

Program EVALPLOT
(Version 2018-1)

by

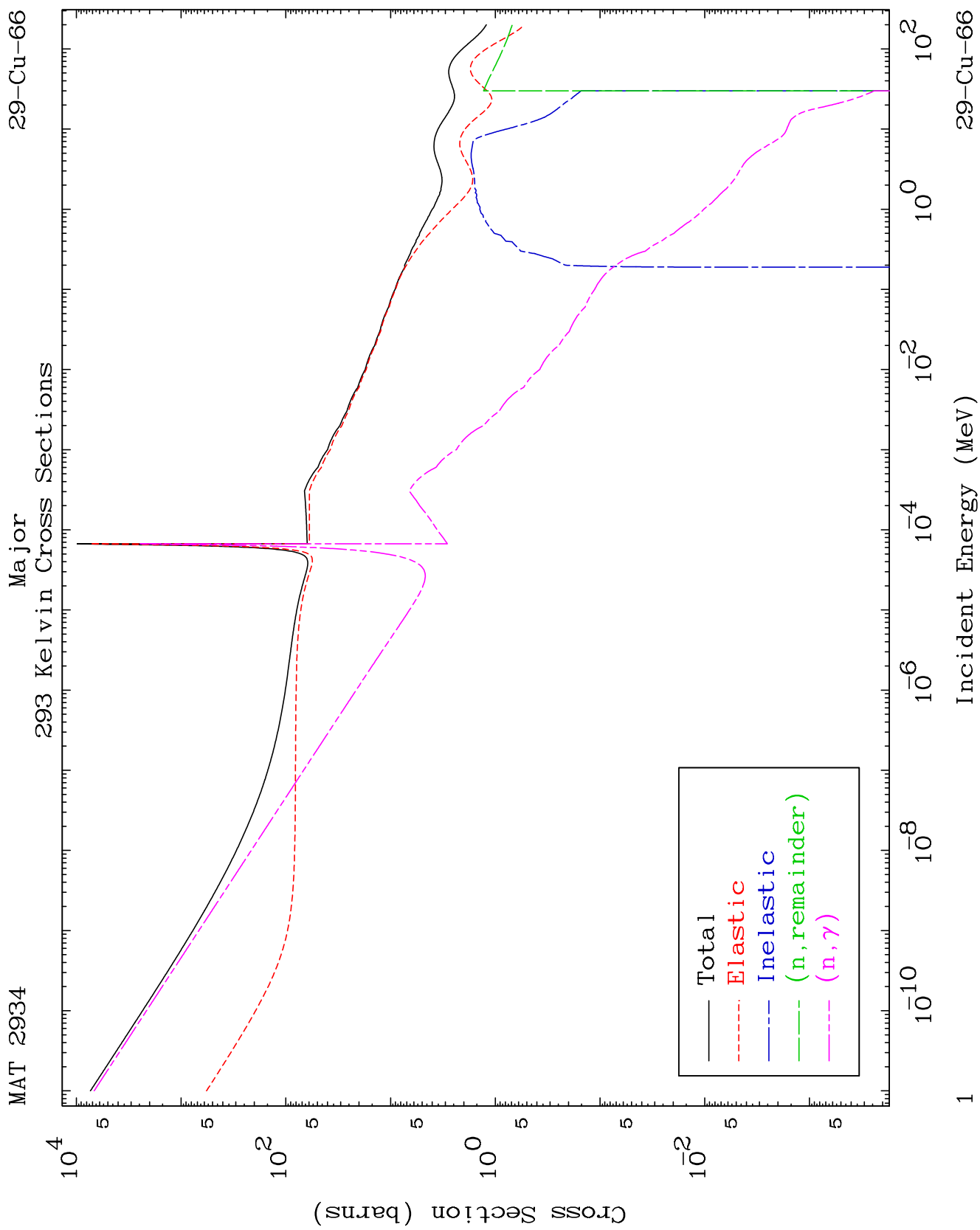
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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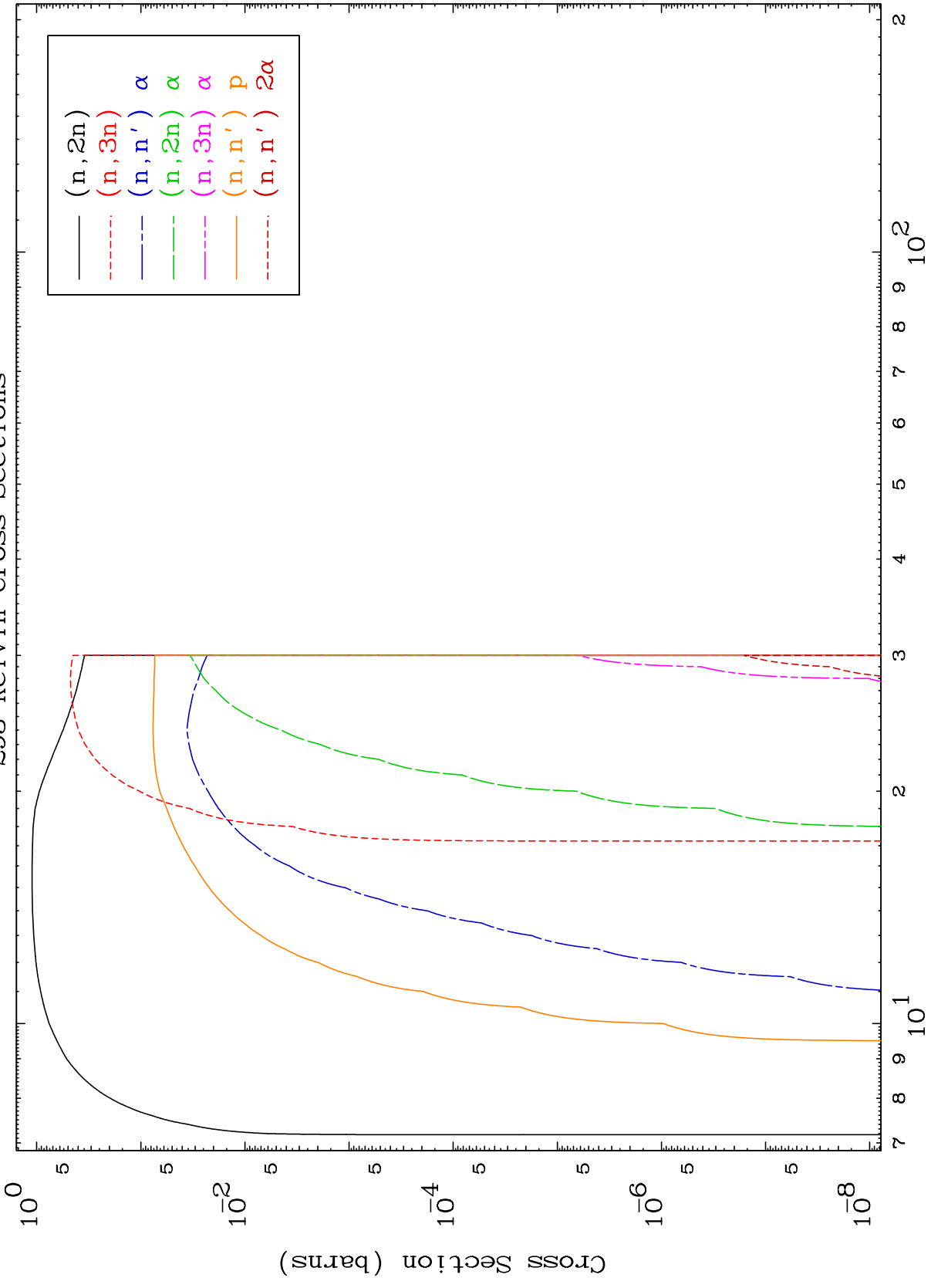
Press Mouse Button to Start



MAT 2934

Neutron Production
293 Kelvin Cross Sections

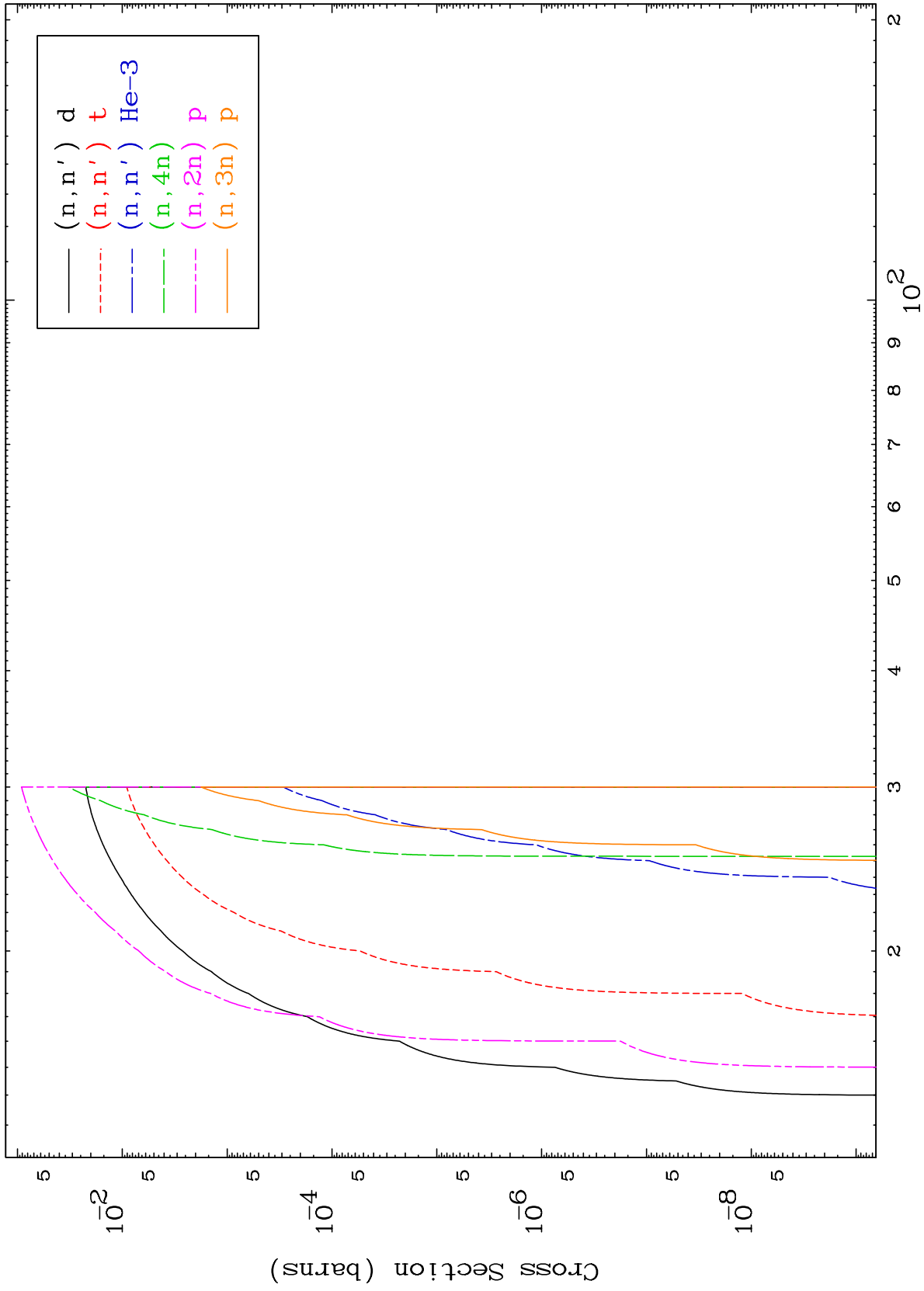
29-Cu-66



2

Incident Energy (MeV)

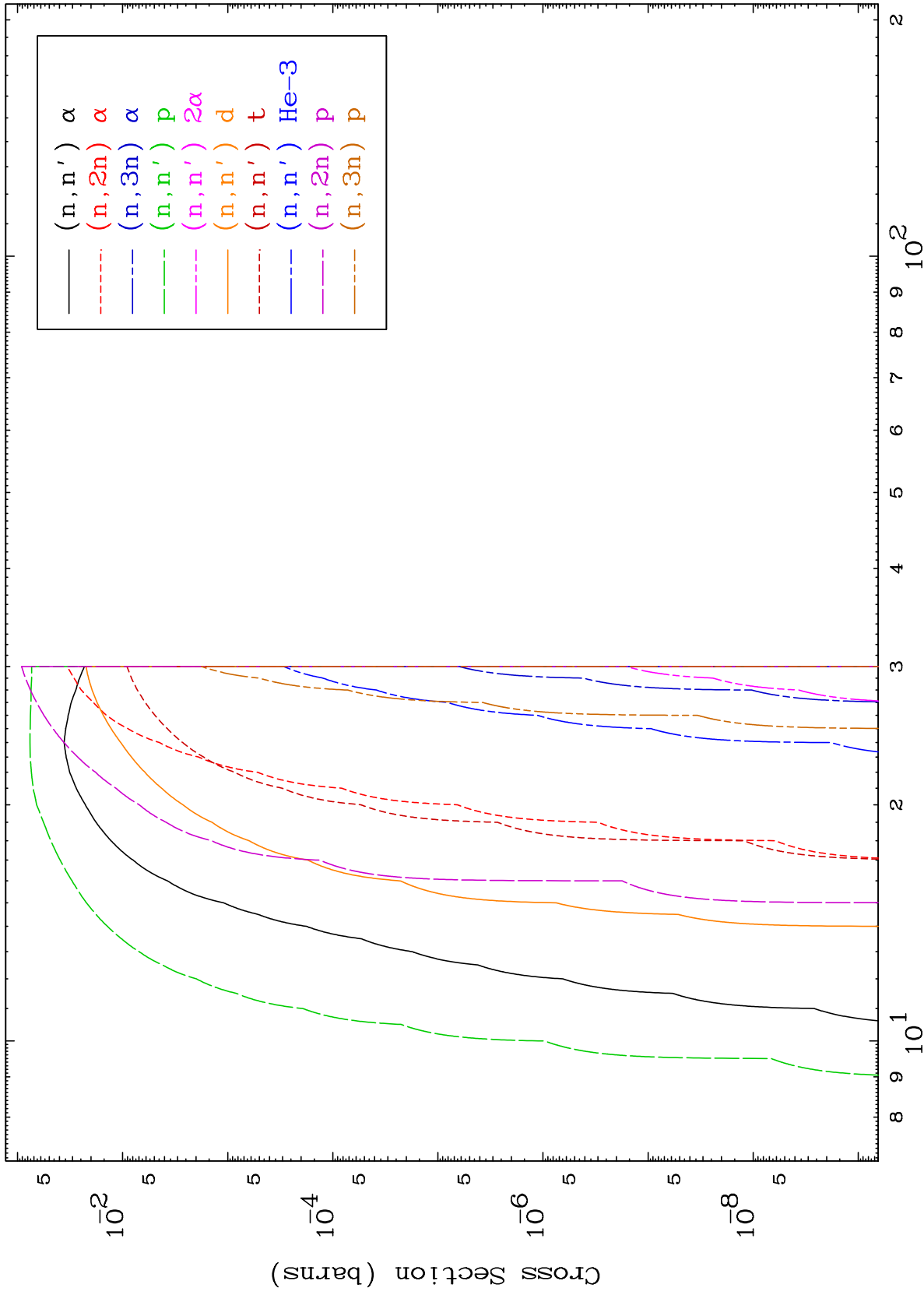
29-Cu-66



MAT 2934

Charged Particle
293 Kelvin Cross Sections

29-Cu-66



4

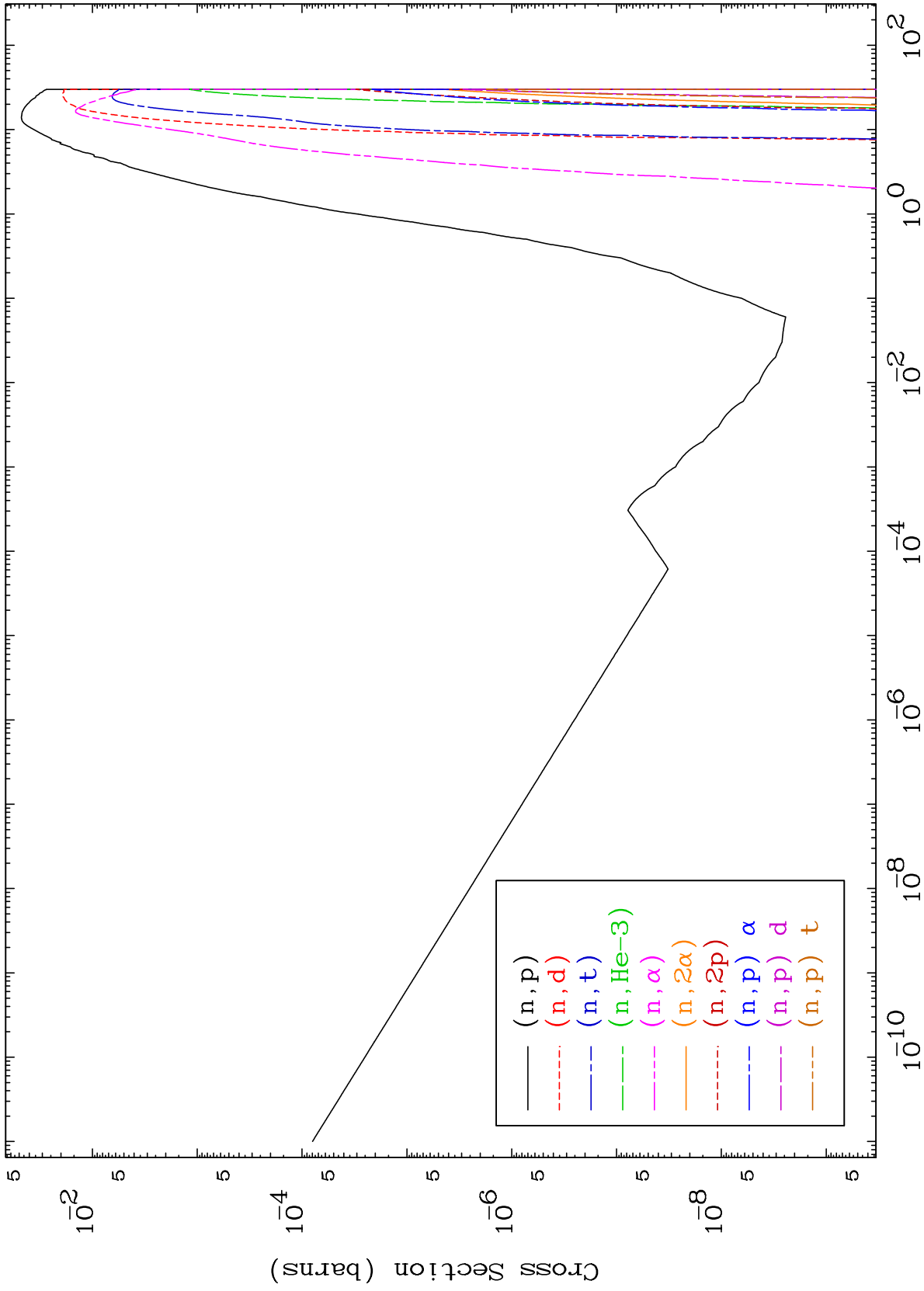
Incident Energy (MeV)

29-Cu-66

MAT 2934

Charged Particle
293 Kelvin Cross Sections

29-Cu-66

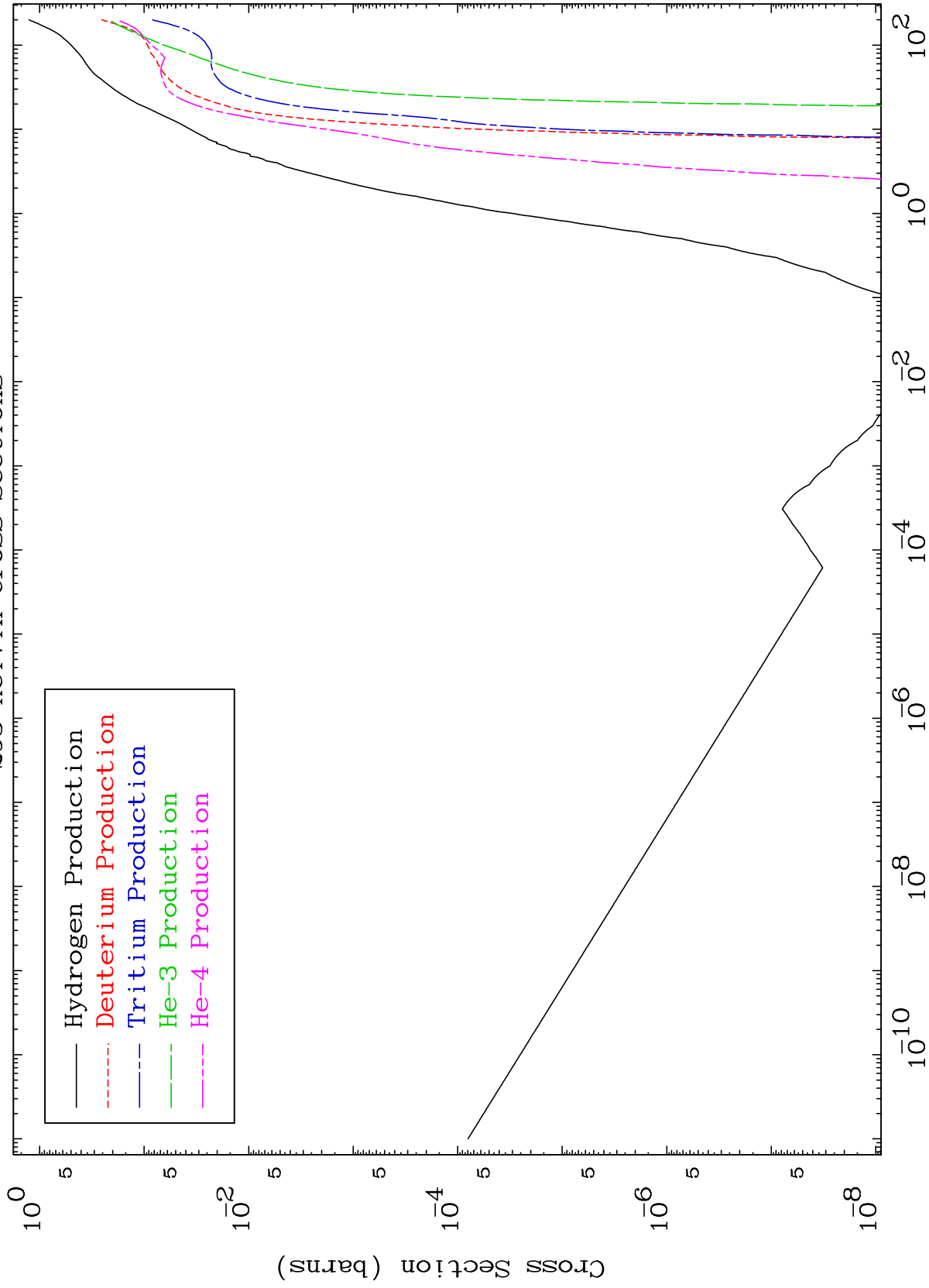


5

MAT 2934

Particle Production
293 Kelvin Cross Sections

29-Cu-66



6

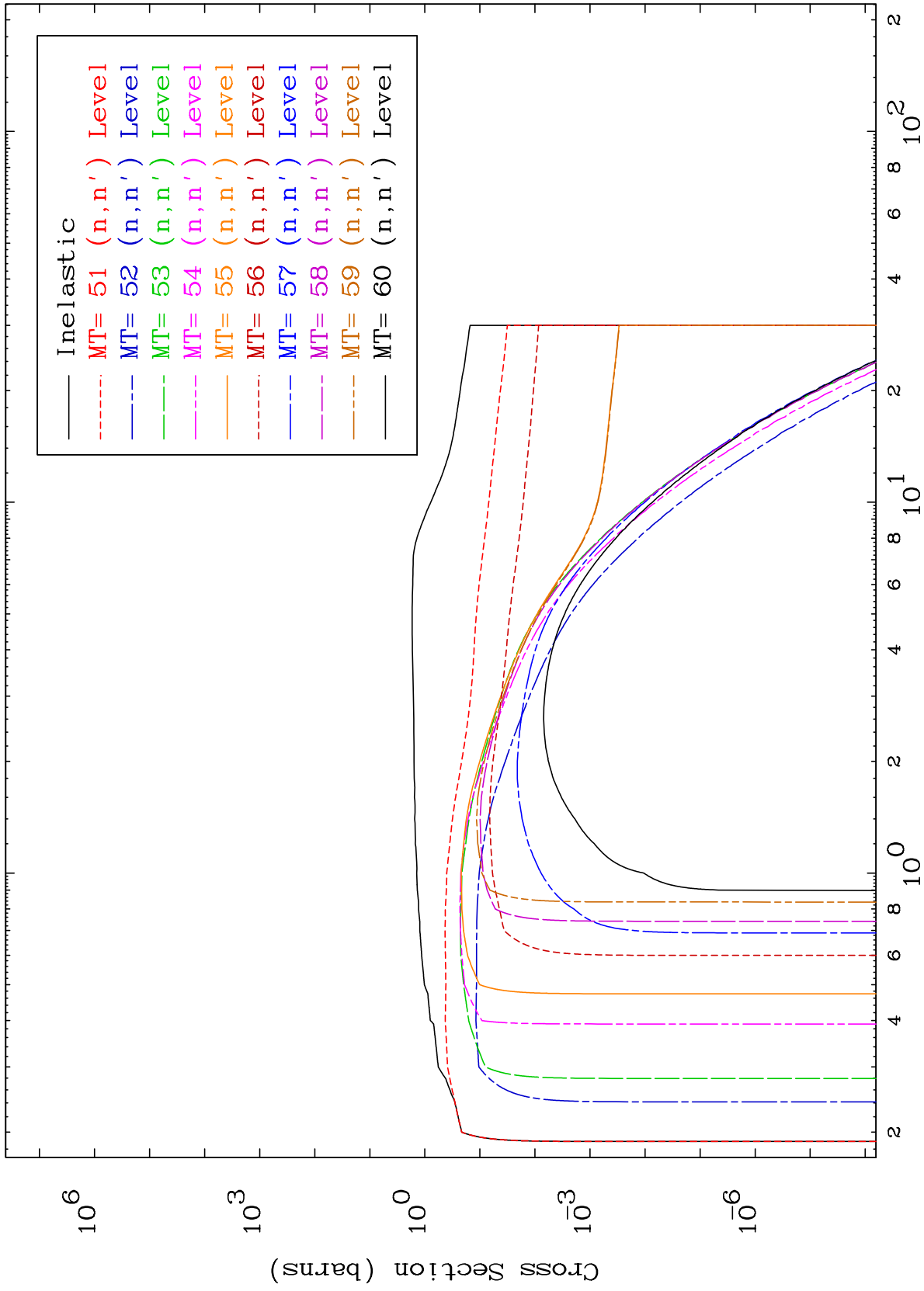
Incident Energy (MeV)

29-Cu-66

MAT 2934

(n,n') Level
293 Kelvin Cross Sections

29-Cu-66



7

Incident Energy (MeV)

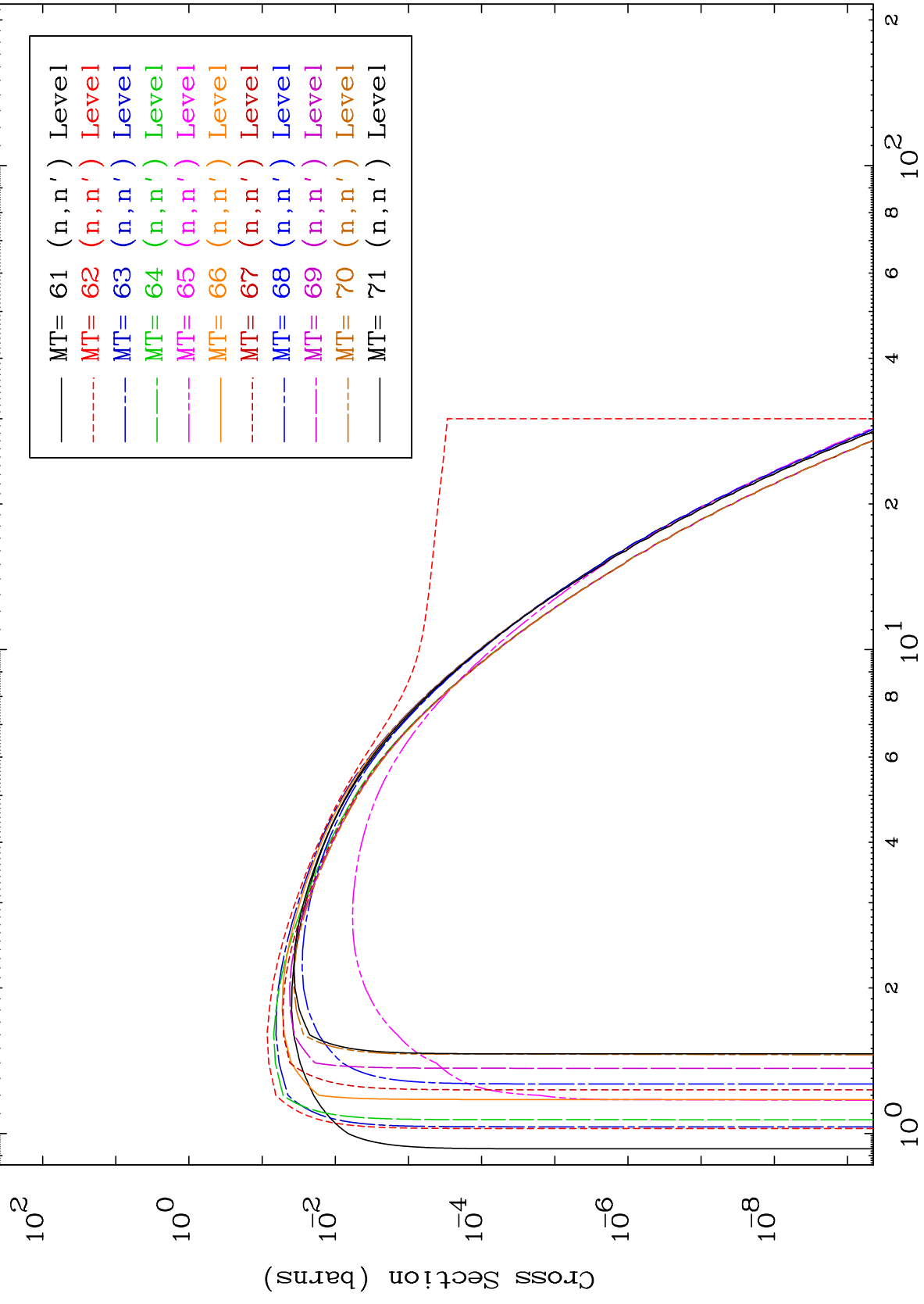
29-Cu-66

MAT 2934

(n,n') Level

29-Cu-66

293 Kelvin Cross Sections



Incident Energy (MeV)

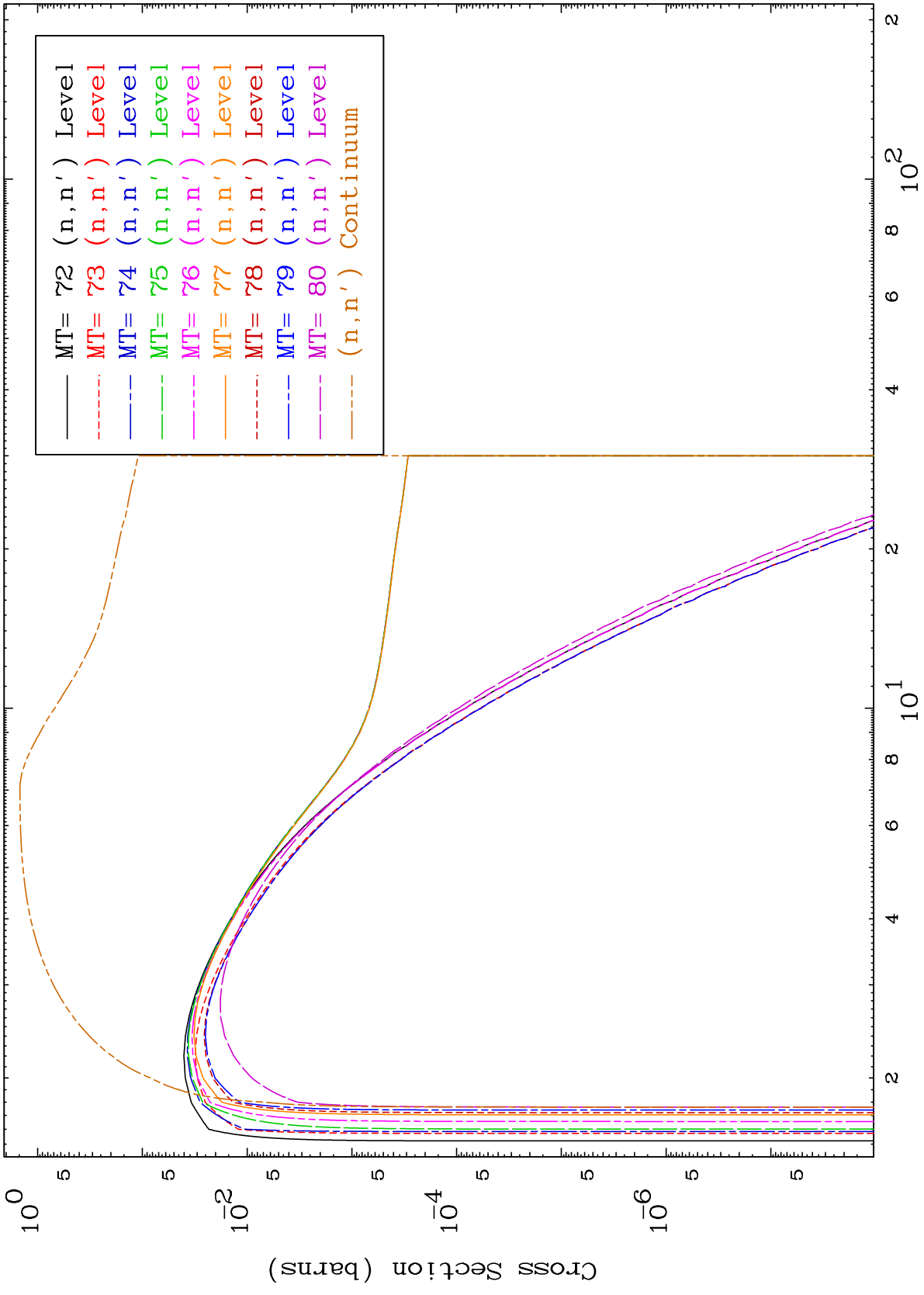
29-Cu-66

MAT 2934

(n,n') Level

29-Cu-66

293 Kelvin Cross Sections



9

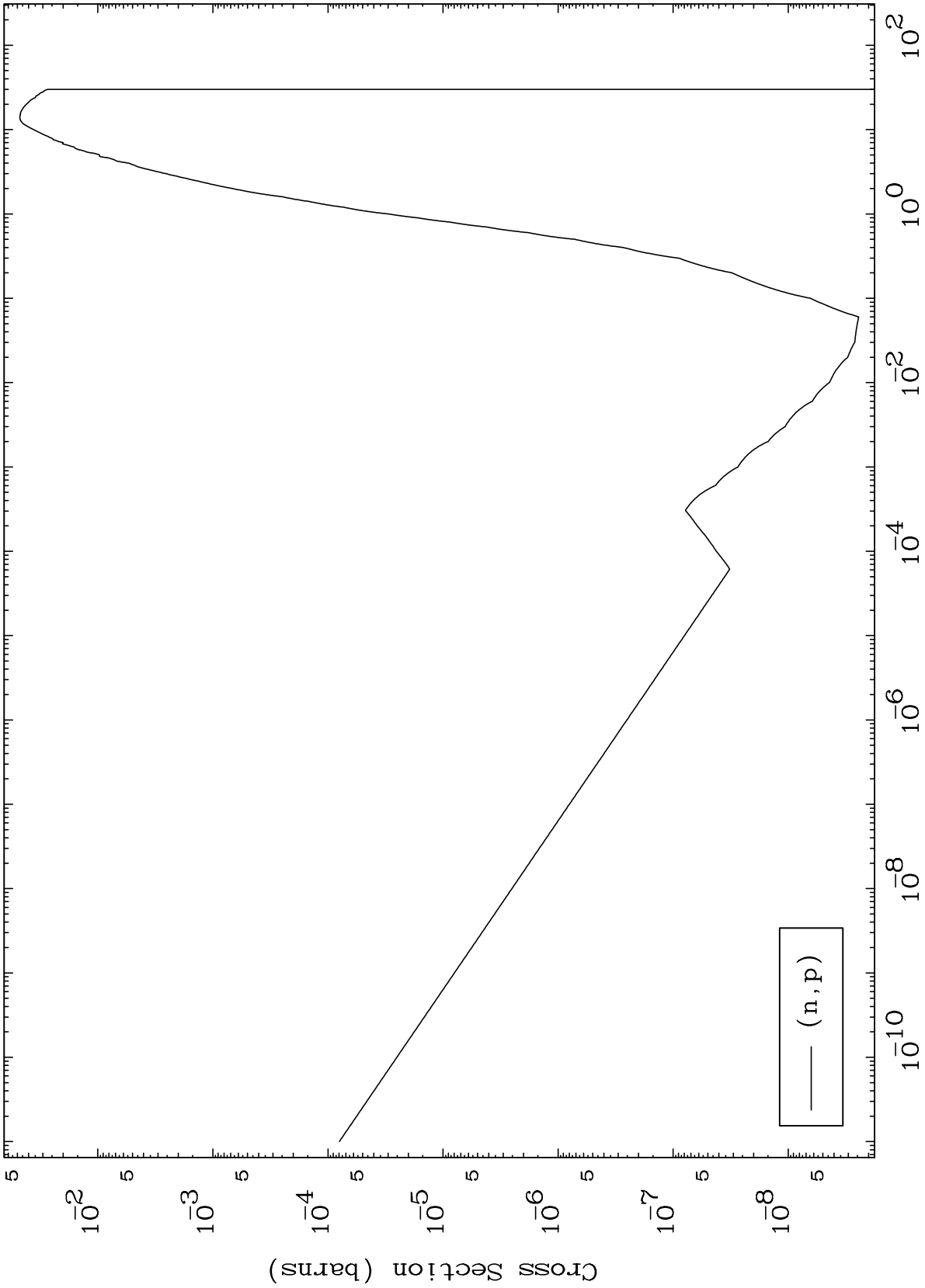
Incident Energy (MeV)

29-Cu-66

MAT 2934

(n,p) Levels
293 Kelvin Cross Sections

29-Cu-66



10

Incident Energy (MeV)

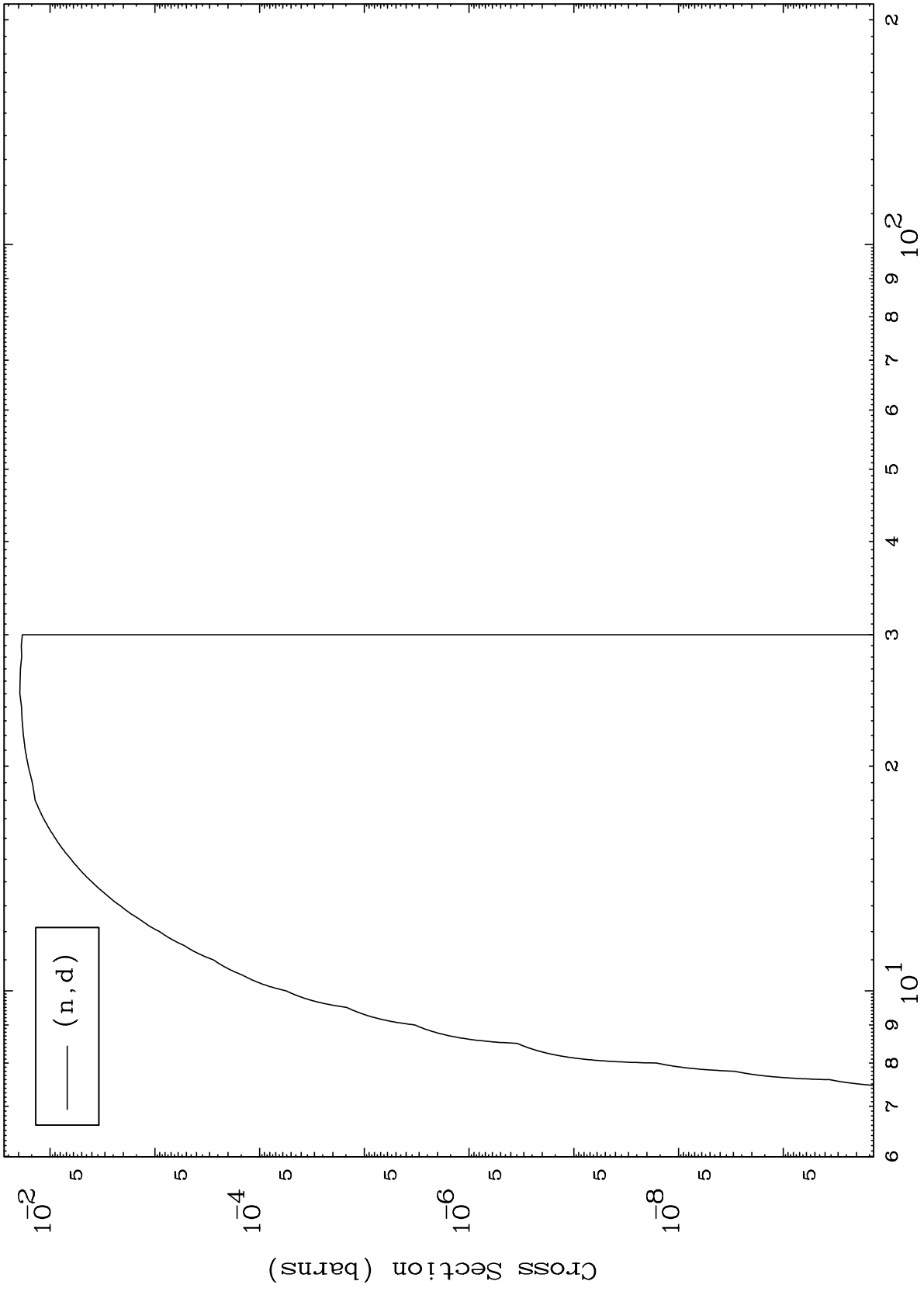
29-Cu-66

— (n, p)

MAT 2934

(n,d) Levels
293 Kelvin Cross Sections

29-Cu-66

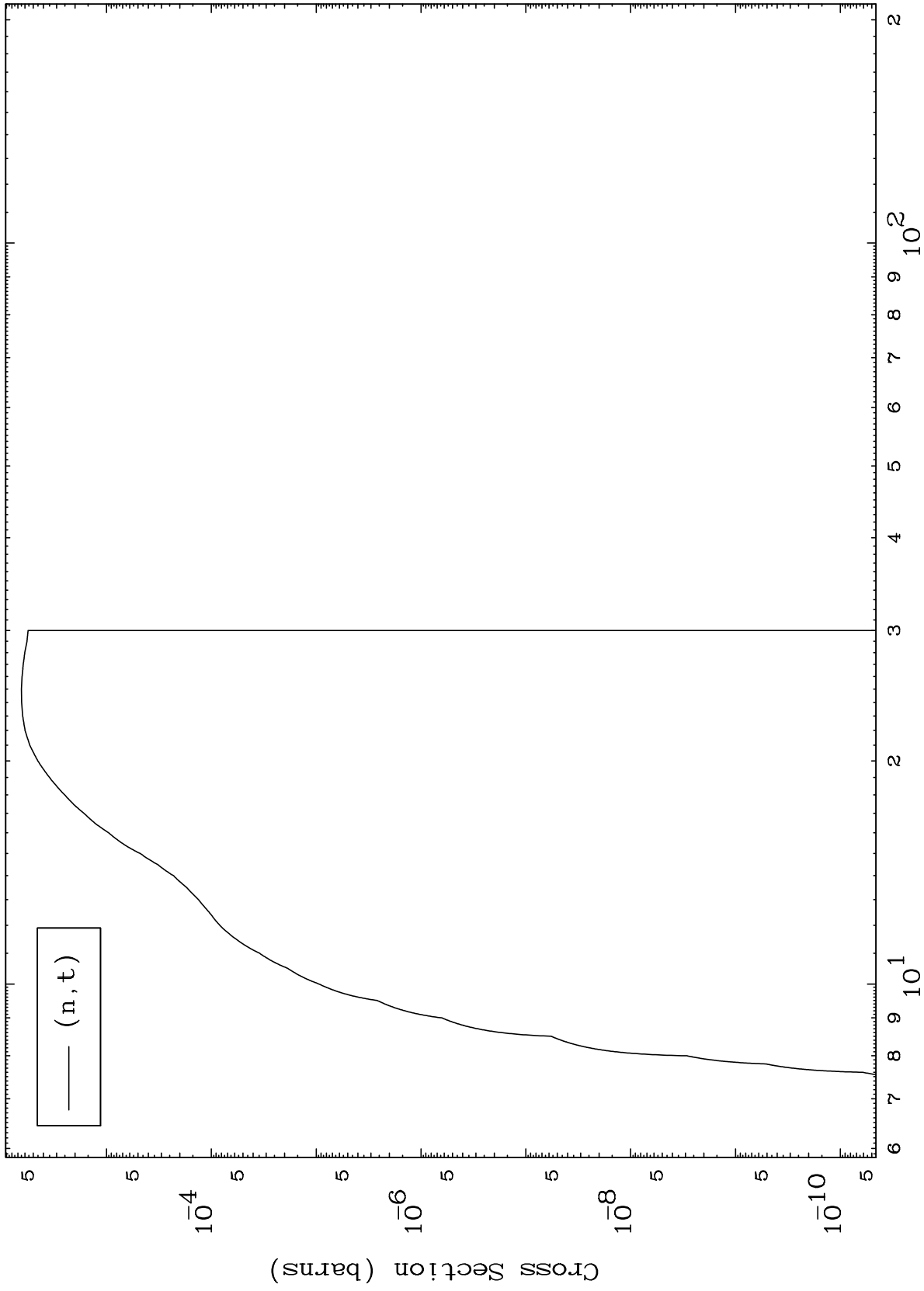


29-Cu-66

MAT 2934

(n,t) Levels
293 Kelvin Cross Sections

29-Cu-66



12

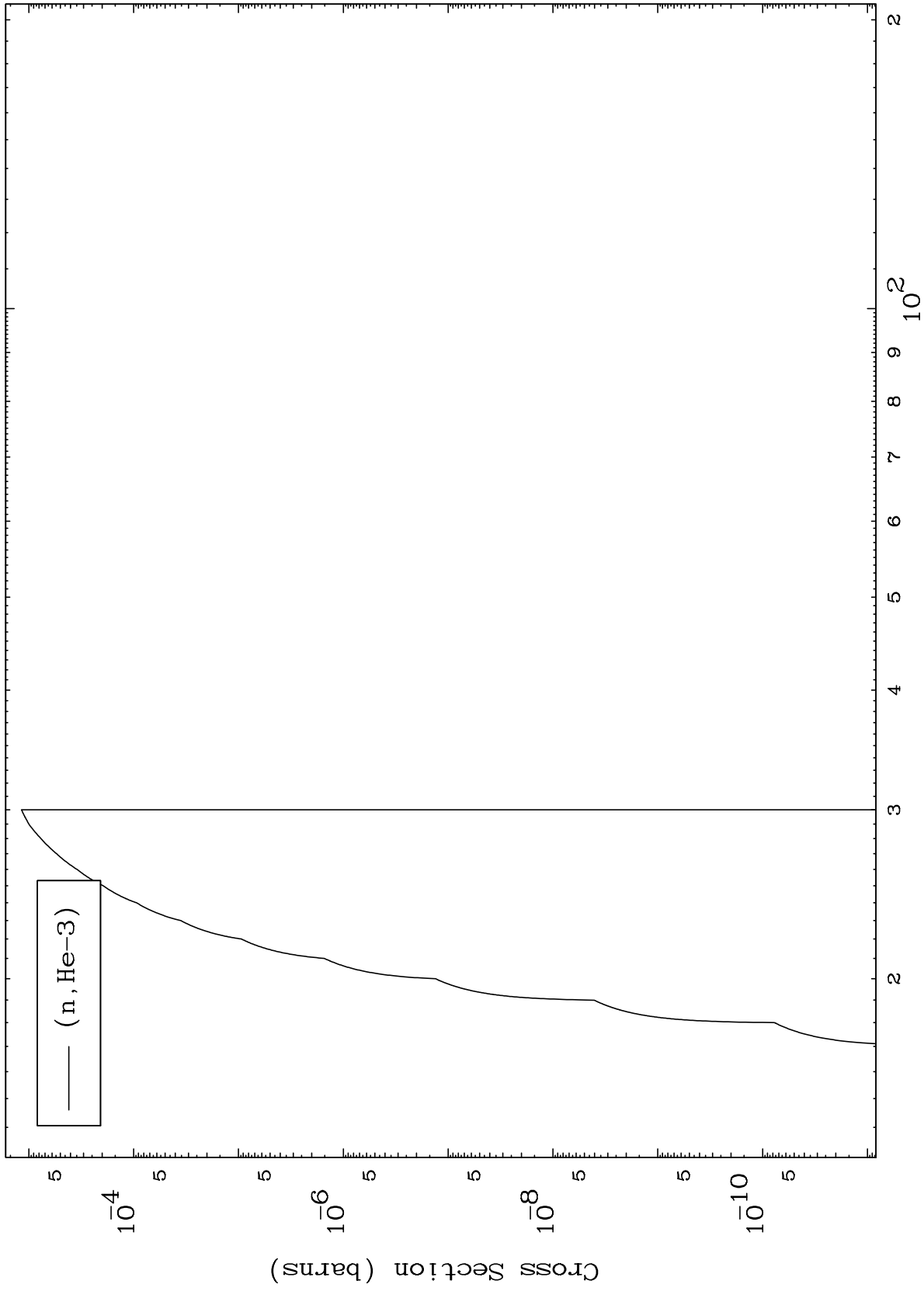
Incident Energy (MeV)

29-Cu-66

MAT 2934

(n,He3) Levels
293 Kelvin Cross Sections

29-Cu-66

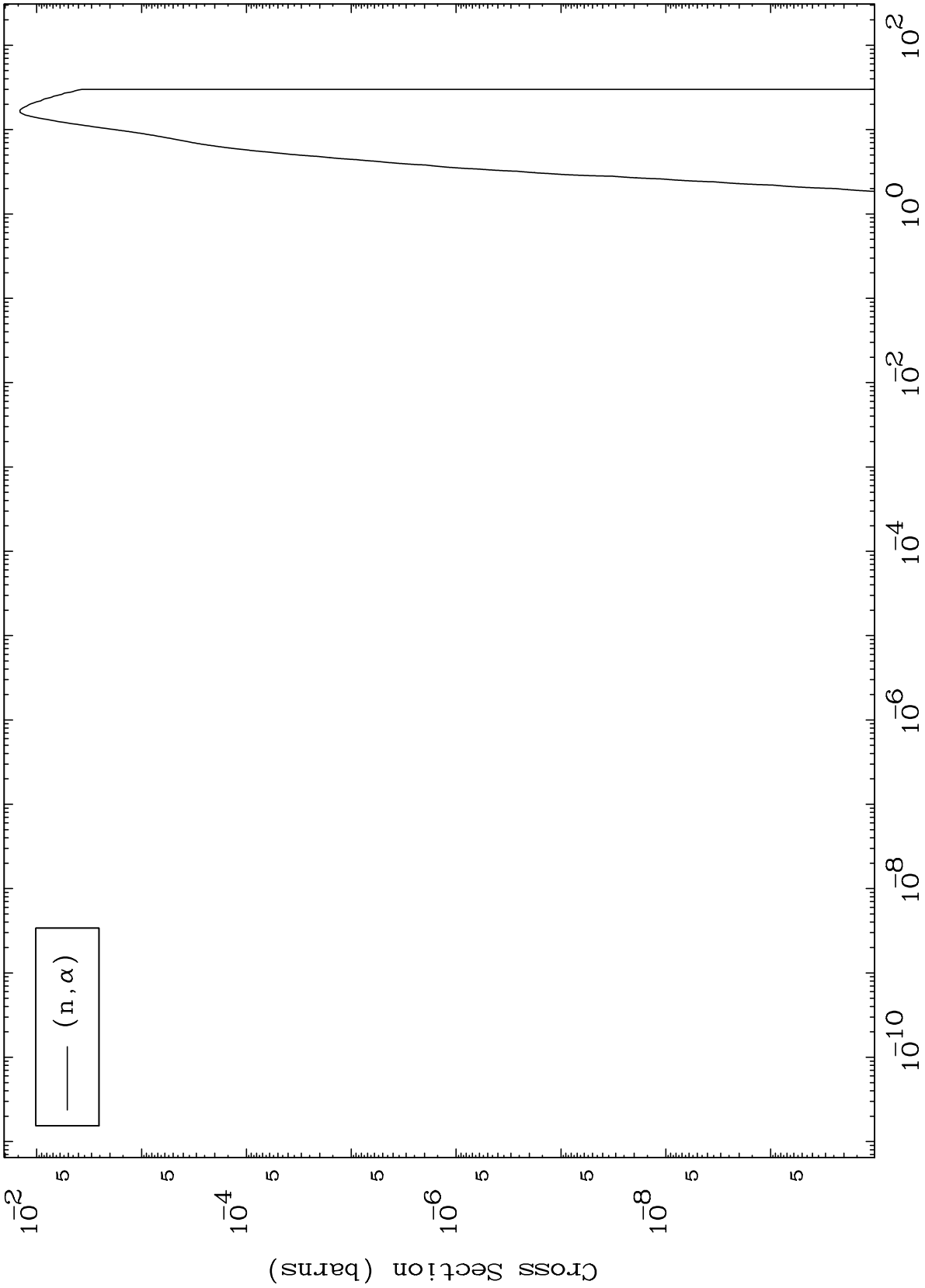


13

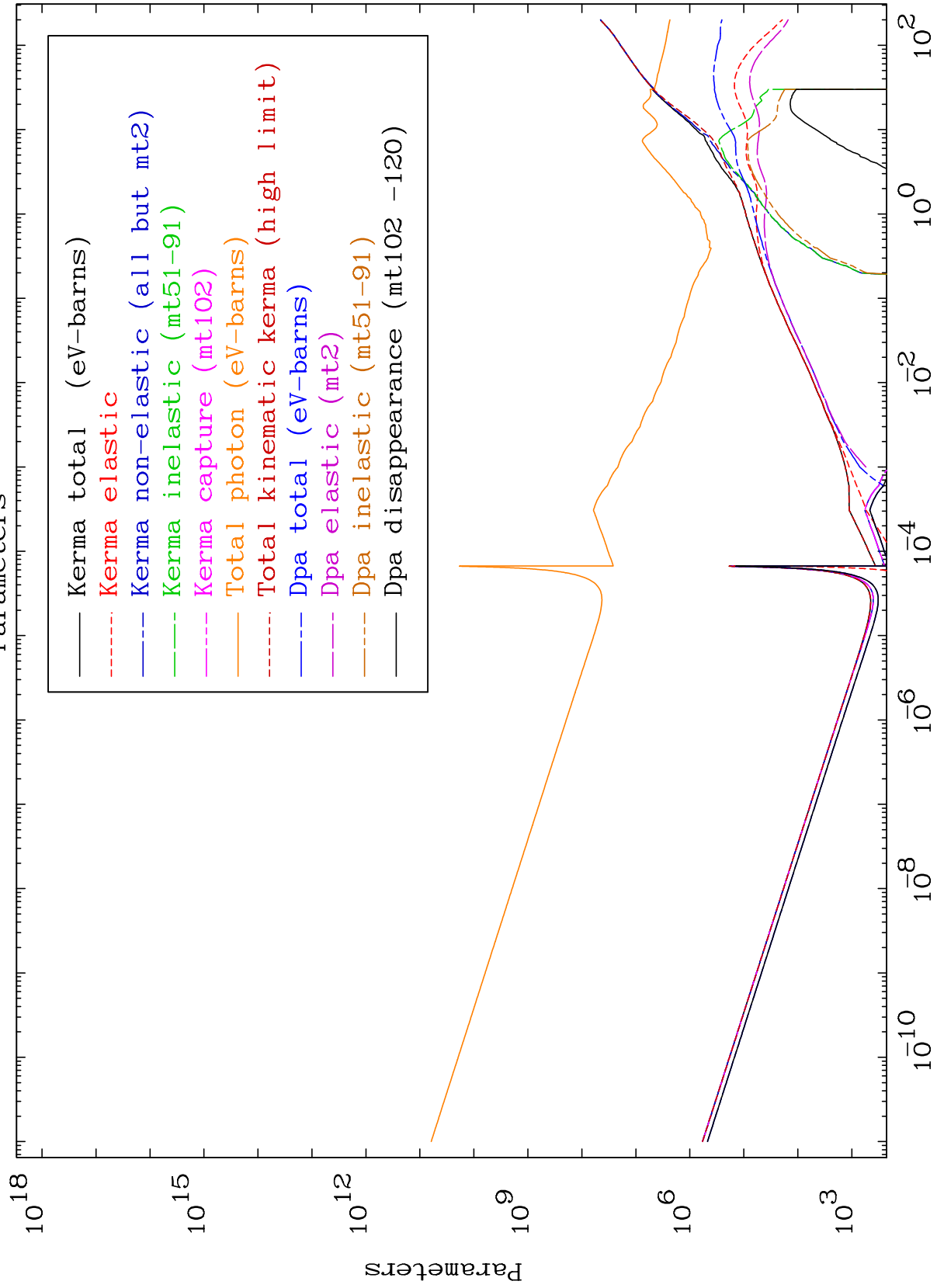
MAT 2934

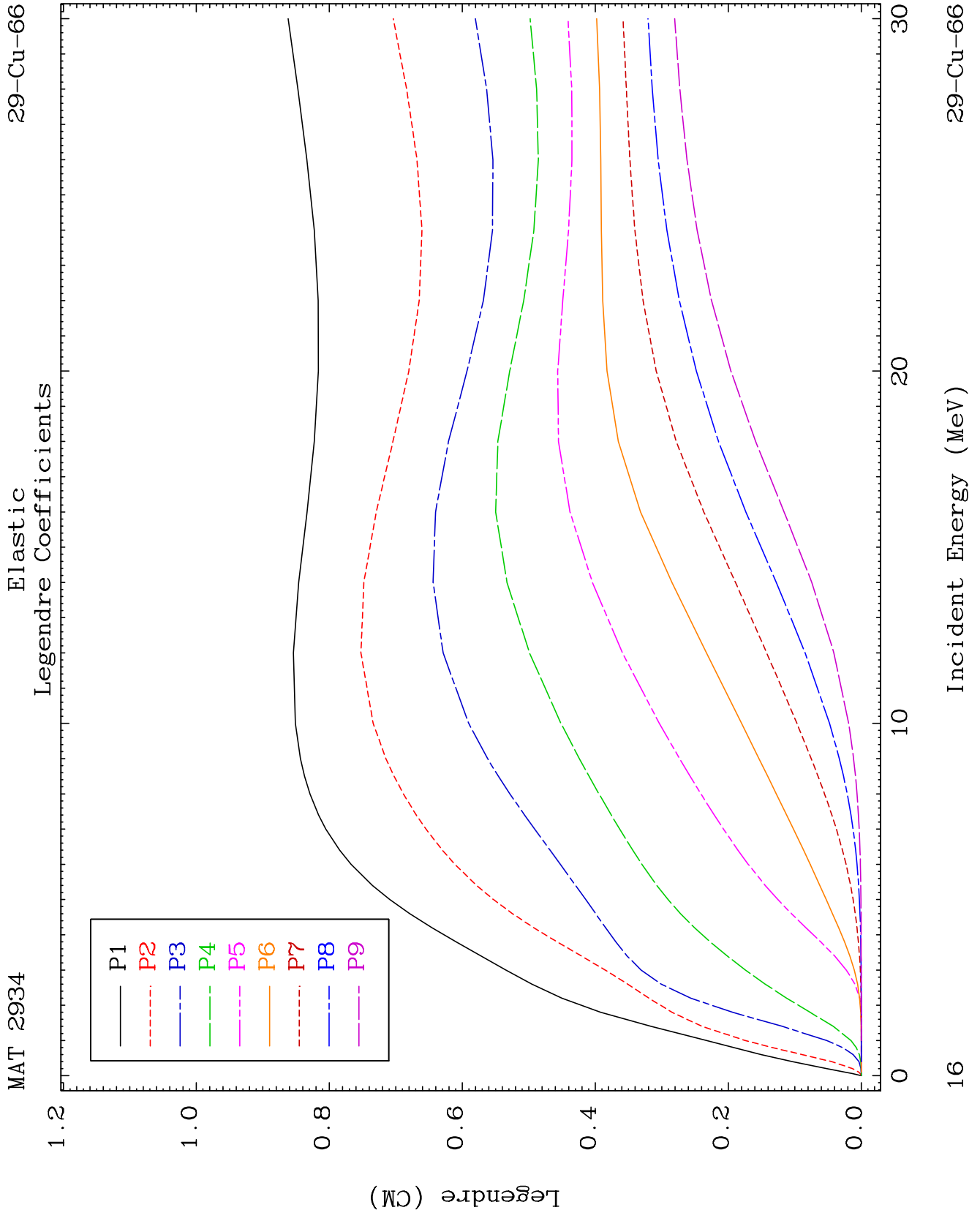
(n,α) Levels
293 Kelvin Cross Sections

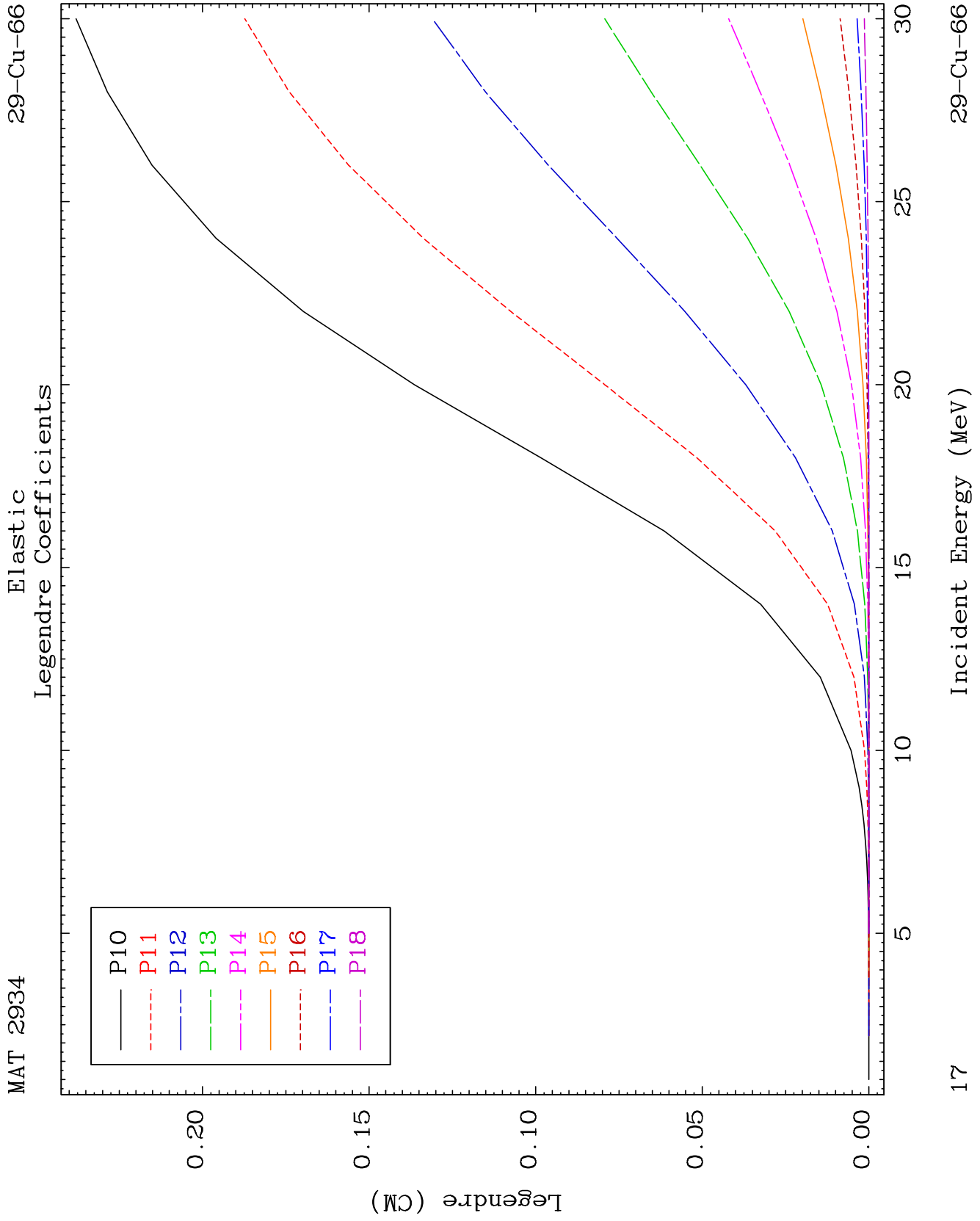
29-Cu-66



29-Cu-66



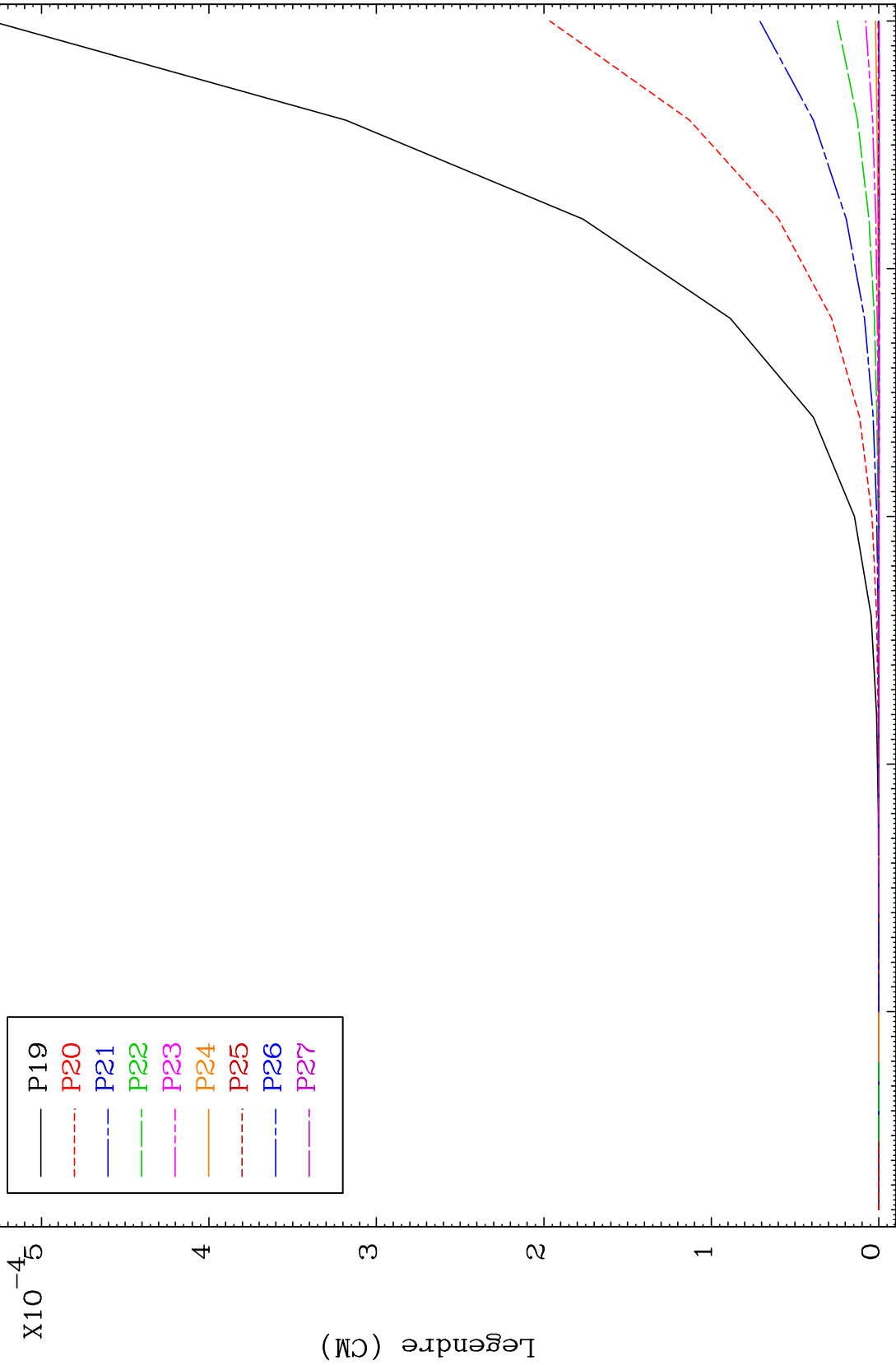
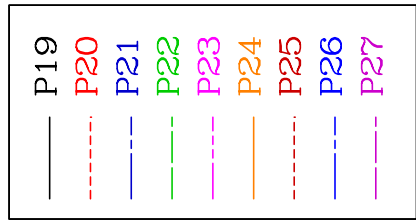




MAT 2934

Elastic Legendre Coefficients

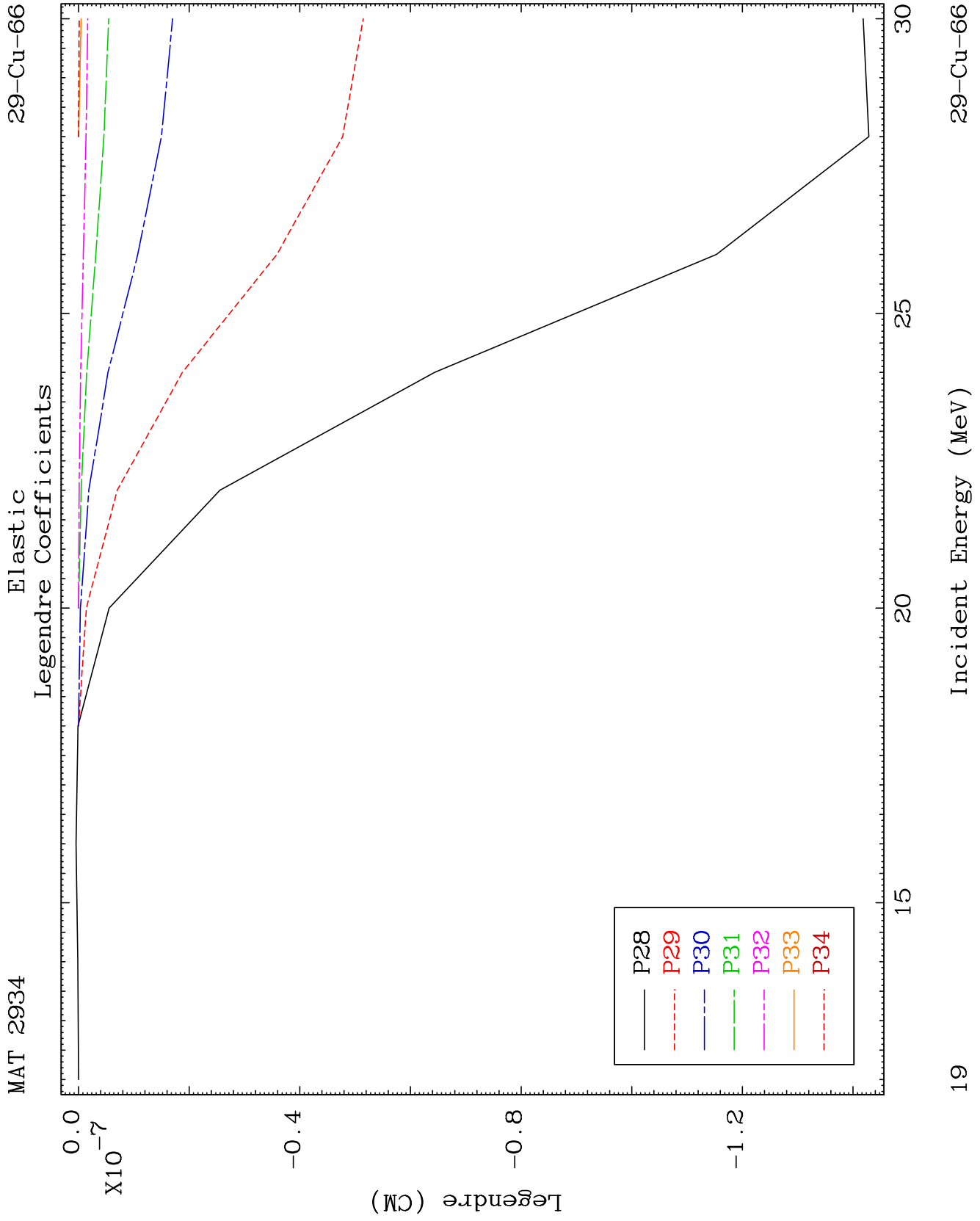
²⁹Cu-66



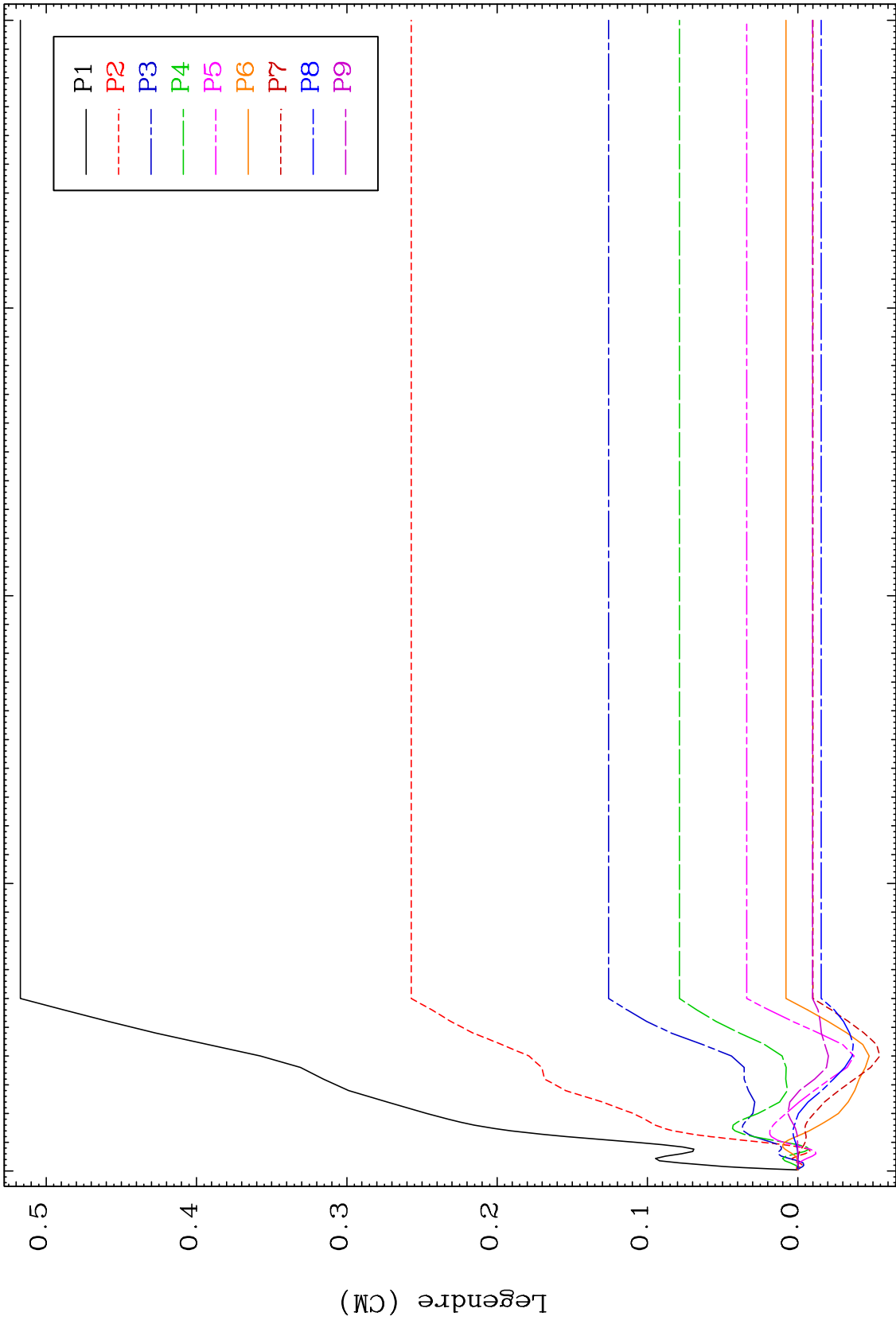
18

Incident Energy (MeV)

²⁹Cu-66

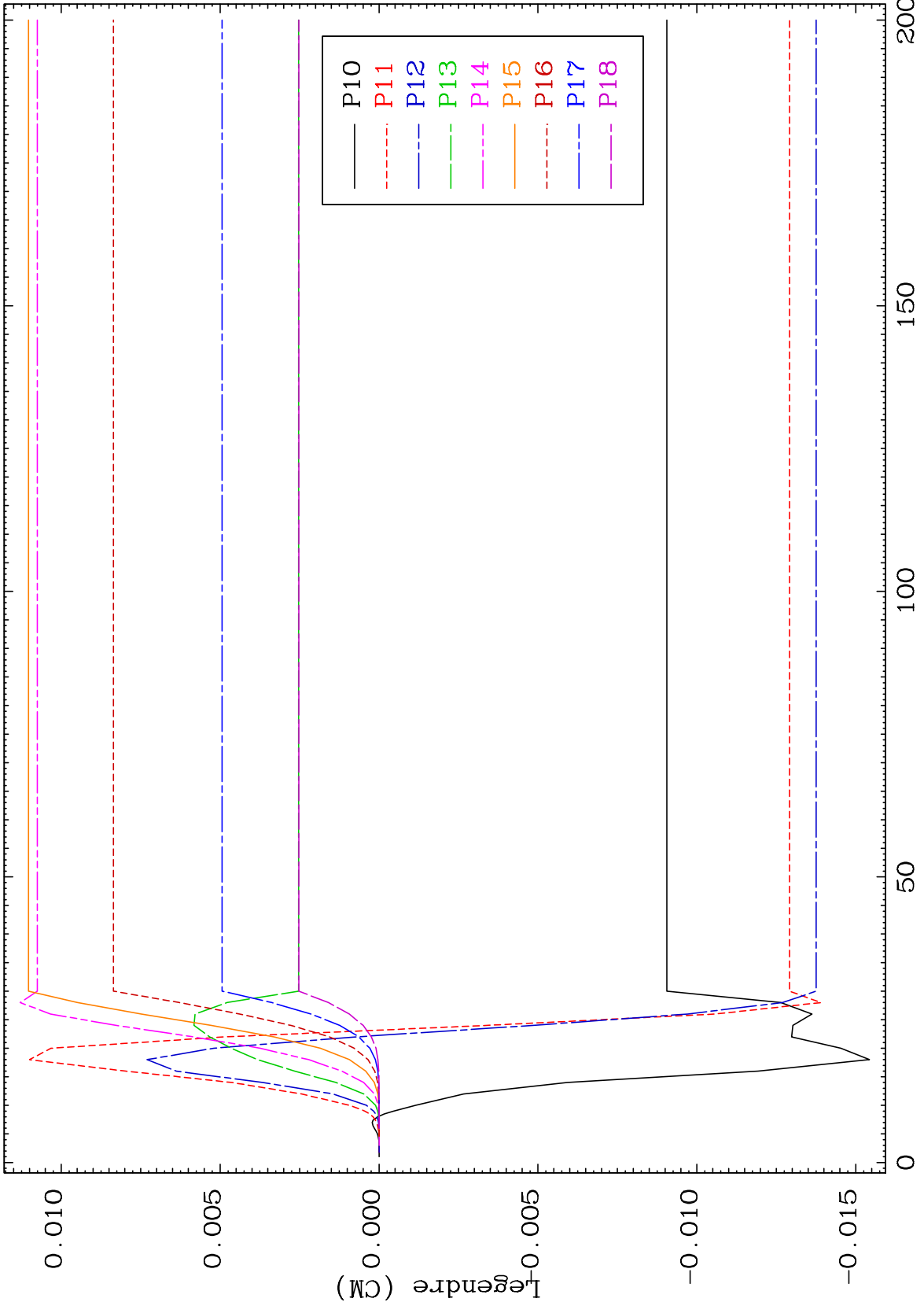


MAT 2934 MT= 51 (n,n') Level Legendre Coefficients 29-Cu-66



Legendre (CM) Incident Energy (MeV) 29-Cu-66

MAT 2934 MT= 51 (n,n') Level Legendre Coefficients 29-Cu-66

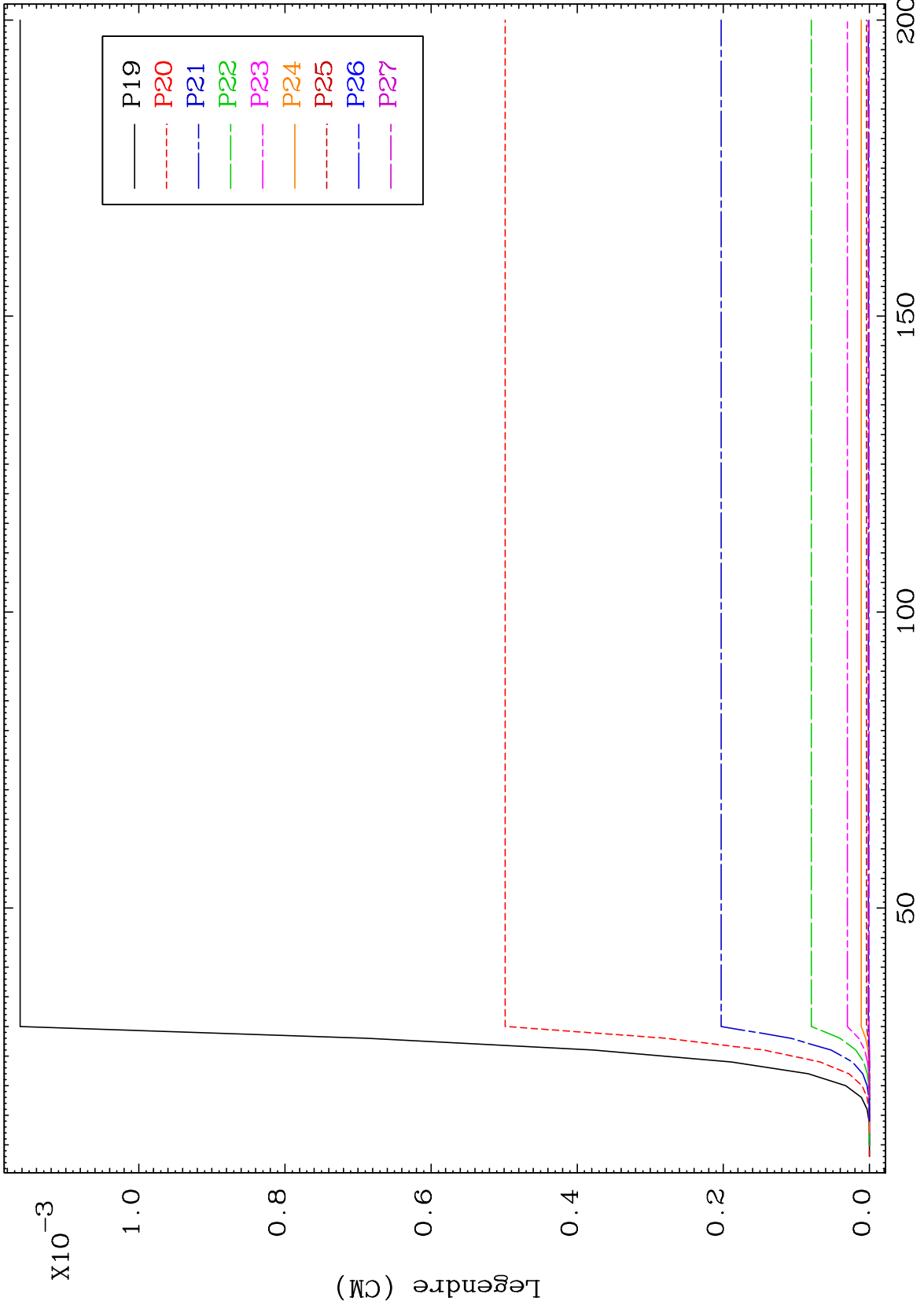


21 29-Cu-66

MAT 2934

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

29-Cu-66

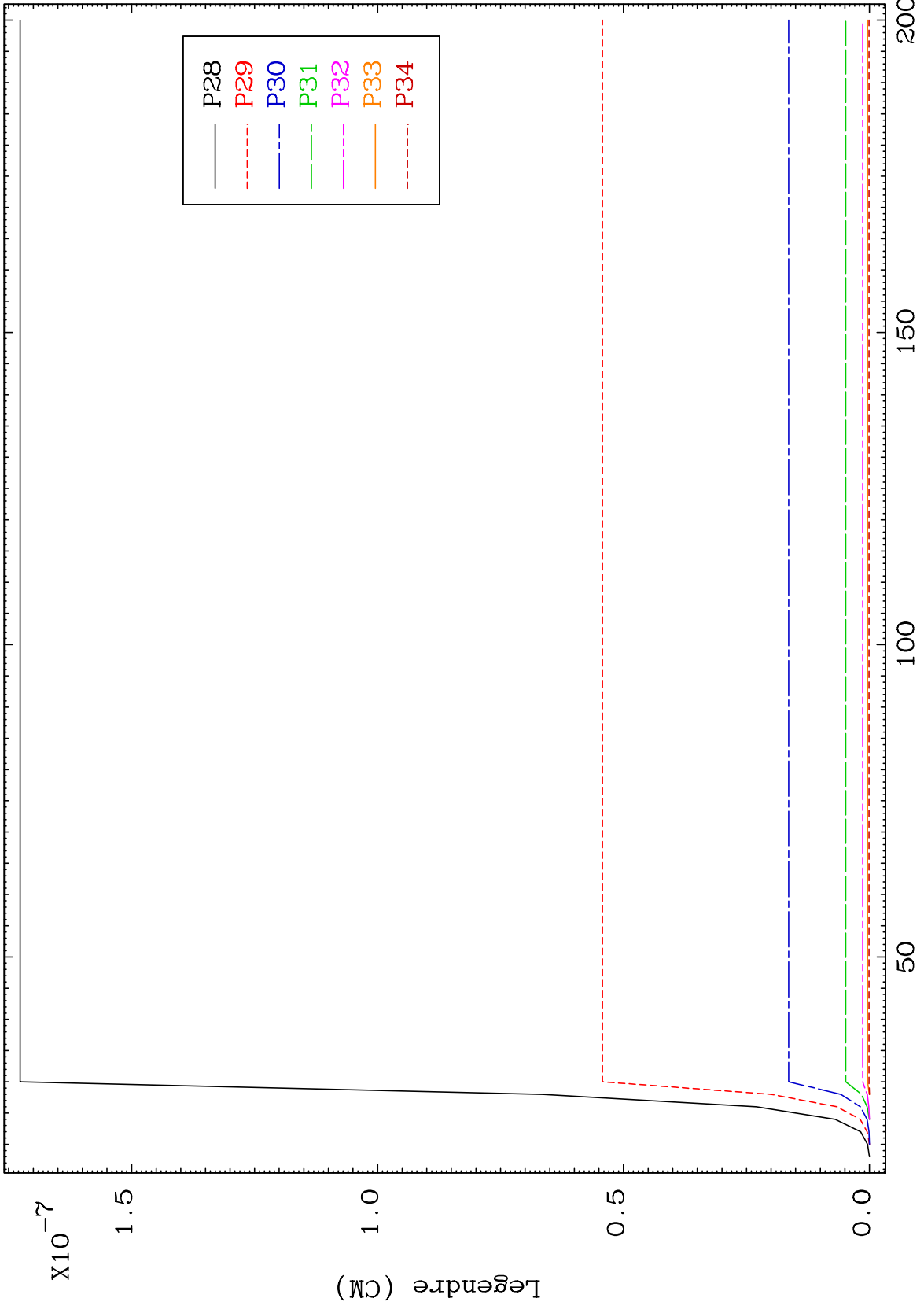


22

Incident Energy (MeV)

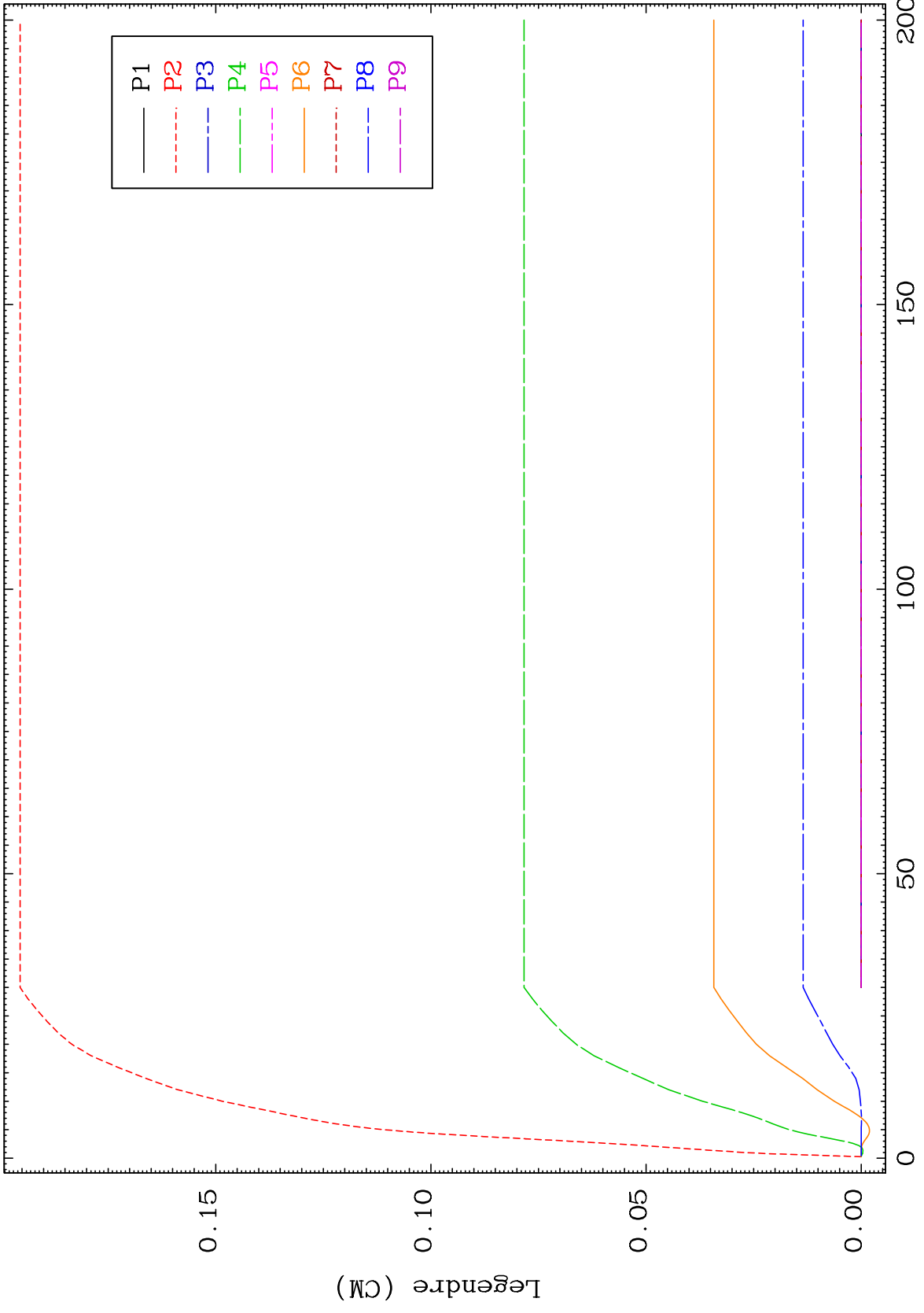
29-Cu-66

MAT 2934 MT= 51 (n,n') Level Legendre Coefficients 29-Cu-66



23 29-Cu-66

MAT 2934 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-66

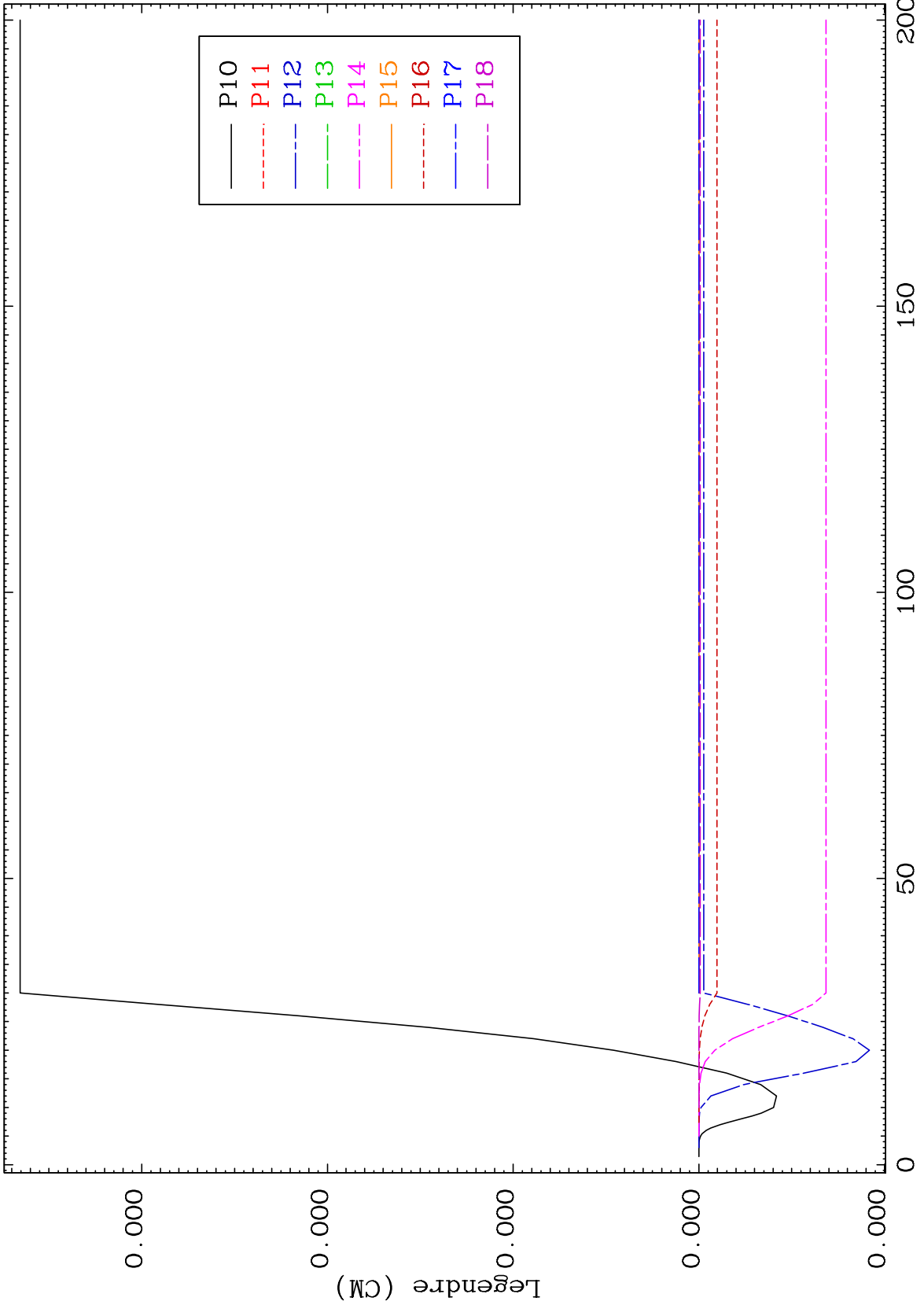


24 29-Cu-66

MAT 2934

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

29-Cu-66

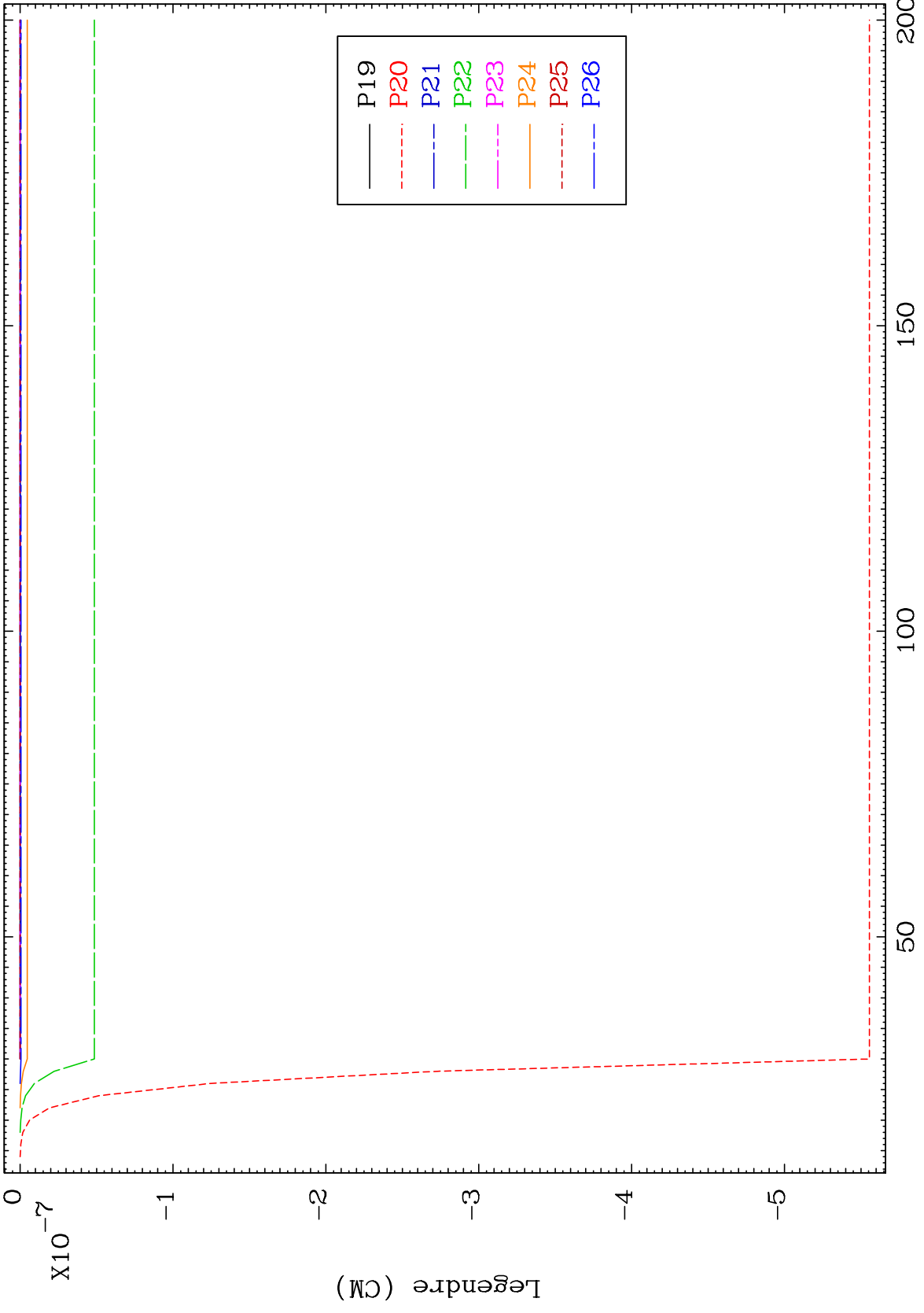


25

Incident Energy (MeV)

29-Cu-66

MAT 2934 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-66

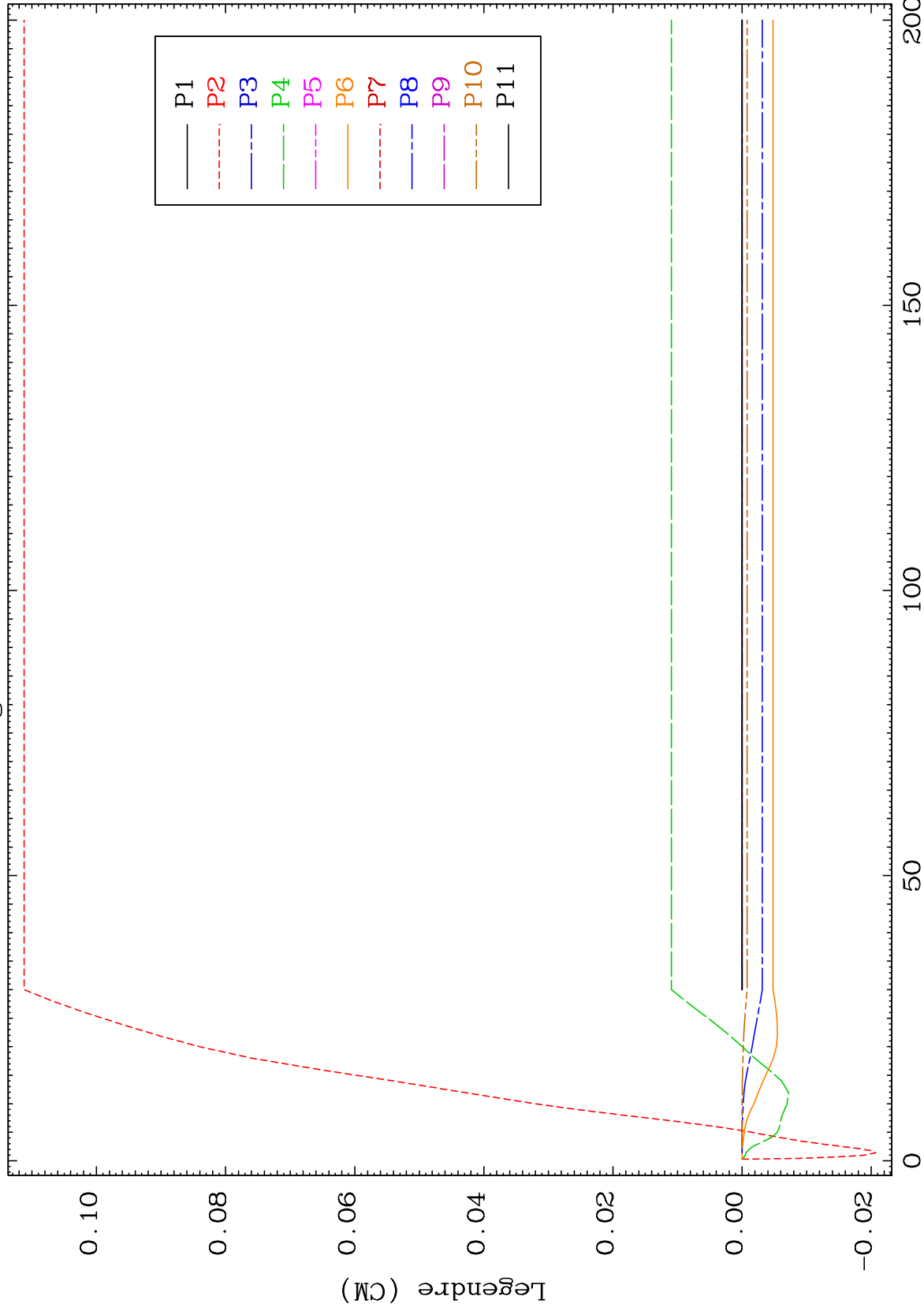


26 Incident Energy (MeV) 29-Cu-66

MAT 2934

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

29-Cu-66



27

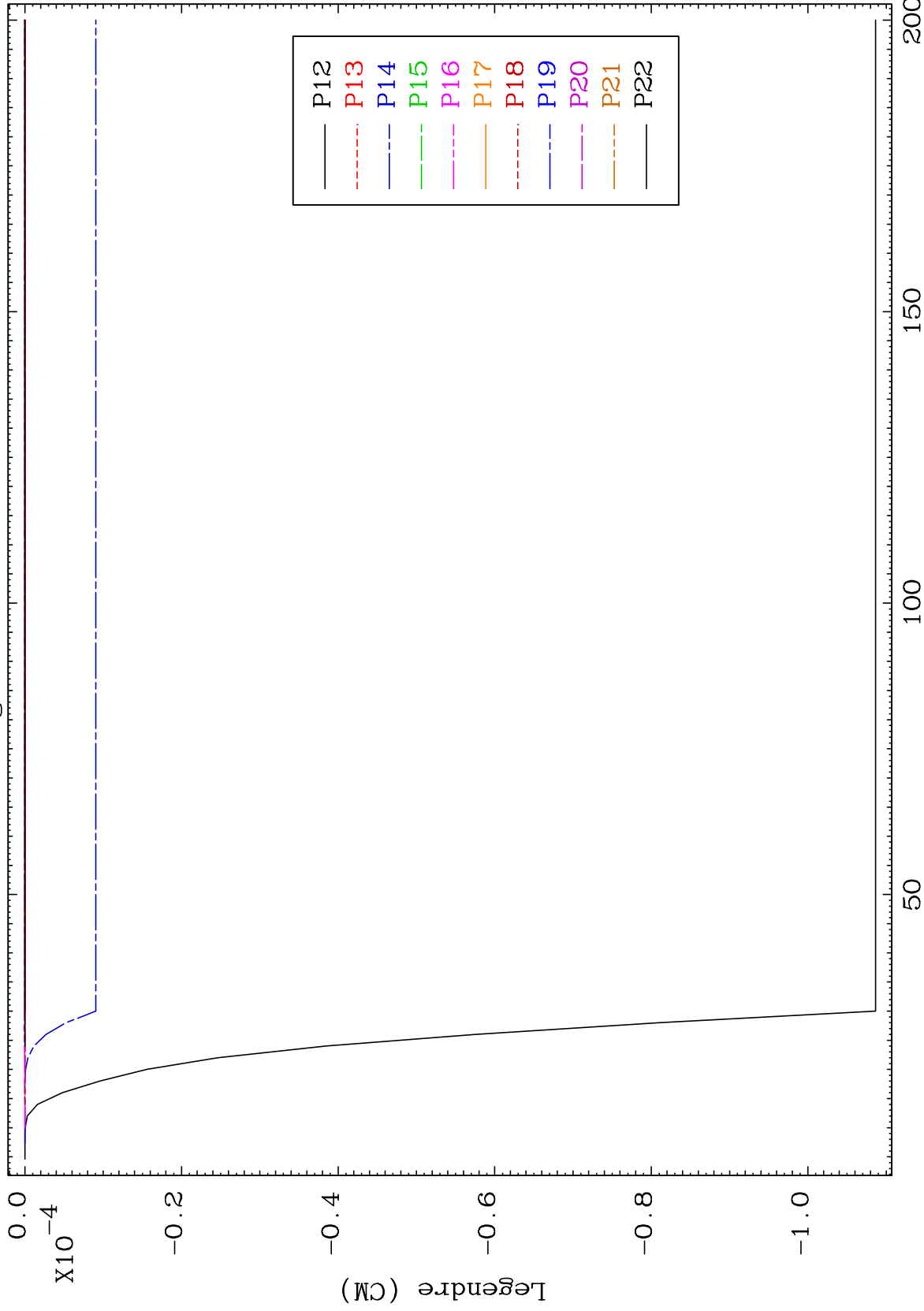
Incident Energy (MeV)

29-Cu-66

MAT 2934

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

29-Cu-66

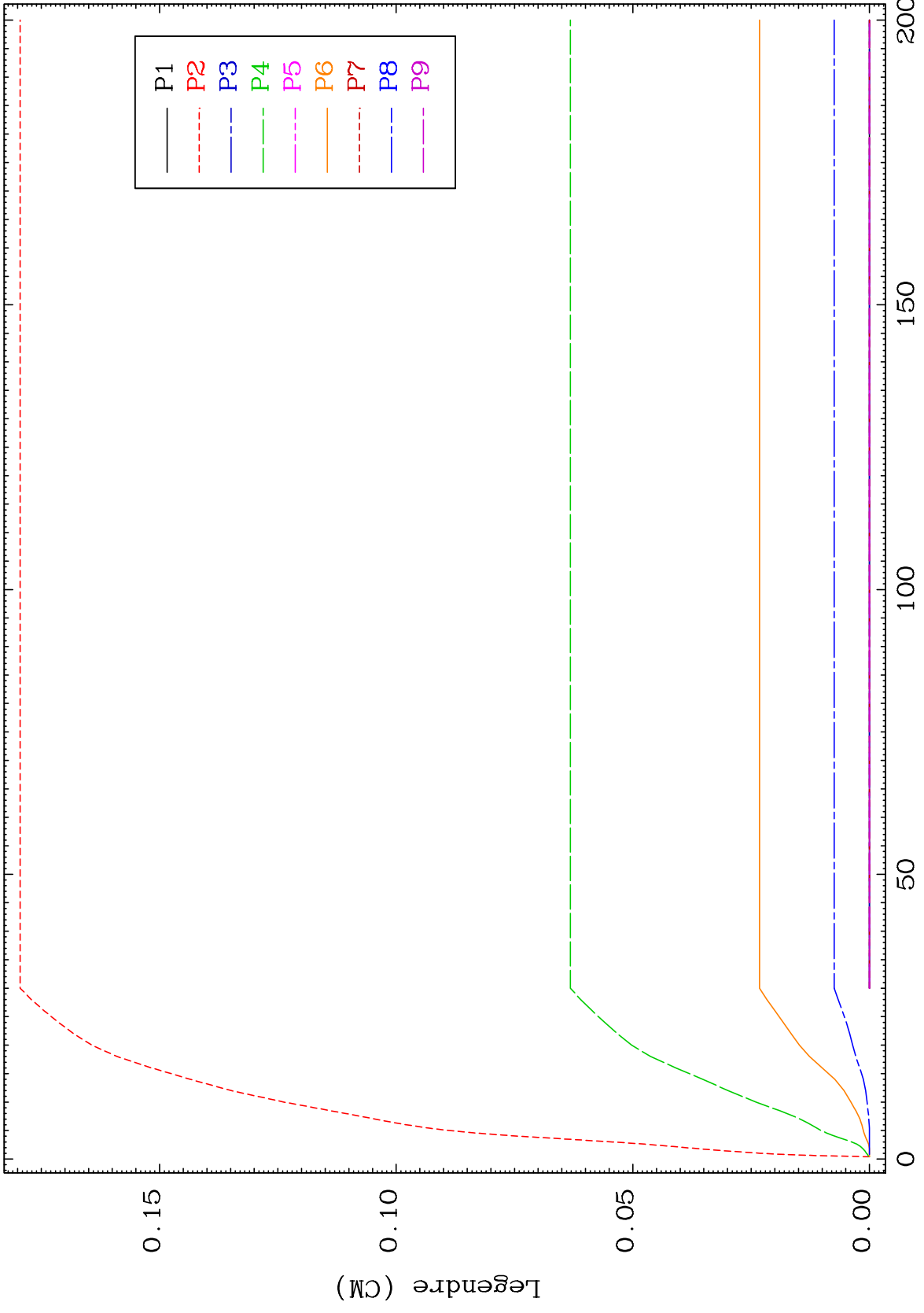


28

Incident Energy (MeV)

29-Cu-66

MAT 2934 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-66

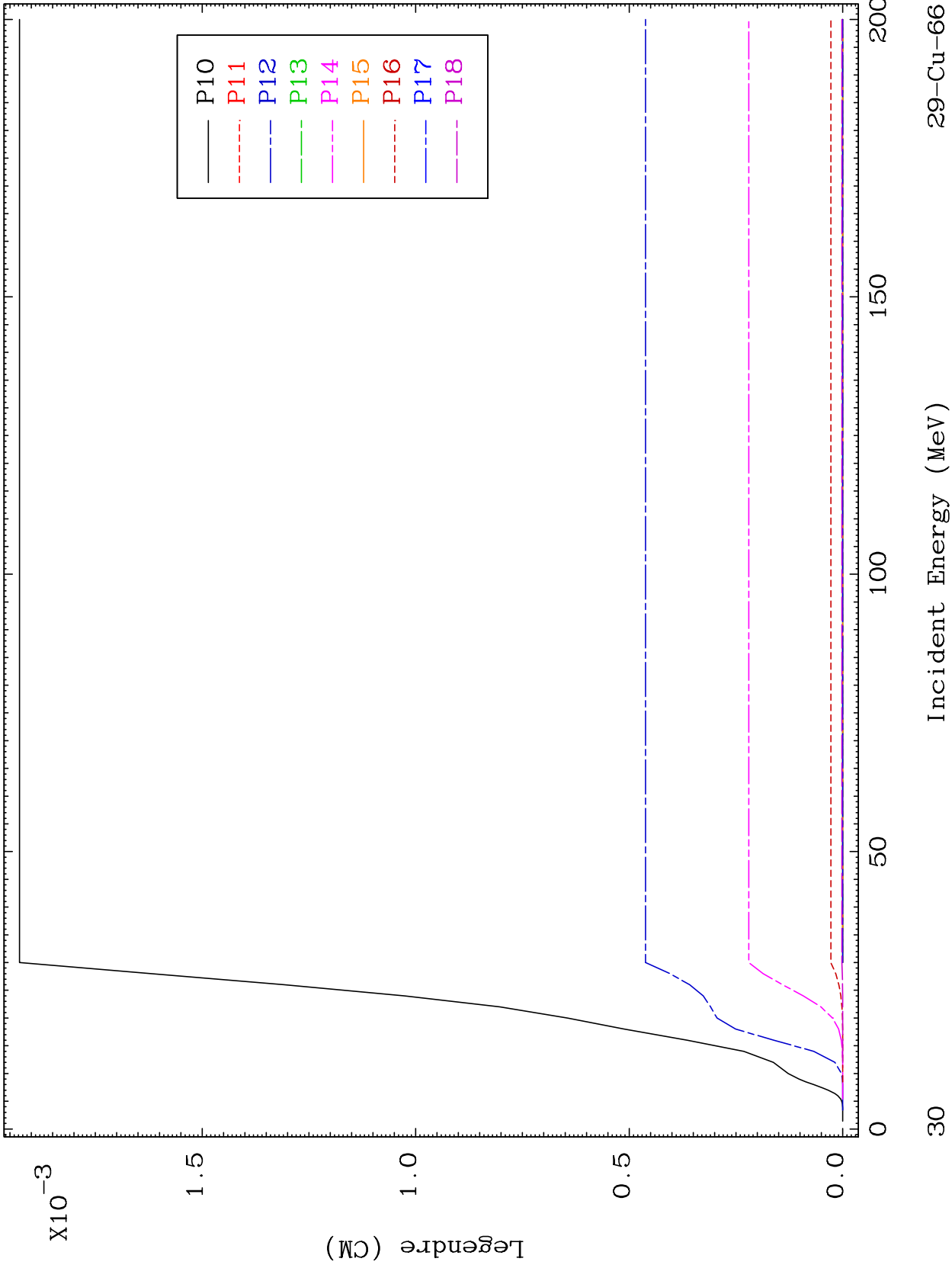


29-Cu-66

MAT 2934

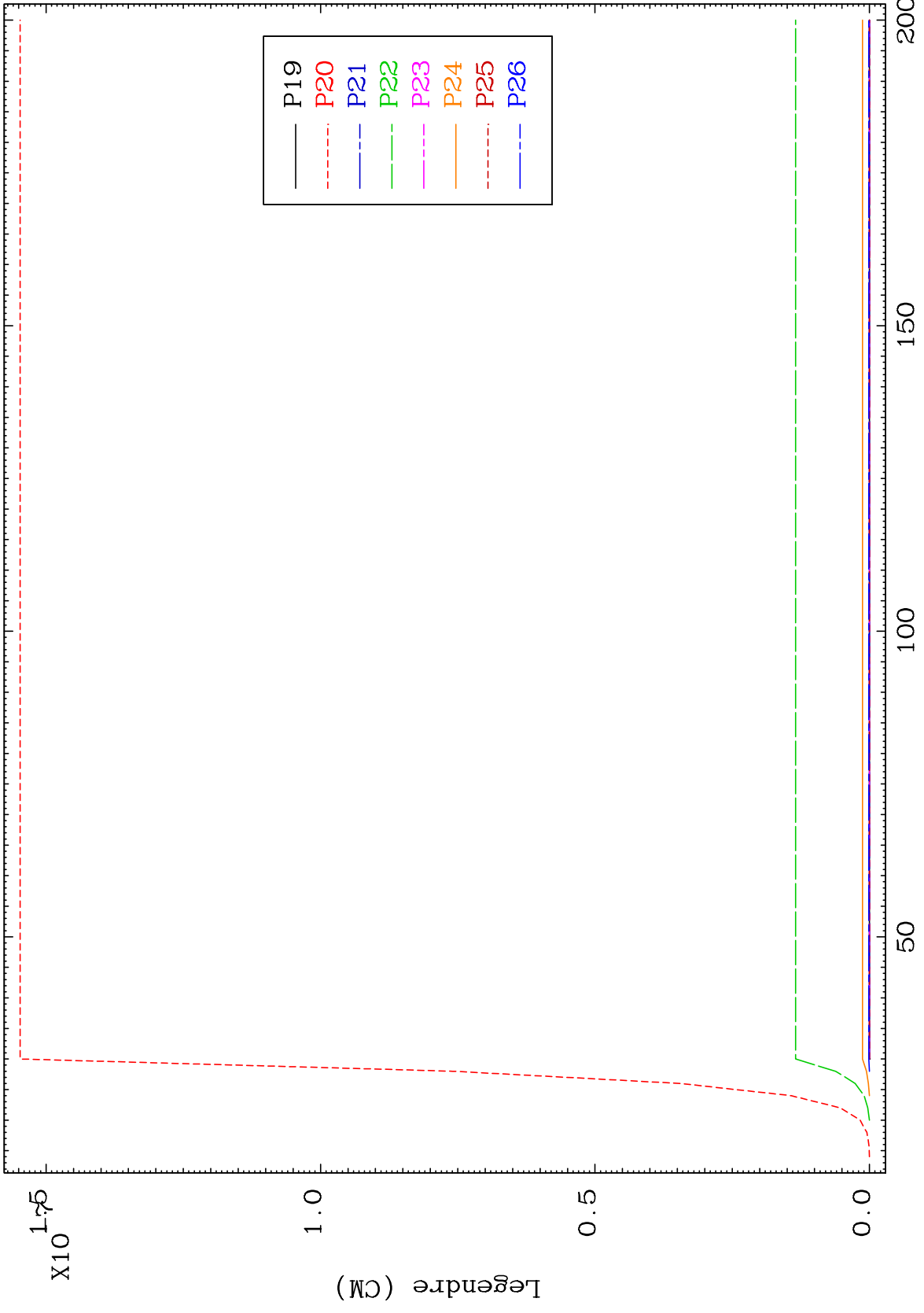
MT= 54 (n,n') Level
Legendre Coefficients

29-Cu-66



29-Cu-66

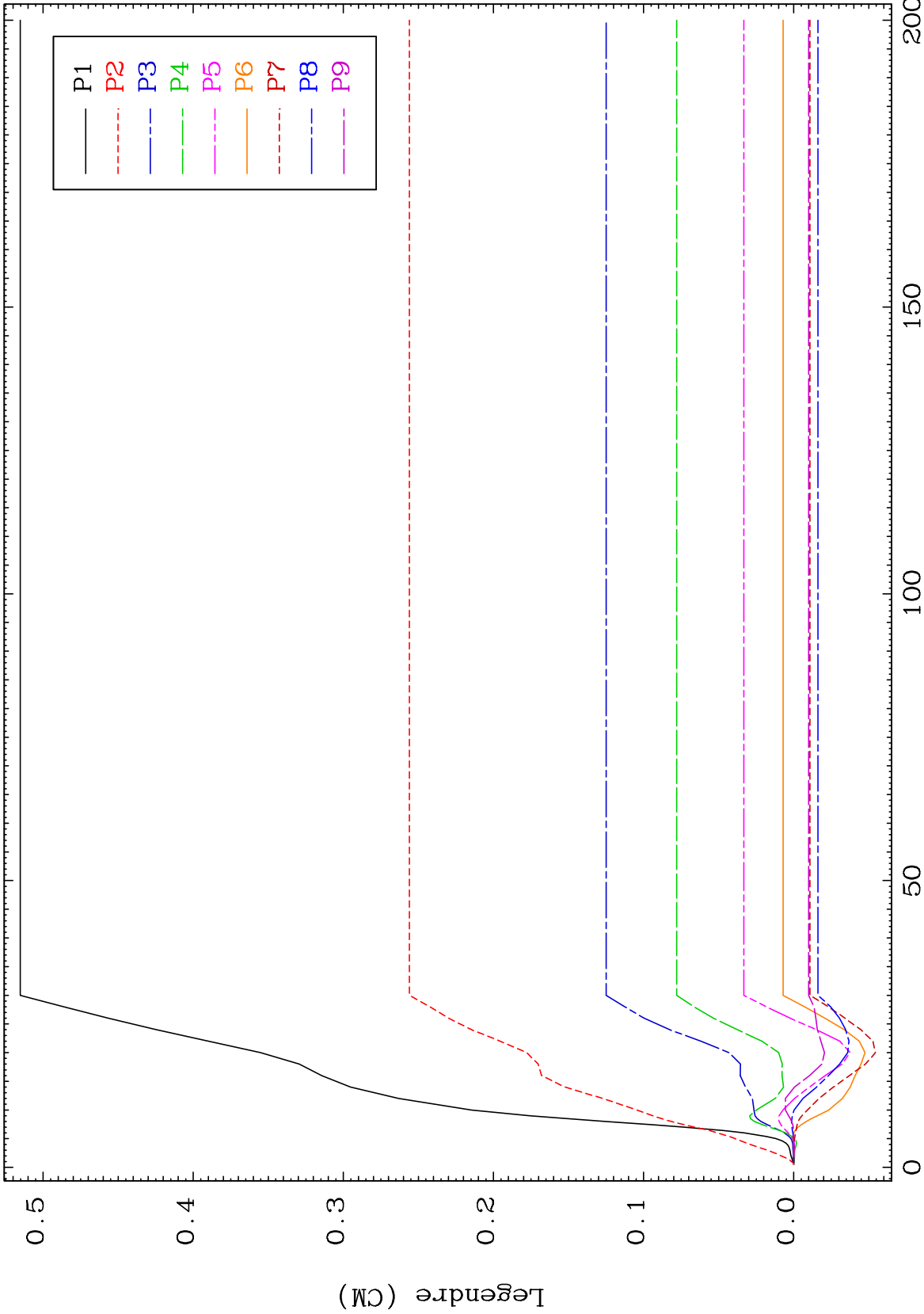
MAT 2934 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-66



MAT 2934

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

29-Cu-66

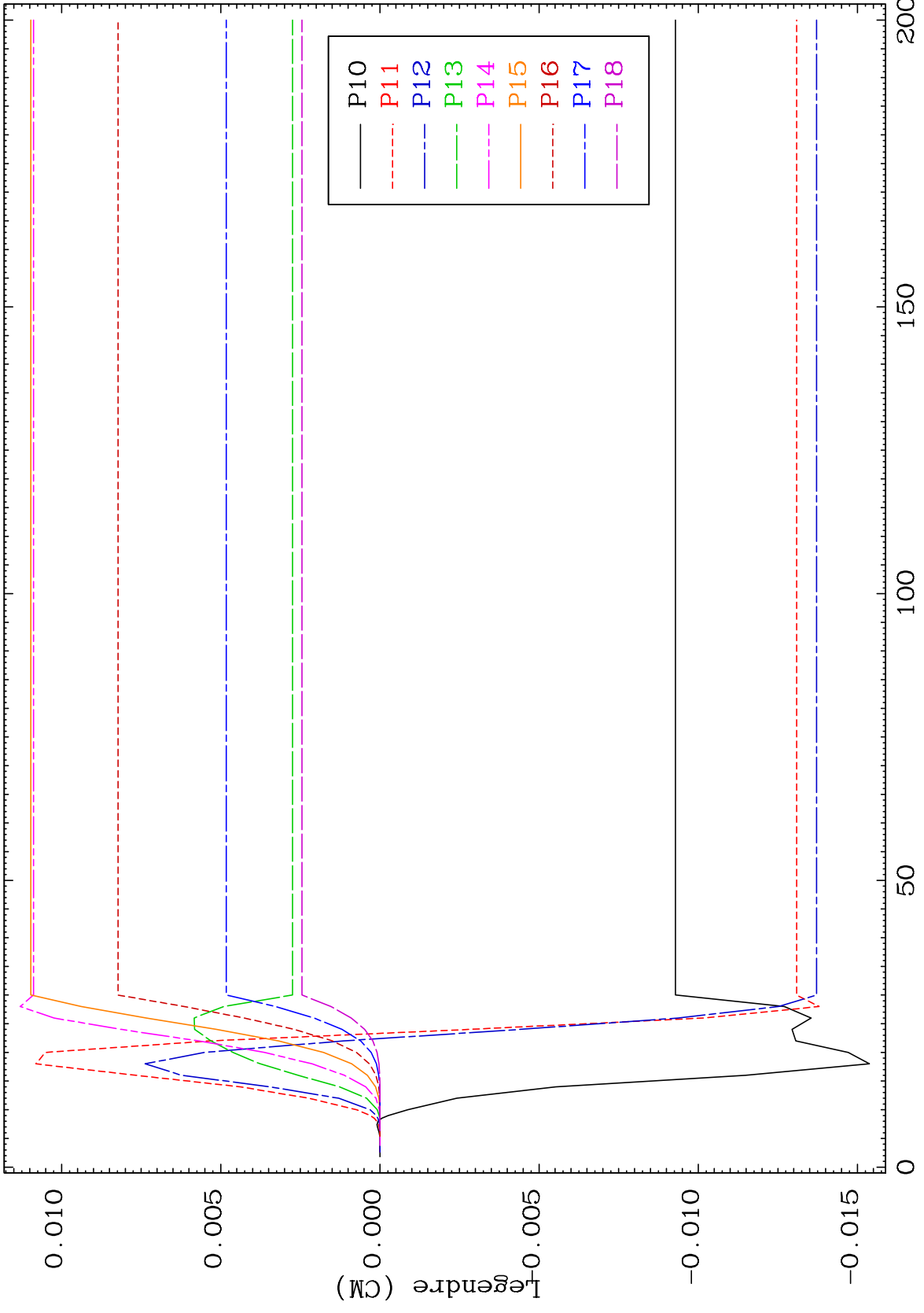


32

Incident Energy (MeV)

29-Cu-66

MAT 2934 MT= 55 (n,n') Level Legendre Coefficients 29-Cu-66

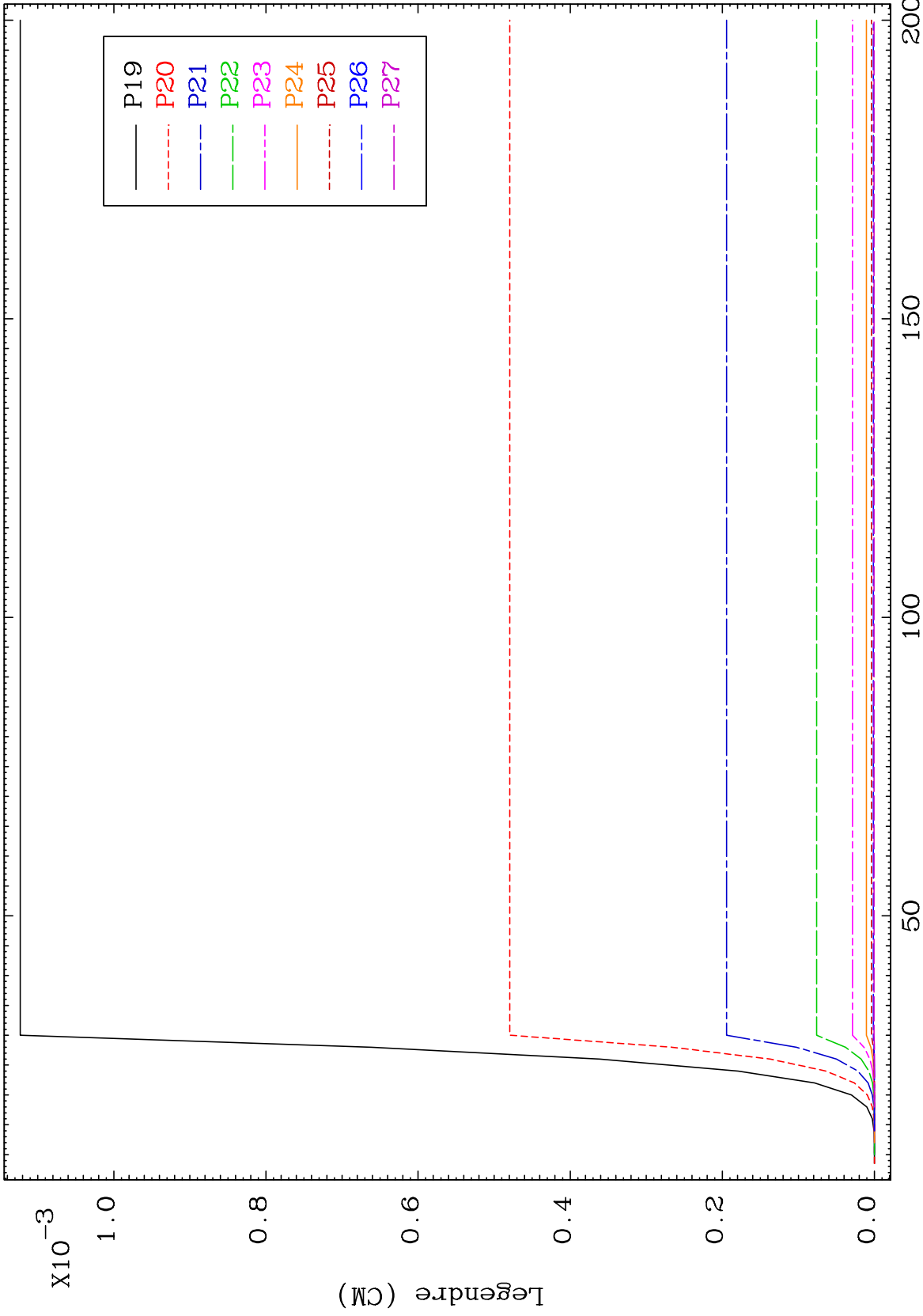


33 Incident Energy (MeV) 29-Cu-66

MAT 2934

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

29-Cu-66



34

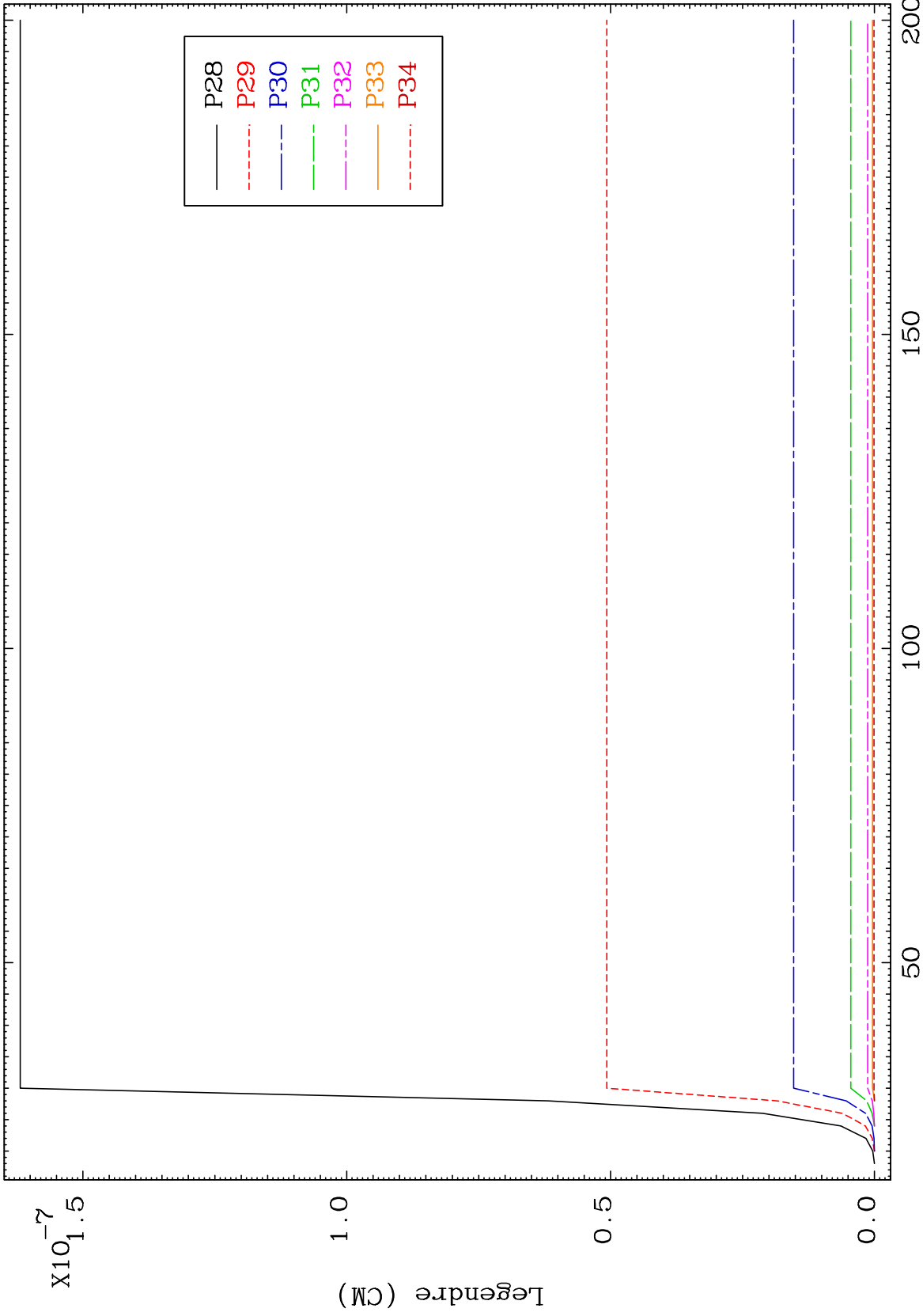
Incident Energy (MeV)

29-Cu-66

MAT 2934

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

29-Cu-66

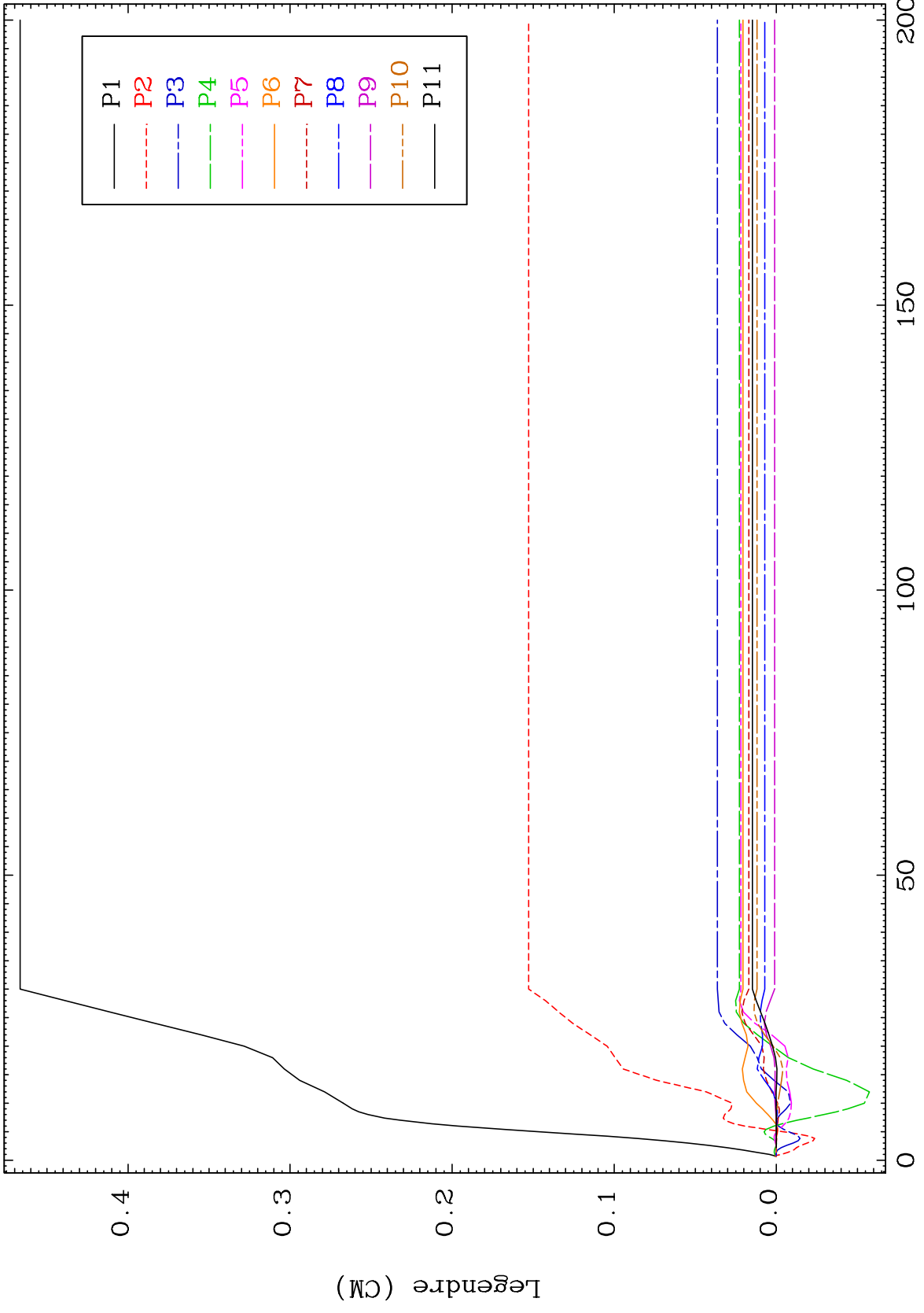


35

Incident Energy (MeV)

29-Cu-66

MAT 2934 MT= 56 (n,n') Level Legendre Coefficients 29-Cu-66

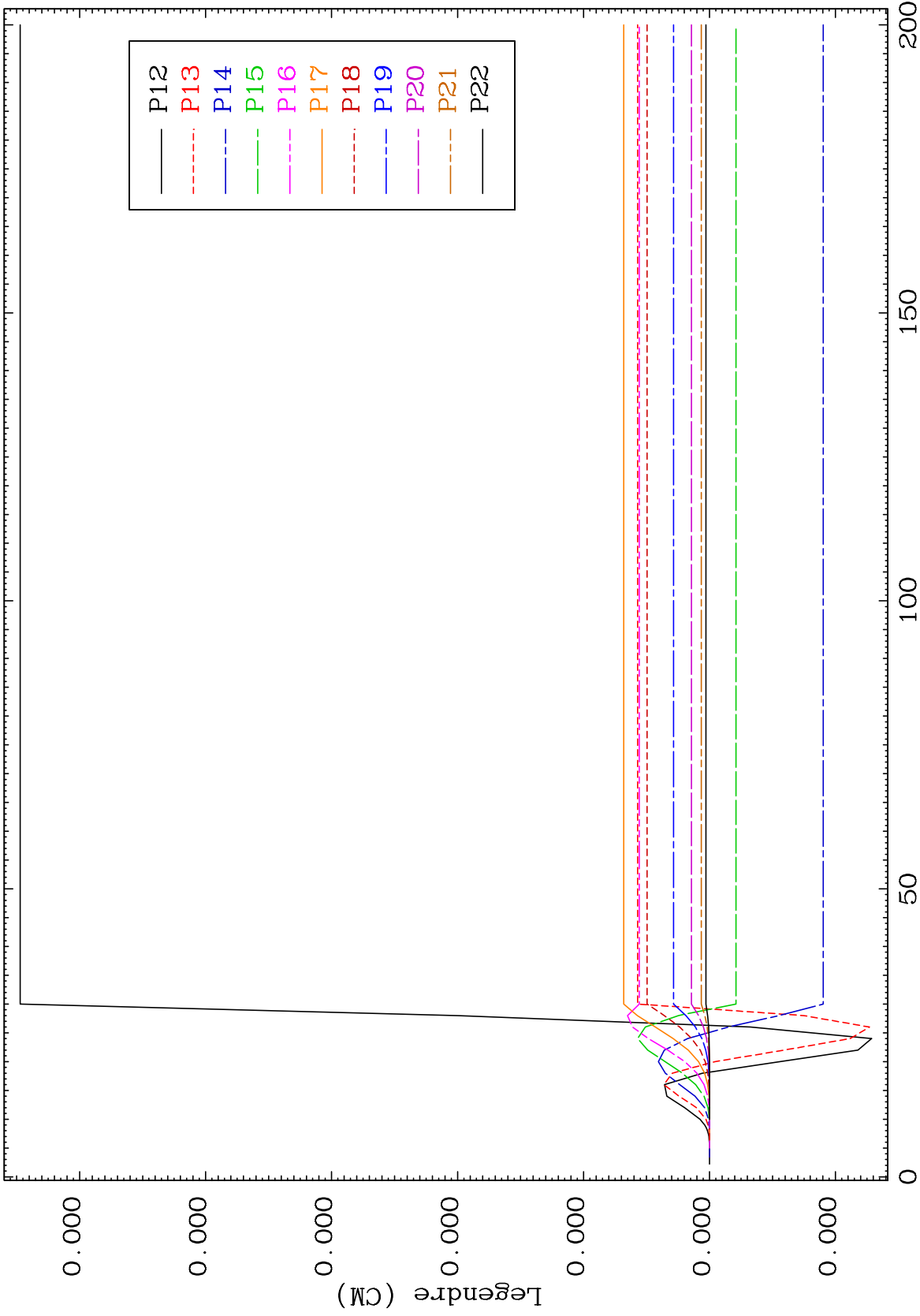


36 Incident Energy (MeV) 29-Cu-66

MAT 2934

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

29-Cu-66



37

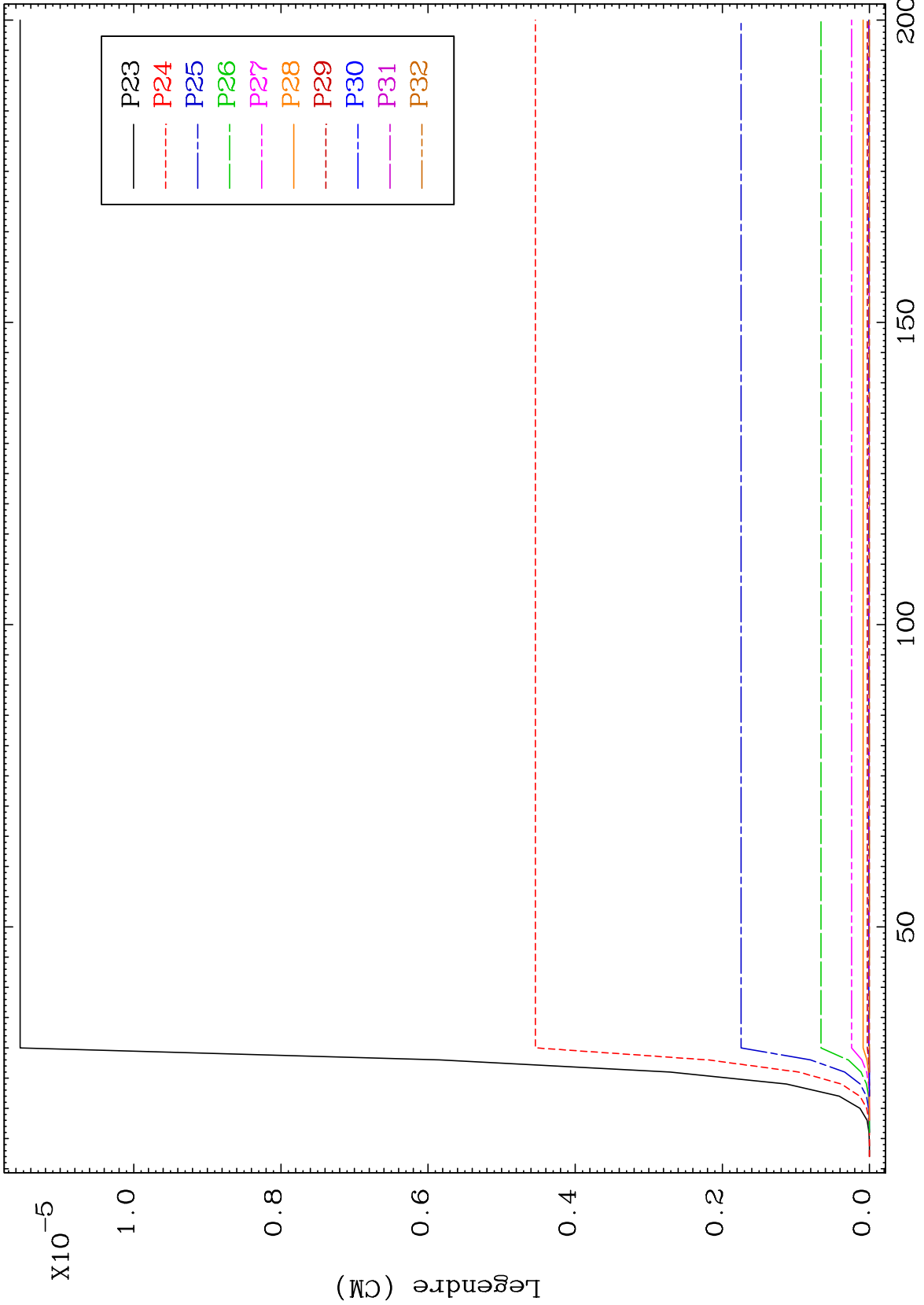
Incident Energy (MeV)

29-Cu-66

MAT 2934

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

29-Cu-66

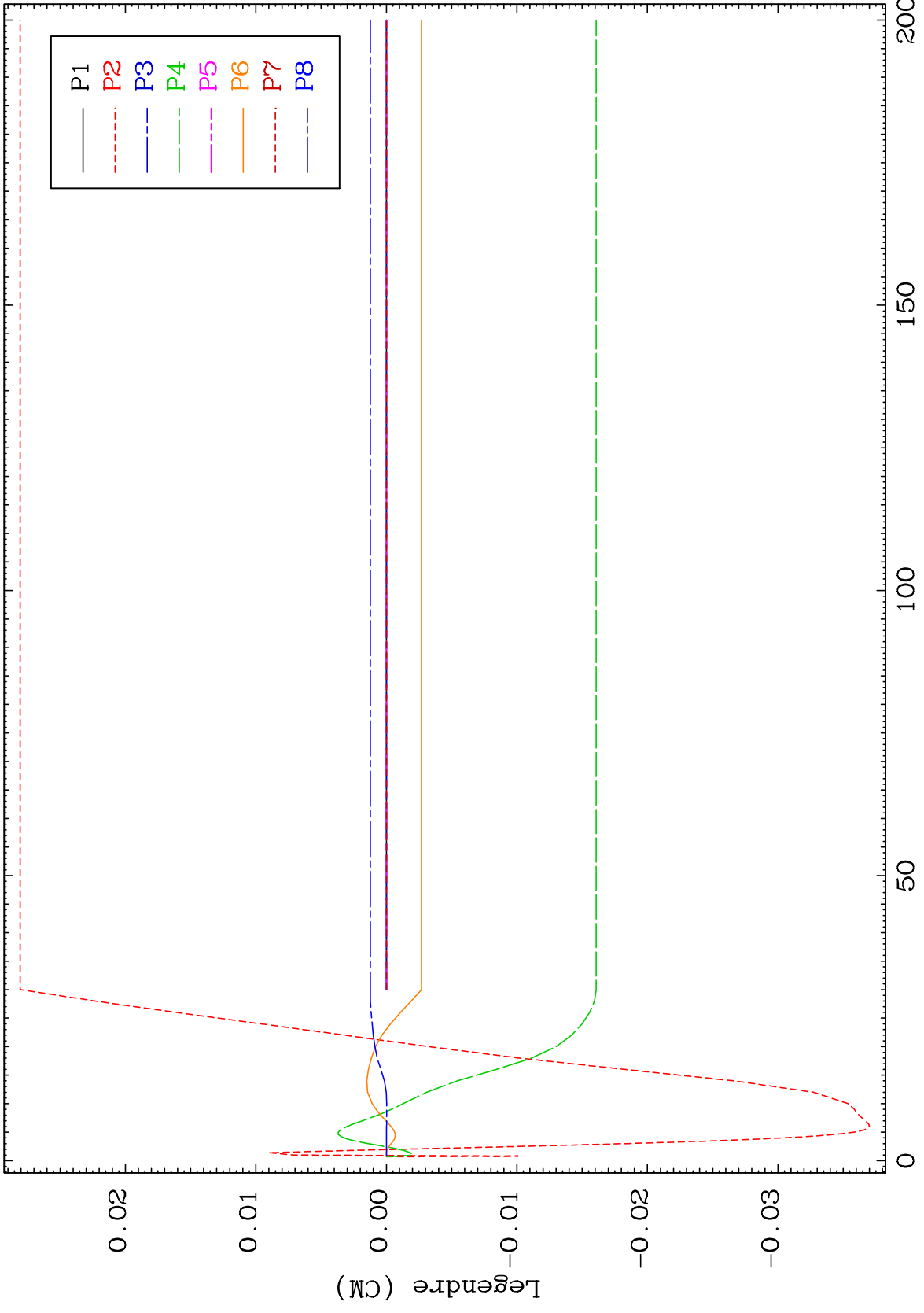


38

Incident Energy (MeV)

29-Cu-66

MAT 2934 MT= 57 (n,n') Level Legendre Coefficients 29-Cu-66

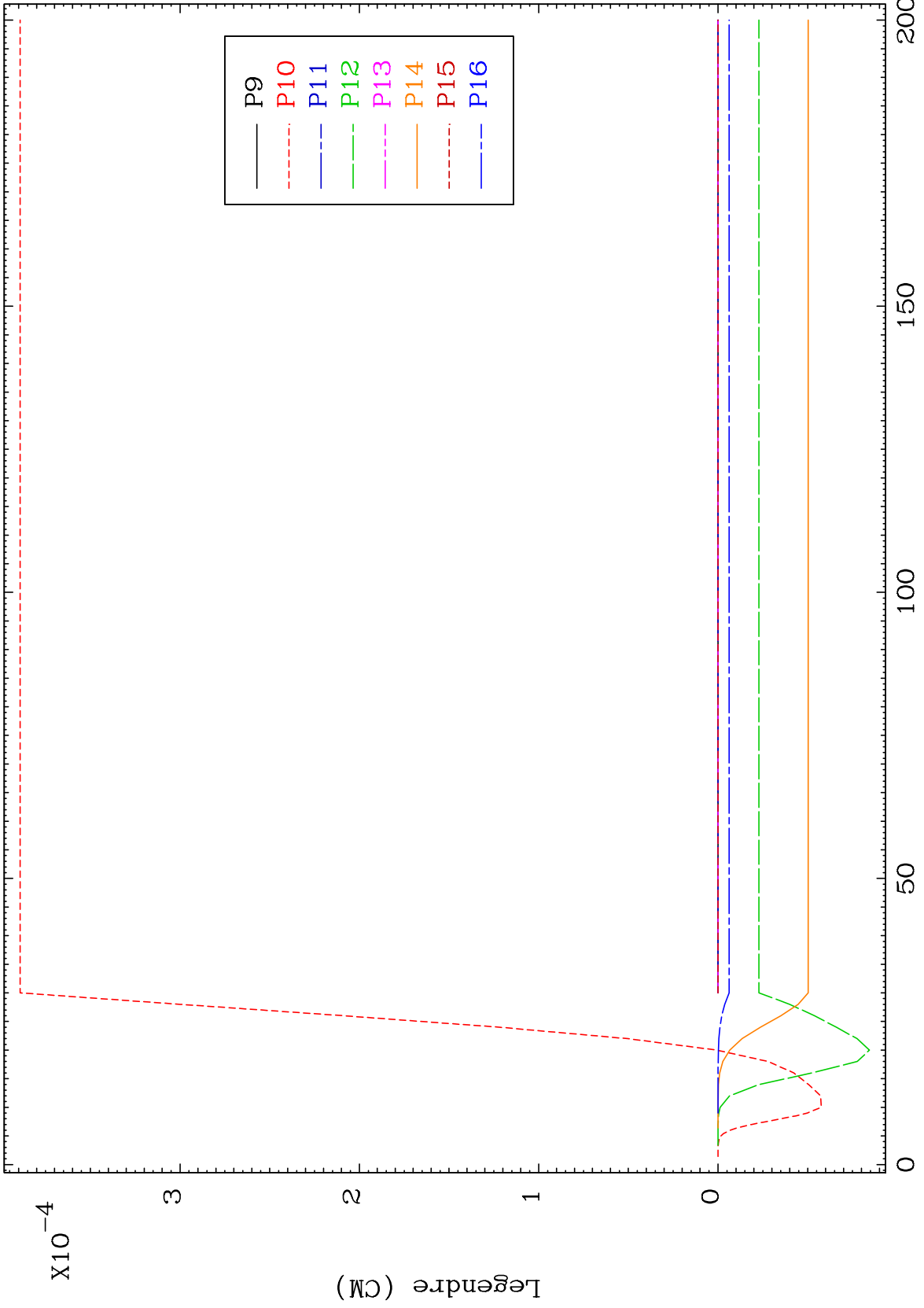


39 Incident Energy (MeV) 29-Cu-66

MAT 2934

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

29-Cu-66

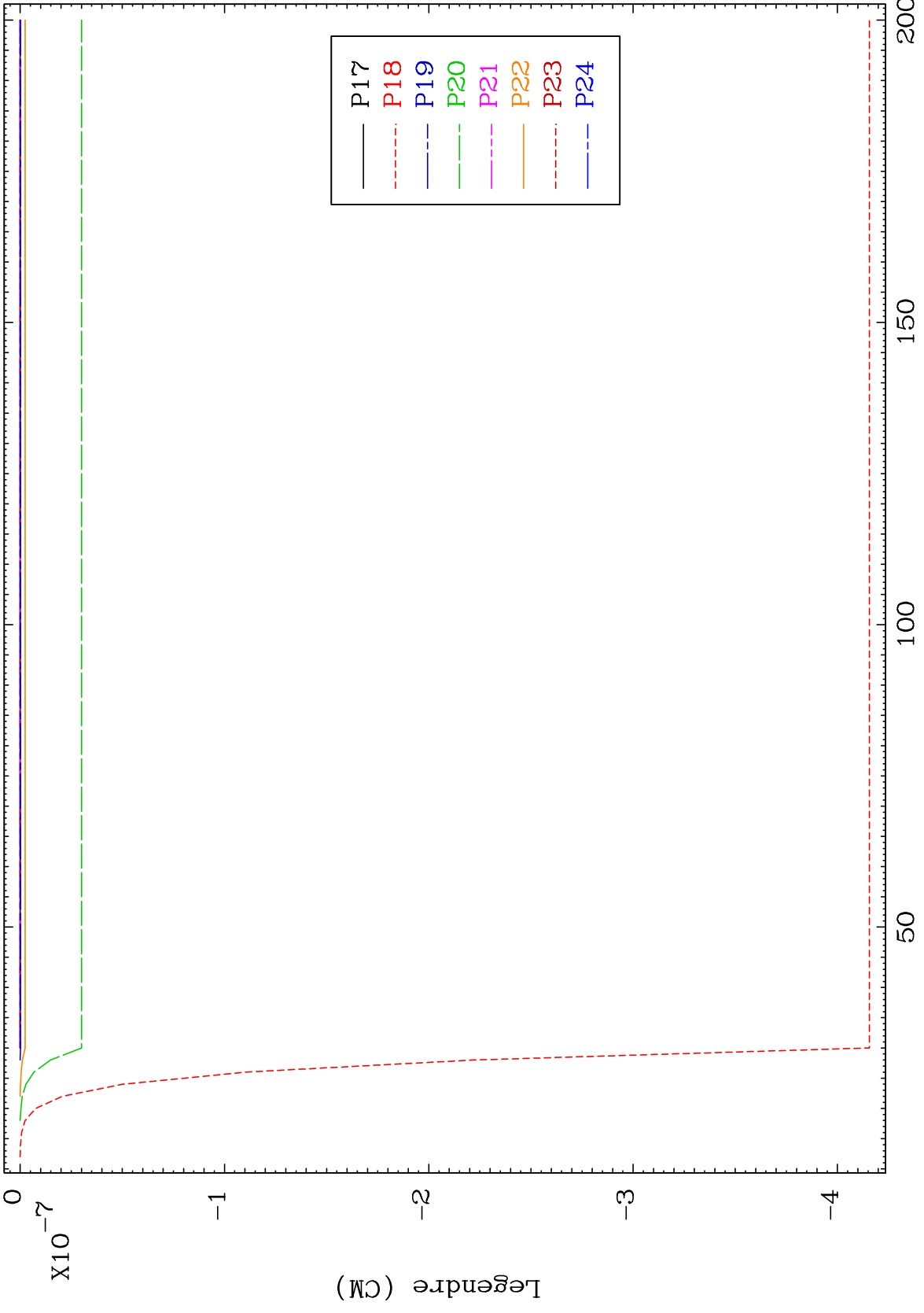


40

Incident Energy (MeV)

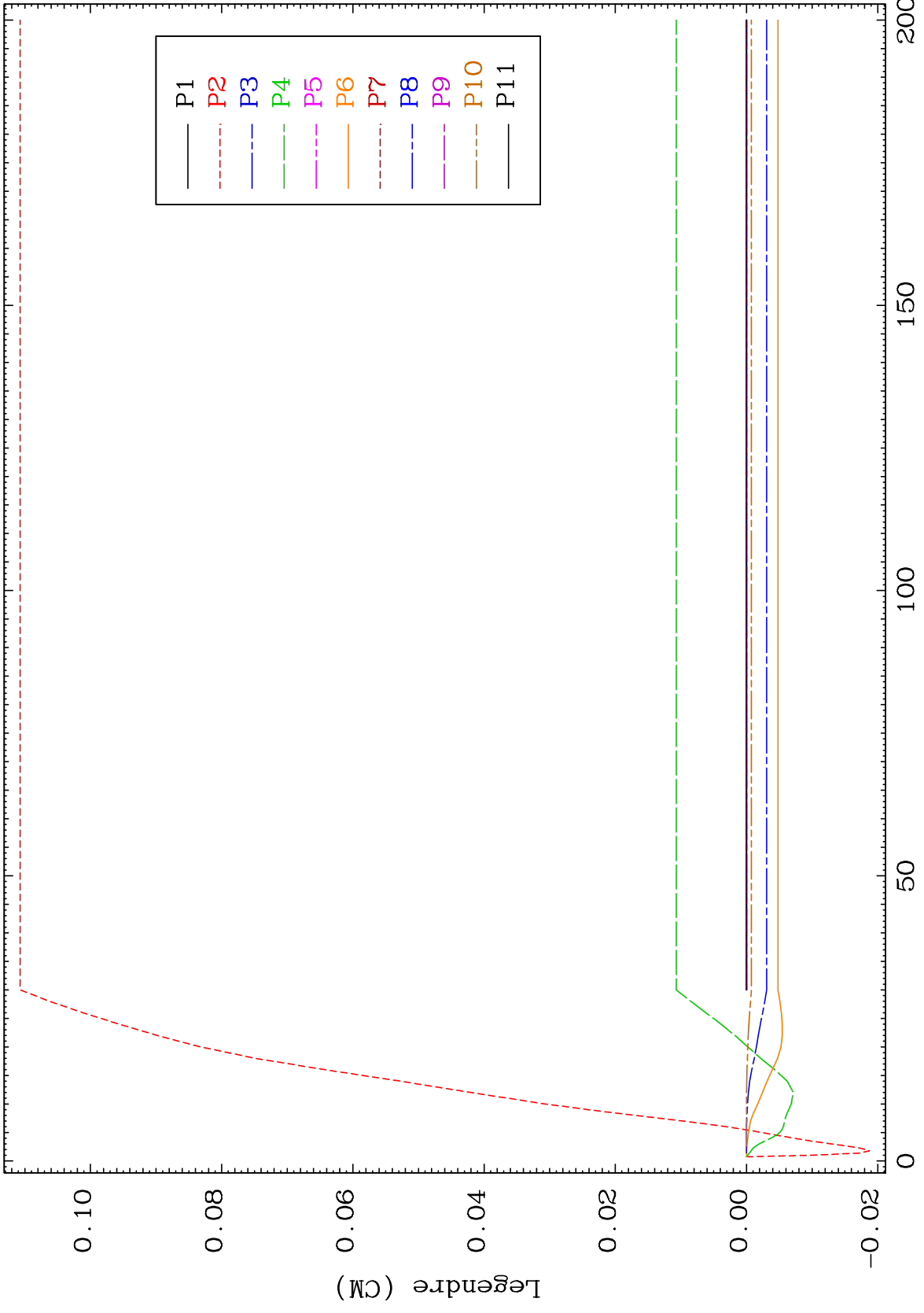
29-Cu-66

MAT 2934 MT= 57 (n,n') Level Legendre Coefficients 29-Cu-66



41 29-Cu-66

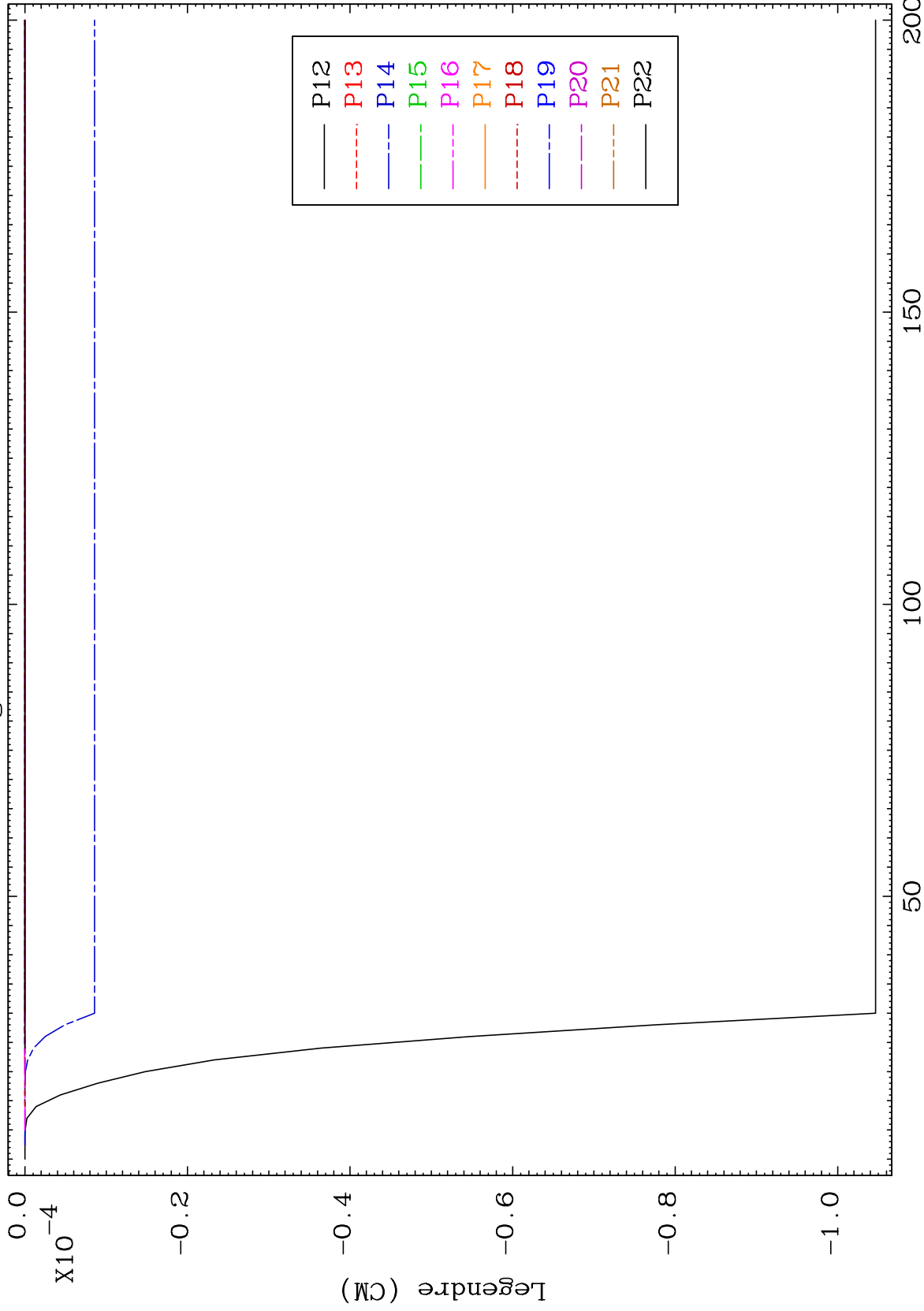
MAT 2934 MT= 58 (n,n') Level Legendre Coefficients 29-Cu-66



MAT 2934

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

29-Cu-66



43

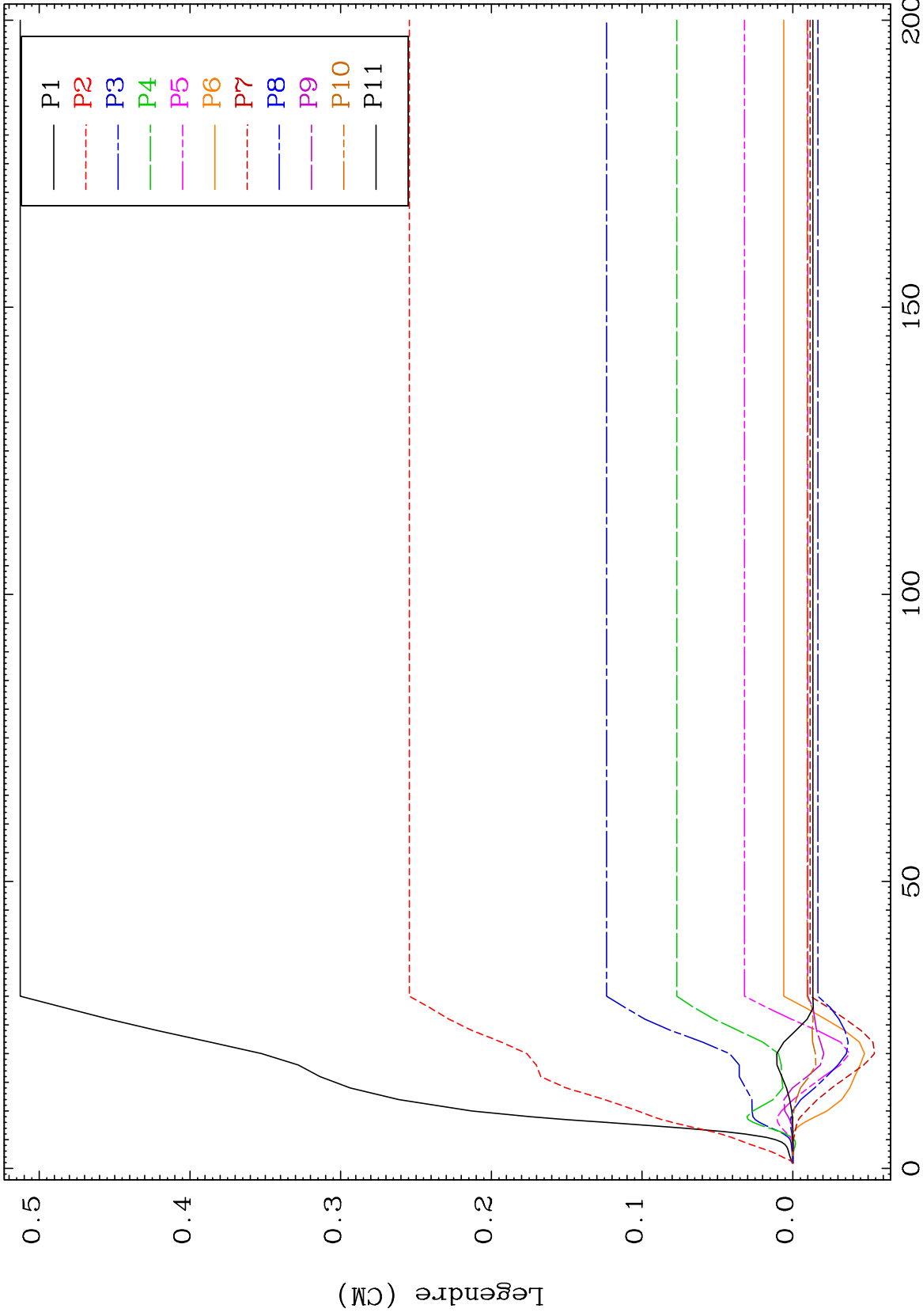
Incident Energy (MeV)

29-Cu-66

MAT 2934

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

29-Cu-66

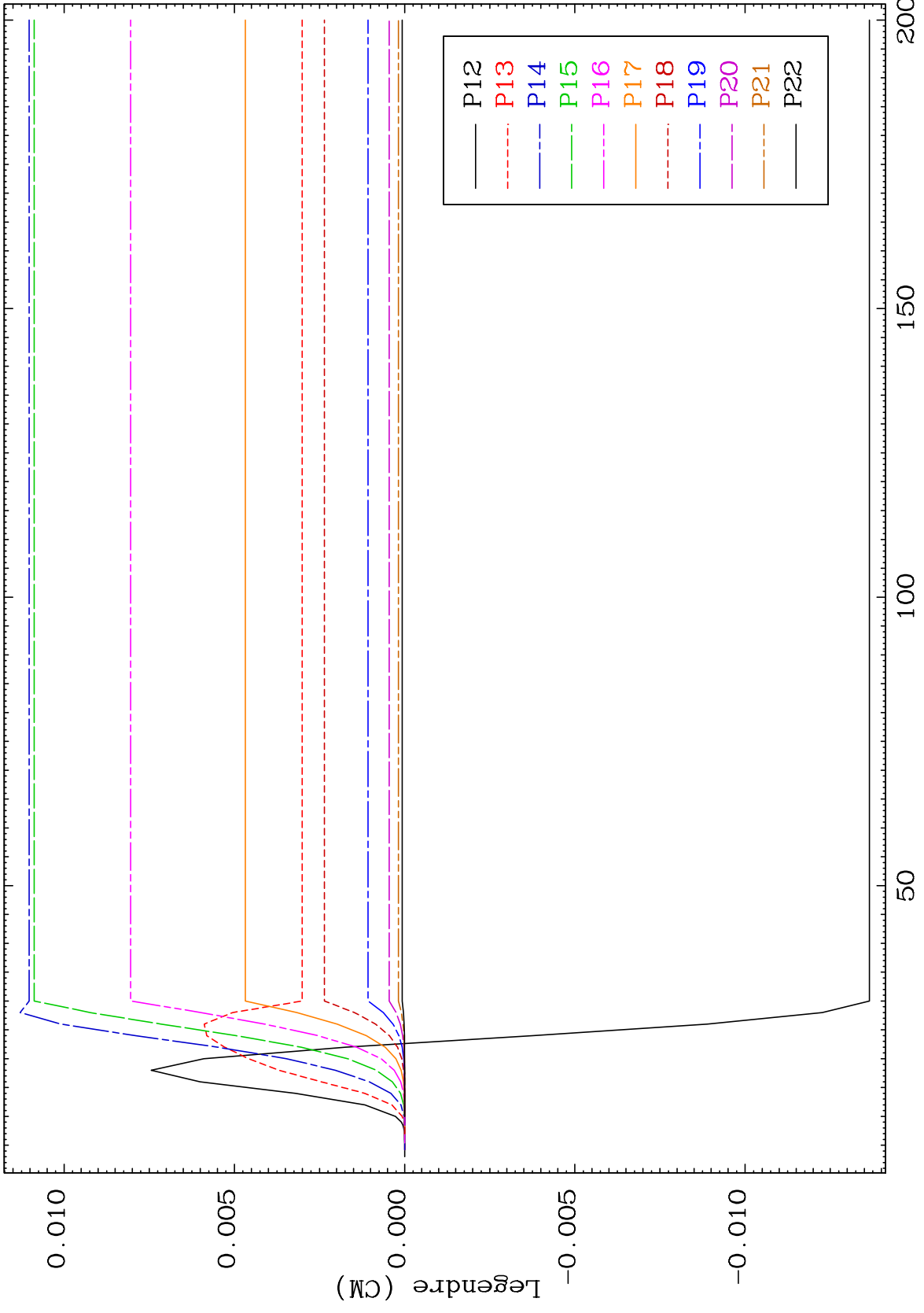


44

Incident Energy (MeV)

29-Cu-66

MAT 2934 MT= 59 (n,n') Level Legendre Coefficients 29-Cu-66

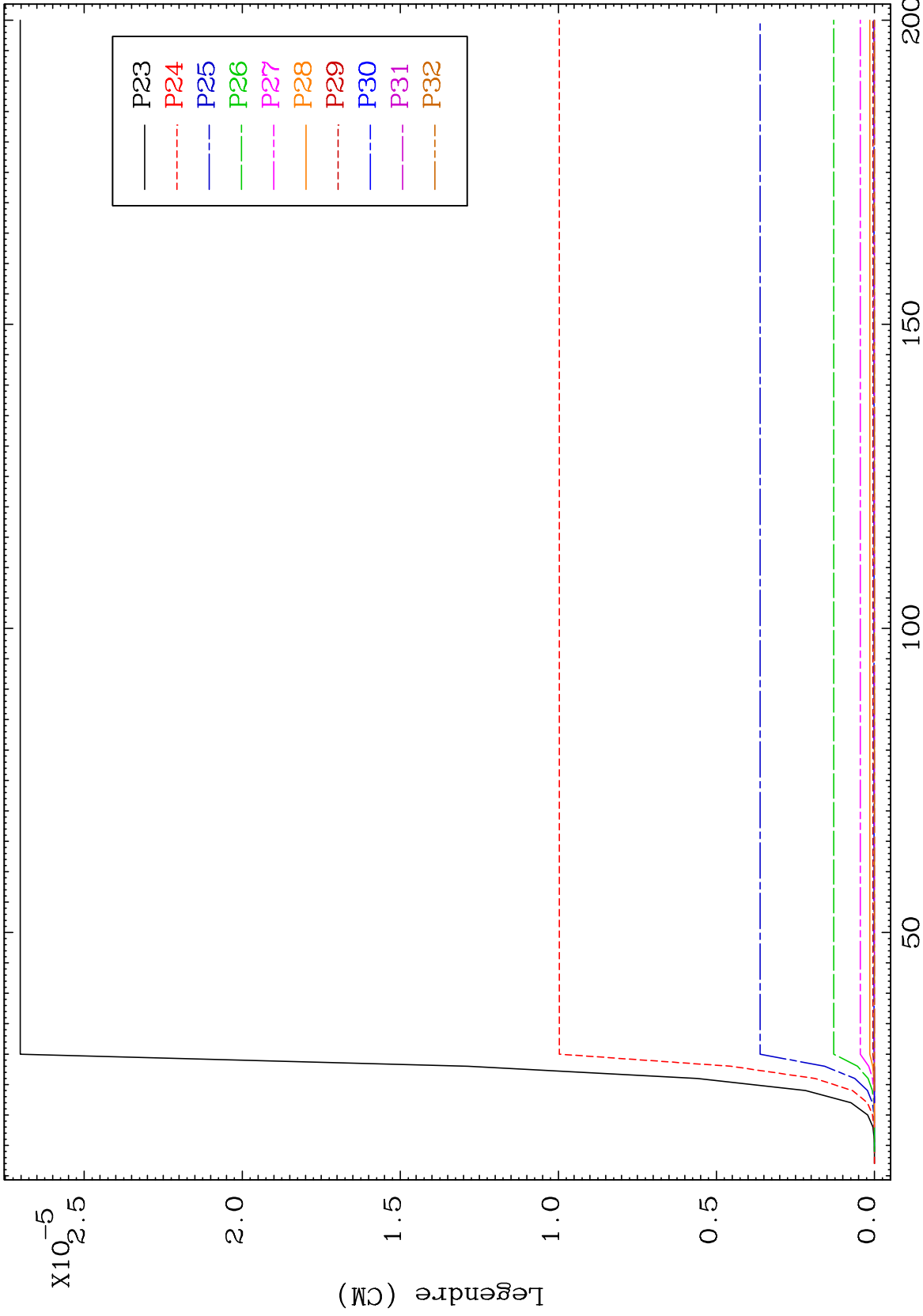


45 Incident Energy (MeV) 29-Cu-66

MAT 2934

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

29-Cu-66



46

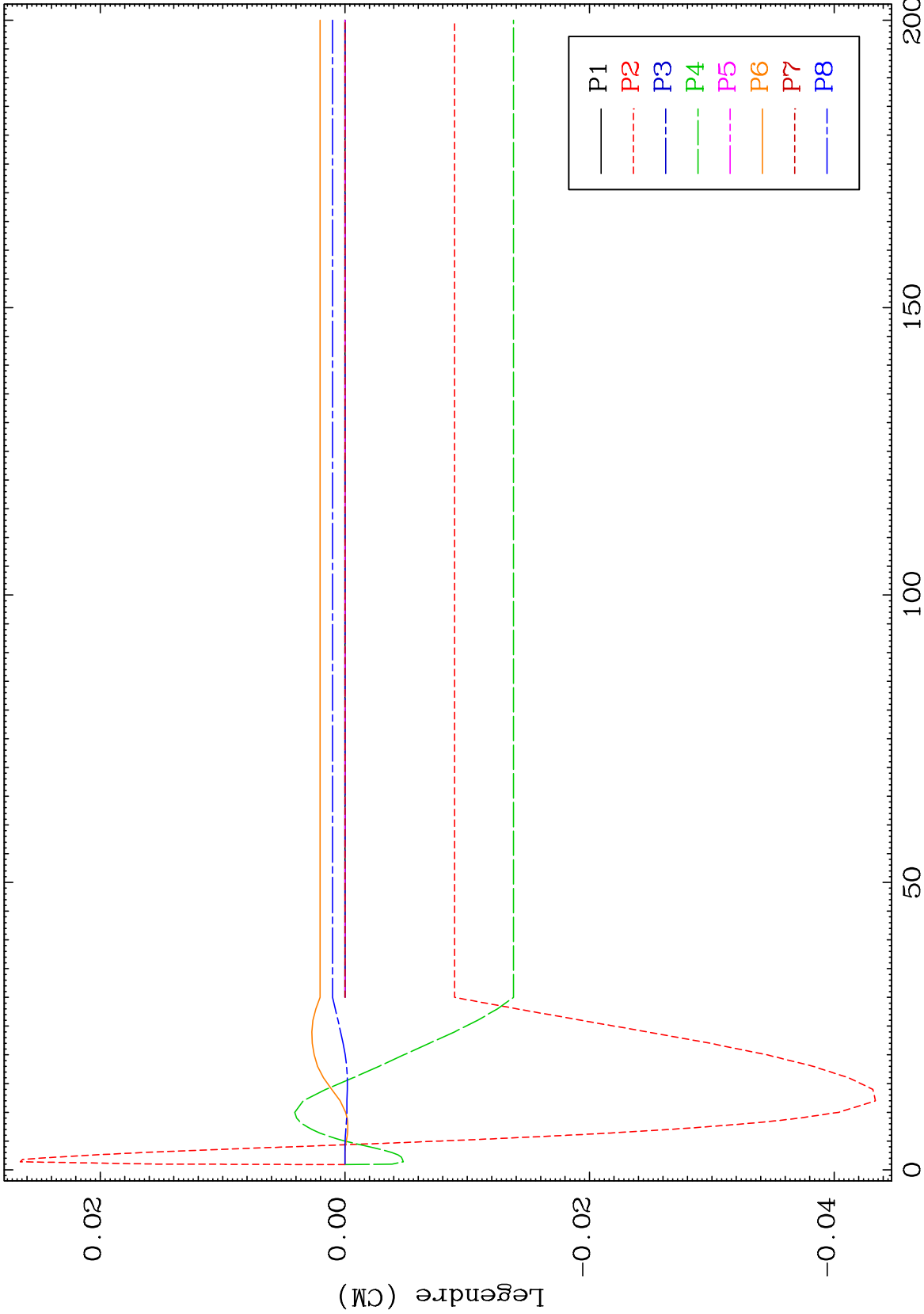
Incident Energy (MeV)

29-Cu-66

MAT 2934

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

29-Cu-66



47

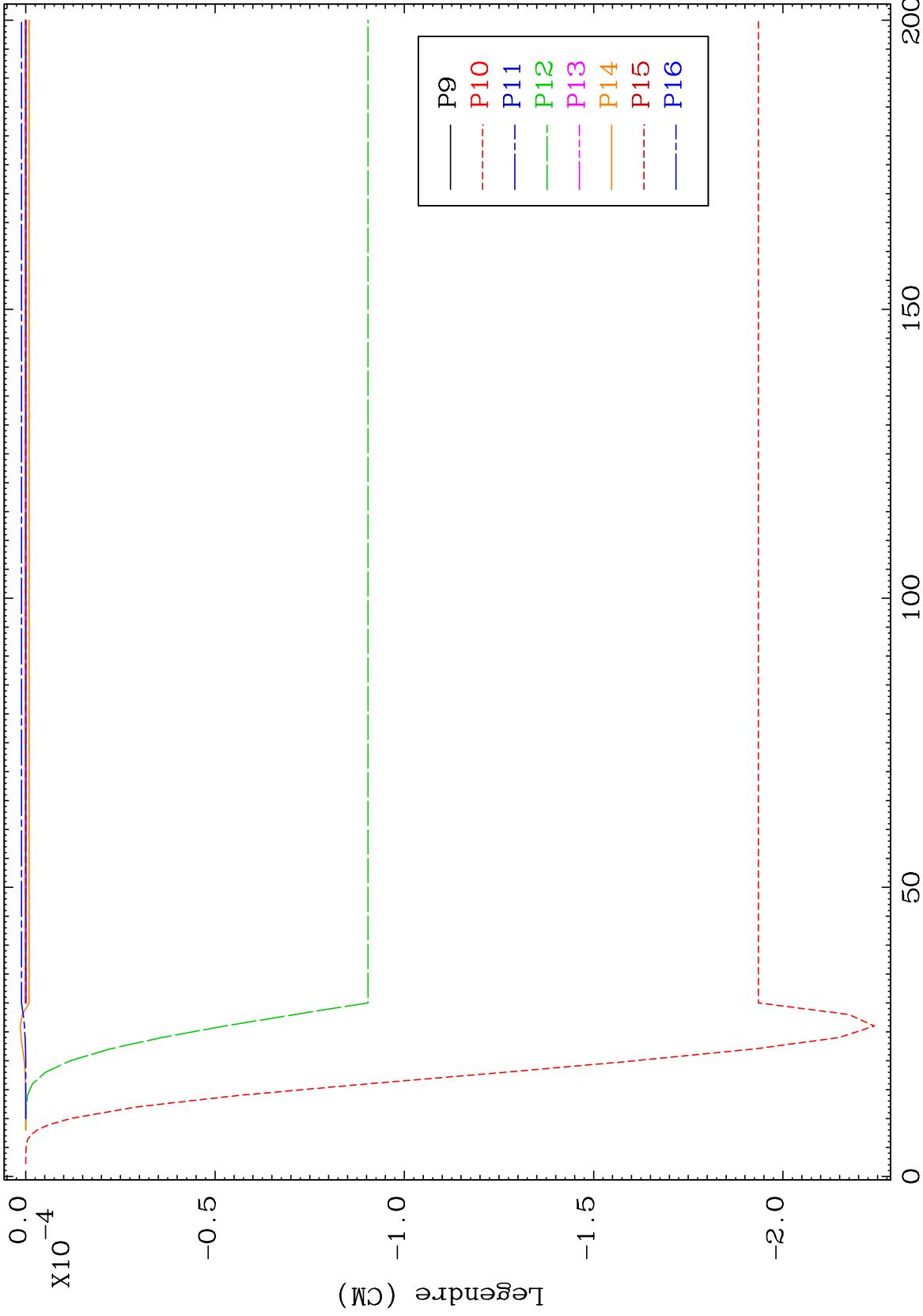
Incident Energy (MeV)

29-Cu-66

MAT 2934

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

29-Cu-66

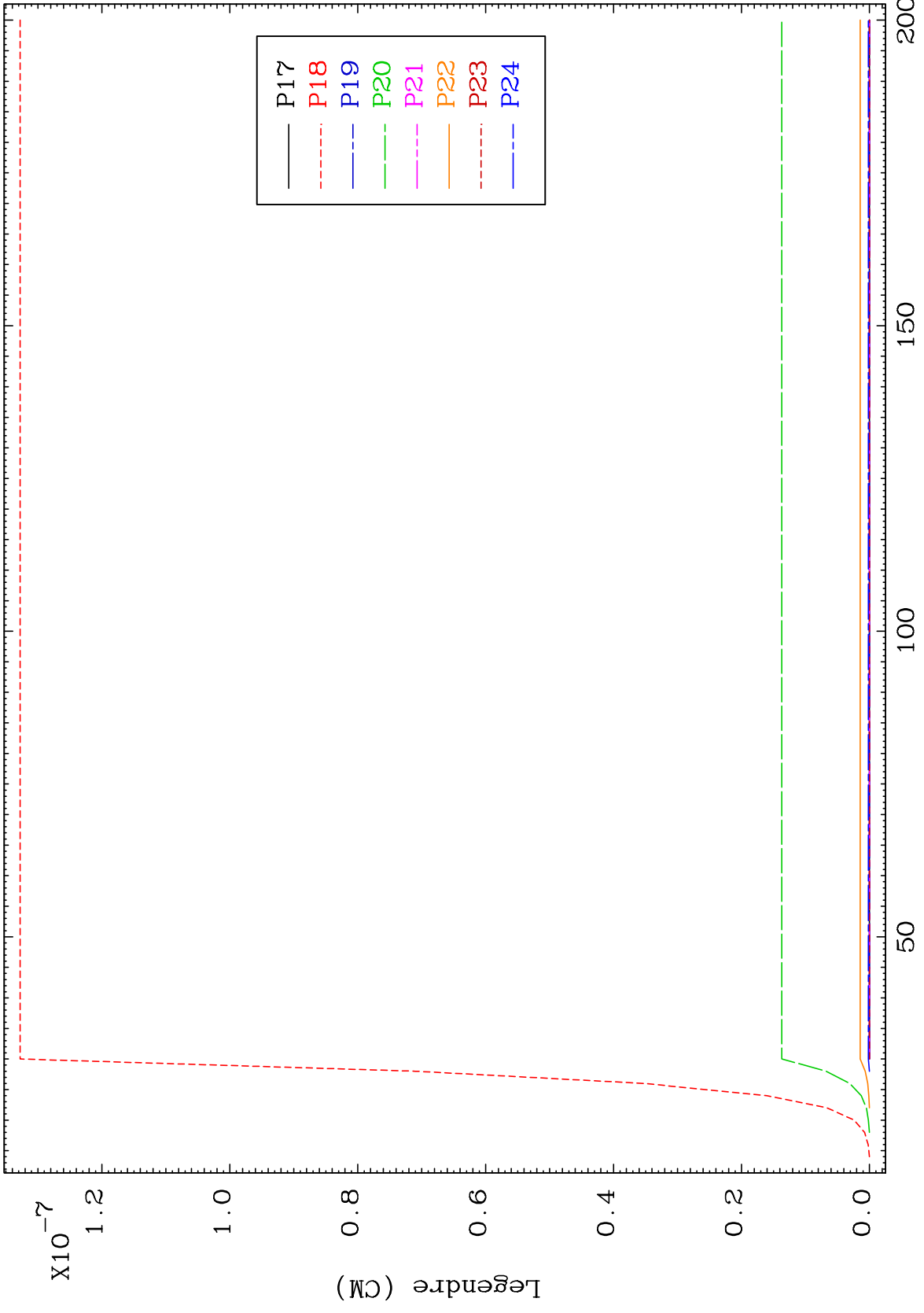


29-Cu-66

Incident Energy (MeV)

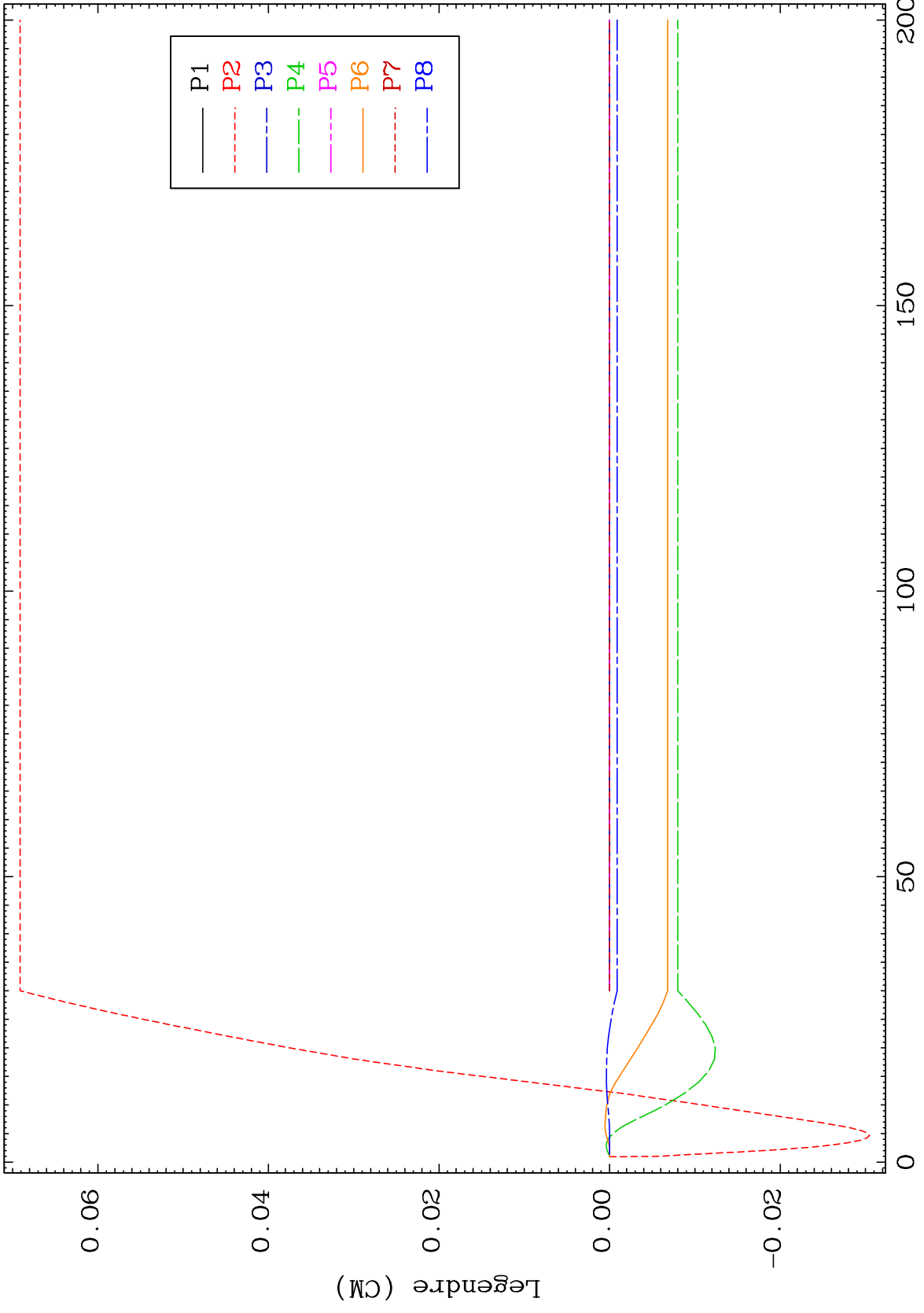
48

MAT 2934 MT= 60 (n,n') Level Legendre Coefficients 29-Cu-66



49 50 100 150 200 29-Cu-66

MAT 2934 MT= 61 (n,n') Level Legendre Coefficients 29-Cu-66

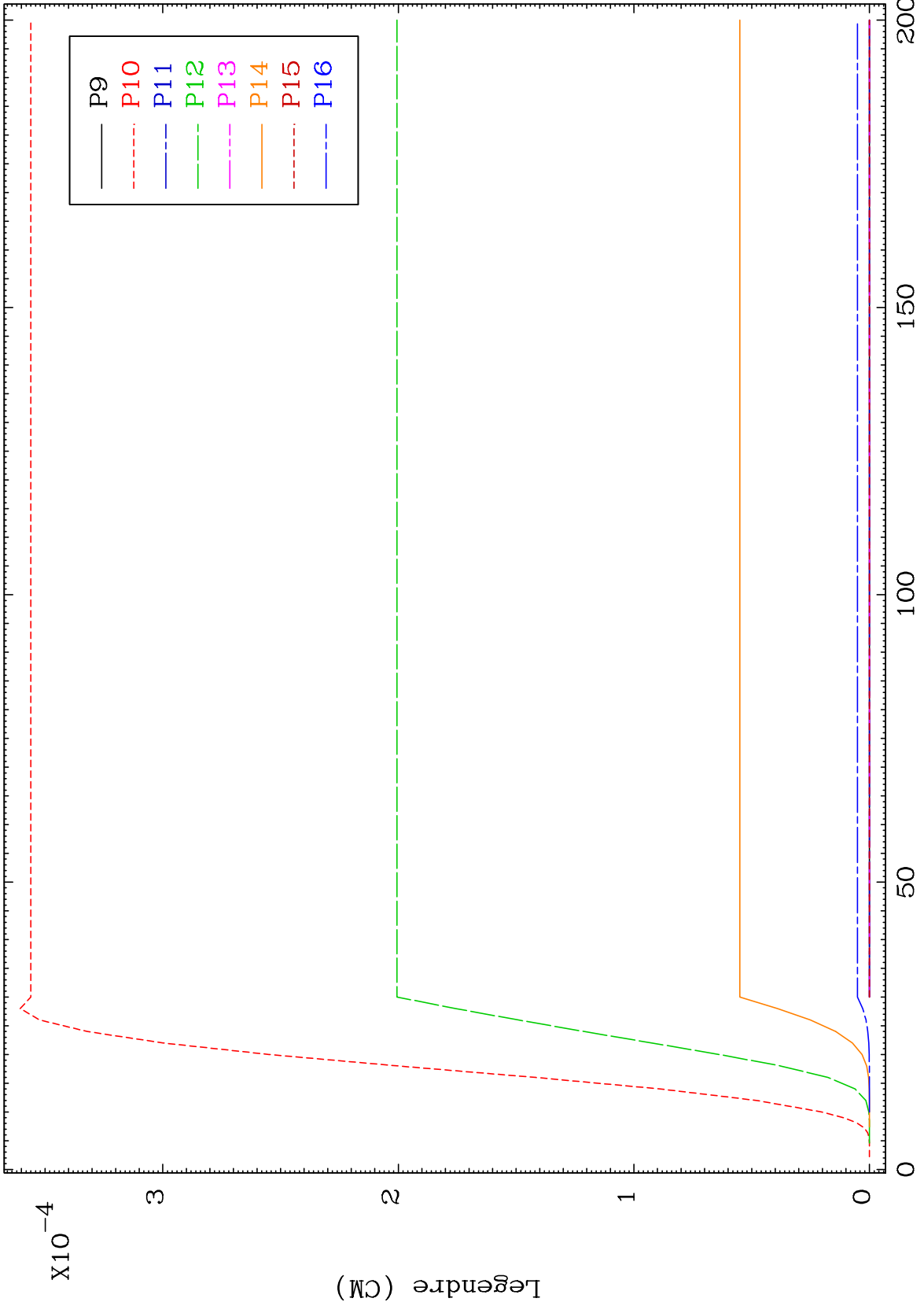


Legendre (CM) Incident Energy (MeV) 29-Cu-66

MAT 2934

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

29-Cu-66

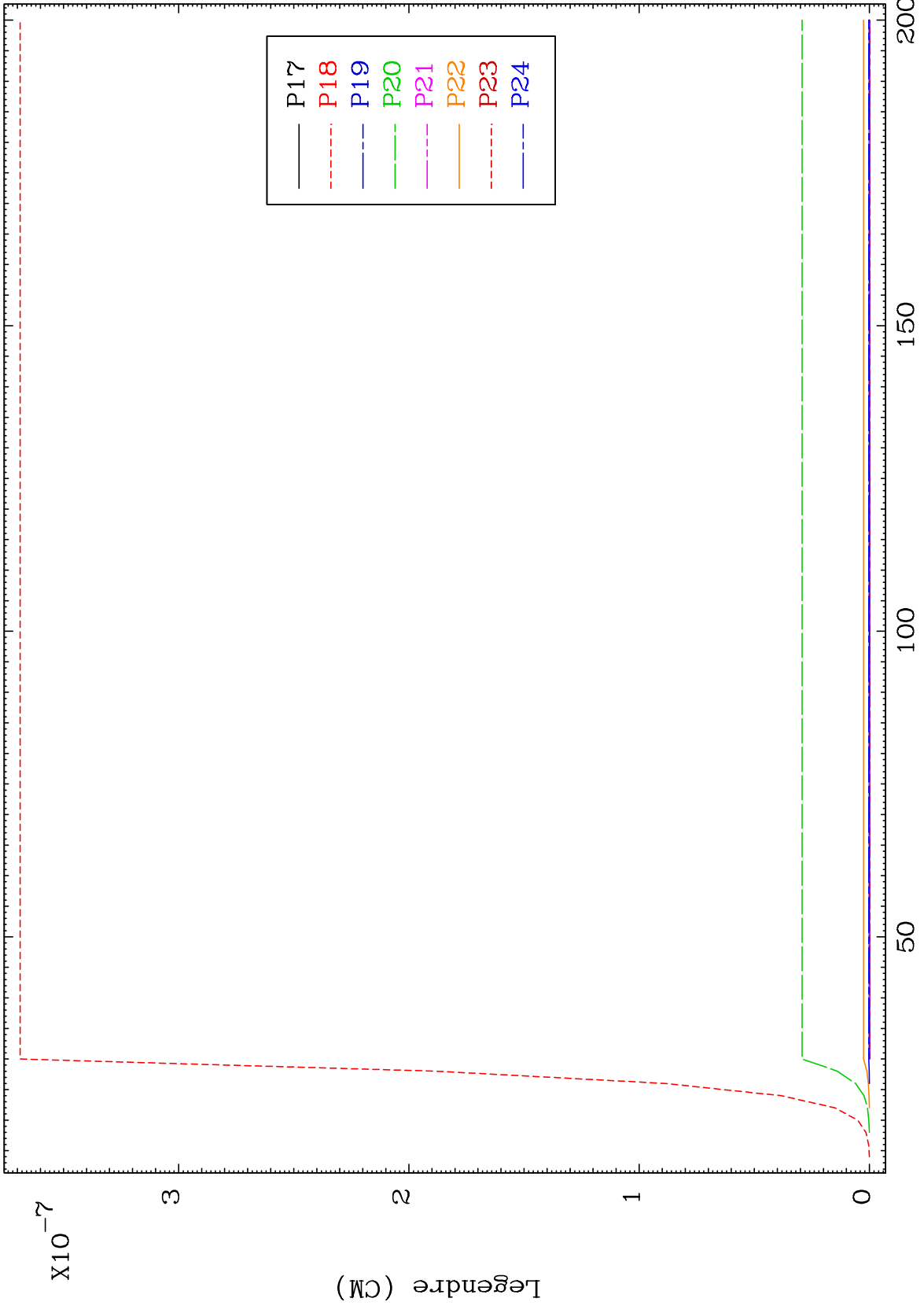


51

Incident Energy (MeV)

29-Cu-66

MAT 2934 MT= 61 (n,n') Level Legendre Coefficients 29-Cu-66

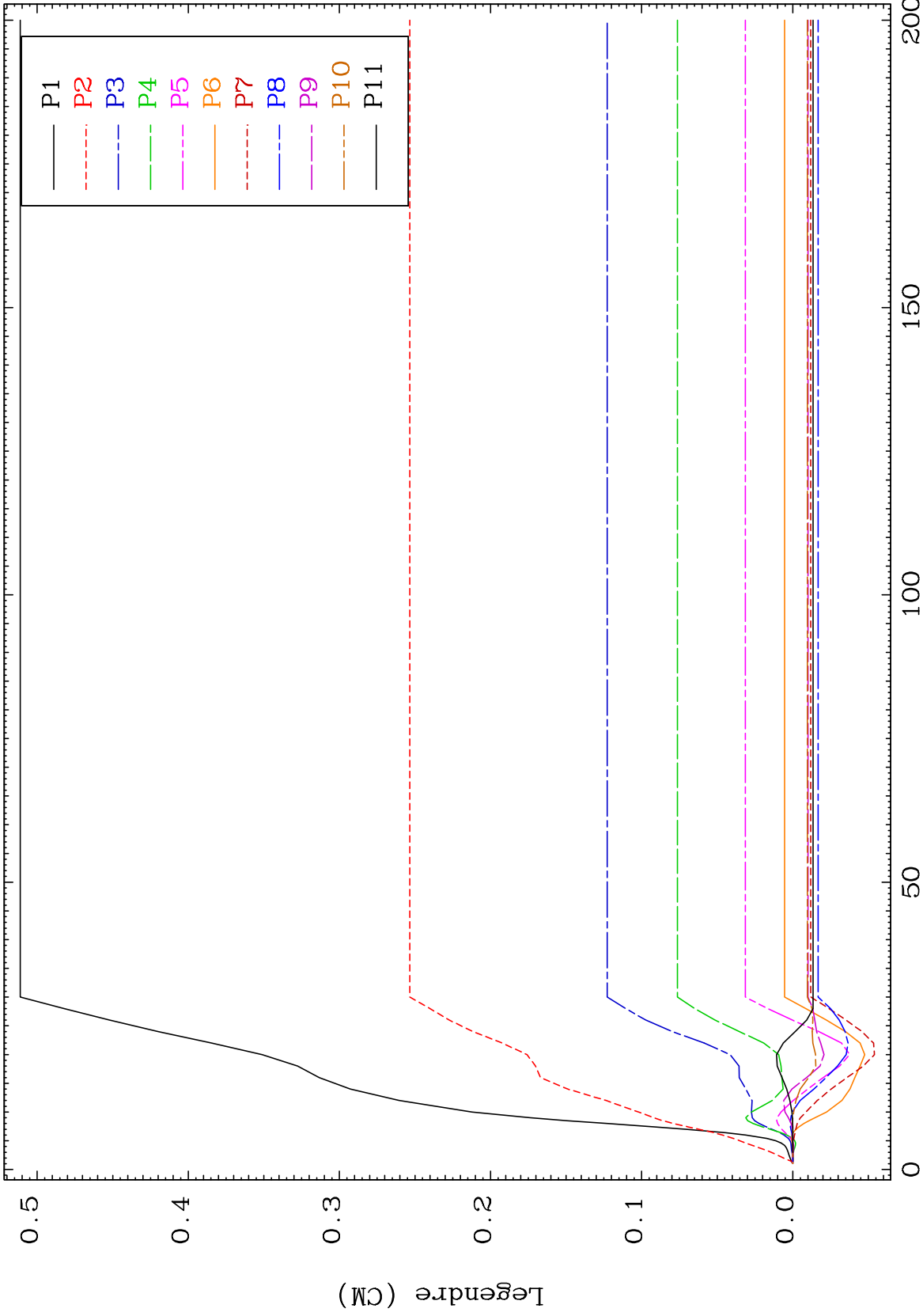


52 Incident Energy (MeV) 200 29-Cu-66

MAT 2934

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

29-Cu-66



53

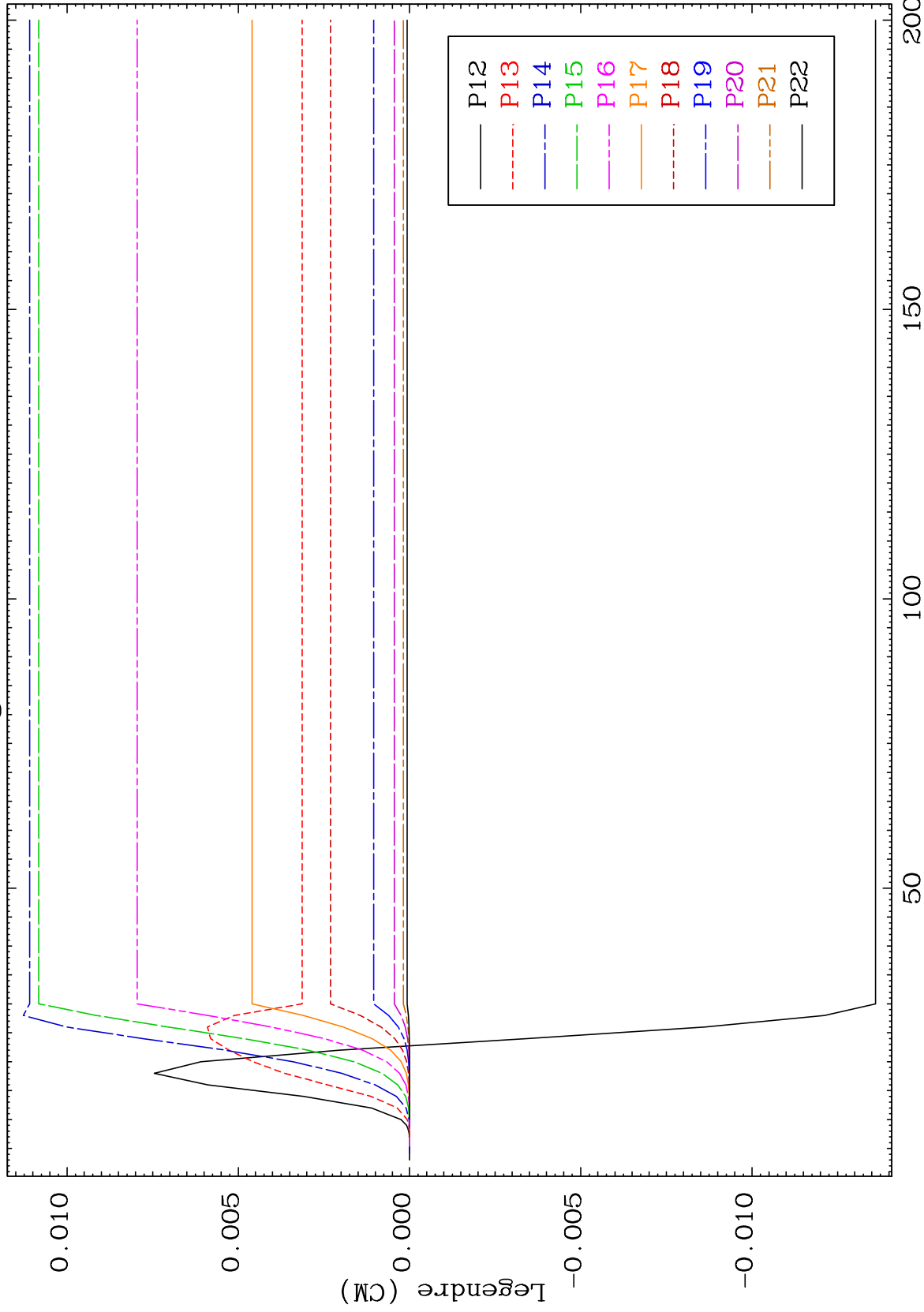
Incident Energy (MeV)

29-Cu-66

MAT 2934

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

29-Cu-66



54

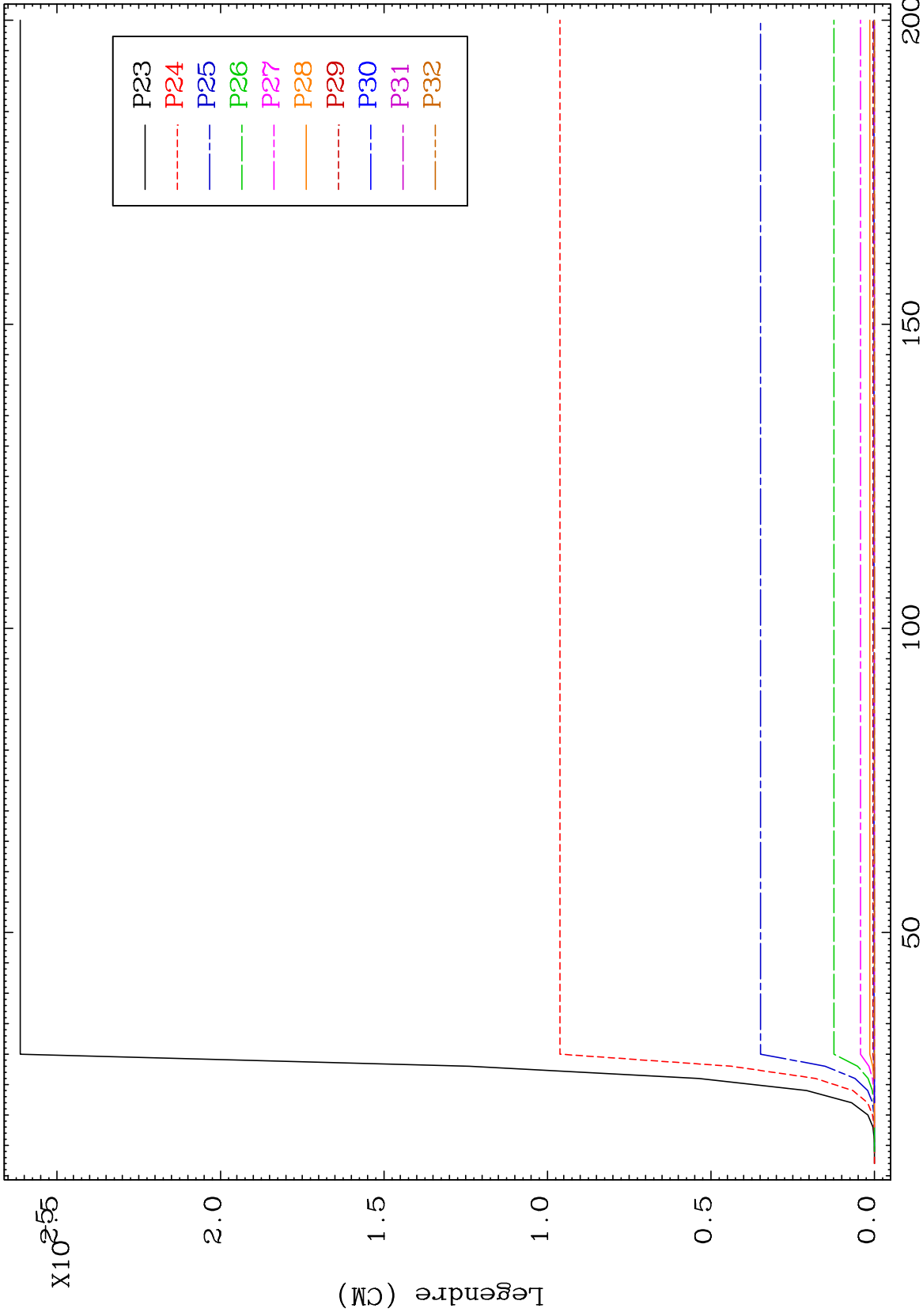
Incident Energy (MeV)

29-Cu-66

MAT 2934

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

29-Cu-66

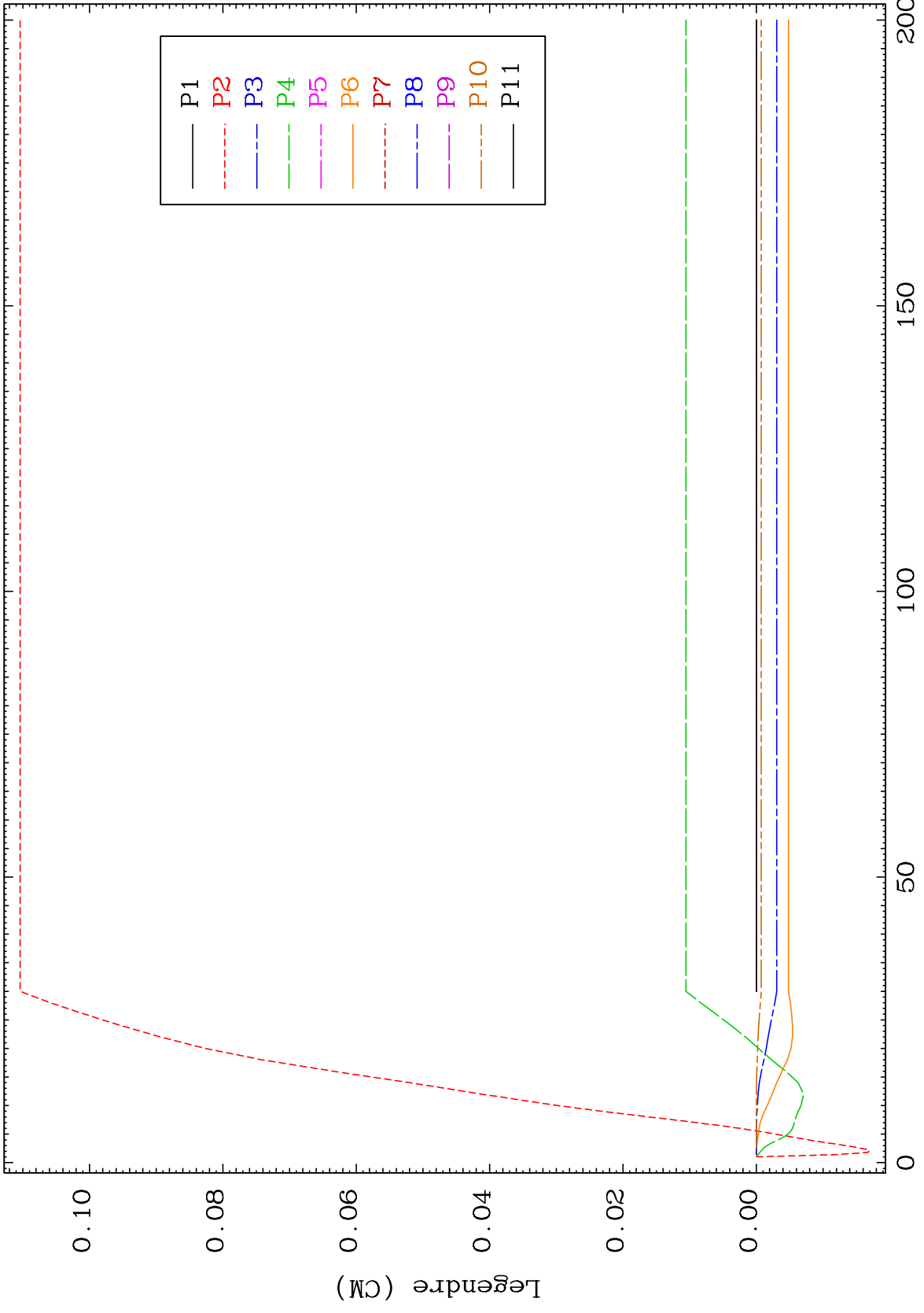


55

Incident Energy (MeV)

29-Cu-66

MAT 2934 MT= 63 (n,n') Level Legendre Coefficients 29-Cu-66

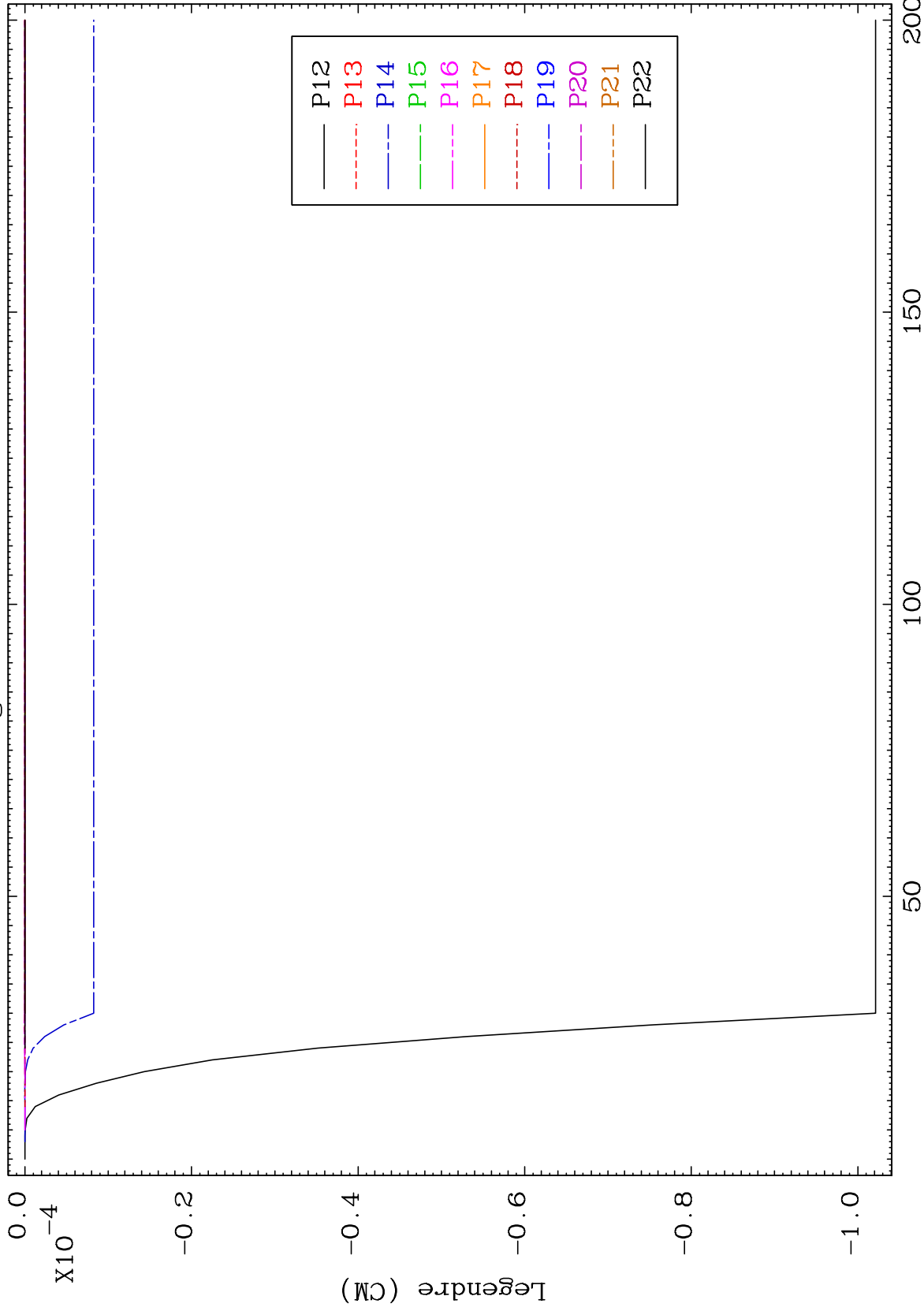


56 Incident Energy (MeV) 29-Cu-66

MAT 2934

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

29-Cu-66

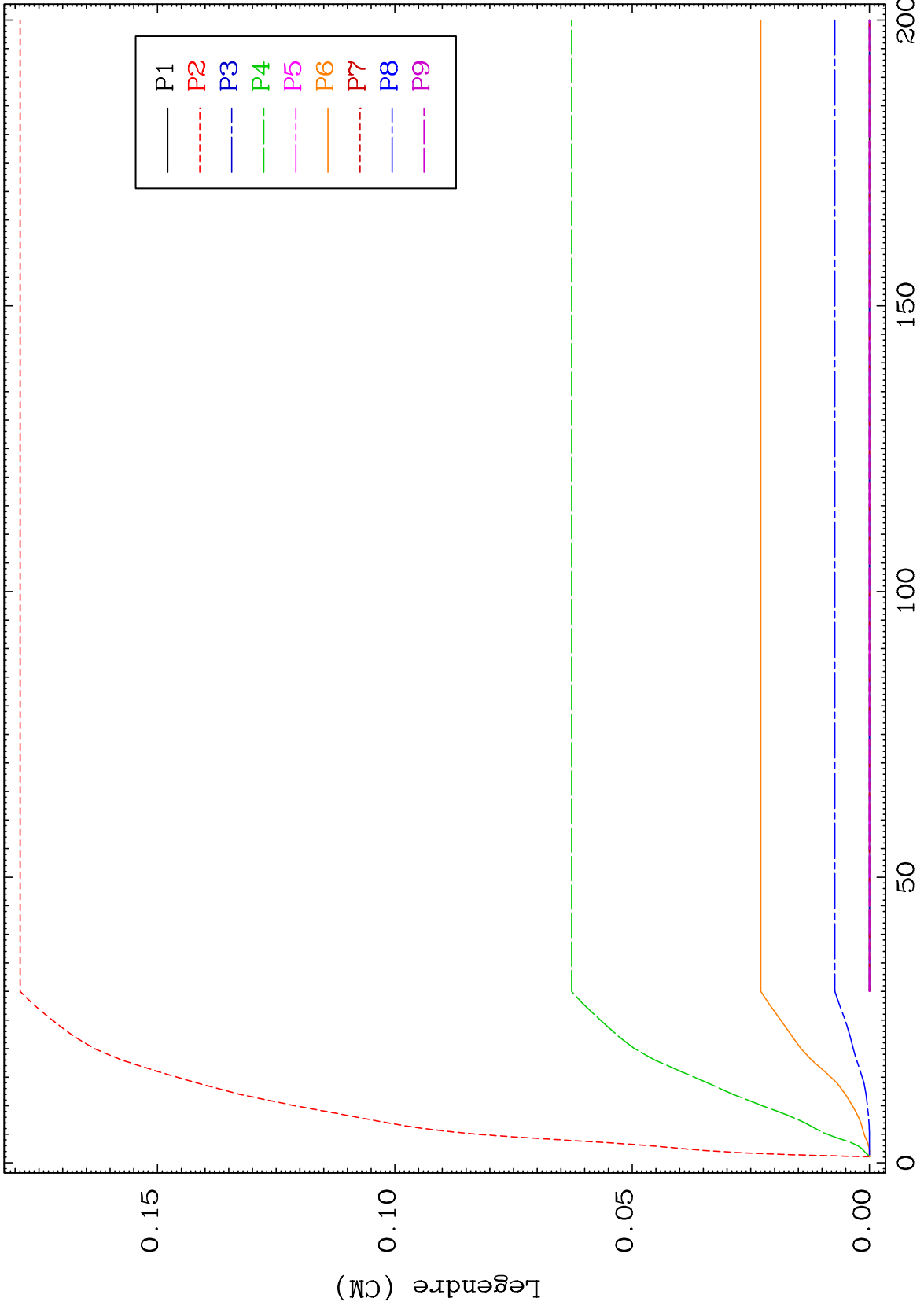


57

Incident Energy (MeV)

29-Cu-66

MAT 2934 MT= 64 (n,n') Level Legendre Coefficients 29-Cu-66

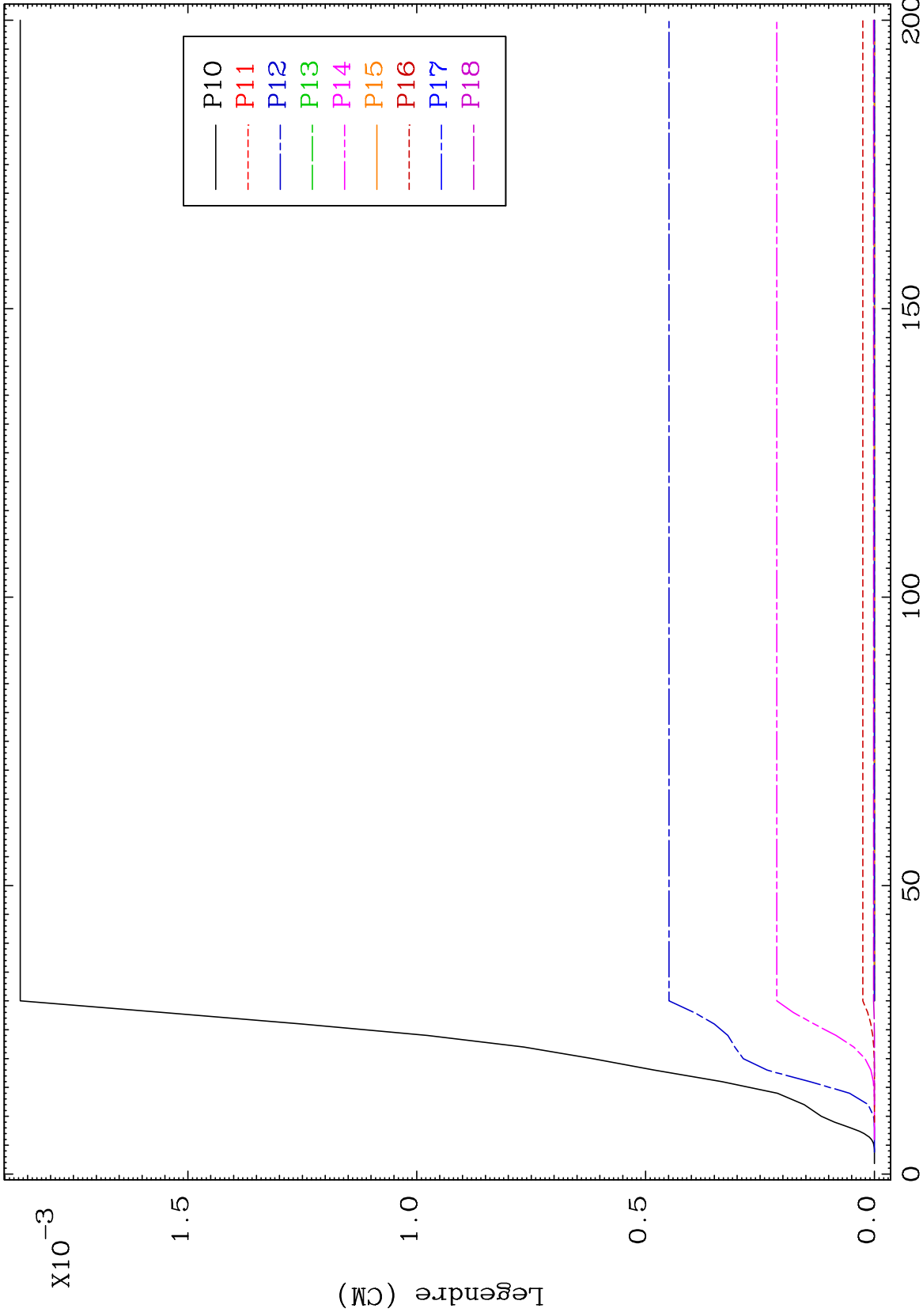


58 Incident Energy (MeV) 29-Cu-66

MAT 2934

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

29-Cu-66

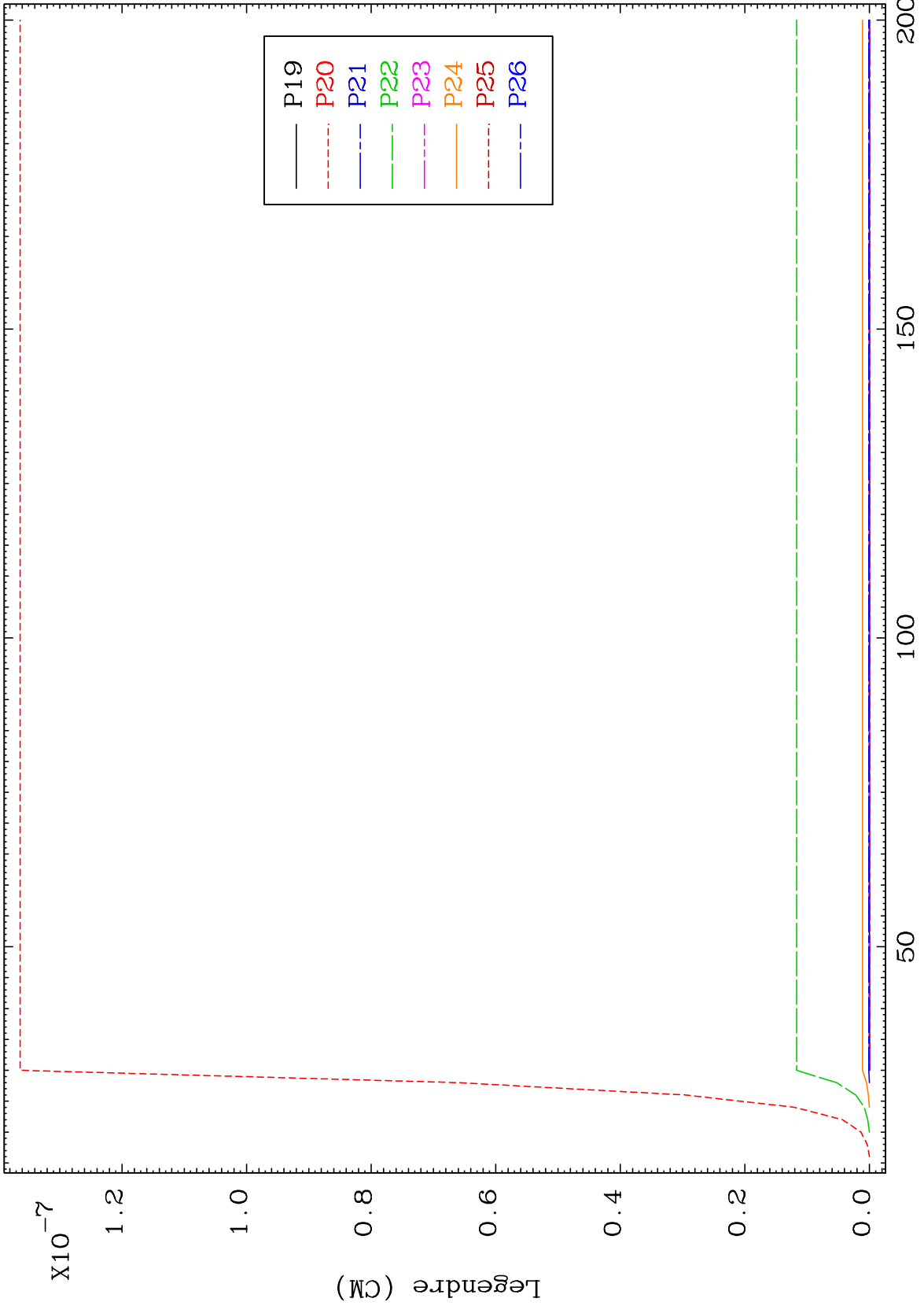


59

Incident Energy (MeV)

29-Cu-66

MAT 2934 MT= 64 (n,n') Level Legendre Coefficients 29-Cu-66

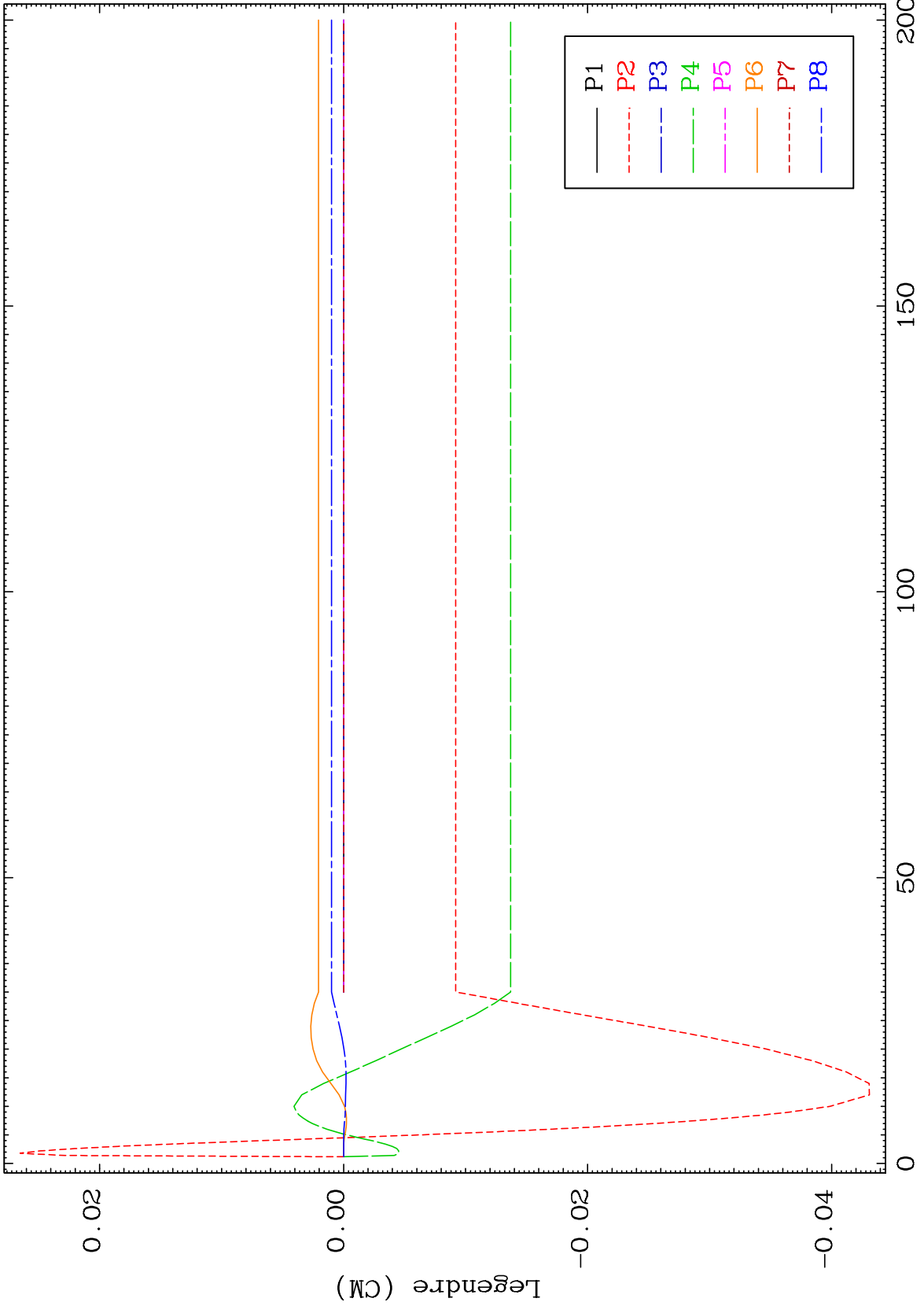


Incident Energy (MeV) 29-Cu-66

MAT 2934

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

29-Cu-66



61

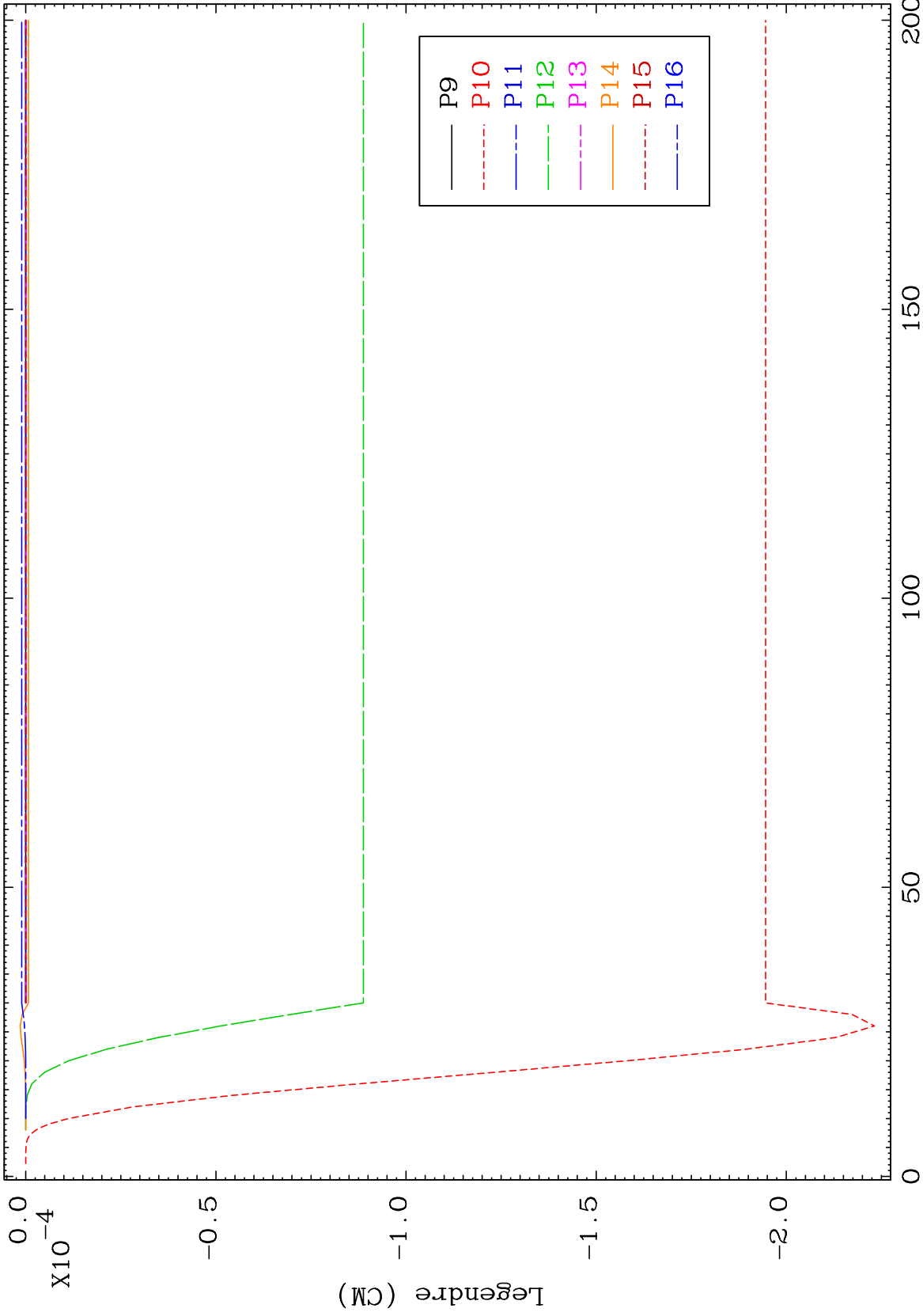
Incident Energy (MeV)

29-Cu-66

MAT 2934

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

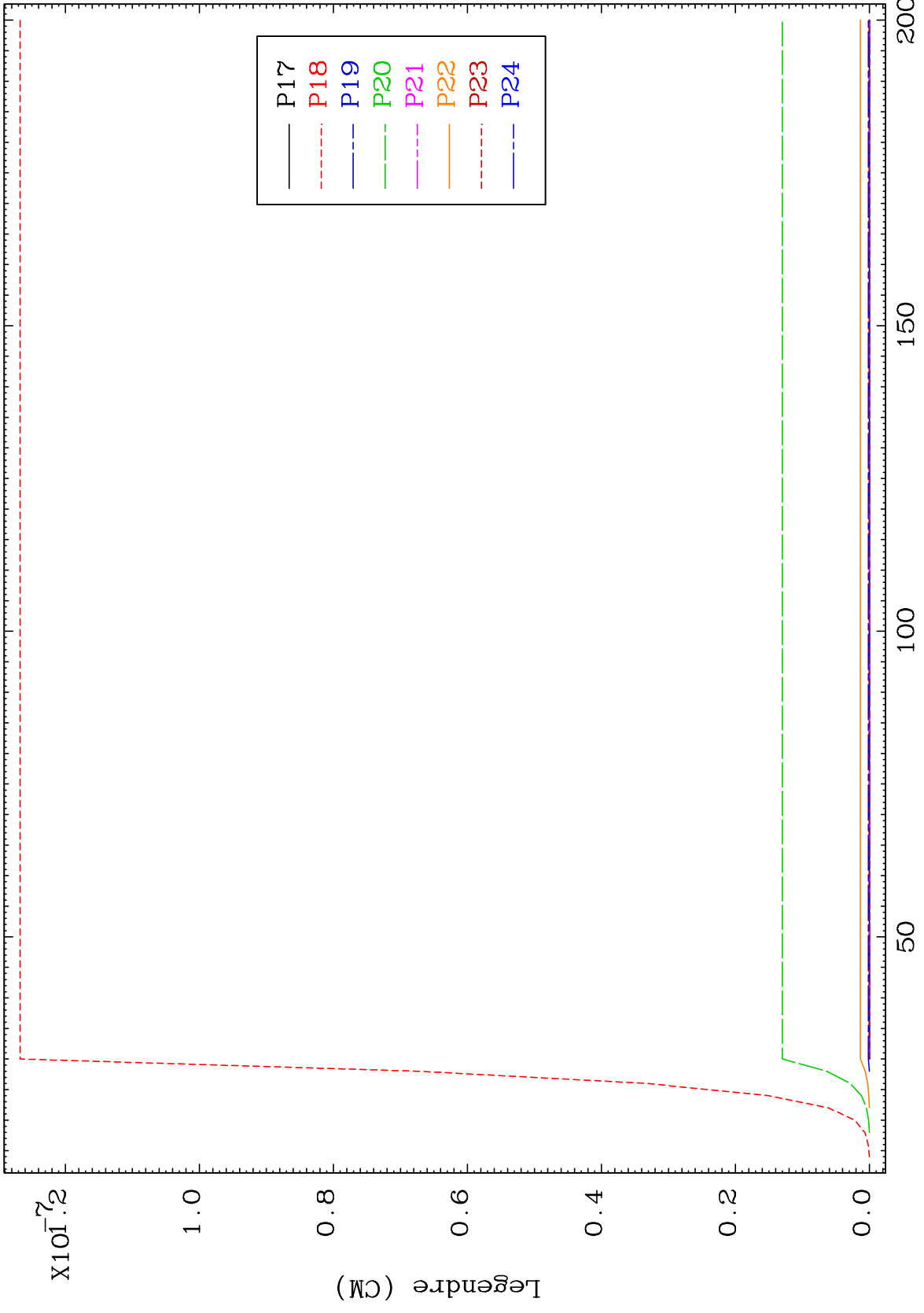
29-Cu-66



62

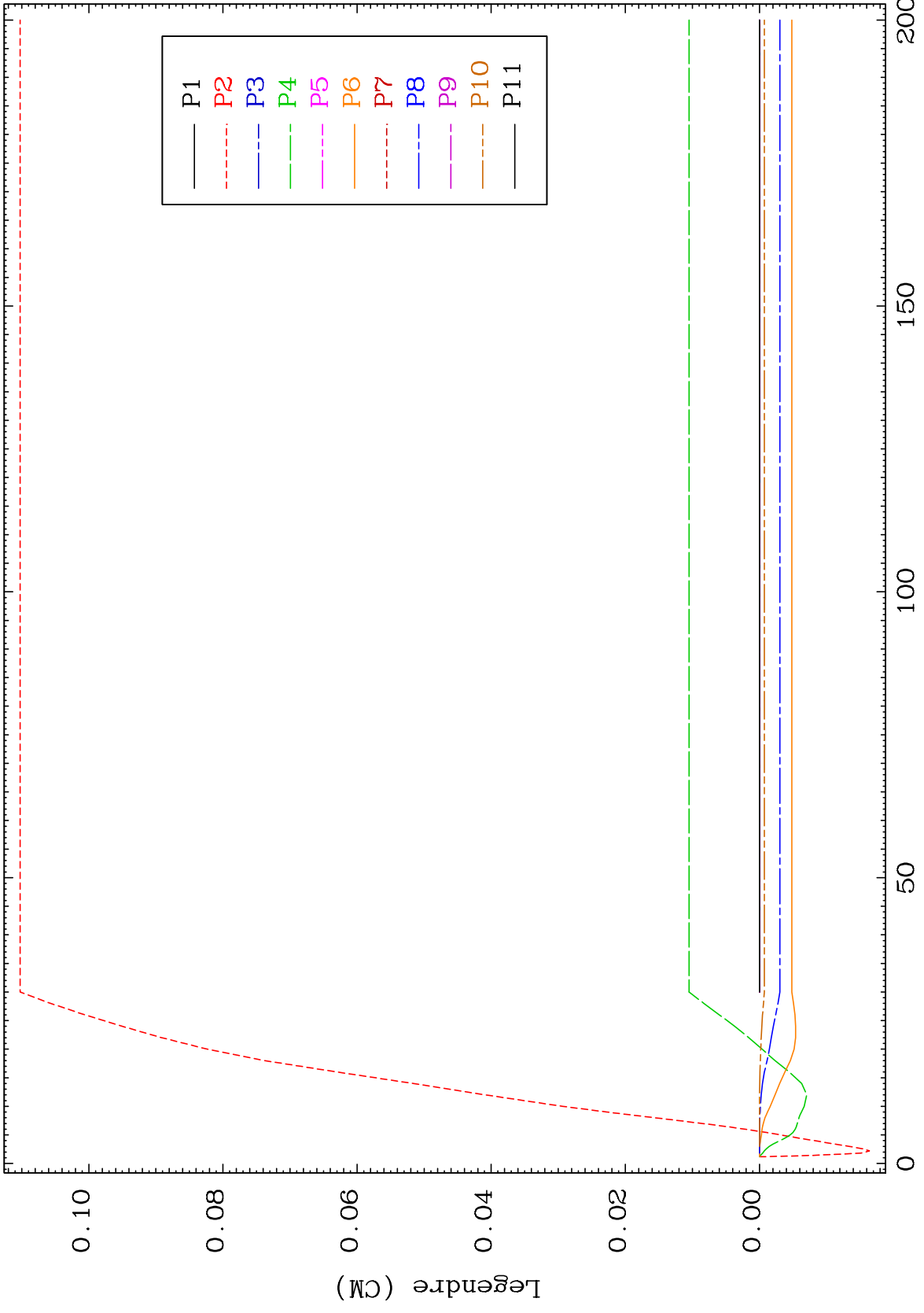
29-Cu-66

MAT 2934 MT= 65 (n,n') Level Legendre Coefficients 29-Cu-66



63 29-Cu-66

MAT 2934 MT= 66 (n,n') Level Legendre Coefficients 29-Cu-66

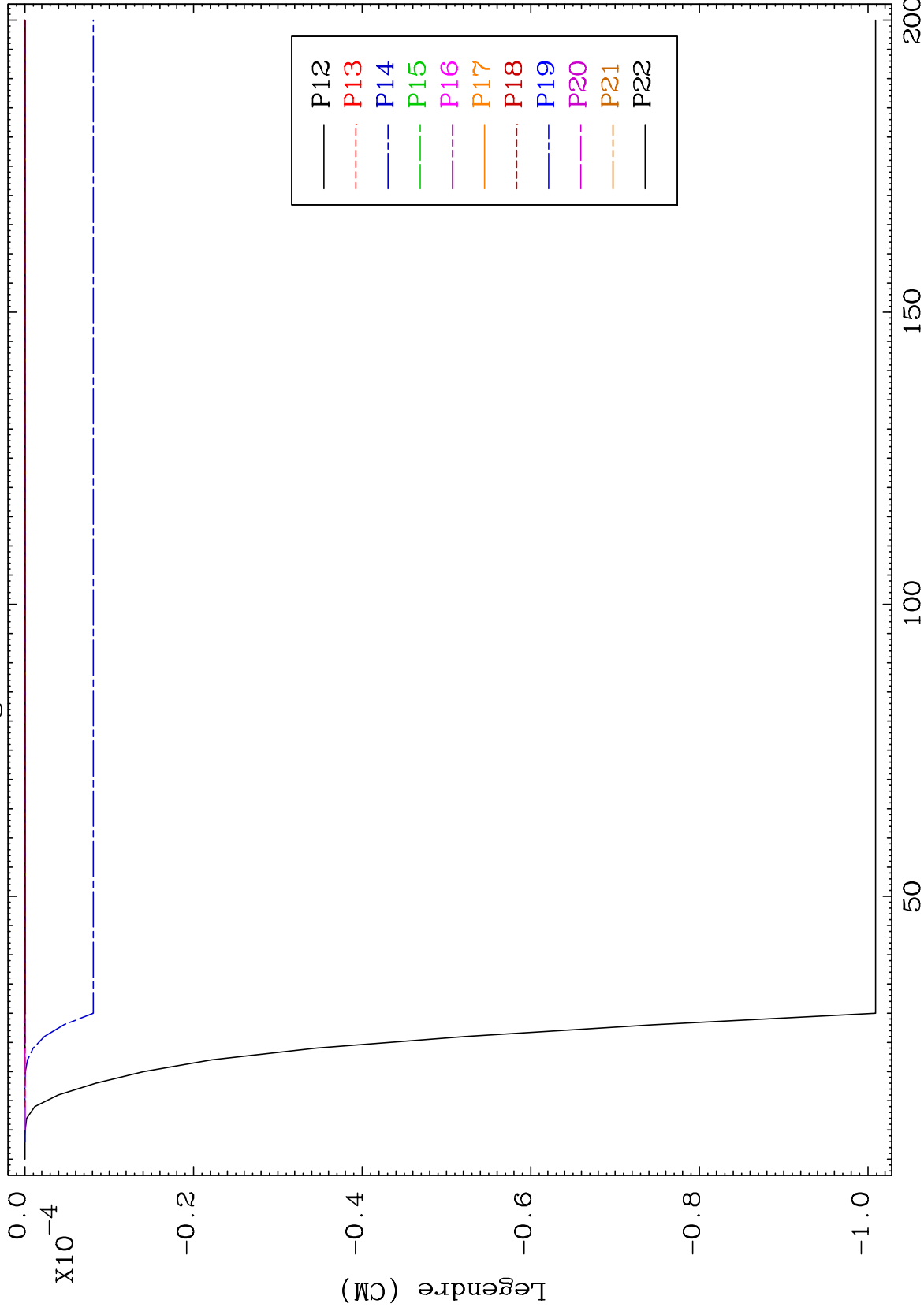


64 29-Cu-66

MAT 2934

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

29-Cu-66

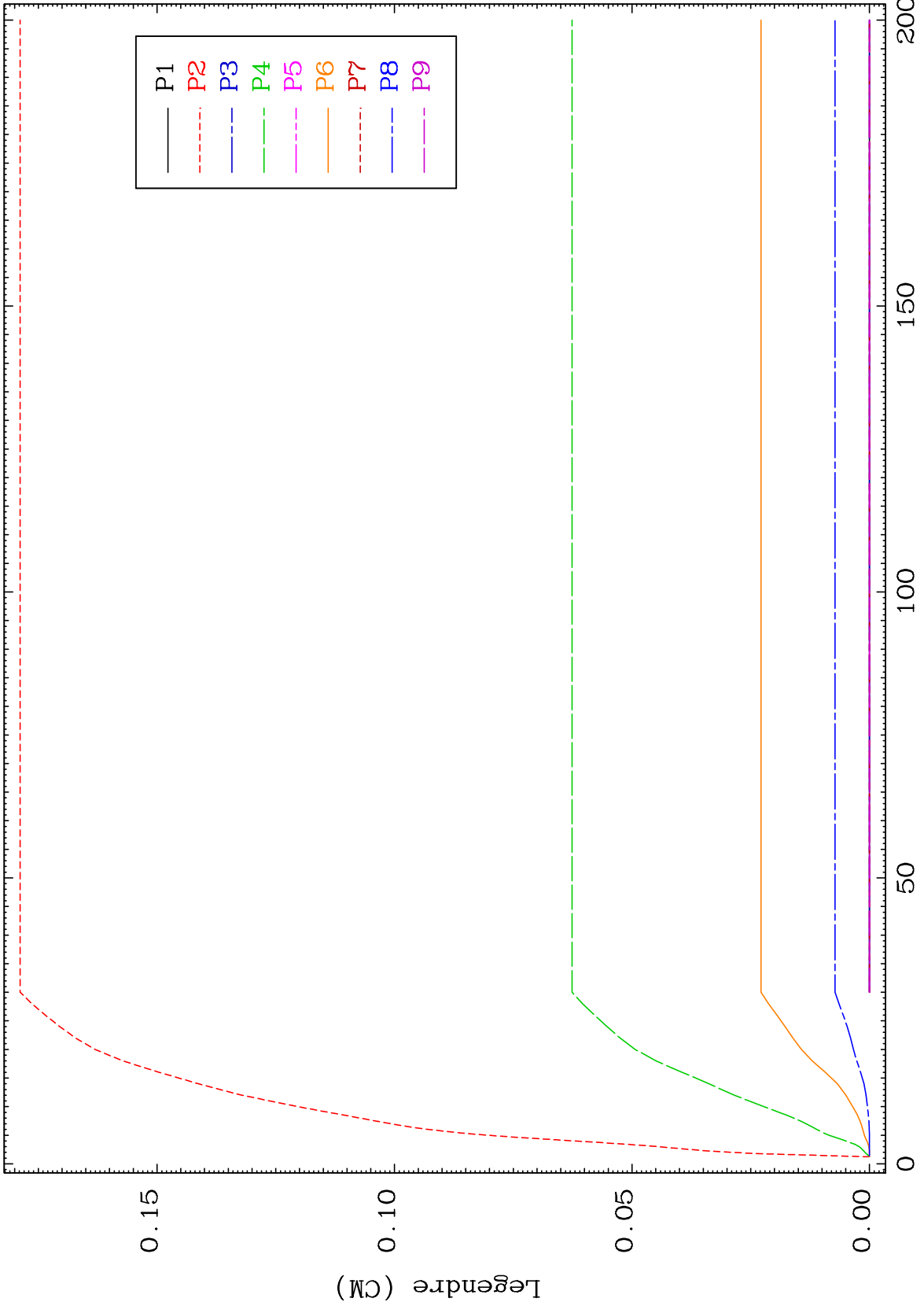


65

Incident Energy (MeV)

29-Cu-66

MAT 2934 MT= 67 (n,n') Level Legendre Coefficients 29-Cu-66

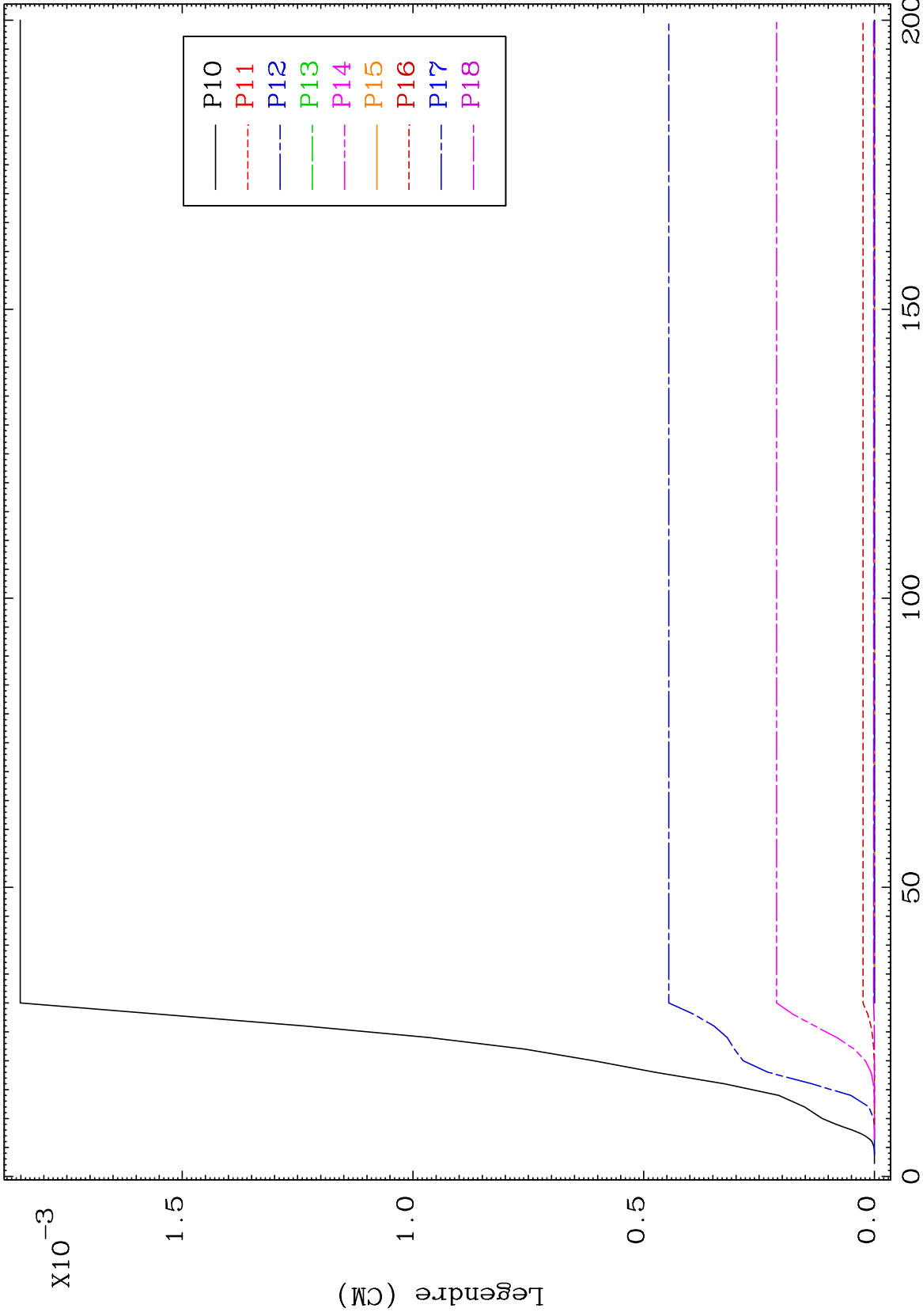


66 Incident Energy (MeV) 29-Cu-66

MAT 2934

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

29-Cu-66

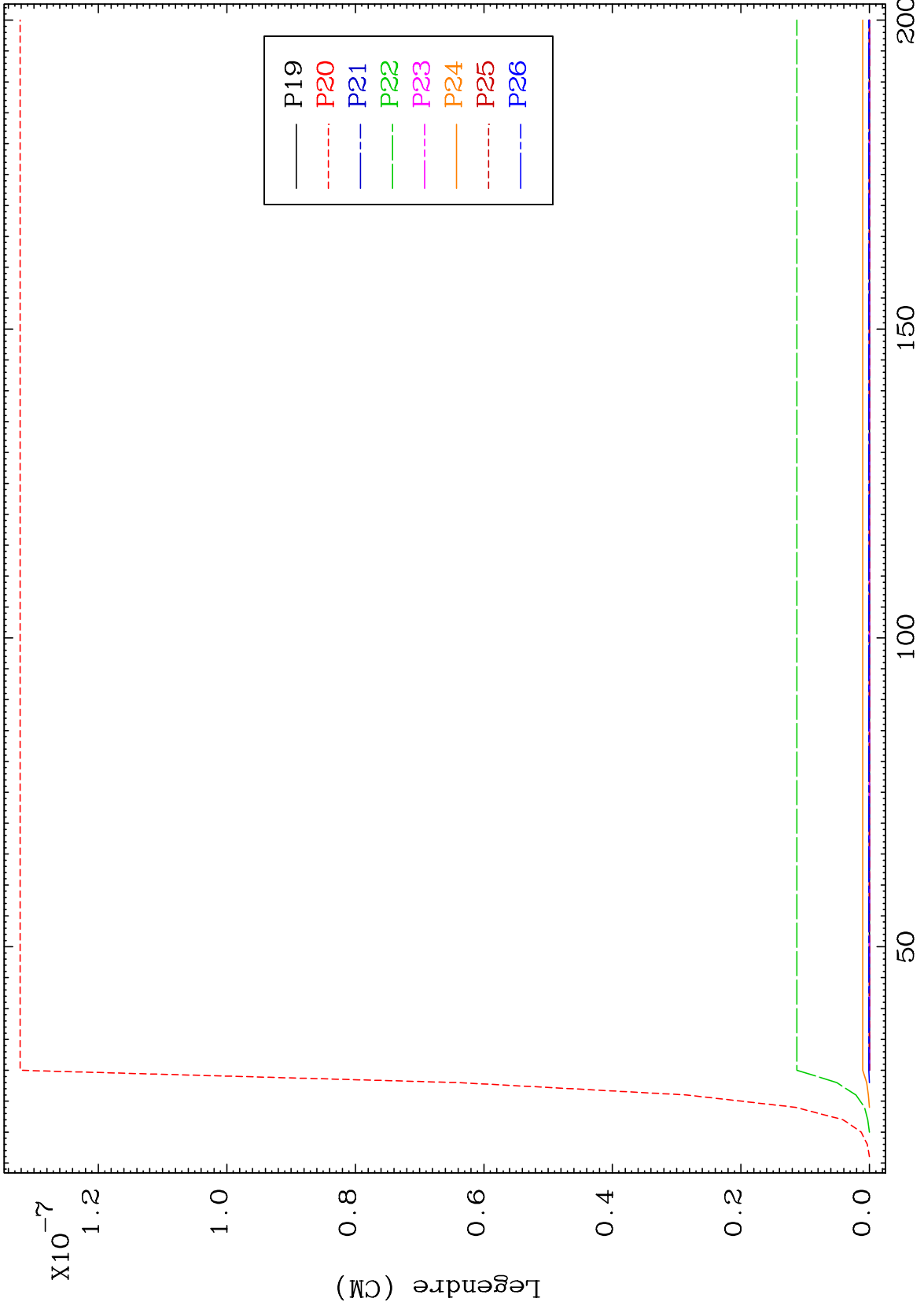


67

Incident Energy (MeV)

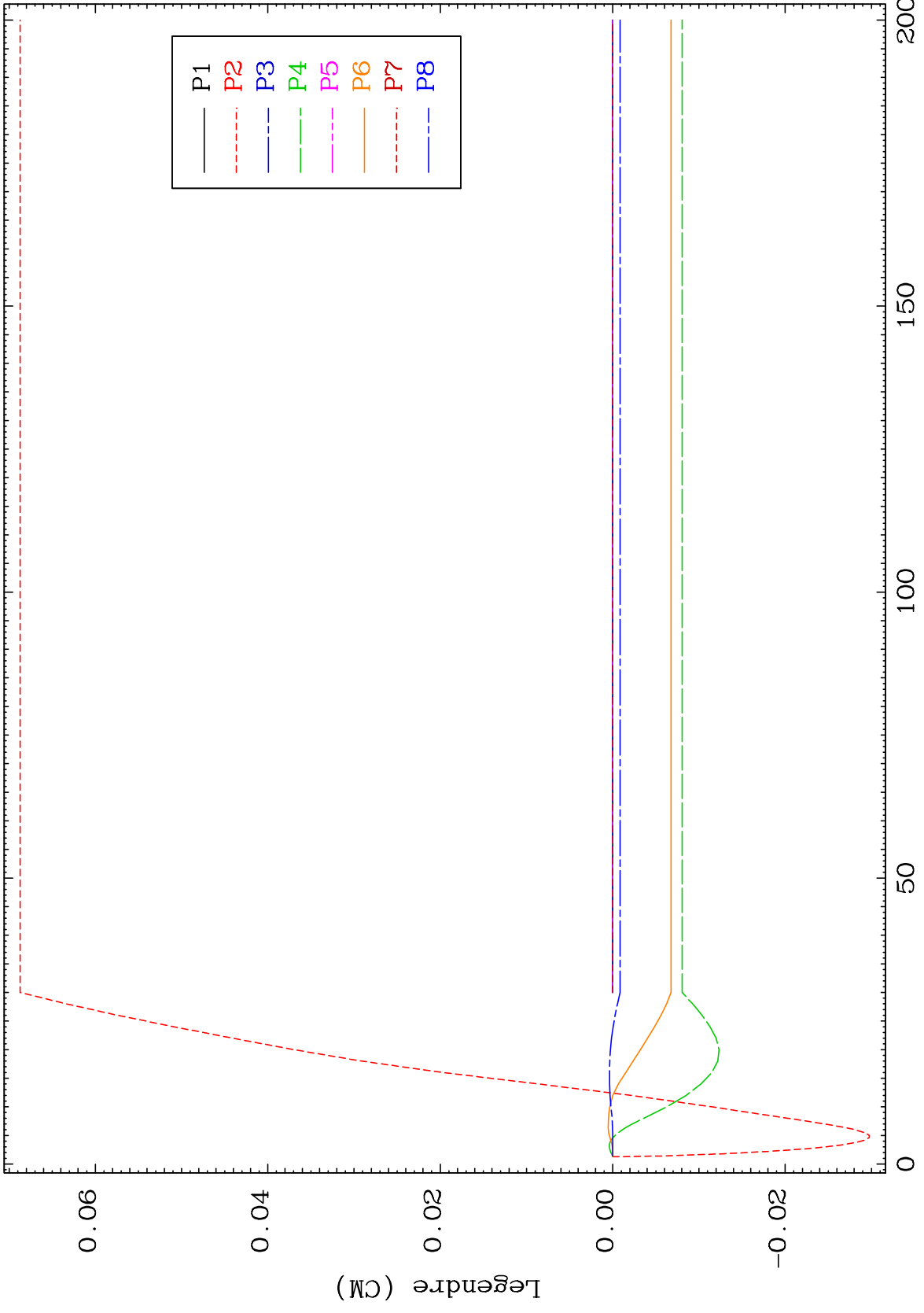
29-Cu-66

MAT 2934 MT= 67 (n,n') Level Legendre Coefficients 29-Cu-66



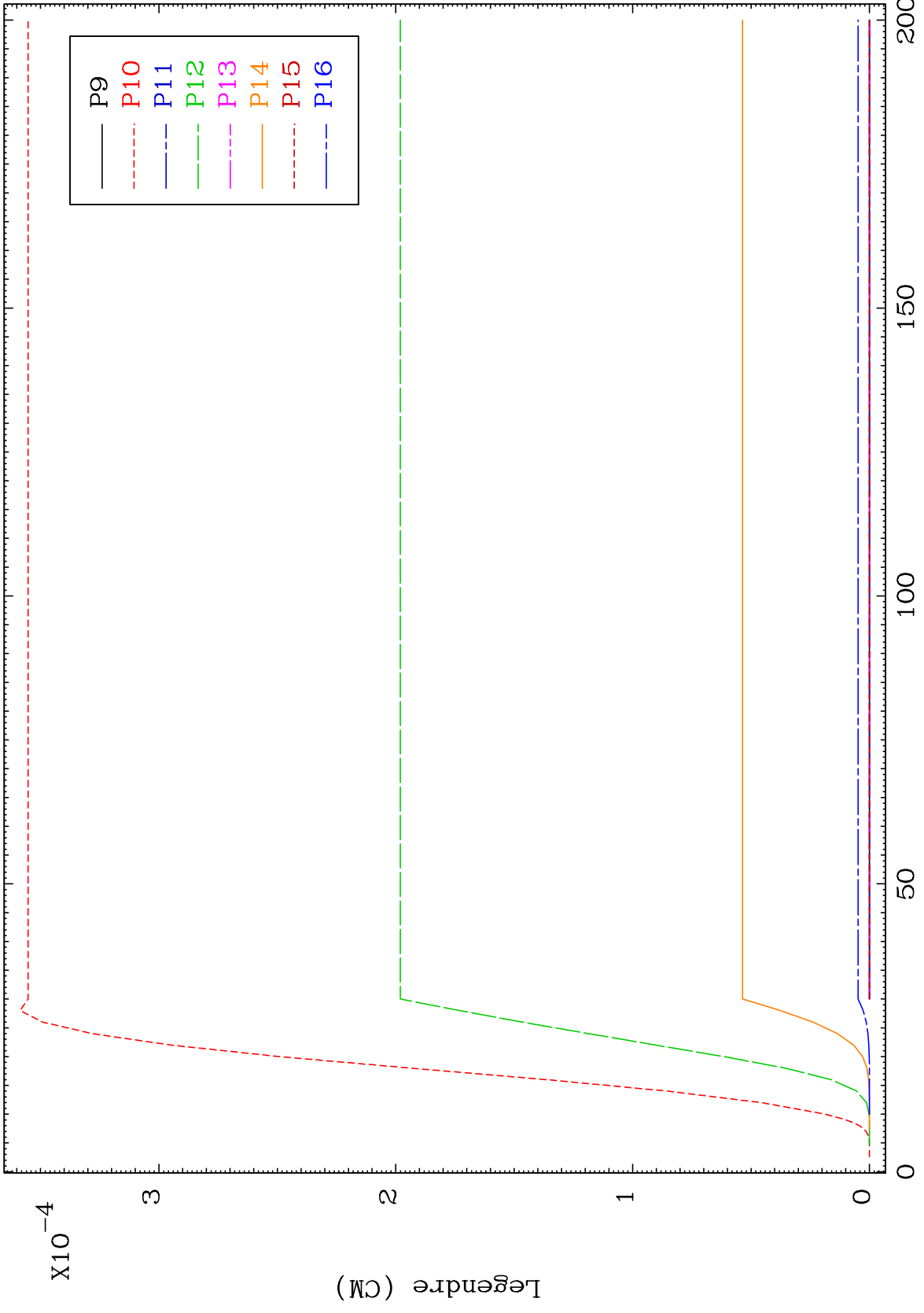
68 Incident Energy (MeV) 29-Cu-66

MAT 2934 MT= 68 (n,n') Level Legendre Coefficients 29-Cu-66



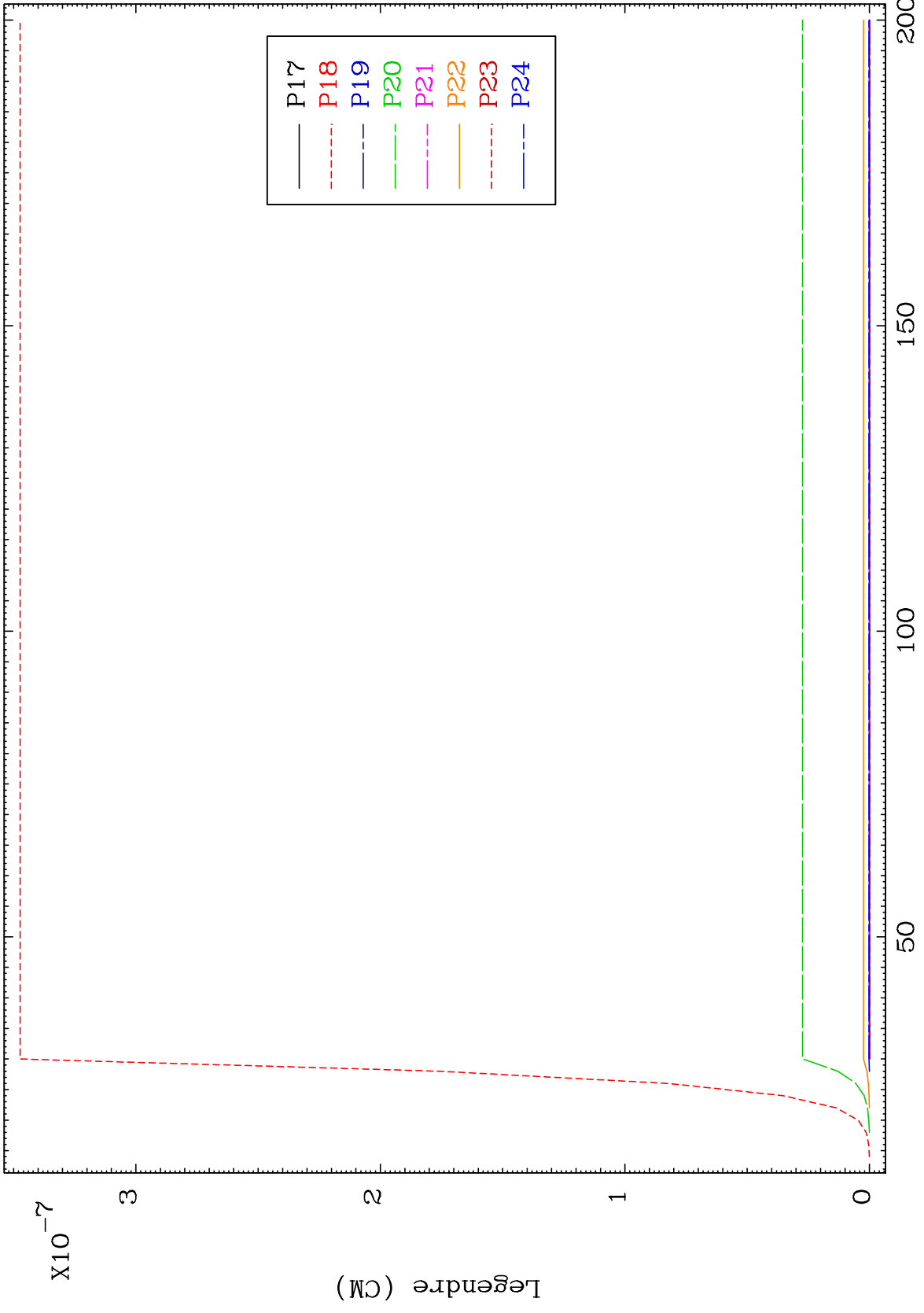
69 29-Cu-66

MAT 2934 MT= 68 (n,n') Level Legendre Coefficients 29-Cu-66



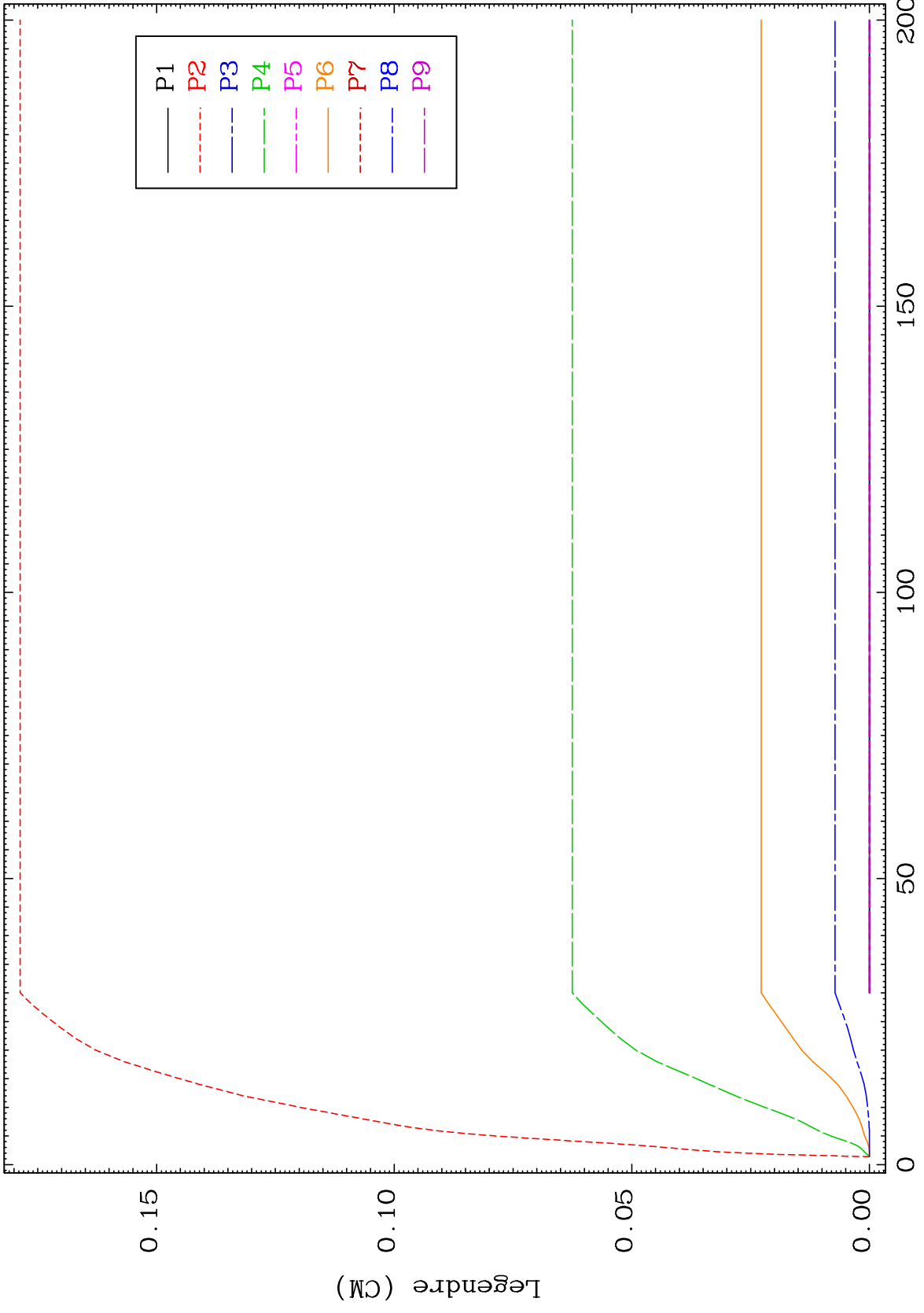
70 100 150 200 29-Cu-66

MAT 2934 MT= 68 (n,n') Level Legendre Coefficients 29-Cu-66



71 29-Cu-66

MAT 2934 MT= 69 (n,n') Level Legendre Coefficients 29-Cu-66

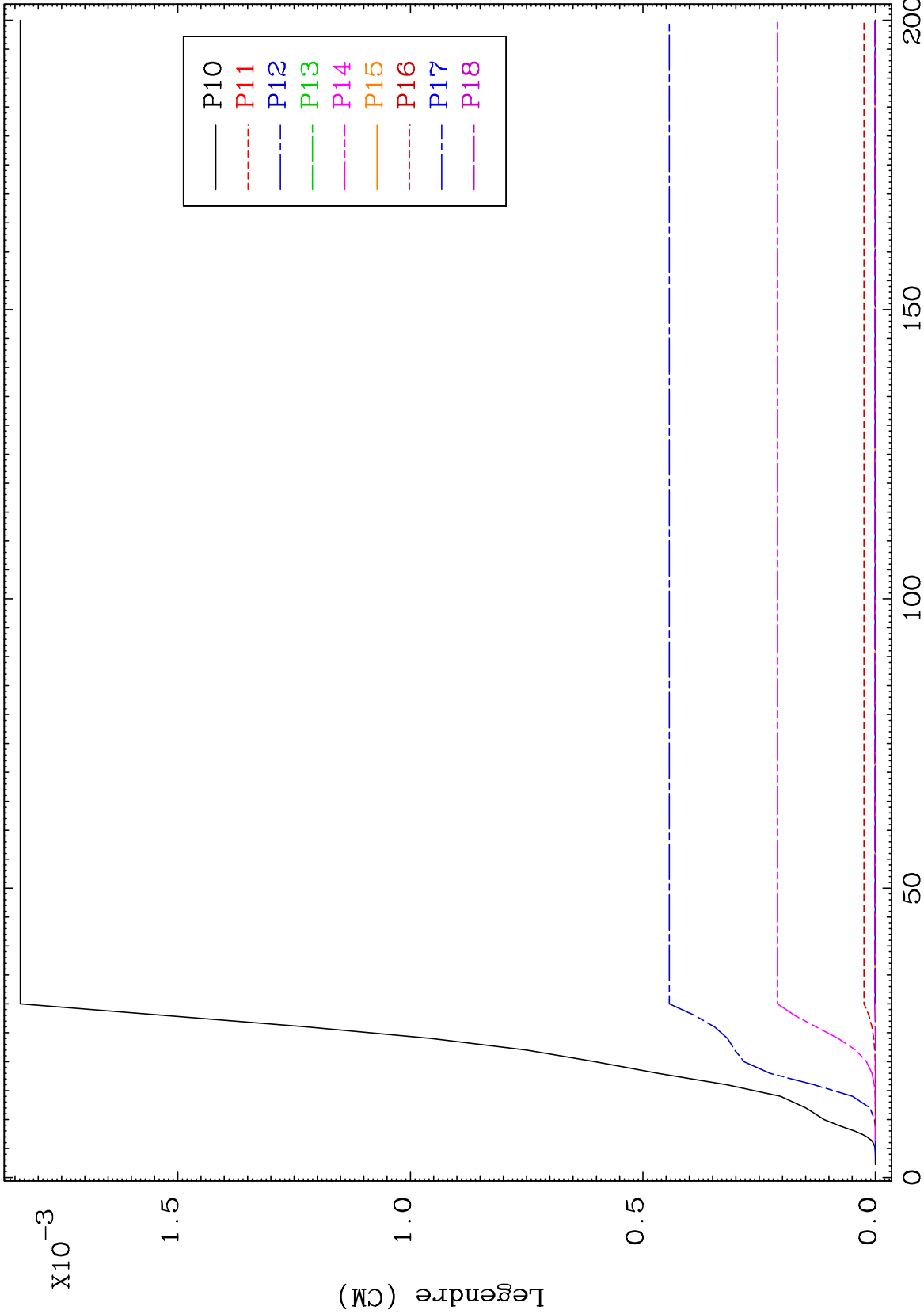


72 29-Cu-66

MAT 2934

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

29-Cu-66

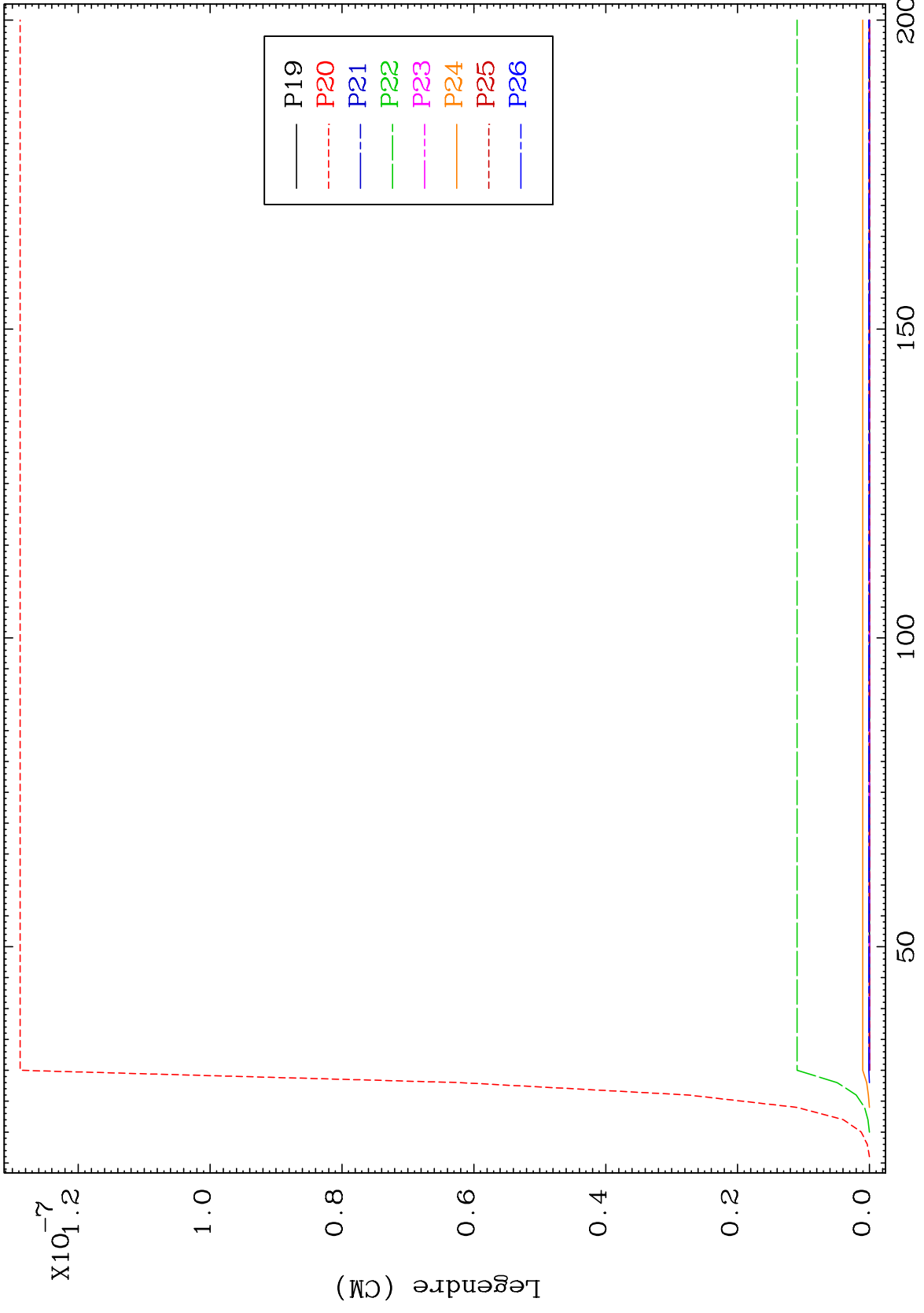


73

Incident Energy (MeV)

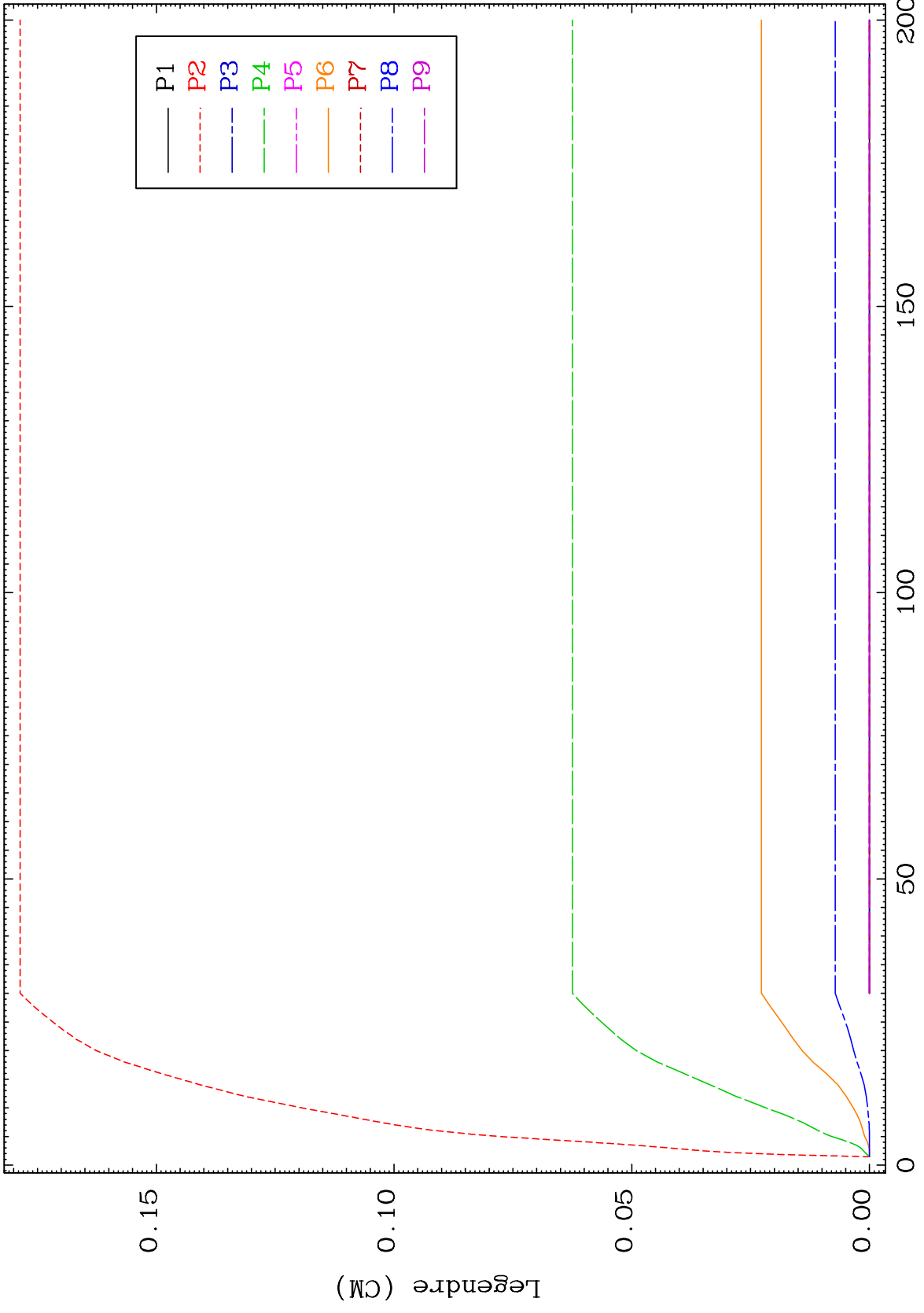
29-Cu-66

MAT 2934 MT= 69 (n,n') Level Legendre Coefficients 29-Cu-66



74 Incident Energy (MeV) 29-Cu-66

MAT 2934 MT= 70 (n,n') Level Legendre Coefficients 29-Cu-66

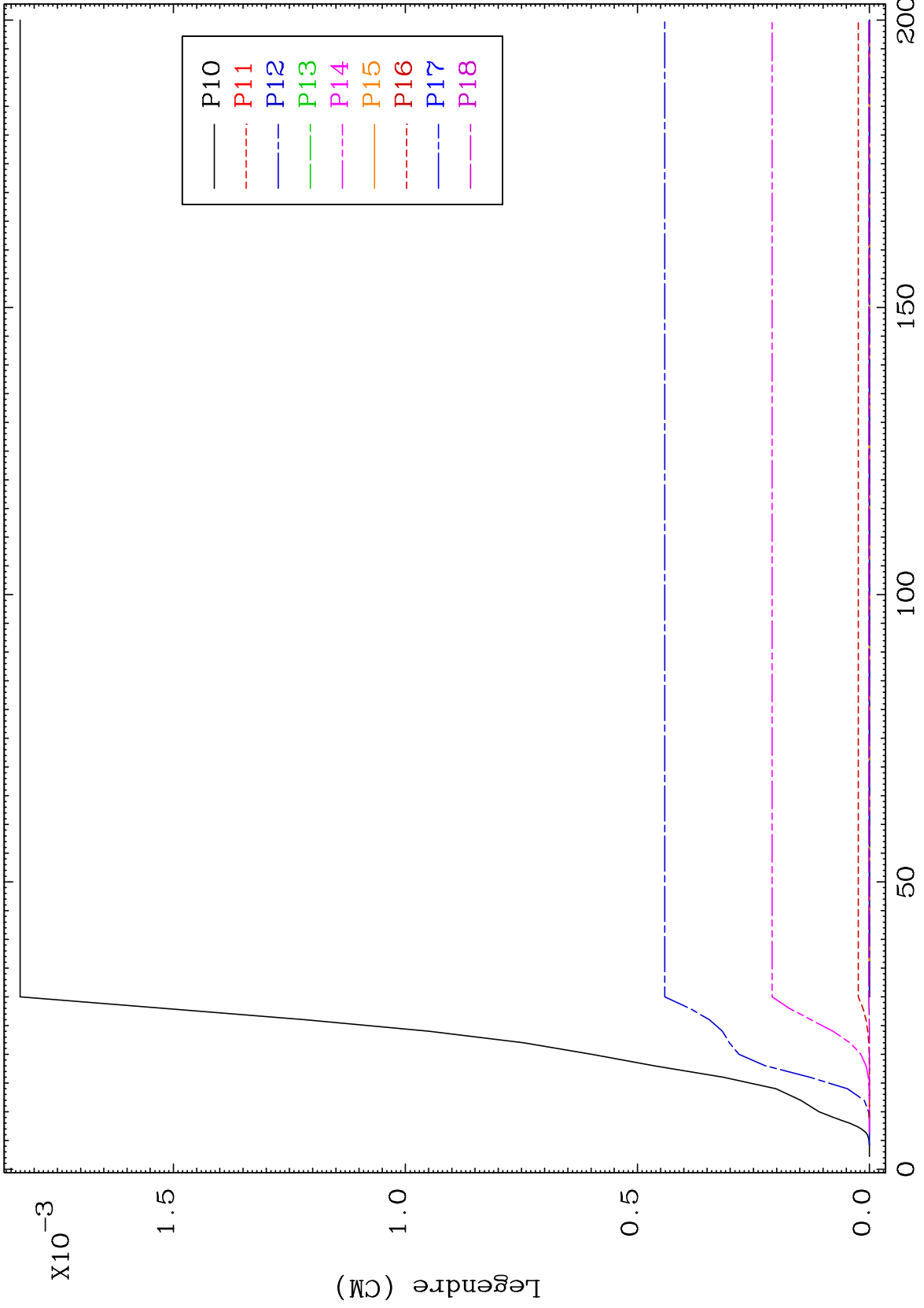


Incident Energy (MeV) 75 100 150 200 29-Cu-66

MAT 2934

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

29-Cu-66

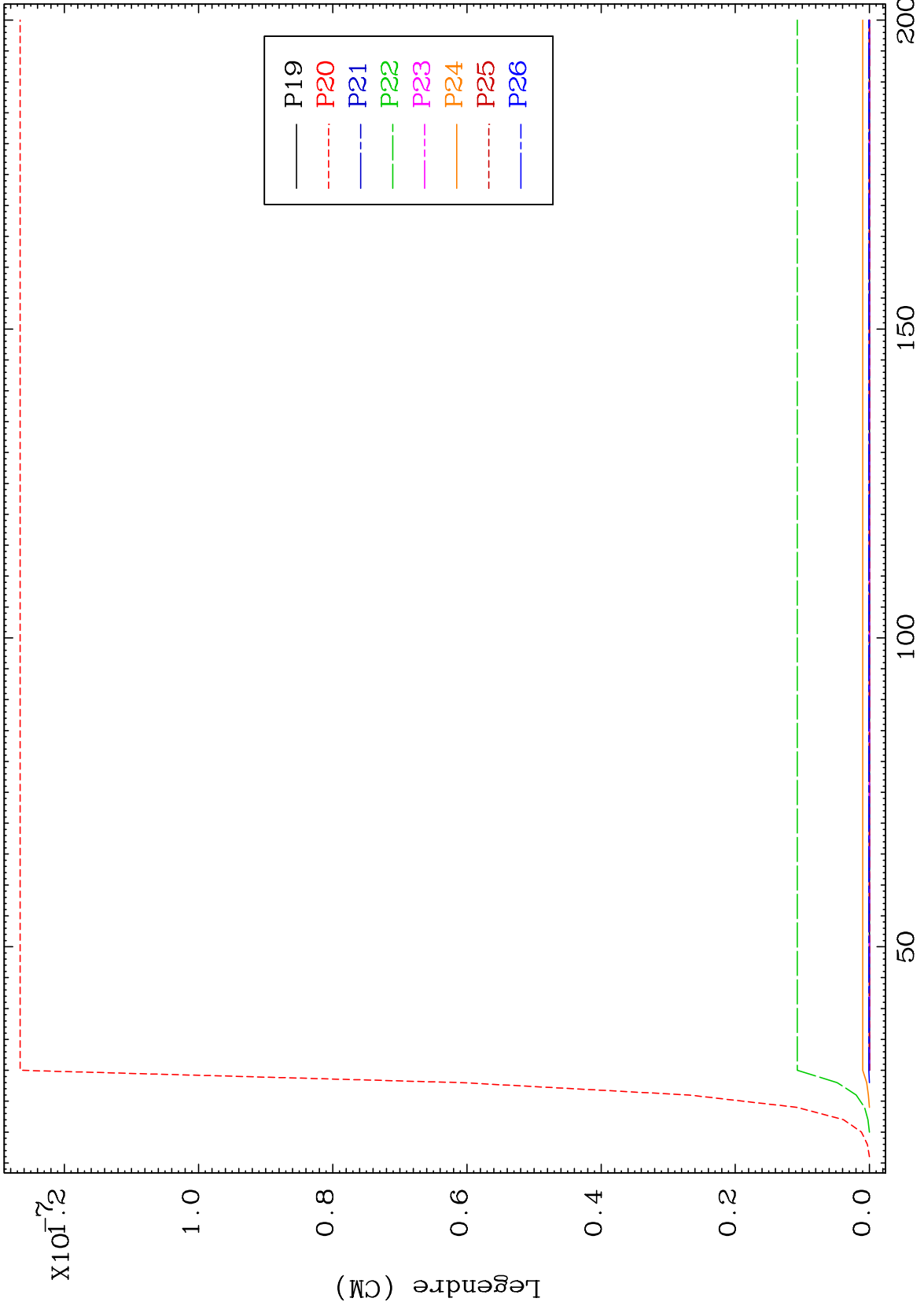


76

Incident Energy (MeV)

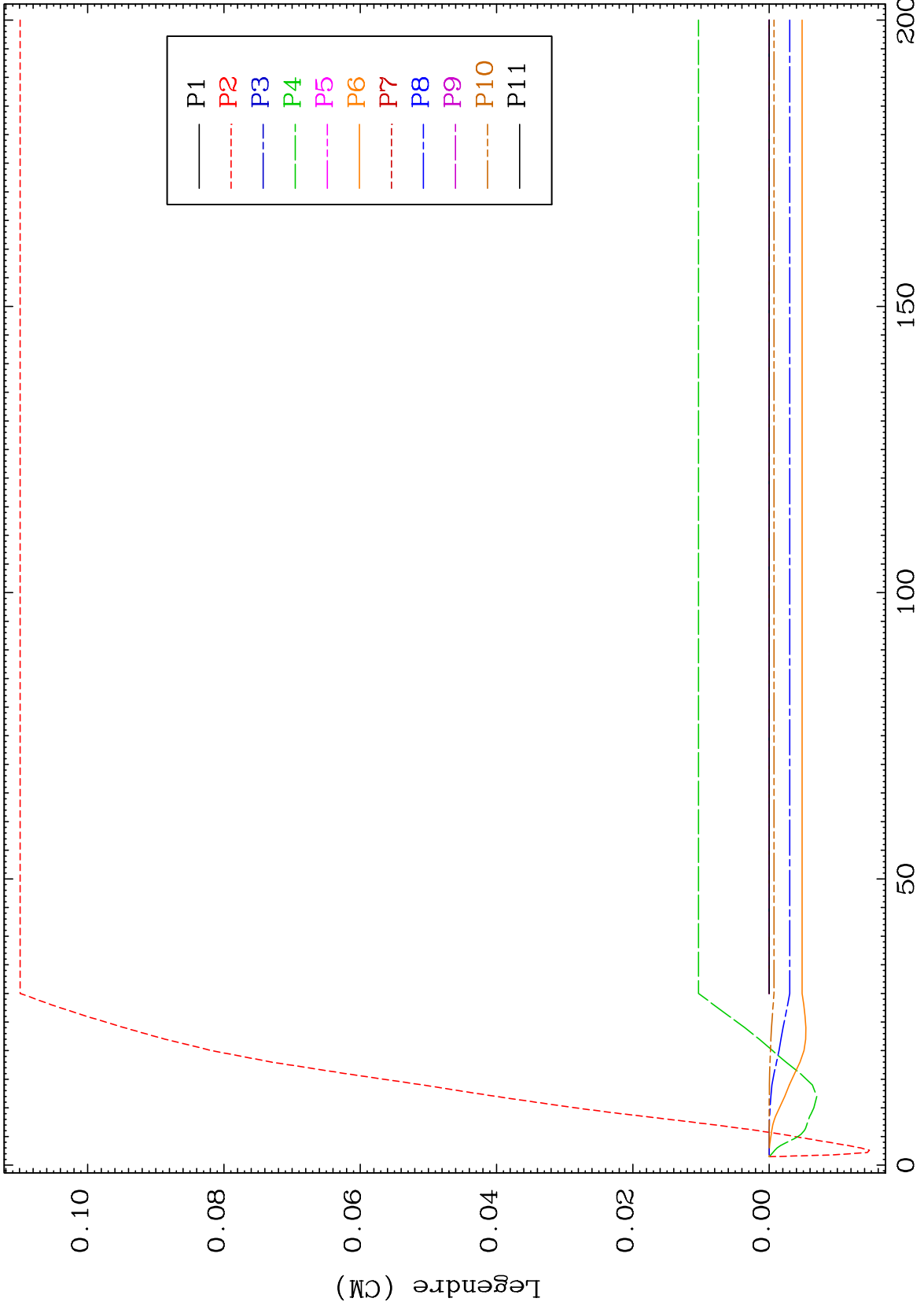
29-Cu-66

MAT 2934 MT= 70 (n,n') Level Legendre Coefficients 29-Cu-66



77 29-Cu-66

MAT 2934 MT= 71 (n,n') Level Legendre Coefficients 29-Cu-66

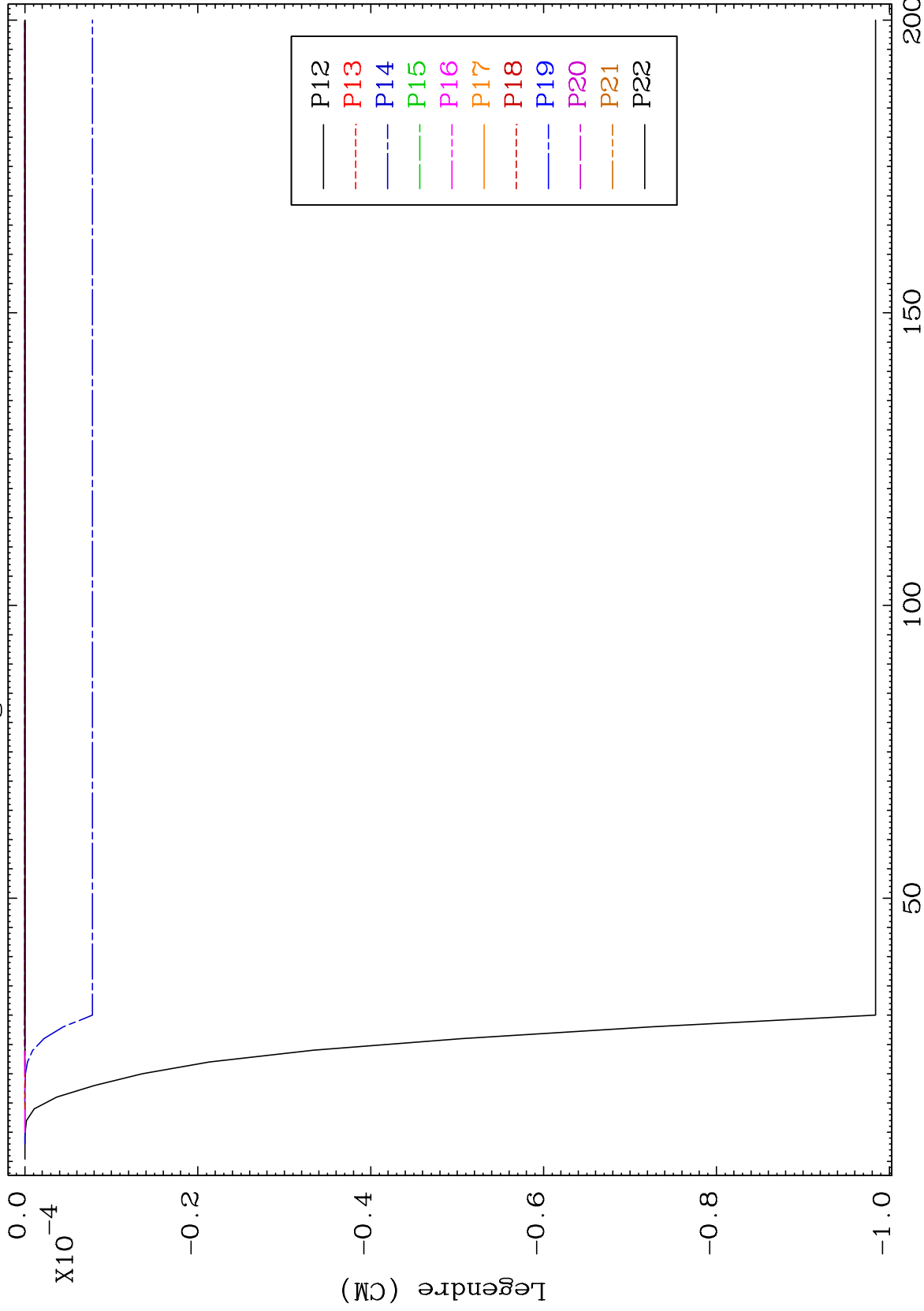


78 29-Cu-66

MAT 2934

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

29-Cu-66



79

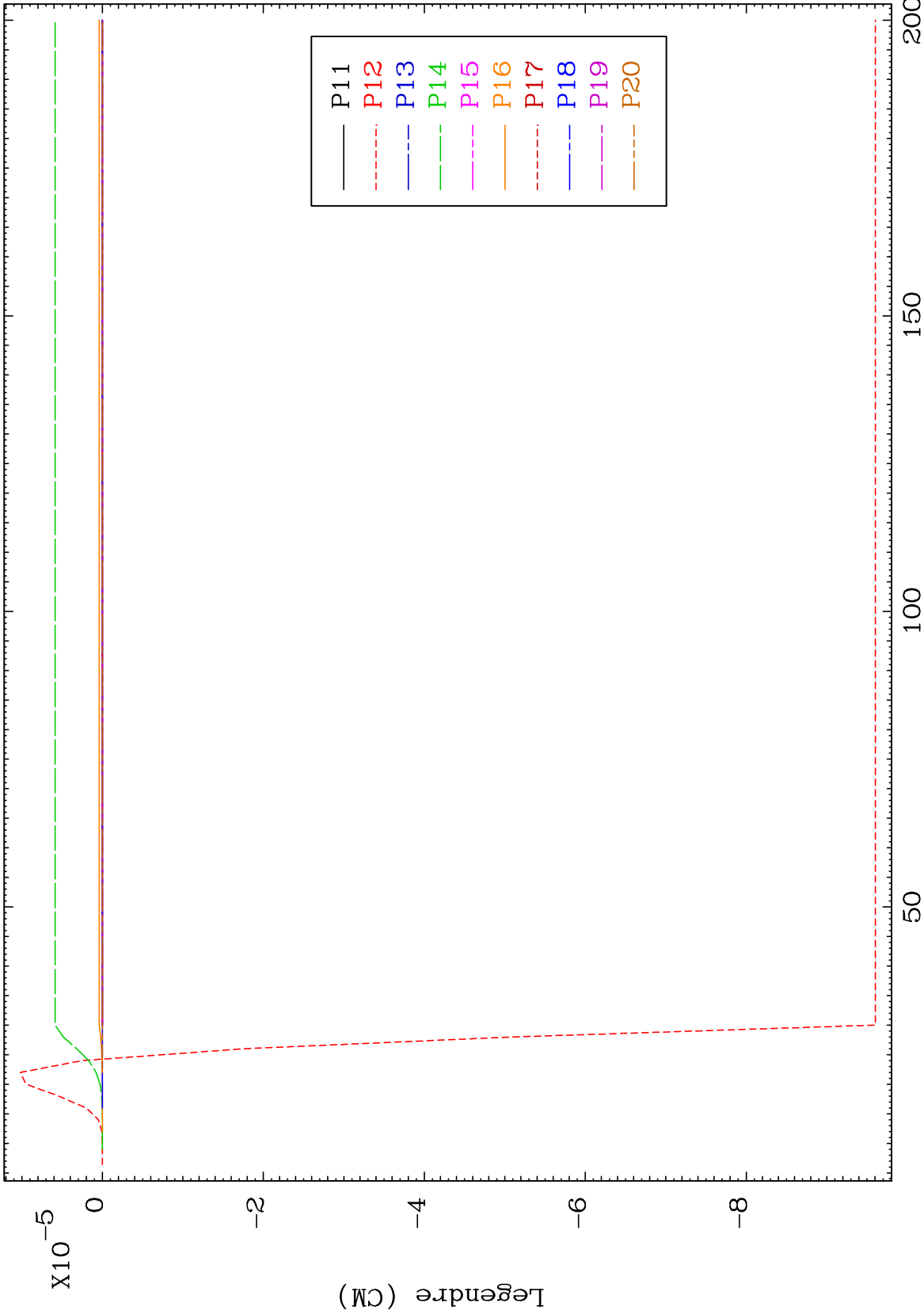
Incident Energy (MeV)

29-Cu-66

MAT 2934

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

29-Cu-66

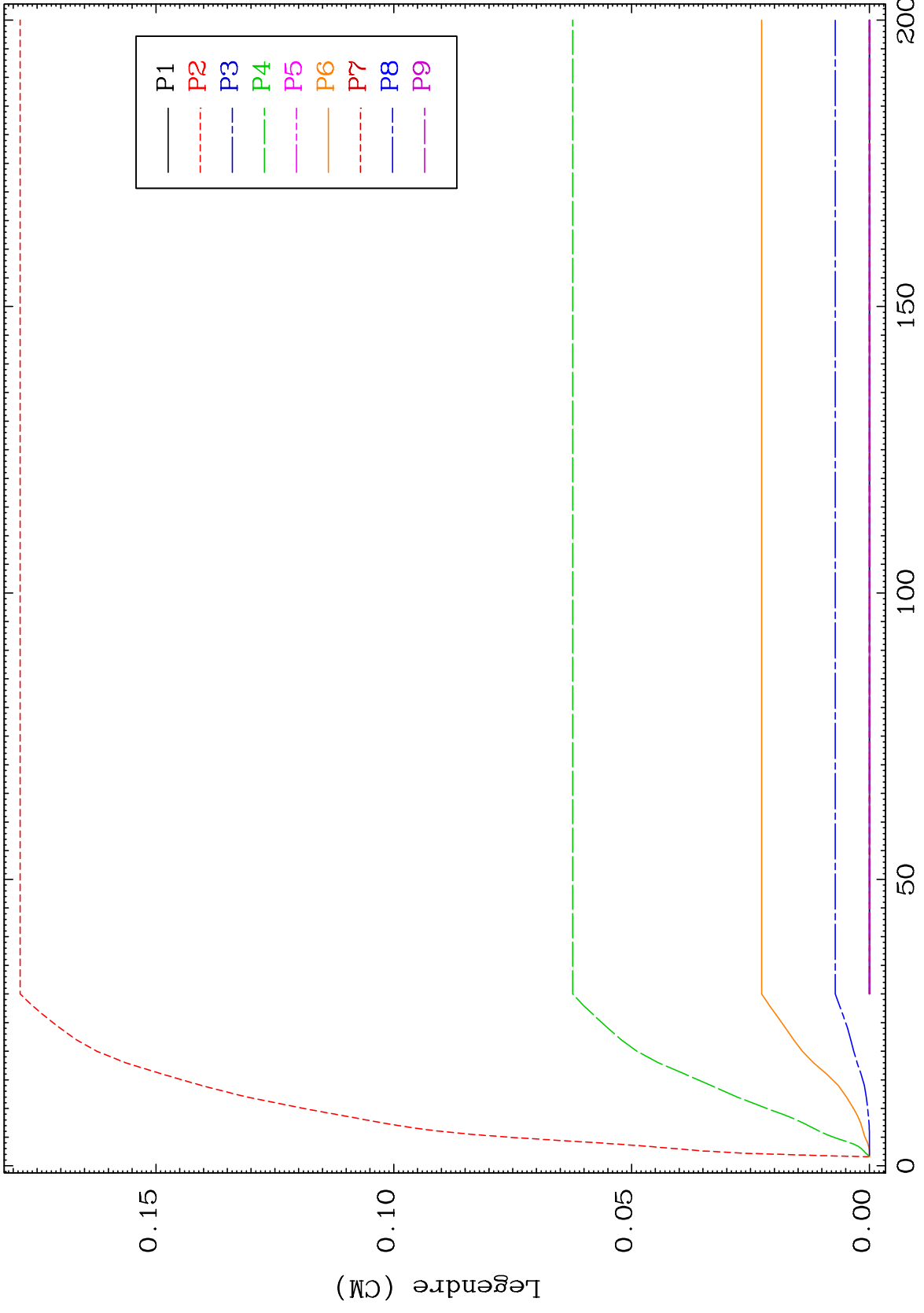


81

Incident Energy (MeV)

29-Cu-66

MAT 2934 MT= 73 (n,n') Level Legendre Coefficients 29-Cu-66

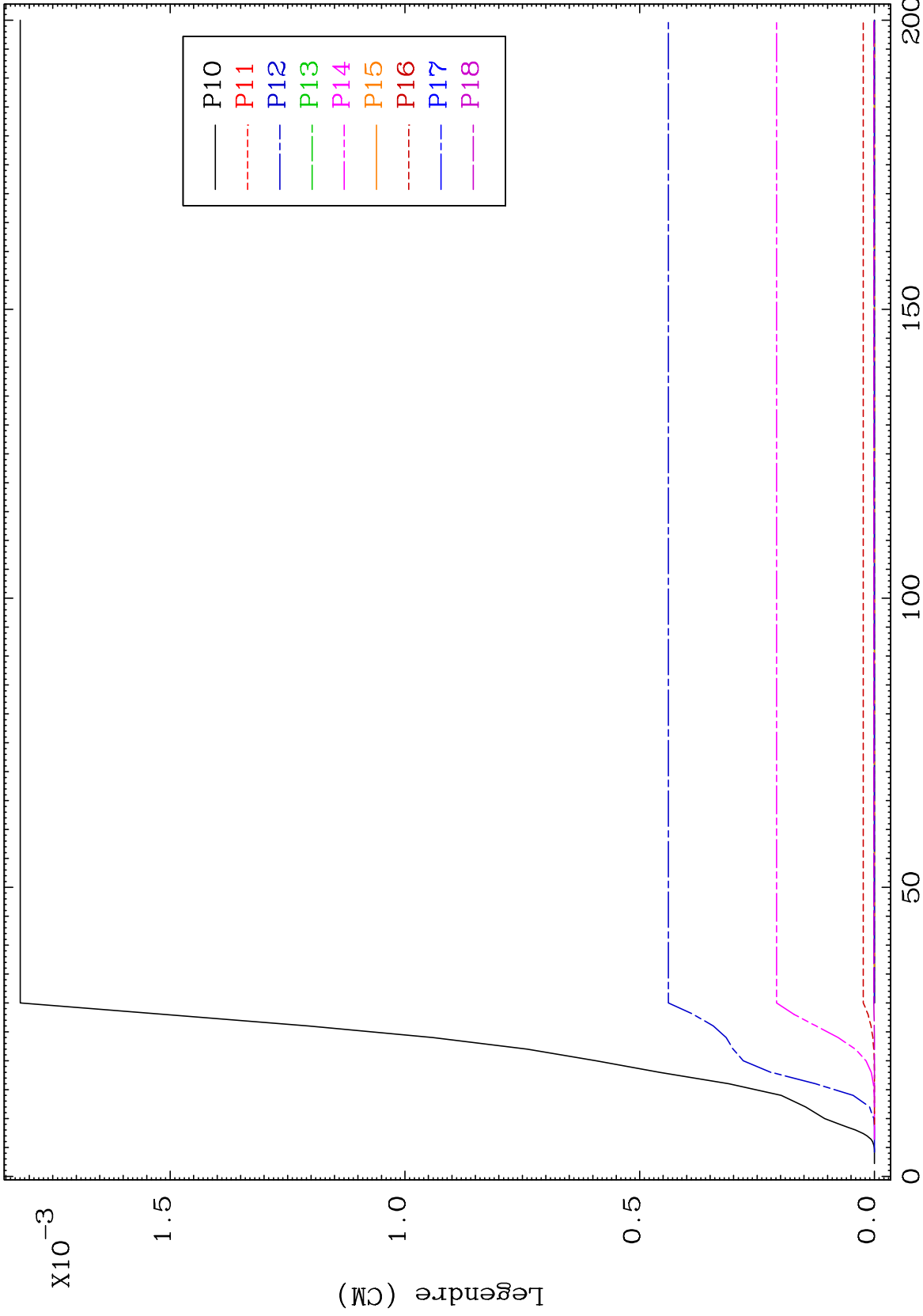


82 29-Cu-66

MAT 2934

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

29-Cu-66

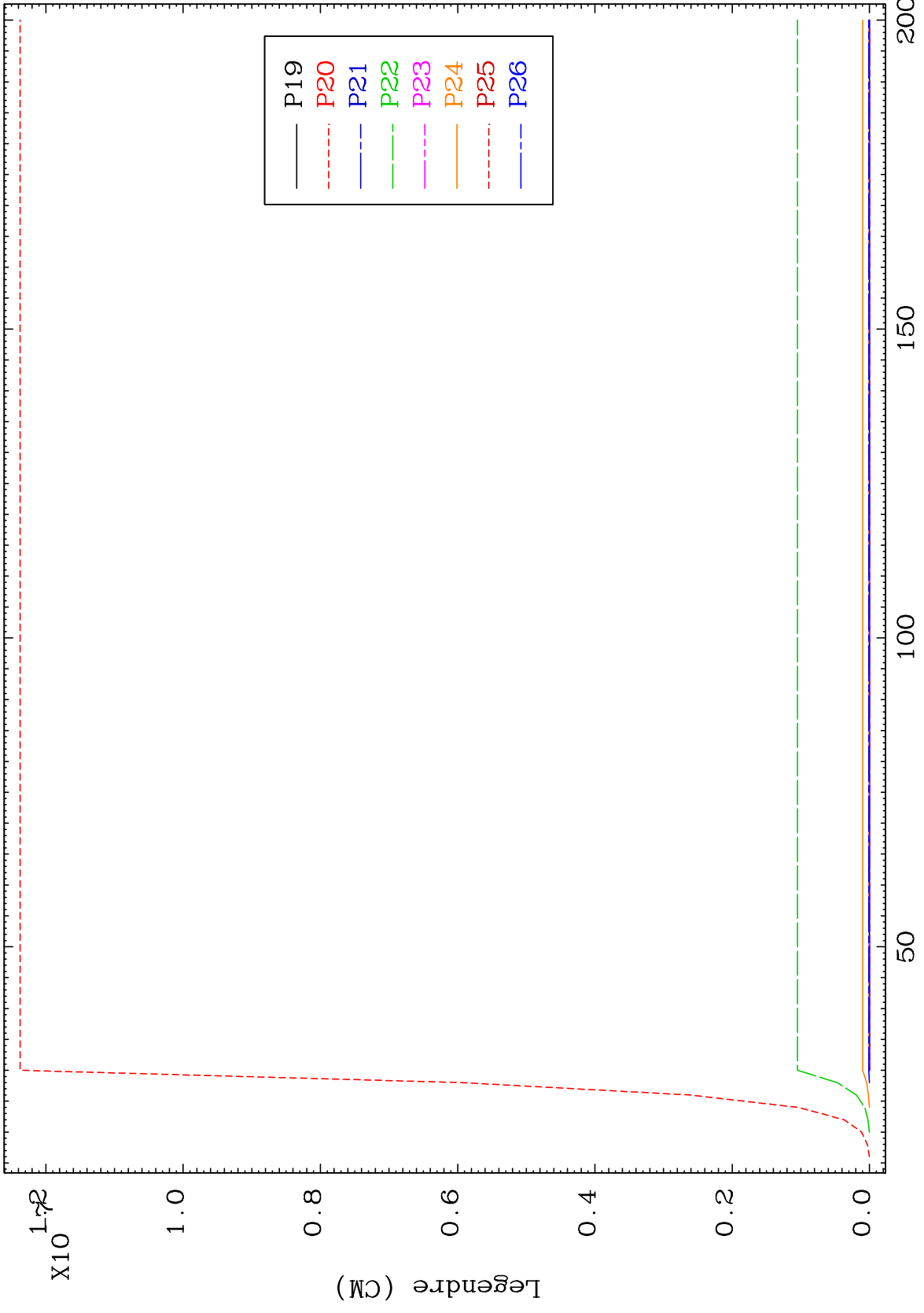


83

Incident Energy (MeV)

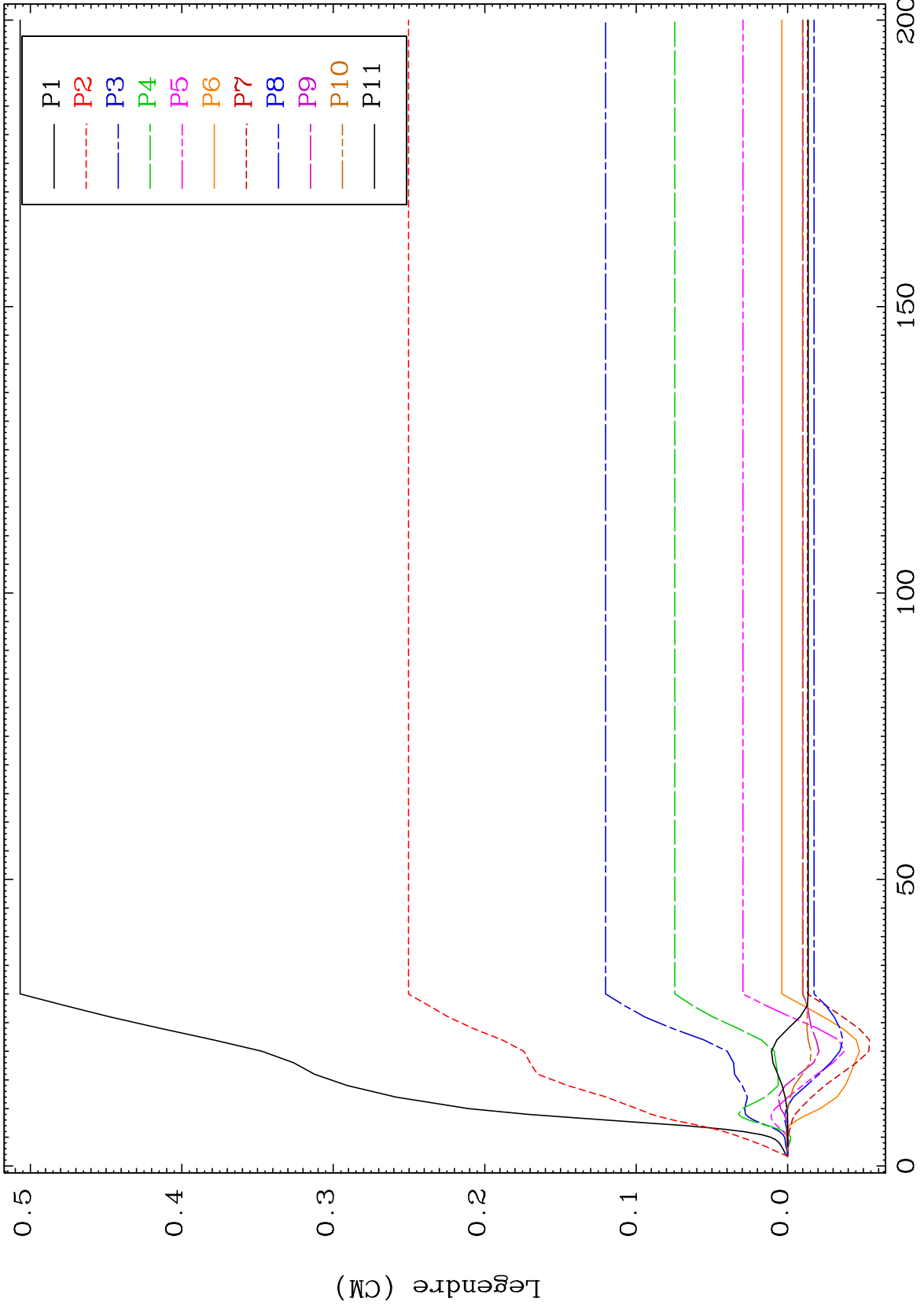
29-Cu-66

MAT 2934 MT= 73 (n,n') Level Legendre Coefficients 29-Cu-66



84 200 29-Cu-66

MAT 2934 MT= 74 (n,n') Level Legendre Coefficients 29-Cu-66

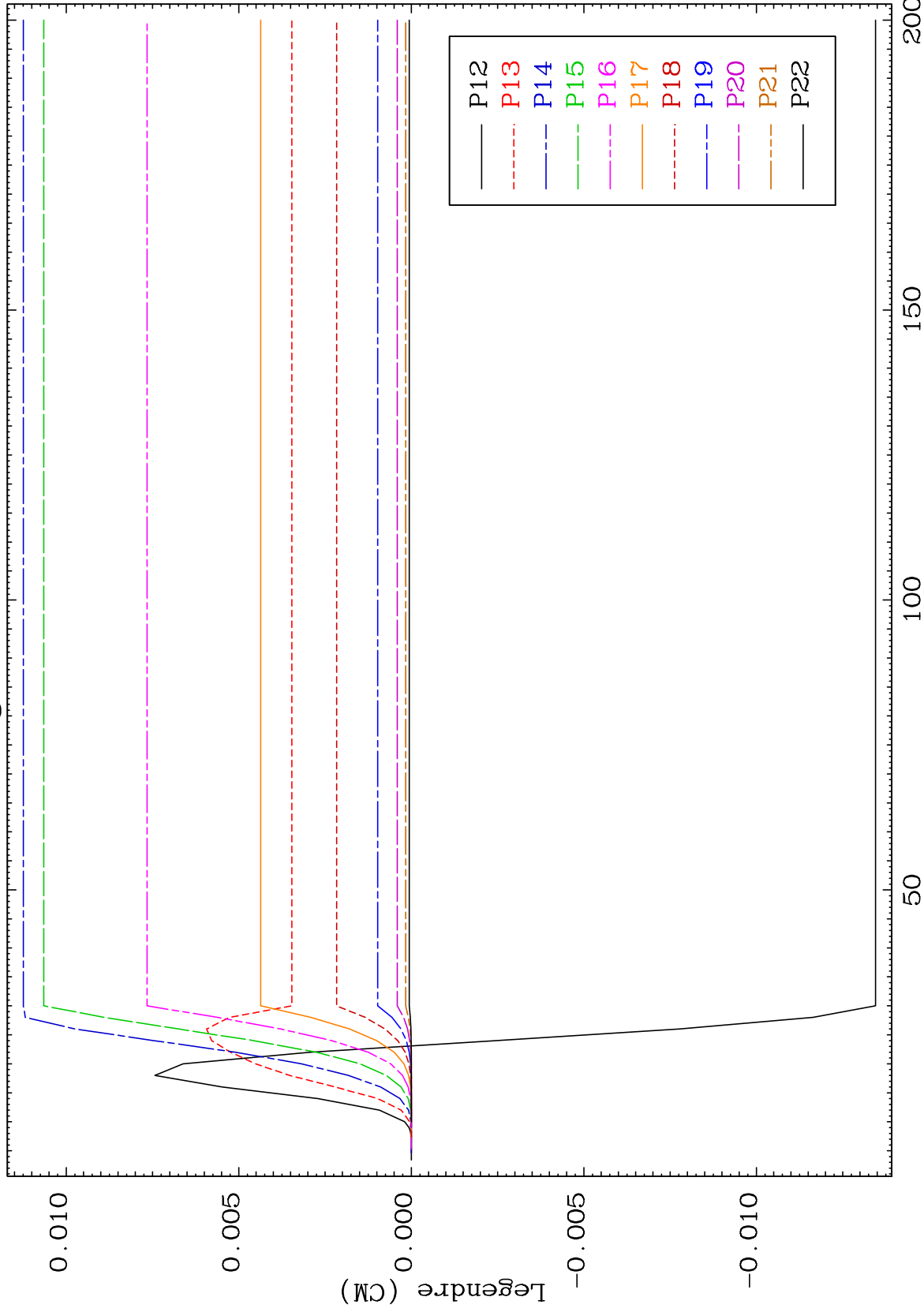


85 29-Cu-66

MAT 2934

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

29-Cu-66



86

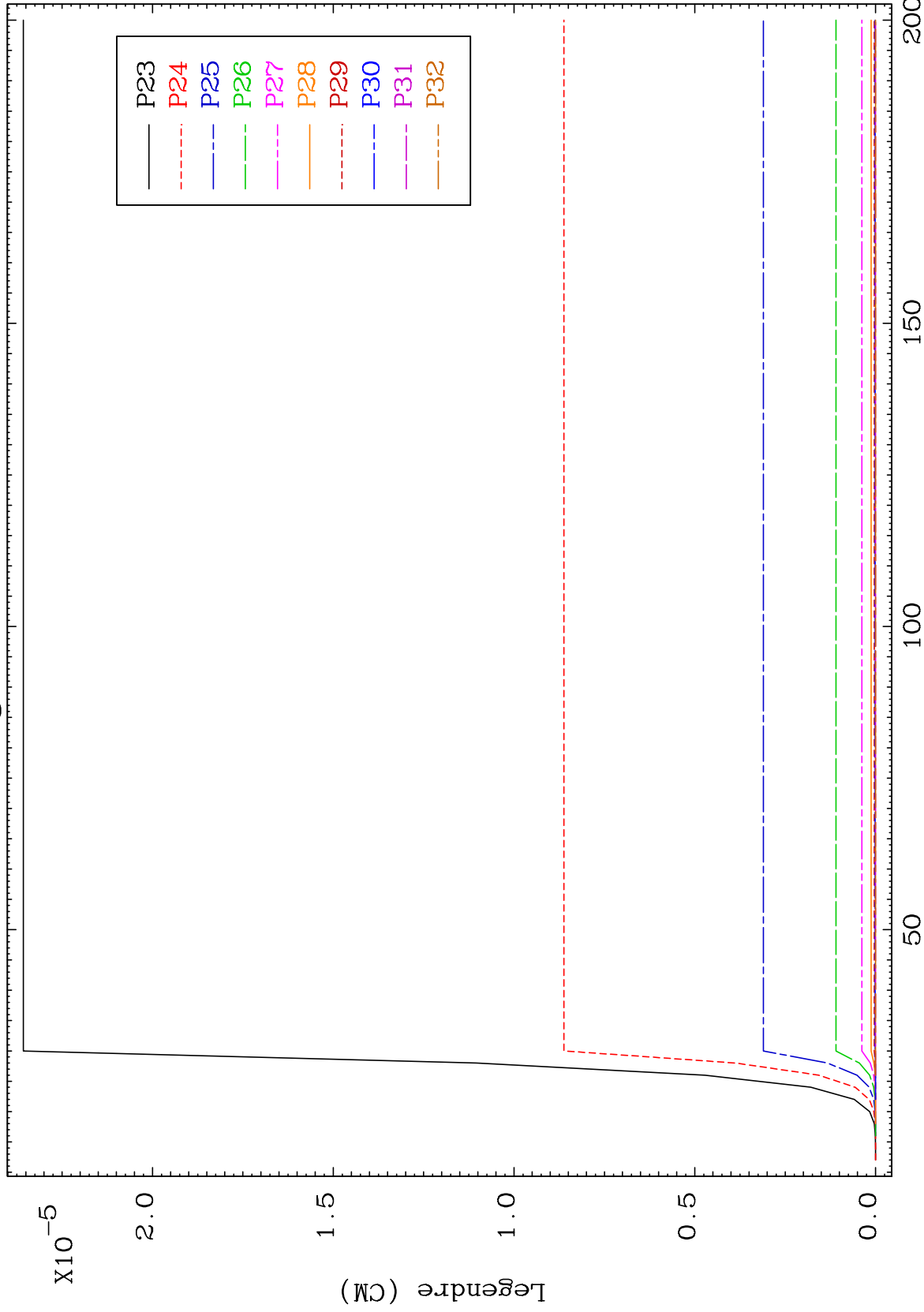
Incident Energy (MeV)

29-Cu-66

MAT 2934

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

29-Cu-66

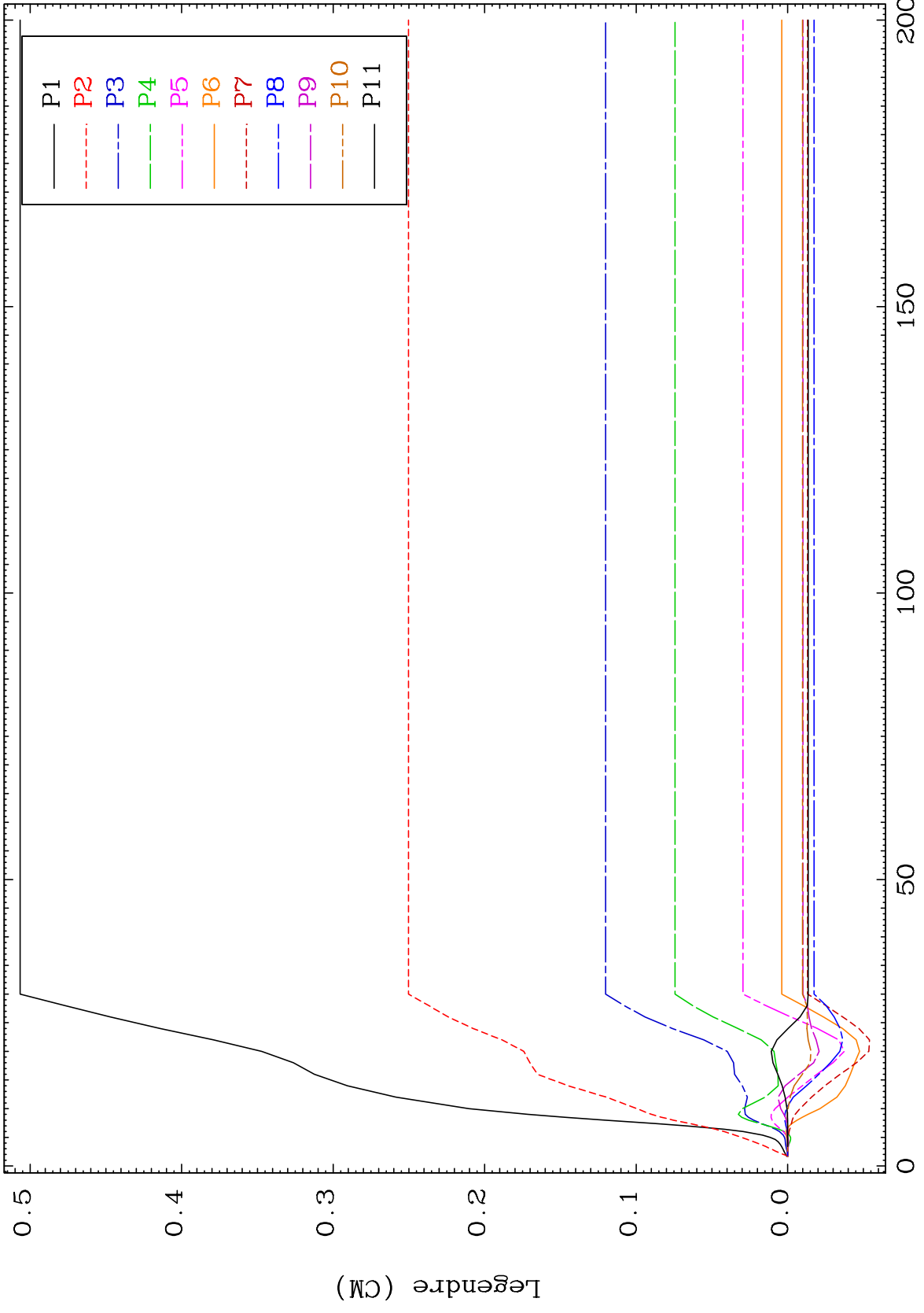


87

Incident Energy (MeV)

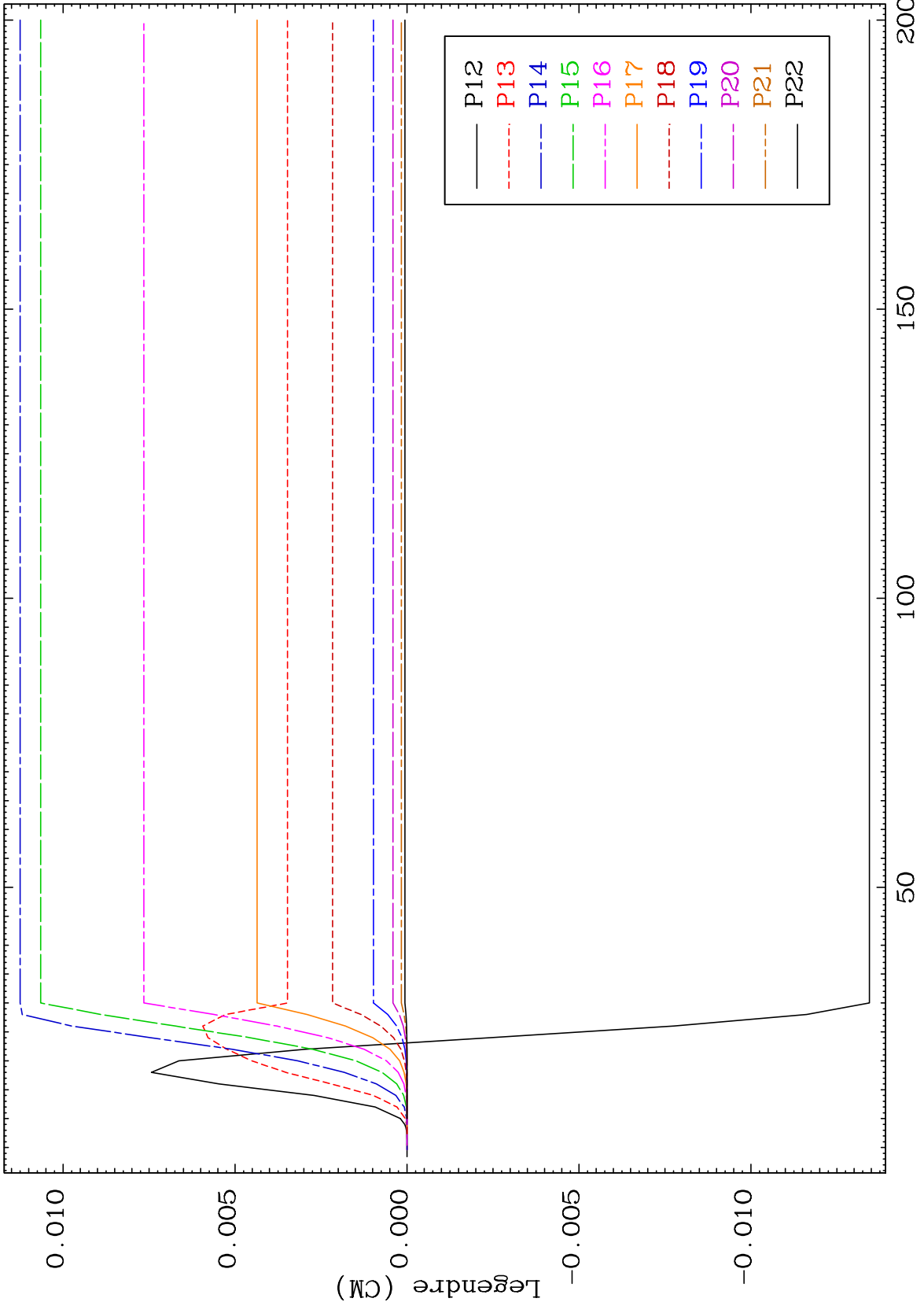
29-Cu-66

MAT 2934 MT= 75 (n,n') Level Legendre Coefficients 29-Cu-66



88 29-Cu-66

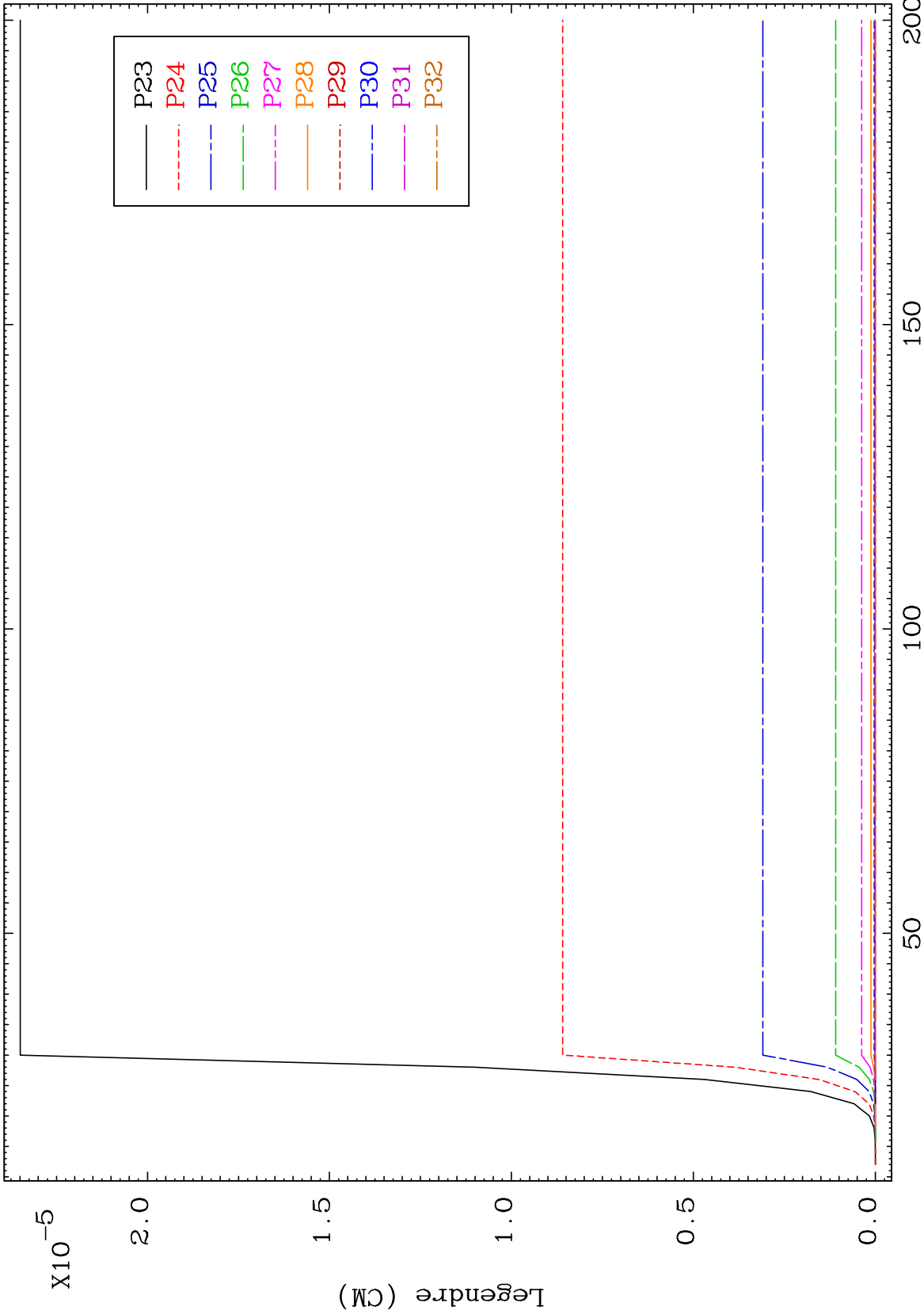
MAT 2934 MT= 75 (n,n') Level Legendre Coefficients 29-Cu-66



MAT 2934

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

29-Cu-66



90

50

100

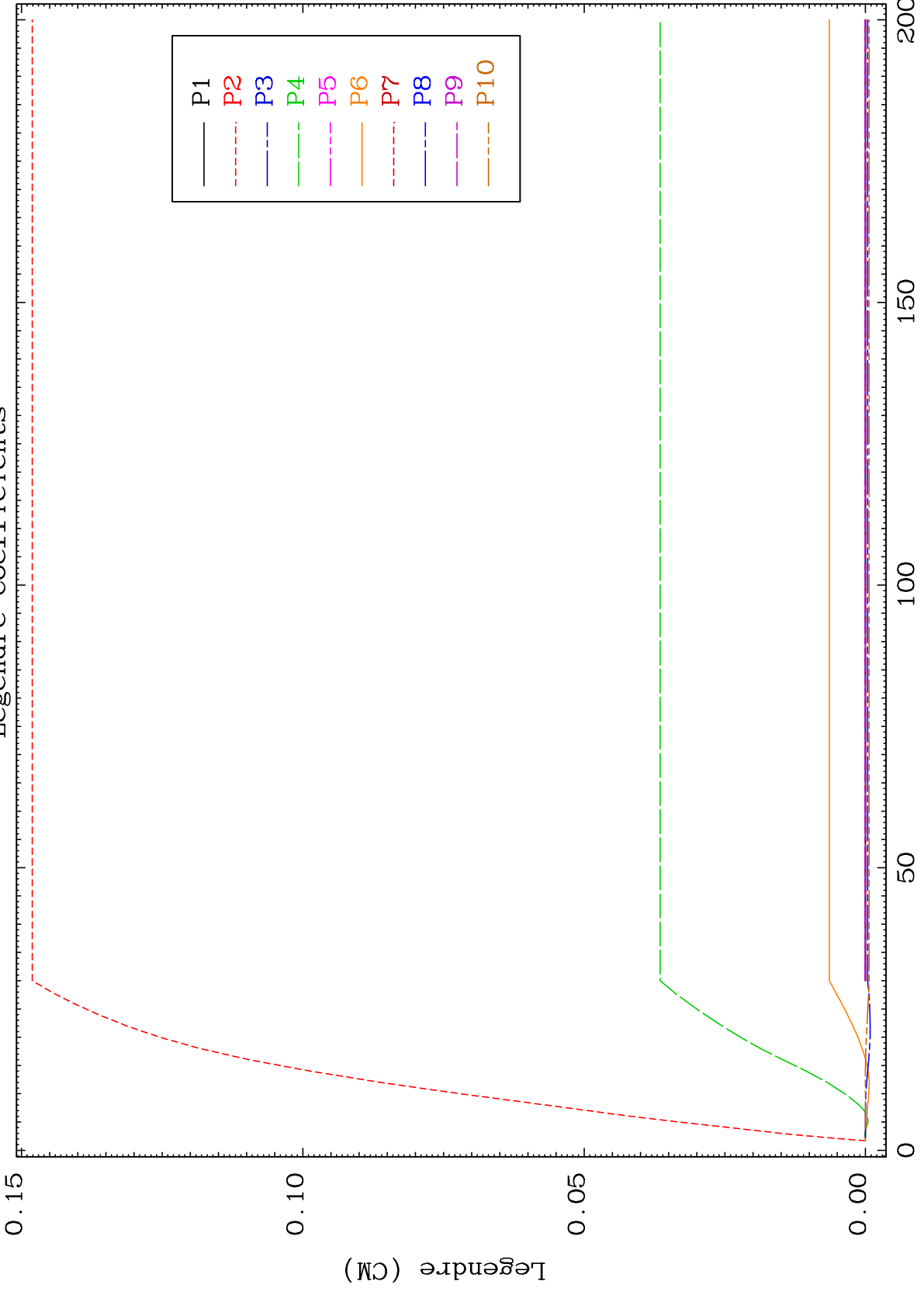
Incident Energy (MeV)

150

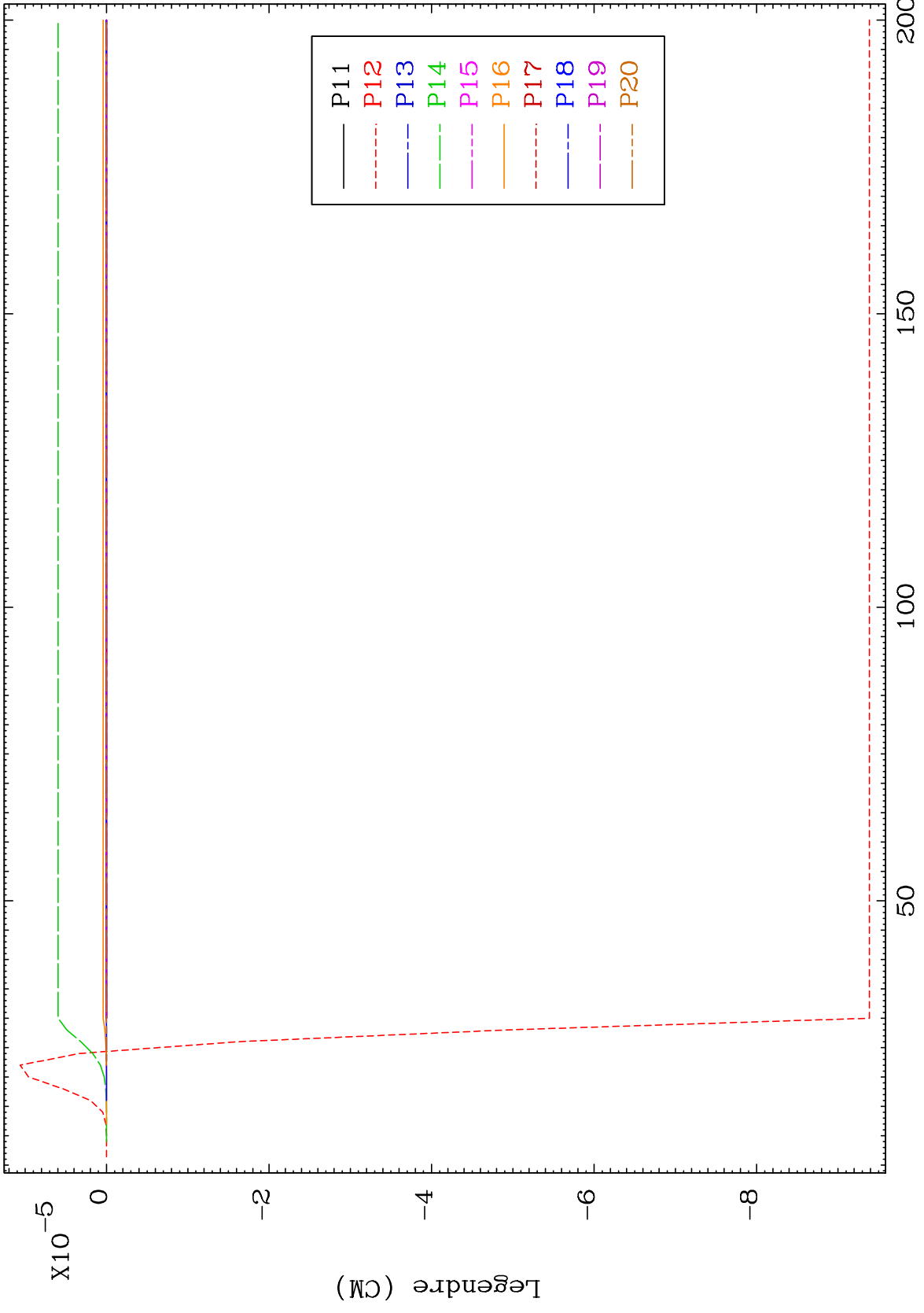
200

29-Cu-66

MAT 2934 MT= 76 (n,n') Level Legendre Coefficients 29-Cu-66



MAT 2934 MT= 76 (n,n') Level Legendre Coefficients 29-Cu-66

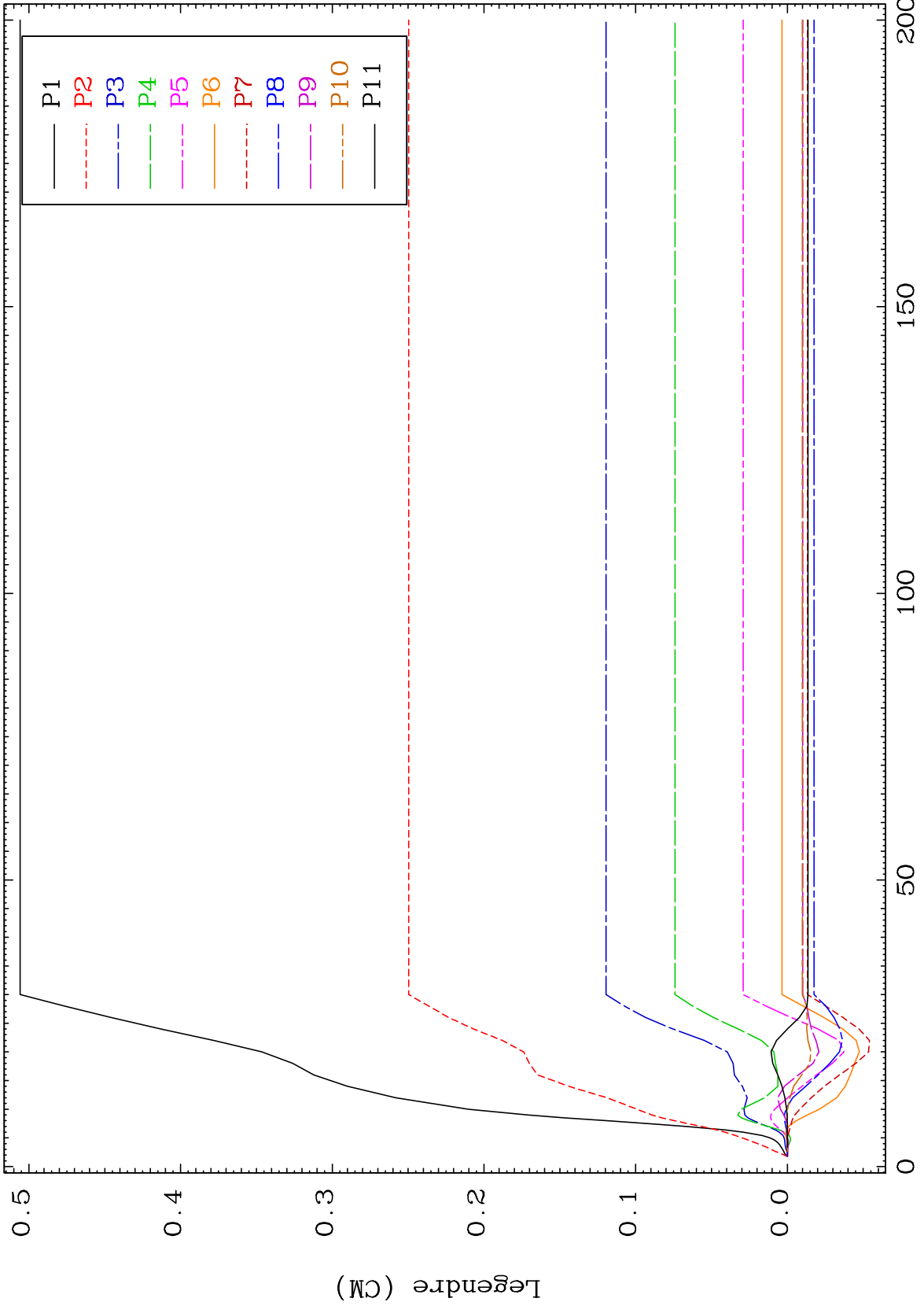


92 29-Cu-66

MAT 2934

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

29-Cu-66



93

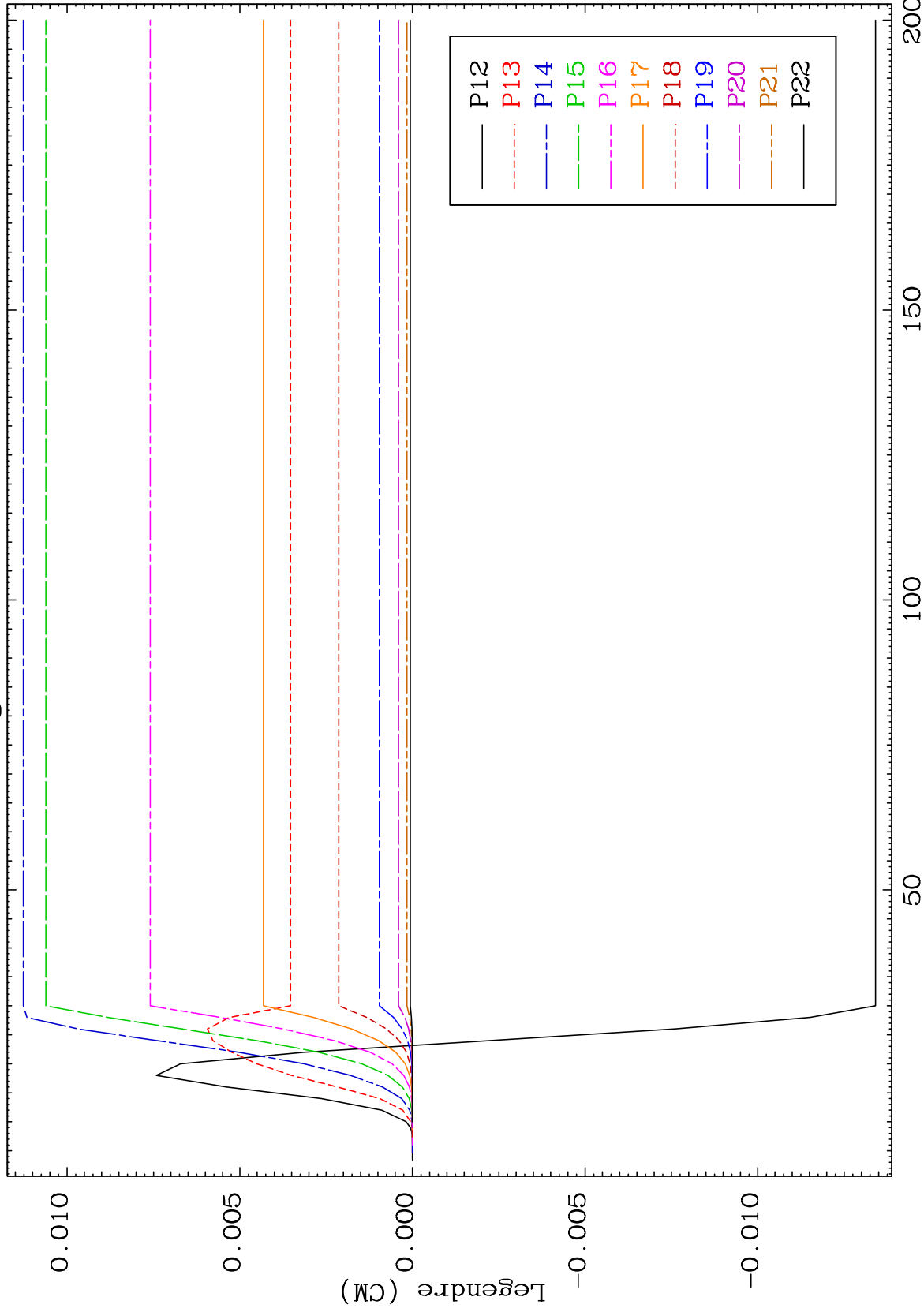
Incident Energy (MeV)

29-Cu-66

MAT 2934

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

29-Cu-66



94

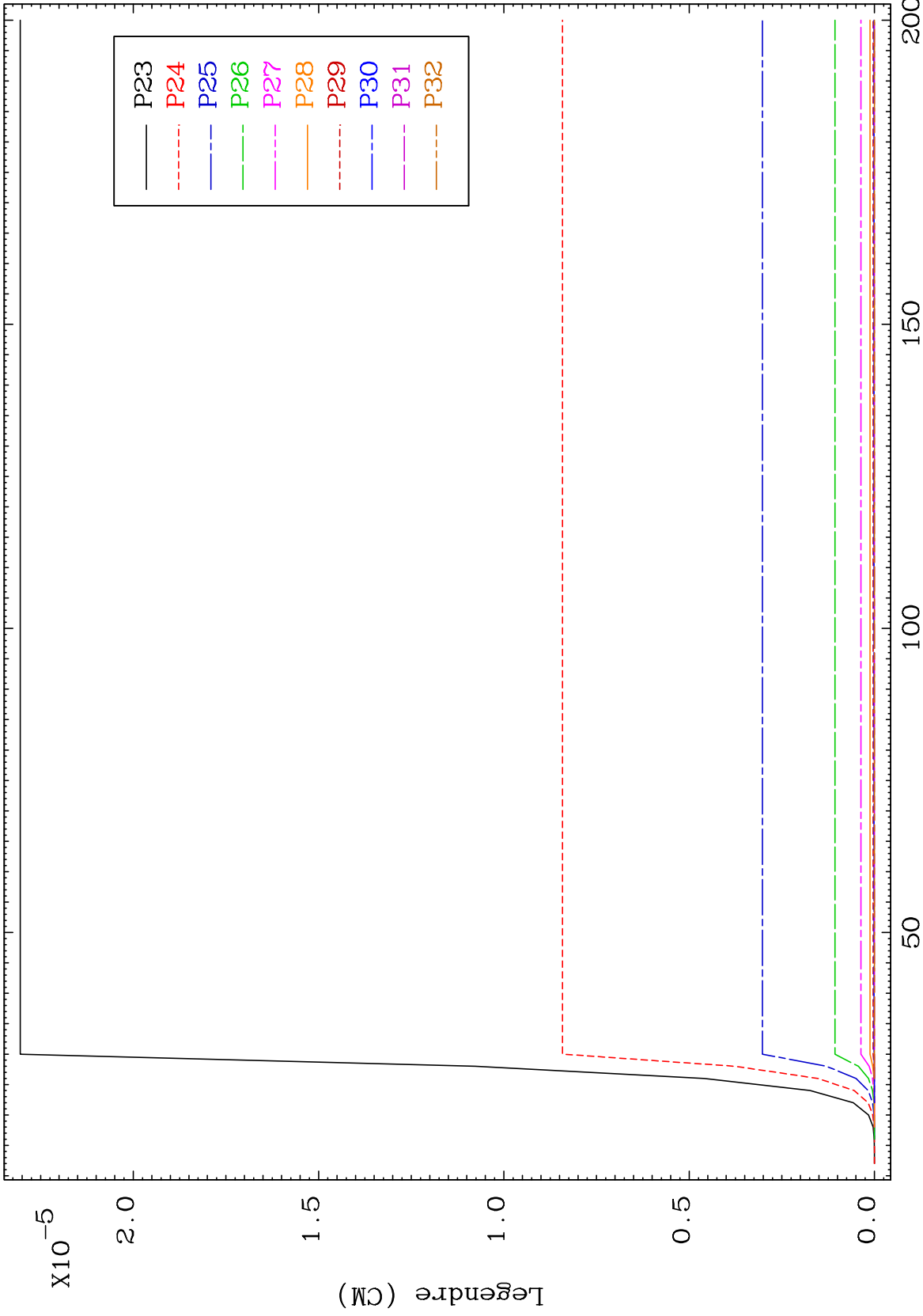
Incident Energy (MeV)

29-Cu-66

MAT 2934

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

29-Cu-66

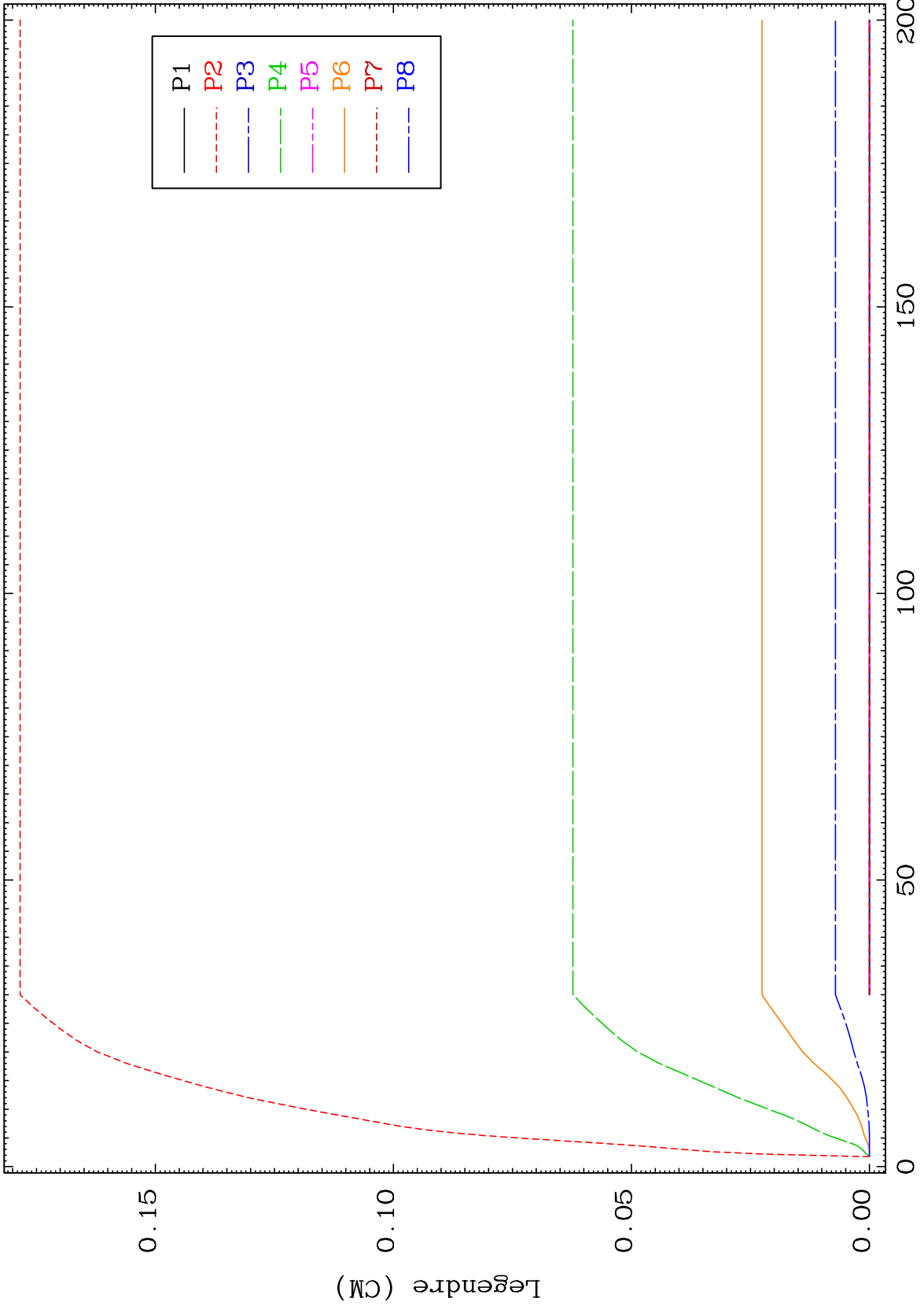


95

Incident Energy (MeV)

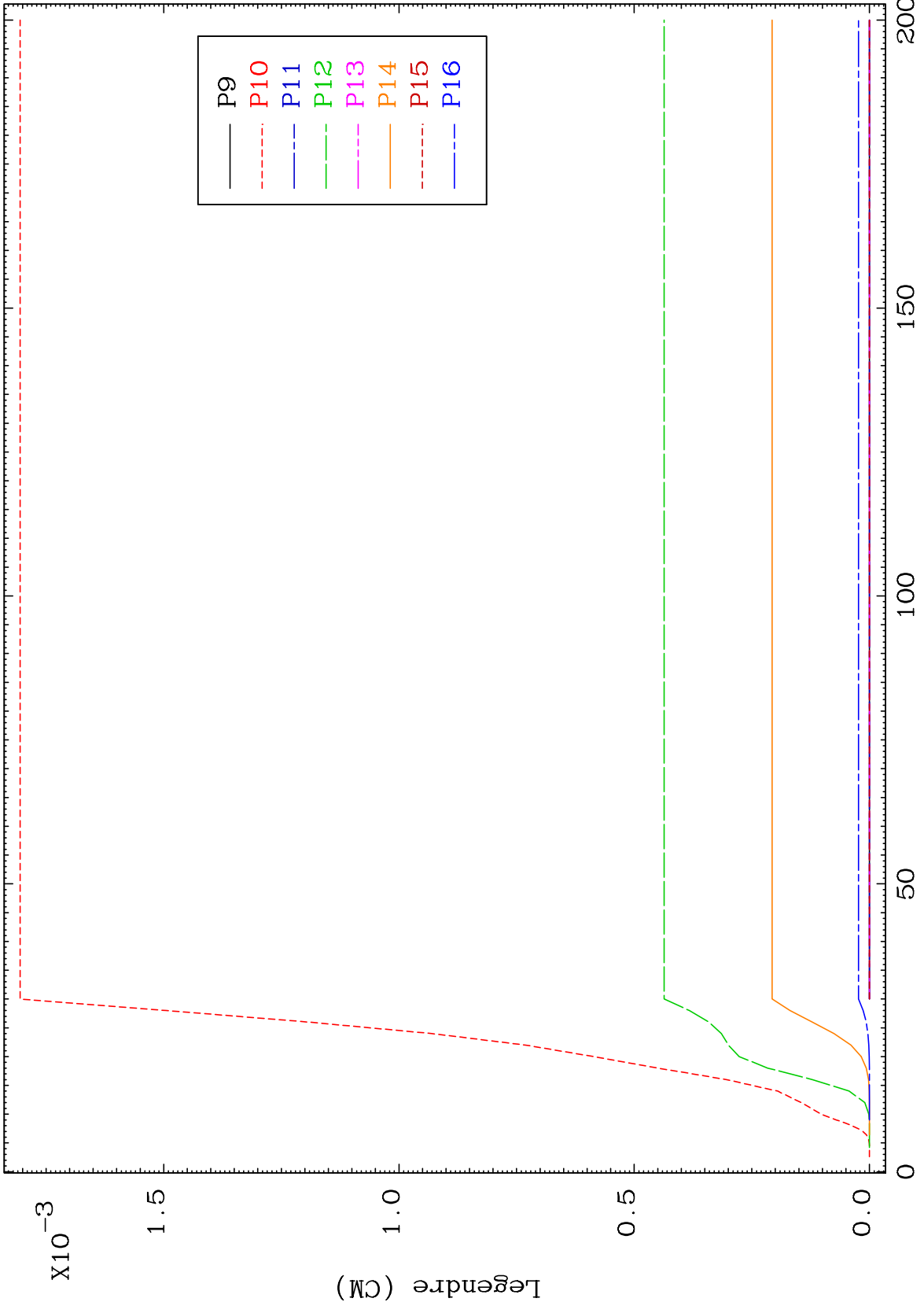
29-Cu-66

MAT 2934 MT= 78 (n,n') Level Legendre Coefficients 29-Cu-66



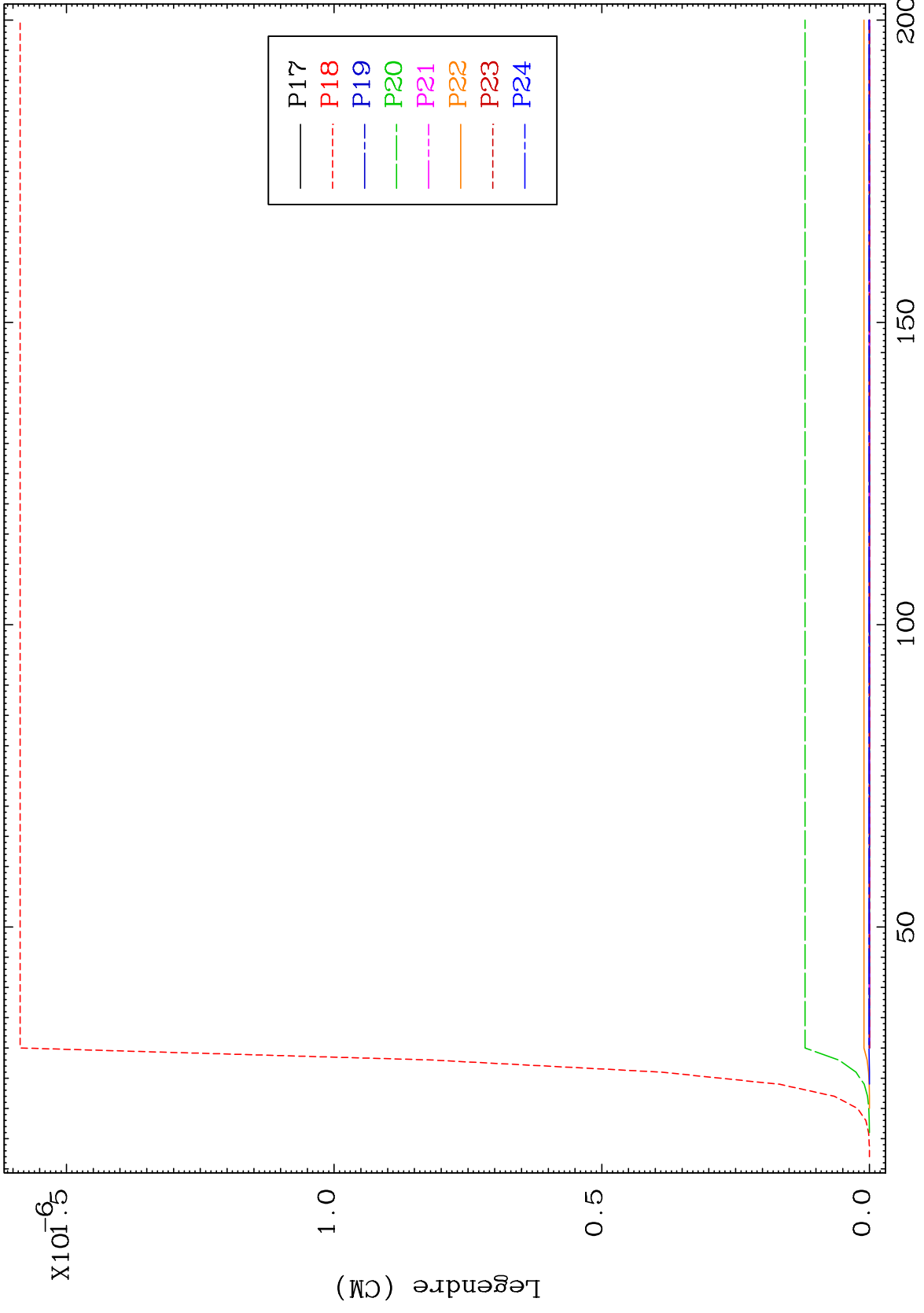
96 29-Cu-66

MAT 2934 MT= 78 (n,n') Level Legendre Coefficients 29-Cu-66



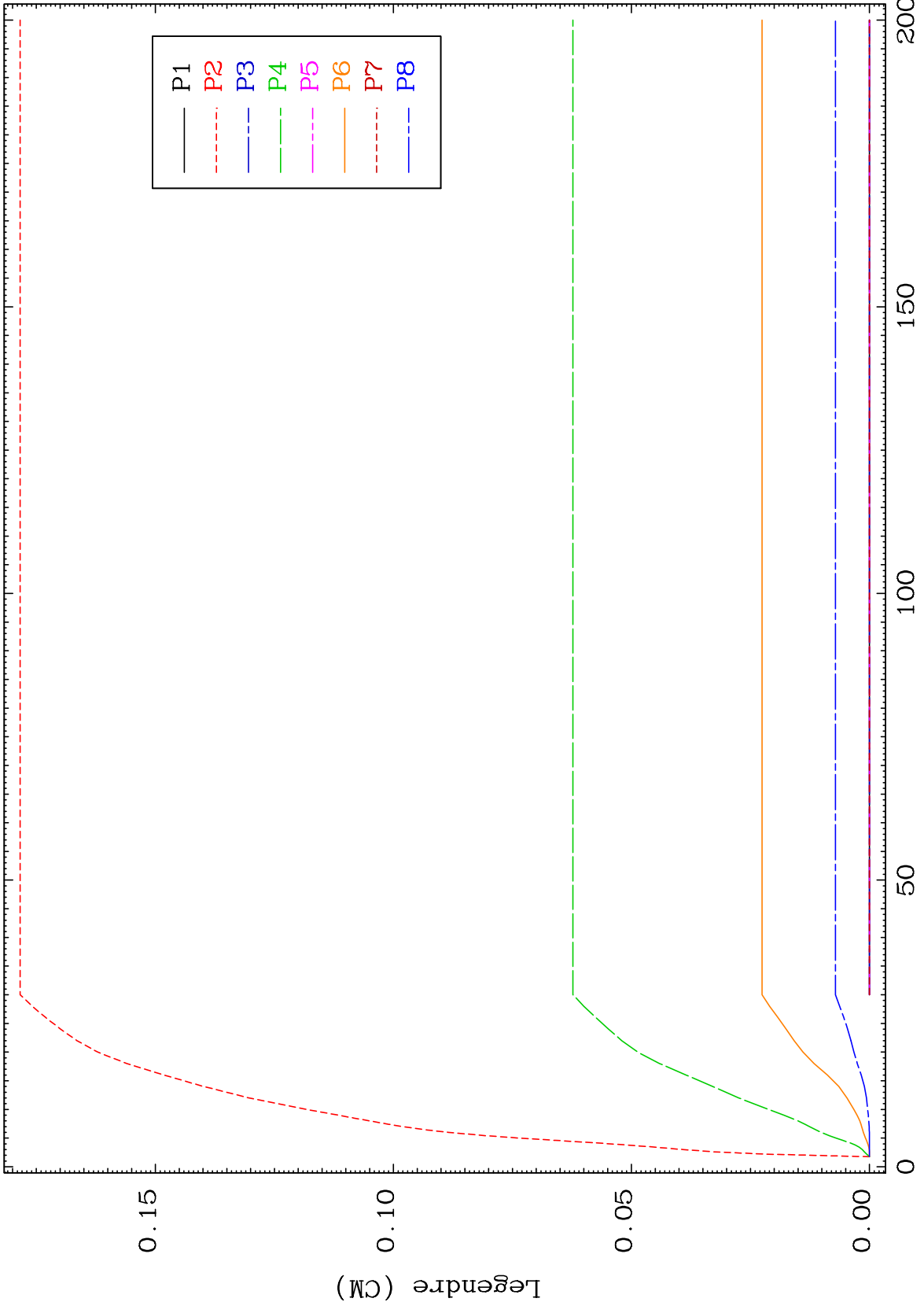
97 29-Cu-66

MAT 2934 MT= 78 (n,n') Level Legendre Coefficients 29-Cu-66



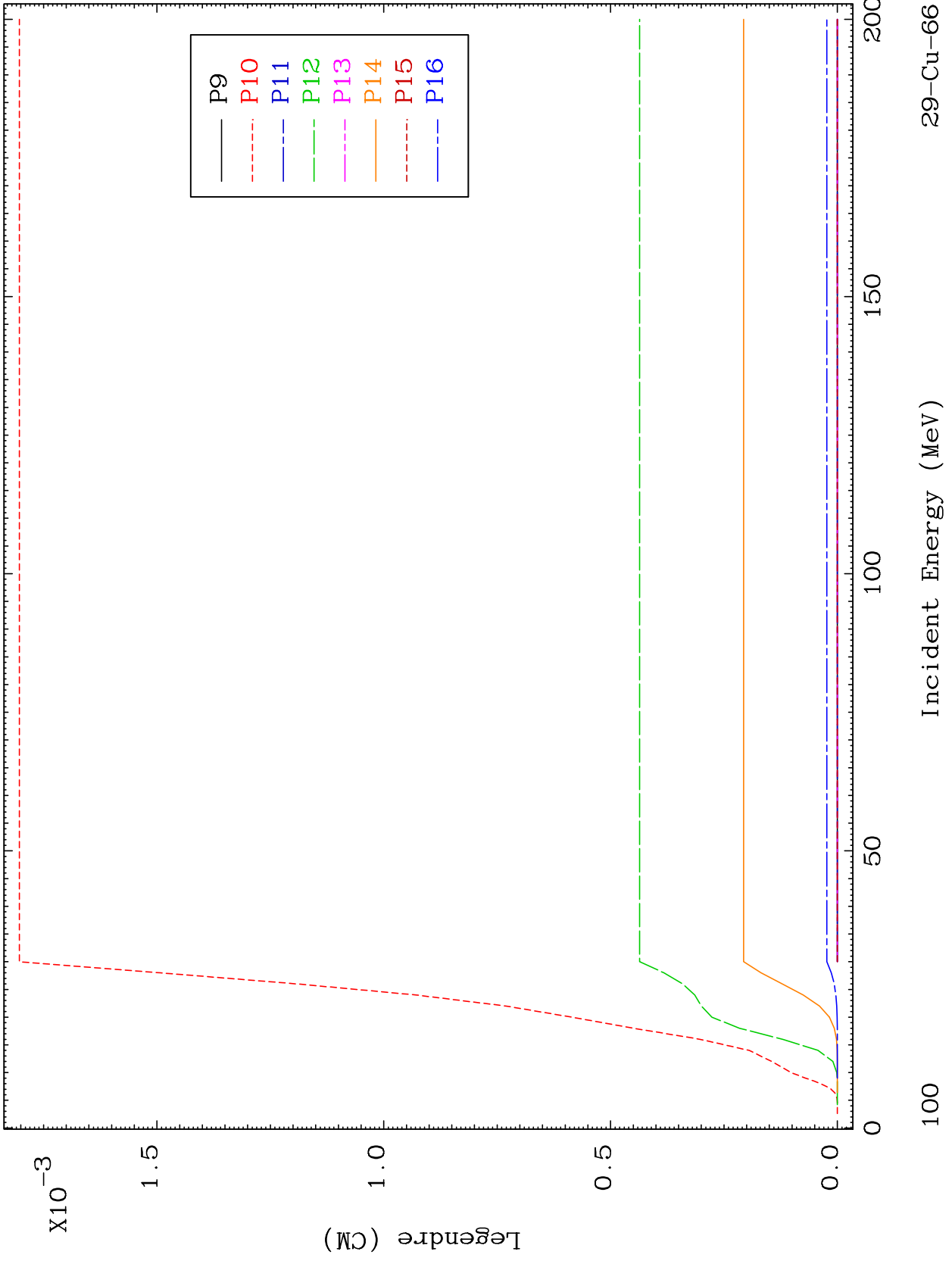
98 50 100 150 200 29-Cu-66

MAT 2934 MT= 79 (n,n') Level Legendre Coefficients 29-Cu-66

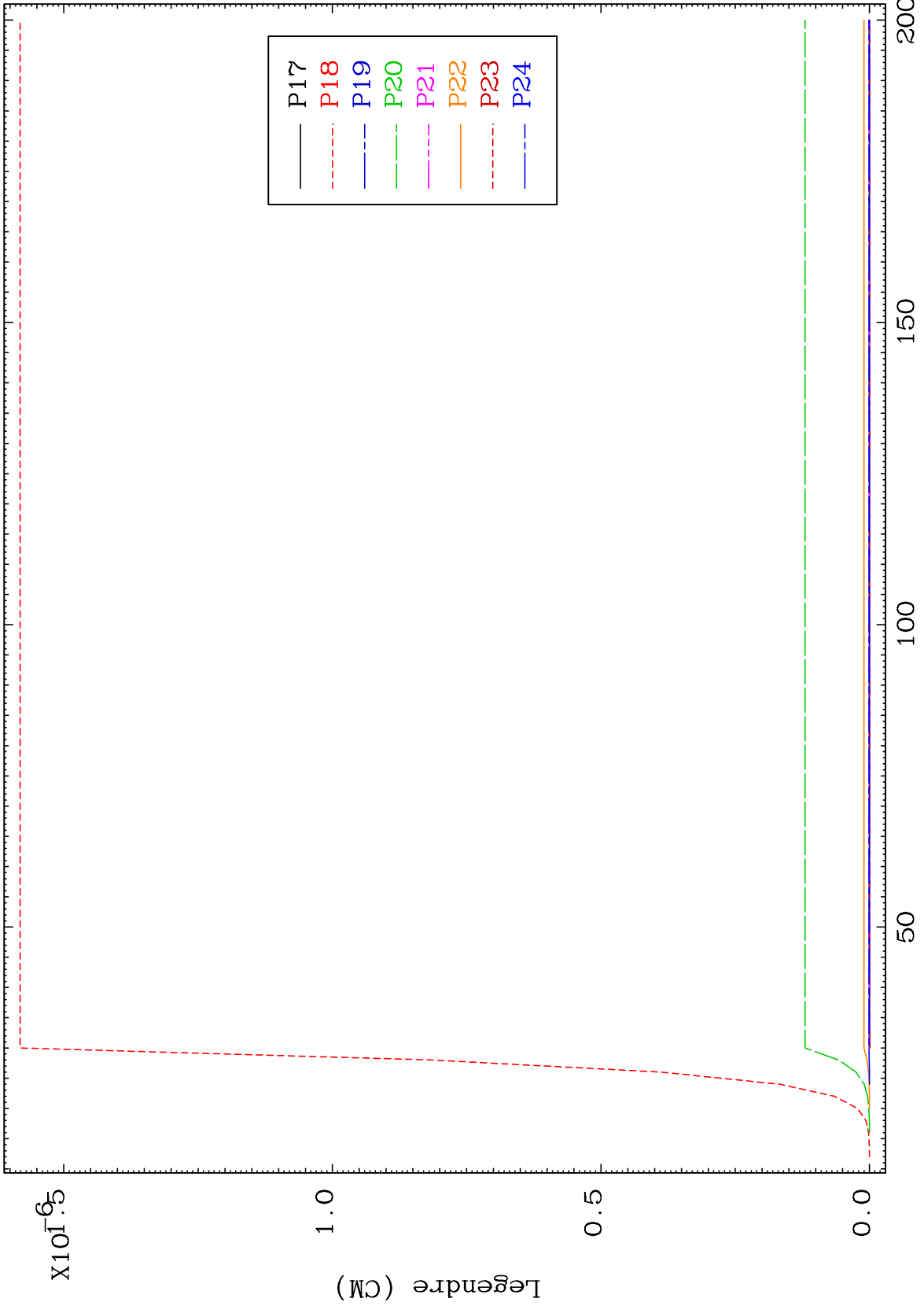


99 Incident Energy (MeV) 29-Cu-66

MAT 2934 MT= 79 (n,n') Level Legendre Coefficients 29-Cu-66

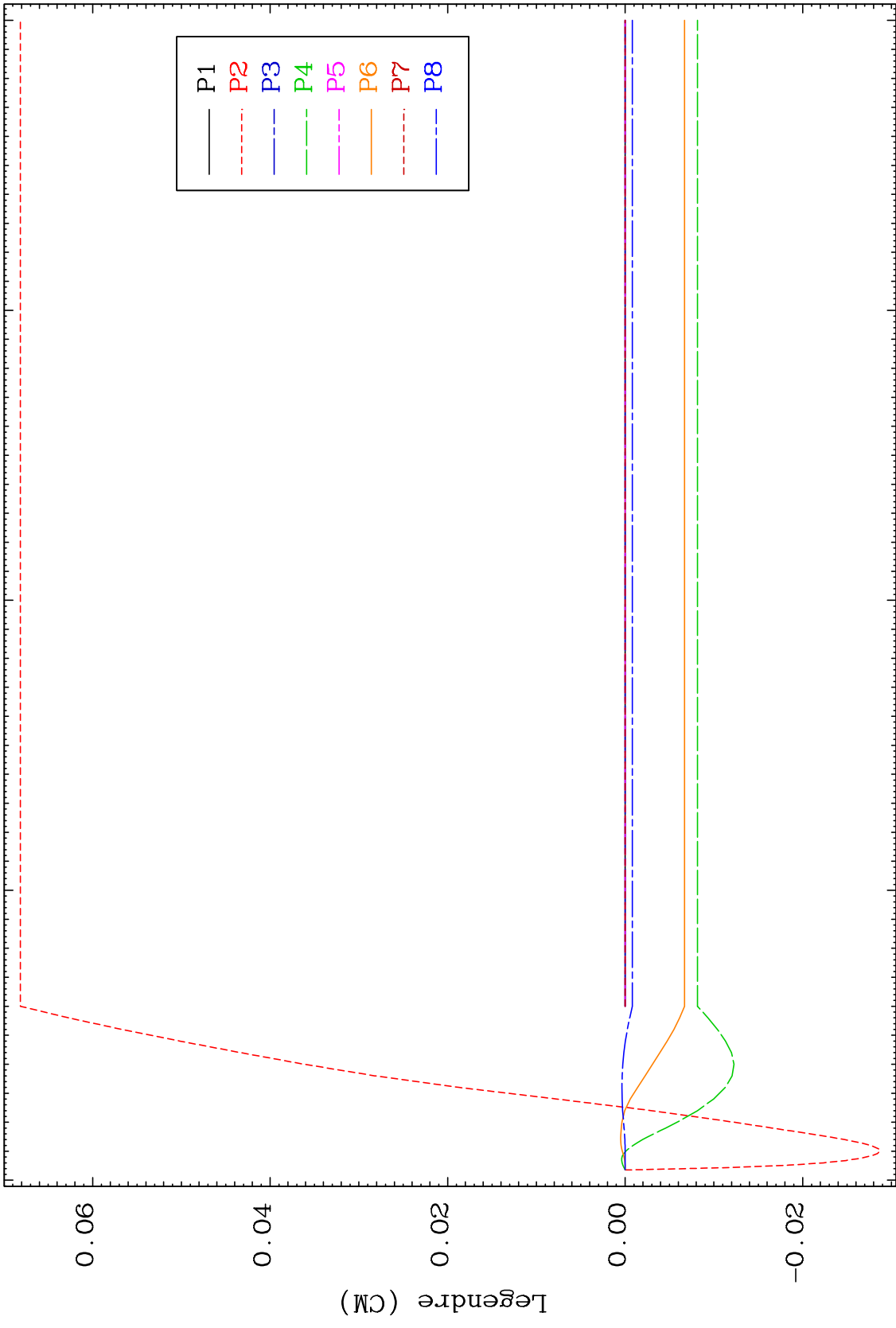


MAT 2934 MT= 79 (n,n') Level Legendre Coefficients 29-Cu-66



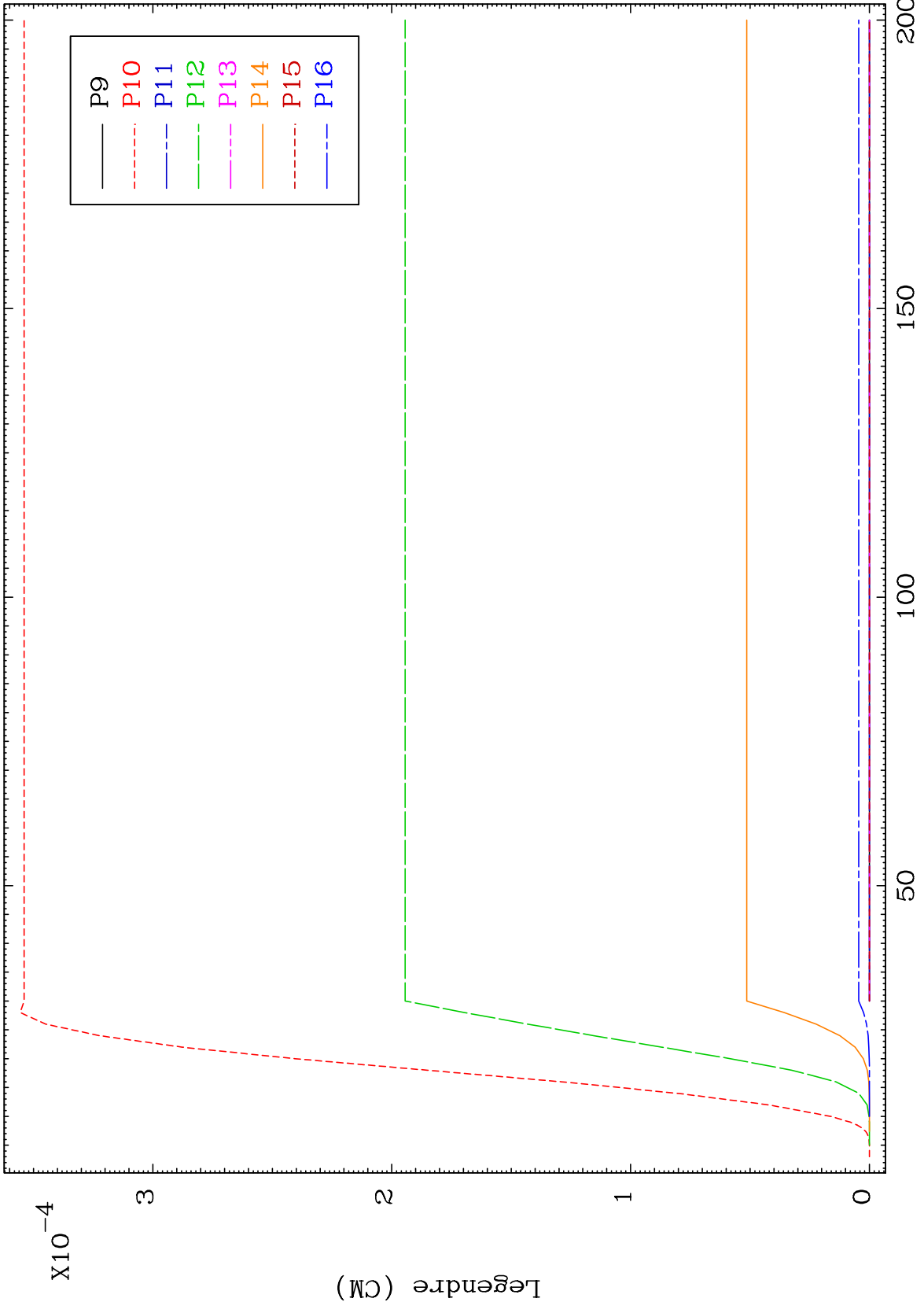
101 Incident Energy (MeV) 200 29-Cu-66

MAT 2934 MT= 80 (n,n') Level Legendre Coefficients 29-Cu-66



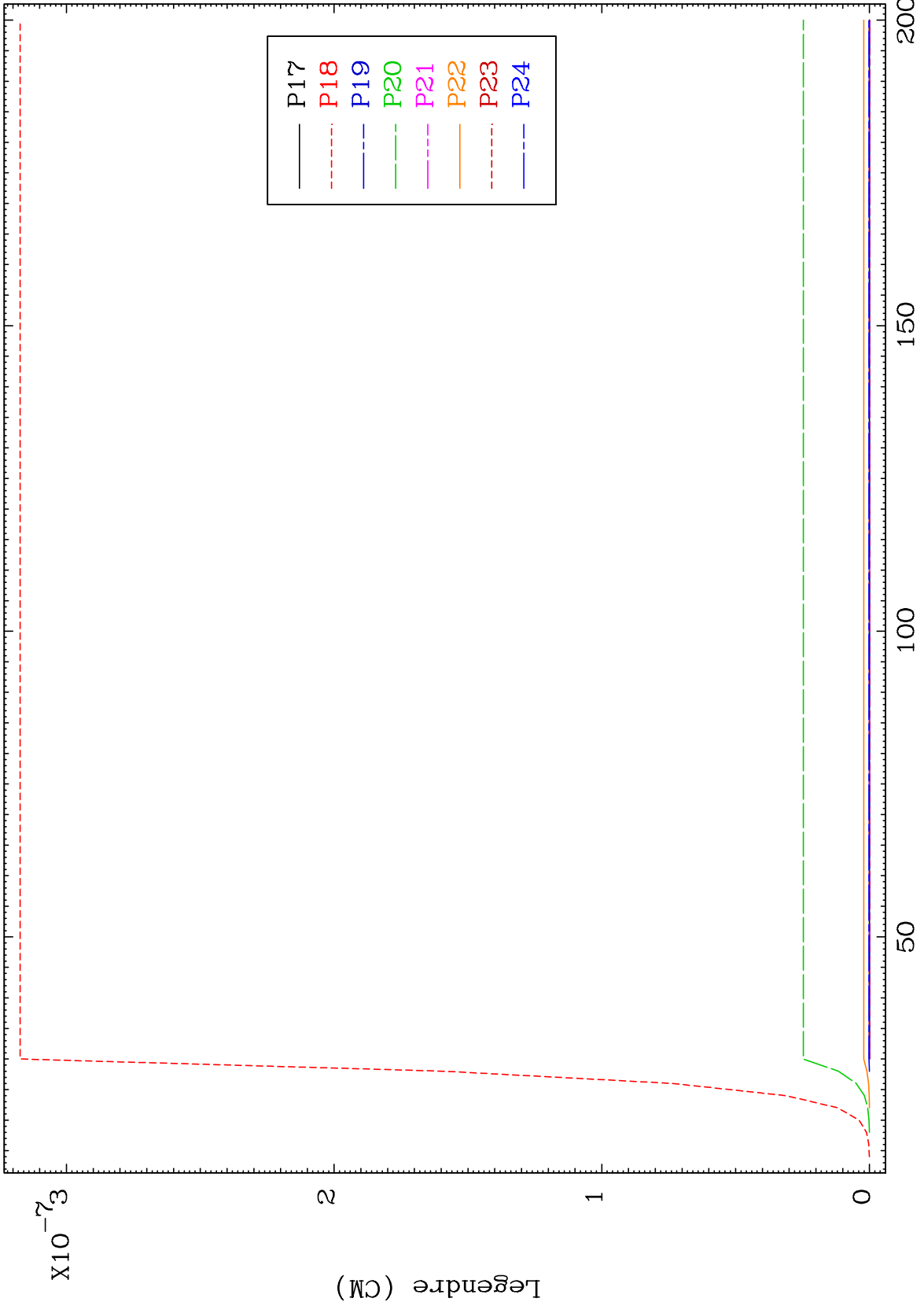
102 Incident Energy (MeV) 29-Cu-66

MAT 2934 MT= 80 (n,n') Level Legendre Coefficients 29-Cu-66



103 50 100 150 200 29-Cu-66

MAT 2934 MT= 80 (n,n') Level Legendre Coefficients 29-Cu-66

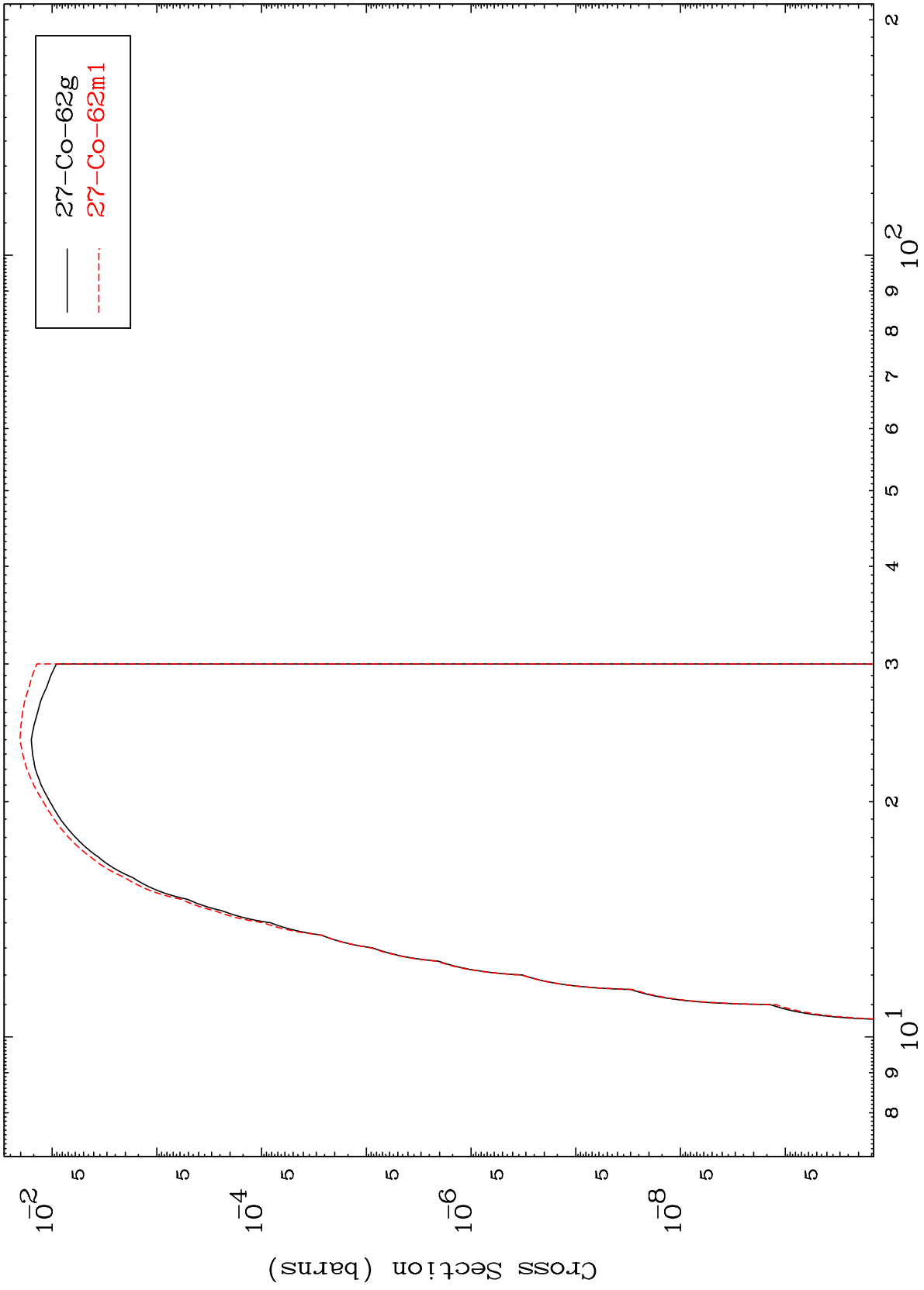


104 50 150 200 Incident Energy (MeV) 29-Cu-66

MAT 2934

29-Cu-66

(n,n') α
Radionuclide Production Cross Section



105

Incident Energy (MeV)

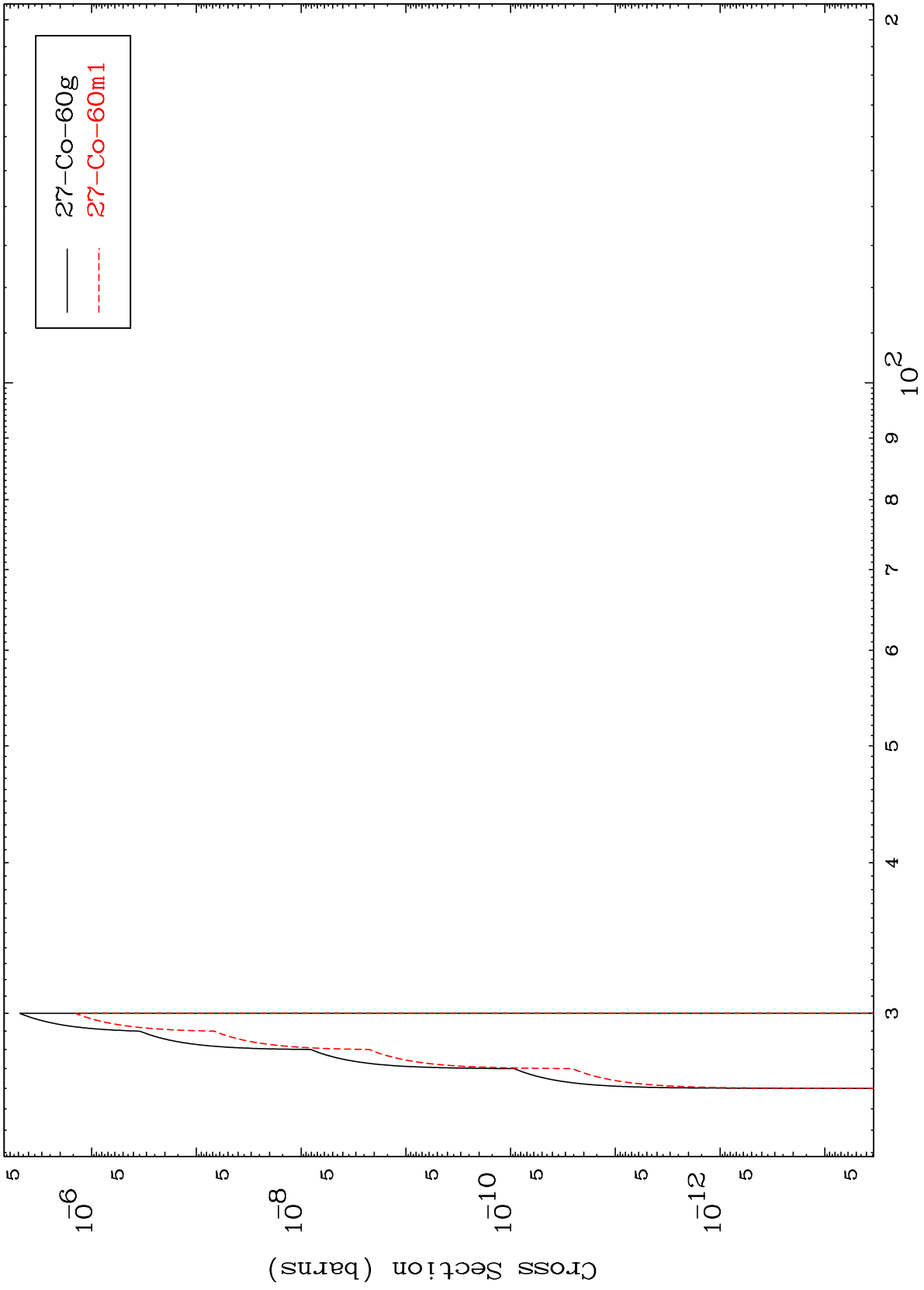
29-Cu-66

MAT 2934

(n,3n) α

²⁹Cu-66

Radionuclide Production Cross Section



106

Incident Energy (MeV)

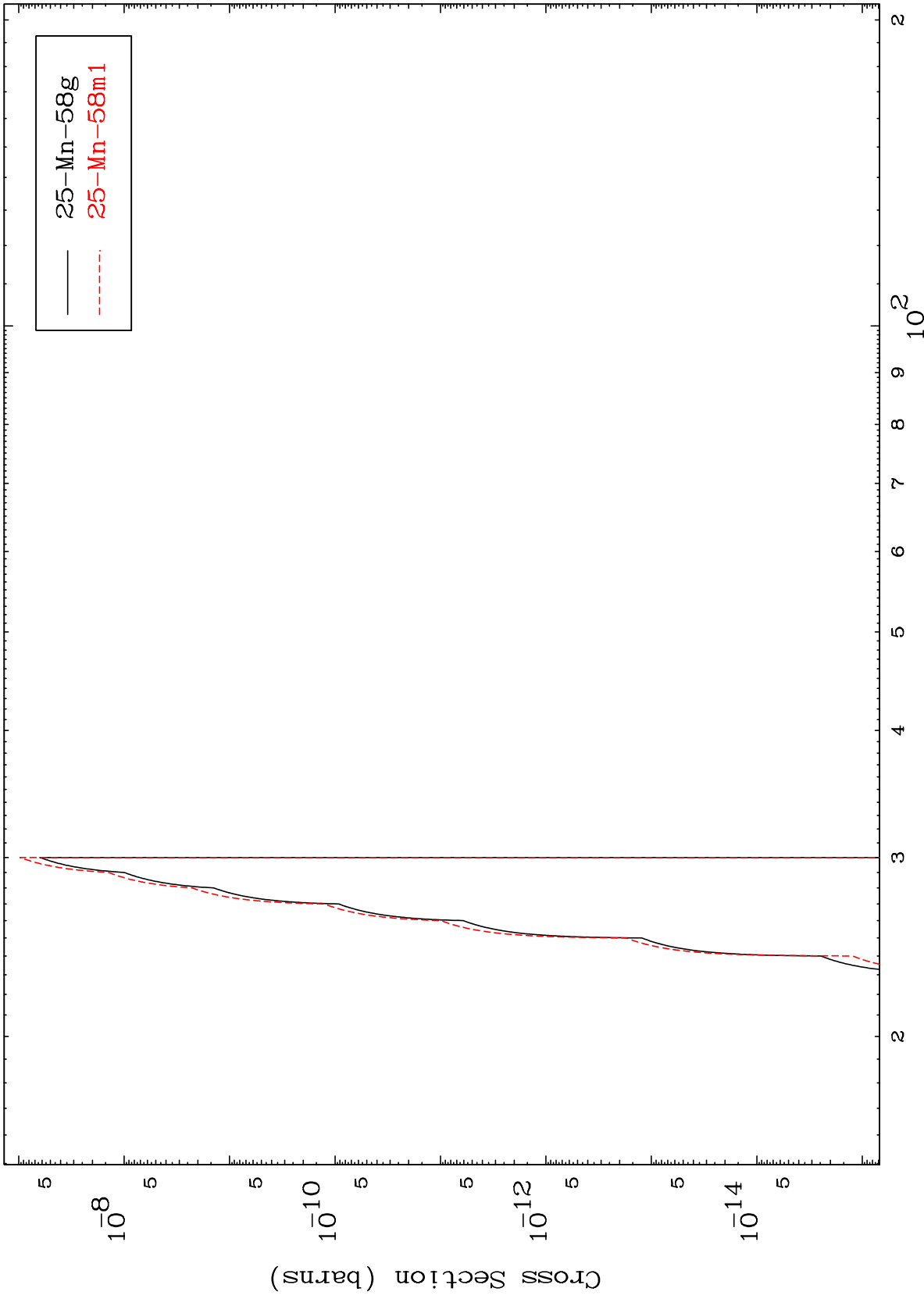
²⁹Cu-66

MAT 2934

(n,n') 2 α

29-Cu-66

Radionuclide Production Cross Section



107

Incident Energy (MeV)

29-Cu-66