

Program EVALPLOT
(Version 2018-1)

by

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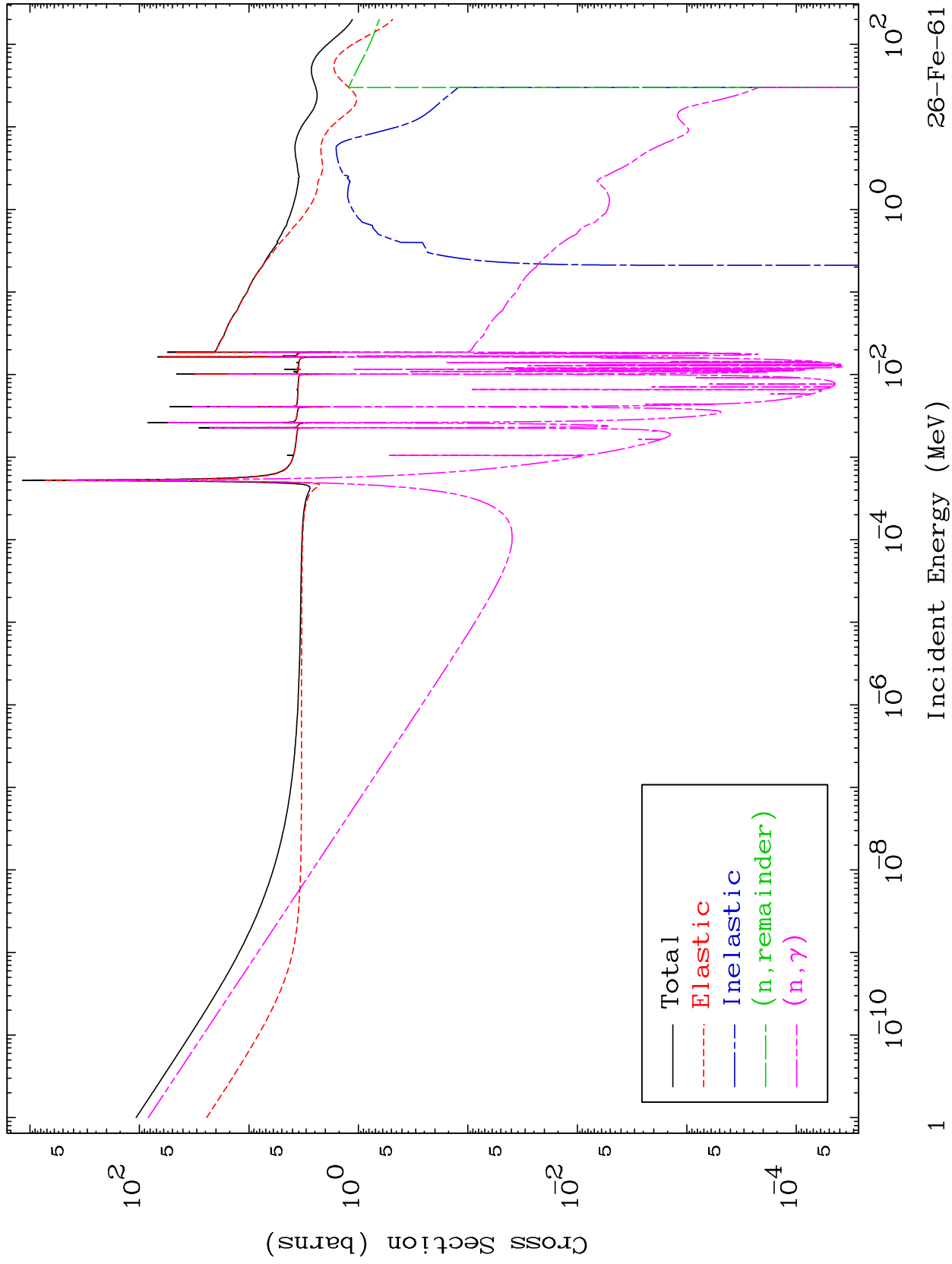
Press Mouse Button to Start

MAT 2646

Major

293 Kelvin Cross Sections

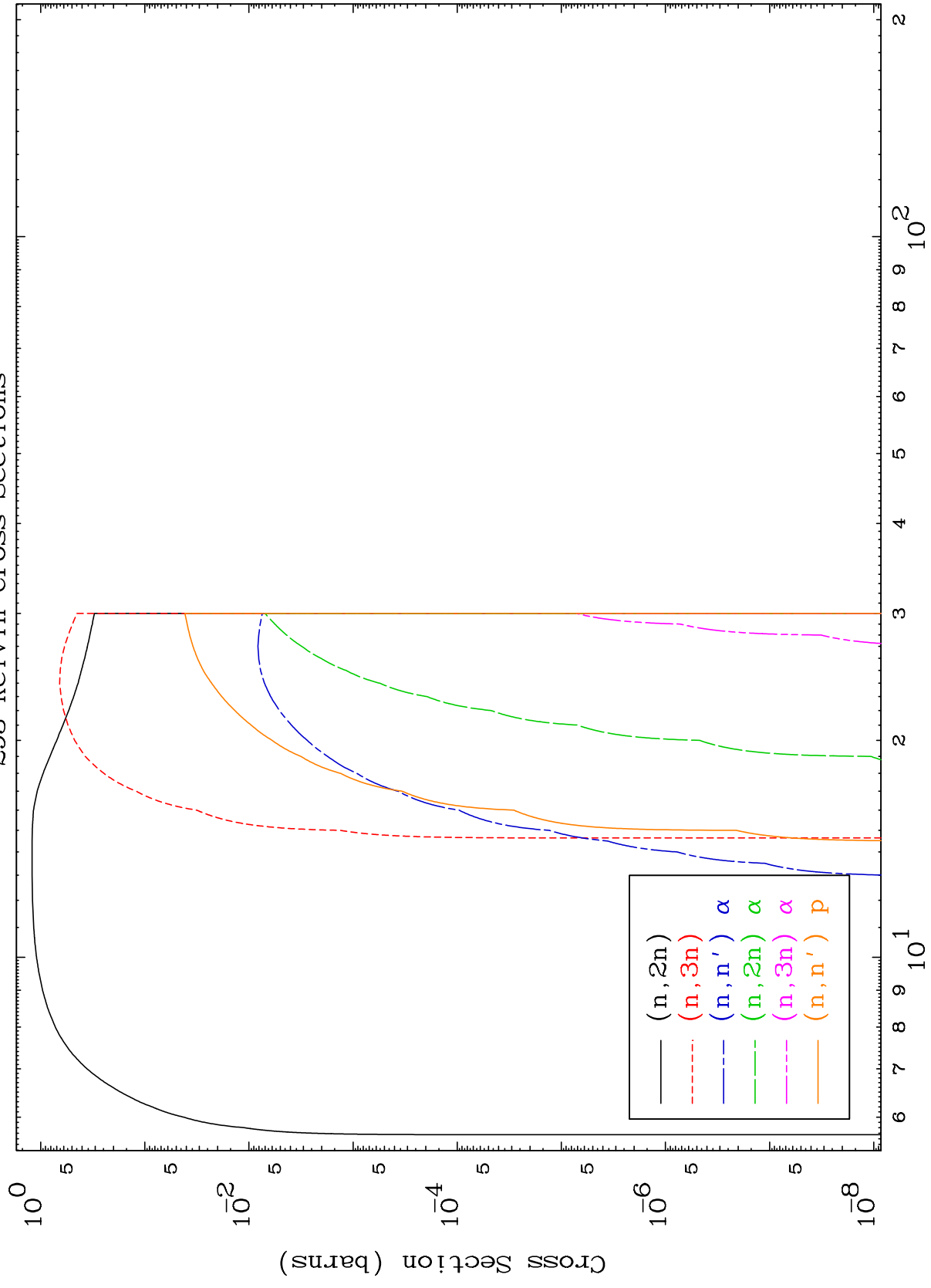
26-Fe-61



MAT 2646

Neutron Production
293 Kelvin Cross Sections

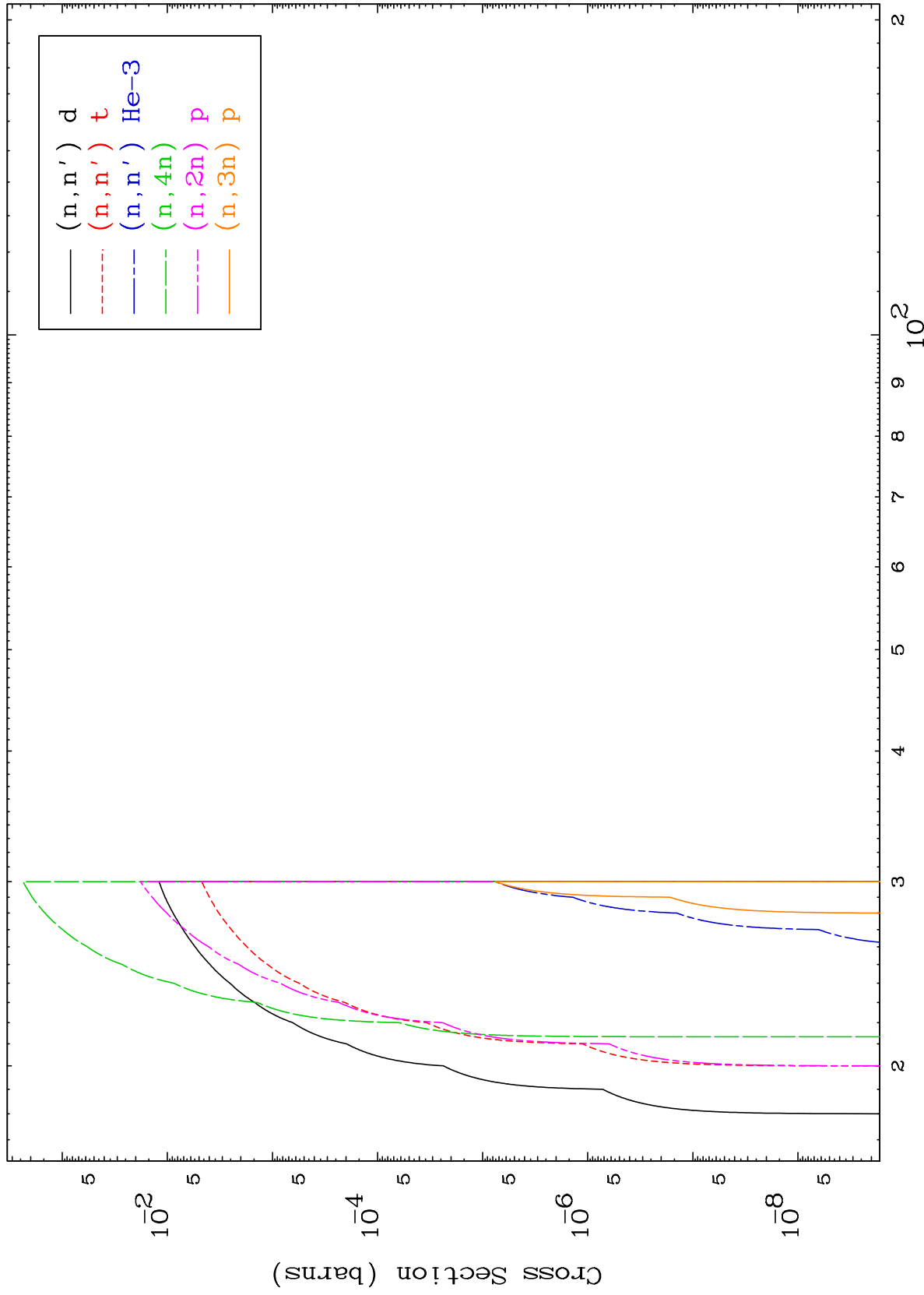
²⁶Fe-61



2

Incident Energy (MeV)

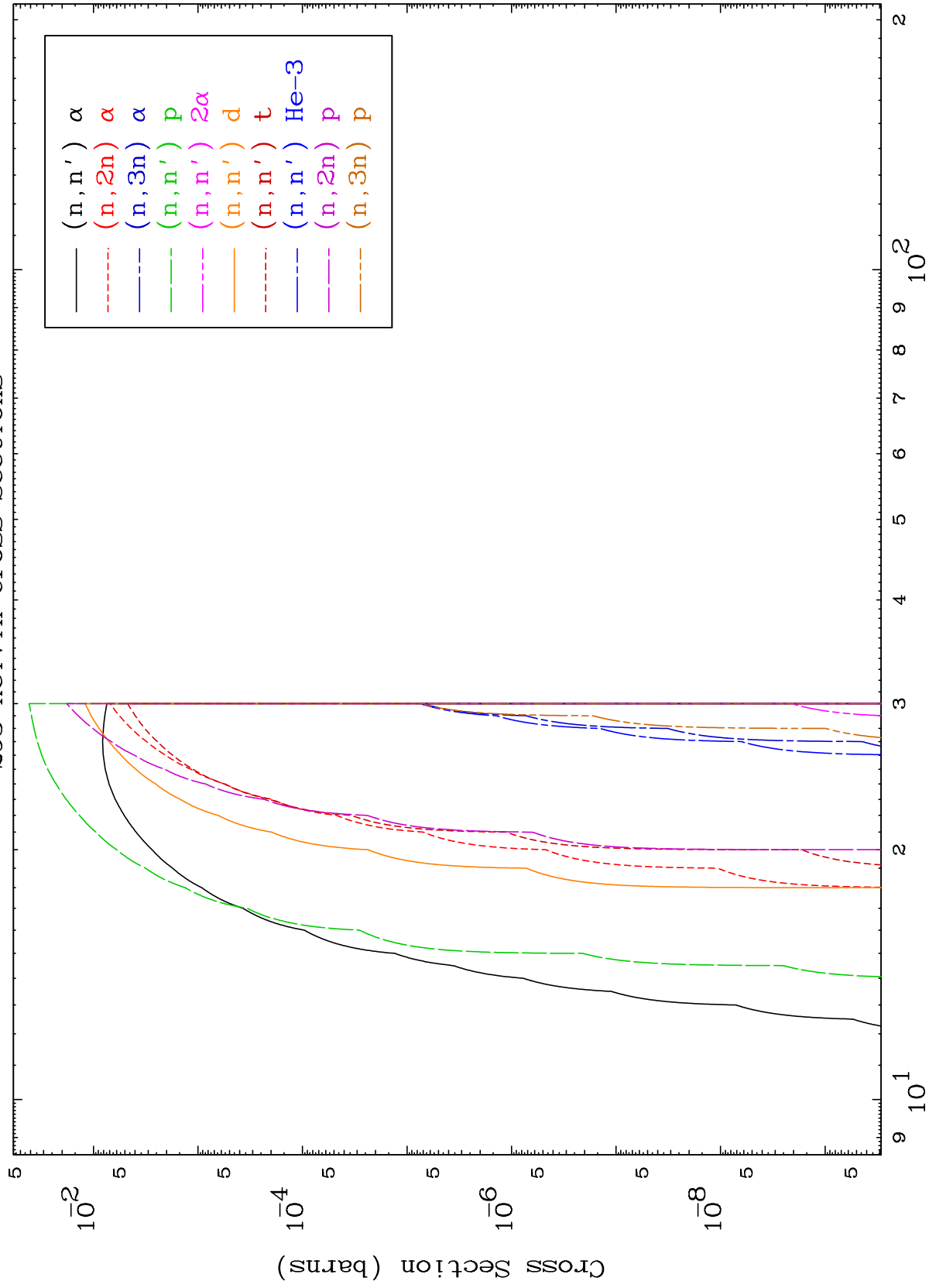
²⁶Fe-61



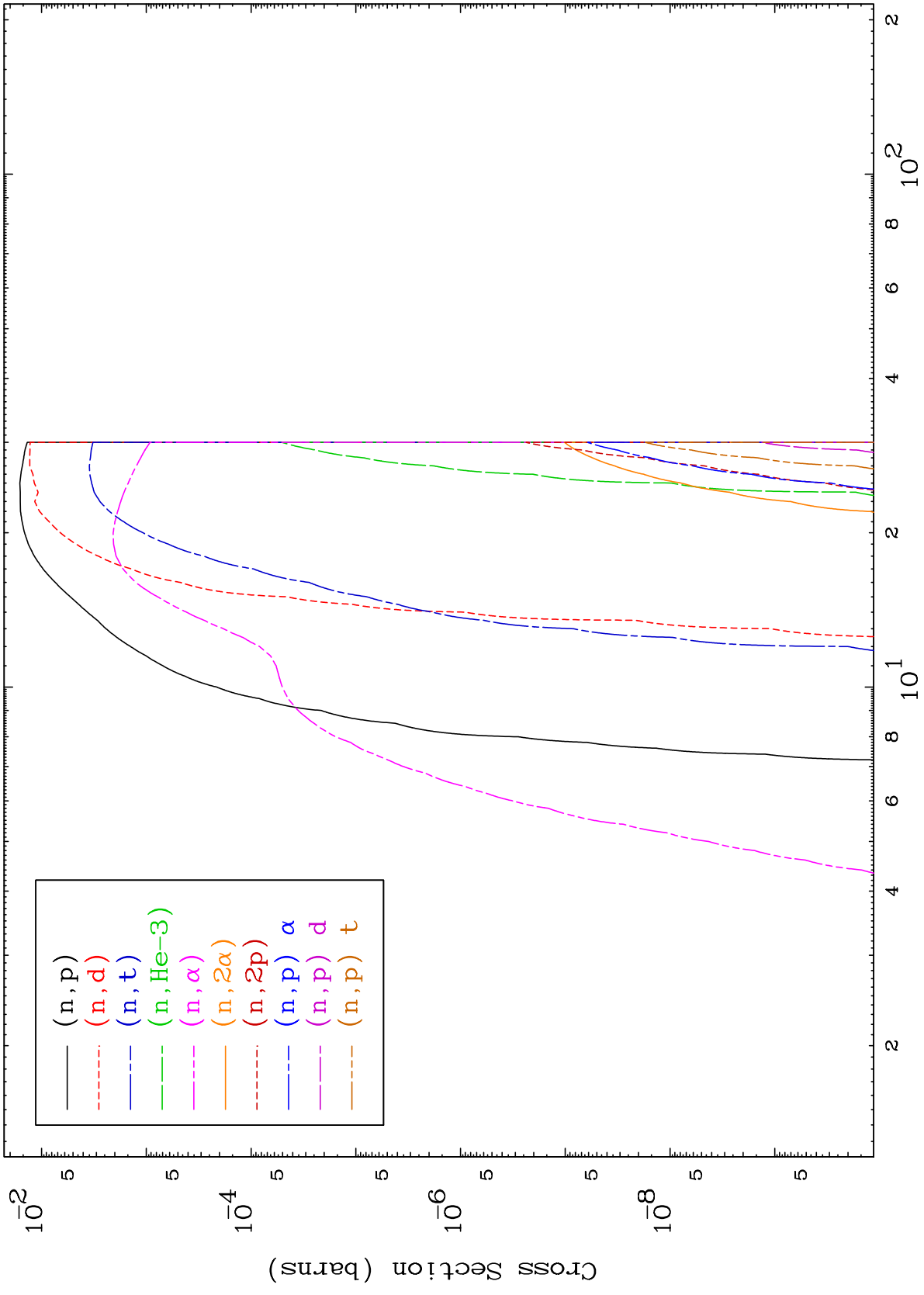
MAT 2646

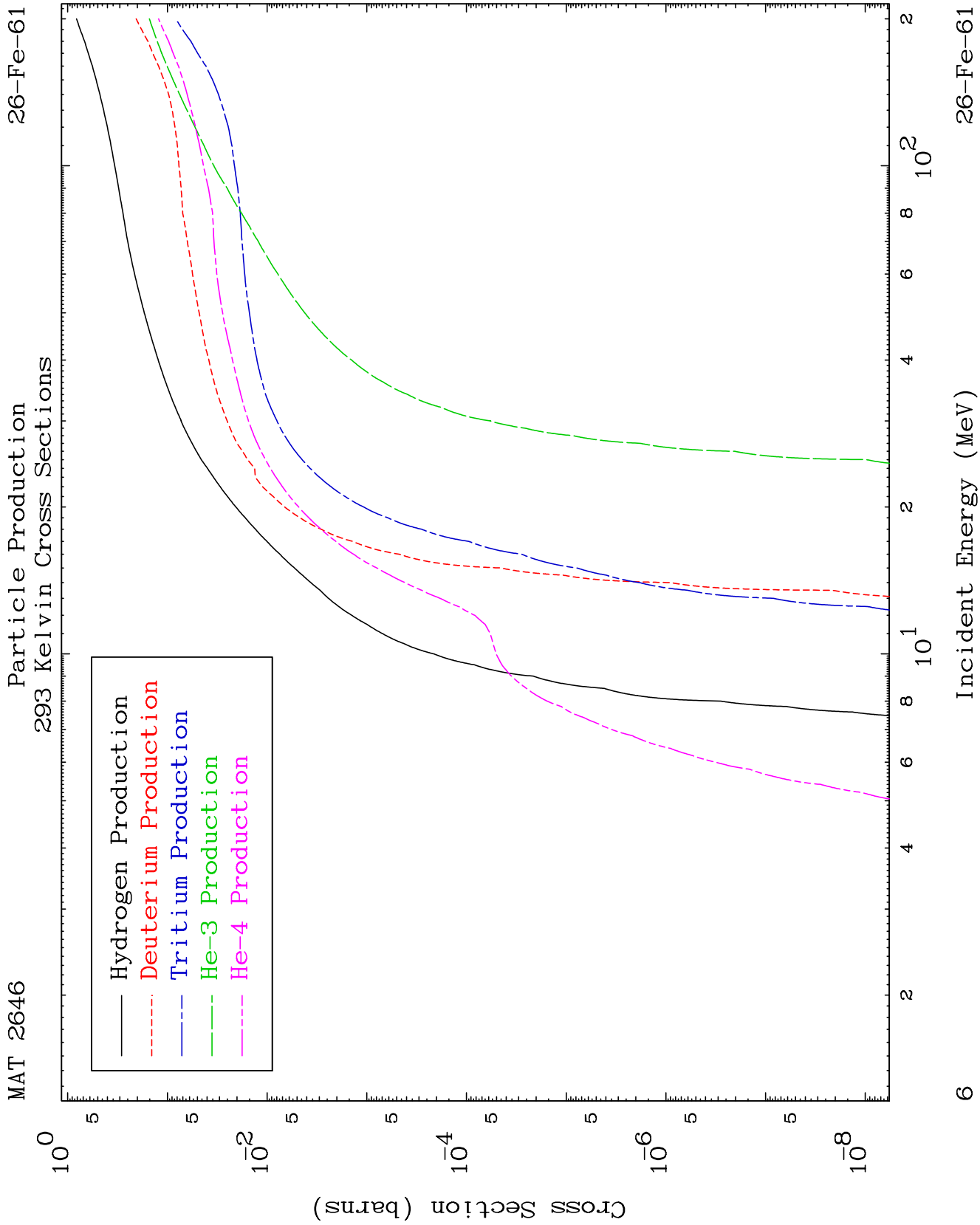
Charged Particle
293 Kelvin Cross Sections

26-Fe-61



4



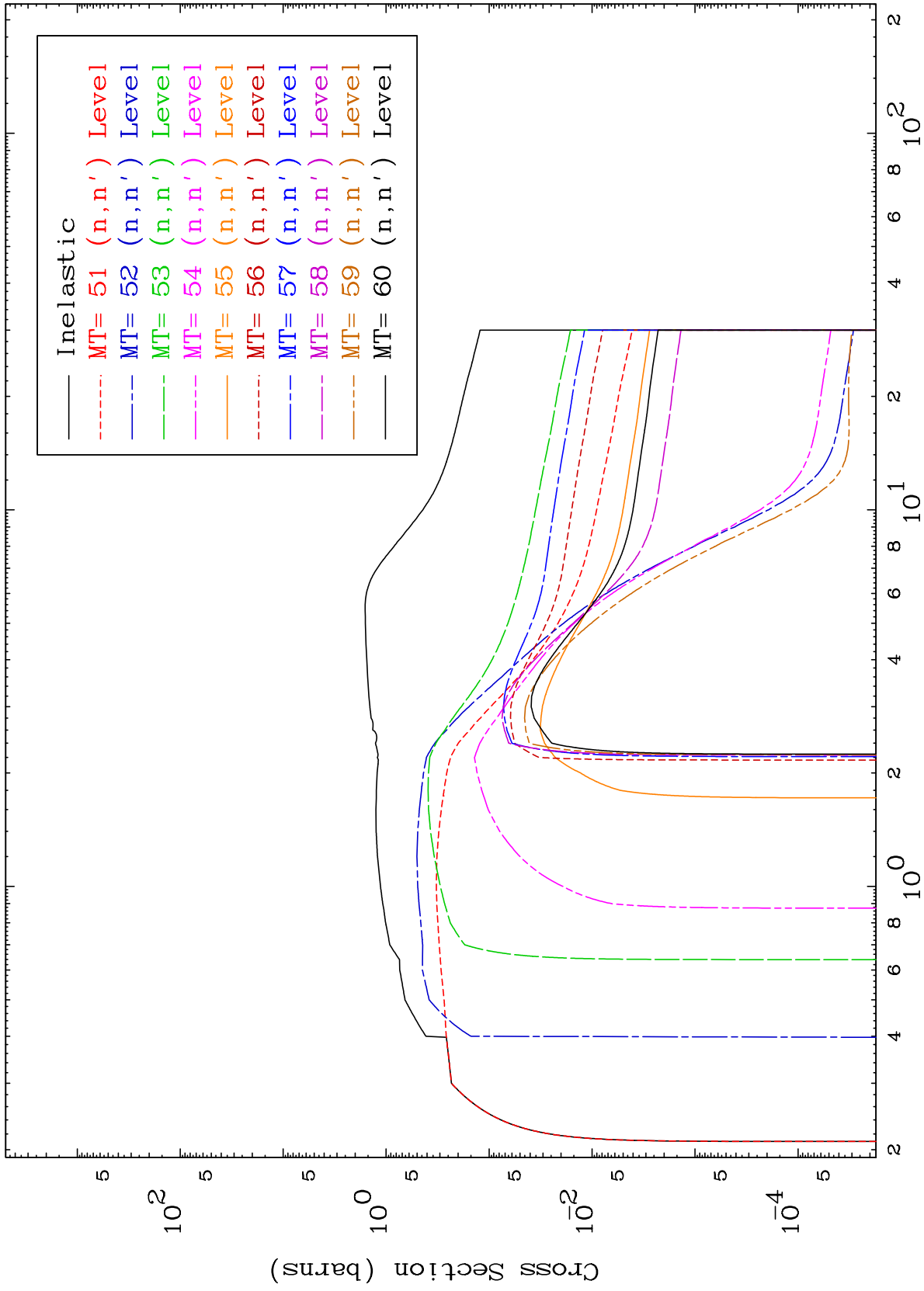


MAT 2646

(n,n') Level

26-Fe-61

293 Kelvin Cross Sections



7

Incident Energy (MeV)

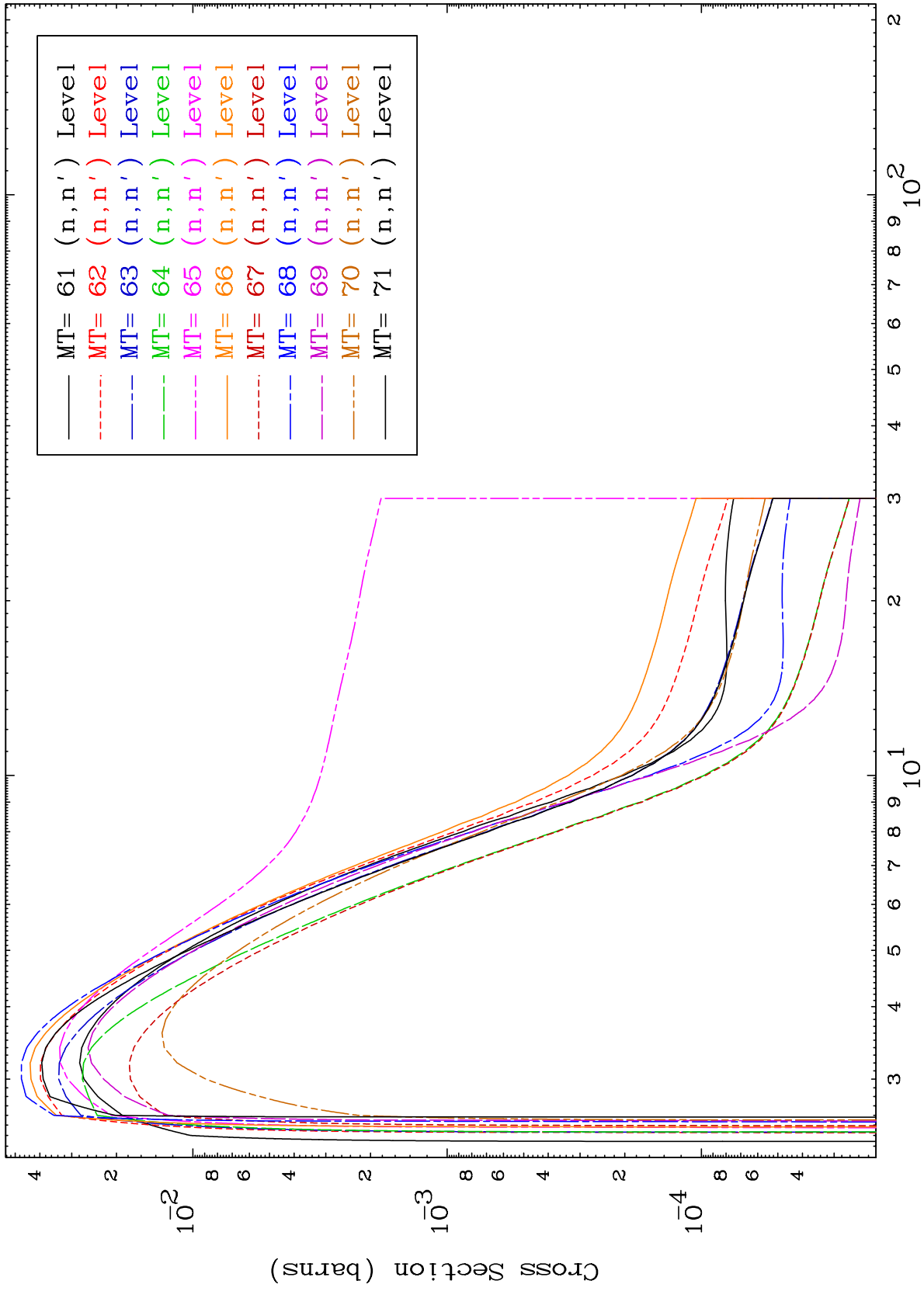
26-Fe-61

MAT 2646

(n,n') Level

26-Fe-61

293 Kelvin Cross Sections



8

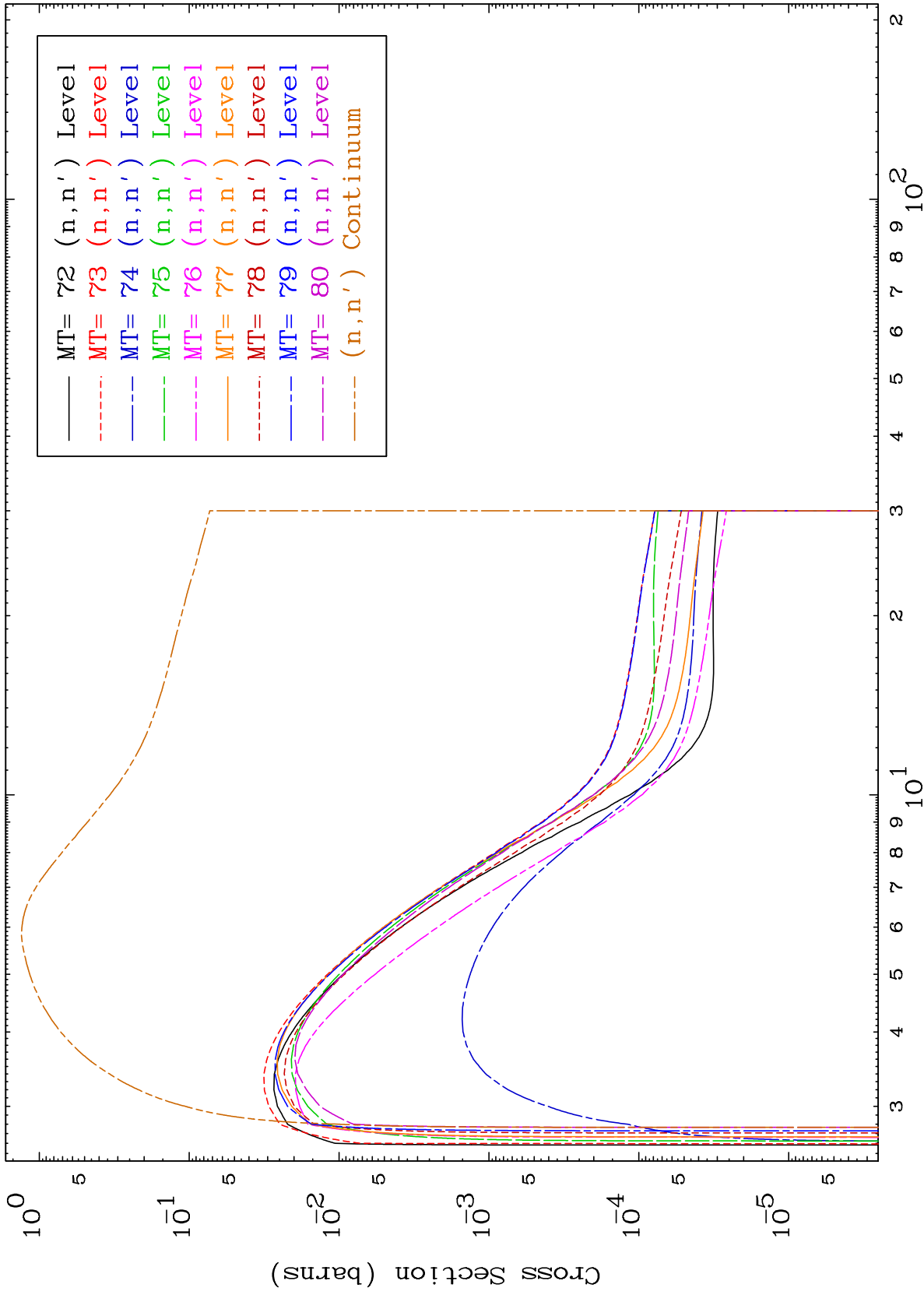
Incident Energy (MeV)

26-Fe-61

MAT 2646

(n,n') Level
293 Kelvin Cross Sections

26-Fe-61



9

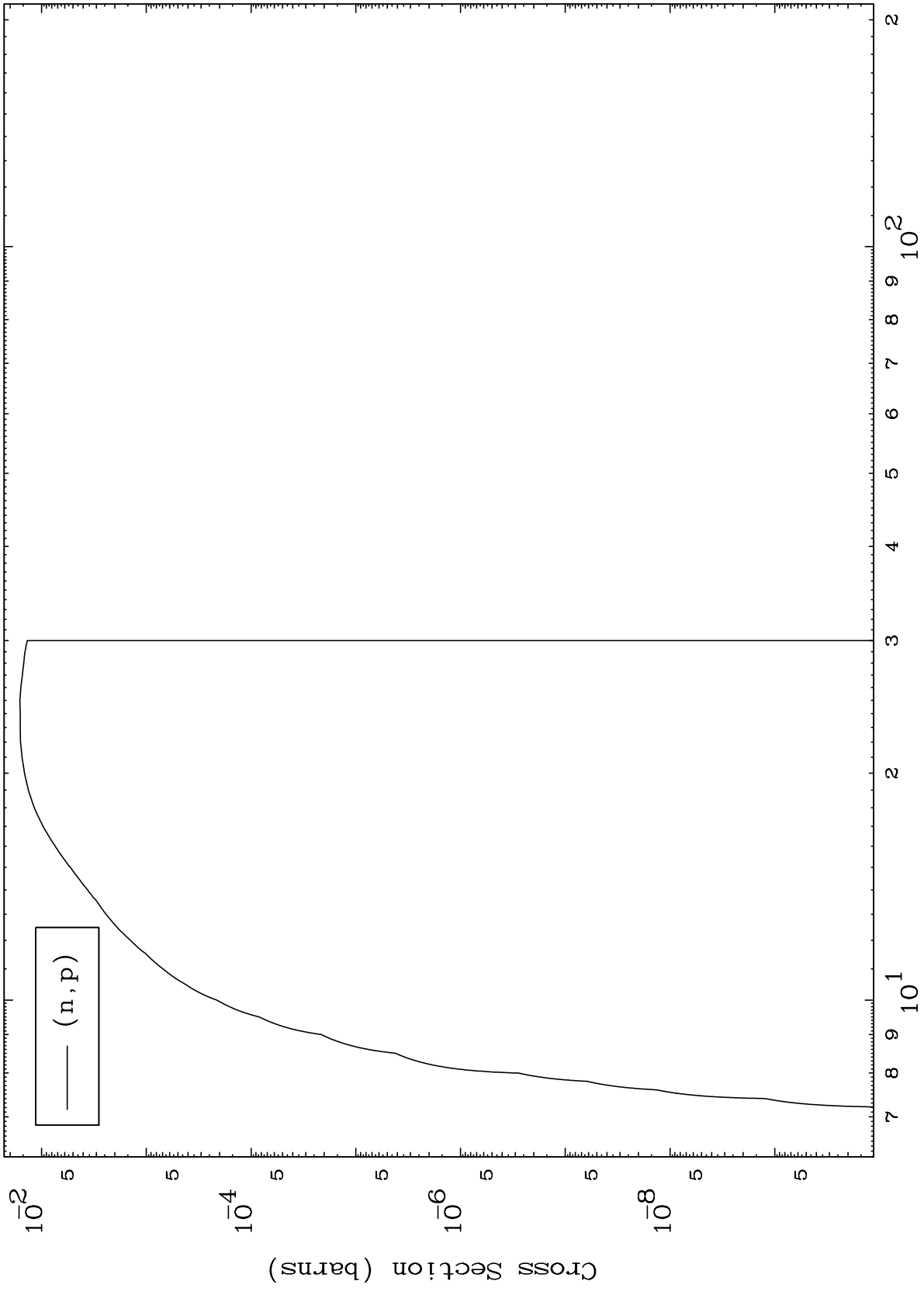
Incident Energy (MeV)

26-Fe-61

MAT 2646

(n,p) Levels
293 Kelvin Cross Sections

²⁶Fe-61



10

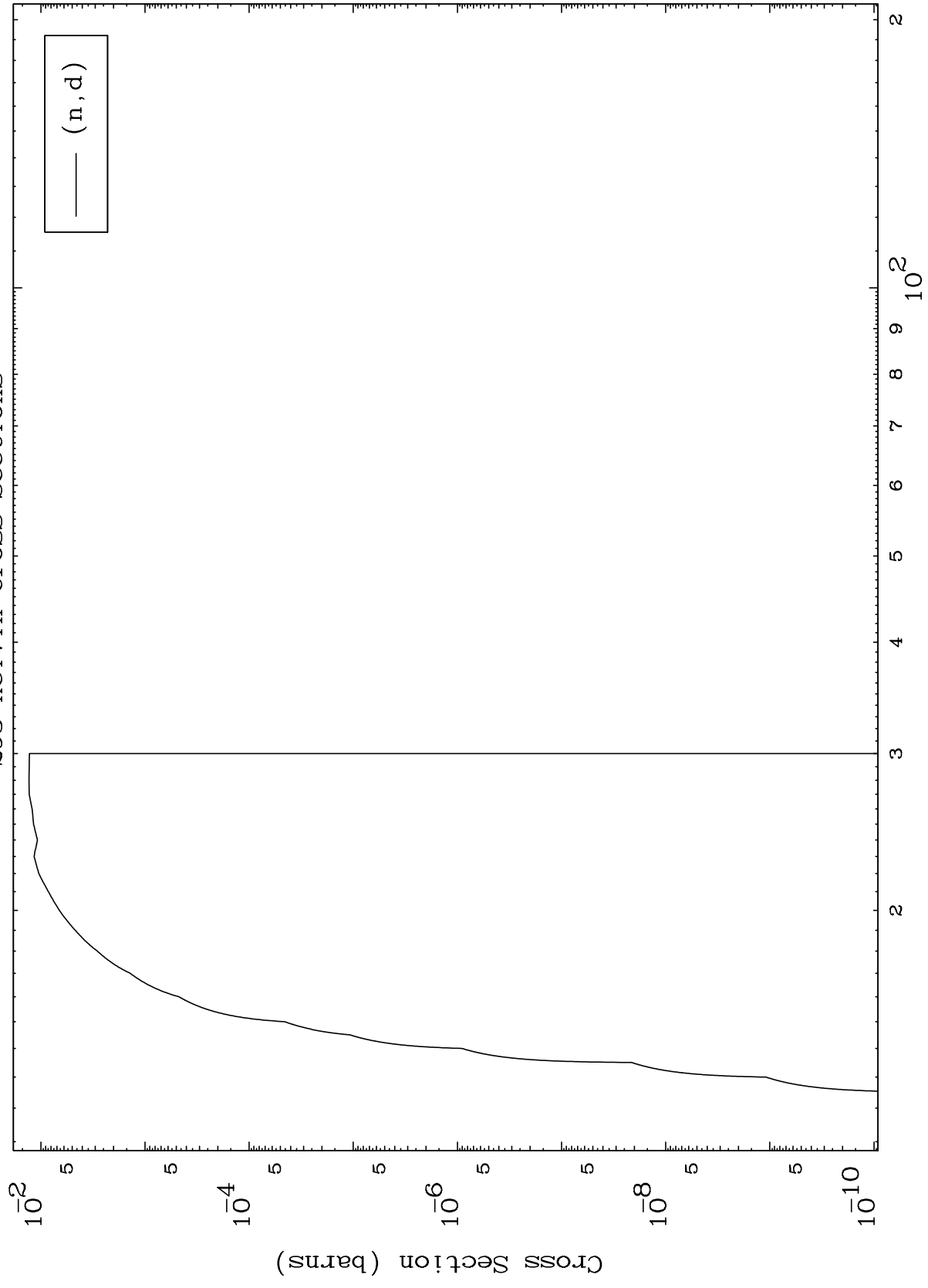
Incident Energy (MeV)

²⁶Fe-61

MAT 2646

(n,d) Levels
293 Kelvin Cross Sections

26-Fe-61



11

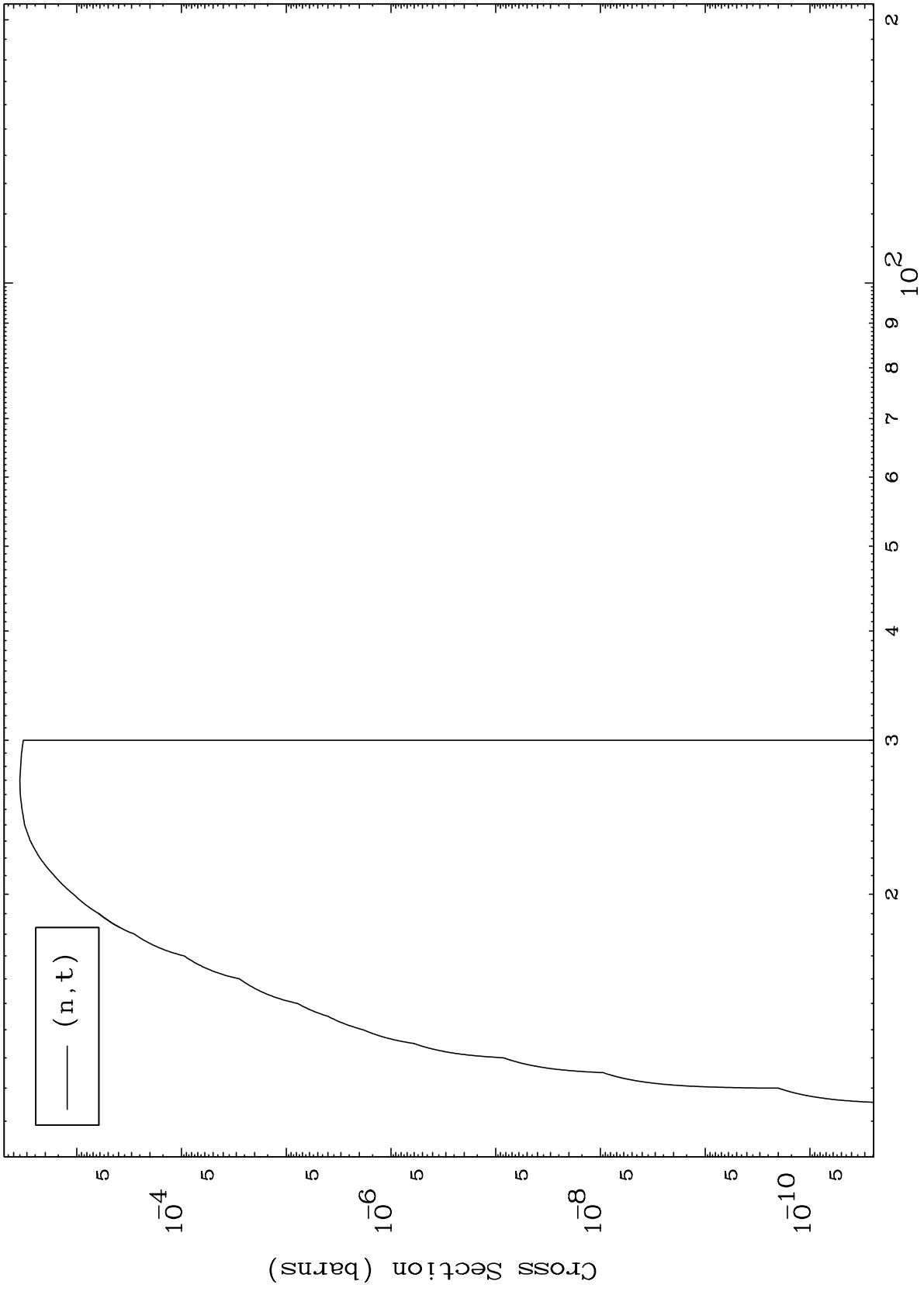
Incident Energy (MeV)

26-Fe-61

MAT 2646

(n,t) Levels
293 Kelvin Cross Sections

26-Fe-61



12

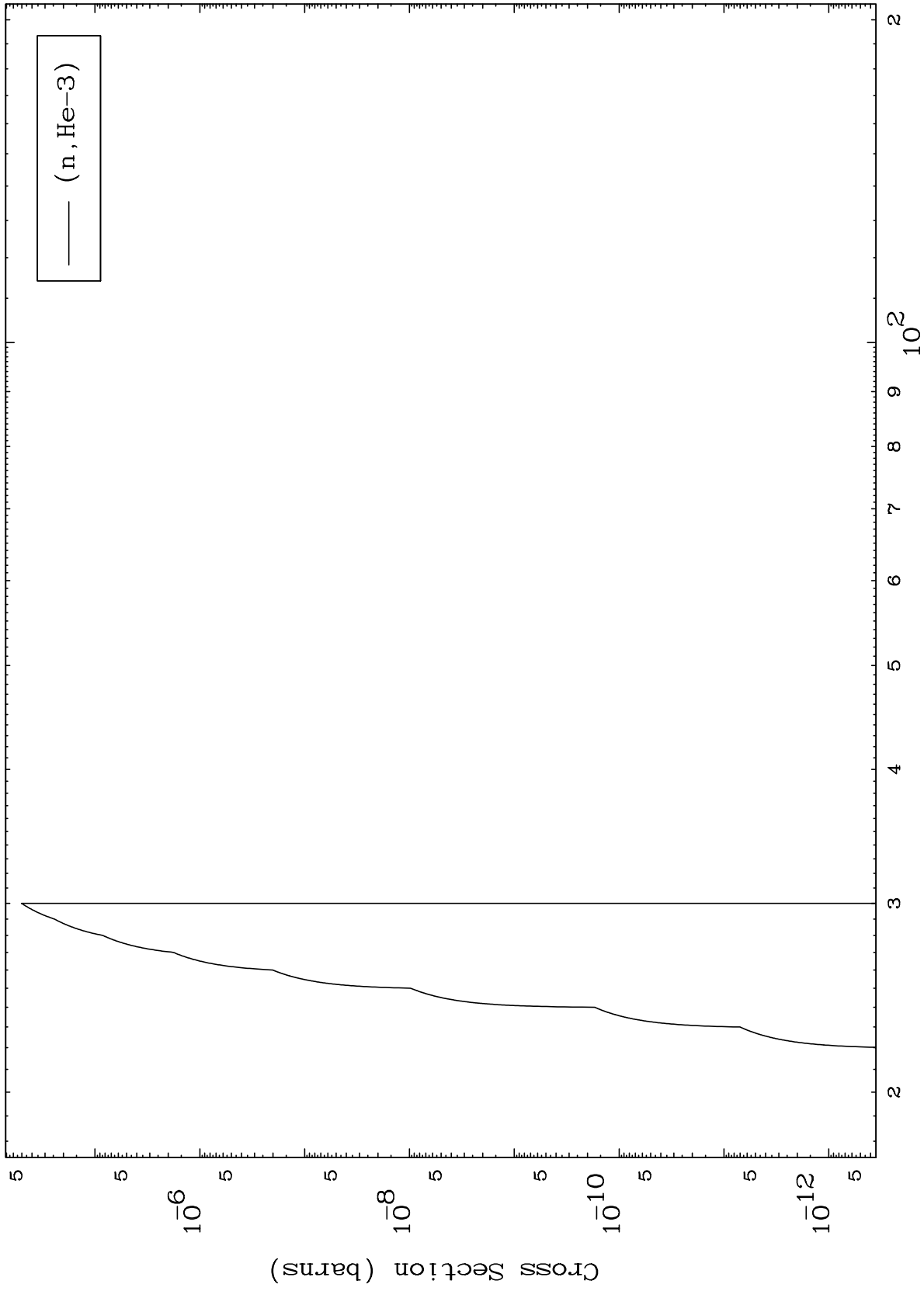
Incident Energy (MeV)

26-Fe-61

MAT 2646

(n,He3) Levels
293 Kelvin Cross Sections

26-Fe-61



13

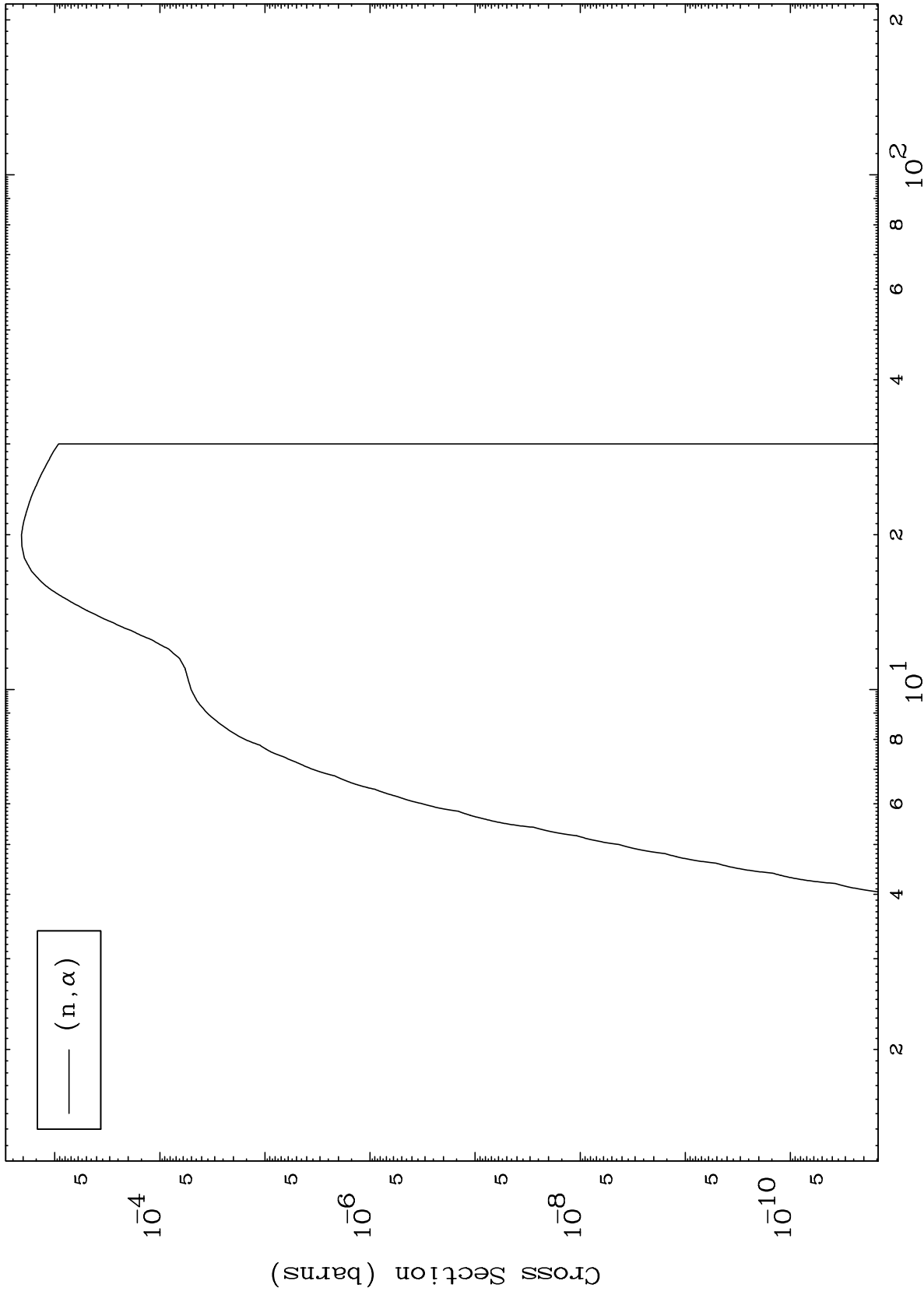
Incident Energy (MeV)

26-Fe-61

MAT 2646

(n, α) Levels
293 Kelvin Cross Sections

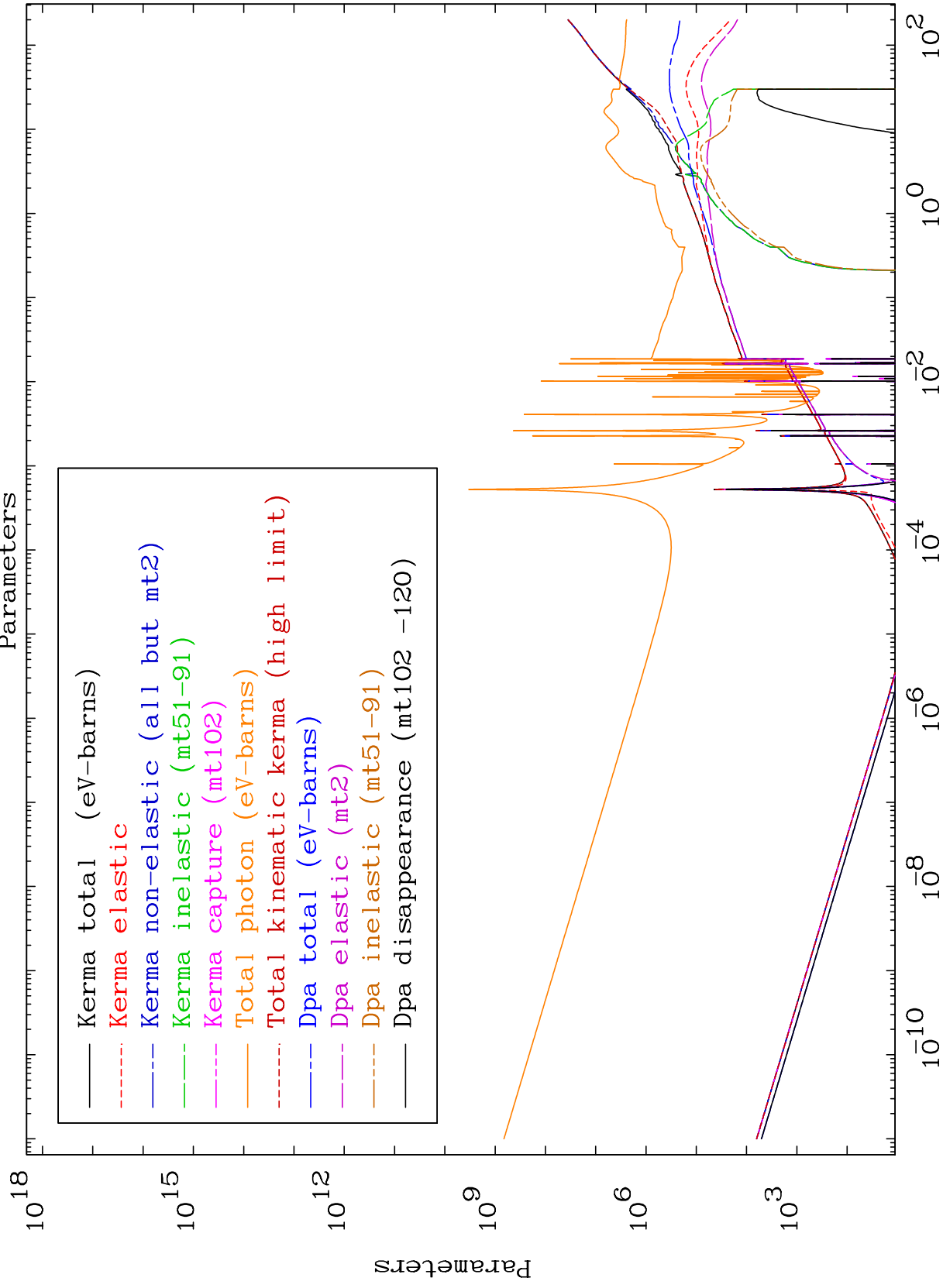
26-Fe-61



14

Incident Energy (MeV)

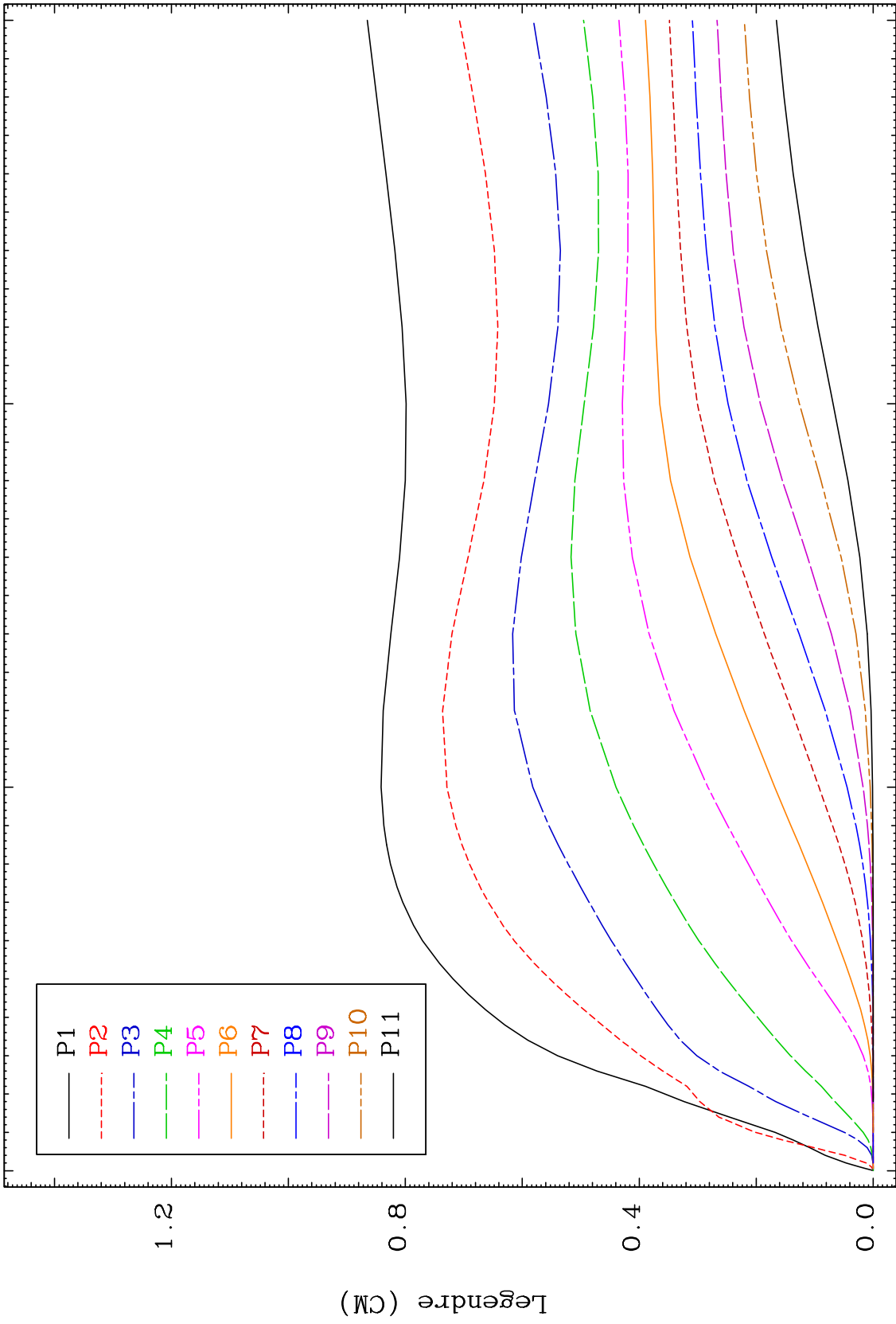
26-Fe-61



MAT 2646

Elastic Legendre Coefficients

²⁶Fe-61



16

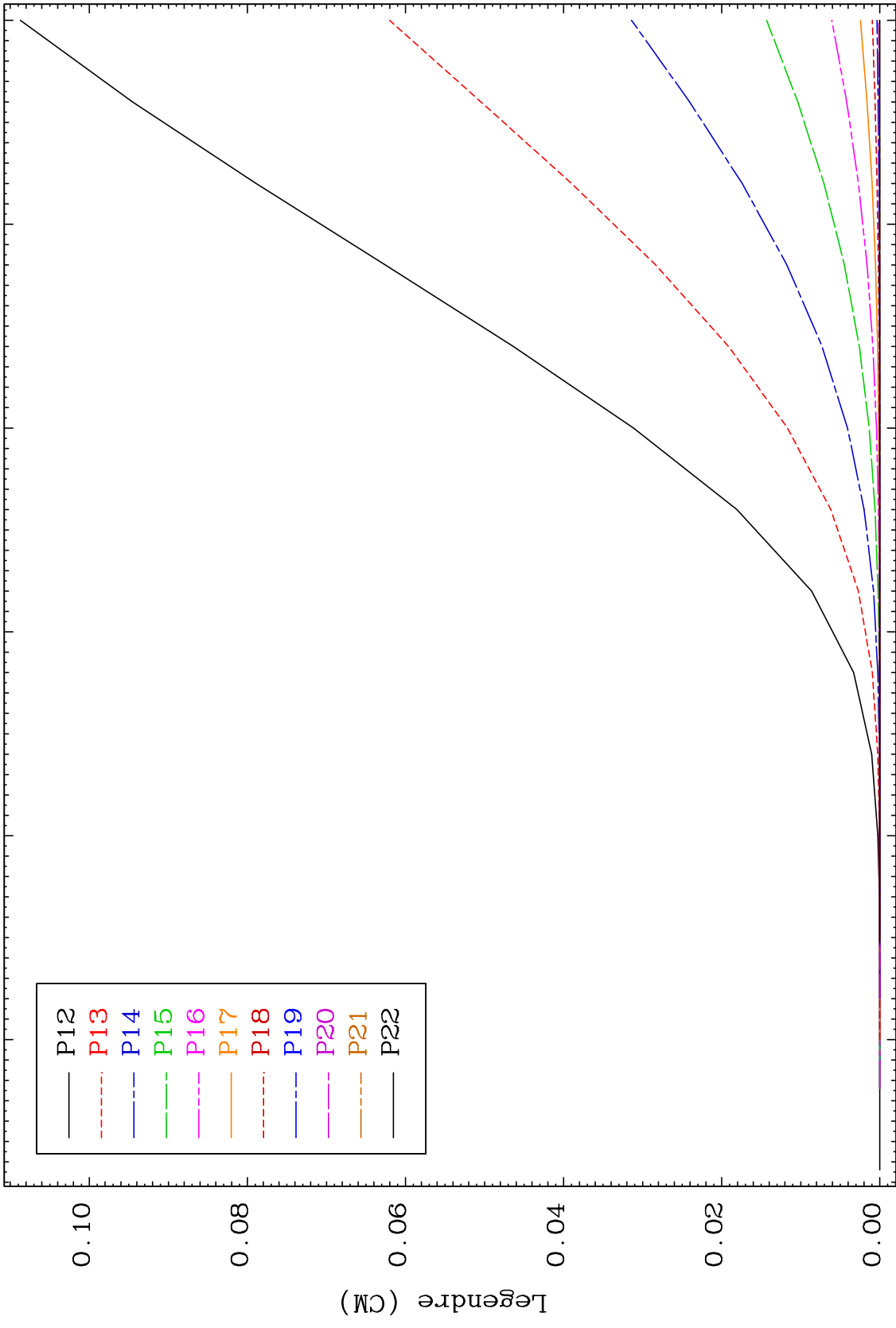
Incident Energy (MeV)

²⁶Fe-61

MAT 2646

Elastic Legendre Coefficients

²⁶Fe-61



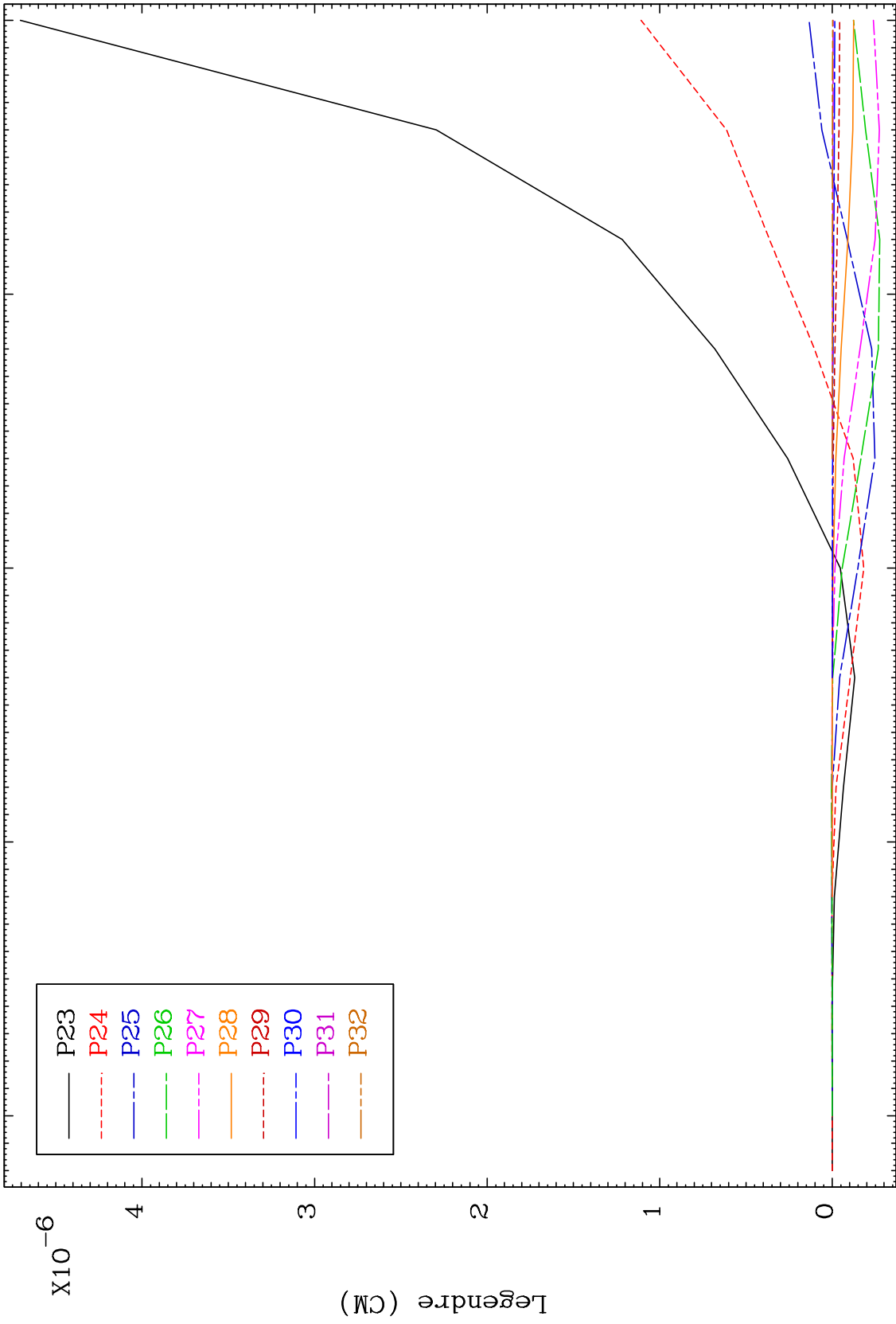
17

²⁶Fe-61

MAT 2646

Elastic Legendre Coefficients

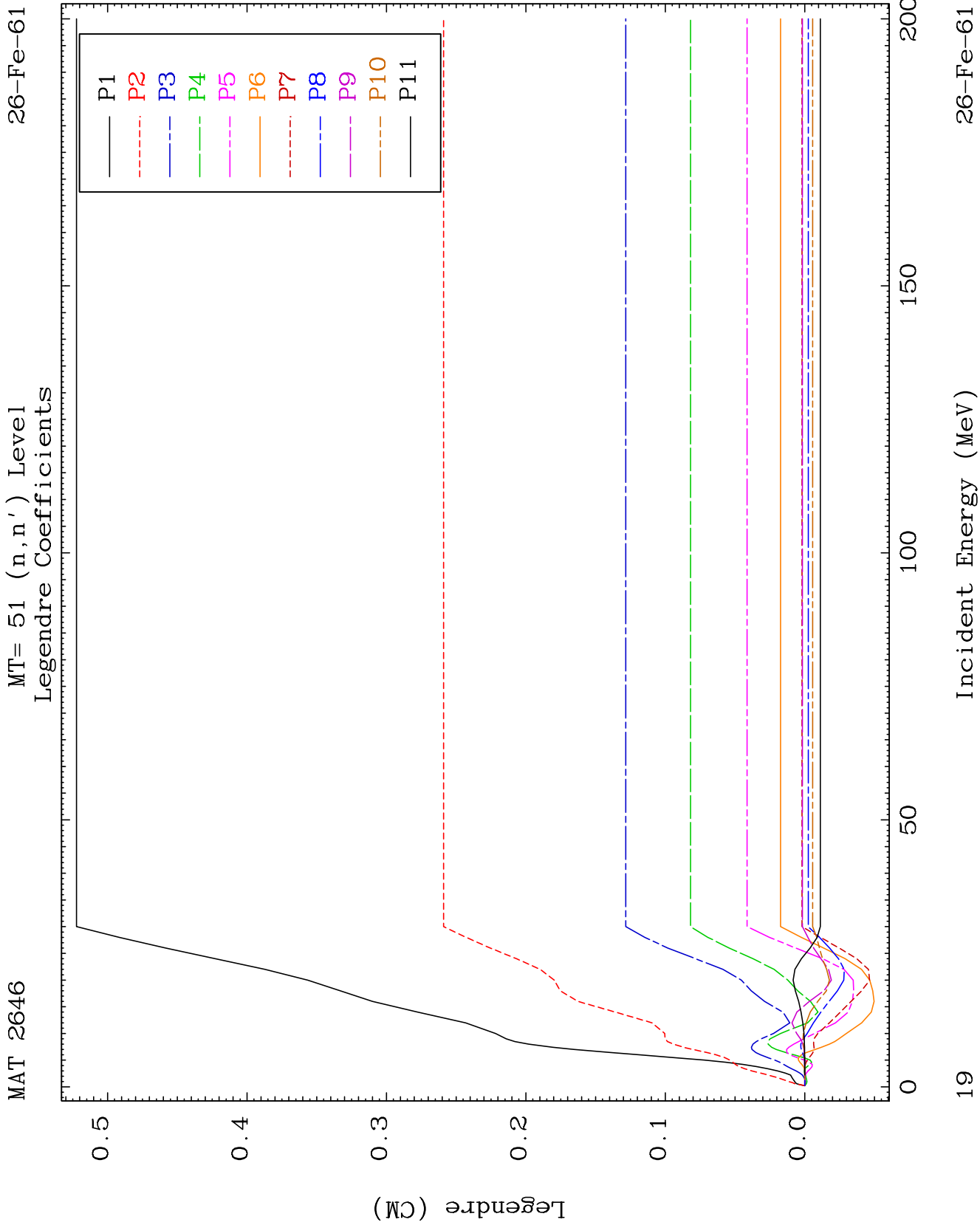
²⁶Fe-61



18

Incident Energy (MeV)

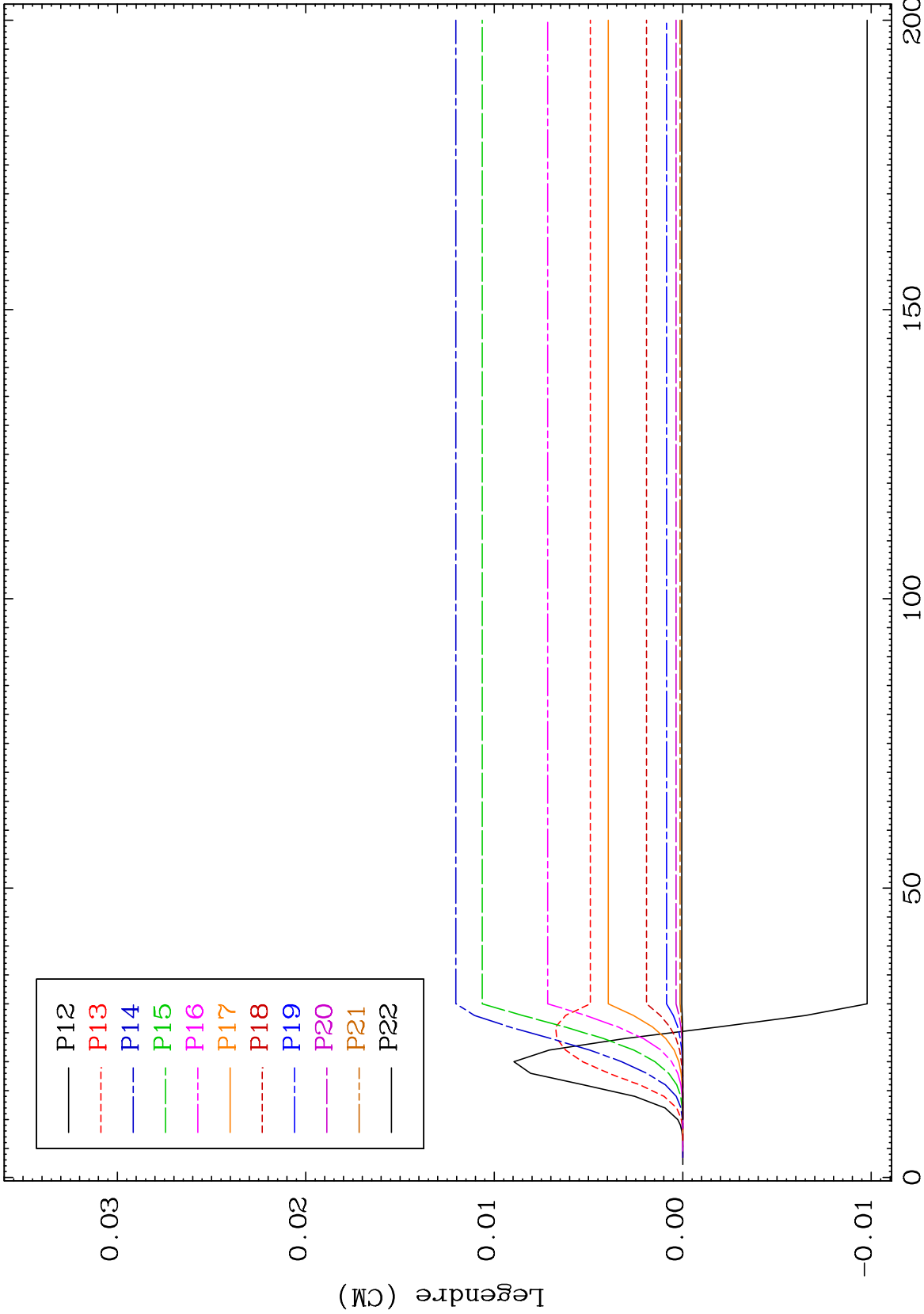
²⁶Fe-61



MAT 2646

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

²⁶Fe-61

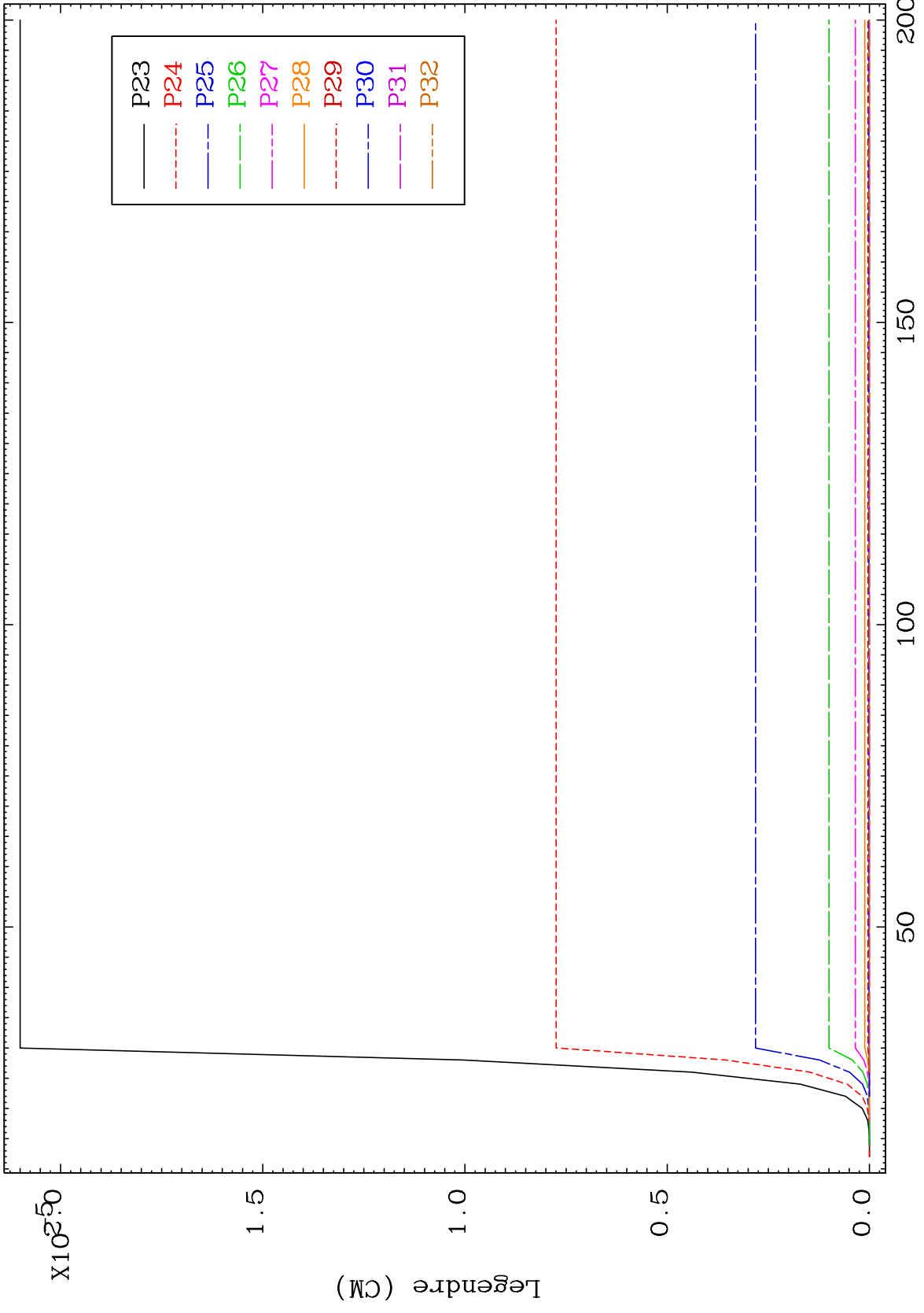


20

Incident Energy (MeV)

²⁶Fe-61

MAT 2646 MT= 51 (n,n') Level Legendre Coefficients 26-Fe-61

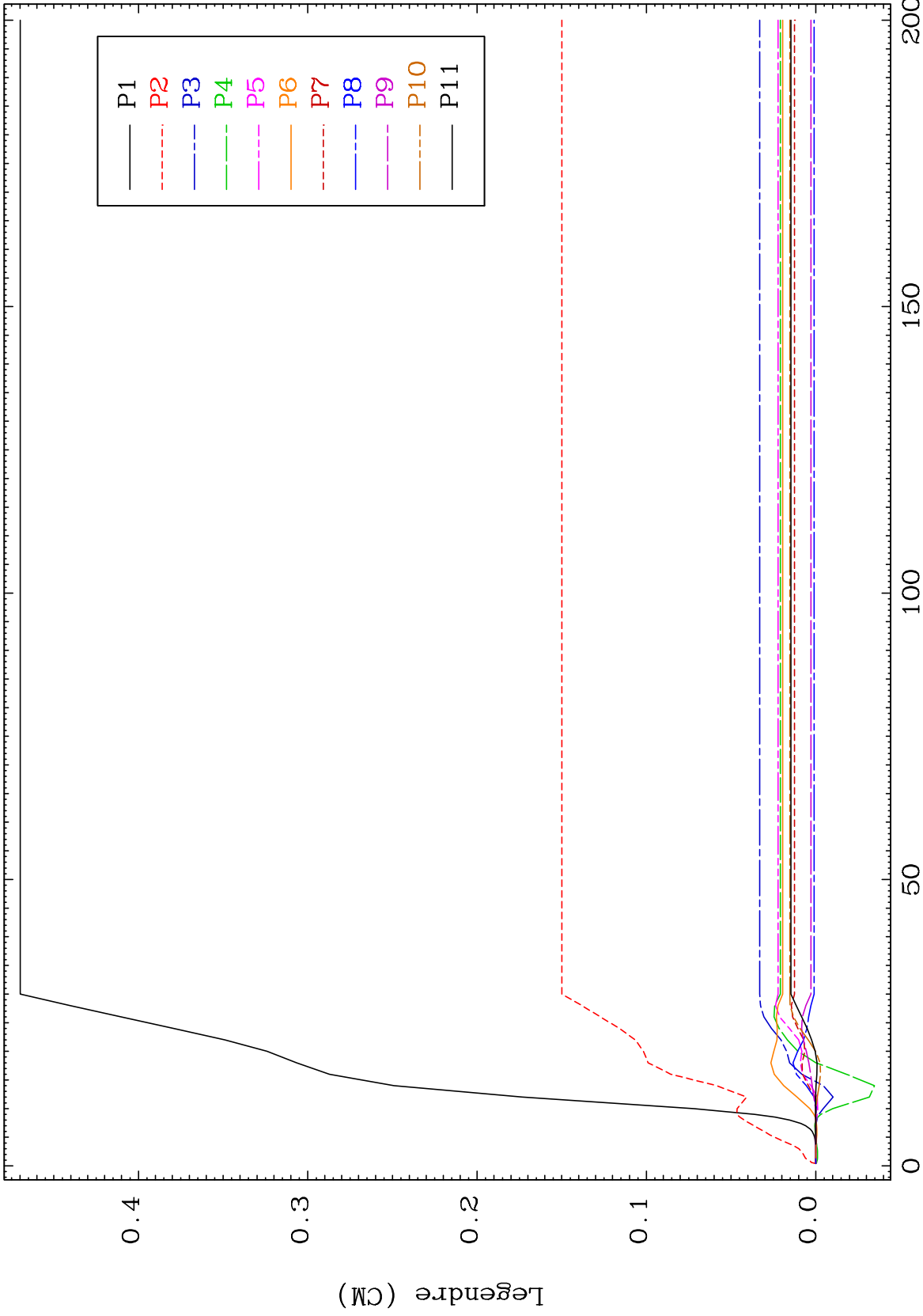


21 Incident Energy (MeV) 26-Fe-61

MAT 2646

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

26-Fe-61



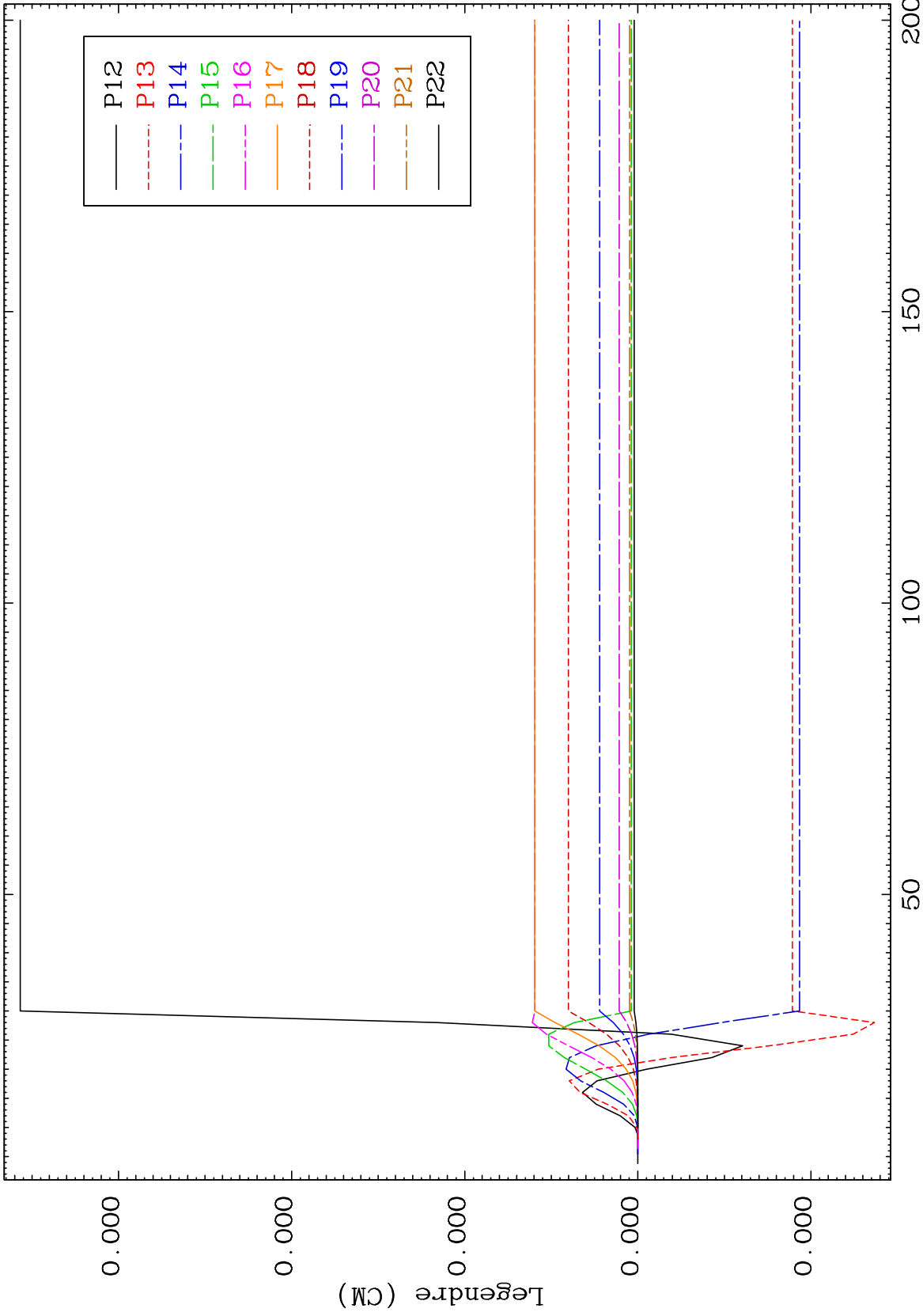
22

26-Fe-61

MAT 2646

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

26-Fe-61



23

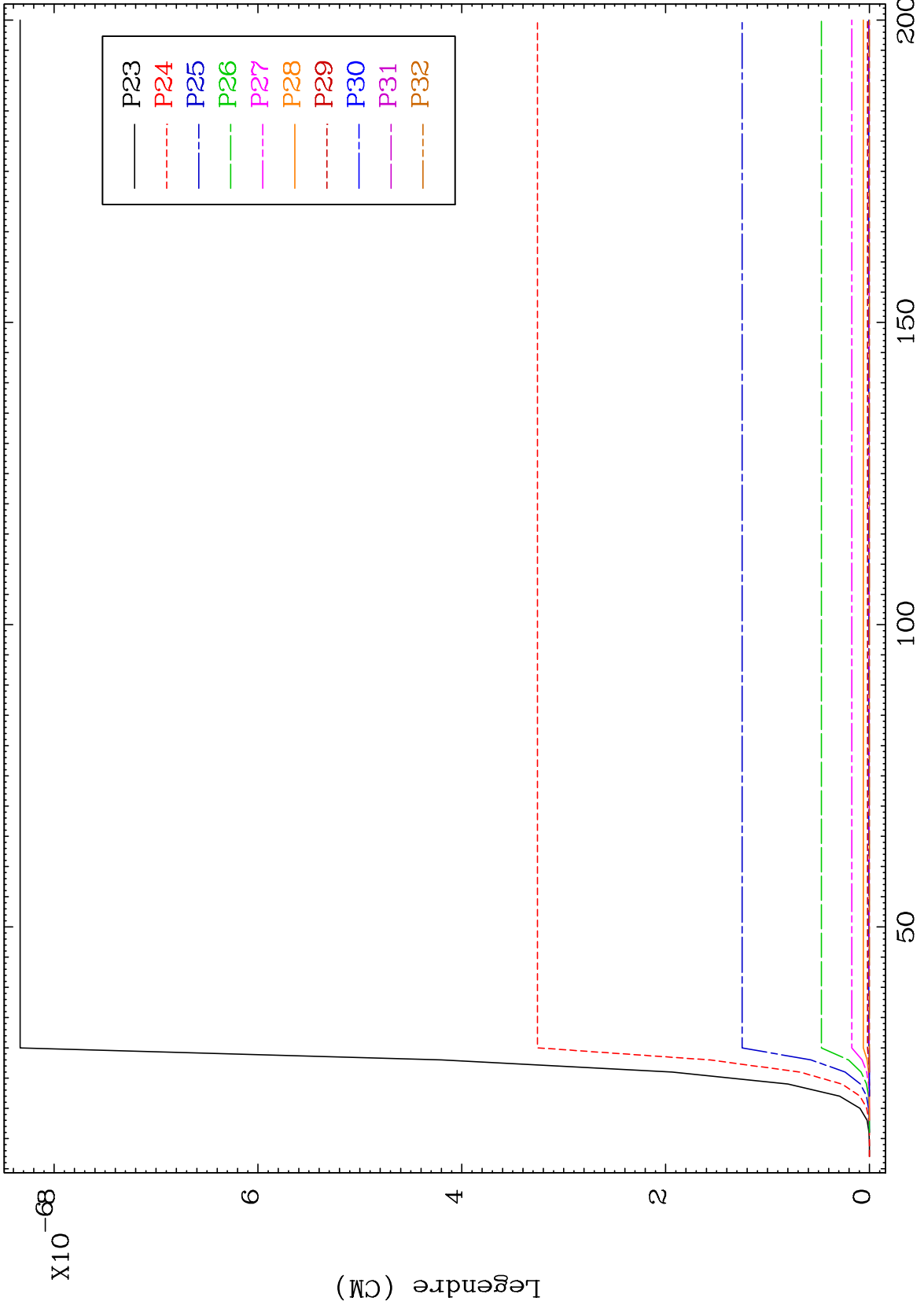
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



24

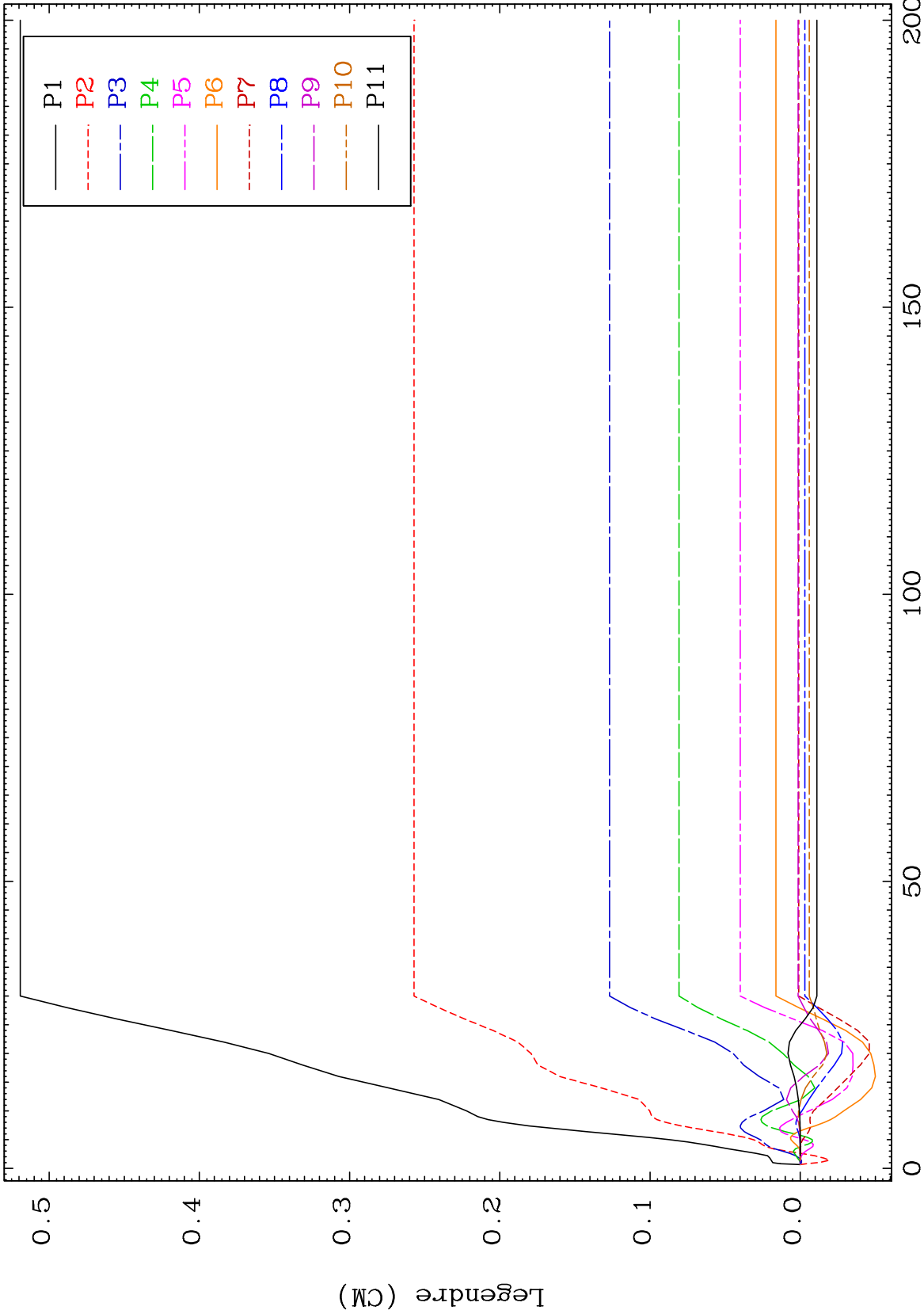
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



25

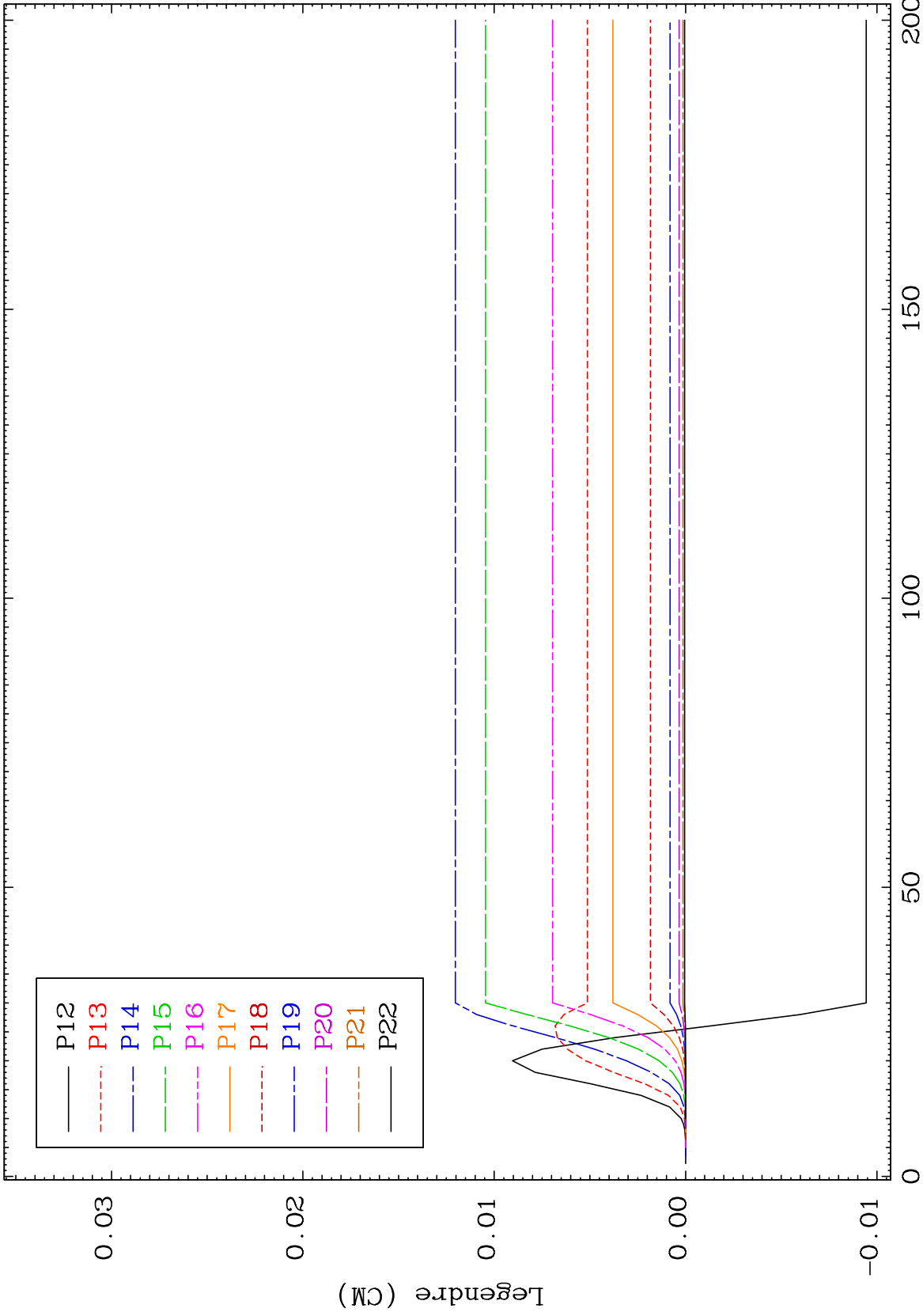
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

²⁶Fe-61



26

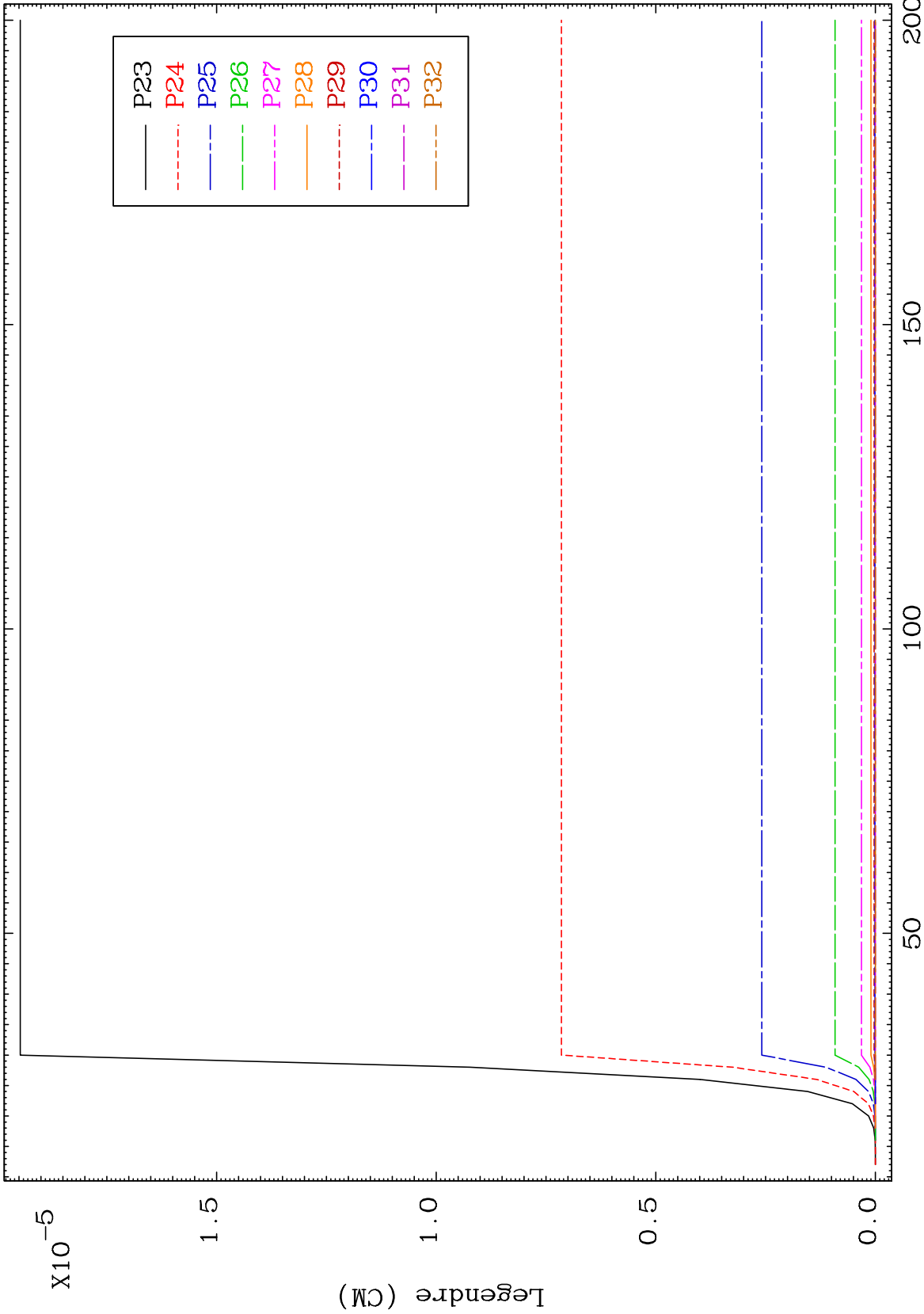
Incident Energy (MeV)

²⁶Fe-61

MAT 2646

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

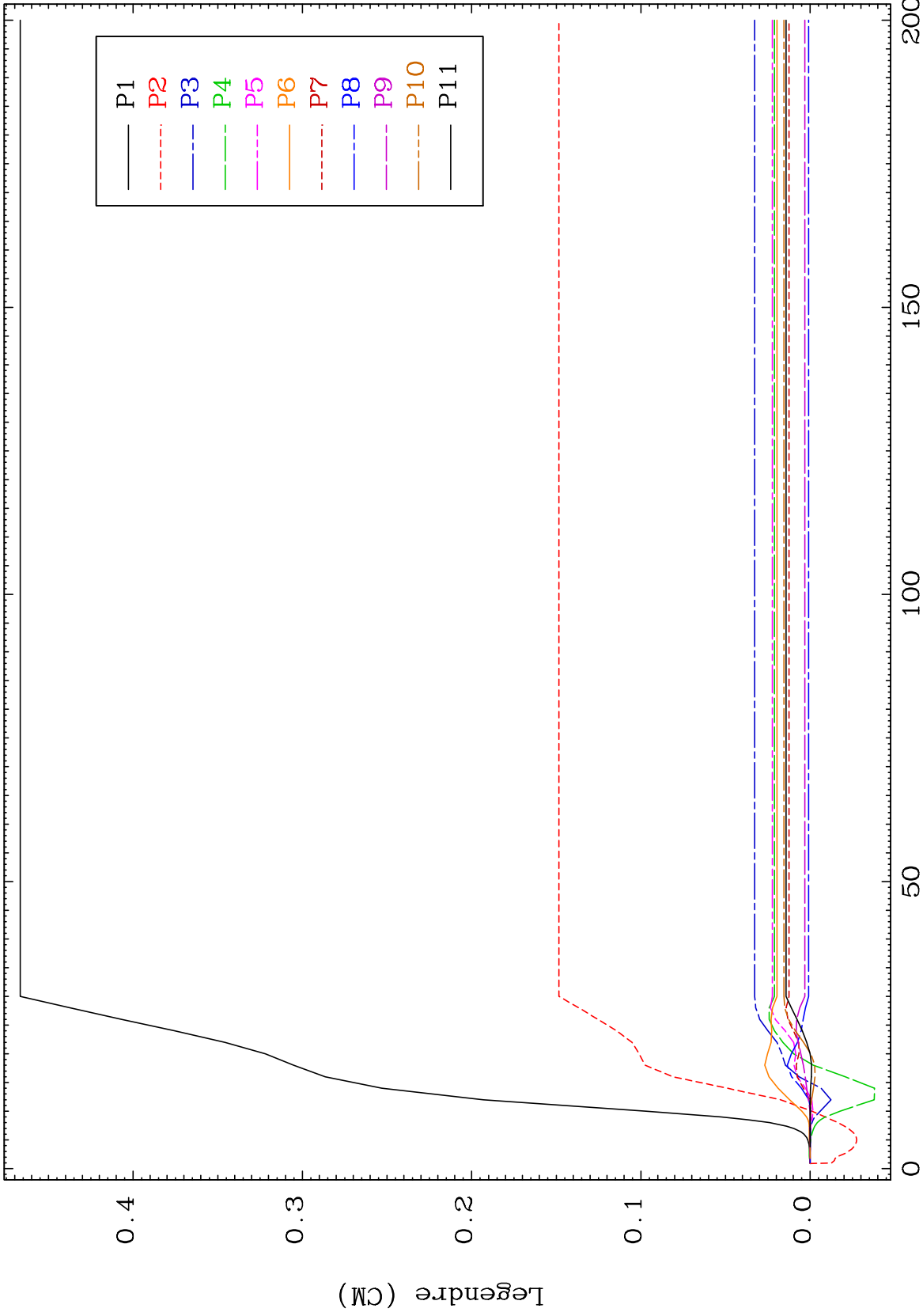
26-Fe-61



MAT 2646

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

26-Fe-61



28

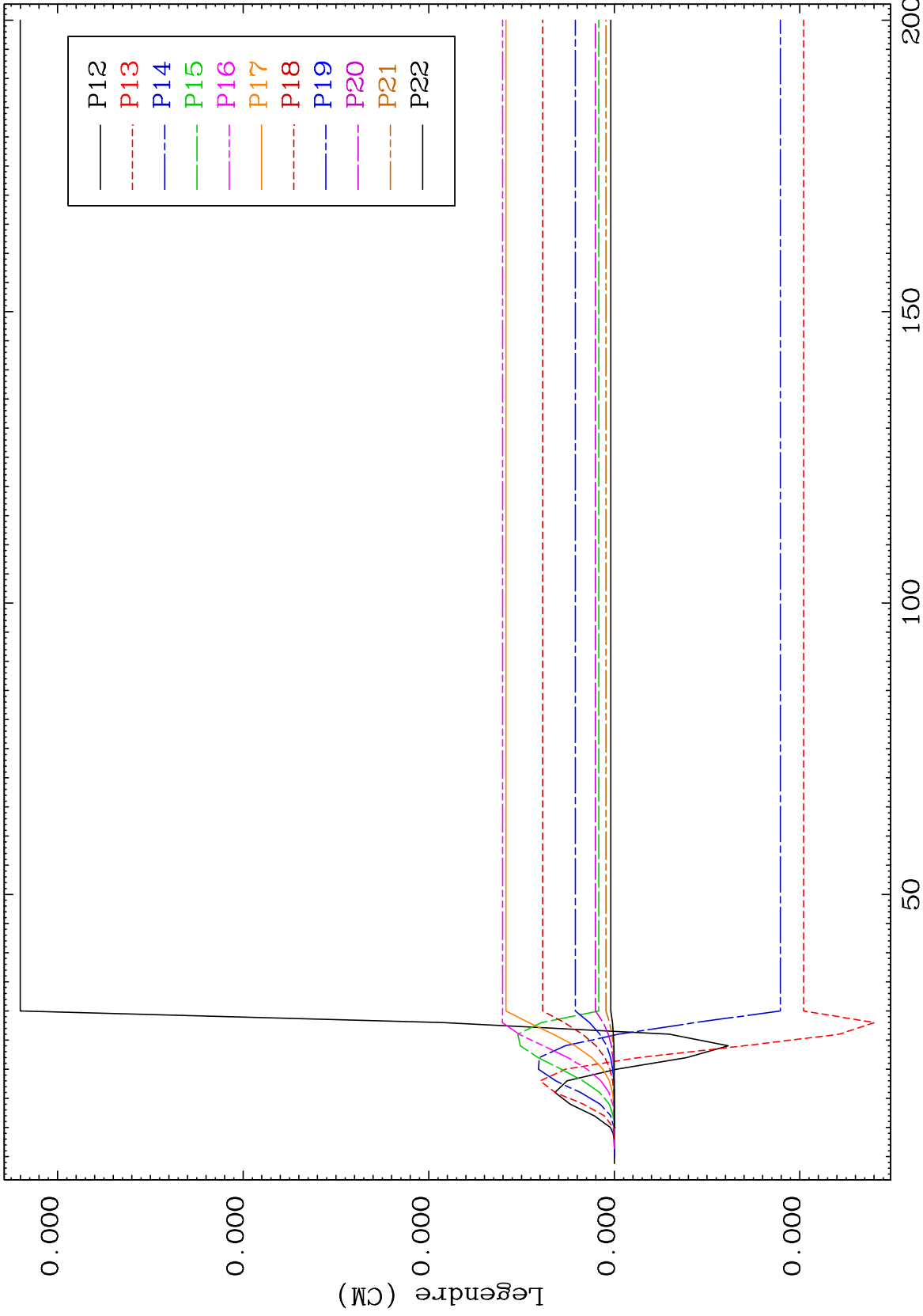
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



29

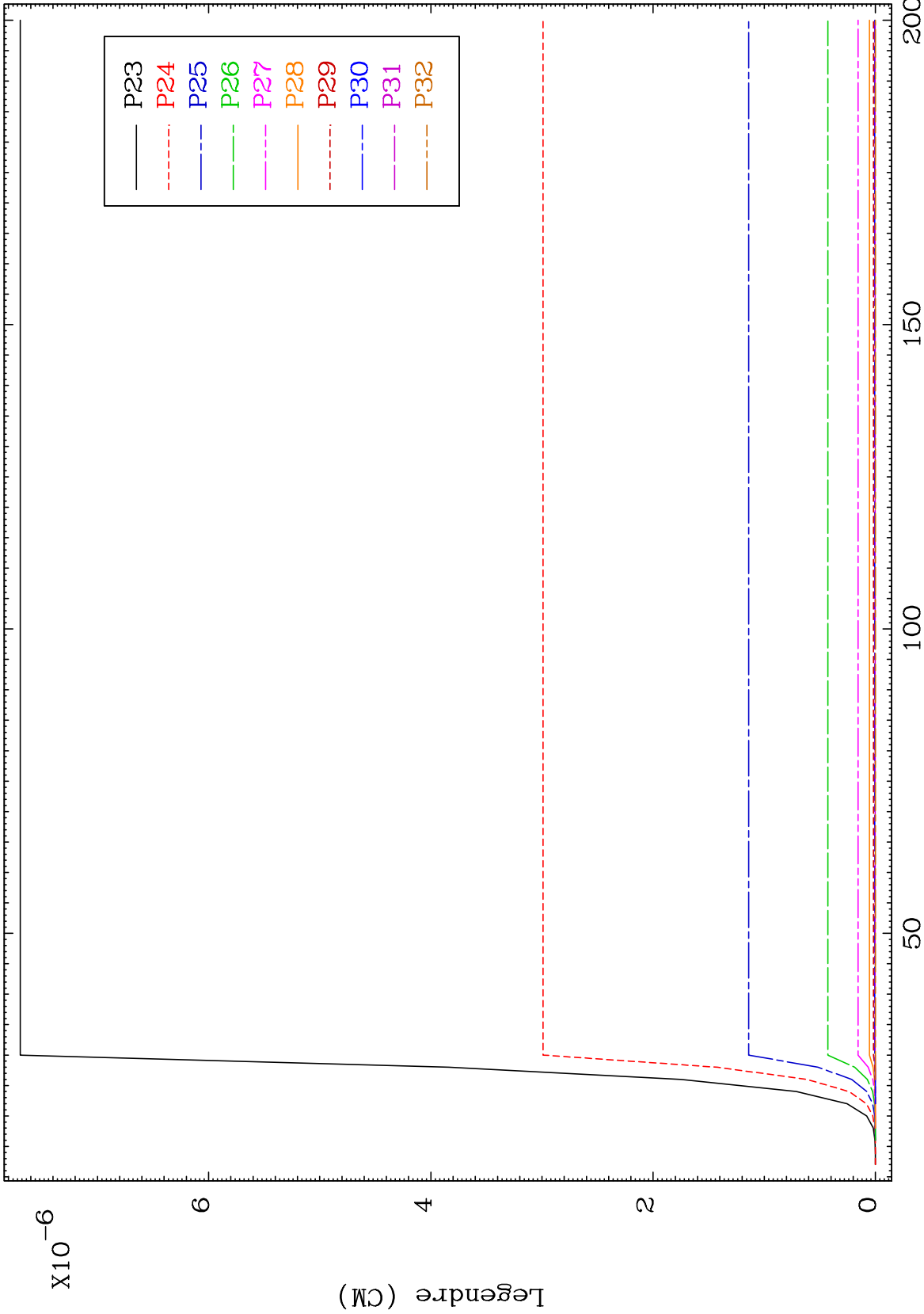
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



30

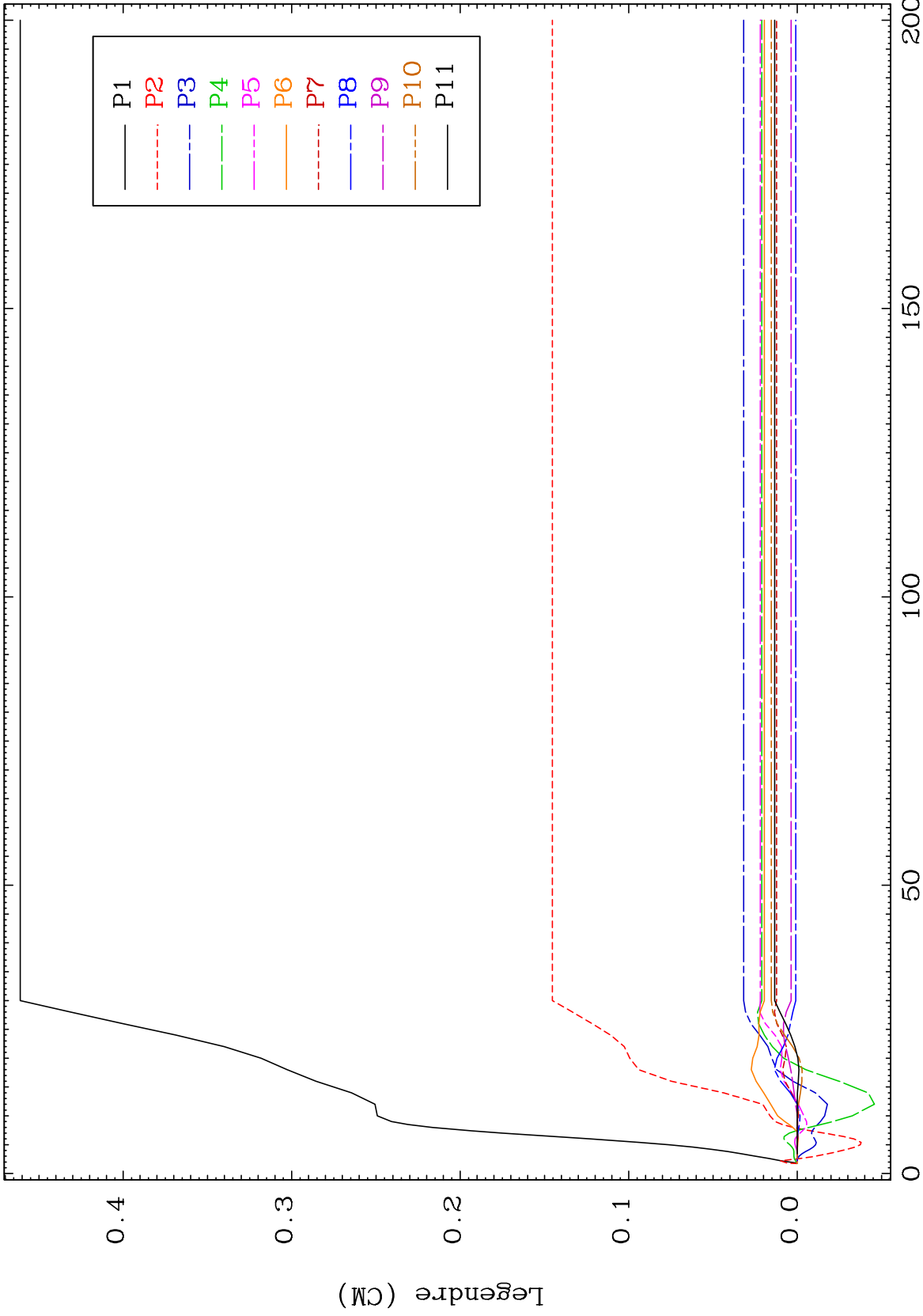
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



31

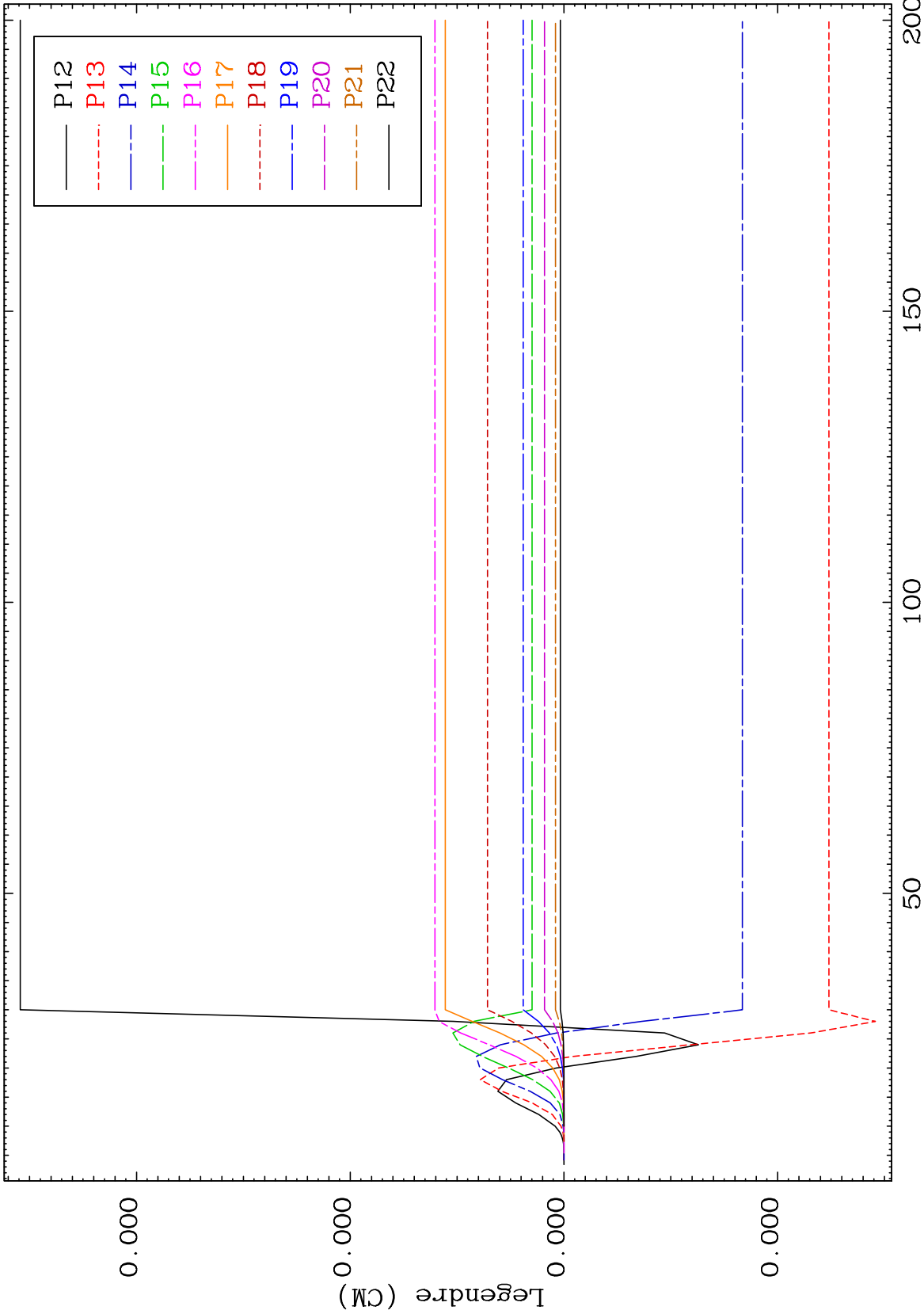
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



32

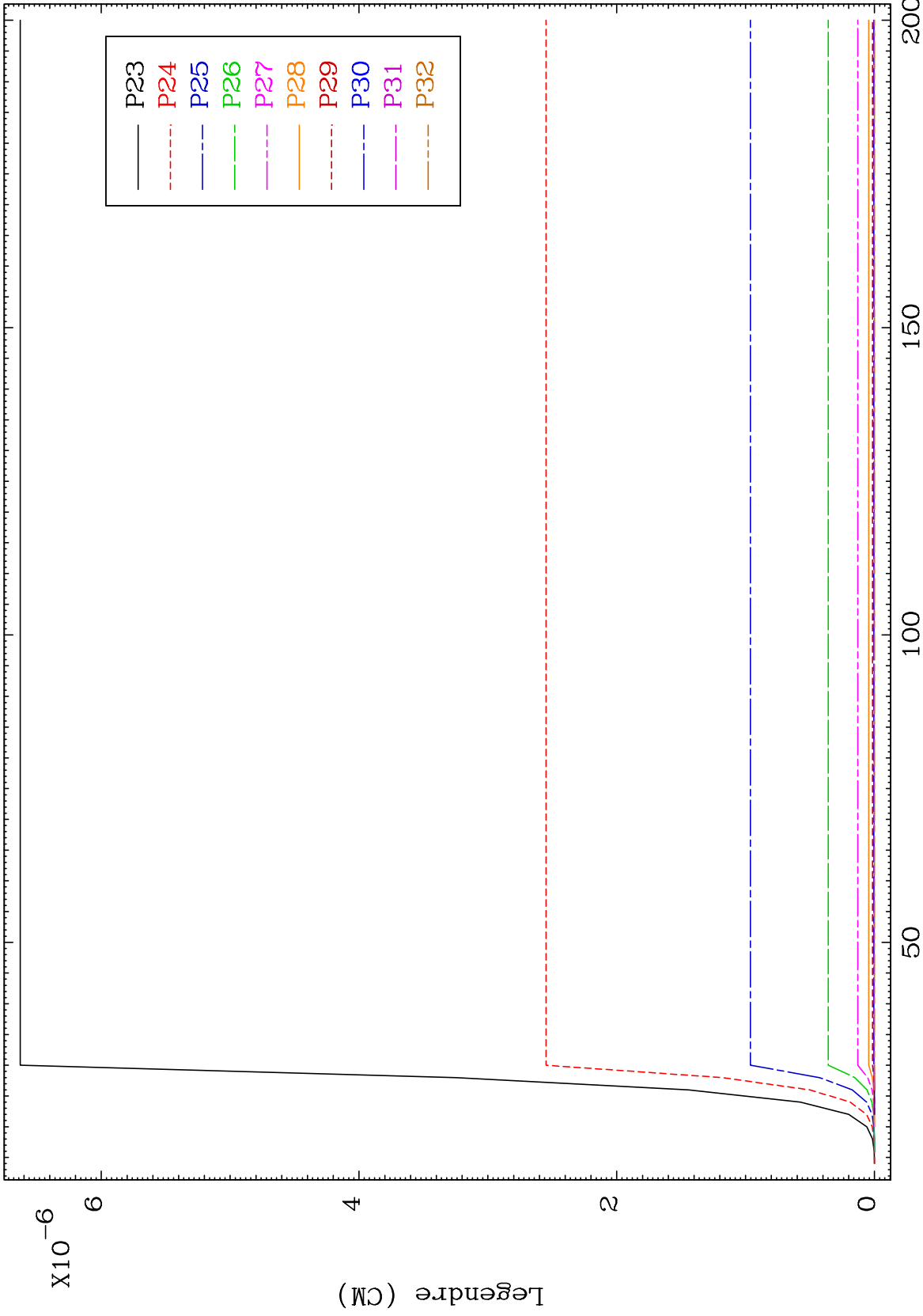
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



33

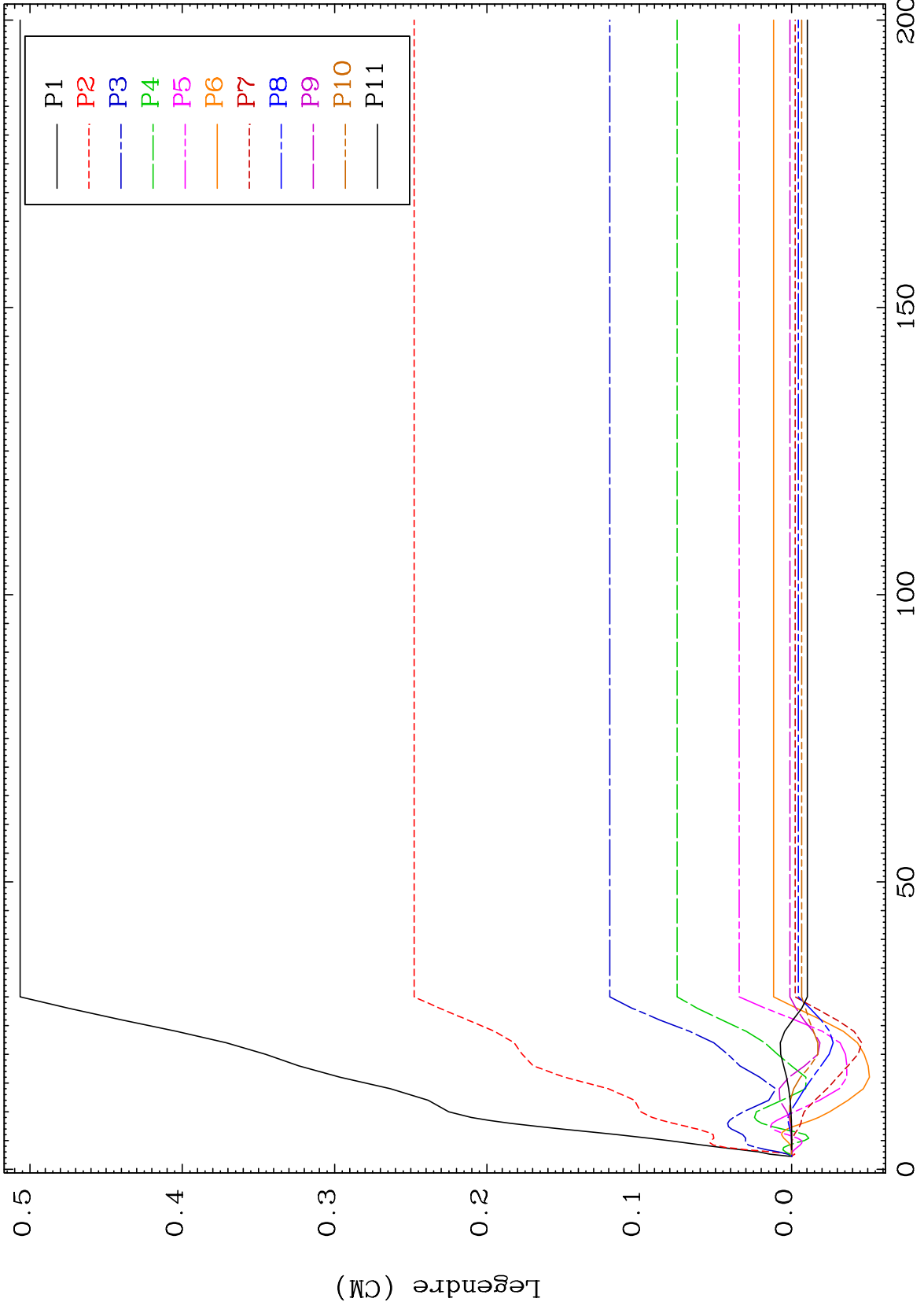
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



34

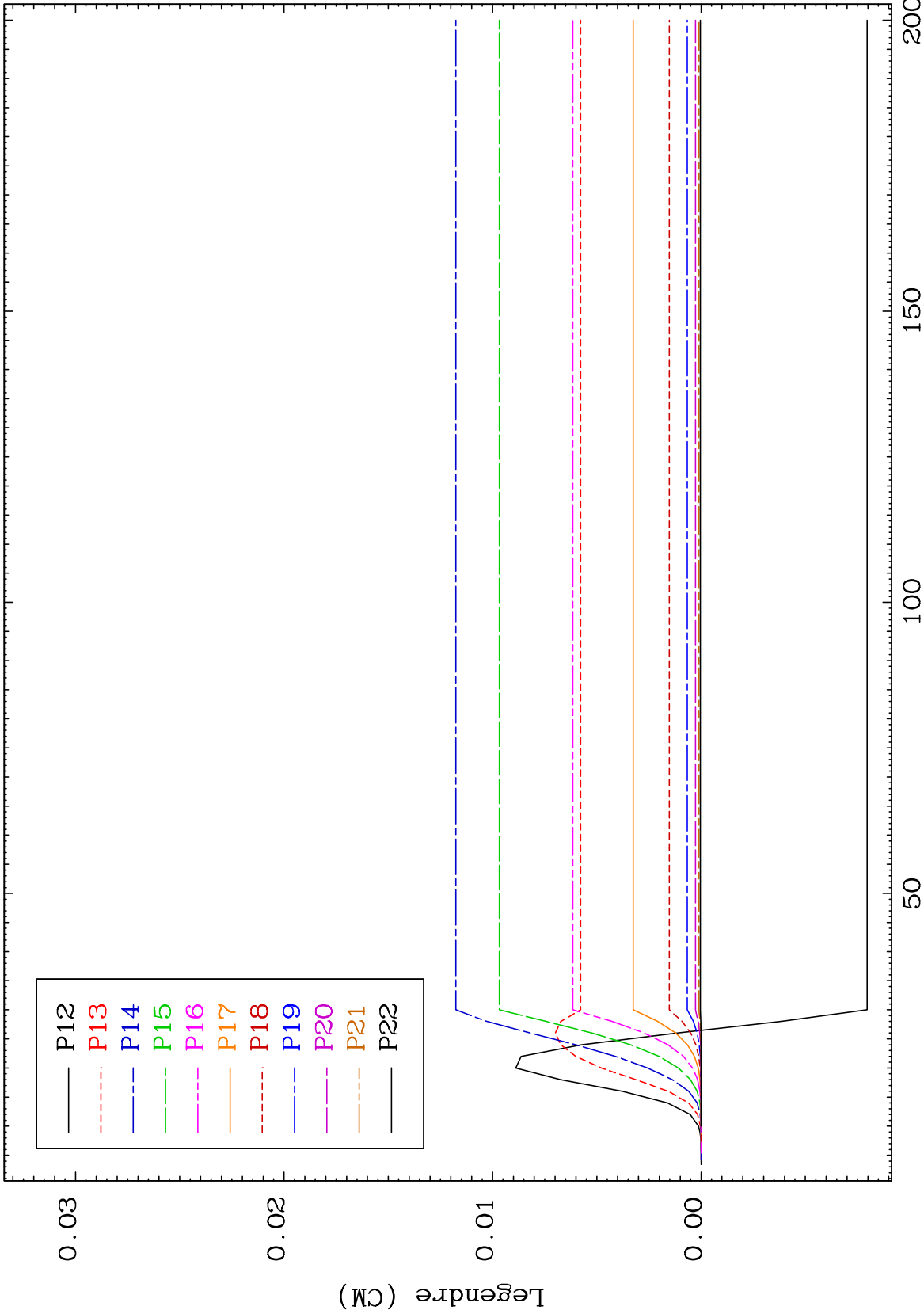
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

²⁶Fe-61



35

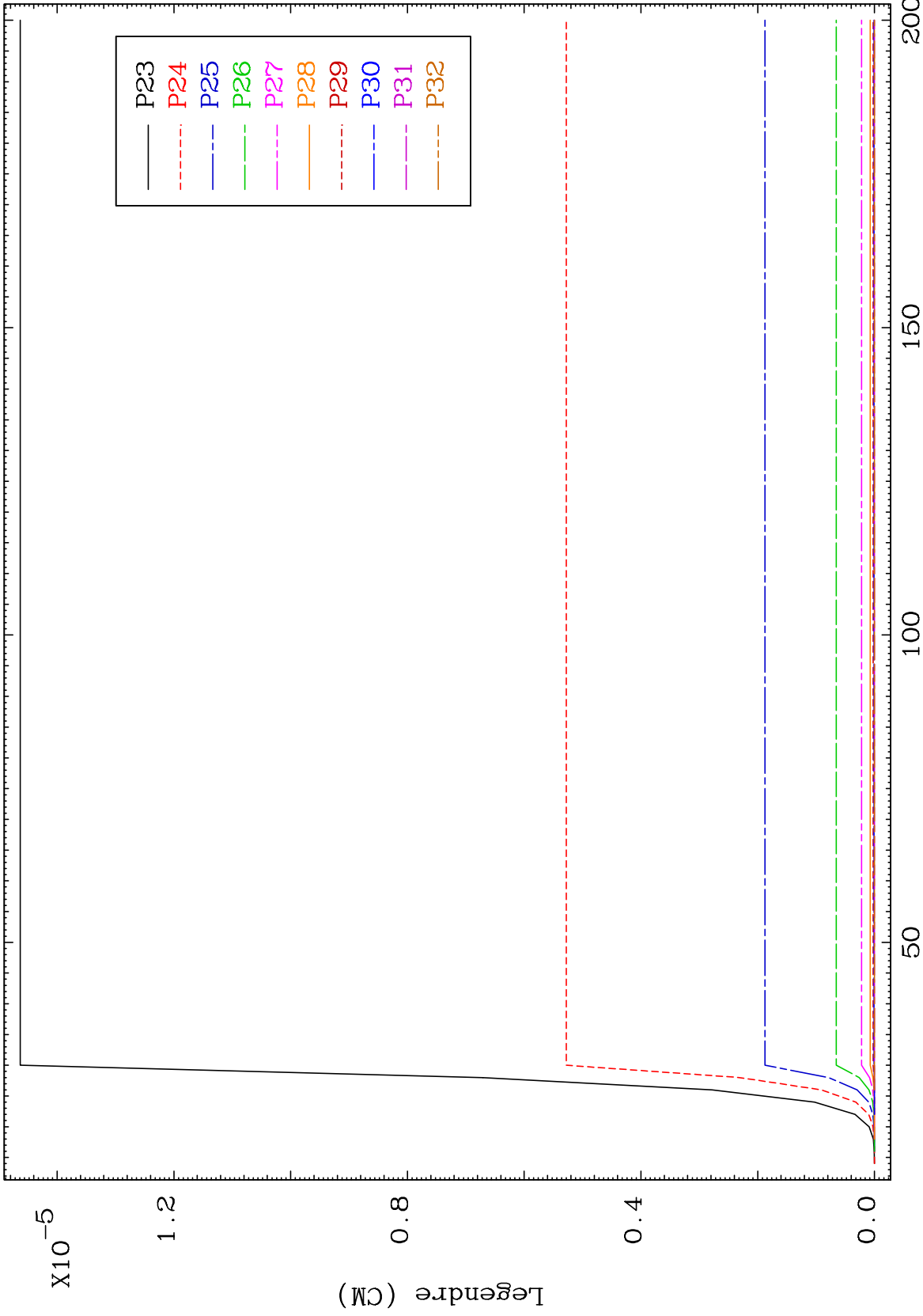
Incident Energy (MeV)

²⁶Fe-61

MAT 2646

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

26-Fe-61



36

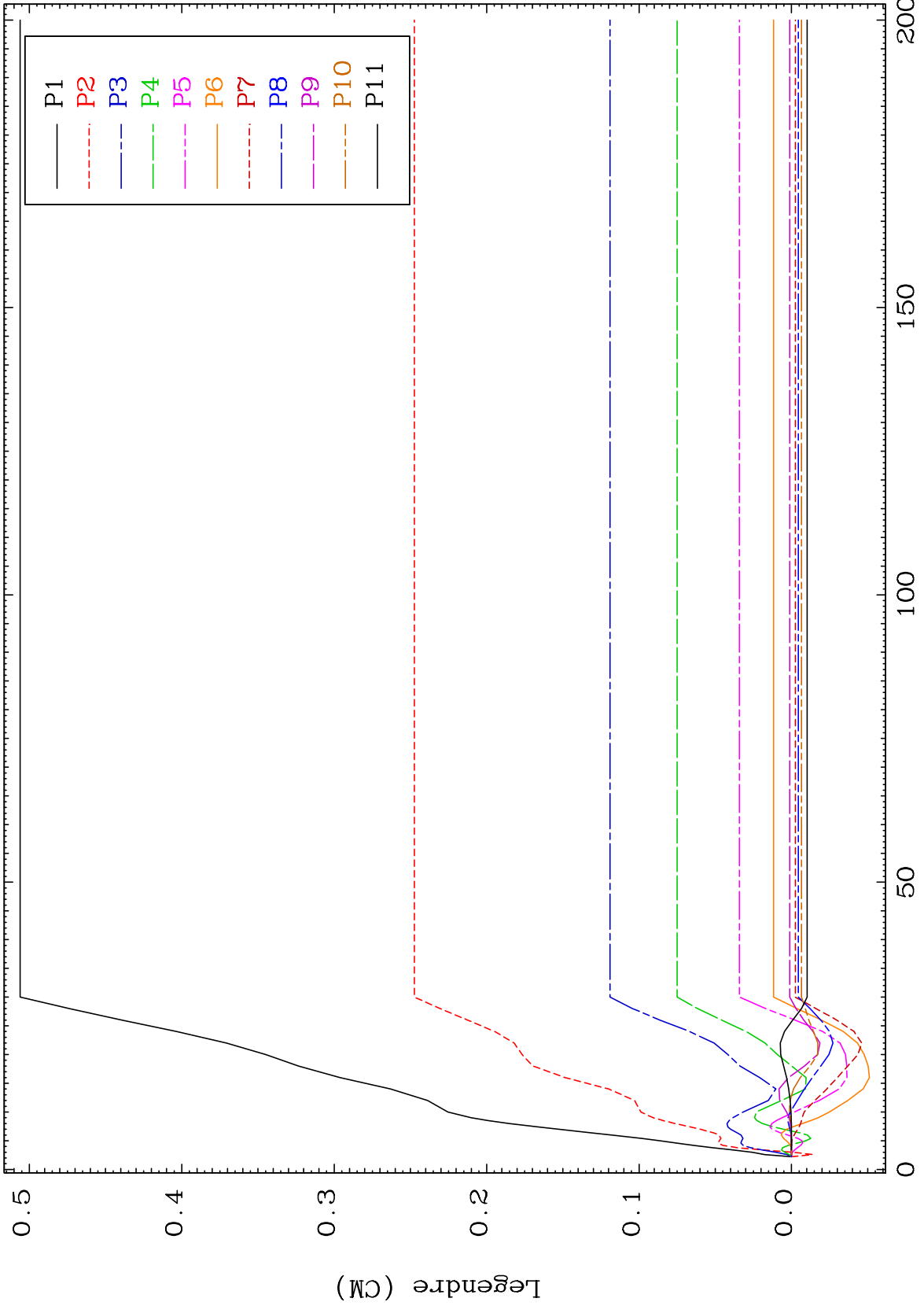
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



37

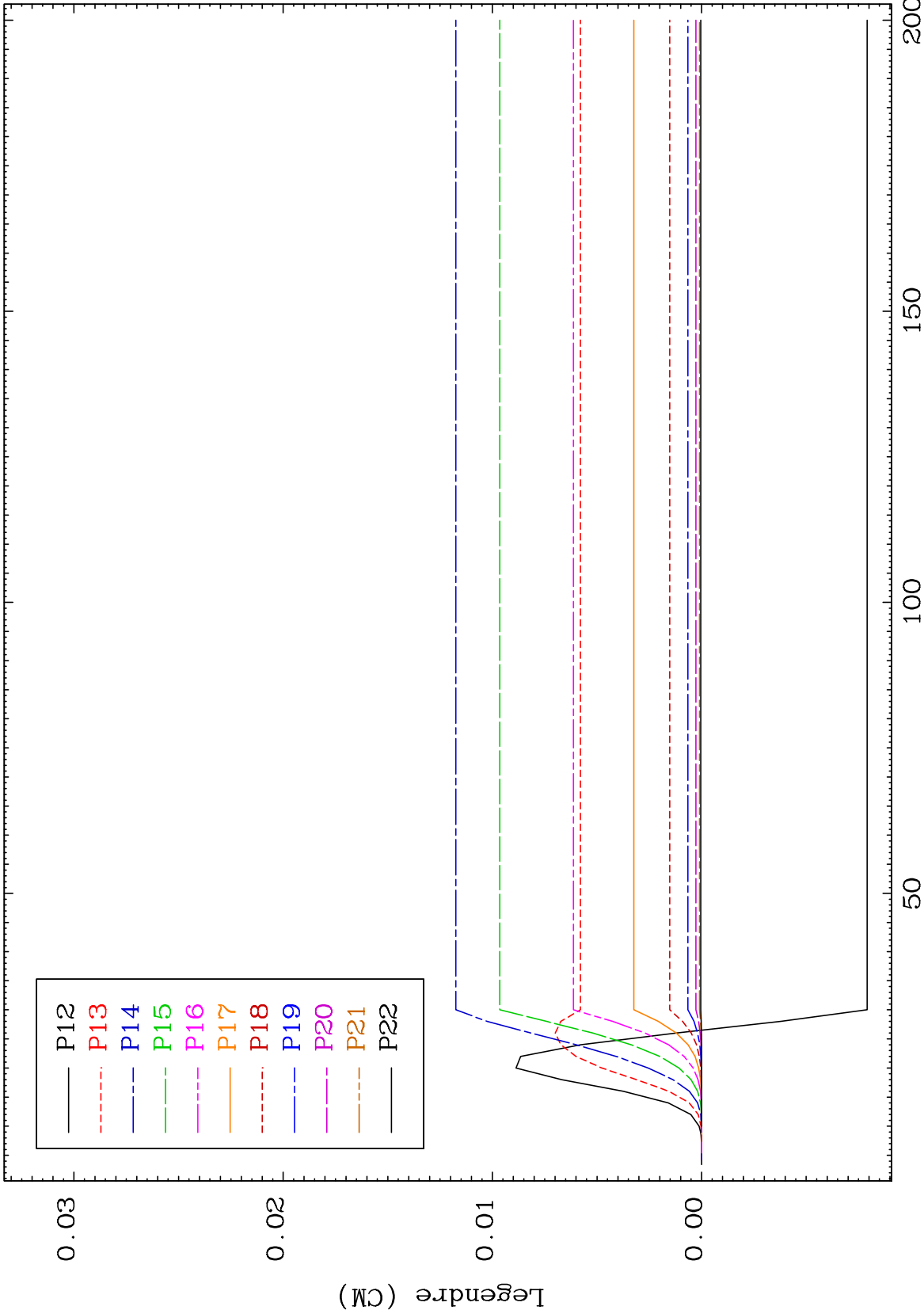
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

²⁶Fe-61



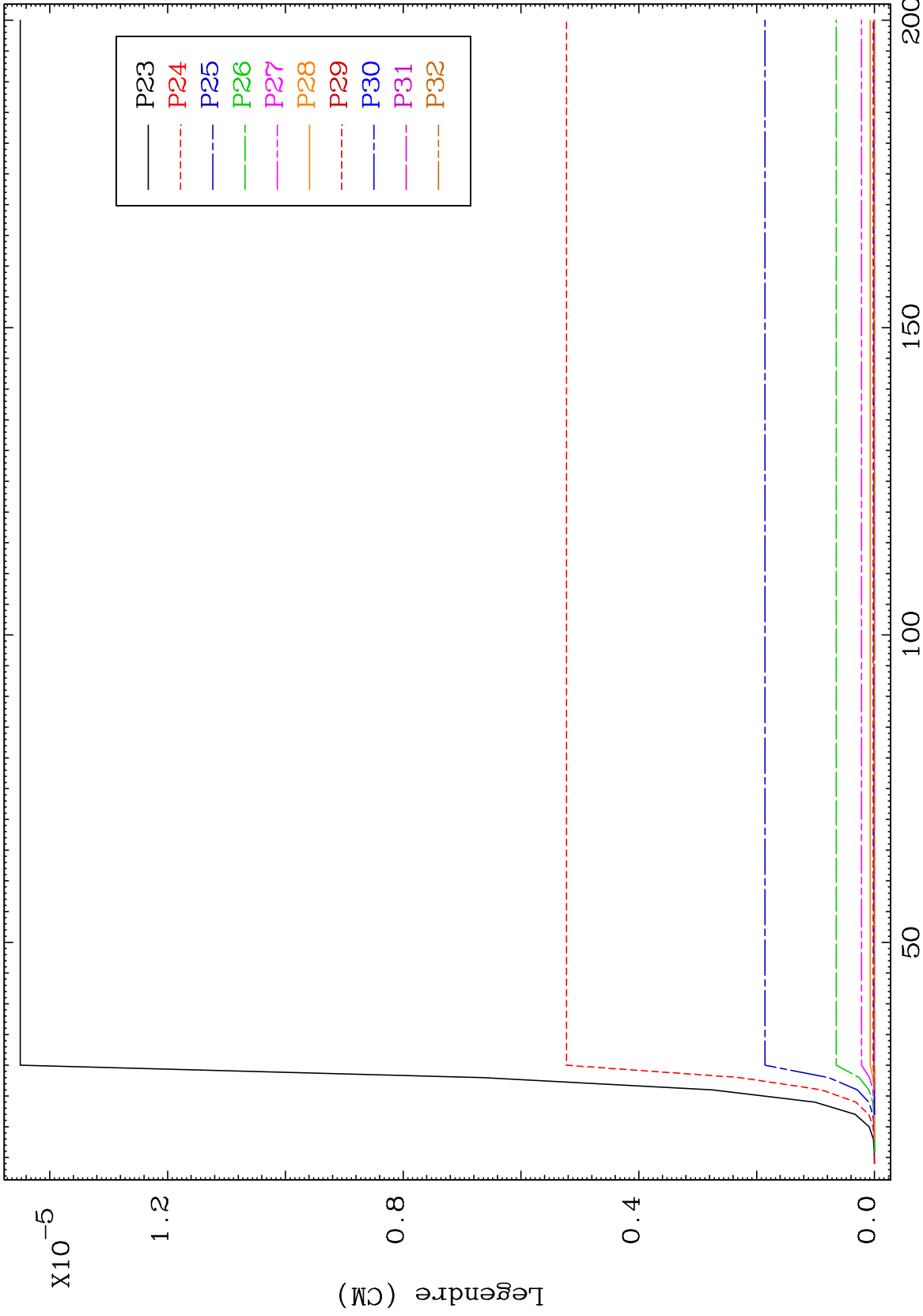
38

²⁶Fe-61

MAT 2646

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

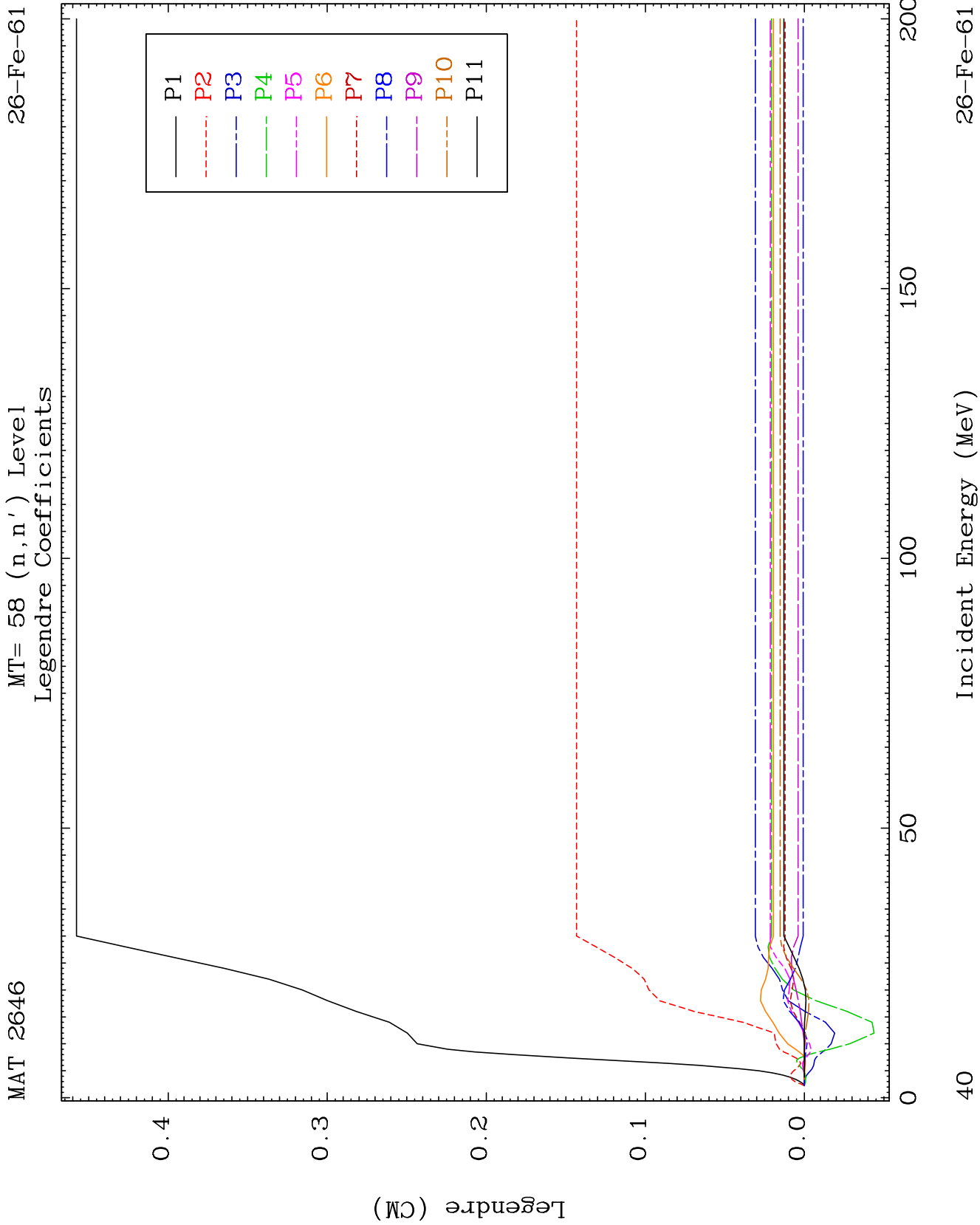
26-Fe-61

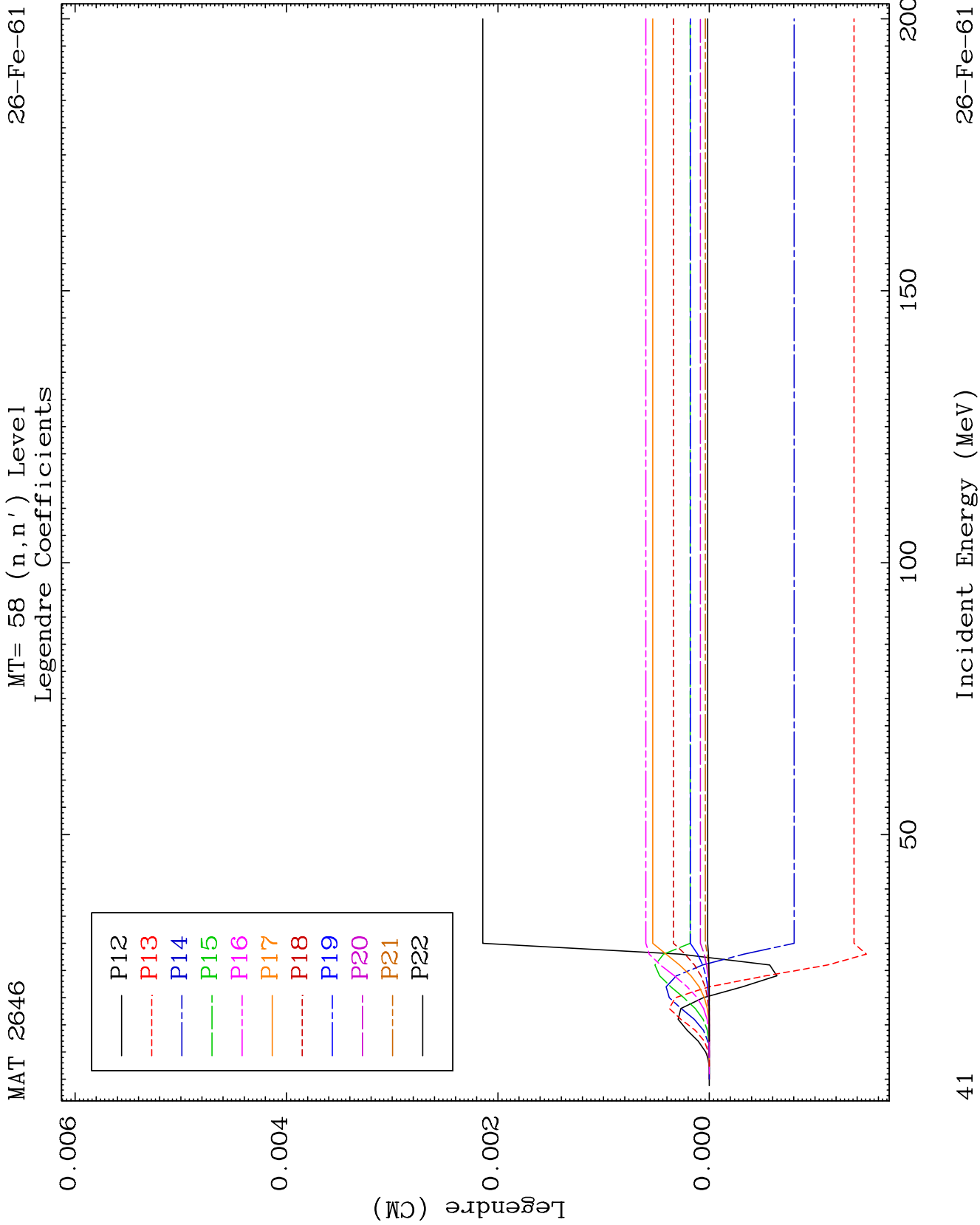


39

Incident Energy (MeV)

26-Fe-61

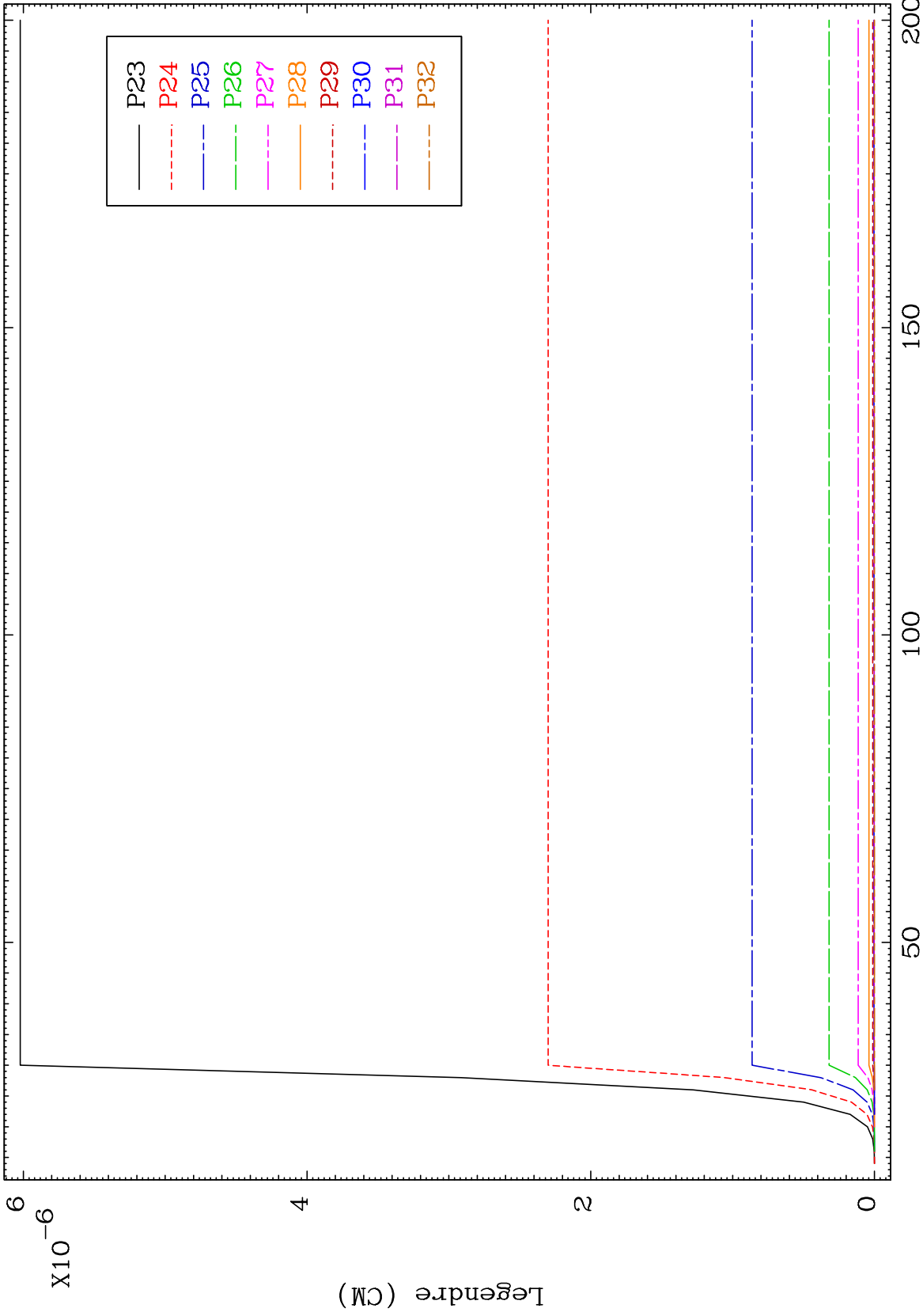




MAT 2646

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

26-Fe-61



42

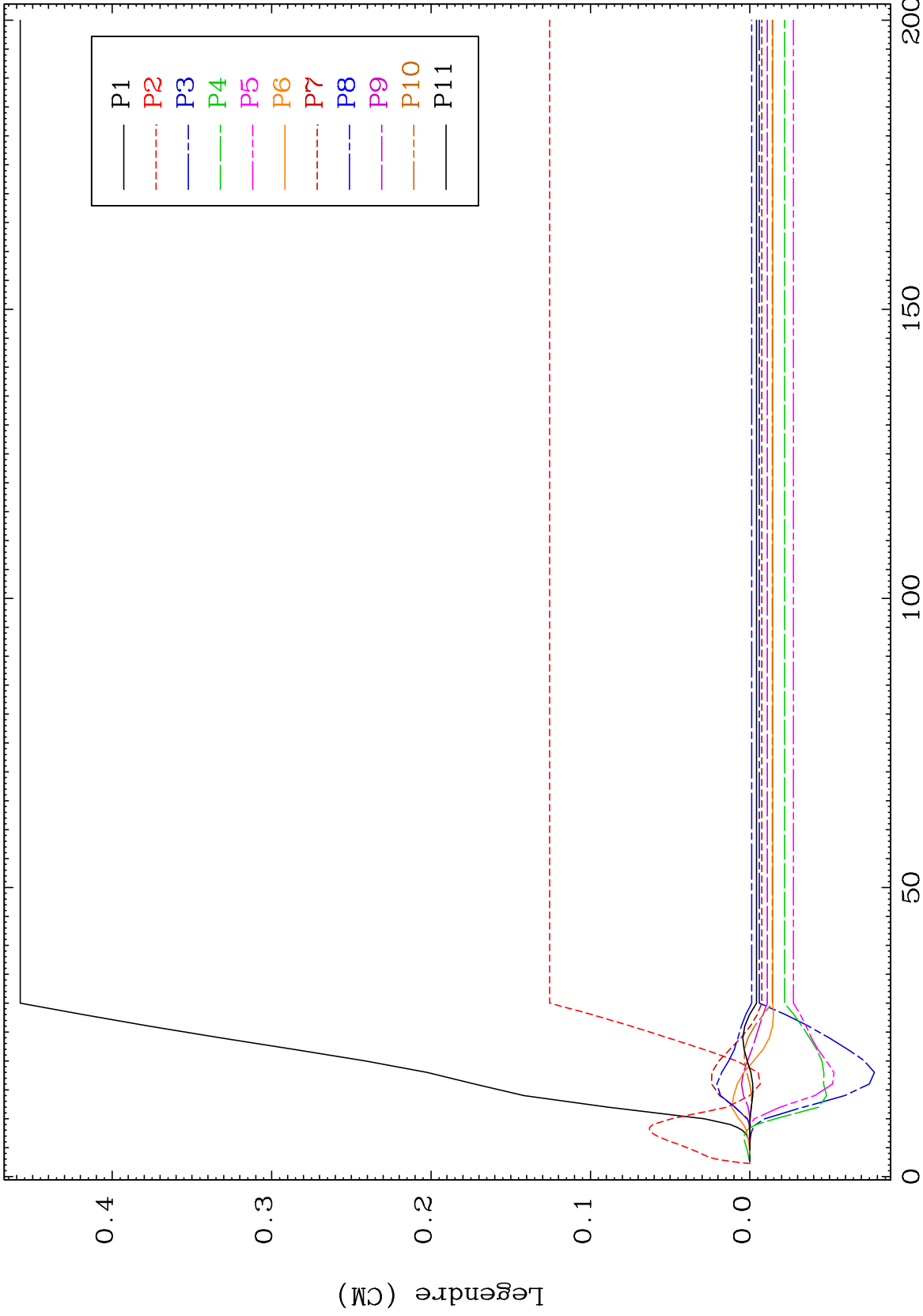
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



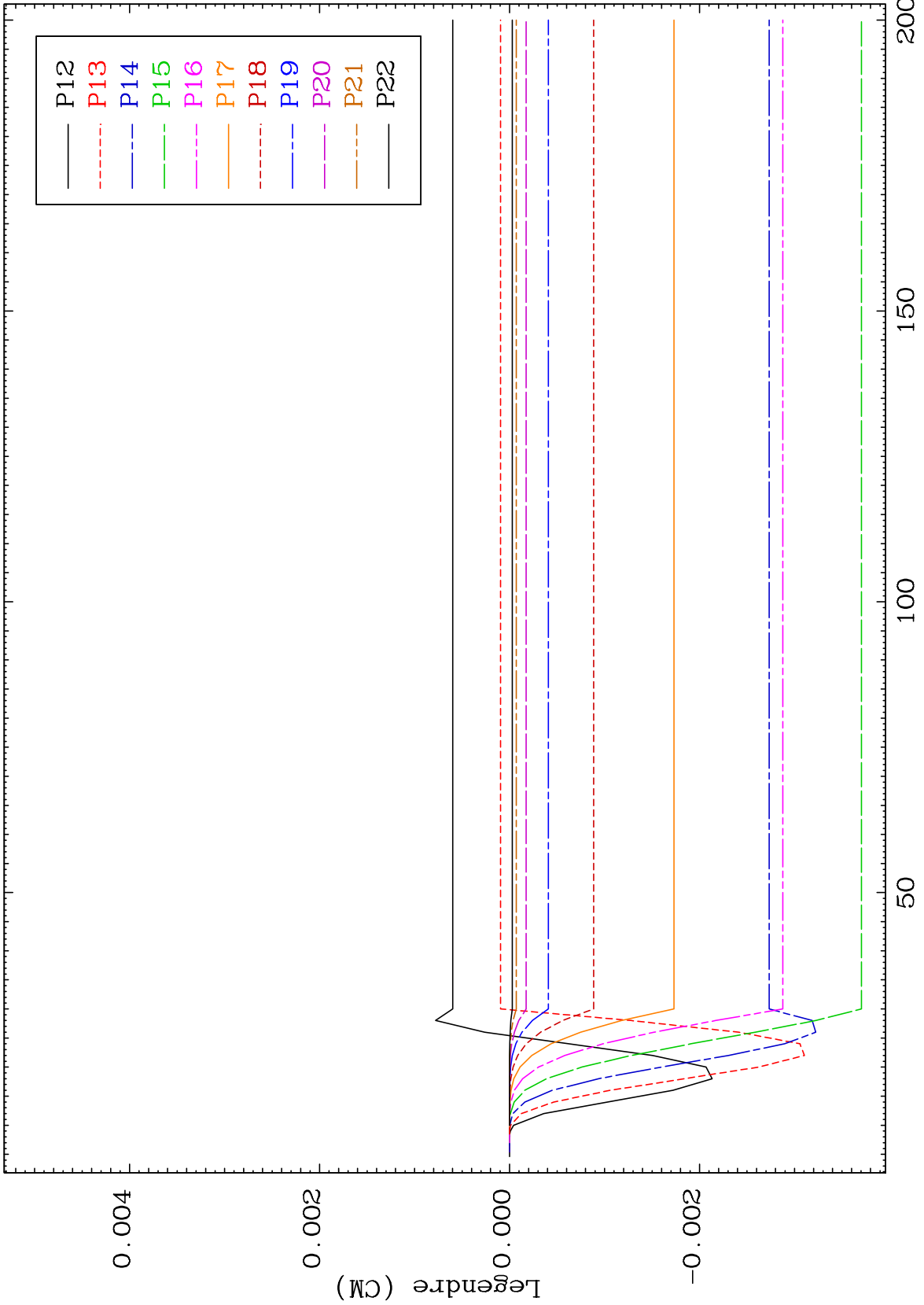
43

26-Fe-61

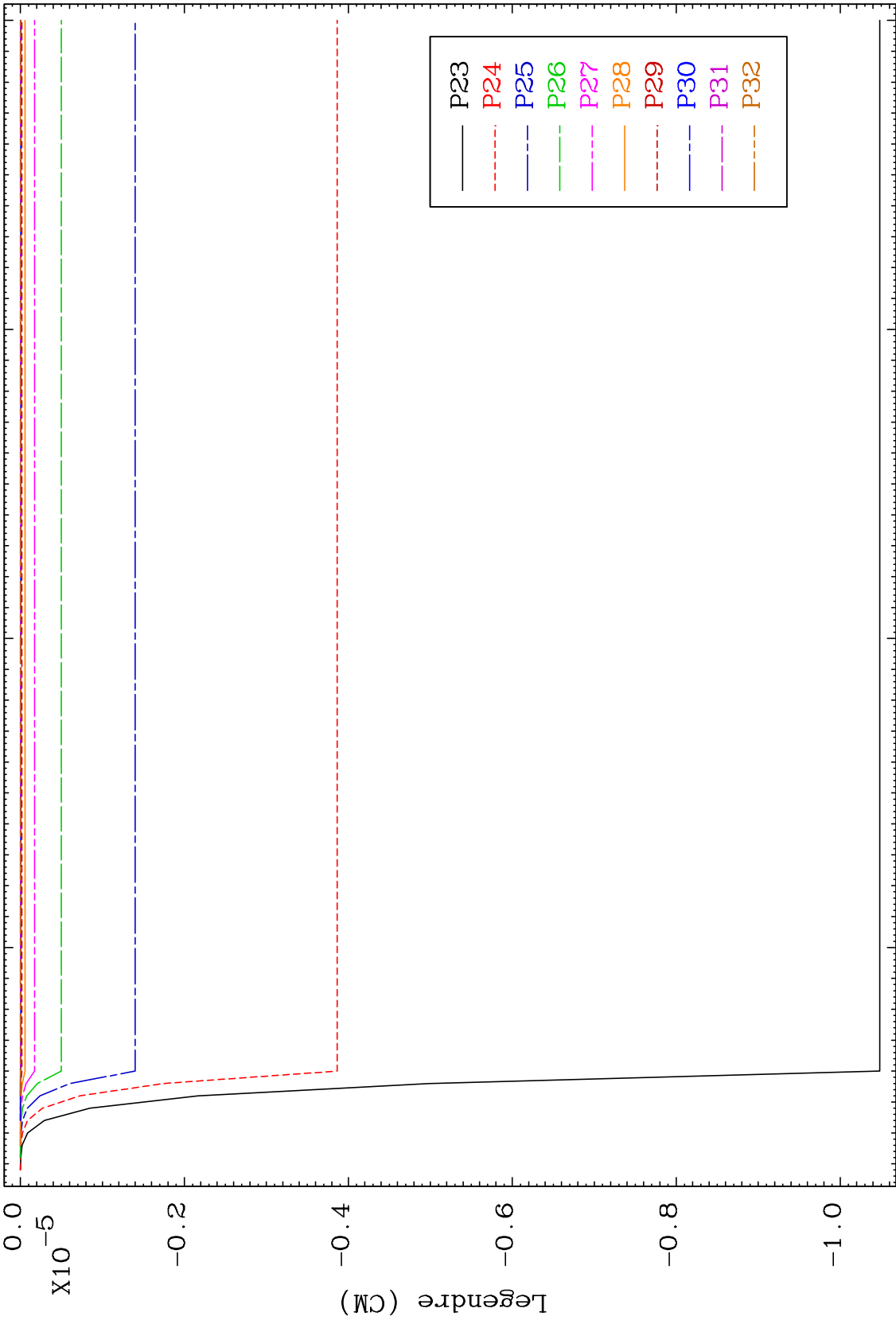
MAT 2646

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

²⁶Fe-61



MAT 2646 MT= 59 (n,n') Level Legendre Coefficients 26-Fe-61

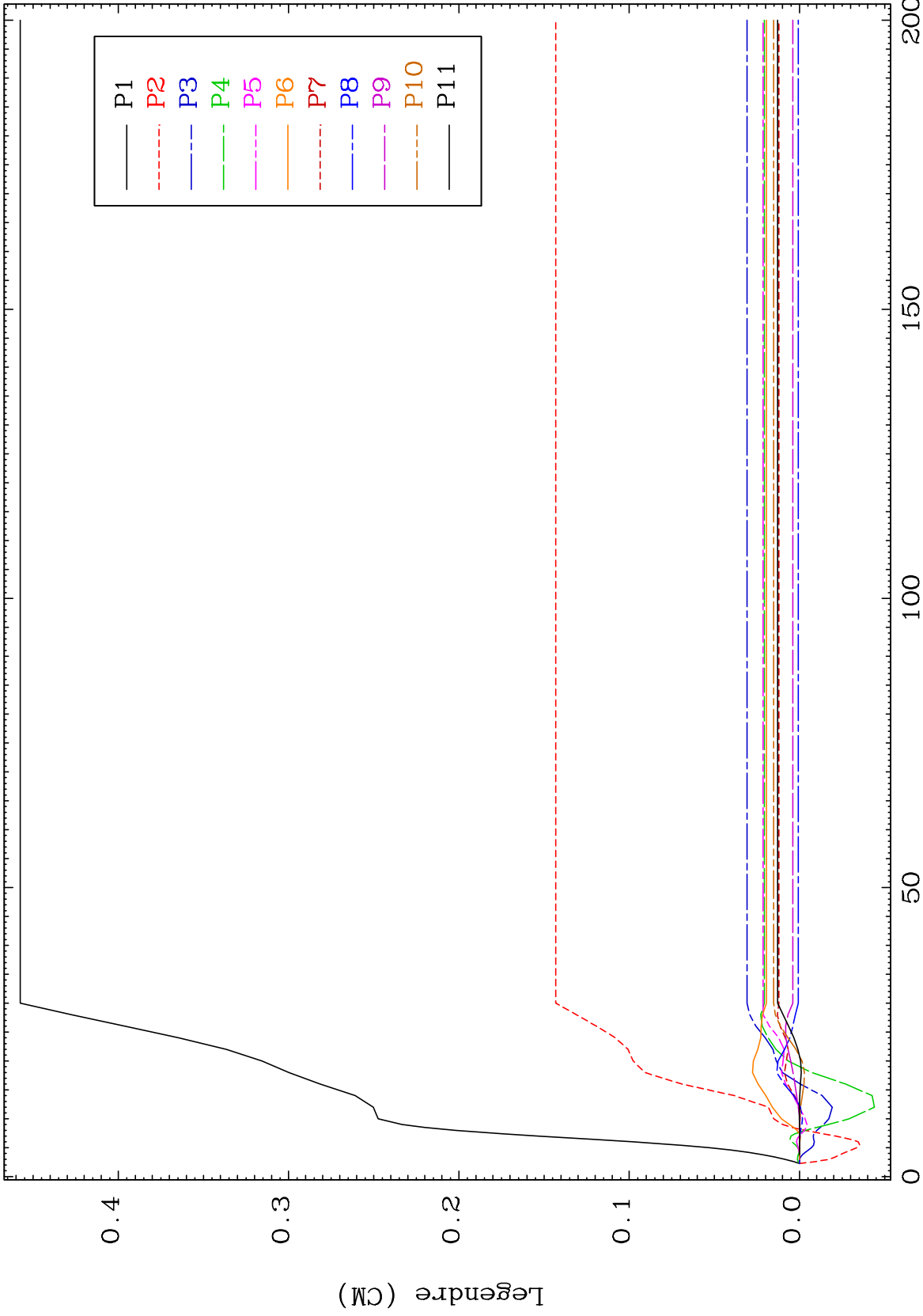


45 Incident Energy (MeV) 26-Fe-61

MAT 2646

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

26-Fe-61

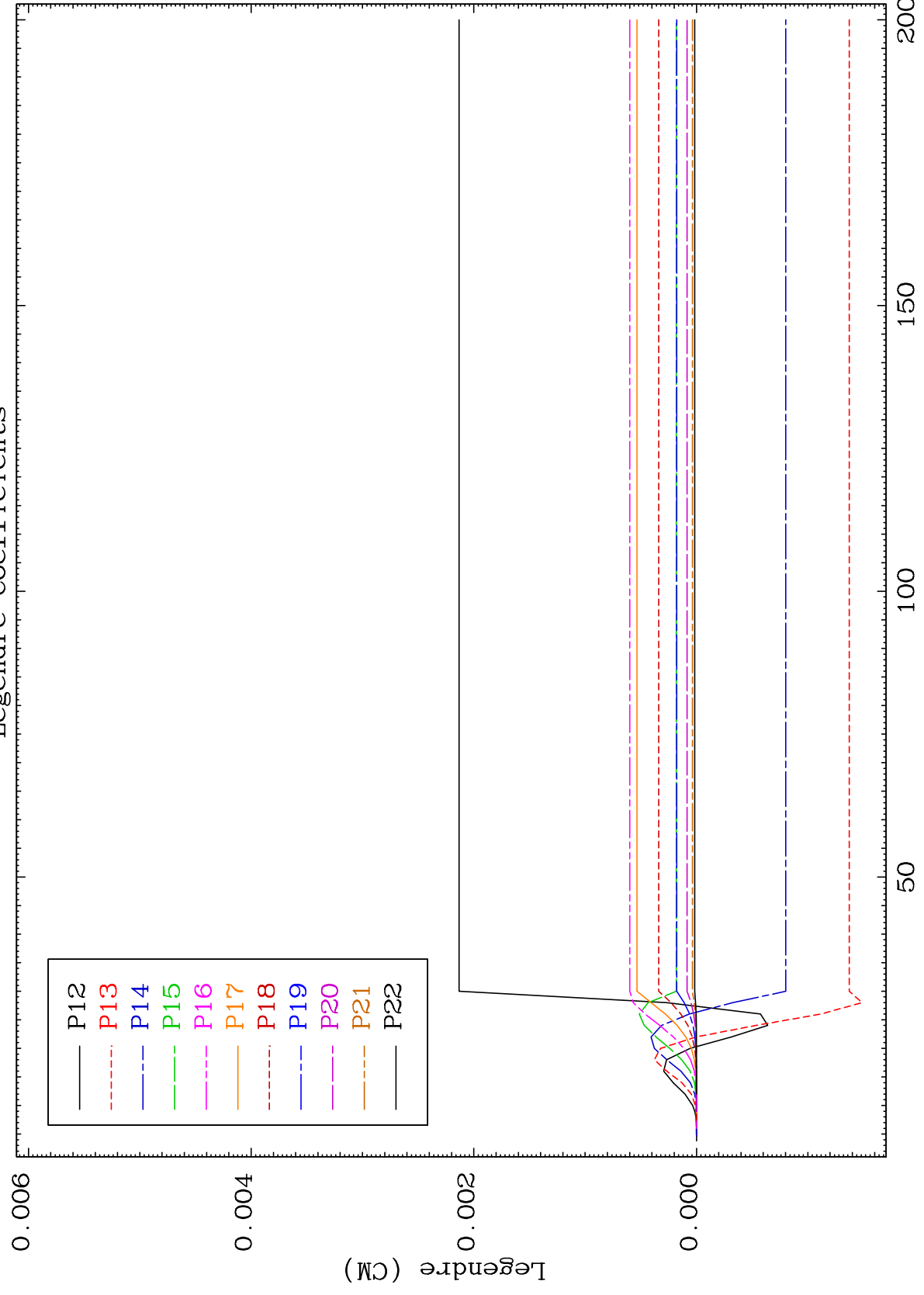


46

Incident Energy (MeV)

26-Fe-61

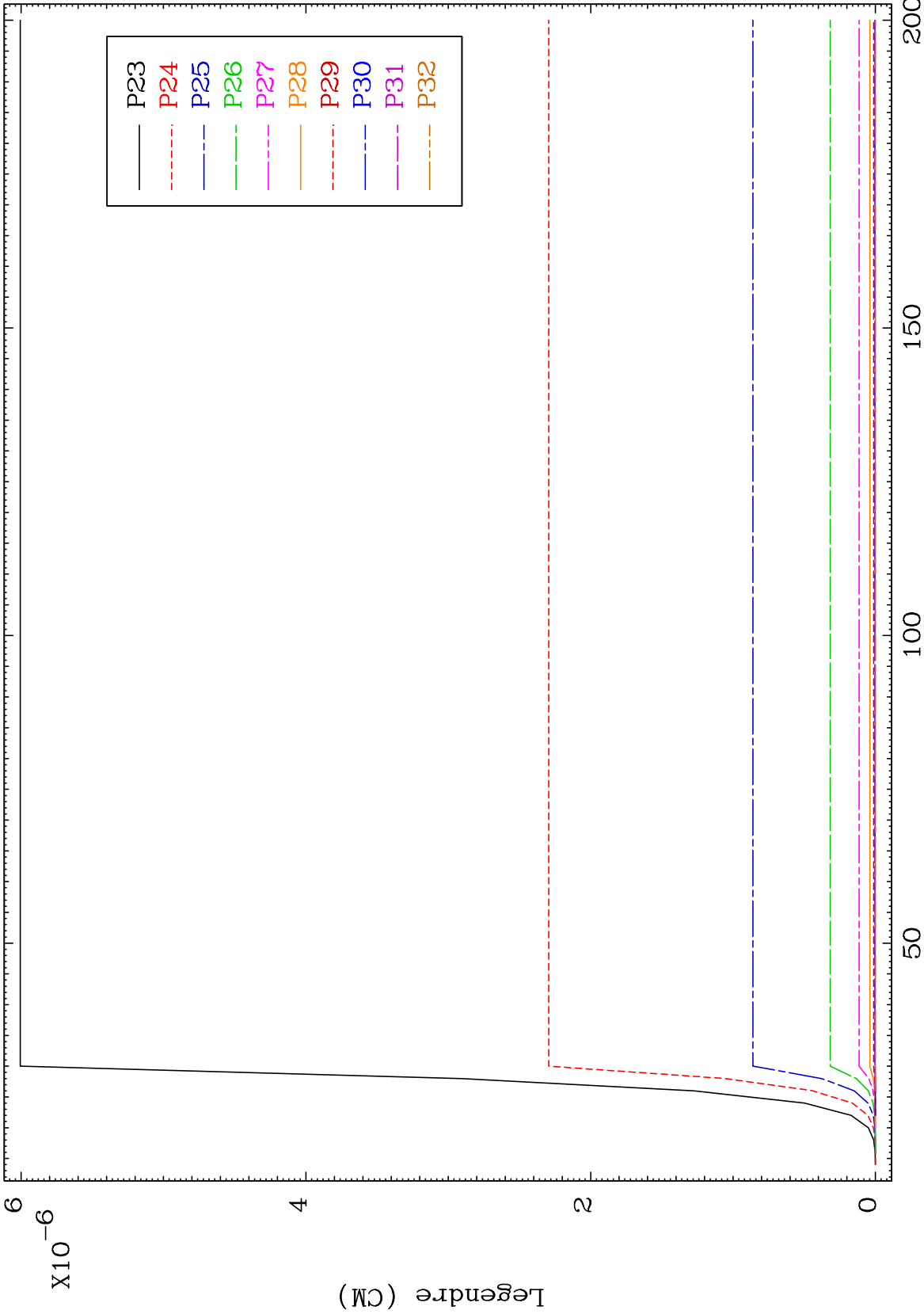
MAT 2646 MT= 60 (n, n') Level Legendre Coefficients 26-Fe-61



MAT 2646

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

26-Fe-61



48

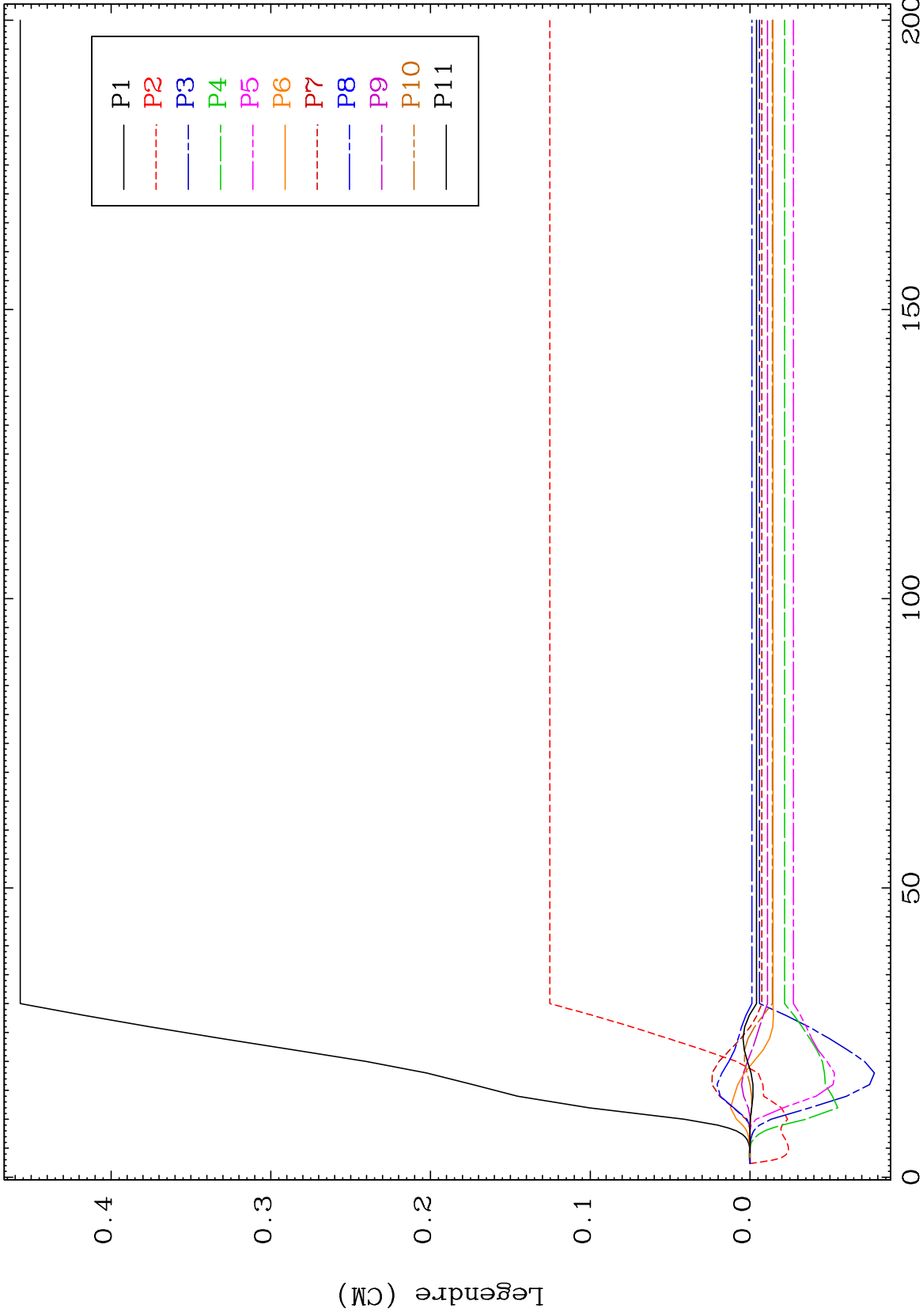
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



49

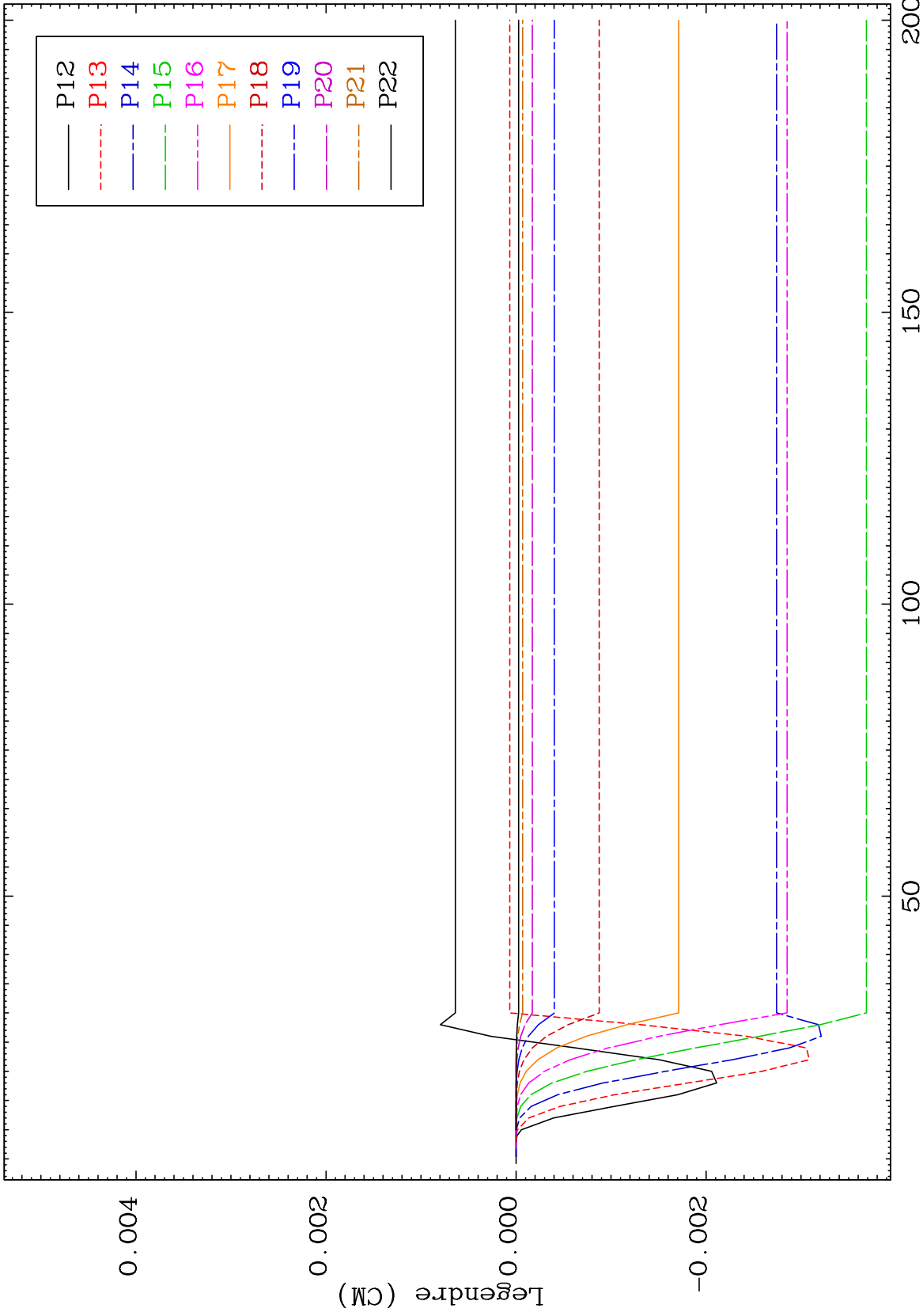
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

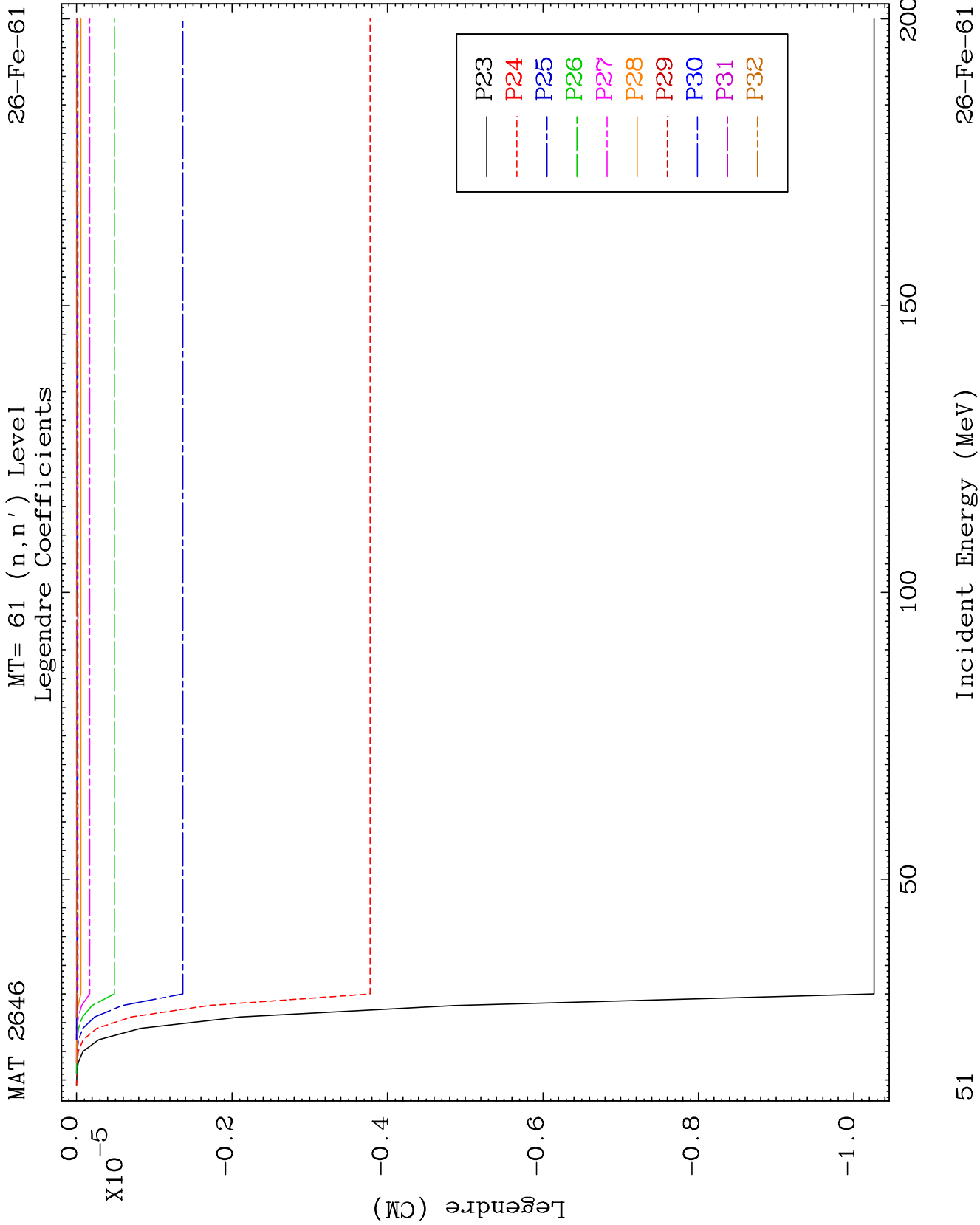
²⁶Fe-61



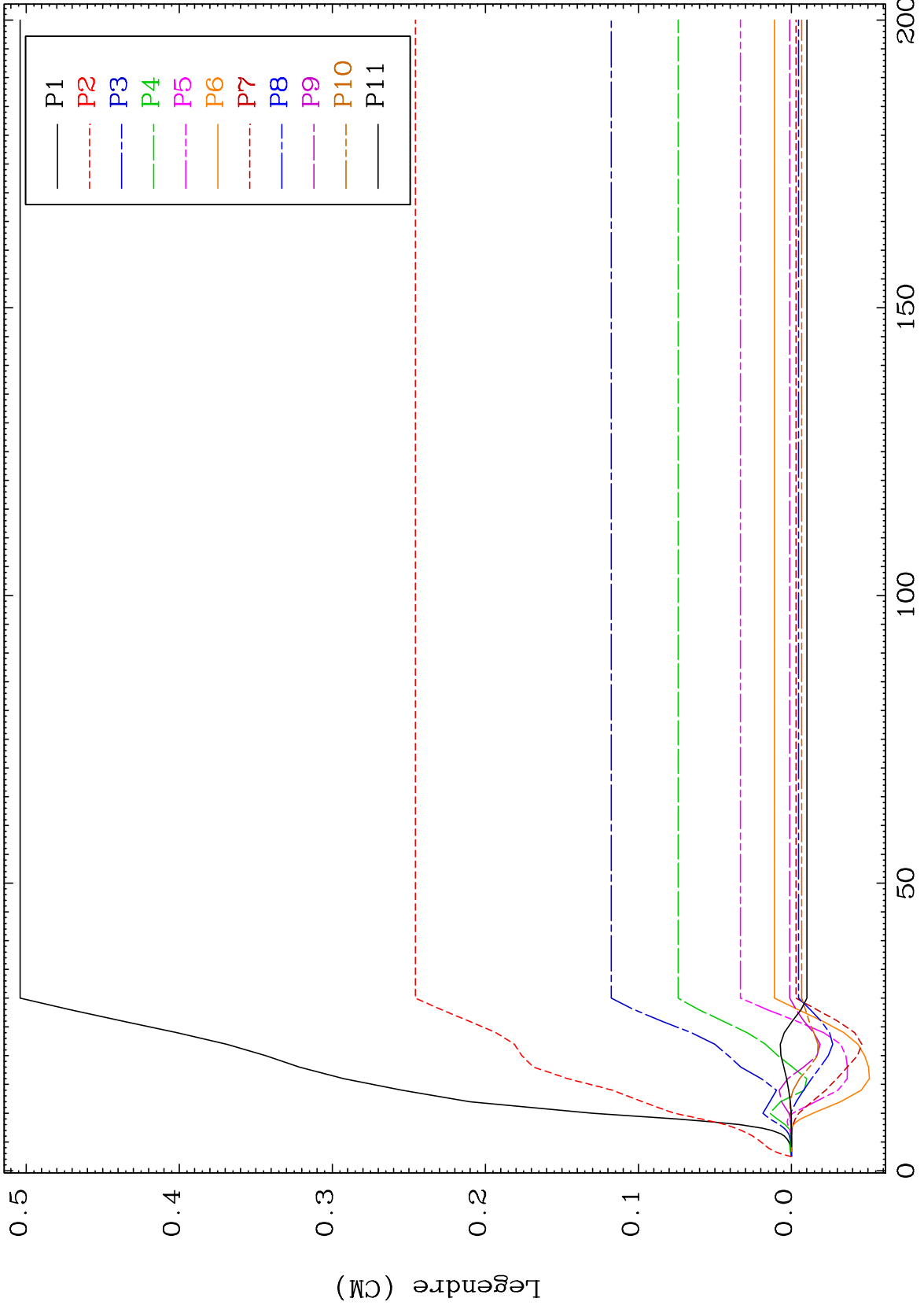
50

Incident Energy (MeV)

²⁶Fe-61



MAT 2646 MT= 62 (n,n') Level Legendre Coefficients 26-Fe-61

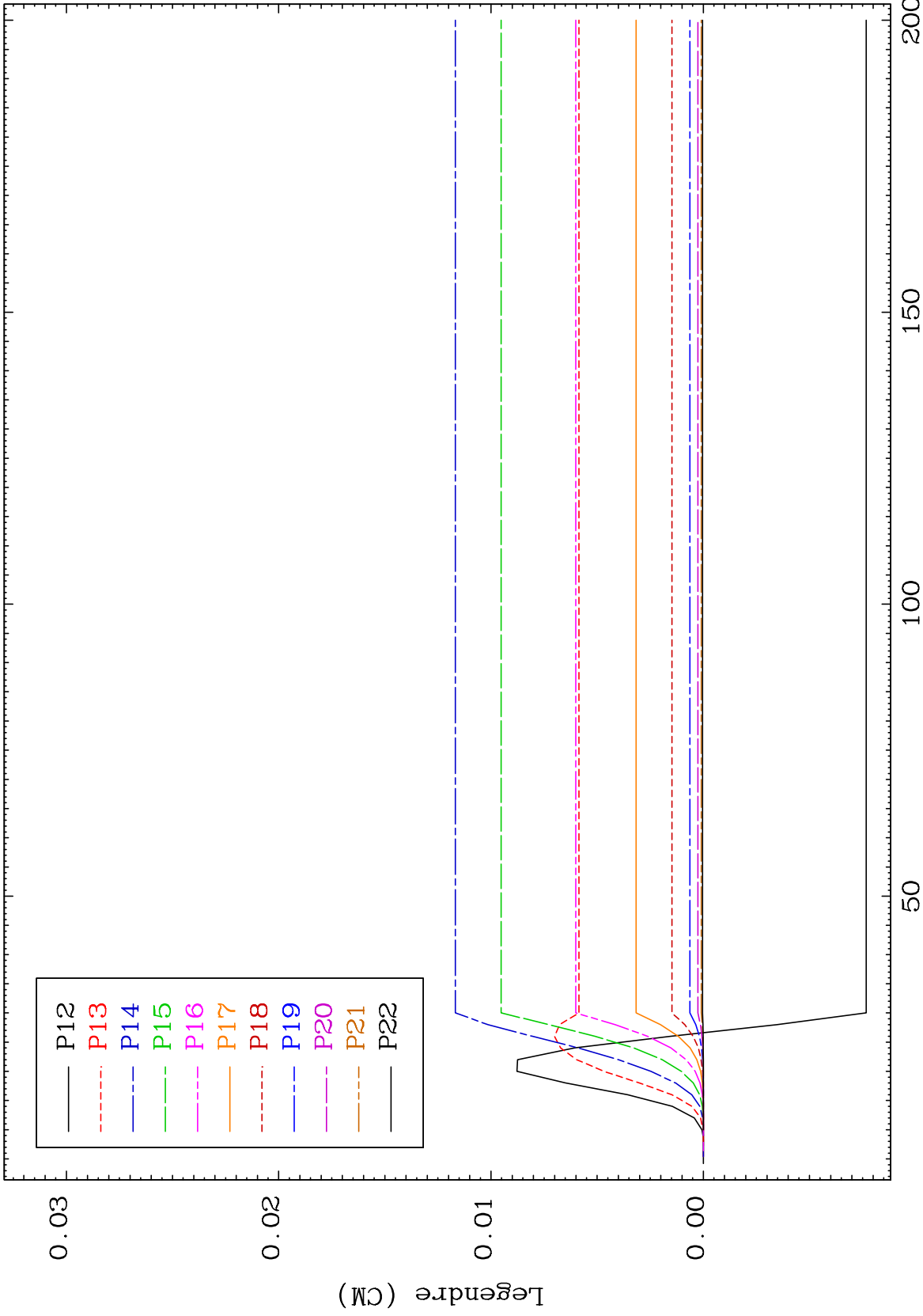


52 26-Fe-61

MAT 2646

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

²⁶Fe-61



53

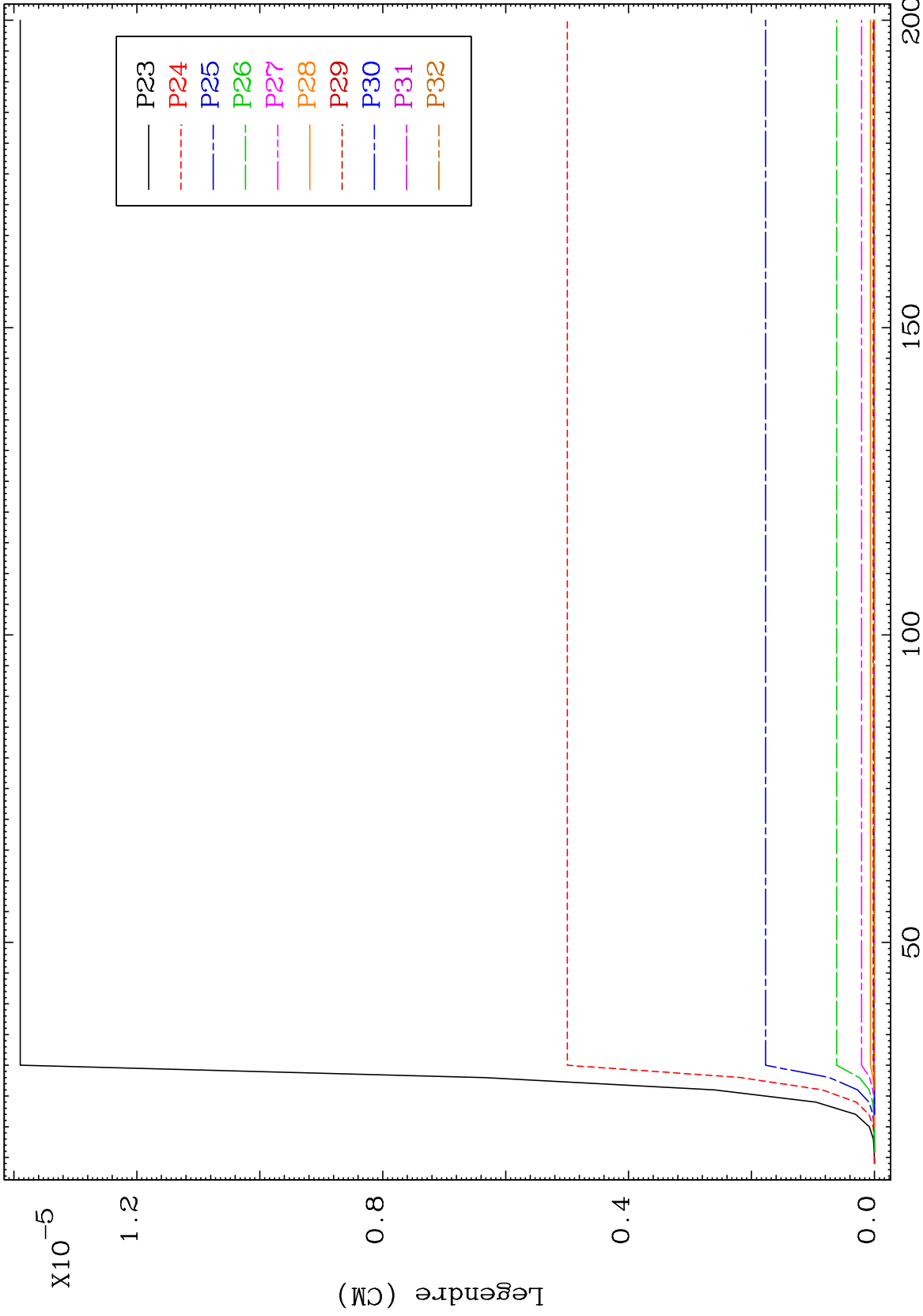
Incident Energy (MeV)

²⁶Fe-61

MAT 2646

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

26-Fe-61

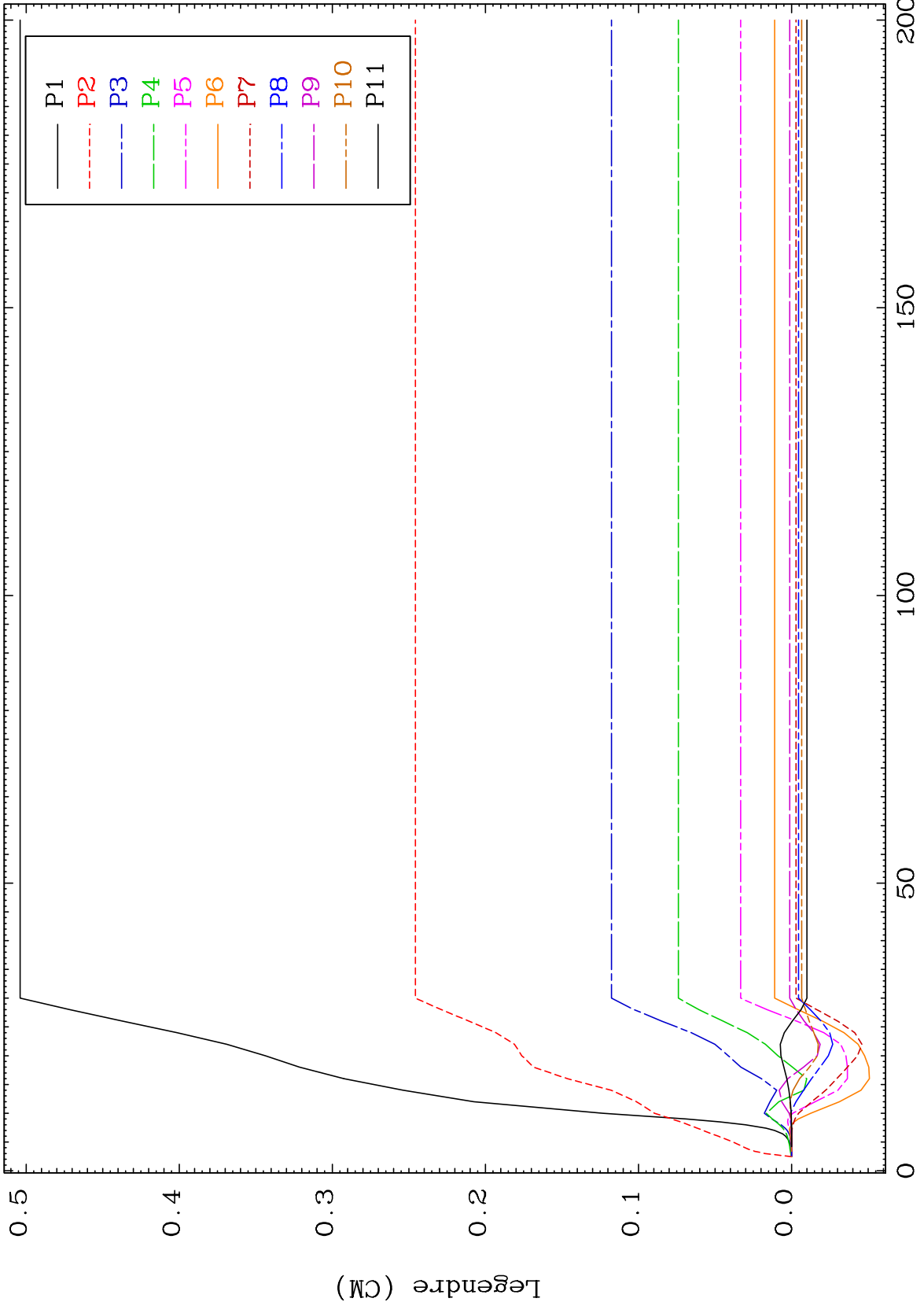


54

Incident Energy (MeV)

26-Fe-61

MAT 2646 MT= 63 (n,n') Level Legendre Coefficients 26-Fe-61

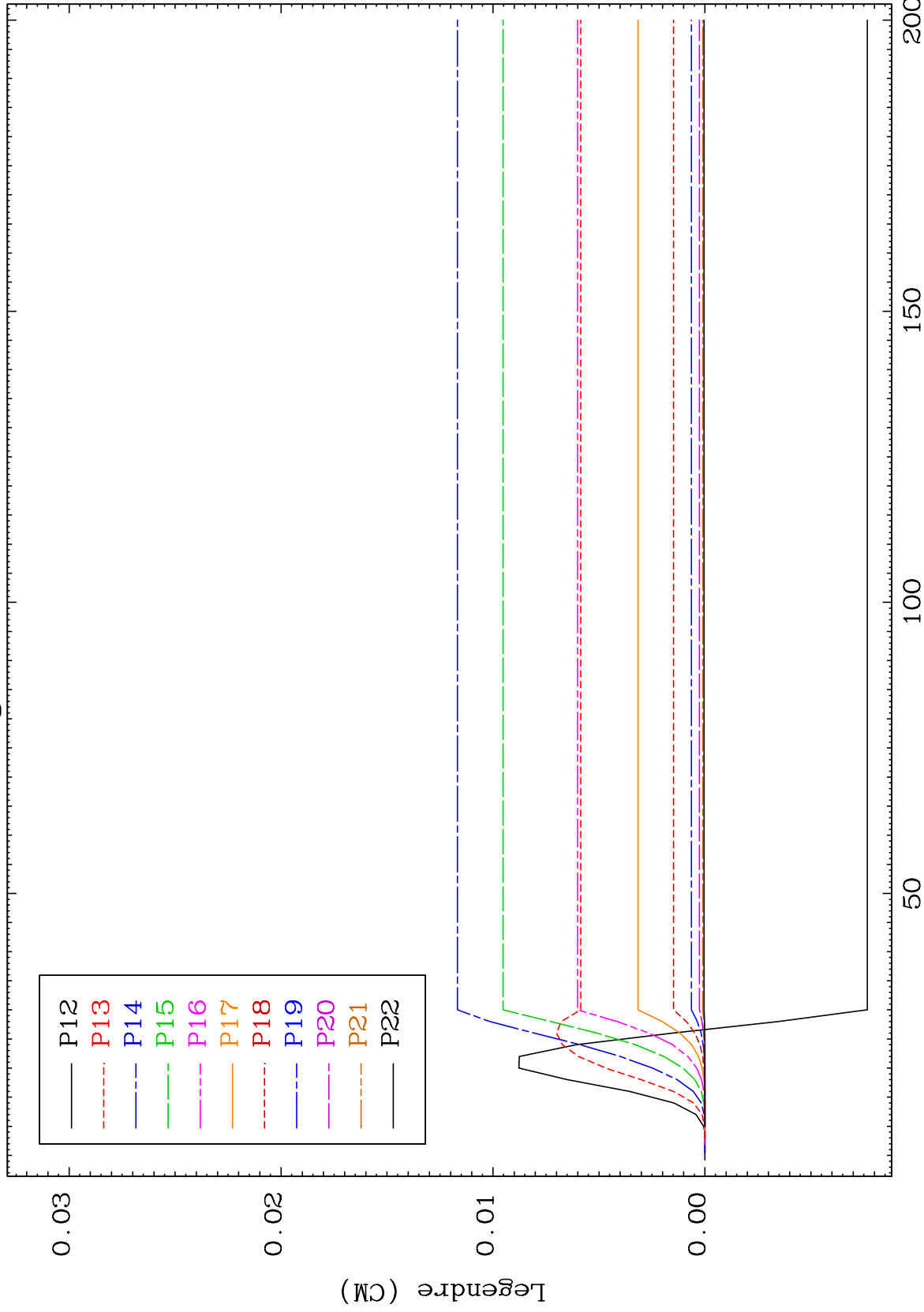


55 Incident Energy (MeV) 200 26-Fe-61

MAT 2646

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

²⁶Fe-61



56

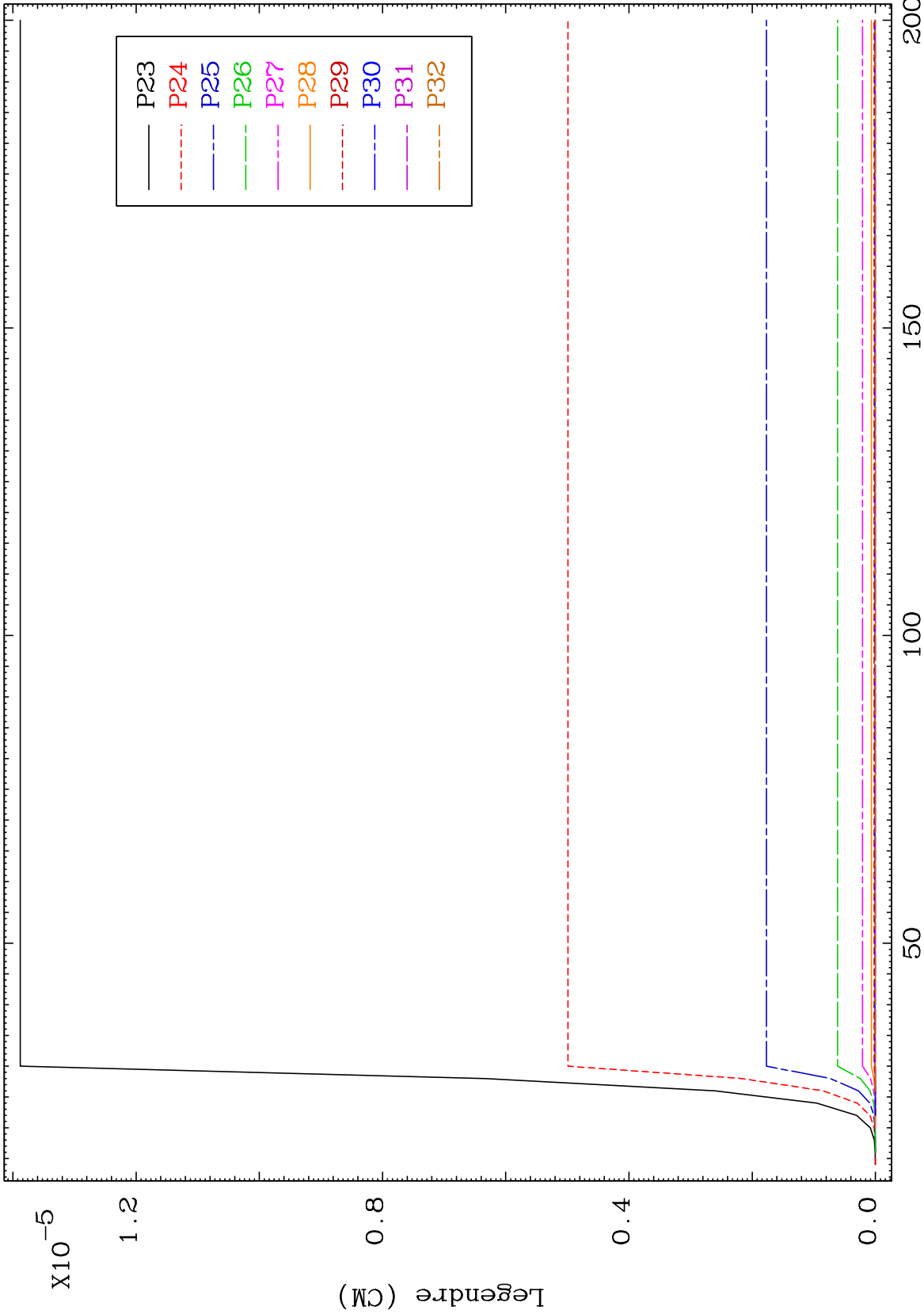
Incident Energy (MeV)

²⁶Fe-61

MAT 2646

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

26-Fe-61

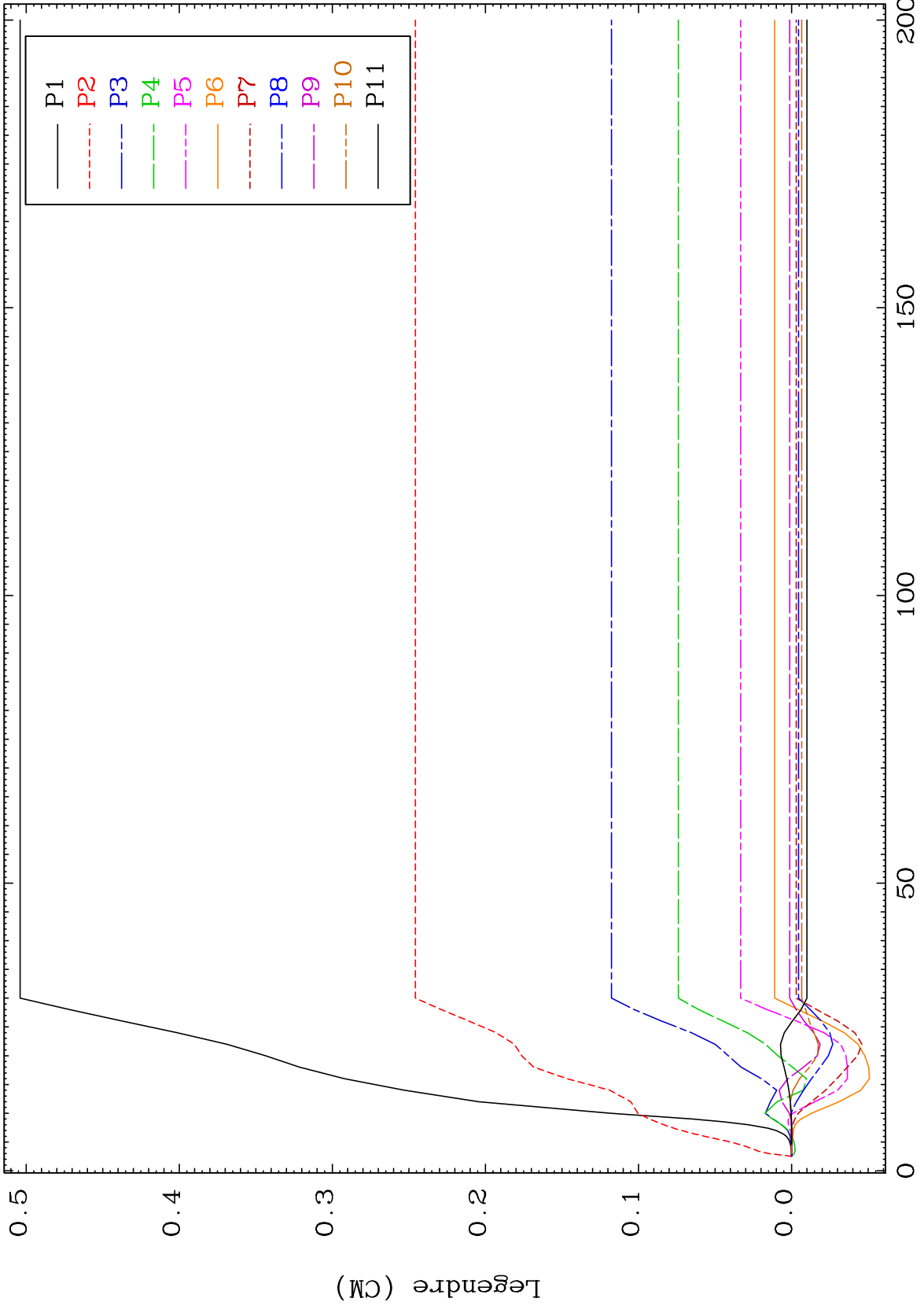


57

Incident Energy (MeV)

26-Fe-61

MAT 2646 MT= 64 (n,n') Level Legendre Coefficients 26-Fe-61

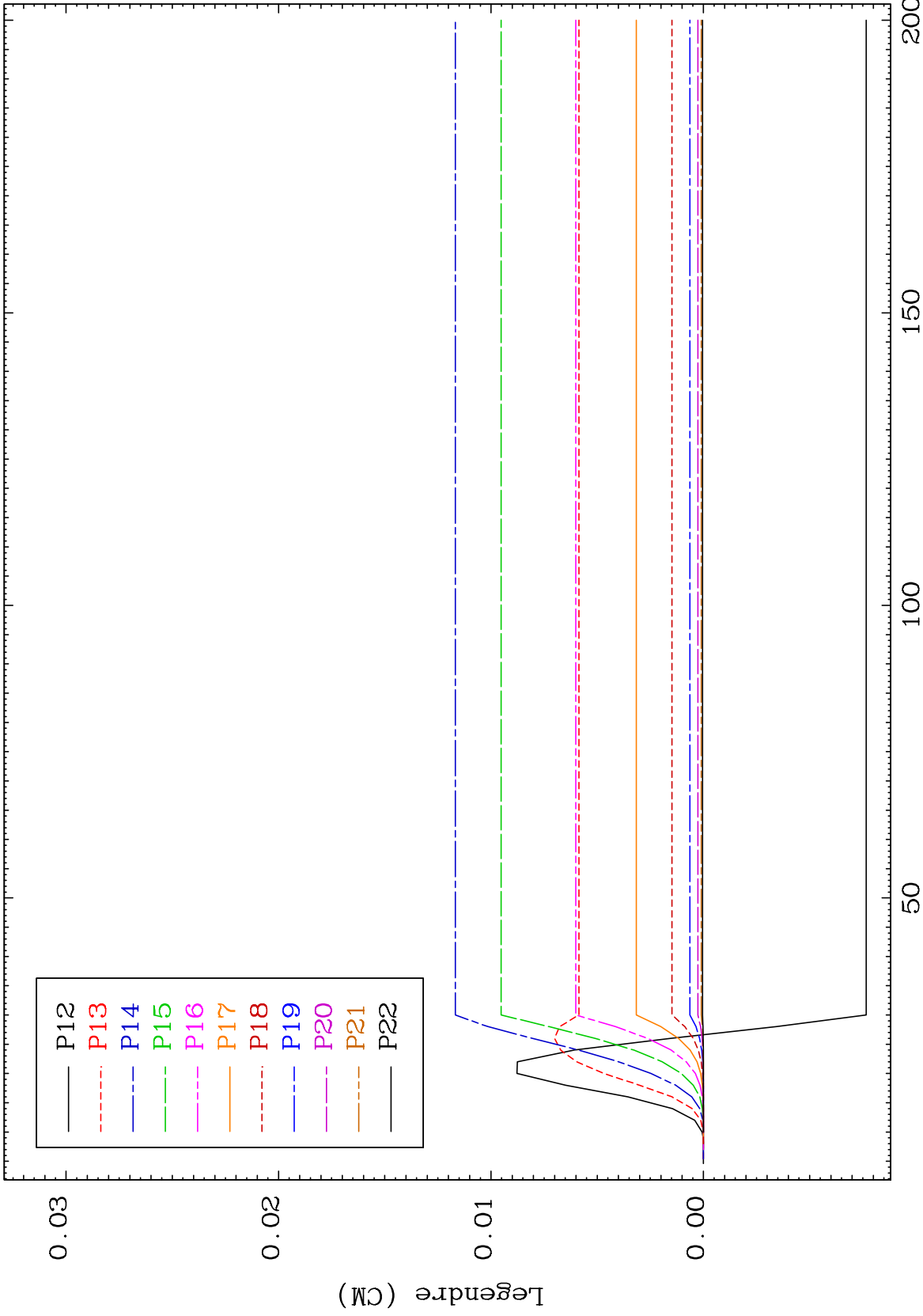


58 Incident Energy (MeV) 26-Fe-61

MAT 2646

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

²⁶Fe-61



59

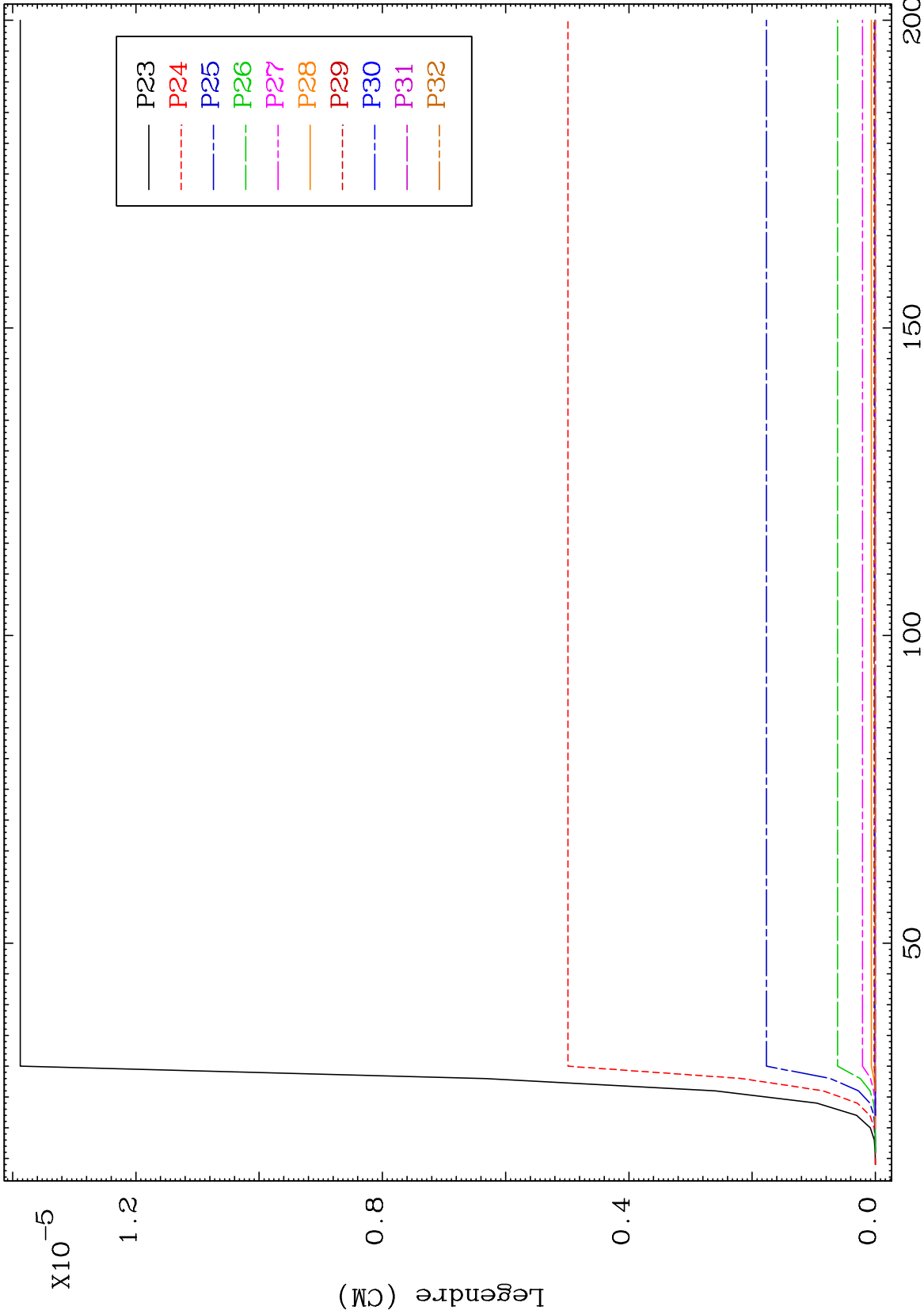
Incident Energy (MeV)

²⁶Fe-61

MAT 2646

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

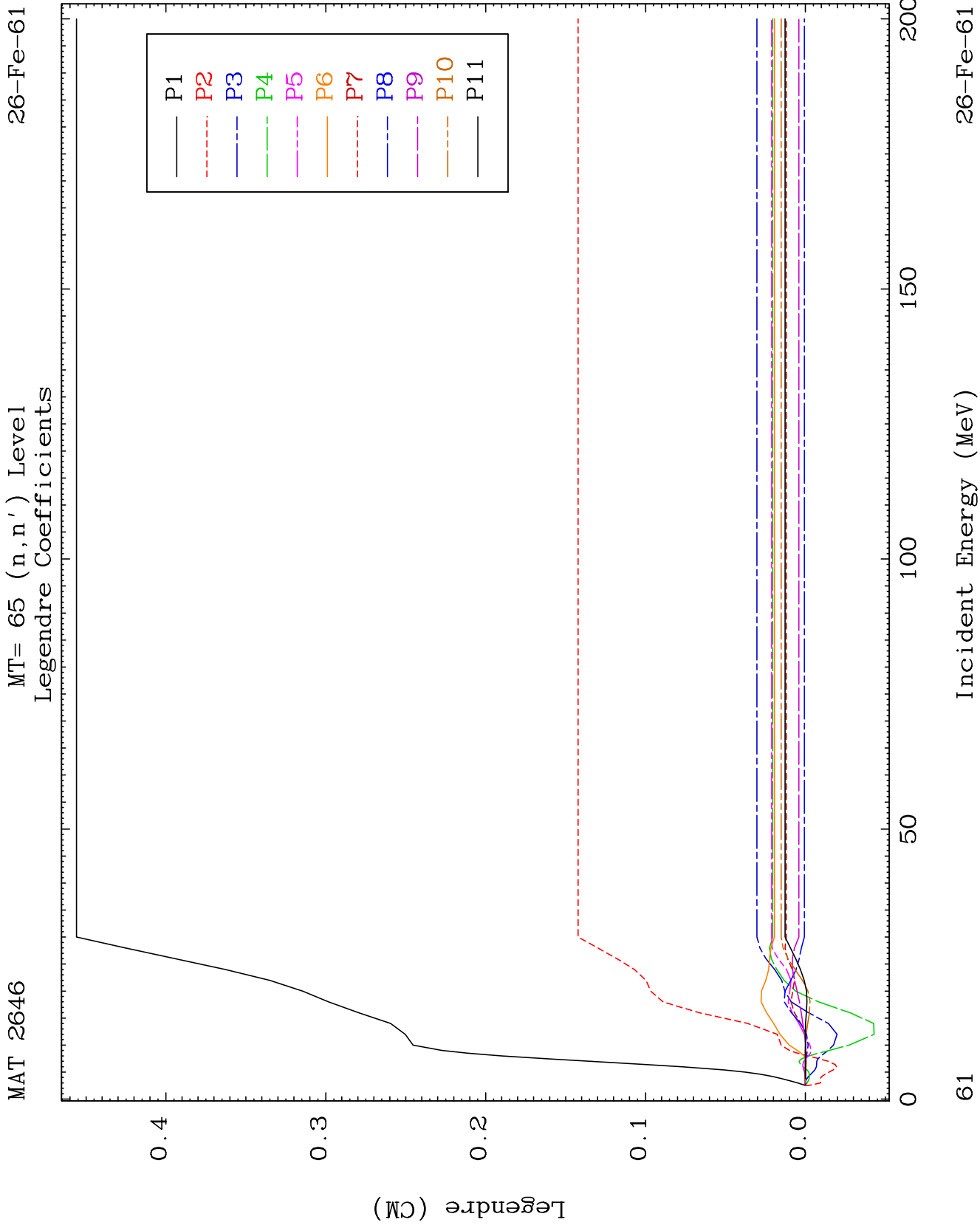
26-Fe-61



60

Incident Energy (MeV)

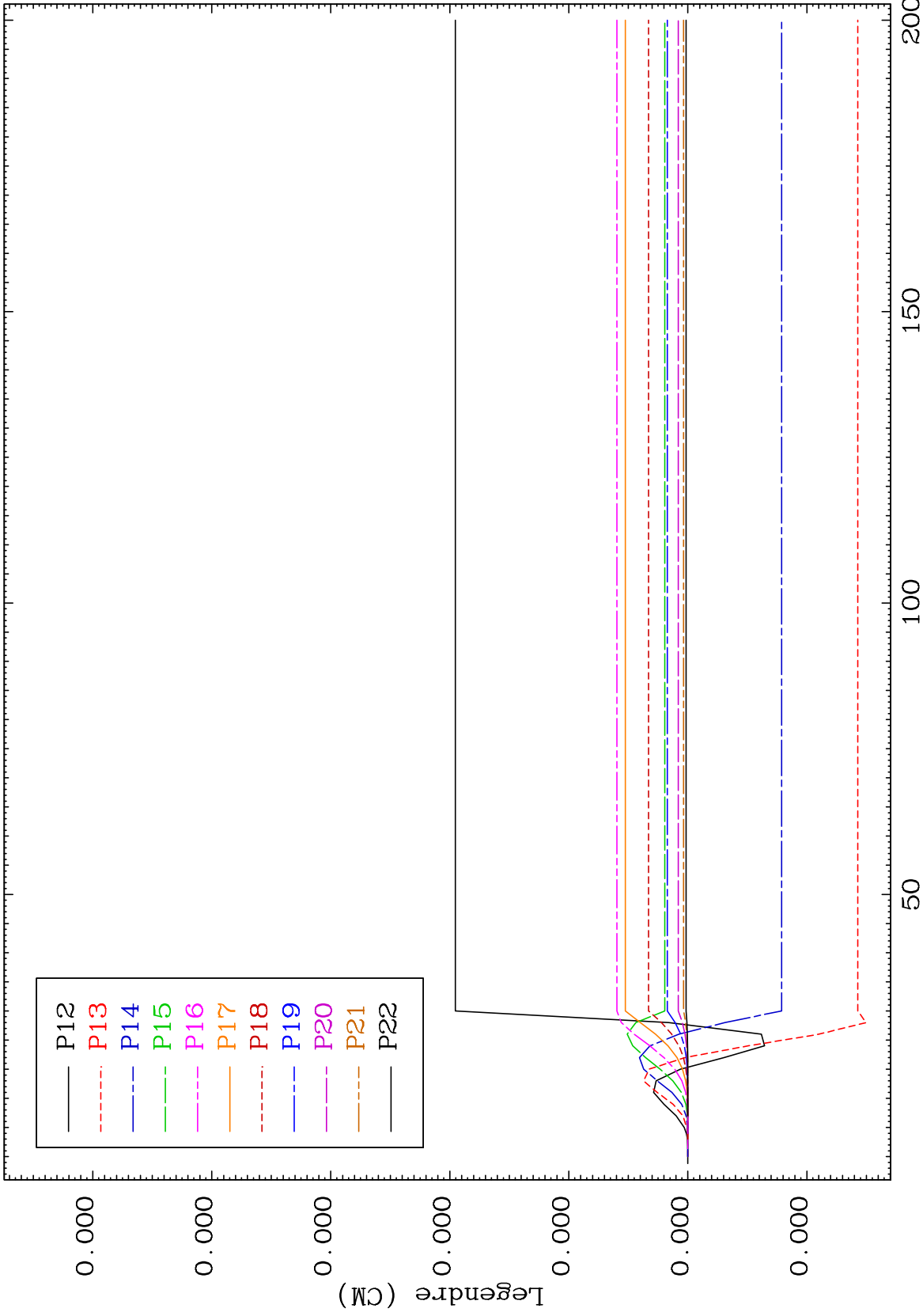
26-Fe-61



MAT 2646

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

²⁶Fe-61



62

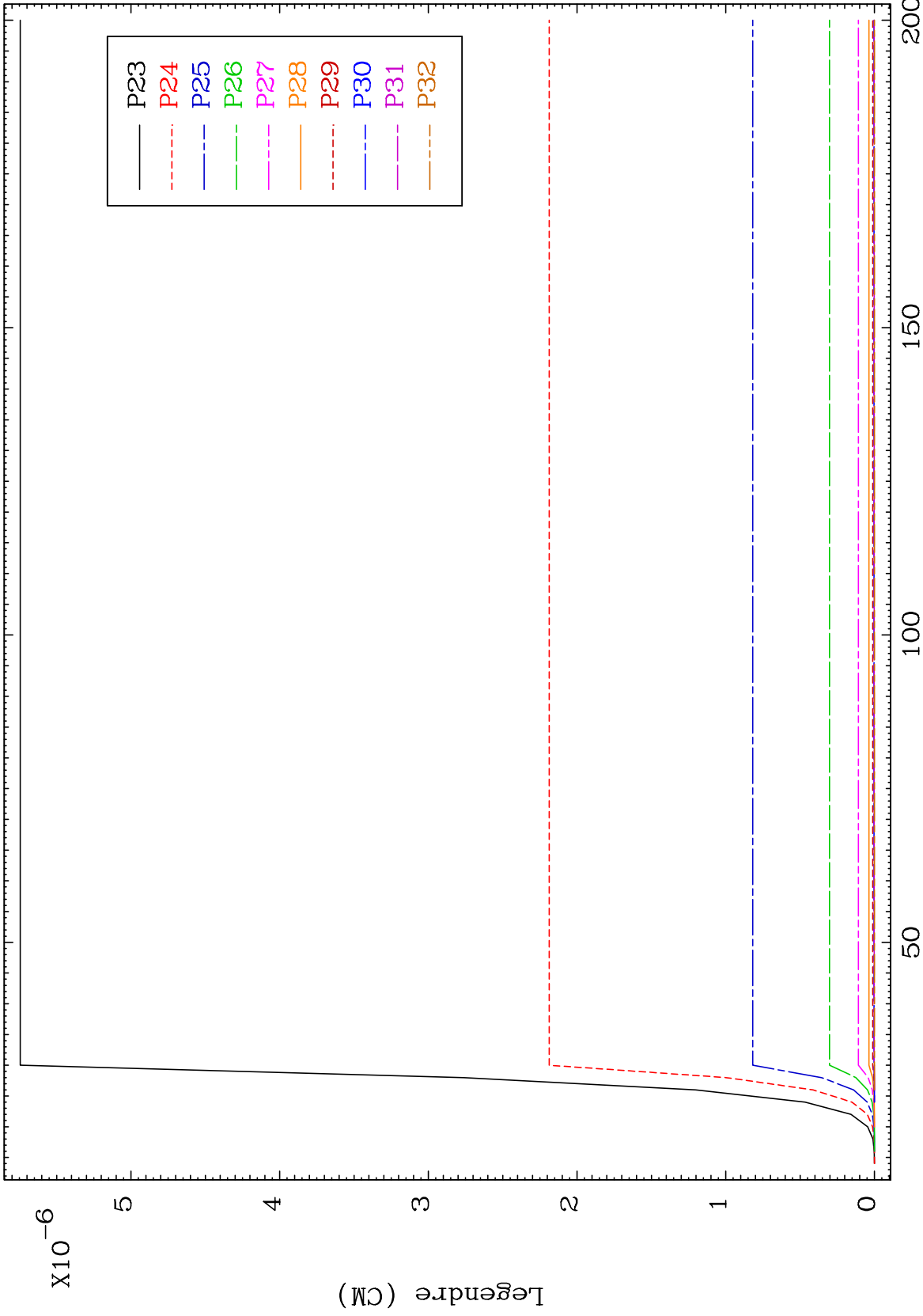
Incident Energy (MeV)

²⁶Fe-61

MAT 2646

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

26-Fe-61

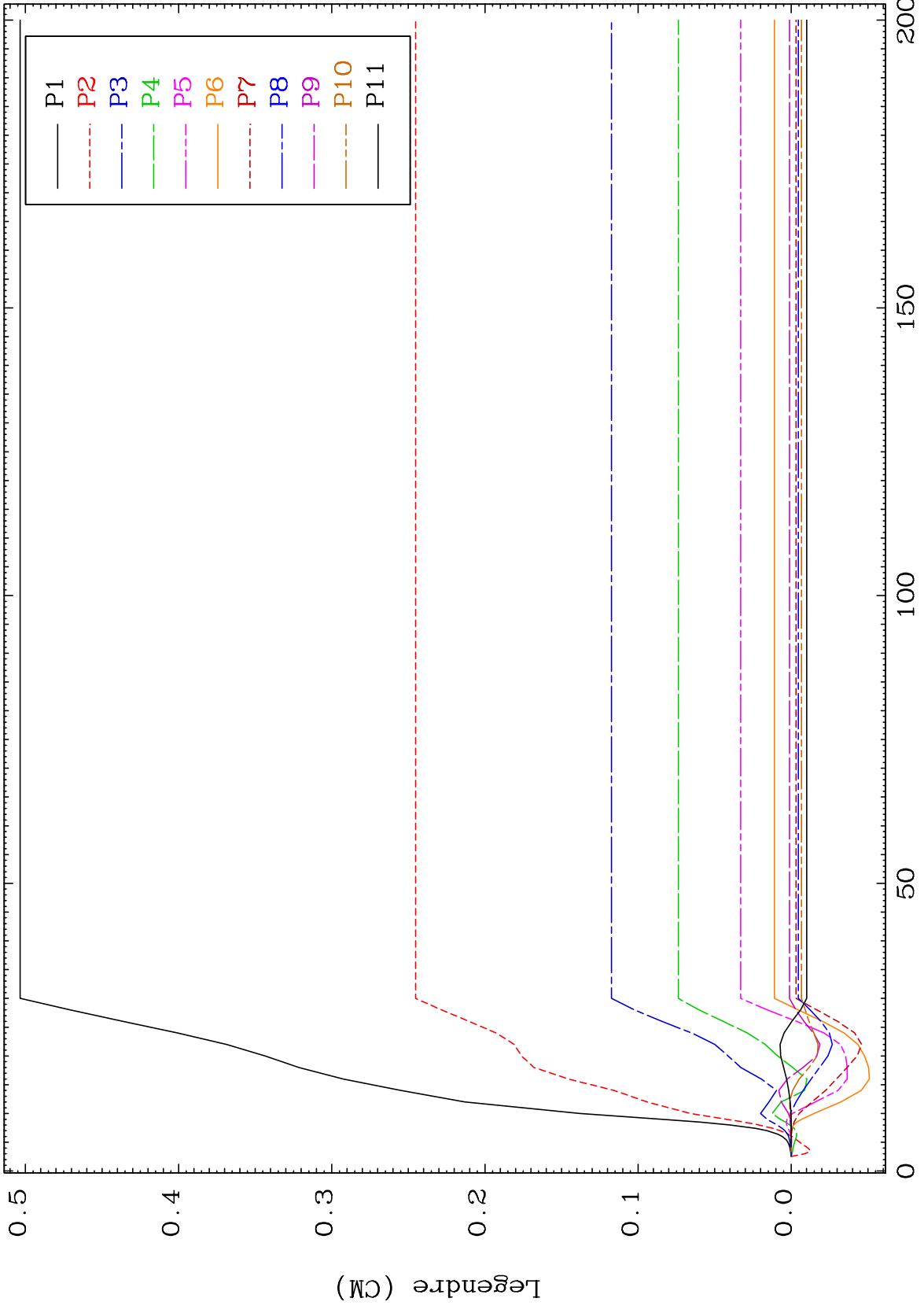


63

Incident Energy (MeV)

26-Fe-61

MAT 2646 MT= 66 (n,n') Level Legendre Coefficients 26-Fe-61

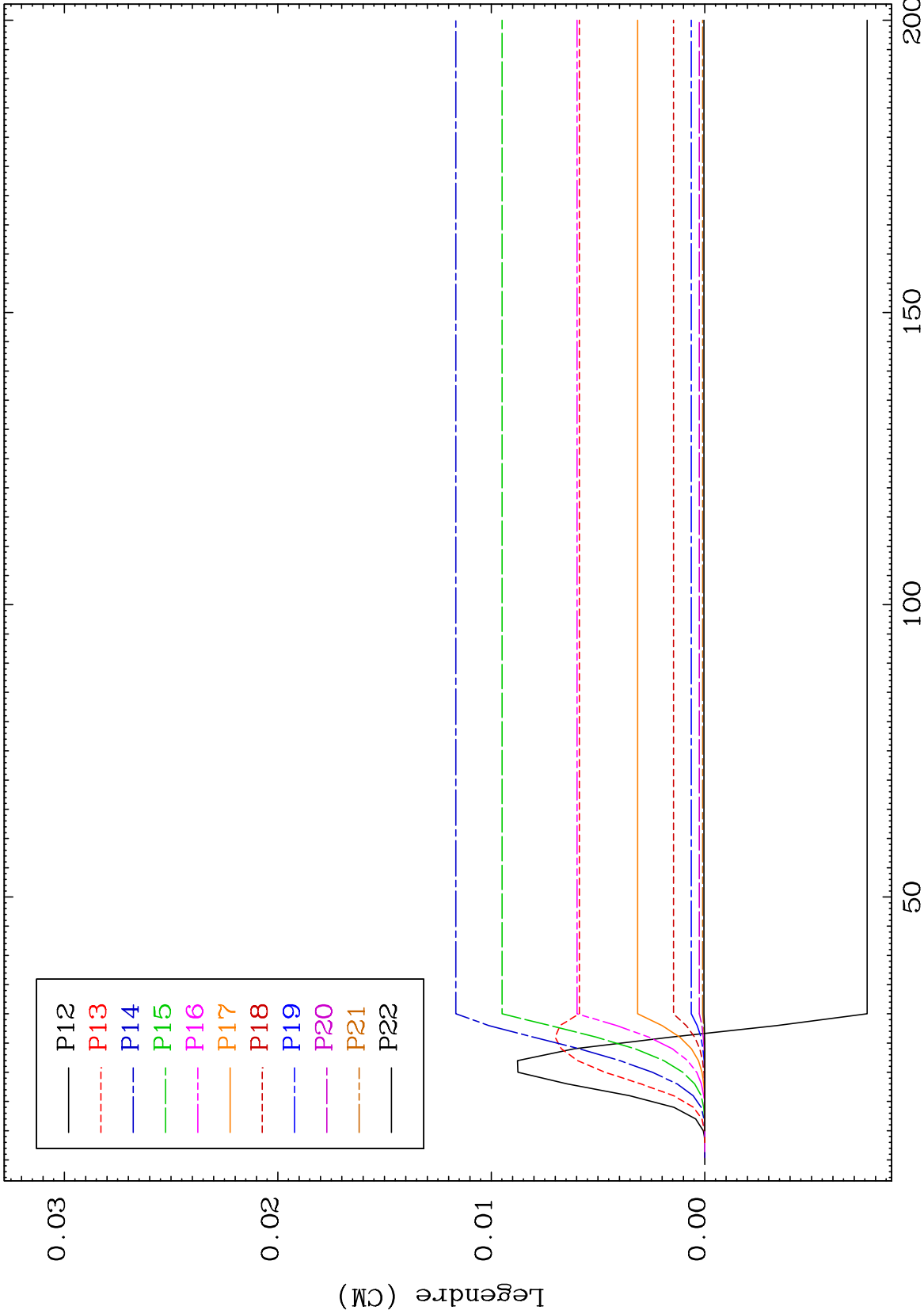


64 Incident Energy (MeV) 26-Fe-61

MAT 2646

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

26-Fe-61



65

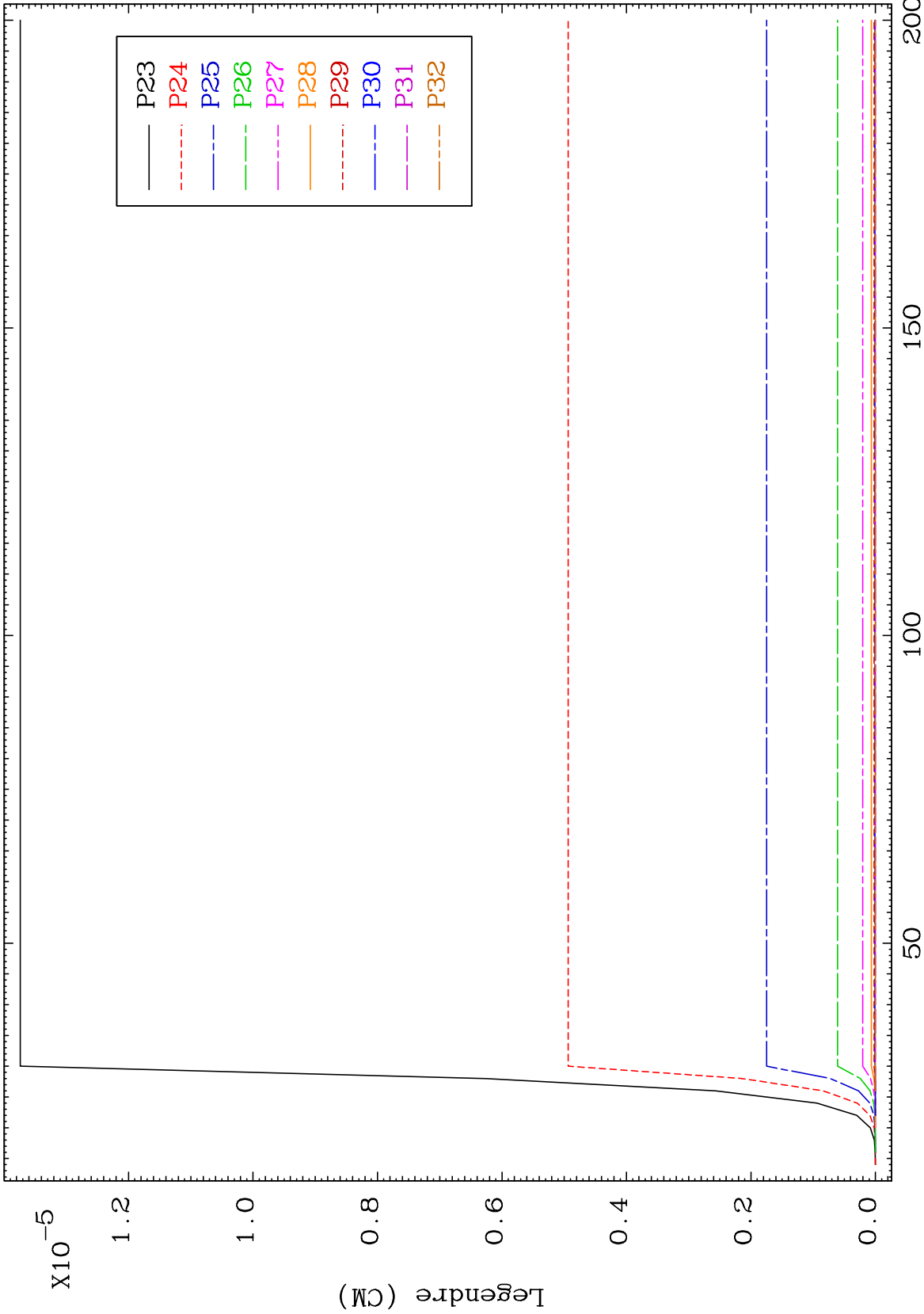
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61

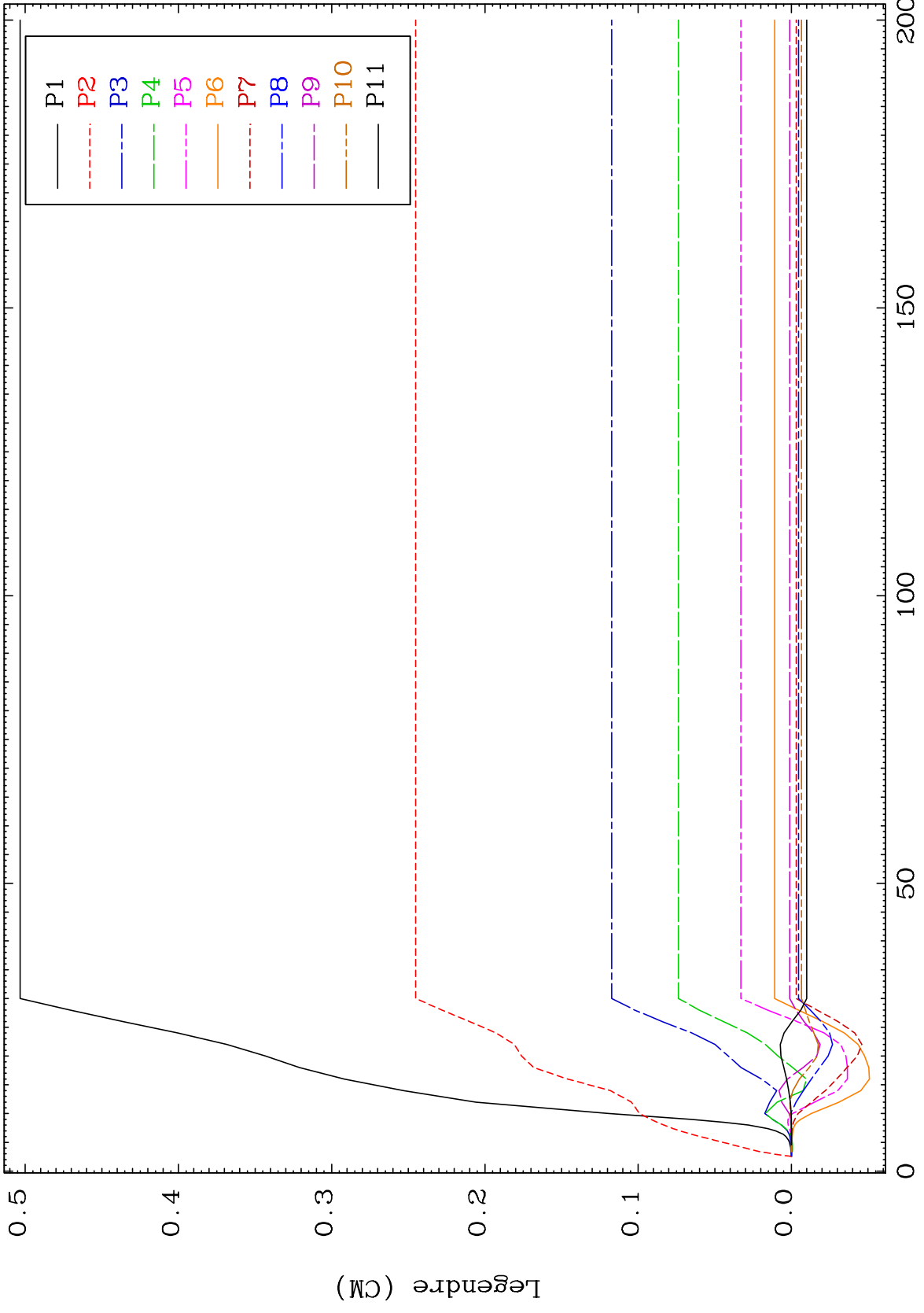


66

Incident Energy (MeV)

26-Fe-61

MAT 2646 MT= 67 (n,n') Level Legendre Coefficients 26-Fe-61

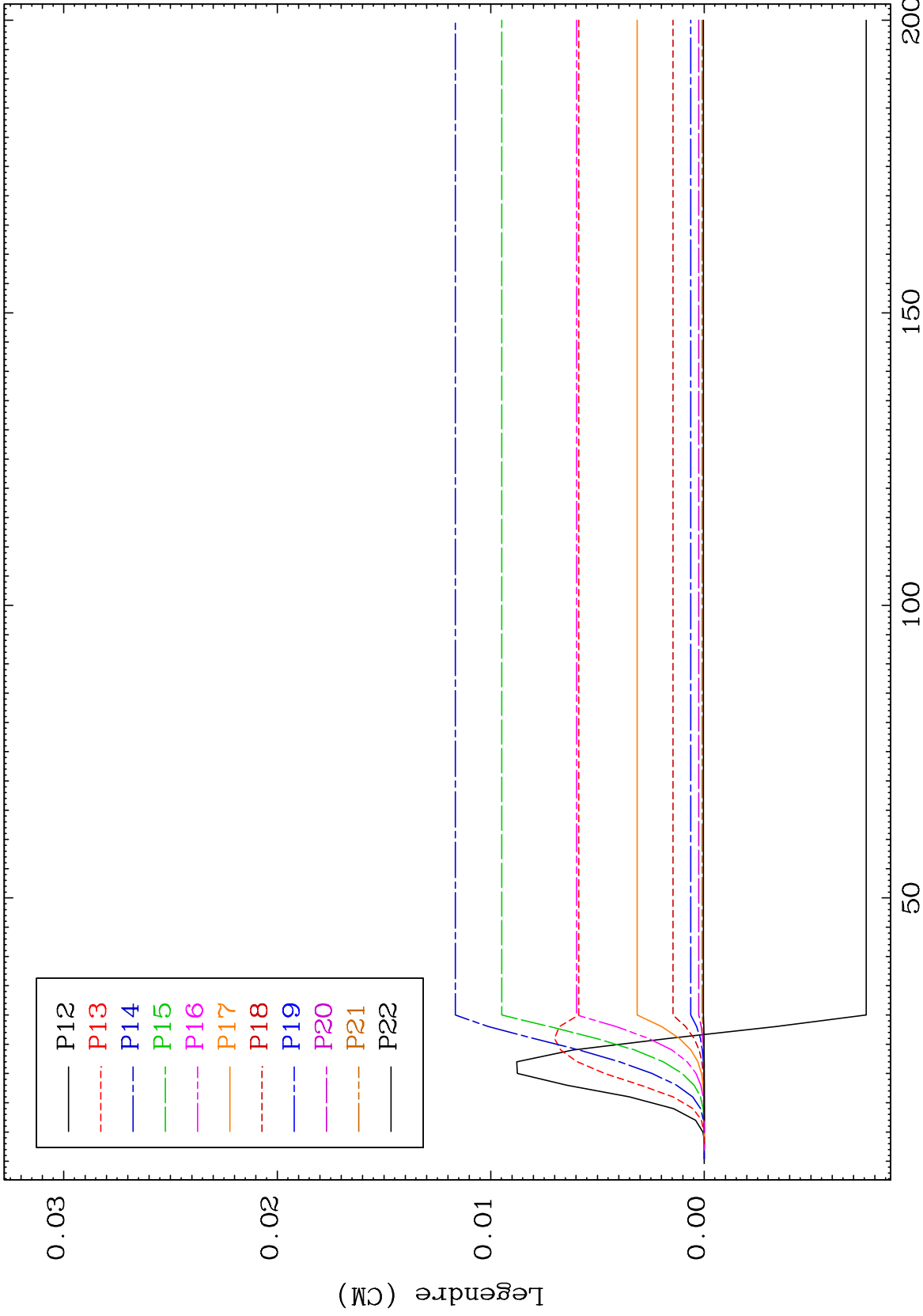


67 Incident Energy (MeV) 26-Fe-61

MAT 2646

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

²⁶Fe-61



68

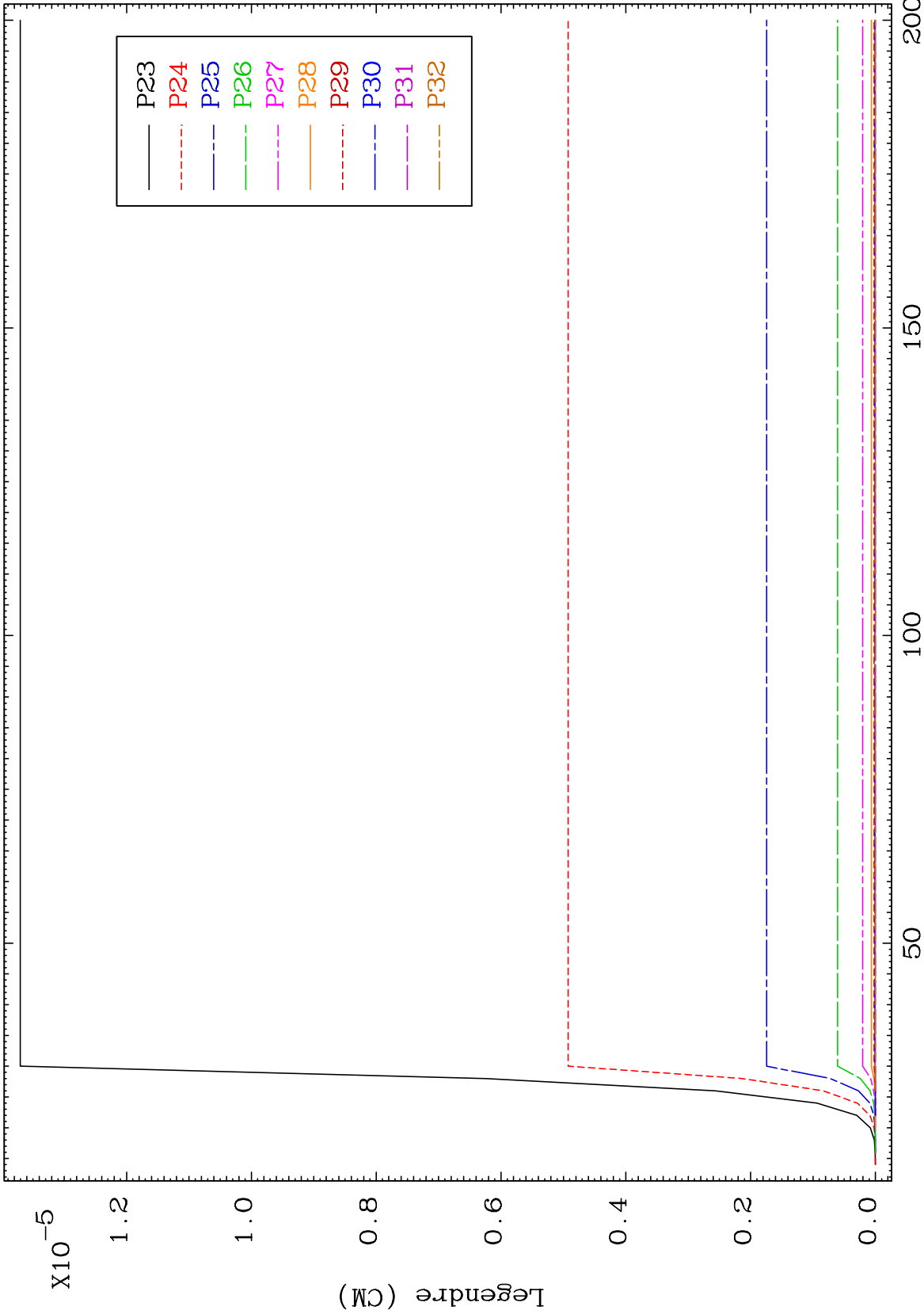
Incident Energy (MeV)

²⁶Fe-61

MAT 2646

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

26-Fe-61



69

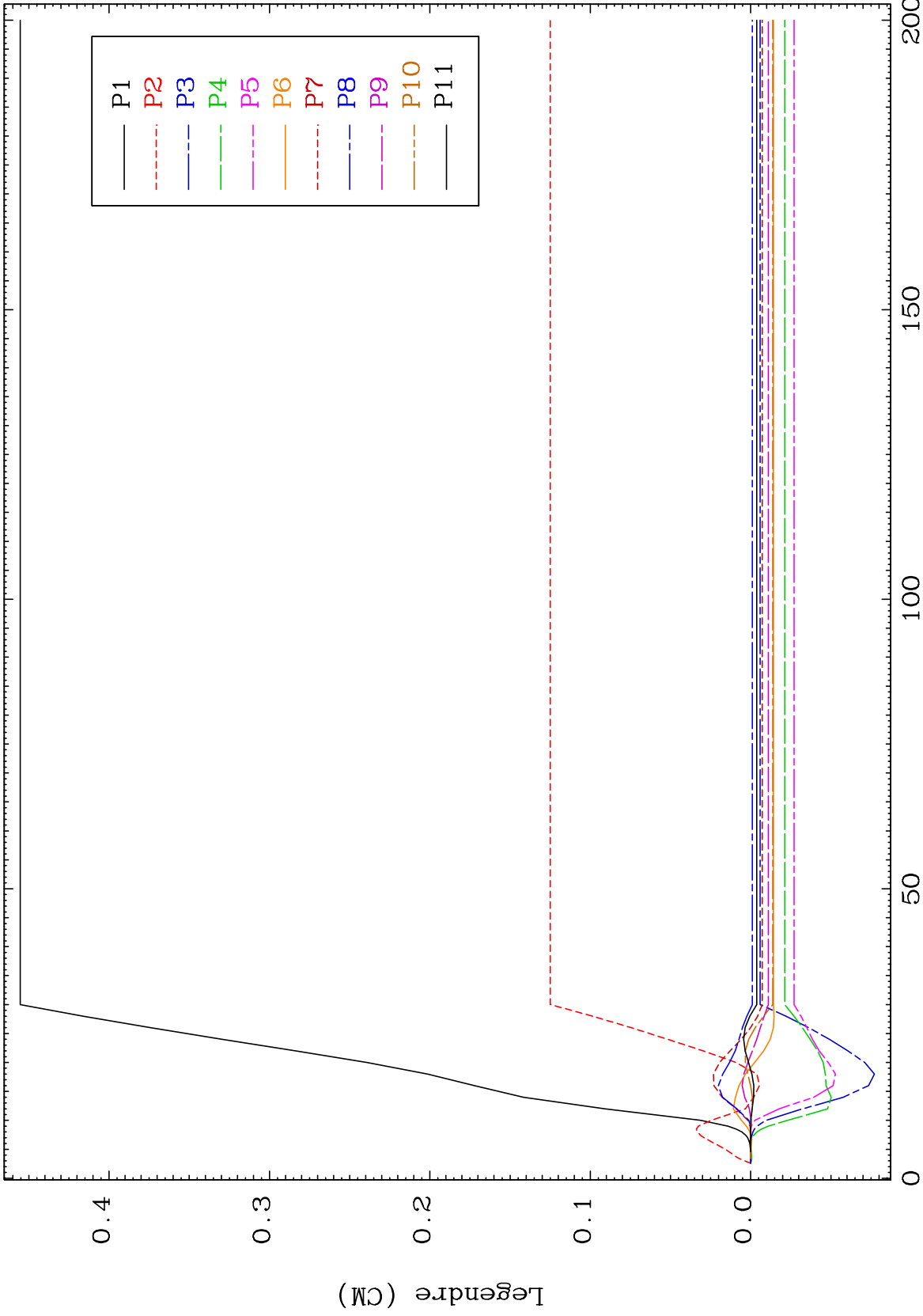
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



70

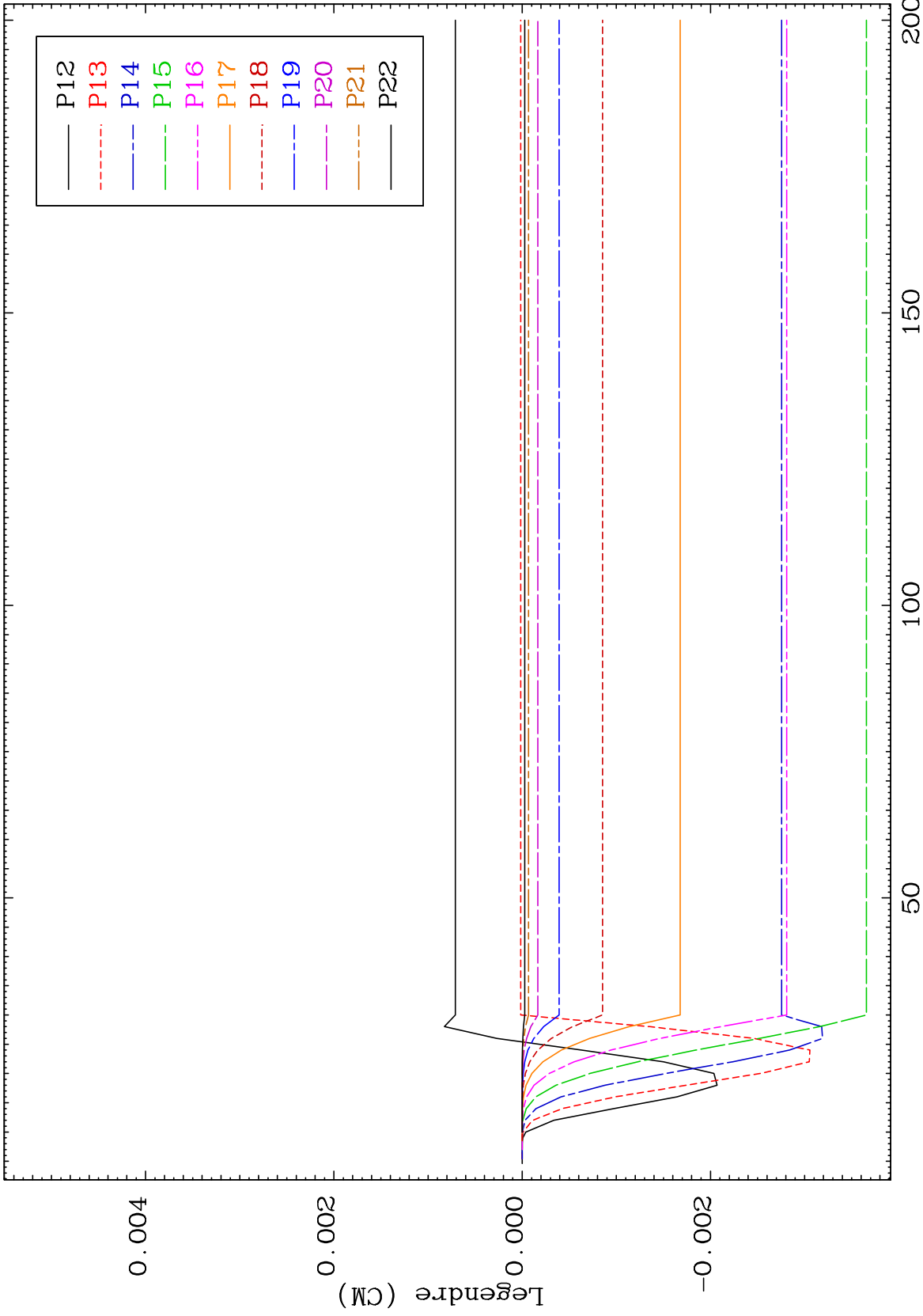
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

²⁶Fe-61



71

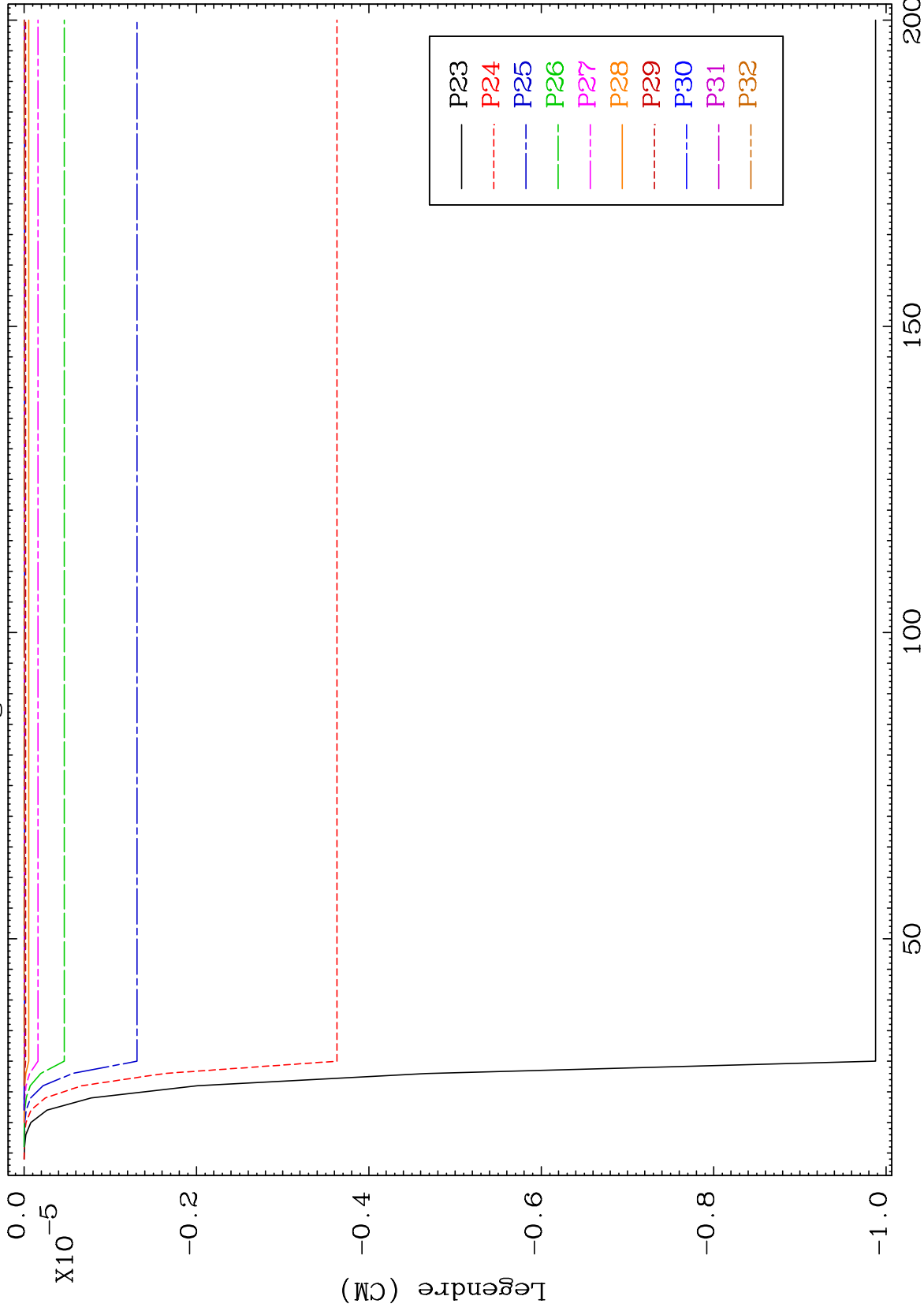
Incident Energy (MeV)

²⁶Fe-61

MAT 2646

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

26-Fe-61



26-Fe-61

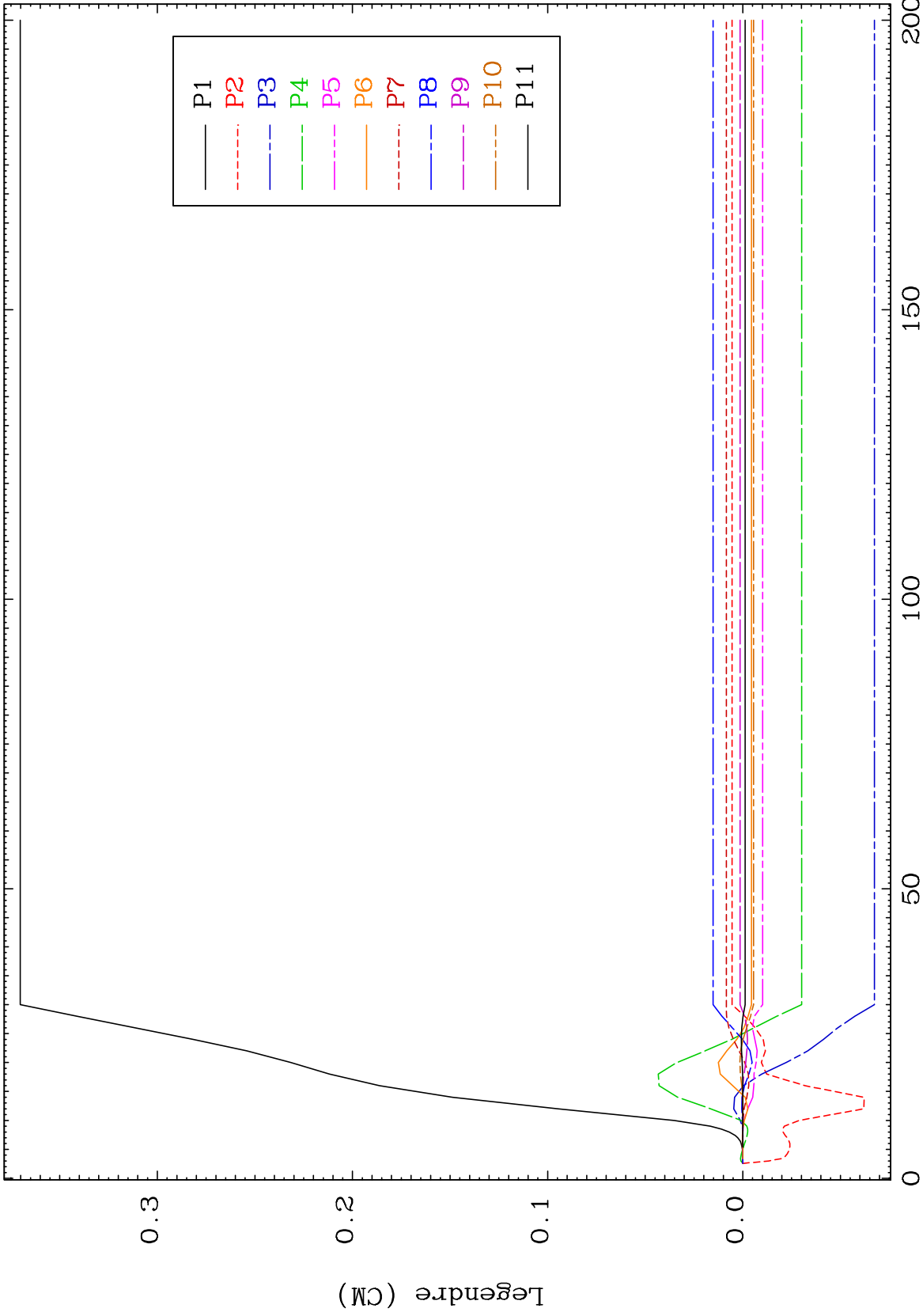
Incident Energy (MeV)

72

MAT 2646

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

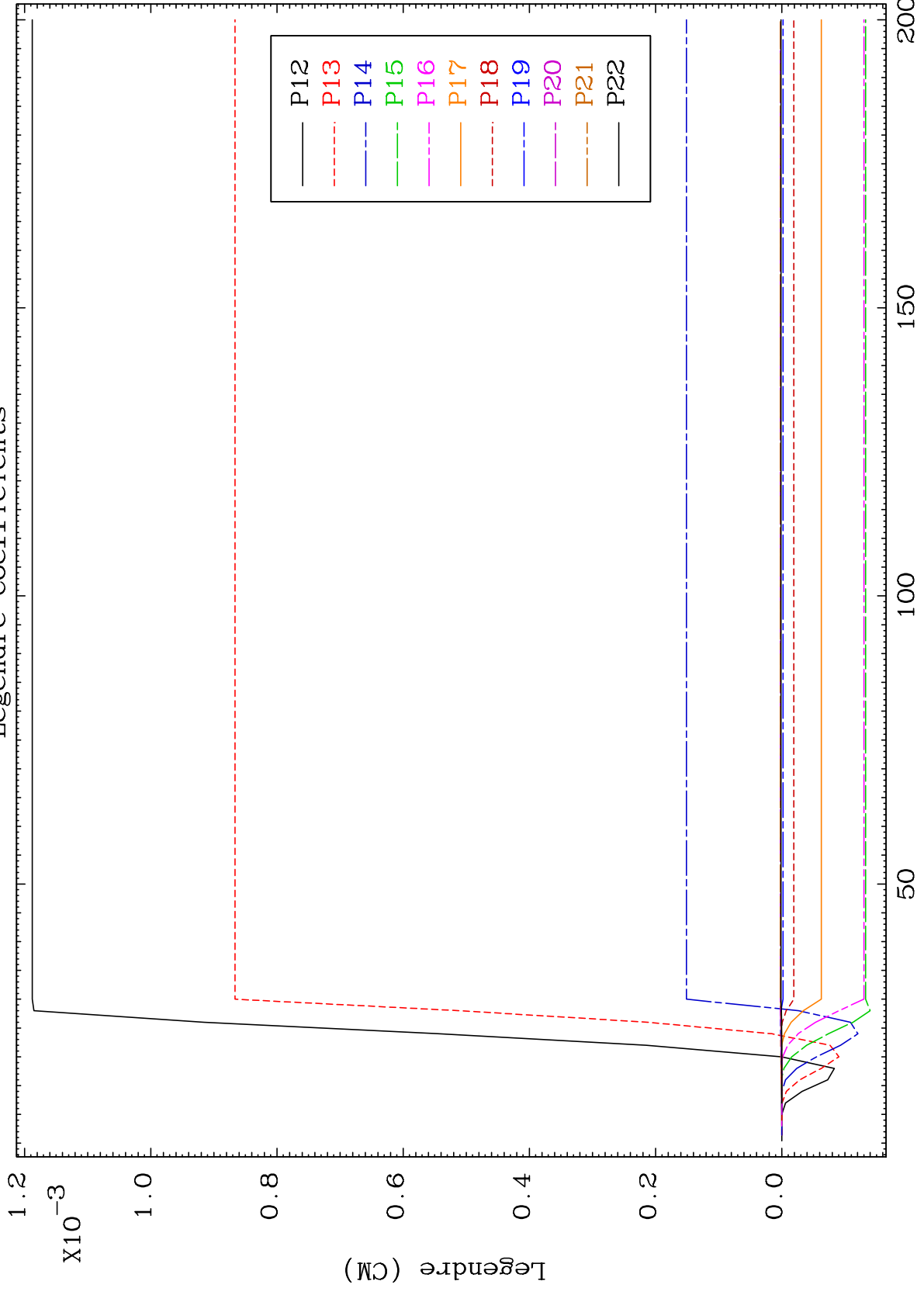
26-Fe-61



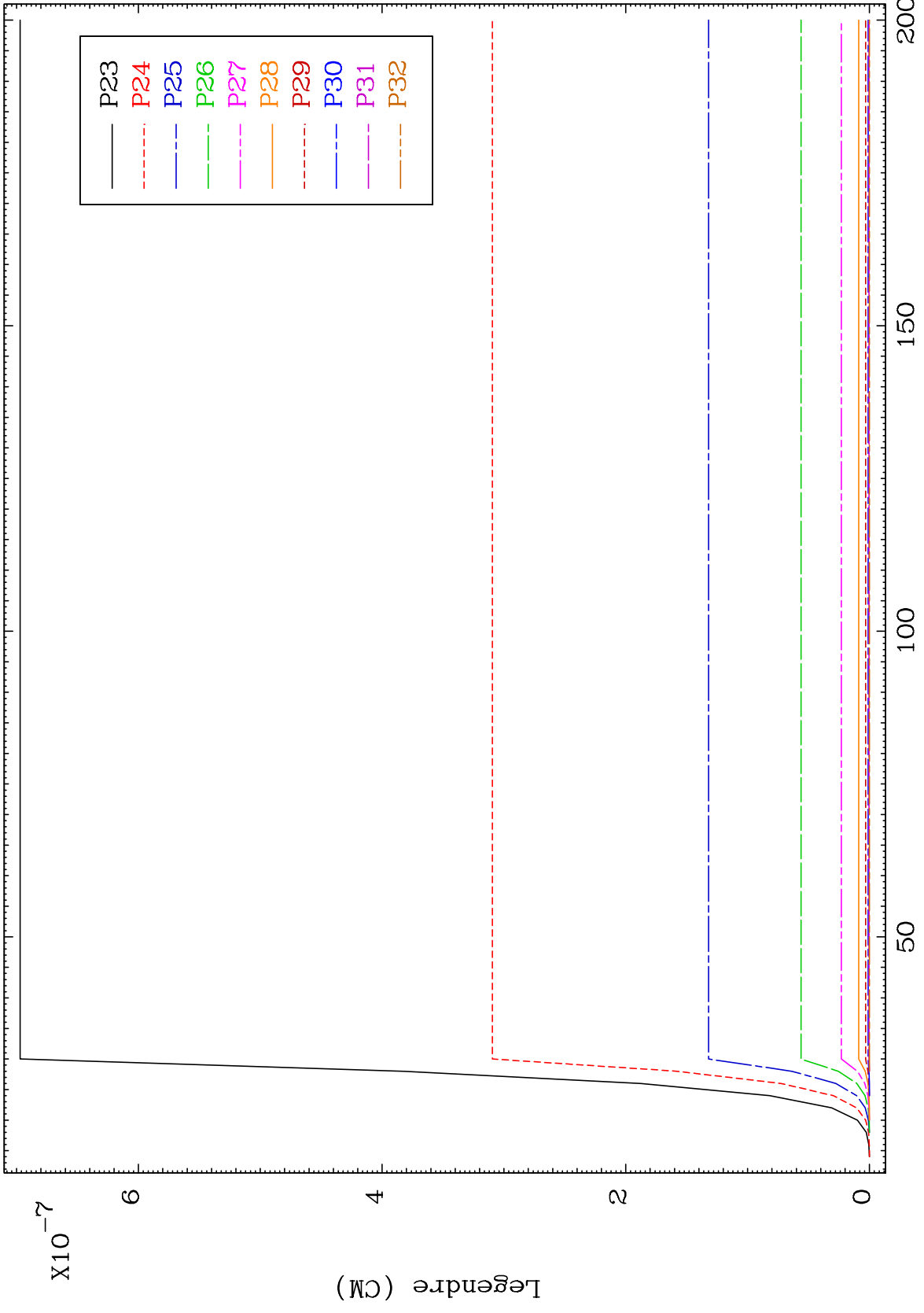
73

Incident Energy (MeV)

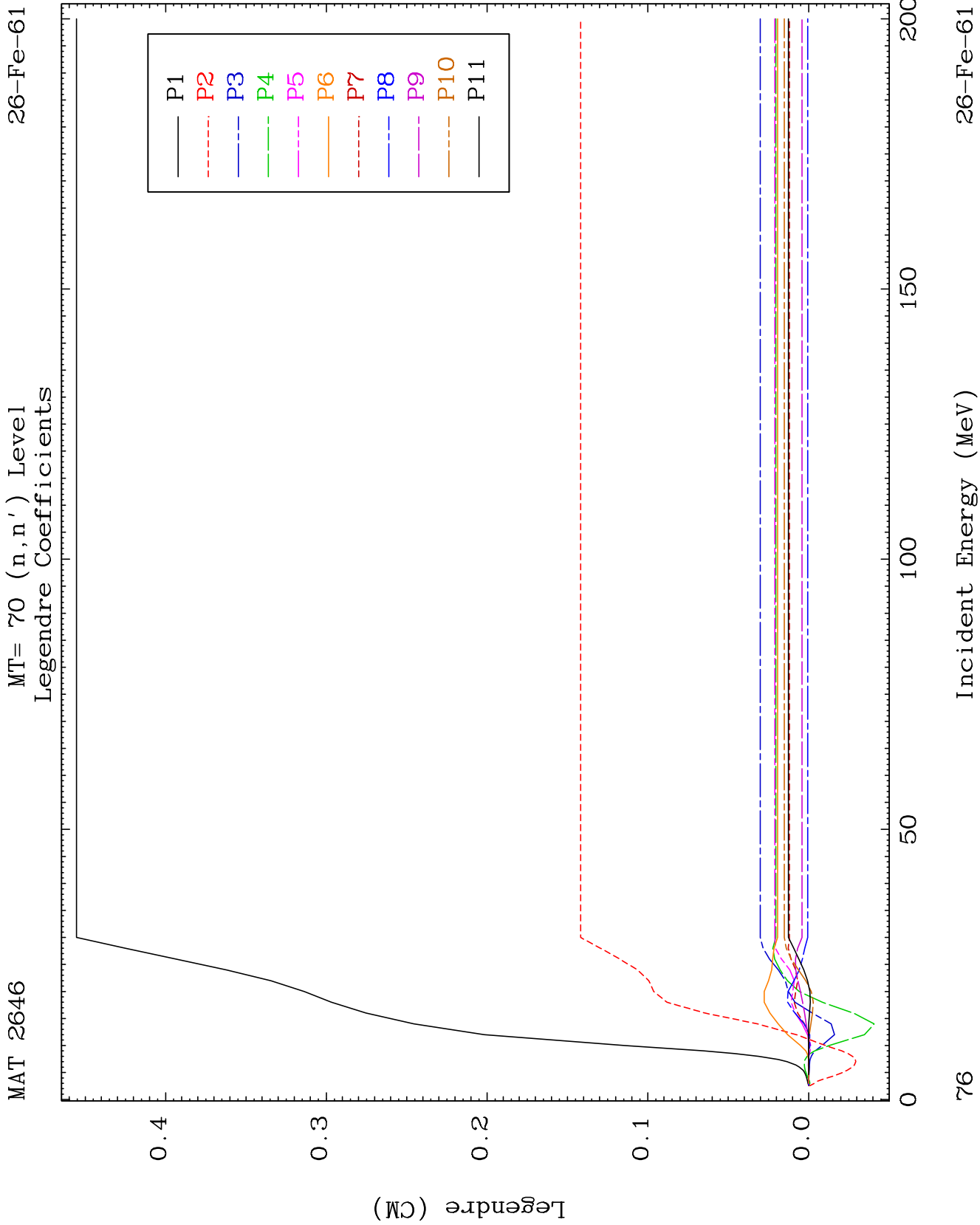
26-Fe-61



MAT 2646 MT= 69 (n,n') Level Legendre Coefficients 26-Fe-61



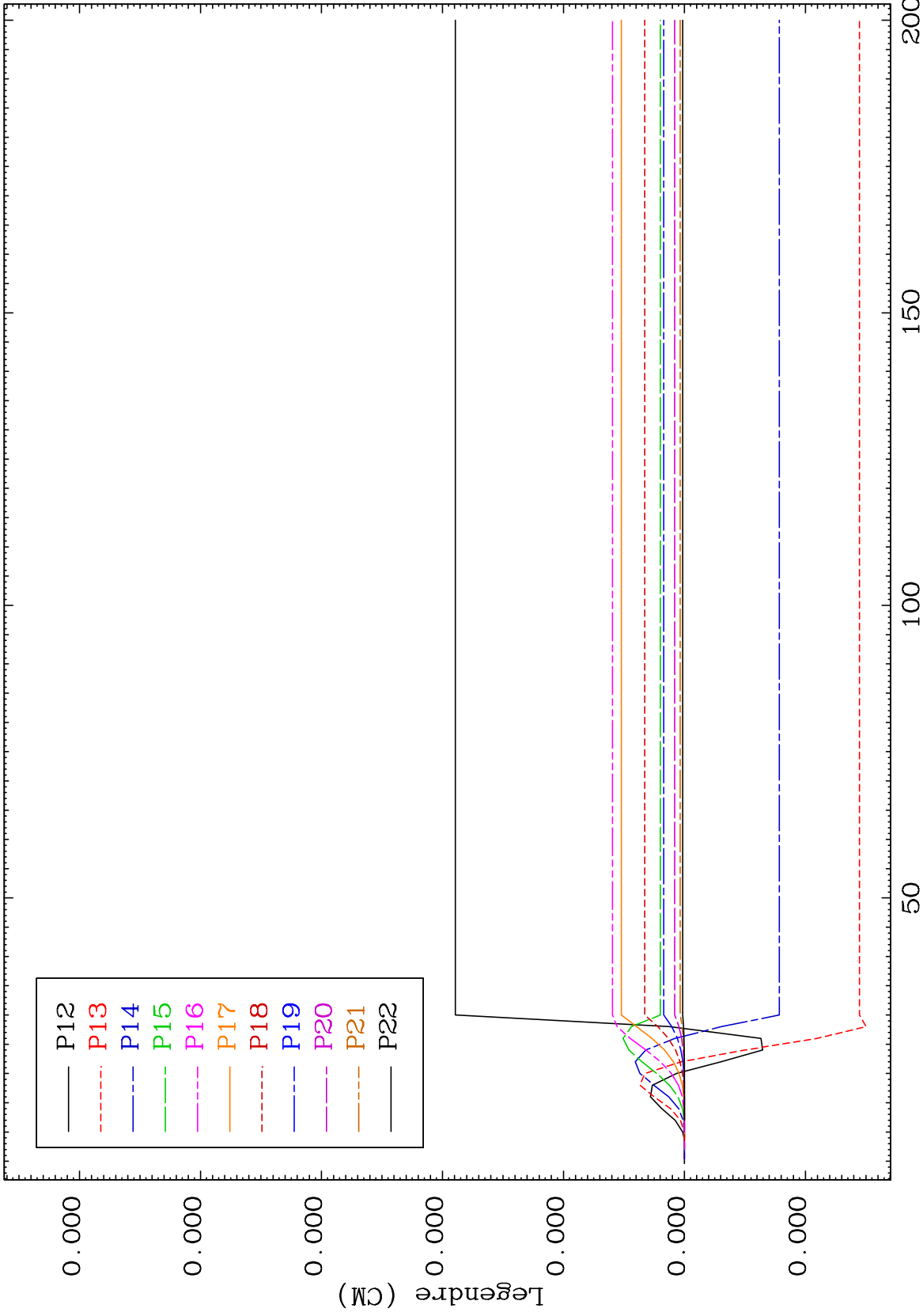
75 50 100 150 200 26-Fe-61



MAT 2646

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

²⁶Fe-61



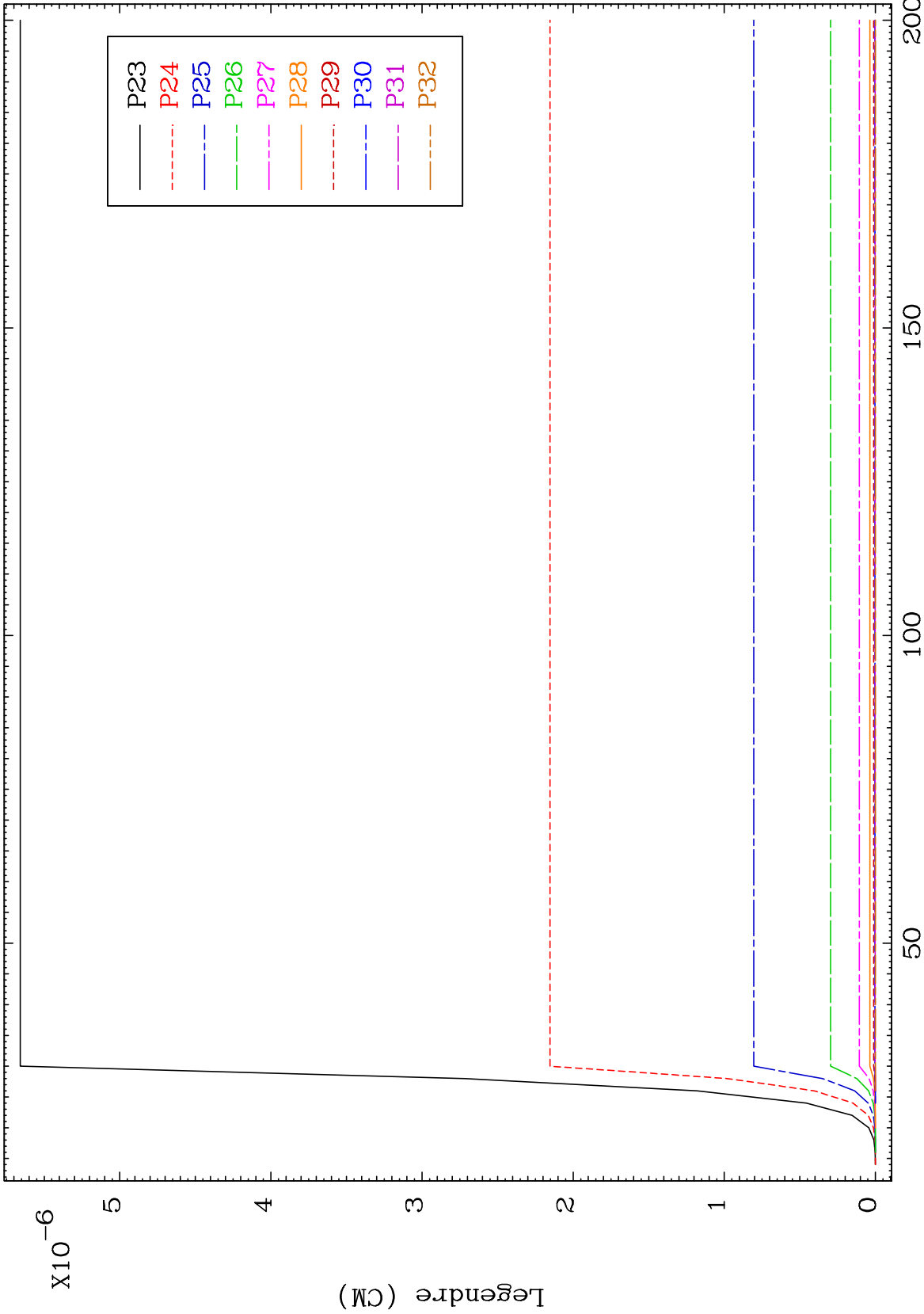
77

²⁶Fe-61

MAT 2646

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

26-Fe-61

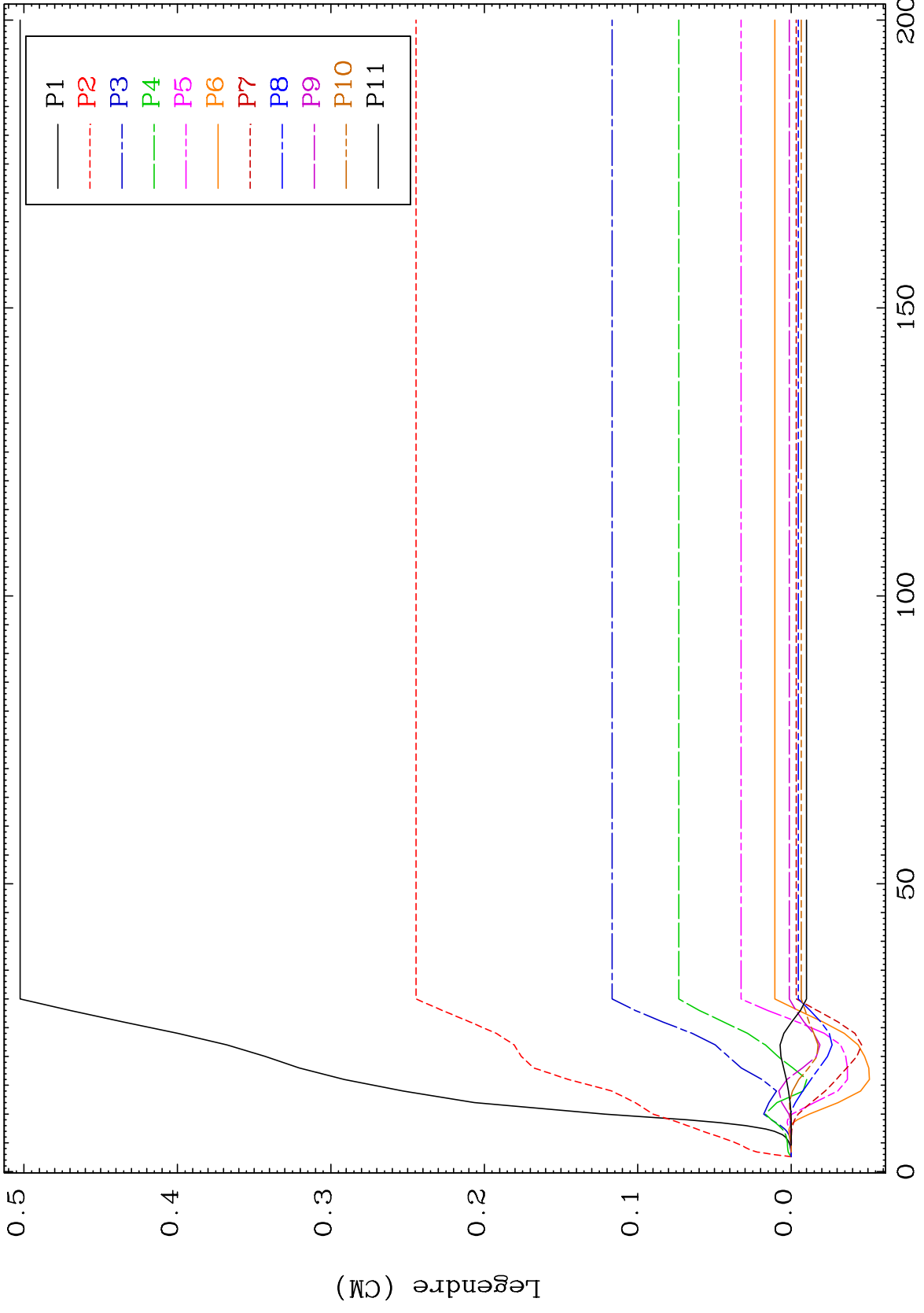


78

Incident Energy (MeV)

26-Fe-61

MAT 2646 MT= 71 (n,n') Level Legendre Coefficients 26-Fe-61

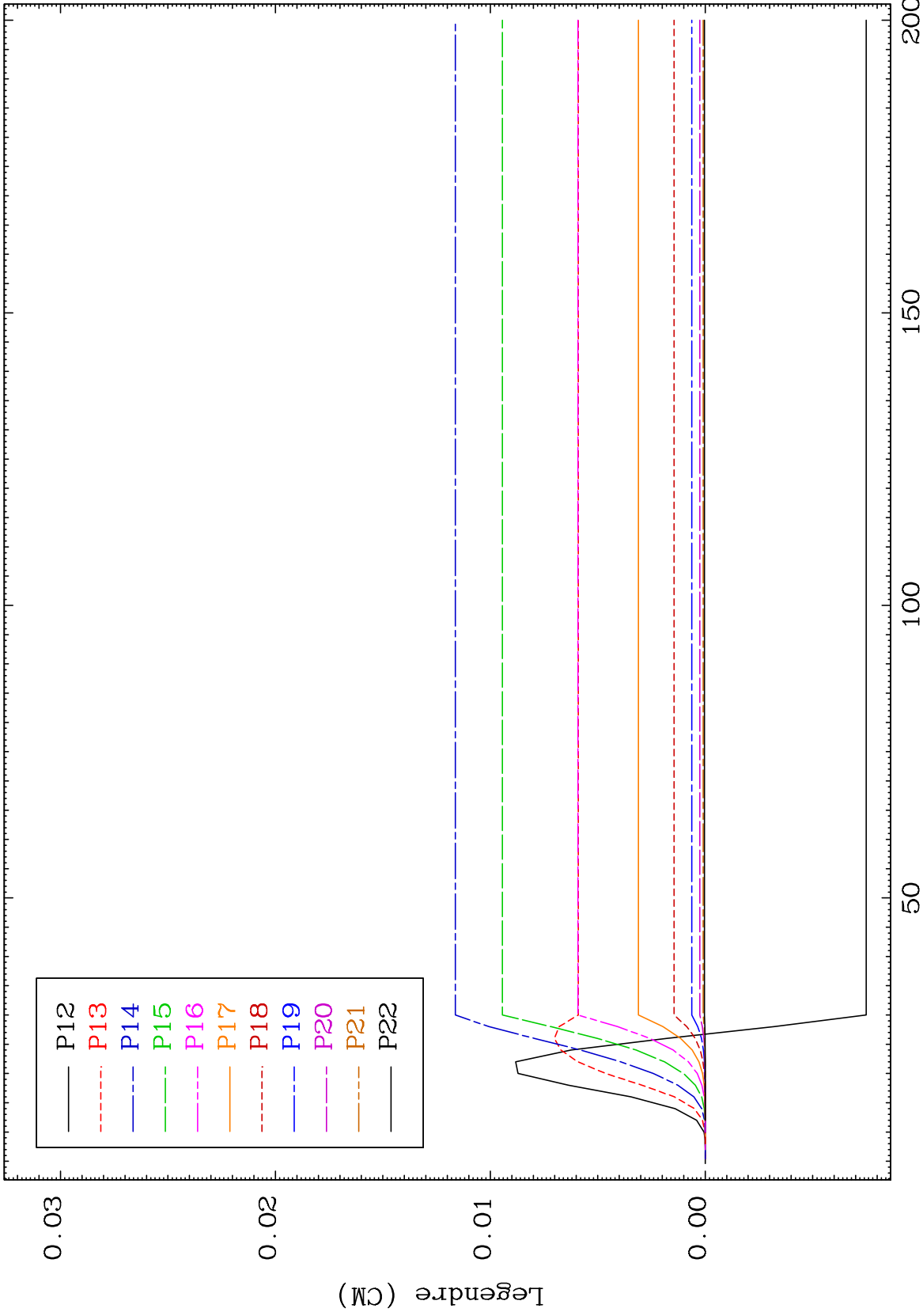


79 Incident Energy (MeV) 26-Fe-61

MAT 2646

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

26-Fe-61



80

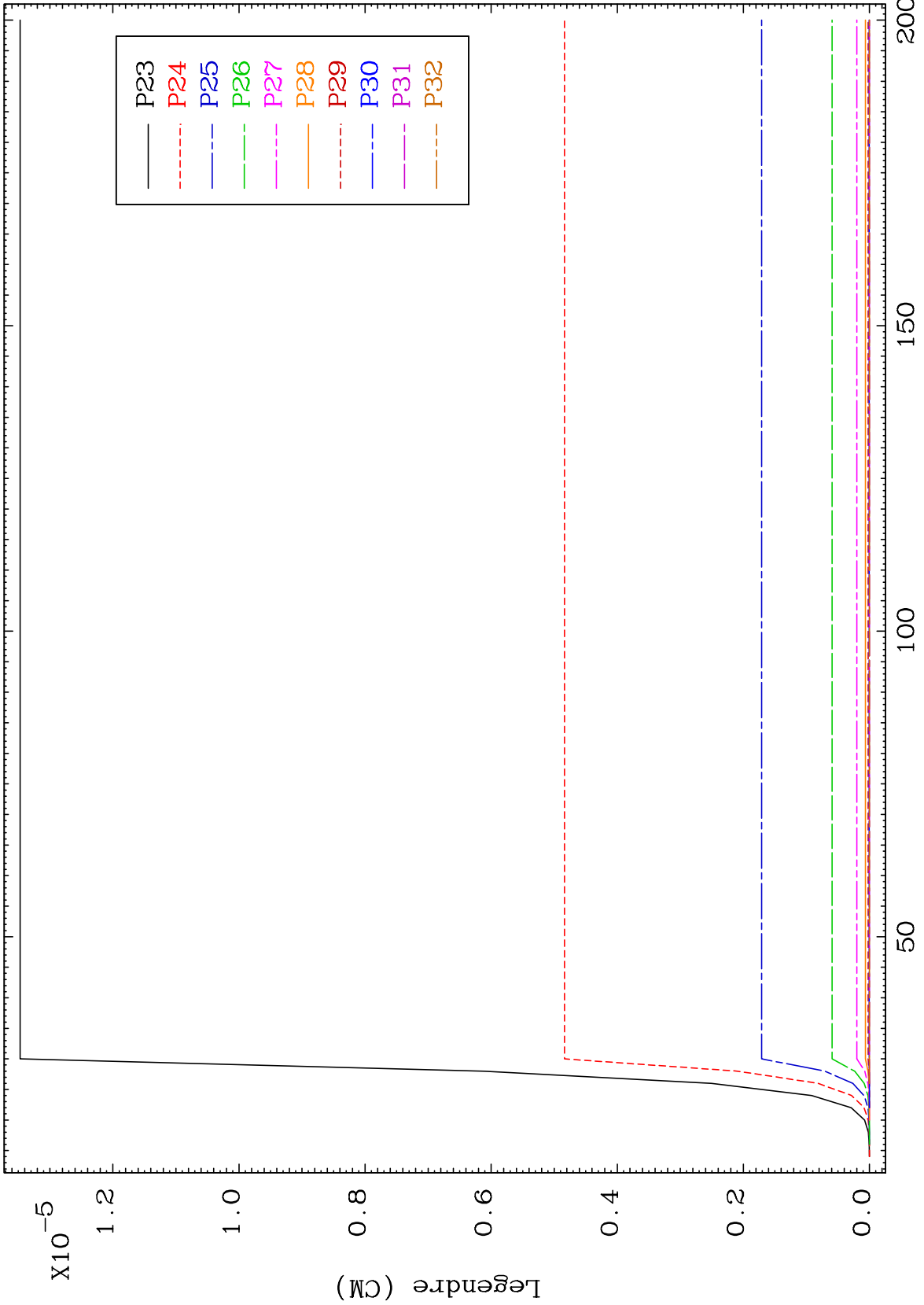
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



81

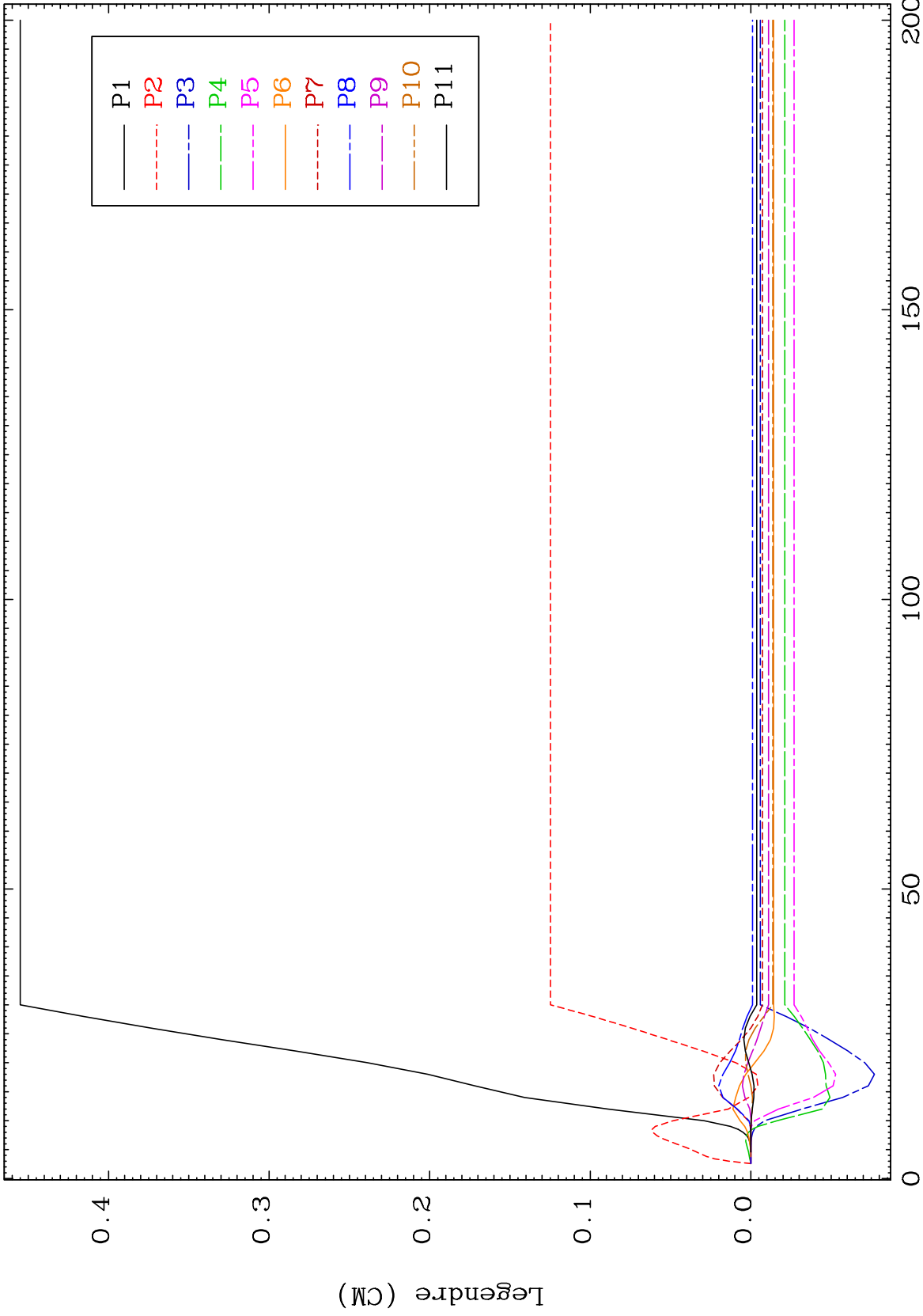
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



82

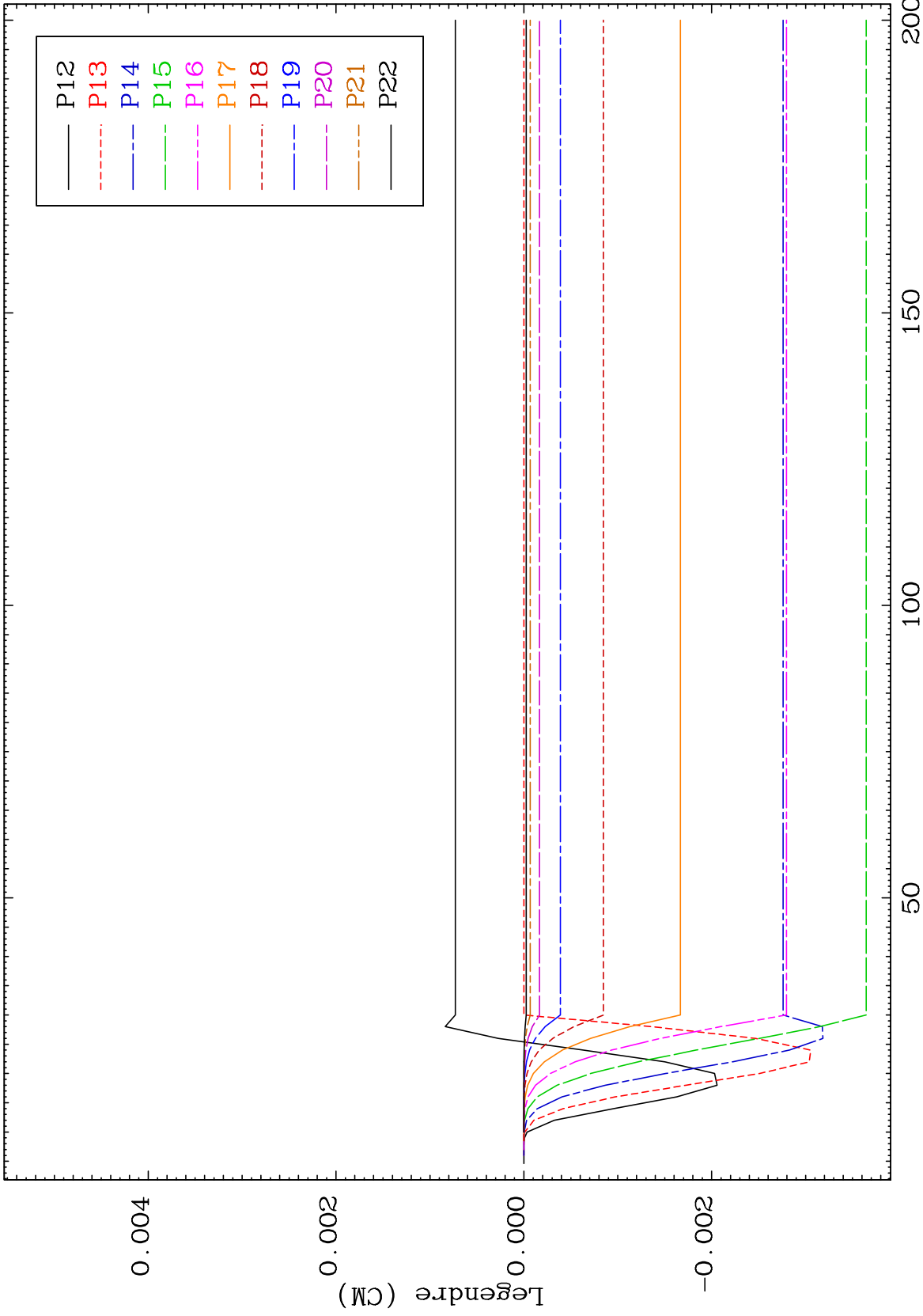
Incident Energy (MeV)

26-Fe-61

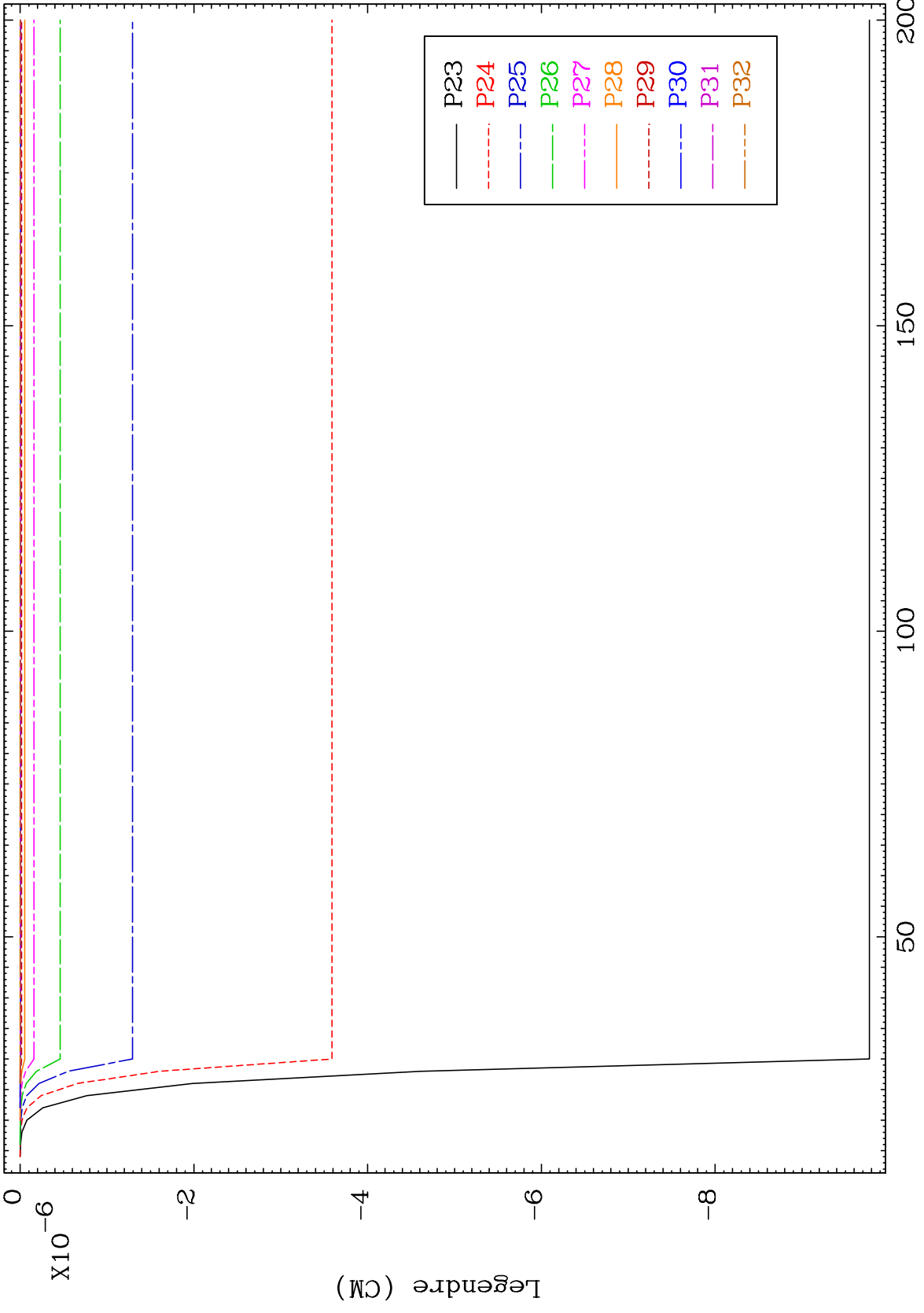
MAT 2646

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

²⁶Fe-61



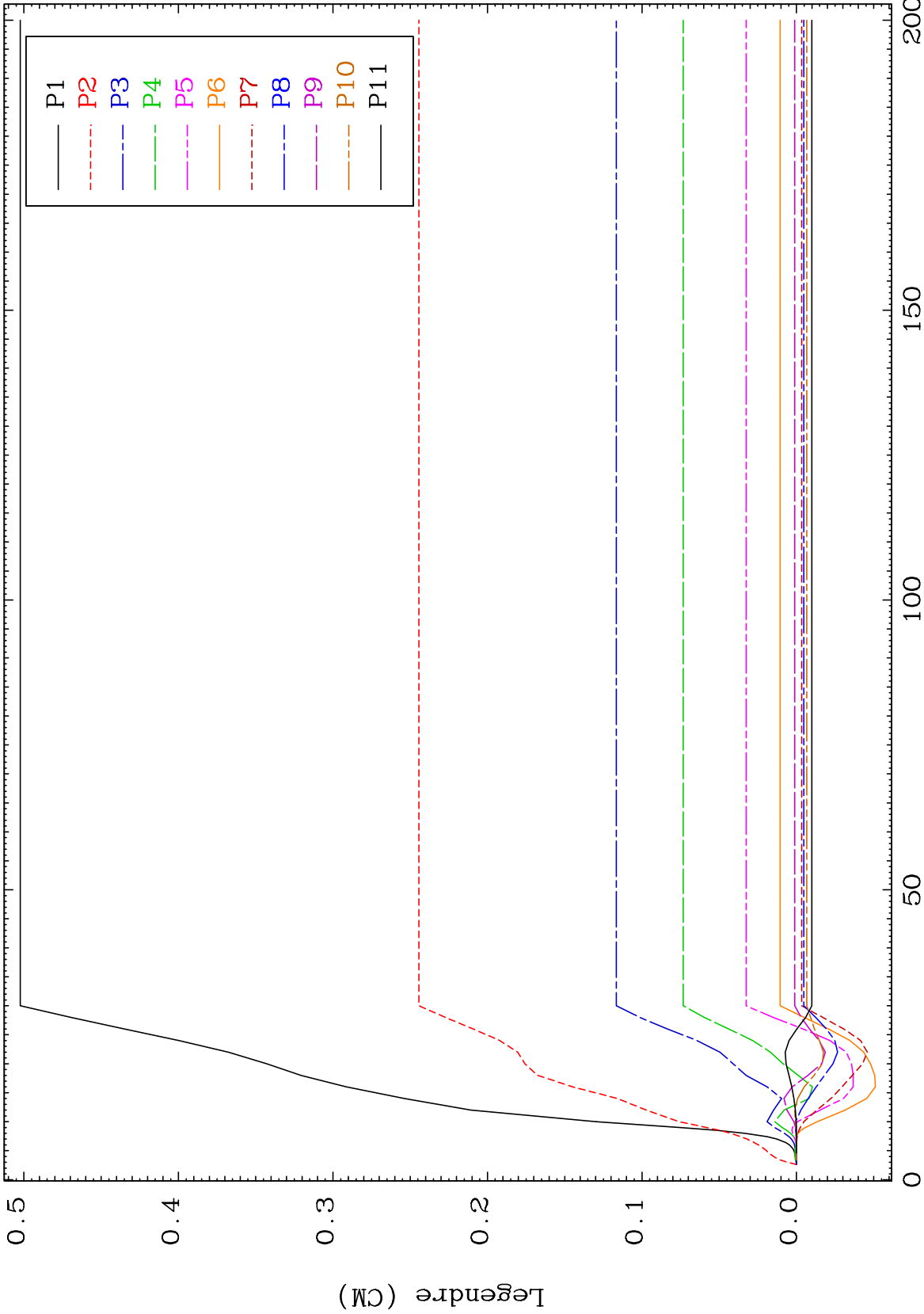
MAT 2646 MT= 72 (n,n') Level Legendre Coefficients 26-Fe-61



MAT 2646

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

26-Fe-61



85

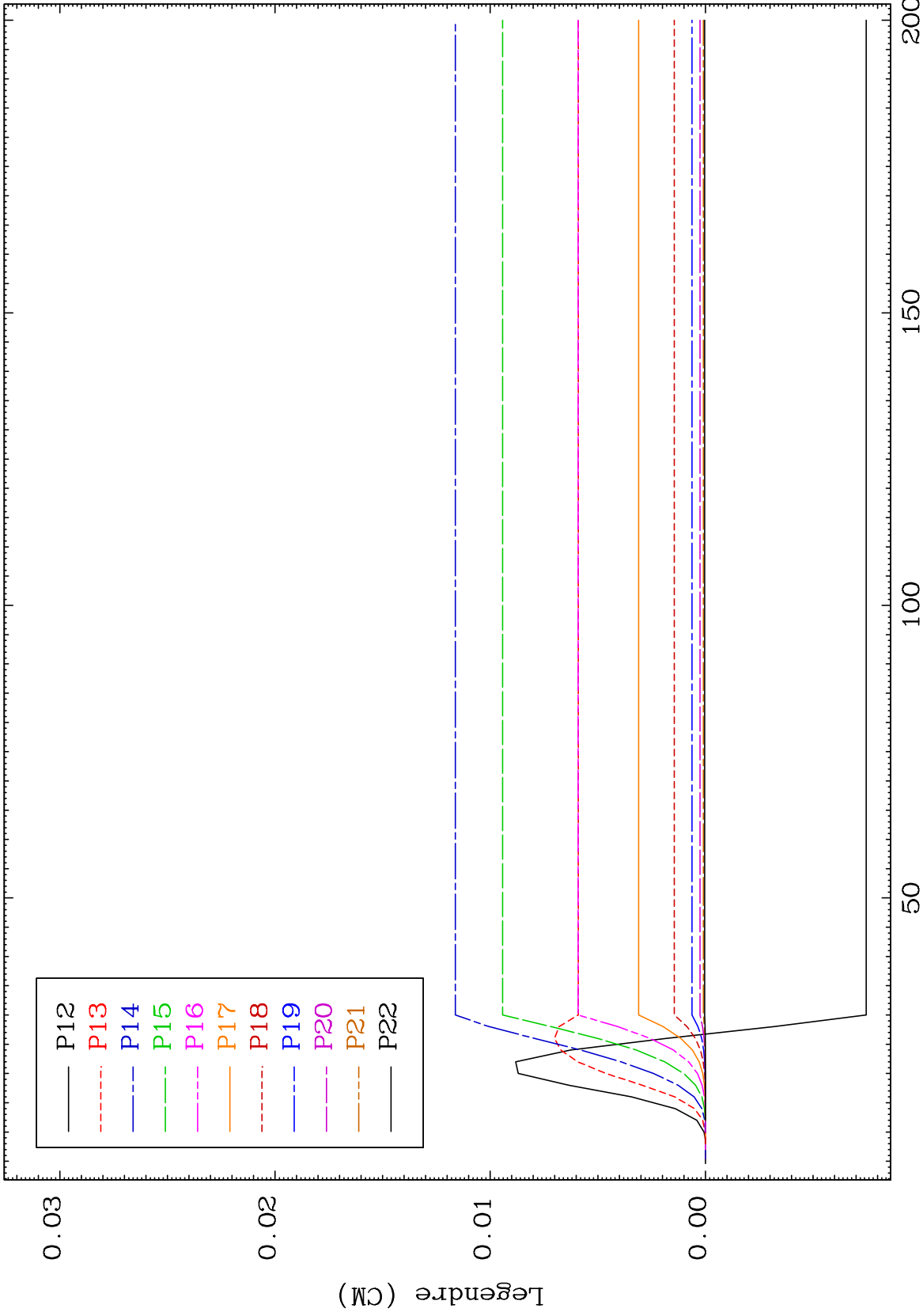
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



86

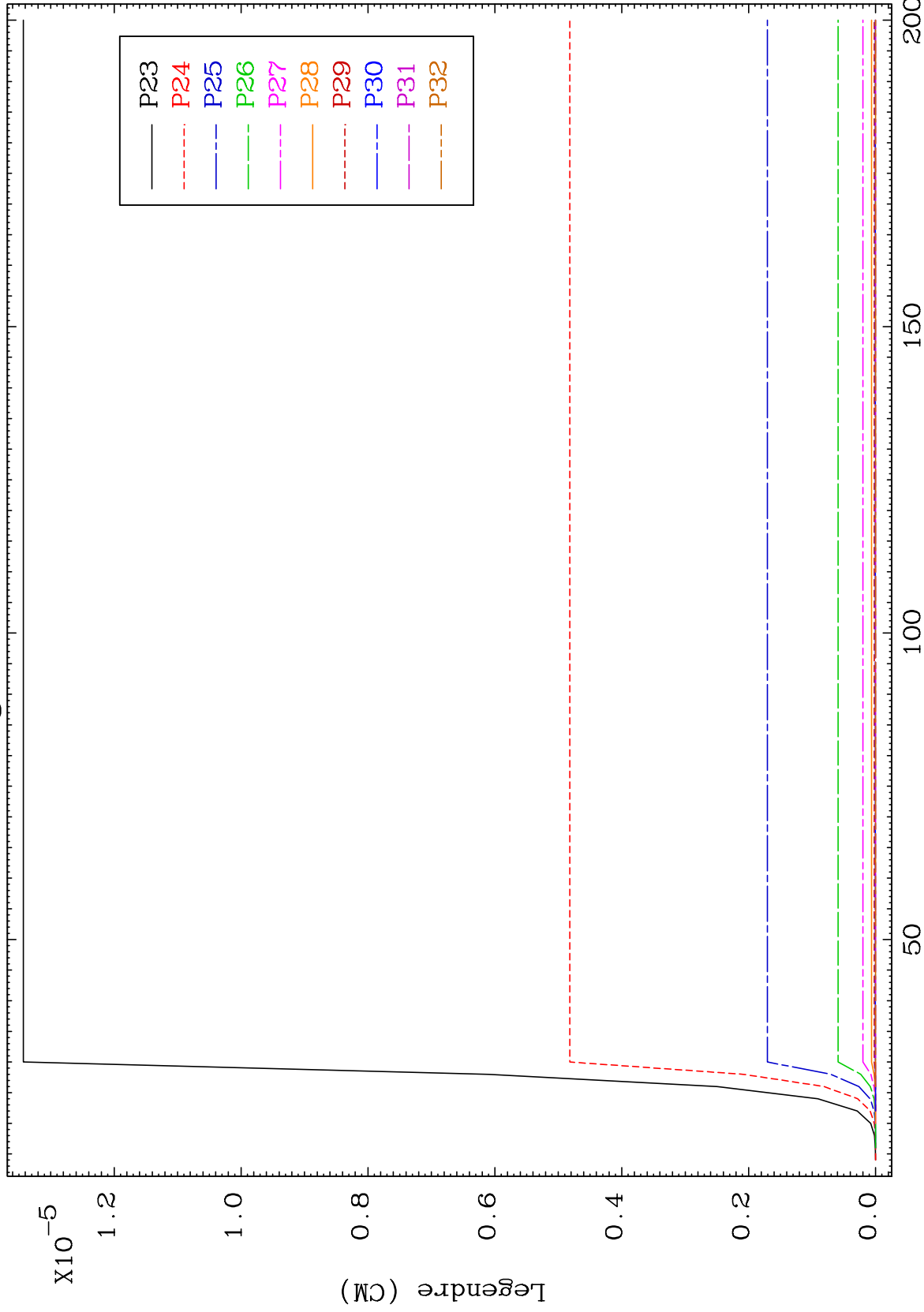
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



87

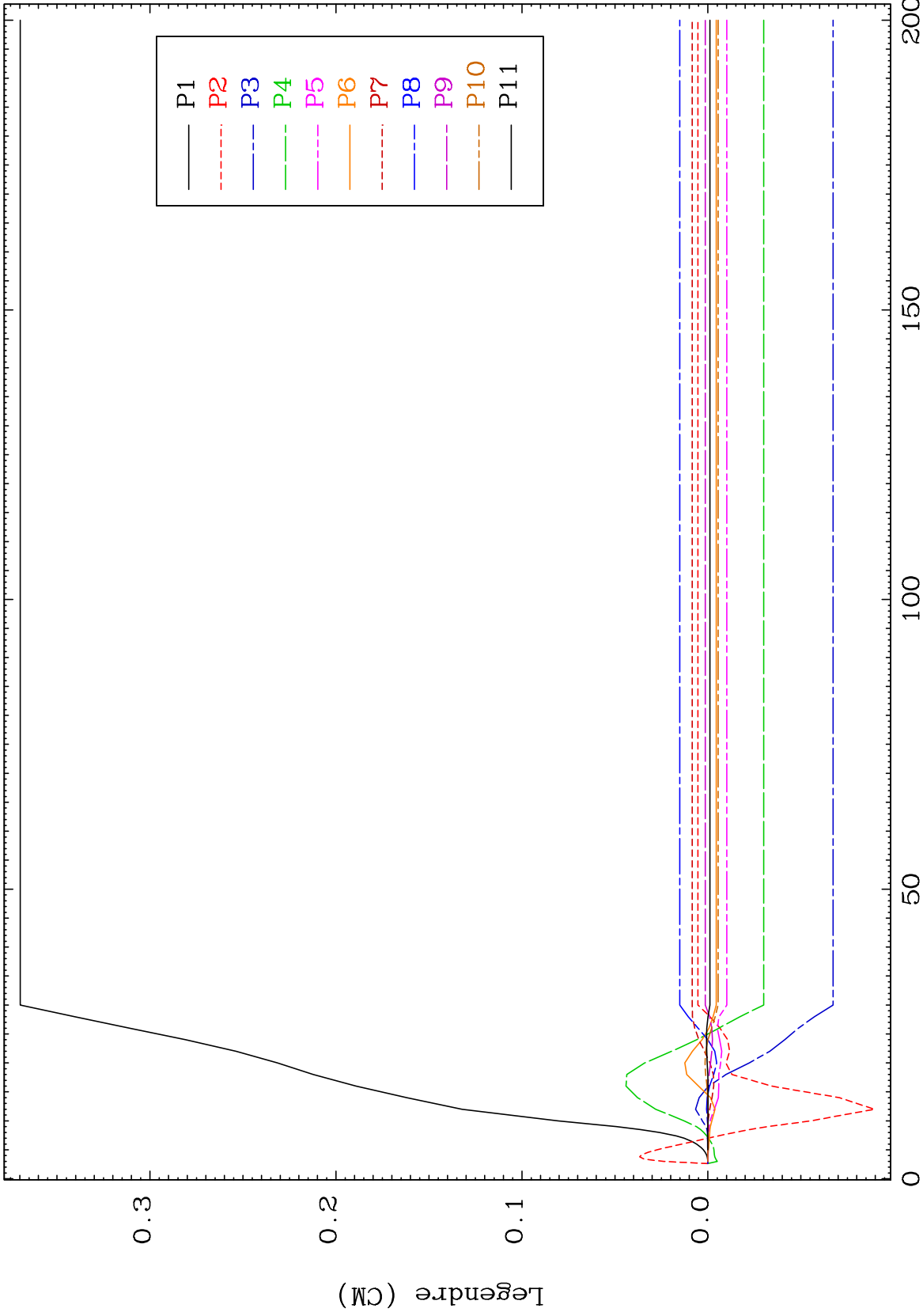
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

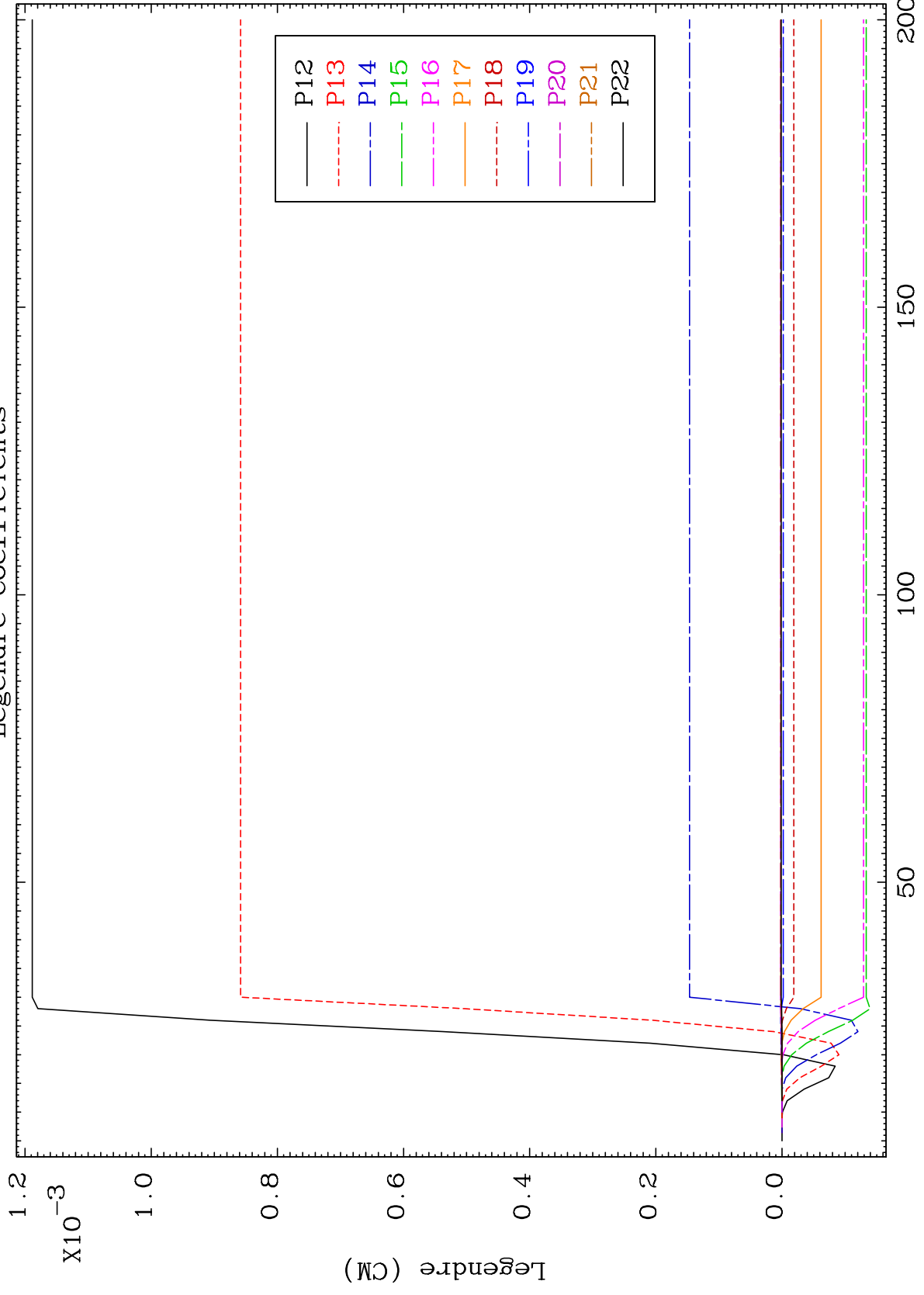
26-Fe-61



88

Incident Energy (MeV)

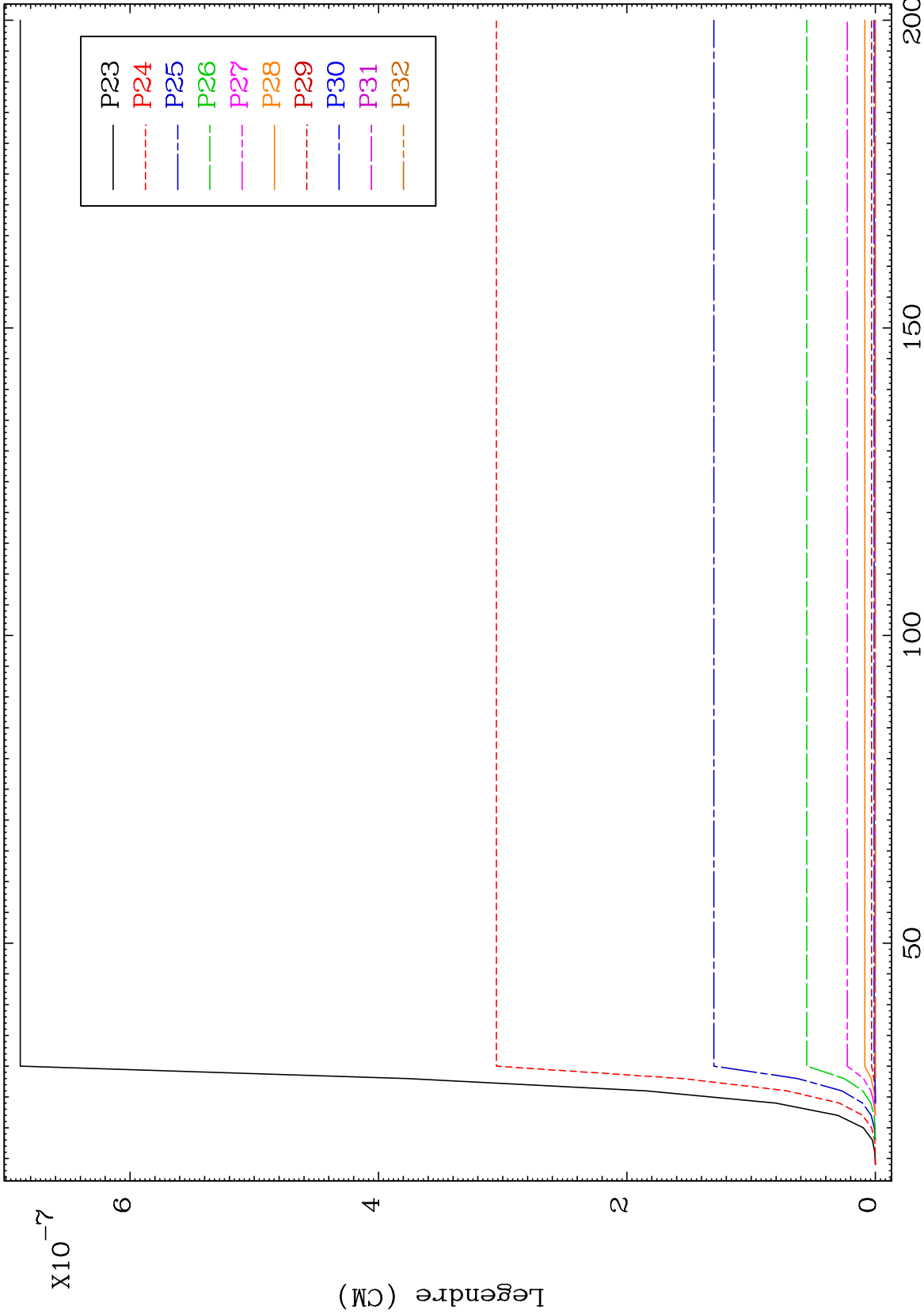
26-Fe-61



MAT 2646

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

26-Fe-61



90

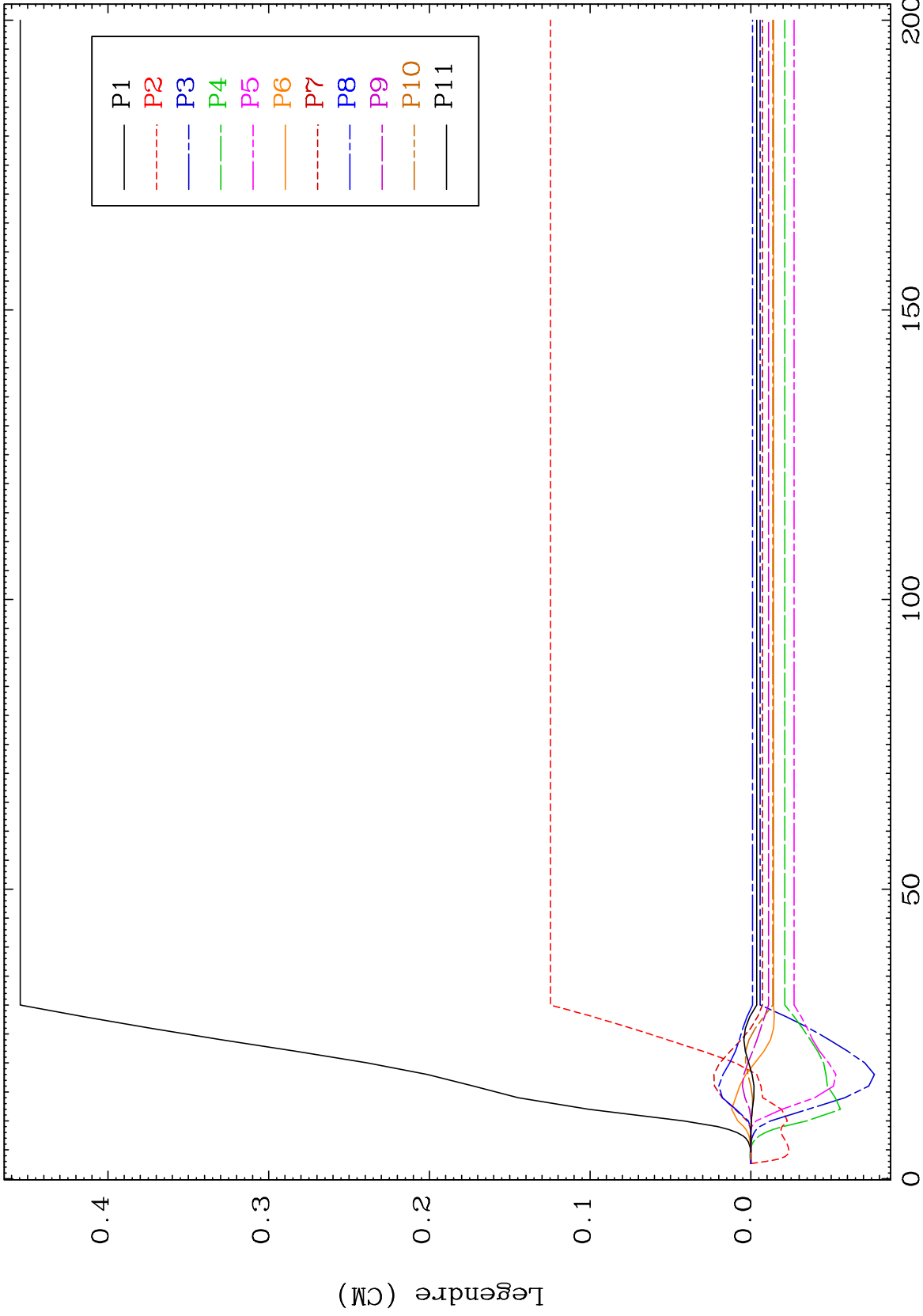
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



91

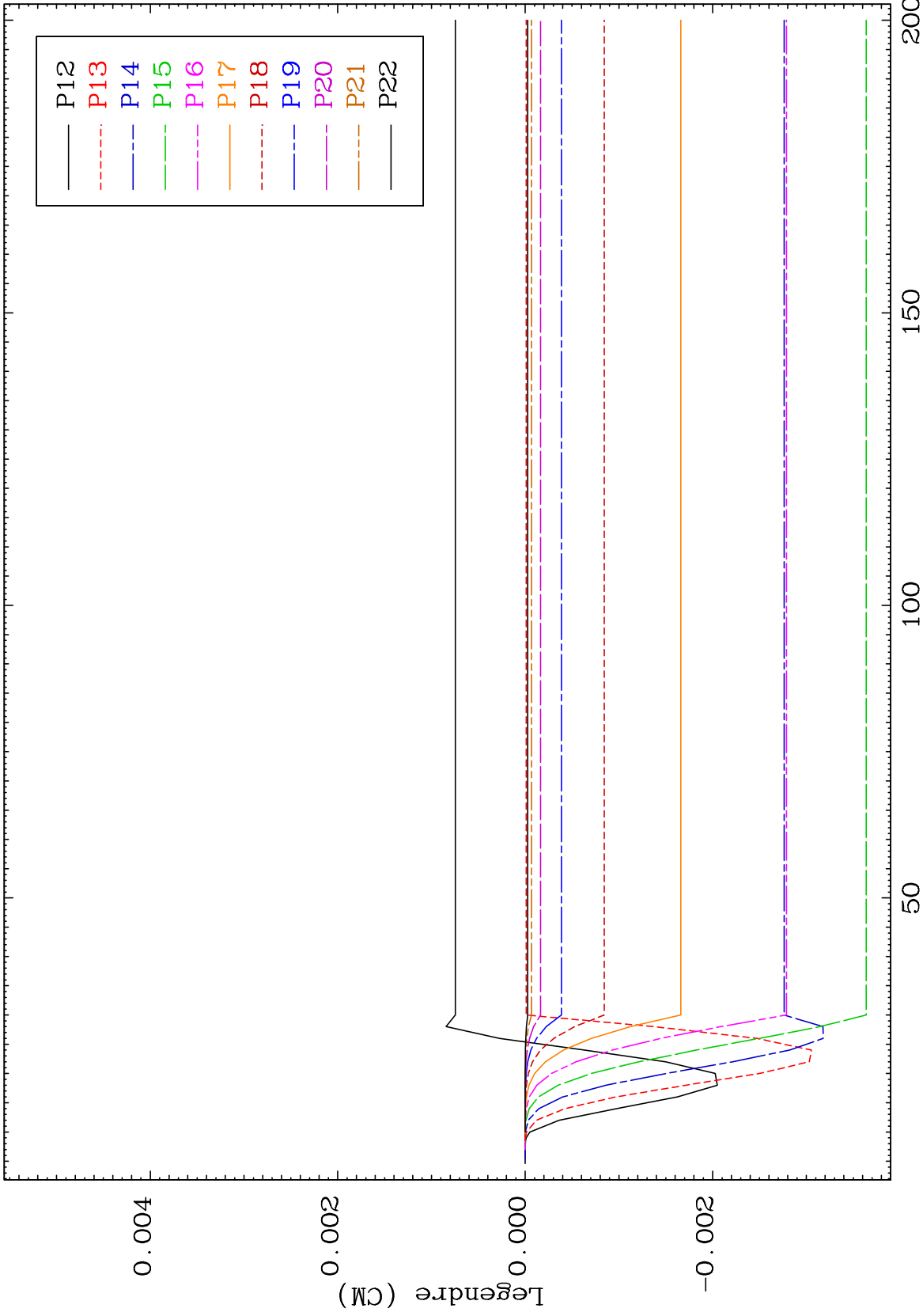
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

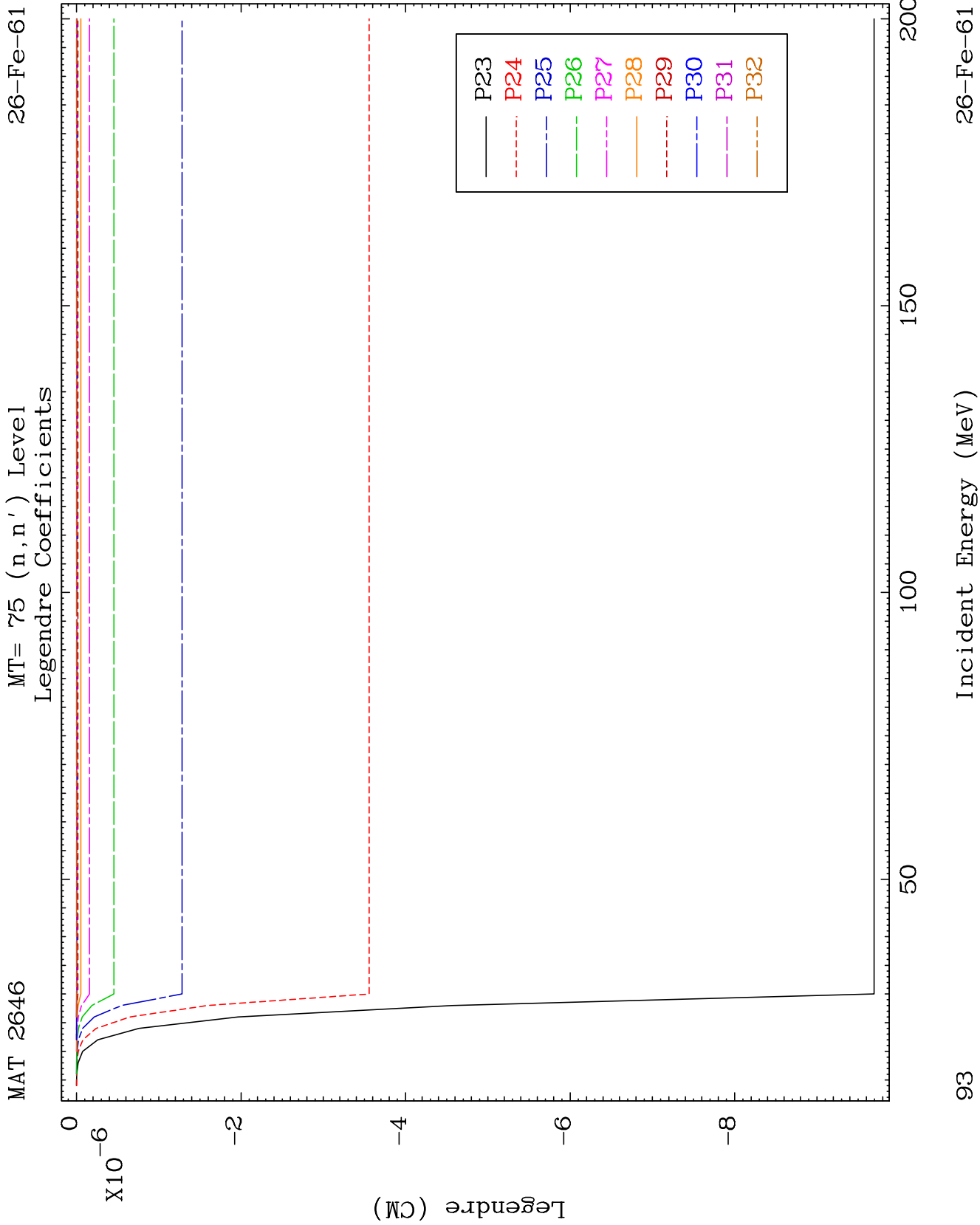
²⁶Fe-61



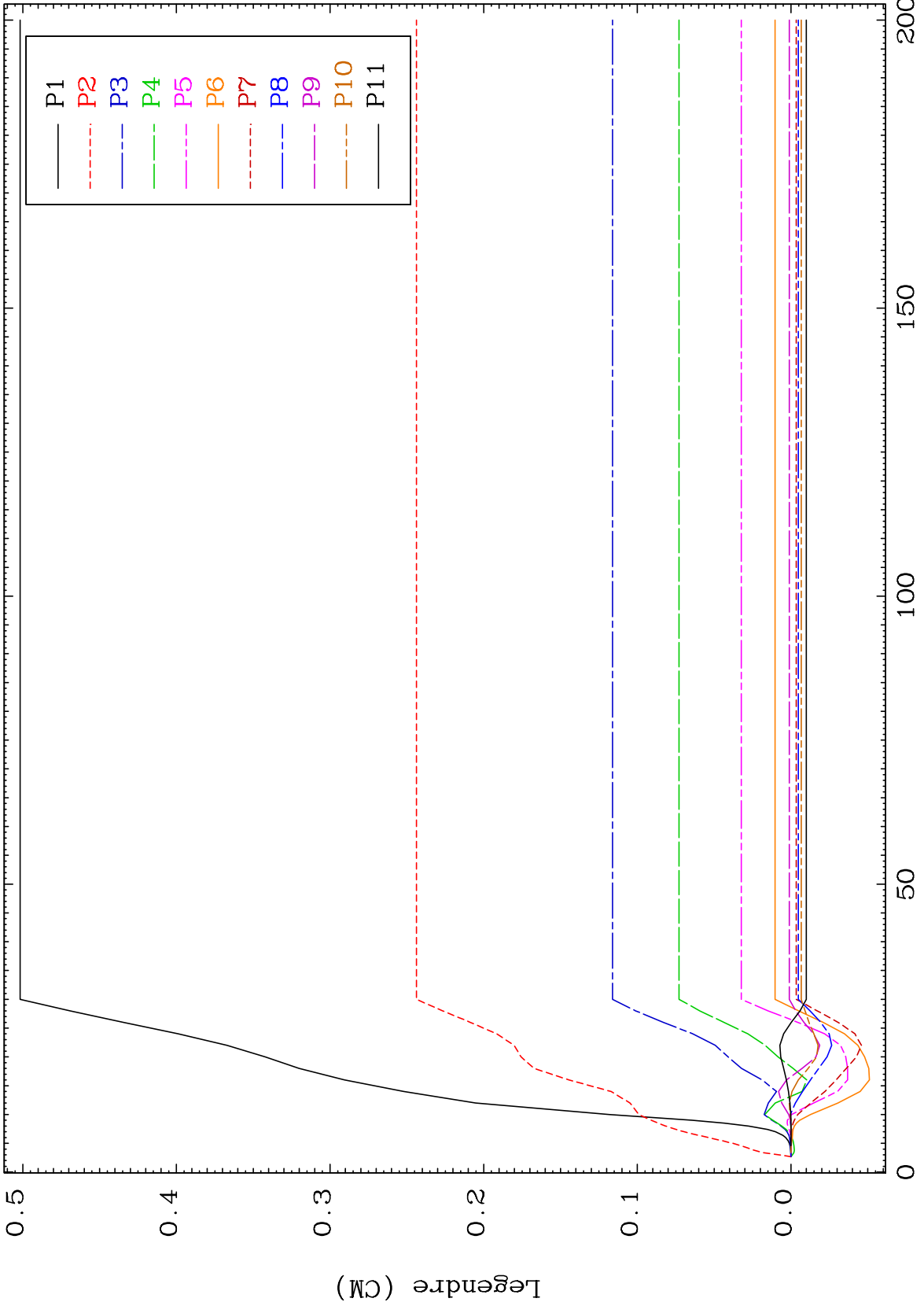
92

Incident Energy (MeV)

²⁶Fe-61



MAT 2646 MT= 76 (n,n') Level Legendre Coefficients 26-Fe-61

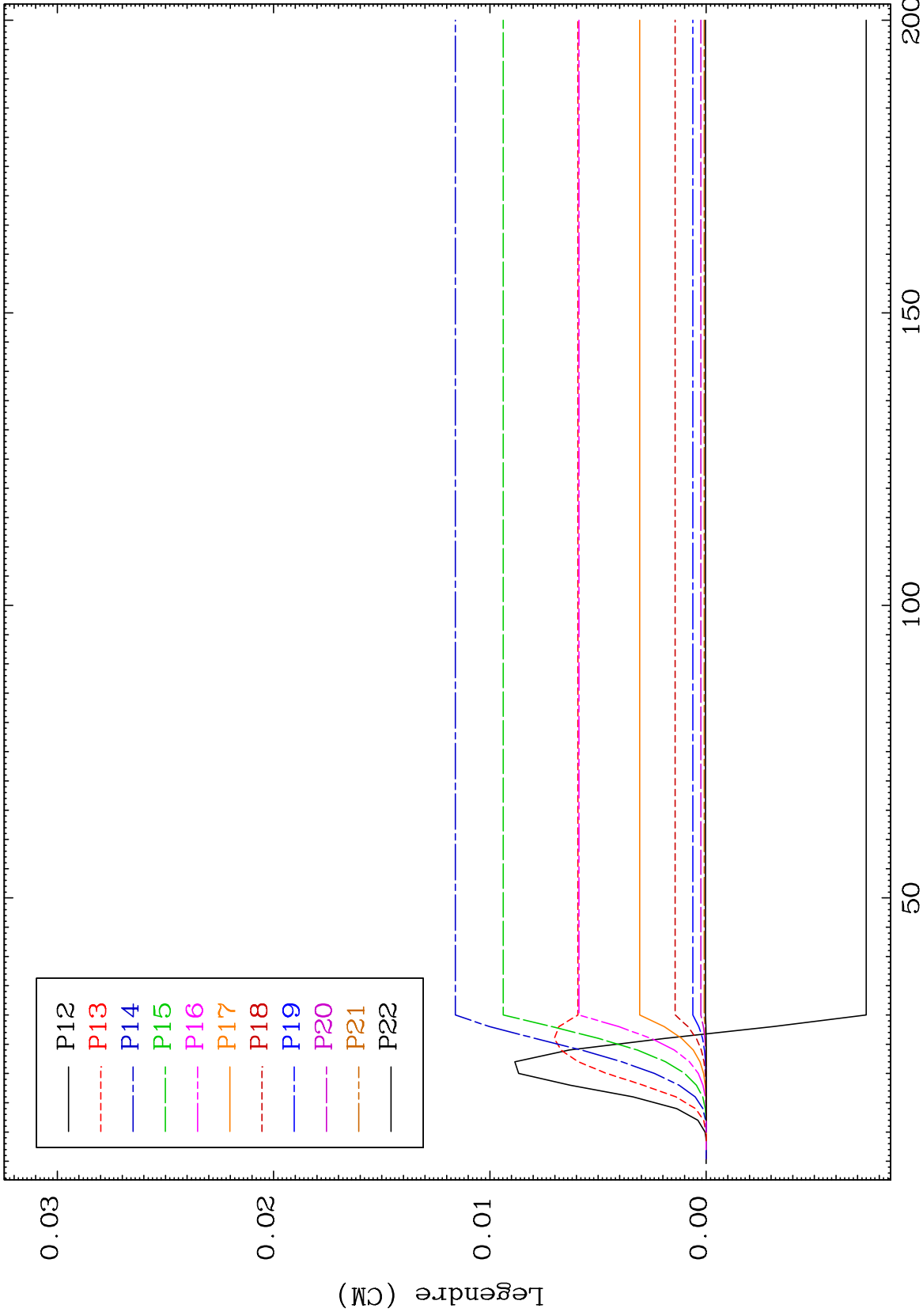


94 26-Fe-61

MAT 2646

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

26-Fe-61



95

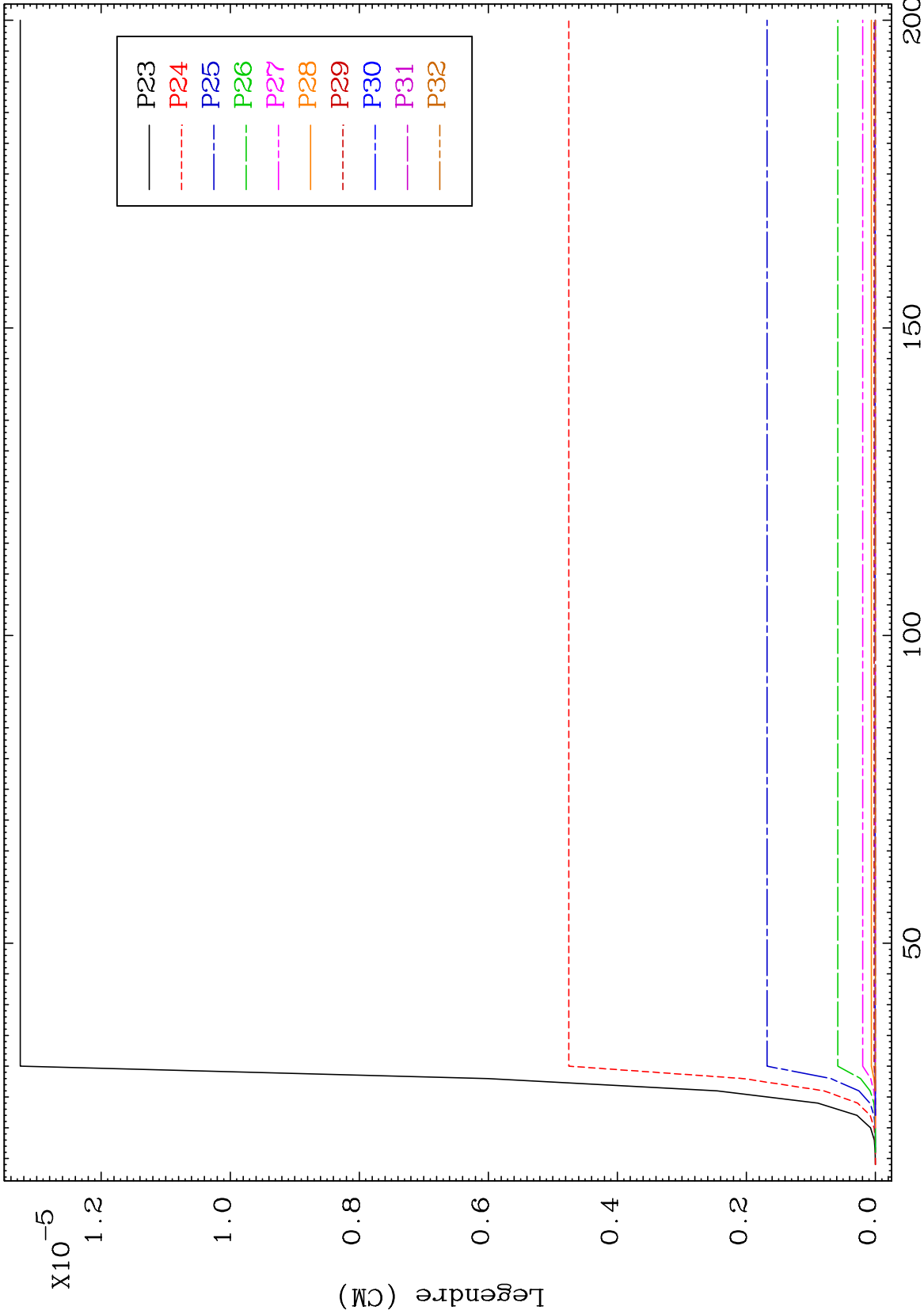
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



96

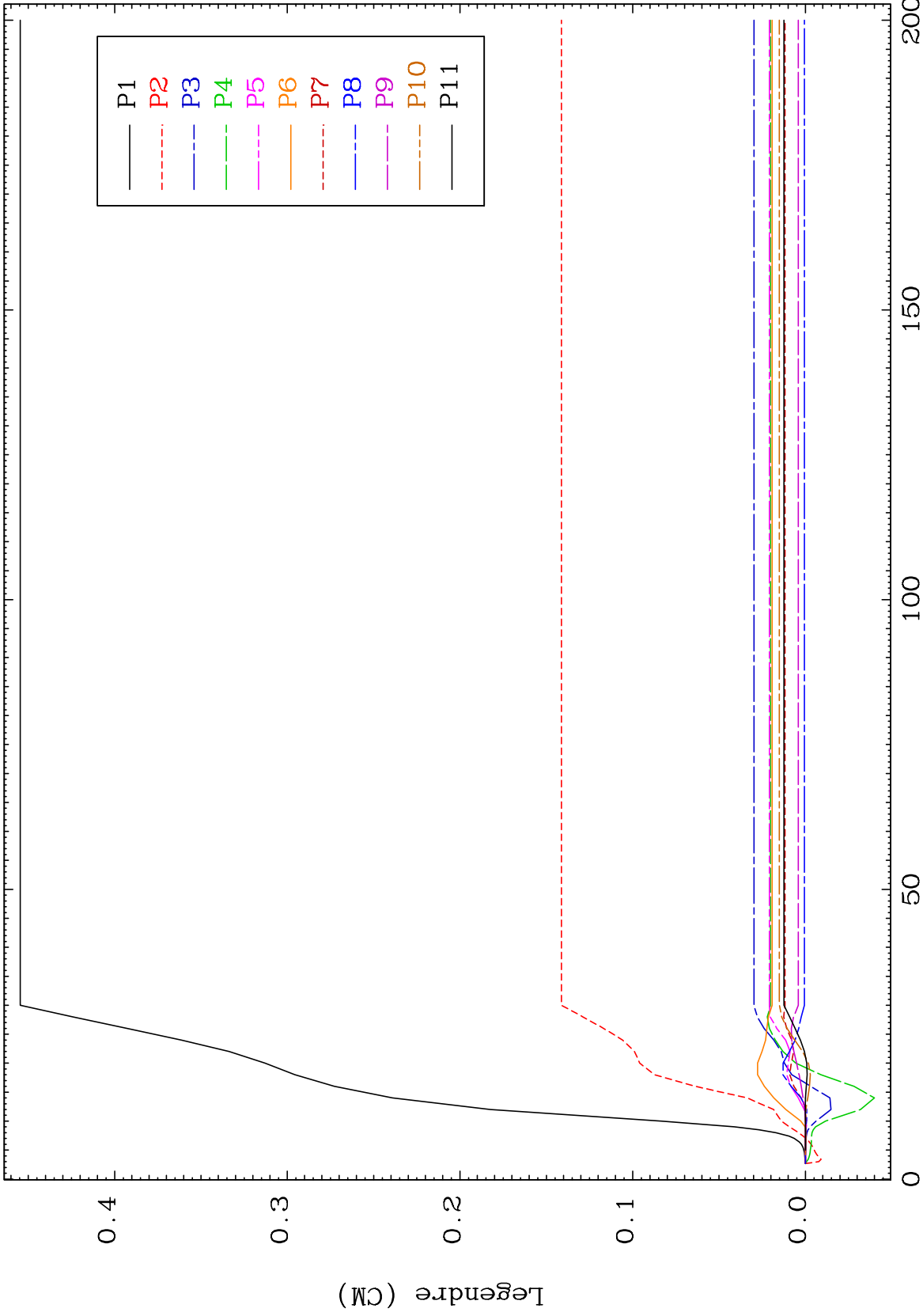
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



97

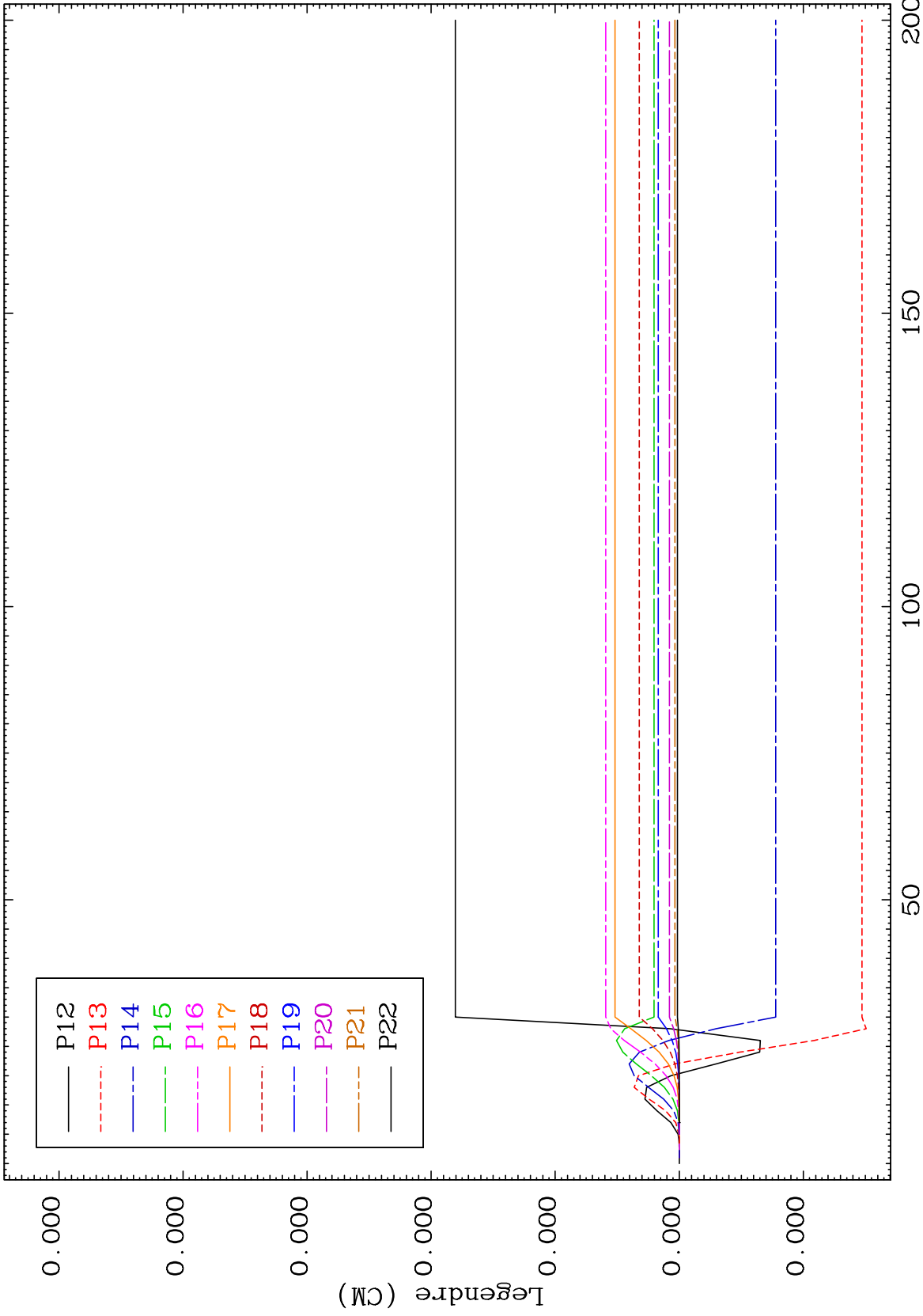
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

²⁶Fe-61



98

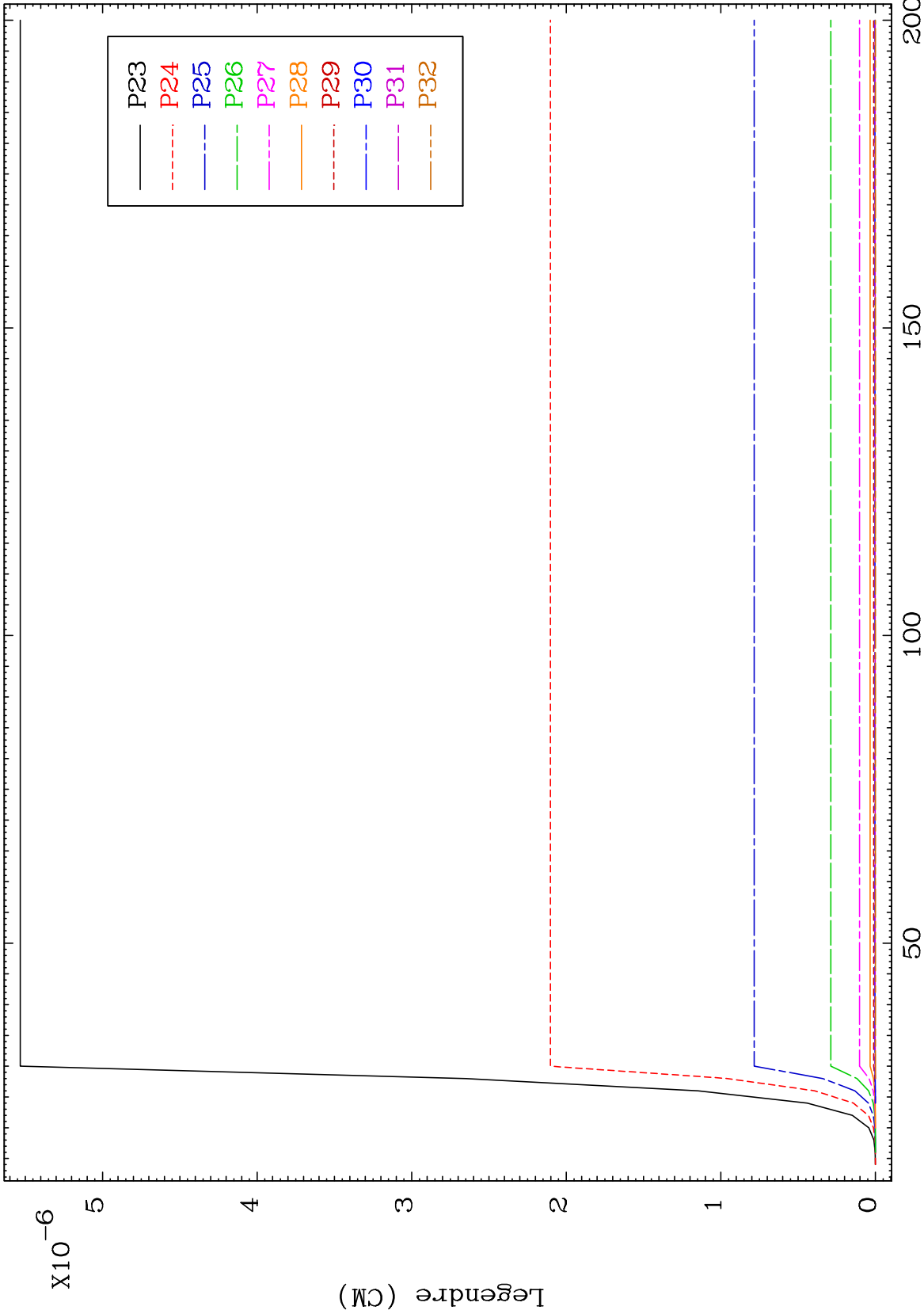
Incident Energy (MeV)

²⁶Fe-61

MAT 2646

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

26-Fe-61

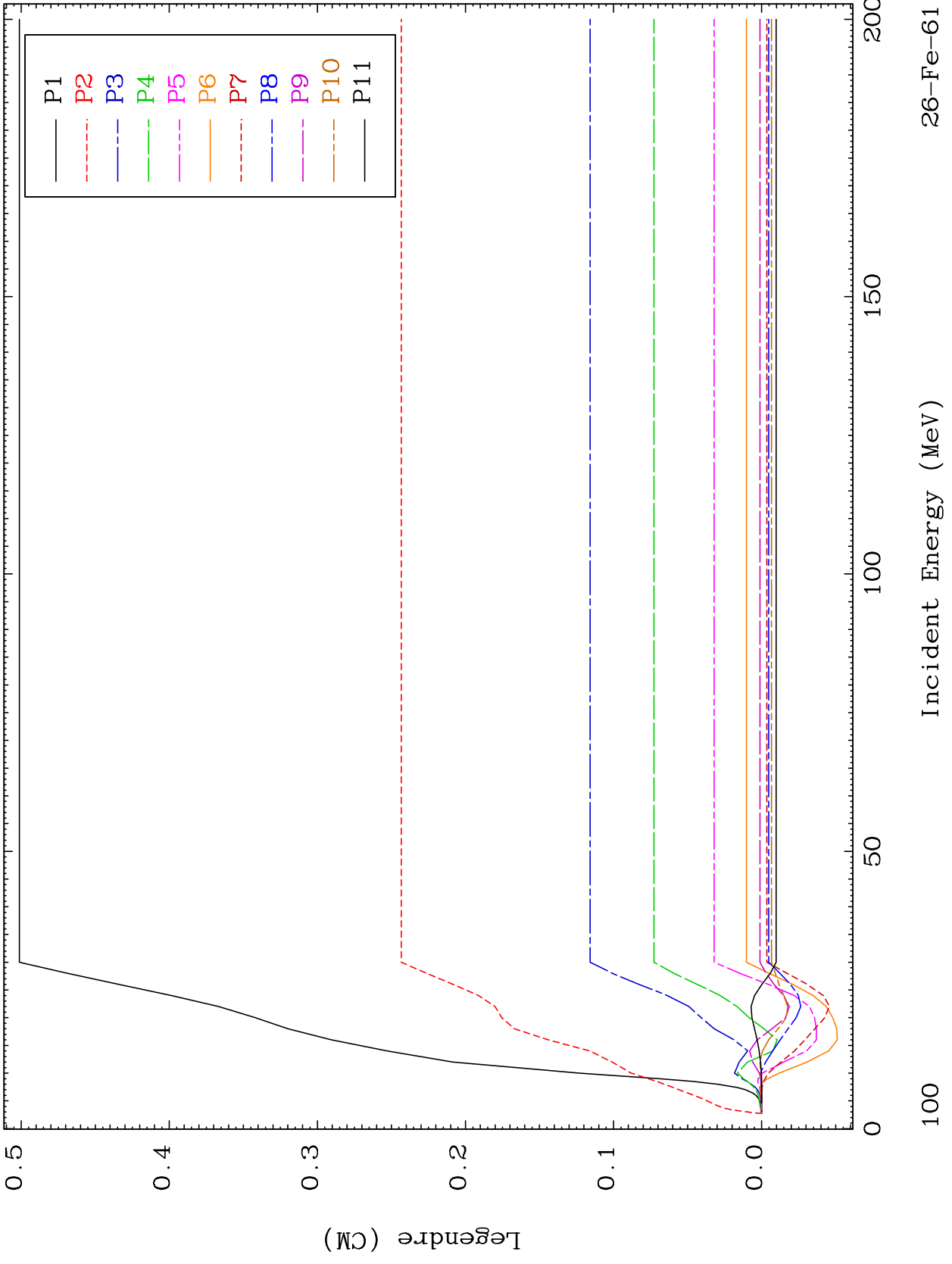


99

Incident Energy (MeV)

26-Fe-61

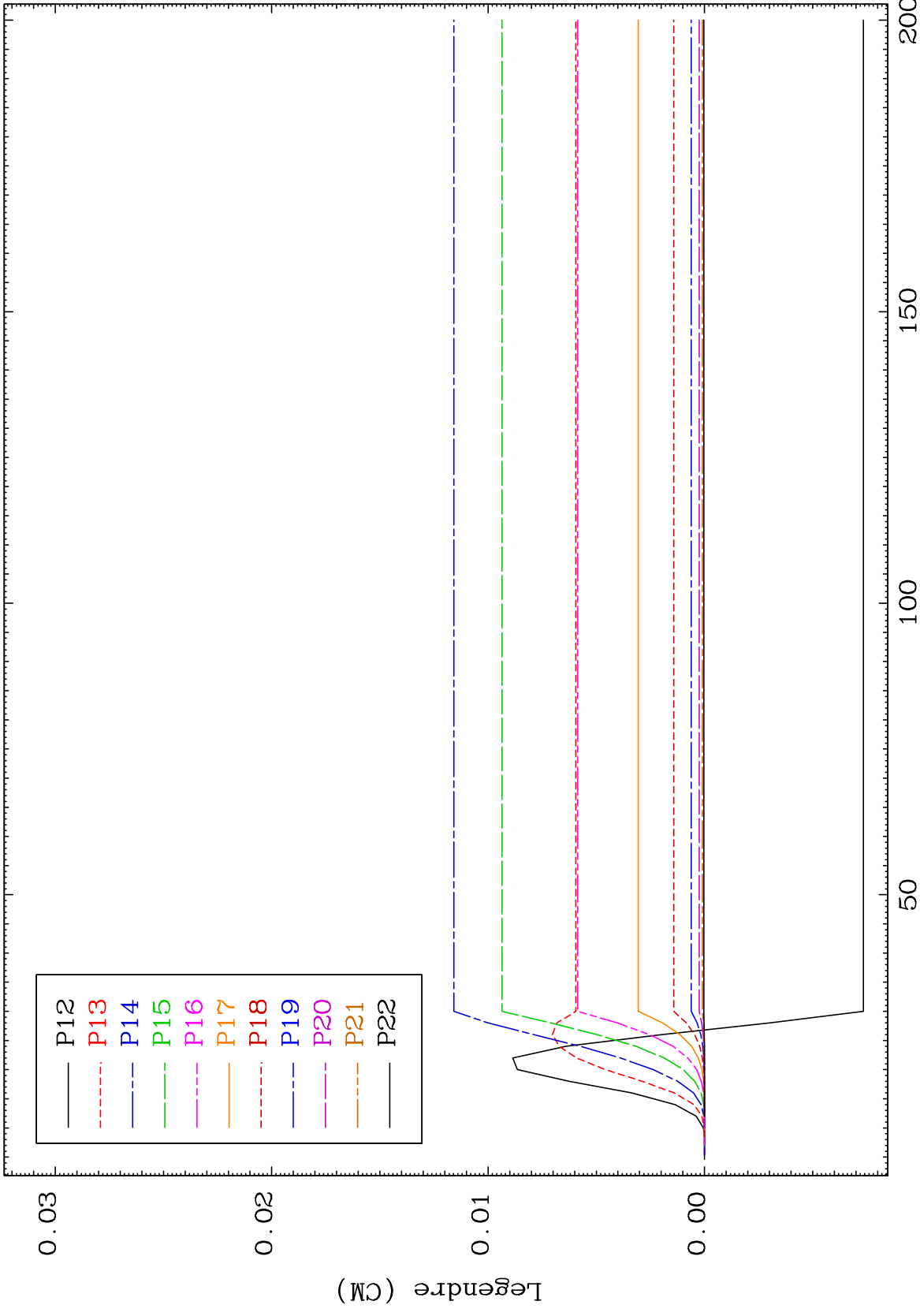
MAT 2646 MT= 78 (n,n') Level Legendre Coefficients 26-Fe-61



MAT 2646

MT= 78 (n,n') Level
Legendre Coefficients

26-Fe-61



101

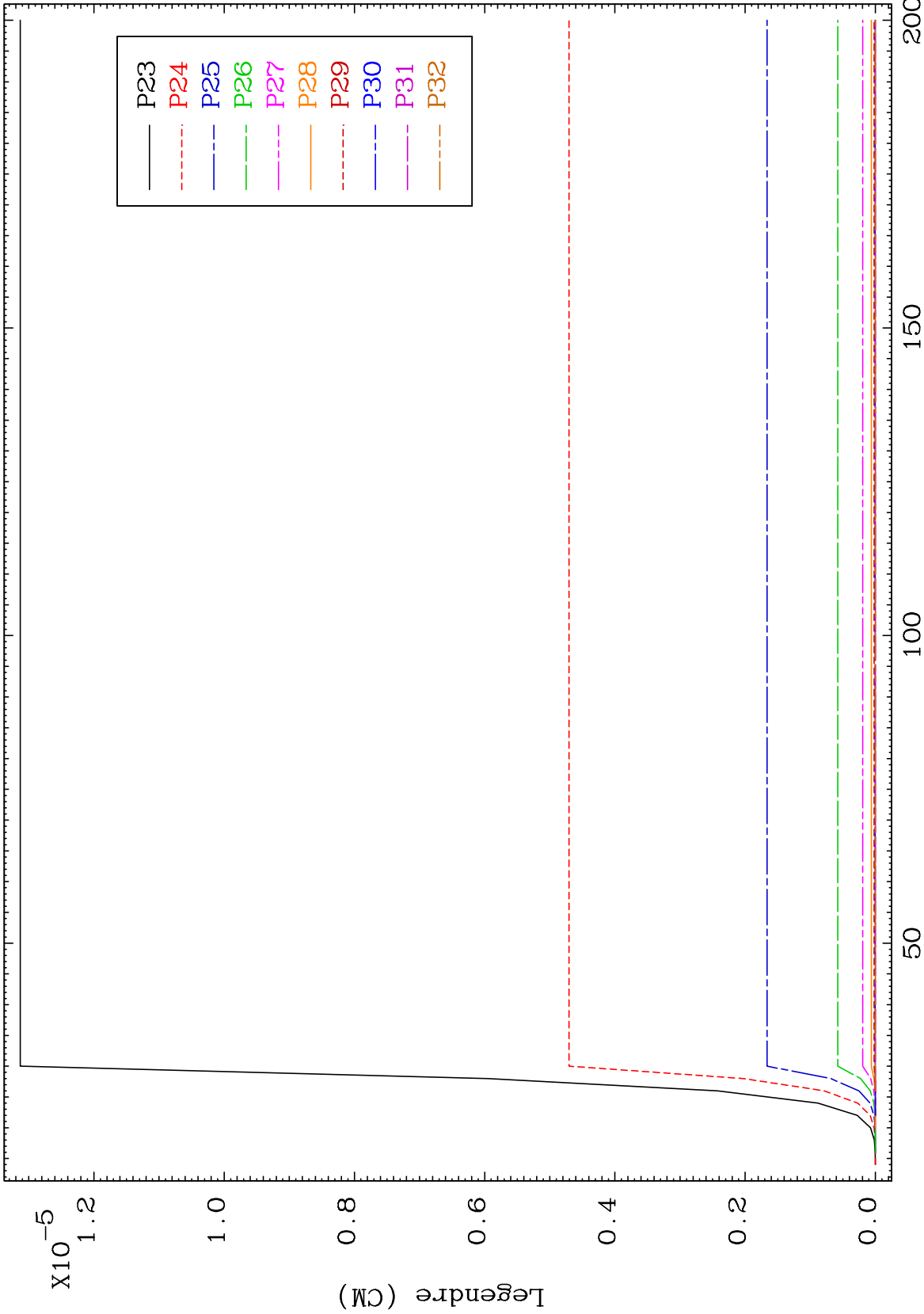
Incident Energy (MeV)

26-Fe-61

MAT 2646

MT= 78 (n,n') Level
Legendre Coefficients

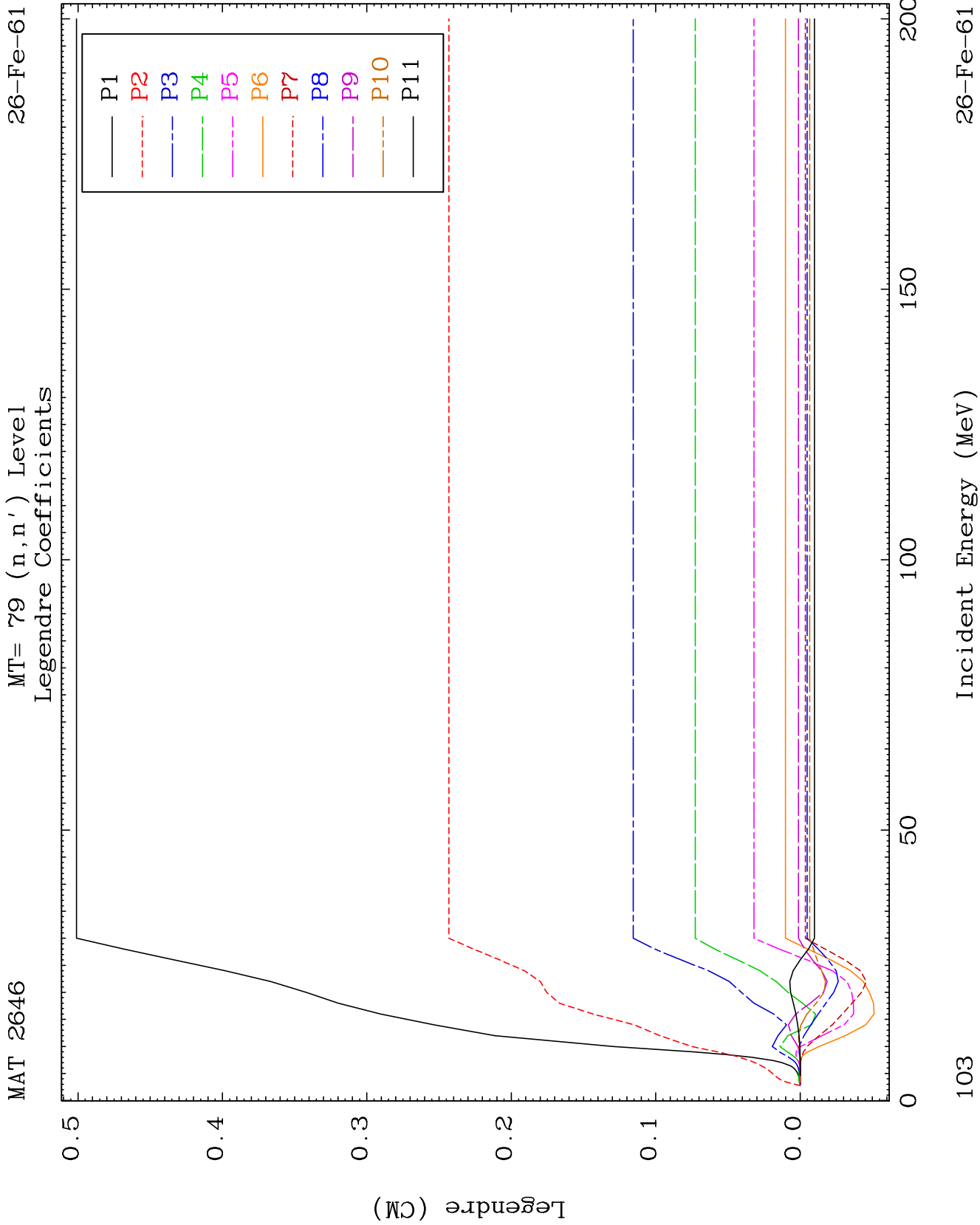
26-Fe-61



102

Incident Energy (MeV)

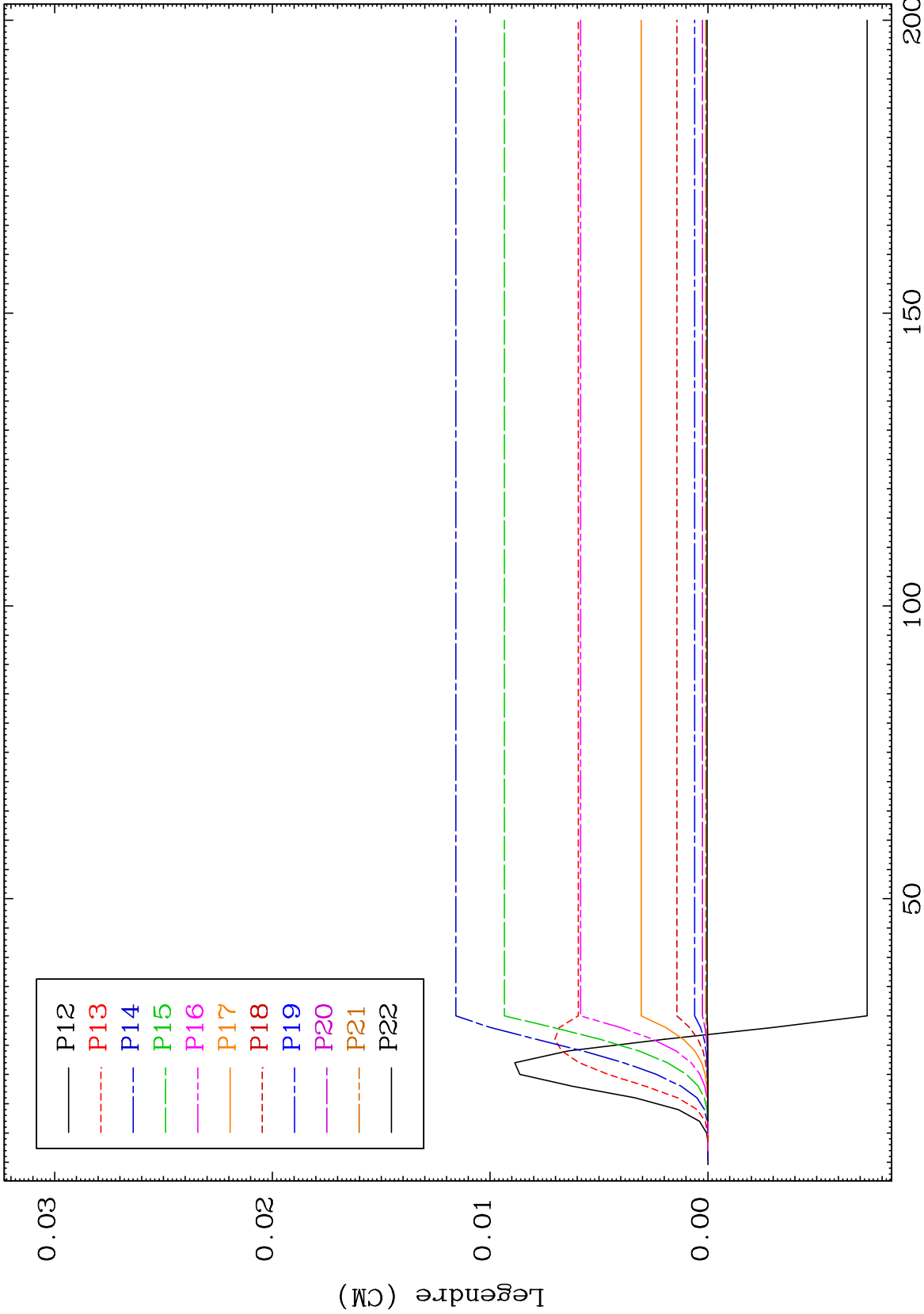
26-Fe-61



MAT 2646

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

26-Fe-61



26-Fe-61

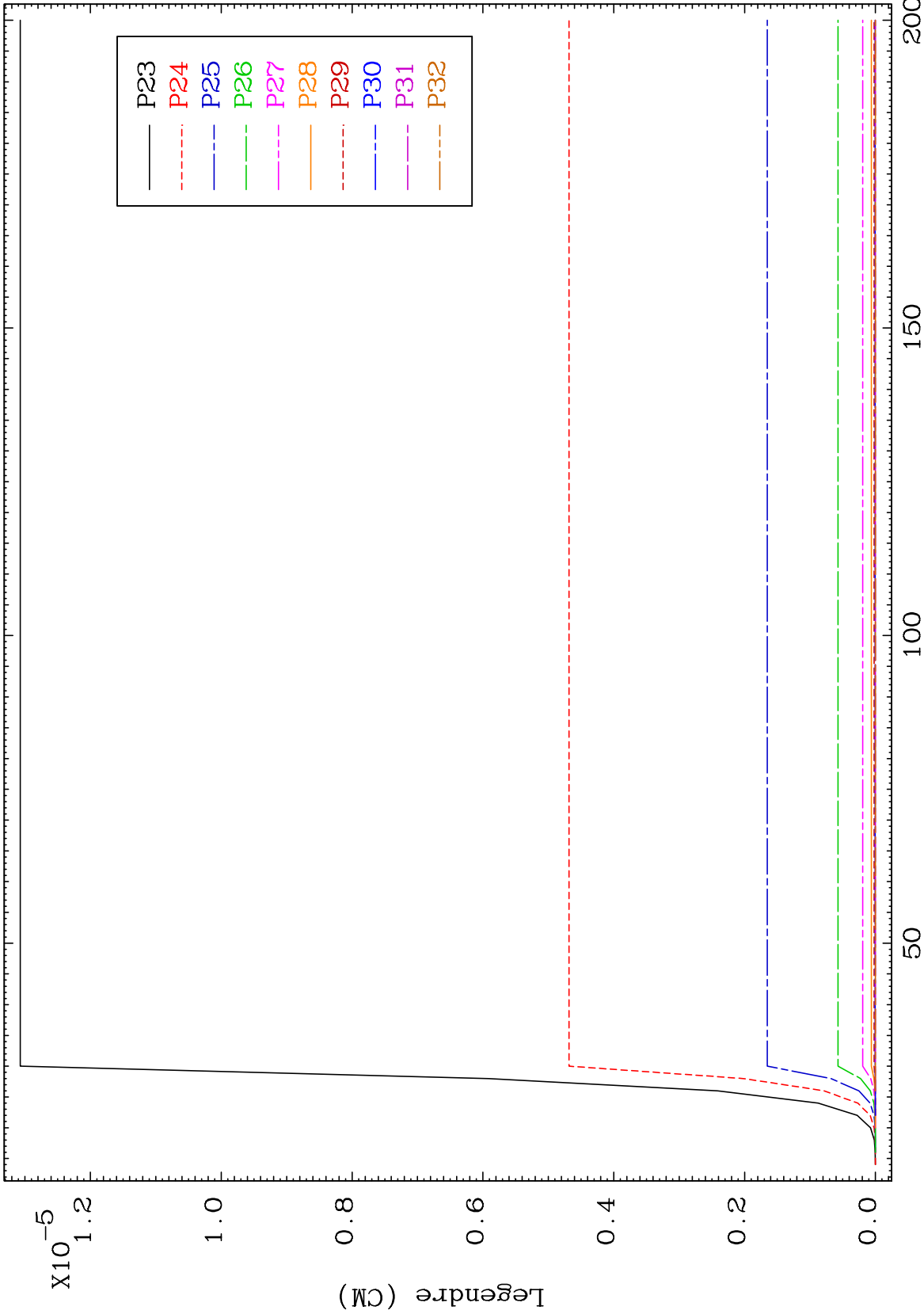
Incident Energy (MeV)

104

MAT 2646

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

26-Fe-61



105

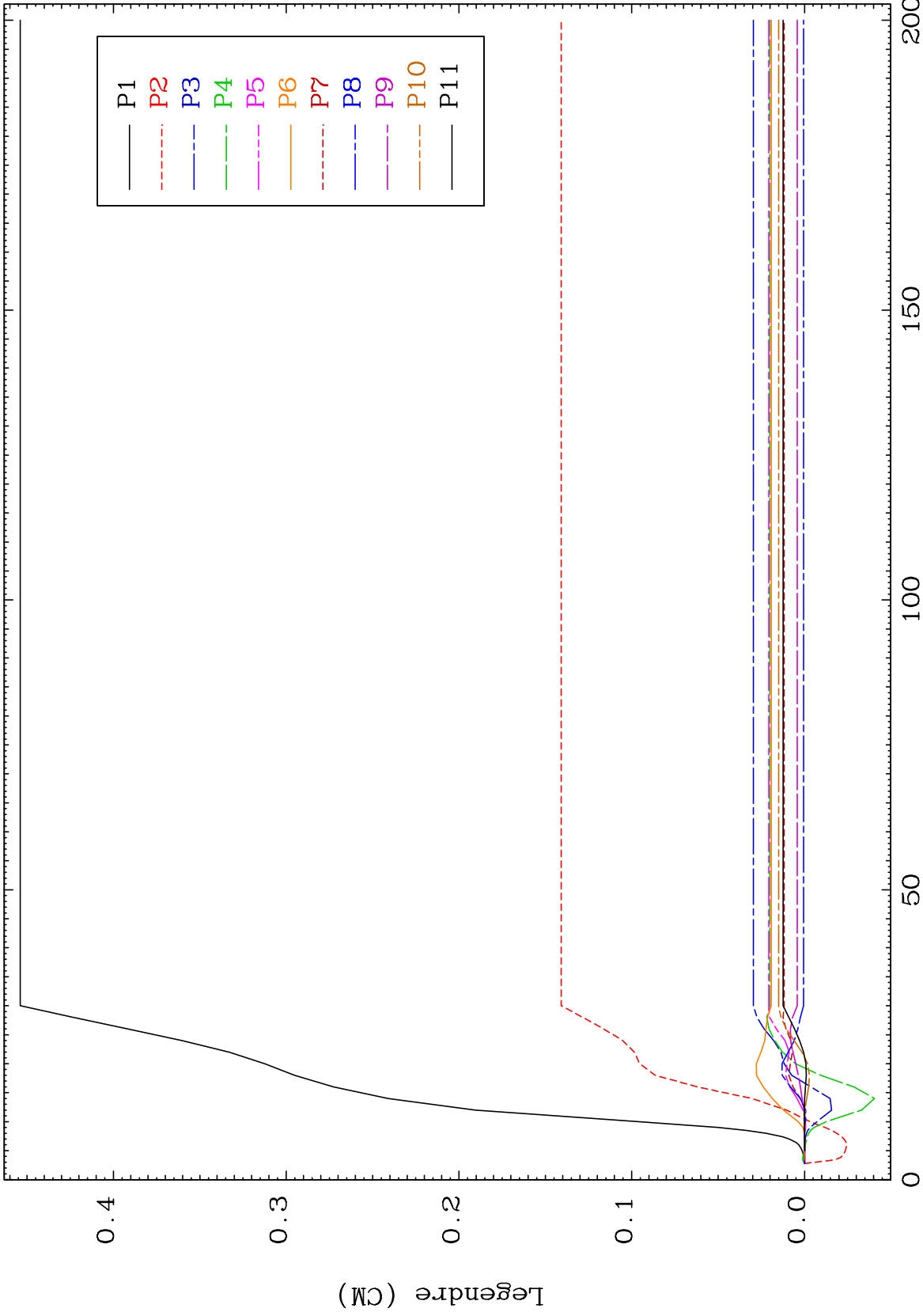
Incident Energy (MeV)

26-Fe-61

MAT 2646

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

26-Fe-61



26-Fe-61

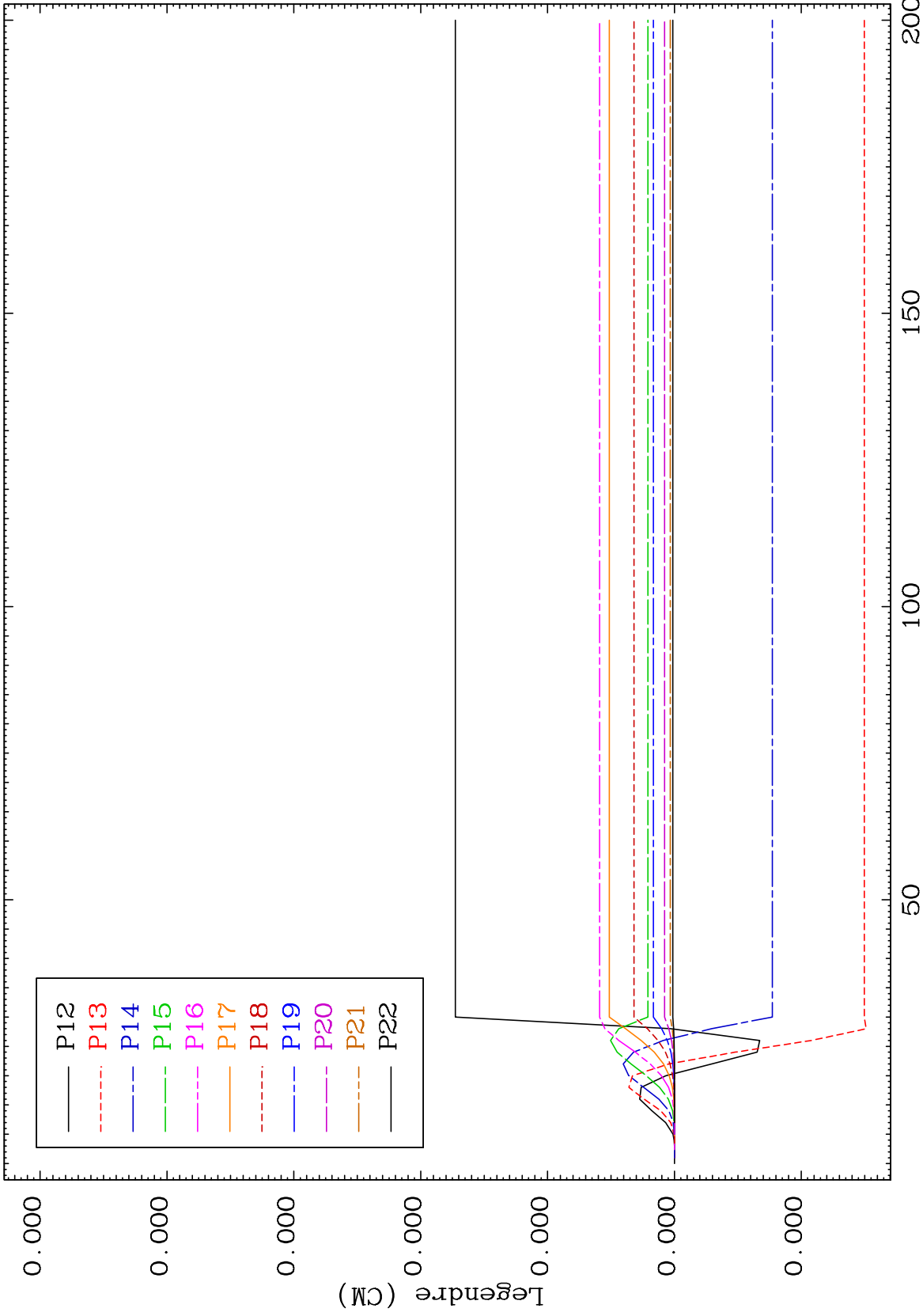
Incident Energy (MeV)

106

MAT 2646

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

²⁶Fe-61



107

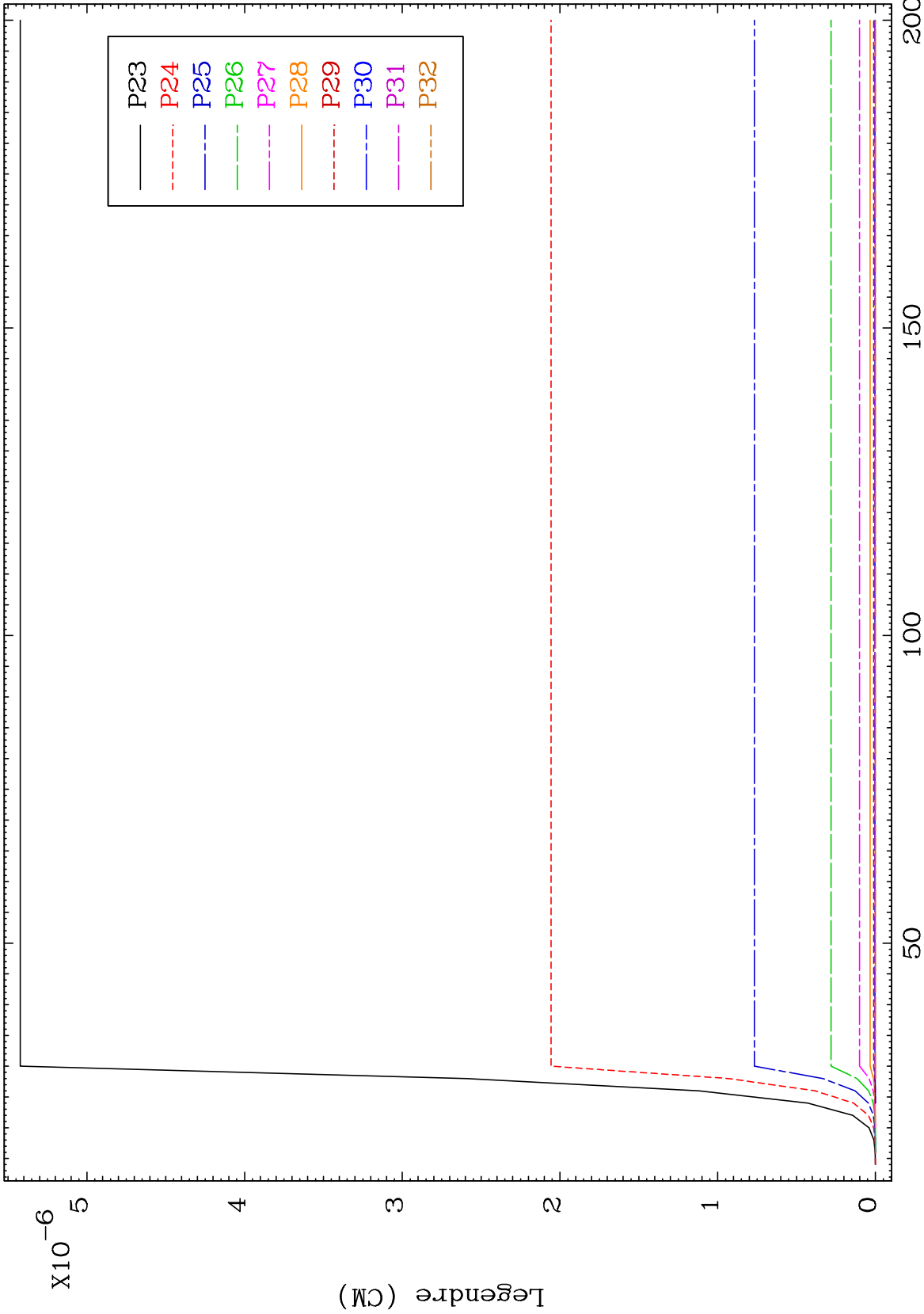
Incident Energy (MeV)

²⁶Fe-61

MAT 2646

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

26-Fe-61



108

Incident Energy (MeV)

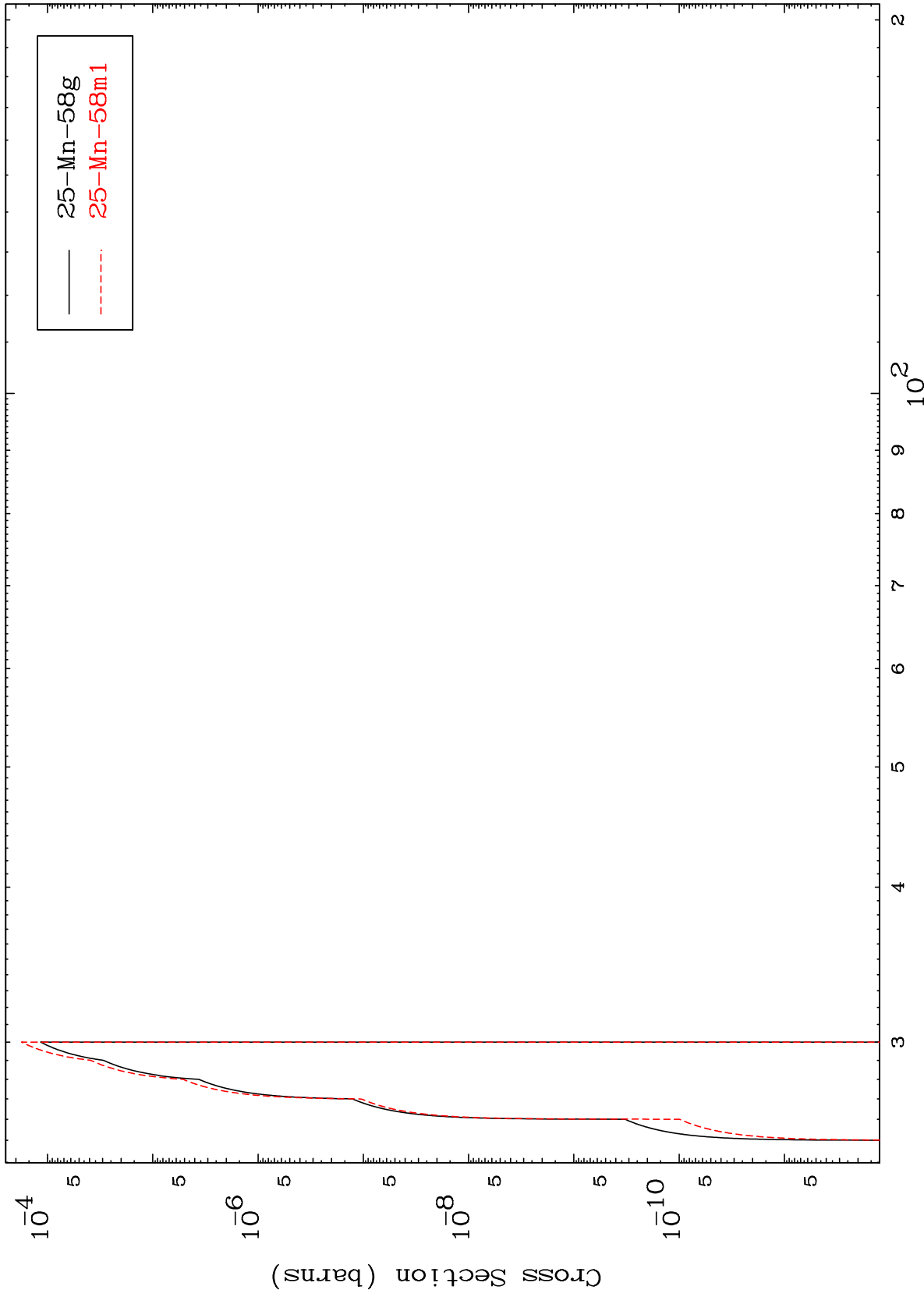
26-Fe-61

MAT 2646

(n,2n) d

²⁶Fe-61

Radionuclide Production Cross Section



109

Incident Energy (MeV)

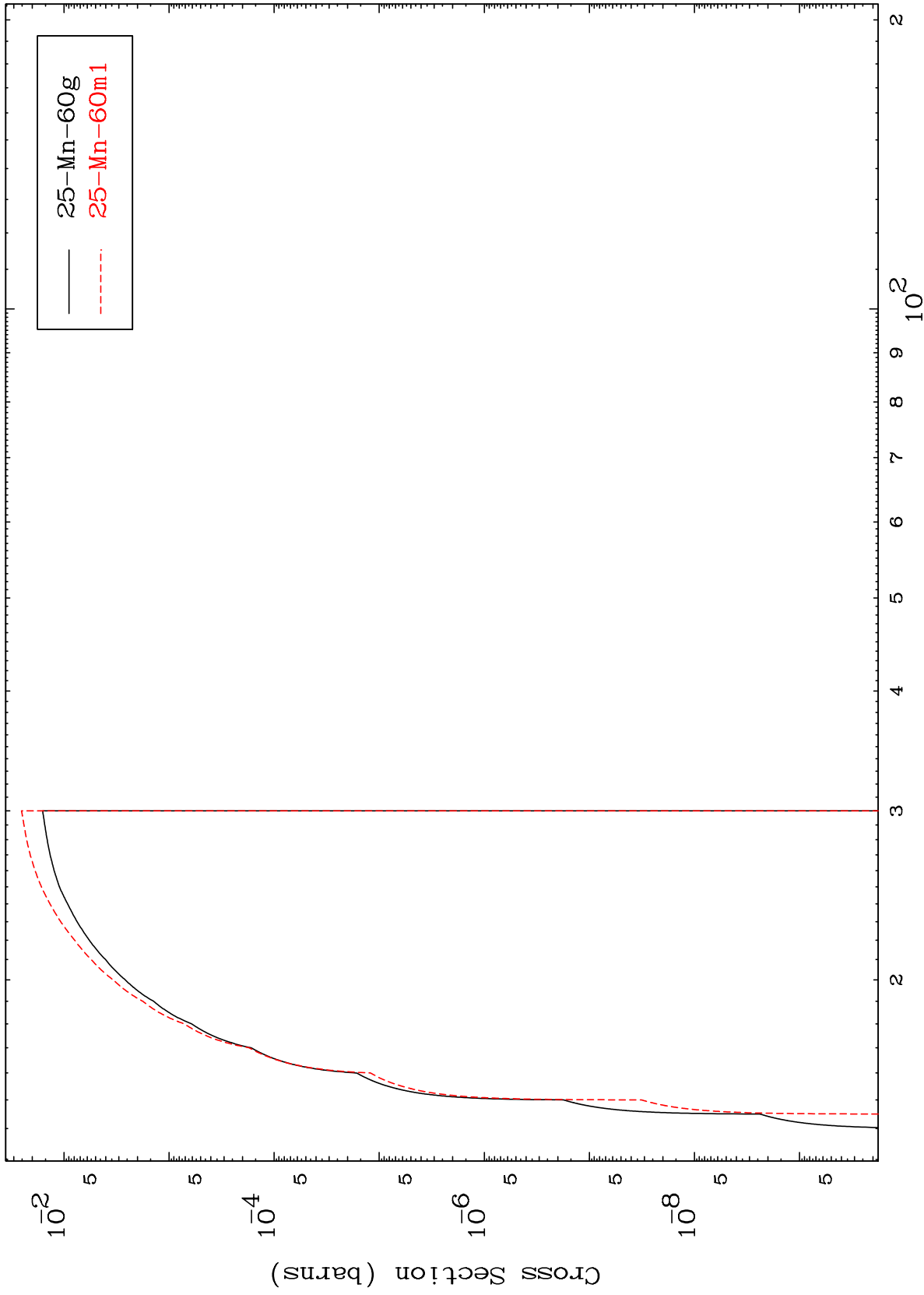
²⁶Fe-61

MAT 2646

(n,n') p

²⁶Fe-61

Radionuclide Production Cross Section



110

Incident Energy (MeV)

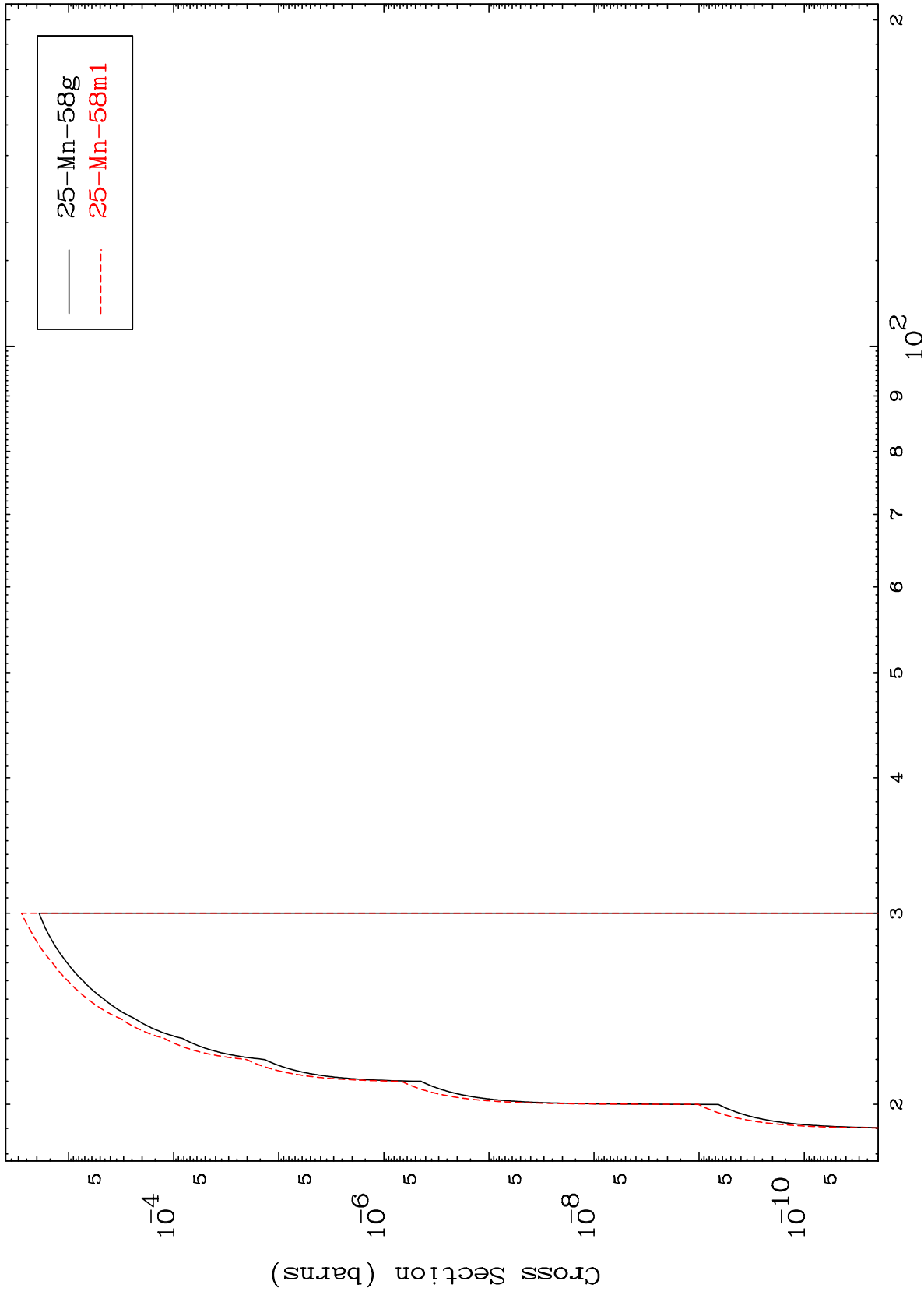
²⁶Fe-61

MAT 2646

(n,n') t

²⁶Fe-61

Radionuclide Production Cross Section



111

Incident Energy (MeV)

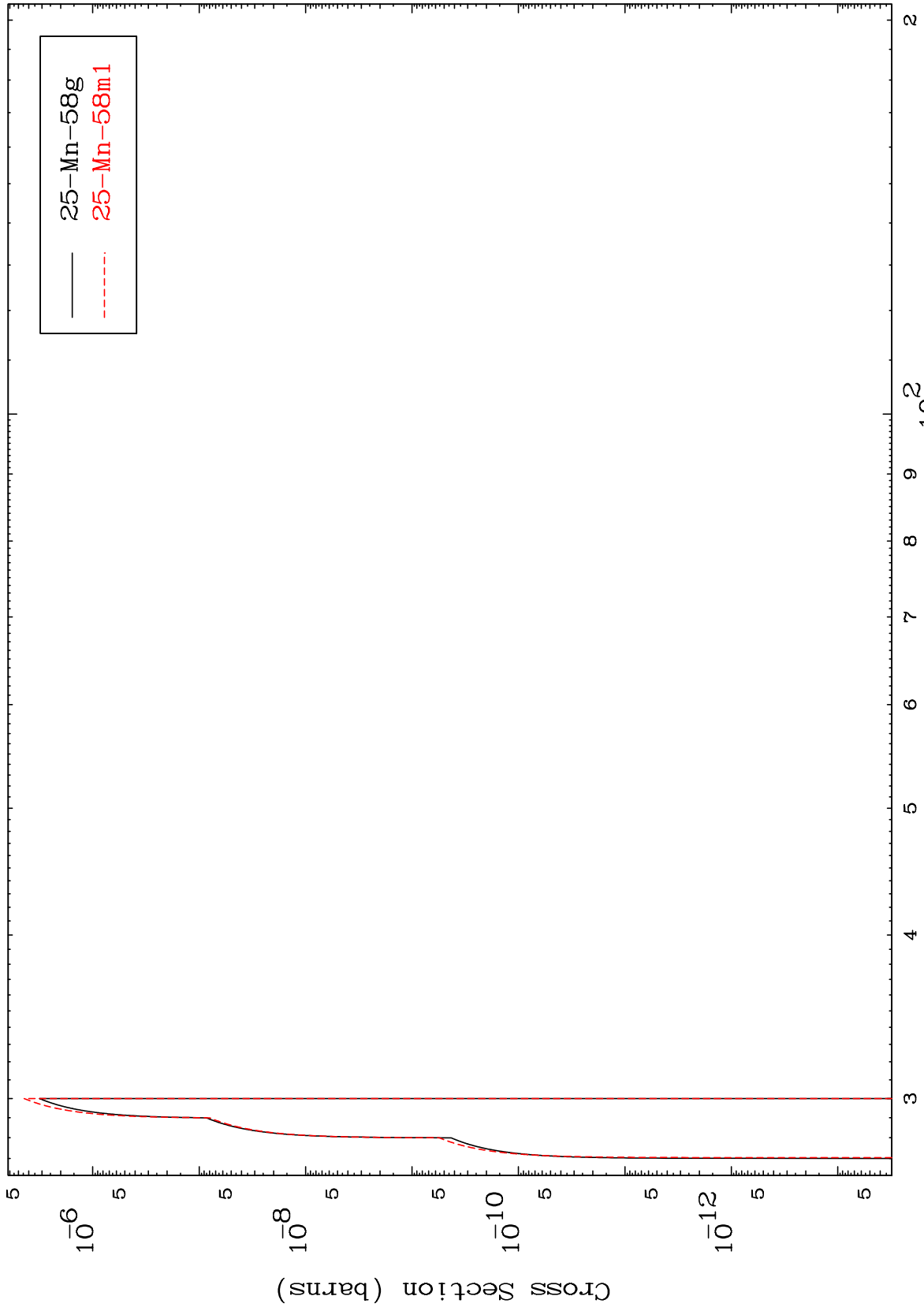
²⁶Fe-61

MAT 2646

(n,3n) p

²⁶Fe-61

Radionuclide Production Cross Section



112

Incident Energy (MeV)

²⁶Fe-61

