

Program EVALPLOT
(Version 2018-1)

by

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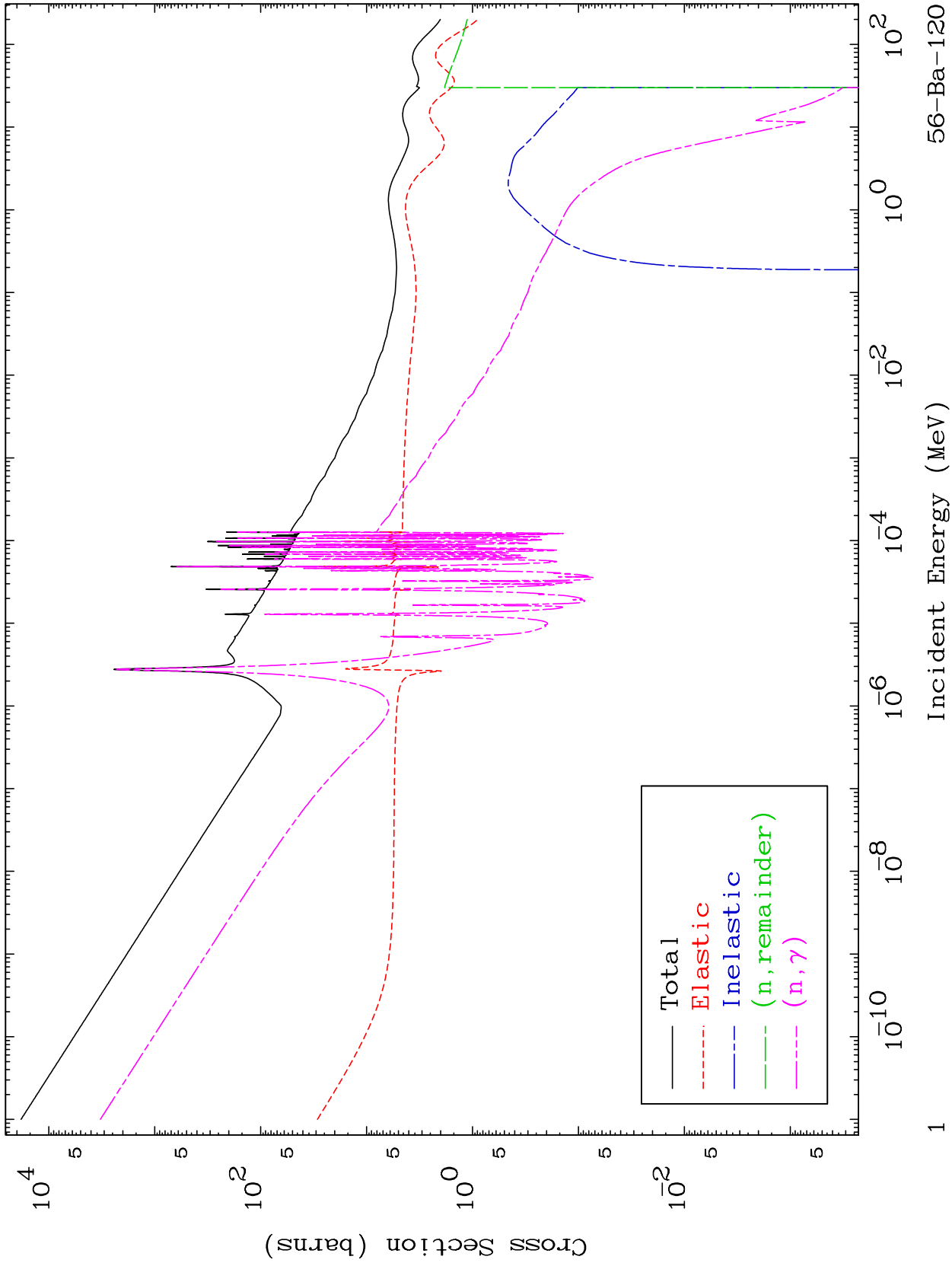
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5595

Major
293 Kelvin Cross Sections

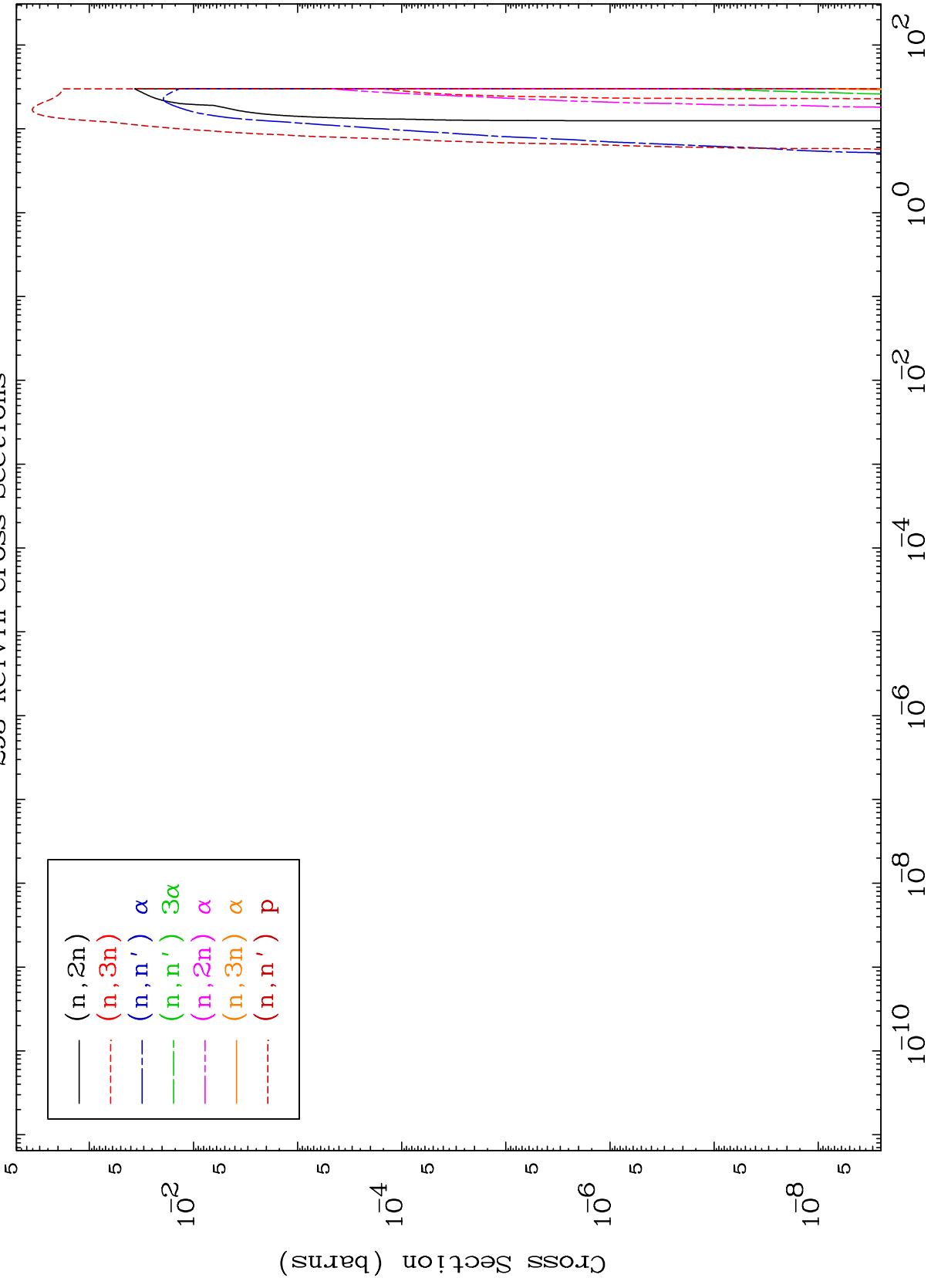
56-Ba-120



MAT 5595

Neutron Production
293 Kelvin Cross Sections

56-Ba-120

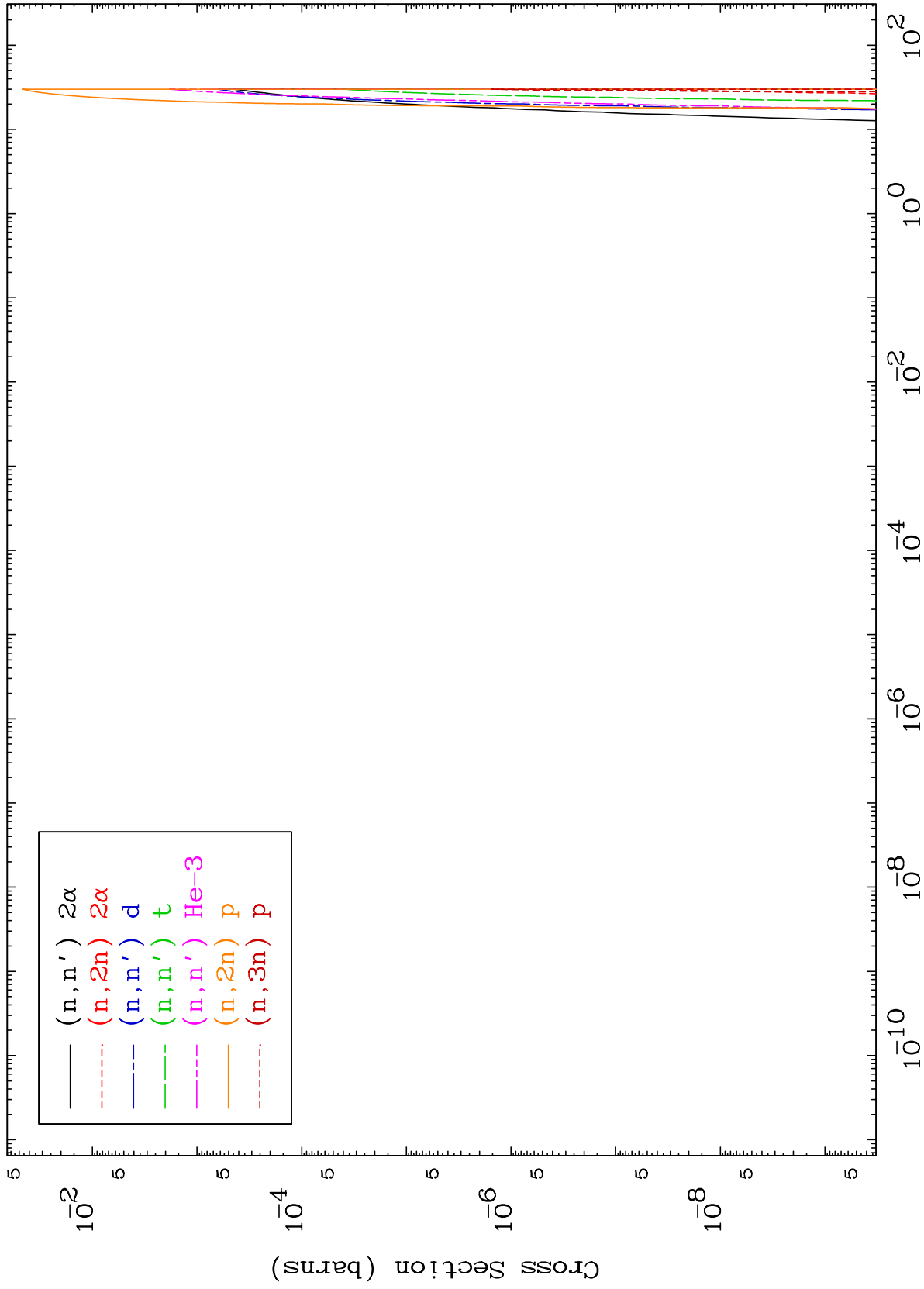


56-Ba-120

MAT 5595

Neutron Production
293 Kelvin Cross Sections

56-Ba-120



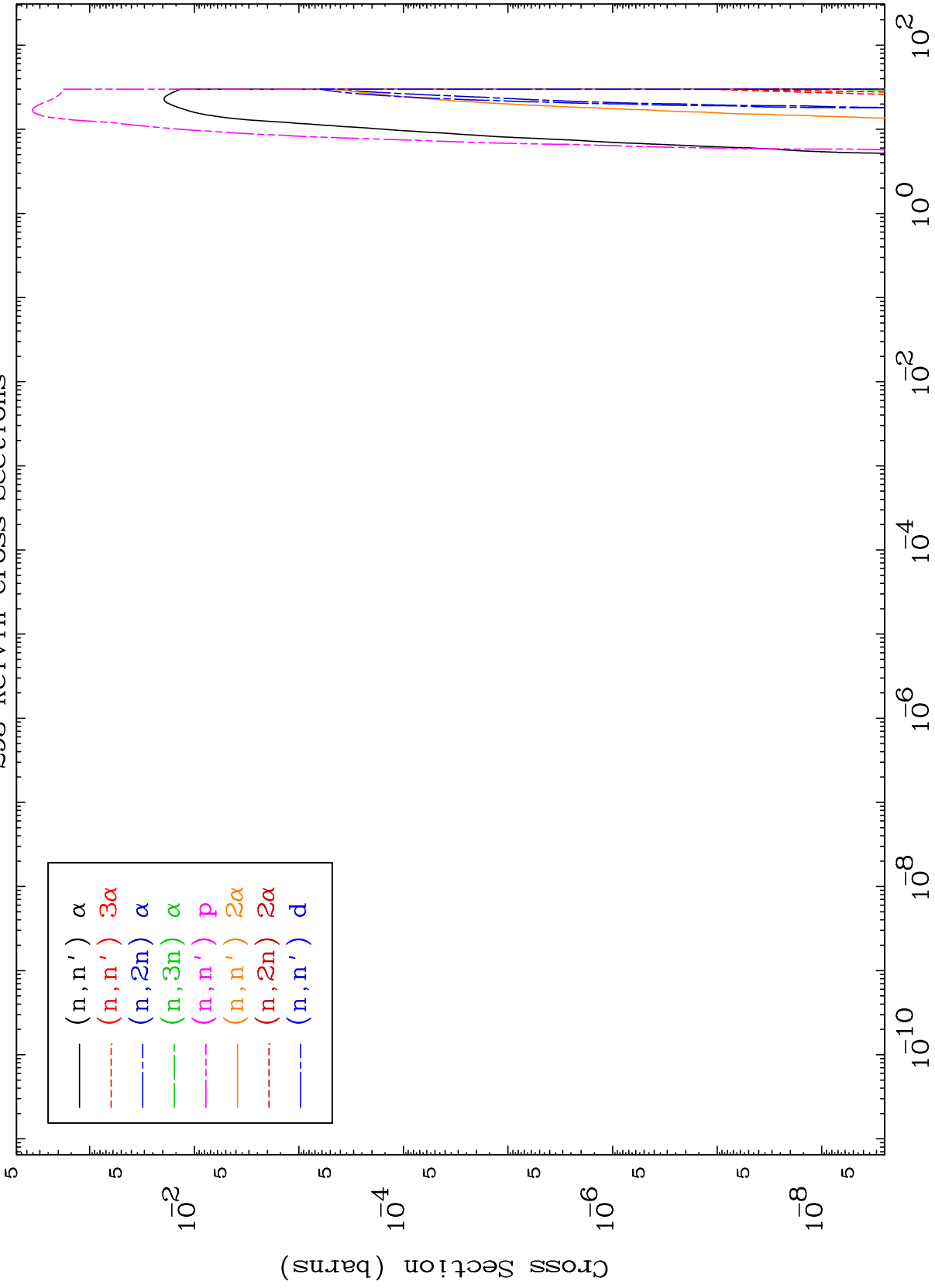
3

56-Ba-120

MAT 5595

293 Charged Particle
Kelvin Cross Sections

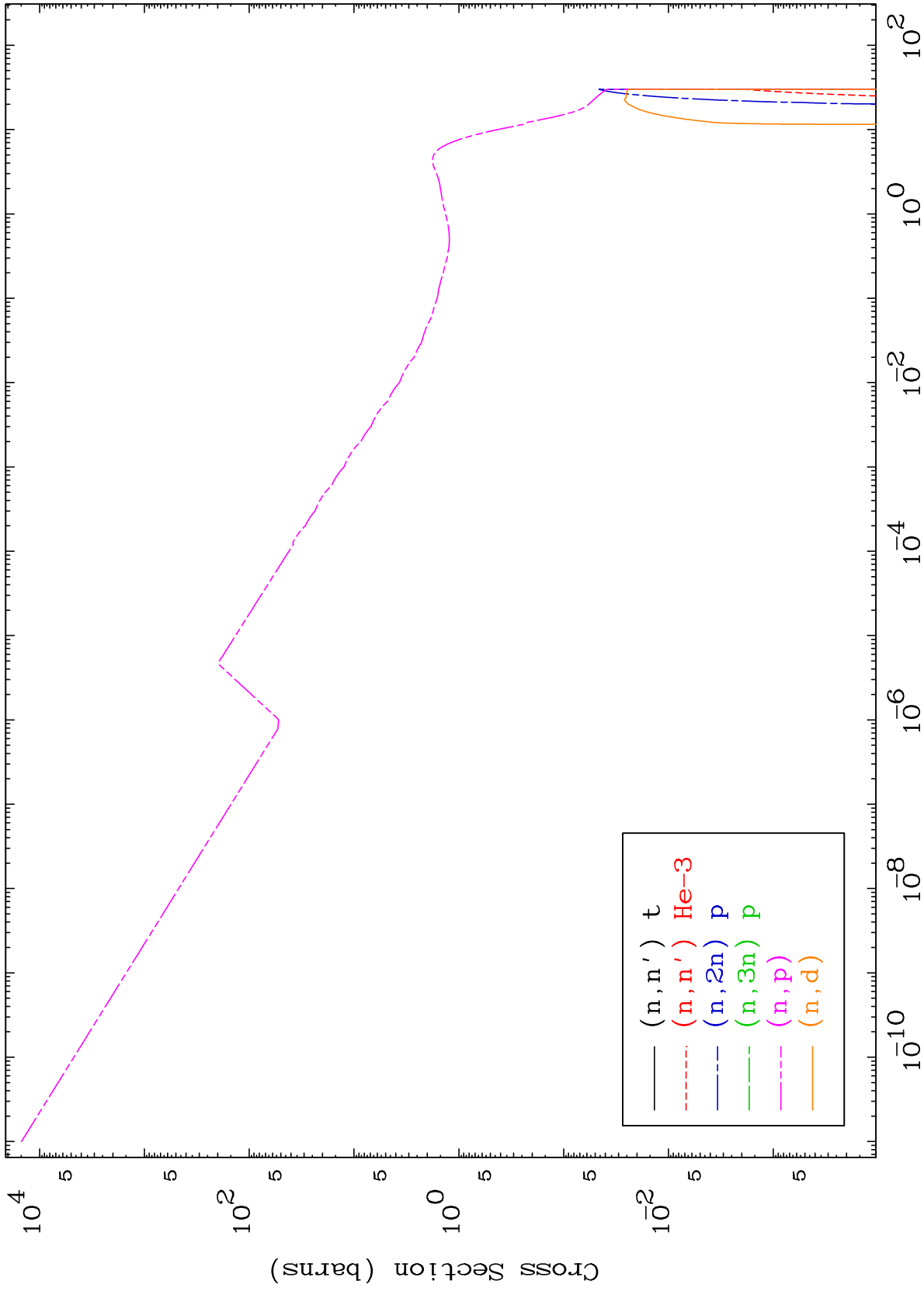
56-Ba-120



MAT 5595

Charged Particle
293 Kelvin Cross Sections

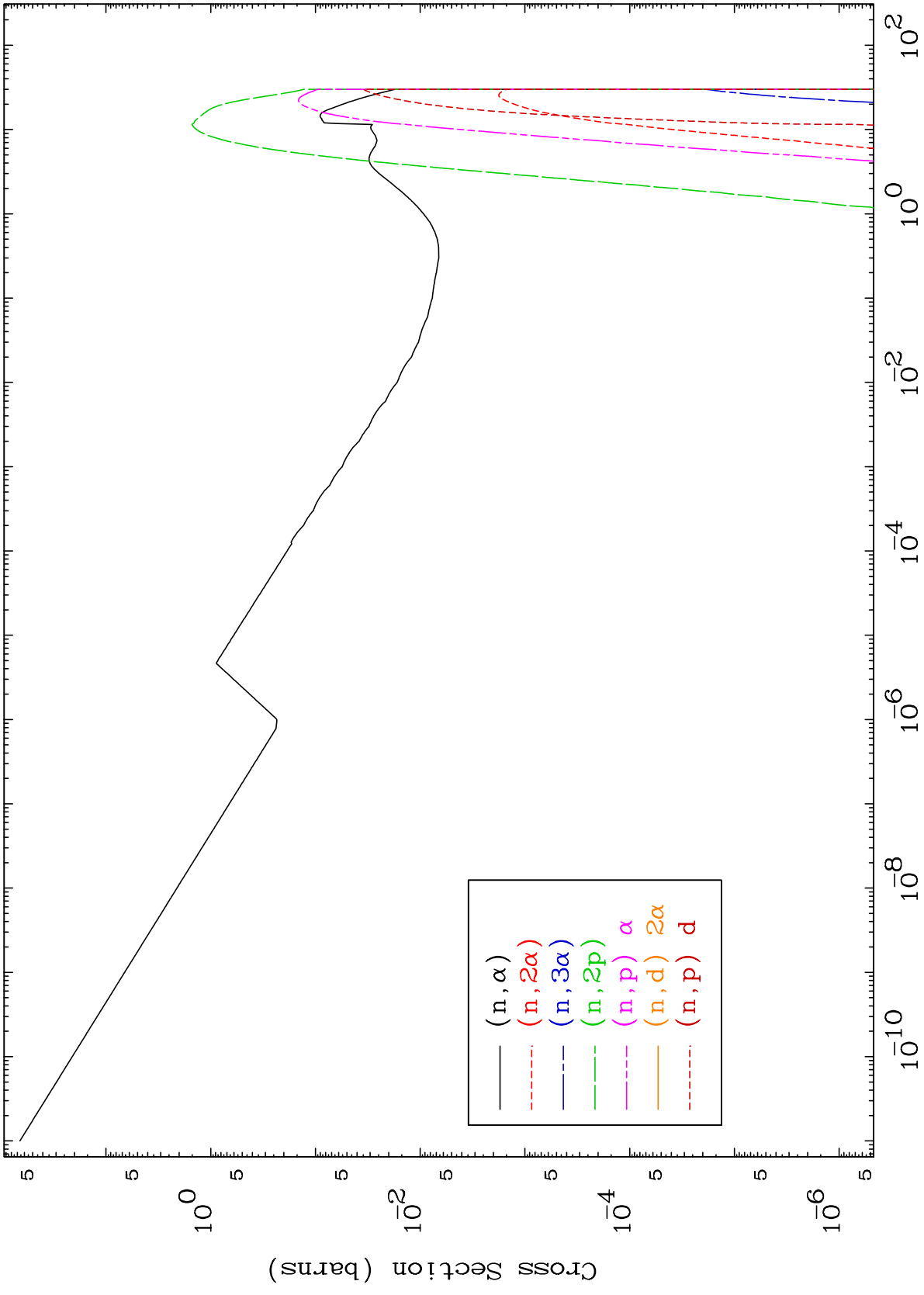
56-Ba-120



MAT 5595

Charged Particle
293 Kelvin Cross Sections

56-Ba-120

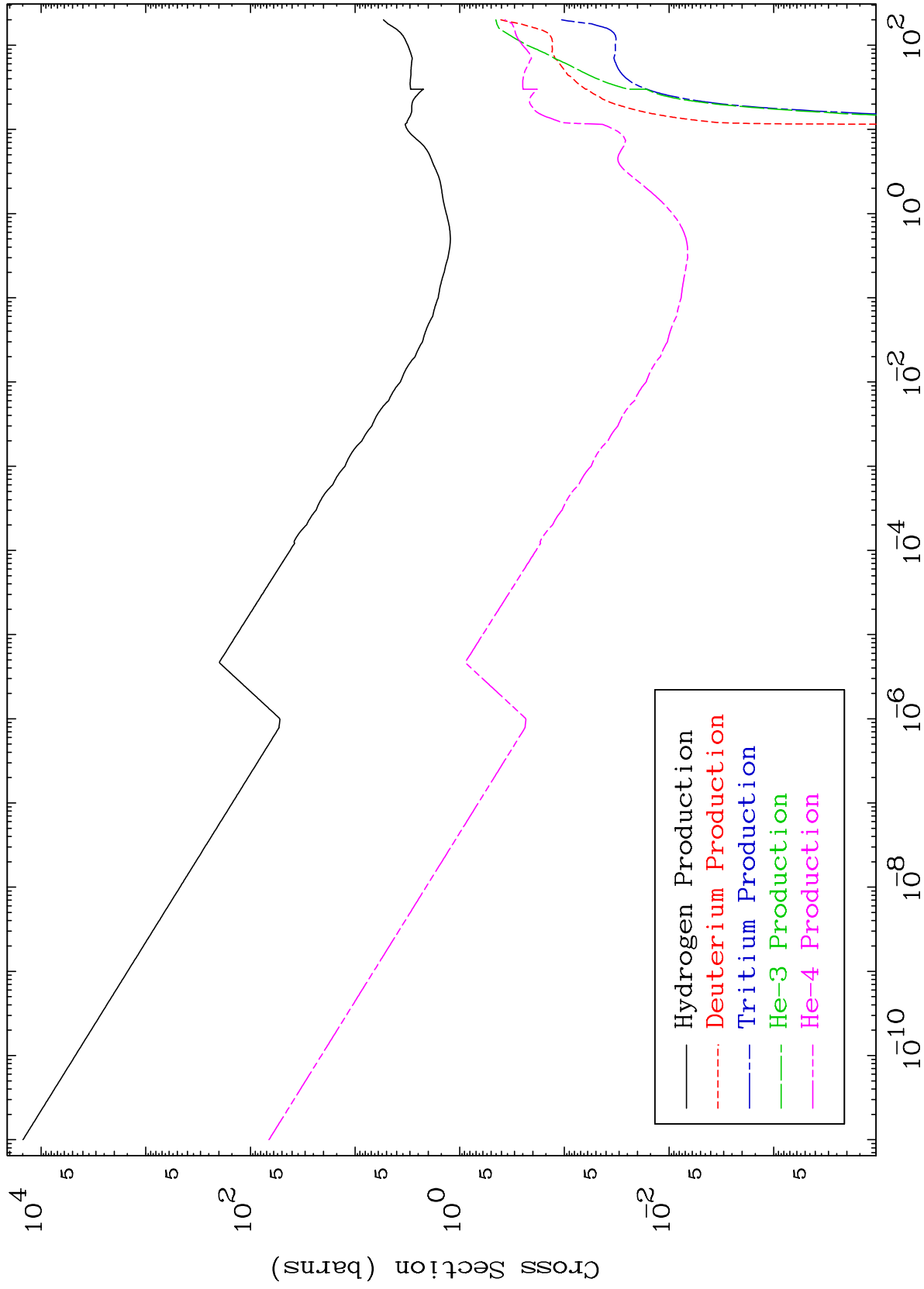


56-Ba-120

MAT 5595

Particle Production
293 Kelvin Cross Sections

56-Ba-120

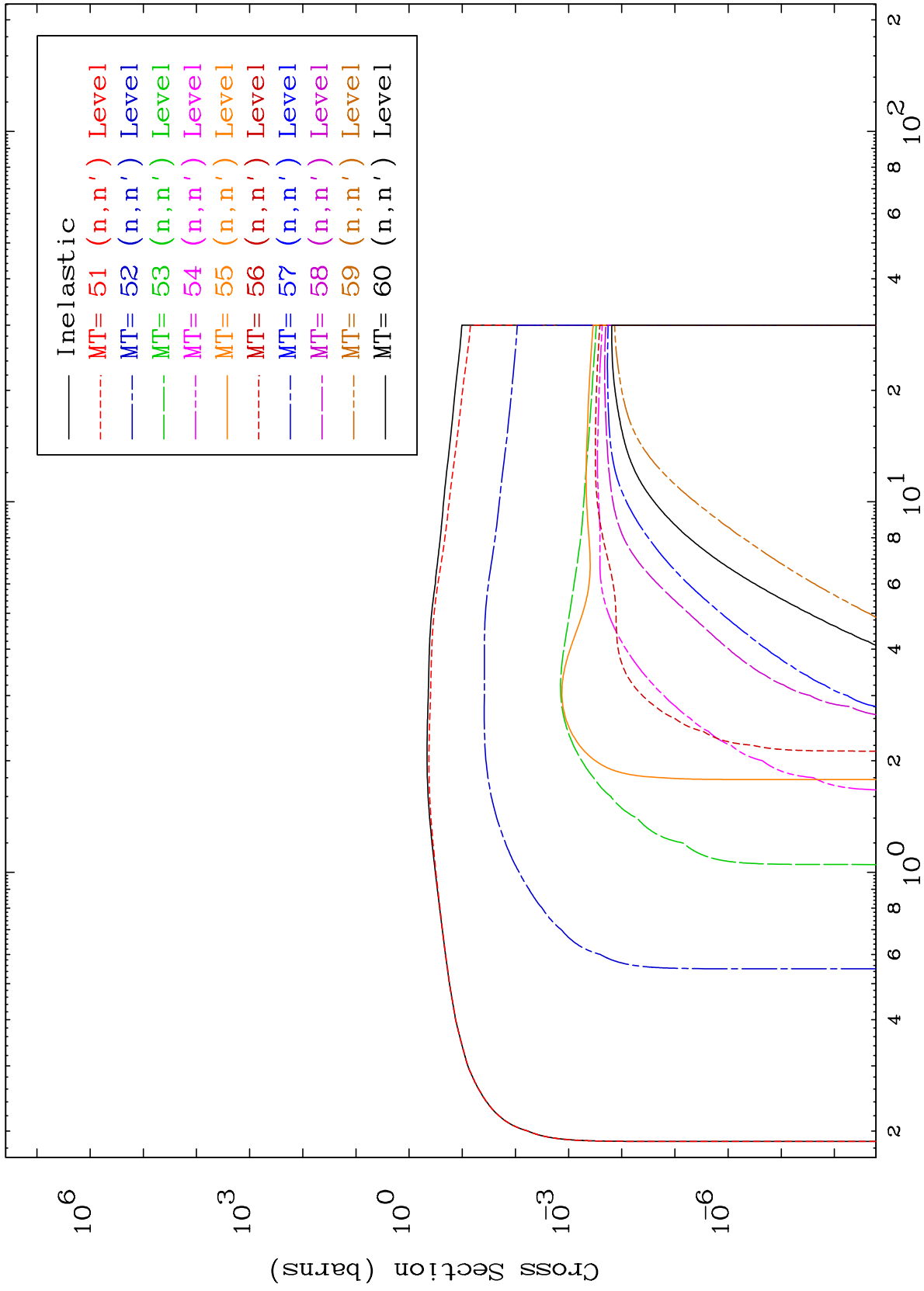


MAT 5595

(n,n') Level

56-Ba-120

293 Kelvin Cross Sections



8

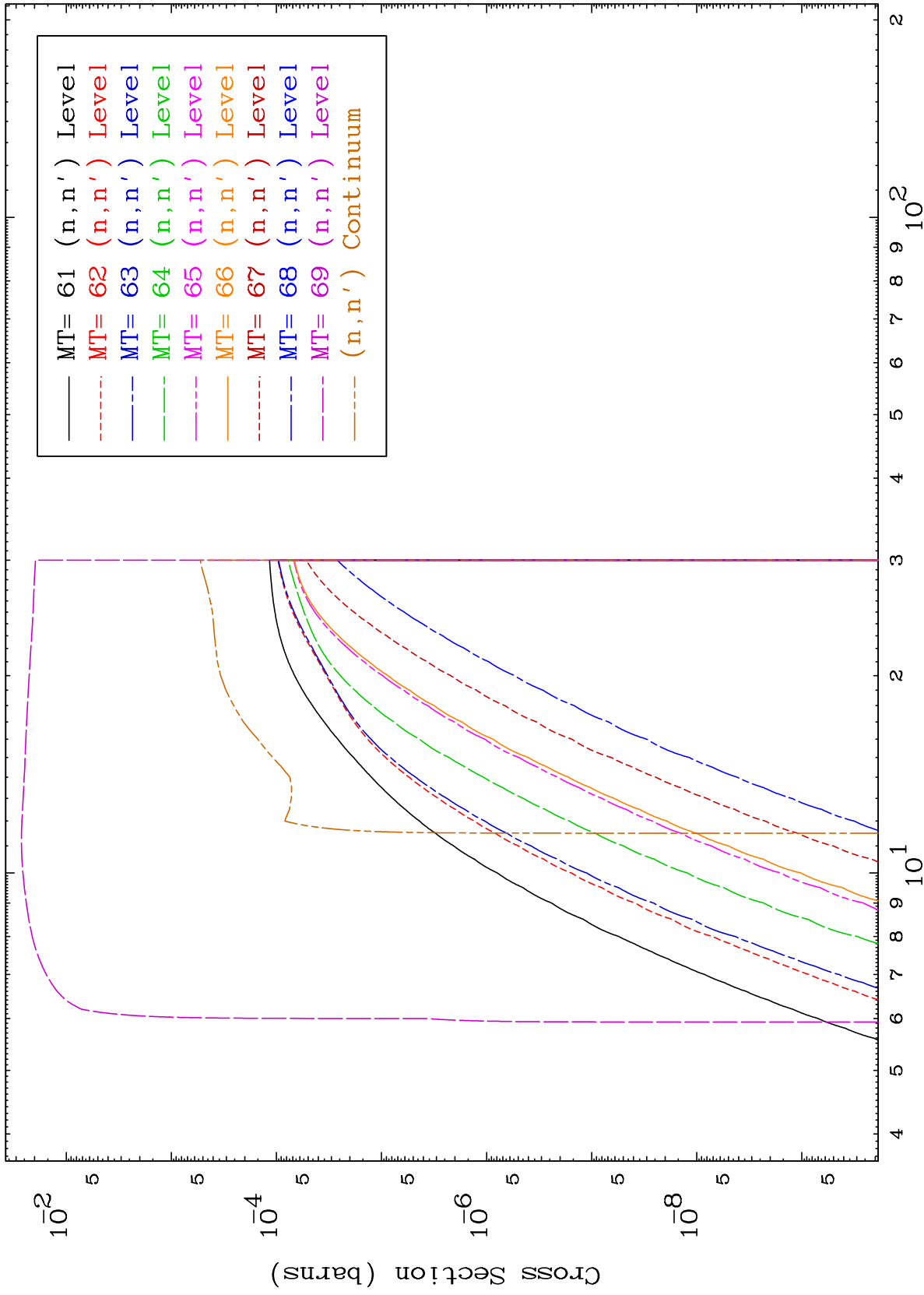
Incident Energy (MeV)

56-Ba-120

MAT 5595

(n,n') Level
293 Kelvin Cross Sections

56-Ba-120



9

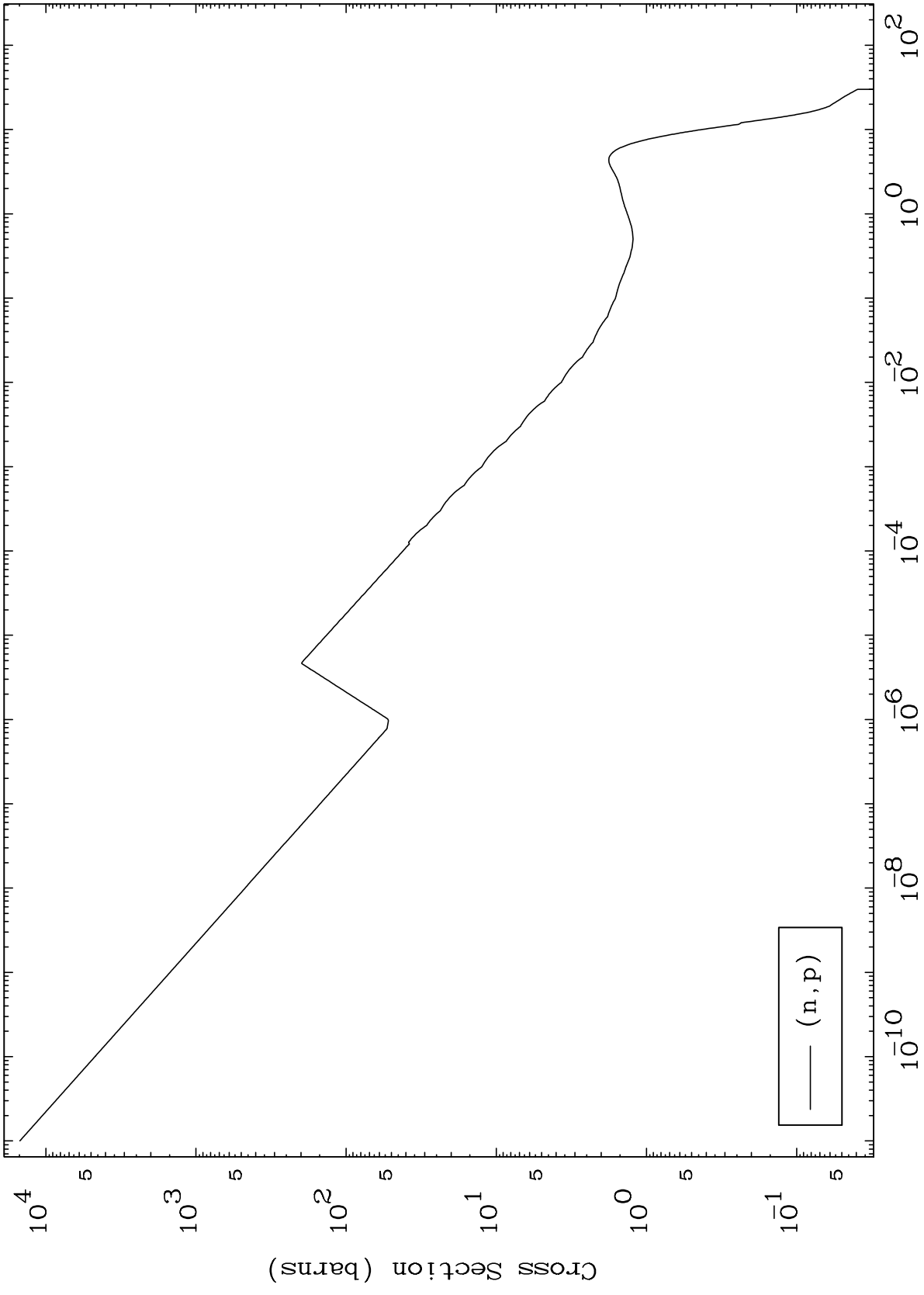
Incident Energy (MeV)

56-Ba-120

MAT 5595

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-120



10

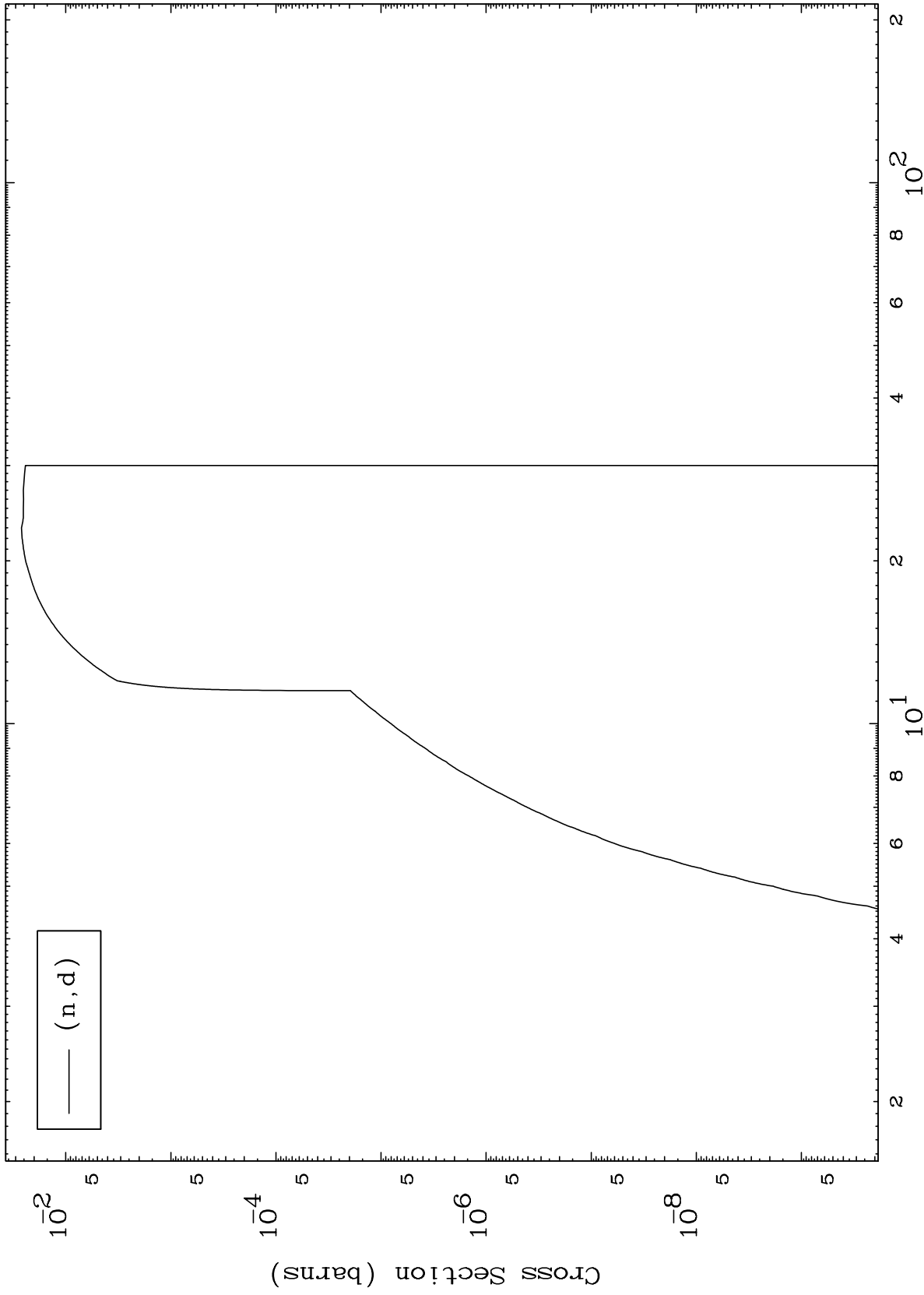
Incident Energy (MeV)

56-Ba-120

MAT 5595

(n,d) Levels
293 Kelvin Cross Sections

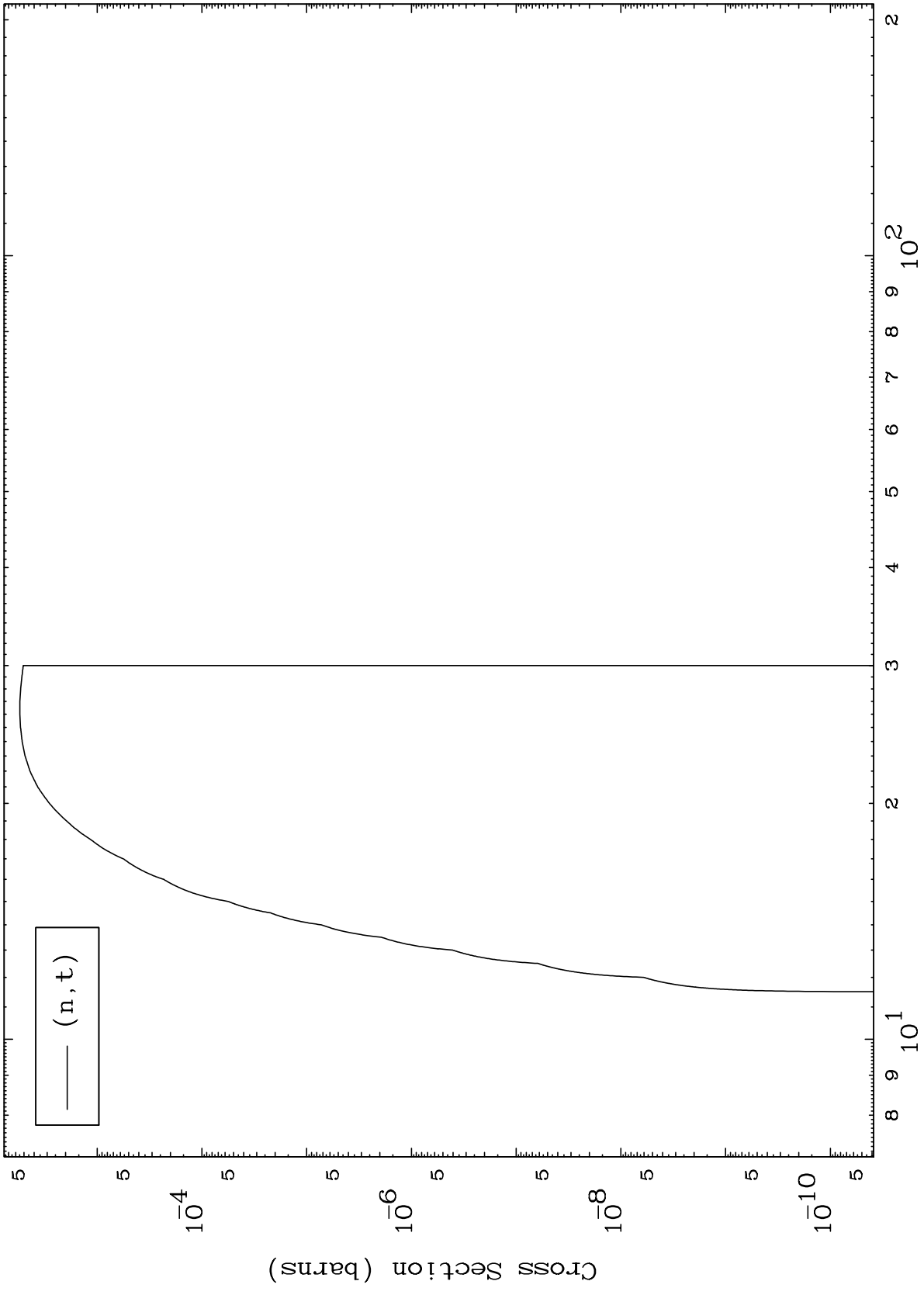
56-Ba-120



MAT 5595

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-120



12

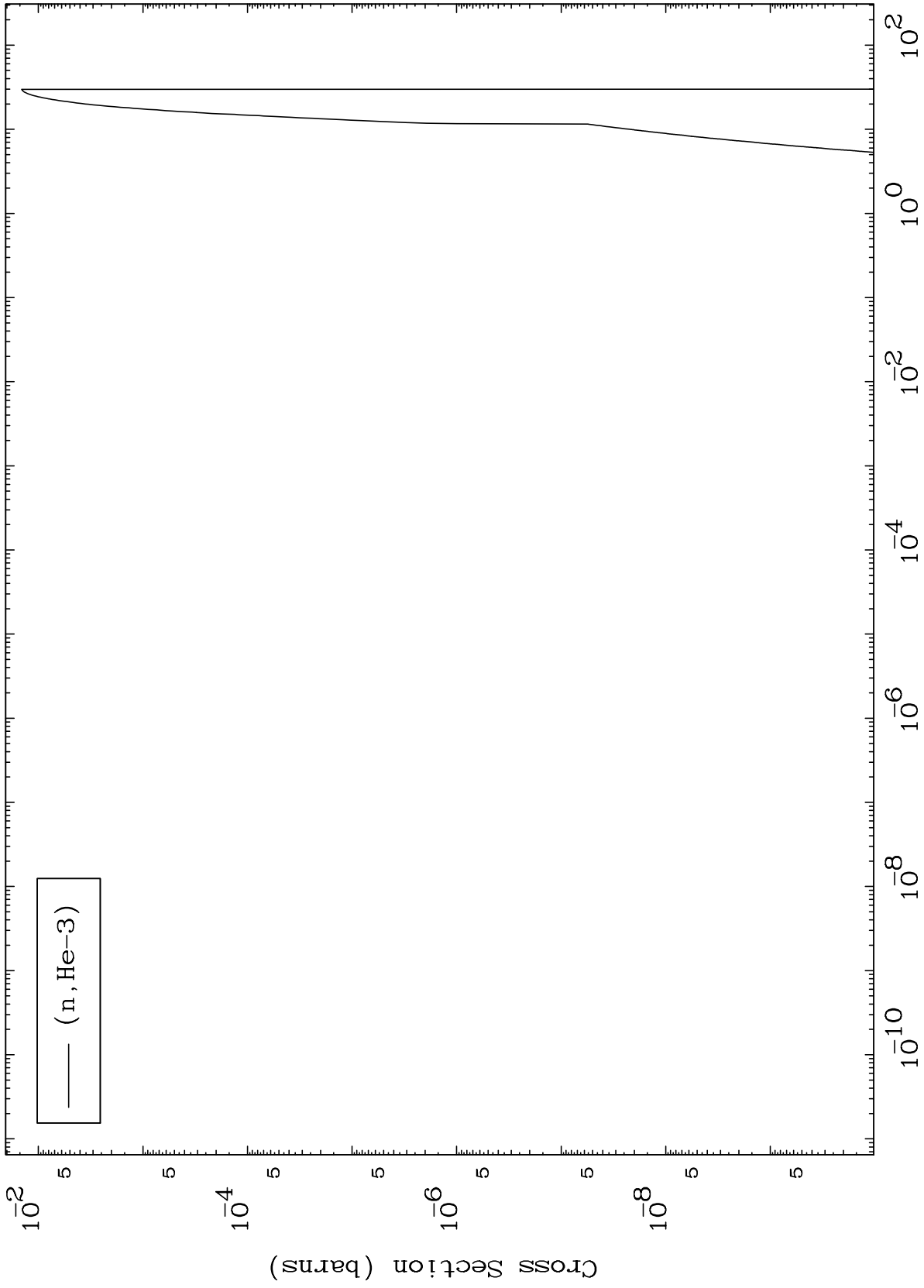
Incident Energy (MeV)

56-Ba-120

MAT 5595

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-120



13

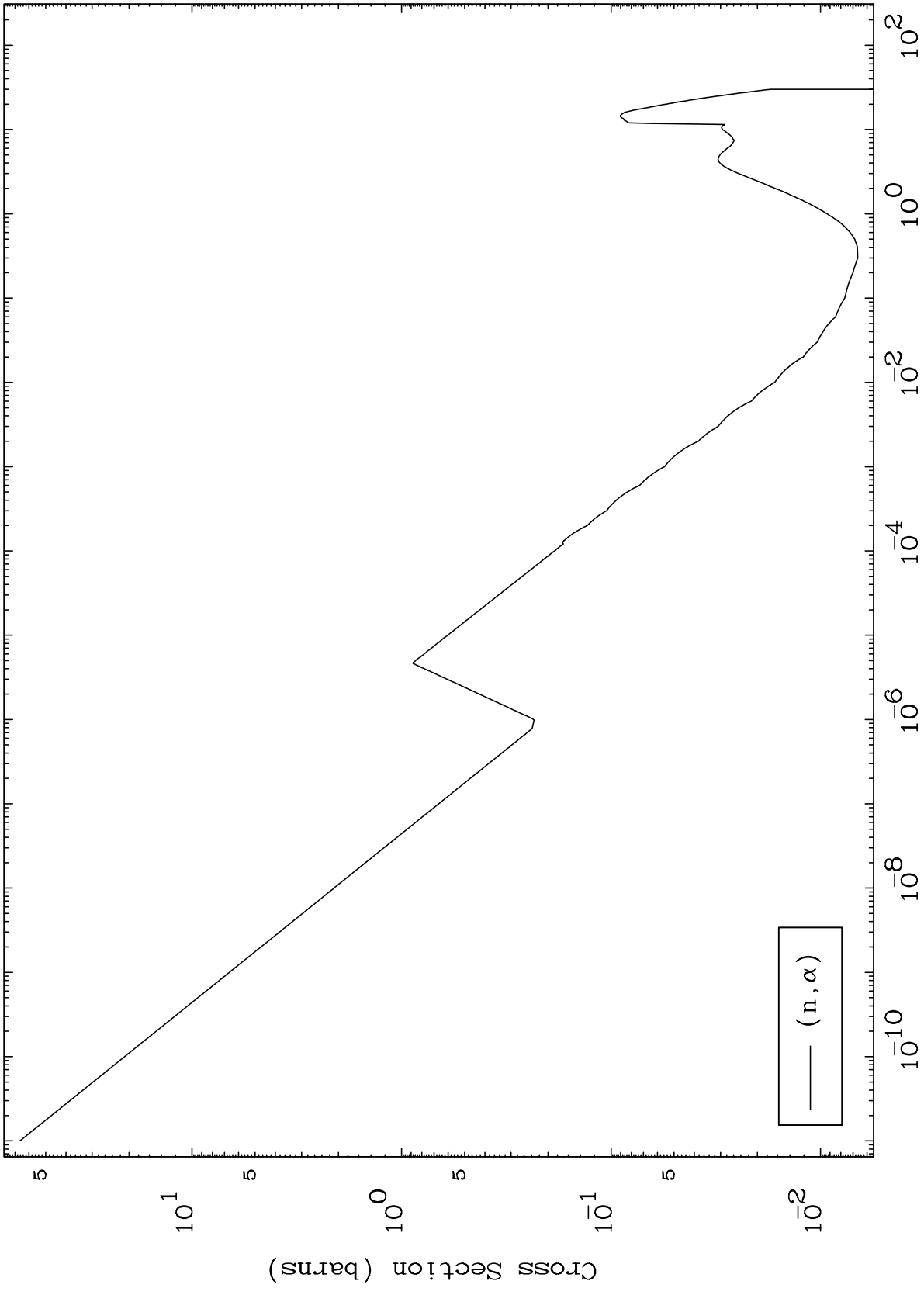
Incident Energy (MeV)

56-Ba-120

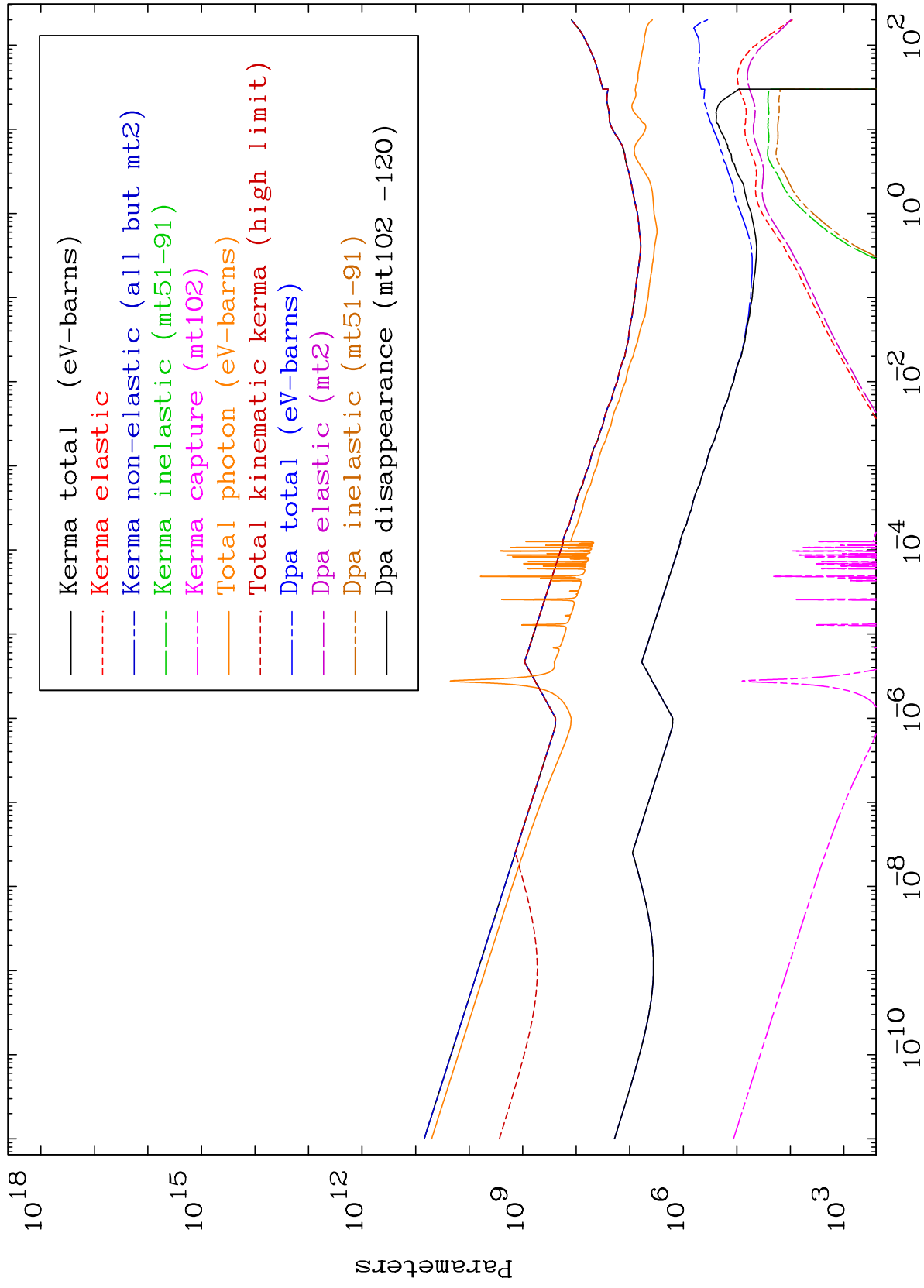
MAT 5595

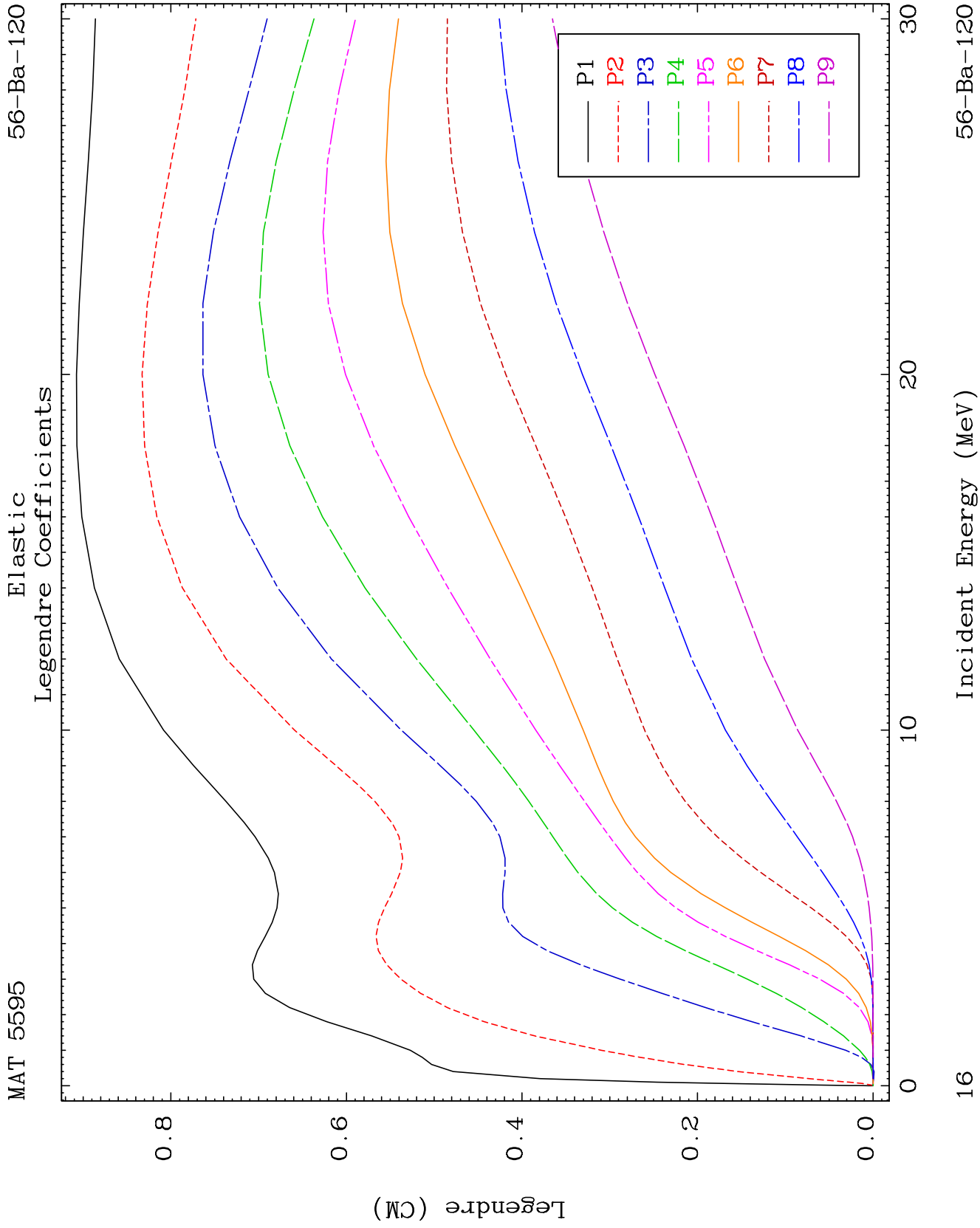
(n,α) Levels
293 Kelvin Cross Sections

56-Ba-120



— (n,α)

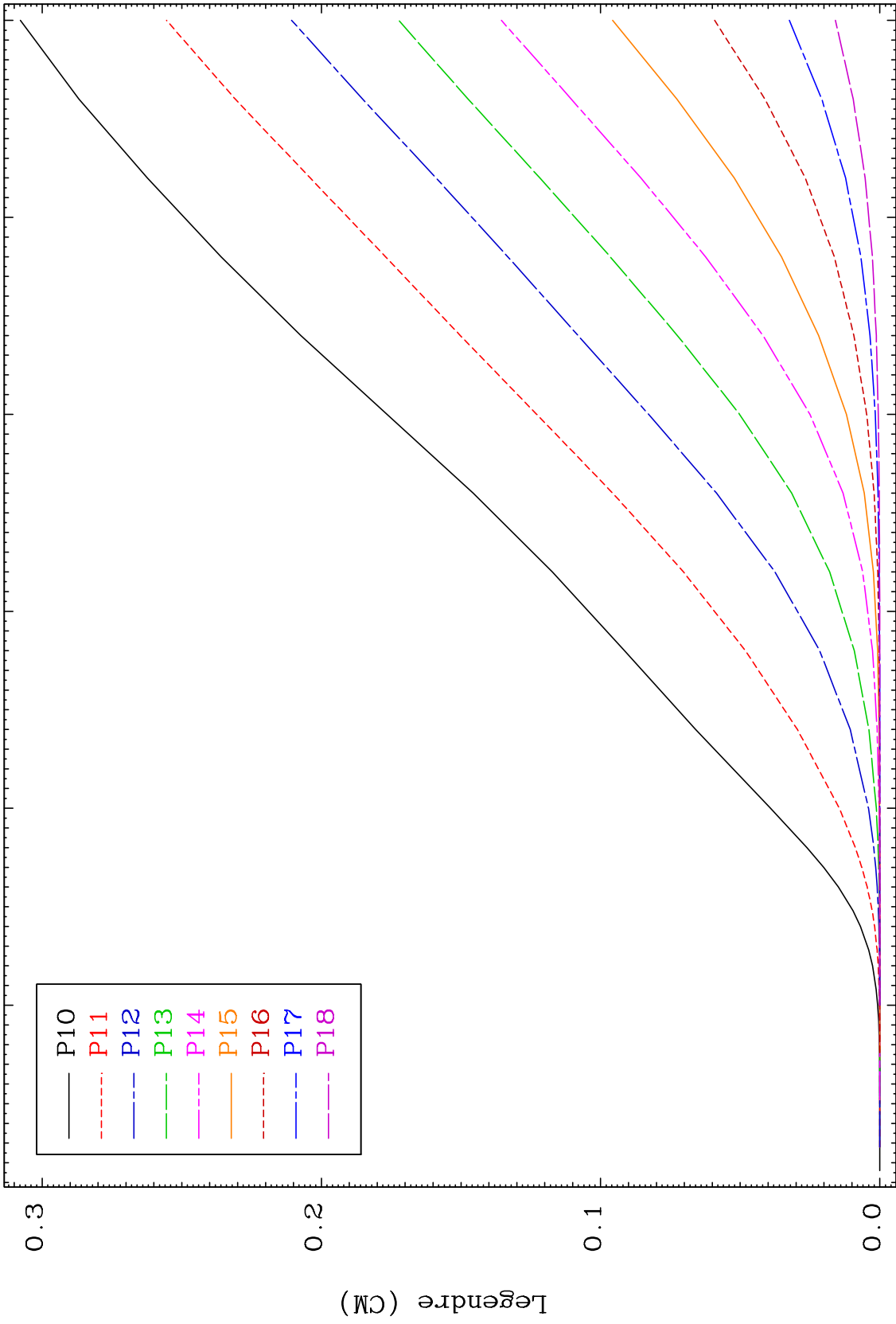




MAT 5595

Elastic Legendre Coefficients

56-Ba-120



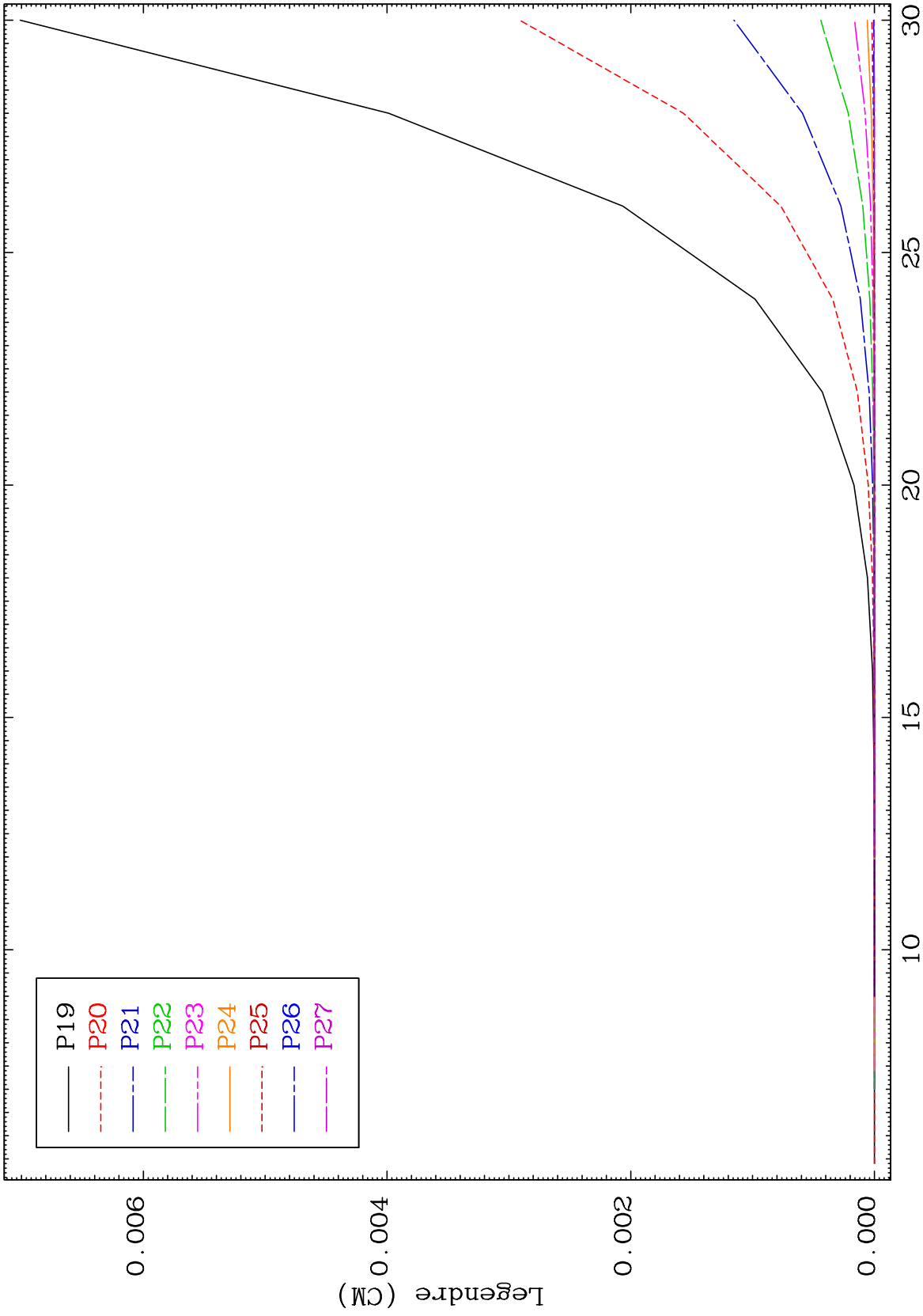
17

56-Ba-120

MAT 5595

Elastic Legendre Coefficients

56-Ba-120



18

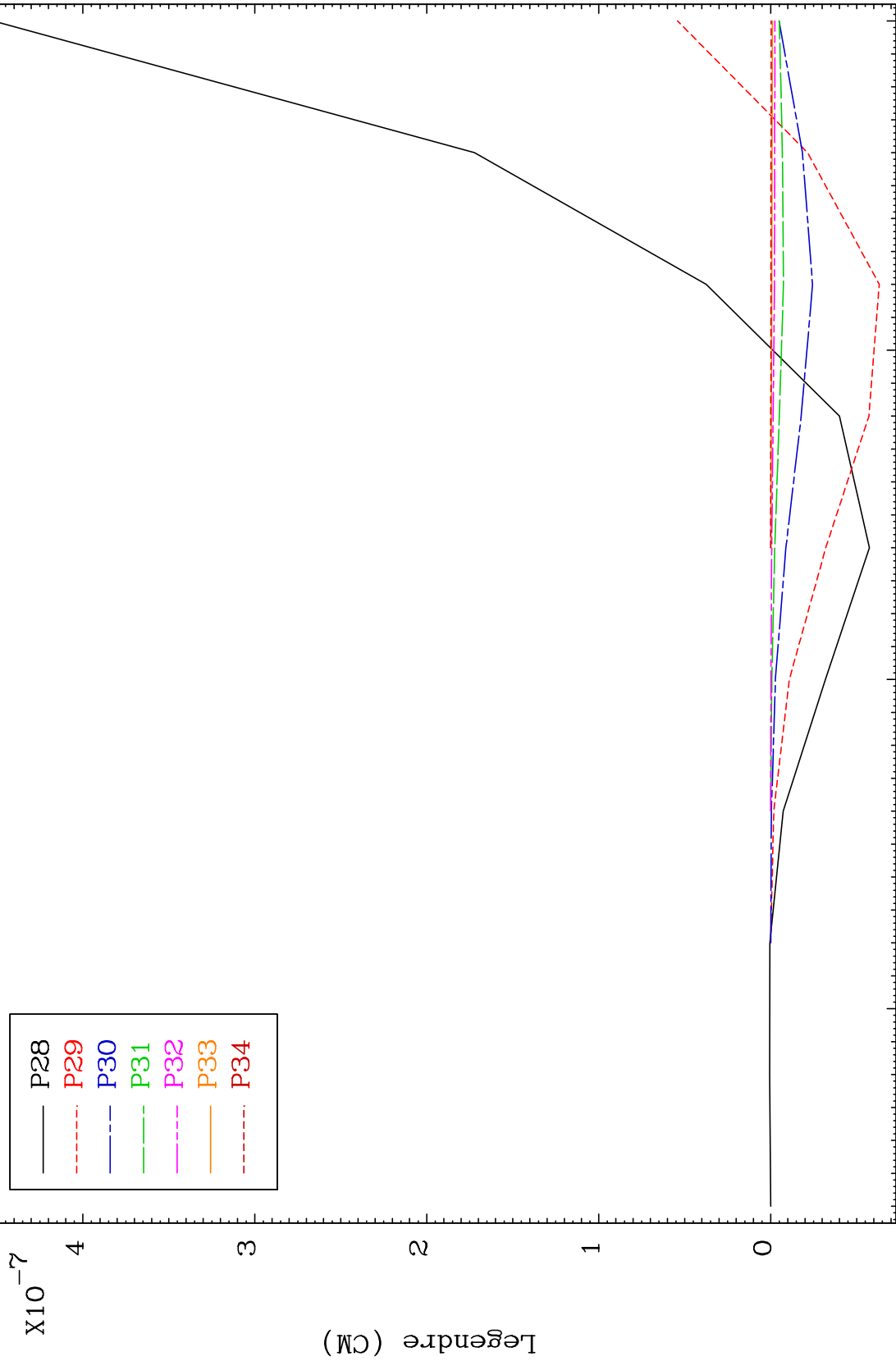
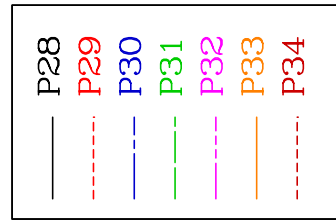
Incident Energy (MeV)

56-Ba-120

MAT 5595

Elastic Legendre Coefficients

56-Ba-120



19

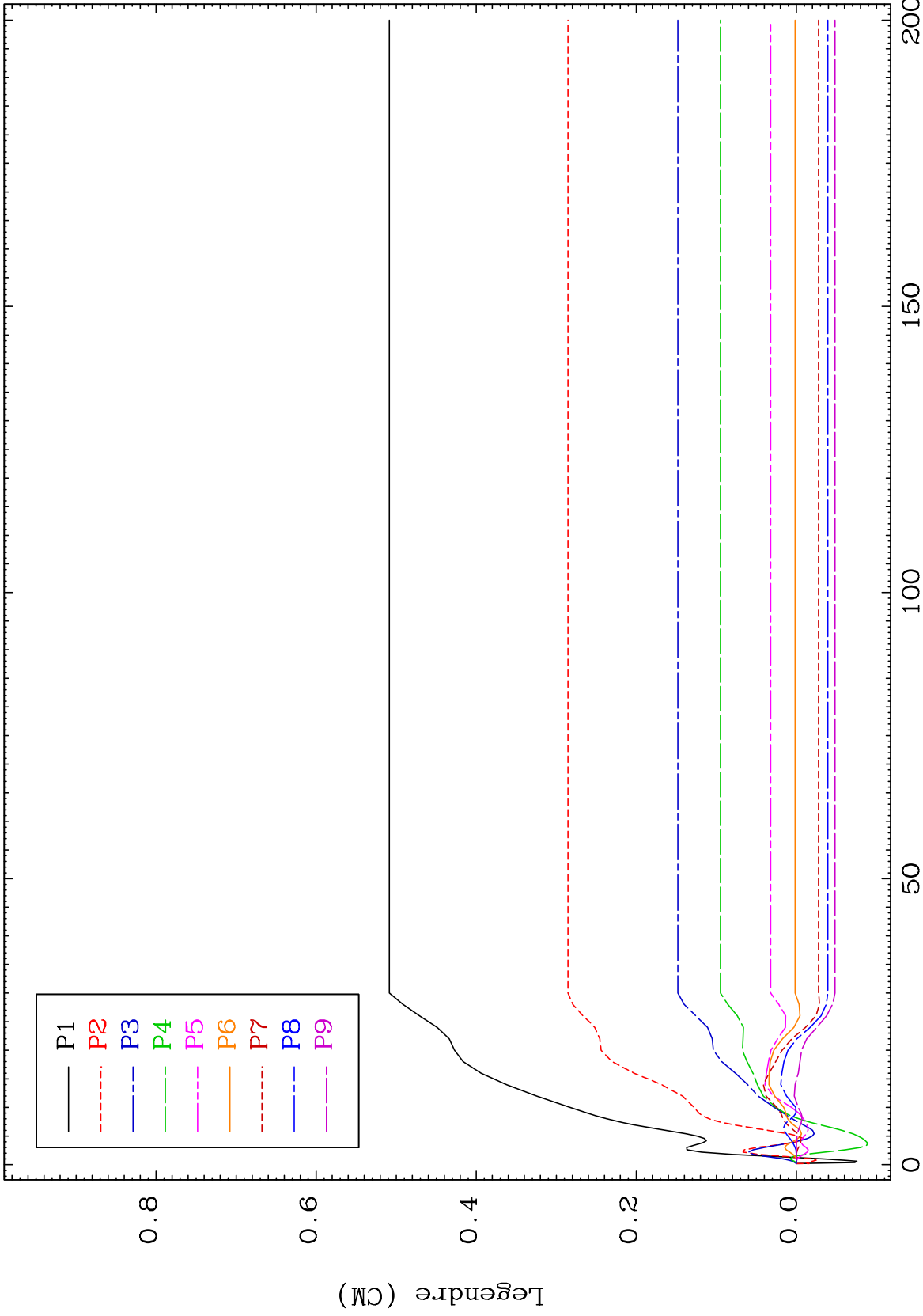
Incident Energy (MeV)

56-Ba-120

MAT 5595

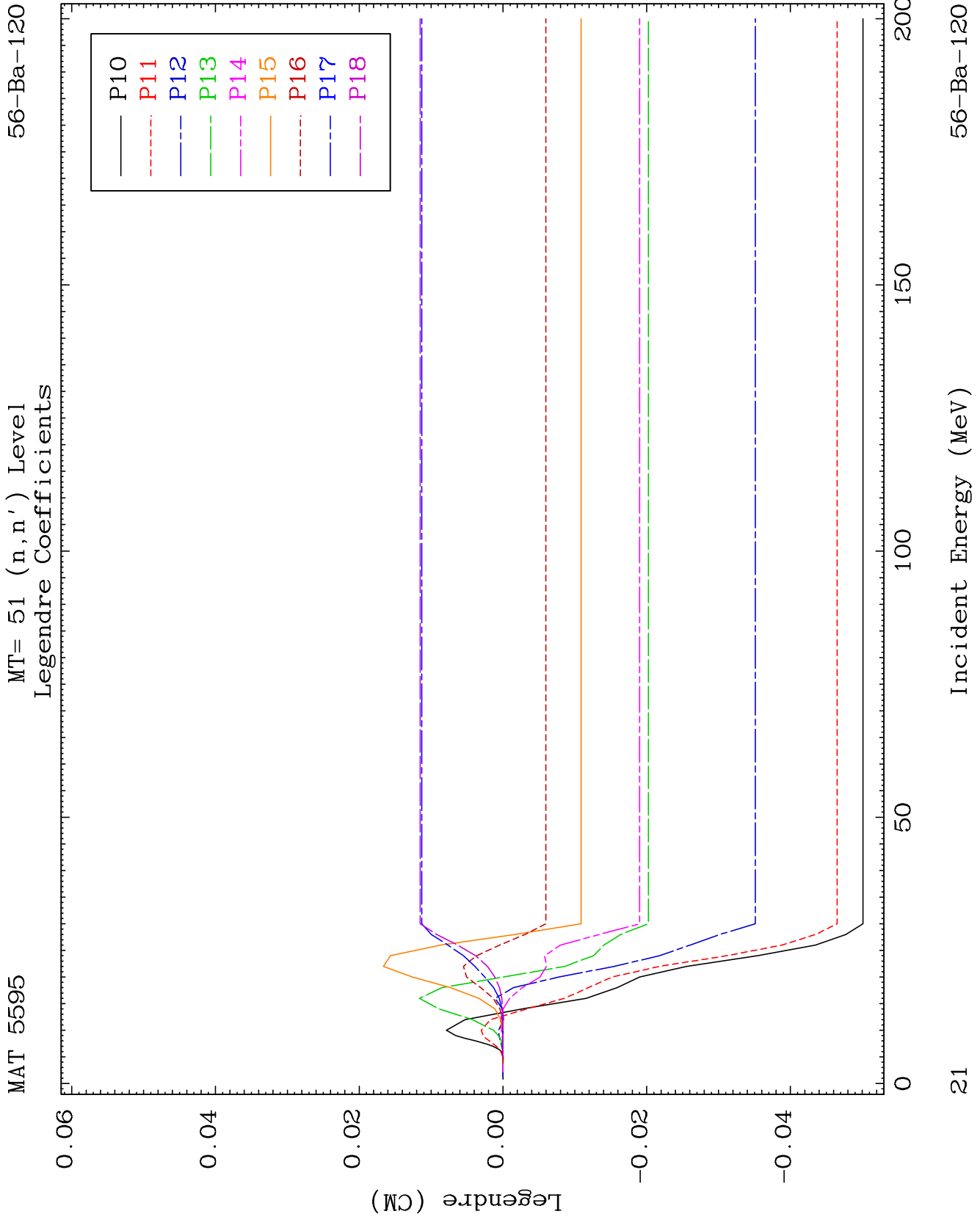
MT= 51 (n,n') Level
Legendre Coefficients

56-Ba-120

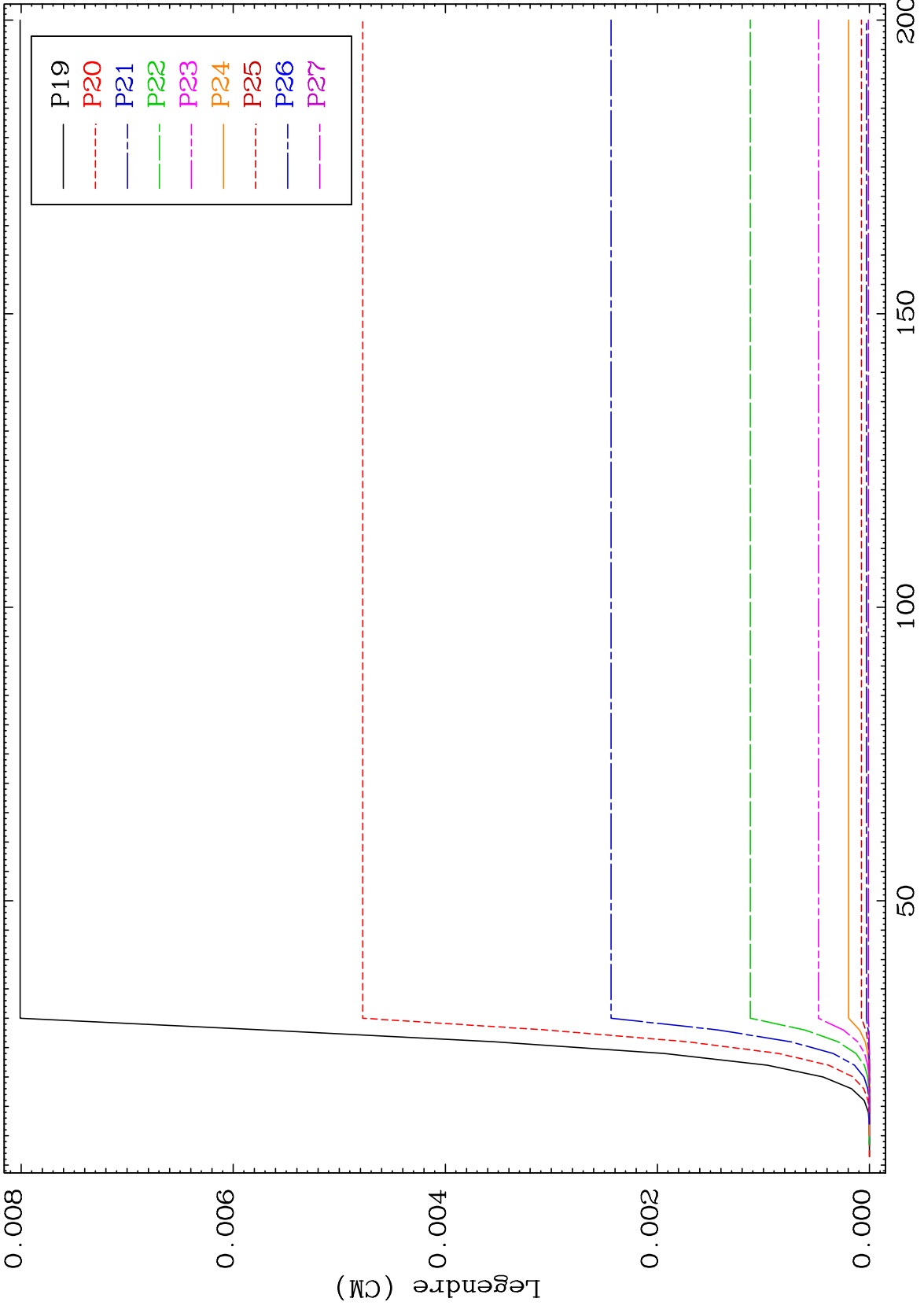


56-Ba-120

Incident Energy (MeV)



MAT 5595 MT= 51 (n,n') Level Legendre Coefficients 56-Ba-120

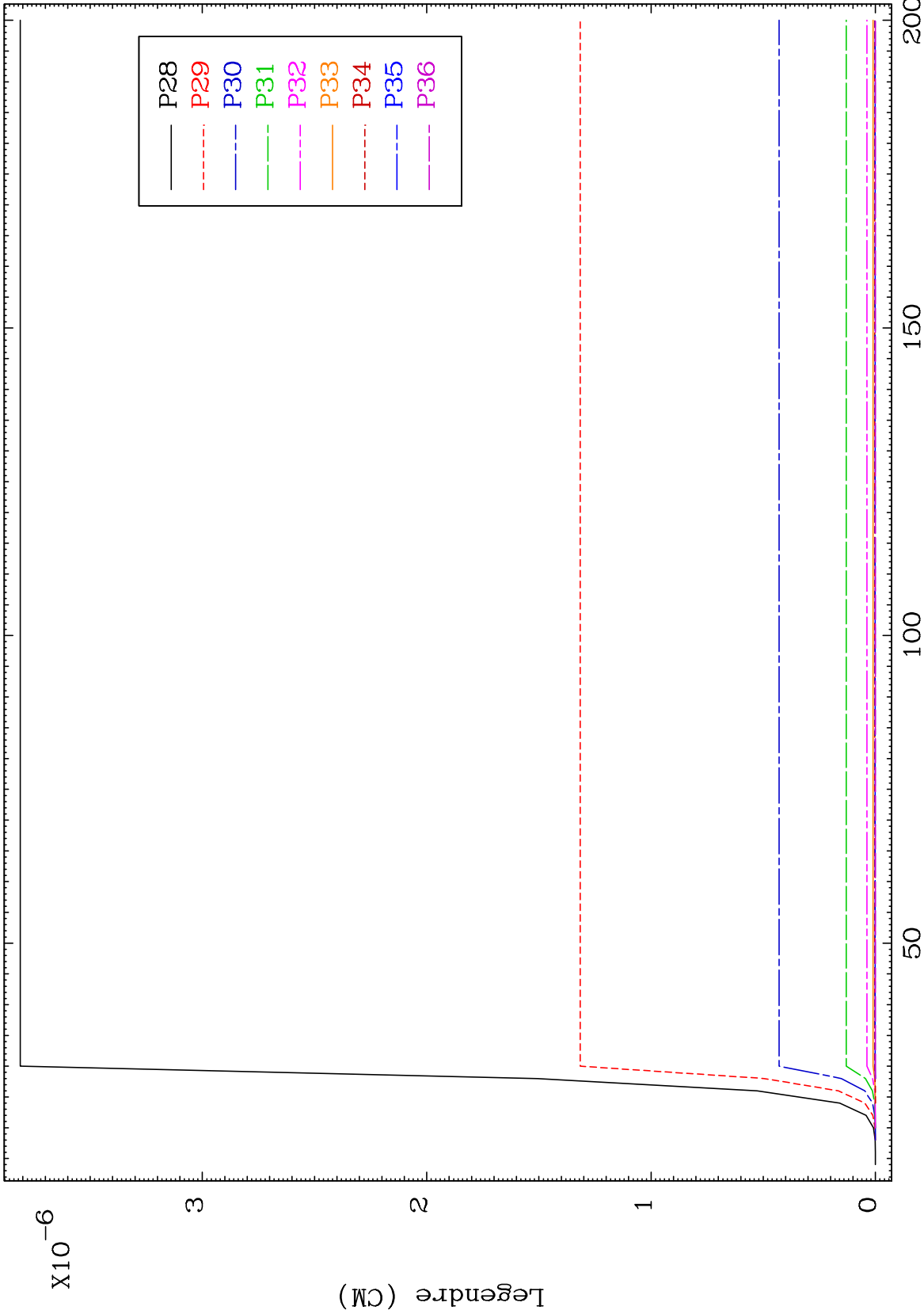


22 Incident Energy (MeV) 56-Ba-120

MAT 5595

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

56-Ba-120



23

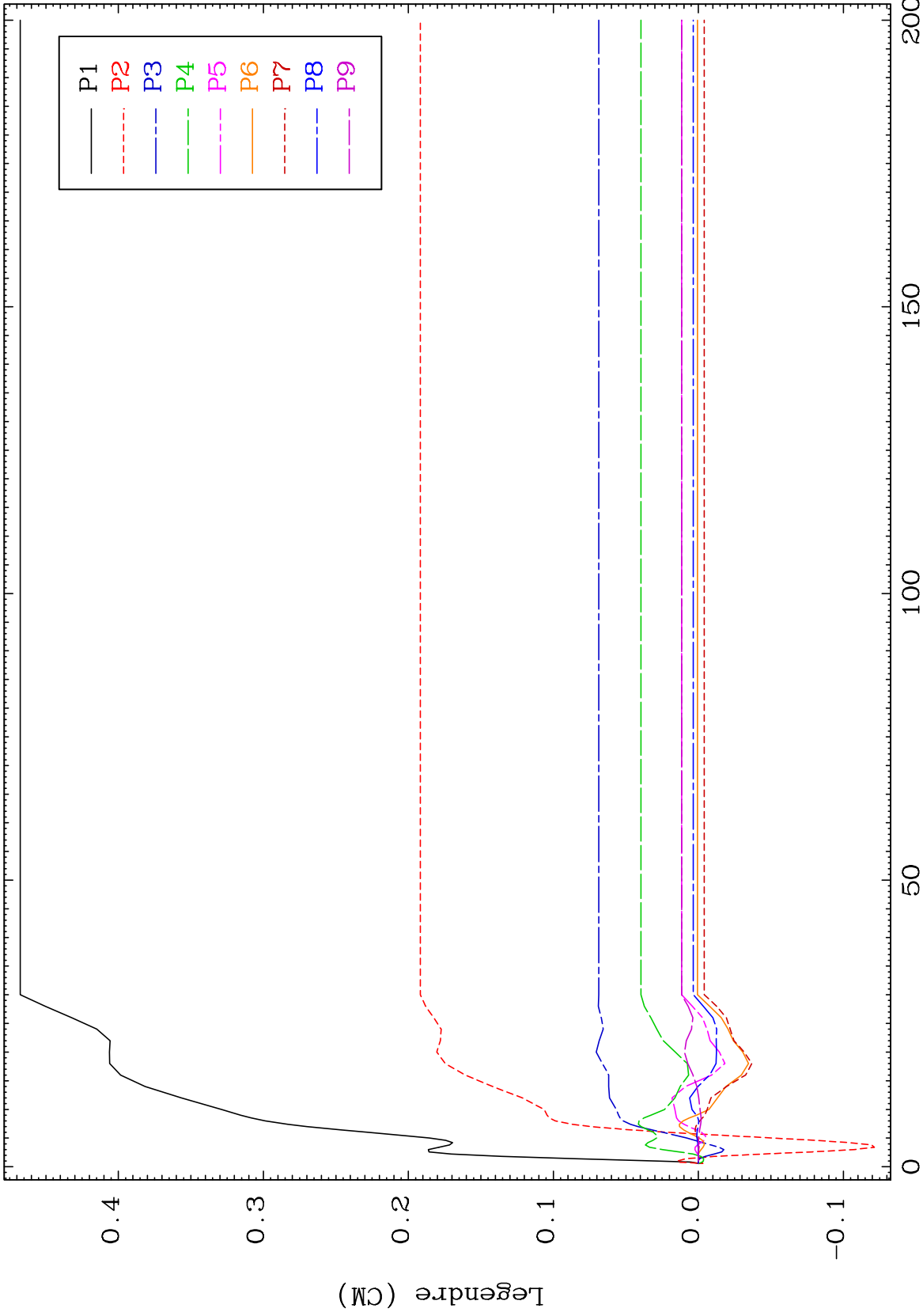
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



24

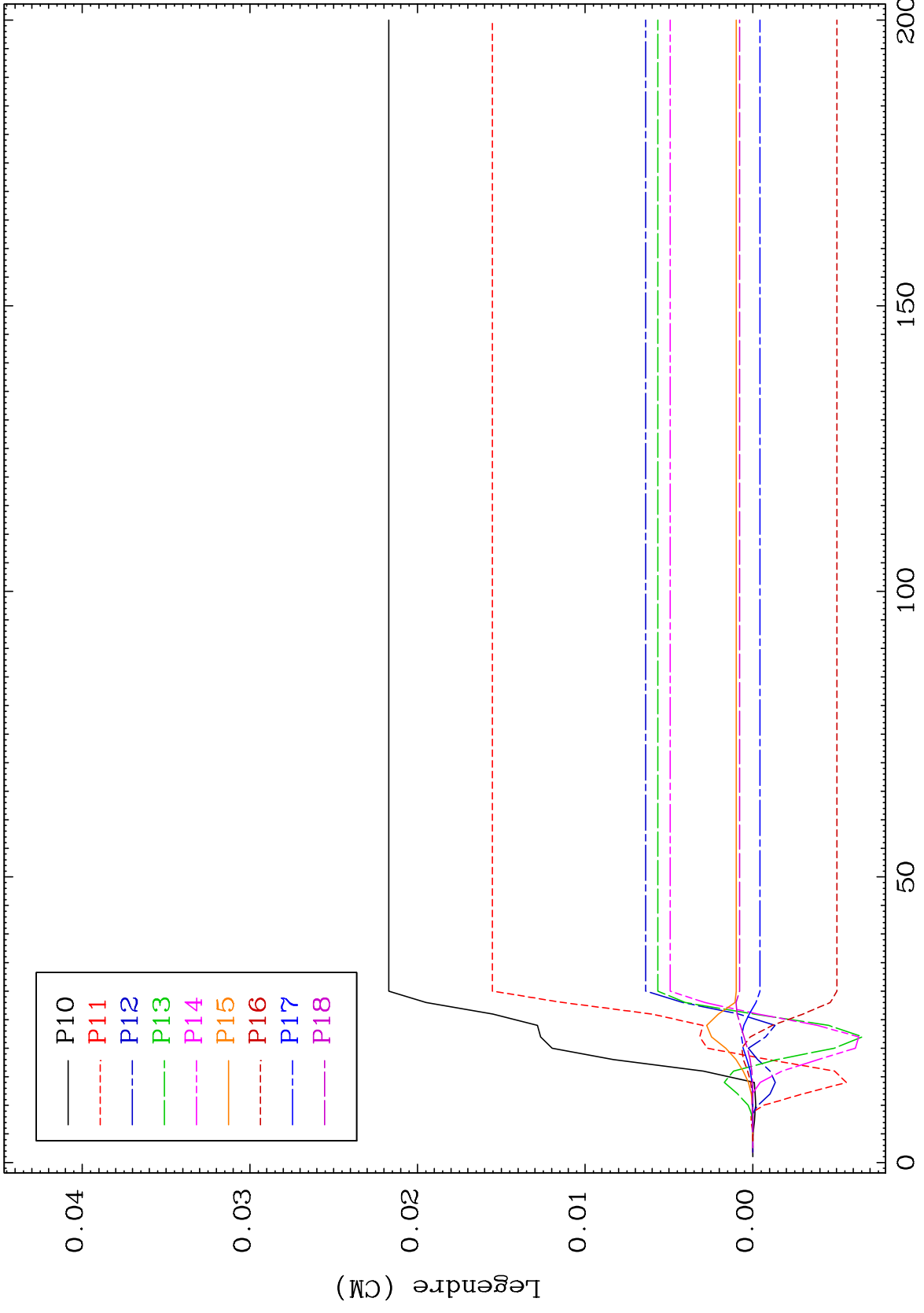
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



25

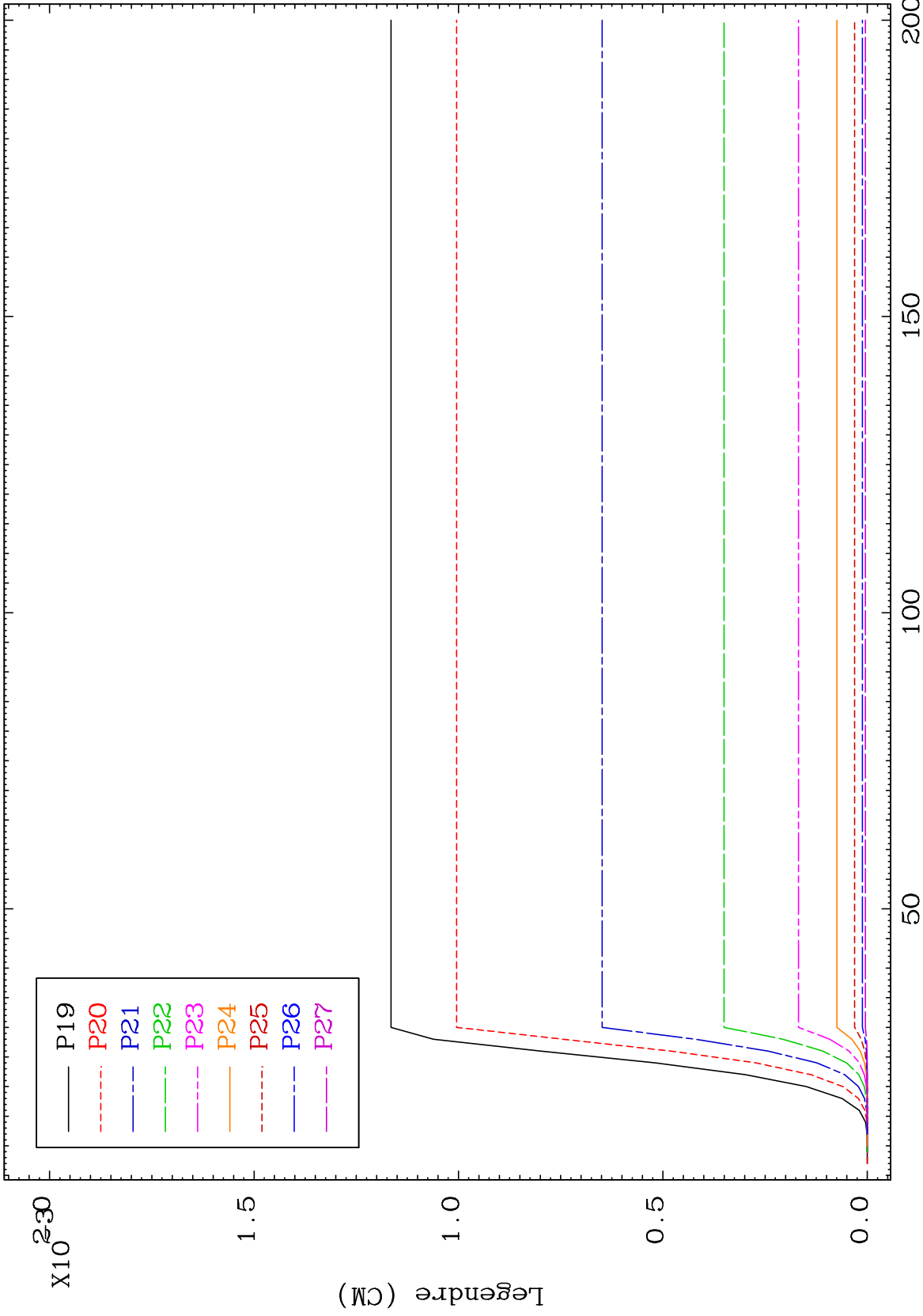
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



26

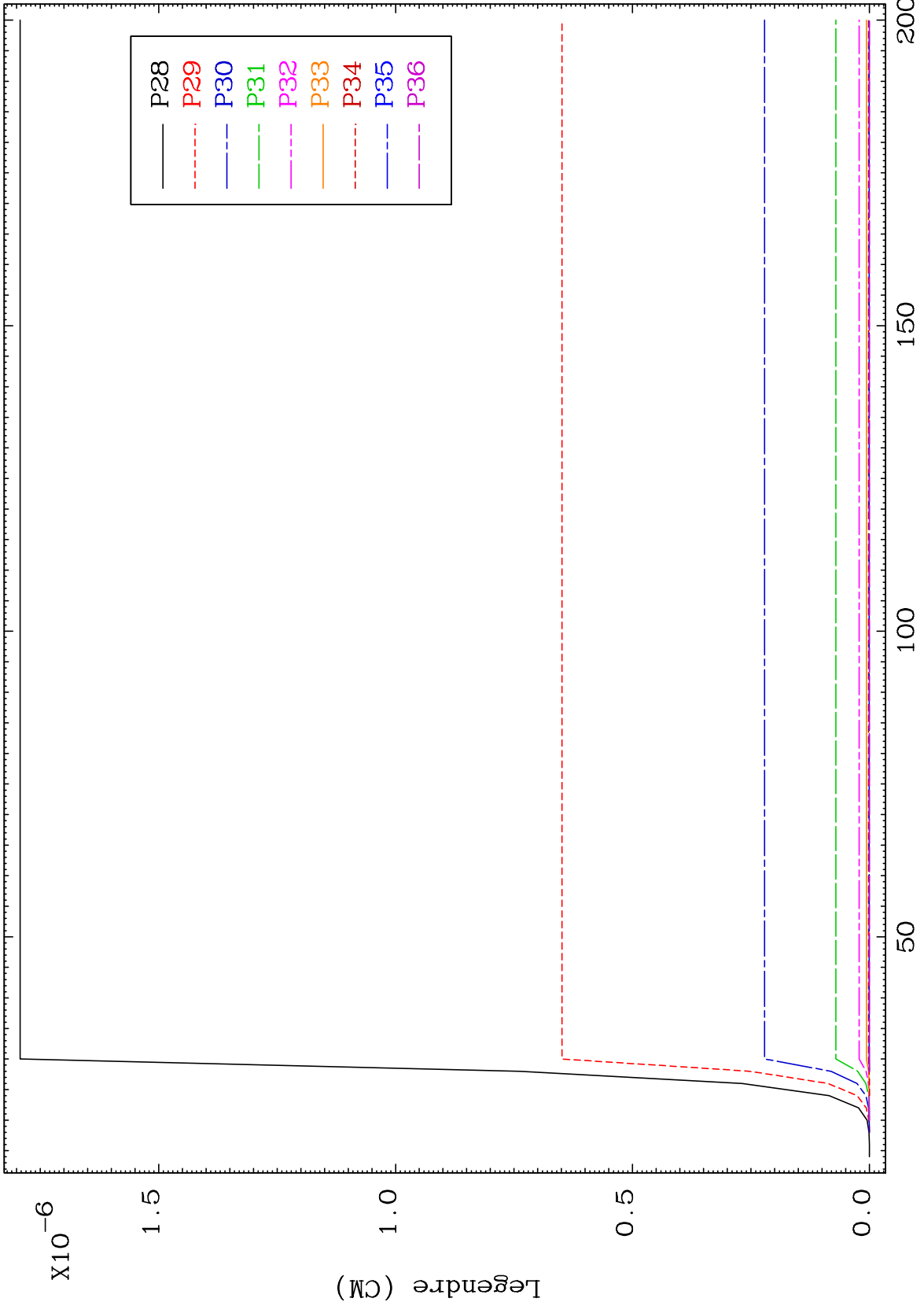
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



27

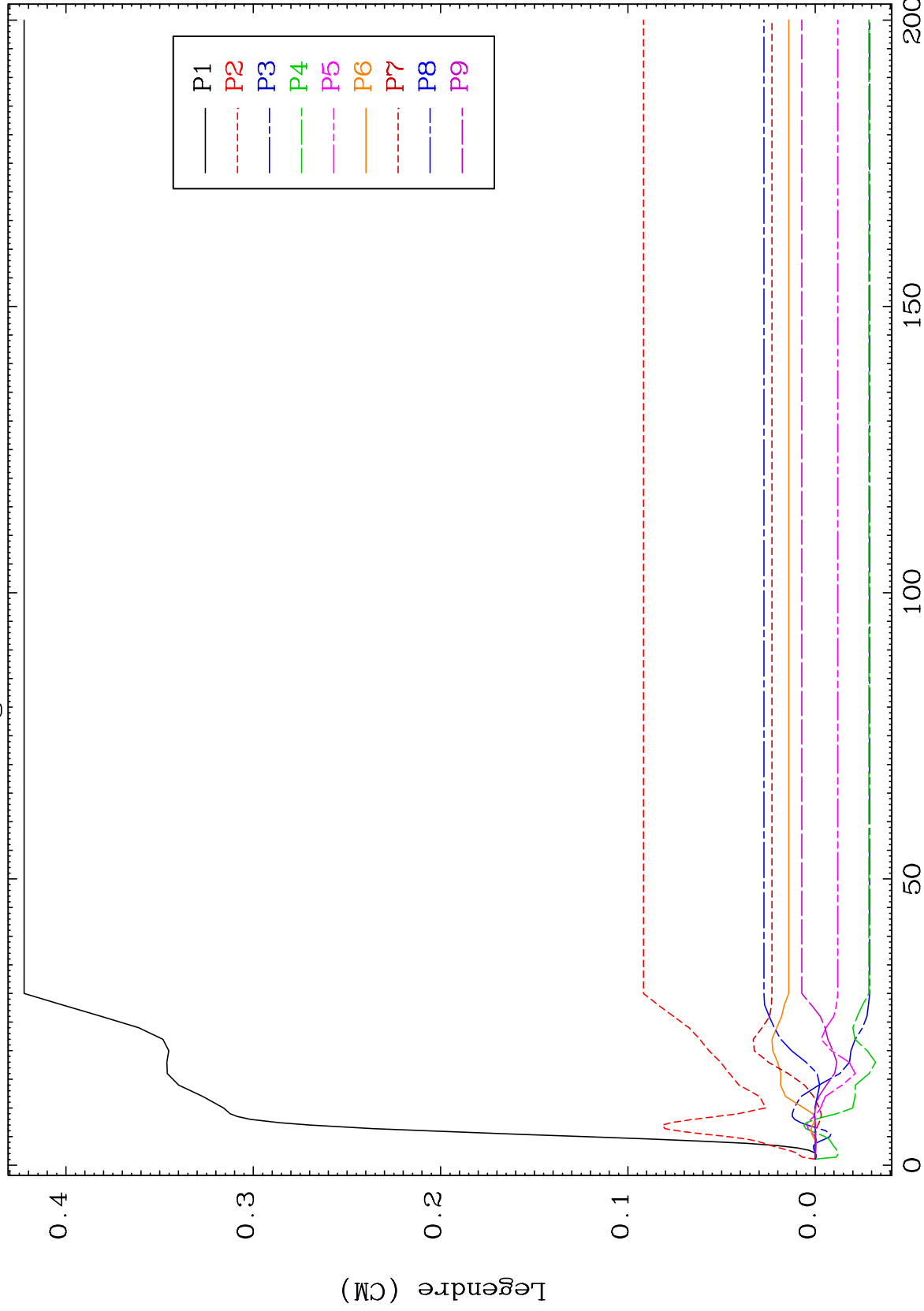
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

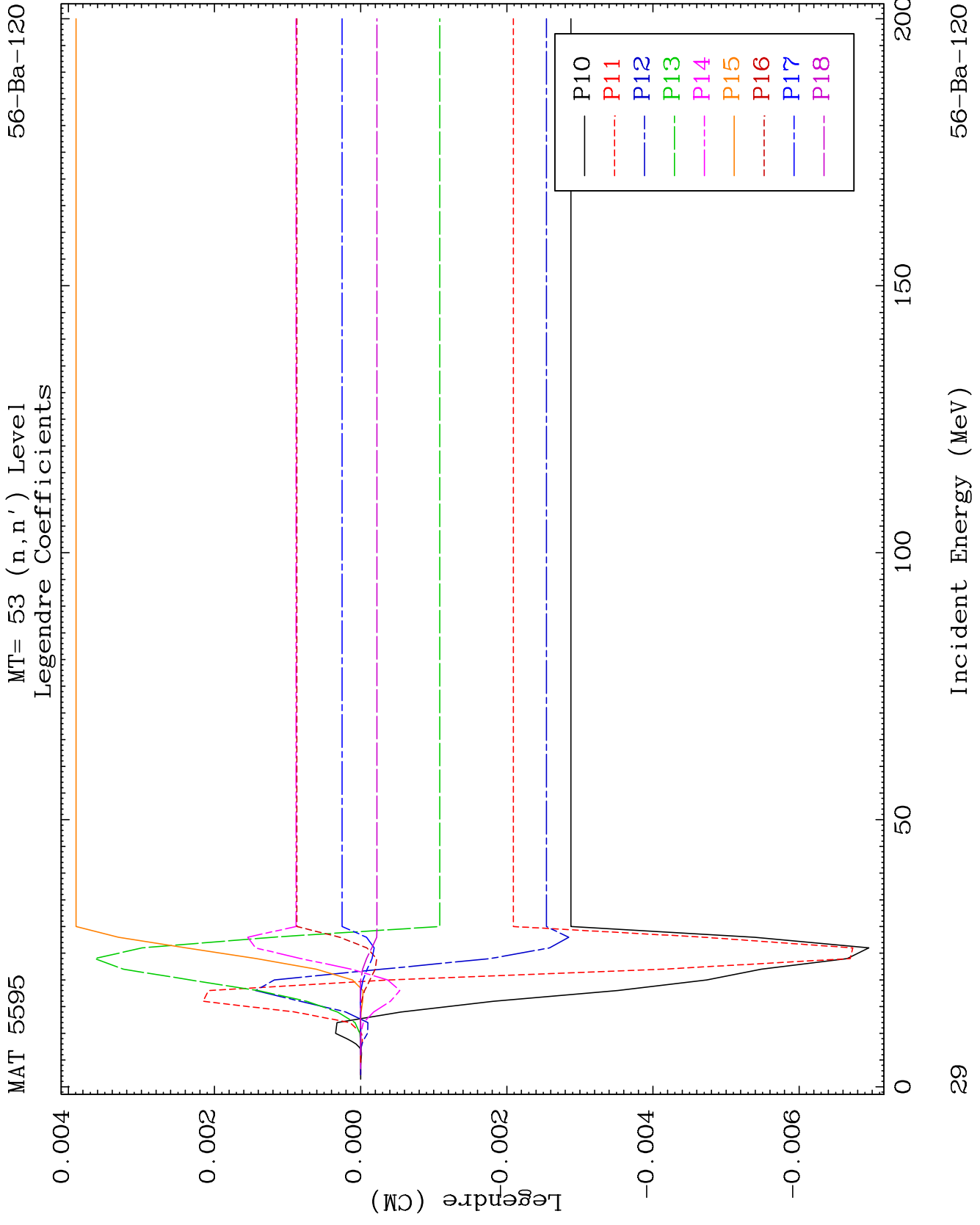
56-Ba-120

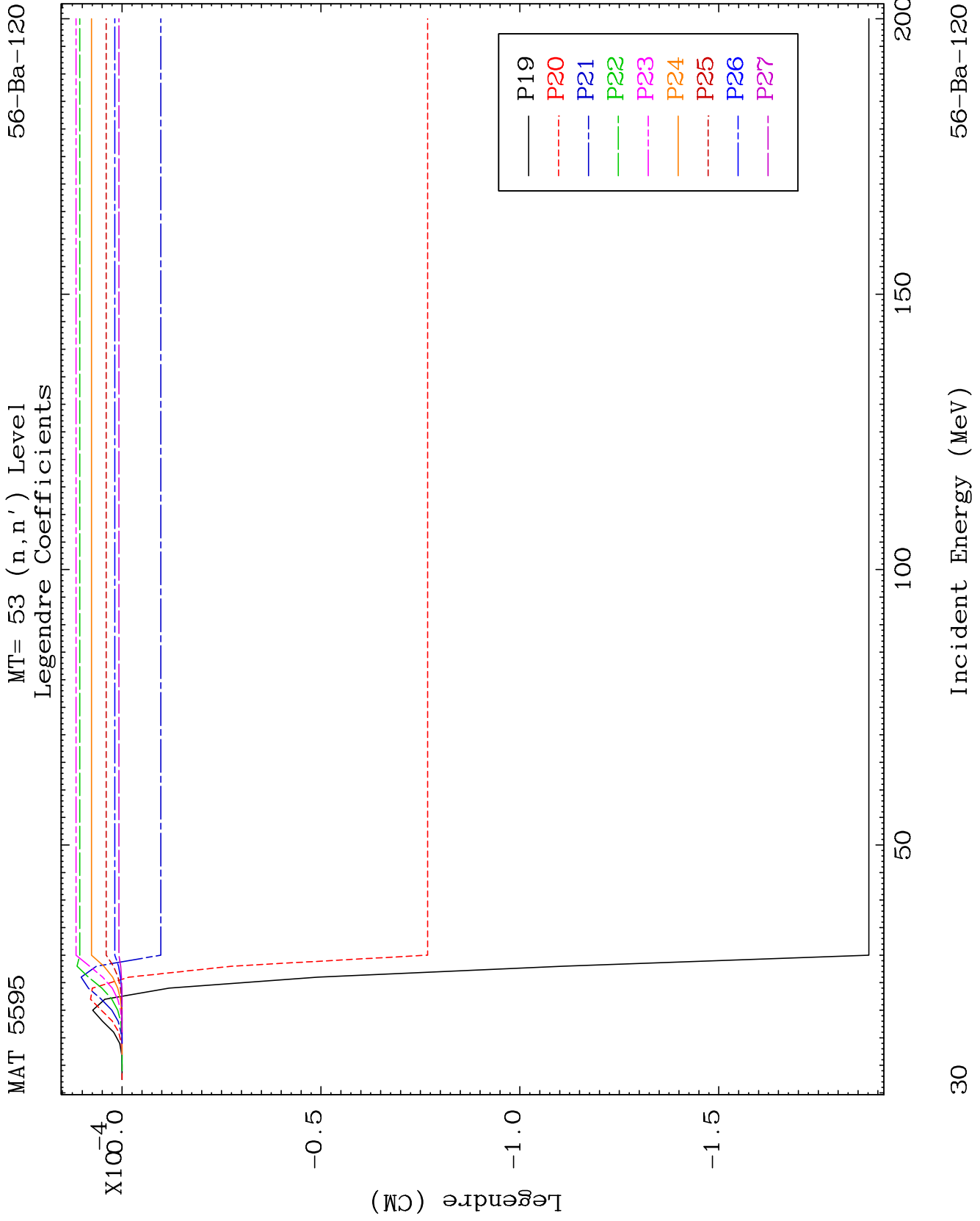


28

Incident Energy (MeV)

56-Ba-120

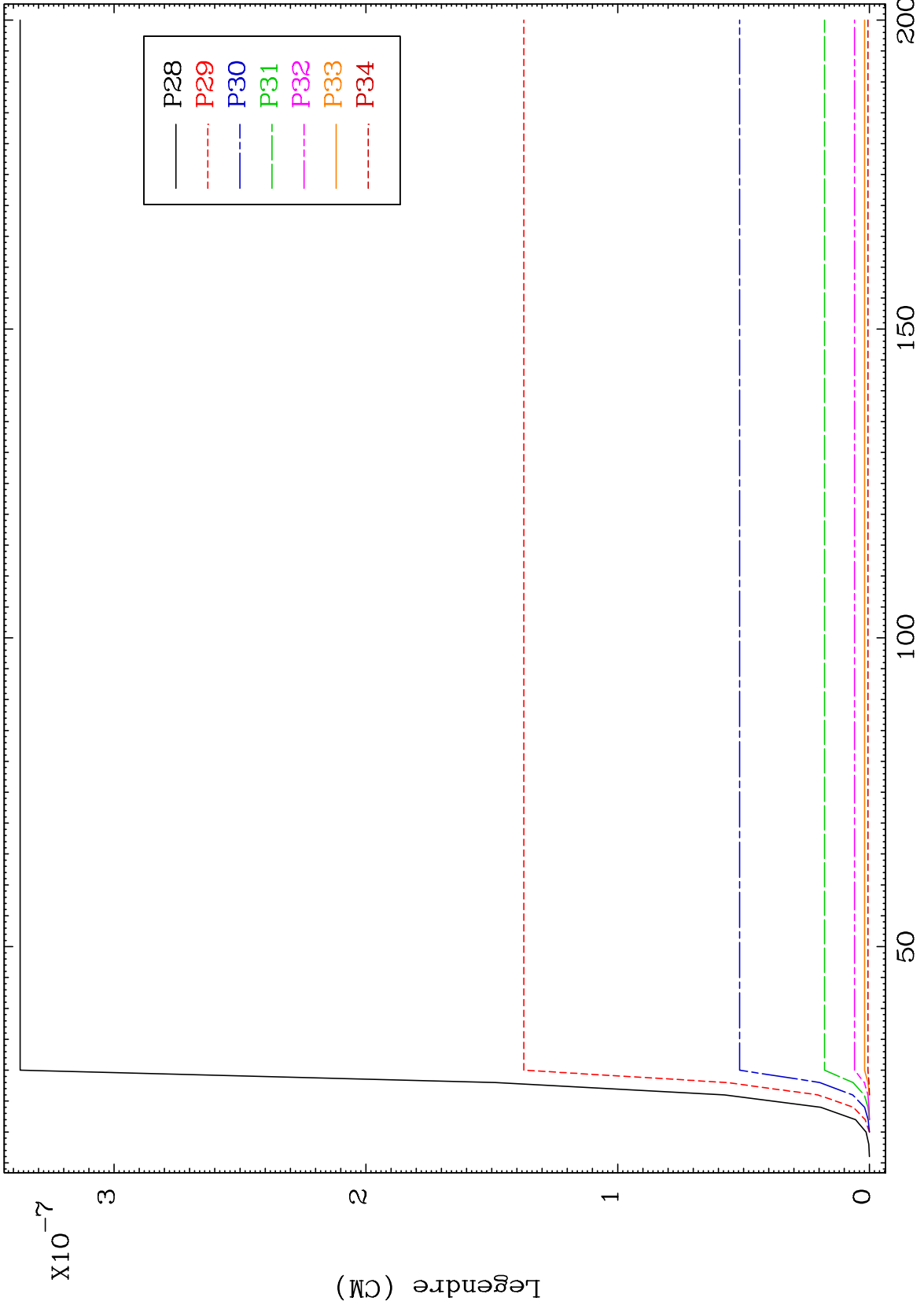




MAT 5595

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

56-Ba-120



31

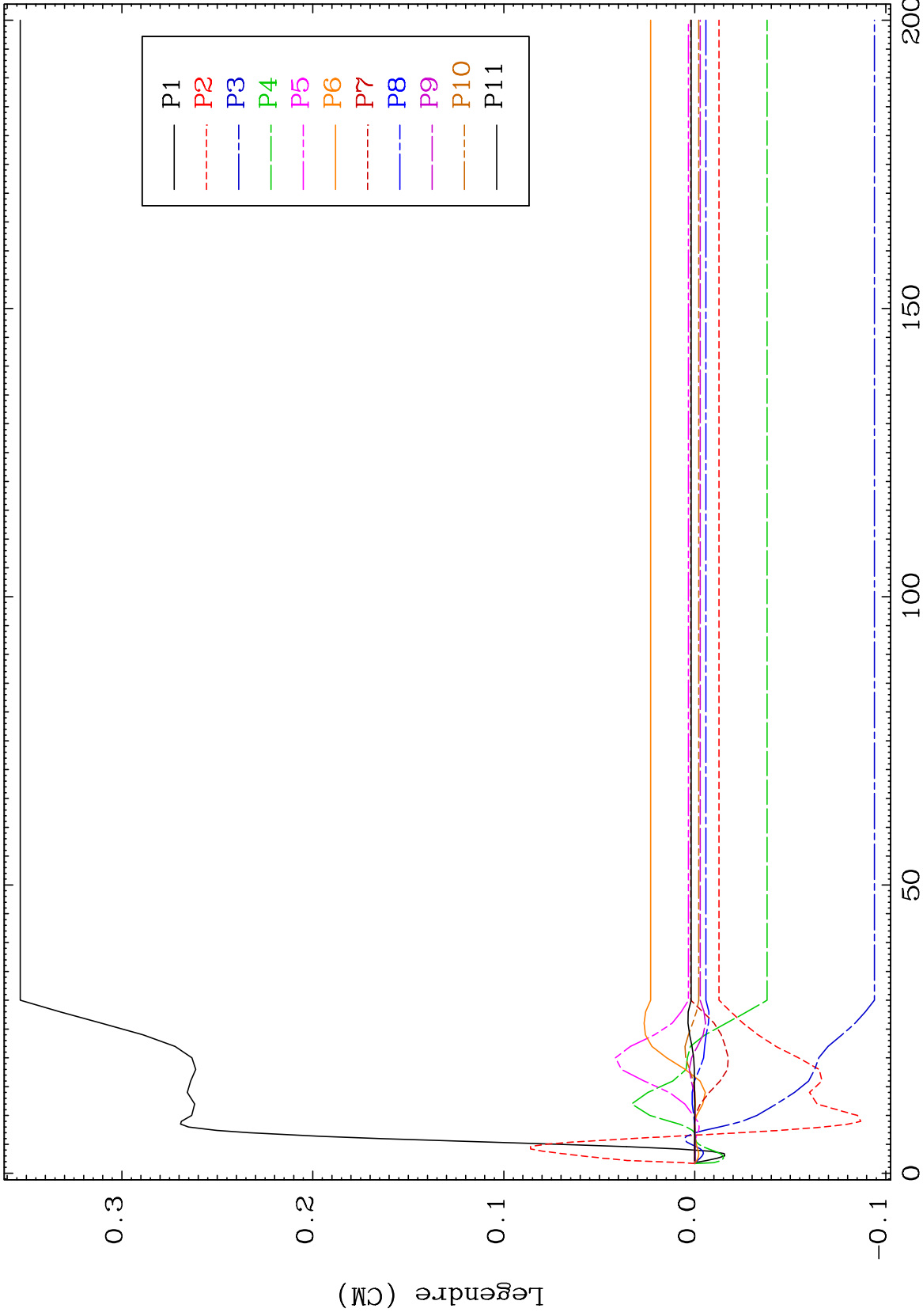
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



32

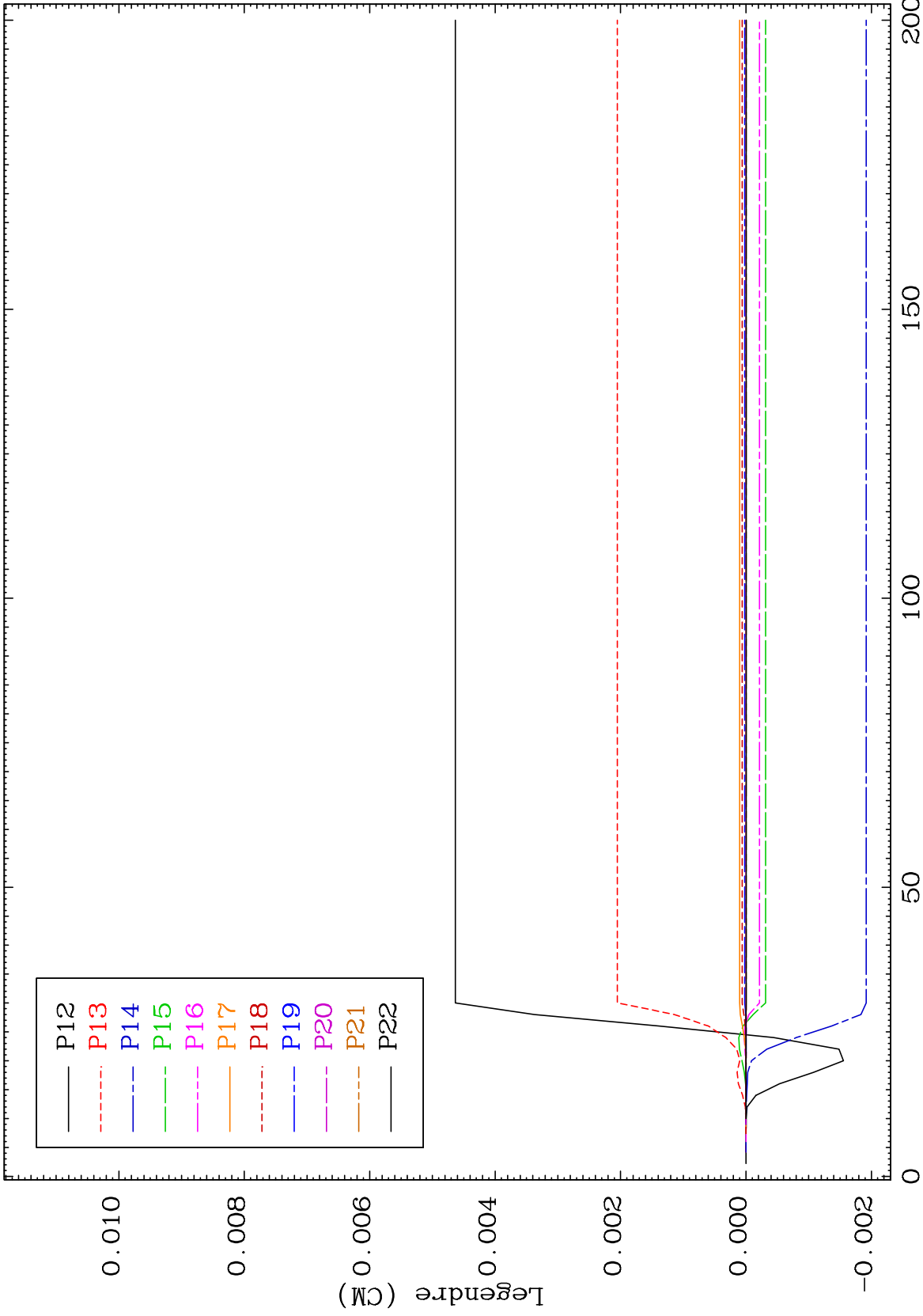
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

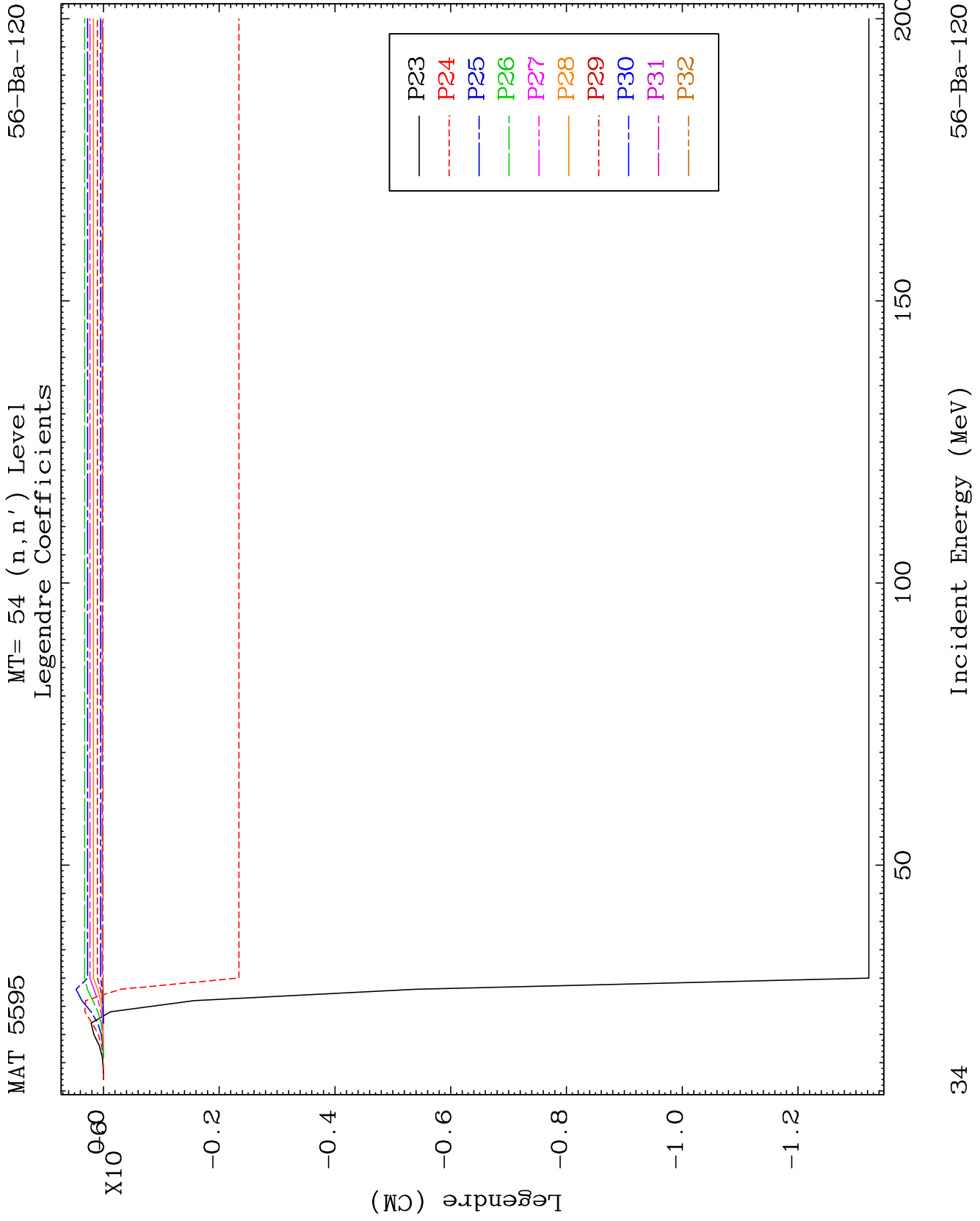
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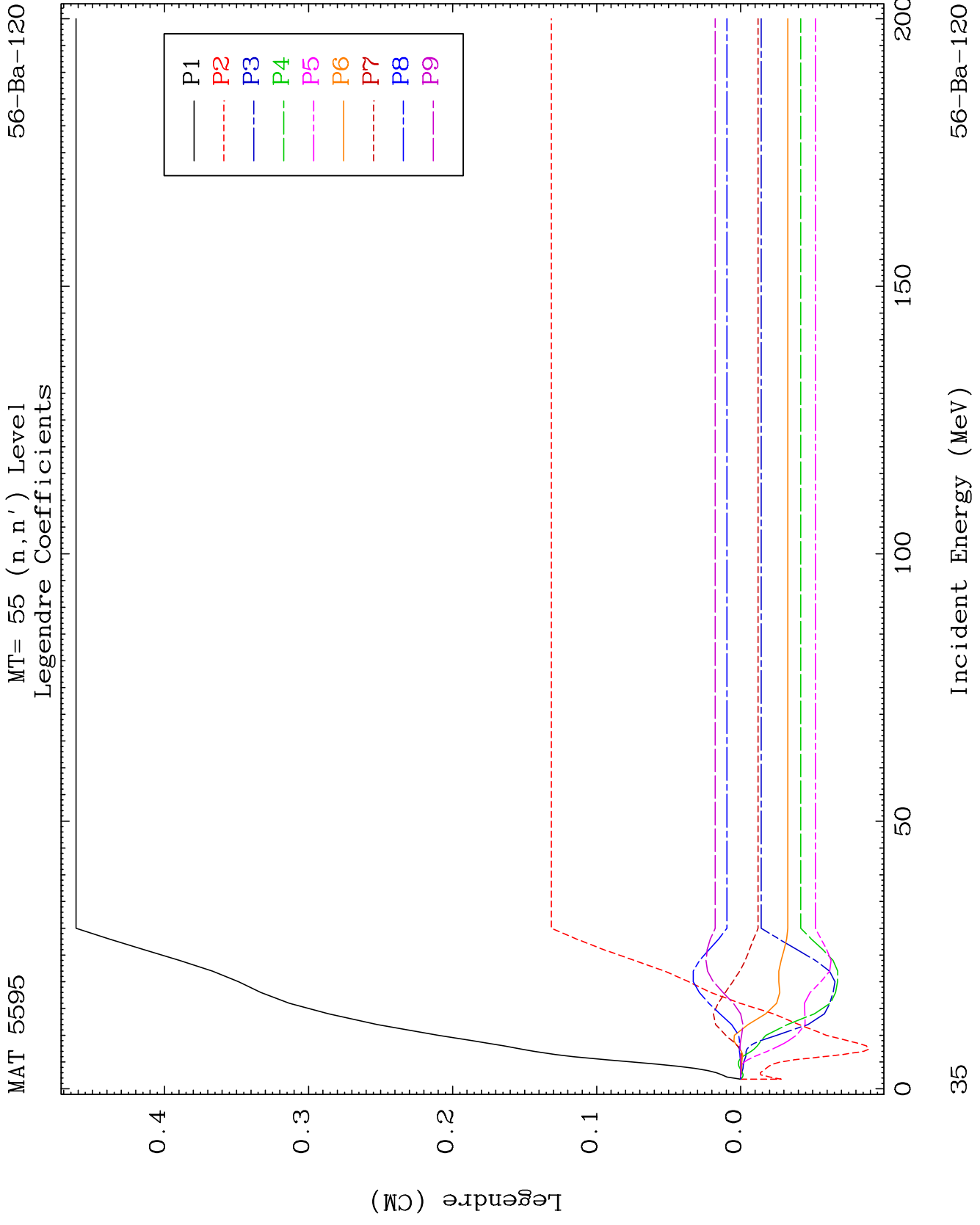


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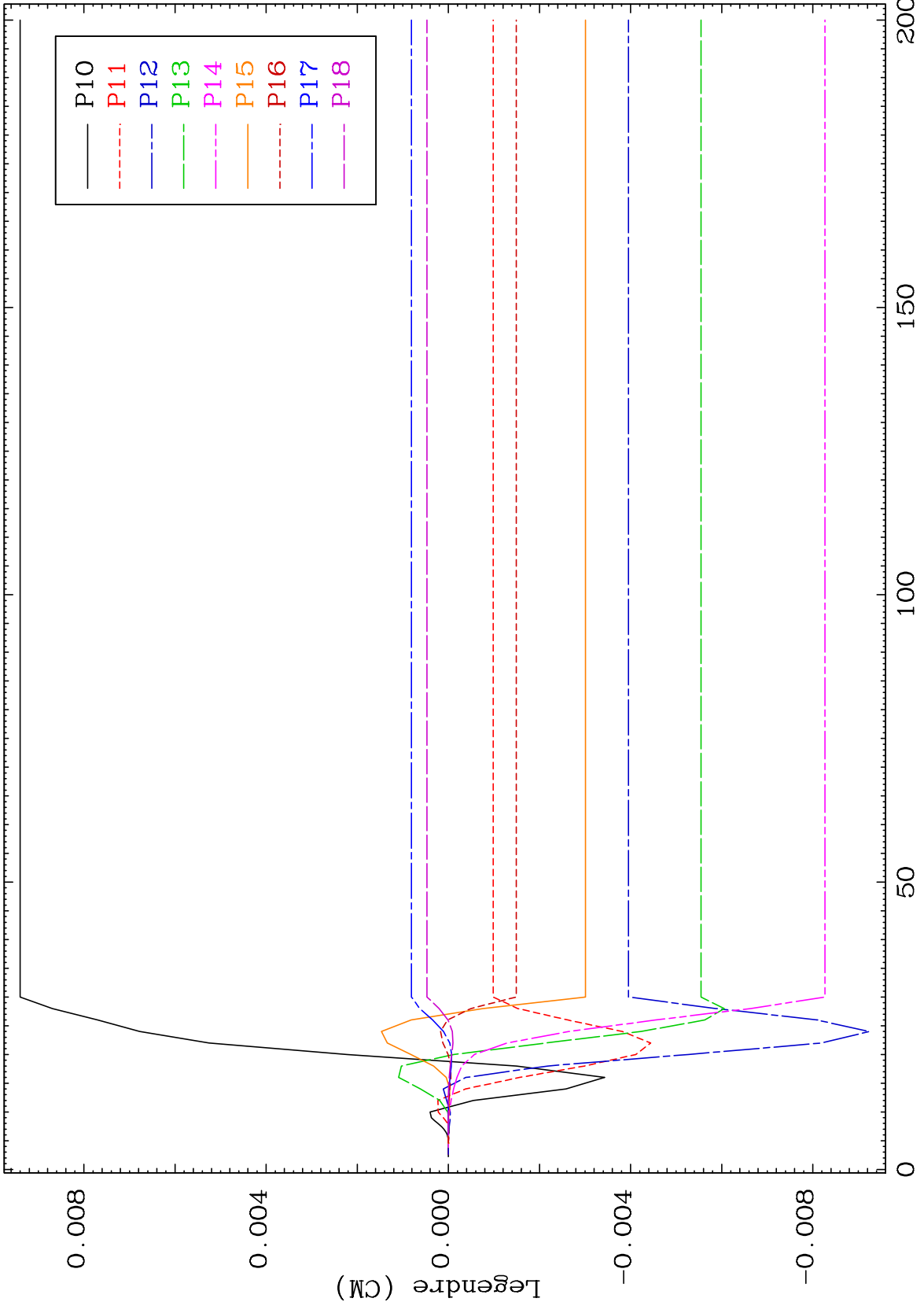
Incident Energy (MeV)

56-Ba-120





MAT 5595 MT= 55 (n,n') Level Legendre Coefficients 56-Ba-120

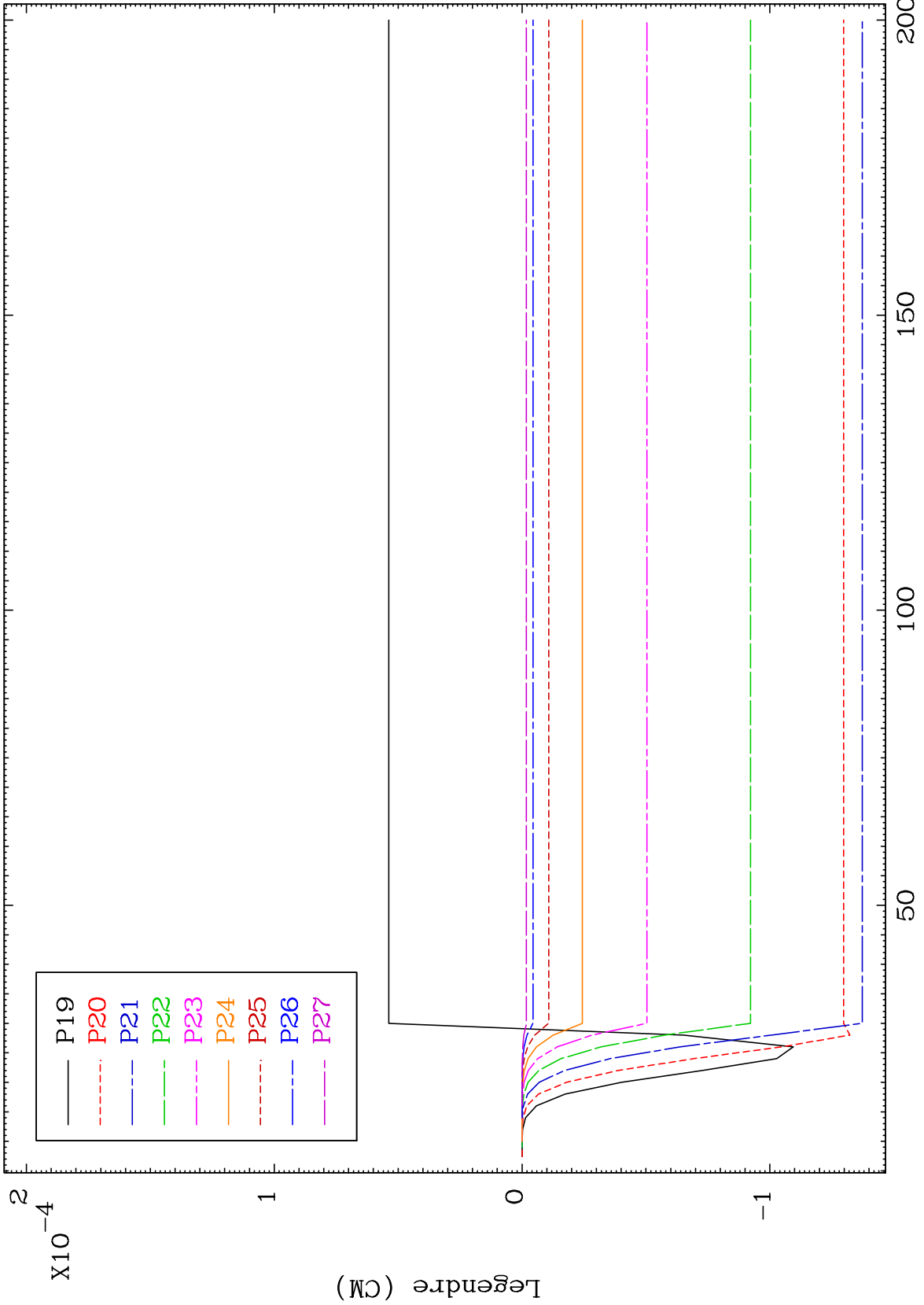


36 56-Ba-120

MAT 5595

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

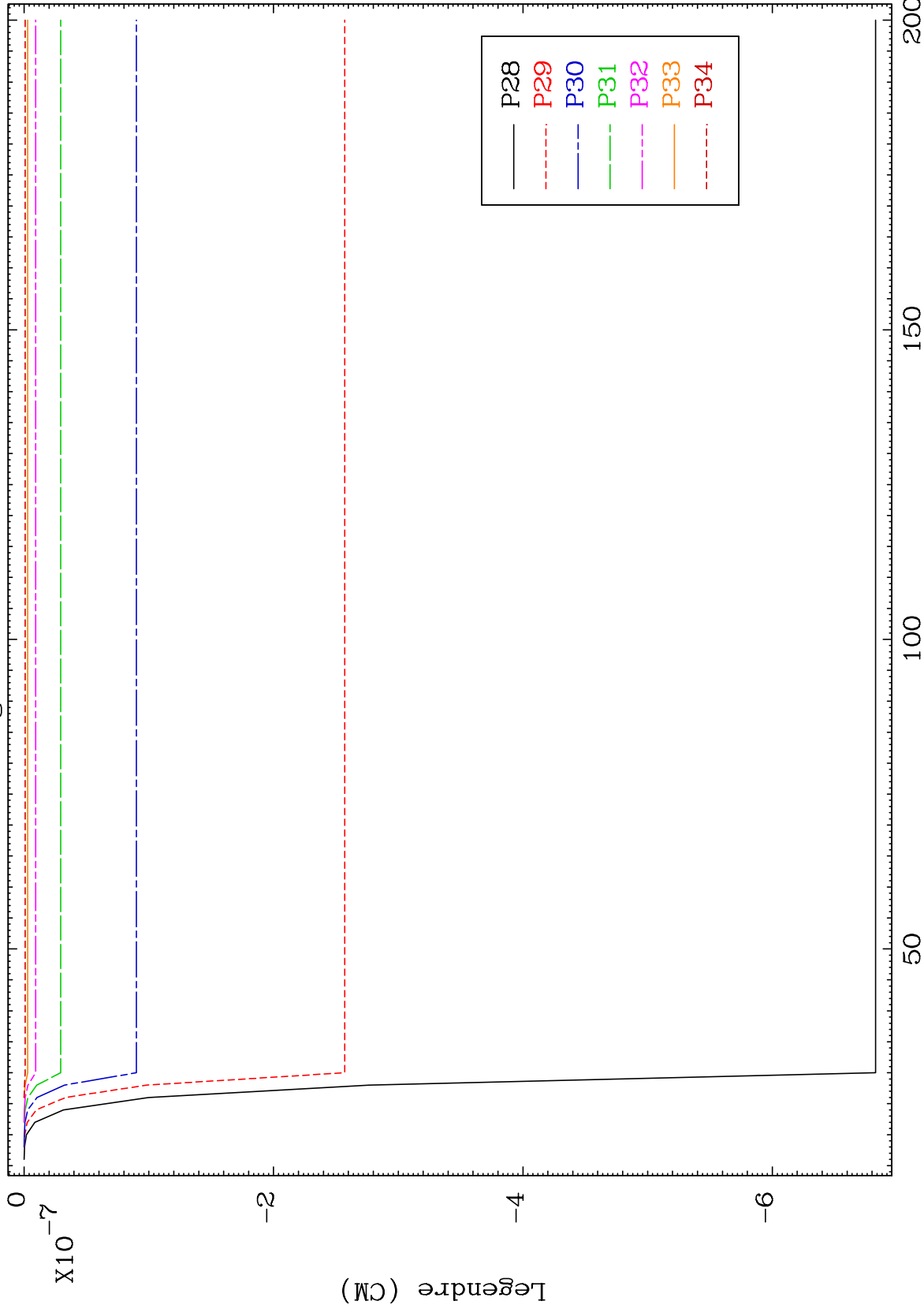
56-Ba-120



MAT 5595

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

56-Ba-120

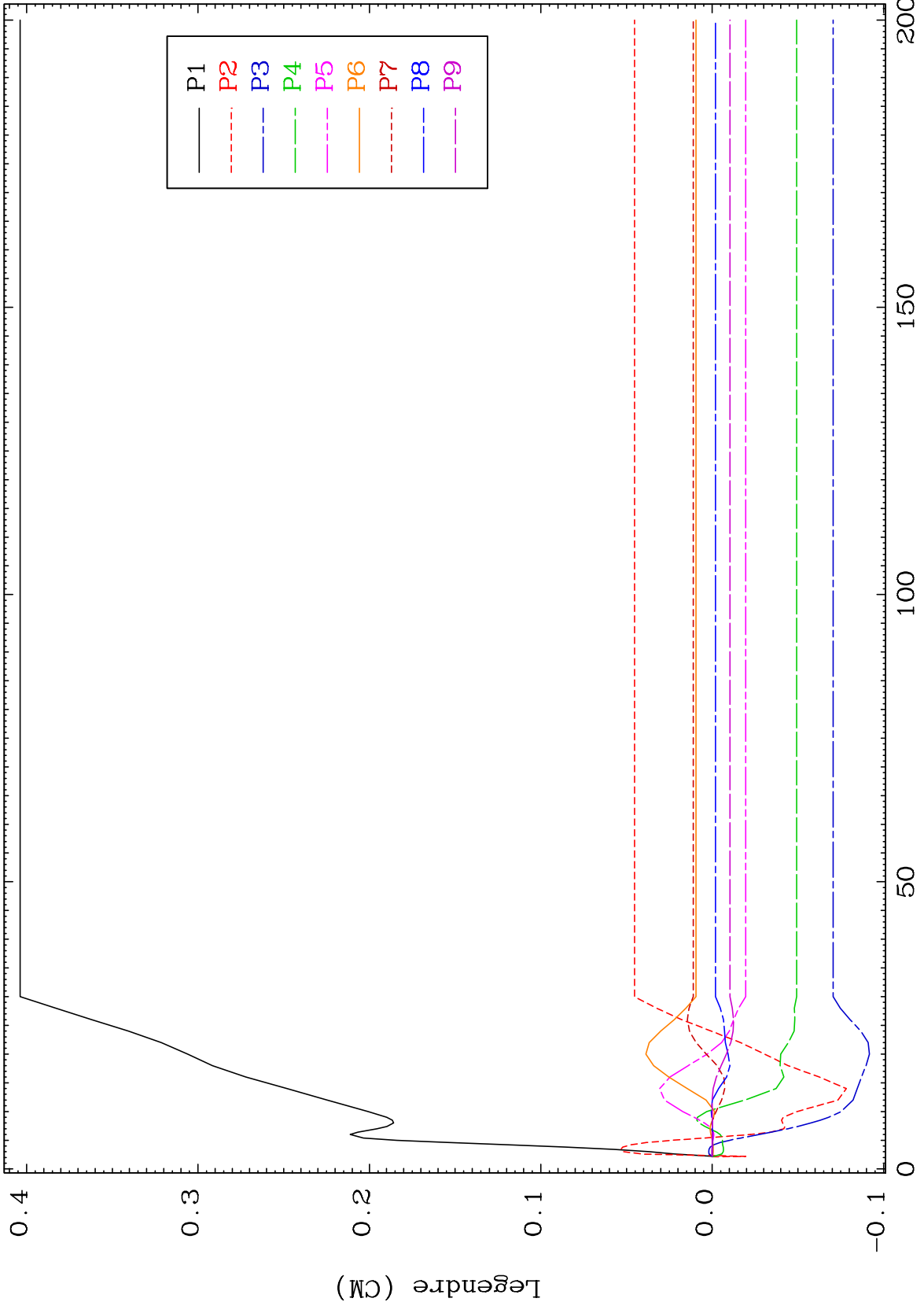


56-Ba-120

Incident Energy (MeV)

38

MAT 5595 MT= 56 (n,n') Level Legendre Coefficients 56-Ba-120

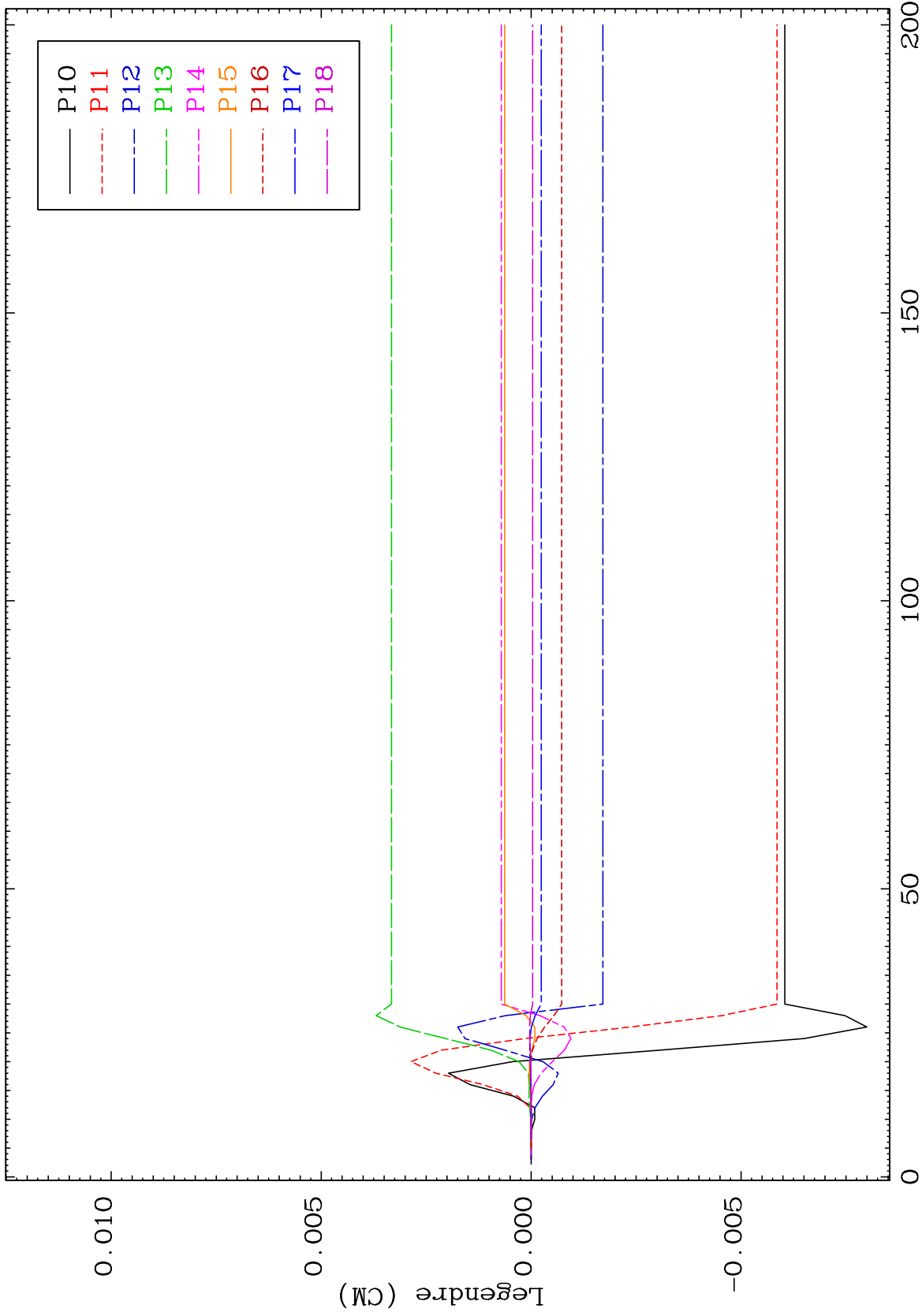


39 56-Ba-120

MAT 5595

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

56-Ba-120



40

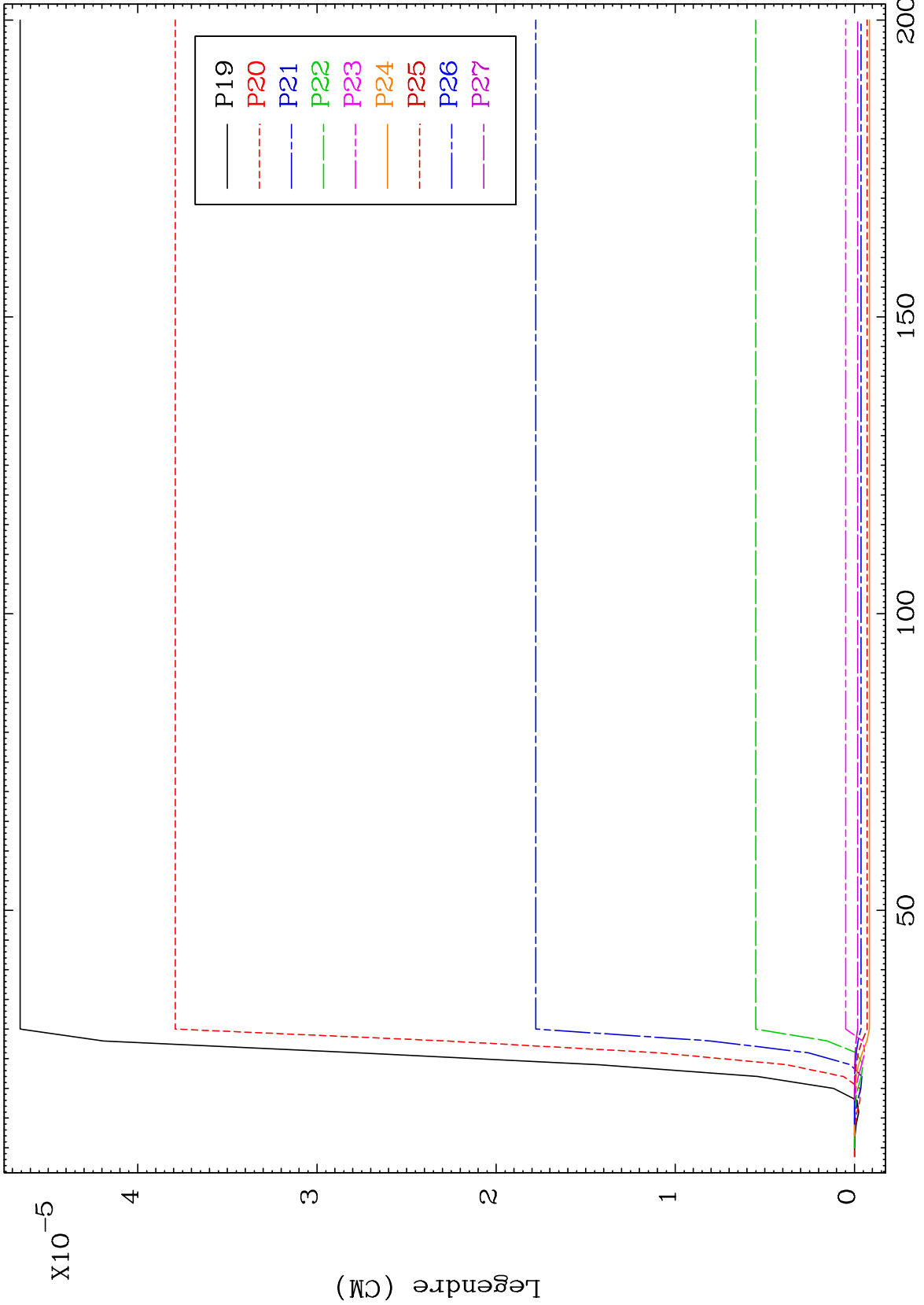
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120

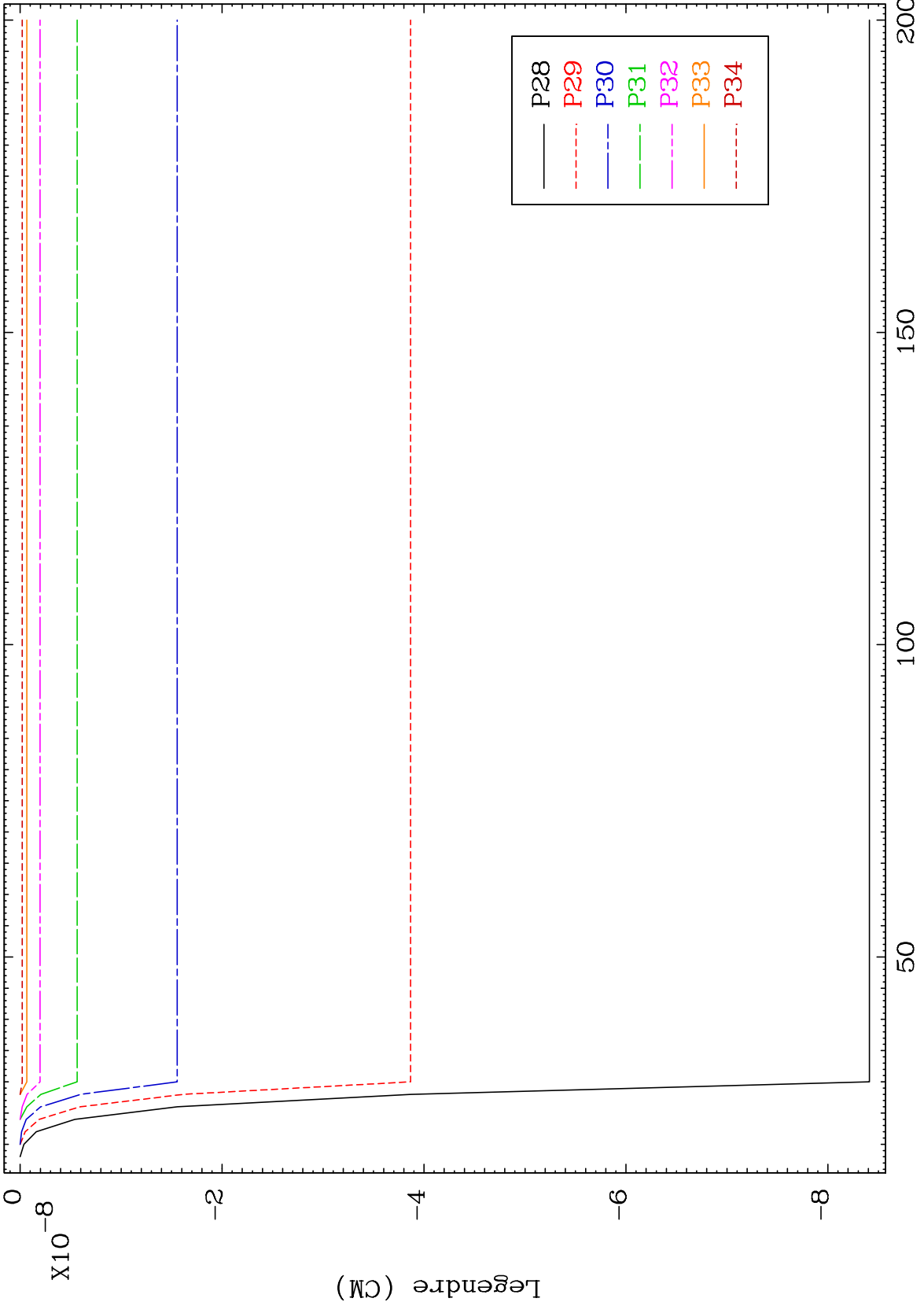


41

Incident Energy (MeV)

56-Ba-120

MAT 5595 MT= 56 (n,n') Level Legendre Coefficients 56-Ba-120

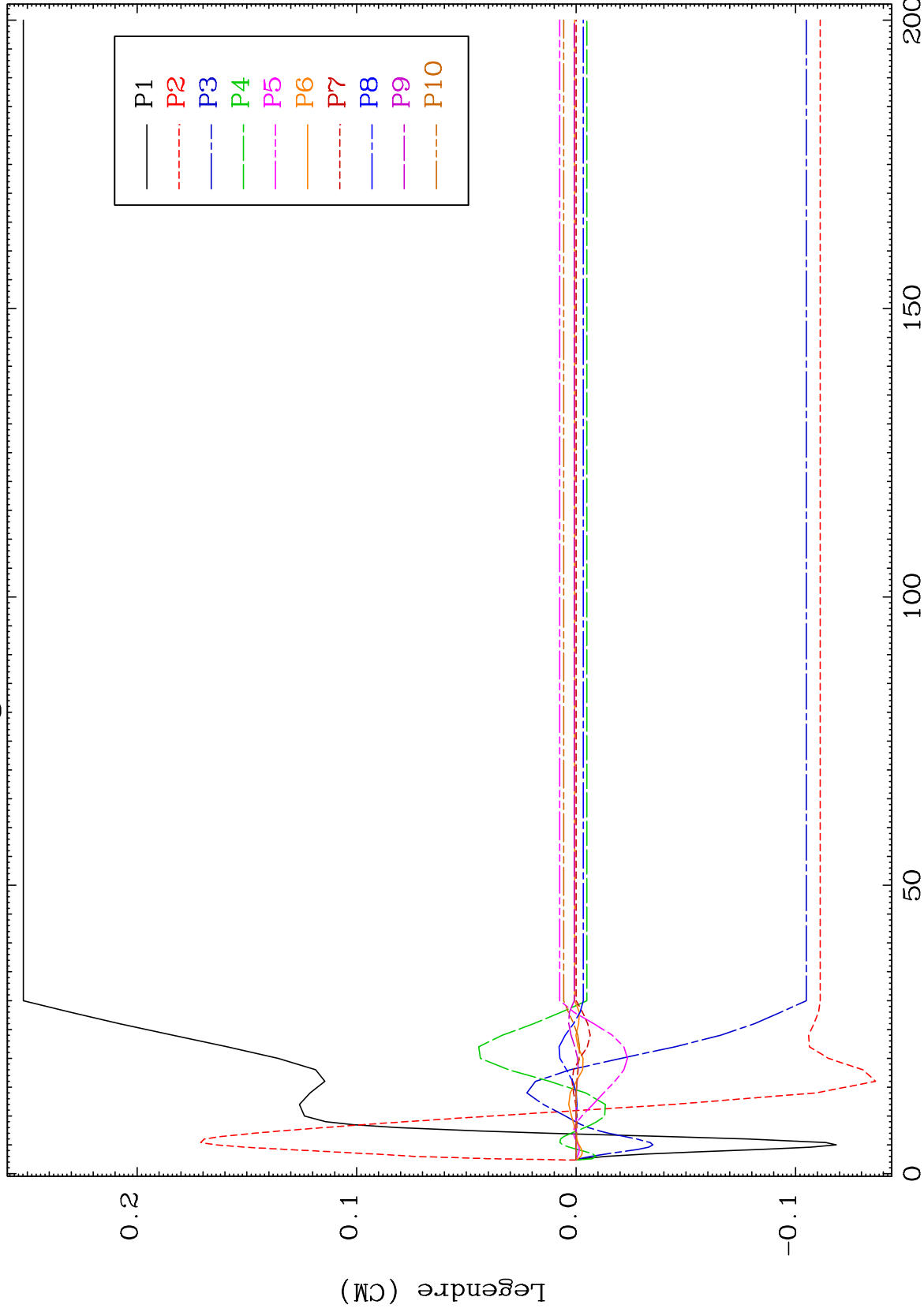


42 Incident Energy (MeV) 56-Ba-120

MAT 5595

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

56-Ba-120



43

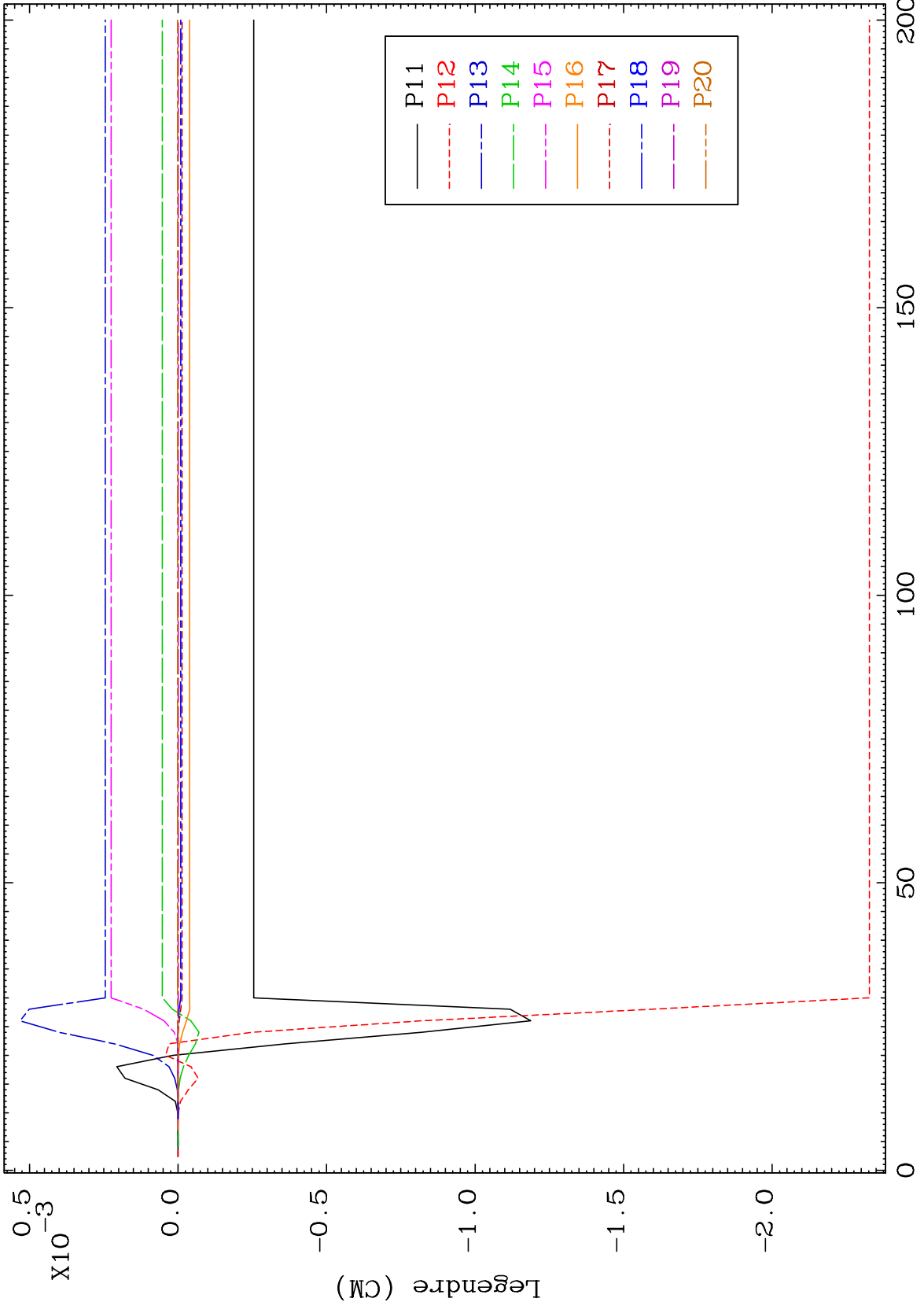
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



44

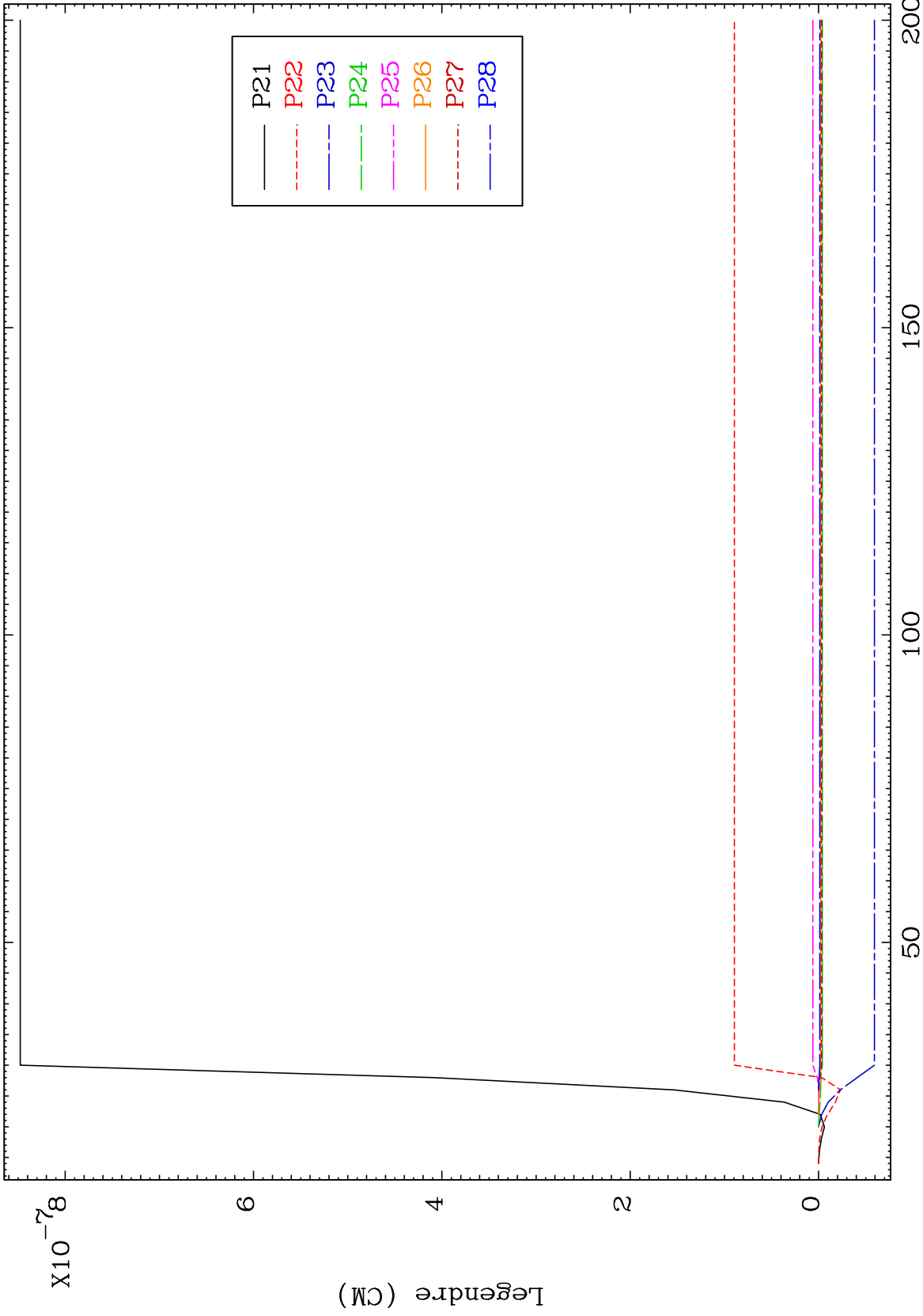
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



45

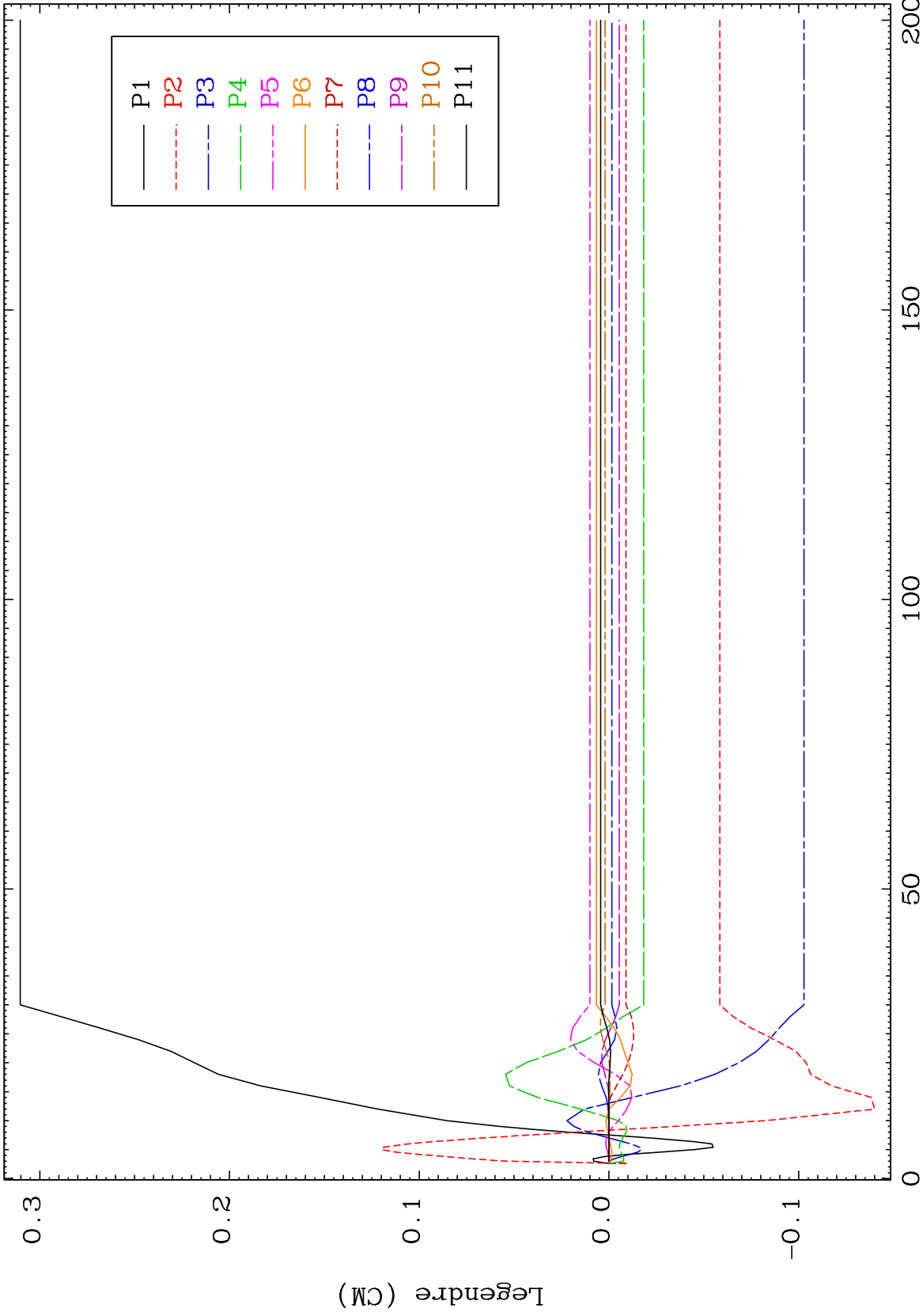
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



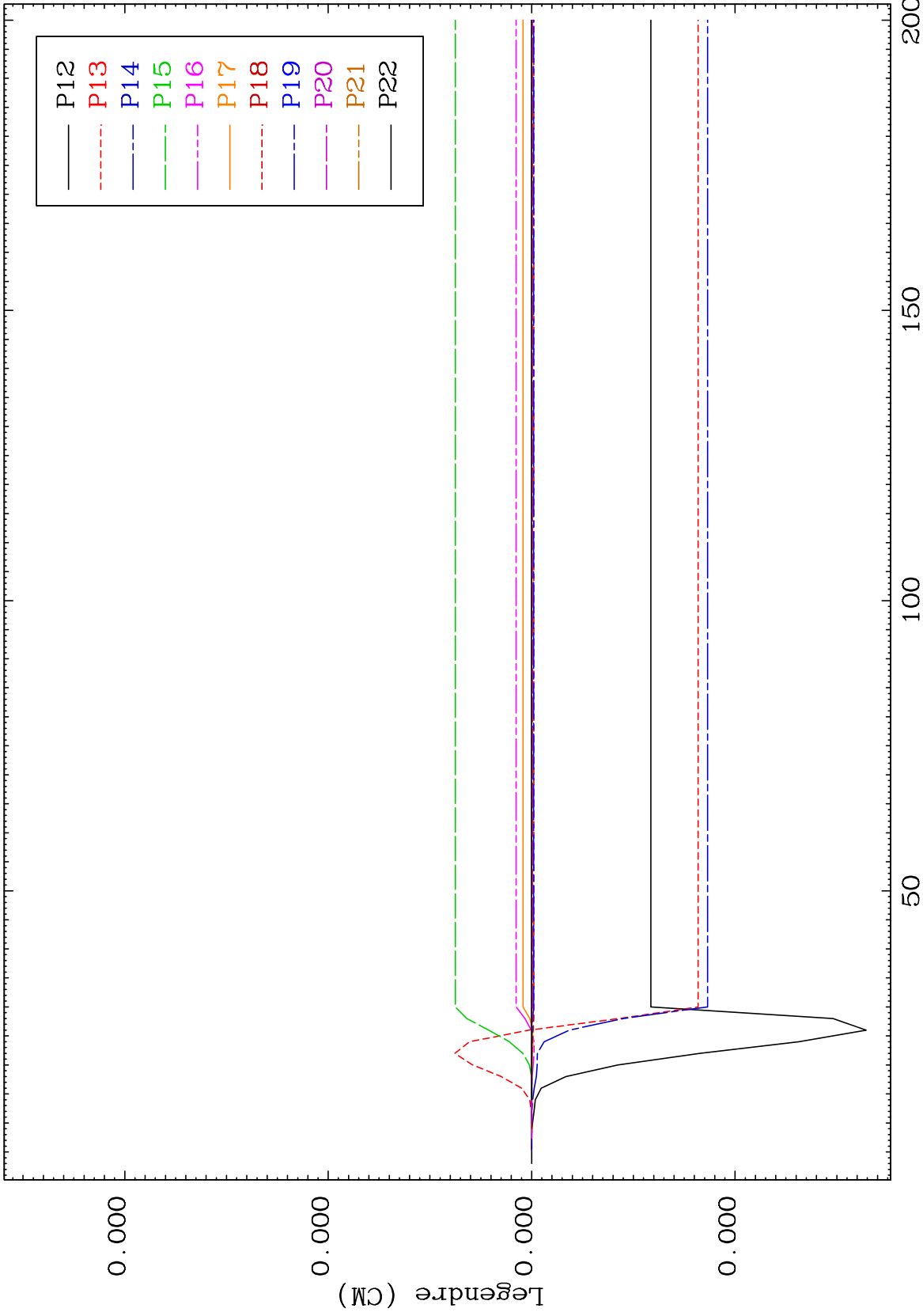
46

56-Ba-120

MAT 5595

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

56-Ba-120



47

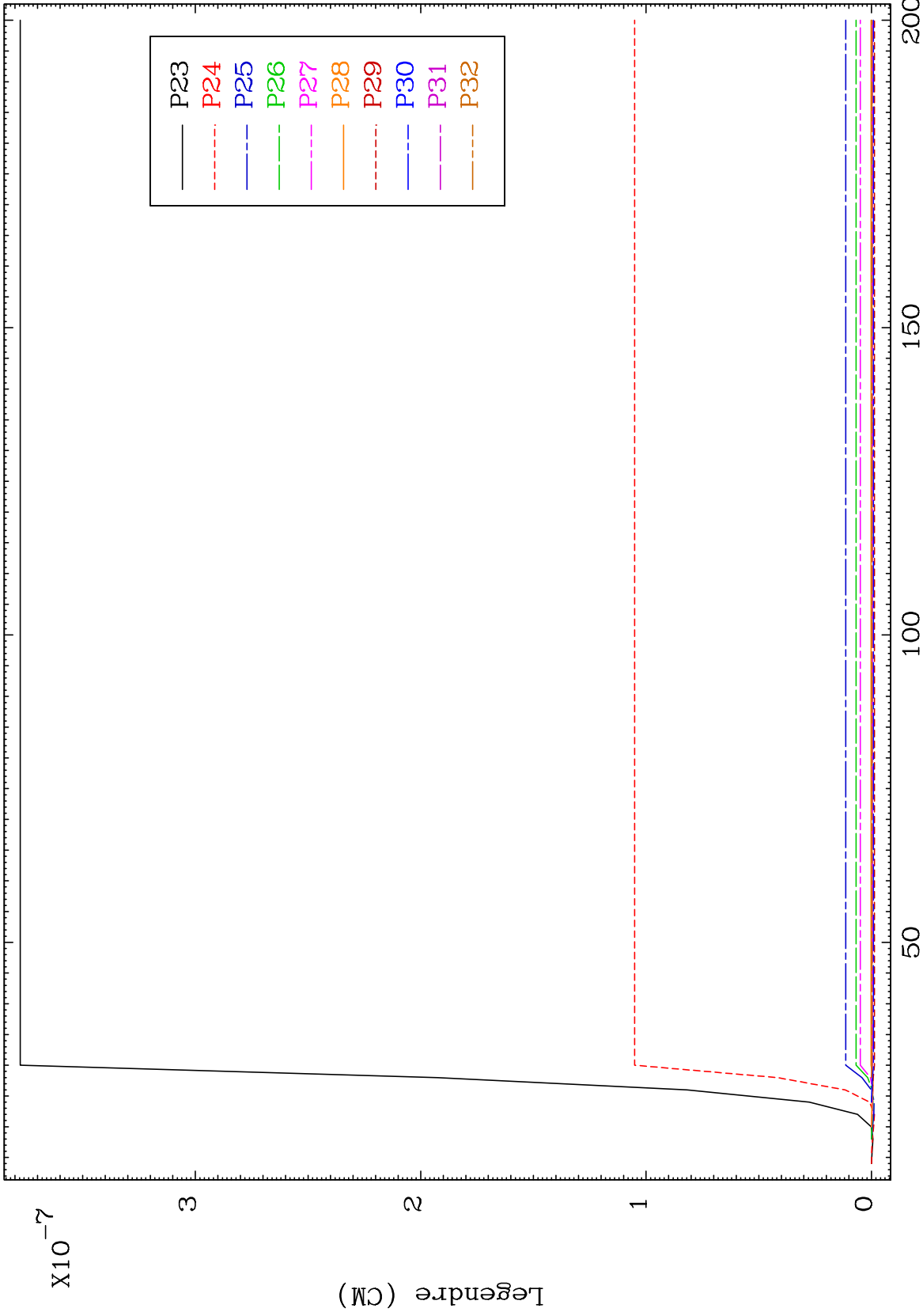
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



48

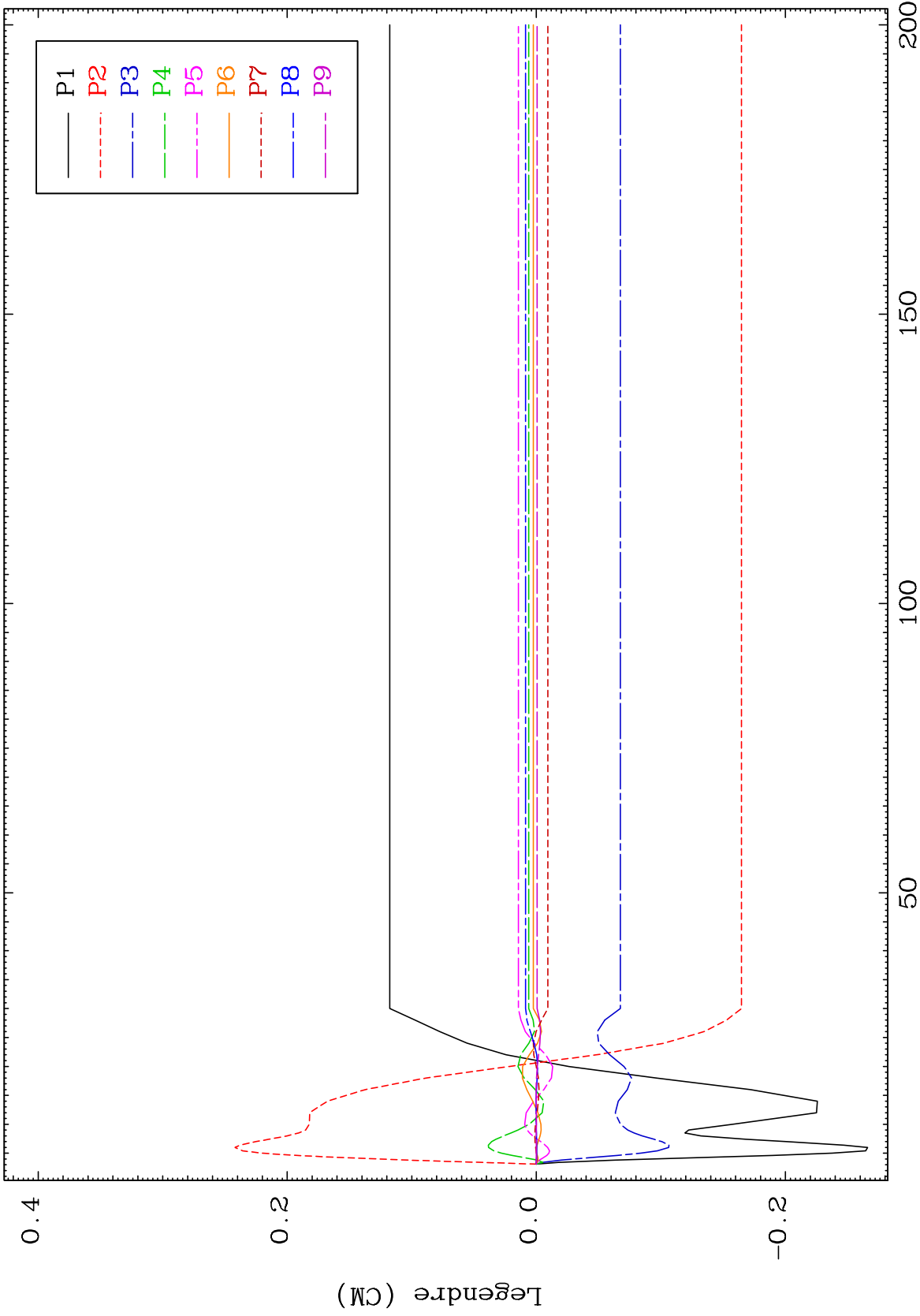
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



49

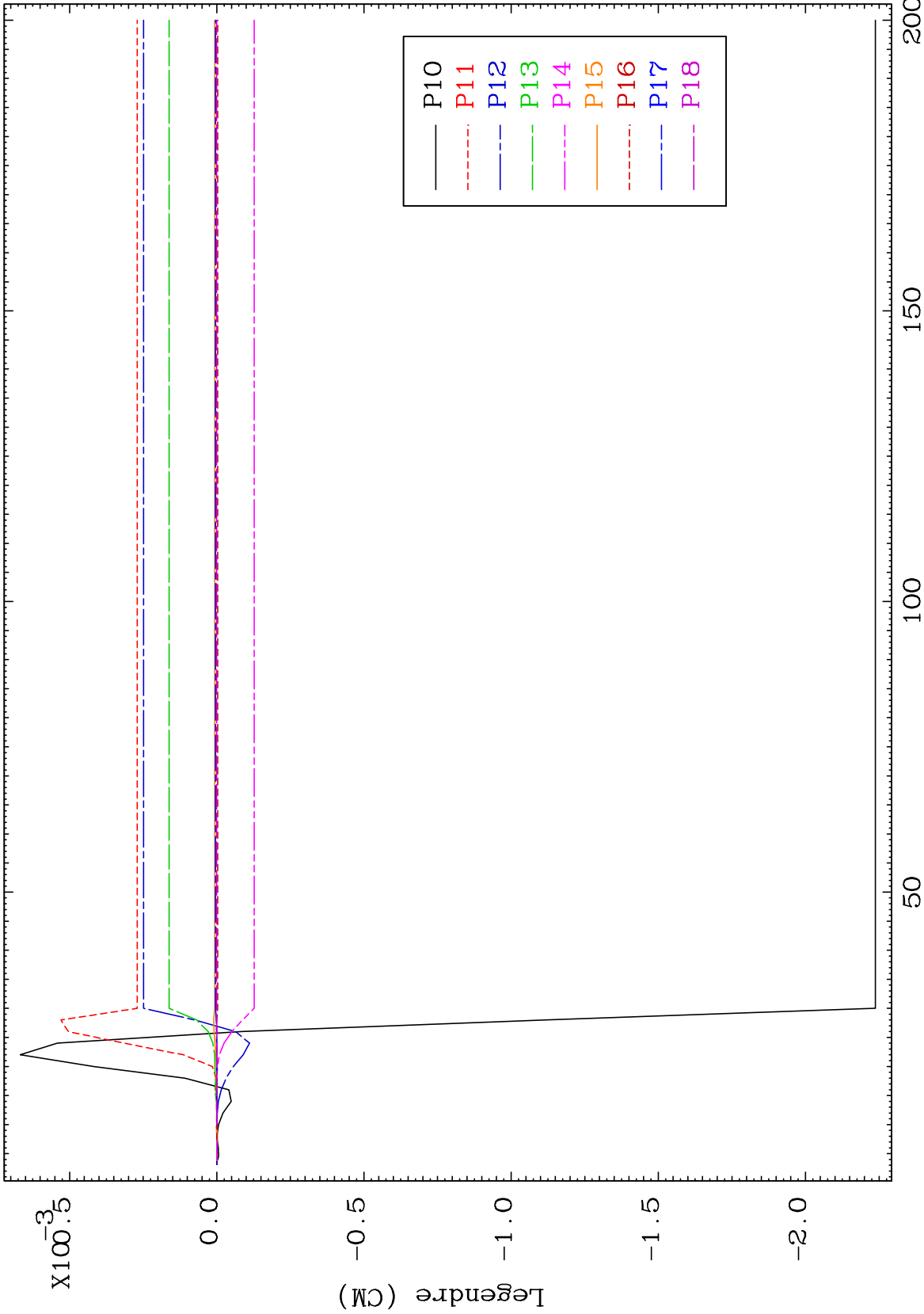
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



50

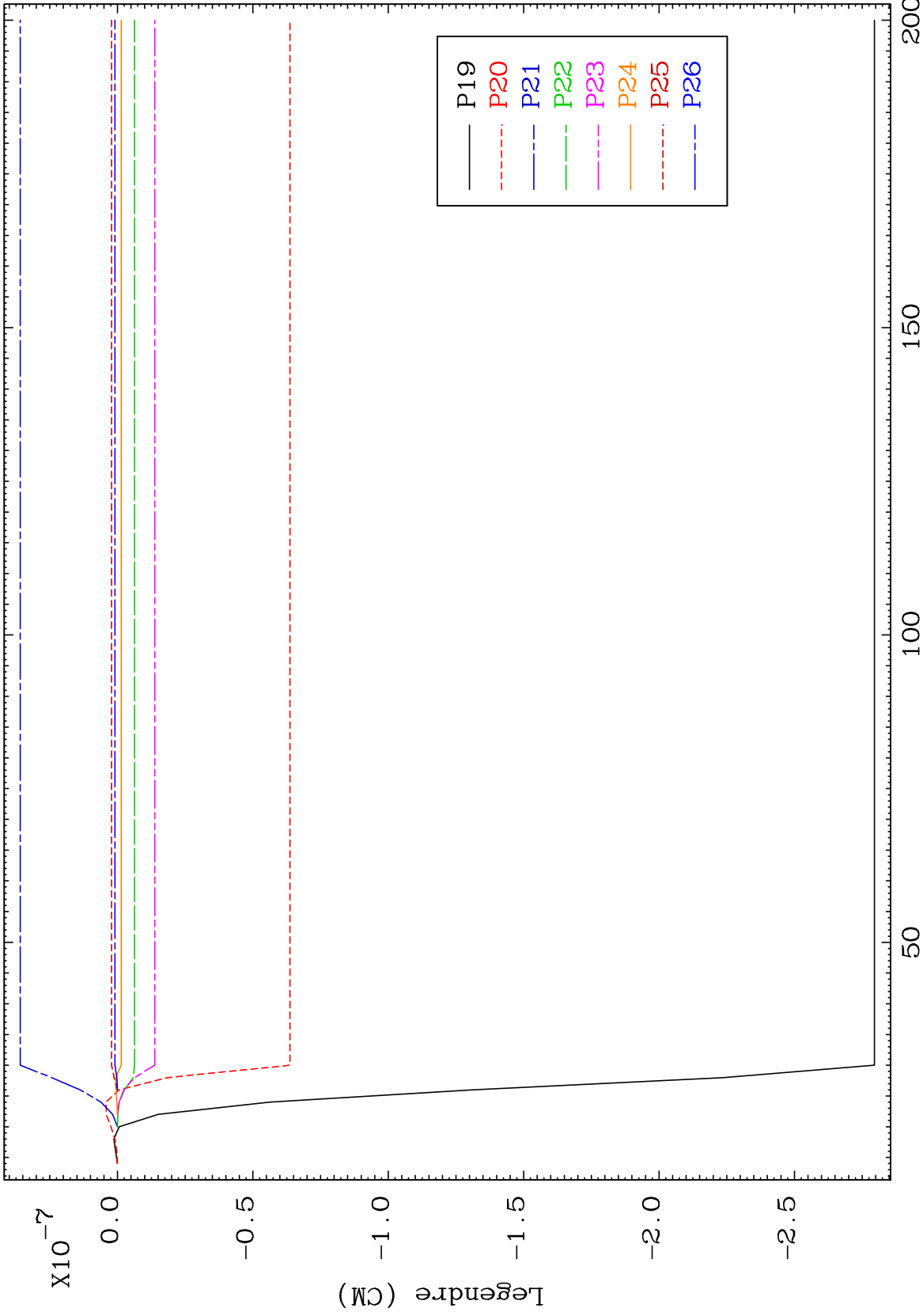
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



51

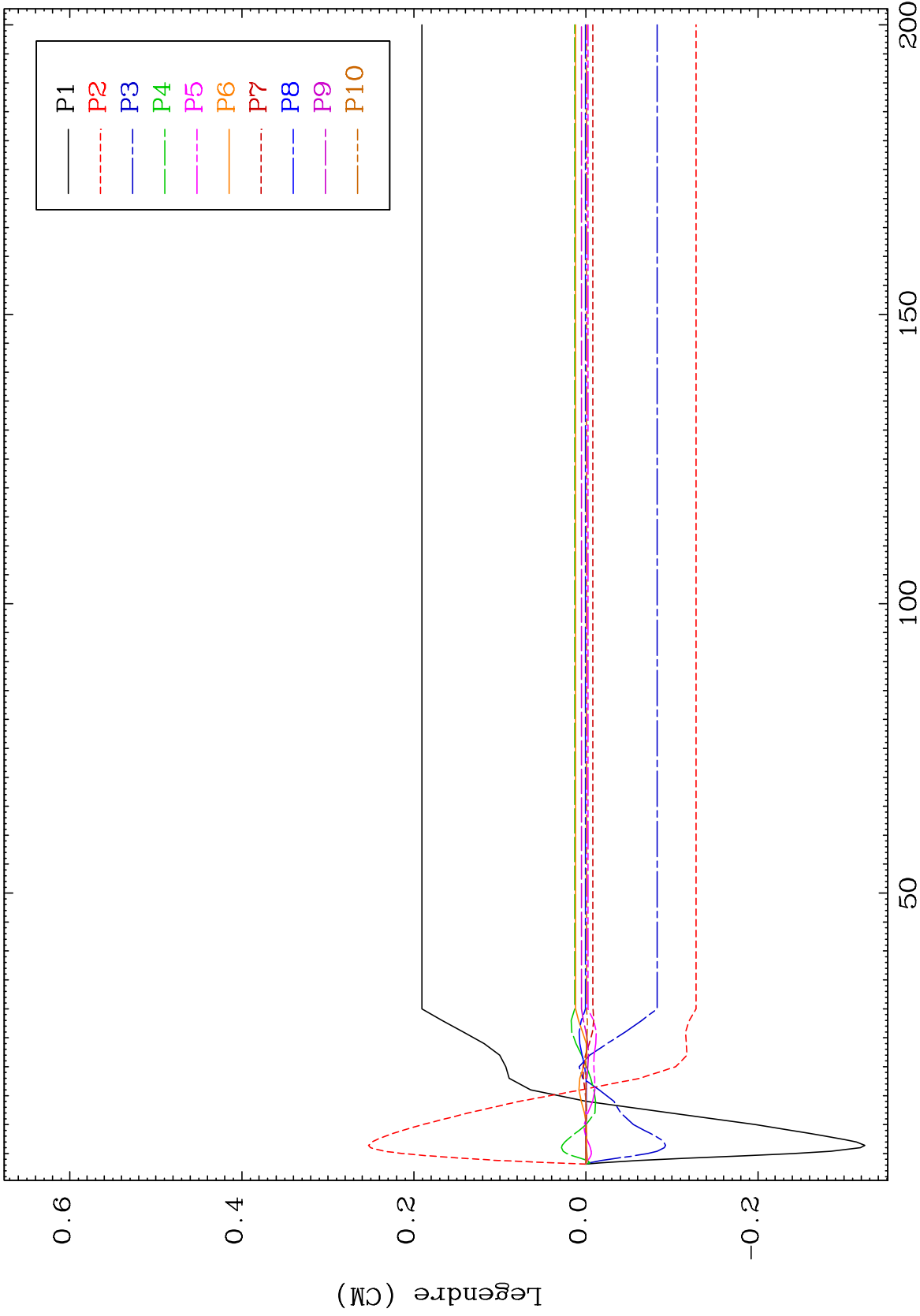
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



52

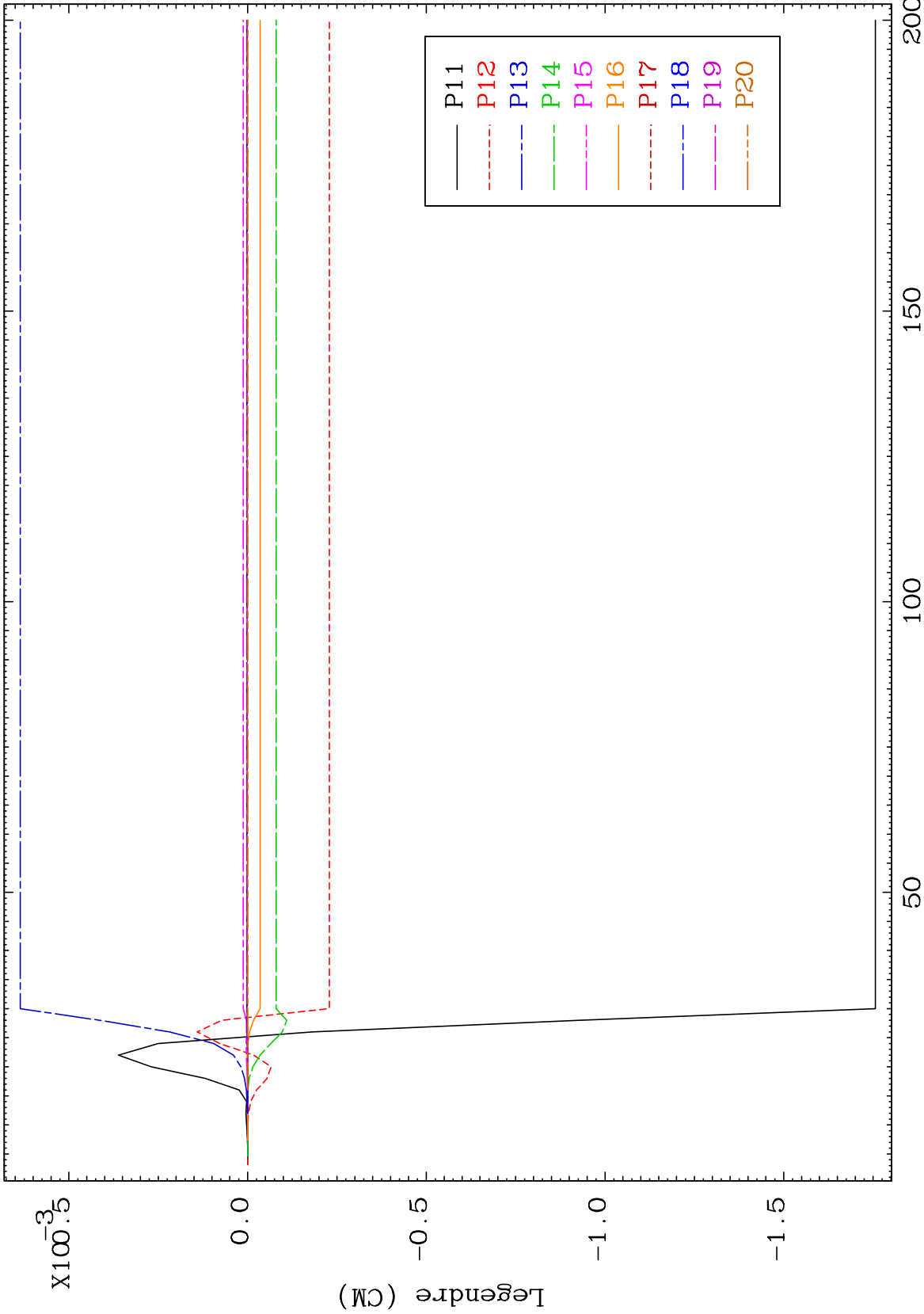
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



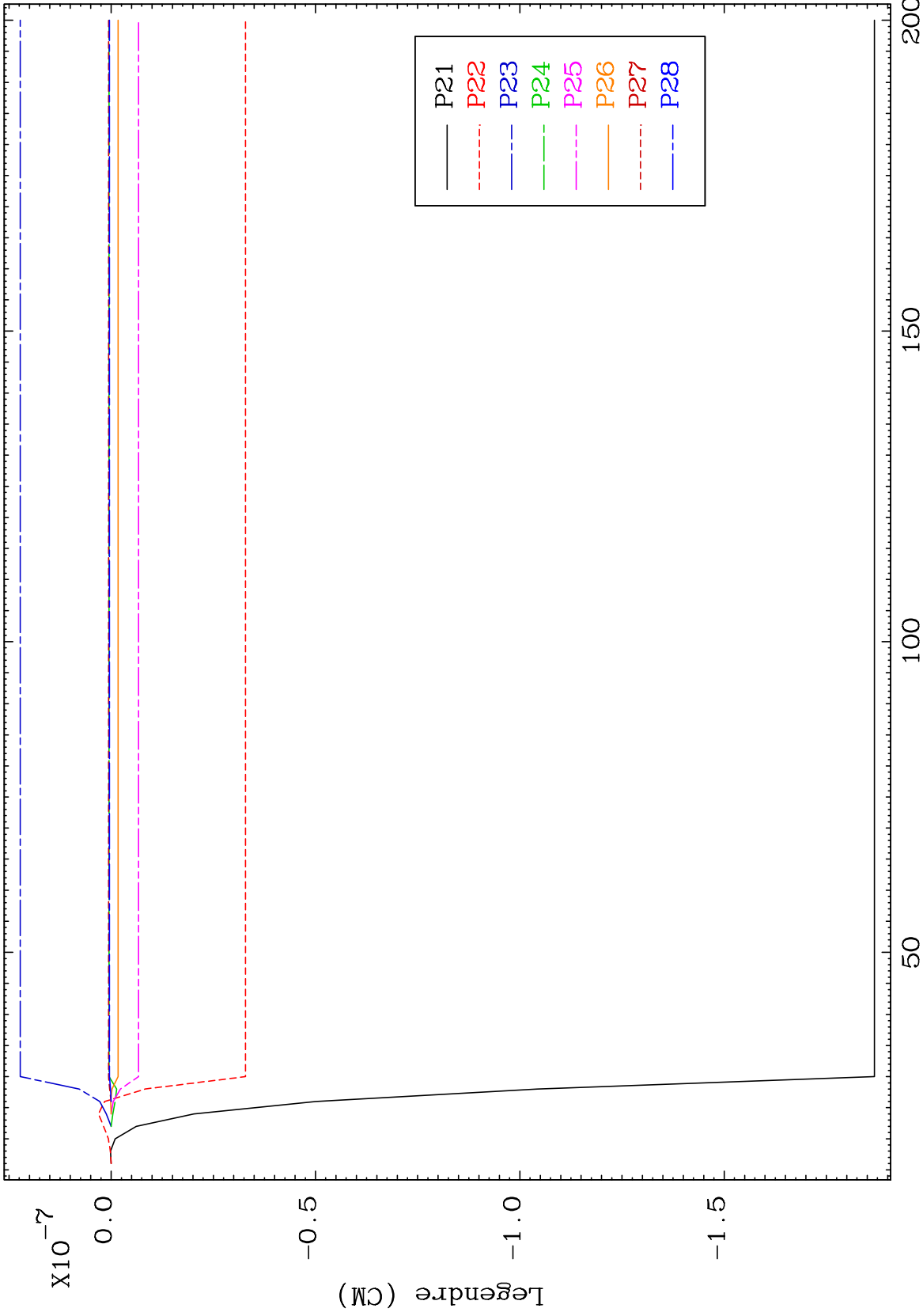
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56-Ba-120

MAT 5595

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

56-Ba-120



54

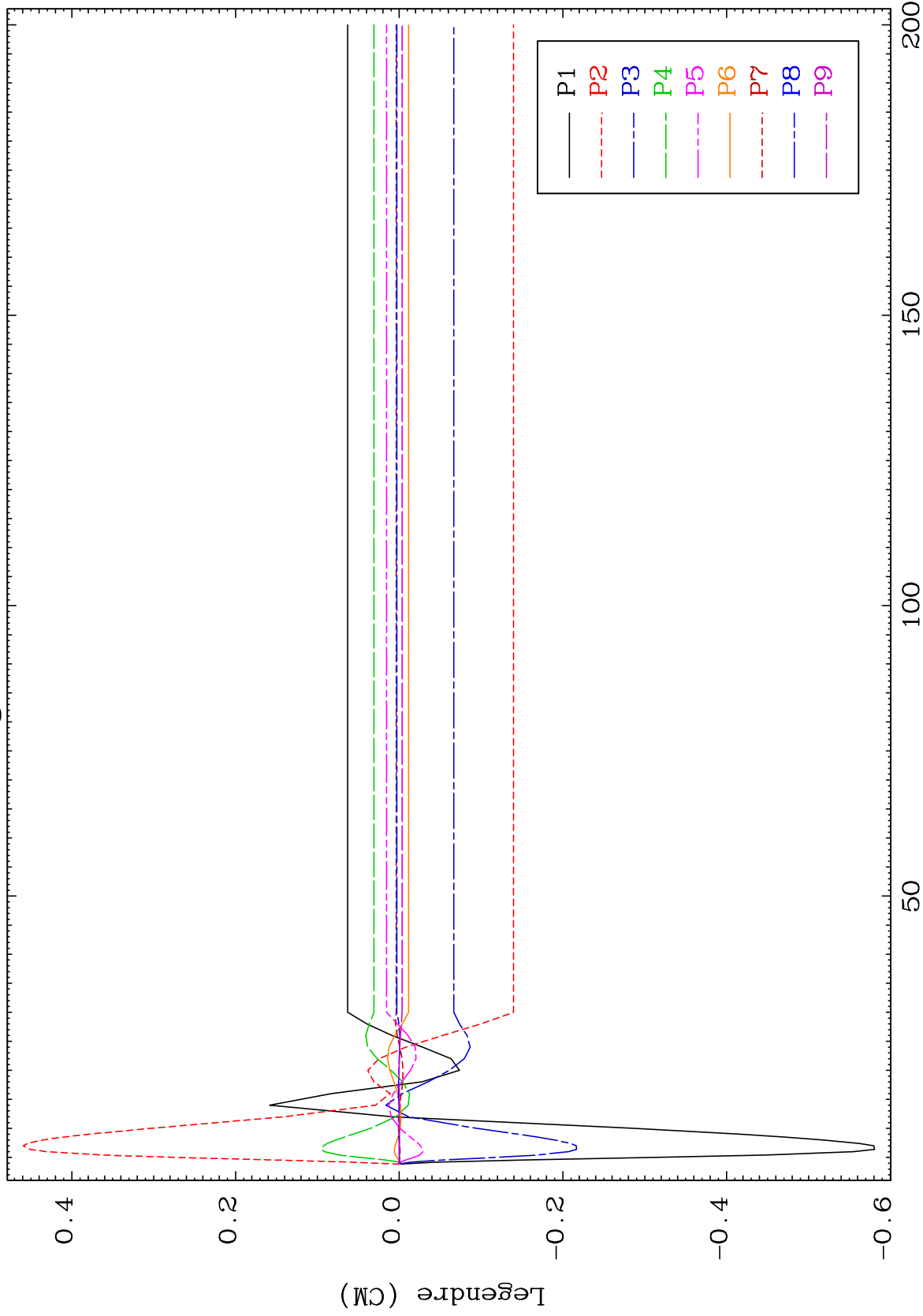
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120

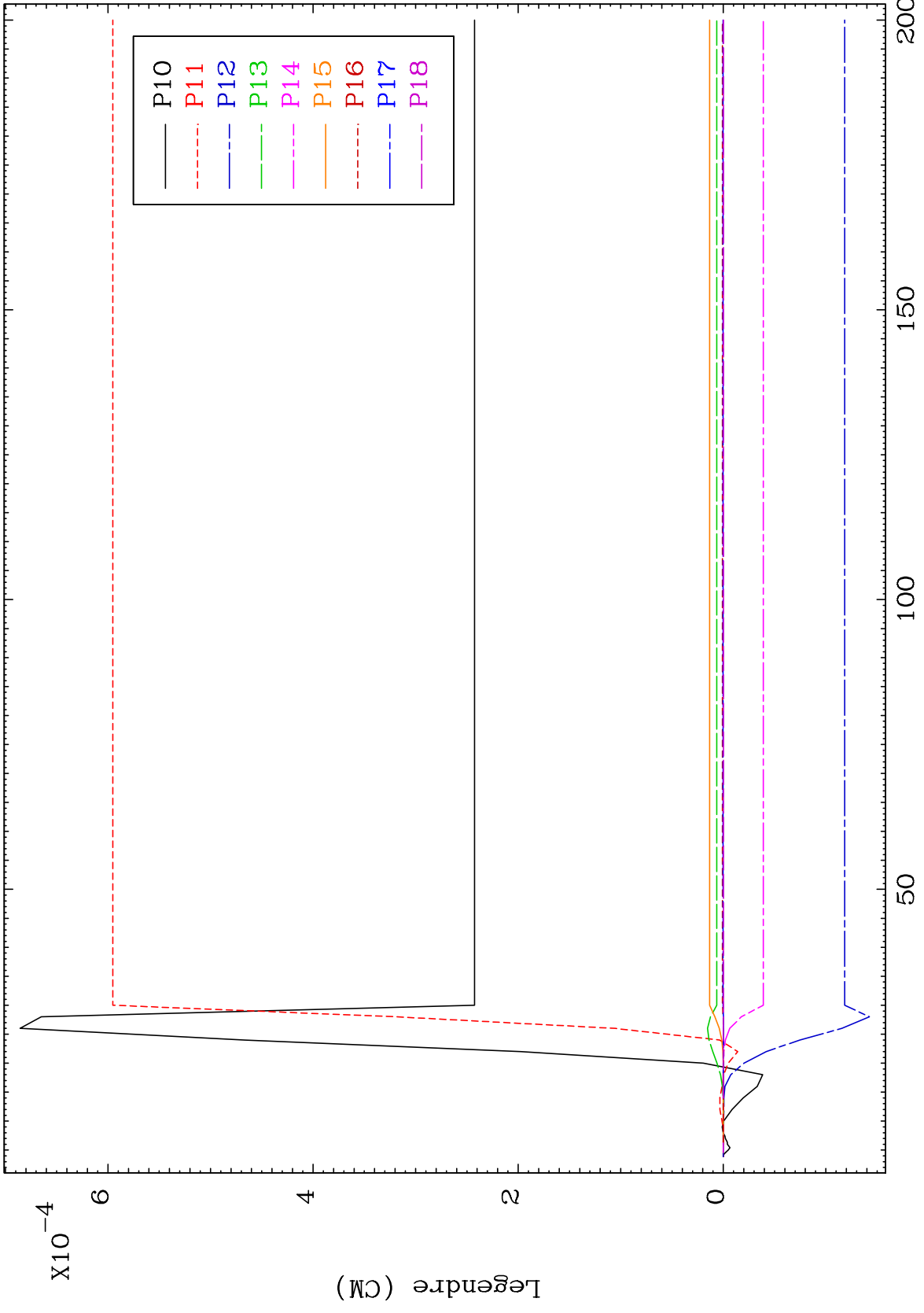


55

Incident Energy (MeV)

56-Ba-120

MAT 5595 MT= 61 (n,n') Level Legendre Coefficients 56-Ba-120

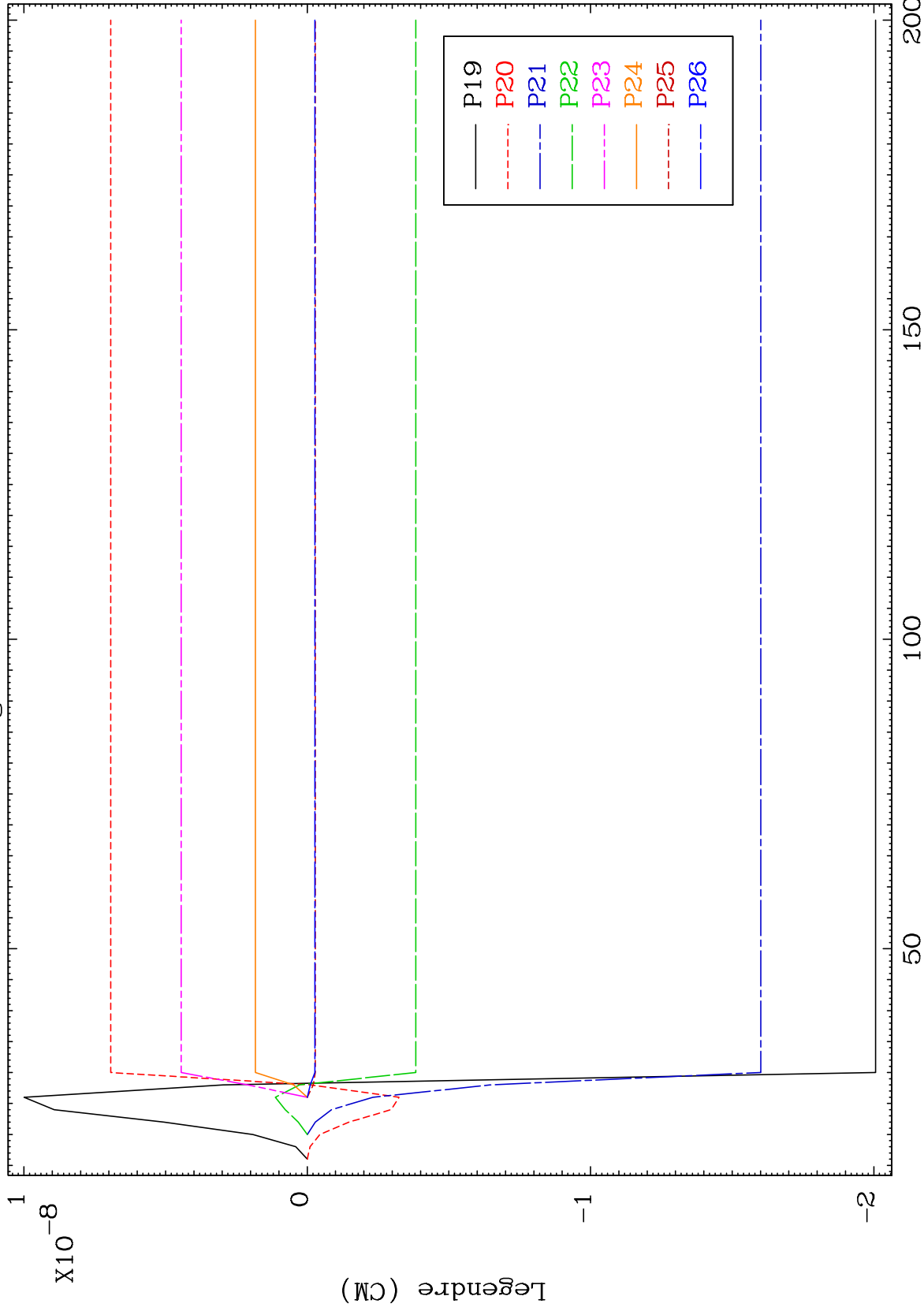


56

MAT 5595

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

56-Ba-120

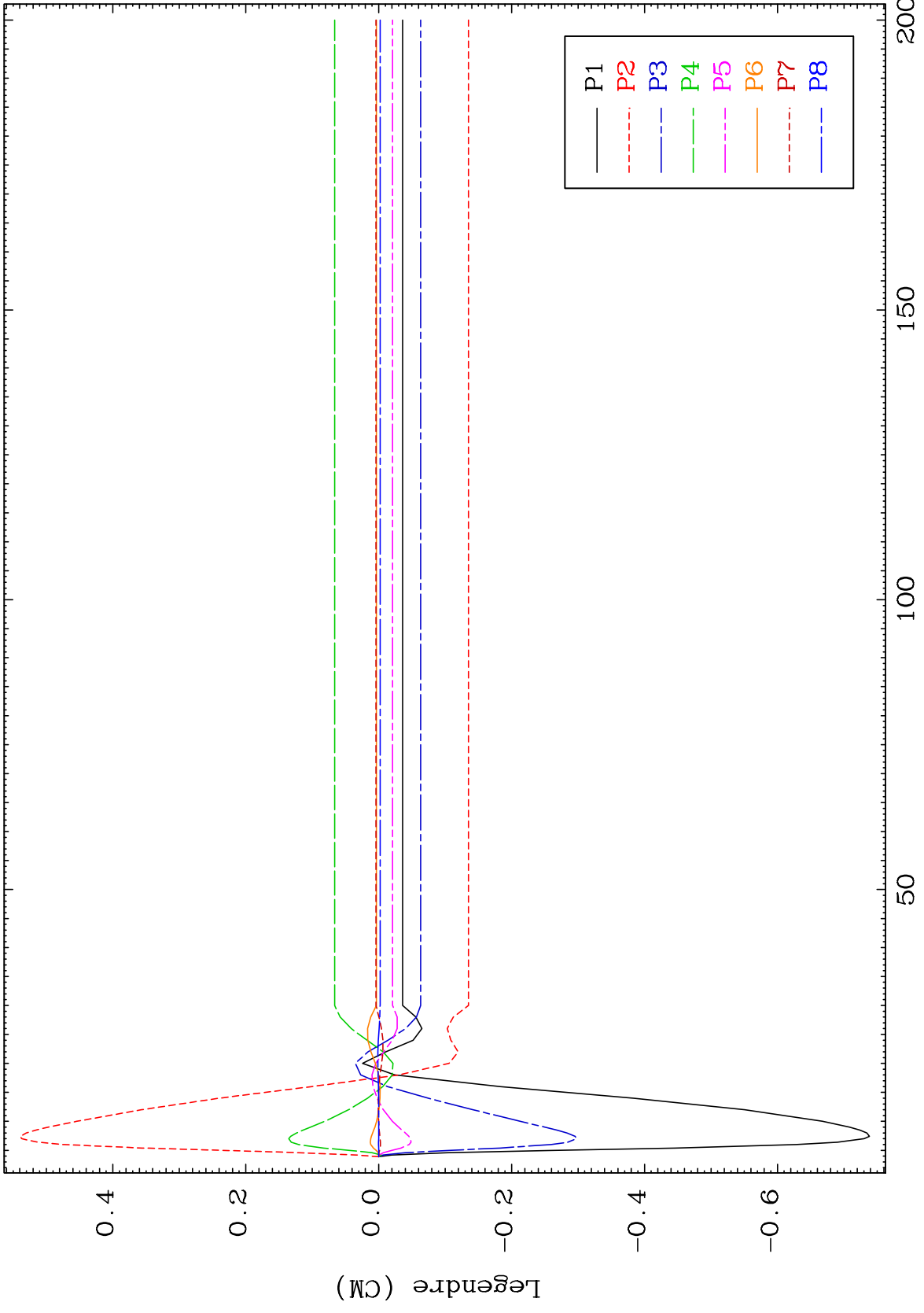


57

Incident Energy (MeV)

56-Ba-120

MAT 5595 MT= 62 (n,n') Level Legendre Coefficients 56-Ba-120

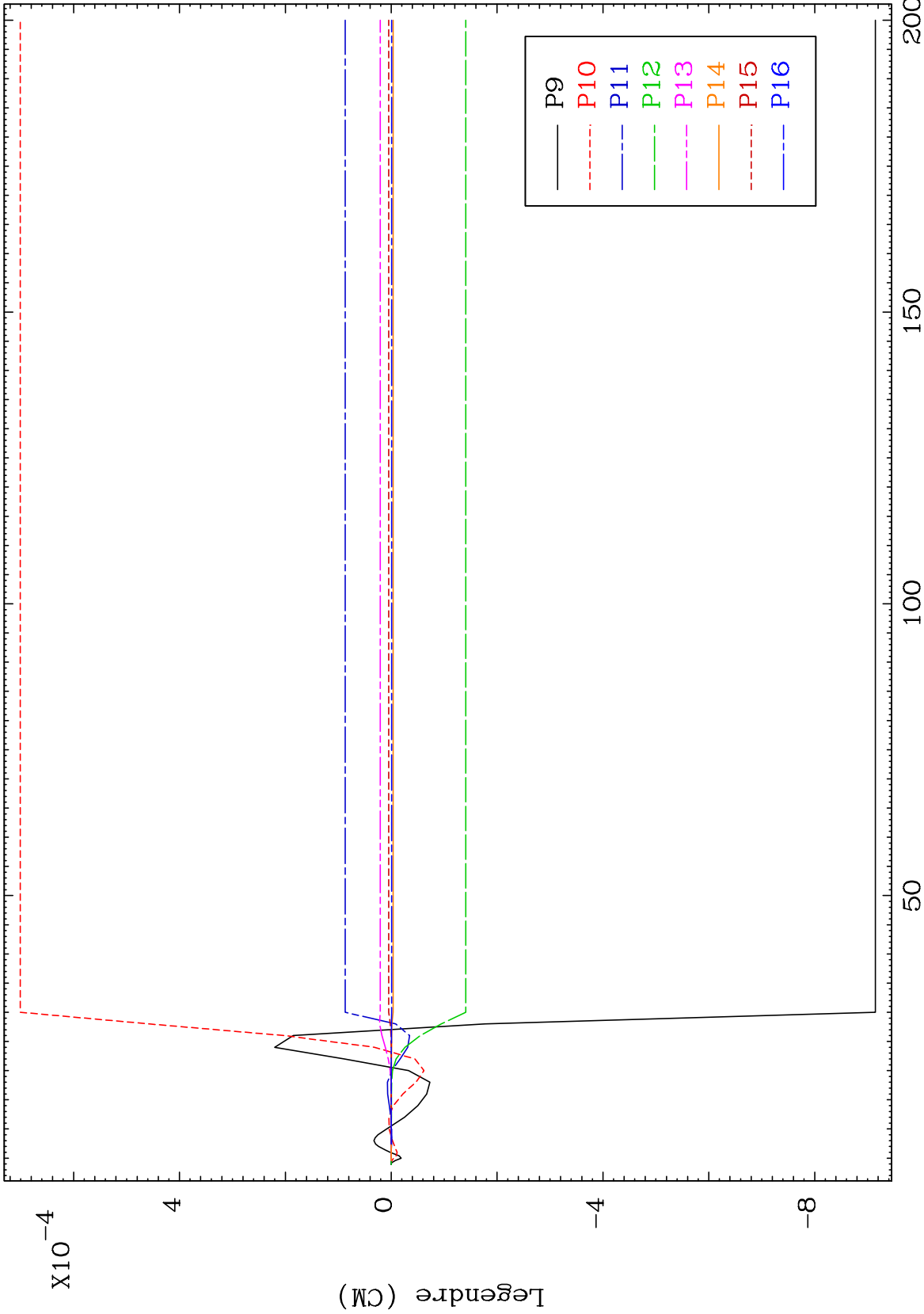


58 50 100 150 200 56-Ba-120

MAT 5595

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

56-Ba-120

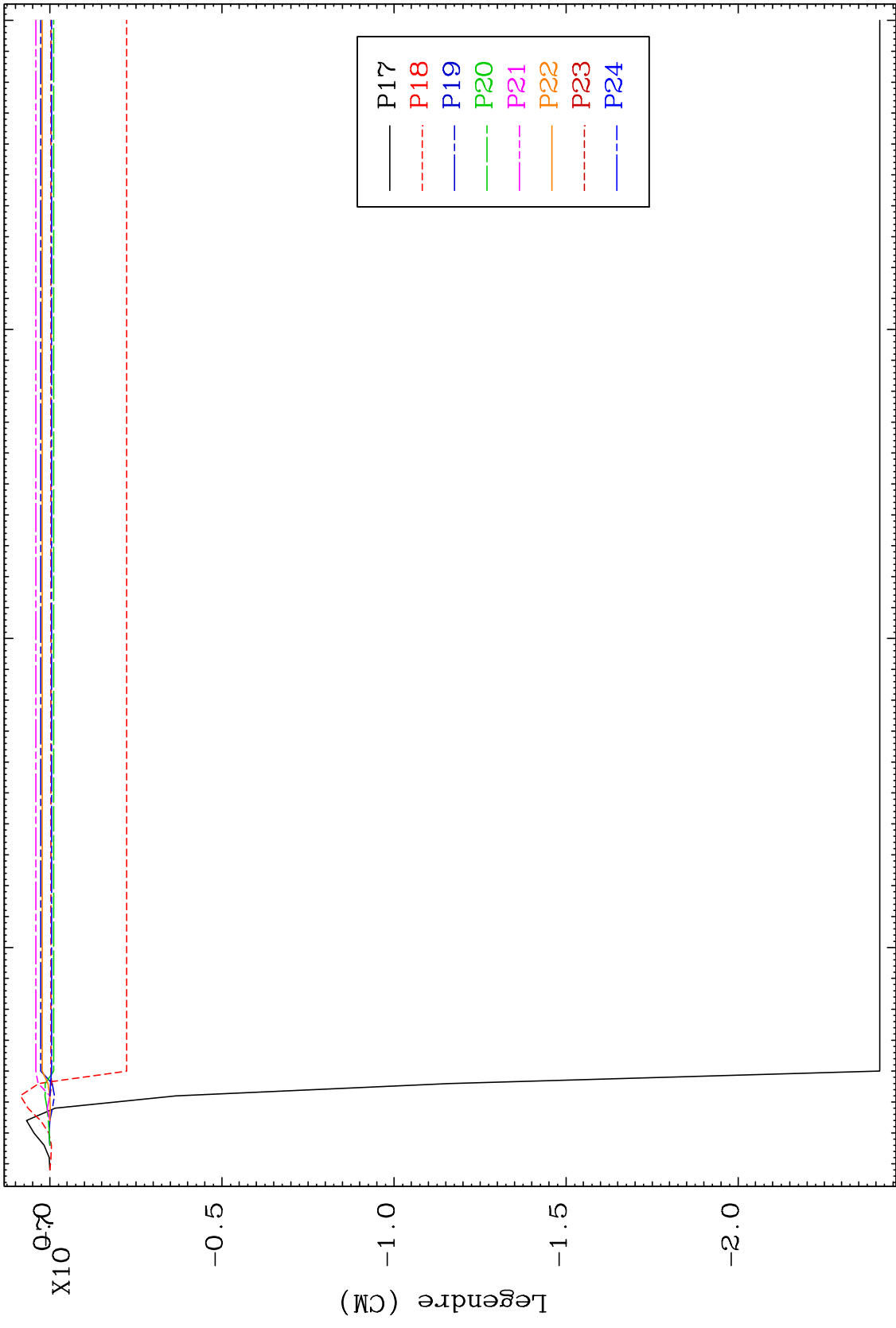


59

Incident Energy (MeV)

56-Ba-120

MAT 5595 MT= 62 (n,n') Level Legendre Coefficients 56-Ba-120

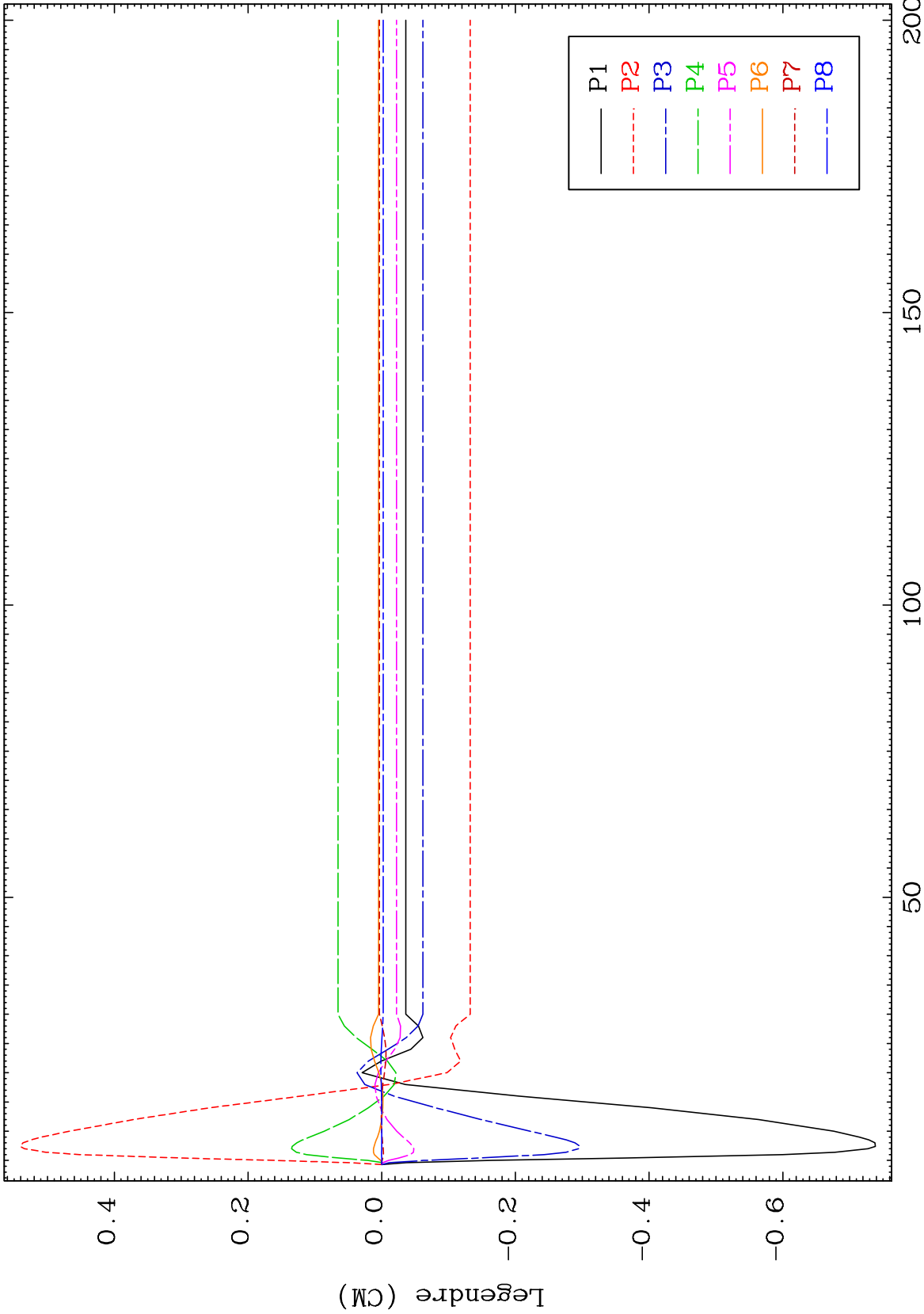


60 Incident Energy (MeV) 56-Ba-120

MAT 5595

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

56-Ba-120



61

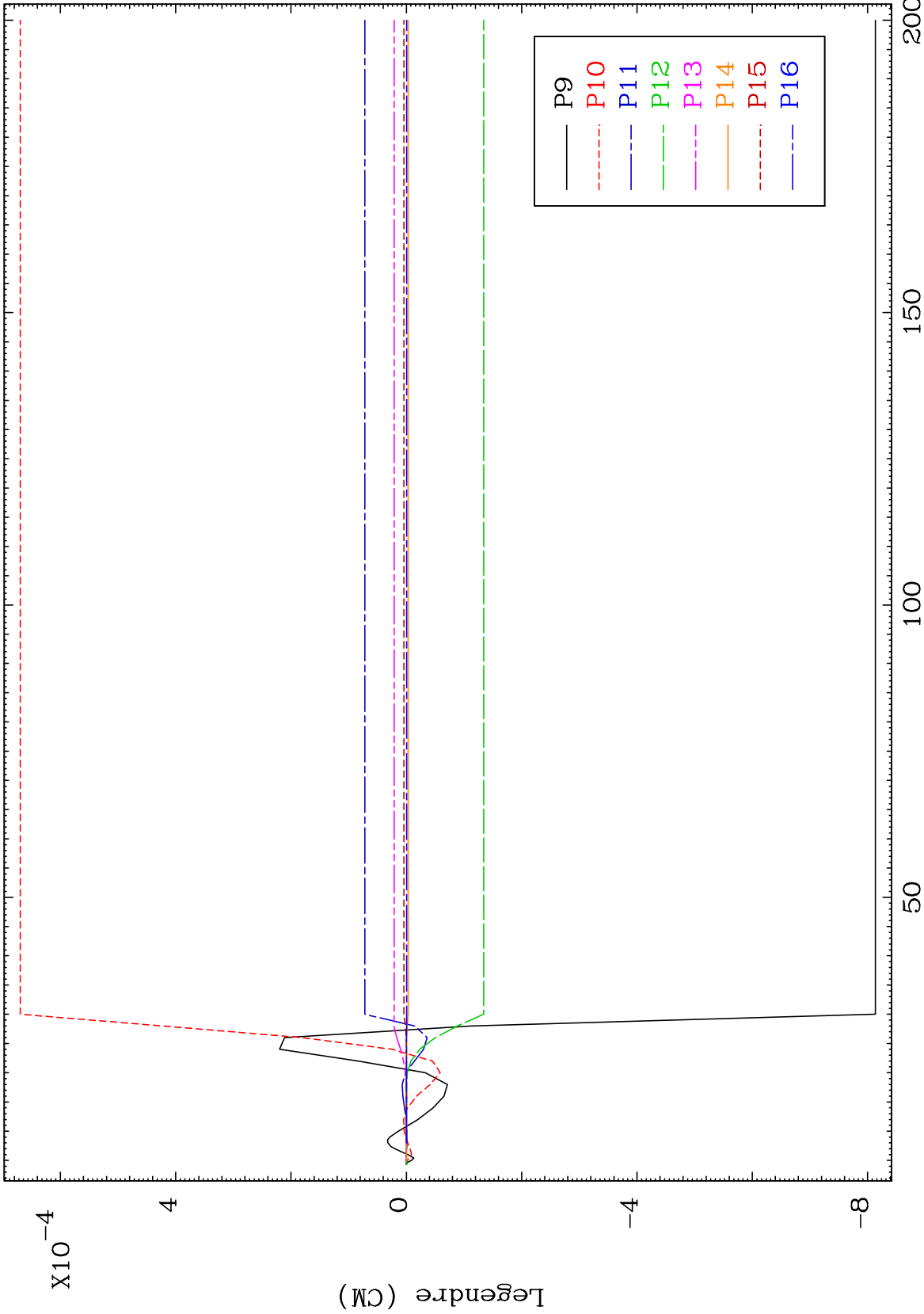
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

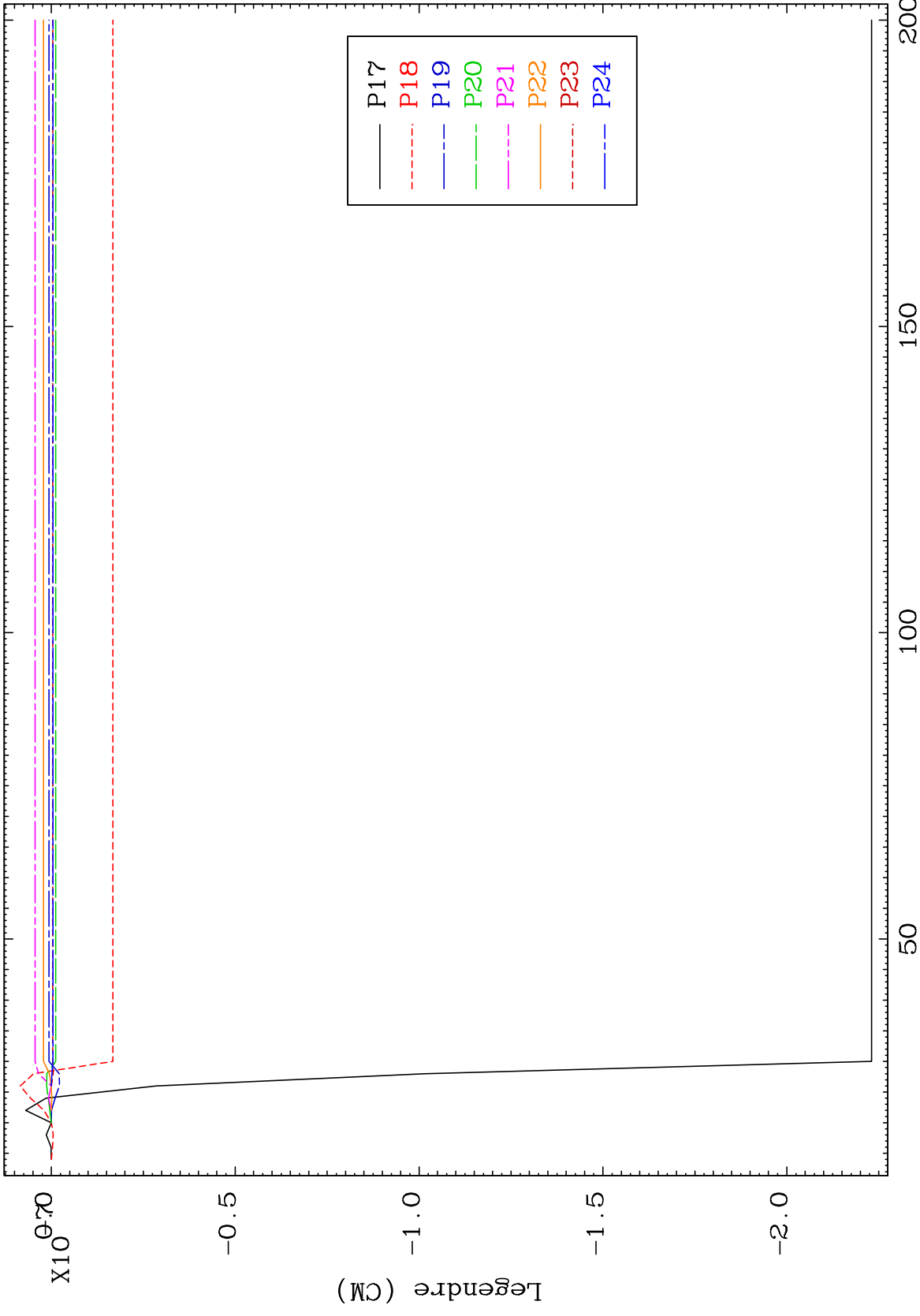
56-Ba-120



62

56-Ba-120

MAT 5595 MT= 63 (n,n') Level Legendre Coefficients 56-Ba-120

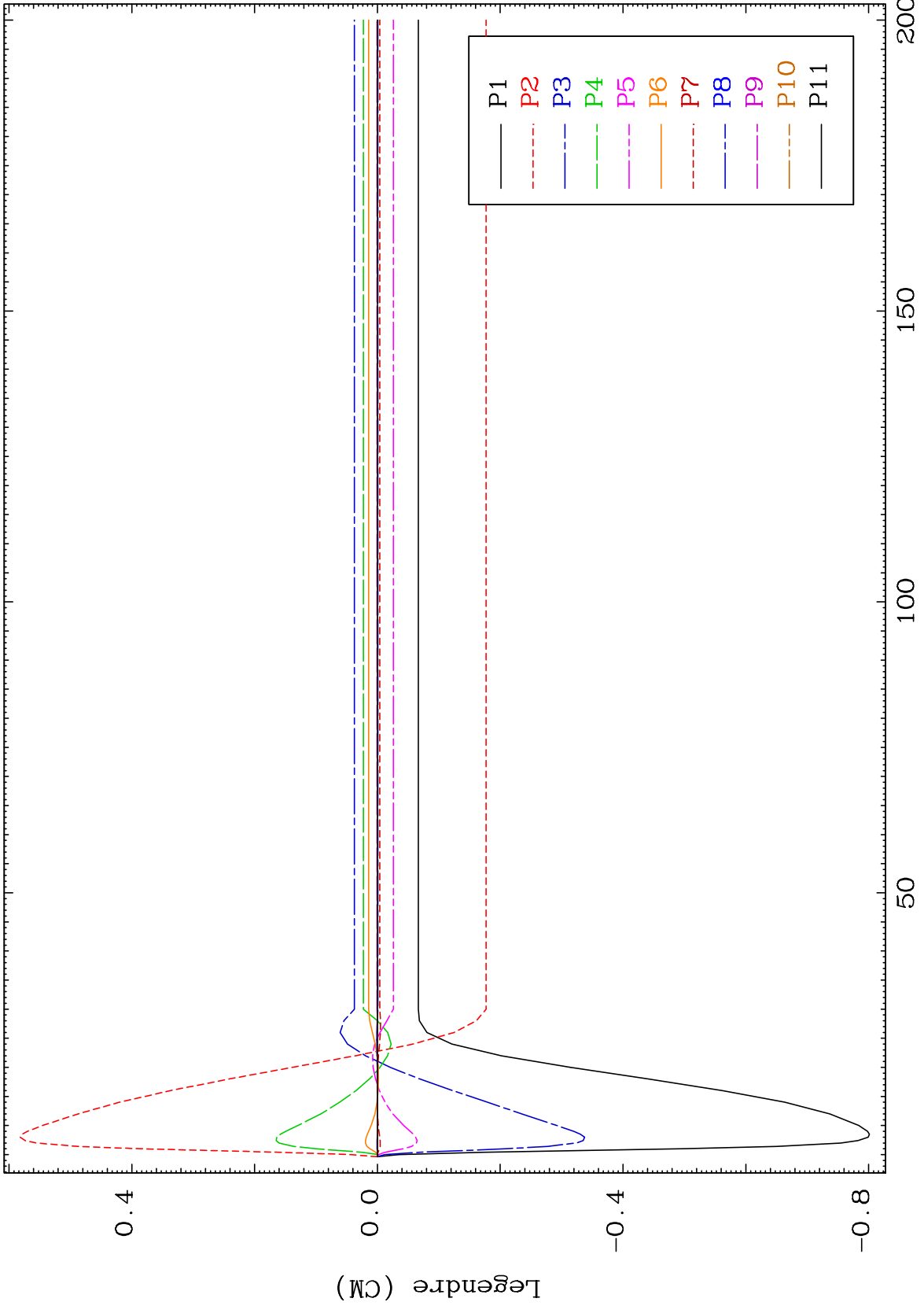


63 56-Ba-120

MAT 5595

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

56-Ba-120



64

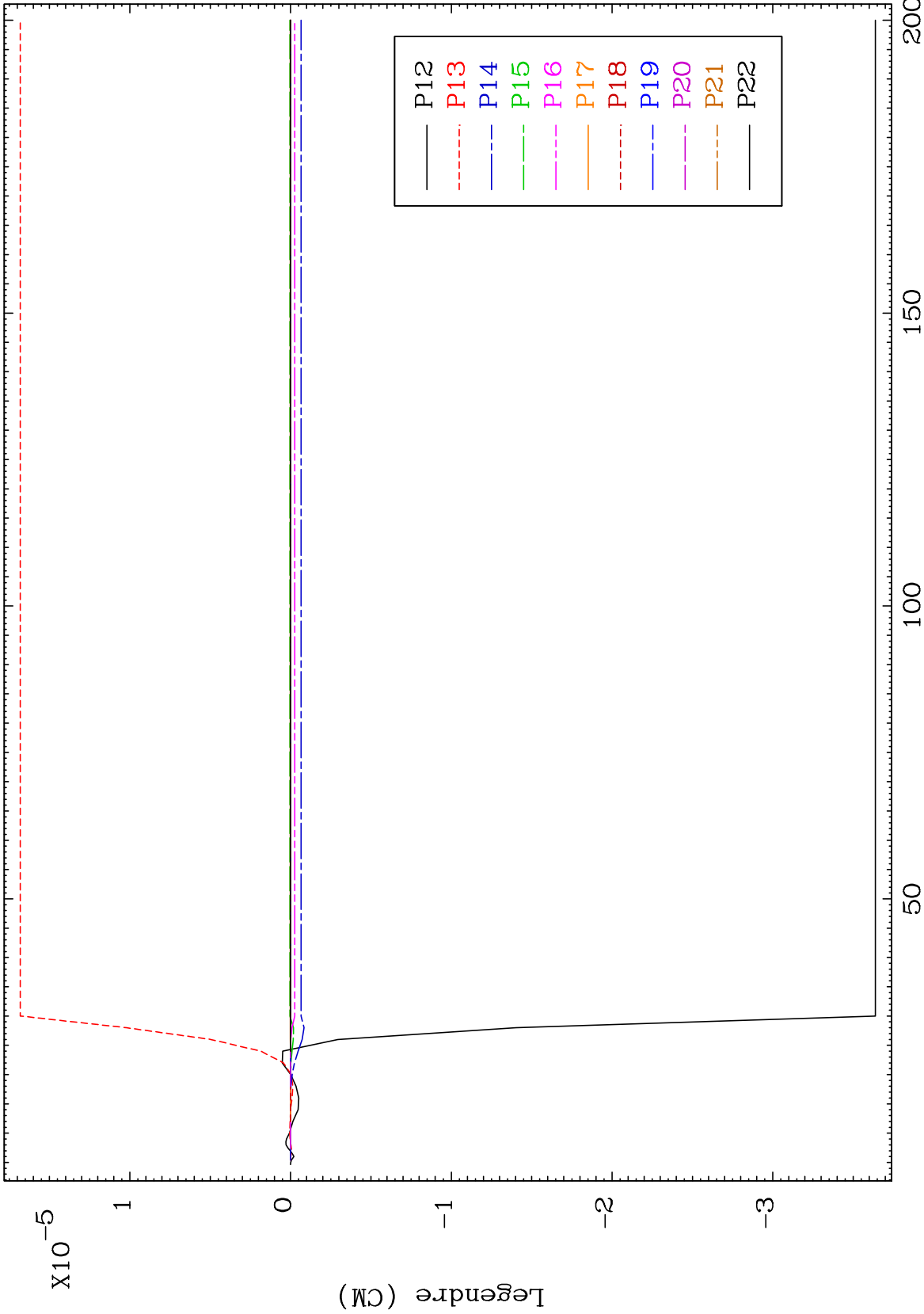
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

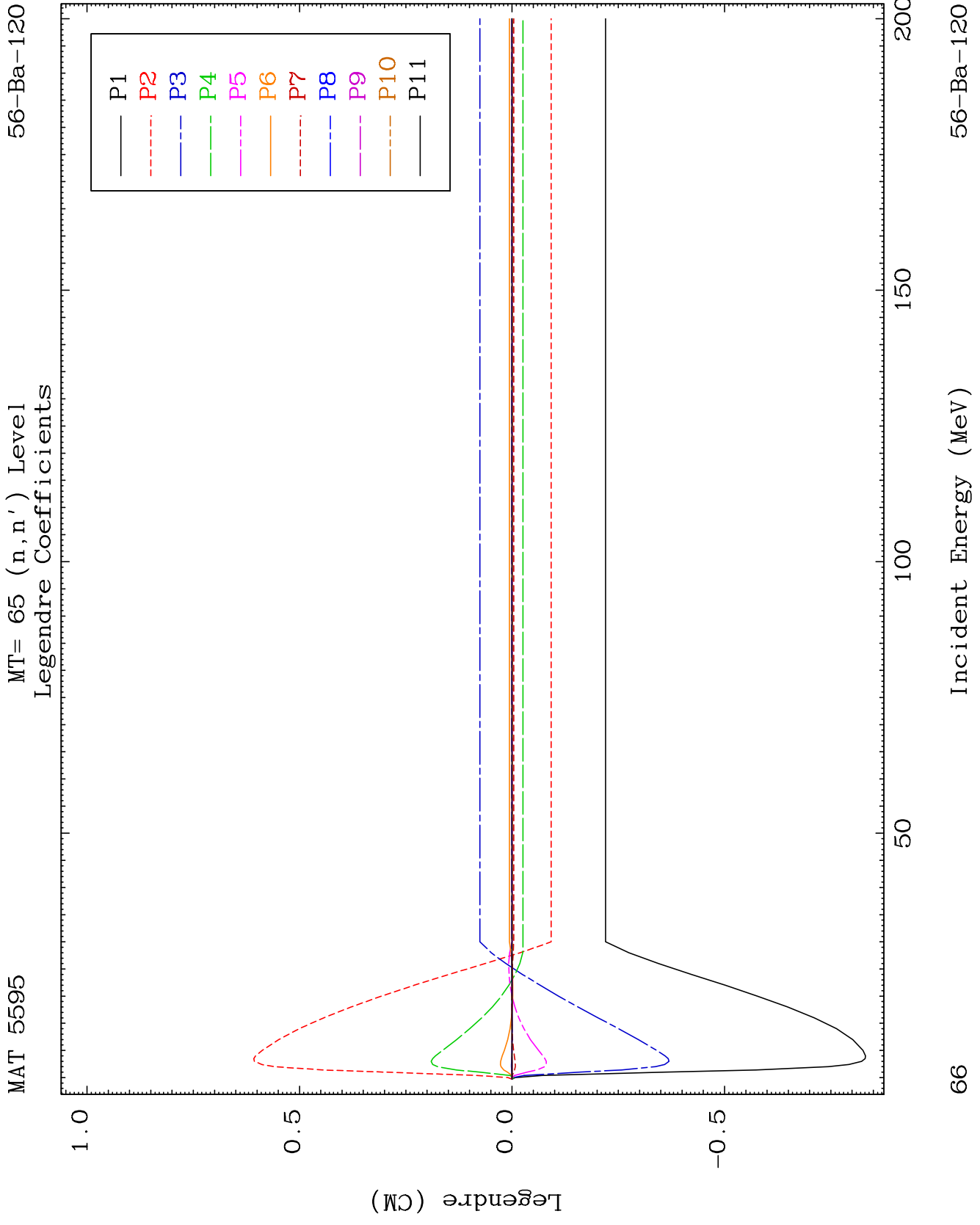
56-Ba-120



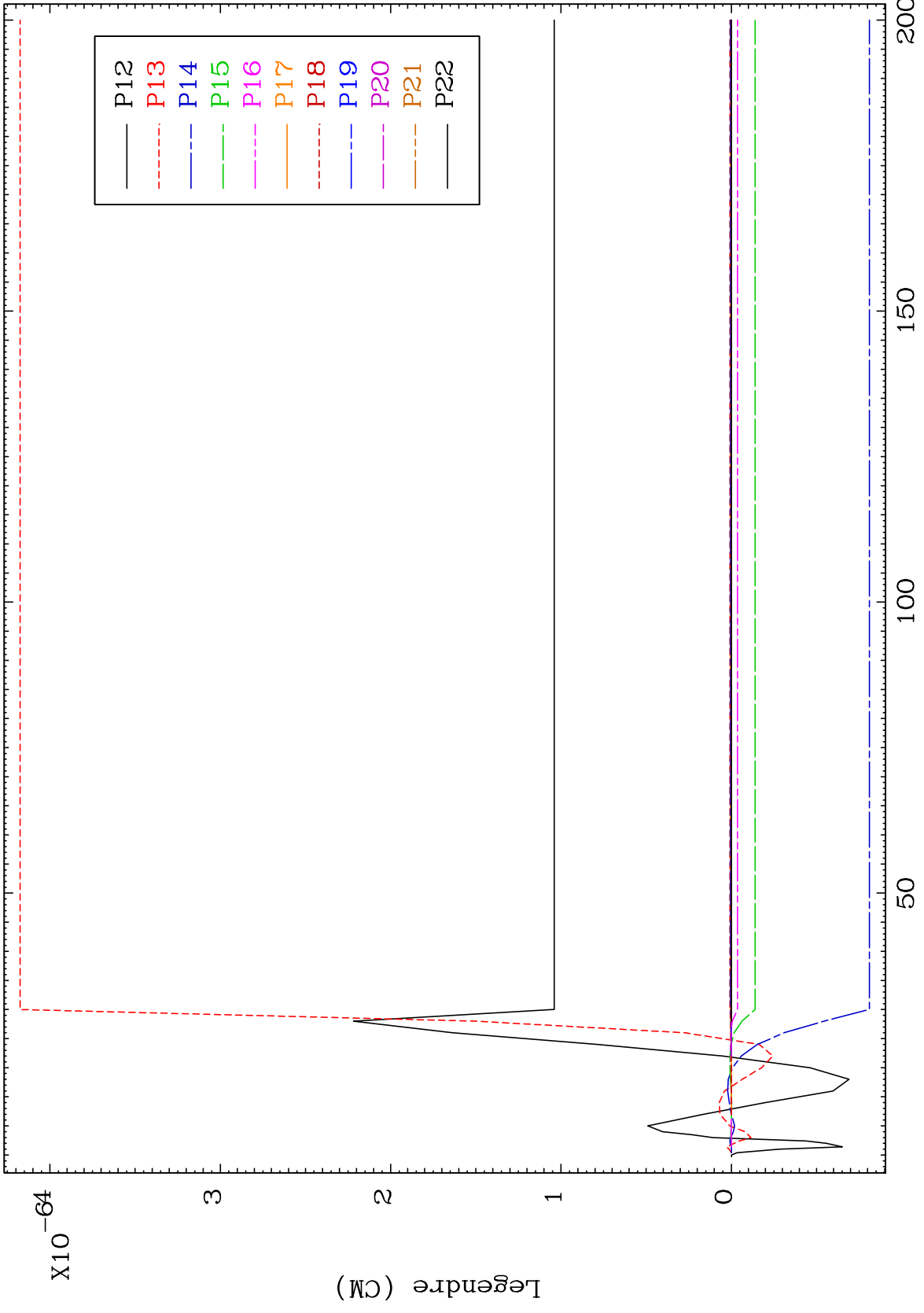
65

Incident Energy (MeV)

56-Ba-120



MAT 5595 MT= 65 (n,n') Level Legendre Coefficients 56-Ba-120

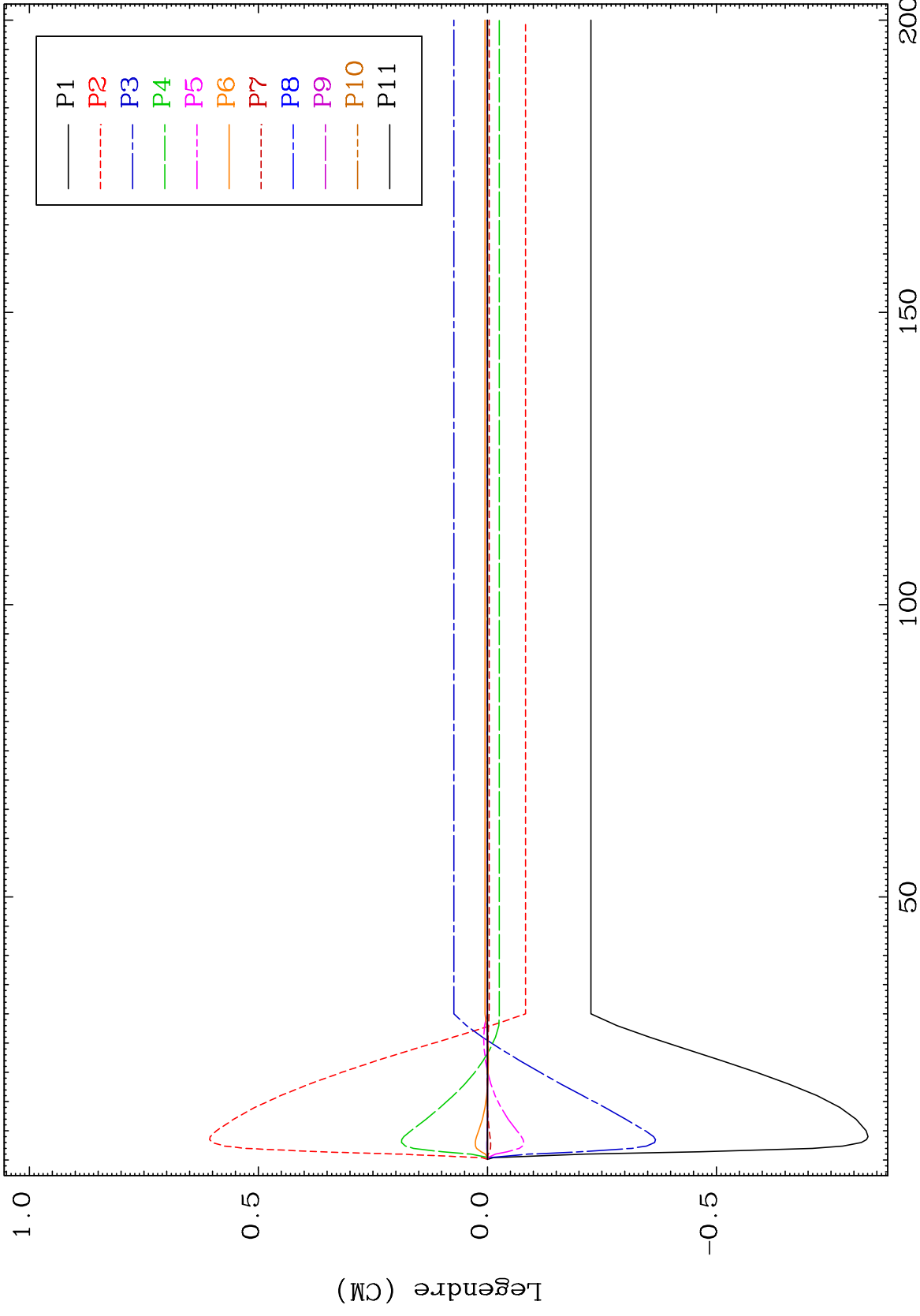


67 56-Ba-120

MAT 5595

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

56-Ba-120



68

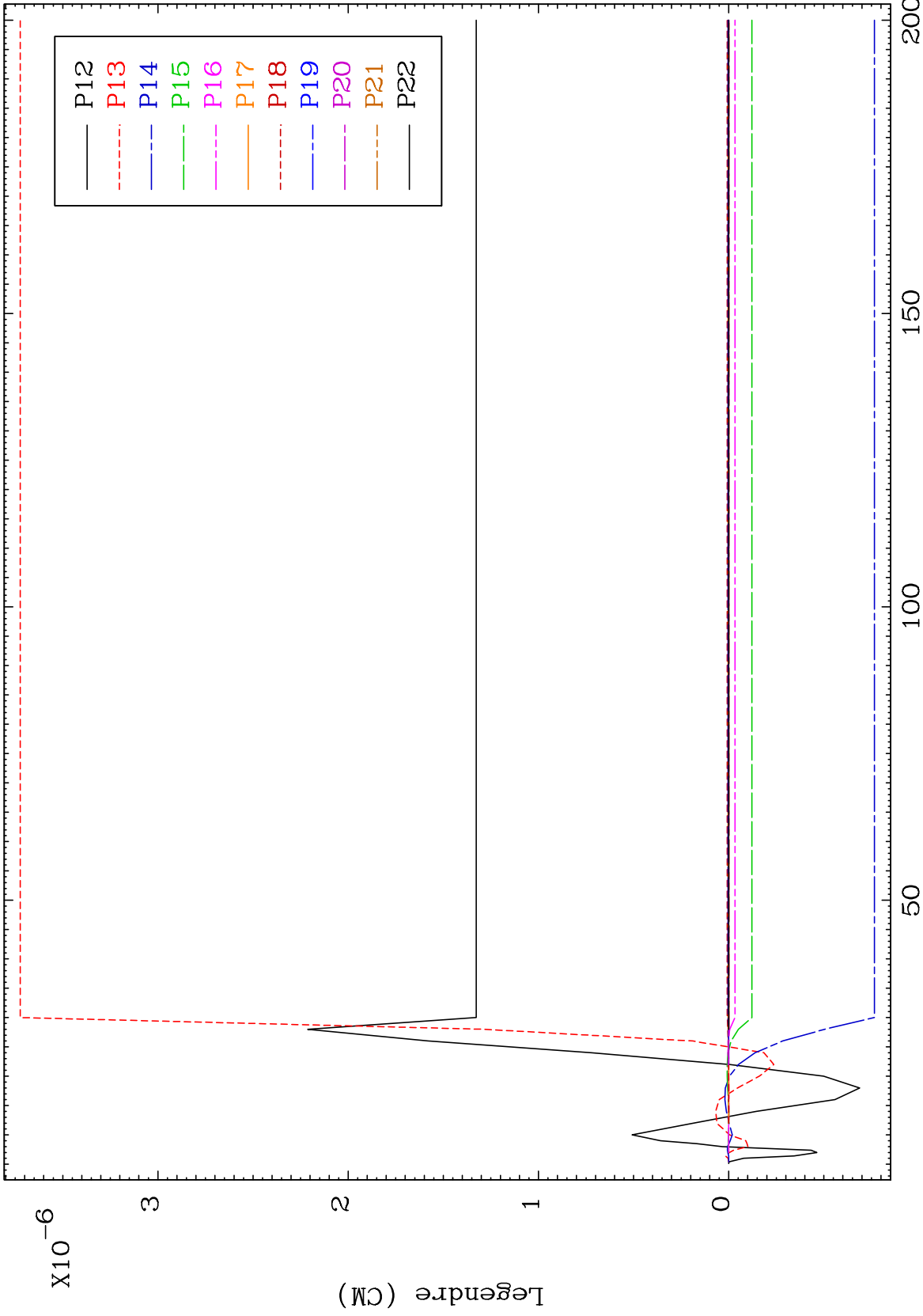
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



69

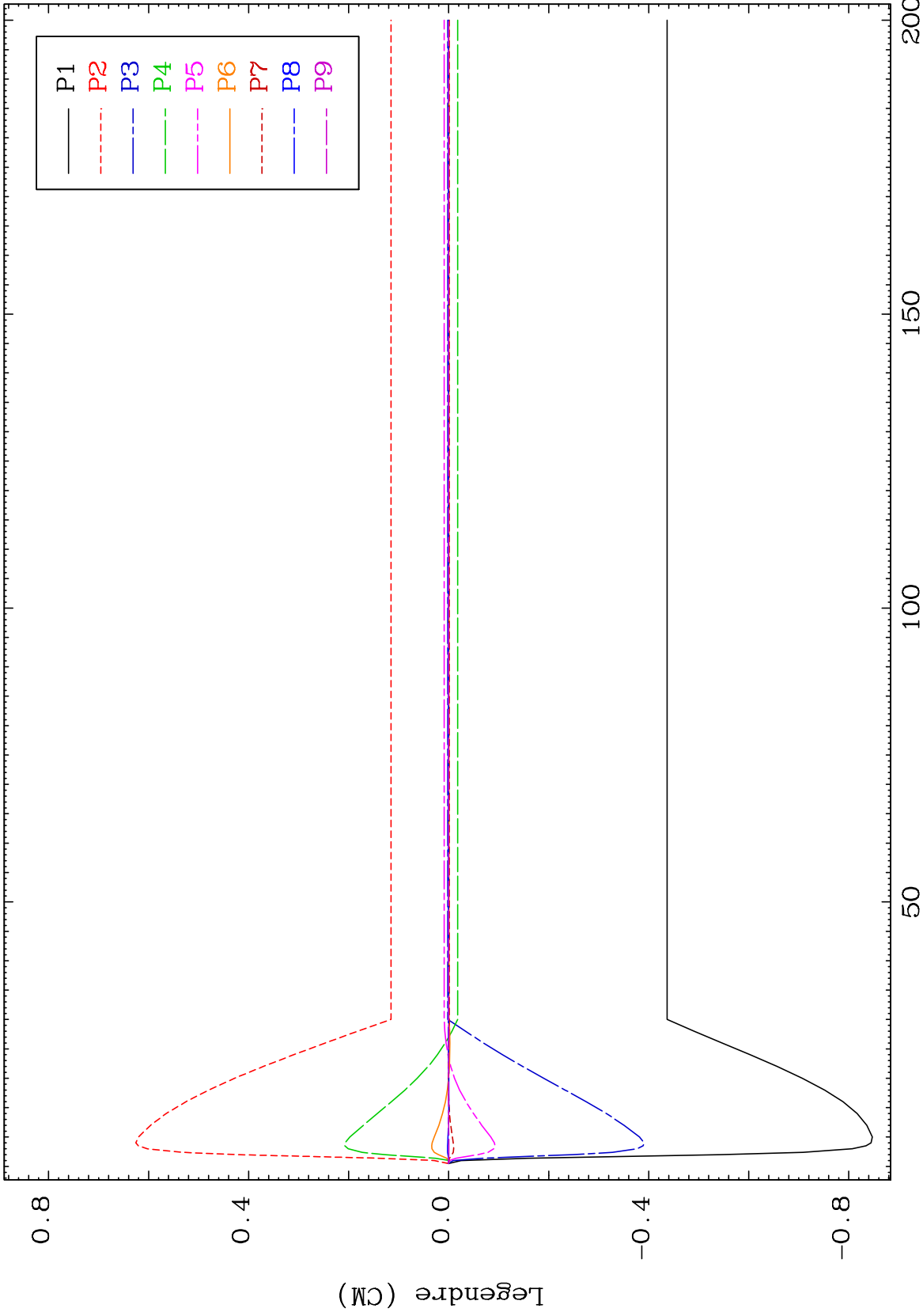
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



70

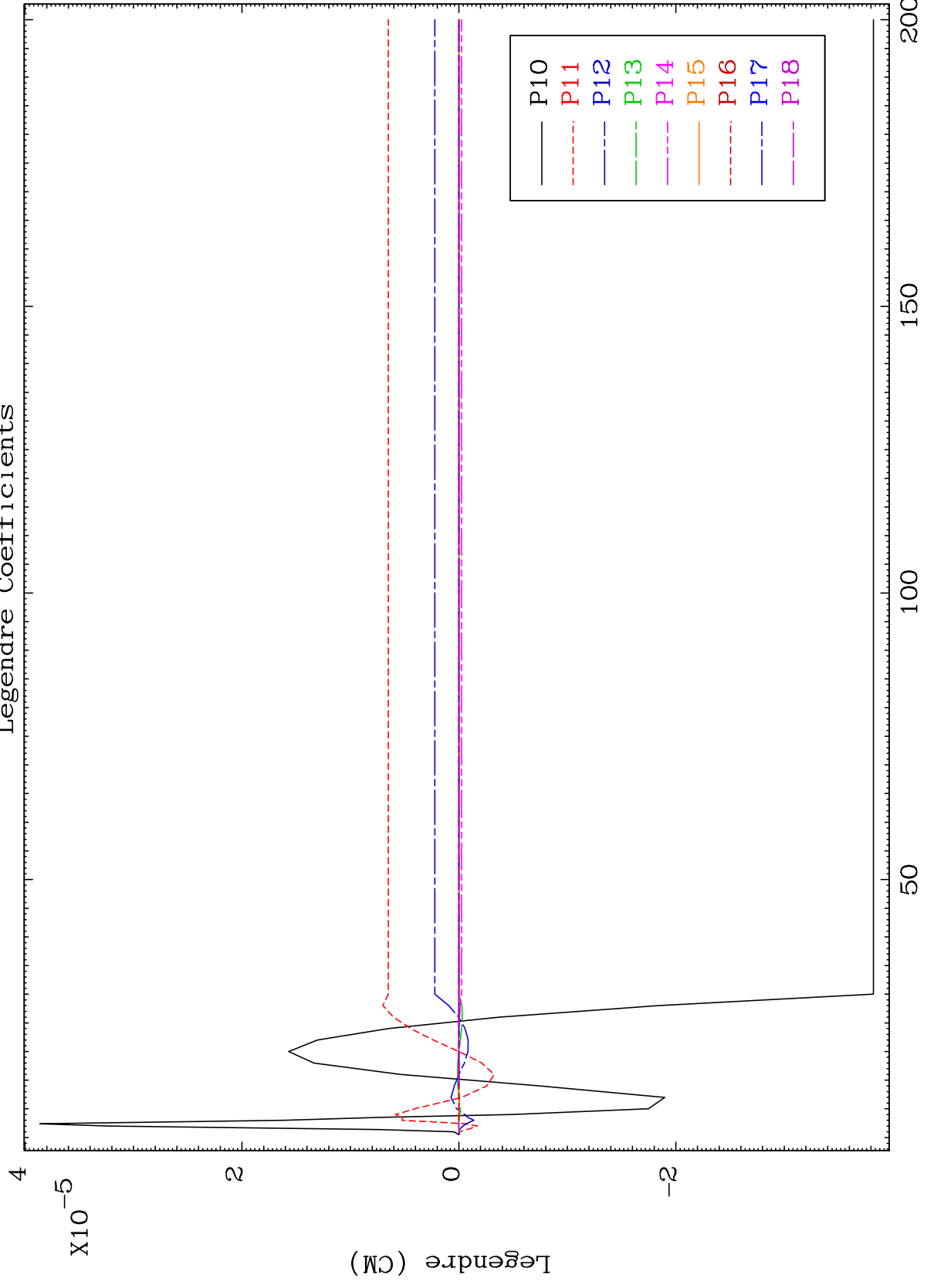
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



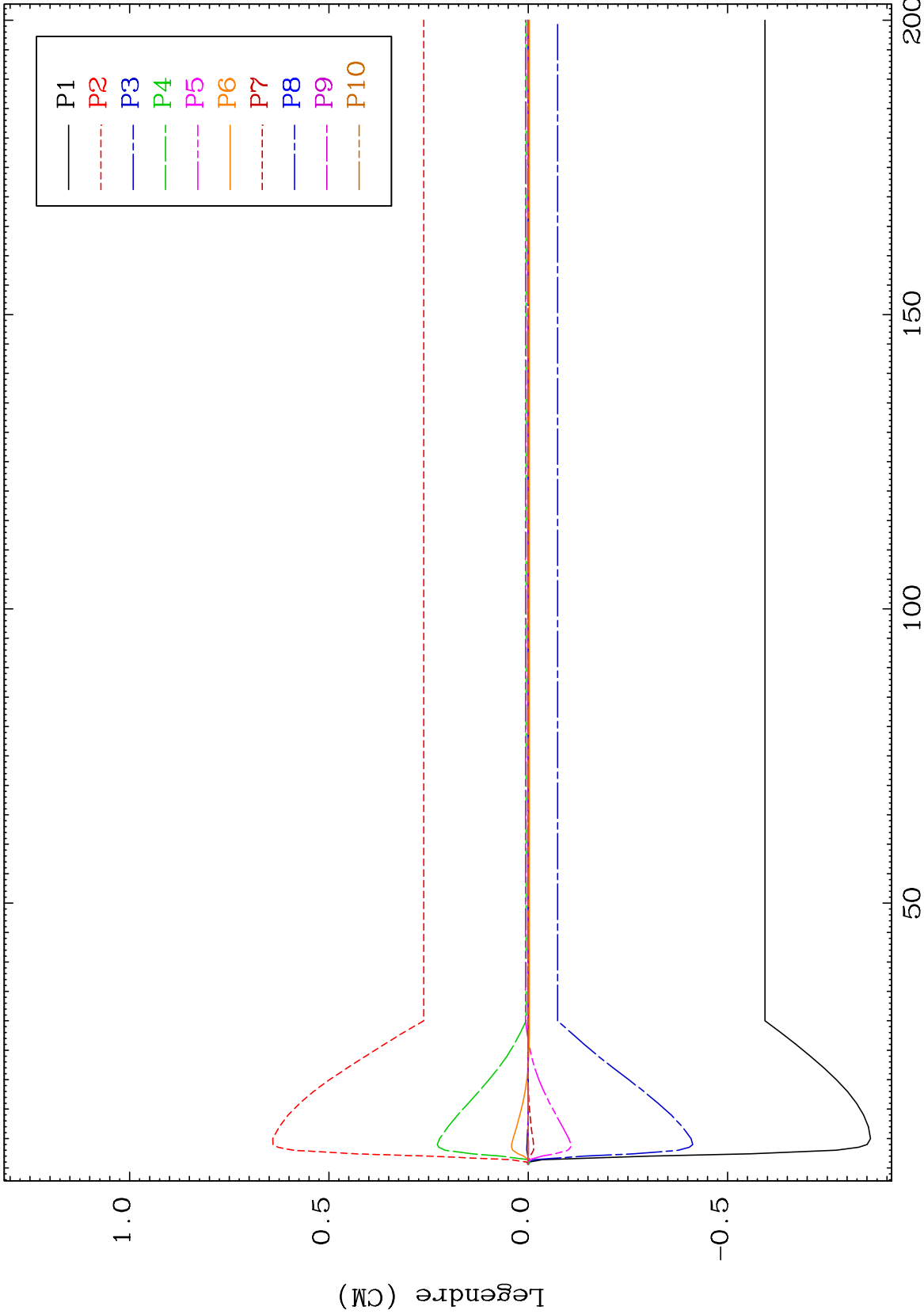
71

56-Ba-120

MAT 5595

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

56-Ba-120



72

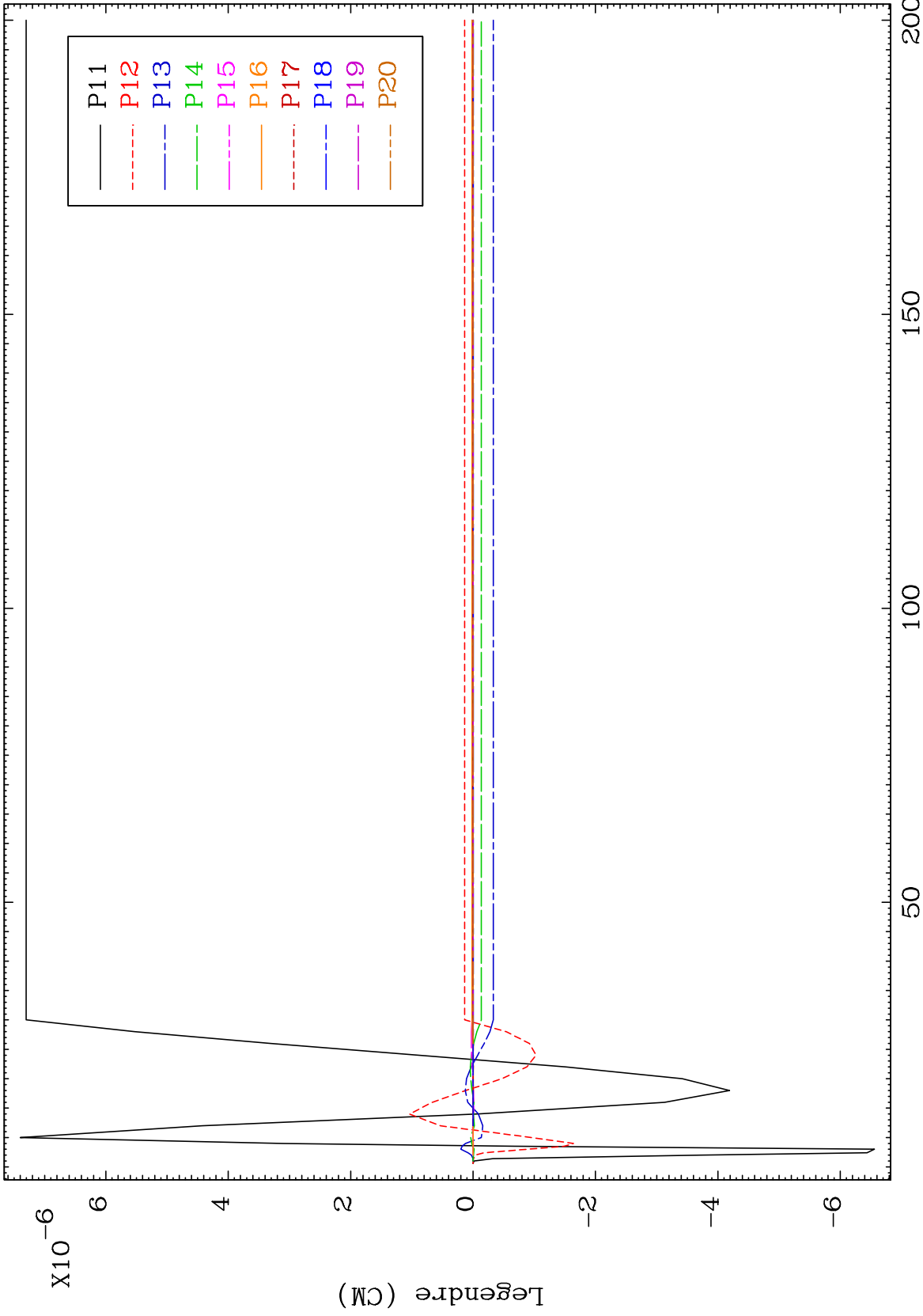
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

56-Ba-120



73

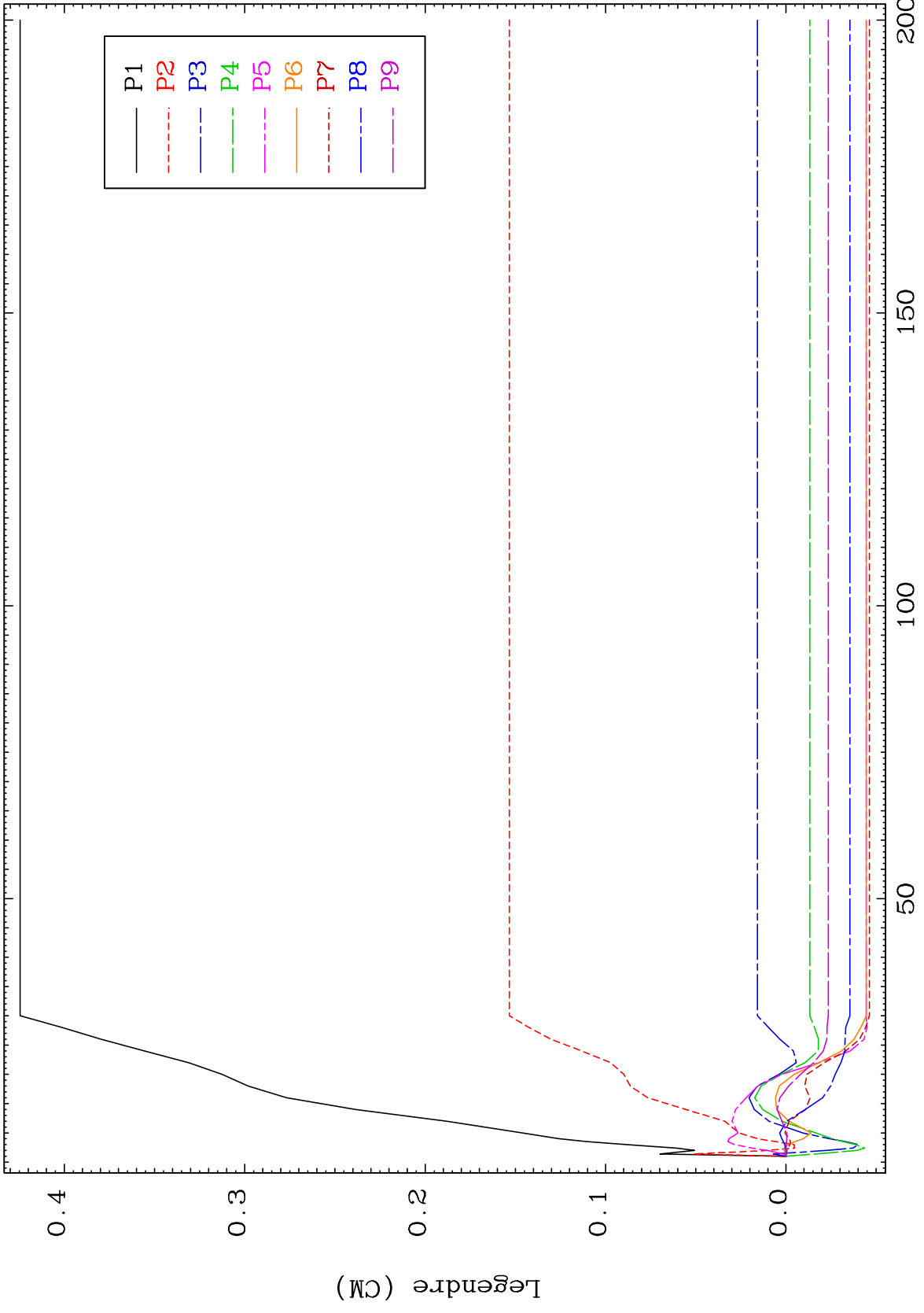
Incident Energy (MeV)

56-Ba-120

MAT 5595

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

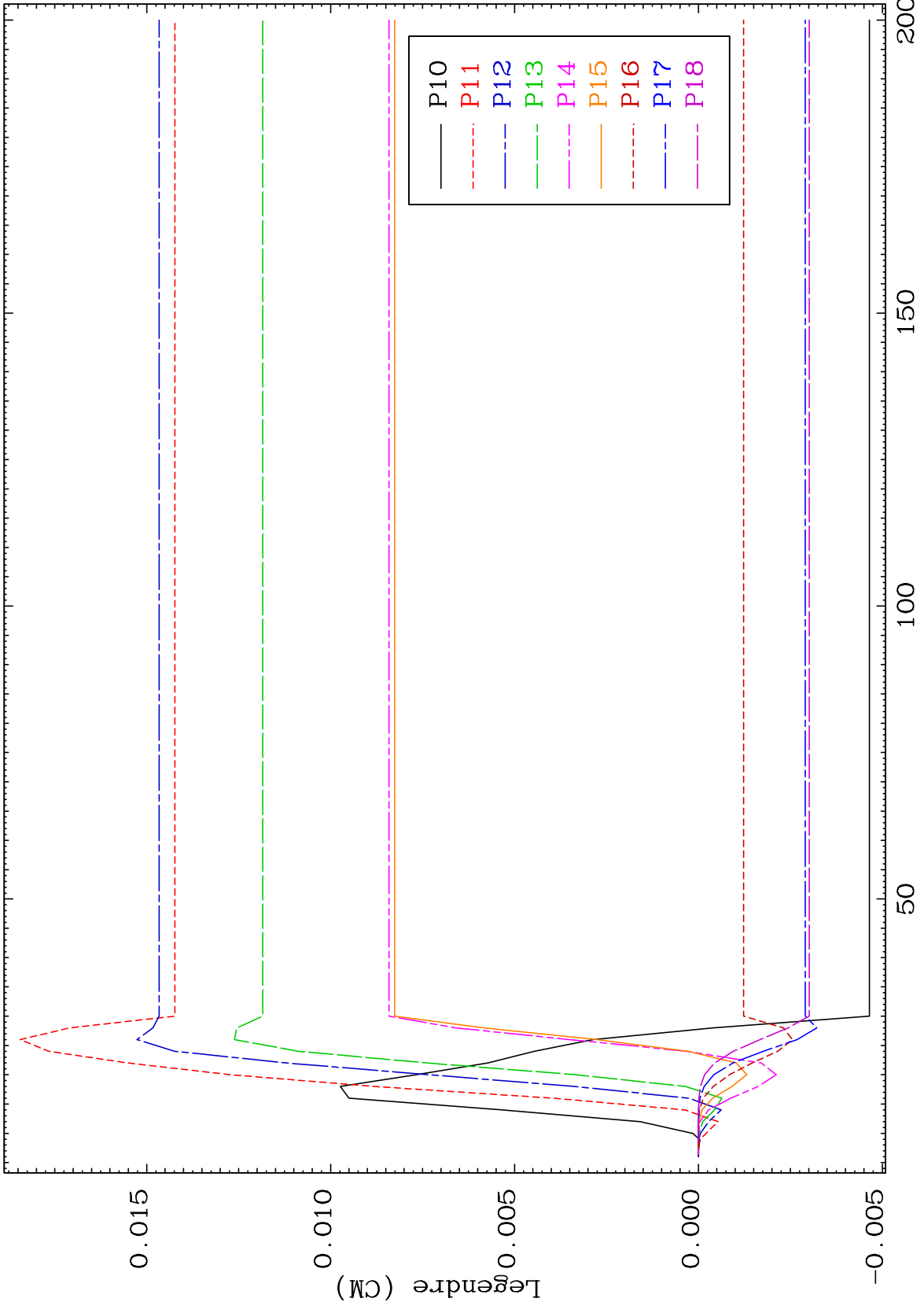
56-Ba-120



74

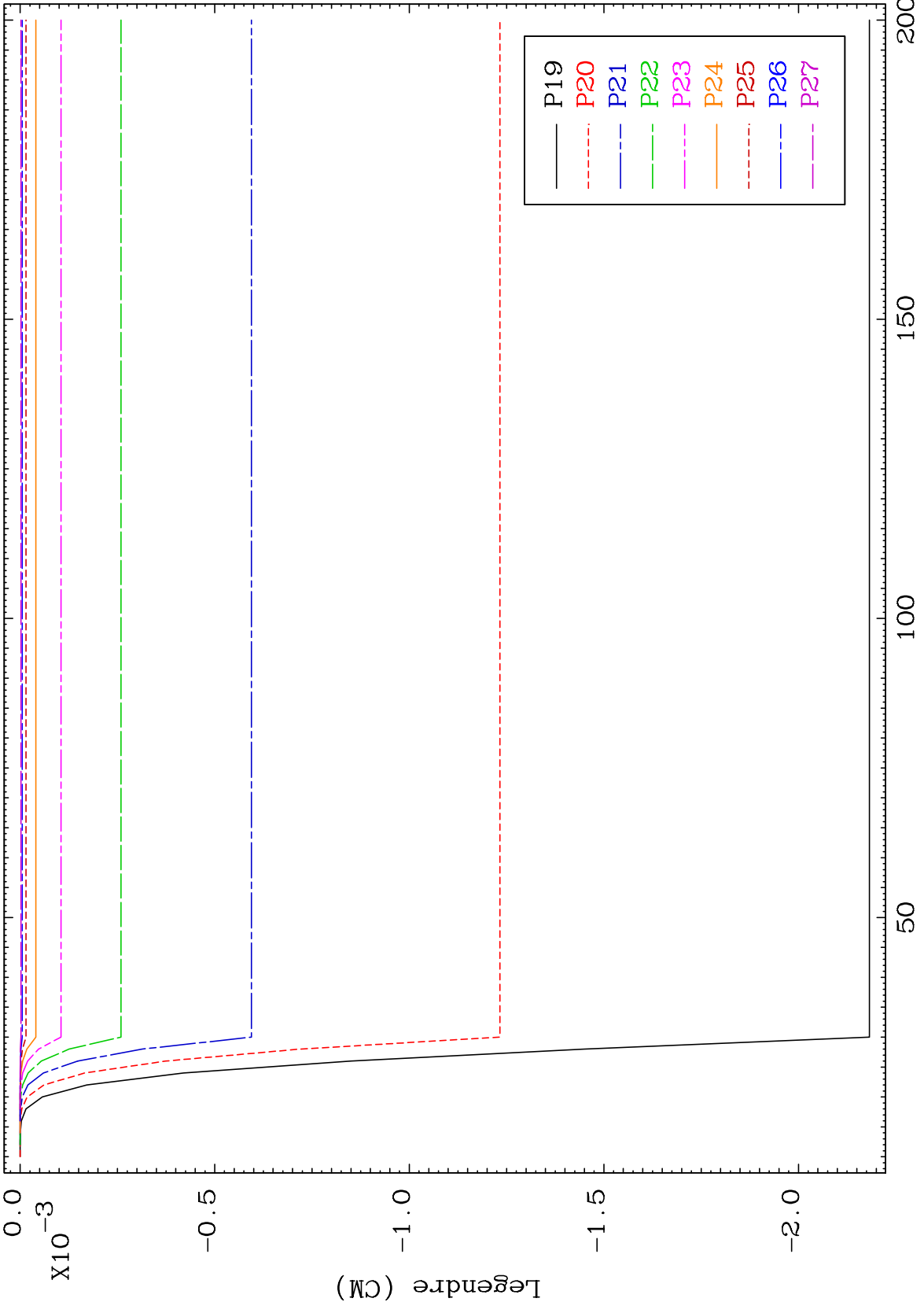
56-Ba-120

MAT 5595 MT= 69 (n,n') Level Legendre Coefficients 56-Ba-120



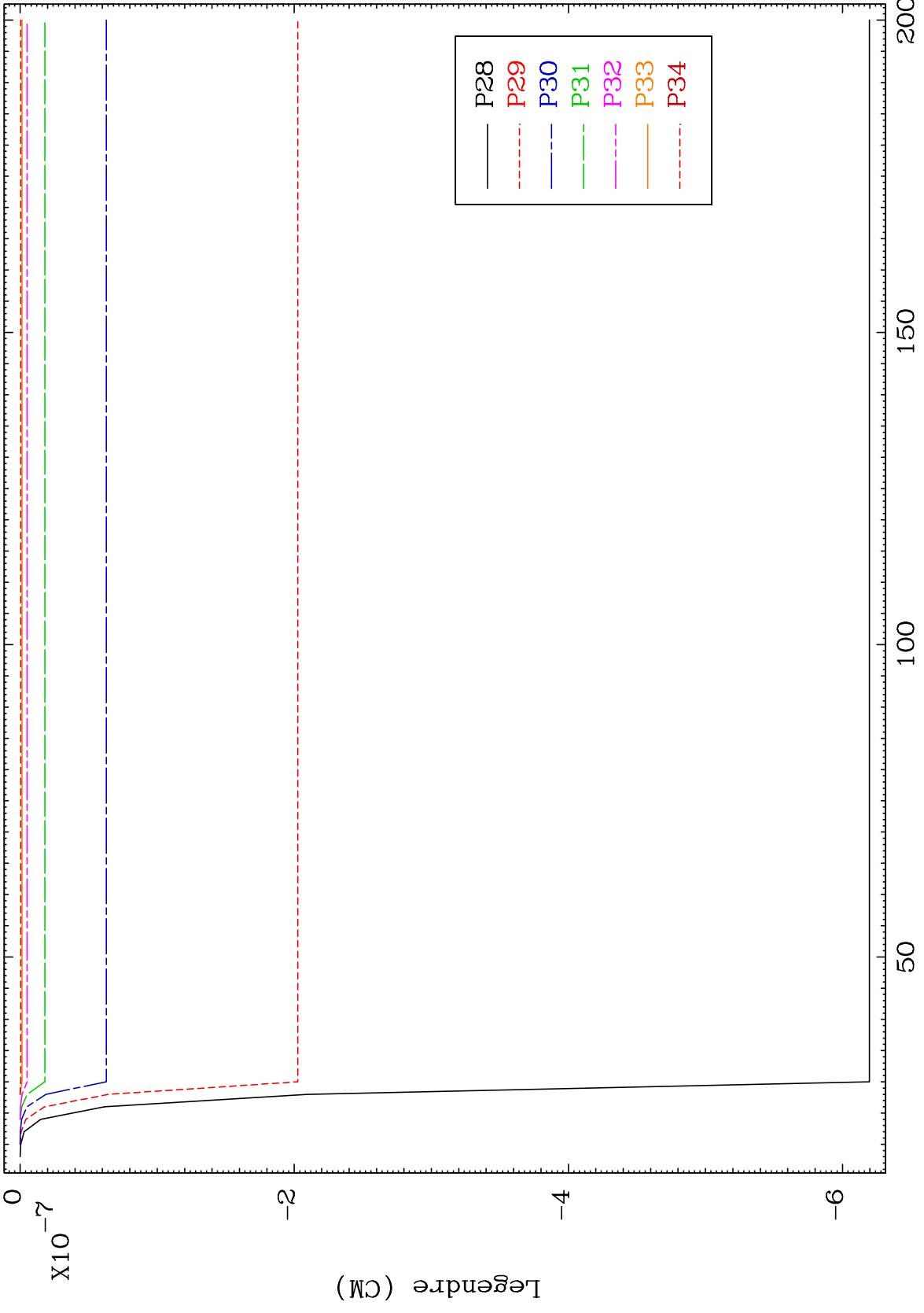
75 Incident Energy (MeV) 56-Ba-120

MAT 5595 MT= 69 (n,n') Level Legendre Coefficients 56-Ba-120



76 56-Ba-120

MAT 5595 MT= 69 (n,n') Level Legendre Coefficients 56-Ba-120



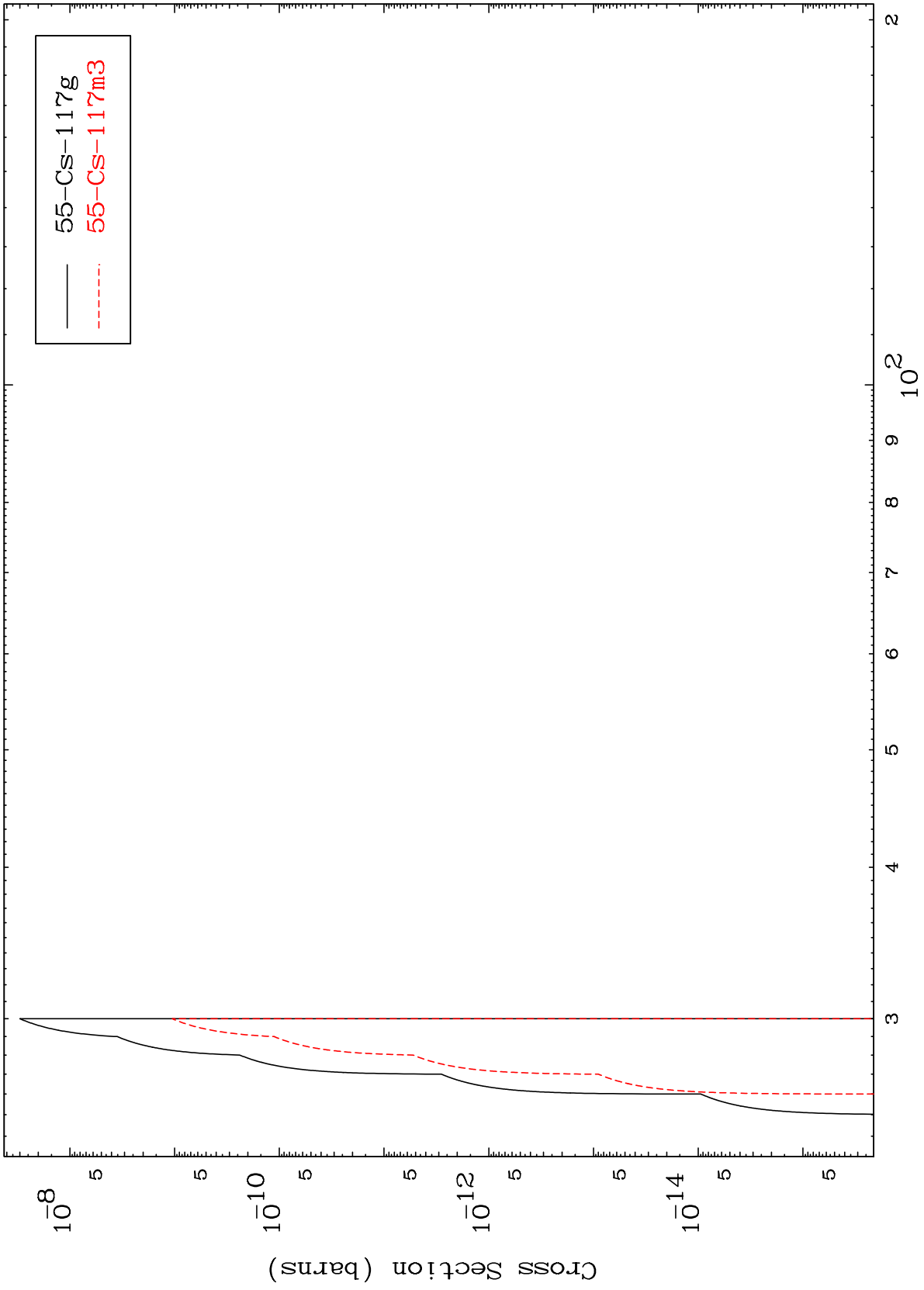
77 56-Ba-120

MAT 5595

(n,2n) d

56-Ba-120

Radionuclide Production Cross Section



78

Incident Energy (MeV)

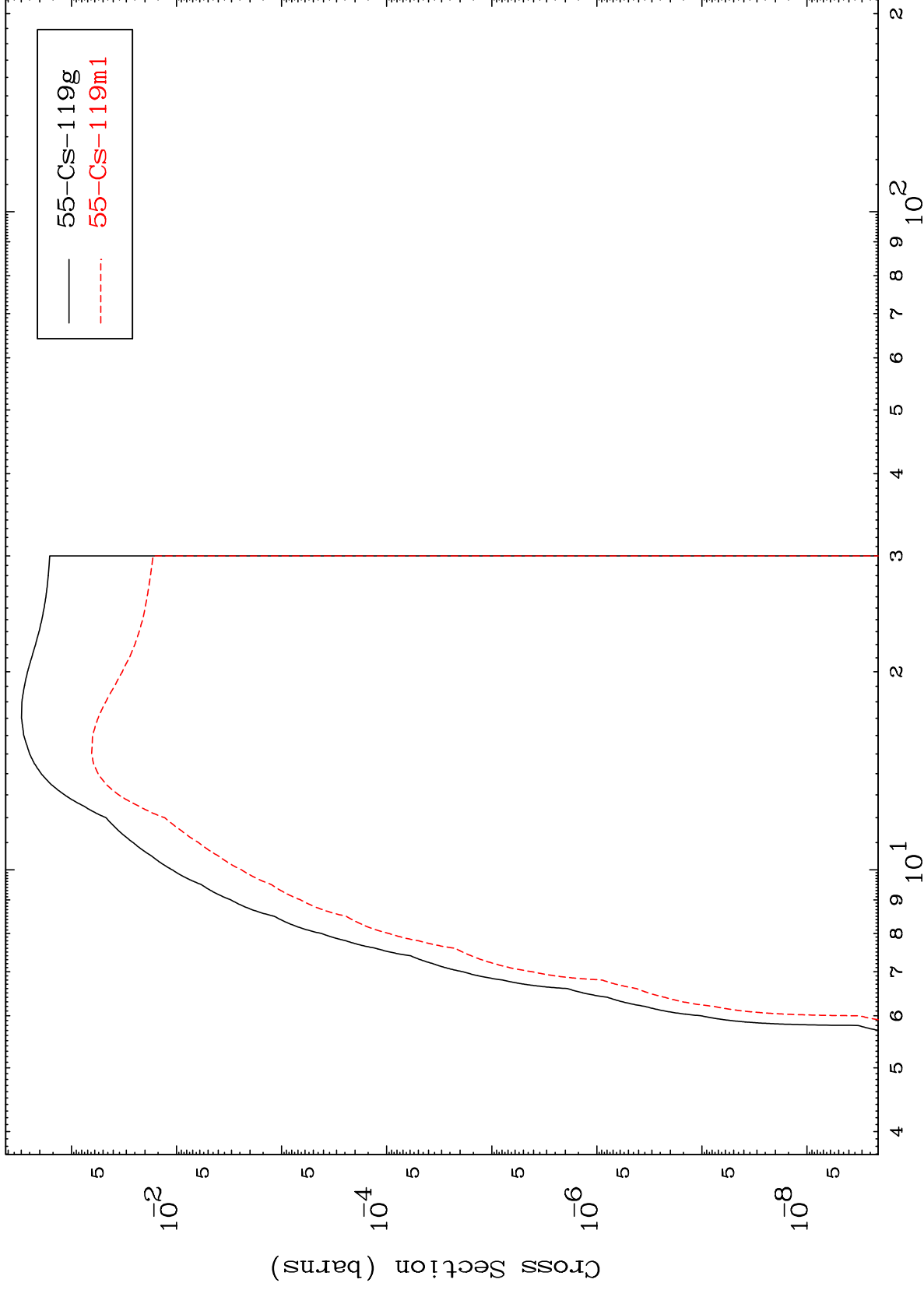
56-Ba-120

MAT 5595

(n,n') p

56-Ba-120

Radionuclide Production Cross Section



79

Incident Energy (MeV)

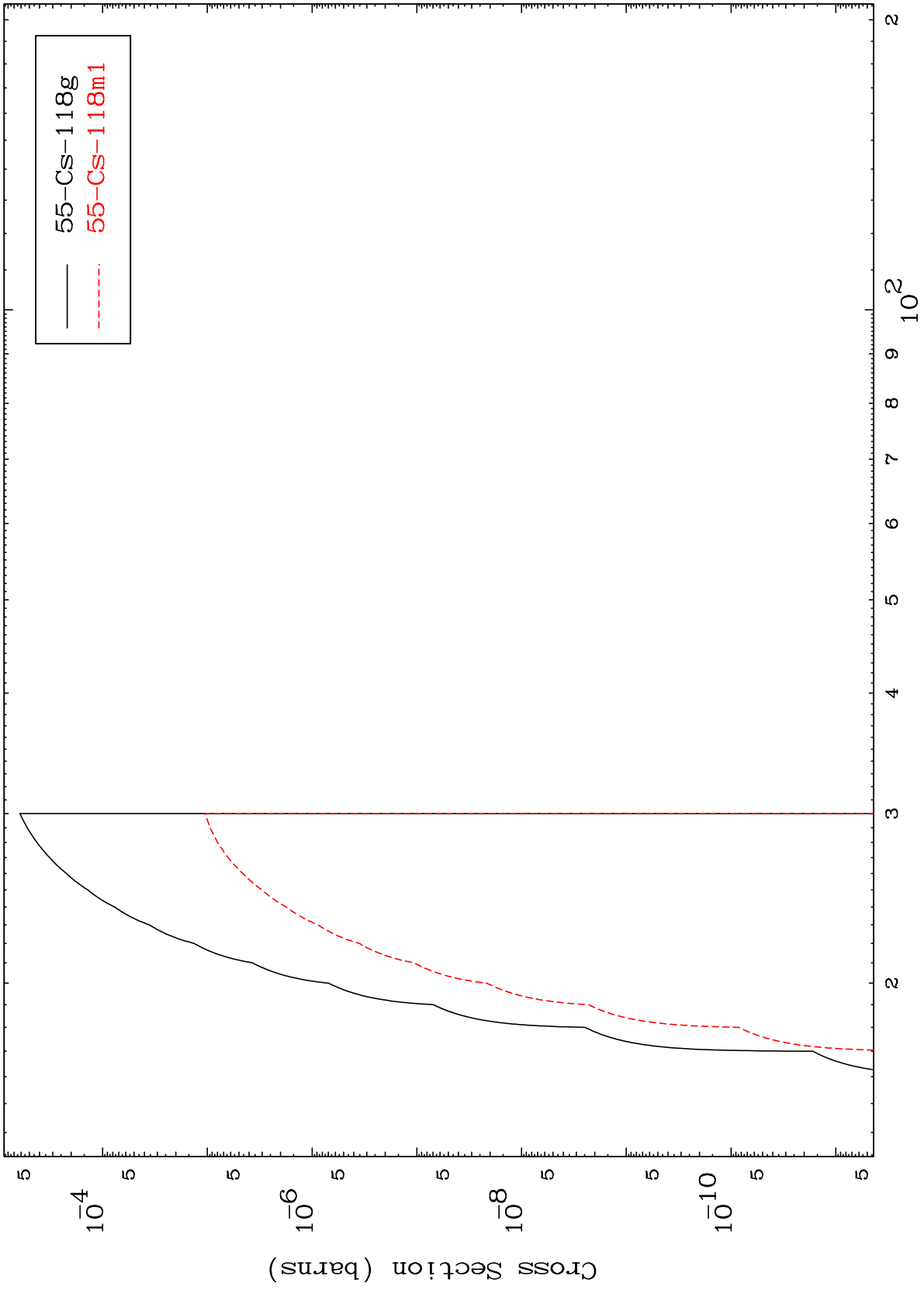
56-Ba-120

MAT 5595

(n,n') d

56-Ba-120

Radionuclide Production Cross Section



80

Incident Energy (MeV)

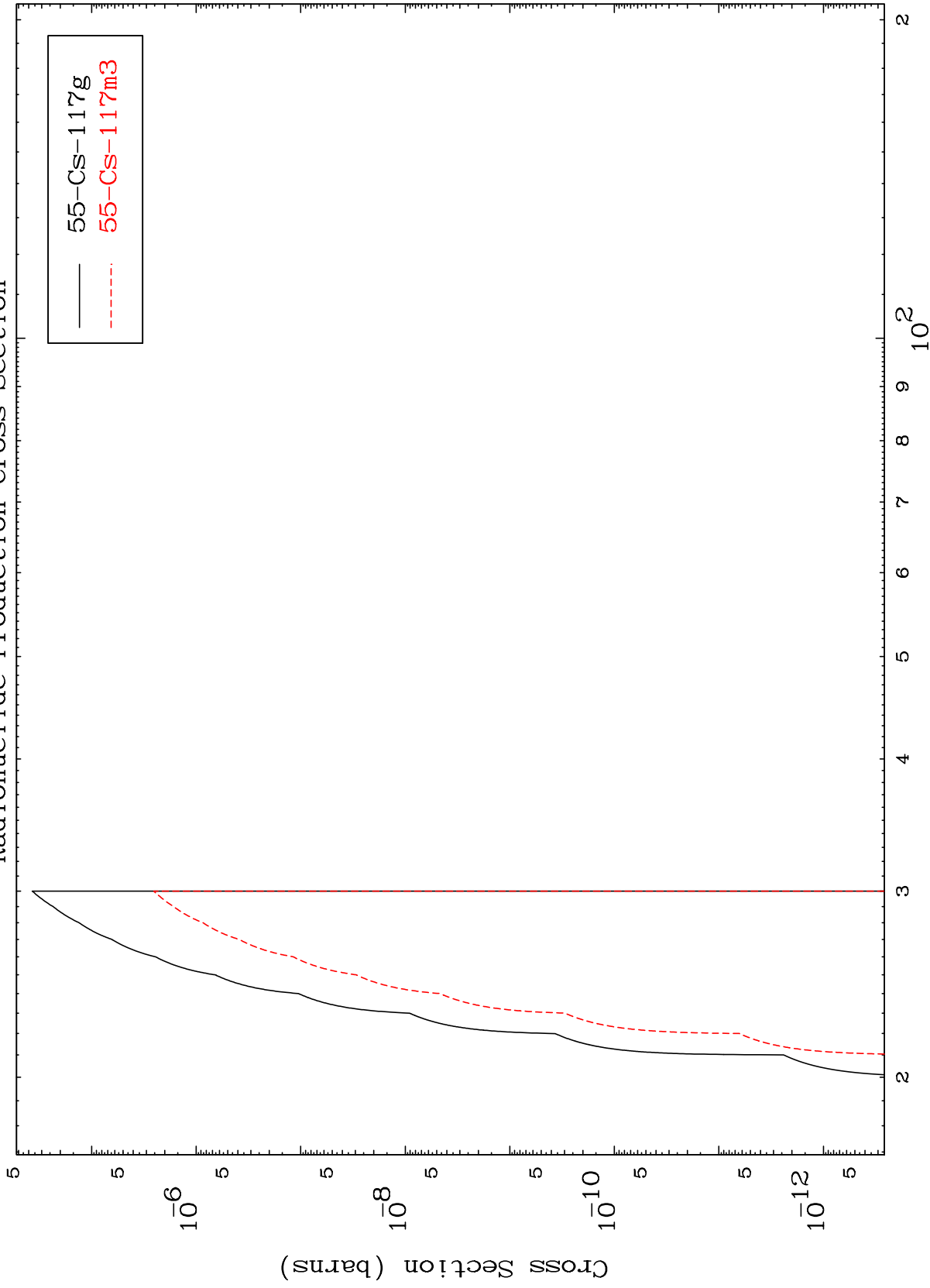
56-Ba-120

MAT 5595

(n,n') t

56-Ba-120

Radionuclide Production Cross Section



81

Incident Energy (MeV)

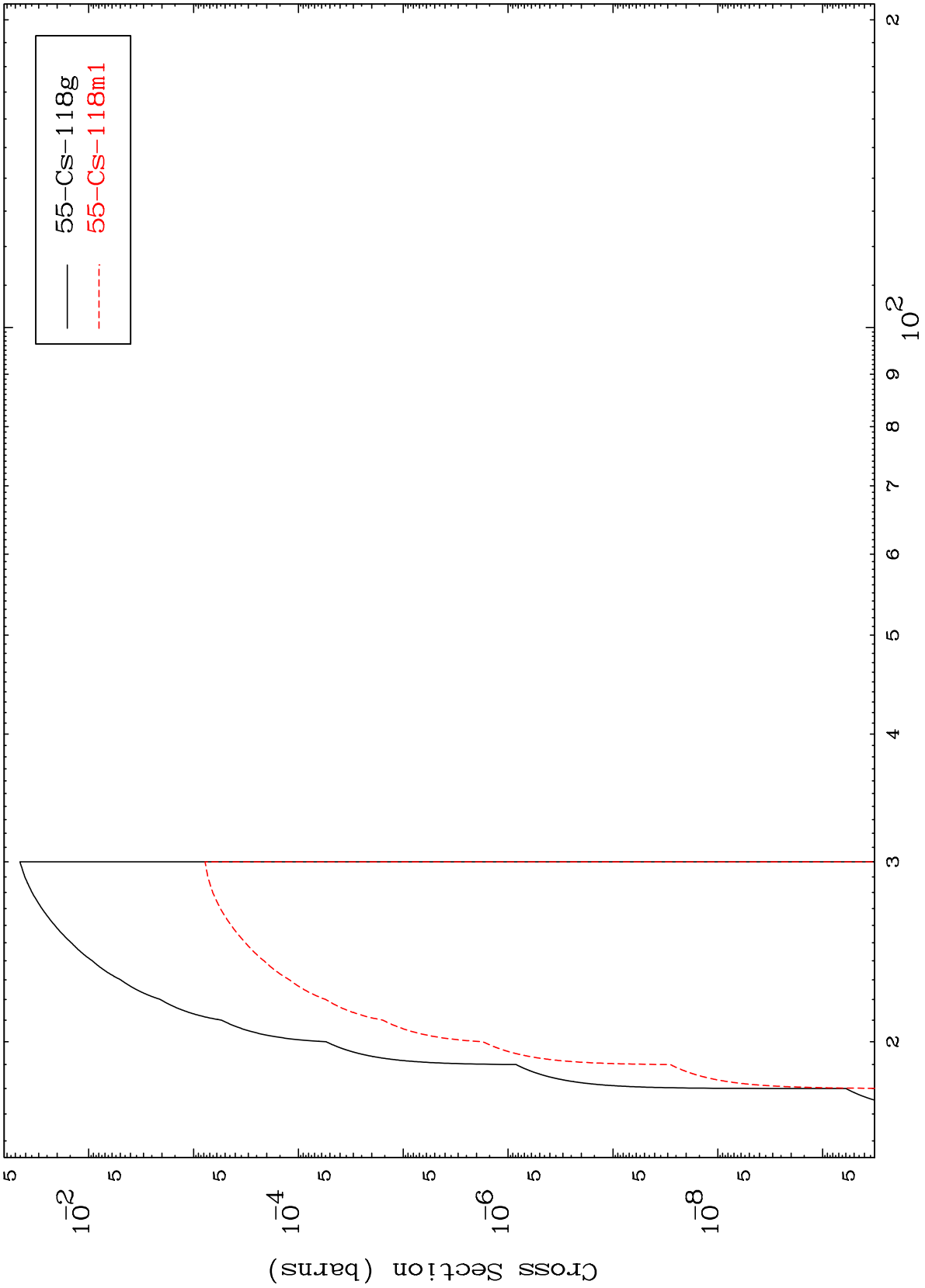
56-Ba-120

MAT 5595

(n,2n) p

56-Ba-120

Radionuclide Production Cross Section



82

Incident Energy (MeV)

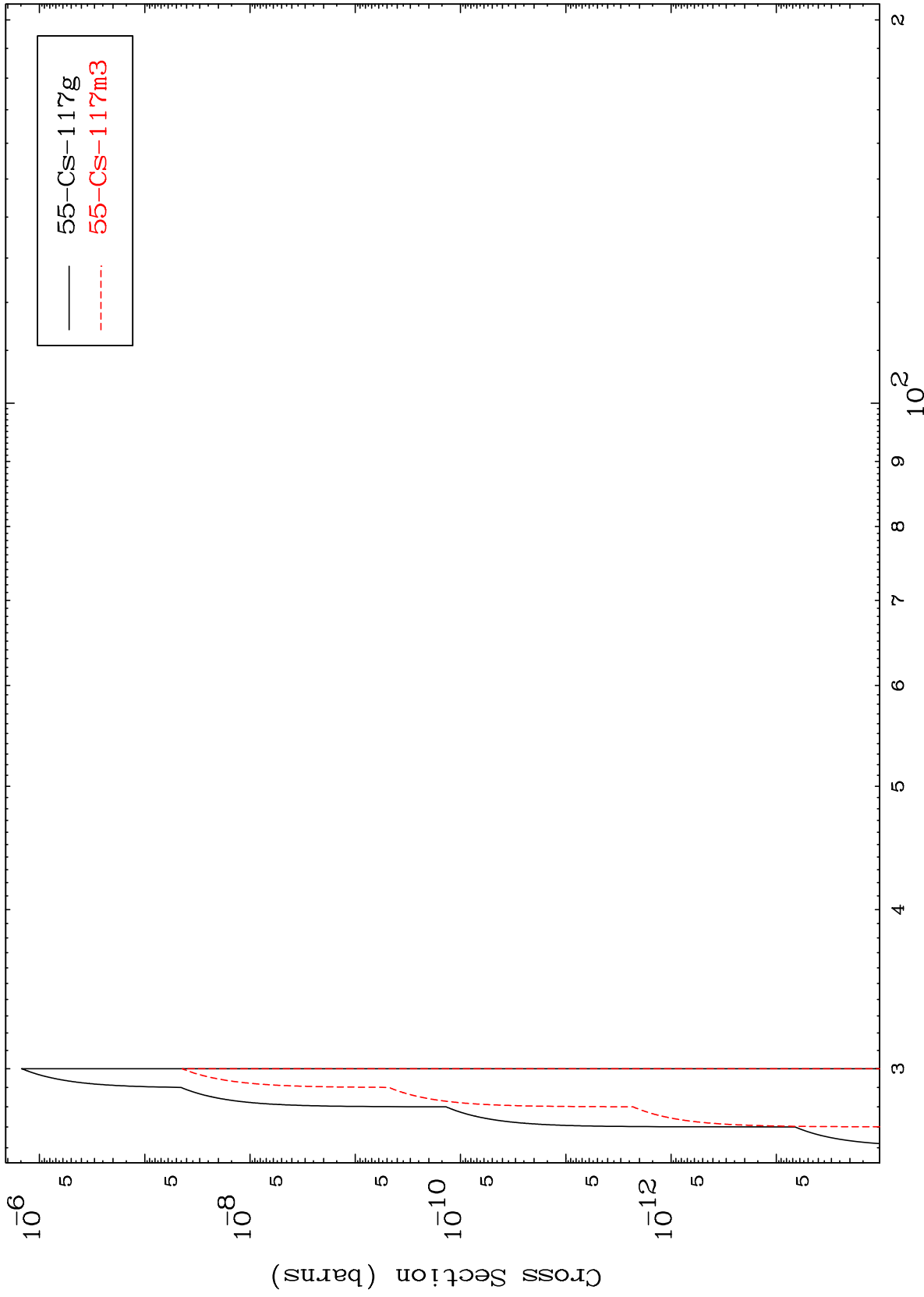
56-Ba-120

MAT 5595

(n,3n) p

56-Ba-120

Radionuclide Production Cross Section



83

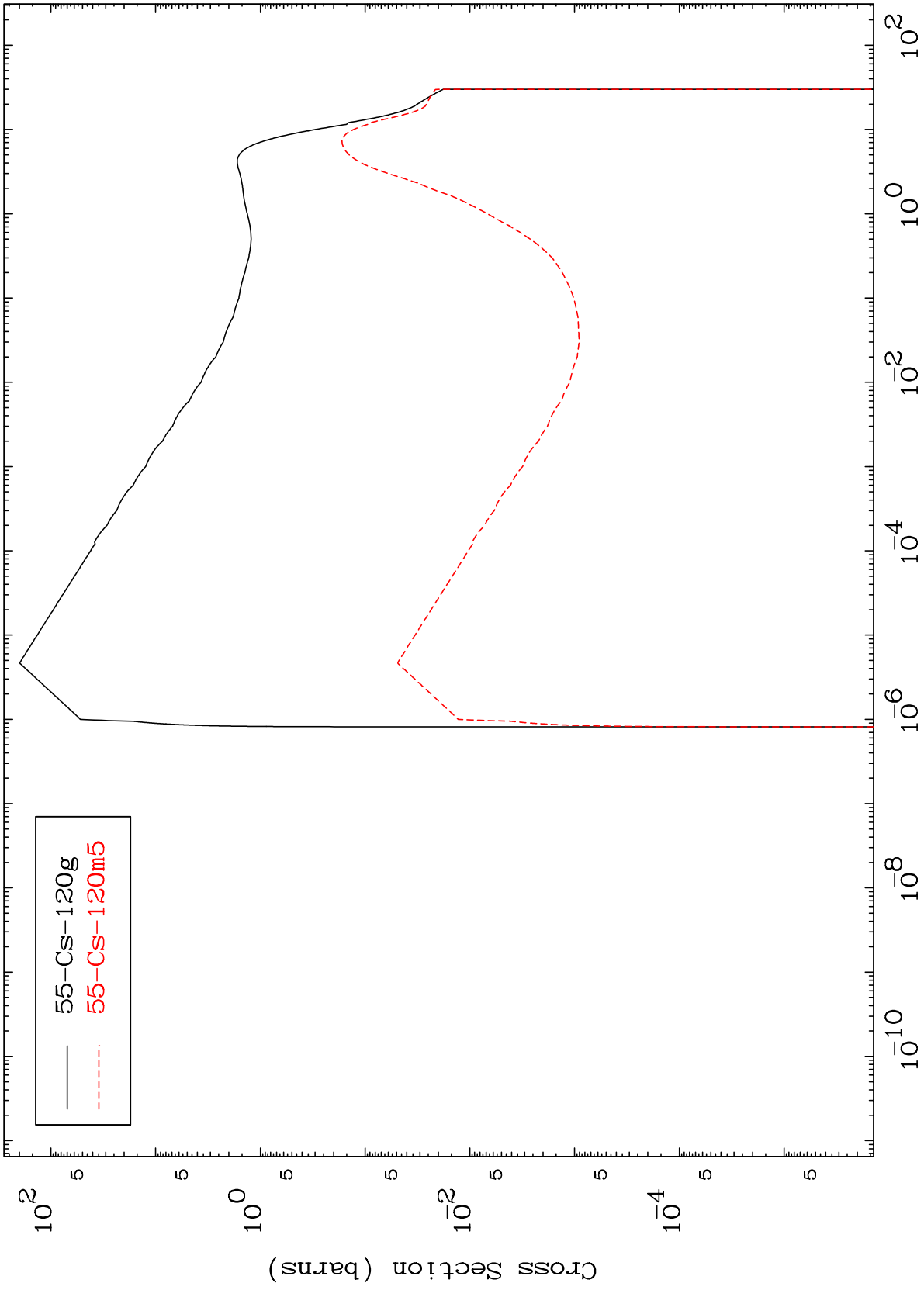
Incident Energy (MeV)

56-Ba-120

MAT 5595

56-Ba-120

Radionuclide Production Cross Section

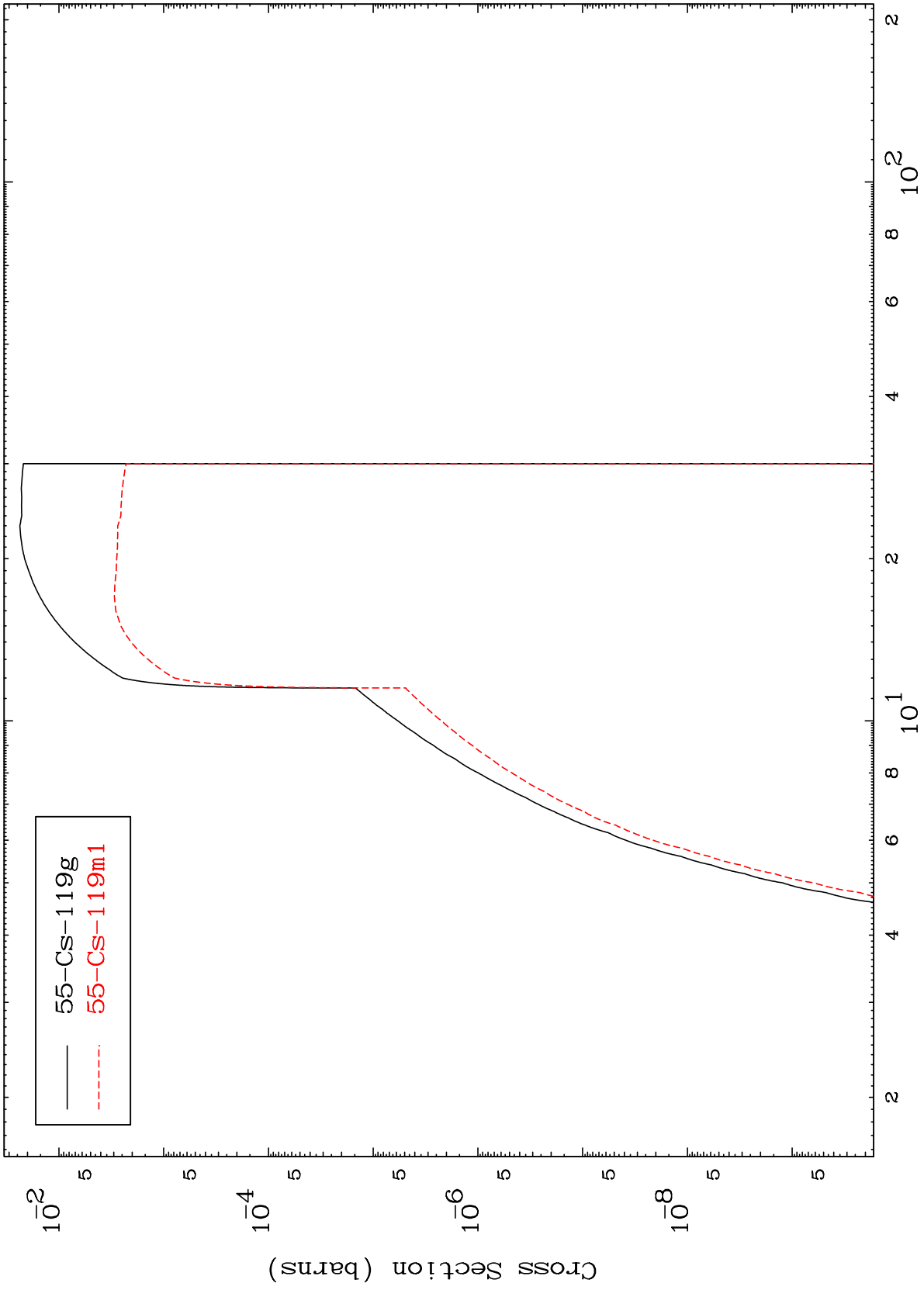


55-Cs-120g
55-Cs-120m5

MAT 5595

(n,d)
Radionuclide Production Cross Section

56-Ba-120



85

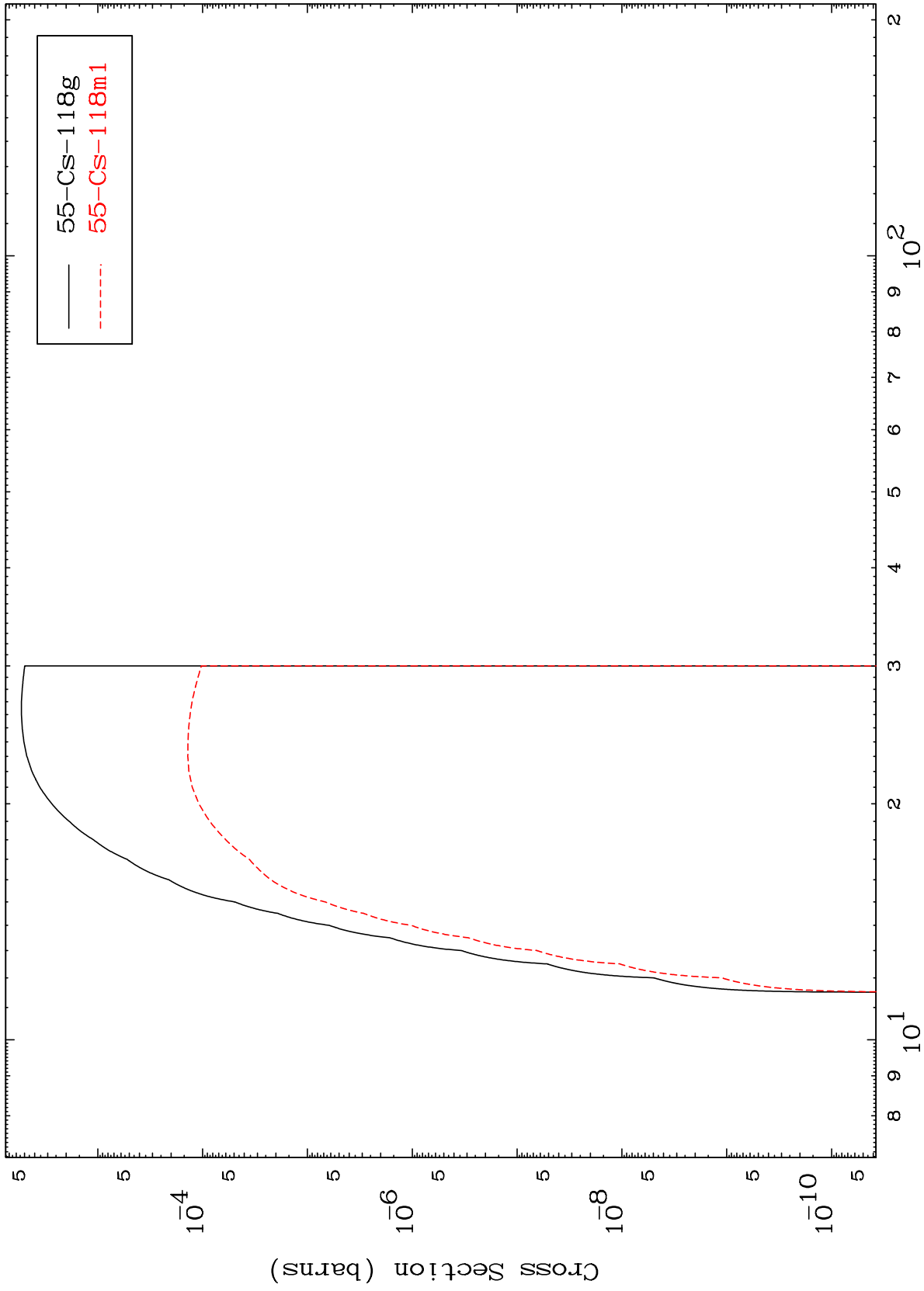
Incident Energy (MeV)

56-Ba-120

MAT 5595

56-Ba-120

(n, t)
Radionuclide Production Cross Section



86

Incident Energy (MeV)

56-Ba-120