

Program EVALPLOT
(Version 2021-1)

by

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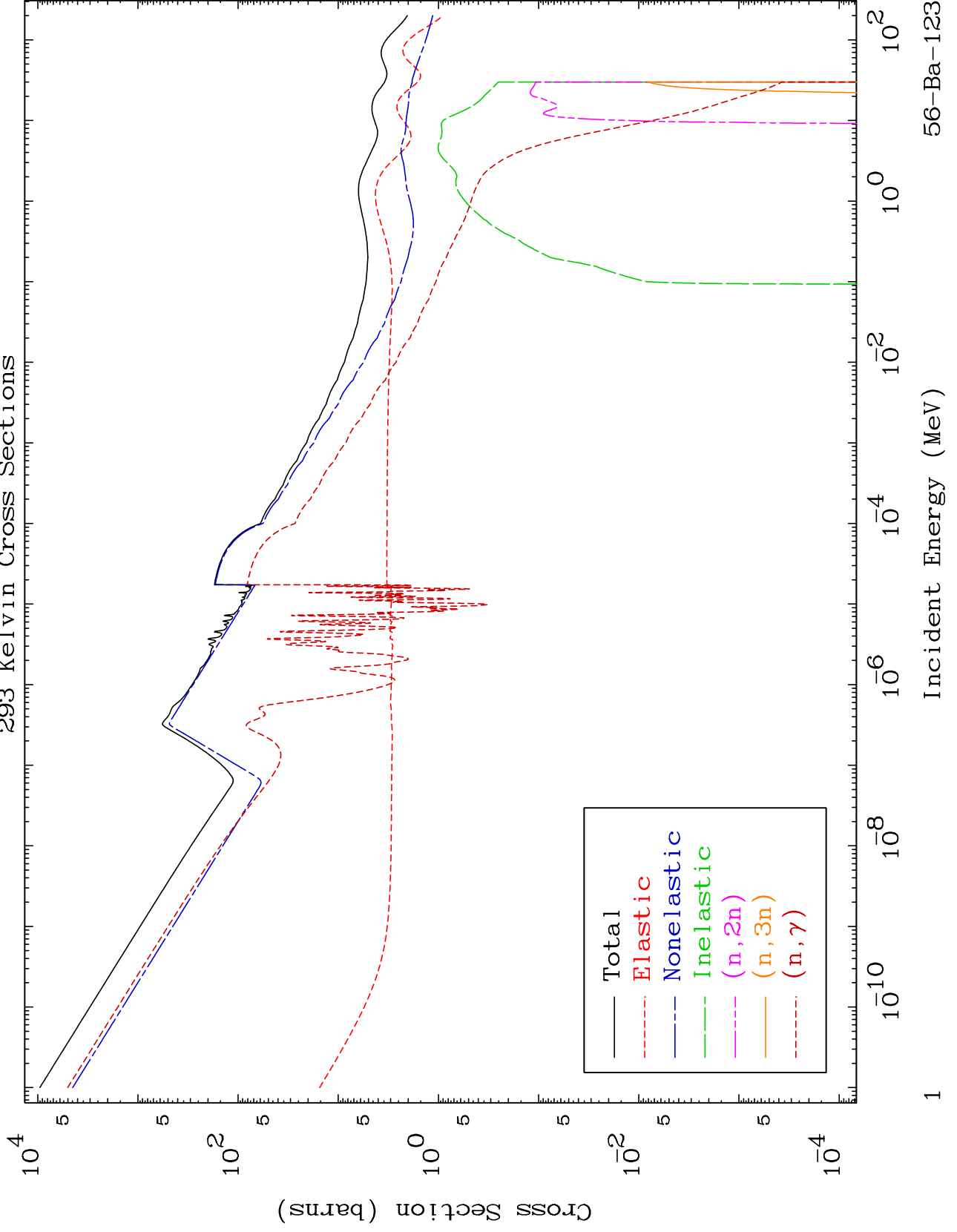
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Press Mouse Button to Start

MAT 5604

Neutron Major
293 Kelvin Cross Sections

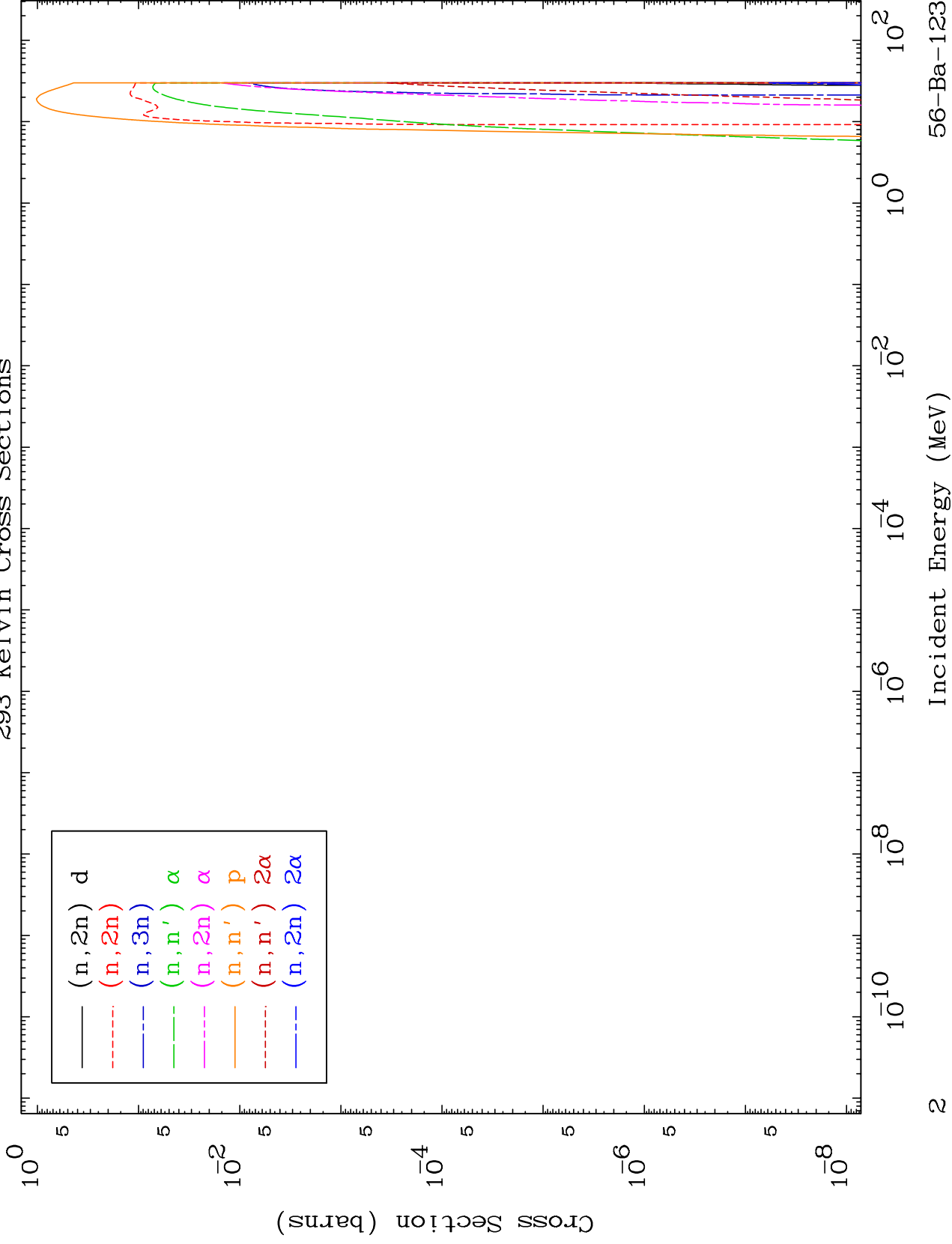
56-Ba-123



MAT 5604

Neutron Absorption
293 Kelvin Cross Sections

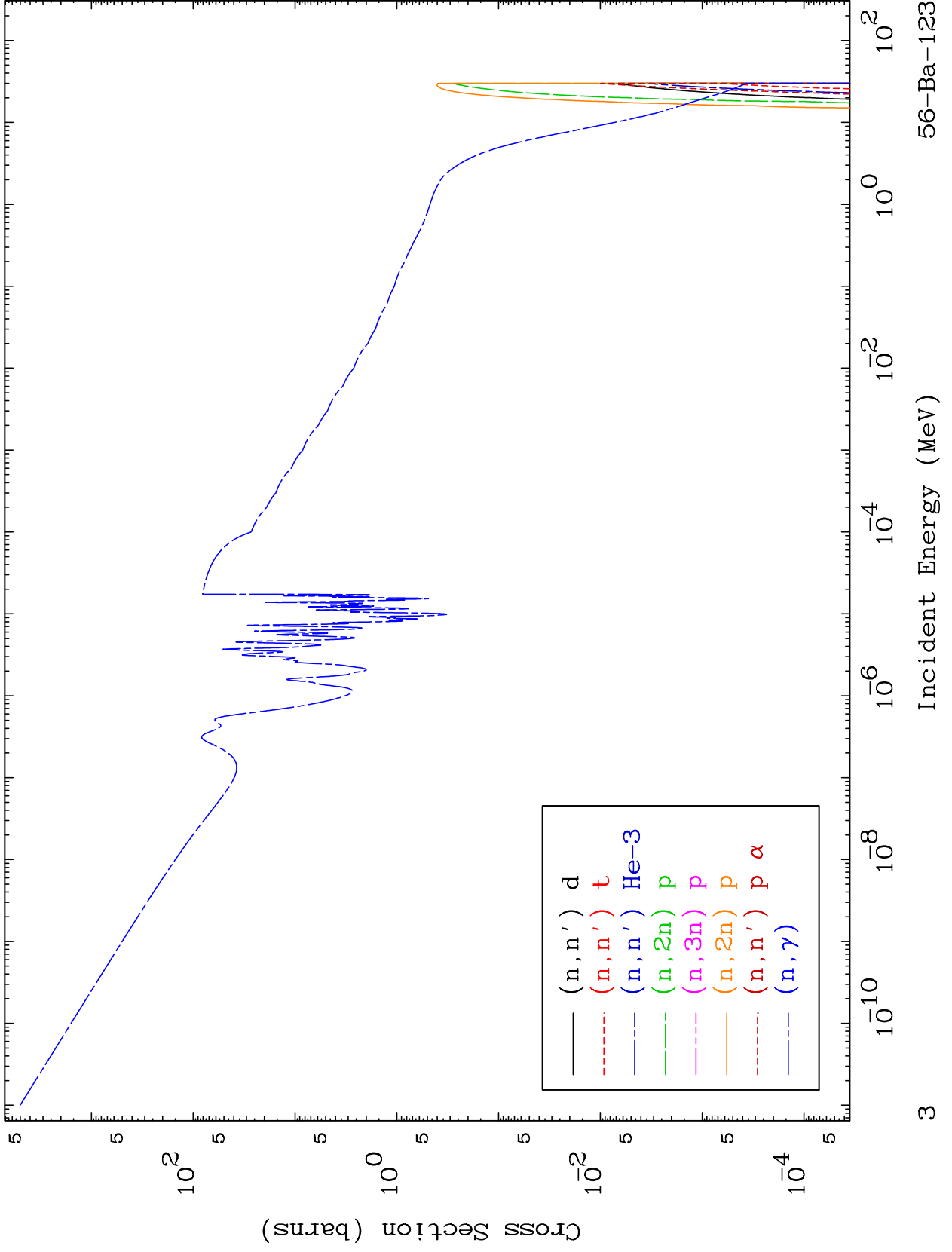
56-Ba-123



MAT 5604

Neutron Absorption
293 Kelvin Cross Sections

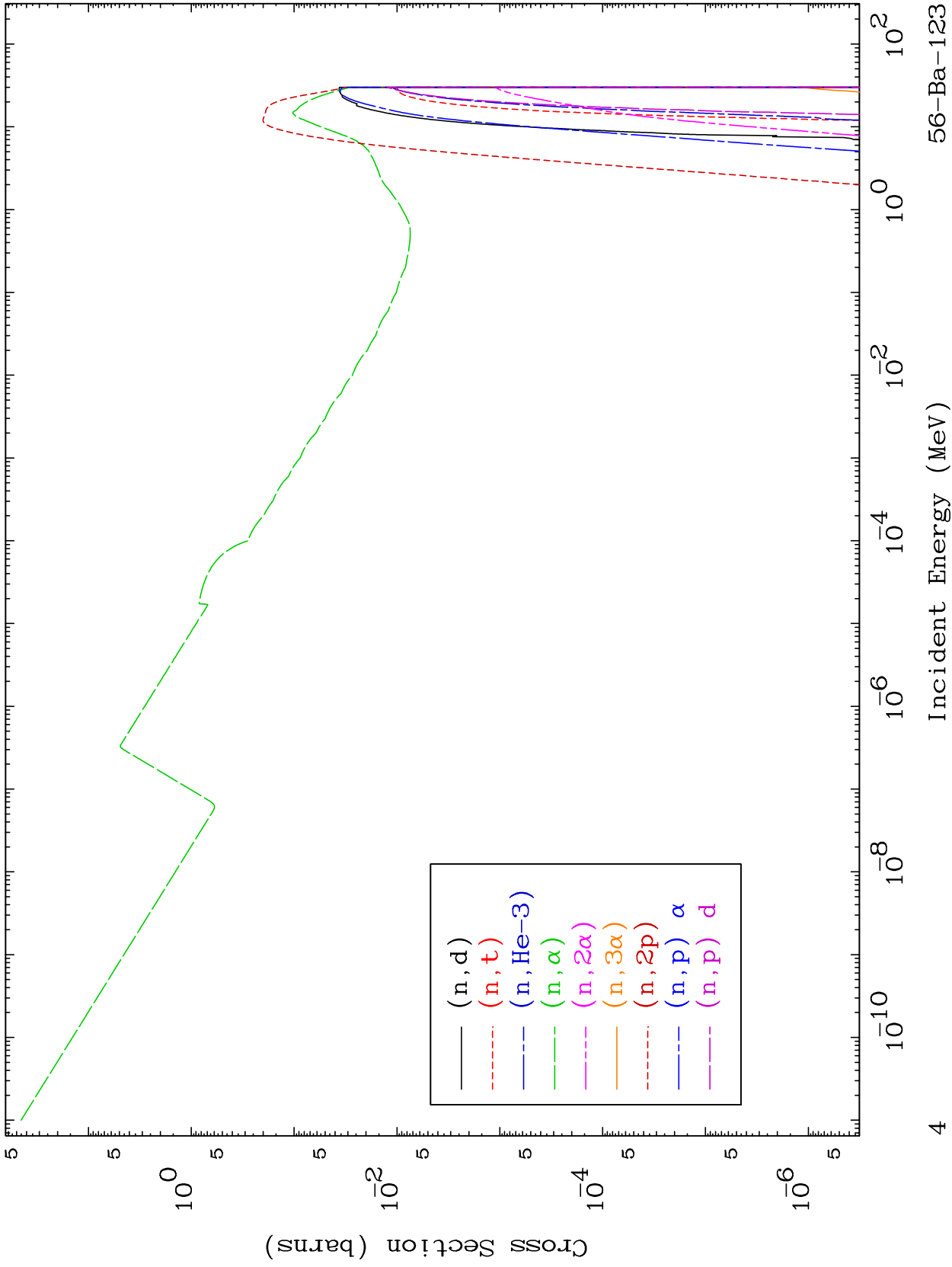
56-Ba-123



MAT 5604

Neutron Absorption
293 Kelvin Cross Sections

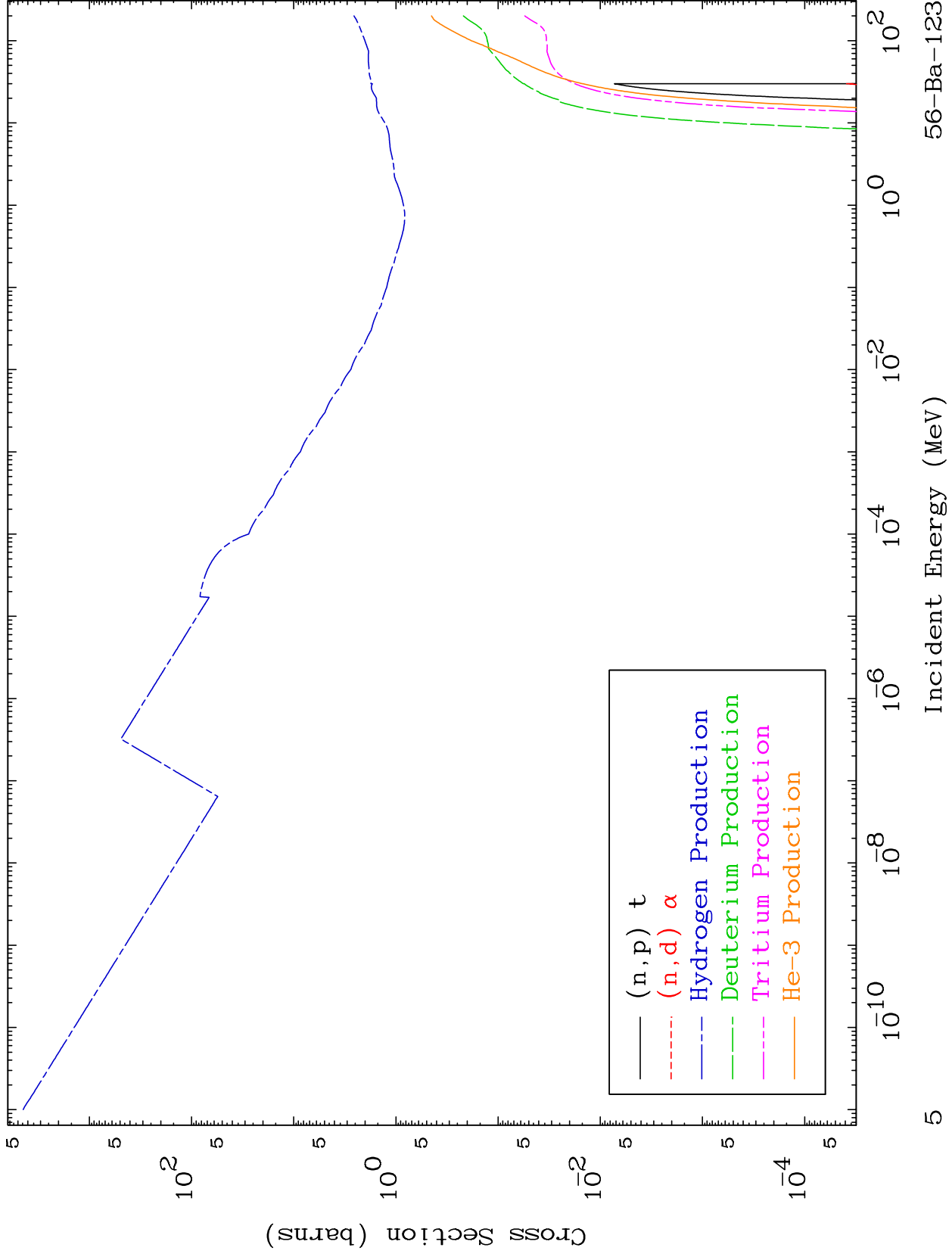
56-Ba-123



MAT 5604

Neutron Absorption
293 Kelvin Cross Sections

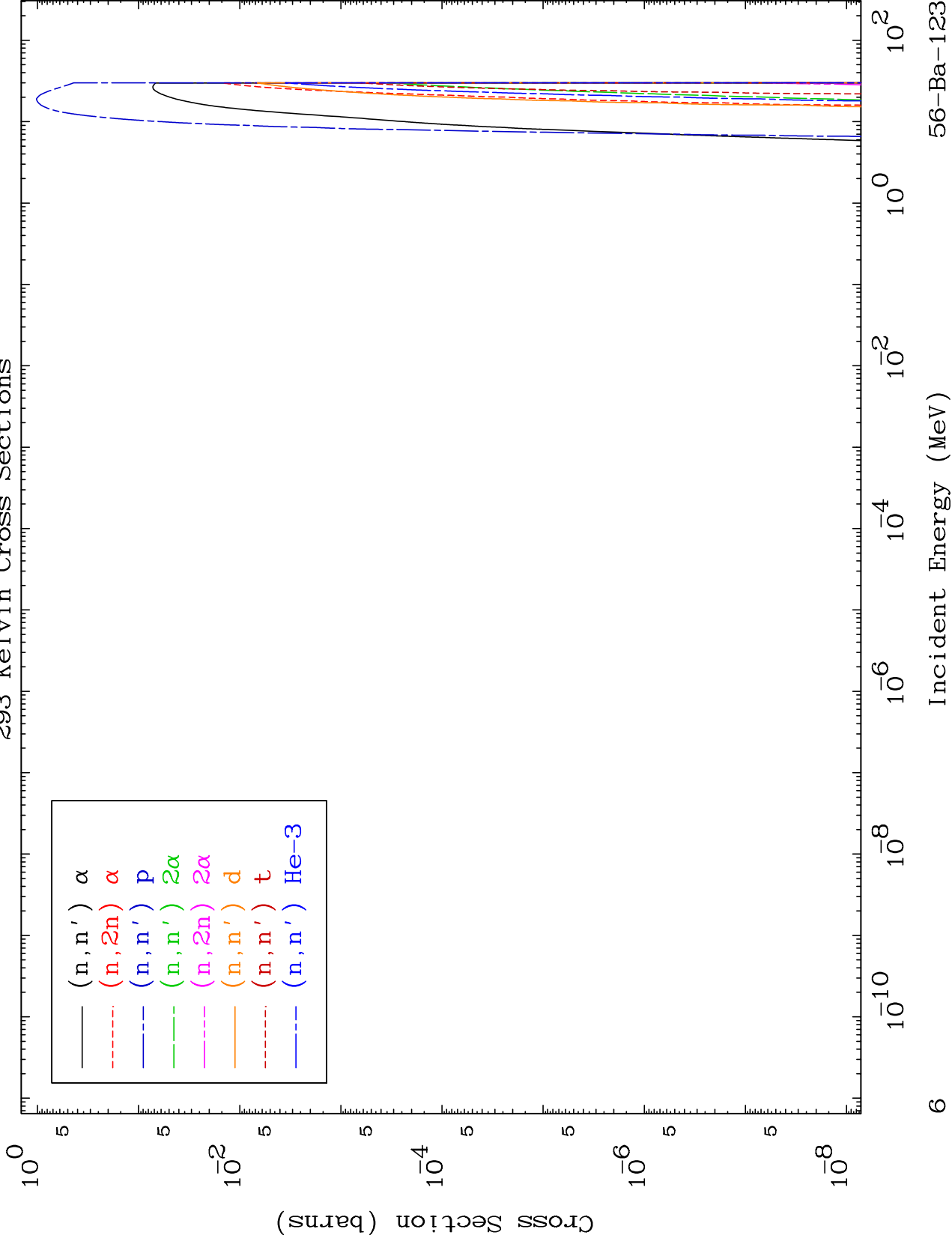
56-Ba-123



MAT 5604

Charged Particle
293 Kelvin Cross Sections

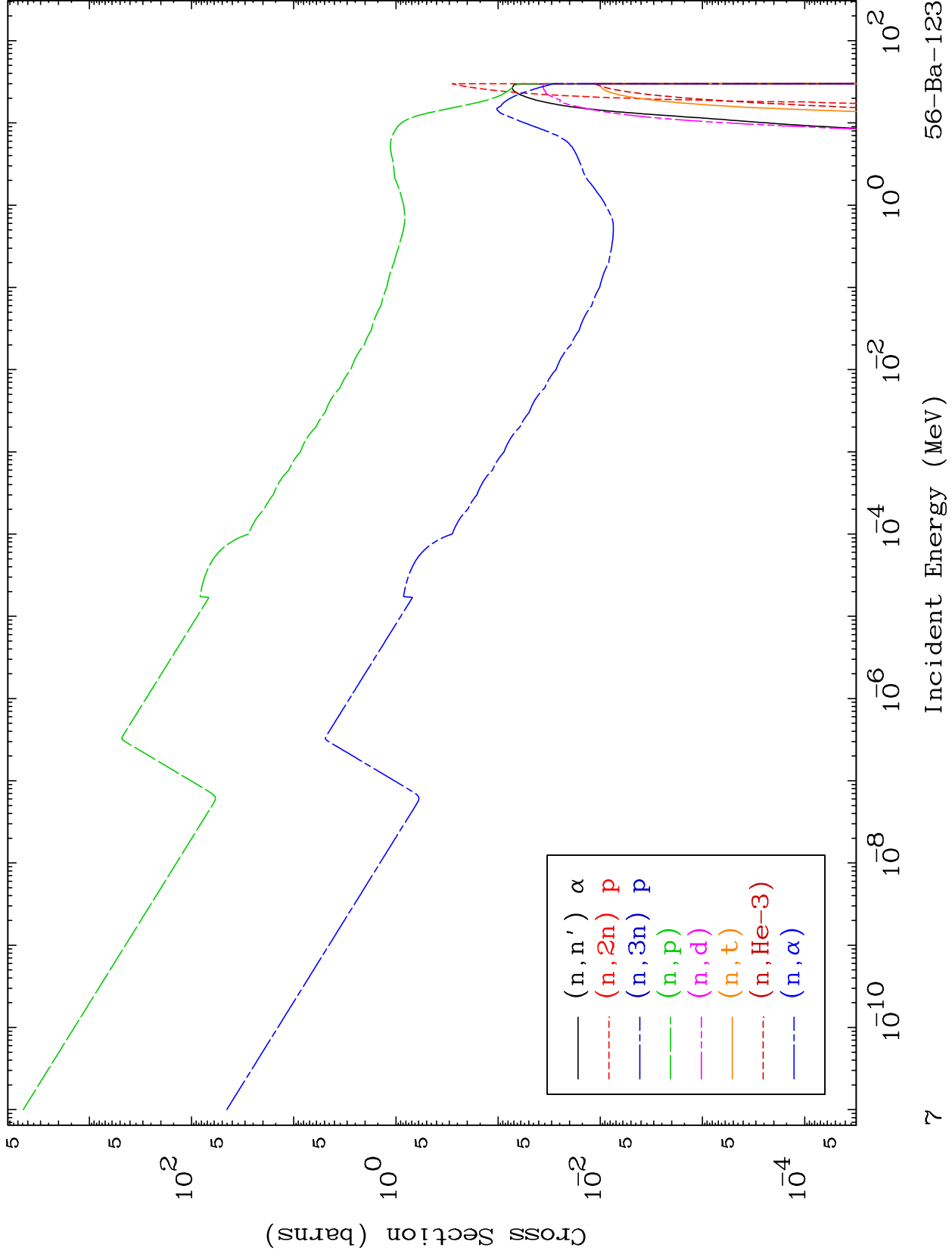
56-Ba-123



MAT 5604

Charged Particle
293 Kelvin Cross Sections

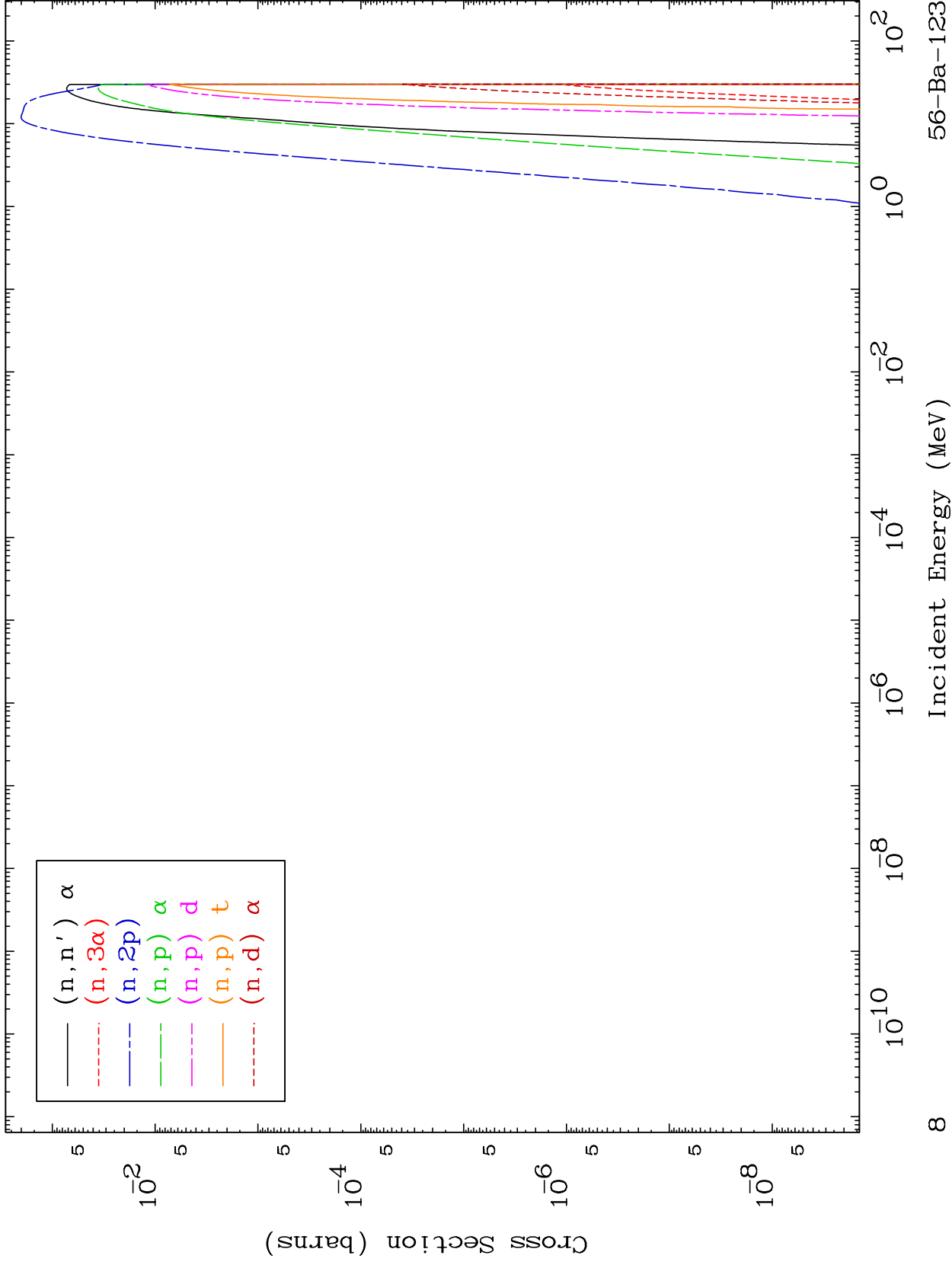
56-Ba-123



MAT 5604

Charged Particle
293 Kelvin Cross Sections

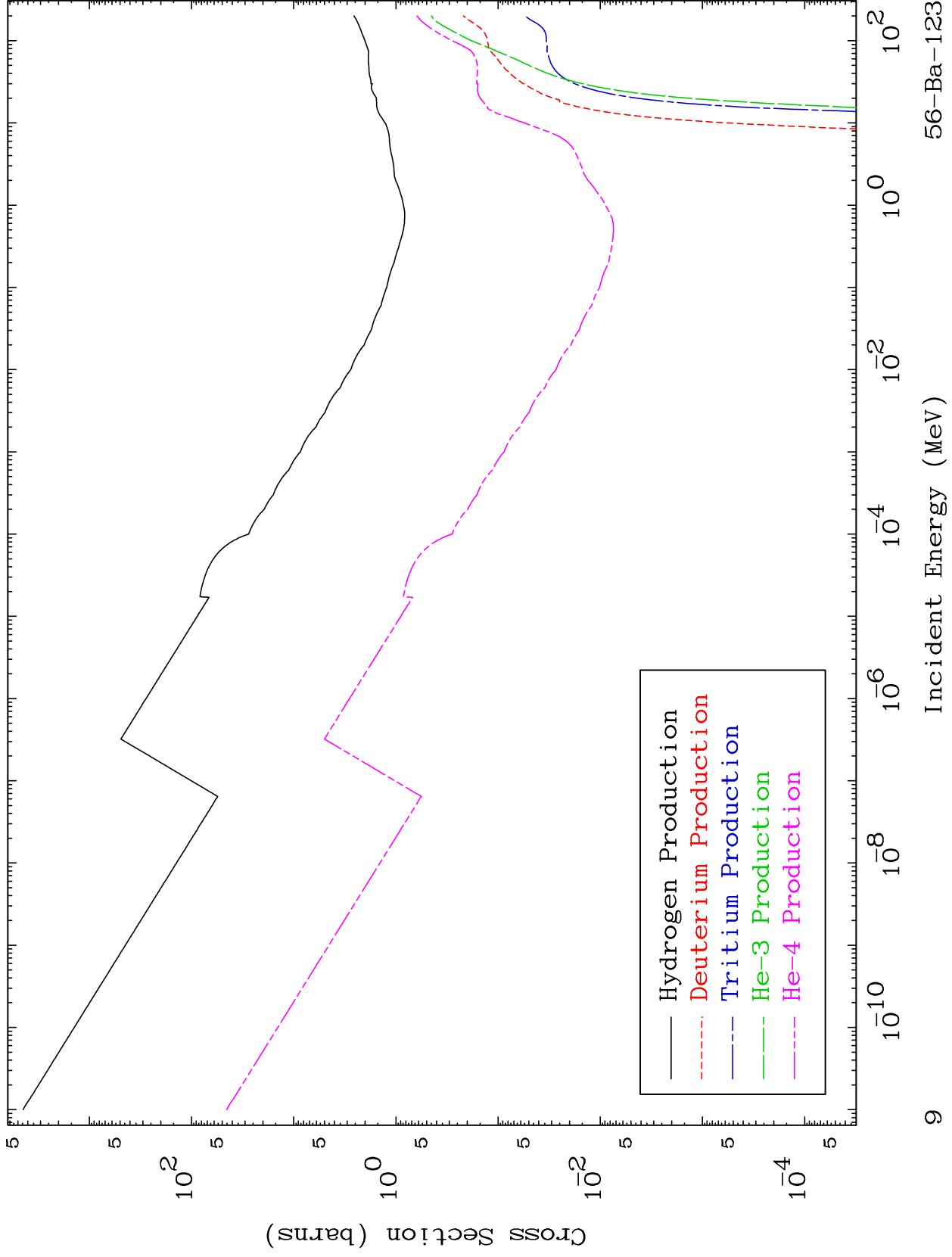
56-Ba-123



MAT 5604

Particle Production
293 Kelvin Cross Sections

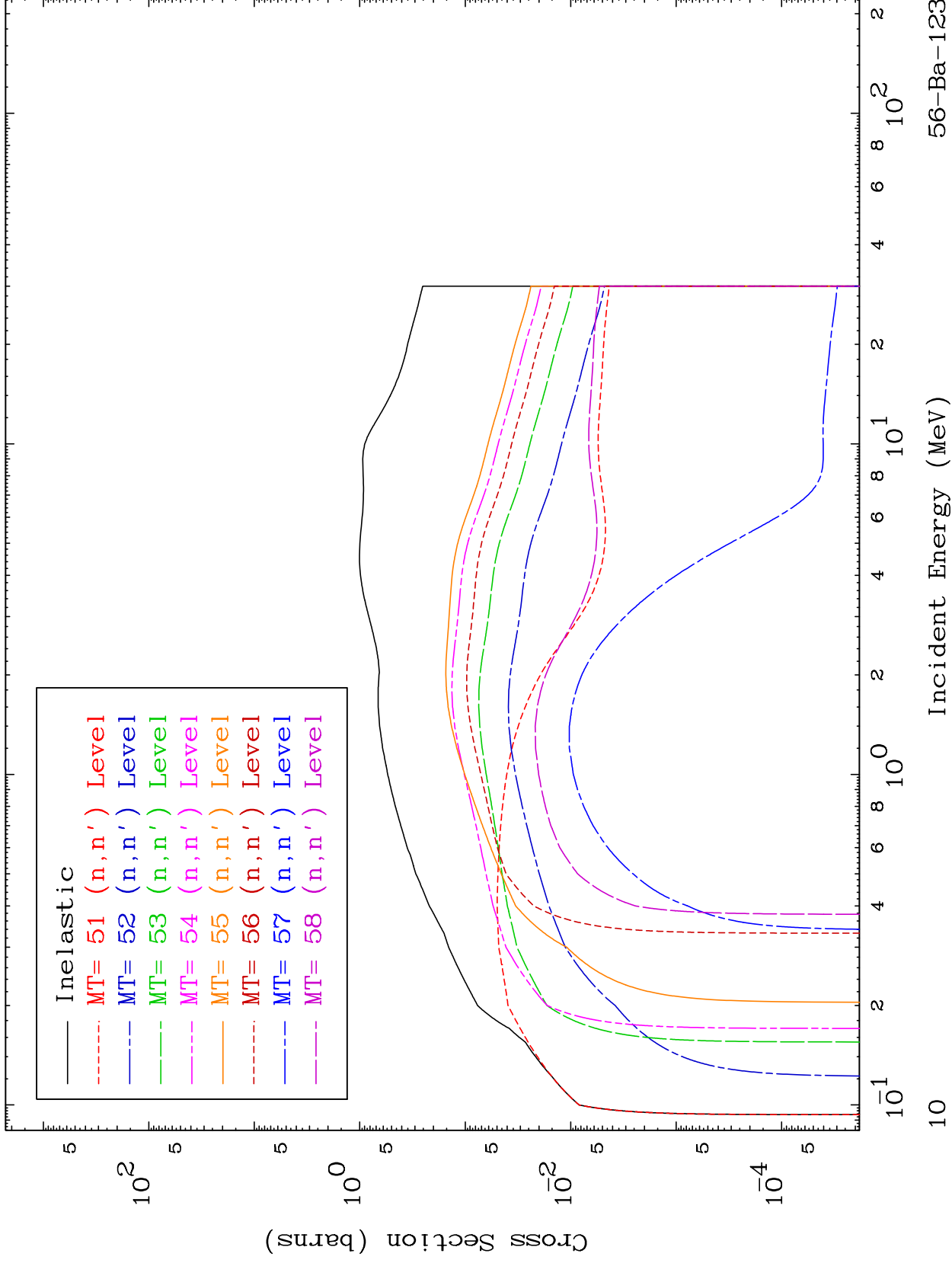
56-Ba-123



MAT 5604

(n,n') Levels
293 Kelvin Cross Sections

56-Ba-123

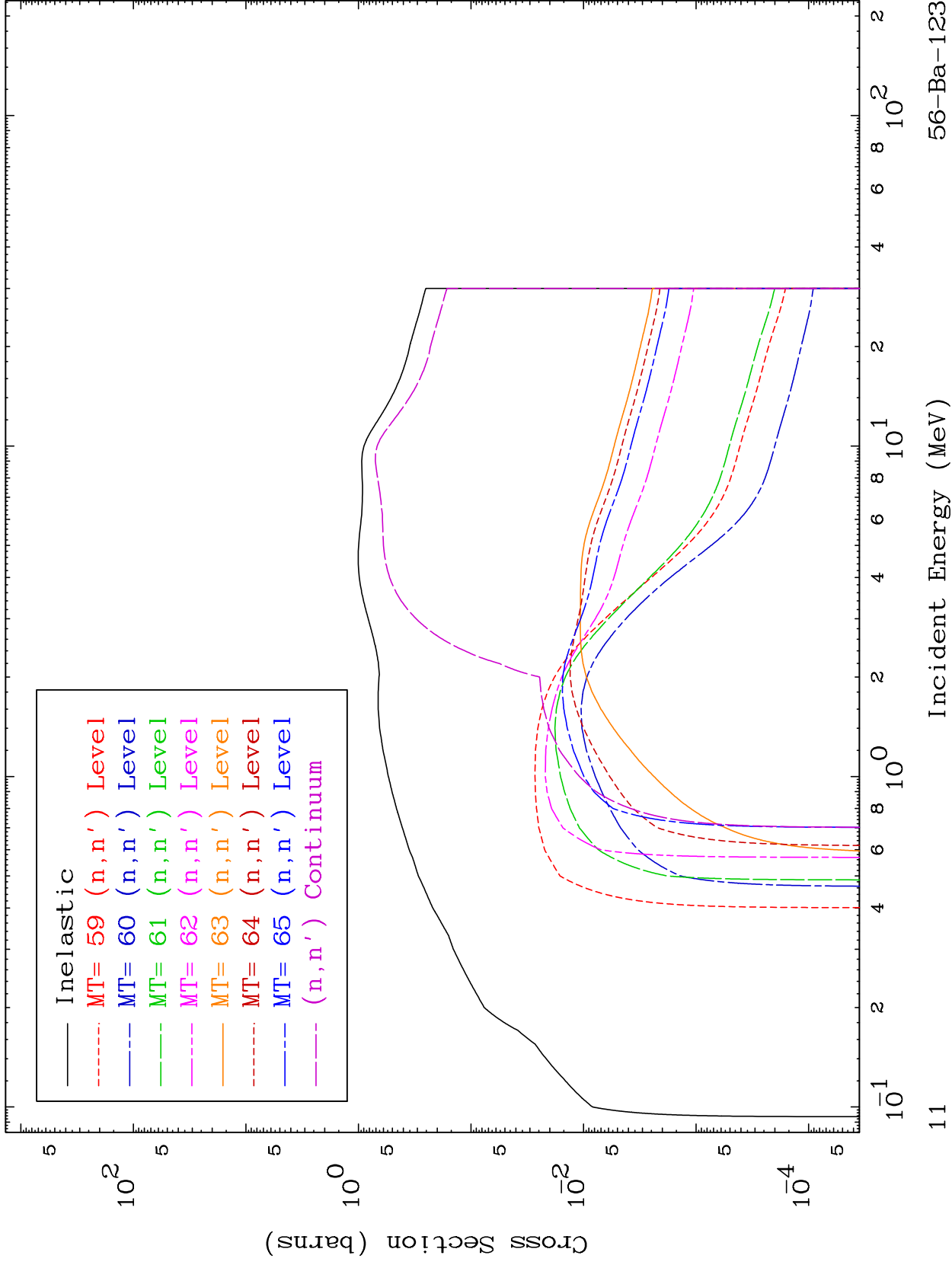


56-Ba-123

MAT 5604

(n,n') Levels
293 Kelvin Cross Sections

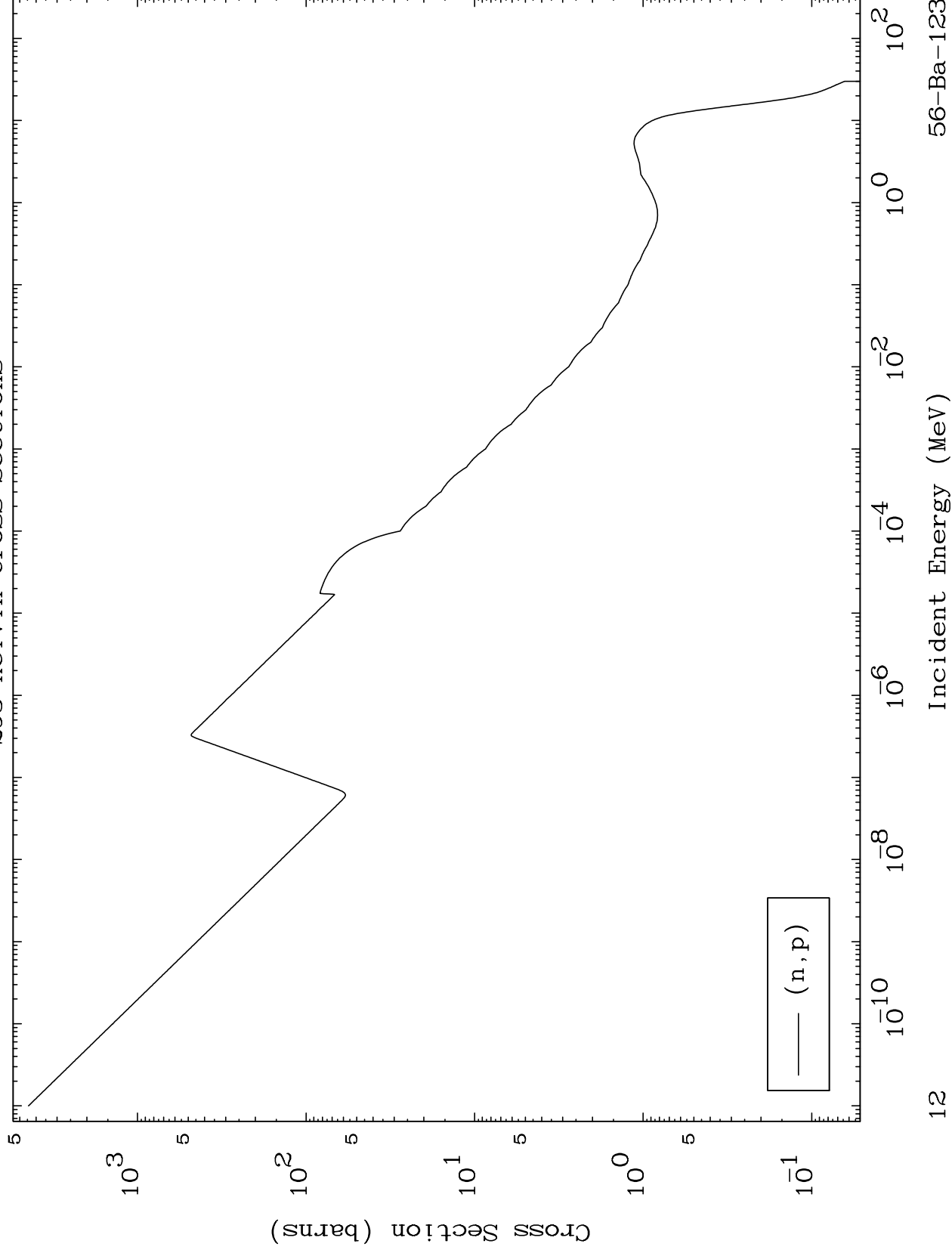
56-Ba-123



MAT 5604

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-123



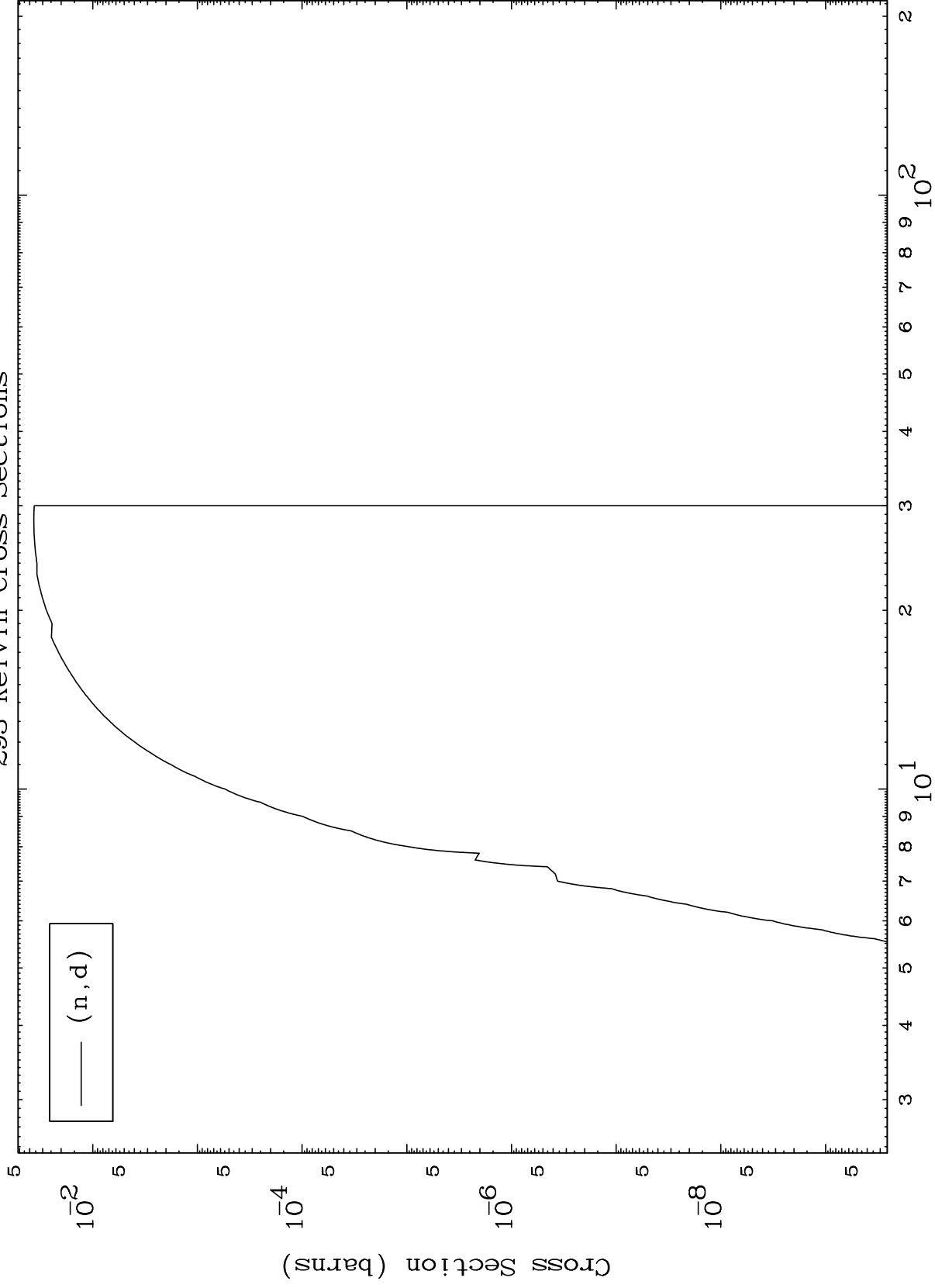
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56-Ba-123

MAT 5604

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-123



13

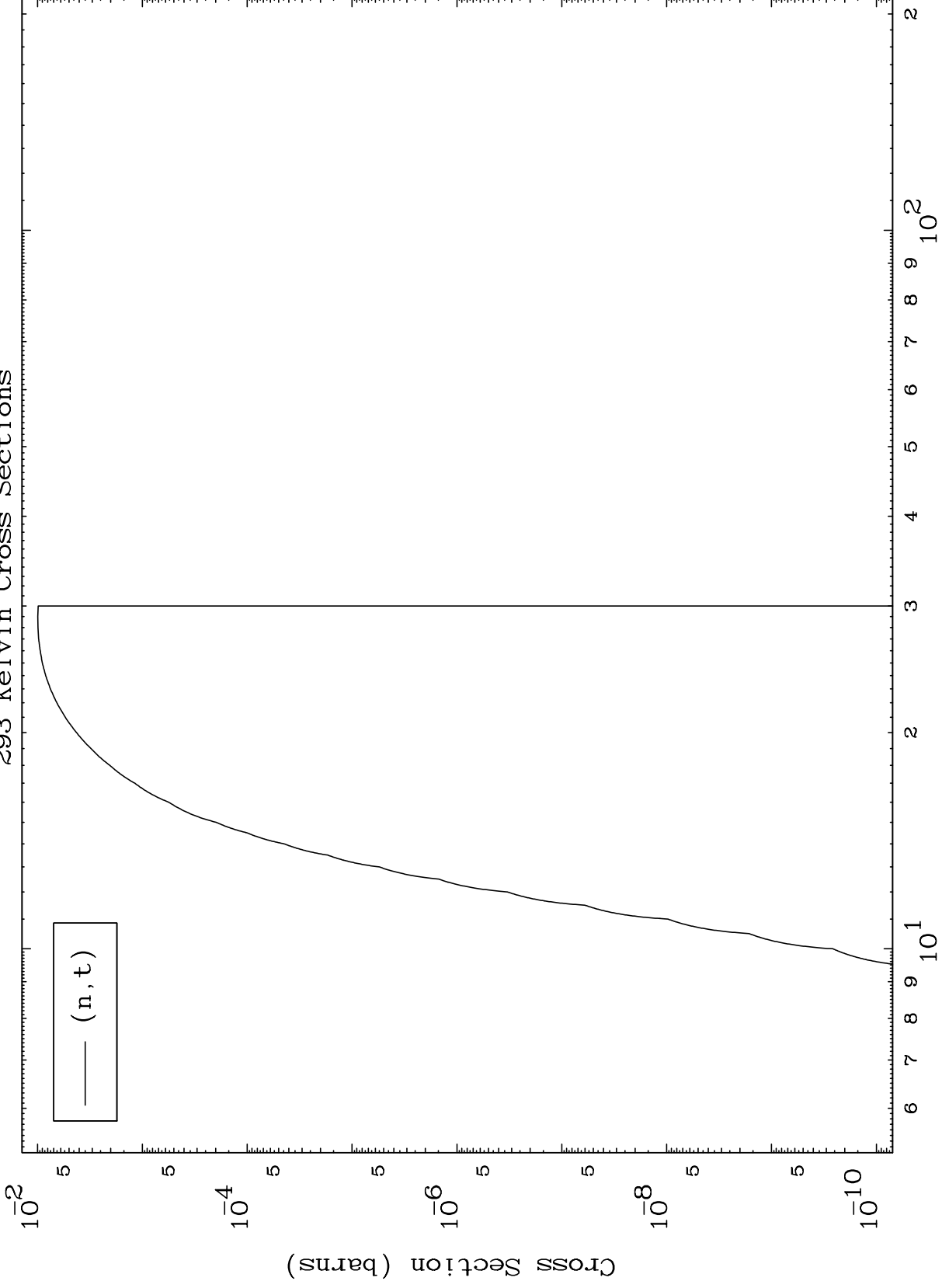
Incident Energy (MeV)

56-Ba-123

MAT 5604

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-123



14

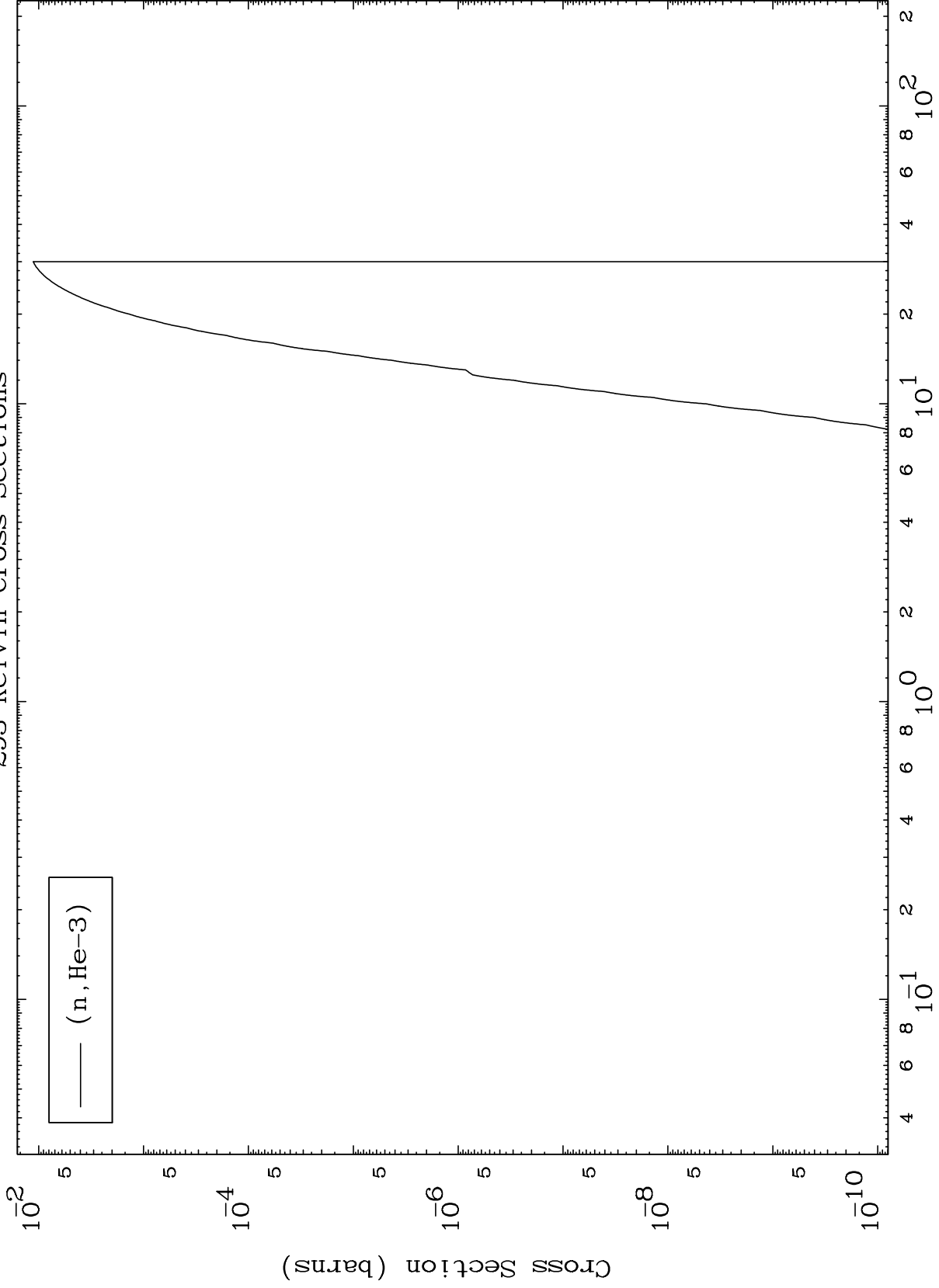
Incident Energy (MeV)

56-Ba-123

MAT 5604

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-123



15

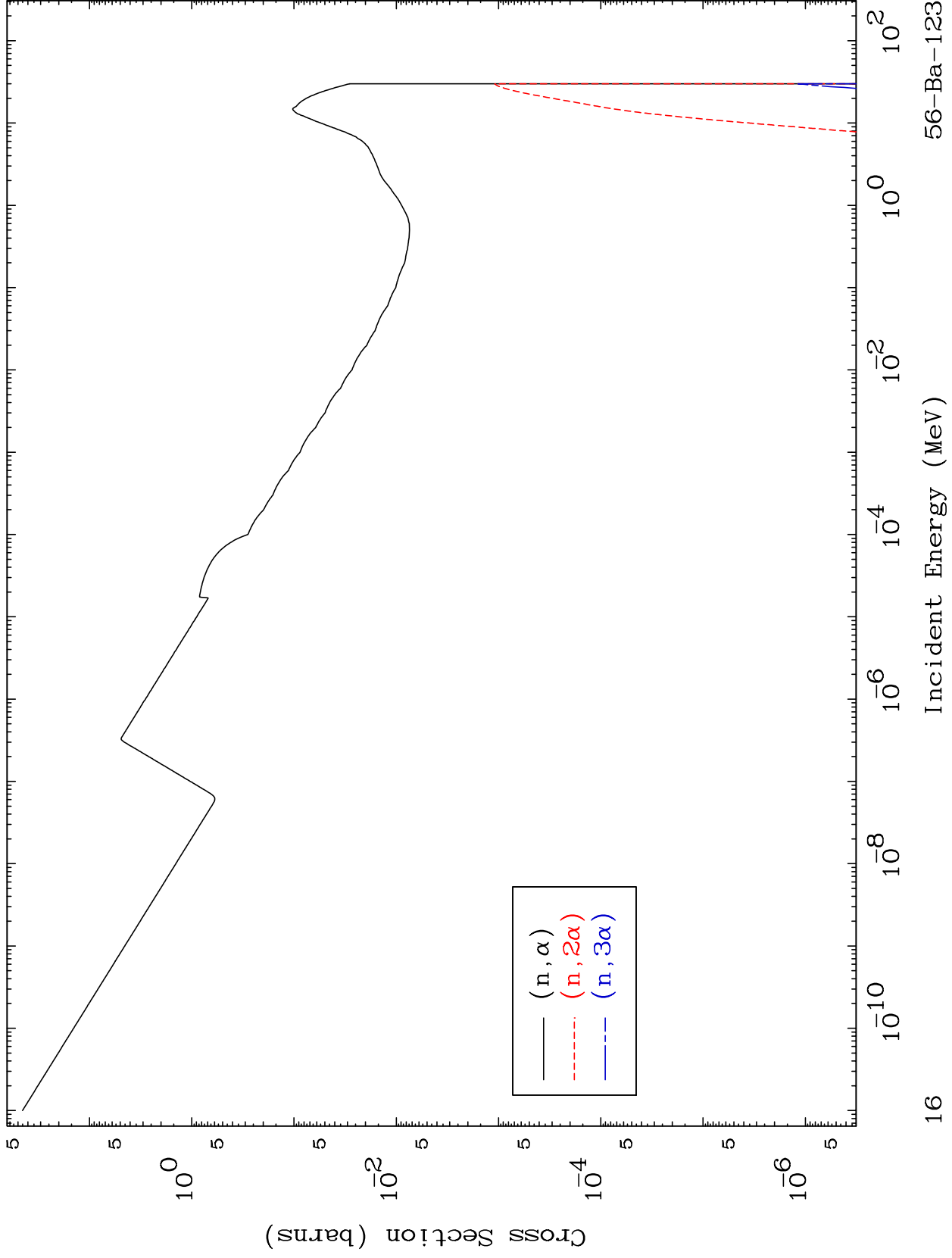
Incident Energy (MeV)

56-Ba-123

MAT 5604

(n, α) Levels
293 Kelvin Cross Sections

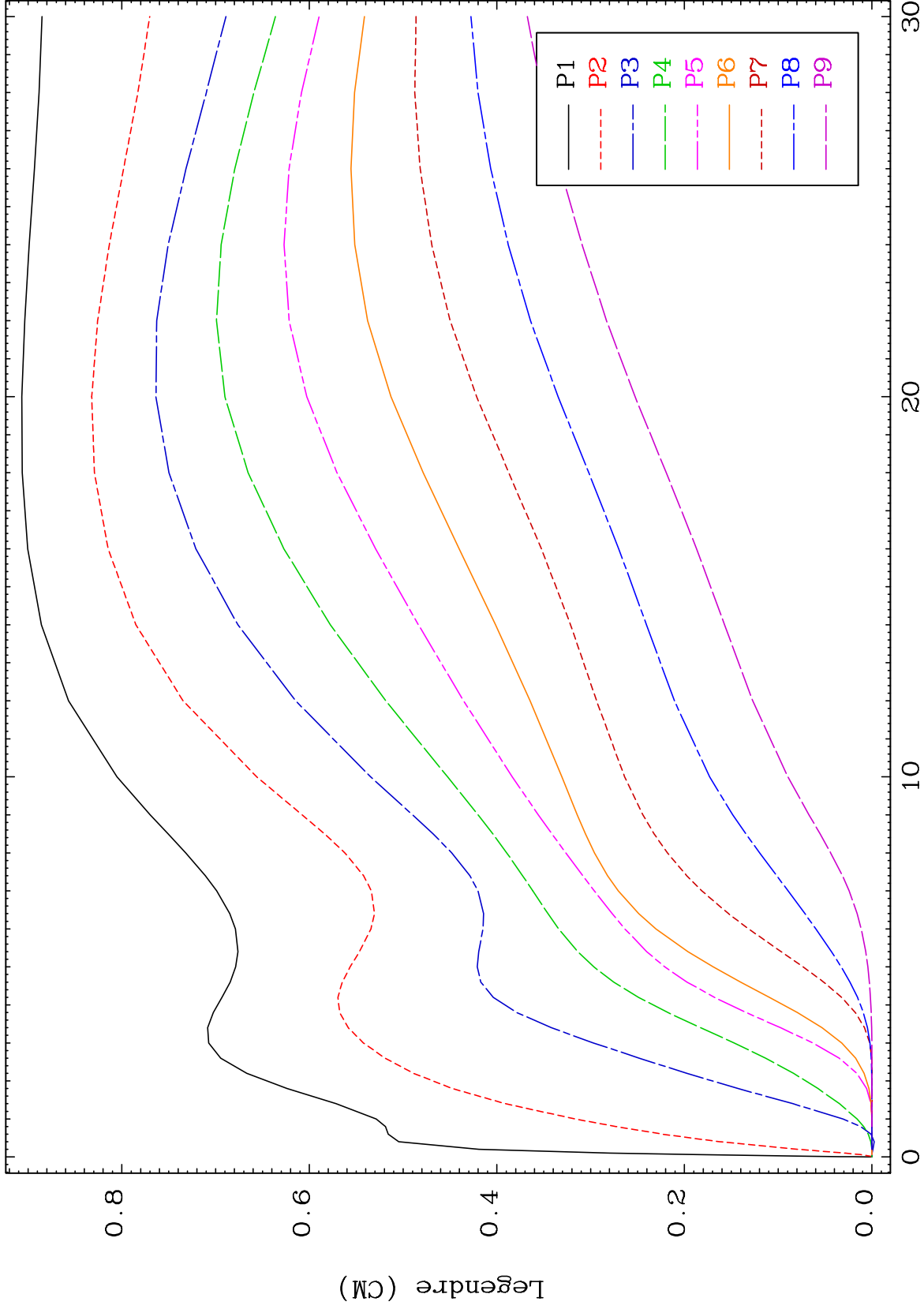
56-Ba-123



MAT 5604

Elastic Legendre Coefficients

56-Ba-123



17

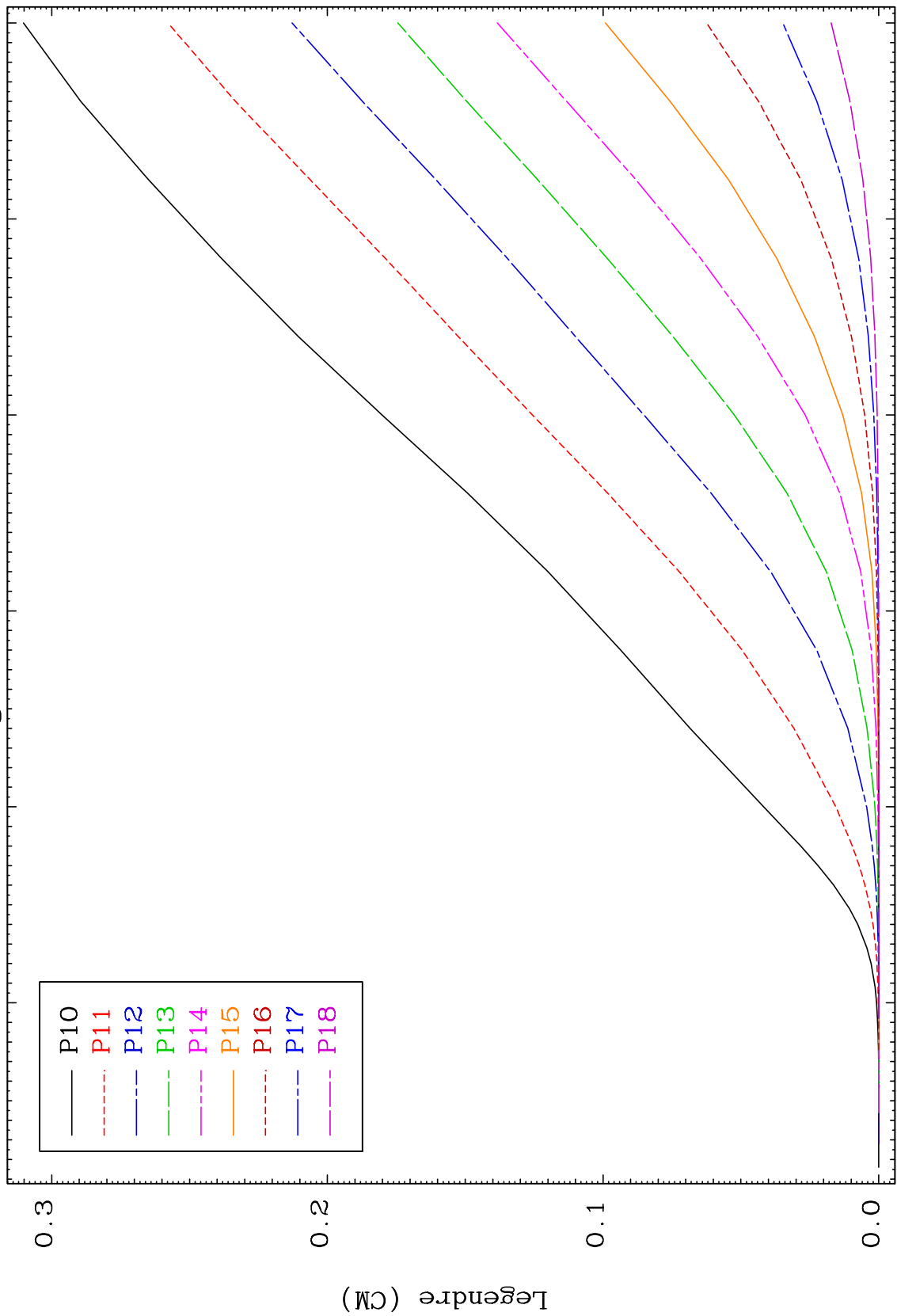
Incident Energy (MeV)

56-Ba-123

MAT 5604

Elastic Legendre Coefficients

56-Ba-123



18

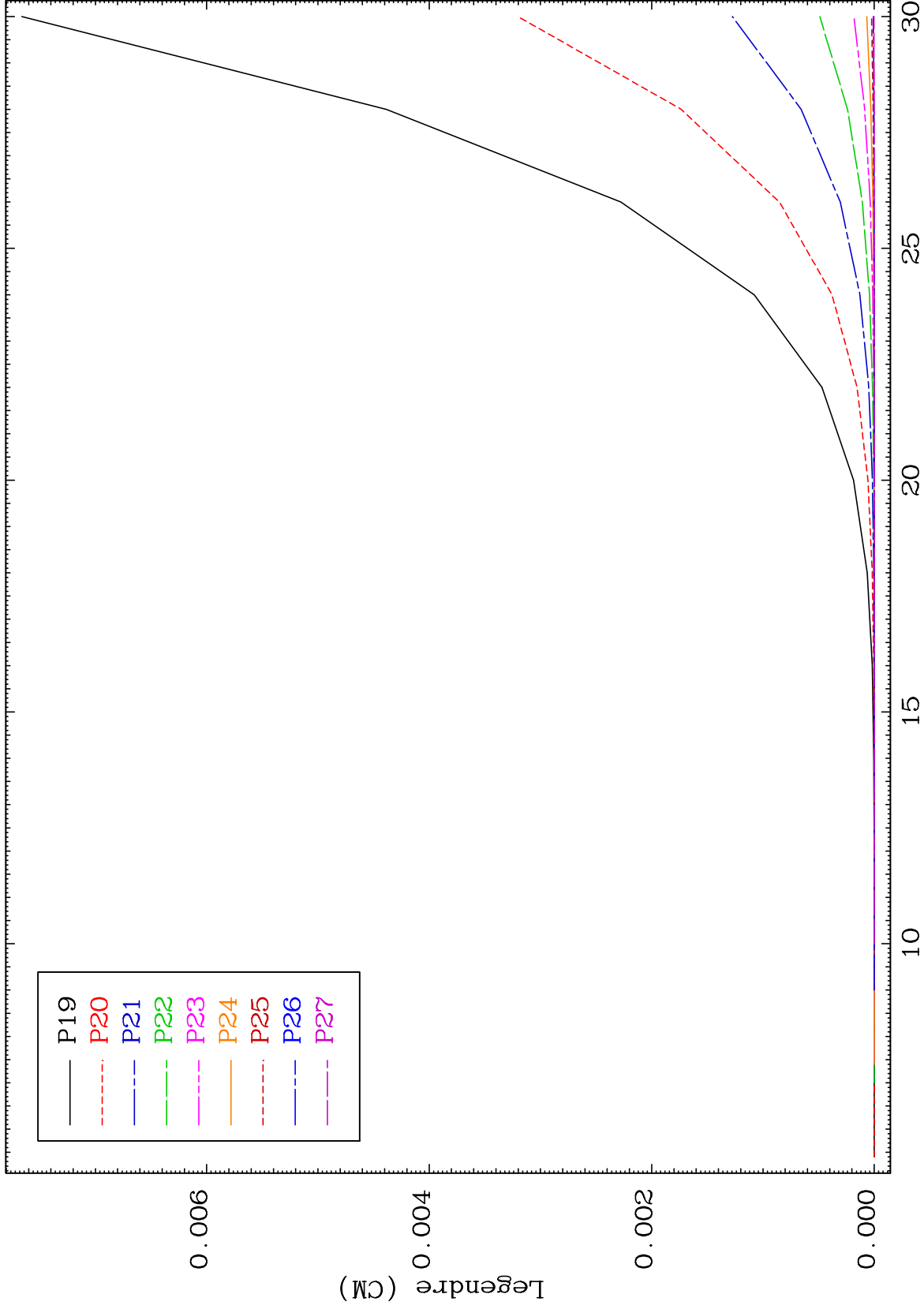
Incident Energy (MeV)

56-Ba-123

MAT 5604

Elastic Legendre Coefficients

56-Ba-123



19

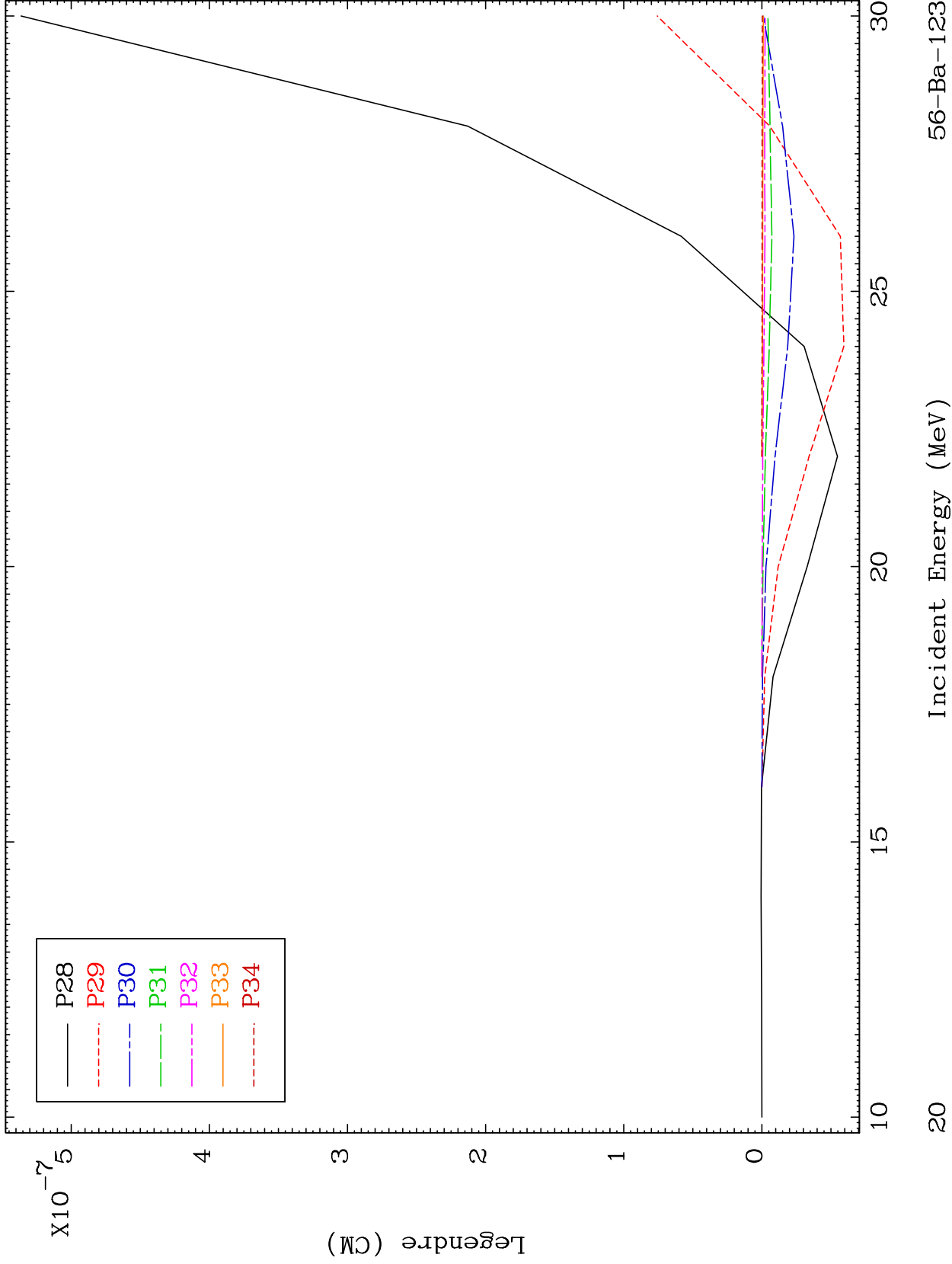
Incident Energy (MeV)

56-Ba-123

MAT 5604

Elastic Legendre Coefficients

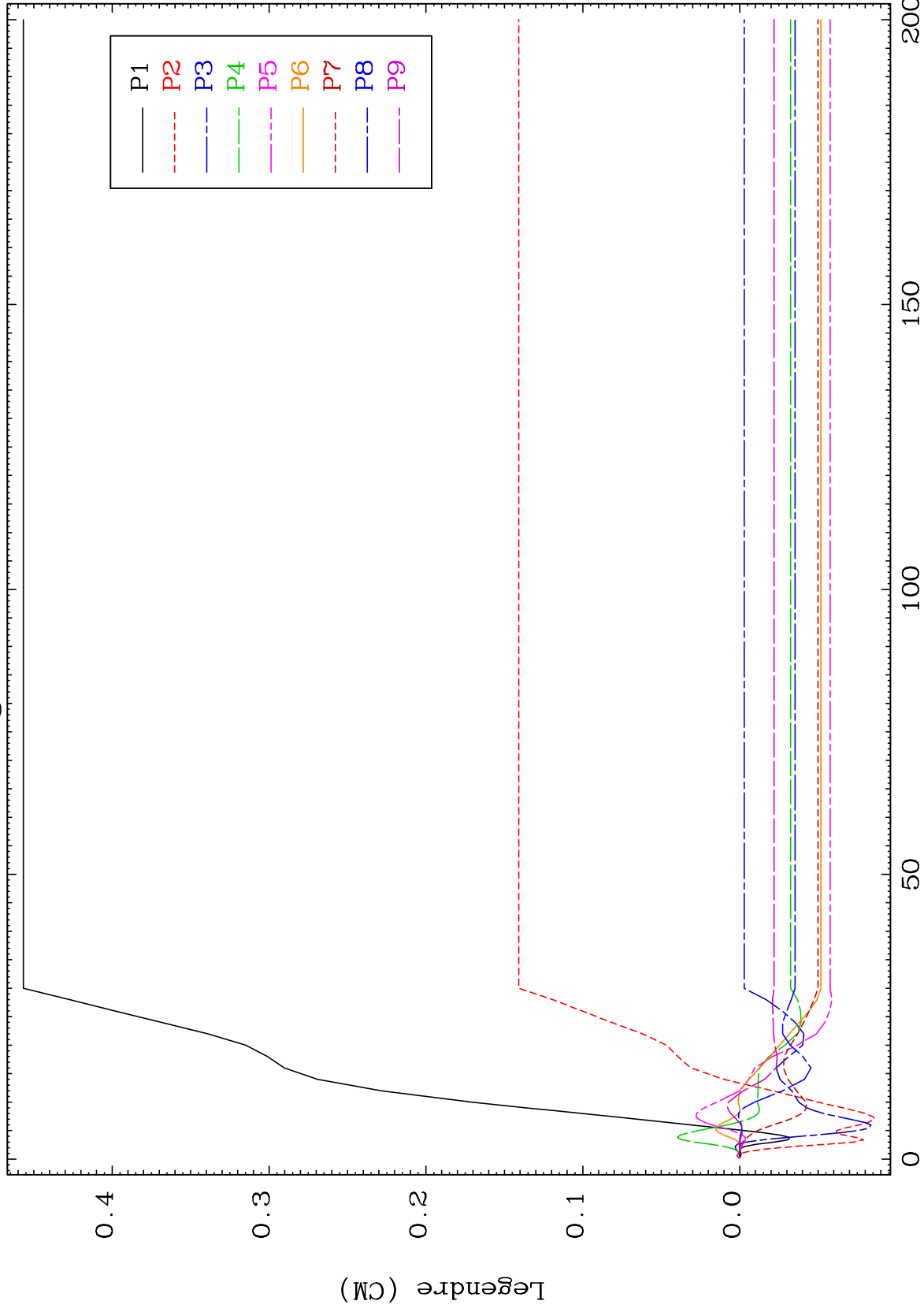
56-Ba-123



MAT 5604

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

56-Ba-123



21

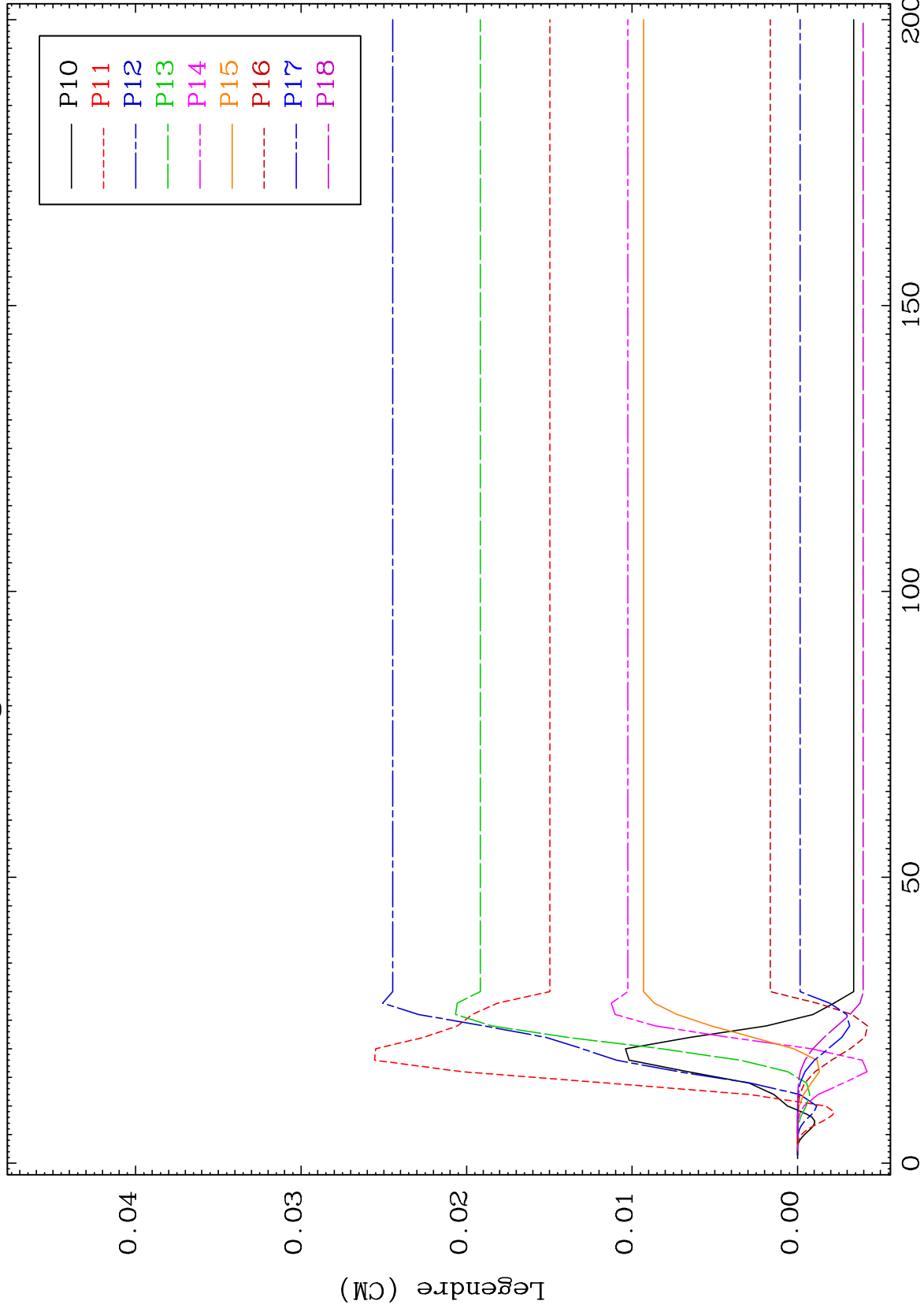
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



56-Ba-123

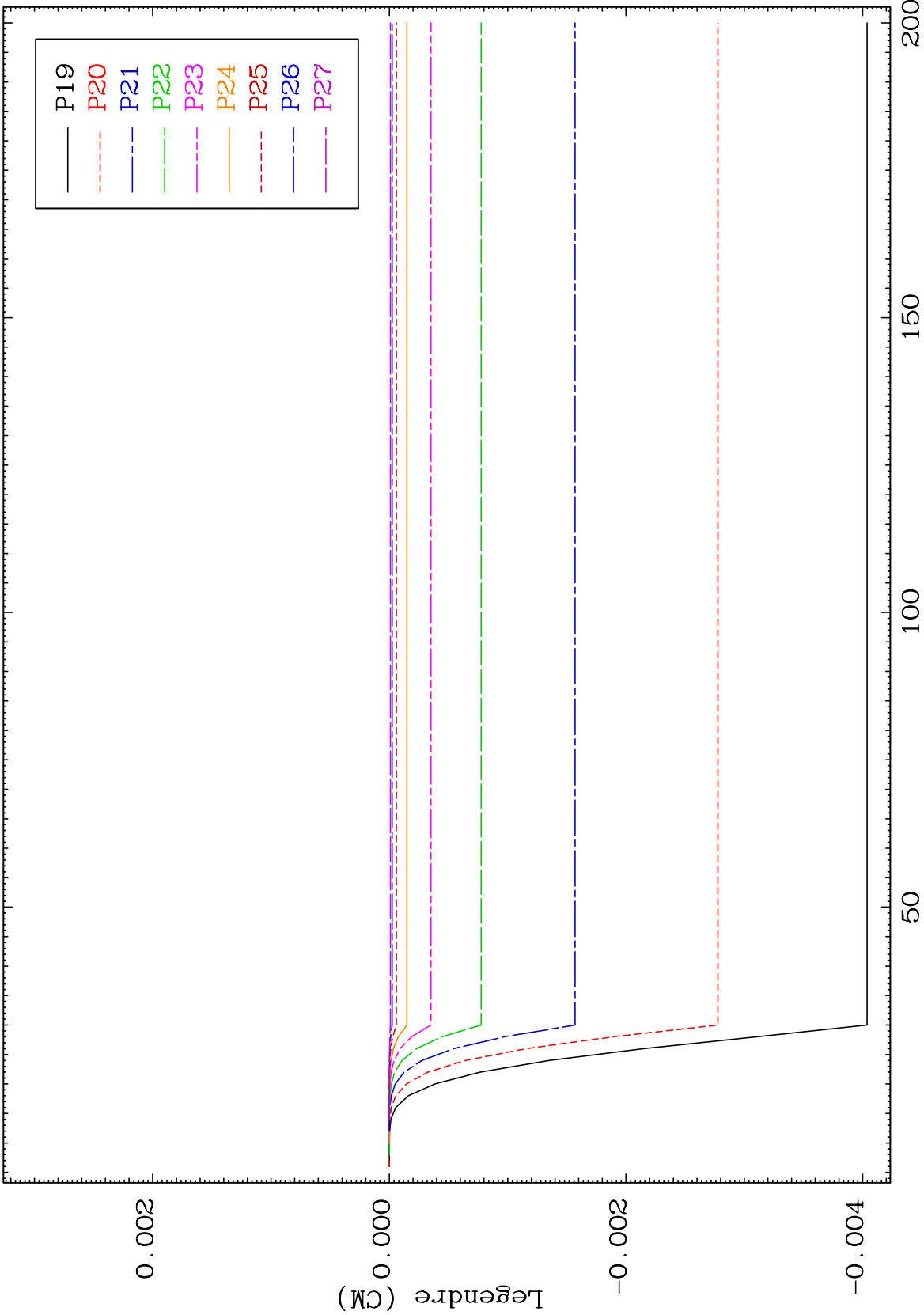
Incident Energy (MeV)

22

MAT 5604

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

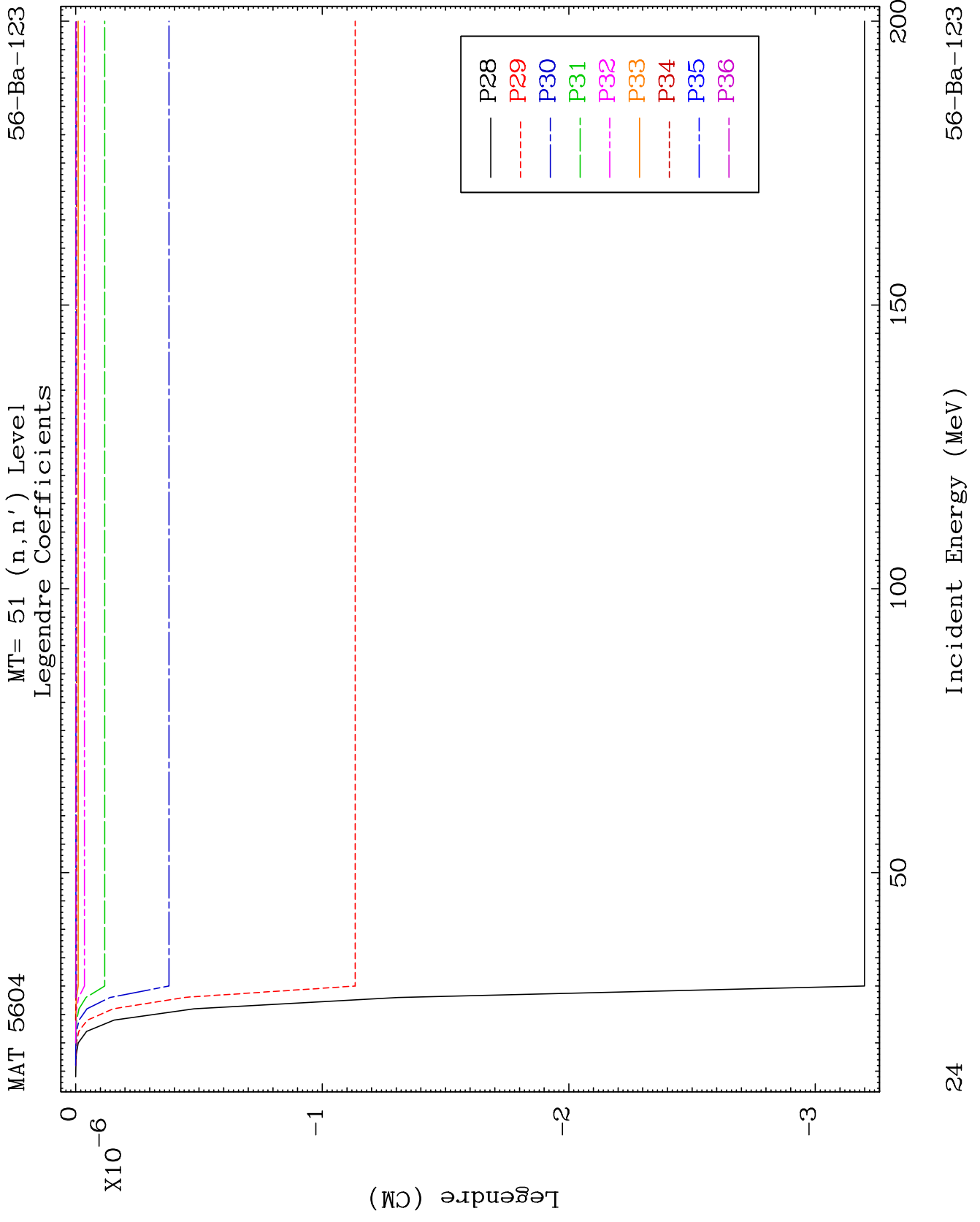
56-Ba-123



23

Incident Energy (MeV)

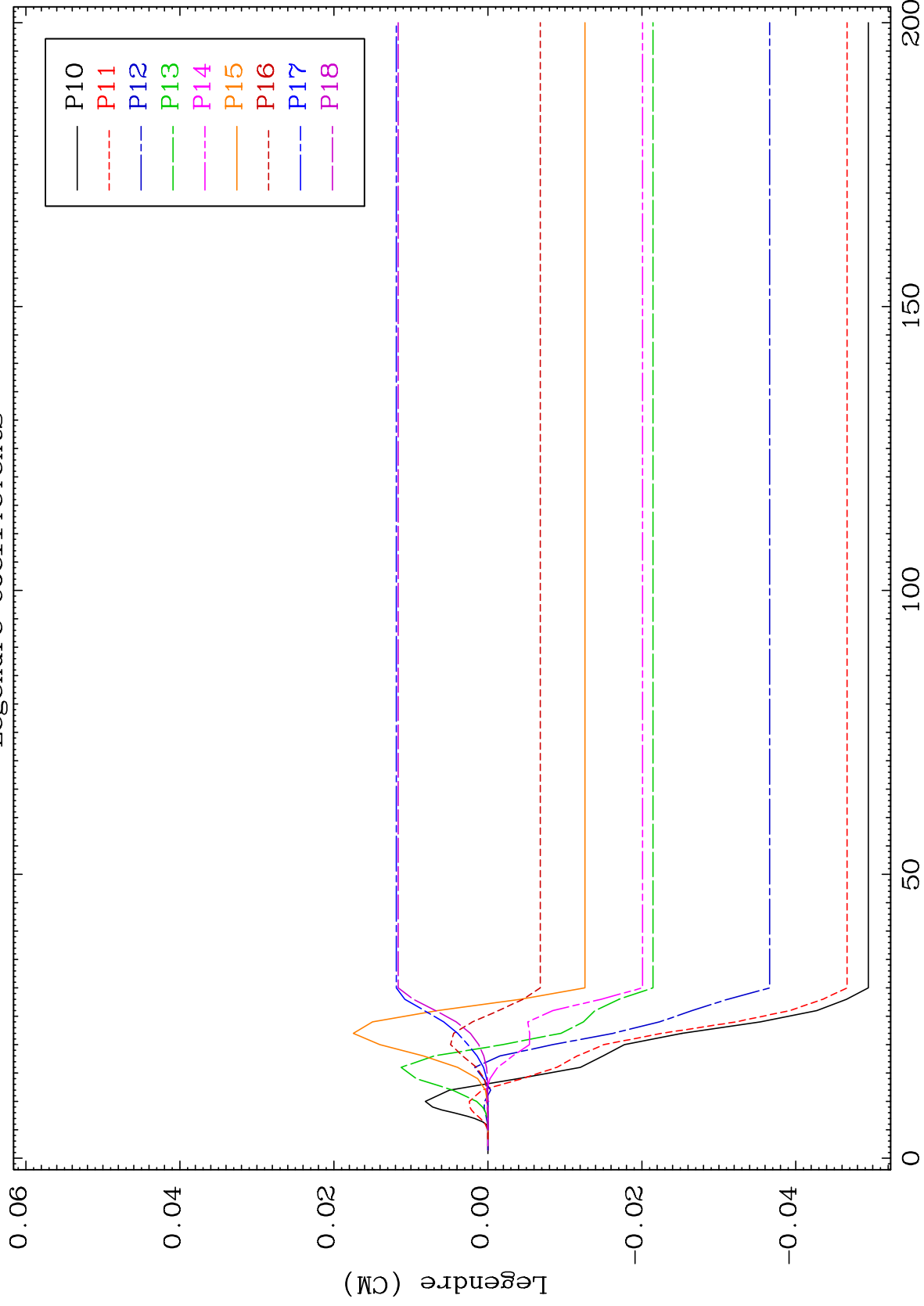
56-Ba-123



MAT 5604

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

56-Ba-123



26

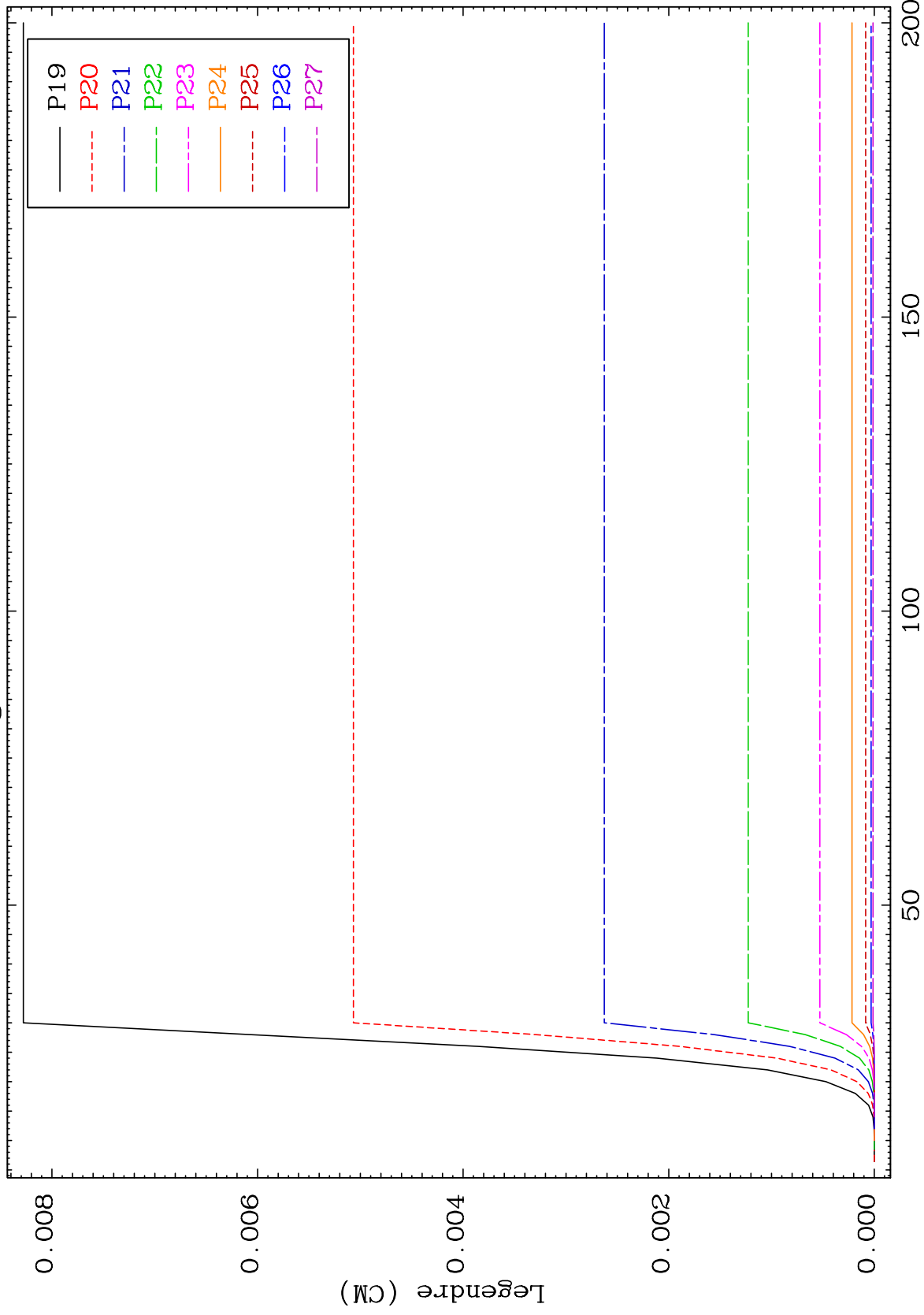
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



27

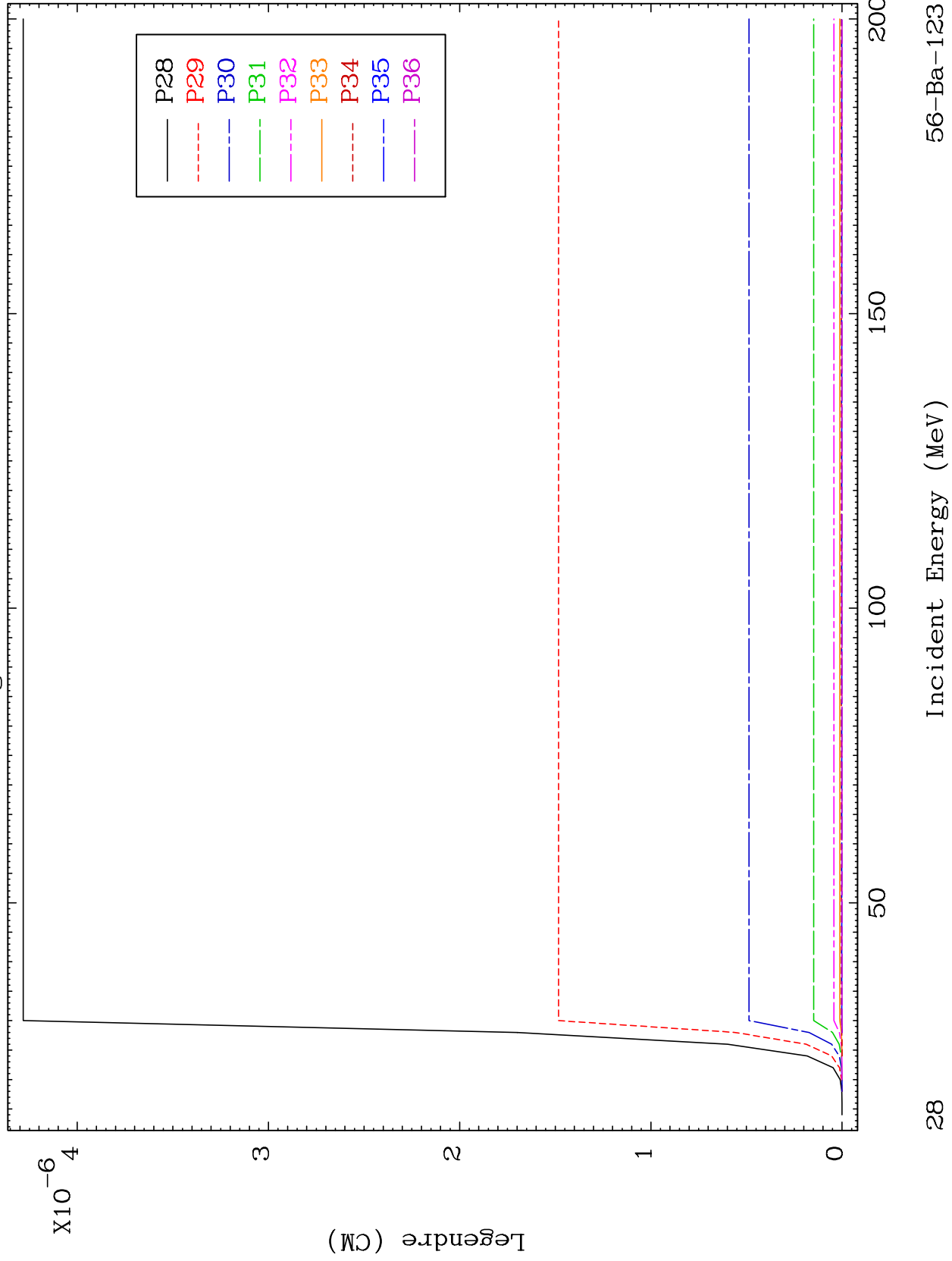
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



28

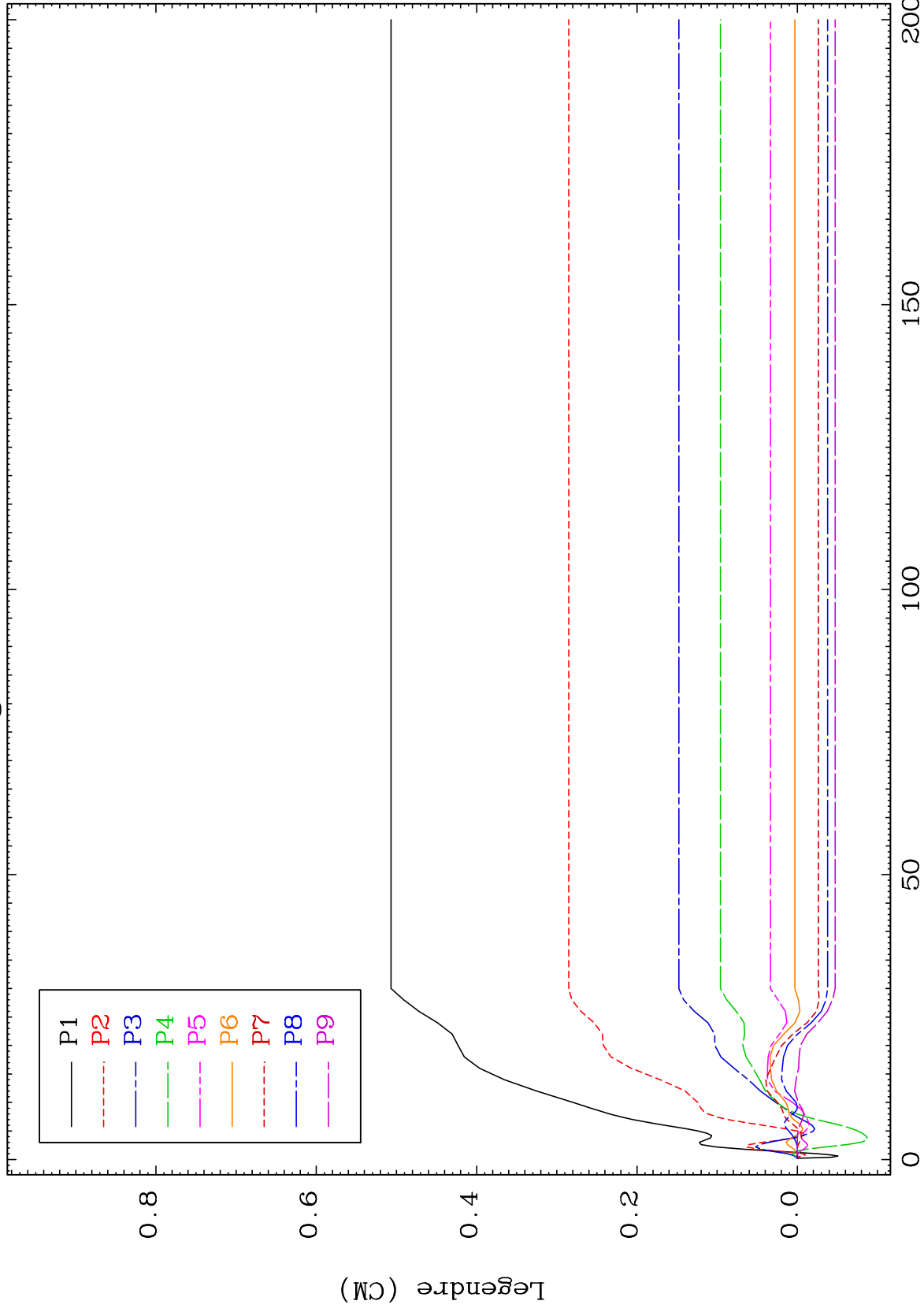
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



29

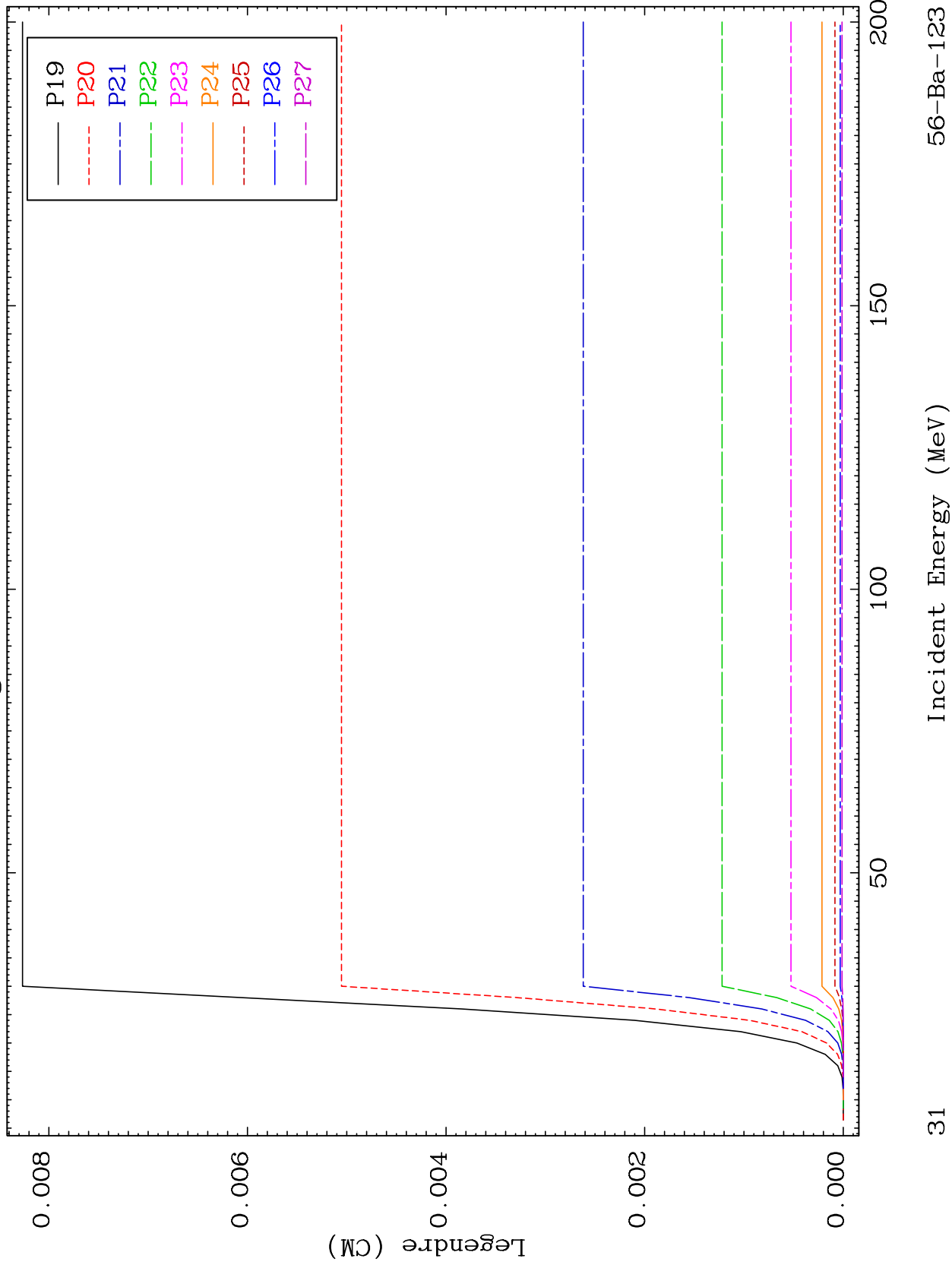
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



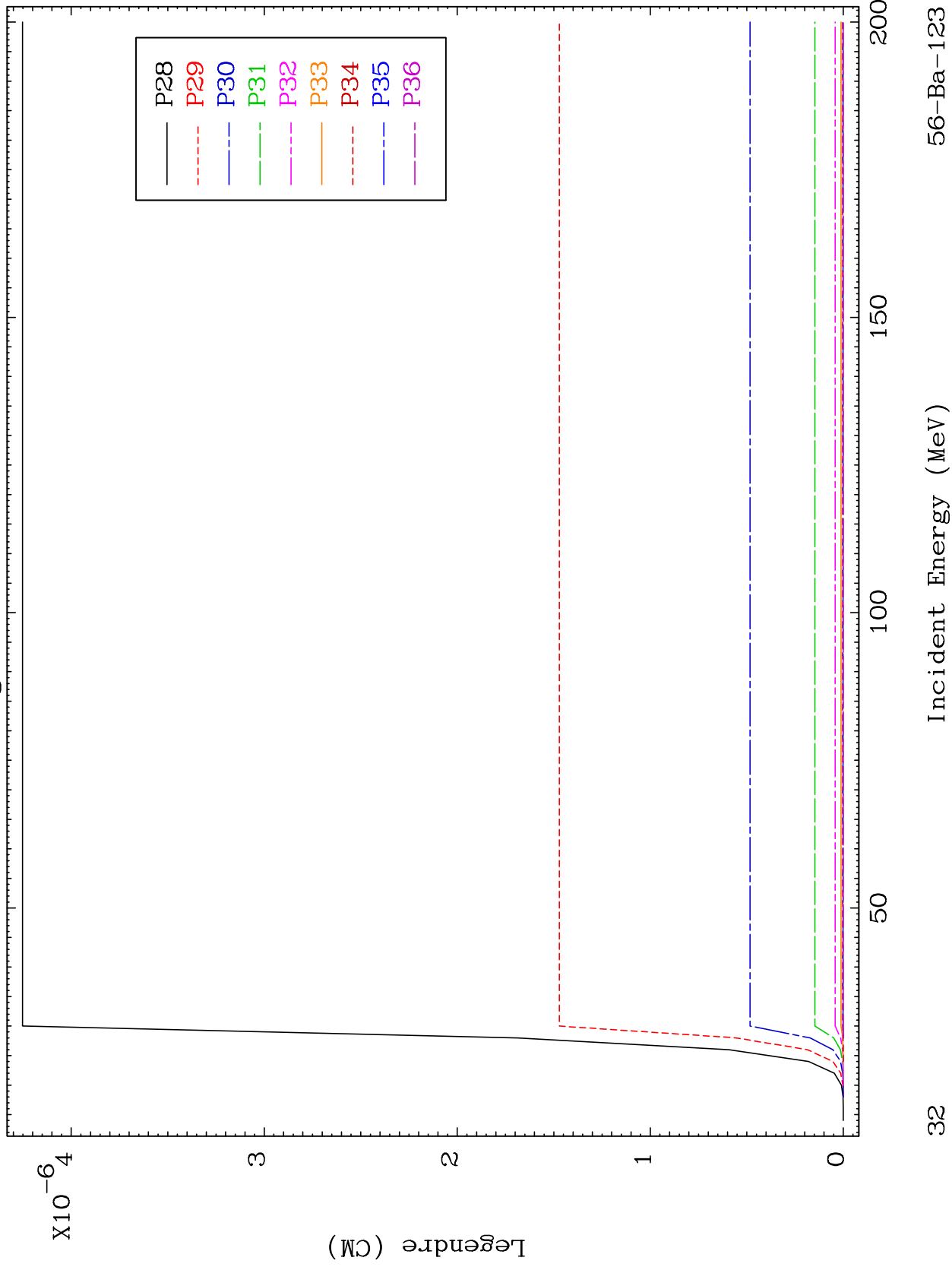
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56-Ba-123

MAT 5604

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

56-Ba-123



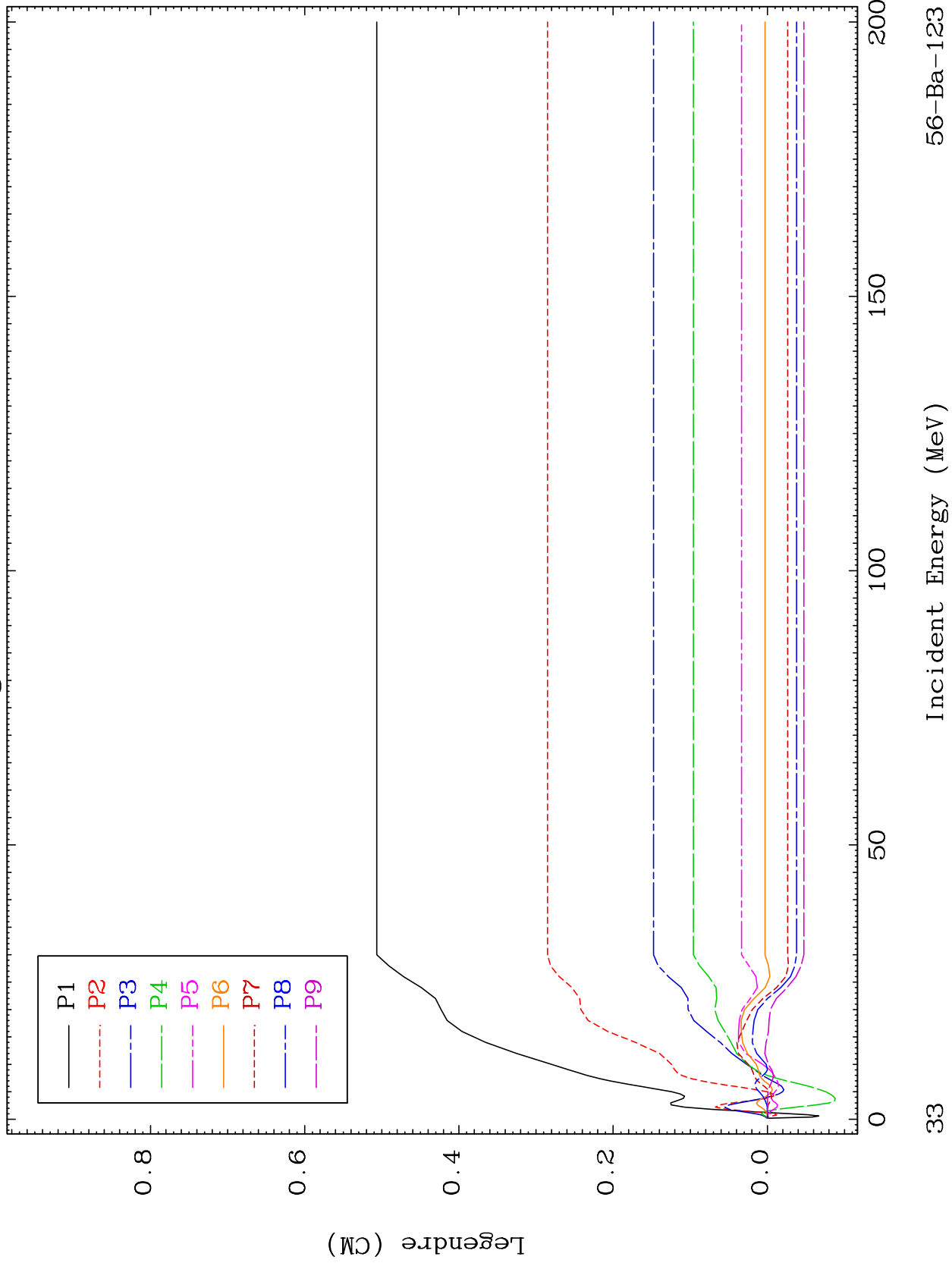
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56-Ba-123

MAT 5604

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

56-Ba-123



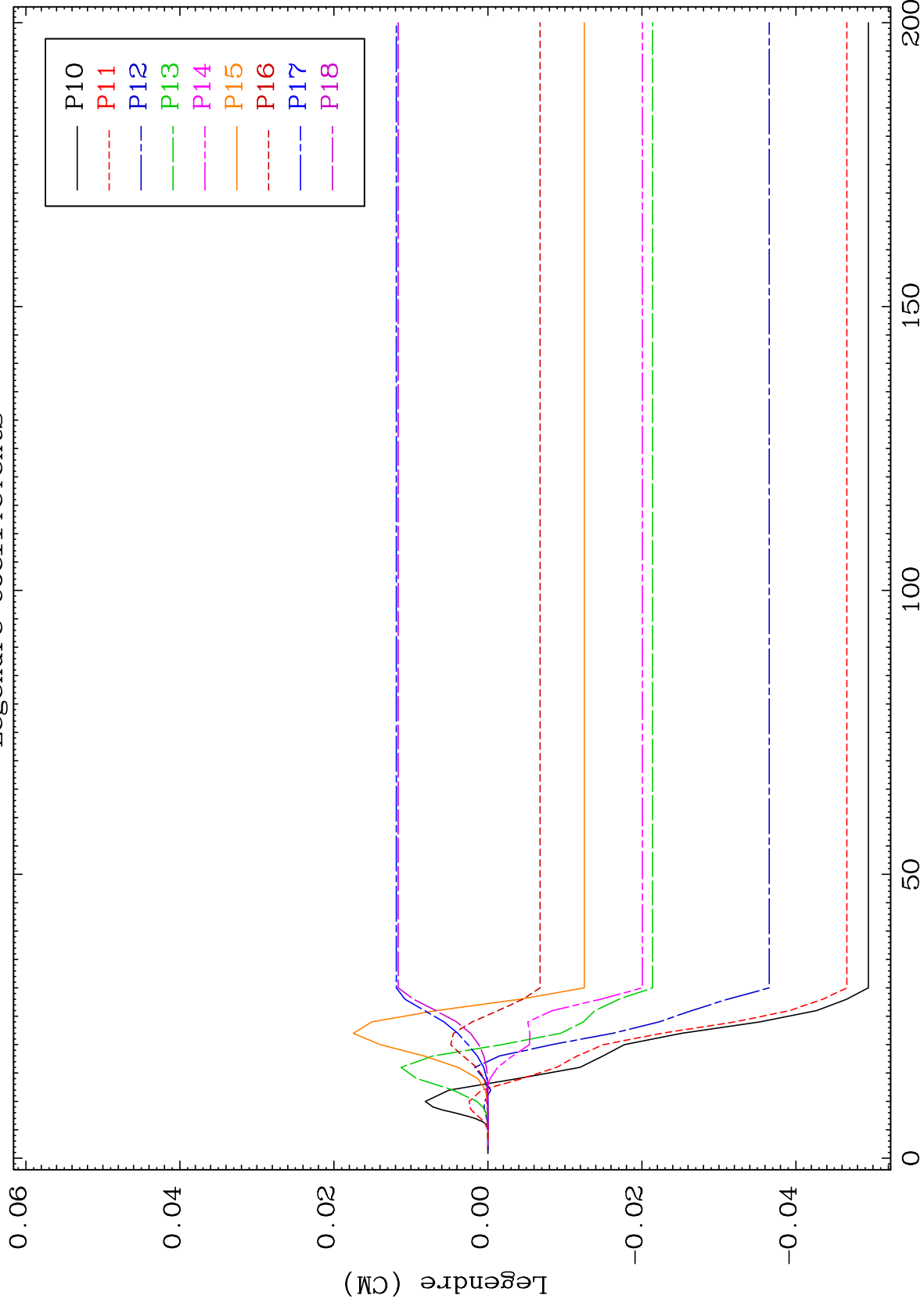
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56-Ba-123

MAT 5604

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

56-Ba-123



34

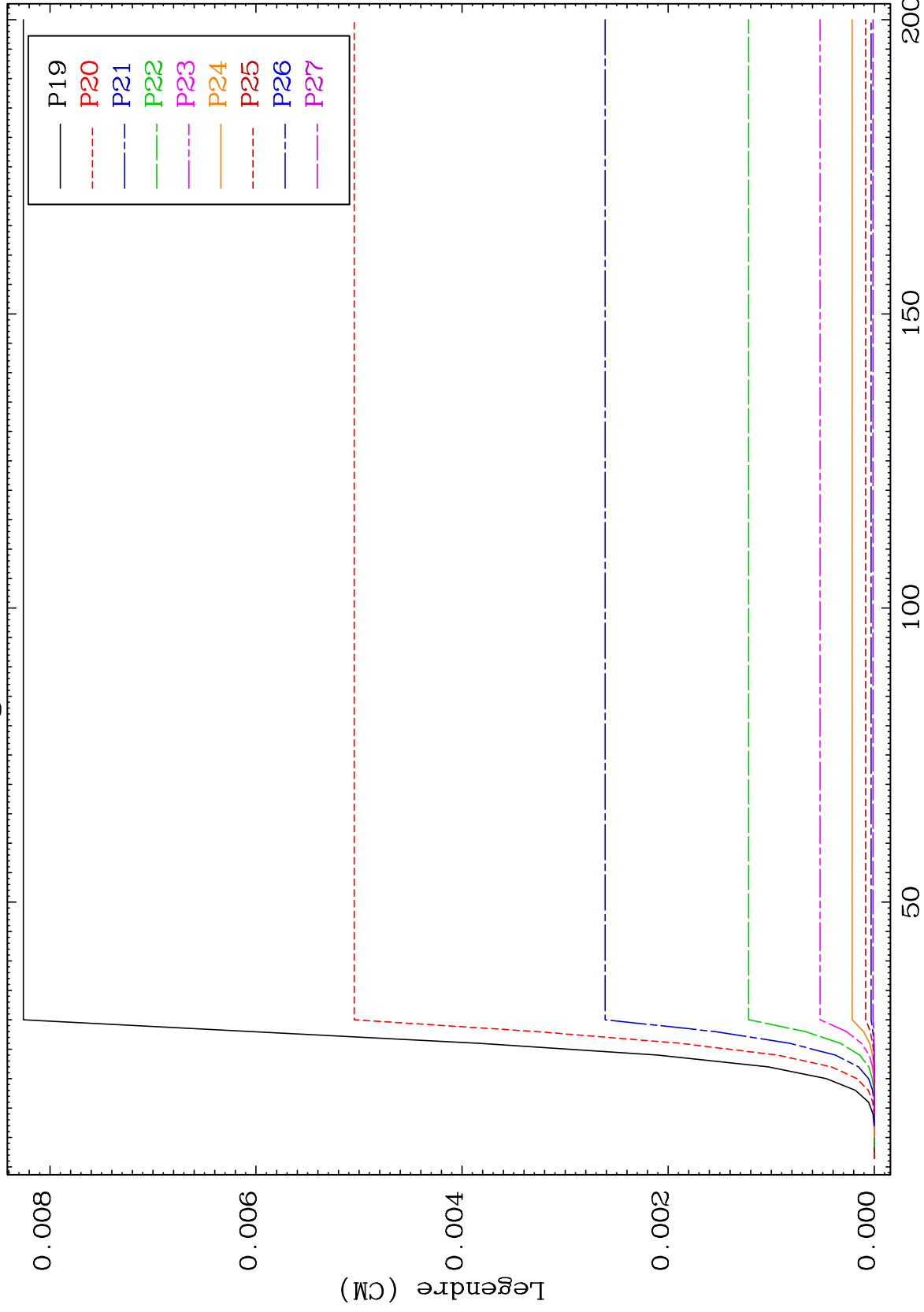
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



35

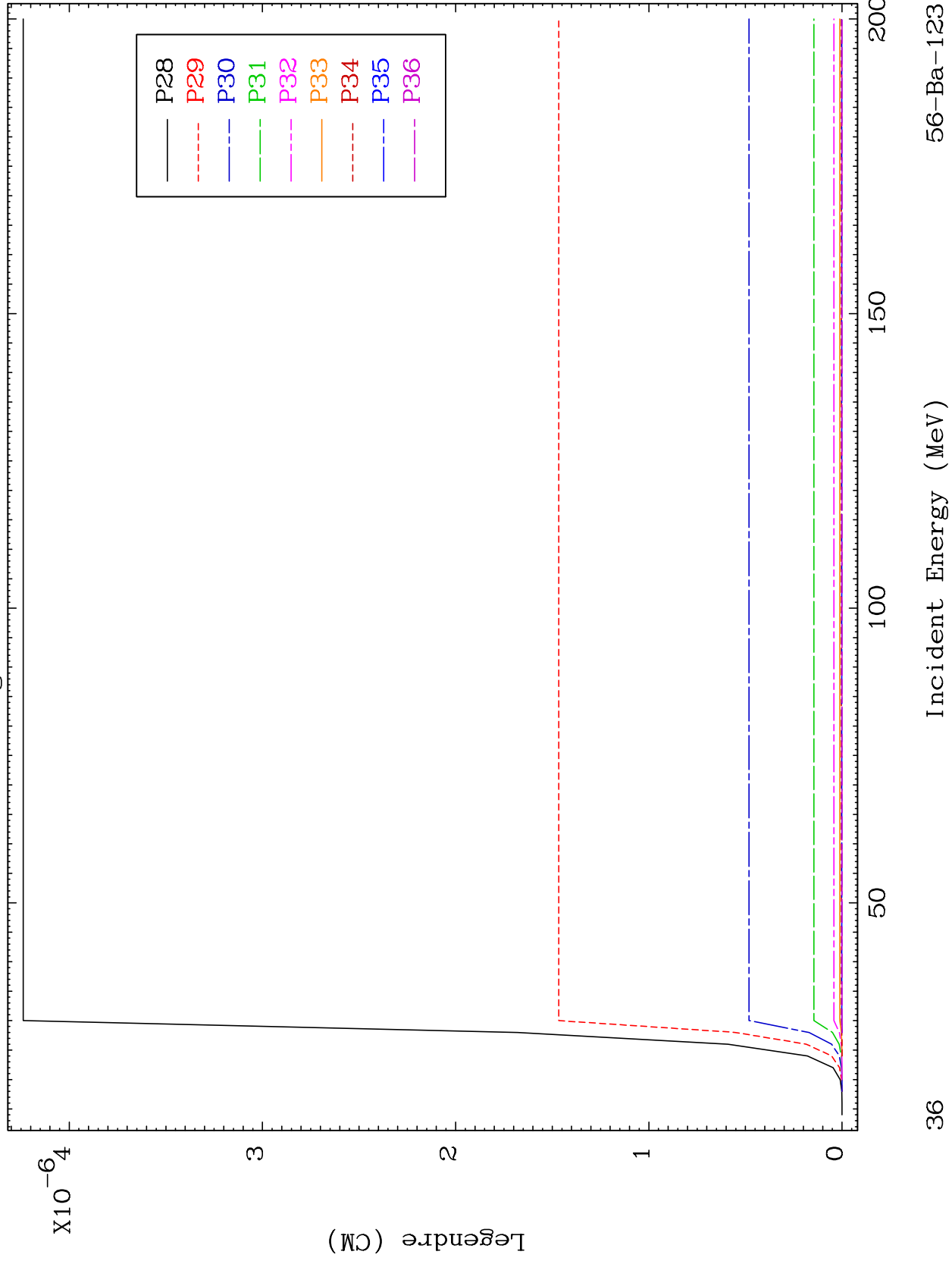
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



36

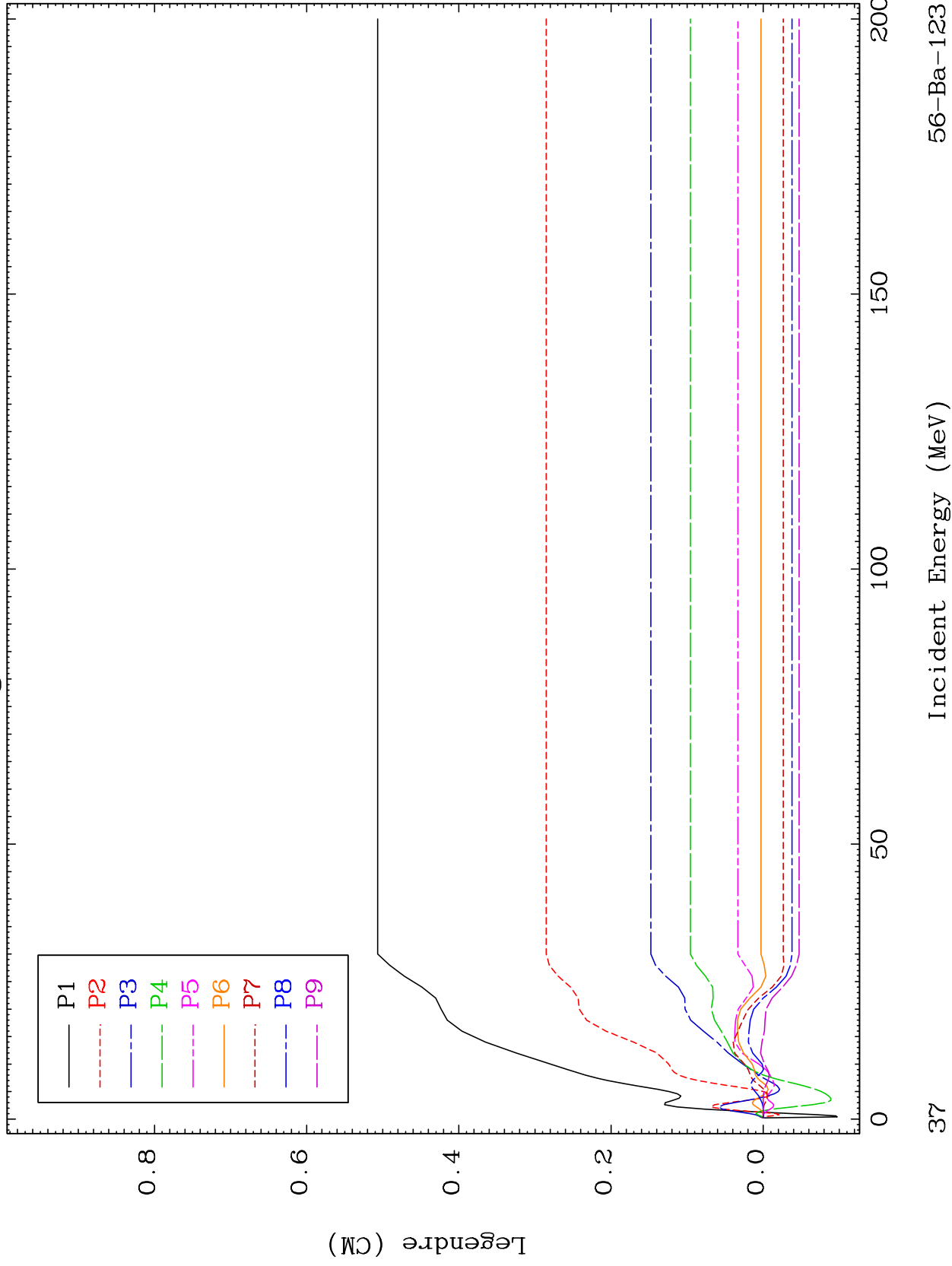
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



56-Ba-123

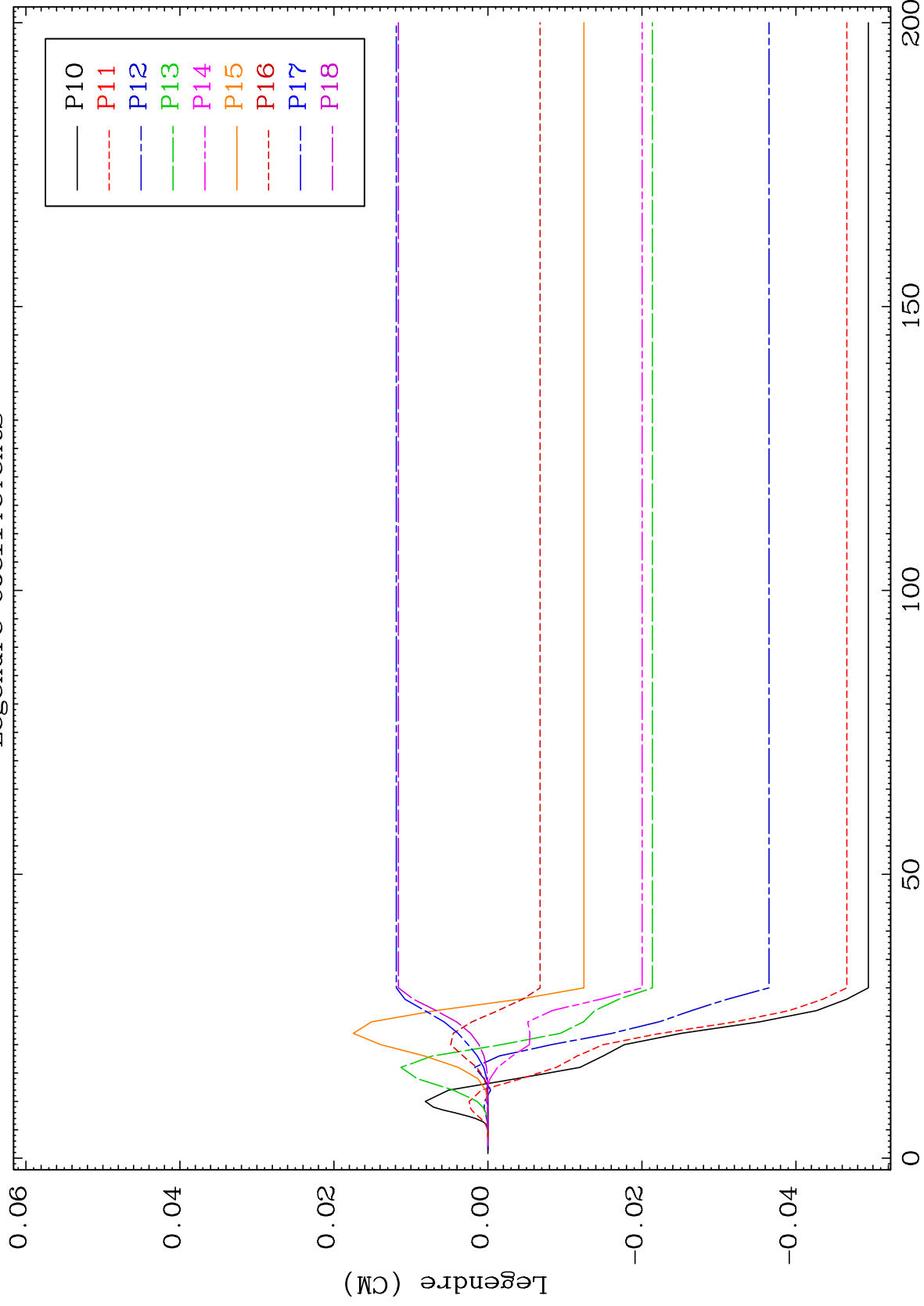
Incident Energy (MeV)

37

MAT 5604

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

56-Ba-123



38

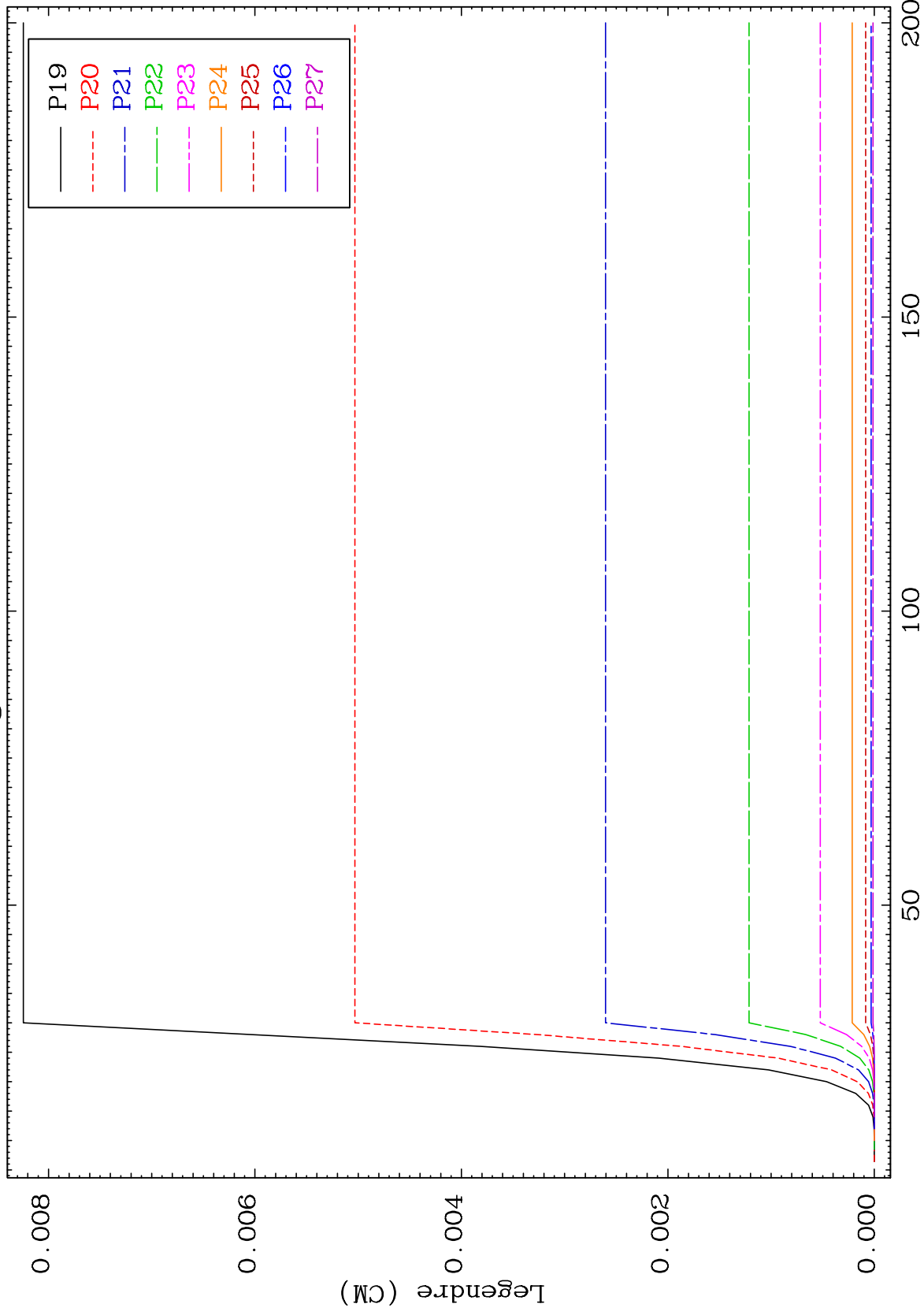
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



39

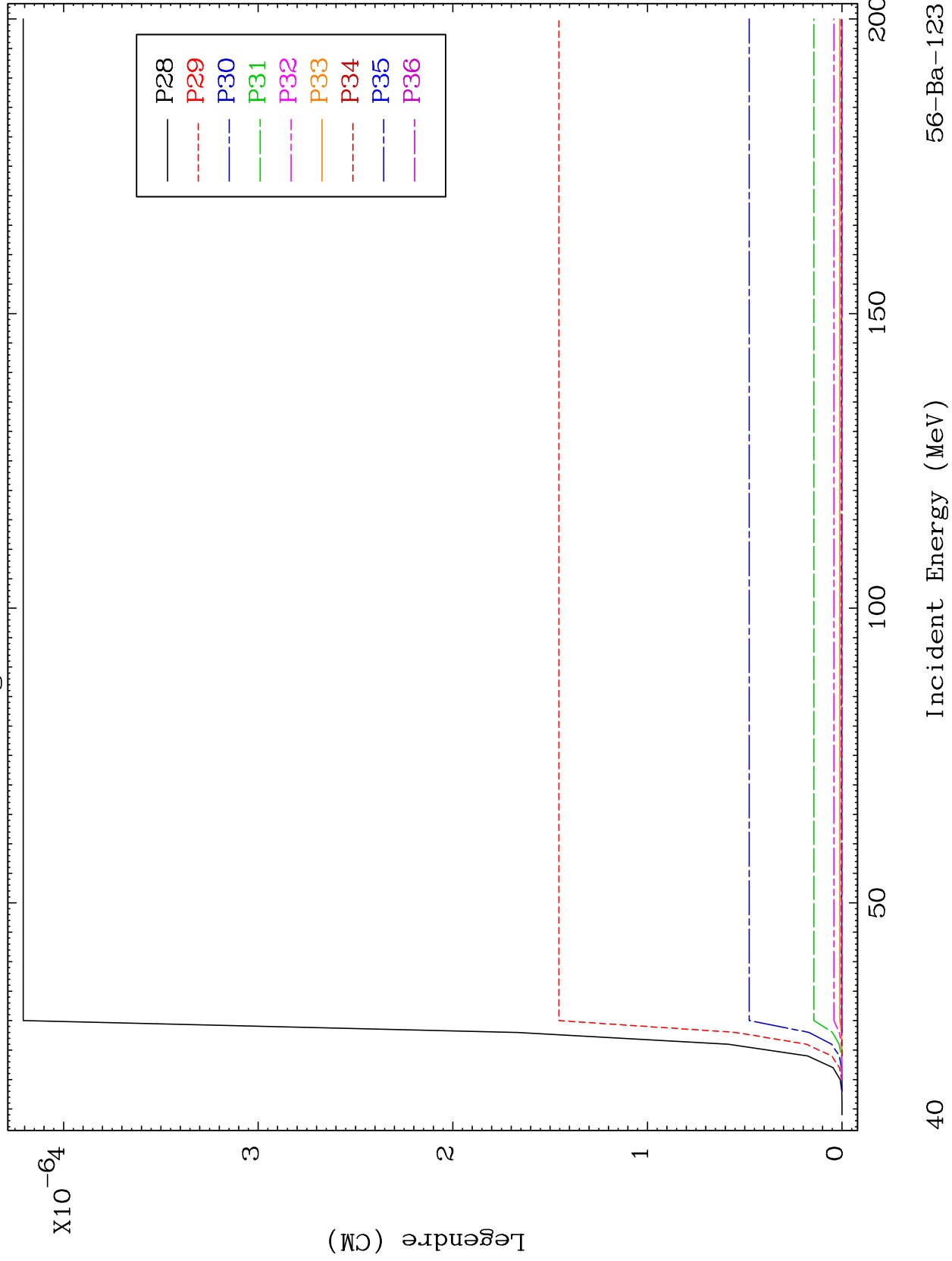
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

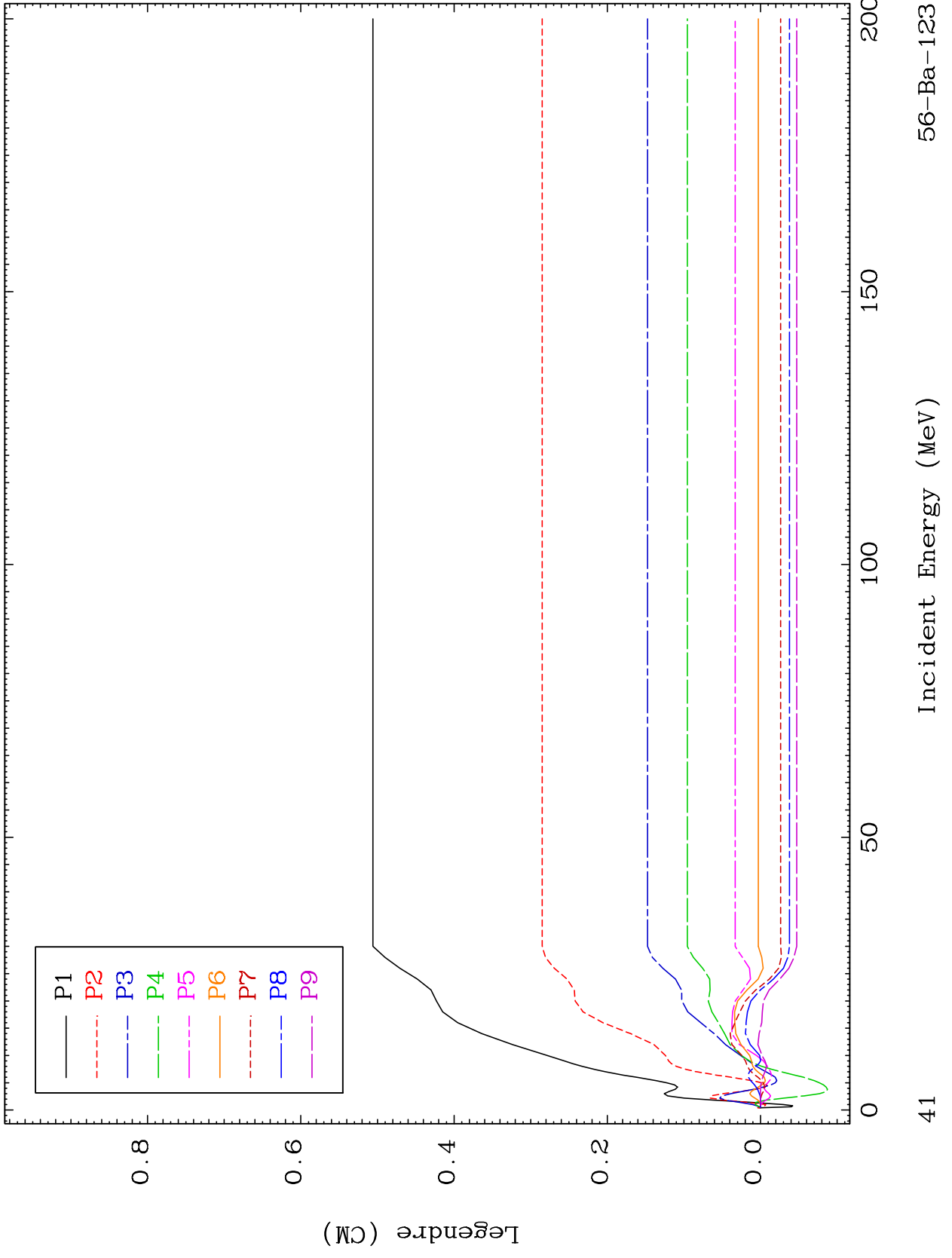
56-Ba-123



MAT 5604

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

56-Ba-123



41

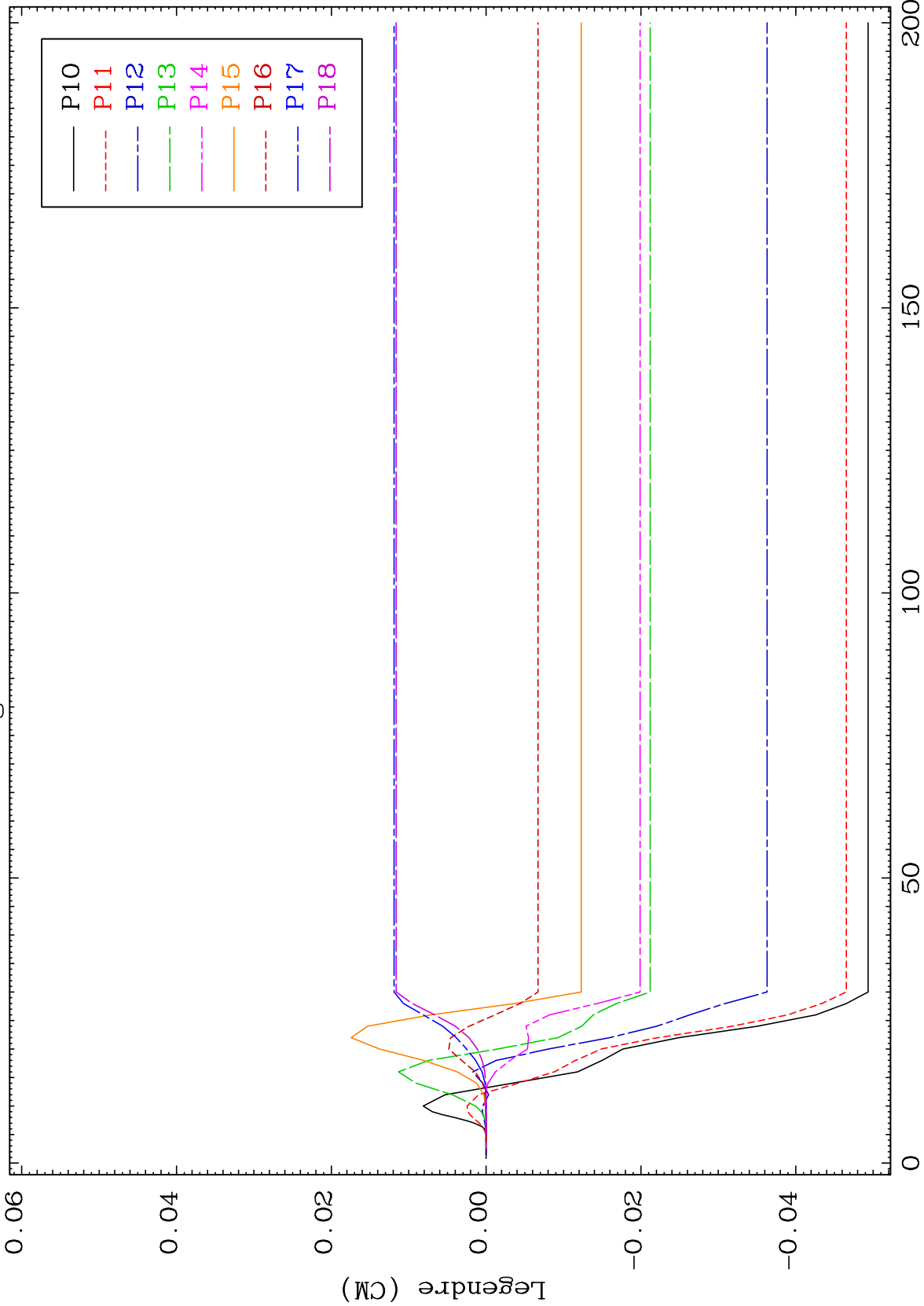
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



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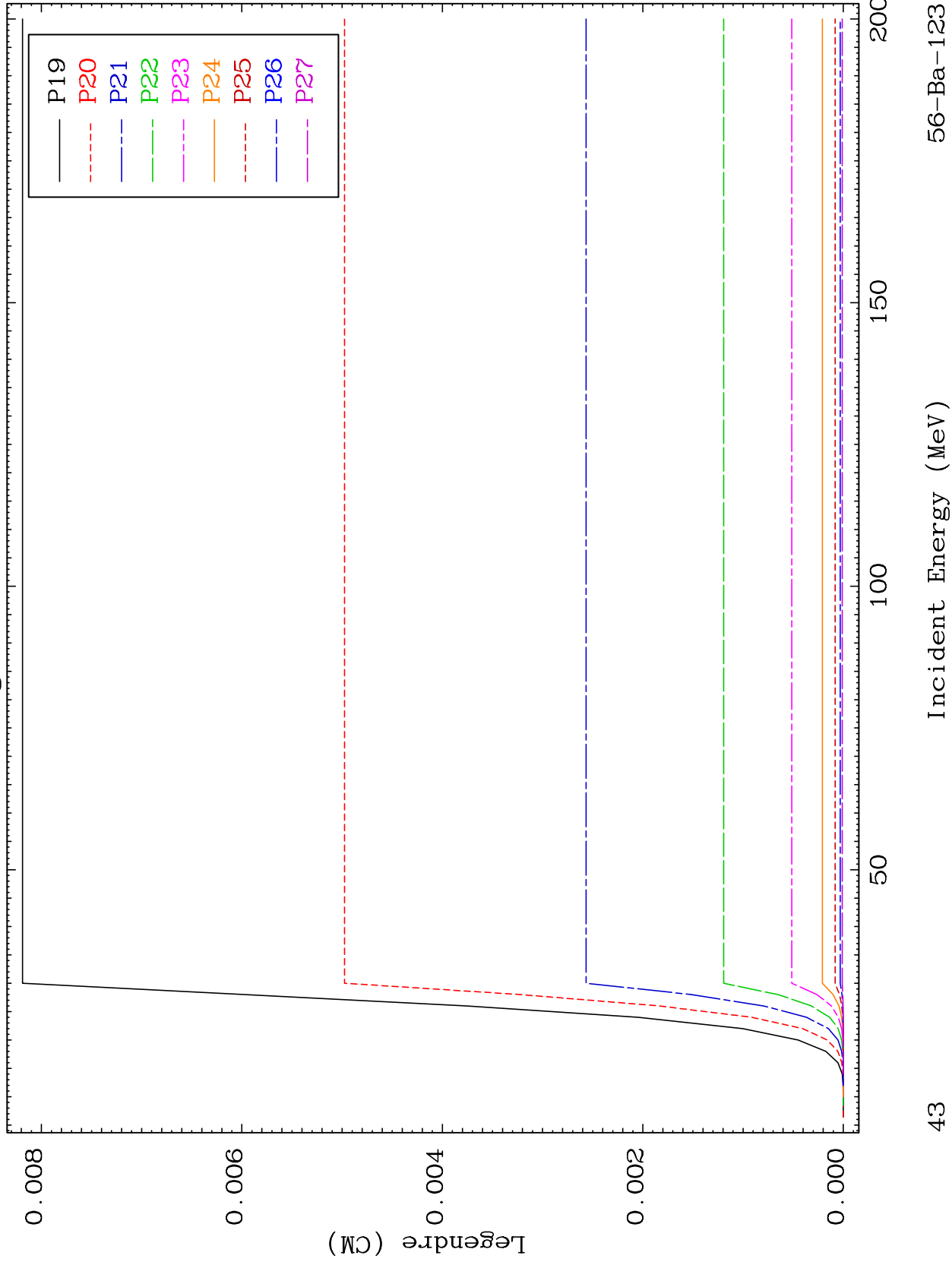
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



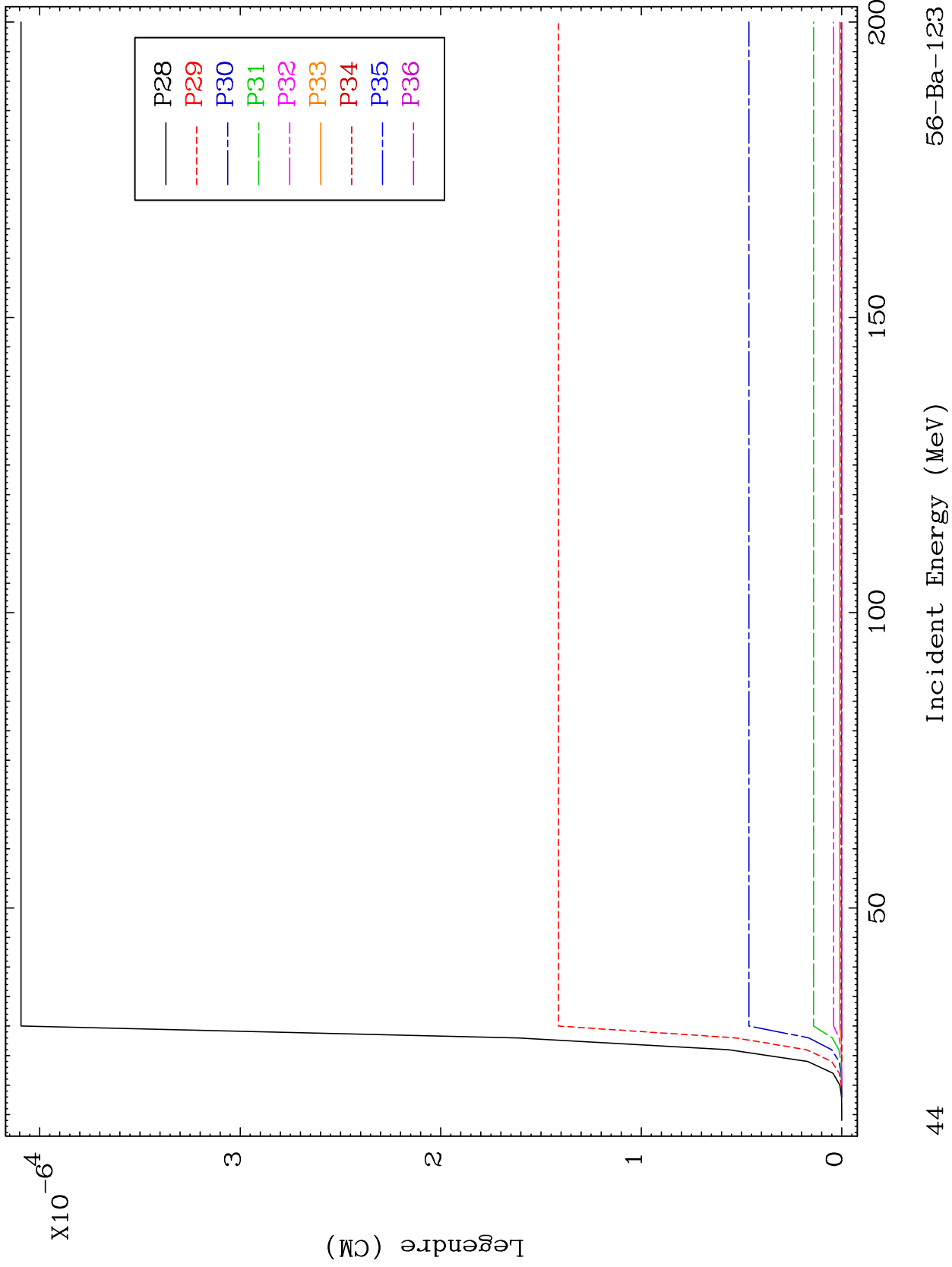
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56-Ba-123

MAT 5604

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

56-Ba-123



44

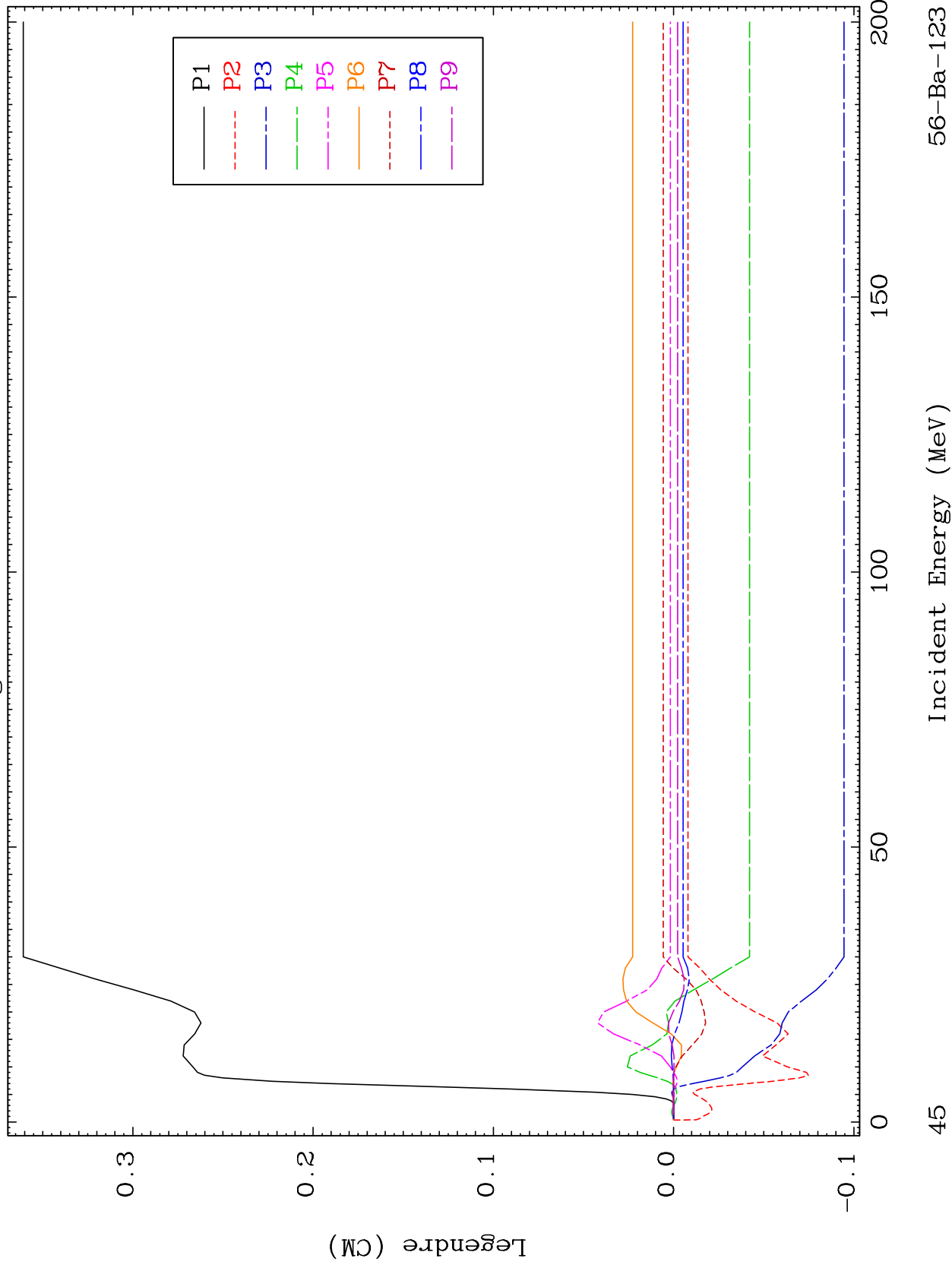
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



56-Ba-123

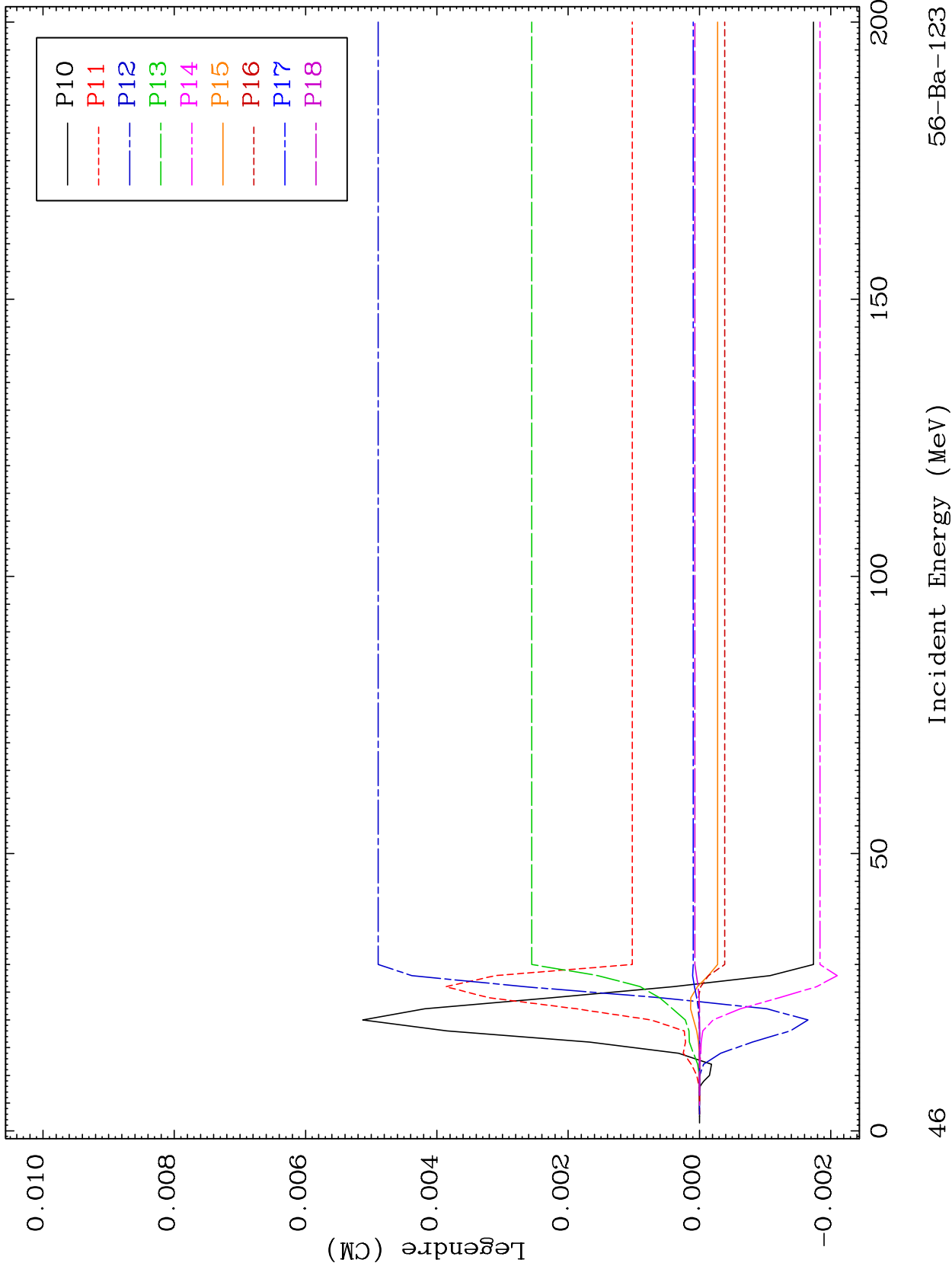
Incident Energy (MeV)

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MAT 5604

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

56-Ba-123



56-Ba-123

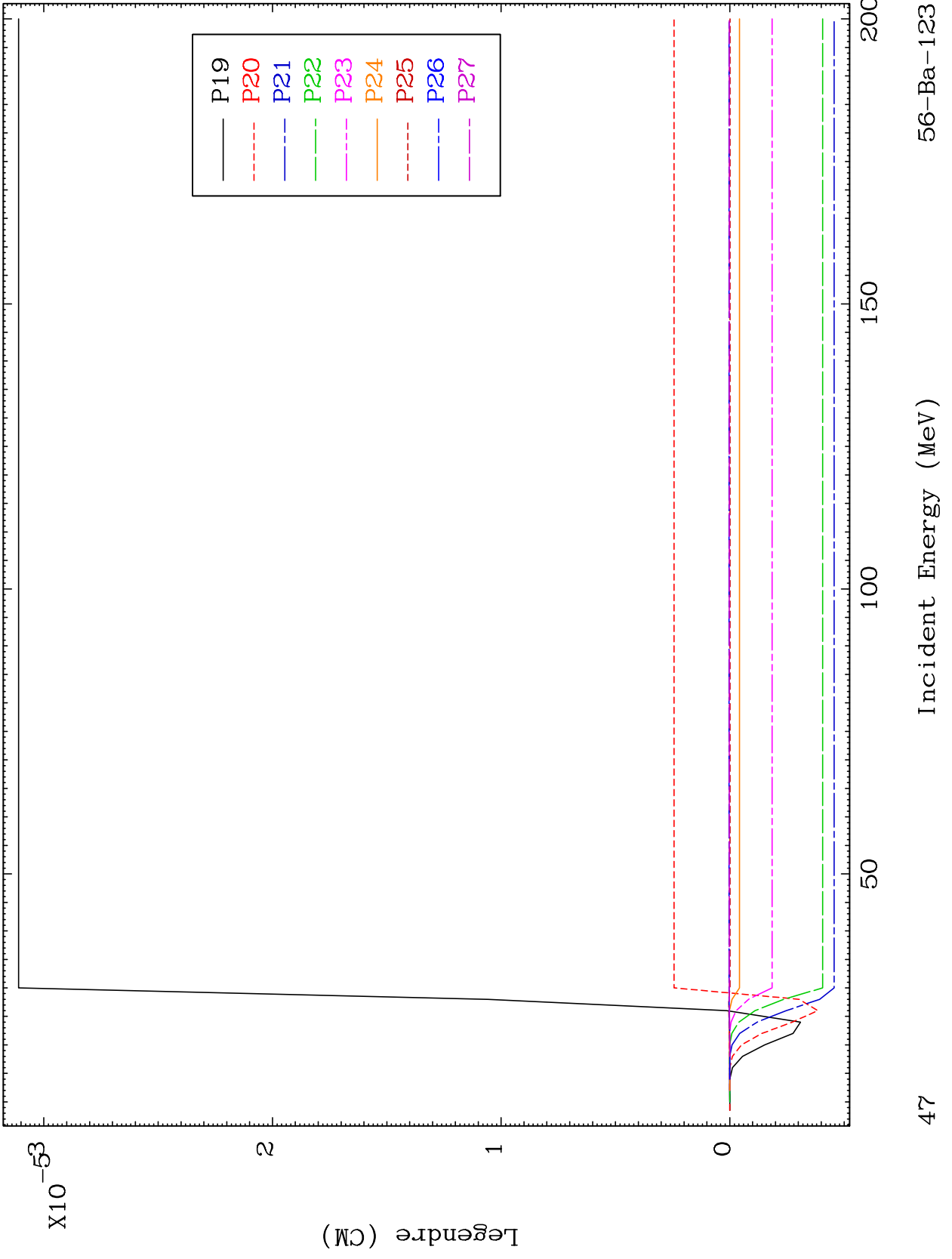
Incident Energy (MeV)

46

MAT 5604

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

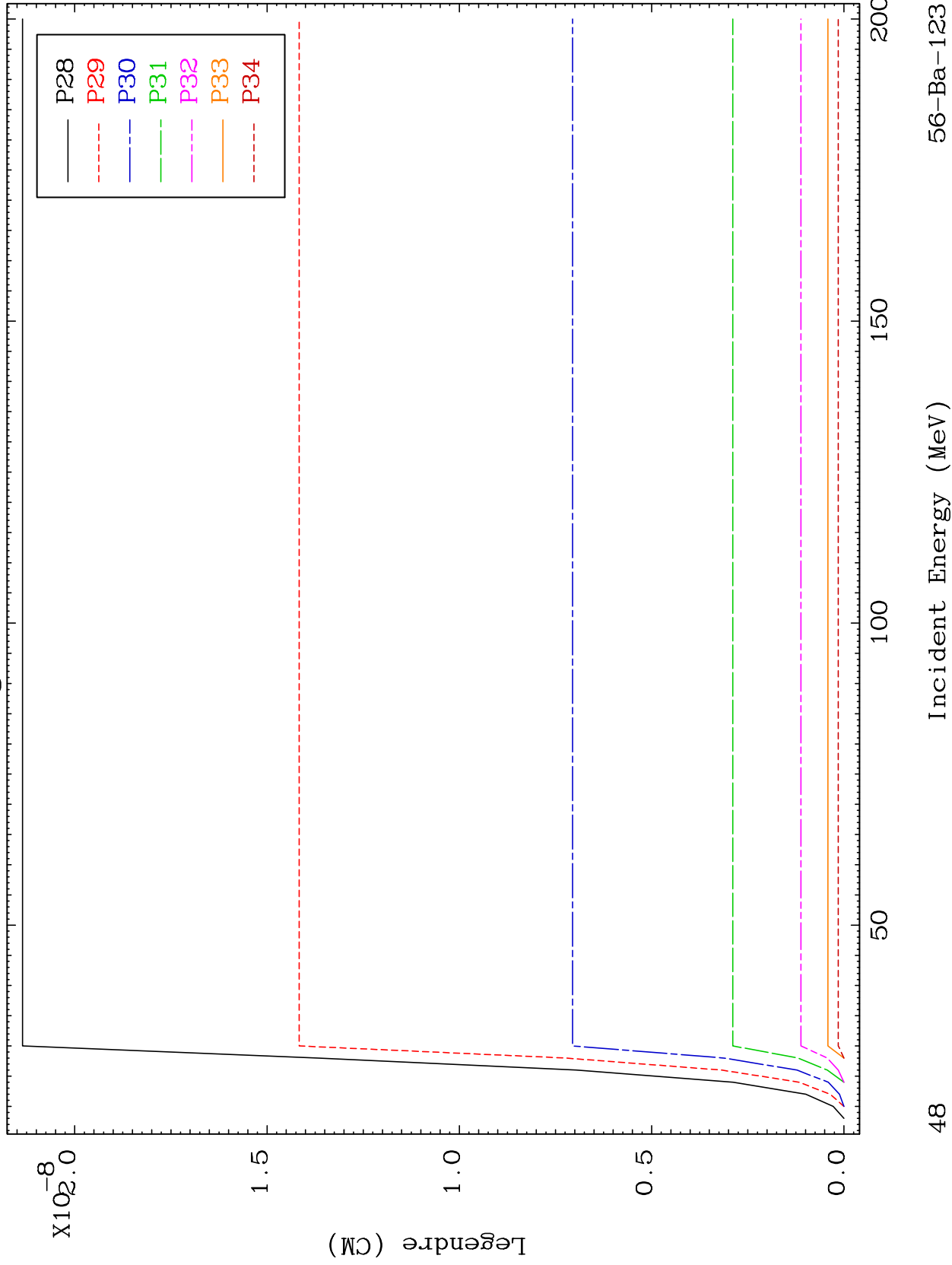
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MAT 5604

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

56-Ba-123



48

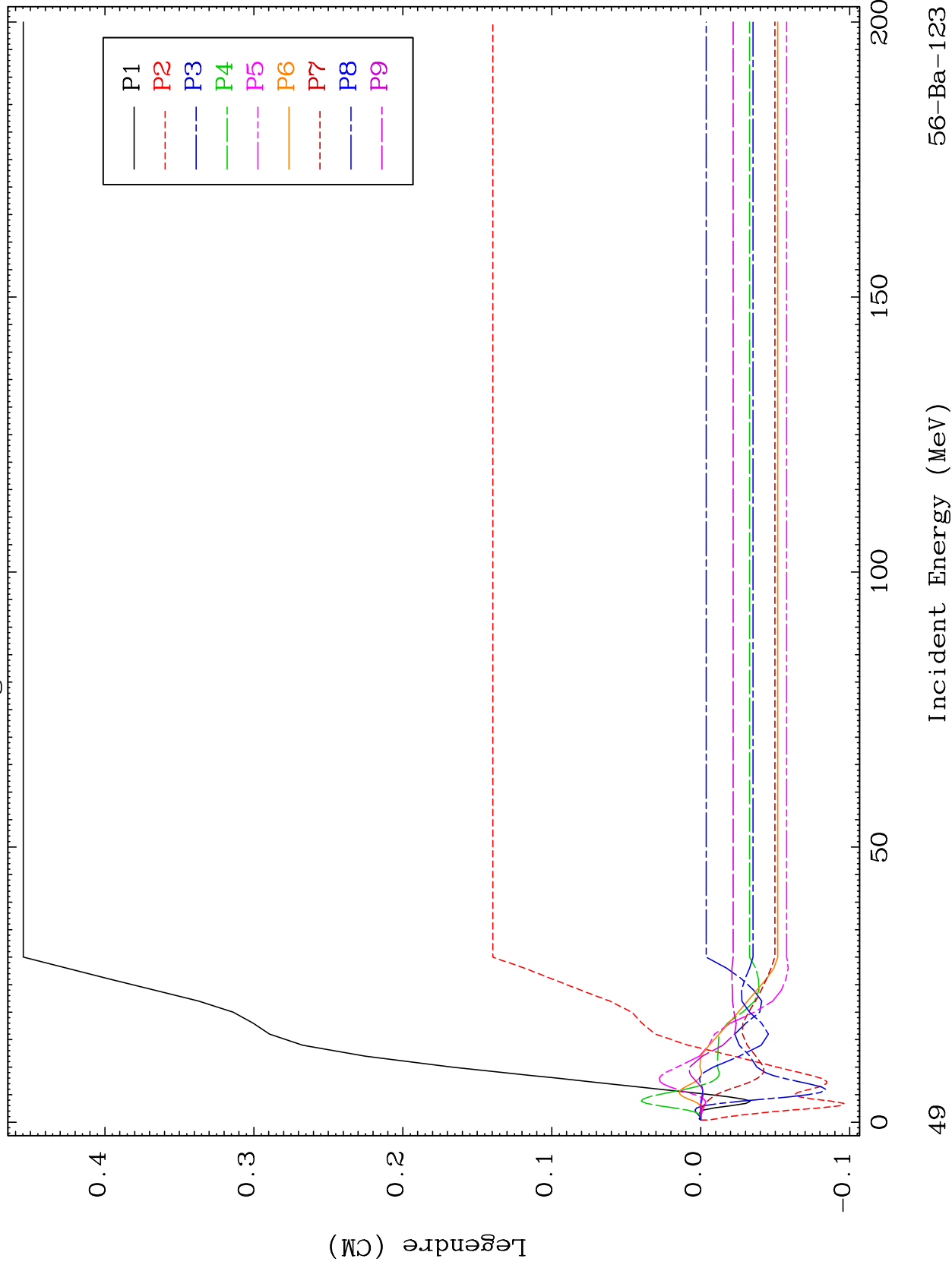
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



56-Ba-123

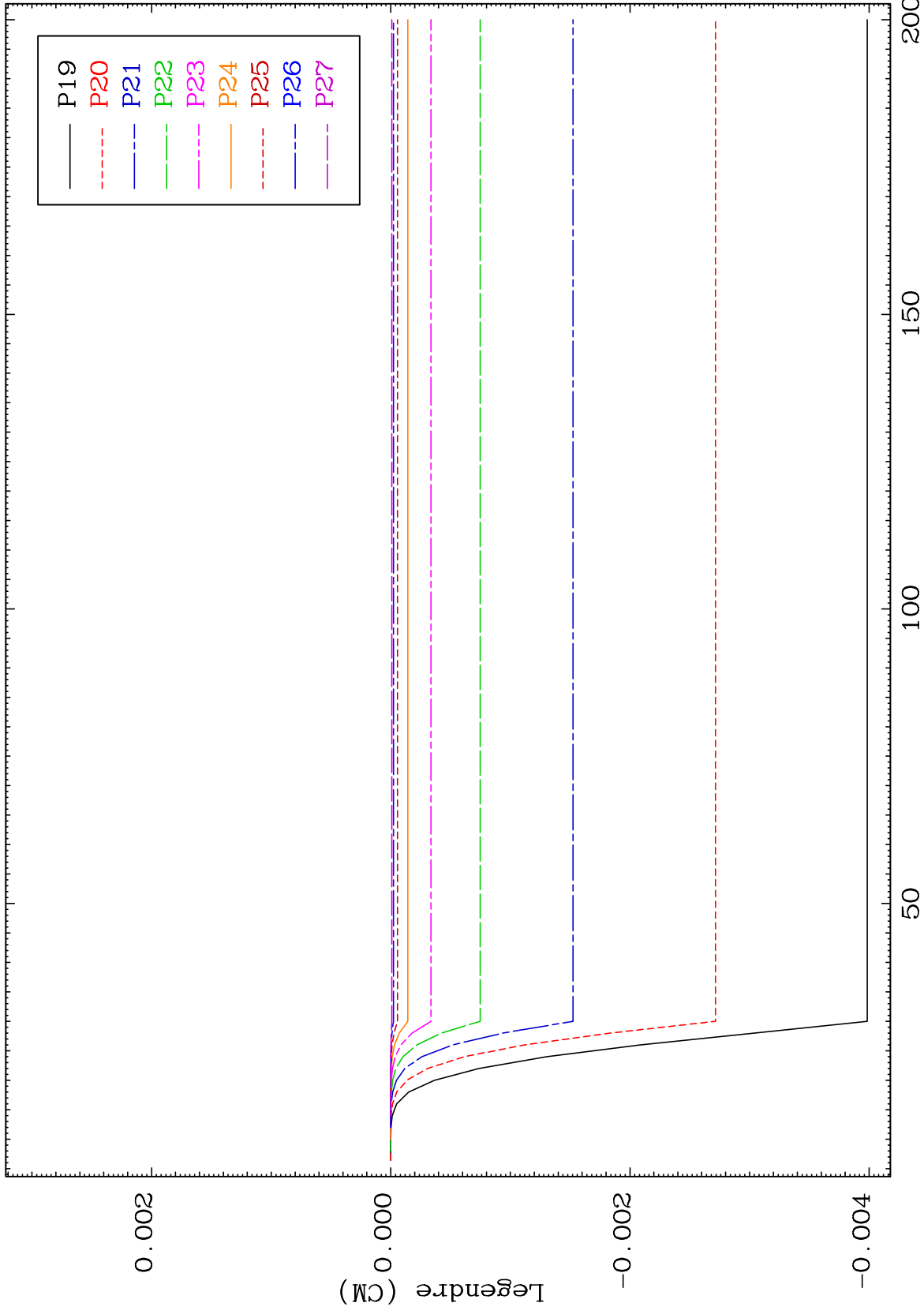
Incident Energy (MeV)

49

MAT 5604

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

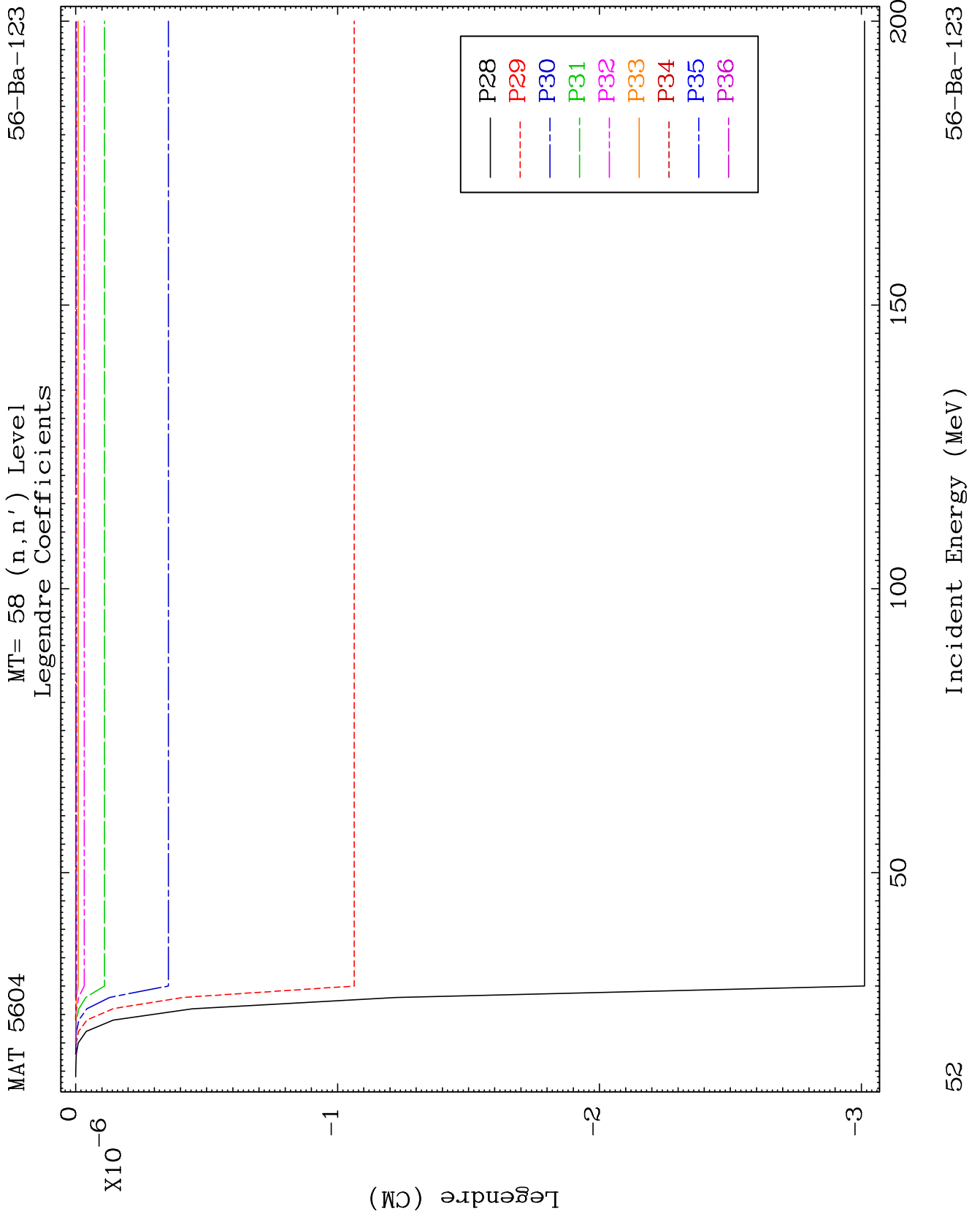
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51

Incident Energy (MeV)

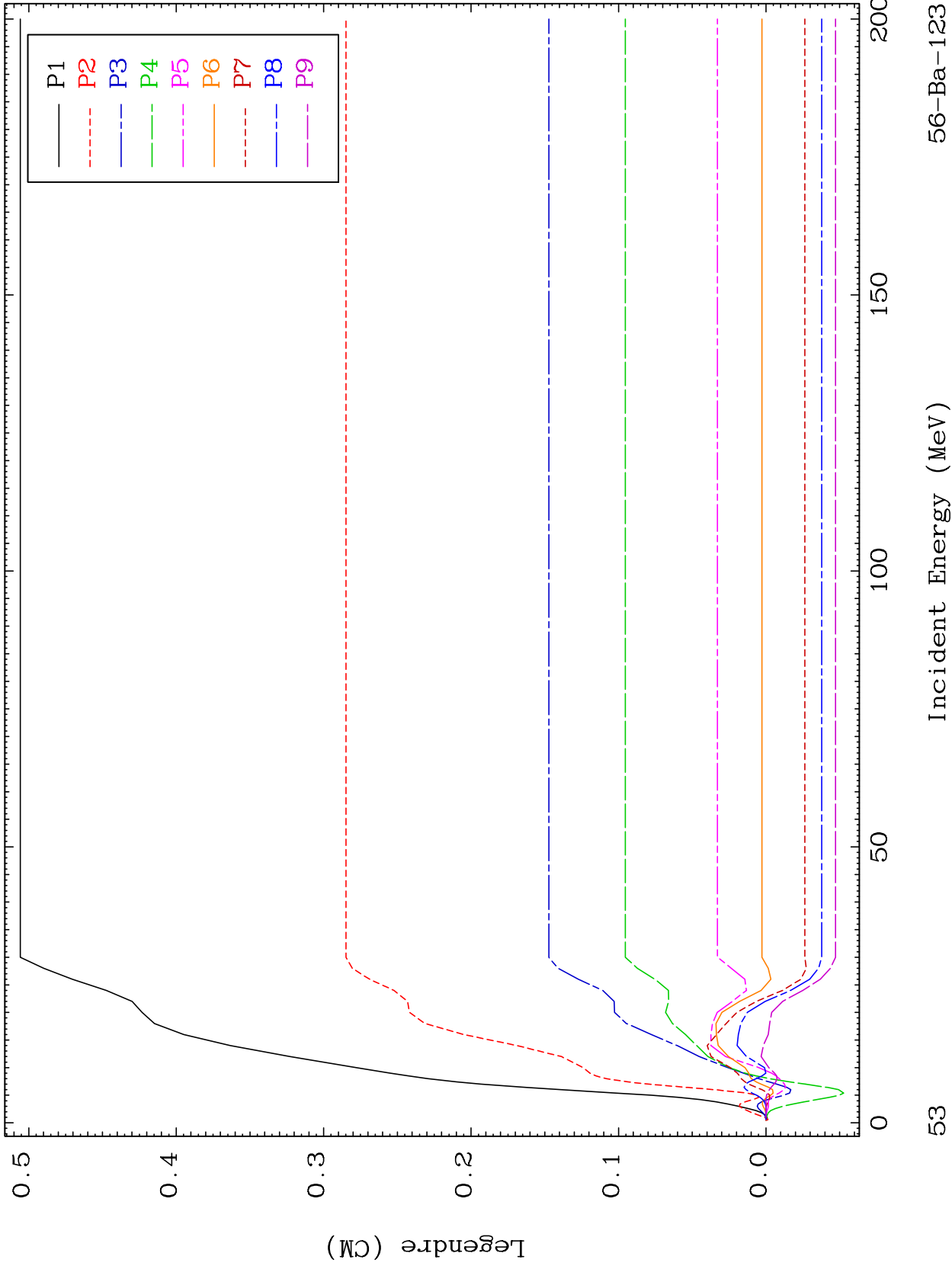
56-Ba-123



MAT 5604

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

56-Ba-123



56-Ba-123

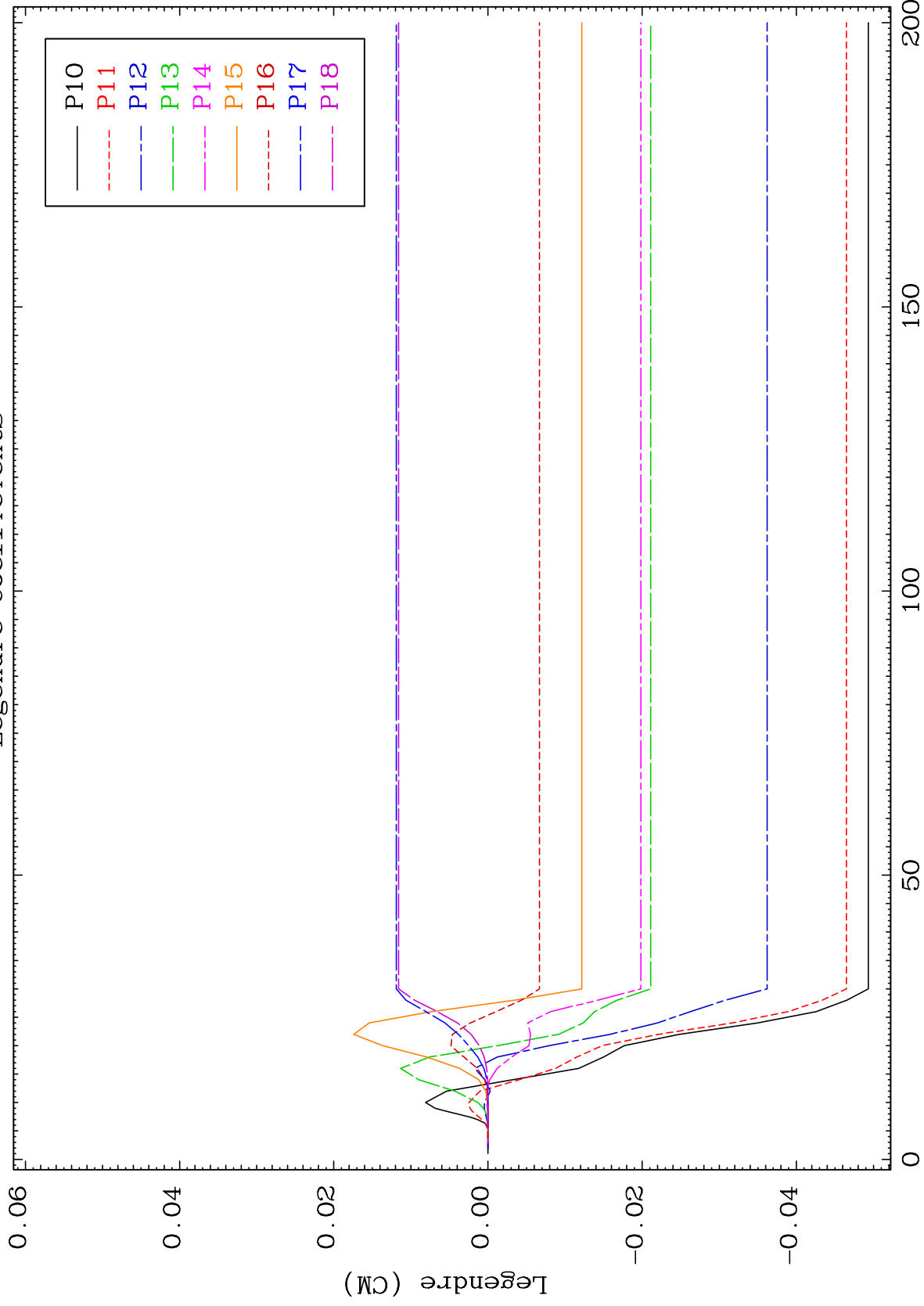
Incident Energy (MeV)

53

MAT 5604

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

56-Ba-123



54

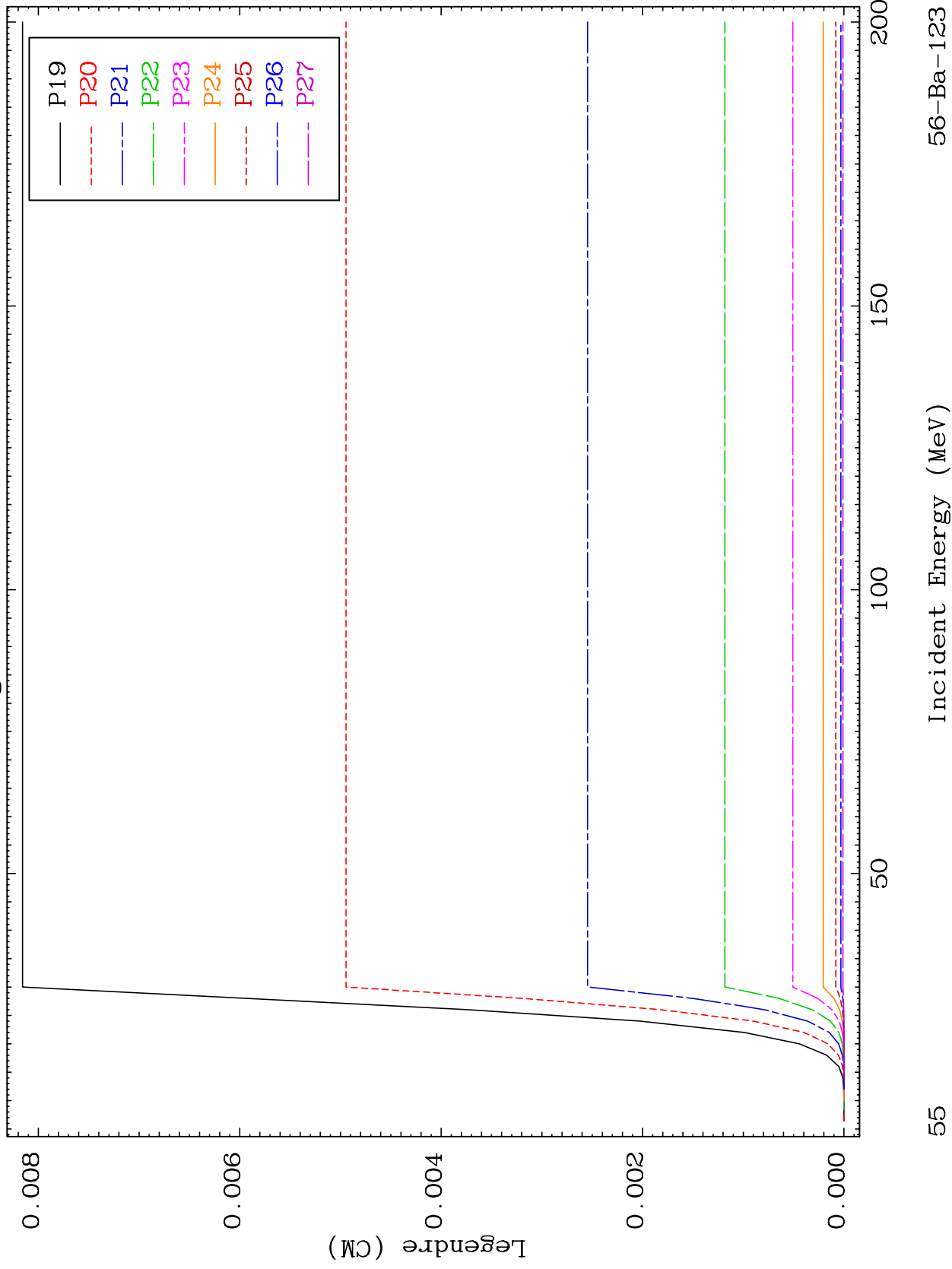
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



56-Ba-123

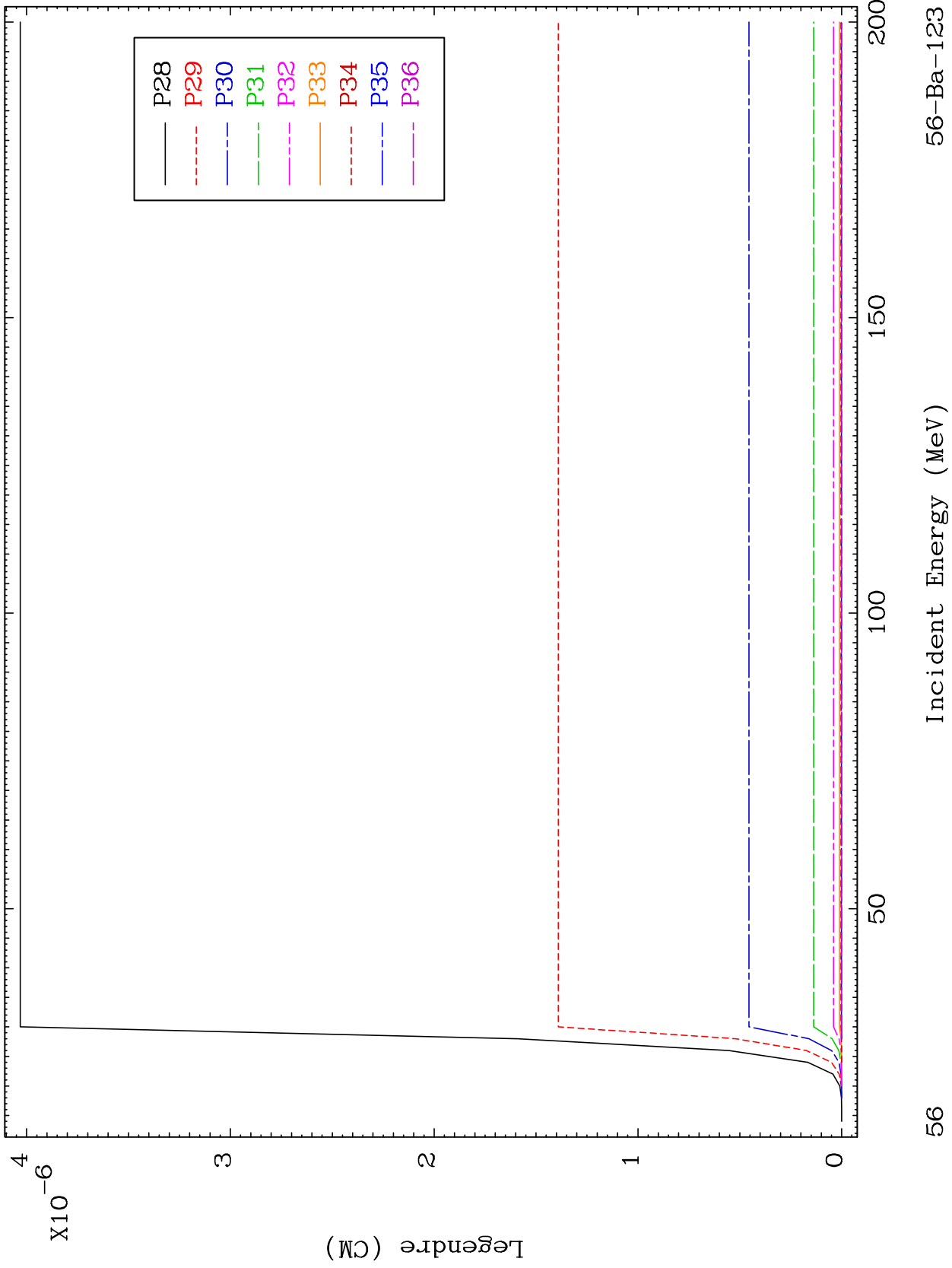
Incident Energy (MeV)

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MAT 5604

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

56-Ba-123



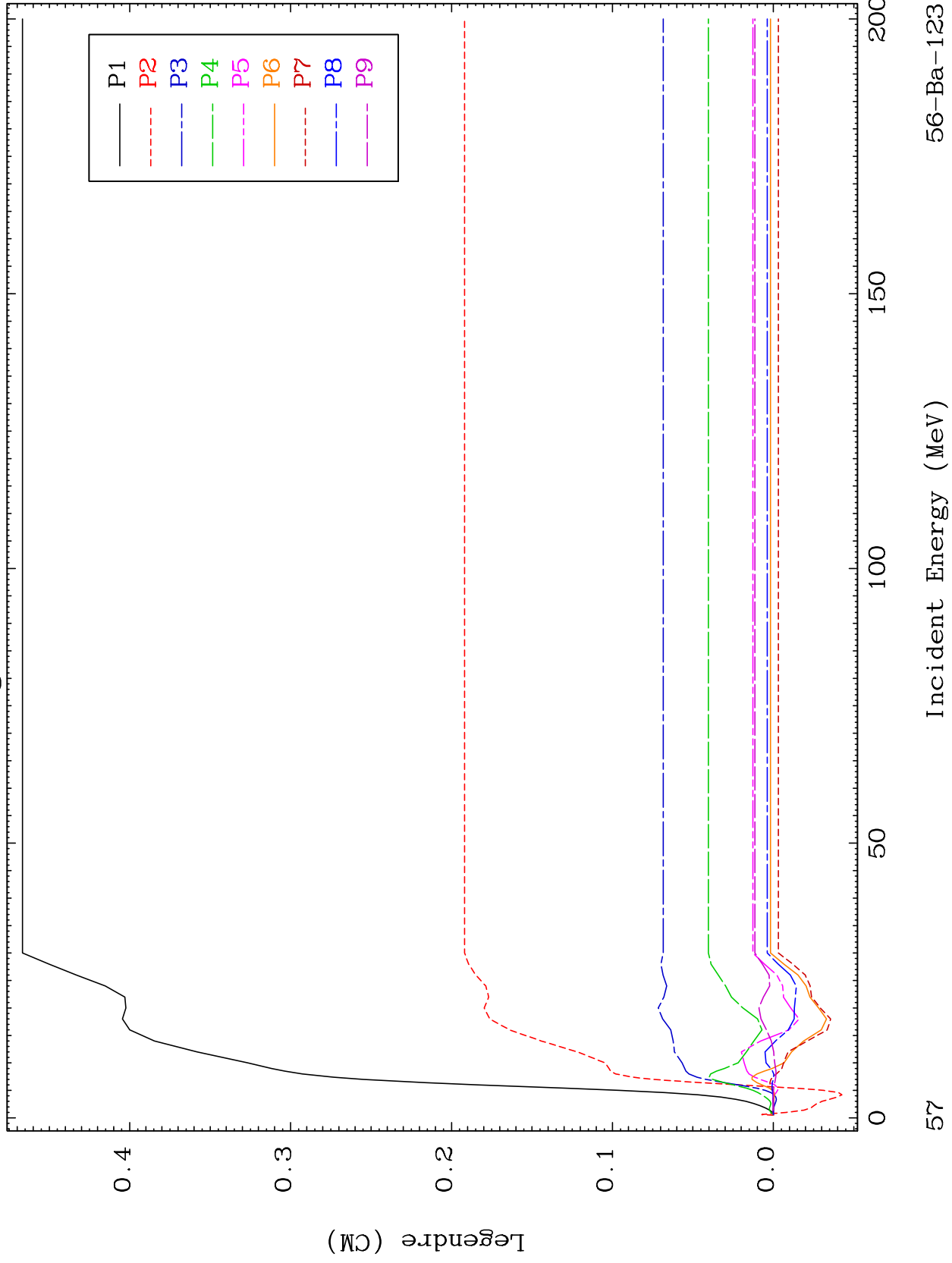
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56-Ba-123

MAT 5604

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

56-Ba-123



56-Ba-123

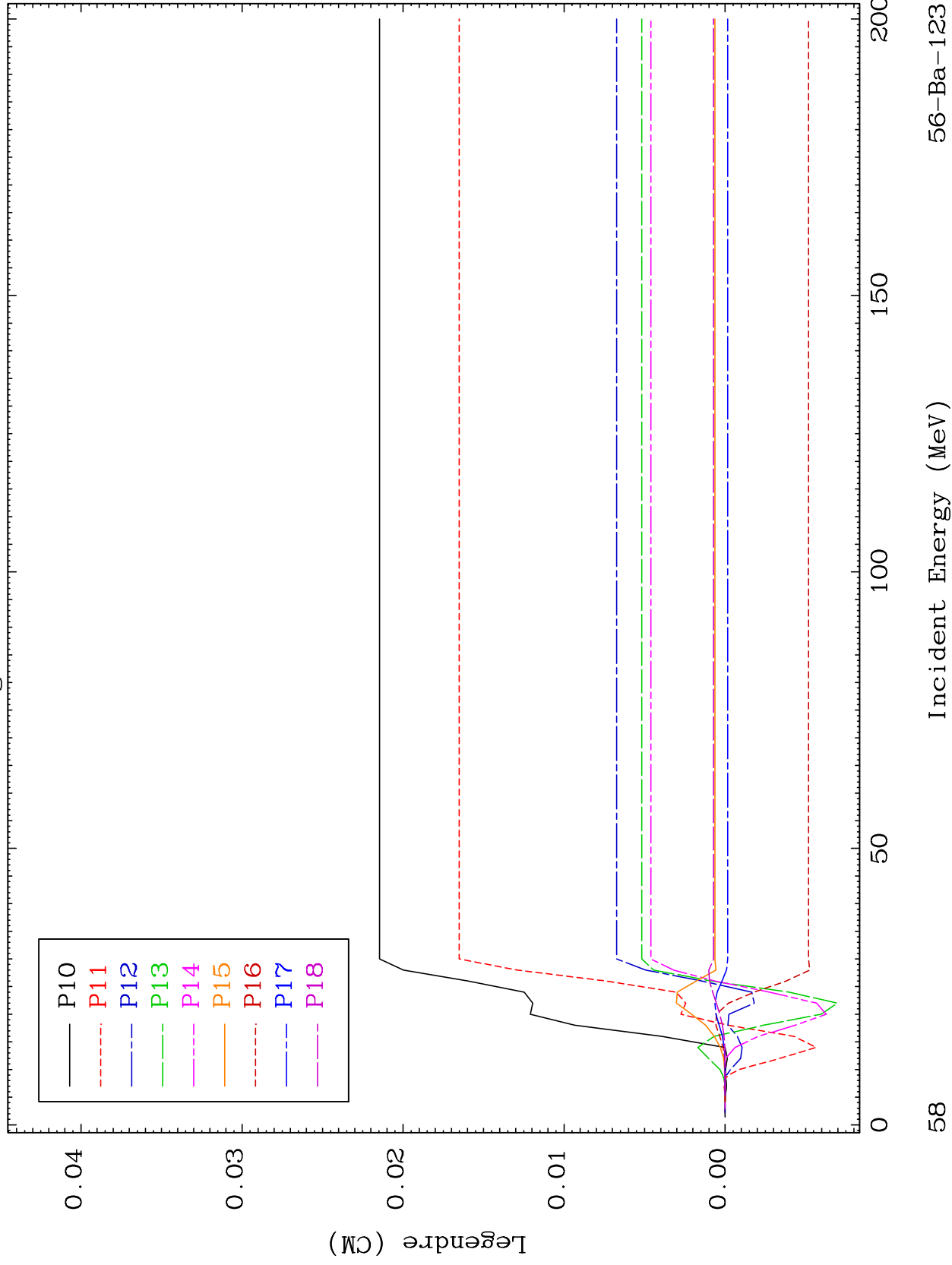
Incident Energy (MeV)

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MAT 5604

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

56-Ba-123



56-Ba-123

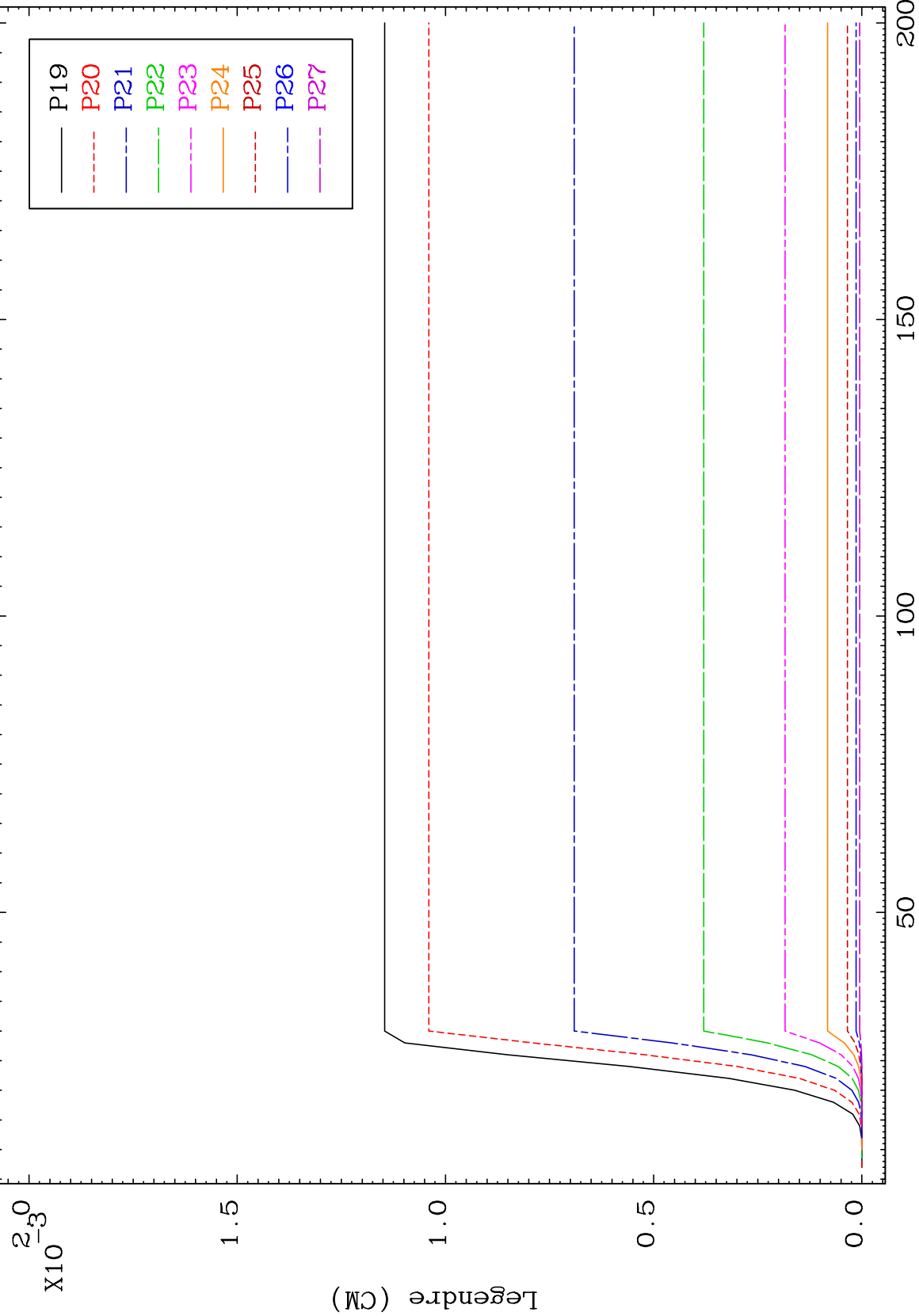
Incident Energy (MeV)

58

MAT 5604

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

56-Ba-123



59

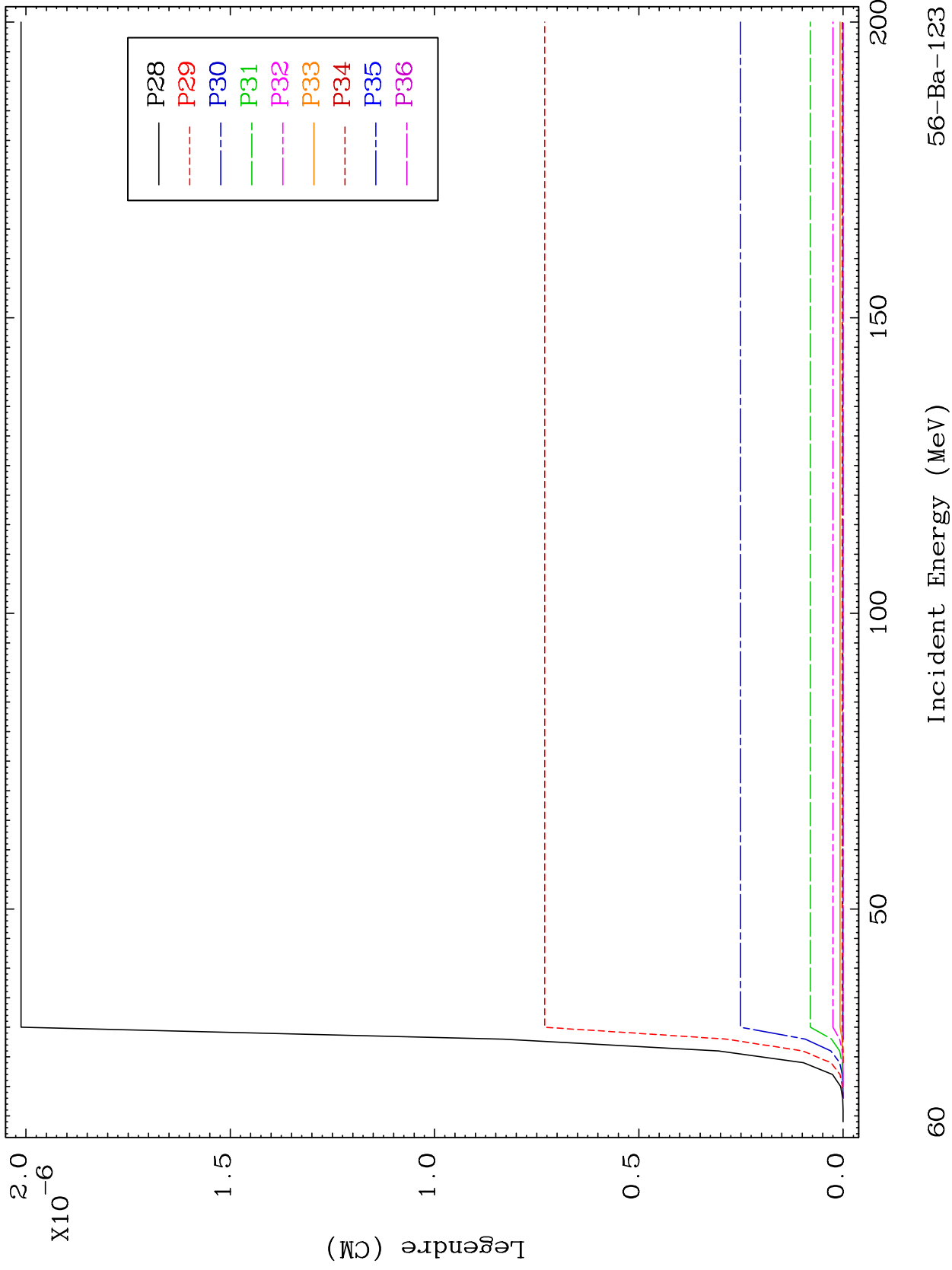
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



56-Ba-123

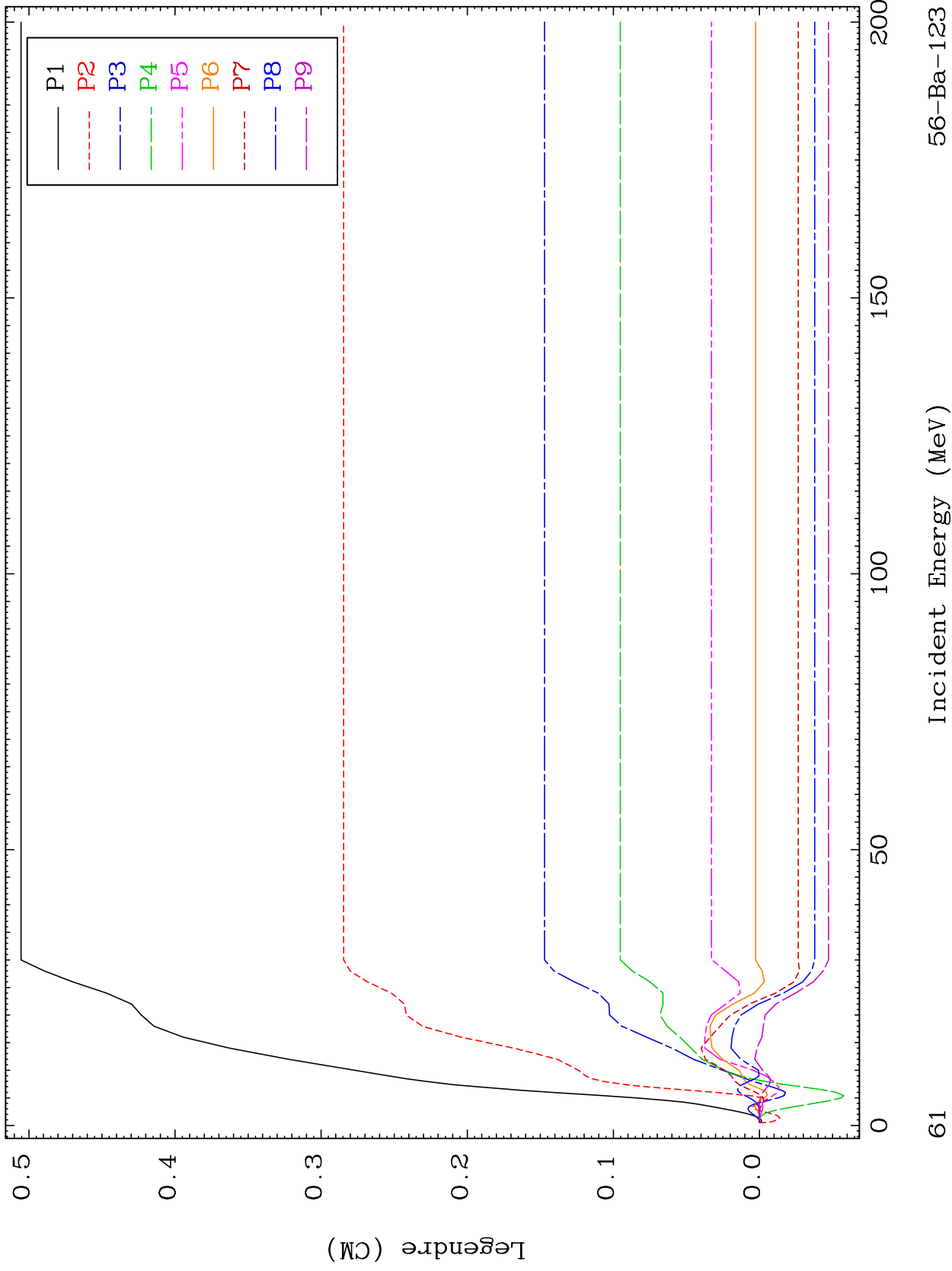
Incident Energy (MeV)

60

MAT 5604

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

56-Ba-123



56-Ba-123

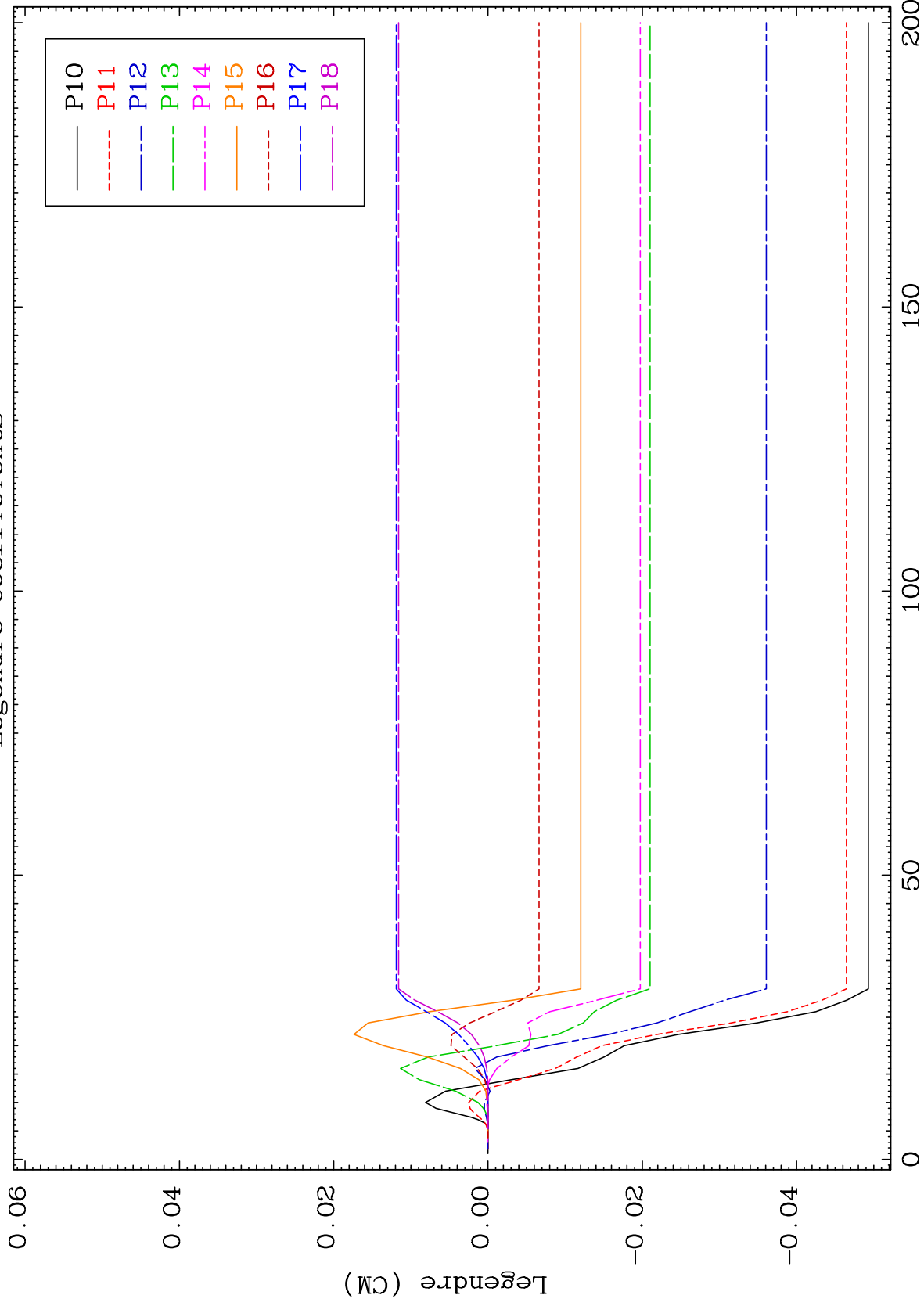
Incident Energy (MeV)

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MAT 5604

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

56-Ba-123



62

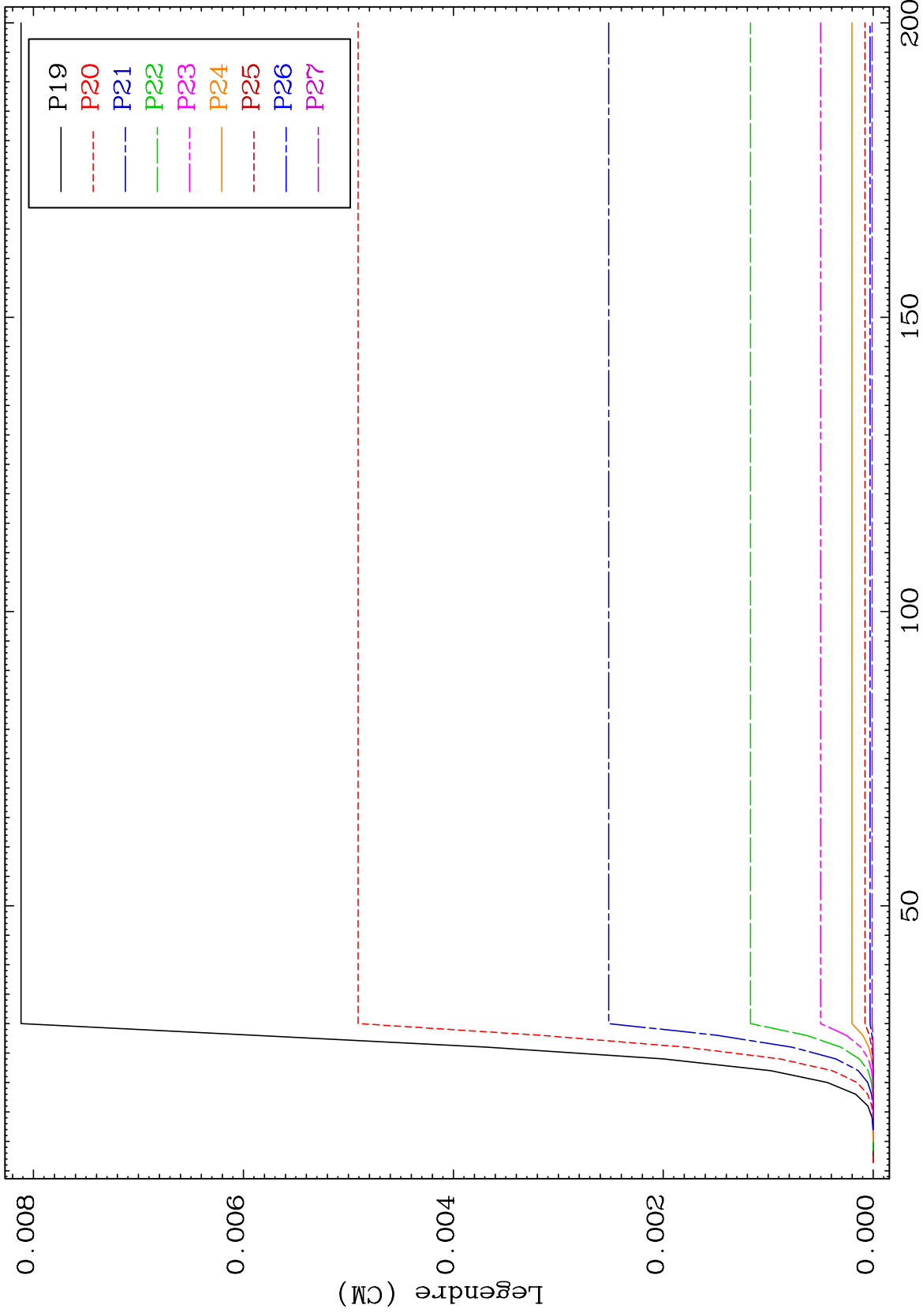
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

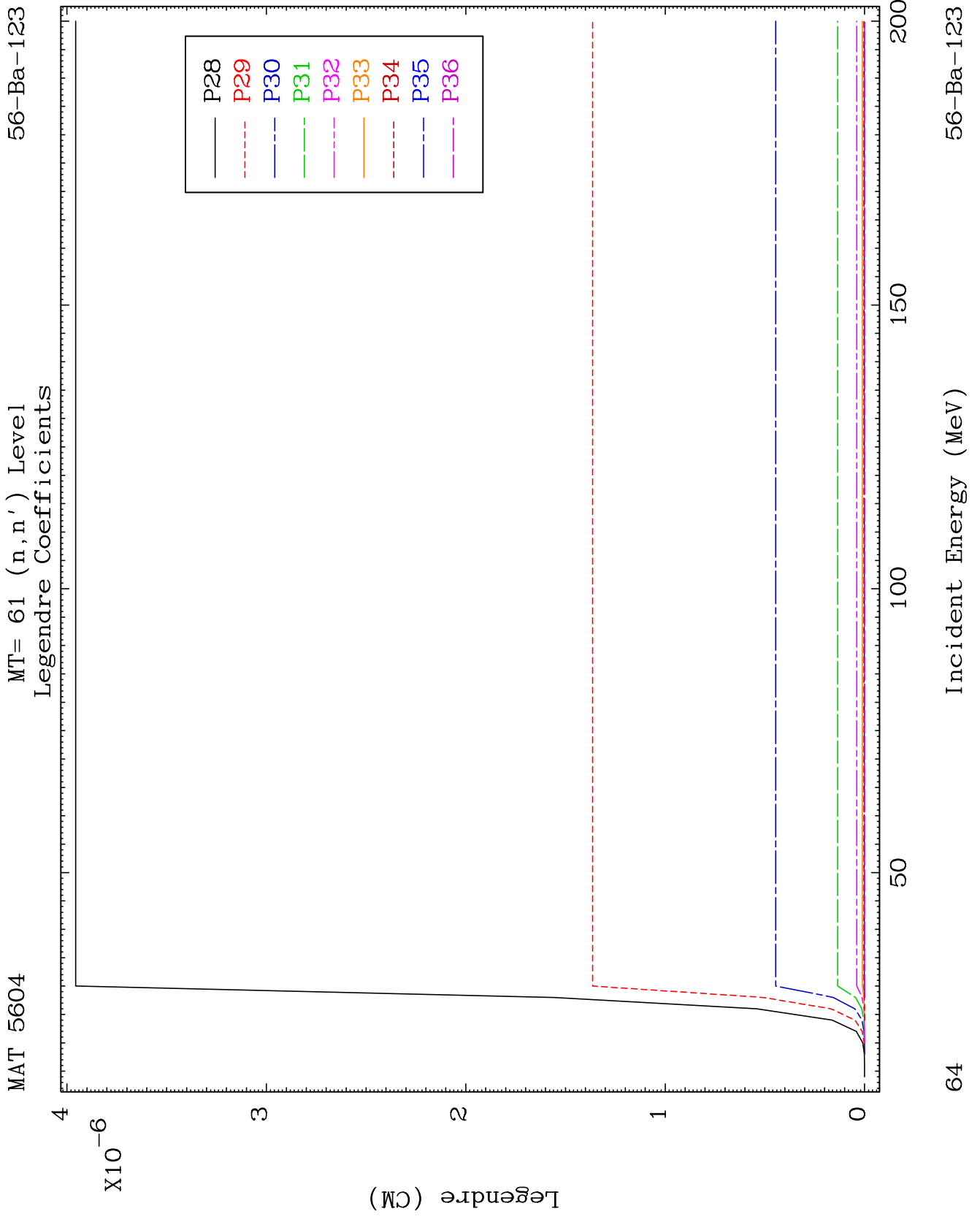
56-Ba-123



63

Incident Energy (MeV)

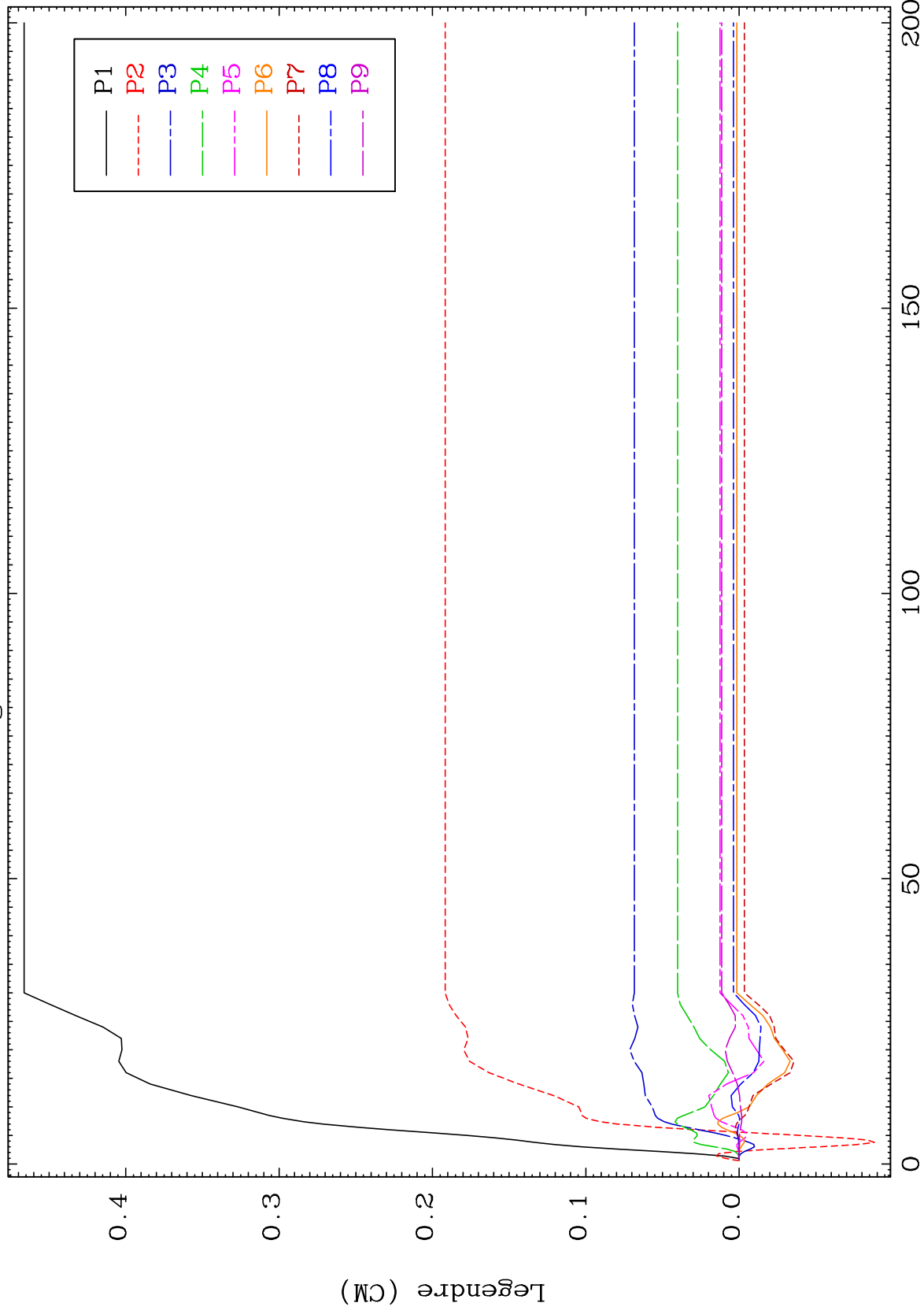
56-Ba-123



MAT 5604

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

56-Ba-123



56-Ba-123

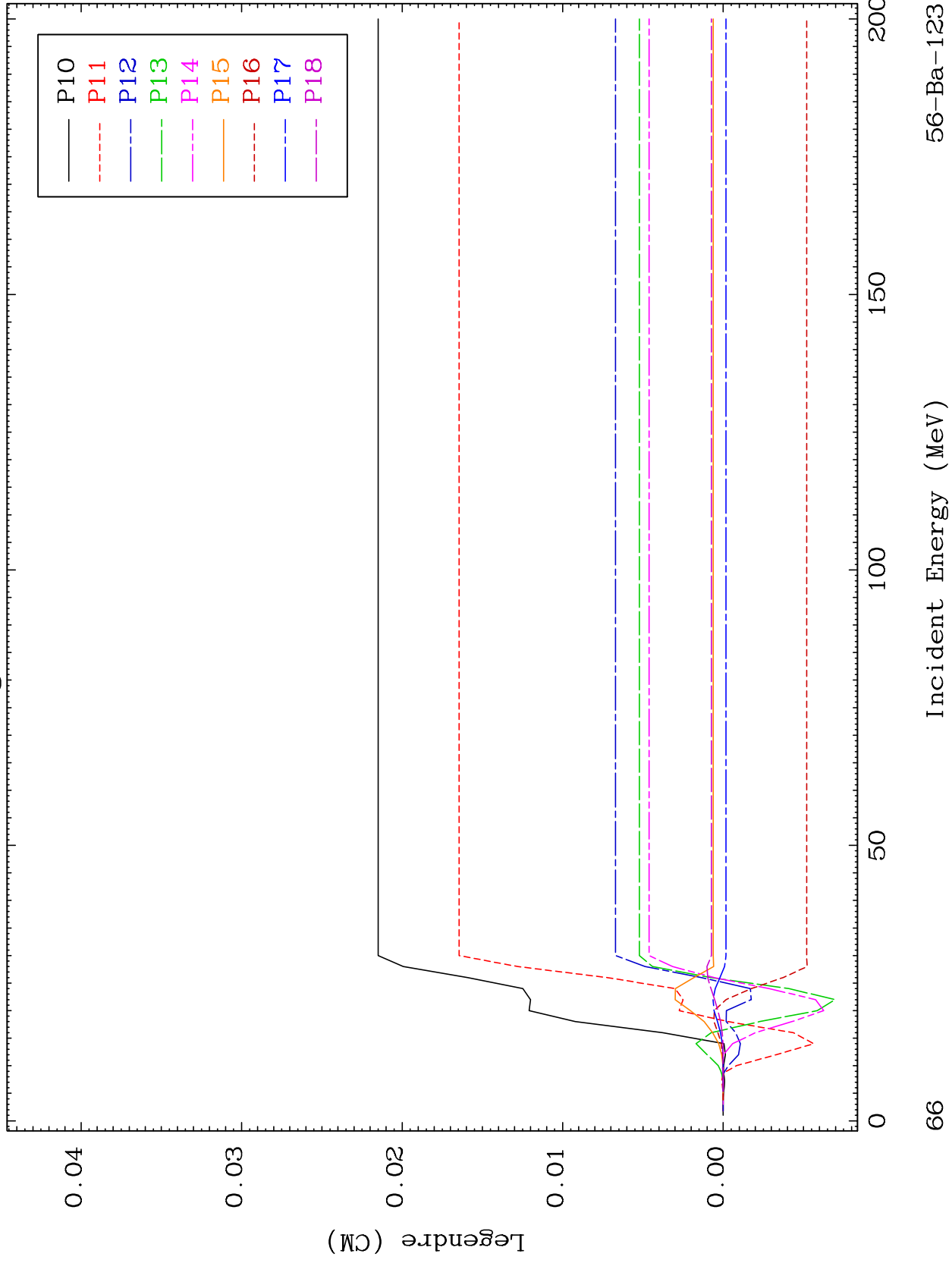
Incident Energy (MeV)

65

MAT 5604

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

56-Ba-123



56-Ba-123

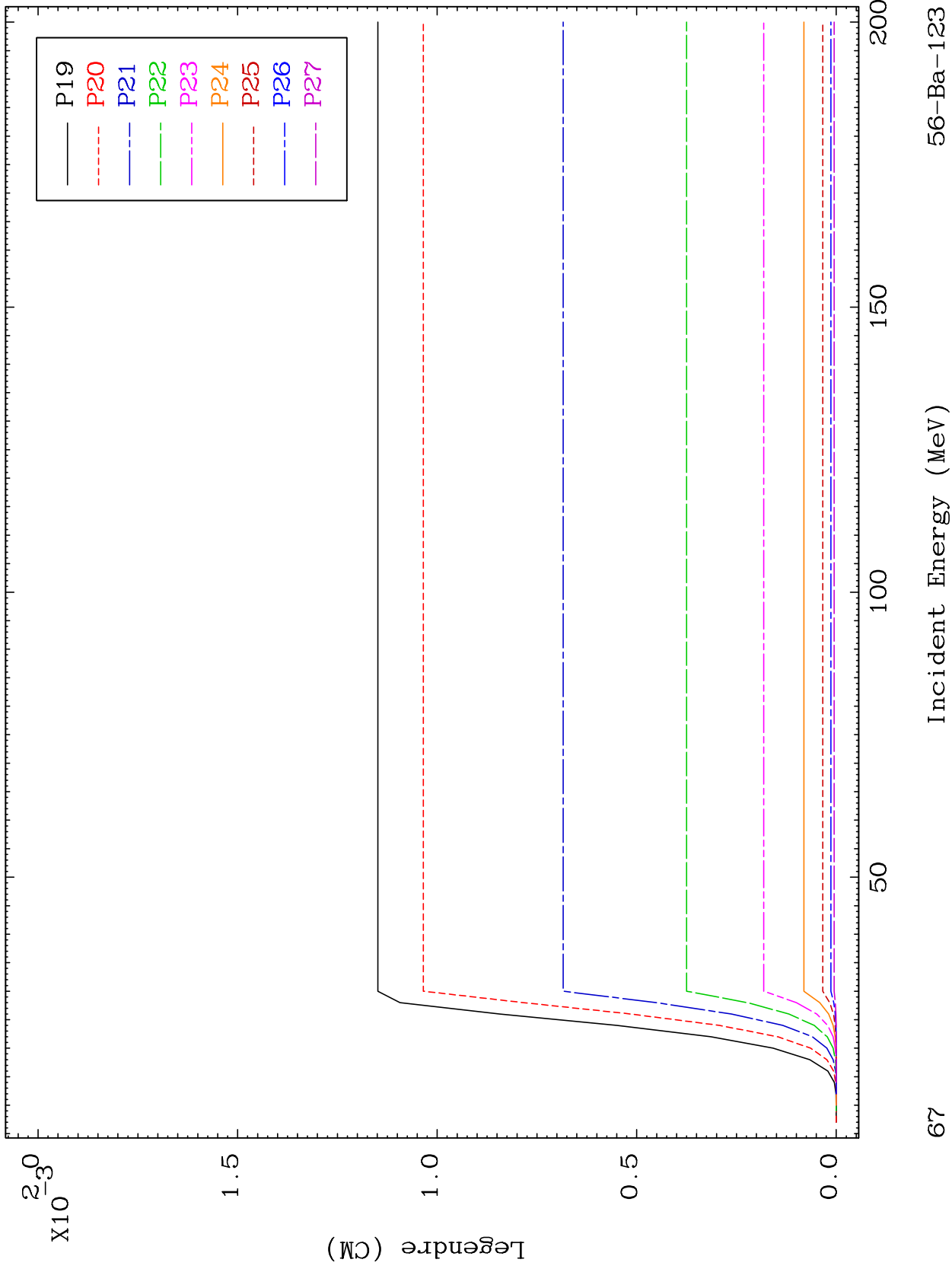
Incident Energy (MeV)

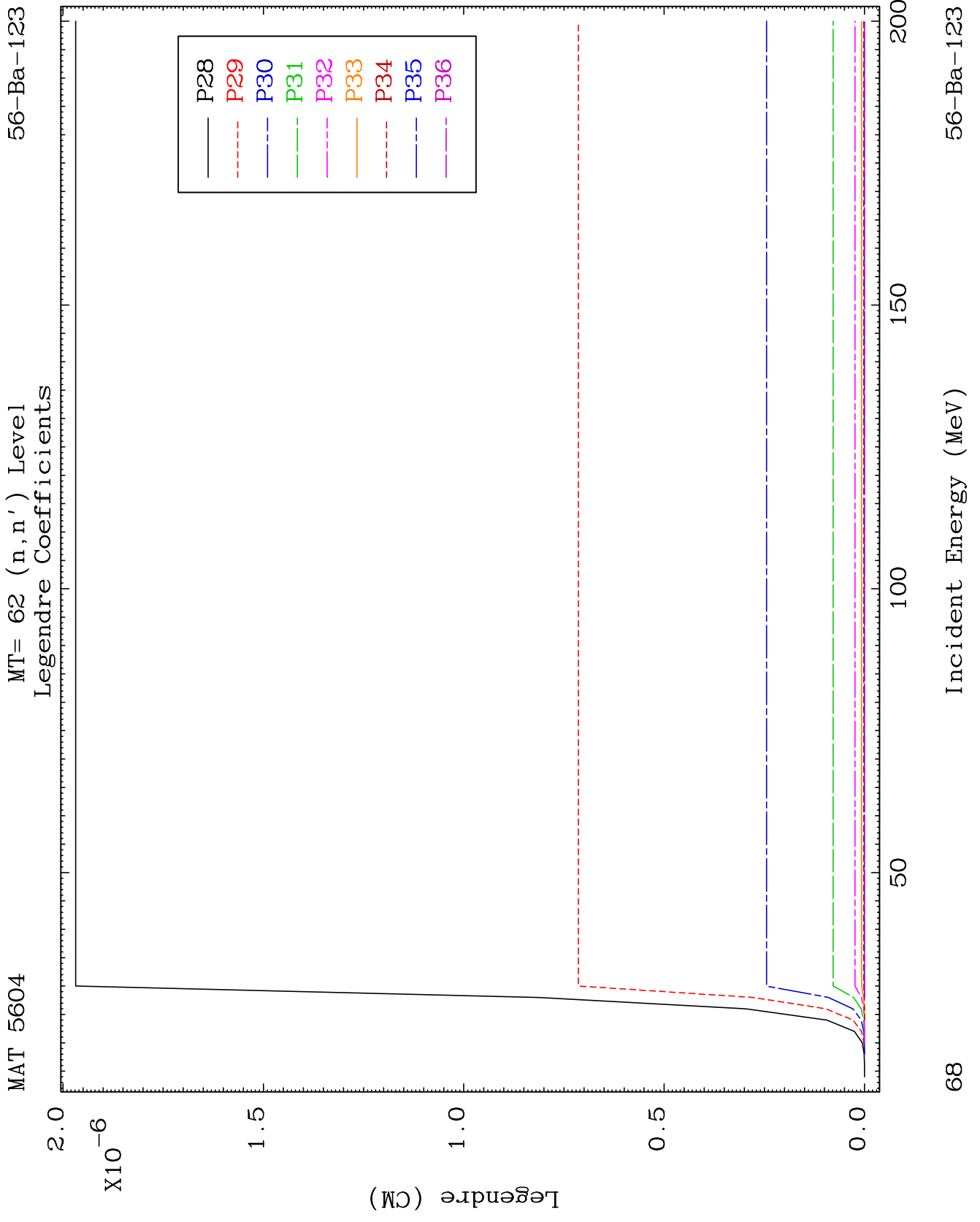
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MAT 5604

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

56-Ba-123

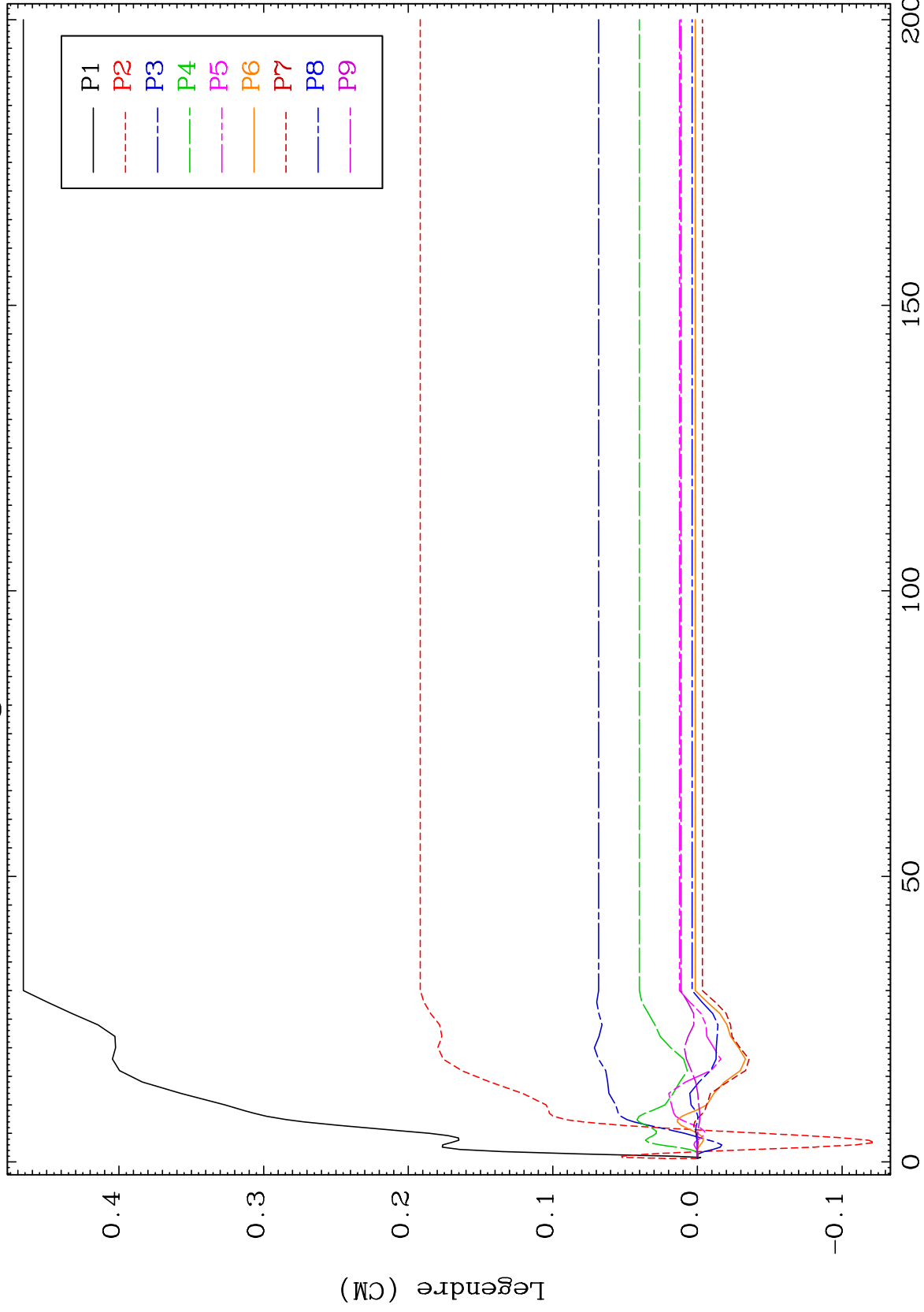




MAT 5604

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

56-Ba-123



69

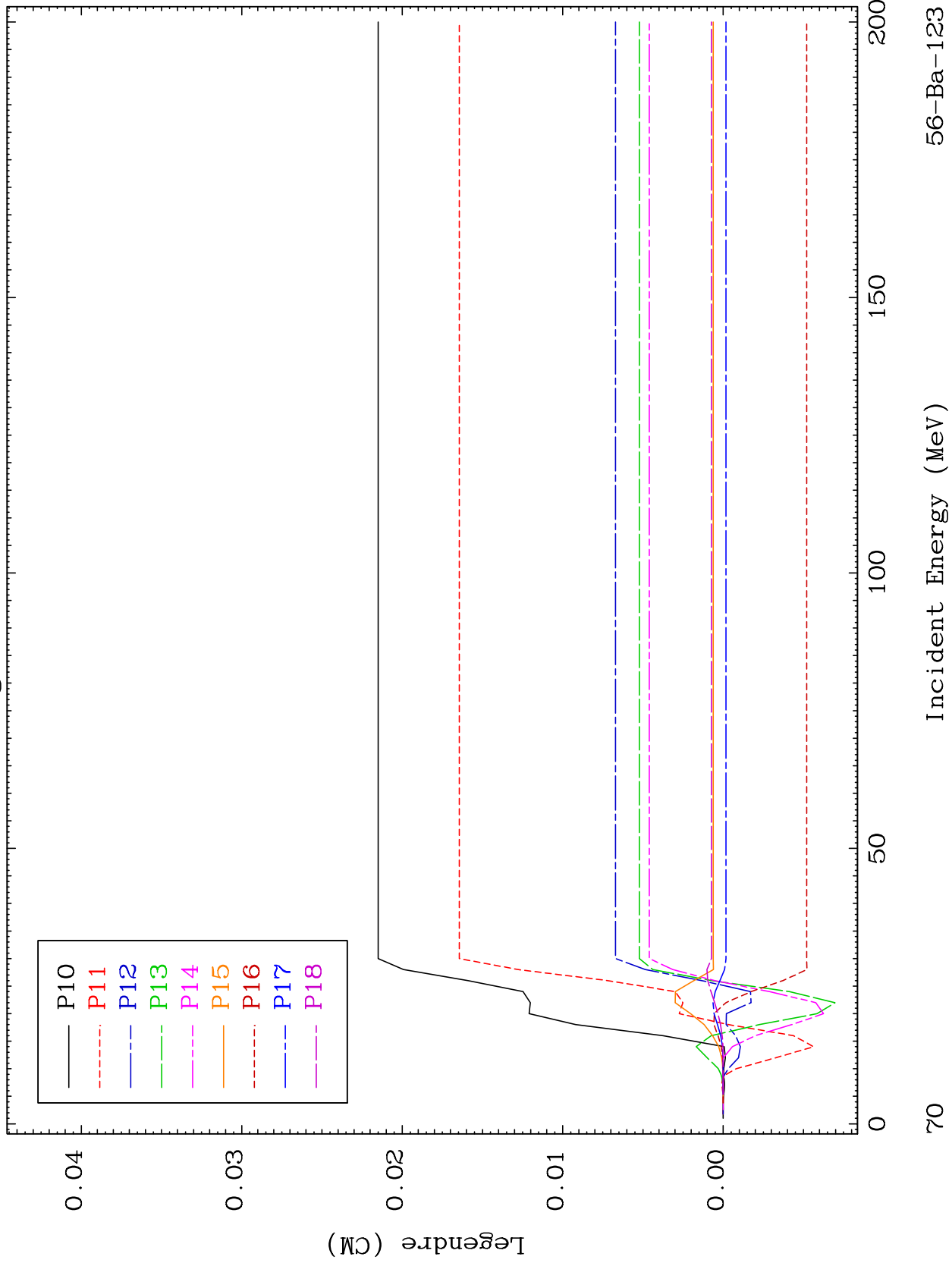
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



56-Ba-123

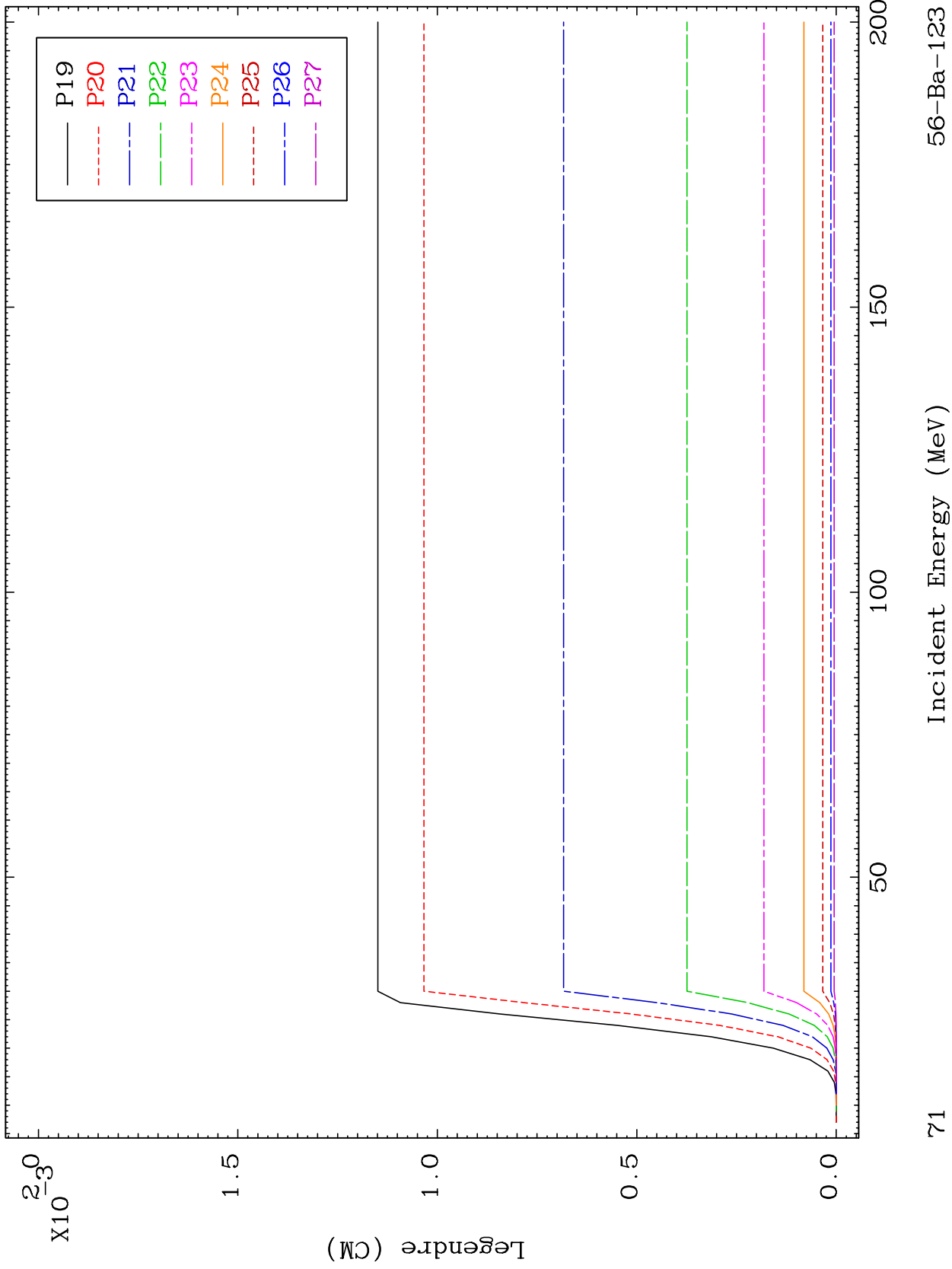
Incident Energy (MeV)

70

MAT 5604

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

56-Ba-123



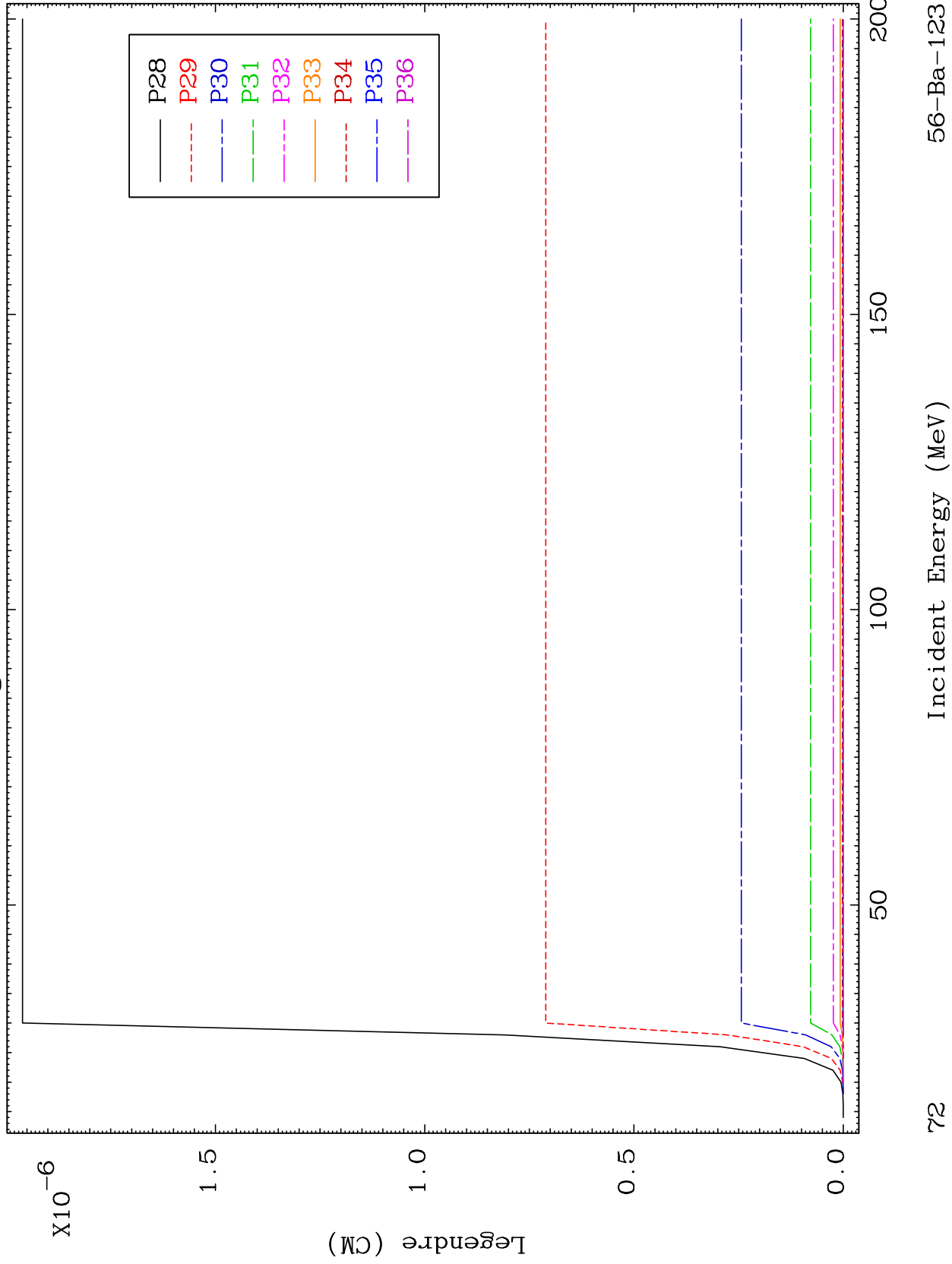
71

56-Ba-123

MAT 5604

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

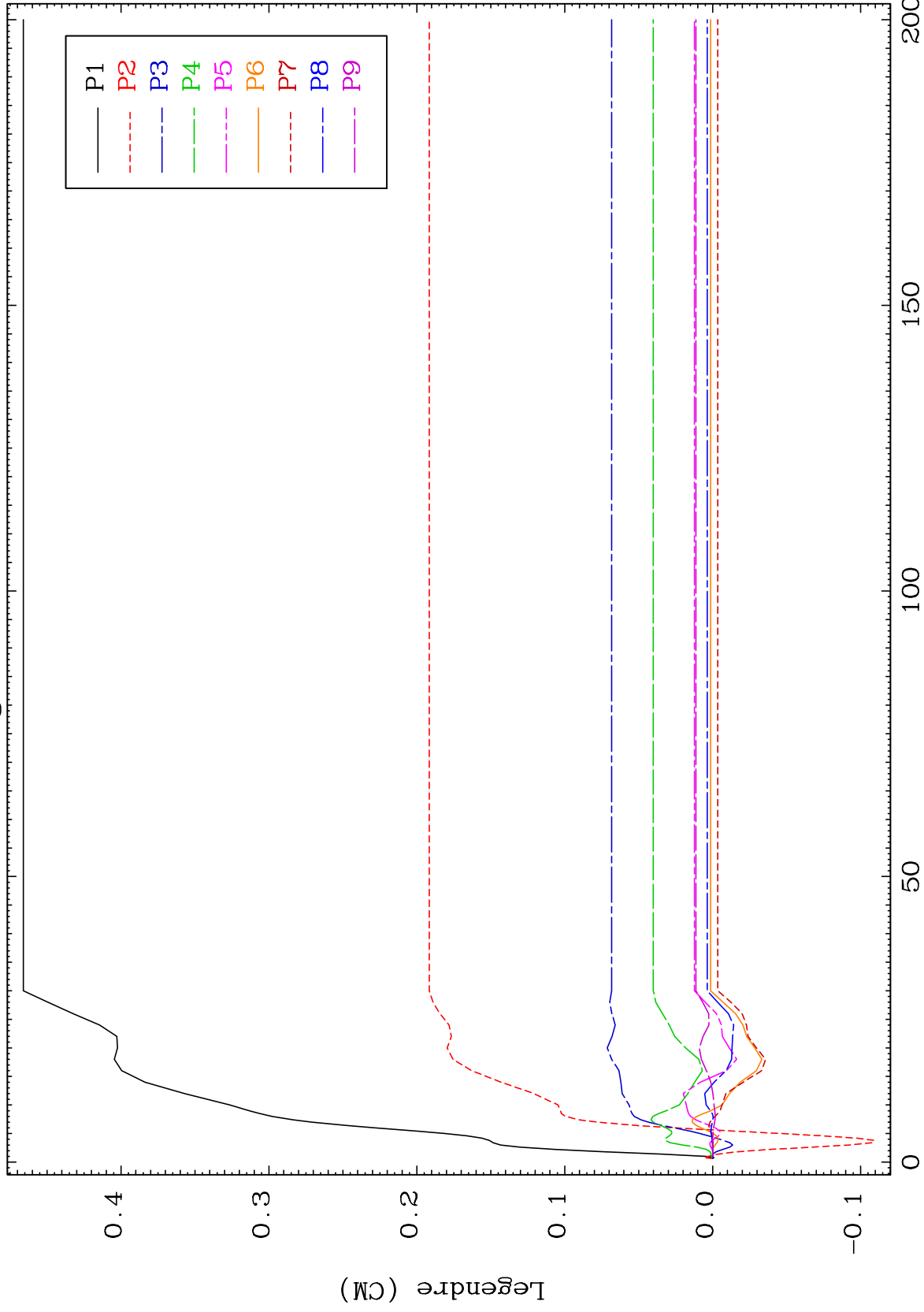
56-Ba-123



MAT 5604

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

56-Ba-123



73

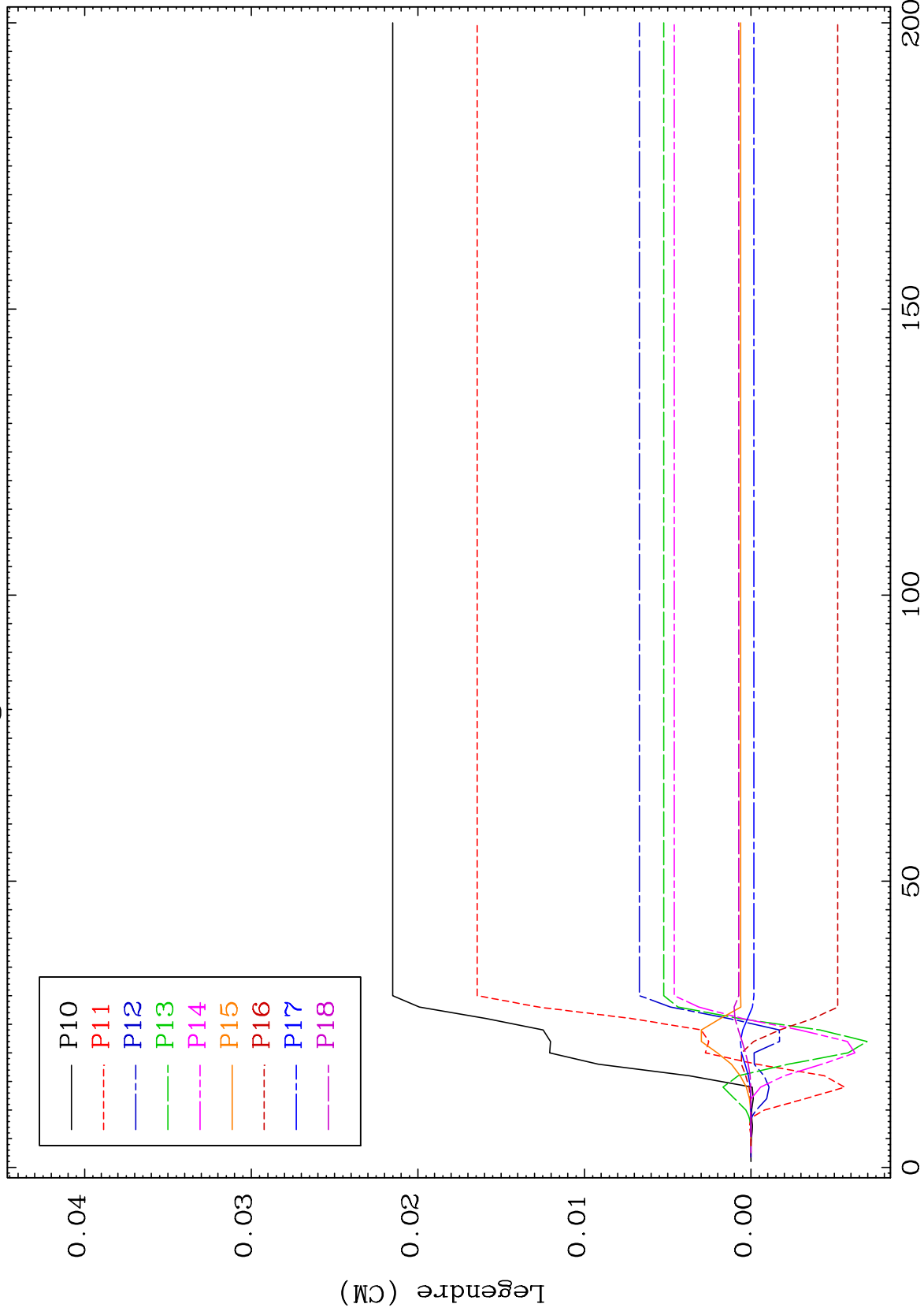
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



74

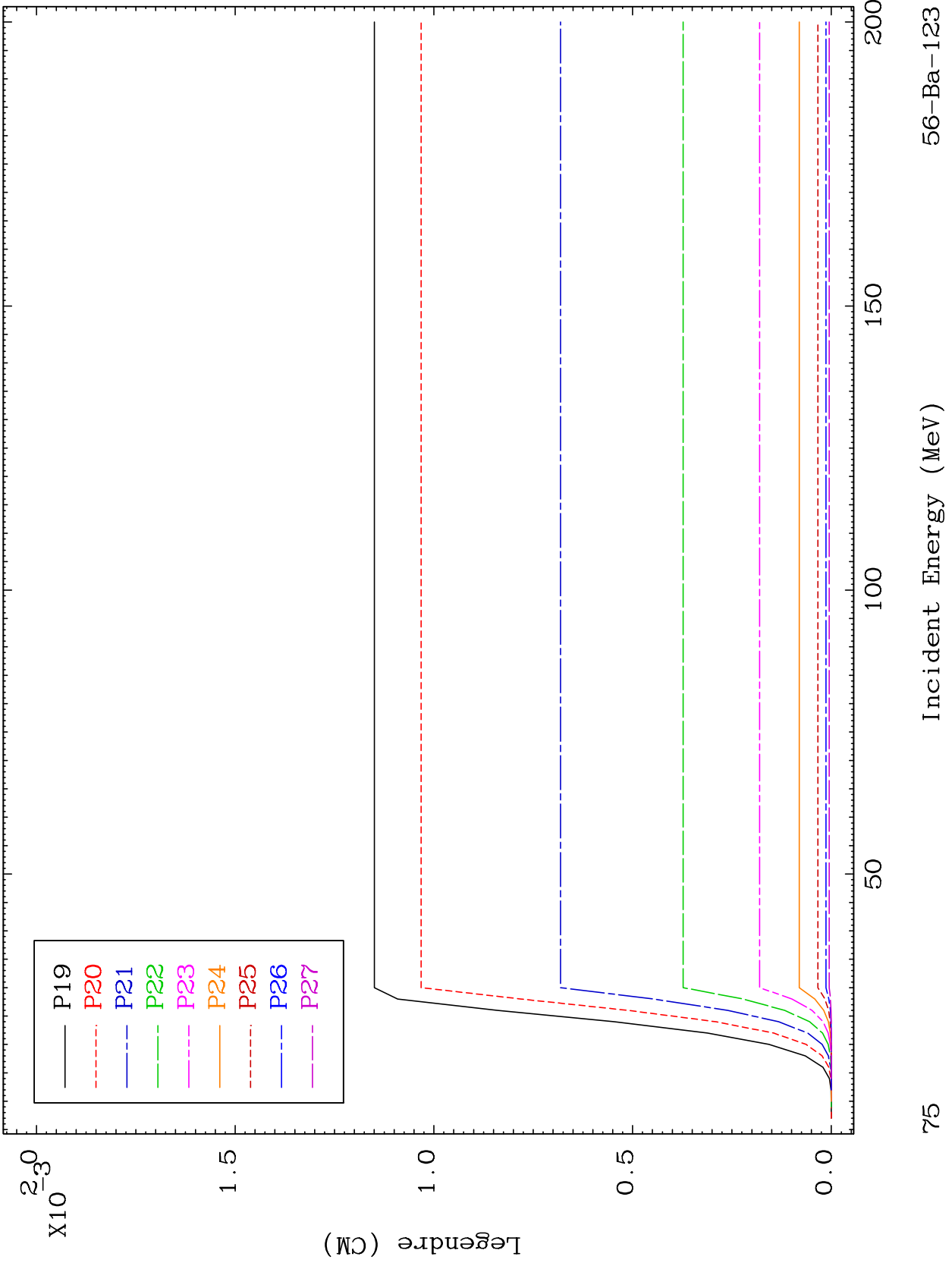
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

56-Ba-123



75

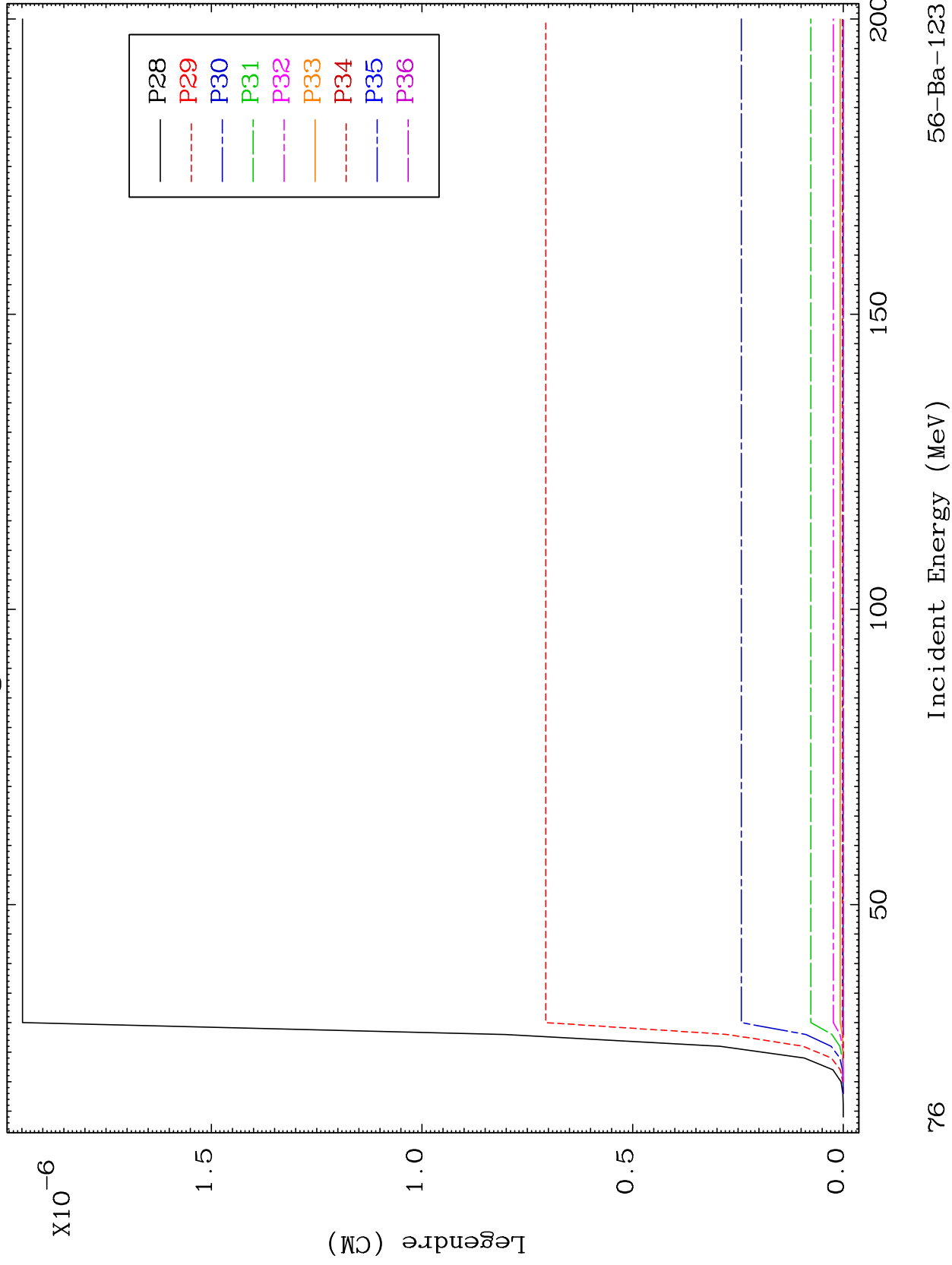
Incident Energy (MeV)

56-Ba-123

MAT 5604

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

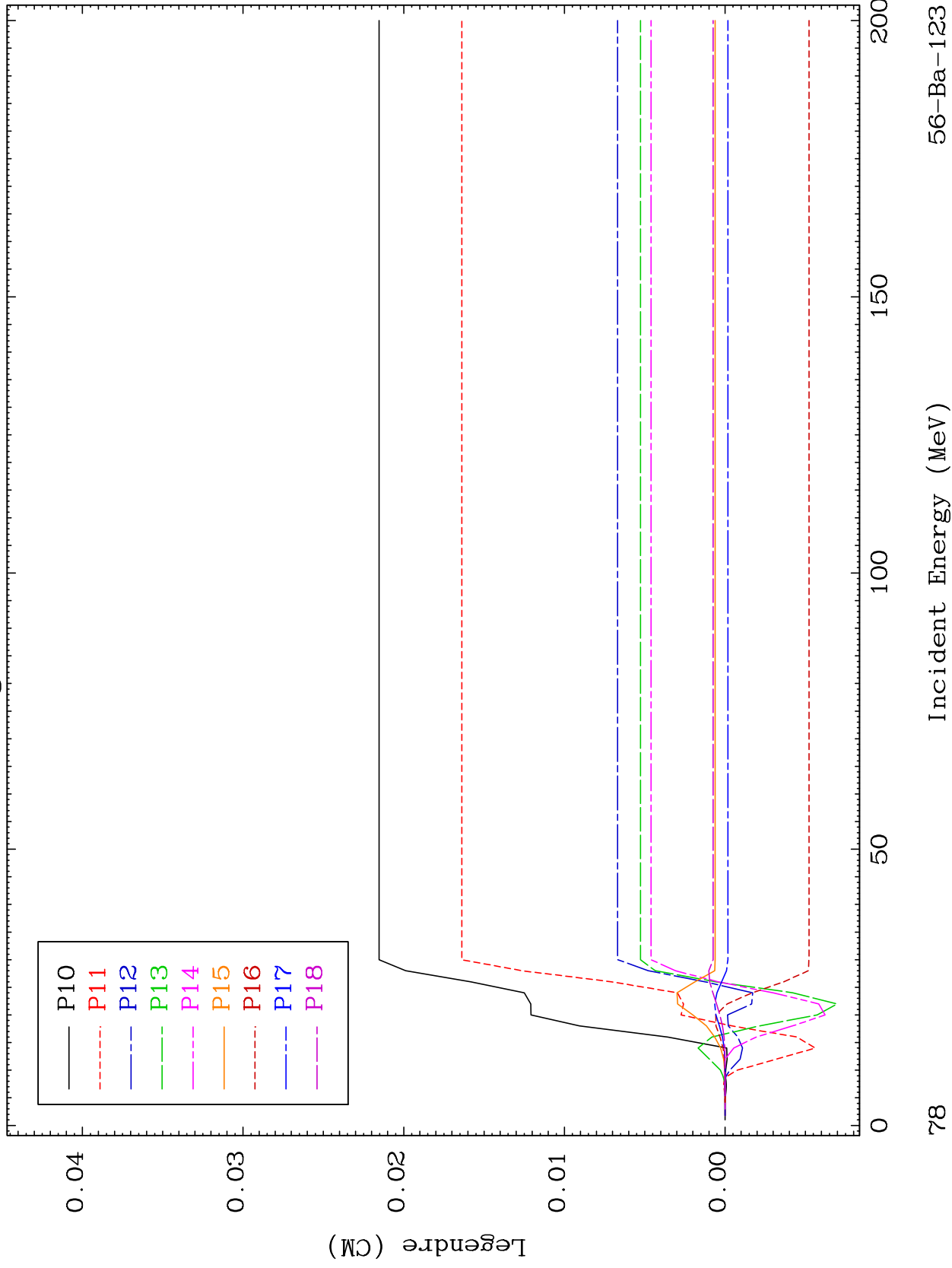
56-Ba-123



MAT 5604

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

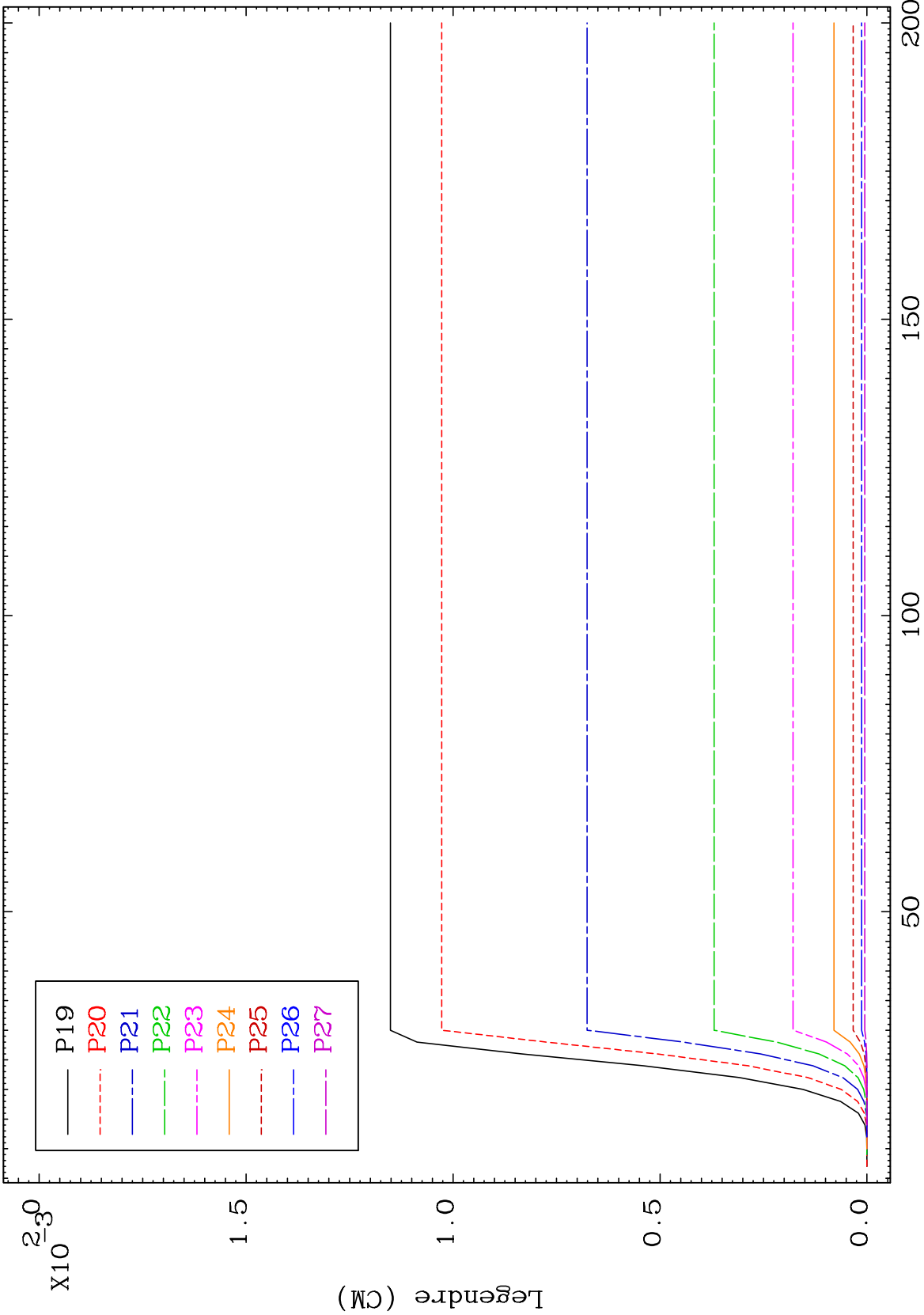
56-Ba-123



MAT 5604

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

56-Ba-123



79

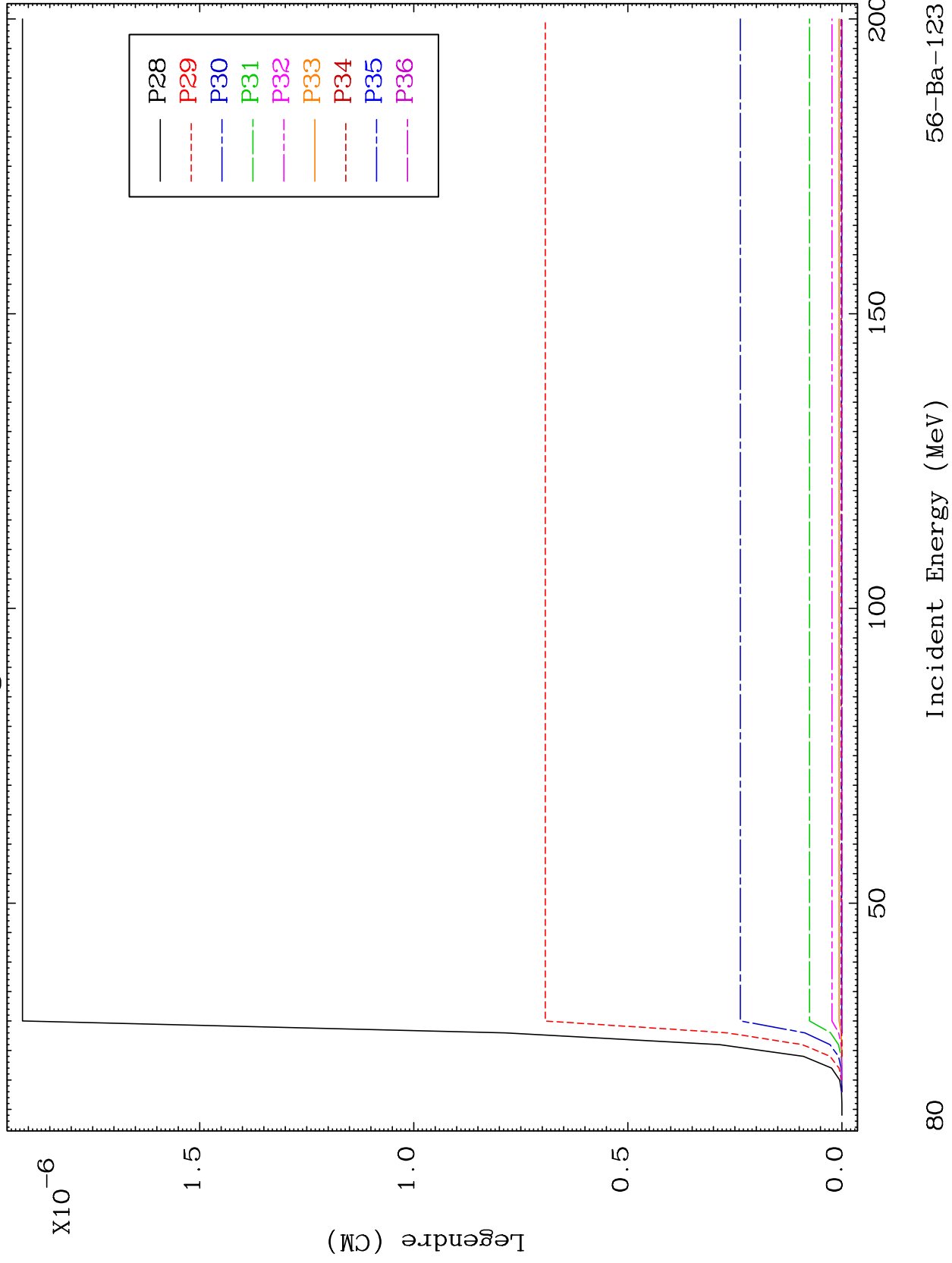
Incident Energy (MeV)

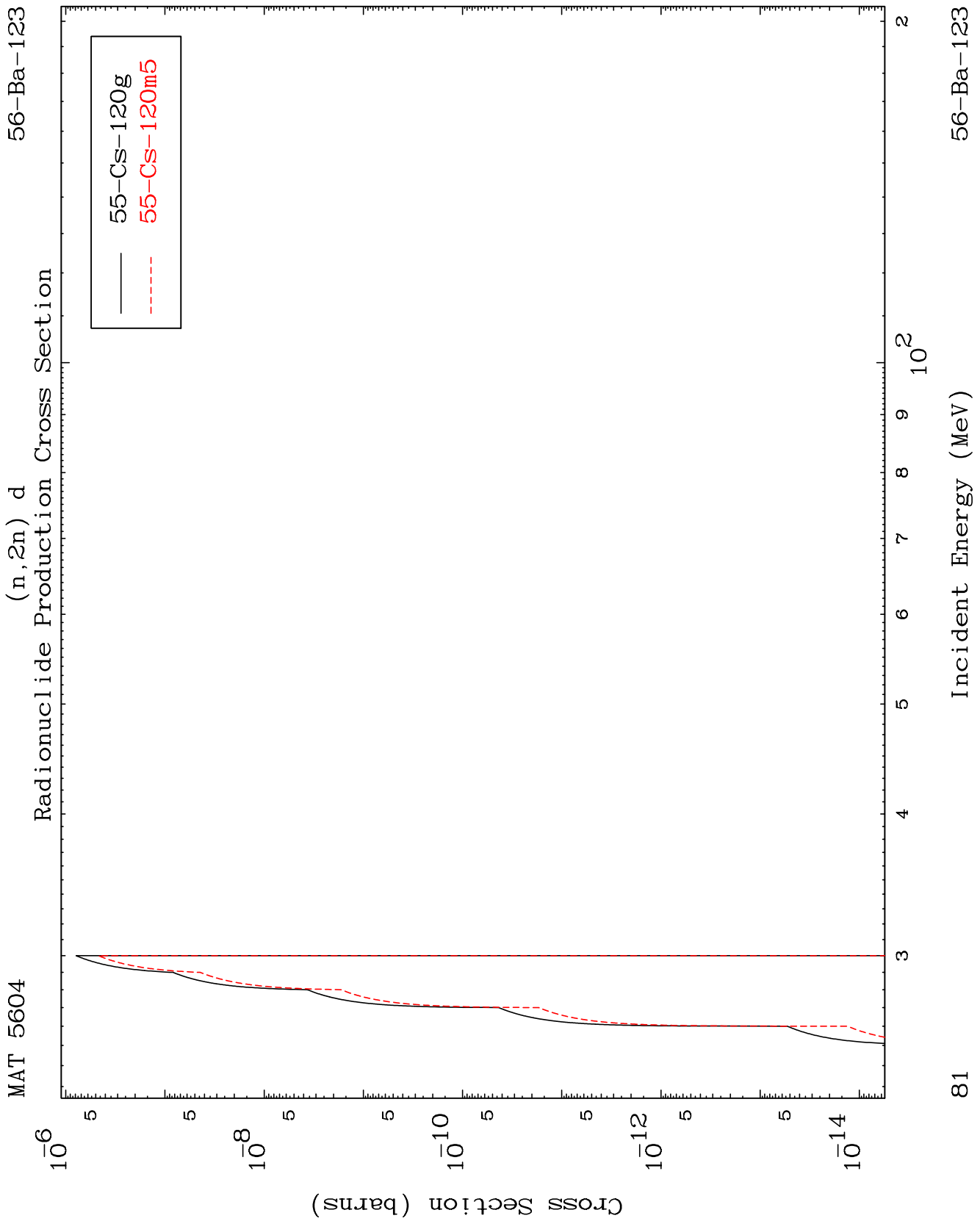
56-Ba-123

MAT 5604

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

56-Ba-123



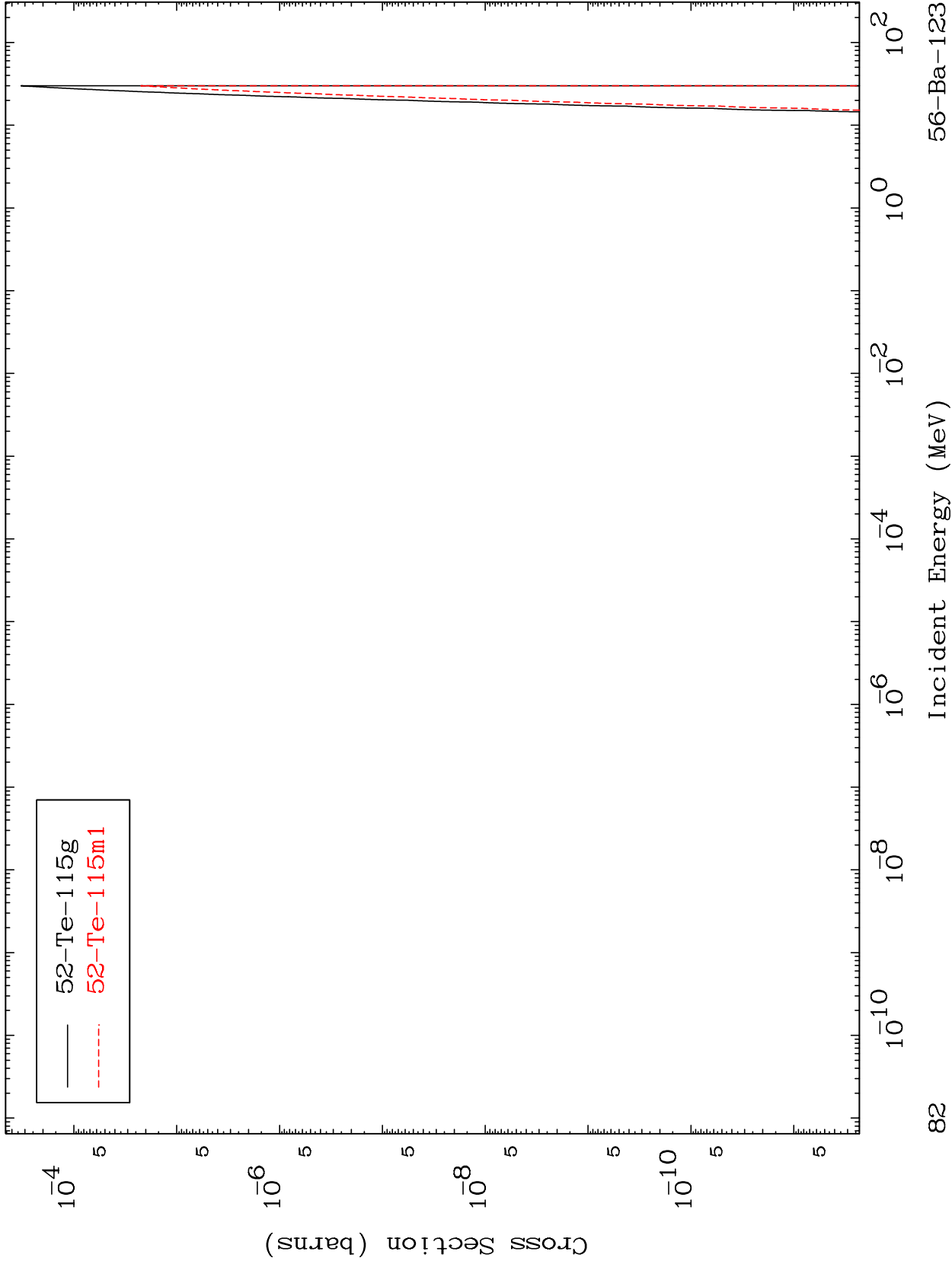


MAT 5604

(n,n') 2 α

56-Ba-123

Radionuclide Production Cross Section



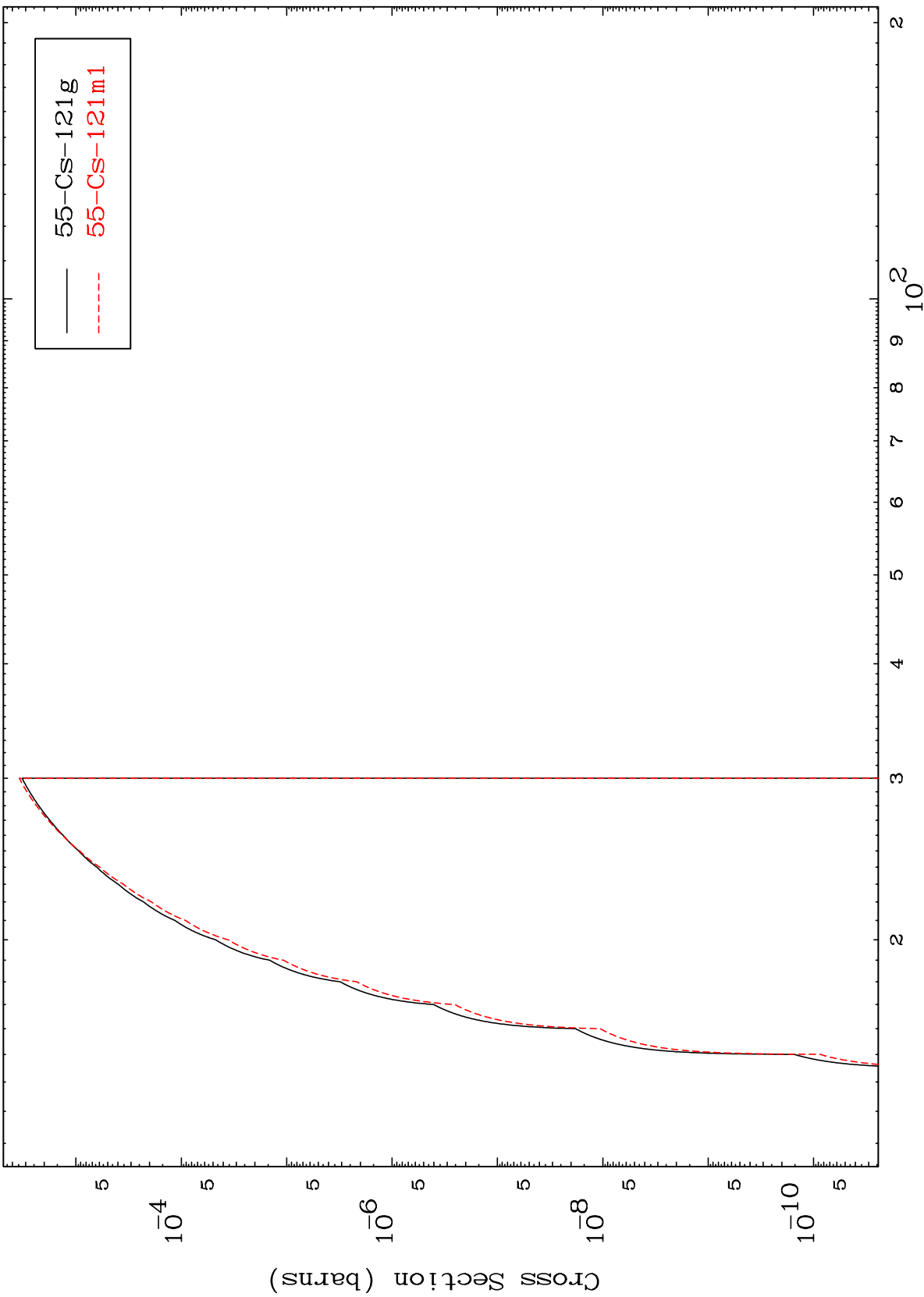
52-Te-115g
52-Te-115m1

MAT 5604

(n,n') d

56-Ba-123

Radionuclide Production Cross Section



83

Incident Energy (MeV)

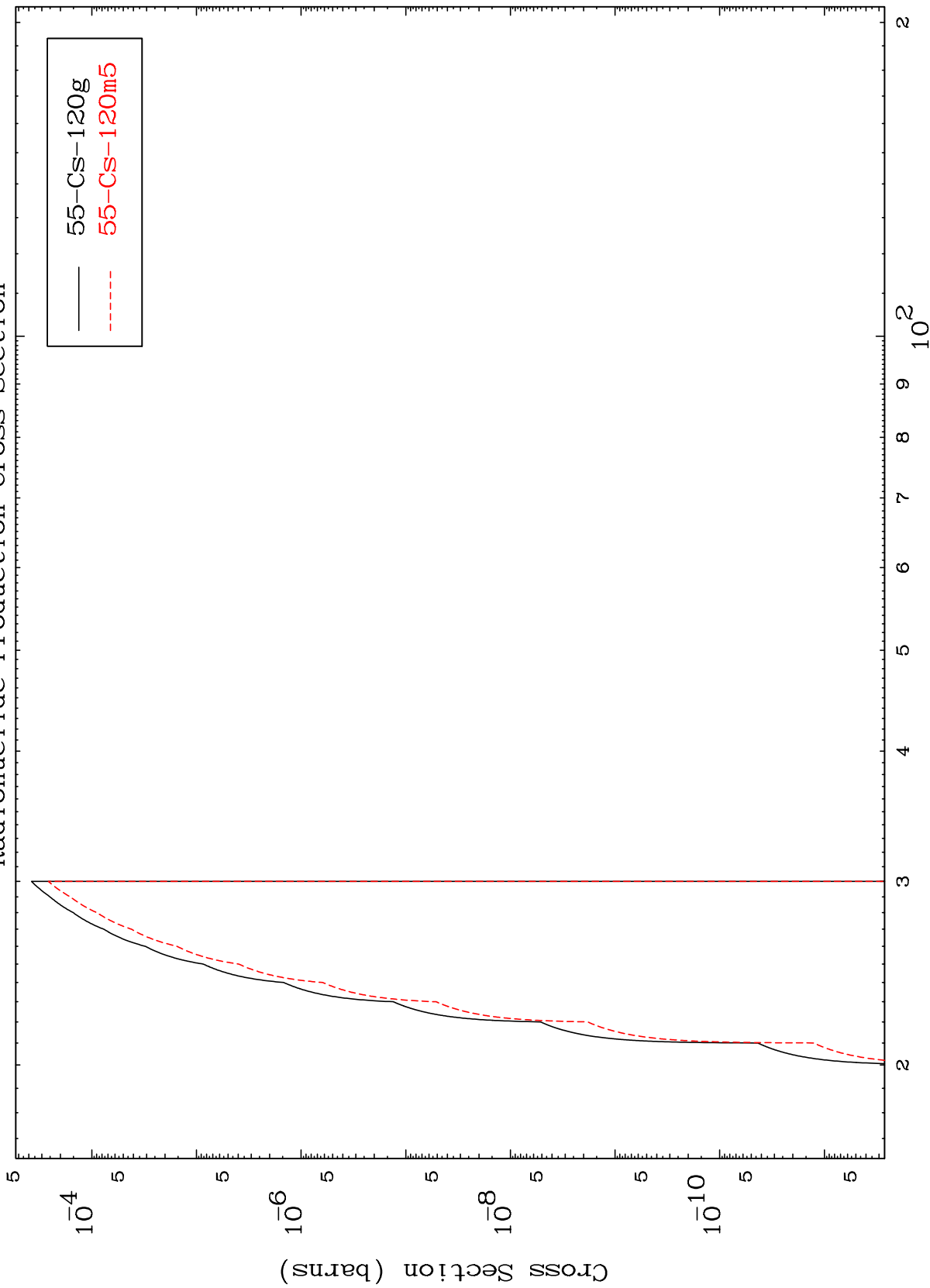
56-Ba-123

MAT 5604

(n,n') t

56-Ba-123

Radionuclide Production Cross Section



55-Cs-120g
55-Cs-120m5

84

Incident Energy (MeV)

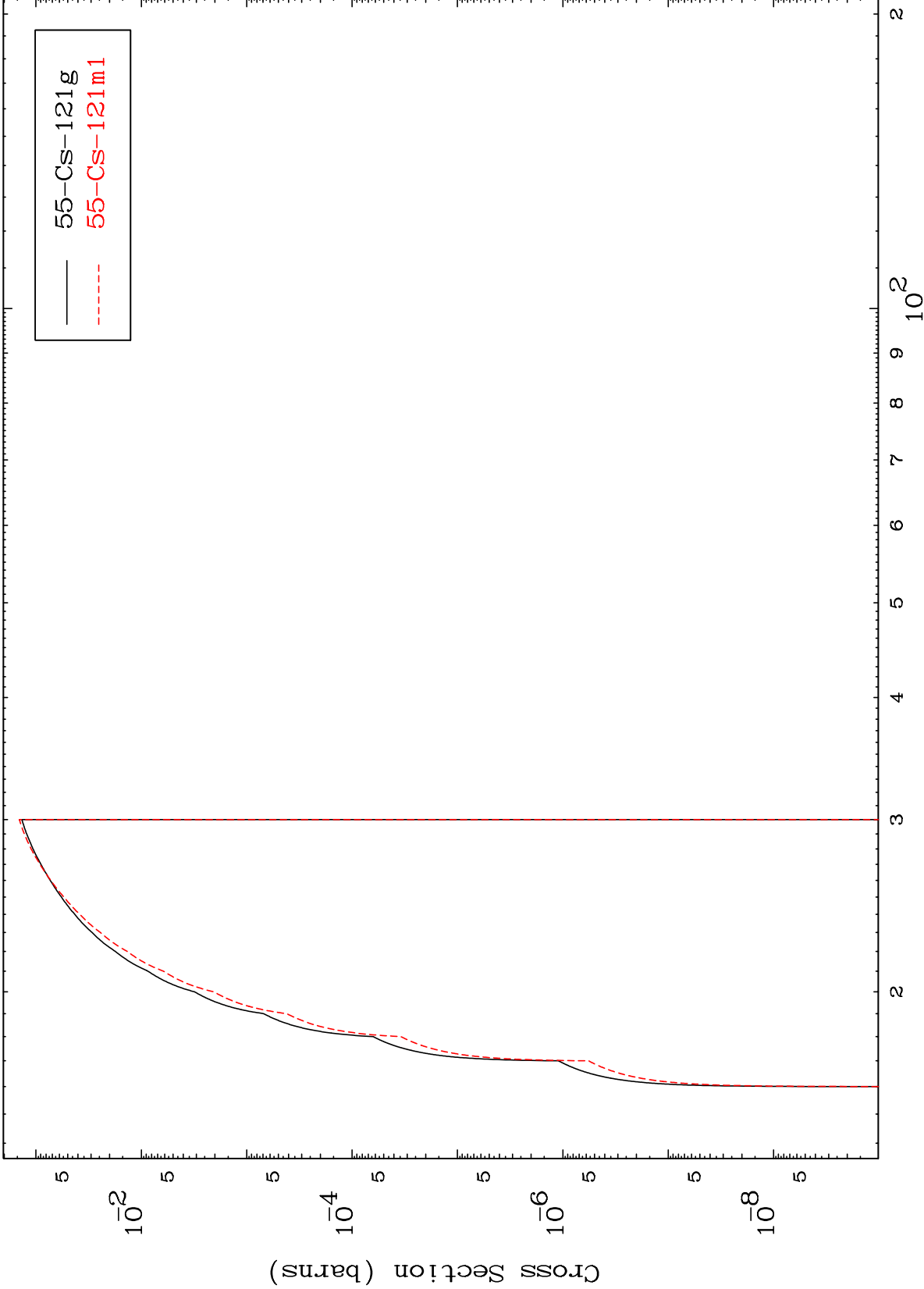
56-Ba-123

MAT 5604

(n,2n) p

56-Ba-123

Radionuclide Production Cross Section



85

Incident Energy (MeV)

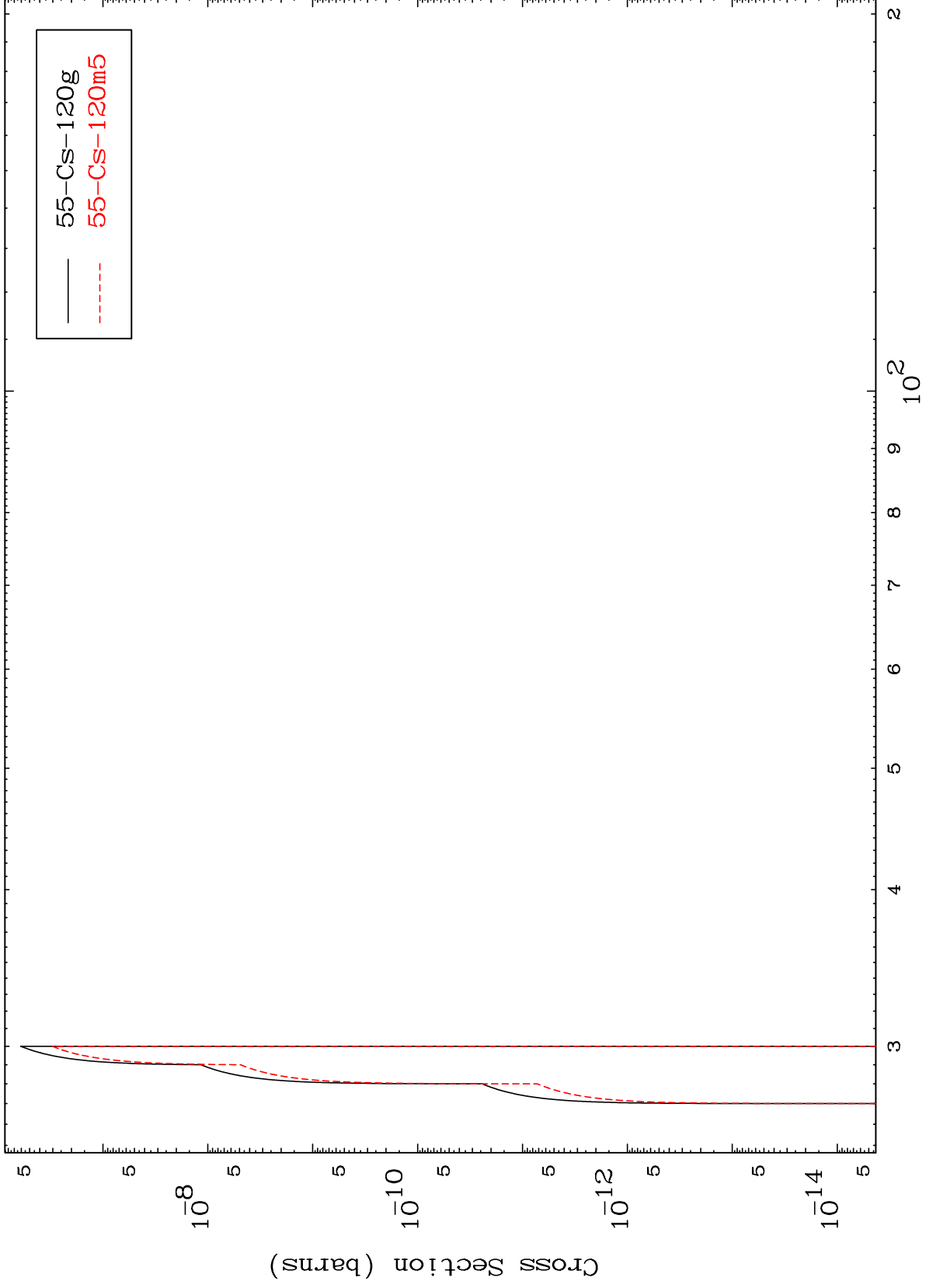
56-Ba-123

MAT 5604

(n,3n) p

56-Ba-123

Radionuclide Production Cross Section



86

Incident Energy (MeV)

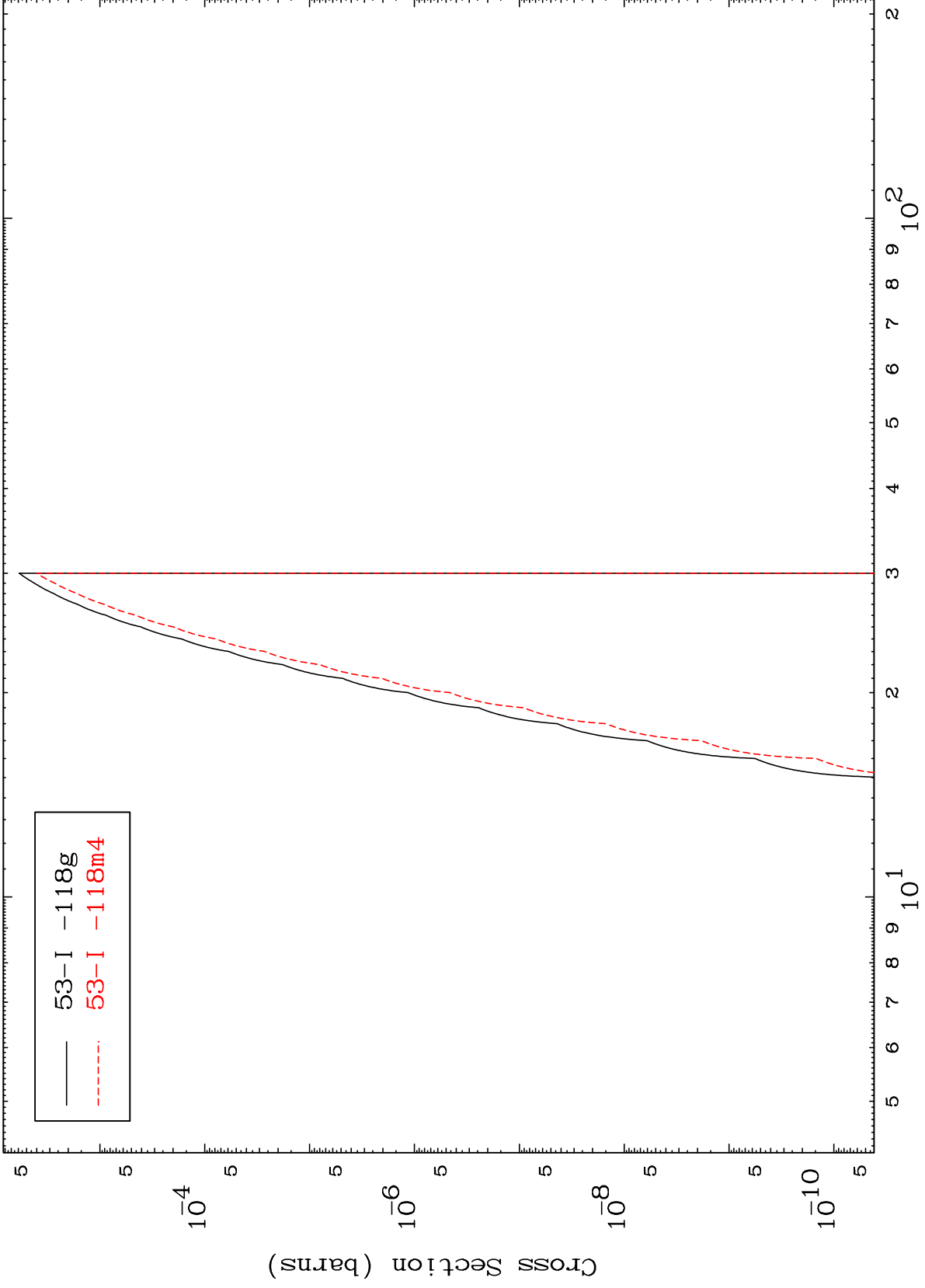
56-Ba-123

MAT 5604

(n,n') p α

56-Ba-123

Radionuclide Production Cross Section



53-I -118g
53-I -118m4

87

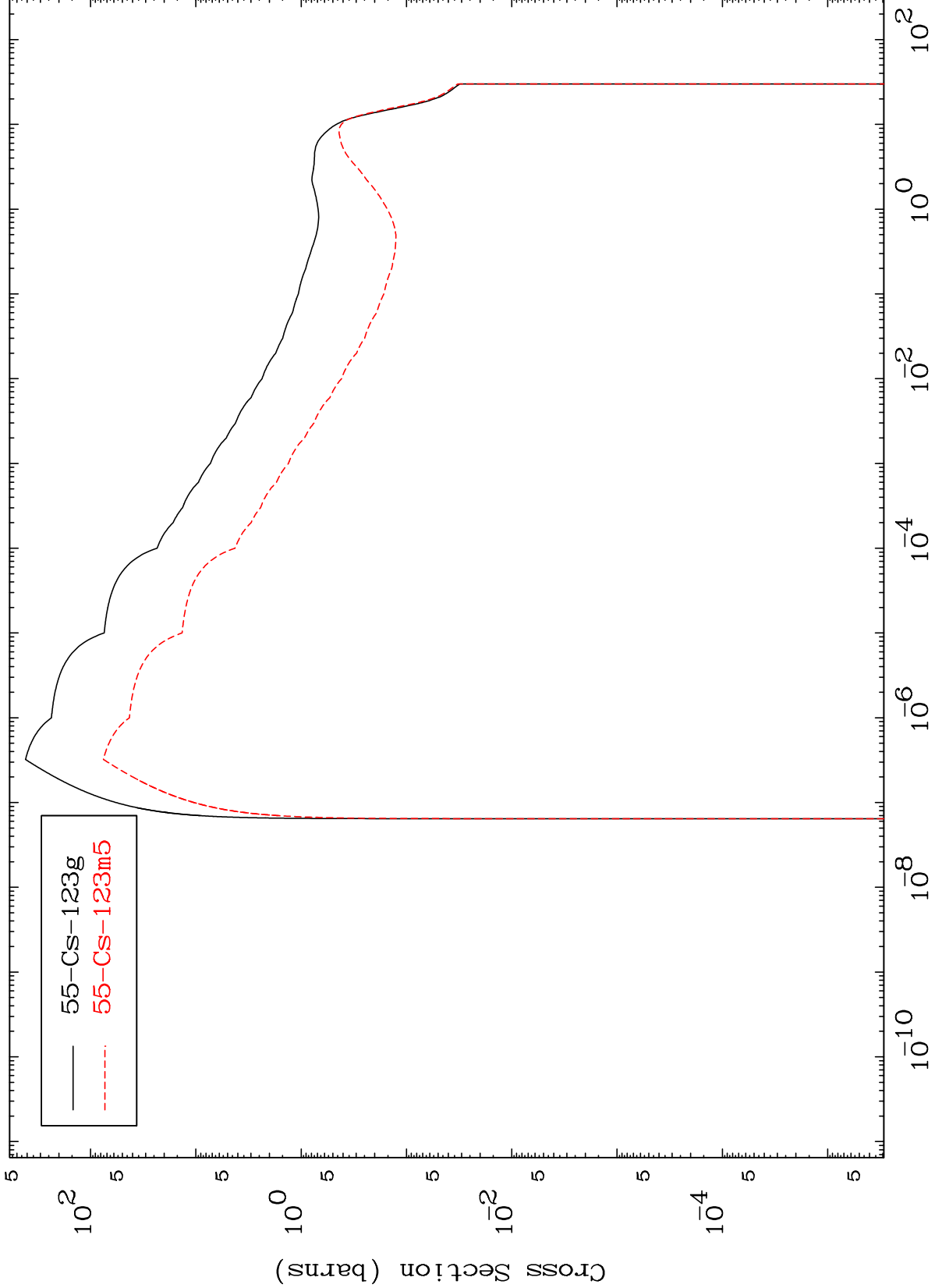
Incident Energy (MeV)

56-Ba-123

MAT 5604

56-Ba-123

(n,p)
Radionuclide Production Cross Section



56-Ba-123

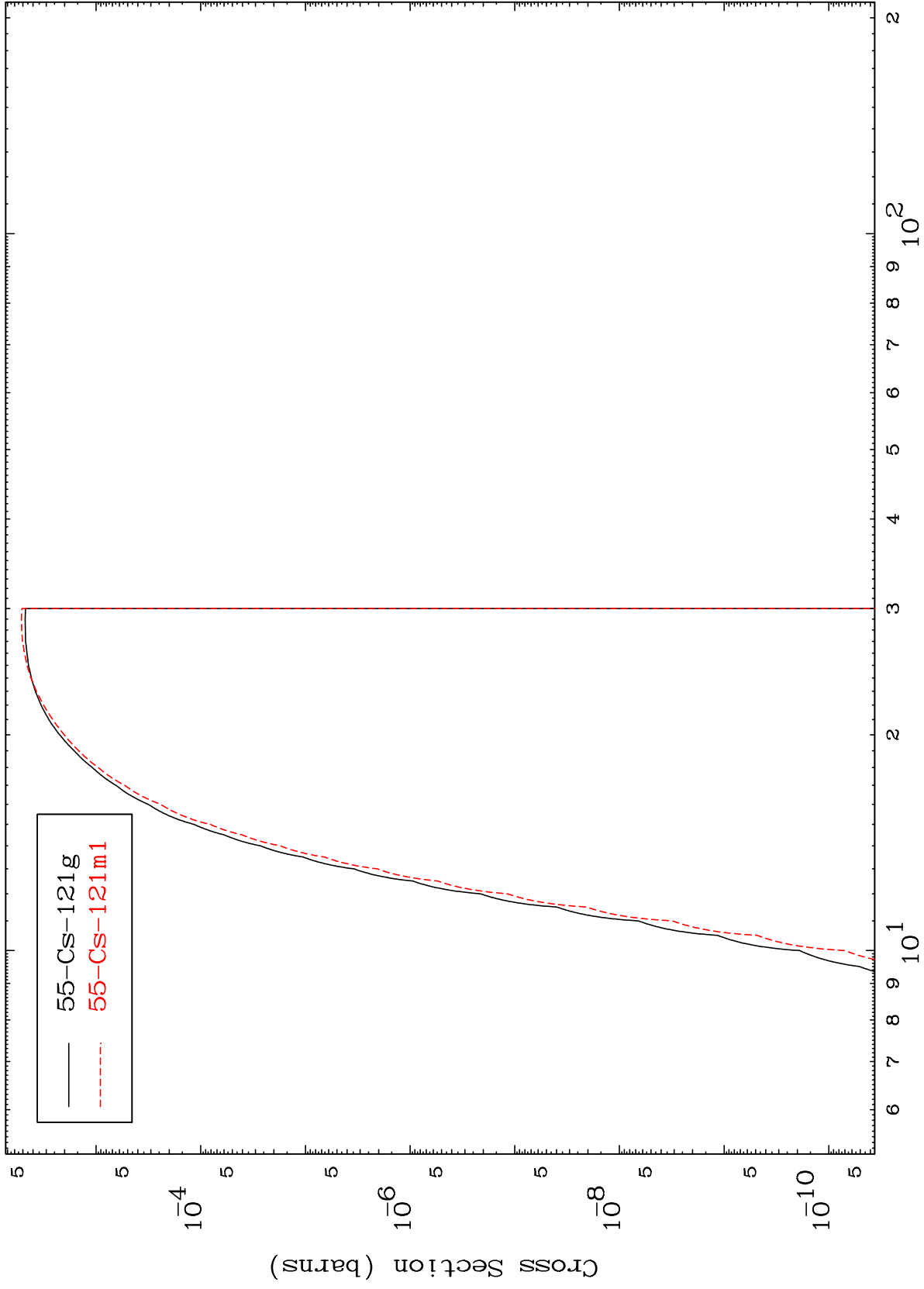
Incident Energy (MeV)

88

MAT 5604

56-Ba-123

(n, t)
Radionuclide Production Cross Section



89

Incident Energy (MeV)

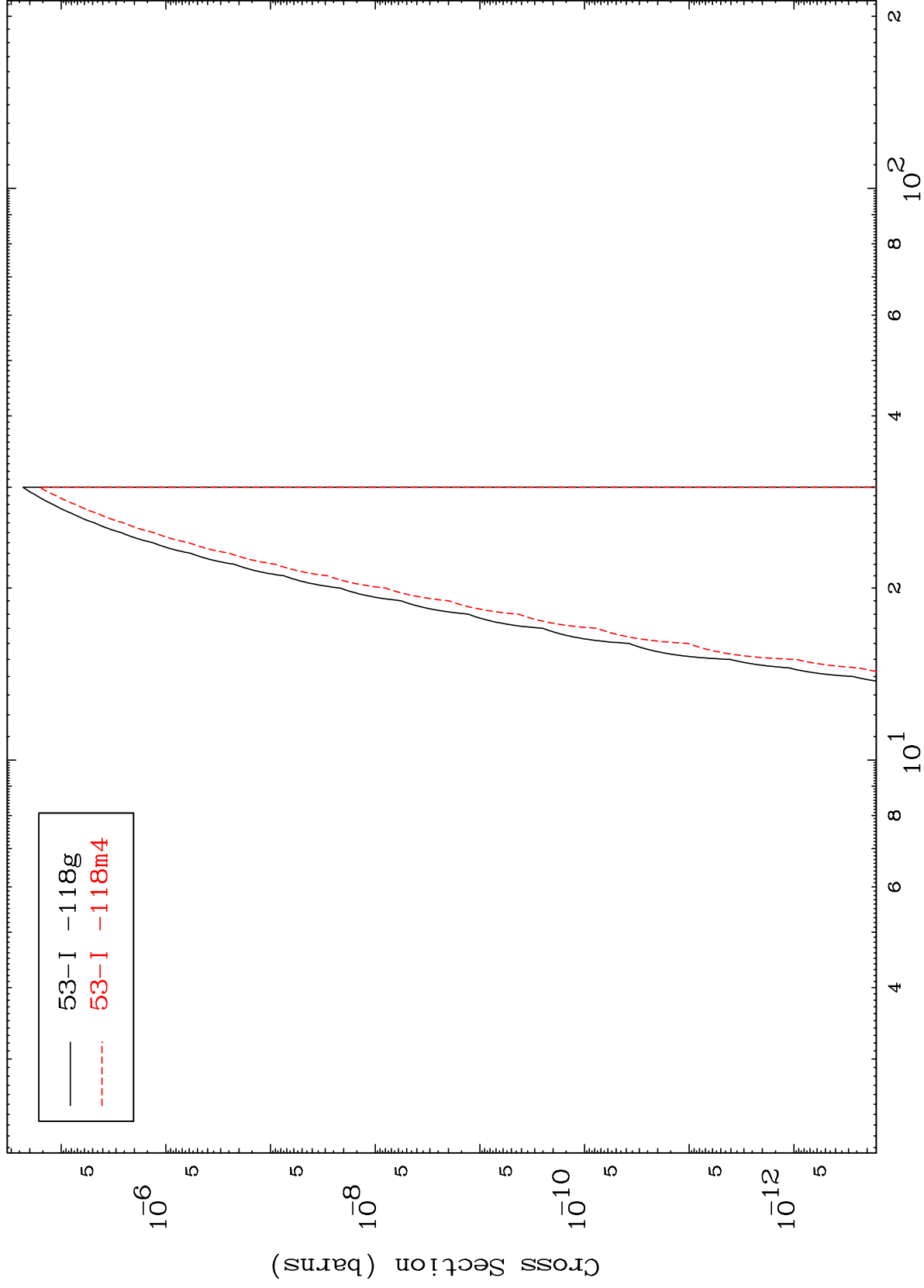
56-Ba-123

MAT 5604

(n,d) α

56-Ba-123

Radionuclide Production Cross Section



90

Incident Energy (MeV)

56-Ba-123