

Program EVALPLOT
(Version 2018-1)

by

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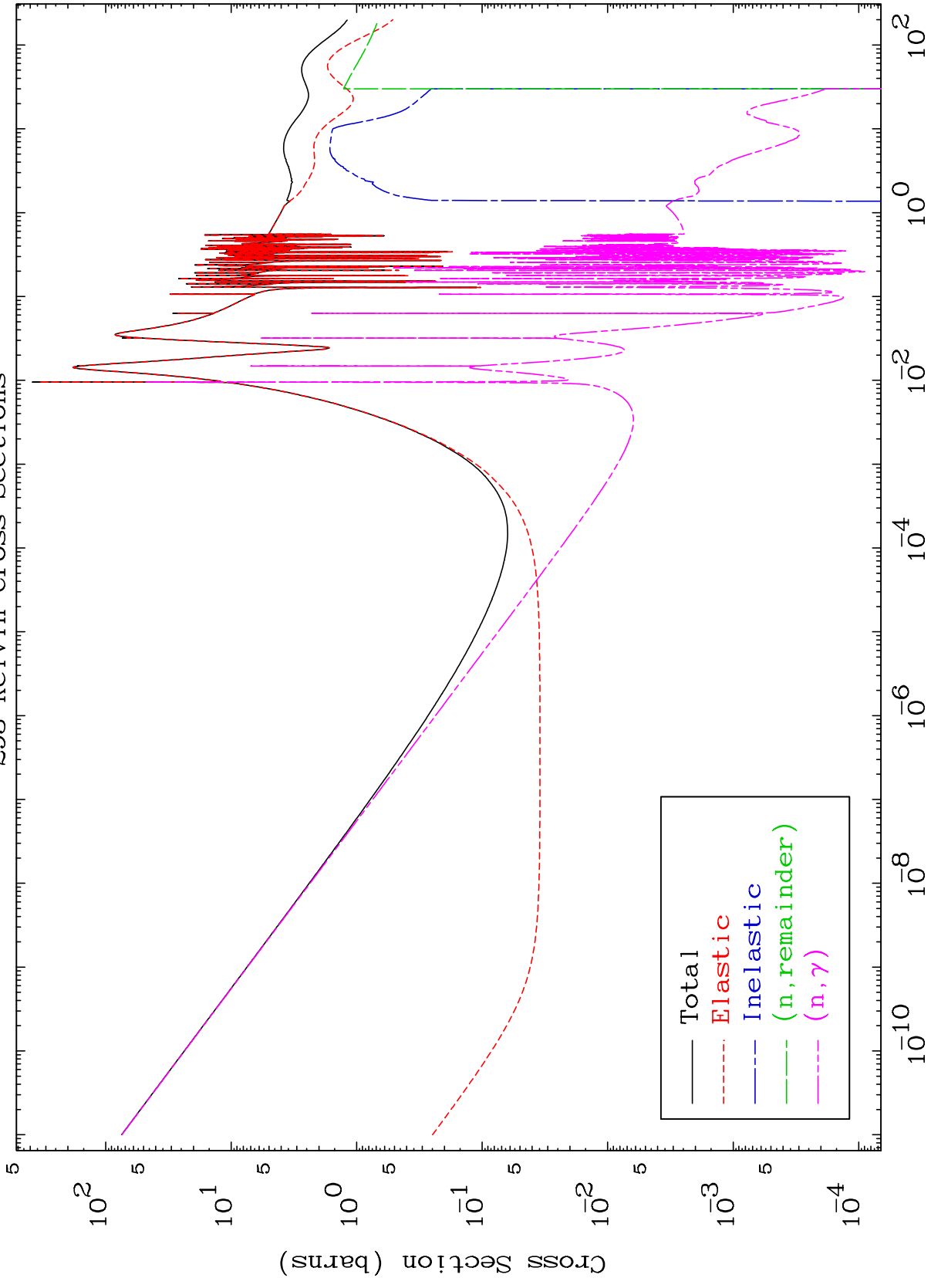
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2843

Major
293 Kelvin Cross Sections

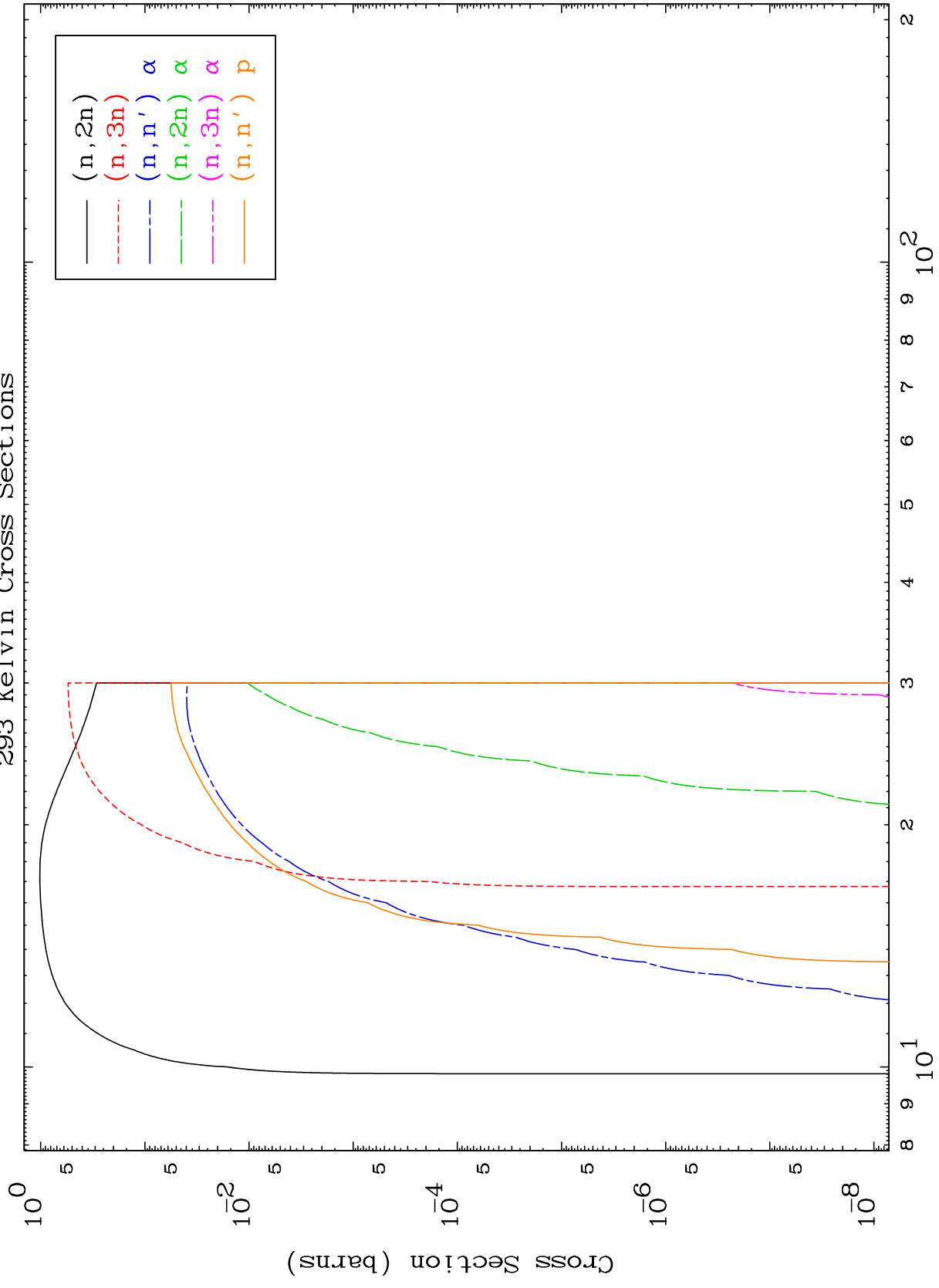
28-Ni-64



MAT 2843

Neutron Production
293 Kelvin Cross Sections

28-Ni-64



2

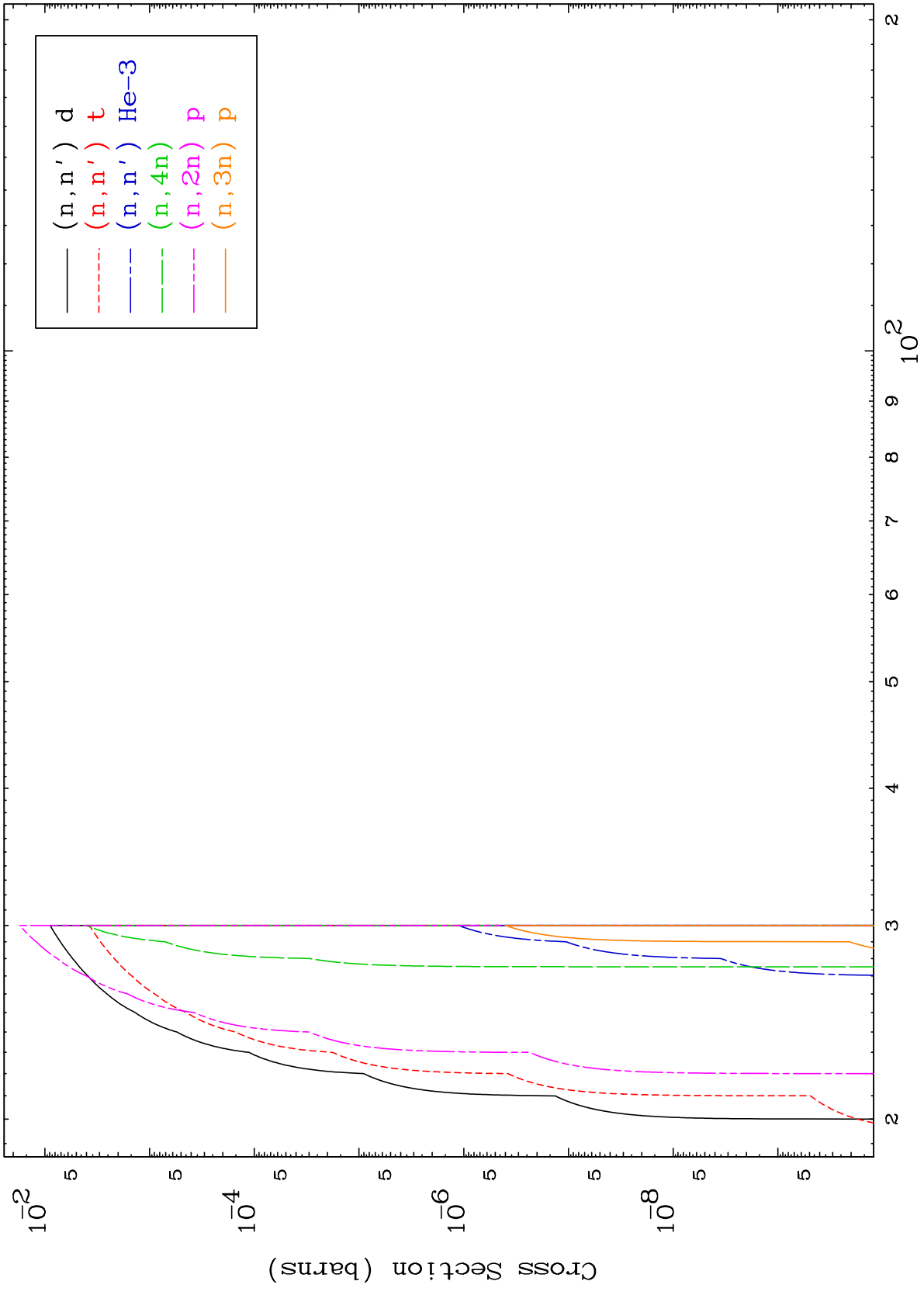
Incident Energy (MeV)

28-Ni-64

MAT 2843

Neutron Production
293 Kelvin Cross Sections

28-Ni-64



3

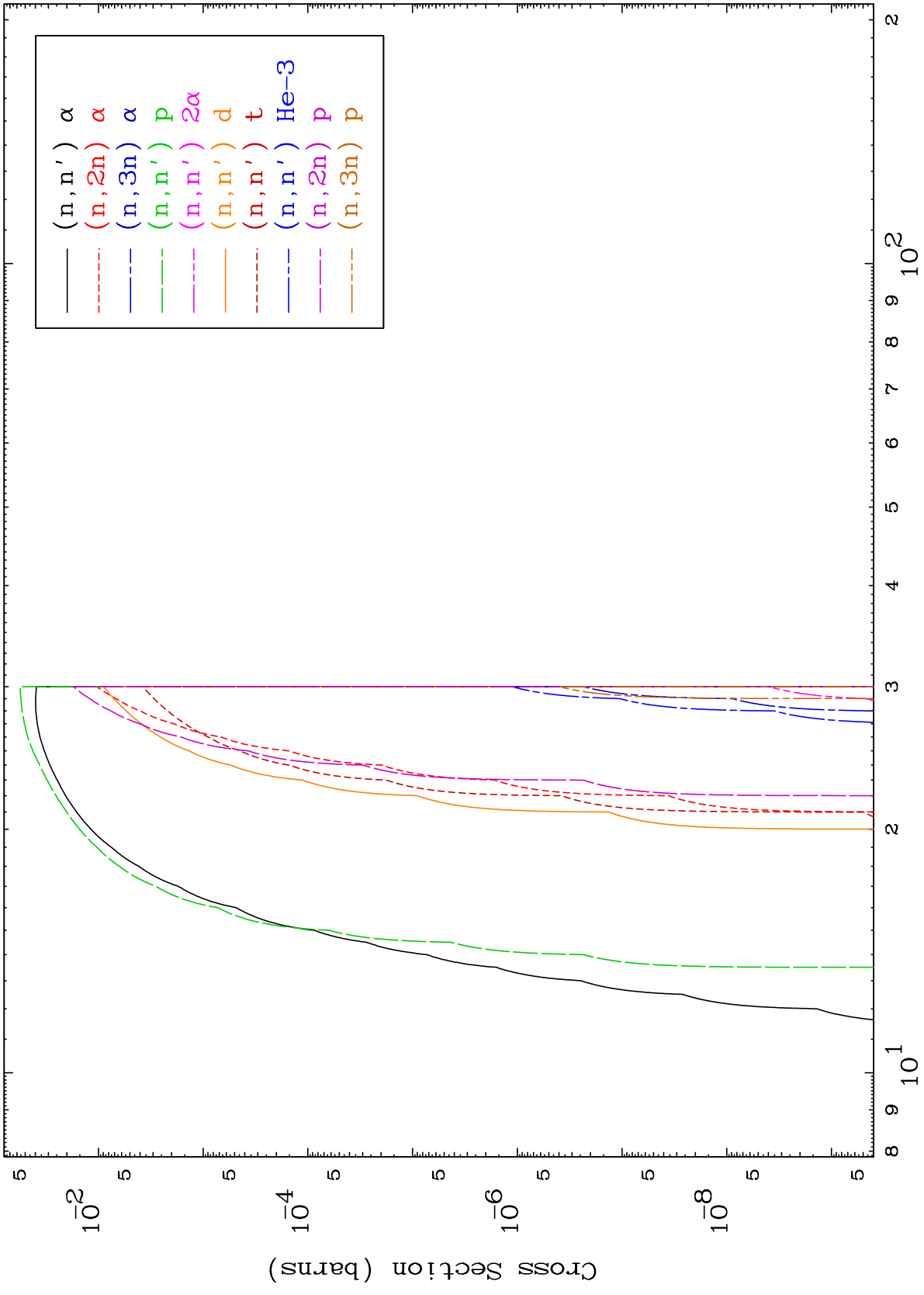
Incident Energy (MeV)

28-Ni-64

MAT 2843

Charged Particle
293 Kelvin Cross Sections

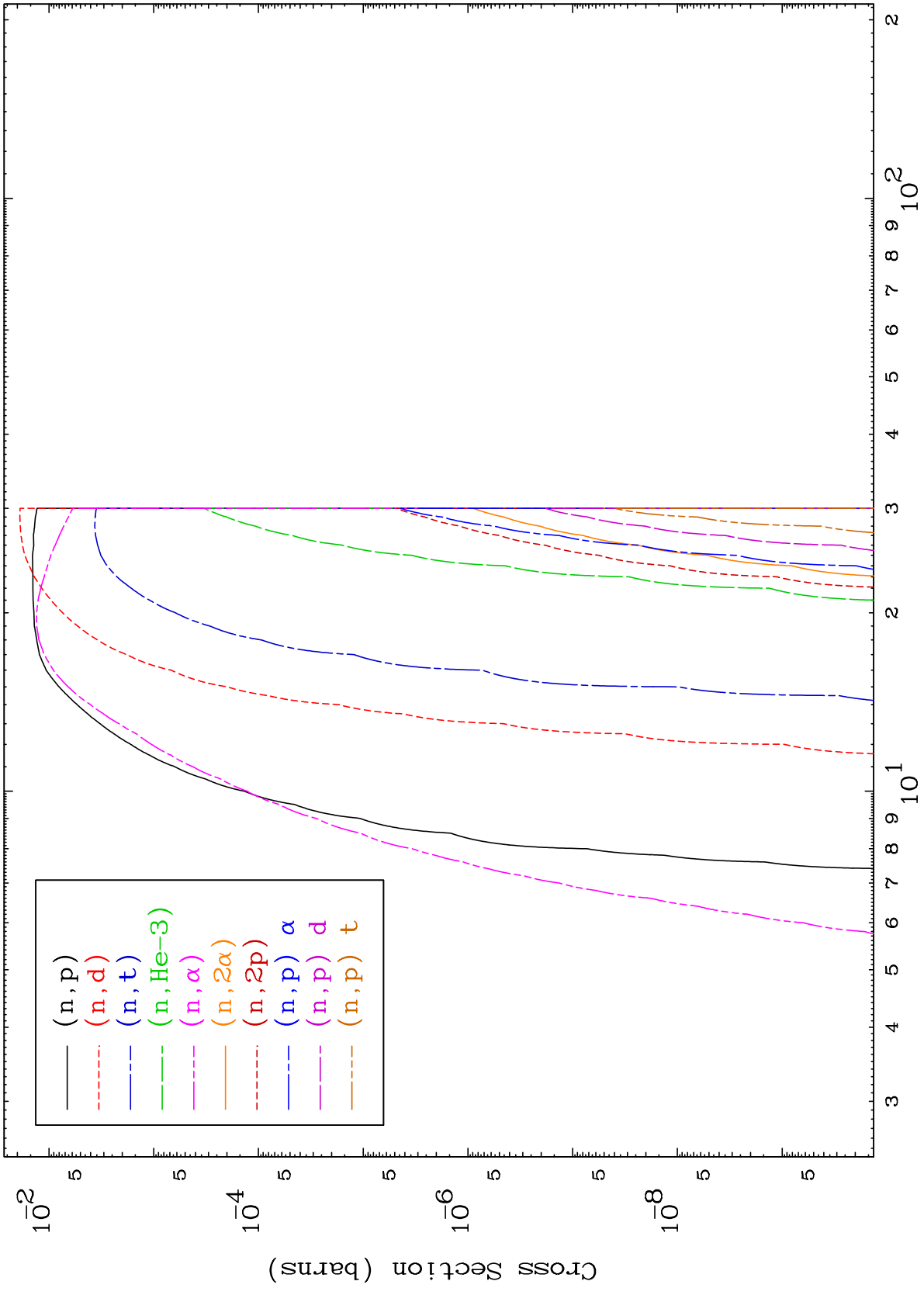
28-Ni-64



4

Incident Energy (MeV)

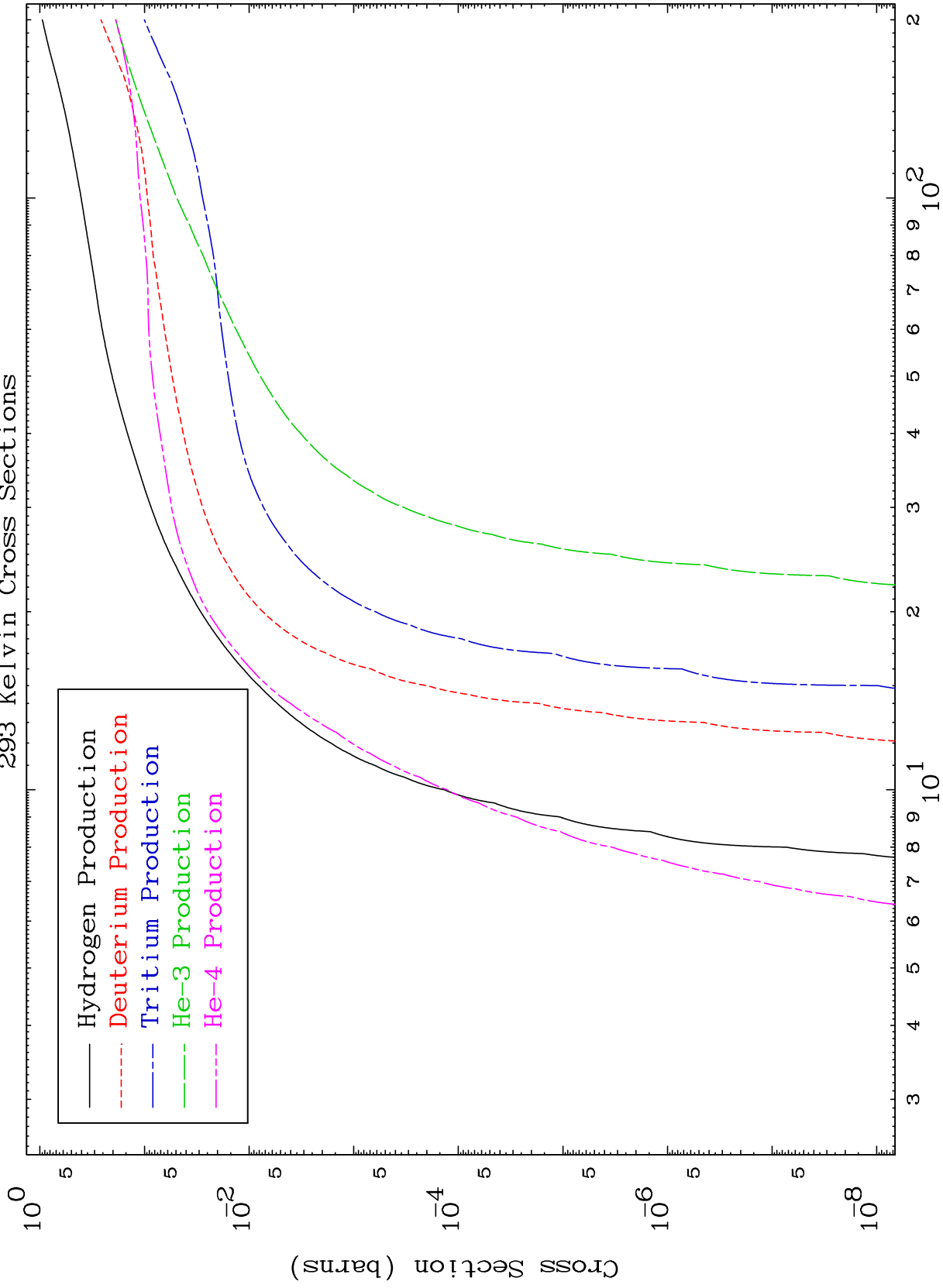
28-Ni-64



MAT 2843

Particle Production
293 Kelvin Cross Sections

28-Ni-64



6

Incident Energy (MeV)

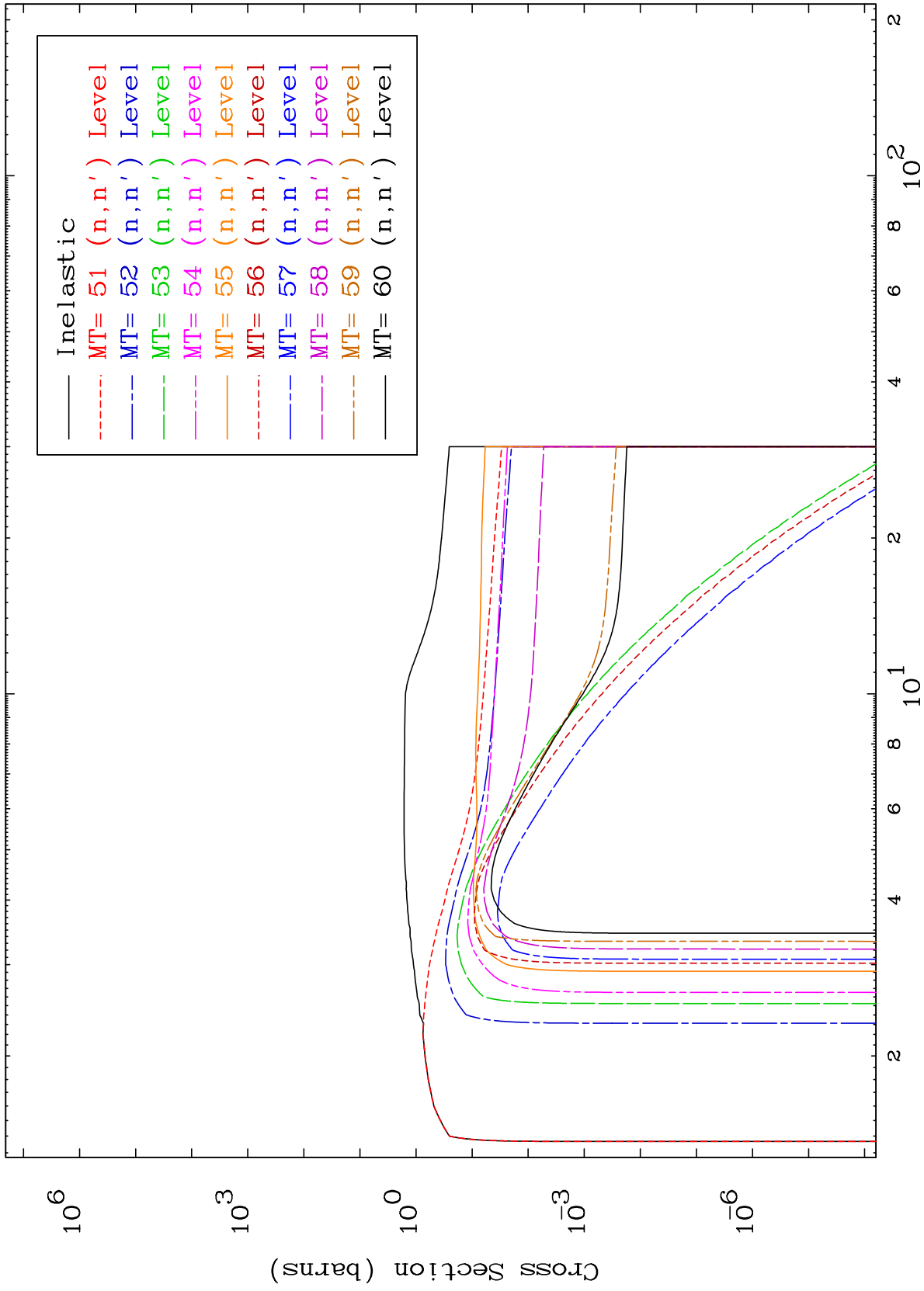
28-Ni-64

MAT 2843

(n,n') Level

28-Ni-64

293 Kelvin Cross Sections



7

Incident Energy (MeV)

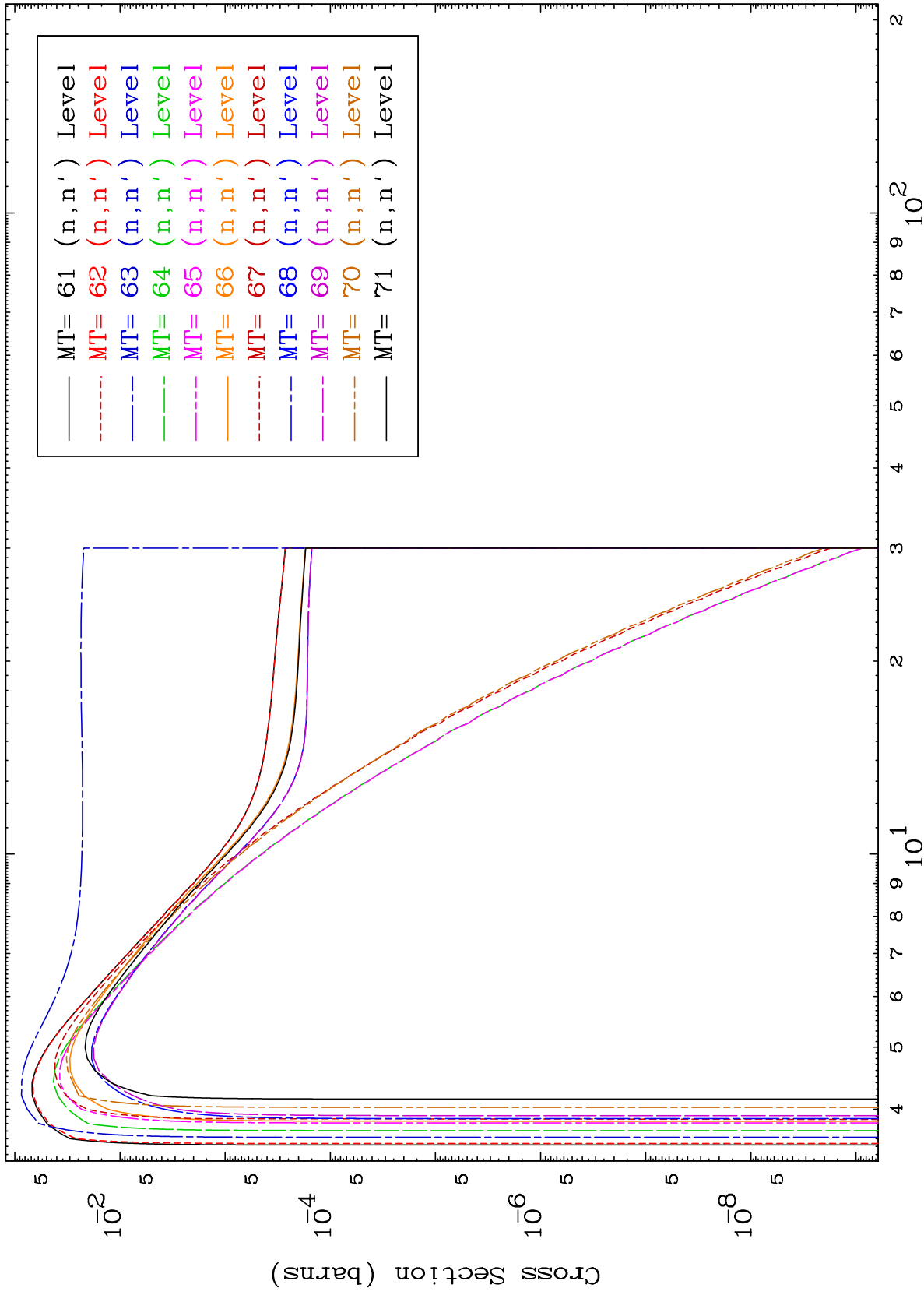
28-Ni-64

MAT 2843

(n,n') Level

28-Ni-64

293 Kelvin Cross Sections



8

Incident Energy (MeV)

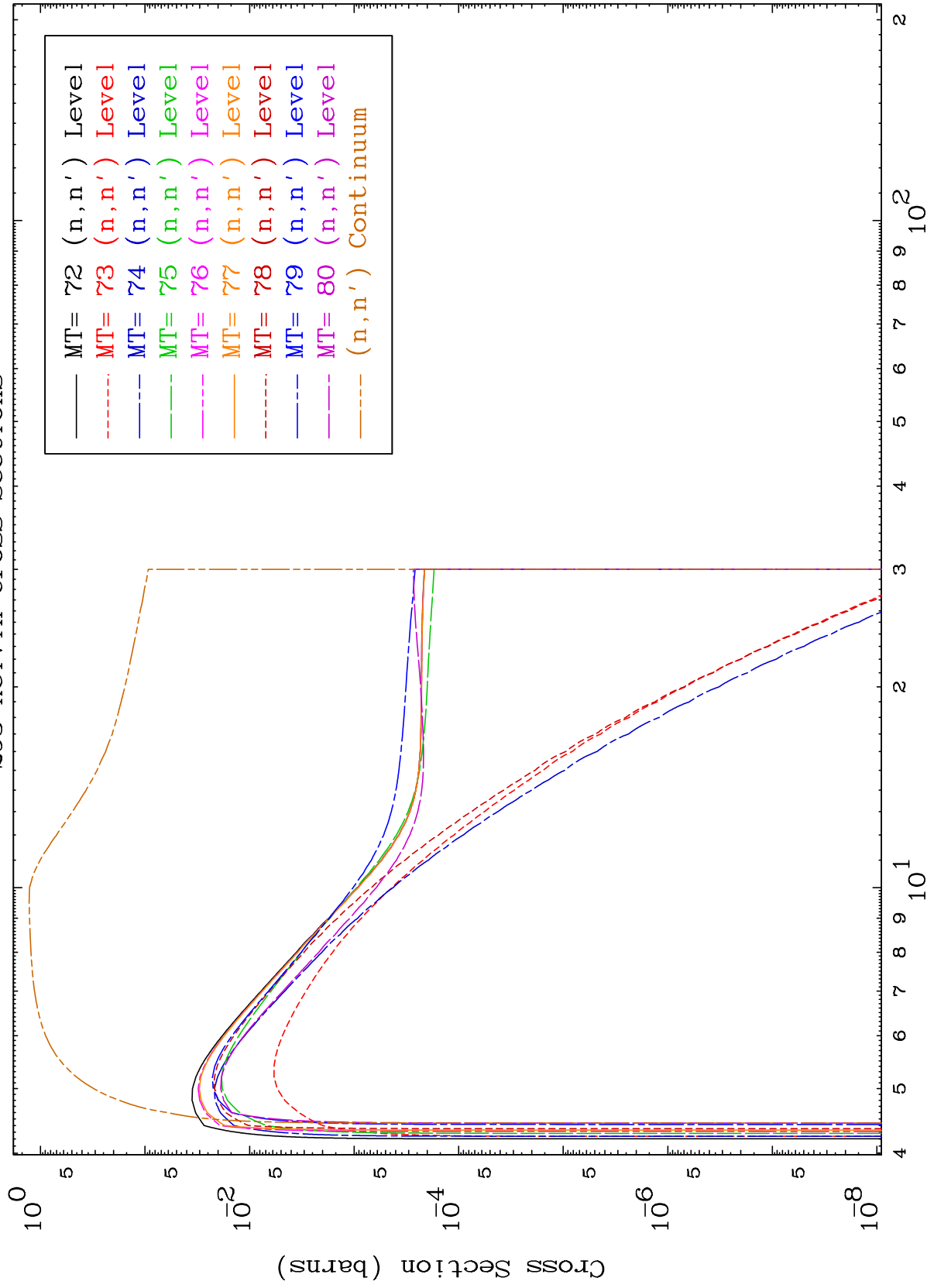
28-Ni-64

MAT 2843

(n,n') Level

28-Ni-64

293 Kelvin Cross Sections



9

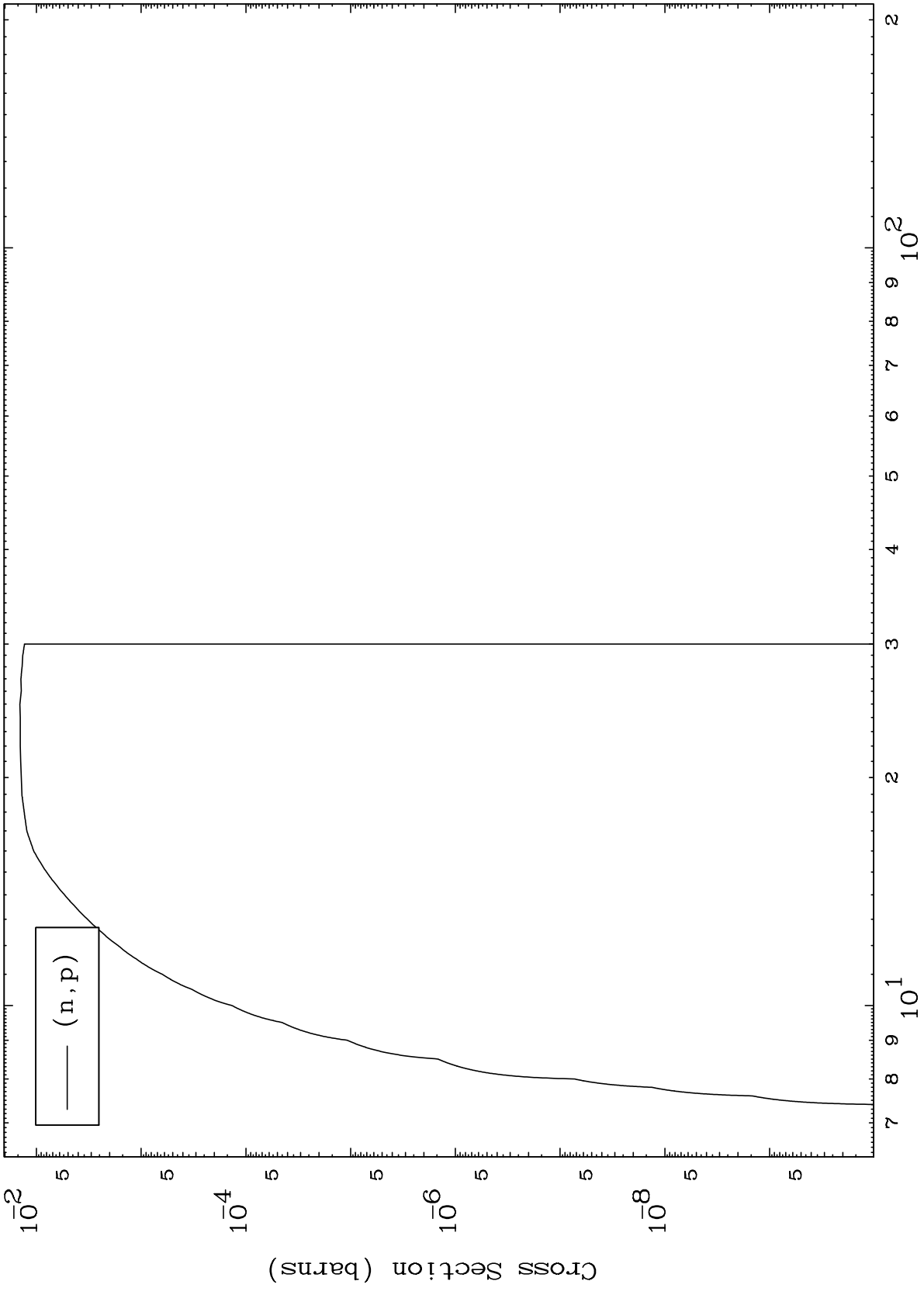
Incident Energy (MeV)

28-Ni-64

MAT 2843

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-64



10

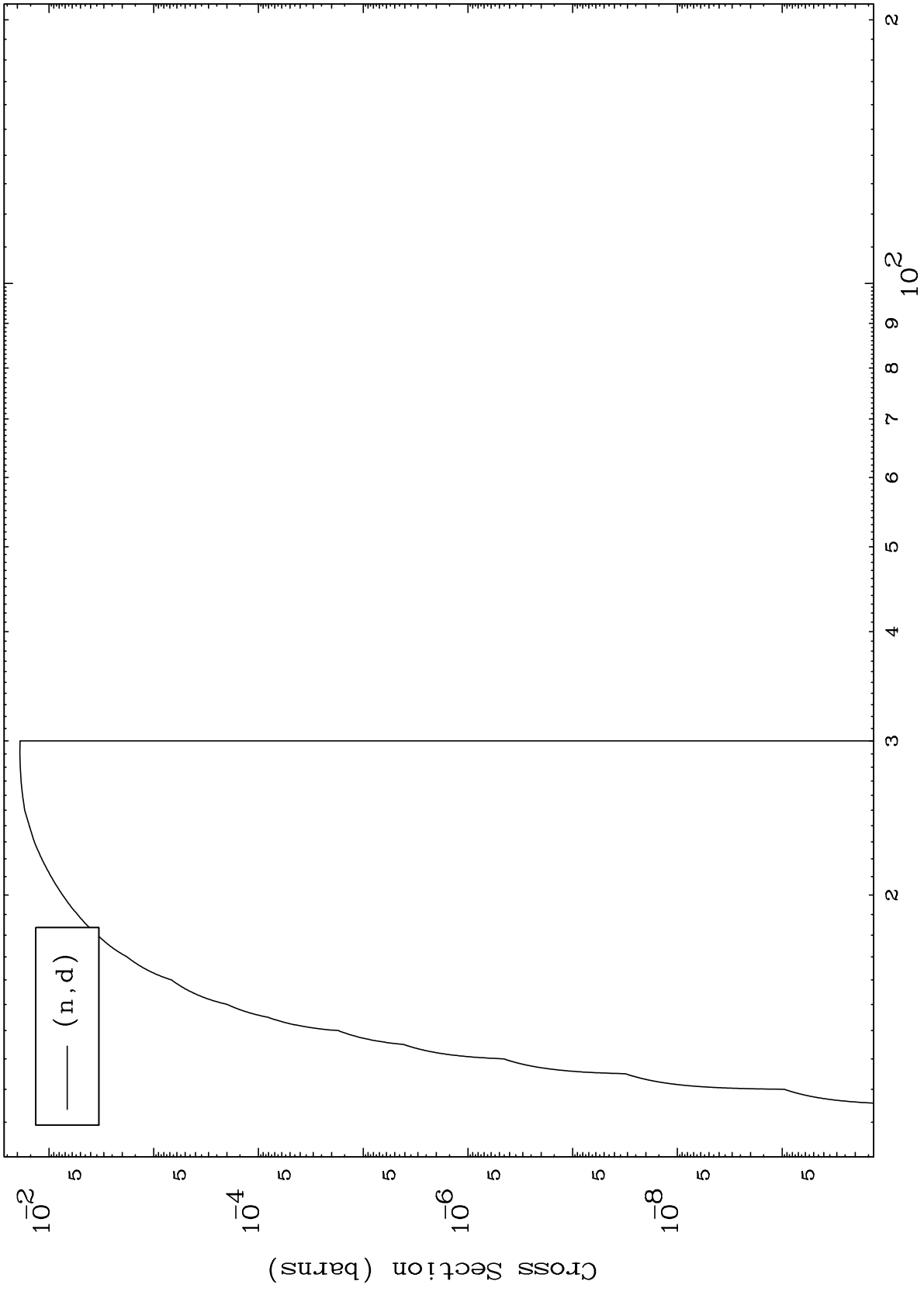
Incident Energy (MeV)

28-Ni-64

MAT 2843

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-64



11

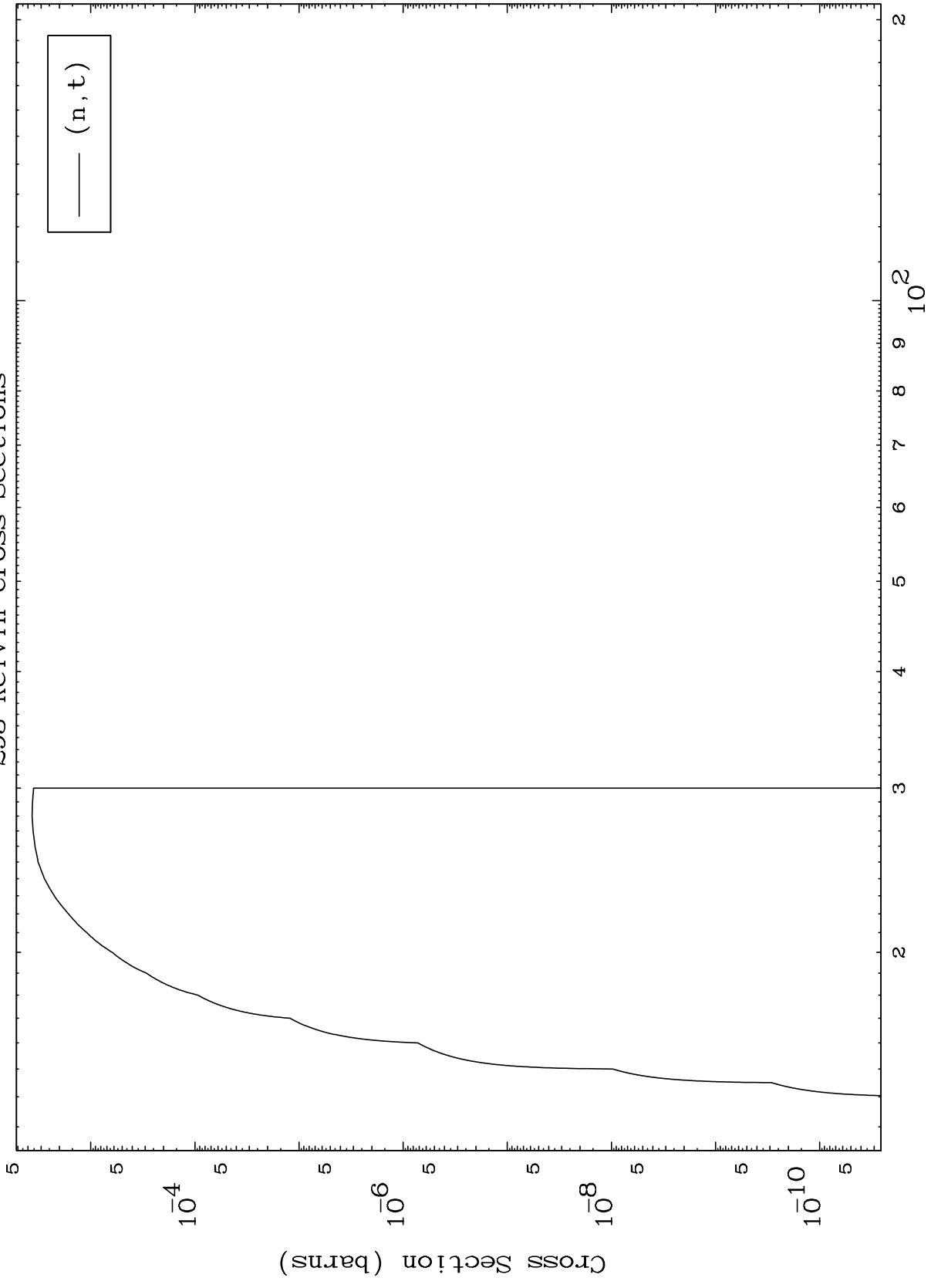
Incident Energy (MeV)

28-Ni-64

MAT 2843

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-64



12

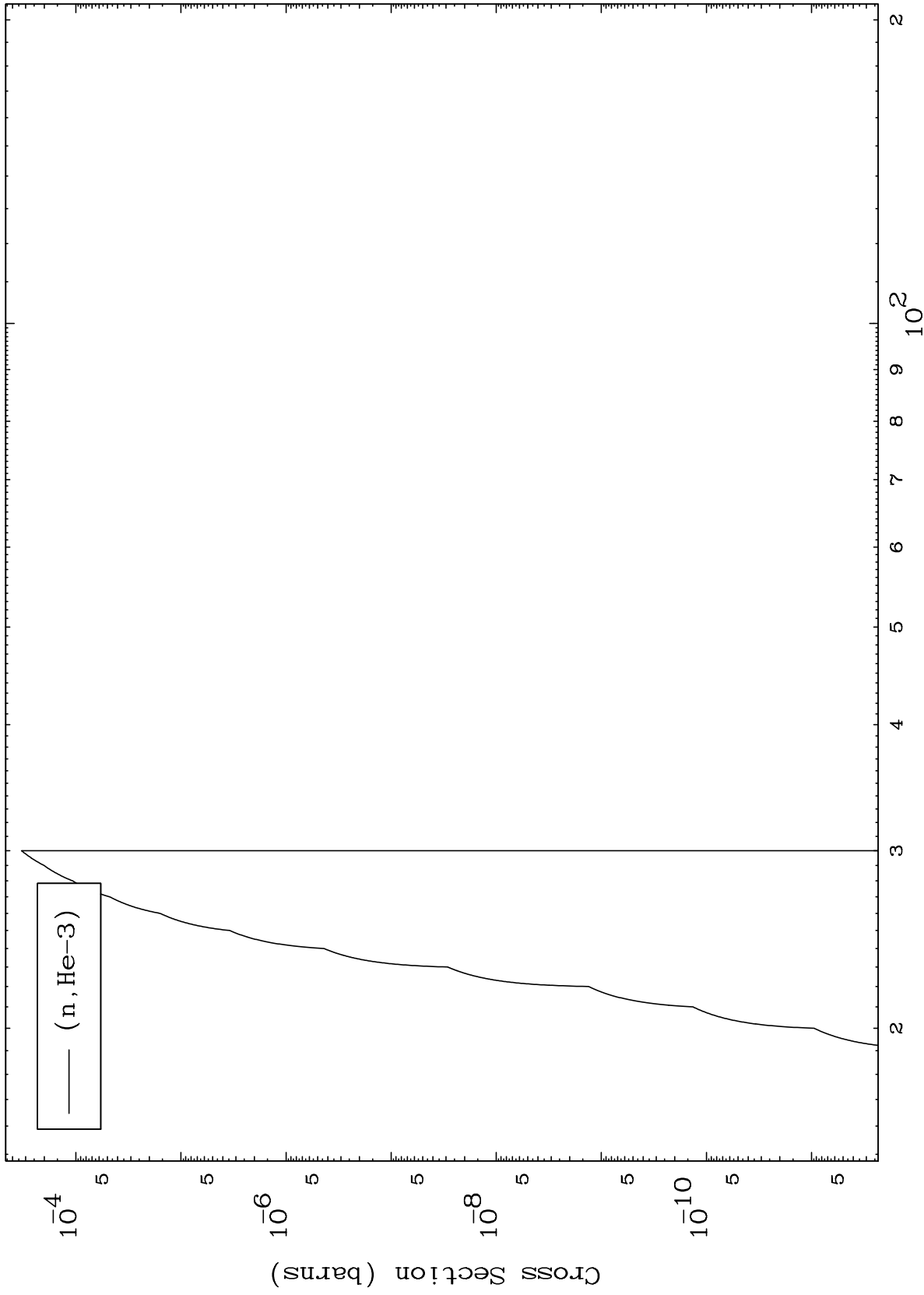
Incident Energy (MeV)

28-Ni-64

MAT 2843

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-64



13

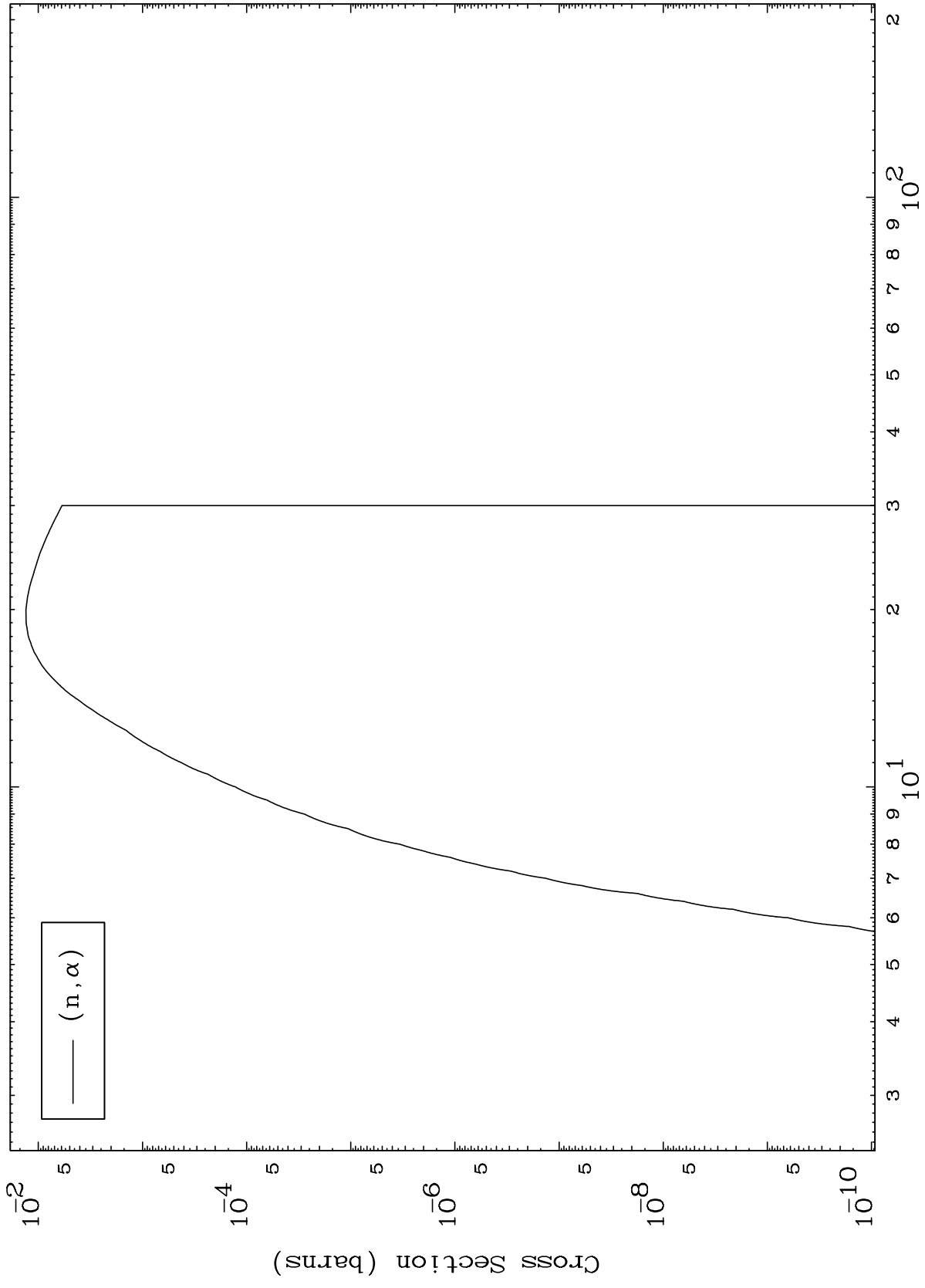
Incident Energy (MeV)

28-Ni-64

MAT 2843

(n,α) Levels
293 Kelvin Cross Sections

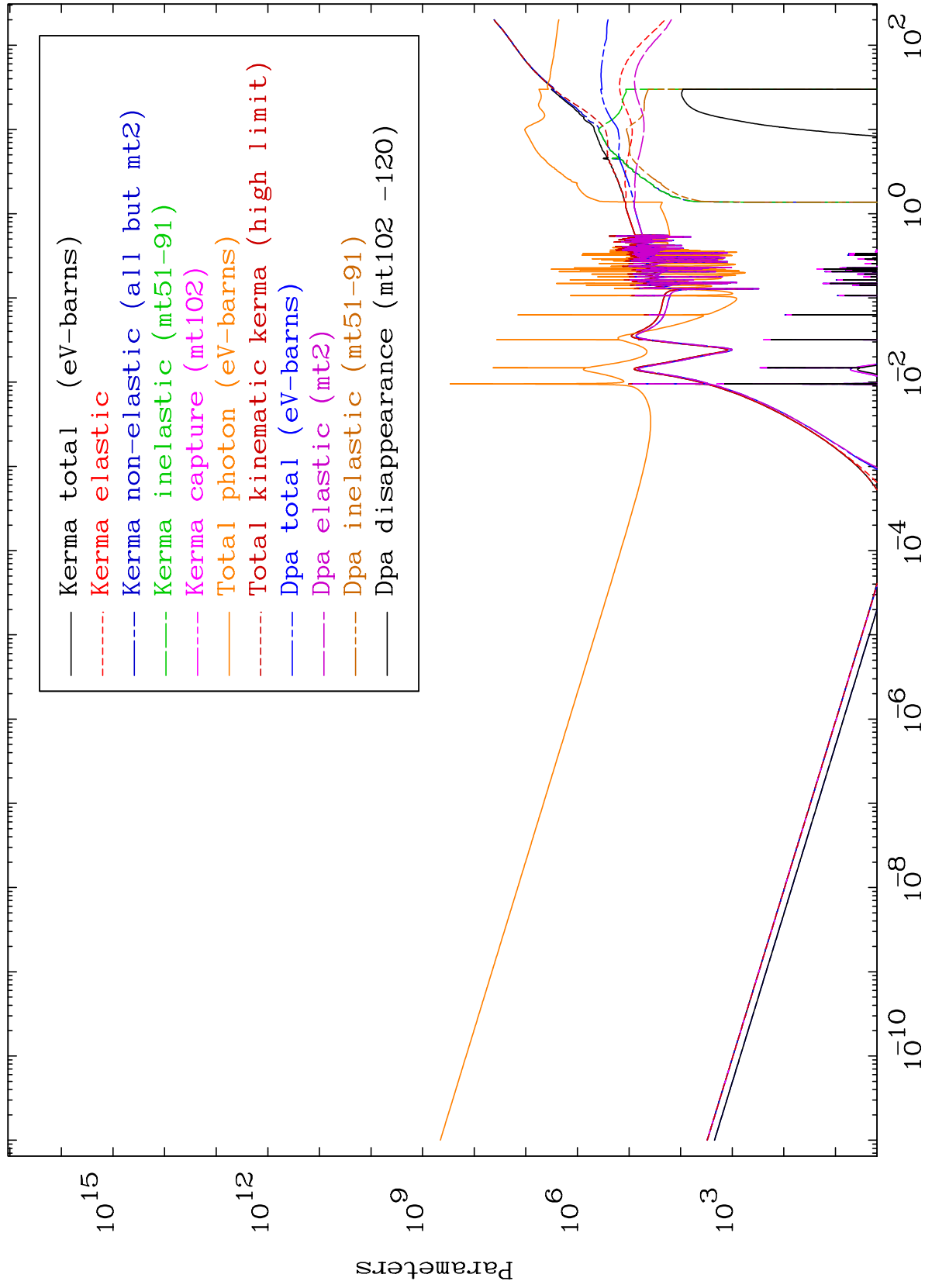
28-Ni-64



14

Incident Energy (MeV)

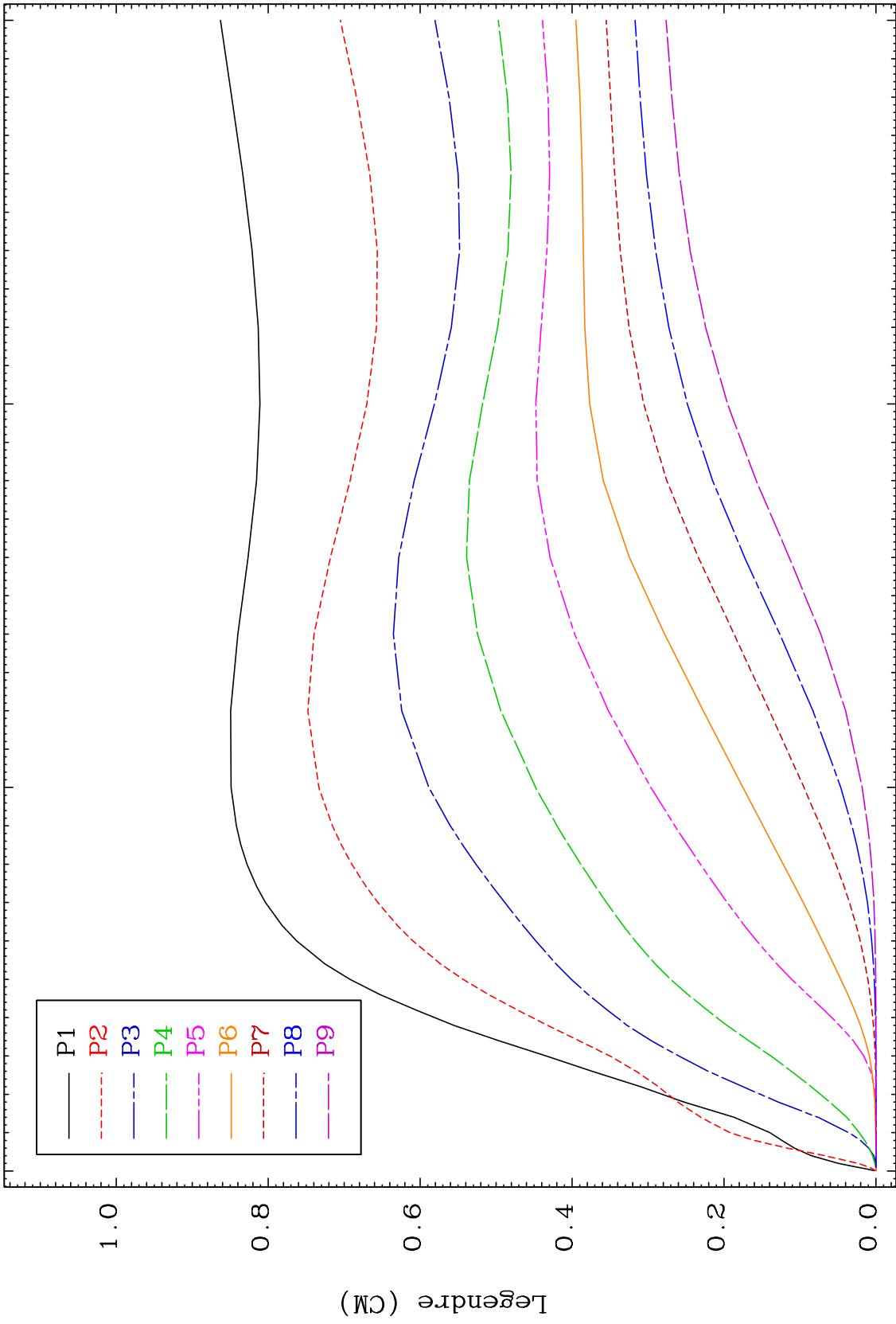
28-Ni-64



MAT 2843

Elastic Legendre Coefficients

²⁸Ni-64



16

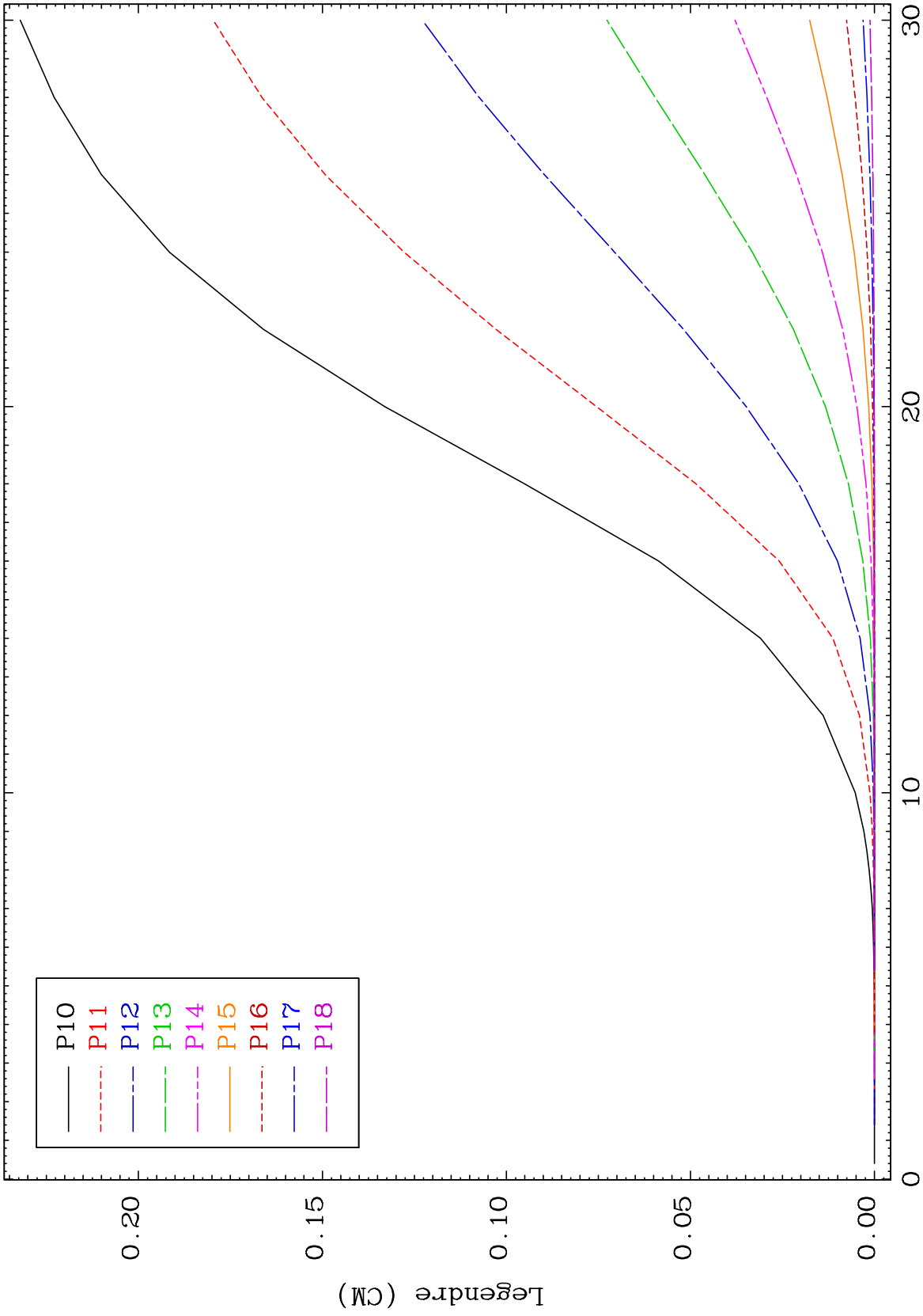
Incident Energy (MeV)

²⁸Ni-64

MAT 2843

Elastic Legendre Coefficients

28-Ni-64



17

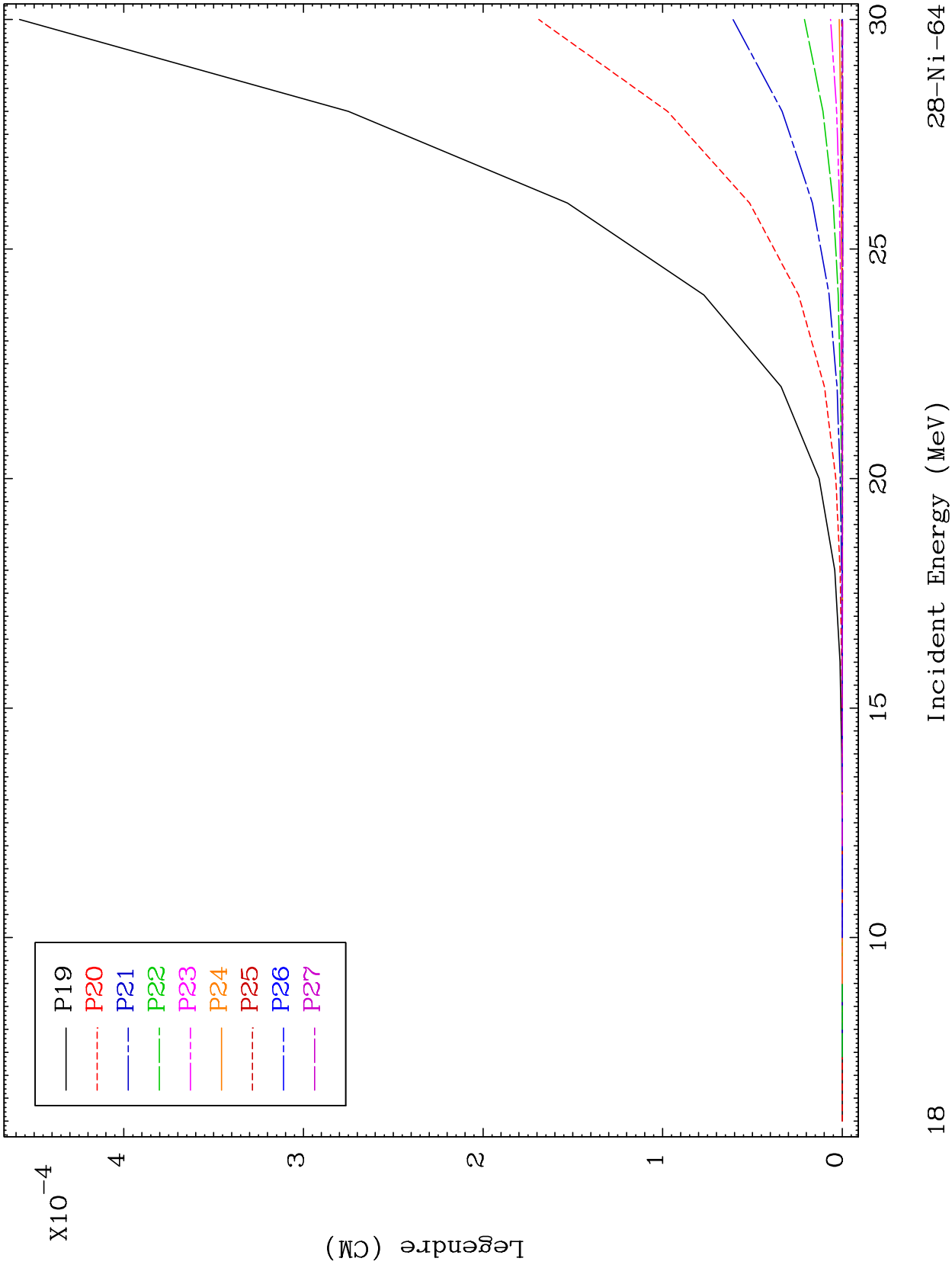
Incident Energy (MeV)

28-Ni-64

MAT 2843

Elastic Legendre Coefficients

²⁸Ni-64



18

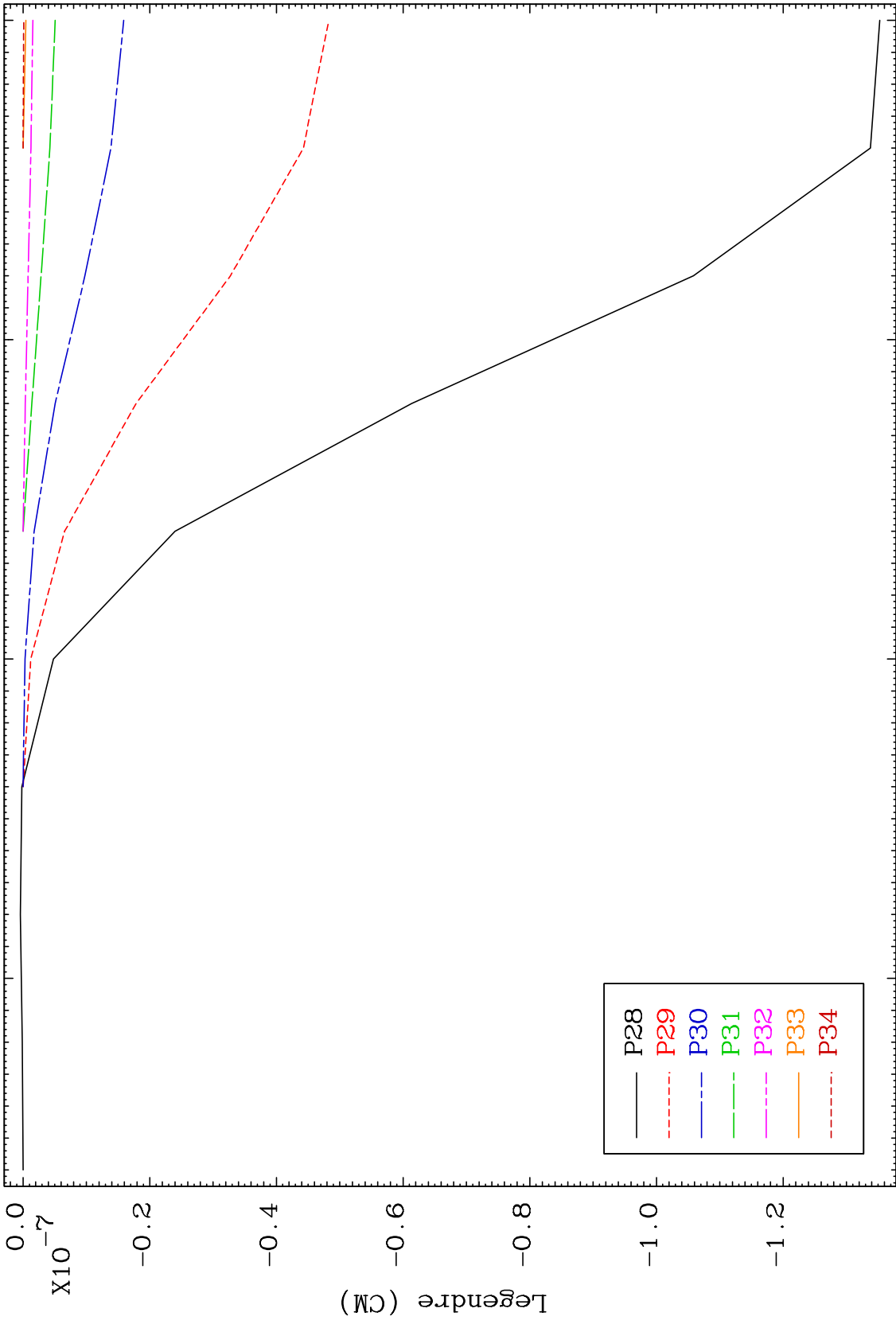
Incident Energy (MeV)

²⁸Ni-64

MAT 2843

28-Ni-64

Elastic Legendre Coefficients

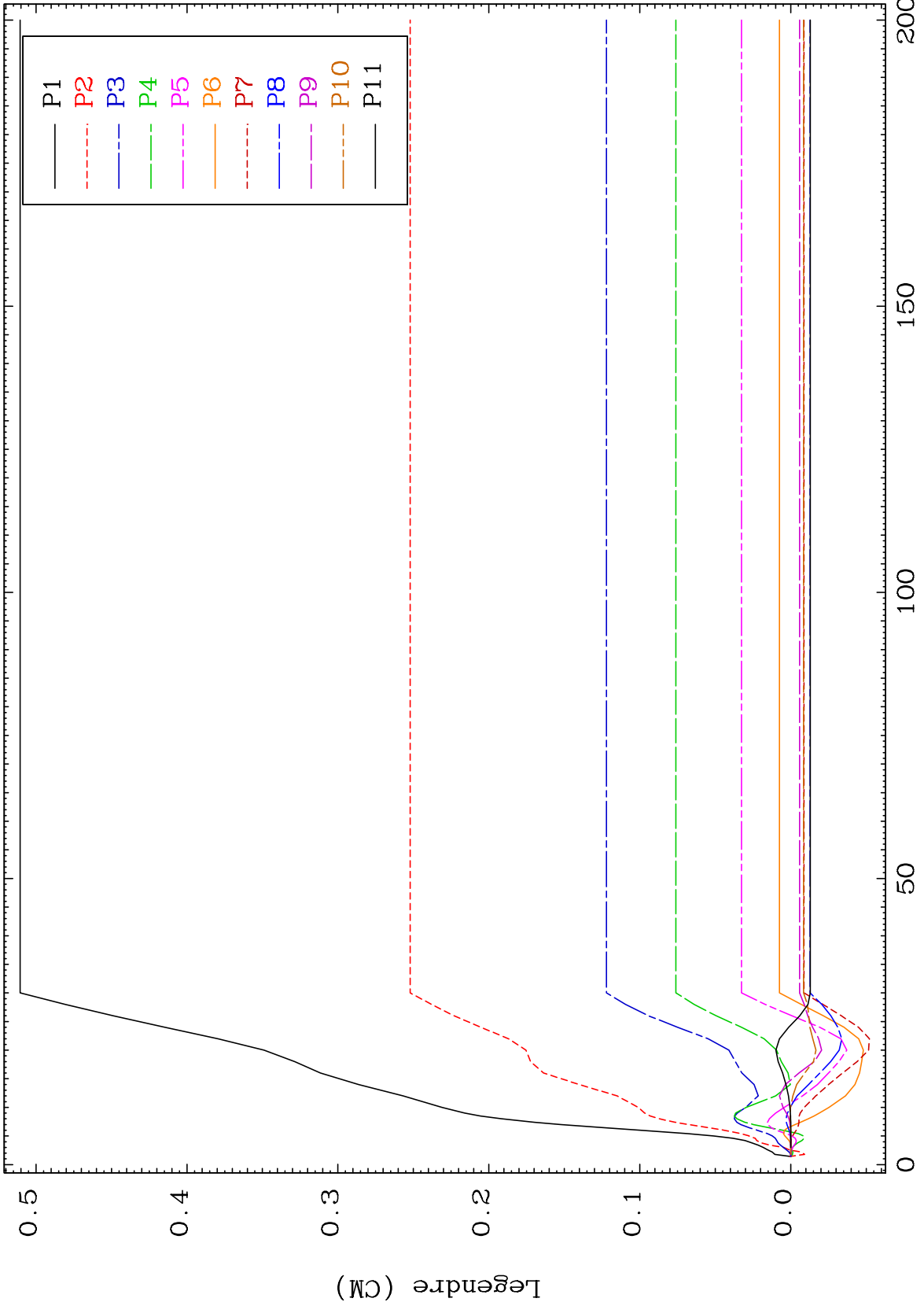


19

28-Ni-64

Incident Energy (MeV)

MAT 2843 MT= 51 (n,n') Level Legendre Coefficients 28-Ni-64

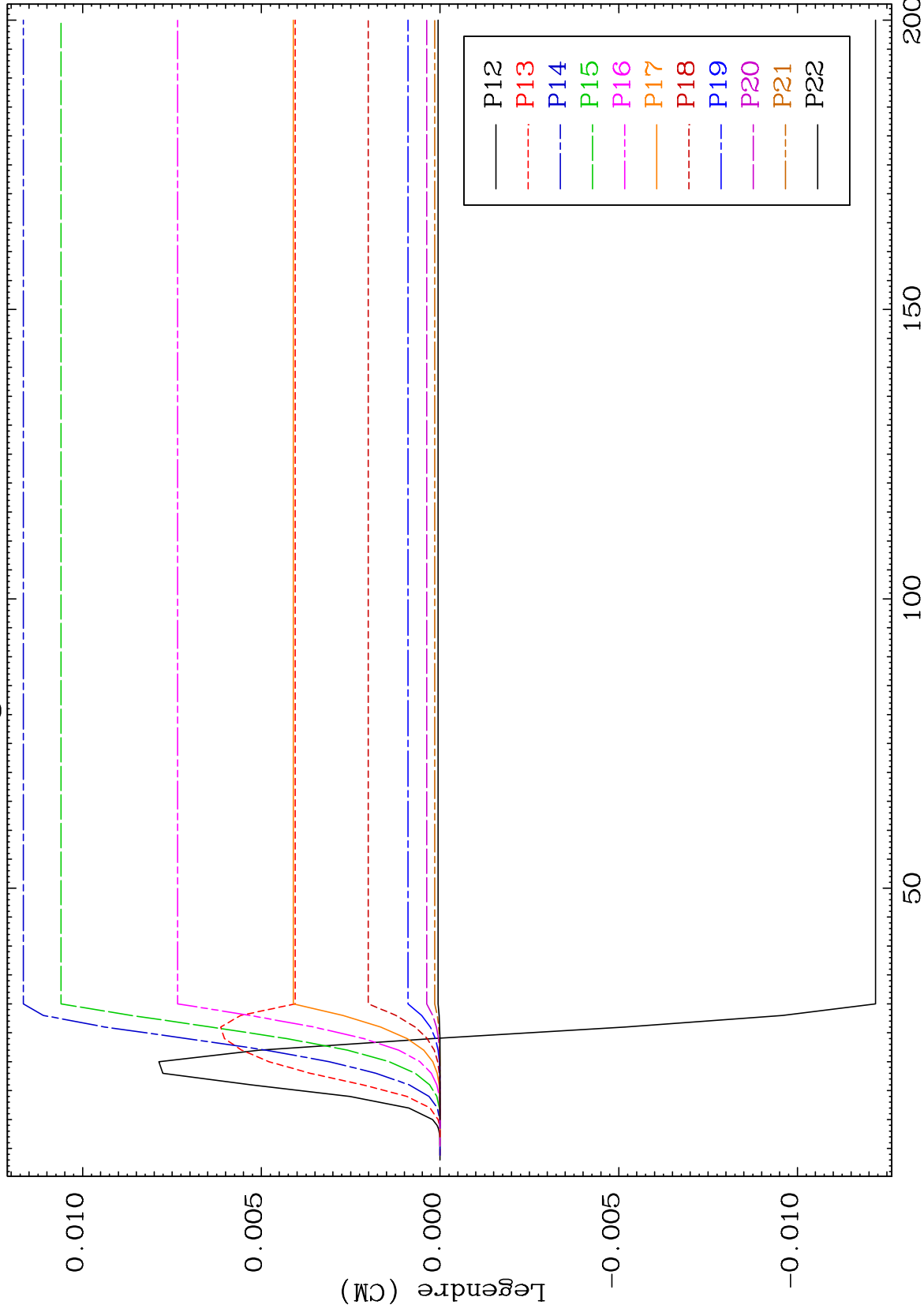


28-Ni-64

MAT 2843

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

28-Ni-64



21

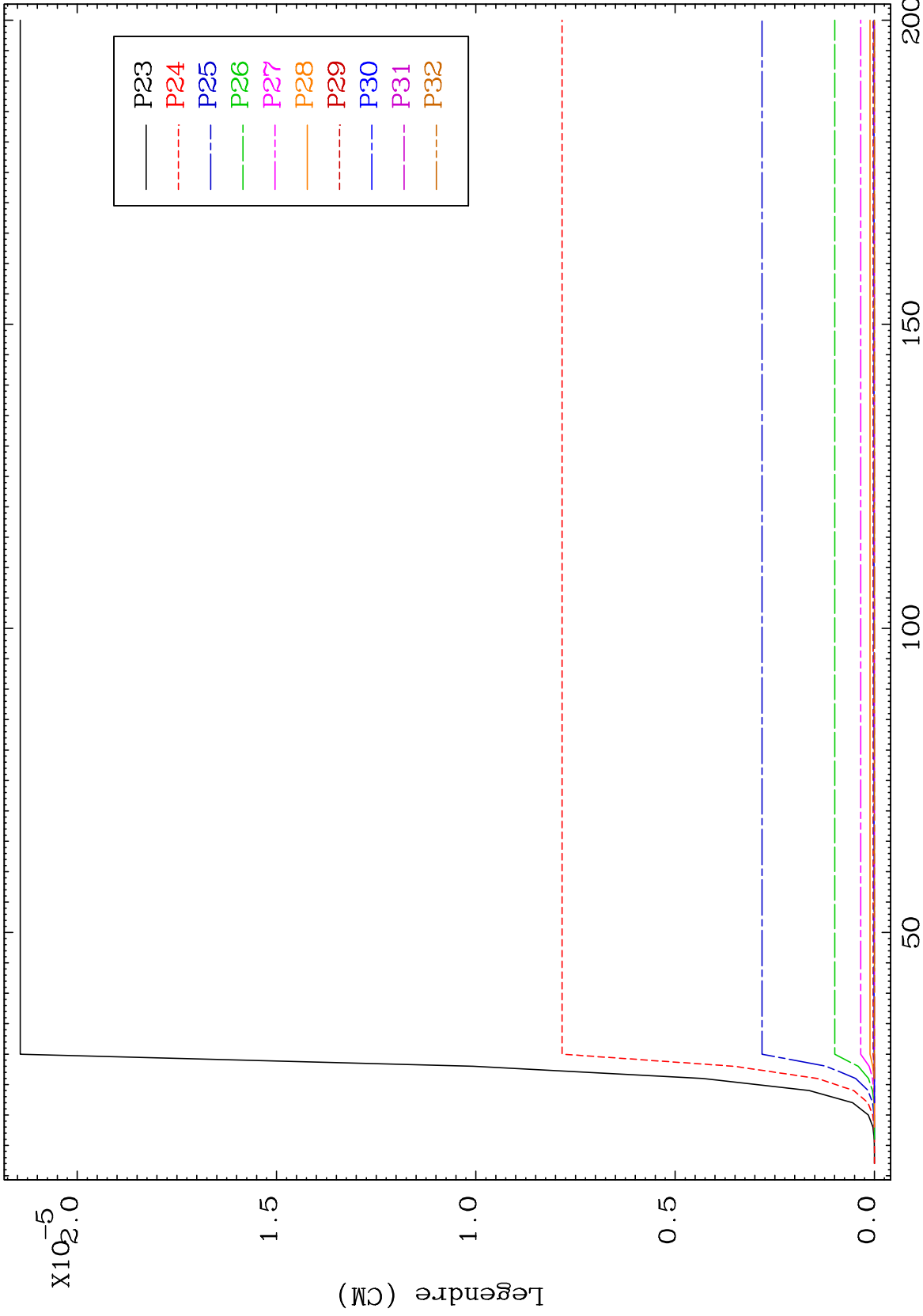
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



22

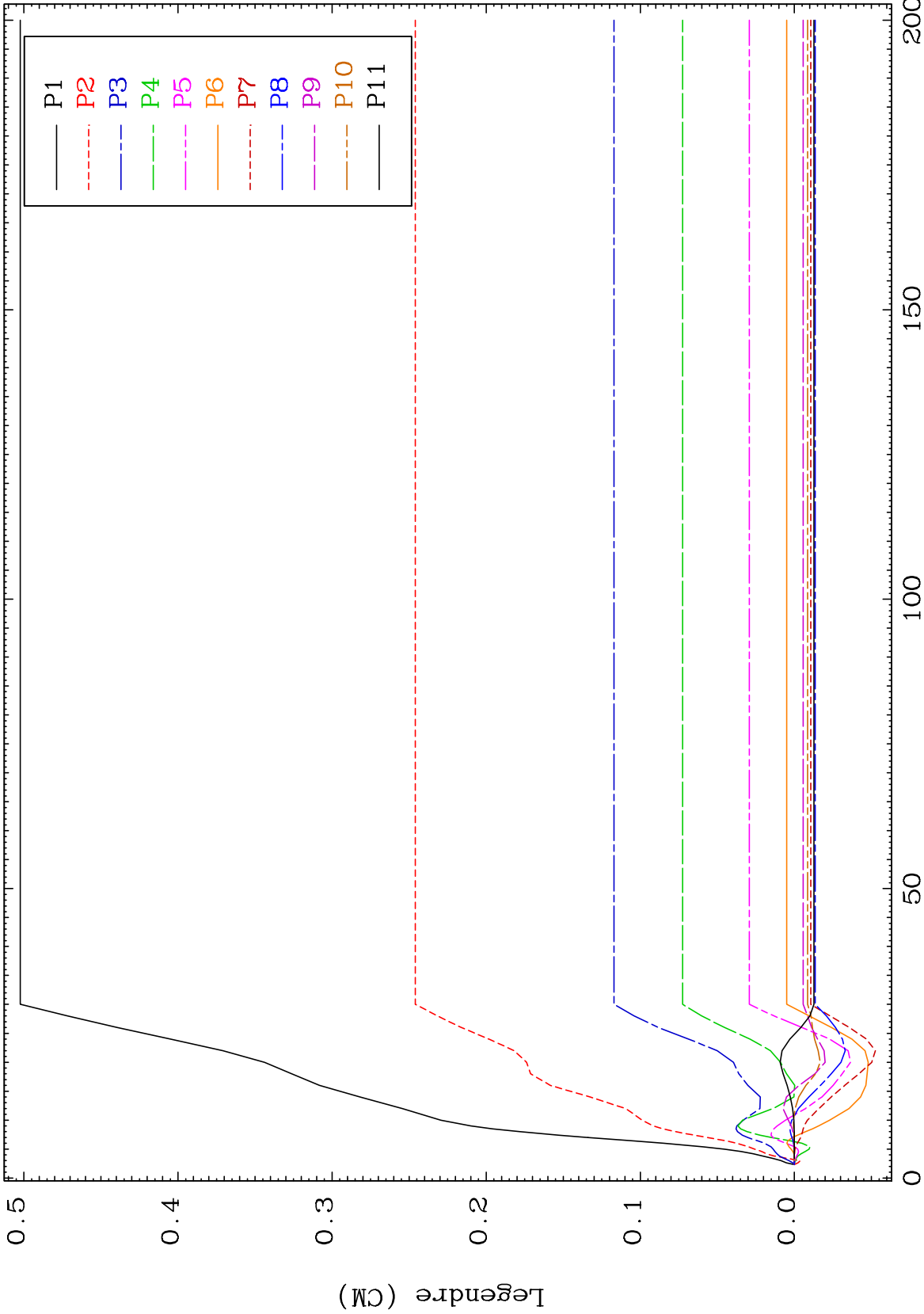
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



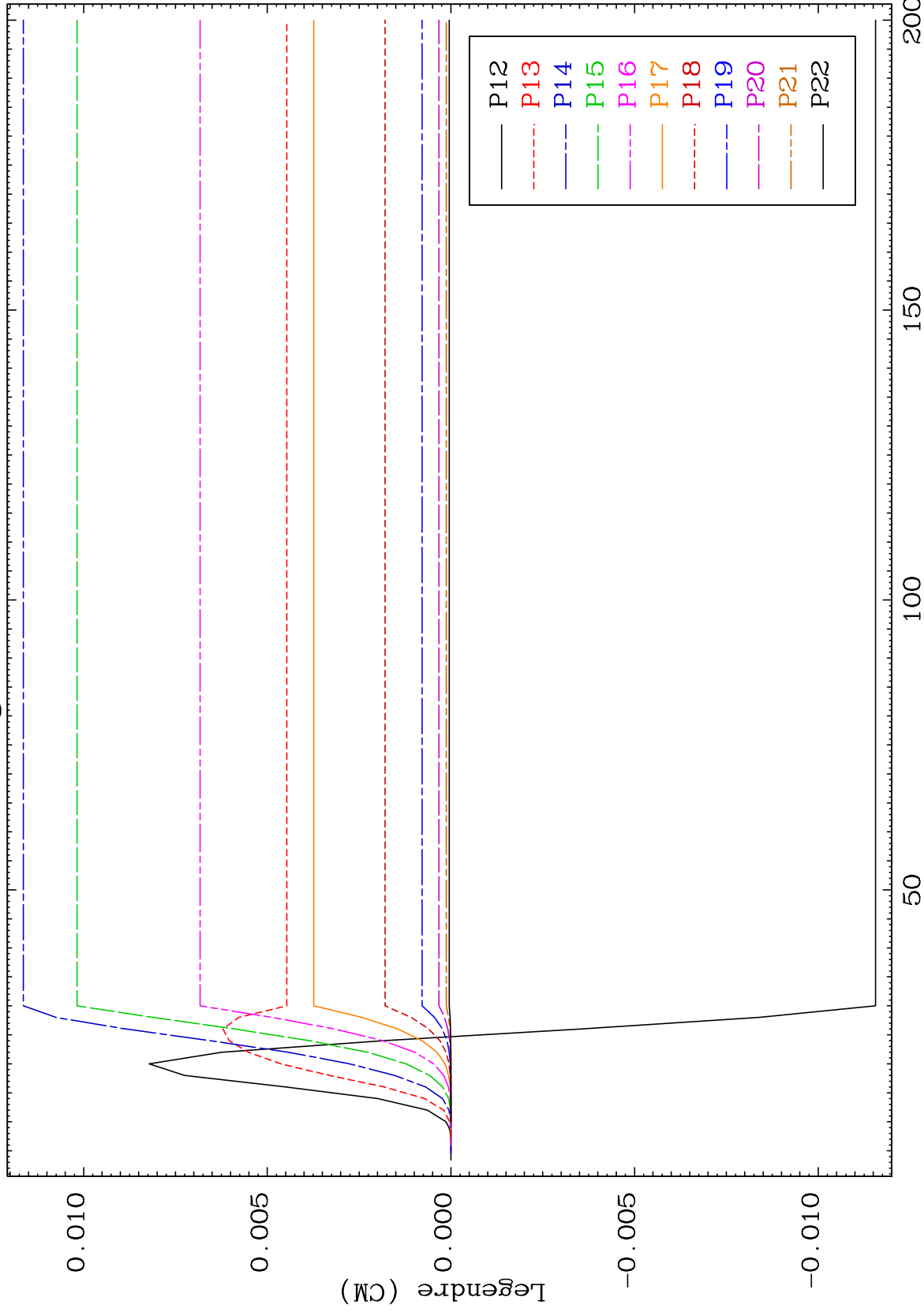
23

28-Ni-64

MAT 2843

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

28-Ni-64



24

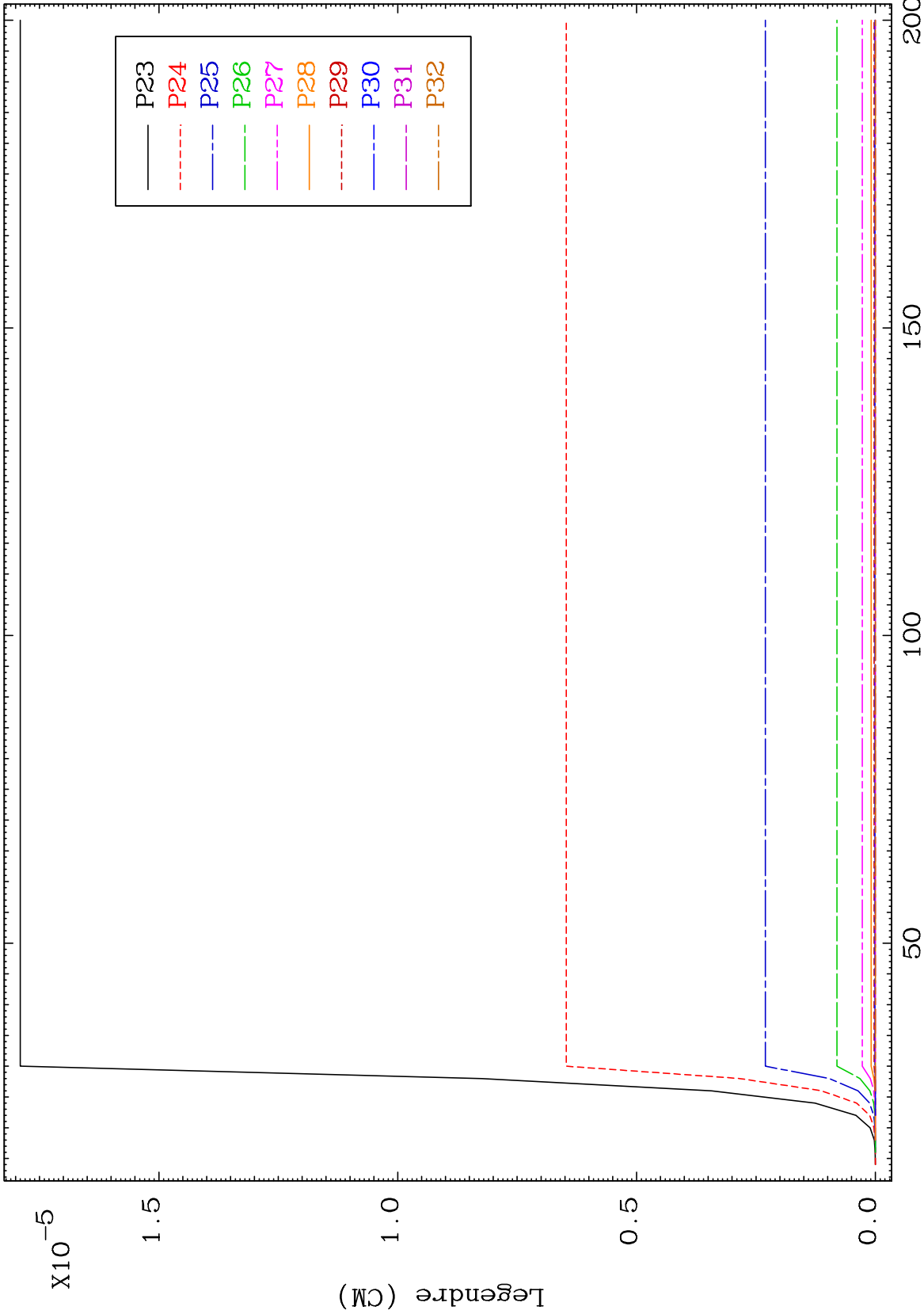
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64

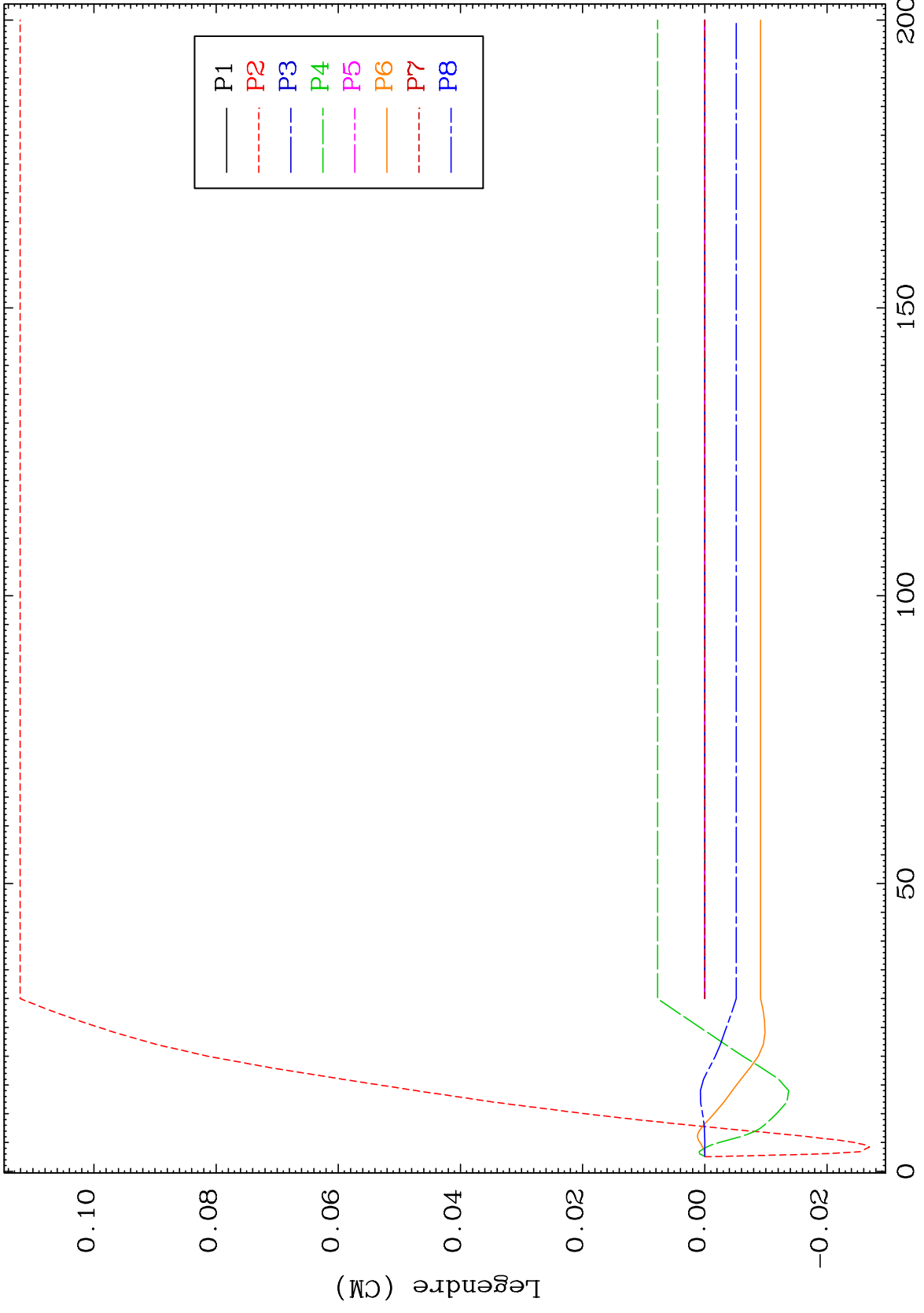


25

Incident Energy (MeV)

28-Ni-64

MAT 2843 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-64

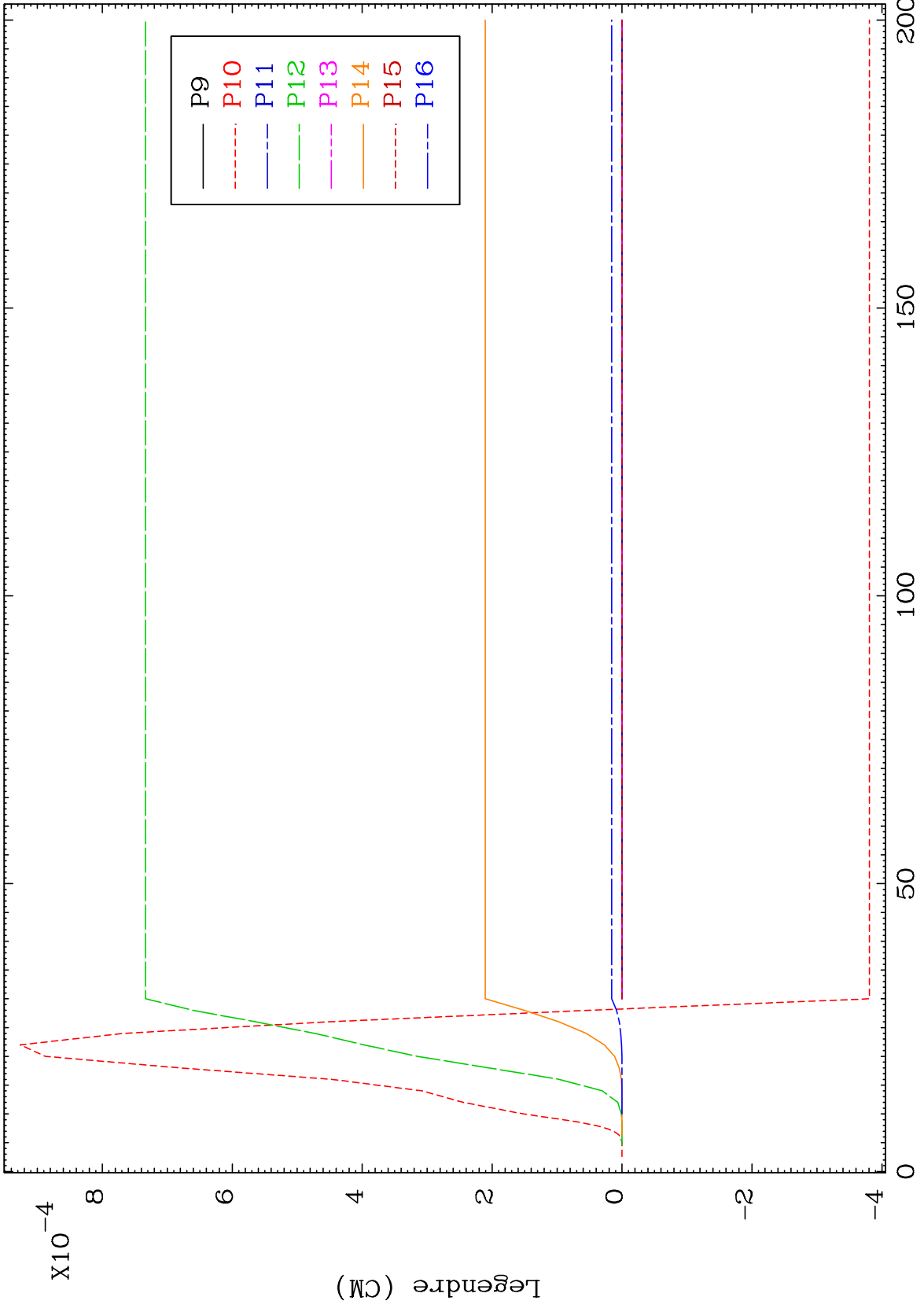


26 Incident Energy (MeV) 28-Ni-64

MAT 2843

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

28-Ni-64

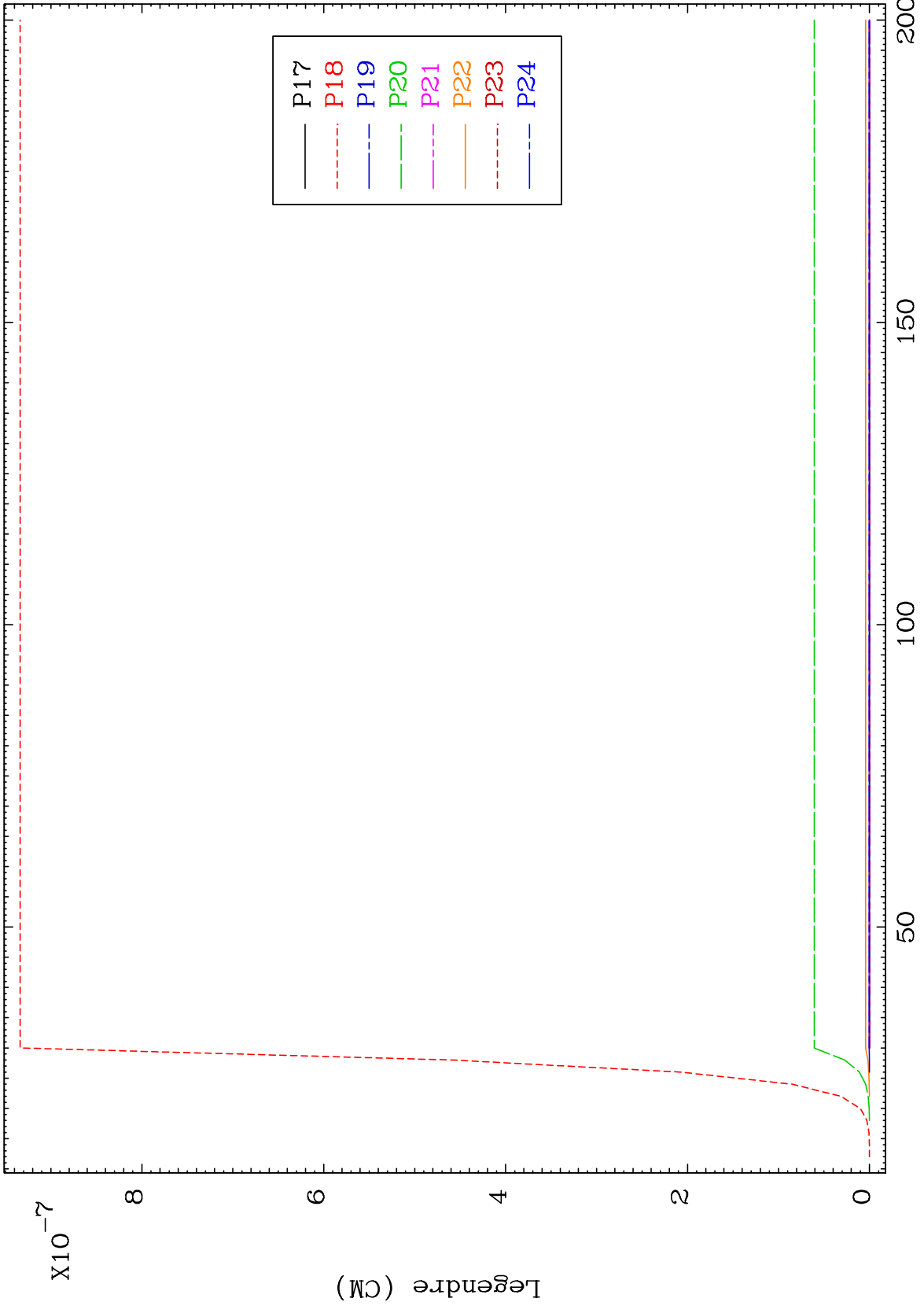


27

Incident Energy (MeV)

28-Ni-64

MAT 2843 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-64

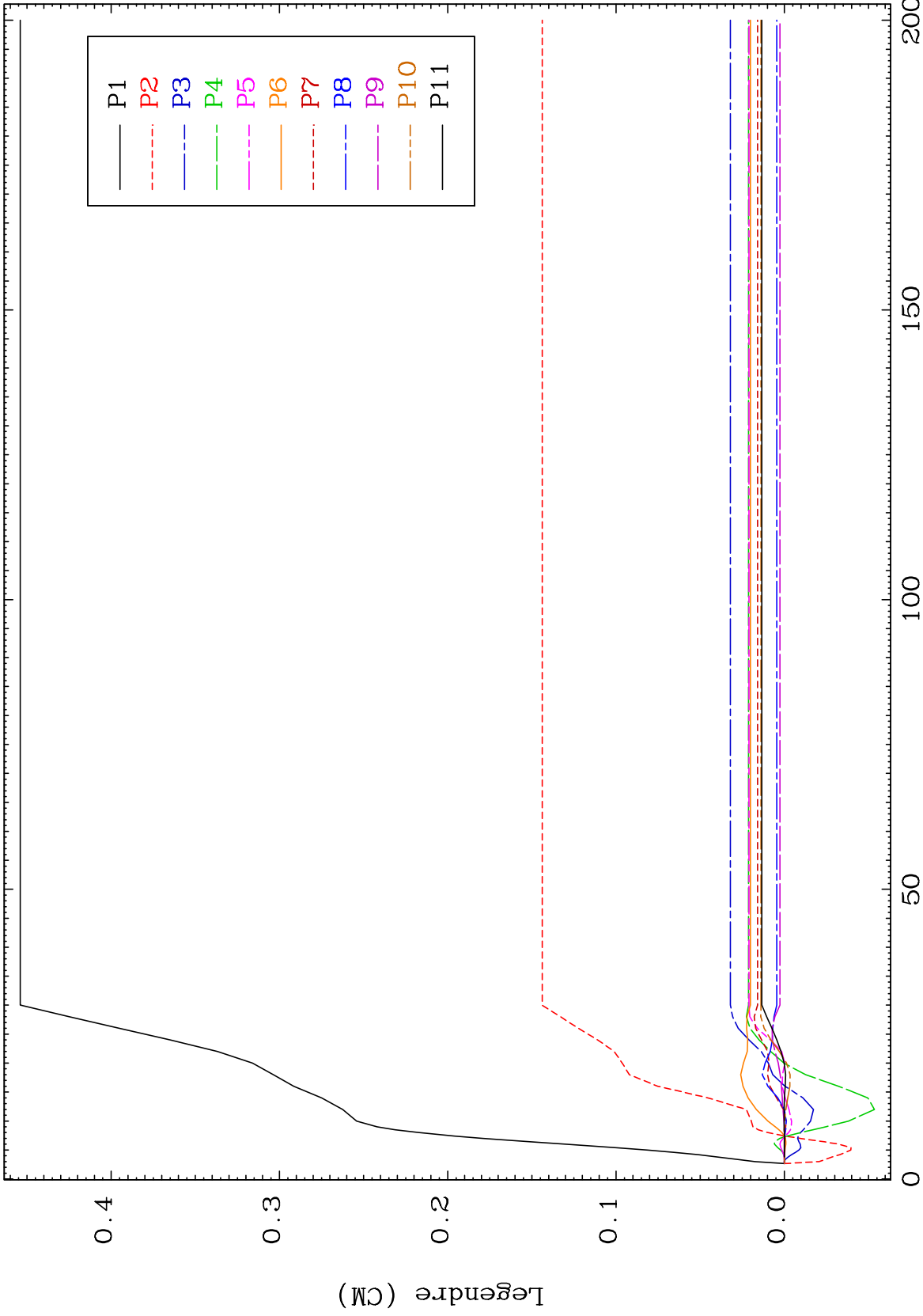


28 50 100 150 200 28-Ni-64

MAT 2843

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

28-Ni-64



29

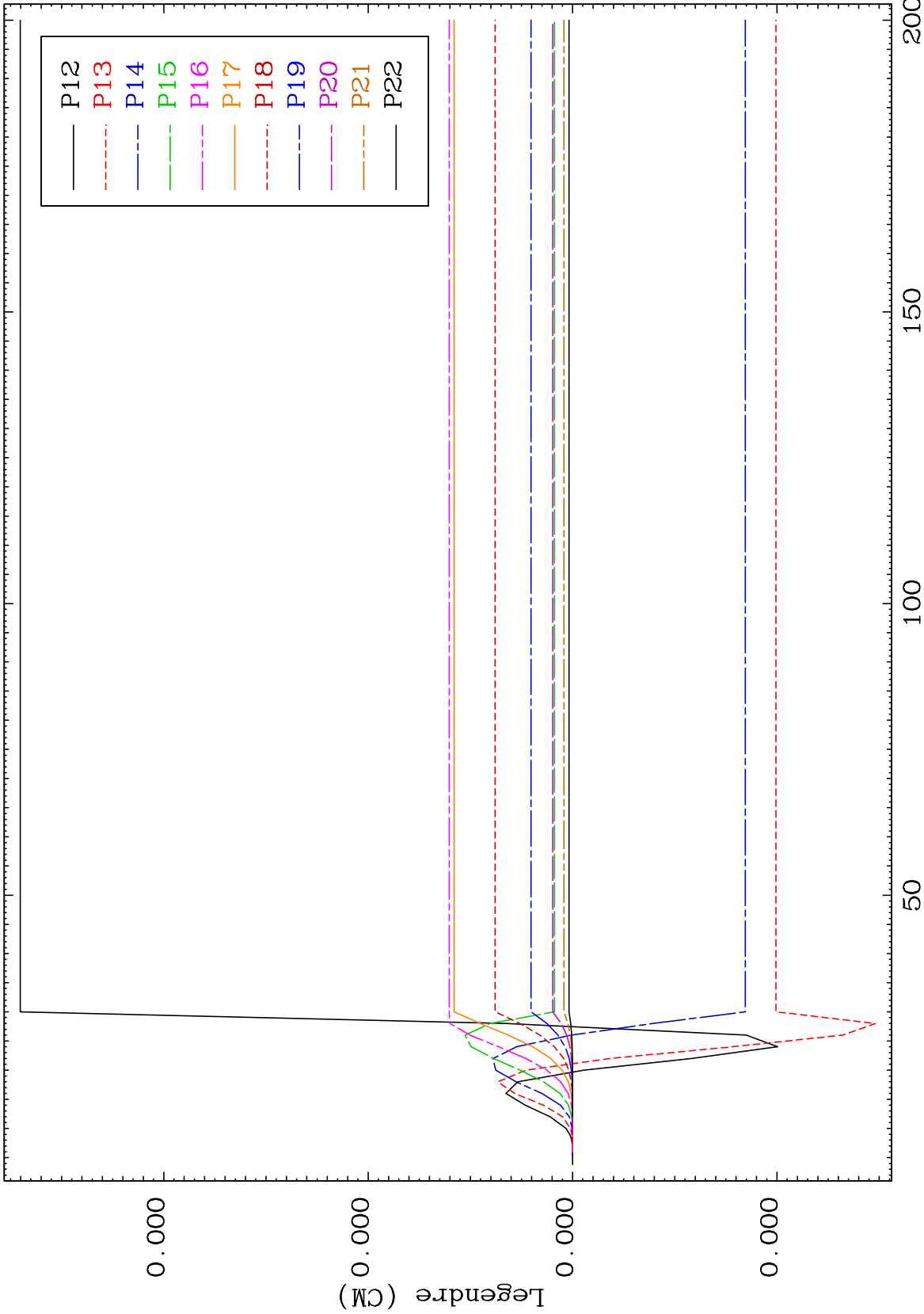
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



30

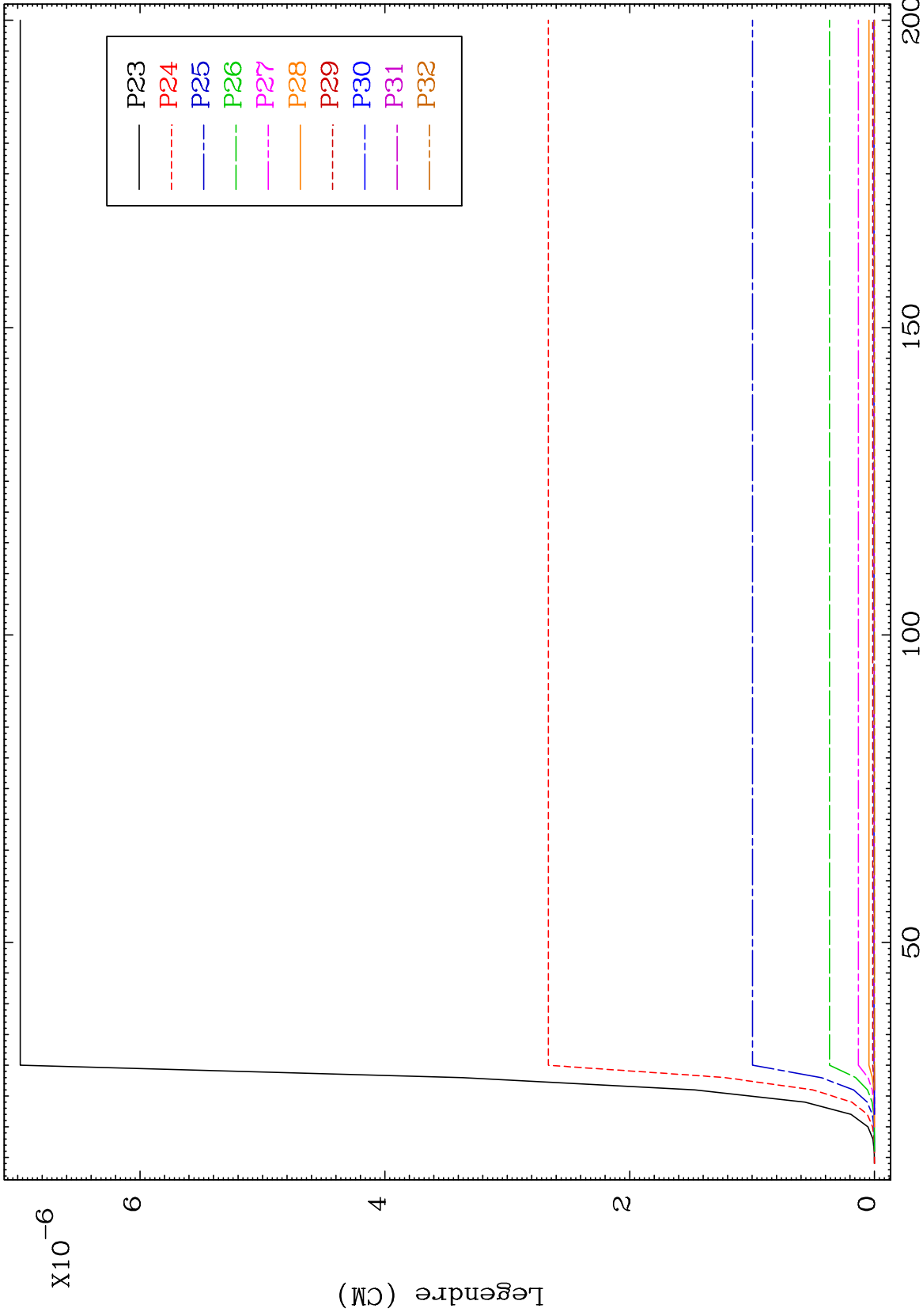
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



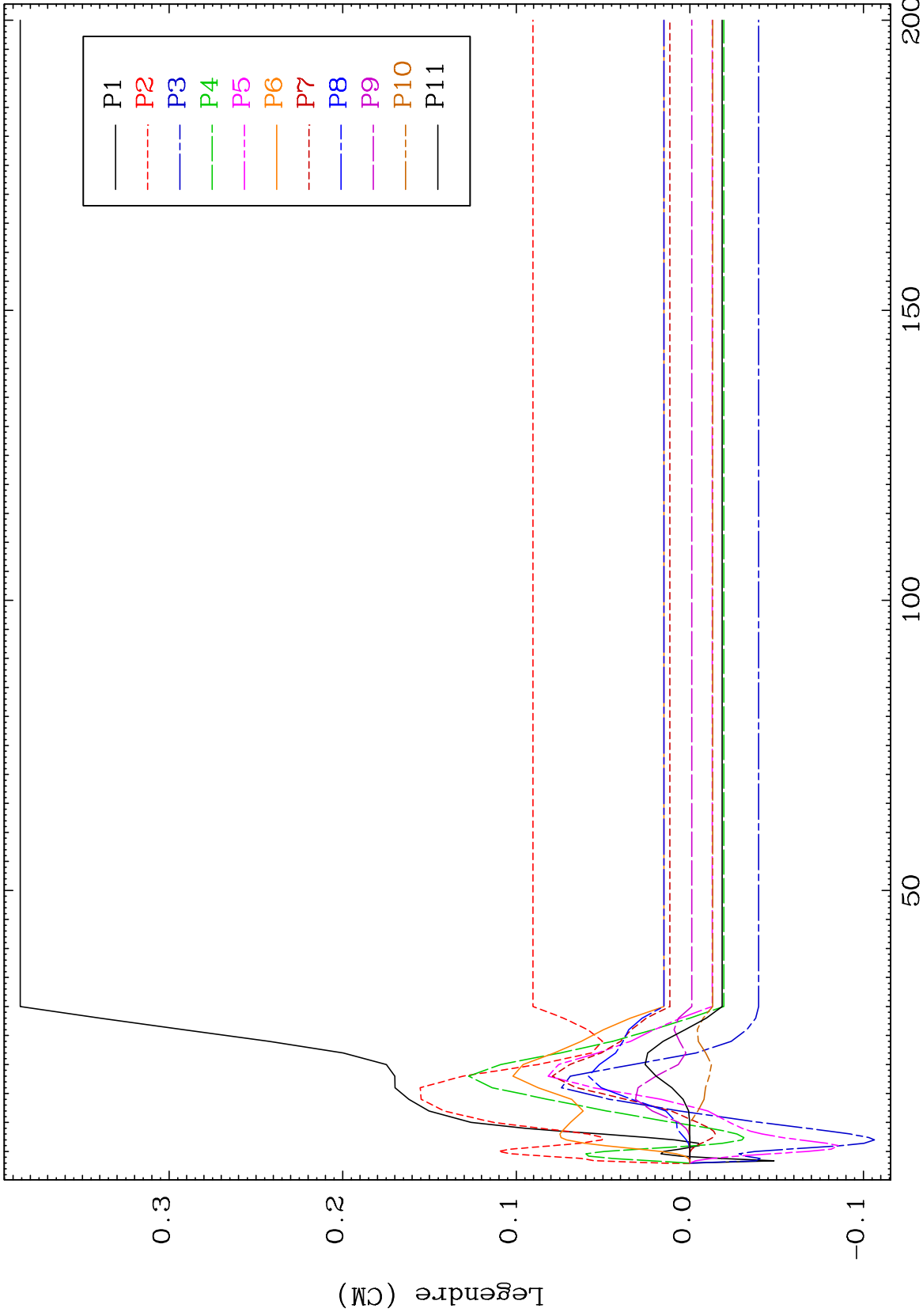
31

28-Ni-64

MAT 2843

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

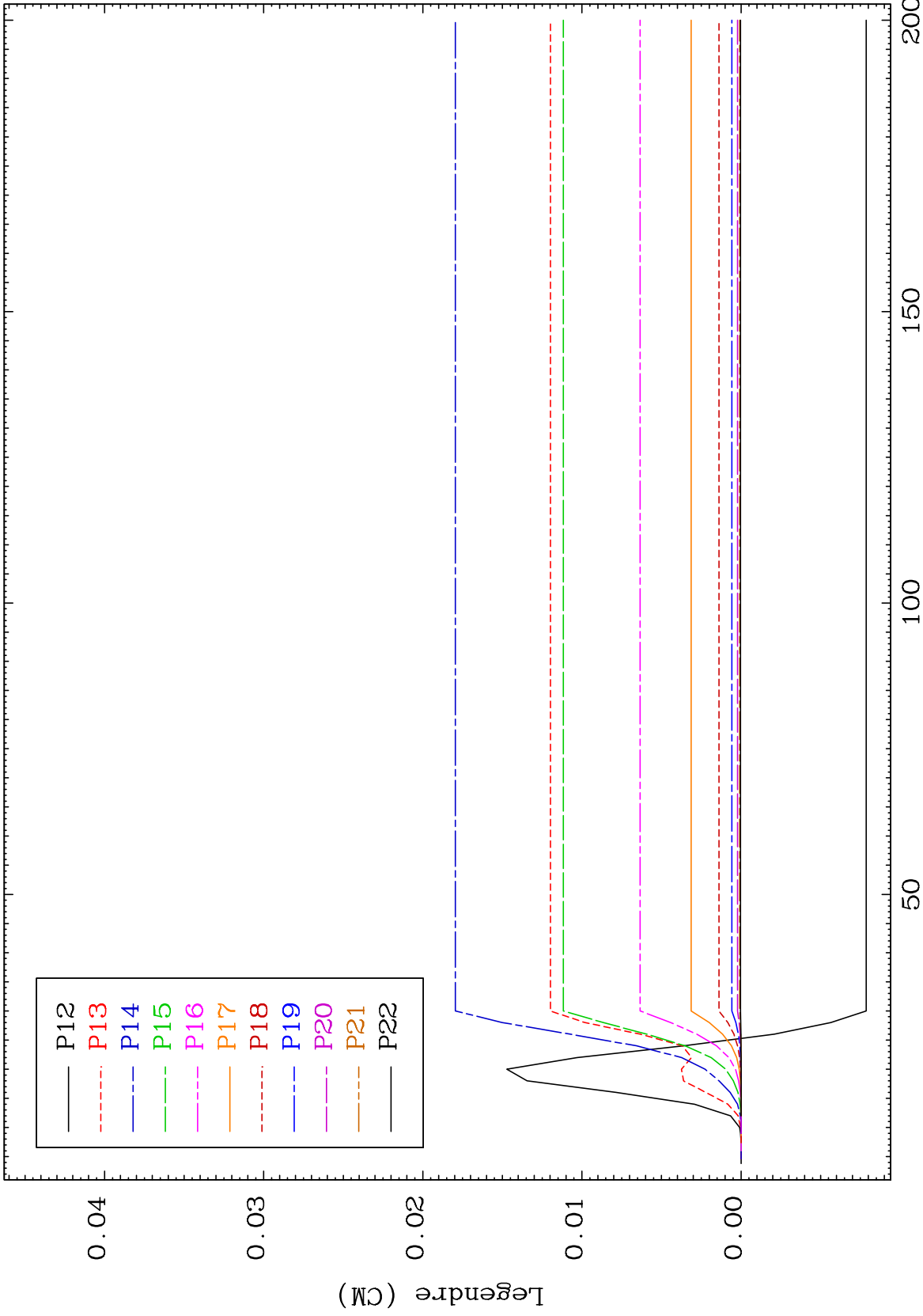
28-Ni-64



32

Incident Energy (MeV)

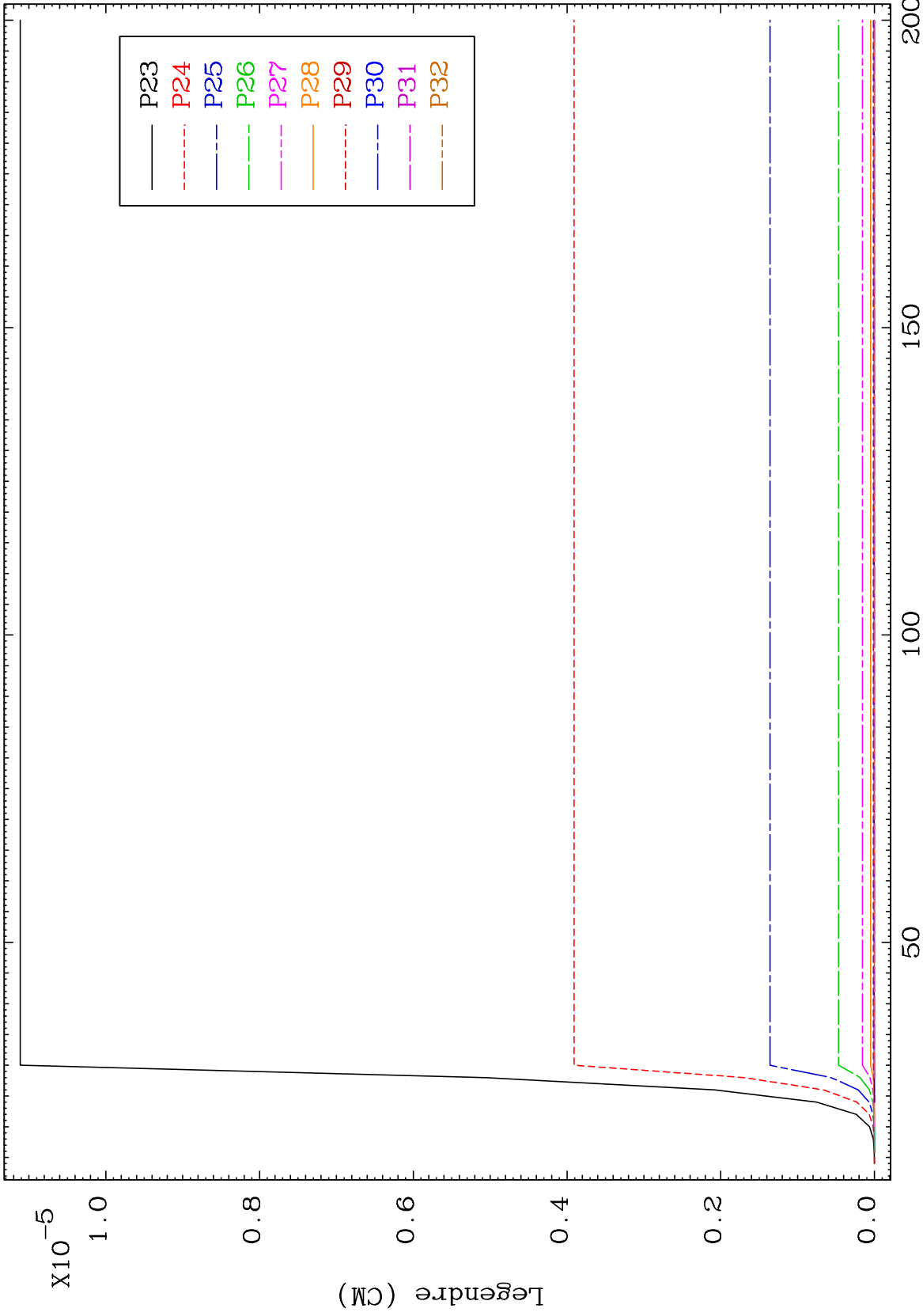
28-Ni-64



MAT 2843

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

28-Ni-64

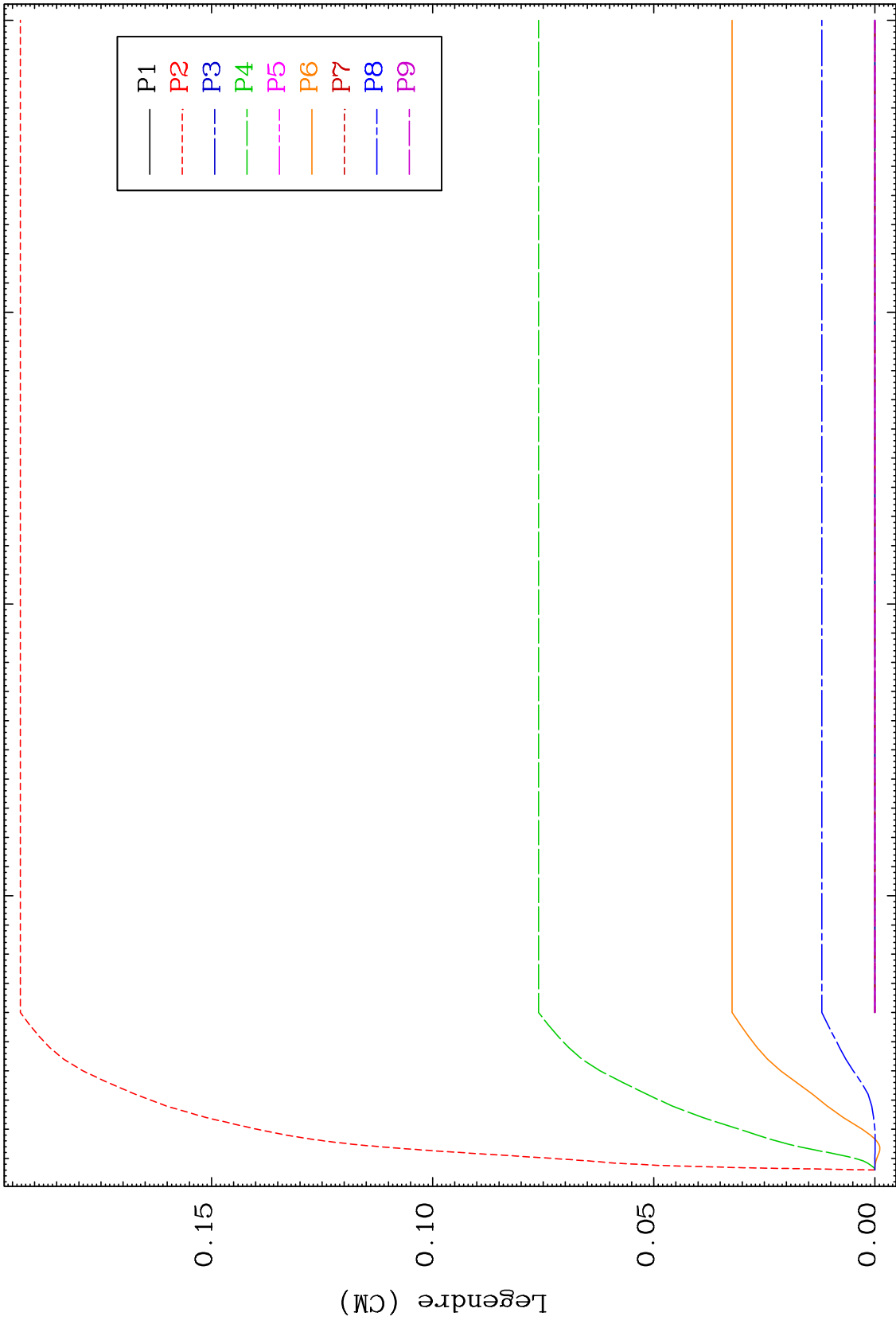


34

Incident Energy (MeV)

28-Ni-64

MAT 2843 MT= 56 (n,n') Level Legendre Coefficients 28-Ni-64

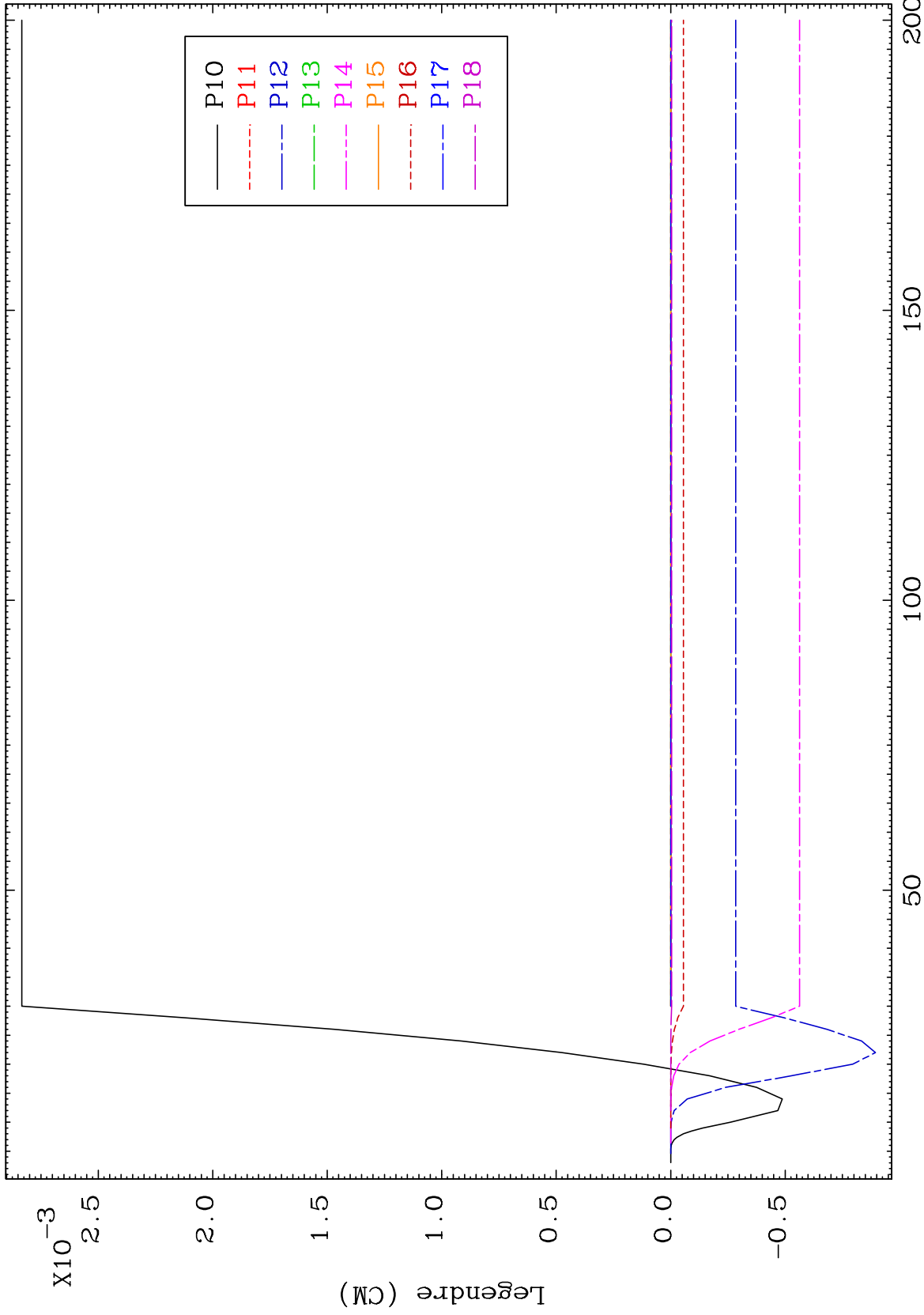


35 Incident Energy (MeV) 28-Ni-64

MAT 2843

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

28-Ni-64



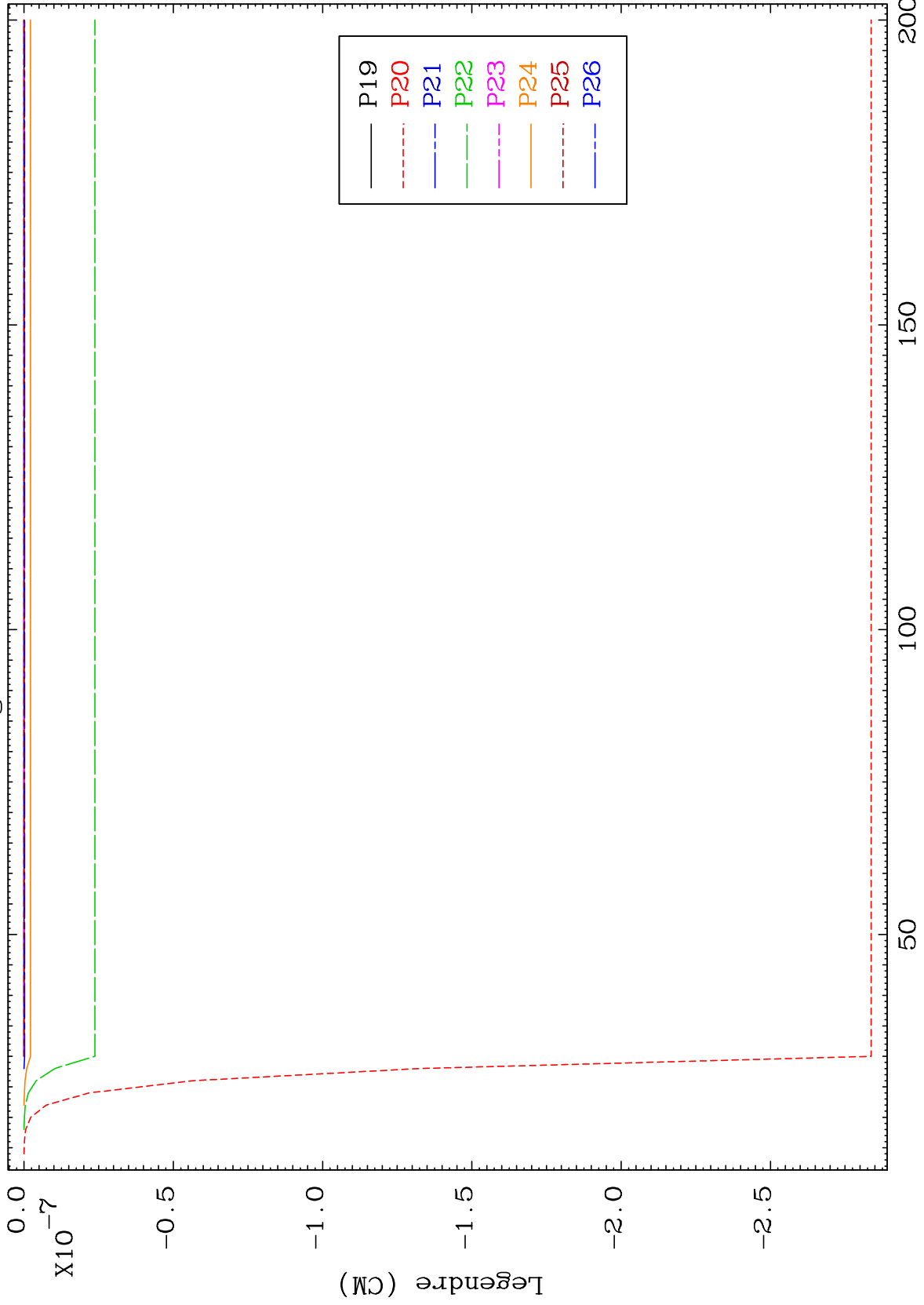
36

28-Ni-64

MAT 2843

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

28-Ni-64

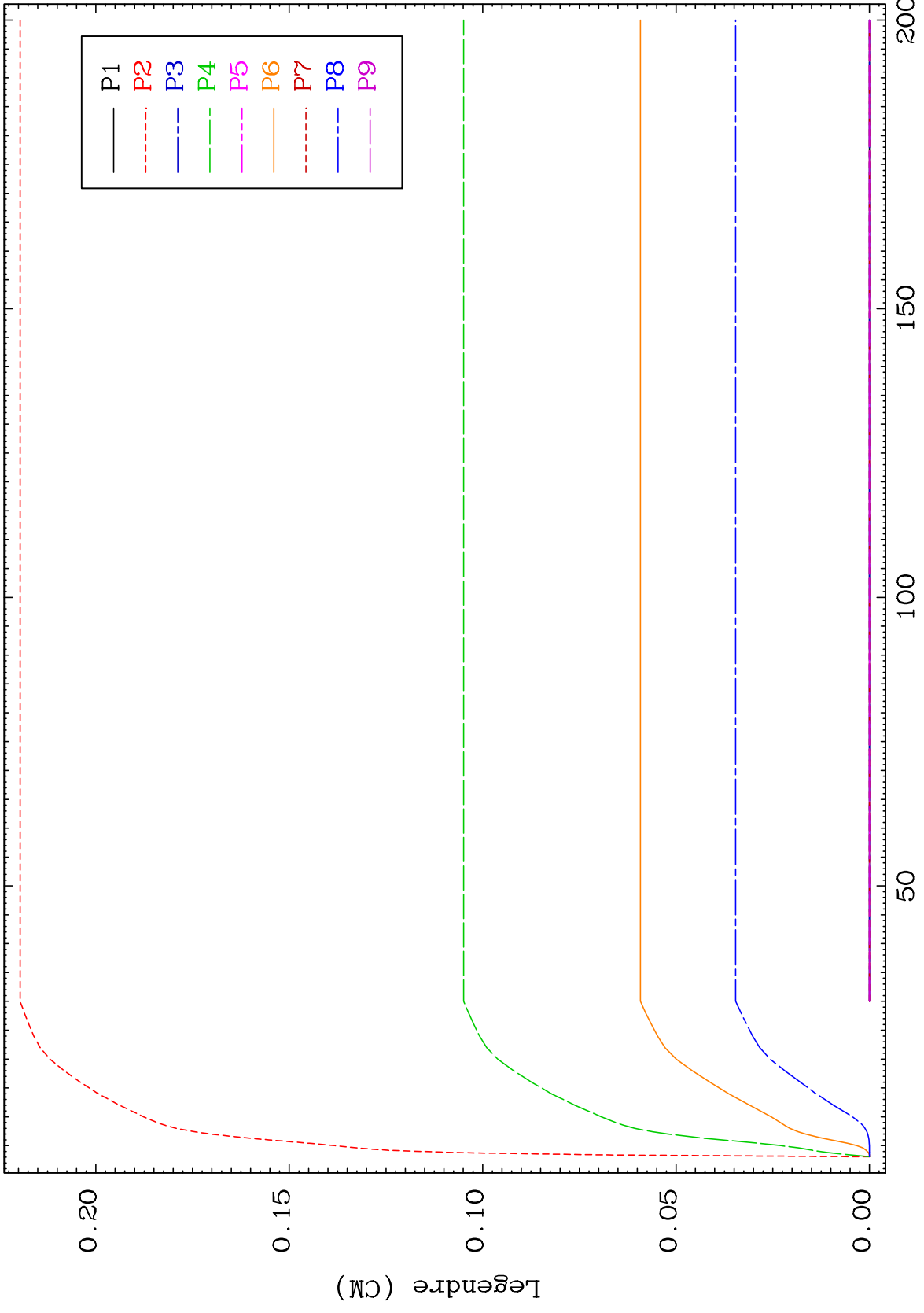


28-Ni-64

Incident Energy (MeV)

37

MAT 2843 MT= 57 (n,n') Level Legendre Coefficients 28-Ni-64

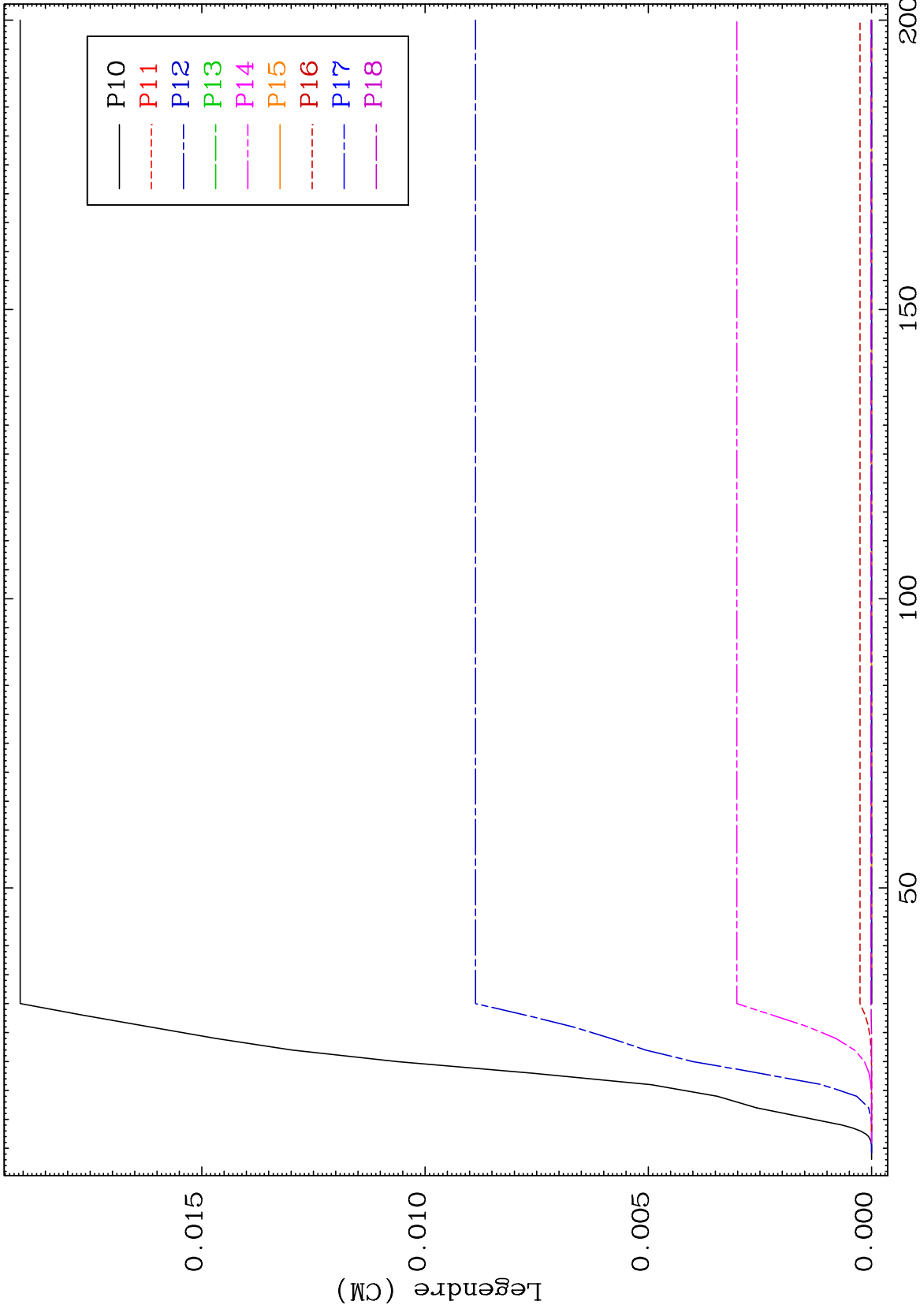


38 Incident Energy (MeV) 28-Ni-64

MAT 2843

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

28-Ni-64

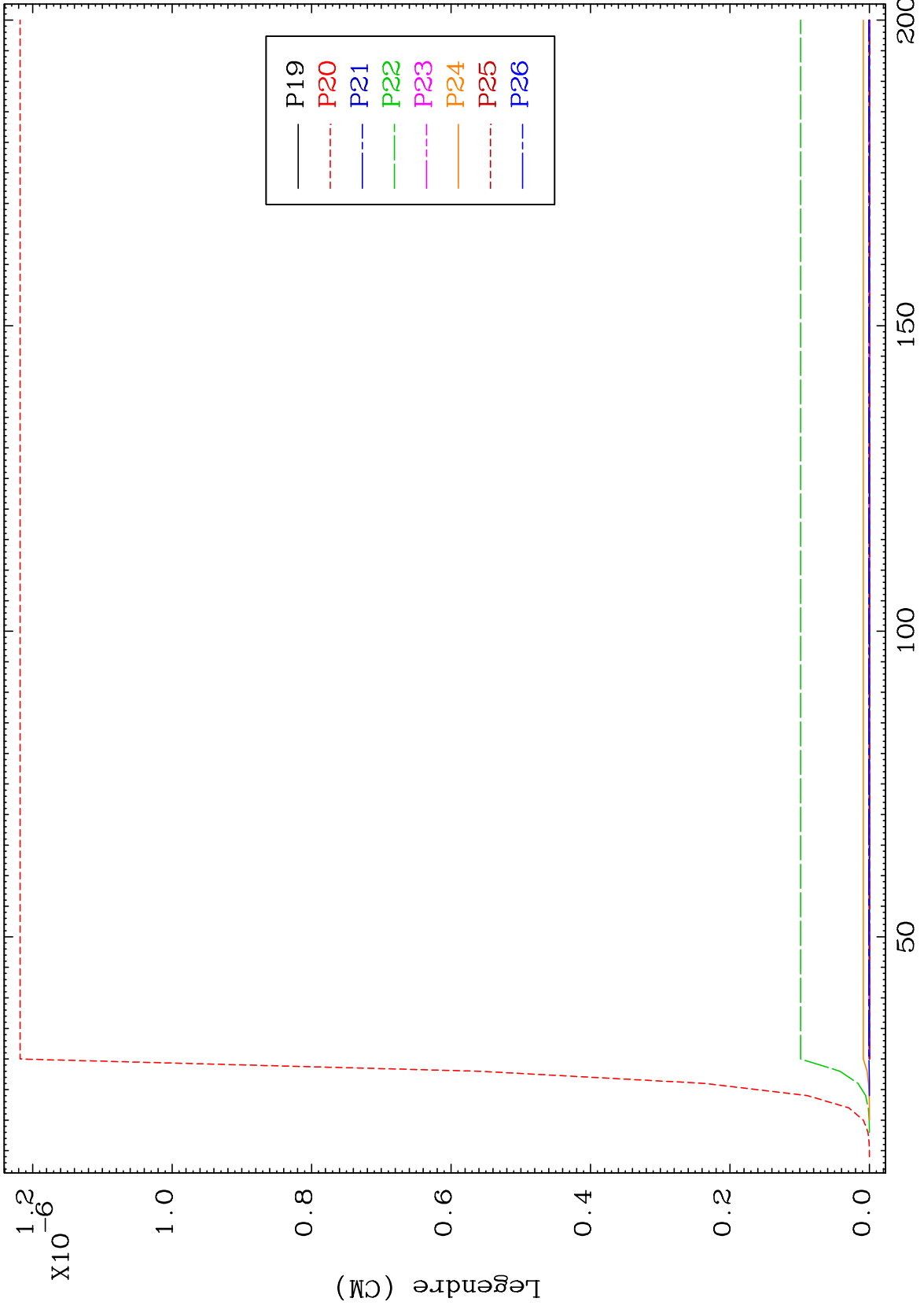


39

Incident Energy (MeV)

28-Ni-64

MAT 2843 MT= 57 (n,n') Level Legendre Coefficients 28-Ni-64

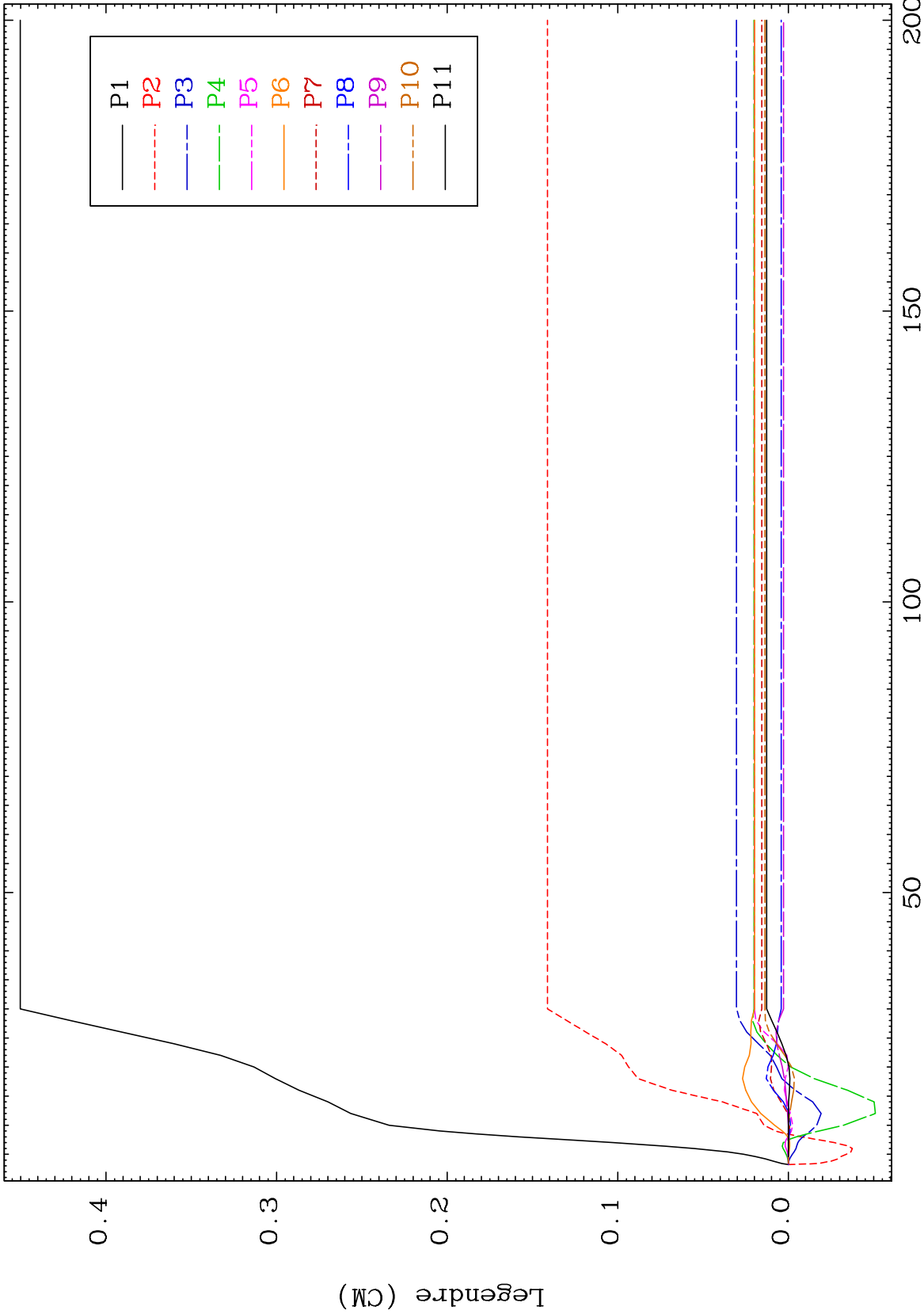


28-Ni-64

MAT 2843

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

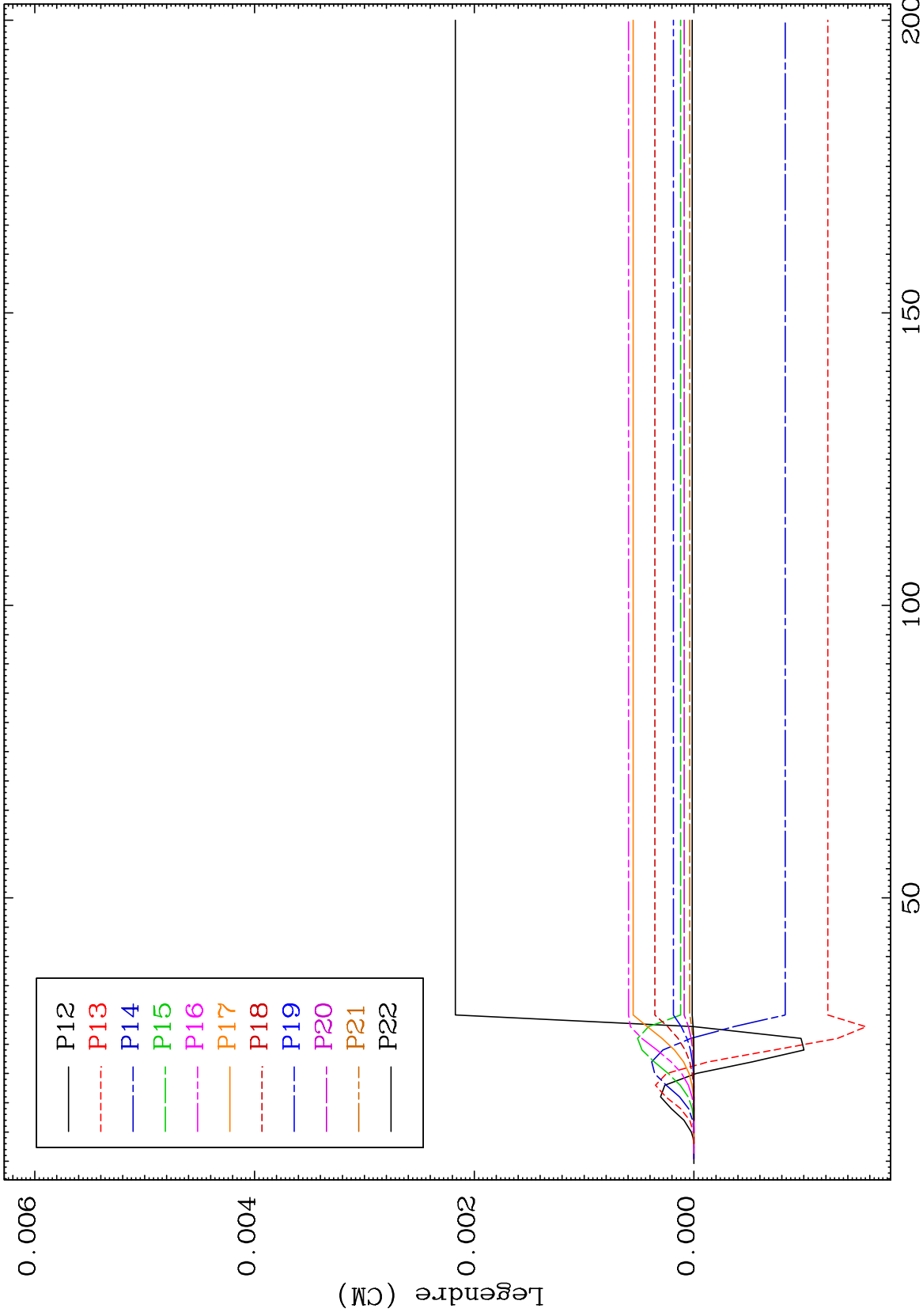
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MAT 2843

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

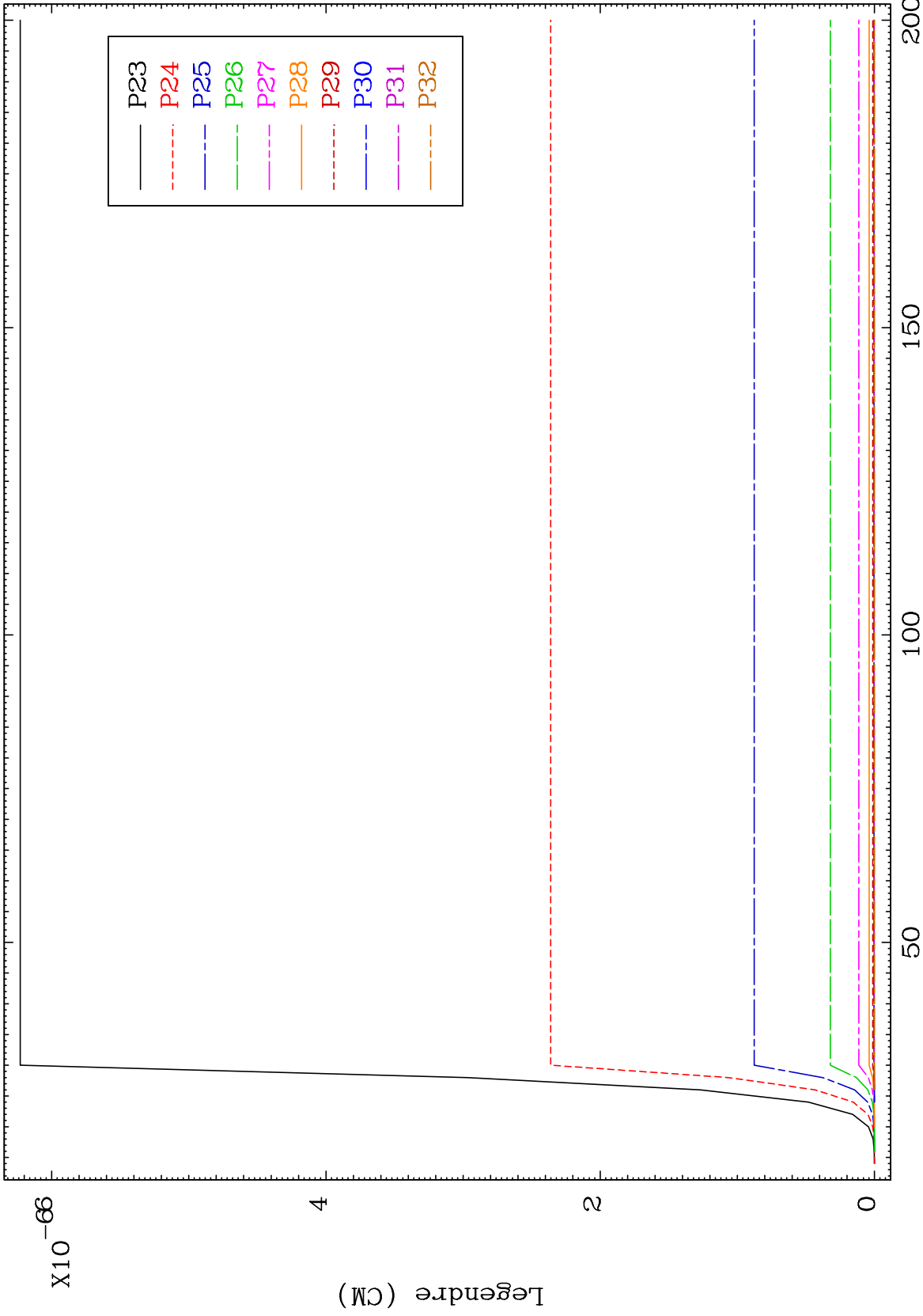
28-Ni-64



MAT 2843

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

28-Ni-64



43

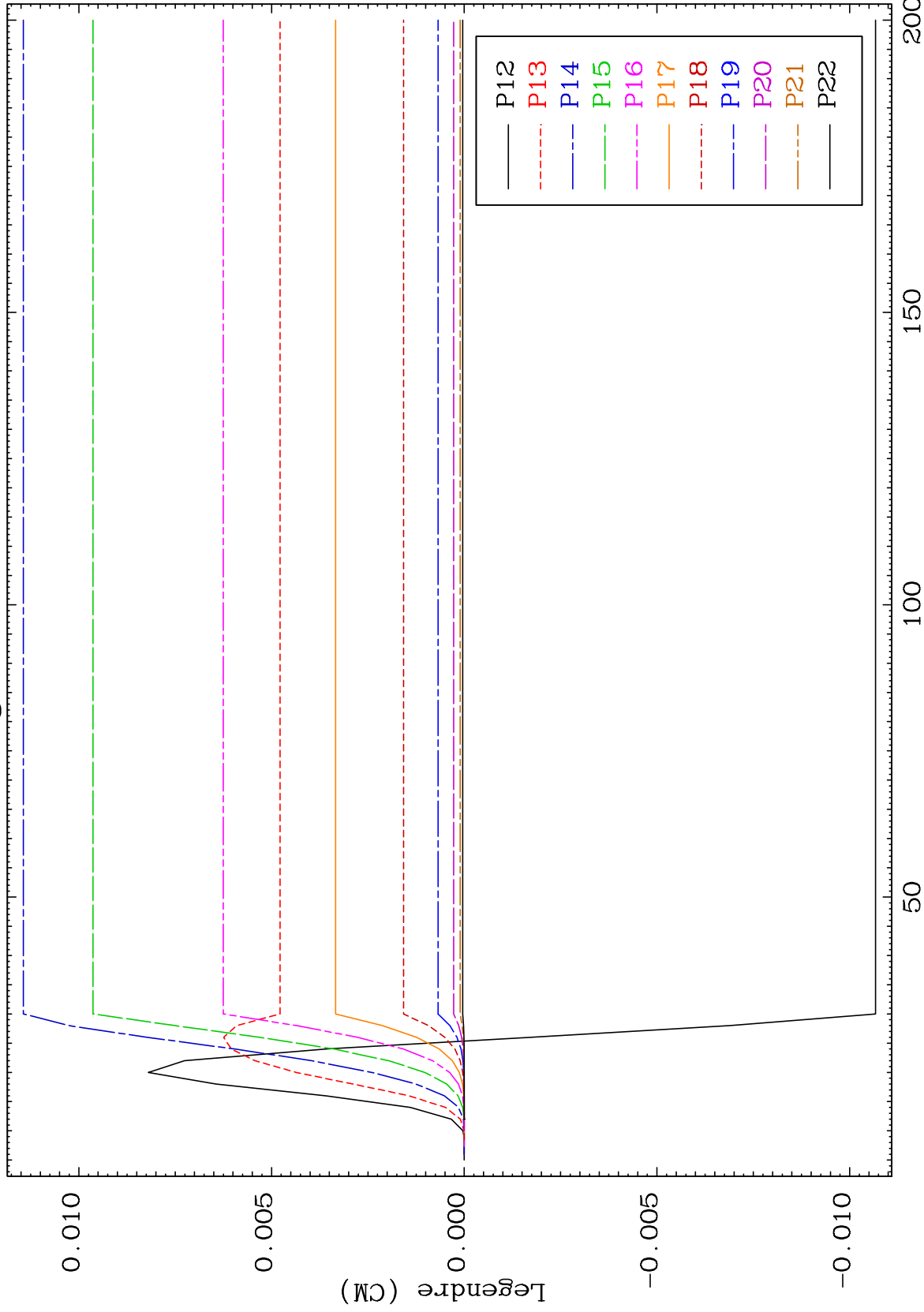
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



45

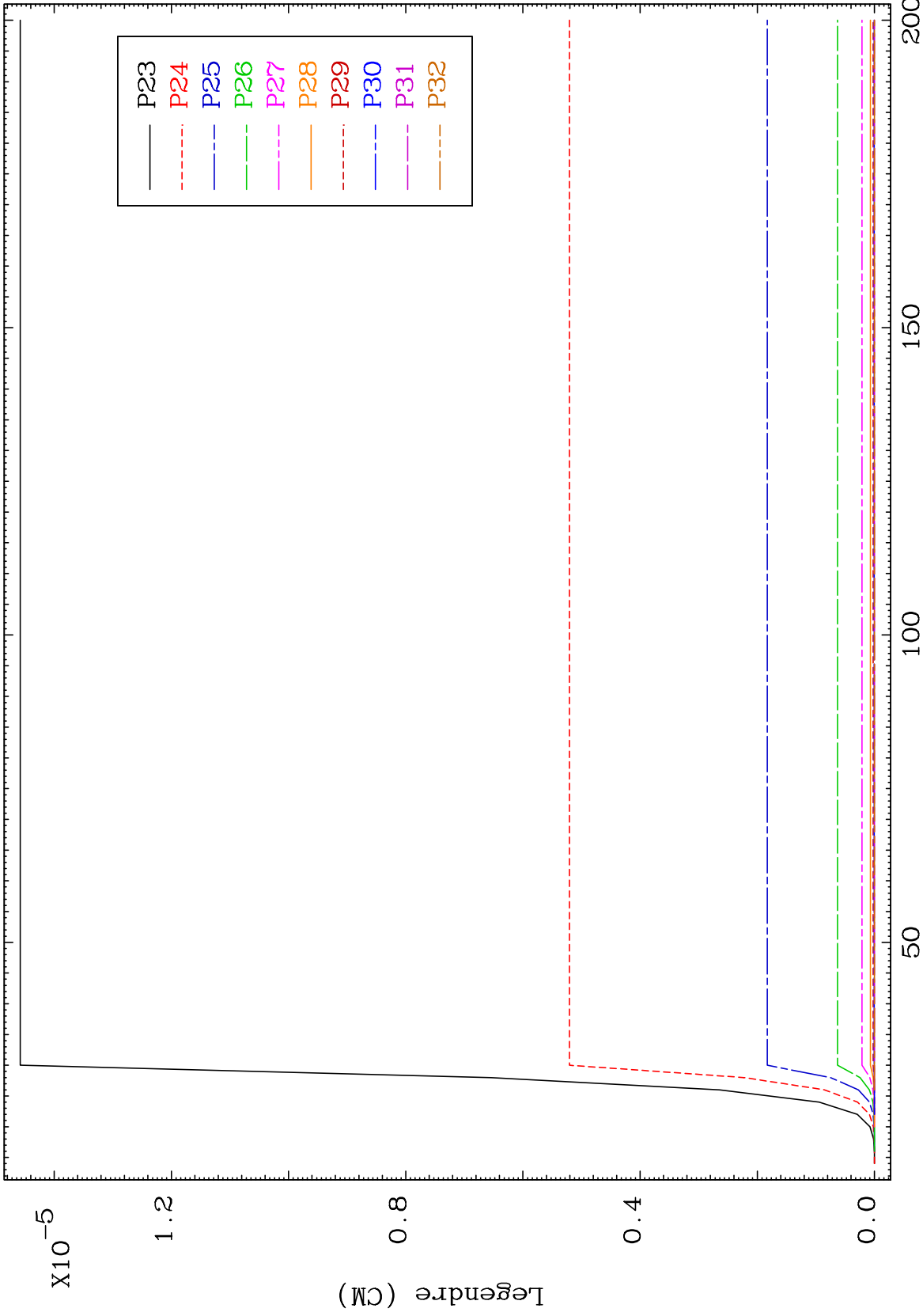
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



46

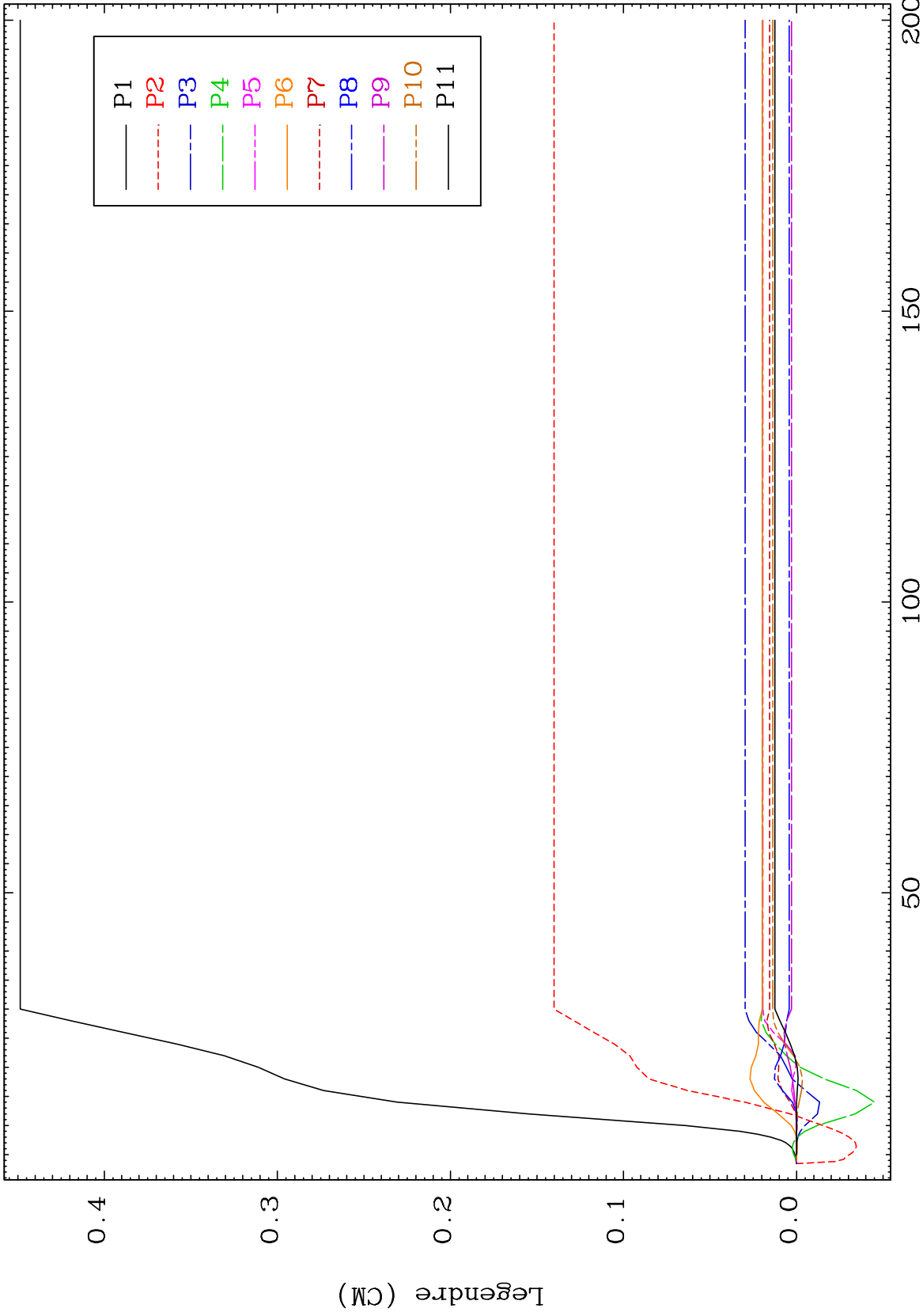
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



47

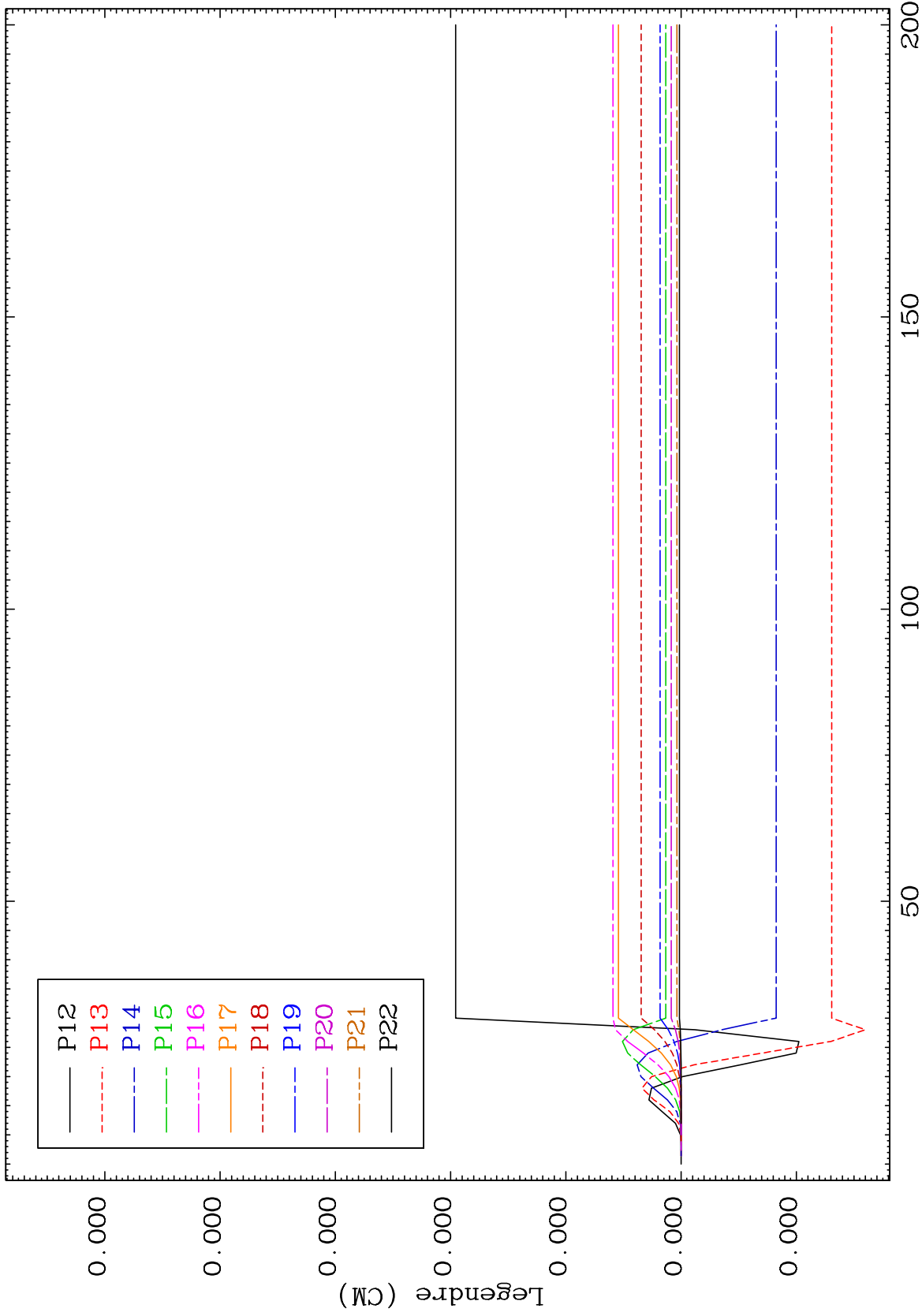
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



48

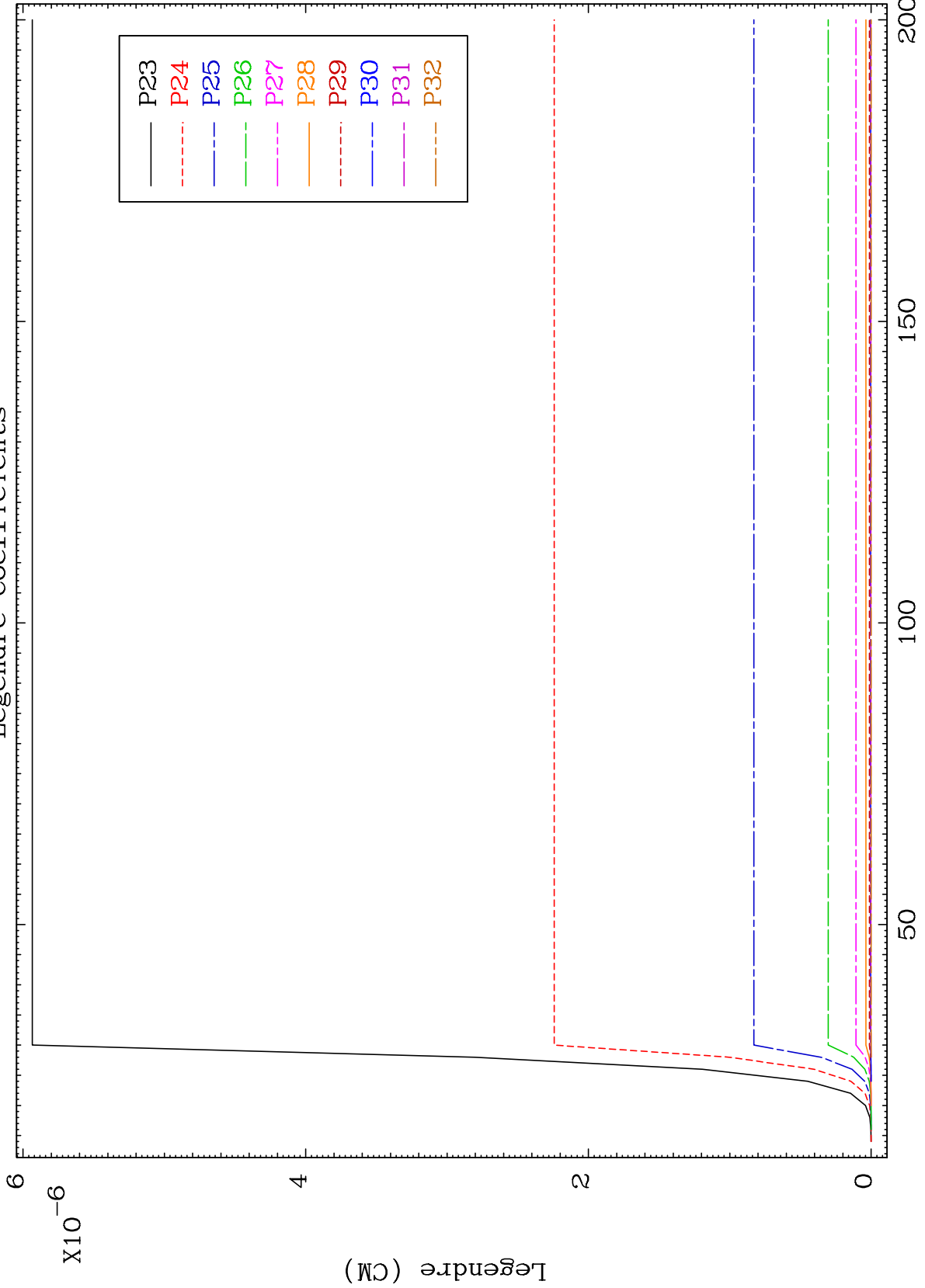
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



49

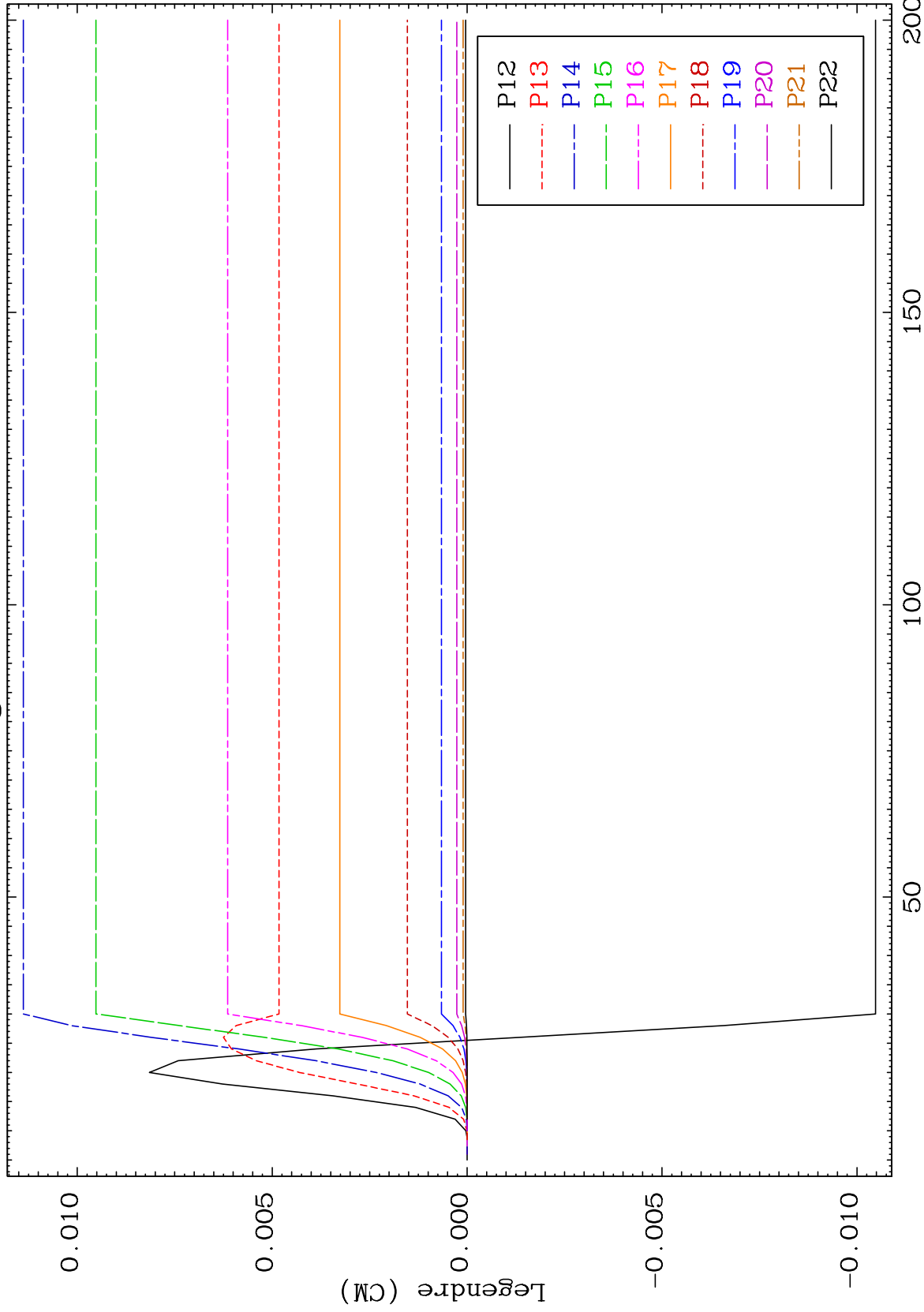
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



51

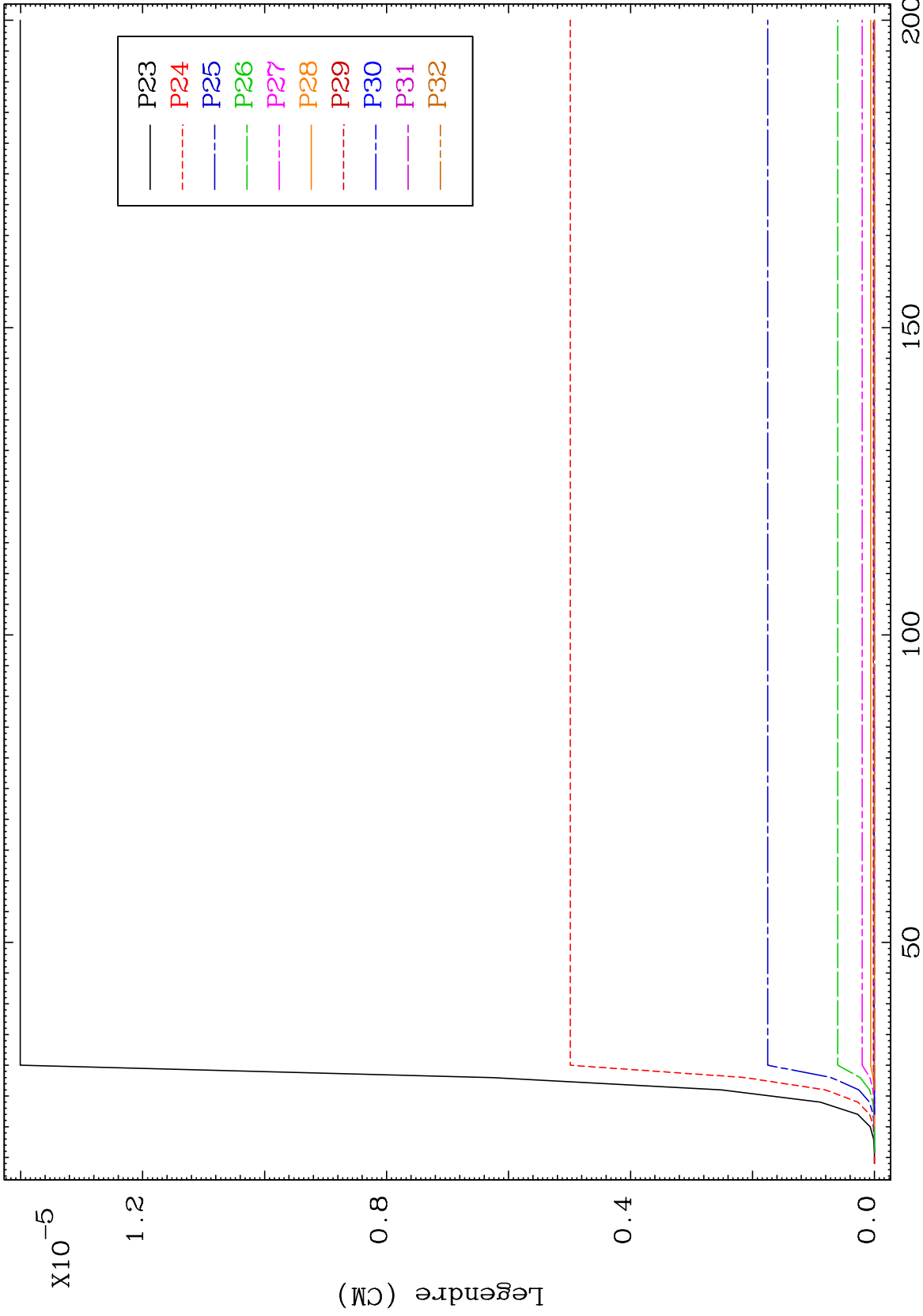
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64

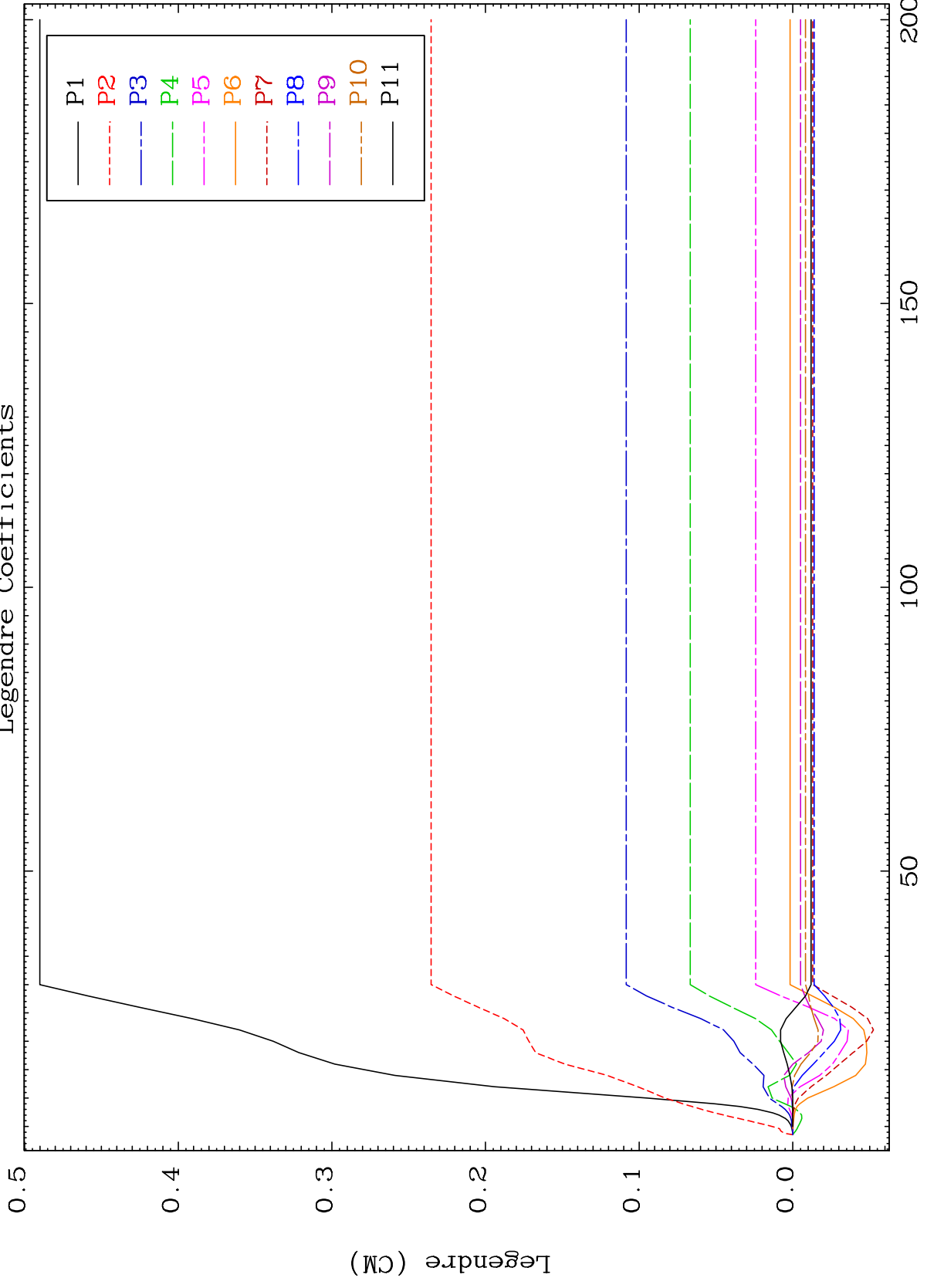


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Incident Energy (MeV)

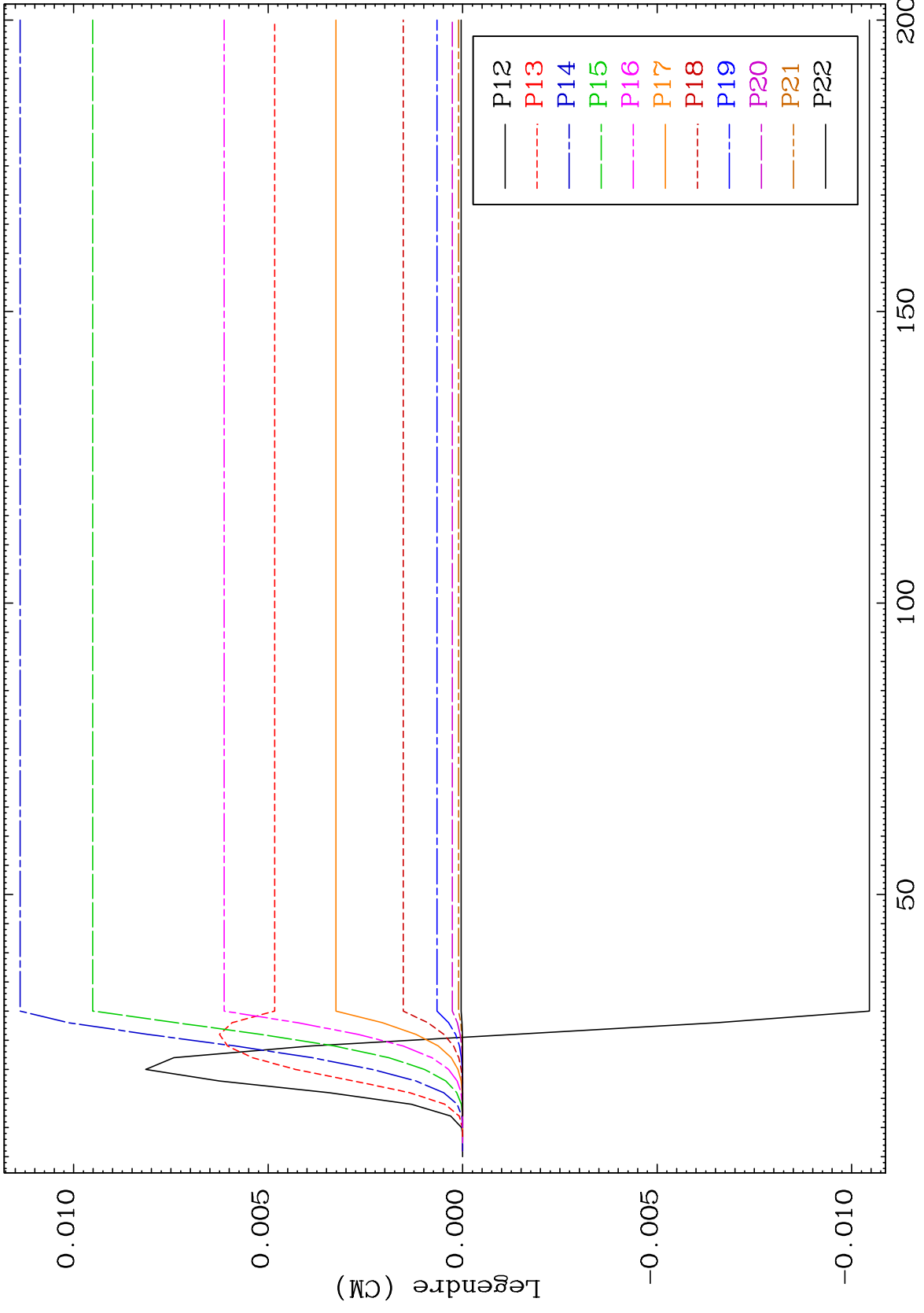
28-Ni-64

MAT 2843 MT= 62 (n,n') Level Legendre Coefficients 28-Ni-64



53 Incident Energy (MeV) 28-Ni-64

MAT 2843 MT= 62 (n,n') Level Legendre Coefficients 28-Ni-64

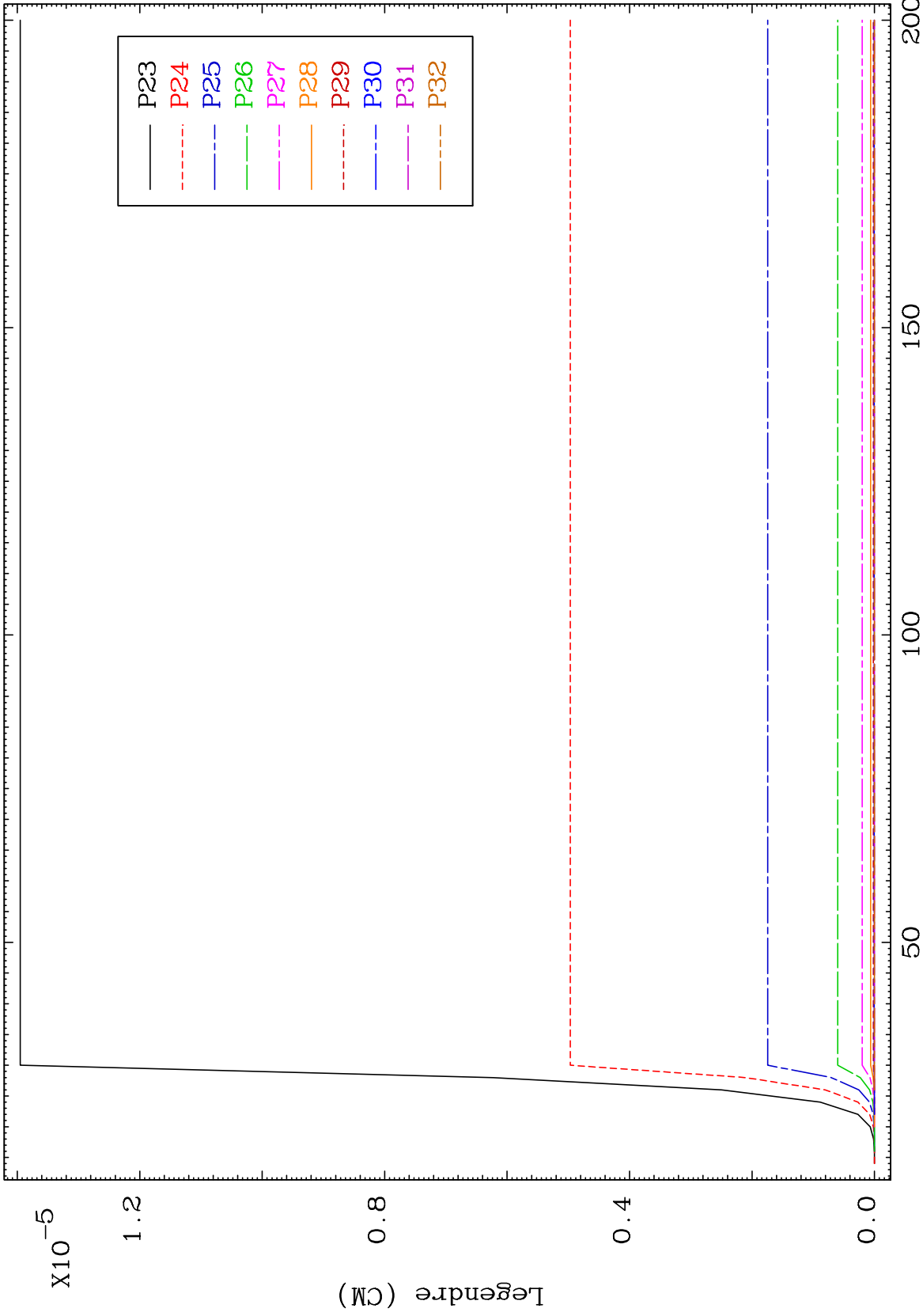


54 Incident Energy (MeV) 28-Ni-64

MAT 2843

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

28-Ni-64



55

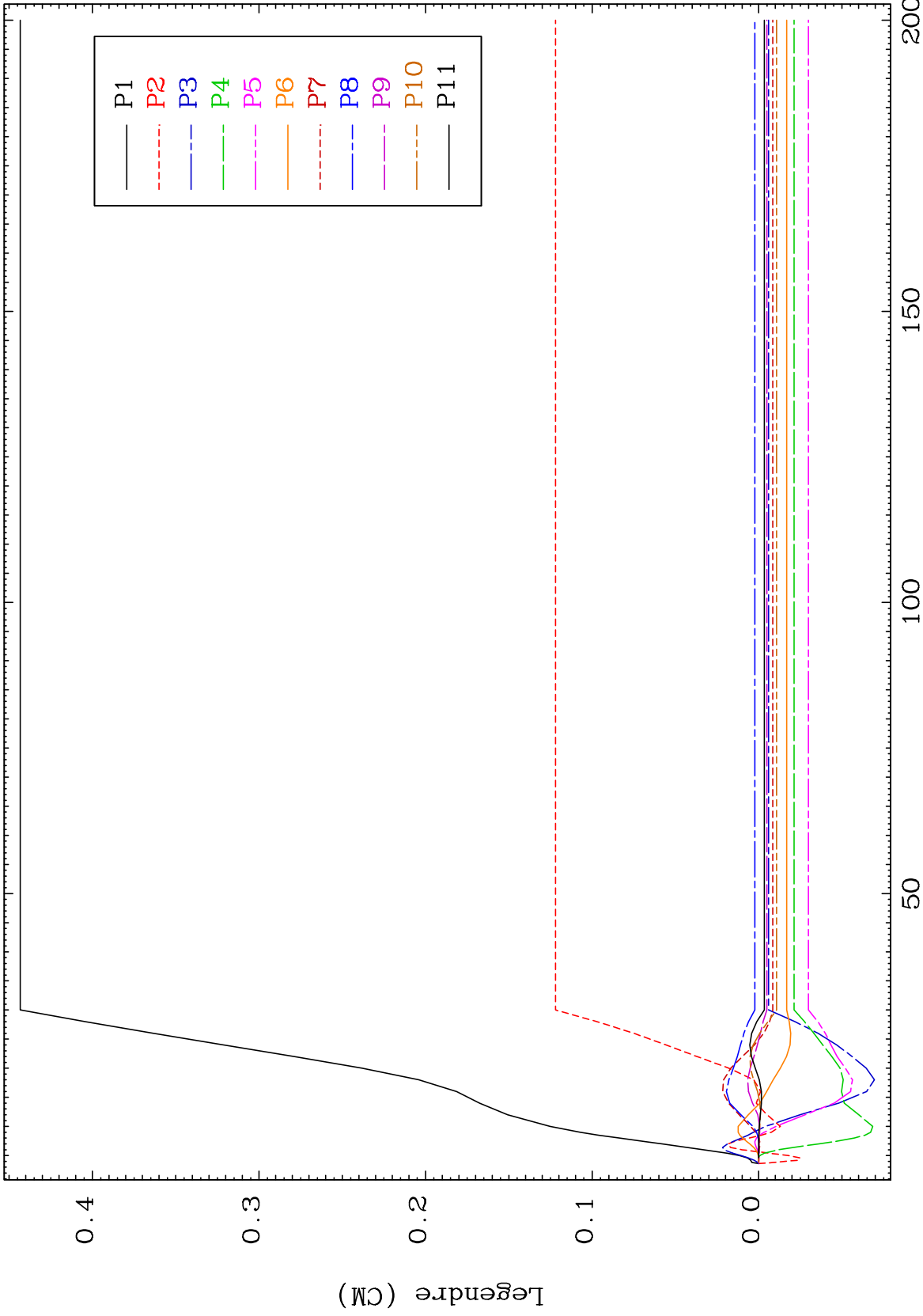
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



56

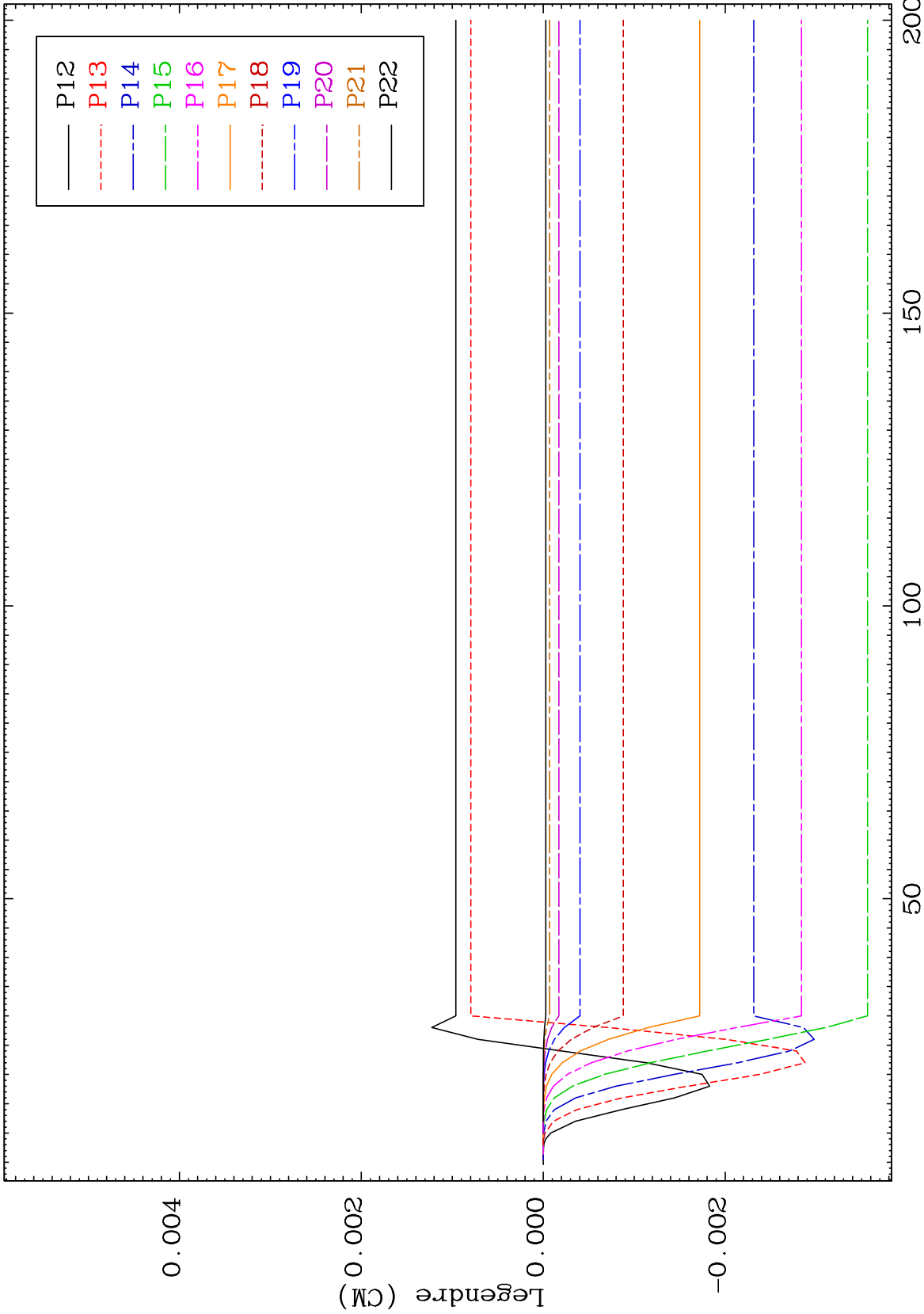
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



57

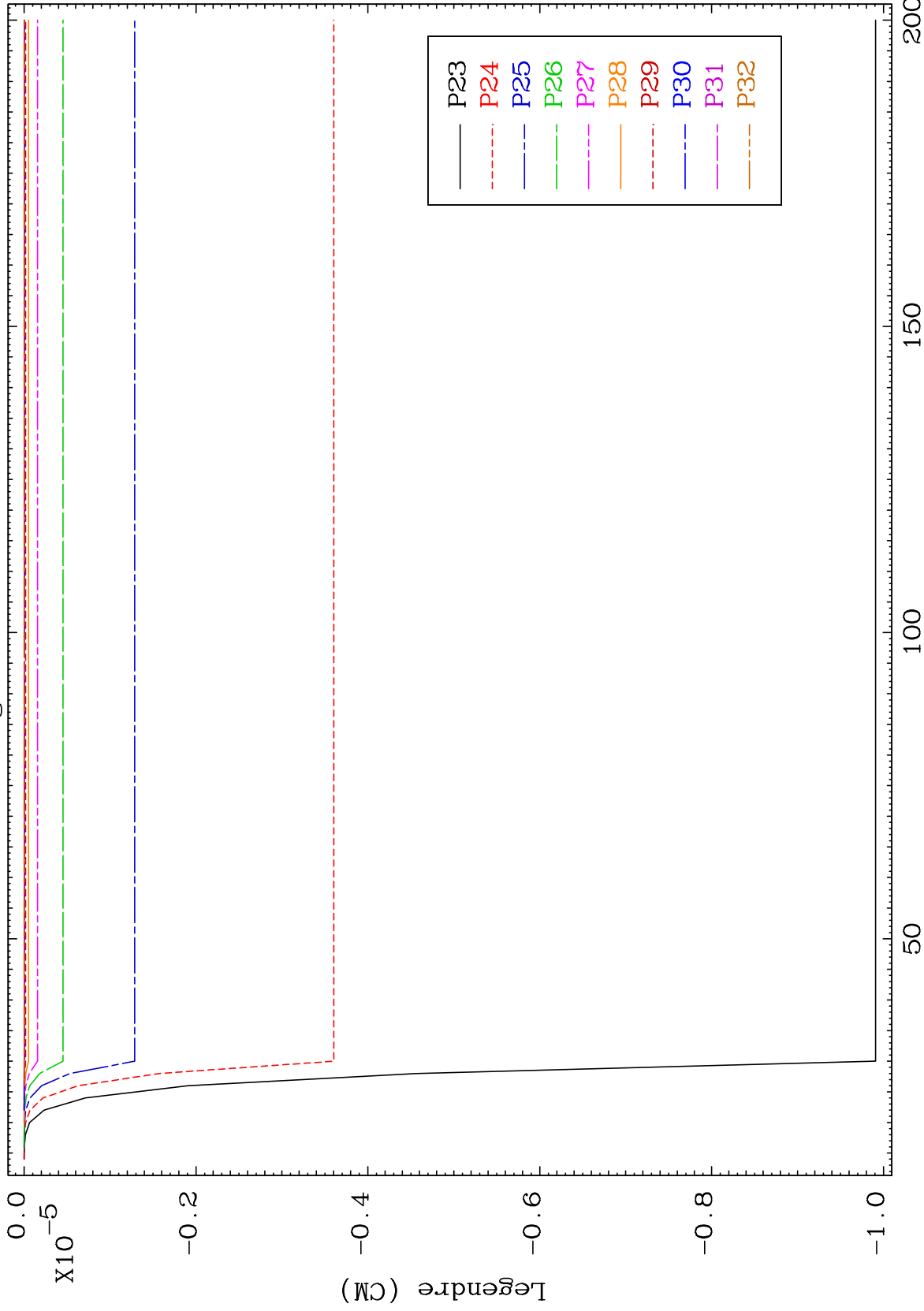
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64

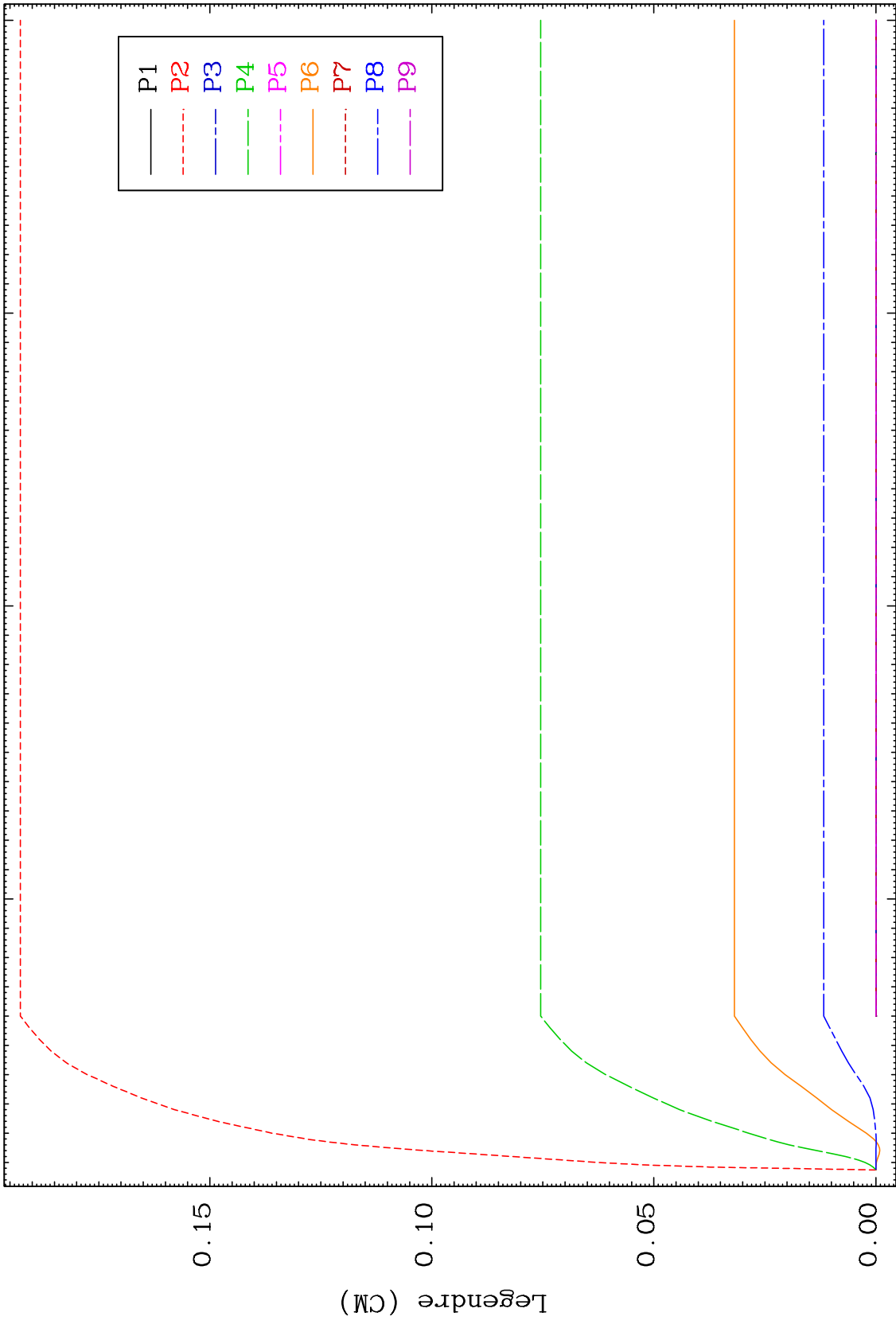


58

Incident Energy (MeV)

28-Ni-64

MAT 2843 MT= 64 (n,n') Level Legendre Coefficients 28-Ni-64

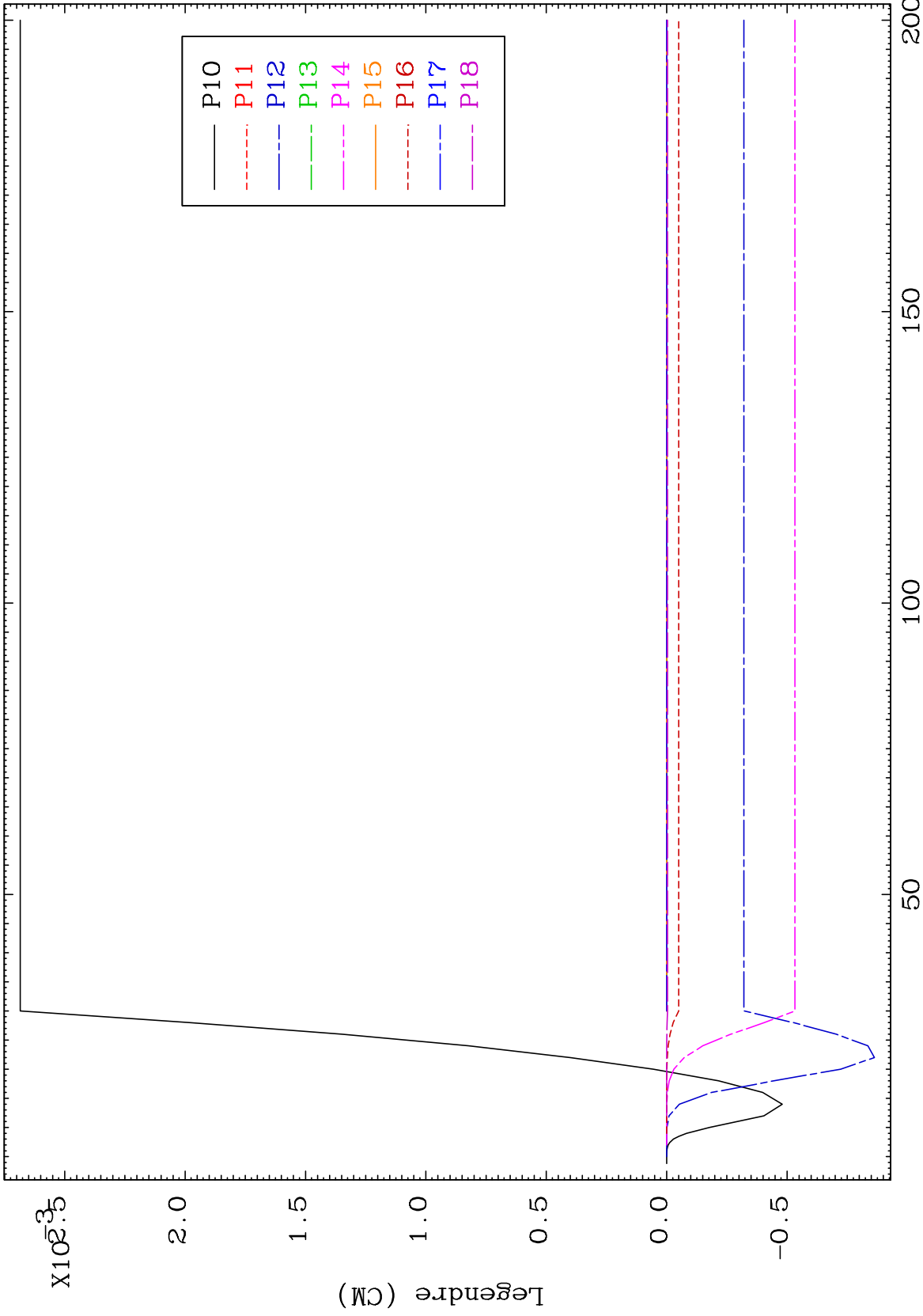


59 Incident Energy (MeV) 28-Ni-64

MAT 2843

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

28-Ni-64



60

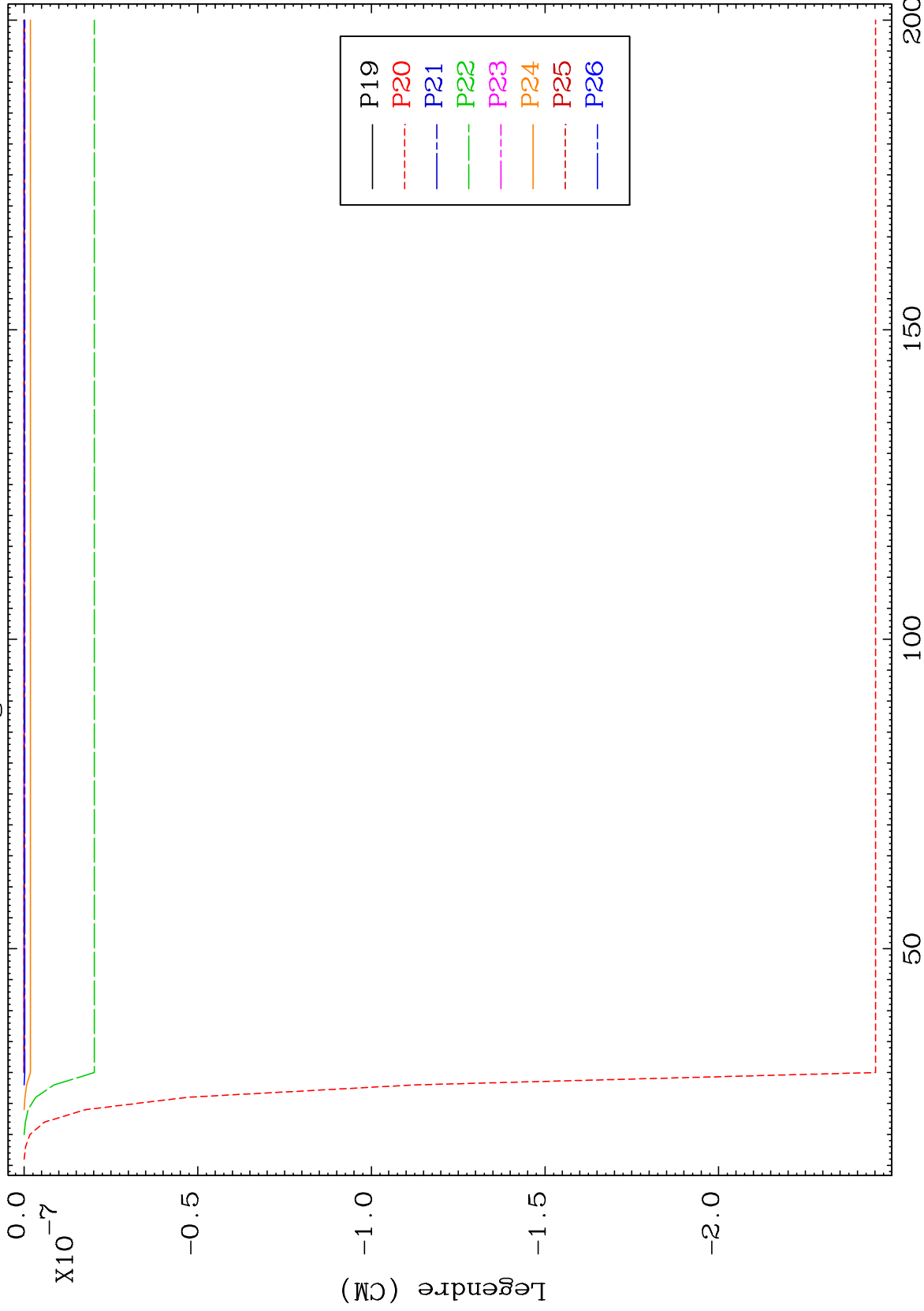
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64

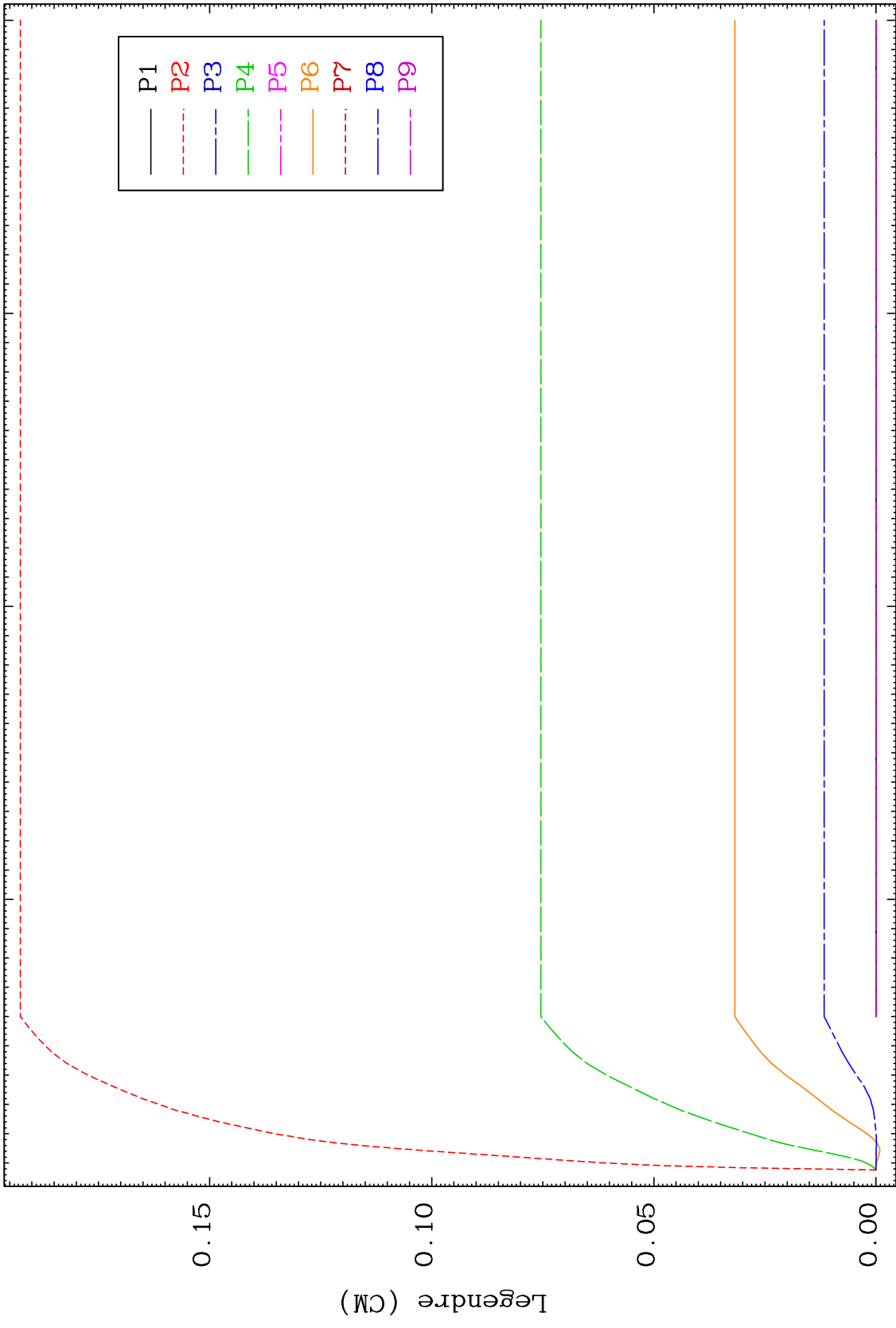


28-Ni-64

Incident Energy (MeV)

61

MAT 2843 MT= 65 (n,n') Level Legendre Coefficients 28-Ni-64

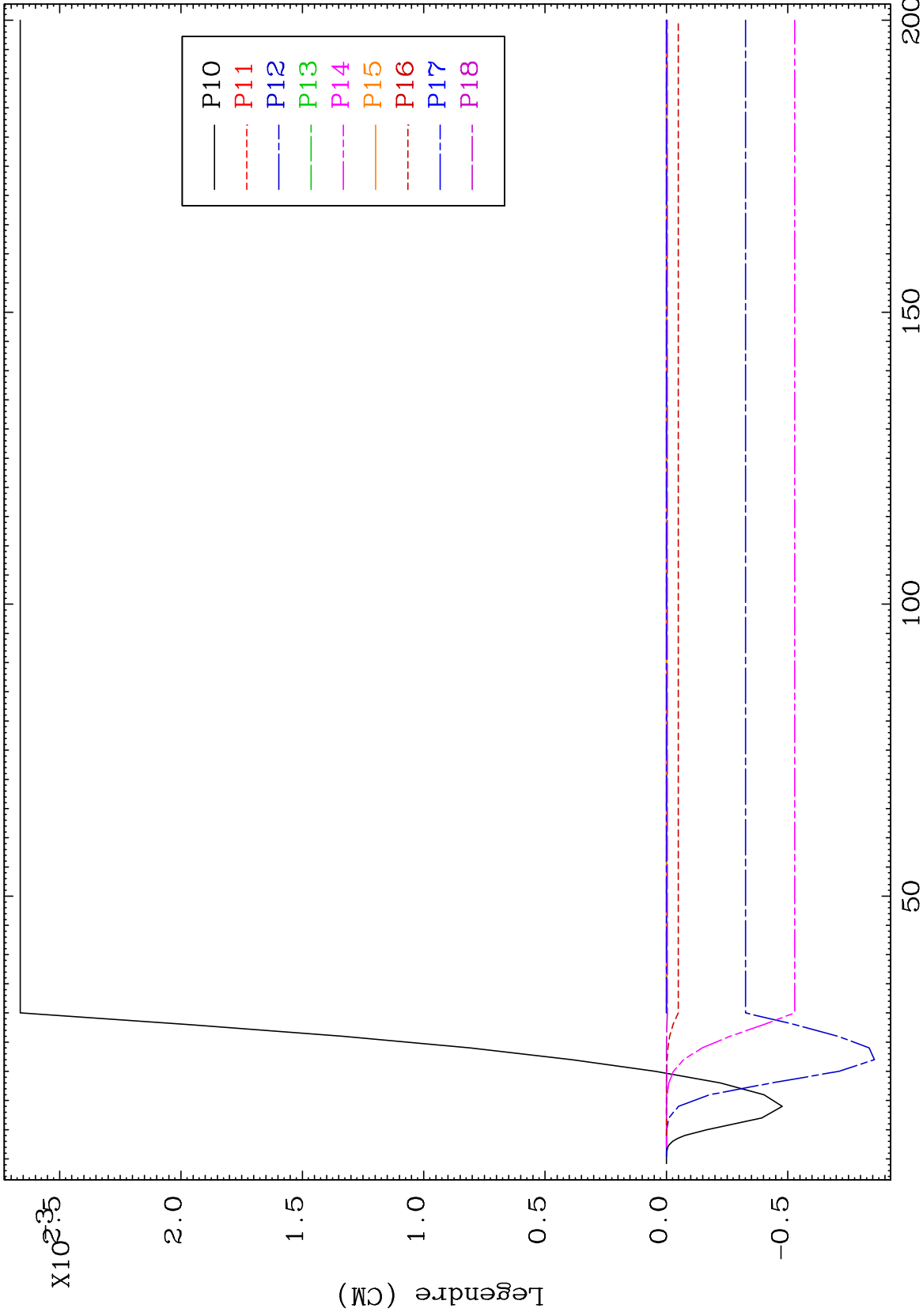


62 Incident Energy (MeV) 28-Ni-64

MAT 2843

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

28-Ni-64



63

Incident Energy (MeV)

28-Ni-64

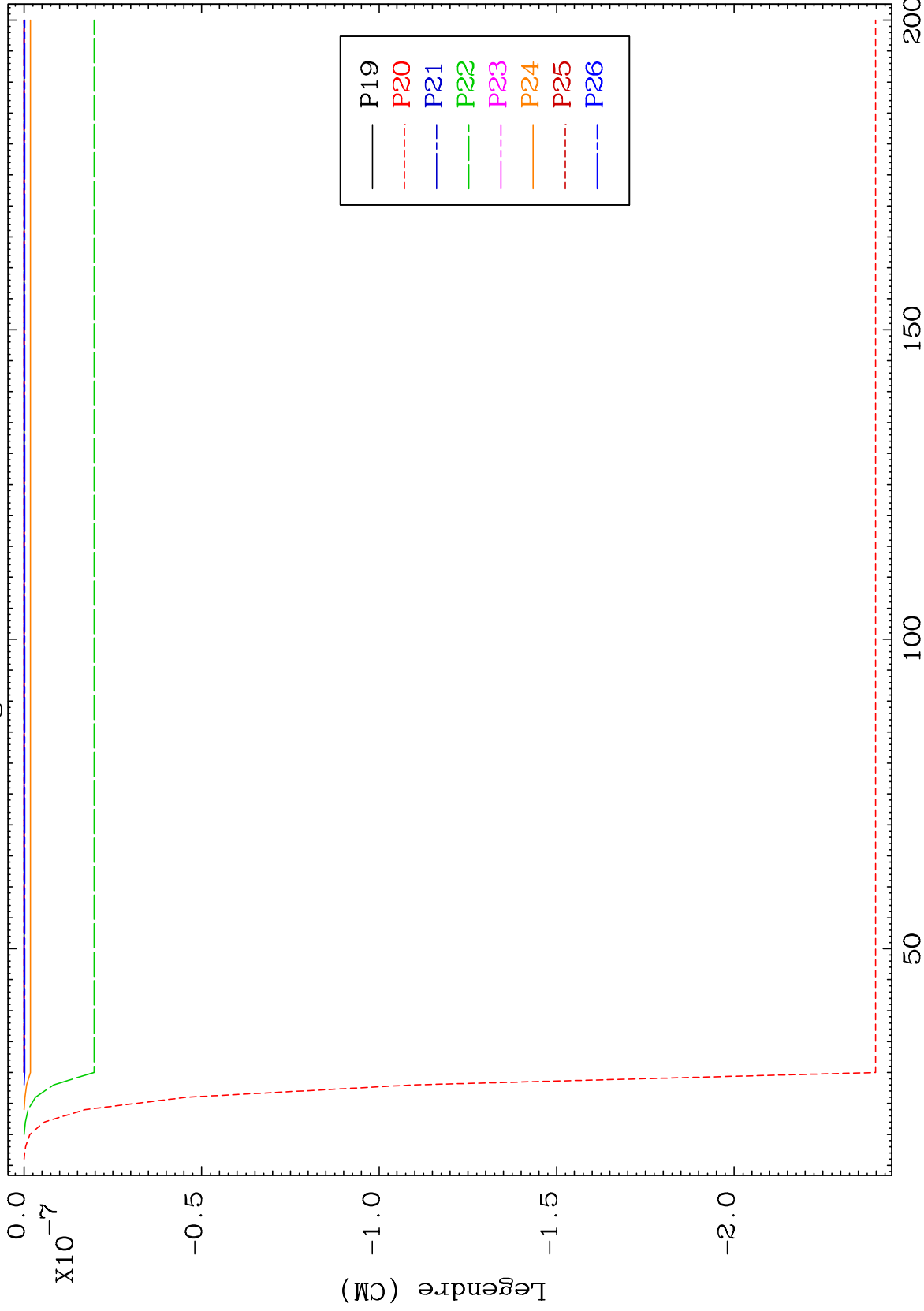
MAT 2843

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

28-Ni-64

Incident Energy (MeV)

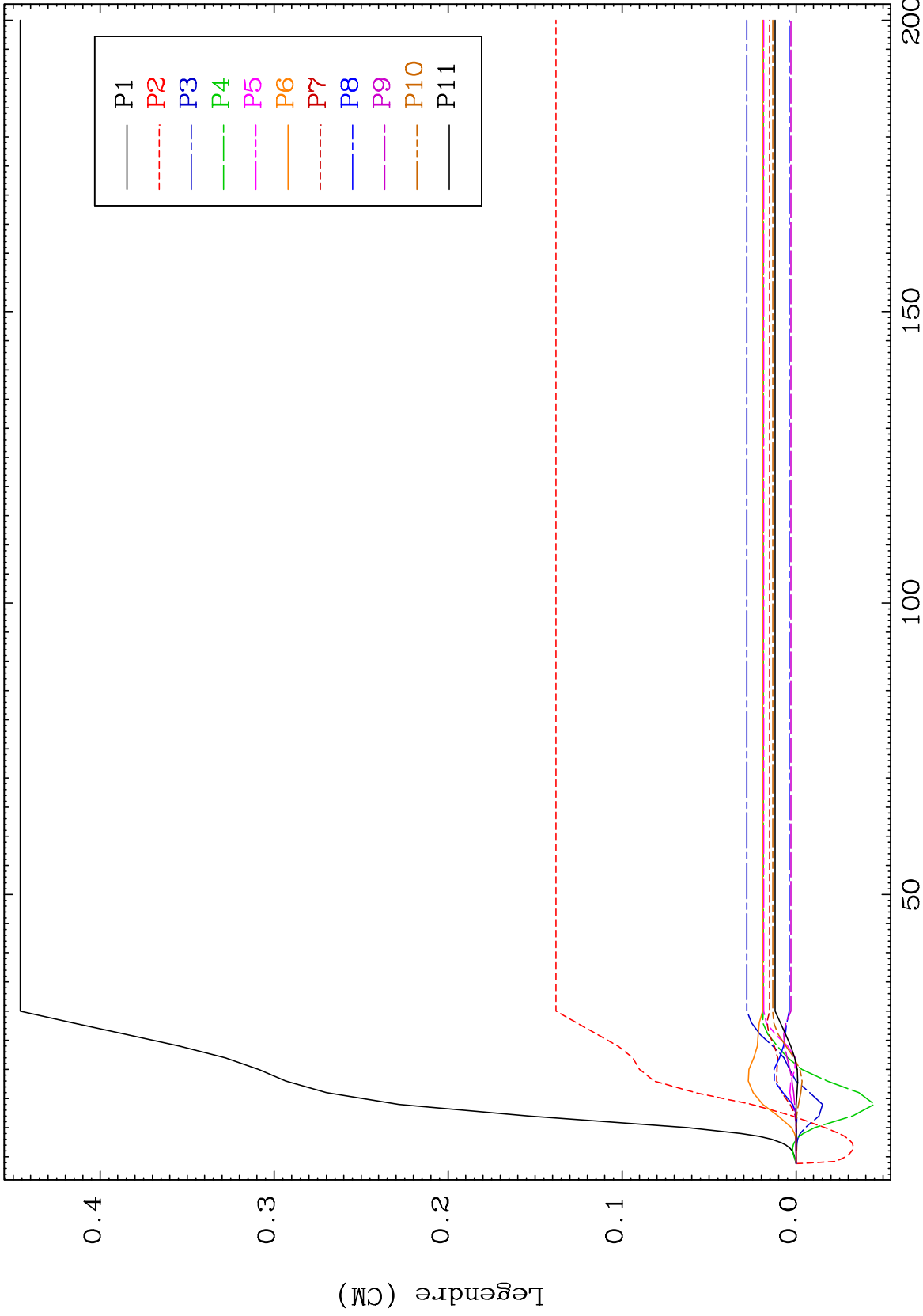
64



MAT 2843

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

28-Ni-64



65

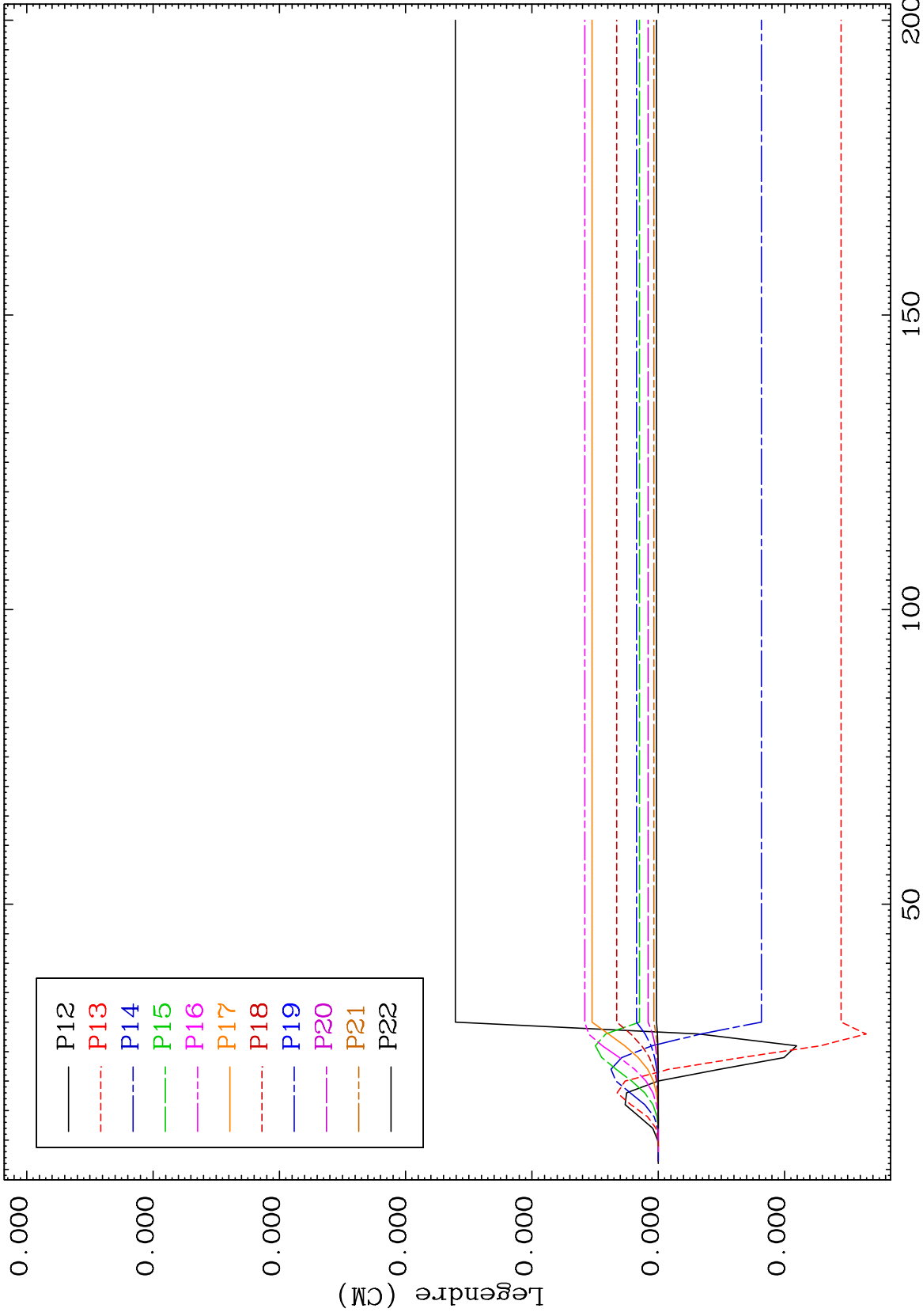
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



66

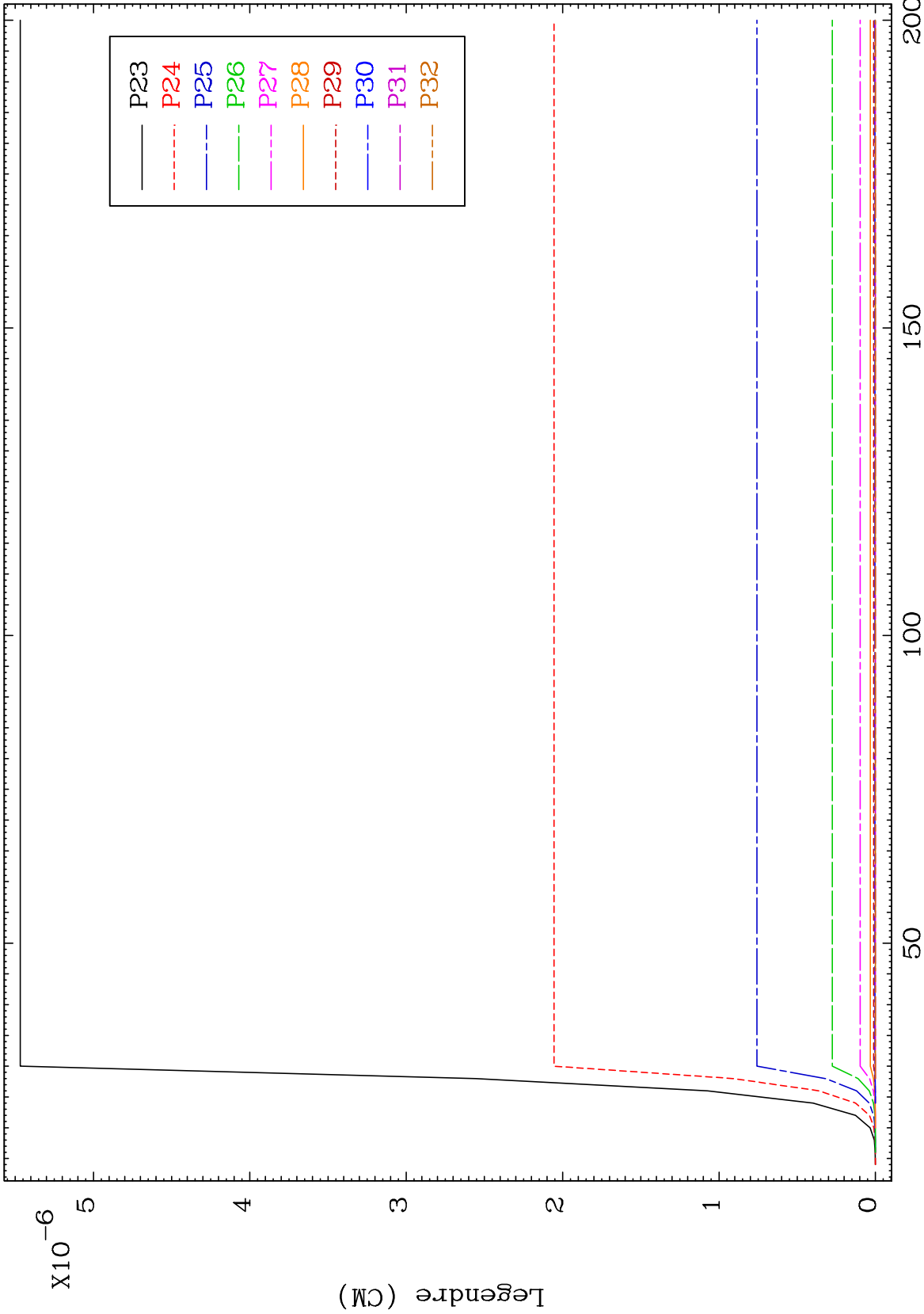
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



67

Incident Energy (MeV)

28-Ni-64

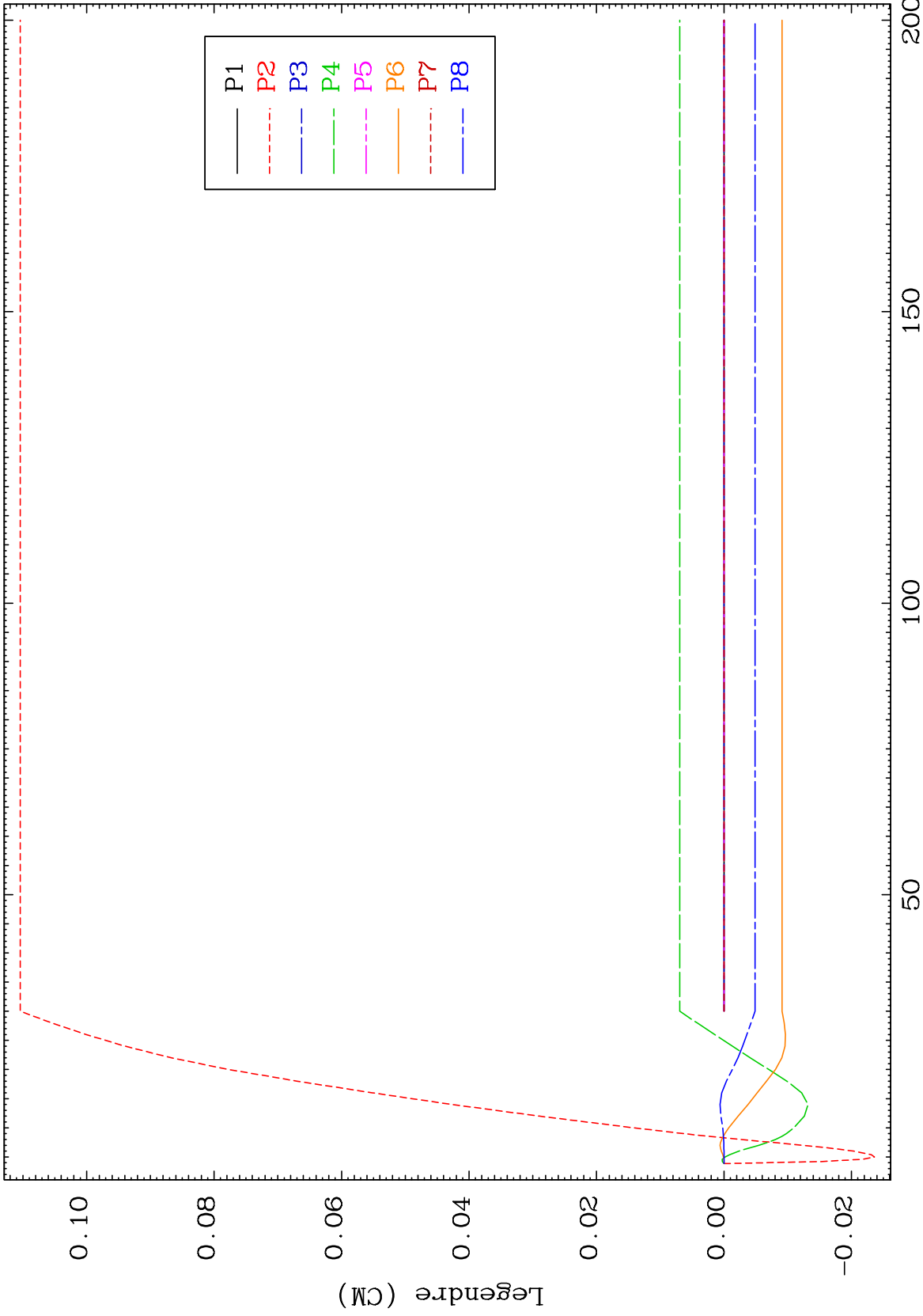
MAT 2843

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

28-Ni-64

Incident Energy (MeV)

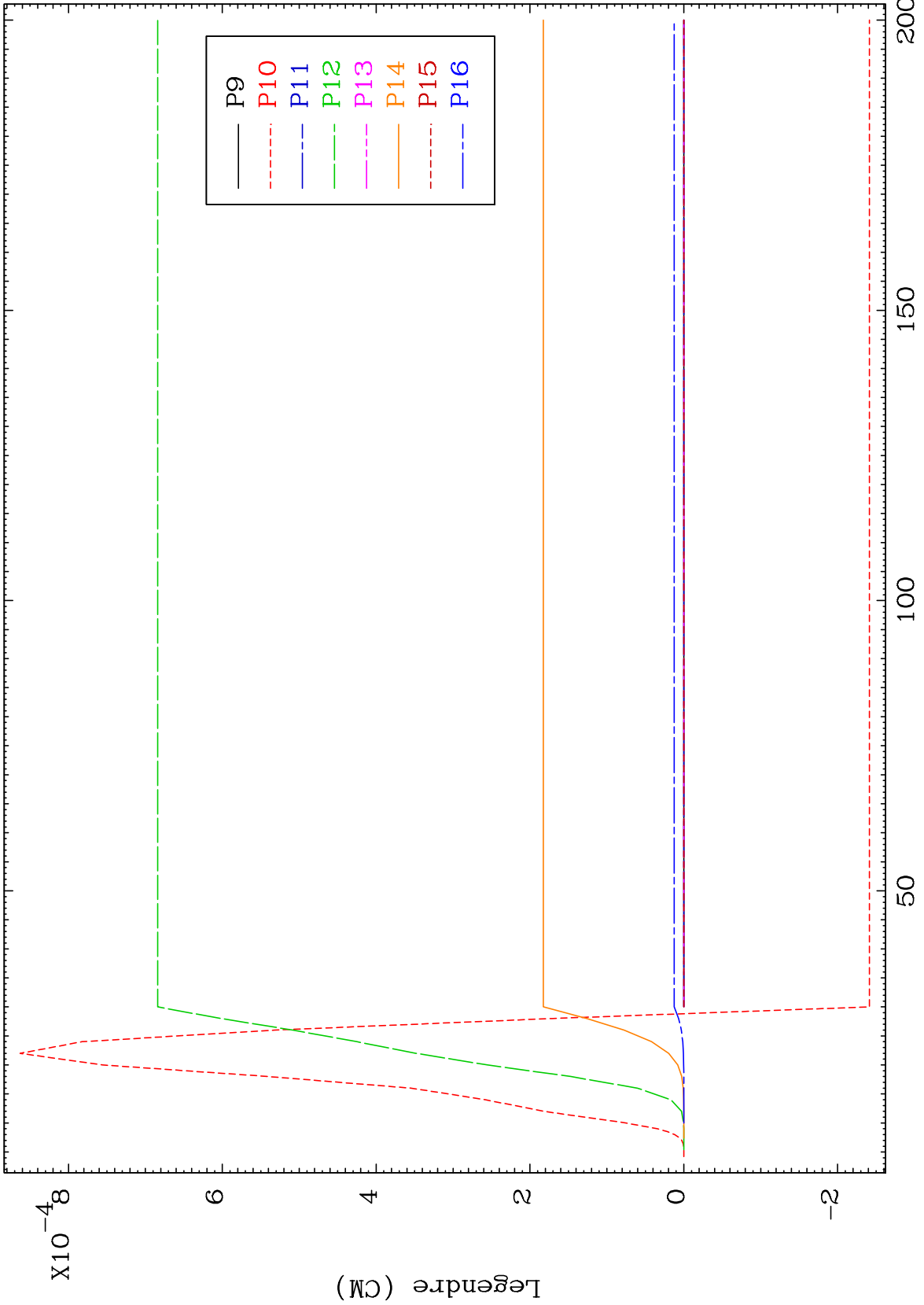
68



MAT 2843

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

28-Ni-64

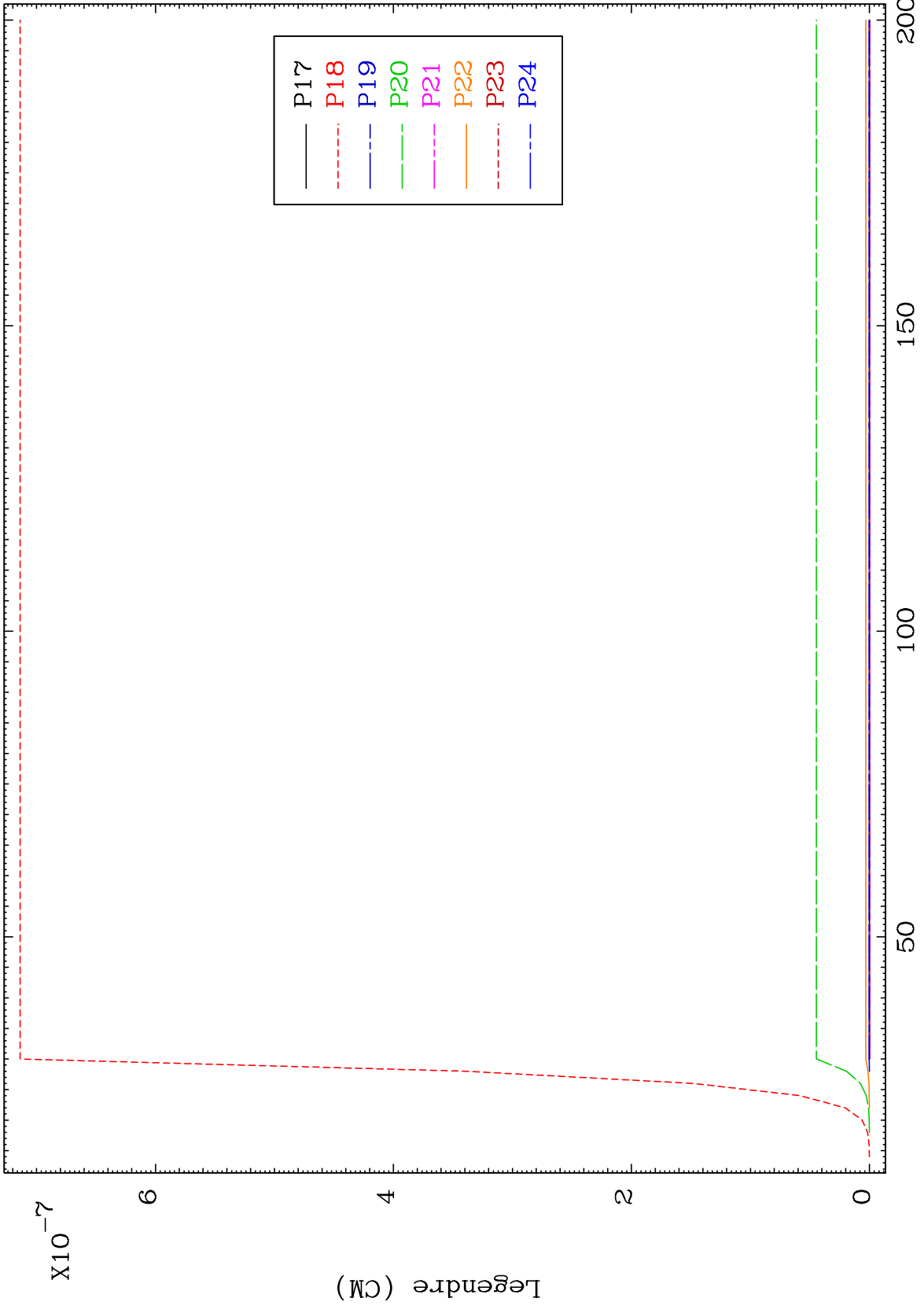


69

Incident Energy (MeV)

28-Ni-64

MAT 2843 MT= 67 (n,n') Level Legendre Coefficients 28-Ni-64

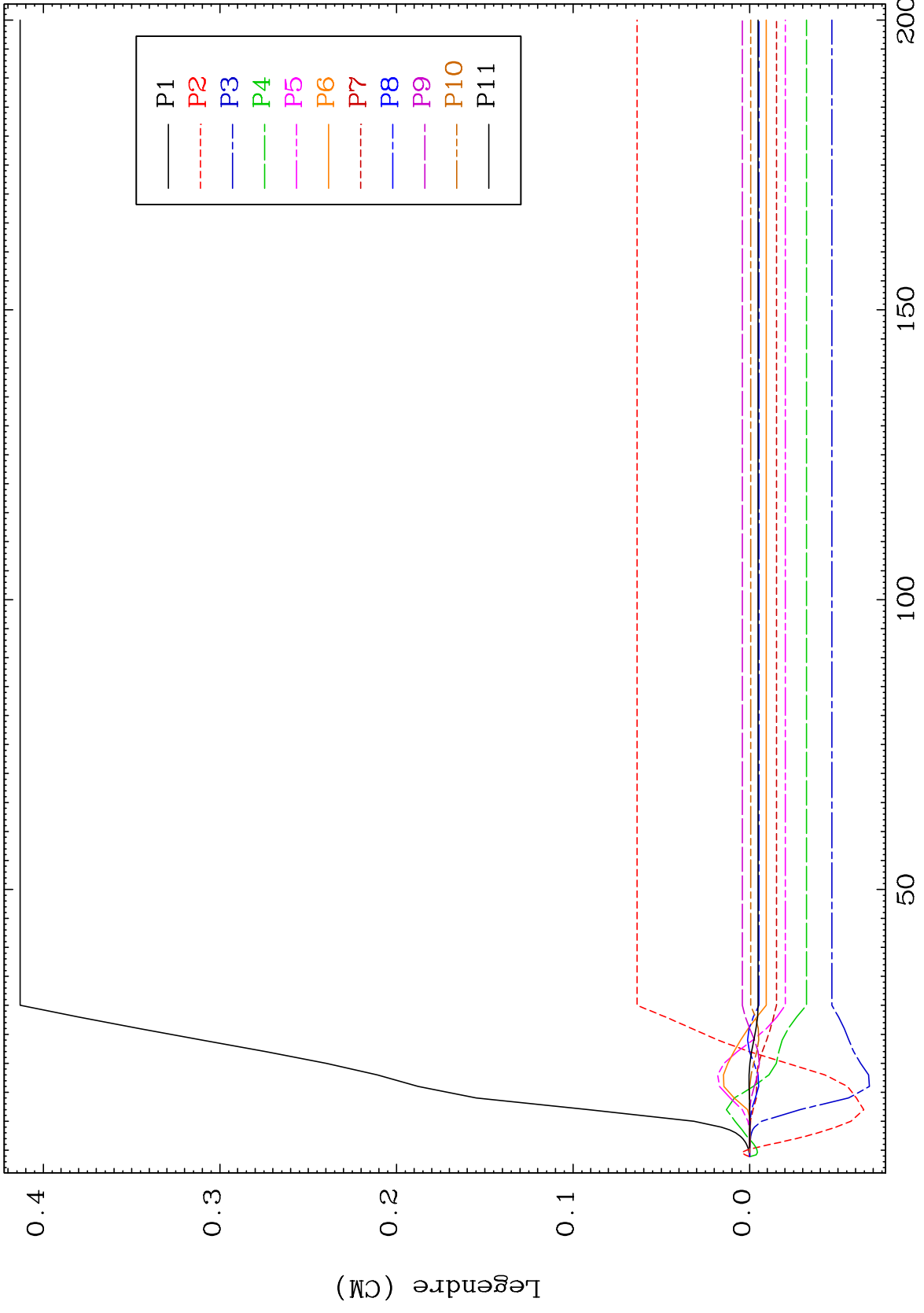


70 50 100 150 200 28-Ni-64

MAT 2843

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

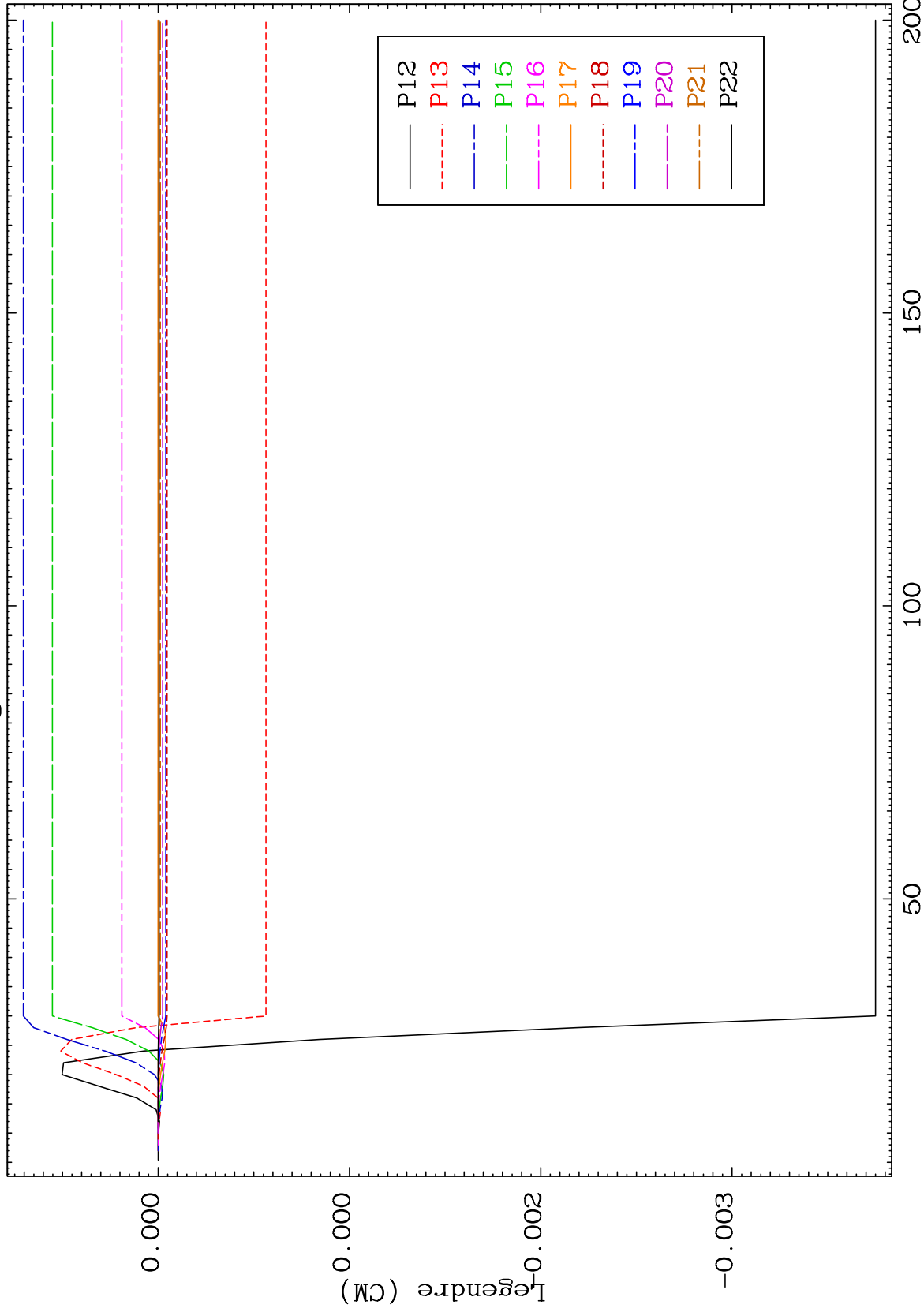
28-Ni-64



MAT 2843

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

28-Ni-64



72

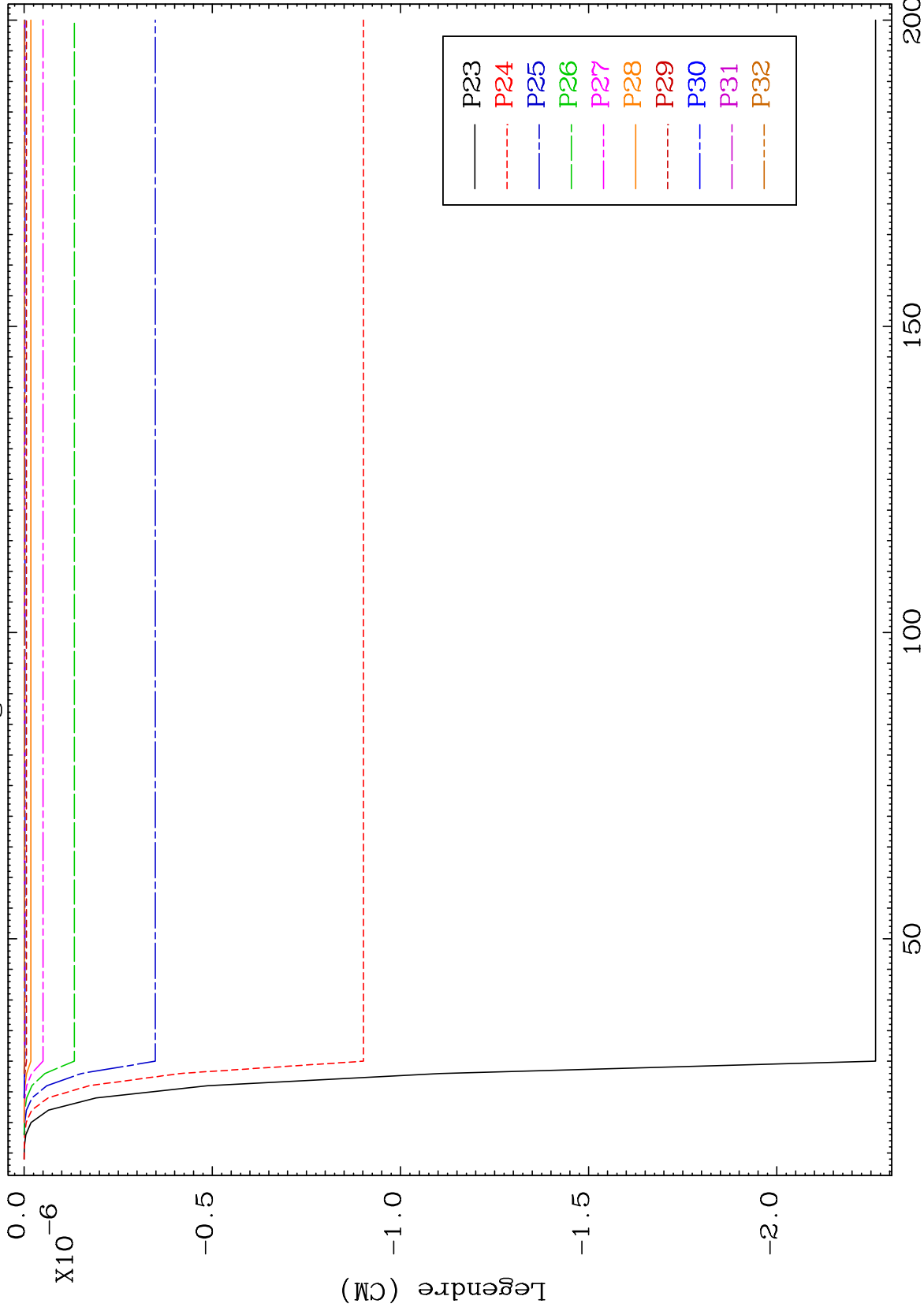
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



28-Ni-64

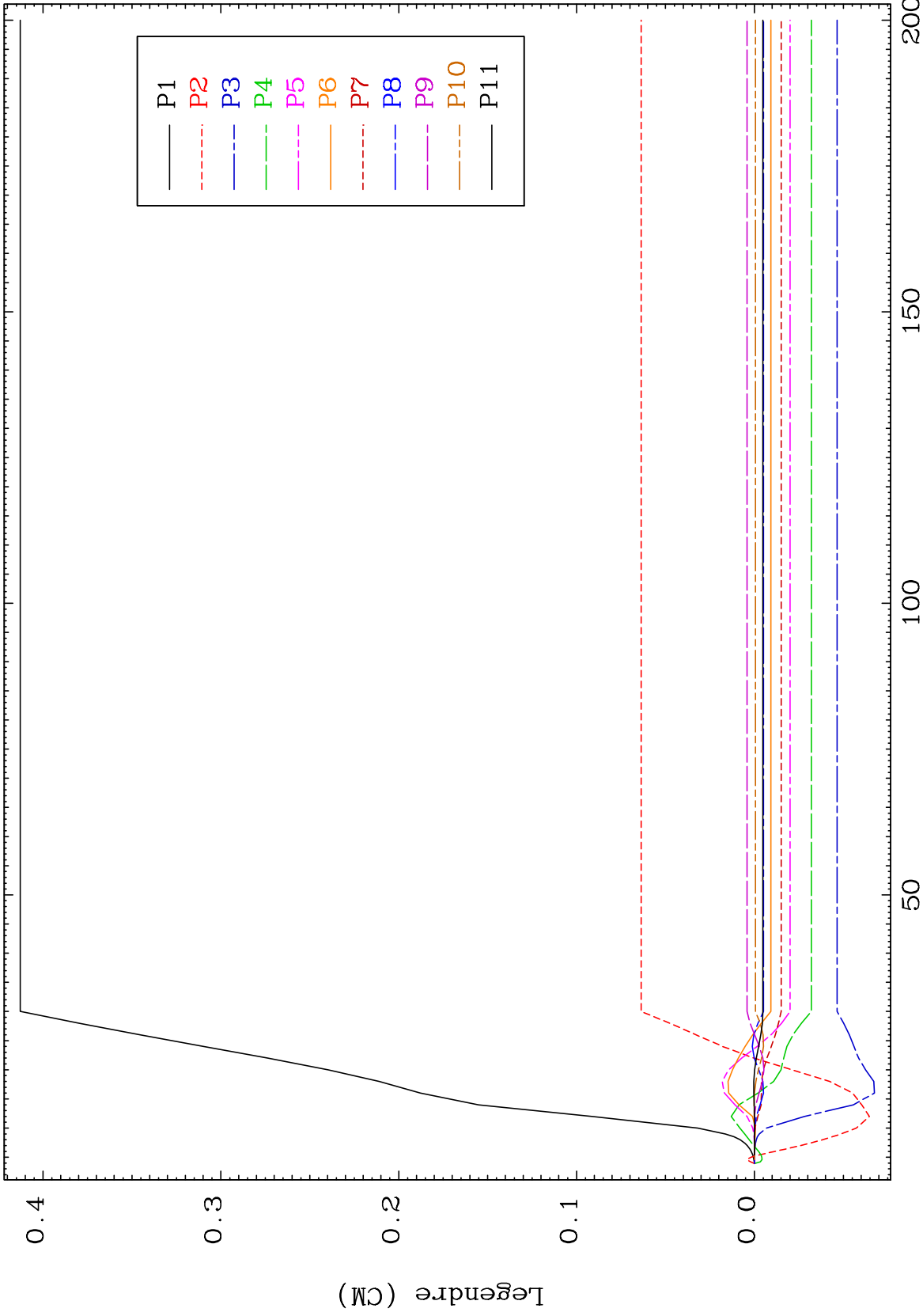
Incident Energy (MeV)

73

MAT 2843

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

28-Ni-64



74

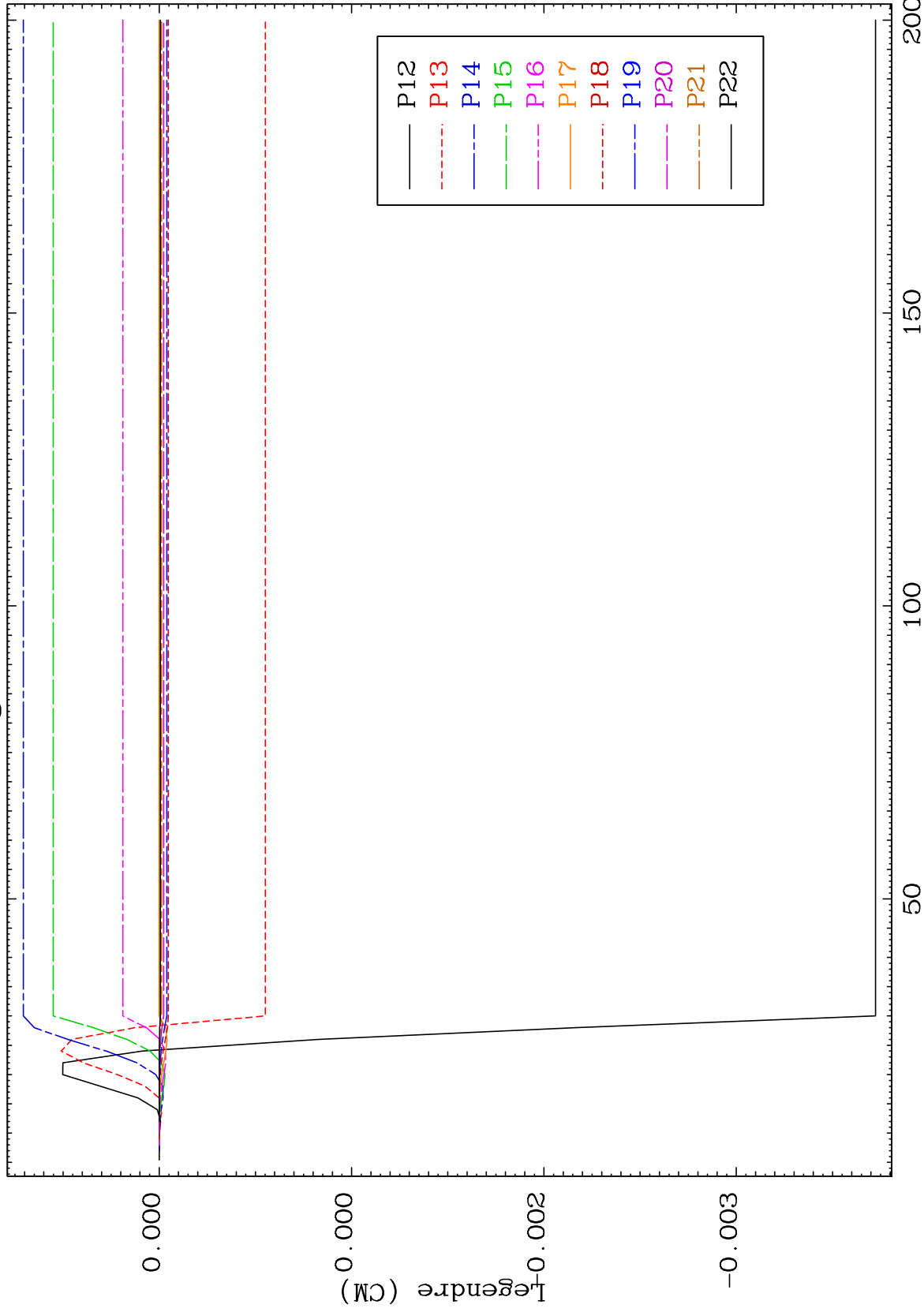
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



75

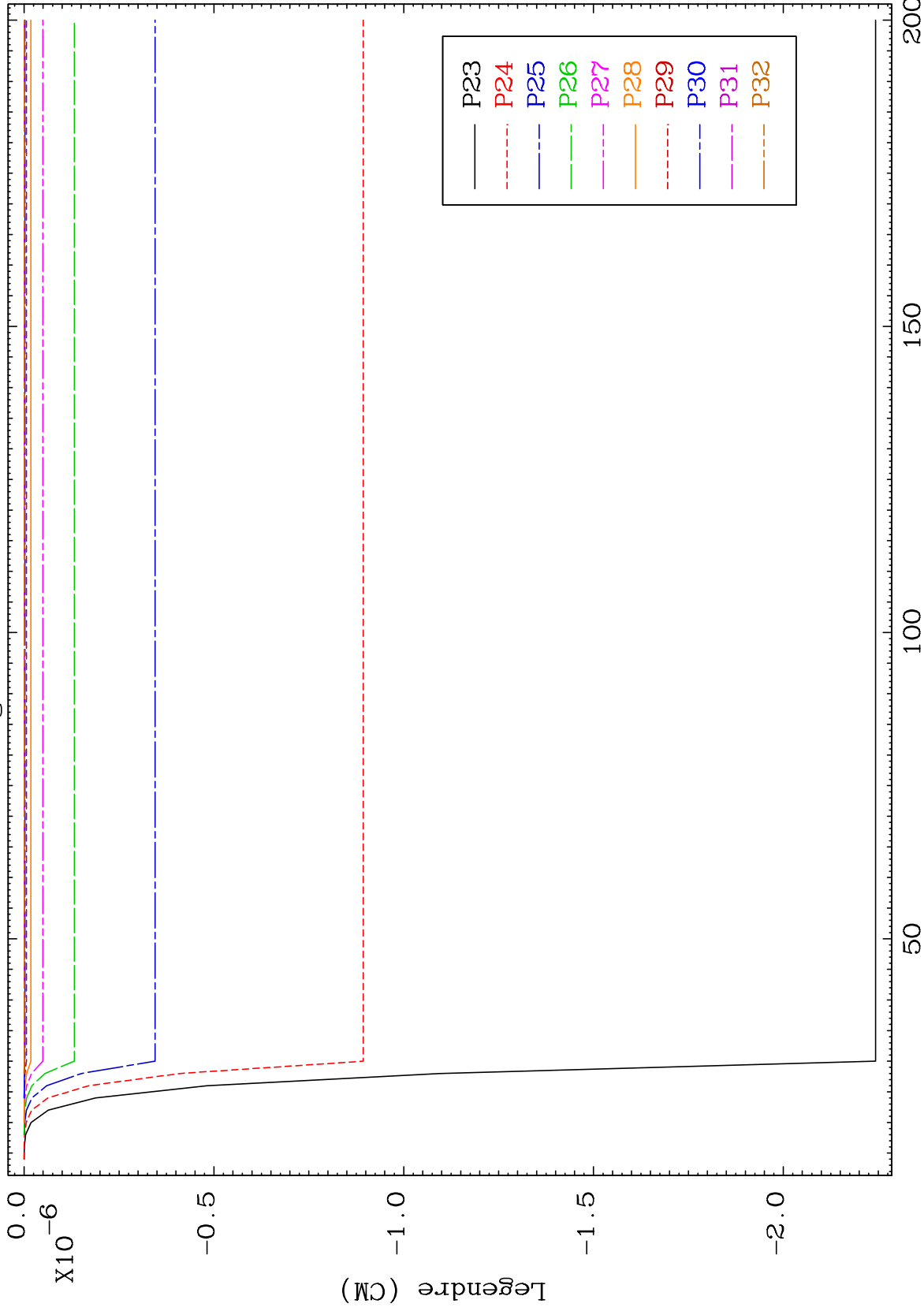
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



76

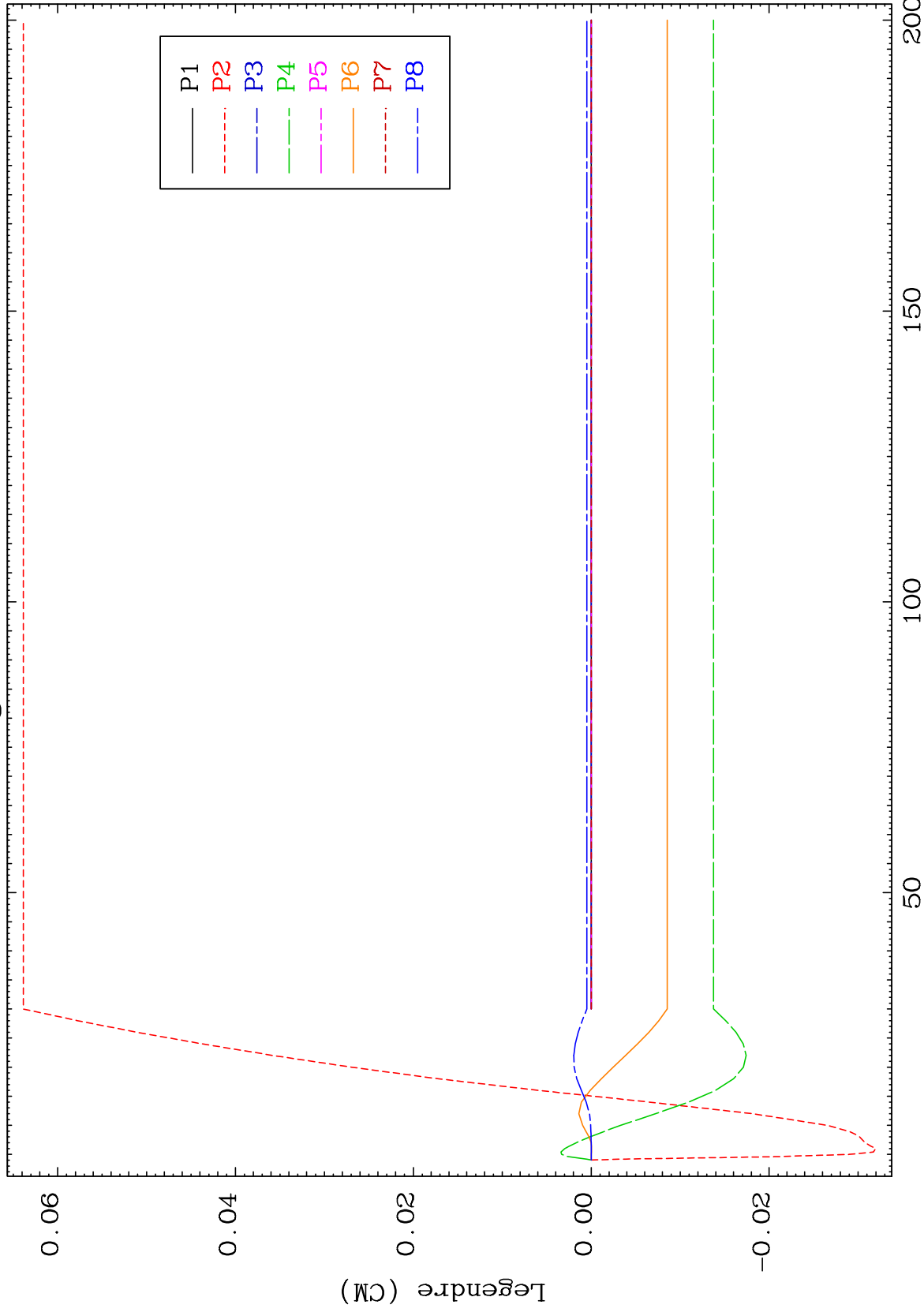
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64

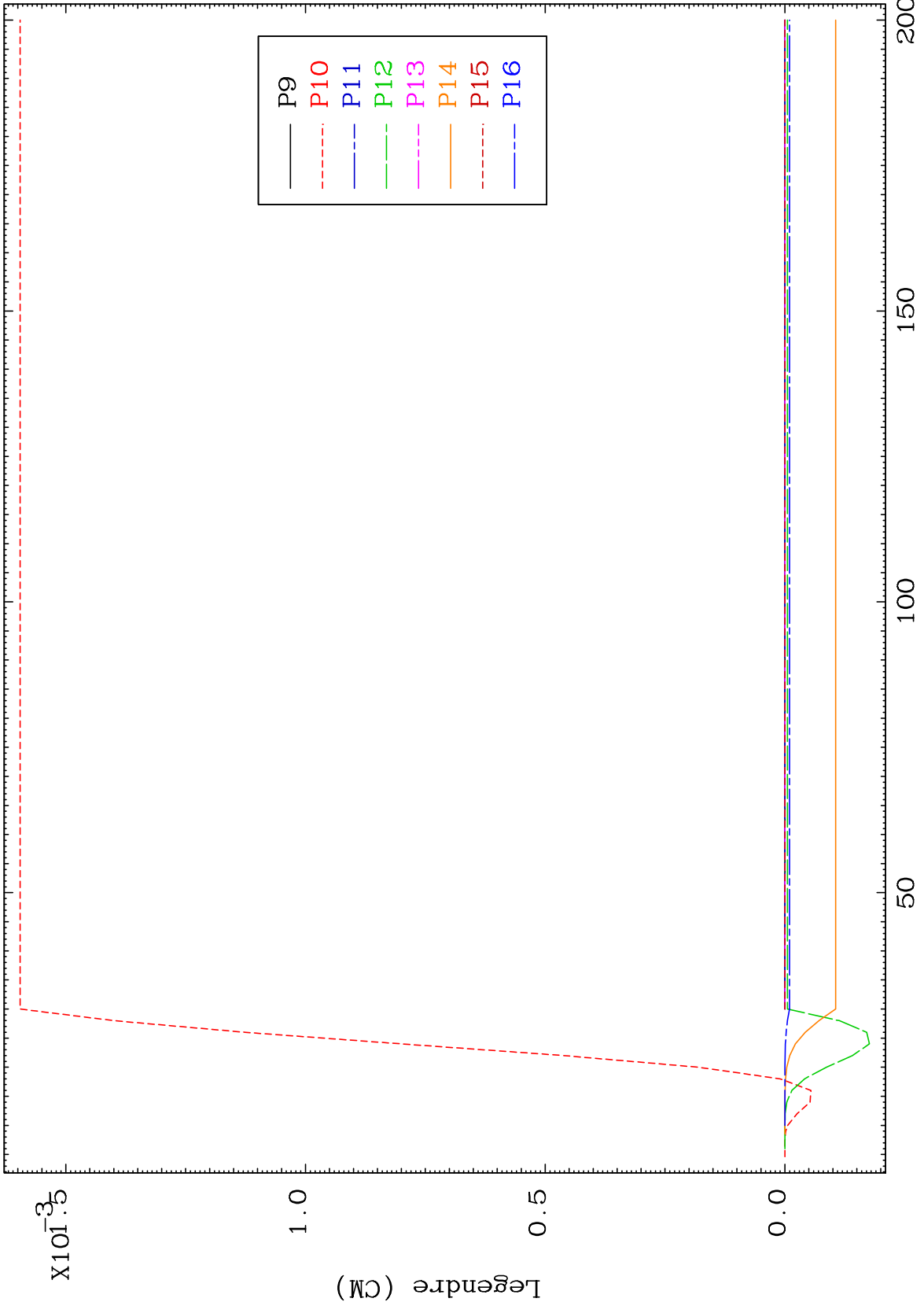


77

Incident Energy (MeV)

28-Ni-64

MAT 2843 MT= 70 (n,n') Level Legendre Coefficients 28-Ni-64

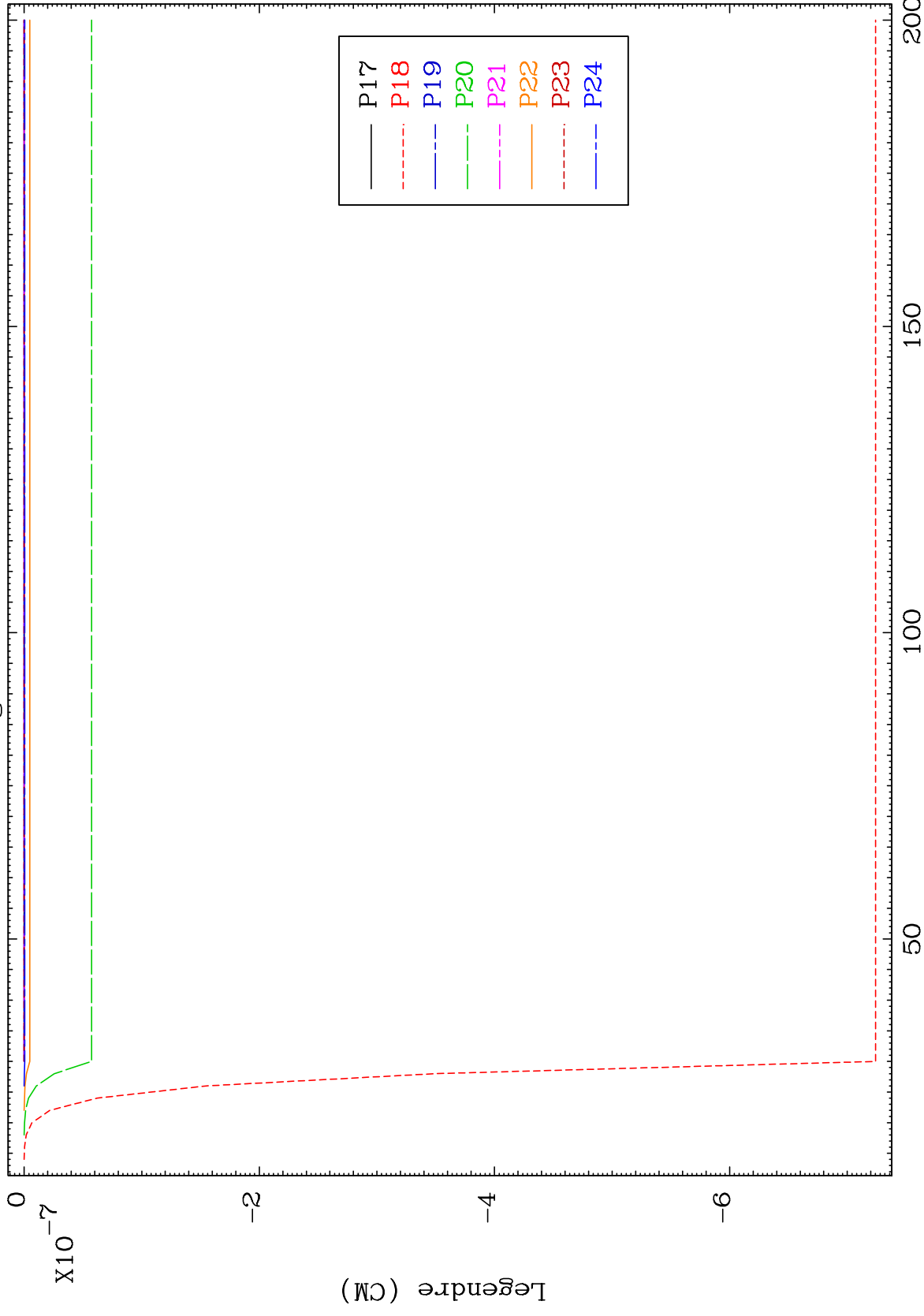


78 Incident Energy (MeV) 28-Ni-64

MAT 2843

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

28-Ni-64



28-Ni-64

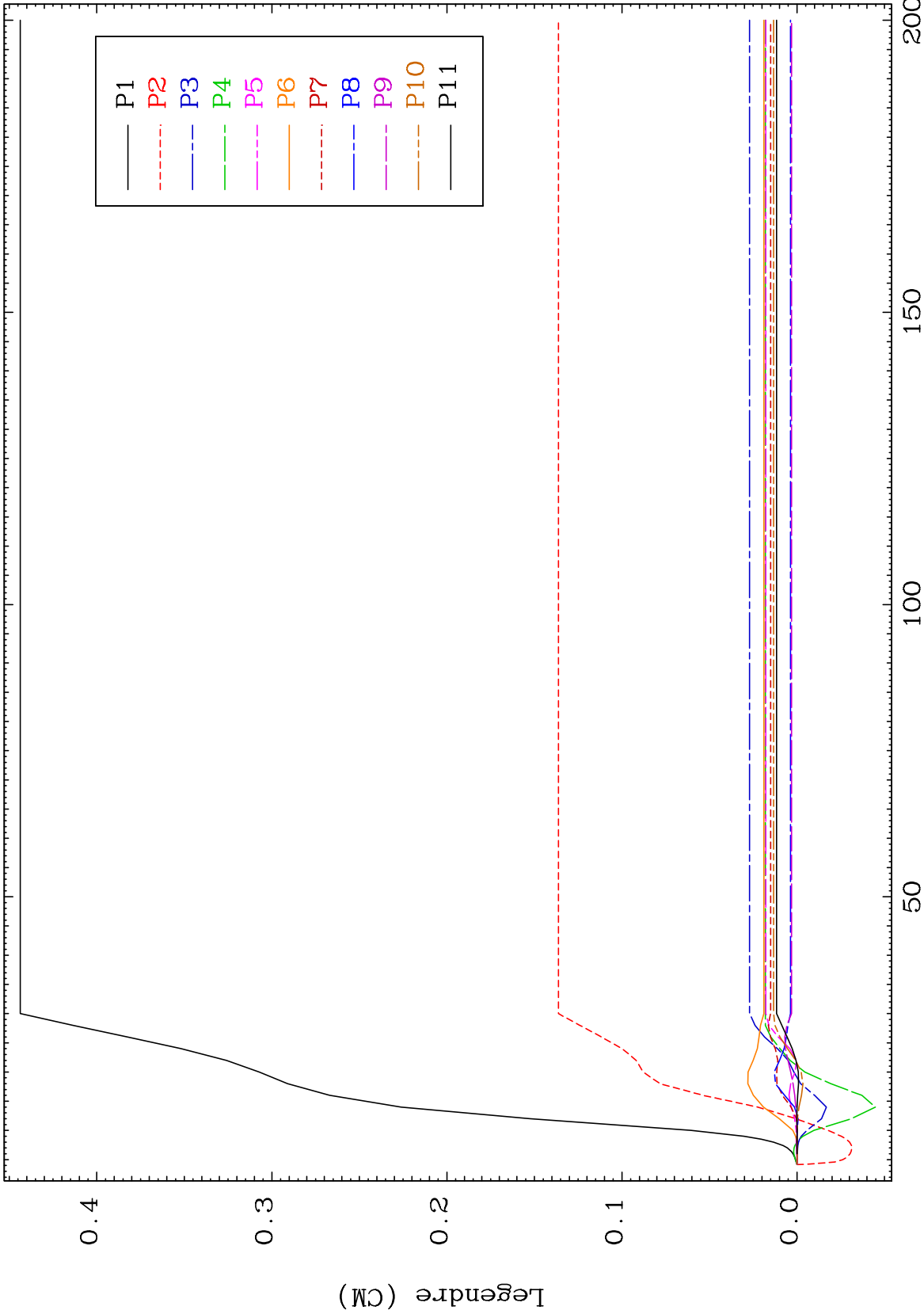
Incident Energy (MeV)

79

MAT 2843

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

28-Ni-64



80

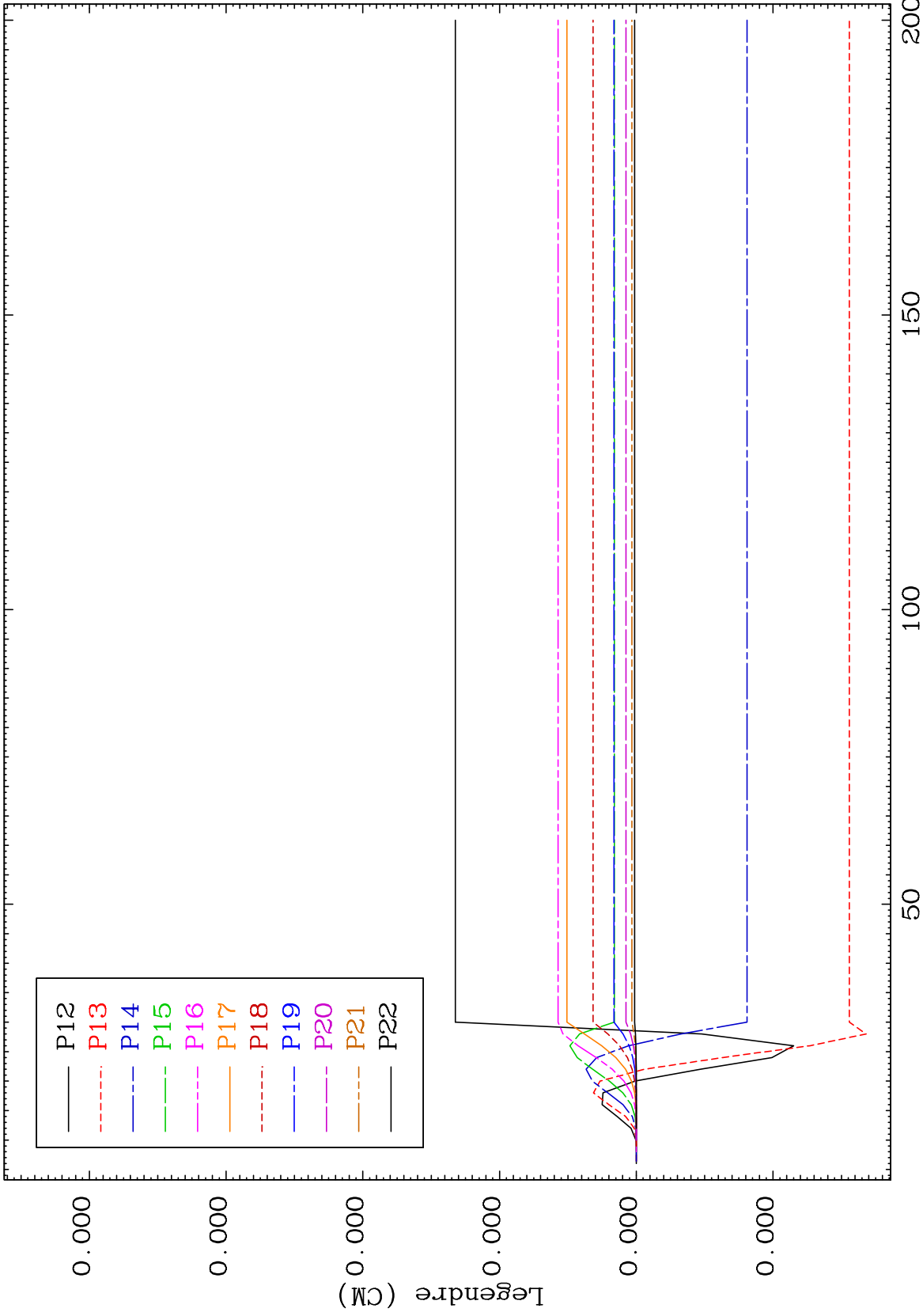
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



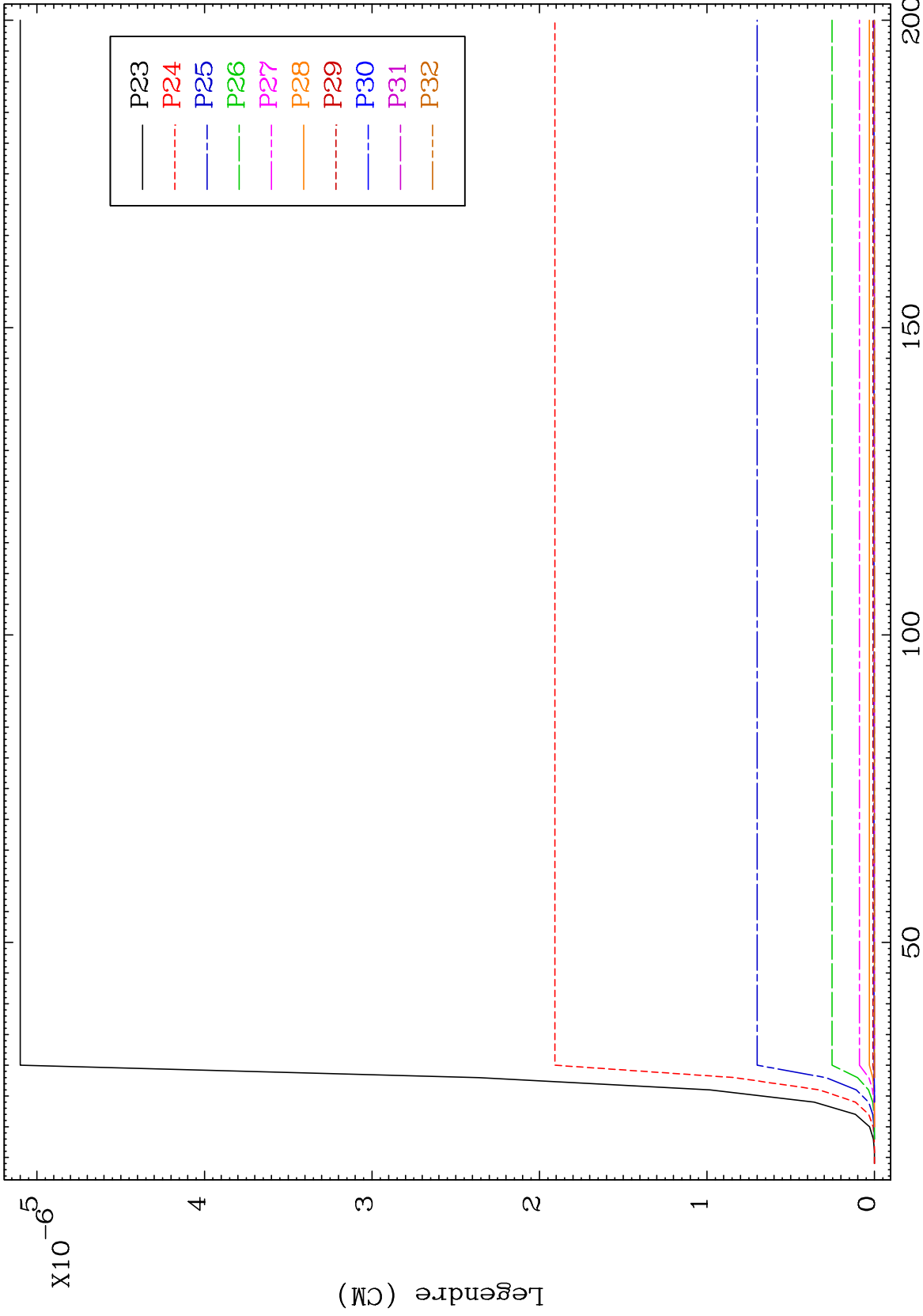
81

28-Ni-64

MAT 2843

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

28-Ni-64



82

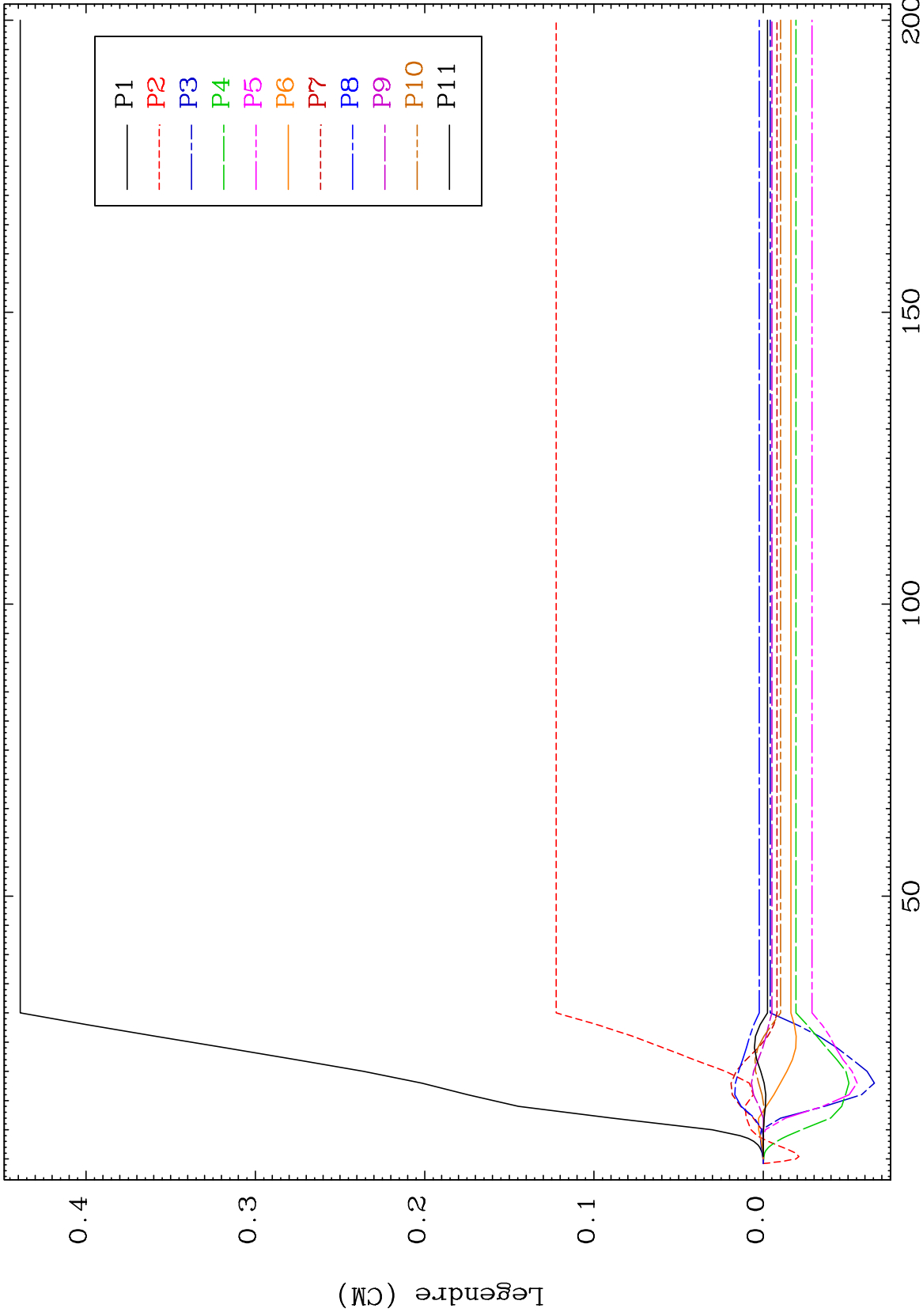
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



83

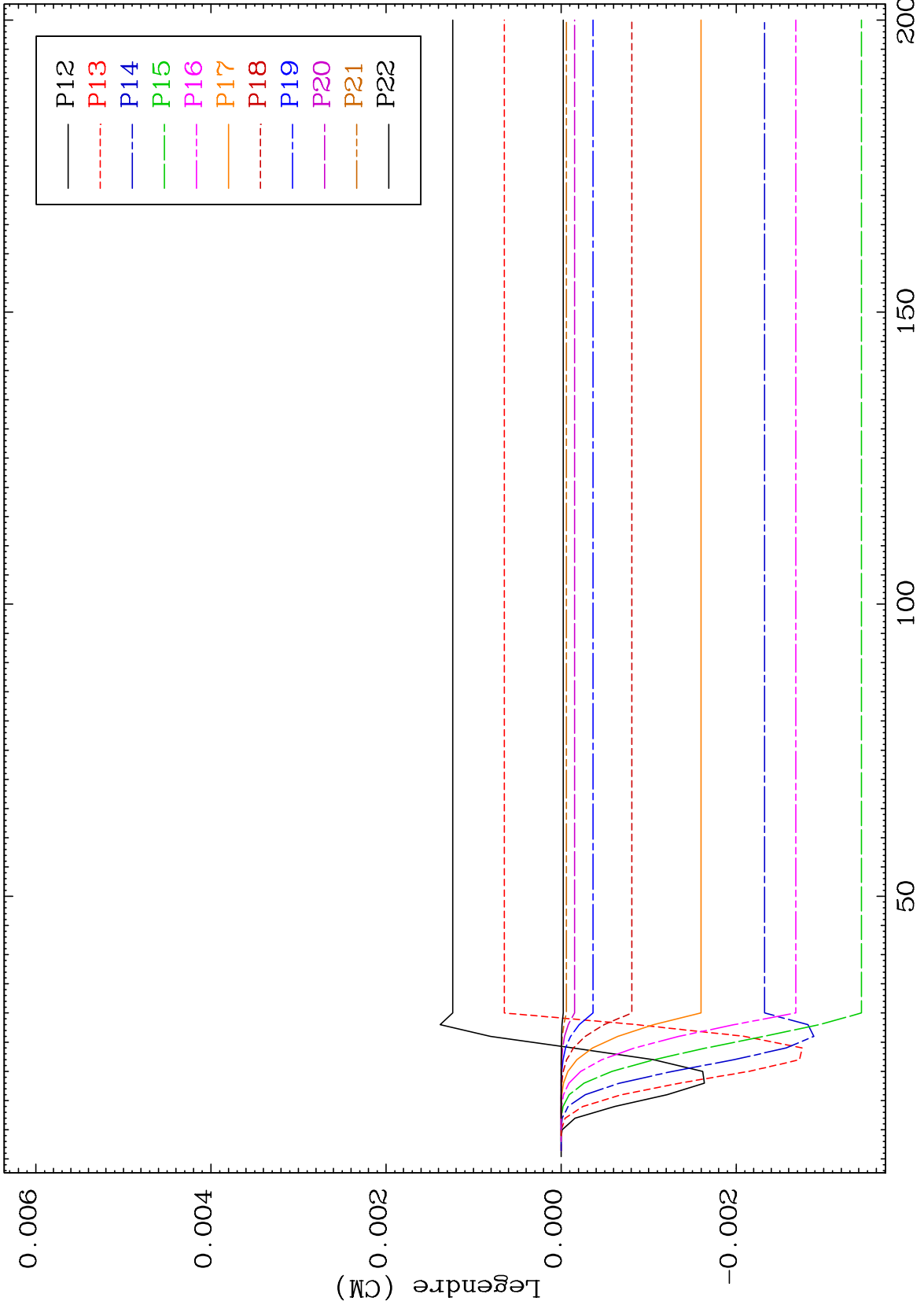
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



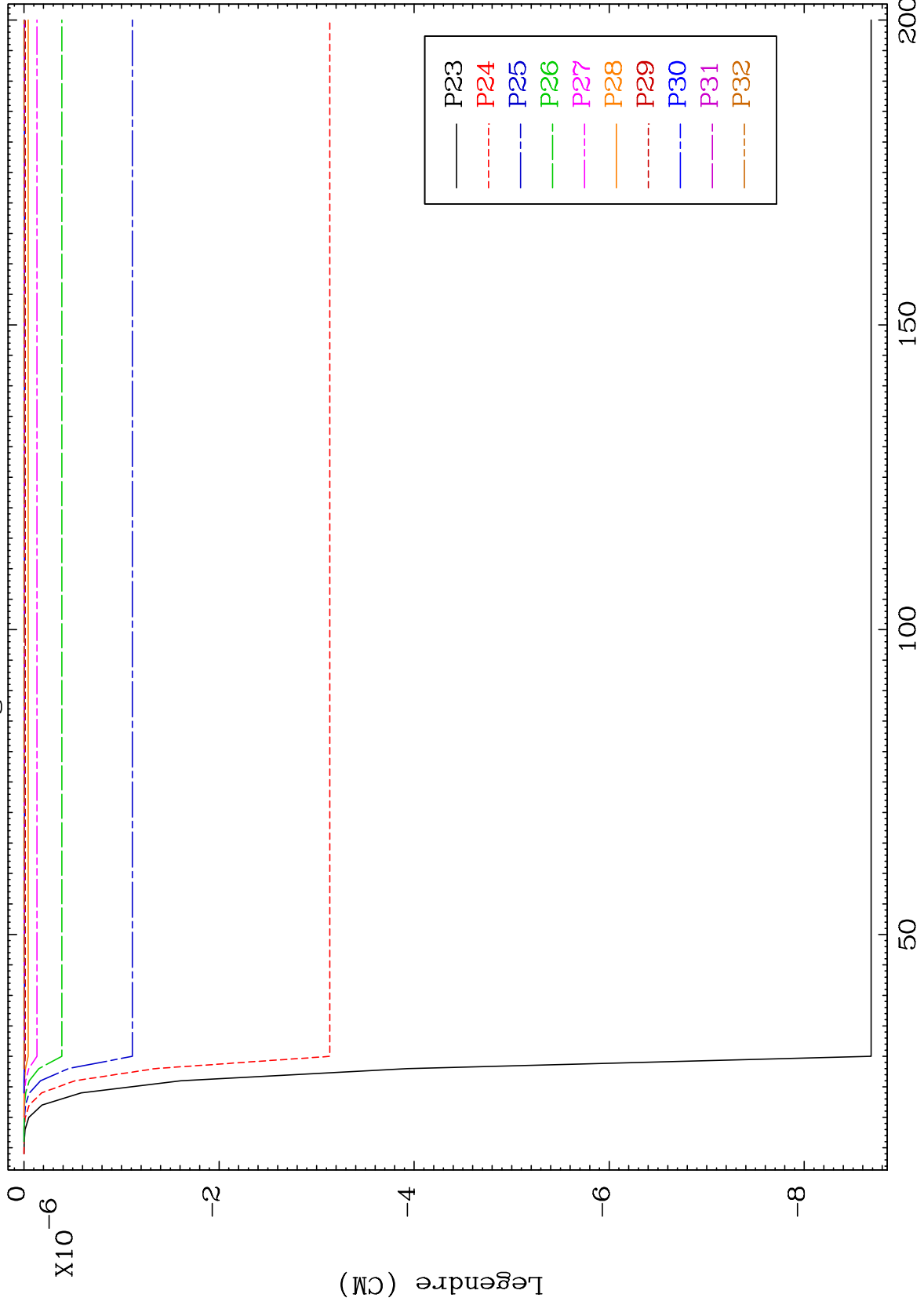
84

28-Ni-64

MAT 2843

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

28-Ni-64



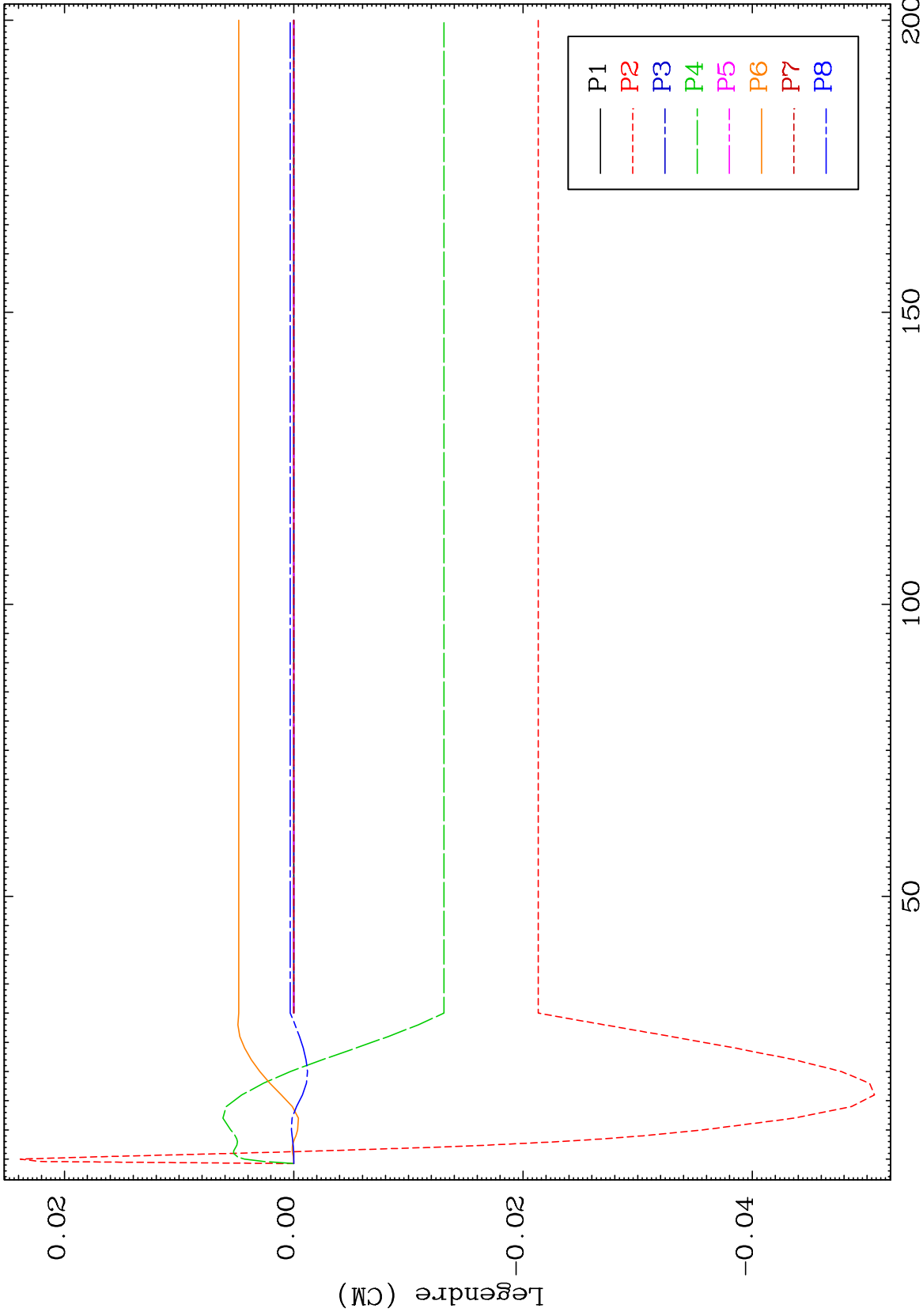
85

28-Ni-64

MAT 2843

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

28-Ni-64



86

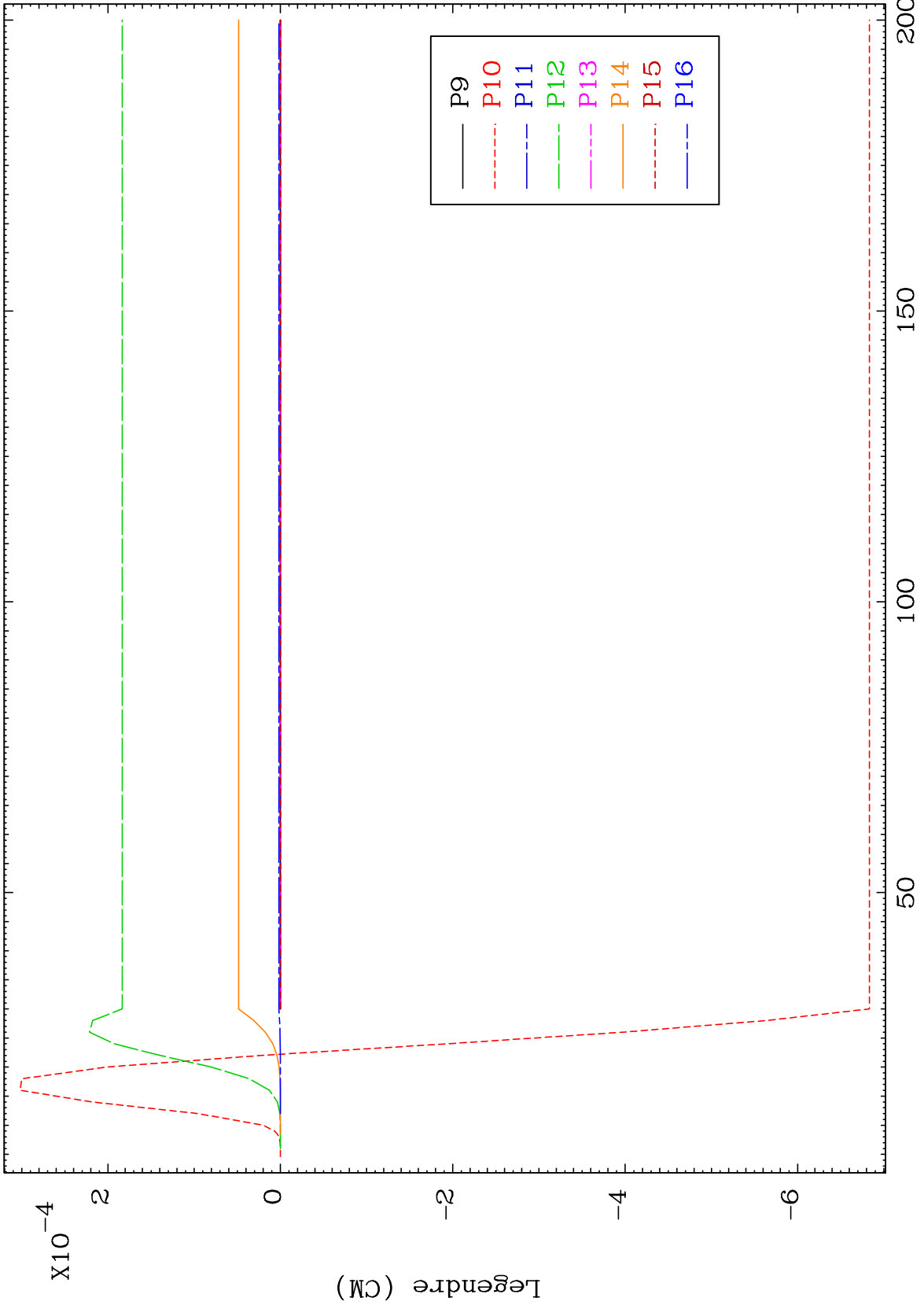
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



87

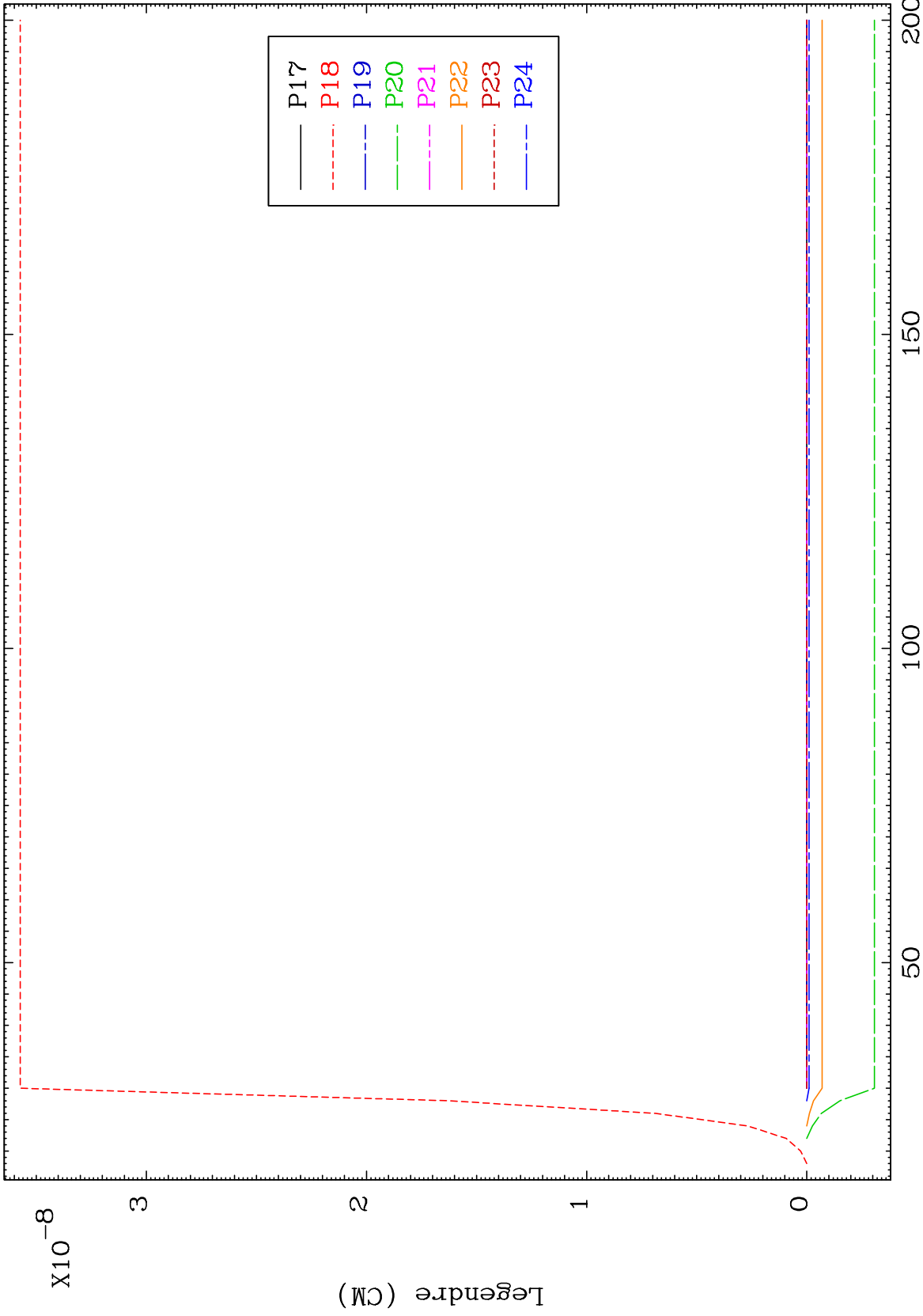
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64

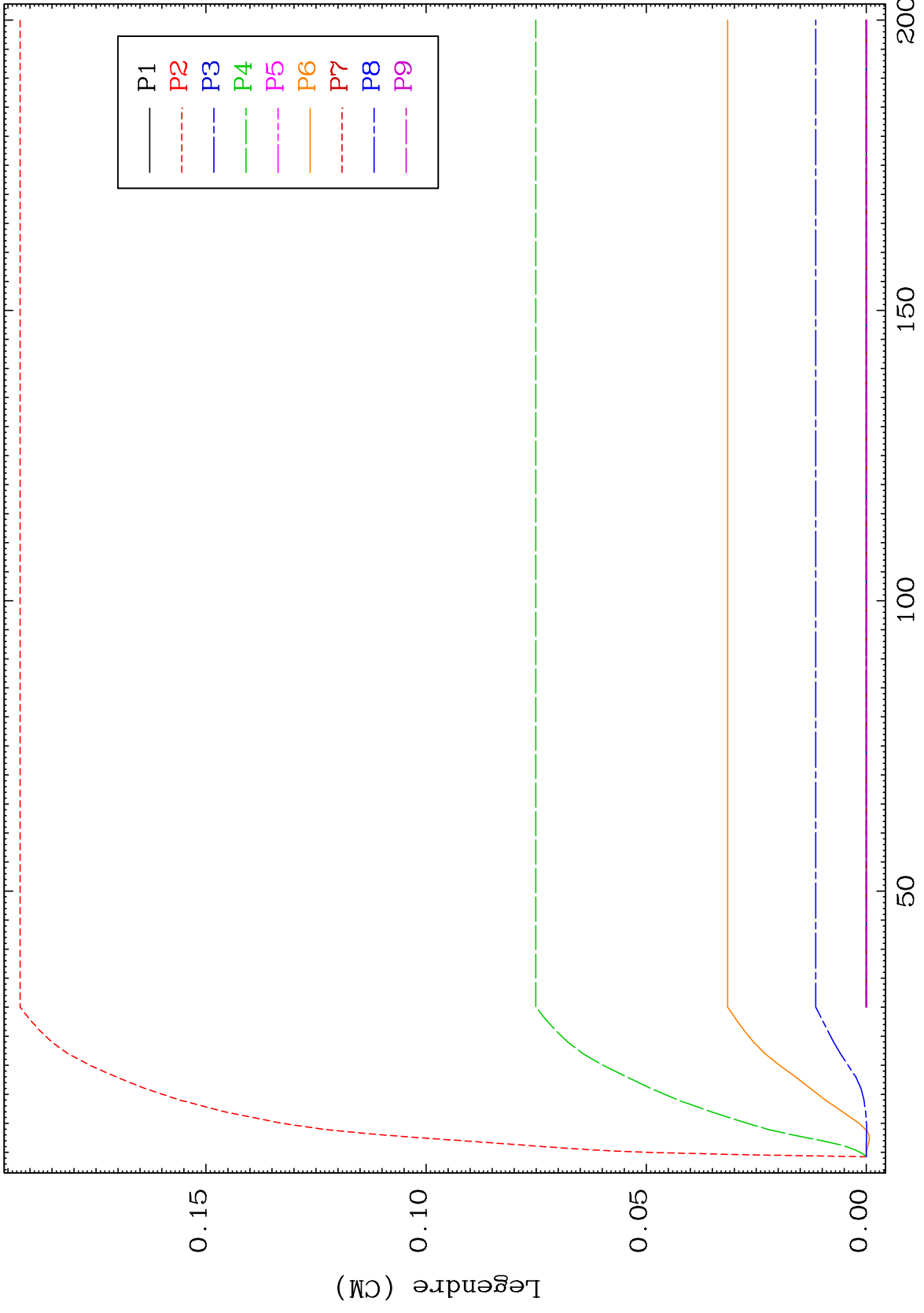


88

Incident Energy (MeV)

28-Ni-64

MAT 2843 MT= 74 (n,n') Level Legendre Coefficients 28-Ni-64

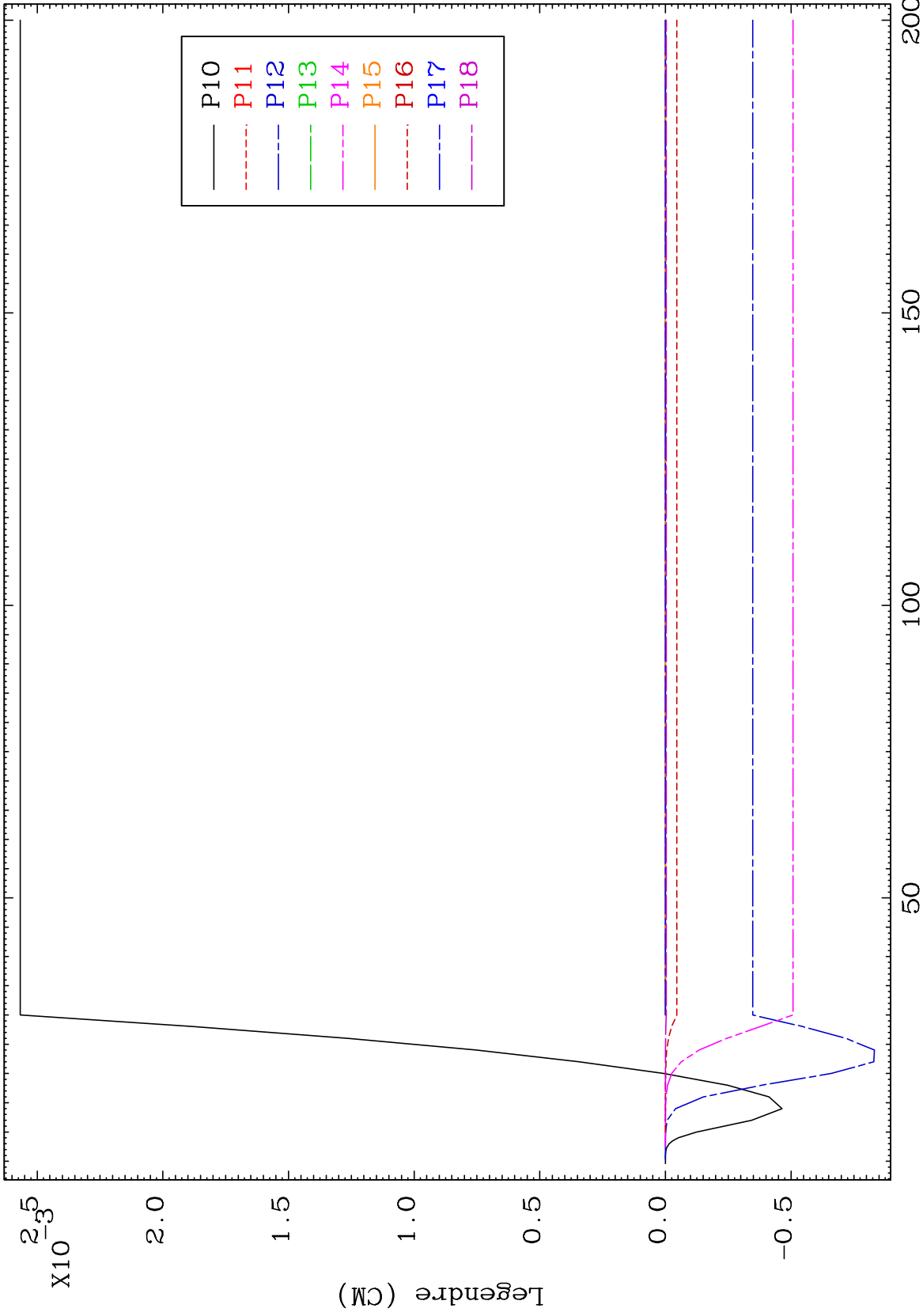


89 200 28-Ni-64

MAT 2843

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

28-Ni-64



90

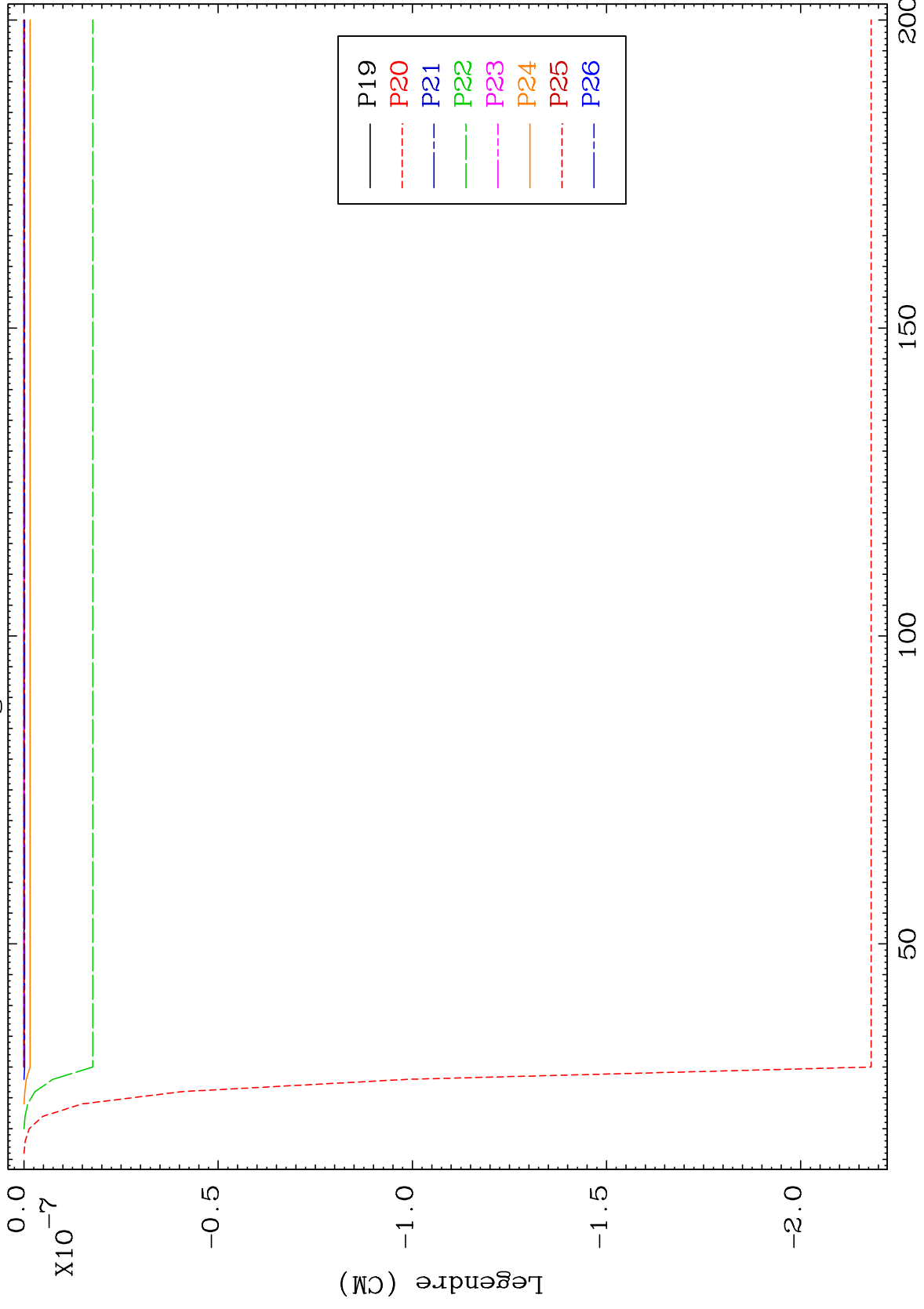
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



28-Ni-64

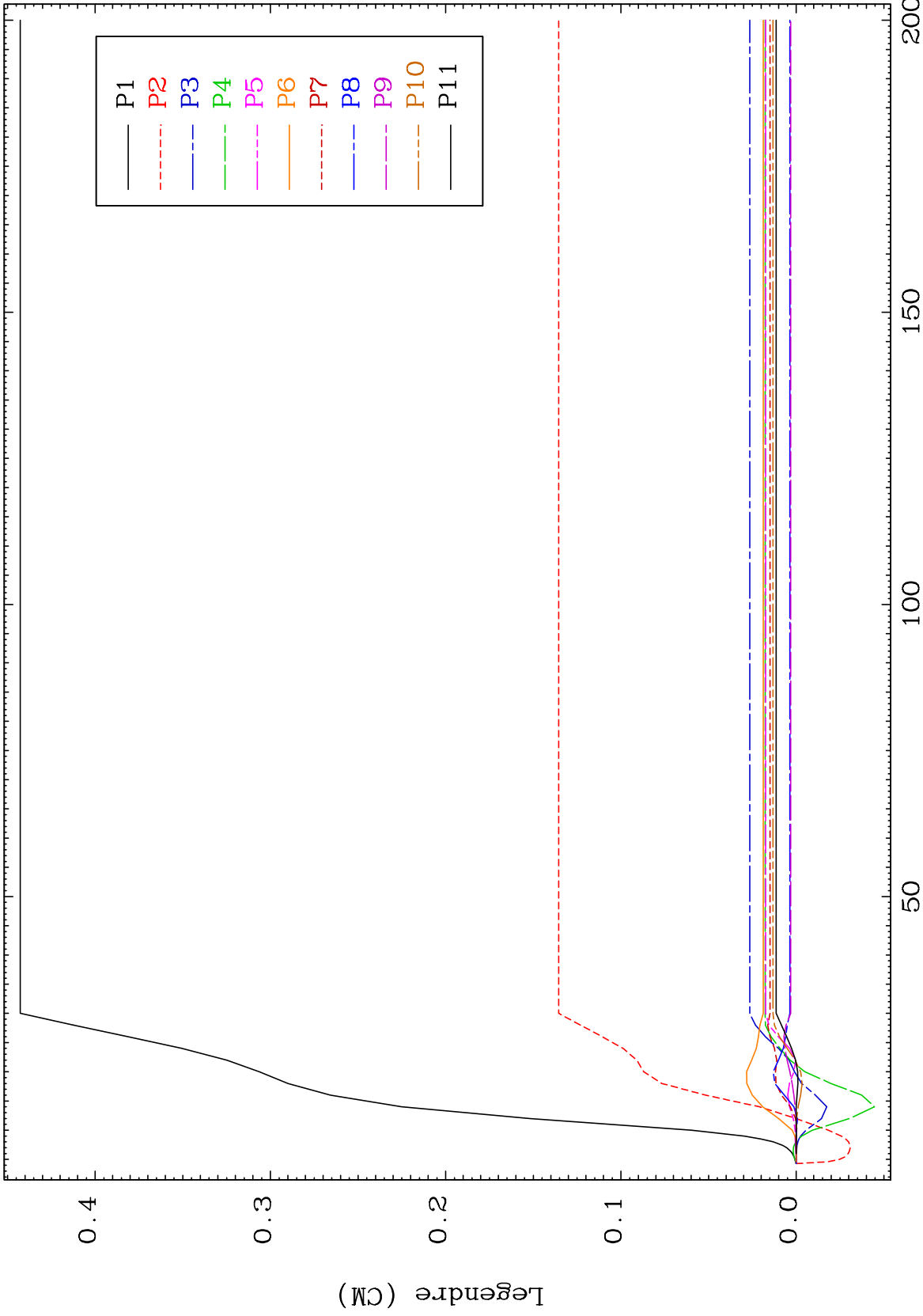
Incident Energy (MeV)

91

MAT 2843

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

28-Ni-64



92

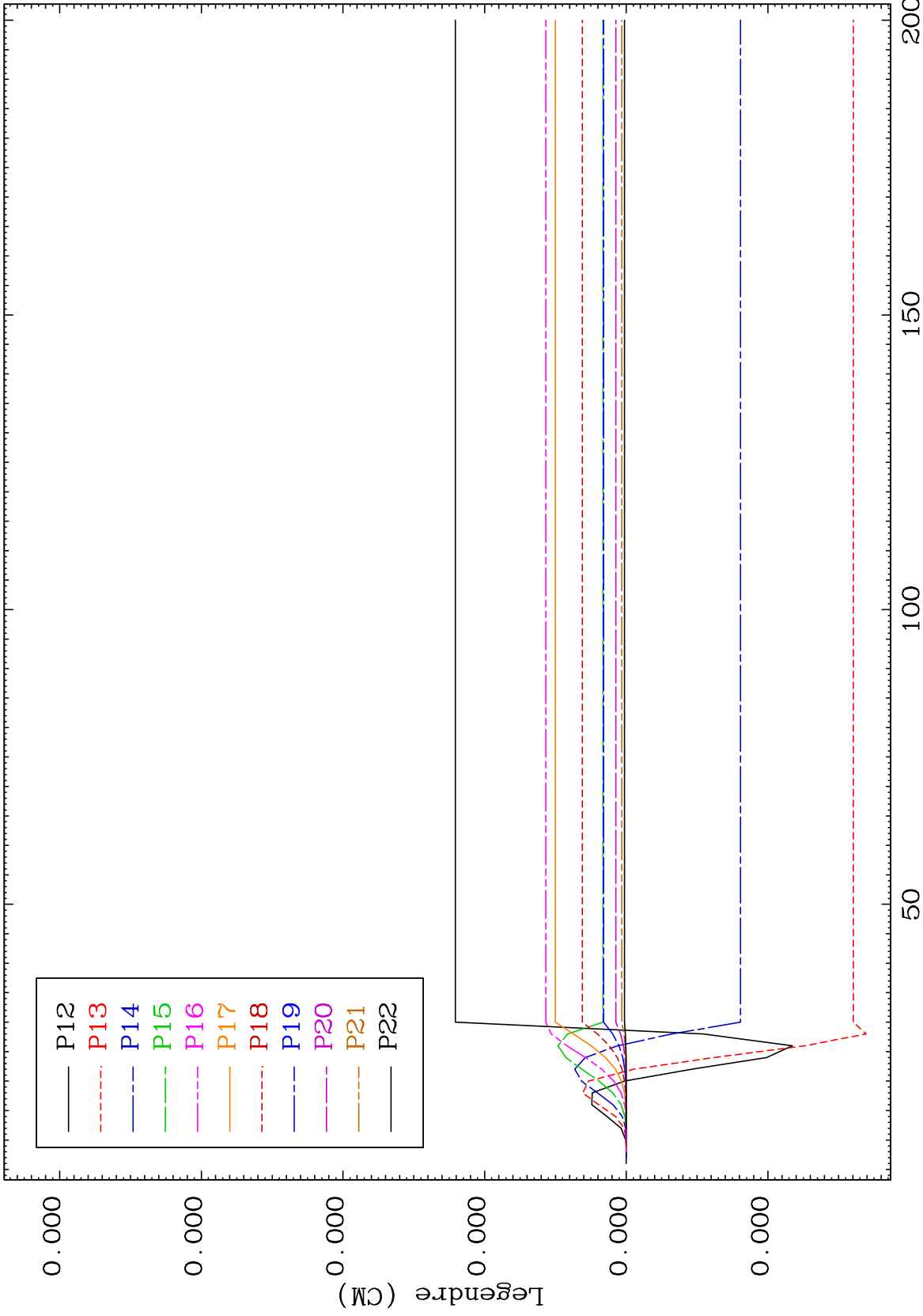
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



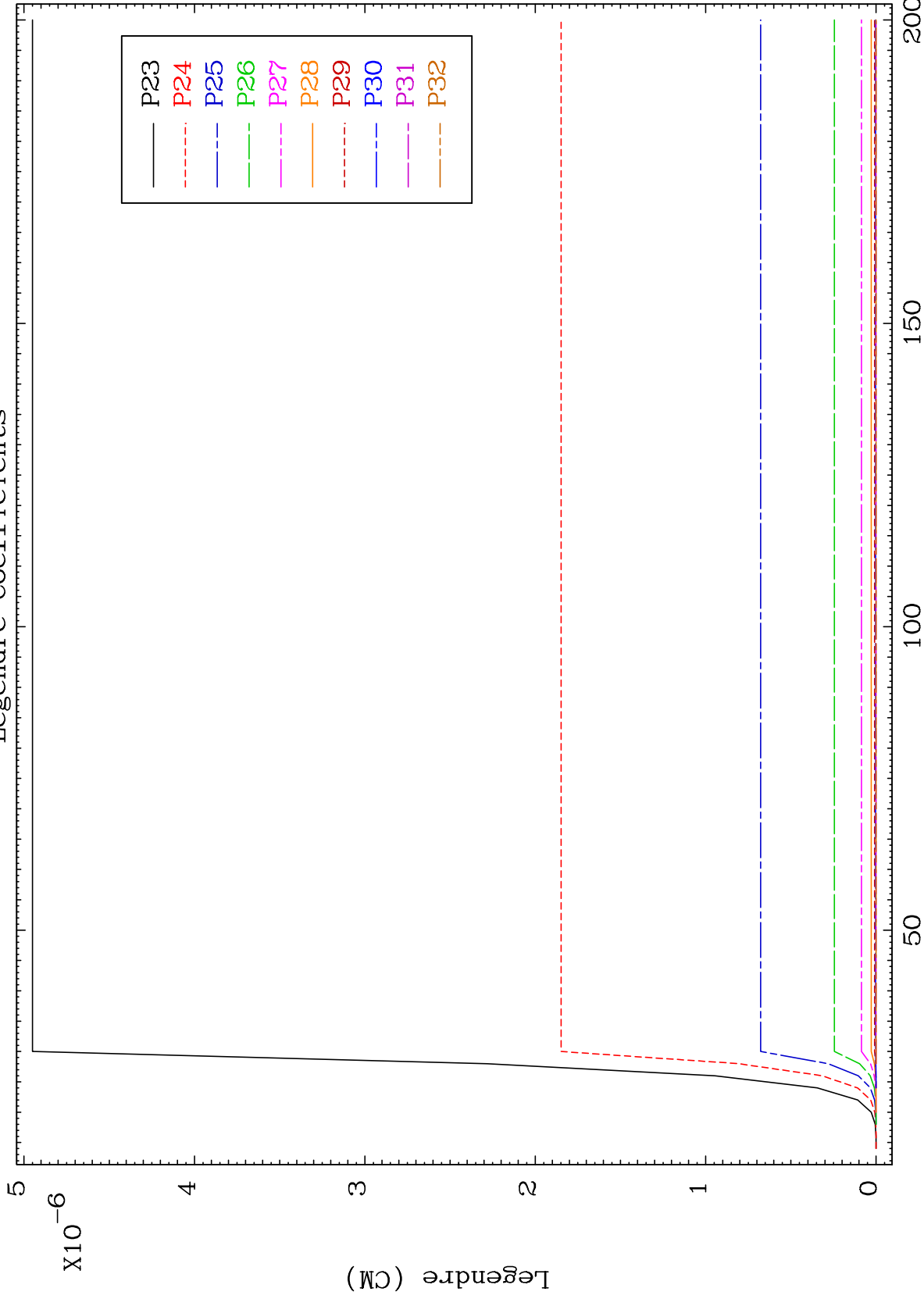
93

28-Ni-64

MAT 2843

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

28-Ni-64



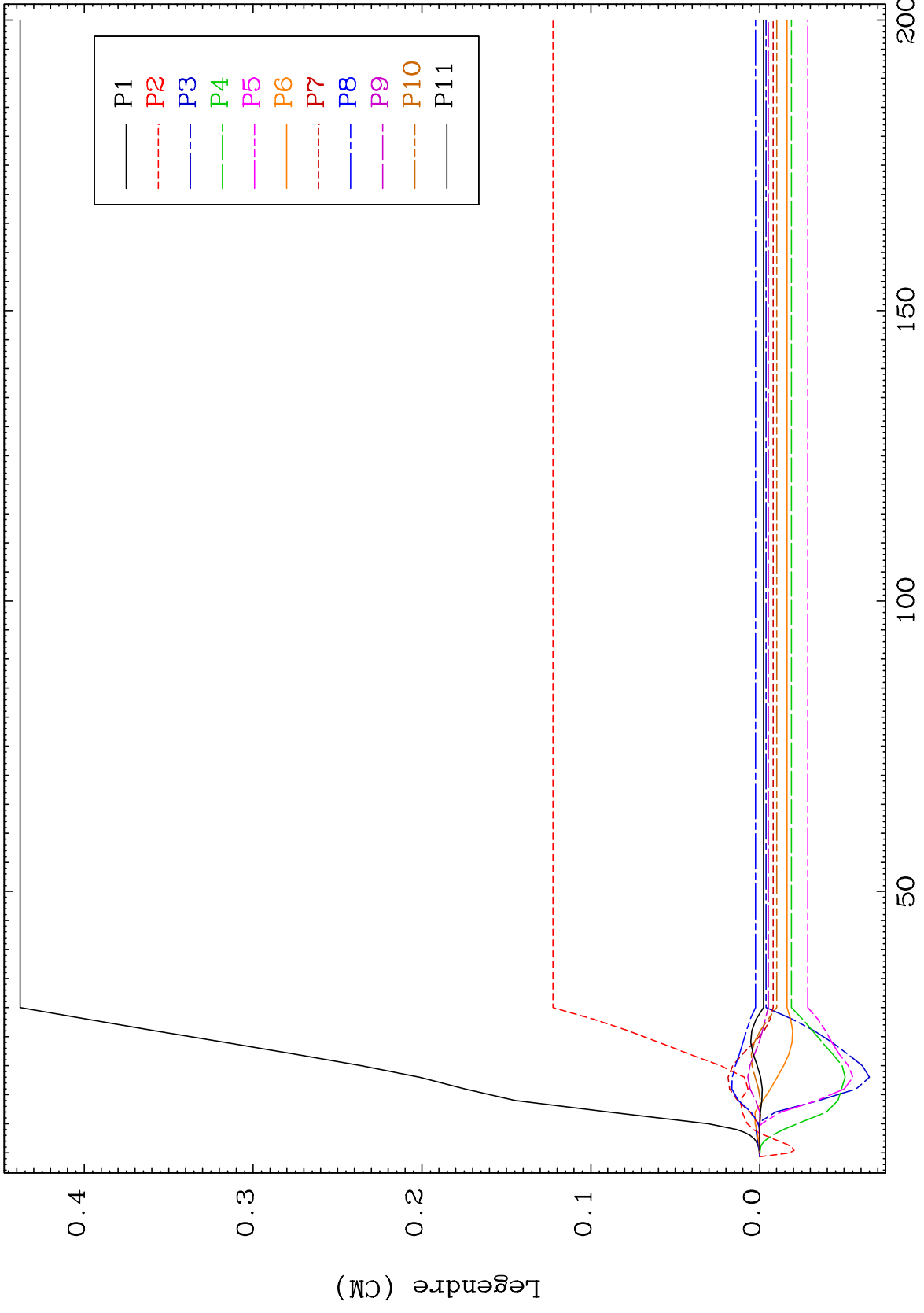
94

28-Ni-64

MAT 2843

MT= 76 (n,n') Level
Legendre Coefficients

28-Ni-64



95

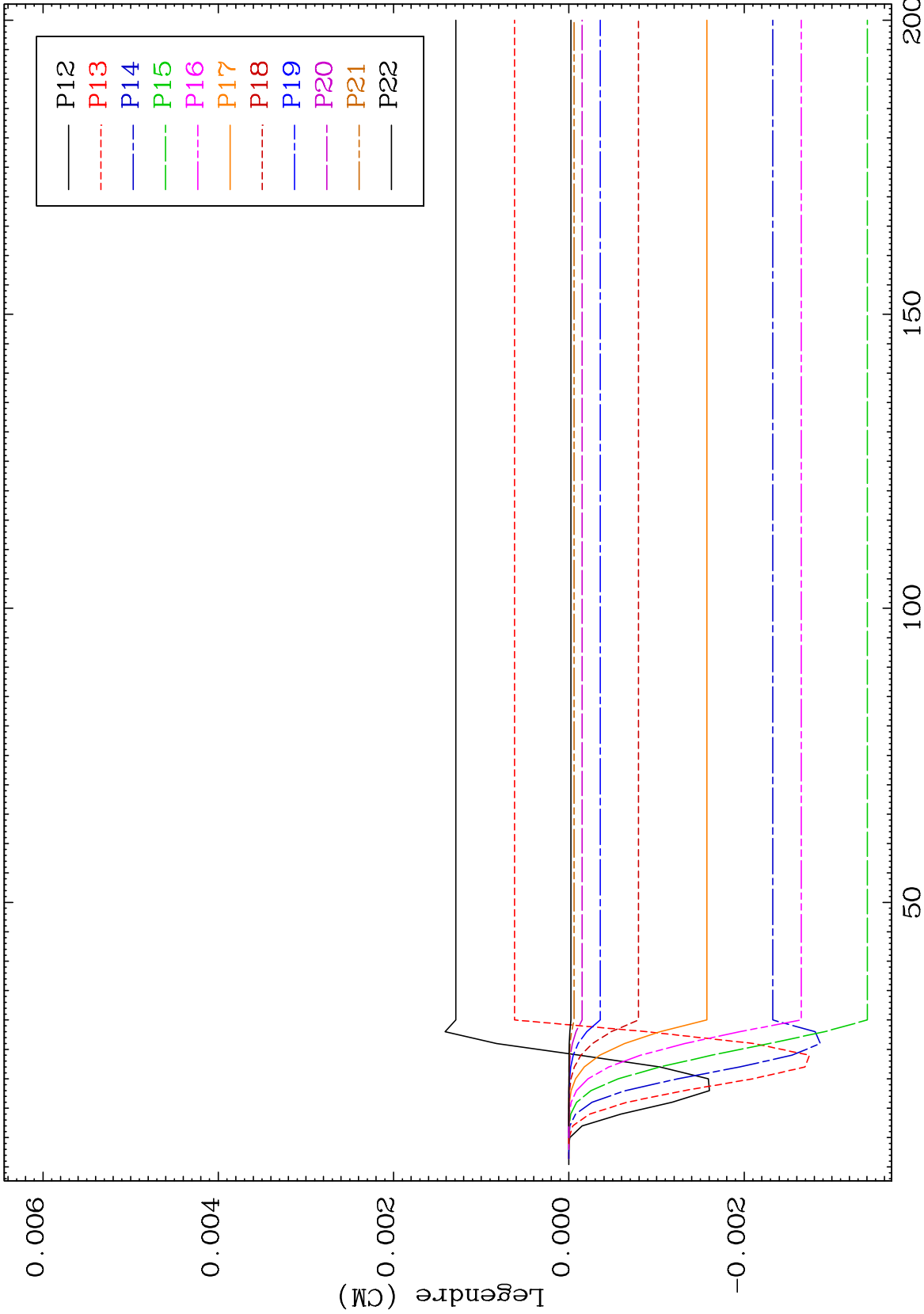
Incident Energy (MeV)

28-Ni-64

MAT 2843

MT= 76 (n,n') Level
Legendre Coefficients

²⁸Ni-64



96

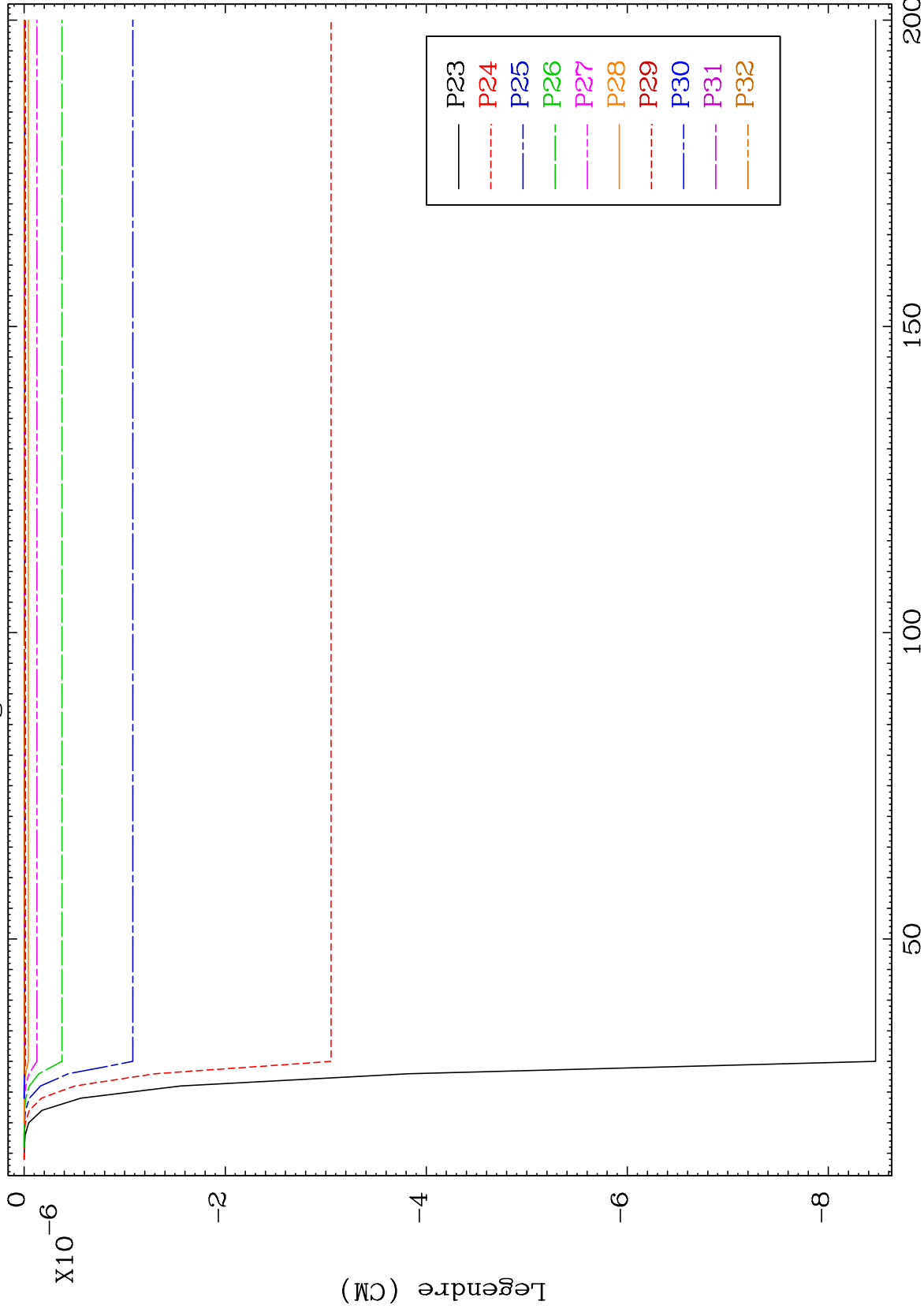
Incident Energy (MeV)

²⁸Ni-64

MAT 2843

MT= 76 (n,n') Level
Legendre Coefficients

28-Ni-64



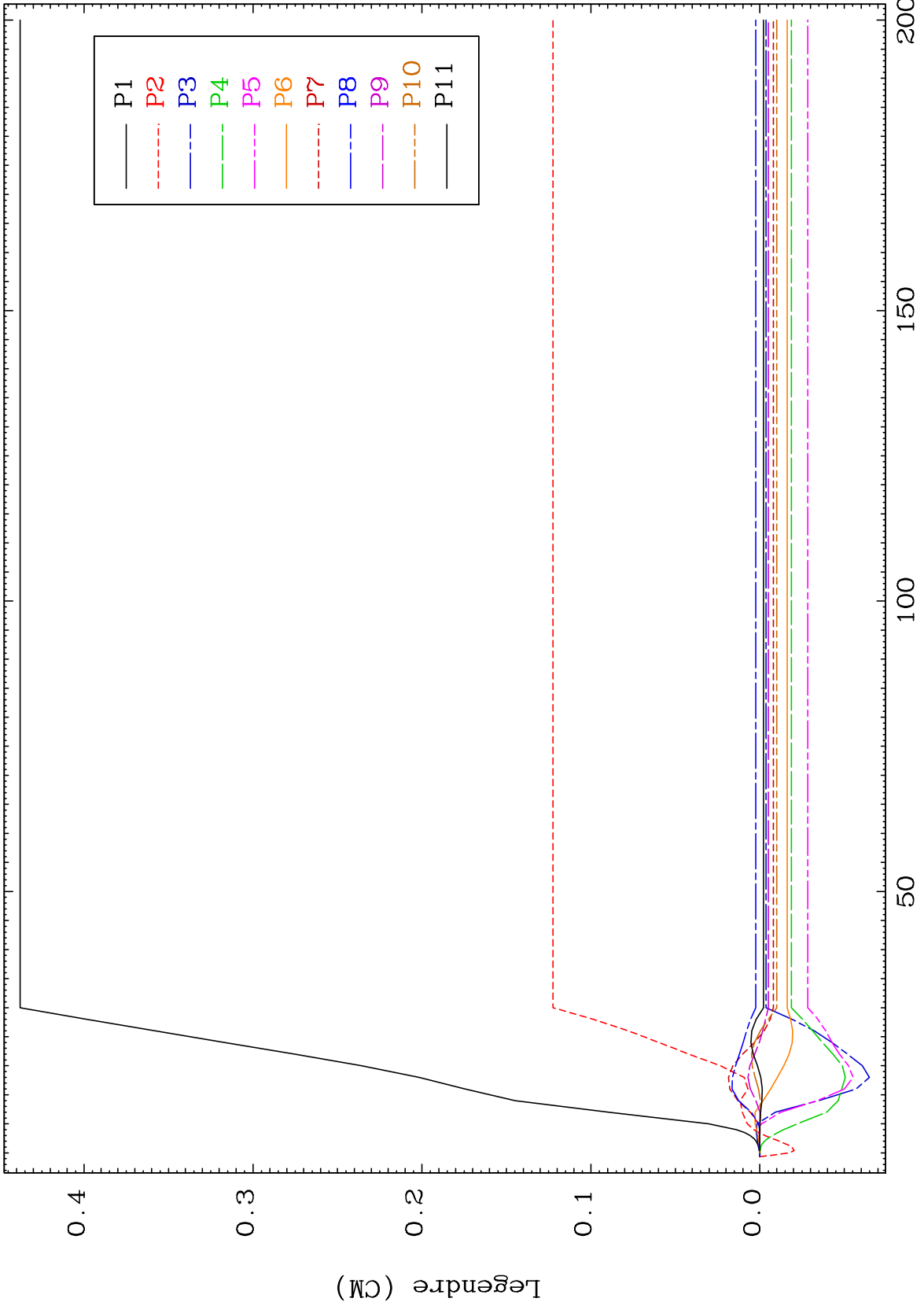
97

28-Ni-64

MAT 2843

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

28-Ni-64



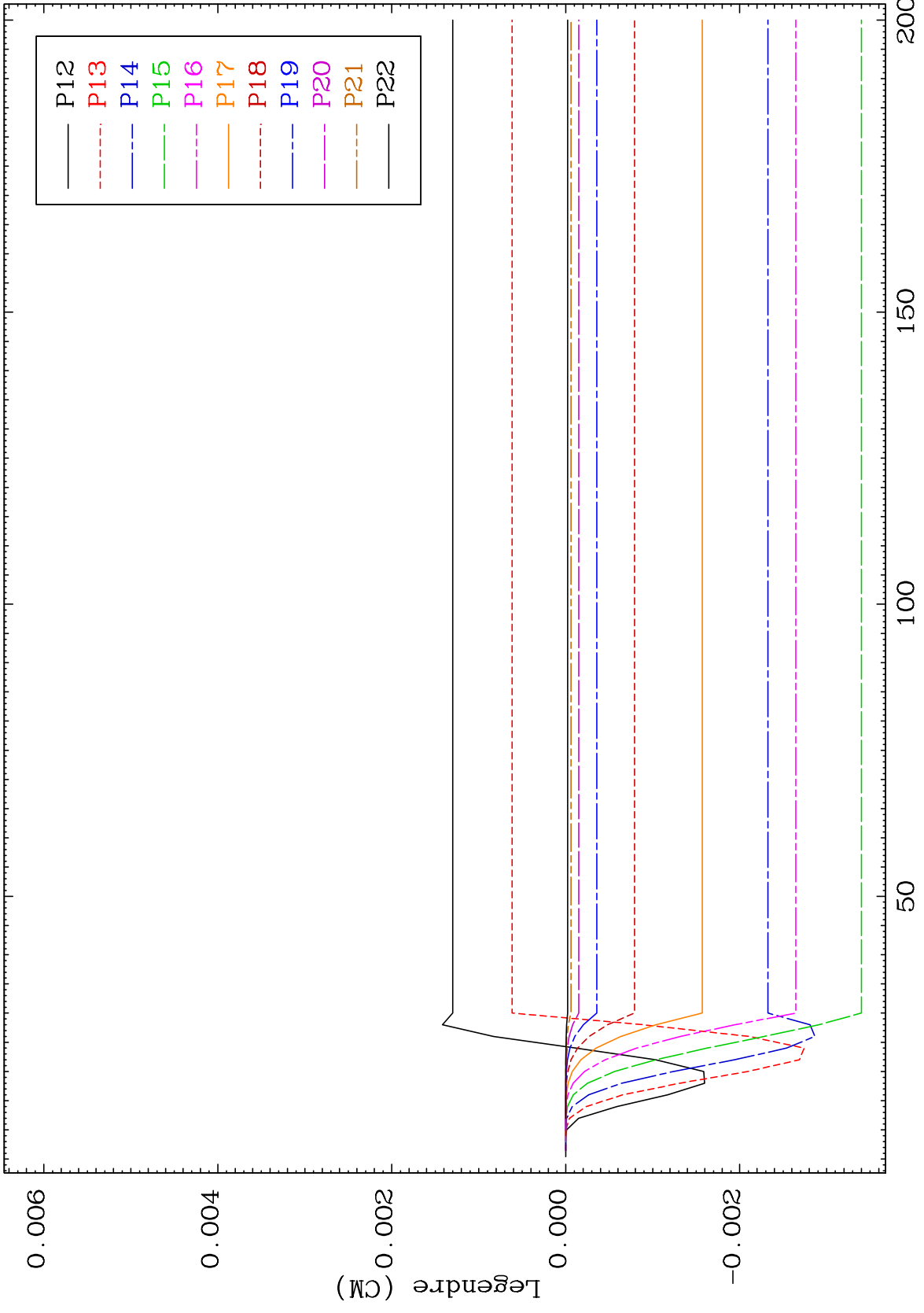
98

28-Ni-64

MAT 2843

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

²⁸Ni-64



99

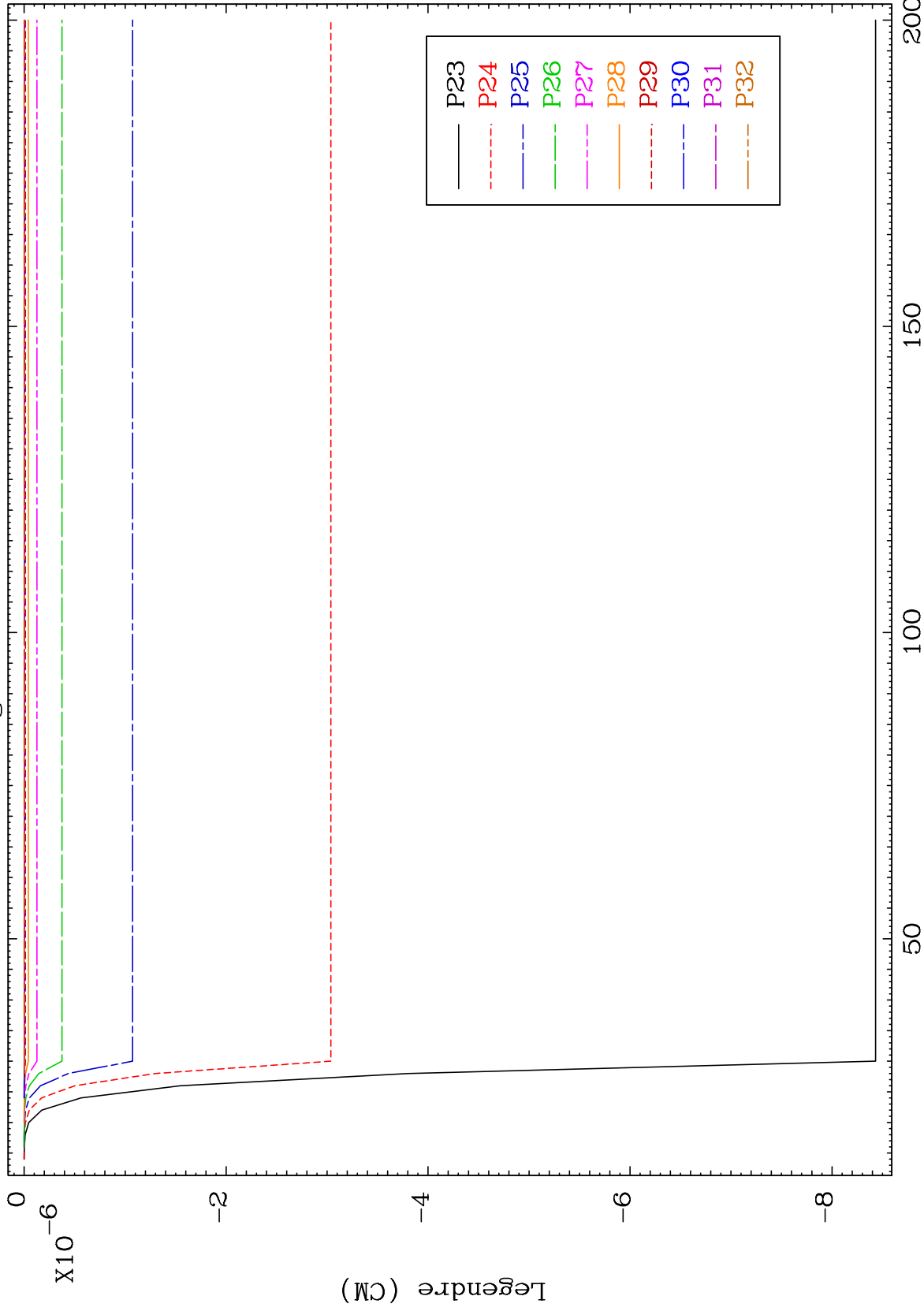
Incident Energy (MeV)

²⁸Ni-64

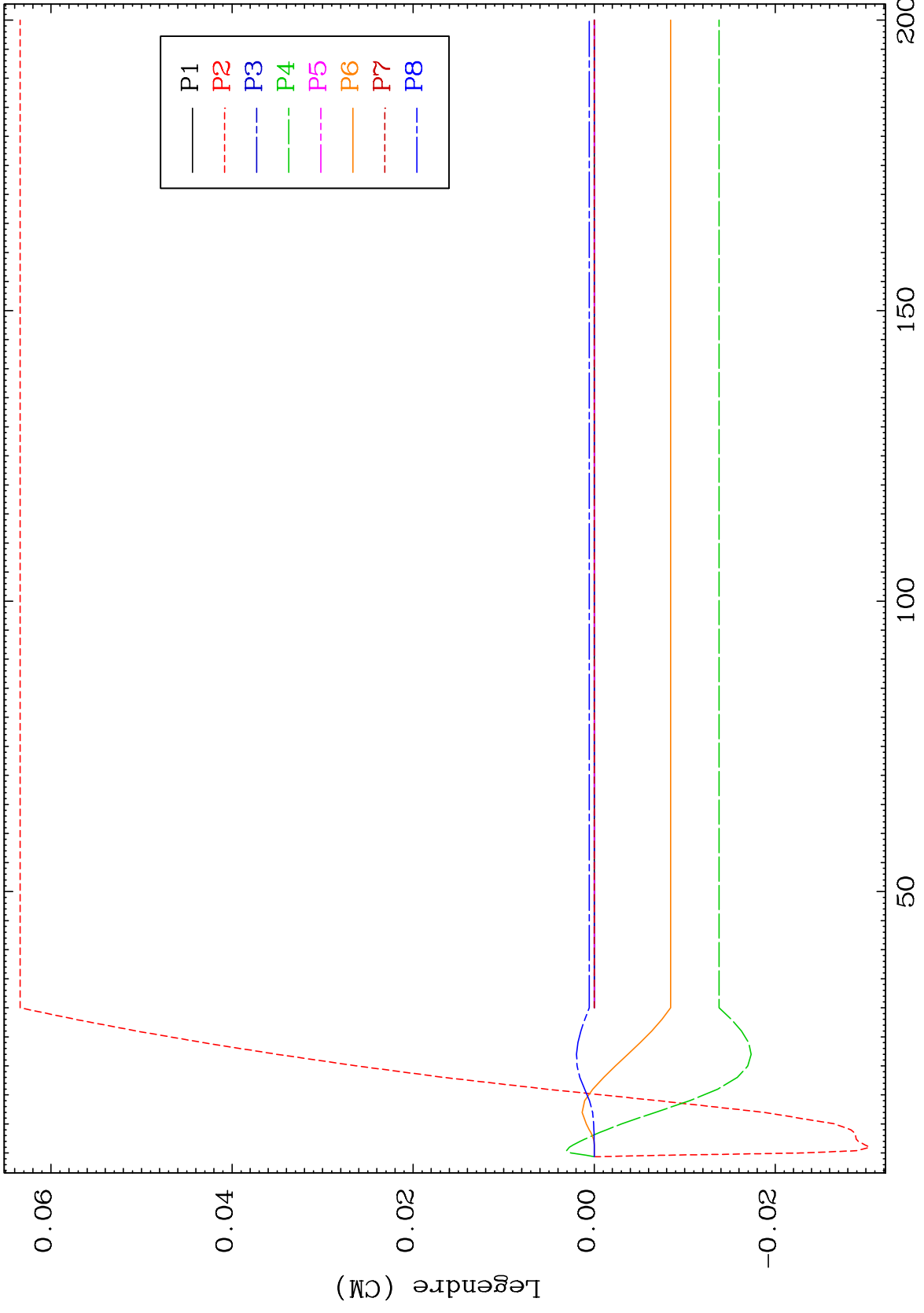
MAT 2843

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

28-Ni-64

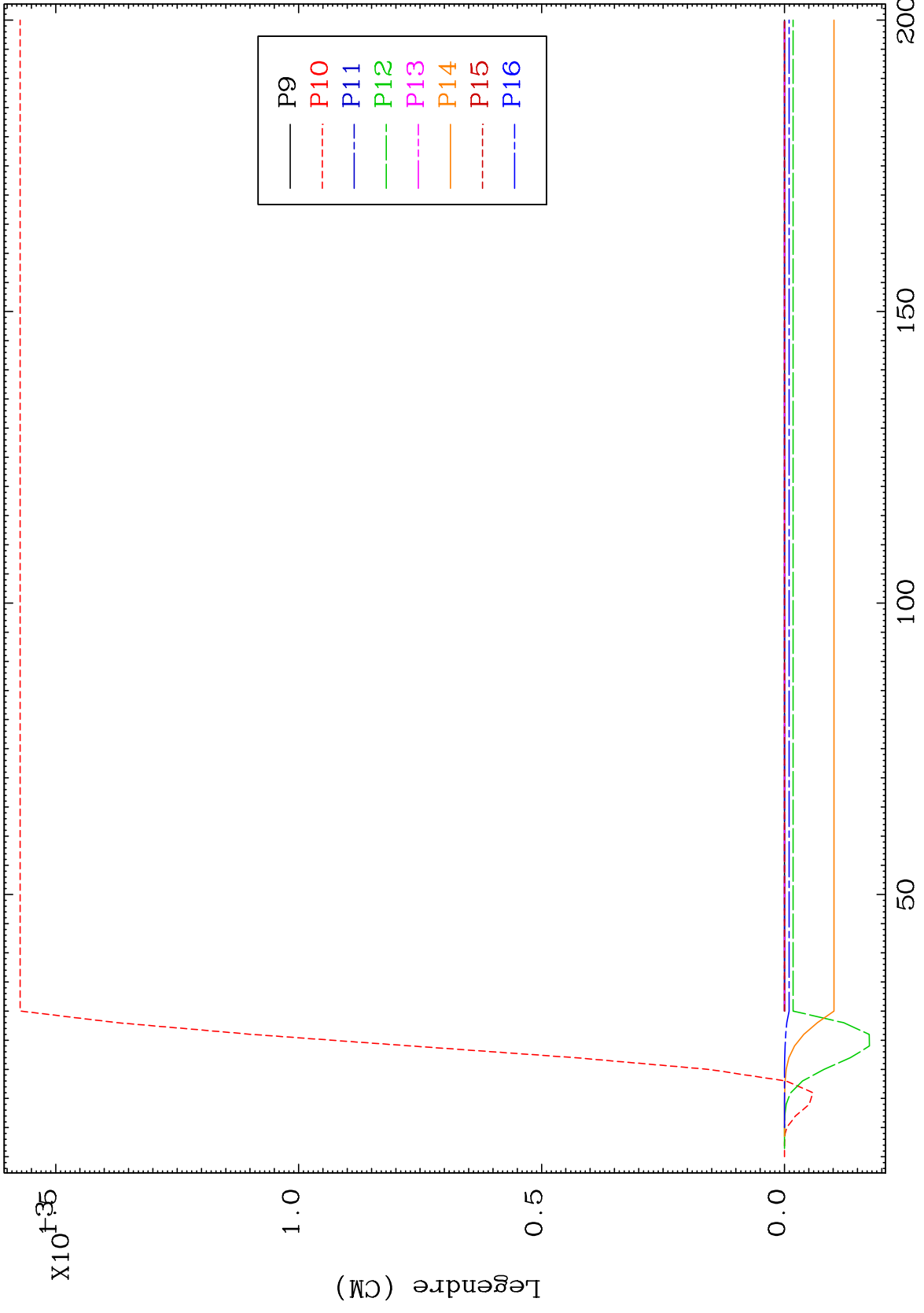


MAT 2843 MT= 78 (n,n') Level Legendre Coefficients 28-Ni-64



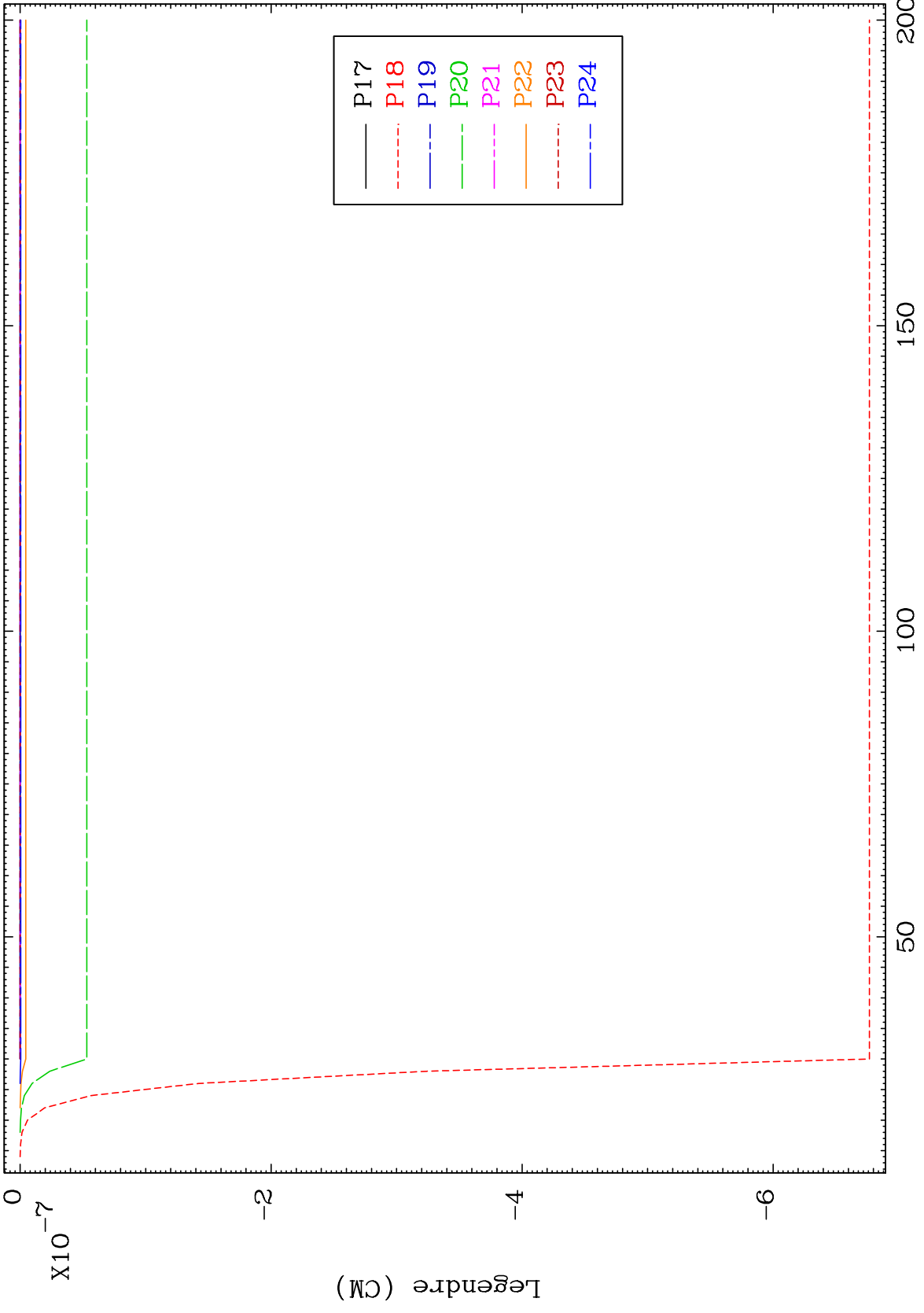
101 Incident Energy (MeV) 28-Ni-64

MAT 2843 MT= 78 (n,n') Level Legendre Coefficients 28-Ni-64



102 28-Ni-64

MAT 2843 MT= 78 (n,n') Level Legendre Coefficients 28-Ni-64

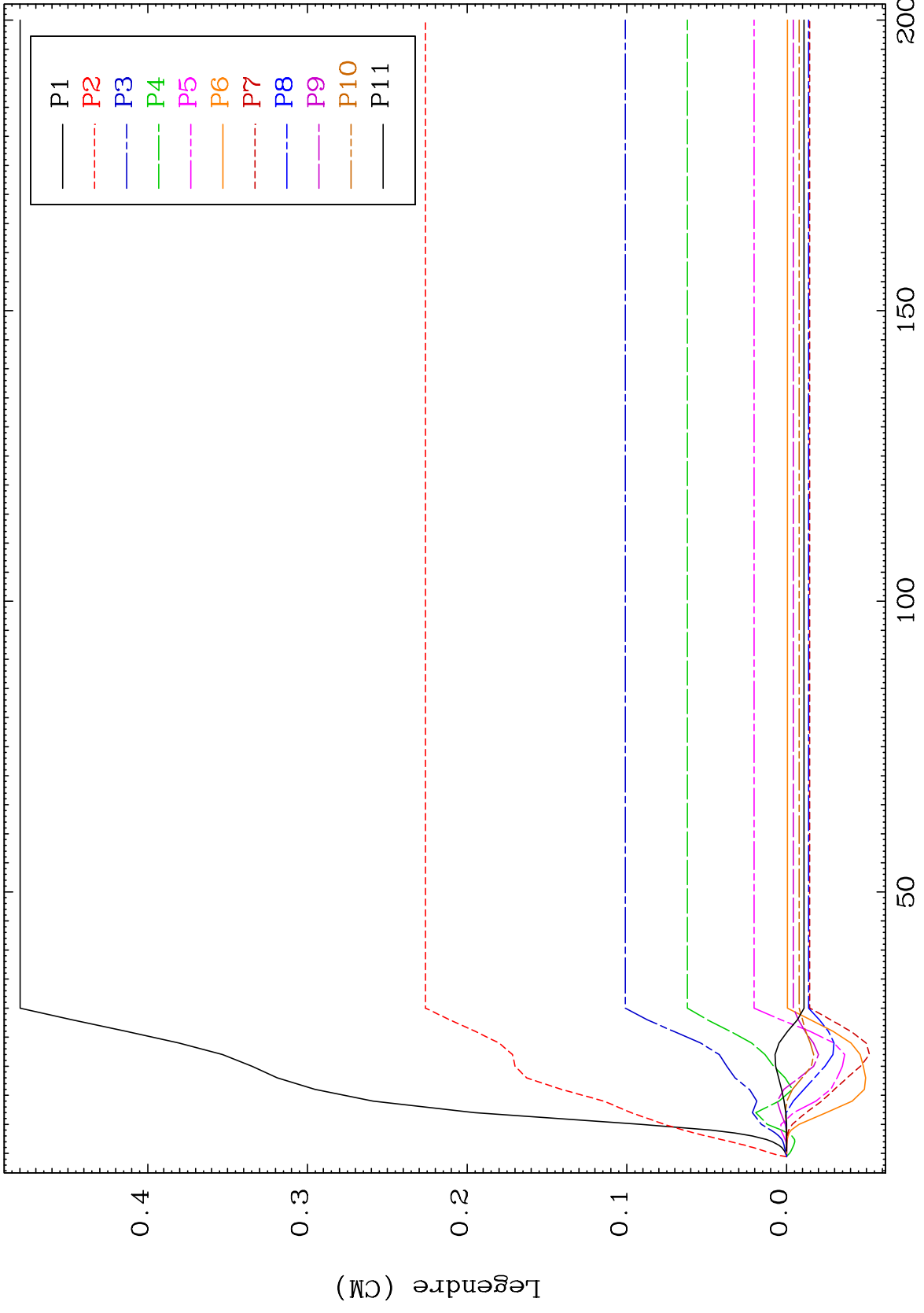


103 28-Ni-64

MAT 2843

MT= 79 (n,n') Level
Legendre Coefficients

28-Ni-64



104

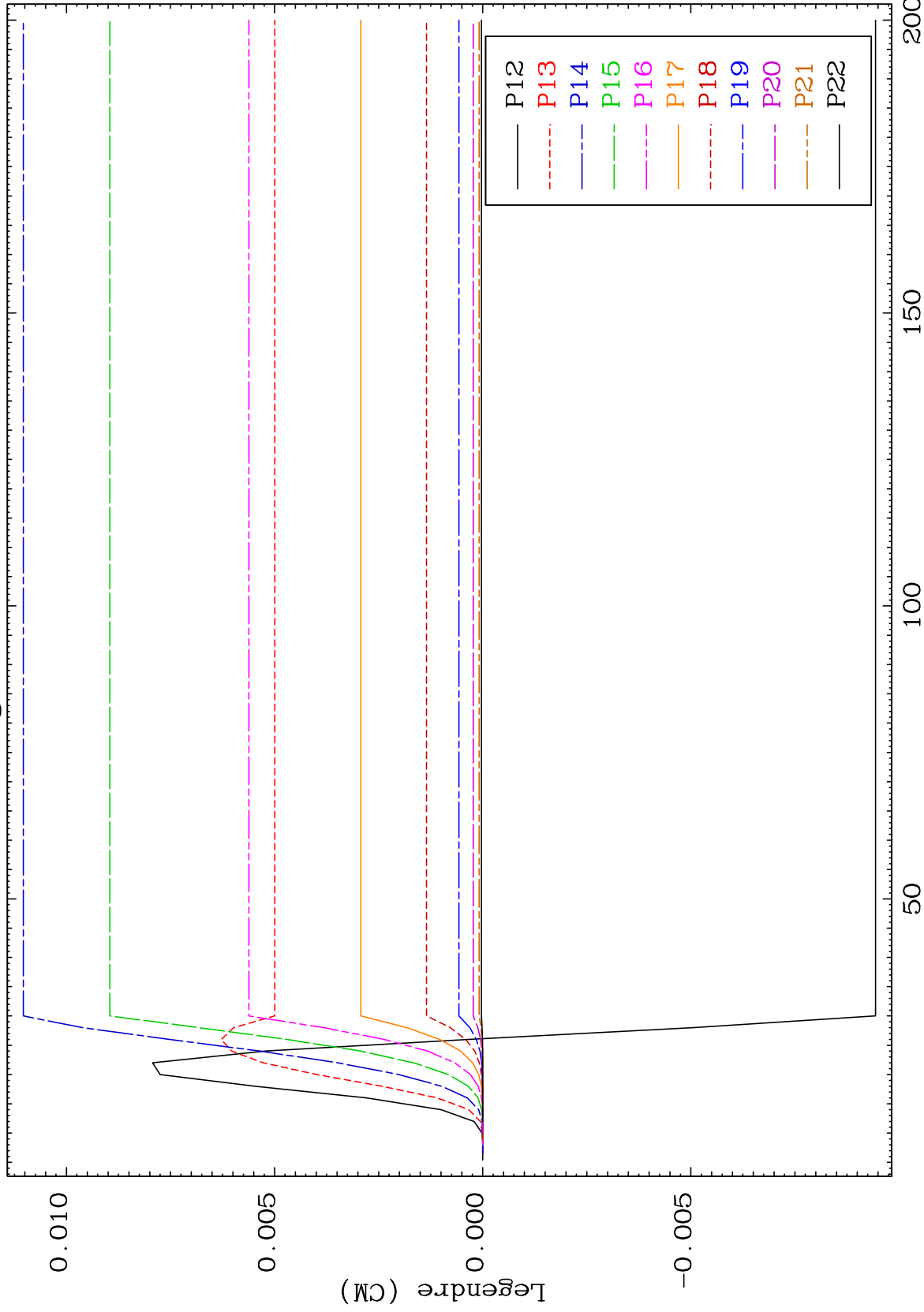
Incident Energy (MeV)

28-Ni-64

MAT 2843

MT= 79 (n,n') Level
Legendre Coefficients

28-Ni-64



105

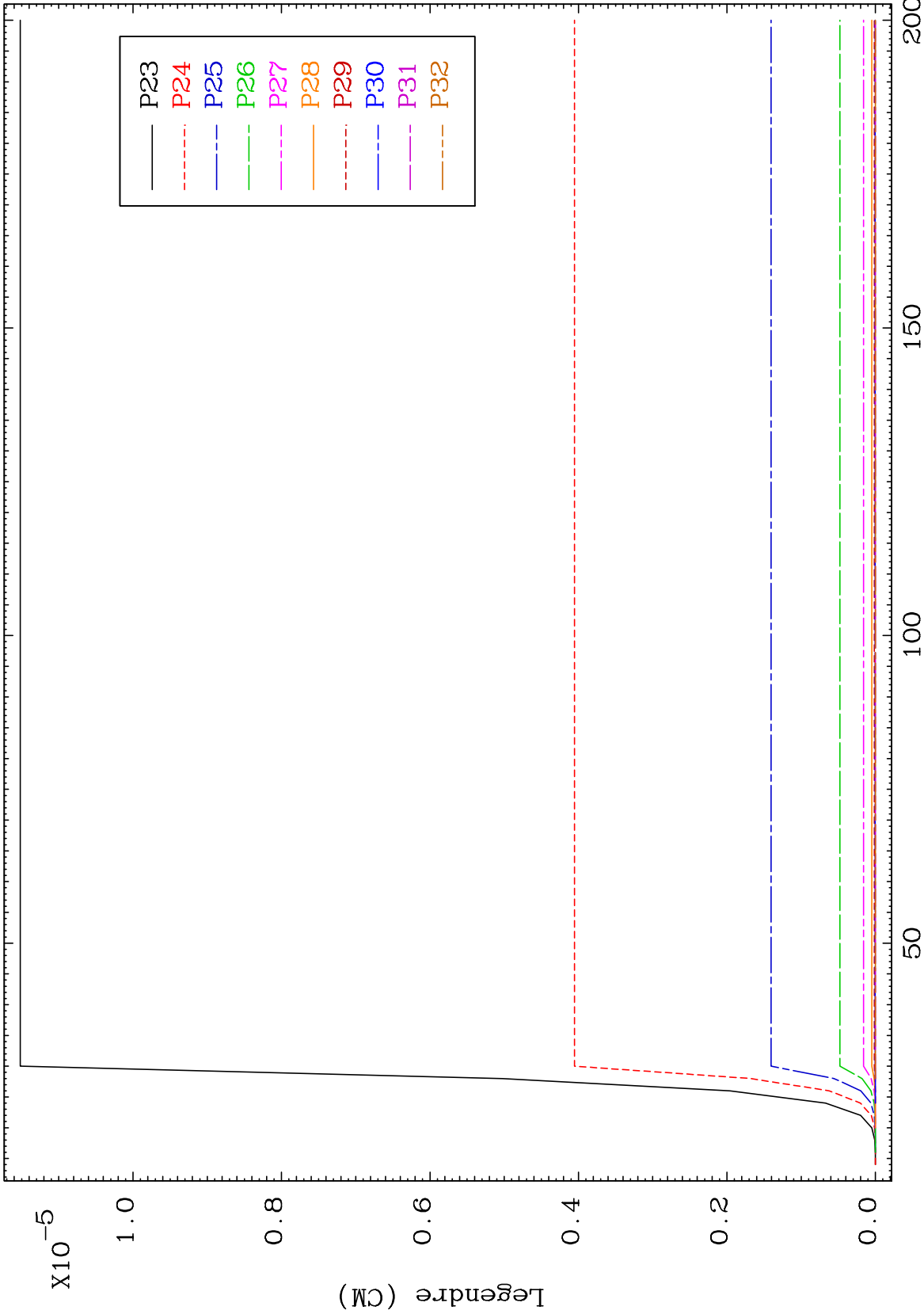
Incident Energy (MeV)

28-Ni-64

MAT 2843

MT= 79 (n,n') Level
Legendre Coefficients

28-Ni-64

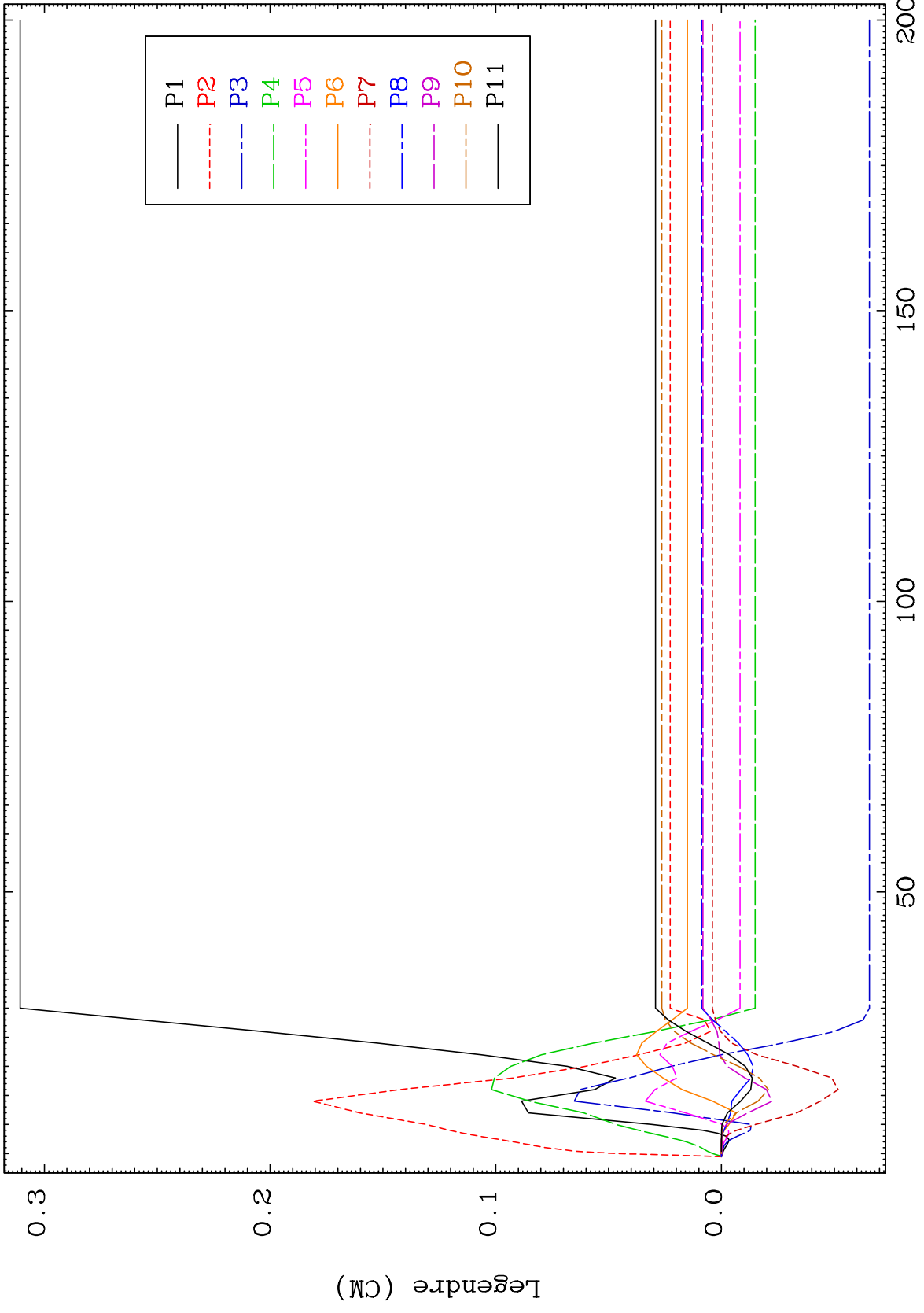


106

Incident Energy (MeV)

28-Ni-64

MAT 2843 MT= 80 (n,n') Level Legendre Coefficients 28-Ni-64

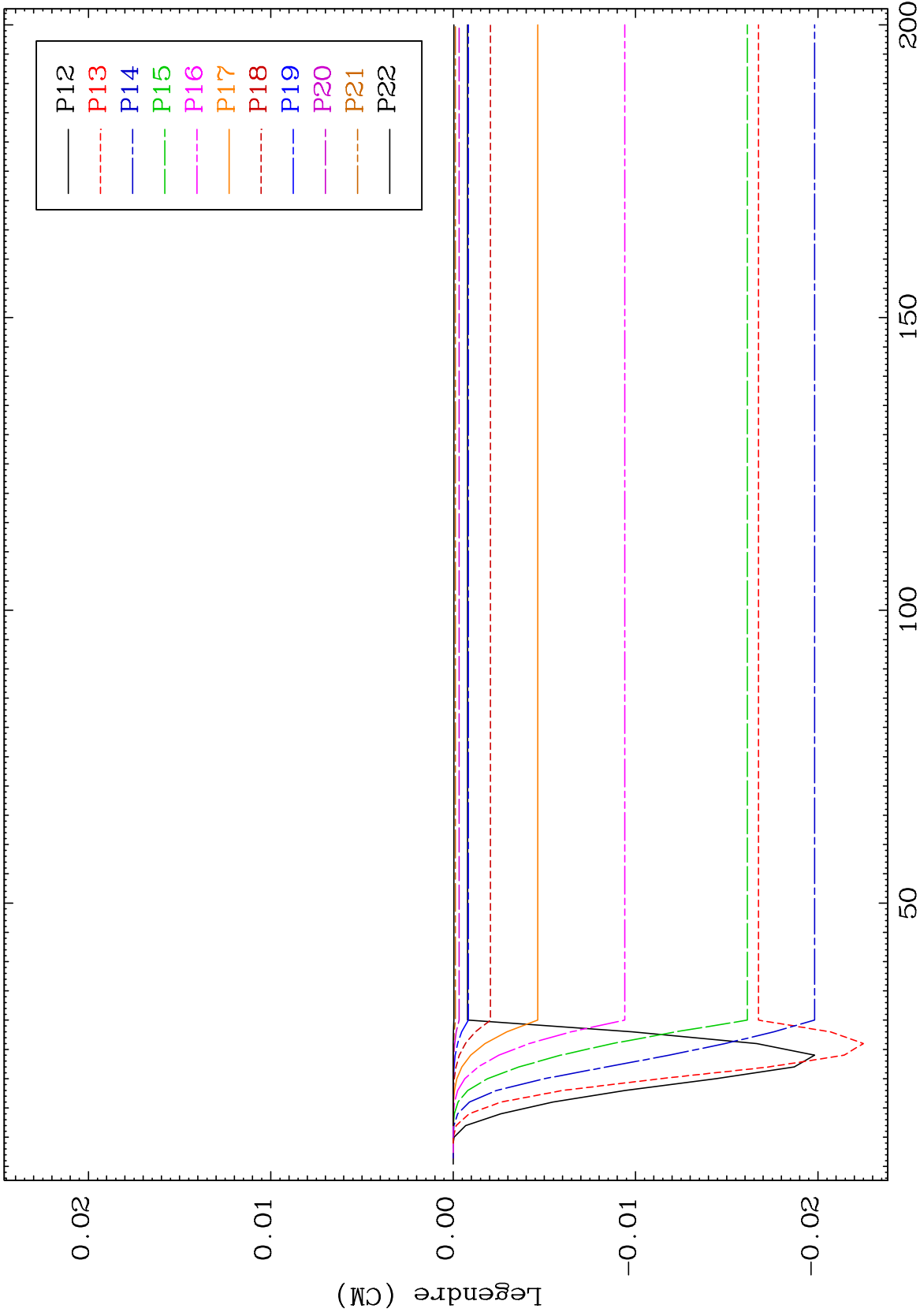


107 28-Ni-64

MAT 2843

MT= 80 (n,n') Level
Legendre Coefficients

28-Ni-64



108

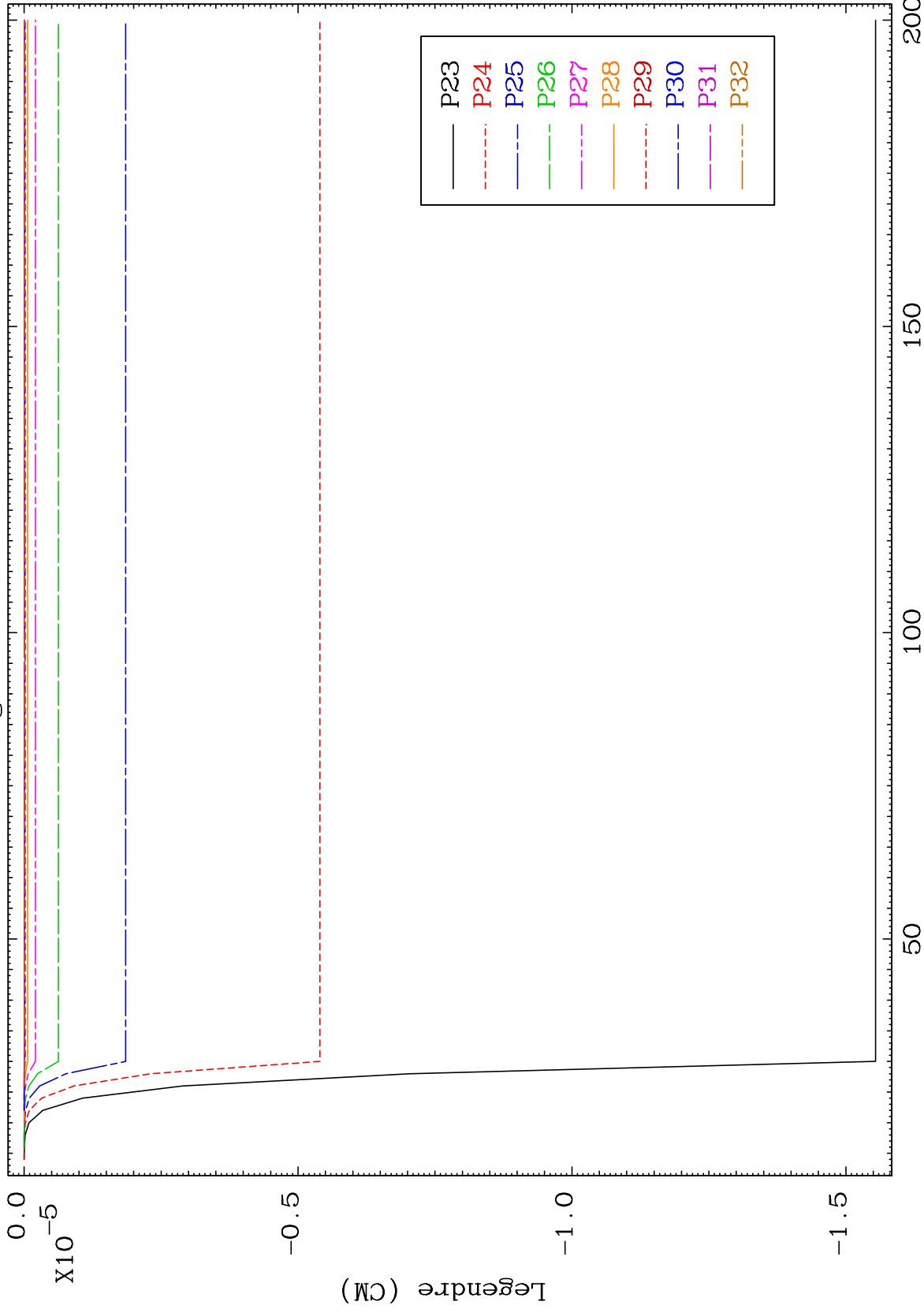
Incident Energy (MeV)

28-Ni-64

MAT 2843

MT= 80 (n,n') Level
Legendre Coefficients

28-Ni-64



109

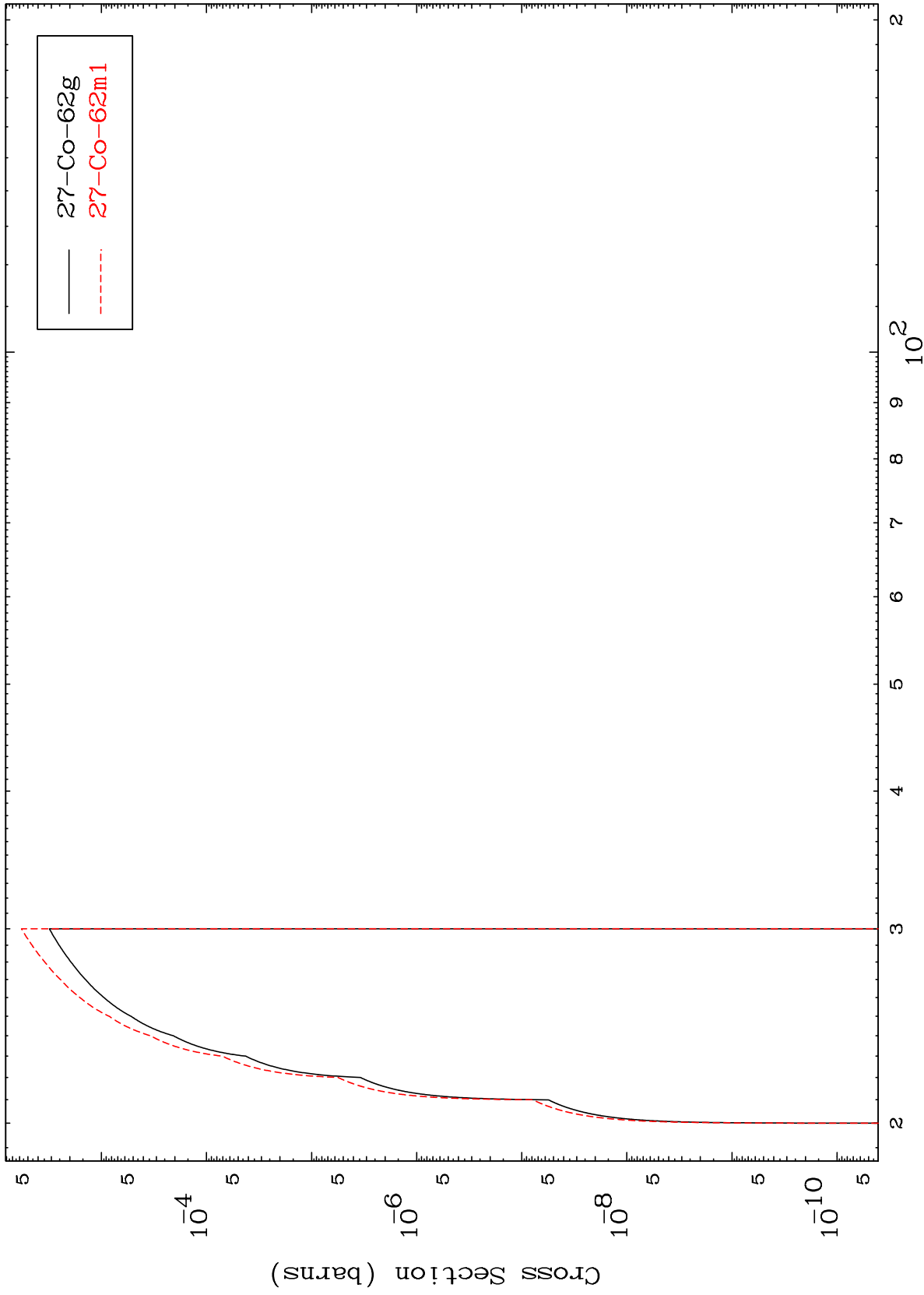
28-Ni-64

MAT 2843

(n,n') d

²⁸Ni-64

Radionuclide Production Cross Section



110

Incident Energy (MeV)

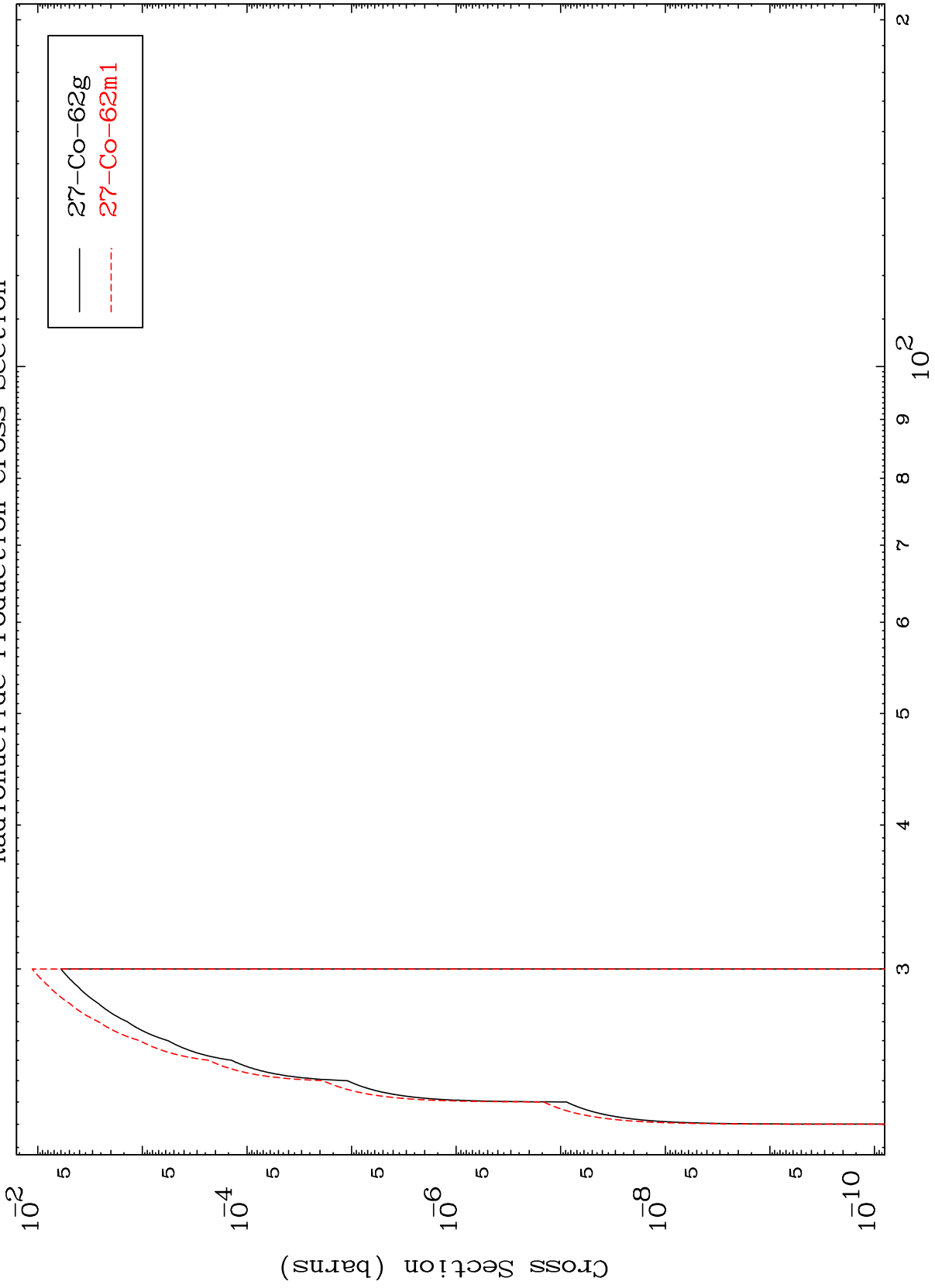
²⁸Ni-64

MAT 2843

(n,2n) p

²⁸Ni-64

Radionuclide Production Cross Section



111

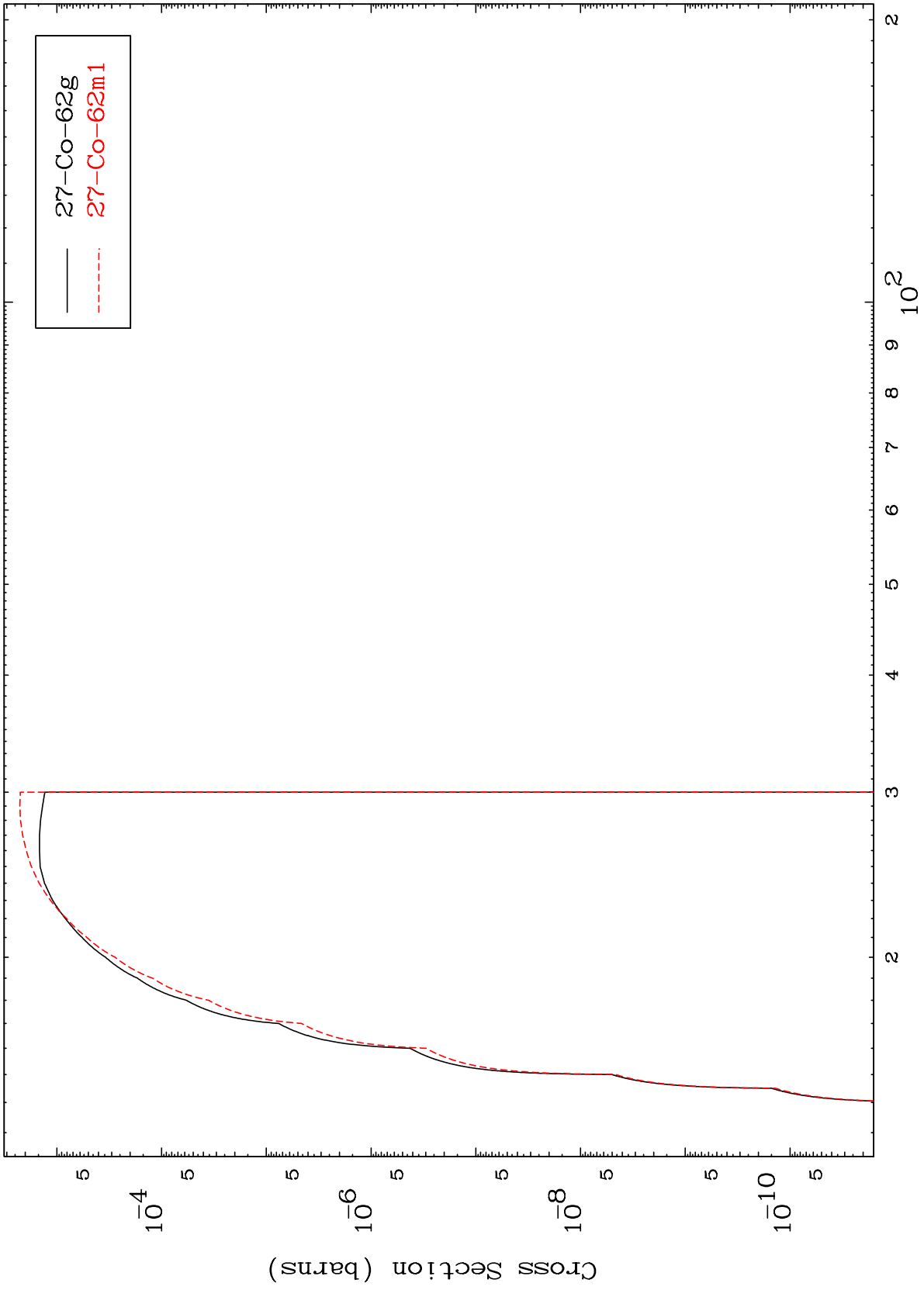
Incident Energy (MeV)

²⁸Ni-64

MAT 2843

28-Ni-64

(n, t)
Radionuclide Production Cross Section



112

28-Ni-64

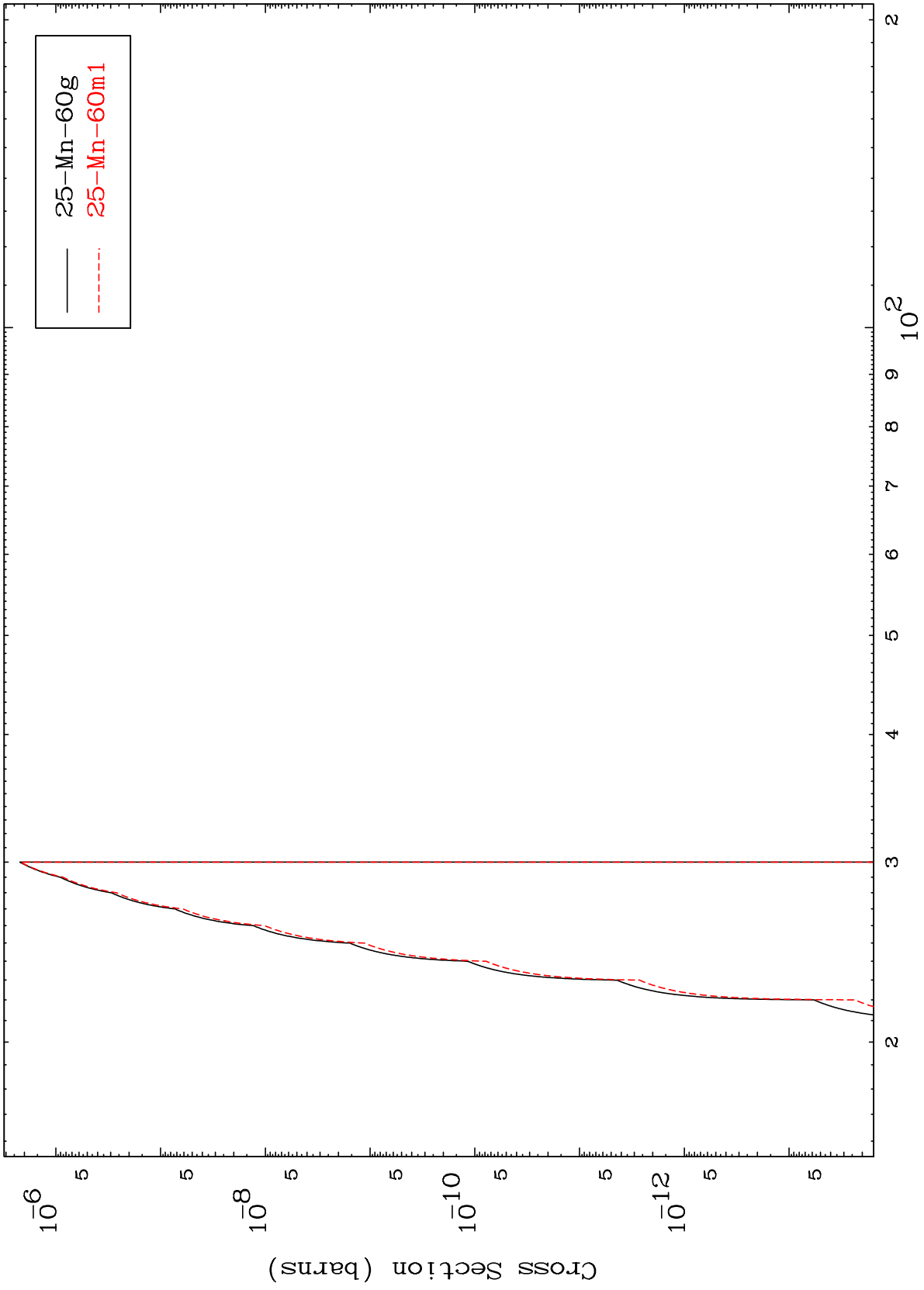
Incident Energy (MeV)

MAT 2843

(n,p) α

²⁸Ni-64

Radionuclide Production Cross Section



113

Incident Energy (MeV)

²⁸Ni-64