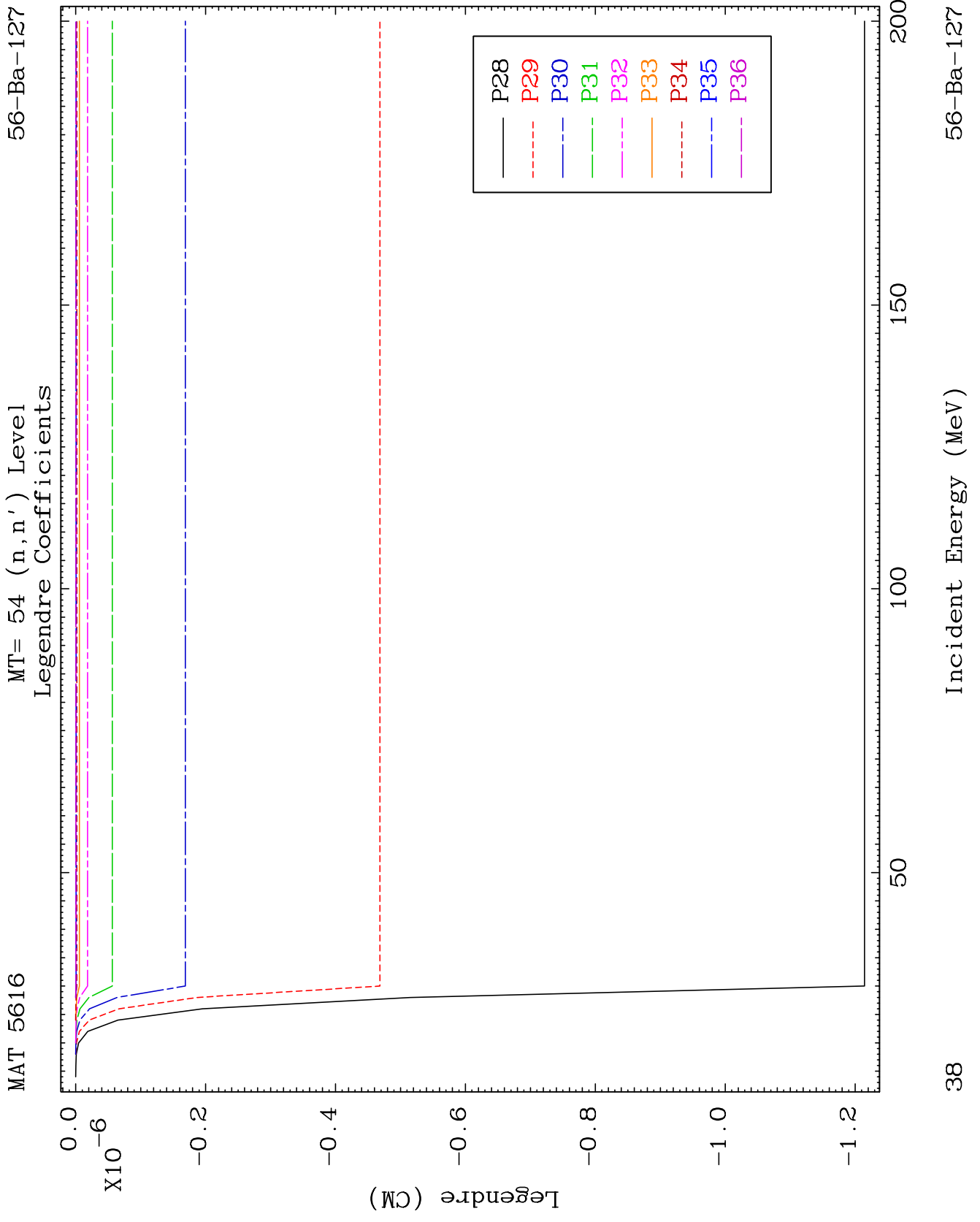
MT= 54 (n,n') Level
Legendre Coefficients

56-Ba-127



37

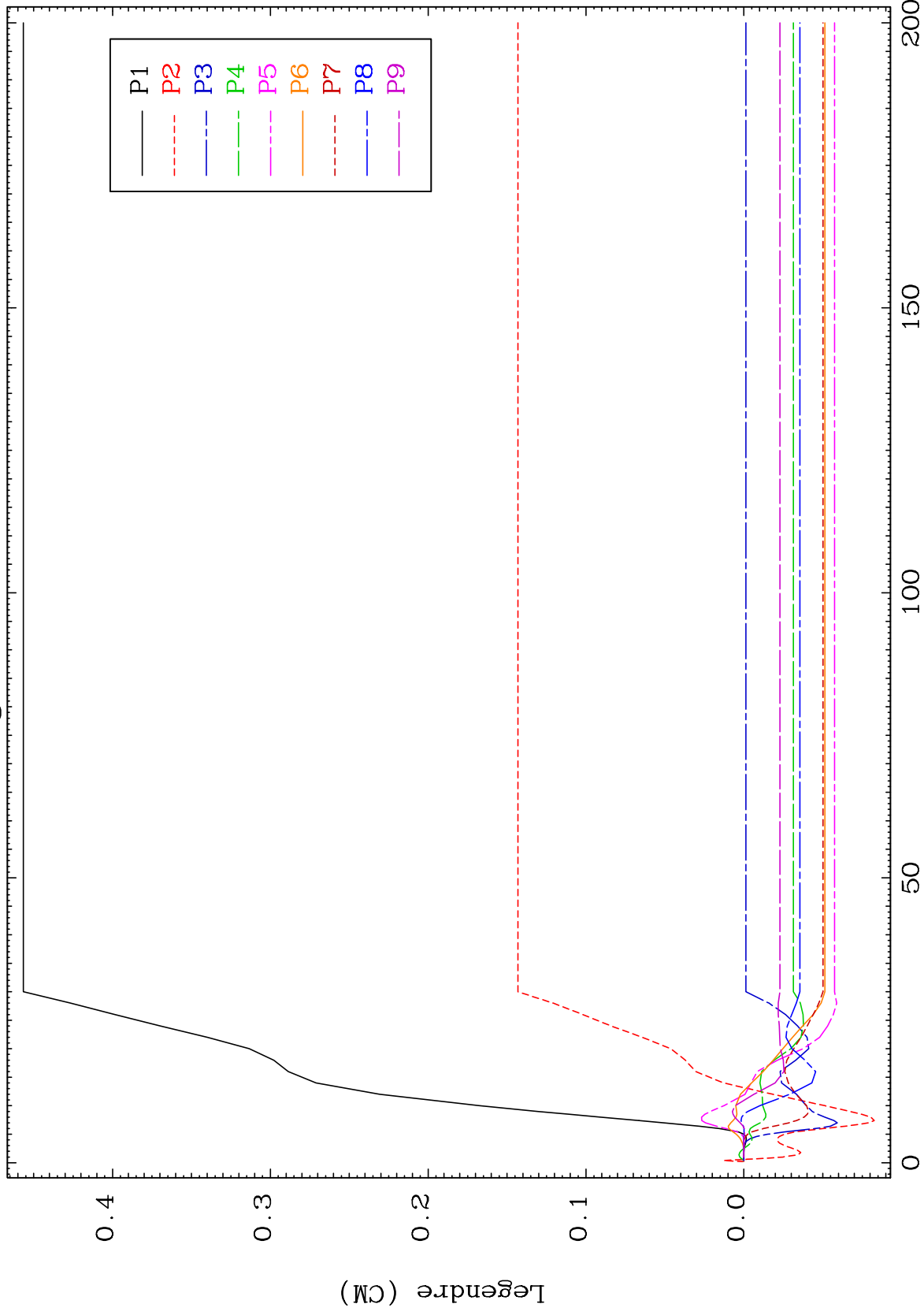
56-Ba-127



MAT 5616

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

56-Ba-127



39

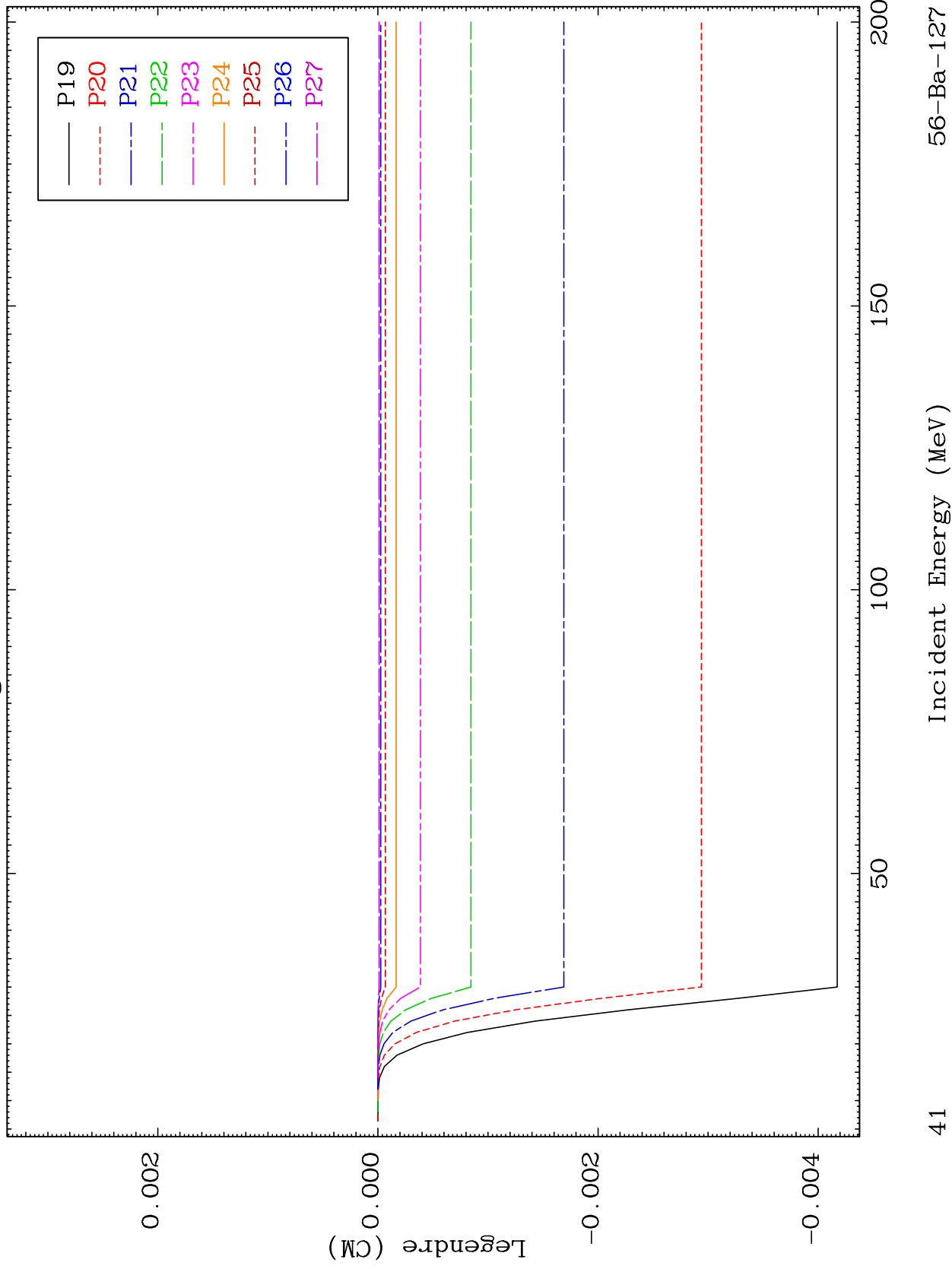
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

56-Ba-127



41

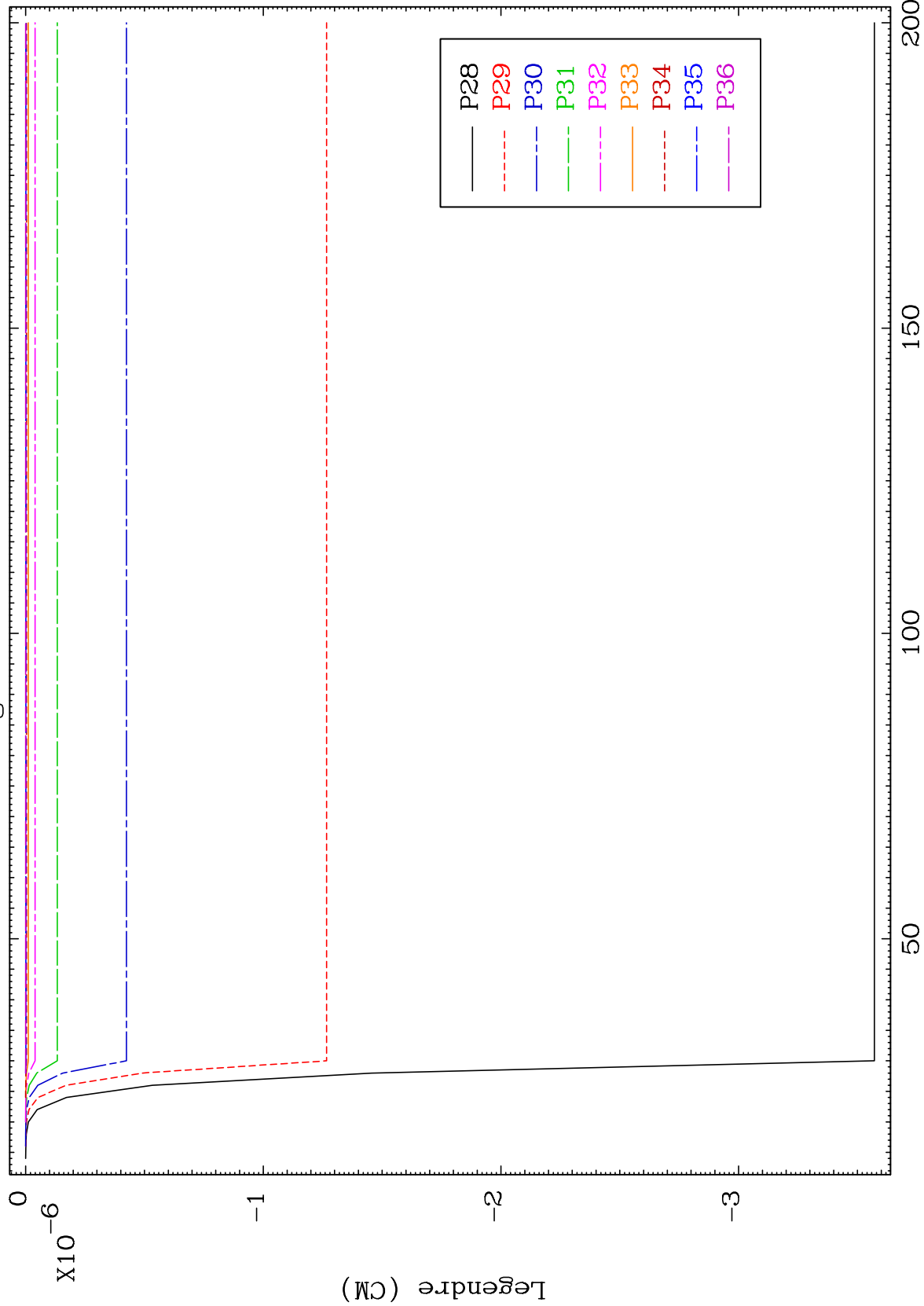
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

56-Ba-127



42

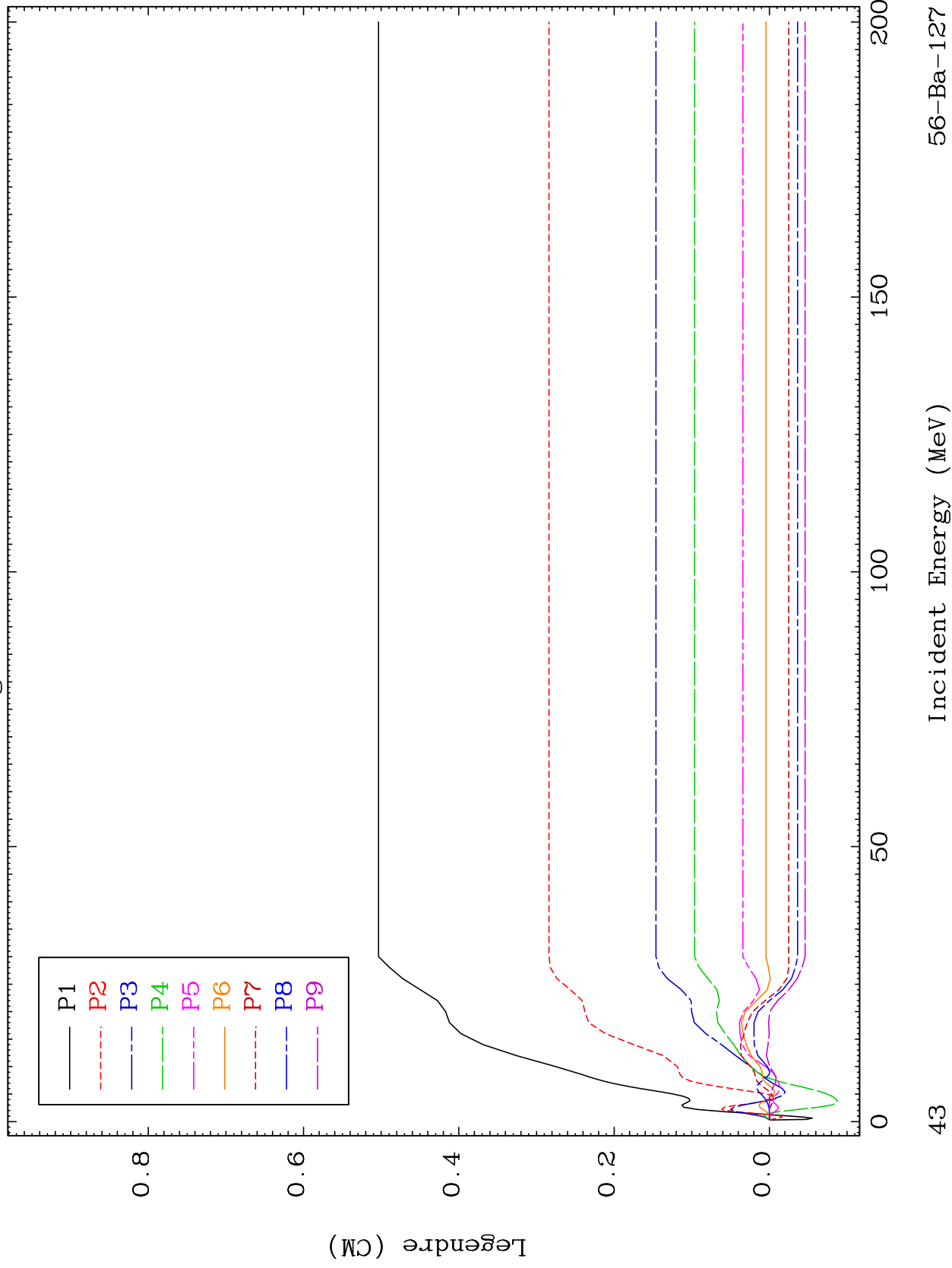
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

56-Ba-127



56-Ba-127

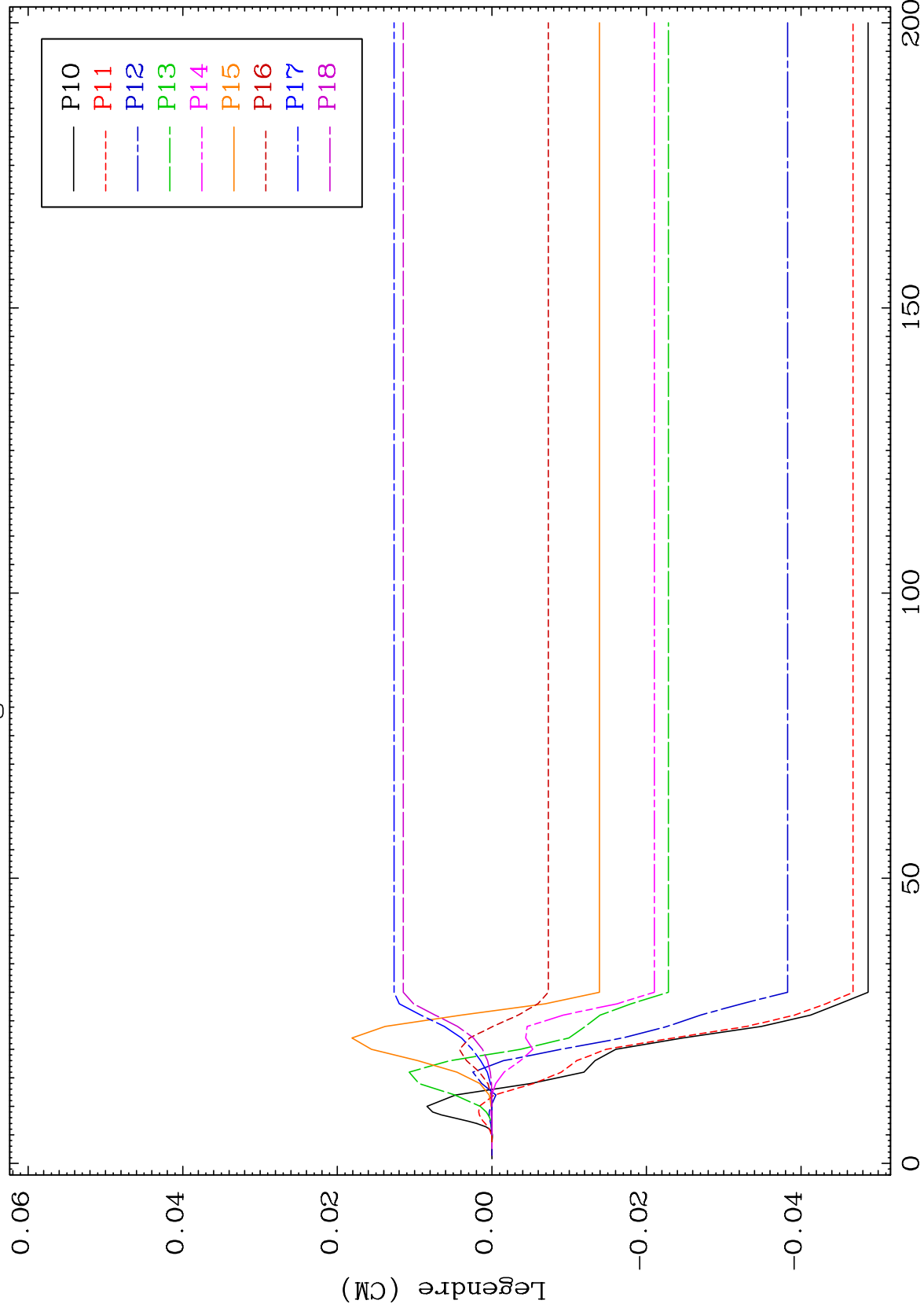
Incident Energy (MeV)

43

MAT 5616

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

56-Ba-127



44

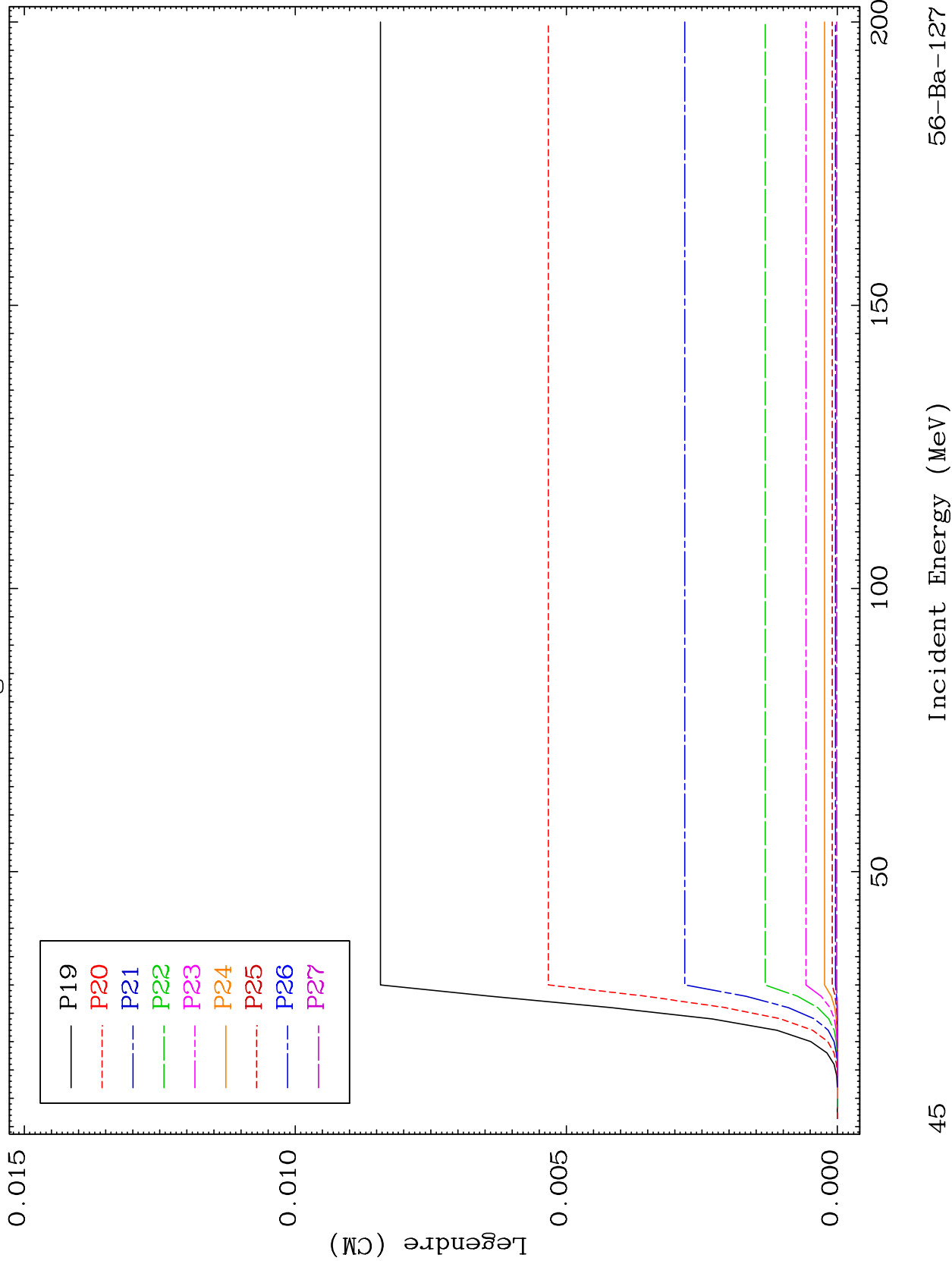
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

56-Ba-127



45

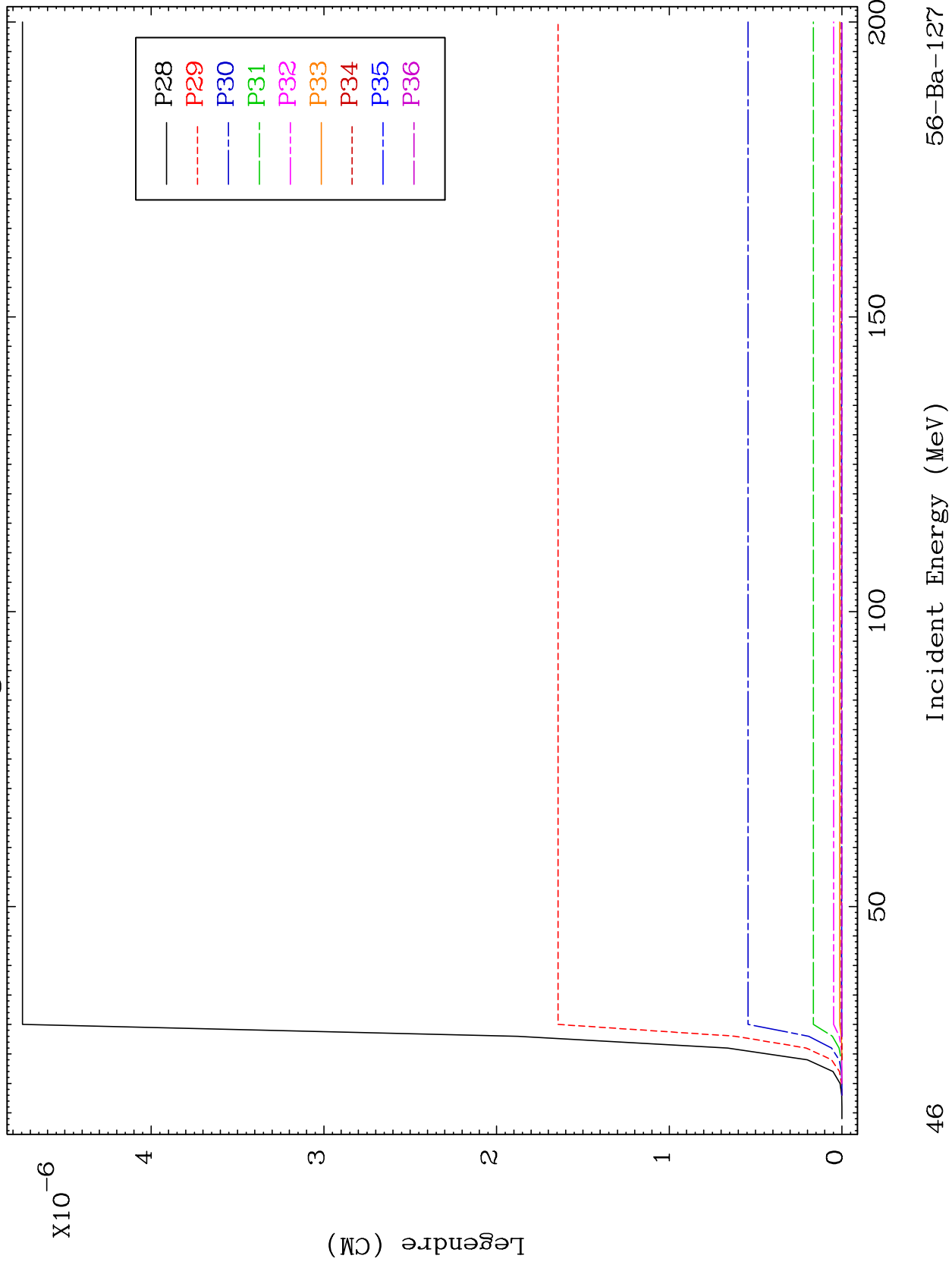
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

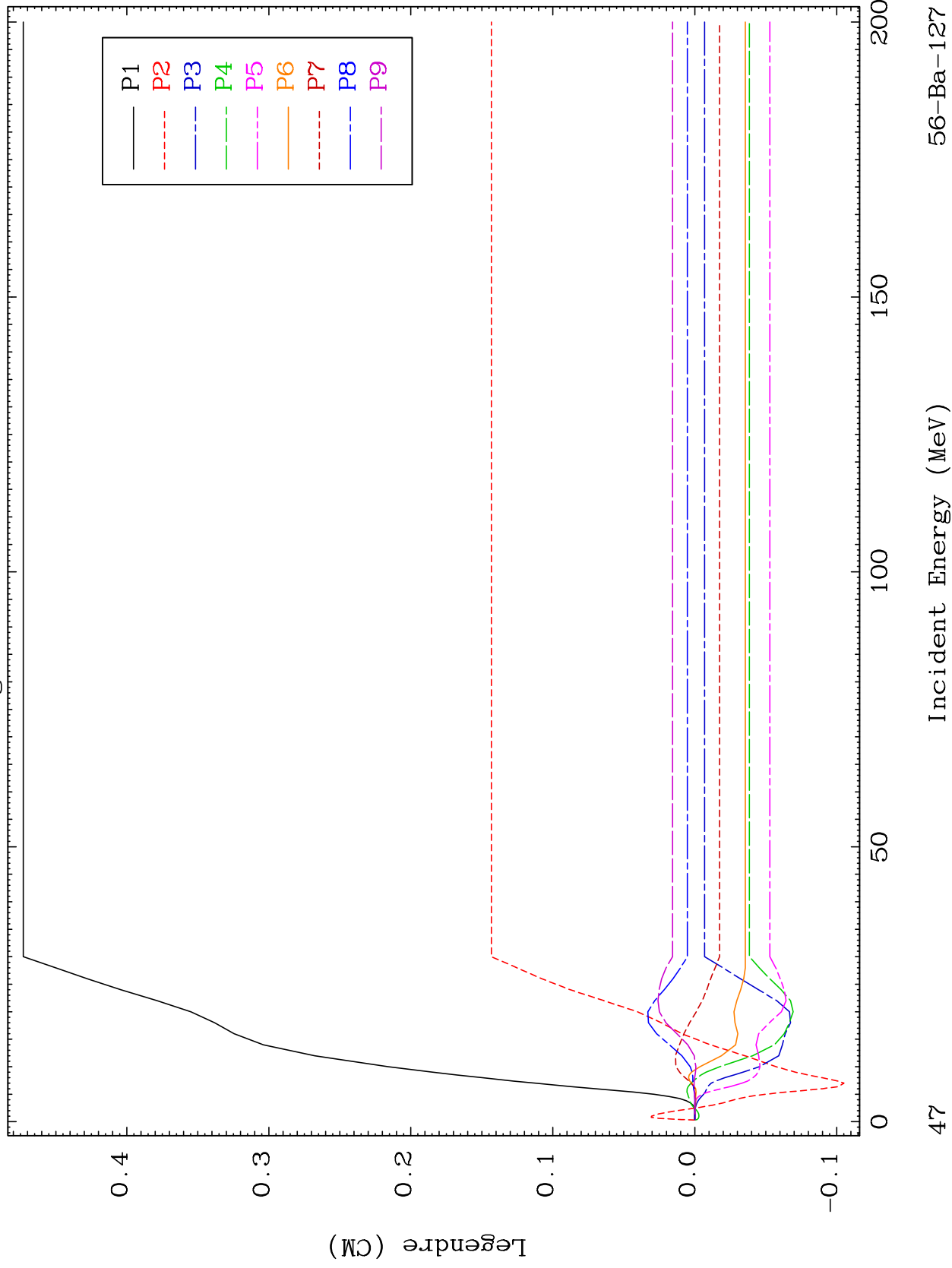
56-Ba-127



MAT 5616

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

56-Ba-127



56-Ba-127

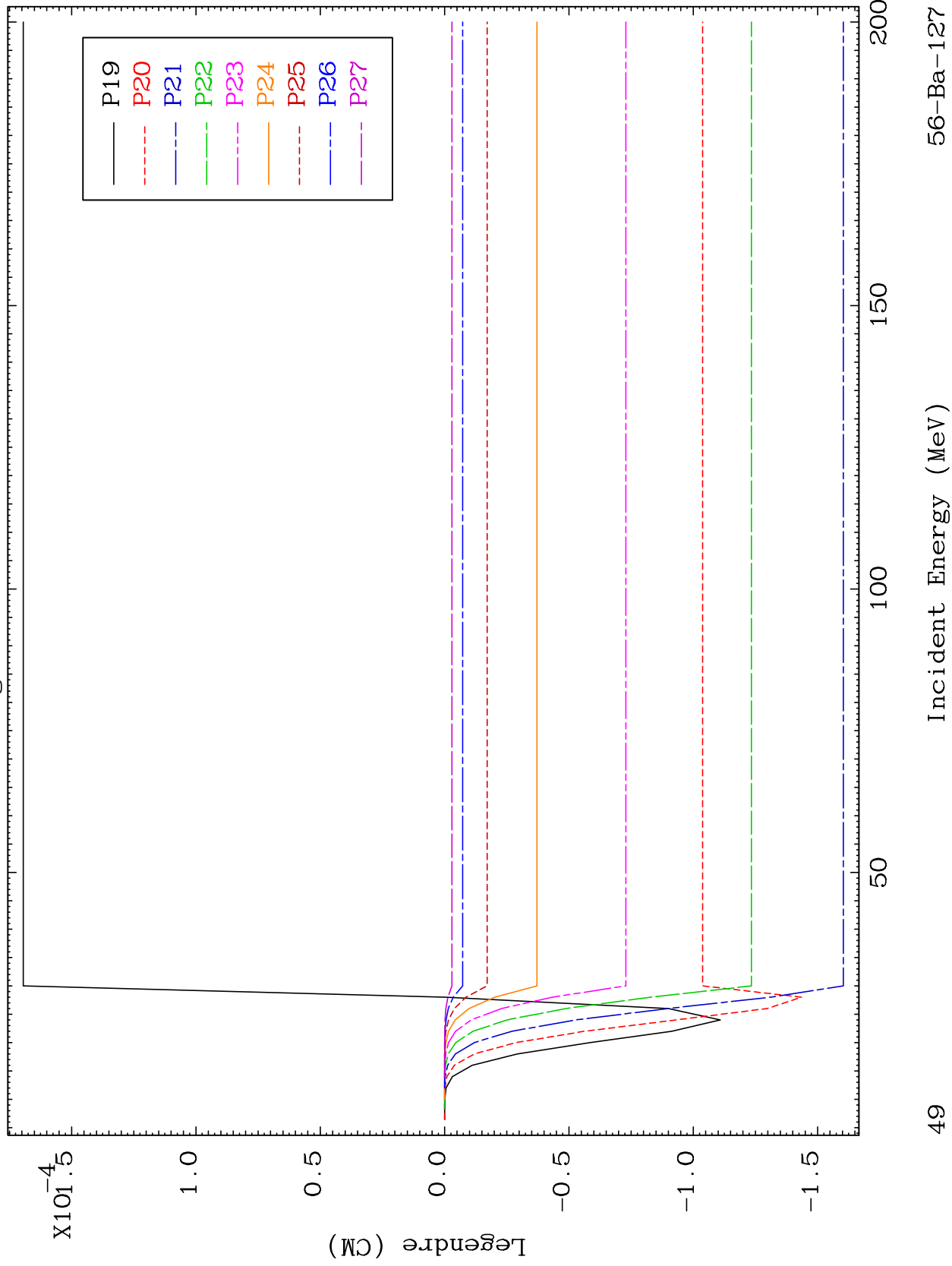
Incident Energy (MeV)

47

MAT 5616

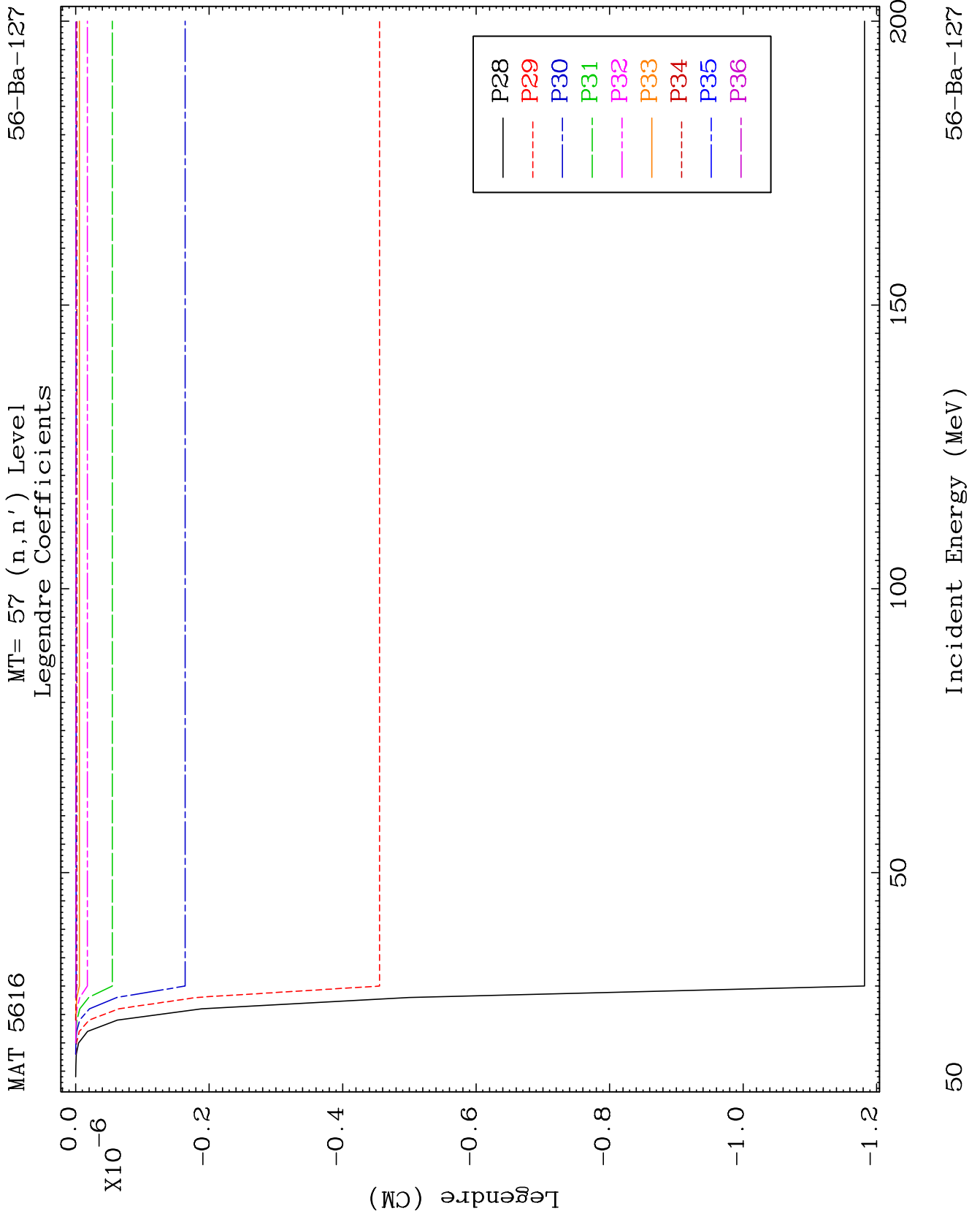
MT= 57 (n,n') Level
Legendre Coefficients

56-Ba-127



49

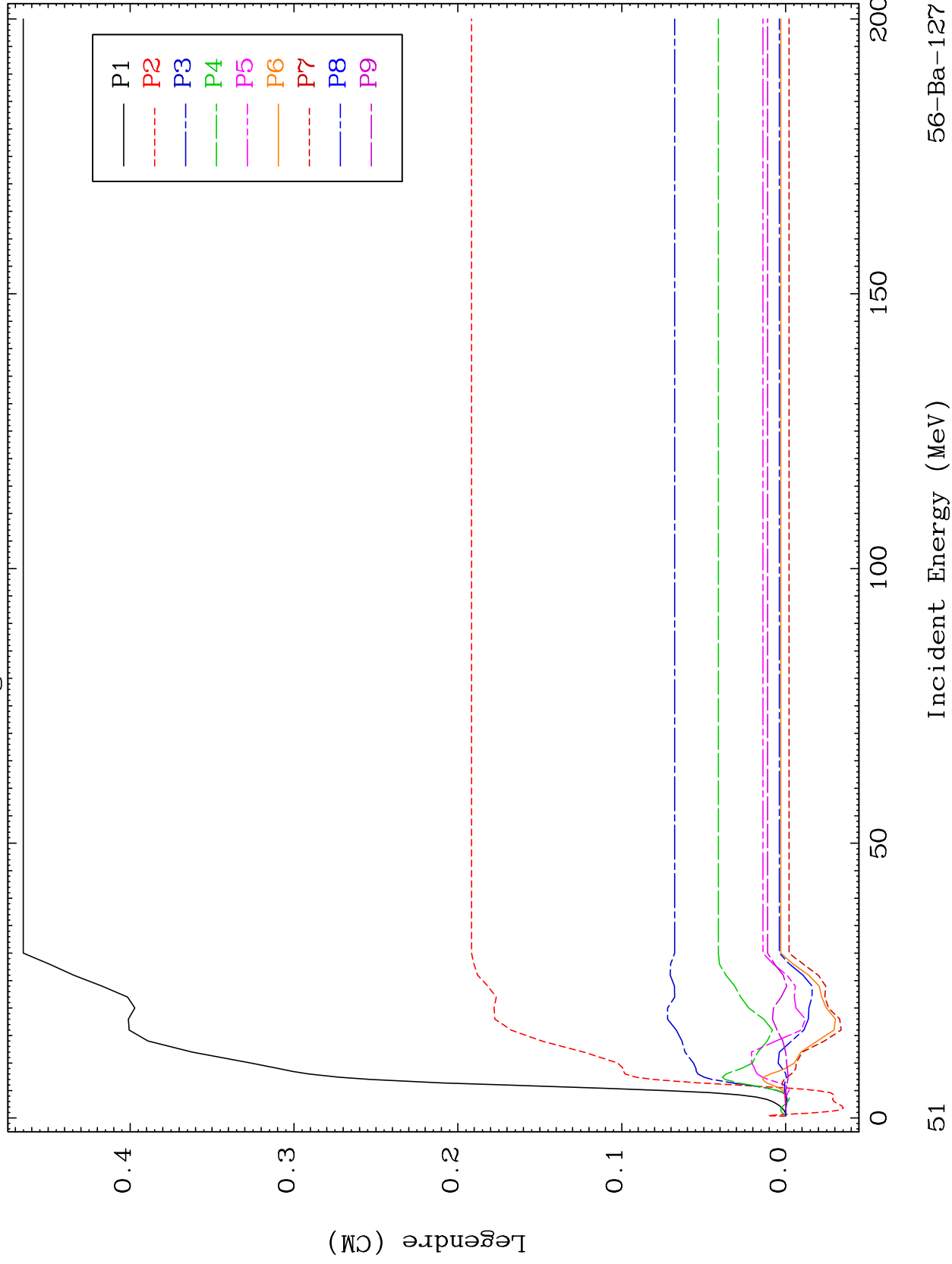
56-Ba-127



MAT 5616

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

56-Ba-127



56-Ba-127

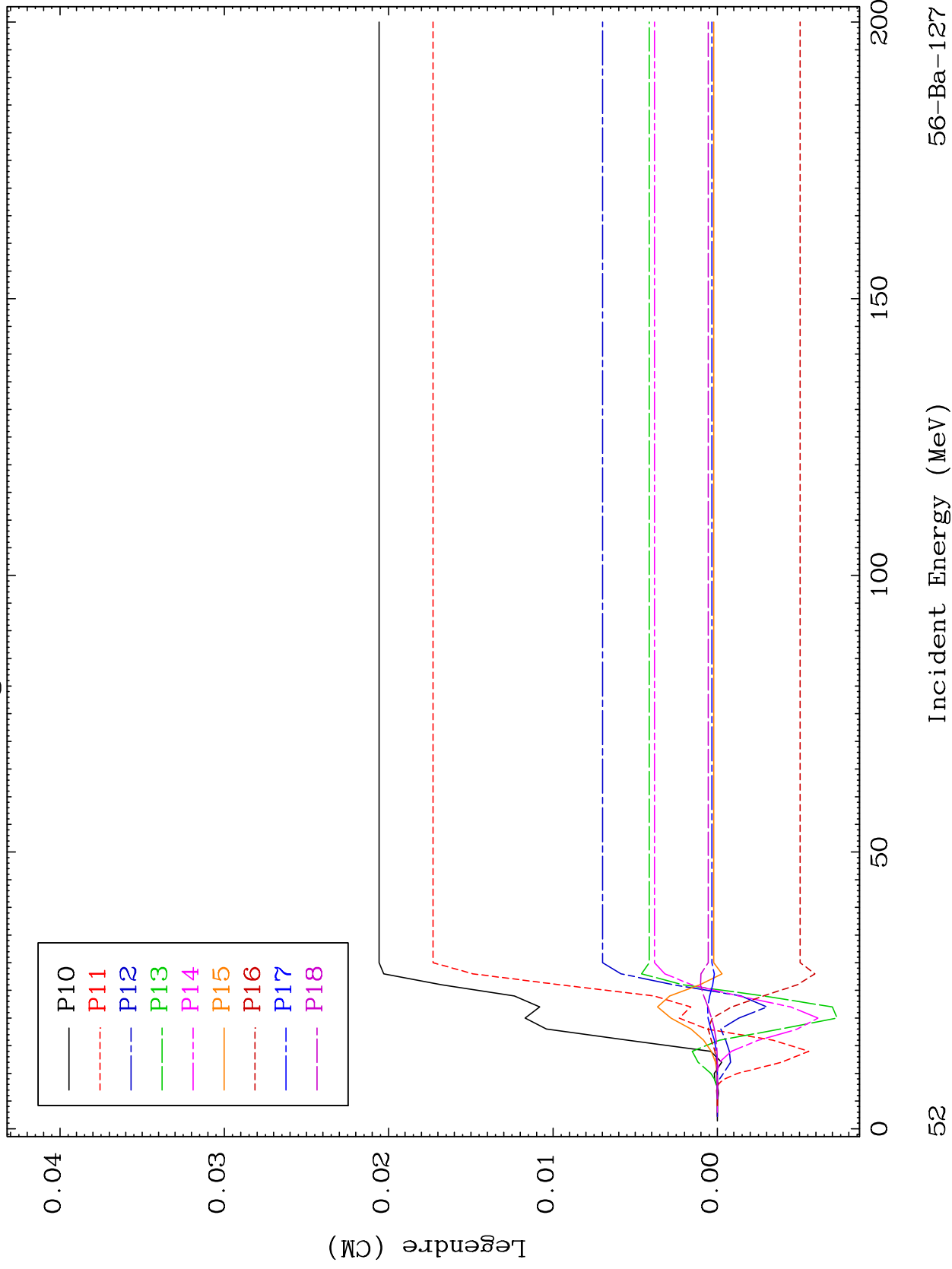
Incident Energy (MeV)

51

MAT 5616

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

56-Ba-127



56-Ba-127

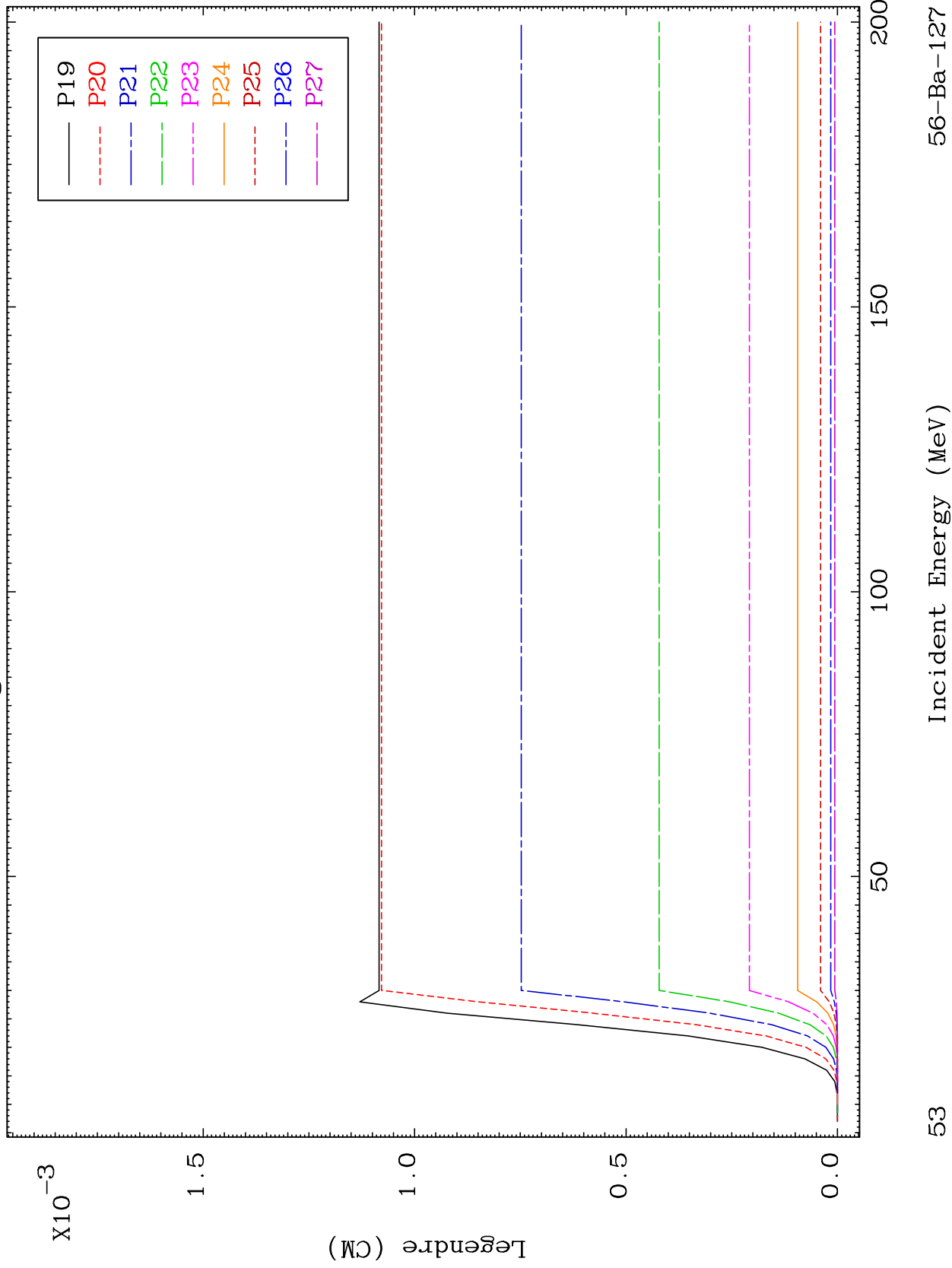
Incident Energy (MeV)

52

MAT 5616

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

56-Ba-127



53

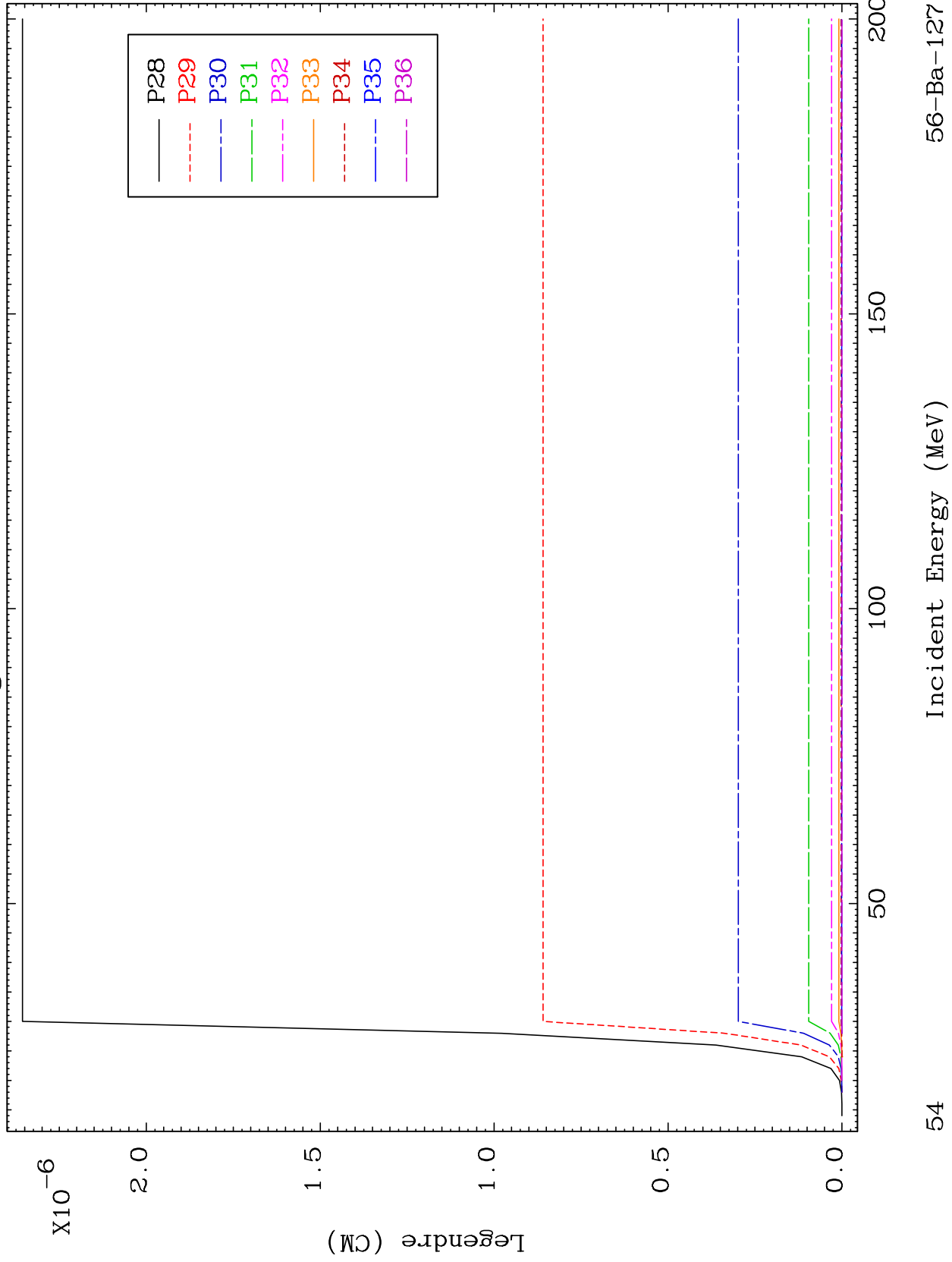
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

56-Ba-127

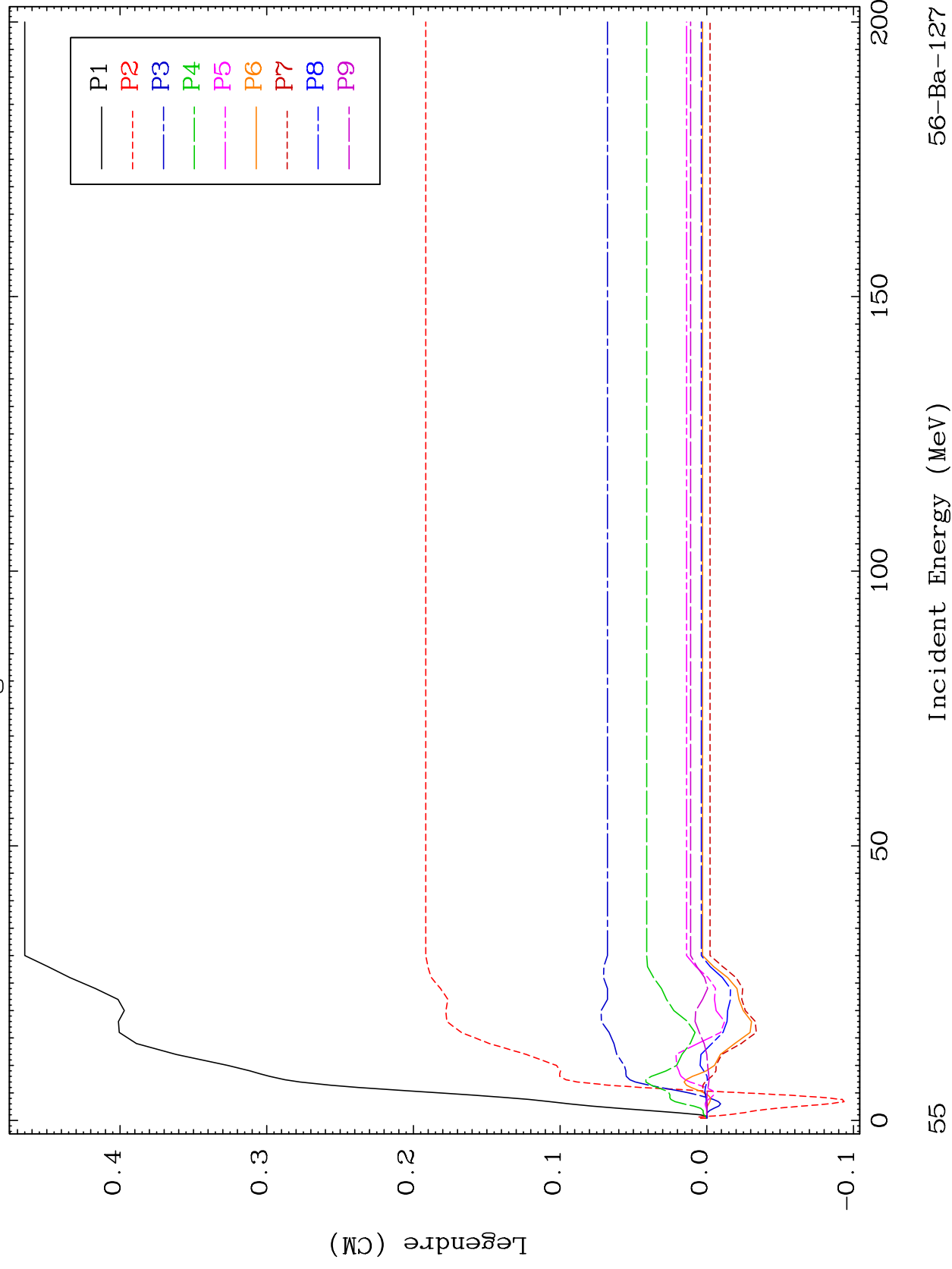


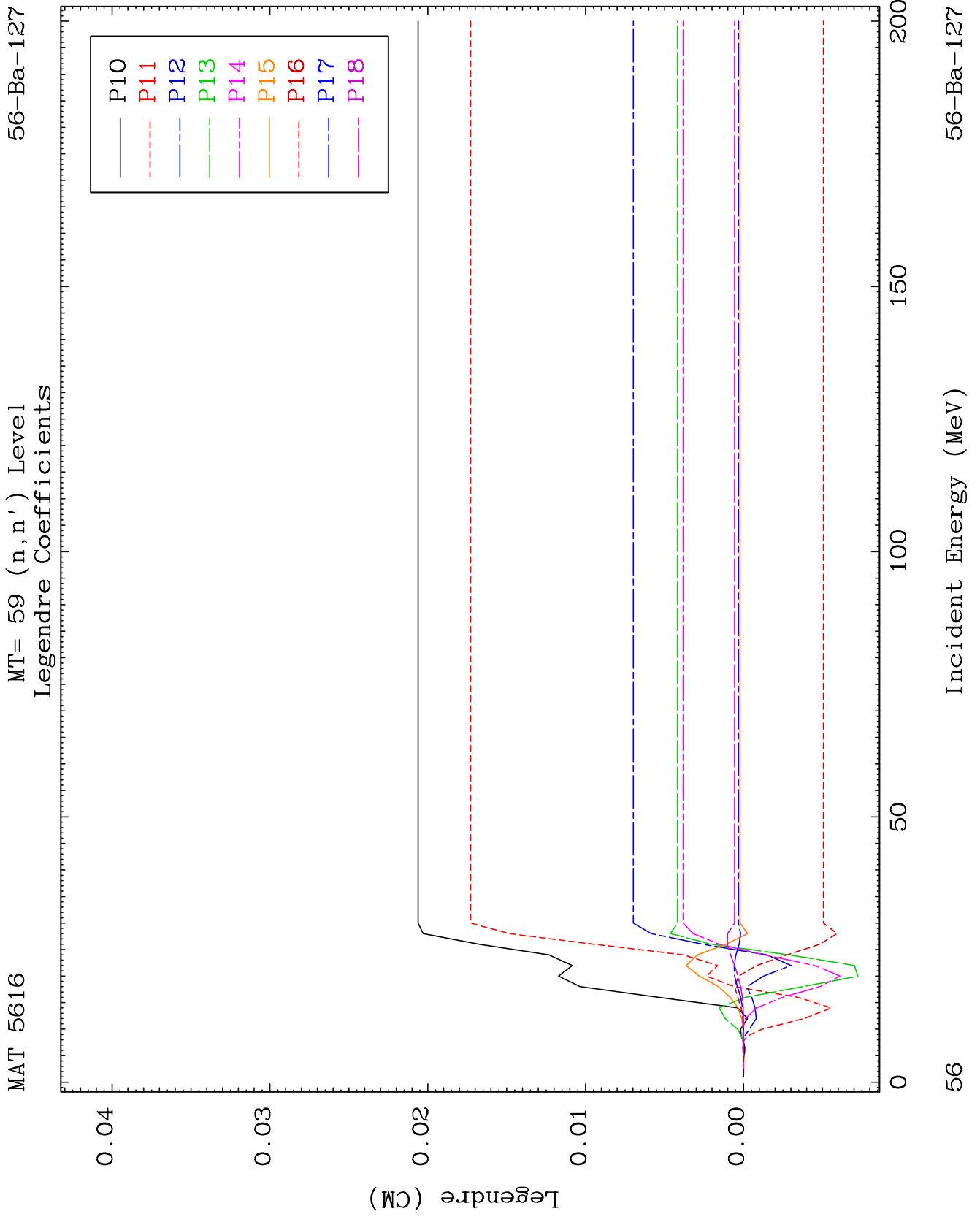
54

MAT 5616

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

56-Ba-127

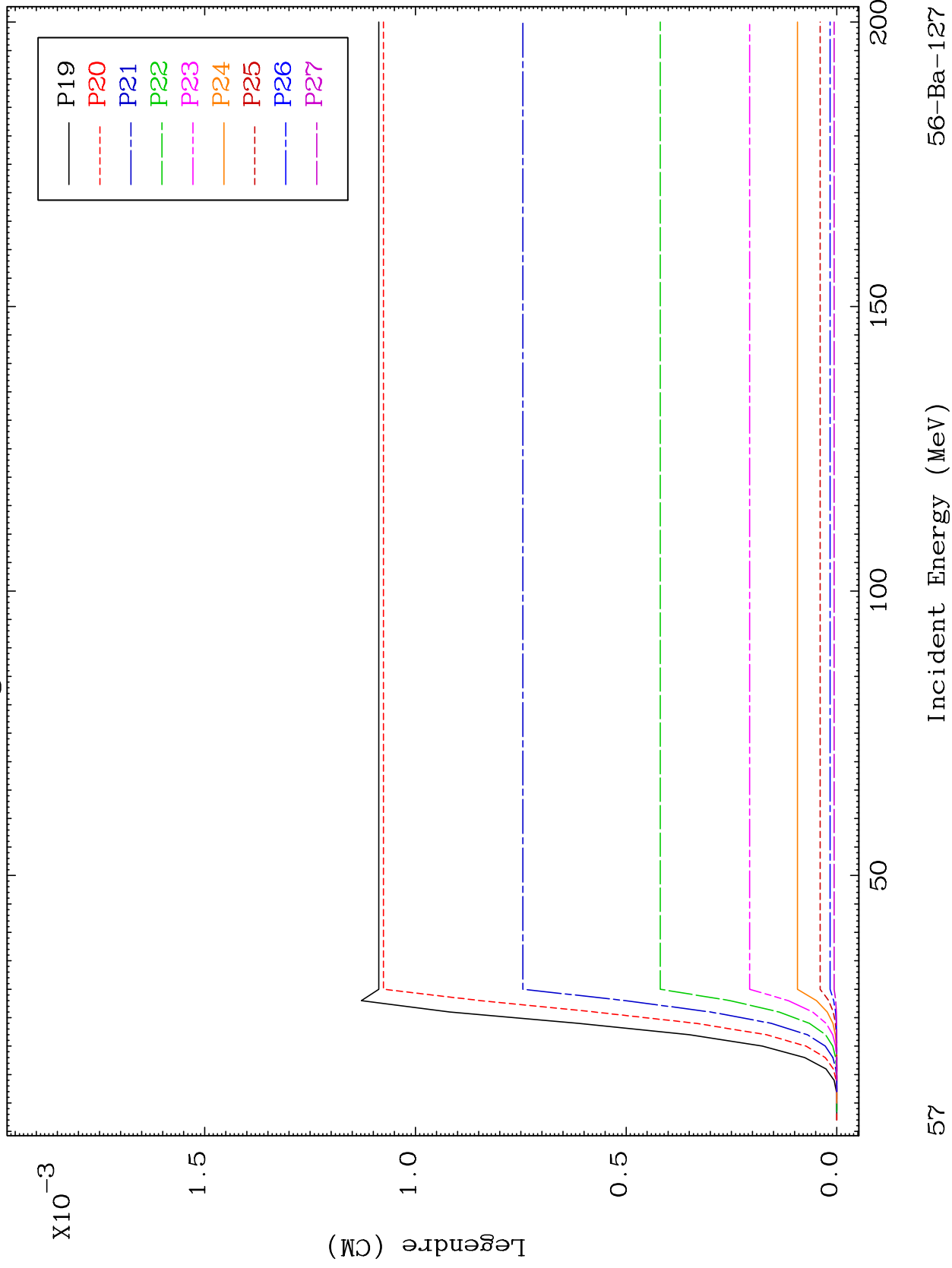




MAT 5616

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

56-Ba-127

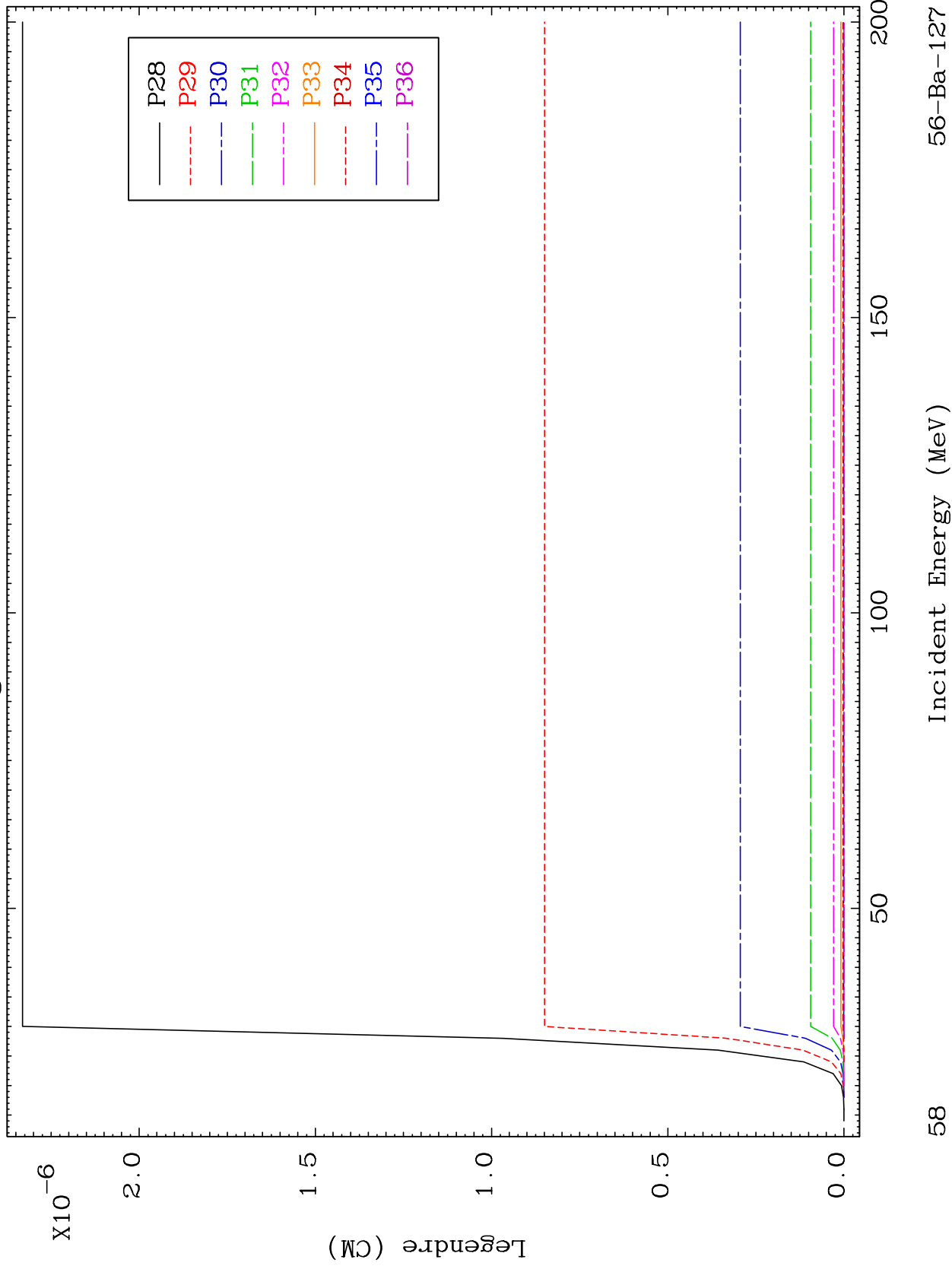


57

MAT 5616

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

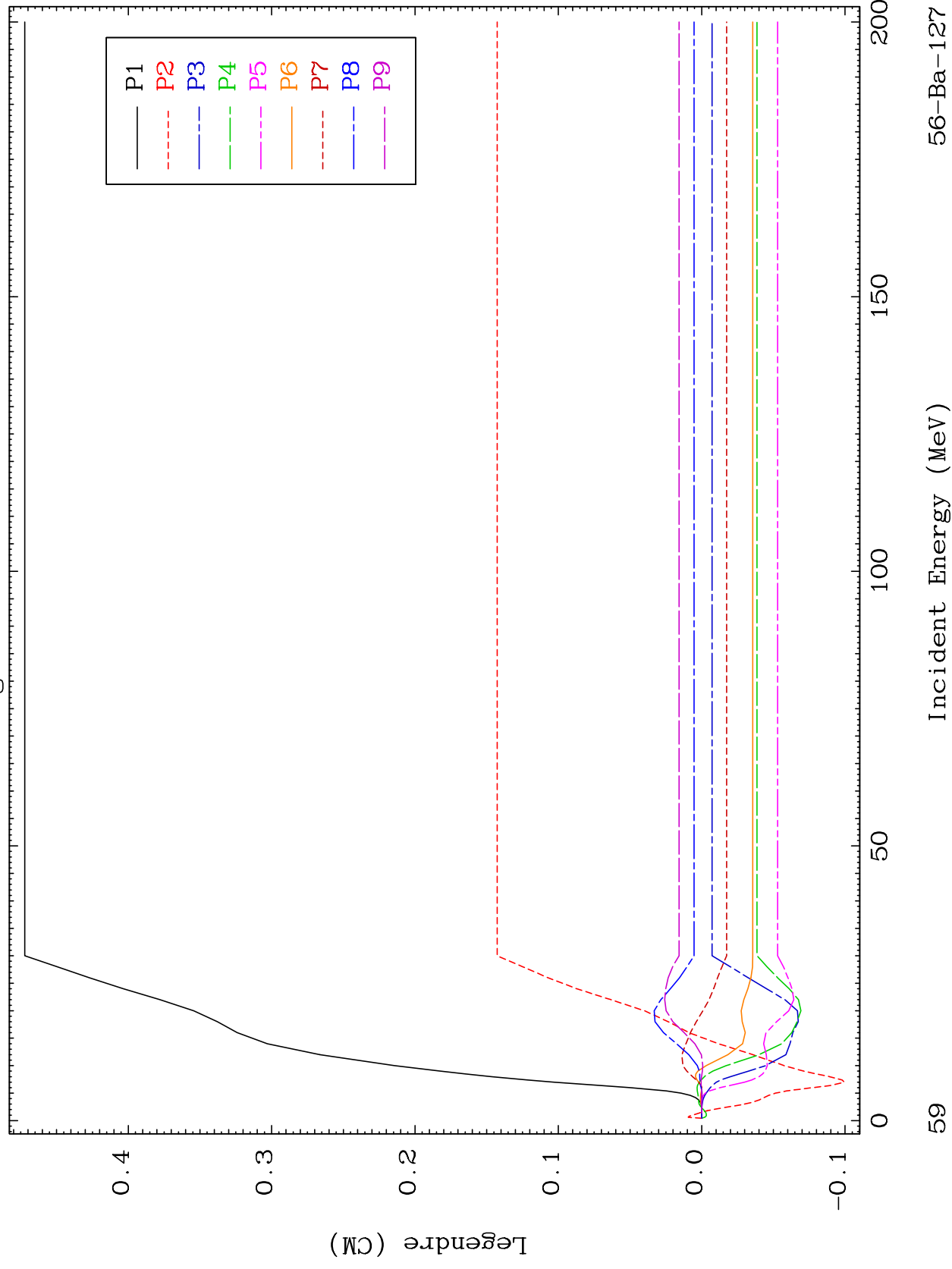
56-Ba-127



MAT 5616

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

56-Ba-127



56-Ba-127

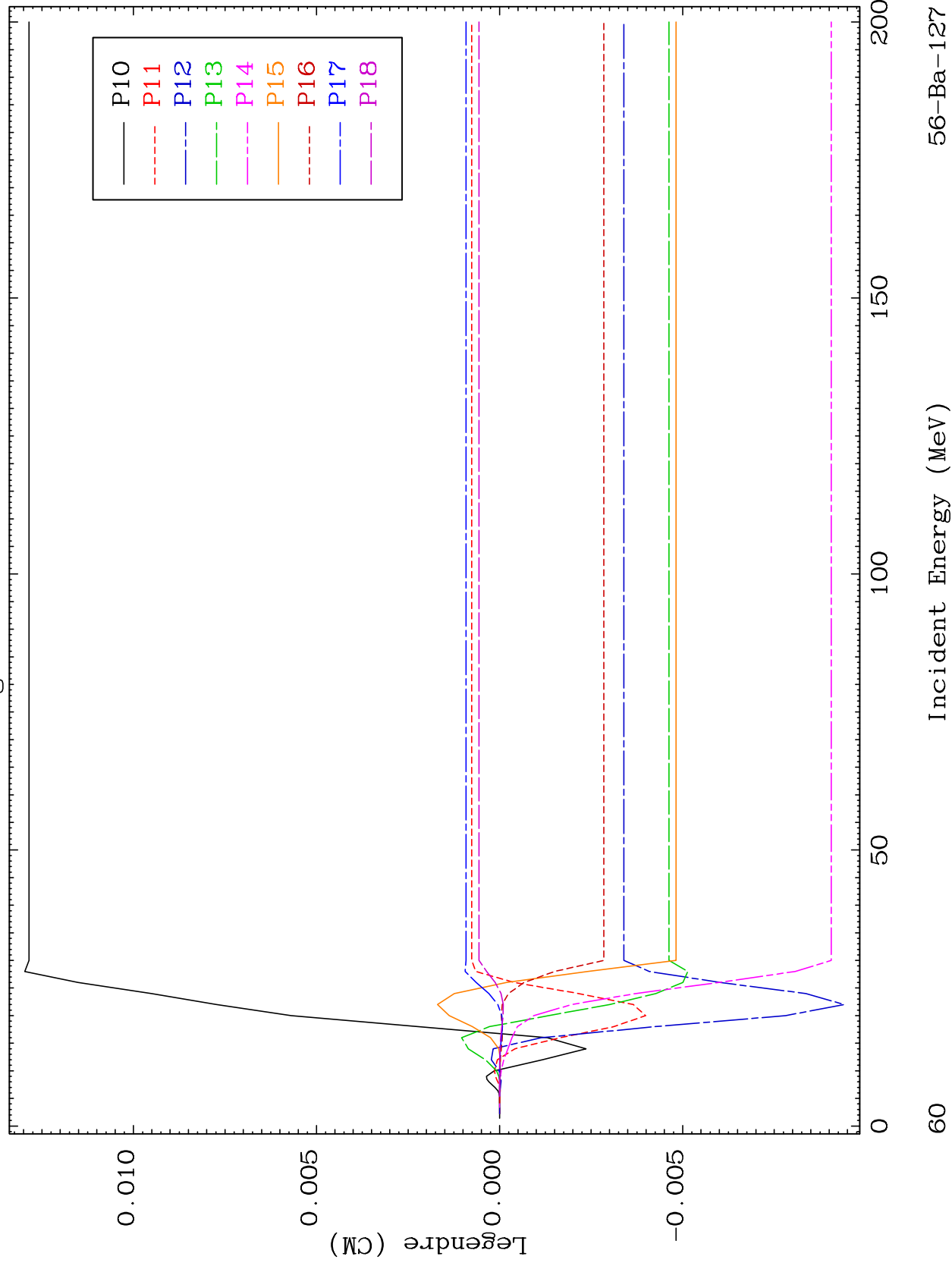
Incident Energy (MeV)

59

MAT 5616

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

56-Ba-127



56-Ba-127

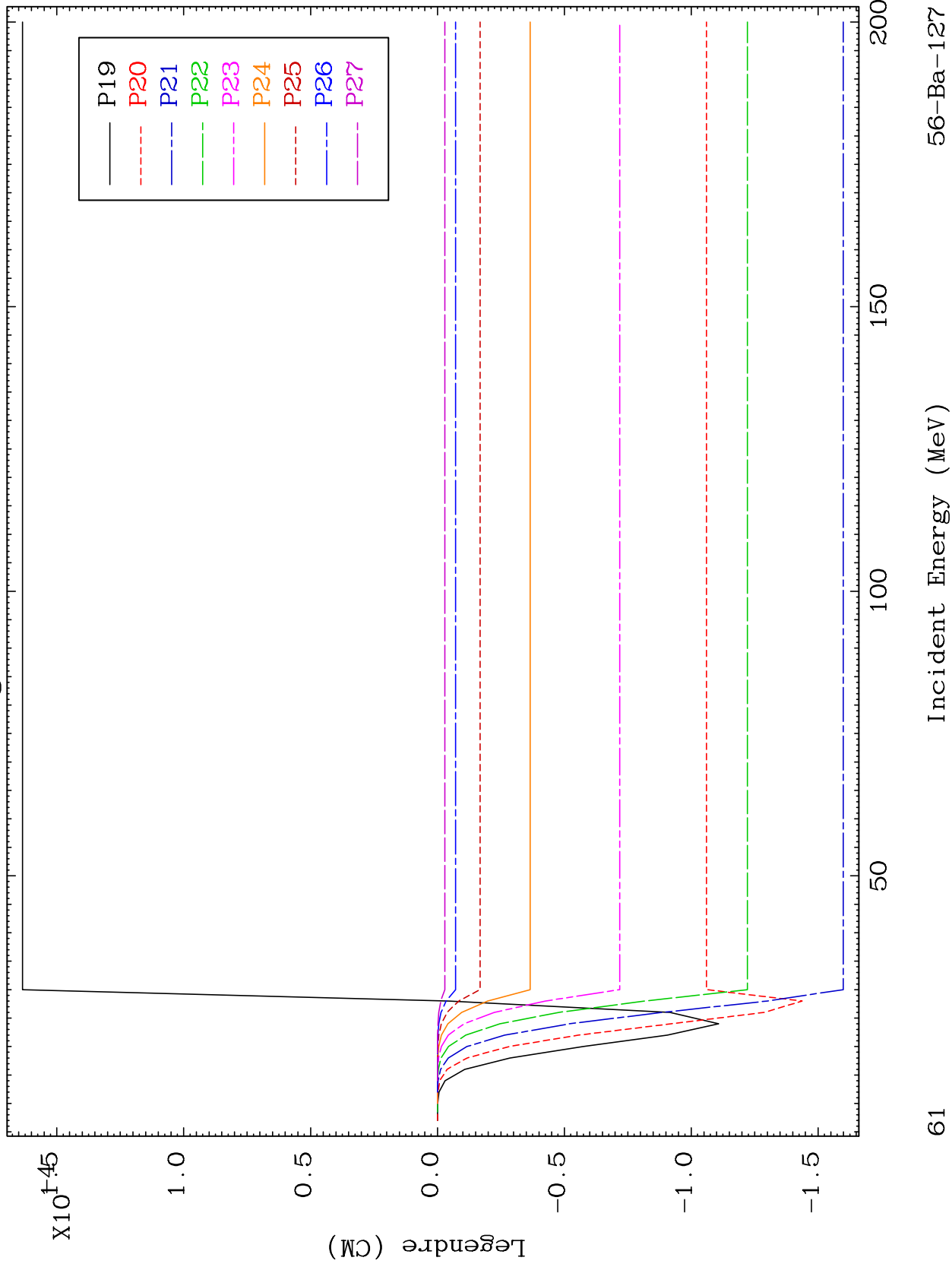
Incident Energy (MeV)

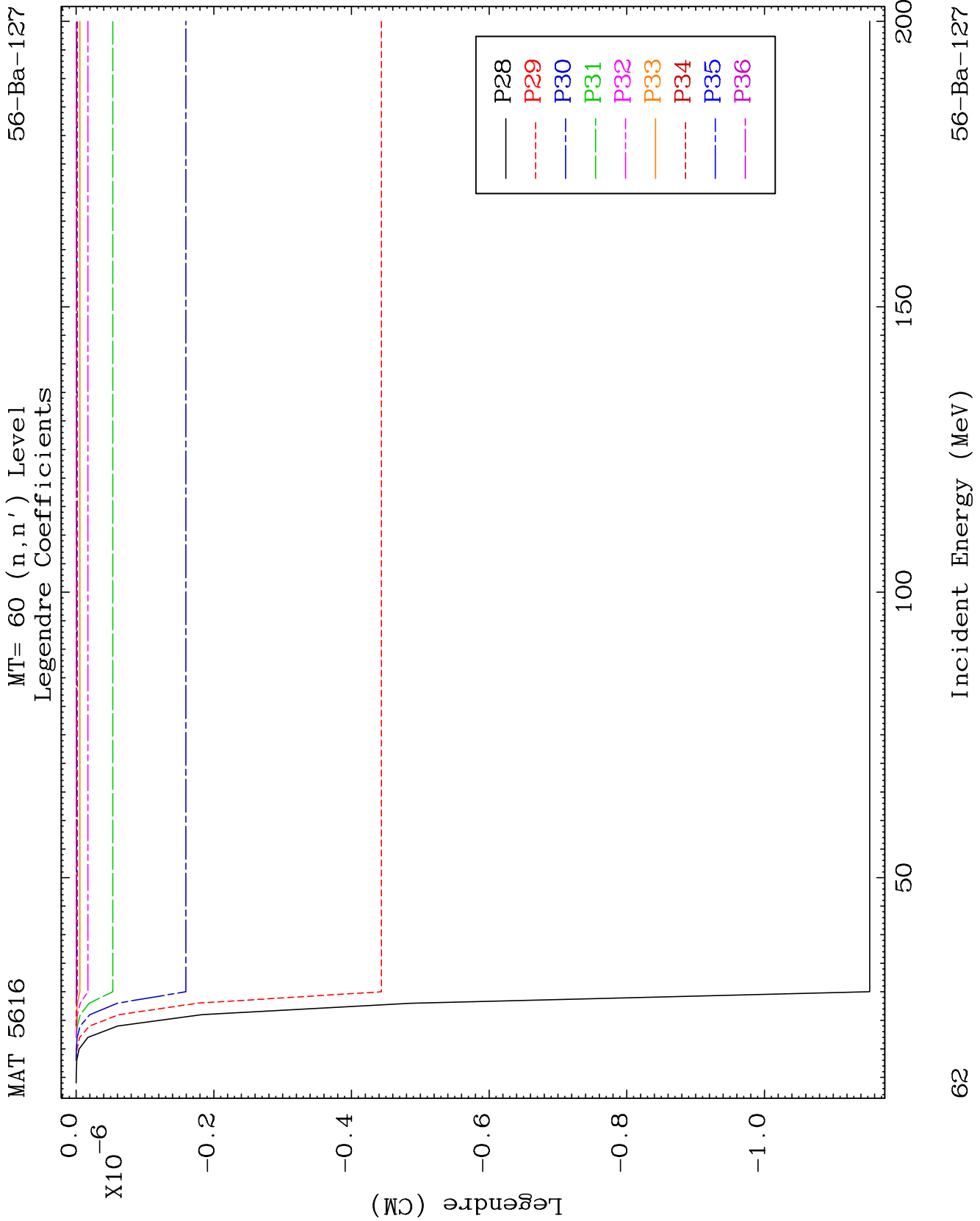
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MAT 5616

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

56-Ba-127

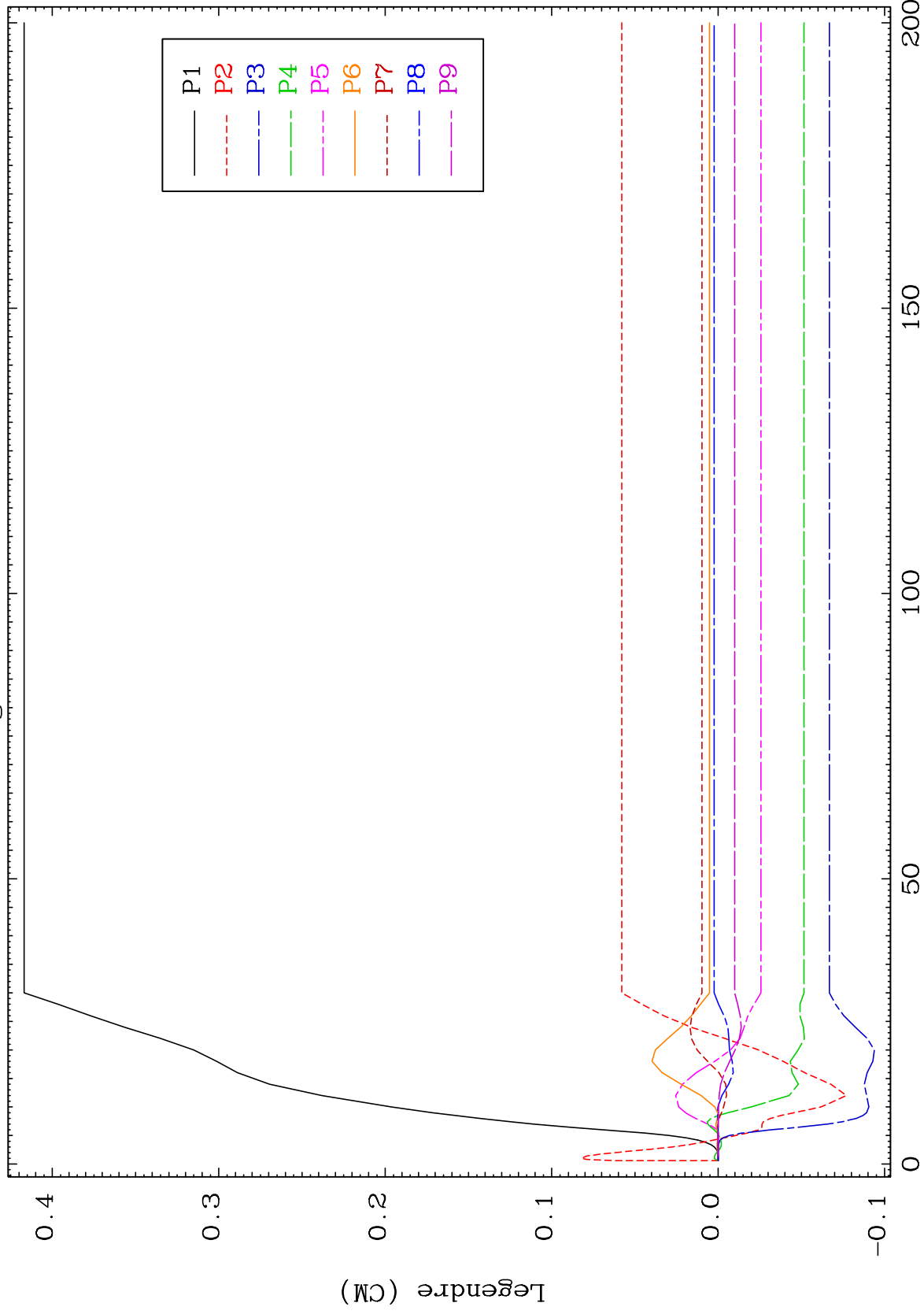




MAT 5616

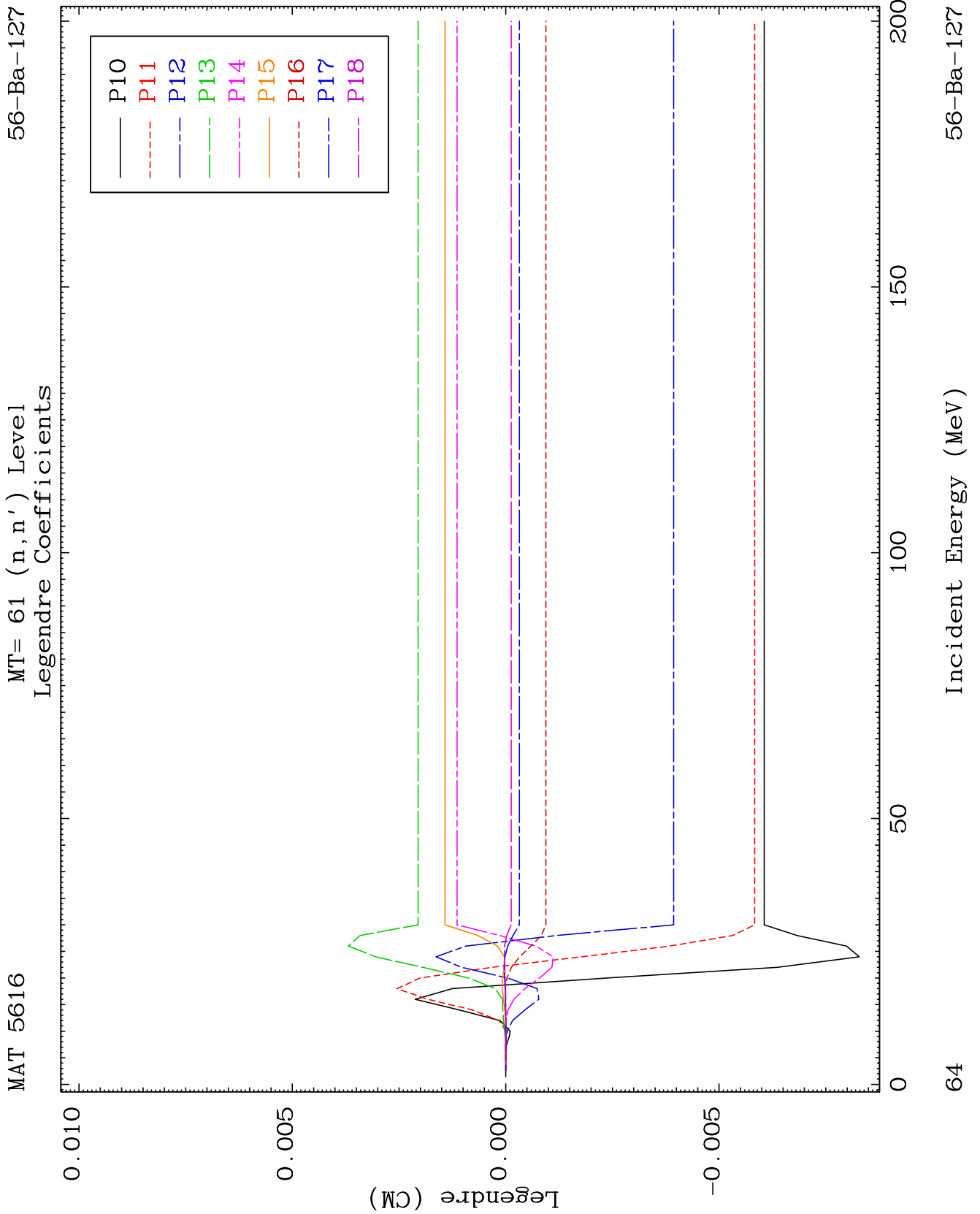
MT= 61 (n,n') Level
Legendre Coefficients

56-Ba-127



63

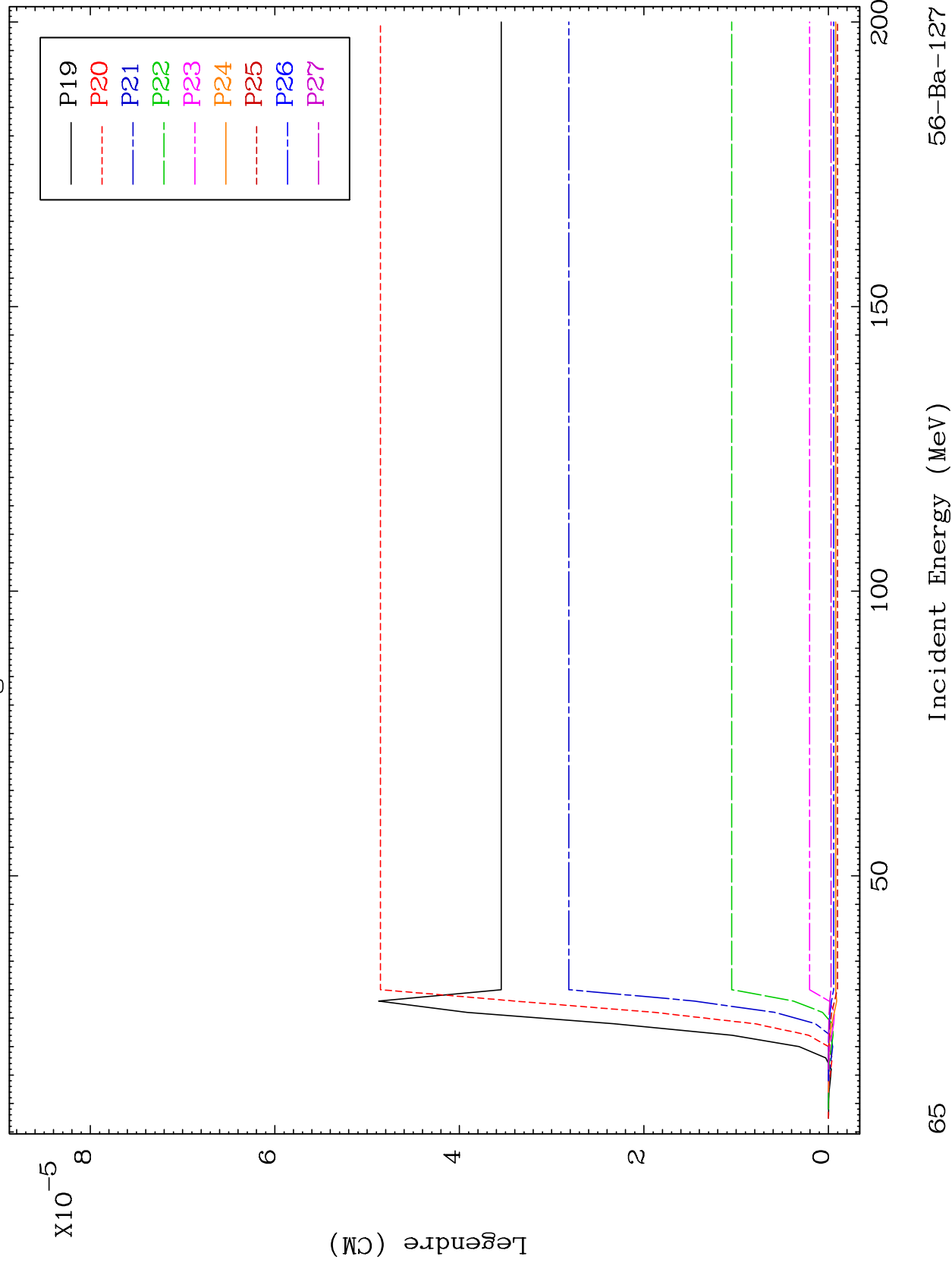
56-Ba-127



MAT 5616

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

56-Ba-127



65

Incident Energy (MeV)

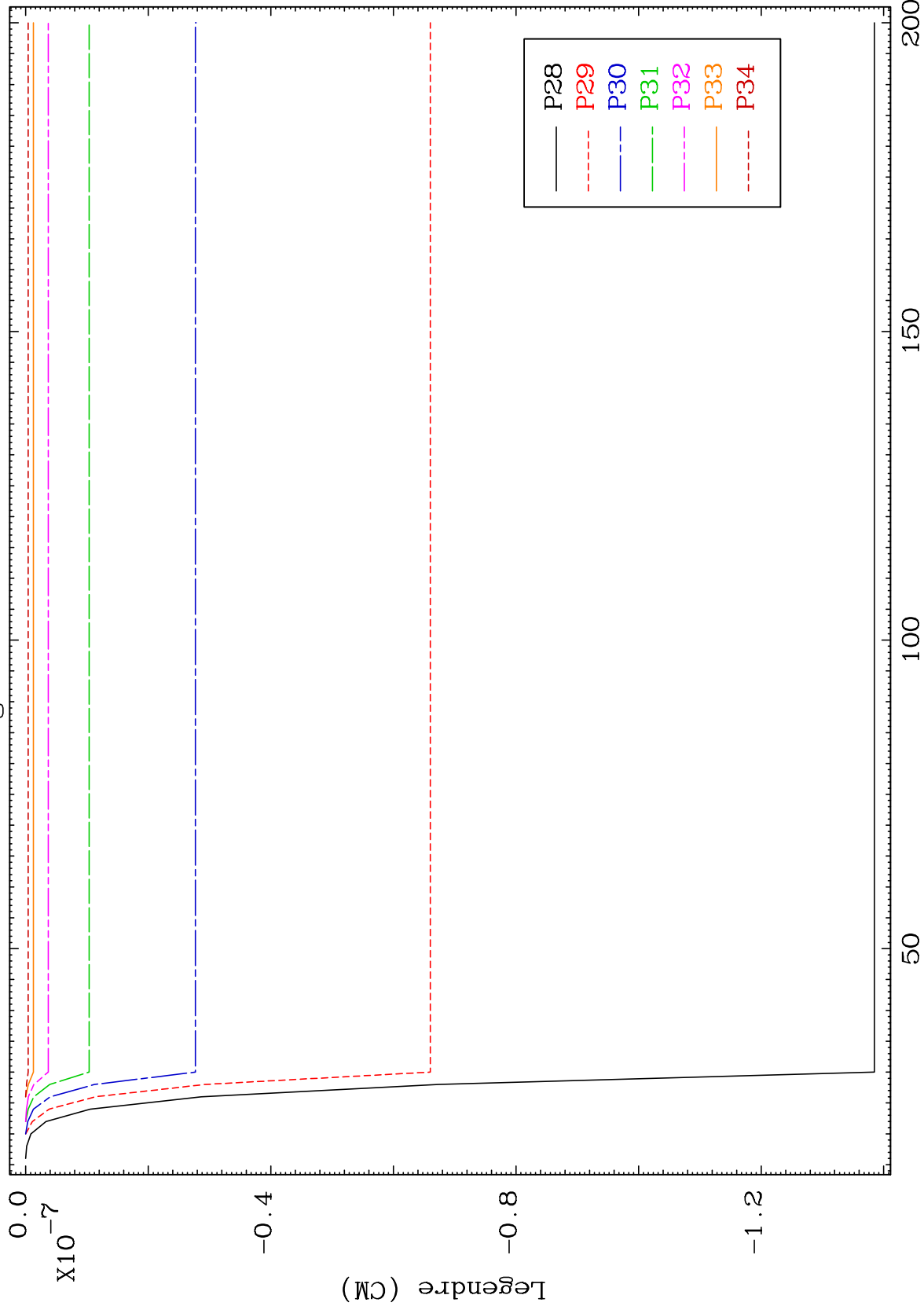
56-Ba-127

MAT 5616

MT= 61 (n,n') Level

56-Ba-127

Legendre Coefficients



56-Ba-127

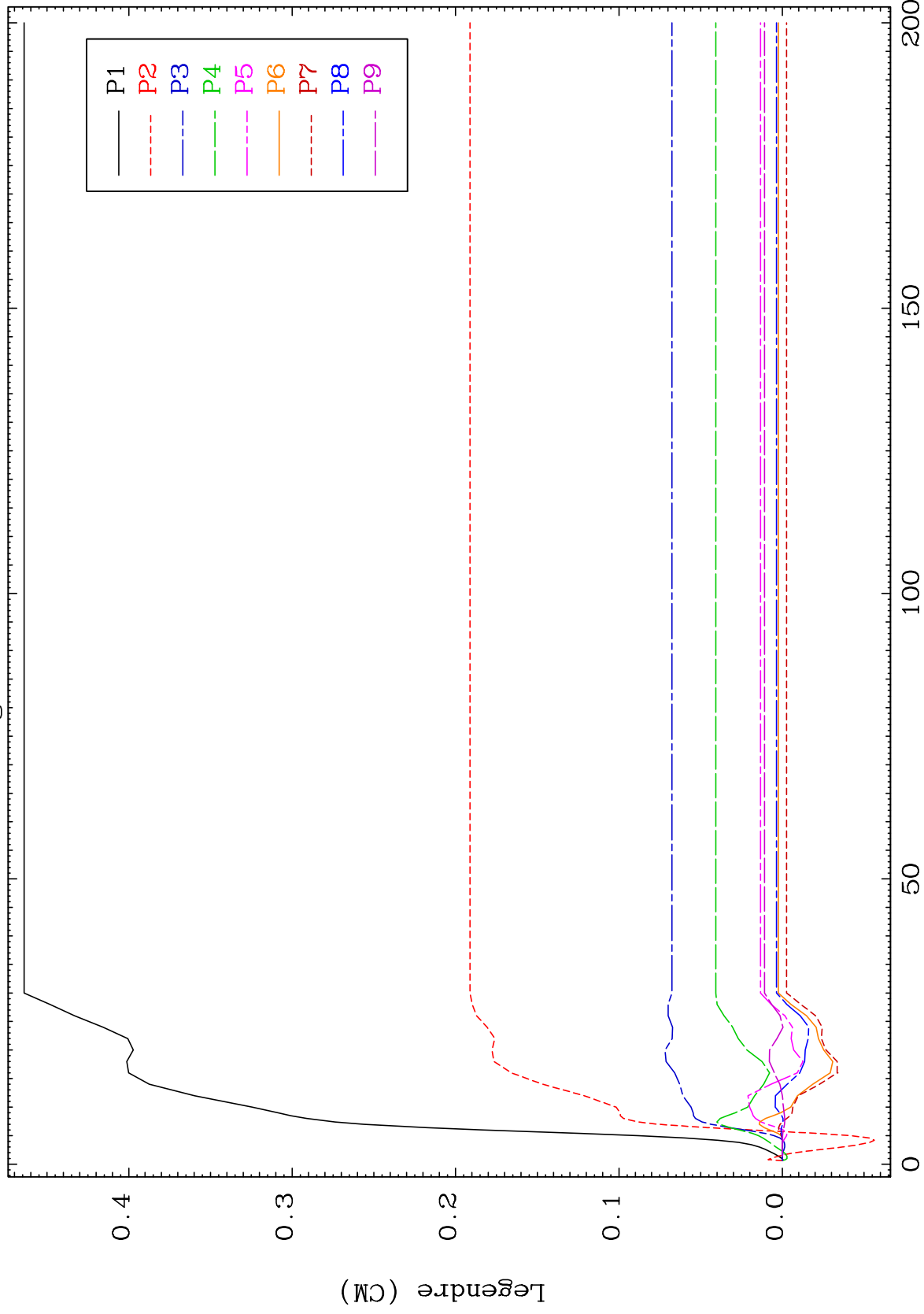
Incident Energy (MeV)

66

MAT 5616

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

56-Ba-127



67

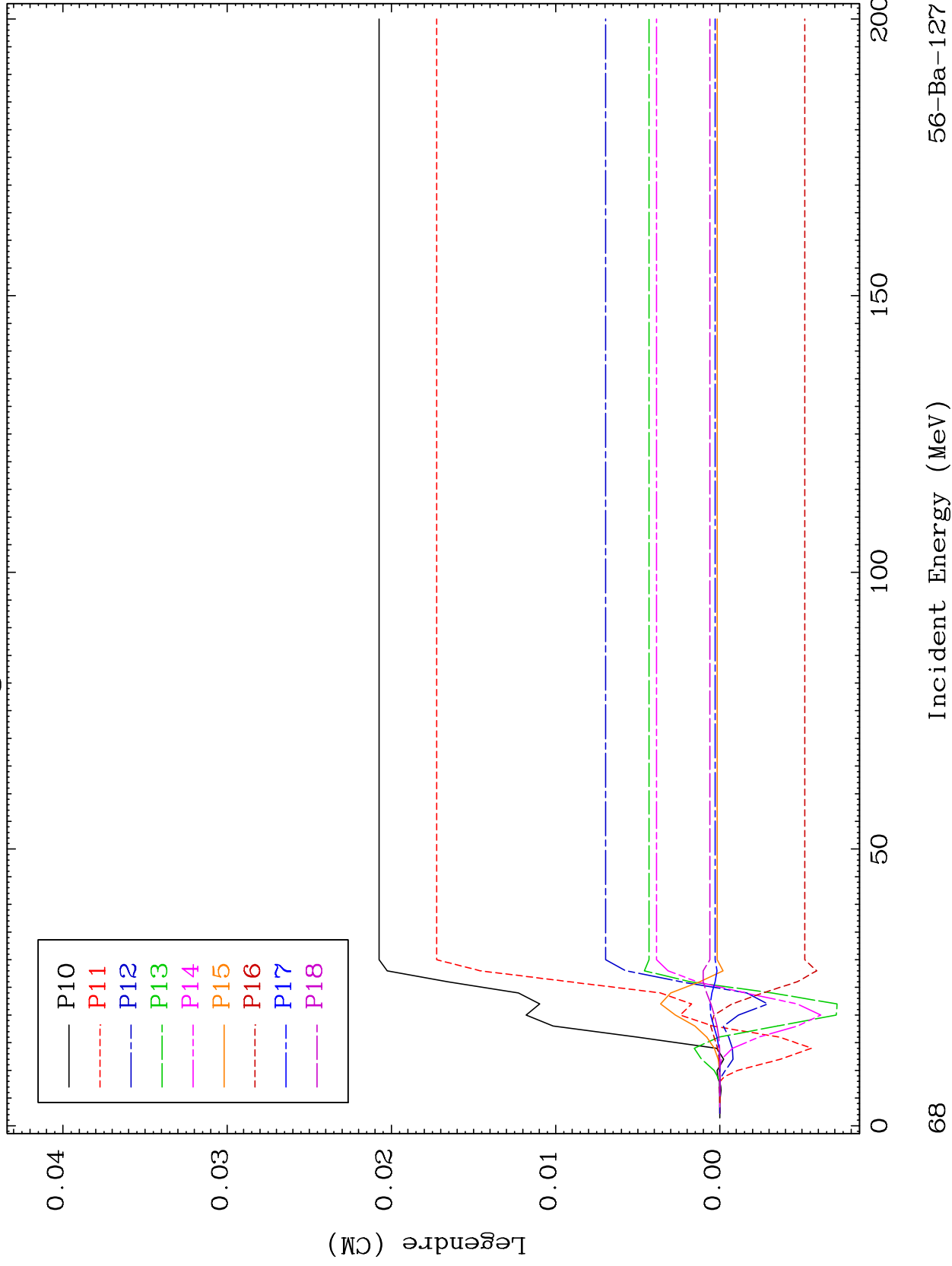
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

56-Ba-127



56-Ba-127

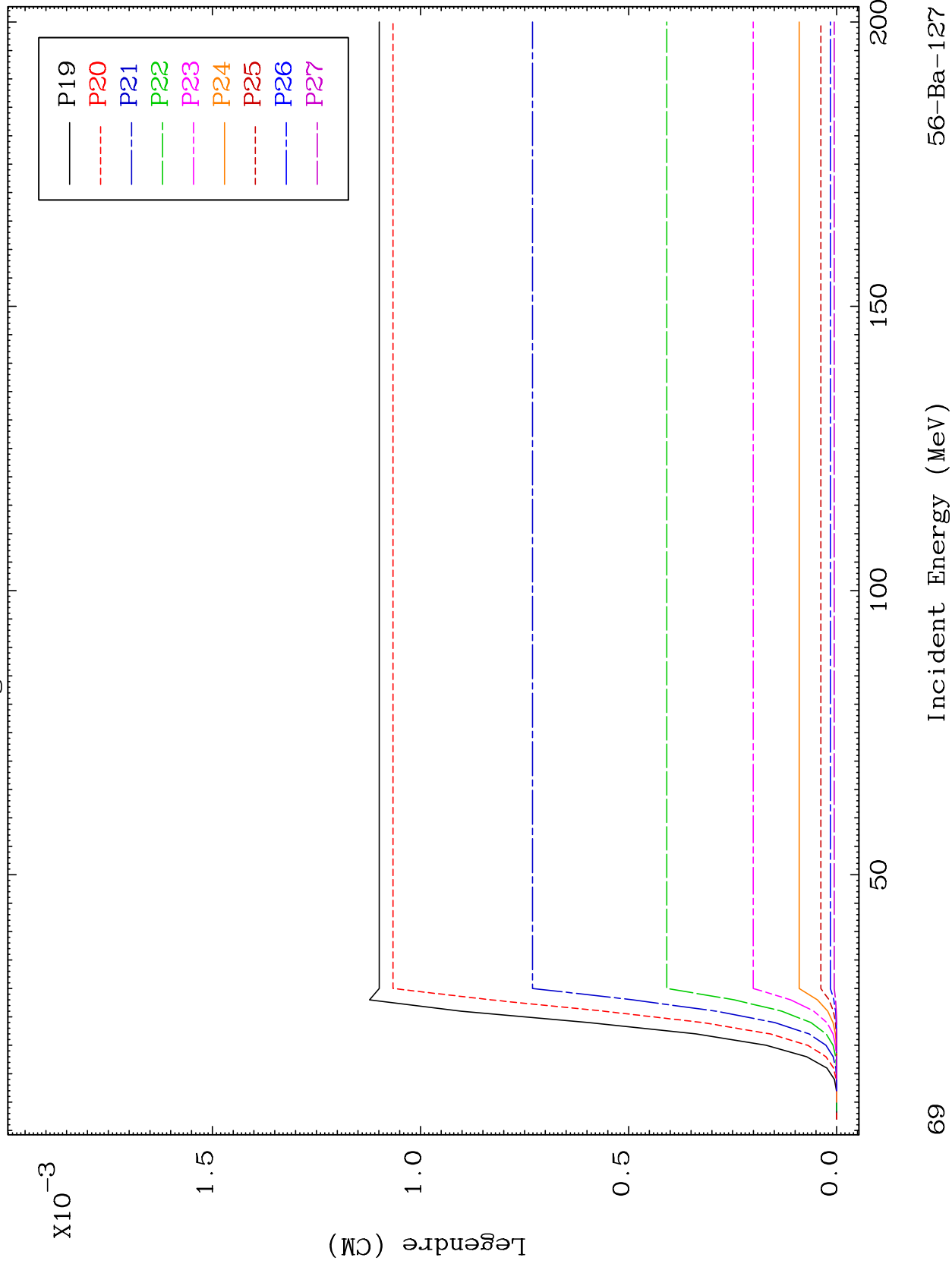
Incident Energy (MeV)

68

MAT 5616

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

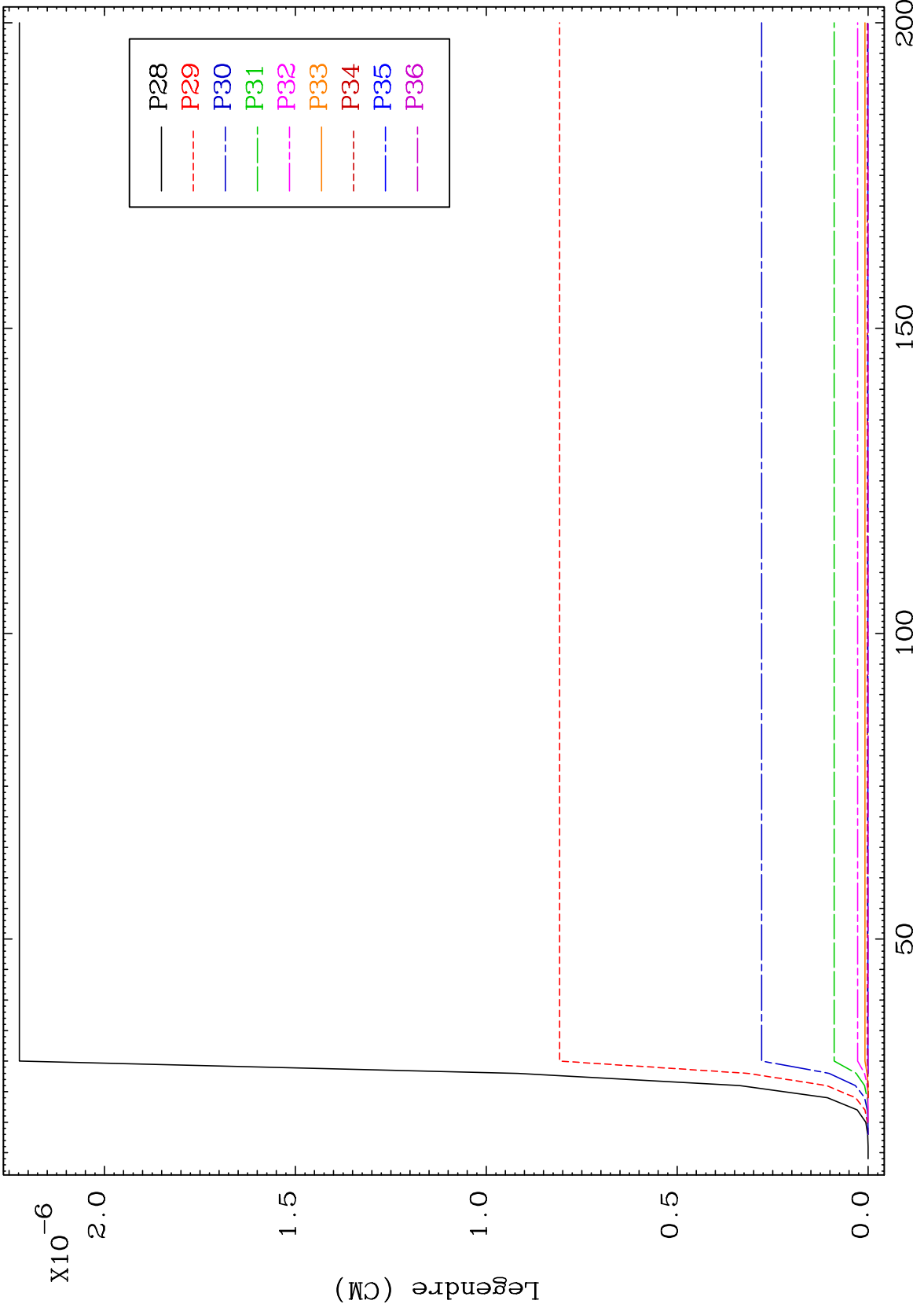
56-Ba-127



MAT 5616

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

56-Ba-127



70

Incident Energy (MeV)

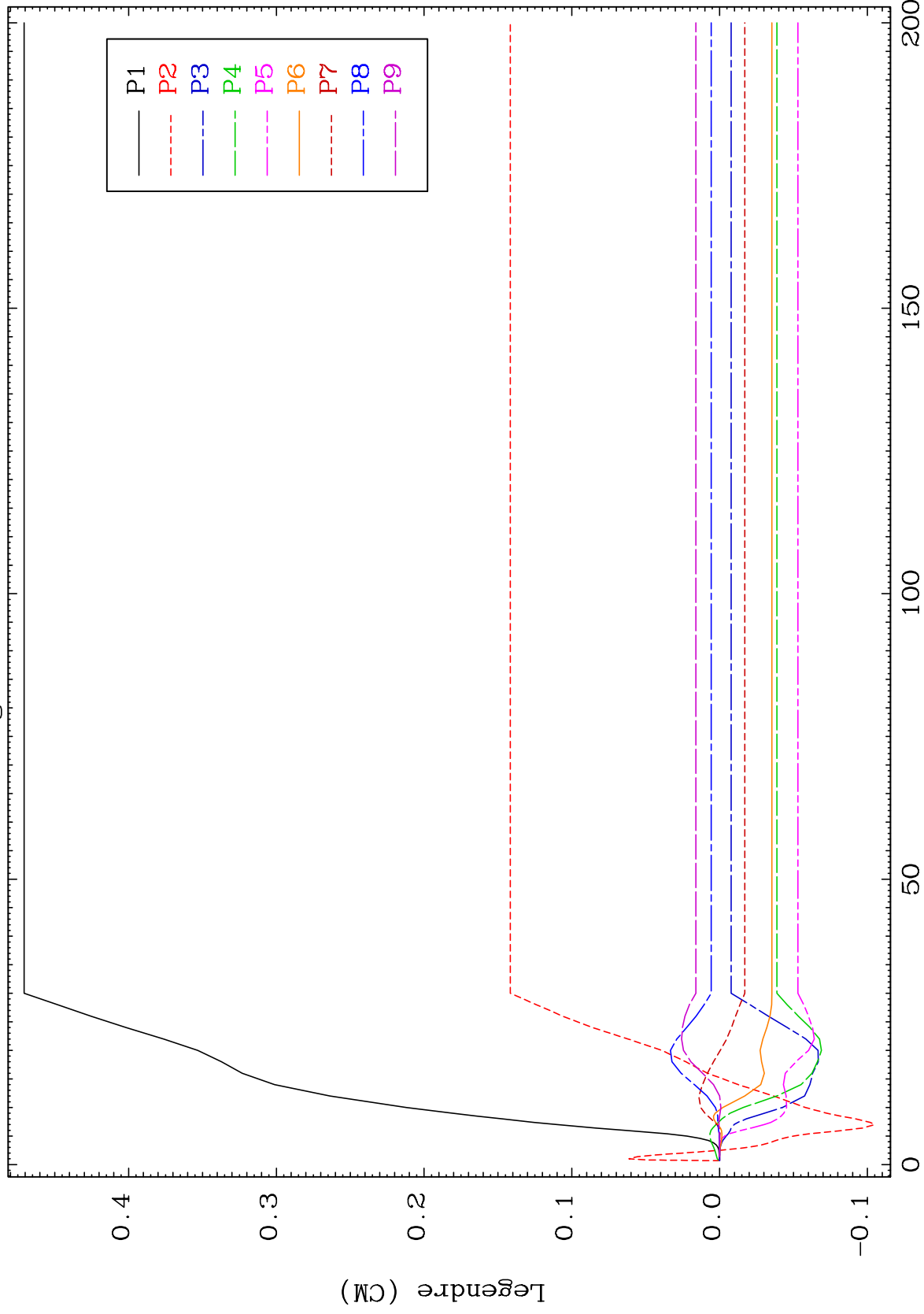
56-Ba-127

200

MAT 5616

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

56-Ba-127



71

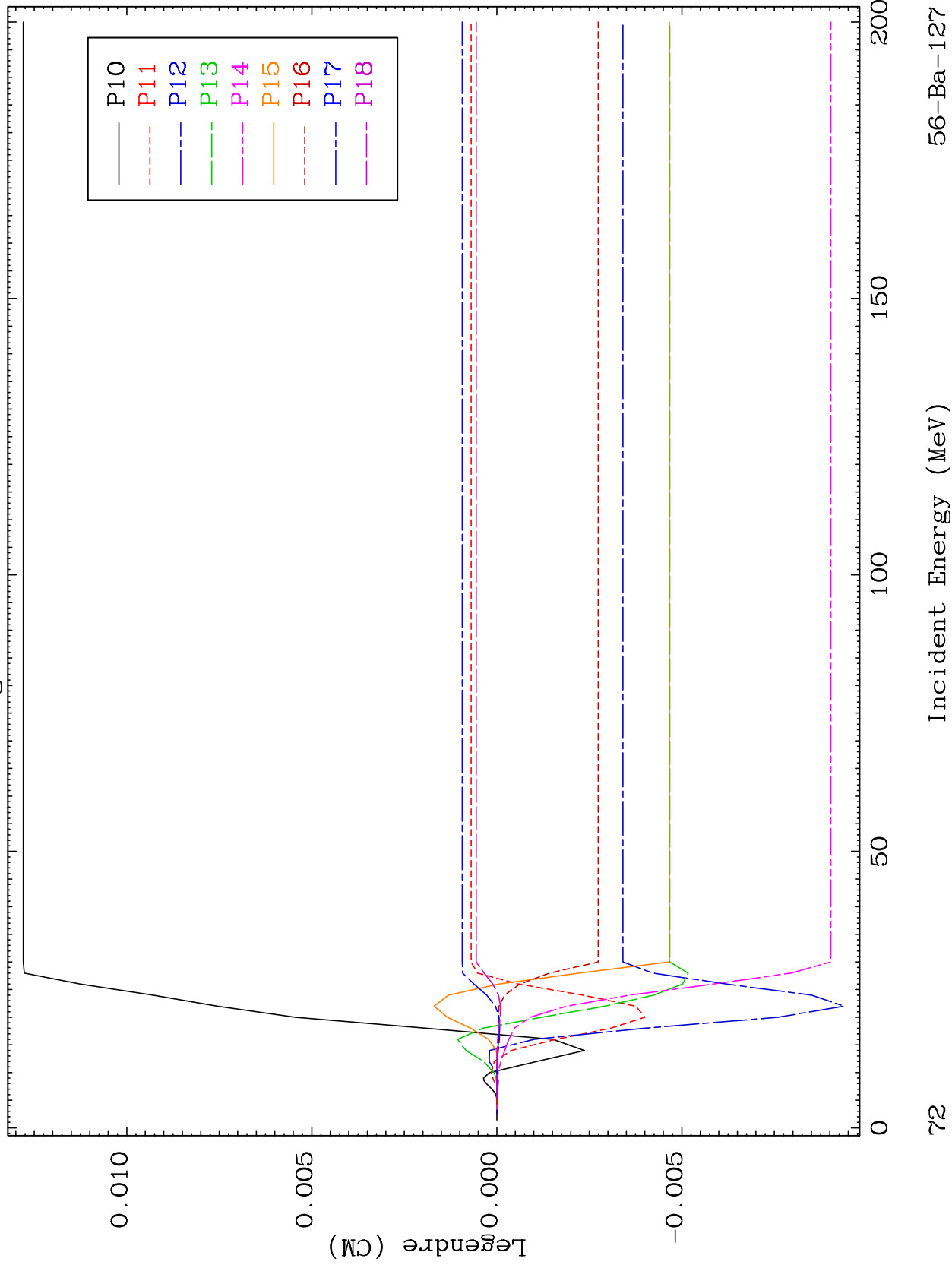
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

56-Ba-127



72

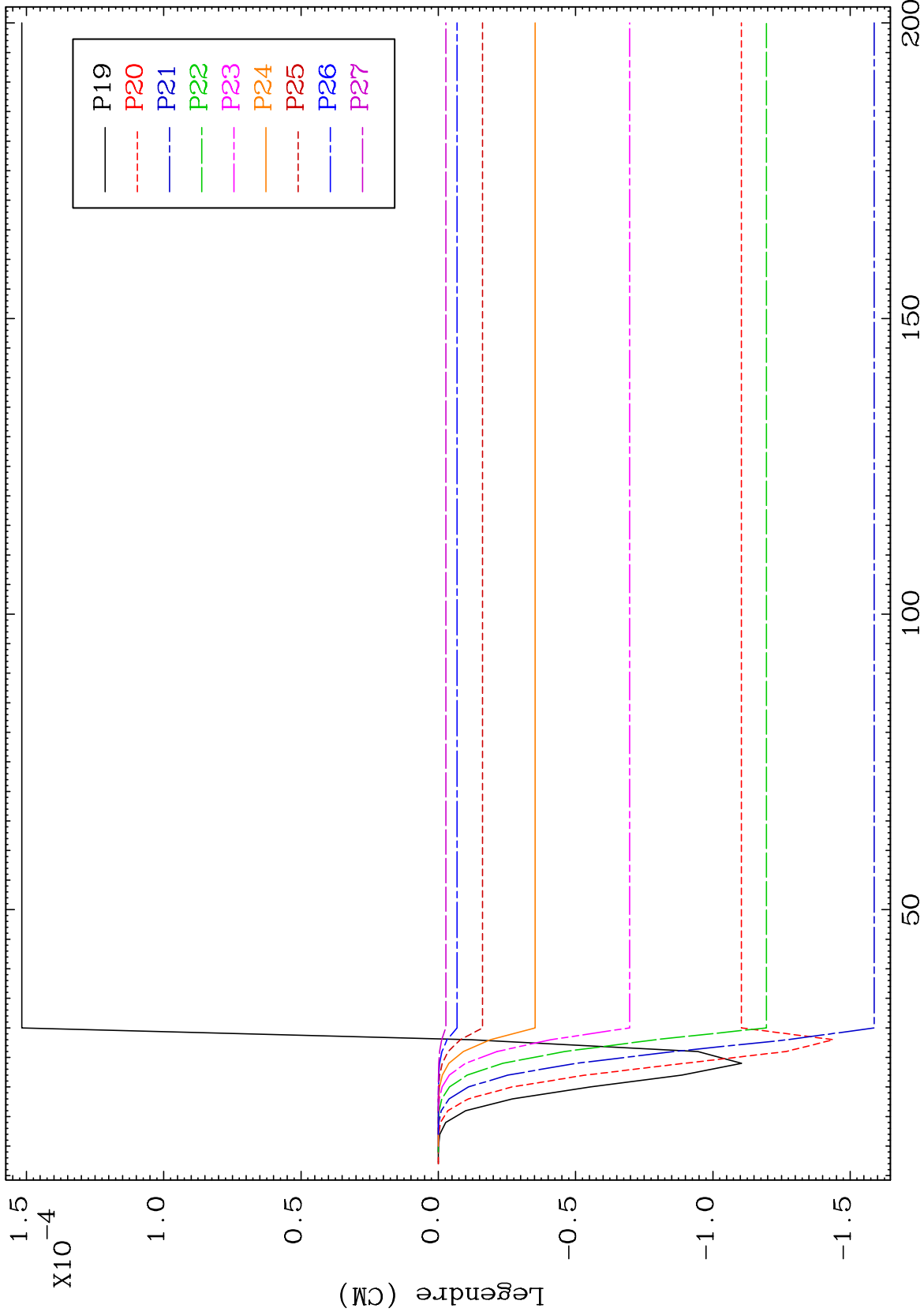
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

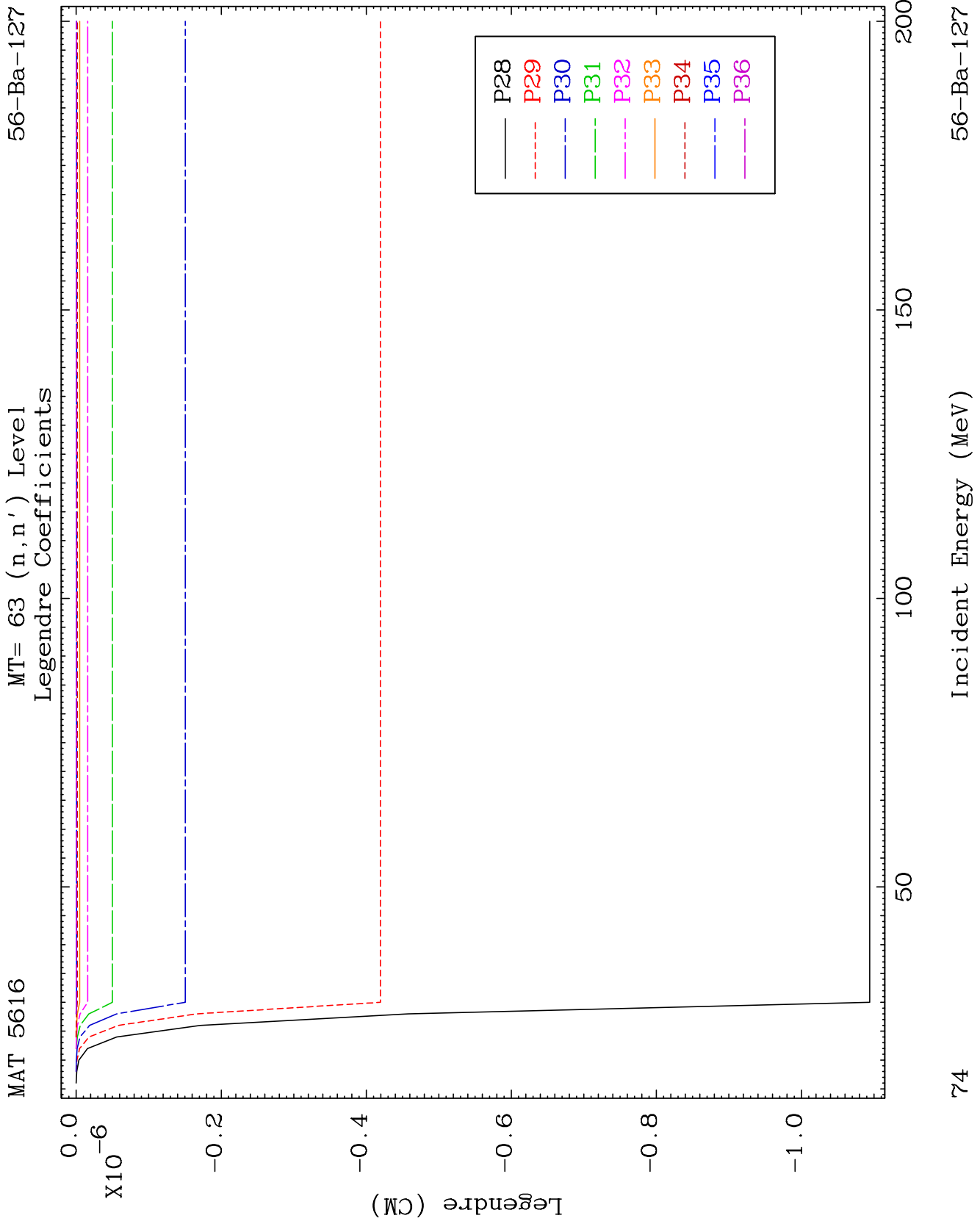
56-Ba-127



73

Incident Energy (MeV)

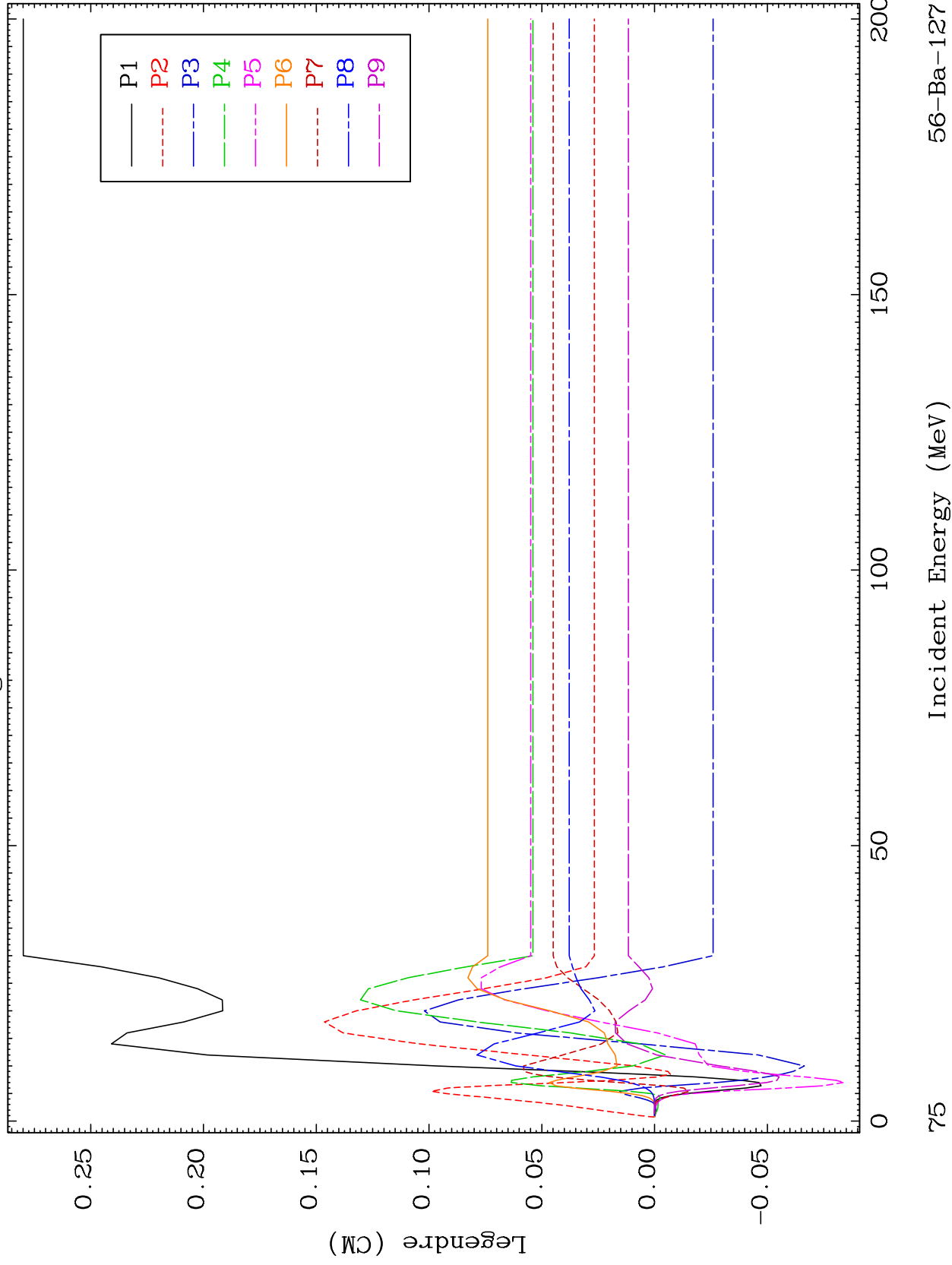
56-Ba-127



MAT 5616

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

56-Ba-127



56-Ba-127

Incident Energy (MeV)

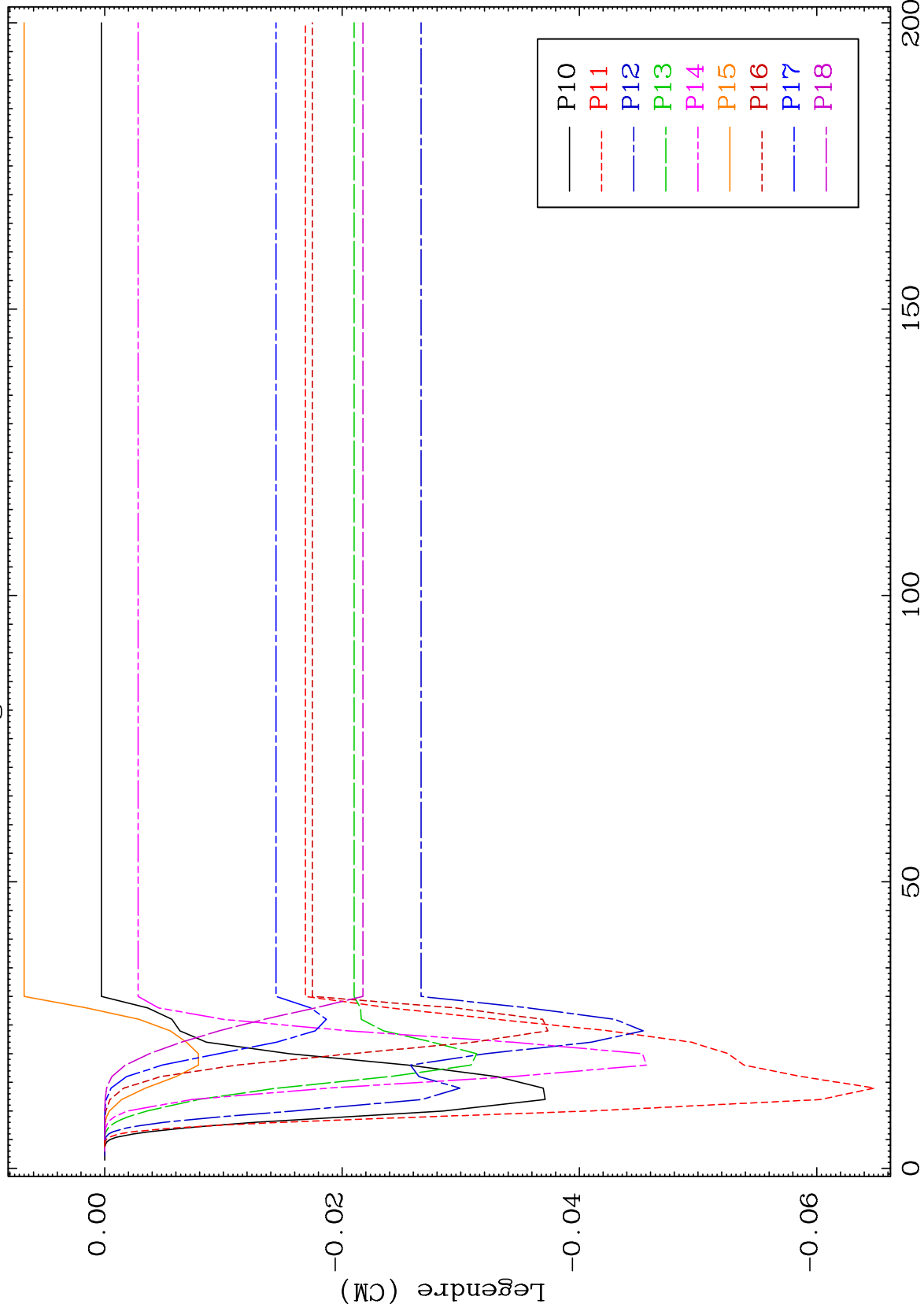
75

MAT 5616

MT= 64 (n,n') Level

56-Ba-127

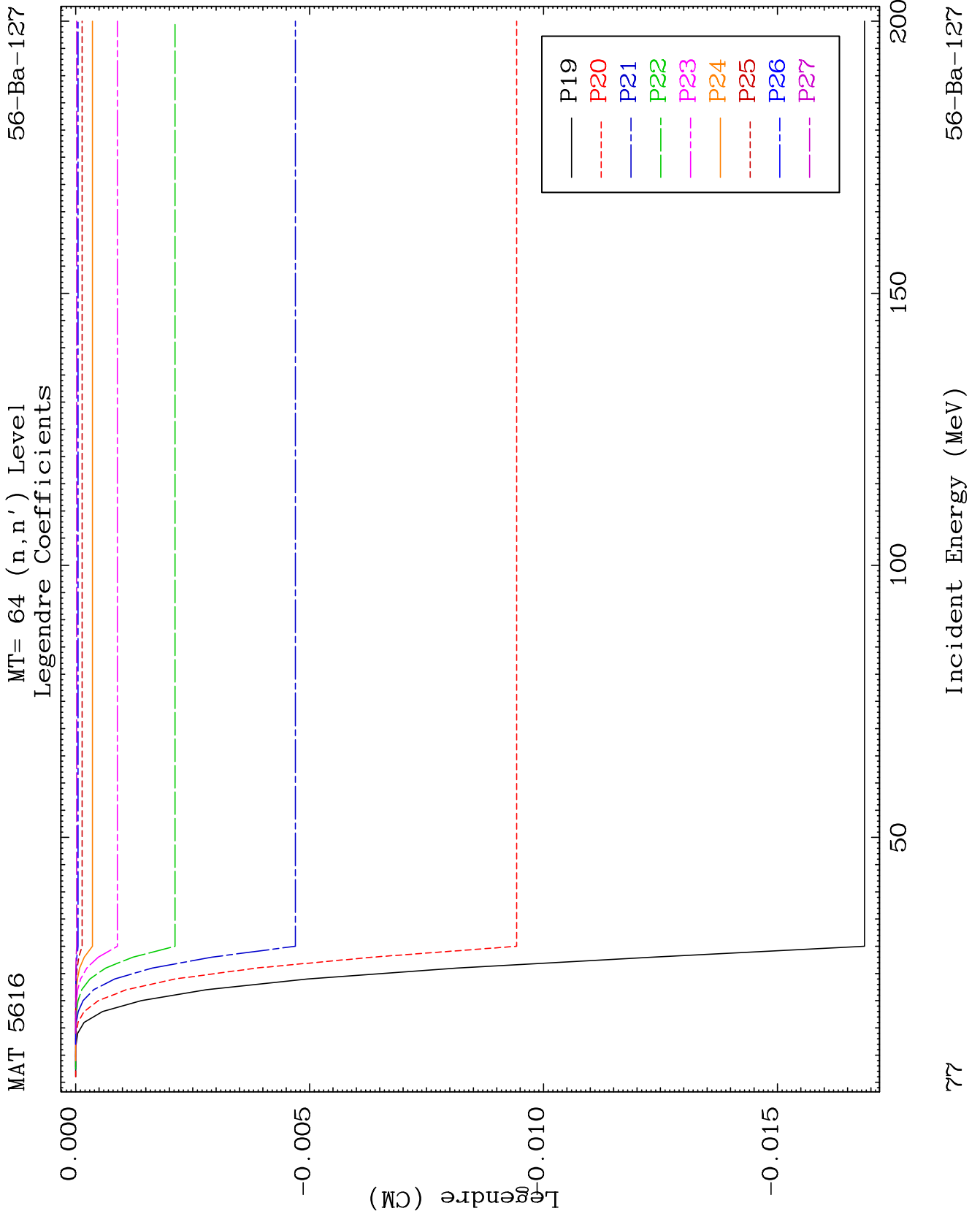
Legendre Coefficients

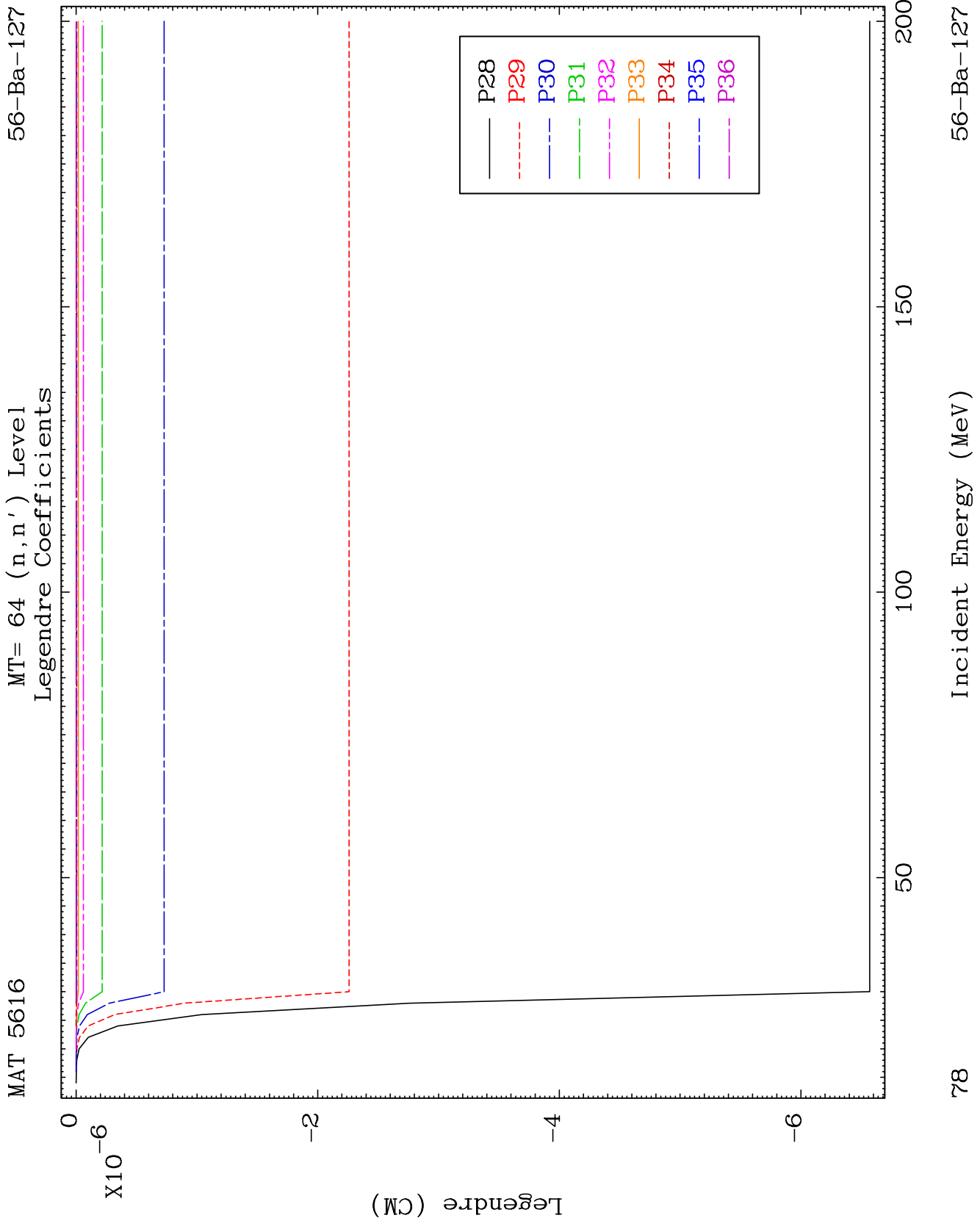


76

Incident Energy (MeV)

56-Ba-127

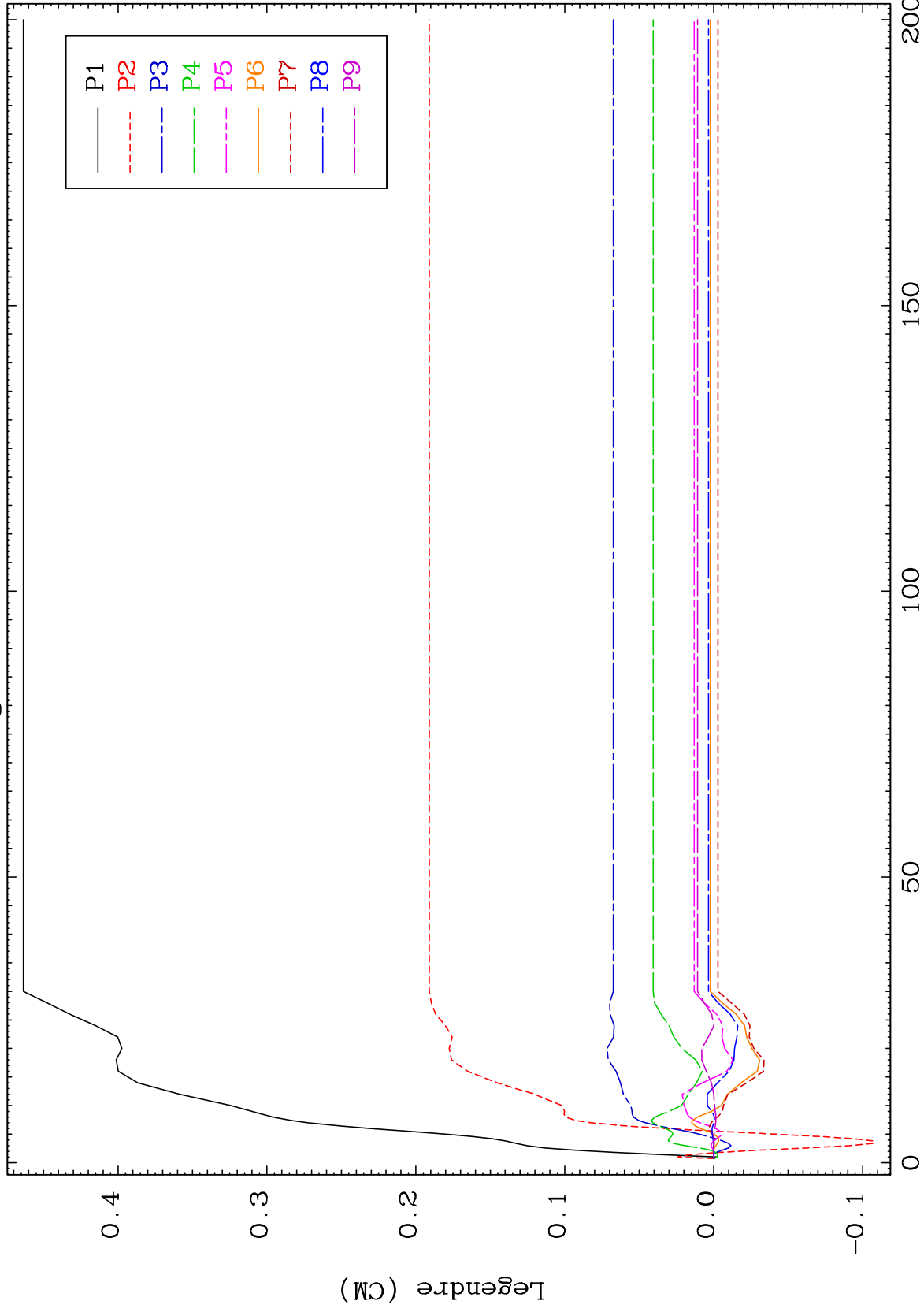




MAT 5616

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

56-Ba-127



79

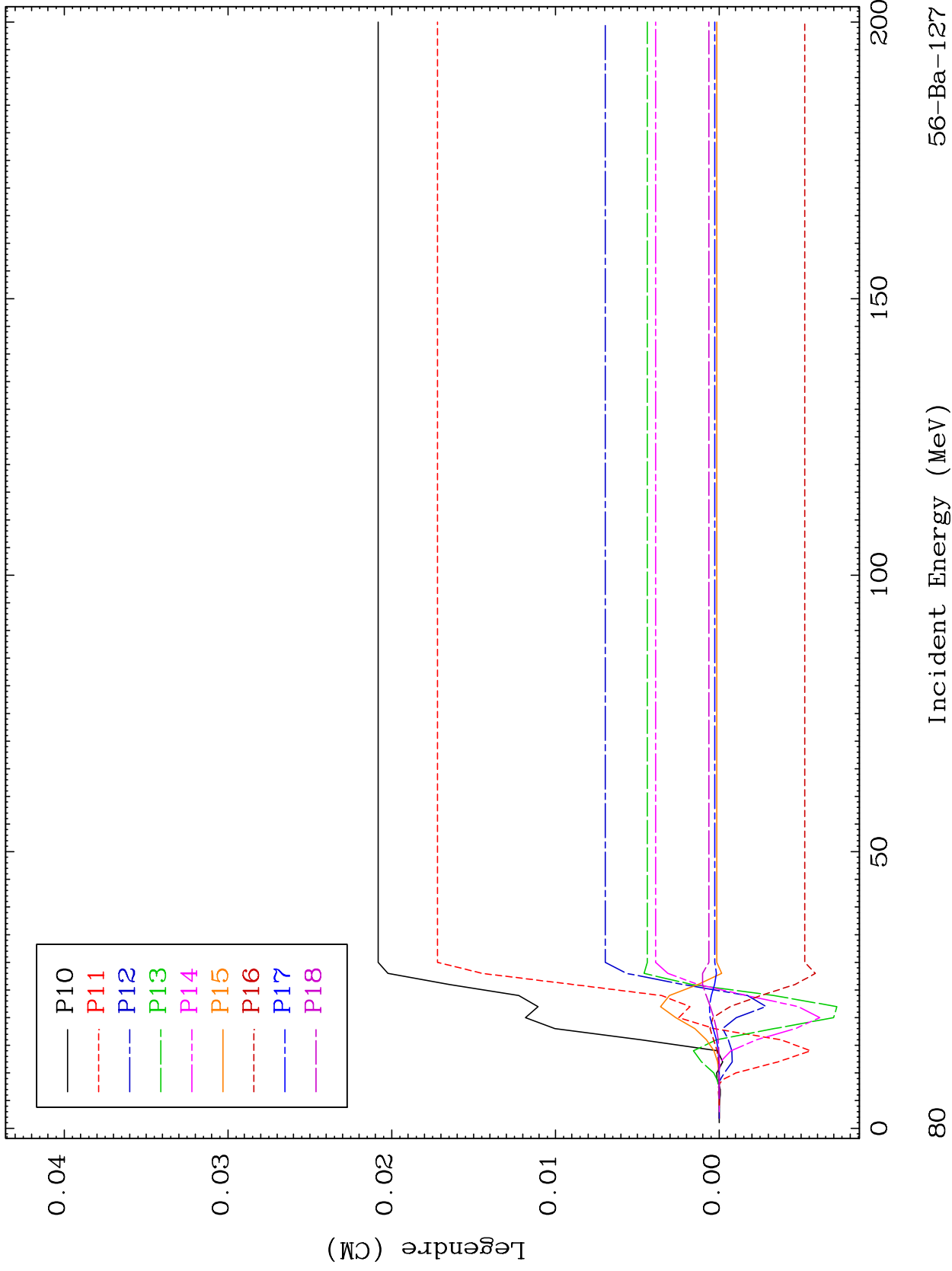
Incident Energy (MeV)

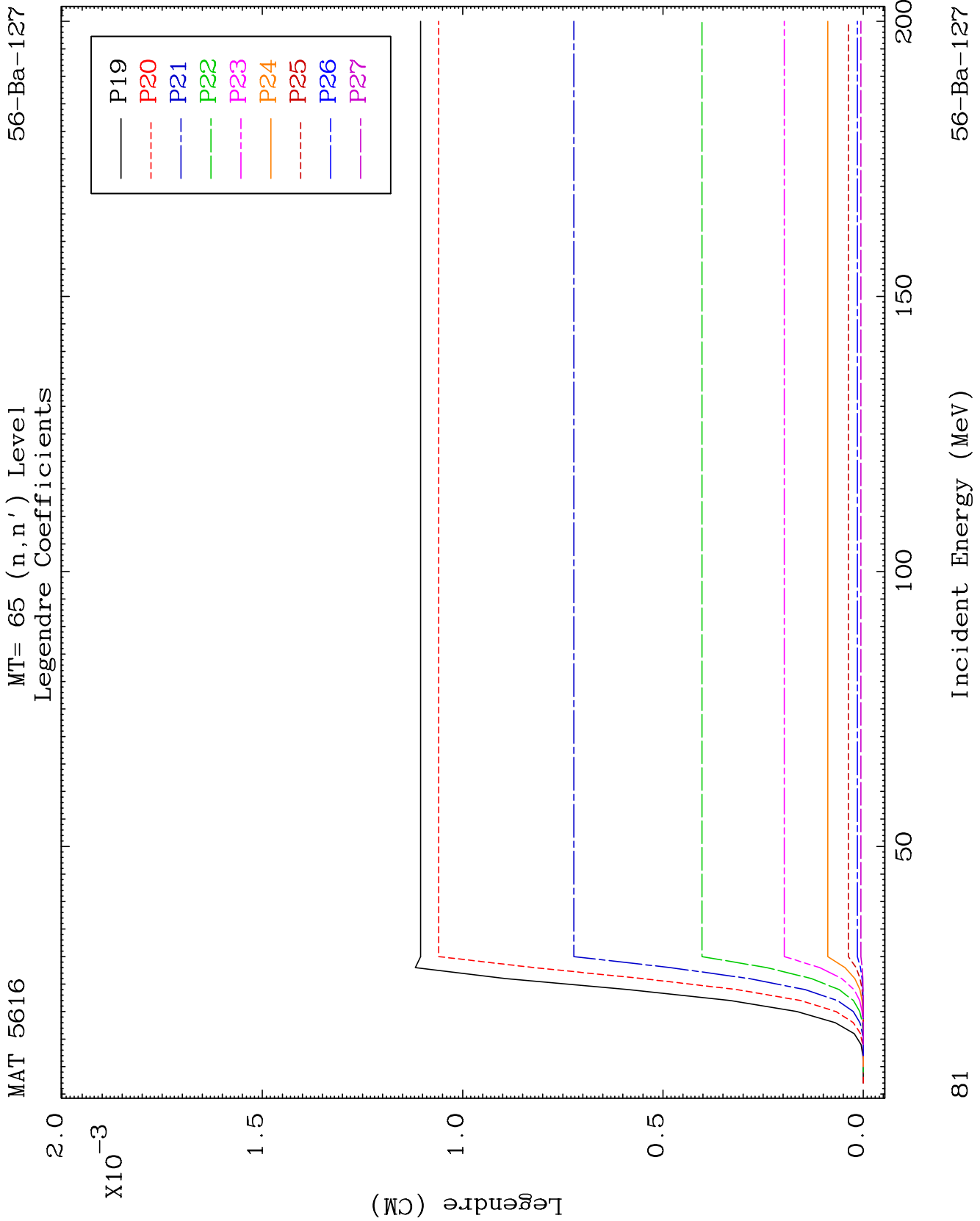
56-Ba-127

MAT 5616

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

56-Ba-127

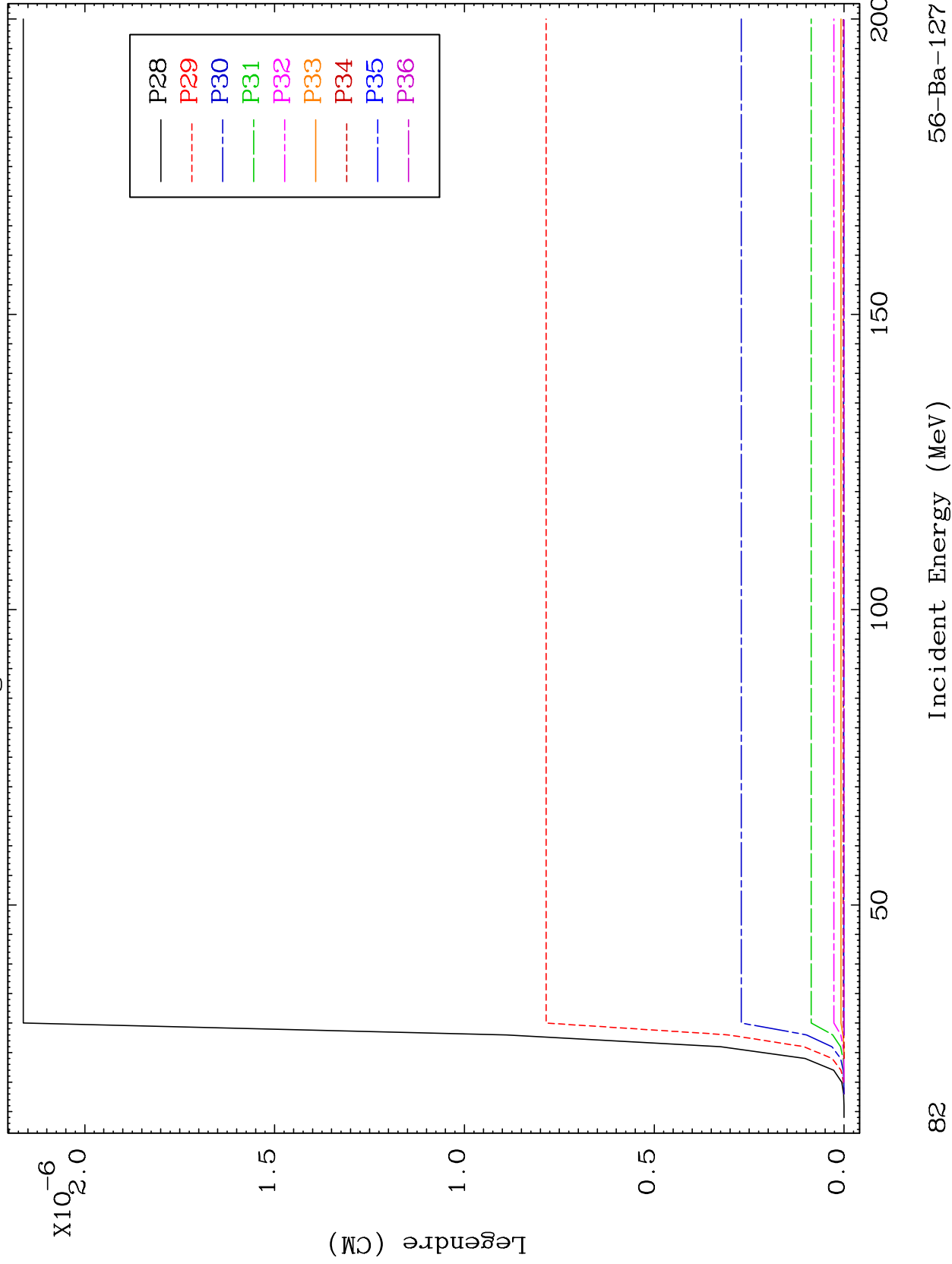




MAT 5616

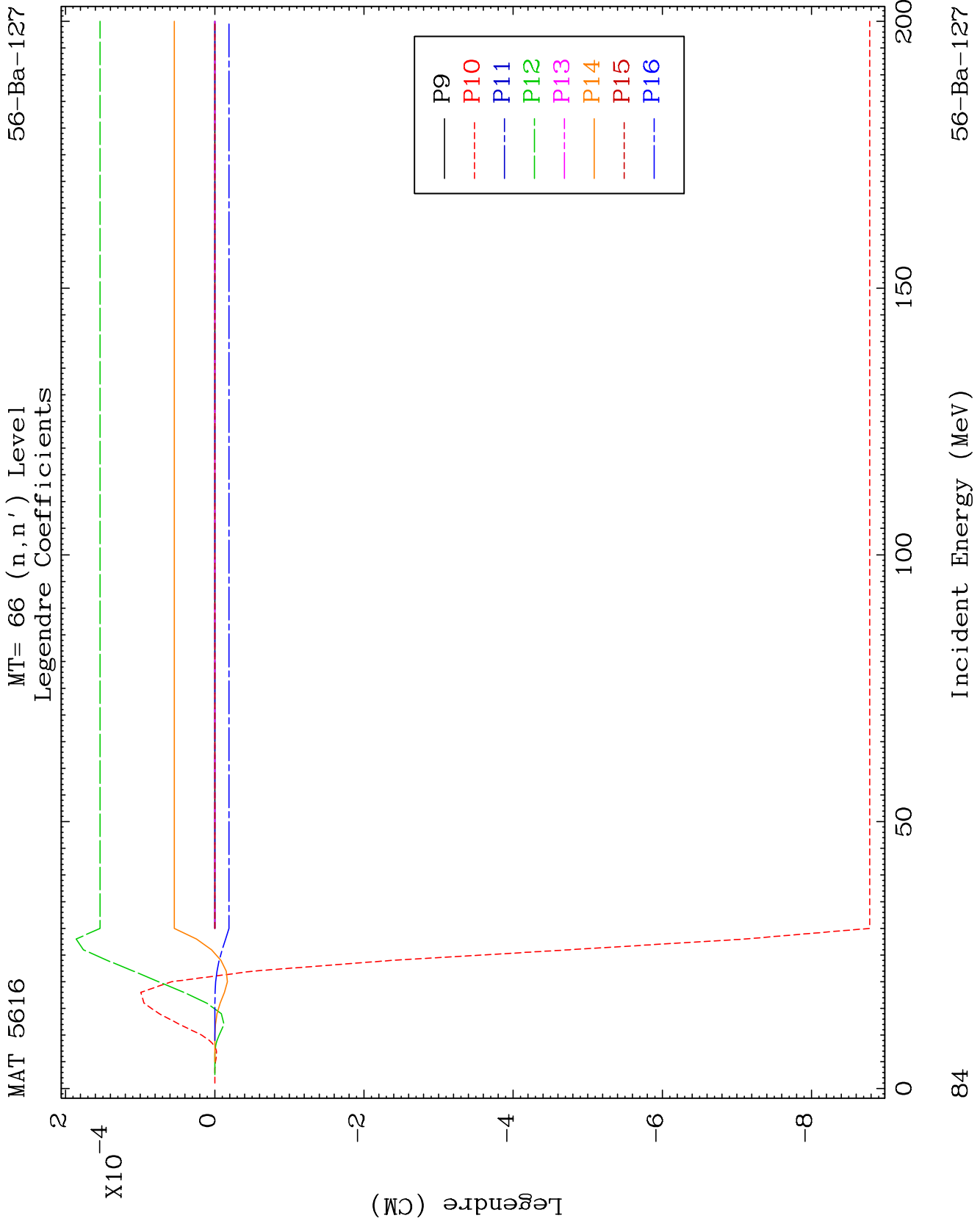
MT= 65 (n,n') Level
Legendre Coefficients

56-Ba-127



82

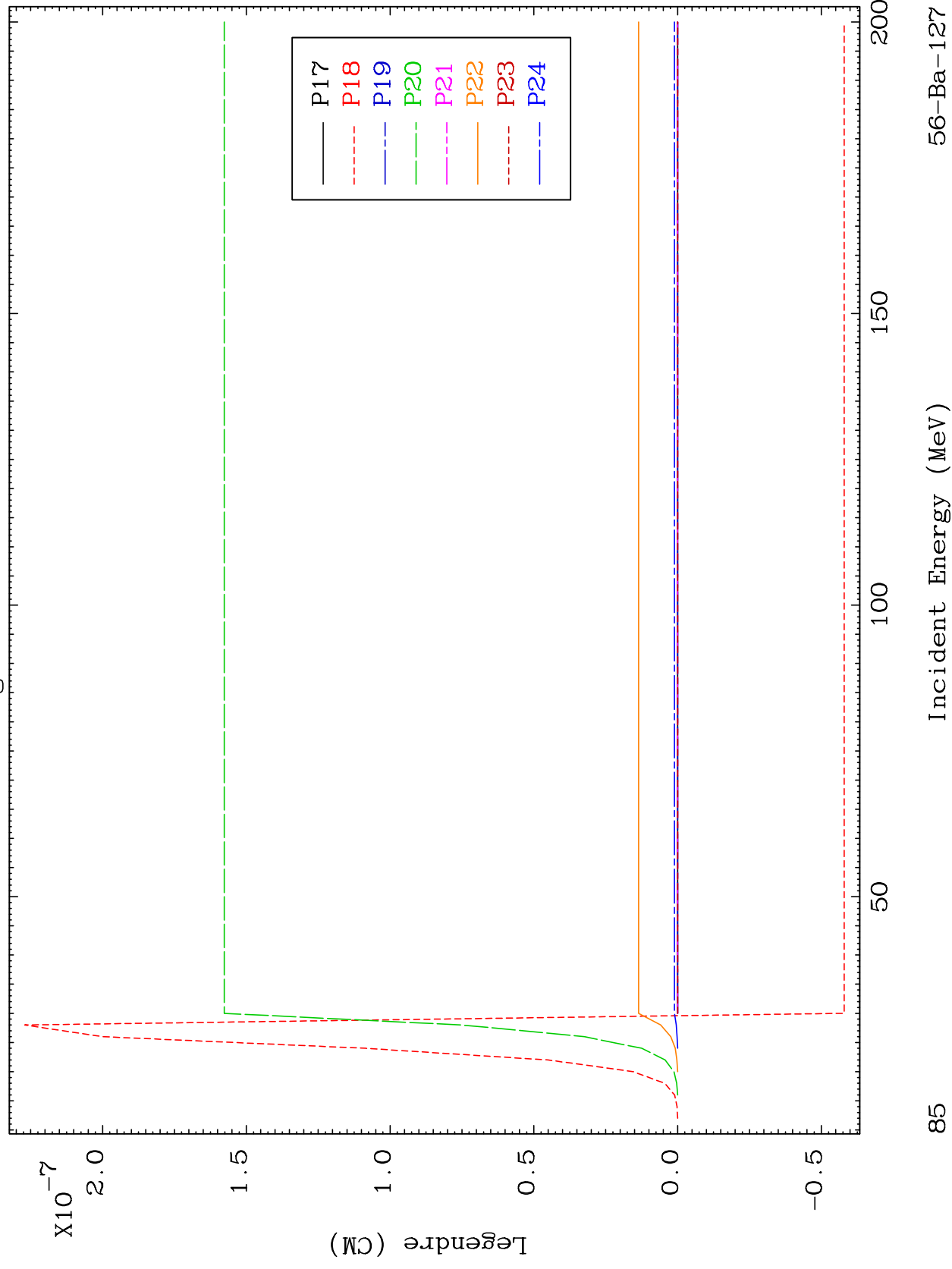
56-Ba-127



MAT 5616

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

56-Ba-127



85

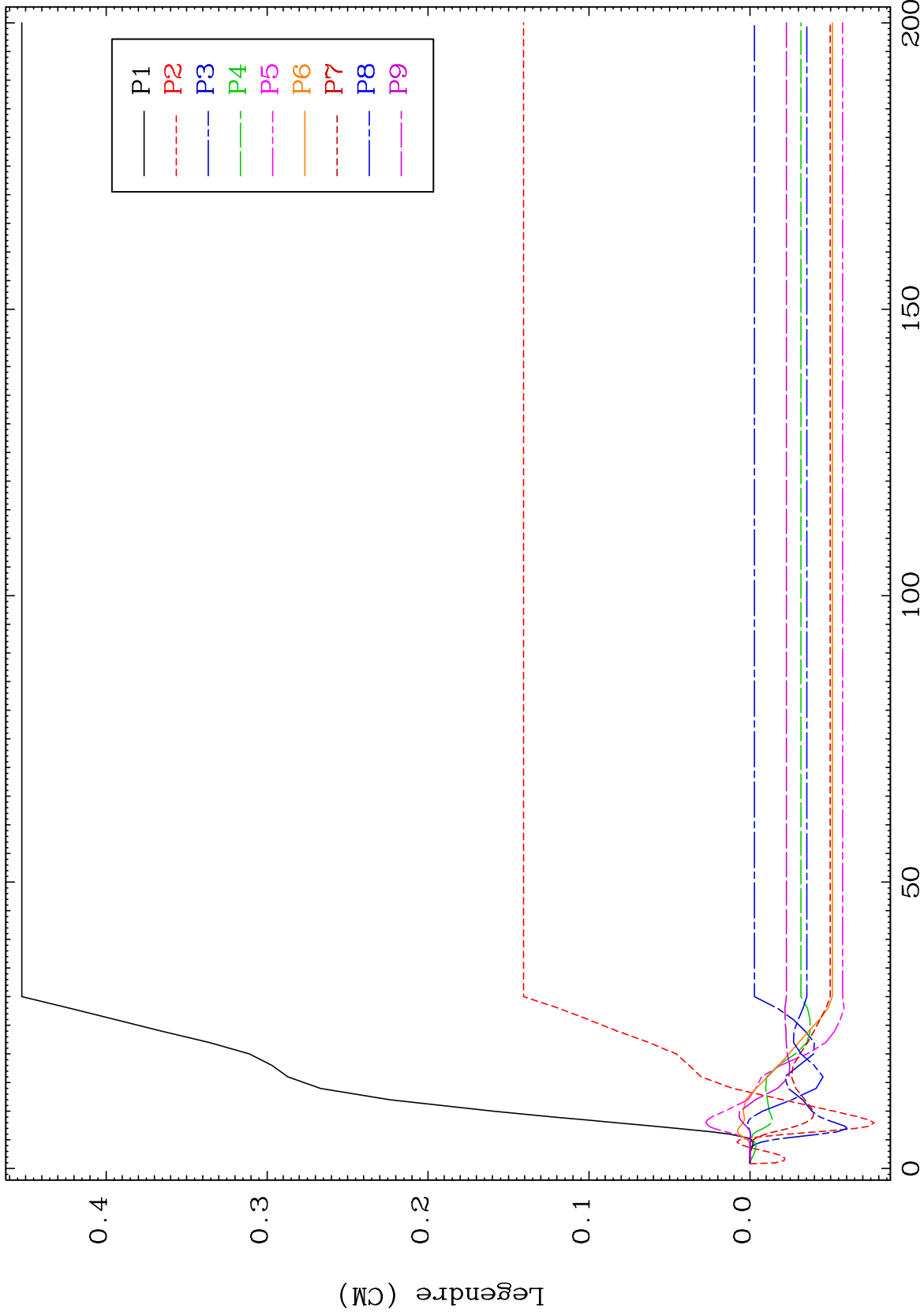
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

56-Ba-127



86

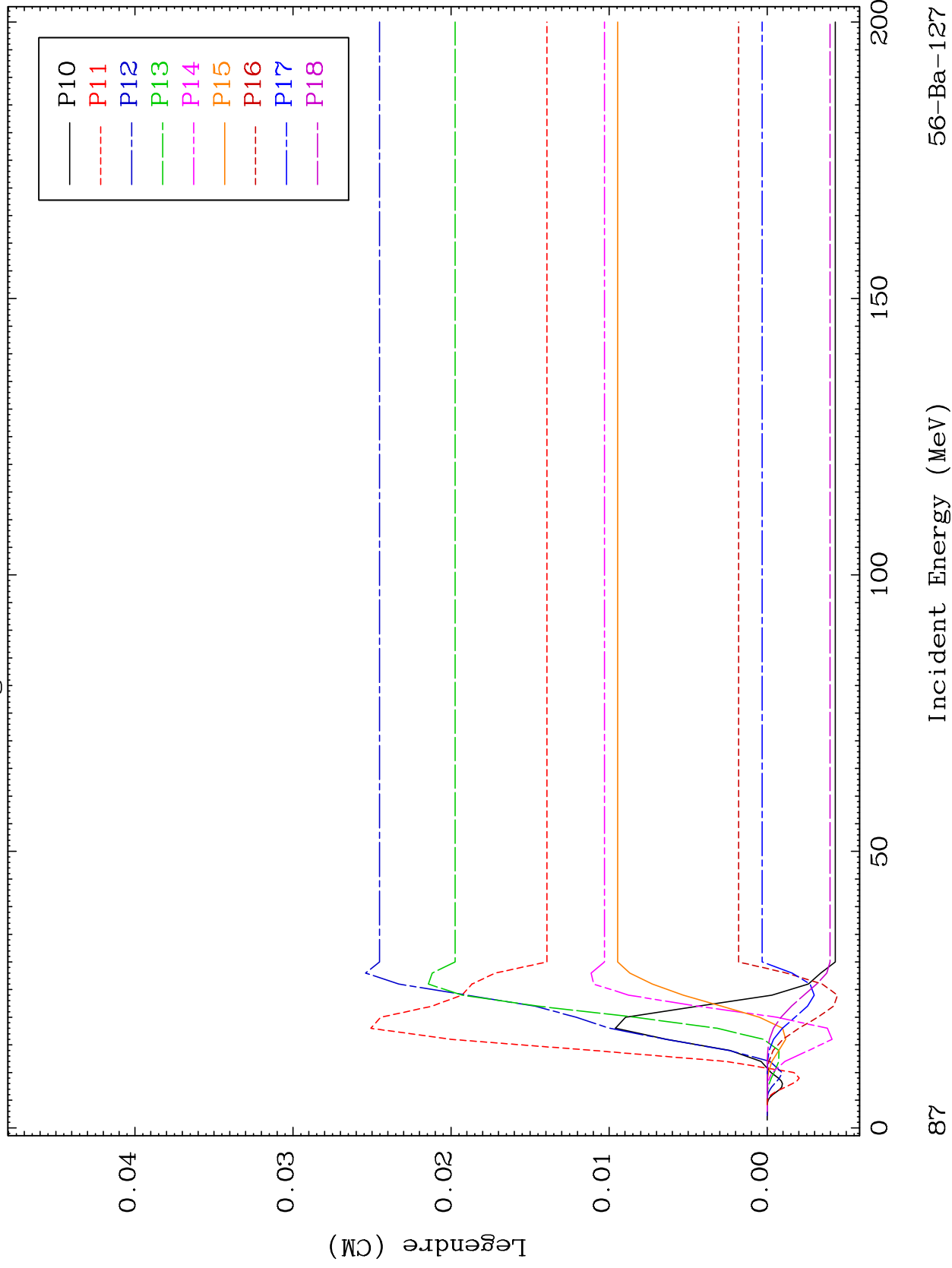
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

56-Ba-127



56-Ba-127

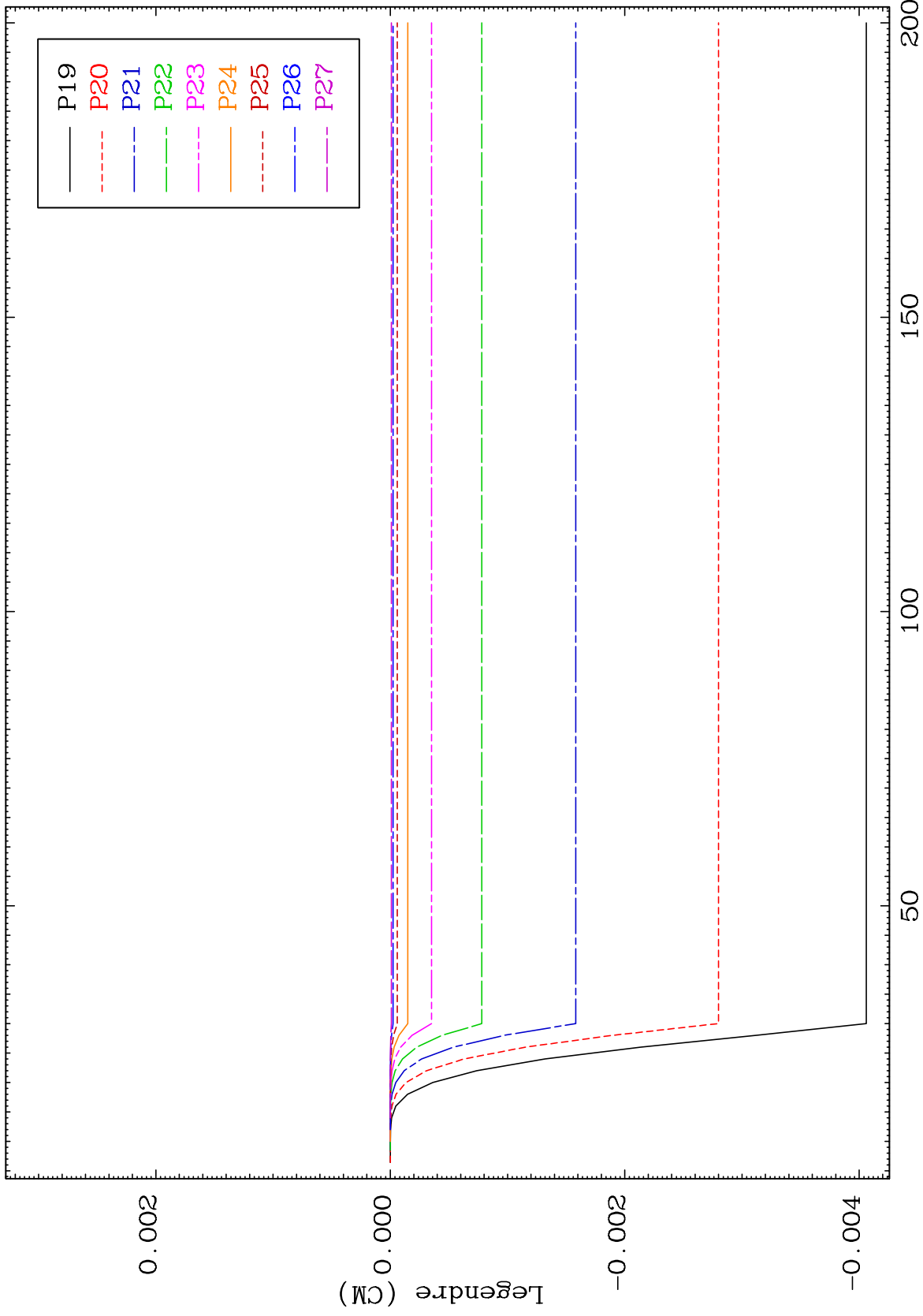
Incident Energy (MeV)

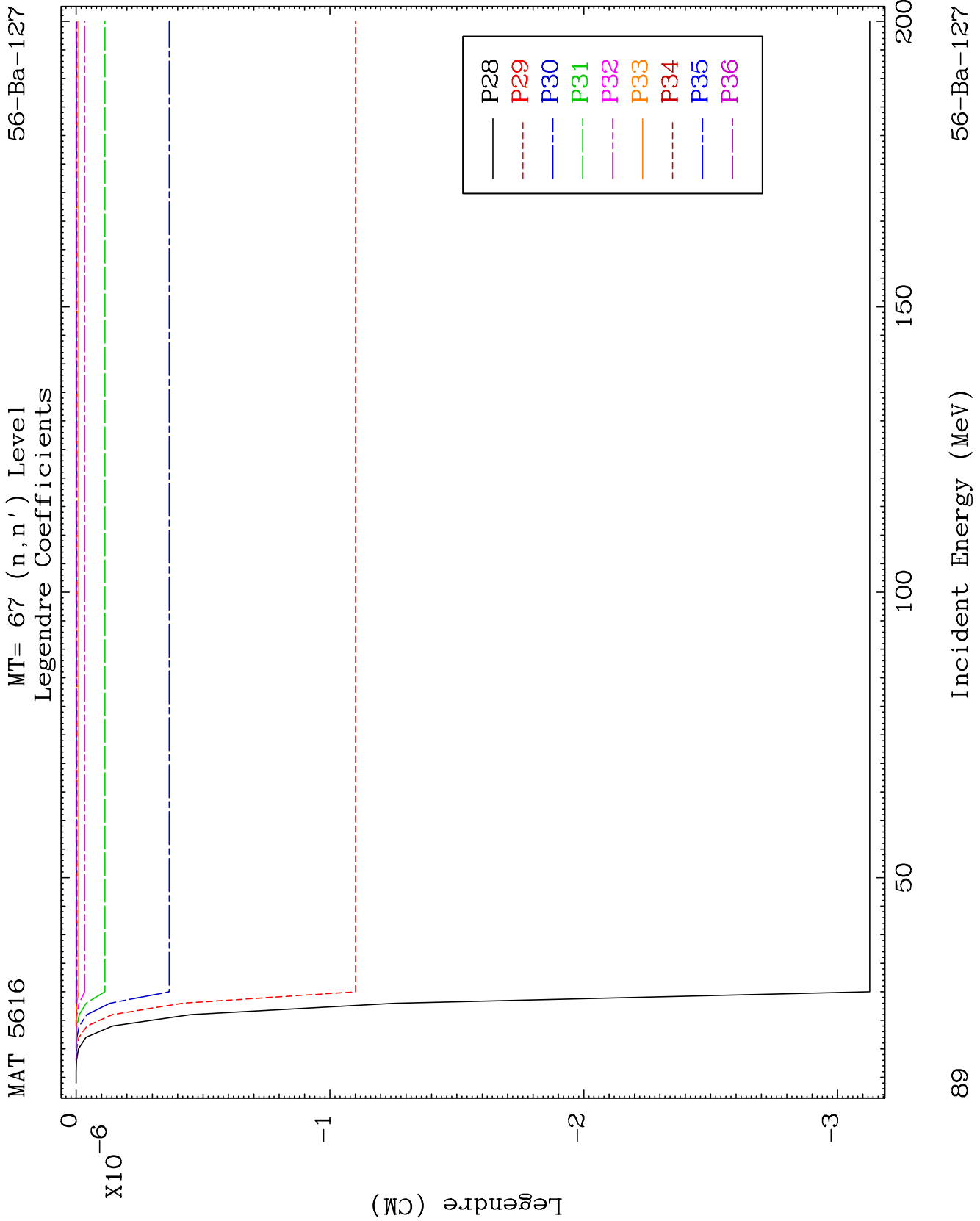
87

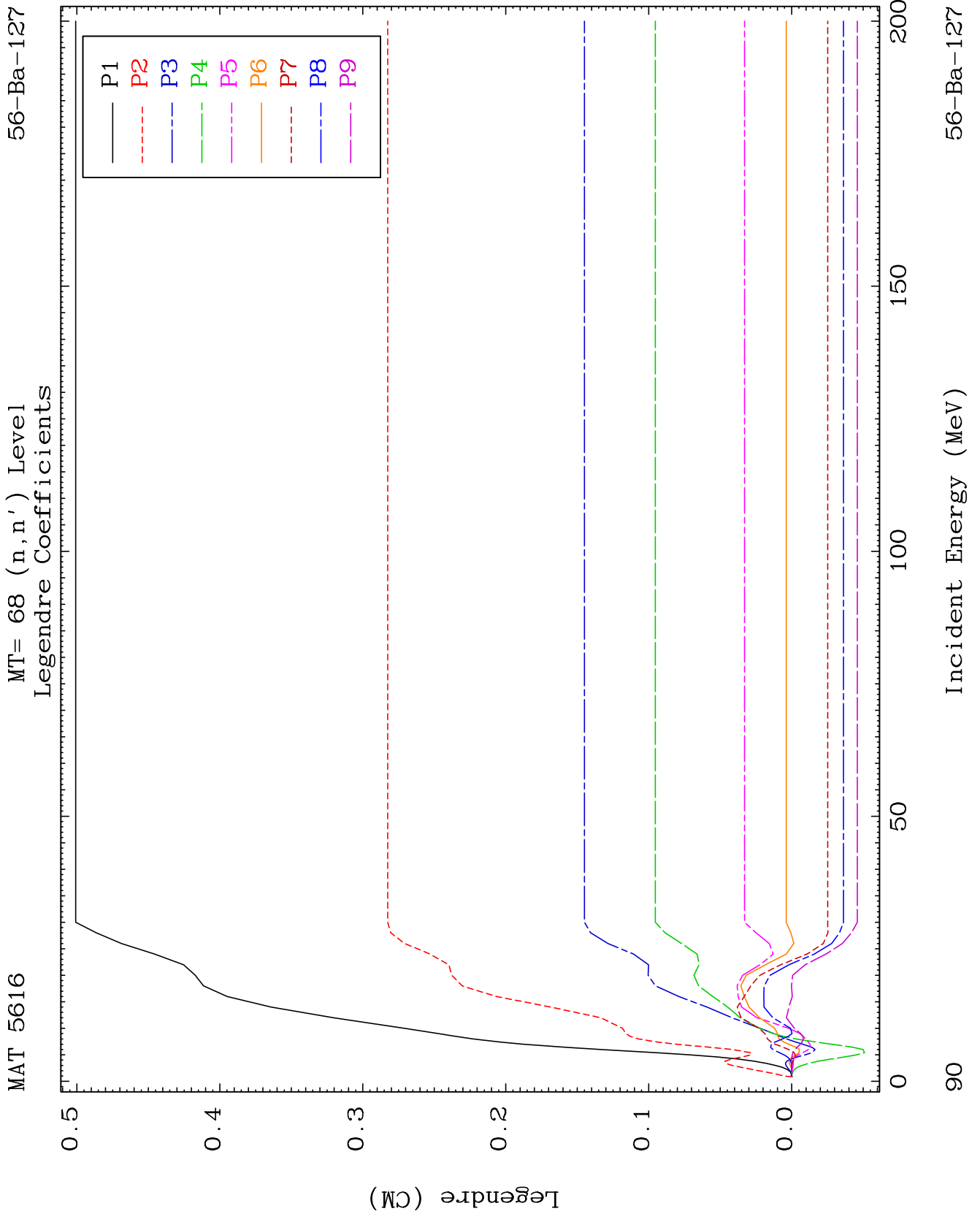
MAT 5616

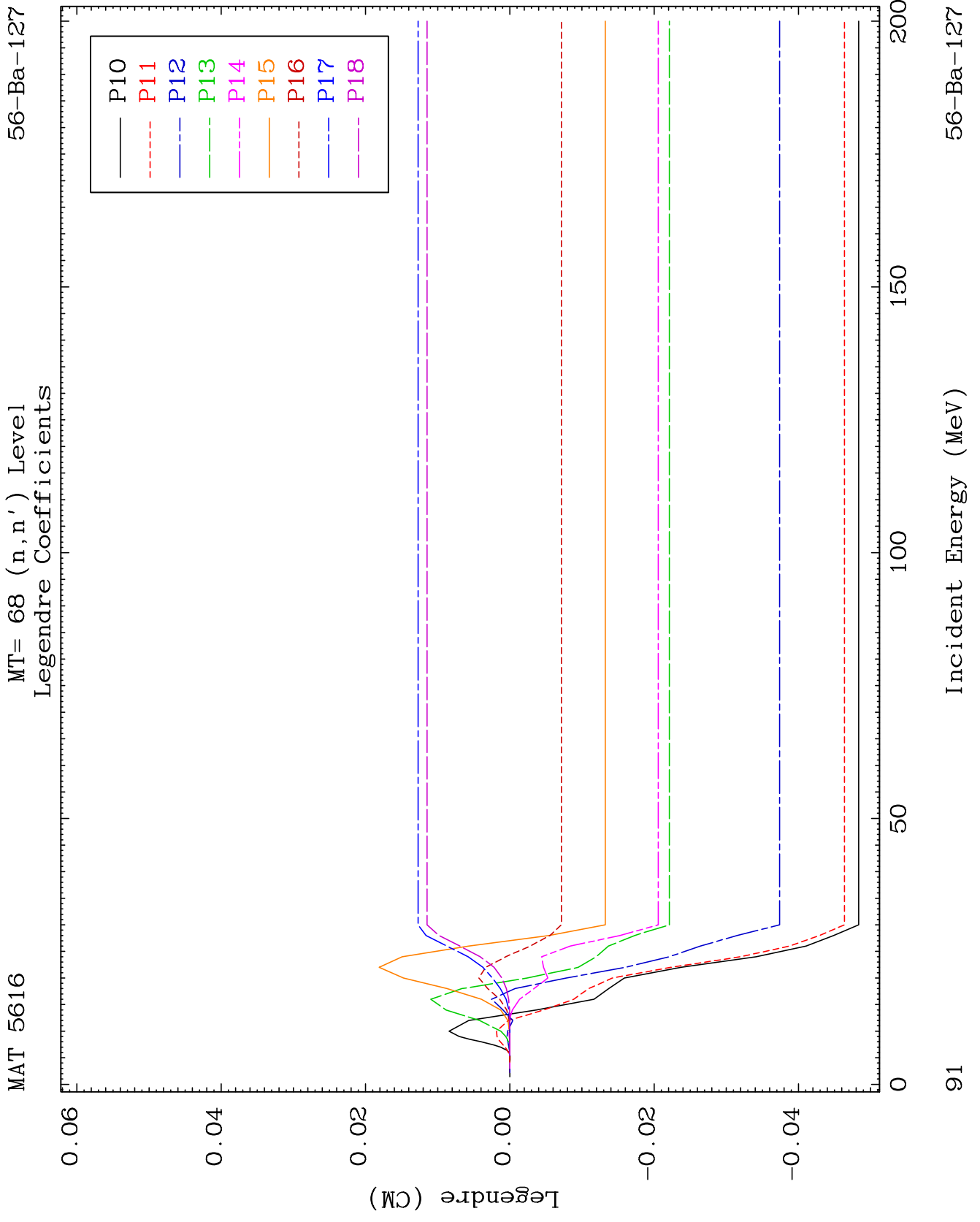
MT= 67 (n,n') Level
Legendre Coefficients

56-Ba-127







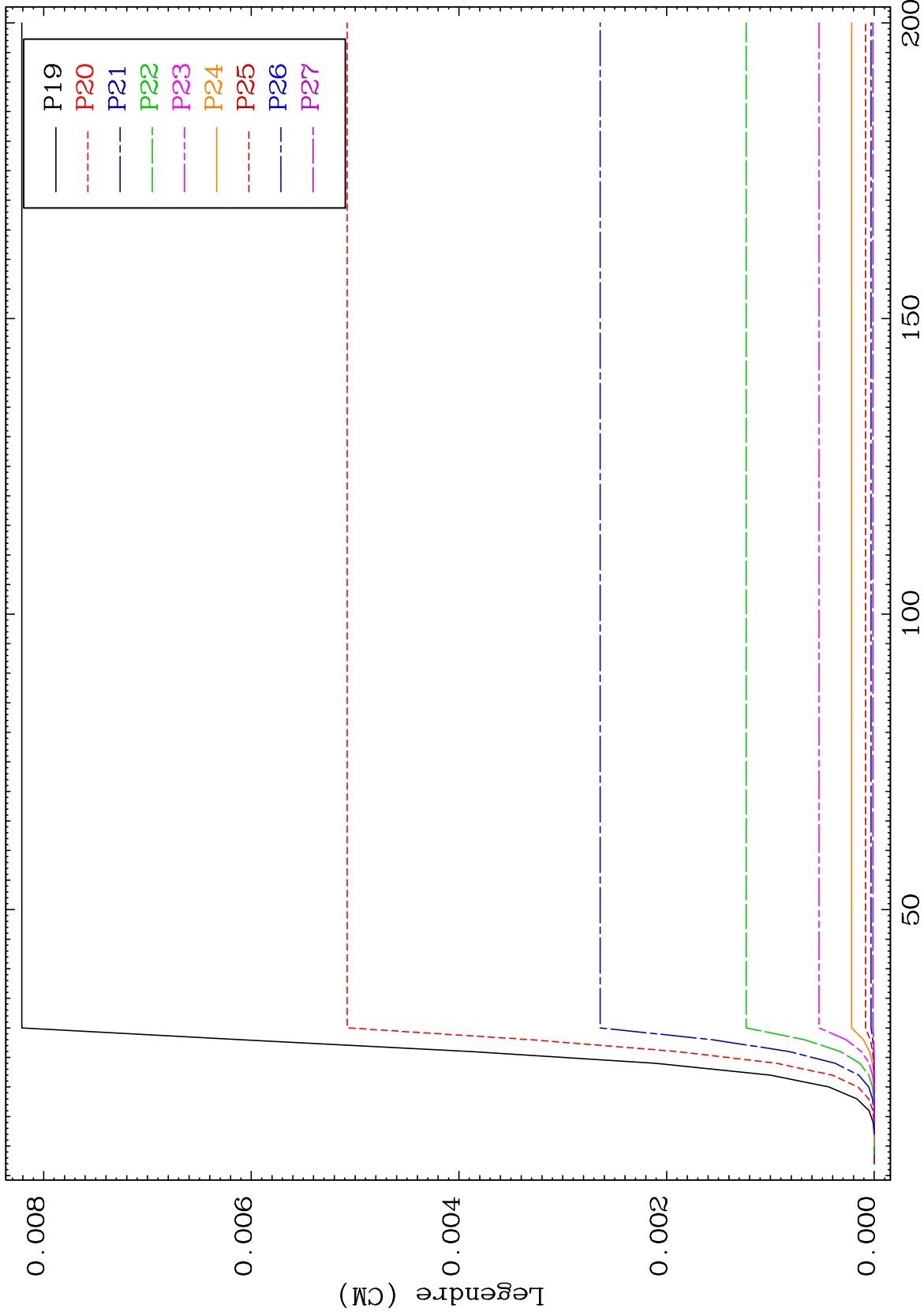


MAT 5616

MT= 68 (n,n') Level

56-Ba-127

Legendre Coefficients



92

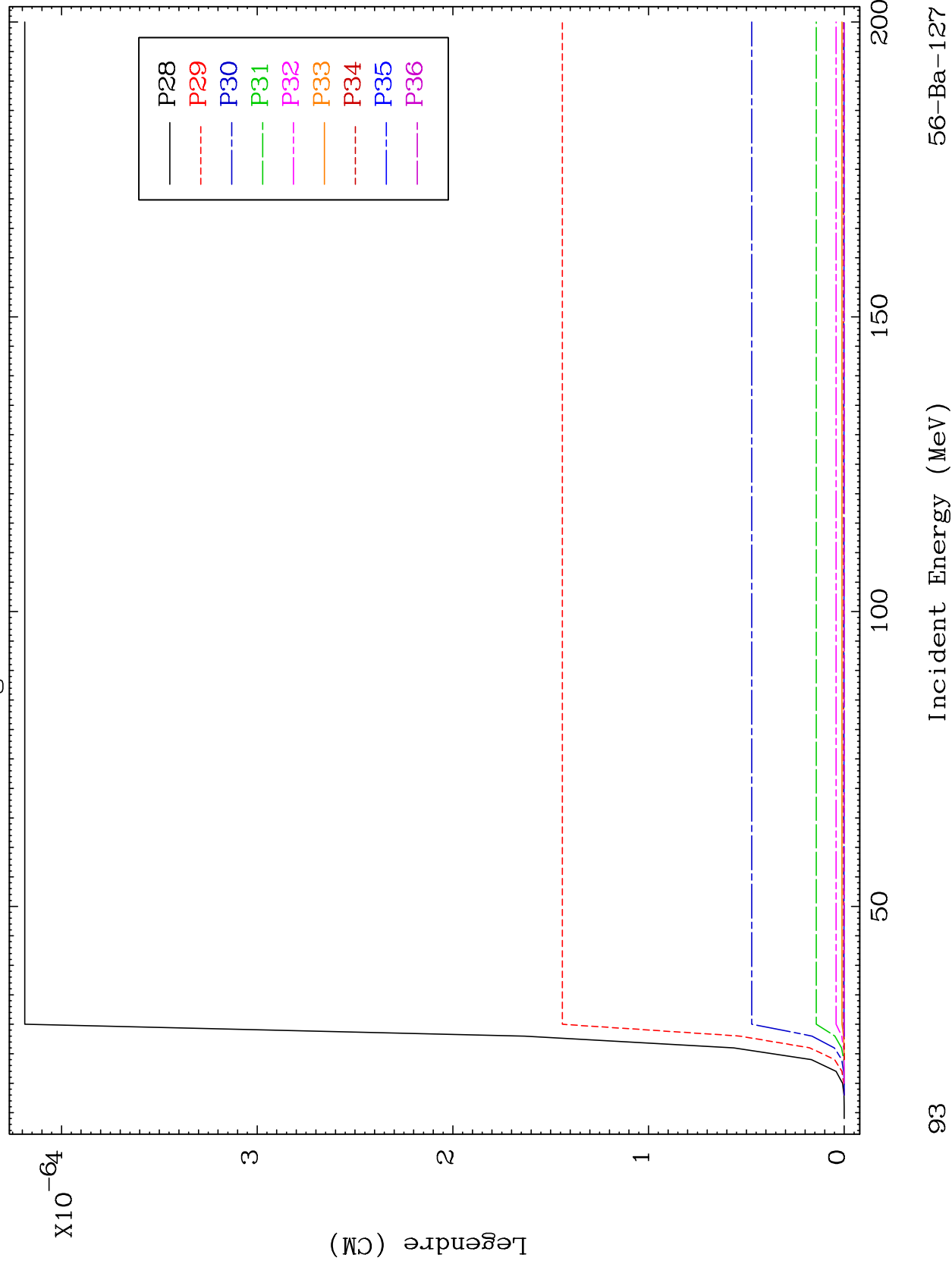
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

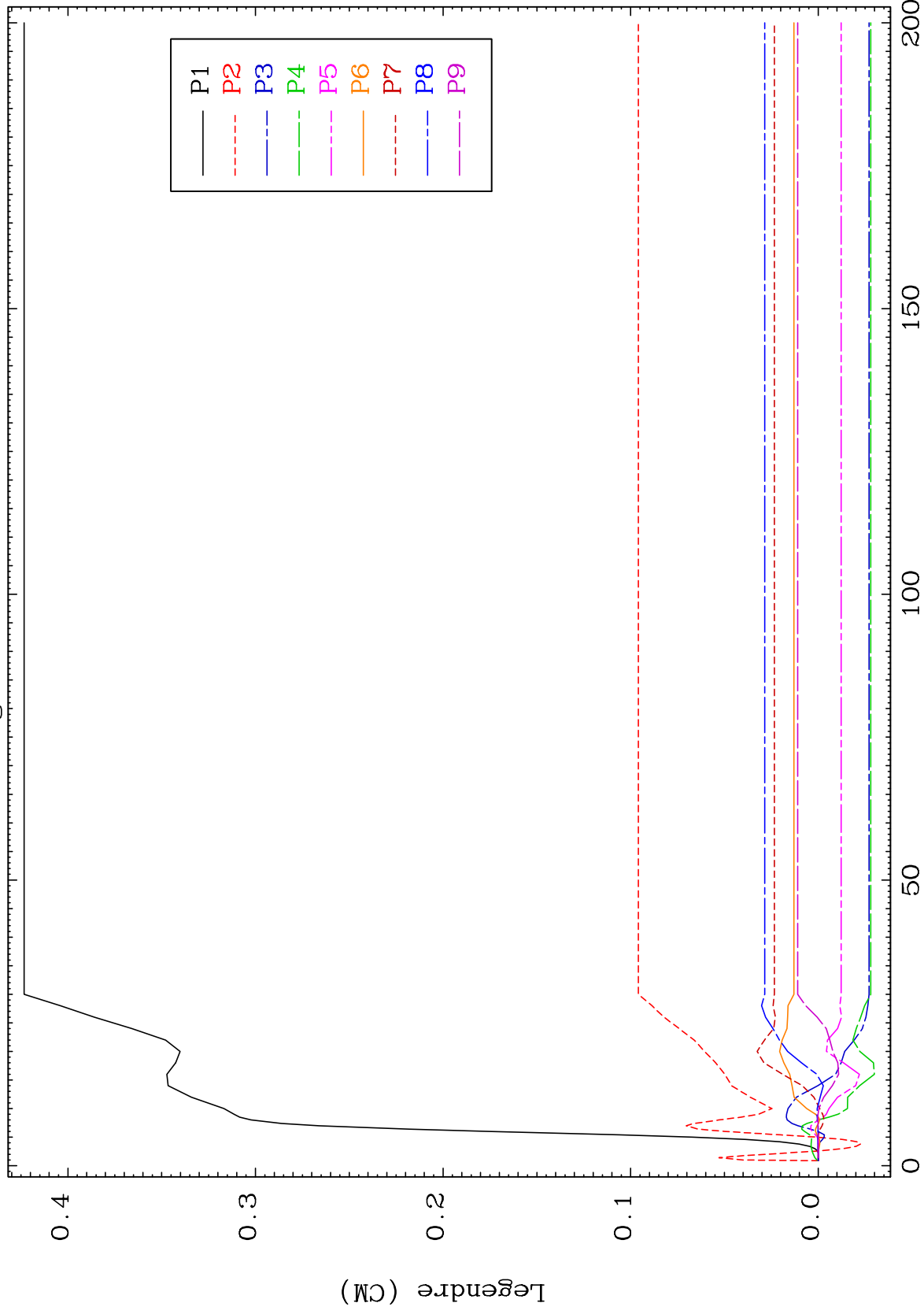
56-Ba-127



MAT 5616

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

56-Ba-127



94

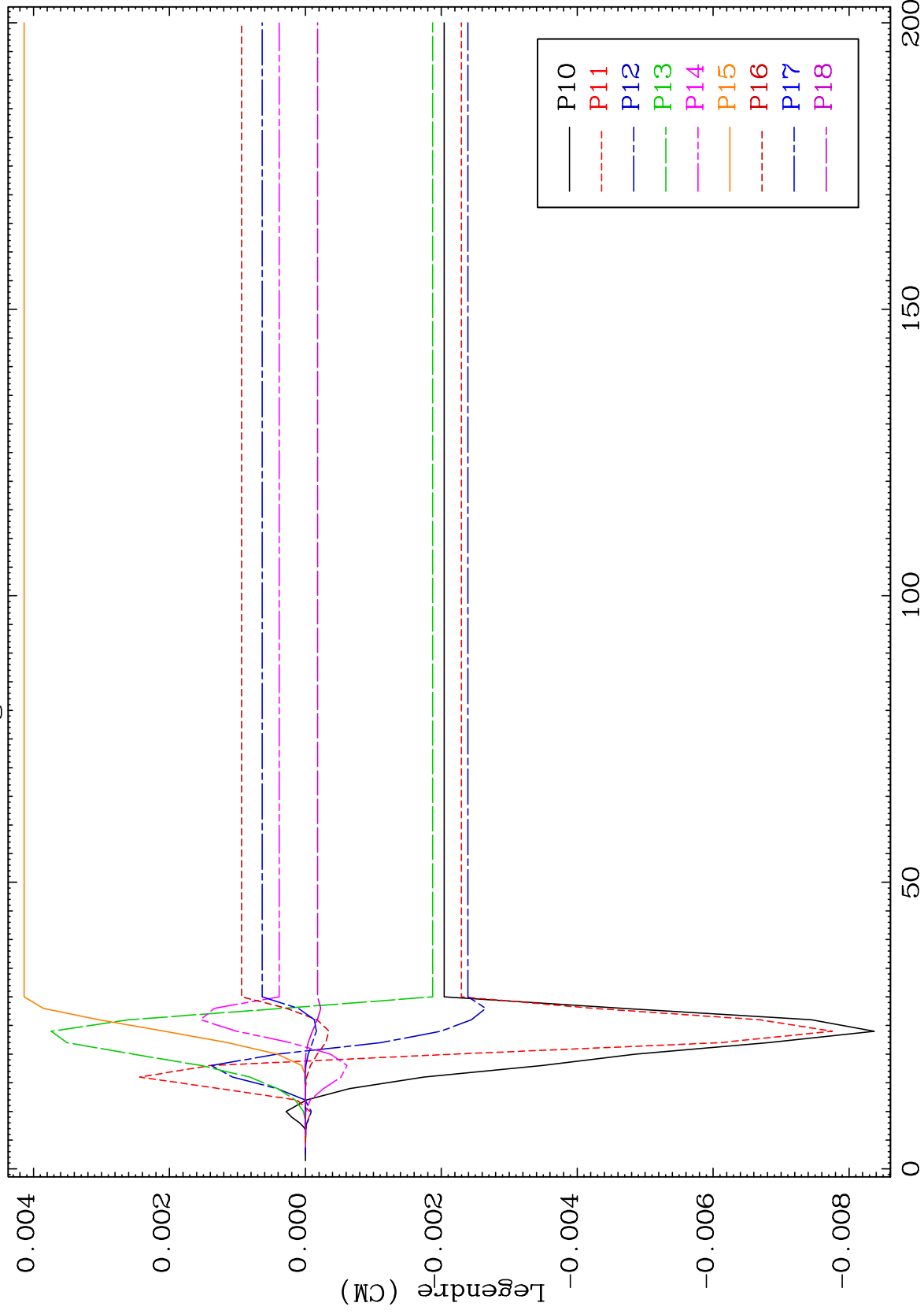
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

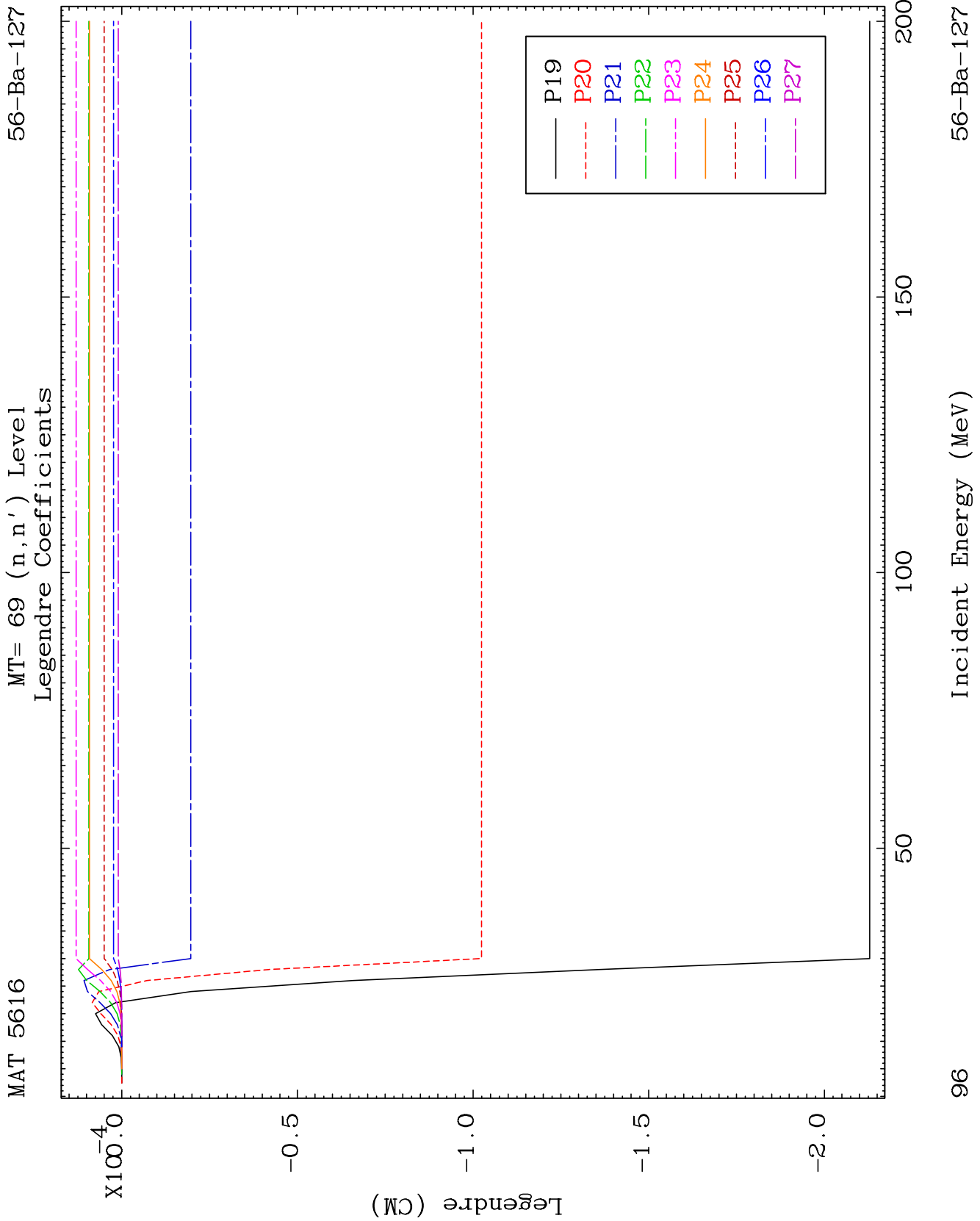
56-Ba-127



95

Incident Energy (MeV)

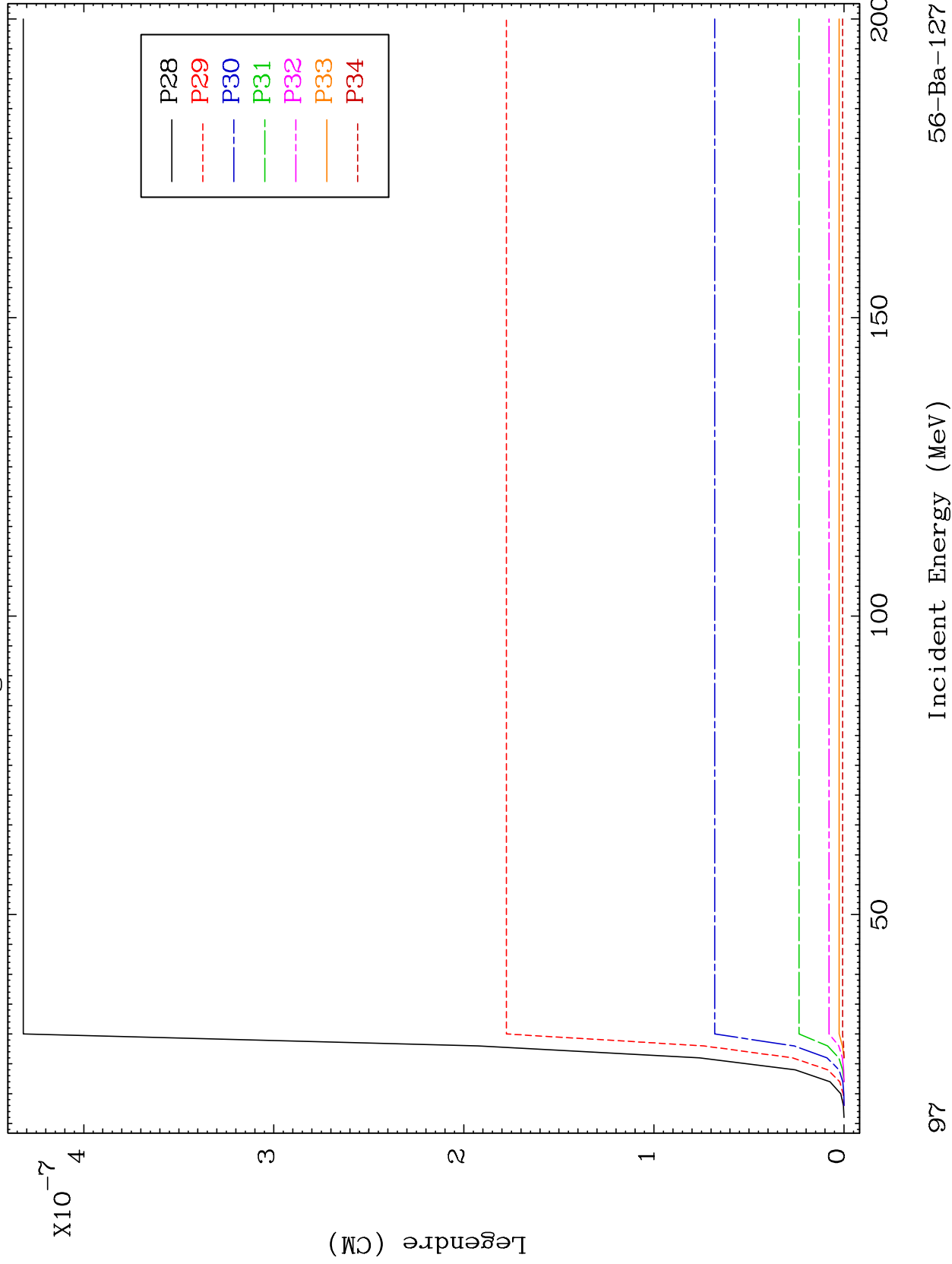
56-Ba-127



MAT 5616

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

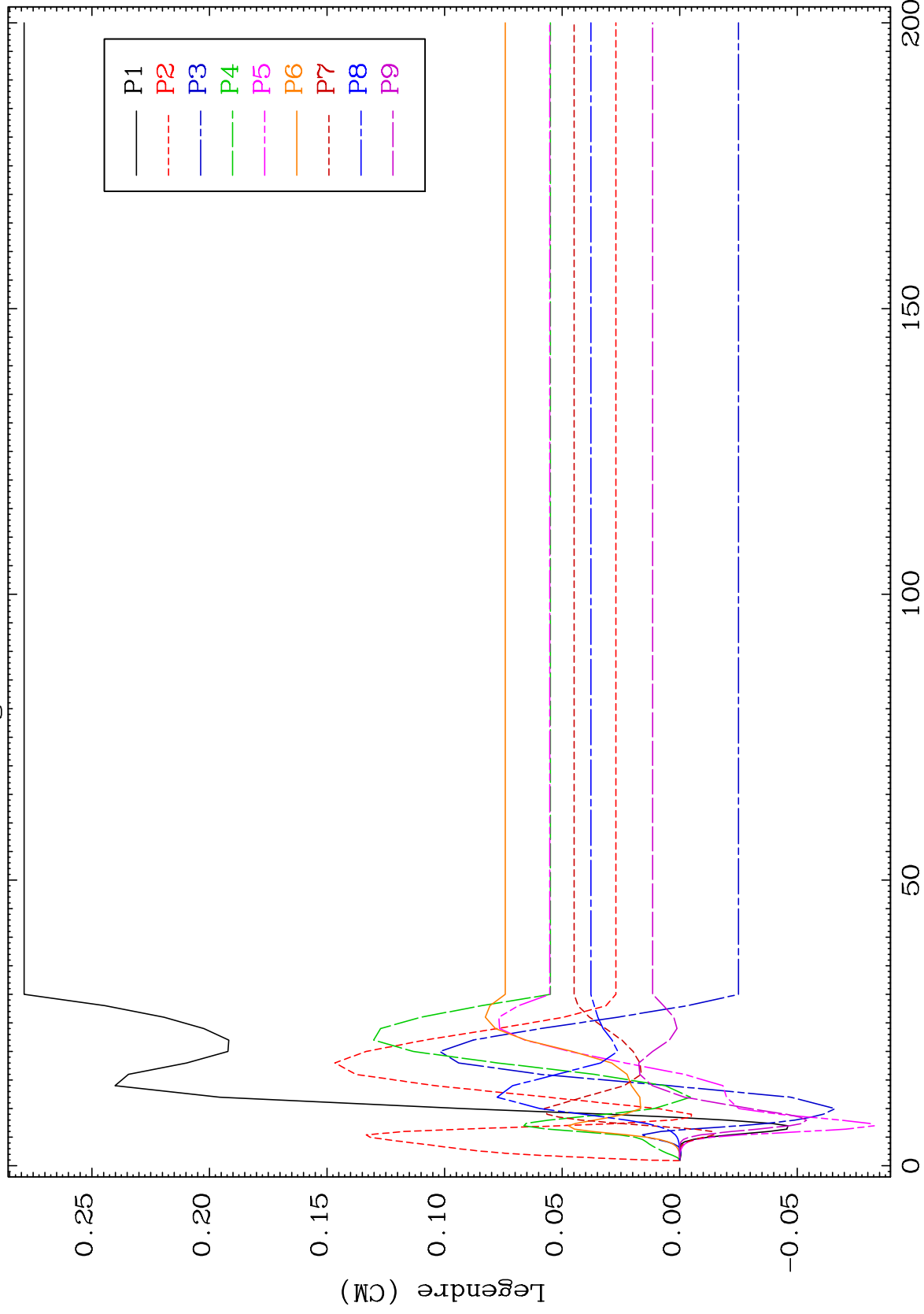
56-Ba-127



MAT 5616

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

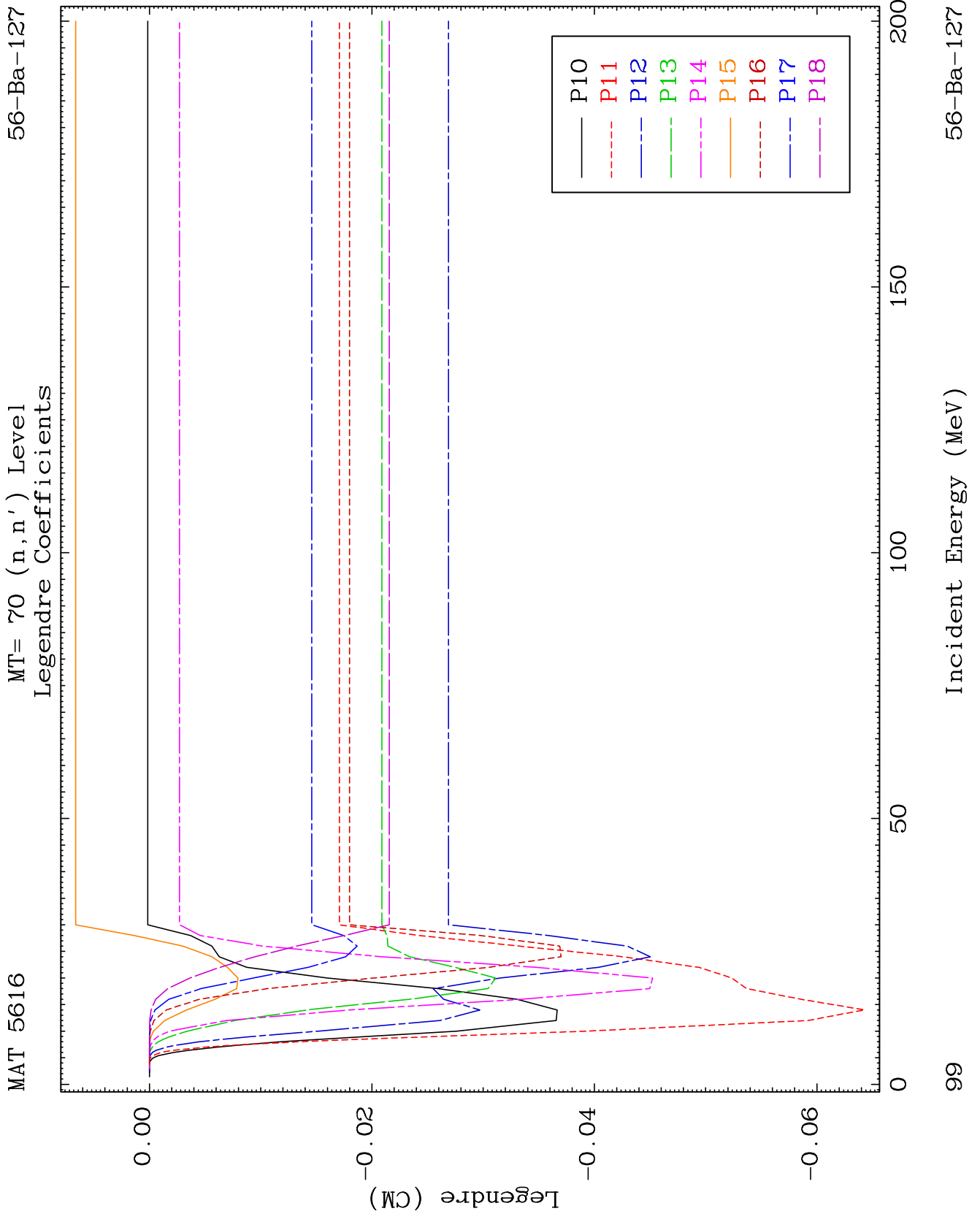
56-Ba-127

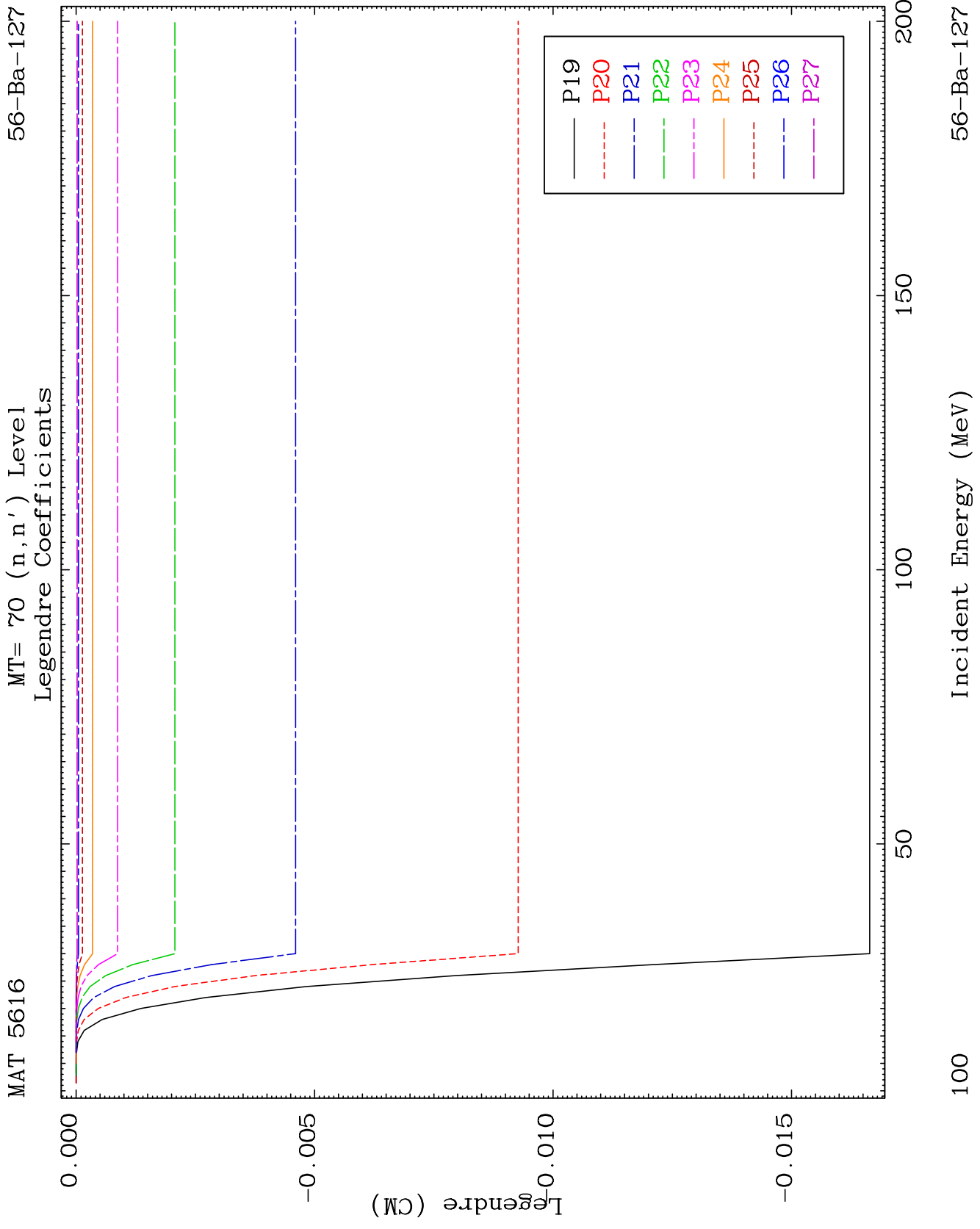


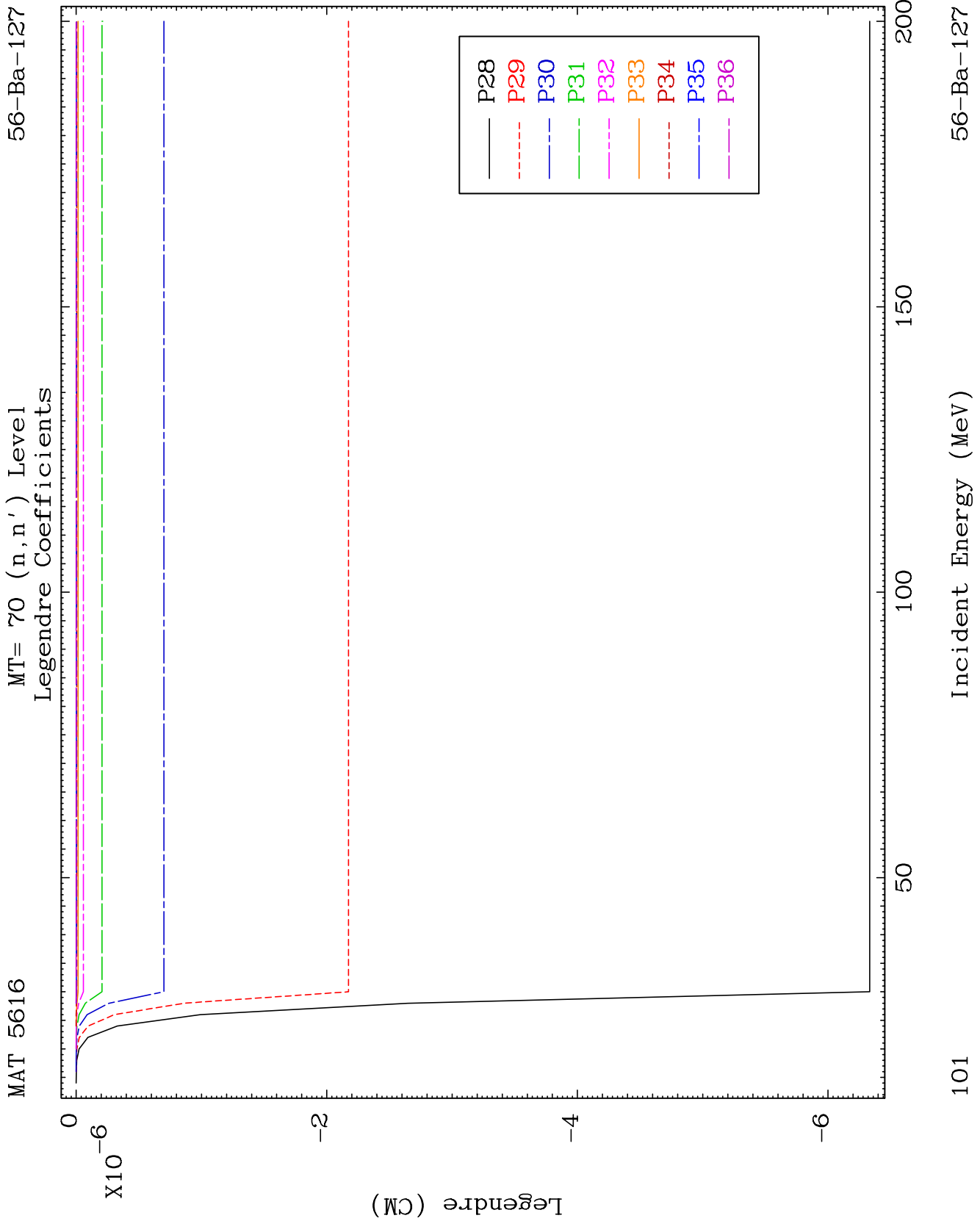
98

Incident Energy (MeV)

56-Ba-127



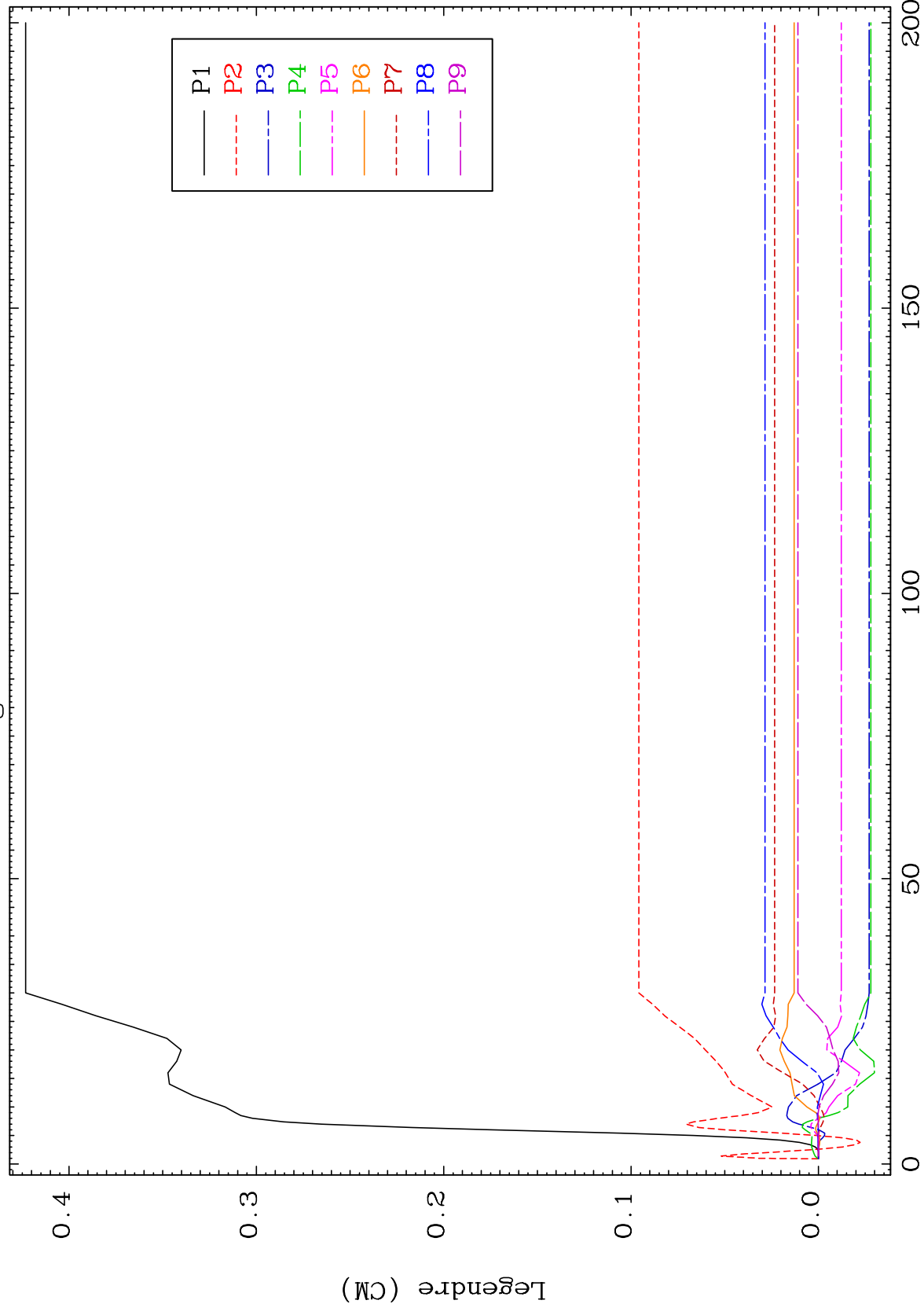




MAT 5616

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

56-Ba-127



56-Ba-127

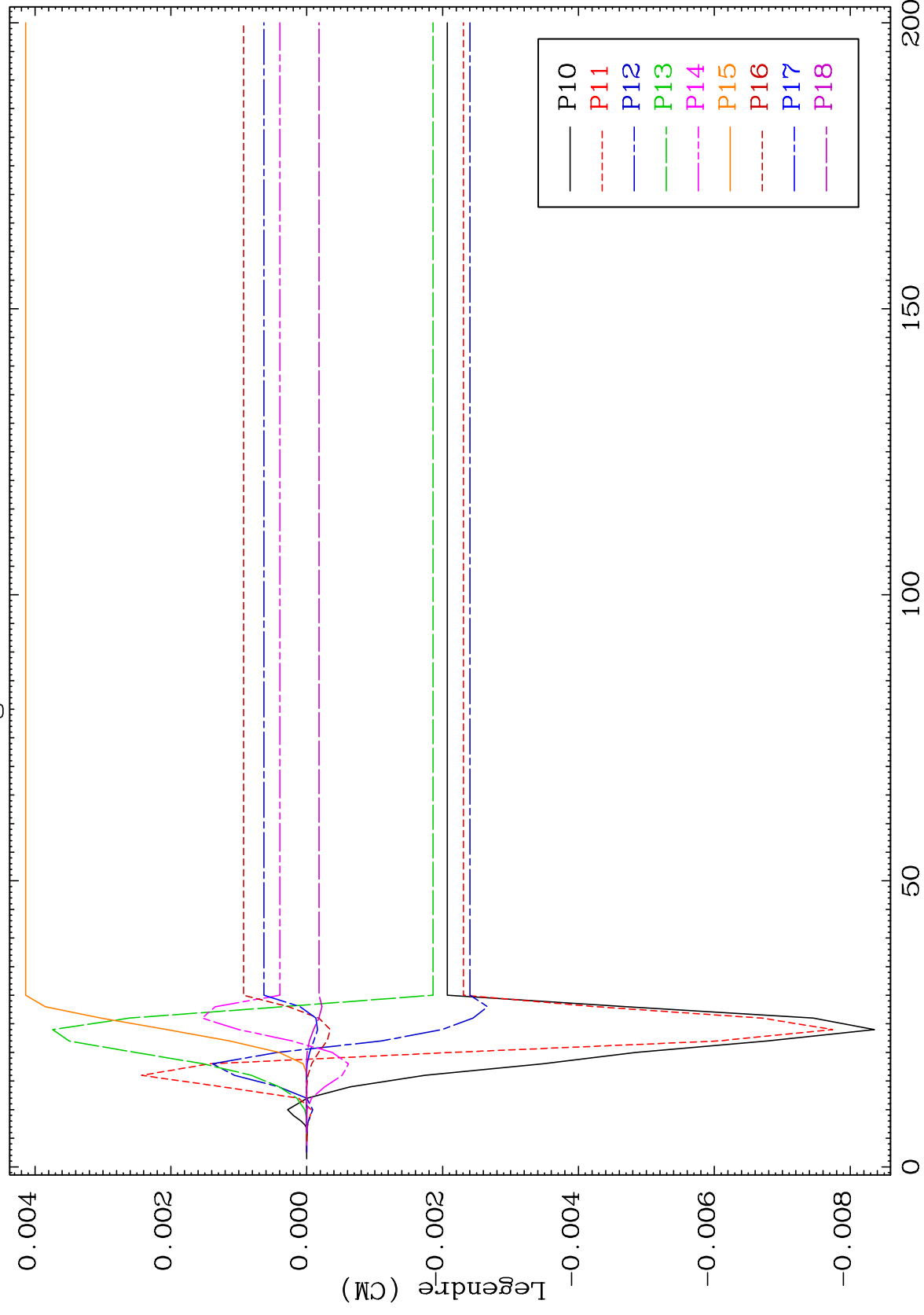
Incident Energy (MeV)

102

MAT 5616

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

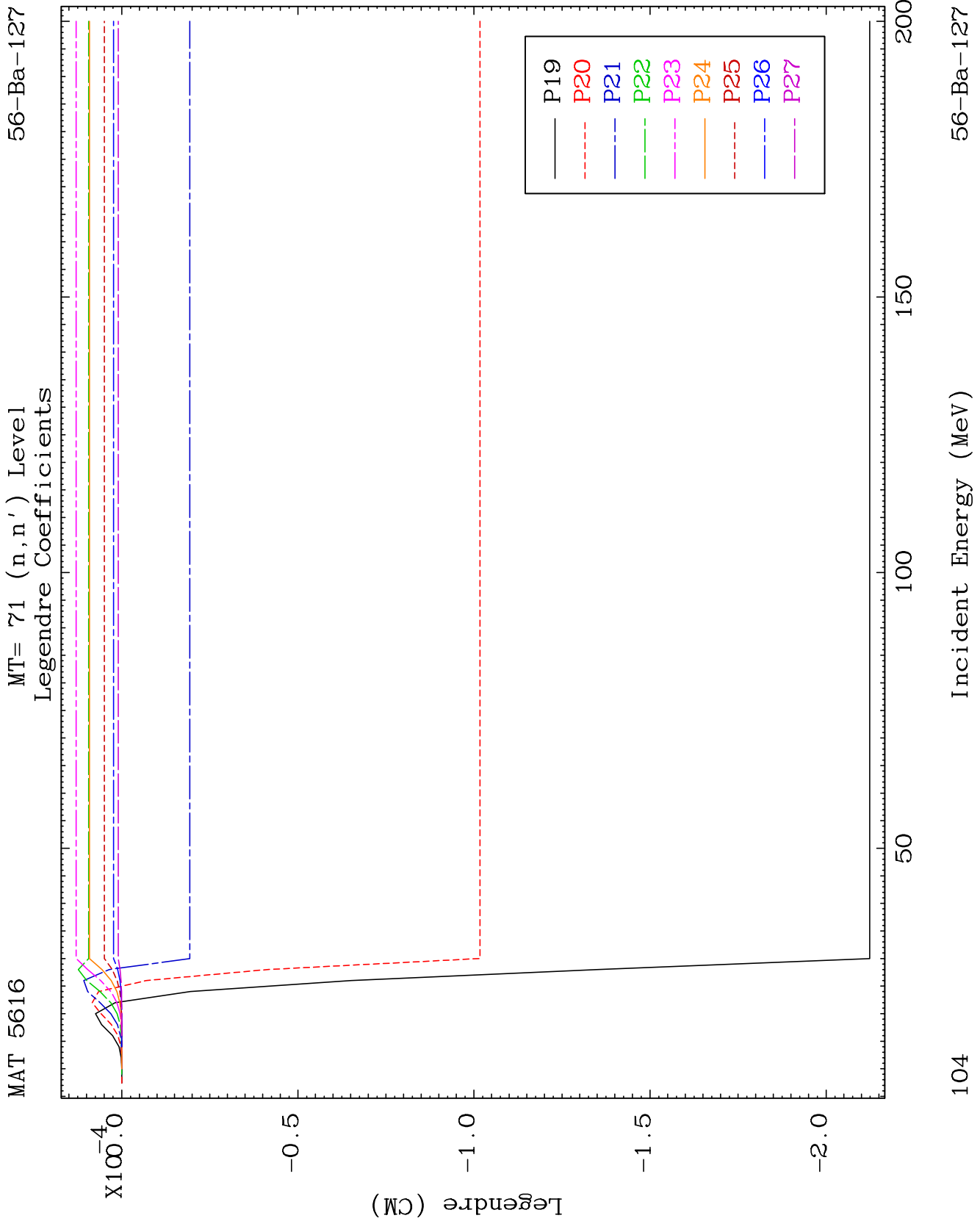
56-Ba-127



103

Incident Energy (MeV)

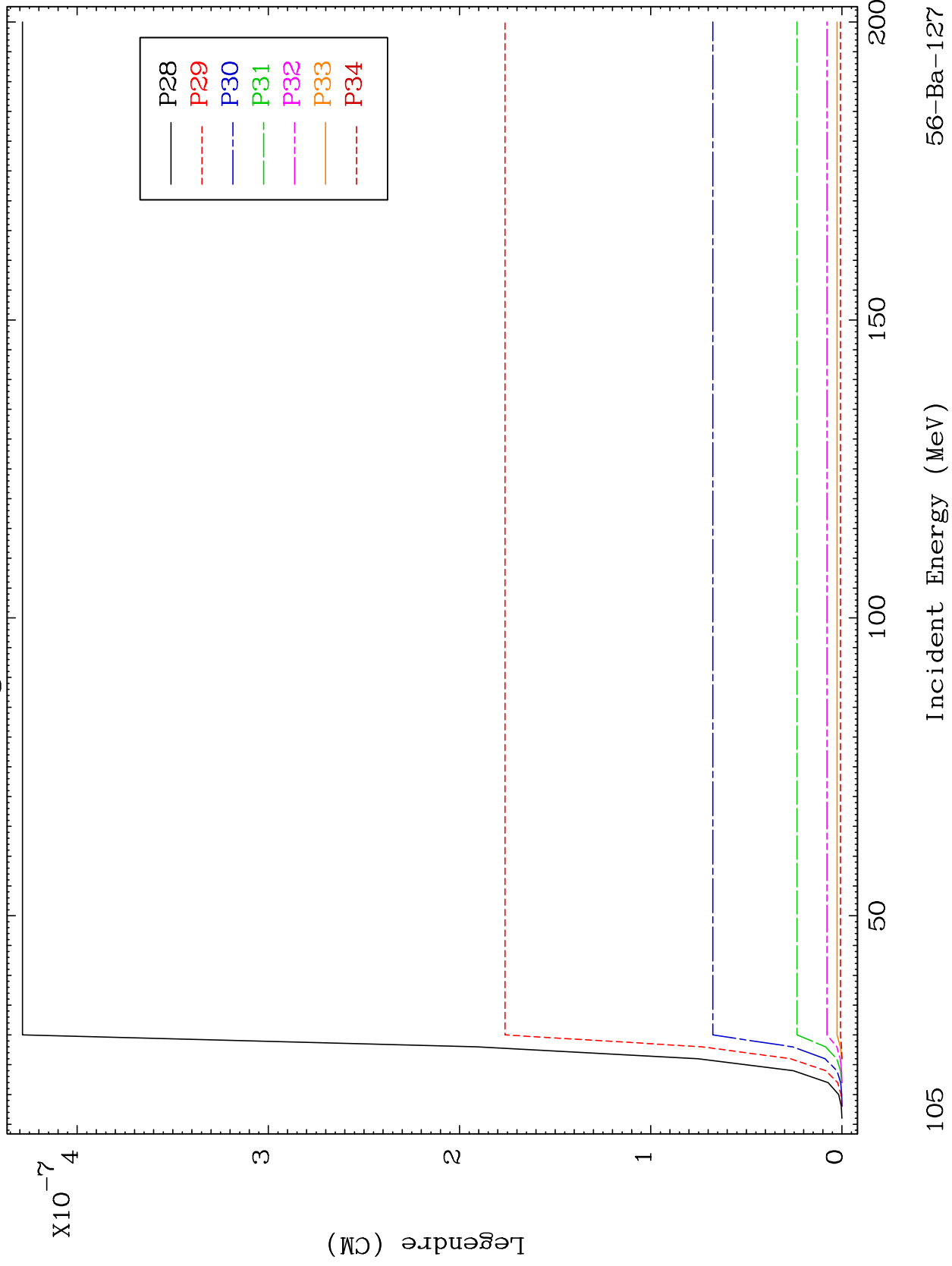
56-Ba-127



MAT 5616

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

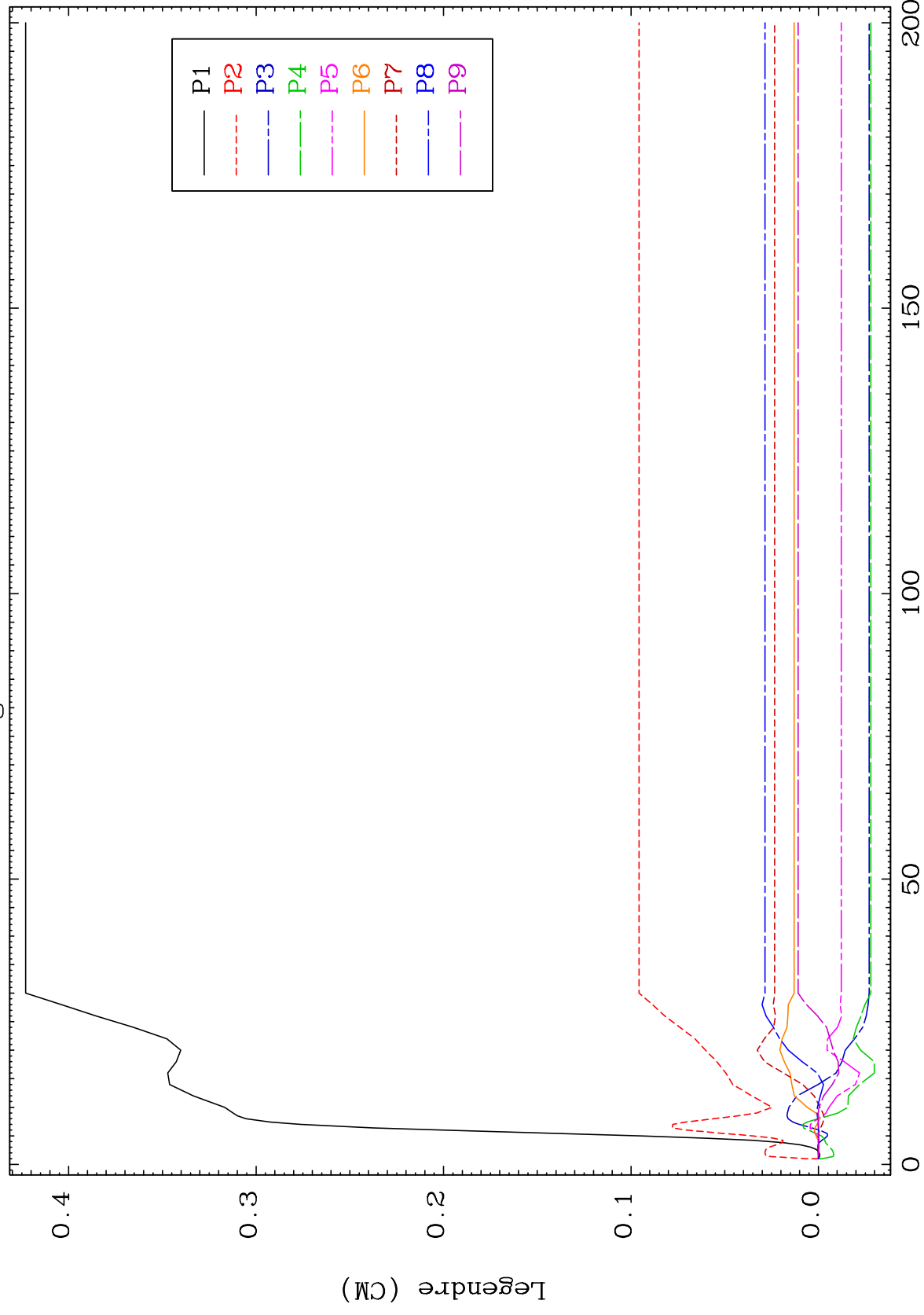
56-Ba-127



MAT 5616

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

56-Ba-127



56-Ba-127

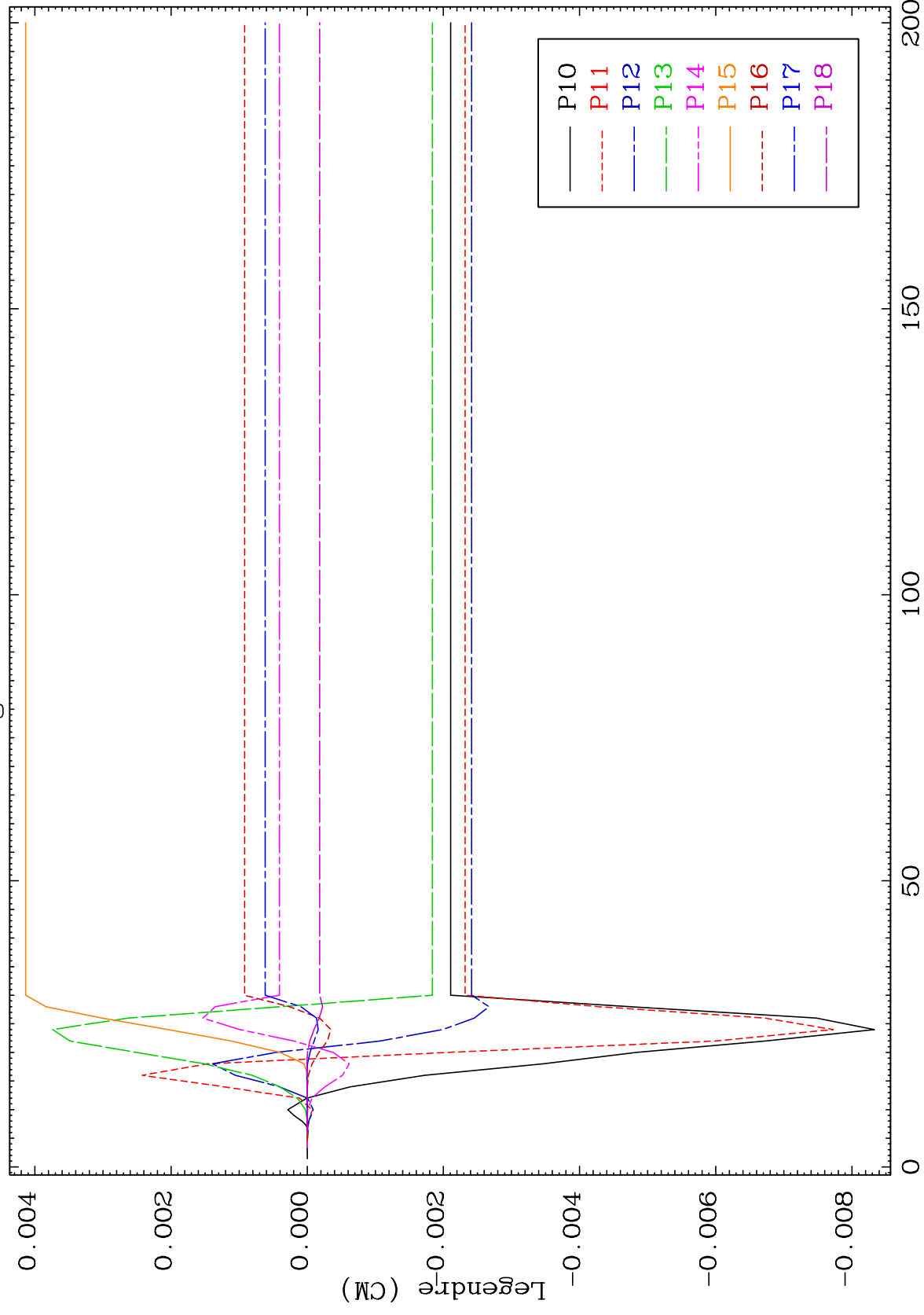
Incident Energy (MeV)

106

MAT 5616

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

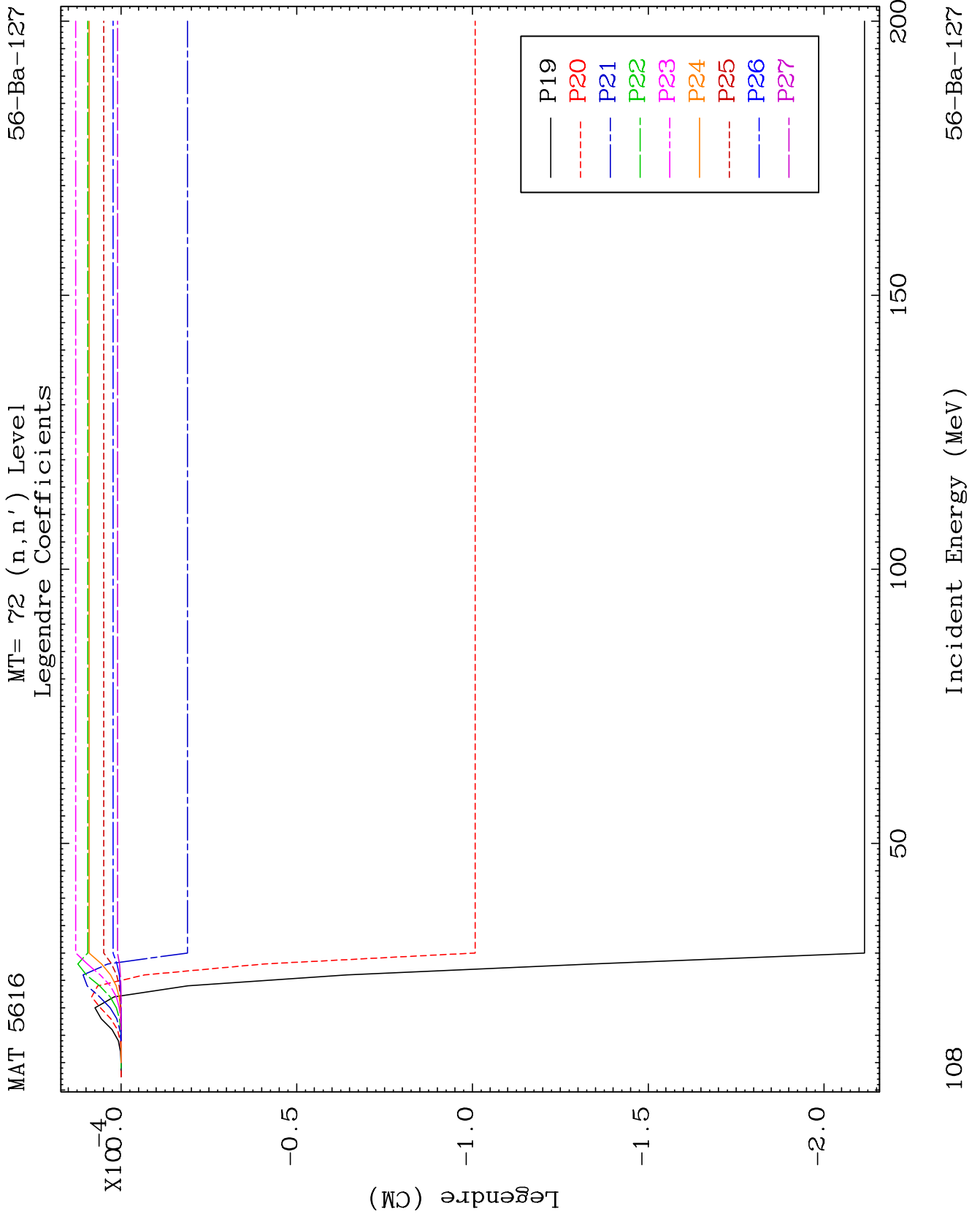
56-Ba-127



107

Incident Energy (MeV)

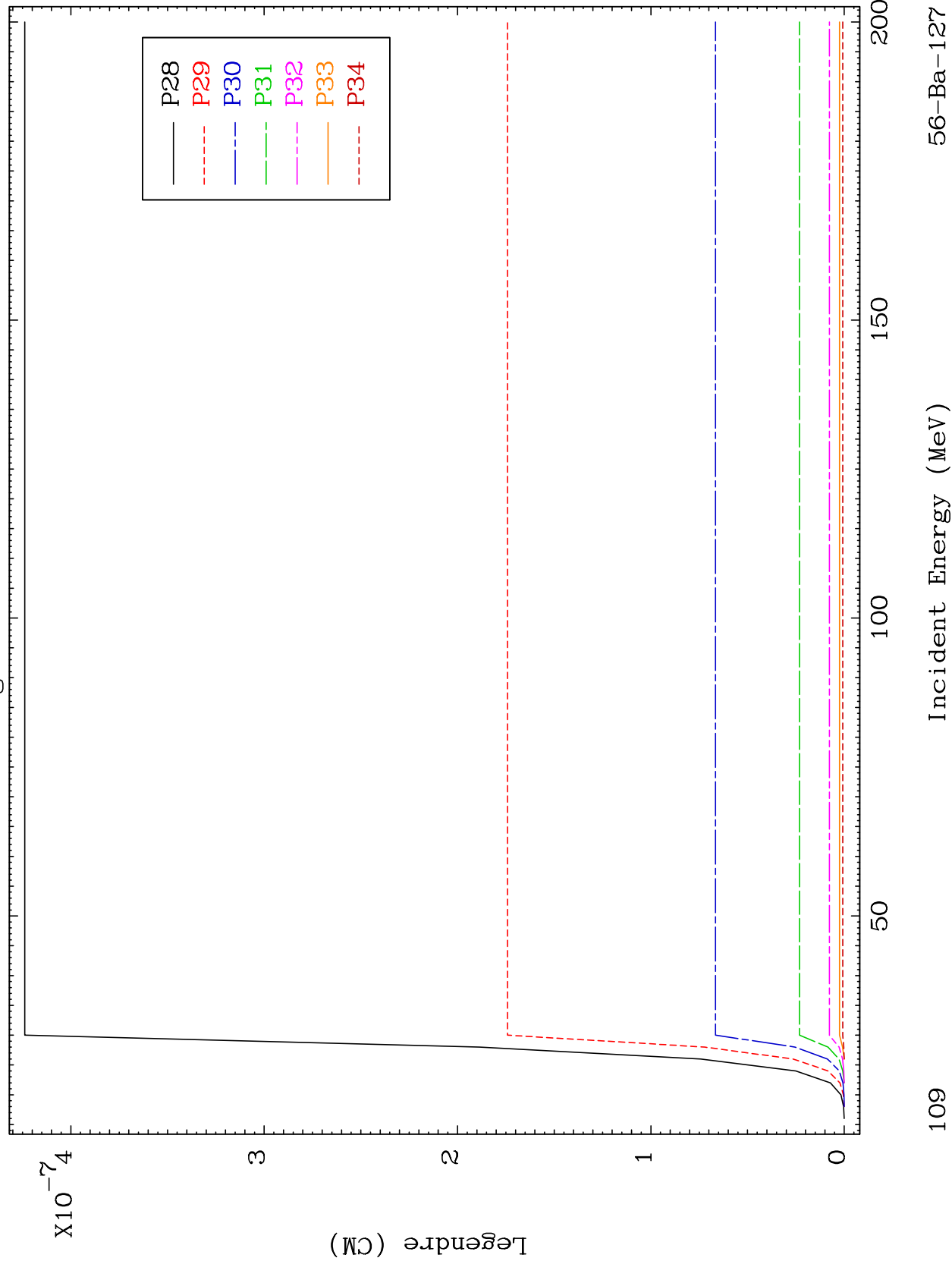
56-Ba-127



MAT 5616

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

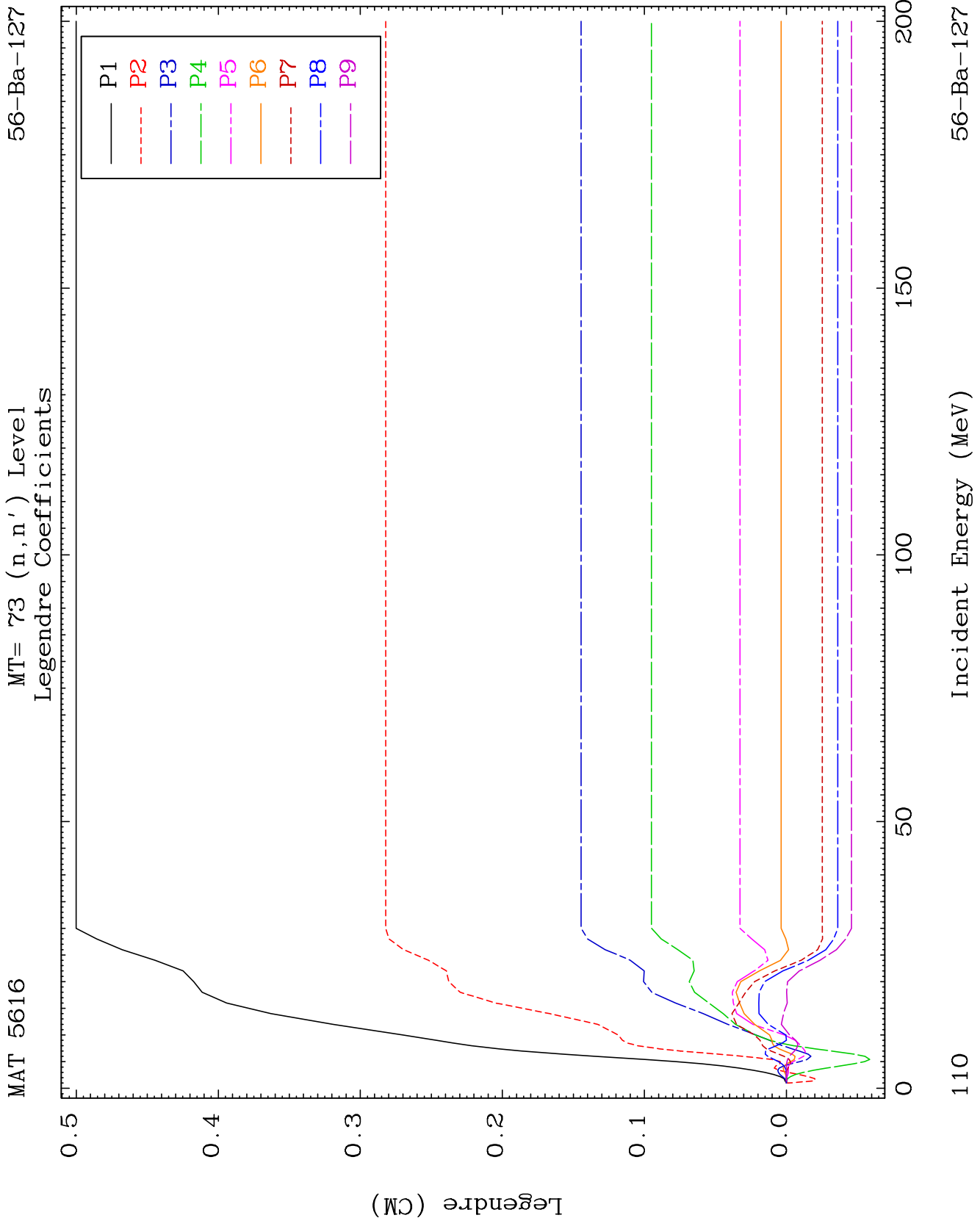
56-Ba-127

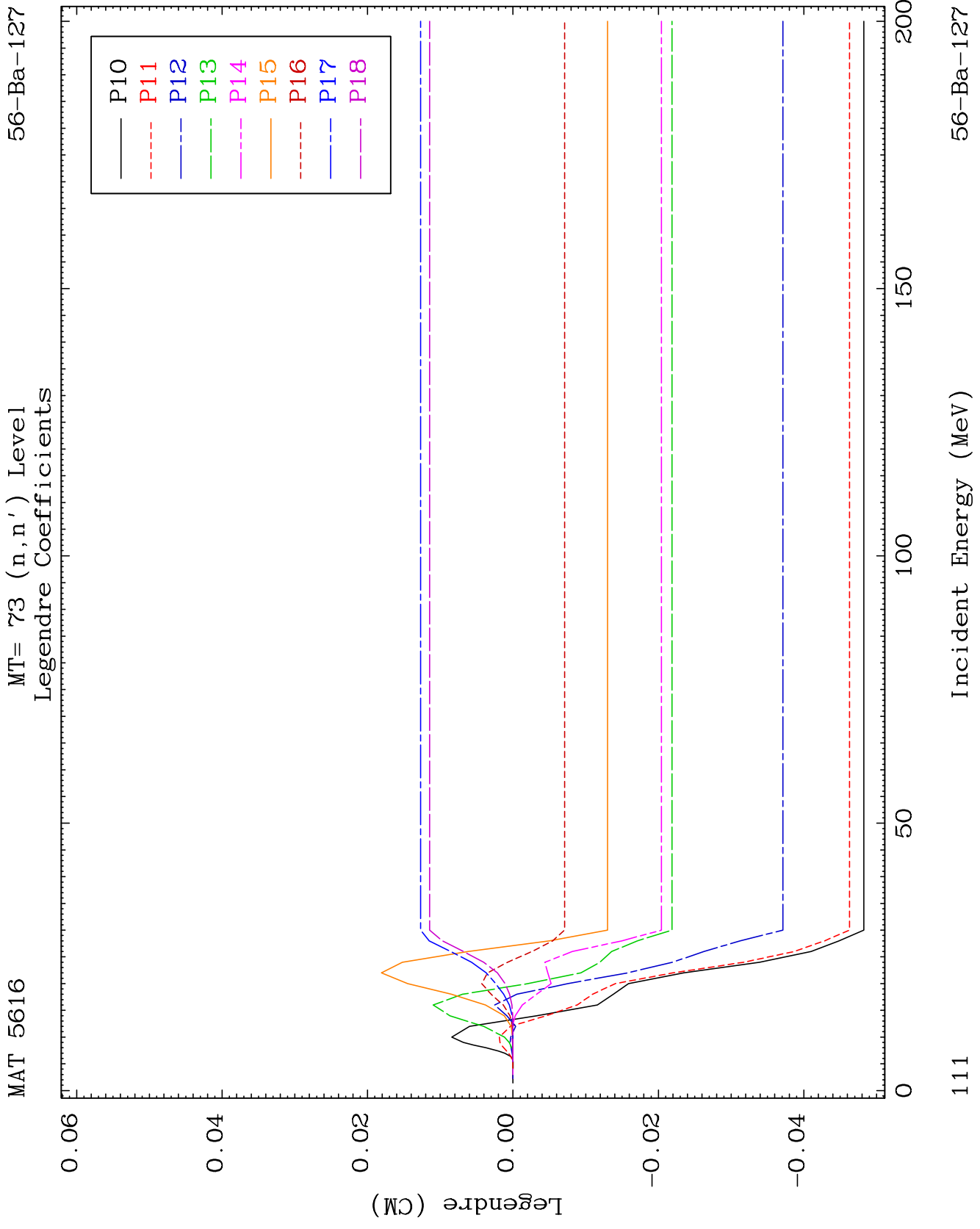


109

Incident Energy (MeV)

56-Ba-127

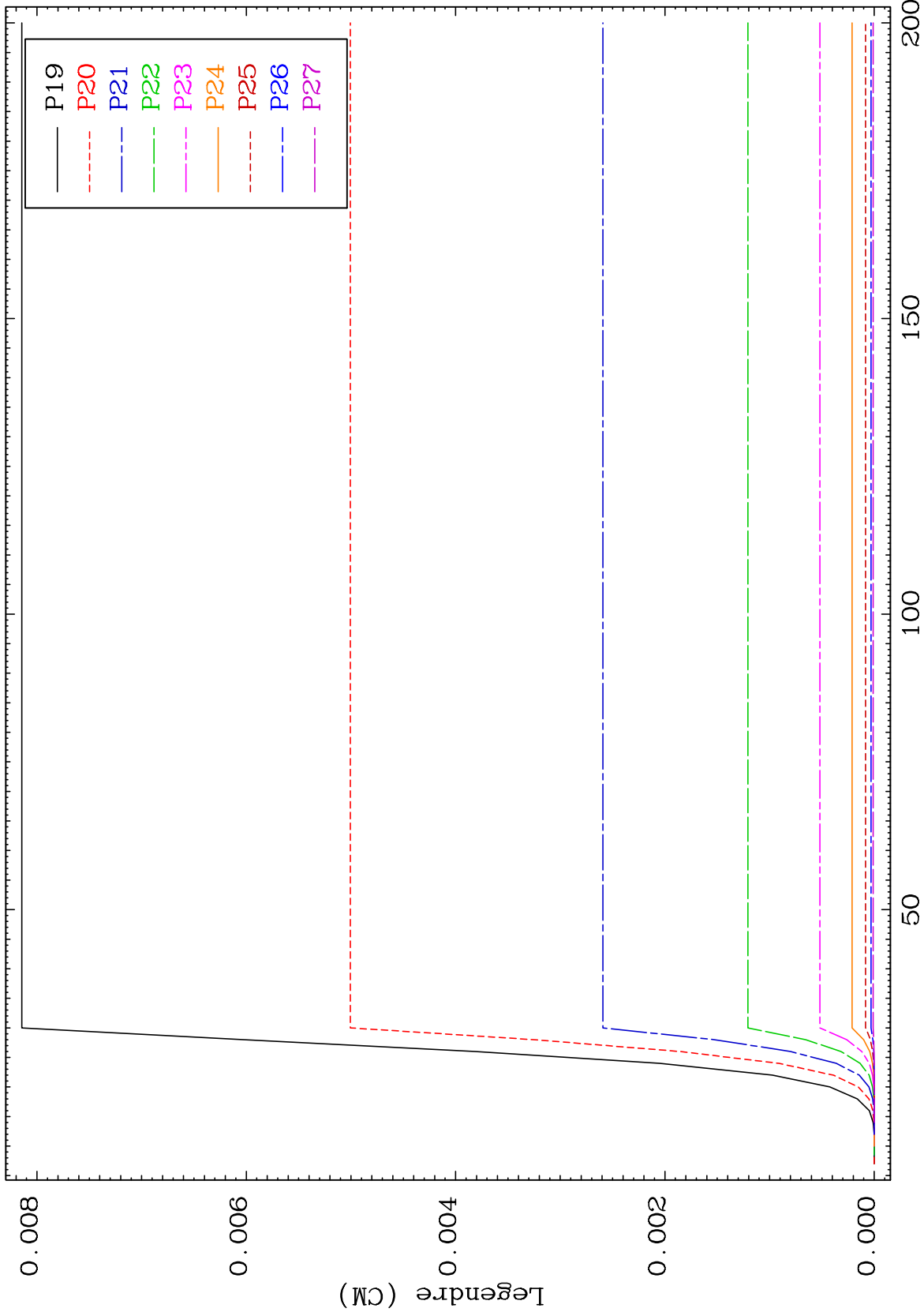




MAT 5616

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

56-Ba-127



112

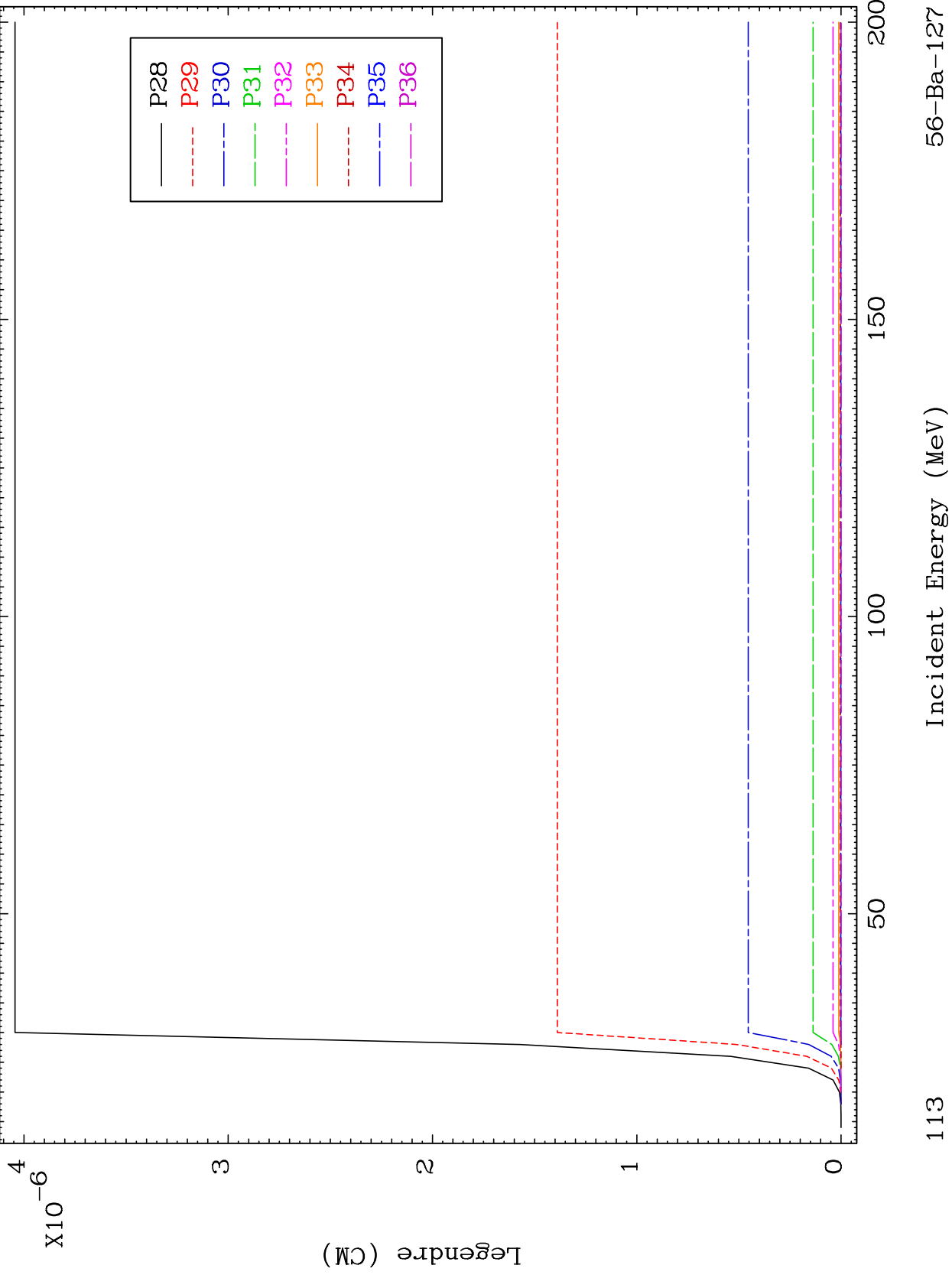
Incident Energy (MeV)

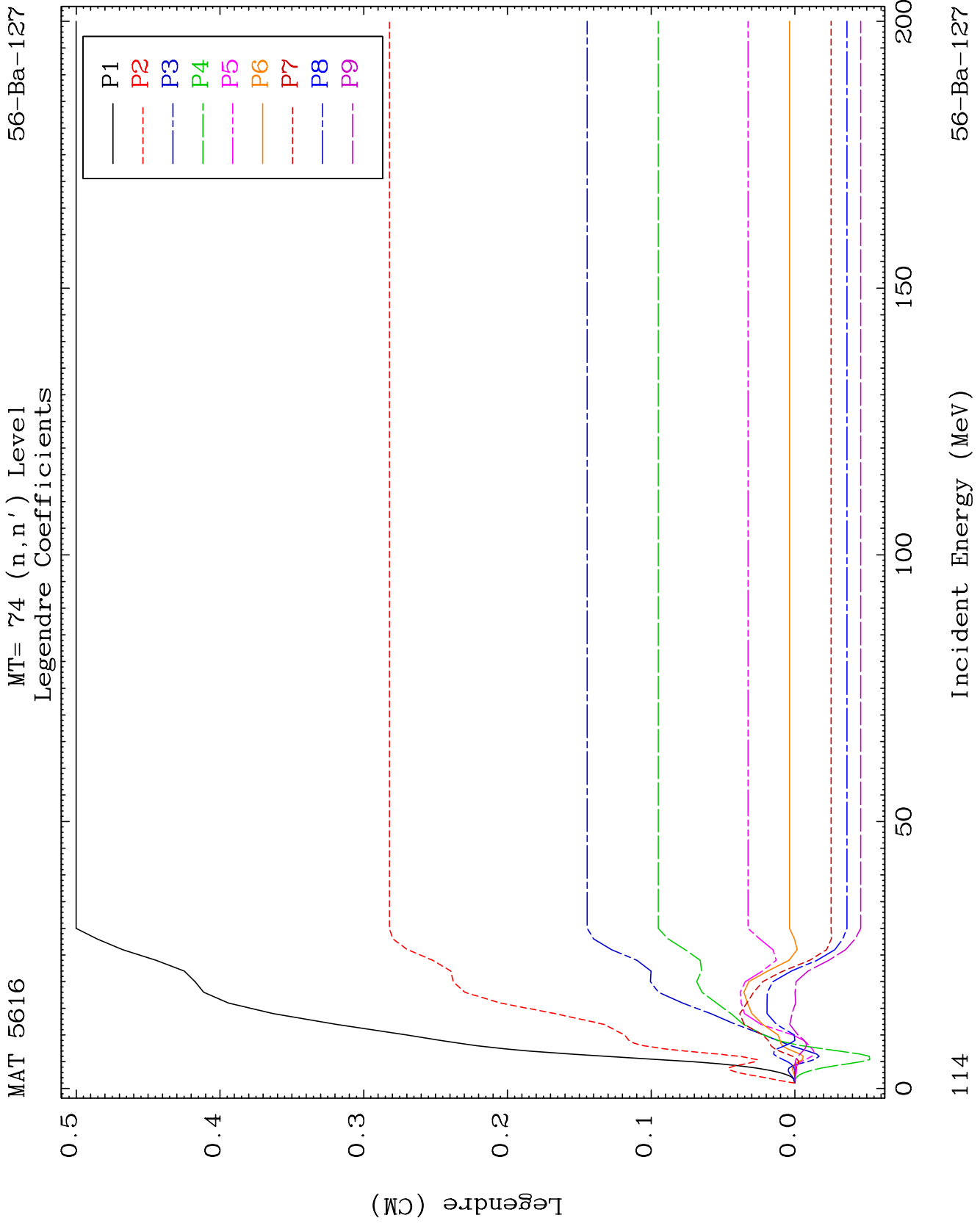
56-Ba-127

MAT 5616

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

56-Ba-127



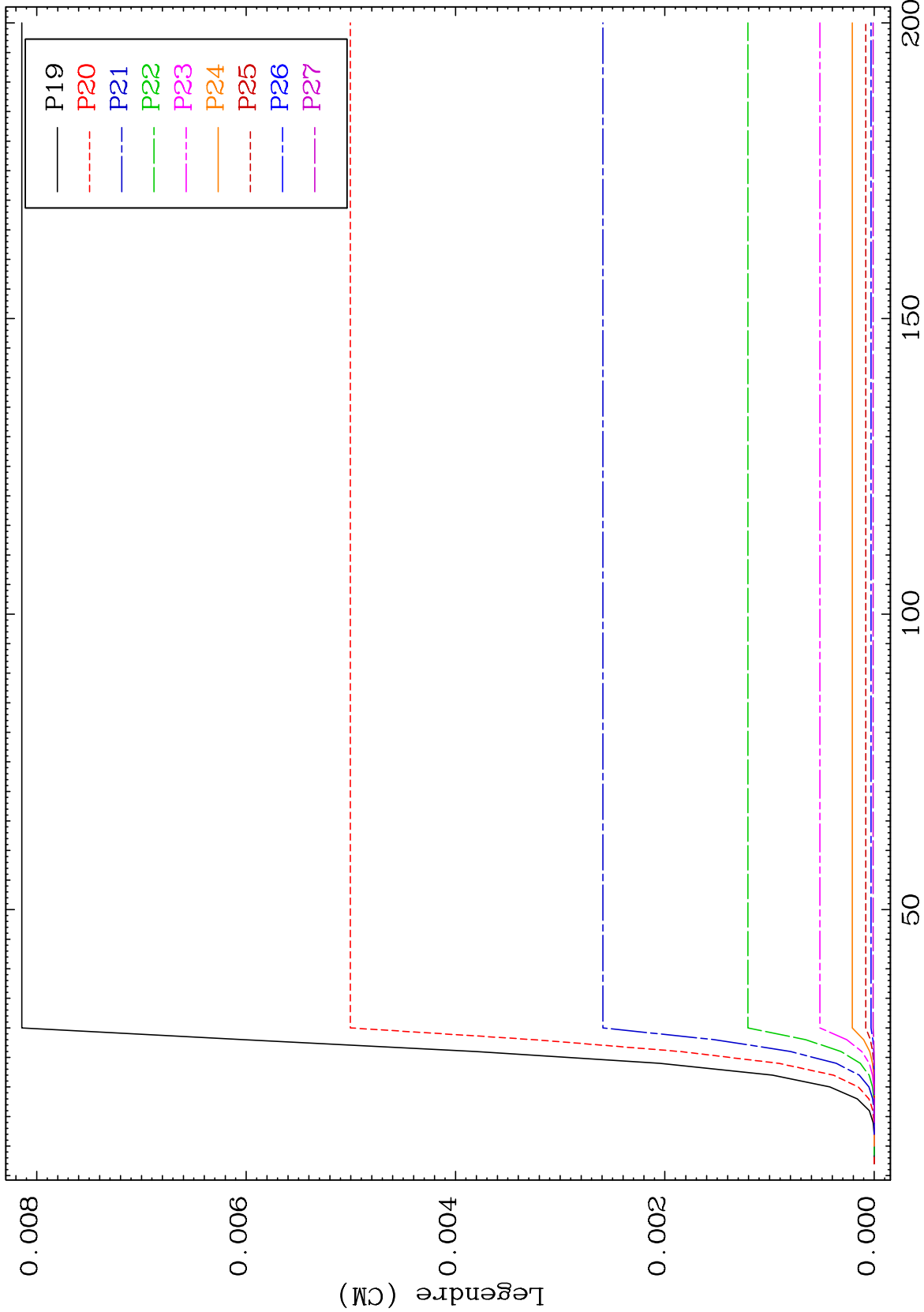


MAT 5616

MT= 74 (n,n') Level

56-Ba-127

Legendre Coefficients



116

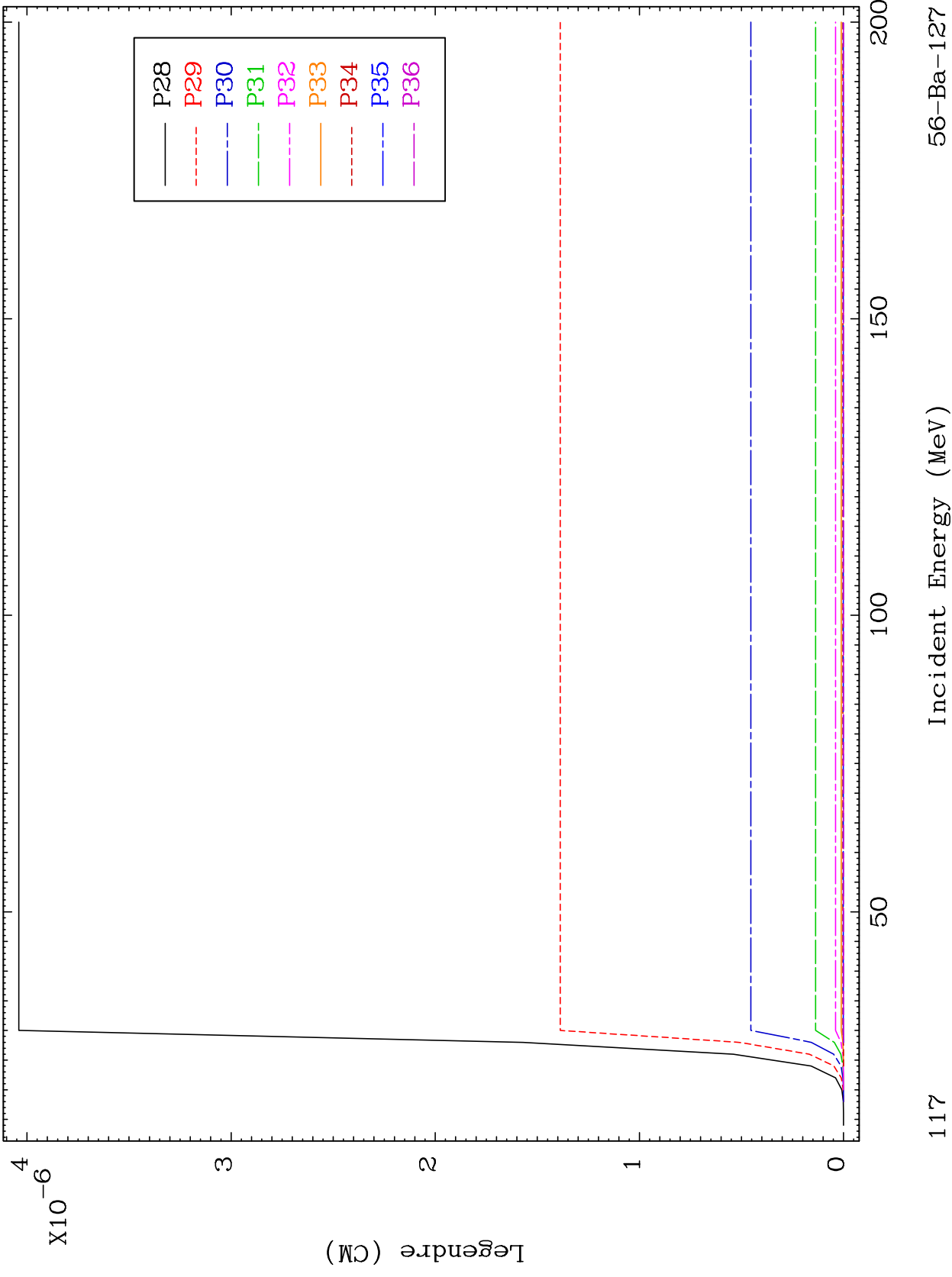
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

56-Ba-127



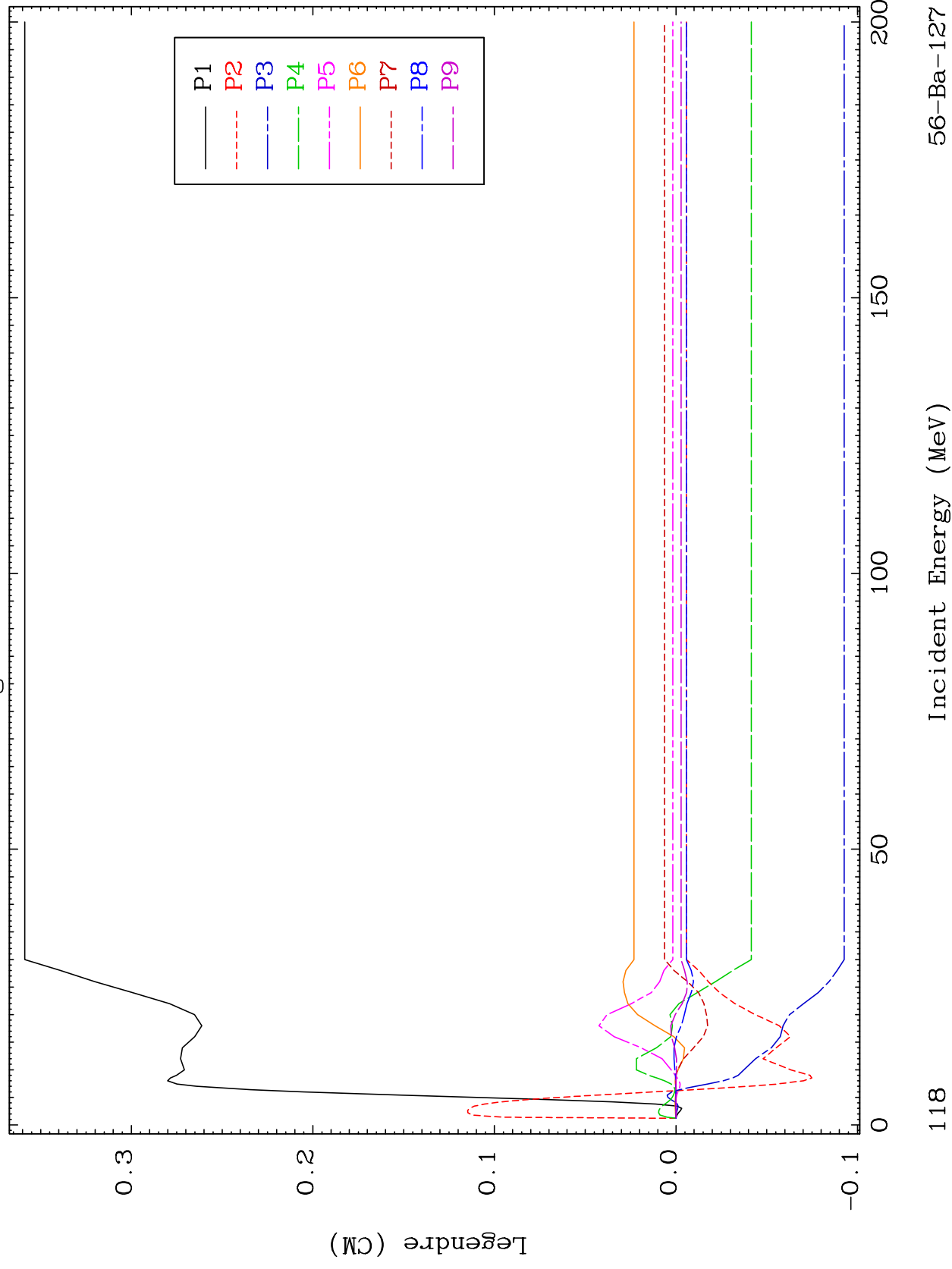
117

56-Ba-127

MAT 5616

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

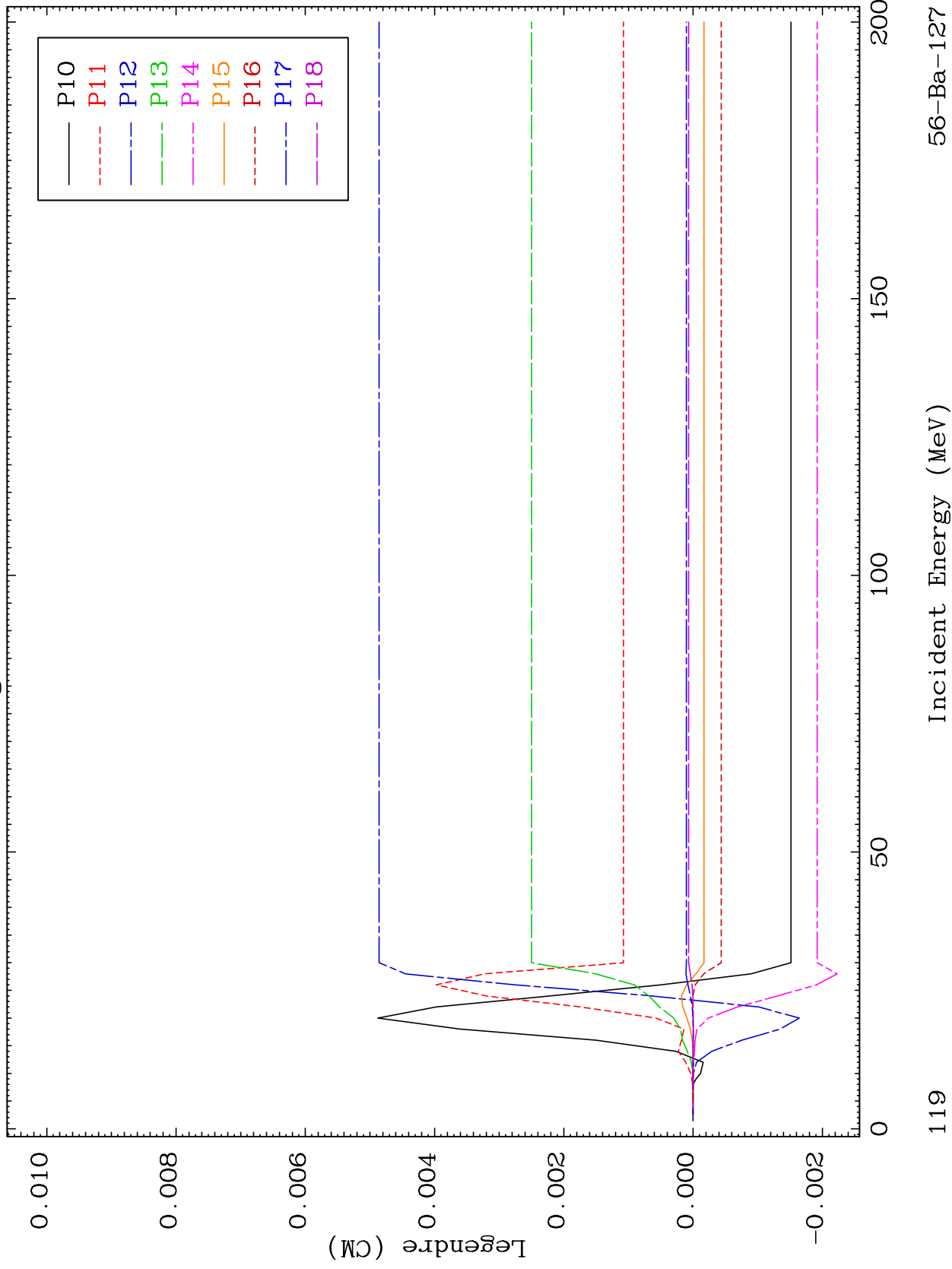
56-Ba-127



MAT 5616

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

56-Ba-127



119

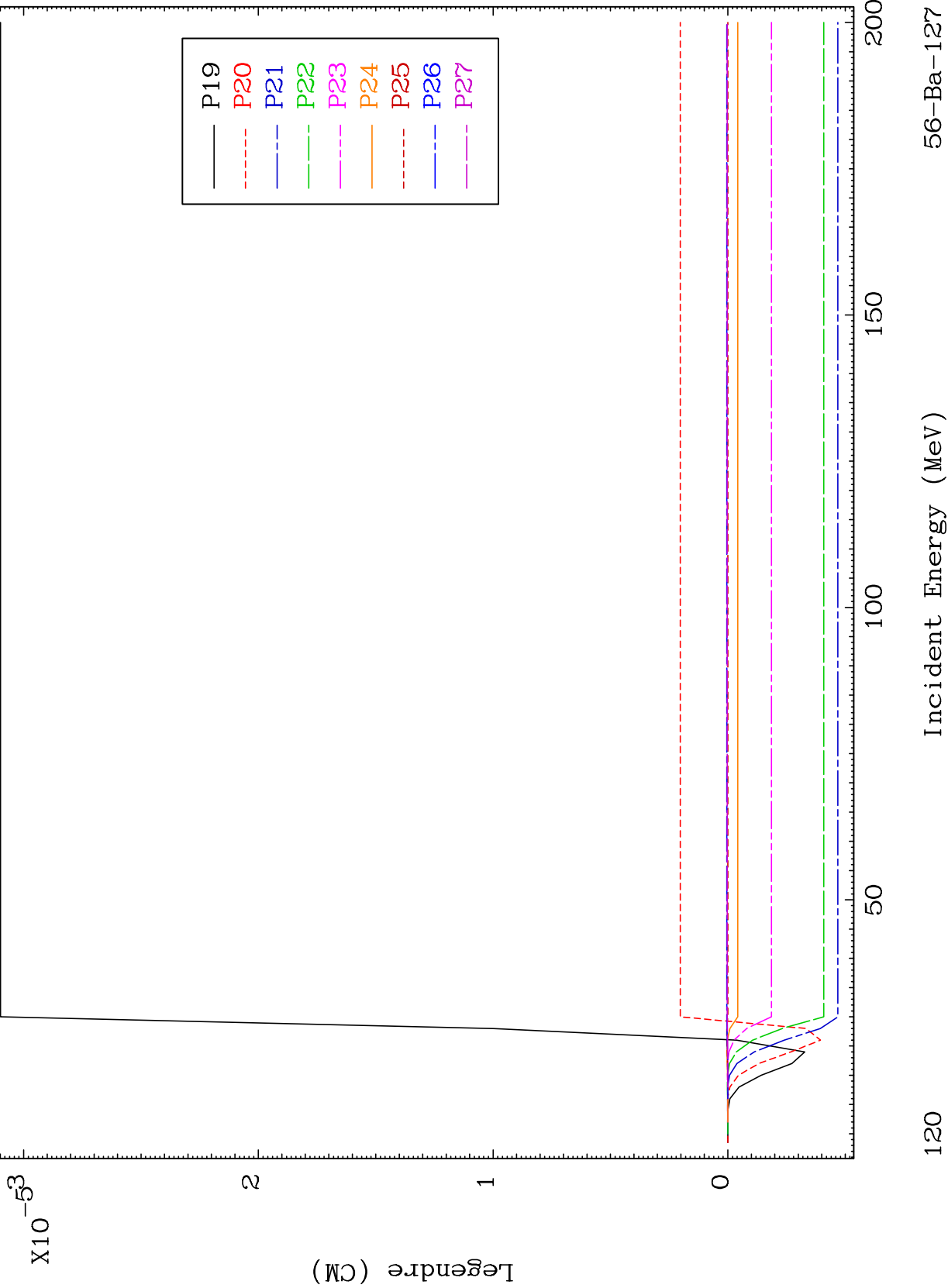
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

56-Ba-127



56-Ba-127

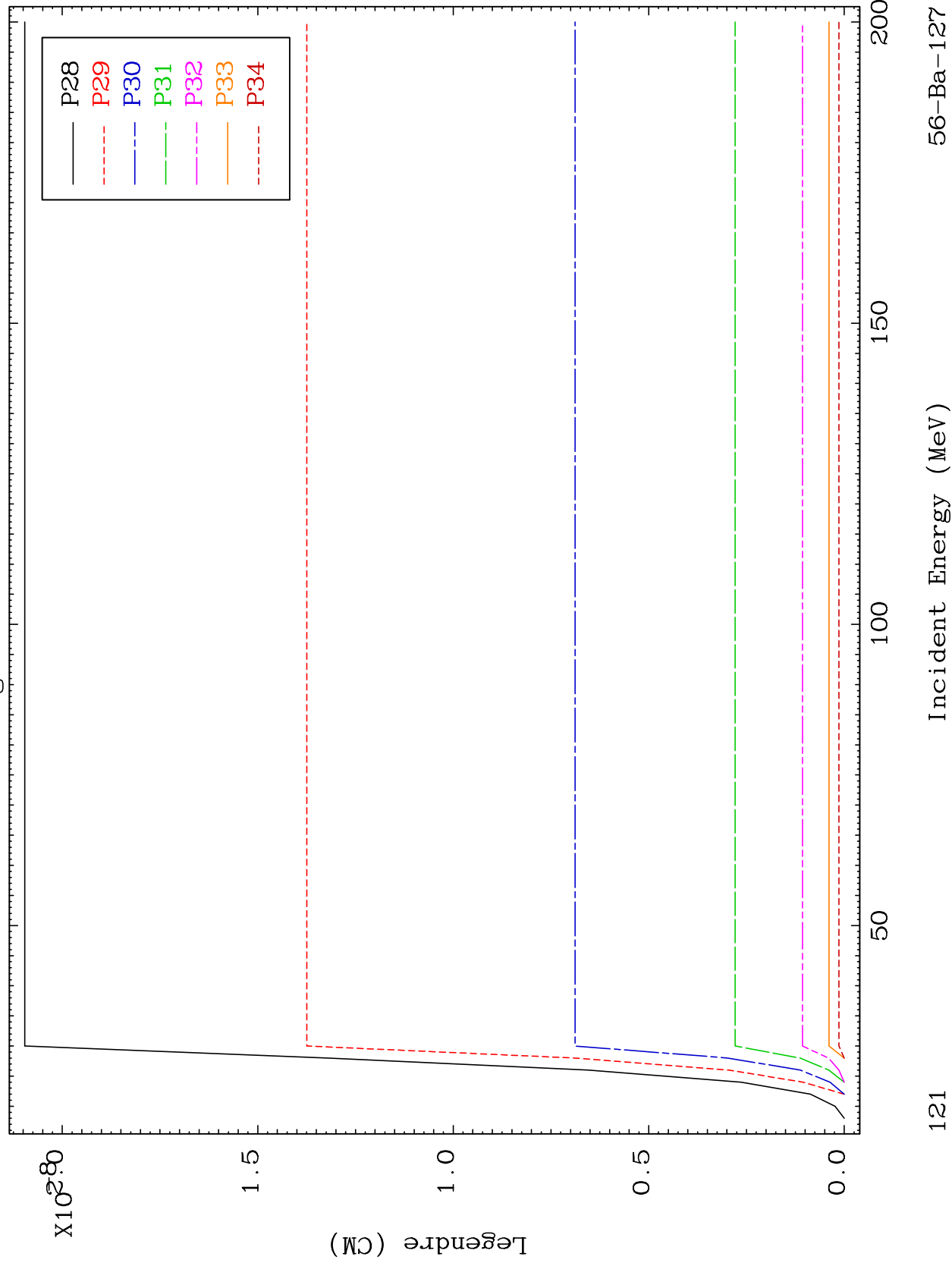
Incident Energy (MeV)

120

MAT 5616

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

56-Ba-127

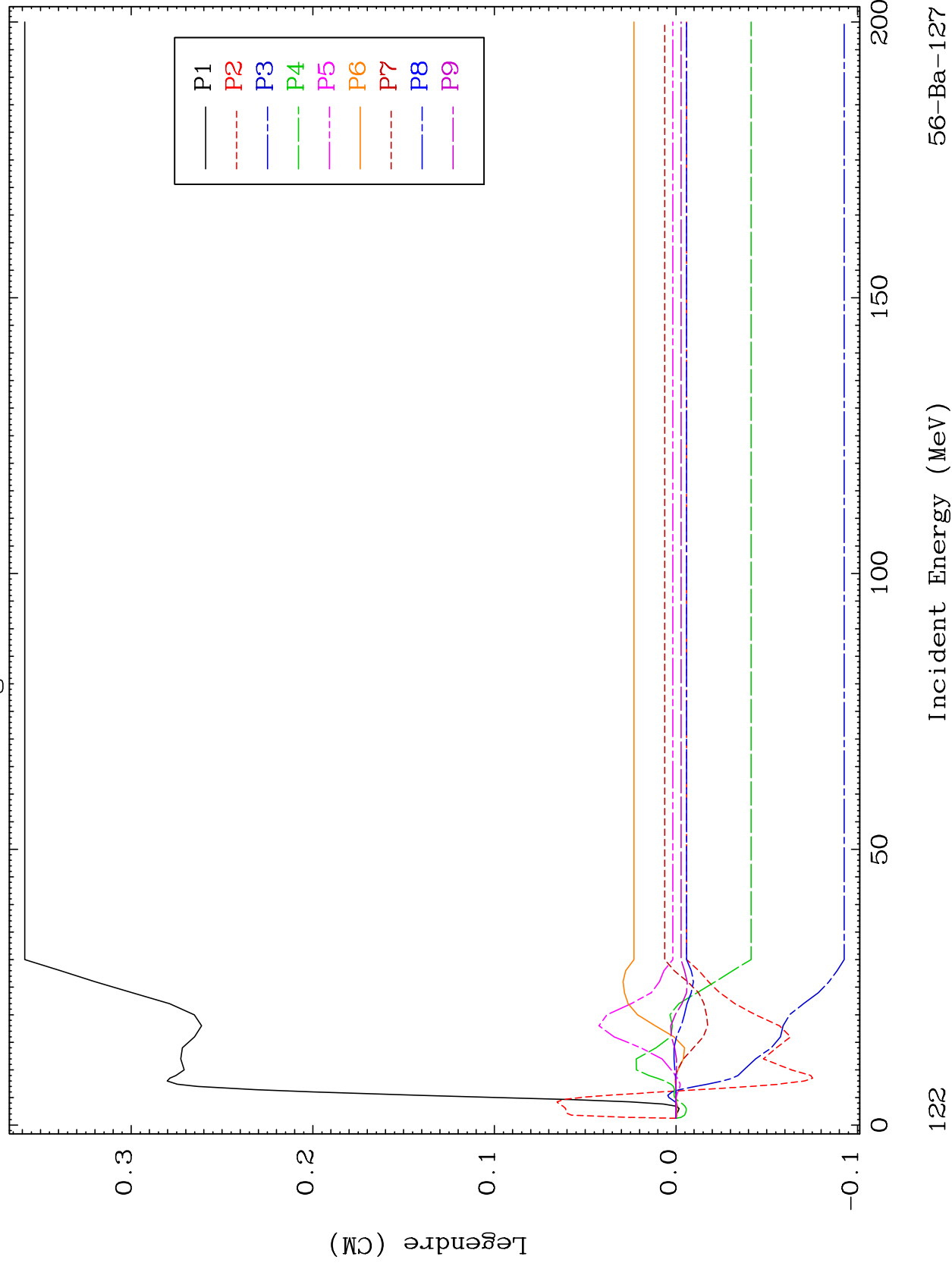


121

MAT 5616

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

56-Ba-127



56-Ba-127

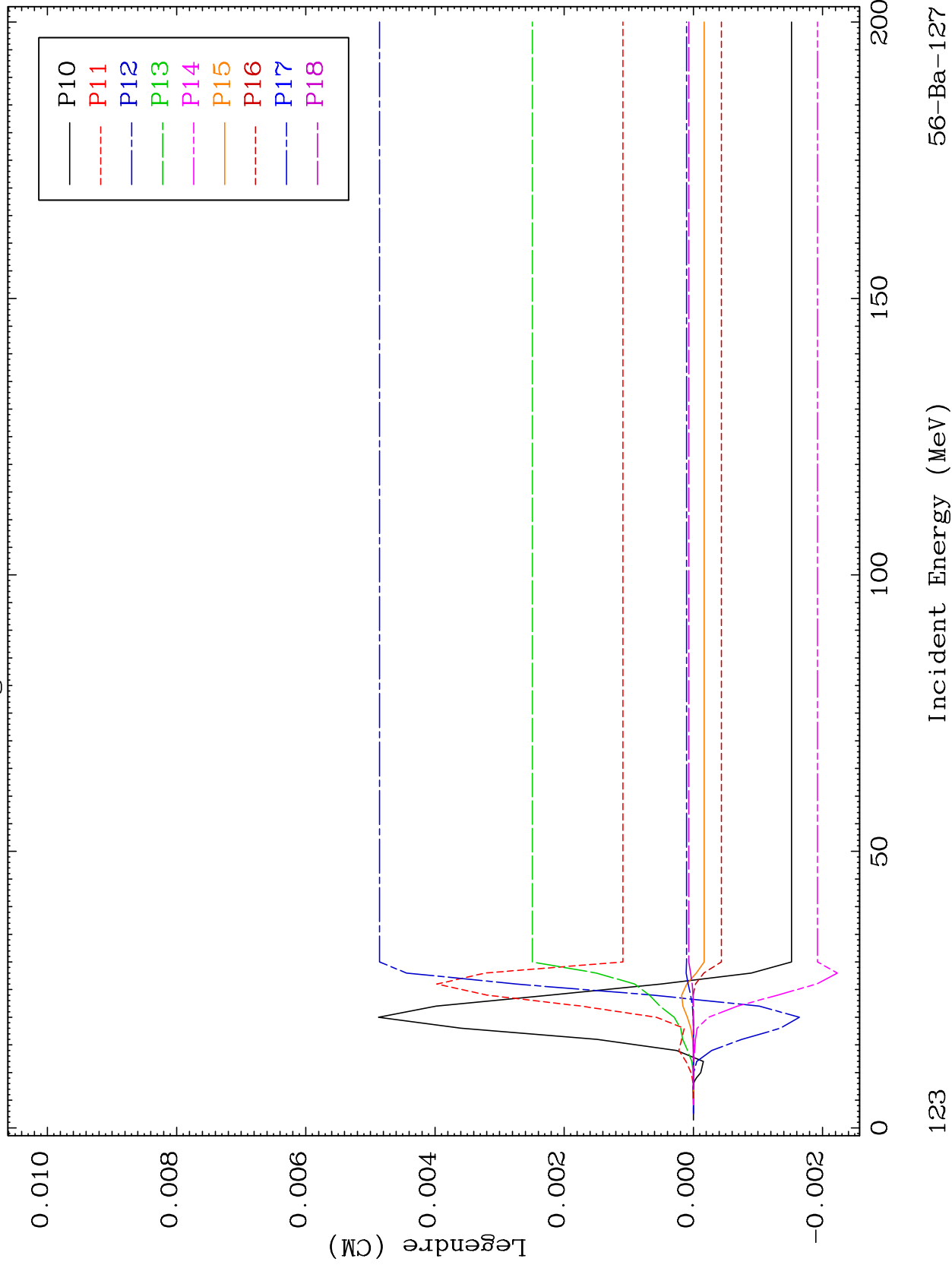
Incident Energy (MeV)

122

MAT 5616

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

56-Ba-127



123

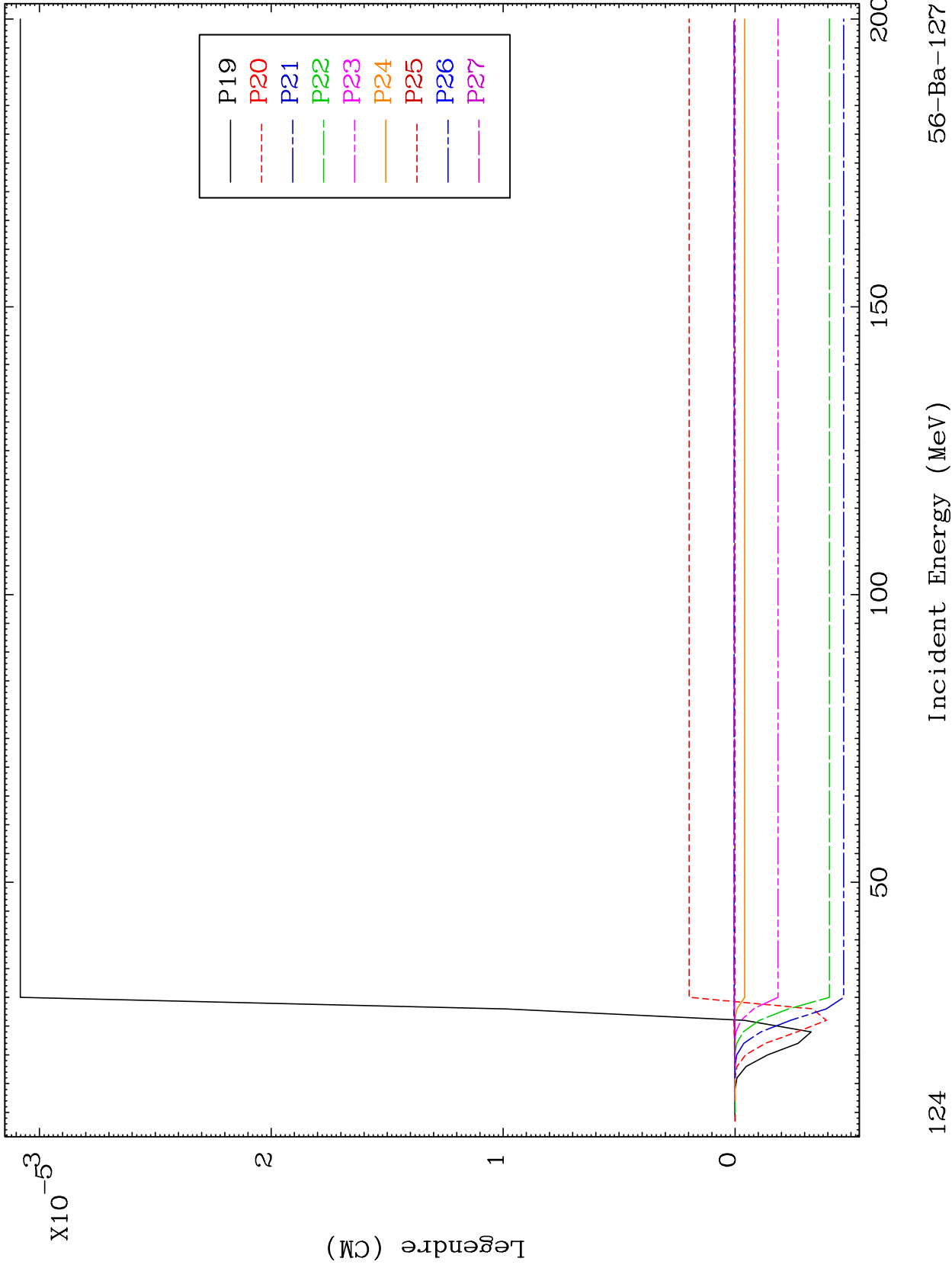
Incident Energy (MeV)

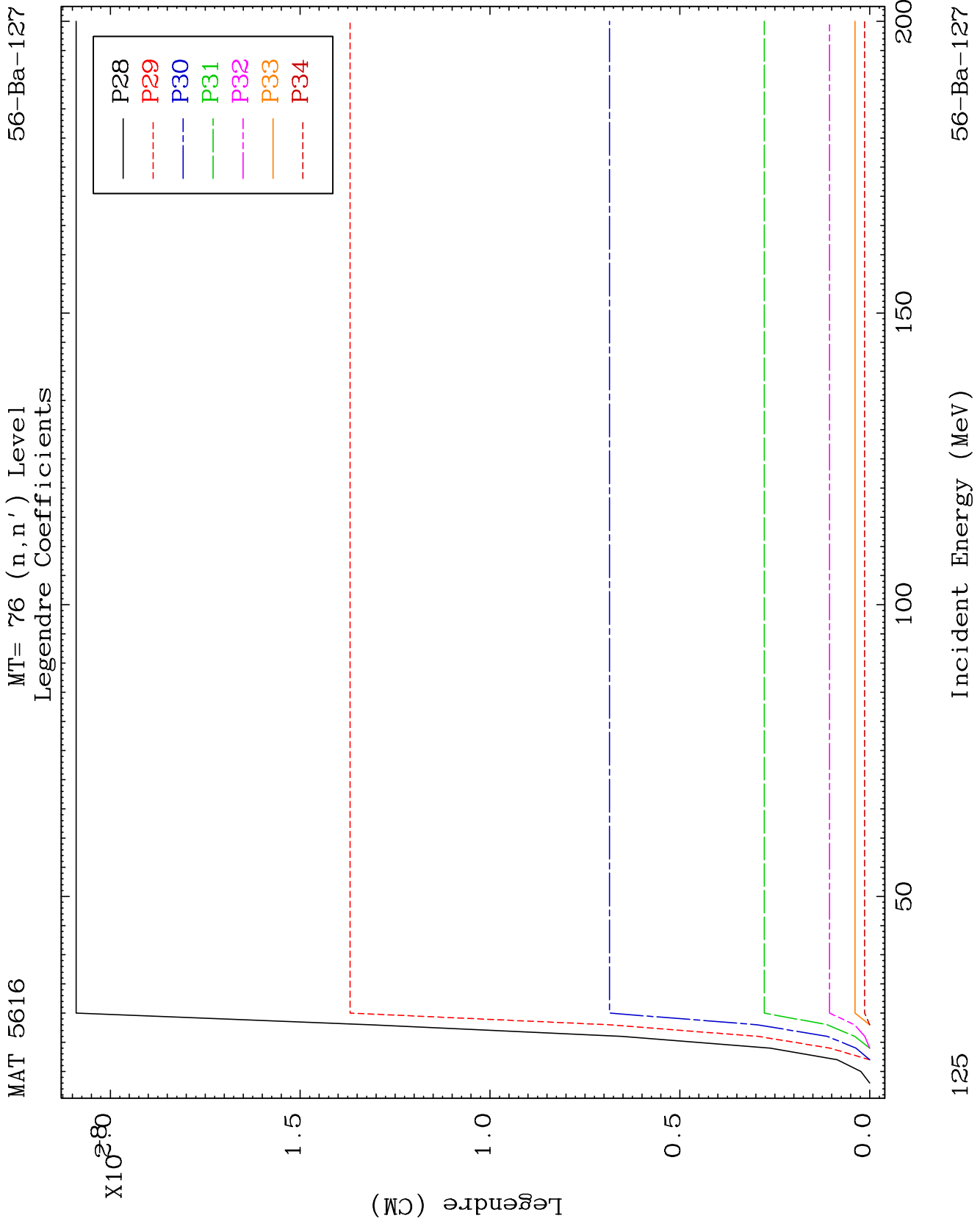
56-Ba-127

MAT 5616

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

56-Ba-127

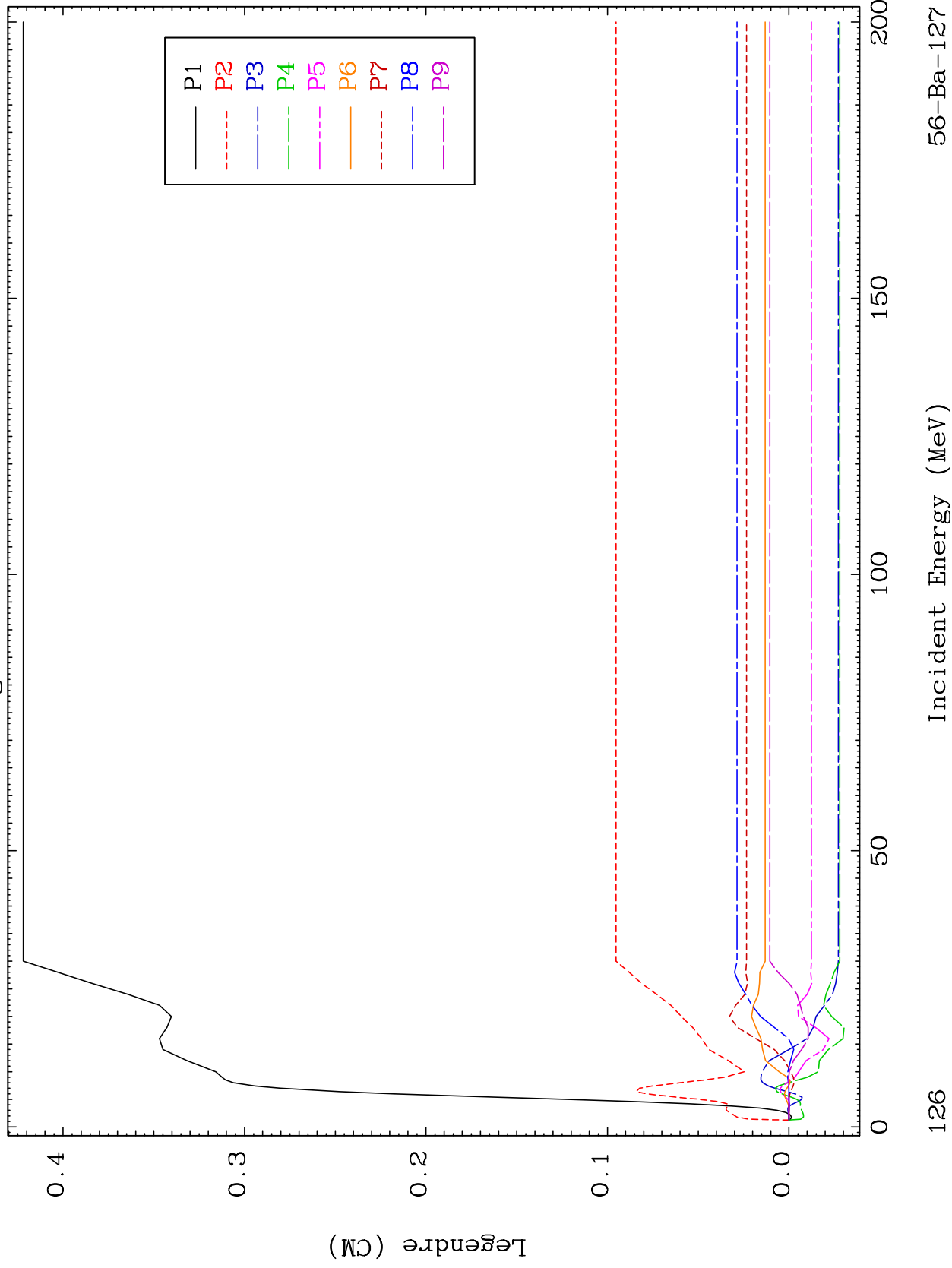




MAT 5616

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

56-Ba-127



56-Ba-127

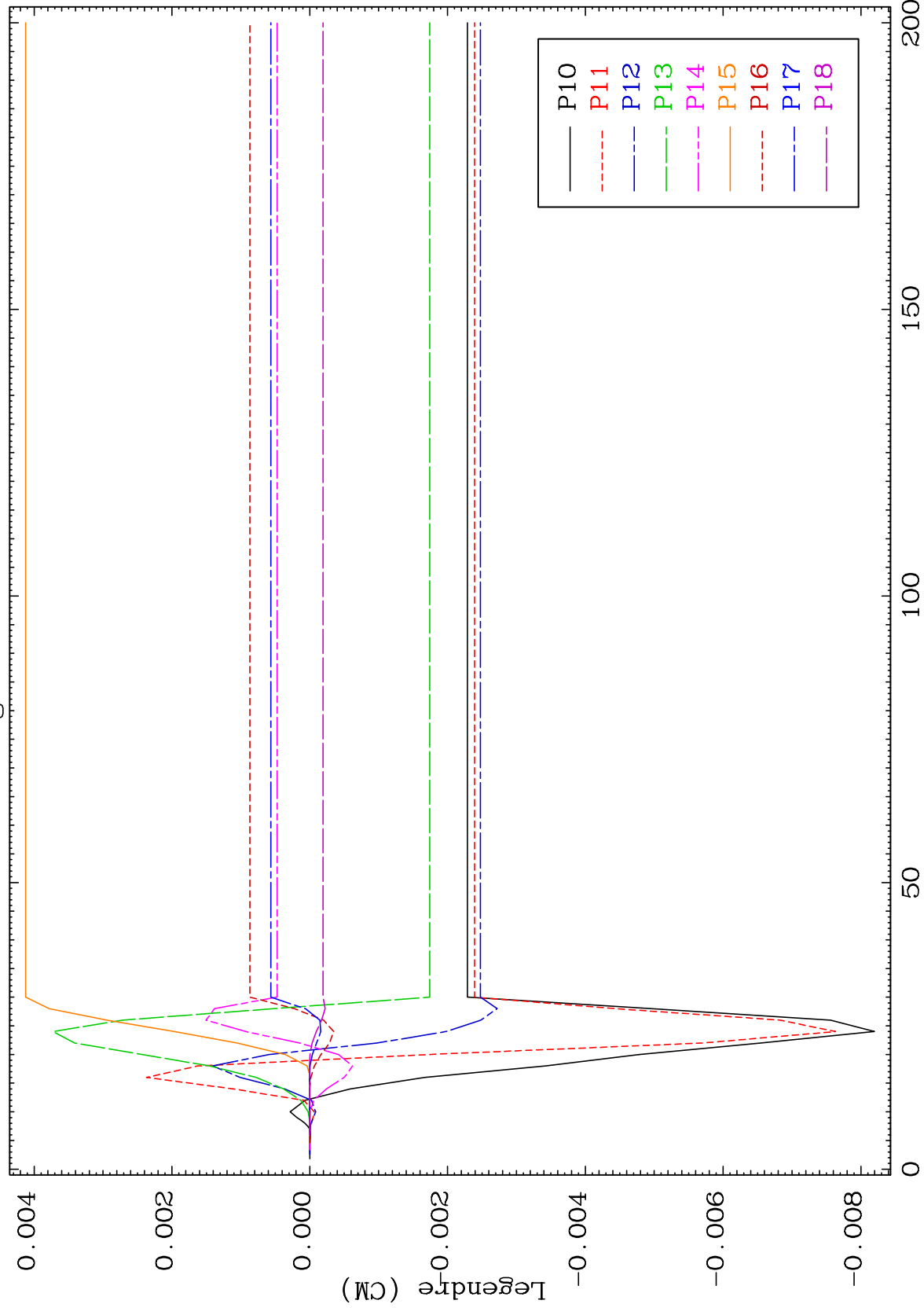
Incident Energy (MeV)

126

MAT 5616

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

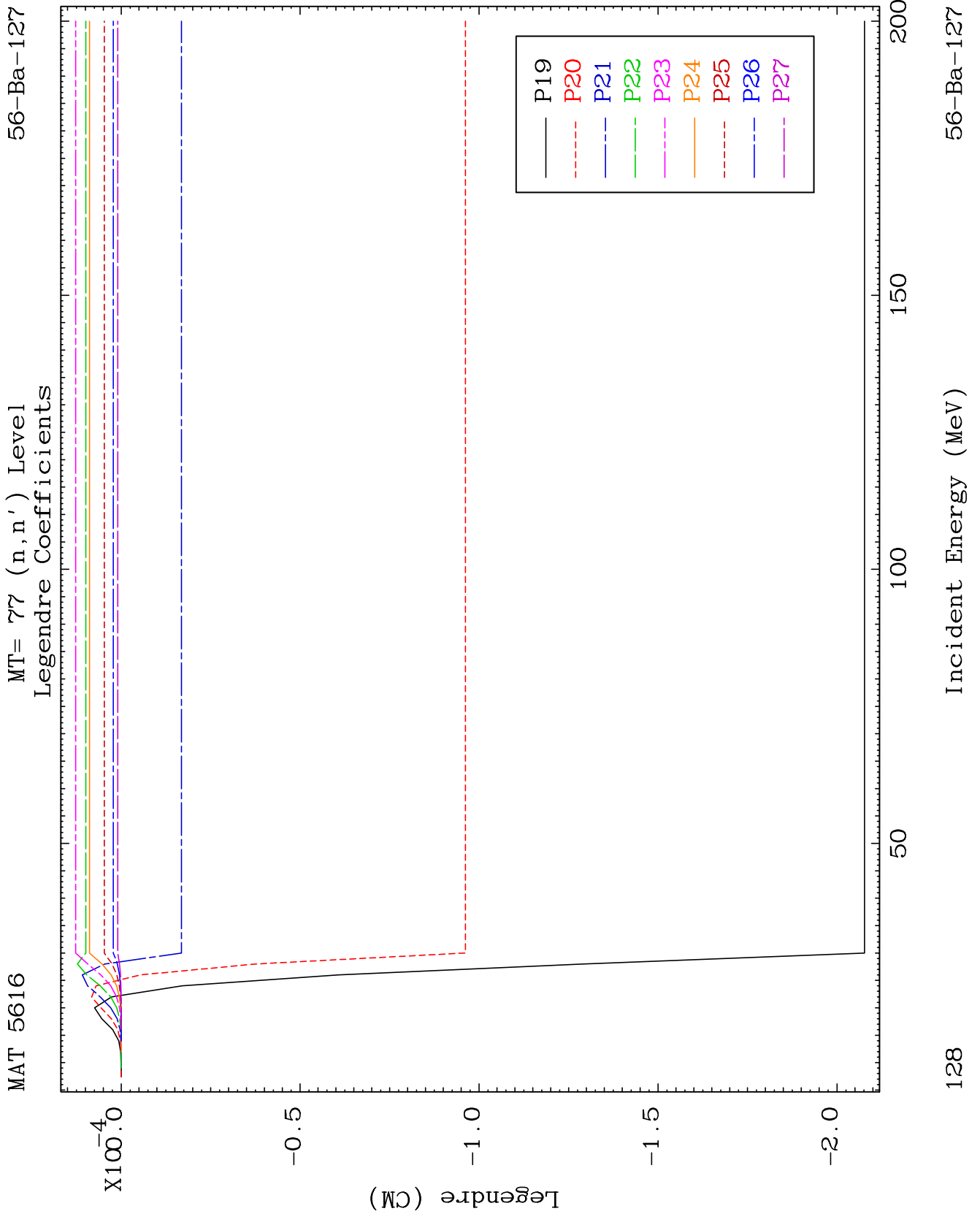
56-Ba-127



127

Incident Energy (MeV)

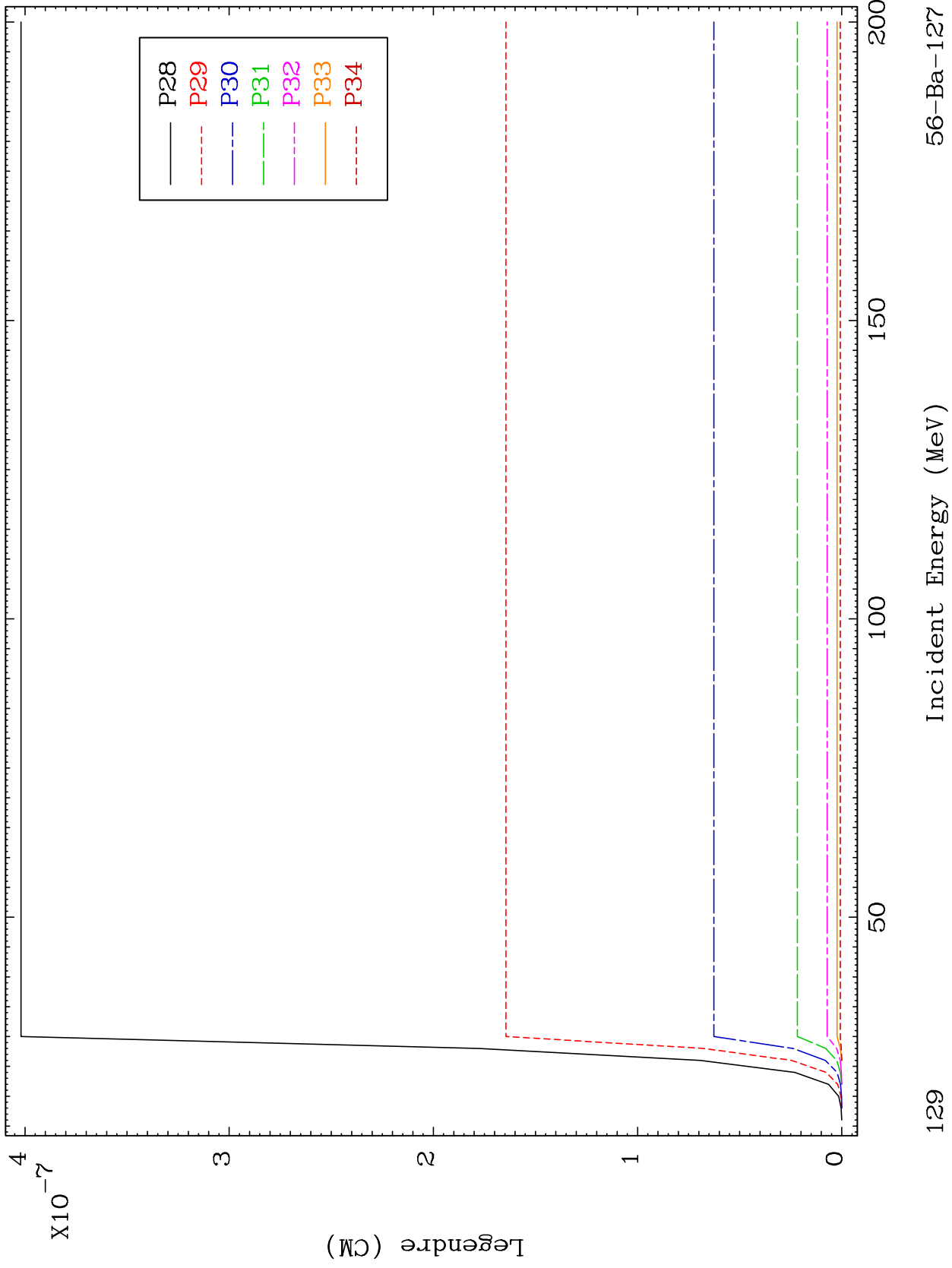
56-Ba-127



MAT 5616

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

56-Ba-127



129

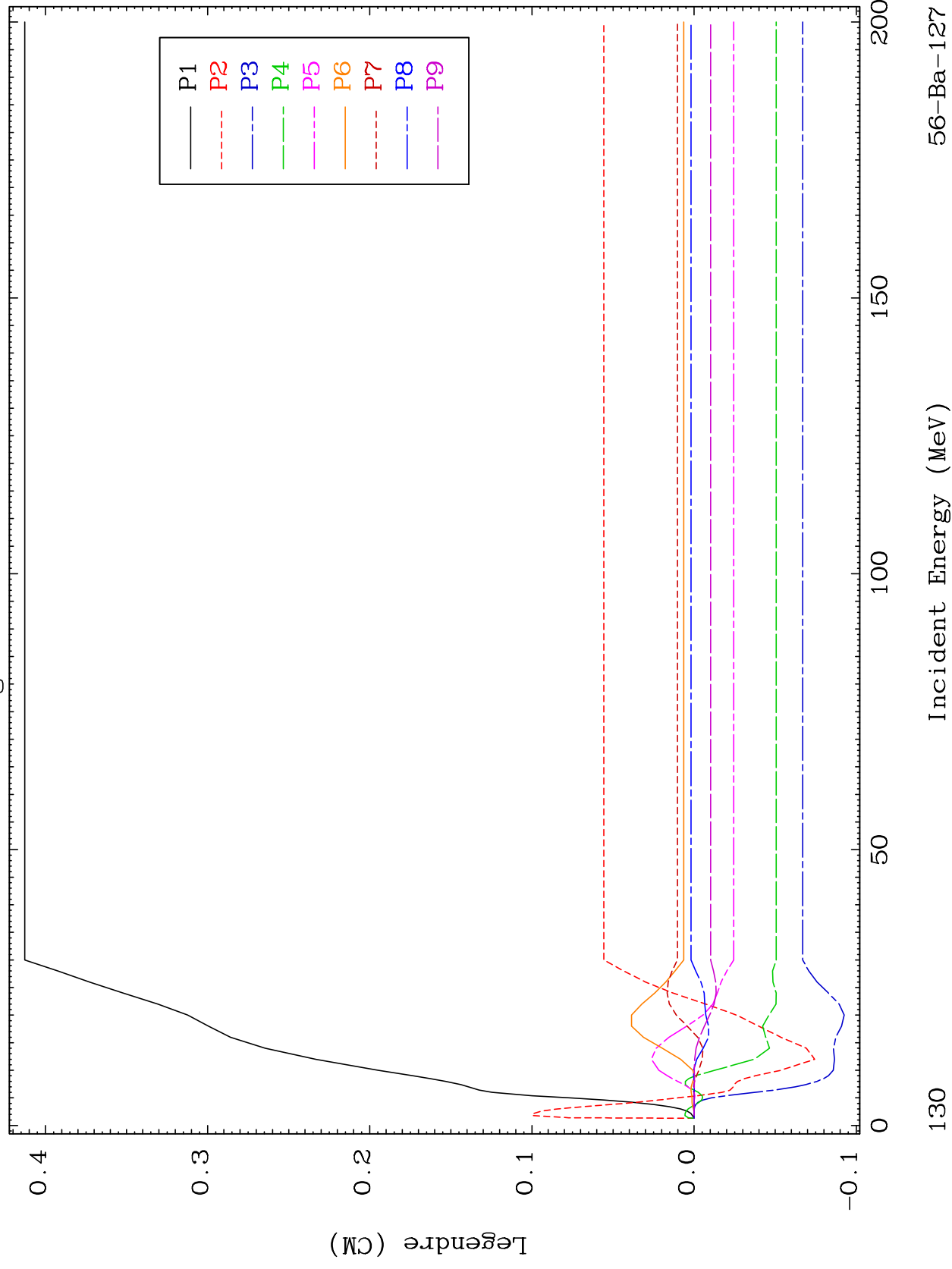
Incident Energy (MeV)

56-Ba-127

MAT 5616

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

56-Ba-127



56-Ba-127

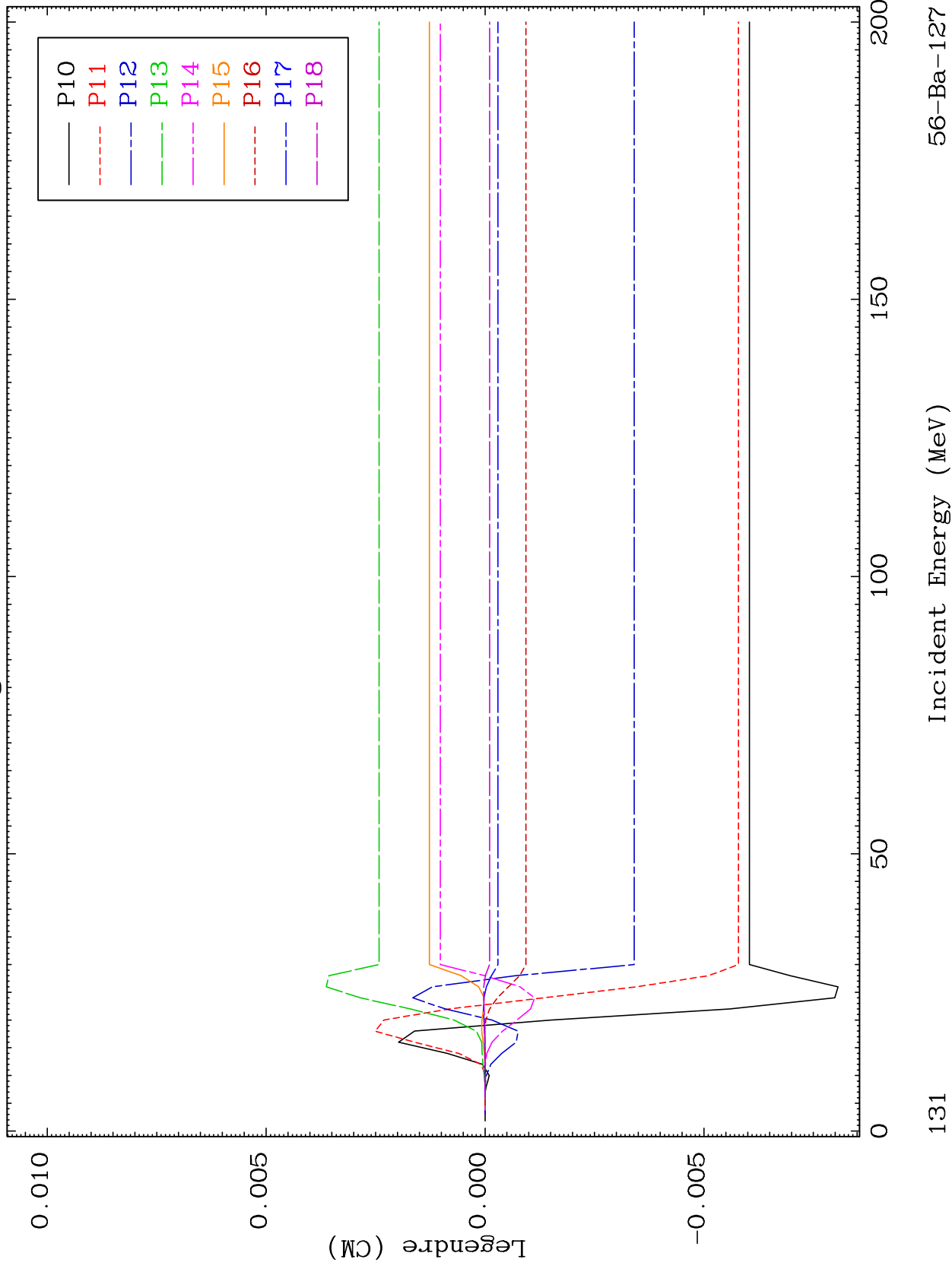
Incident Energy (MeV)

130

MAT 5616

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

56-Ba-127



131

Incident Energy (MeV)

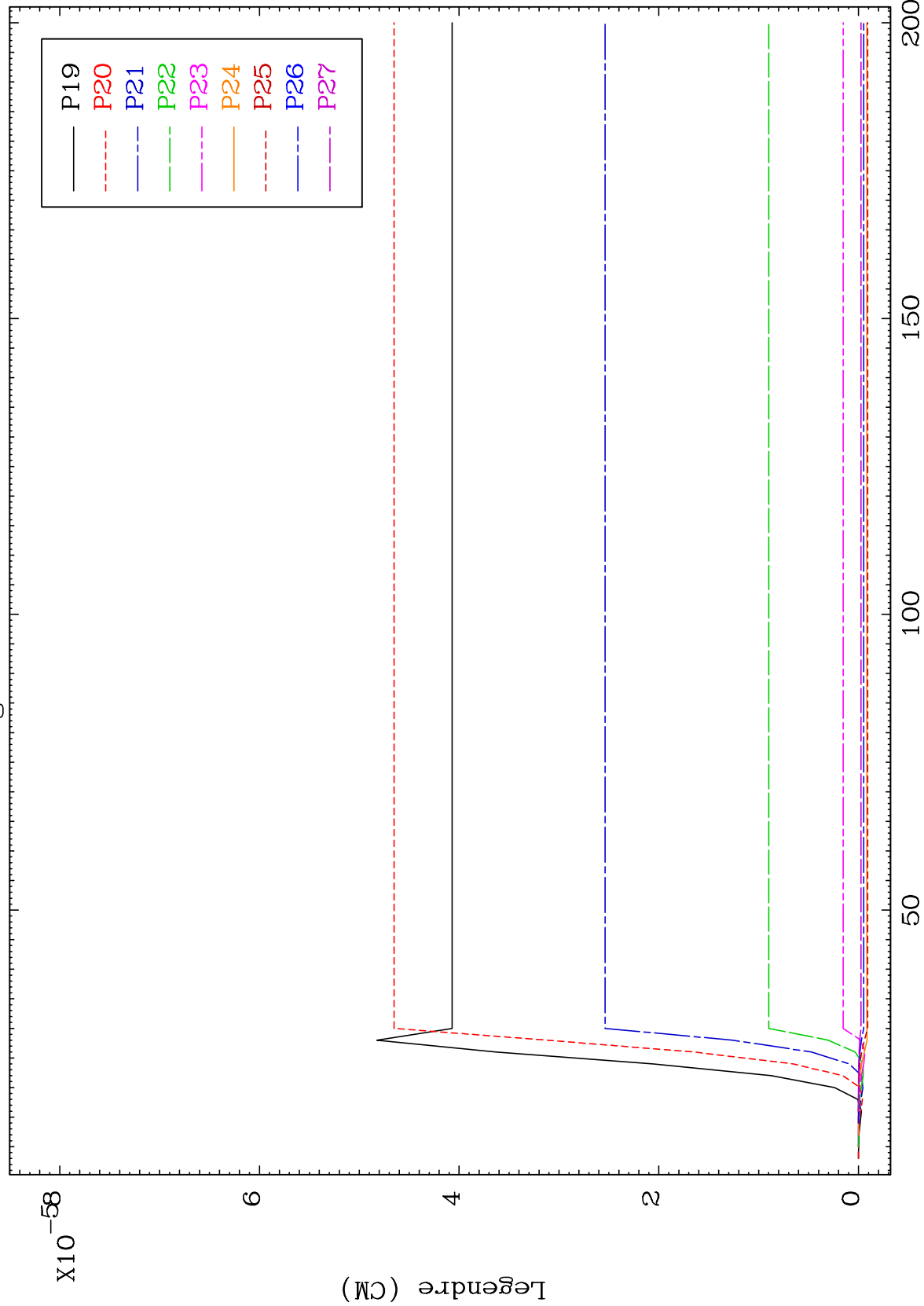
56-Ba-127

MAT 5616

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

56-Ba-127

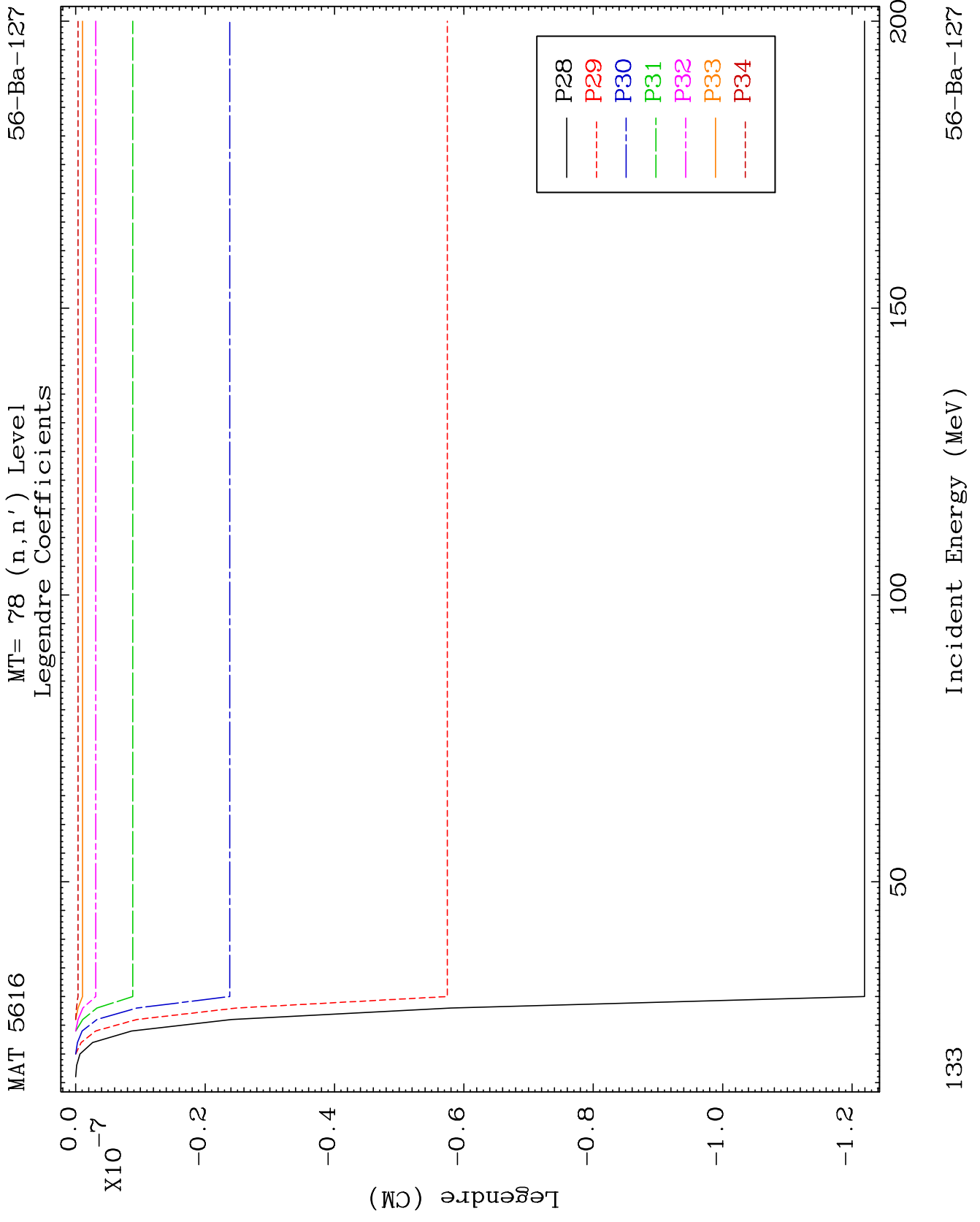
$\times 10^{-58}$

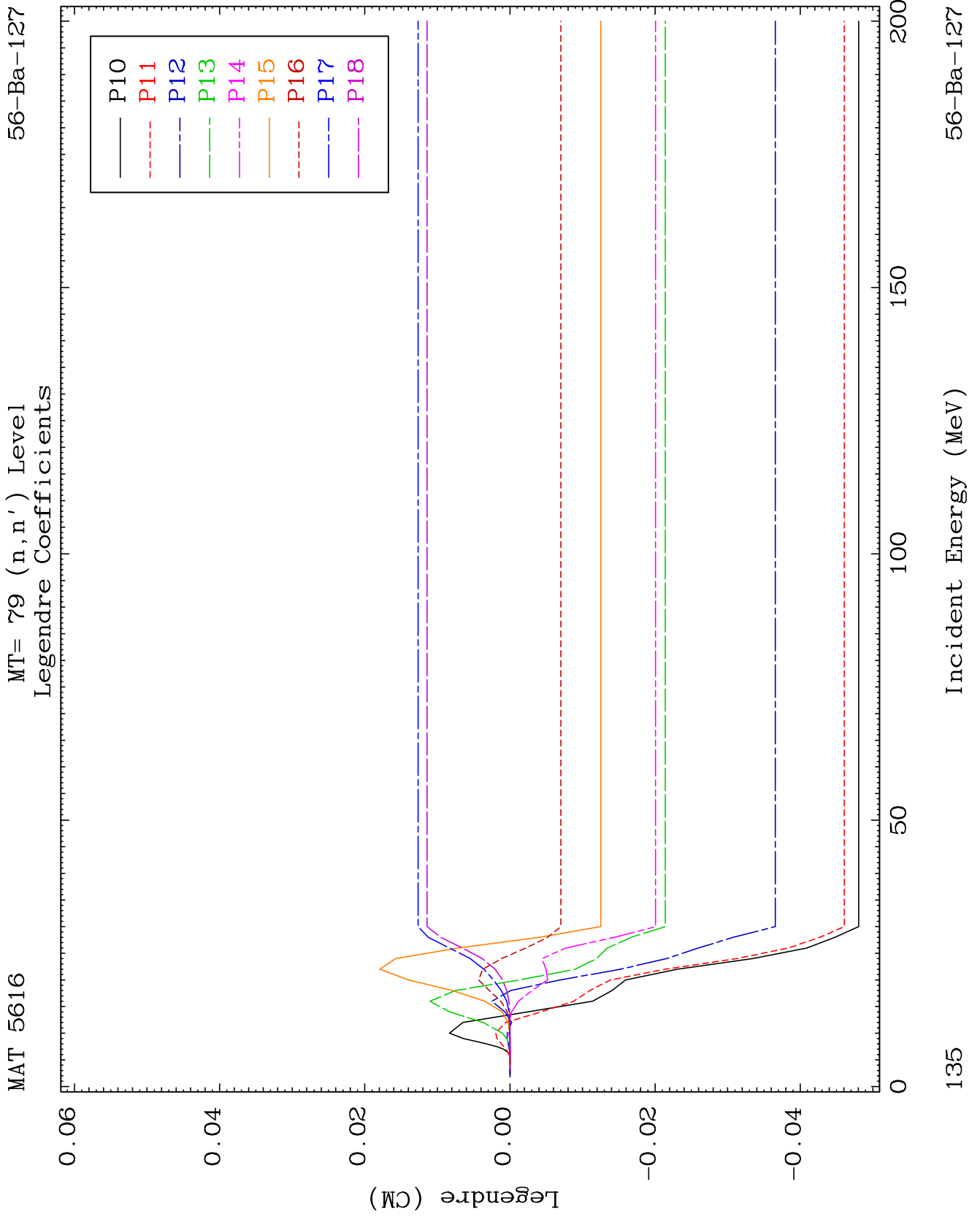


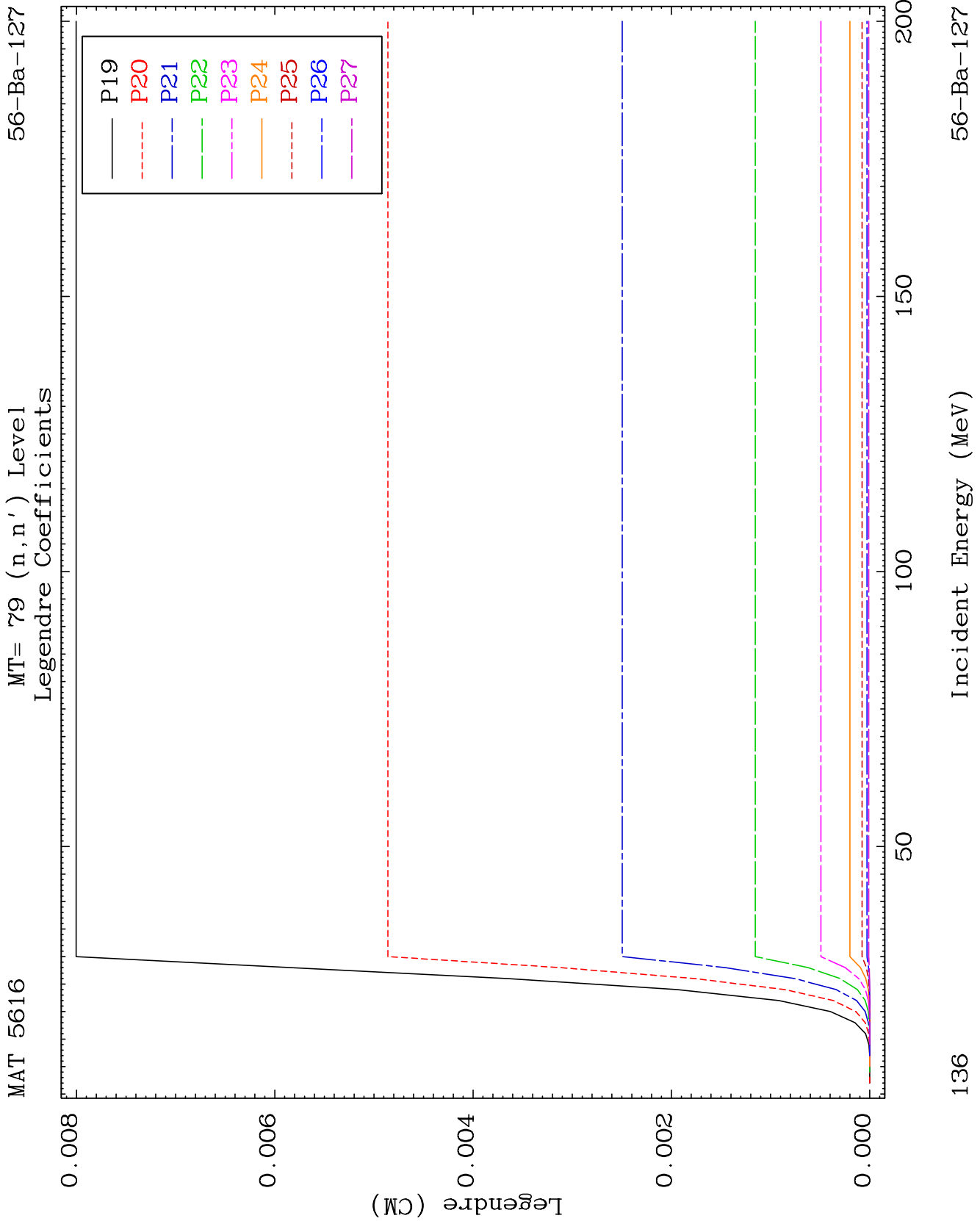
132

Incident Energy (MeV)

56-Ba-127



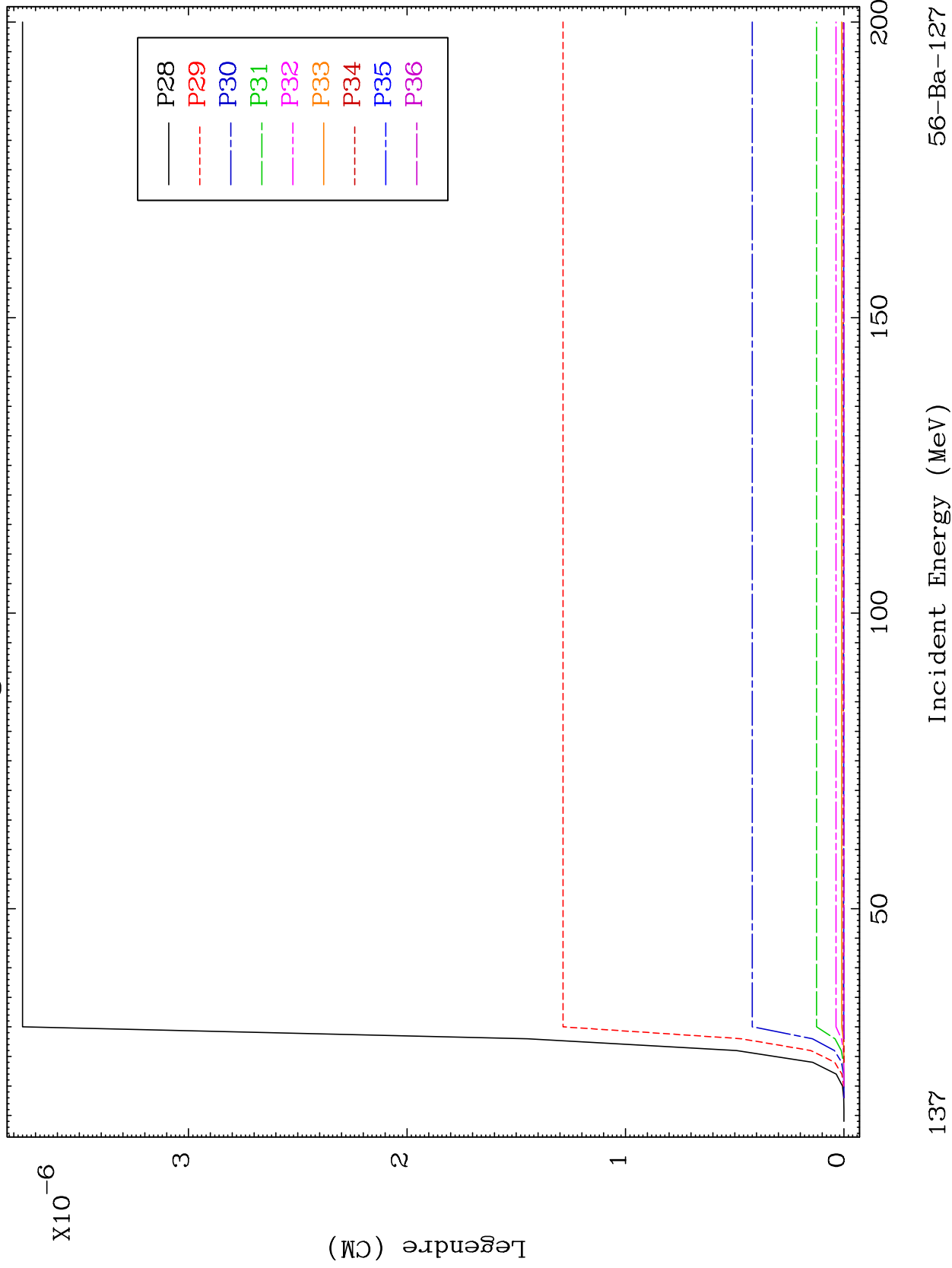




MAT 5616

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

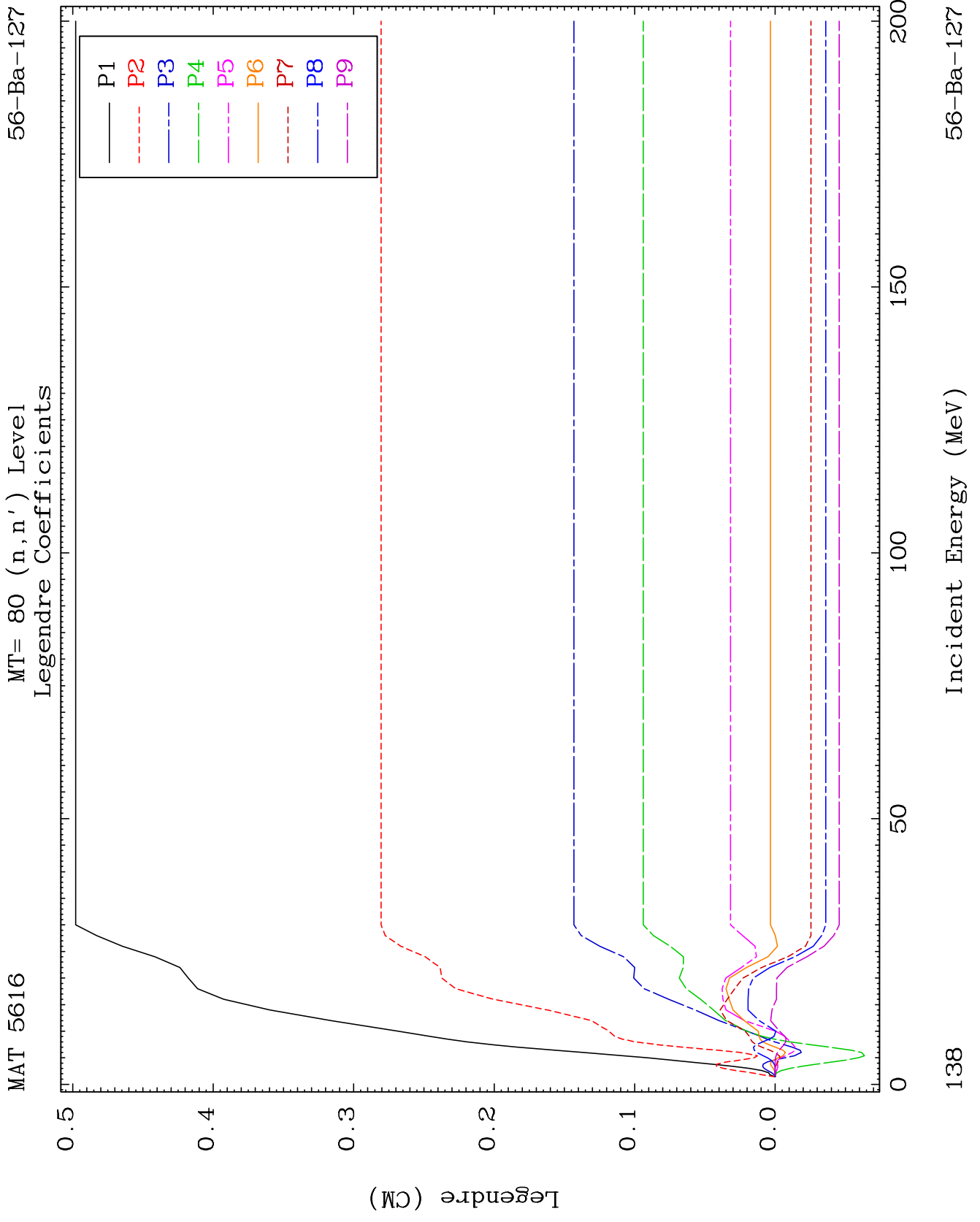
56-Ba-127

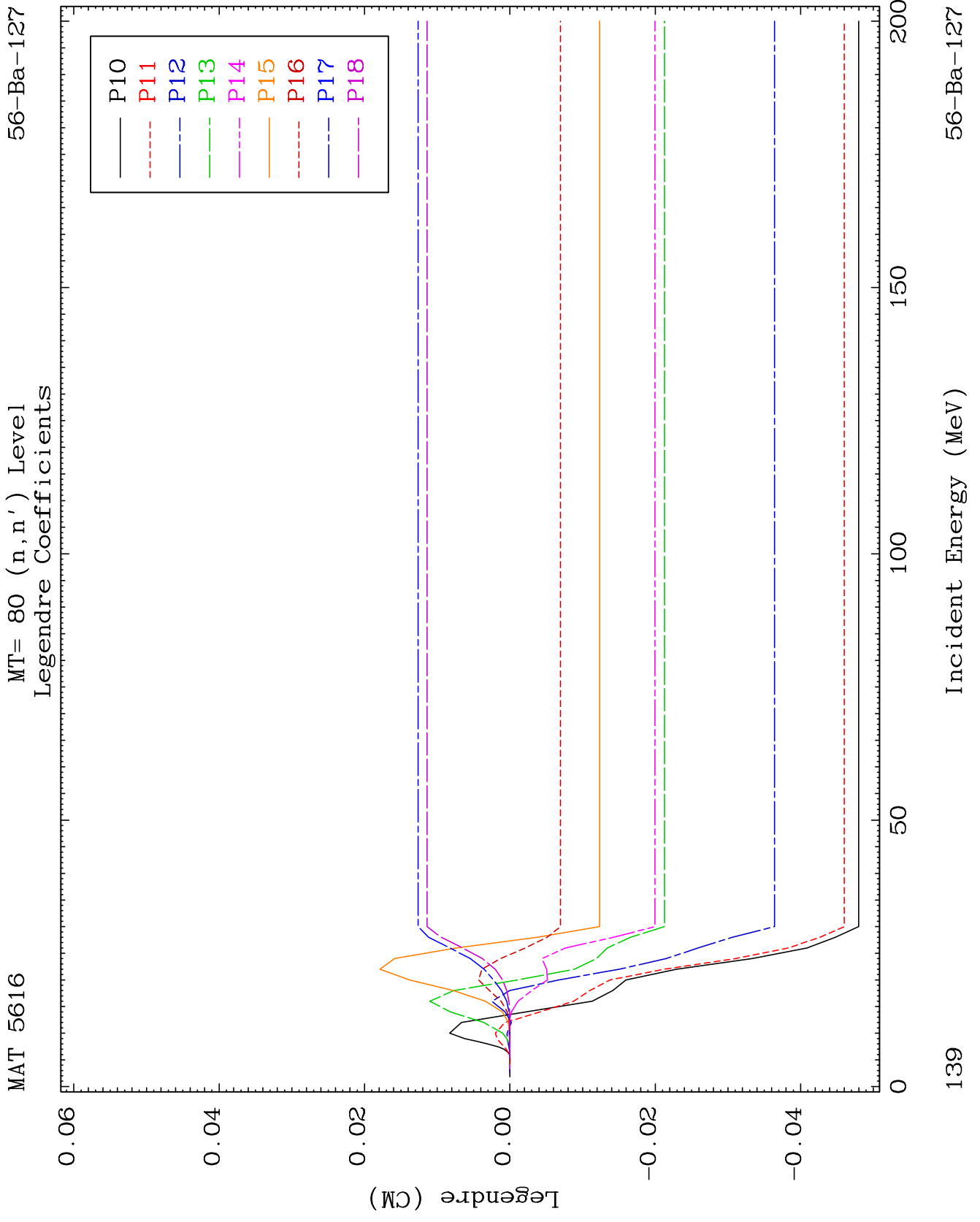


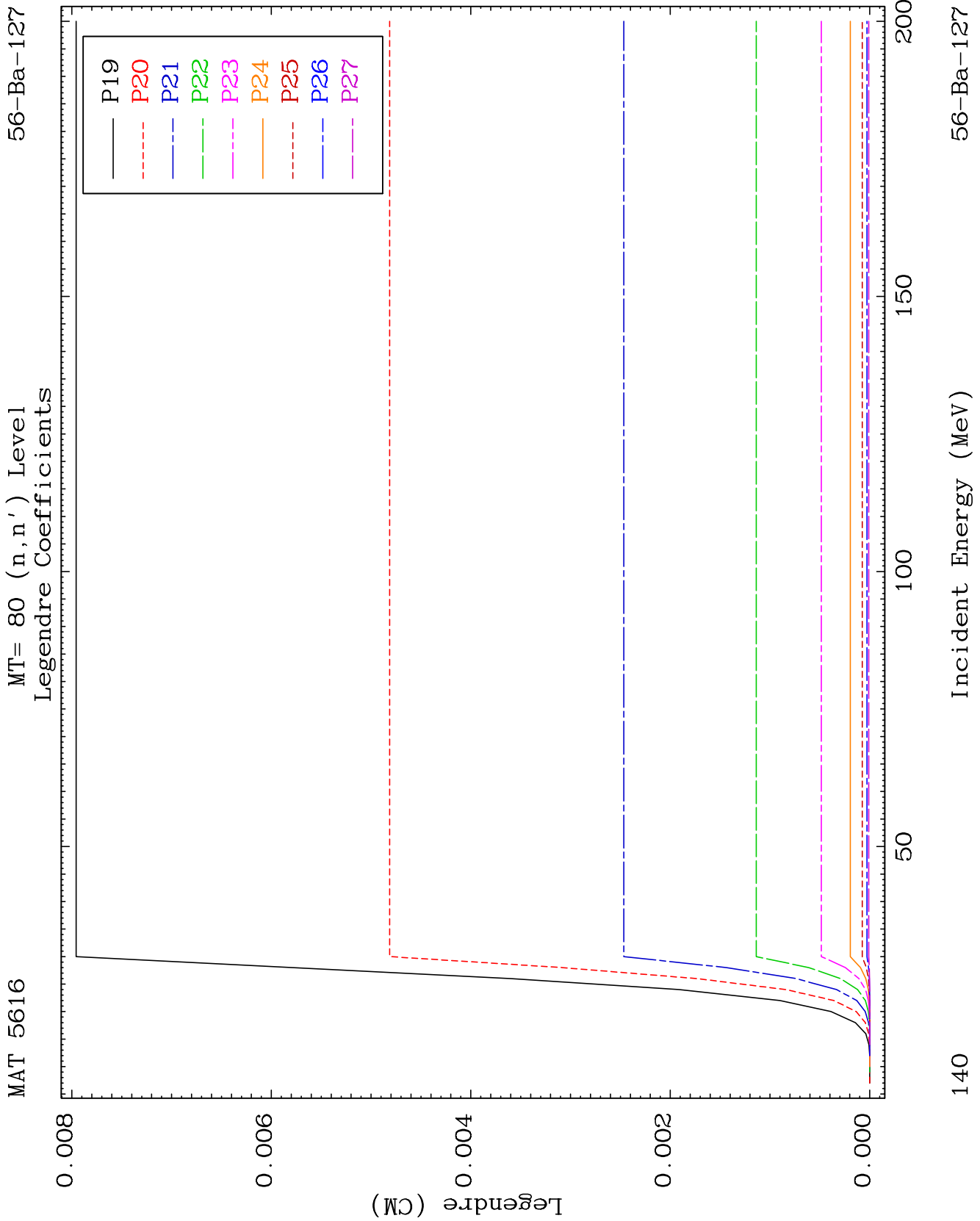
137

Incident Energy (MeV)

56-Ba-127



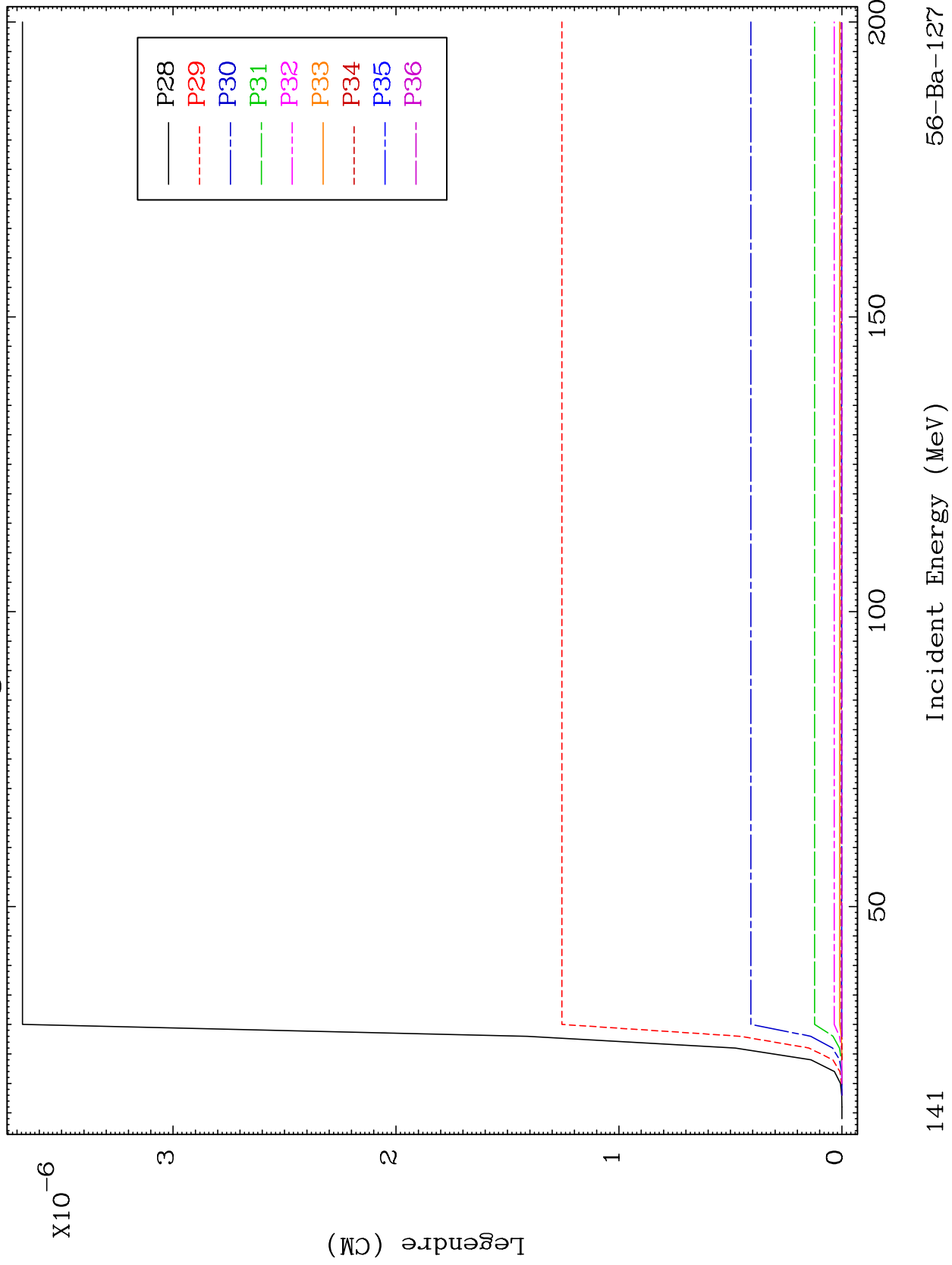




MAT 5616

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

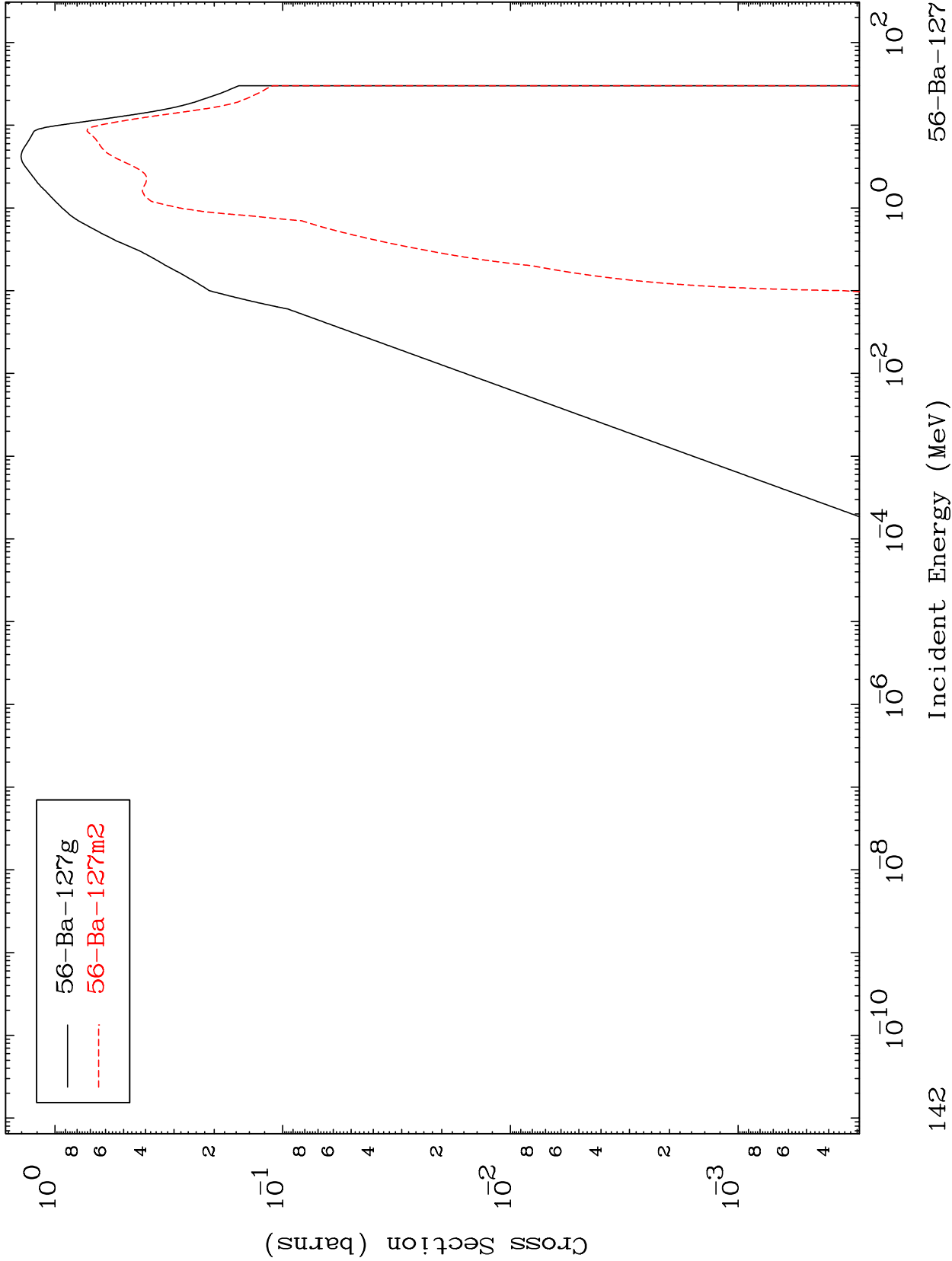
56-Ba-127



MAT 5616

Inelastic
Radionuclide Production Cross Section

56-Ba-127

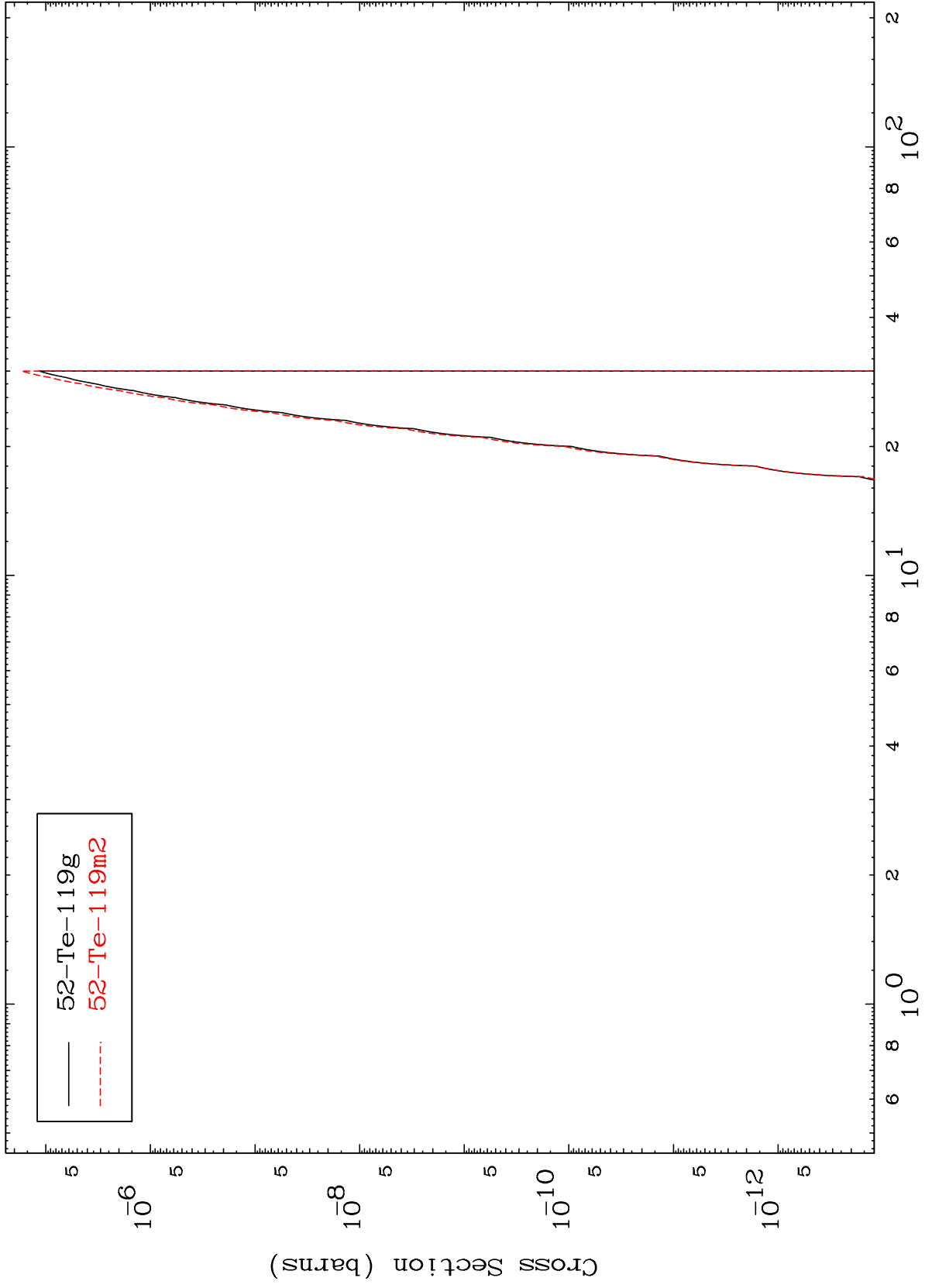


MAT 5616

(n,n') 2α

56-Ba-127

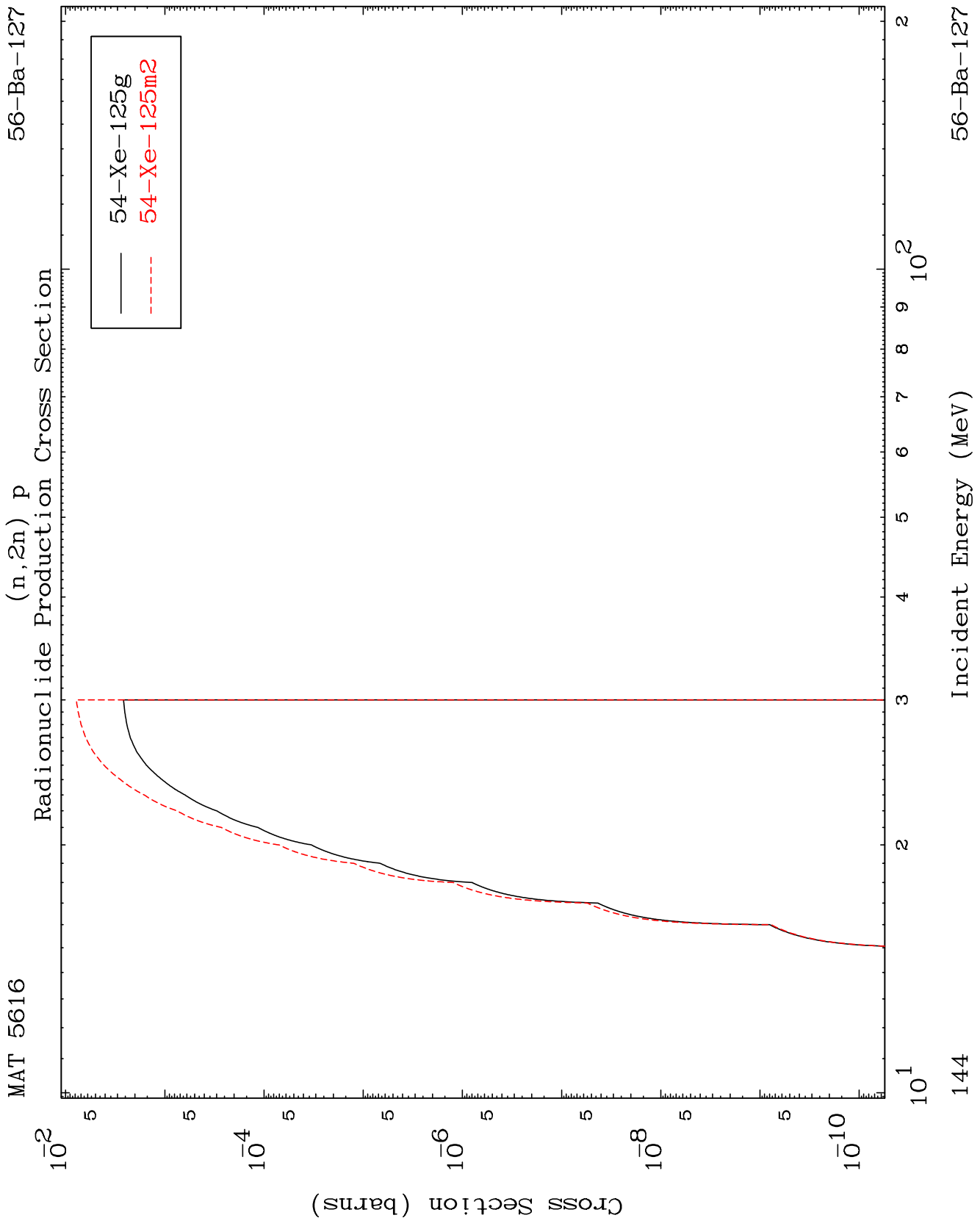
Radionuclide Production Cross Section



143

Incident Energy (MeV)

56-Ba-127

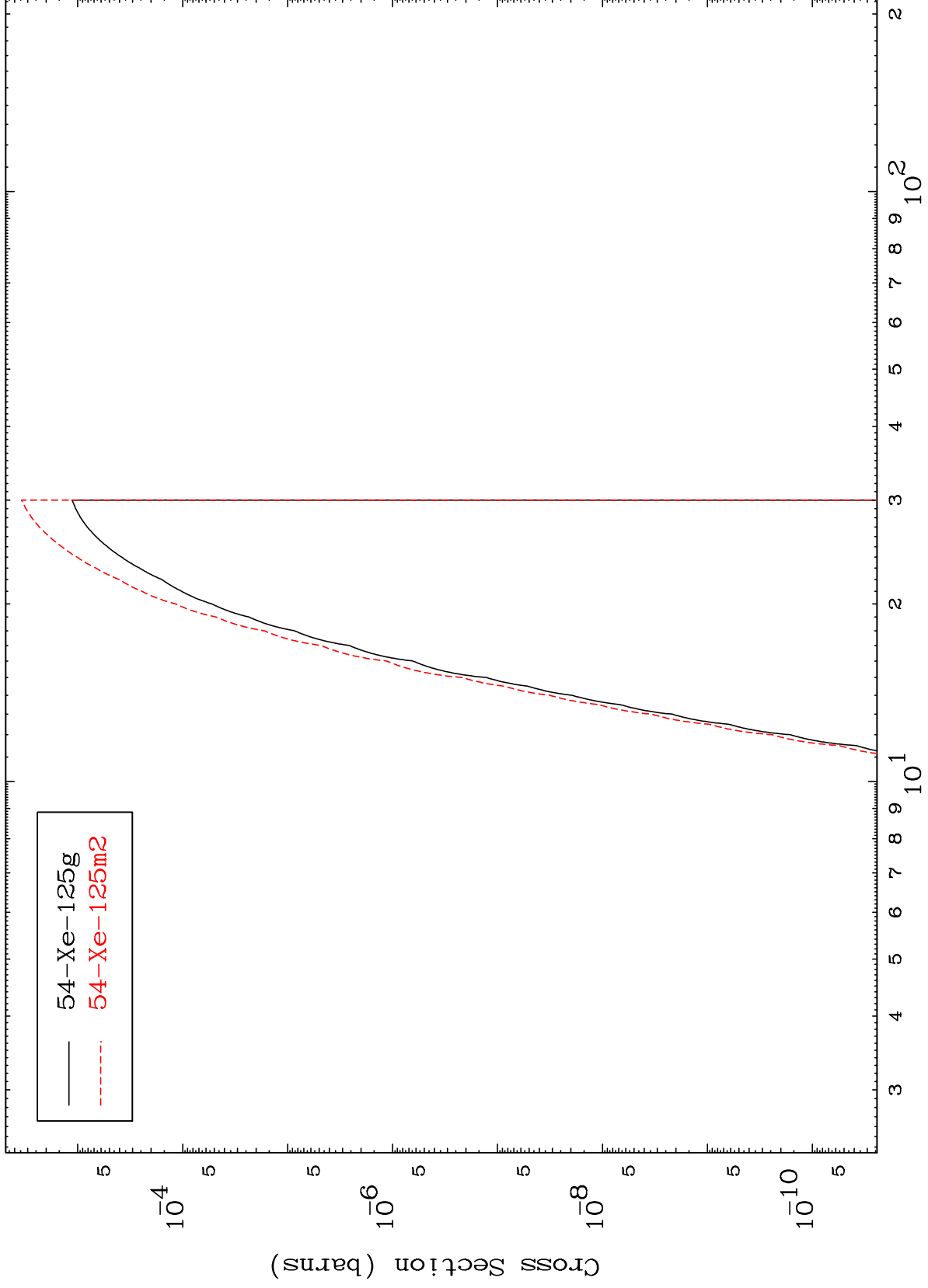


MAT 5616

(n,He-3)

56-Ba-127

Radionuclide Production Cross Section



145

Incident Energy (MeV)

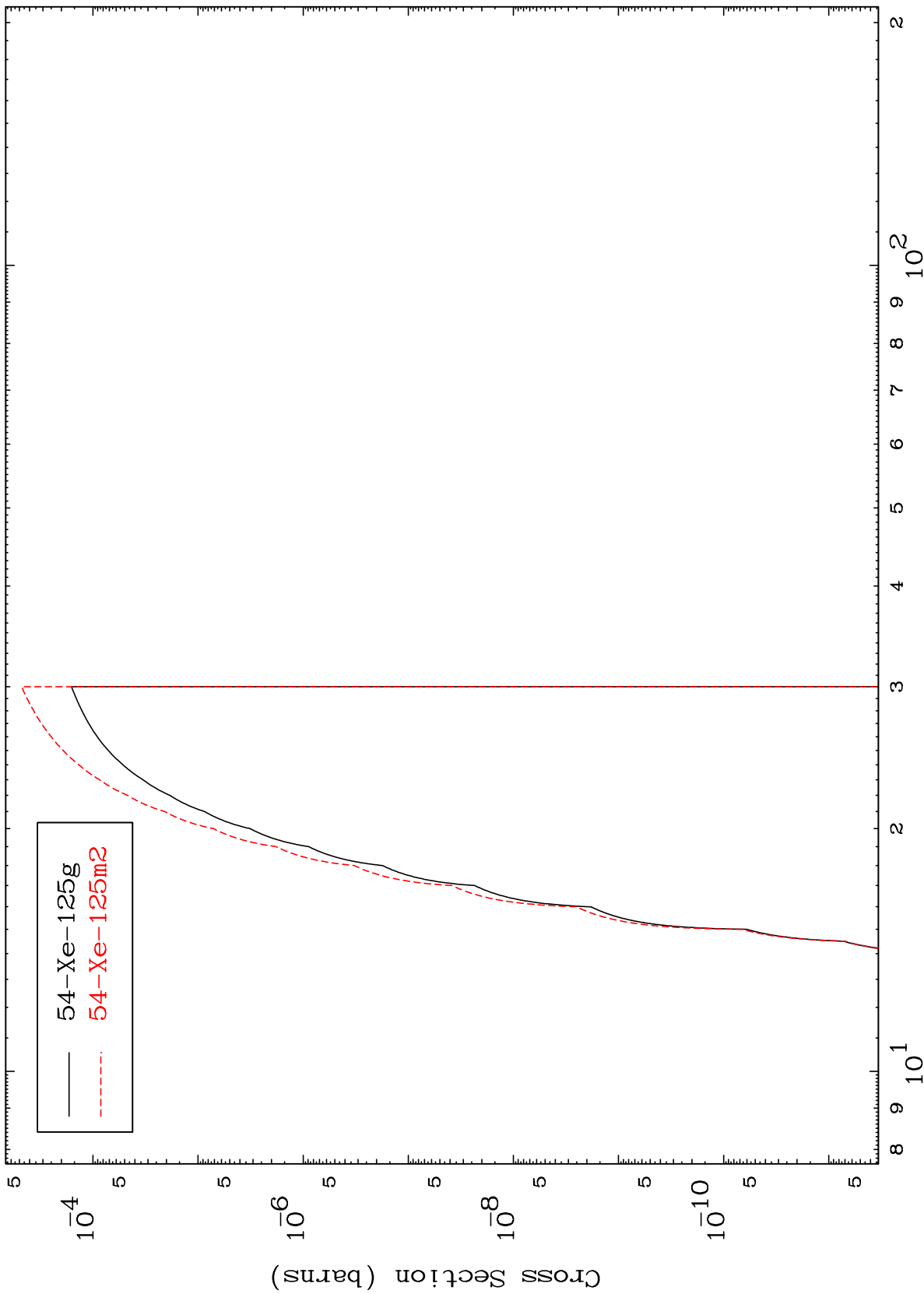
56-Ba-127

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Radionuclide Production Cross Section



54-Xe-125g
54-Xe-125m2