

Program EVALPLOT
(Version 2018-1)

by

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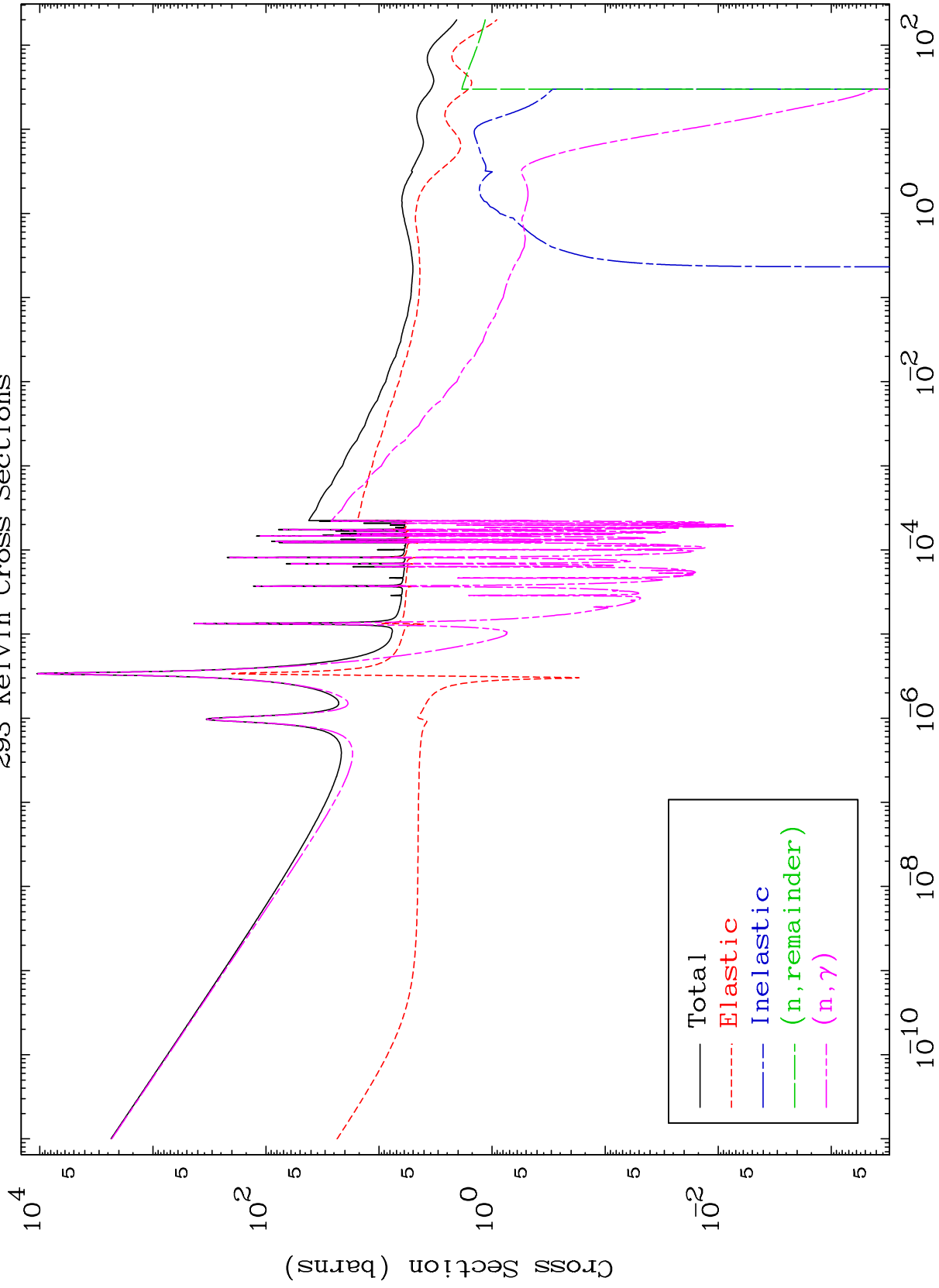
Press Mouse Button to Start

MAT 5607

Major

293 Kelvin Cross Sections

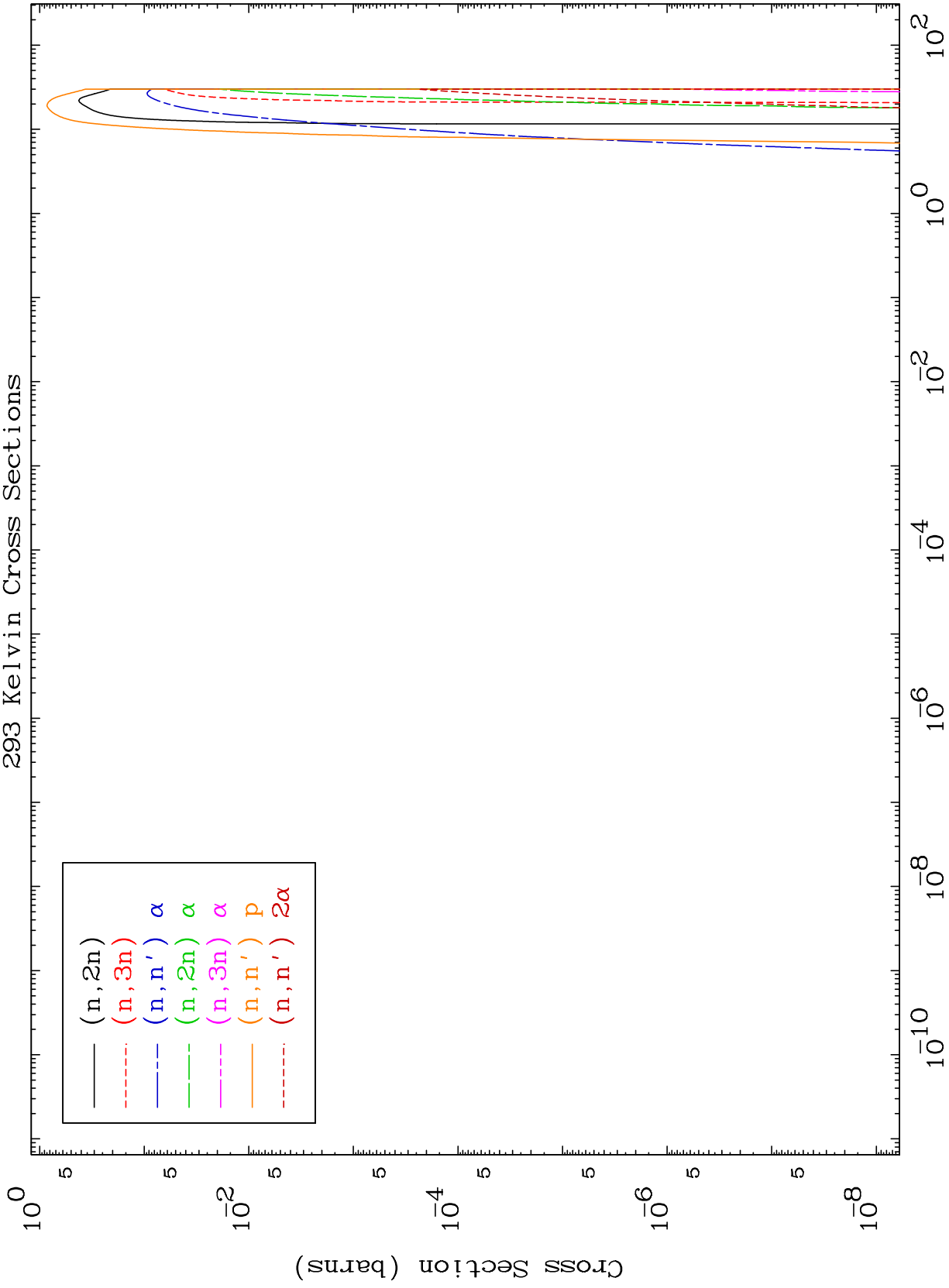
56-Ba-124



MAT 5607

Neutron Production
293 Kelvin Cross Sections

56-Ba-124



2

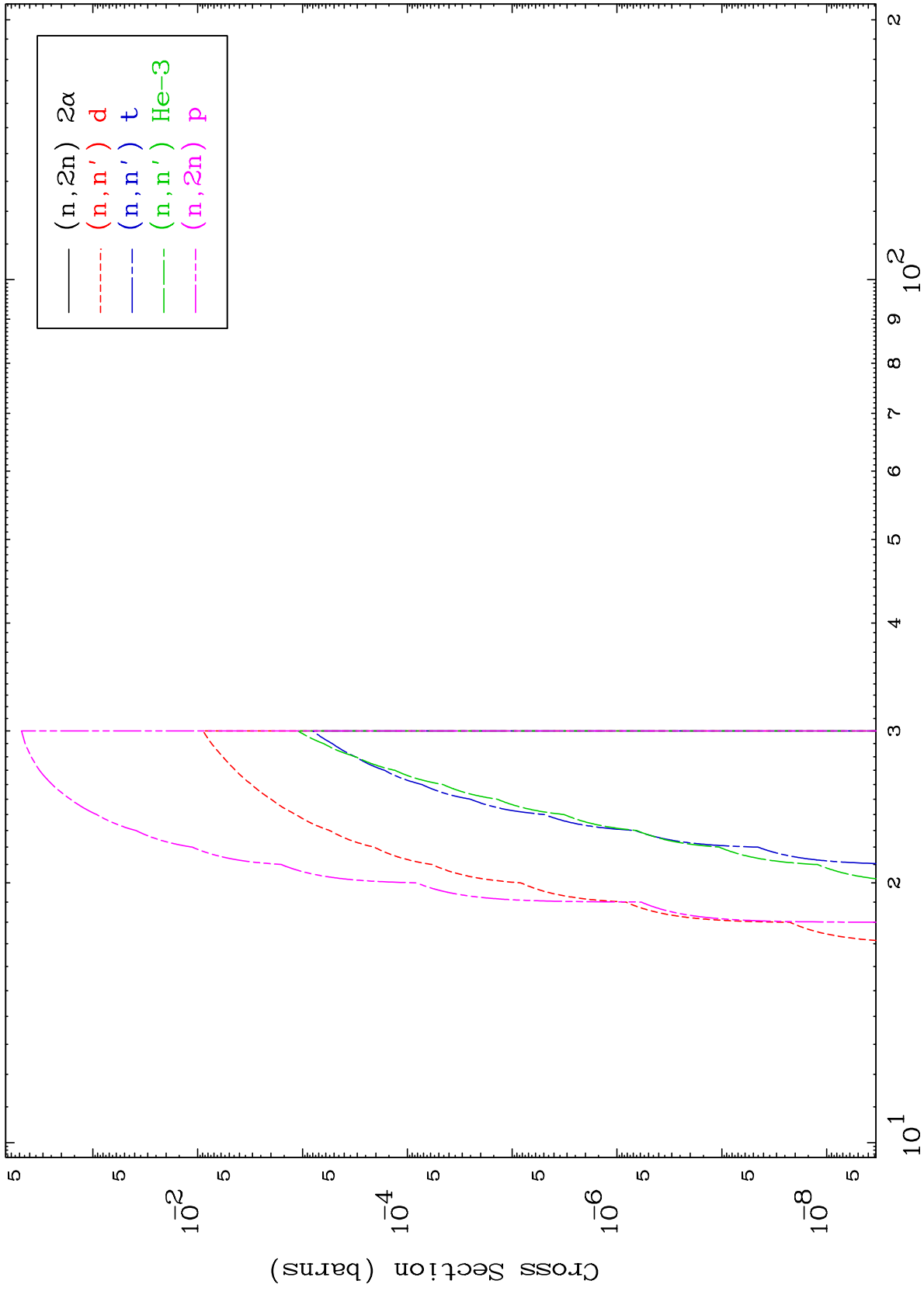
Incident Energy (MeV)

56-Ba-124

MAT 5607

Neutron Production
293 Kelvin Cross Sections

56-Ba-124



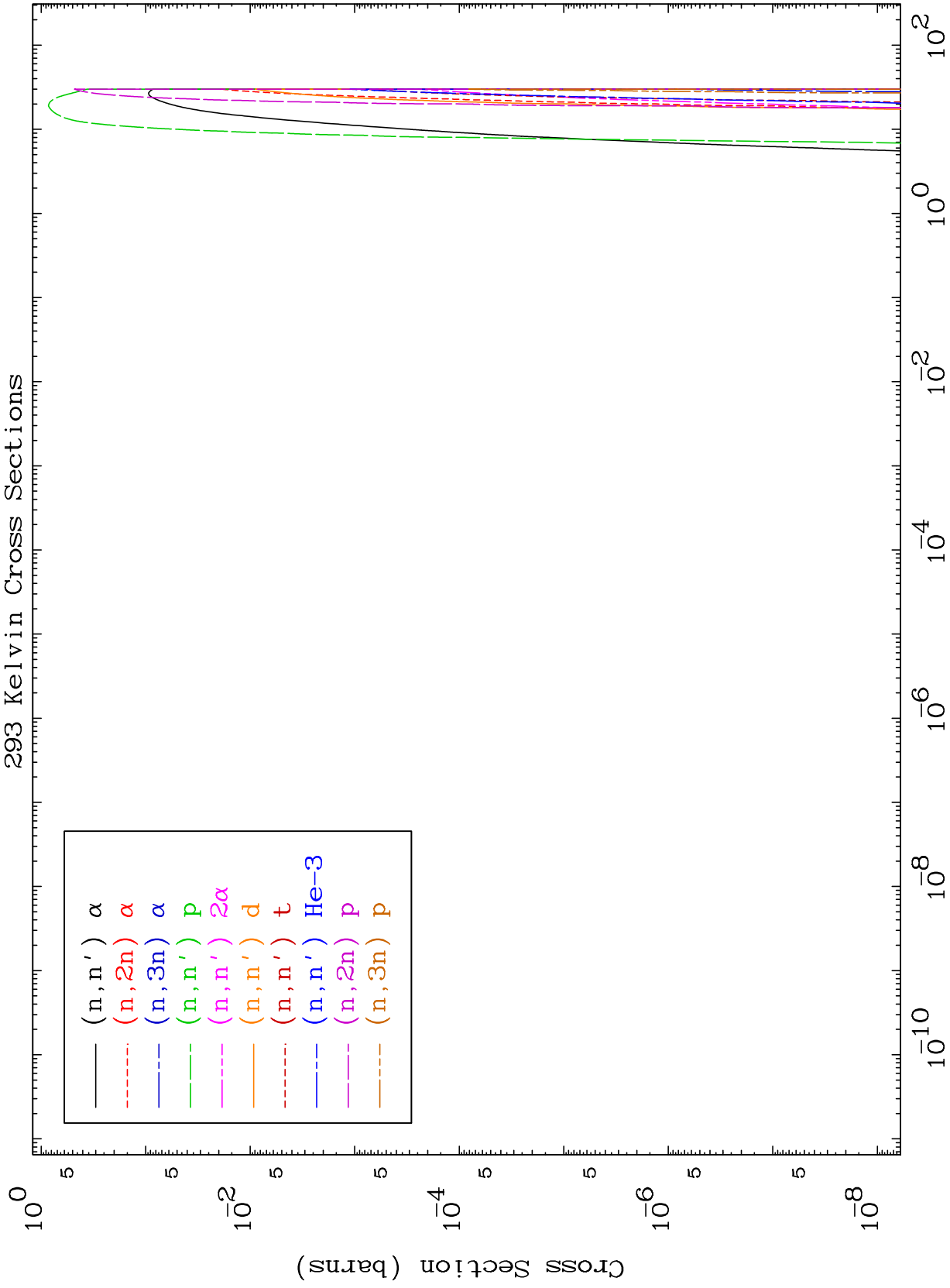
Incident Energy (MeV)

56-Ba-124

MAT 5607

Charged Particle
293 Kelvin Cross Sections

56-Ba-124

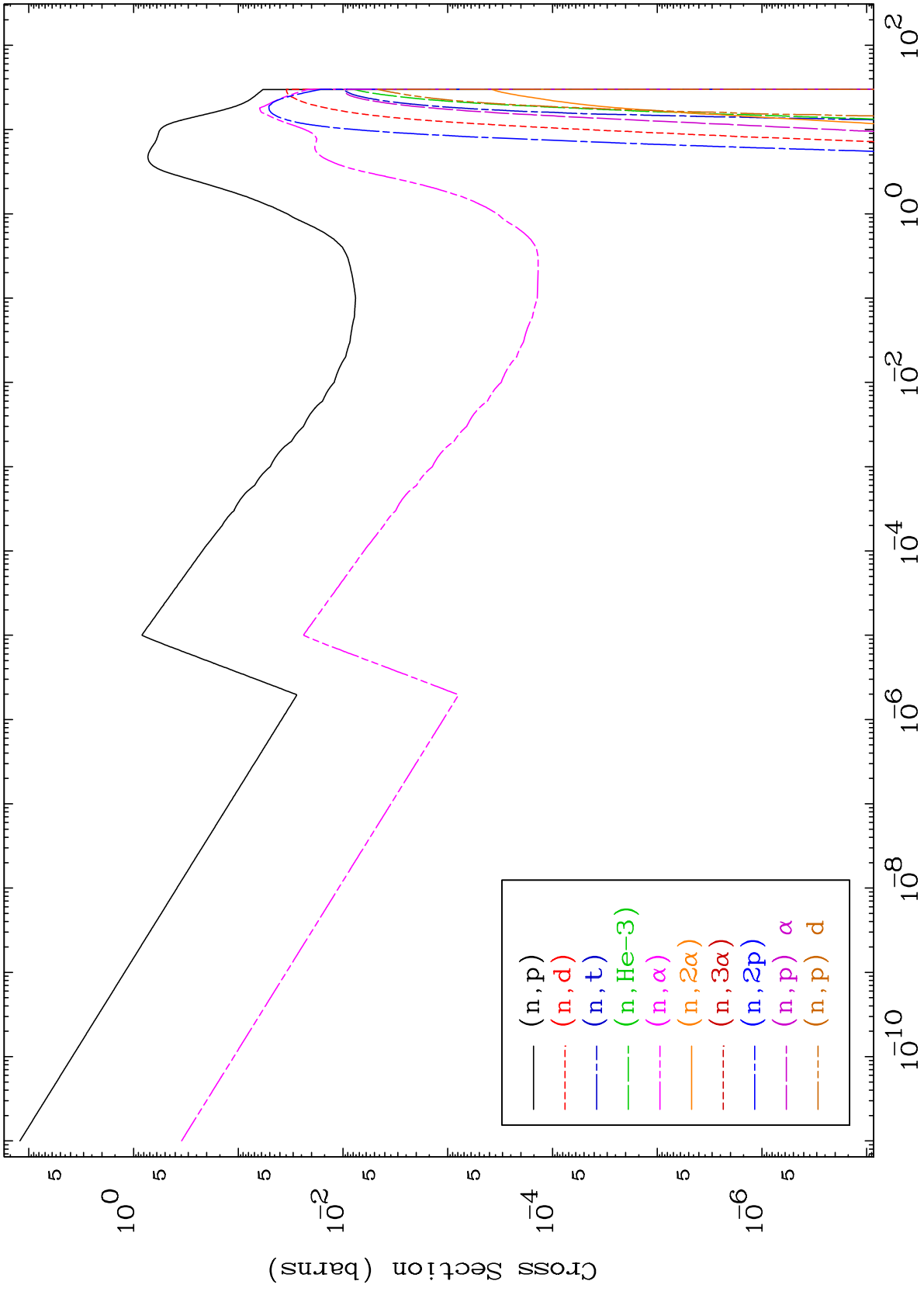


56-Ba-124

MAT 5607

293 Kelvin Cross Sections

56-Ba-124

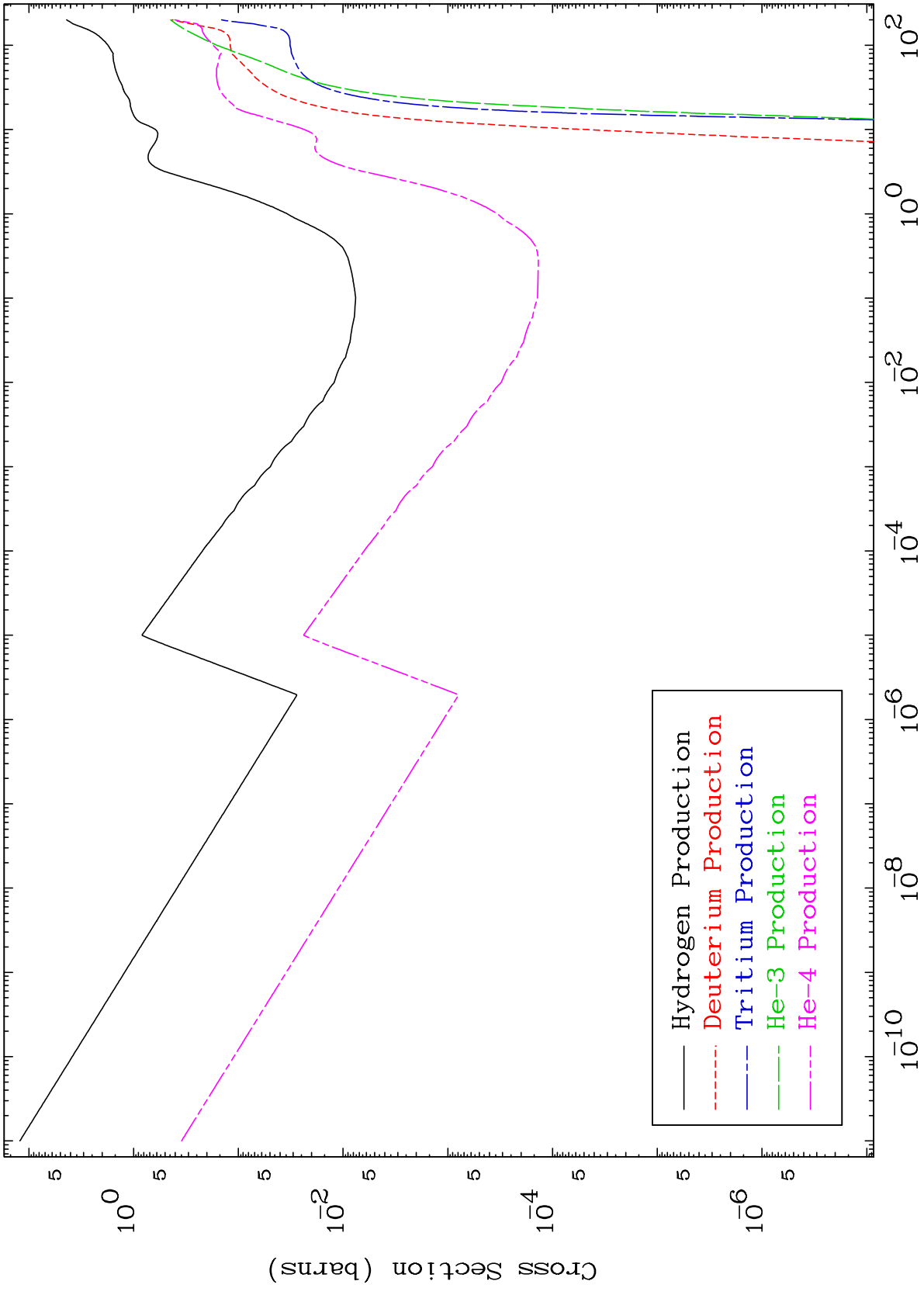


56-Ba-124

MAT 5607

Particle Production
293 Kelvin Cross Sections

56-Ba-124

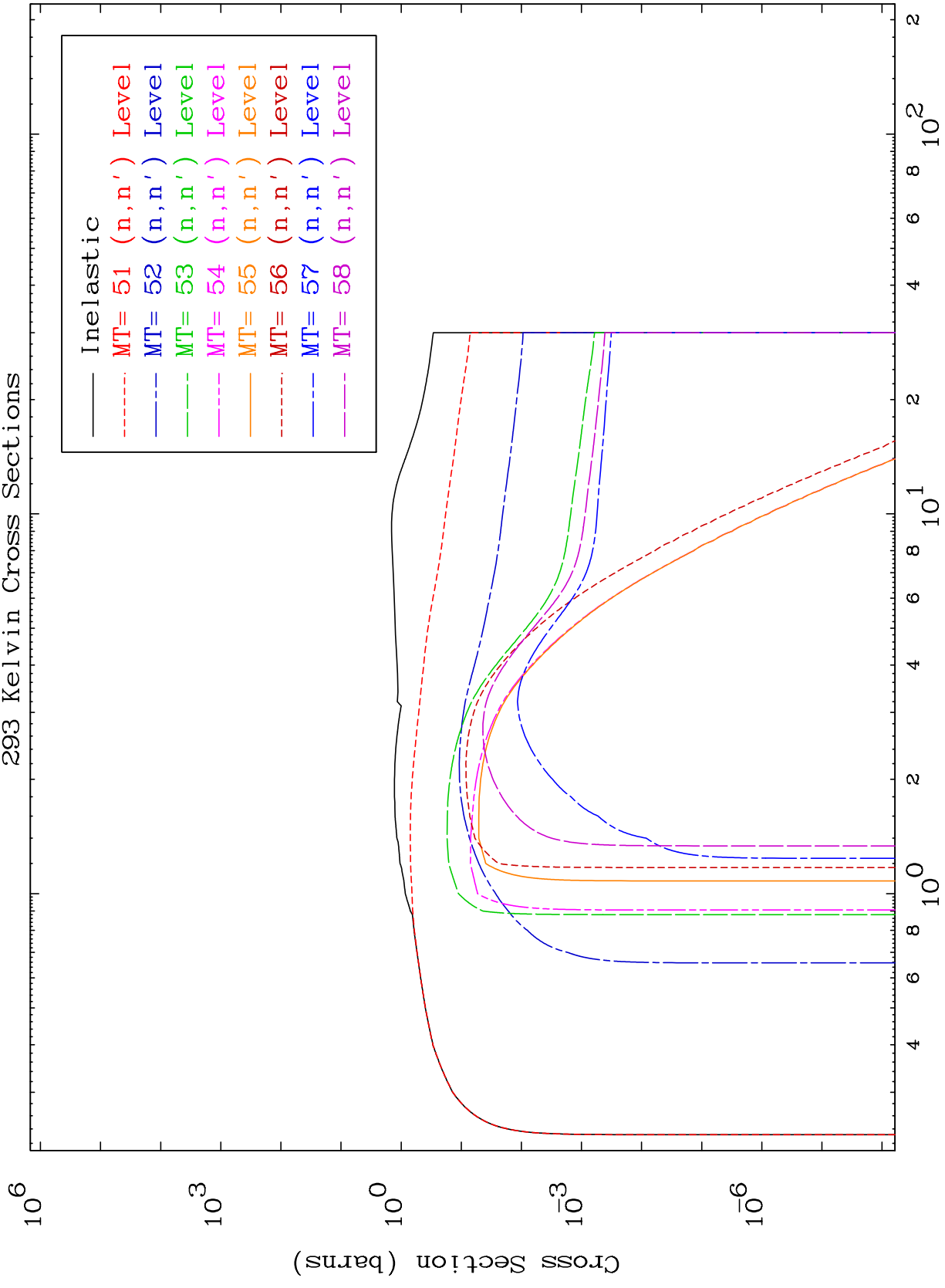


56-Ba-124

MAT 5607

(n,n') Level

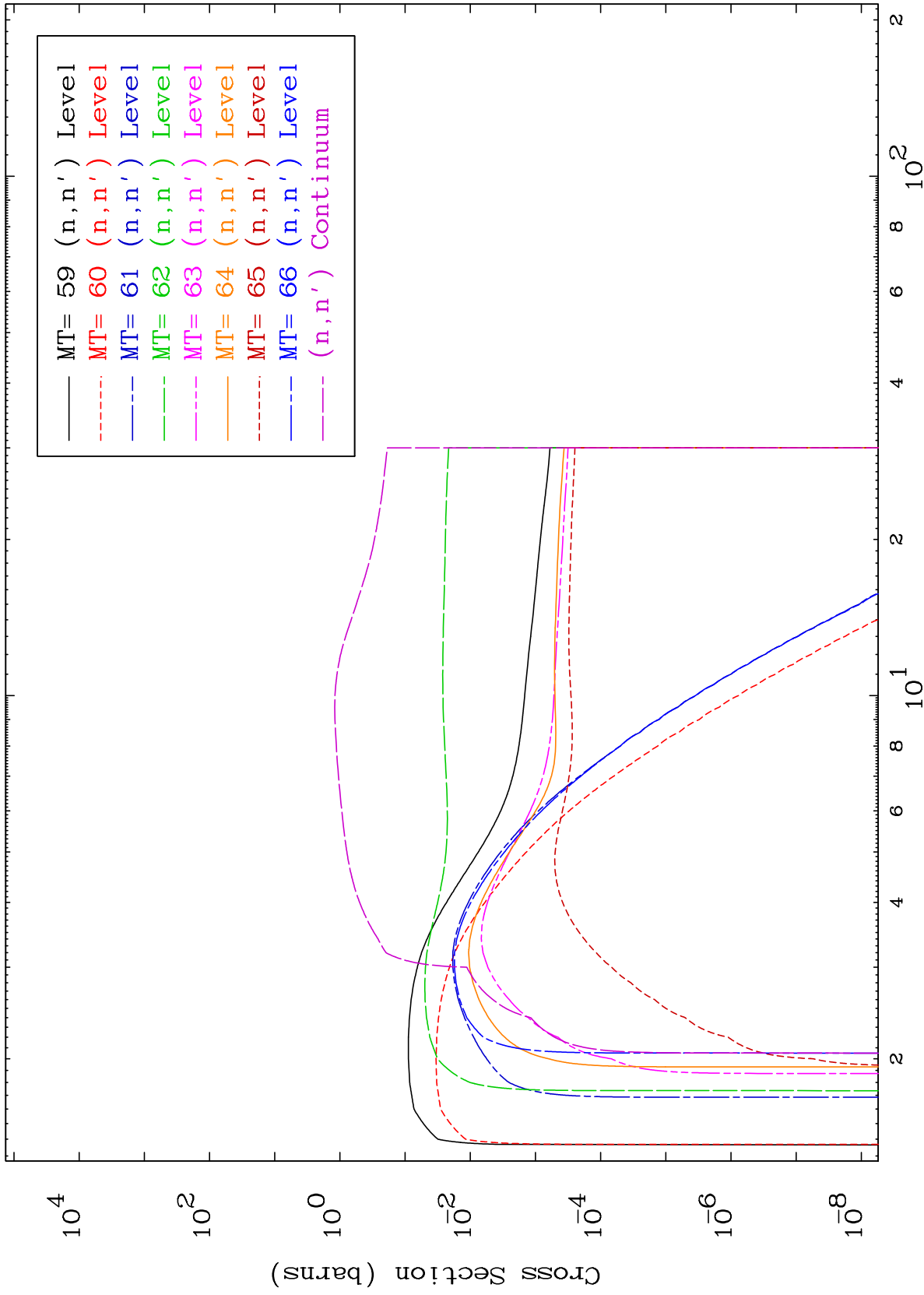
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MAT 5607

(n,n') Level
293 Kelvin Cross Sections

56-Ba-124



8

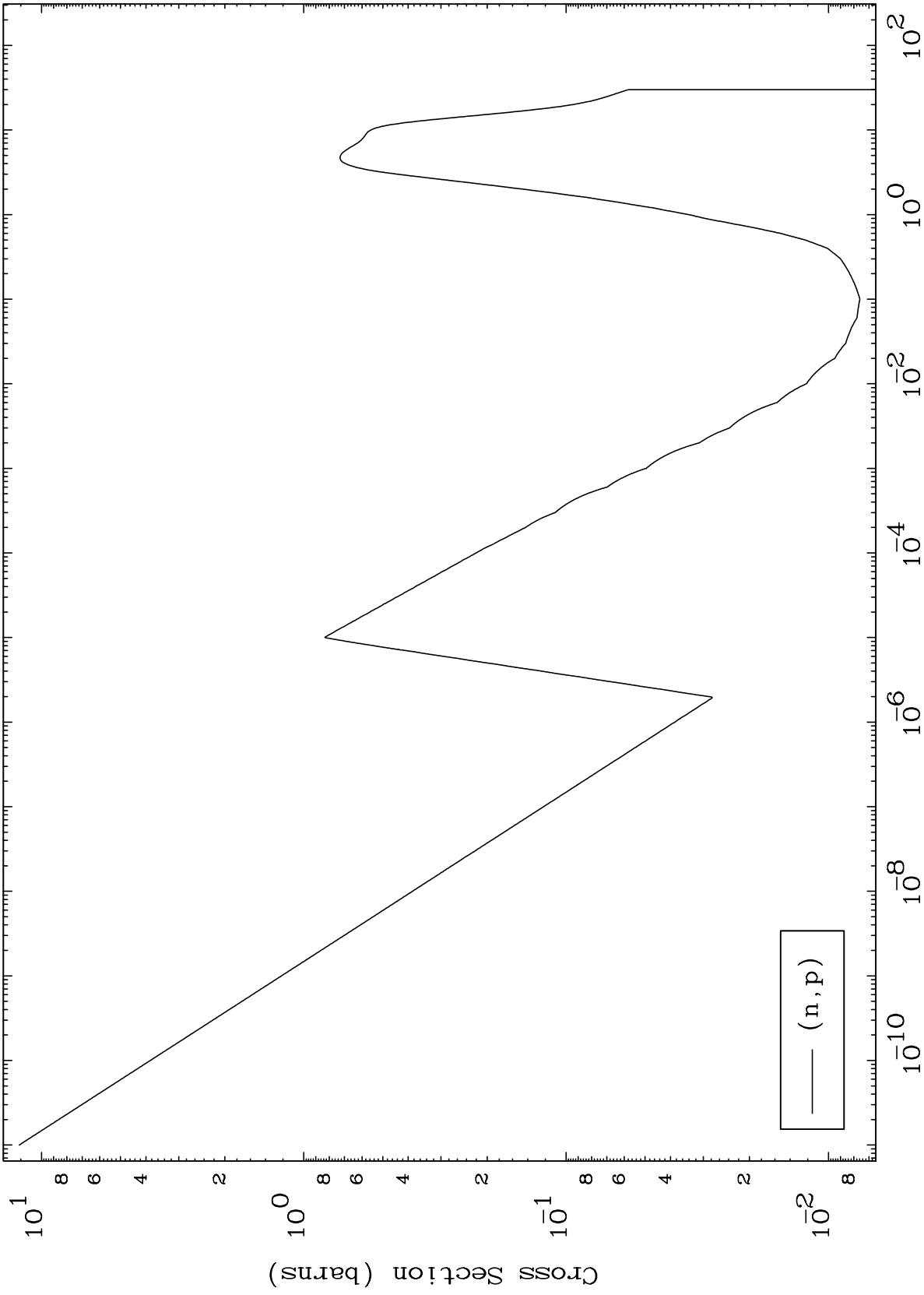
Incident Energy (MeV)

56-Ba-124

MAT 5607

(n,p) Levels
293 Kelvin Cross Sections

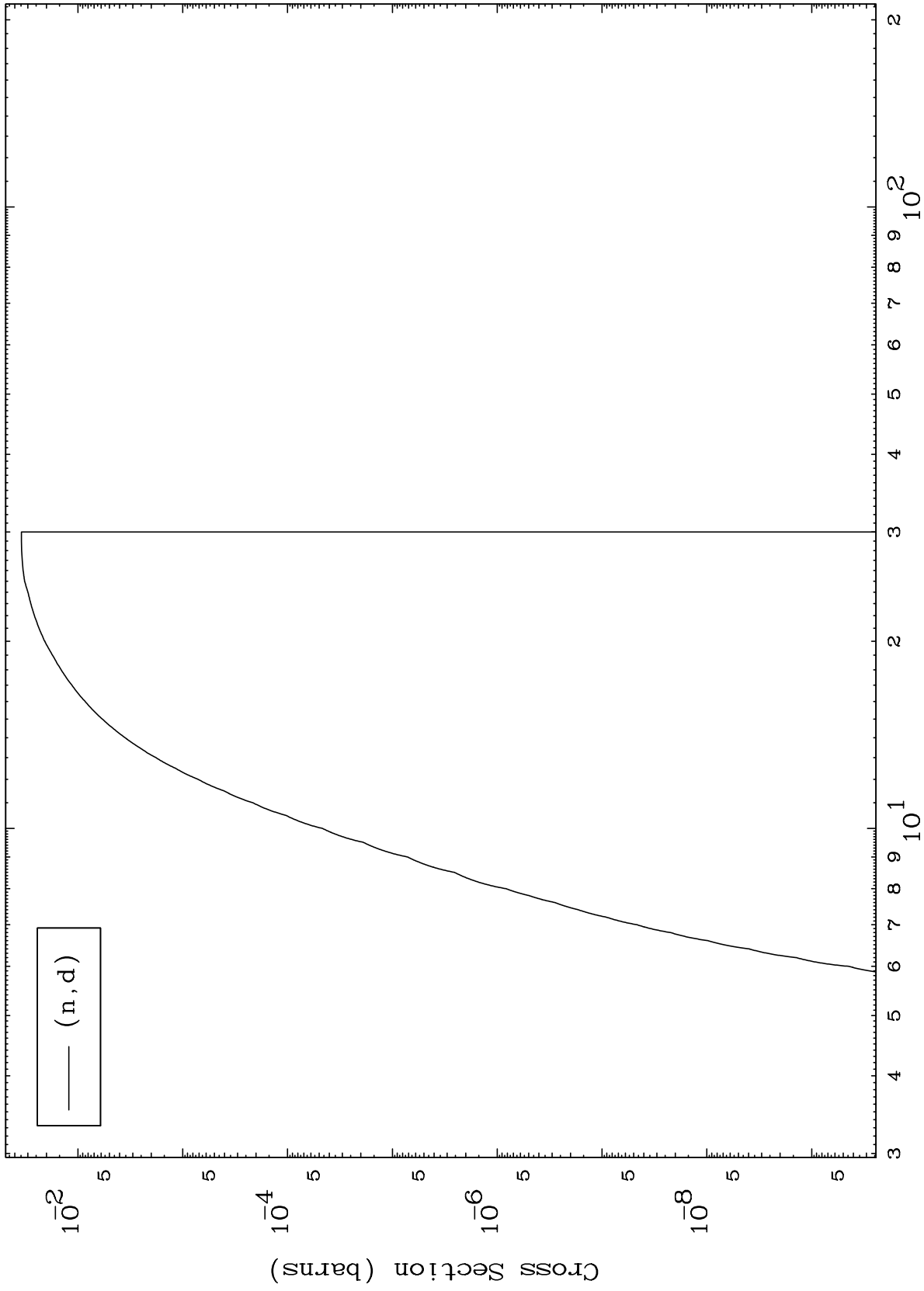
56-Ba-124



MAT 5607

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-124



10

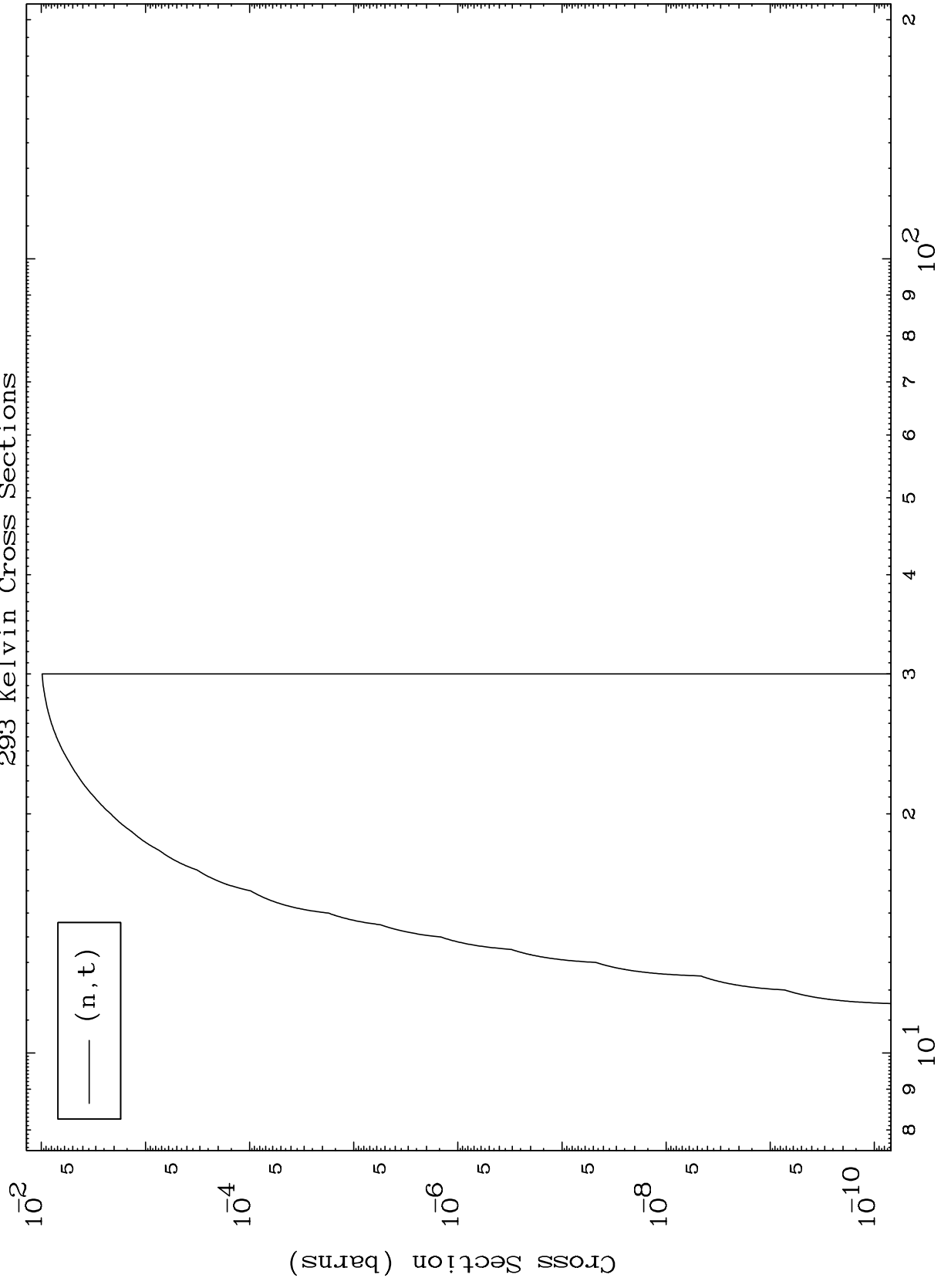
Incident Energy (MeV)

56-Ba-124

MAT 5607

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-124



11

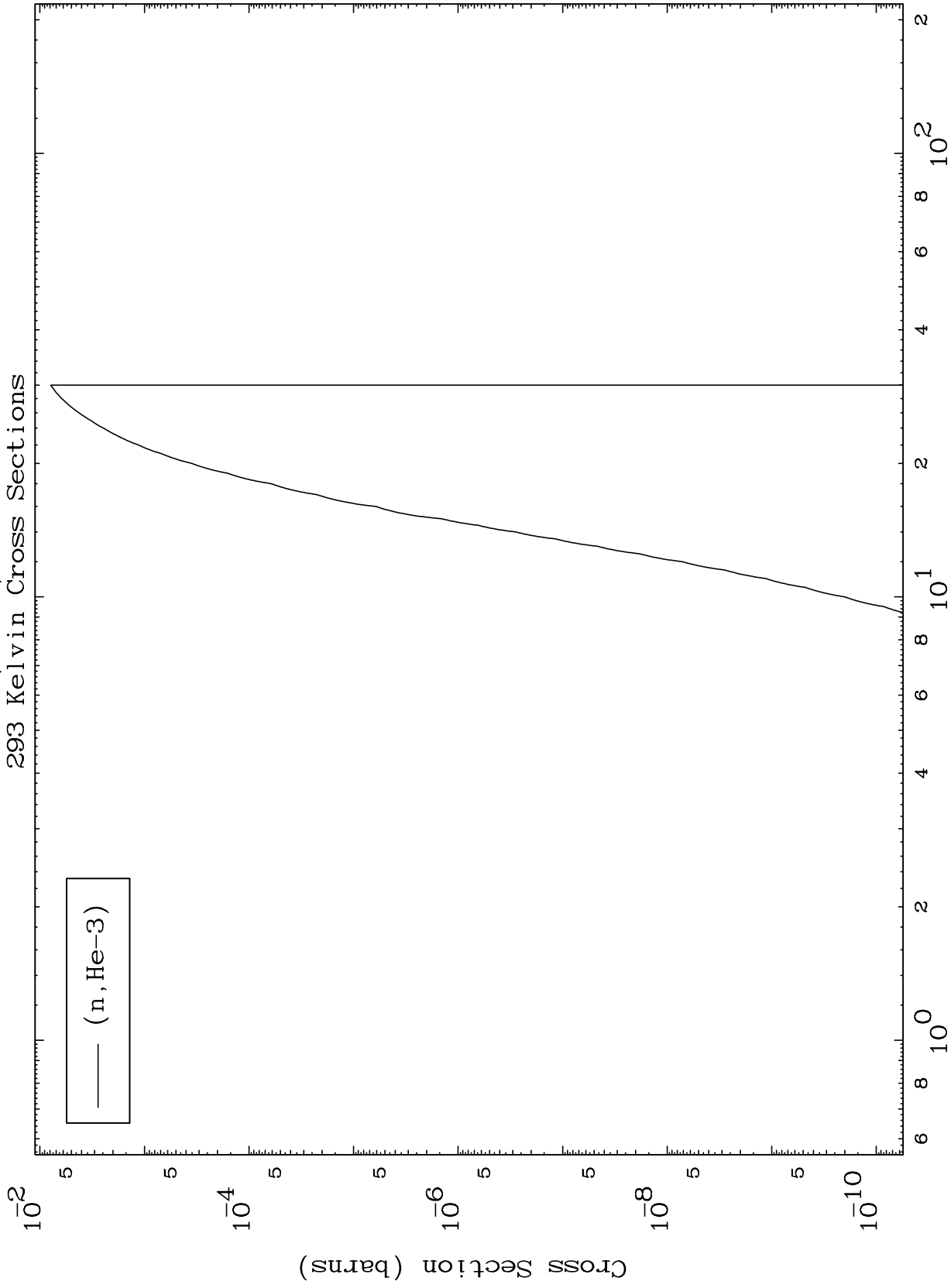
Incident Energy (MeV)

56-Ba-124

MAT 5607

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-124



12

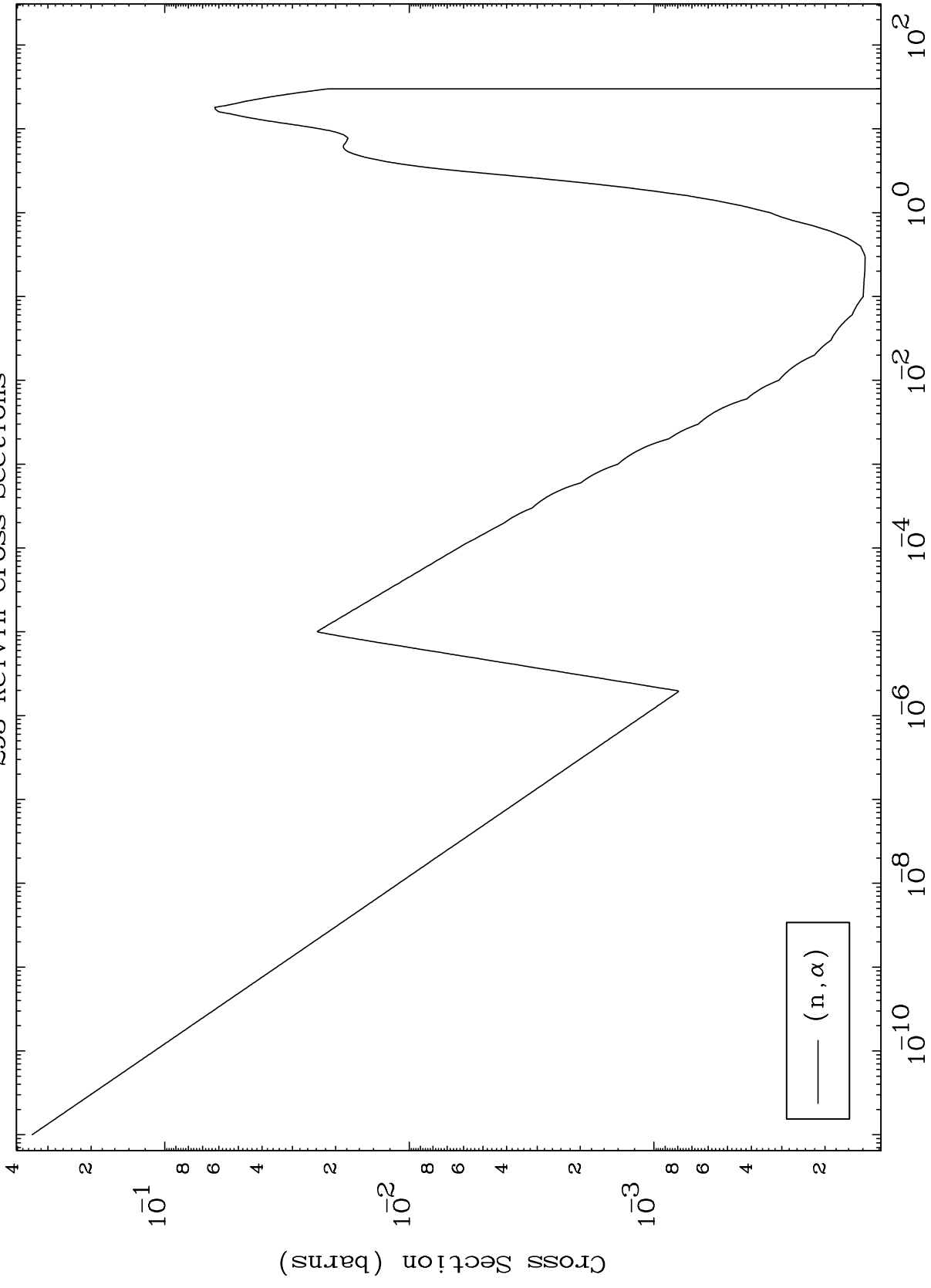
Incident Energy (MeV)

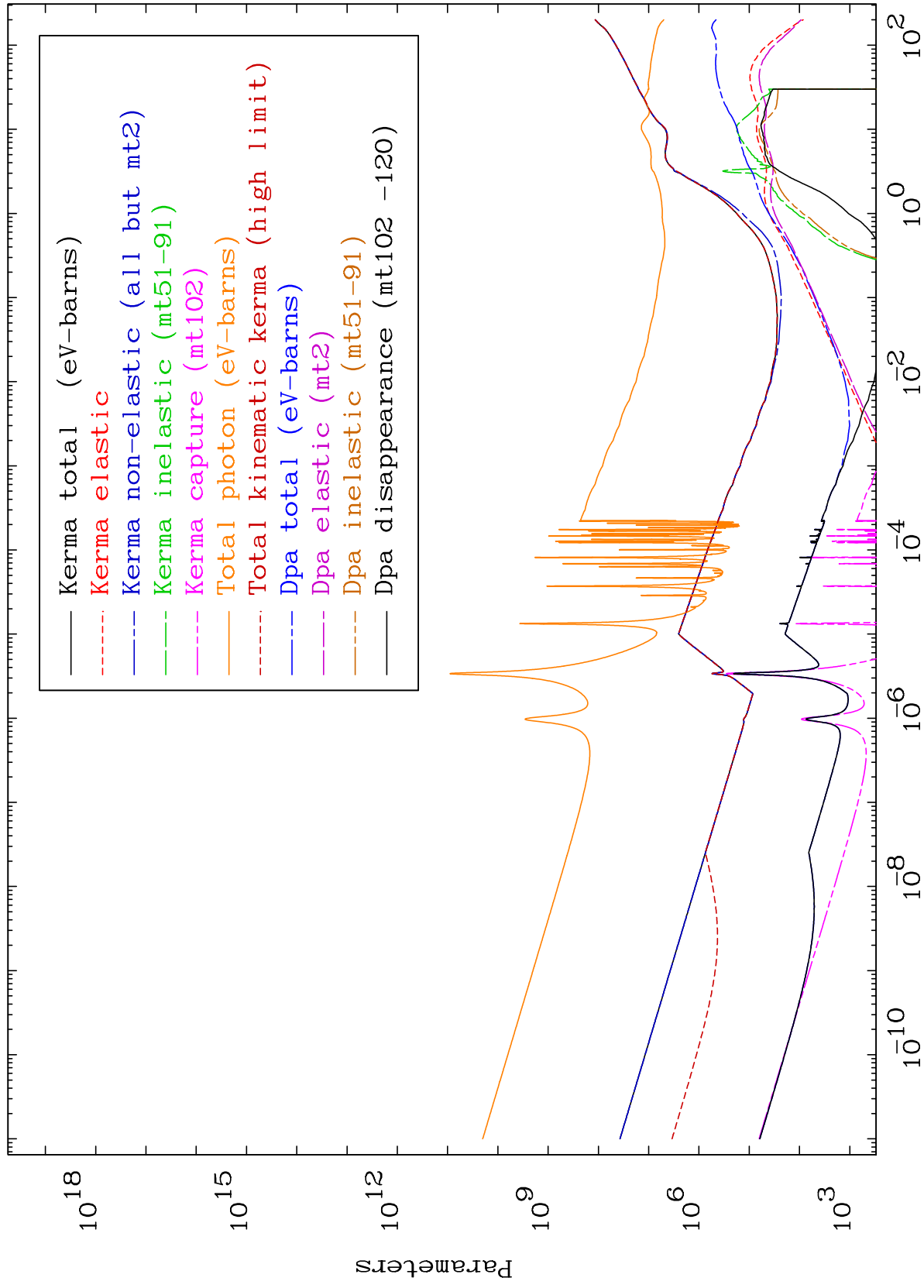
56-Ba-124

MAT 5607

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-124

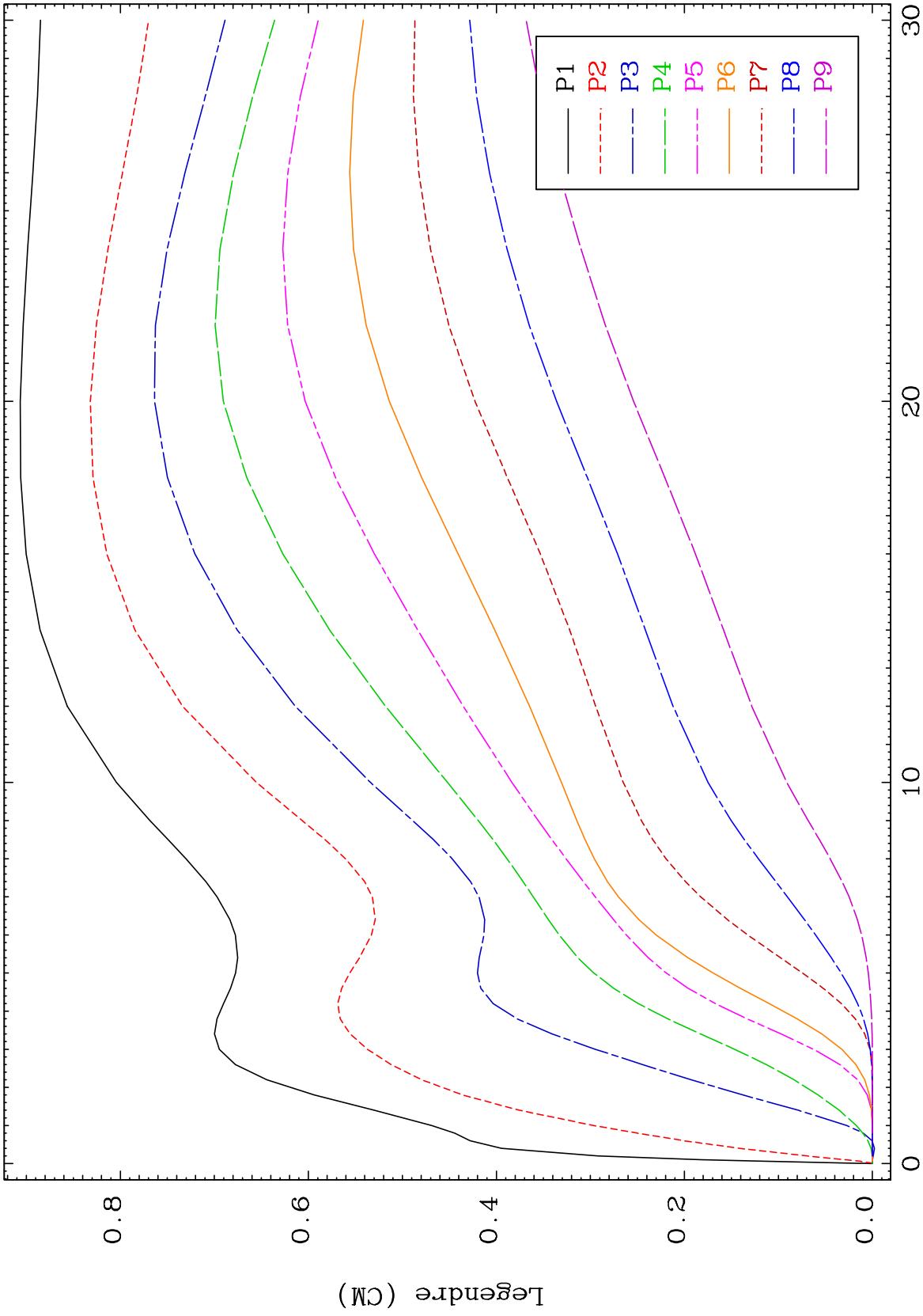




MAT 5607

Elastic Legendre Coefficients

56-Ba-124



0

15

10

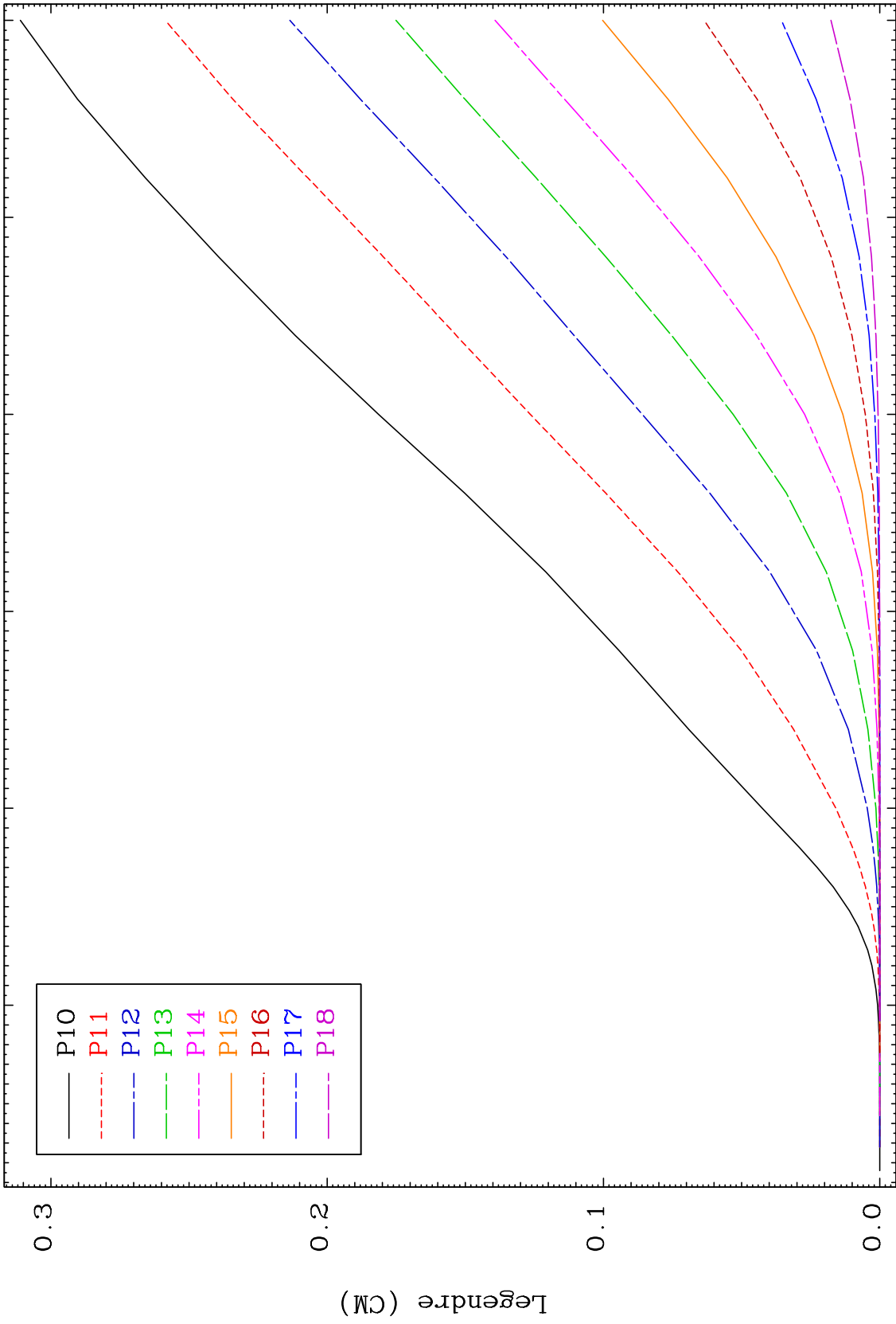
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30

MAT 5607

Elastic Legendre Coefficients

56-Ba-124



16

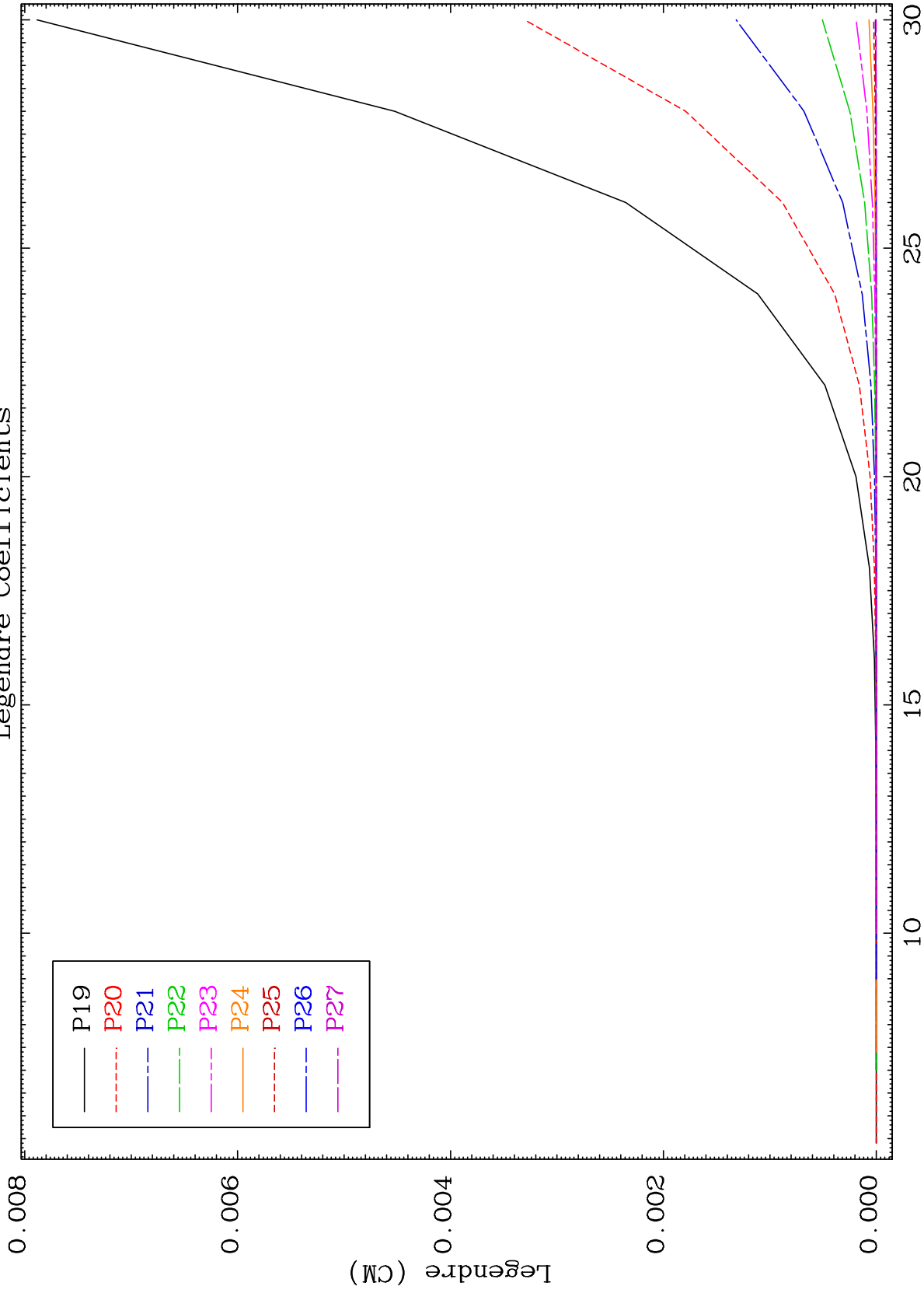
Incident Energy (MeV)

56-Ba-124

MAT 5607

Elastic Legendre Coefficients

56-Ba-124



17

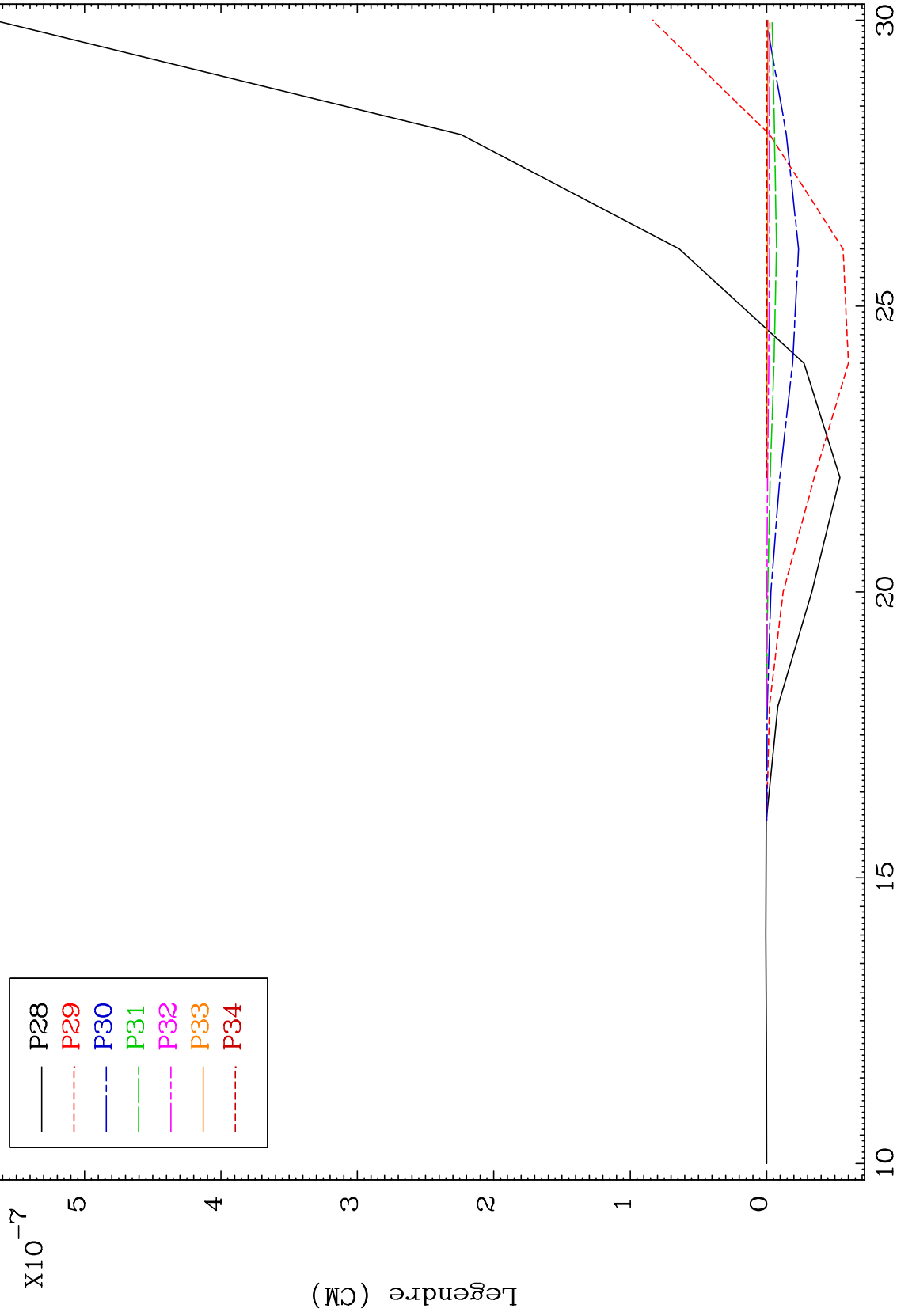
Incident Energy (MeV)

56-Ba-124

MAT 5607

Elastic Legendre Coefficients

56-Ba-124



10

15

20

25

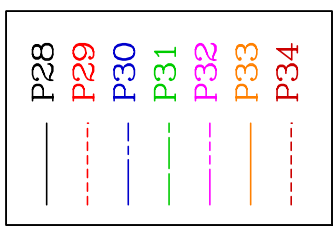
30

Incident Energy (MeV)

56-Ba-124

$\times 10^{-7}$

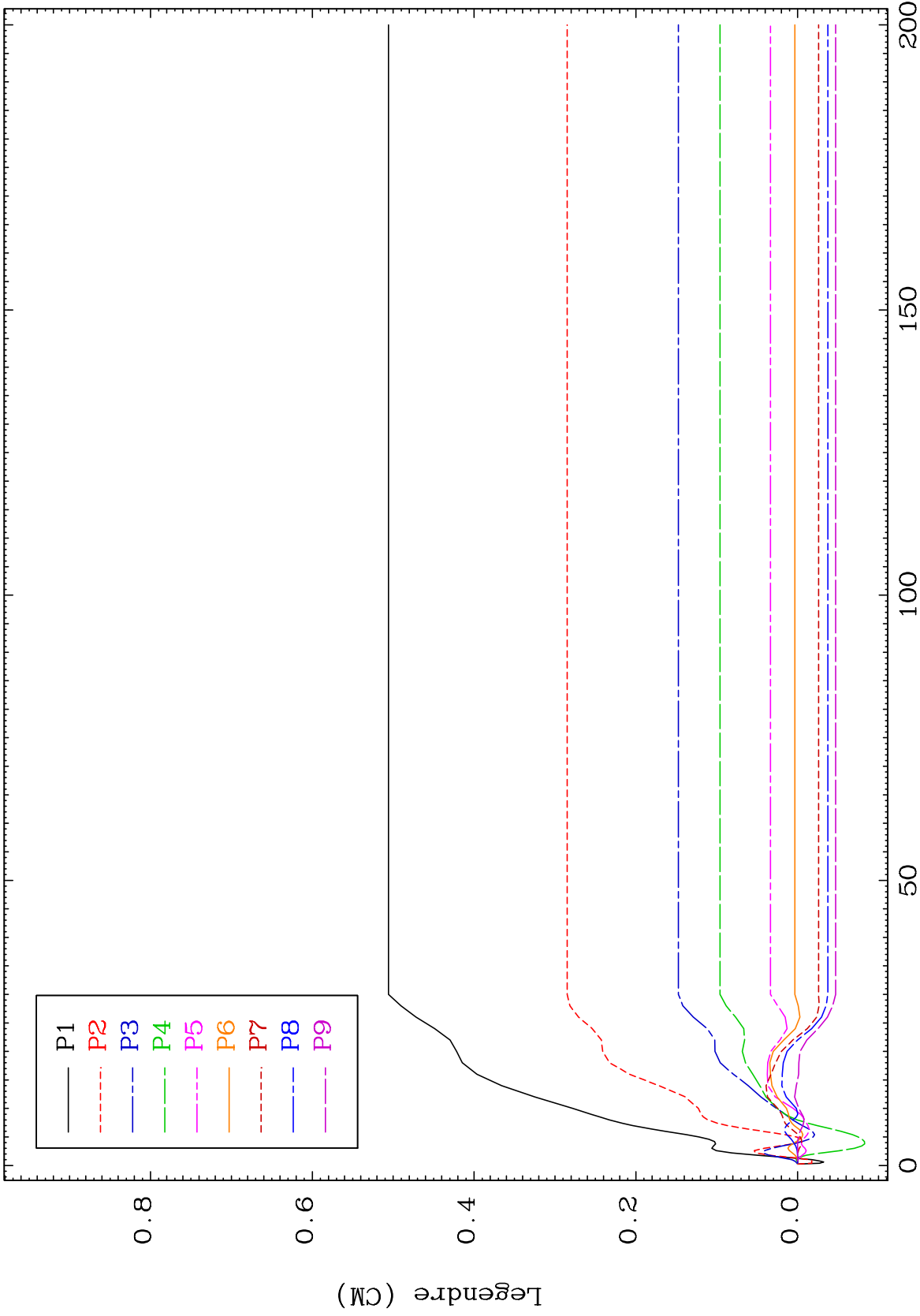
Legendre (CM)



MAT 5607

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

56-Ba-124

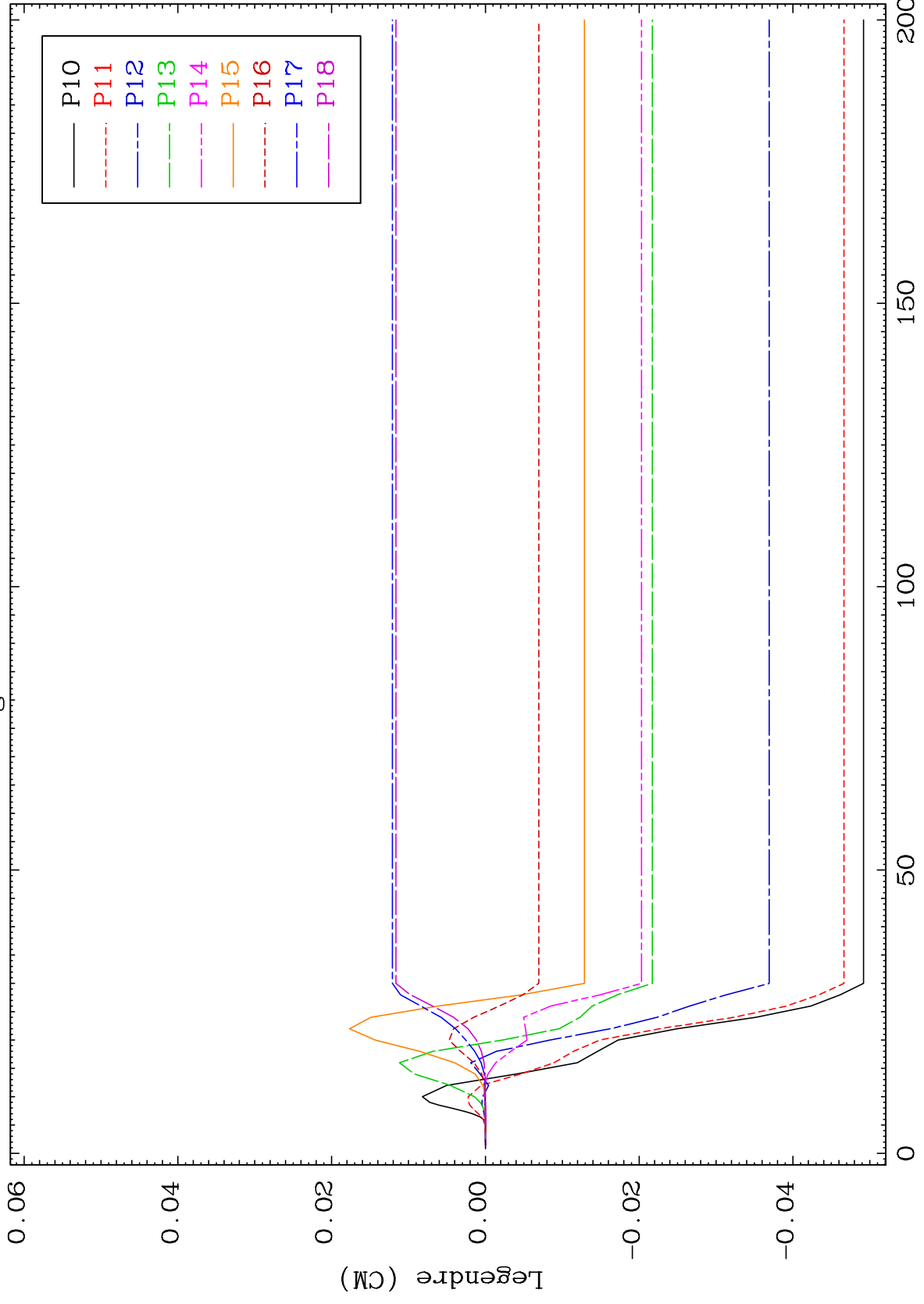


19

Incident Energy (MeV)

56-Ba-124

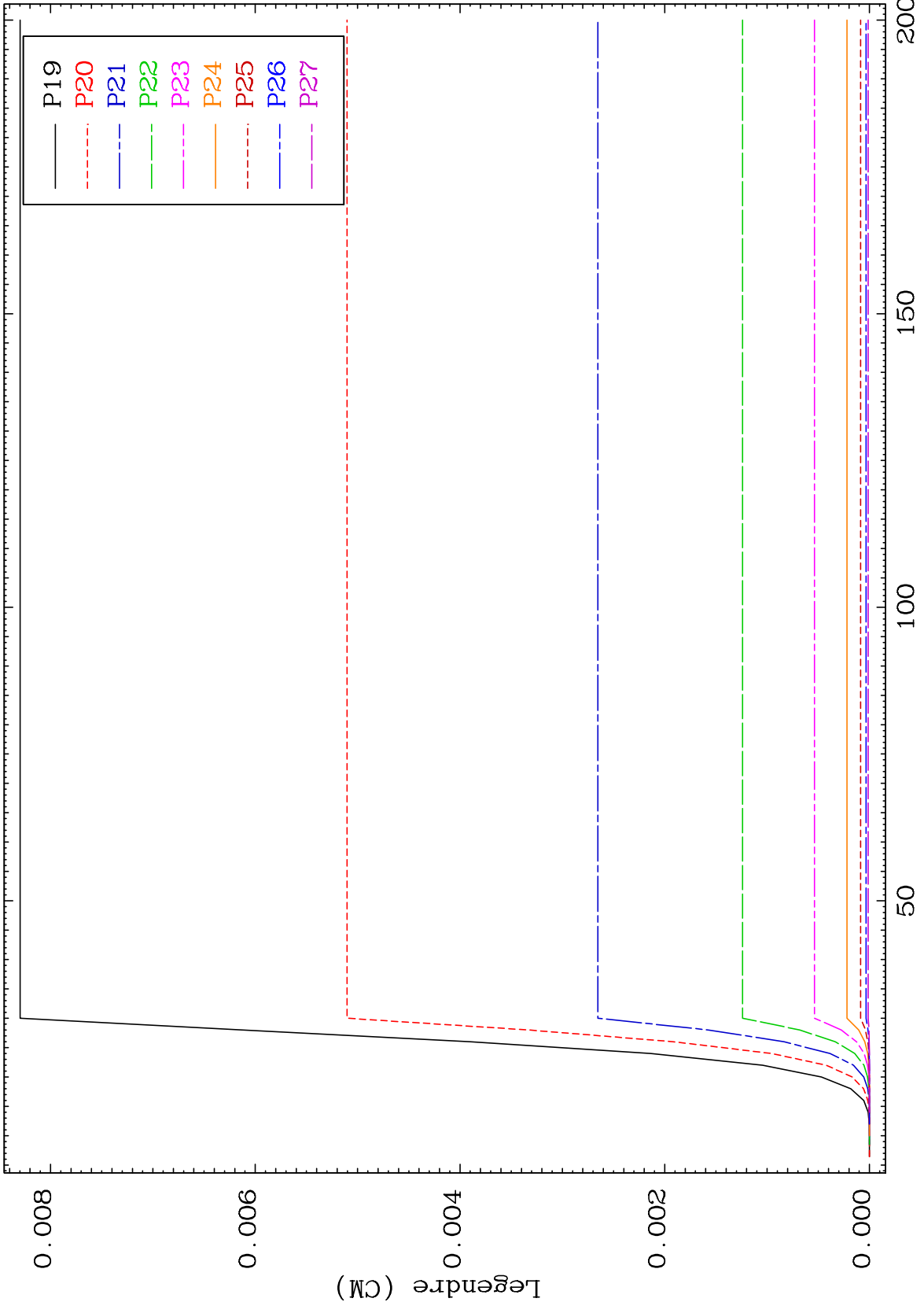
MAT 5607 MT= 51 (n,n') Level Legendre Coefficients 56-Ba-124



MAT 5607

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

56-Ba-124



21

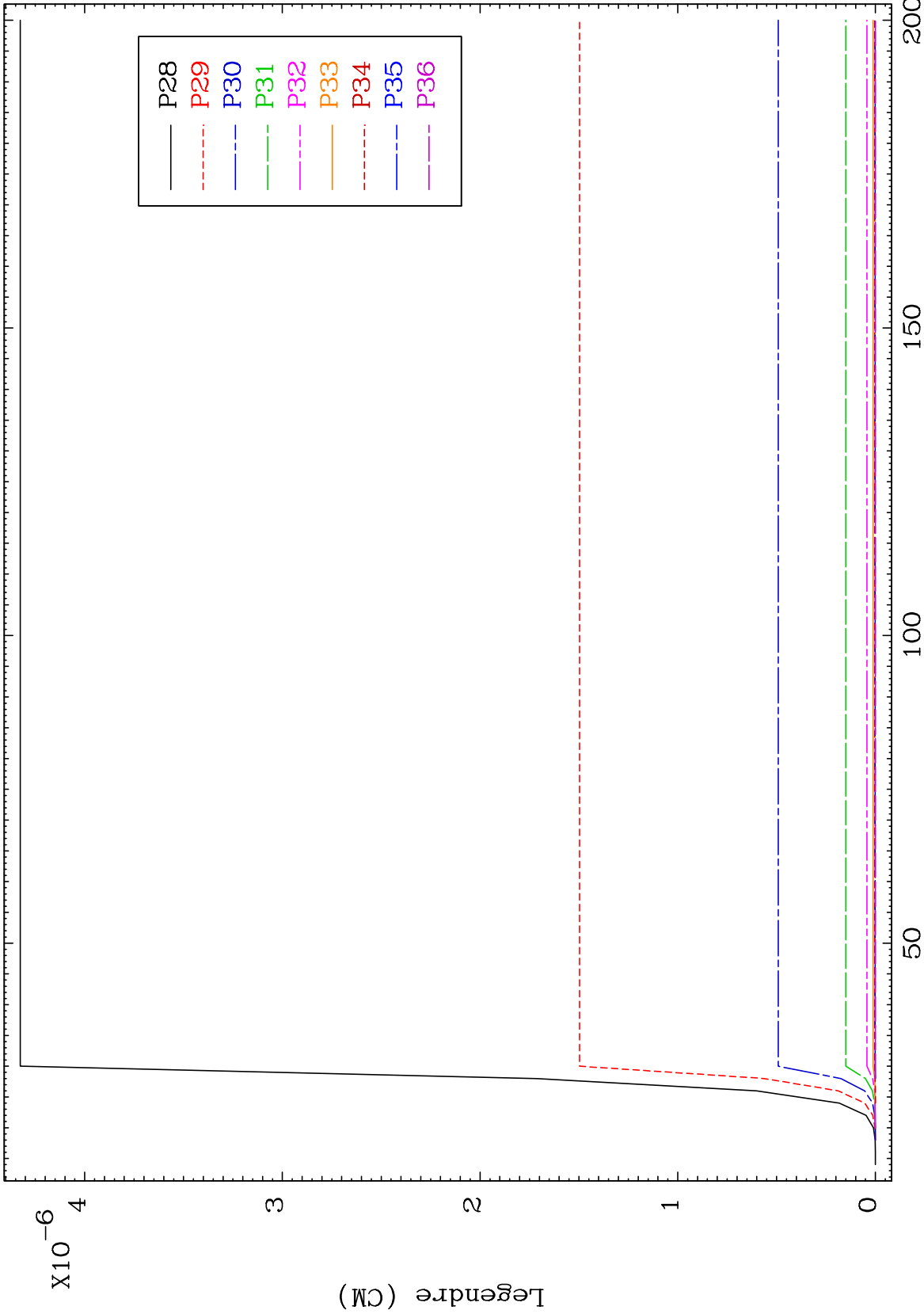
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



22

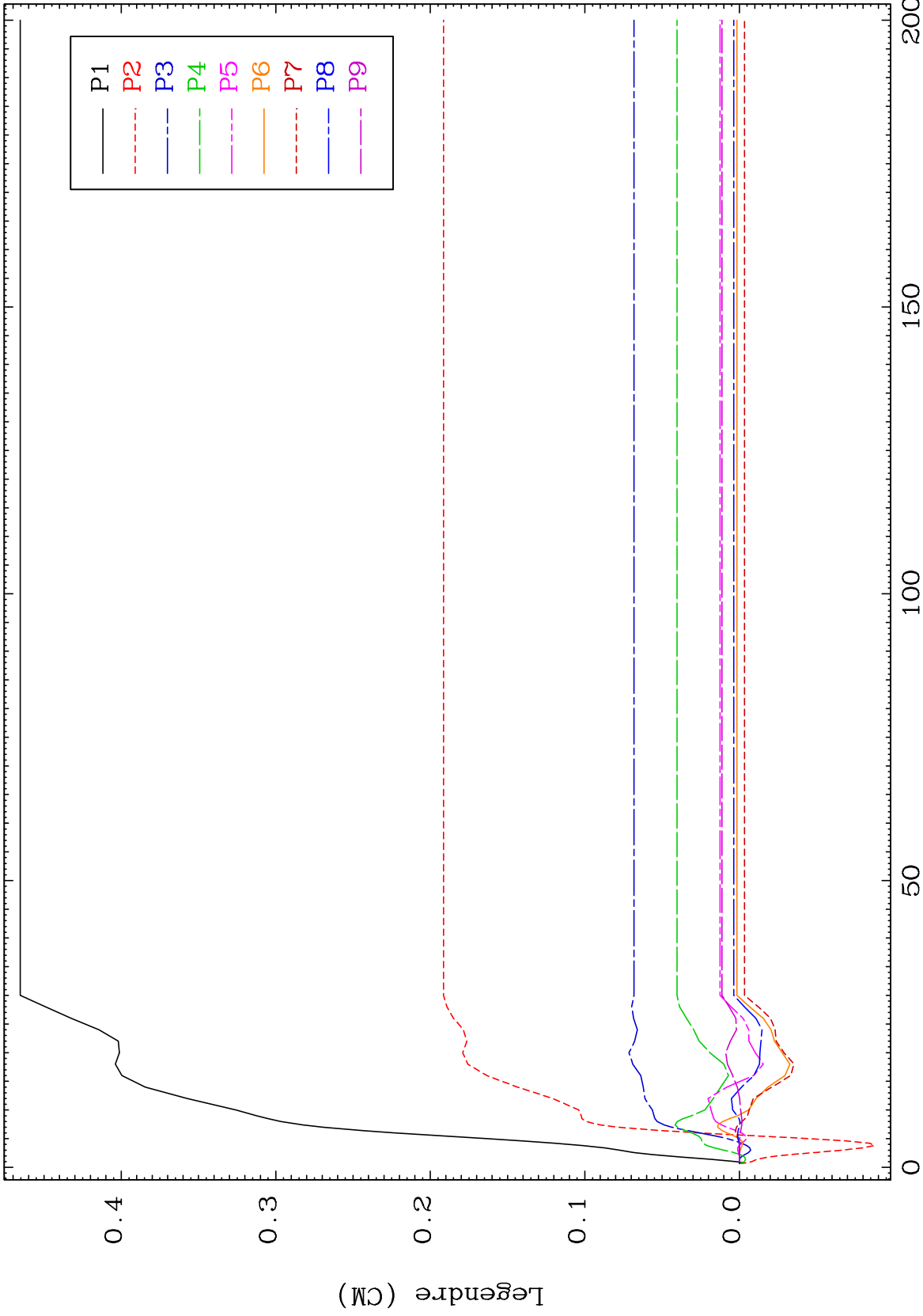
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



23

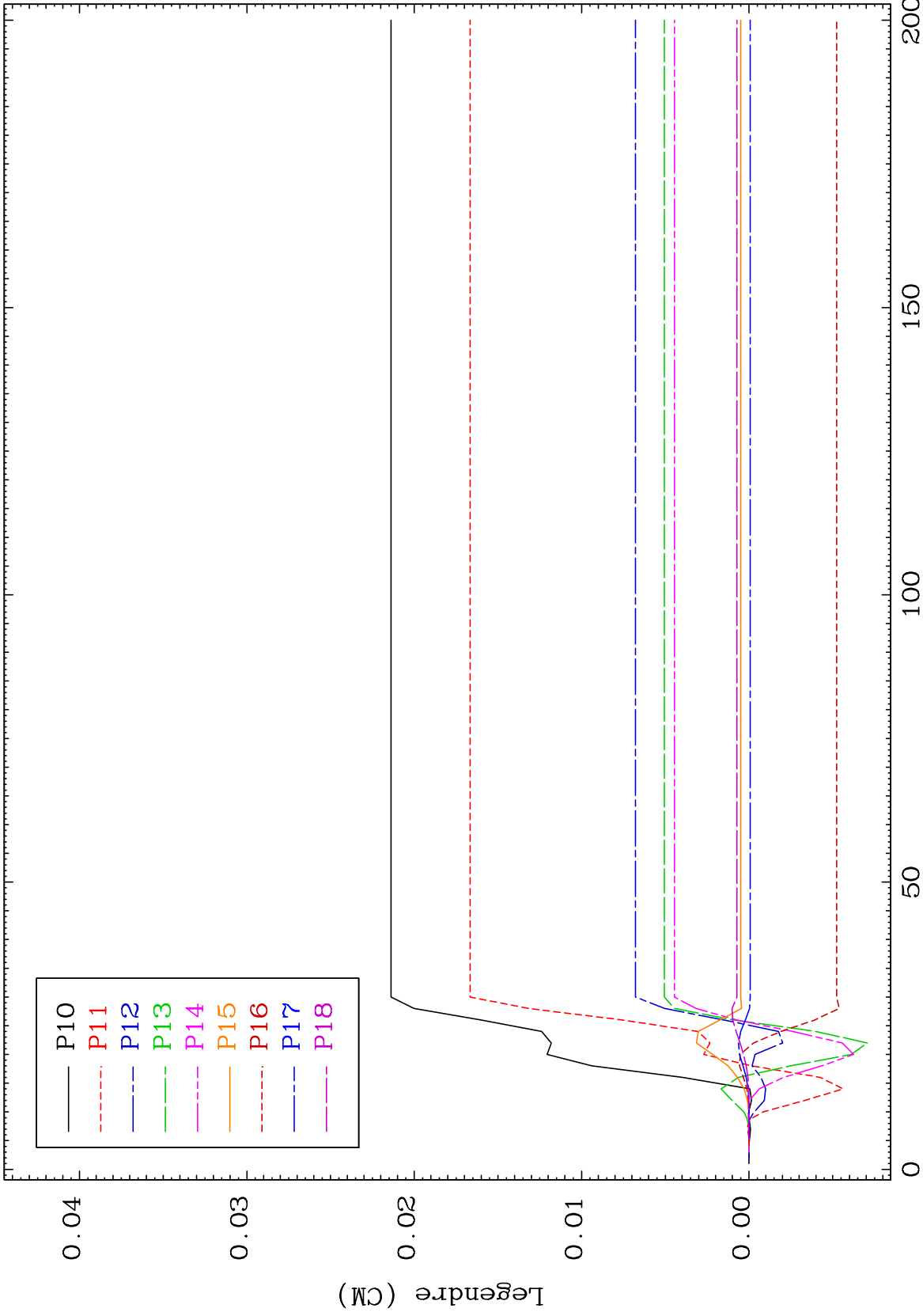
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



24

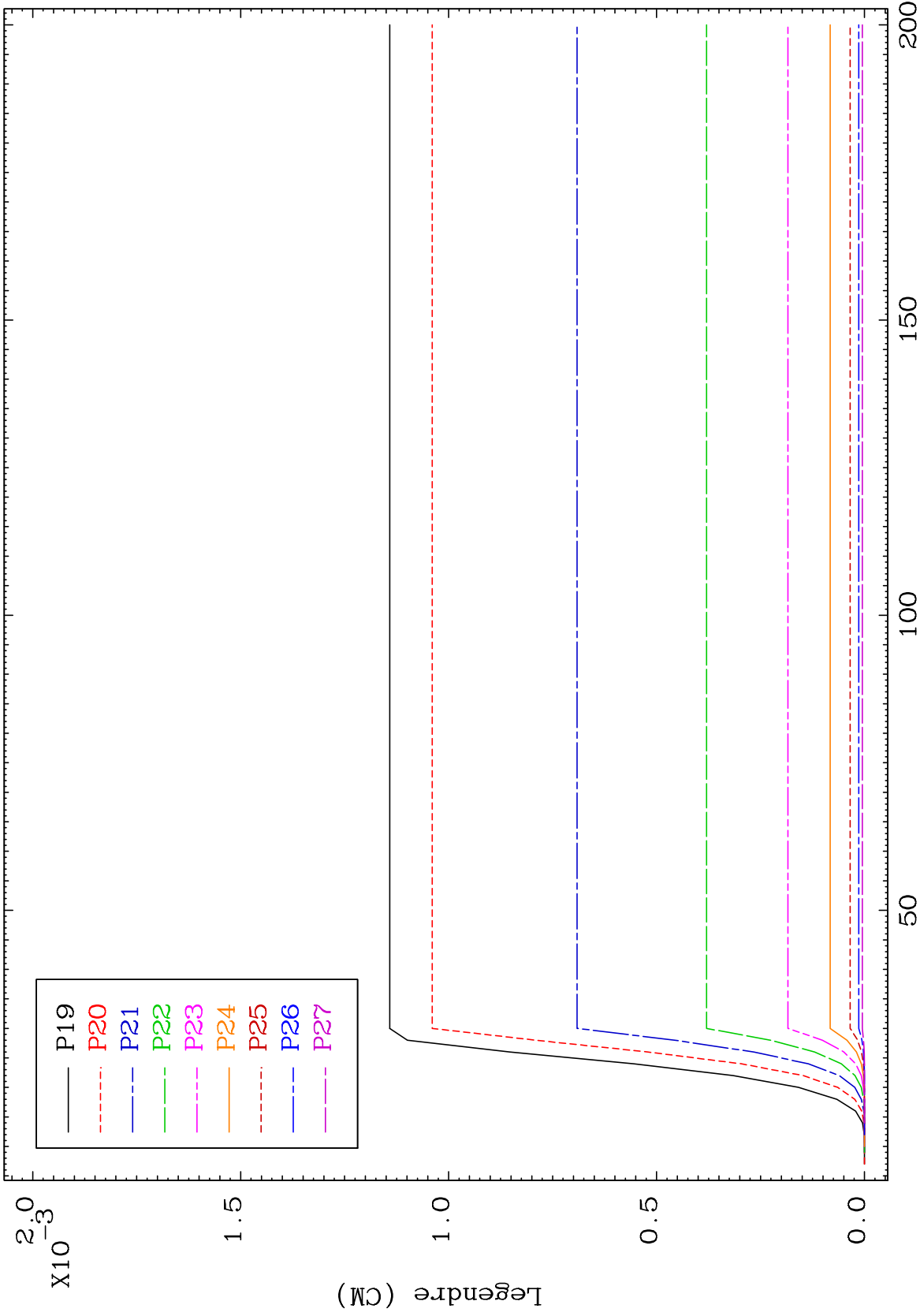
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



25

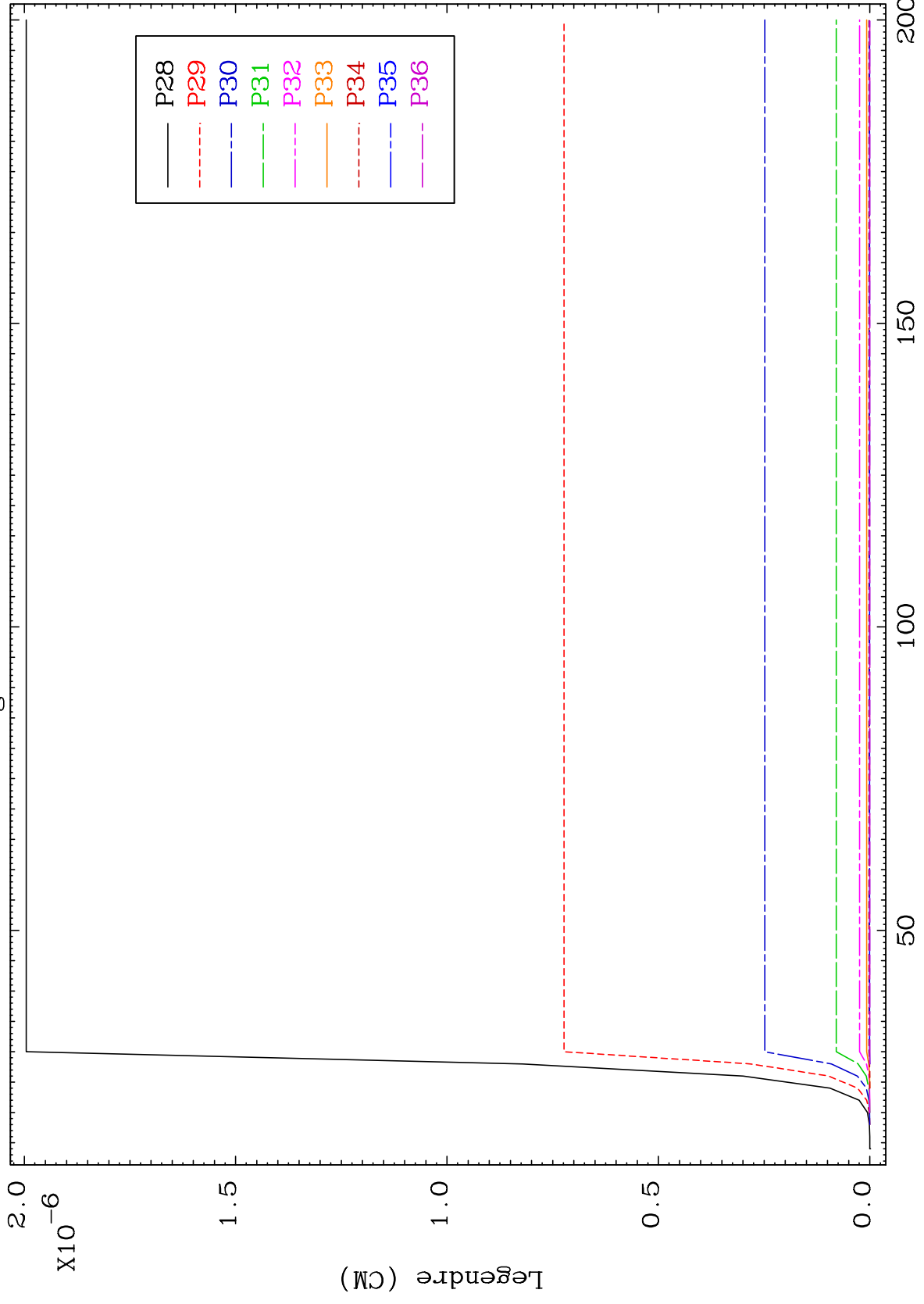
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



26

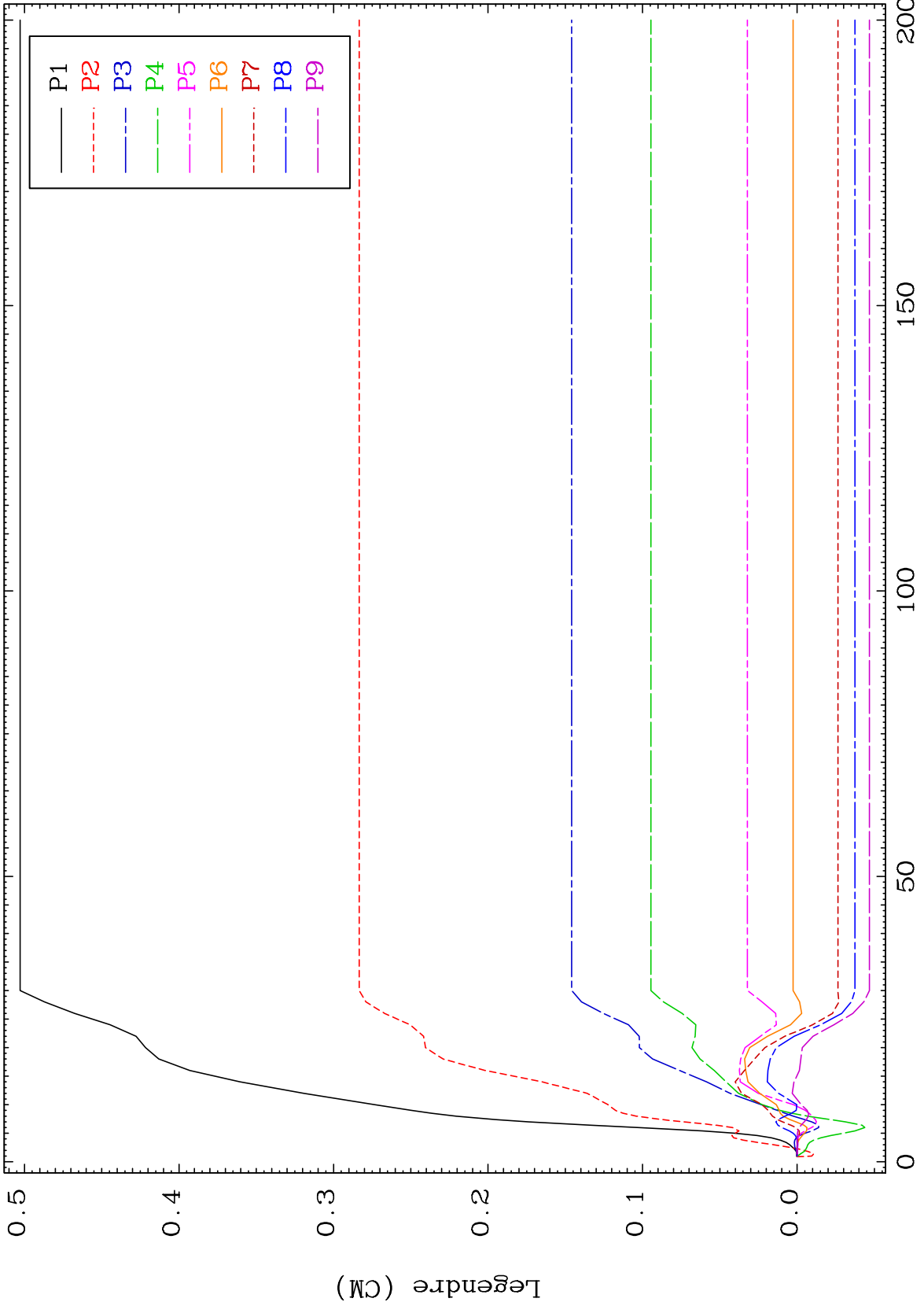
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



27

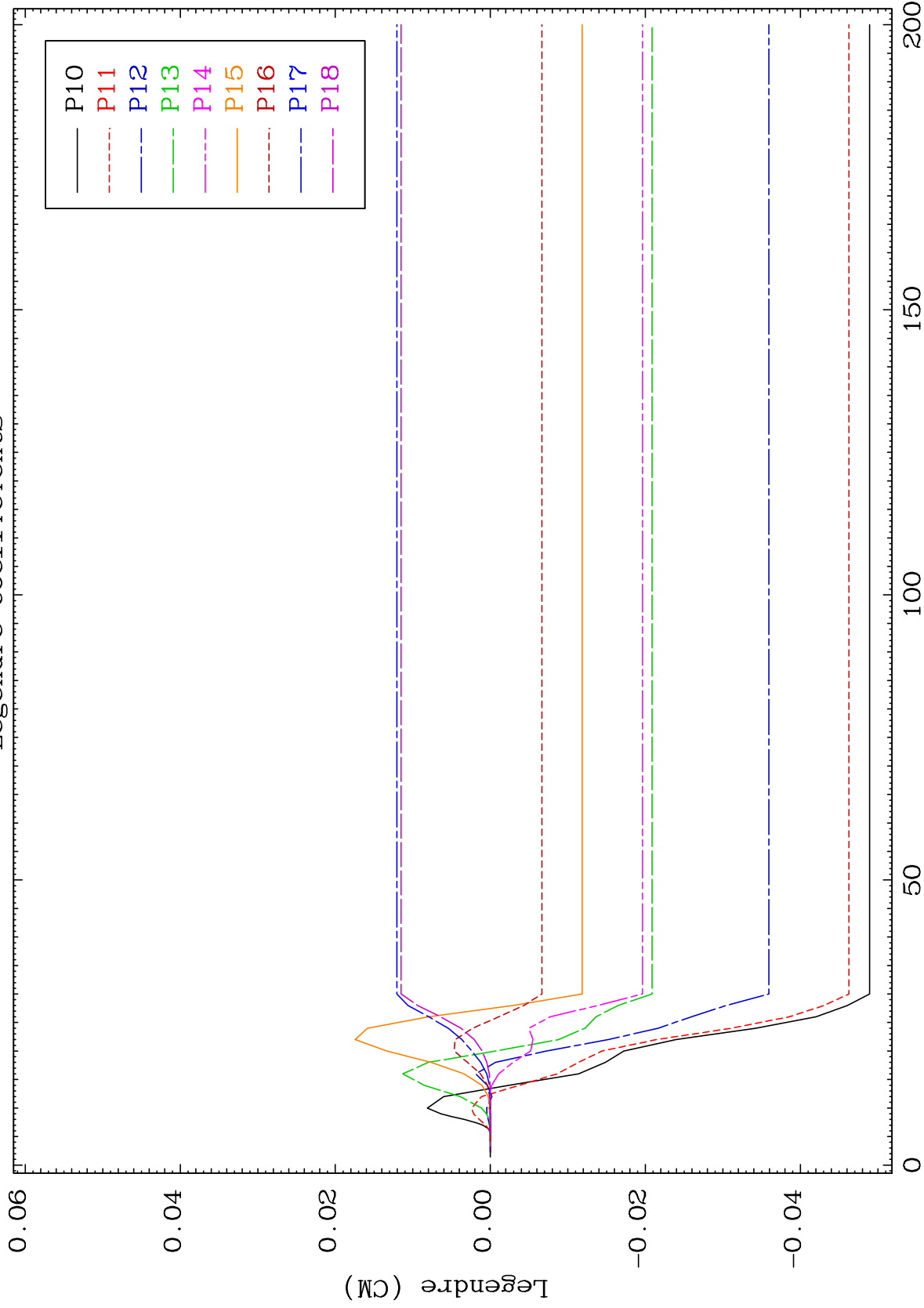
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



28

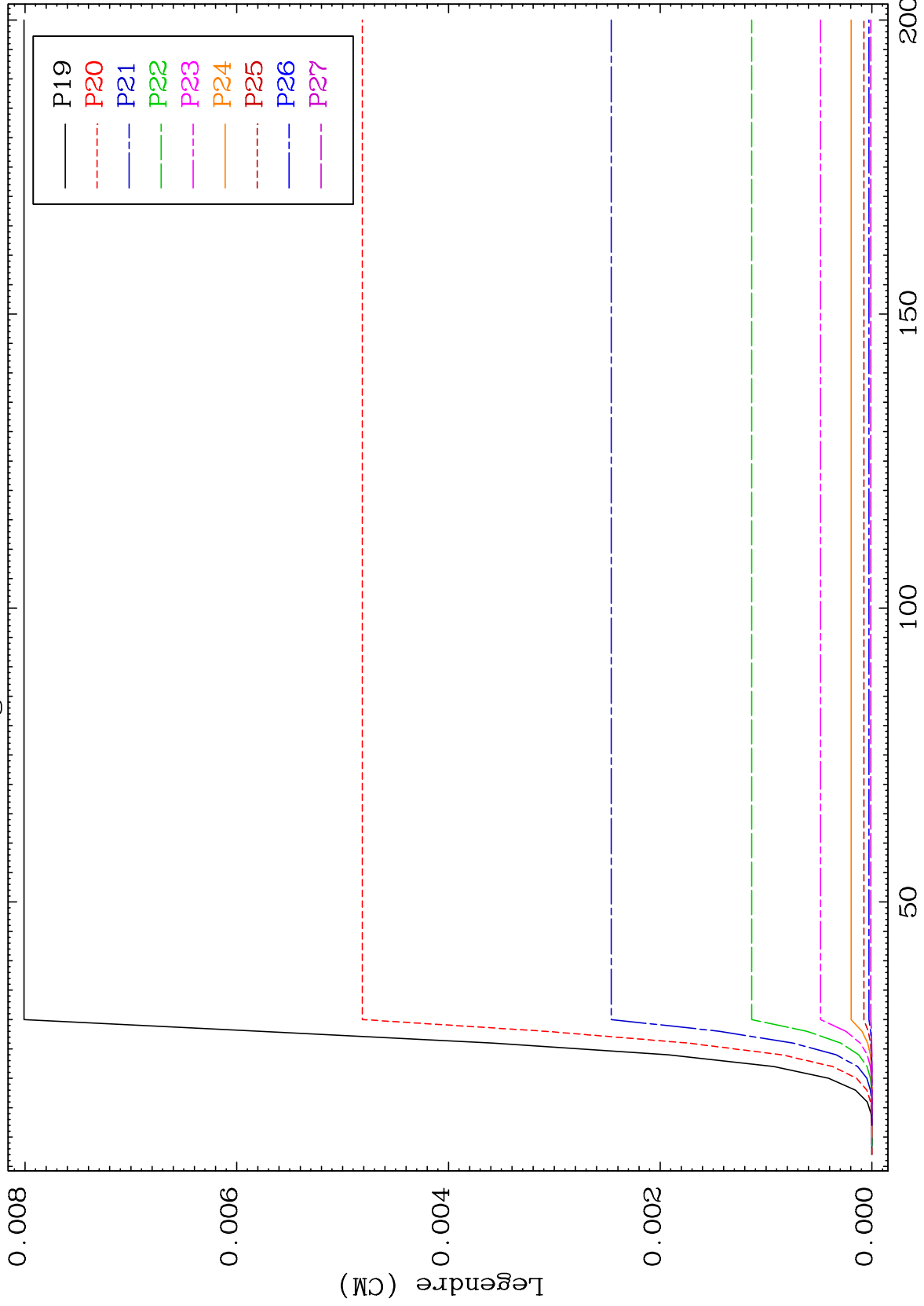
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



29

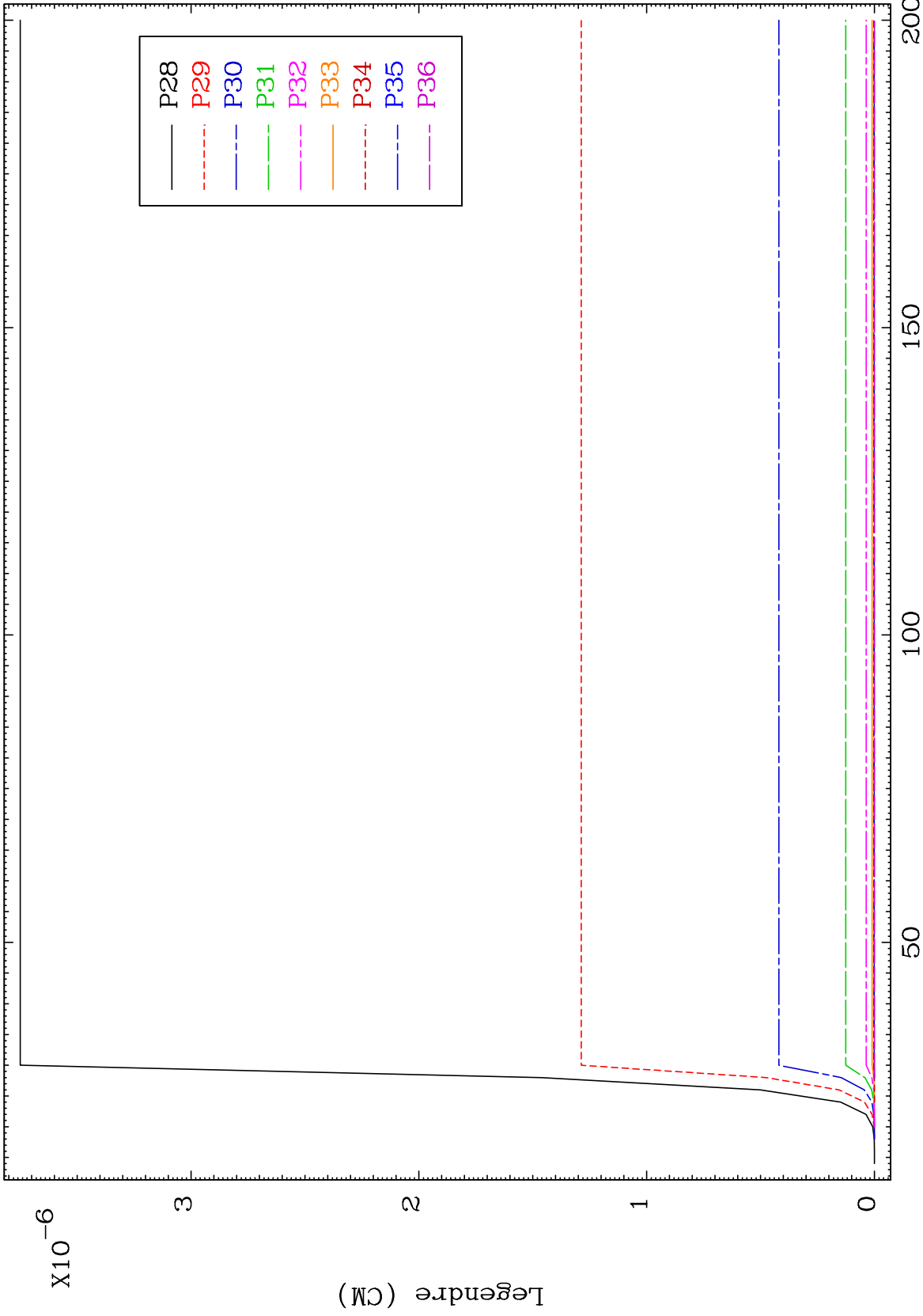
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



30

50

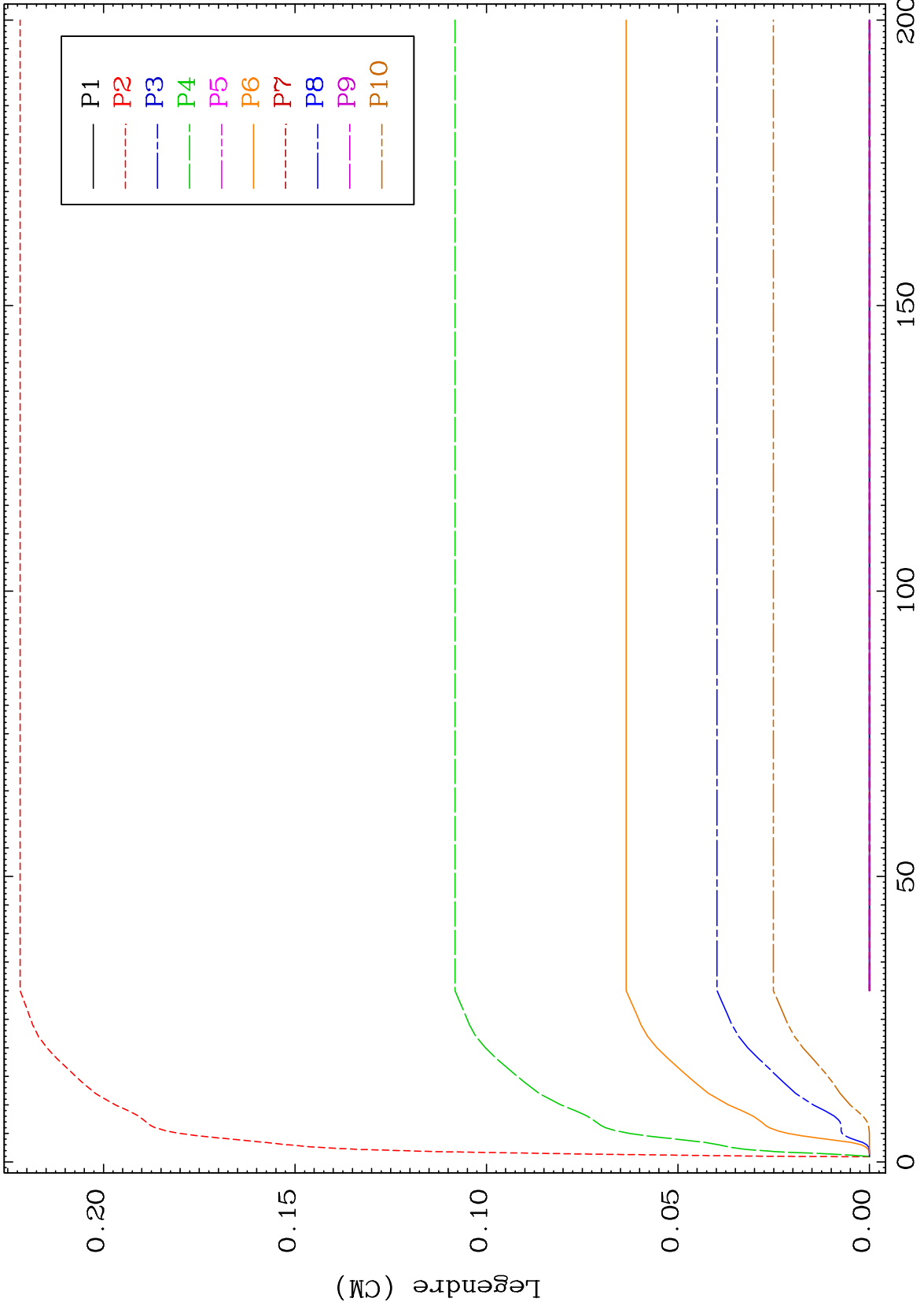
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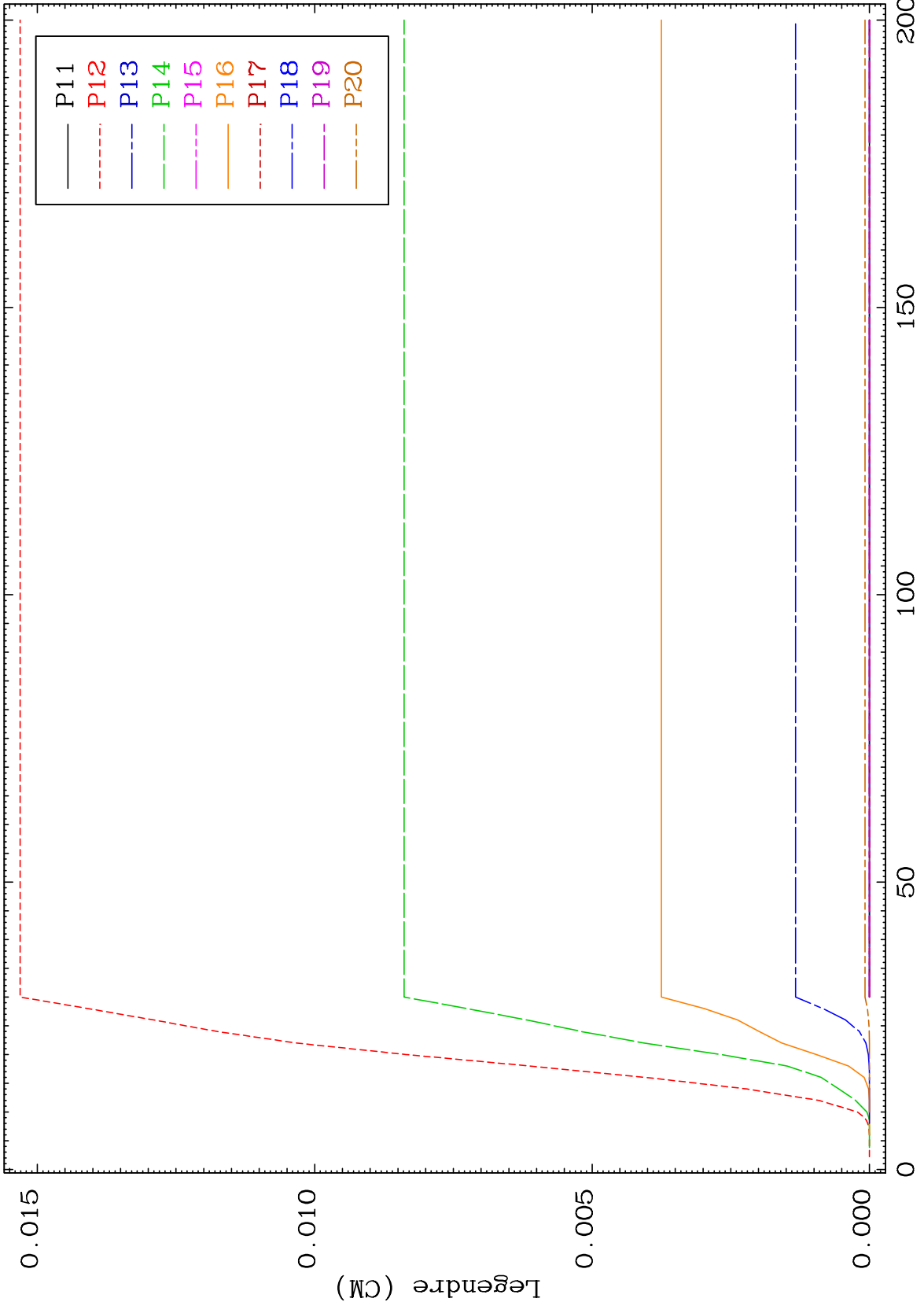
56-Ba-124

MAT 5607 MT= 54 (n,n') Level Legendre Coefficients 56-Ba-124



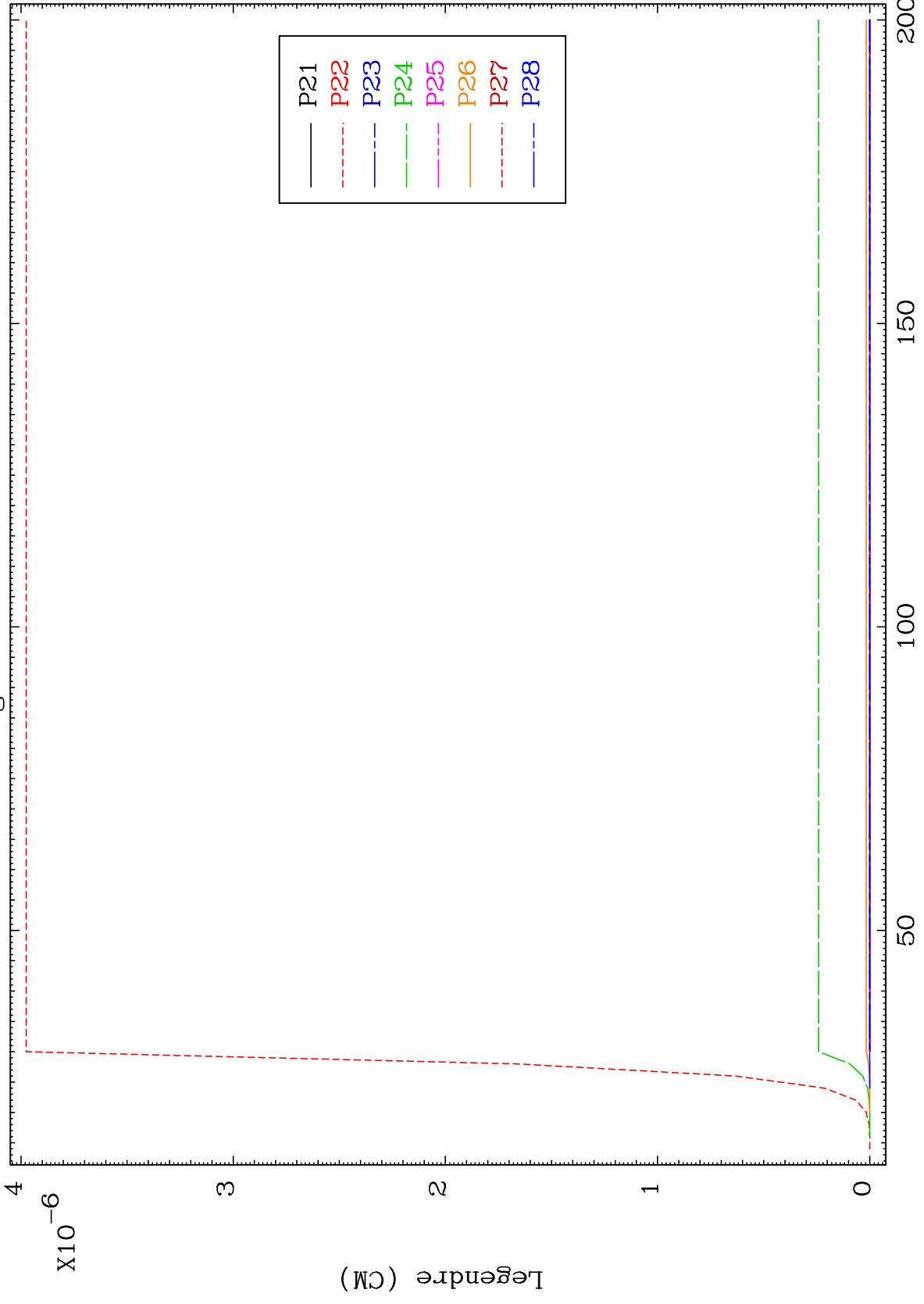
31 56-Ba-124

MAT 5607 MT= 54 (n,n') Level Legendre Coefficients 56-Ba-124



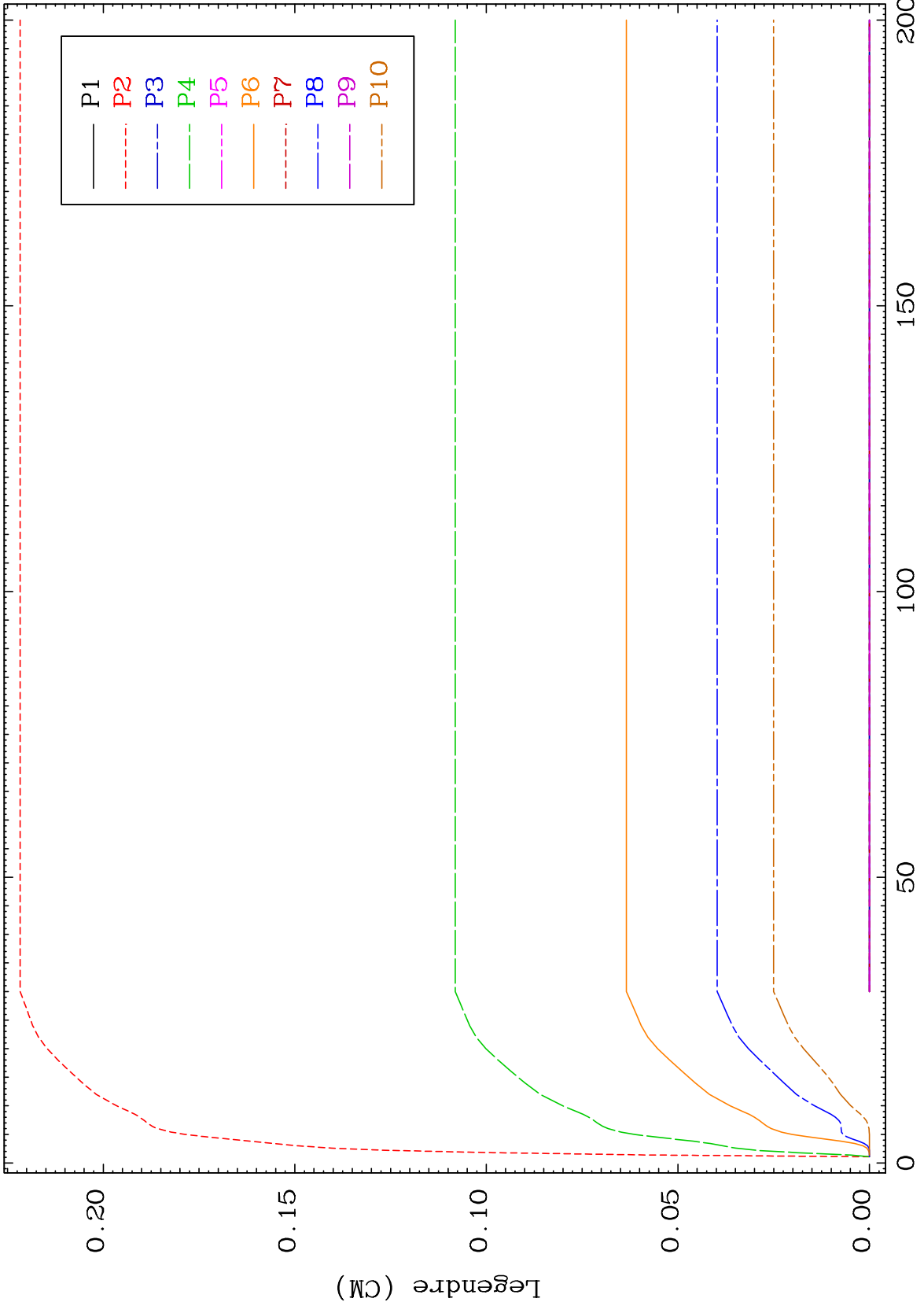
32 Incident Energy (MeV) 56-Ba-124

MAT 5607 MT= 54 (n,n') Level Legendre Coefficients 56-Ba-124



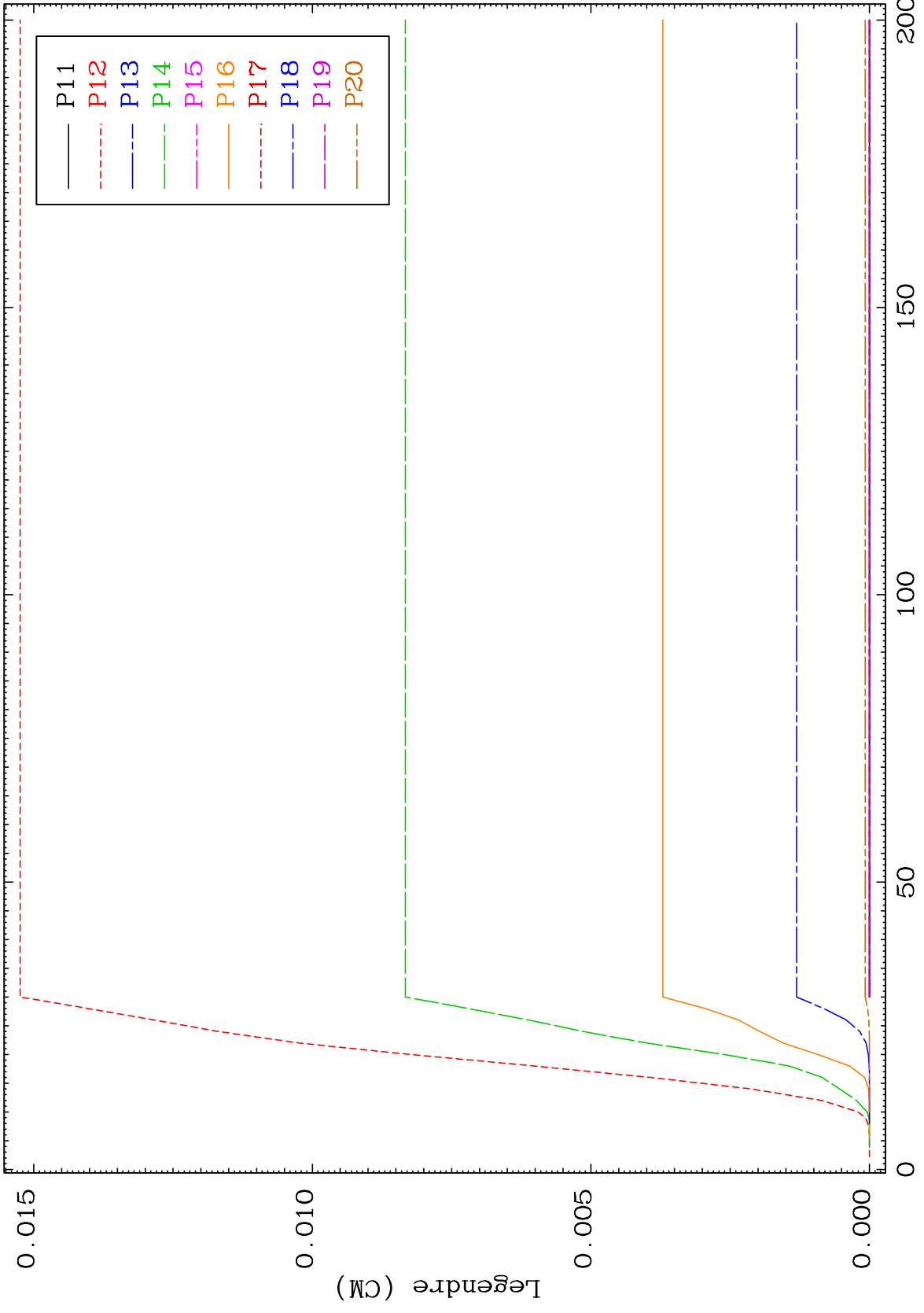
33 Incident Energy (MeV) 56-Ba-124

MAT 5607 MT= 55 (n,n') Level Legendre Coefficients 56-Ba-124



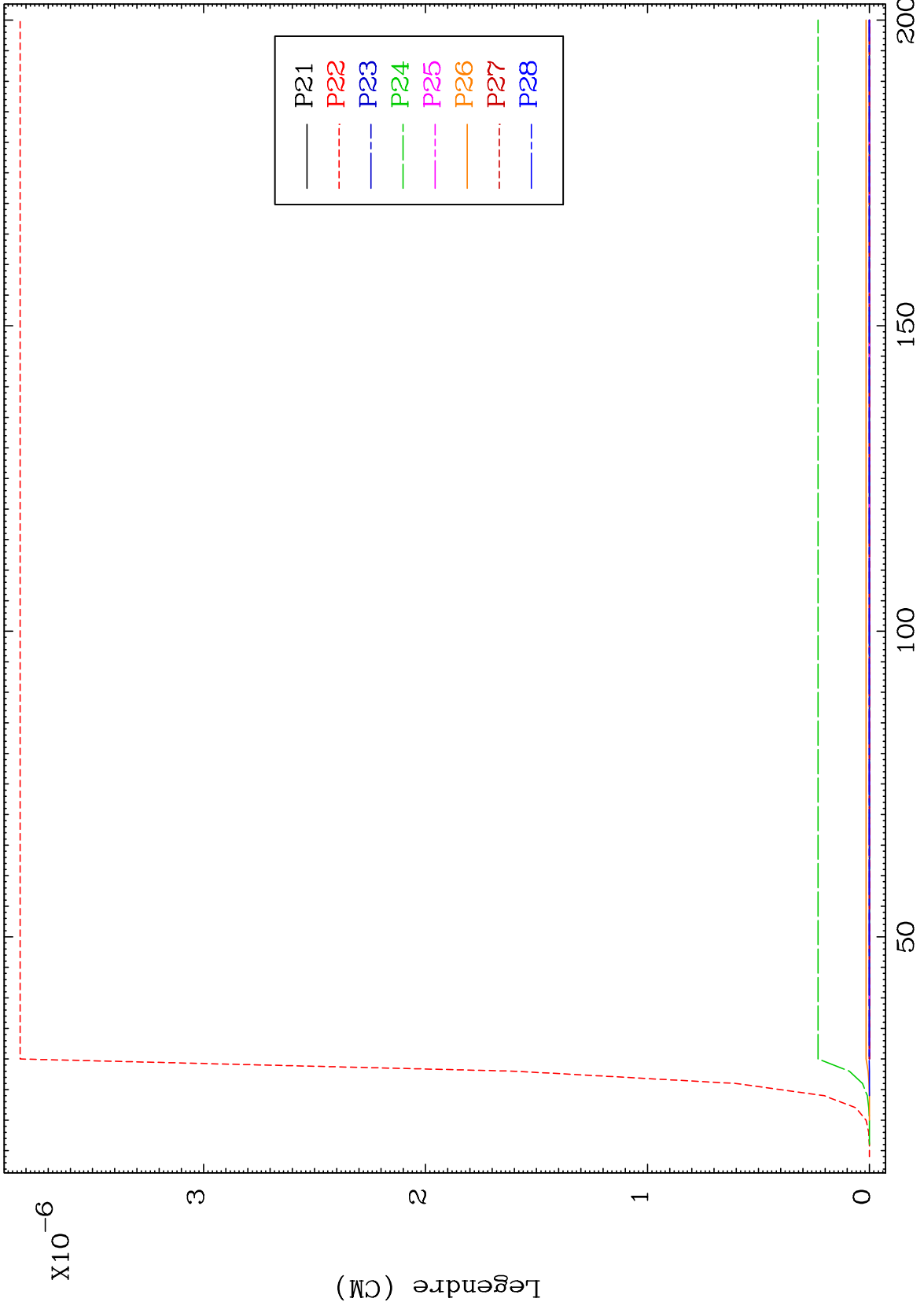
34 56-Ba-124

MAT 5607 MT= 55 (n,n') Level Legendre Coefficients 56-Ba-124



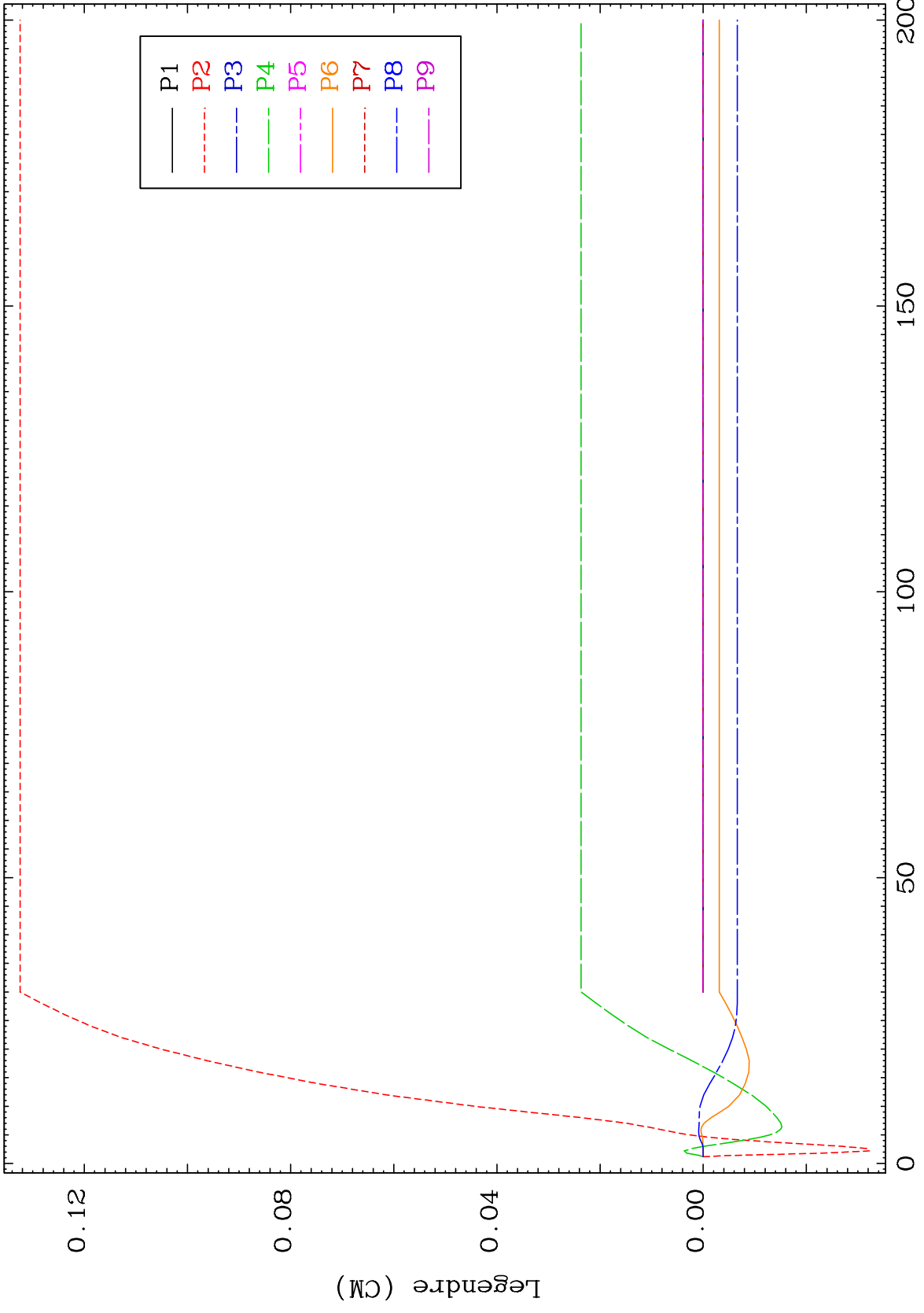
35 Incident Energy (MeV) 56-Ba-124

MAT 5607 MT= 55 (n,n') Level Legendre Coefficients 56-Ba-124



36 Incident Energy (MeV) 56-Ba-124

MAT 5607 MT= 56 (n,n') Level Legendre Coefficients 56-Ba-124

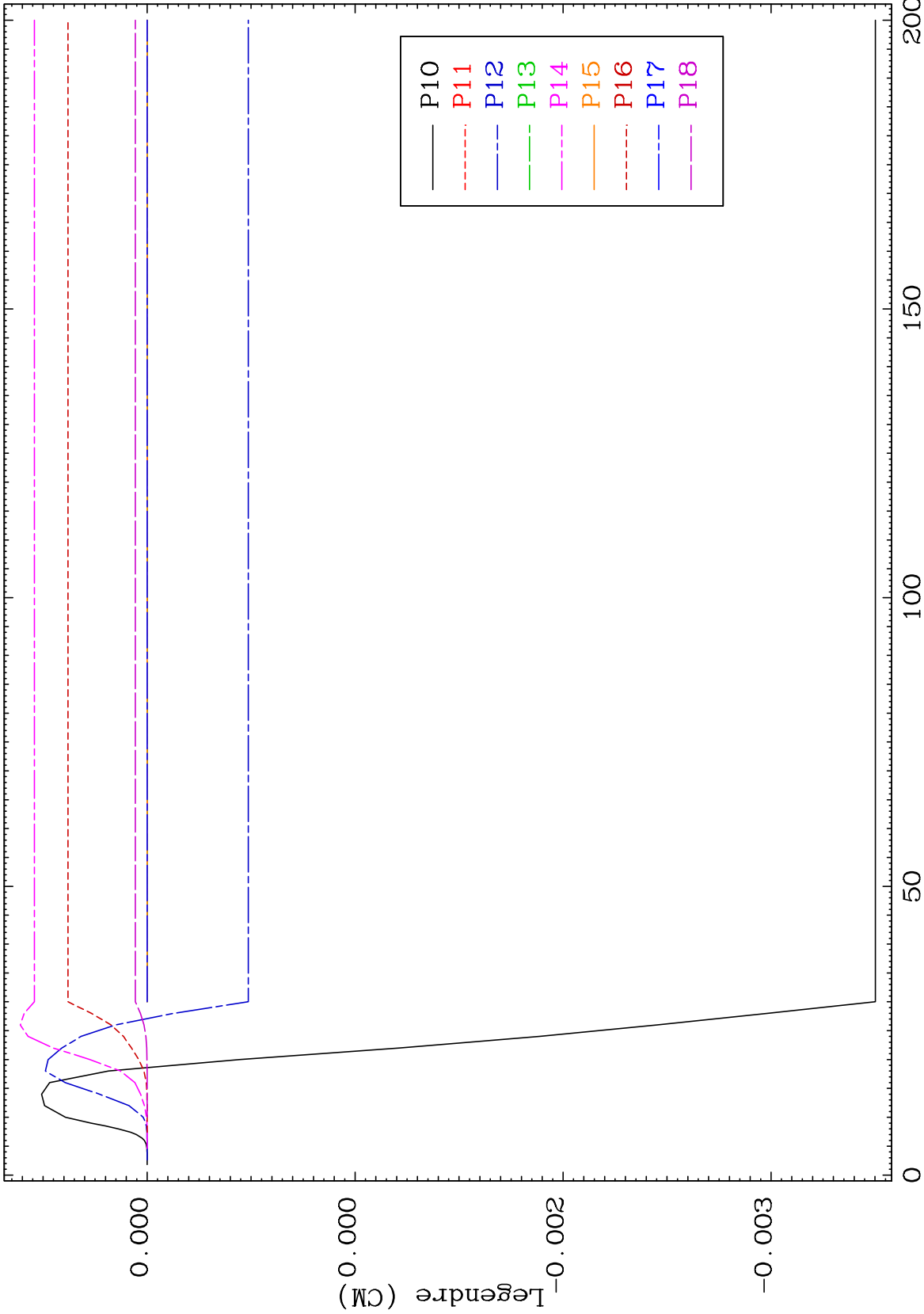


37 Incident Energy (MeV) 56-Ba-124

MAT 5607

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

56-Ba-124



38

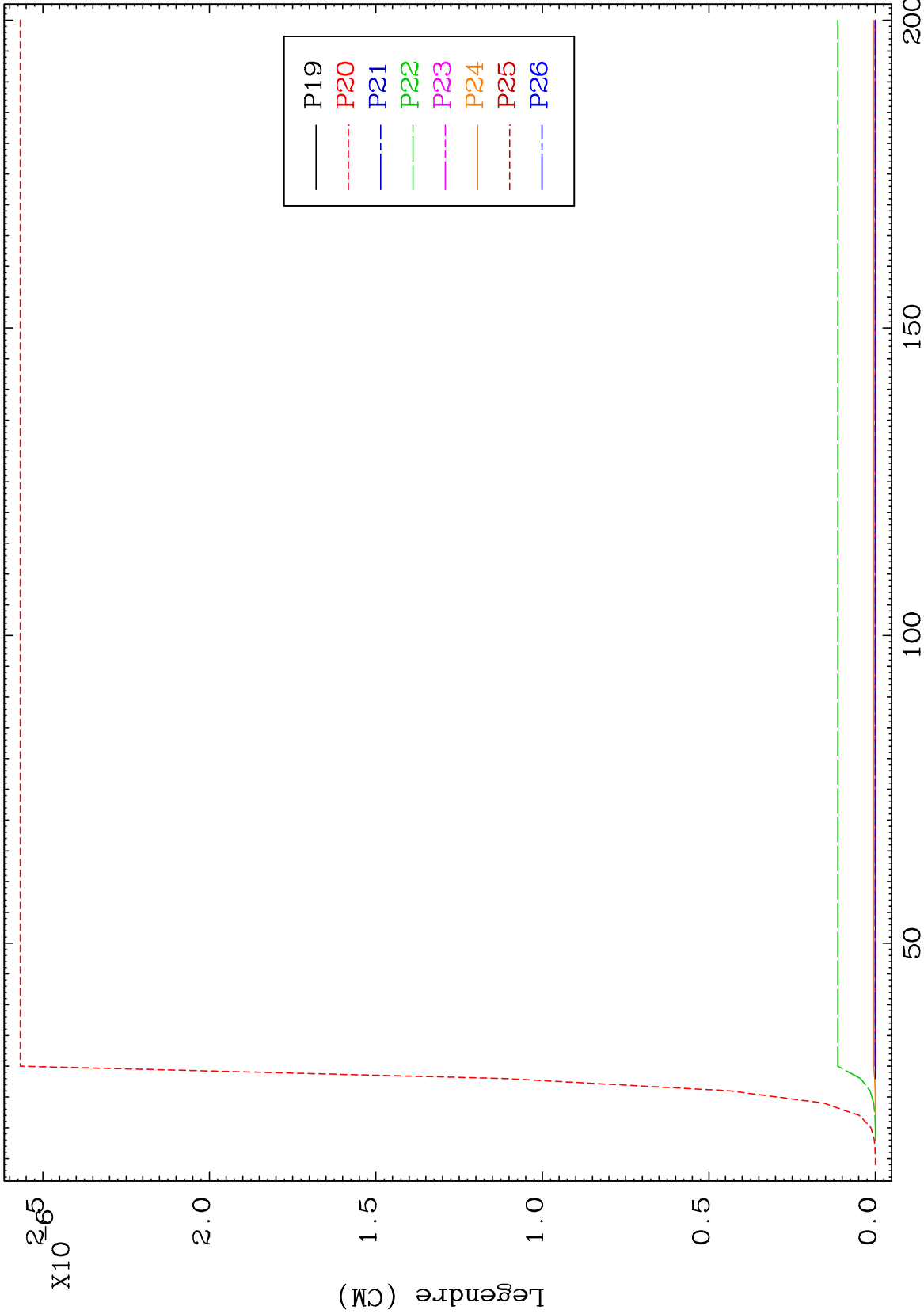
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



39

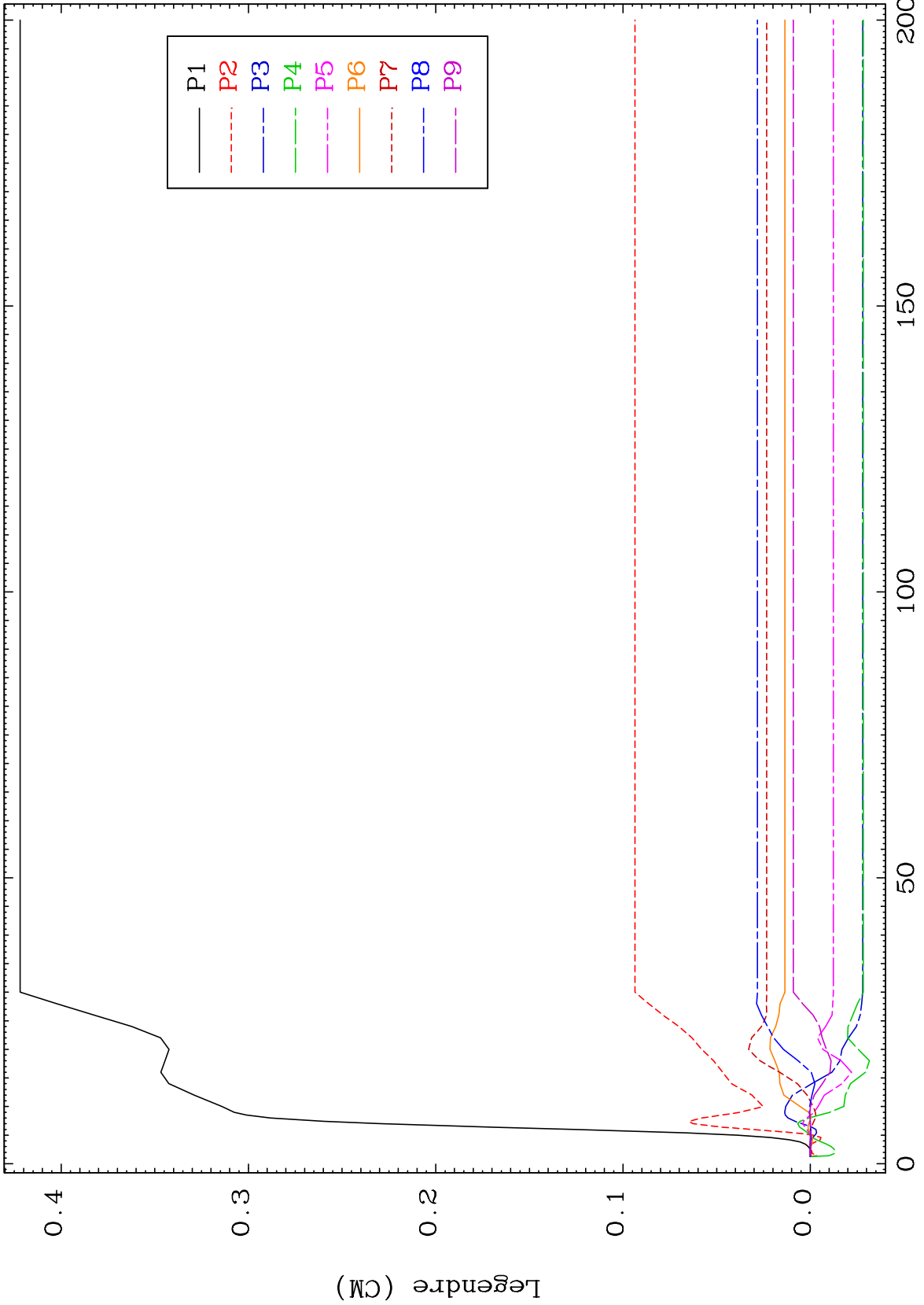
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



40

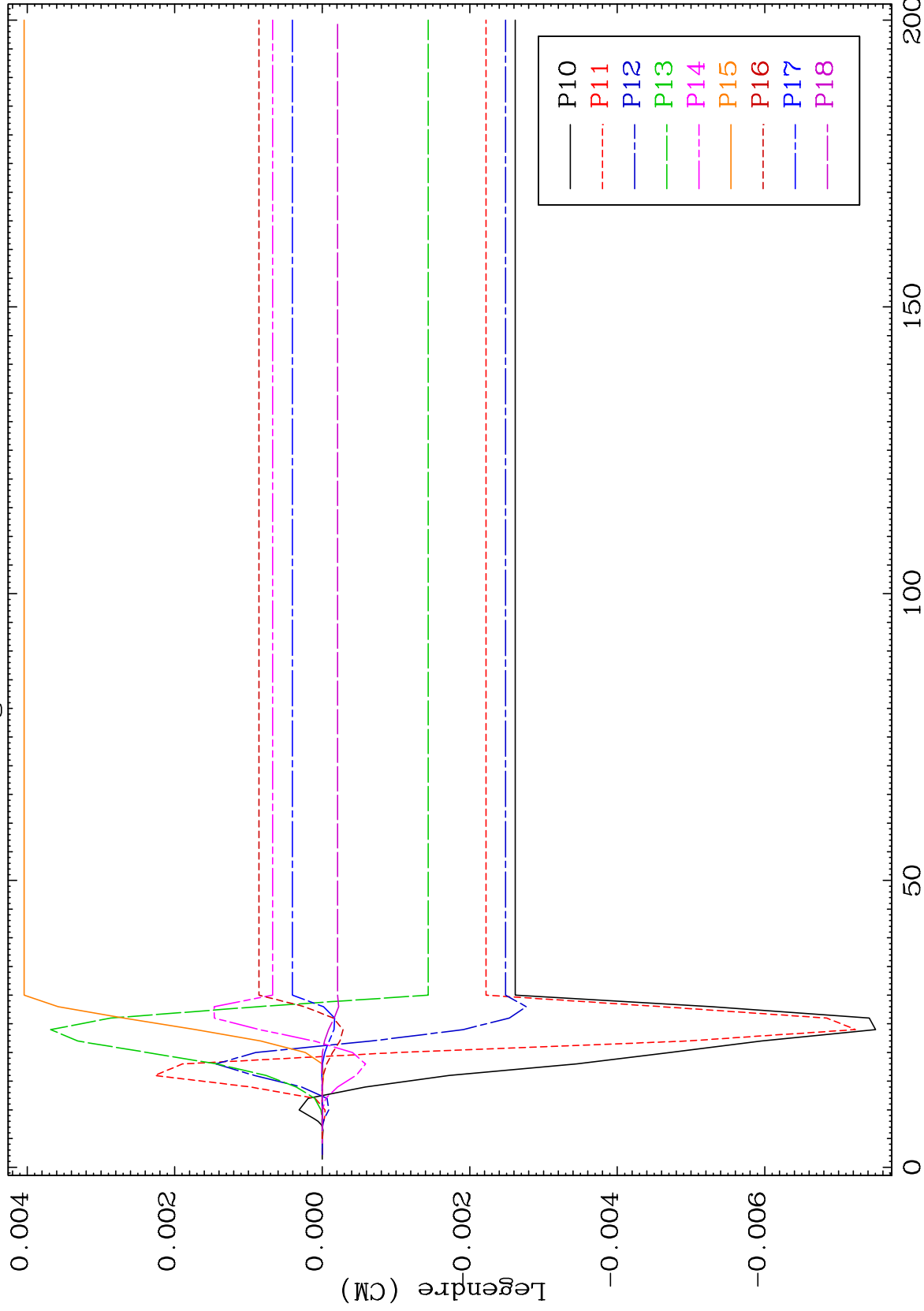
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124

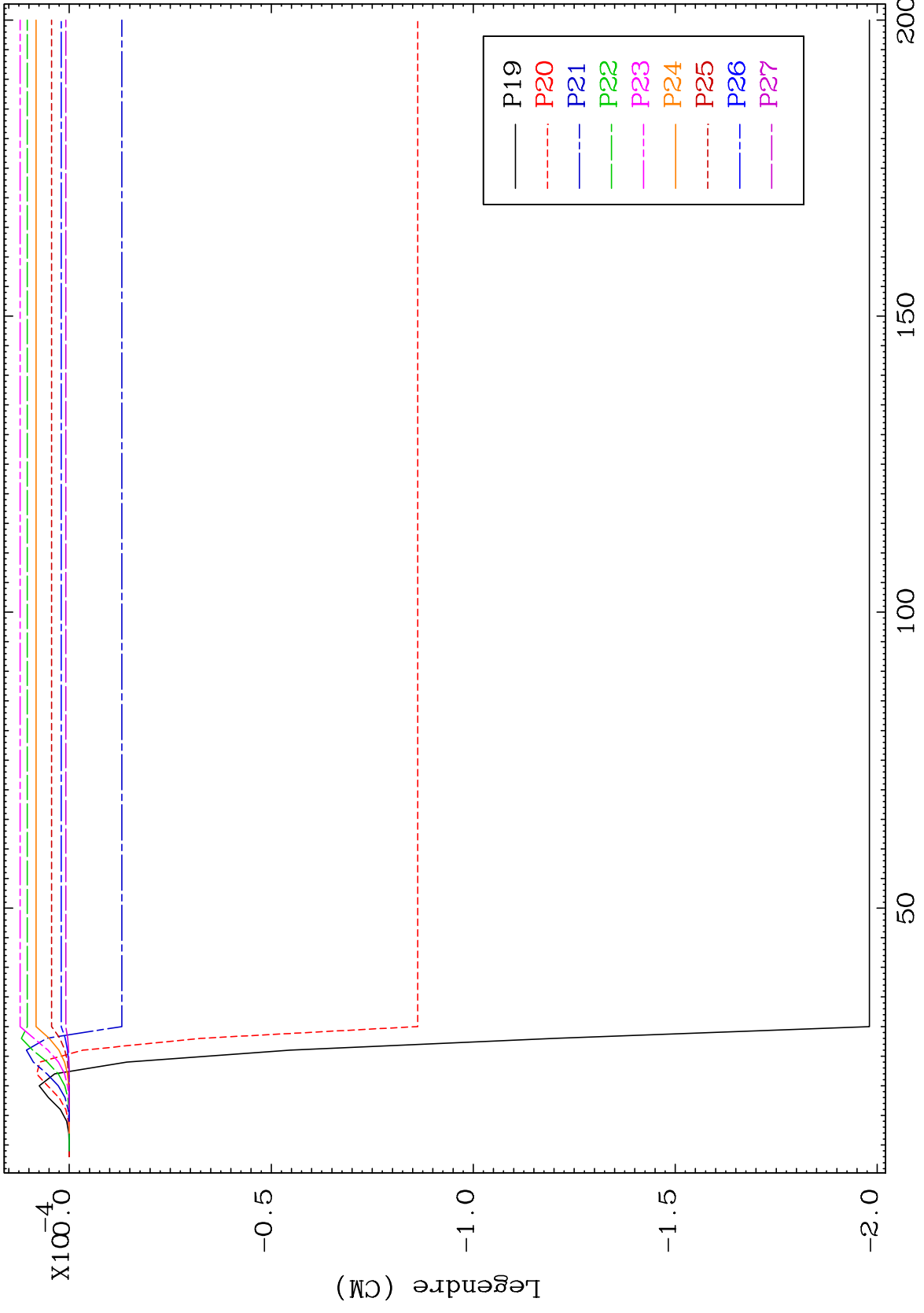


41

Incident Energy (MeV)

56-Ba-124

MAT 5607 MT= 57 (n,n') Level Legendre Coefficients 56-Ba-124

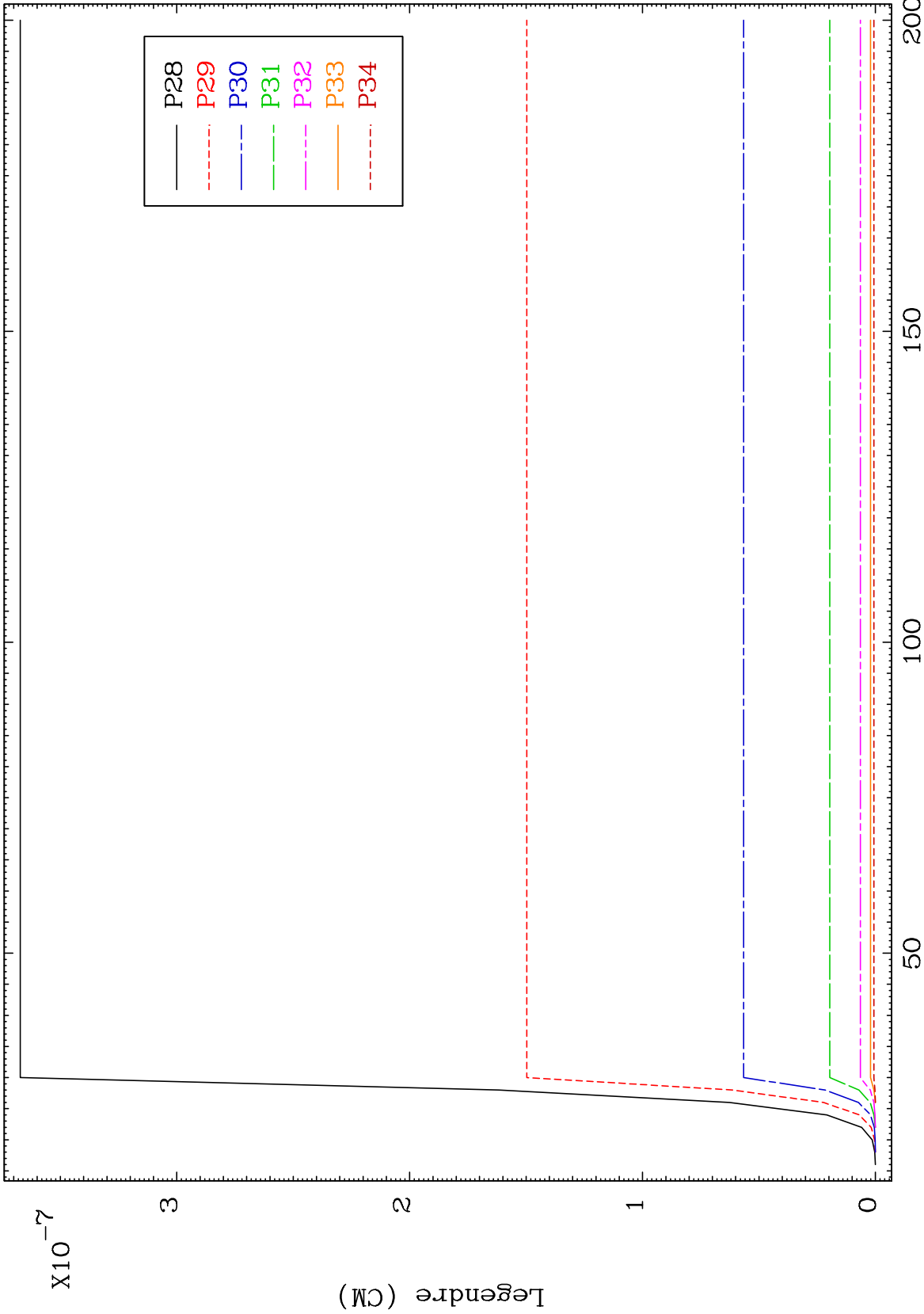


42 56-Ba-124

MAT 5607

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

56-Ba-124



43

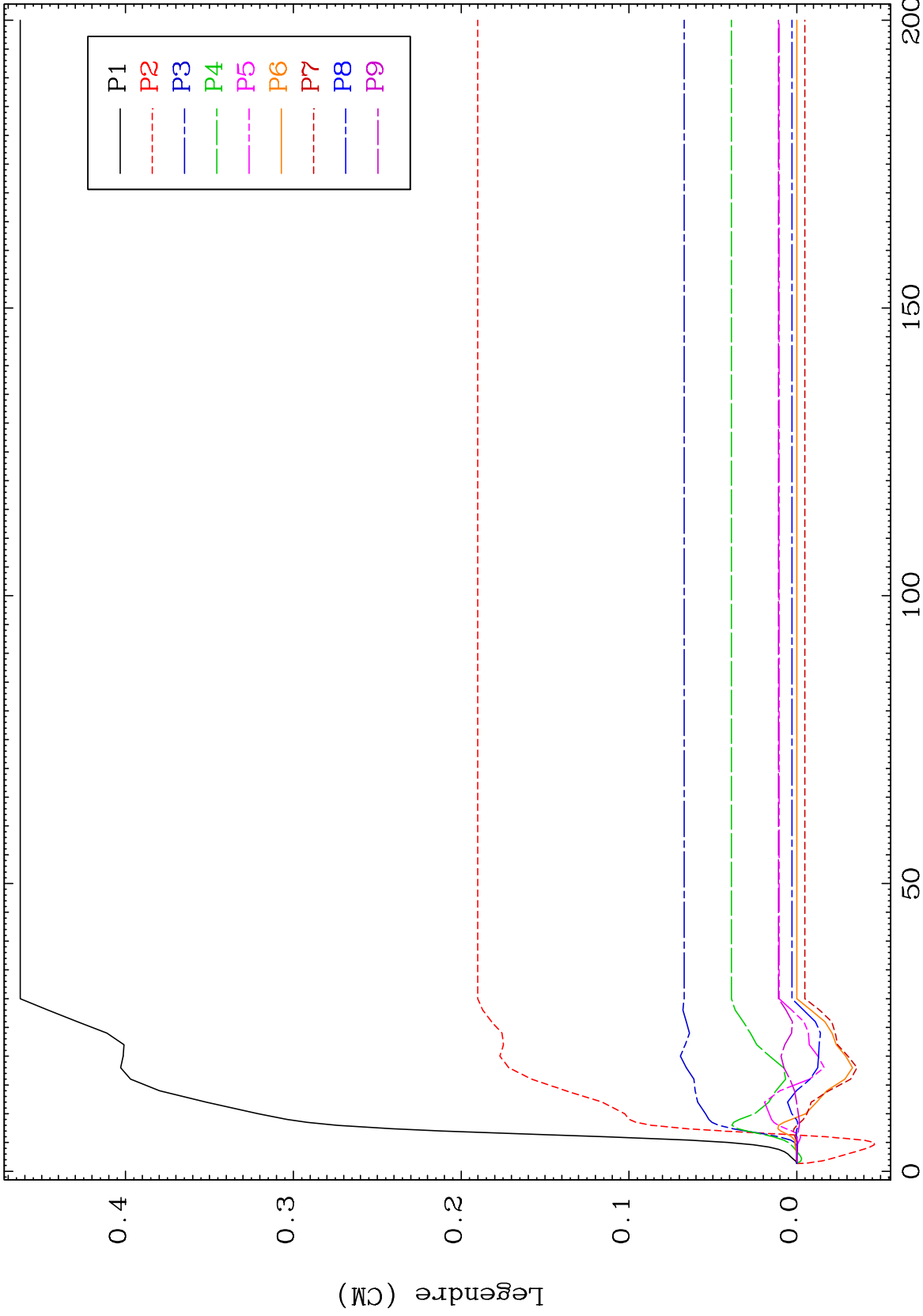
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



44

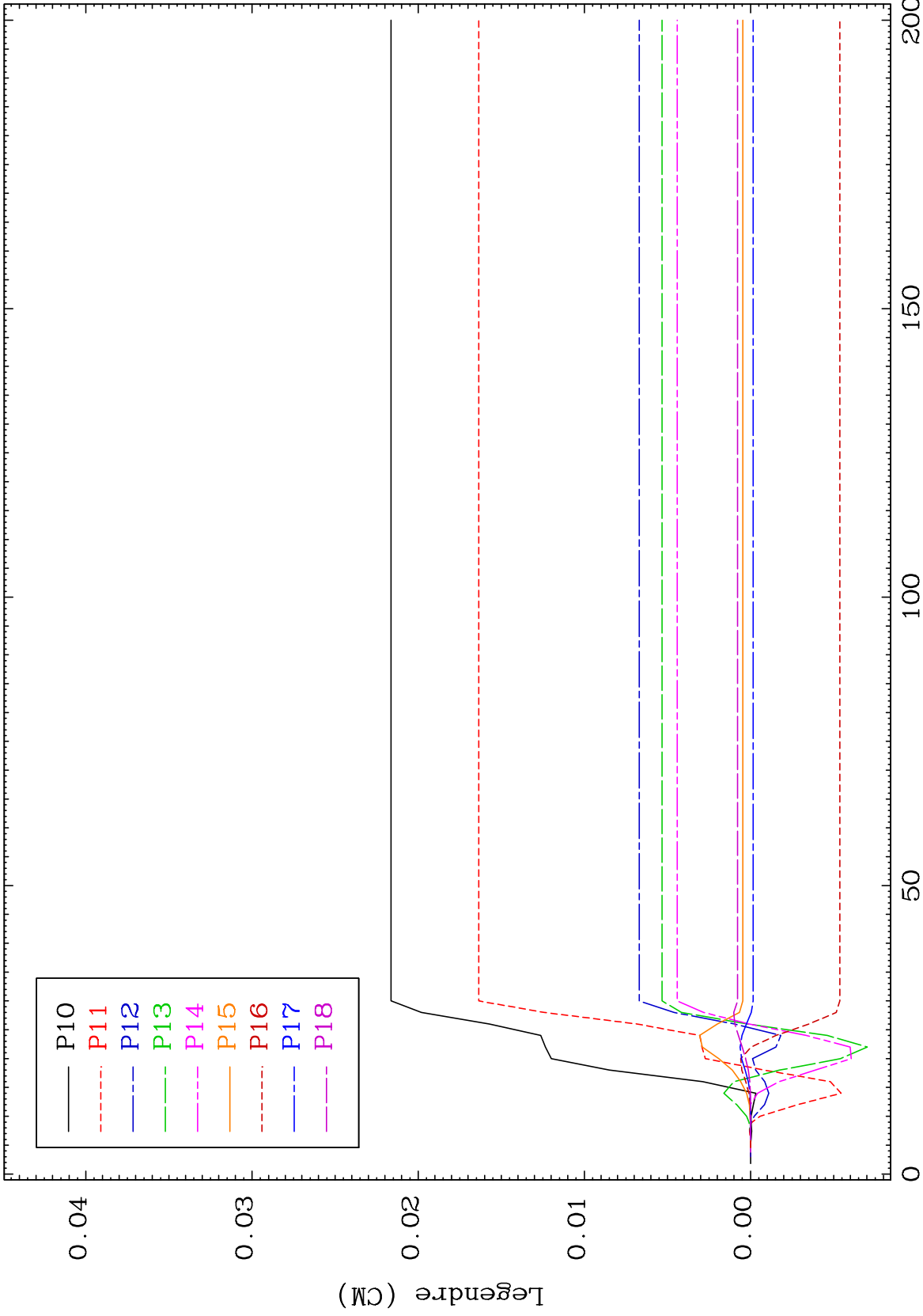
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



45

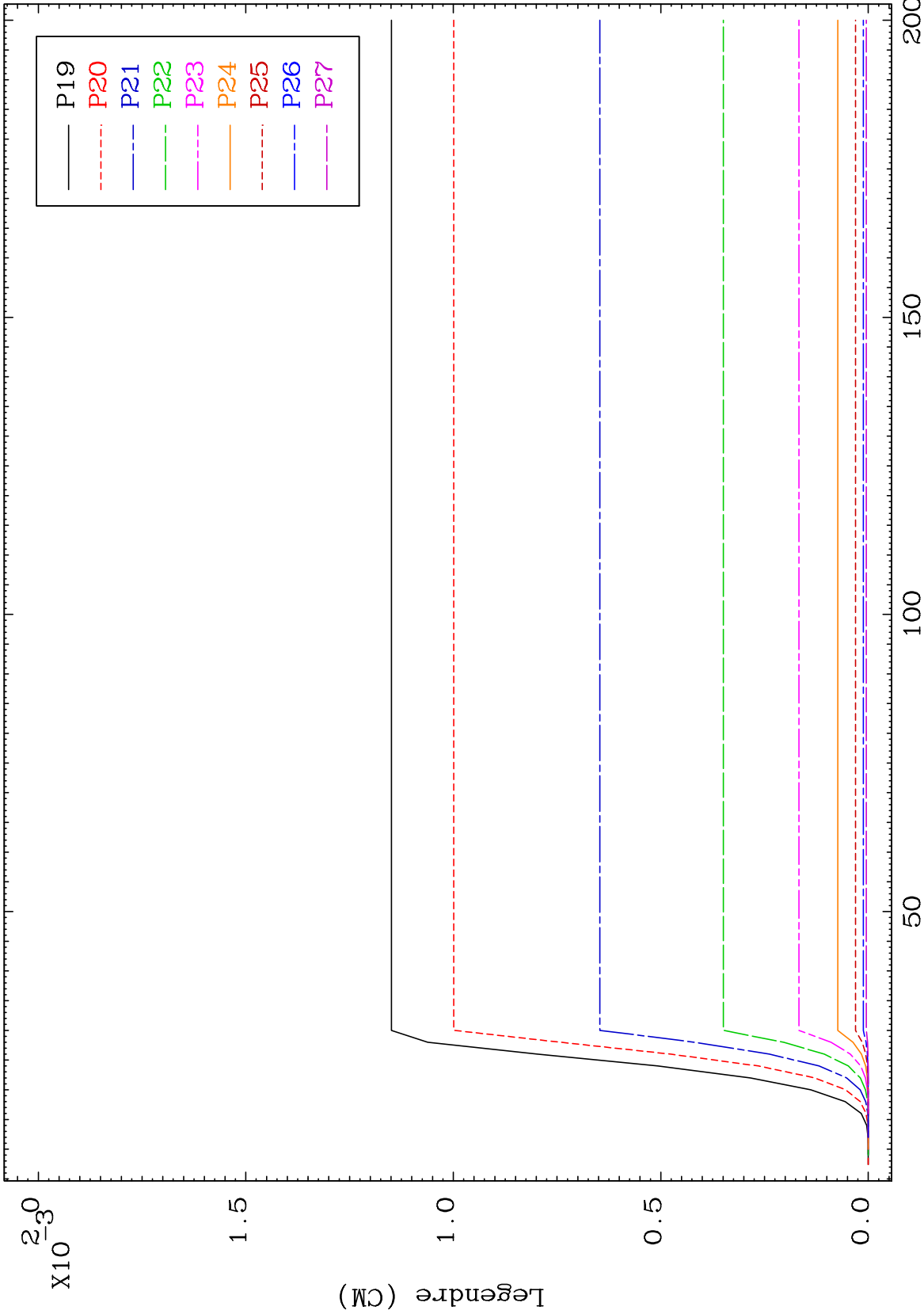
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



46

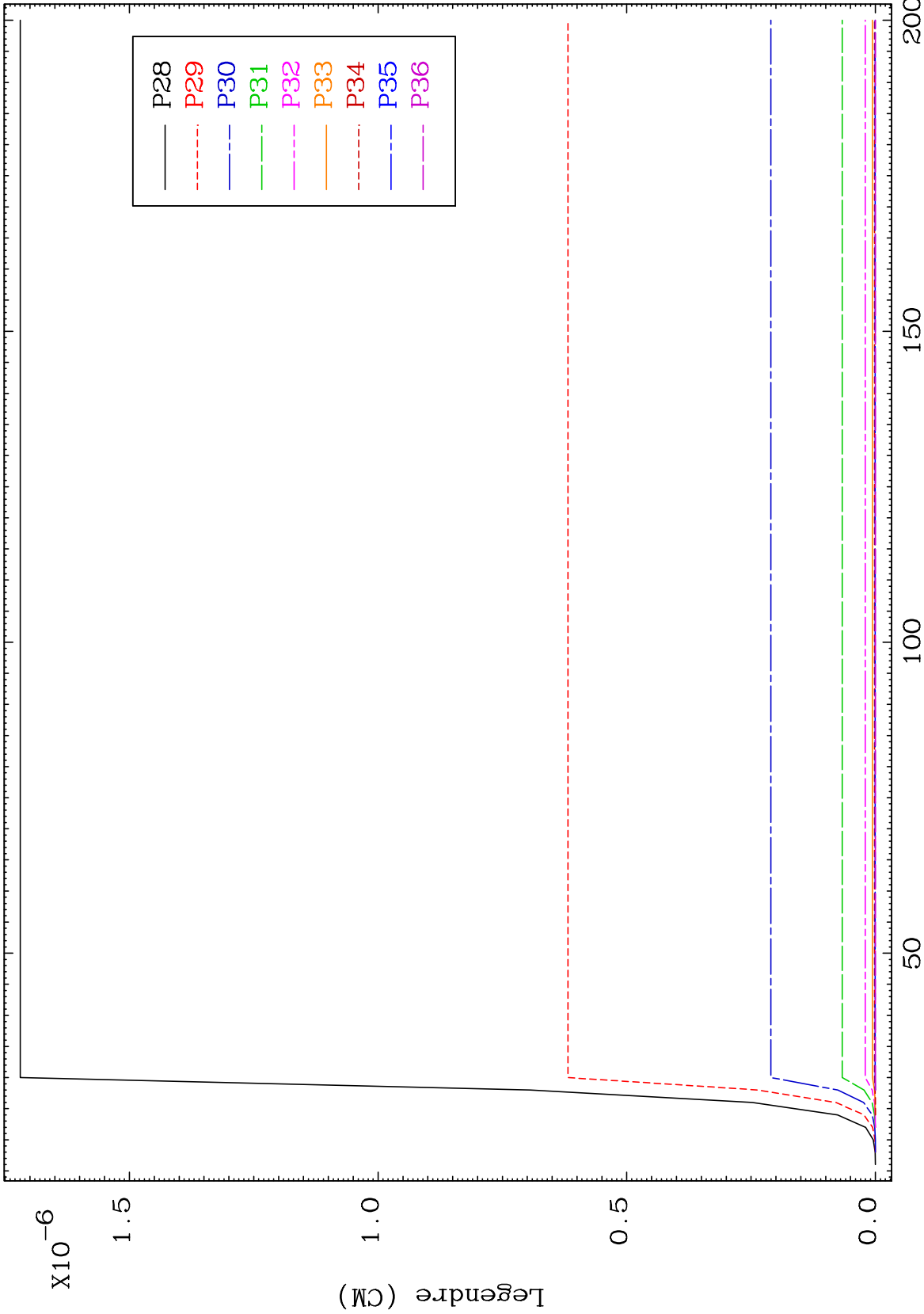
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



47

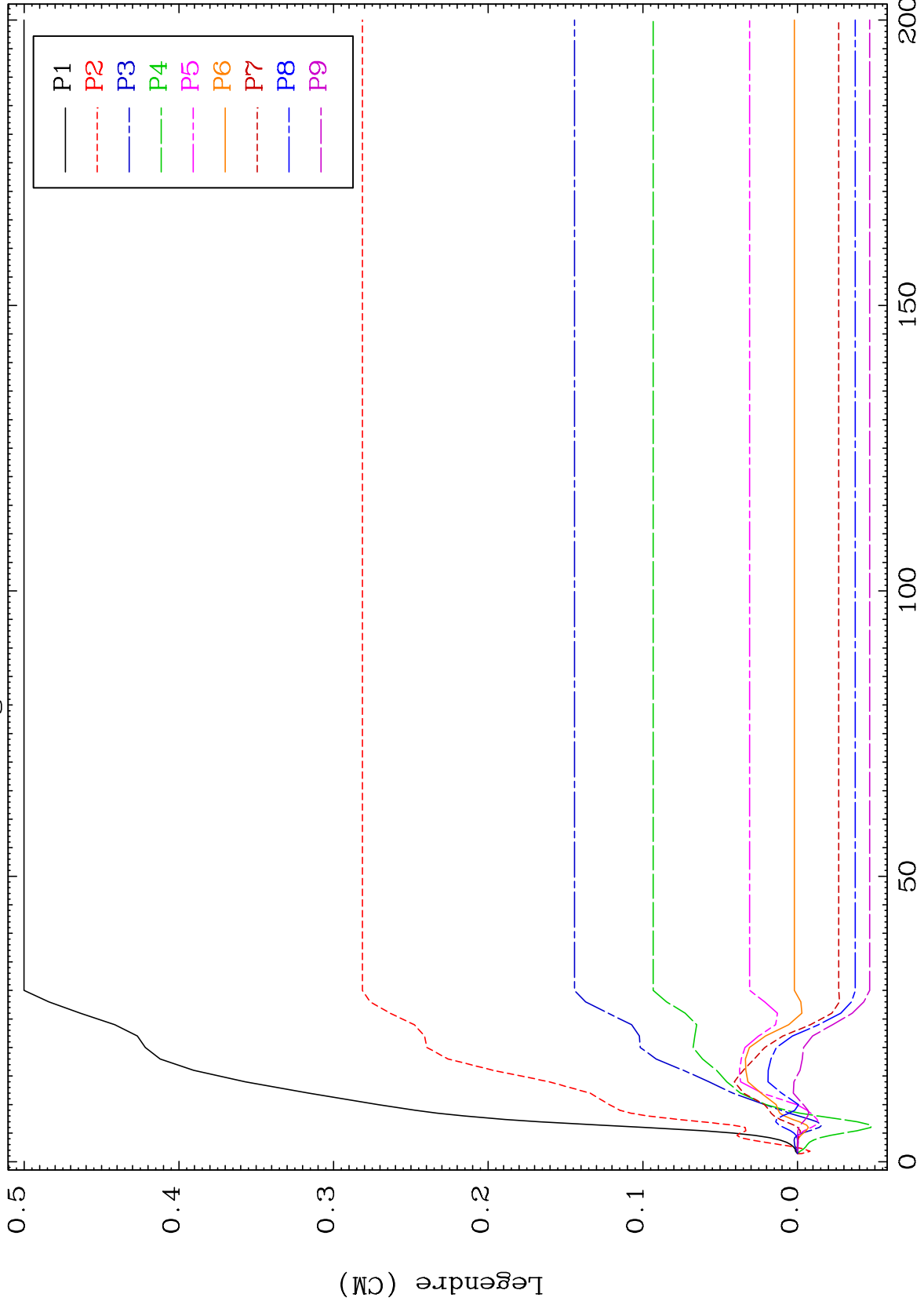
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



48

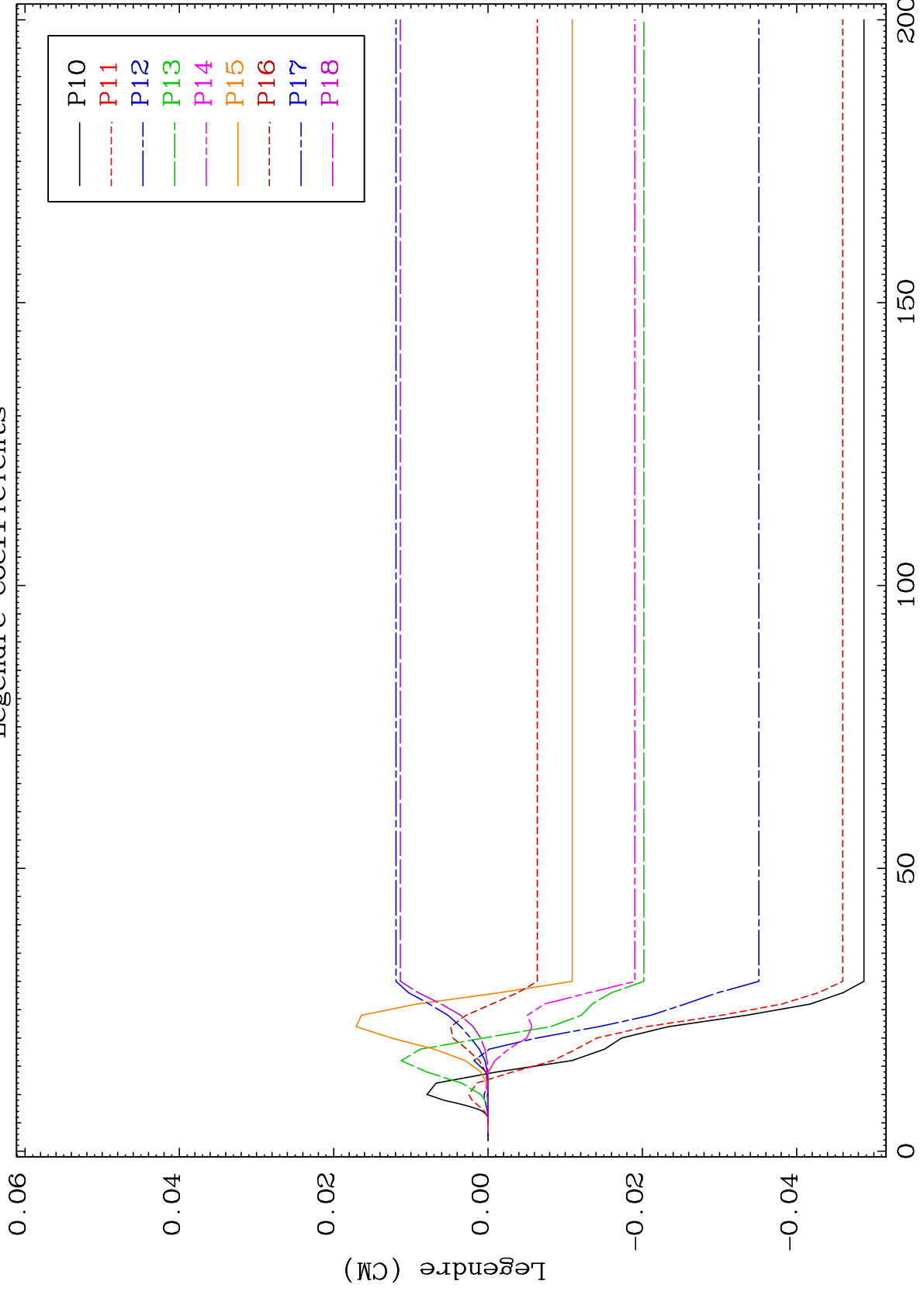
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



49

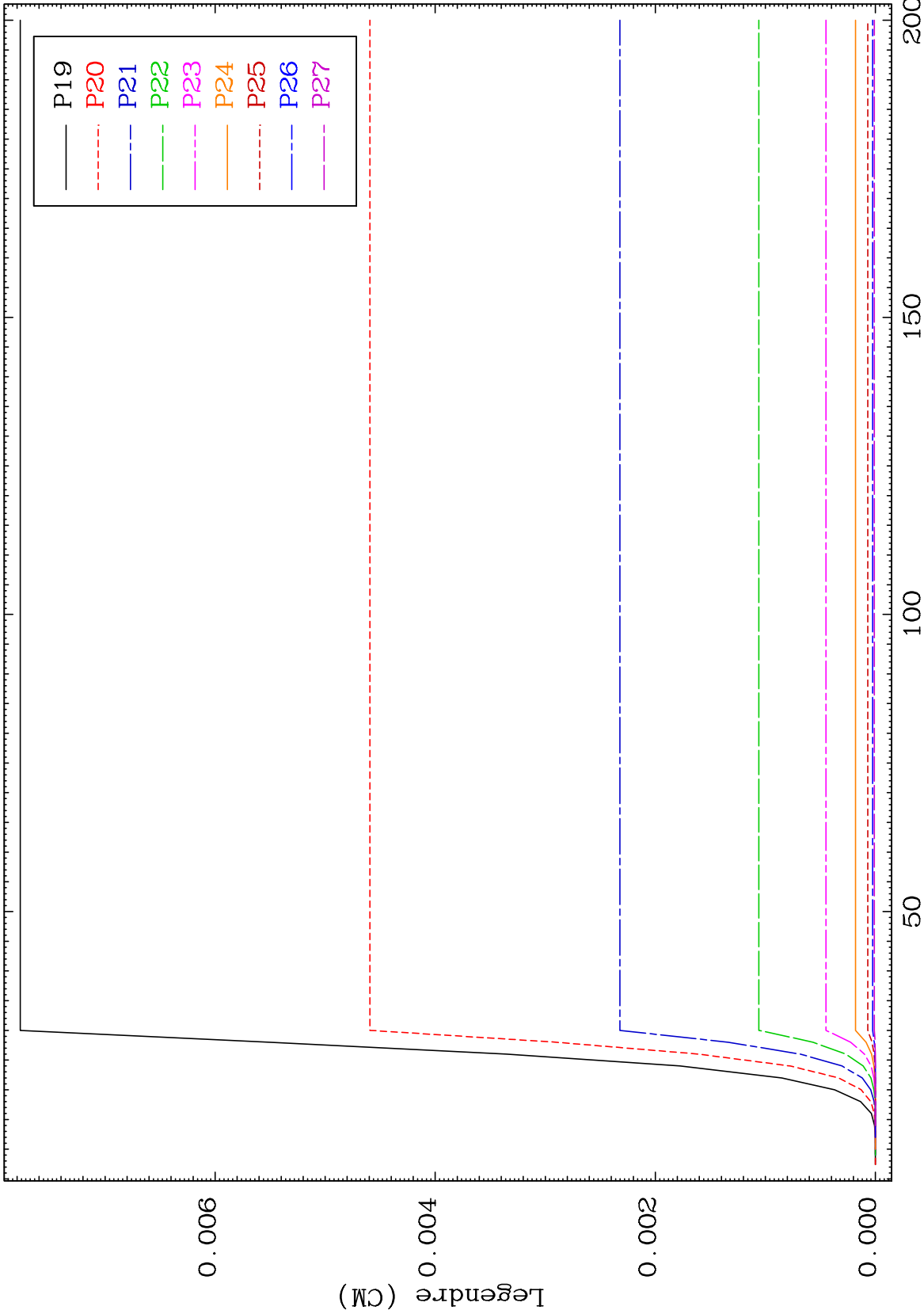
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



50

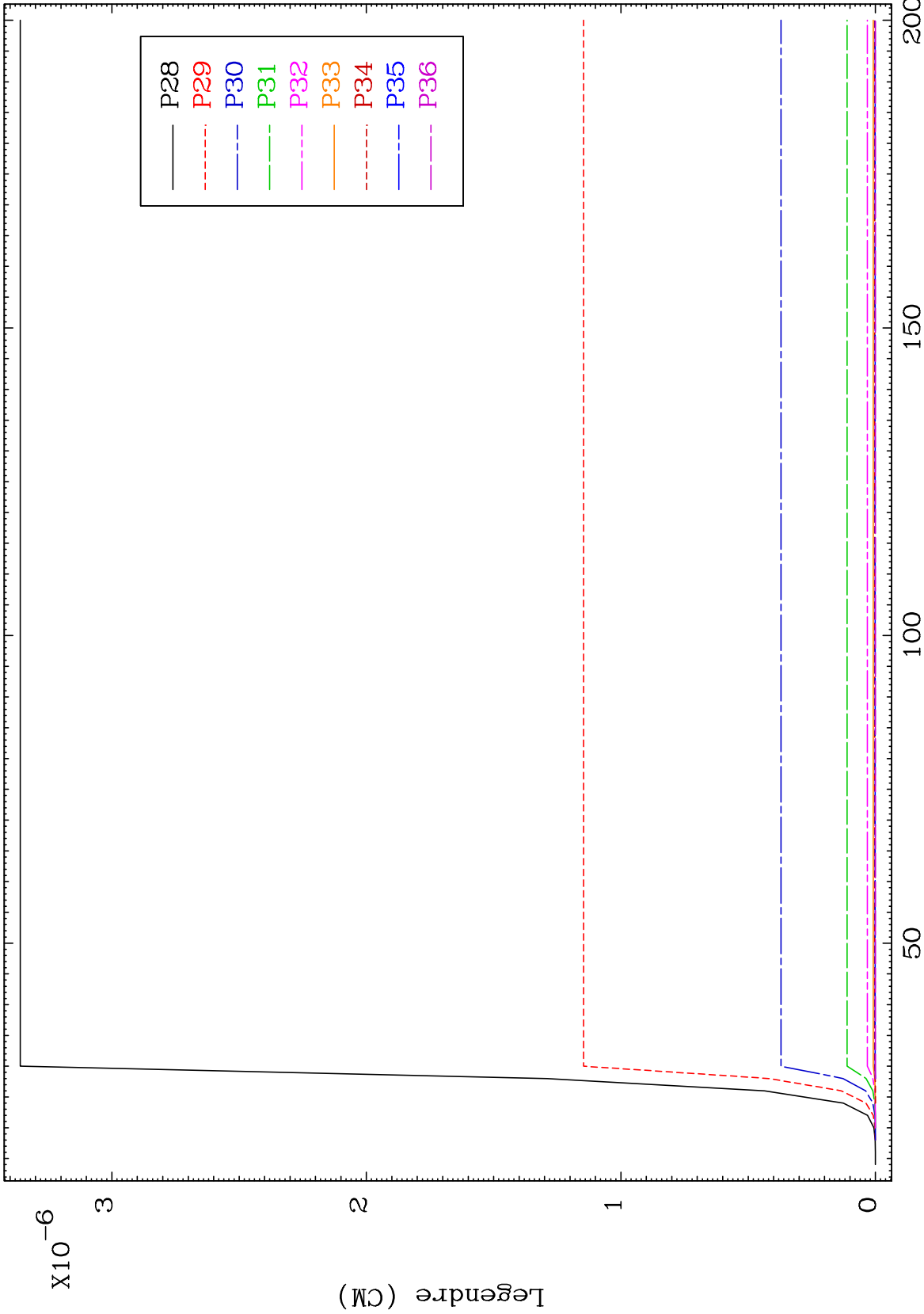
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



51

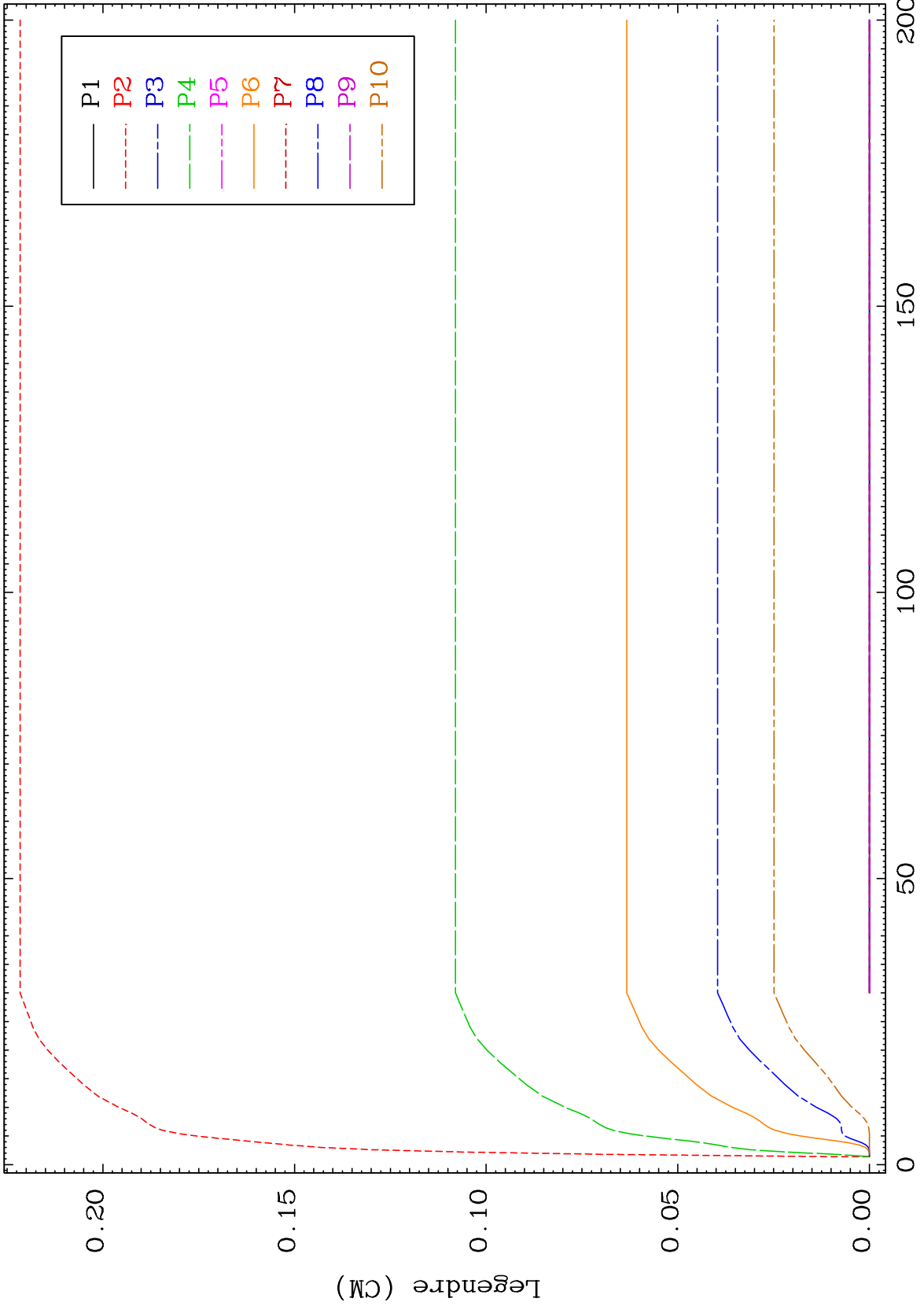
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124

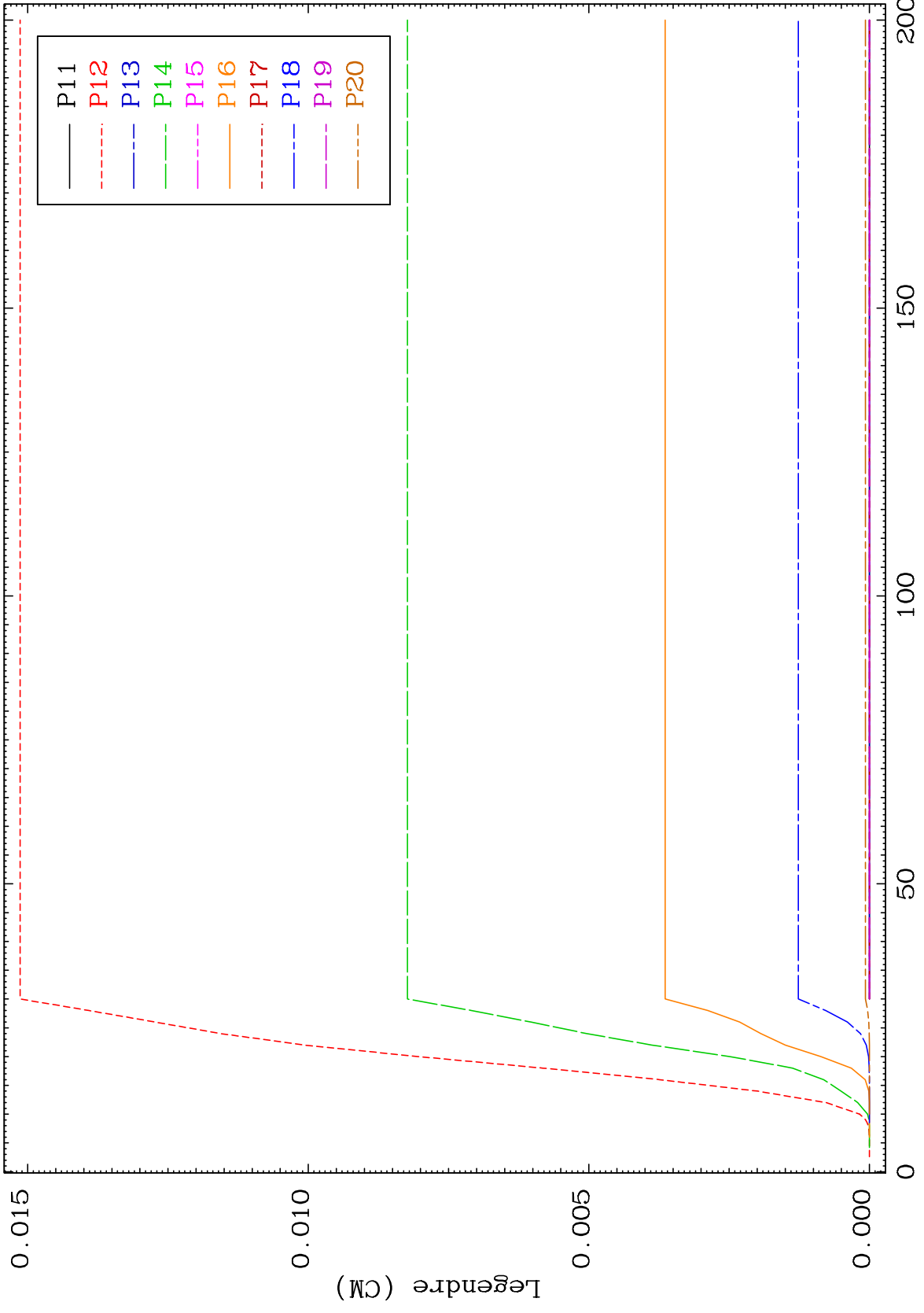


52

Incident Energy (MeV)

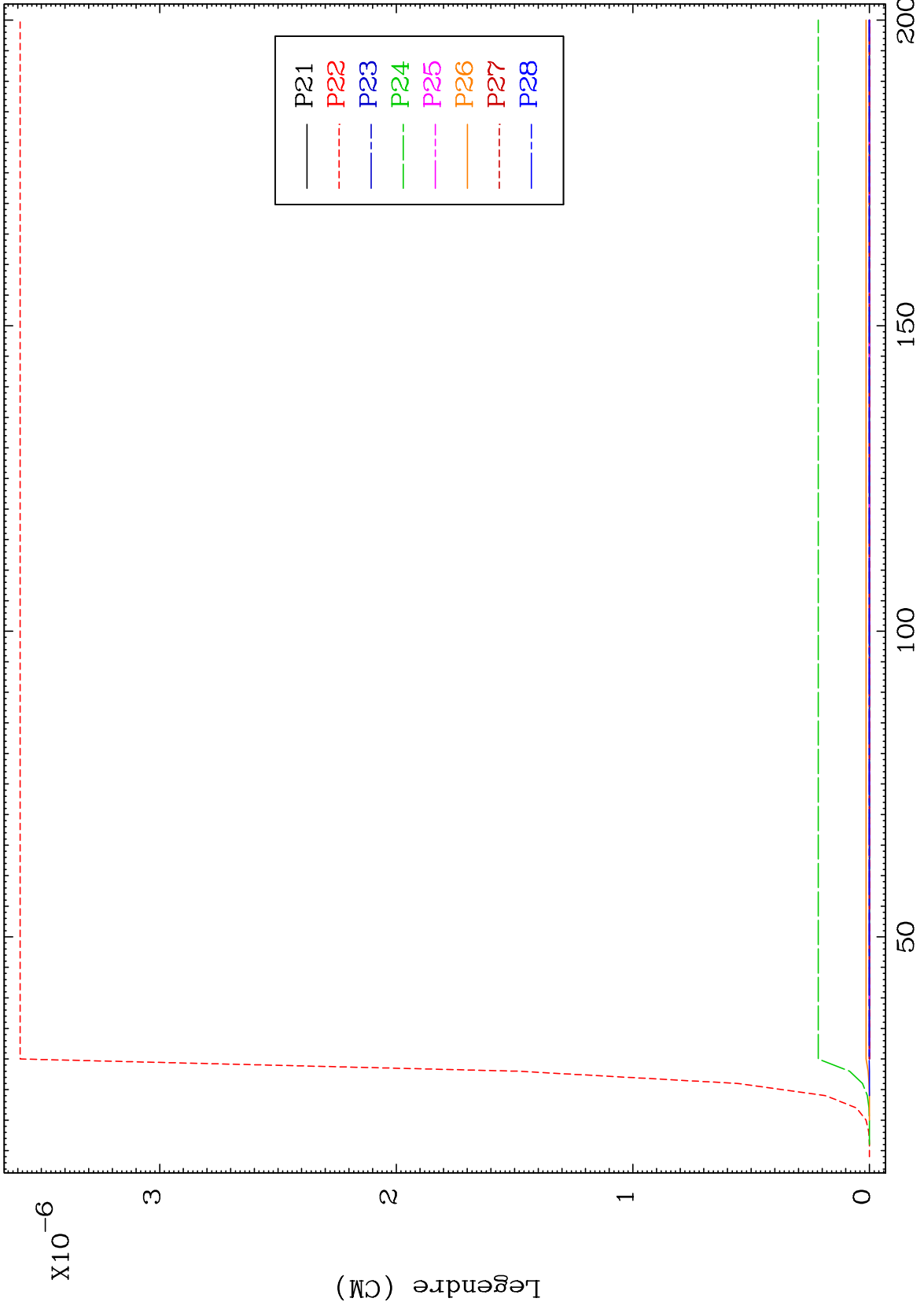
56-Ba-124

MAT 5607 MT= 60 (n,n') Level Legendre Coefficients 56-Ba-124



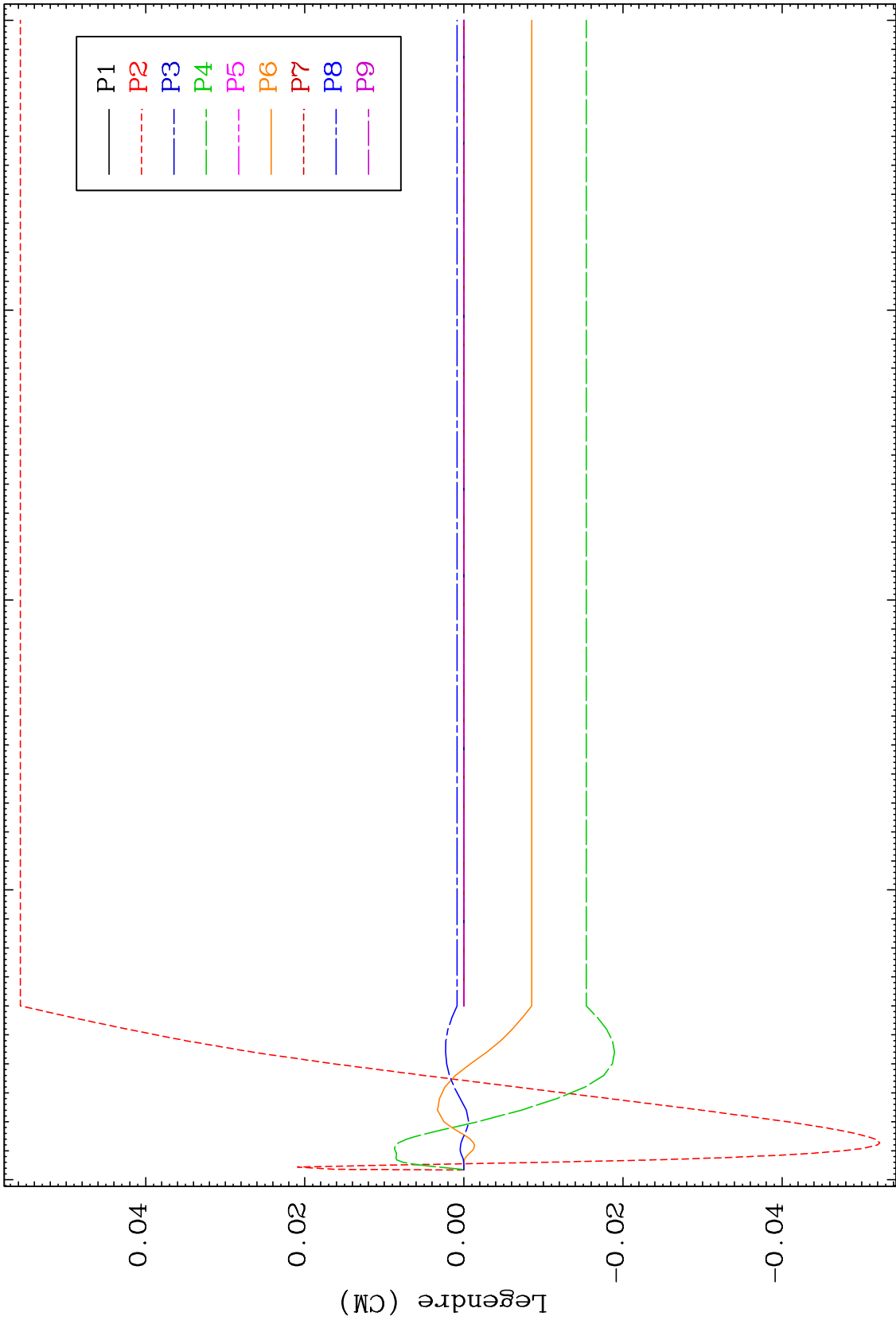
53 56-Ba-124

MAT 5607 MT= 60 (n,n') Level Legendre Coefficients 56-Ba-124



54 56-Ba-124

MAT 5607 MT= 61 (n,n') Level Legendre Coefficients 56-Ba-124

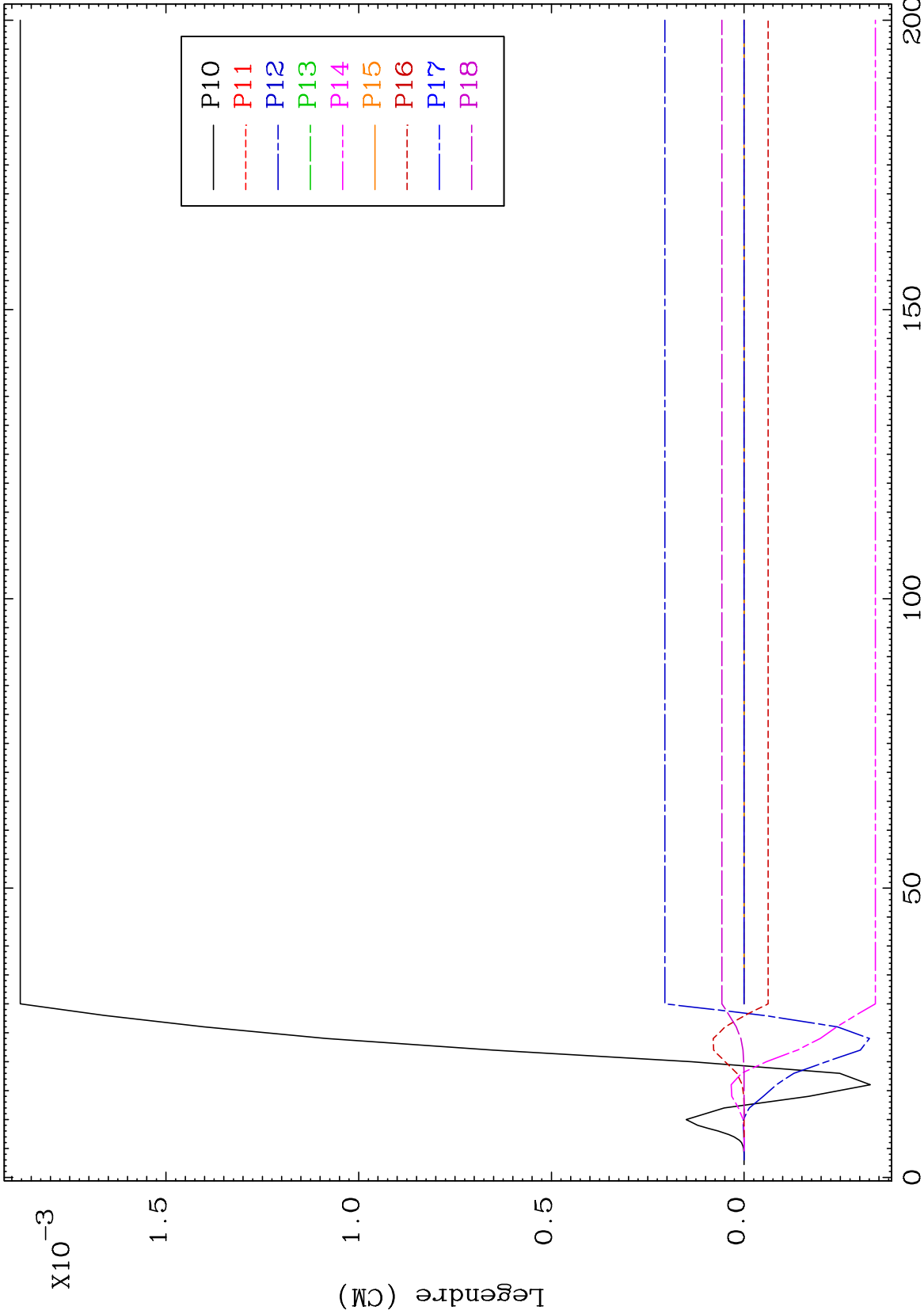


55 Incident Energy (MeV) 56-Ba-124

MAT 5607

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

56-Ba-124

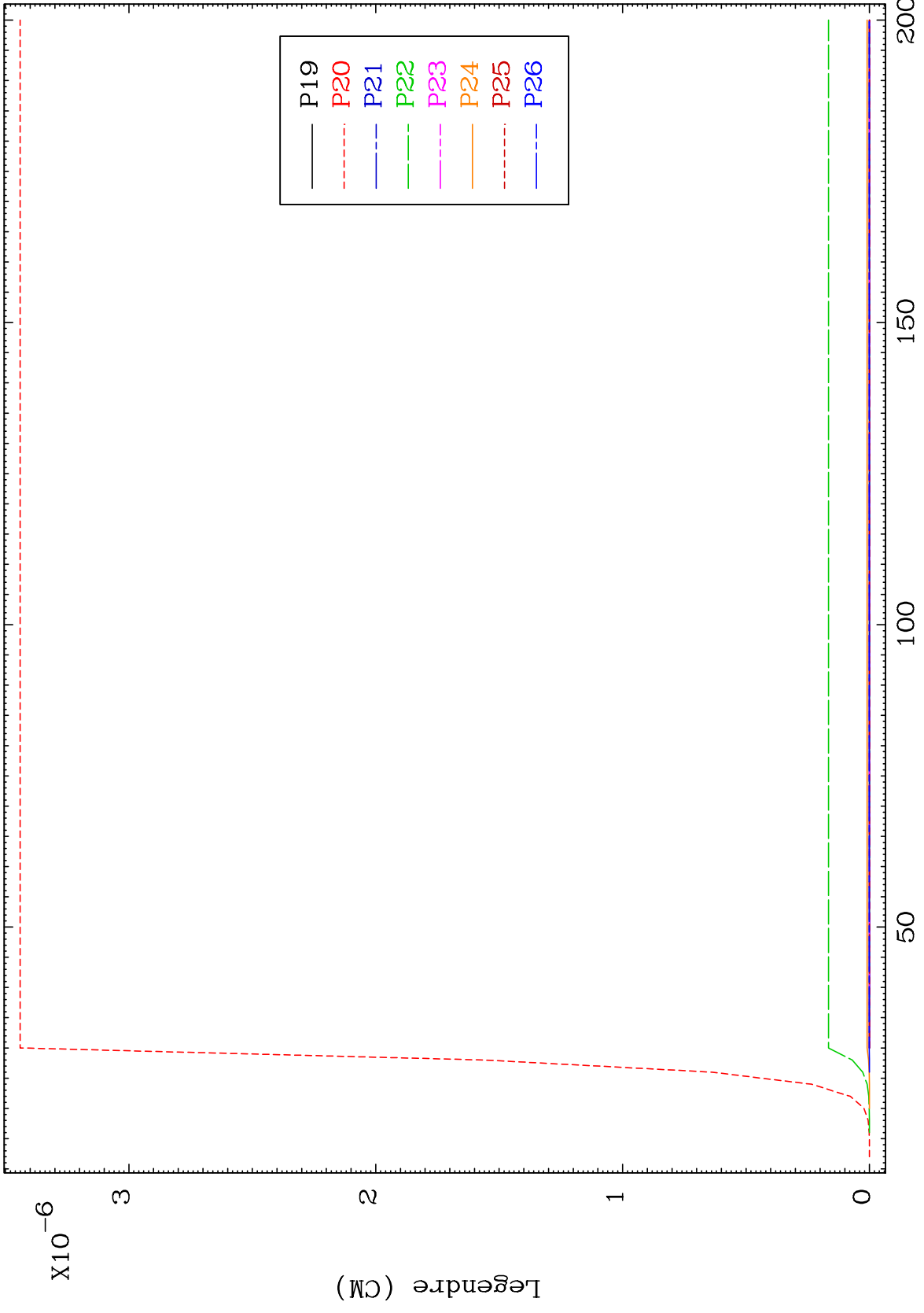


56

Incident Energy (MeV)

56-Ba-124

MAT 5607 MT= 61 (n,n') Level Legendre Coefficients 56-Ba-124

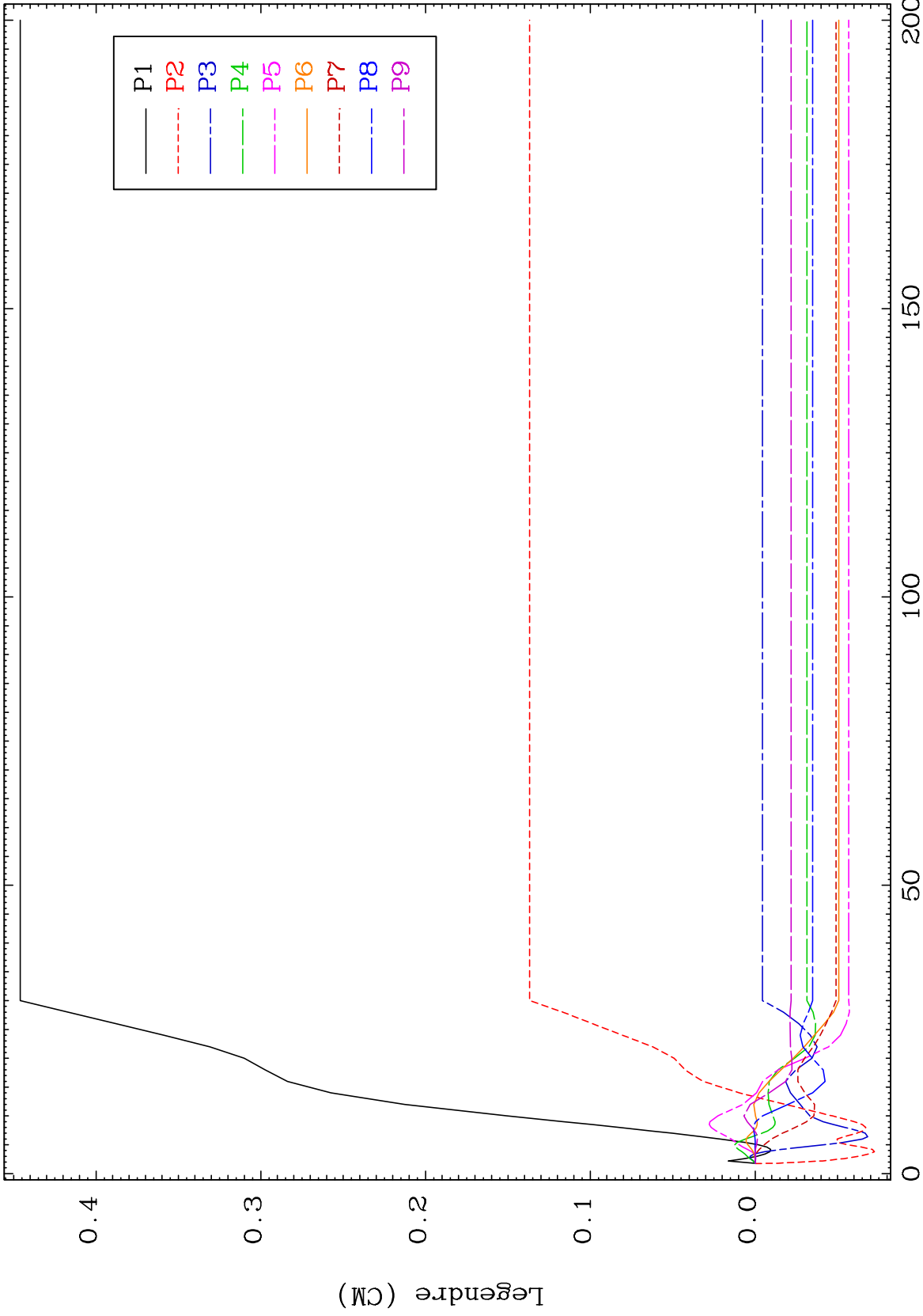


57 Incident Energy (MeV) 56-Ba-124

MAT 5607

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

56-Ba-124



58

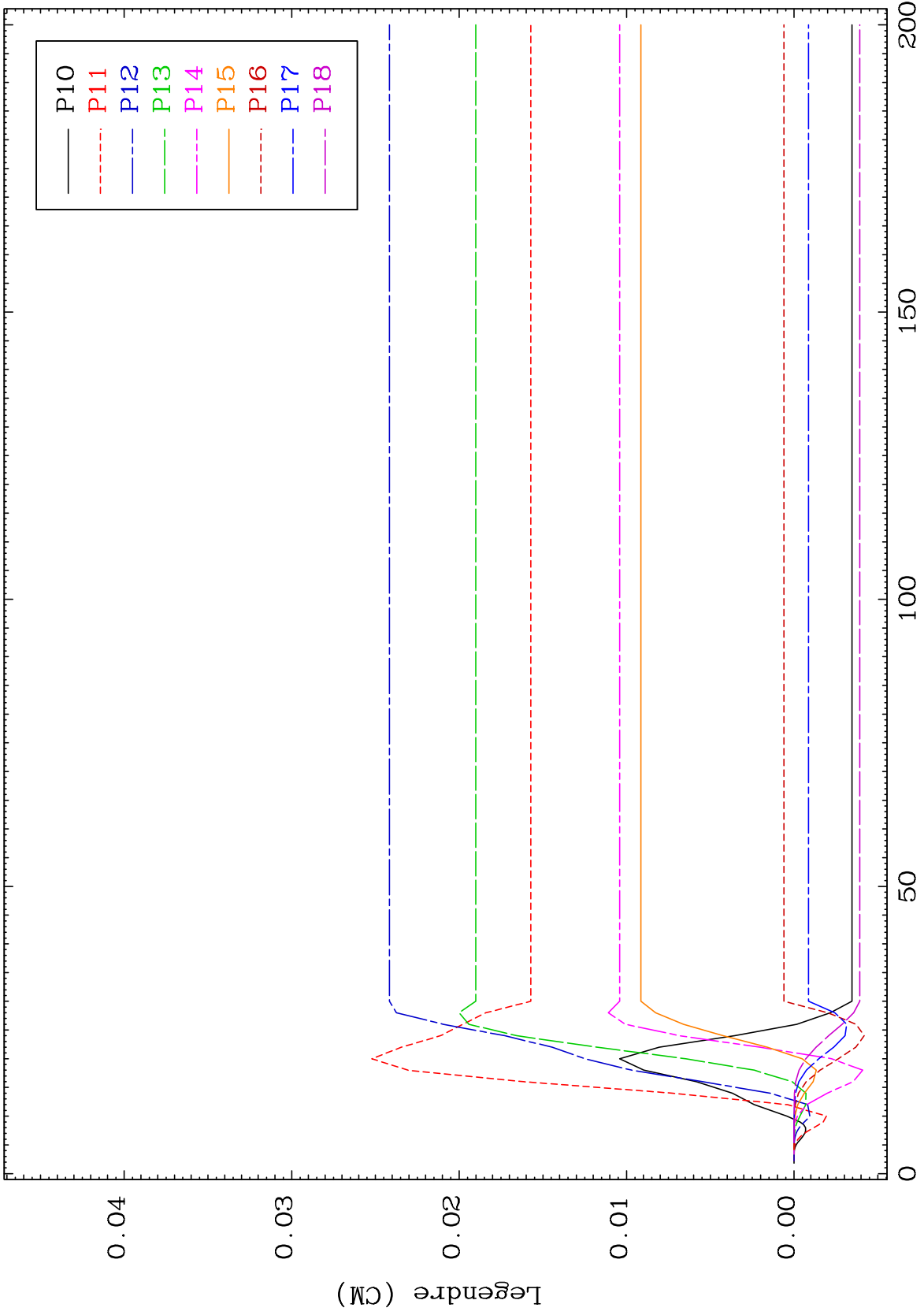
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



59

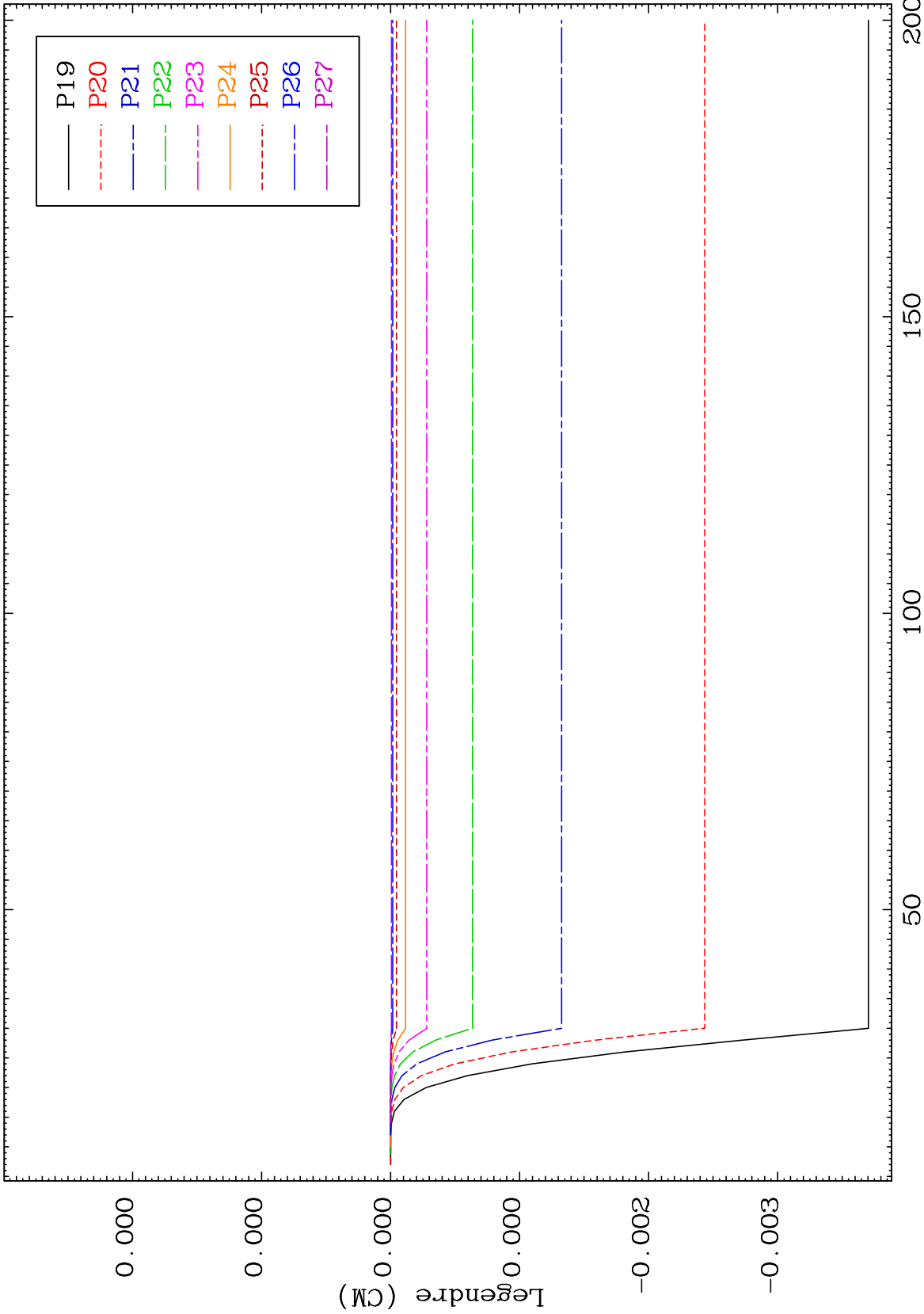
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



60

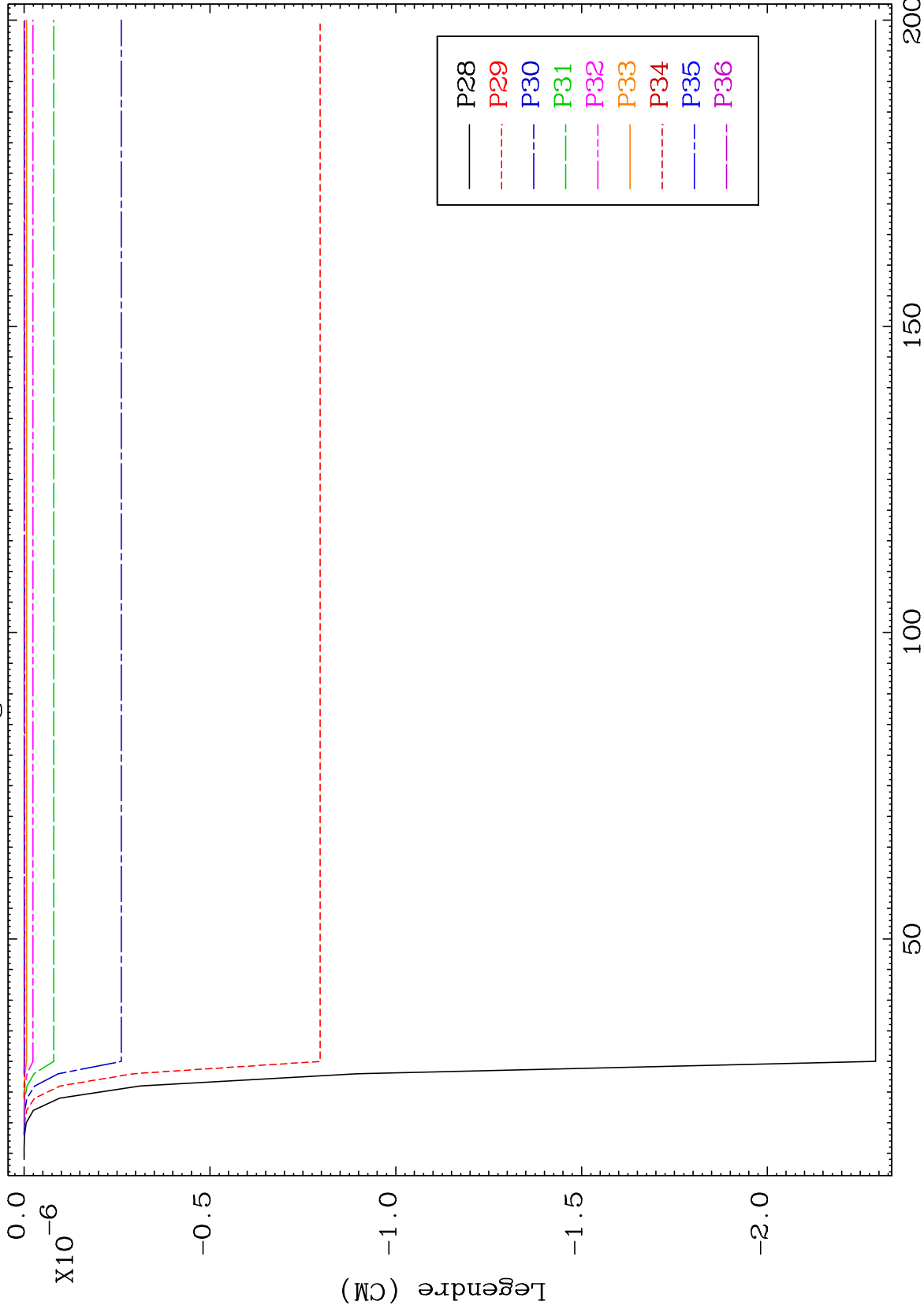
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



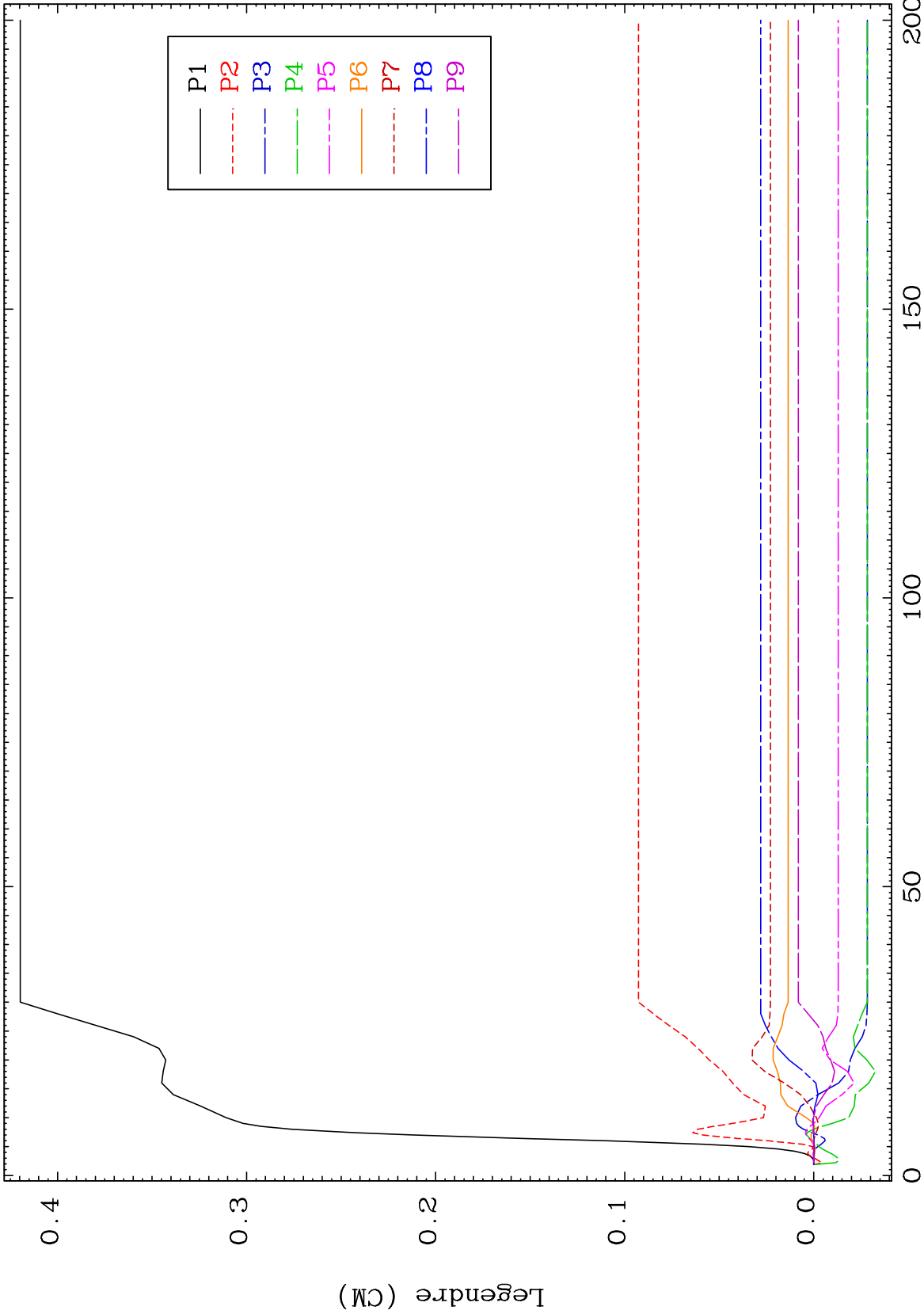
56-Ba-124

61

MAT 5607

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

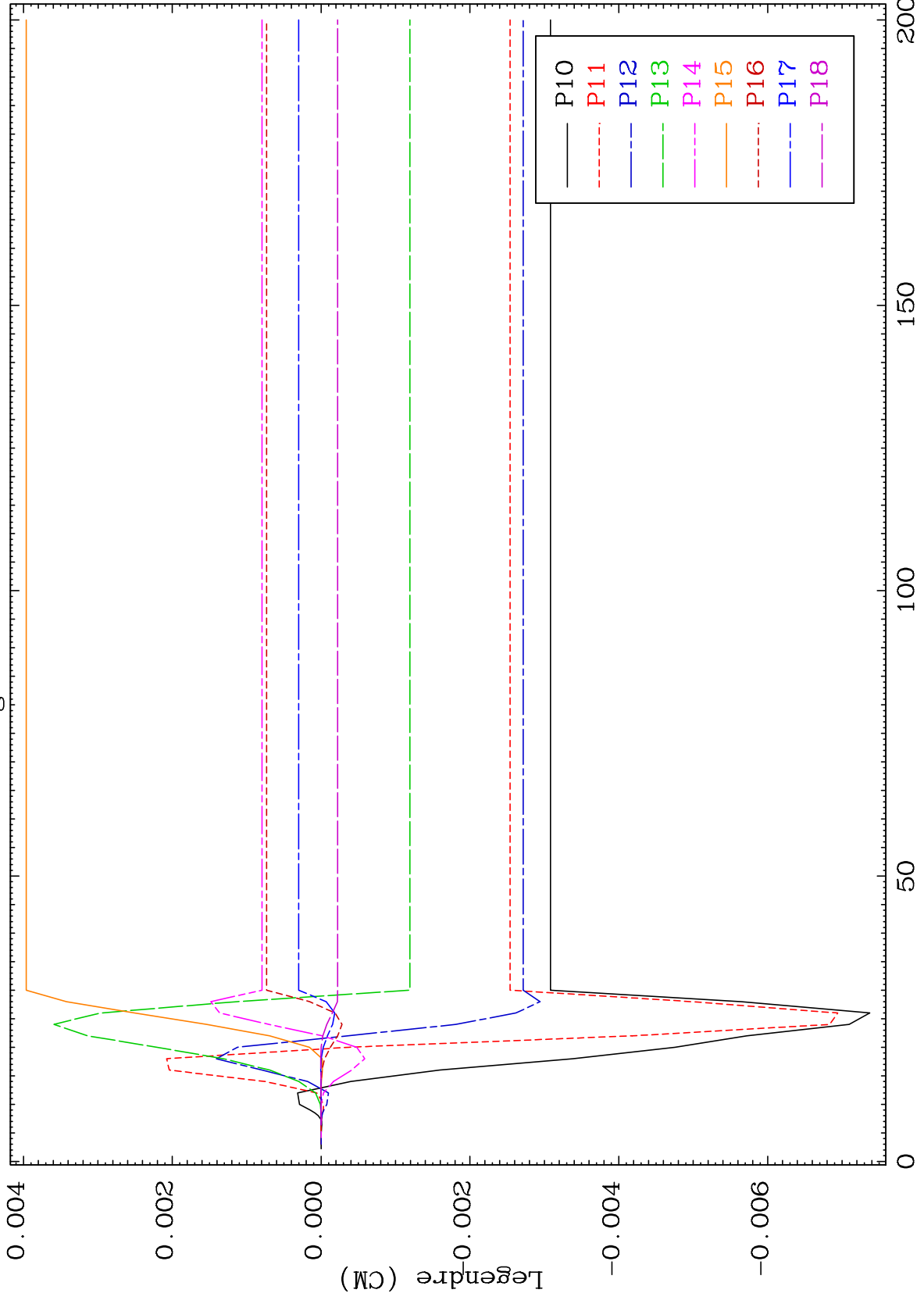
56-Ba-124



62

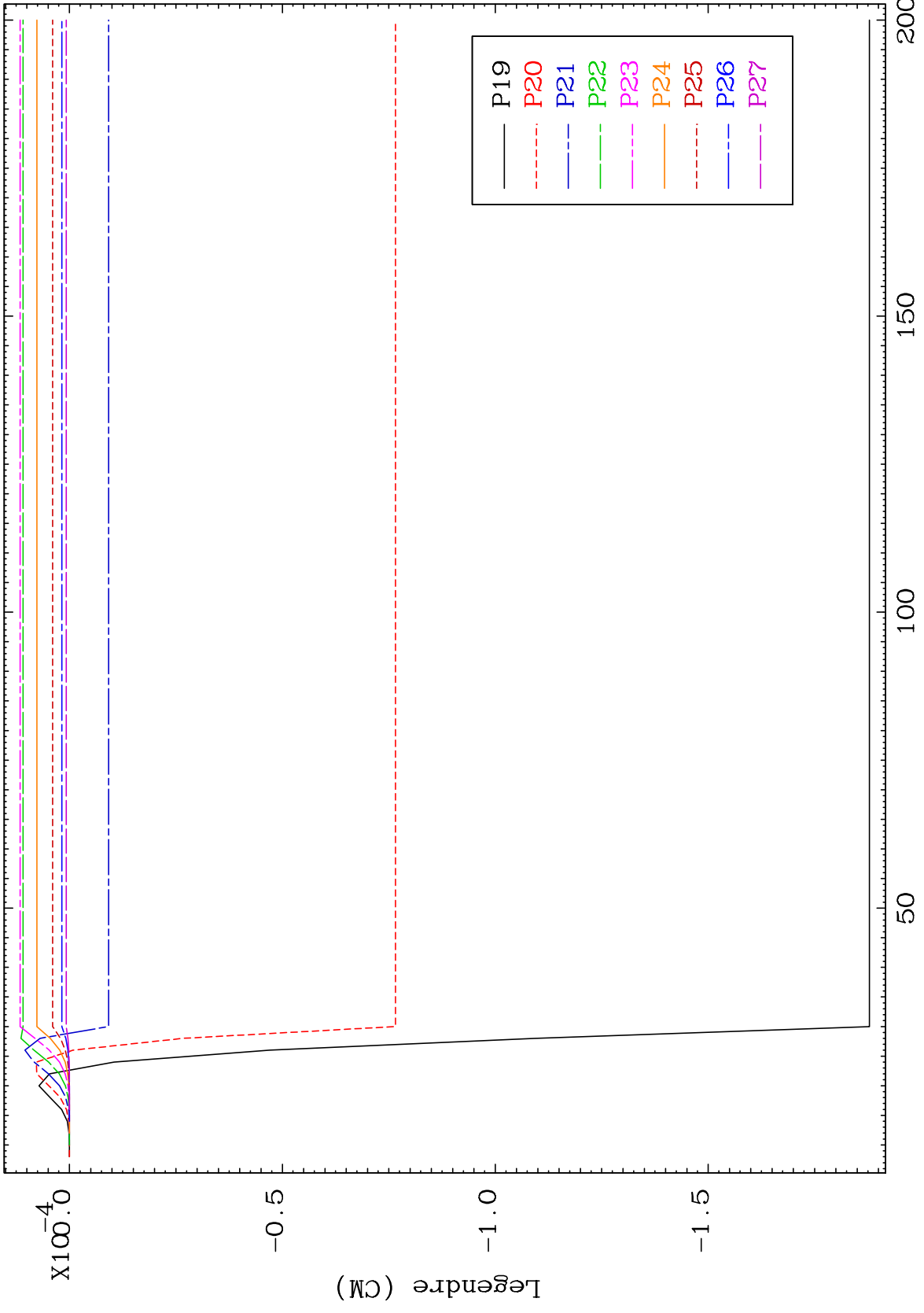
56-Ba-124

MAT 5607 MT= 63 (n,n') Level Legendre Coefficients 56-Ba-124



63 56-Ba-124

MAT 5607 MT= 63 (n,n') Level Legendre Coefficients 56-Ba-124

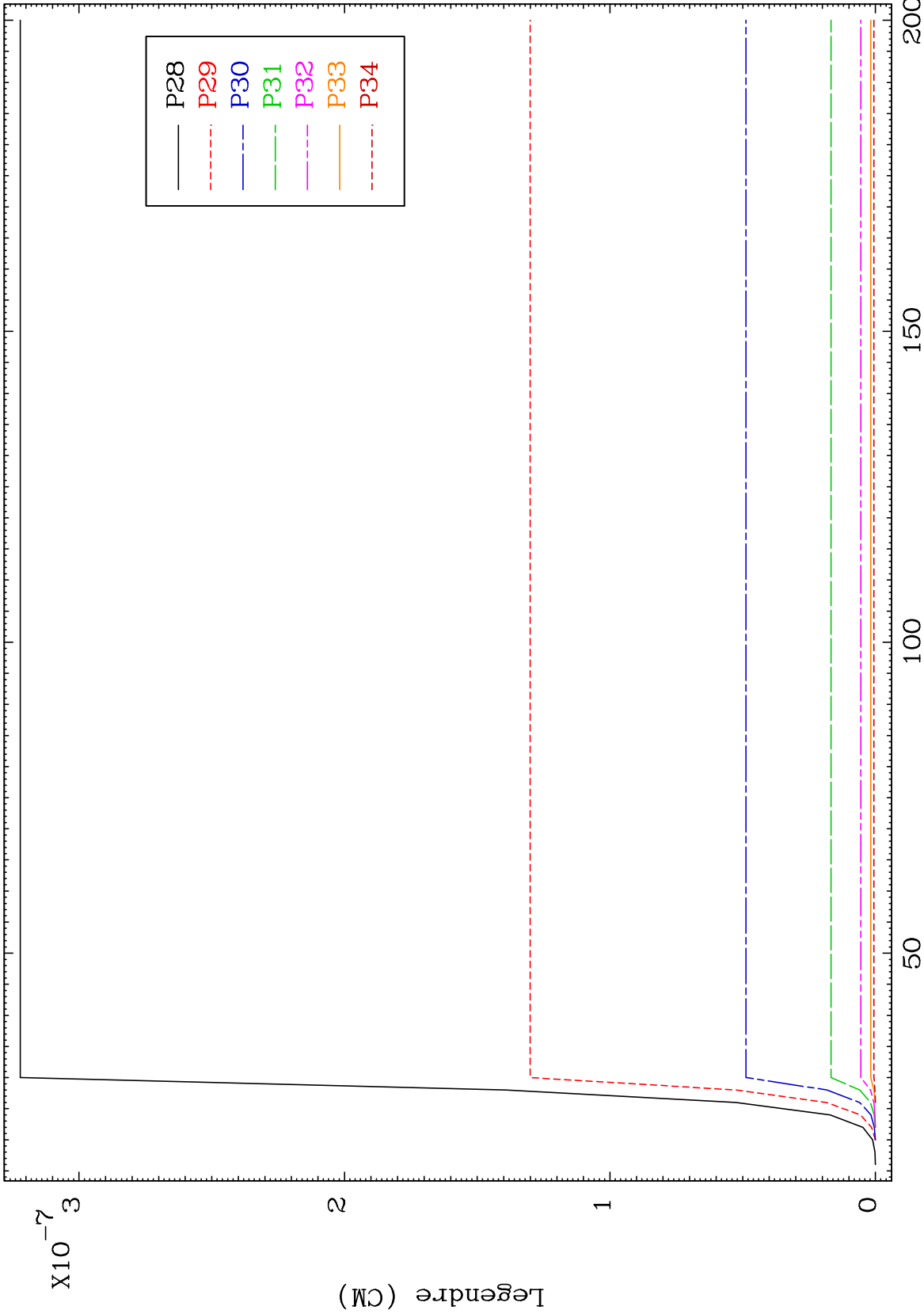


64 56-Ba-124

MAT 5607

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

56-Ba-124



65

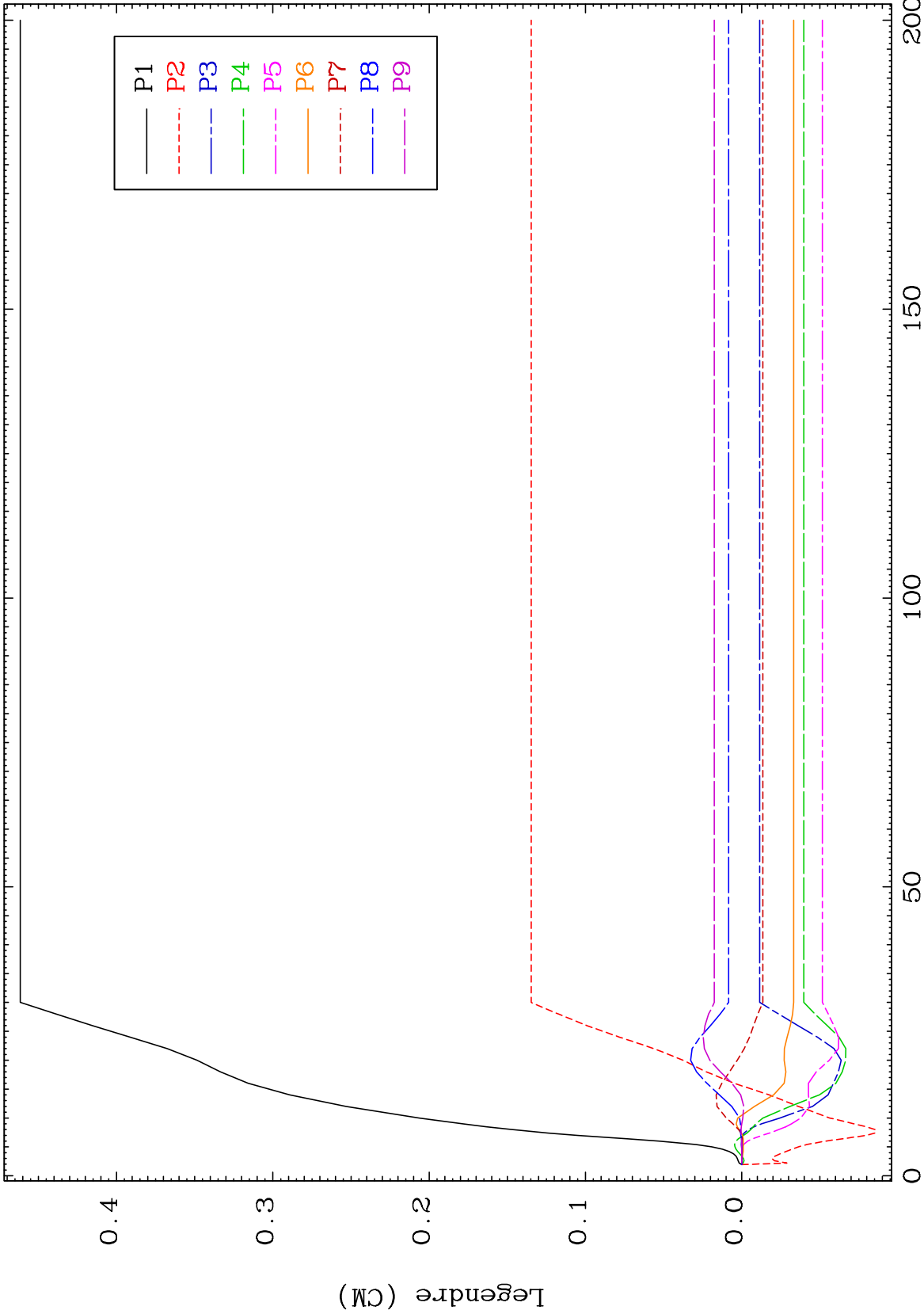
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



66

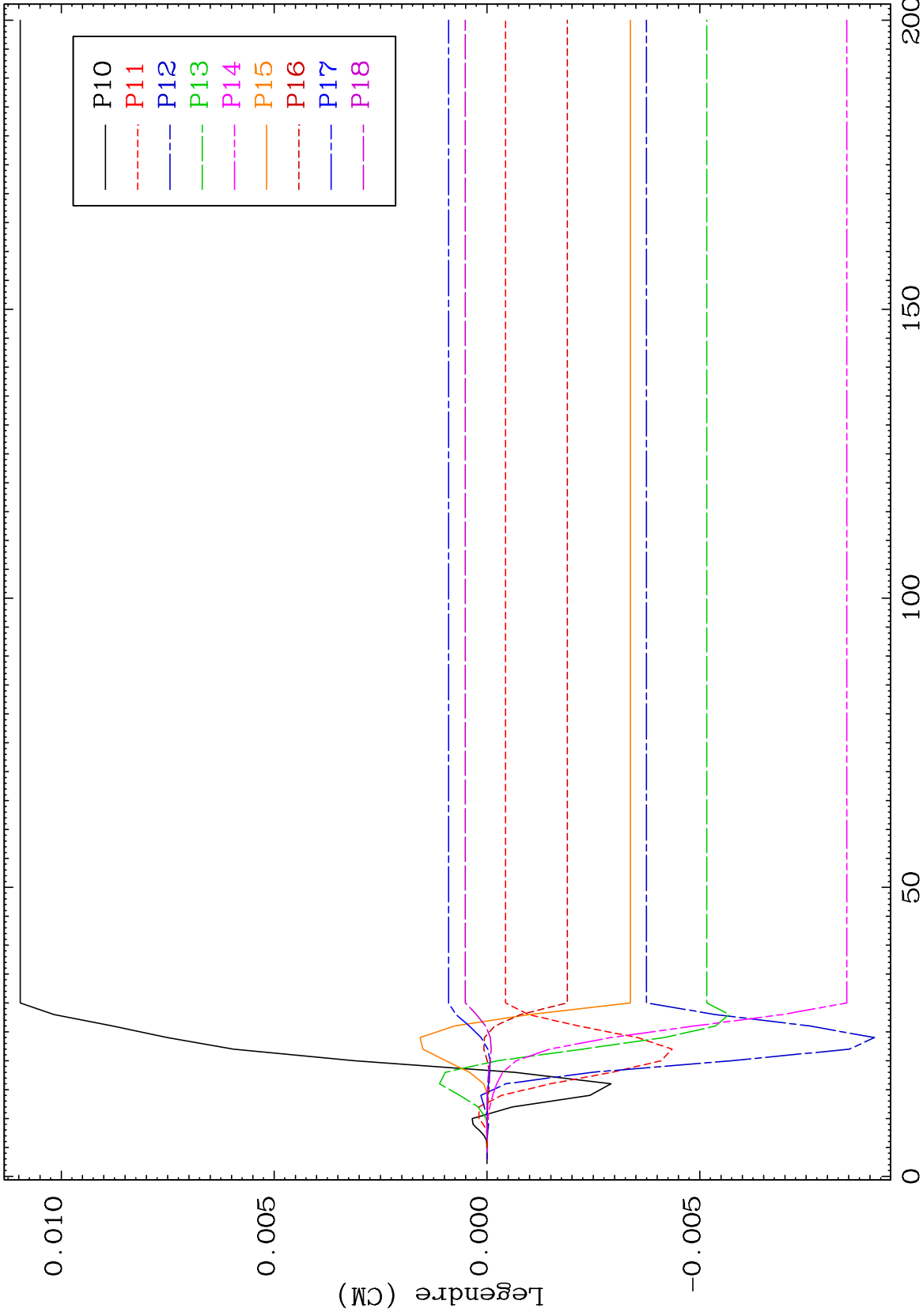
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



67

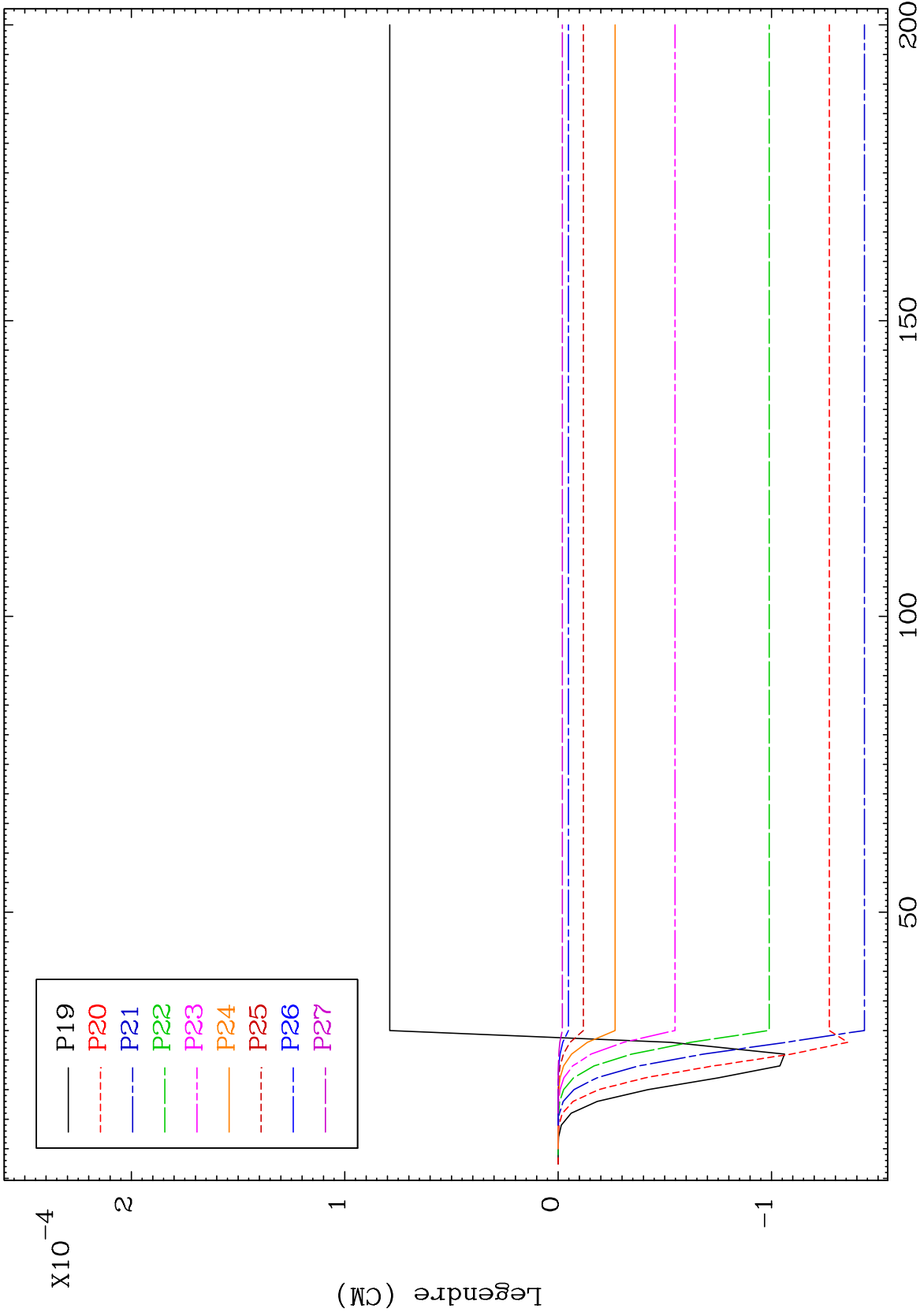
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



68

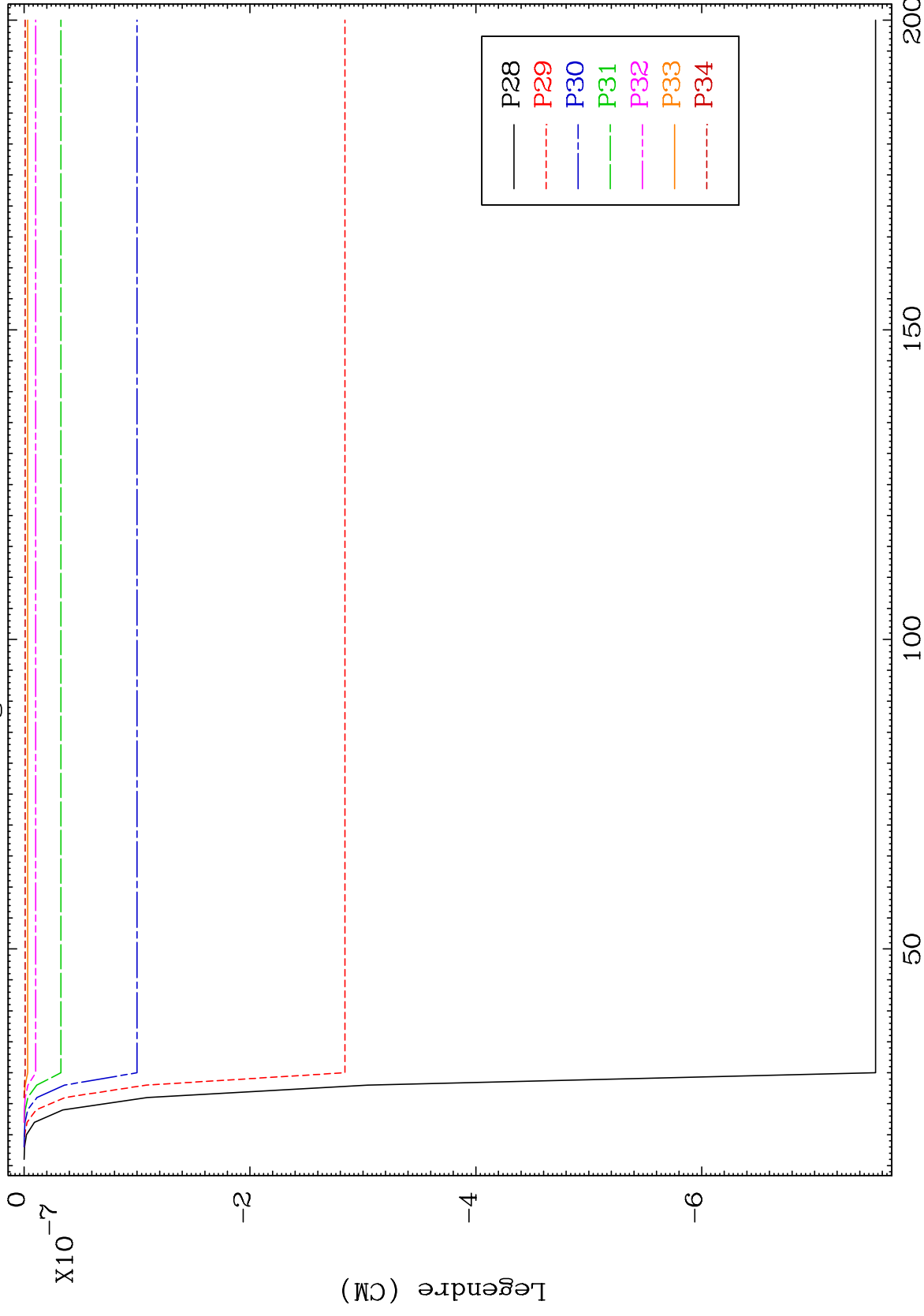
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



56-Ba-124

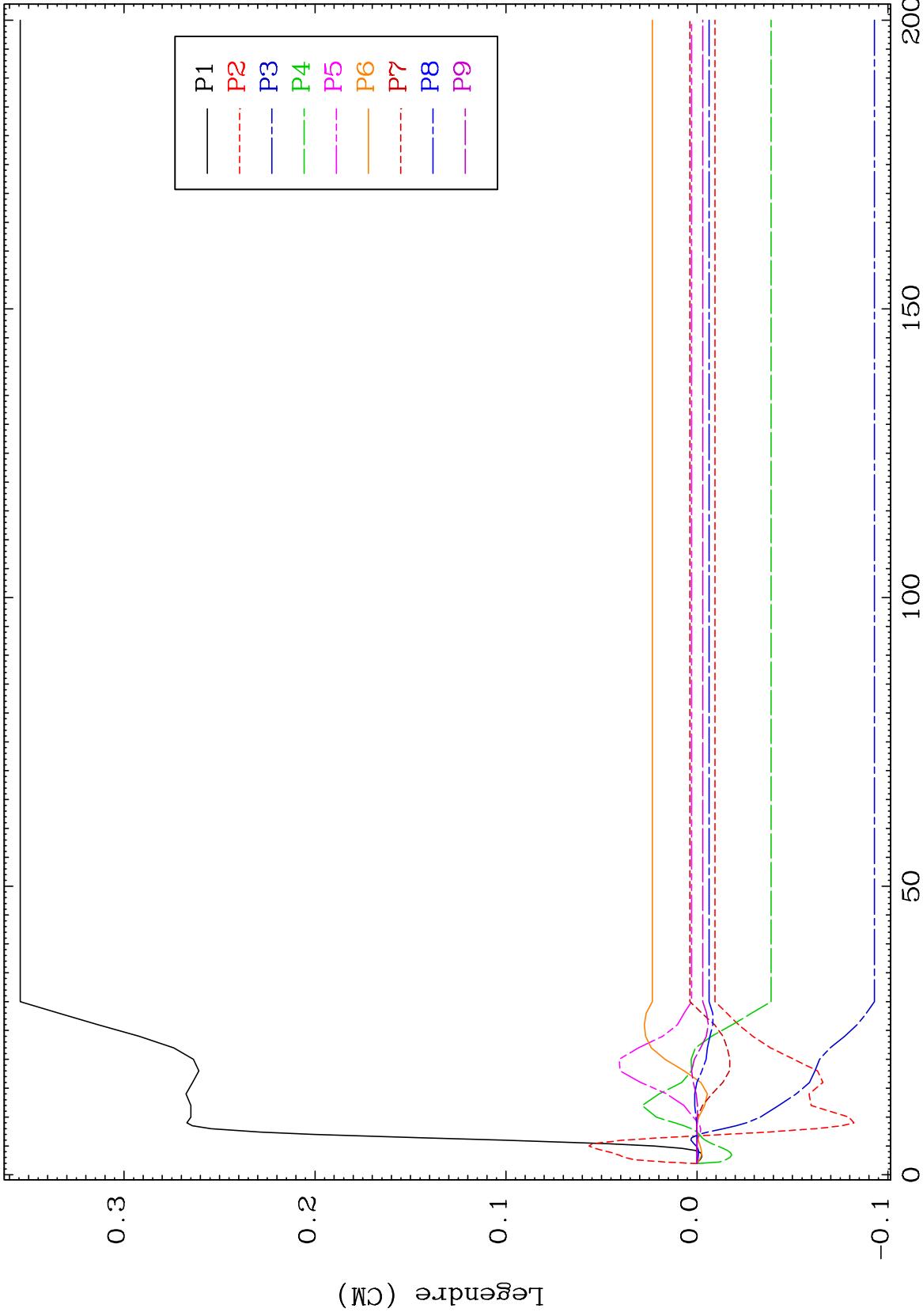
Incident Energy (MeV)

69

MAT 5607

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

56-Ba-124



56-Ba-124

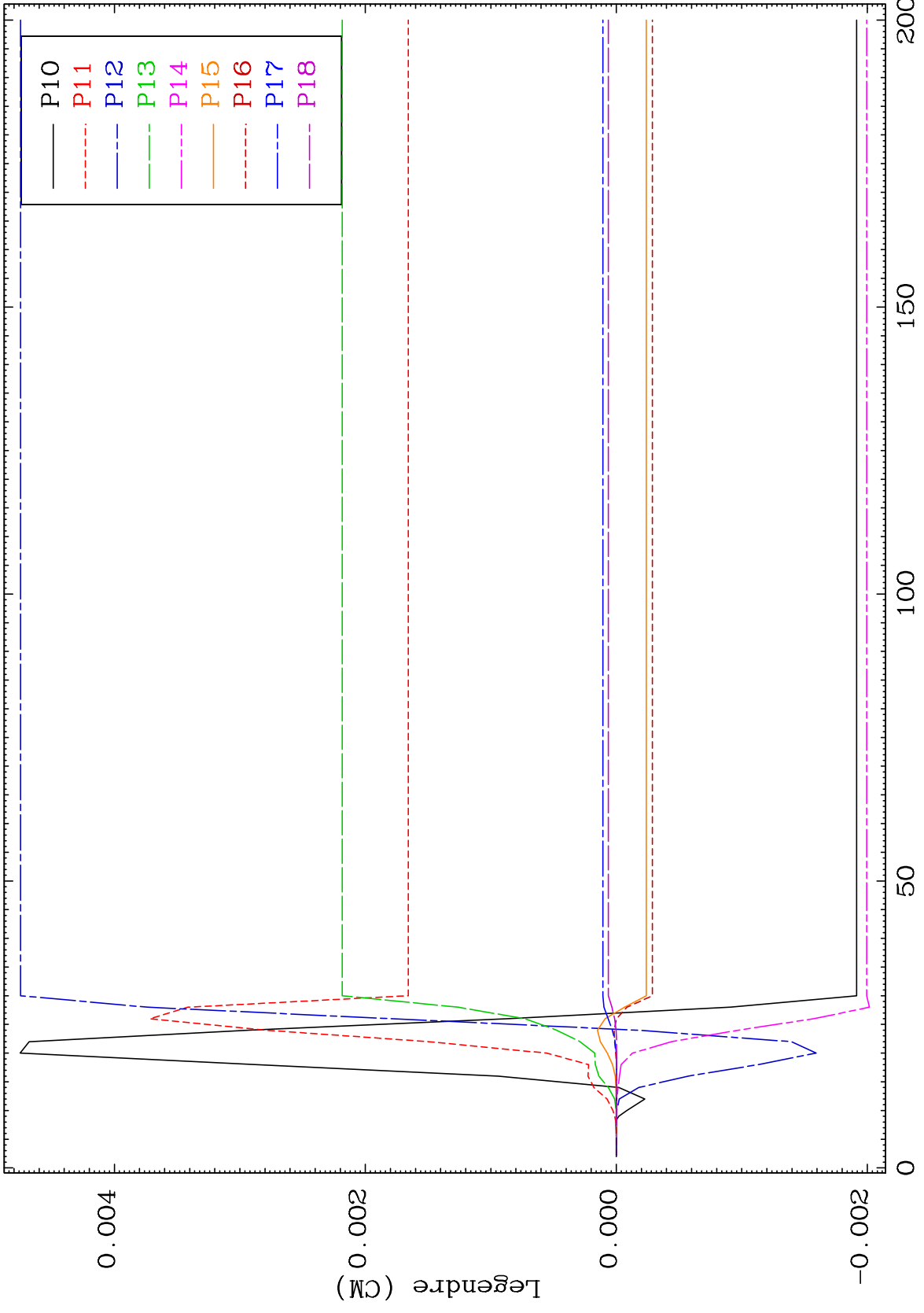
Incident Energy (MeV)

70

MAT 5607

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

56-Ba-124



56-Ba-124

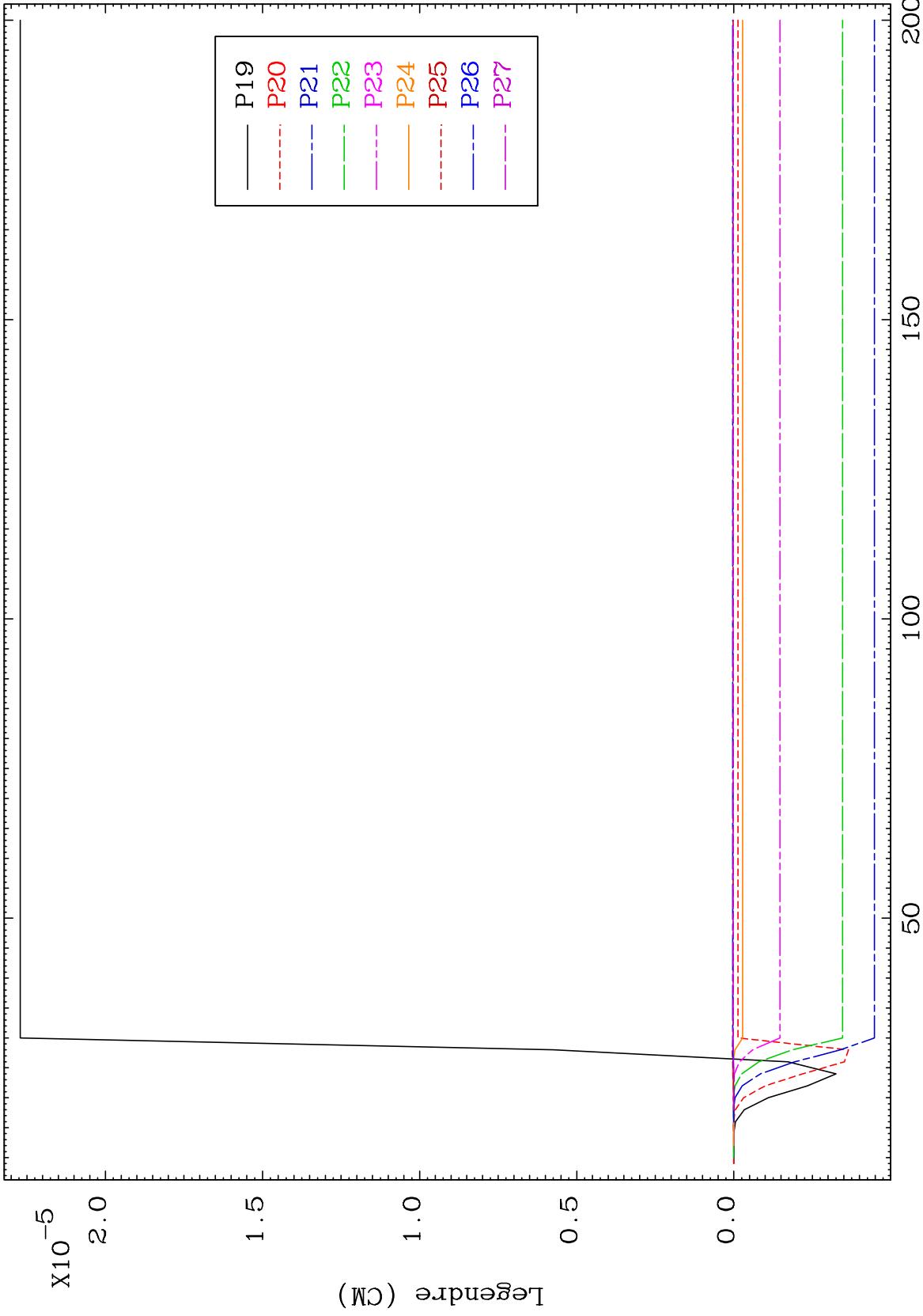
Incident Energy (MeV)

71

MAT 5607

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

56-Ba-124



72

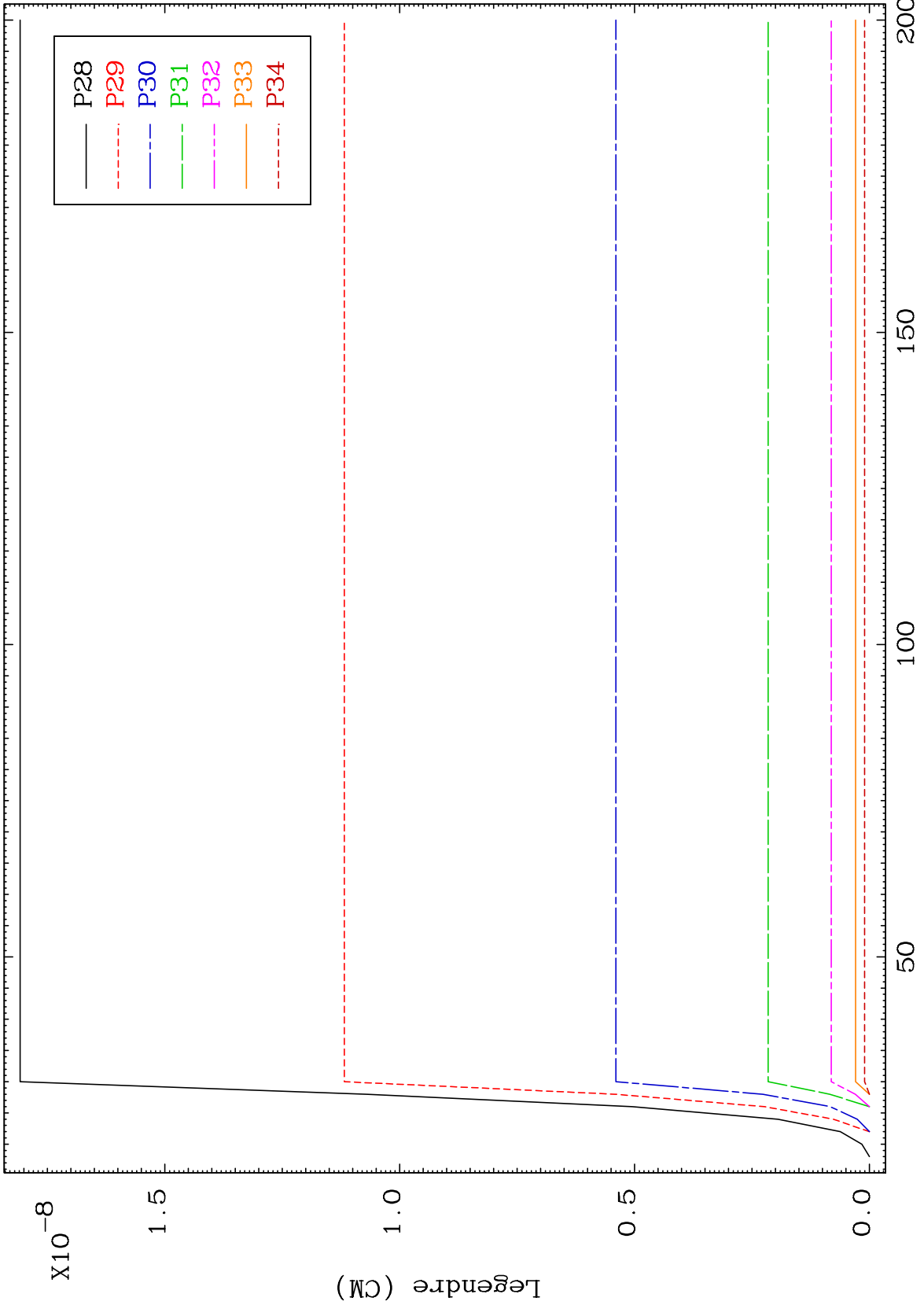
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



73

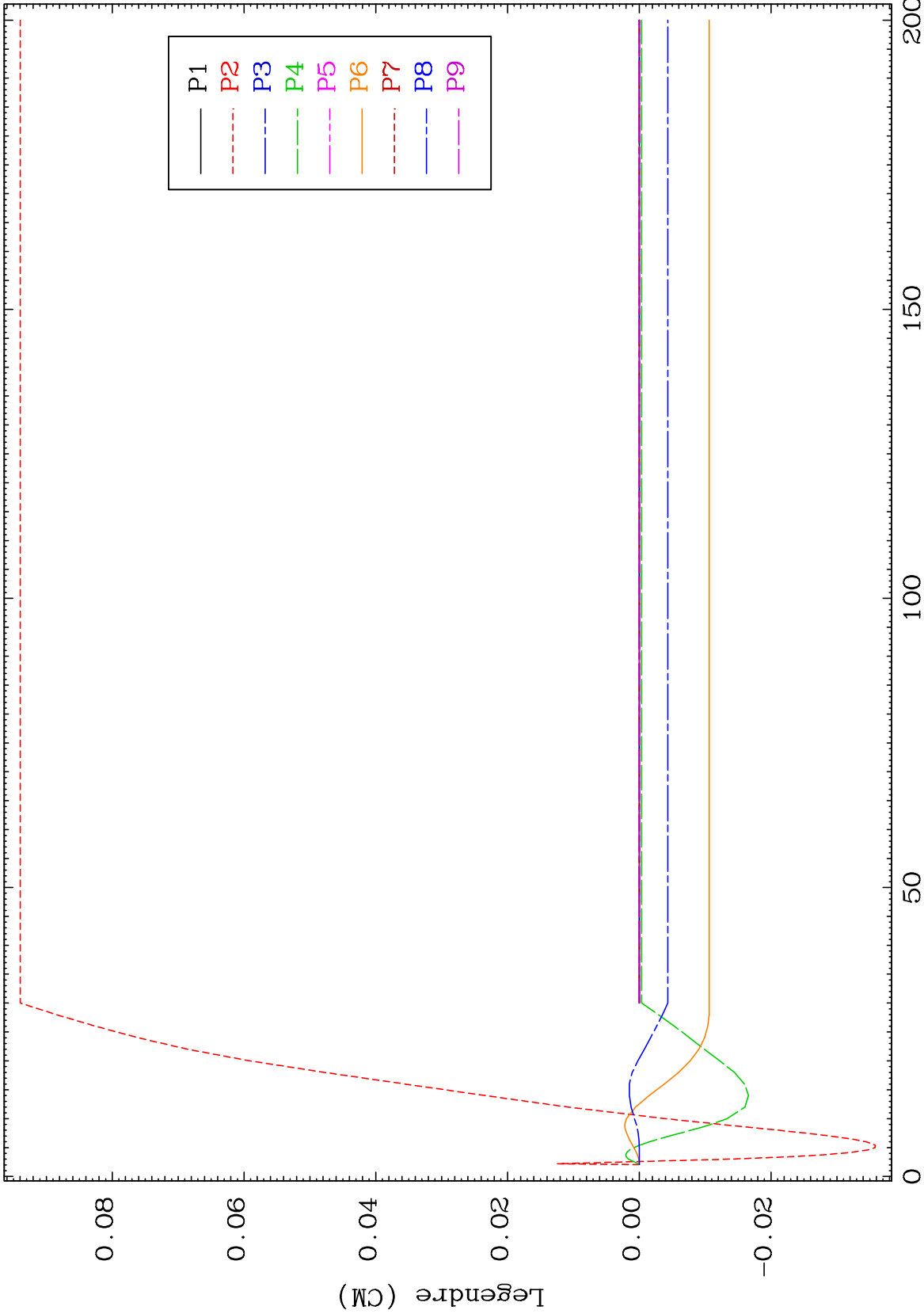
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



74

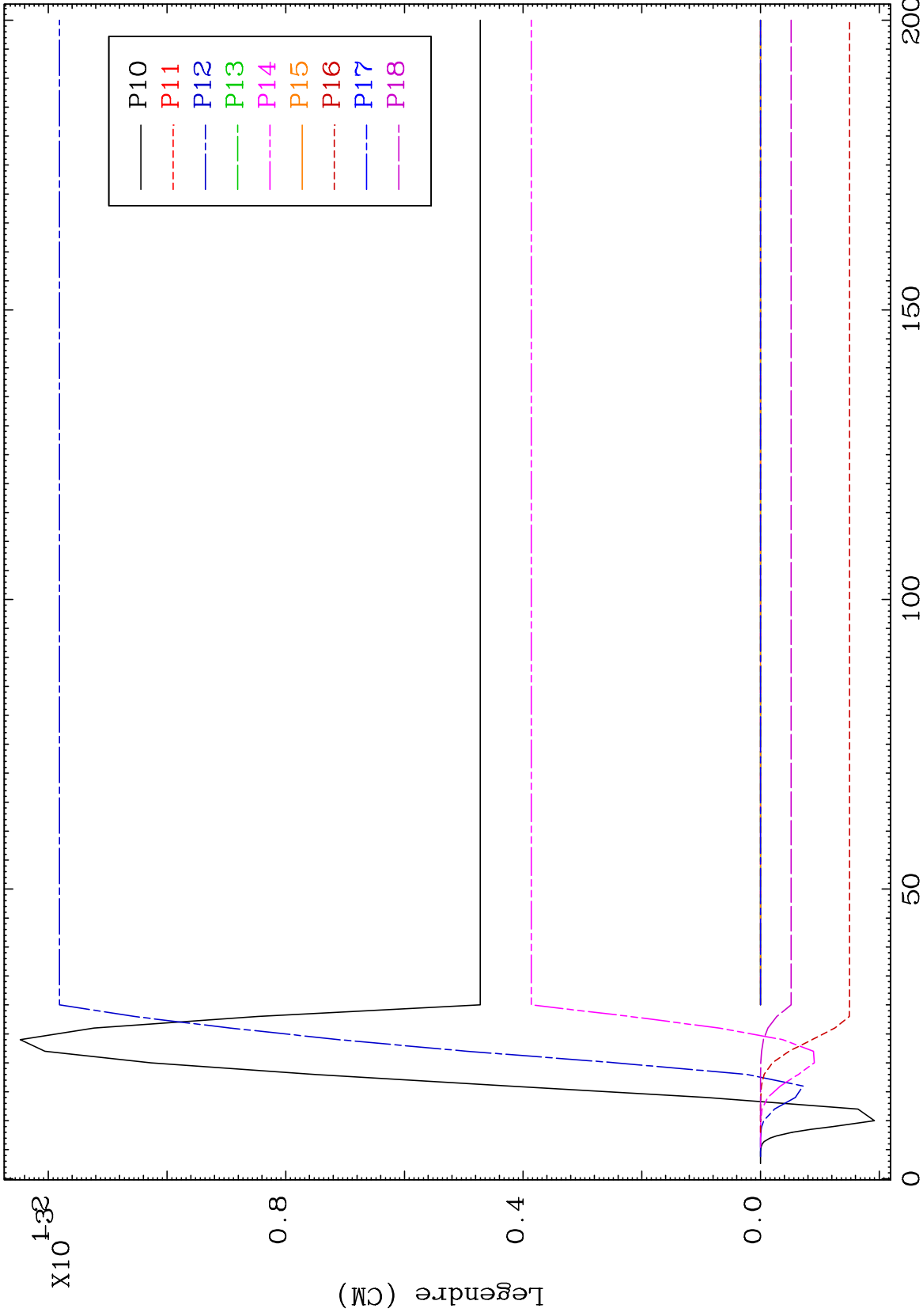
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



75

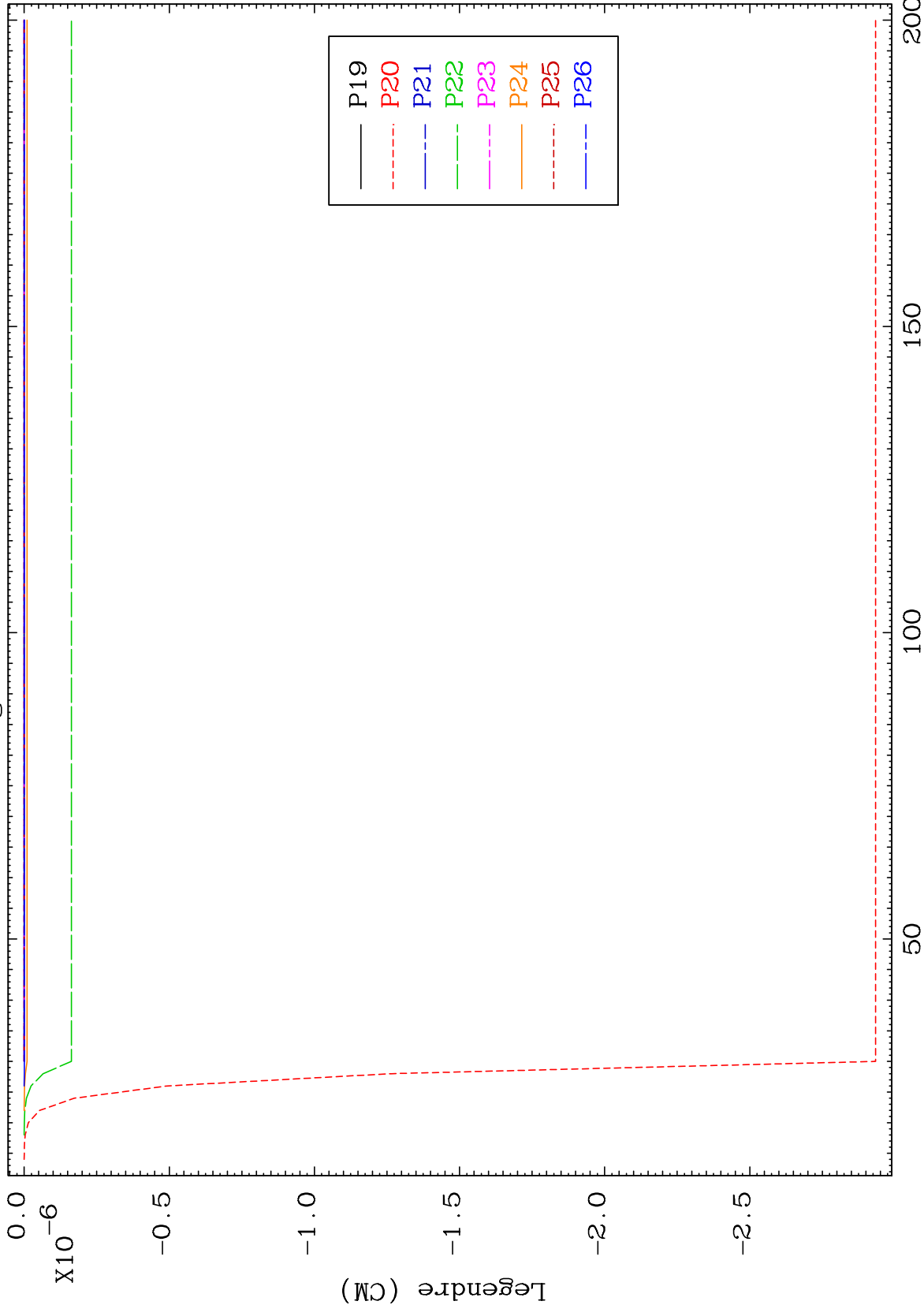
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



76

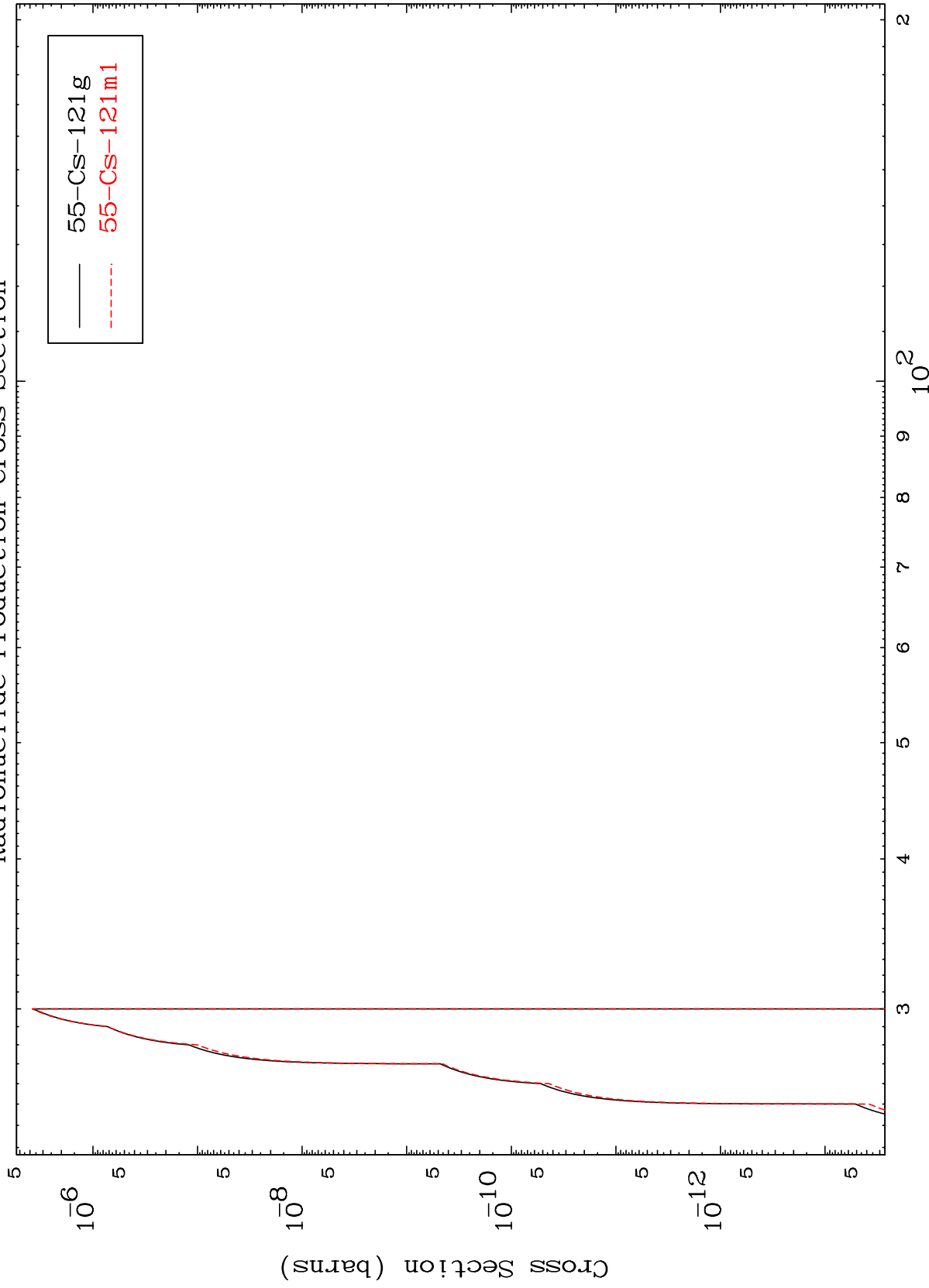
56-Ba-124

MAT 5607

(n,2n) d

56-Ba-124

Radionuclide Production Cross Section



77

Incident Energy (MeV)

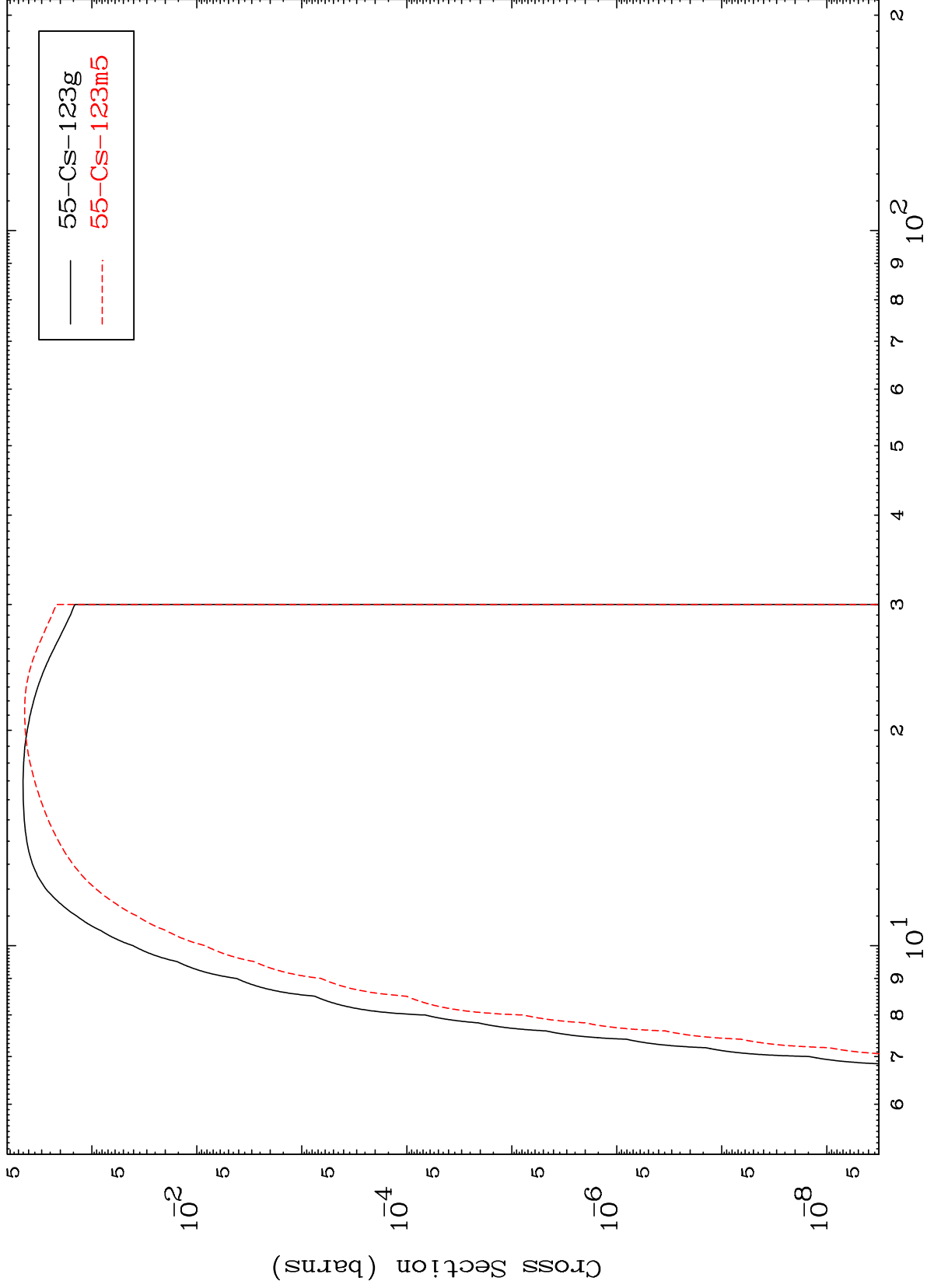
56-Ba-124

MAT 5607

(n,n') p

56-Ba-124

Radionuclide Production Cross Section



78

Incident Energy (MeV)

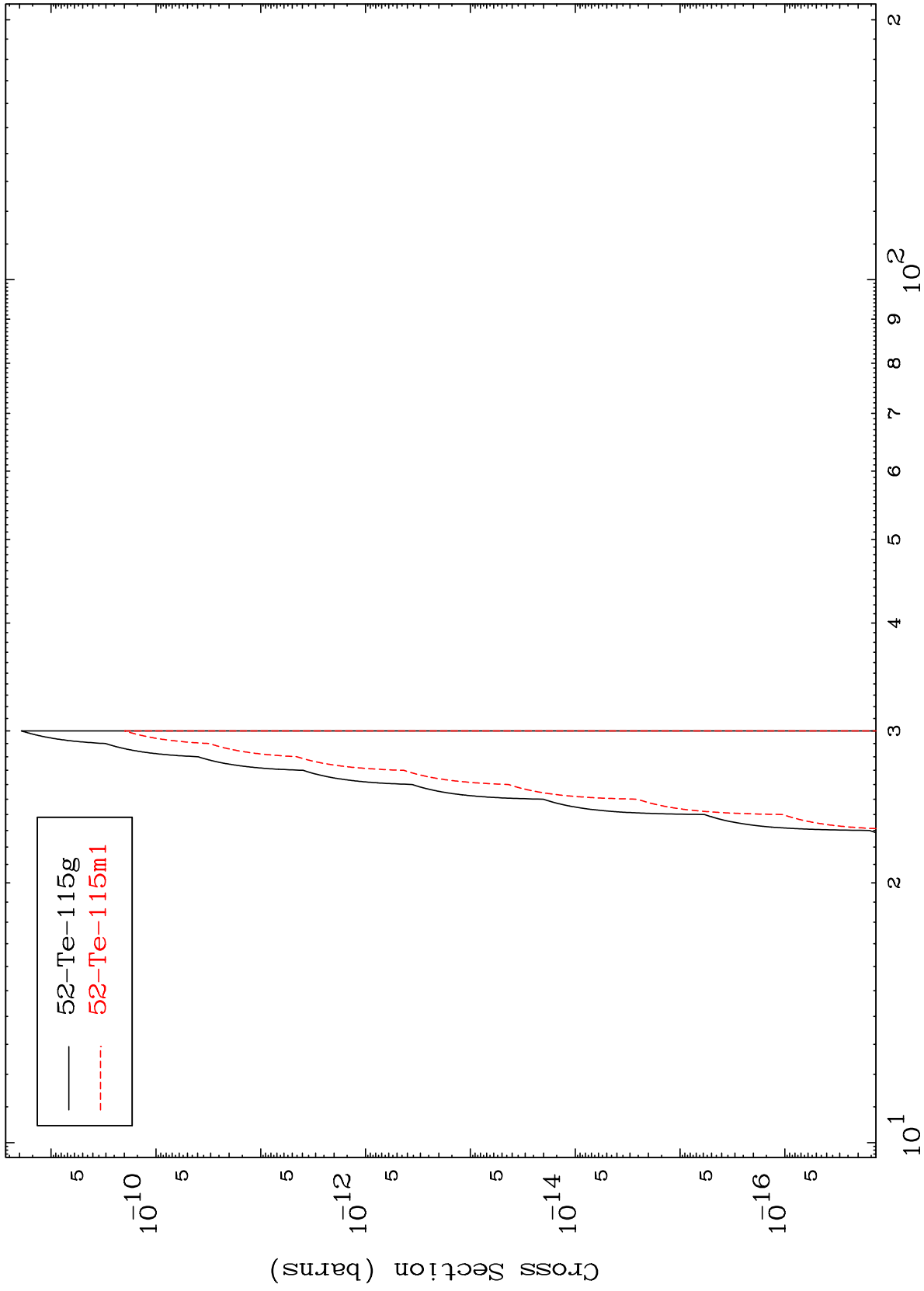
56-Ba-124

MAT 5607

(n,2n) 2α

56-Ba-124

Radionuclide Production Cross Section



79

Incident Energy (MeV)

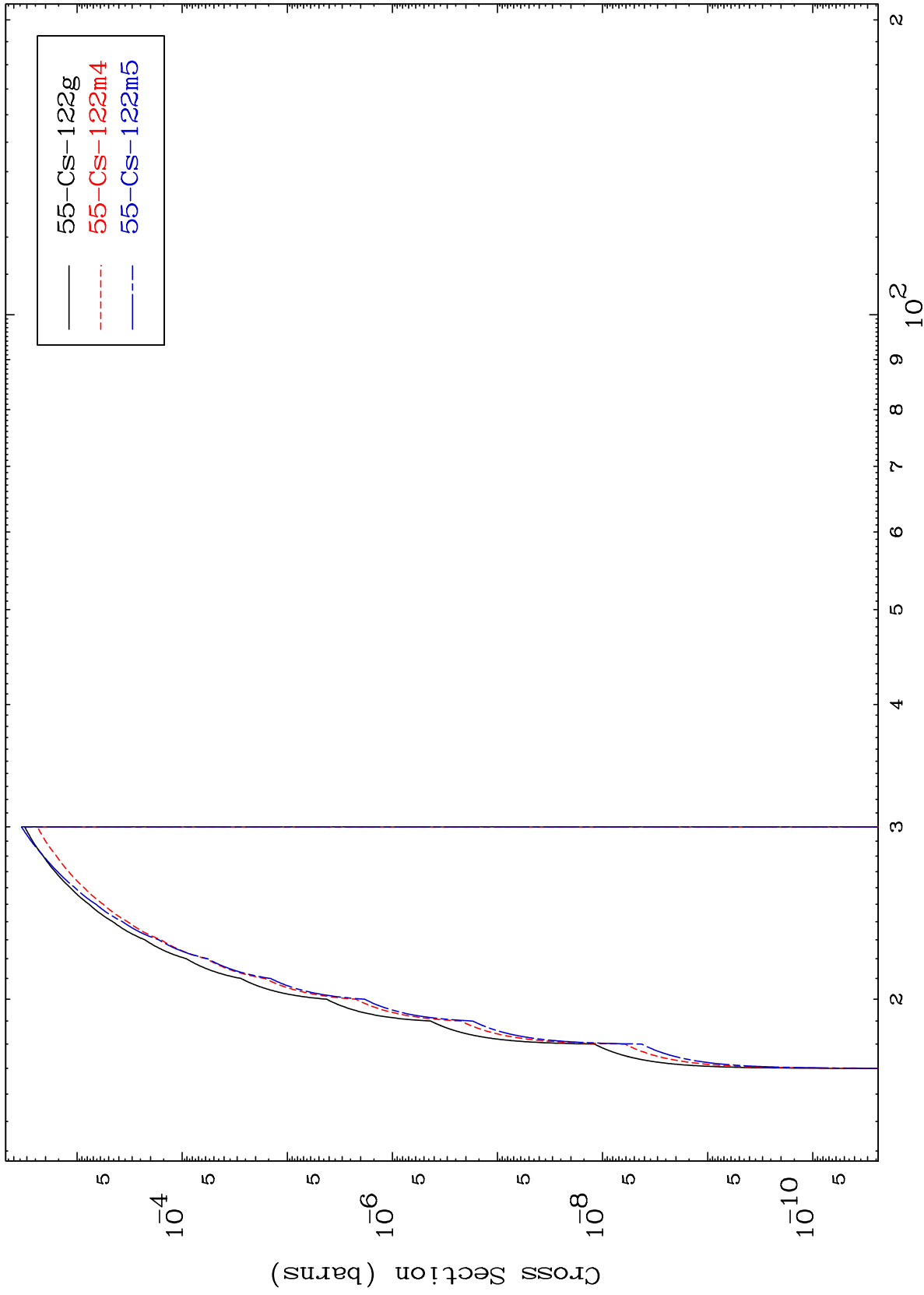
56-Ba-124

MAT 5607

(n,n') d

56-Ba-124

Radionuclide Production Cross Section



80

Incident Energy (MeV)

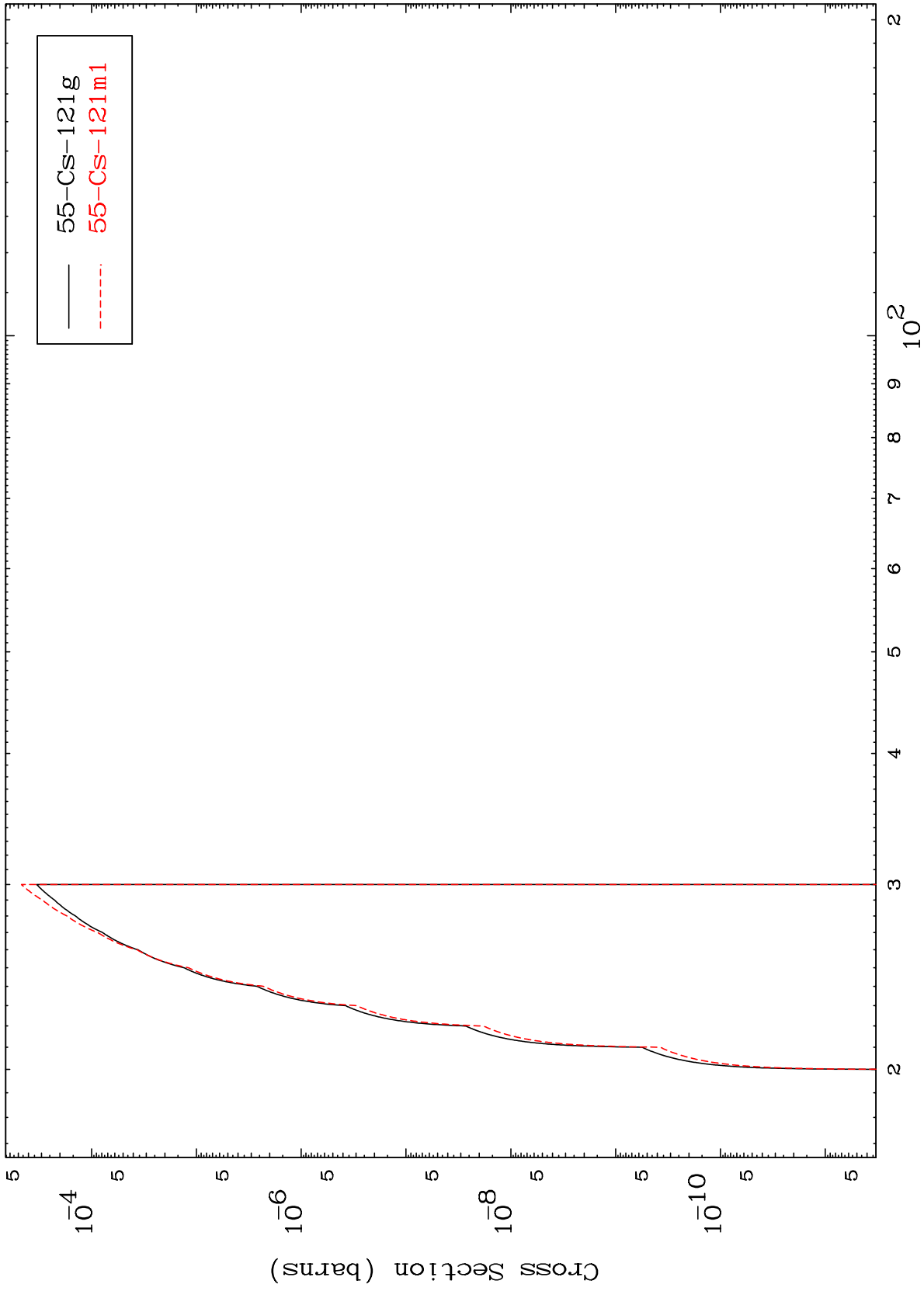
56-Ba-124

MAT 5607

(n,n') t

56-Ba-124

Radionuclide Production Cross Section



81

Incident Energy (MeV)

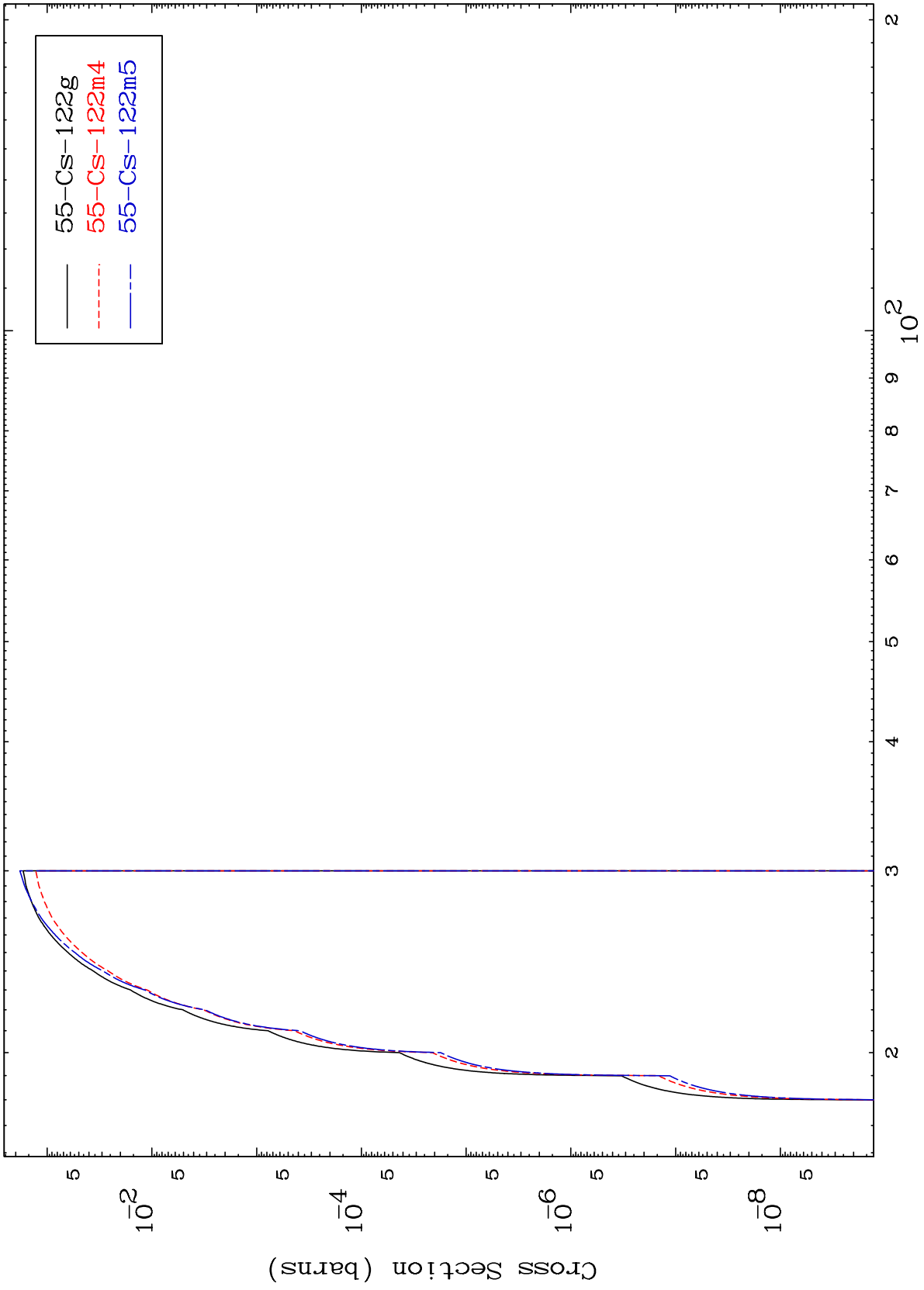
56-Ba-124

MAT 5607

(n,2n) p

56-Ba-124

Radionuclide Production Cross Section



82

Incident Energy (MeV)

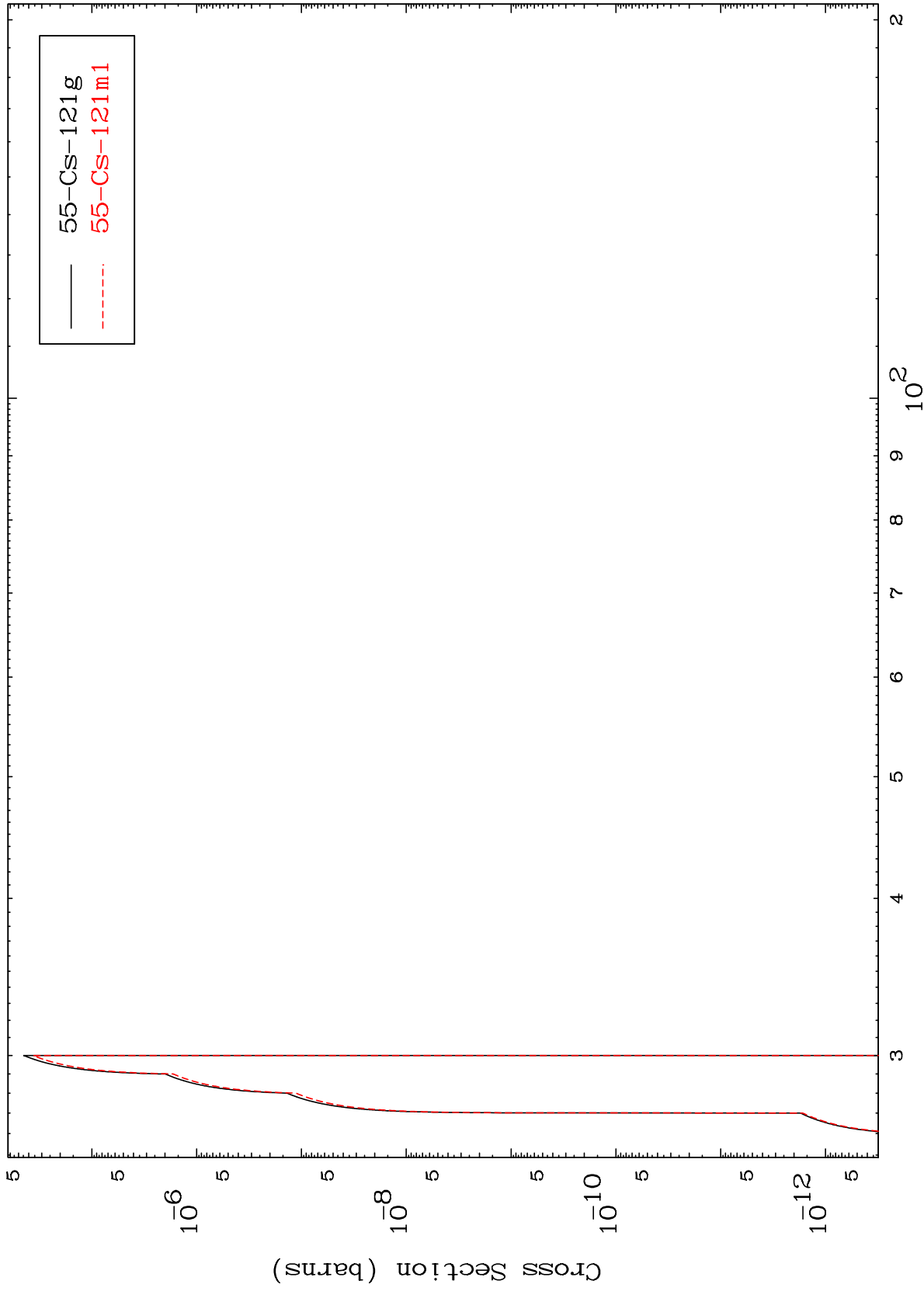
56-Ba-124

MAT 5607

(n,3n) p

56-Ba-124

Radionuclide Production Cross Section



83

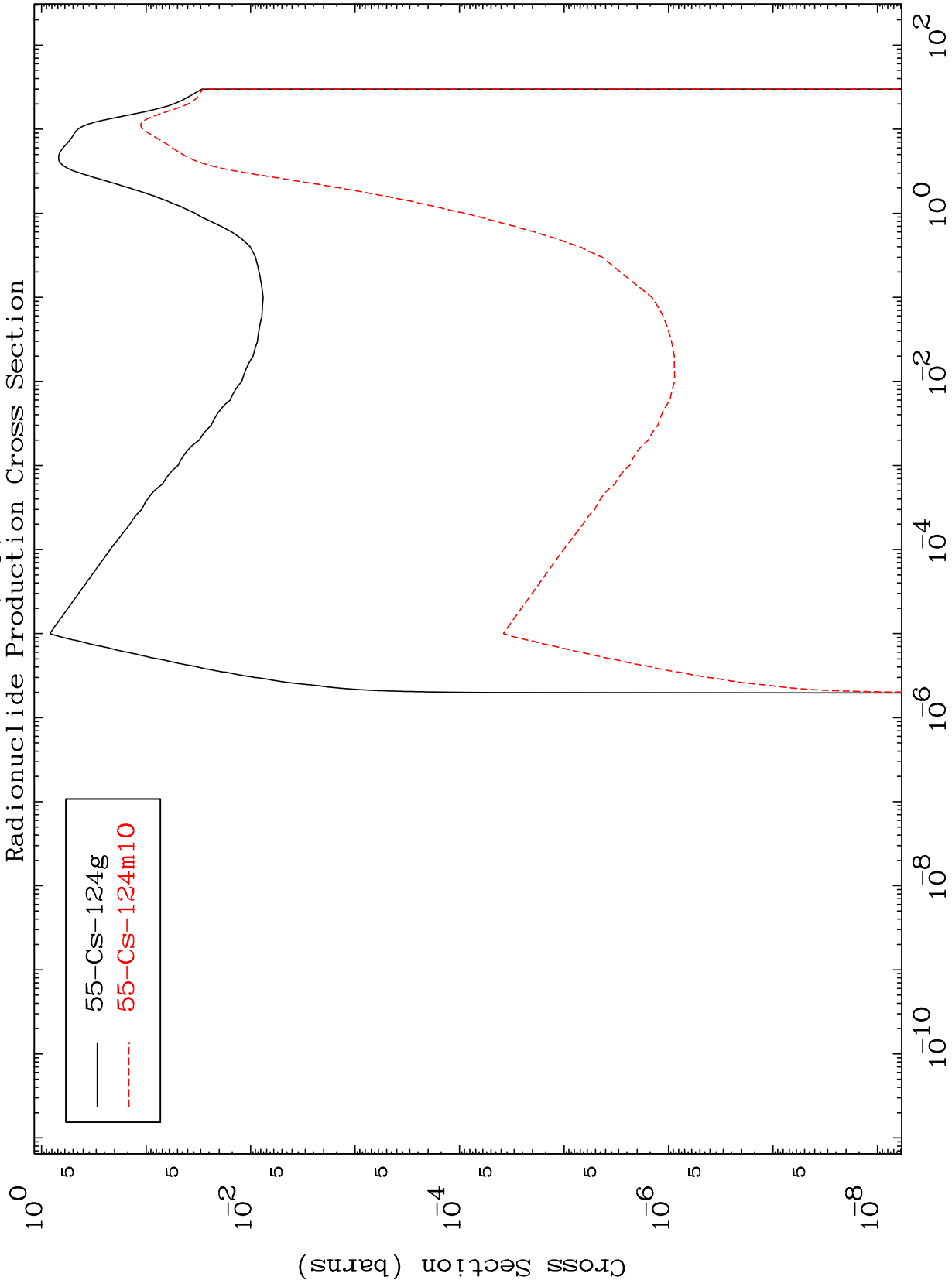
Incident Energy (MeV)

56-Ba-124

MAT 5607

Radionuclide Production Cross Section
(n,p)

56-Ba-124



84

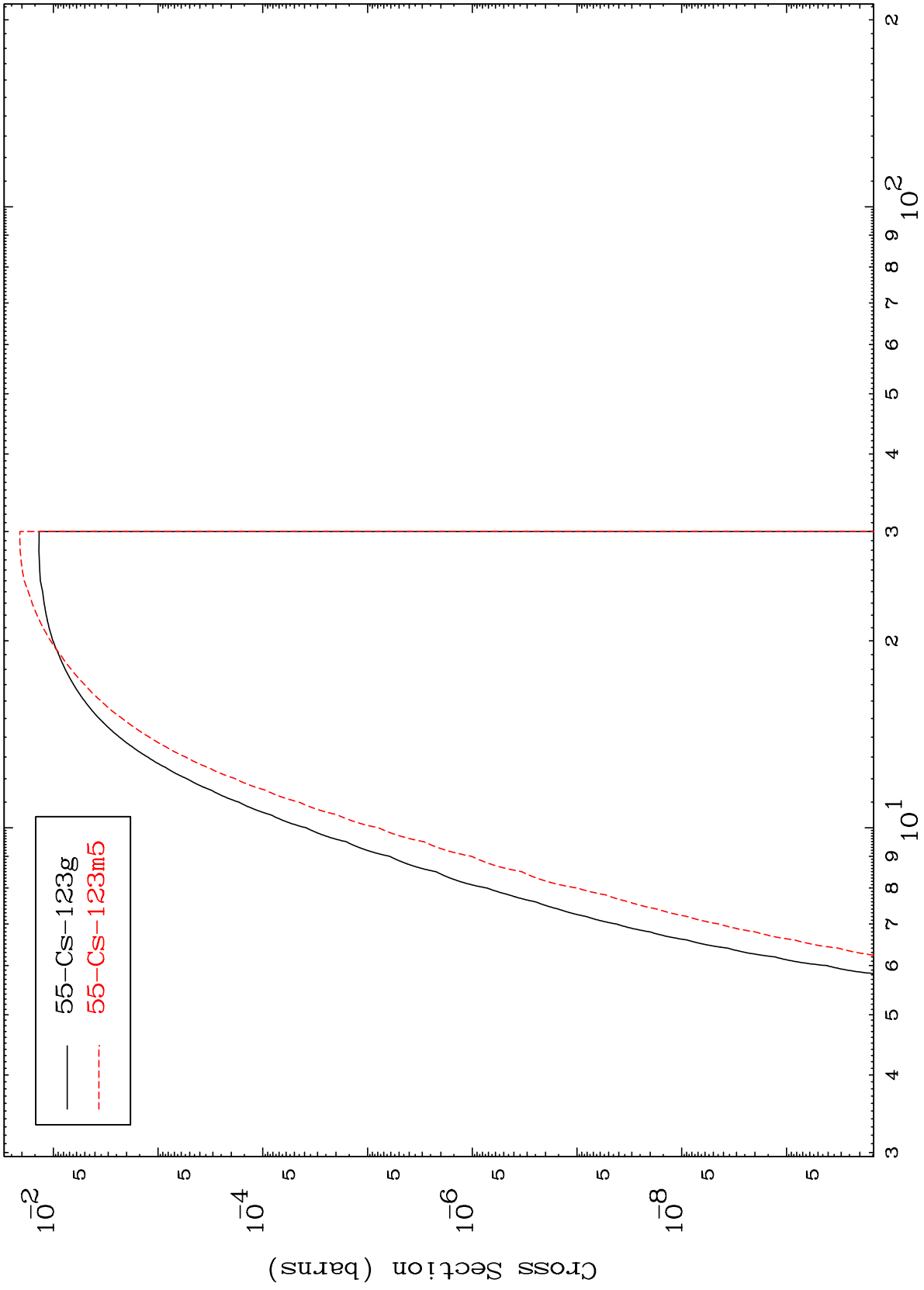
Incident Energy (MeV)

56-Ba-124

MAT 5607

56-Ba-124

(n,d)
Radionuclide Production Cross Section



85

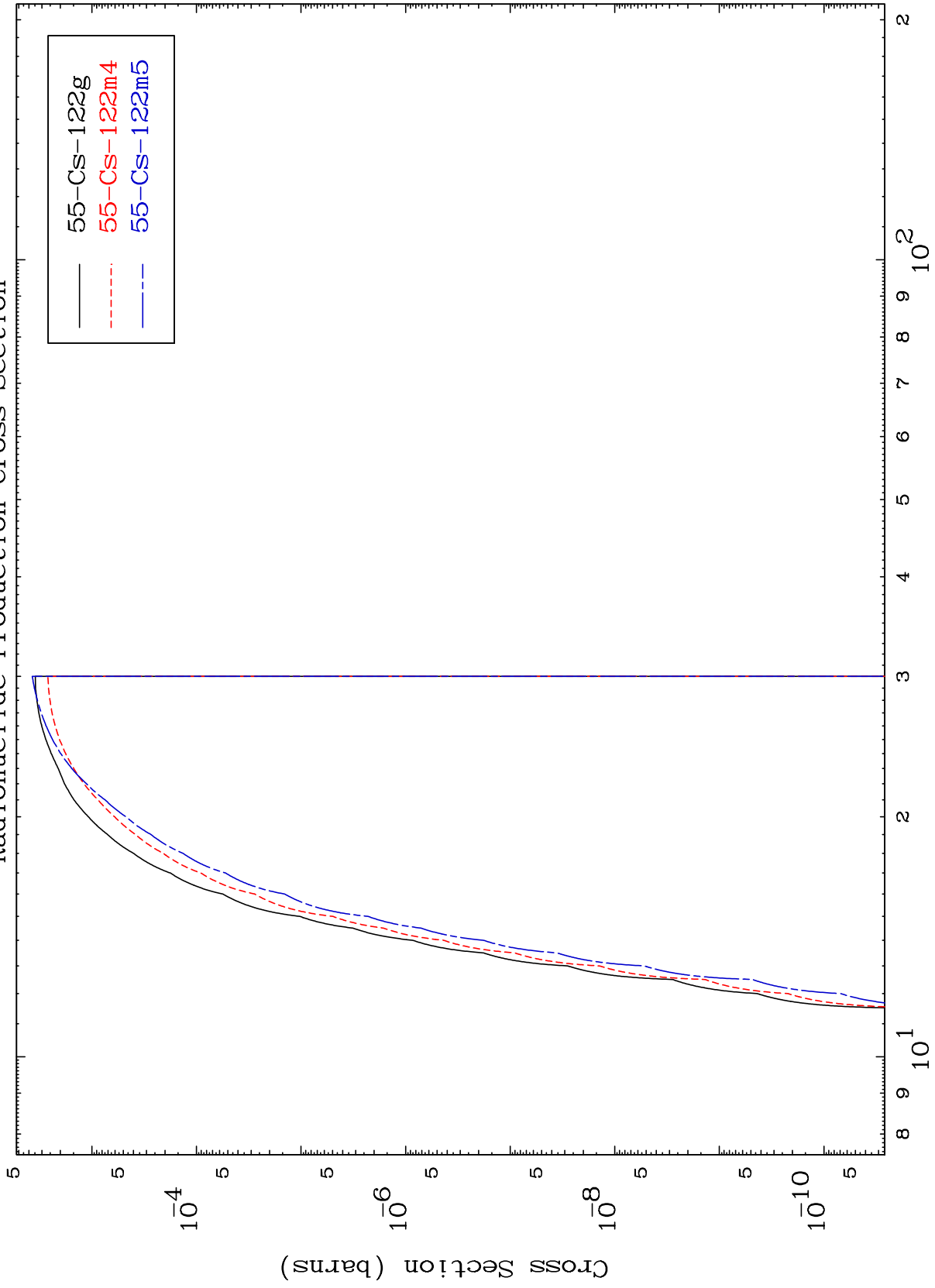
Incident Energy (MeV)

56-Ba-124

MAT 5607

56-Ba-124

(n, t)
Radionuclide Production Cross Section



86

Incident Energy (MeV)

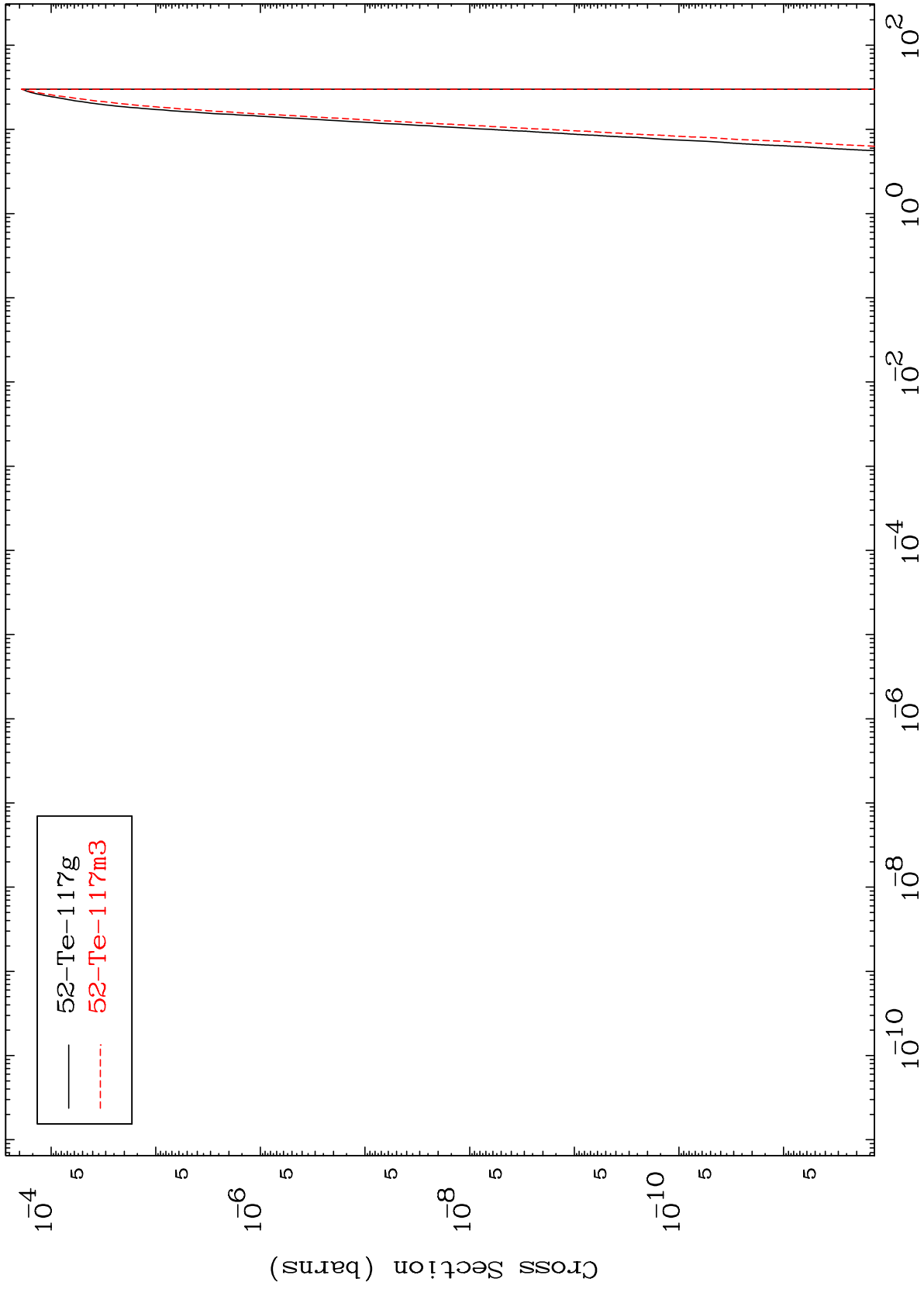
56-Ba-124

MAT 5607

(n,2α)

56-Ba-124

Radionuclide Production Cross Section



87

Incident Energy (MeV)

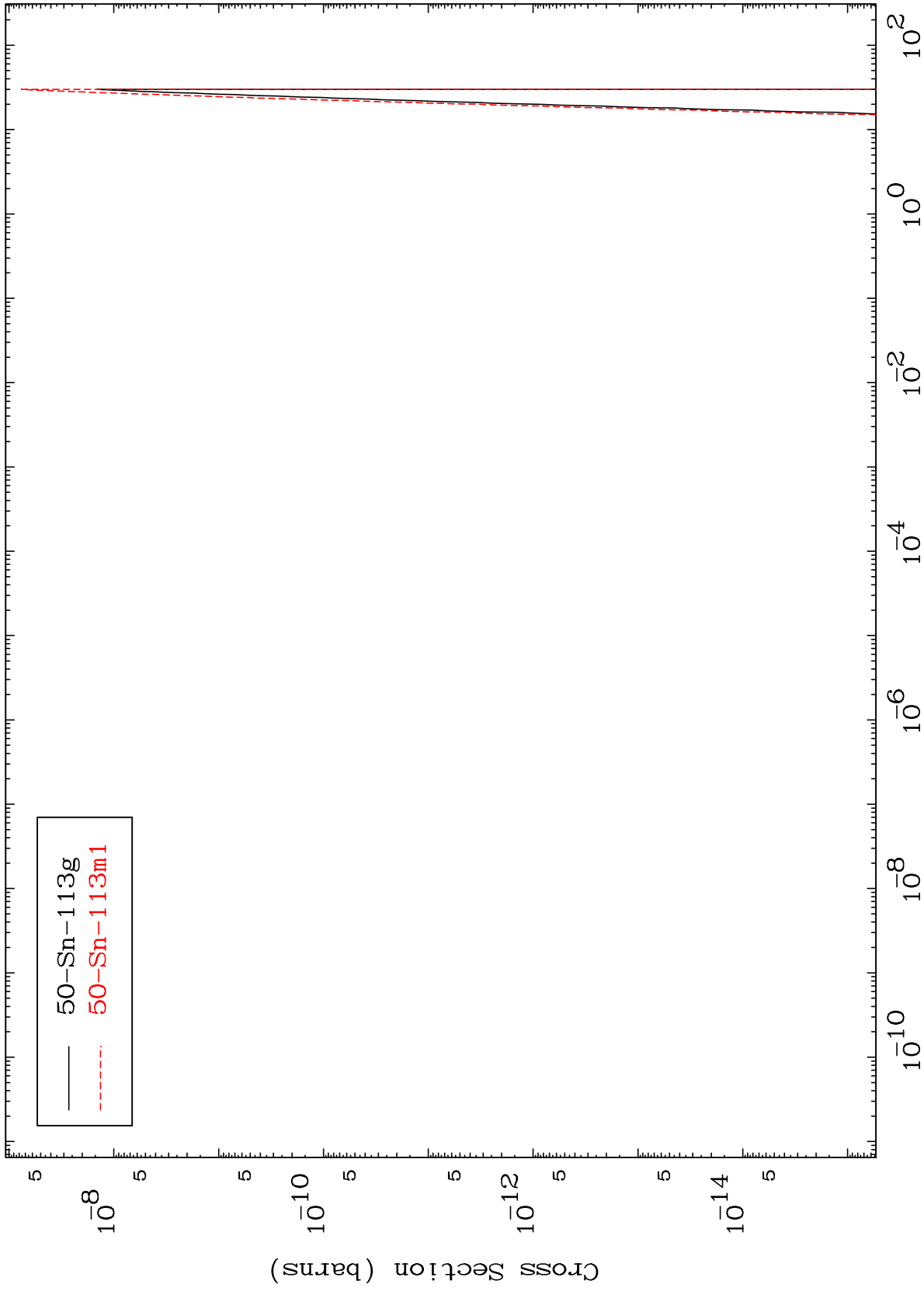
56-Ba-124

MAT 5607

(n,3α)

56-Ba-124

Radionuclide Production Cross Section



88

Incident Energy (MeV)

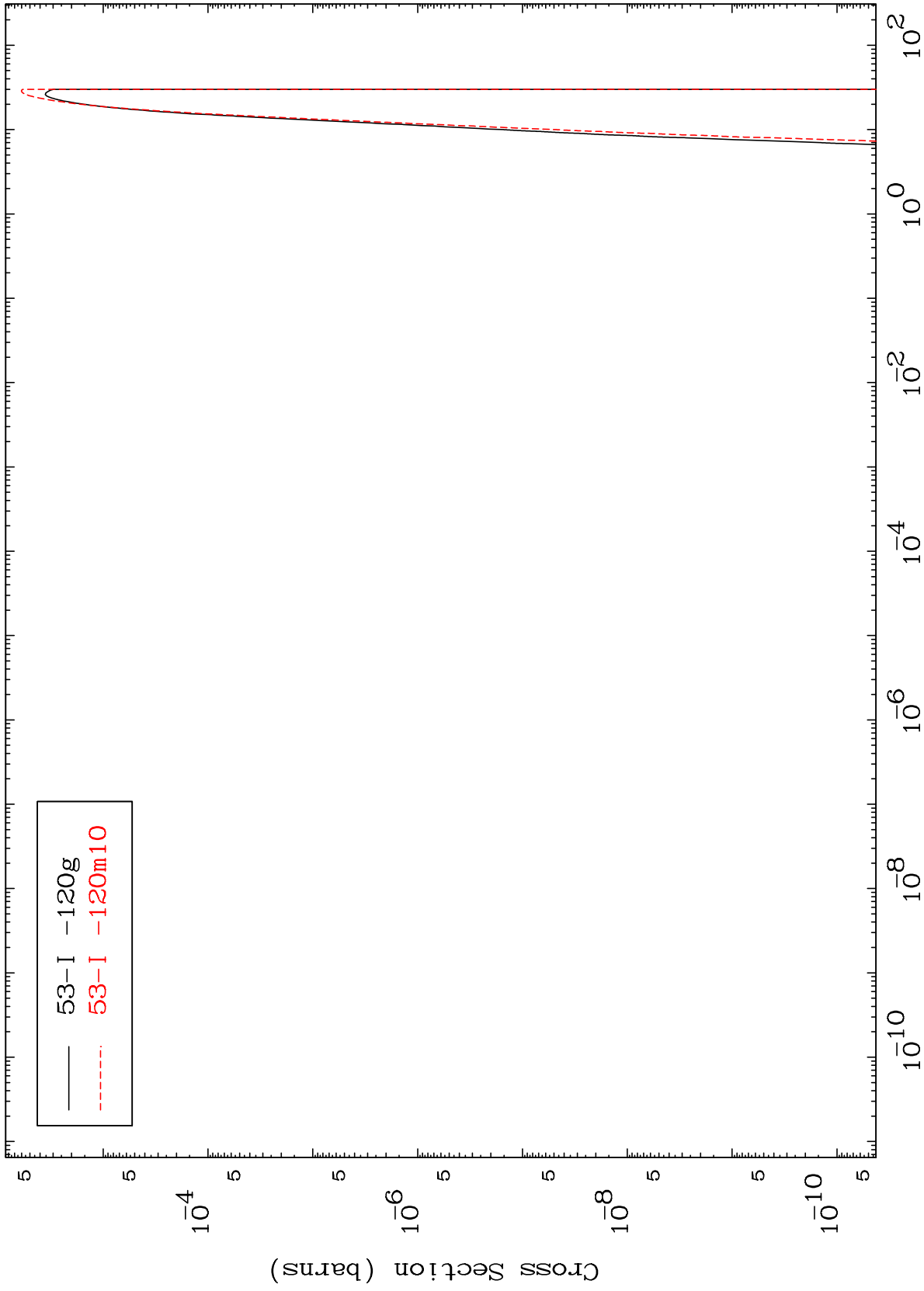
56-Ba-124

MAT 5607

(n,p) α

56-Ba-124

Radionuclide Production Cross Section



89

Incident Energy (MeV)

56-Ba-124