

Program EVALPLOT
(Version 2021-1)

by

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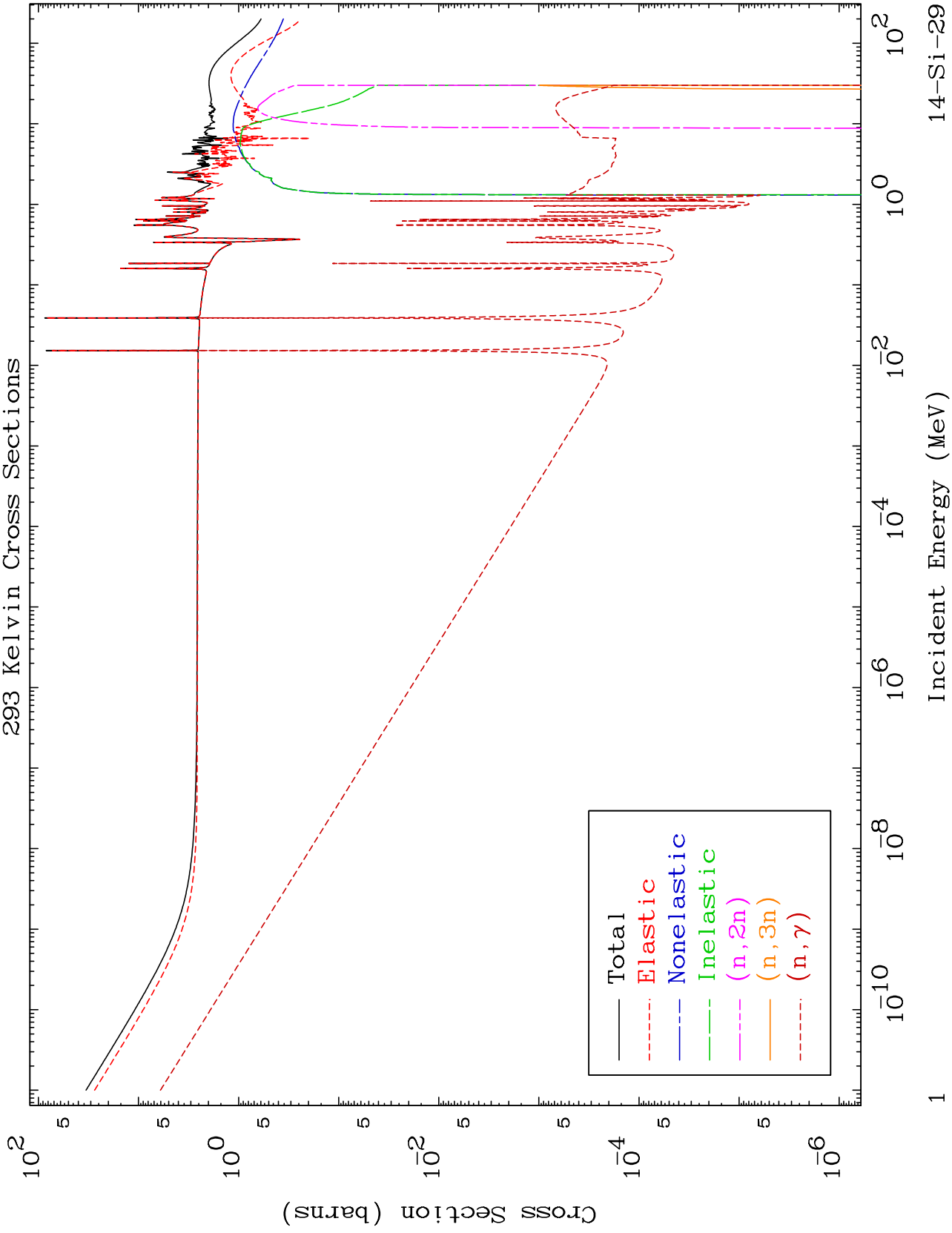
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1428

Neutron Major
293 Kelvin Cross Sections

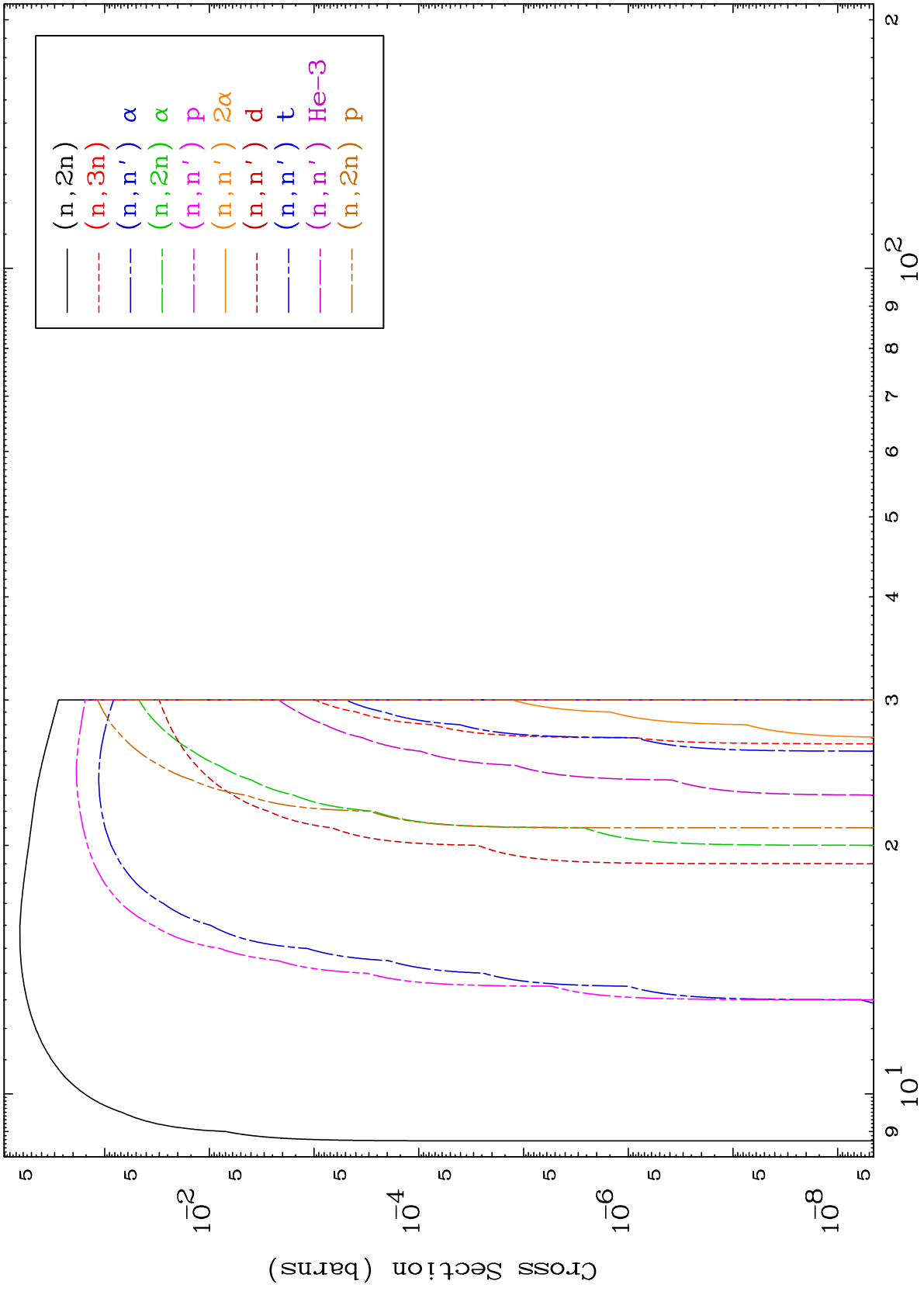
14-Si-29



MAT 1428

Neutron Absorption 293 Kelvin Cross Sections

14-Si-29



2

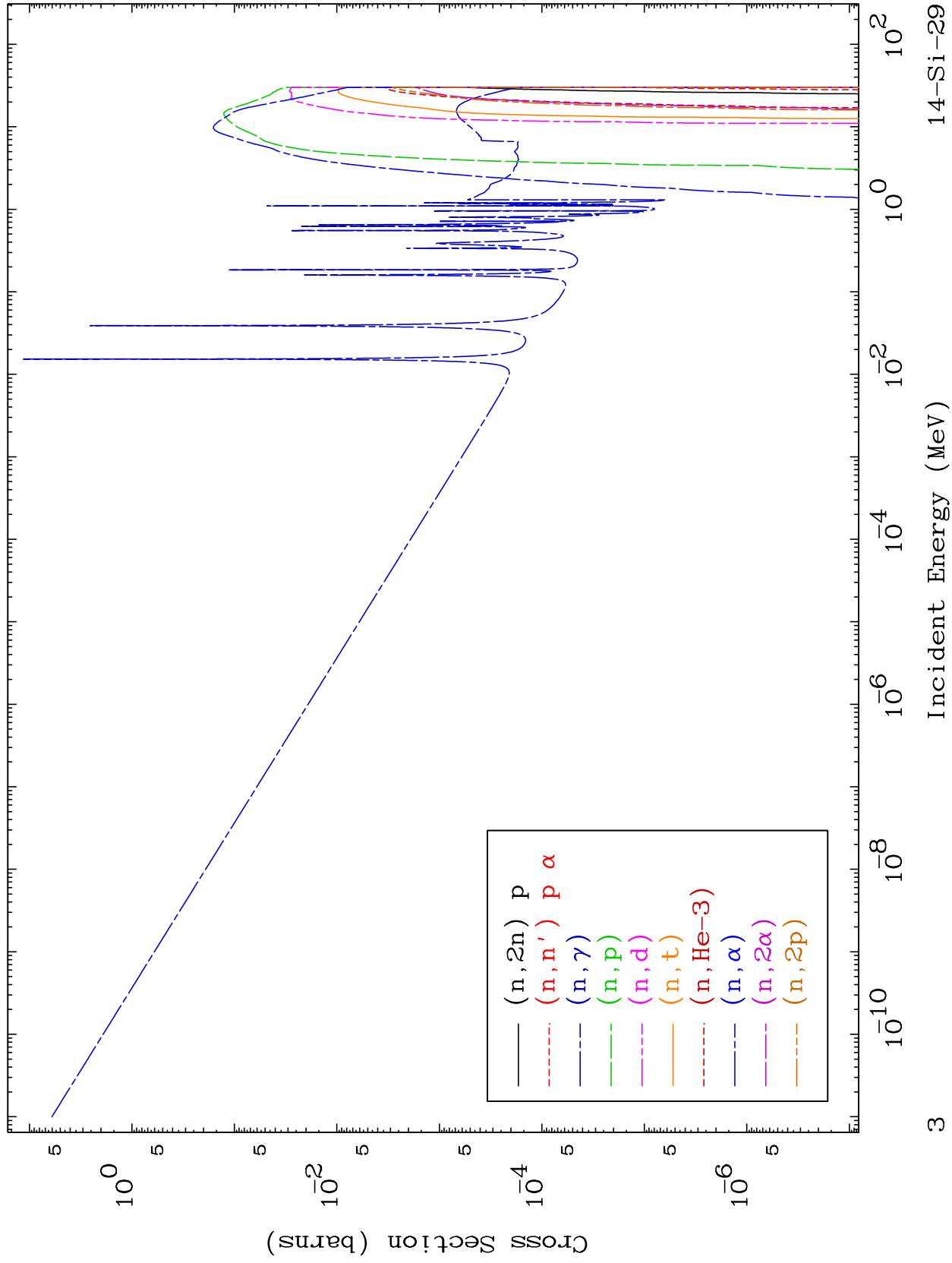
Incident Energy (MeV)

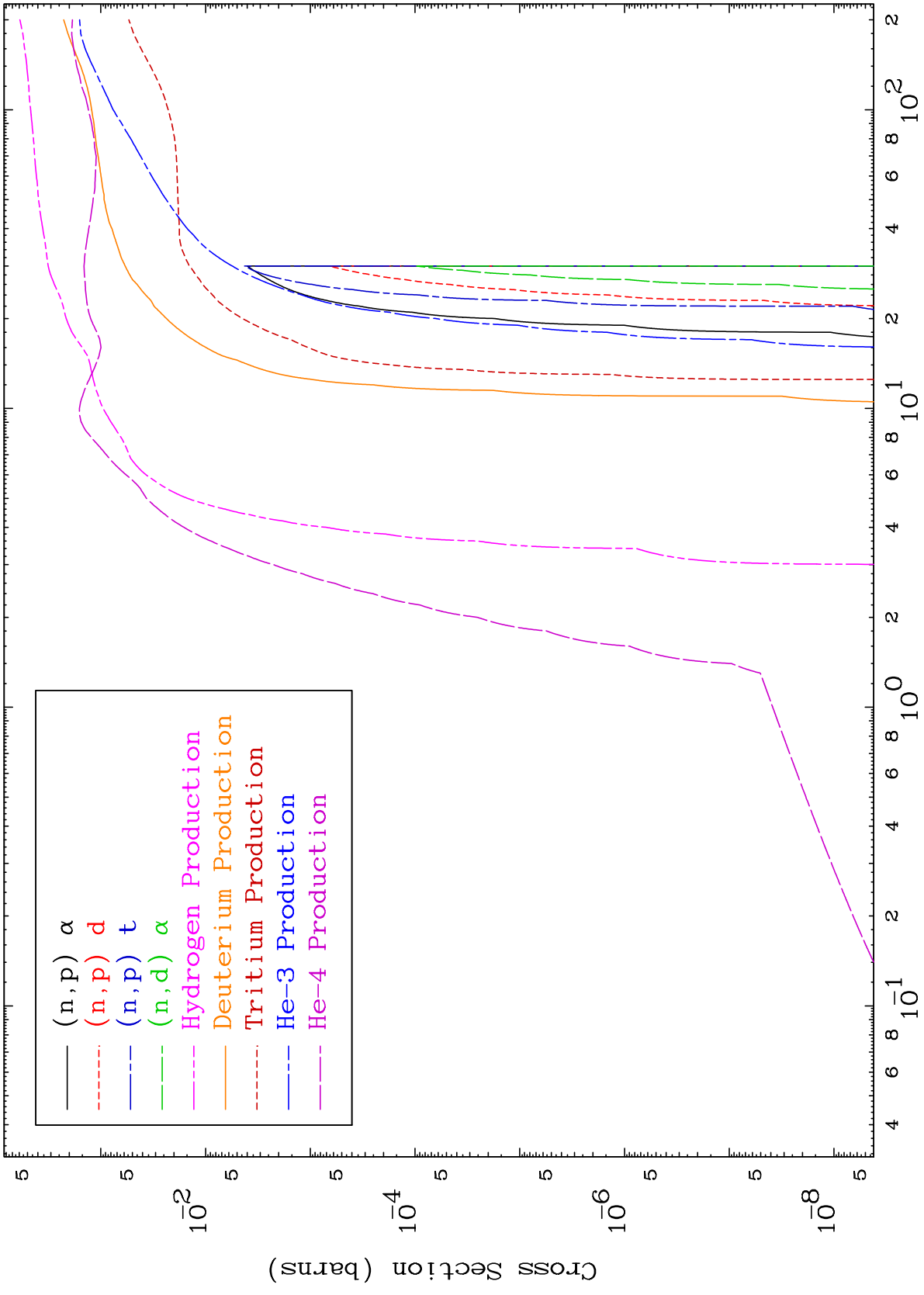
14-Si-29

MAT 1428

Neutron Absorption
293 Kelvin Cross Sections

14-Si-29

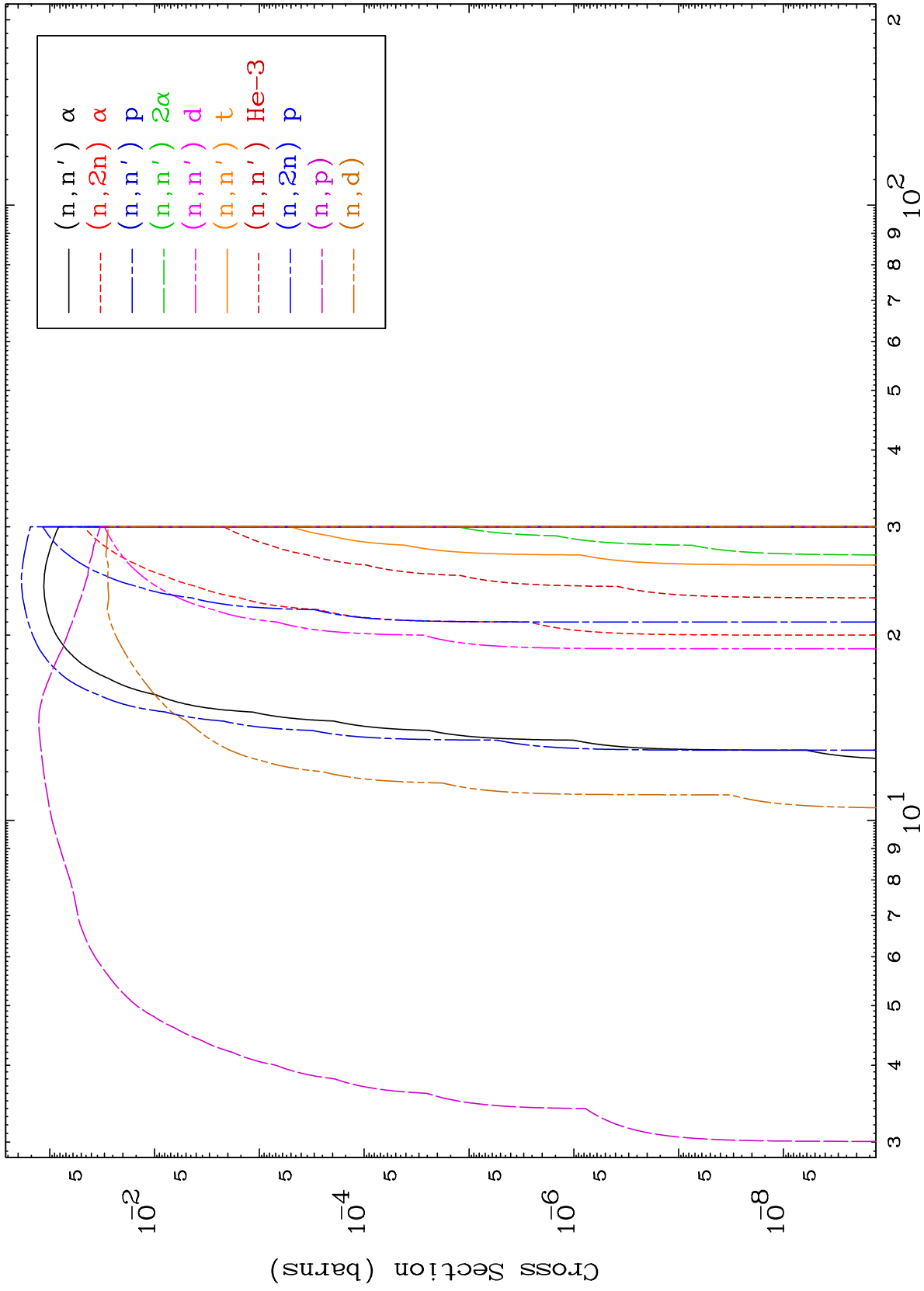




MAT 1428

Charged Particle
293 Kelvin Cross Sections

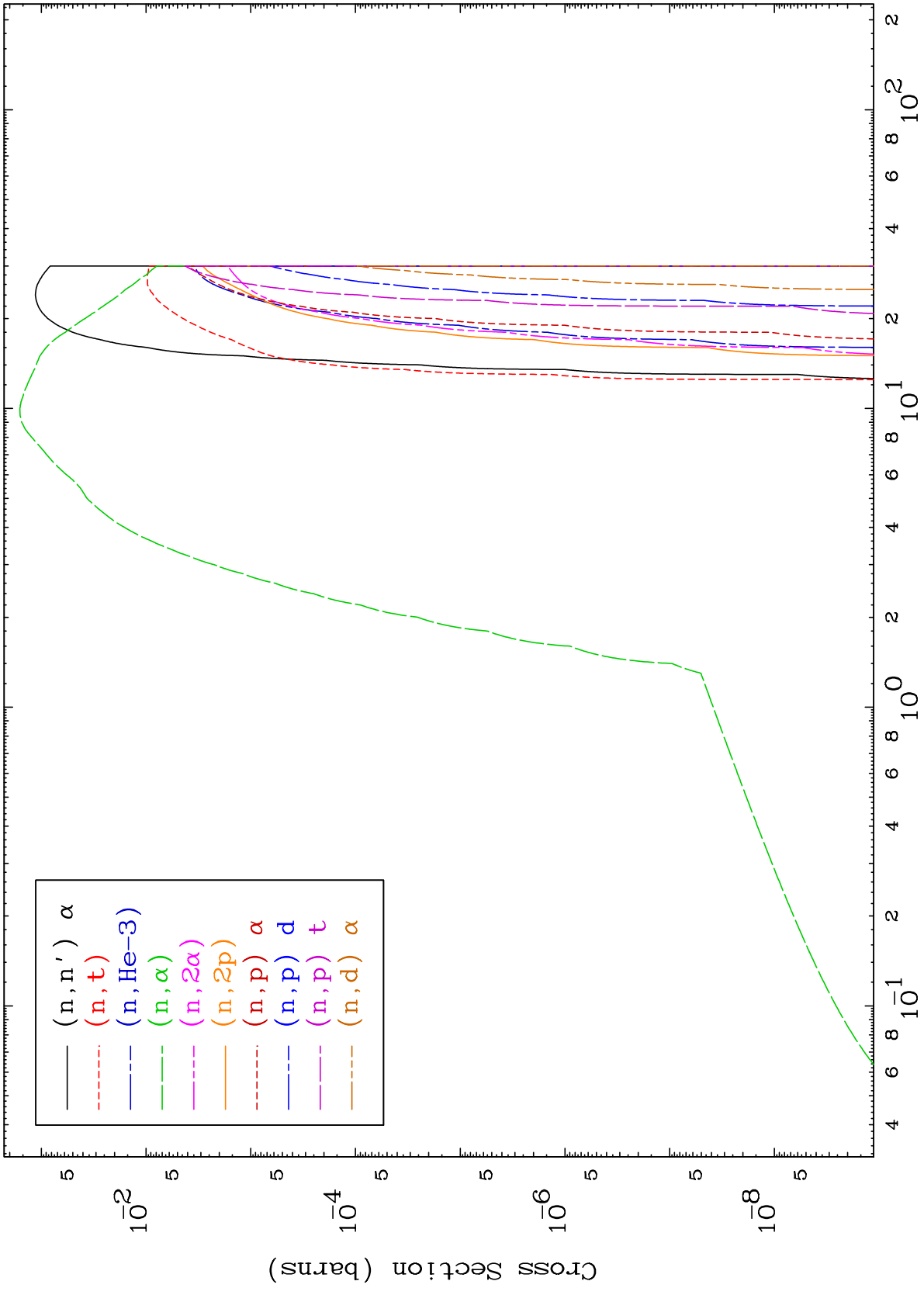
14-Si-29



5

Incident Energy (MeV)

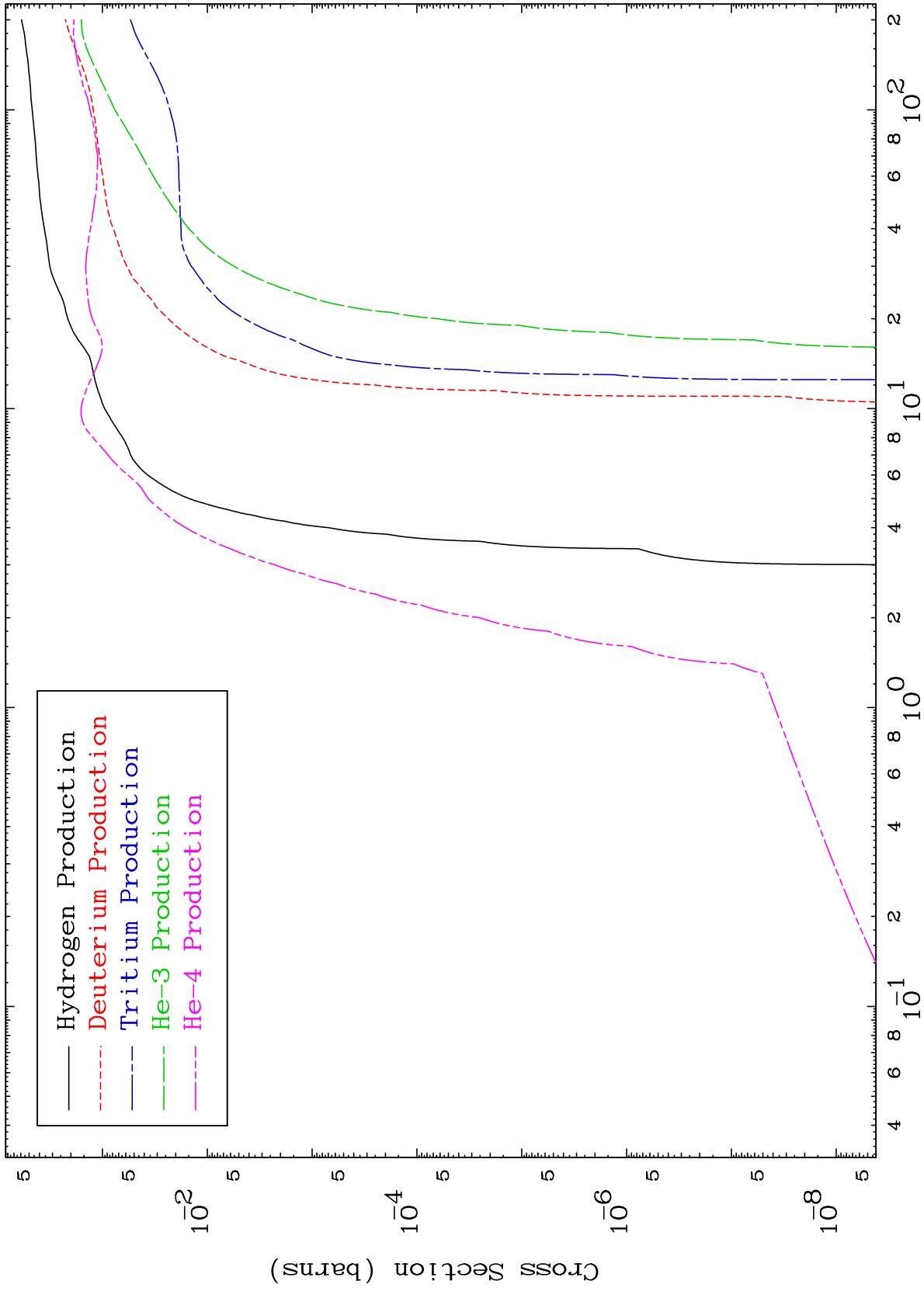
14-Si-29



MAT 1428

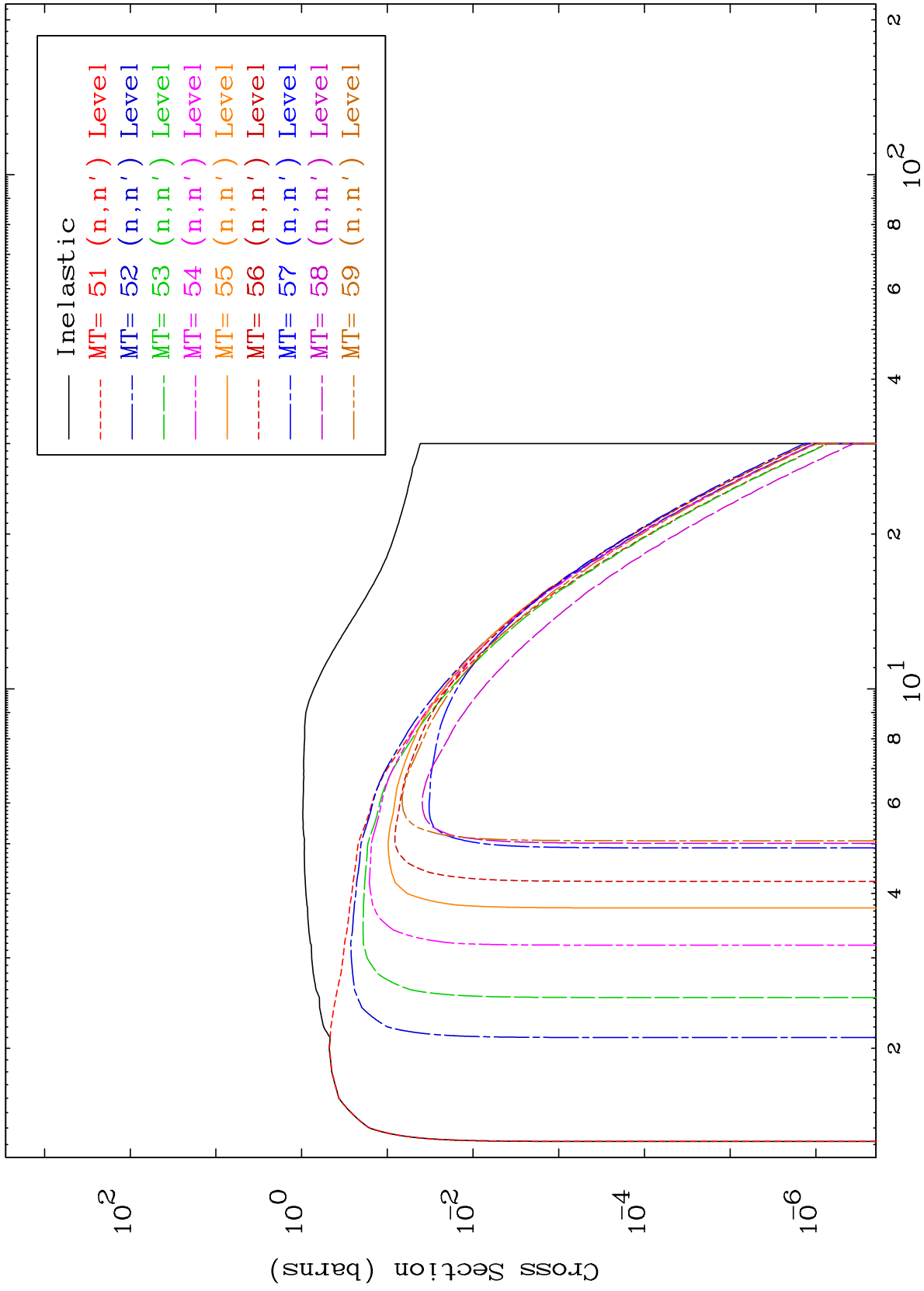
Particle Production
293 Kelvin Cross Sections

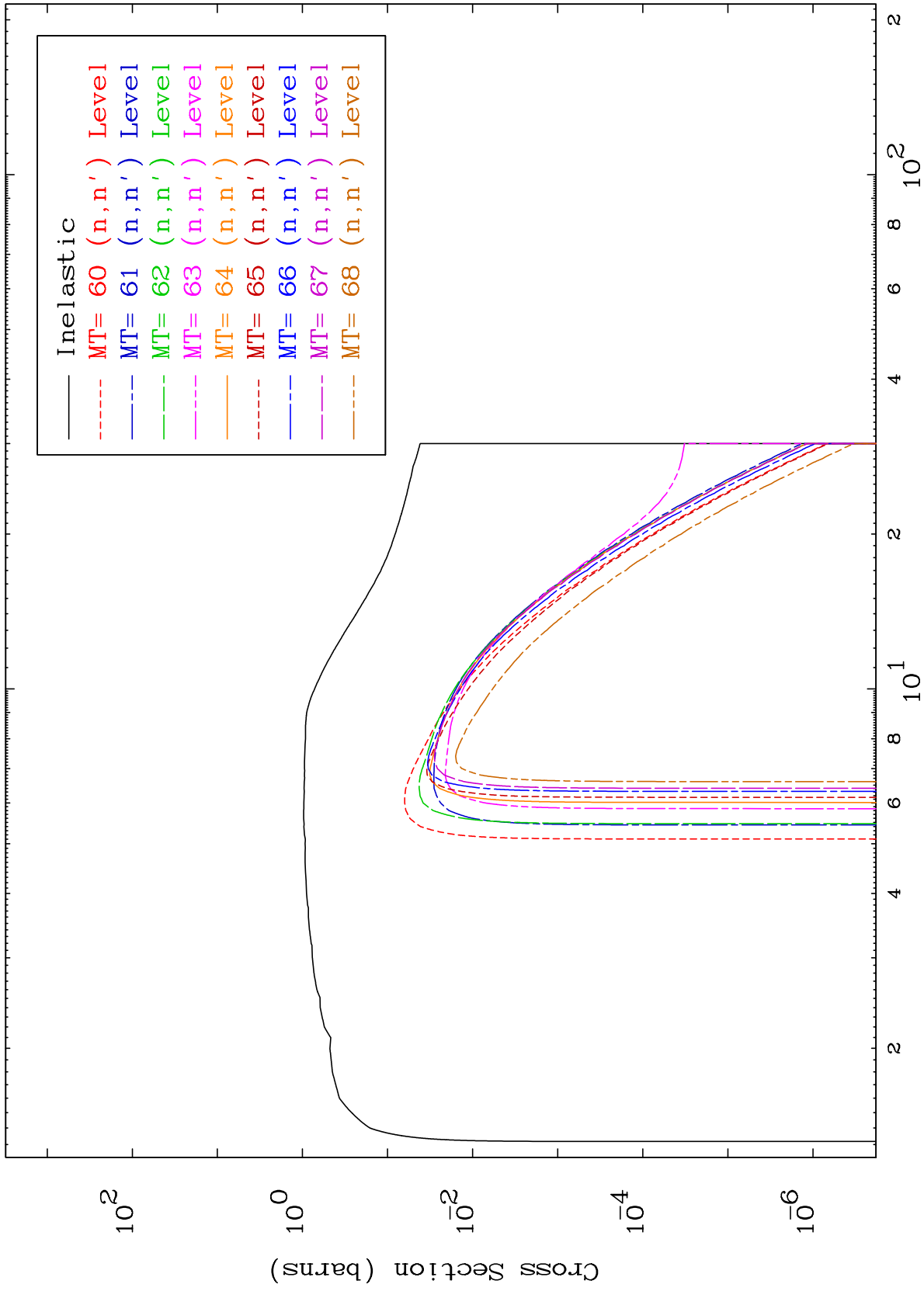
14-Si-29



7

14-Si-29

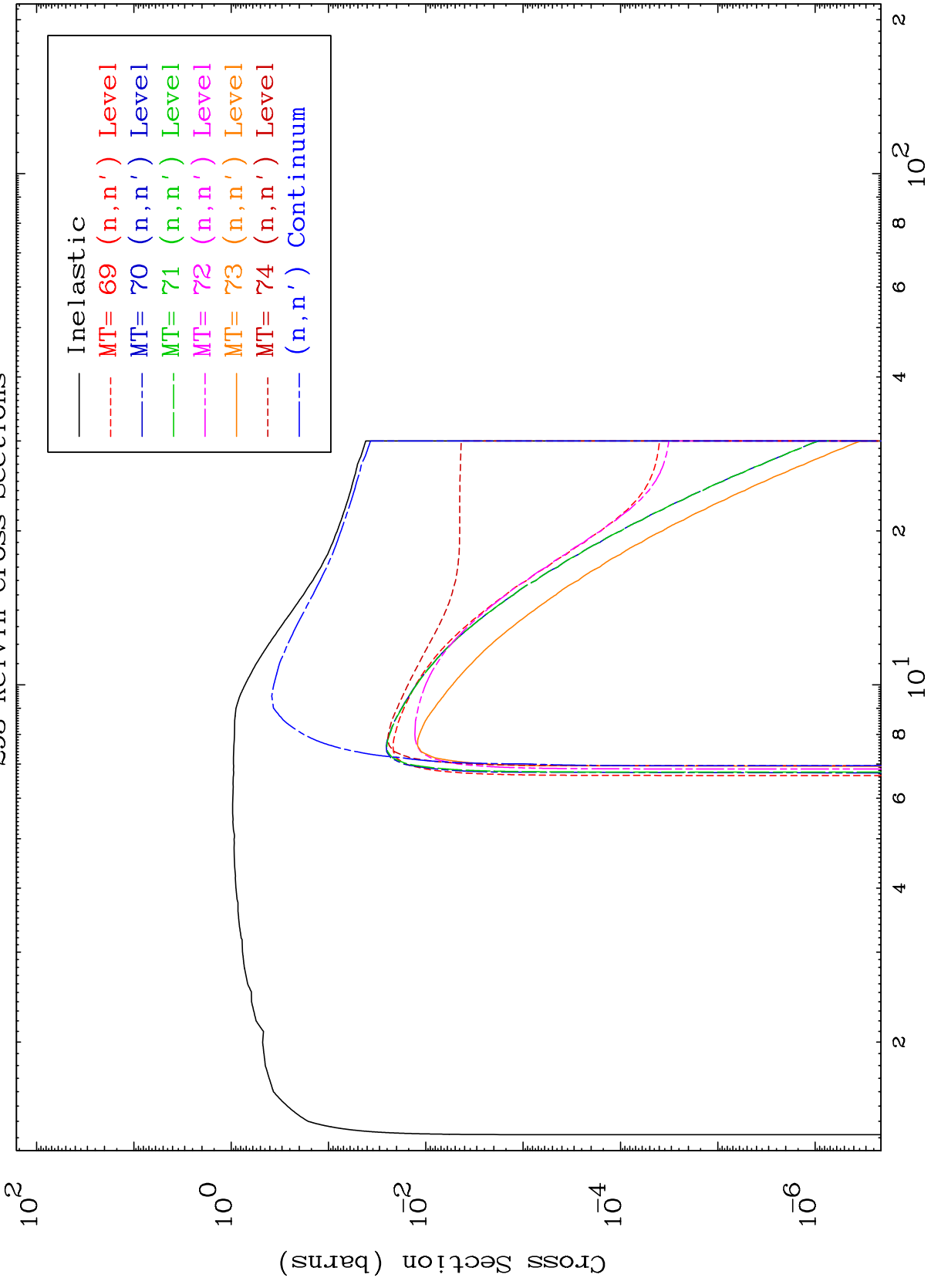




MAT 1428

(n,n') Levels
293 Kelvin Cross Sections

14-Si-29



10

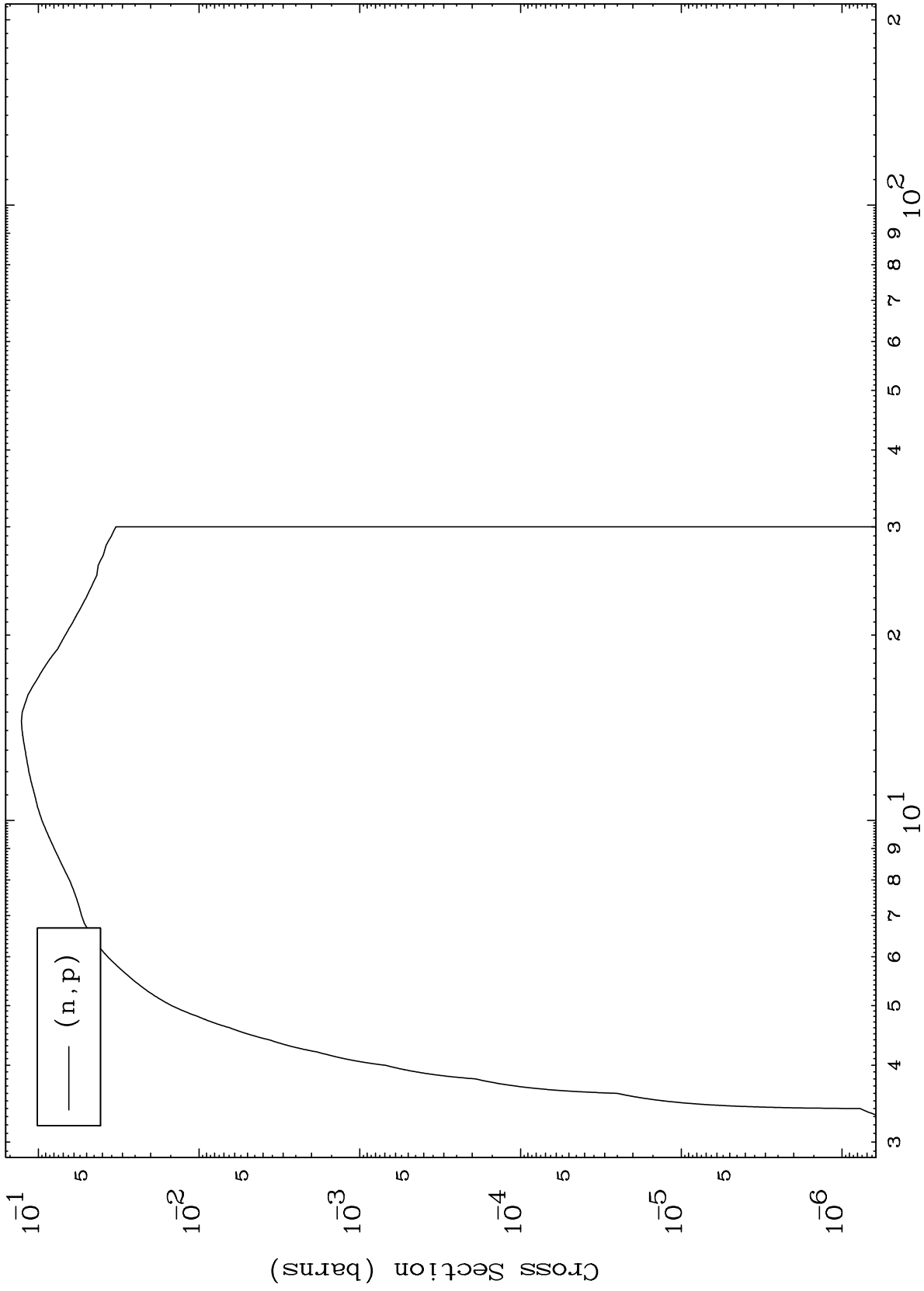
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,p) Levels
293 Kelvin Cross Sections

14-Si-29



11

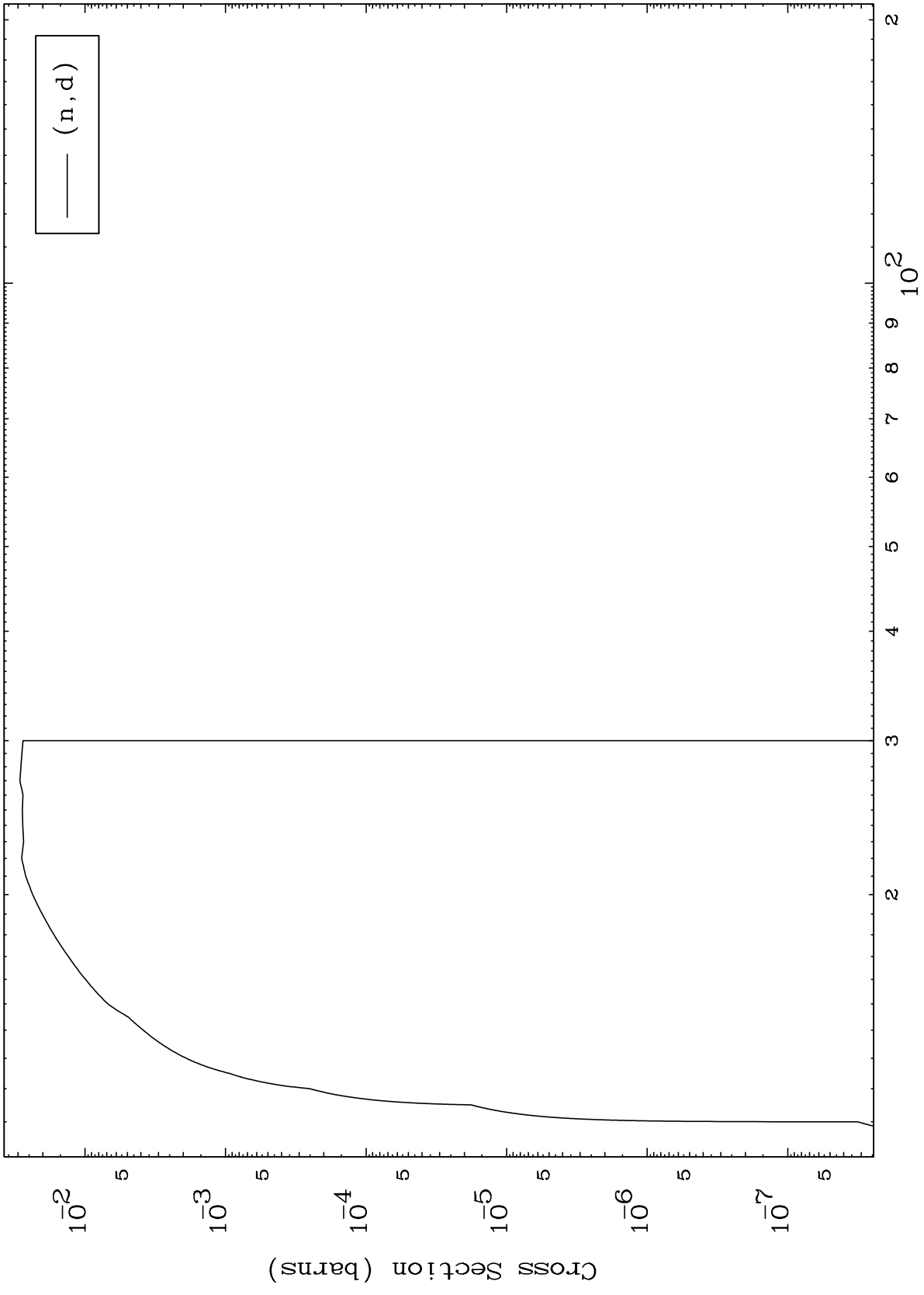
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,d) Levels
293 Kelvin Cross Sections

14-Si-29



12

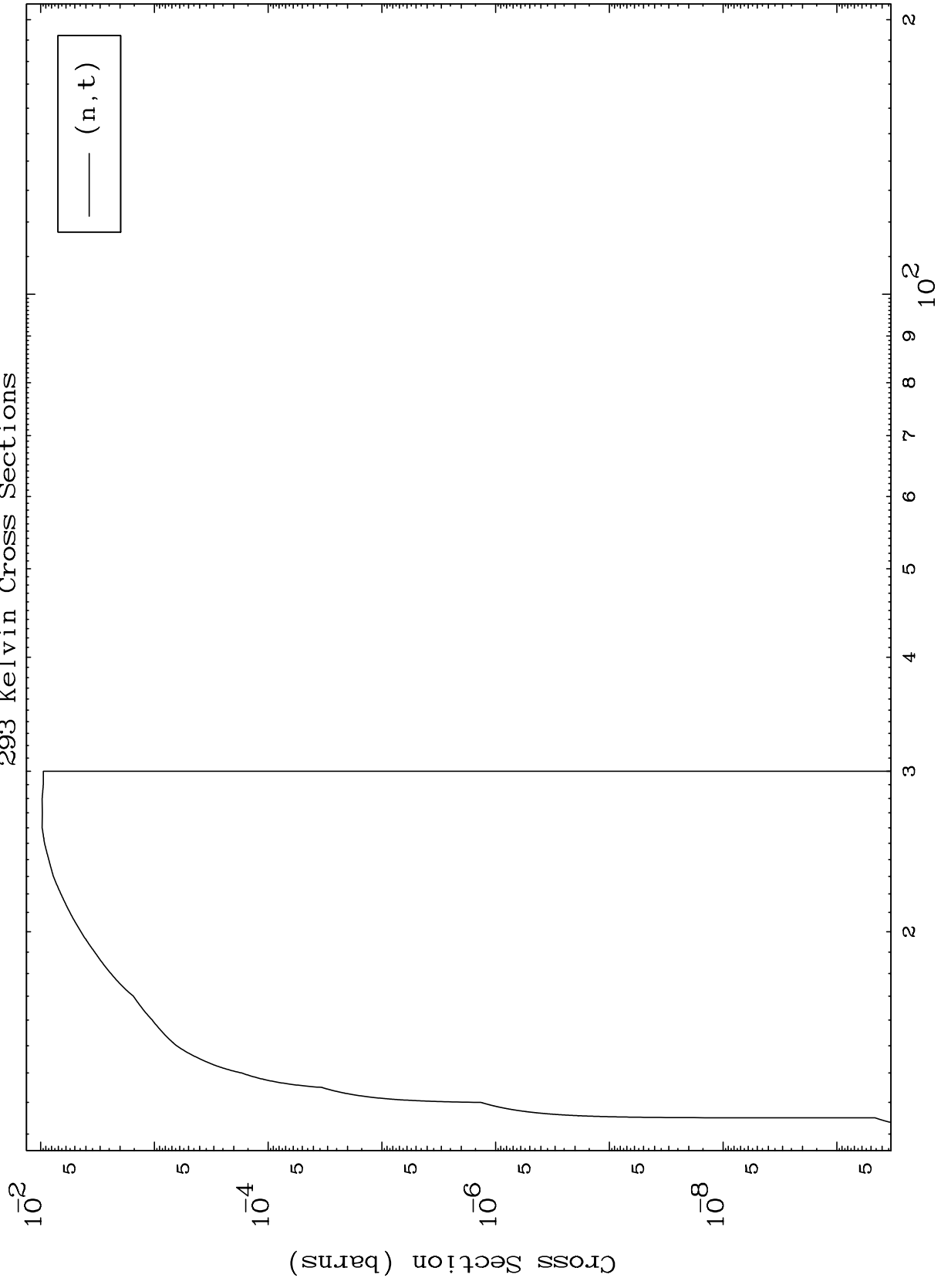
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,t) Levels
293 Kelvin Cross Sections

14-Si-29



13

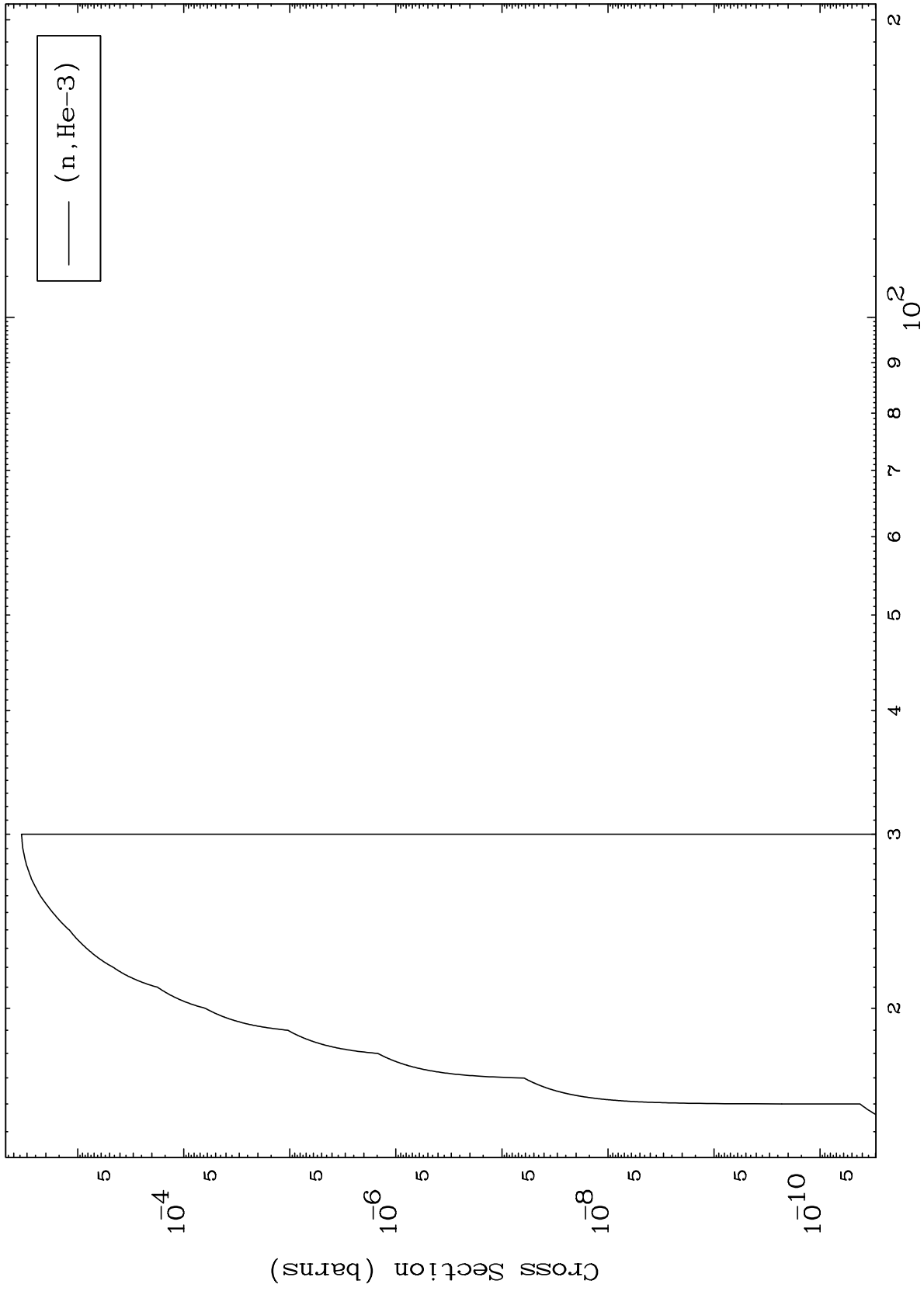
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,He3) Levels
293 Kelvin Cross Sections

14-Si-29



14

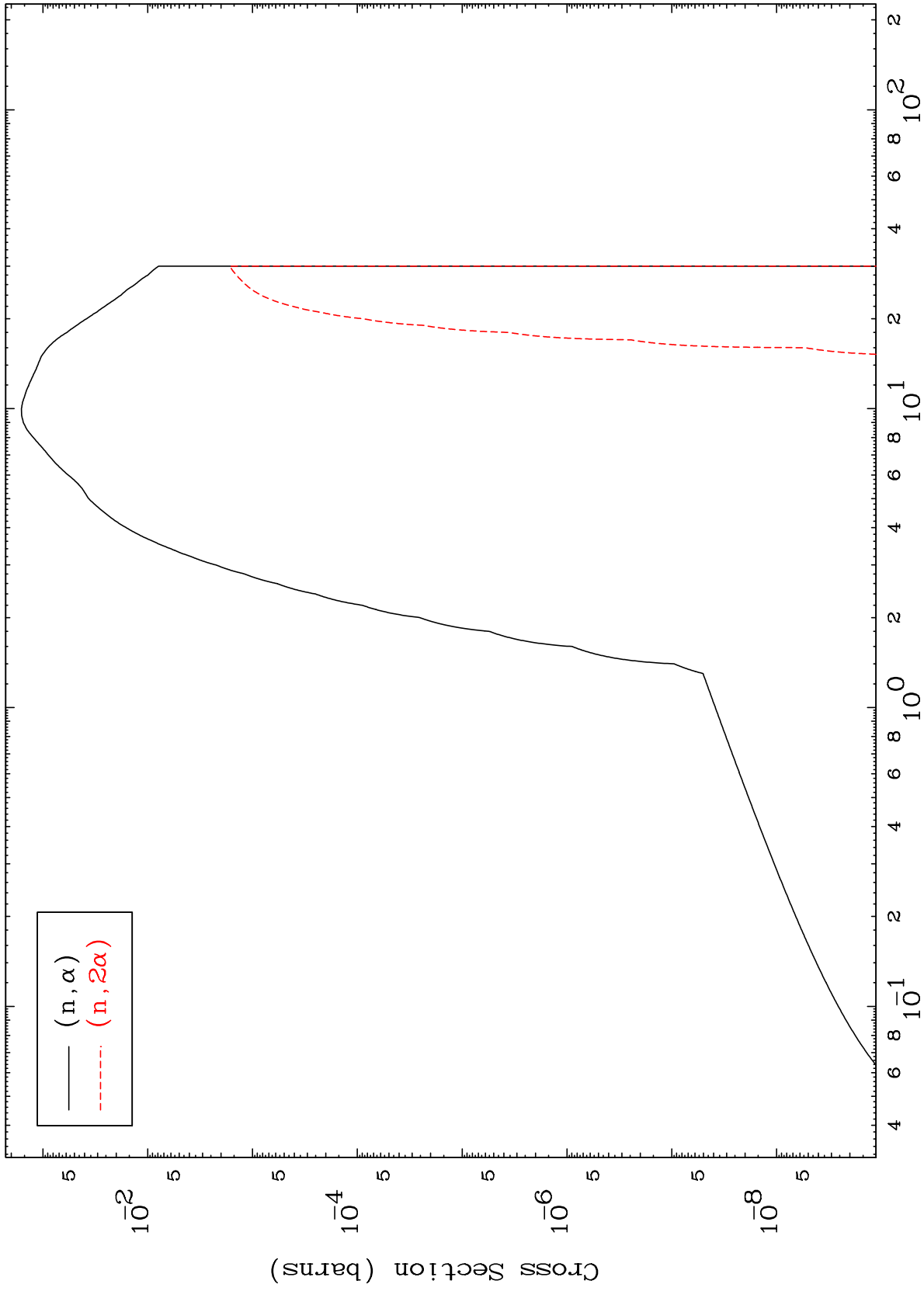
Incident Energy (MeV)

14-Si-29

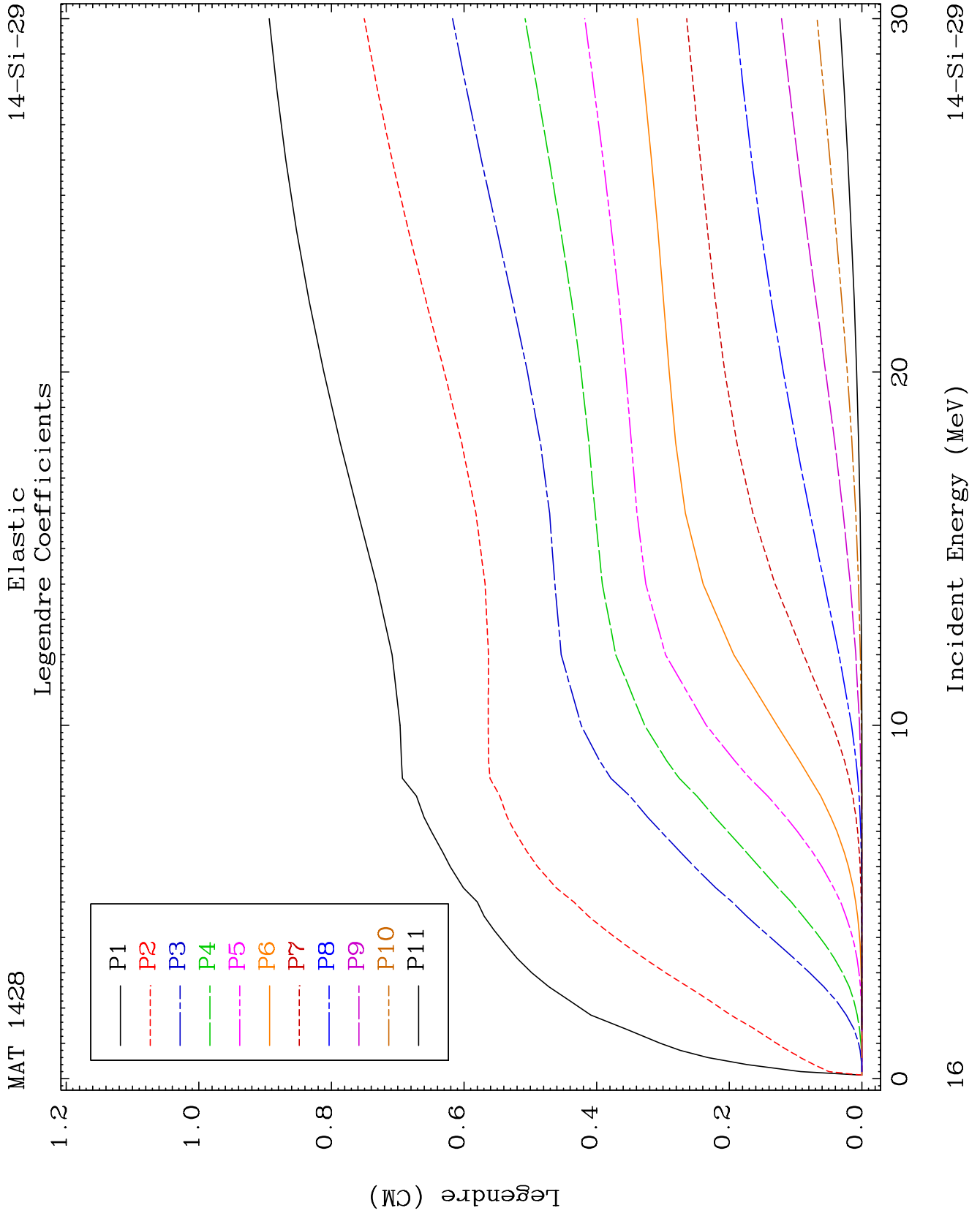
MAT 1428

(n, α) Levels
293 Kelvin Cross Sections

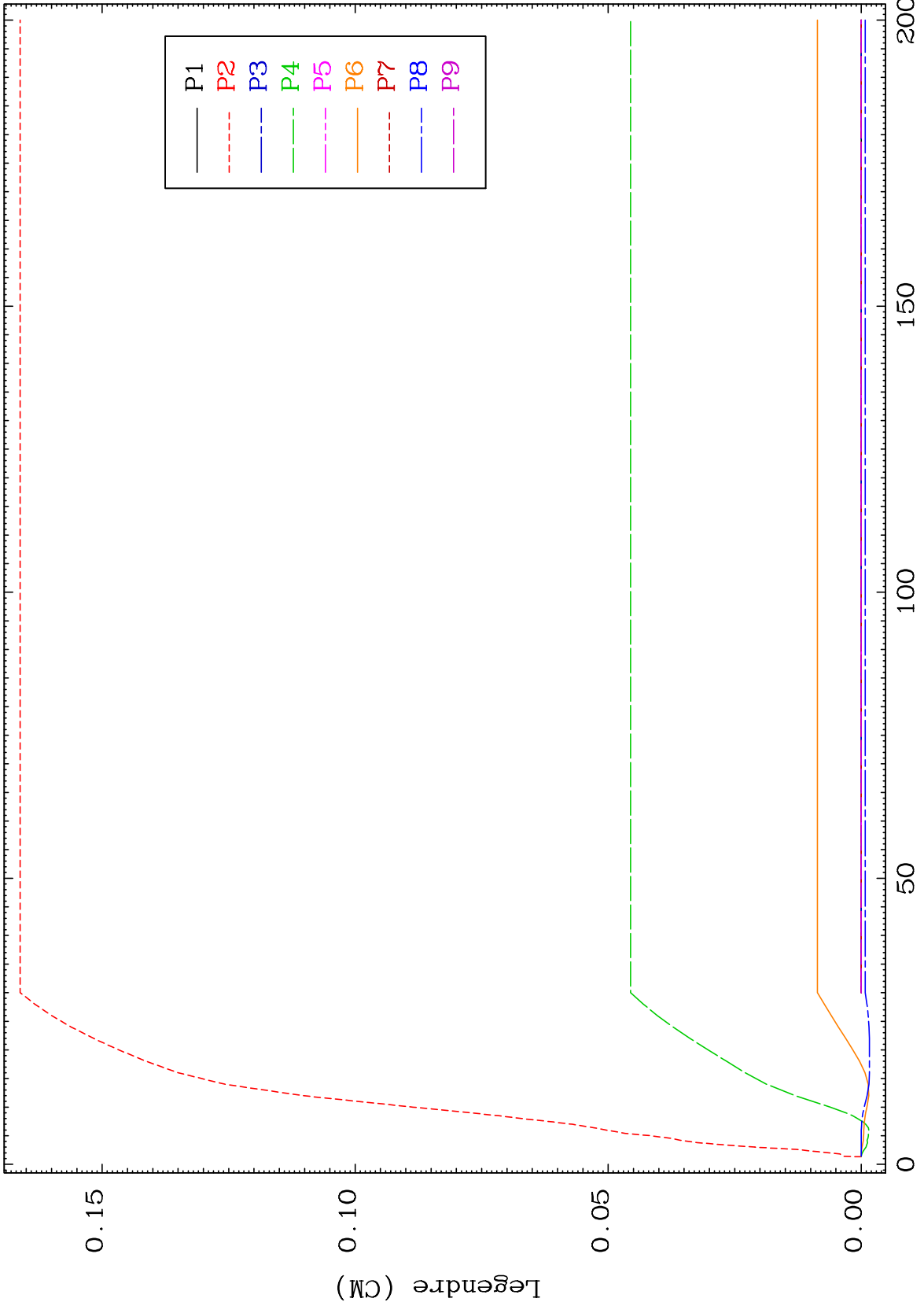
14-Si-29



— (n, α)
- - - (n, 2α)



MAT 1428 MT= 51 (n,n') Level Legendre Coefficients 14-Si-29

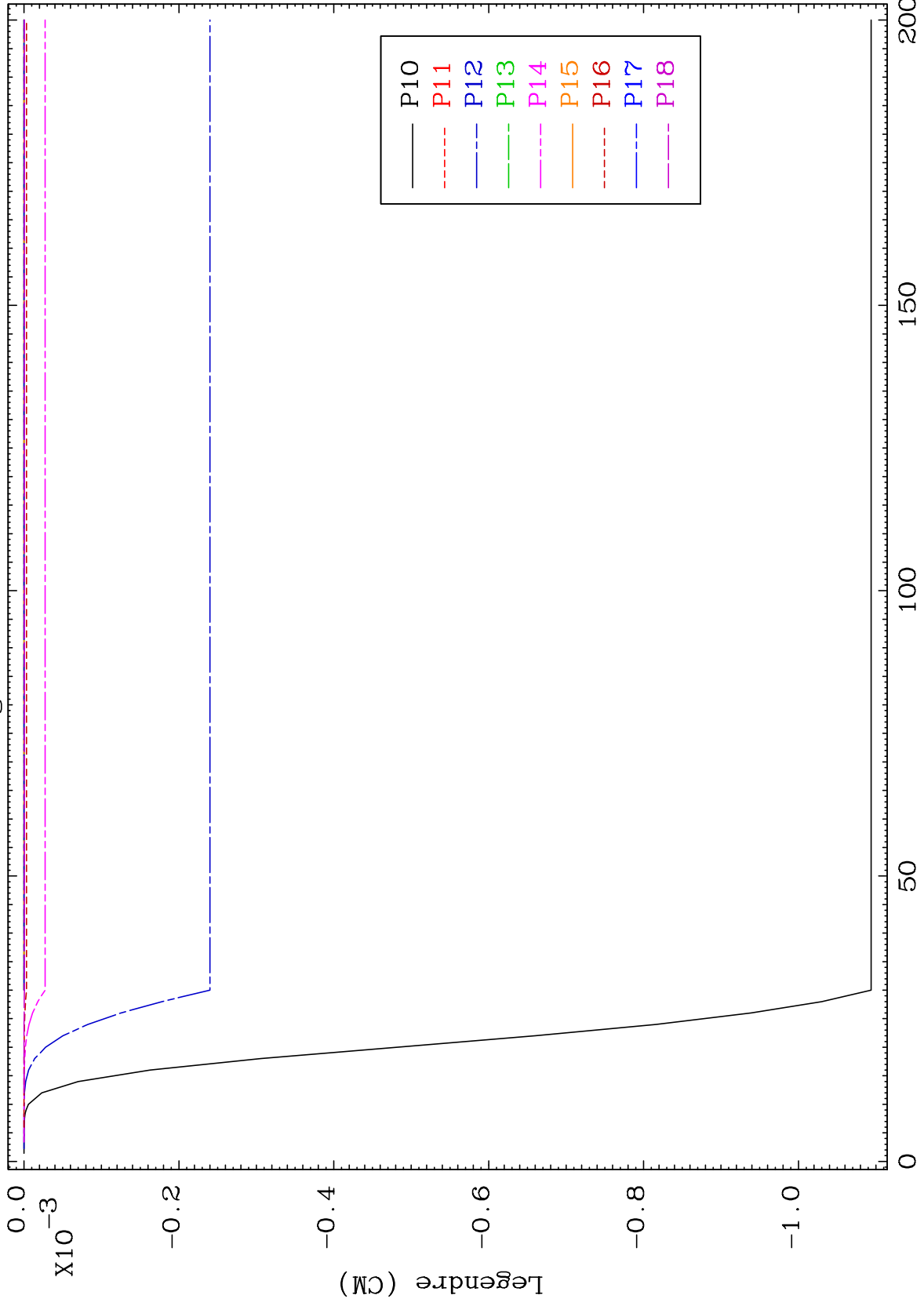


19 14-Si-29

MAT 1428

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

14-Si-29

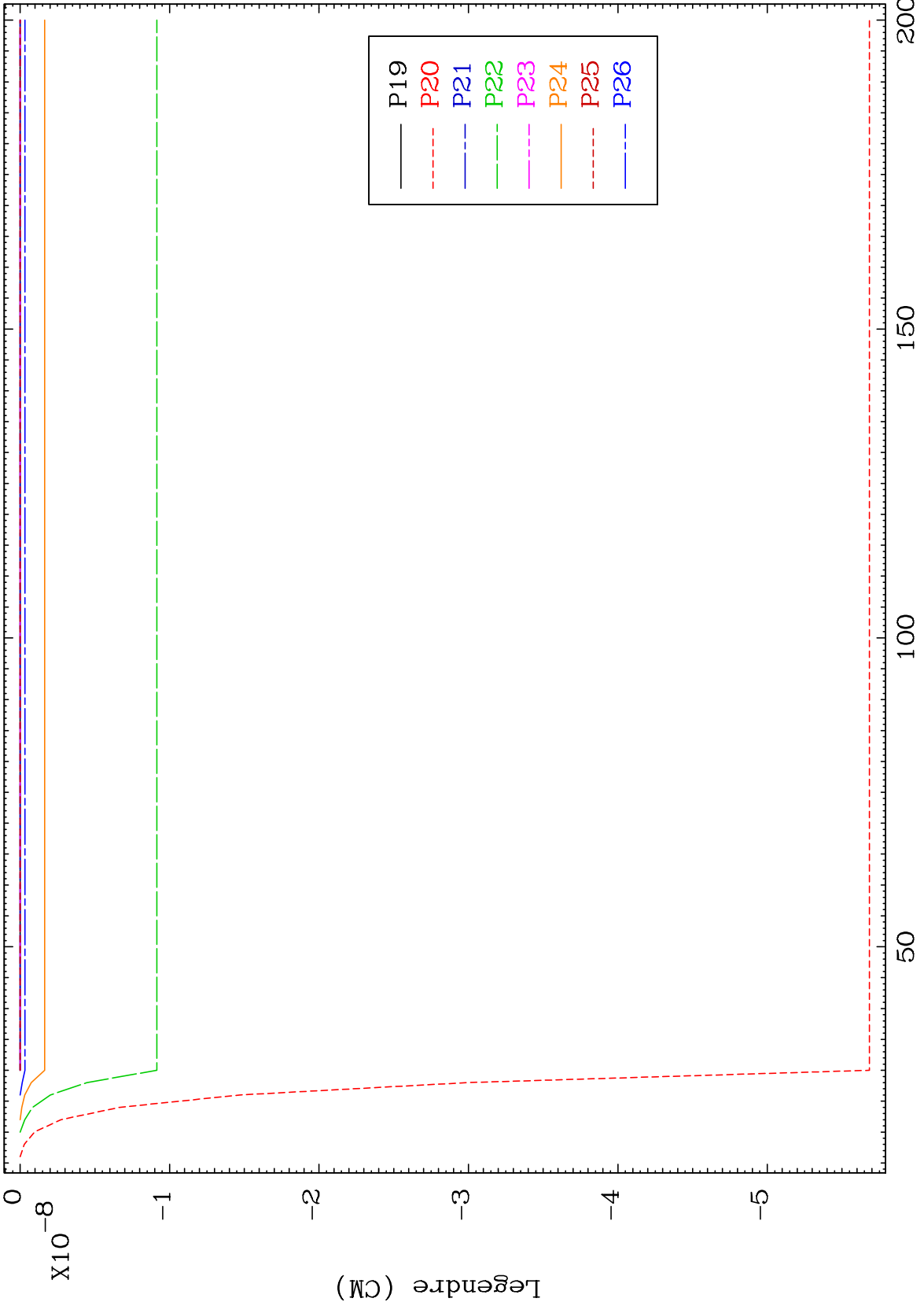


14-Si-29

Incident Energy (MeV)

20

MAT 1428 MT= 51 (n,n') Level Legendre Coefficients 14-Si-29

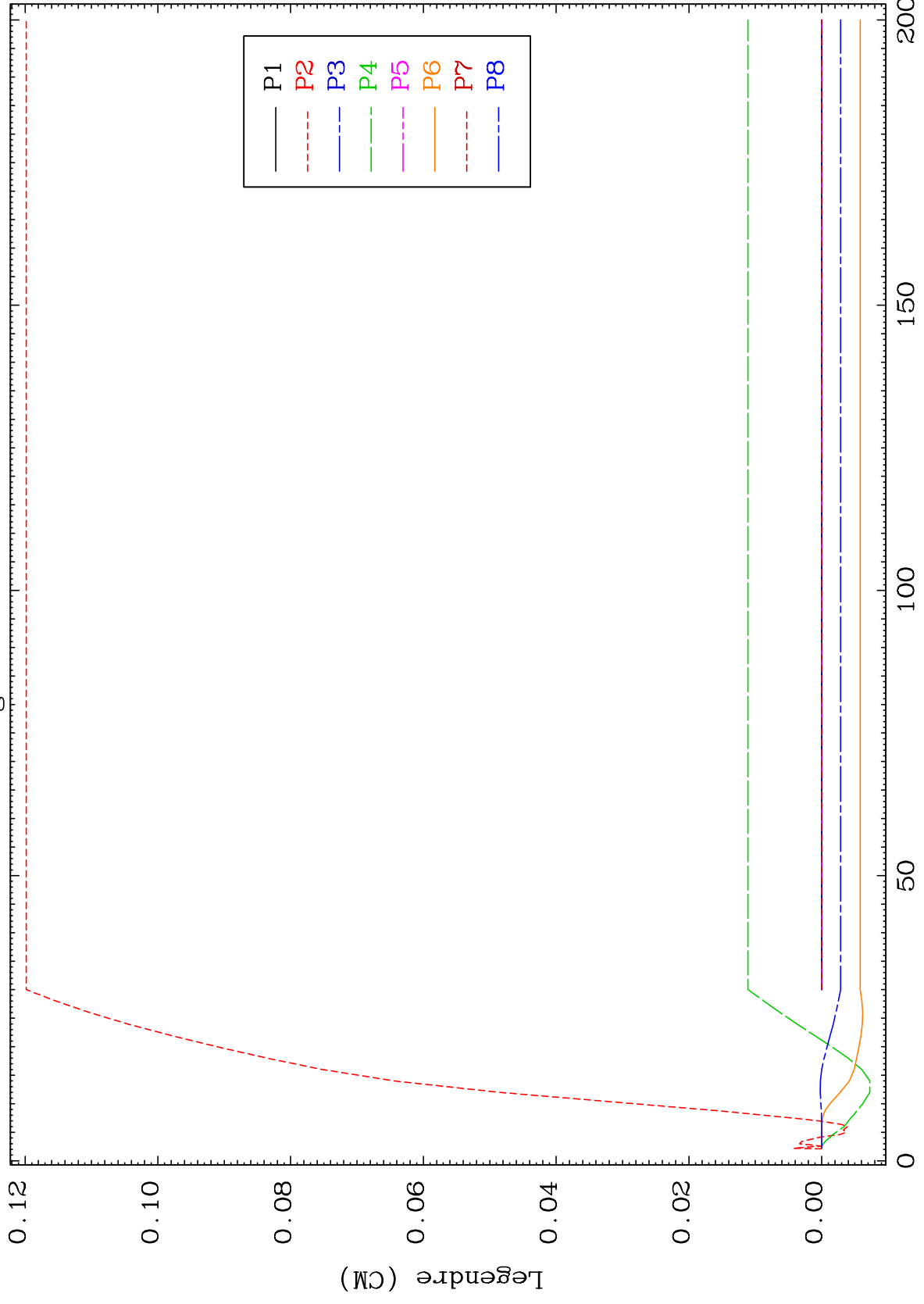


21 14-Si-29

MAT 1428 MT= 52 (n,n') Level Legendre Coefficients

14-Si-29

14-Si-29

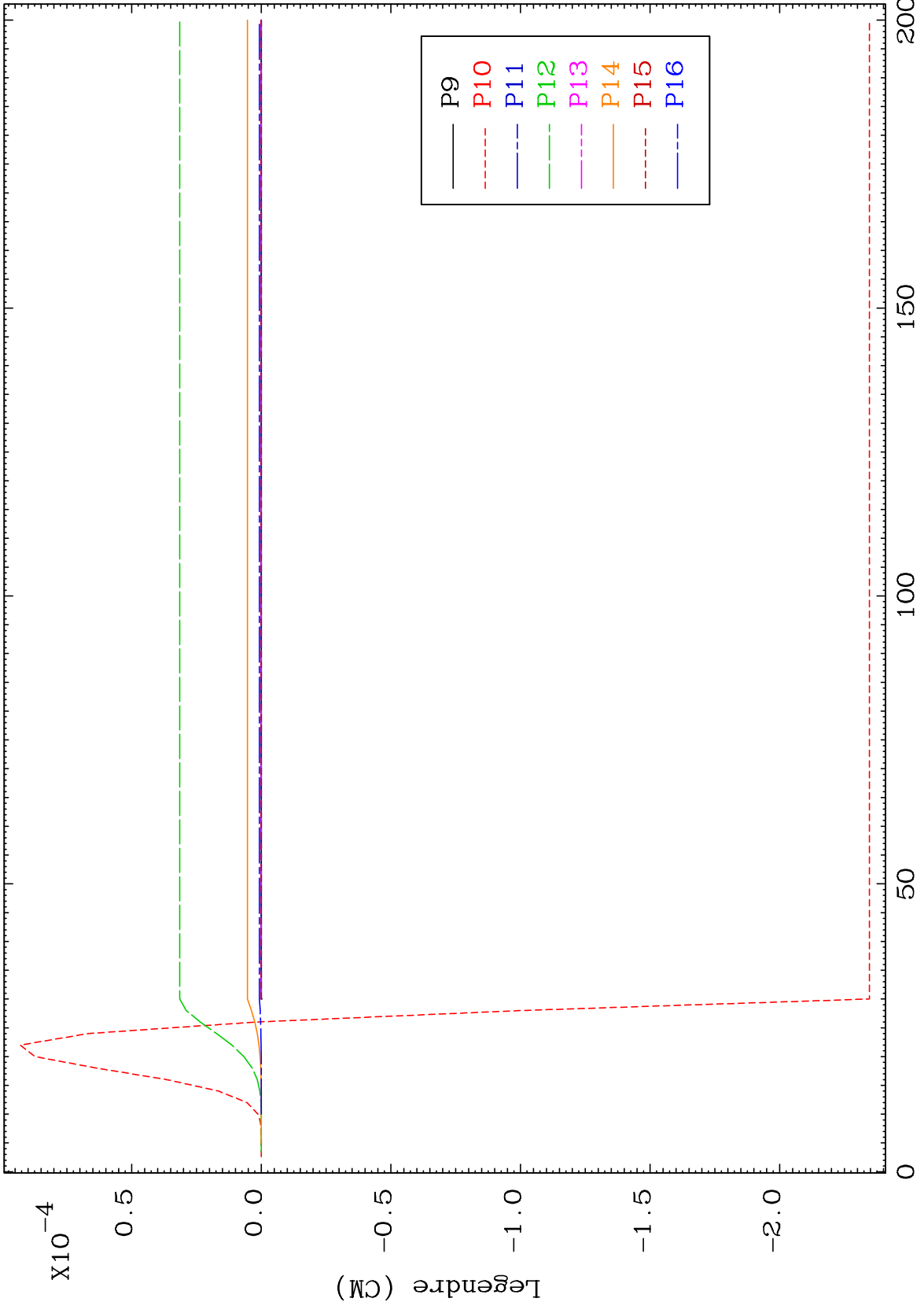


22

MAT 1428

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

14-Si-29

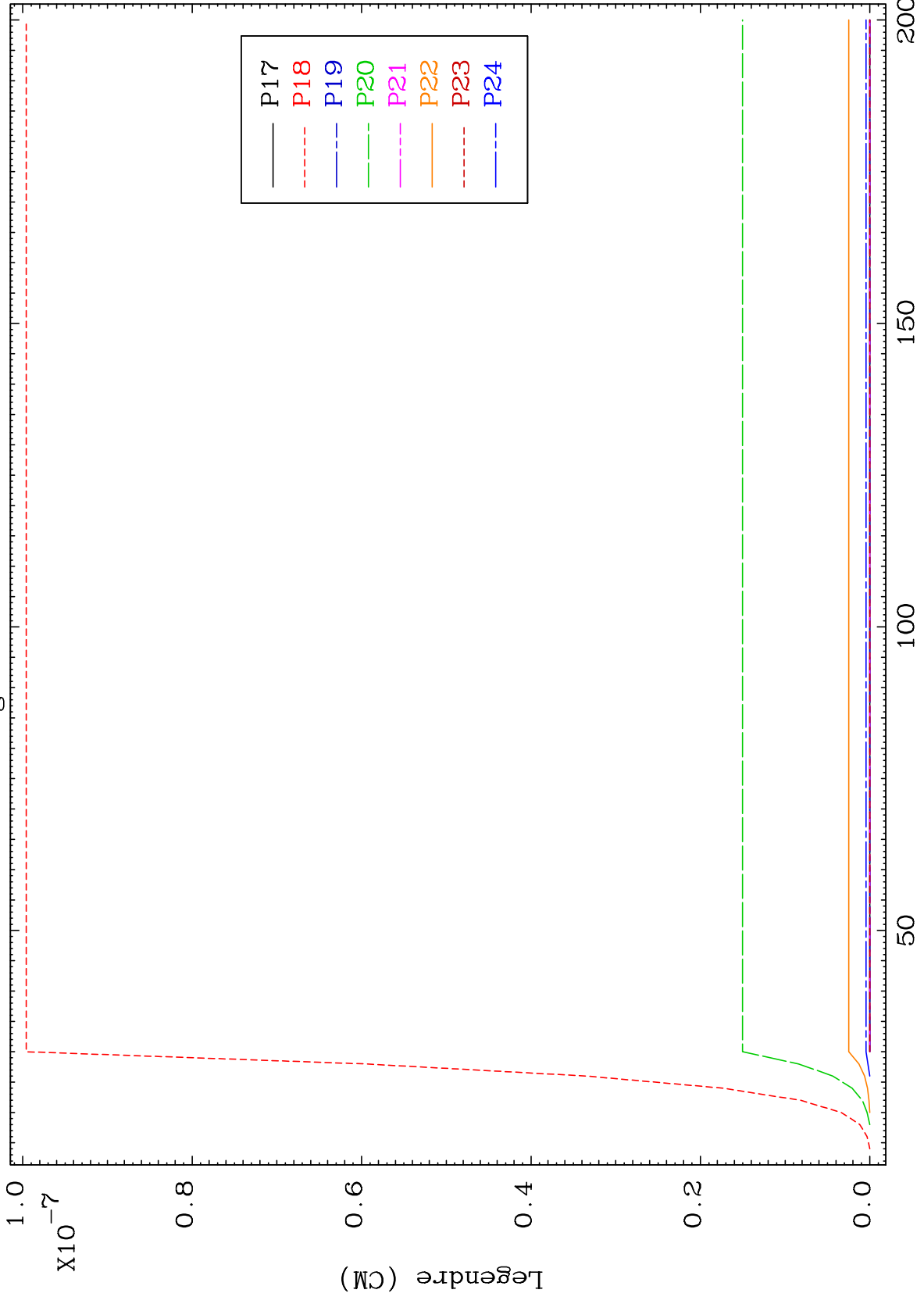


23

Incident Energy (MeV)

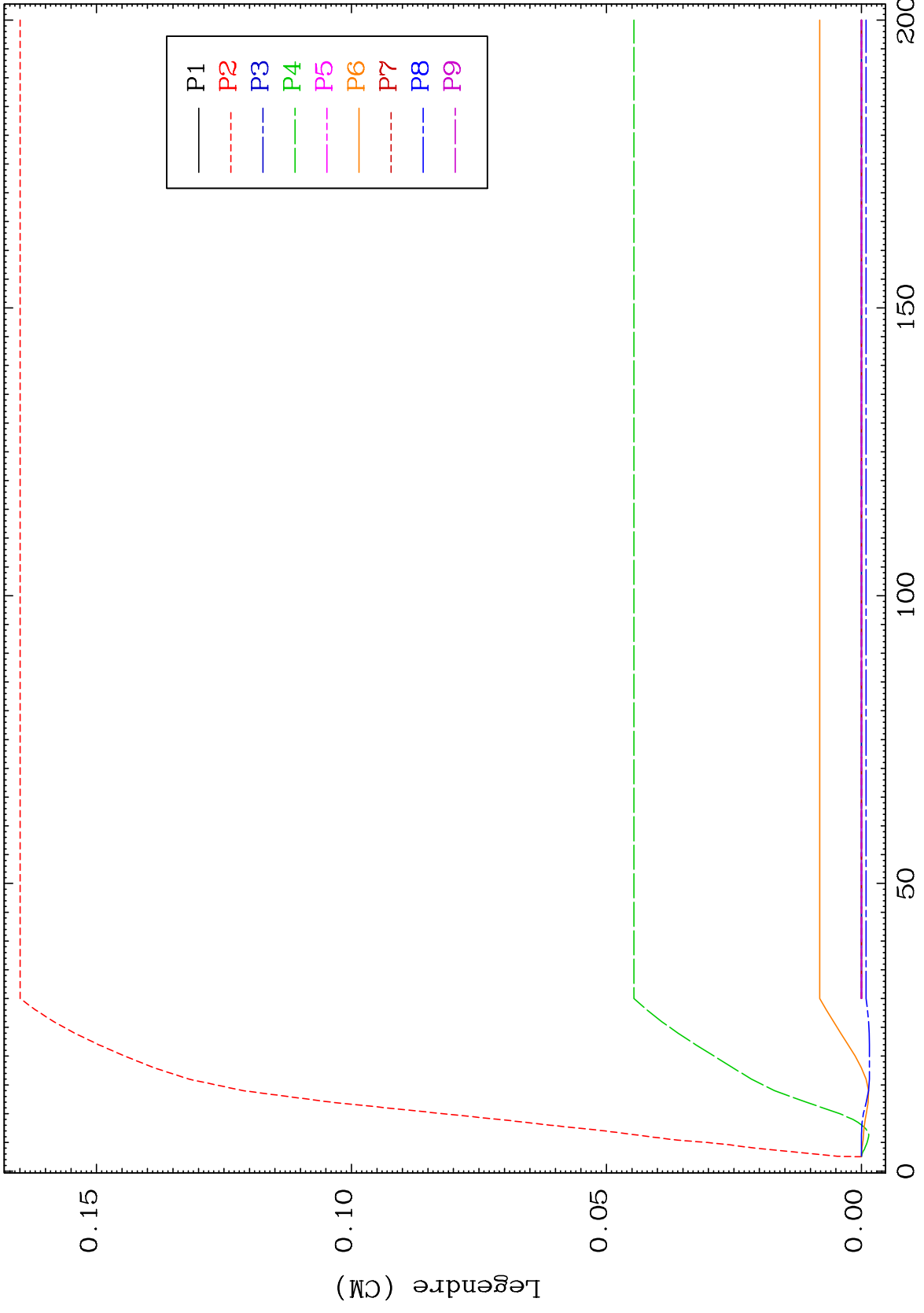
14-Si-29

MAT 1428 MT= 52 (n,n') Level Legendre Coefficients 14-Si-29



24 50 100 150 200 14-Si-29

MAT 1428 MT= 53 (n,n') Level Legendre Coefficients 14-Si-29



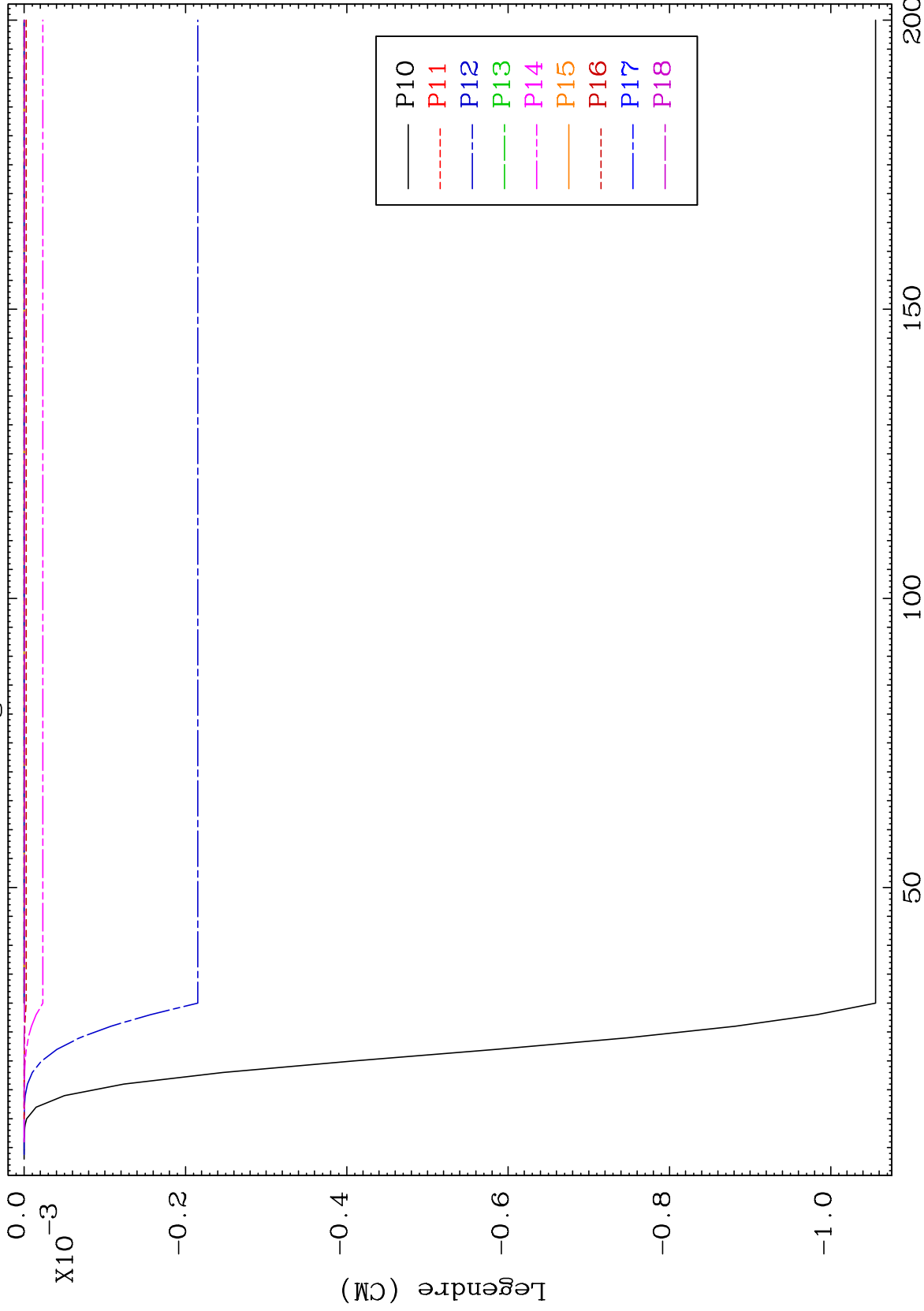
14-Si-29

MAT 1428

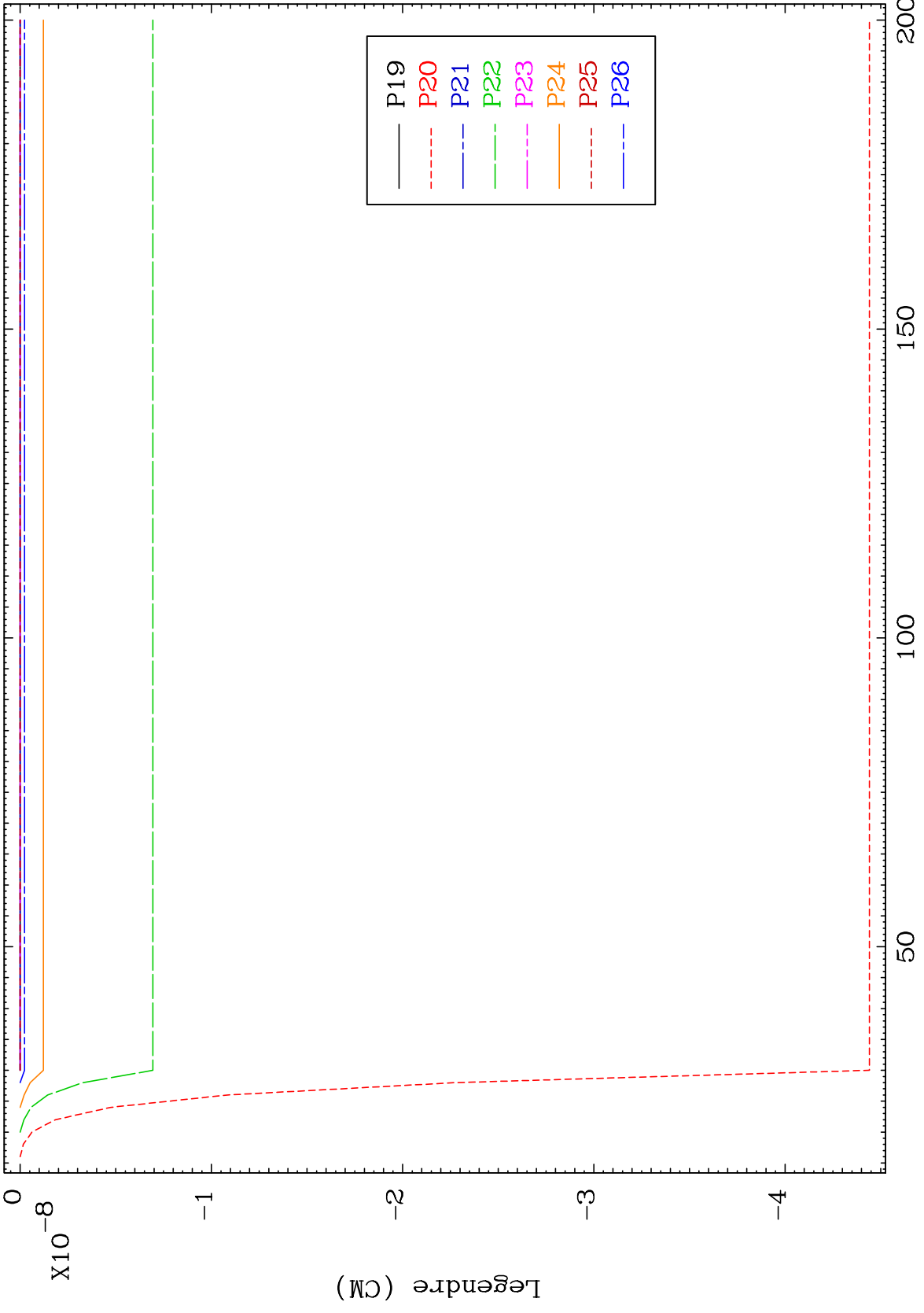
MT= 53 (n,n') Level
Legendre Coefficients

14-Si-29

14-Si-29

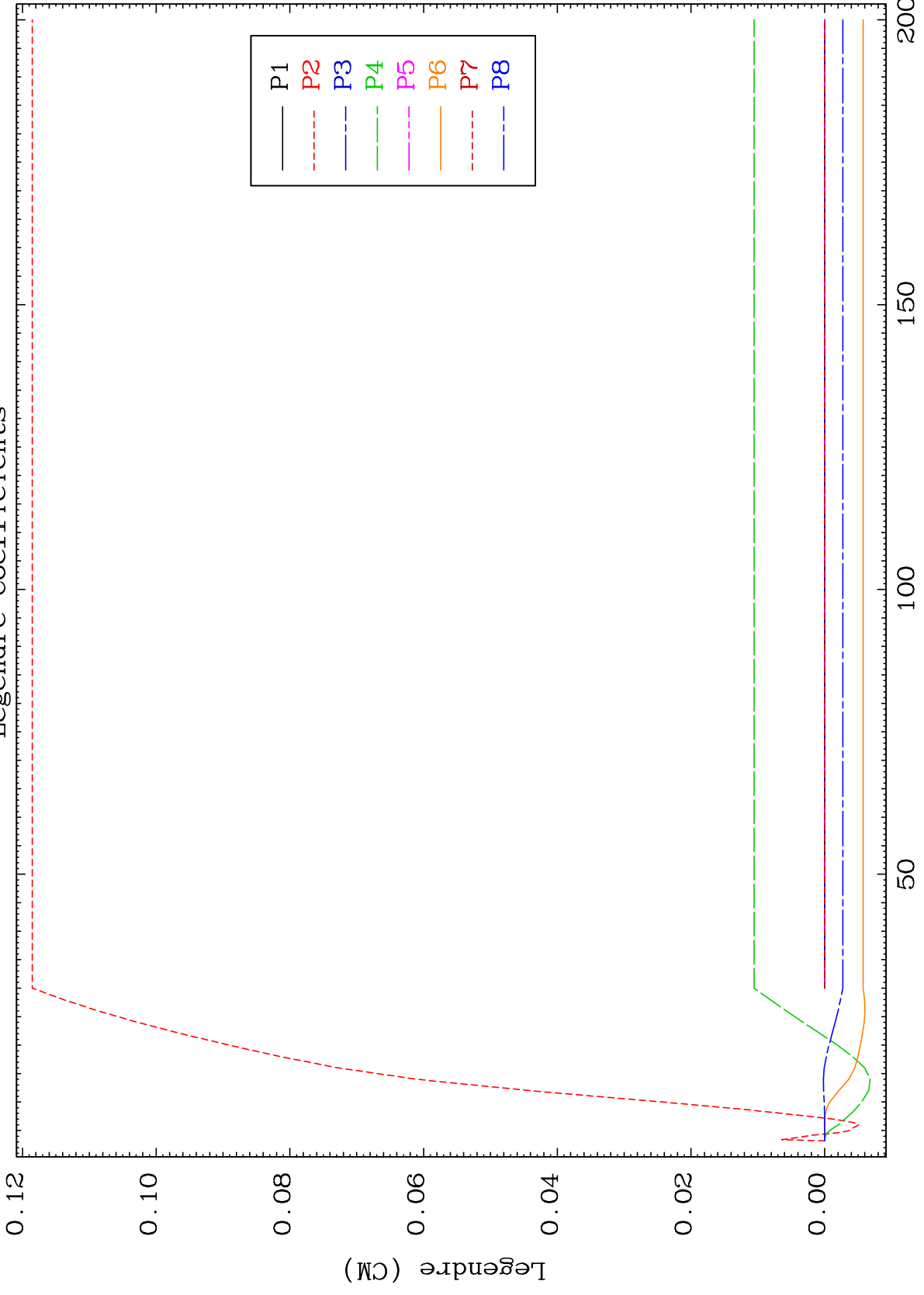


MAT 1428 MT= 53 (n,n') Level Legendre Coefficients 14-Si-29



27 Incident Energy (MeV) 14-Si-29

MAT 1428 MT= 54 (n,n') Level Legendre Coefficients 14-Si-29

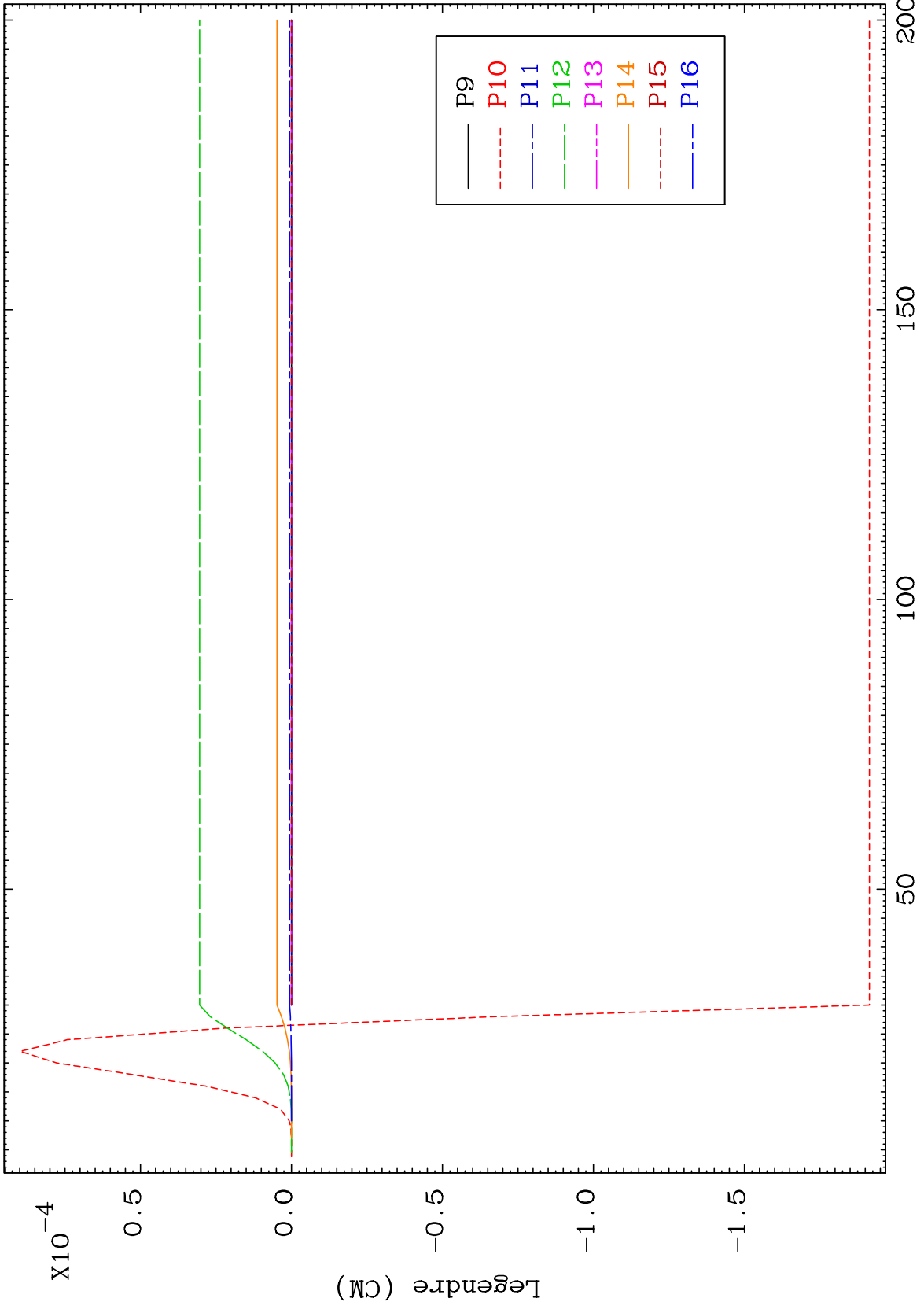


28 Incident Energy (MeV) 14-Si-29

MAT 1428

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

14-Si-29

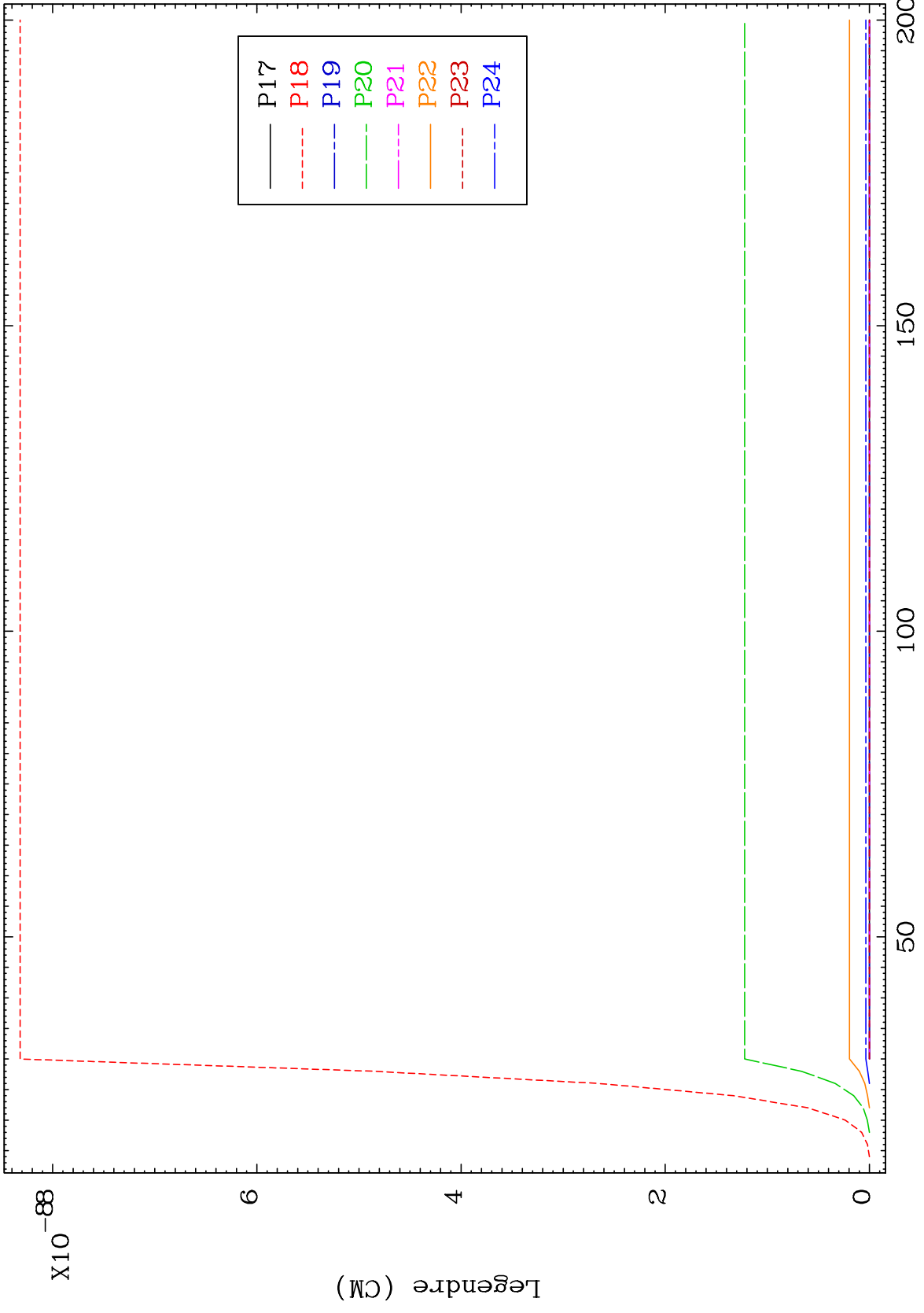


29

Incident Energy (MeV)

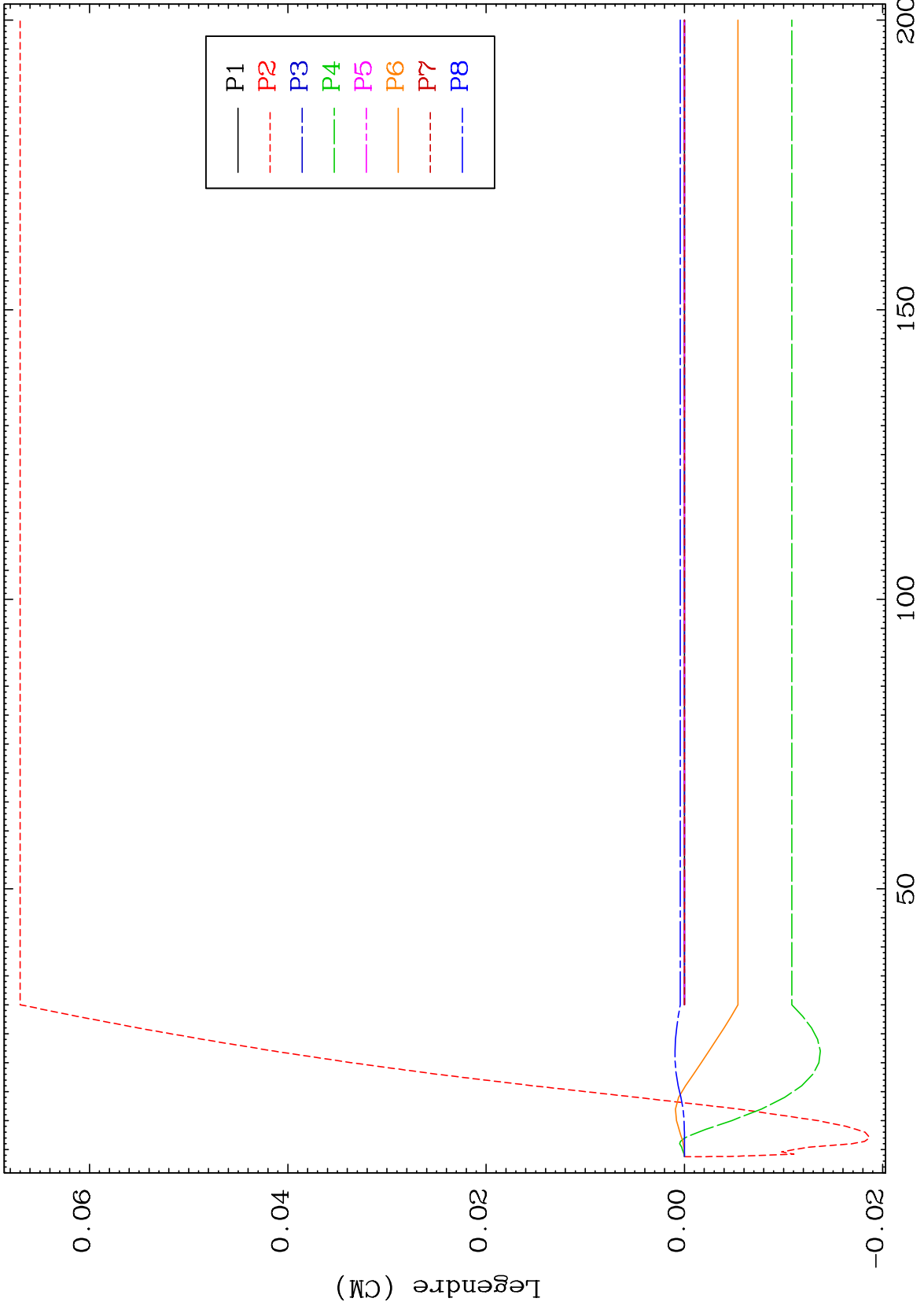
14-Si-29

MAT 1428 MT= 54 (n,n') Level Legendre Coefficients 14-Si-29

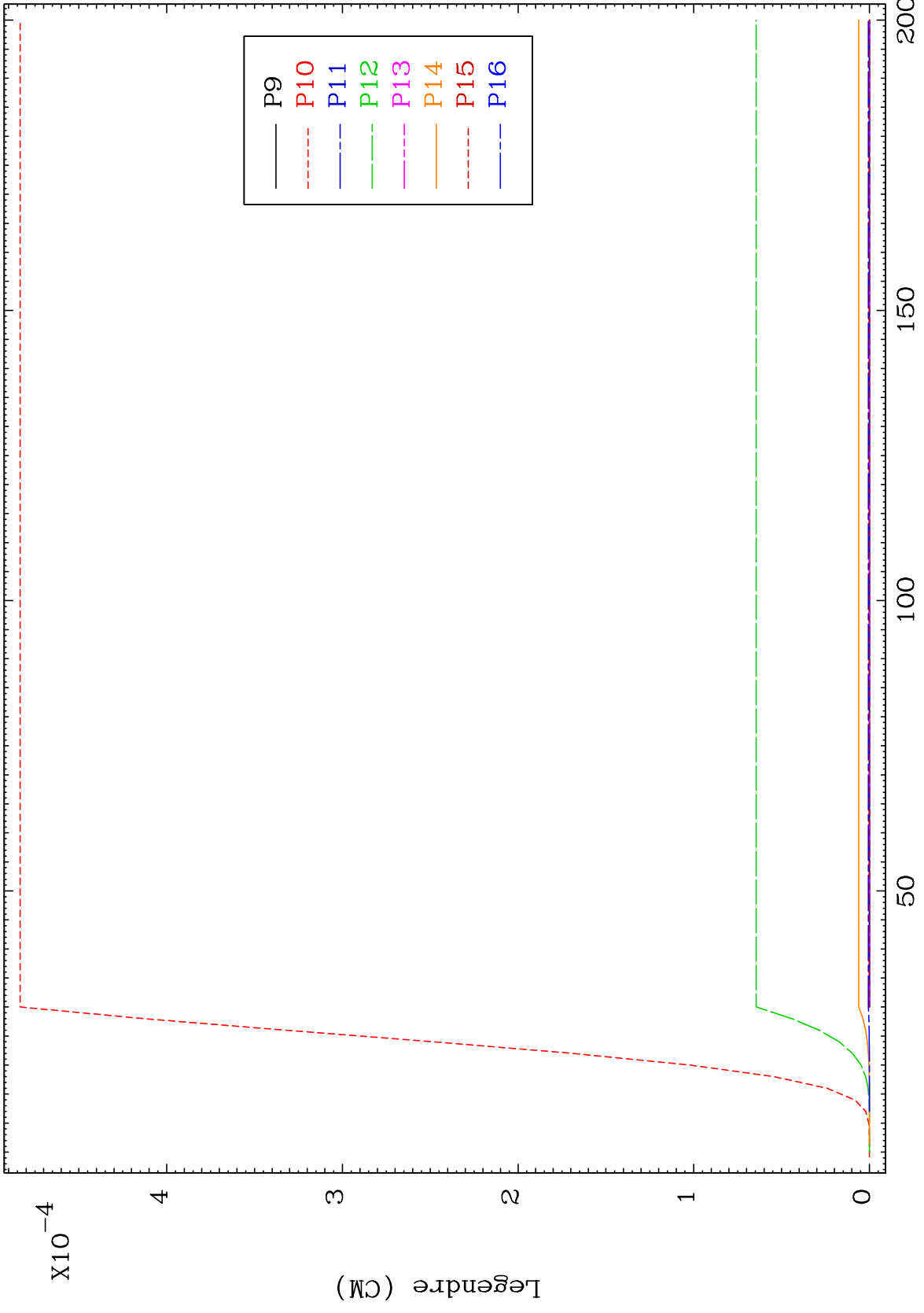


14-Si-29

MAT 1428 MT= 55 (n,n') Level Legendre Coefficients 14-Si-29

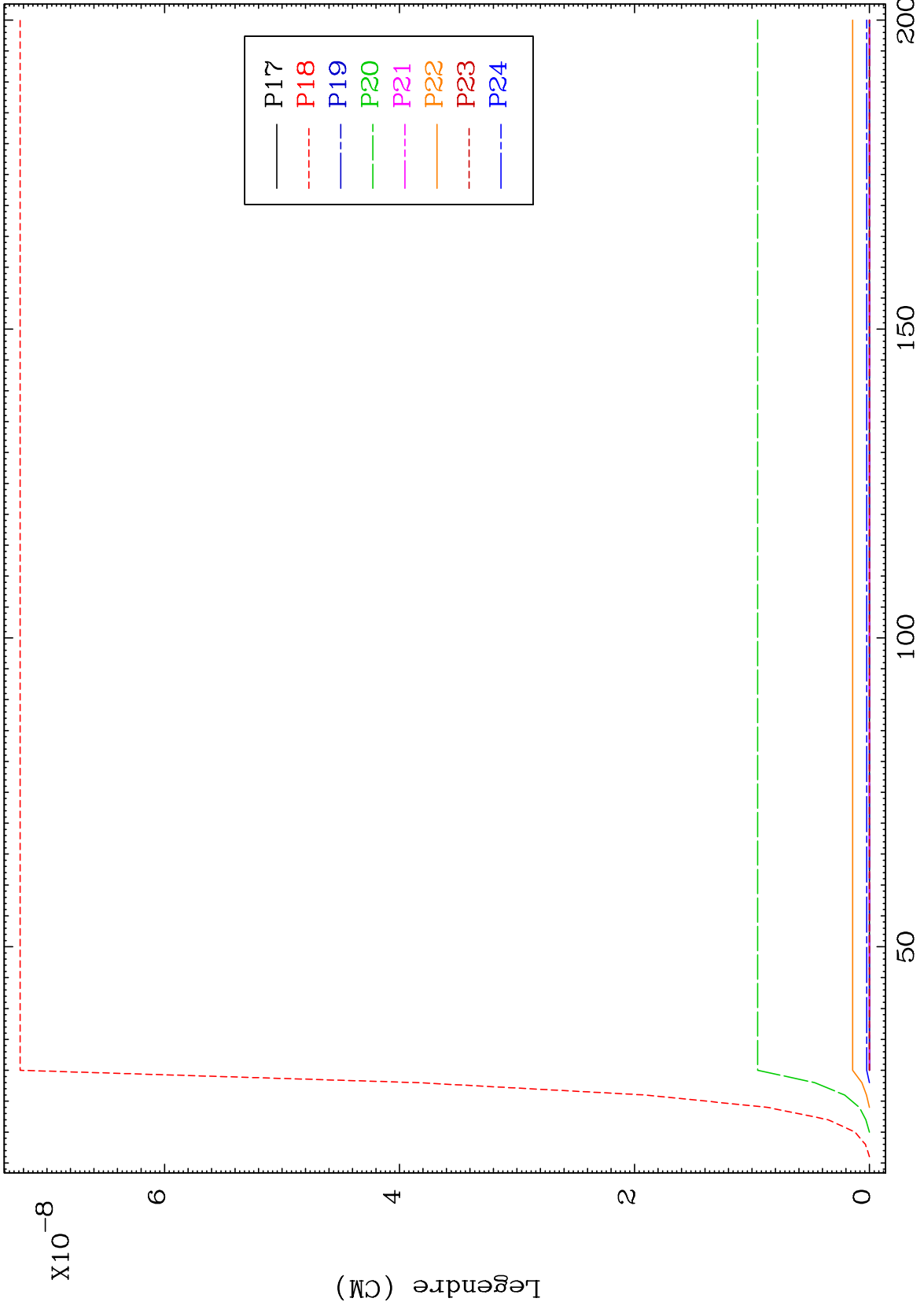


MAT 1428 MT= 55 (n,n') Level Legendre Coefficients 14-Si-29



32 Incident Energy (MeV) 14-Si-29

MAT 1428 MT= 55 (n,n') Level Legendre Coefficients 14-Si-29

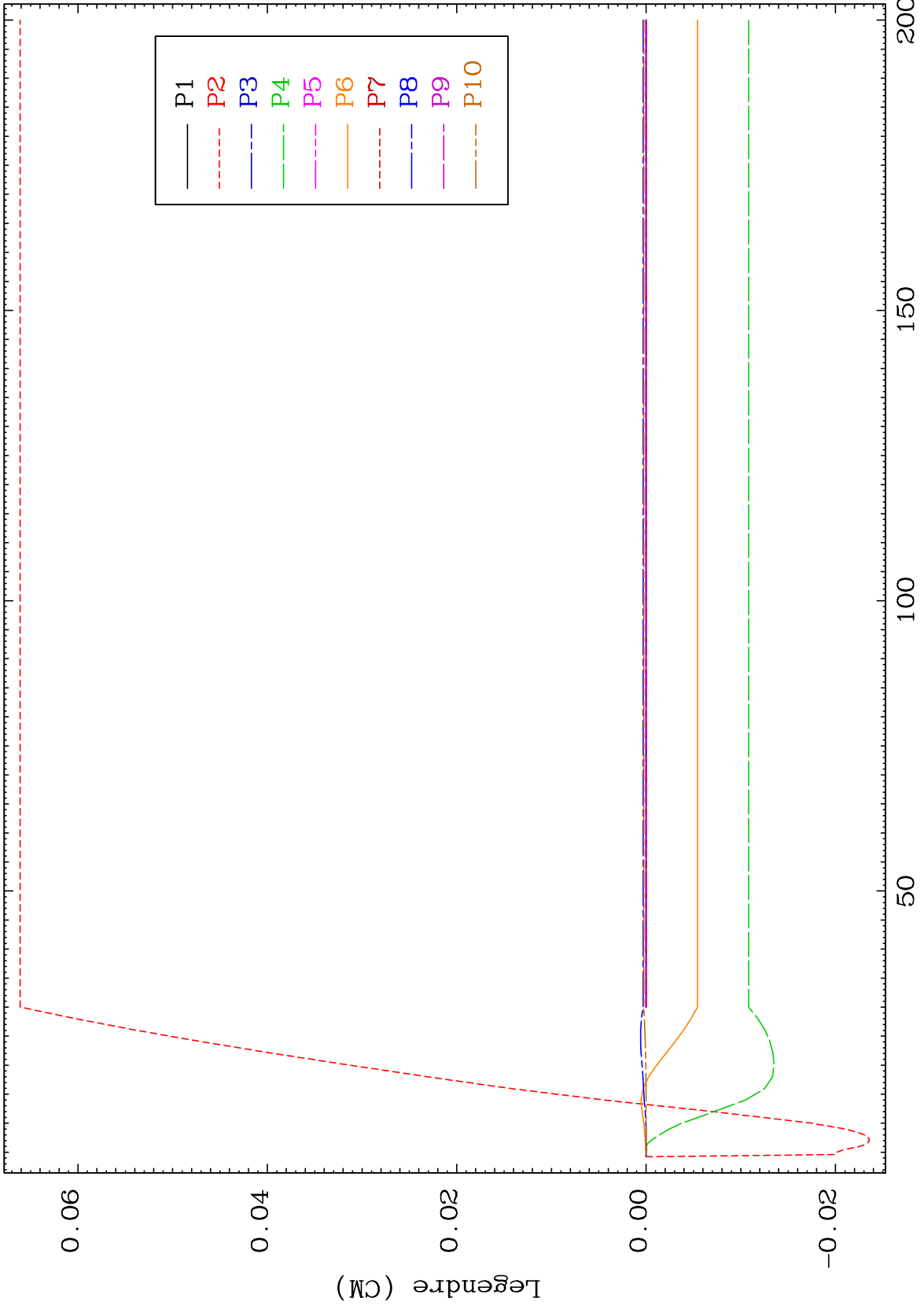


33 Incident Energy (MeV) 14-Si-29

MAT 1428 MT= 56 (n,n') Level Legendre Coefficients

14-Si-29

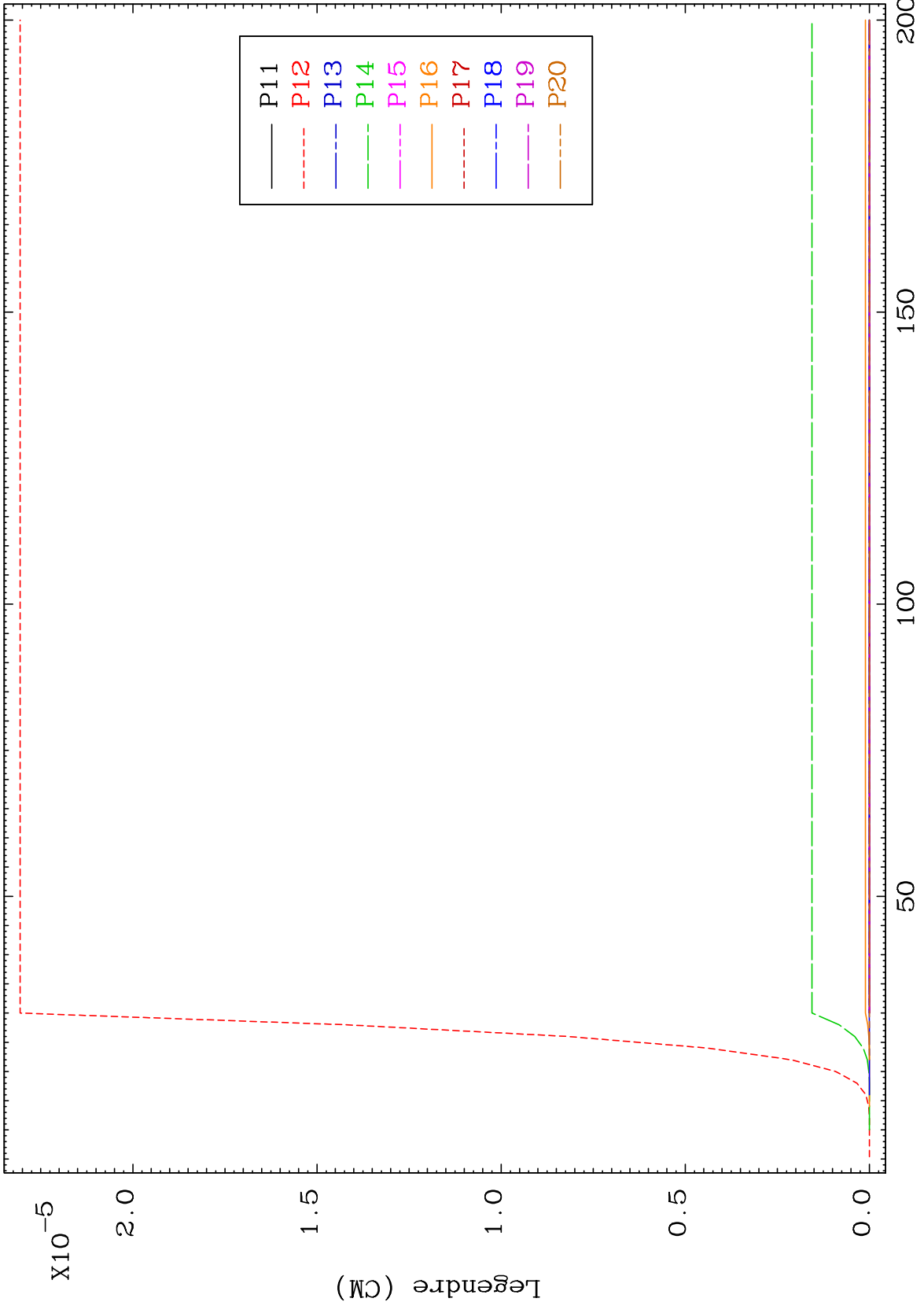
14-Si-29



34

Incident Energy (MeV)

MAT 1428 MT= 56 (n,n') Level Legendre Coefficients 14-Si-29

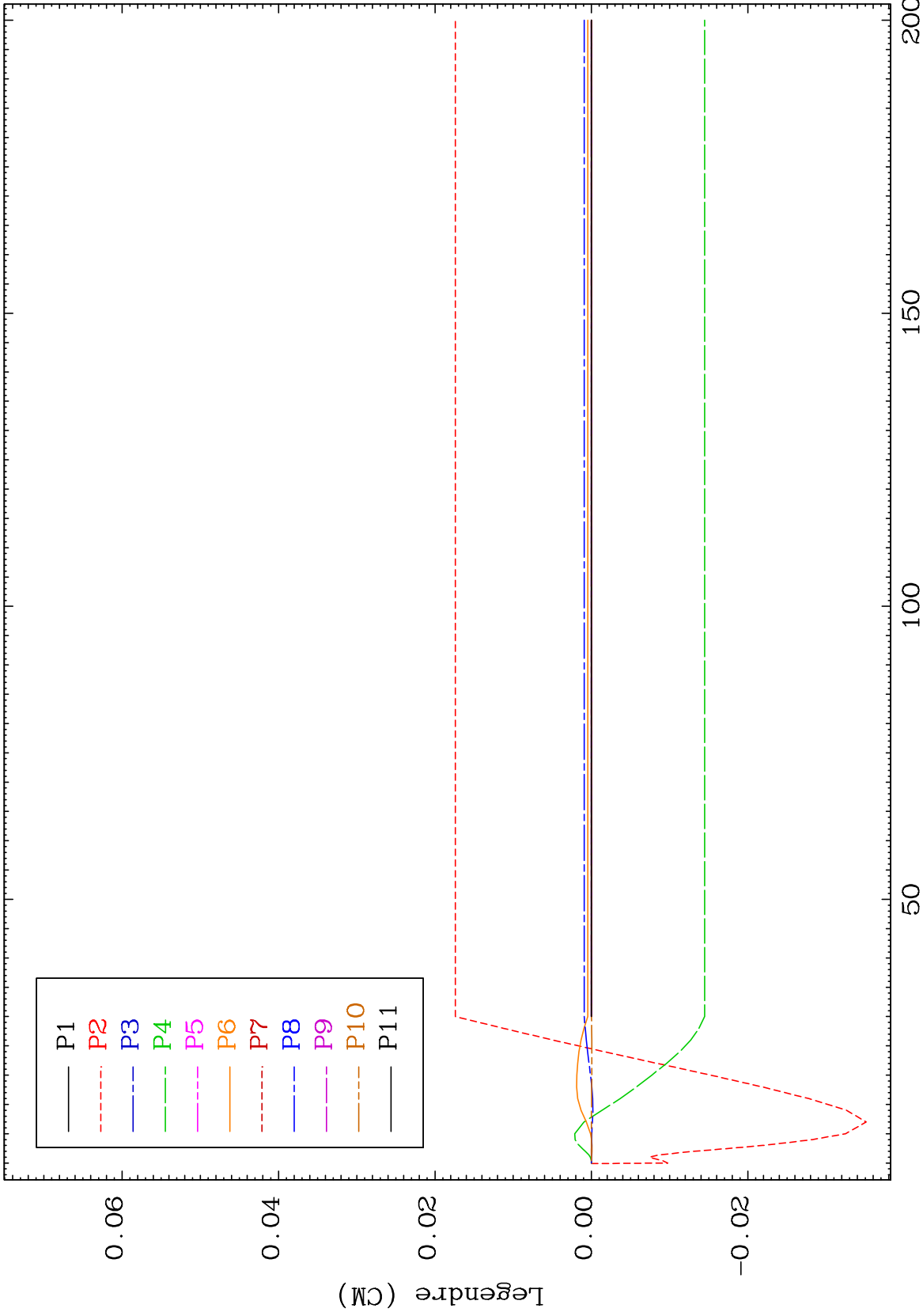


35 Incident Energy (MeV) 14-Si-29

MAT 1428

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

14-Si-29



36

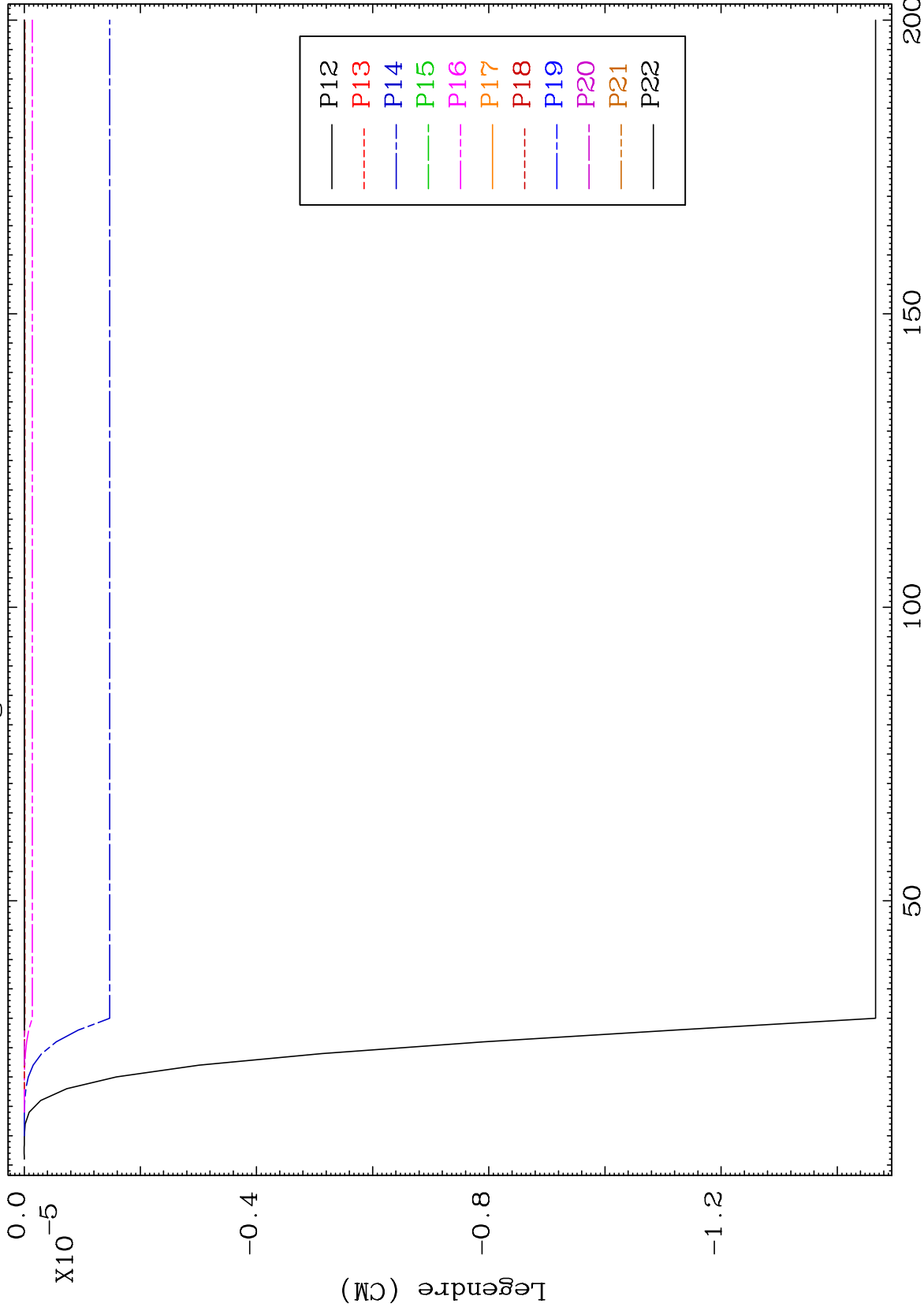
Incident Energy (MeV)

14-Si-29

MAT 1428

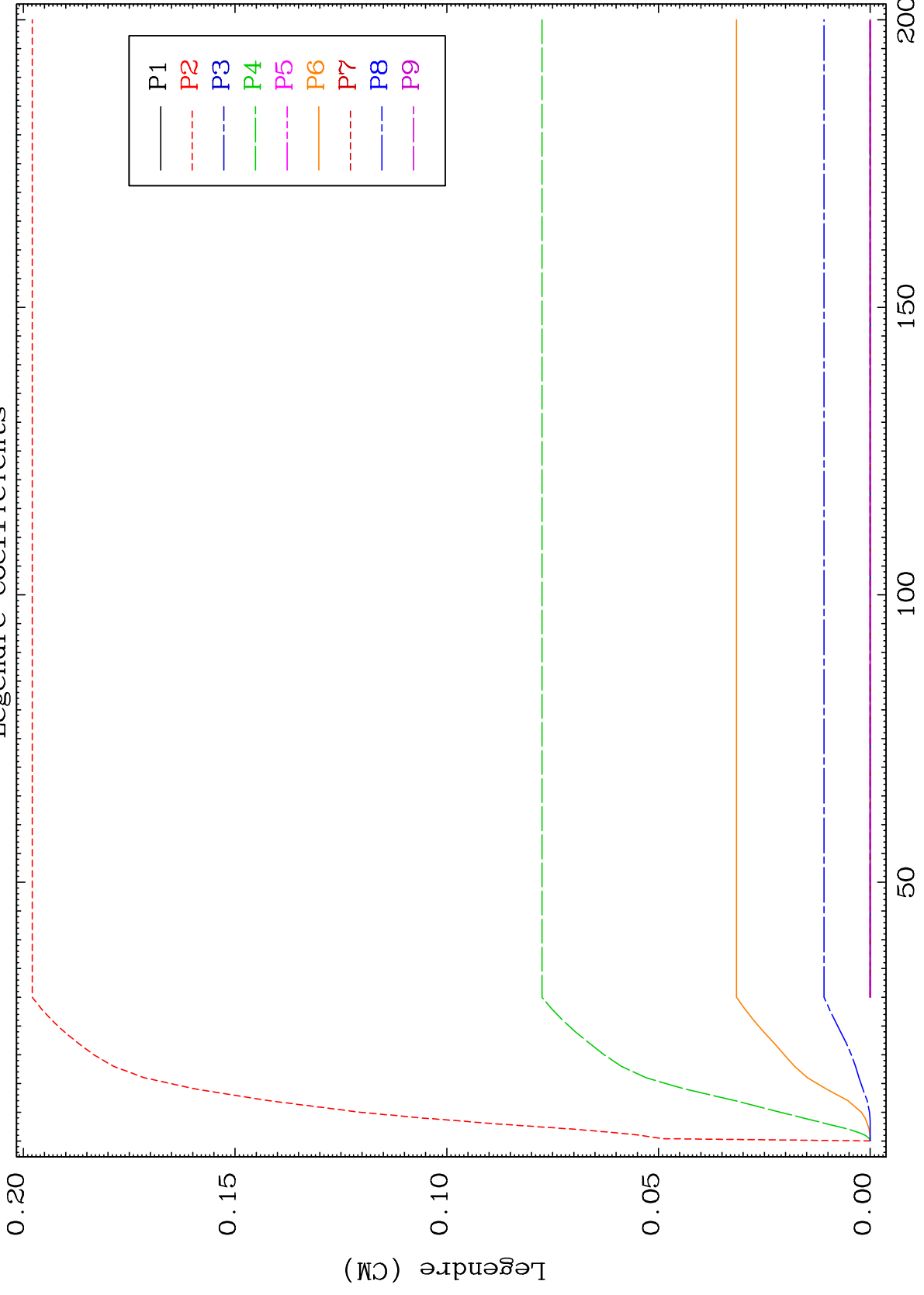
MT= 57 (n,n') Level
Legendre Coefficients

14-Si-29



37

MAT 1428 MT= 58 (n,n') Level Legendre Coefficients 14-Si-29

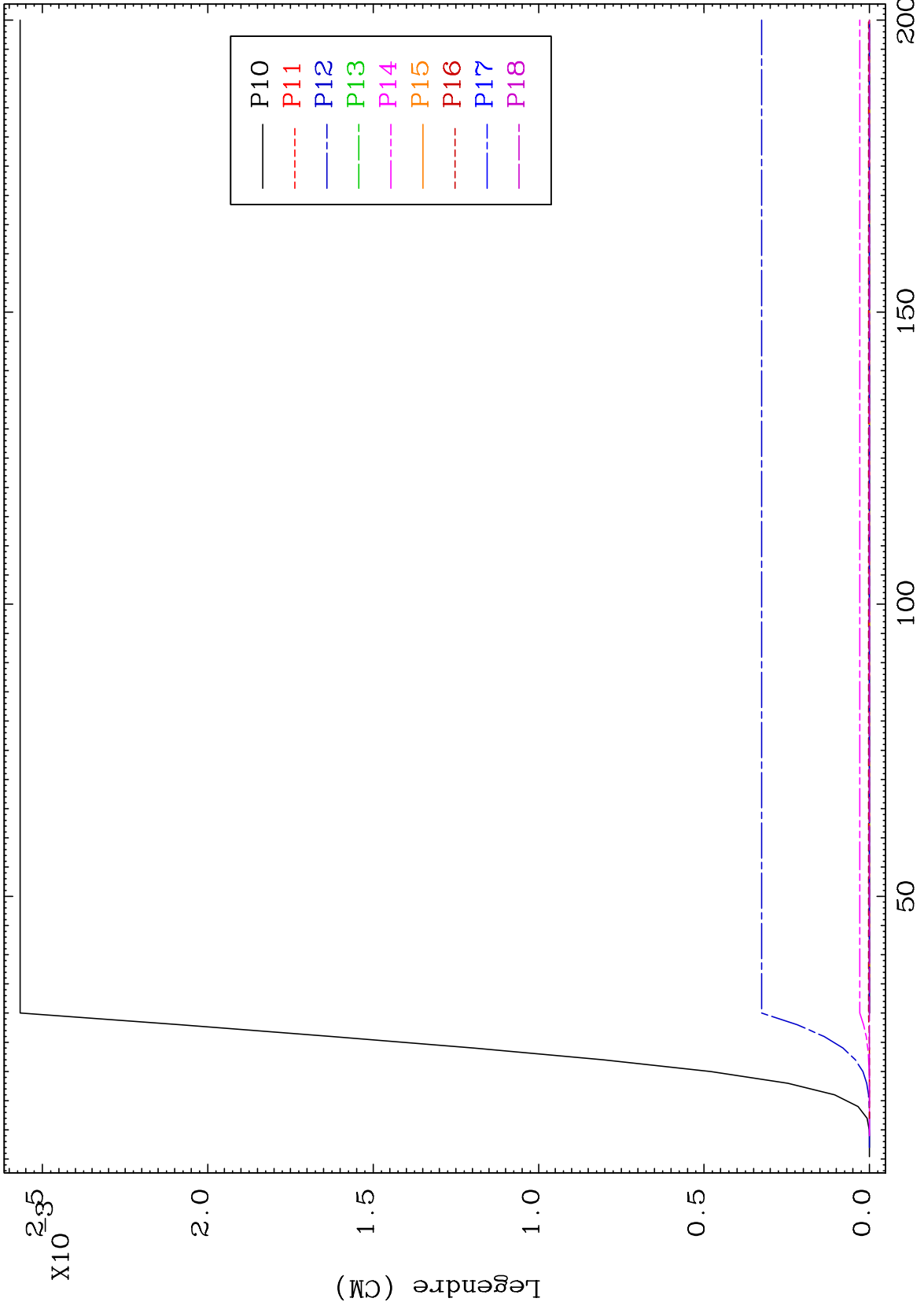


38 Incident Energy (MeV) 14-Si-29

MAT 1428

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

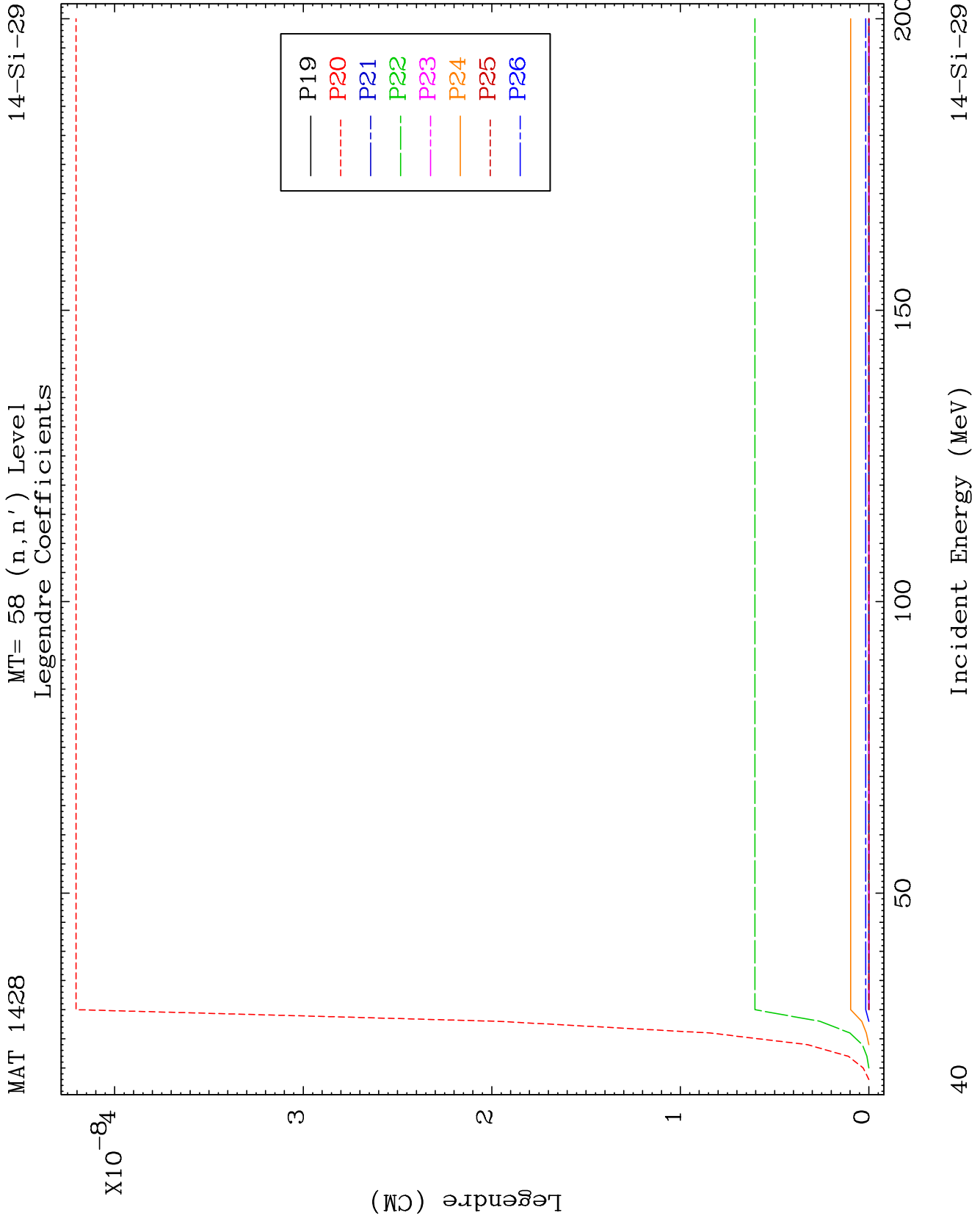
14-Si-29



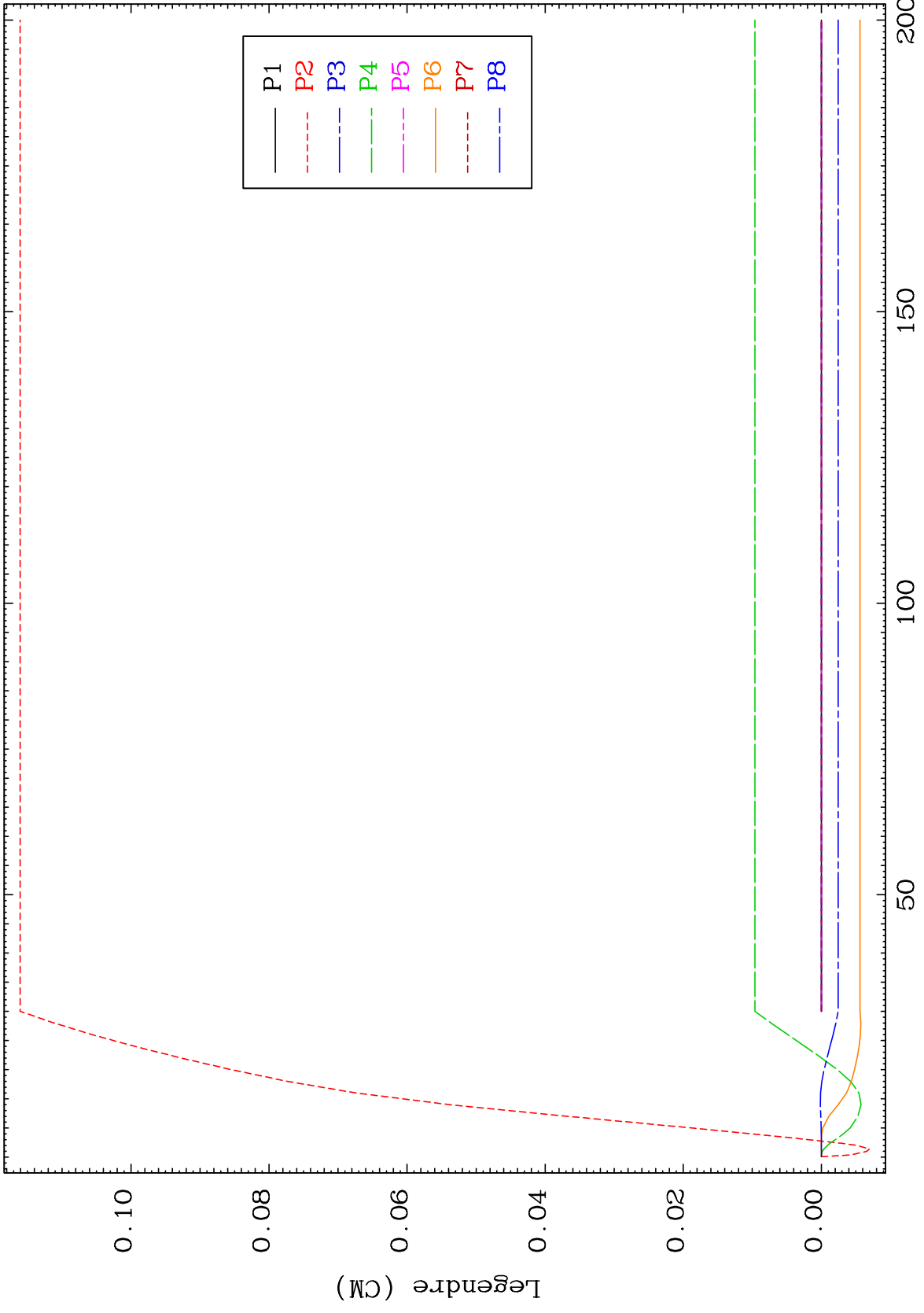
39

Incident Energy (MeV)

14-Si-29



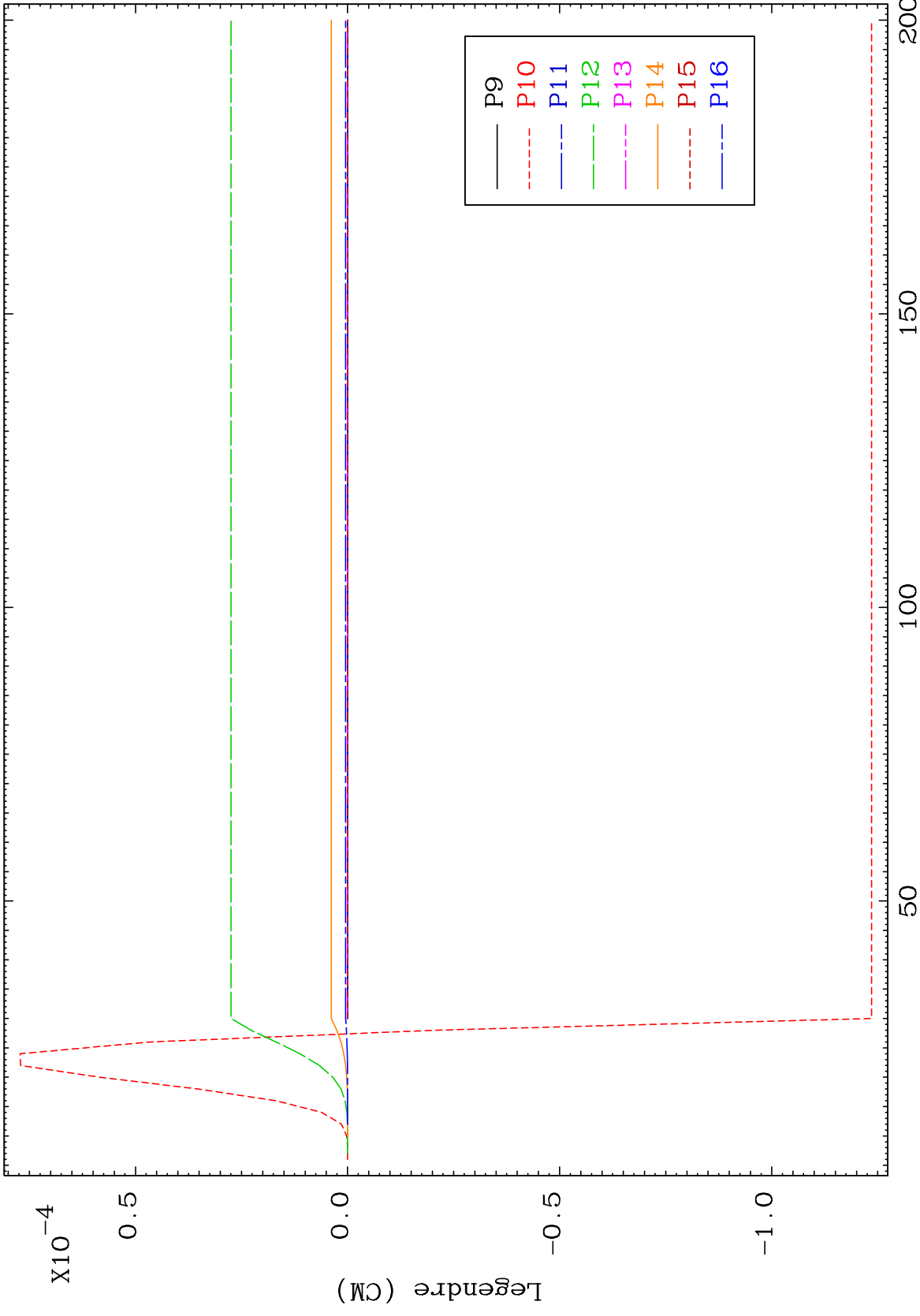
MAT 1428 MT= 59 (n,n') Level Legendre Coefficients 14-Si-29



MAT 1428

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

14-Si-29

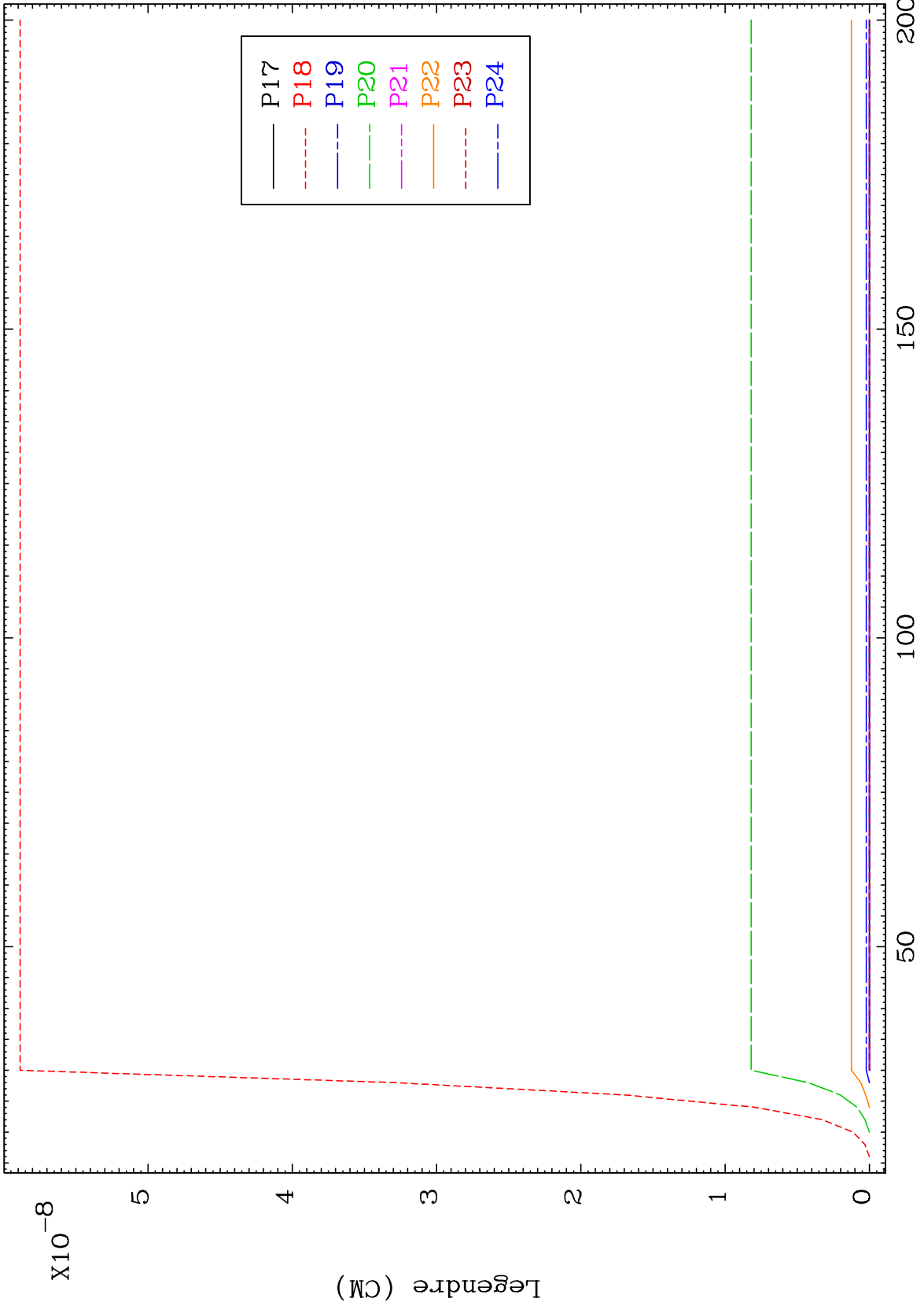


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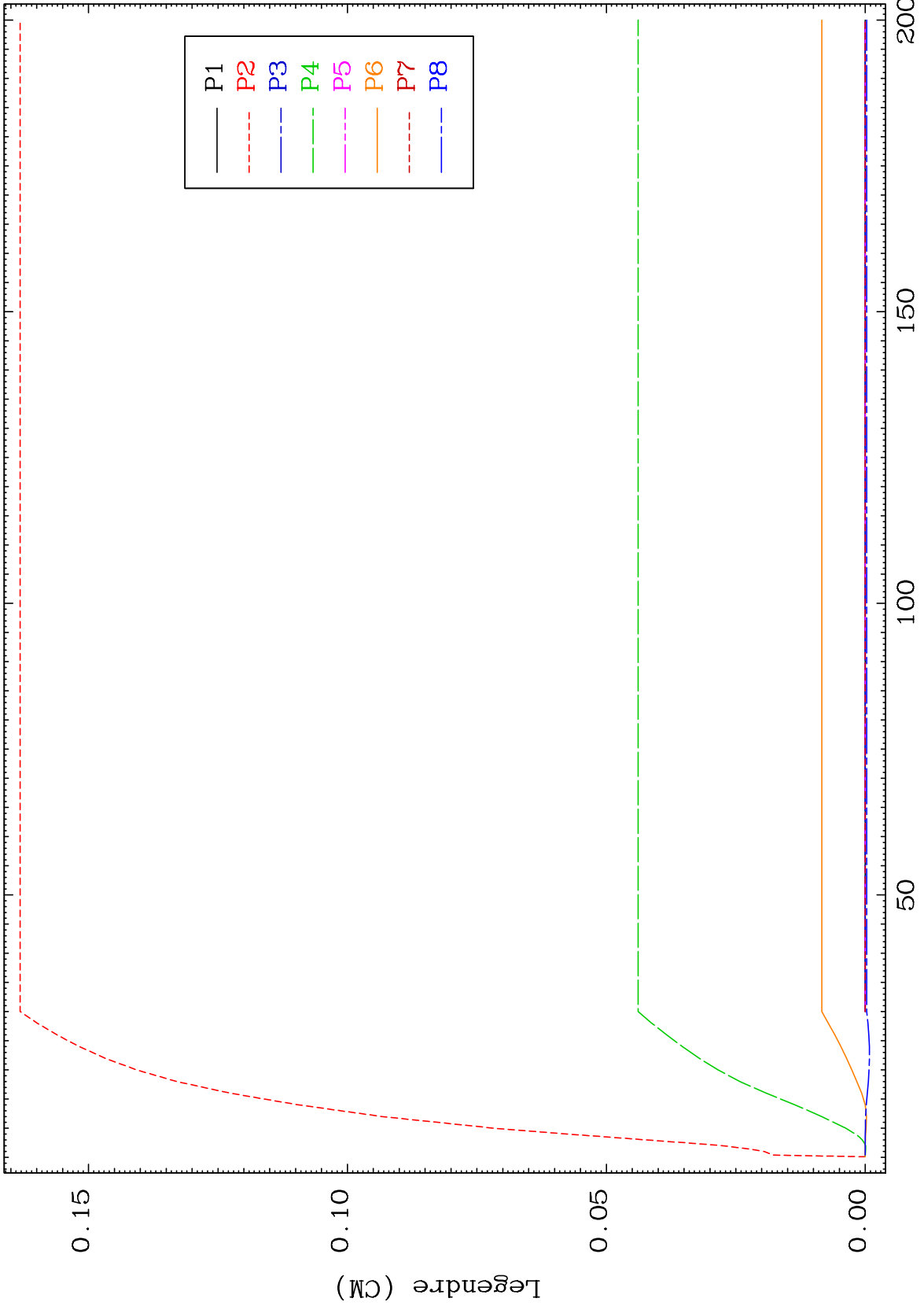
Incident Energy (MeV)

14-Si-29

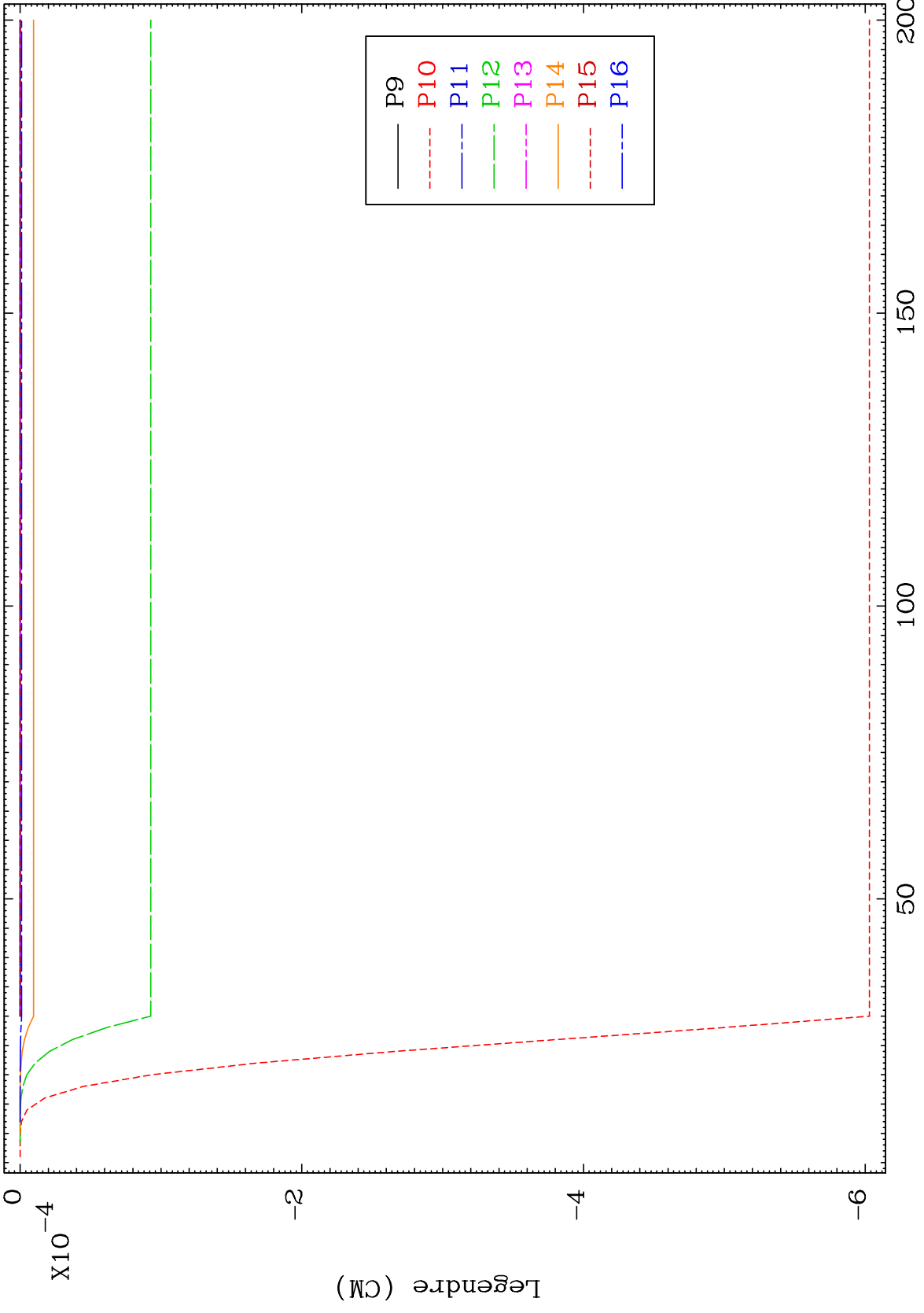
MAT 1428 MT= 59 (n,n') Level Legendre Coefficients 14-Si-29



MAT 1428 MT= 60 (n,n') Level Legendre Coefficients 14-Si-29



MAT 1428 MT= 60 (n,n') Level Legendre Coefficients 14-Si-29



45 Incident Energy (MeV) 14-Si-29

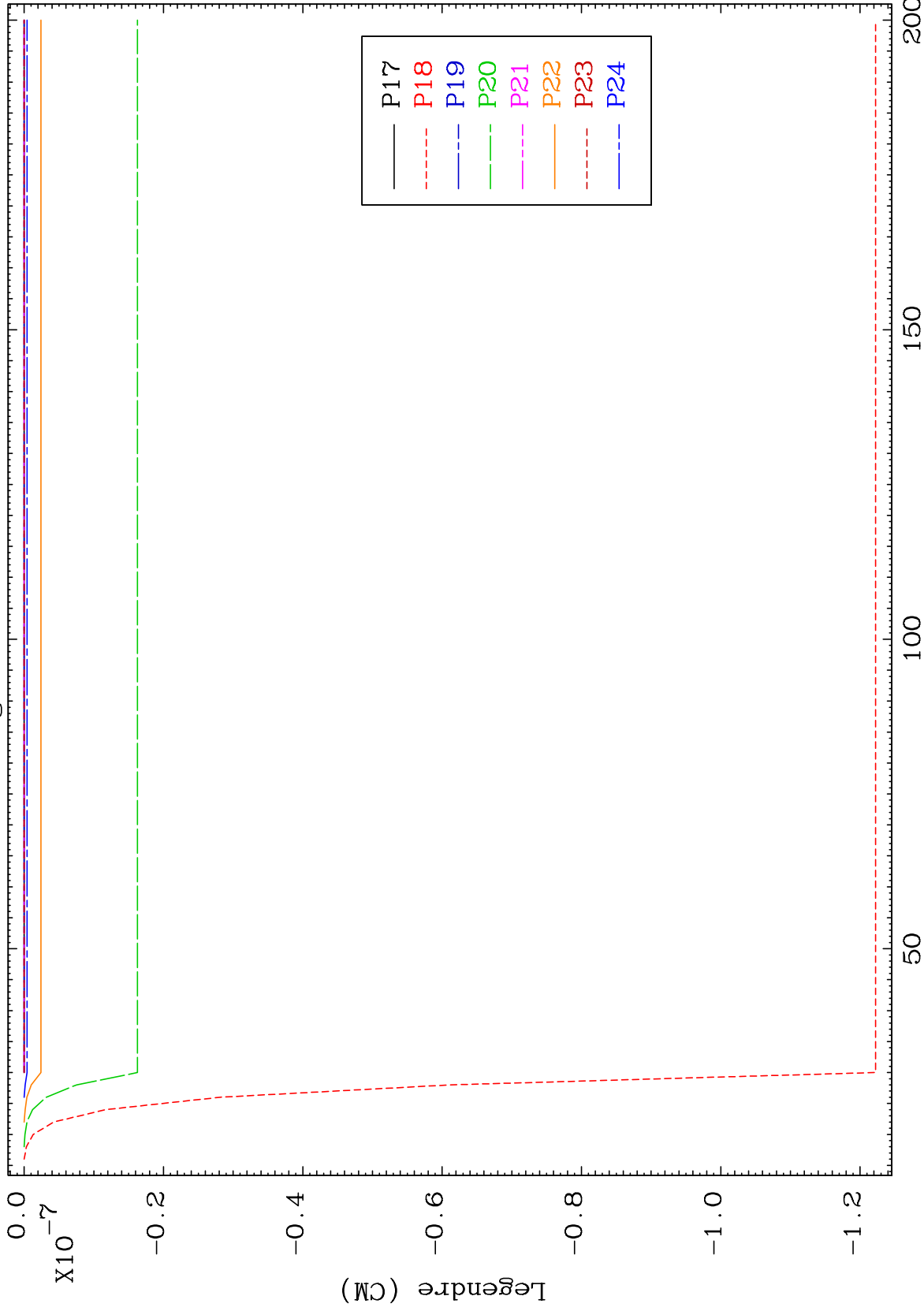
MAT 1428

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

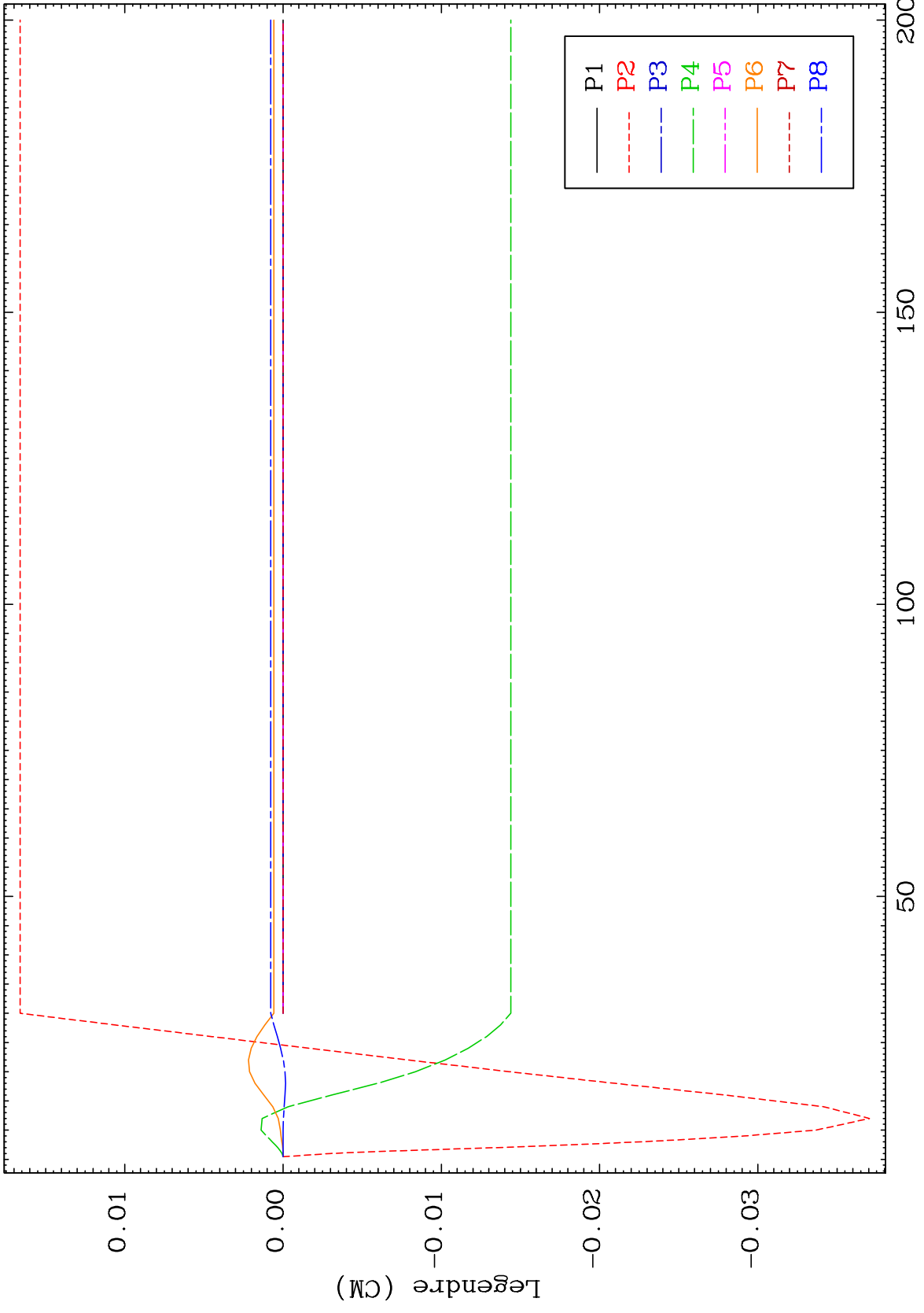
14-Si-29

Incident Energy (MeV)

46

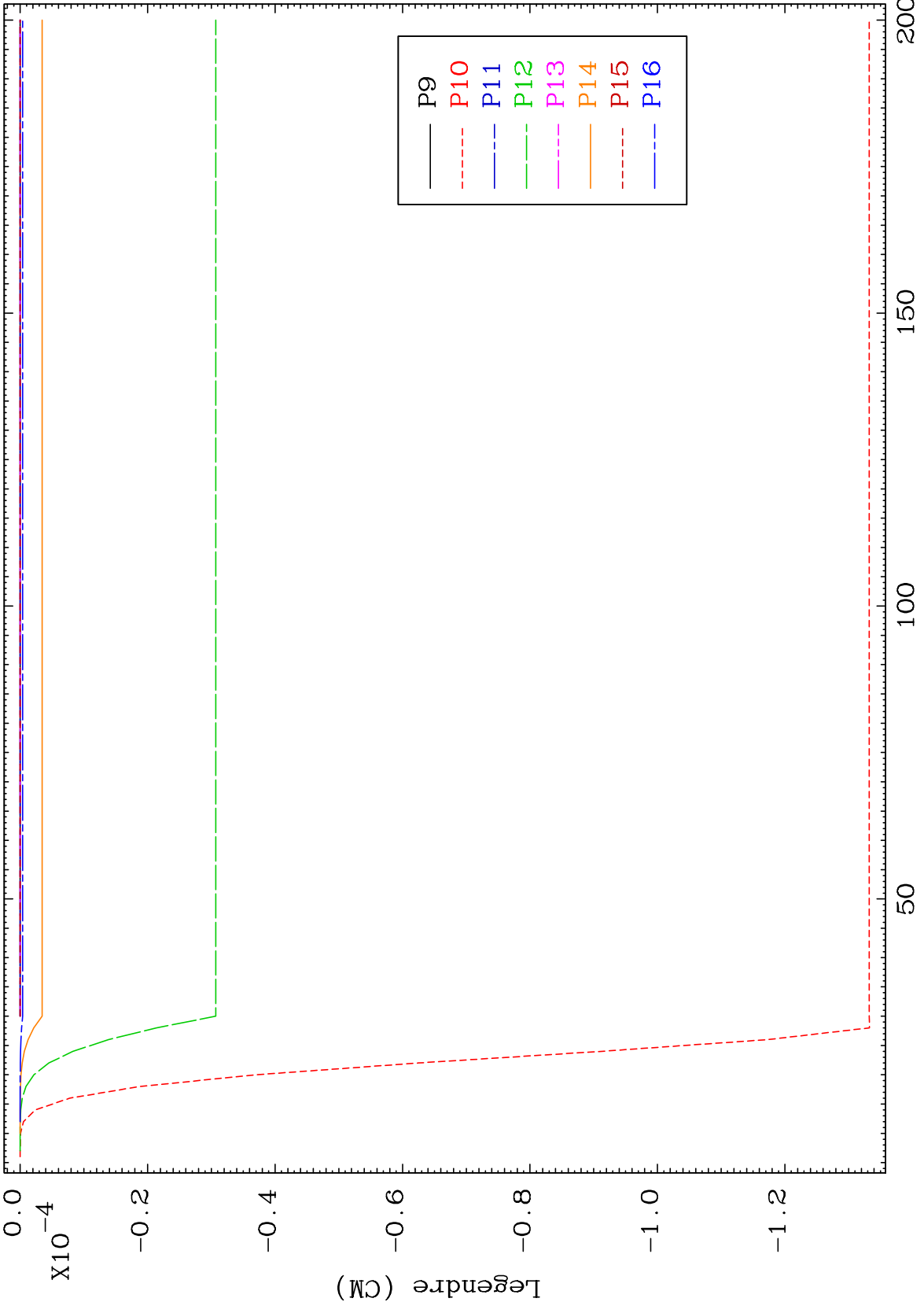


MAT 1428 MT= 61 (n,n') Level Legendre Coefficients 14-Si-29



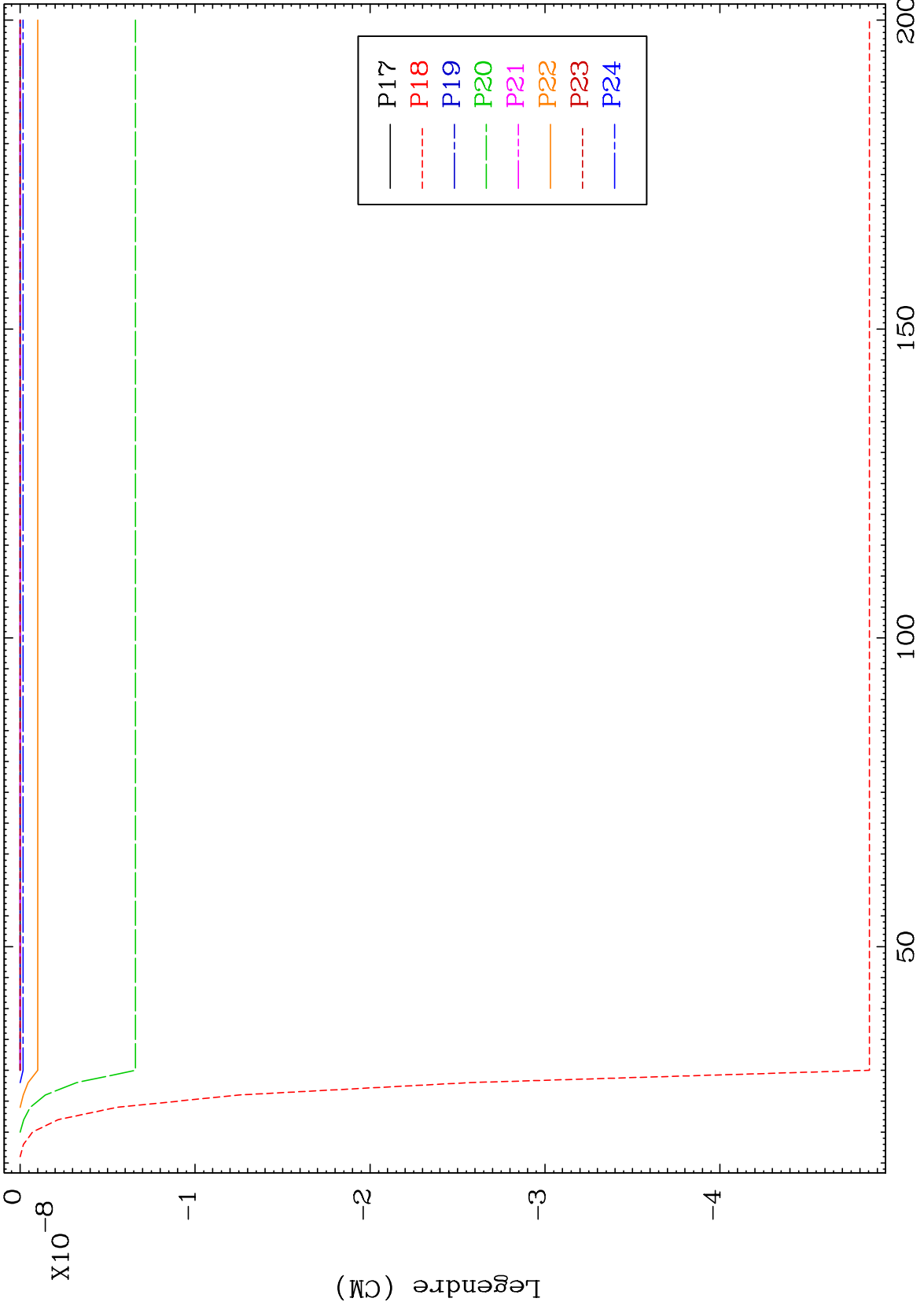
47 Incident Energy (MeV) 14-Si-29

MAT 1428 MT= 61 (n,n') Level Legendre Coefficients 14-Si-29

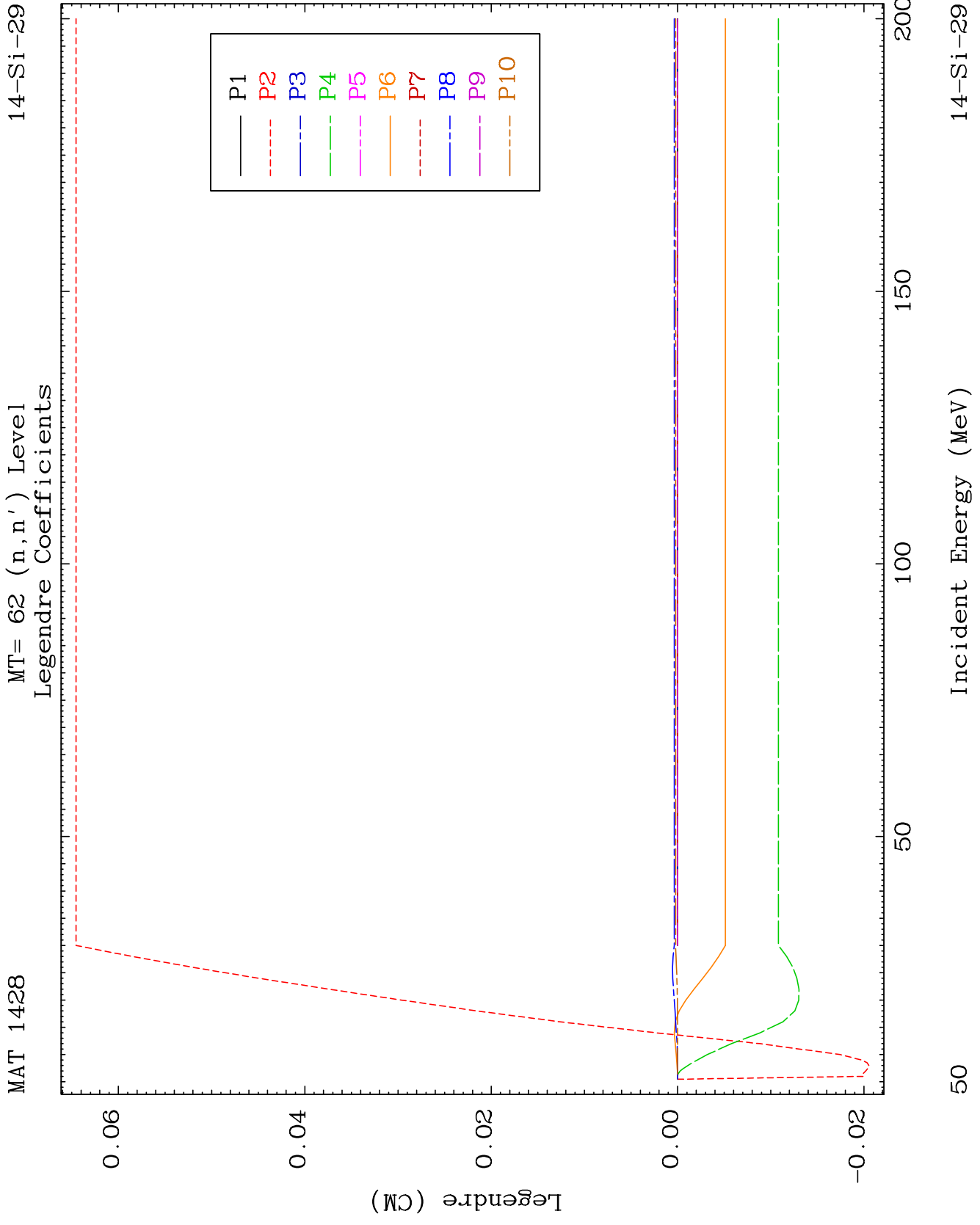


48 Incident Energy (MeV) 14-Si-29

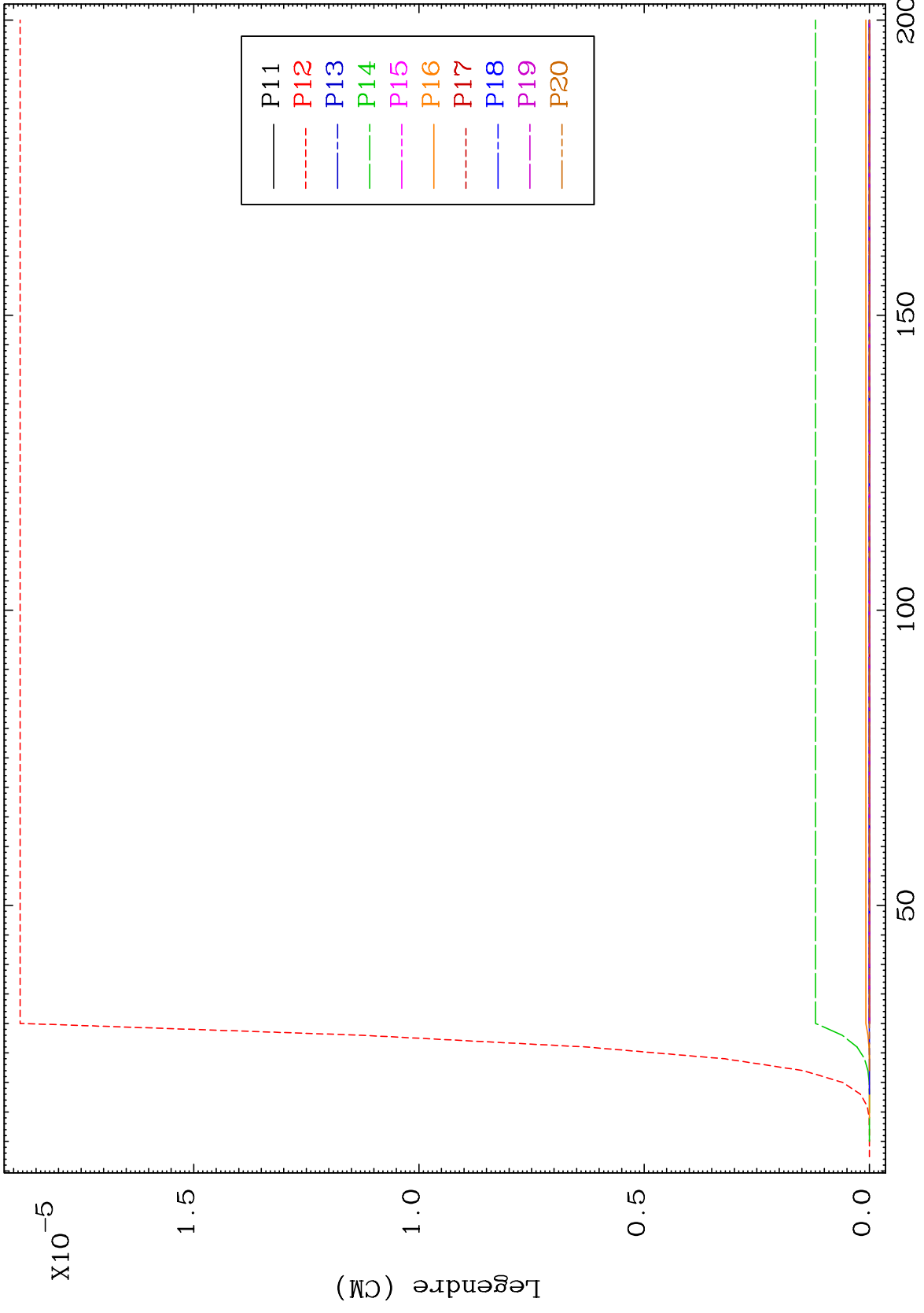
MAT 1428 MT= 61 (n,n') Level Legendre Coefficients 14-Si-29



49 14-Si-29



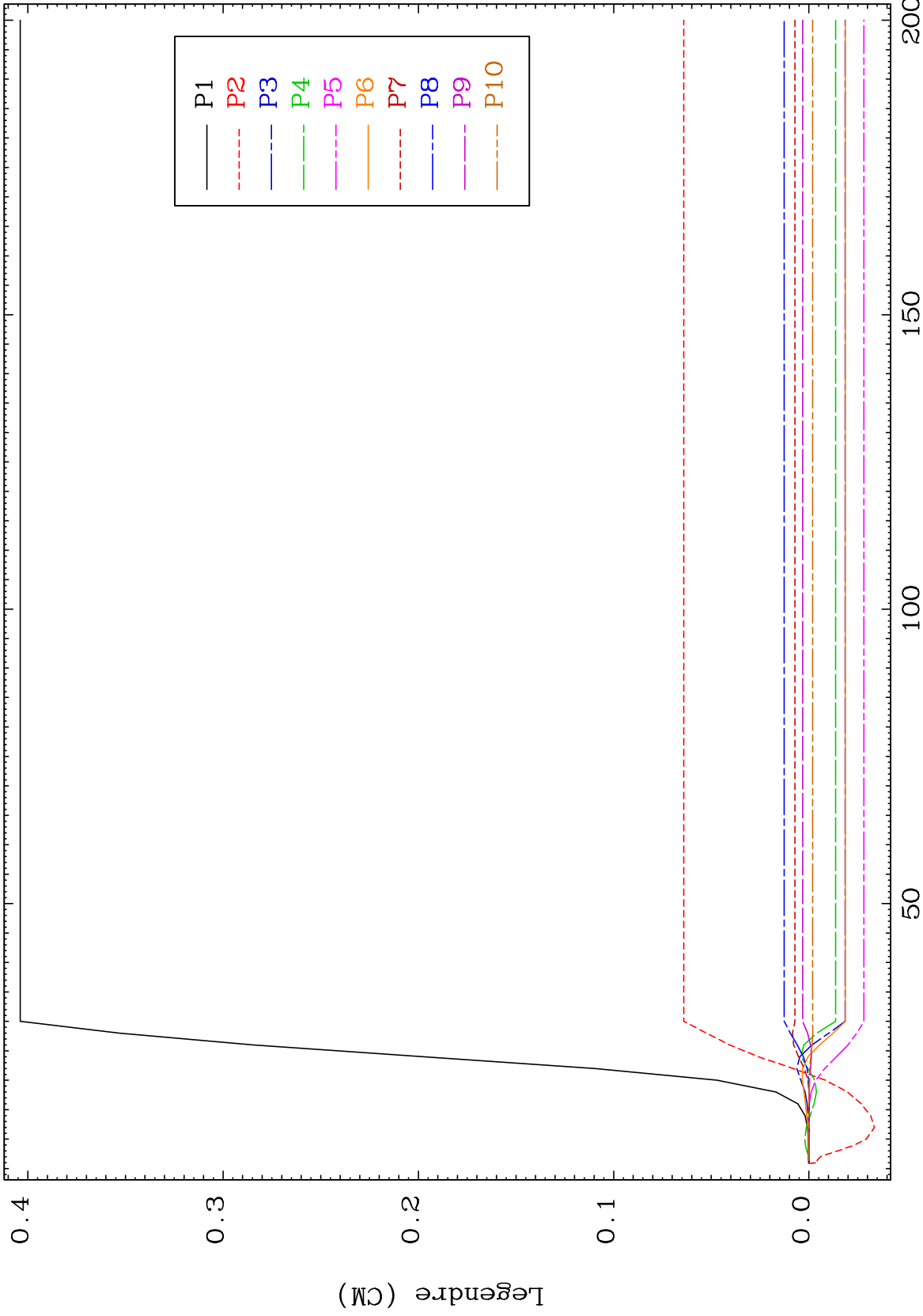
MAT 1428 MT= 62 (n,n') Level Legendre Coefficients 14-Si-29



MAT 1428

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

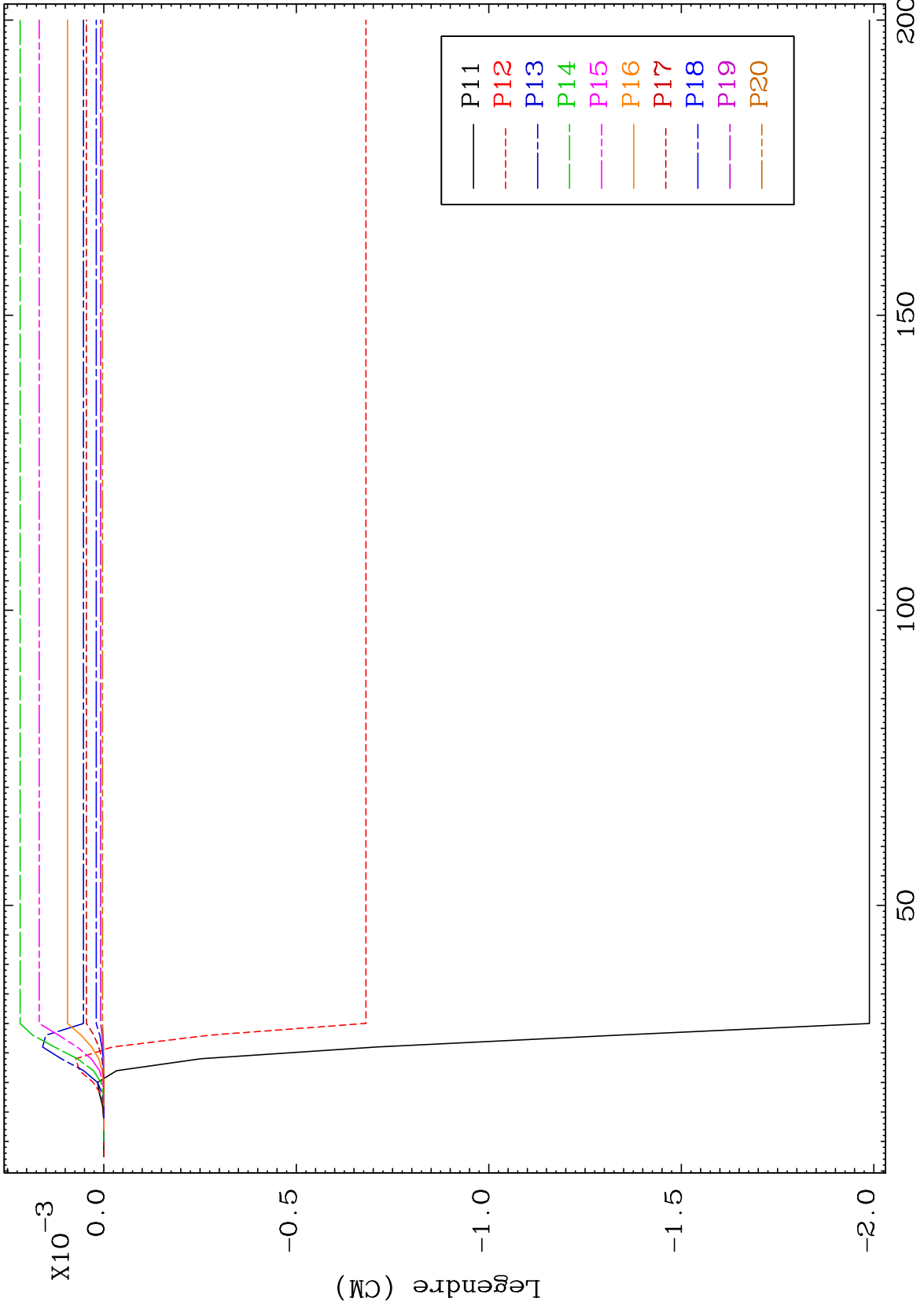
14-Si-29



52

Incident Energy (MeV)

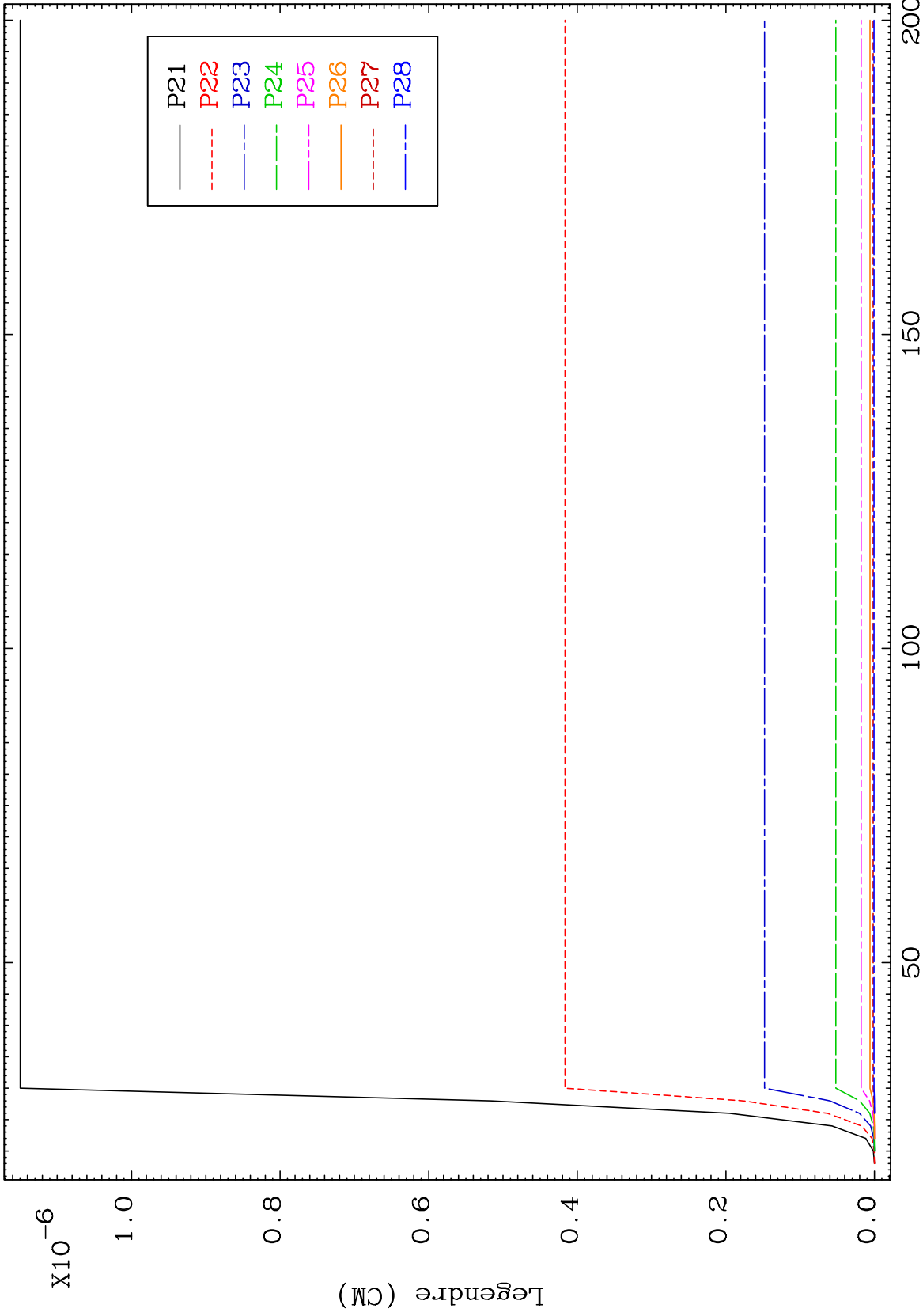
14-Si-29



MAT 1428

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

14-Si-29

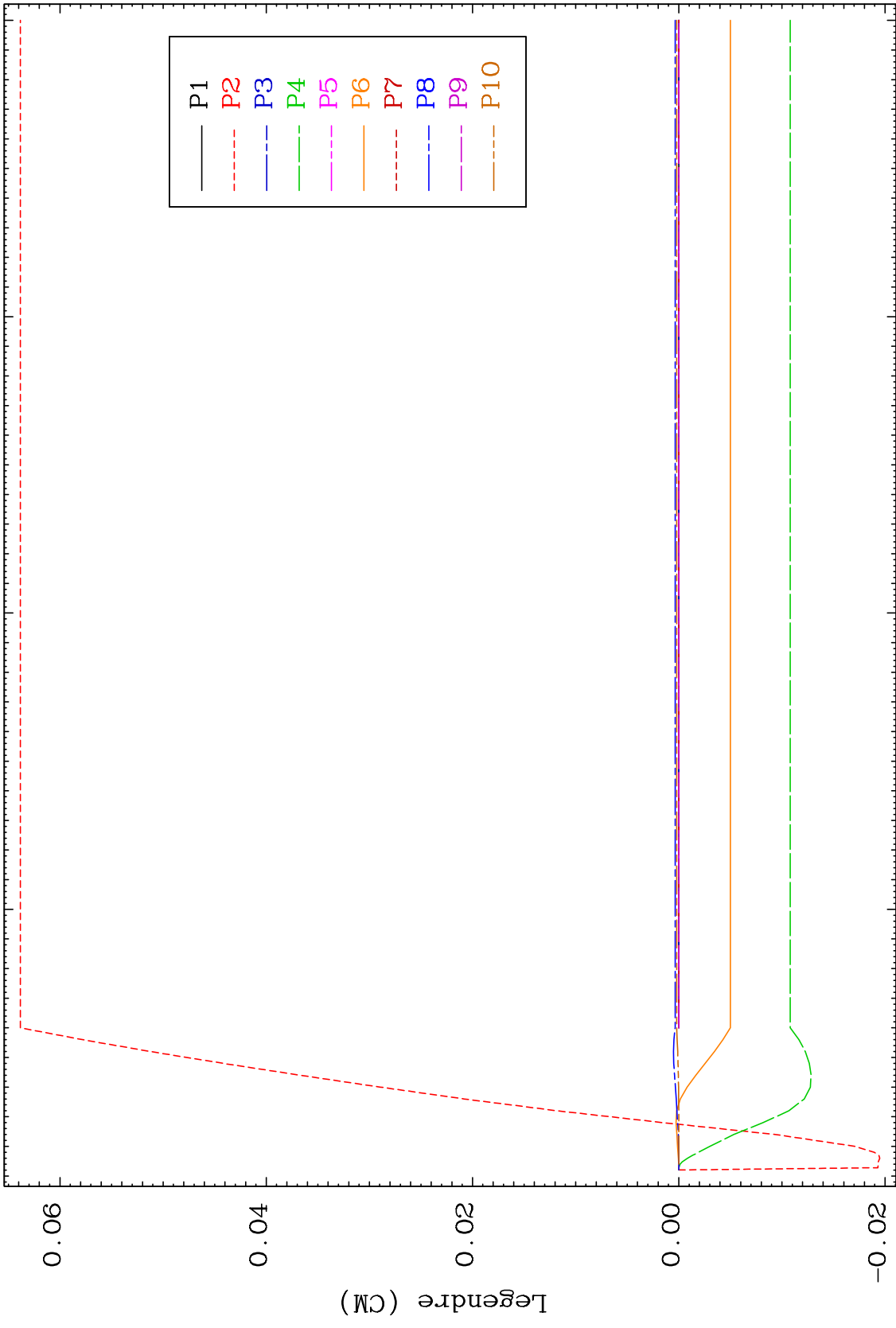


54

Incident Energy (MeV)

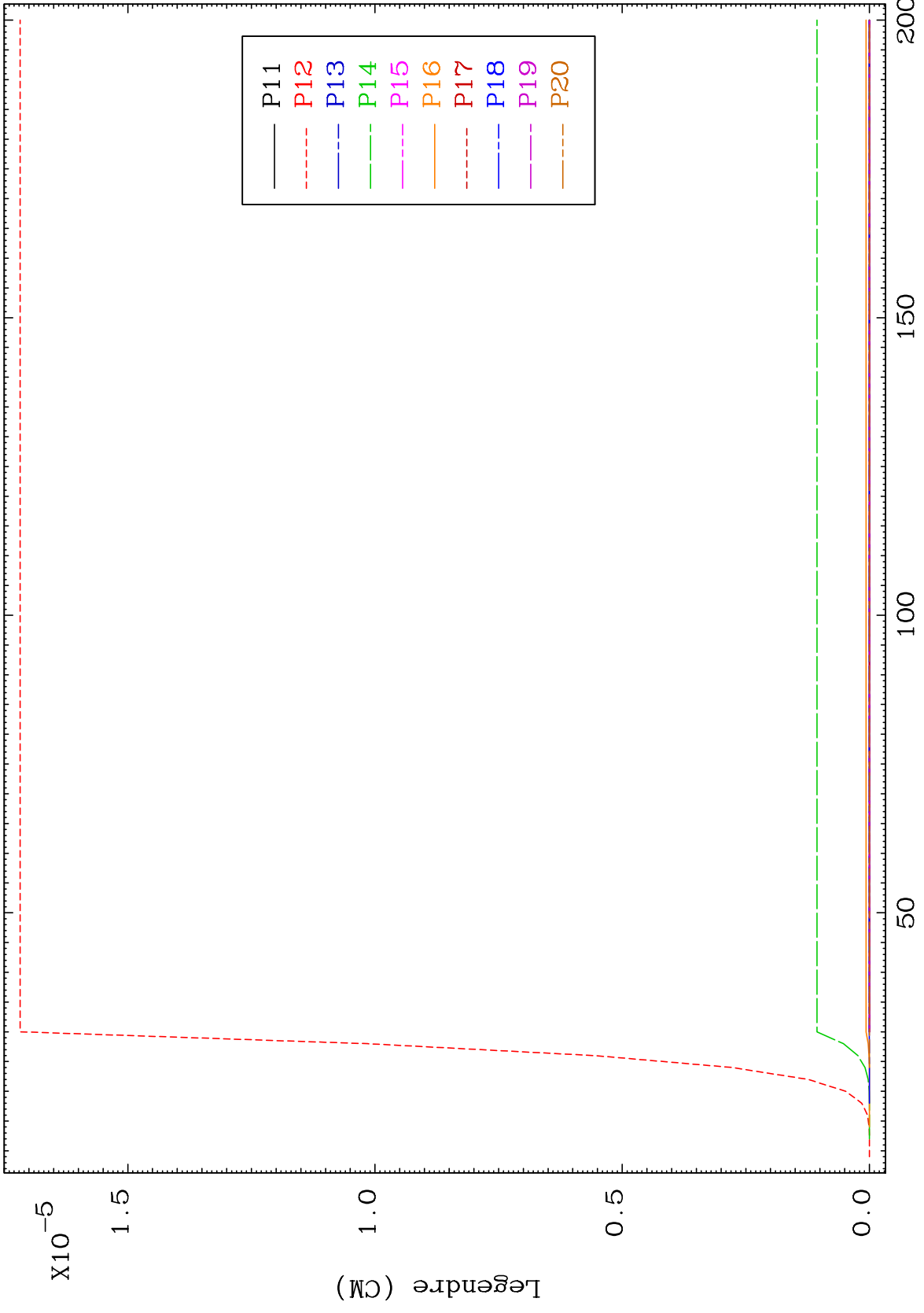
14-Si-29

MAT 1428 MT= 64 (n,n') Level Legendre Coefficients 14-Si-29



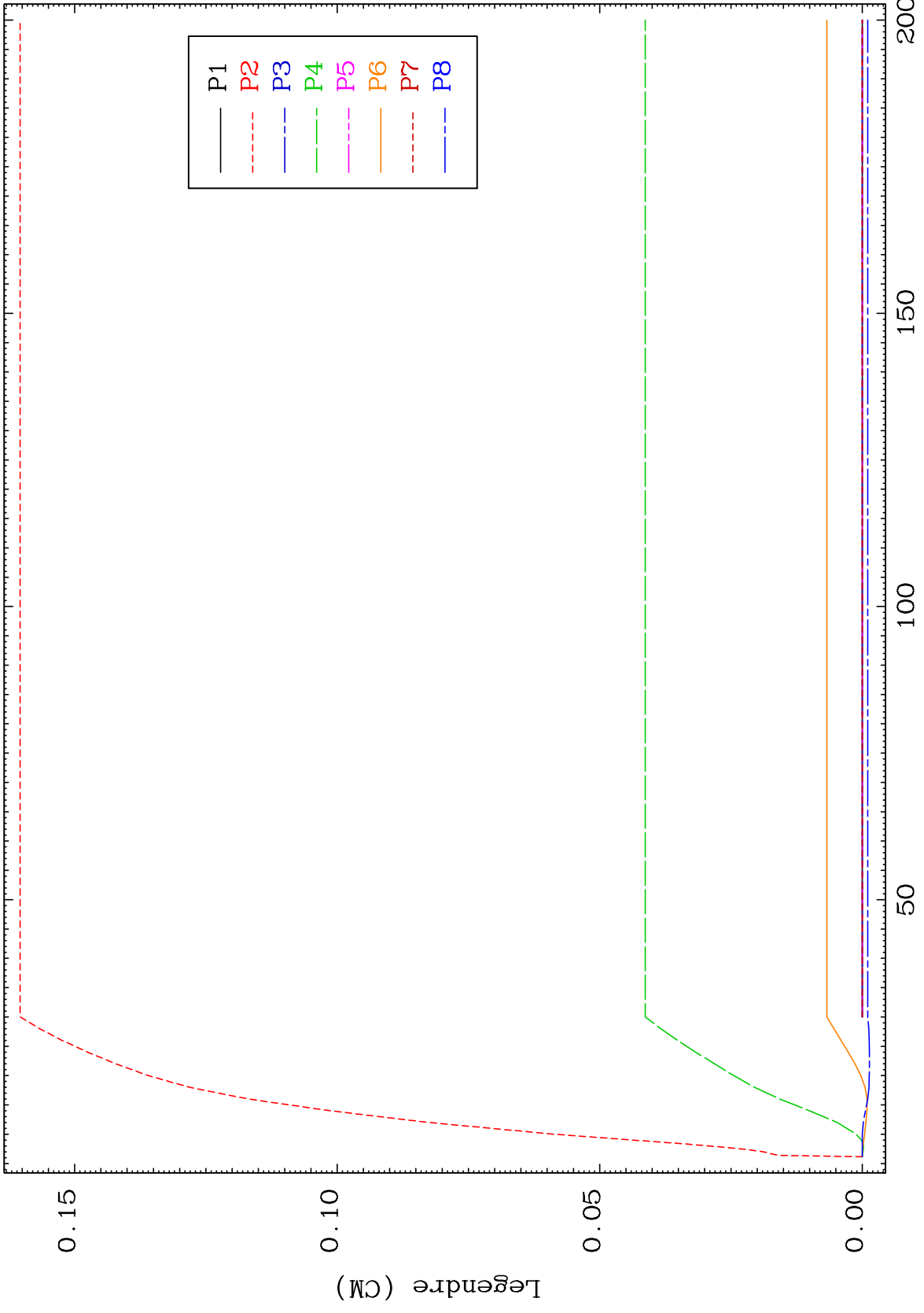
14-Si-29

MAT 1428 MT= 64 (n,n') Level Legendre Coefficients 14-Si-29



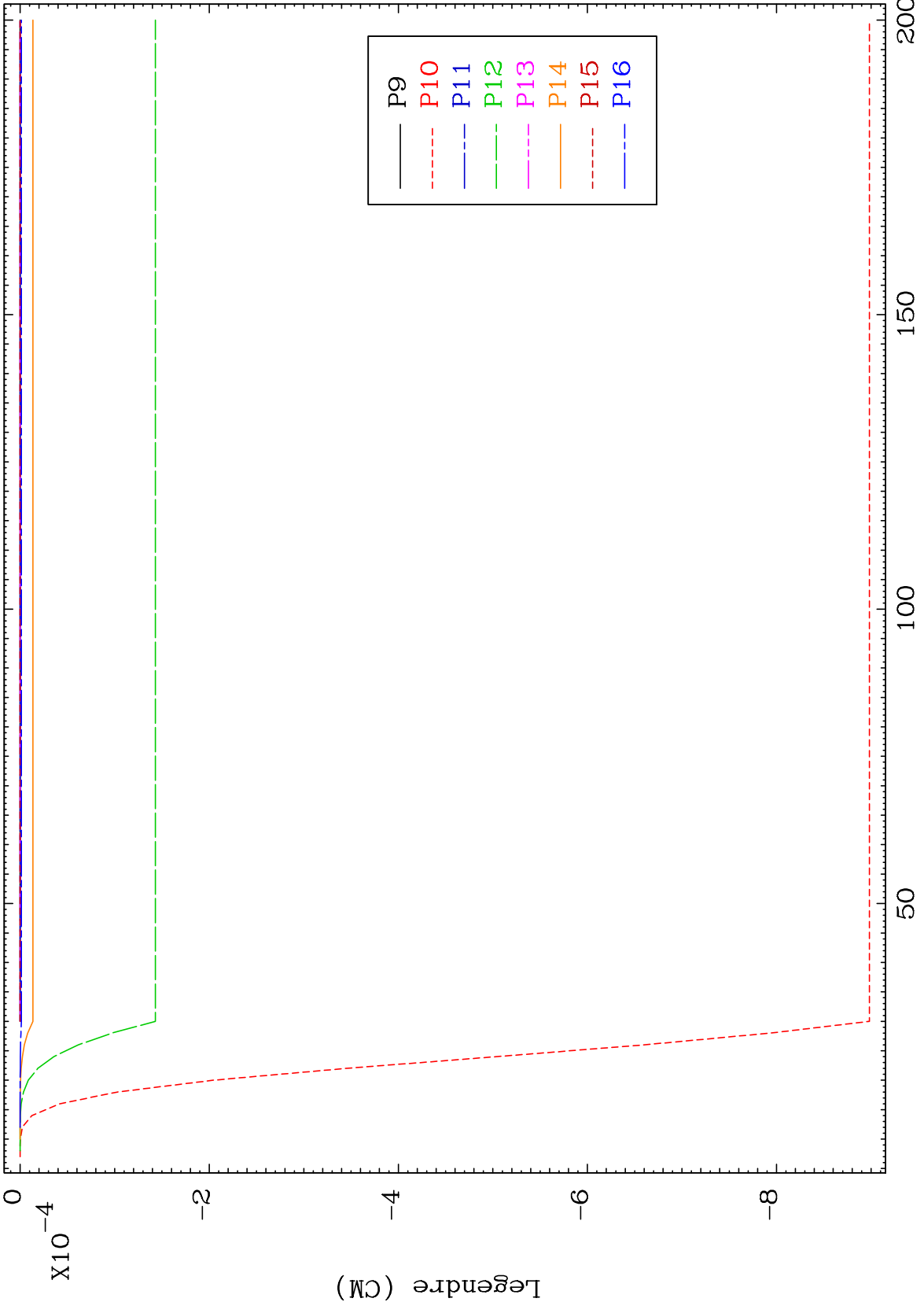
56 Incident Energy (MeV) 14-Si-29

MAT 1428 MT= 65 (n,n') Level Legendre Coefficients 14-Si-29



57 Incident Energy (MeV) 14-Si-29

MAT 1428 MT= 65 (n,n') Level Legendre Coefficients 14-Si-29

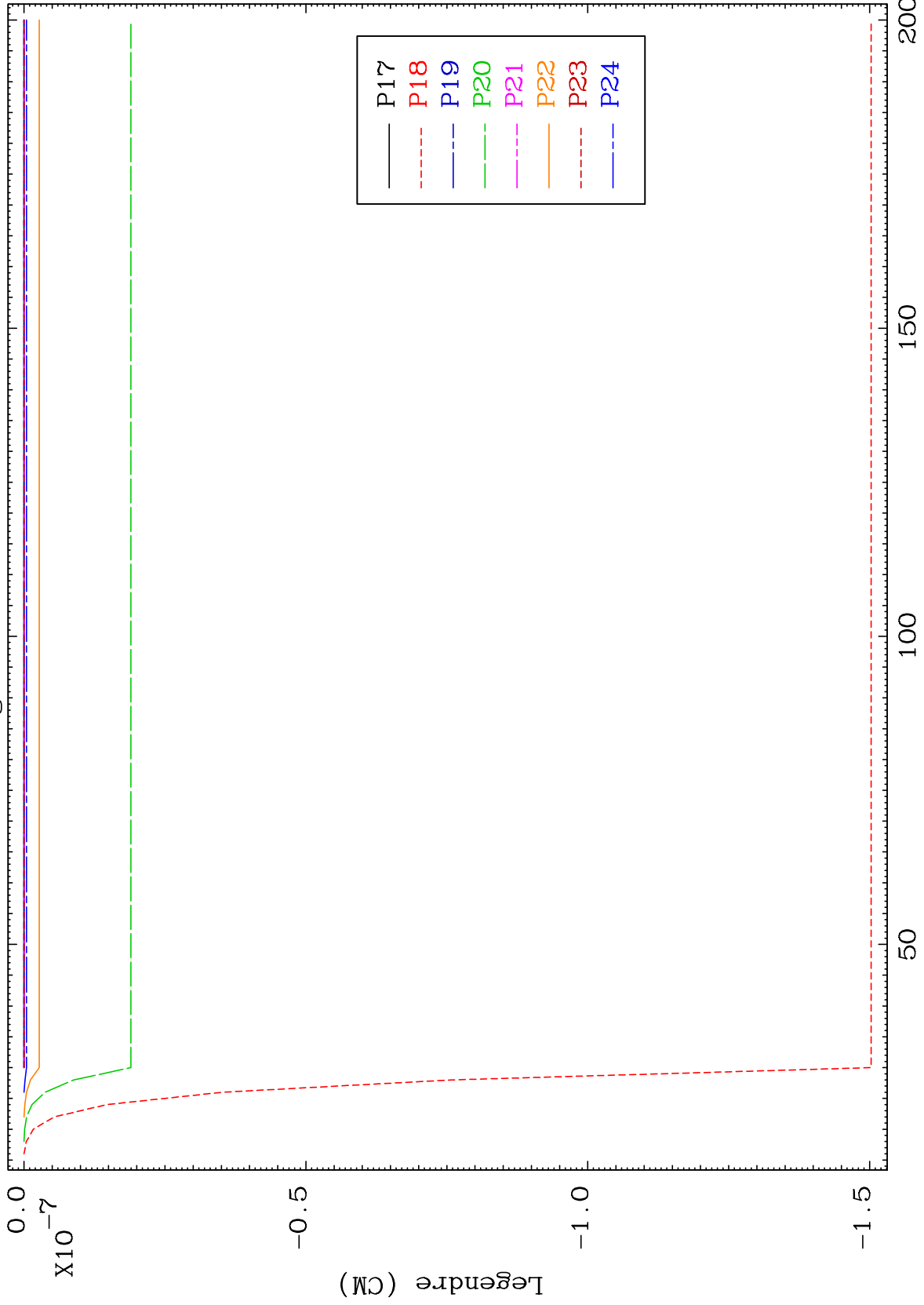


58 14-Si-29

MAT 1428

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

14-Si-29

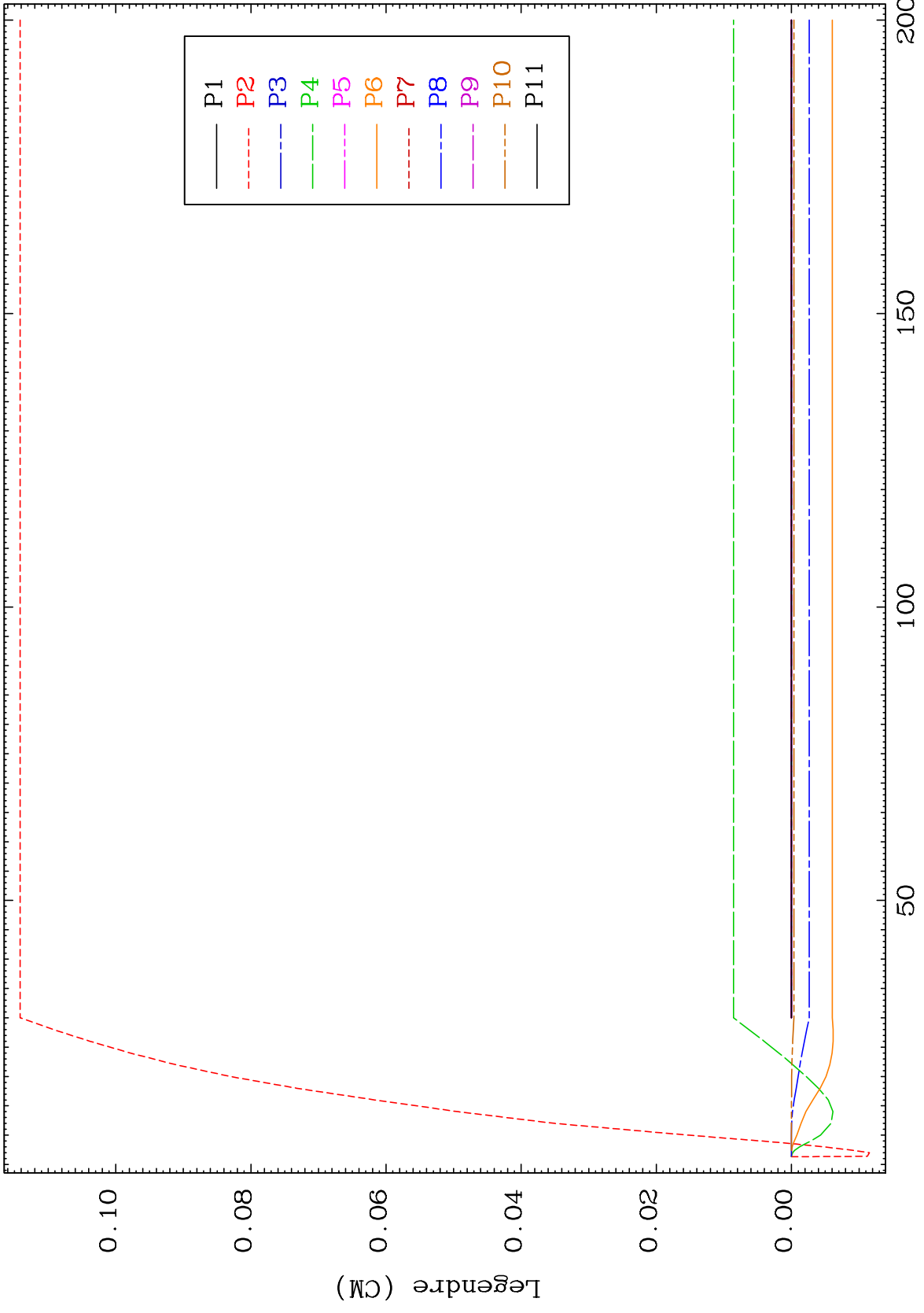


14-Si-29

Incident Energy (MeV)

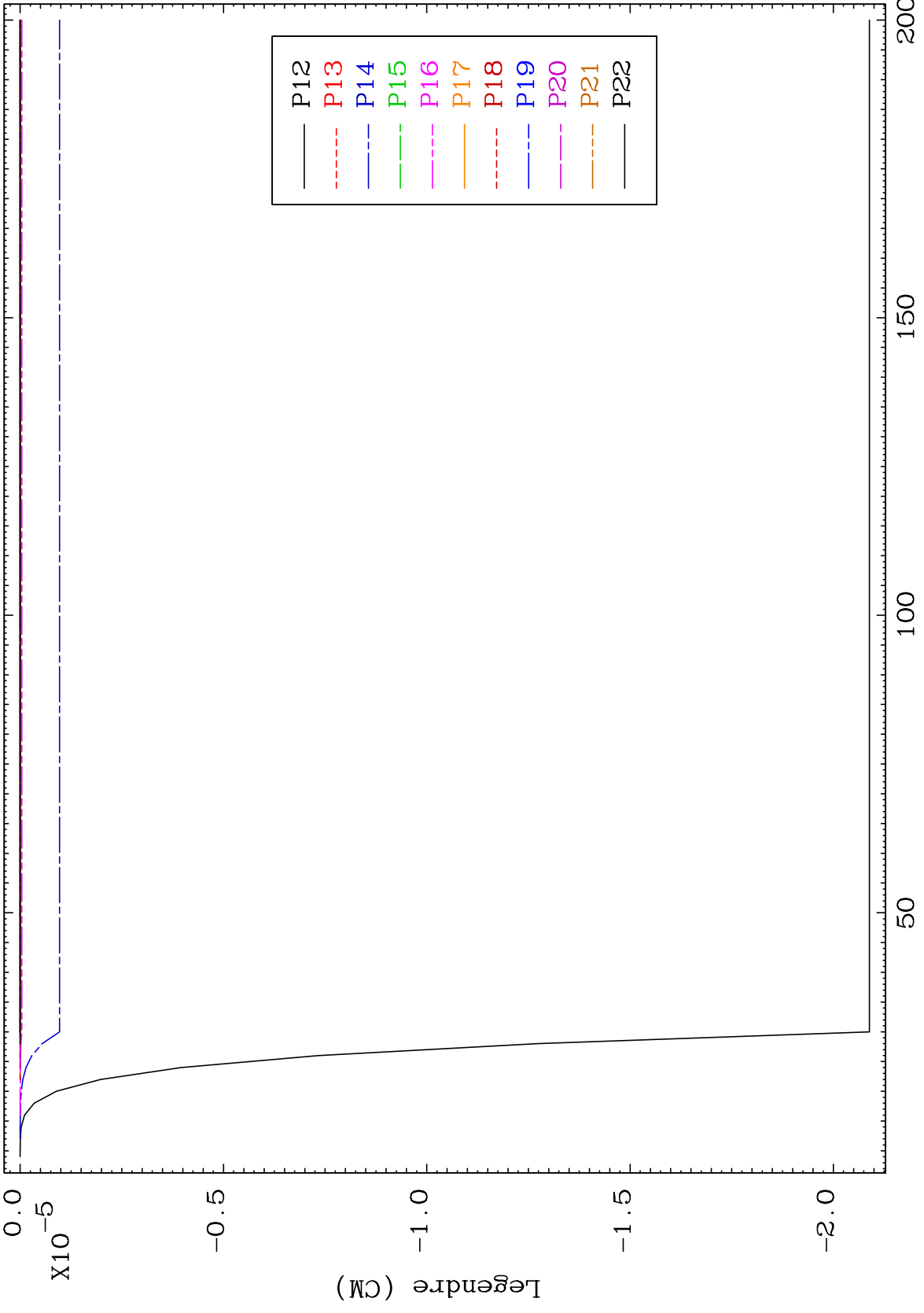
59

MAT 1428 MT= 66 (n,n') Level Legendre Coefficients 14-Si-29

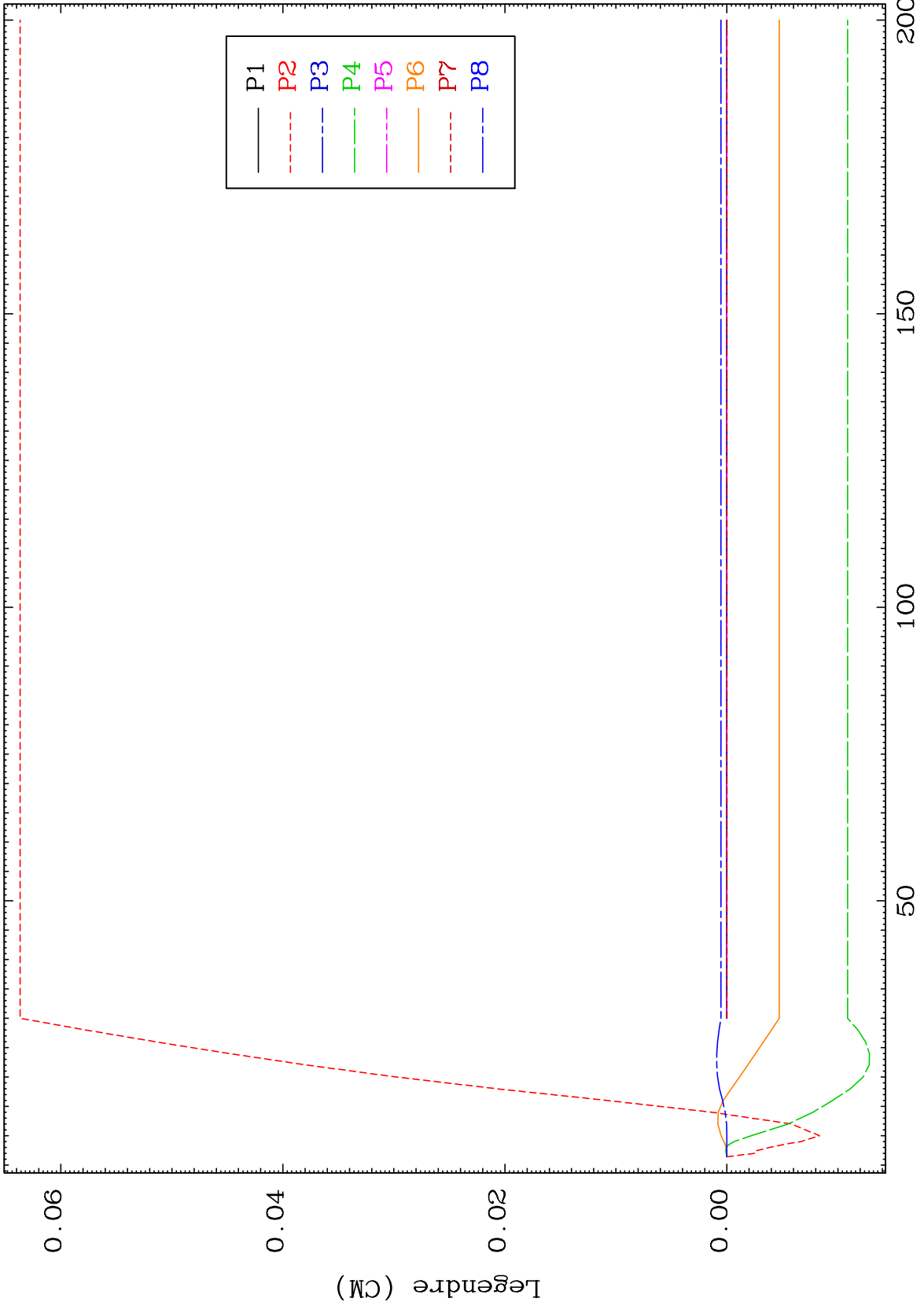


14-Si-29

MAT 1428 MT= 66 (n,n') Level Legendre Coefficients 14-Si-29

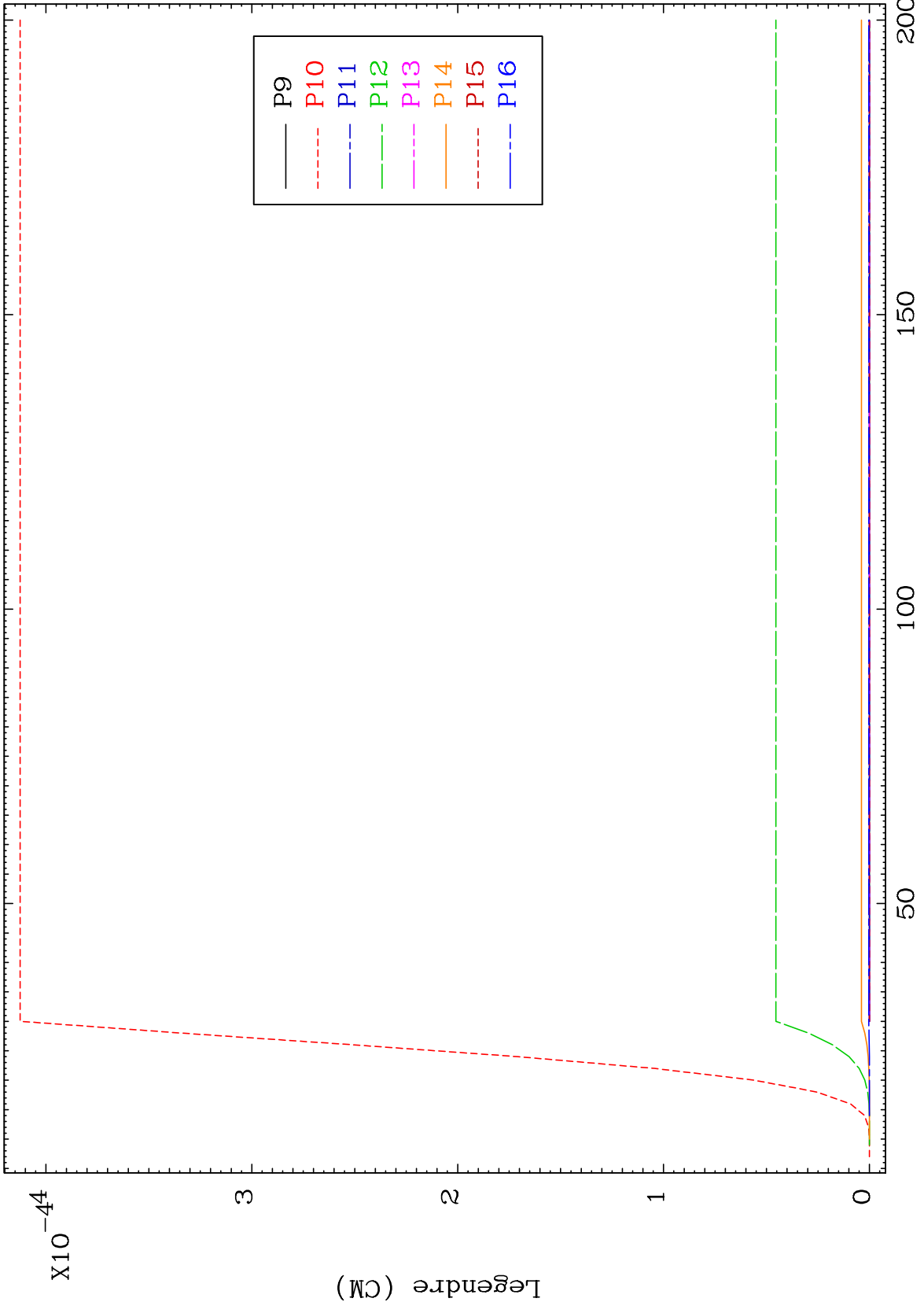


MAT 1428 MT= 67 (n,n') Level Legendre Coefficients 14-Si-29



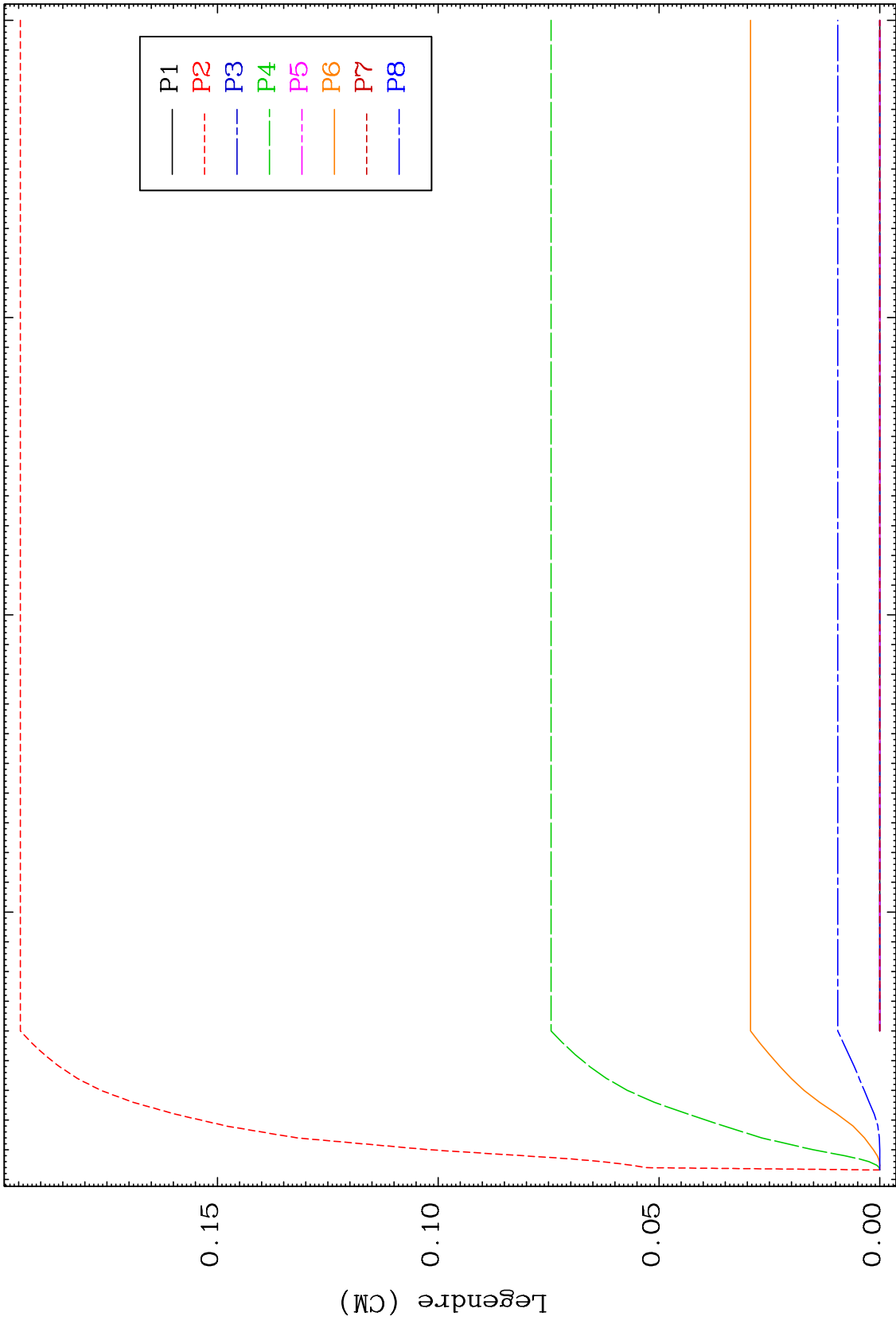
62 Incident Energy (MeV) 14-Si-29

MAT 1428 MT= 67 (n,n') Level Legendre Coefficients 14-Si-29



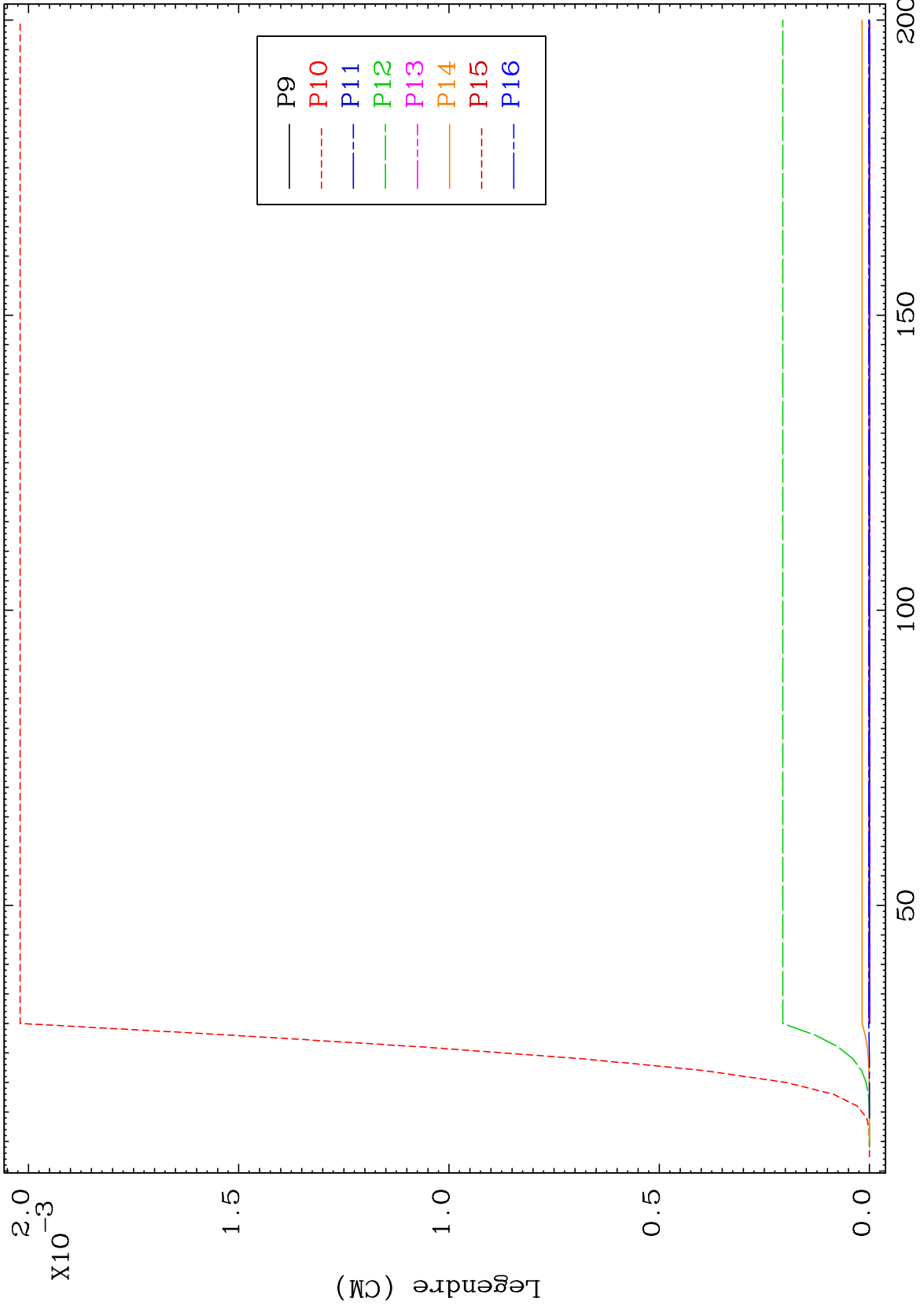
63 14-Si-29

MAT 1428 MT= 68 (n,n') Level Legendre Coefficients 14-Si-29



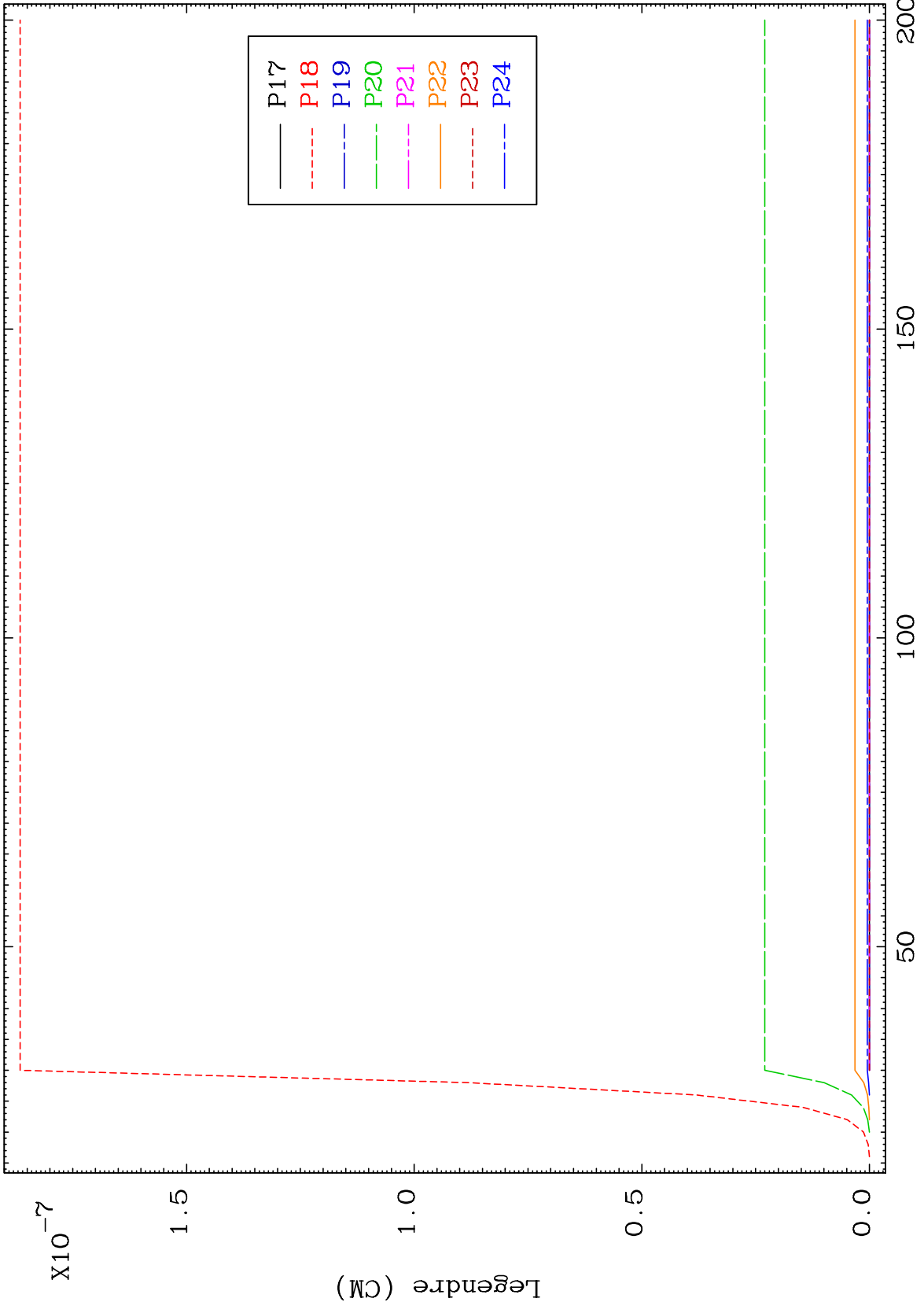
14-Si-29

MAT 1428 MT= 68 (n,n') Level Legendre Coefficients 14-Si-29



66 Incident Energy (MeV) 14-Si-29

MAT 1428 MT= 68 (n,n') Level Legendre Coefficients 14-Si-29

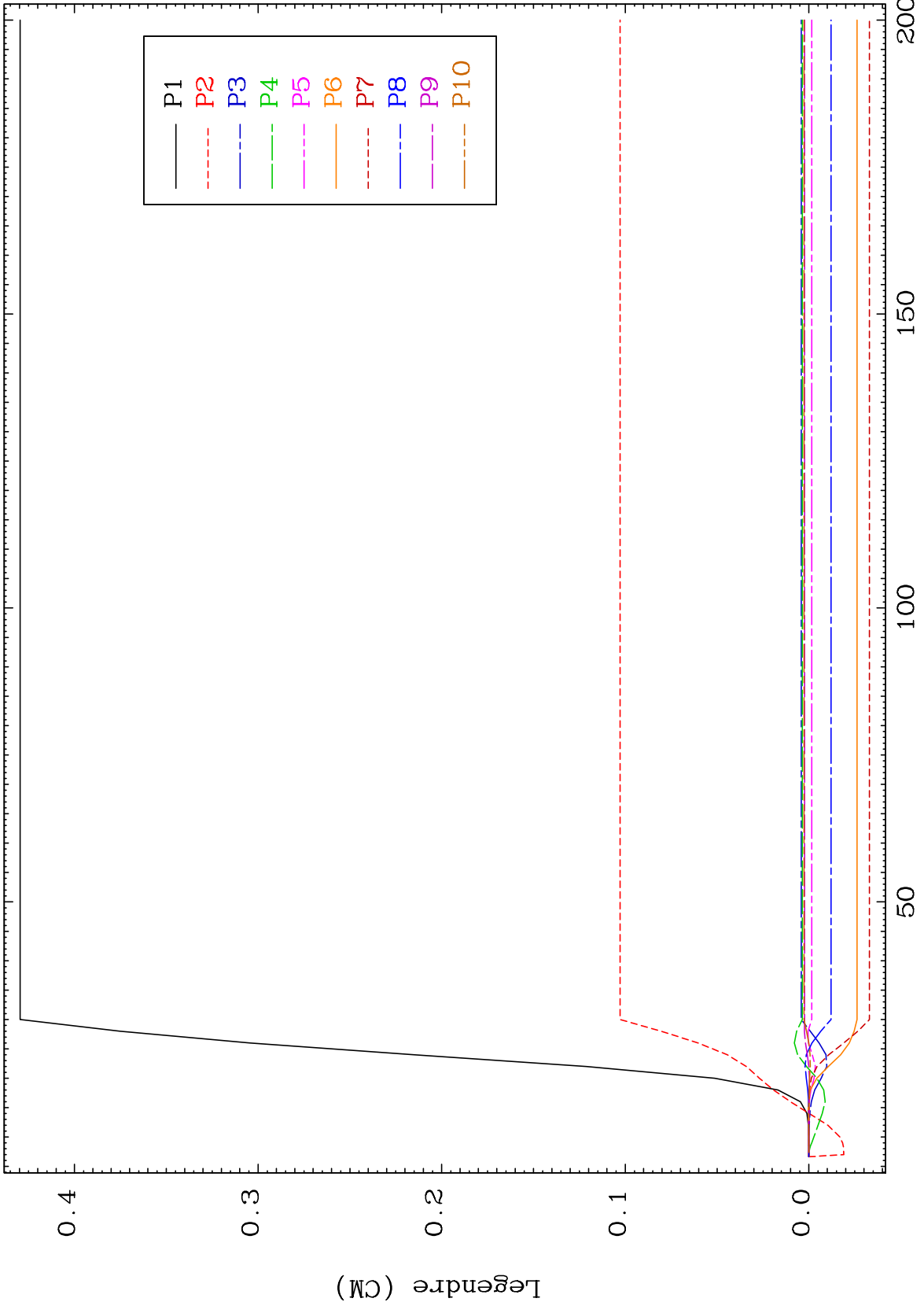


67 Incident Energy (MeV) 14-Si-29

MAT 1428

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

14-Si-29



68

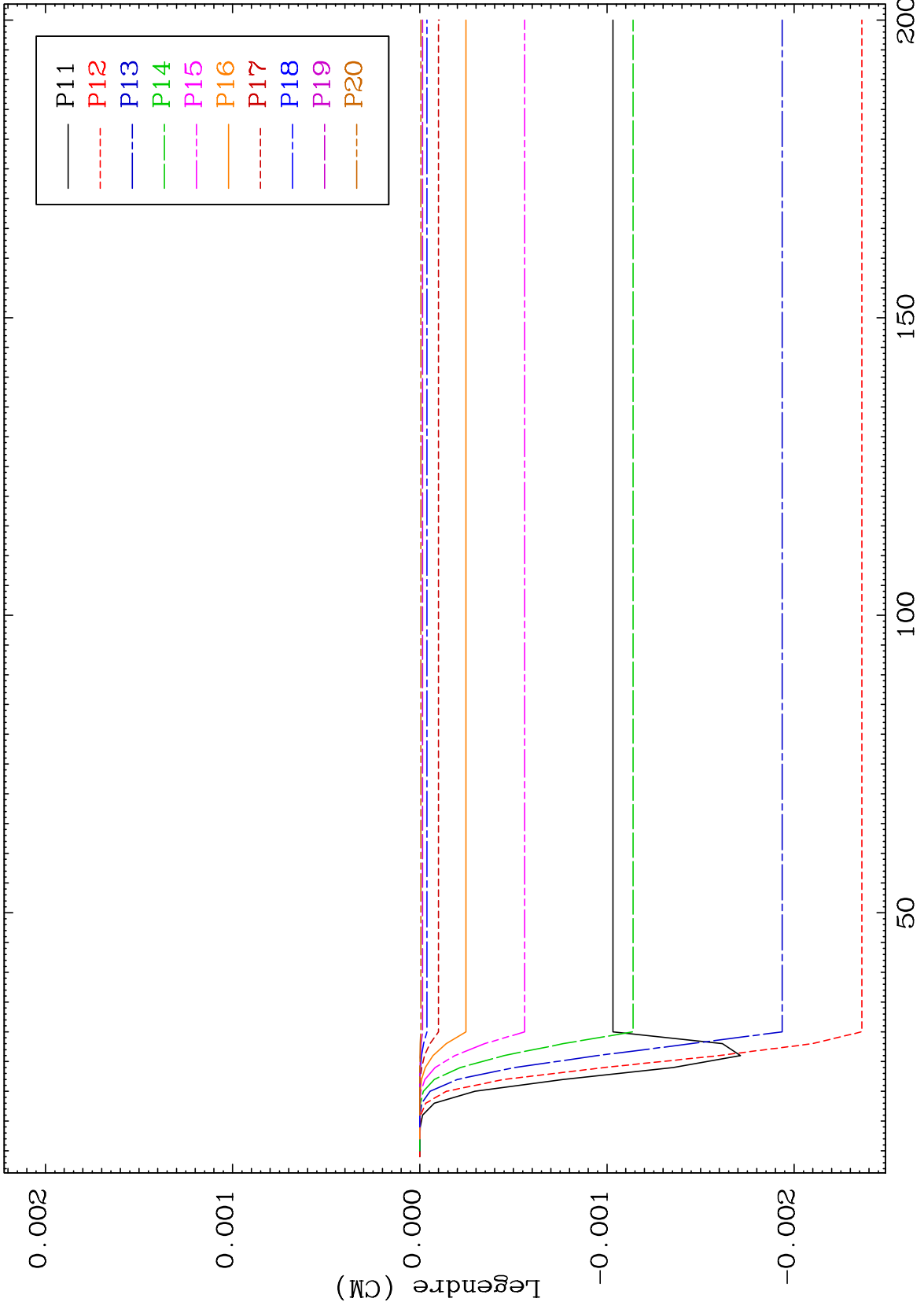
Incident Energy (MeV)

14-Si-29

MAT 1428

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

14-Si-29

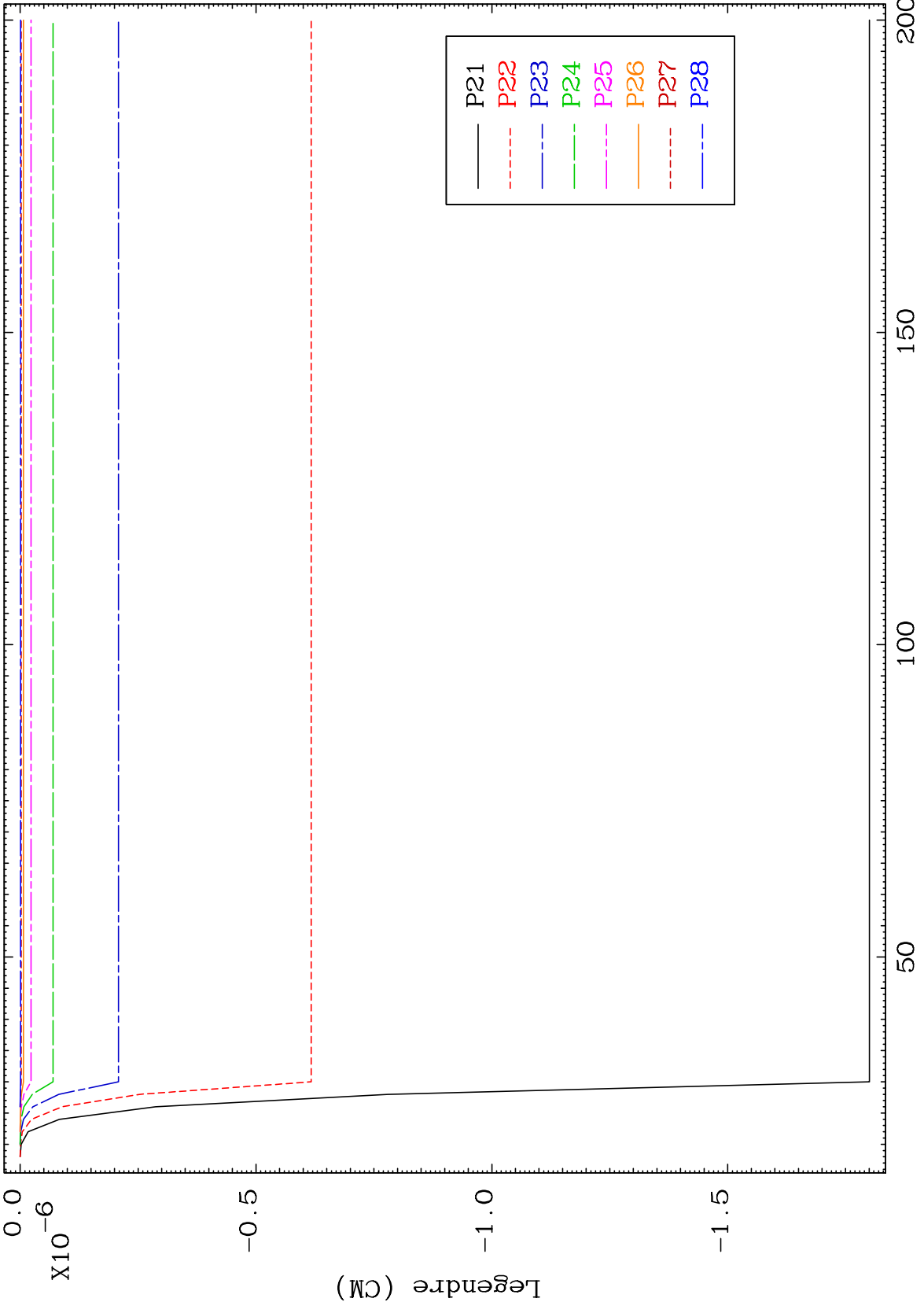


69

Incident Energy (MeV)

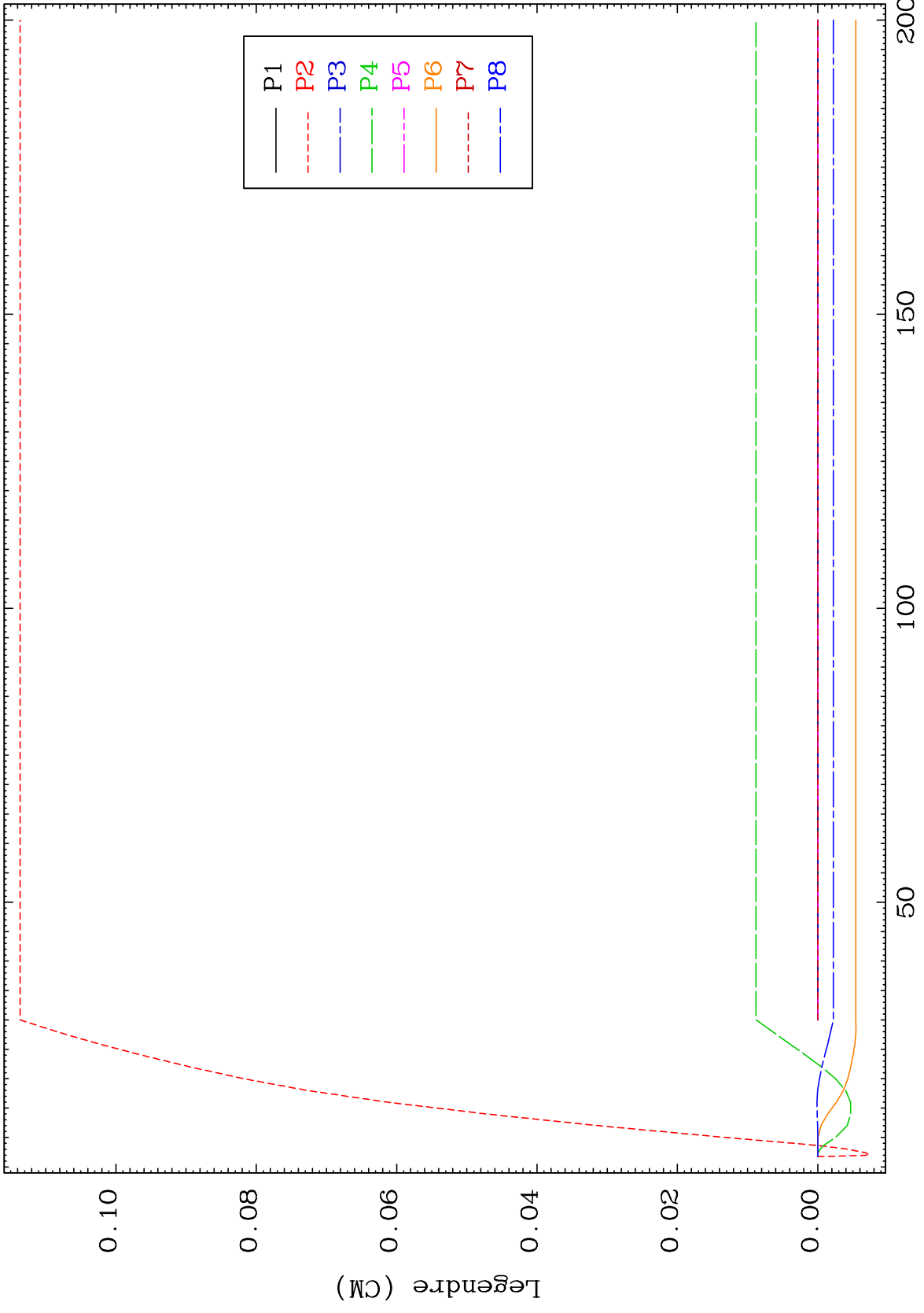
14-Si-29

MAT 1428 MT= 69 (n,n') Level Legendre Coefficients 14-Si-29



70 Incident Energy (MeV) 14-Si-29

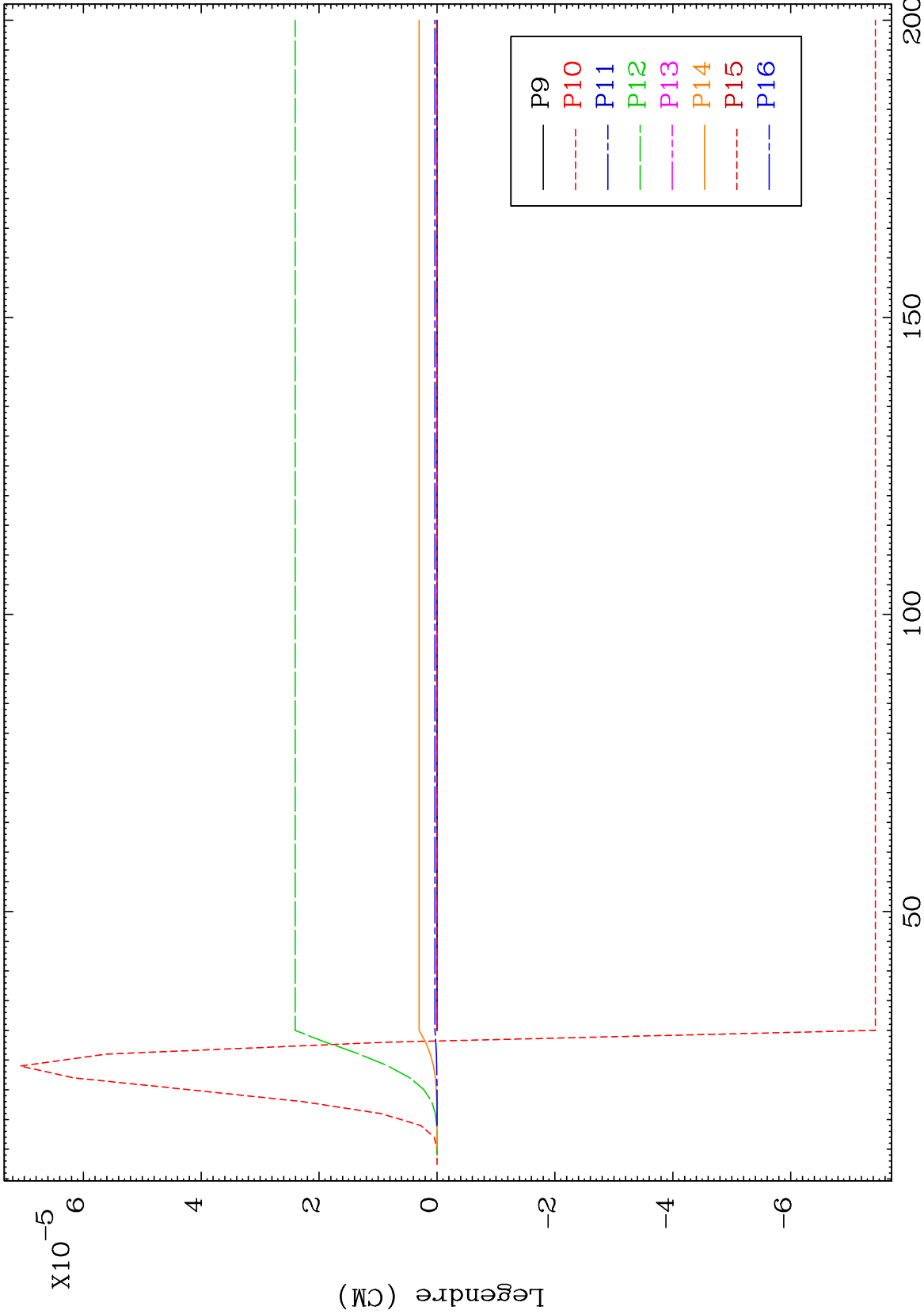
MAT 1428 MT= 70 (n,n') Level Legendre Coefficients 14-Si-29



MAT 1428

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

14-Si-29

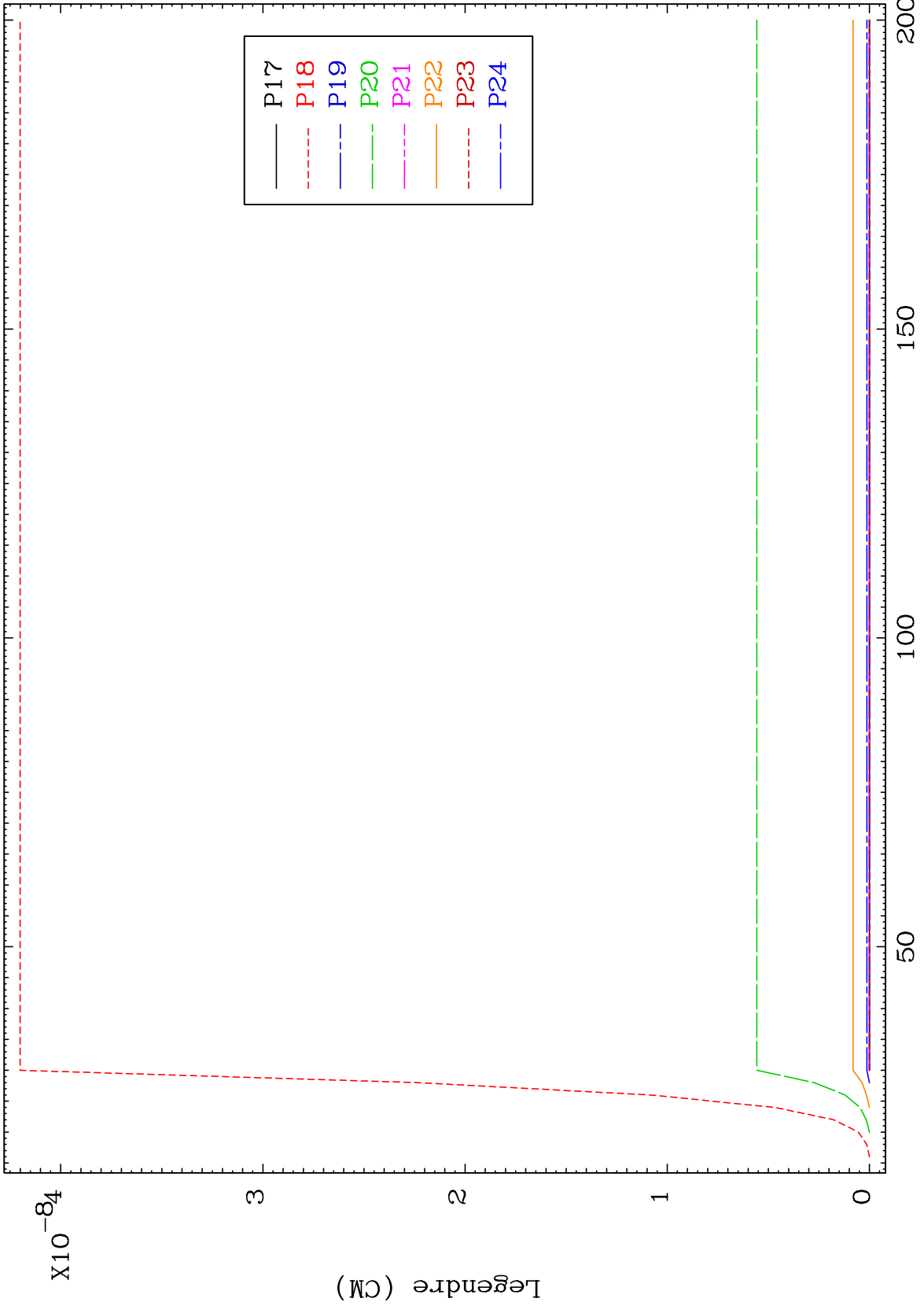


72

Incident Energy (MeV)

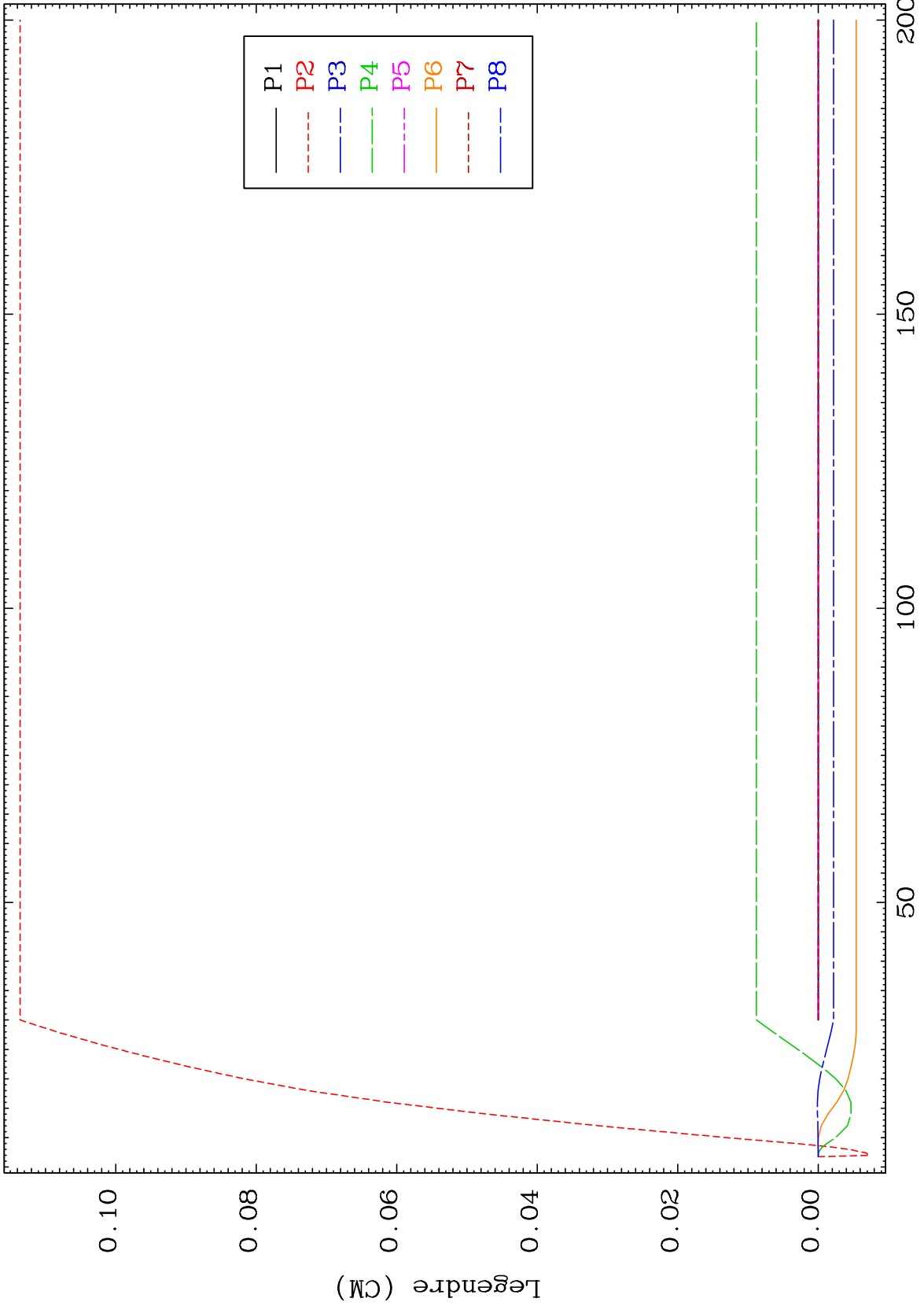
14-Si-29

MAT 1428 MT= 70 (n,n') Level Legendre Coefficients 14-Si-29



73 Incident Energy (MeV) 14-Si-29

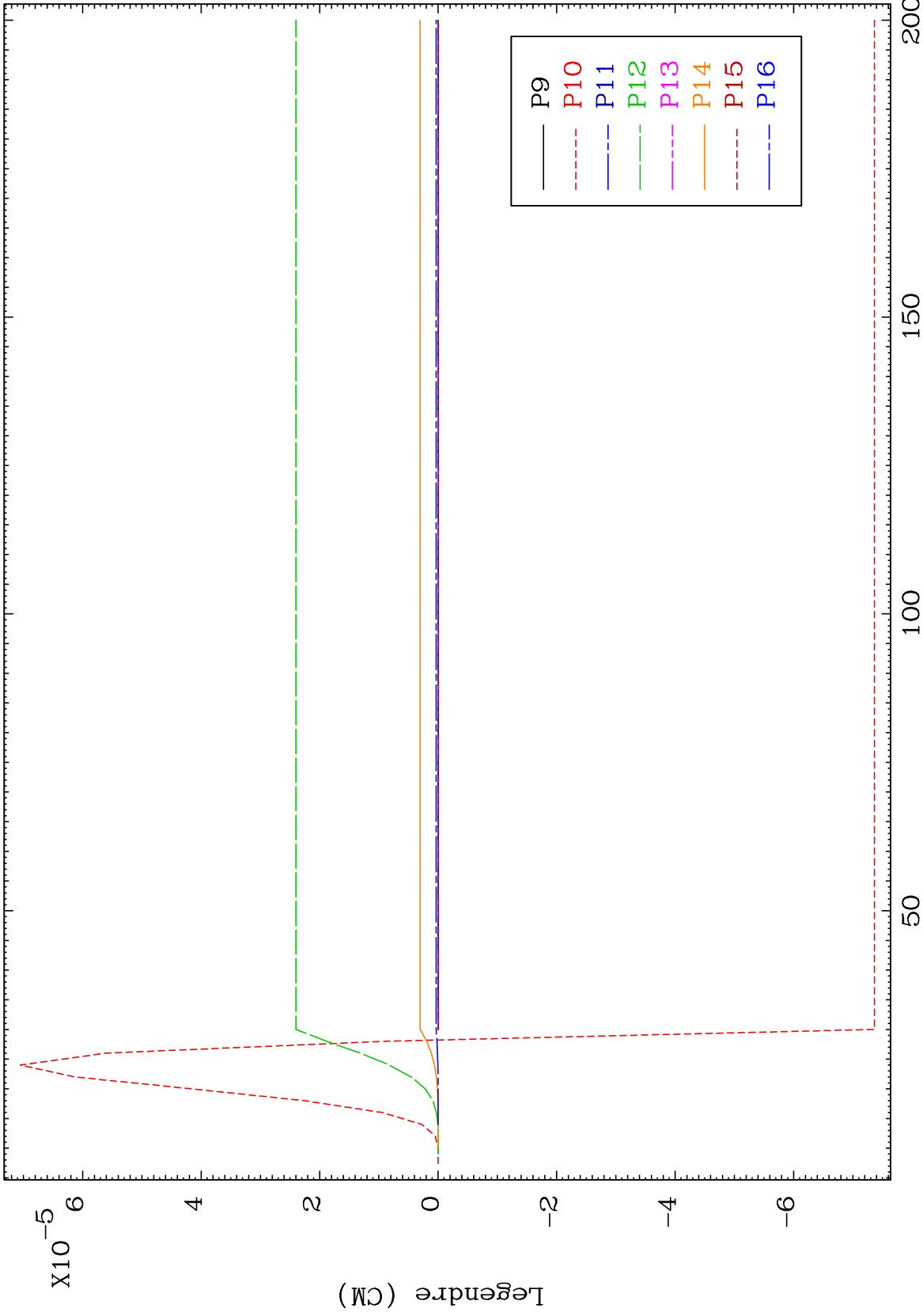
MAT 1428 MT= 71 (n,n') Level Legendre Coefficients 14-Si-29



MAT 1428

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

14-Si-29

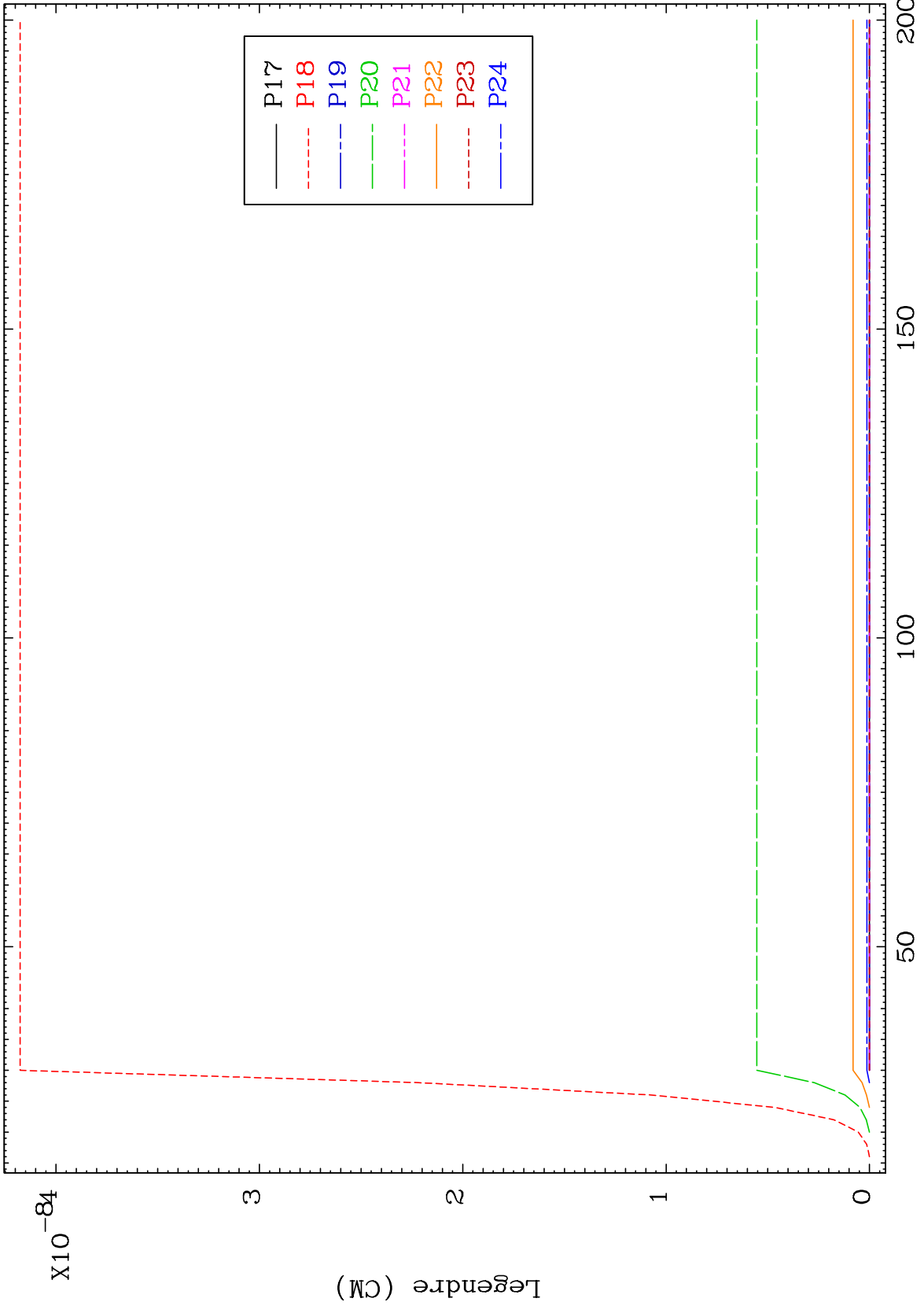


75

Incident Energy (MeV)

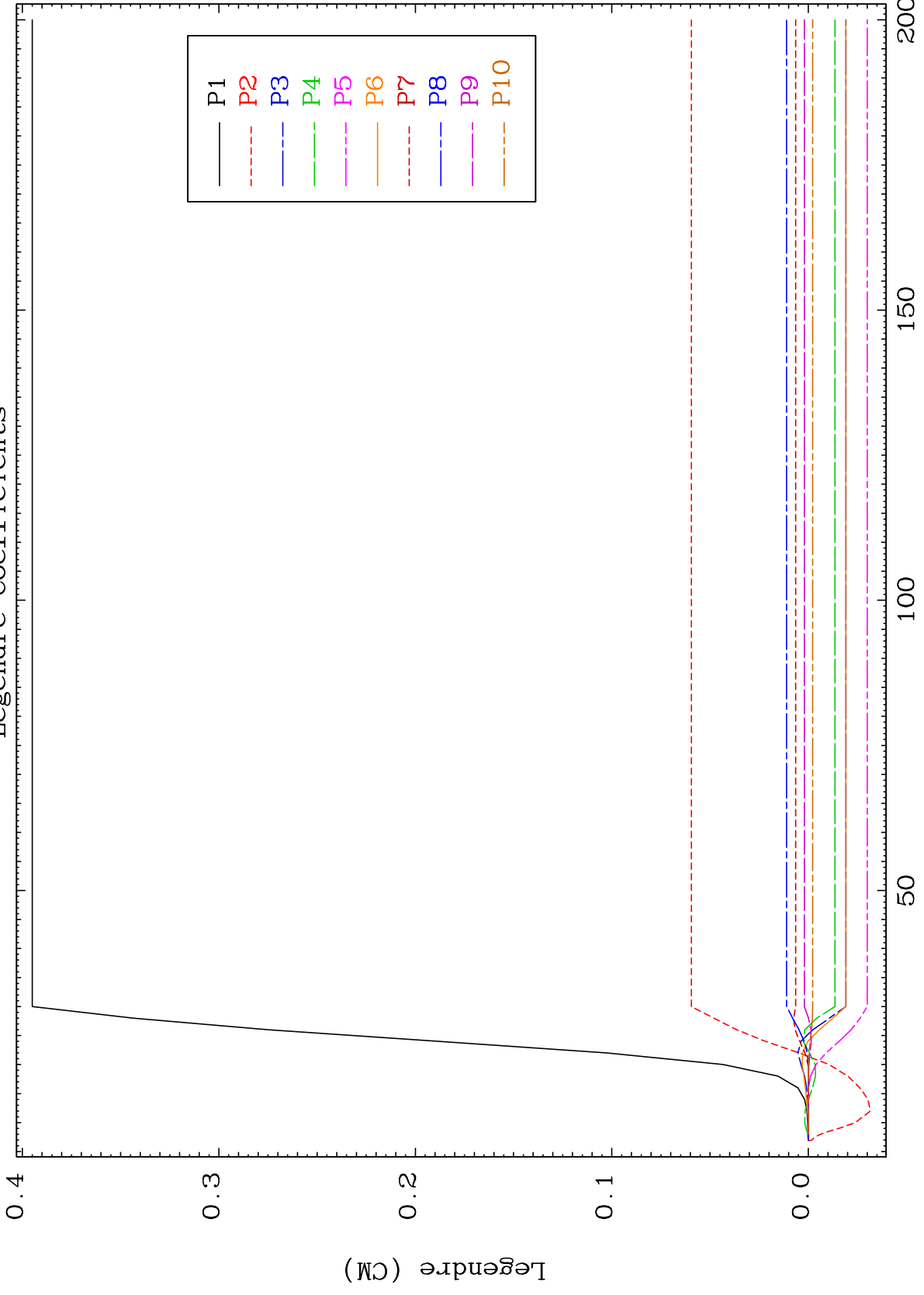
14-Si-29

MAT 1428 MT= 71 (n,n') Level Legendre Coefficients 14-Si-29



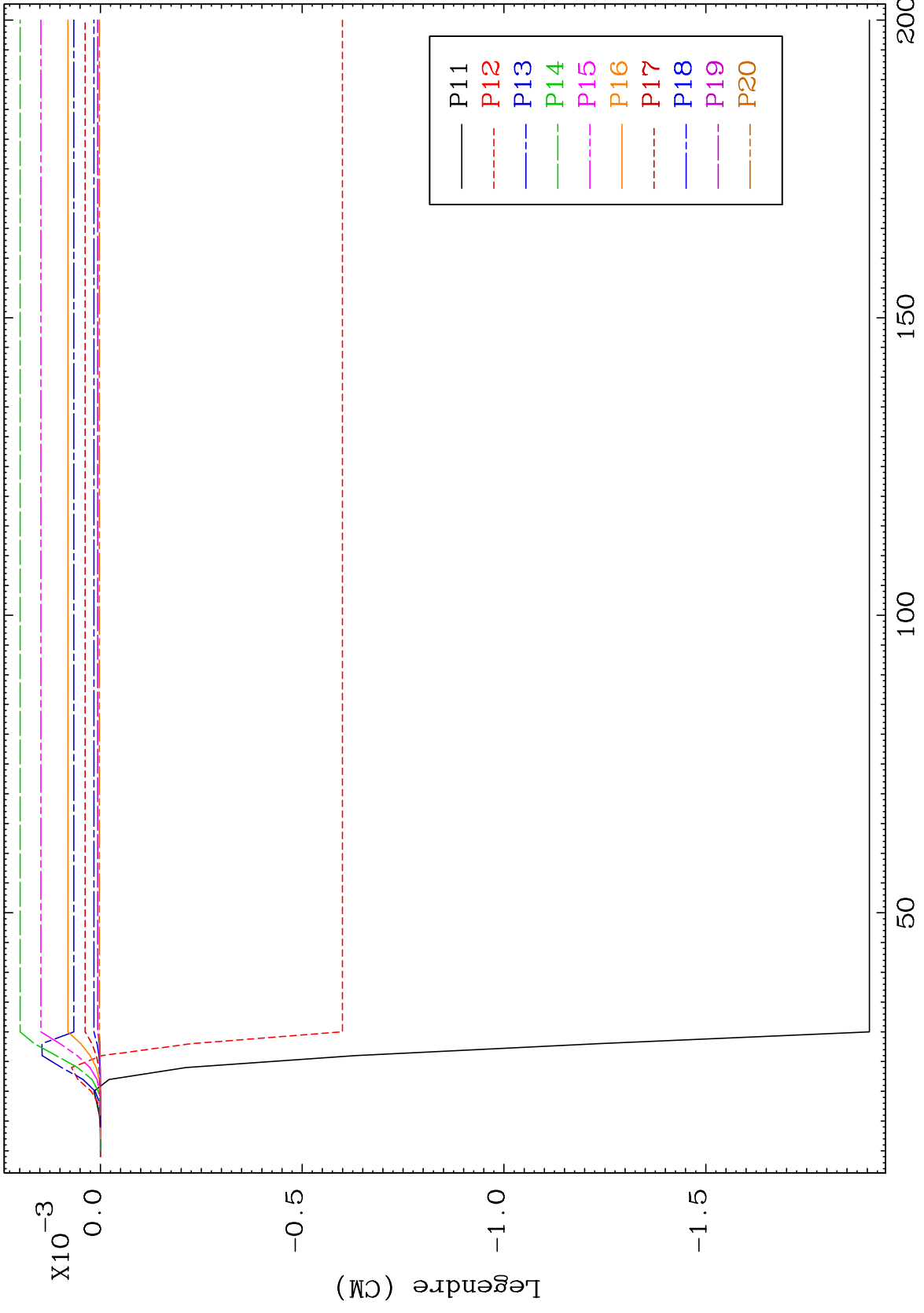
76 14-Si-29

MAT 1428 MT= 72 (n,n') Level Legendre Coefficients 14-Si-29



77 14-Si-29

MAT 1428 MT= 72 (n,n') Level Legendre Coefficients 14-Si-29

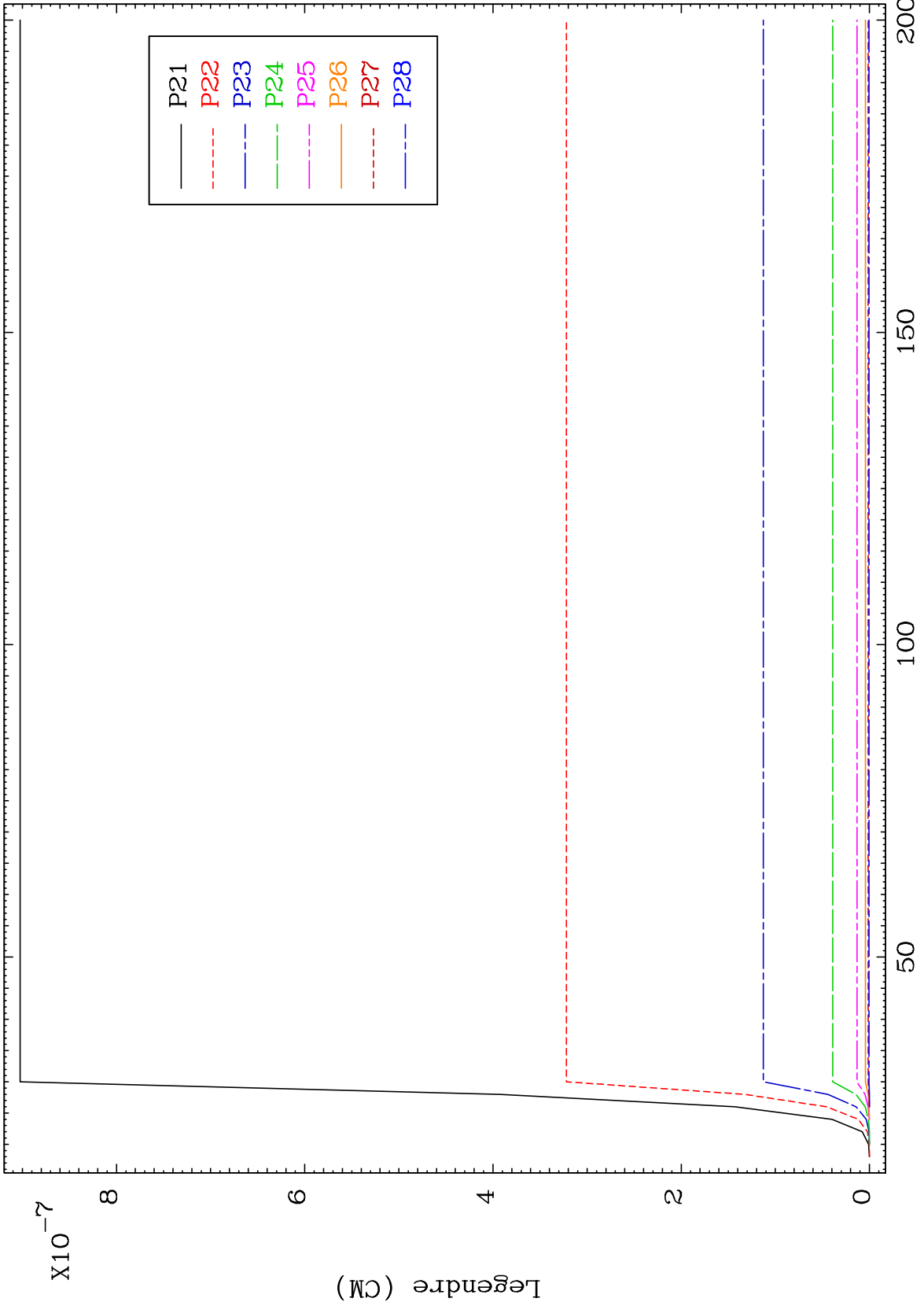


78 14-Si-29

MAT 1428

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

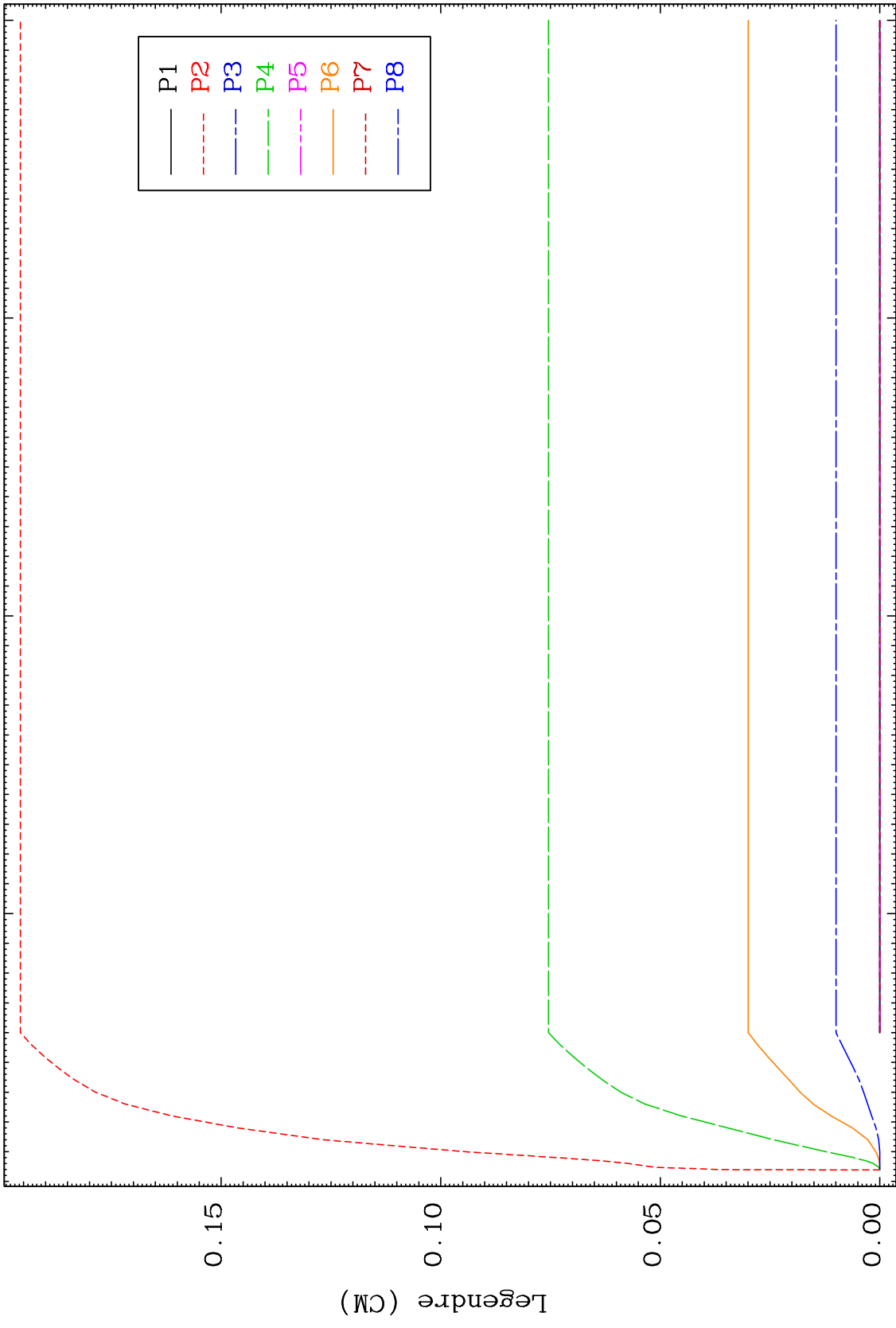
14-Si-29



79

14-Si-29

MAT 1428 MT= 73 (n,n') Level Legendre Coefficients 14-Si-29

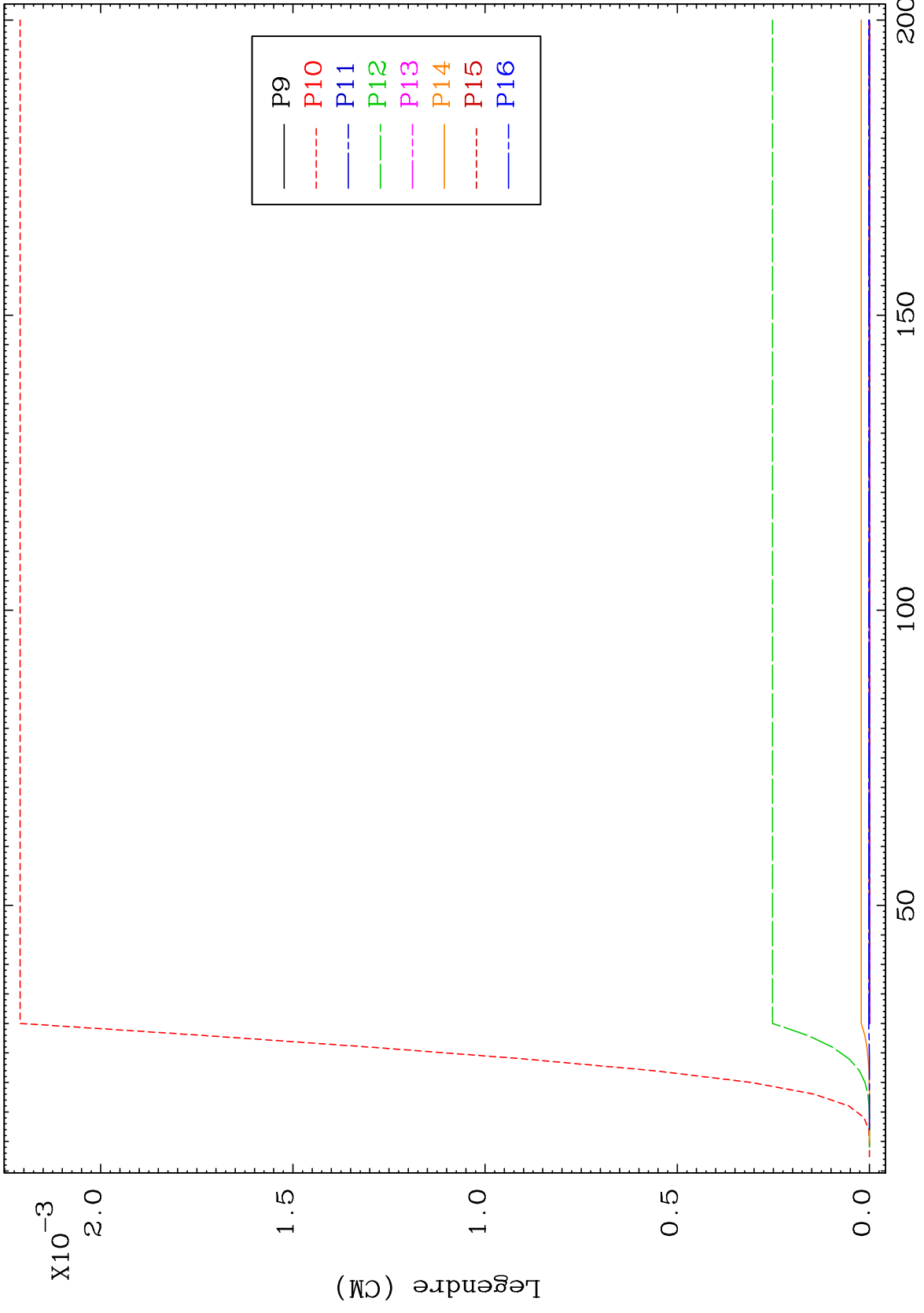


80 50 100 150 200 Incident Energy (MeV) 14-Si-29

MAT 1428 MT= 73 (n,n') Level Legendre Coefficients

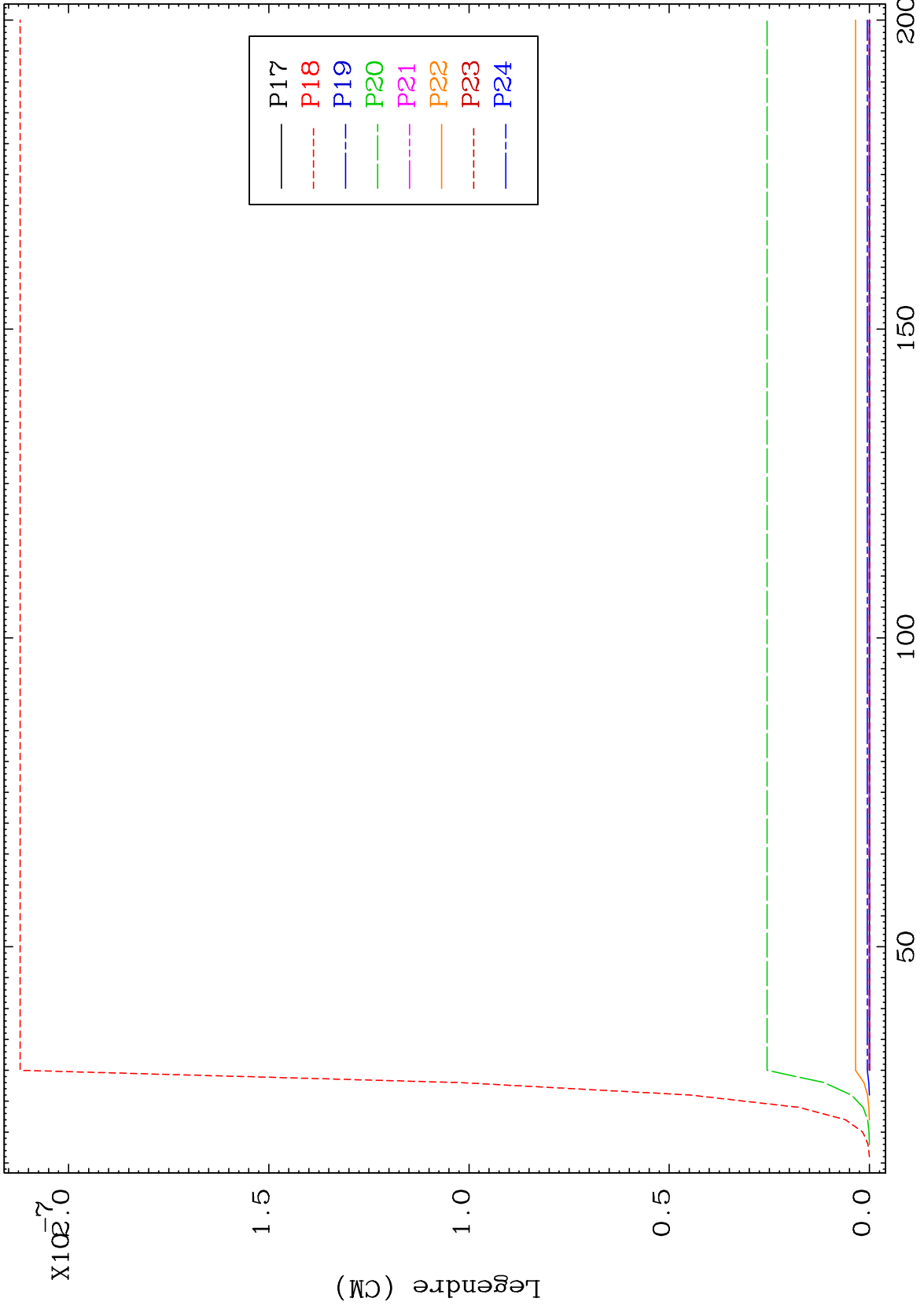
14-Si-29

14-Si-29



81

MAT 1428 MT= 73 (n,n') Level Legendre Coefficients 14-Si-29

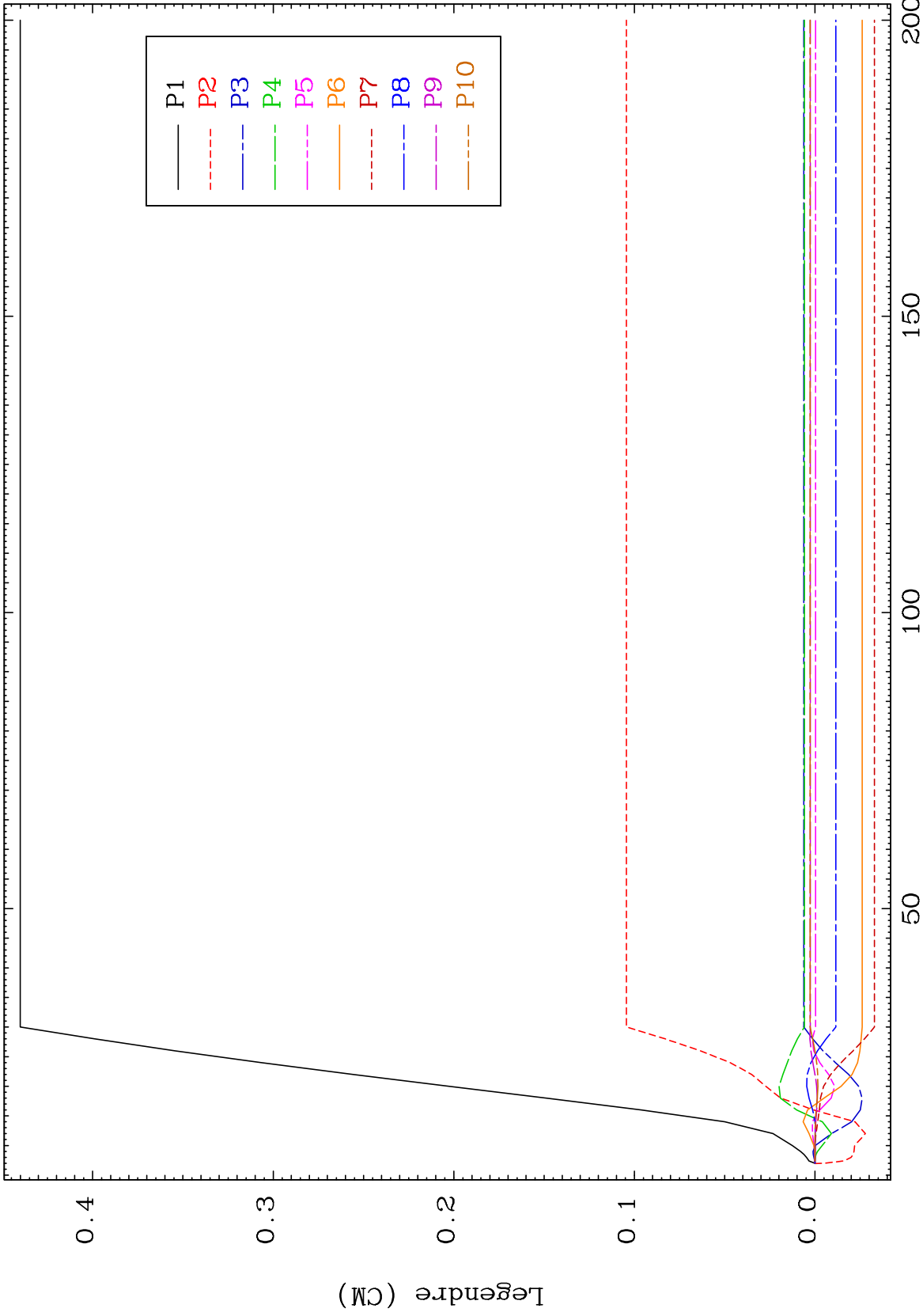


82 14-Si-29

MAT 1428

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

14-Si-29

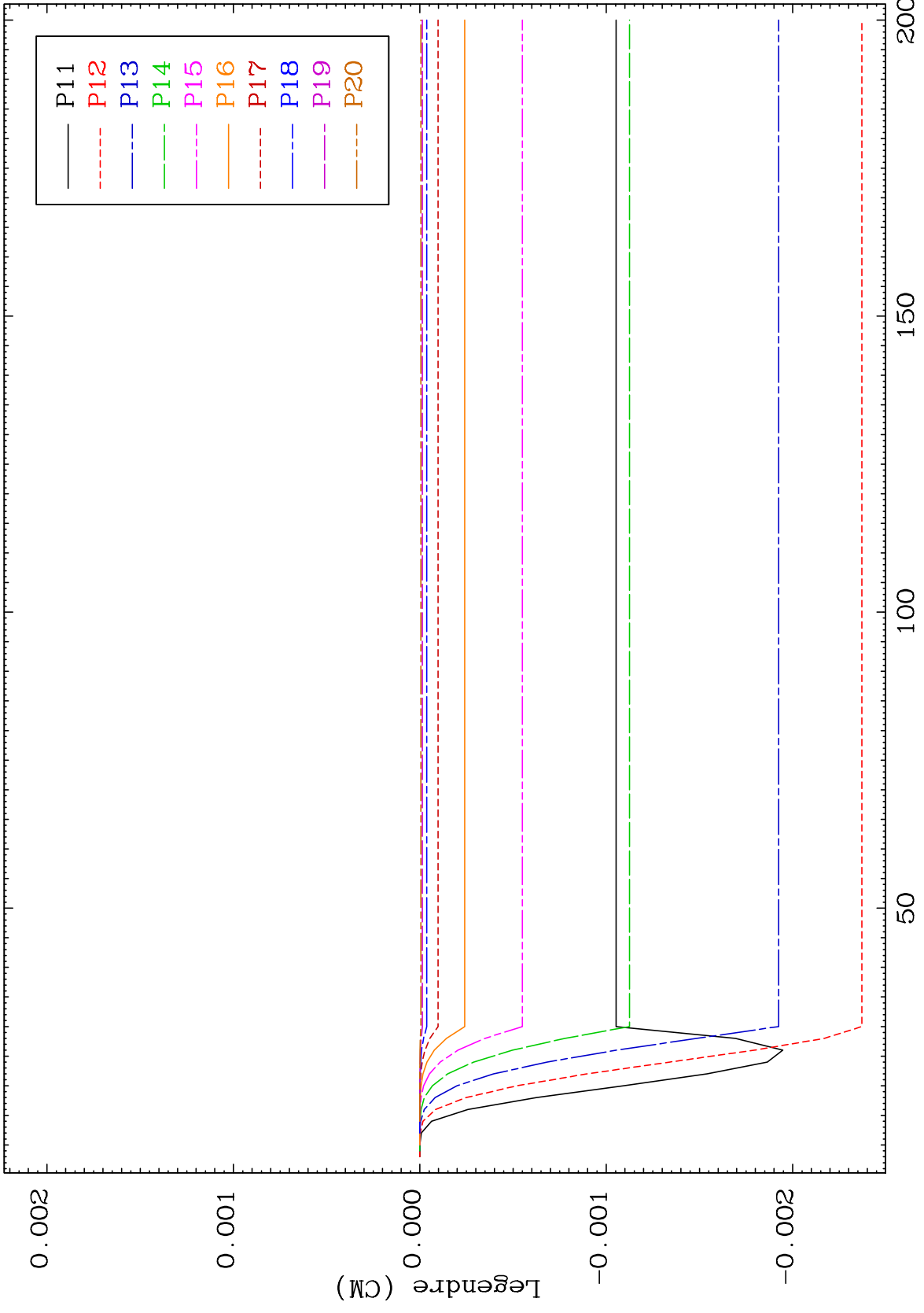


83

Incident Energy (MeV)

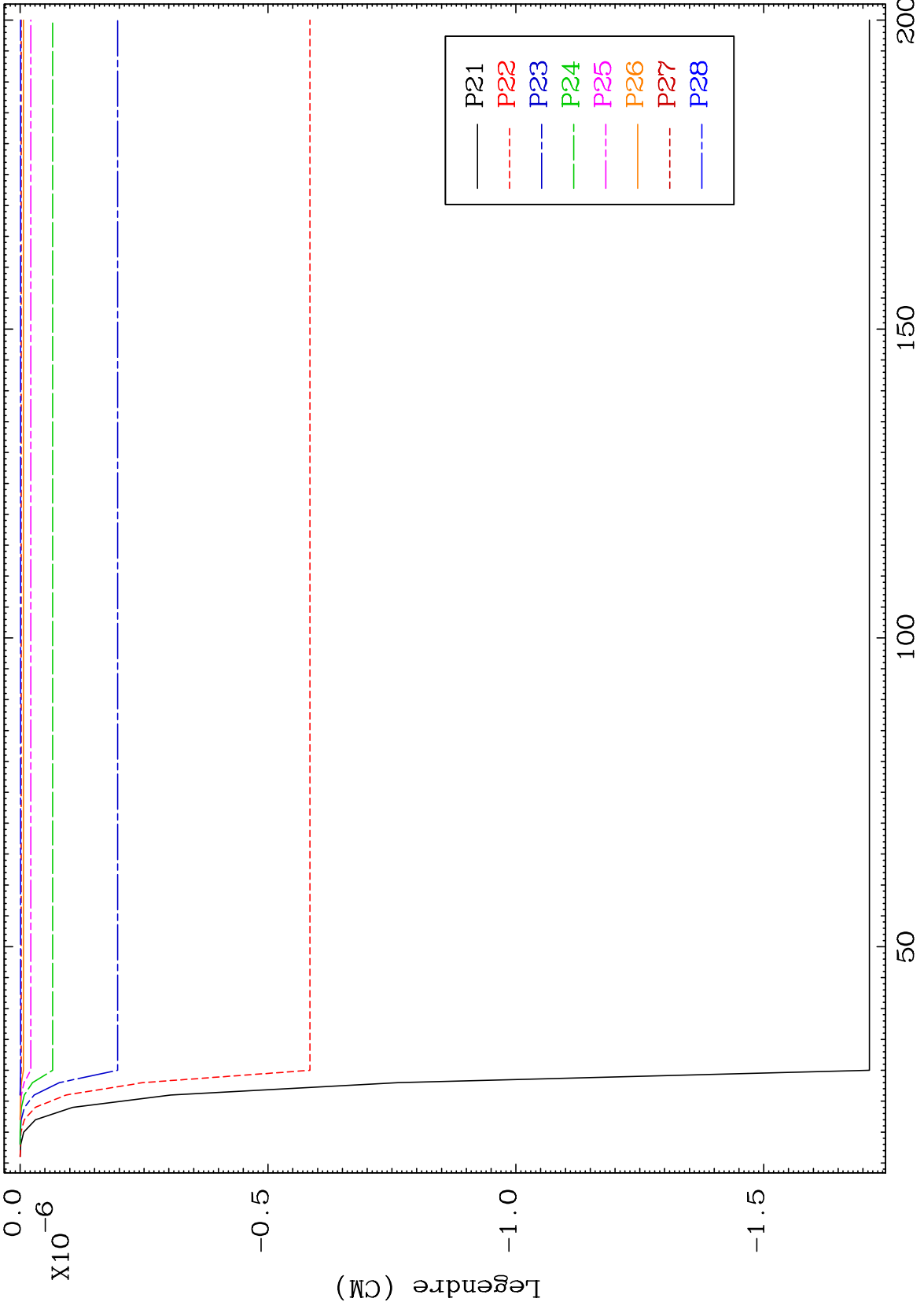
14-Si-29

MAT 1428 MT= 74 (n,n') Level Legendre Coefficients 14-Si-29



84 Incident Energy (MeV) 14-Si-29

MAT 1428 MT= 74 (n,n') Level Legendre Coefficients 14-Si-29



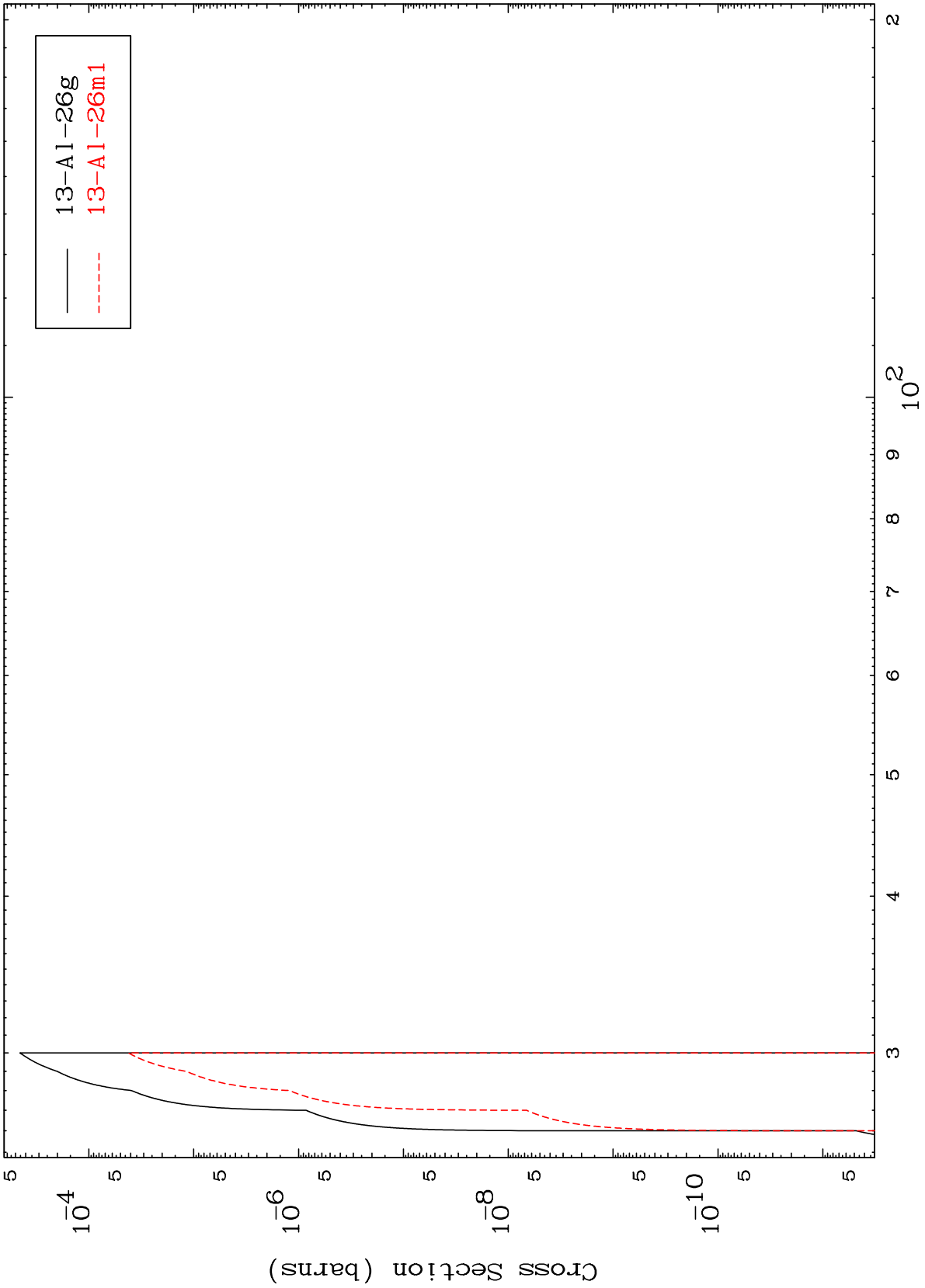
85 Incident Energy (MeV) 14-Si-29

MAT 1428

(n,n') t

14-Si-29

Radionuclide Production Cross Section



86

Incident Energy (MeV)

14-Si-29