

Program EVALPLOT
(Version 2018-1)

by

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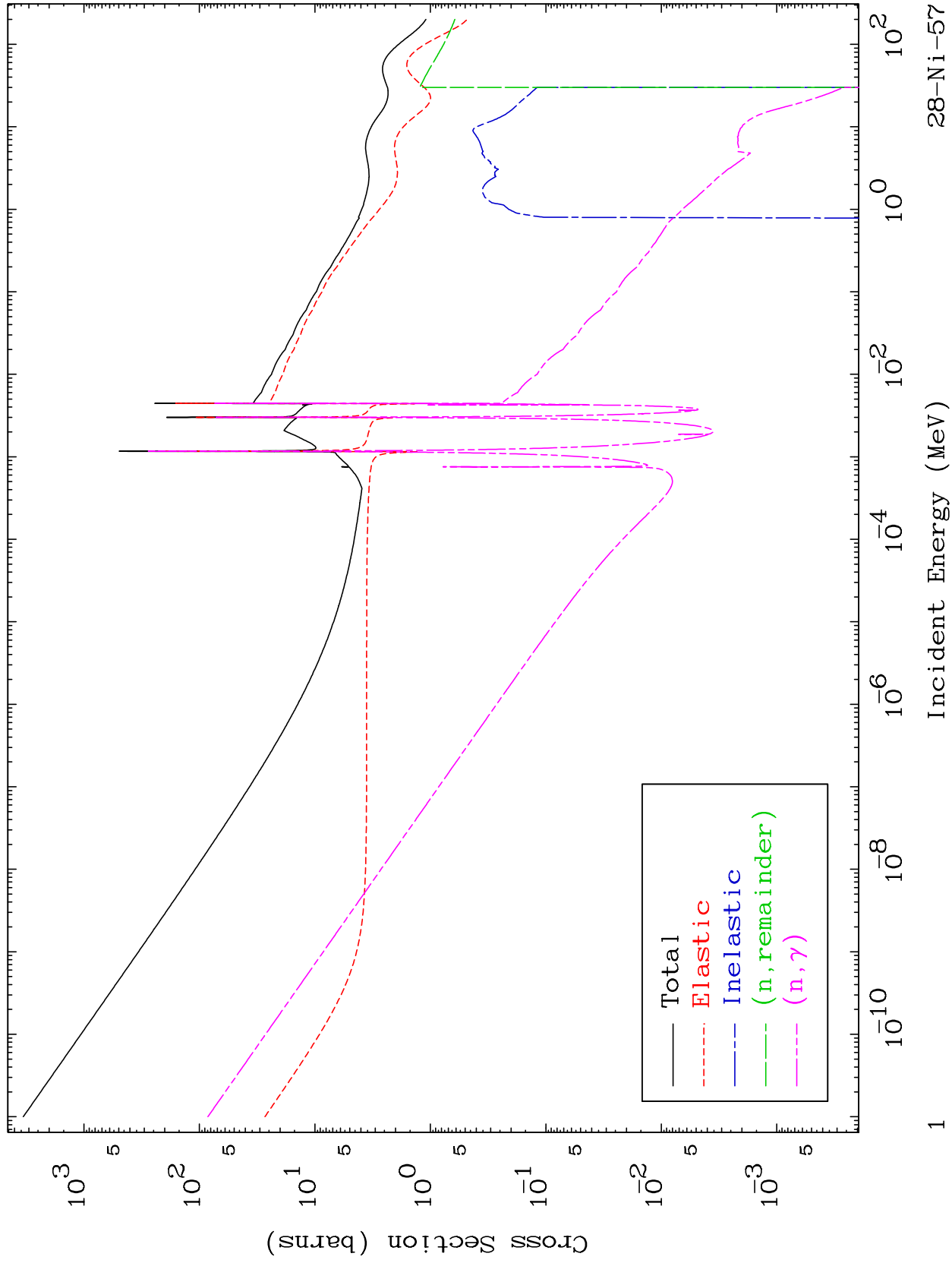
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2822

Major
293 Kelvin Cross Sections

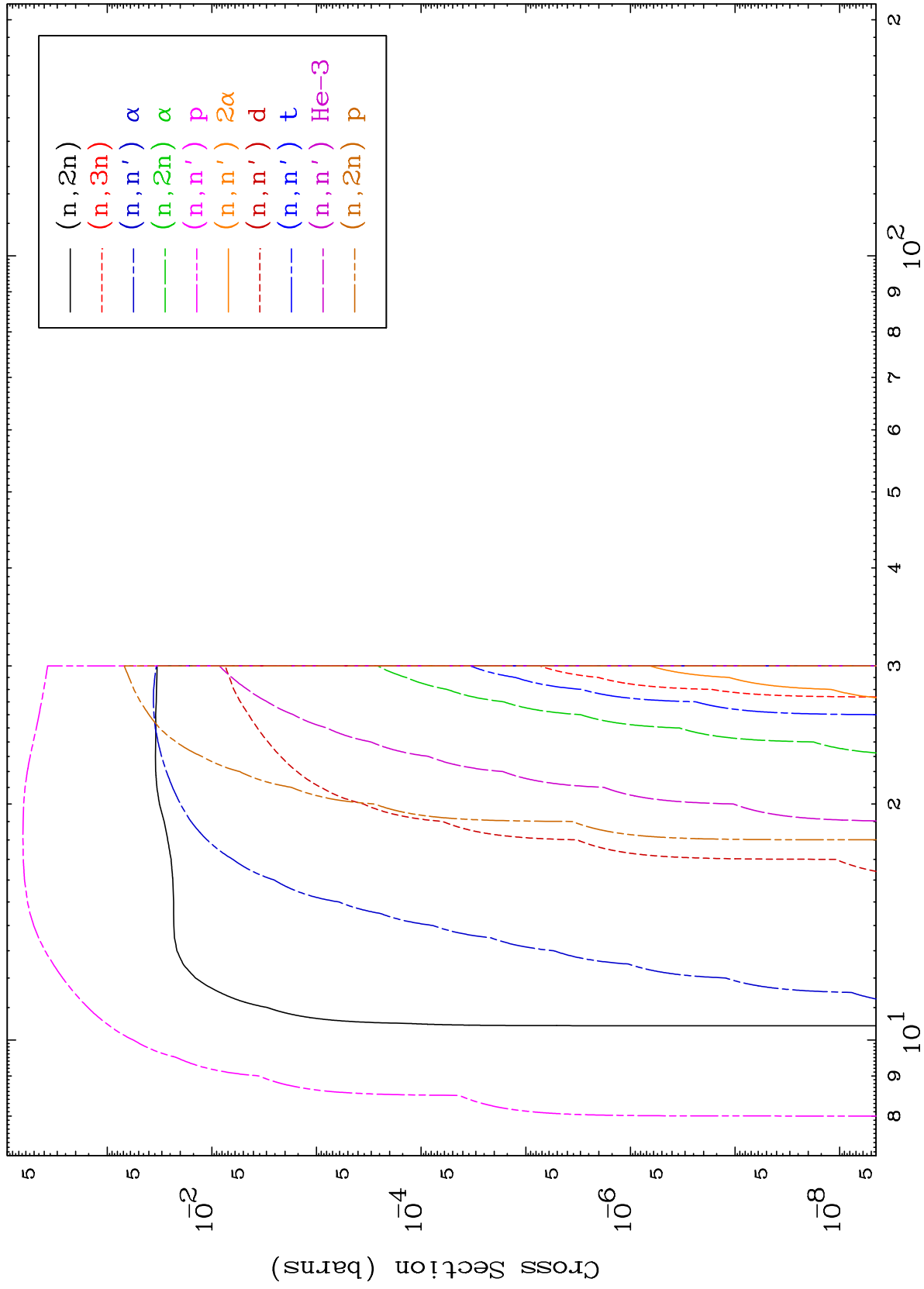
28-Ni-57



MAT 2822

Neutron Production
293 Kelvin Cross Sections

28-Ni-57



2

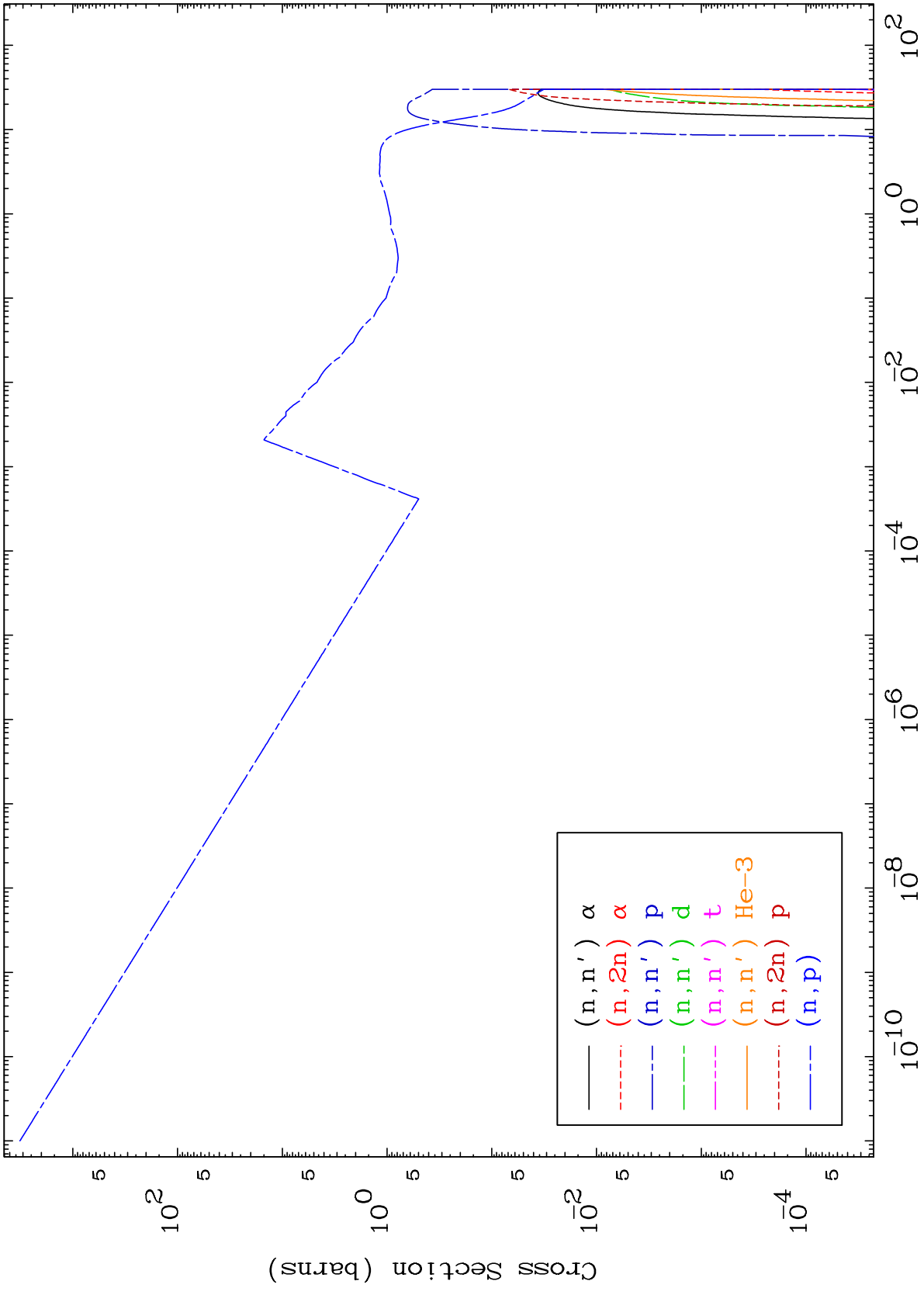
Incident Energy (MeV)

28-Ni-57

MAT 2822

Charged Particle
293 Kelvin Cross Sections

28-Ni-57

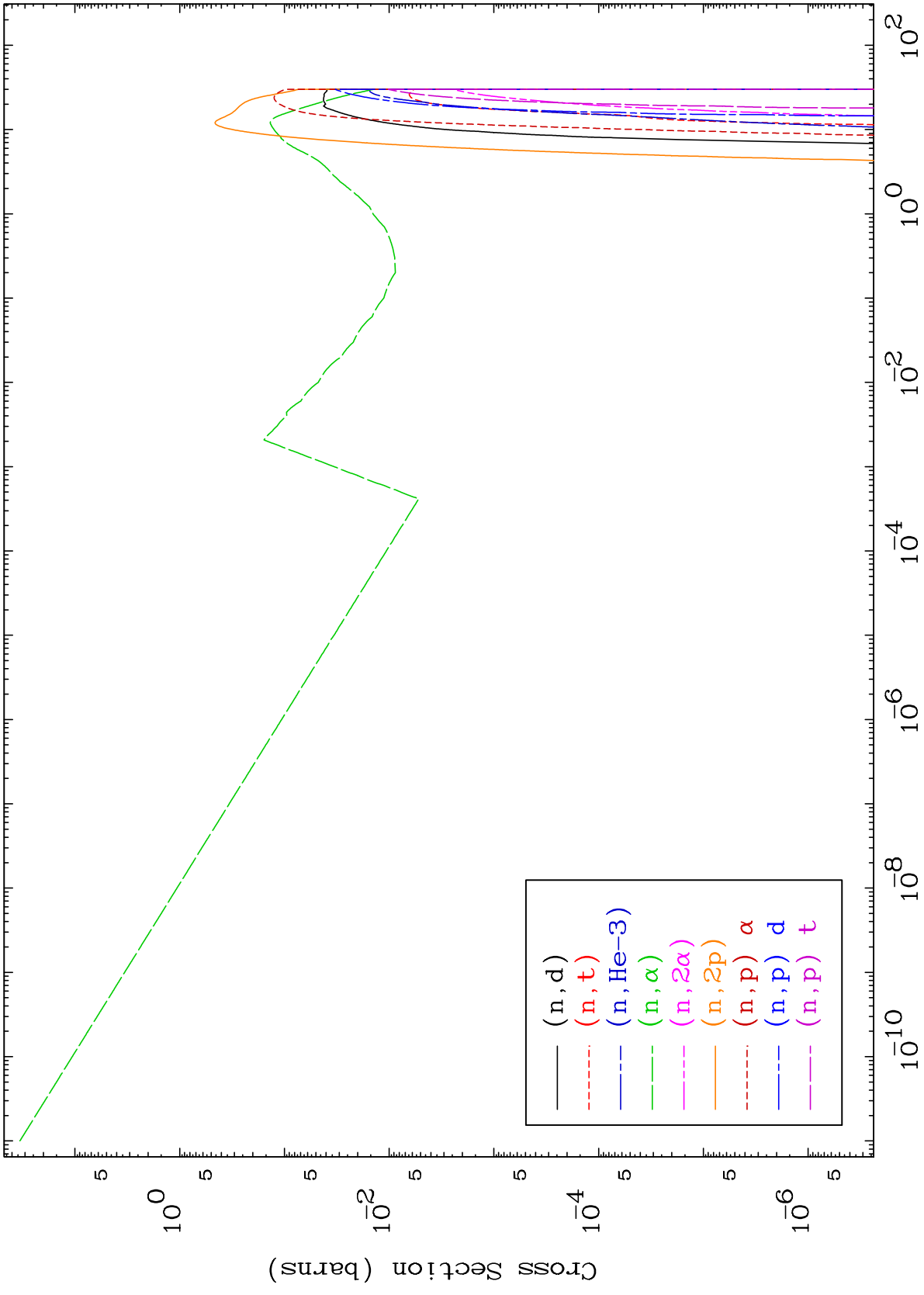


28-Ni-57

MAT 2822

Charged Particle
293 Kelvin Cross Sections

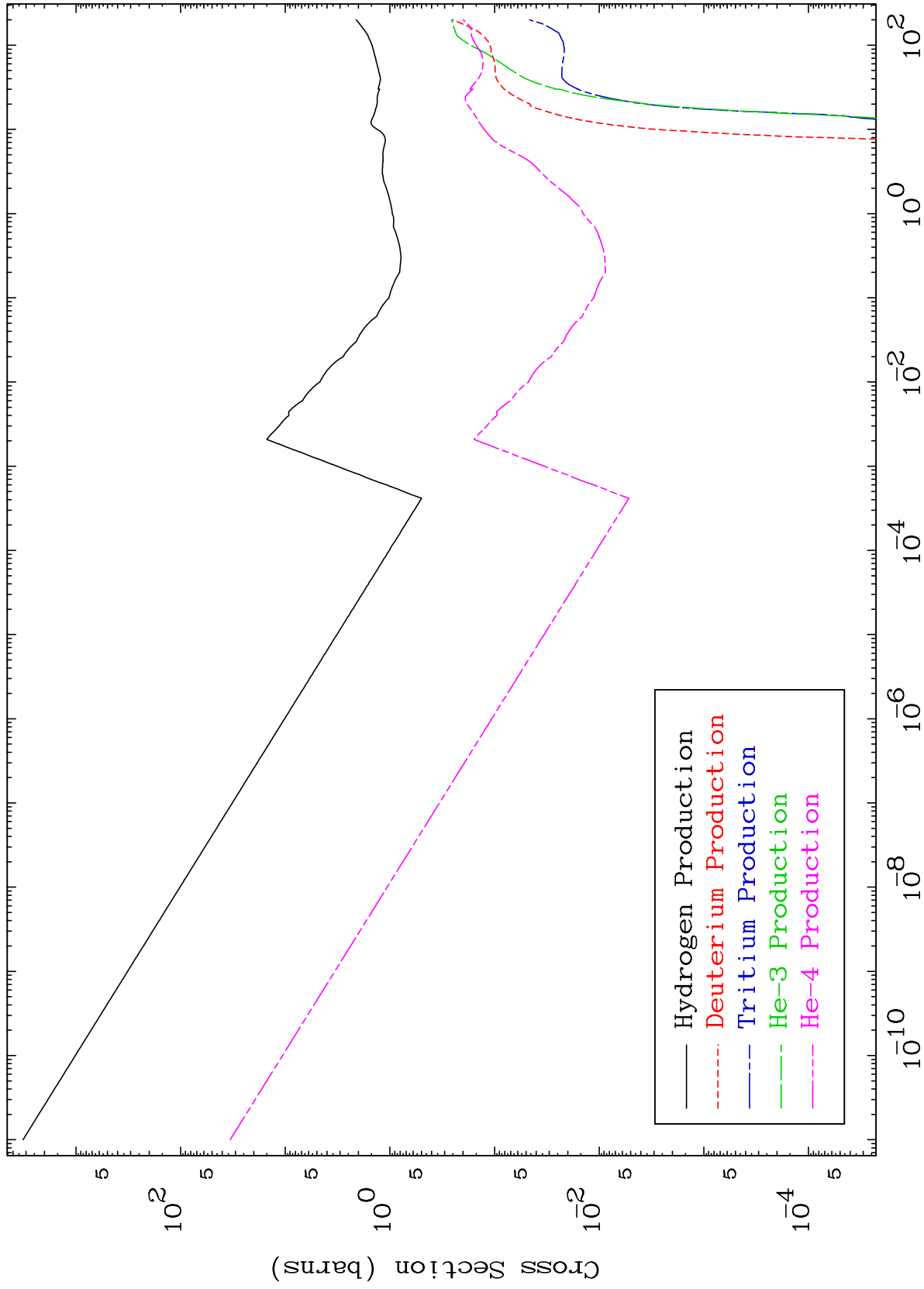
28-Ni-57



MAT 2822

Particle Production
293 Kelvin Cross Sections

28-Ni-57



5

Incident Energy (MeV)

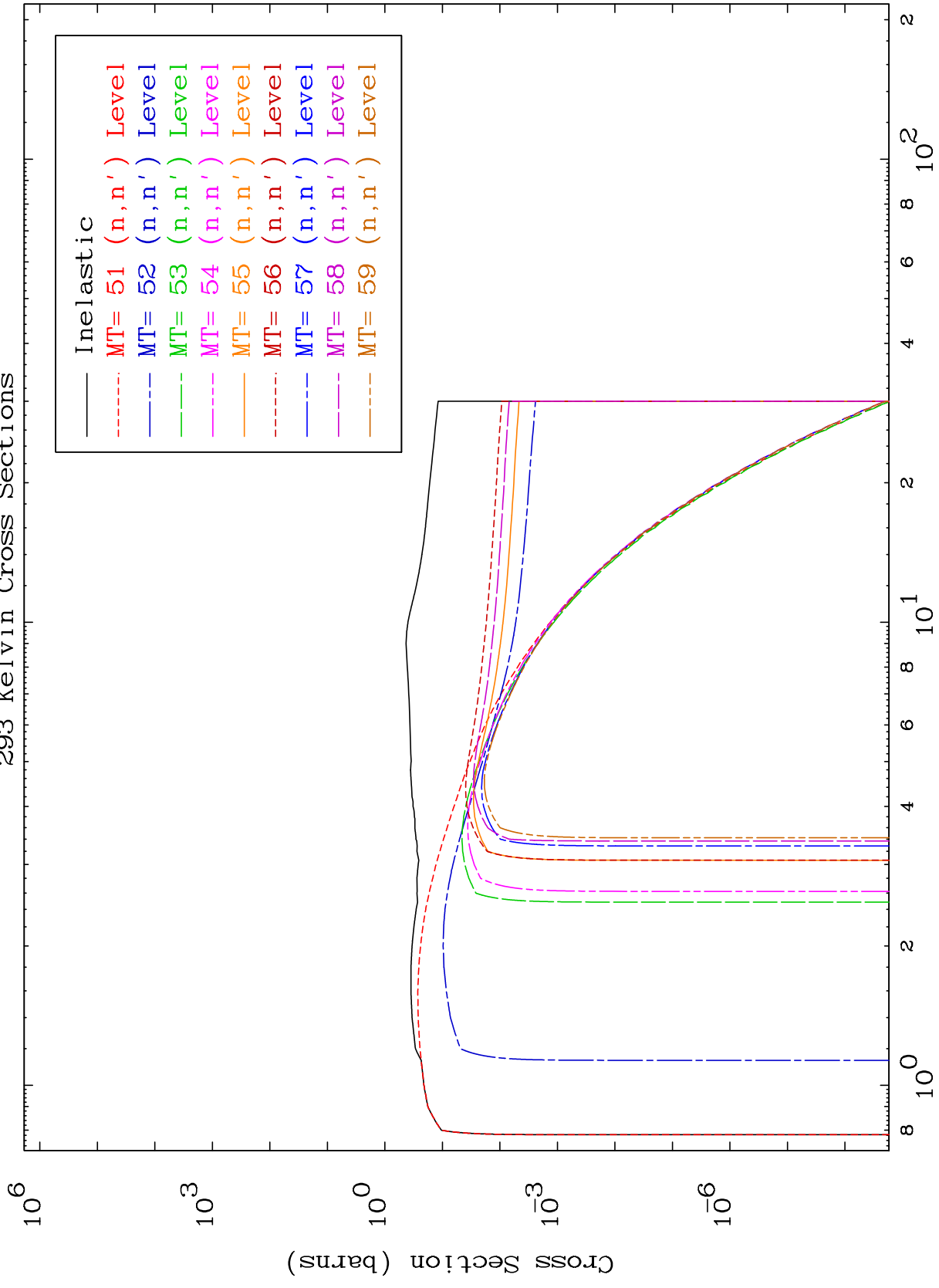
28-Ni-57

MAT 2822

(n,n') Level

28-Ni-57

293 Kelvin Cross Sections



Incident Energy (MeV)

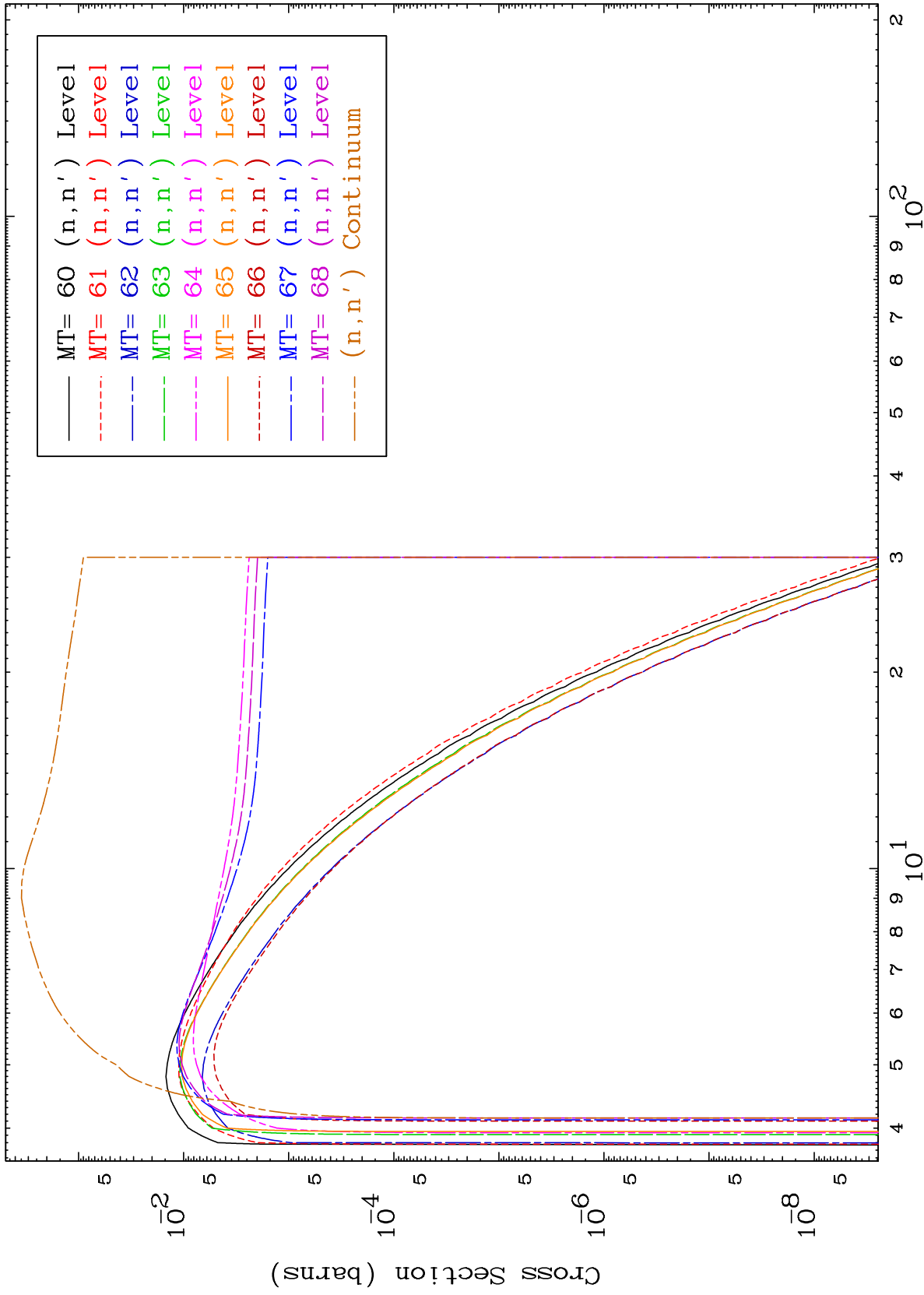
28-Ni-57

6

MAT 2822

(n,n') Level
293 Kelvin Cross Sections

28-Ni-57



7

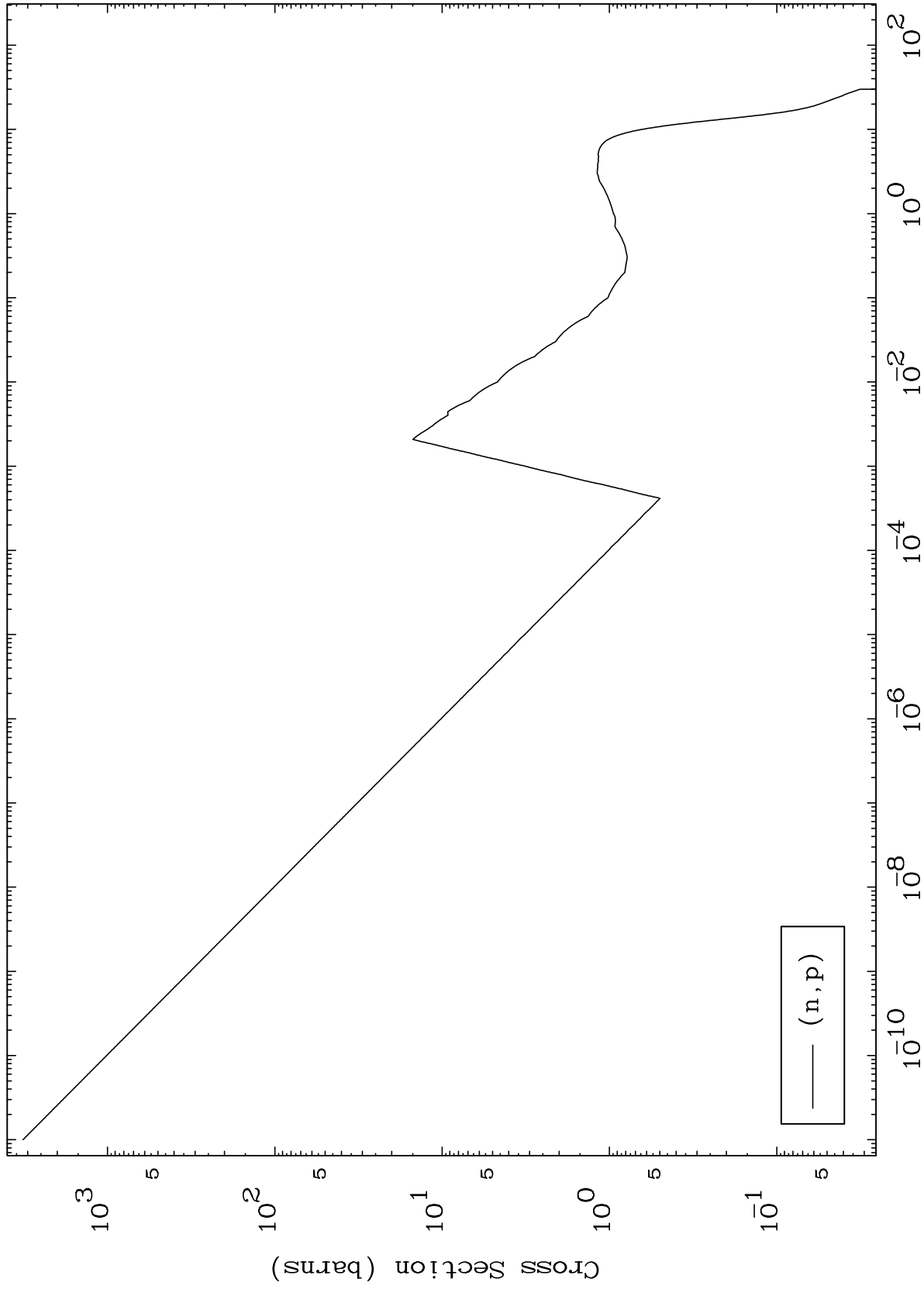
Incident Energy (MeV)

28-Ni-57

MAT 2822

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-57

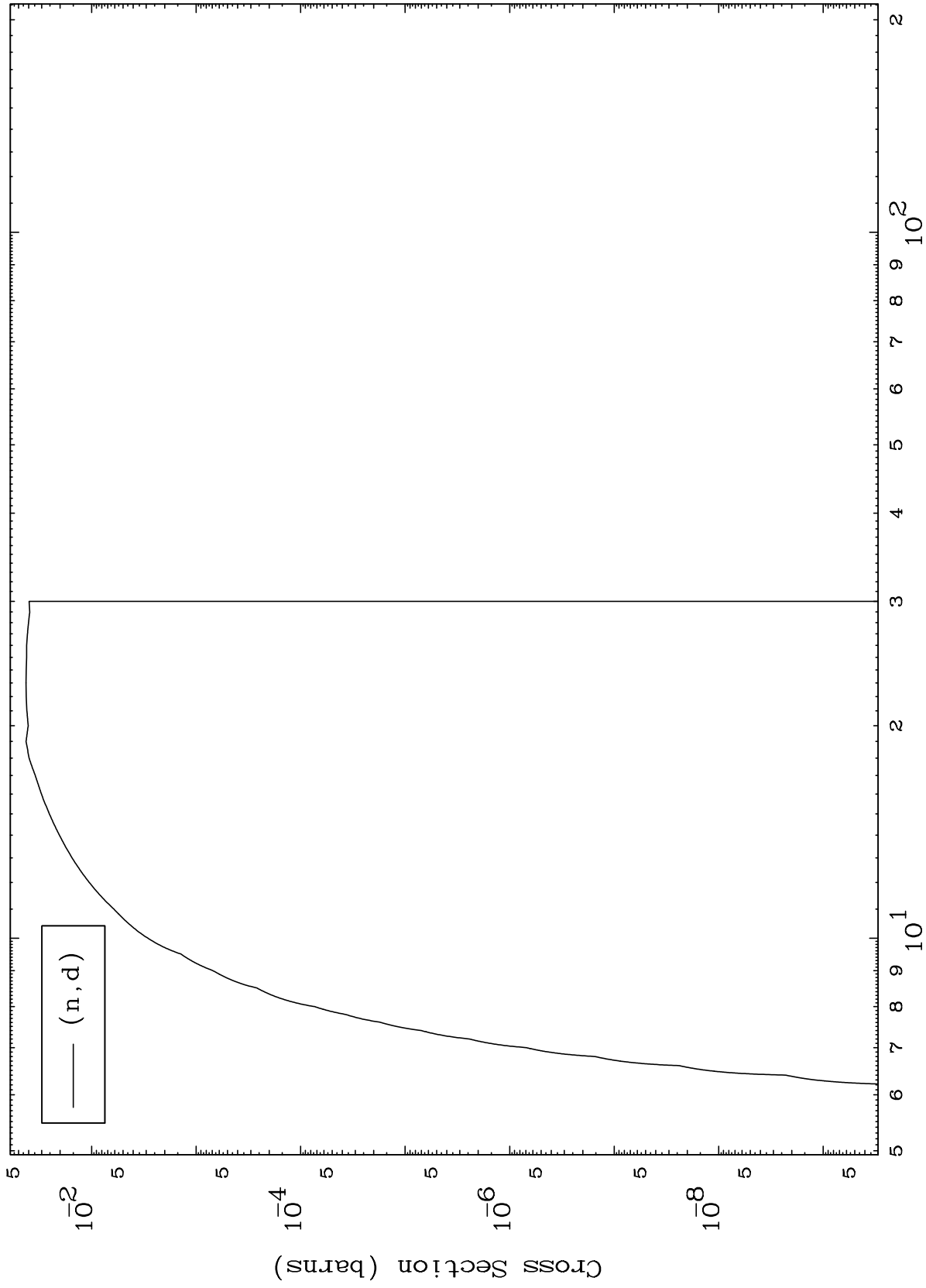


(n,p)

MAT 2822

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-57



9

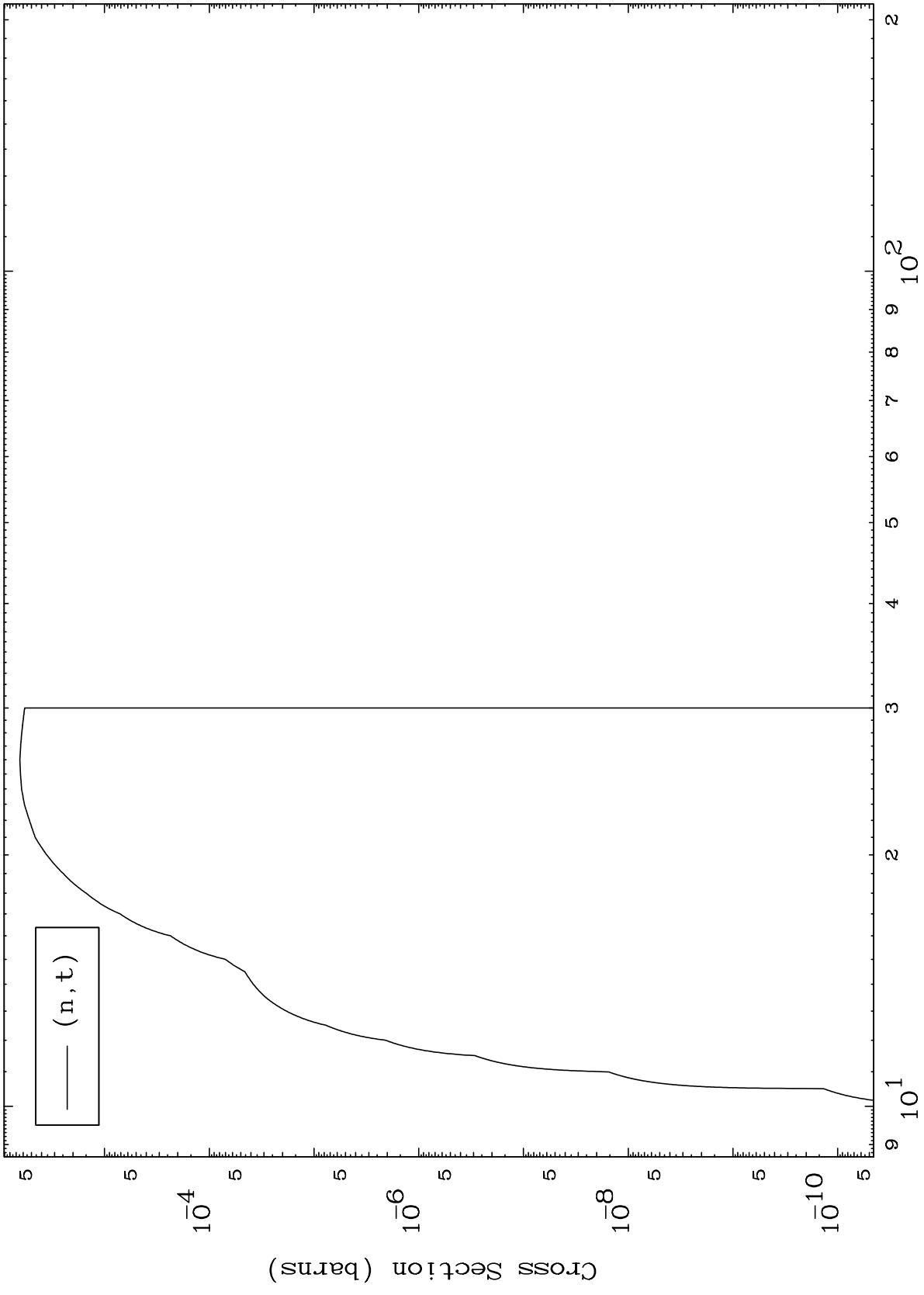
Incident Energy (MeV)

28-Ni-57

MAT 2822

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-57



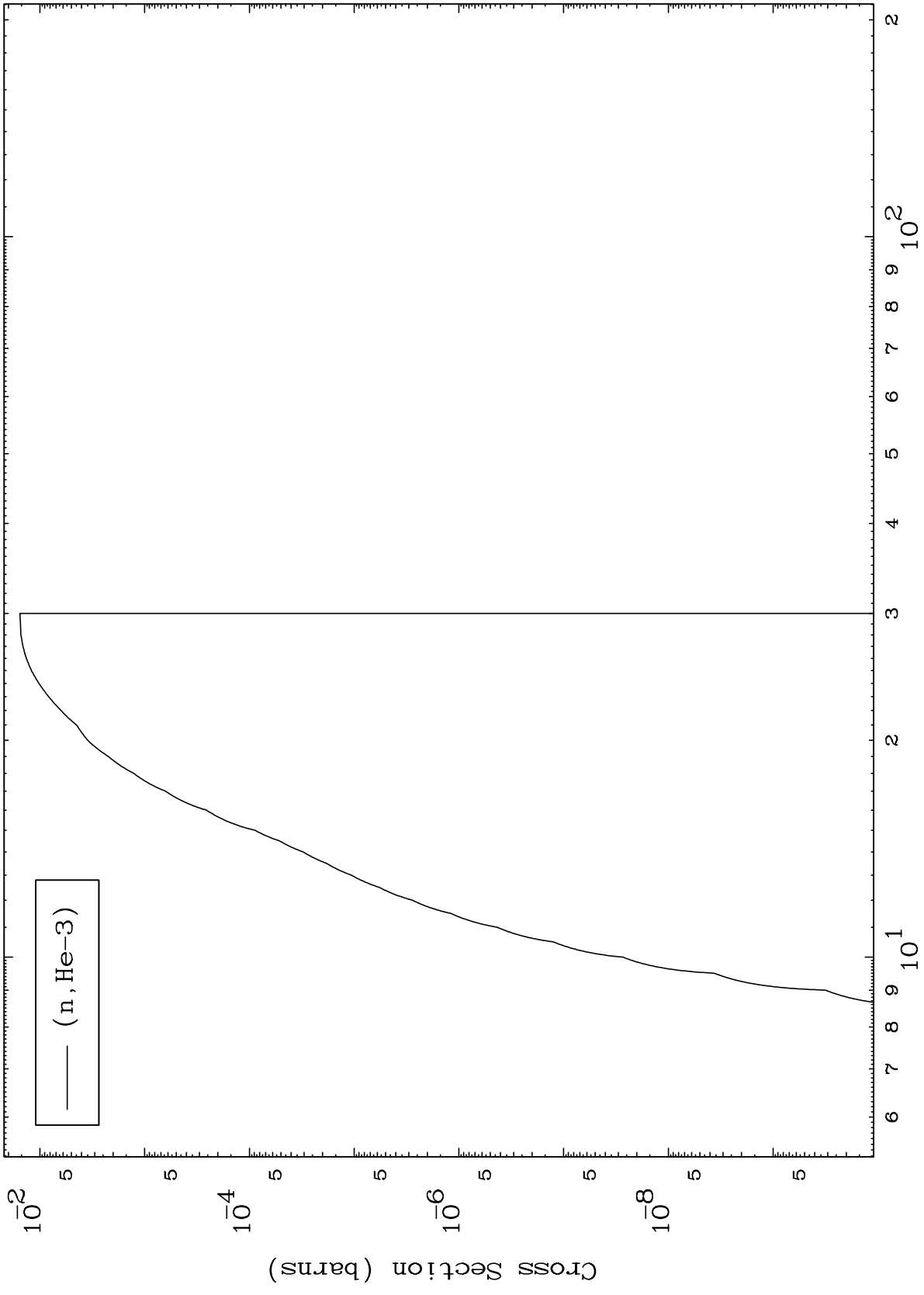
Incident Energy (MeV)

28-Ni-57

MAT 2822

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-57



11

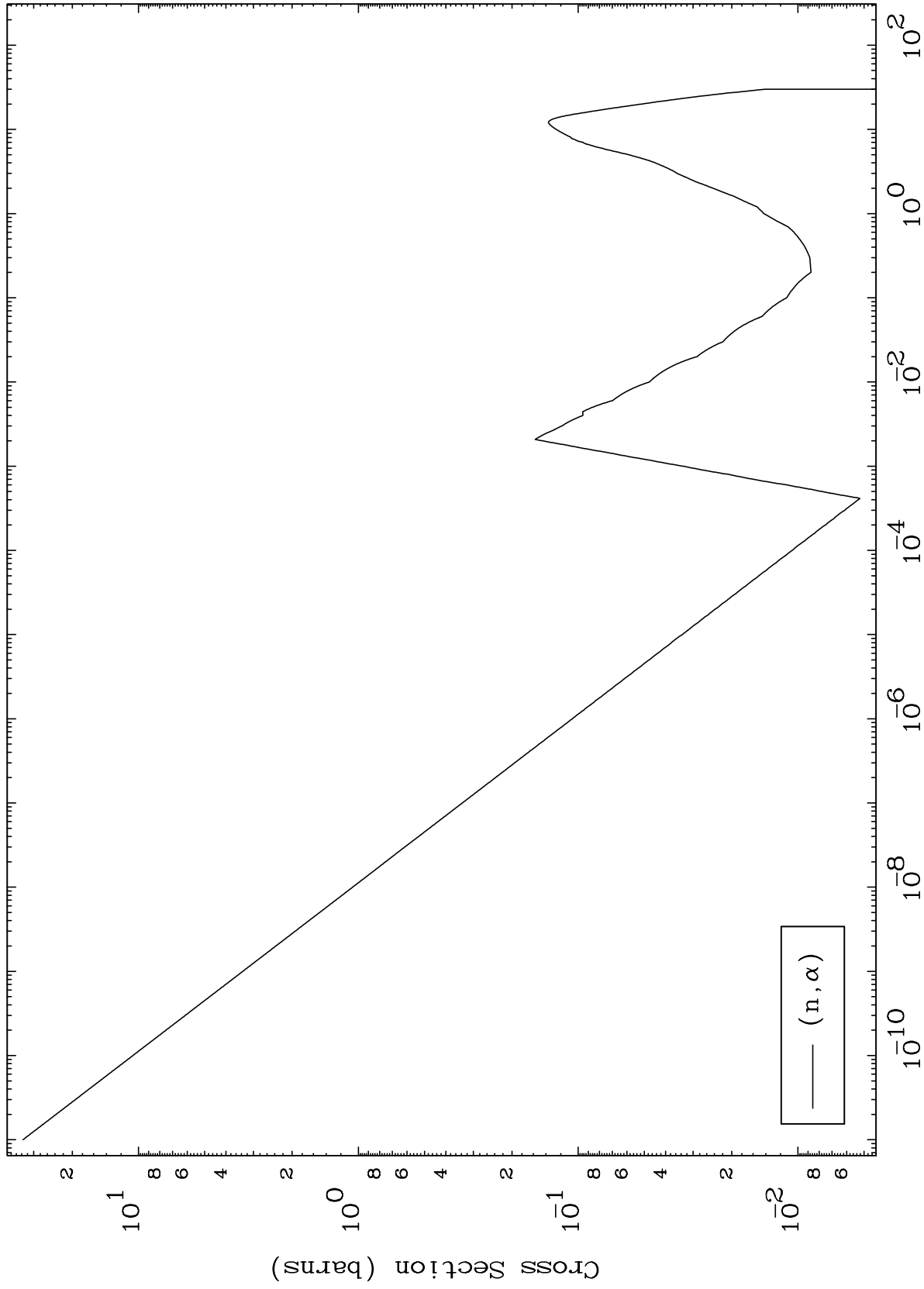
Incident Energy (MeV)

28-Ni-57

MAT 2822

(n, α) Levels
293 Kelvin Cross Sections

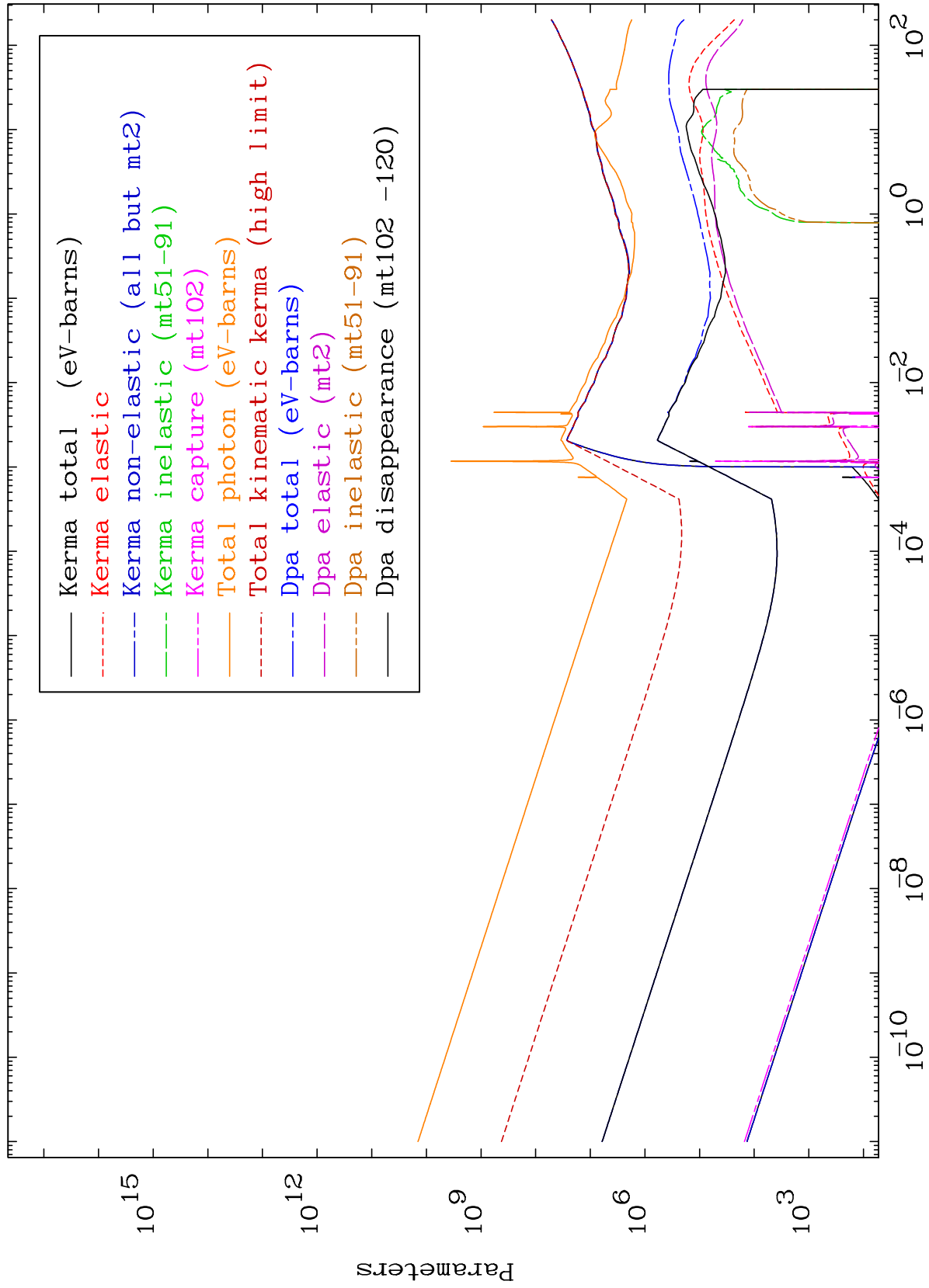
28-Ni-57



12

Incident Energy (MeV)

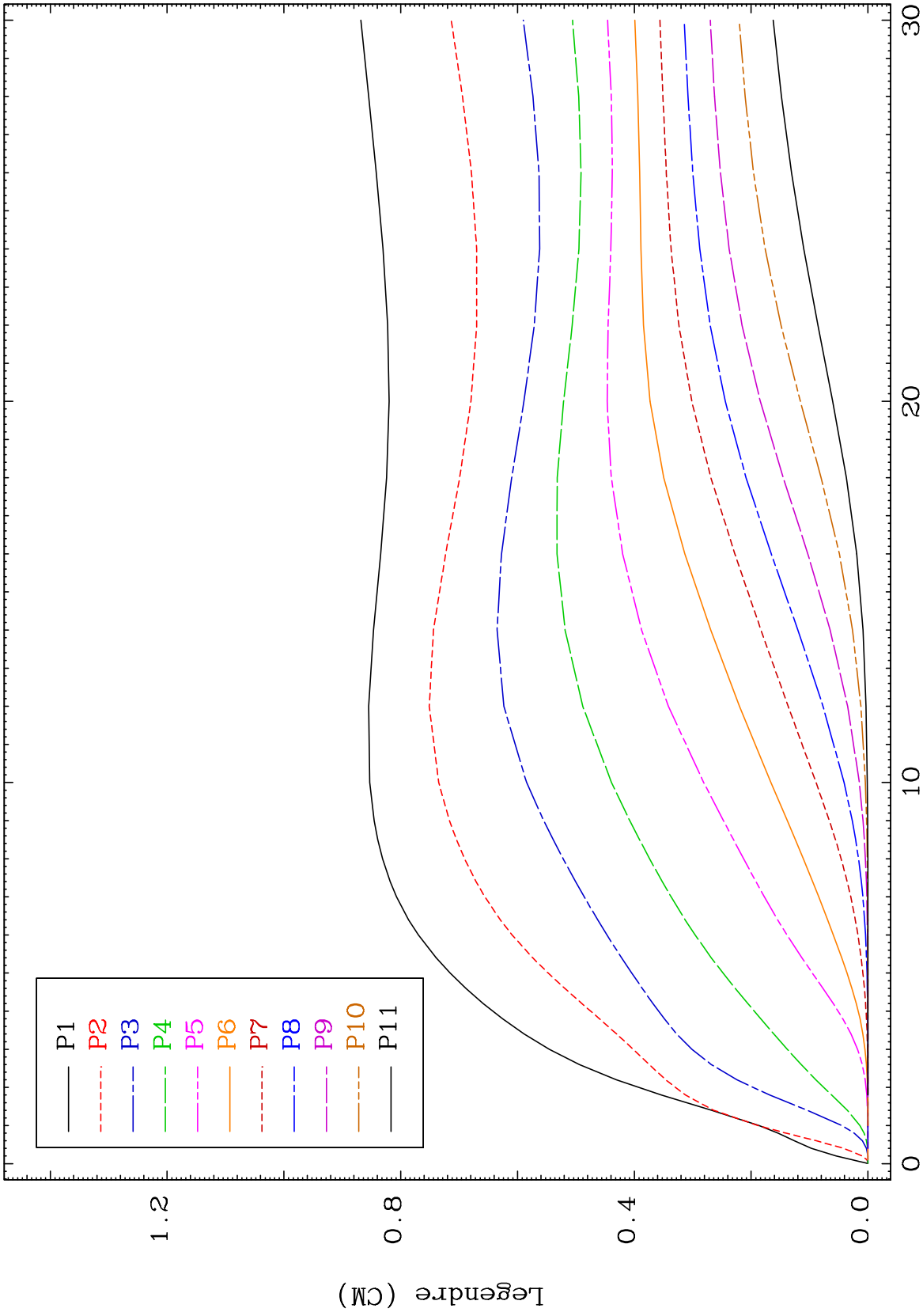
28-Ni-57



MAT 2822

Elastic Legendre Coefficients

28-Ni-57



14

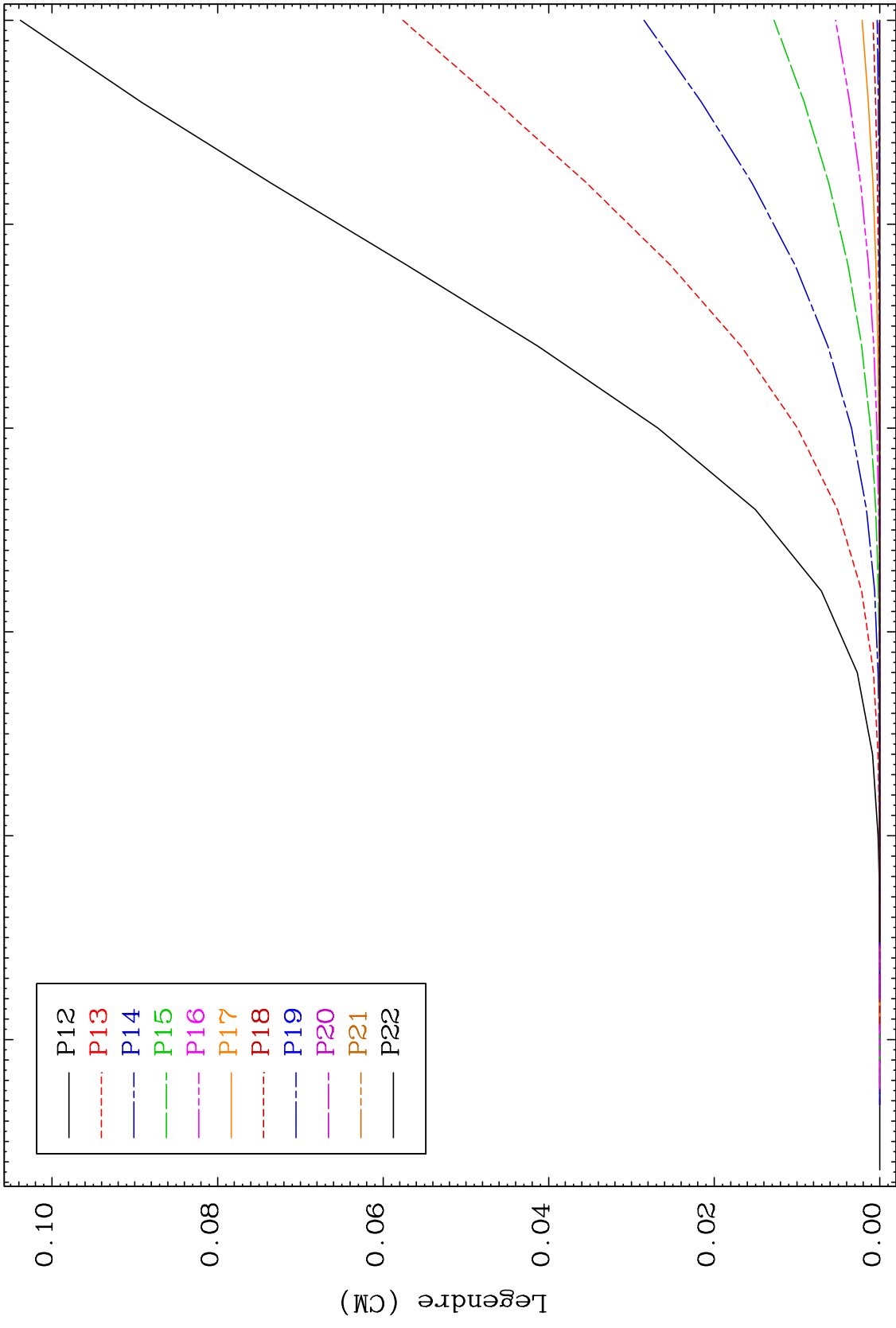
Incident Energy (MeV)

28-Ni-57

MAT 2822

Elastic Legendre Coefficients

²⁸Ni-57



15

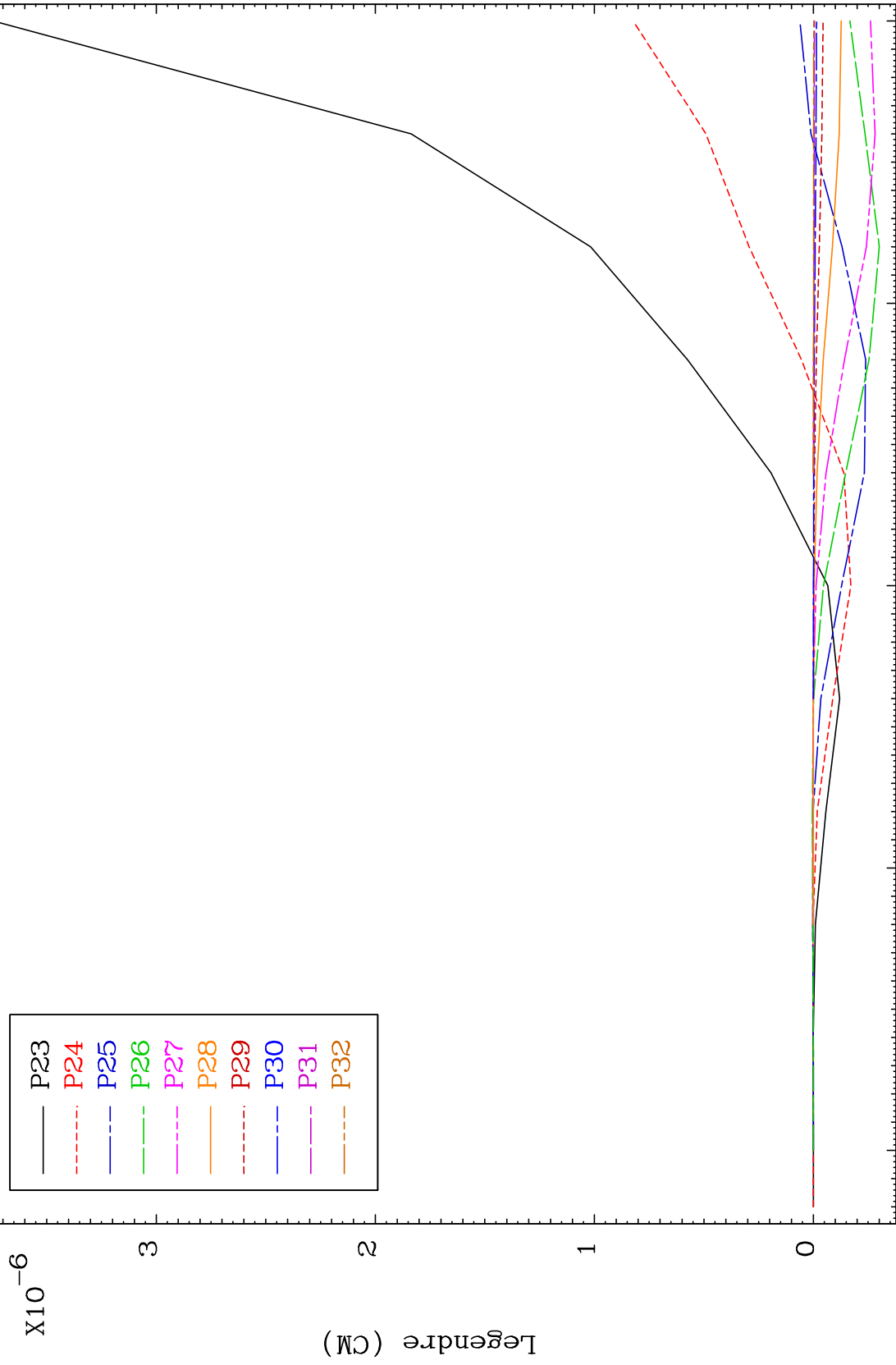
Incident Energy (MeV)

²⁸Ni-57

MAT 2822

Elastic Legendre Coefficients

28-Ni-57

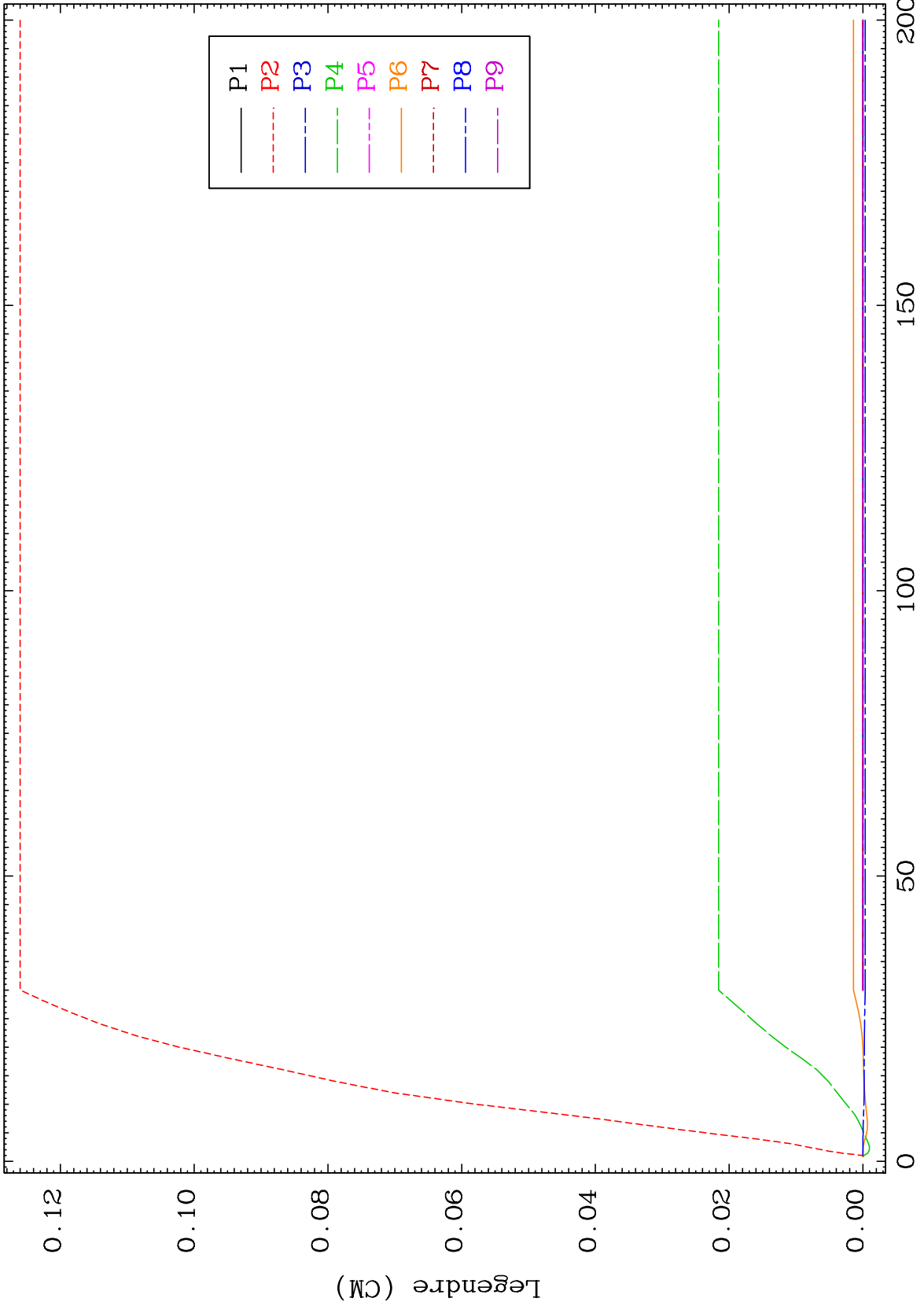


28-Ni-57

Incident Energy (MeV)

16

MAT 2822 MT= 51 (n,n') Level Legendre Coefficients 28-Ni-57

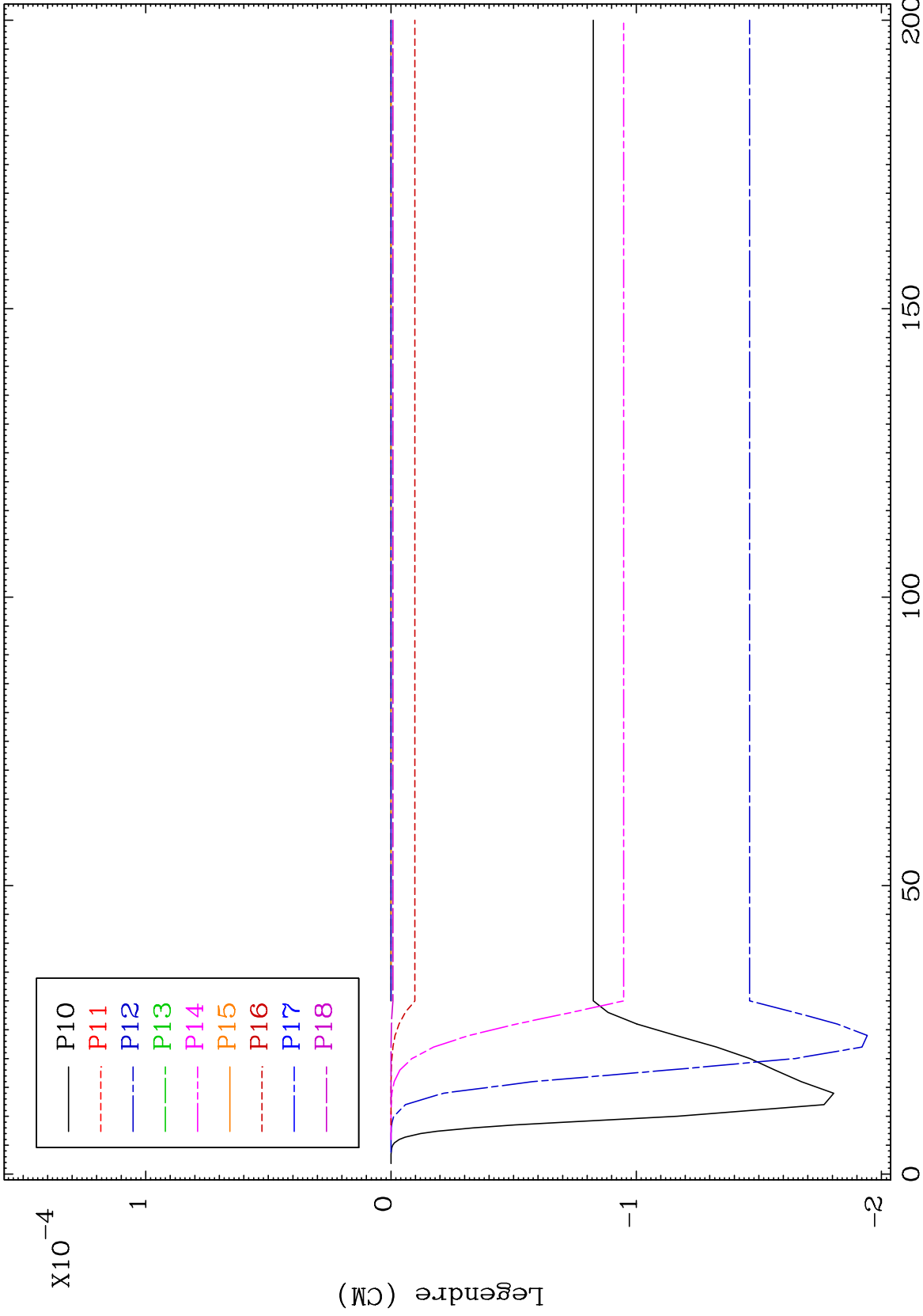


17 28-Ni-57

MAT 2822

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

28-Ni-57



18

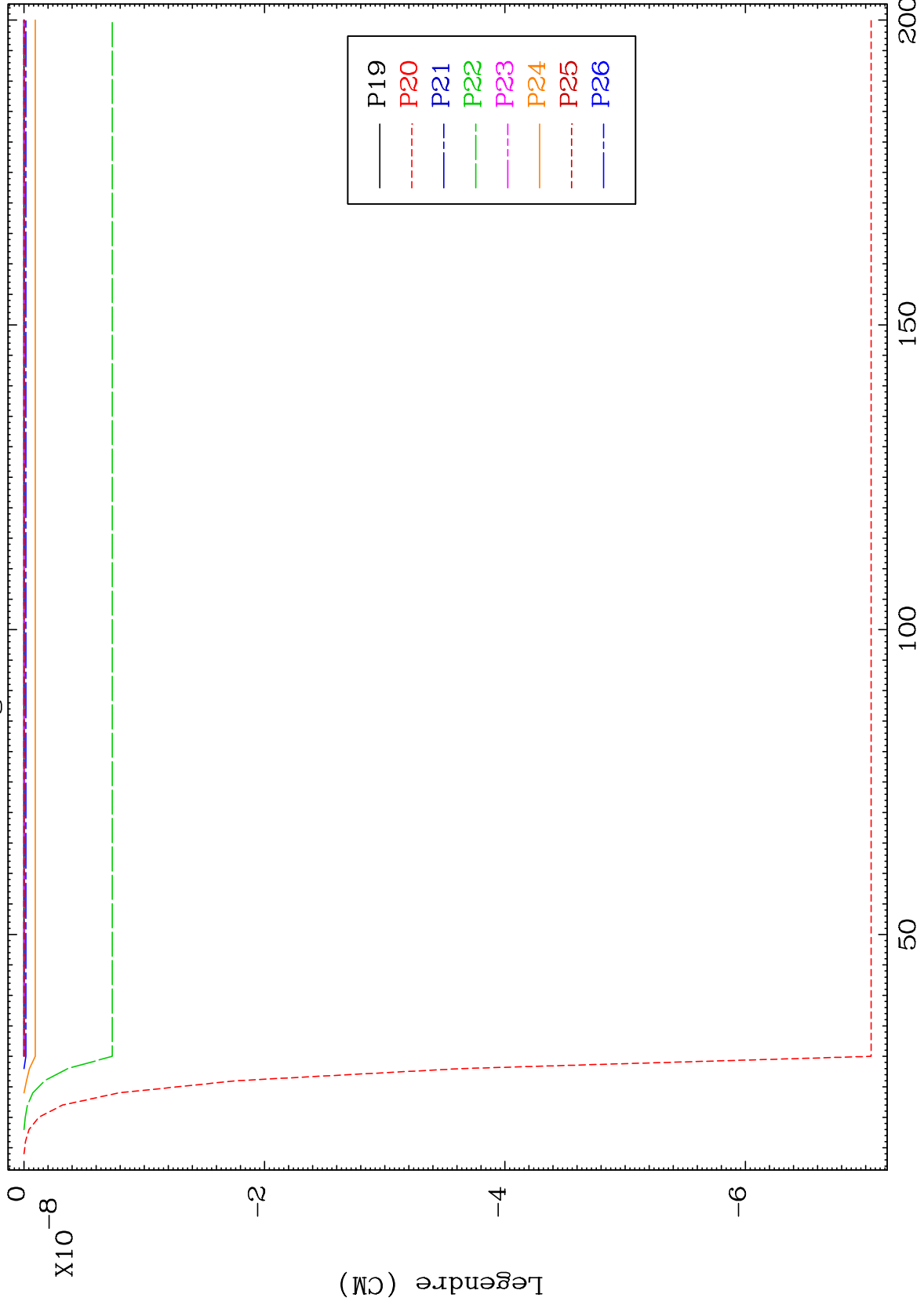
Incident Energy (MeV)

28-Ni-57

MAT 2822

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

28-Ni-57



28-Ni-57

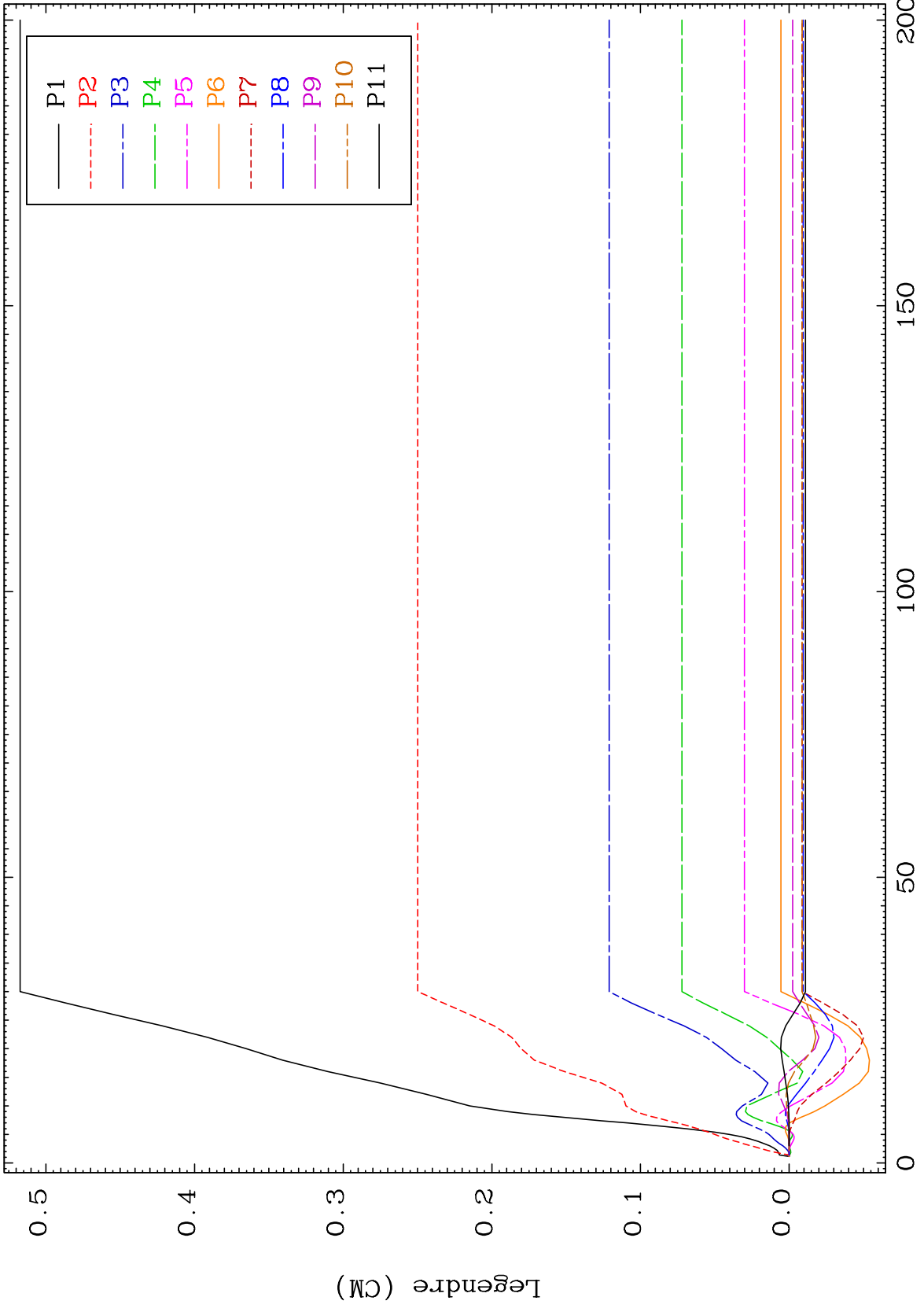
Incident Energy (MeV)

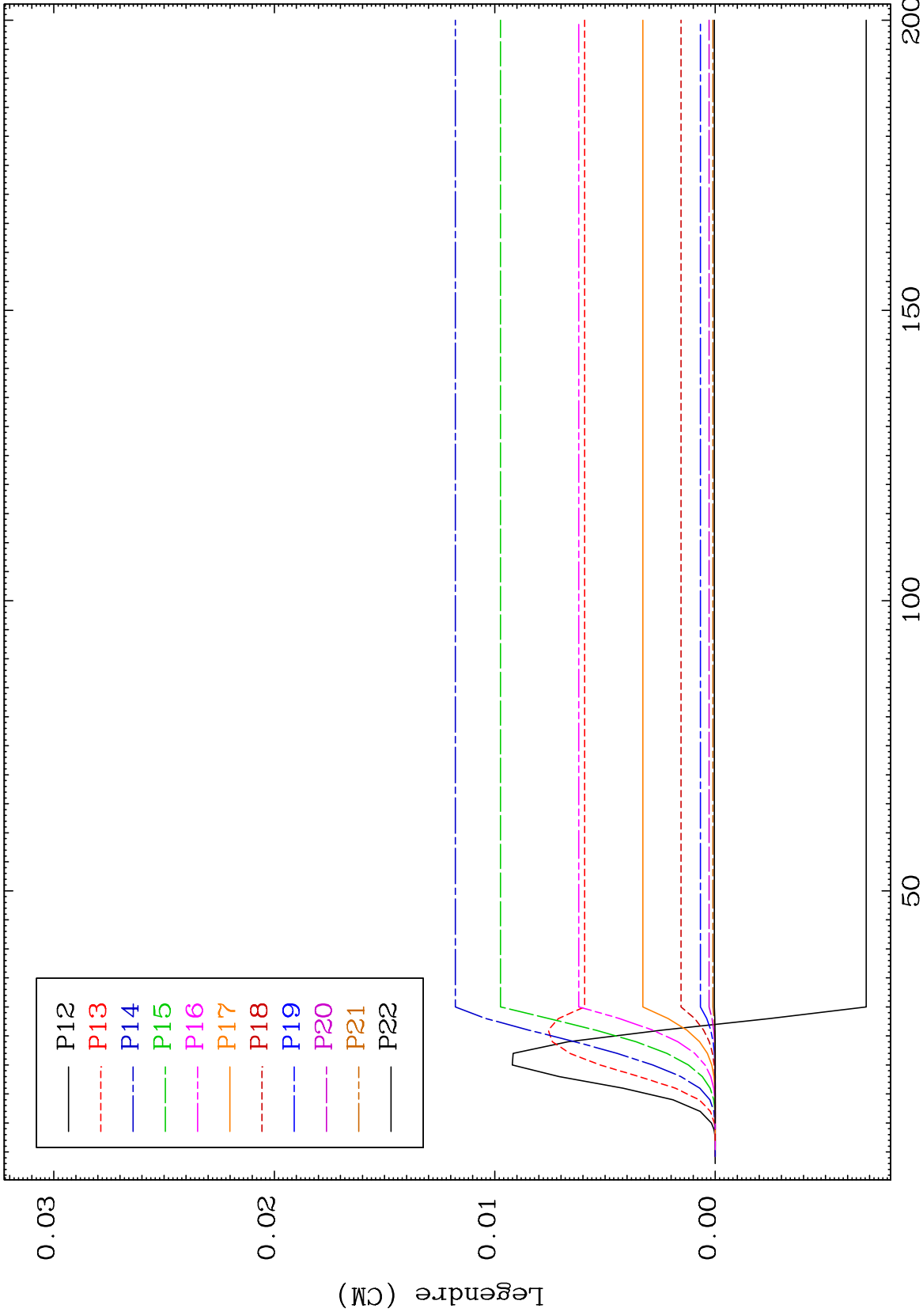
19

MAT 2822

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

28-Ni-57

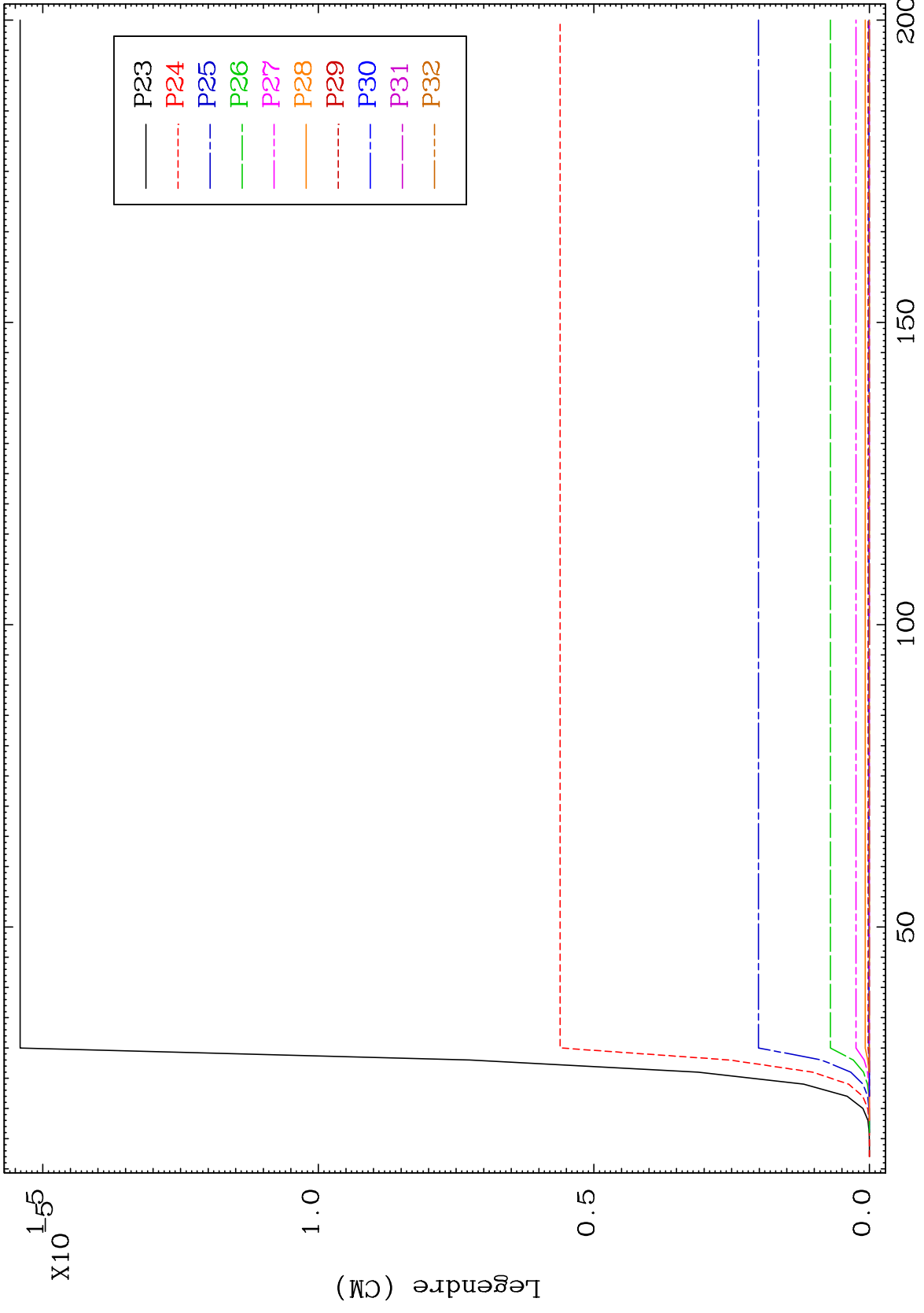




MAT 2822

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

28-Ni-57

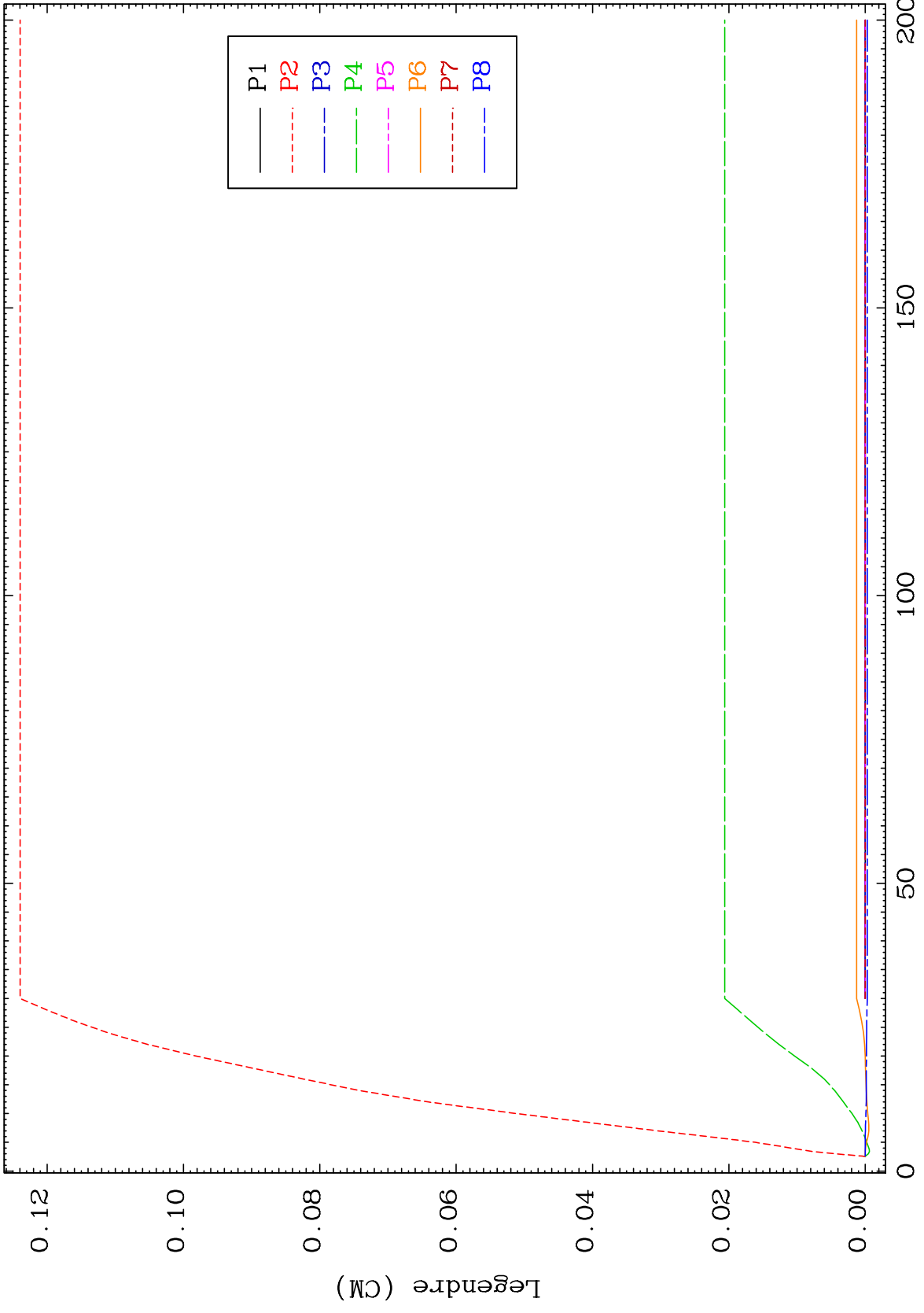


22

Incident Energy (MeV)

28-Ni-57

MAT 2822 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-57

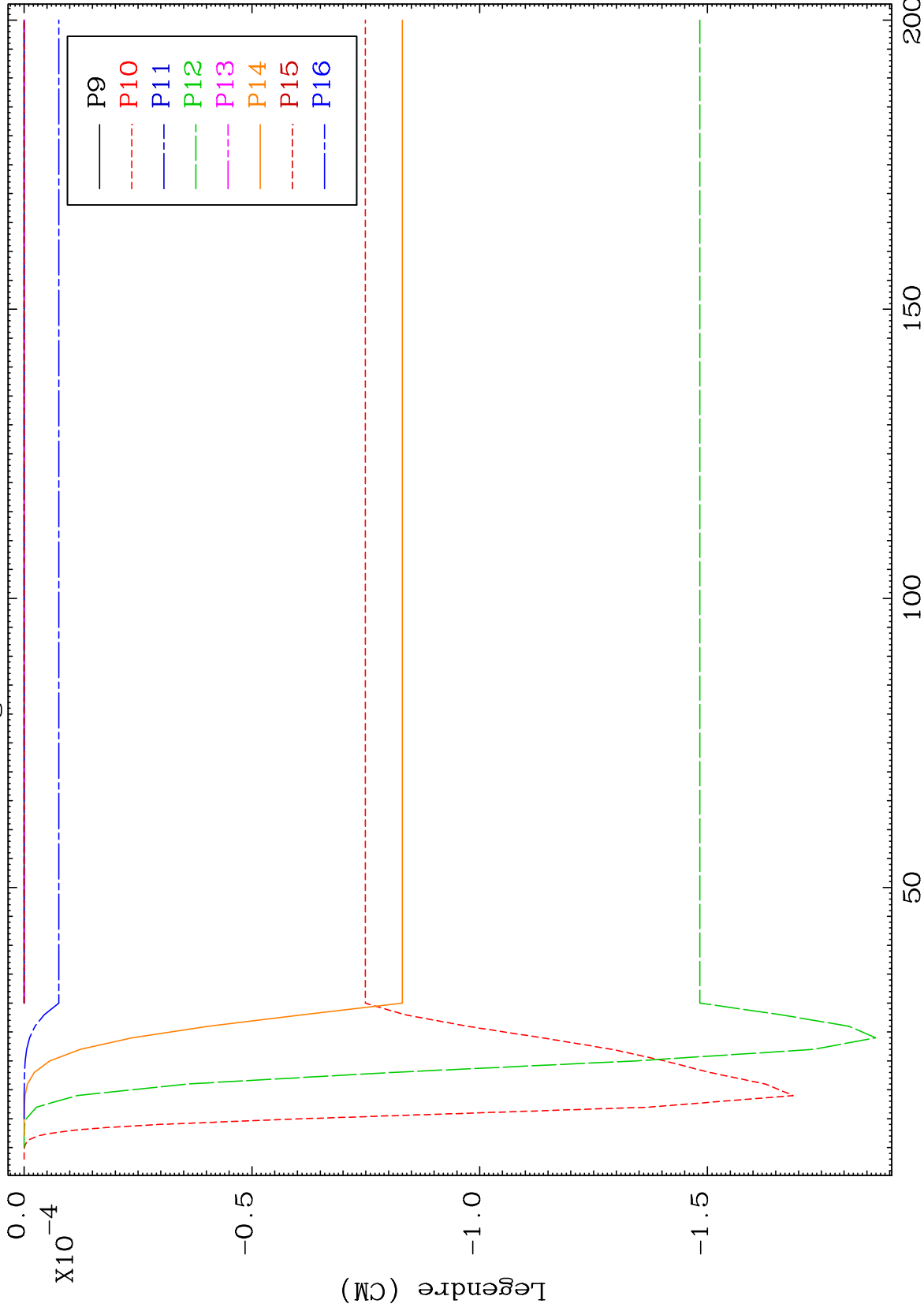


23 Incident Energy (MeV) 28-Ni-57

MAT 2822

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

28-Ni-57

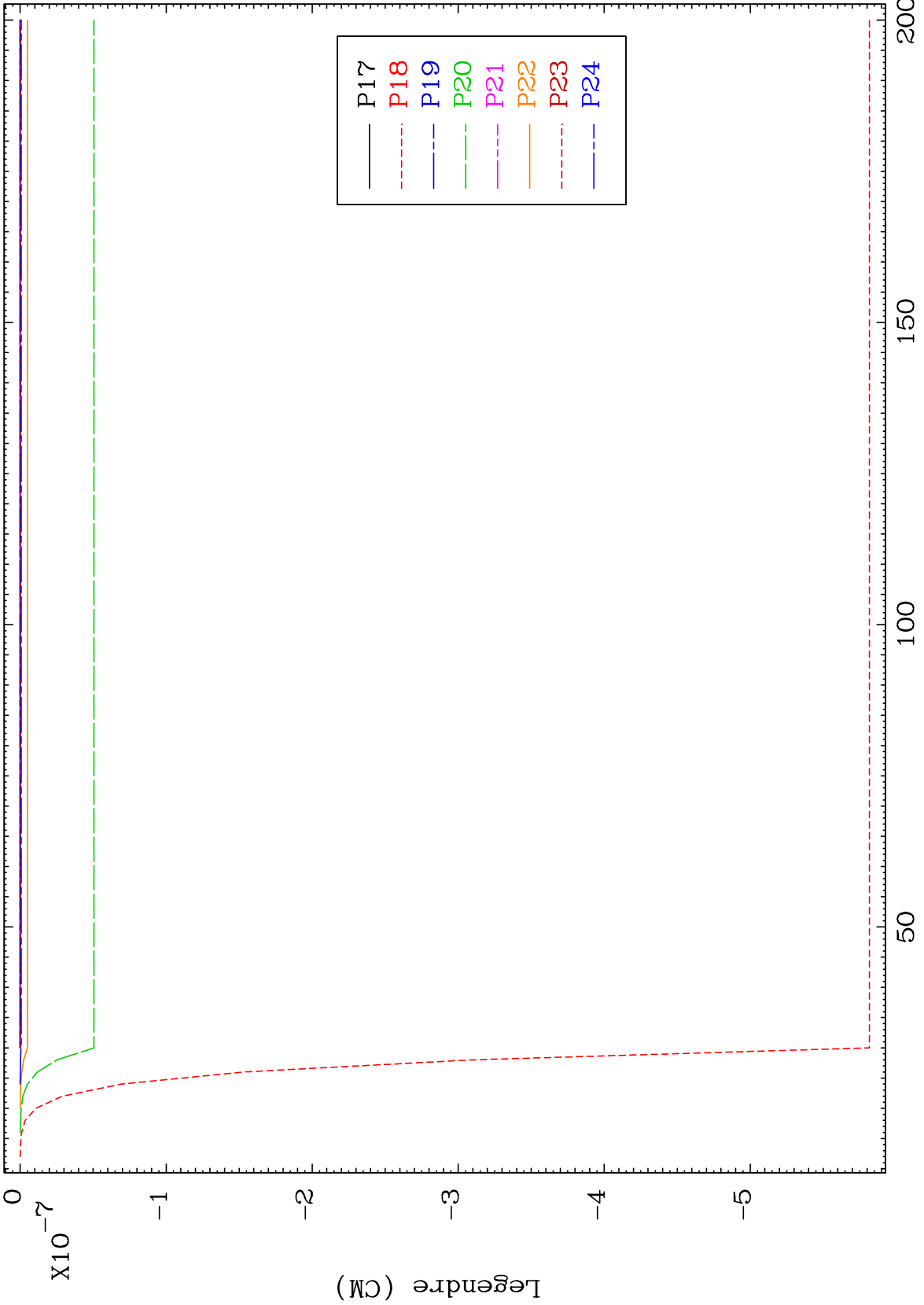


24

Incident Energy (MeV)

28-Ni-57

MAT 2822 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-57

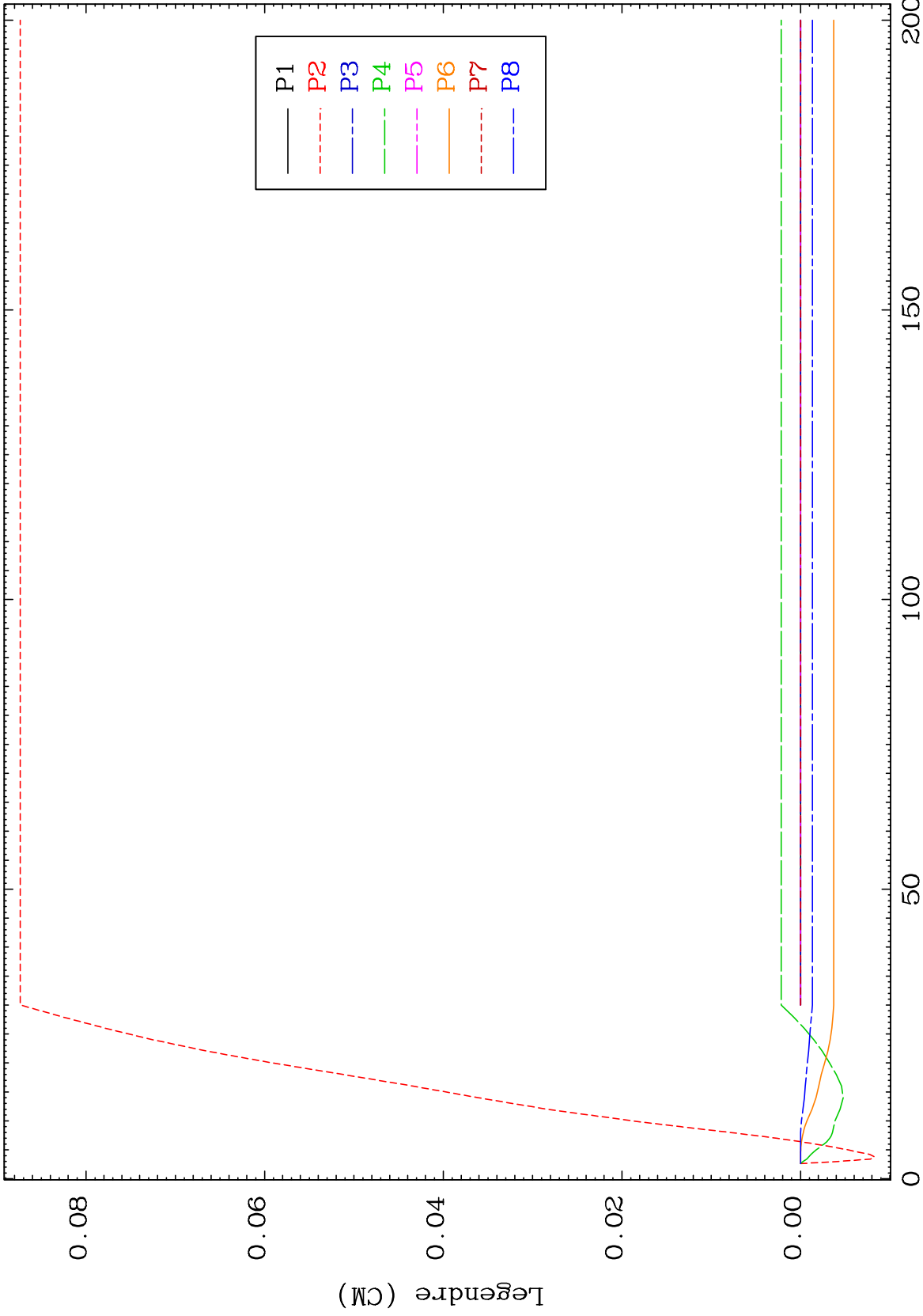


25 Incident Energy (MeV) 200 28-Ni-57

MAT 2822

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

28-Ni-57



26

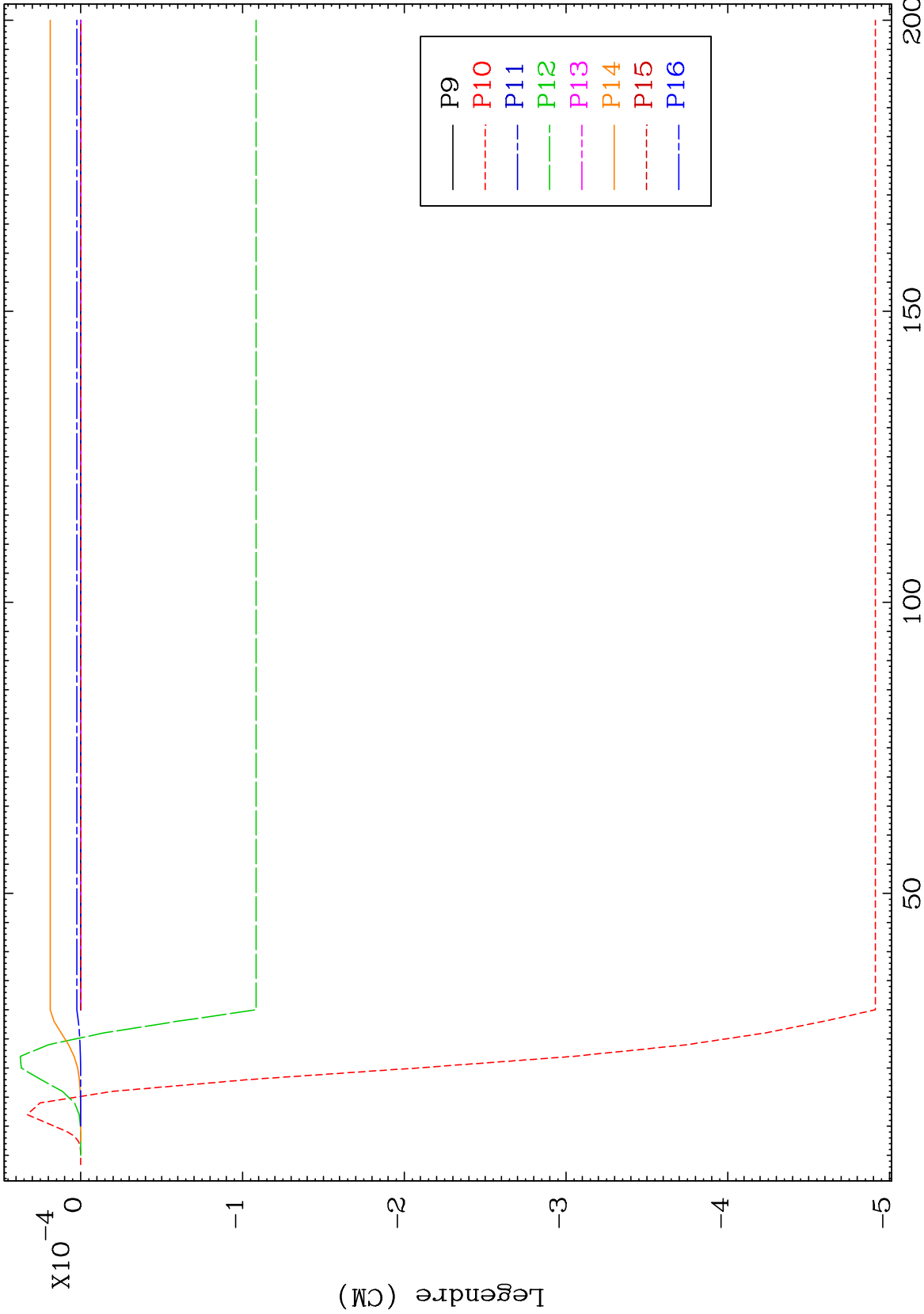
Incident Energy (MeV)

28-Ni-57

MAT 2822

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

28-Ni-57



27

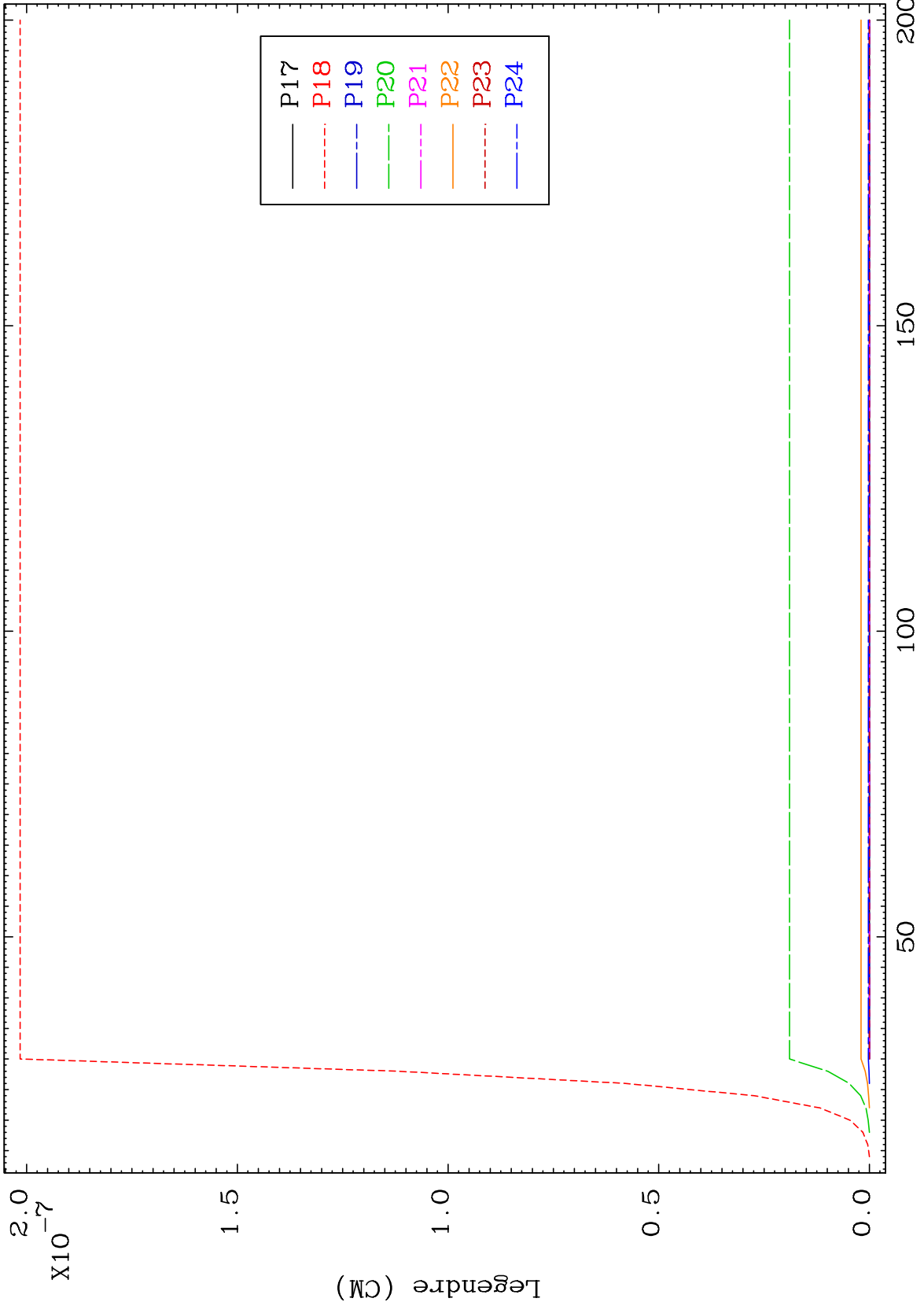
Incident Energy (MeV)

28-Ni-57

MAT 2822

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

28-Ni-57



28-Ni-57

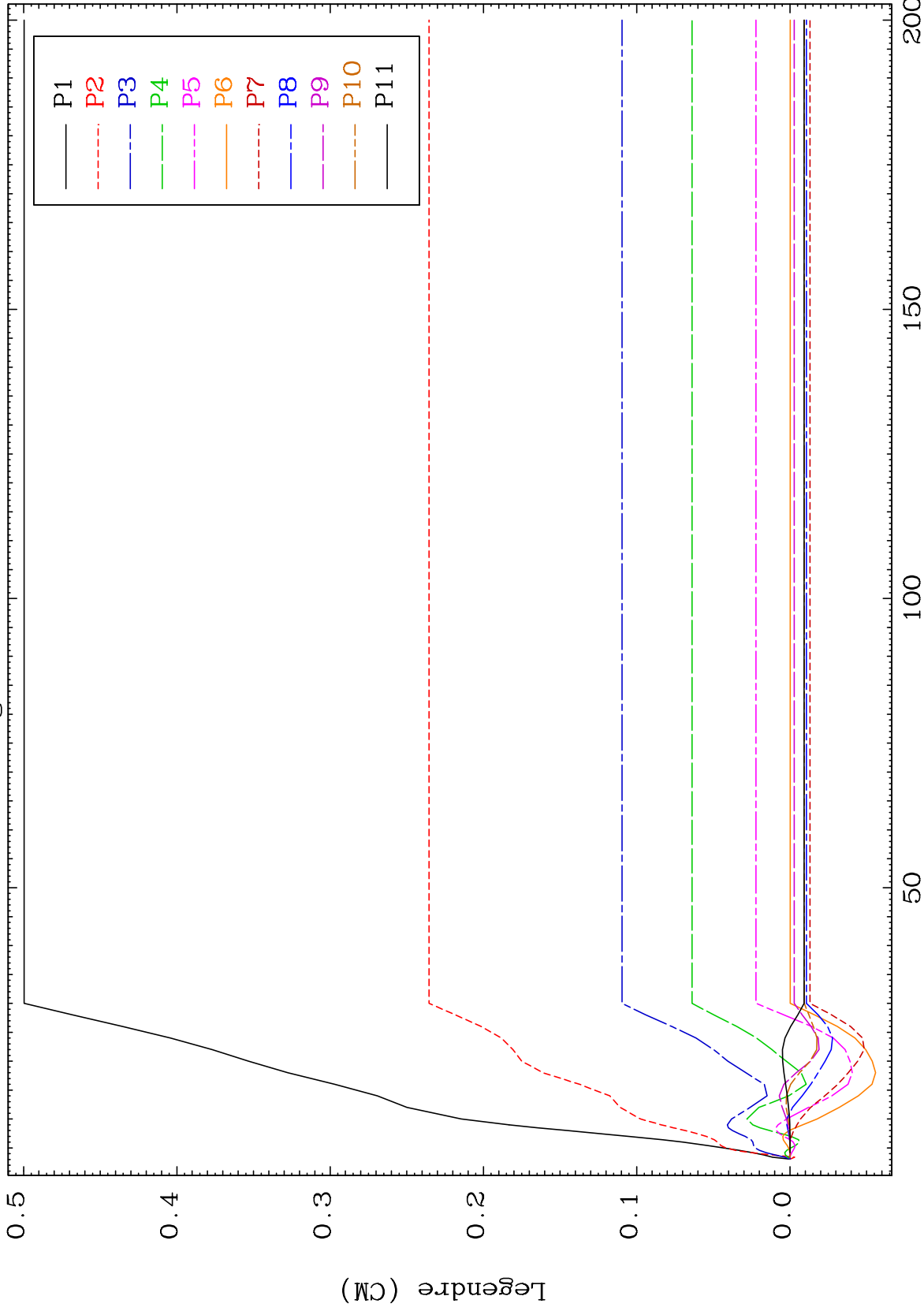
Incident Energy (MeV)

28

MAT 2822

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

28-Ni-57



29

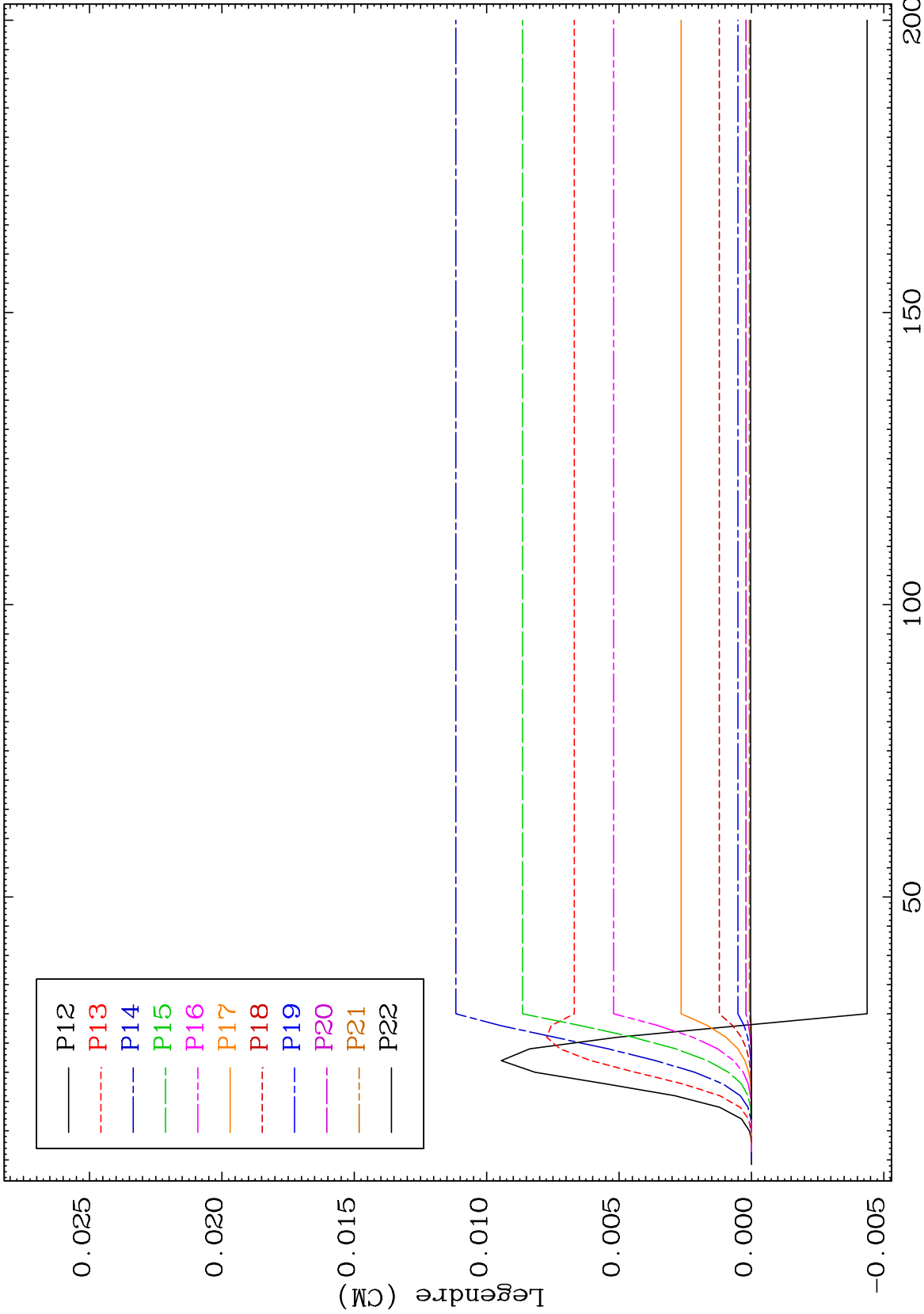
Incident Energy (MeV)

28-Ni-57

MAT 2822

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

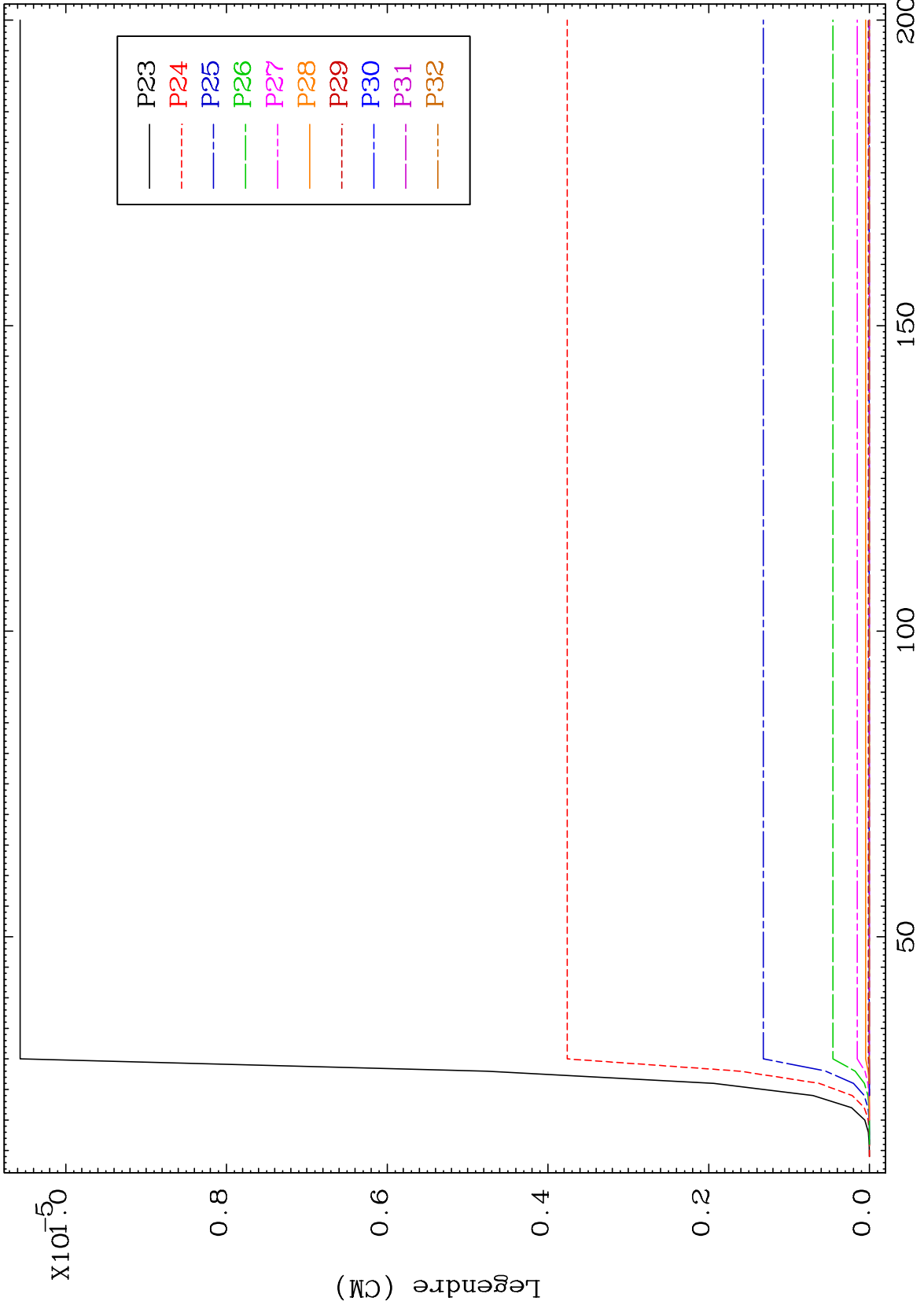
28-Ni-57



30

Incident Energy (MeV)

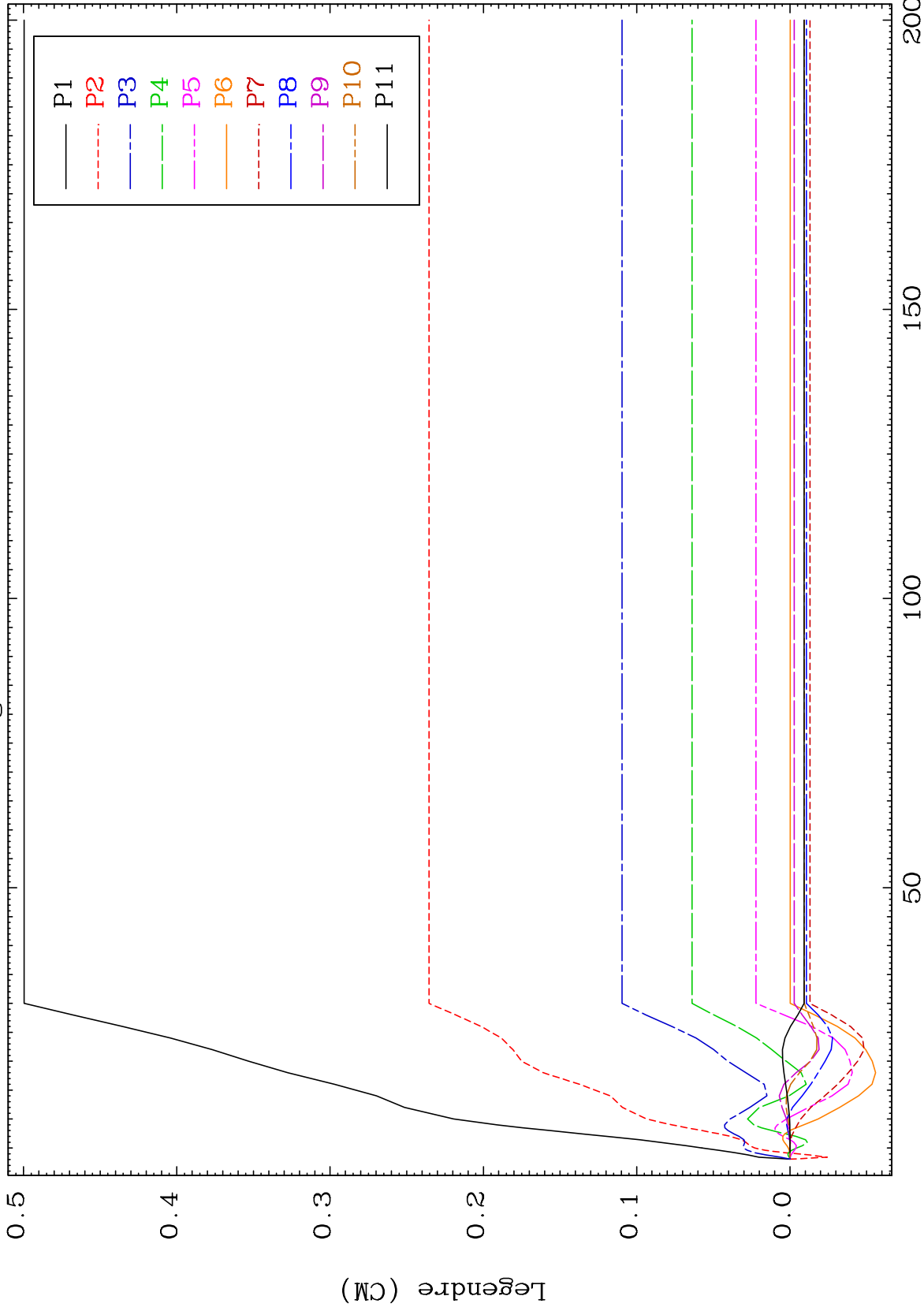
28-Ni-57



MAT 2822

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

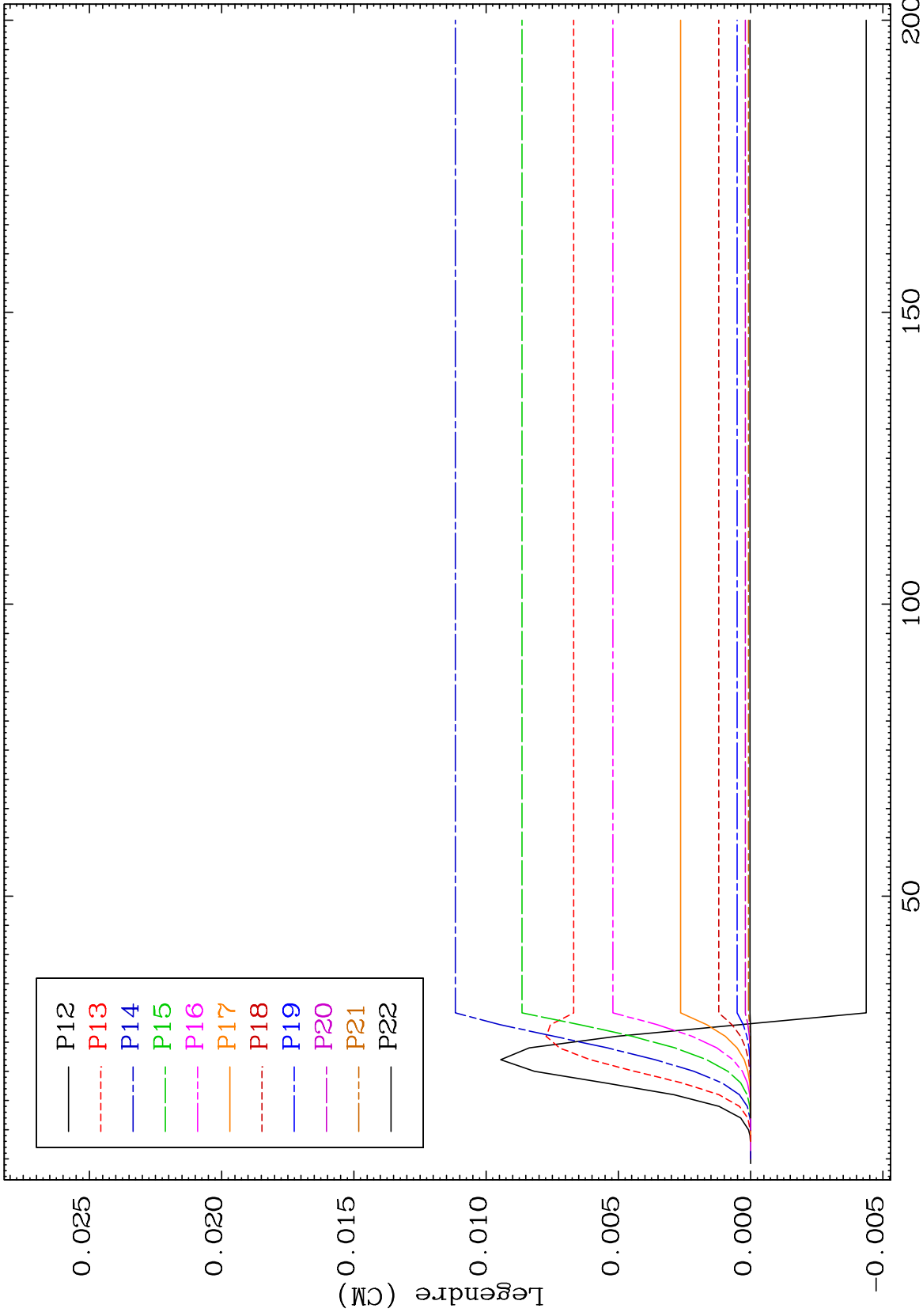
28-Ni-57



32

Incident Energy (MeV)

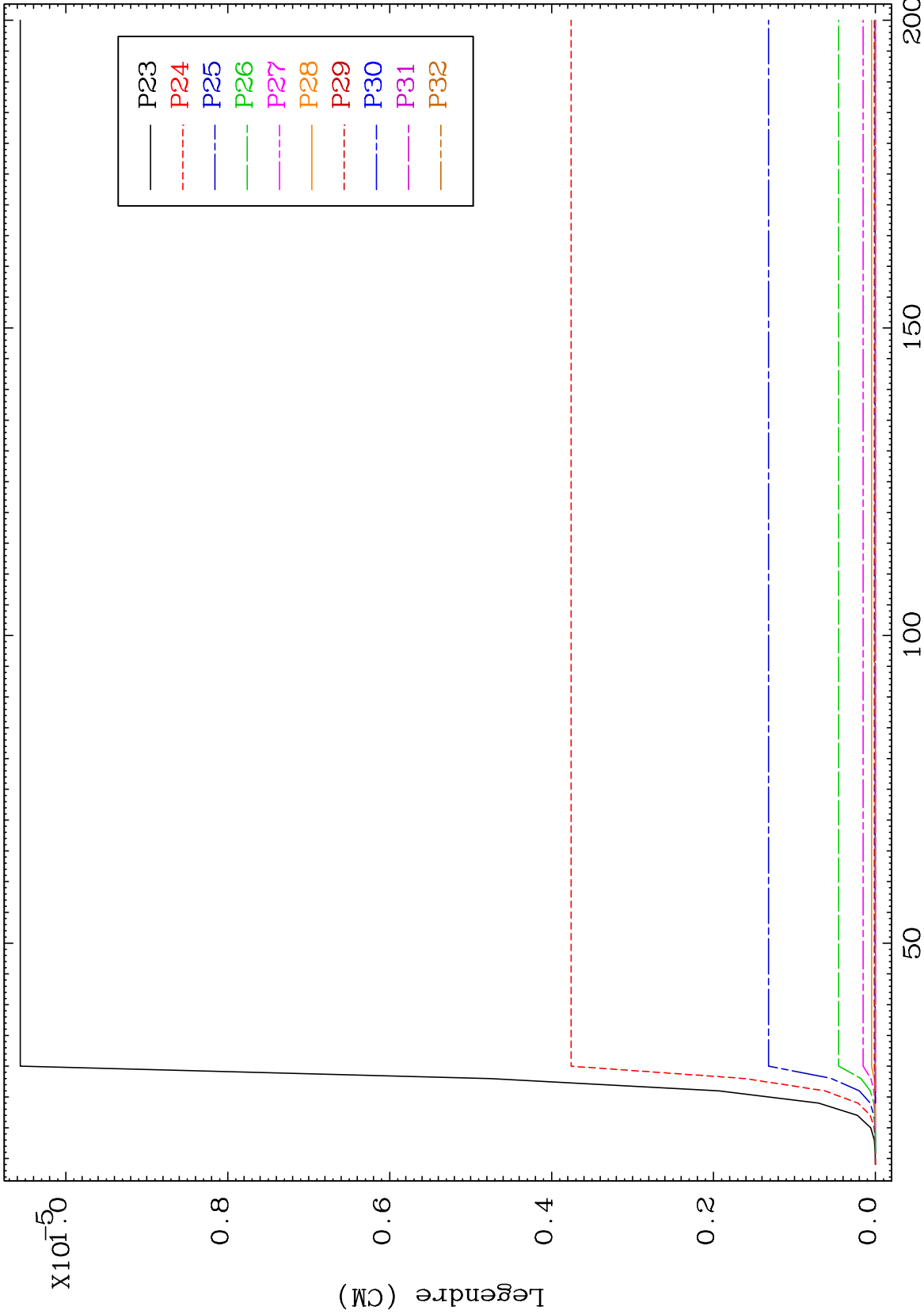
28-Ni-57



MAT 2822

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

28-Ni-57



34

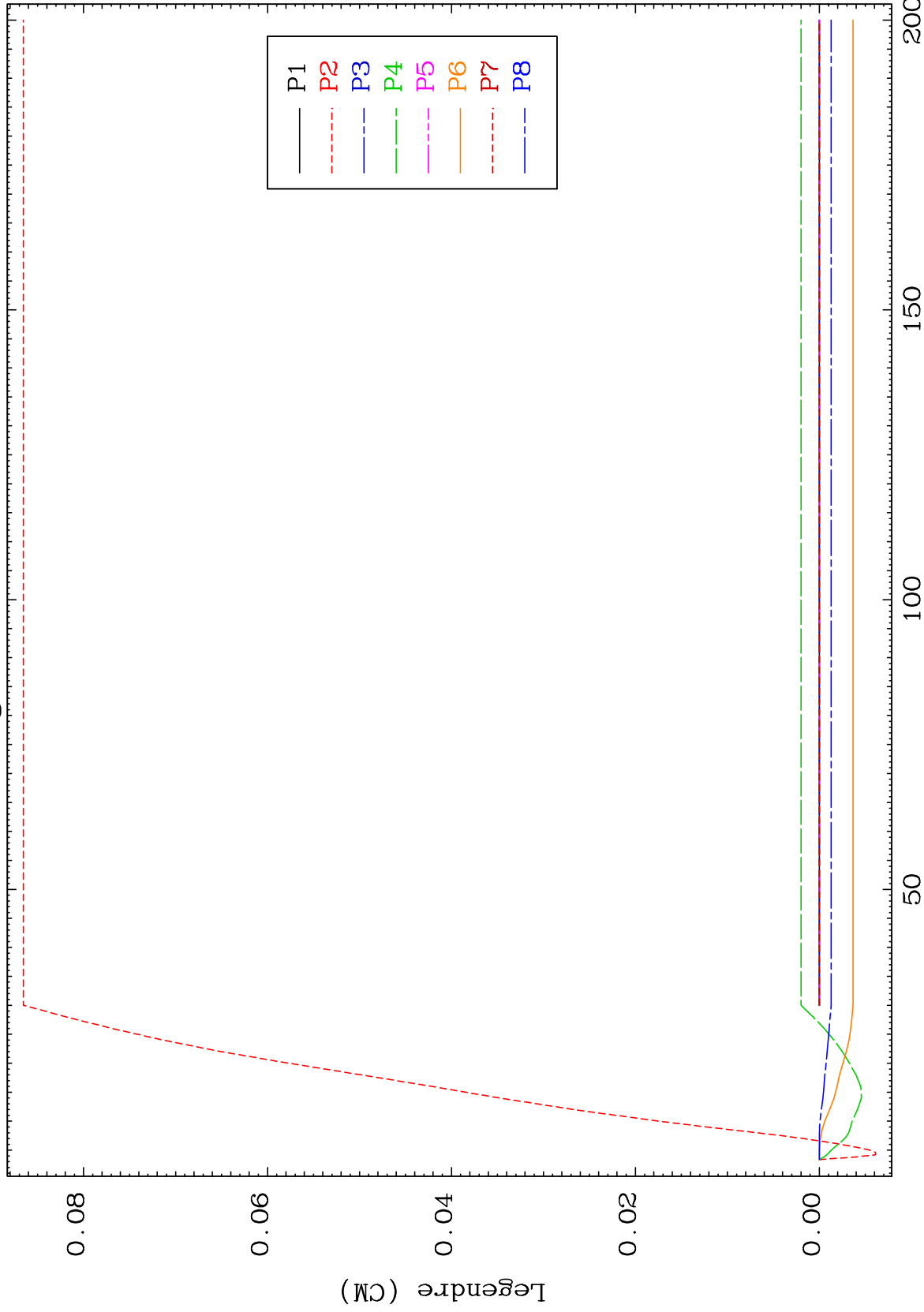
Incident Energy (MeV)

28-Ni-57

MAT 2822

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

28-Ni-57



35

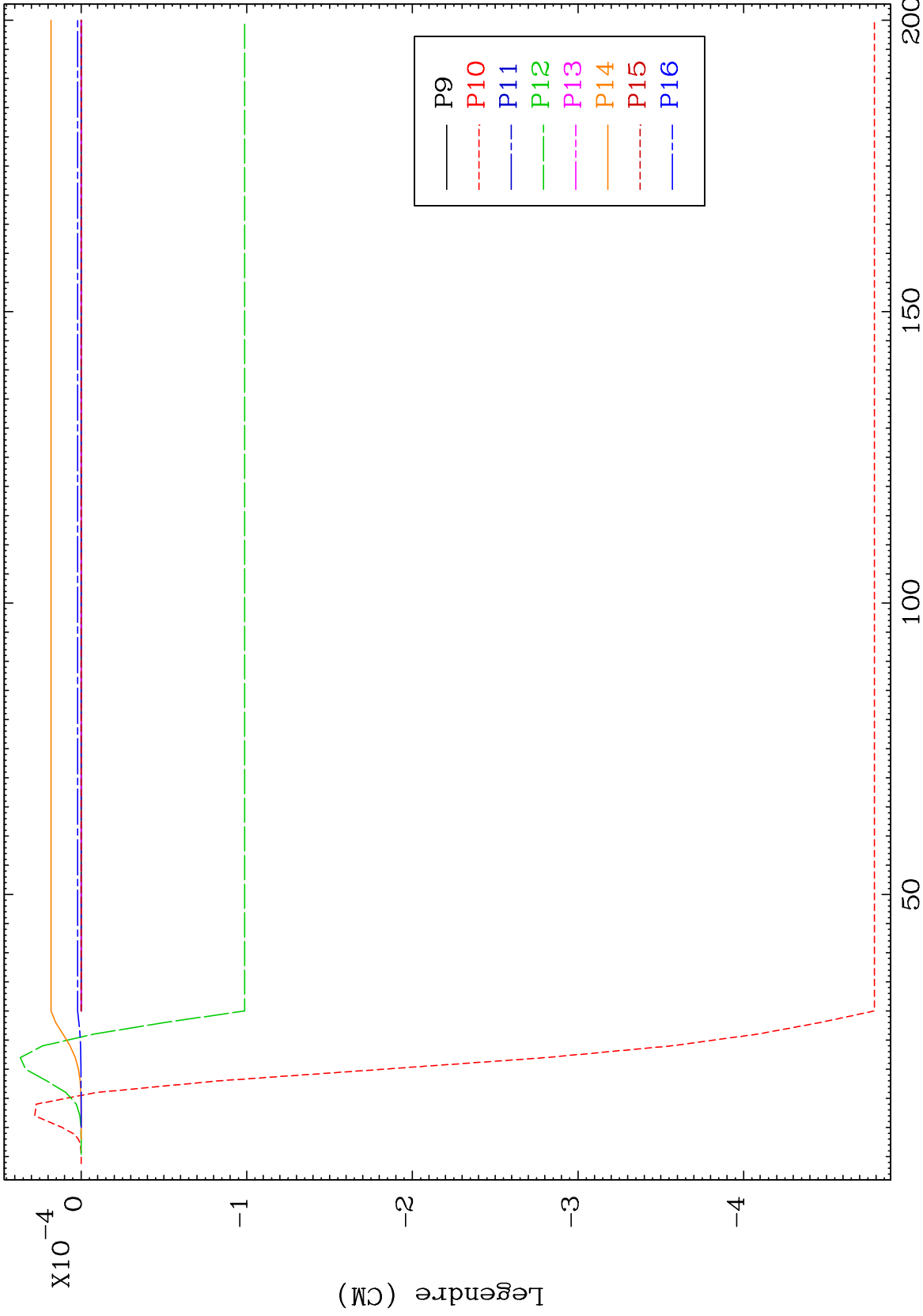
Incident Energy (MeV)

28-Ni-57

MAT 2822

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

28-Ni-57

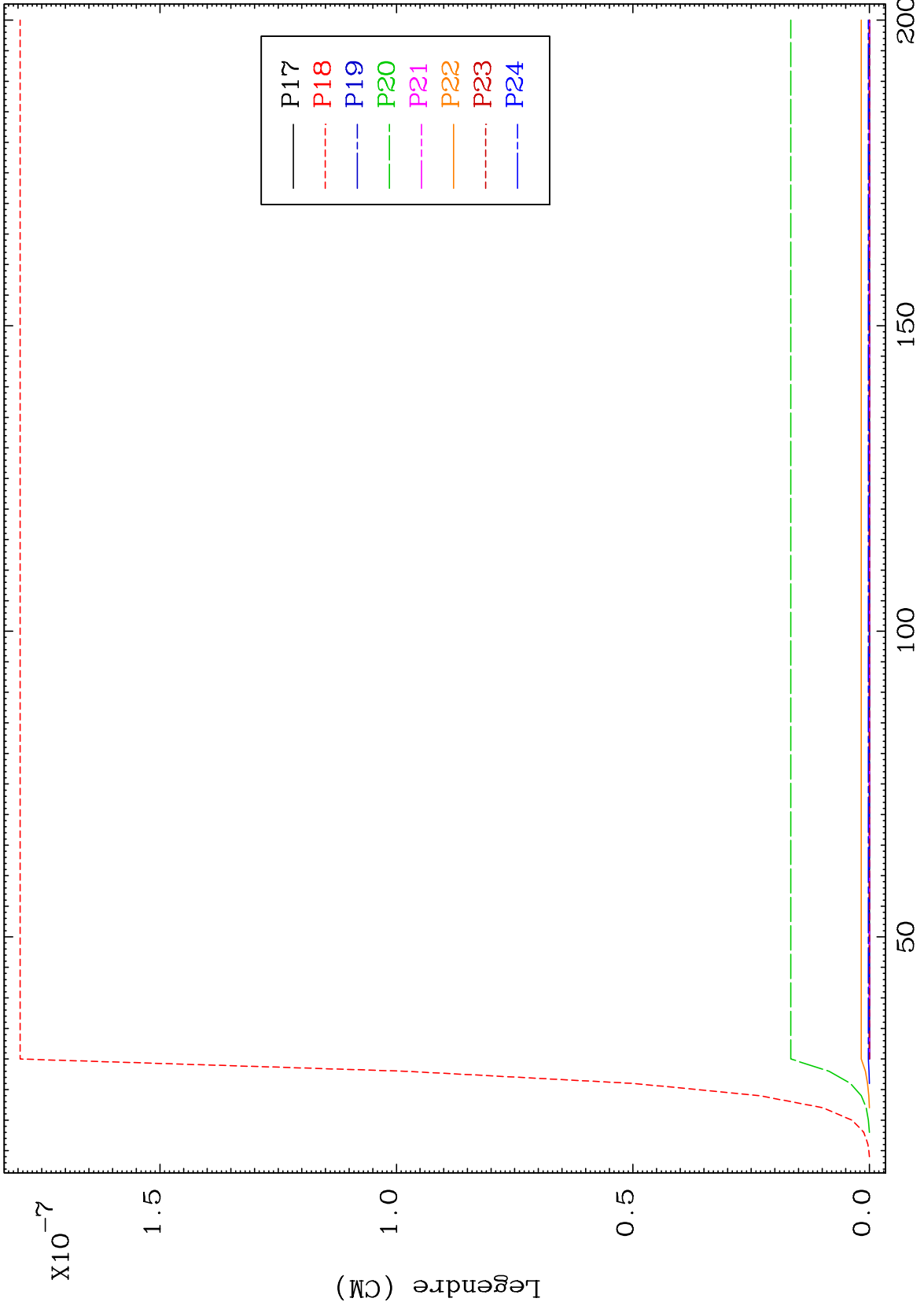


28-Ni-57

Incident Energy (MeV)

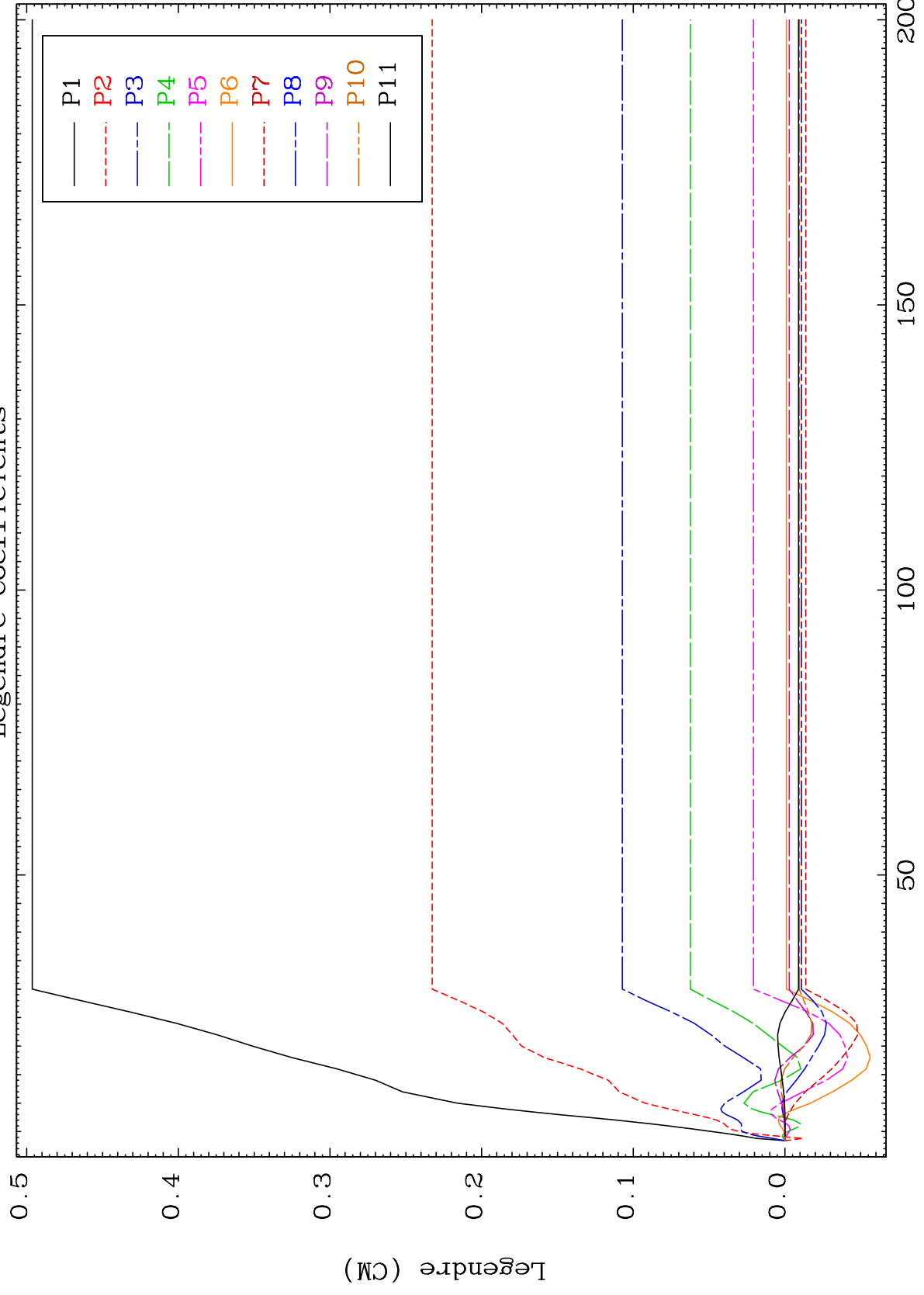
36

MAT 2822 MT= 57 (n,n') Level Legendre Coefficients 28-Ni-57

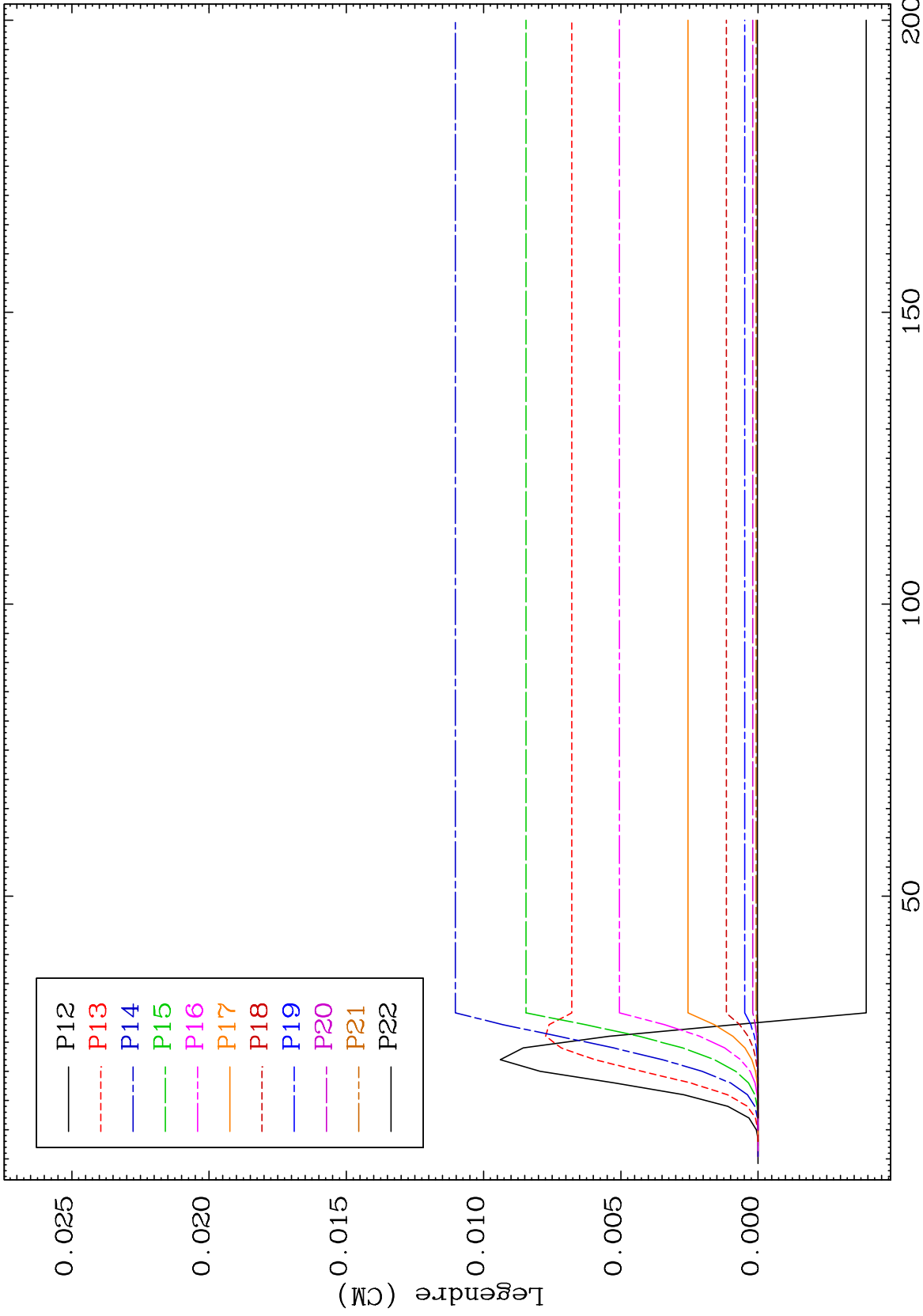


37 50 100 150 200 28-Ni-57

MAT 2822 MT= 58 (n,n') Level Legendre Coefficients 28-Ni-57



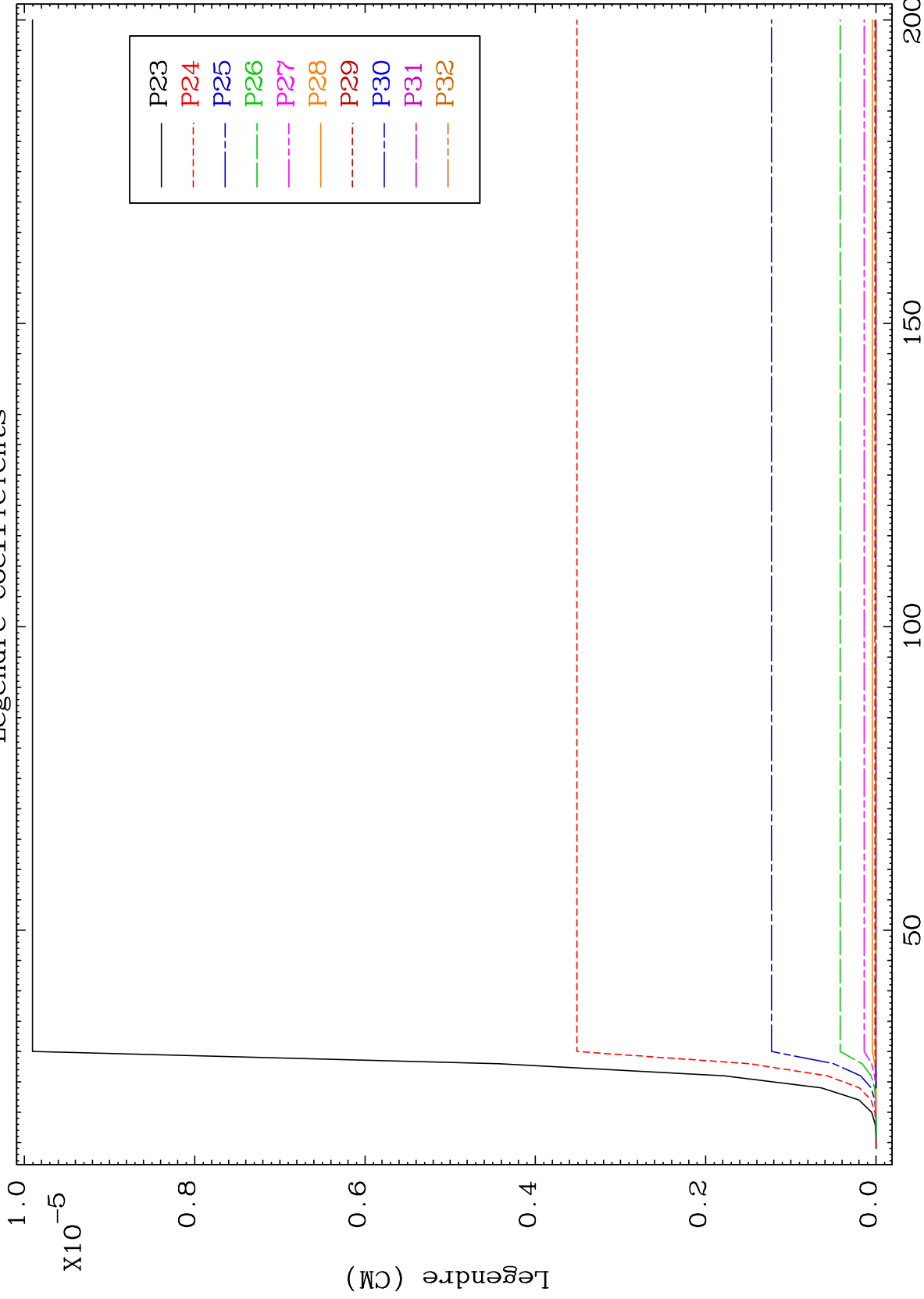
38 200 28-Ni-57



MAT 2822

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

28-Ni-57



40

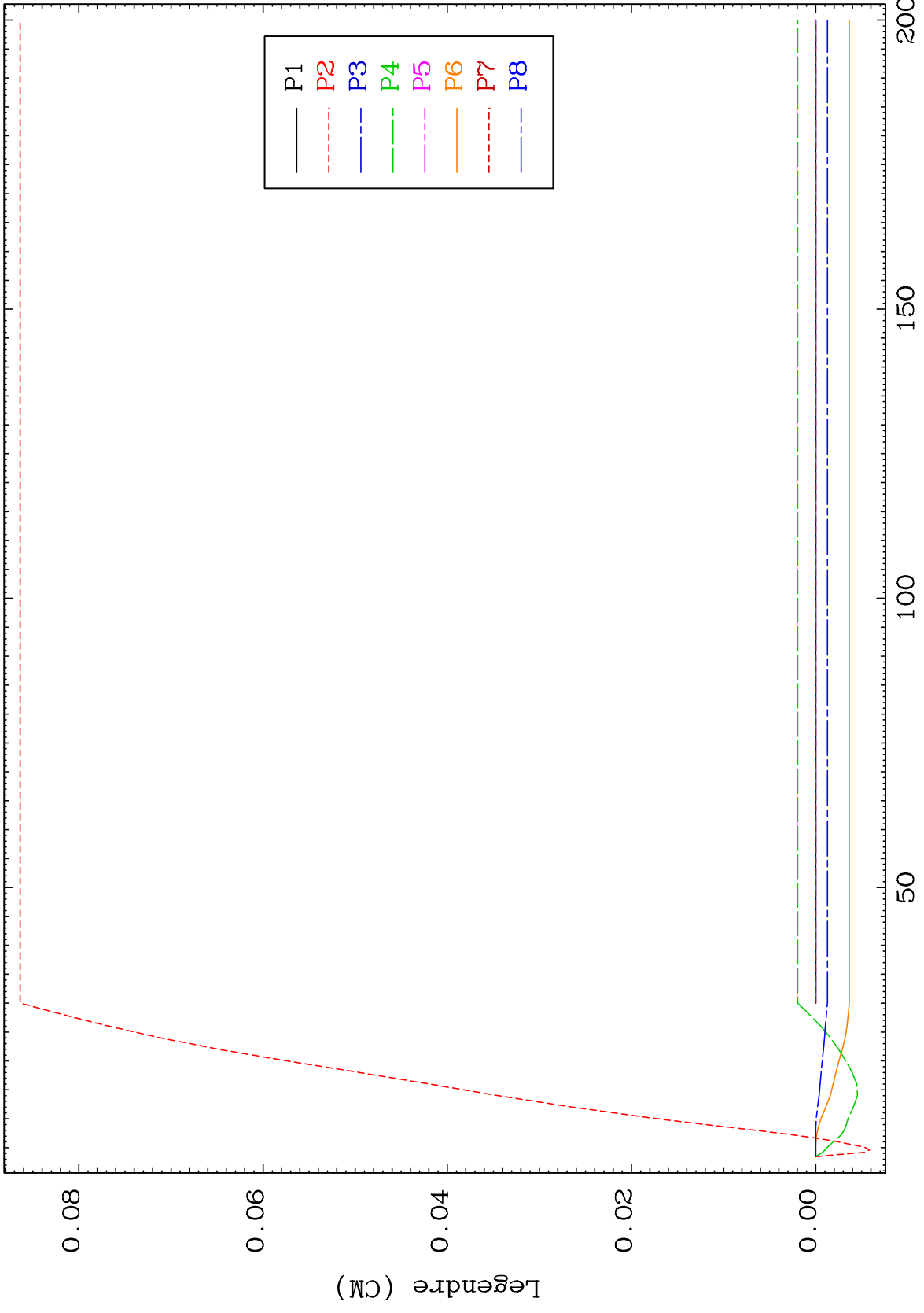
Incident Energy (MeV)

28-Ni-57

MAT 2822

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

28-Ni-57



41

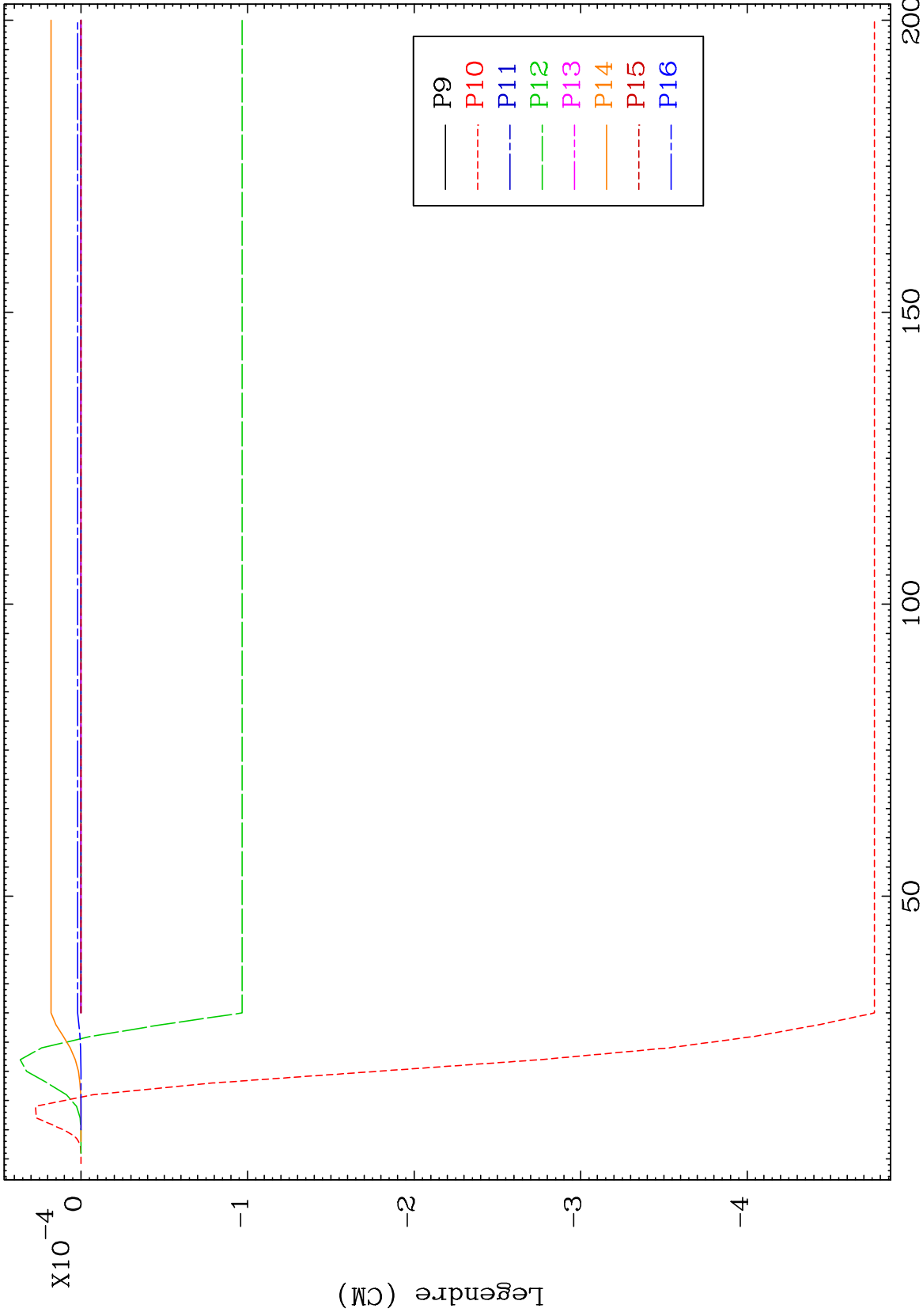
Incident Energy (MeV)

28-Ni-57

MAT 2822

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

28-Ni-57

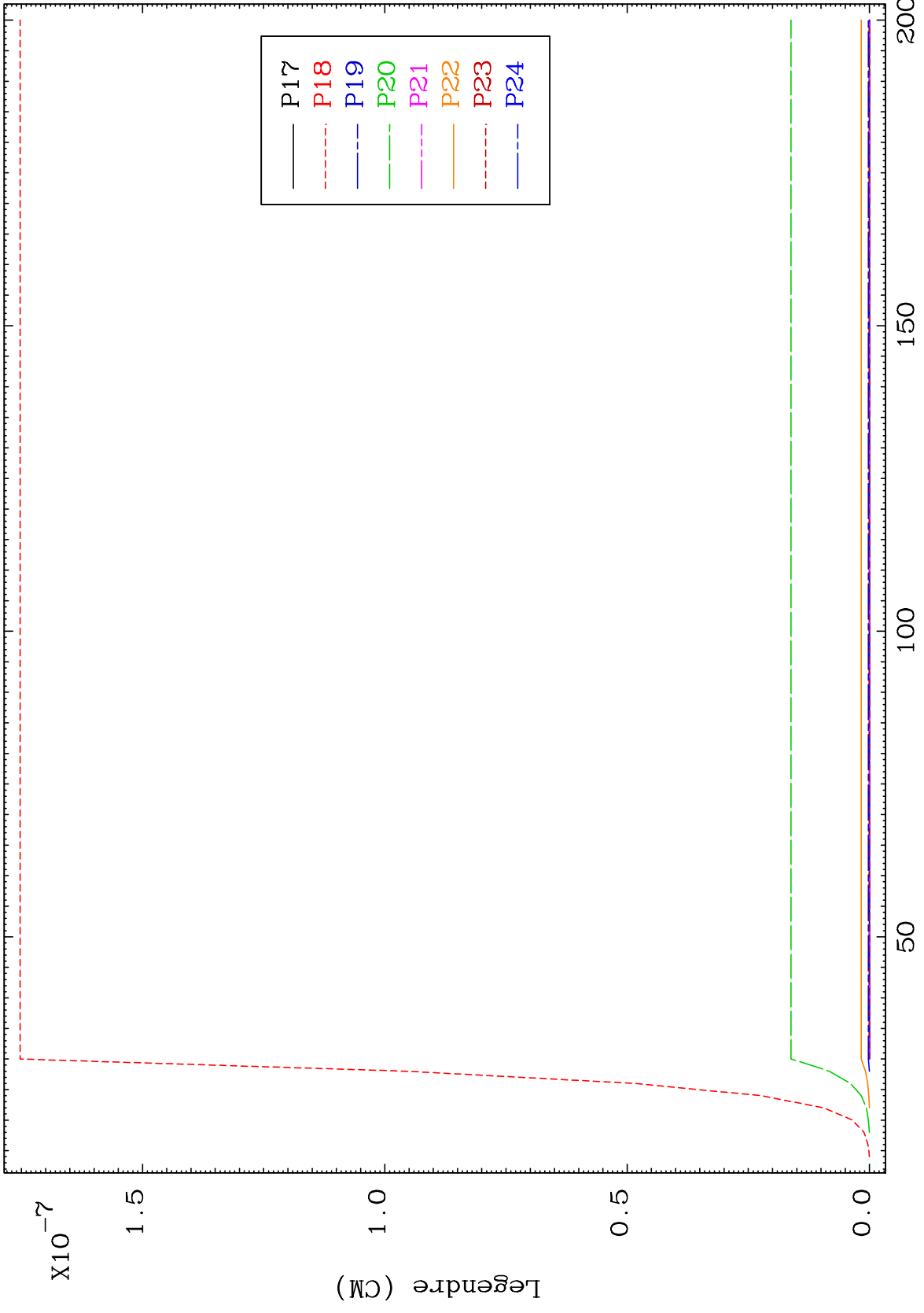


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Incident Energy (MeV)

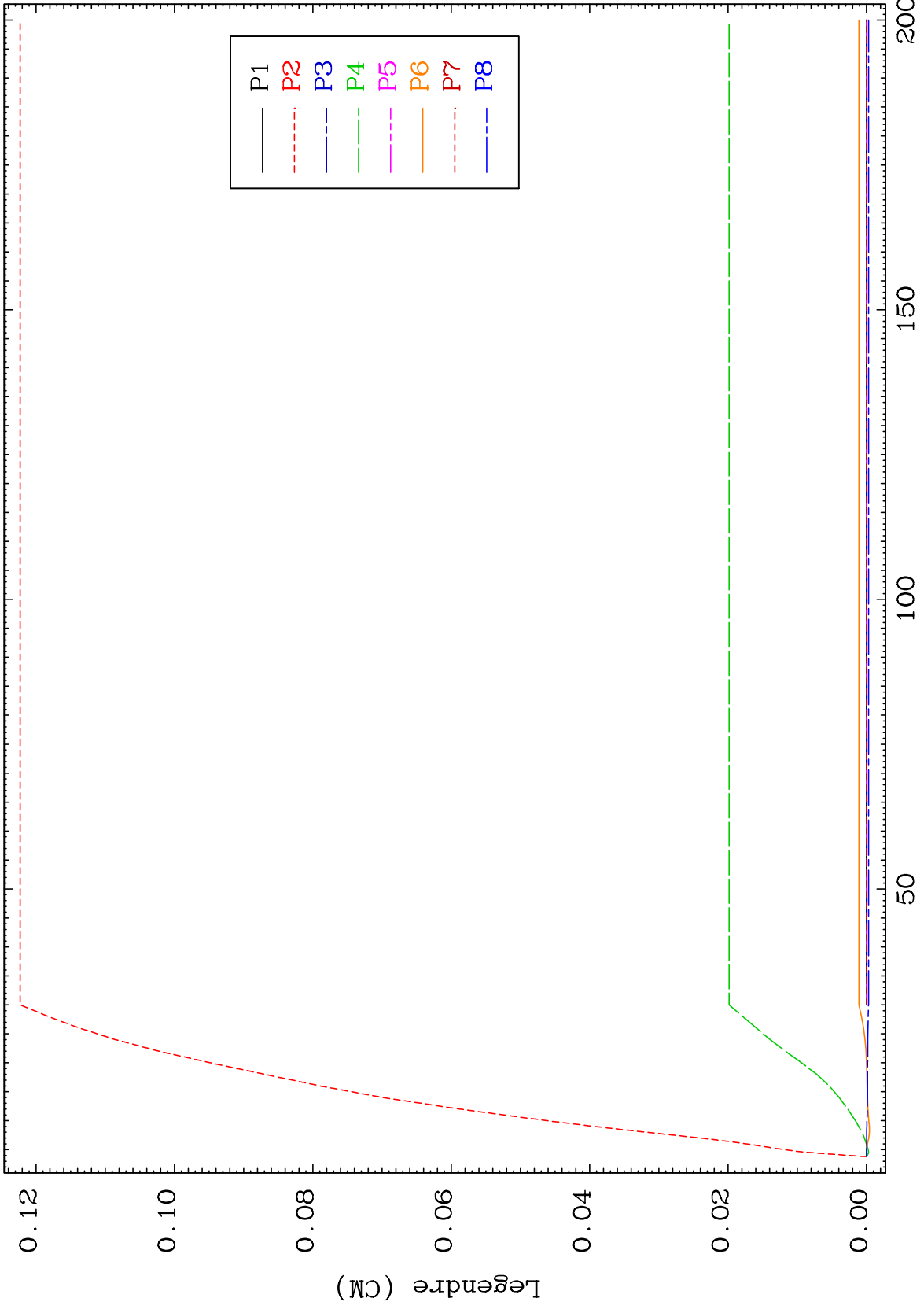
28-Ni-57

MAT 2822 MT= 59 (n,n') Level Legendre Coefficients 28-Ni-57



43 Incident Energy (MeV) 28-Ni-57

MAT 2822 MT= 60 (n,n') Level Legendre Coefficients 28-Ni-57

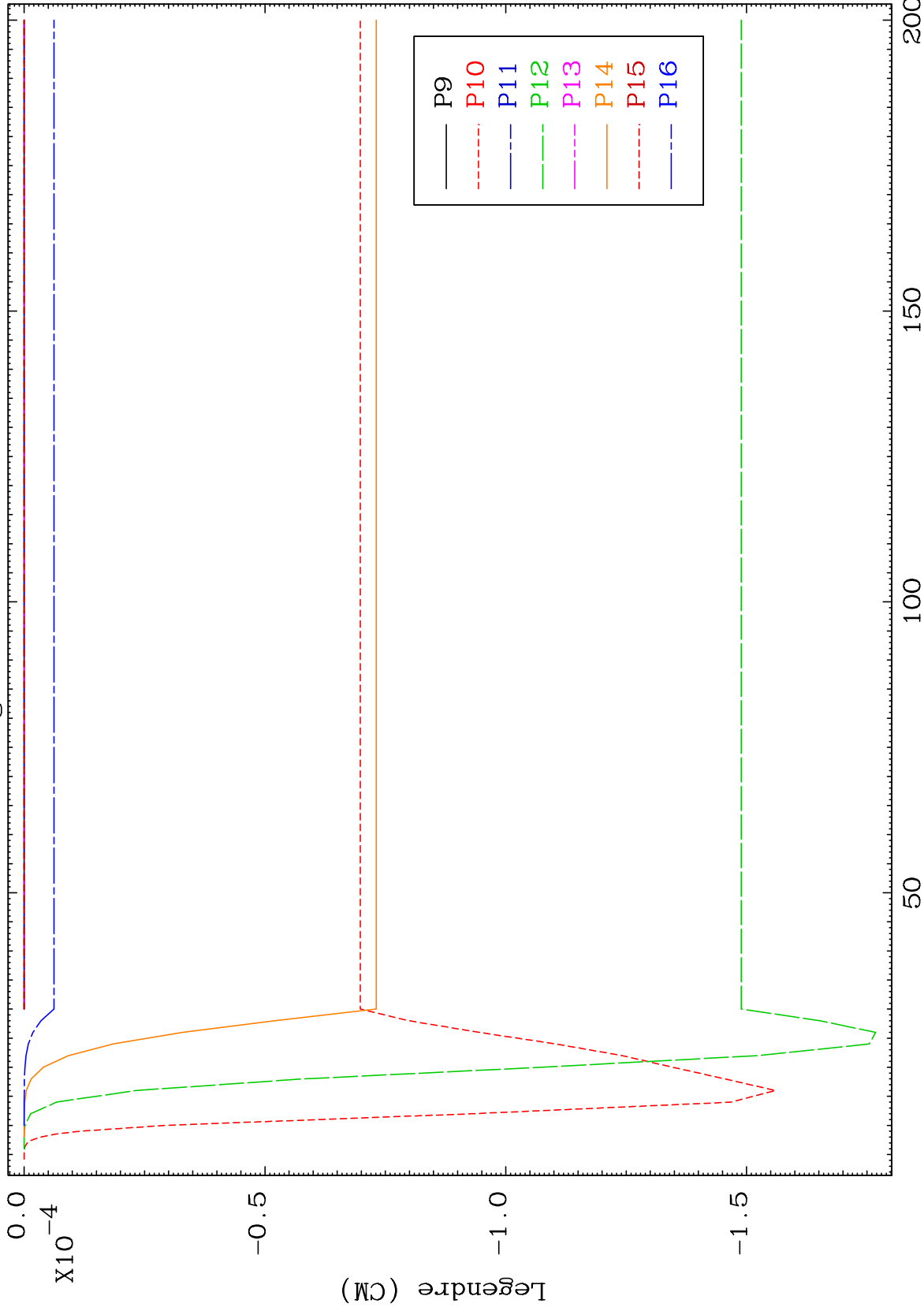


44 Incident Energy (MeV) 28-Ni-57

MAT 2822

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

28-Ni-57



28-Ni-57

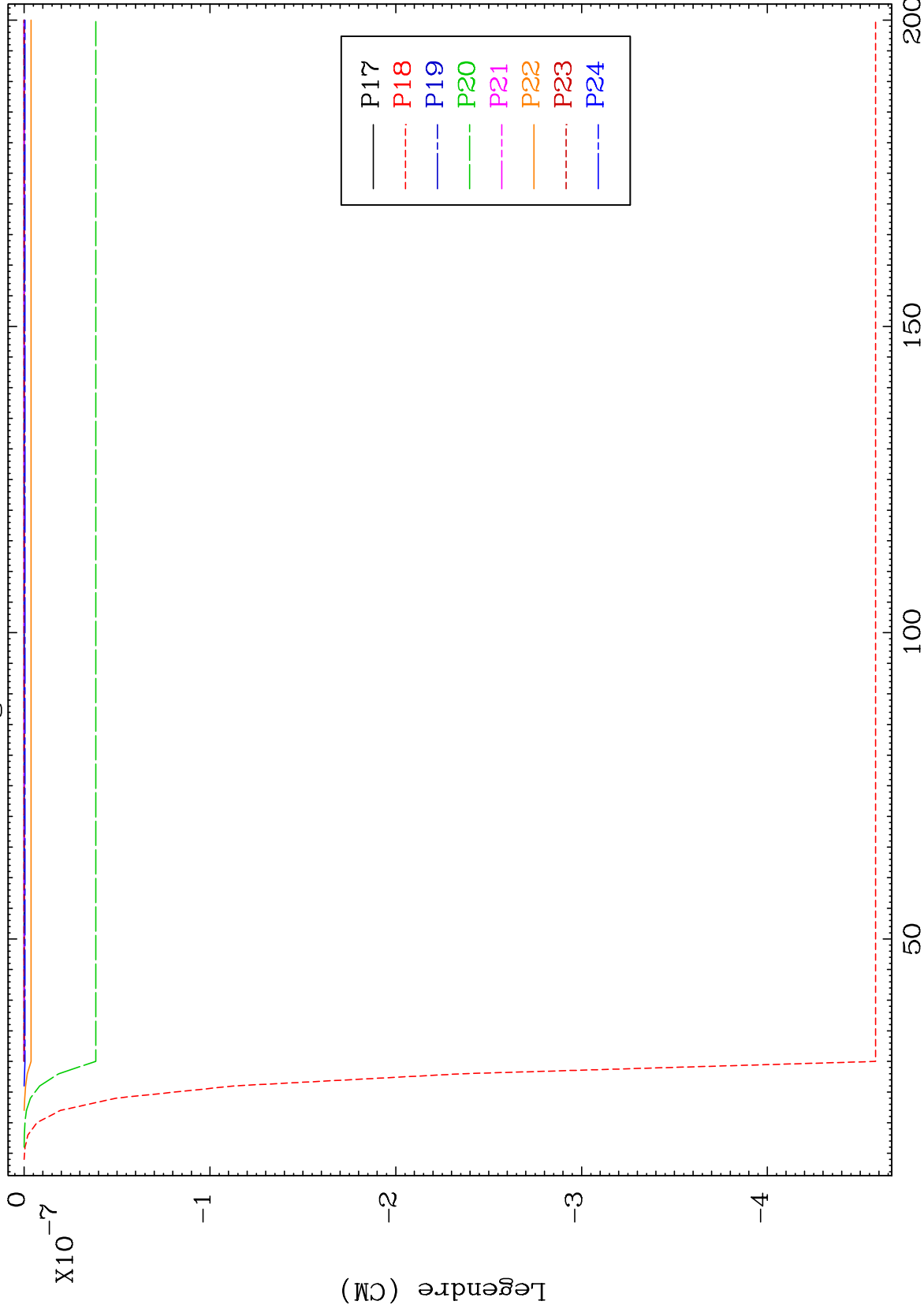
Incident Energy (MeV)

45

MAT 2822

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

28-Ni-57



28-Ni-57

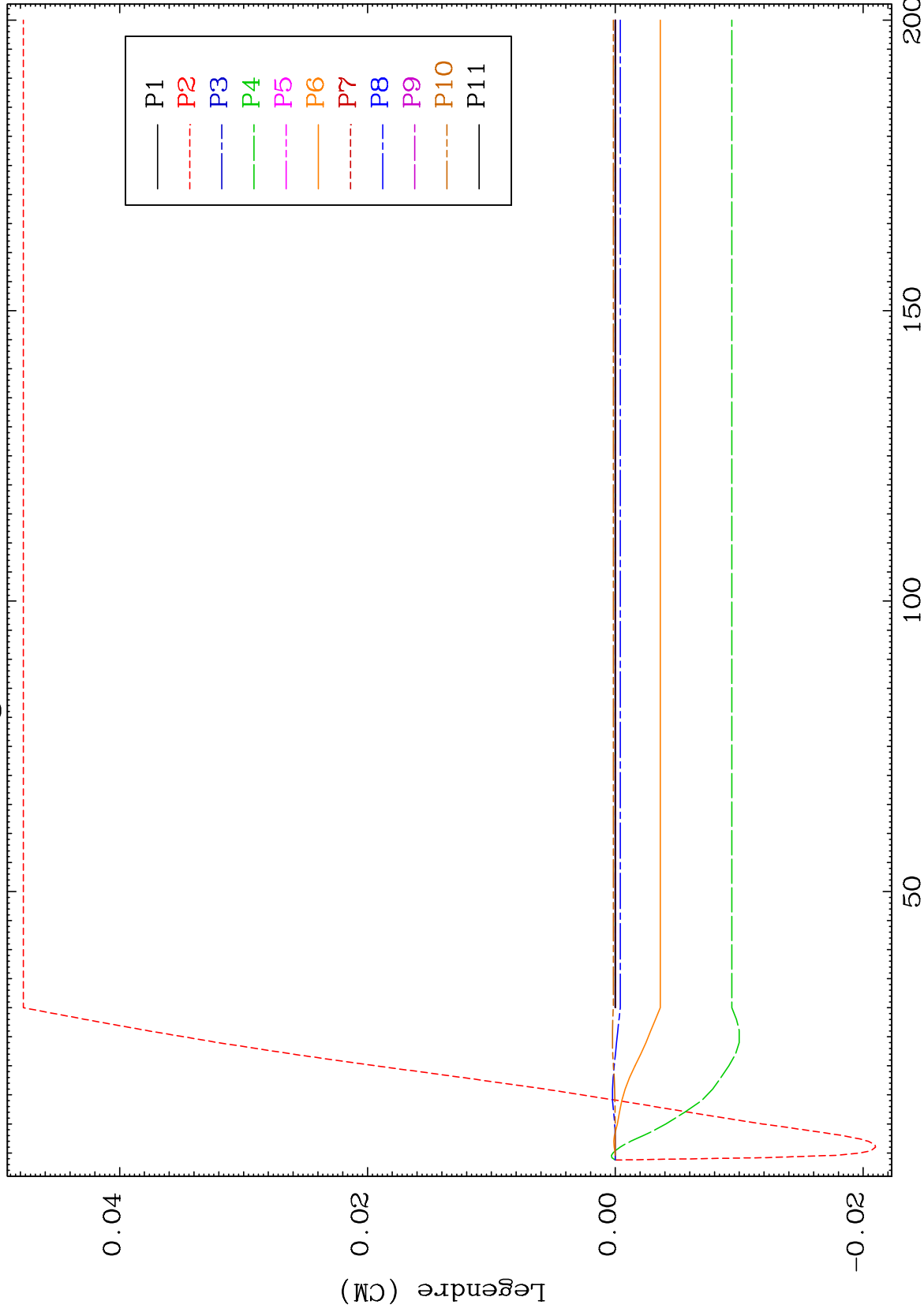
Incident Energy (MeV)

46

MAT 2822

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

28-Ni-57



47

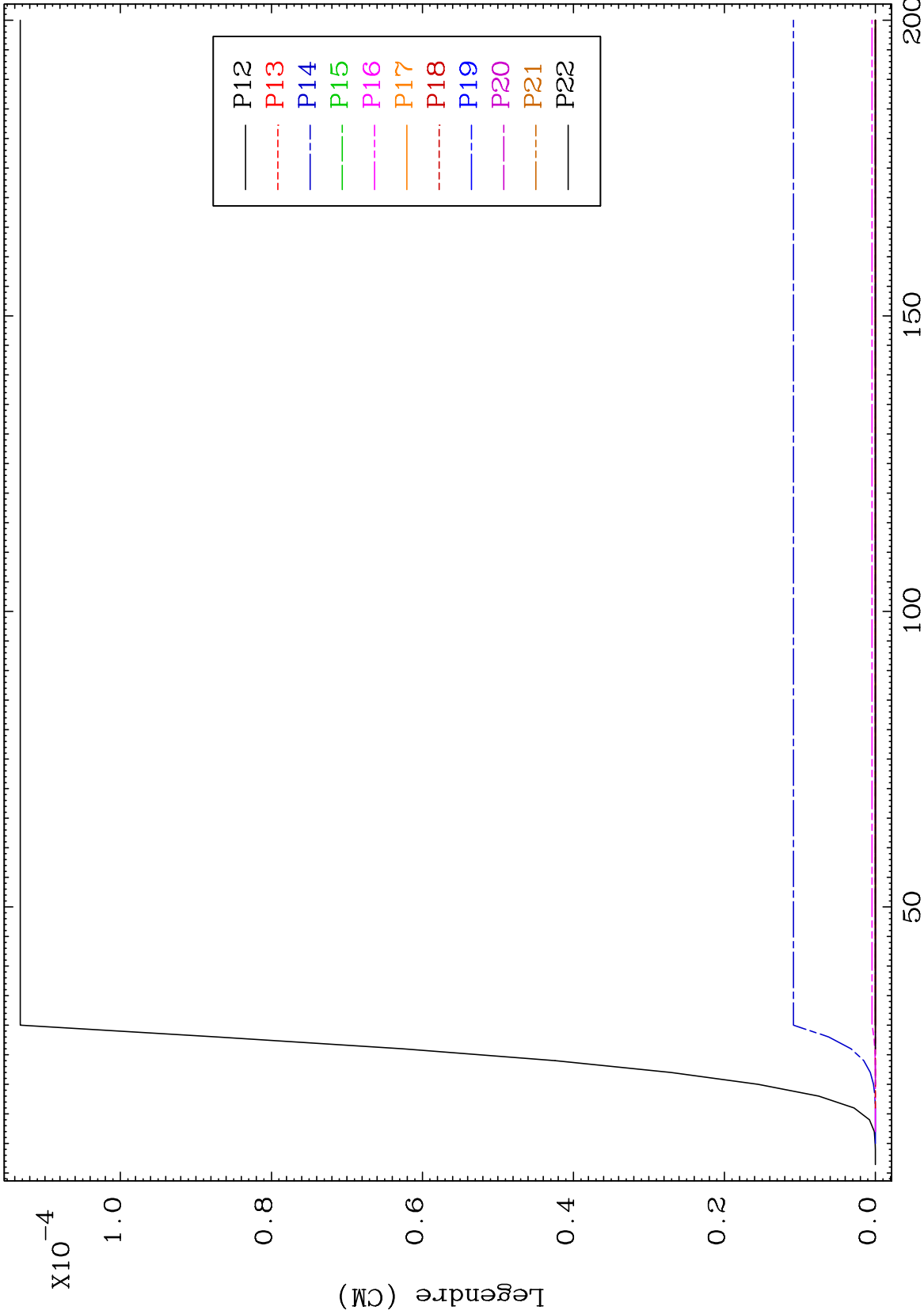
Incident Energy (MeV)

28-Ni-57

MAT 2822

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

28-Ni-57

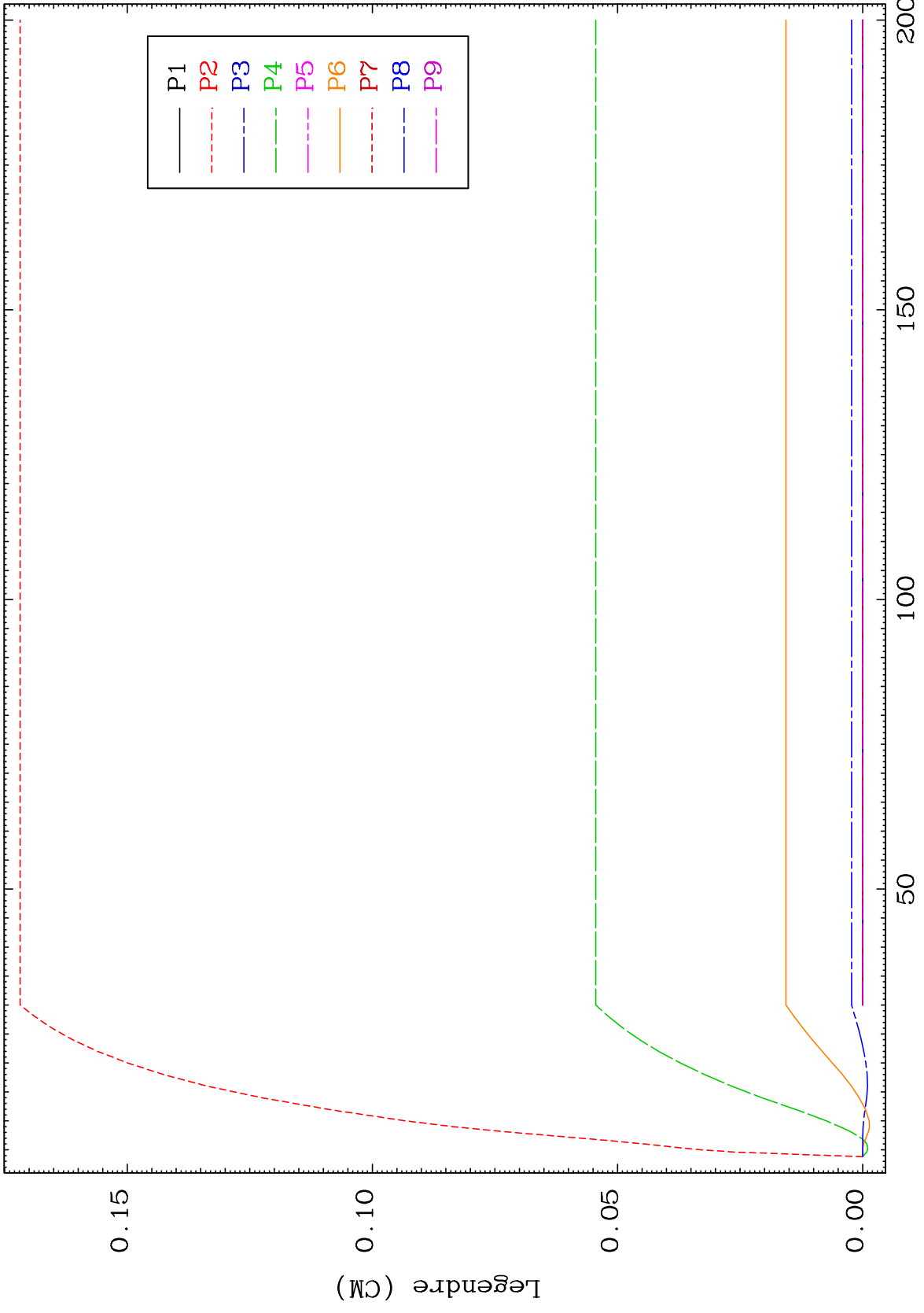


48

Incident Energy (MeV)

28-Ni-57

MAT 2822 MT= 62 (n,n') Level Legendre Coefficients 28-Ni-57

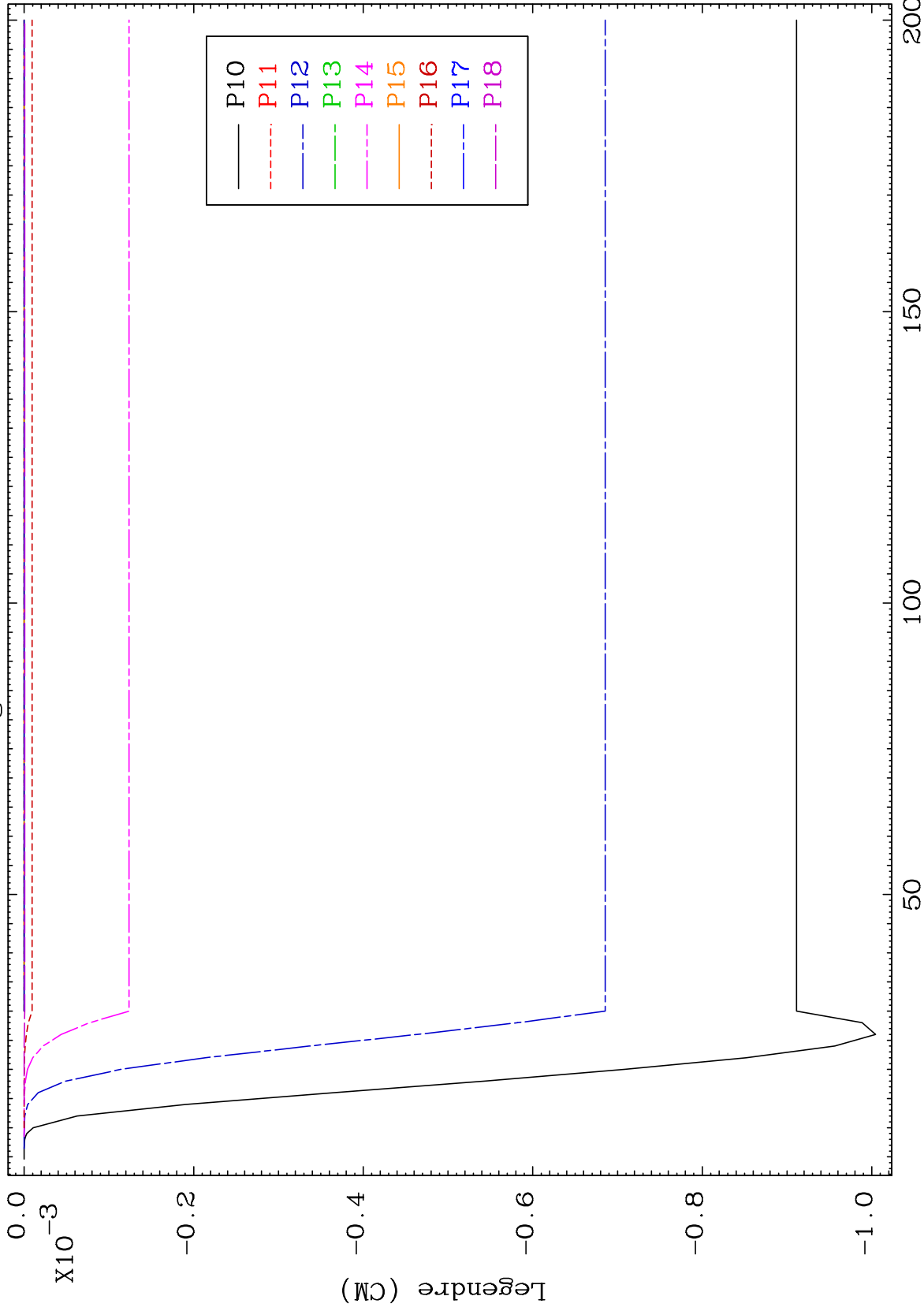


49 Incident Energy (MeV) 28-Ni-57

MAT 2822

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

28-Ni-57

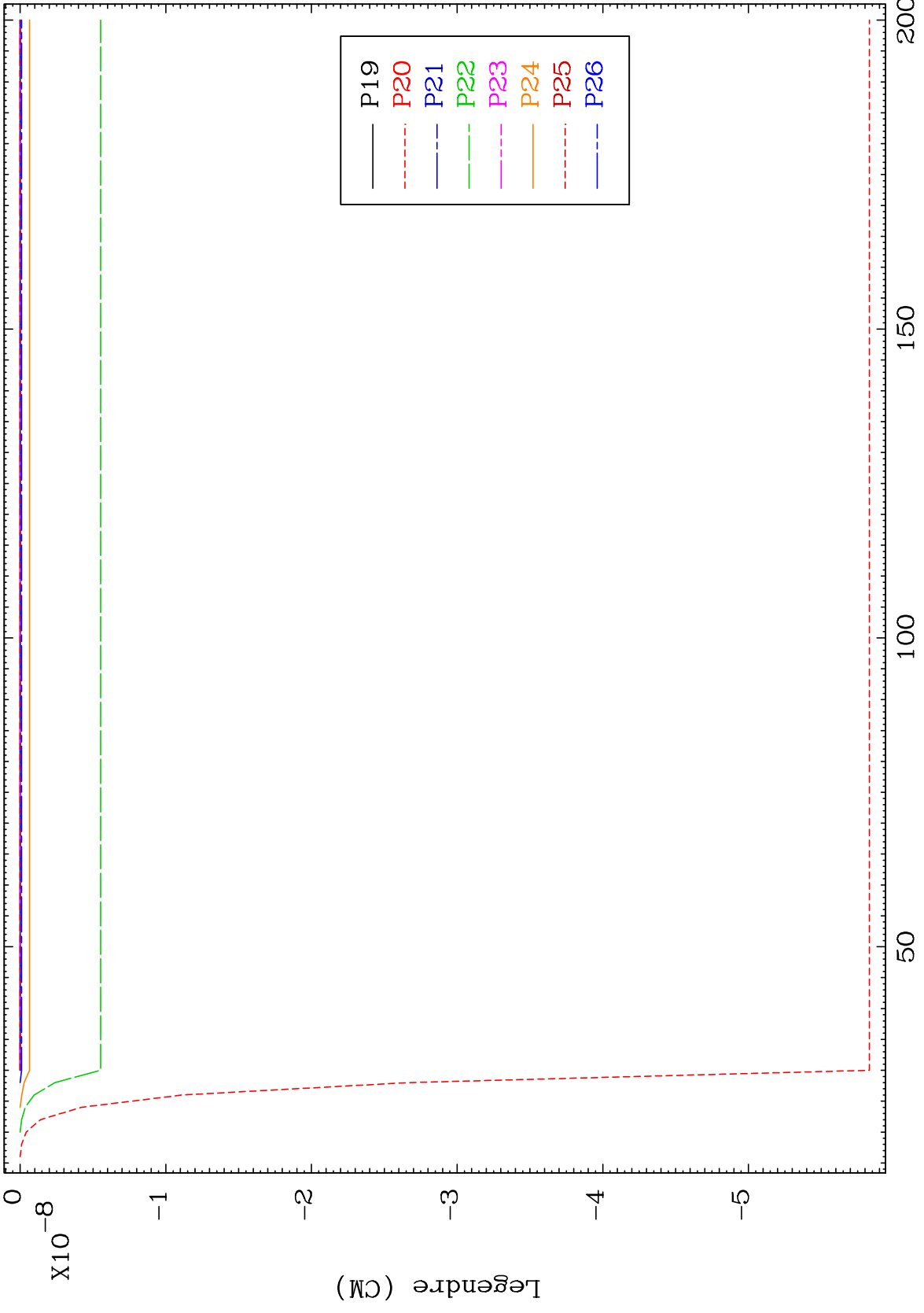


28-Ni-57

Incident Energy (MeV)

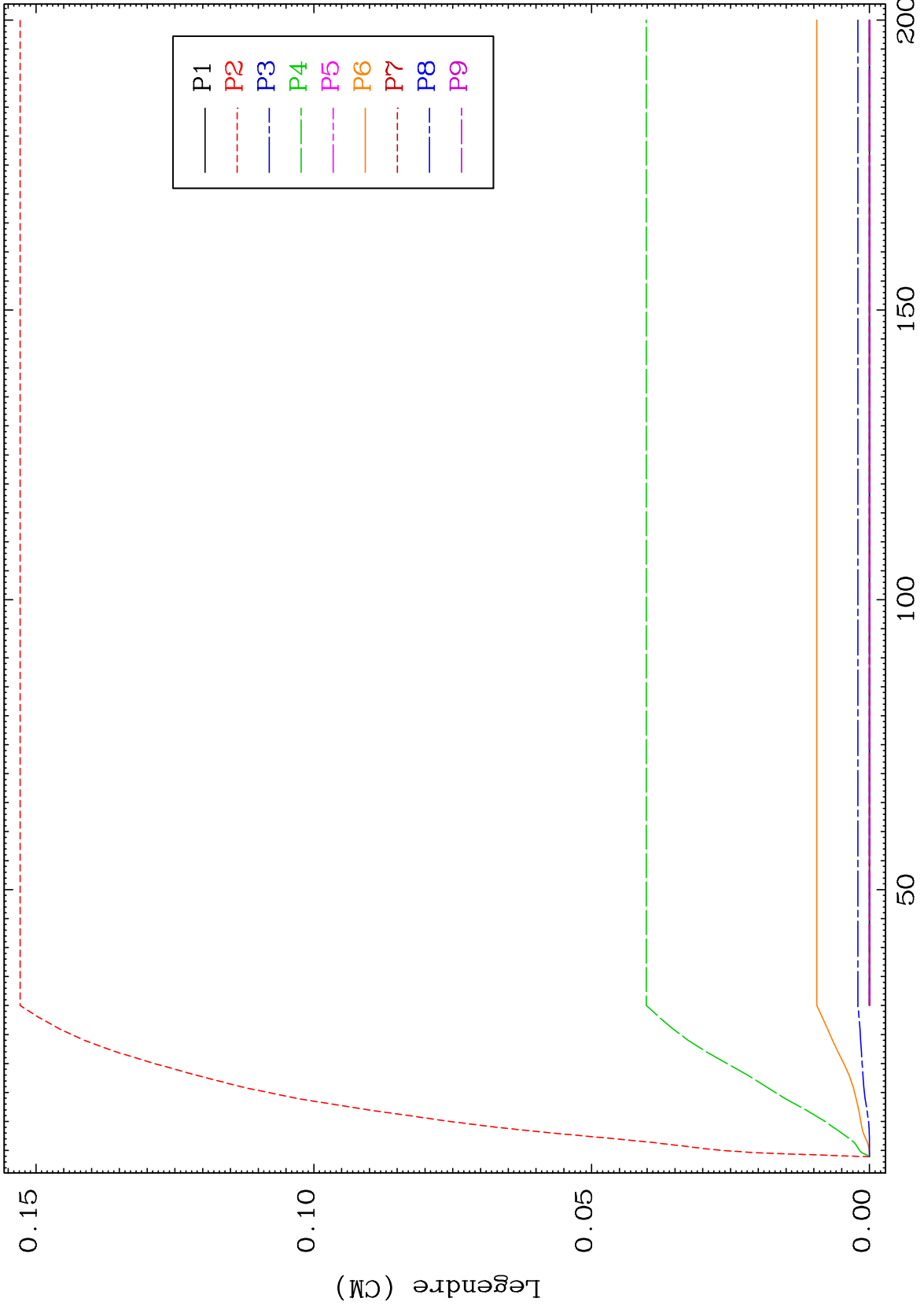
50

MAT 2822 MT= 62 (n,n') Level Legendre Coefficients 28-Ni-57



51 Incident Energy (MeV) 28-Ni-57

MAT 2822 MT= 63 (n,n') Level Legendre Coefficients 28-Ni-57

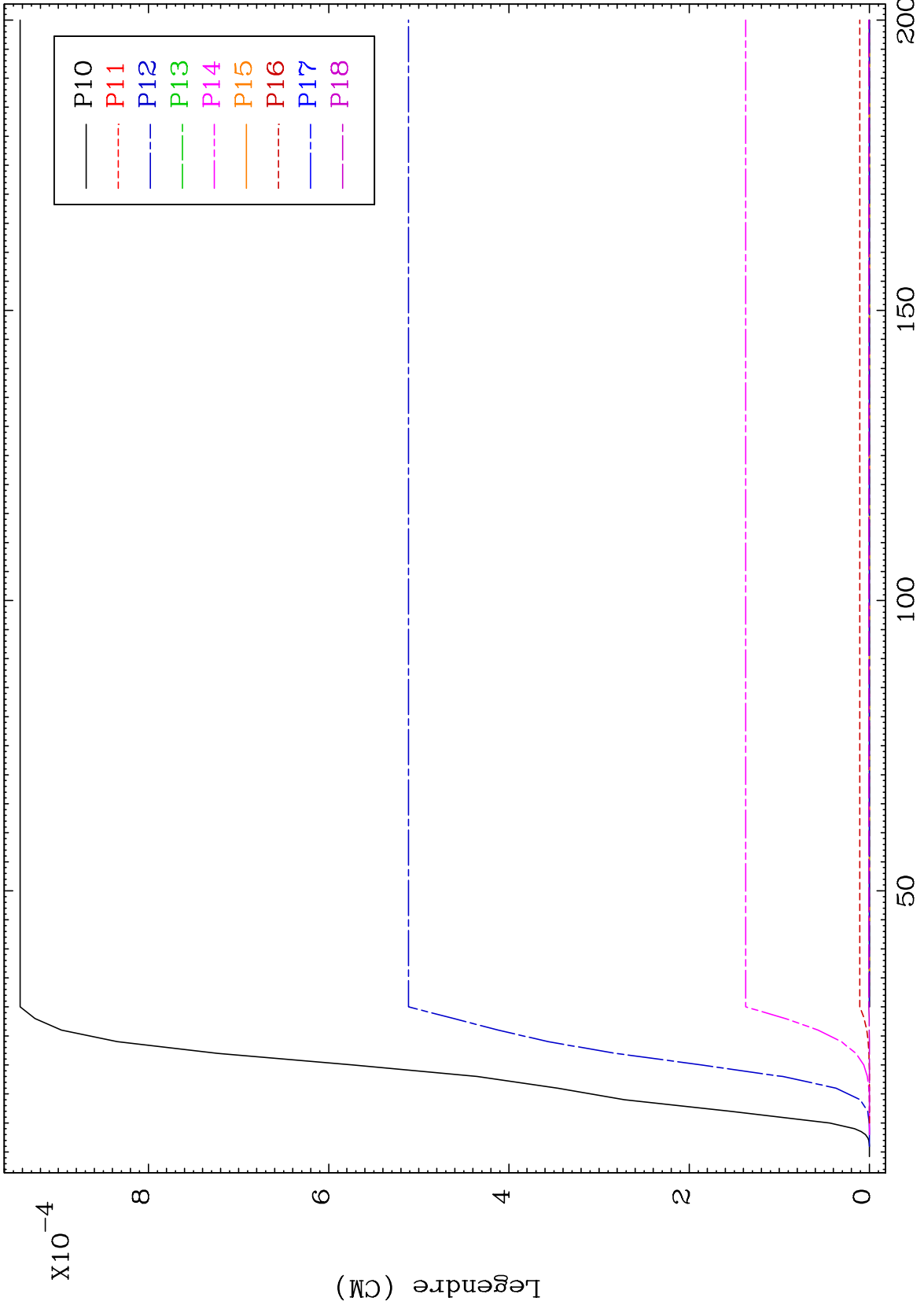


52 Incident Energy (MeV) 200 28-Ni-57

MAT 2822

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

28-Ni-57

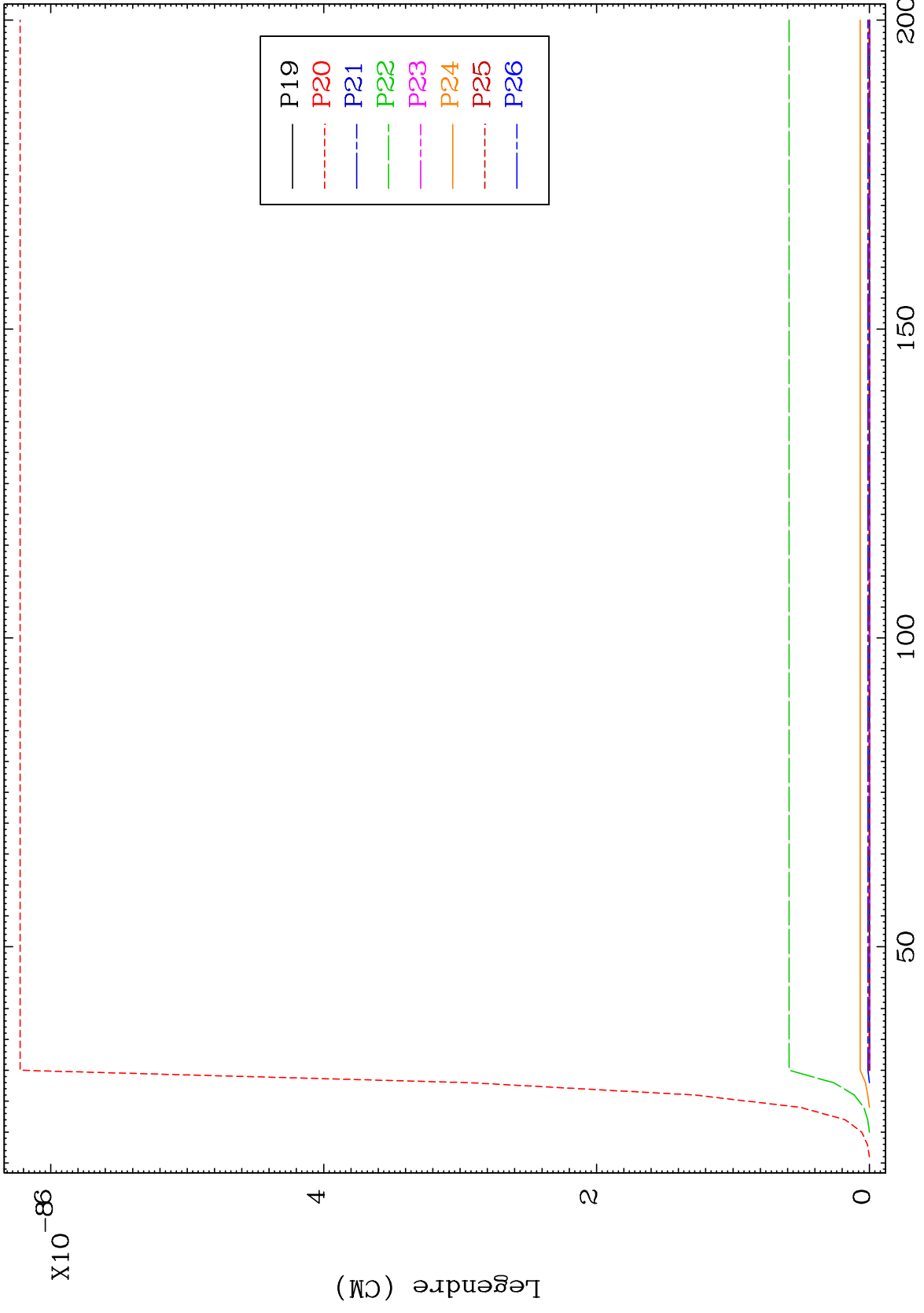


53

Incident Energy (MeV)

28-Ni-57

MAT 2822 MT= 63 (n,n') Level Legendre Coefficients 28-Ni-57

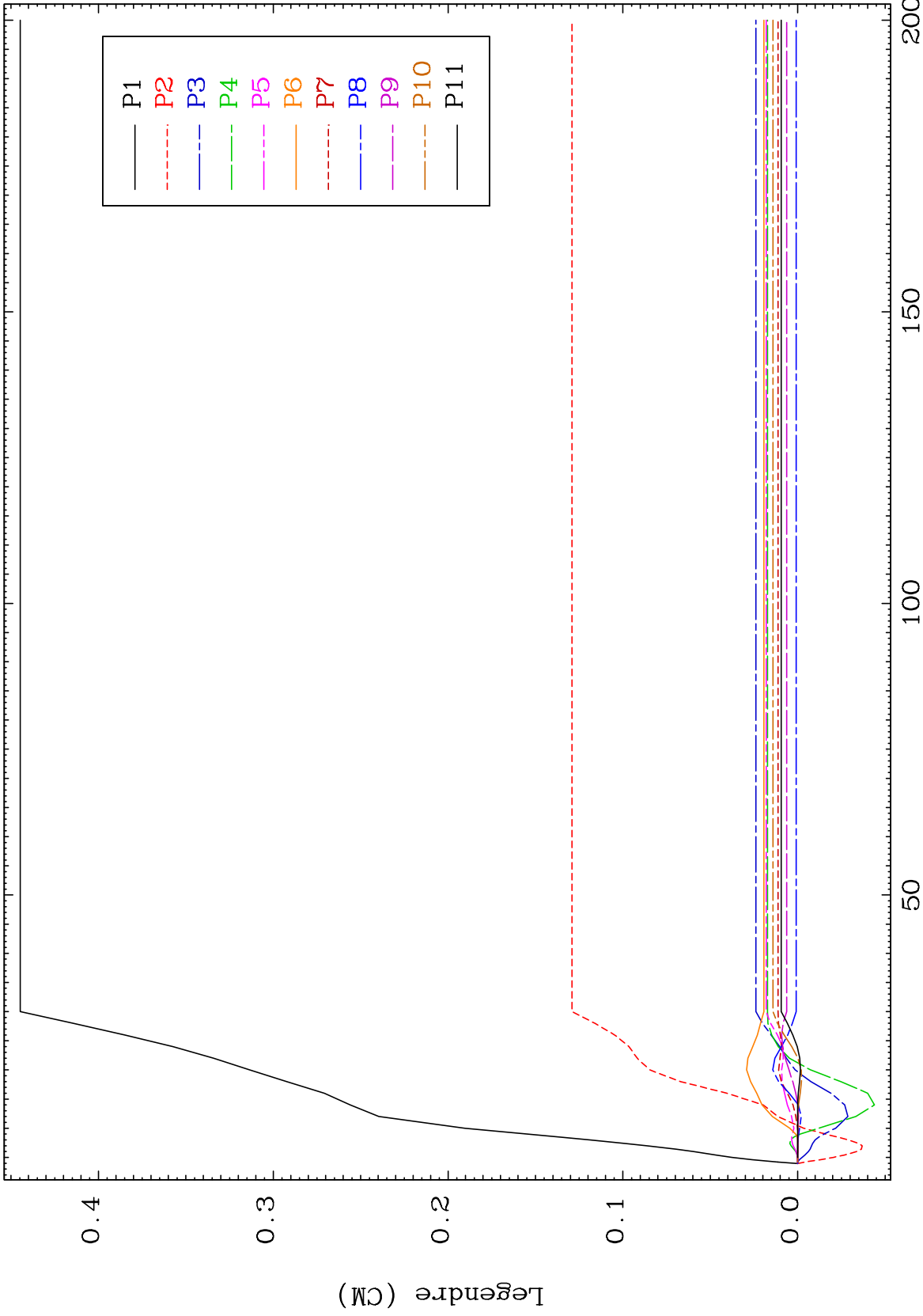


54 Incident Energy (MeV) 28-Ni-57

MAT 2822

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

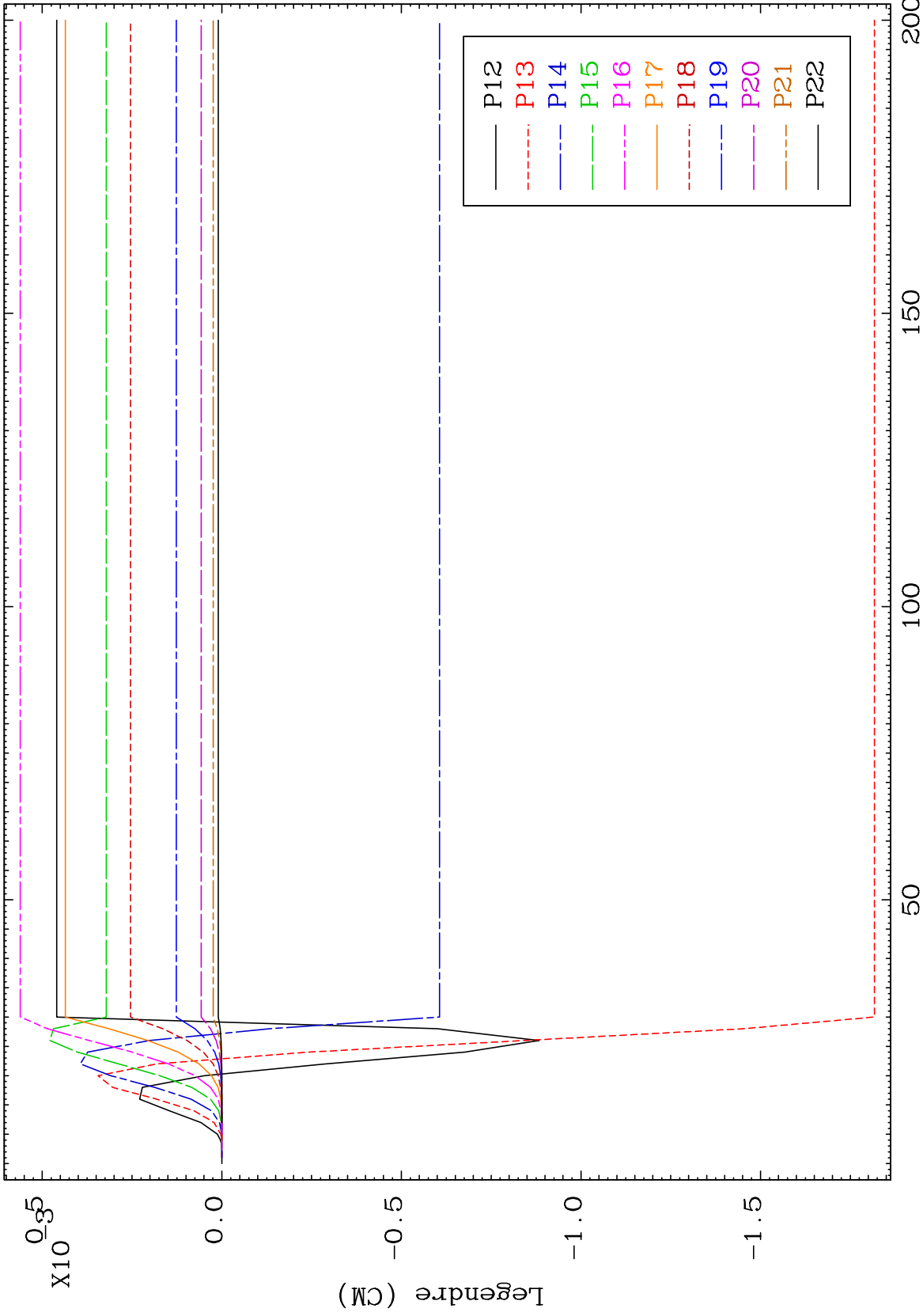
28-Ni-57



55

Incident Energy (MeV)

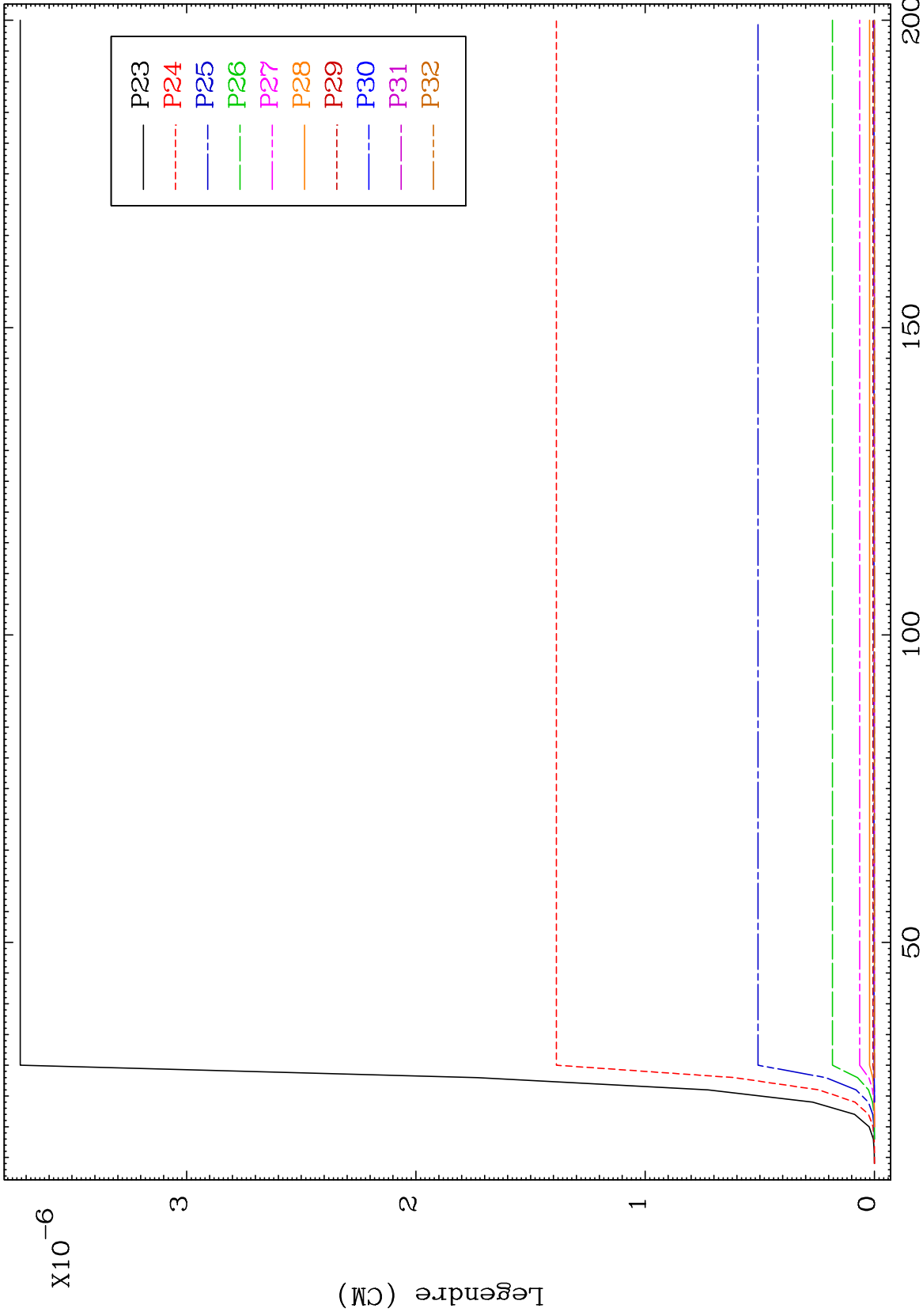
28-Ni-57



MAT 2822

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

28-Ni-57

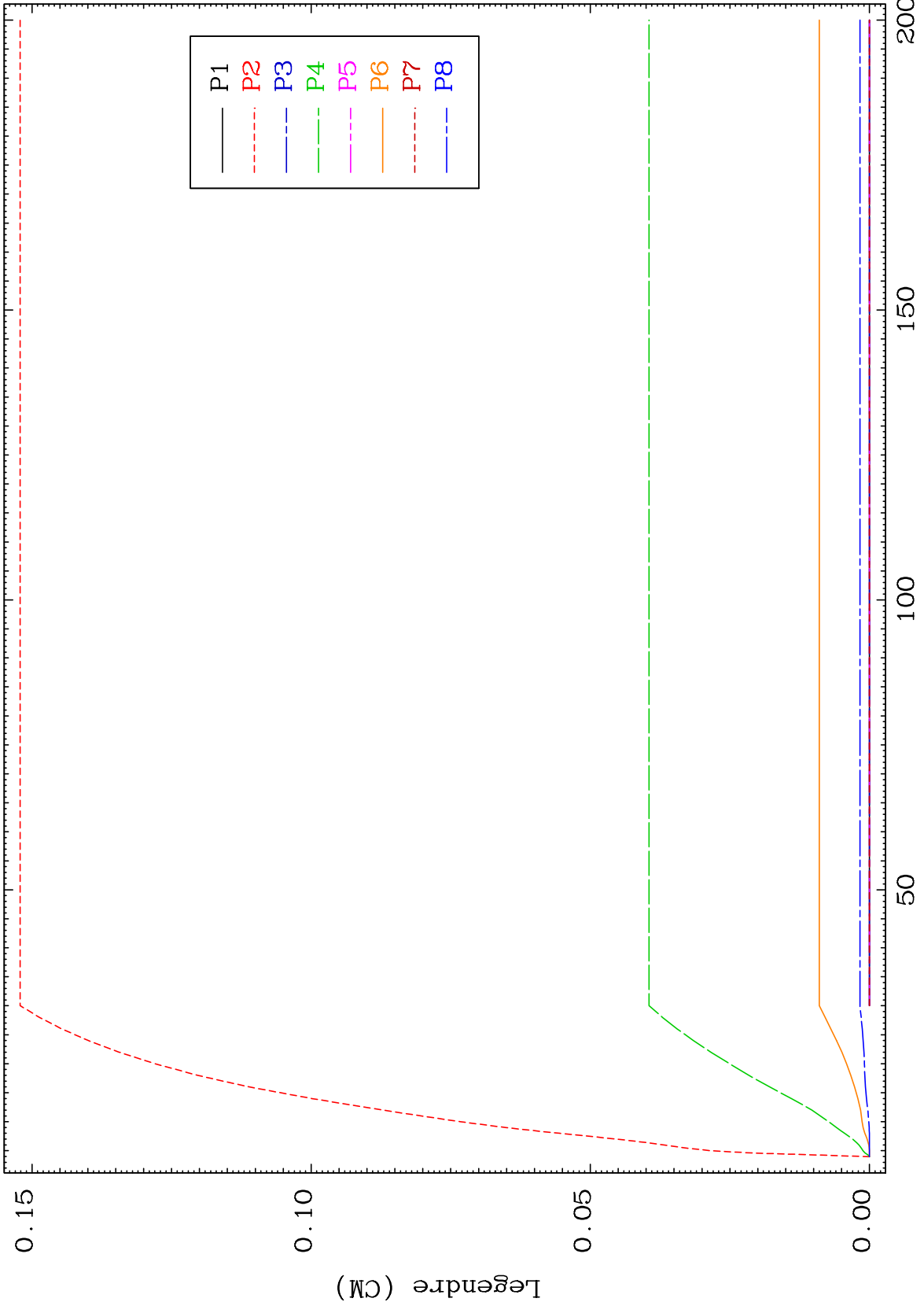


57

Incident Energy (MeV)

28-Ni-57

MAT 2822 MT= 65 (n,n') Level Legendre Coefficients 28-Ni-57

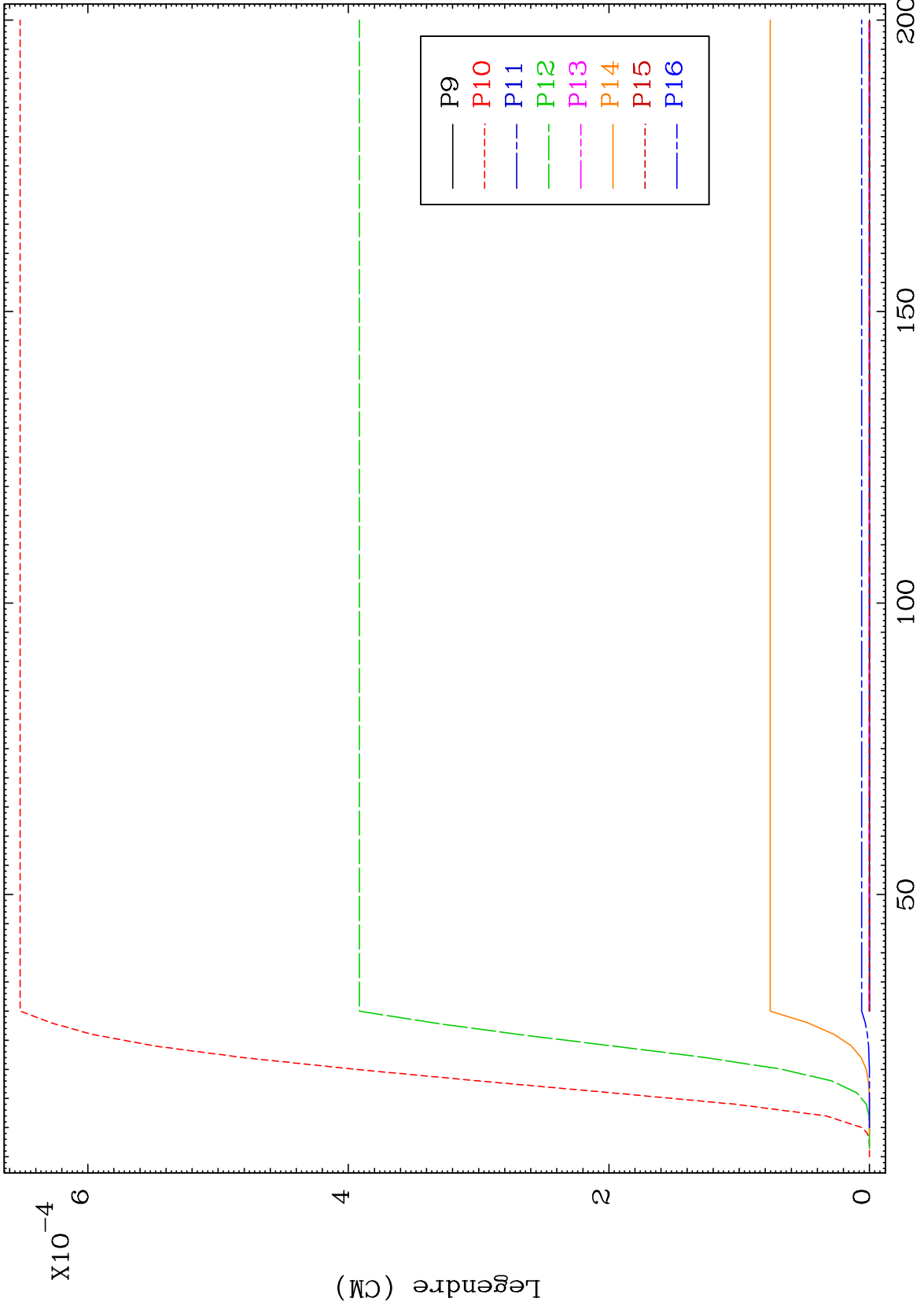


58 Incident Energy (MeV) 200 28-Ni-57

MAT 2822

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

28-Ni-57

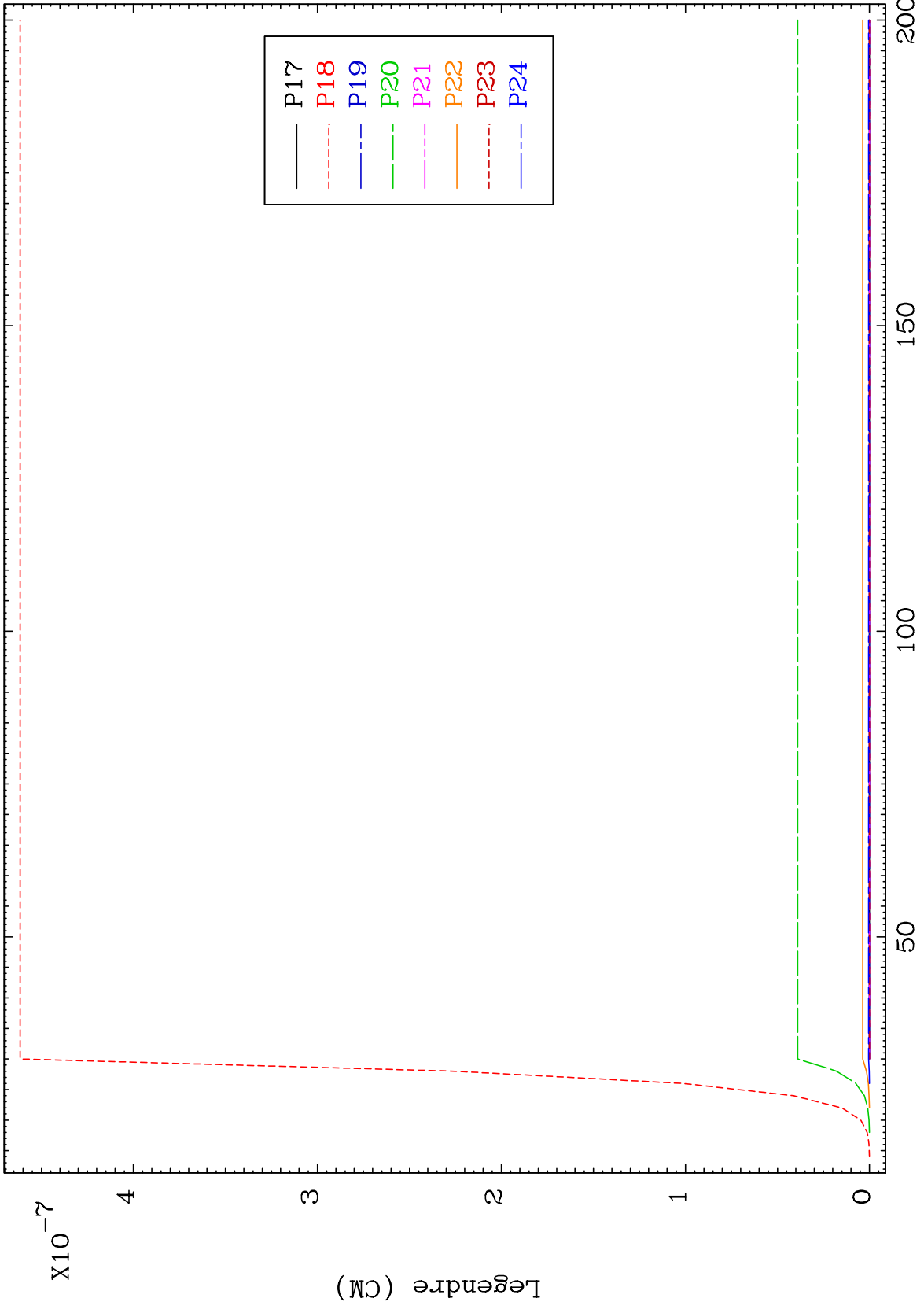


59

Incident Energy (MeV)

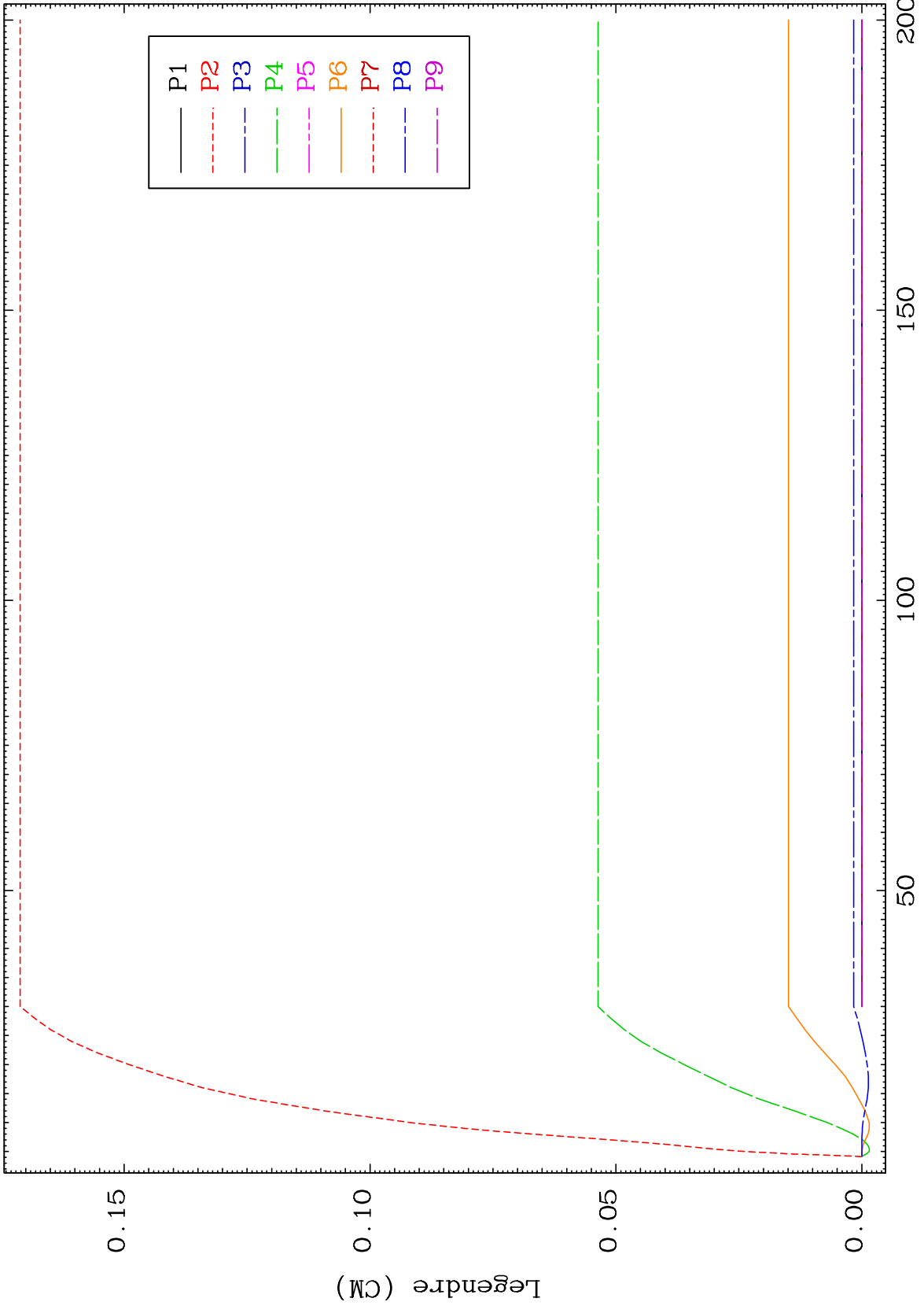
28-Ni-57

MAT 2822 MT= 65 (n,n') Level Legendre Coefficients 28-Ni-57



28-Ni-57

MAT 2822 MT= 66 (n,n') Level Legendre Coefficients 28-Ni-57

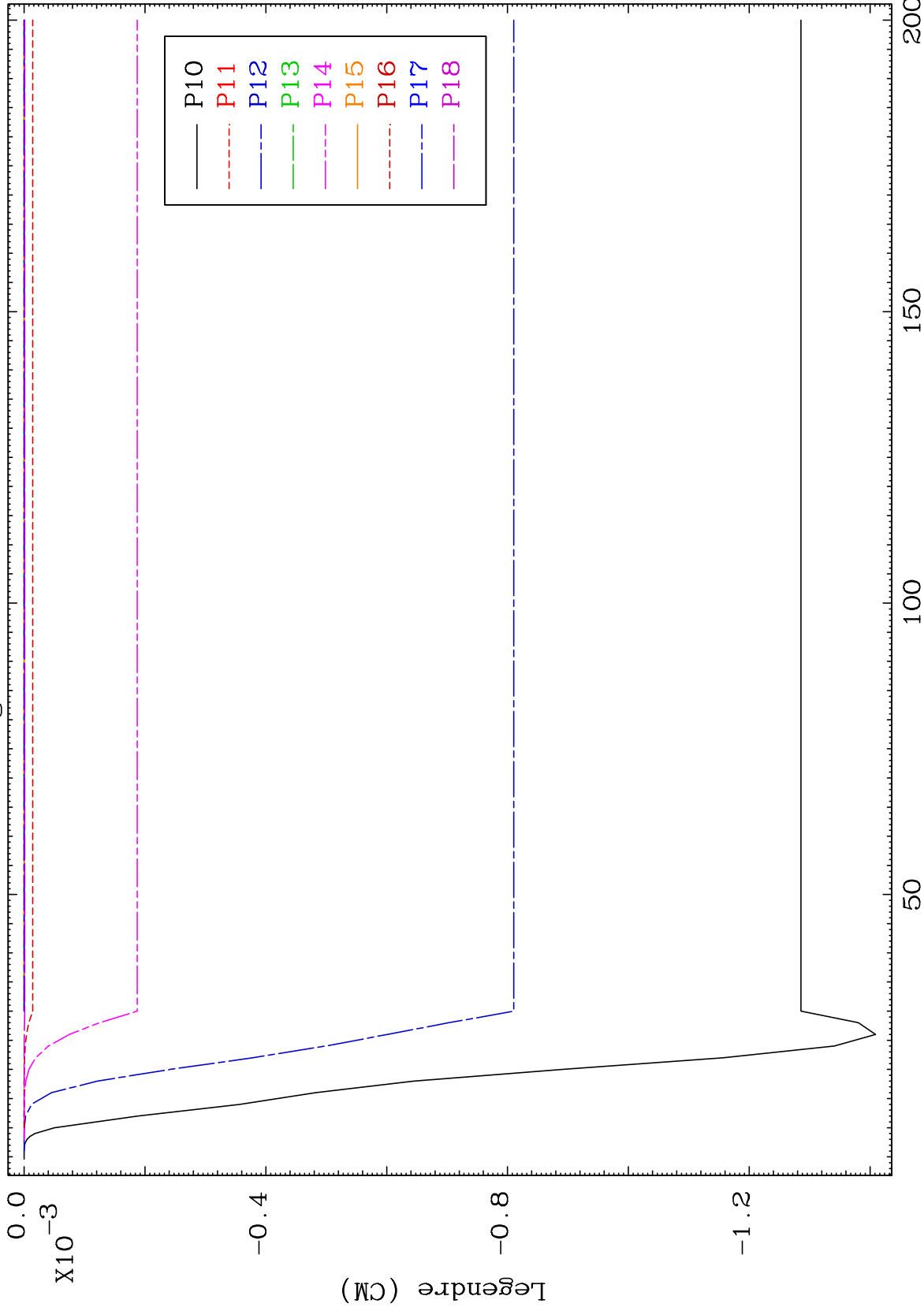


61 28-Ni-57

MAT 2822

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

28-Ni-57



28-Ni-57

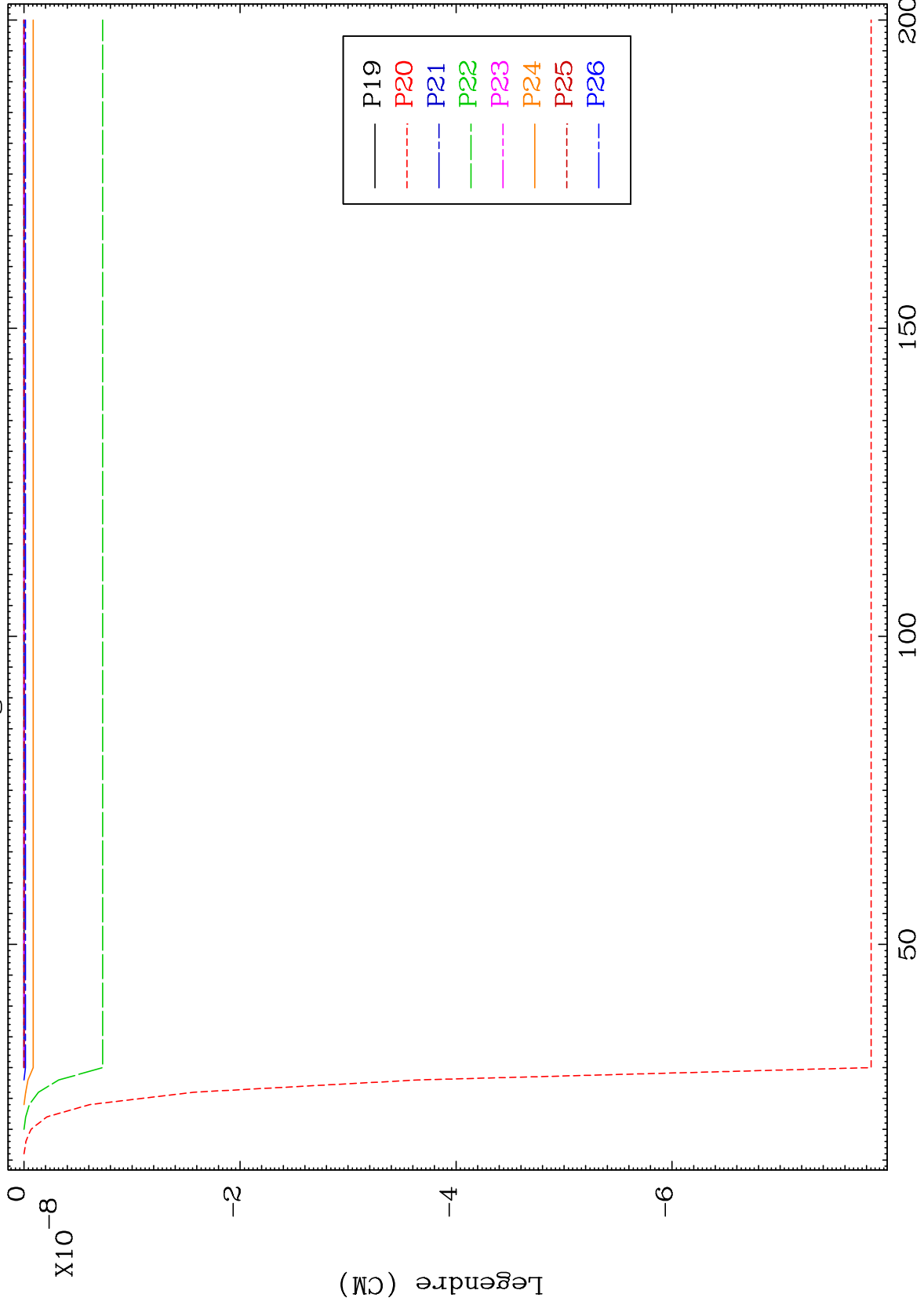
Incident Energy (MeV)

62

MAT 2822

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

28-Ni-57



28-Ni-57

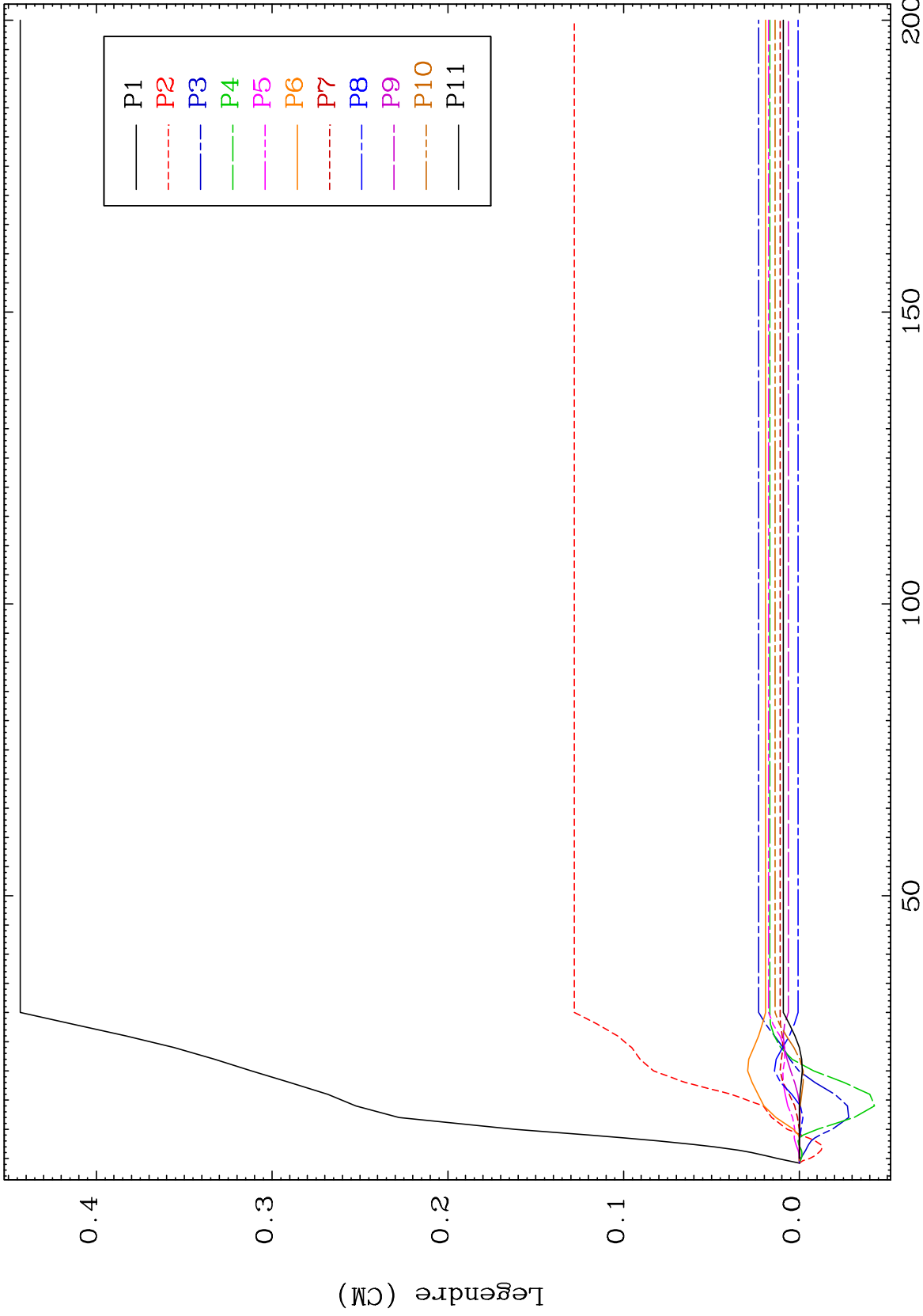
Incident Energy (MeV)

63

MAT 2822

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

28-Ni-57



64

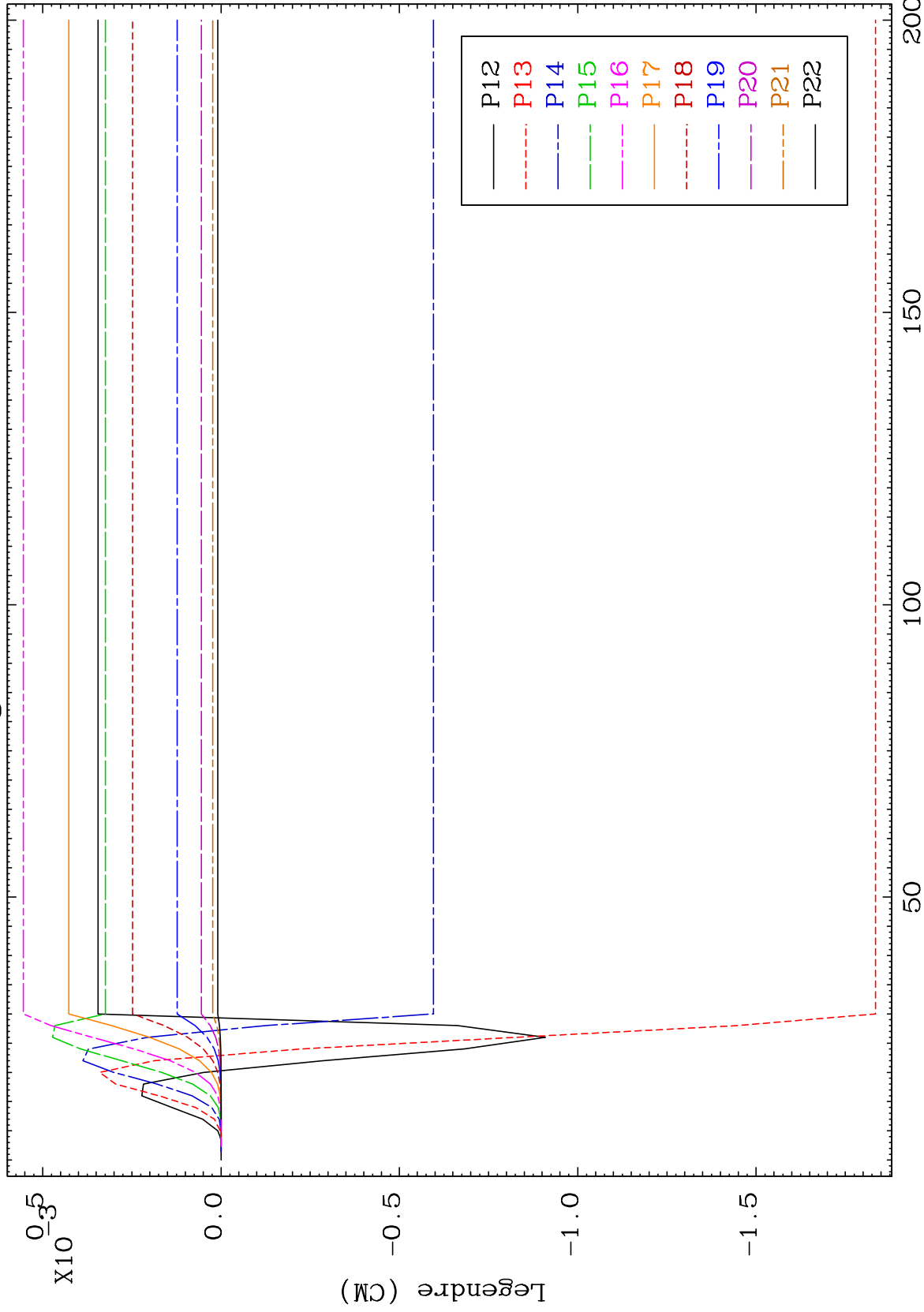
Incident Energy (MeV)

28-Ni-57

MAT 2822

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

28-Ni-57



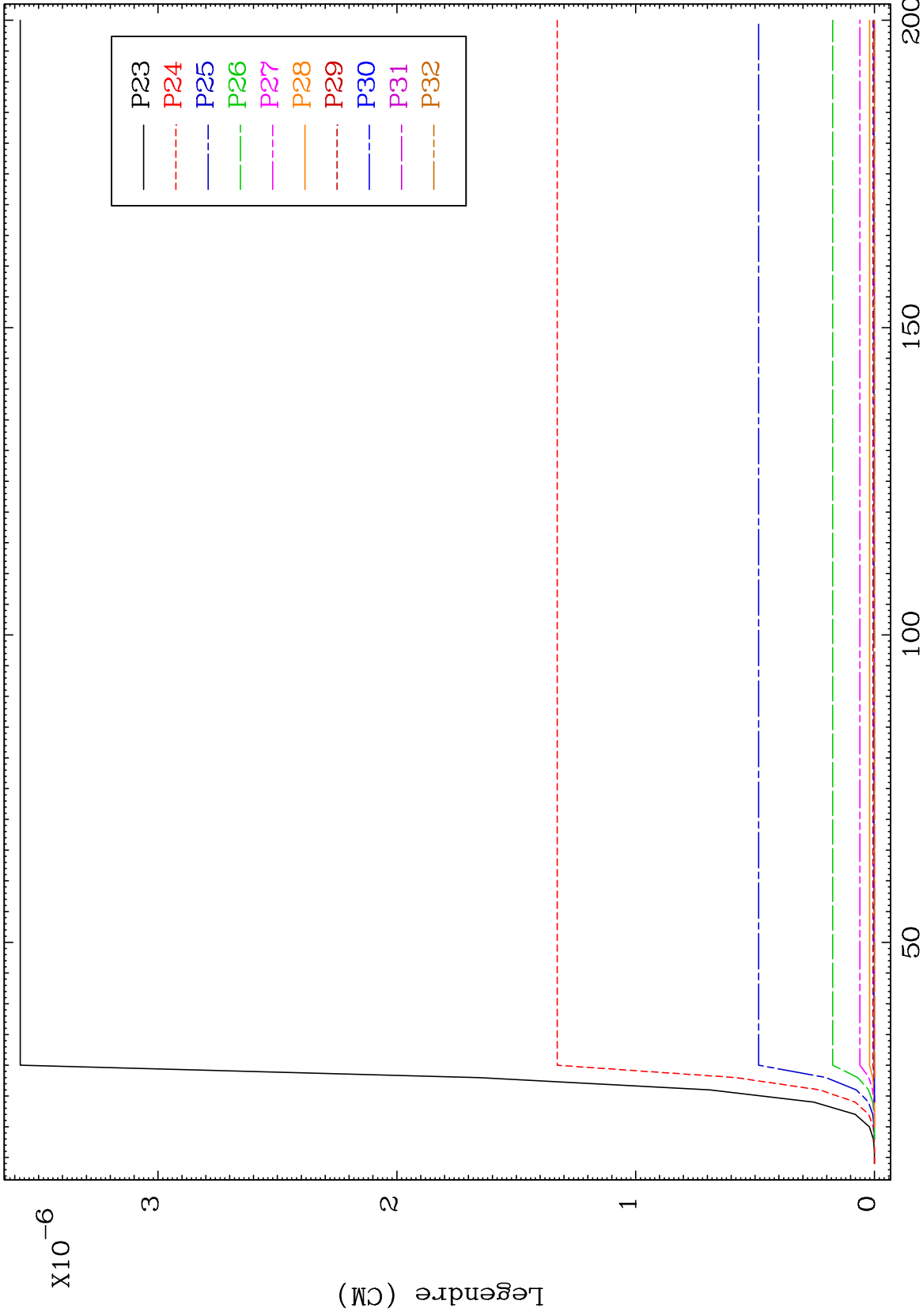
65

28-Ni-57

MAT 2822

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

28-Ni-57



66

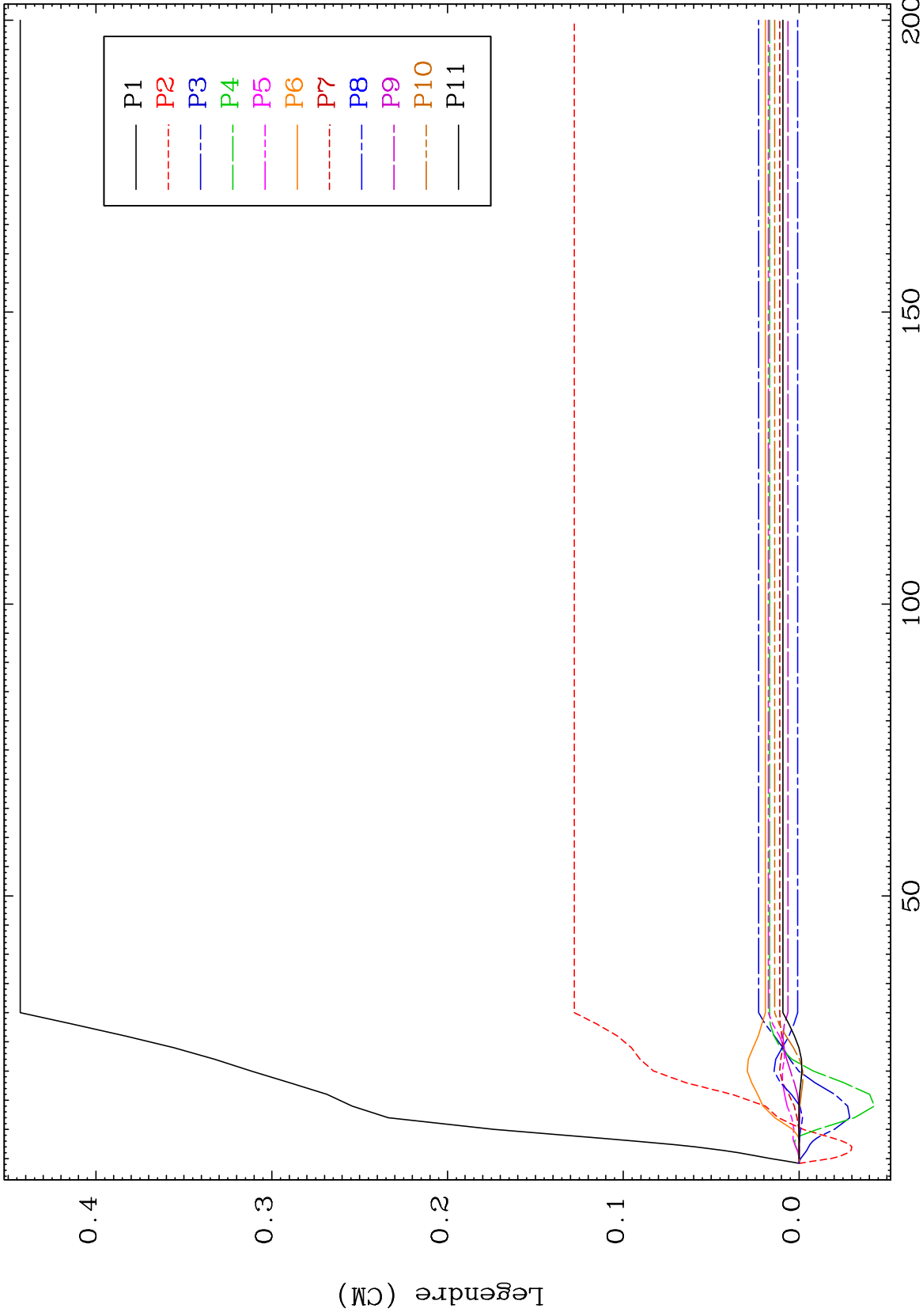
Incident Energy (MeV)

28-Ni-57

MAT 2822

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

28-Ni-57



67

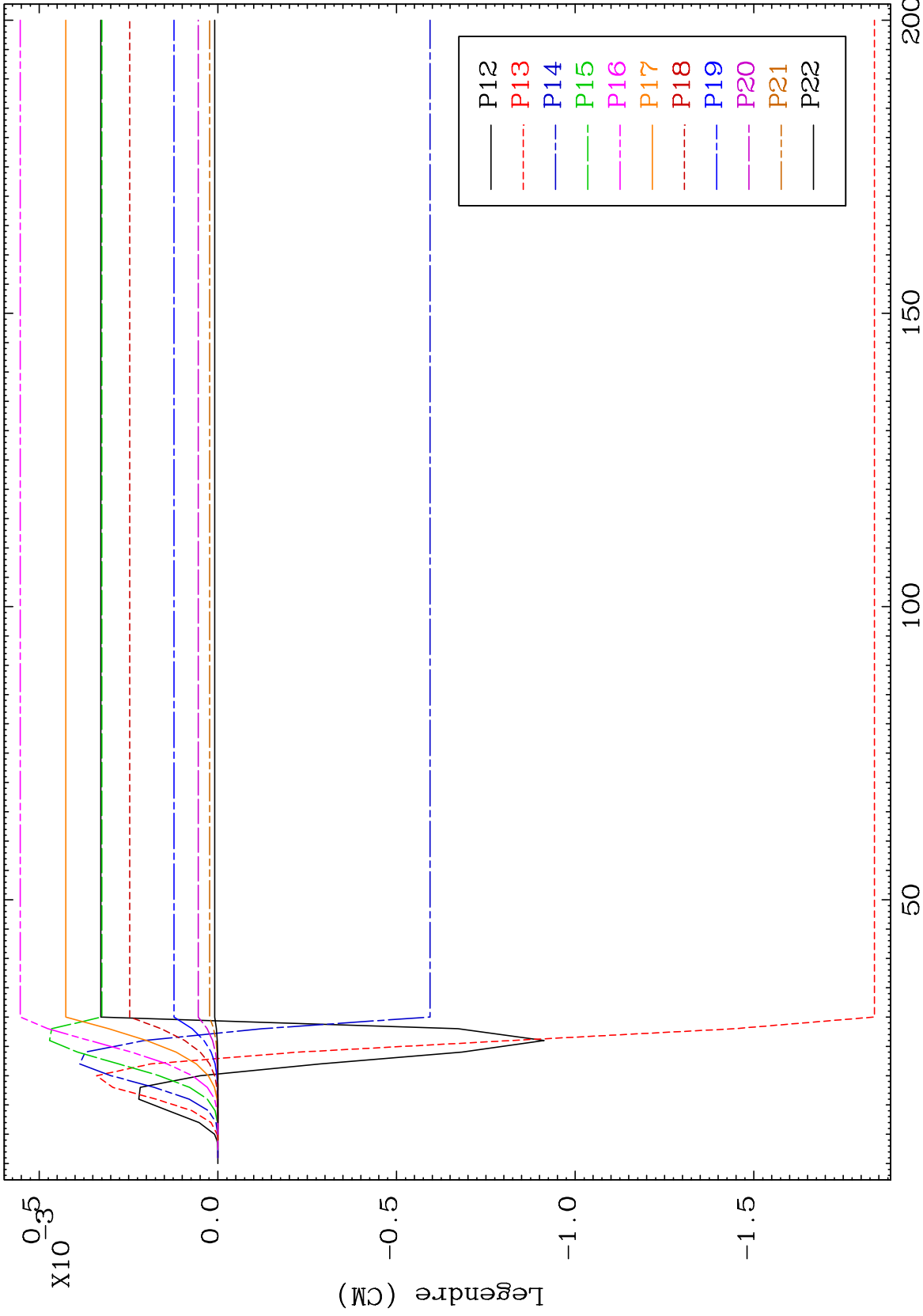
Incident Energy (MeV)

28-Ni-57

MAT 2822

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

28-Ni-57



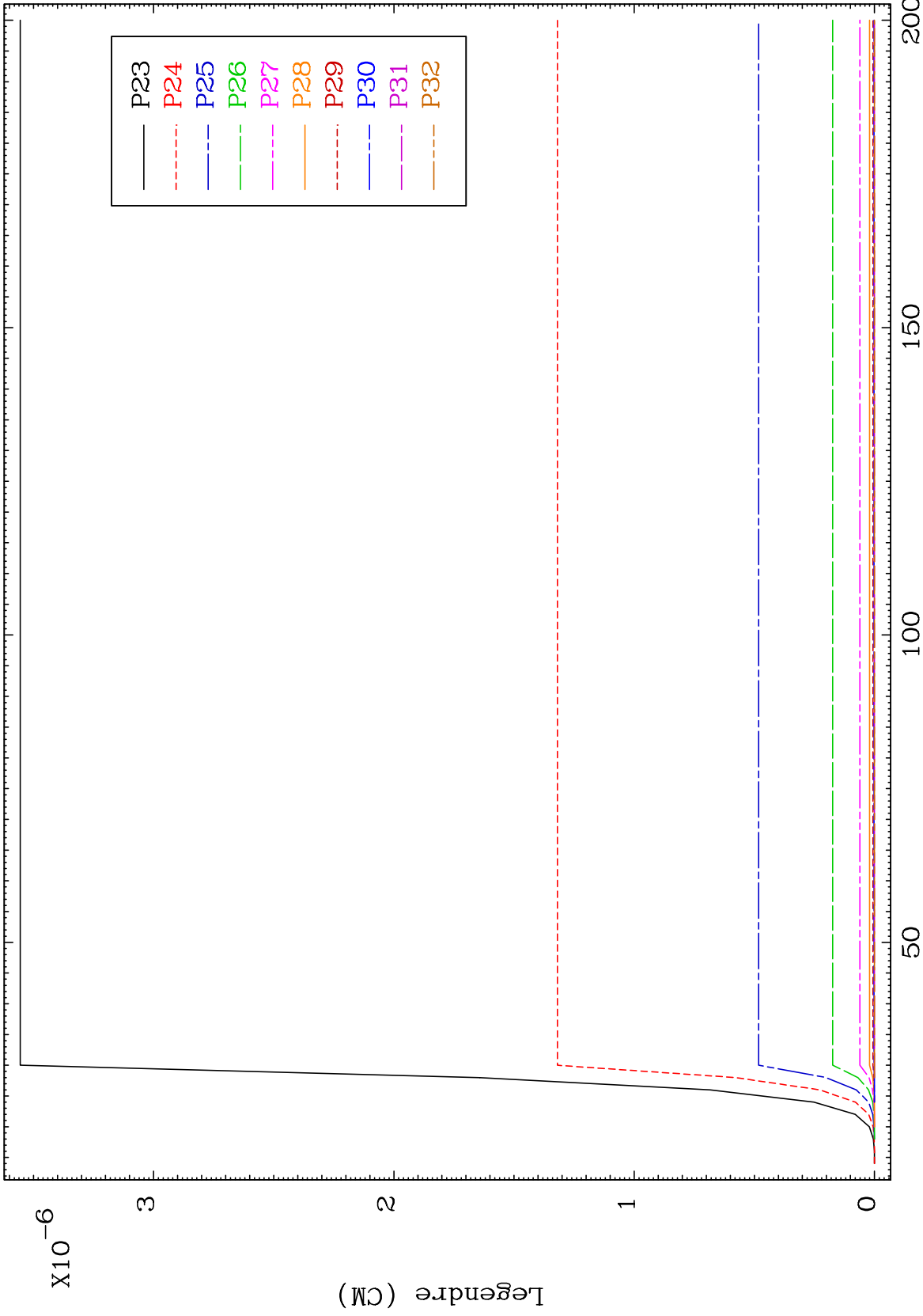
68

28-Ni-57

MAT 2822

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

28-Ni-57



69

Incident Energy (MeV)

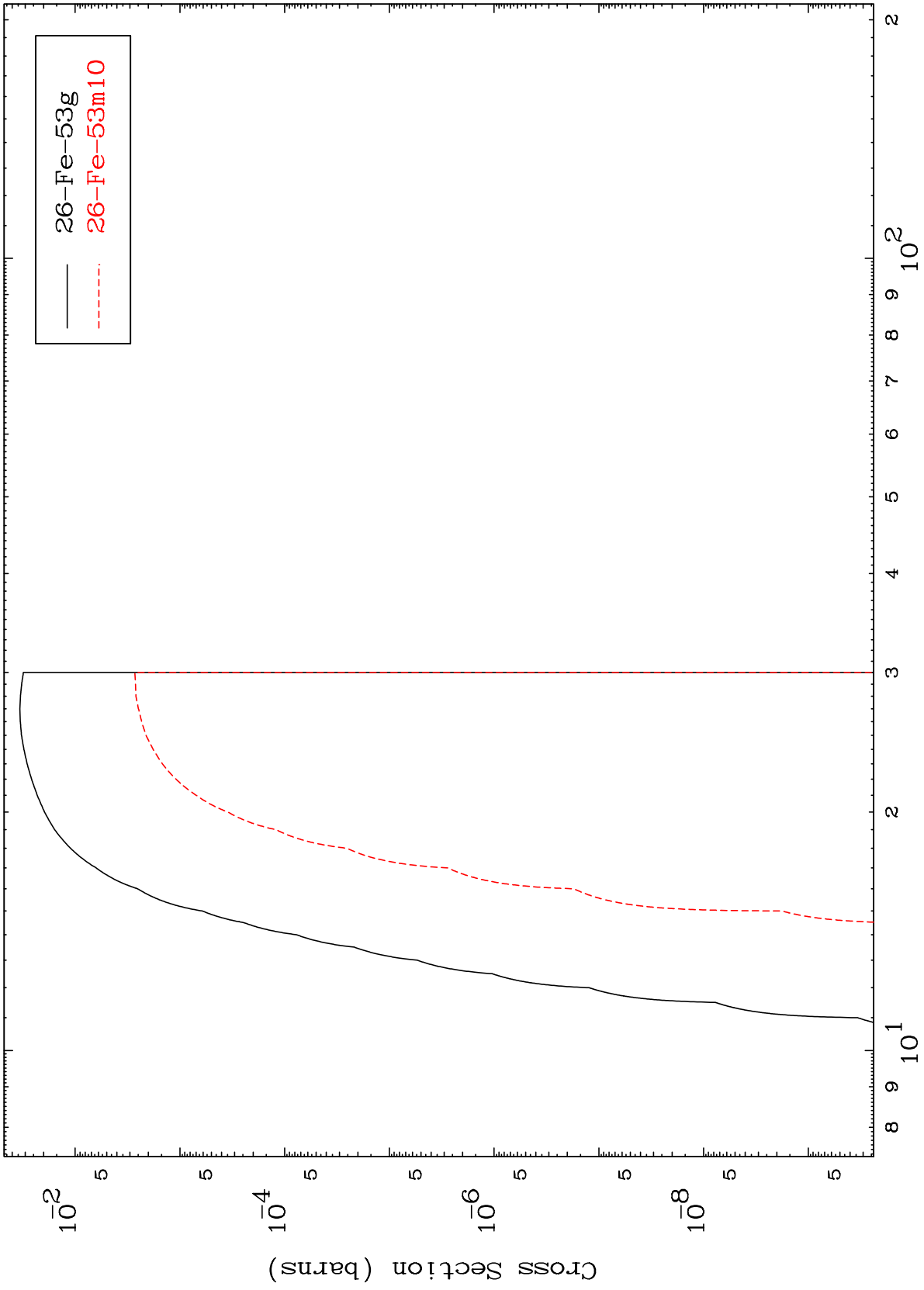
28-Ni-57

MAT 2822

(n,n') α

28-Ni-57

Radionuclide Production Cross Section



70

Incident Energy (MeV)

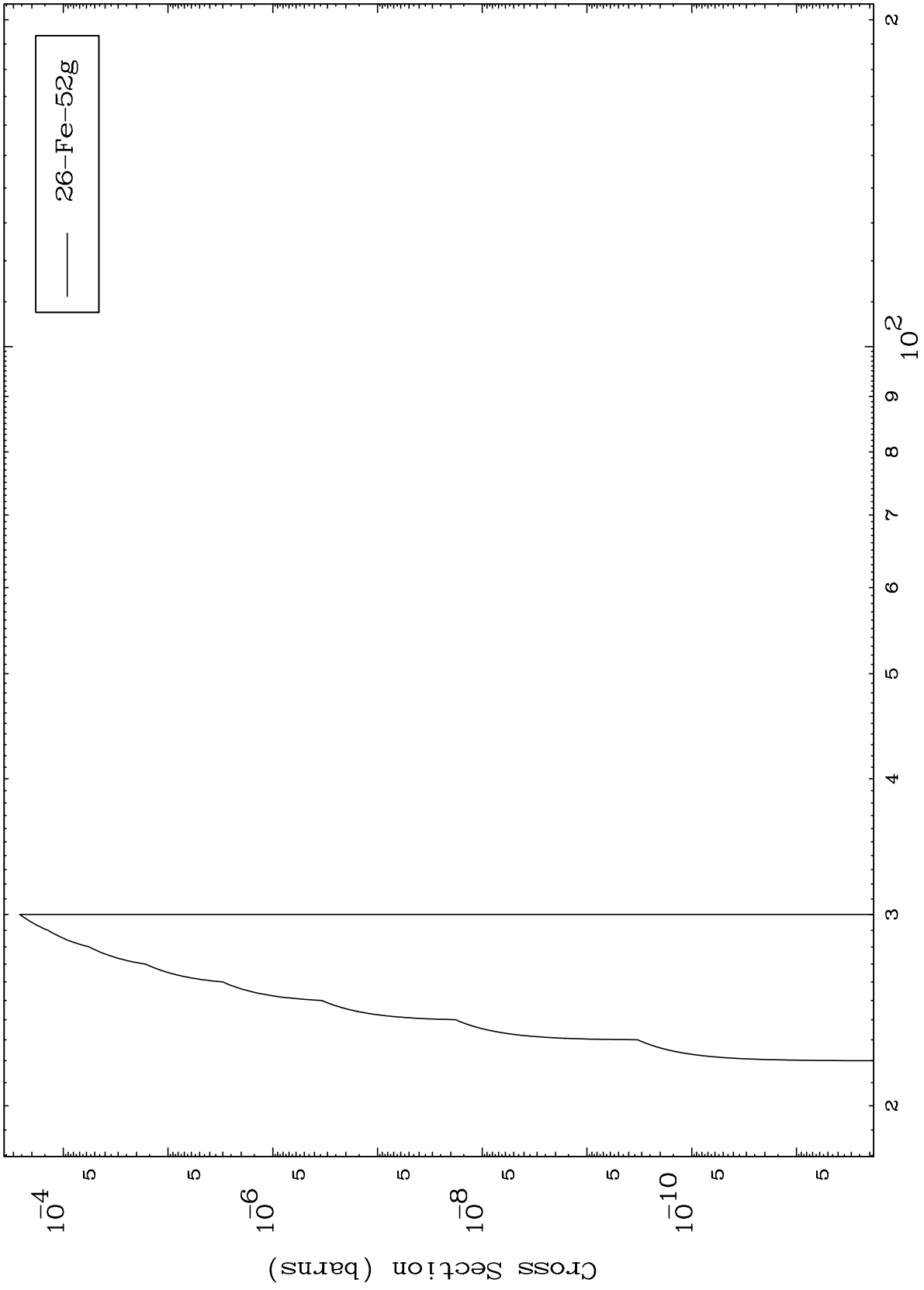
28-Ni-57

MAT 2822

(n,2n) α

28-Ni-57

Radionuclide Production Cross Section



71

Incident Energy (MeV)

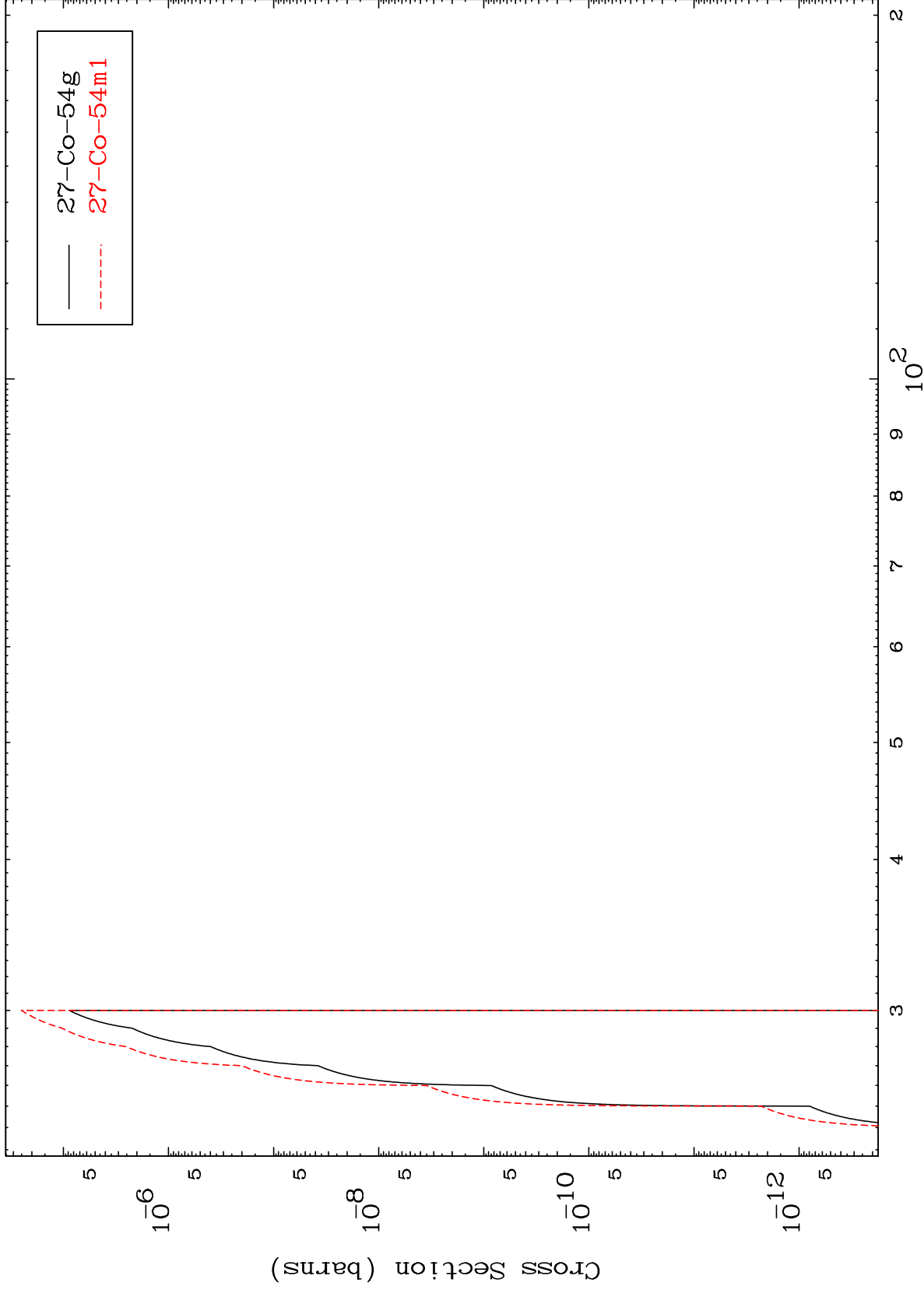
28-Ni-57

MAT 2822

(n,n') t

28-Ni-57

Radionuclide Production Cross Section



72

Incident Energy (MeV)

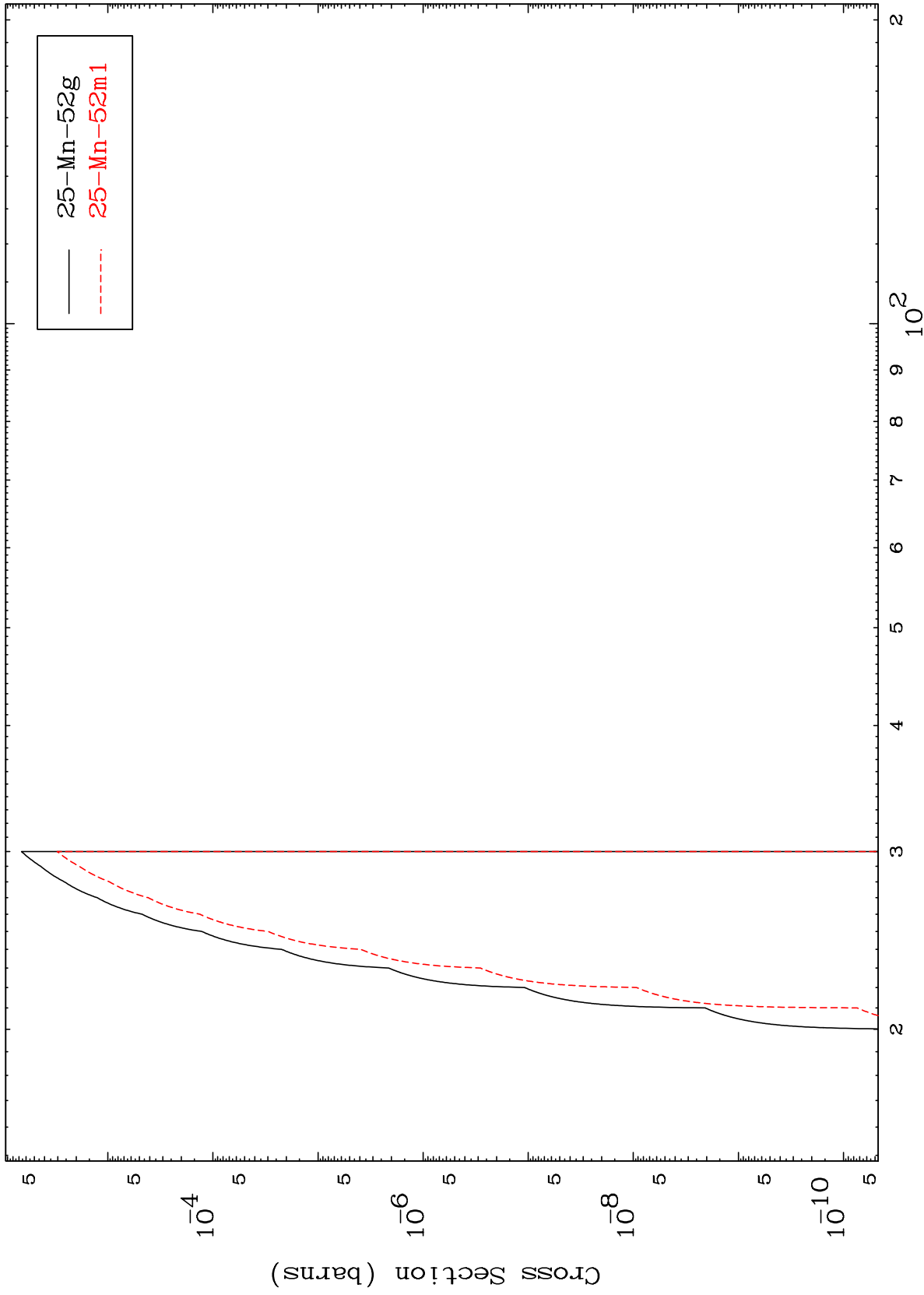
28-Ni-57

MAT 2822

(n,n') p α

²⁸Ni-57

Radionuclide Production Cross Section



73

Incident Energy (MeV)

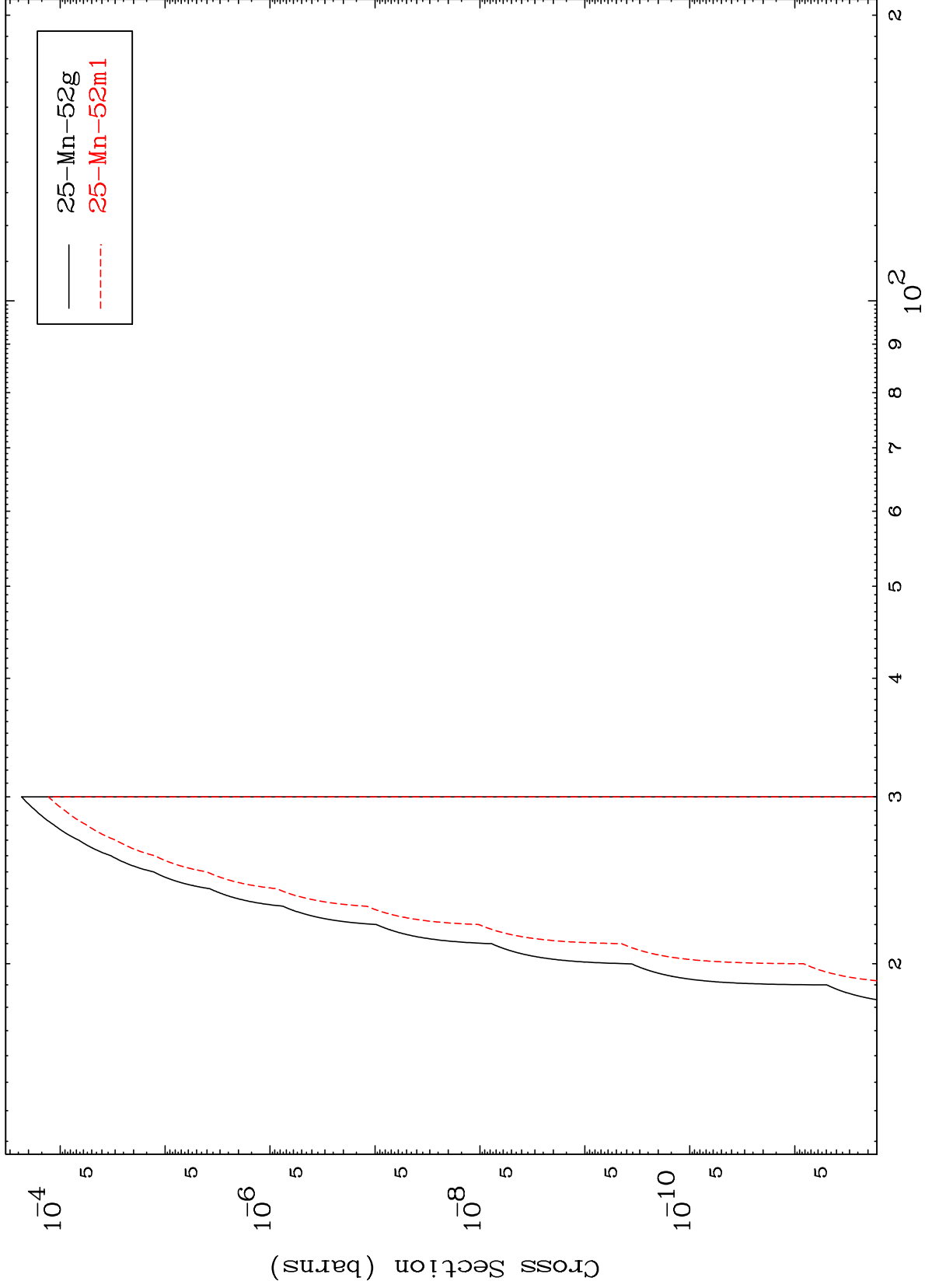
²⁸Ni-57

MAT 2822

(n,d) α

²⁸Ni-57

Radionuclide Production Cross Section



74

Incident Energy (MeV)

²⁸Ni-57