

Program EVALPLOT
(Version 2018-1)

by

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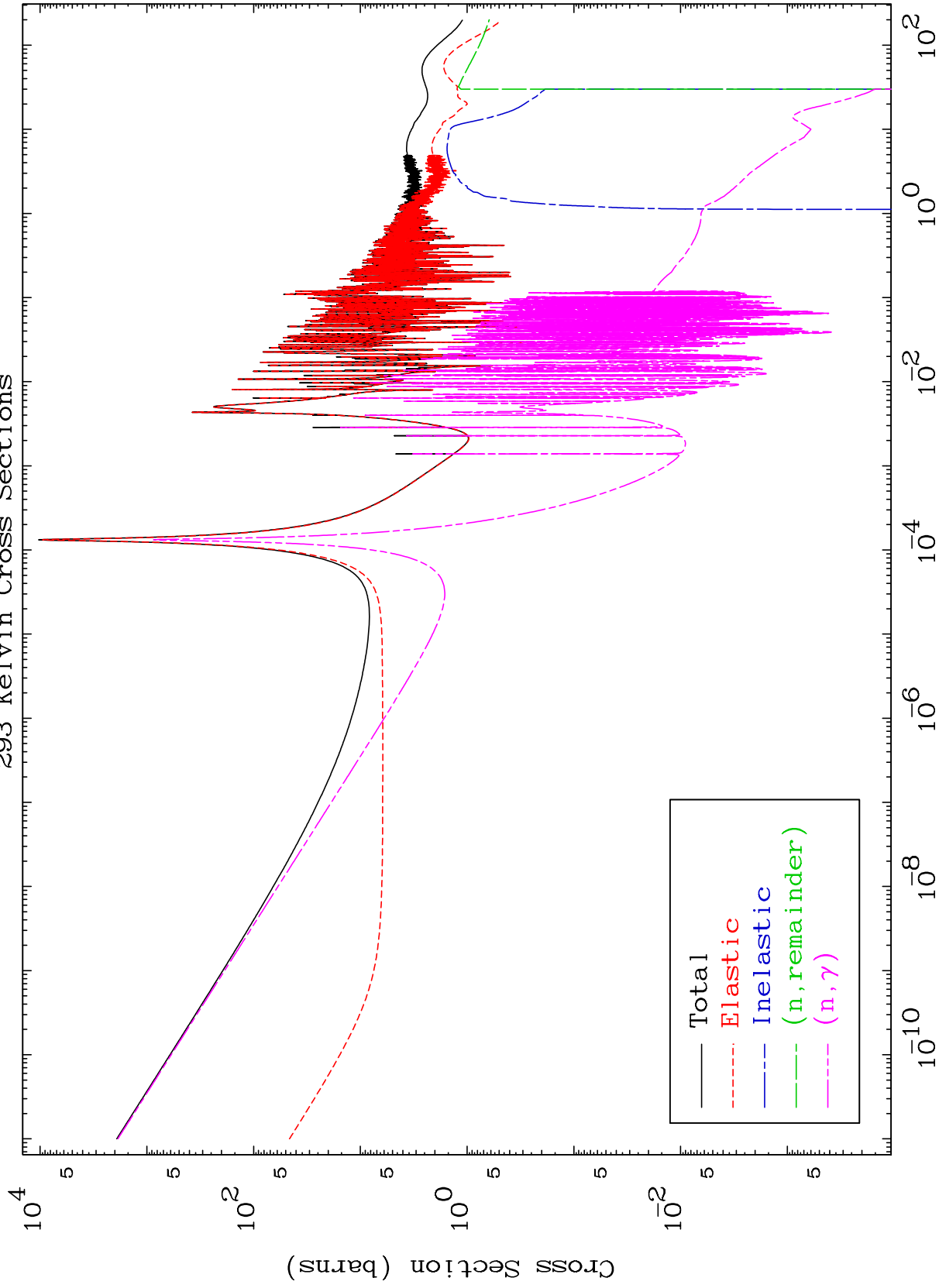
Press Mouse Button to Start

MAT 2725

Major

293 Kelvin Cross Sections

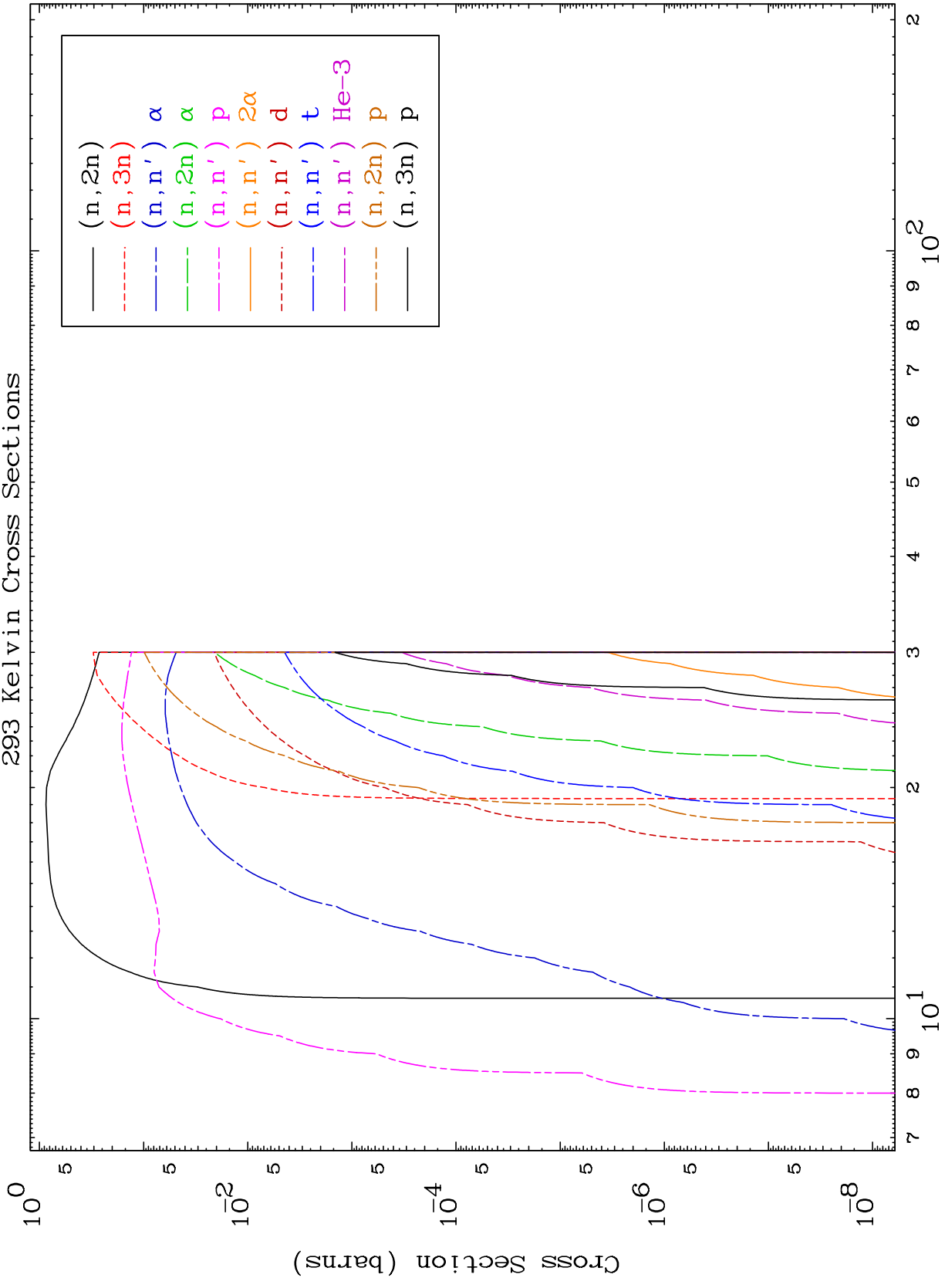
27-Co-59



MAT 2725

Neutron Production
293 Kelvin Cross Sections

27-Co-59



2

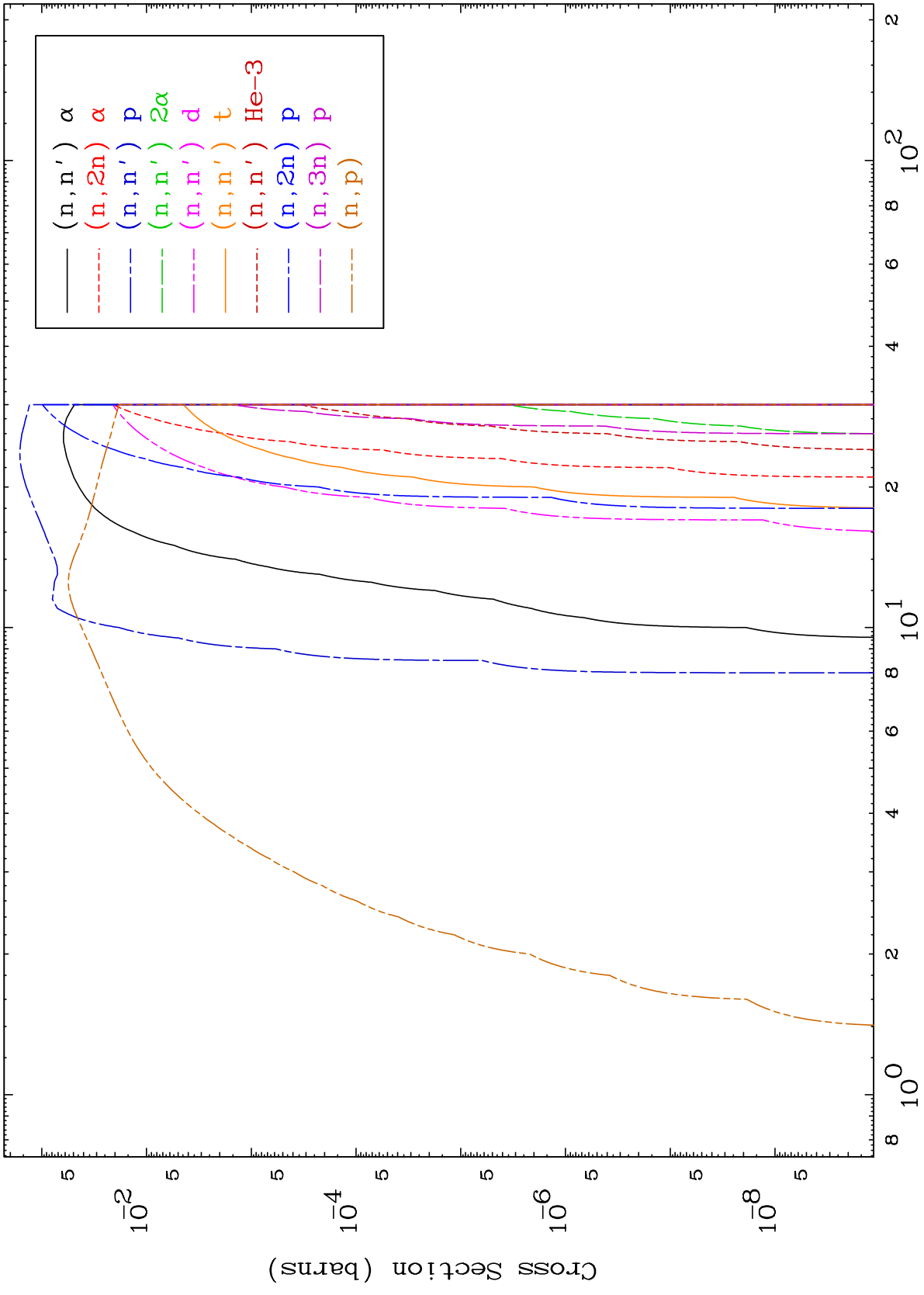
Incident Energy (MeV)

27-Co-59

MAT 2725

293 Kelvin Cross Sections
Charged Particle

27-Co-59



3

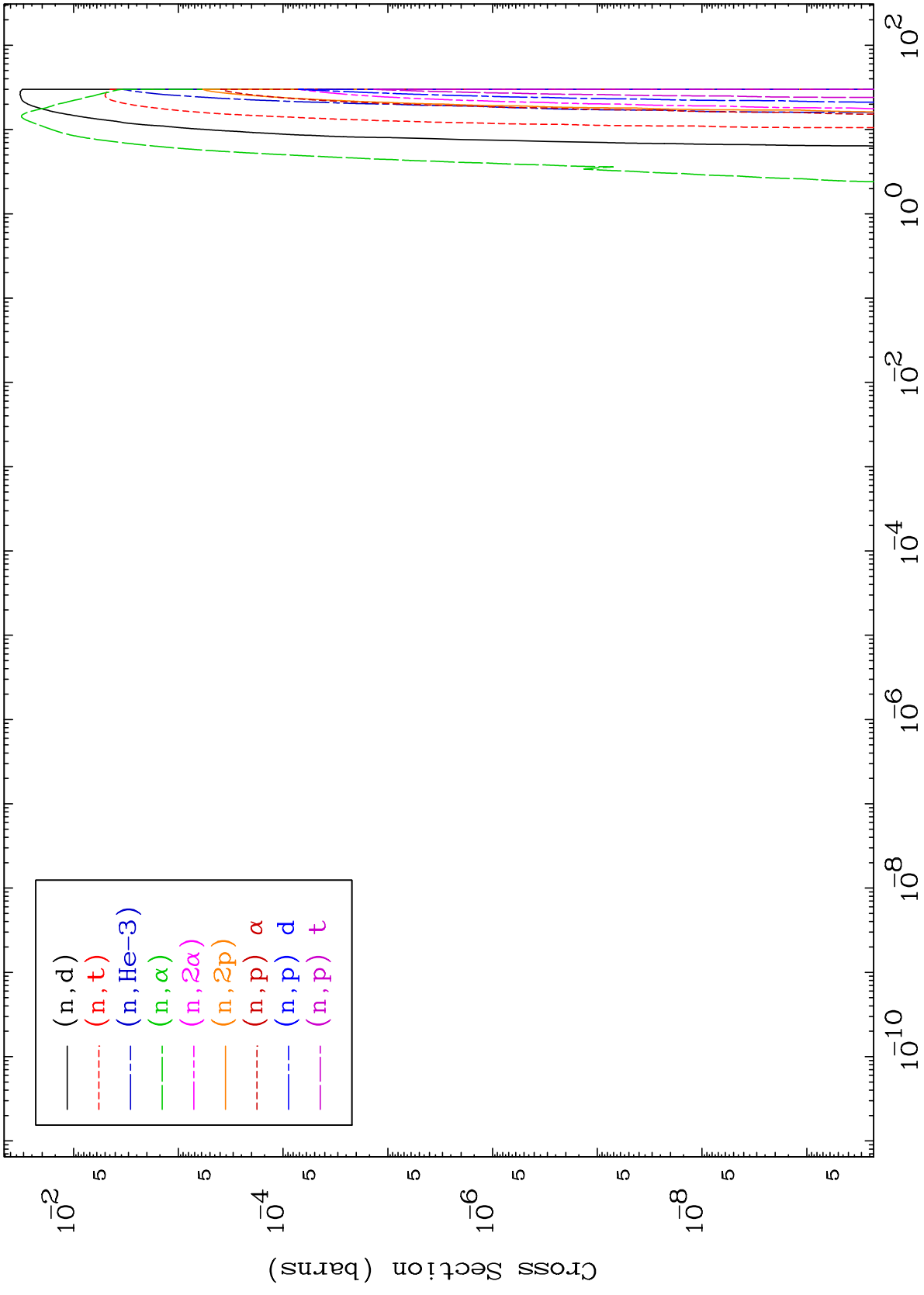
Incident Energy (MeV)

27-Co-59

MAT 2725

Charged Particle
293 Kelvin Cross Sections

27-Co-59



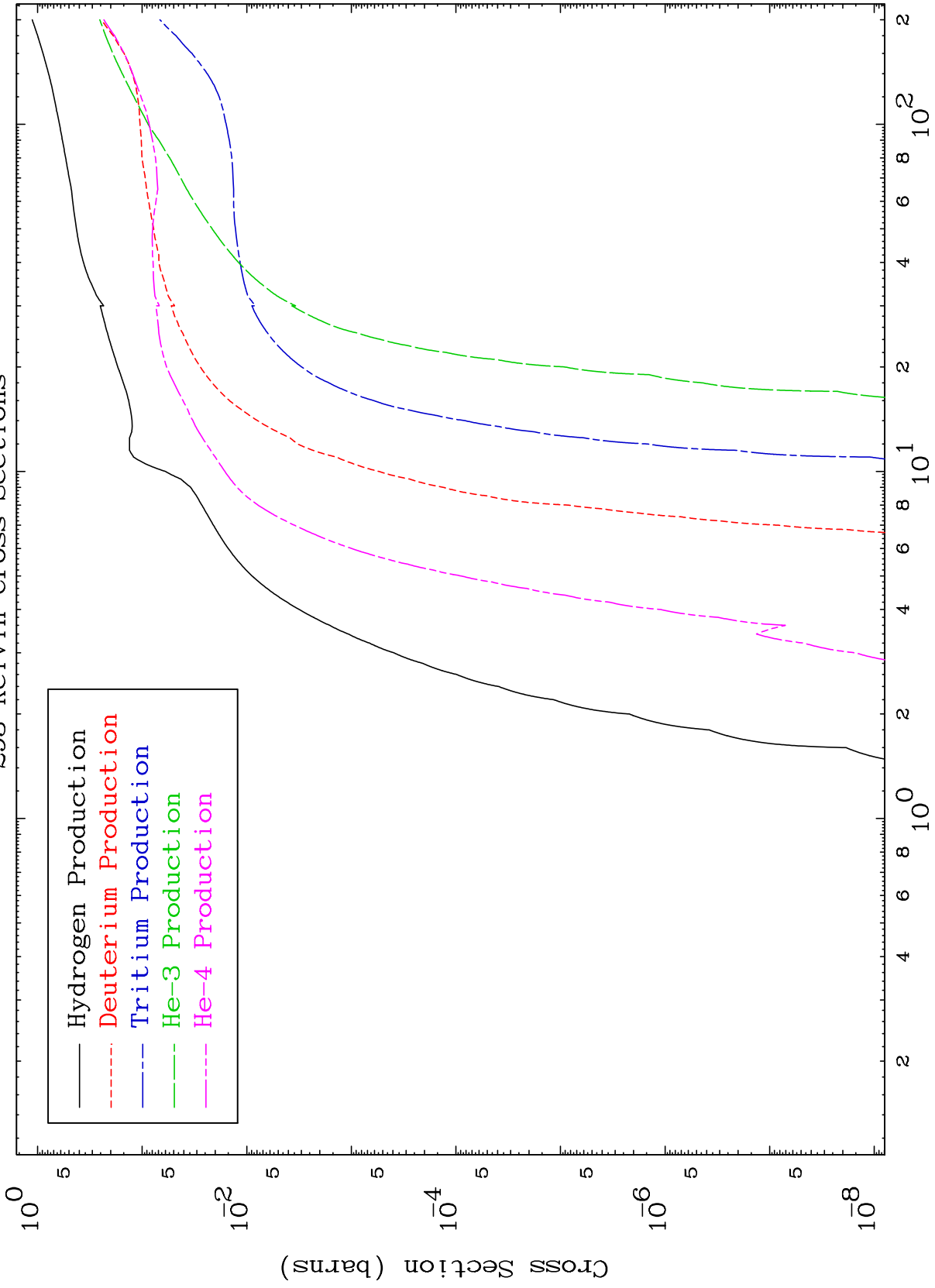
27-Co-59

Incident Energy (MeV)

MAT 2725

Particle Production
293 Kelvin Cross Sections

27-Co-59



5

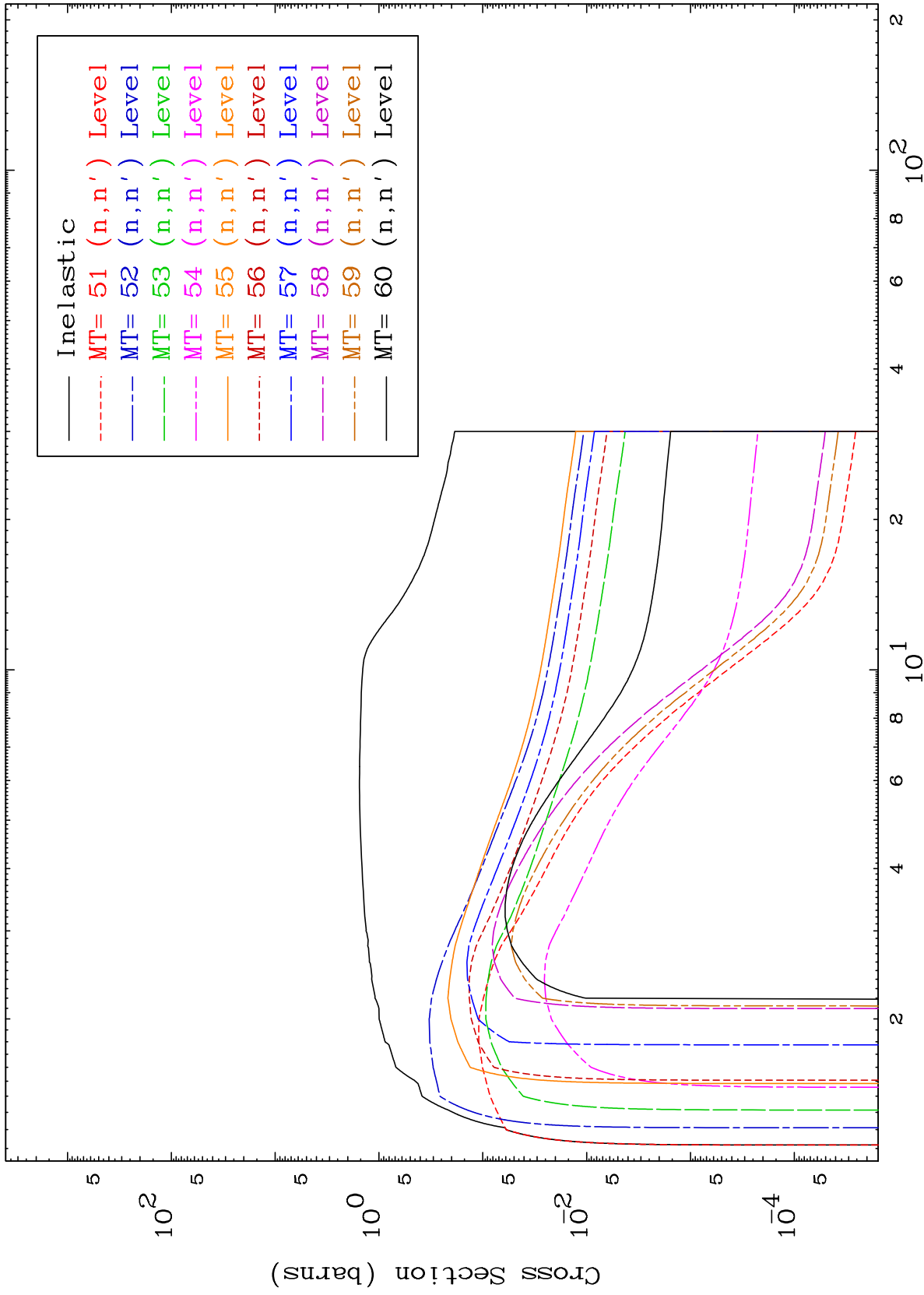
27-Co-59

MAT 2725

(n,n') Level

27-Co-59

293 Kelvin Cross Sections



6

Incident Energy (MeV)

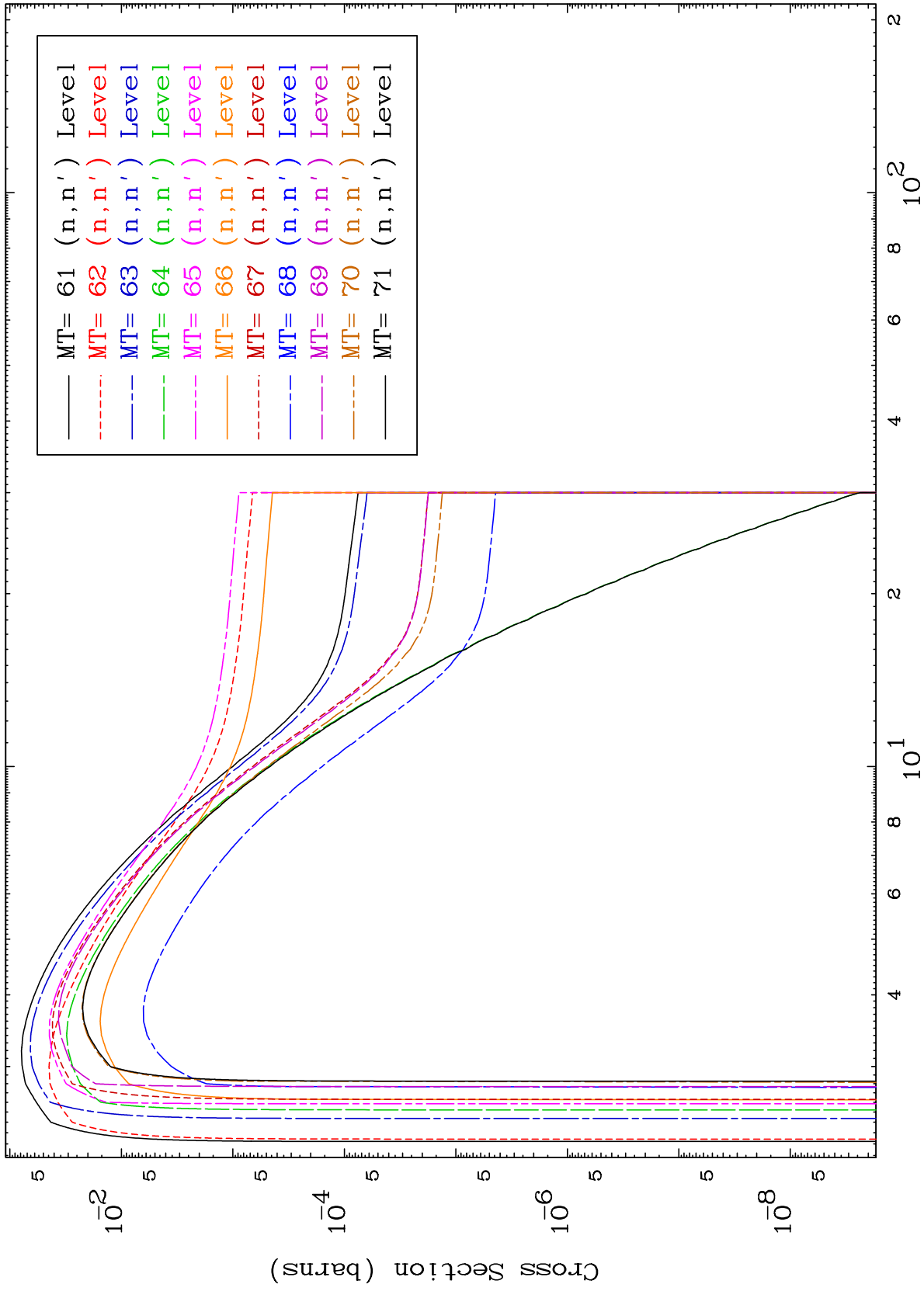
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MAT 2725

(n,n') Level

27-Co-59

293 Kelvin Cross Sections



7

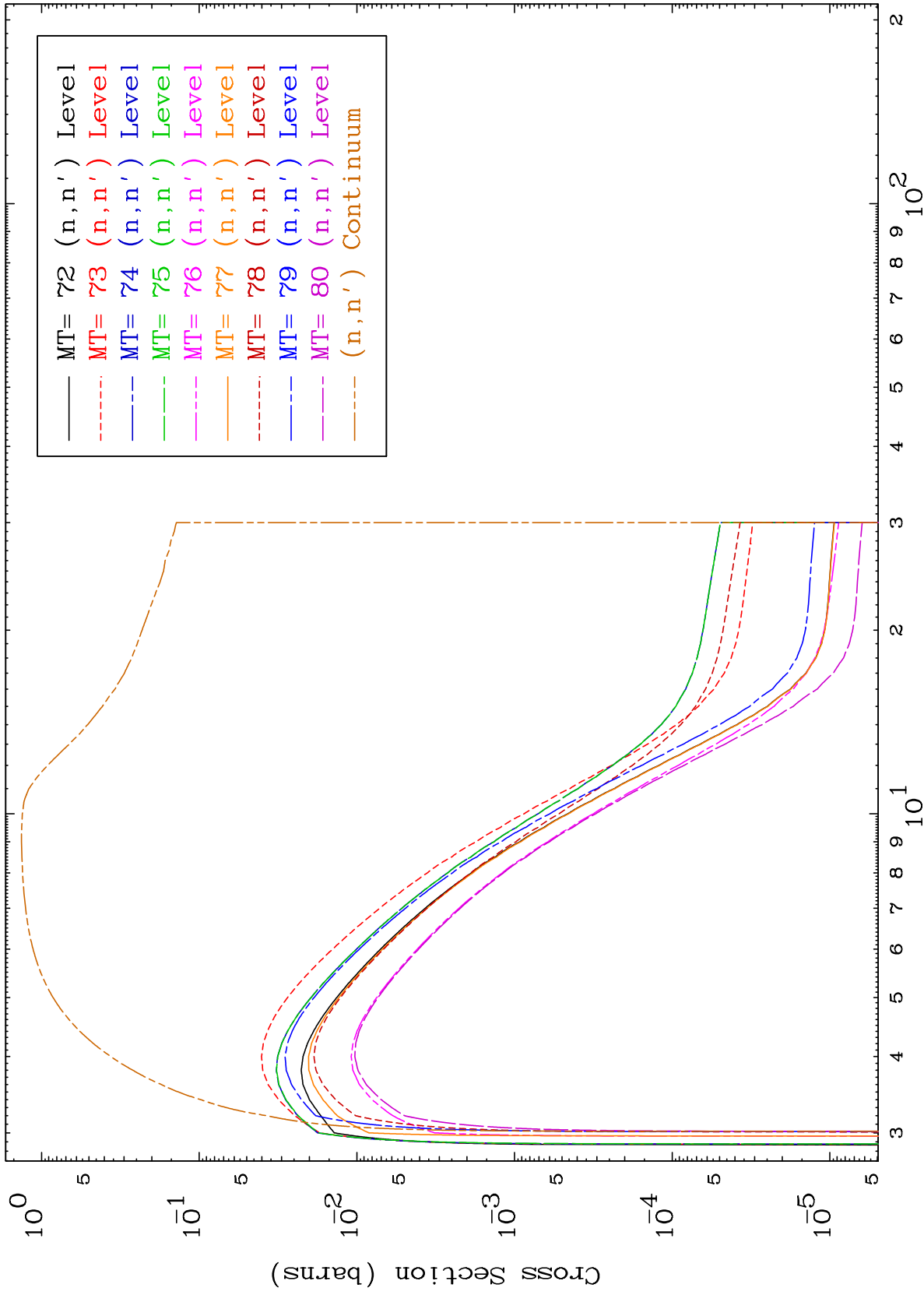
Incident Energy (MeV)

27-Co-59

MAT 2725

(n,n') Level
293 Kelvin Cross Sections

27-Co-59



8

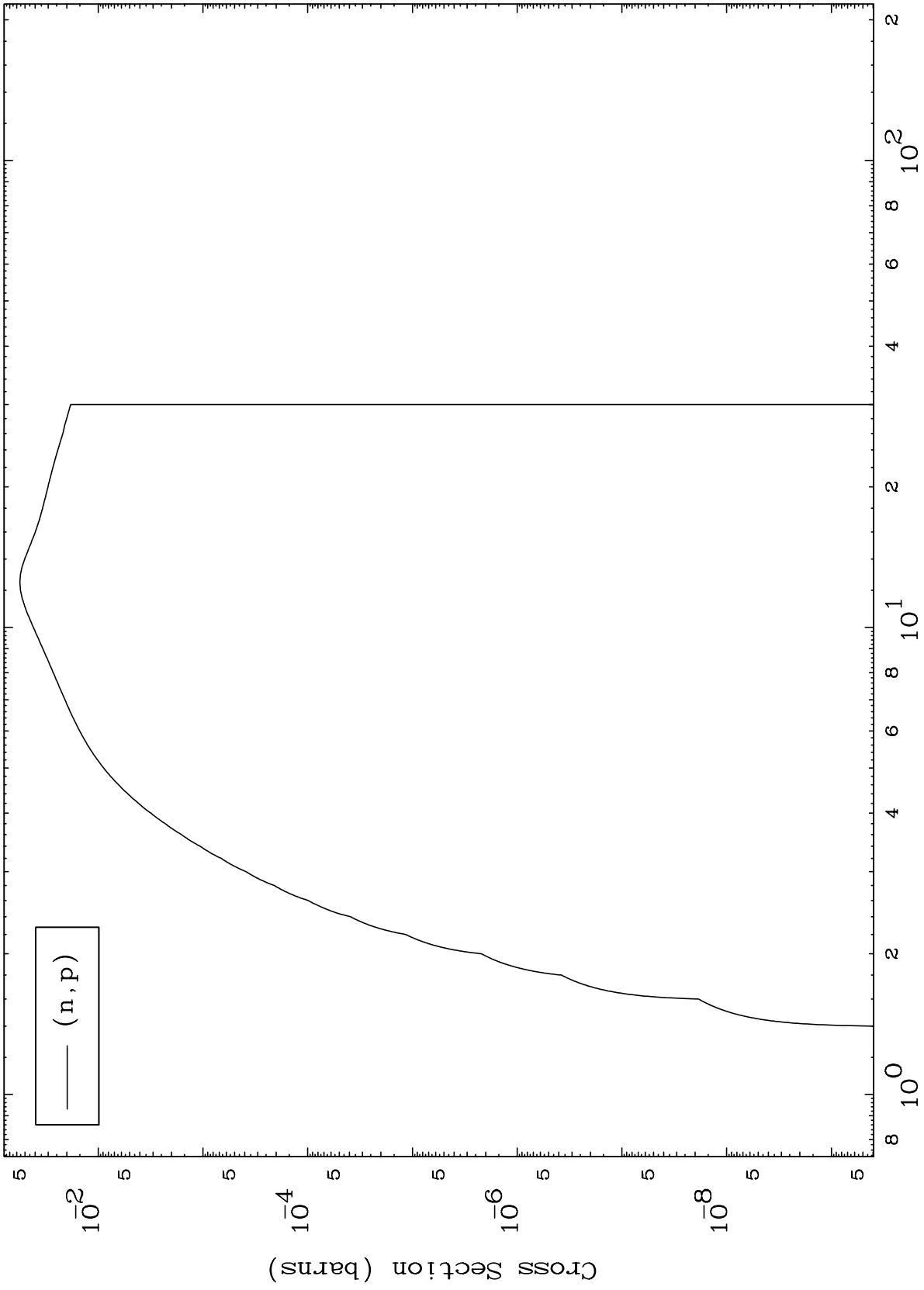
Incident Energy (MeV)

27-Co-59

MAT 2725

(n,p) Levels
293 Kelvin Cross Sections

27-Co-59



9

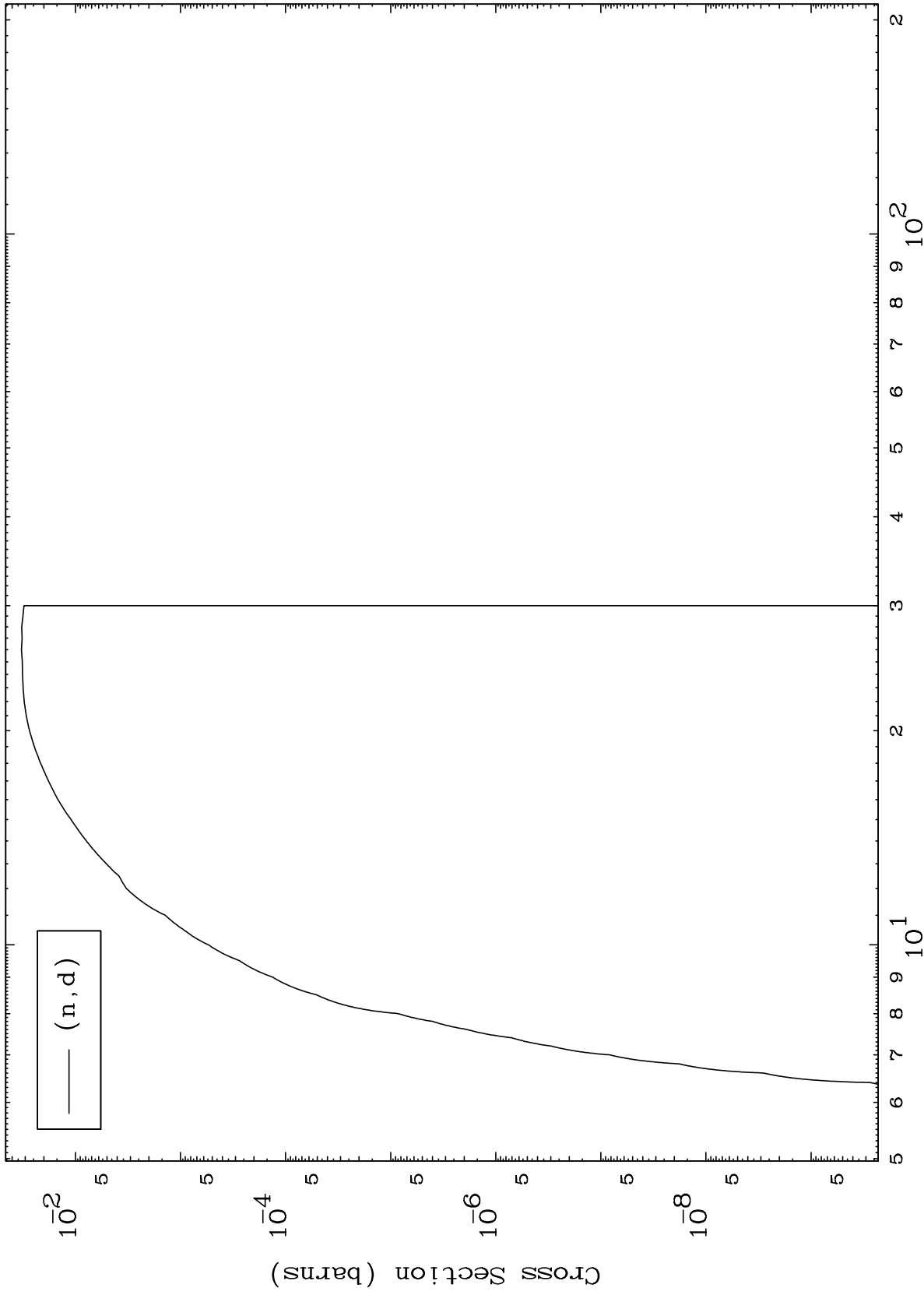
Incident Energy (MeV)

27-Co-59

MAT 2725

(n,d) Levels
293 Kelvin Cross Sections

27-Co-59



10

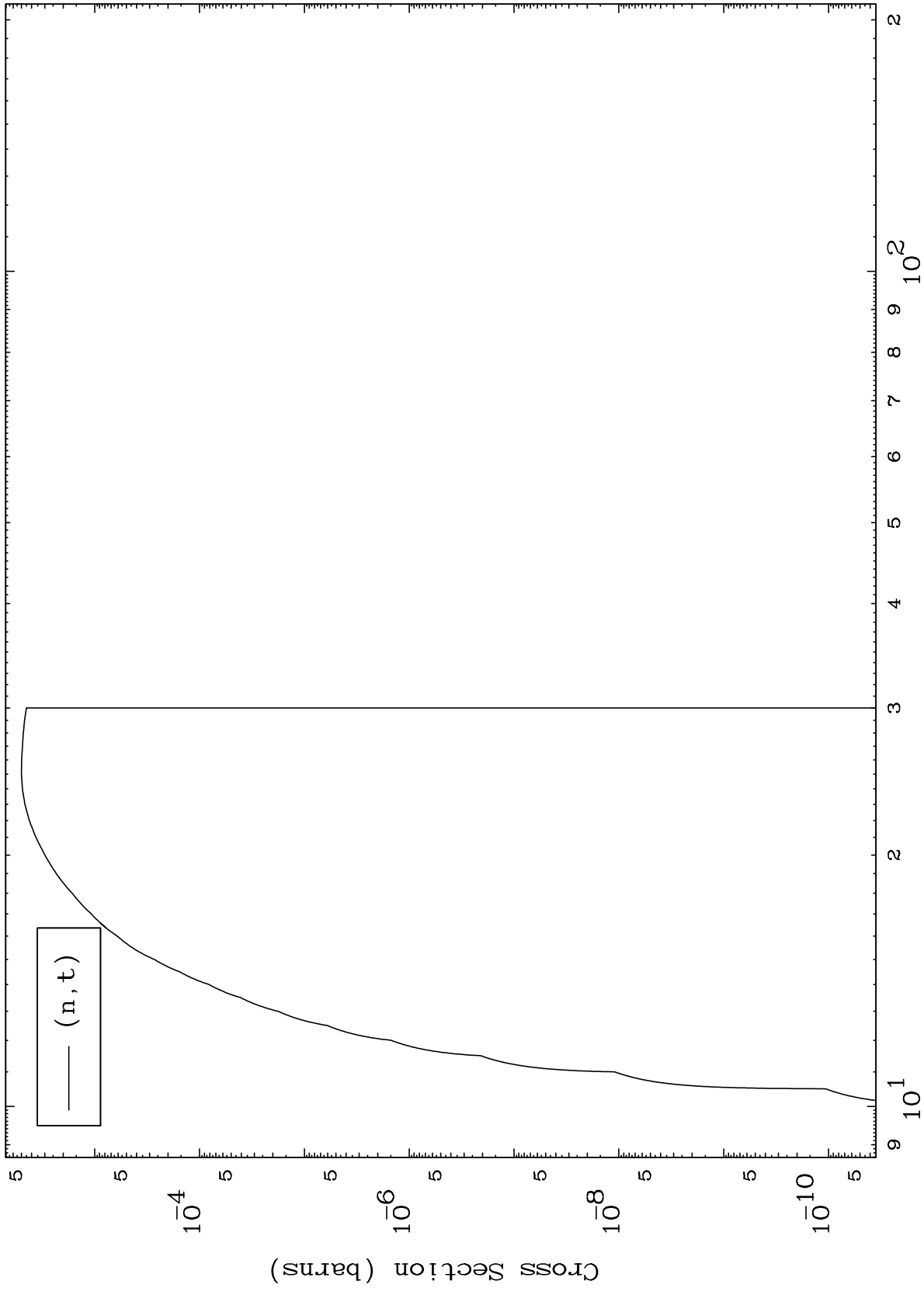
Incident Energy (MeV)

27-Co-59

MAT 2725

(n,t) Levels
293 Kelvin Cross Sections

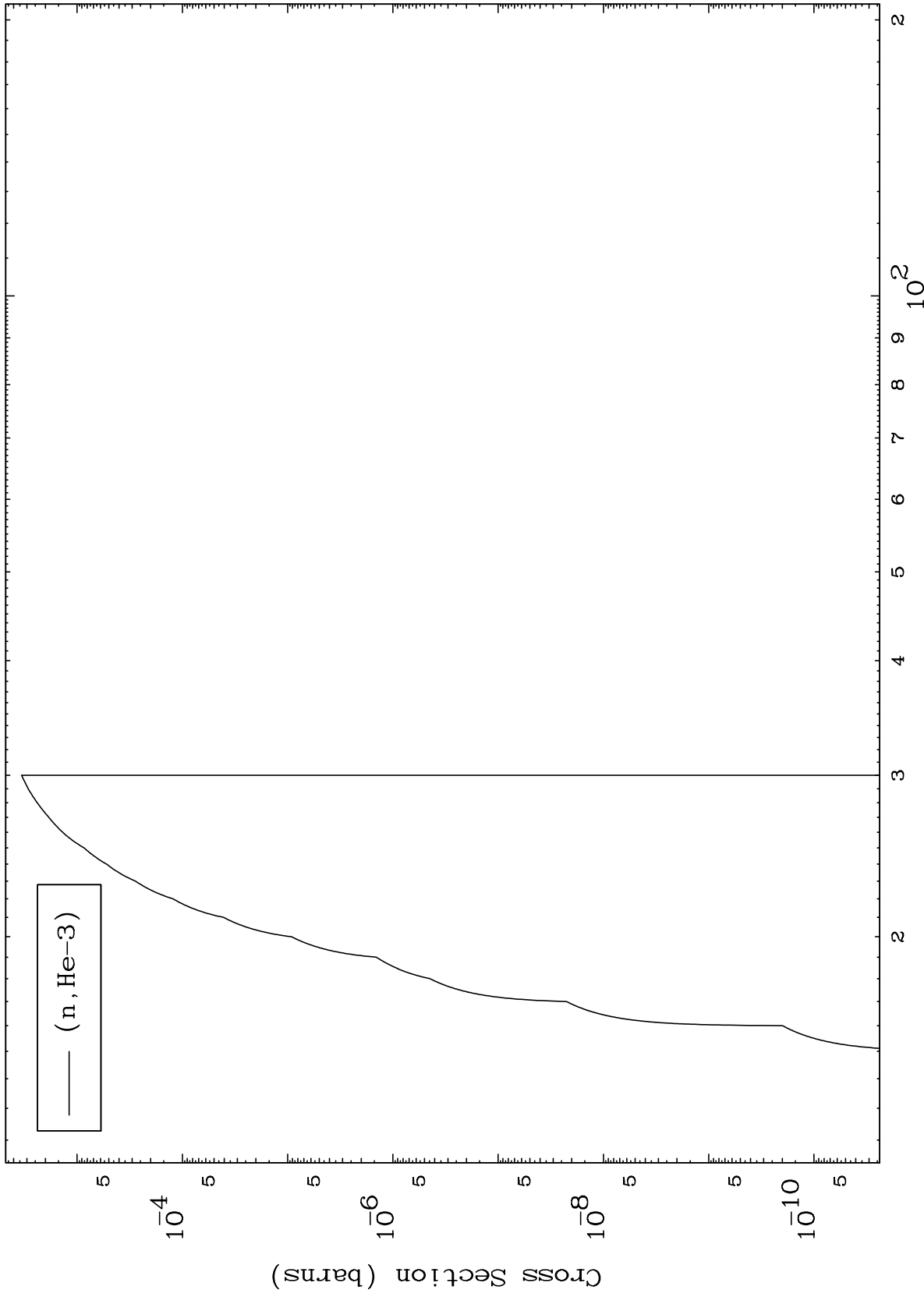
27-Co-59



11

Incident Energy (MeV)

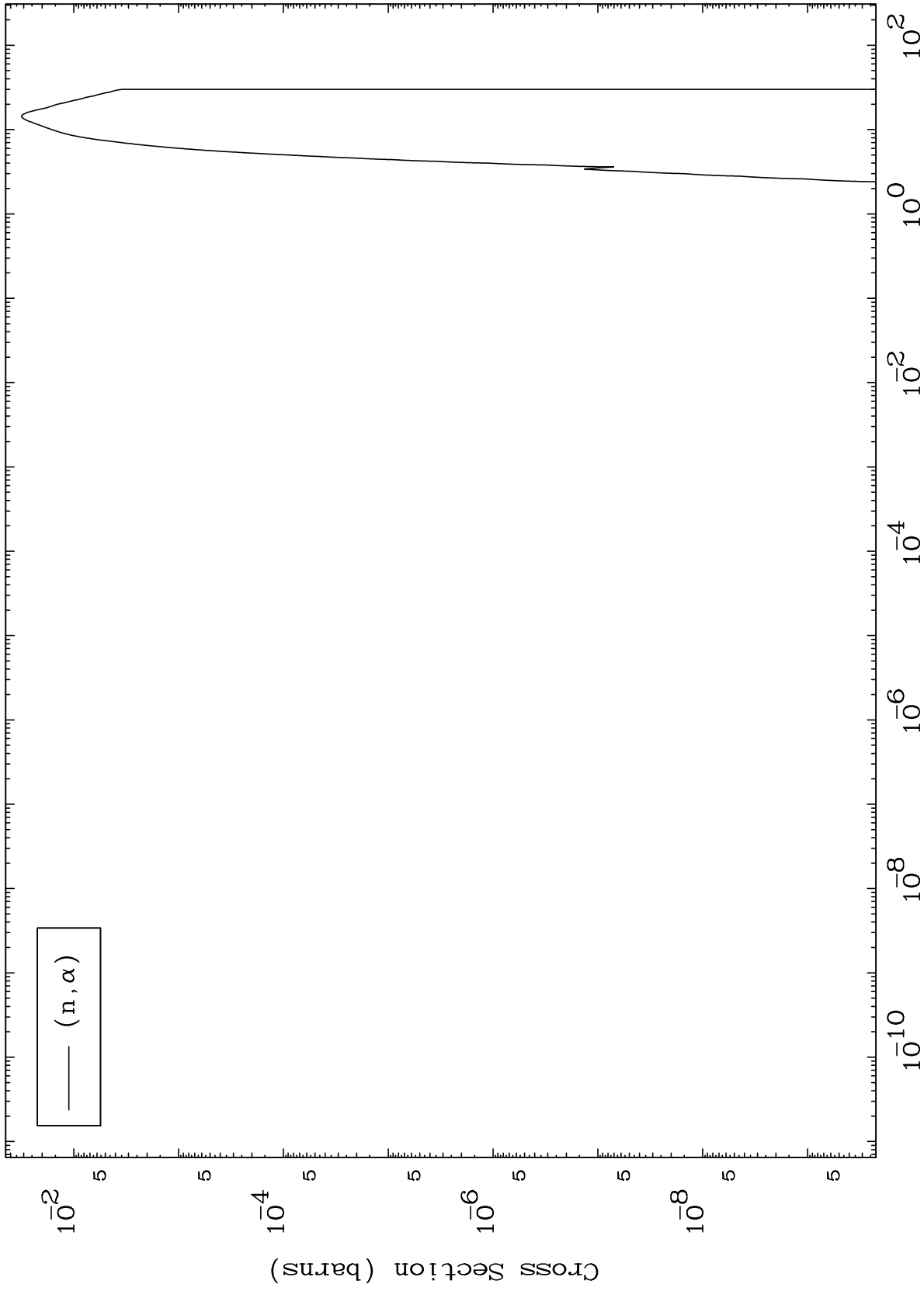
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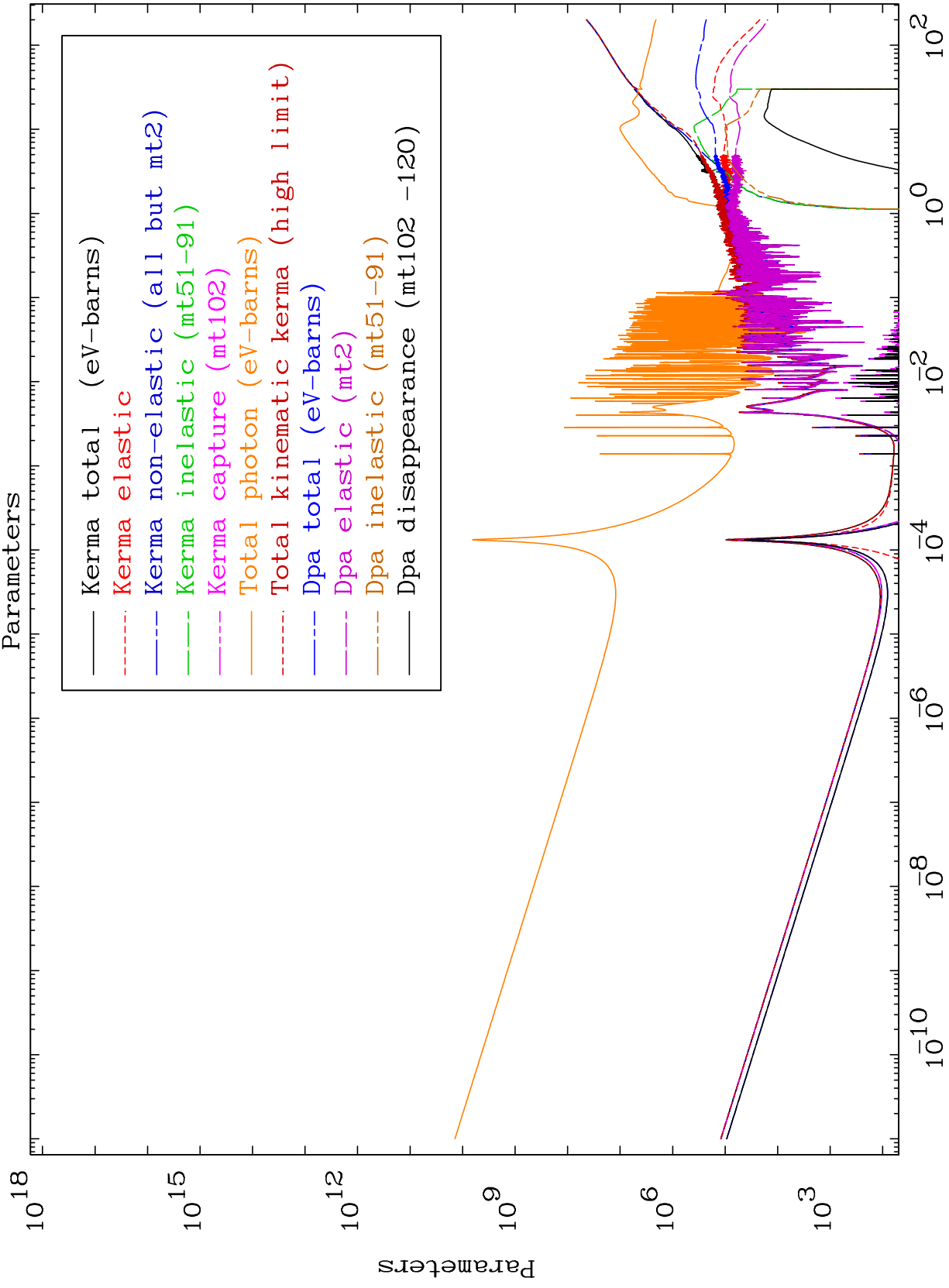


MAT 2725

(n,α) Levels
293 Kelvin Cross Sections

27-Co-59

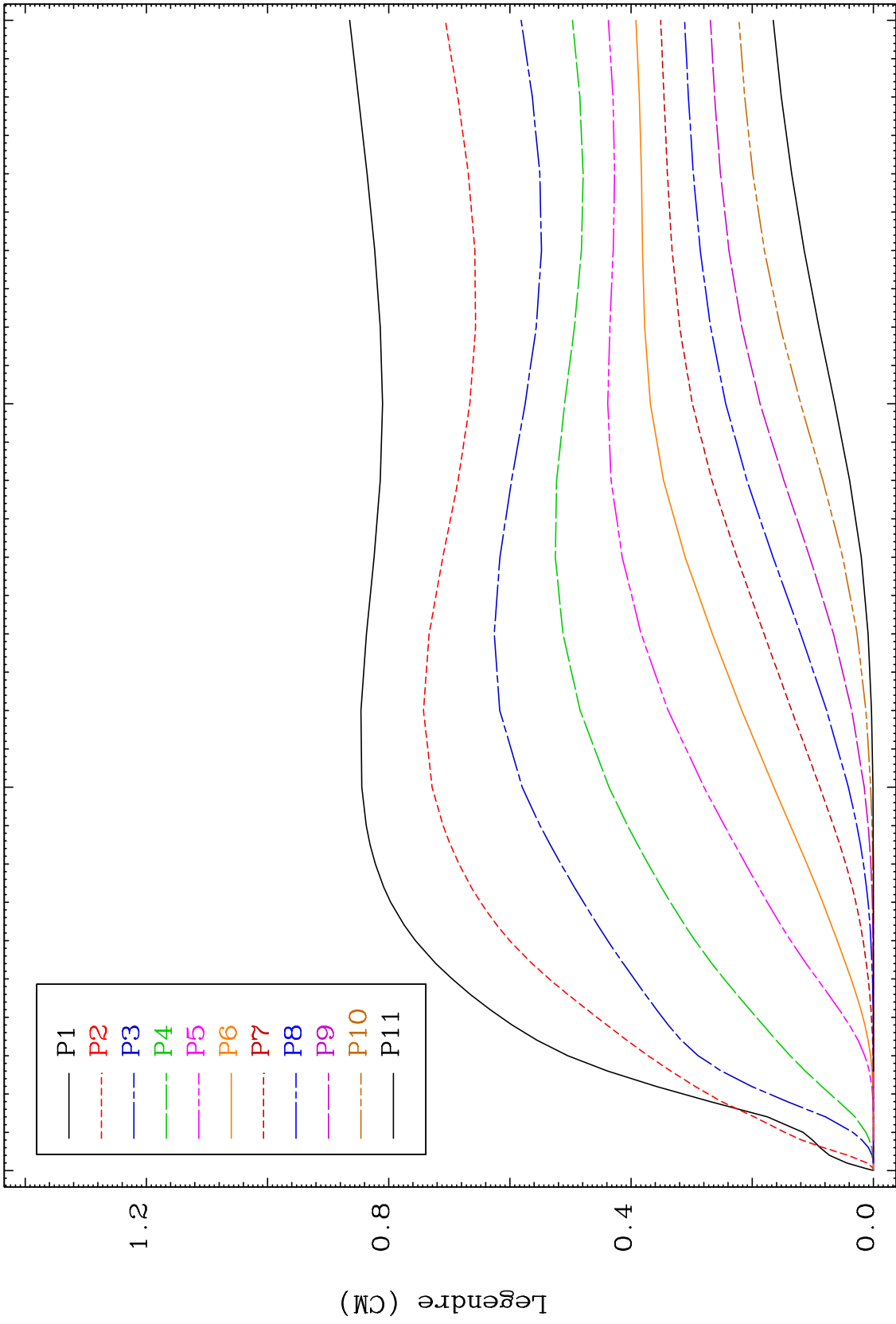




MAT 2725

Elastic Legendre Coefficients

27-Co-59



15

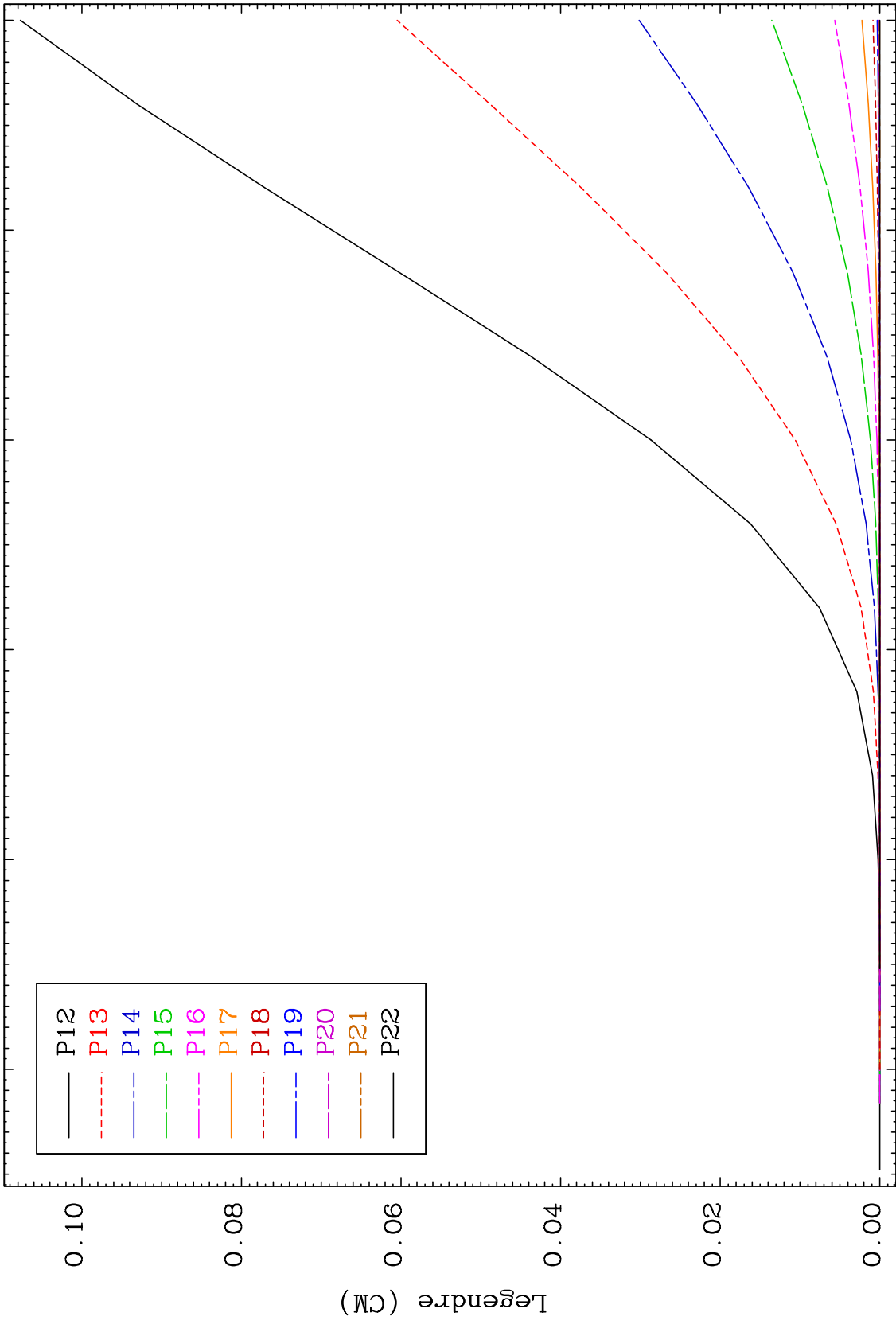
Incident Energy (MeV)

27-Co-59

MAT 2725

Elastic Legendre Coefficients

27-Co-59



16

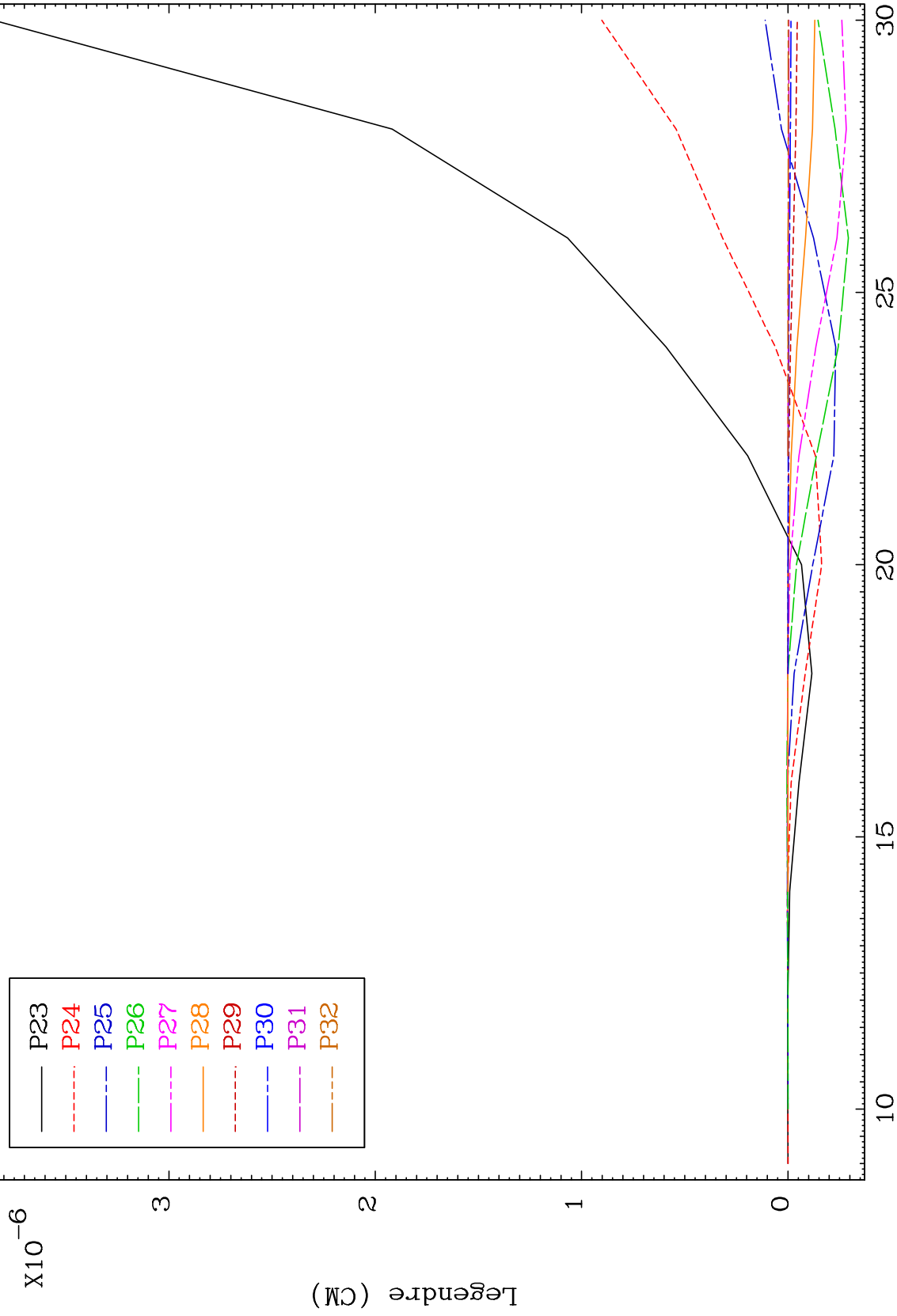
Incident Energy (MeV)

27-Co-59

MAT 2725

Elastic Legendre Coefficients

27-Co-59



17

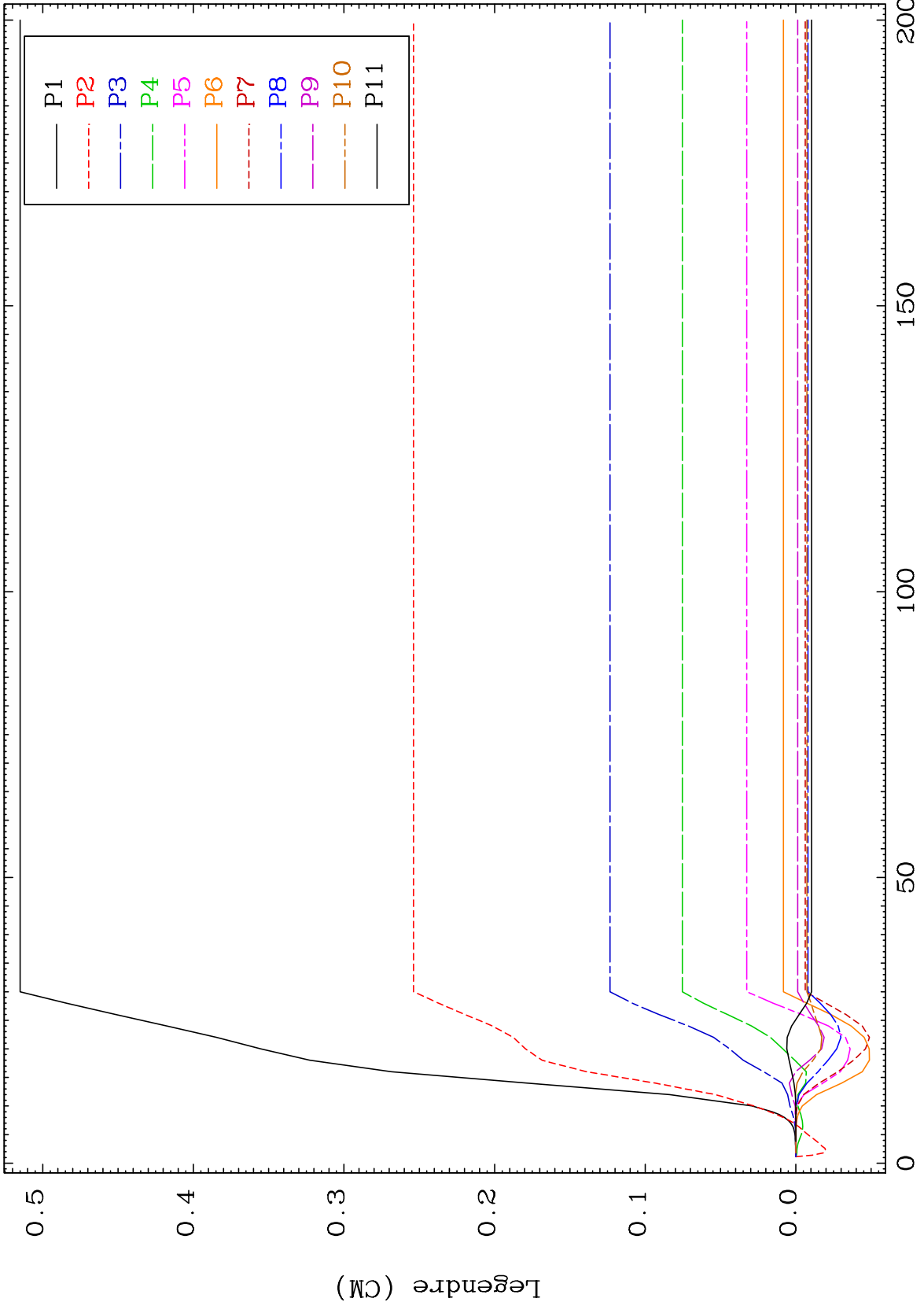
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



18

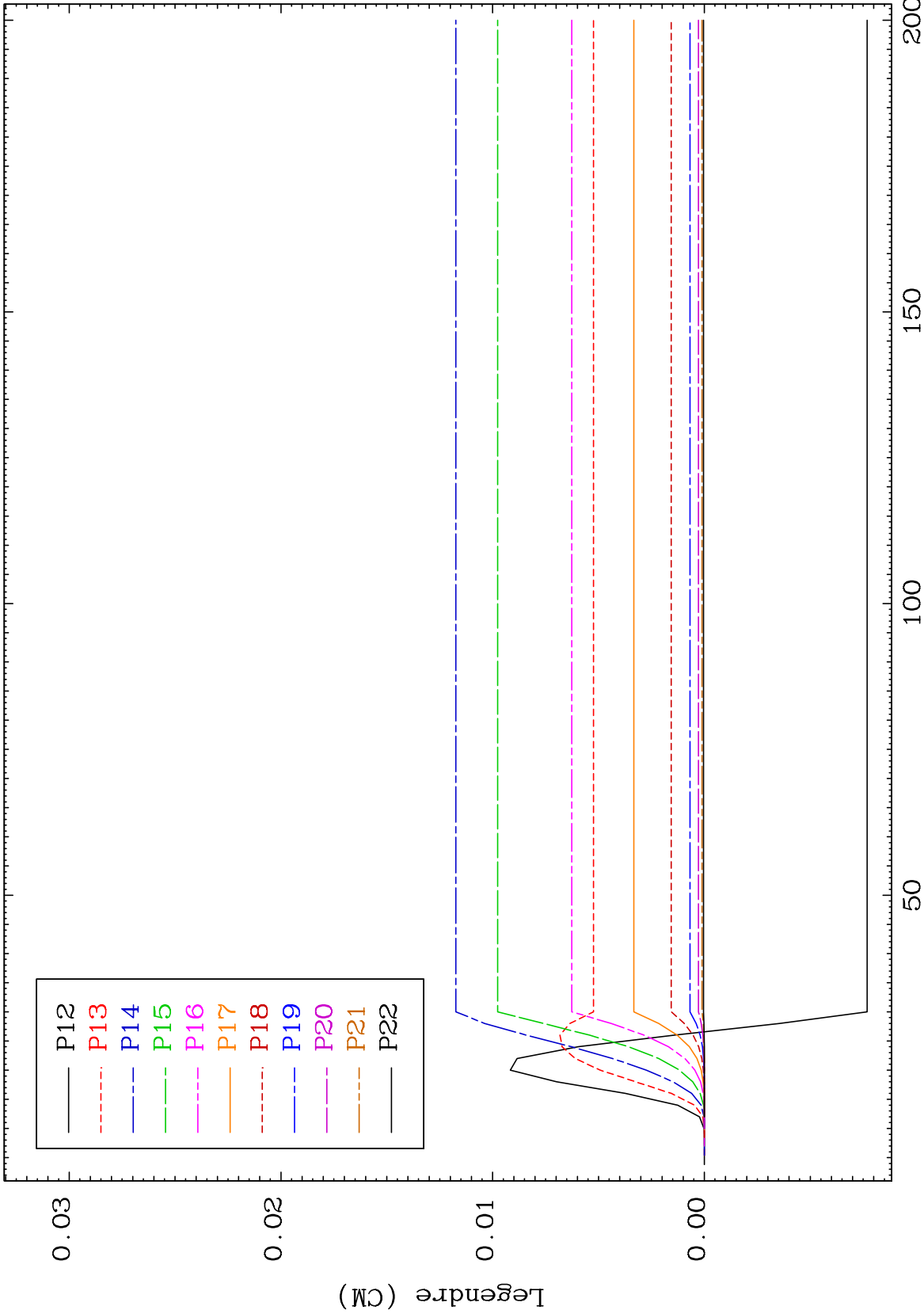
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



19

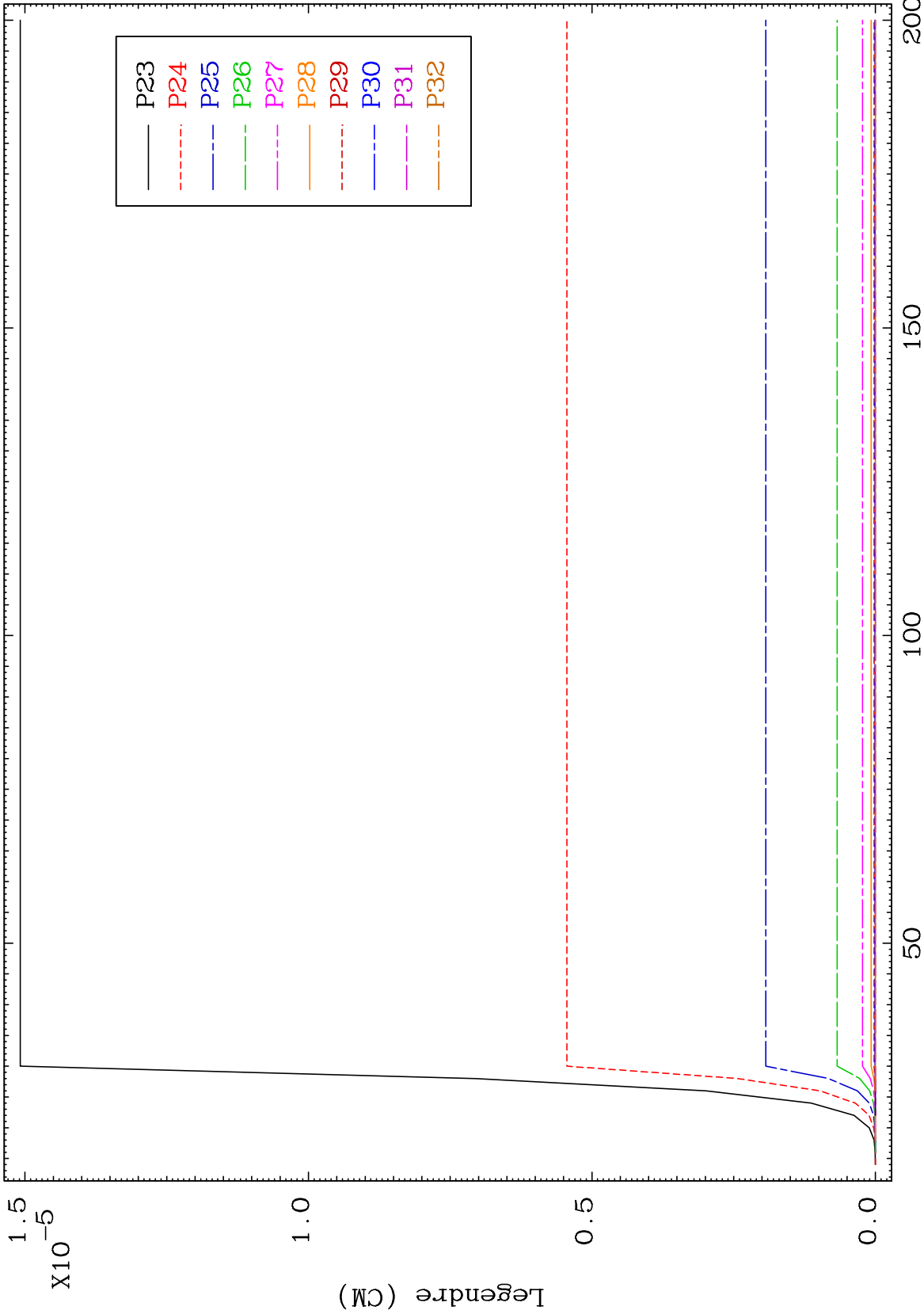
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



20

50

100

150

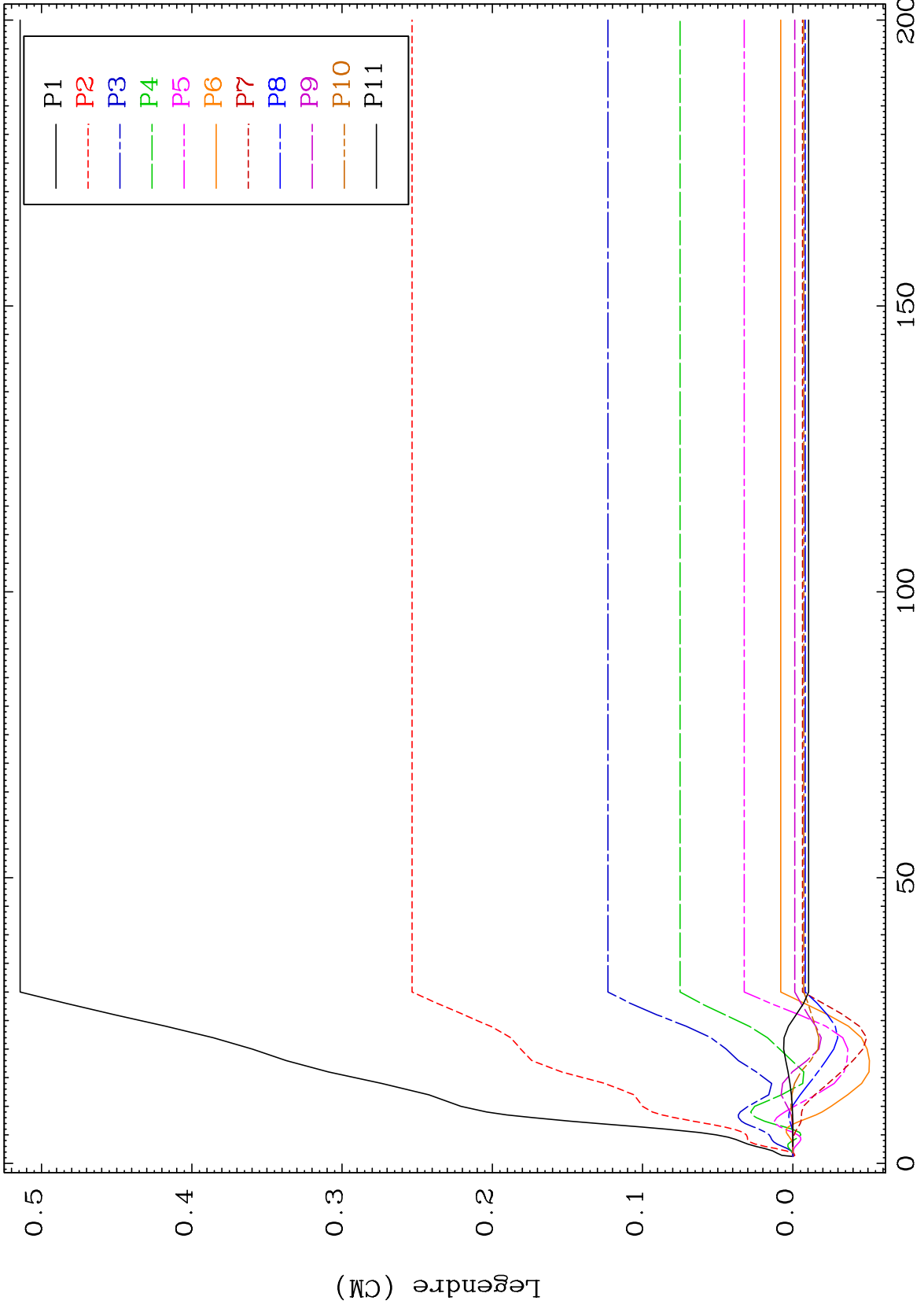
200

27-Co-59

MAT 2725

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

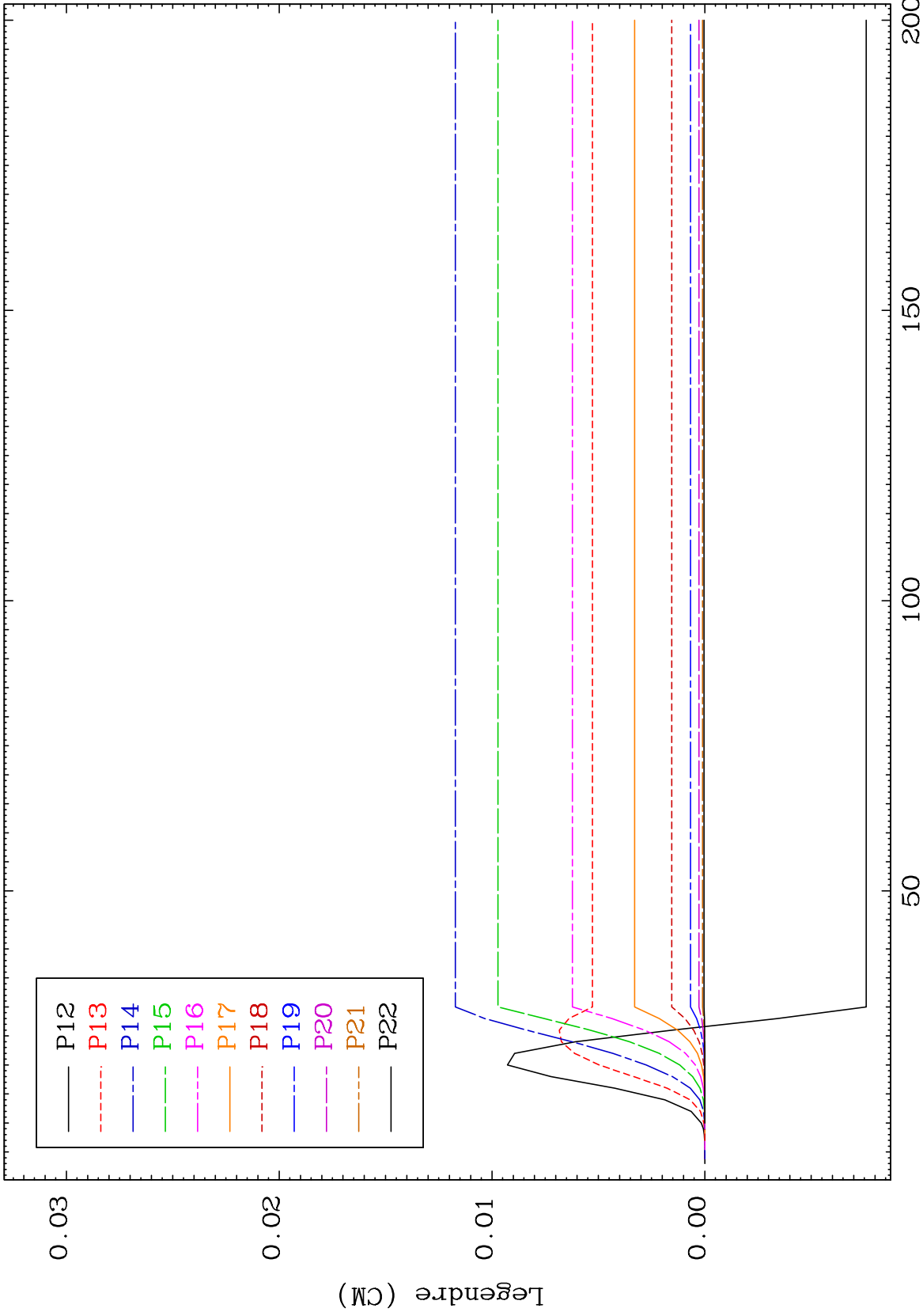
27-Co-59



21

Incident Energy (MeV)

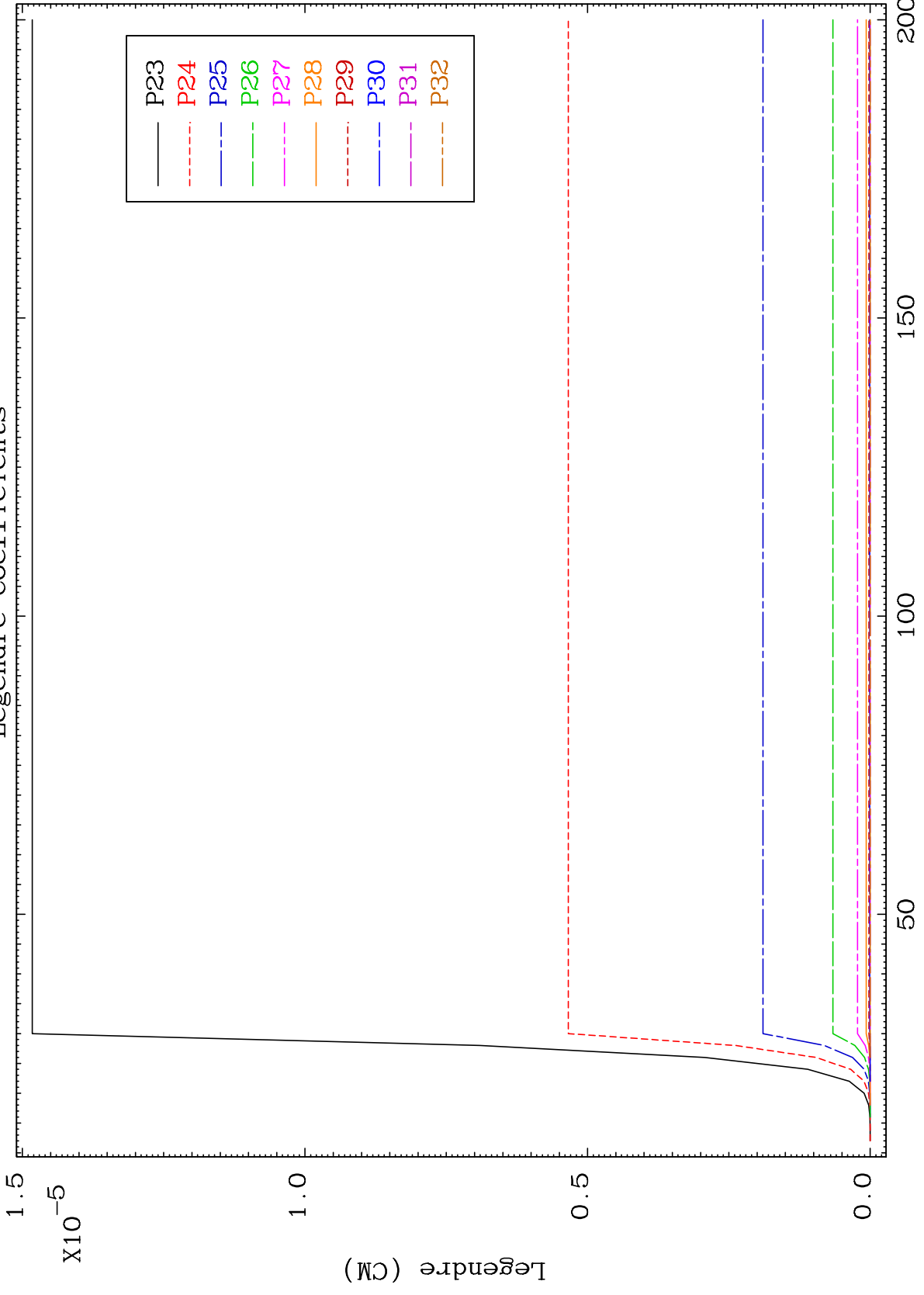
27-Co-59



MAT 2725

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

27-Co-59



23

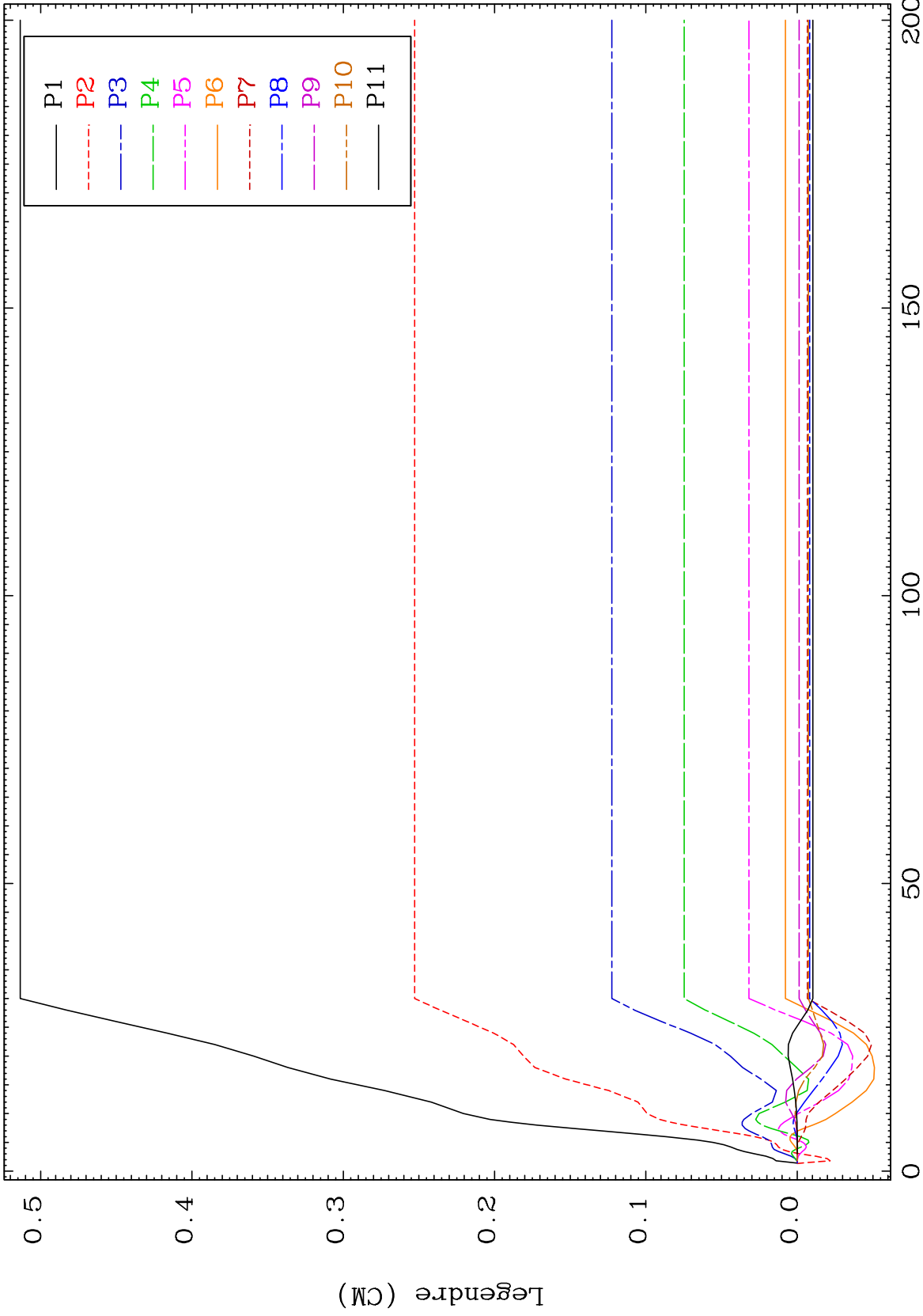
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



24

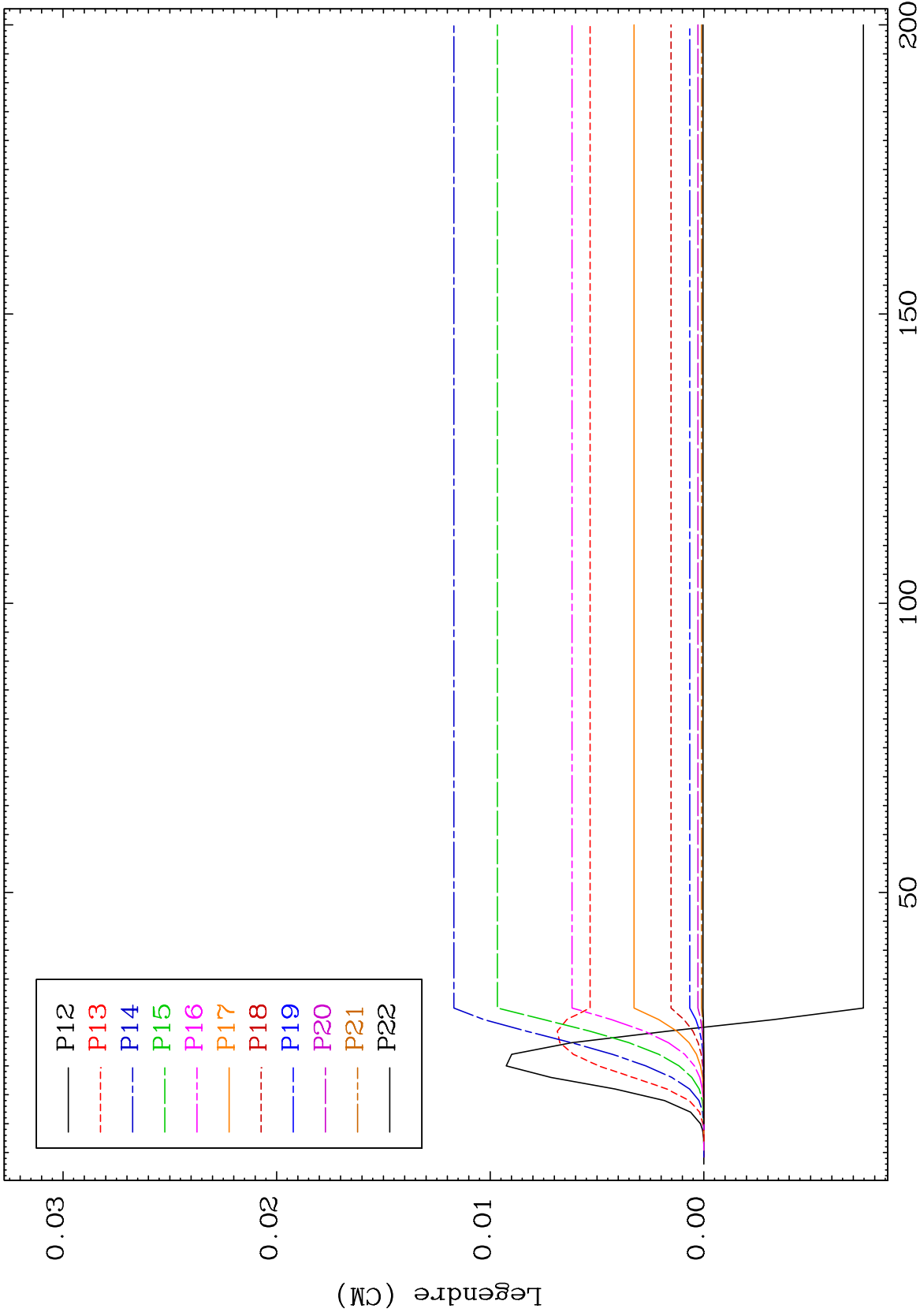
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



25

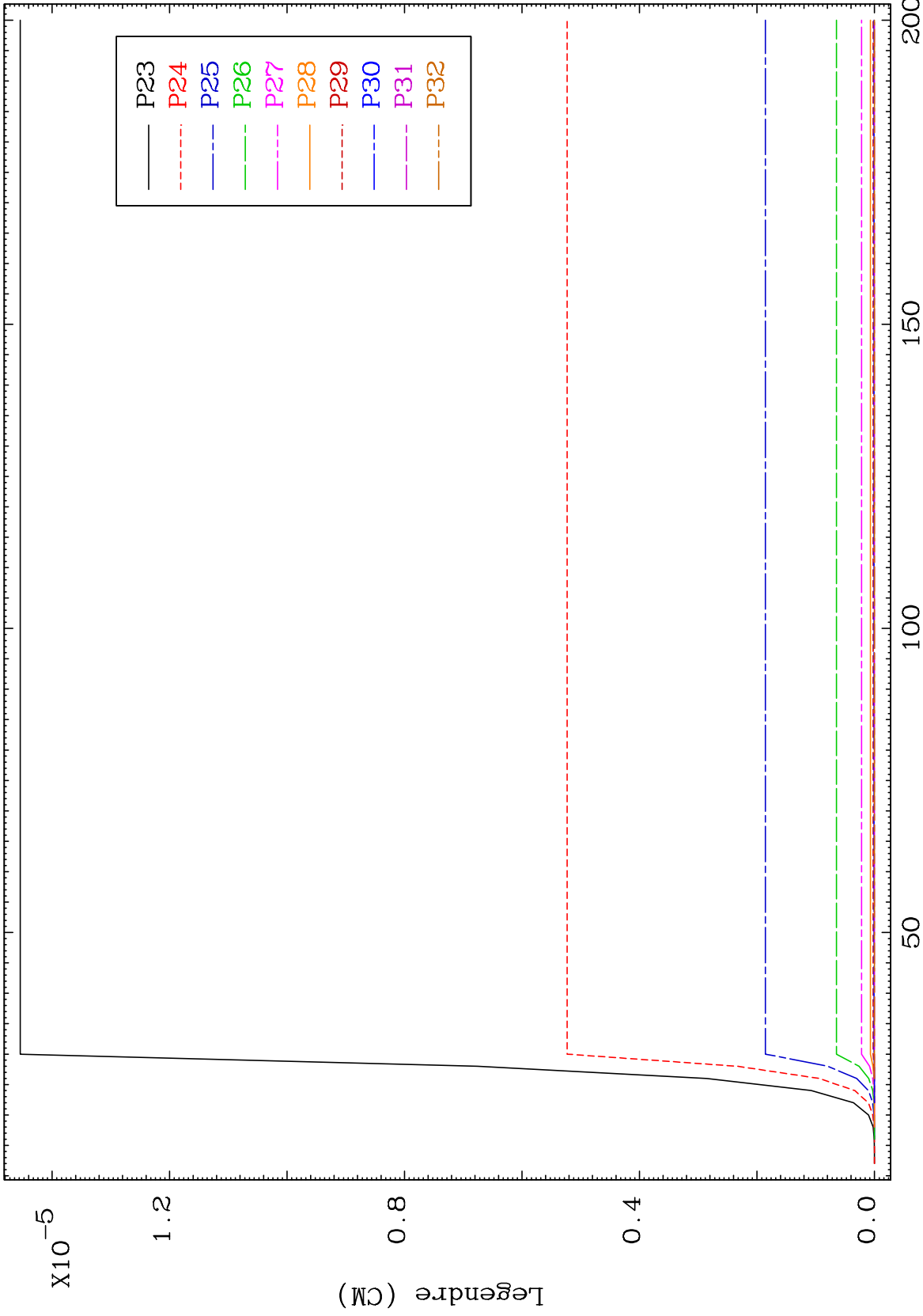
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



26

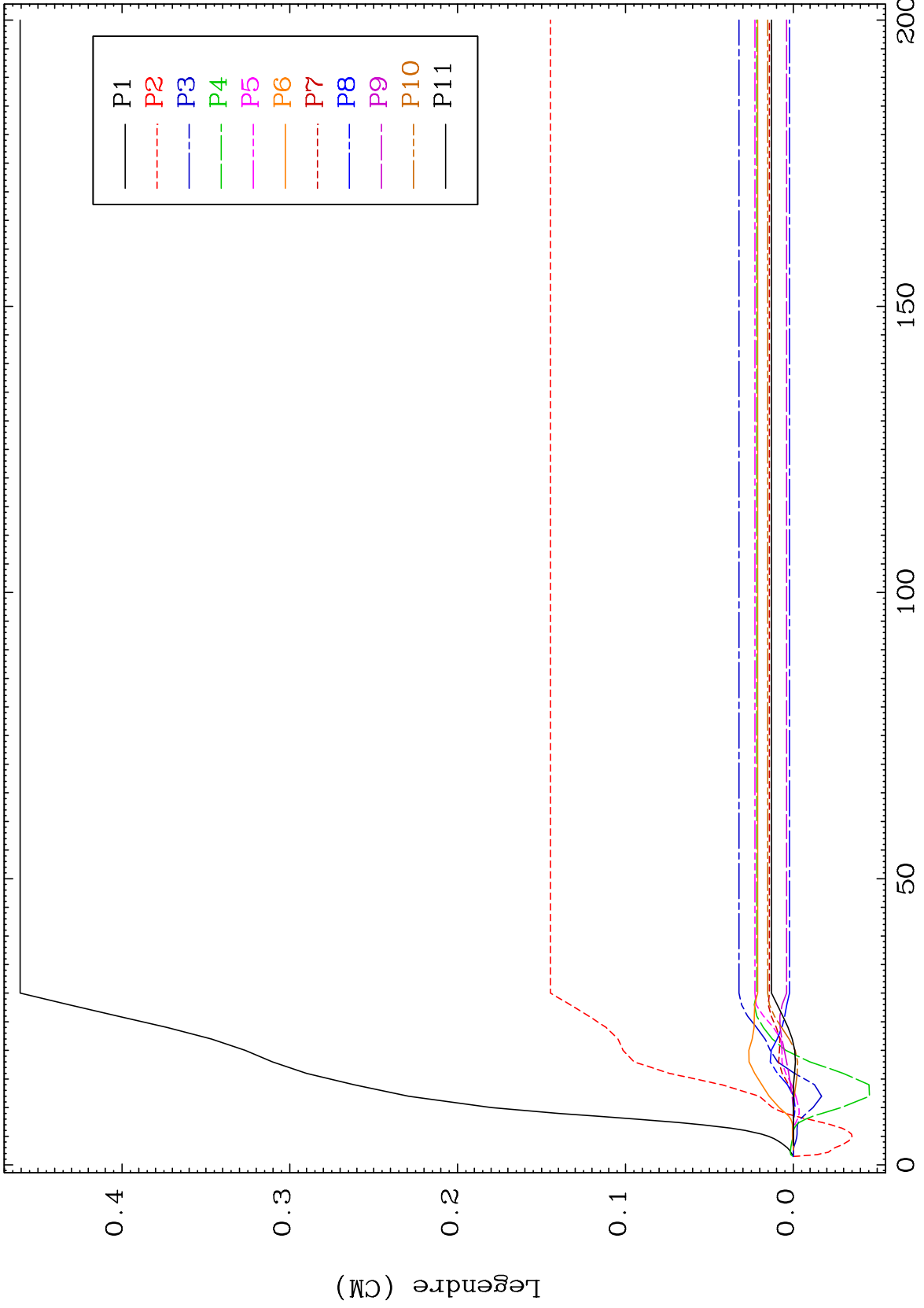
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



27

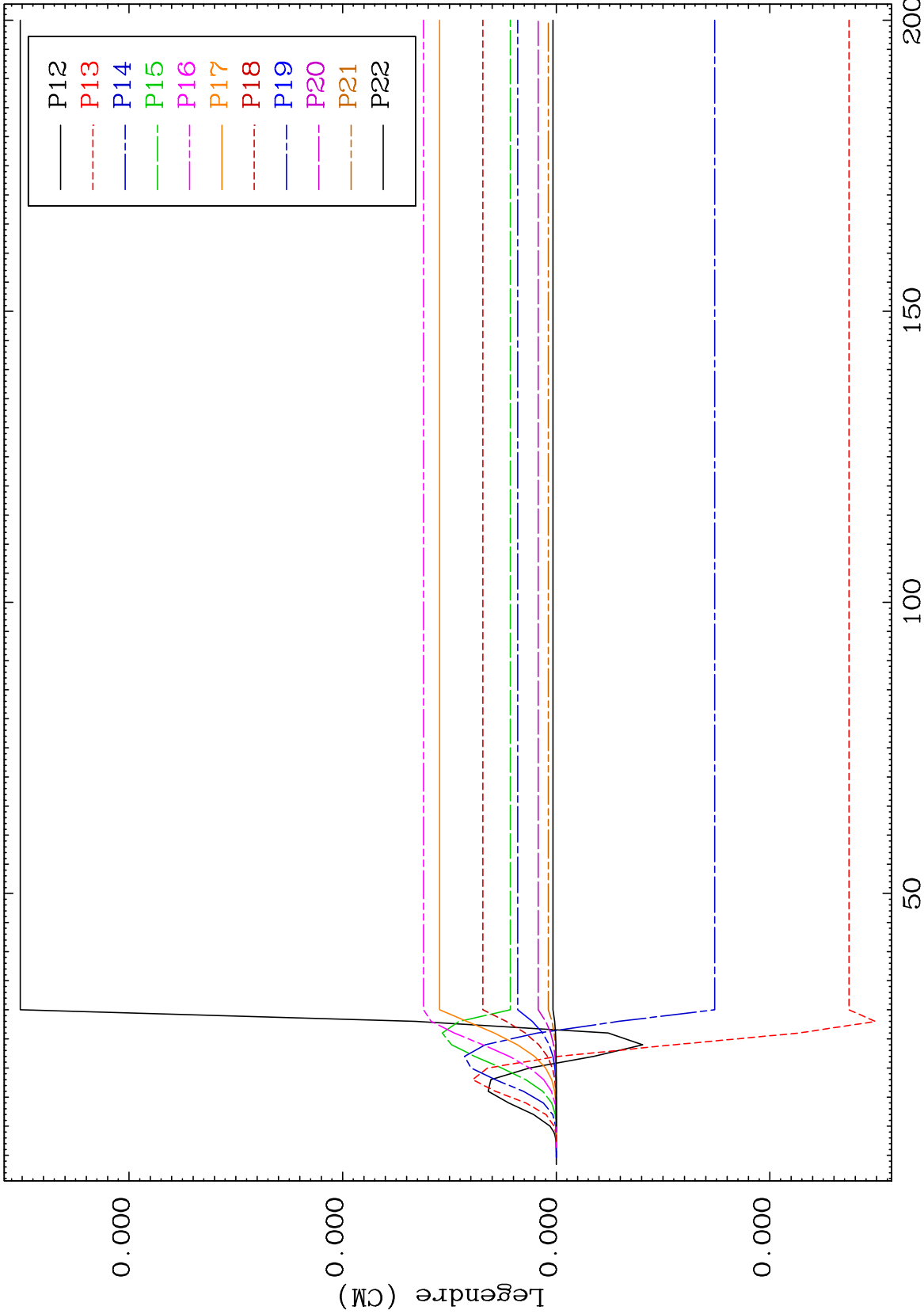
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



28

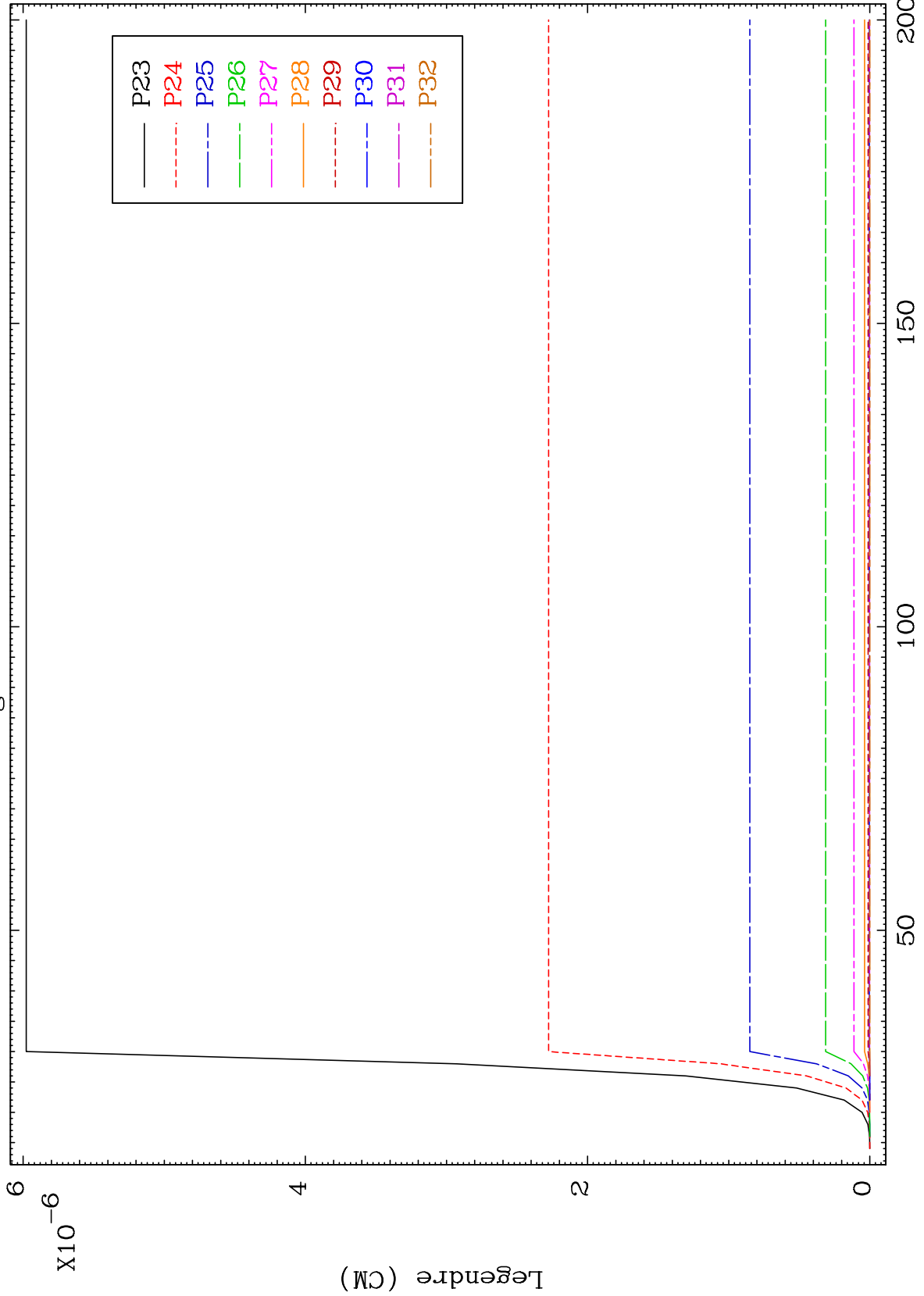
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



29

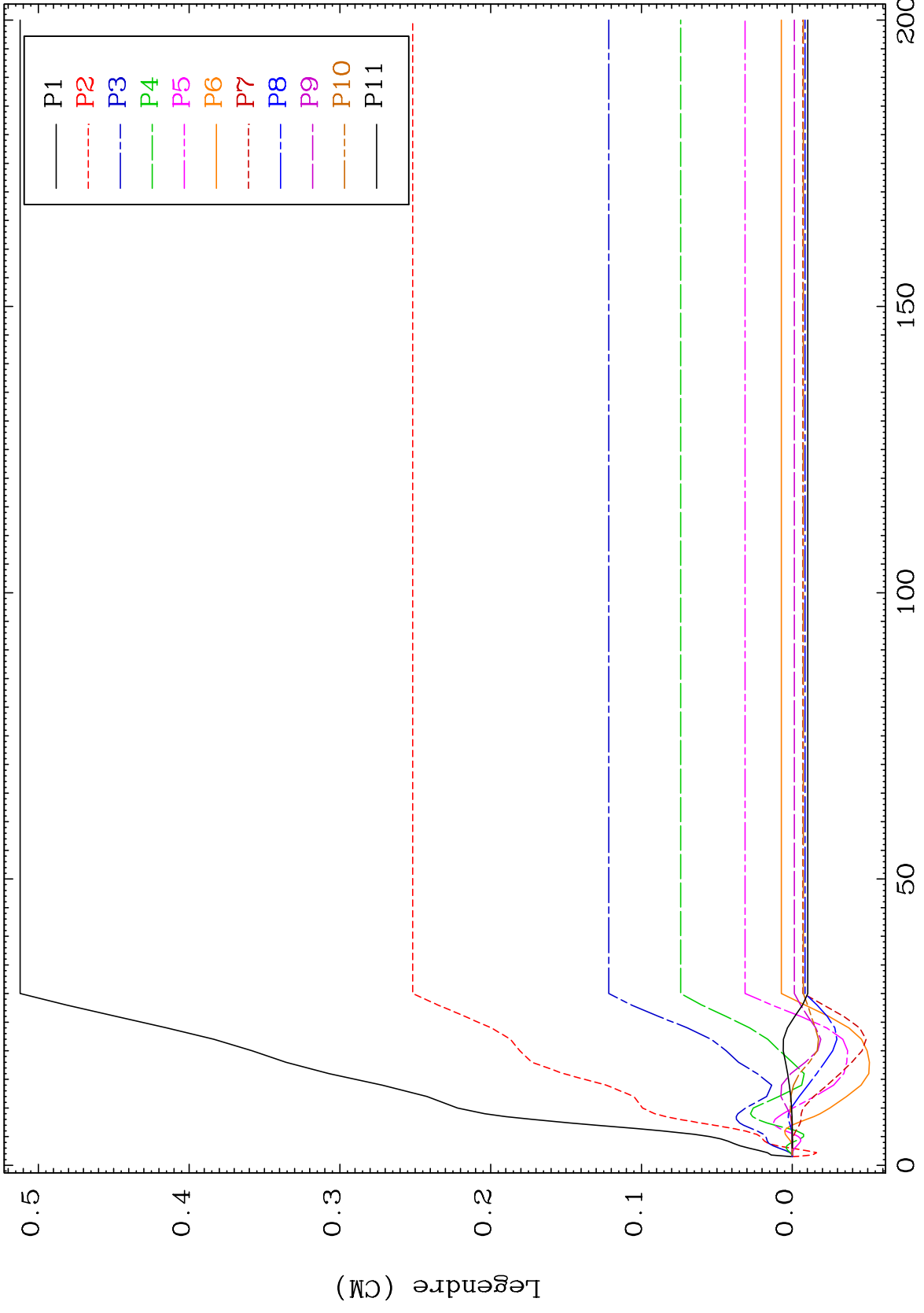
Incident Energy (MeV)

27-Co-59

MAT 2725

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

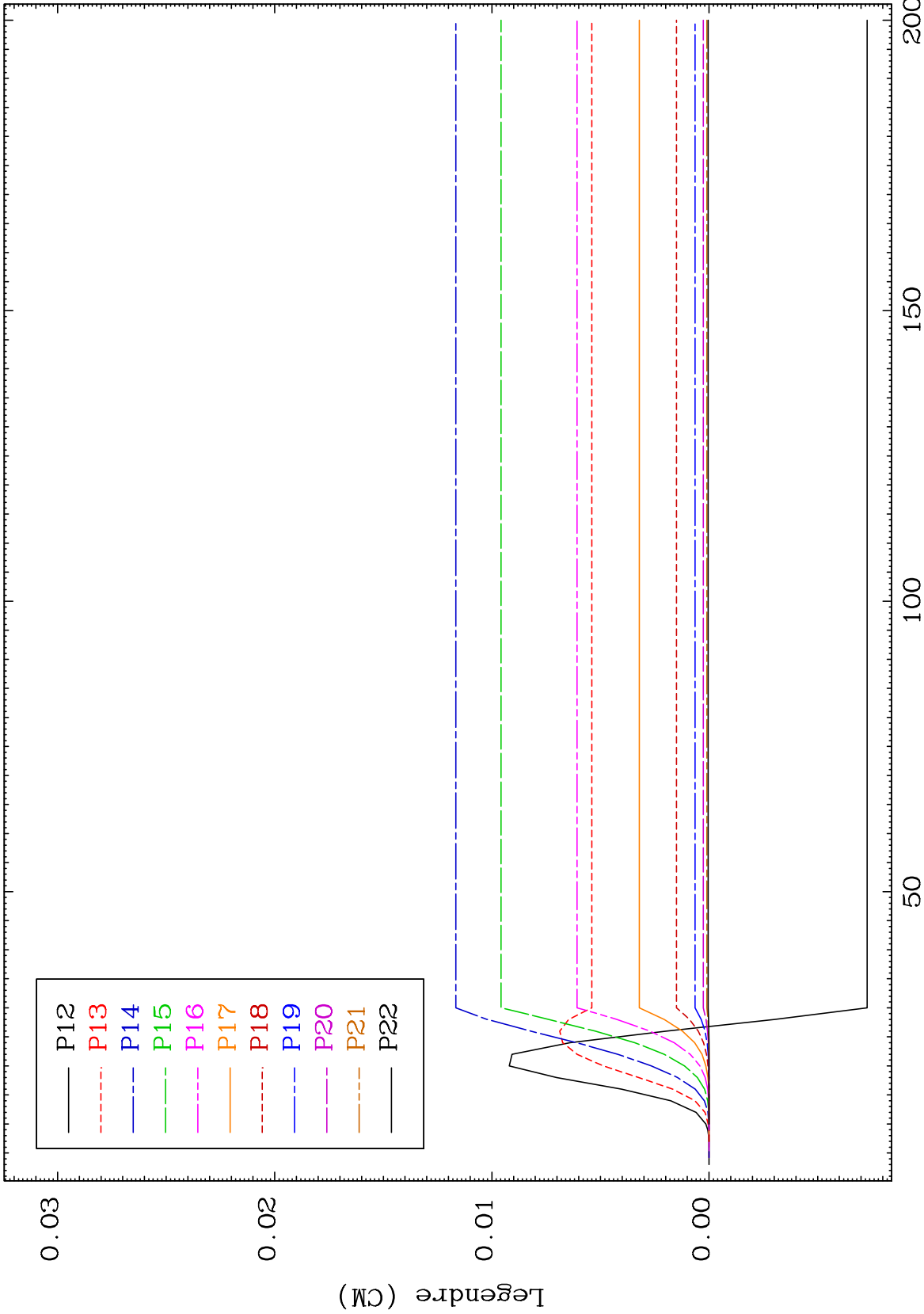
27-Co-59



27-Co-59

Incident Energy (MeV)

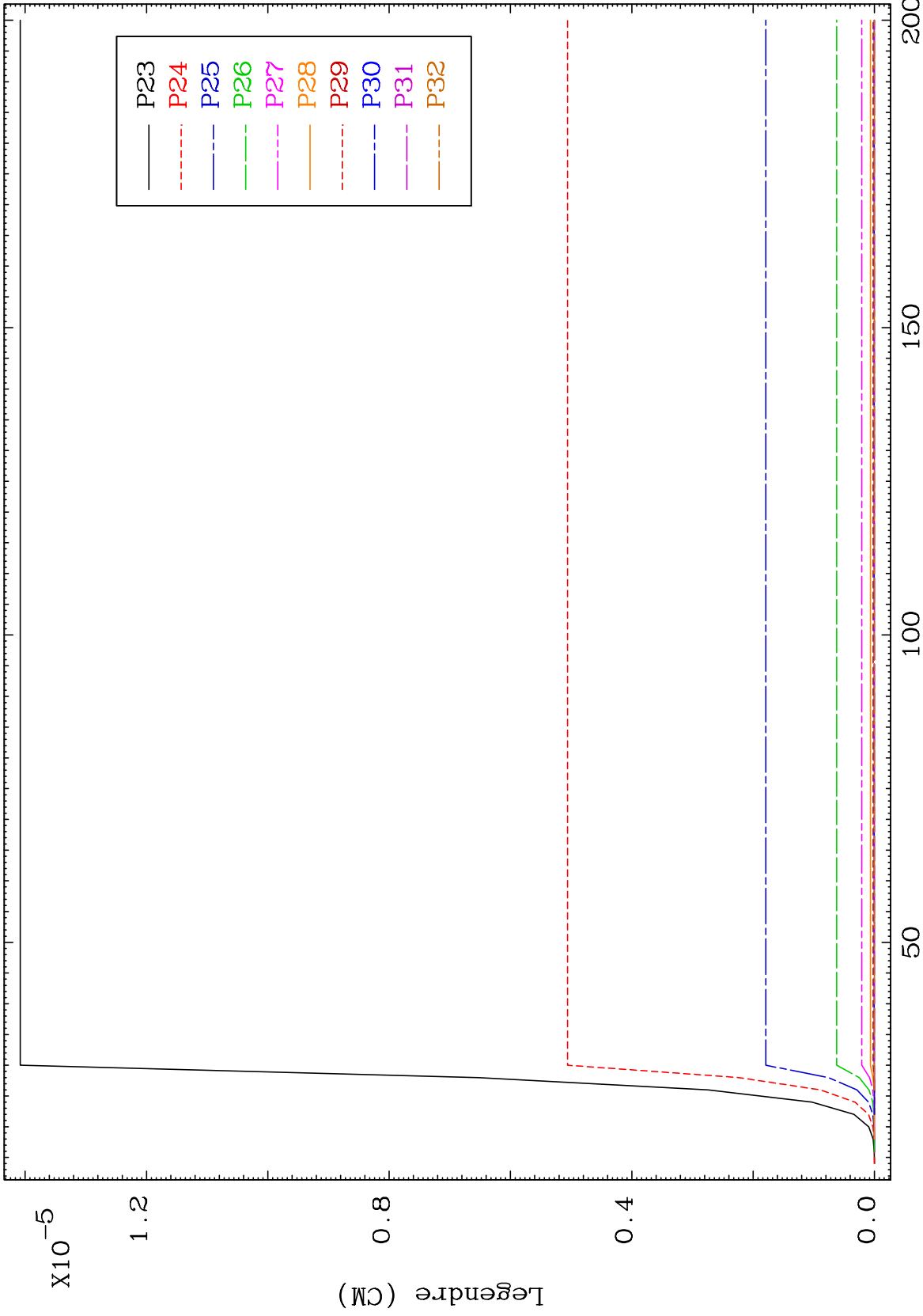
30



MAT 2725

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

27-Co-59



32

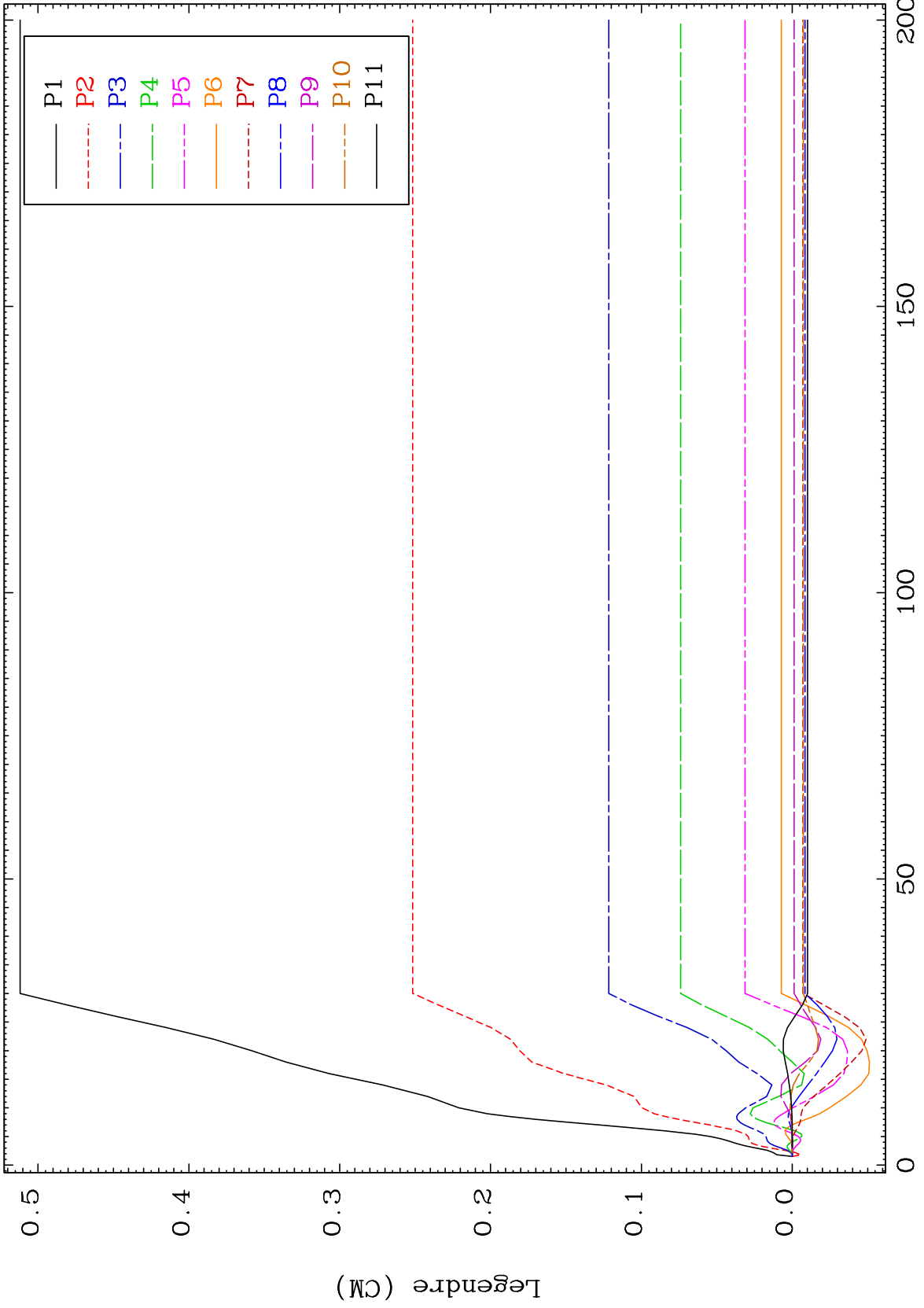
Incident Energy (MeV)

27-Co-59

MAT 2725

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

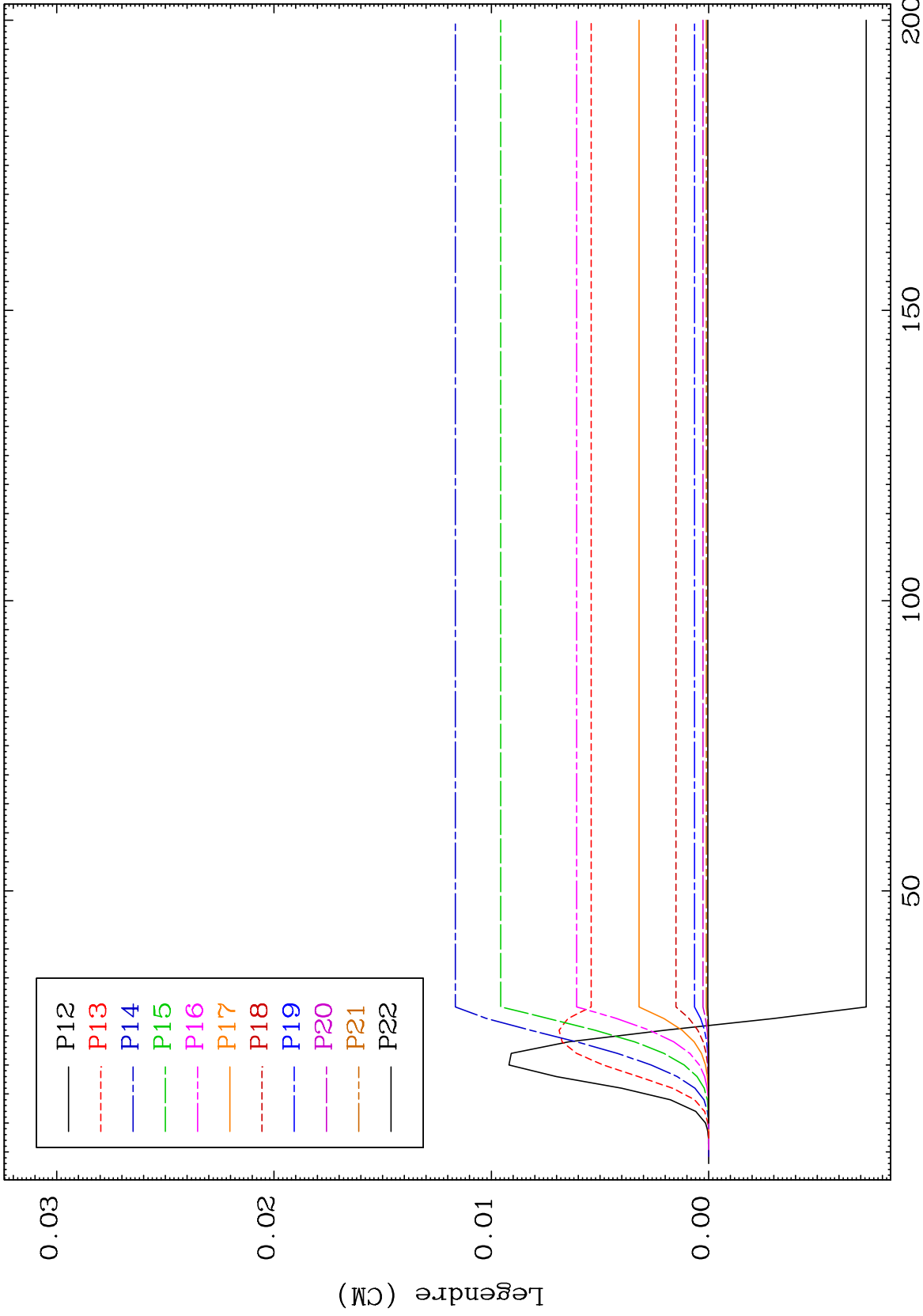
27-Co-59



33

Incident Energy (MeV)

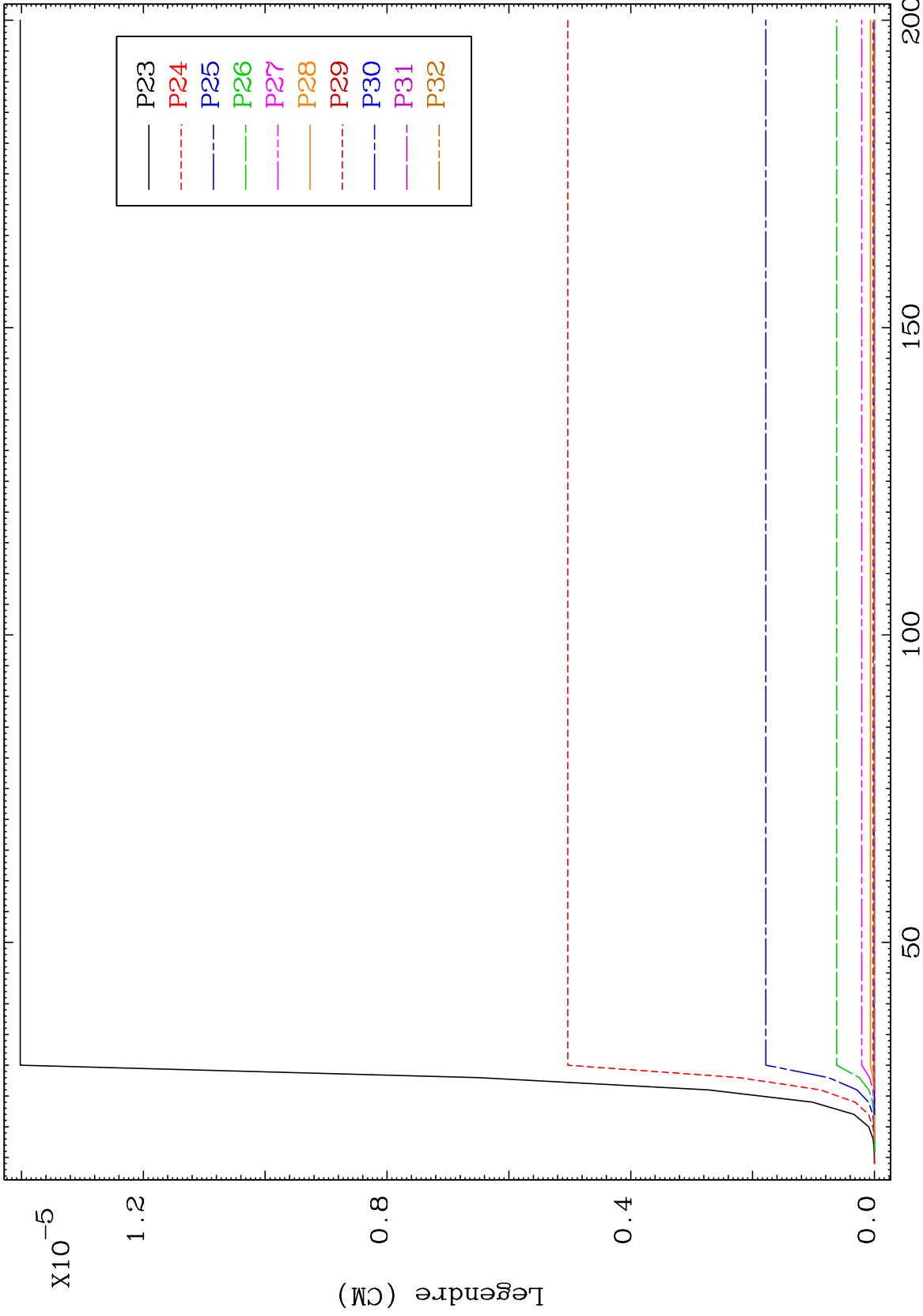
27-Co-59



MAT 2725

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

27-Co-59



35

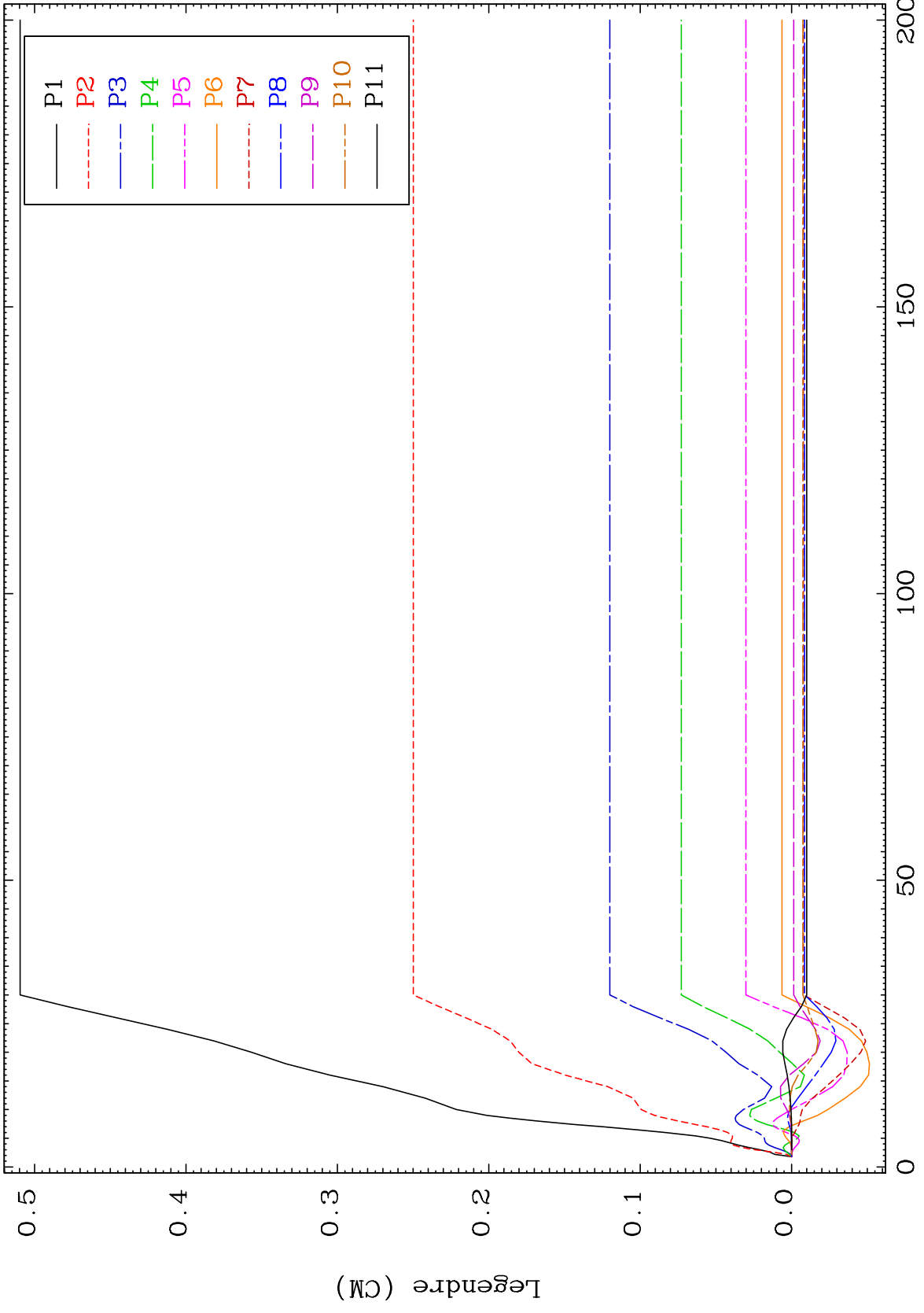
Incident Energy (MeV)

27-Co-59

MAT 2725

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

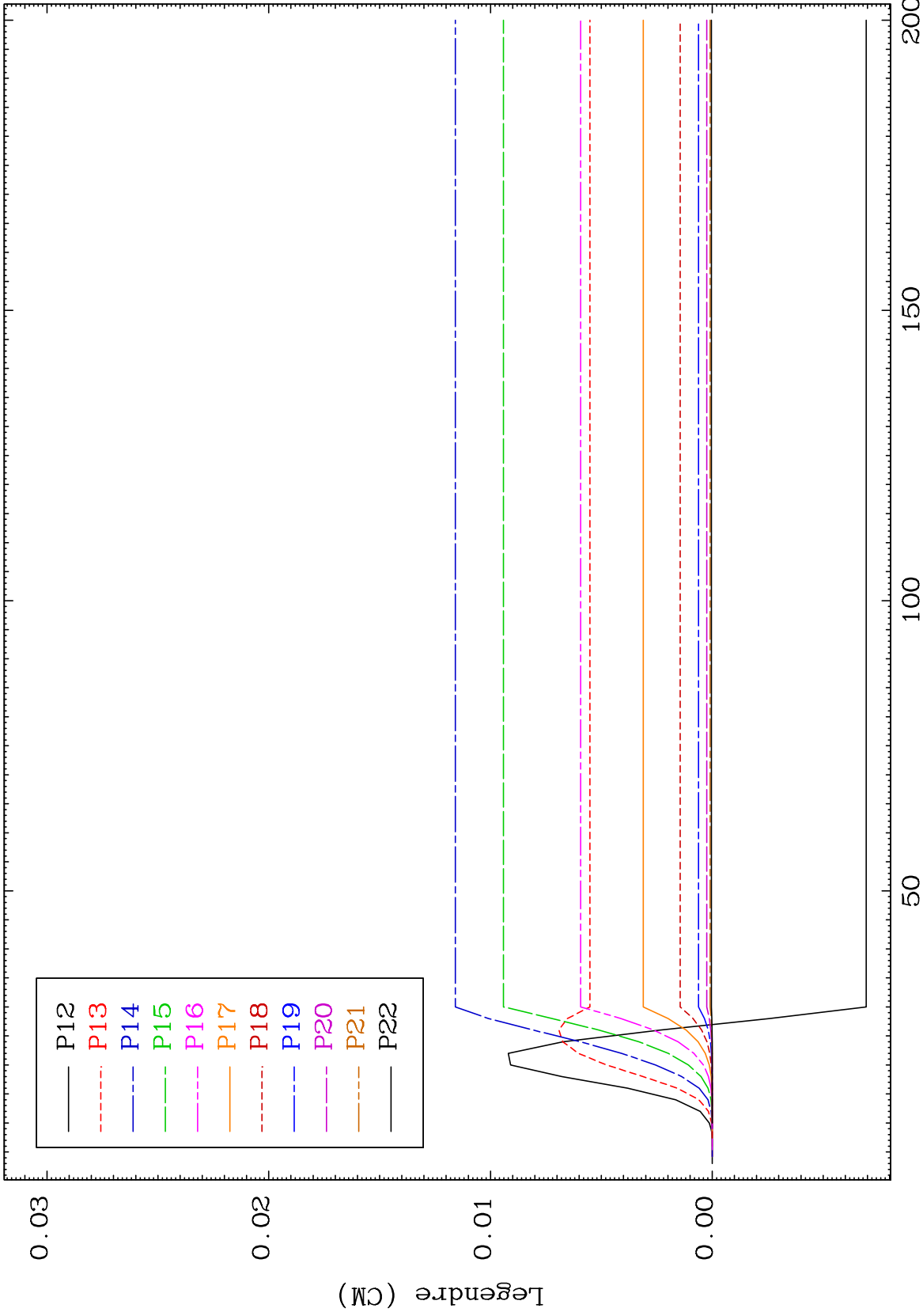
27-Co-59



36

Incident Energy (MeV)

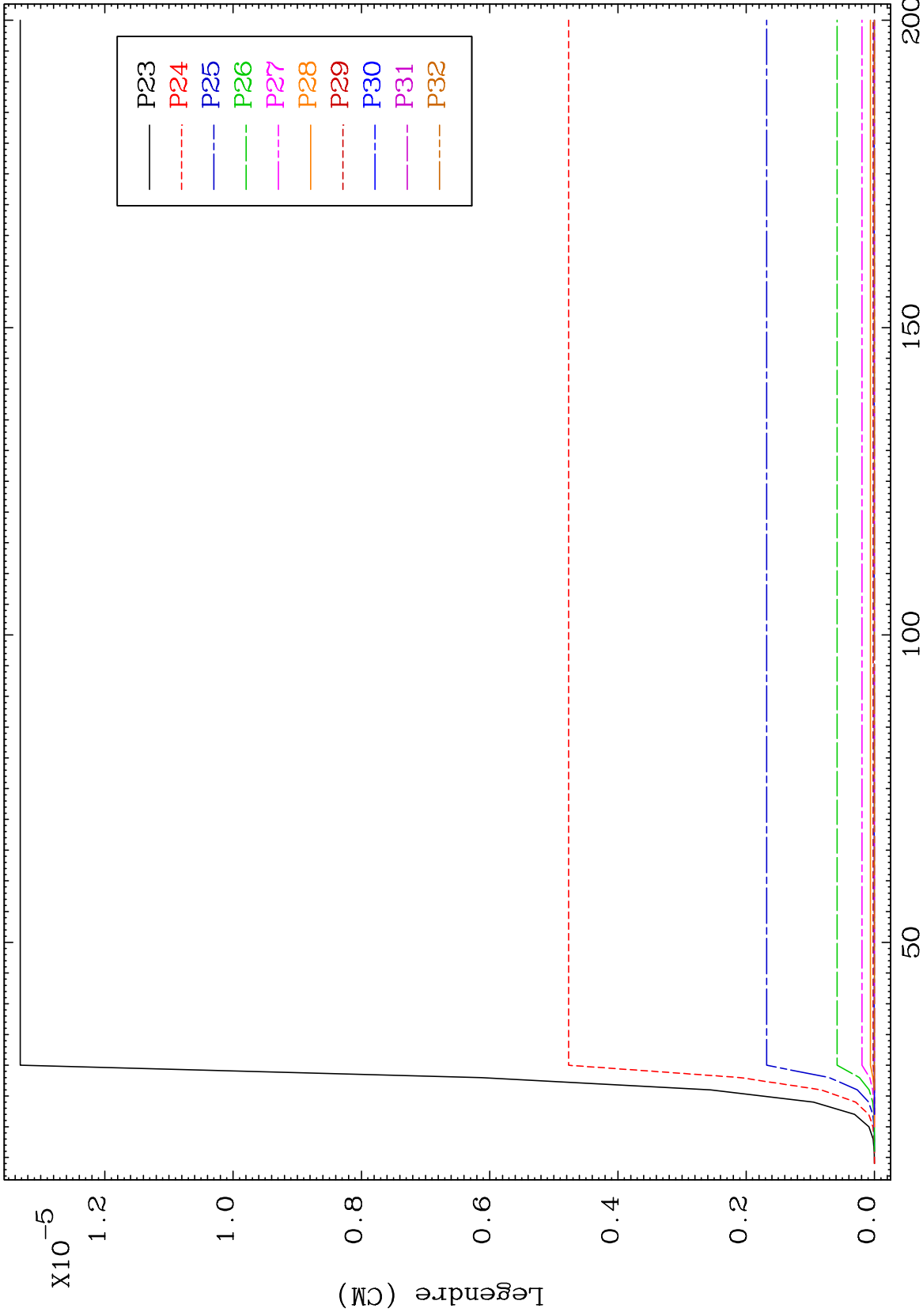
27-Co-59



MAT 2725

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

27-Co-59



38

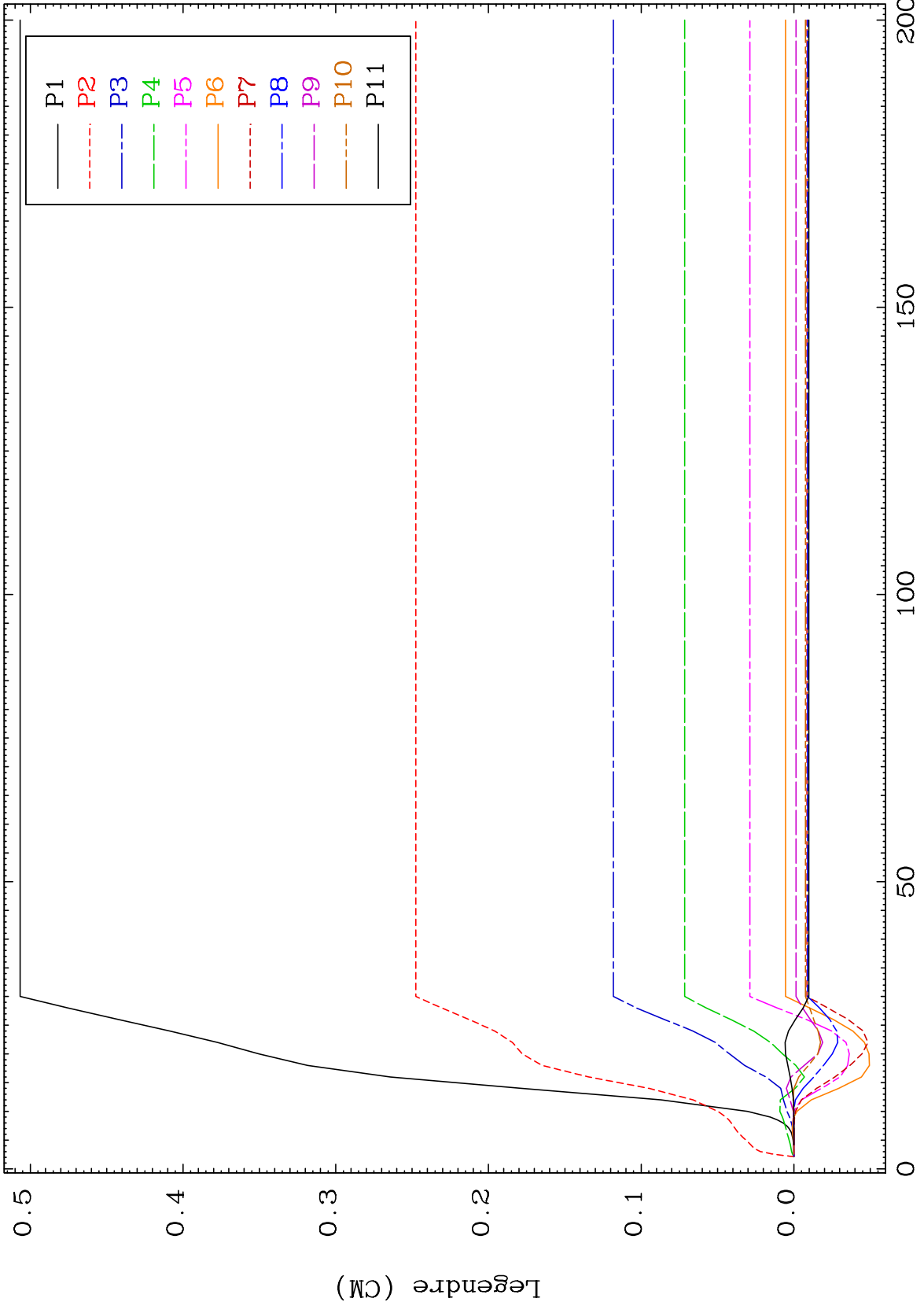
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



39

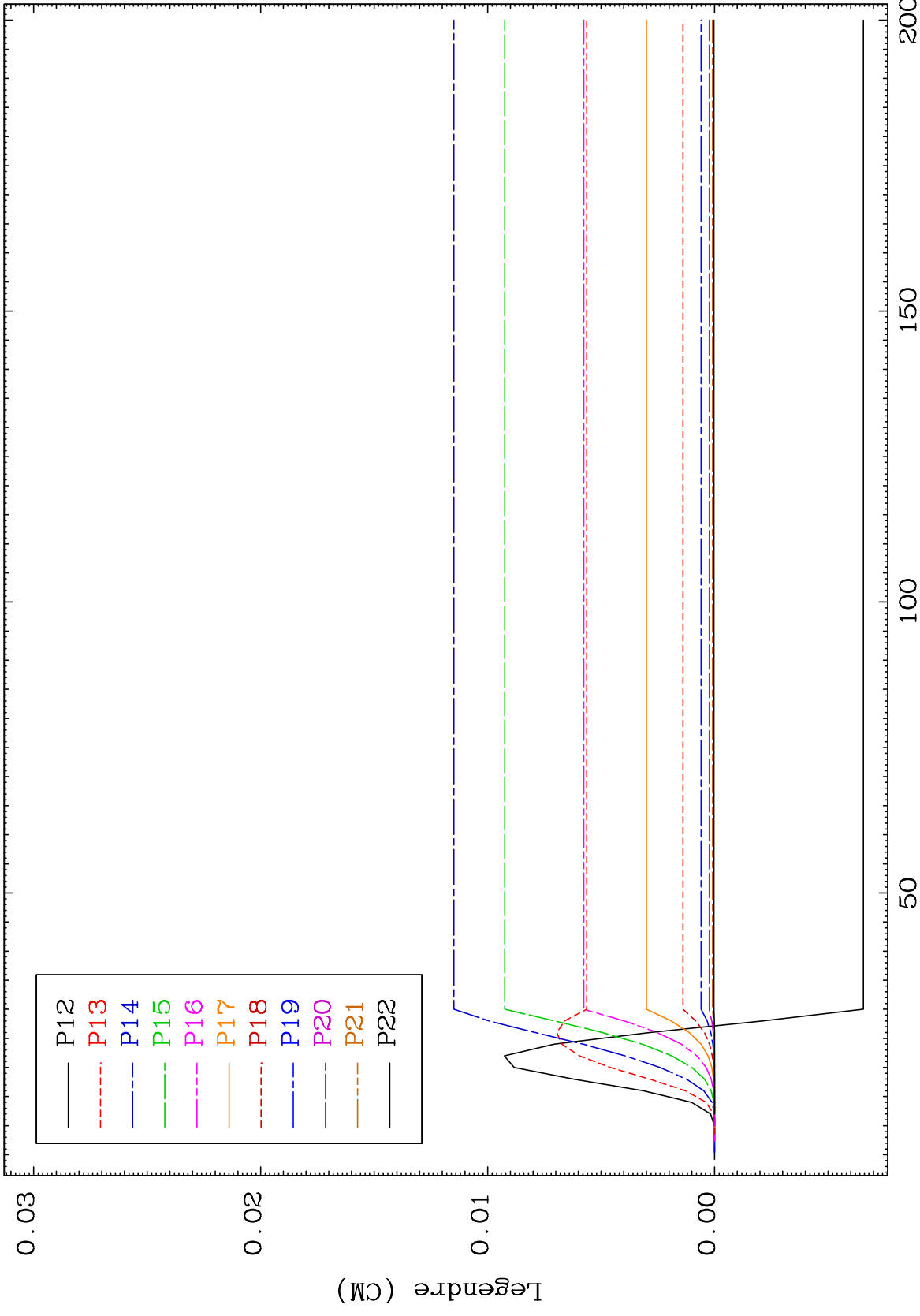
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



40

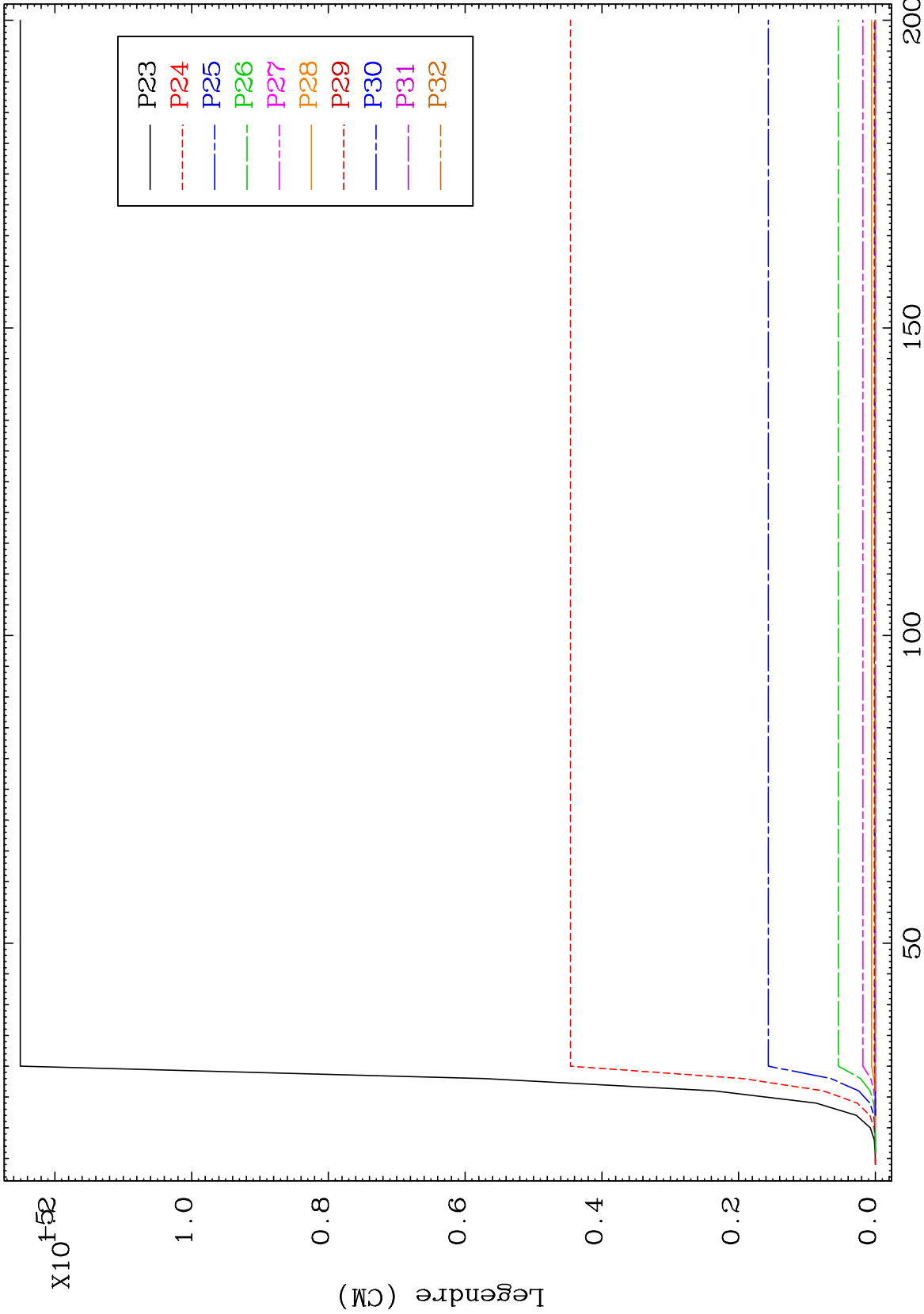
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



41

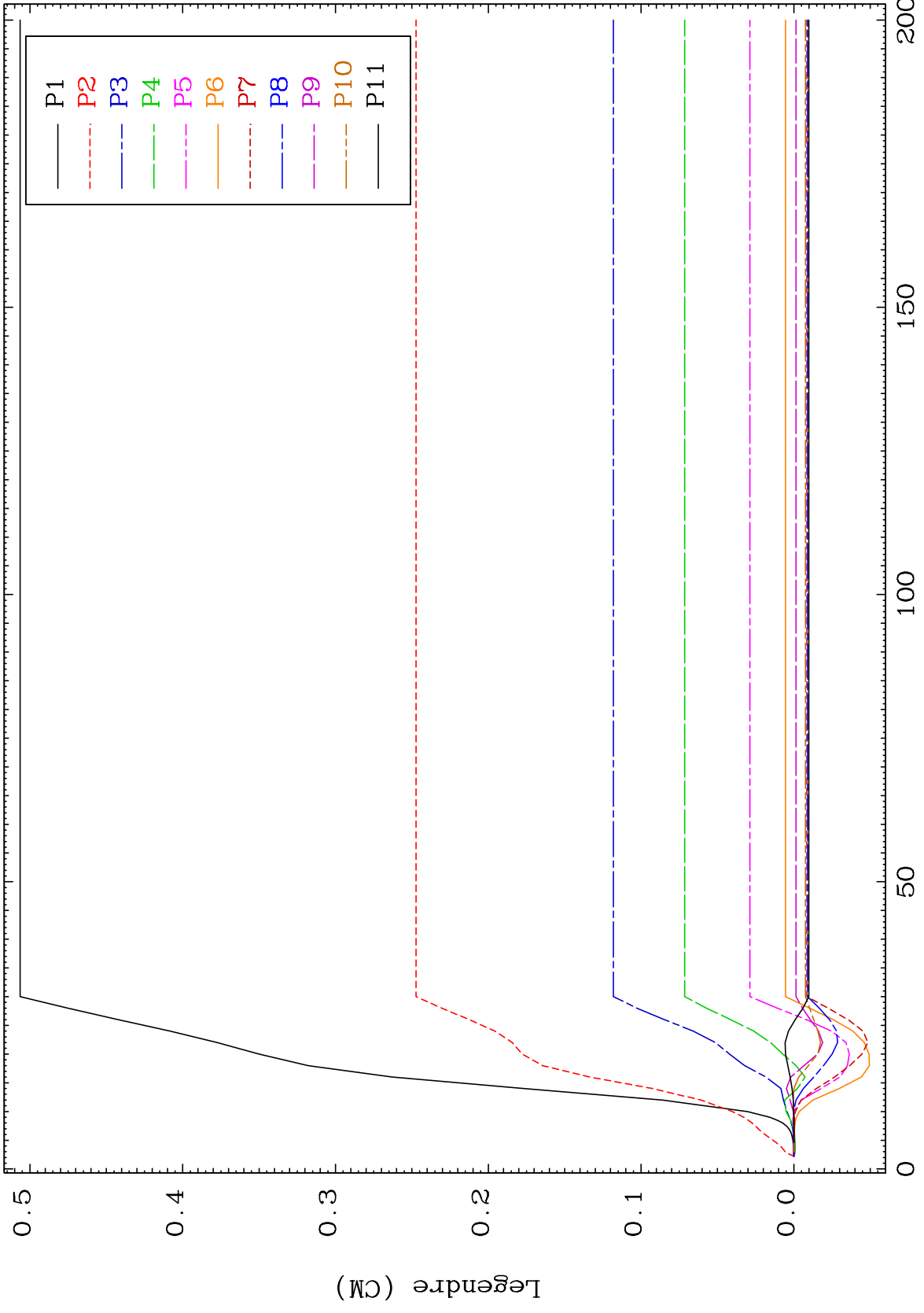
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



42

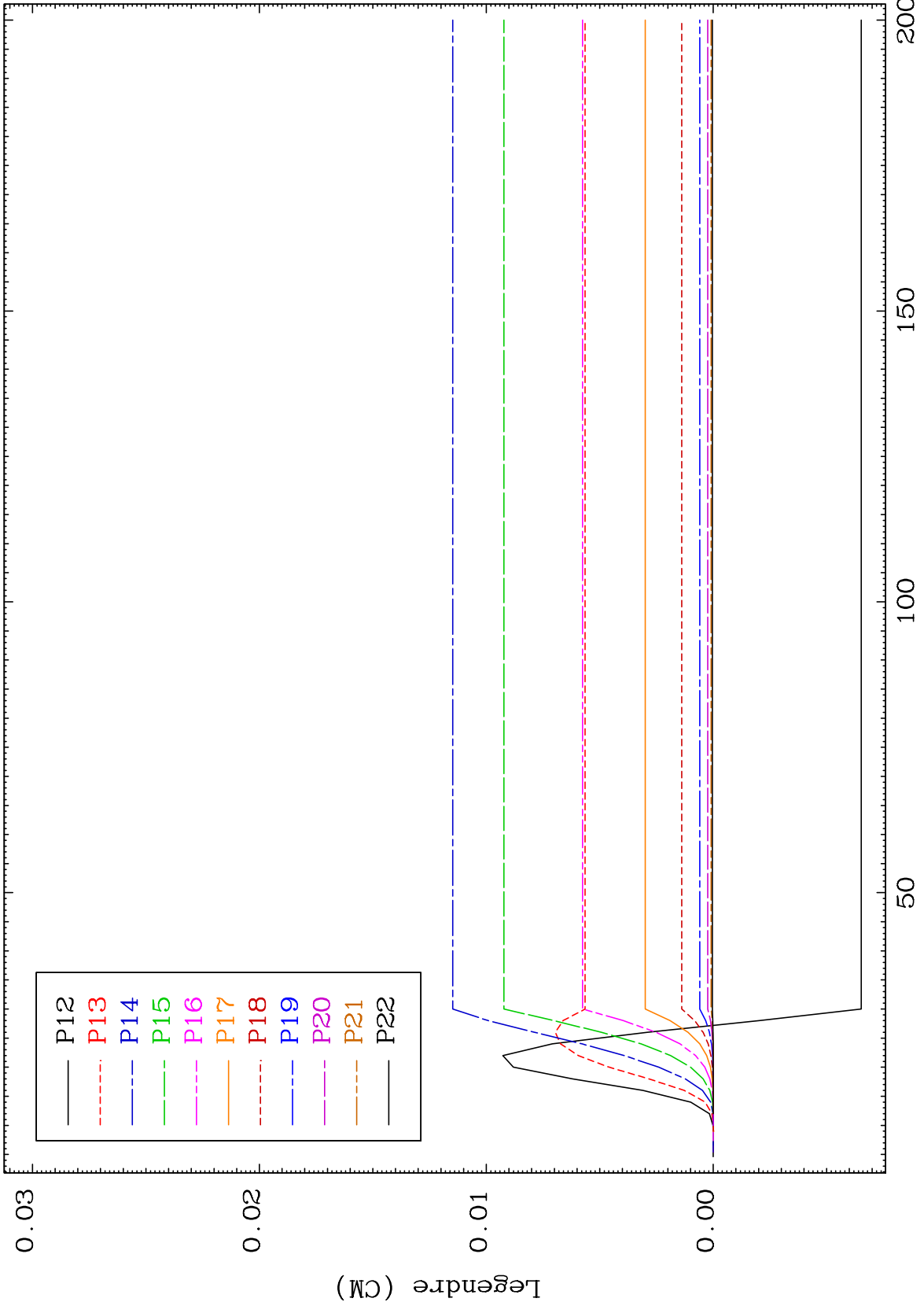
Incident Energy (MeV)

27-Co-59

MAT 2725

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

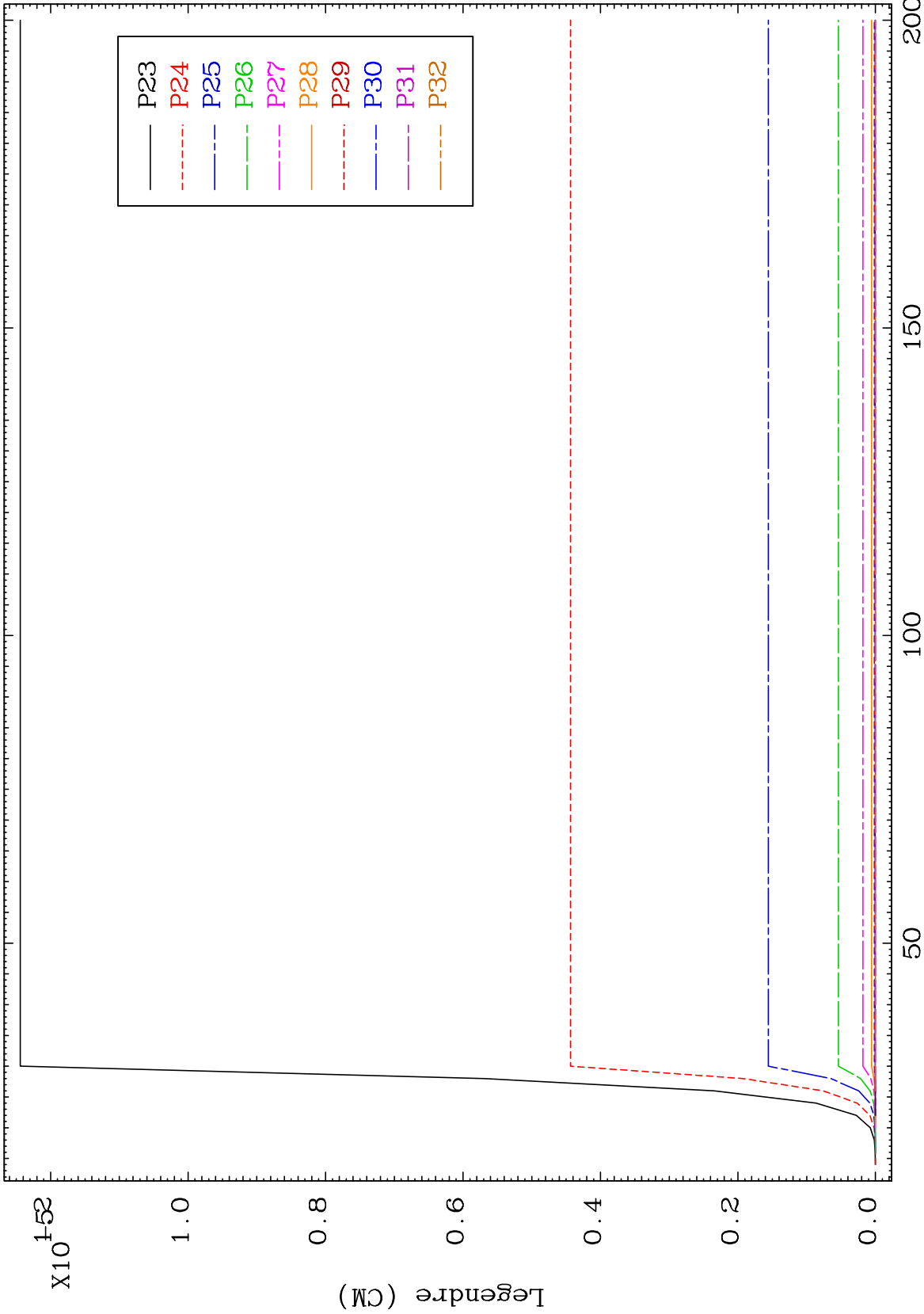
27-Co-59



MAT 2725

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

27-Co-59



44

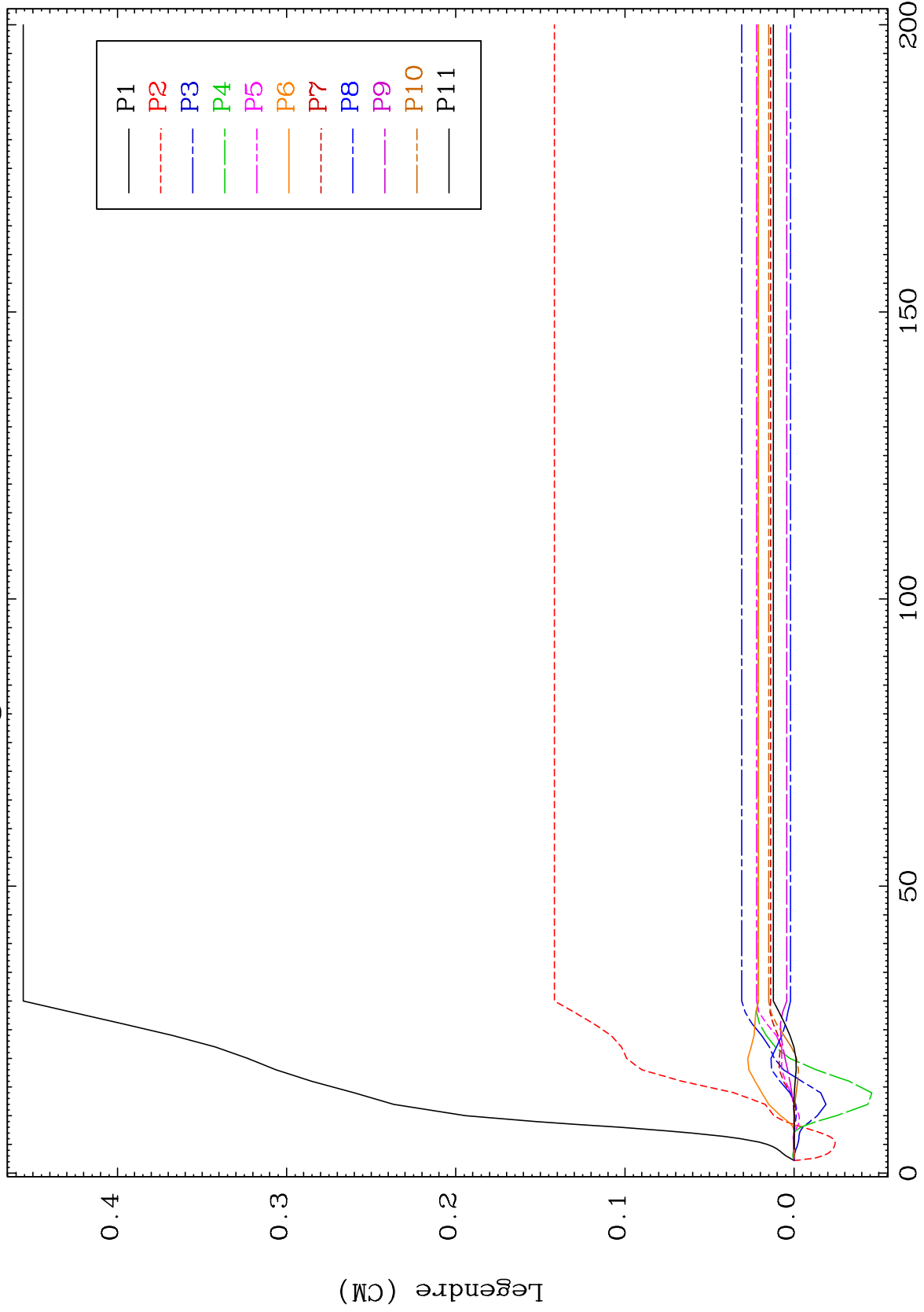
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



45

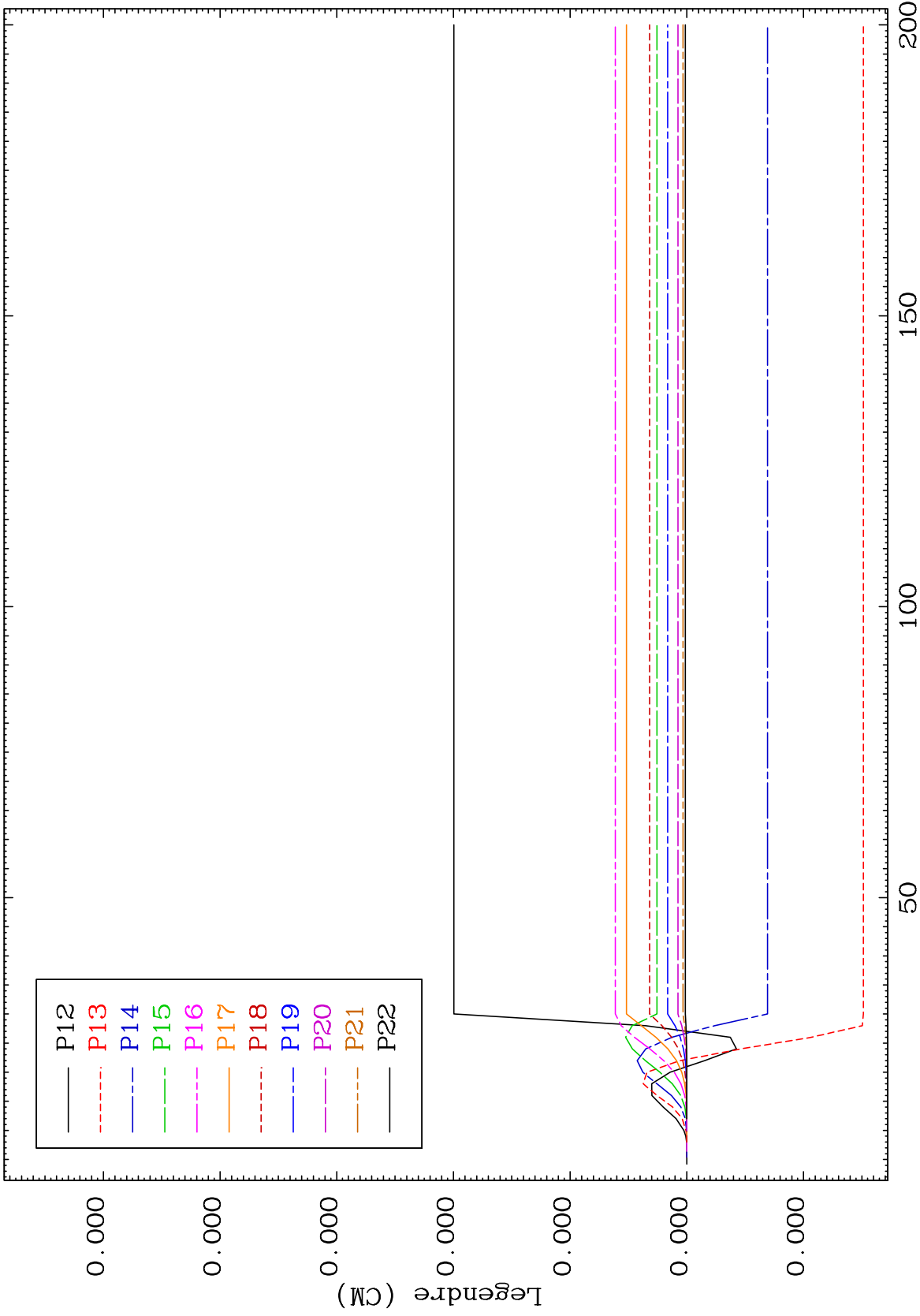
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



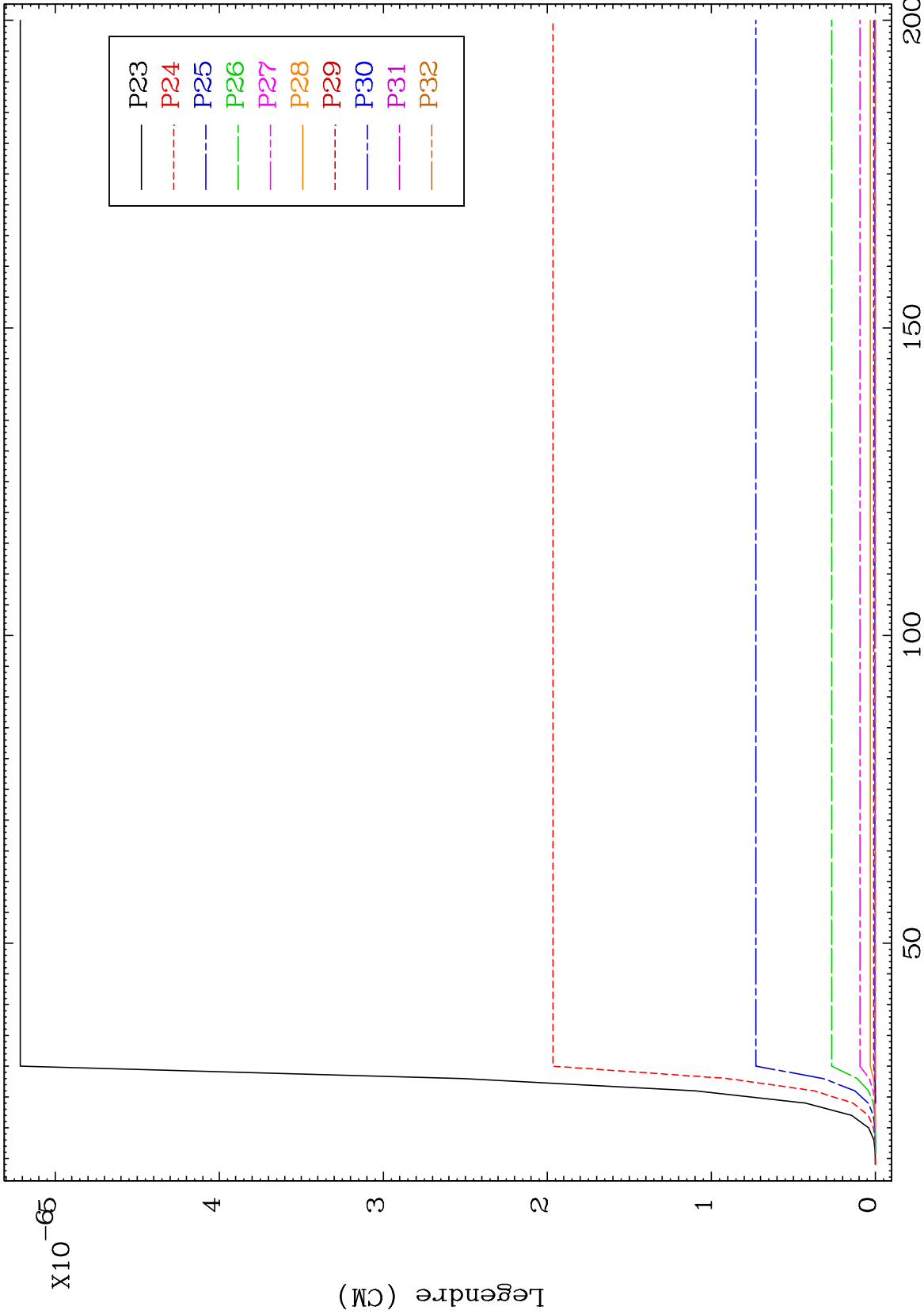
46

27-Co-59

MAT 2725

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

27-Co-59



47

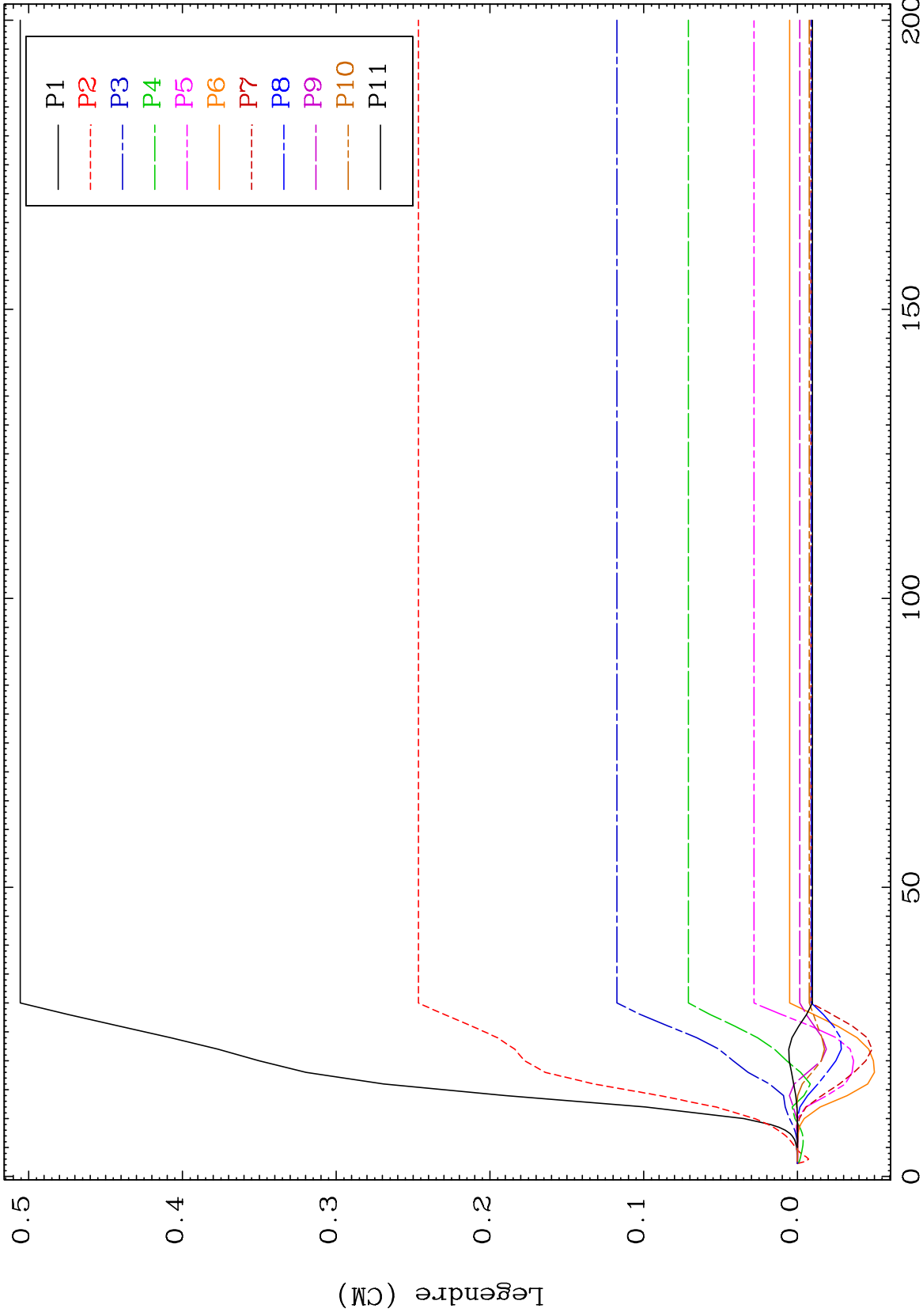
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



48

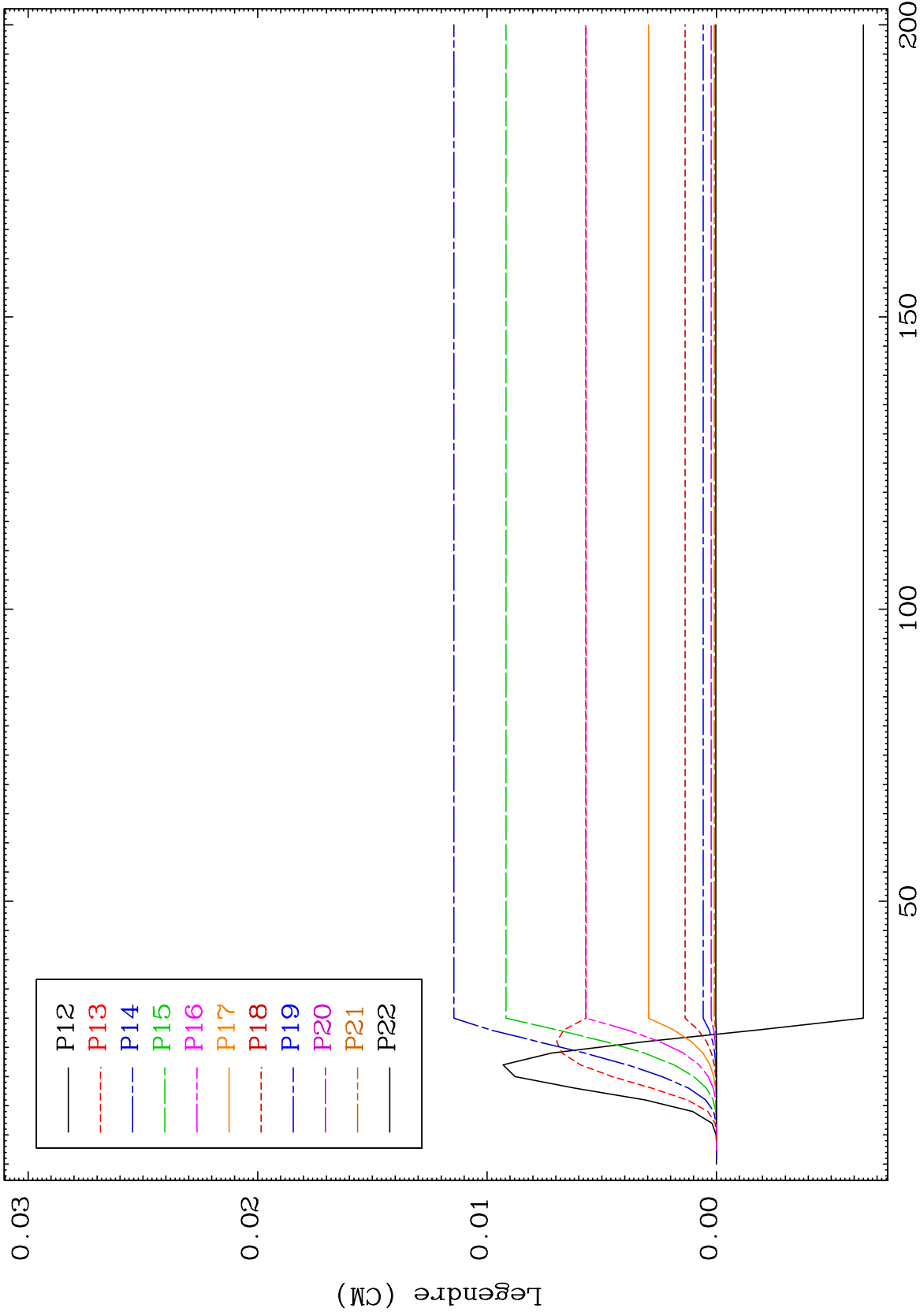
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



49

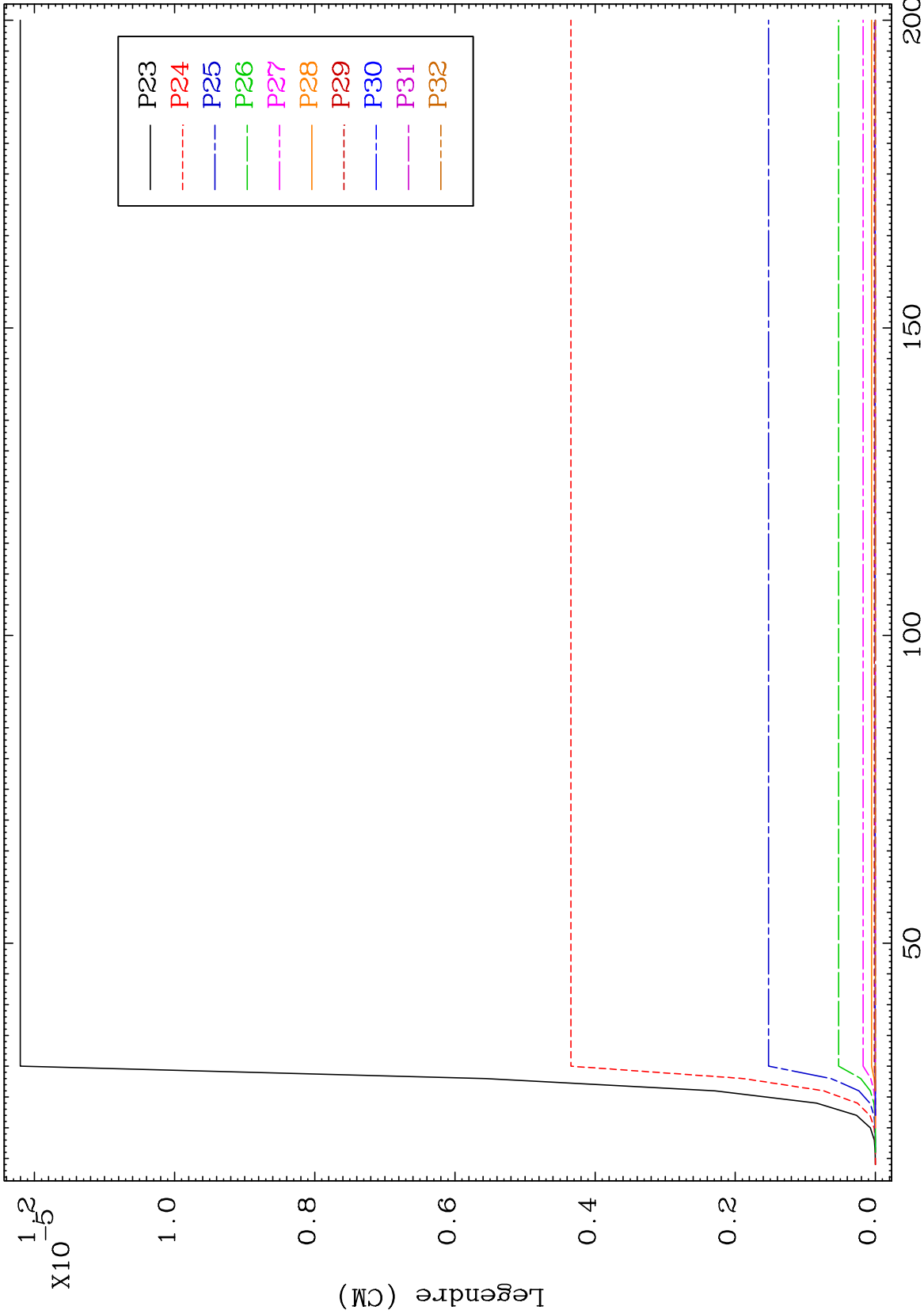
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



50

50

100

150

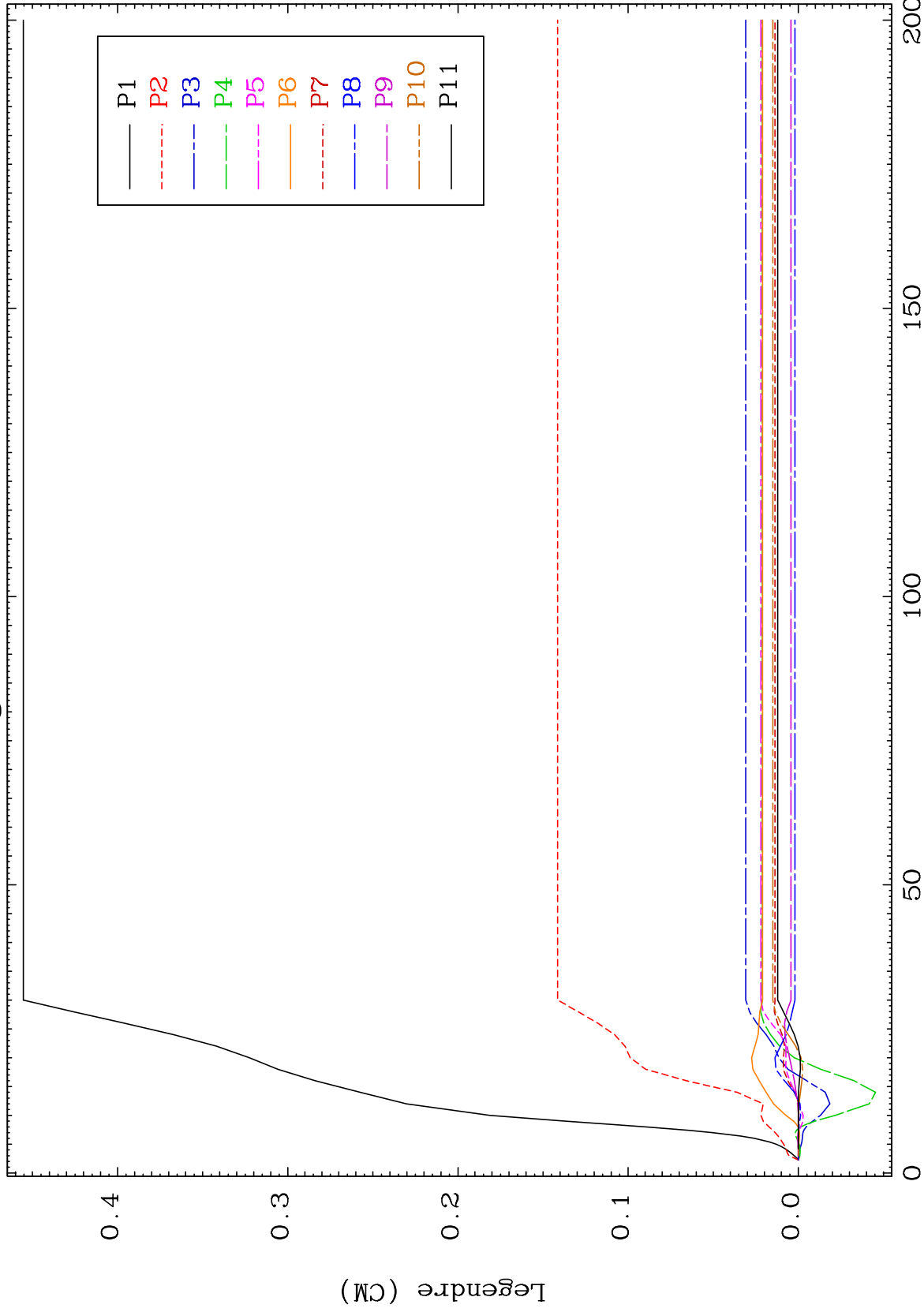
200

27-Co-59

MAT 2725

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

27-Co-59



51

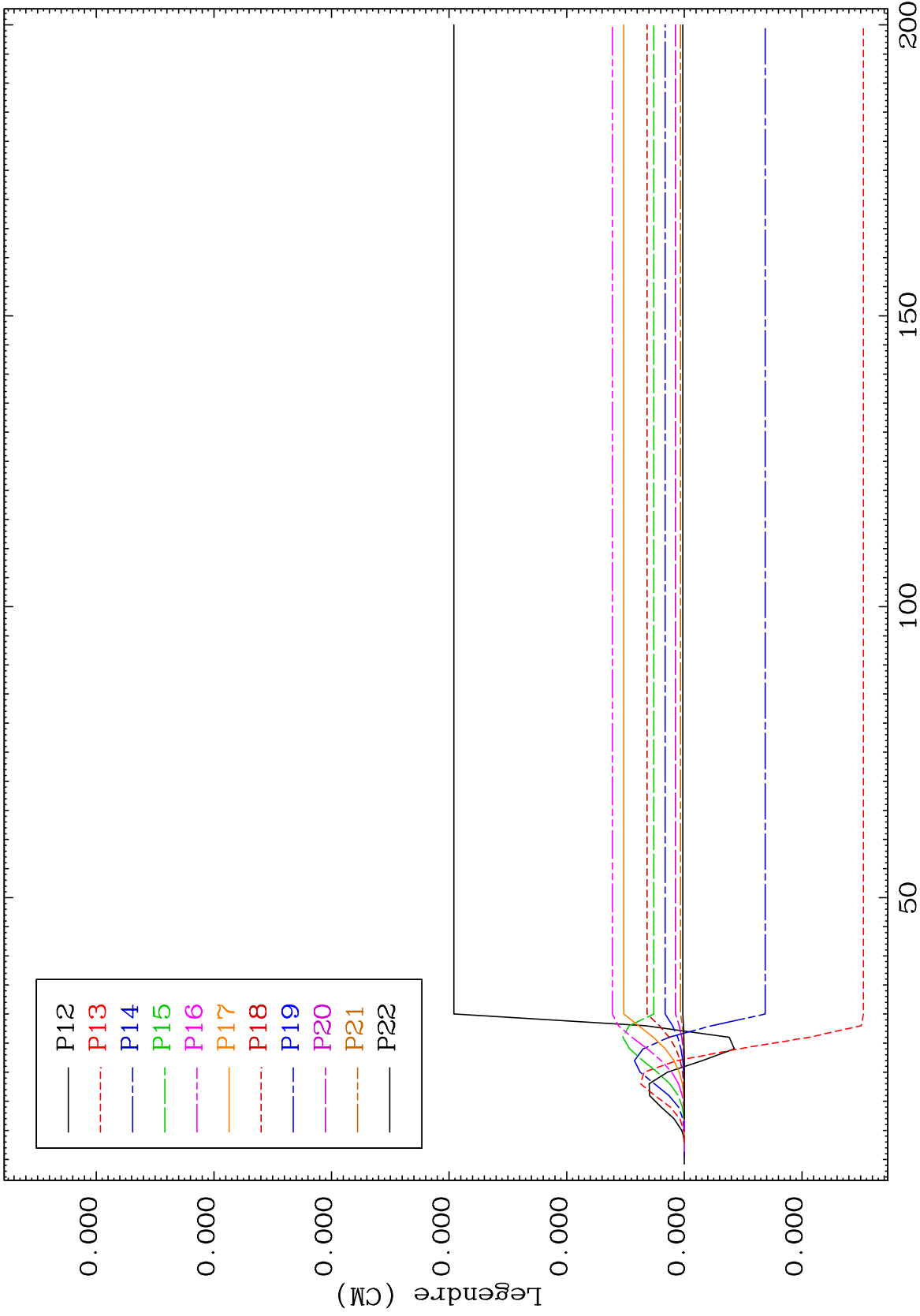
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



52

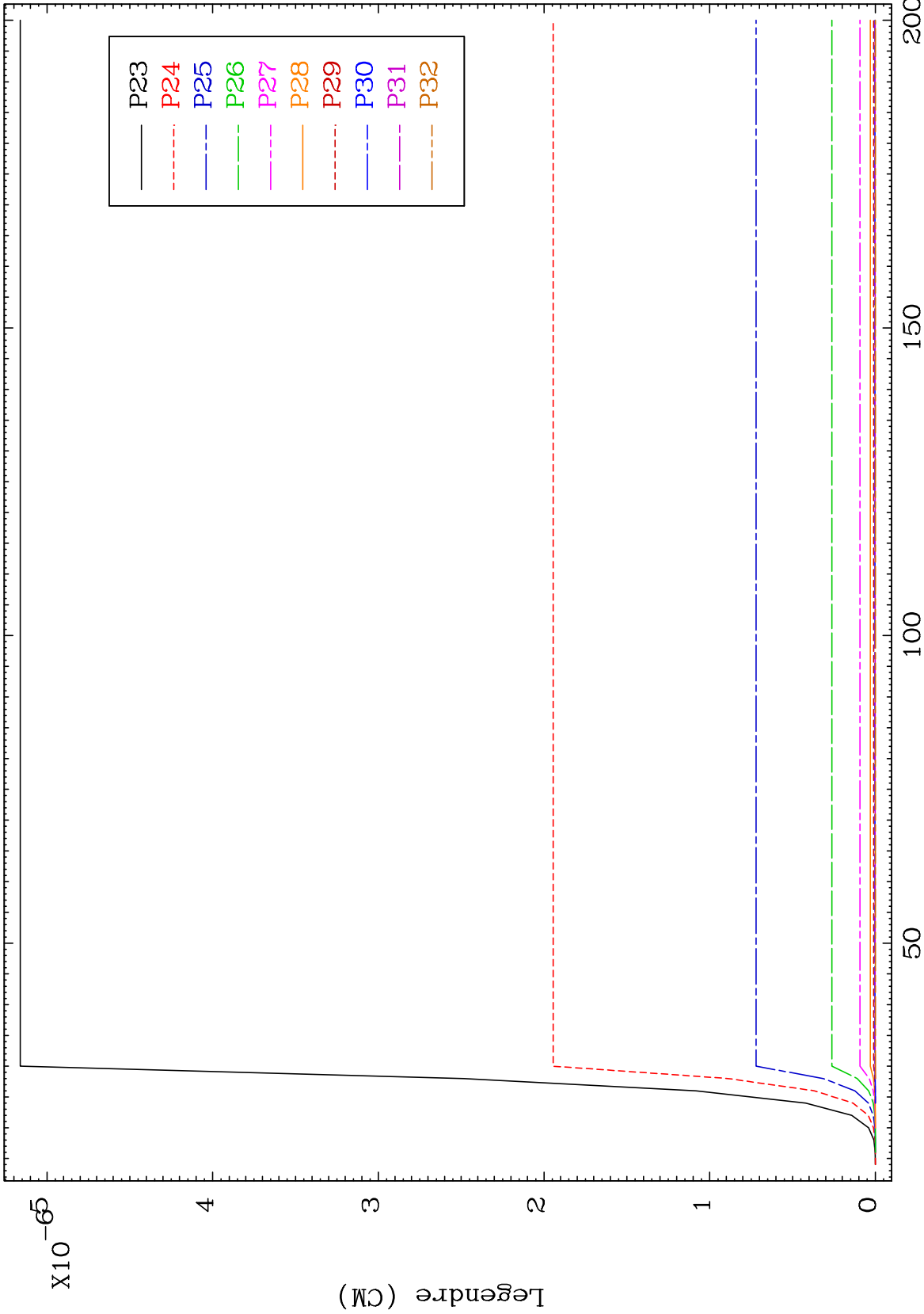
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



53

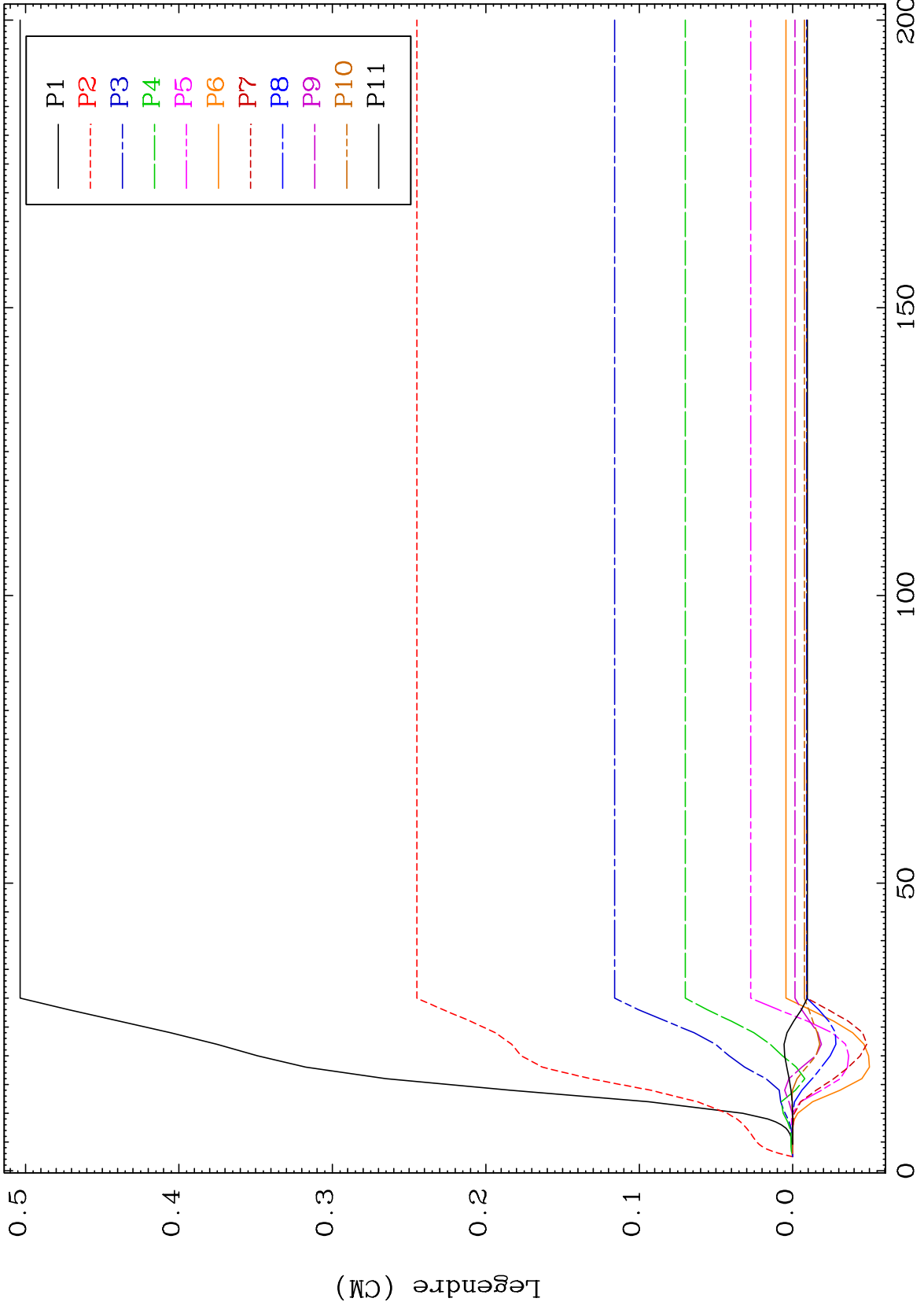
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



54

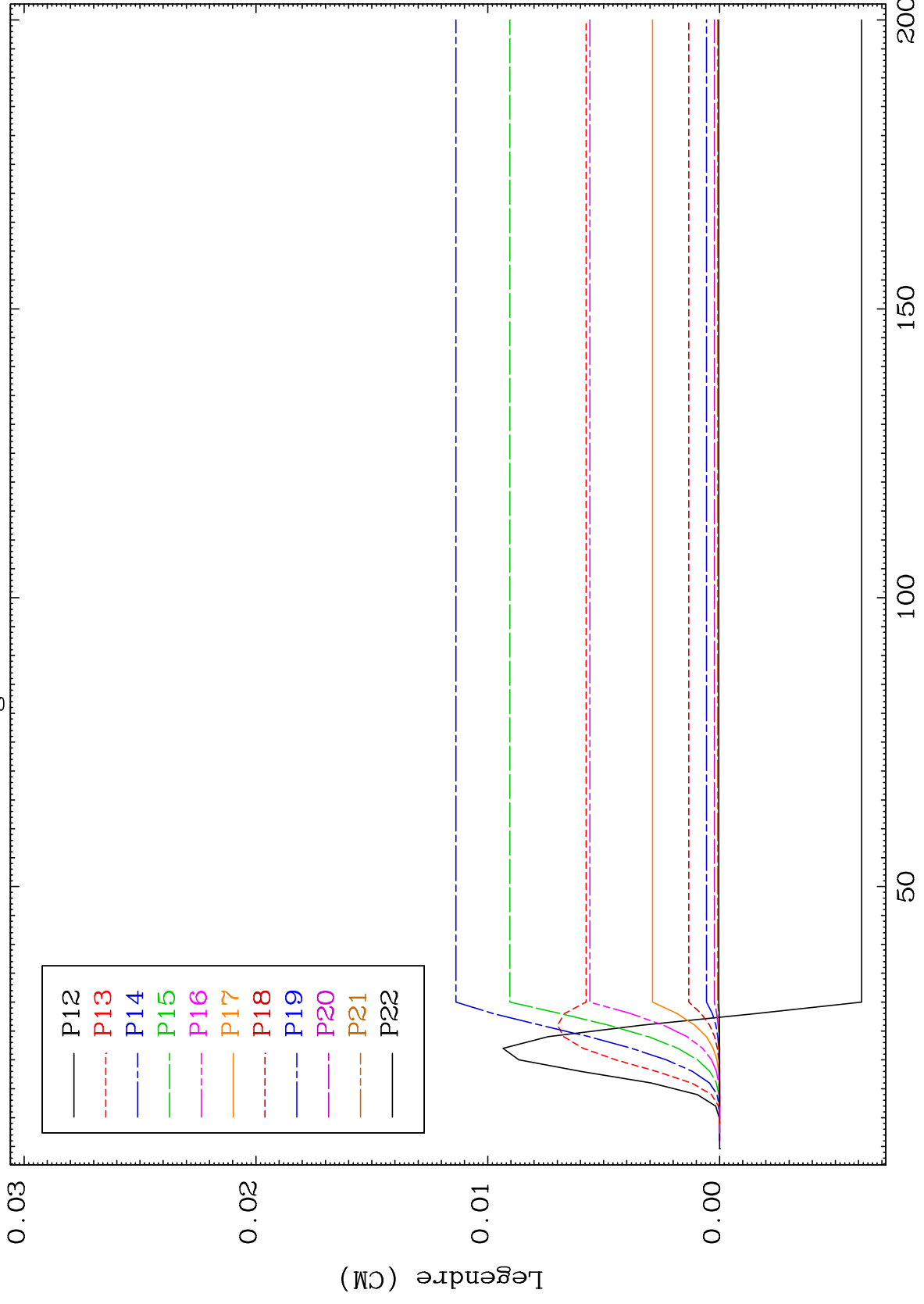
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



55

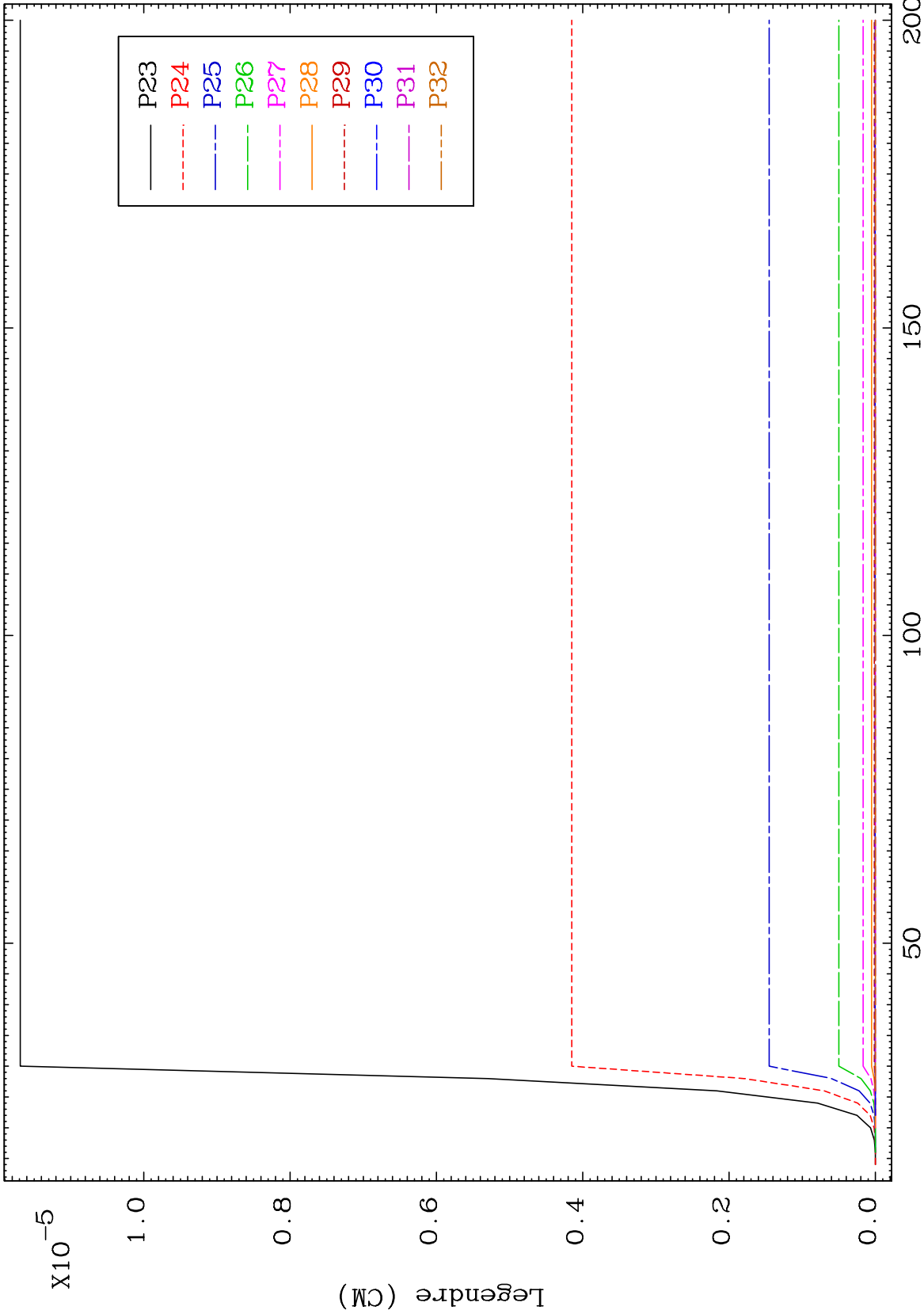
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59

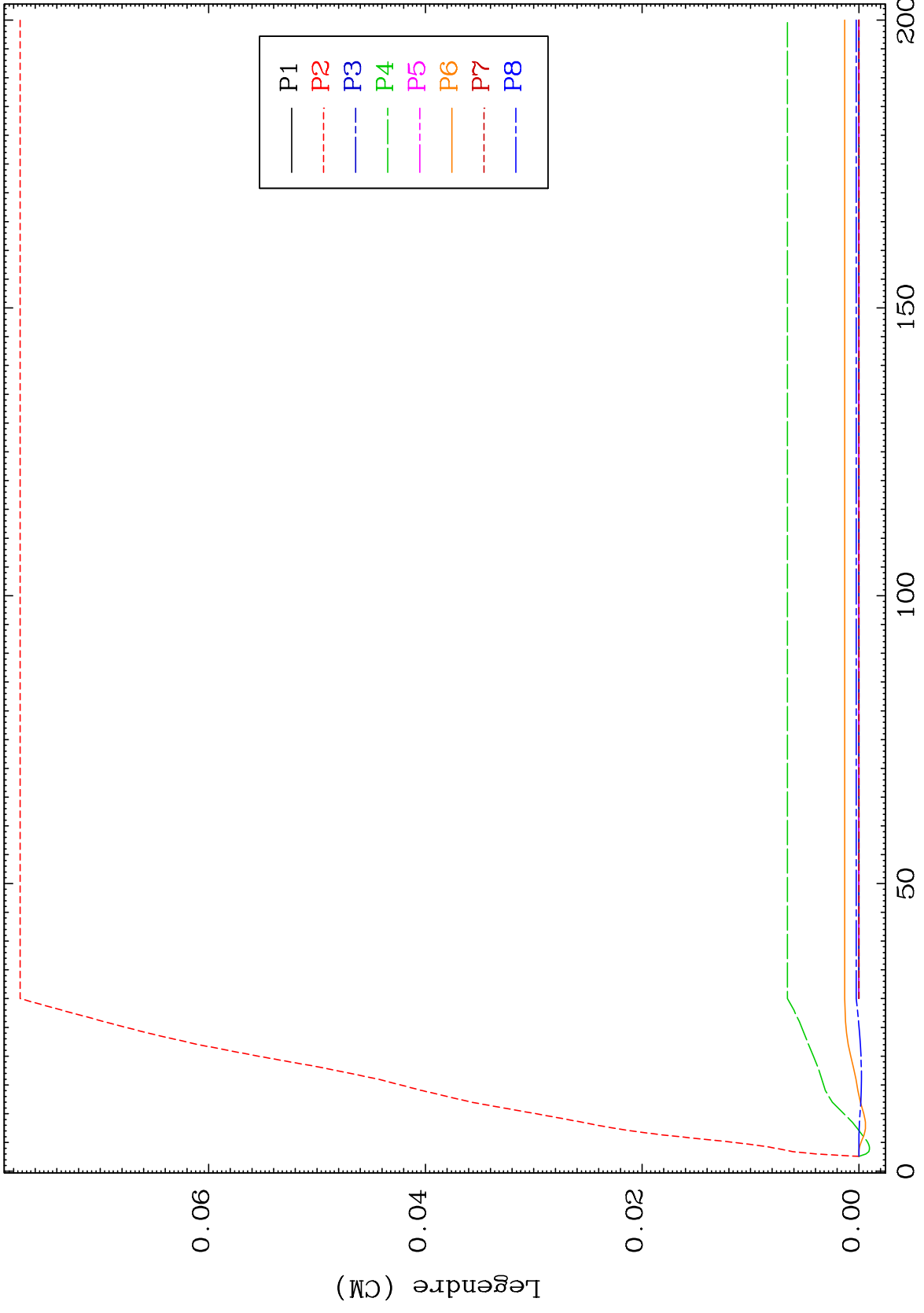


56

Incident Energy (MeV)

27-Co-59

MAT 2725 MT= 64 (n,n') Level Legendre Coefficients 27-Co-59

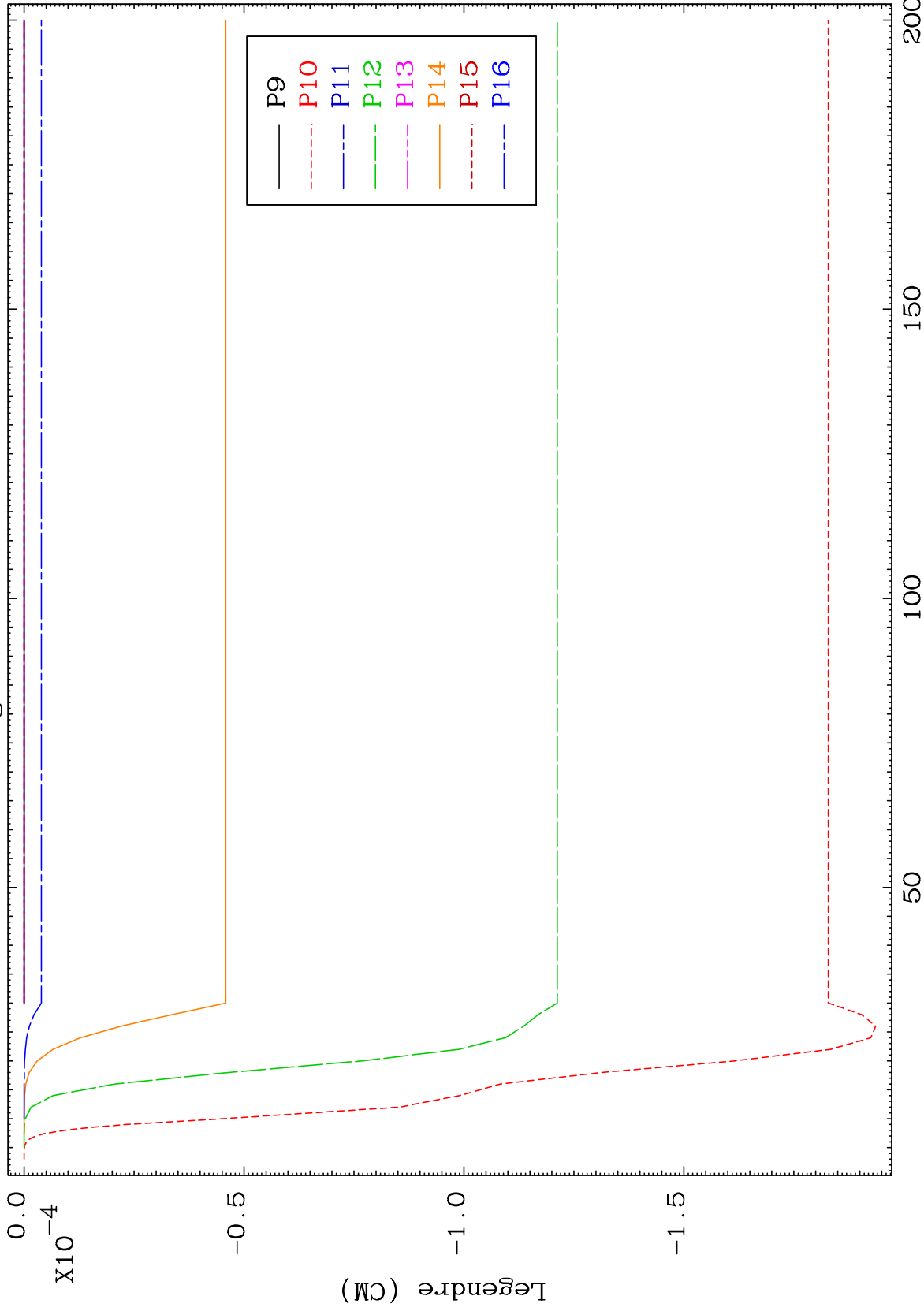


57 Incident Energy (MeV) 27-Co-59

MAT 2725

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

27-Co-59

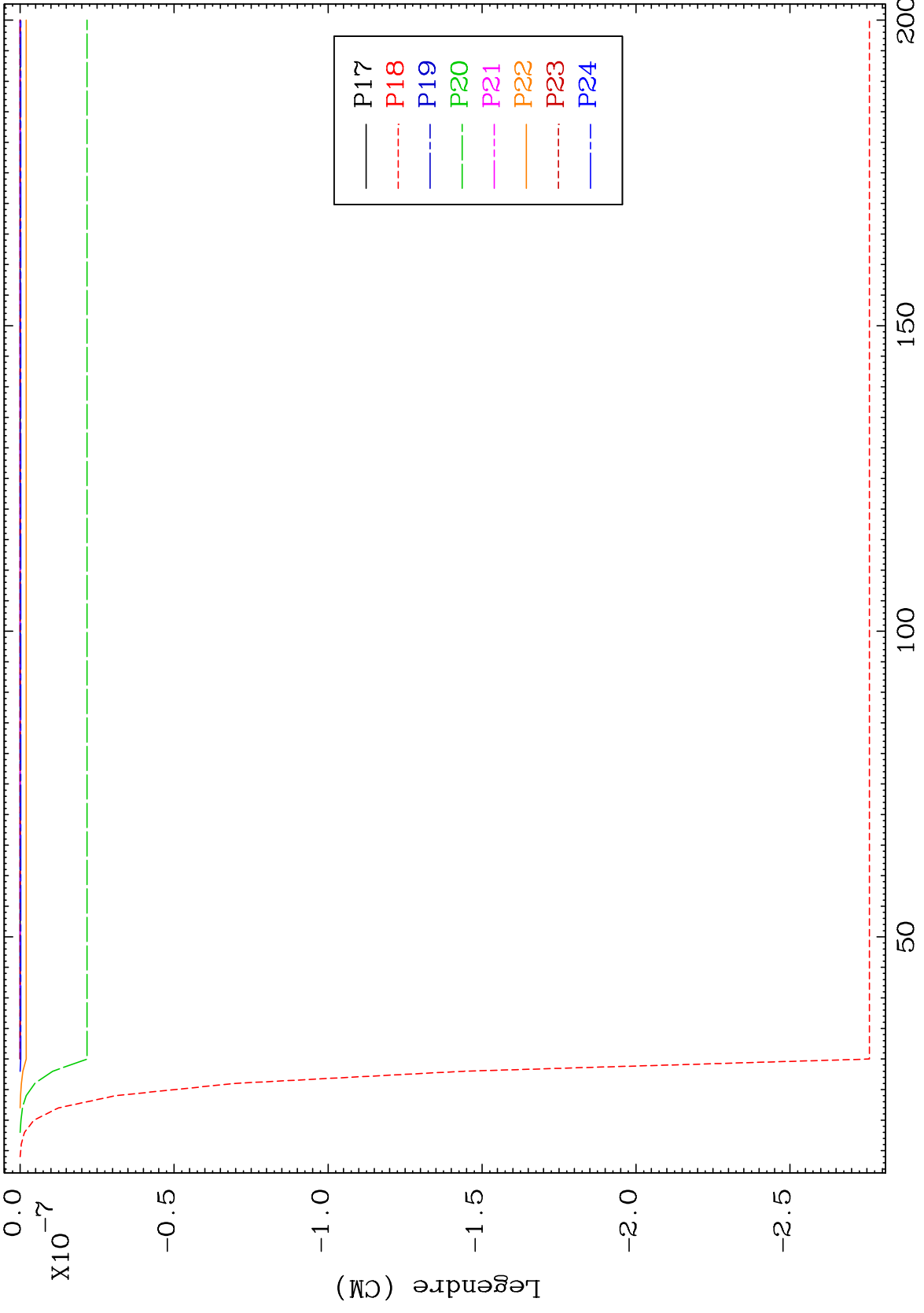


58

Incident Energy (MeV)

27-Co-59

MAT 2725 MT= 64 (n,n') Level Legendre Coefficients 27-Co-59

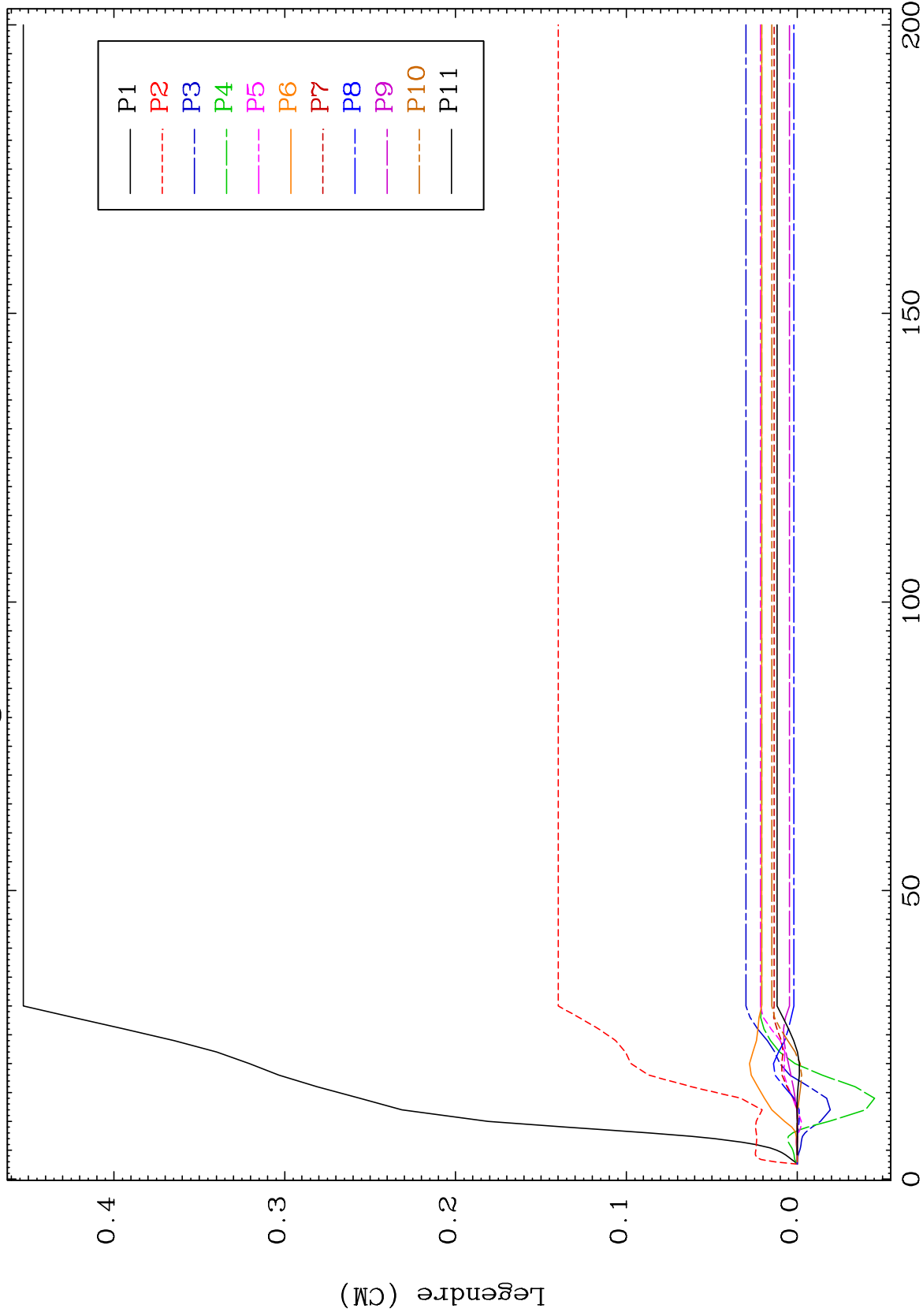


59 Incident Energy (MeV) 200 27-Co-59

MAT 2725

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

27-Co-59



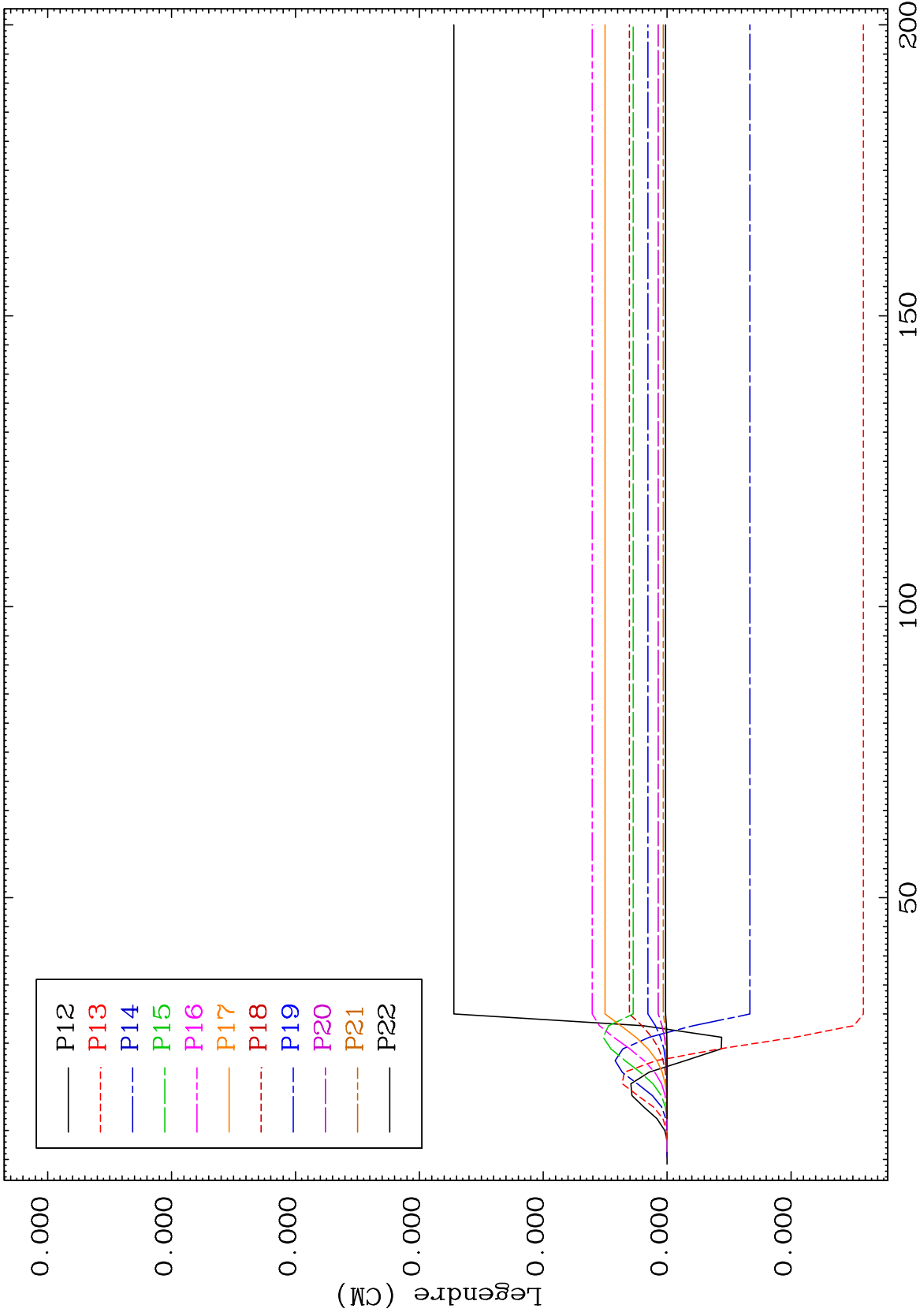
27-Co-59

Incident Energy (MeV)

MAT 2725

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

27-Co-59



61

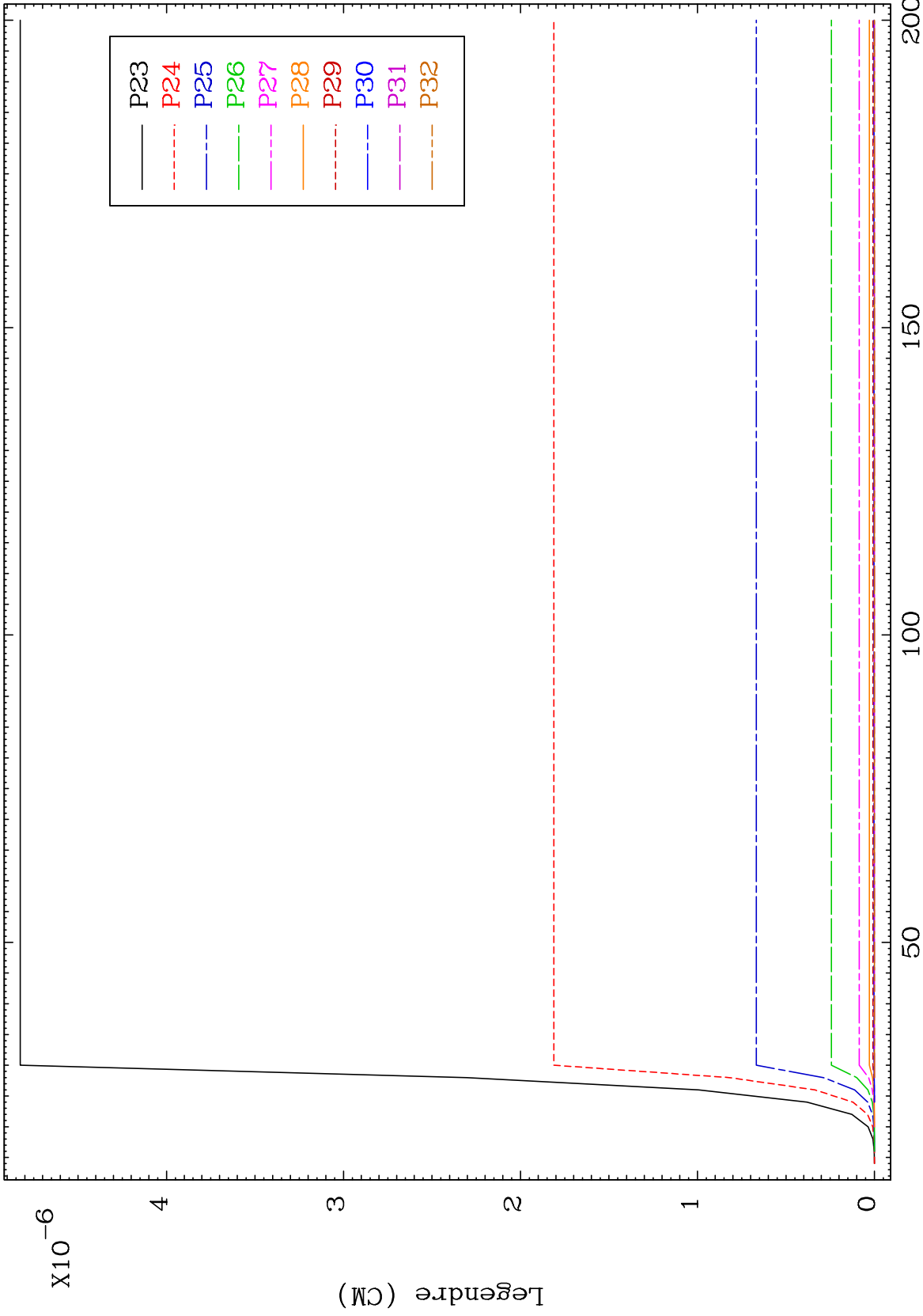
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



62

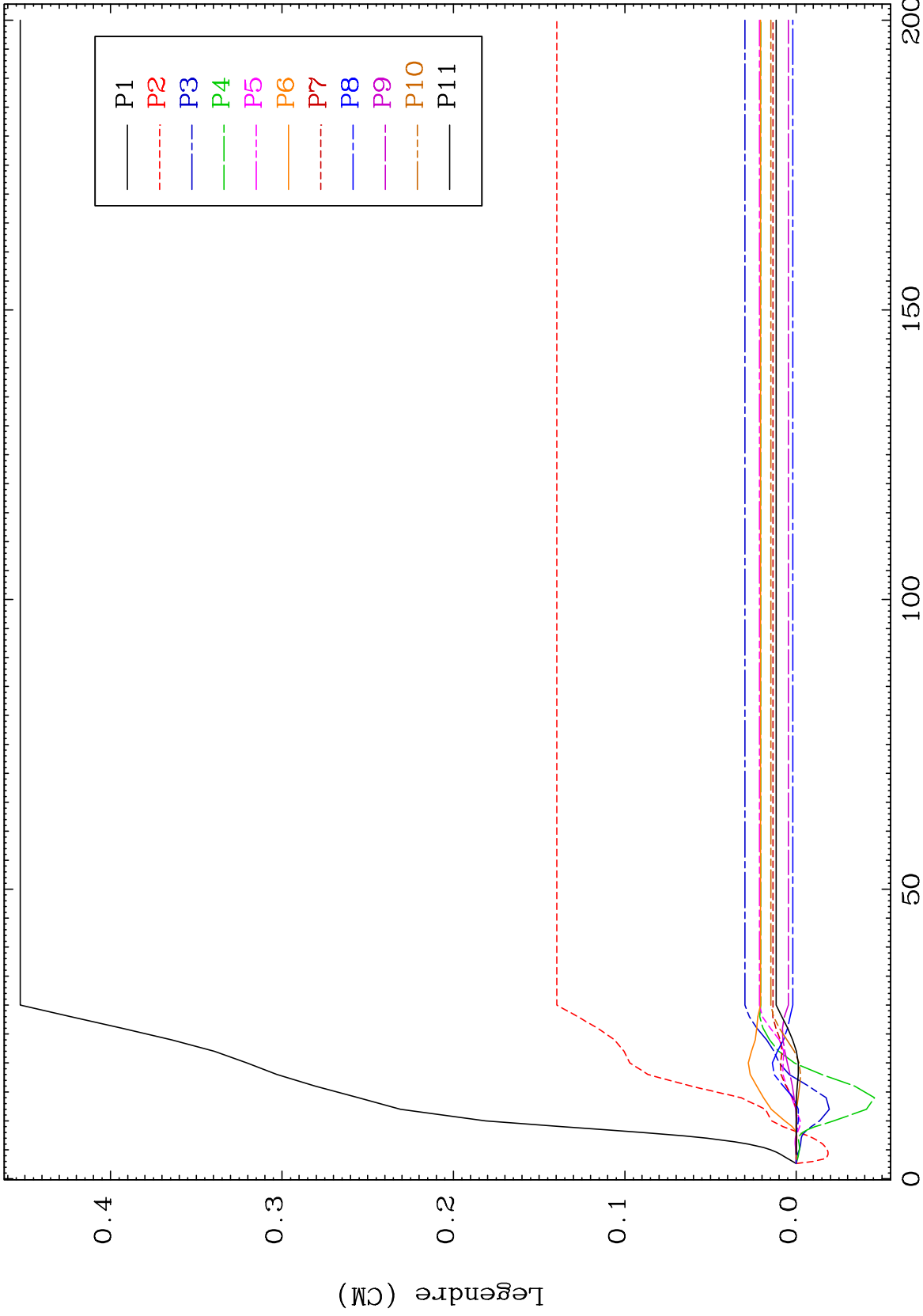
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



63

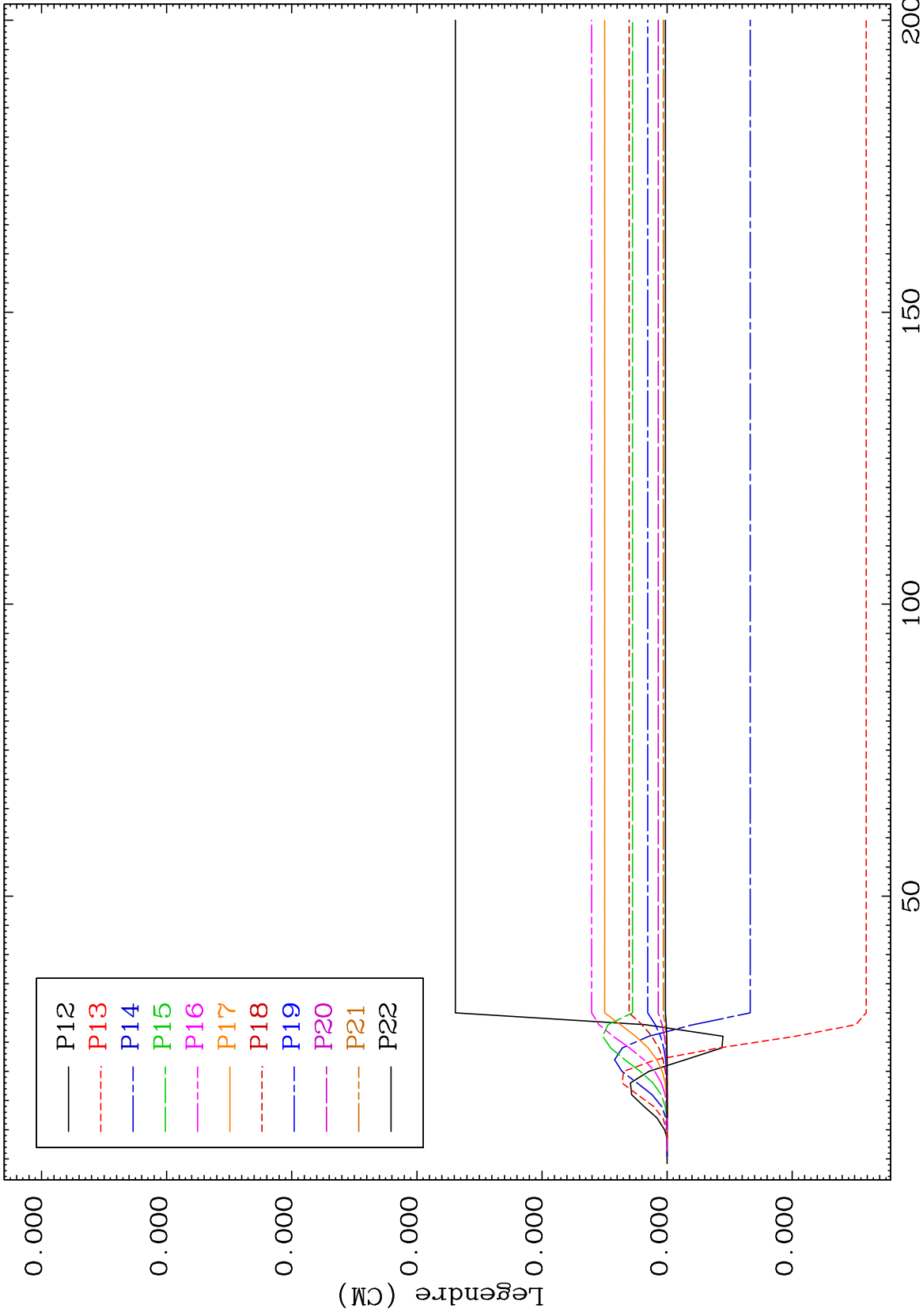
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



64

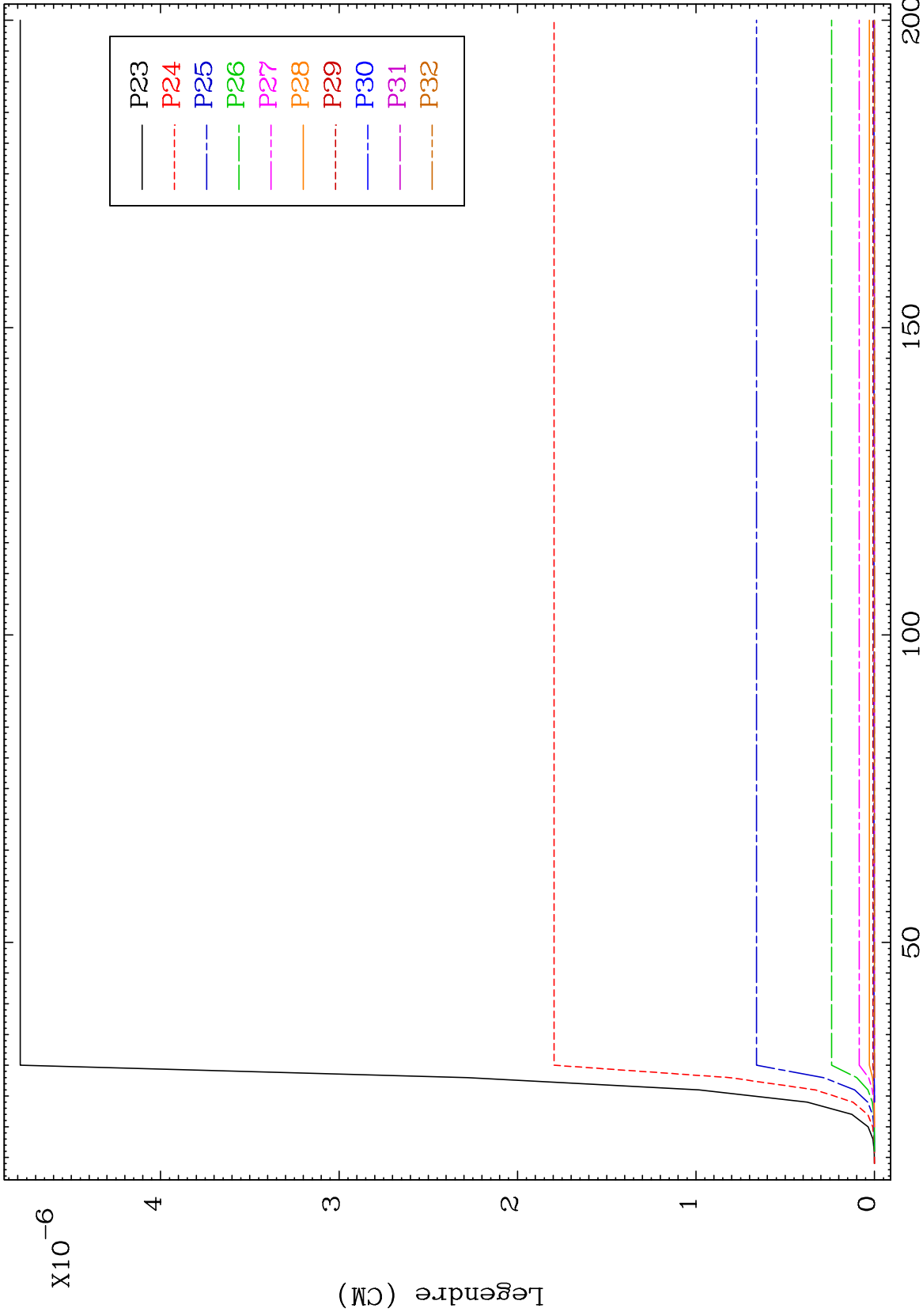
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



65

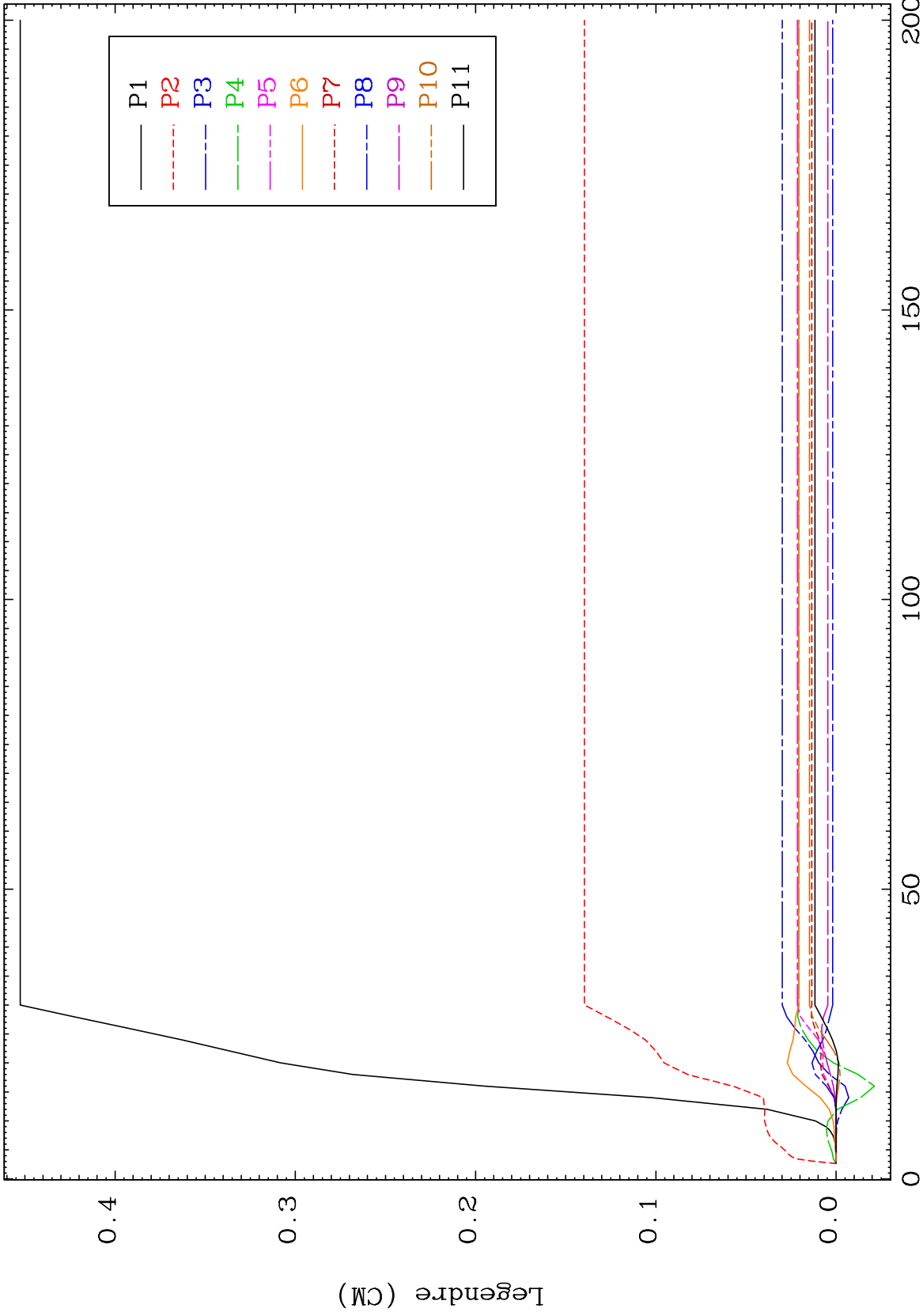
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



66

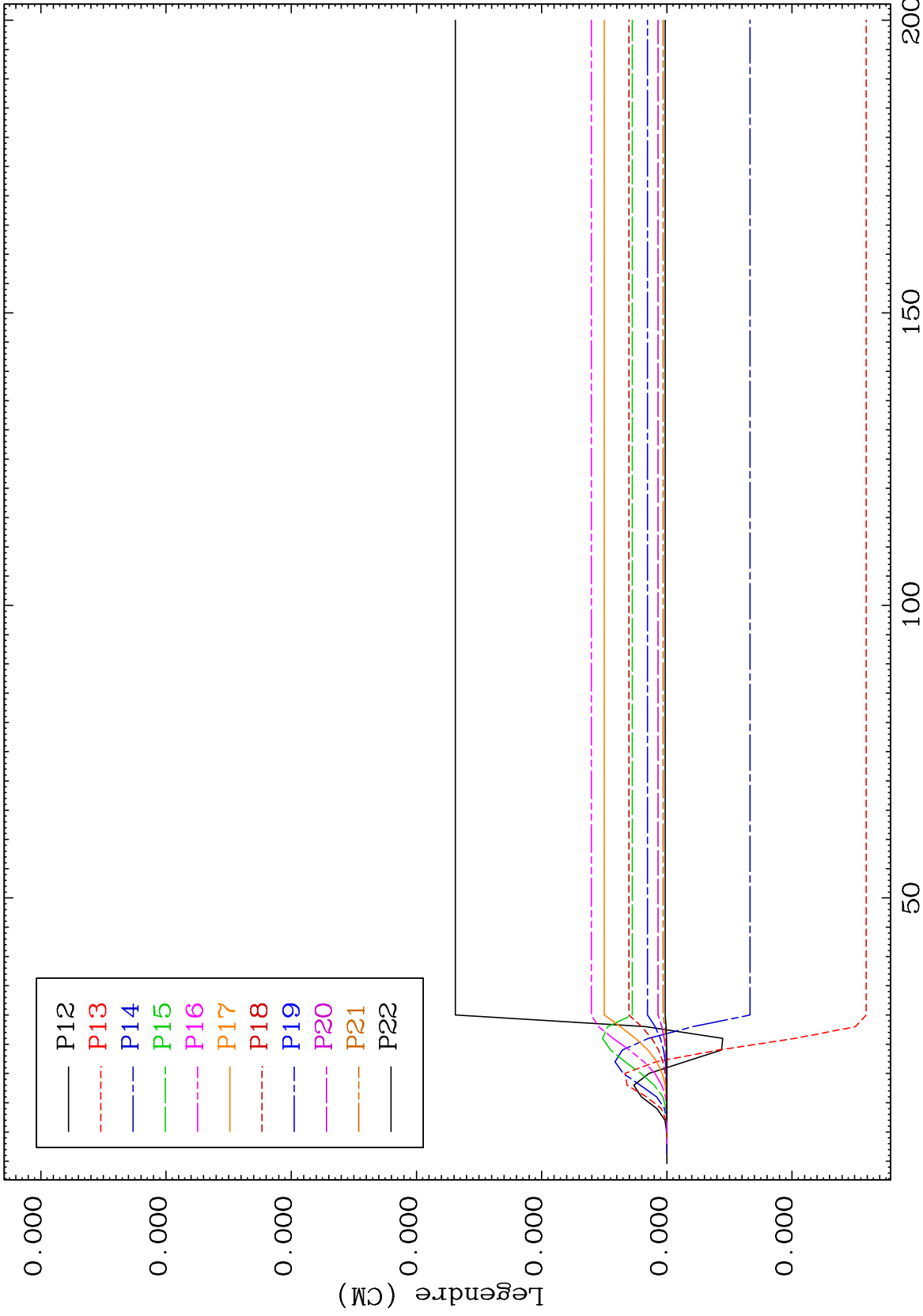
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



67

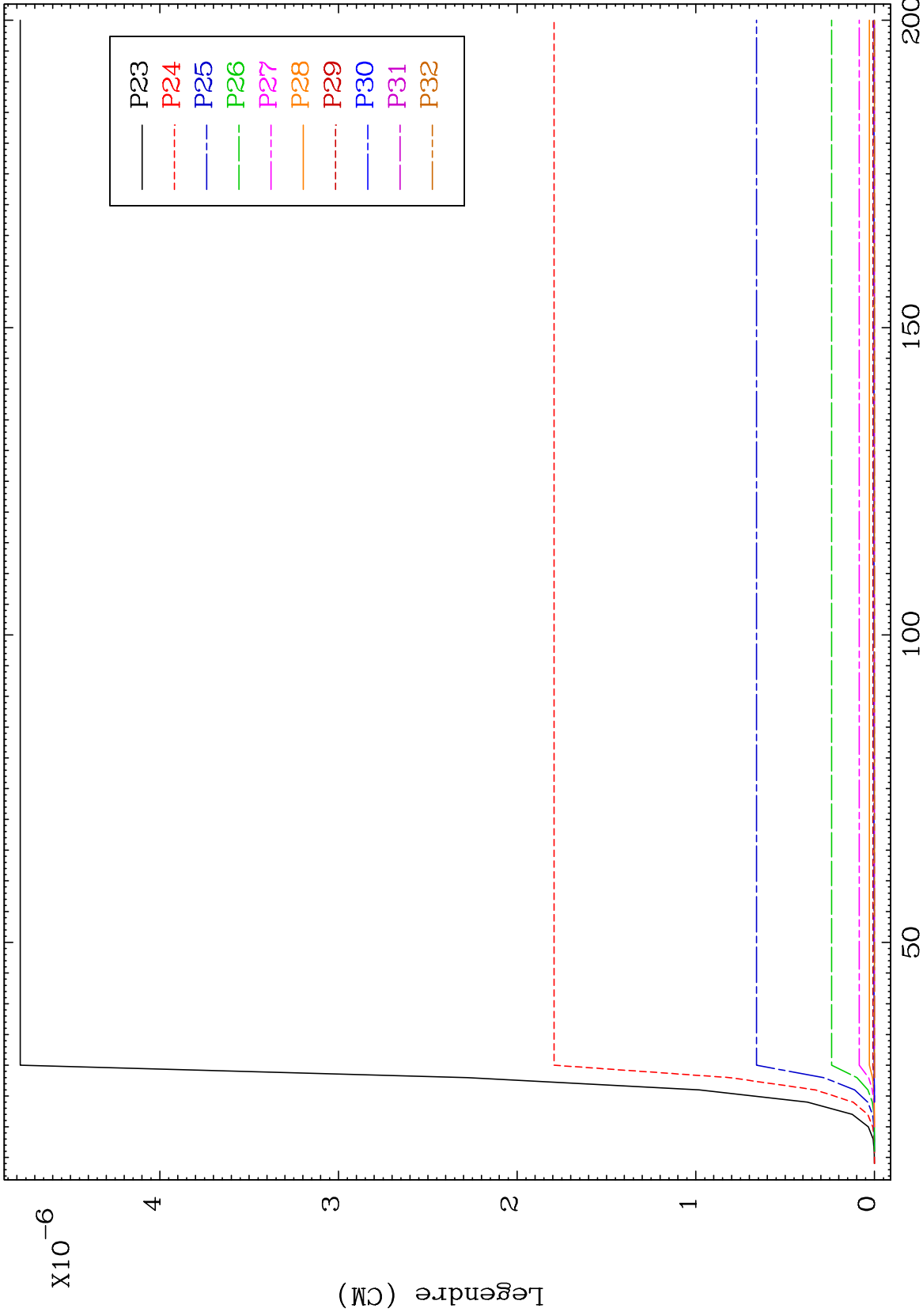
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



68

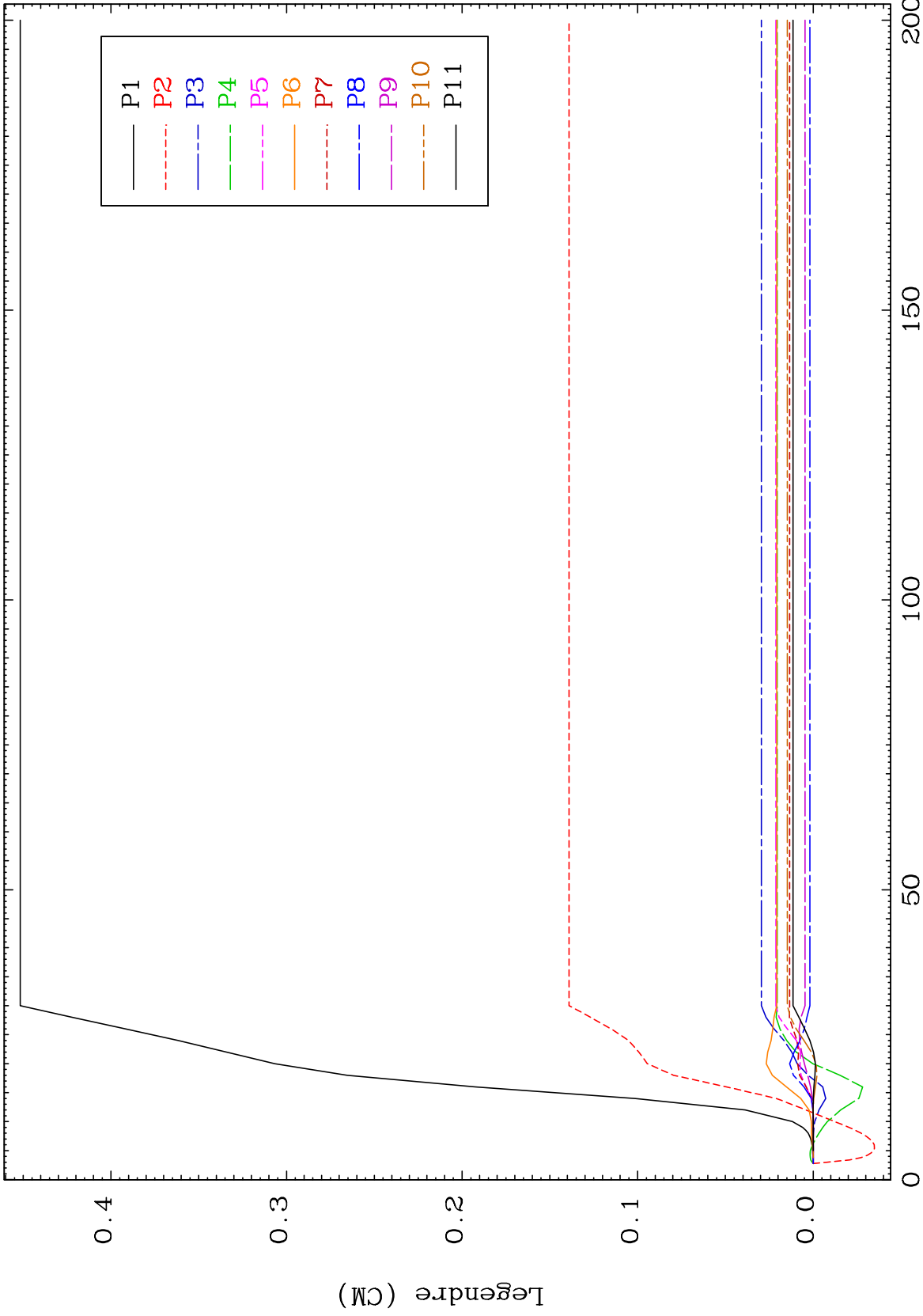
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



69

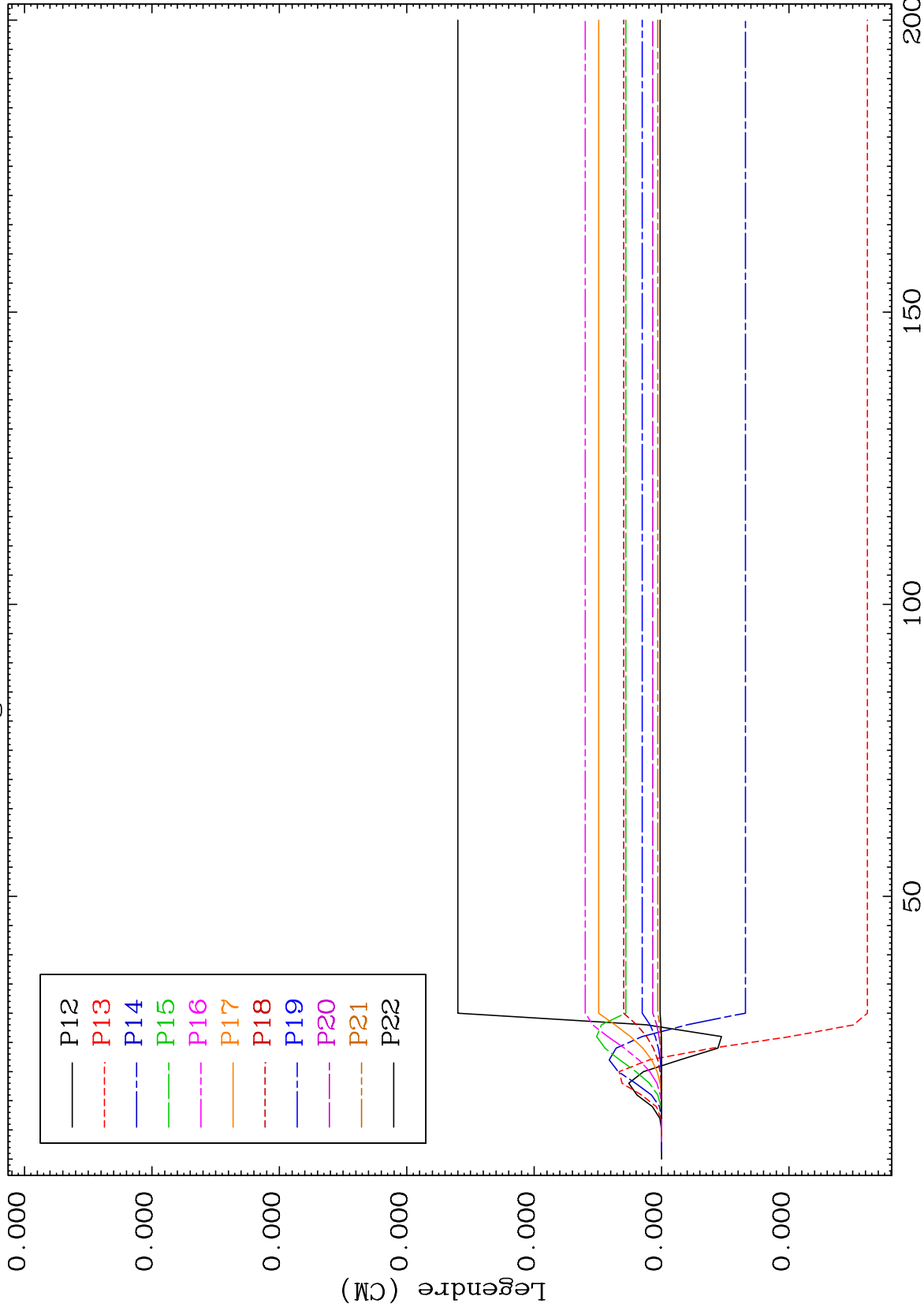
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



70

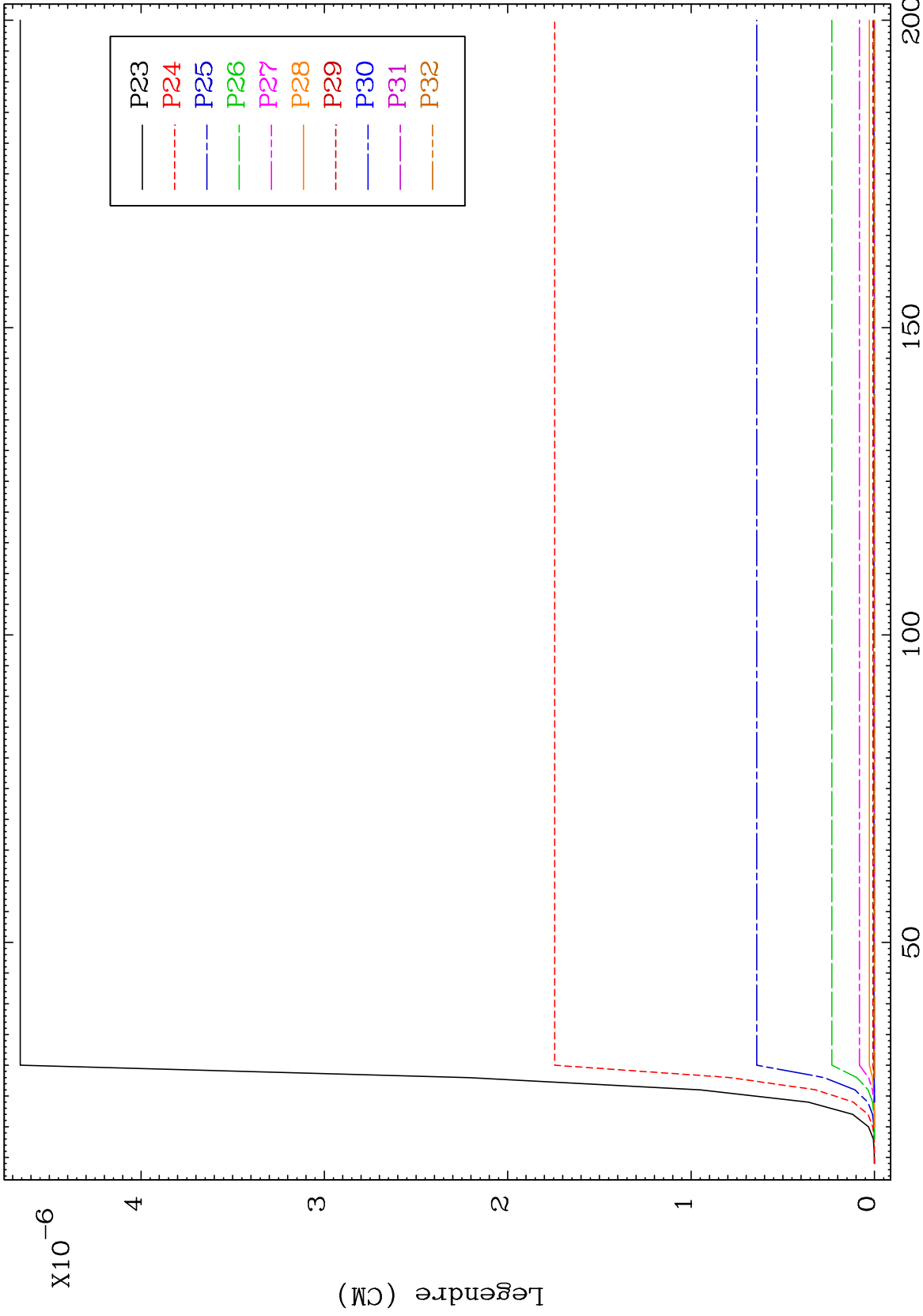
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



71

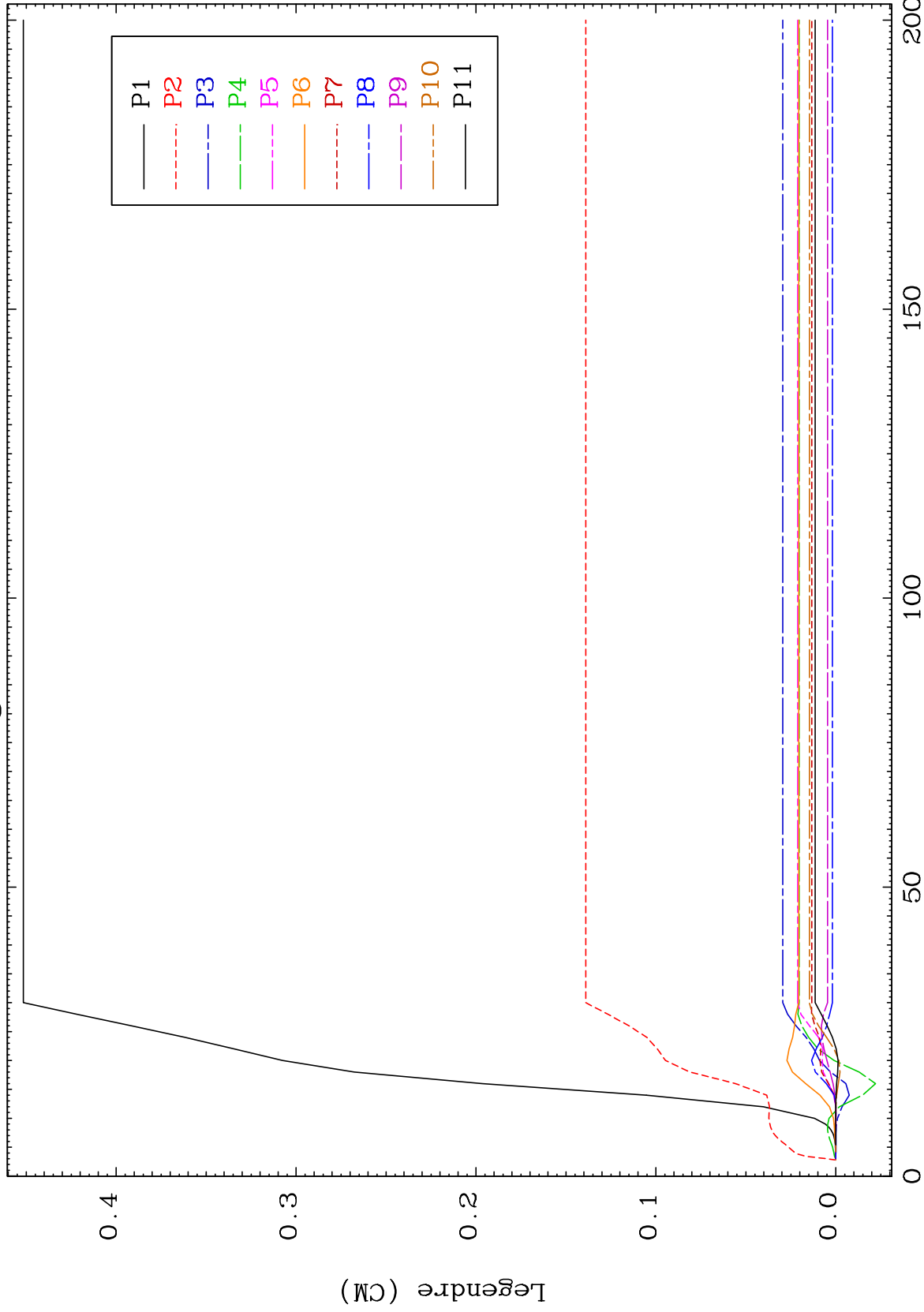
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



72

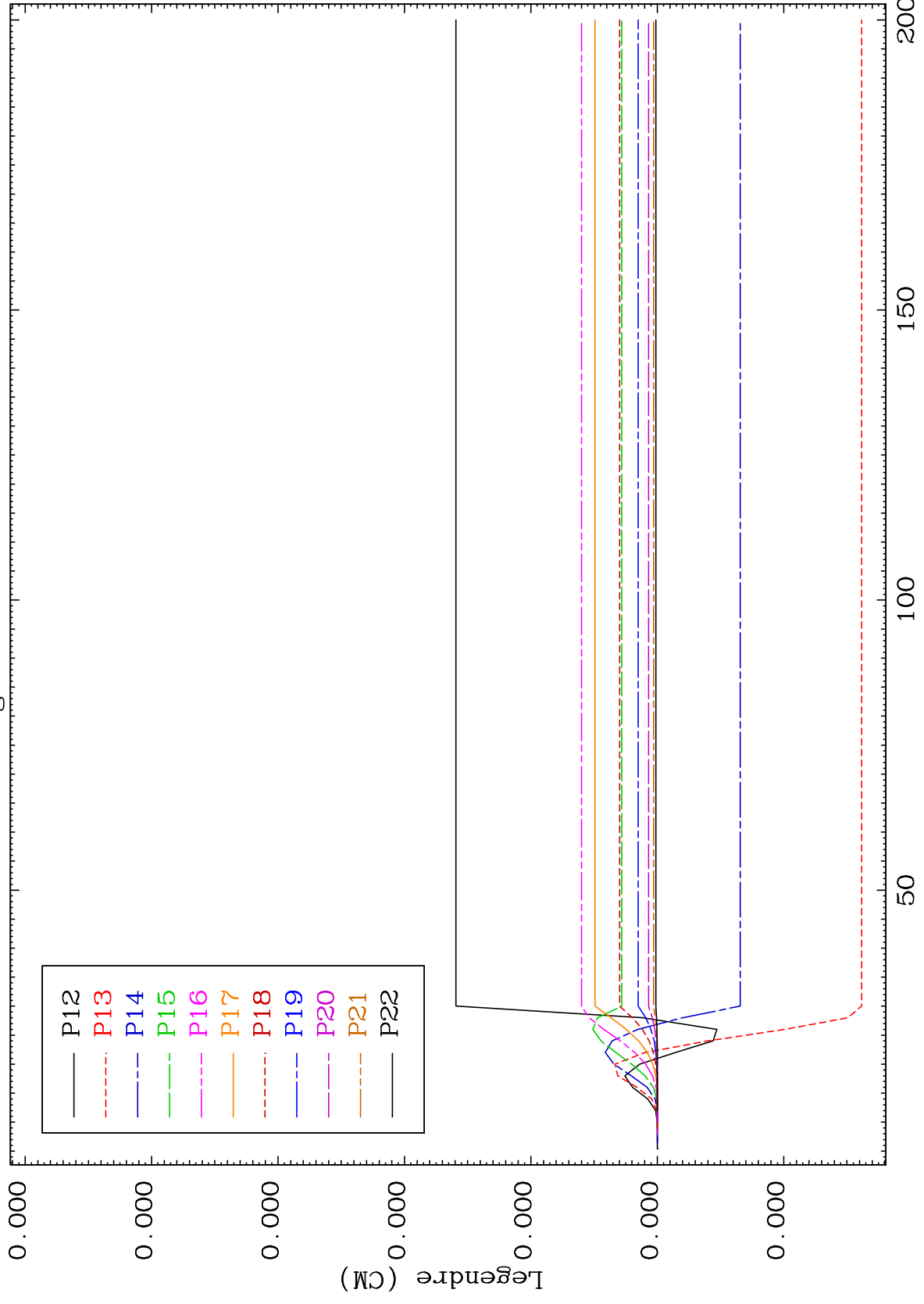
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



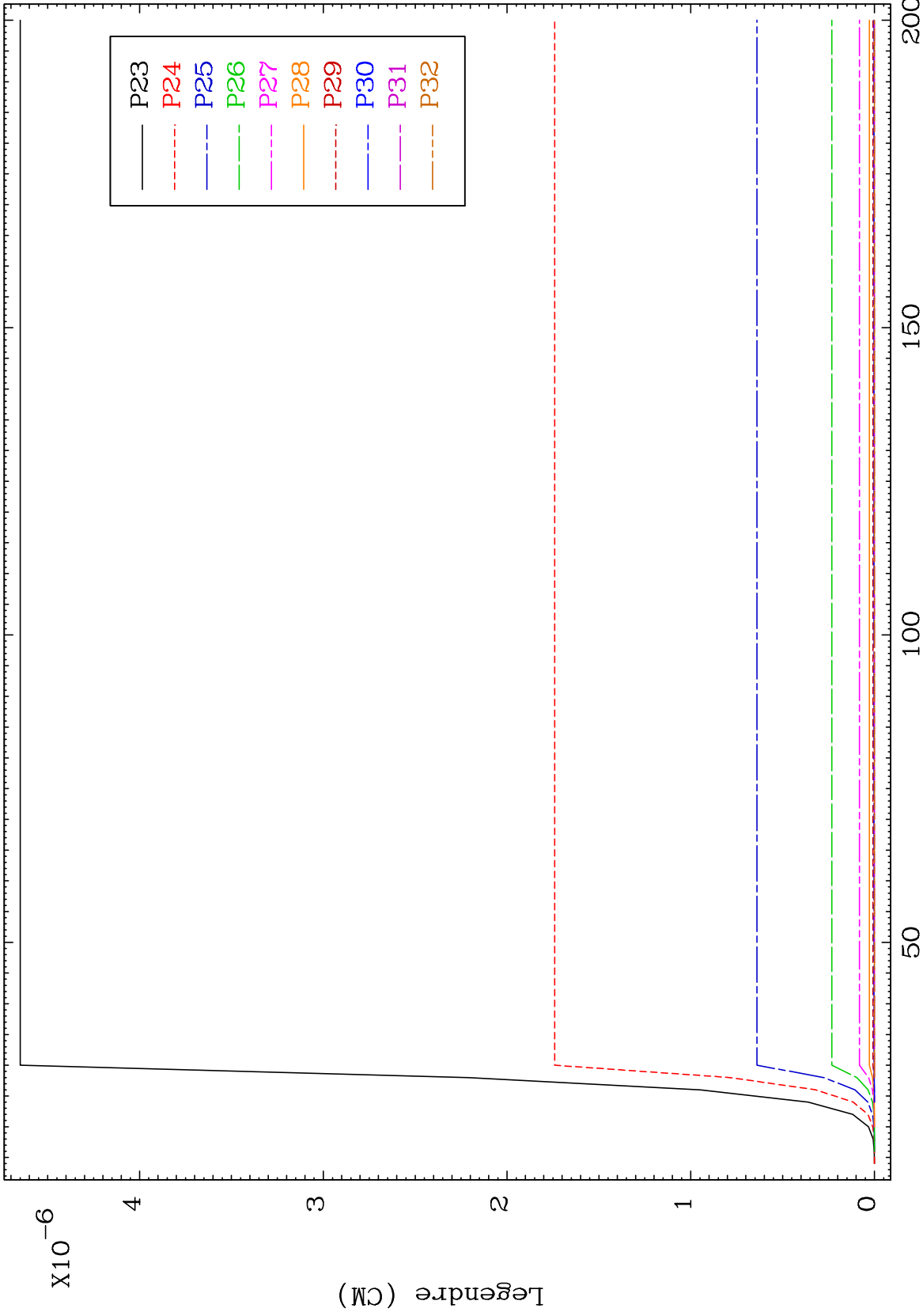
73

27-Co-59

MAT 2725

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

27-Co-59



74

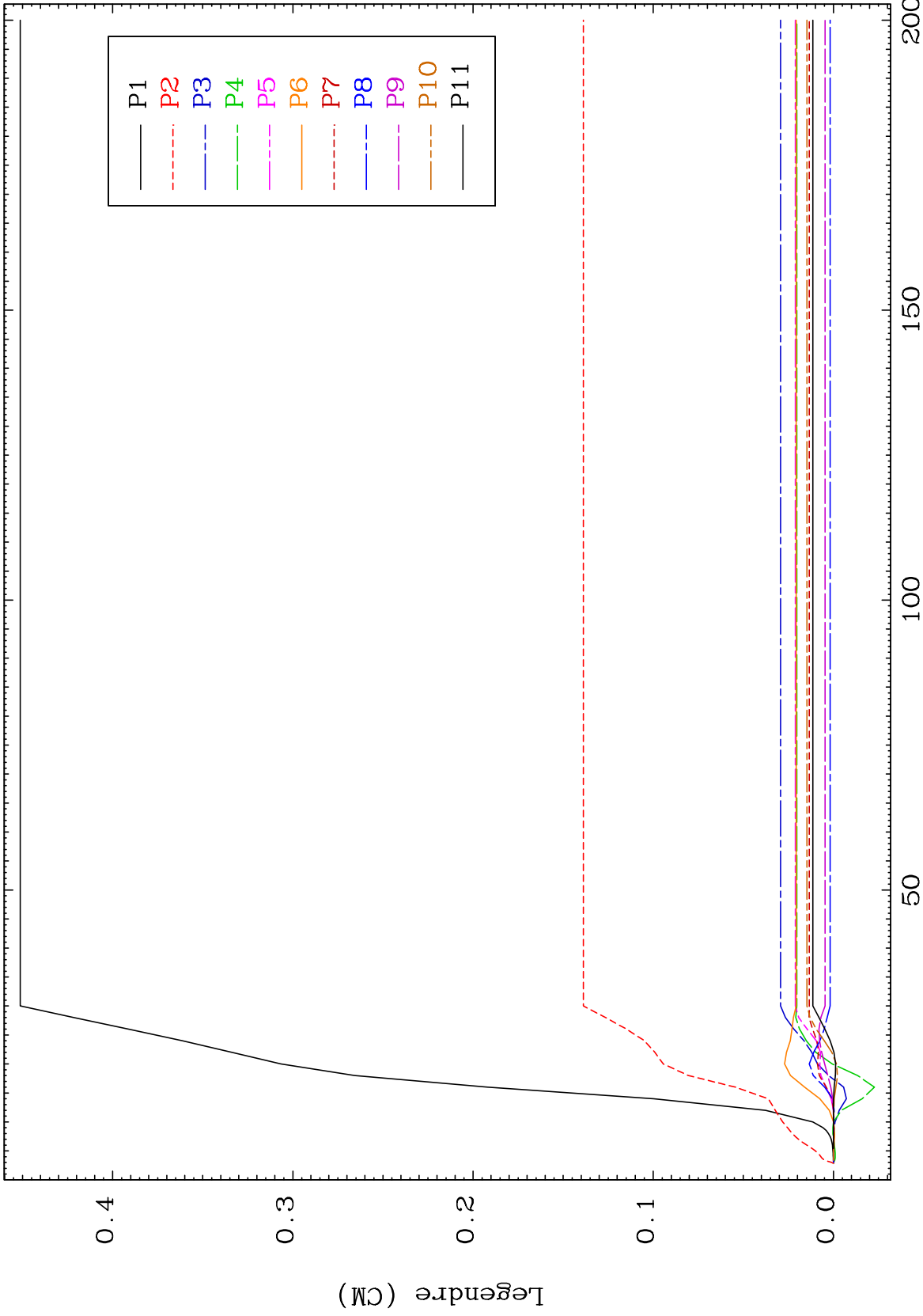
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



75

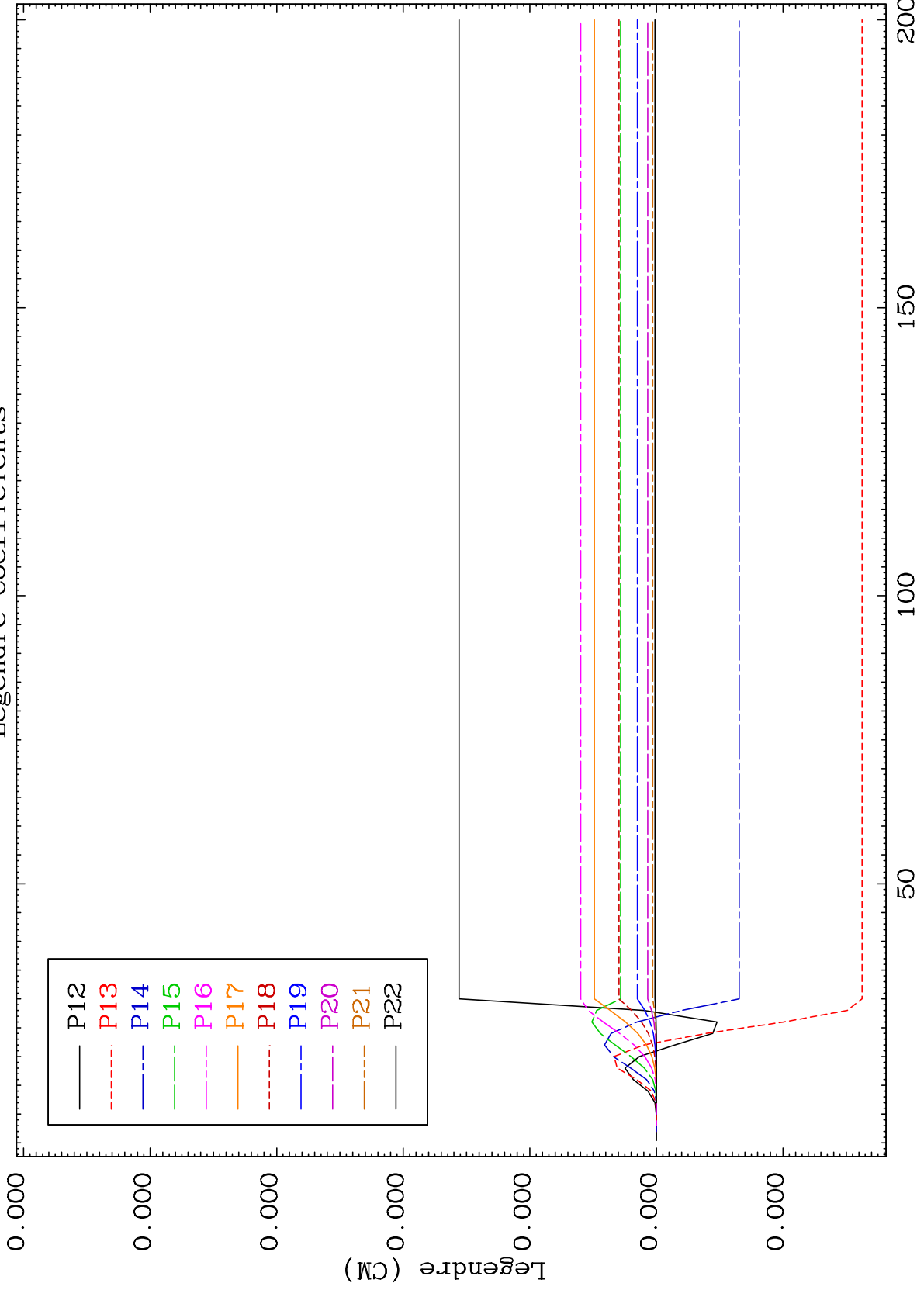
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



76

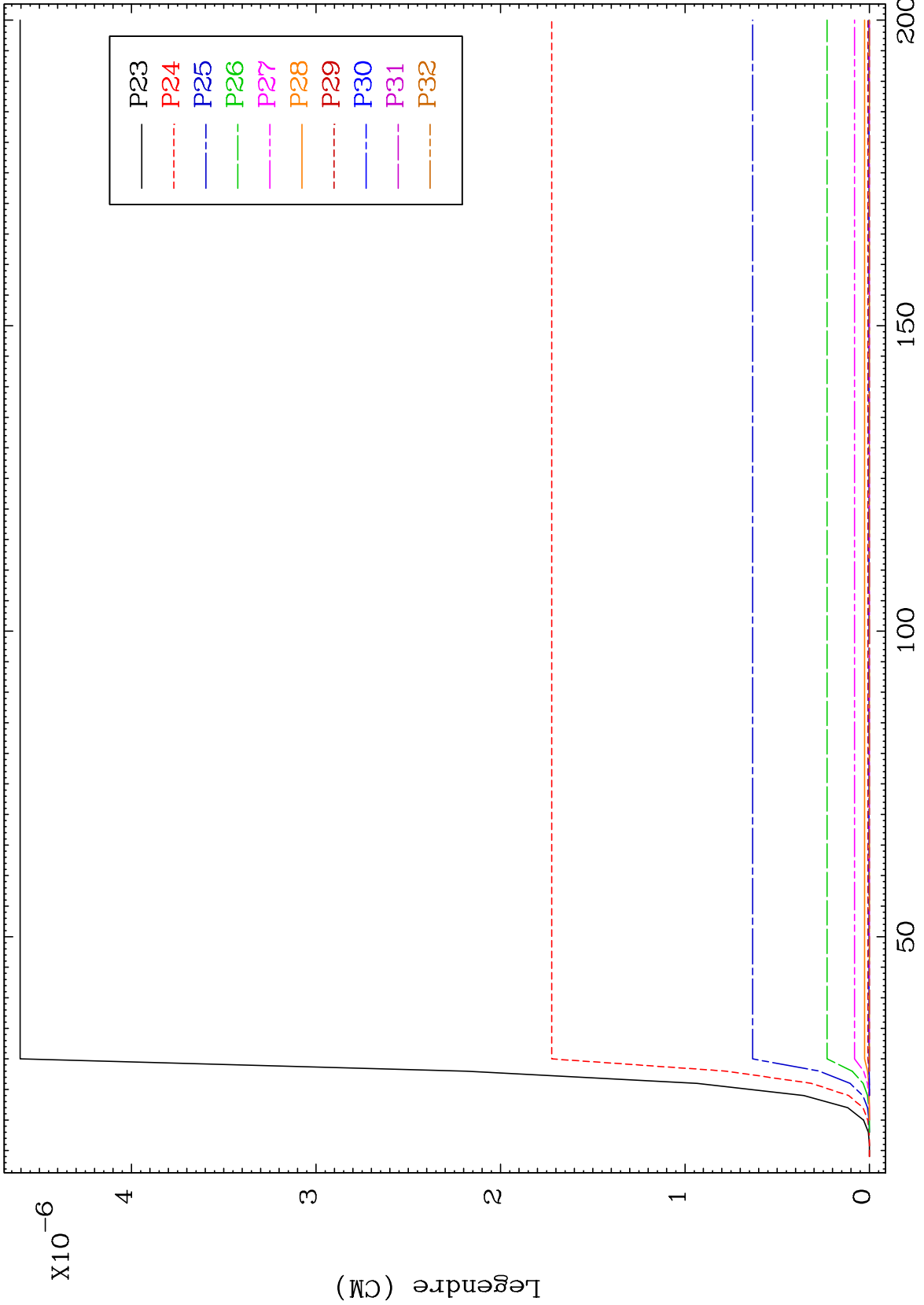
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59

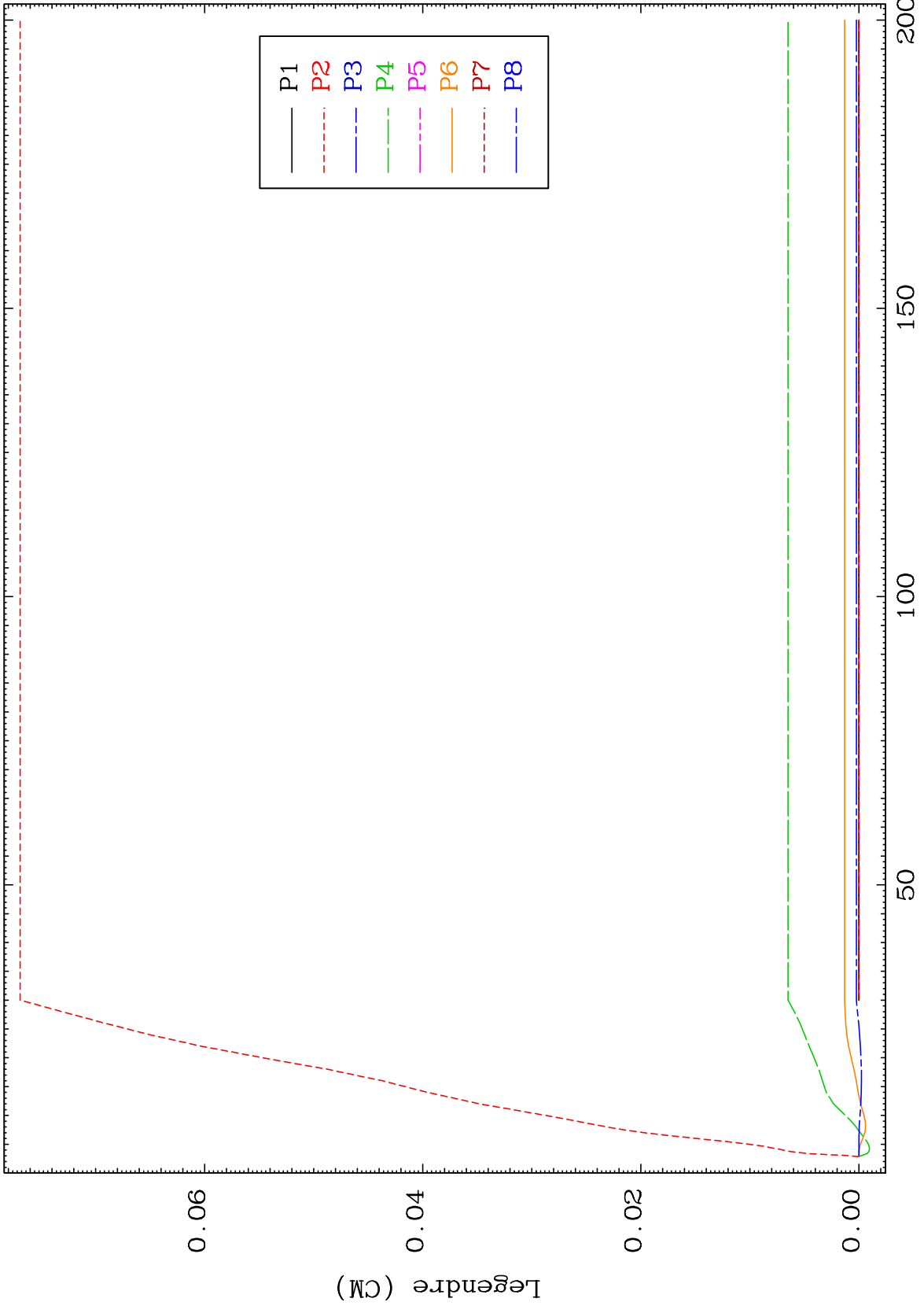


77

Incident Energy (MeV)

27-Co-59

MAT 2725 MT= 71 (n,n') Level Legendre Coefficients 27-Co-59

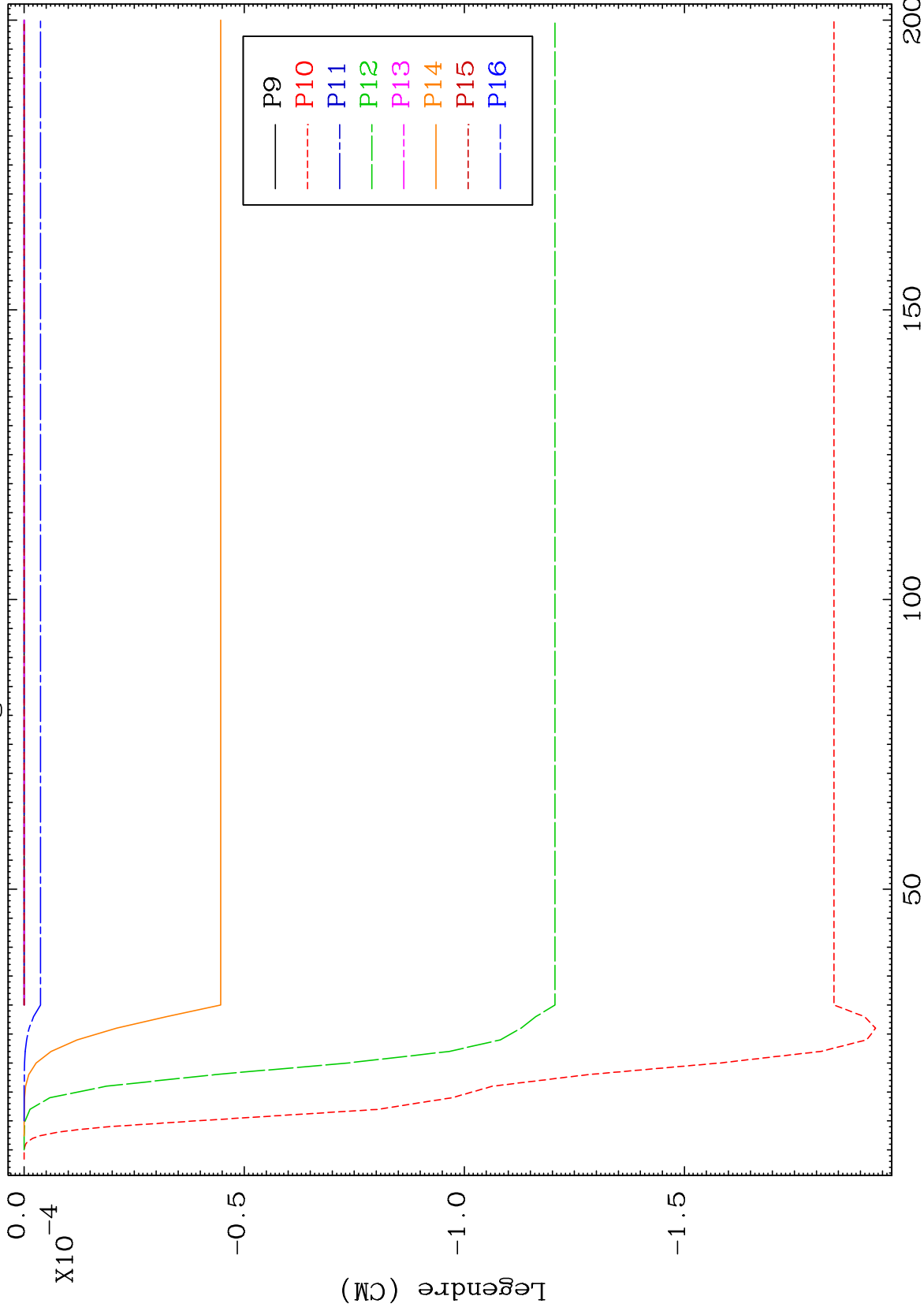


78 Incident Energy (MeV) 27-Co-59

MAT 2725

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

27-Co-59

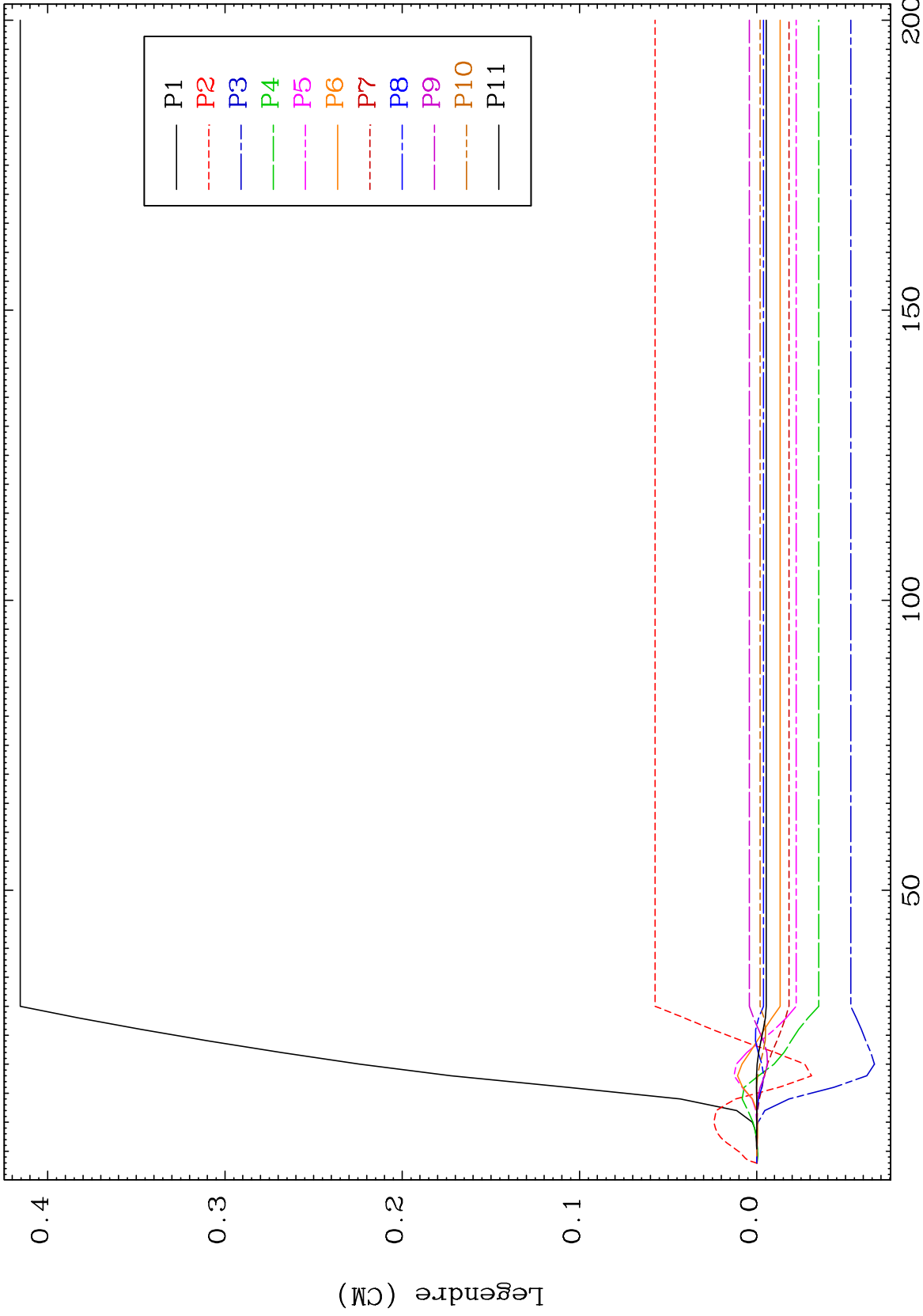


79

MAT 2725

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

27-Co-59



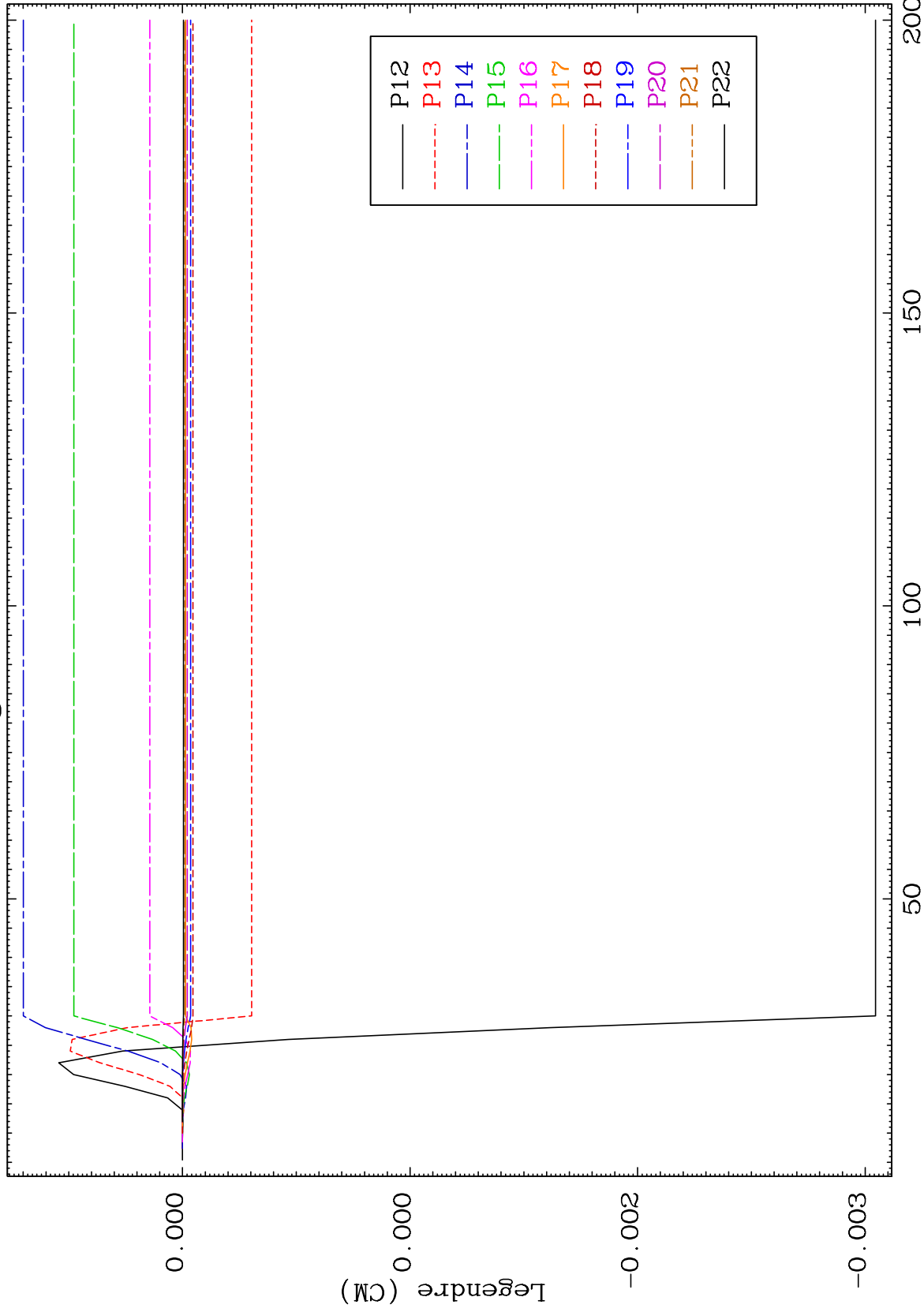
81

27-Co-59

MAT 2725

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

27-Co-59



82

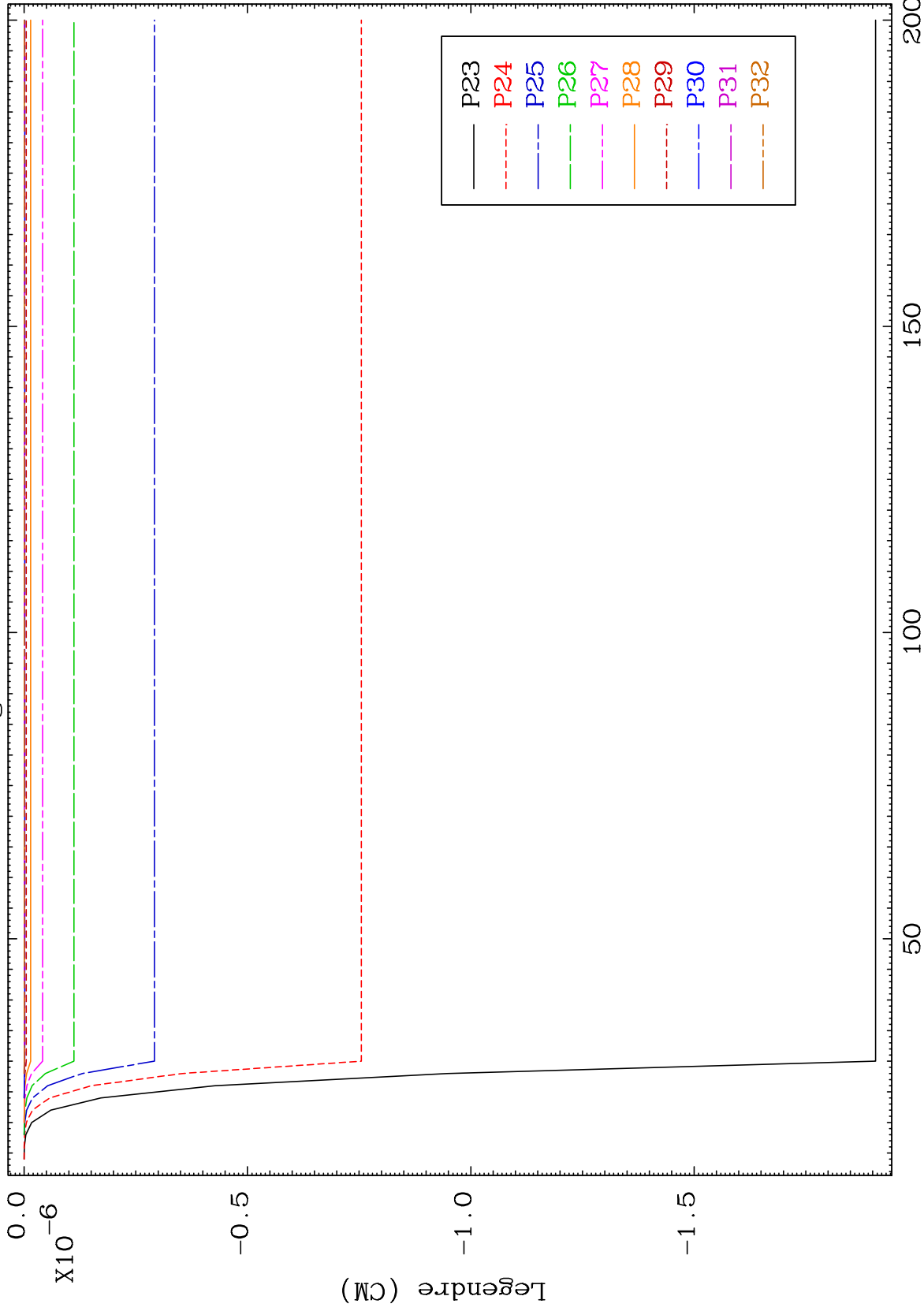
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



83

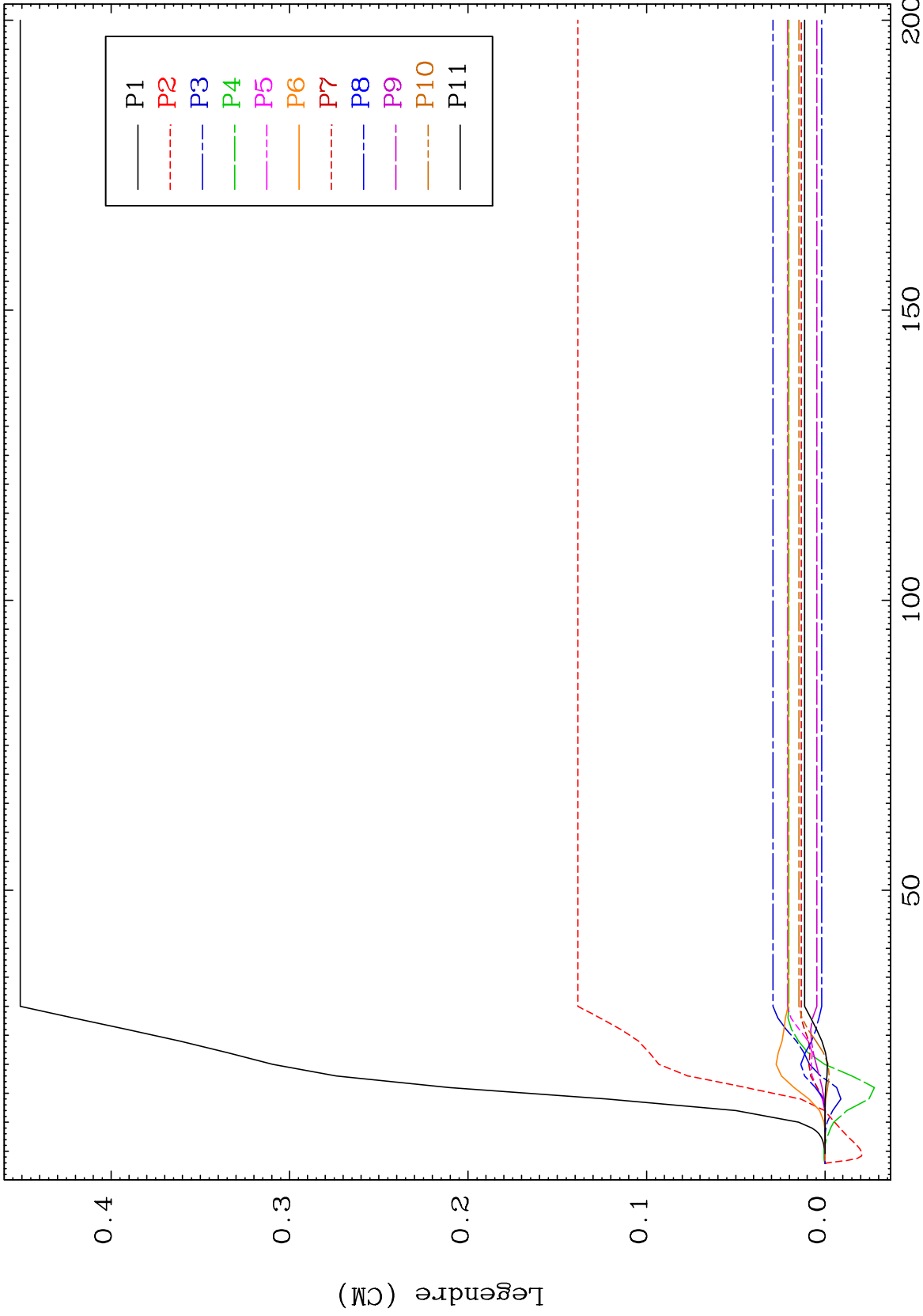
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



84

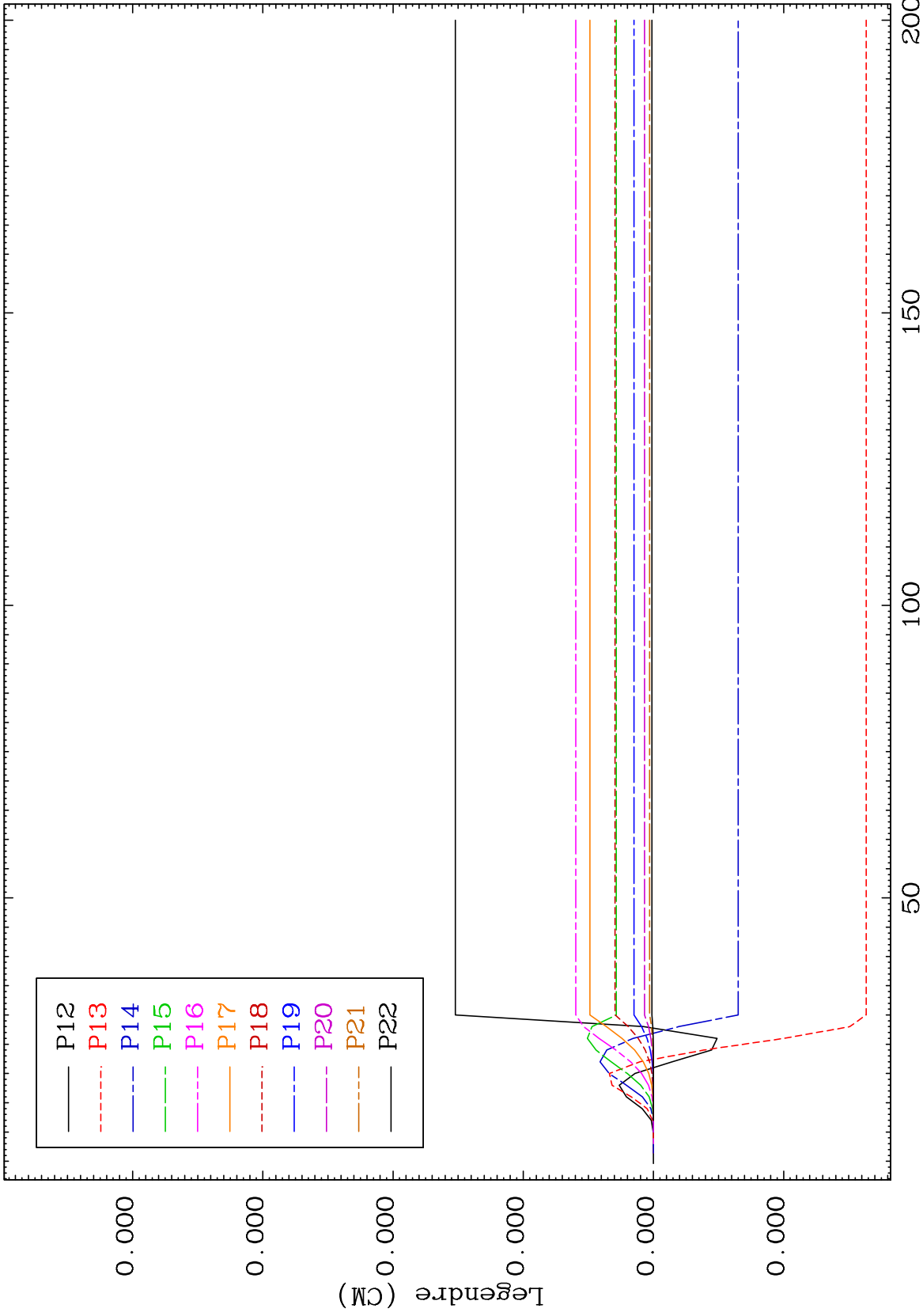
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



85

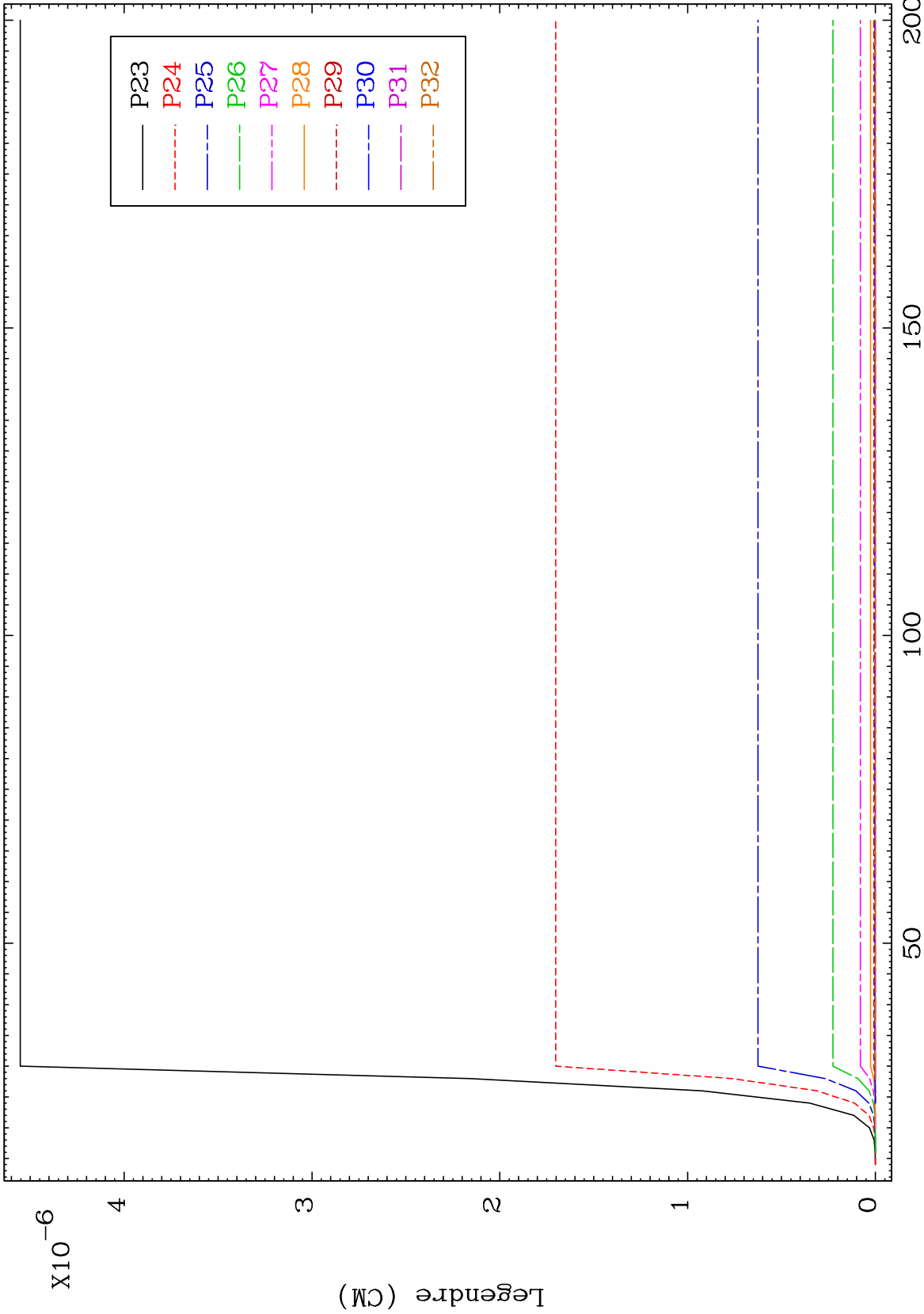
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



86

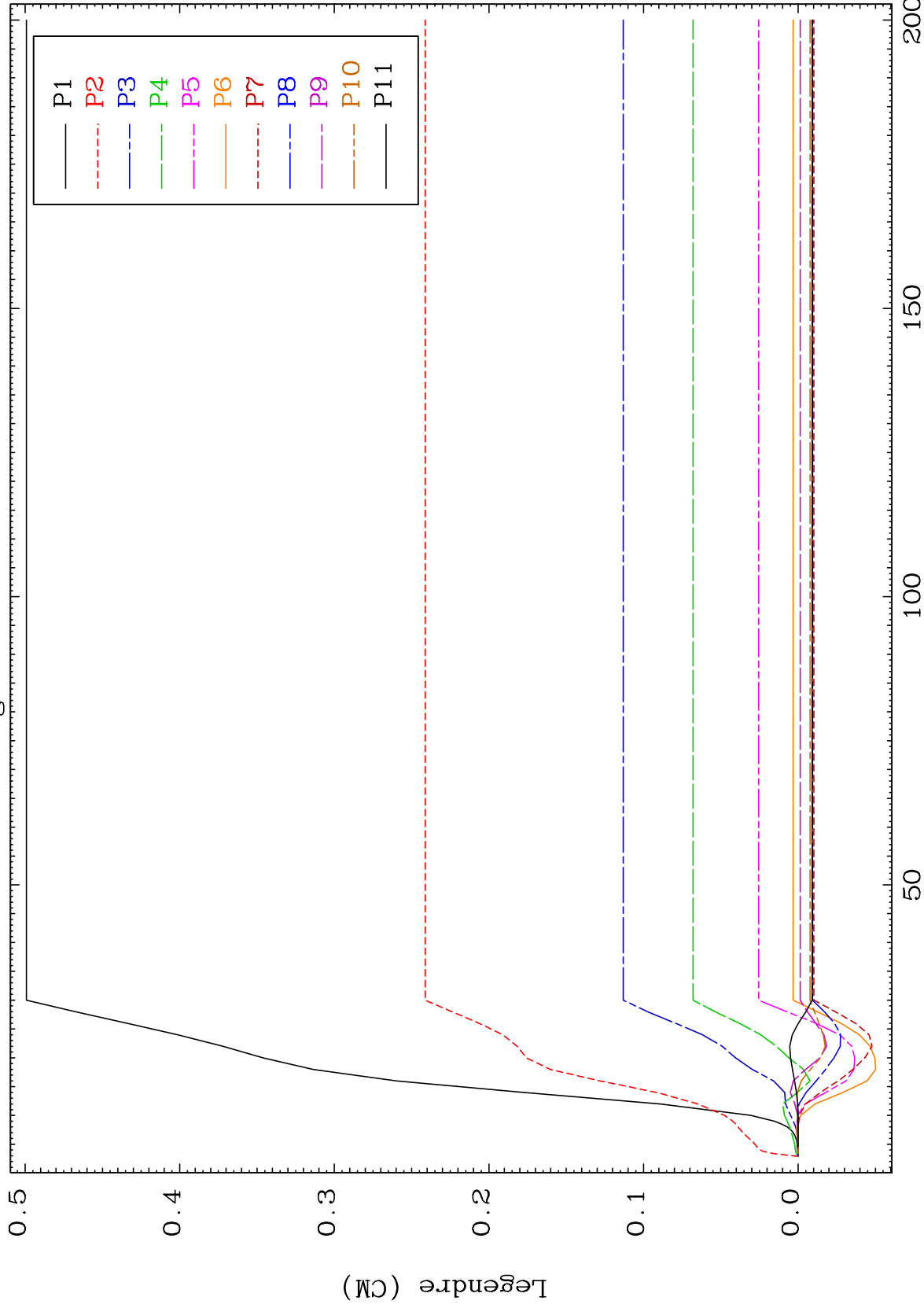
Incident Energy (MeV)

27-Co-59

MAT 2725

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

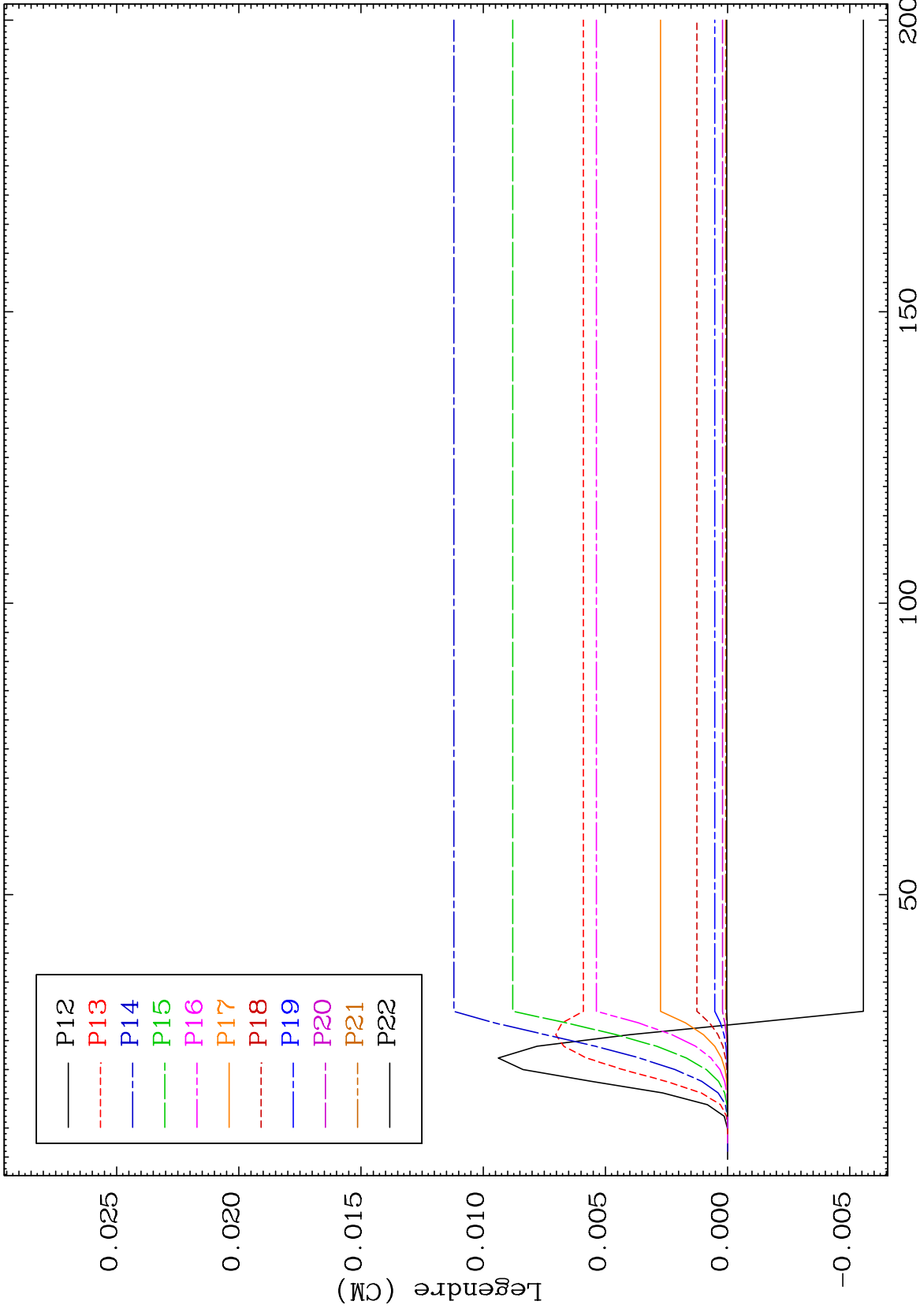
27-Co-59



87

Incident Energy (MeV)

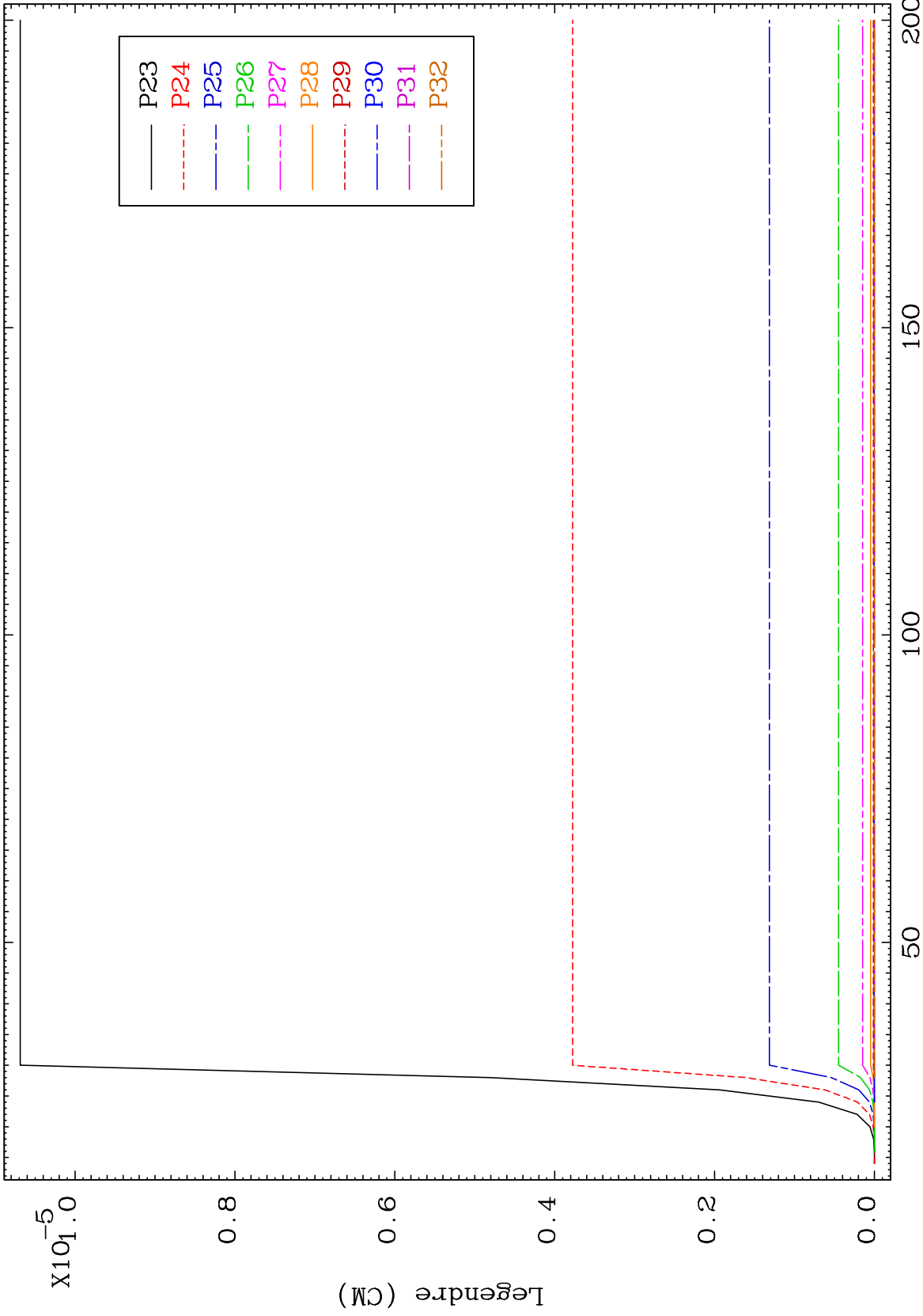
27-Co-59



MAT 2725

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

27-Co-59



89

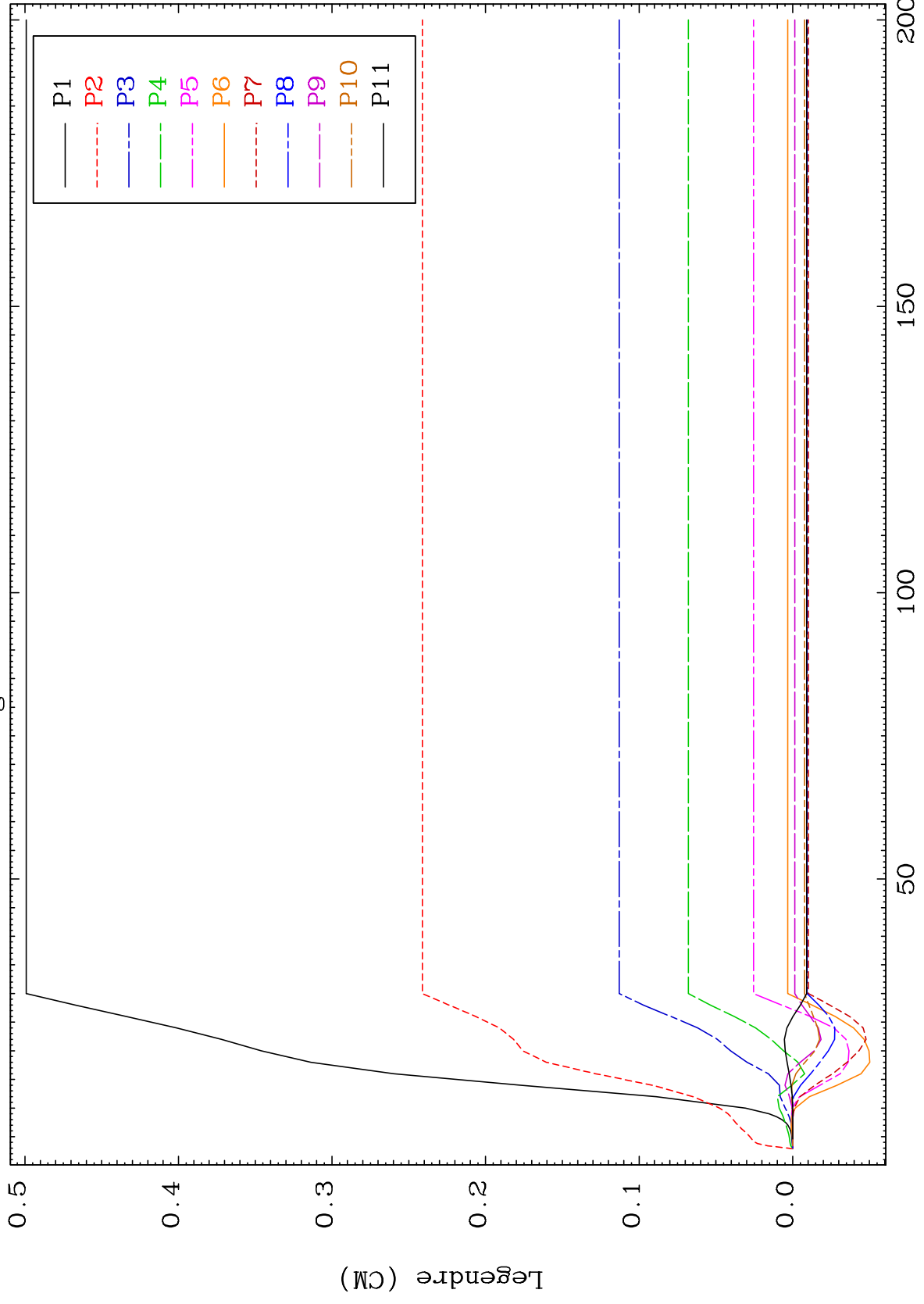
Incident Energy (MeV)

27-Co-59

MAT 2725

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

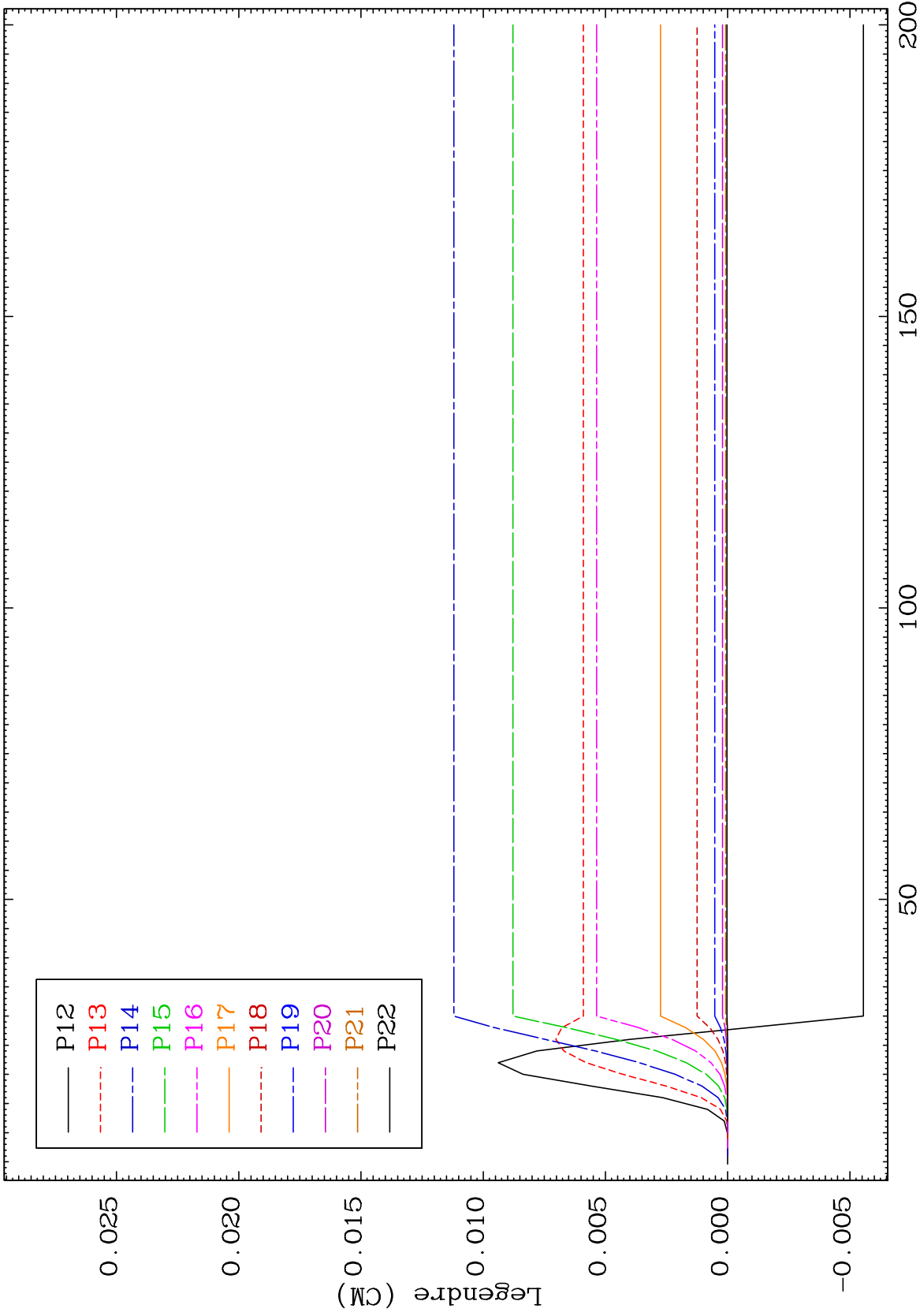
27-Co-59



90

Incident Energy (MeV)

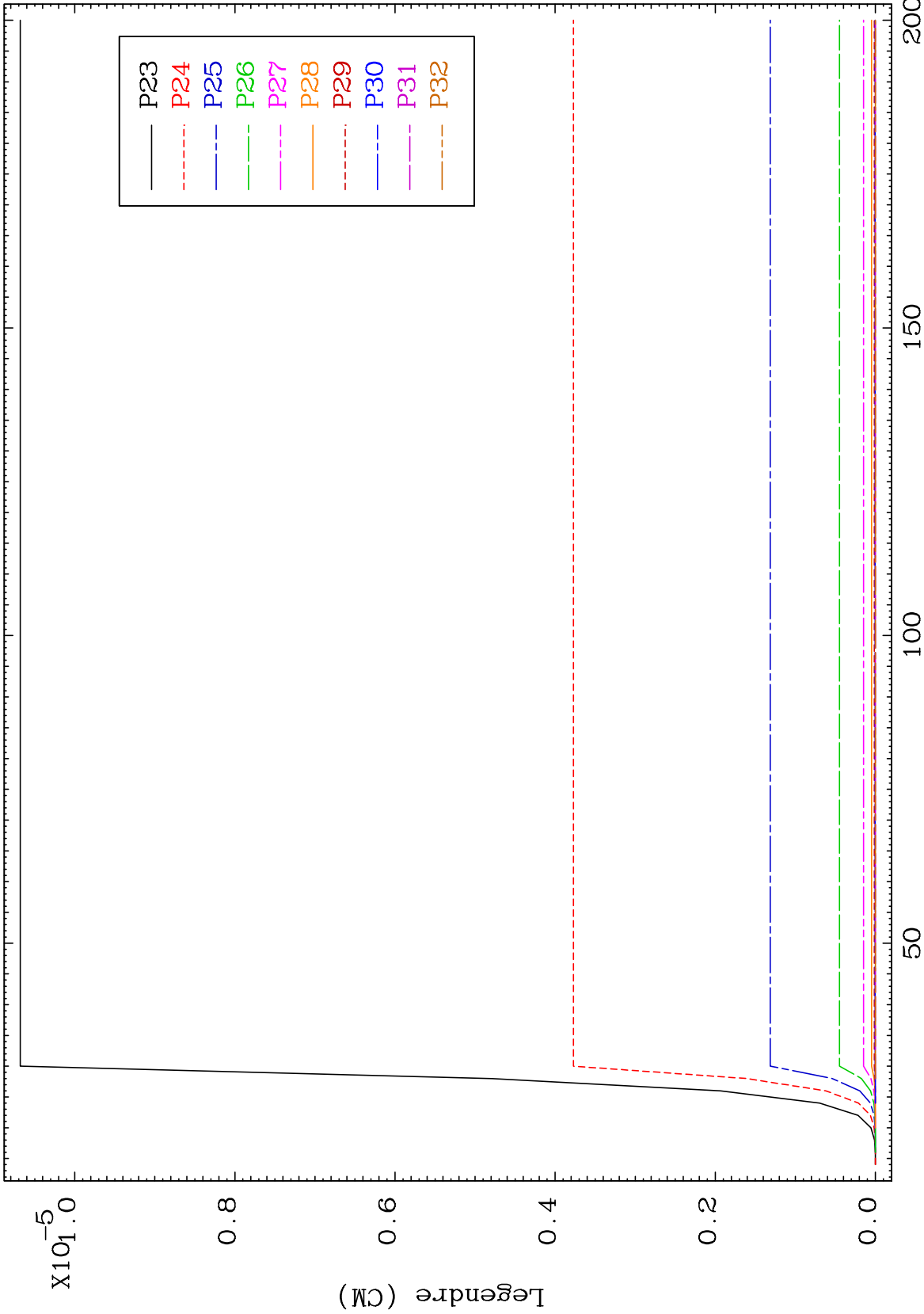
27-Co-59



MAT 2725

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

27-Co-59



92

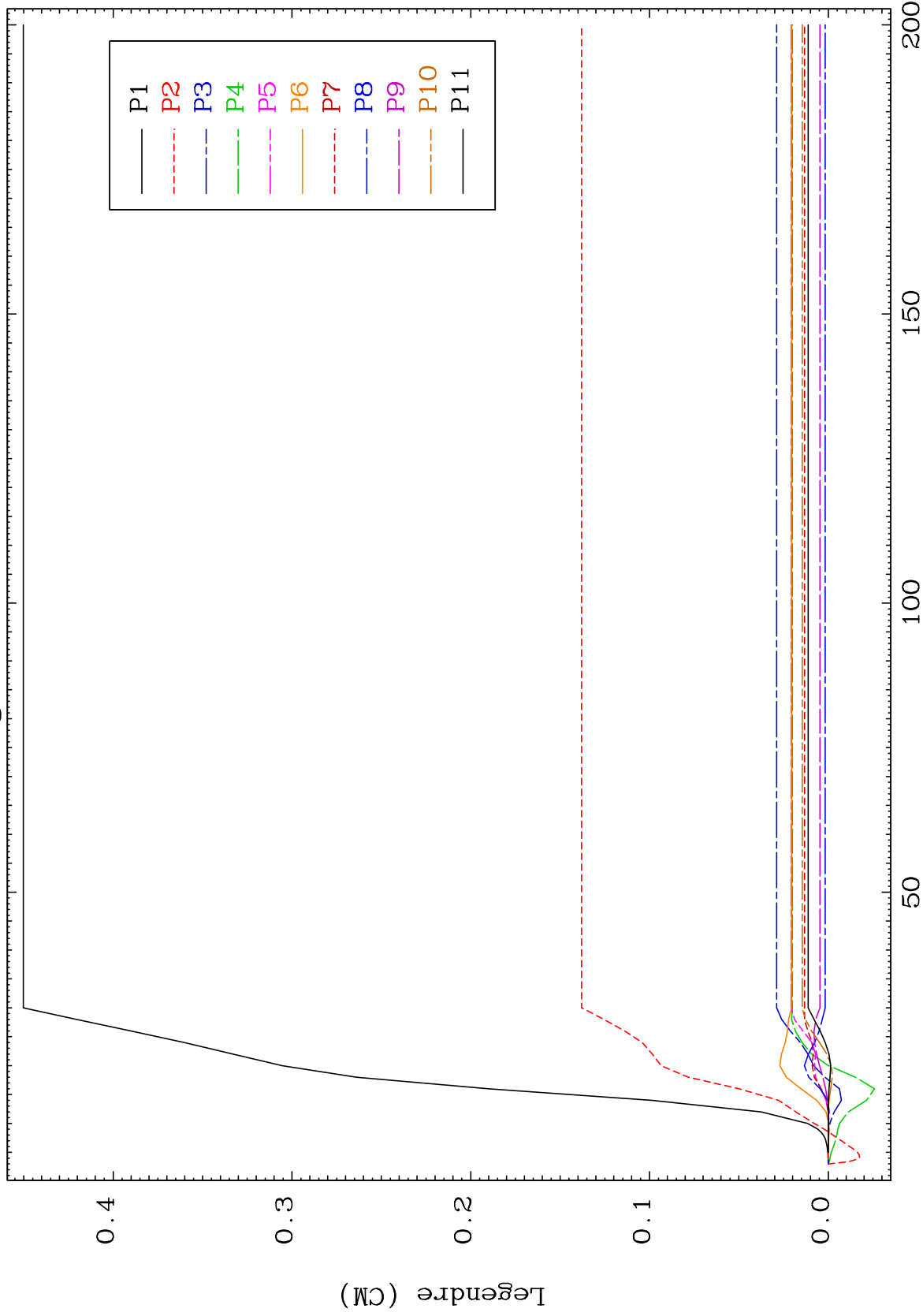
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



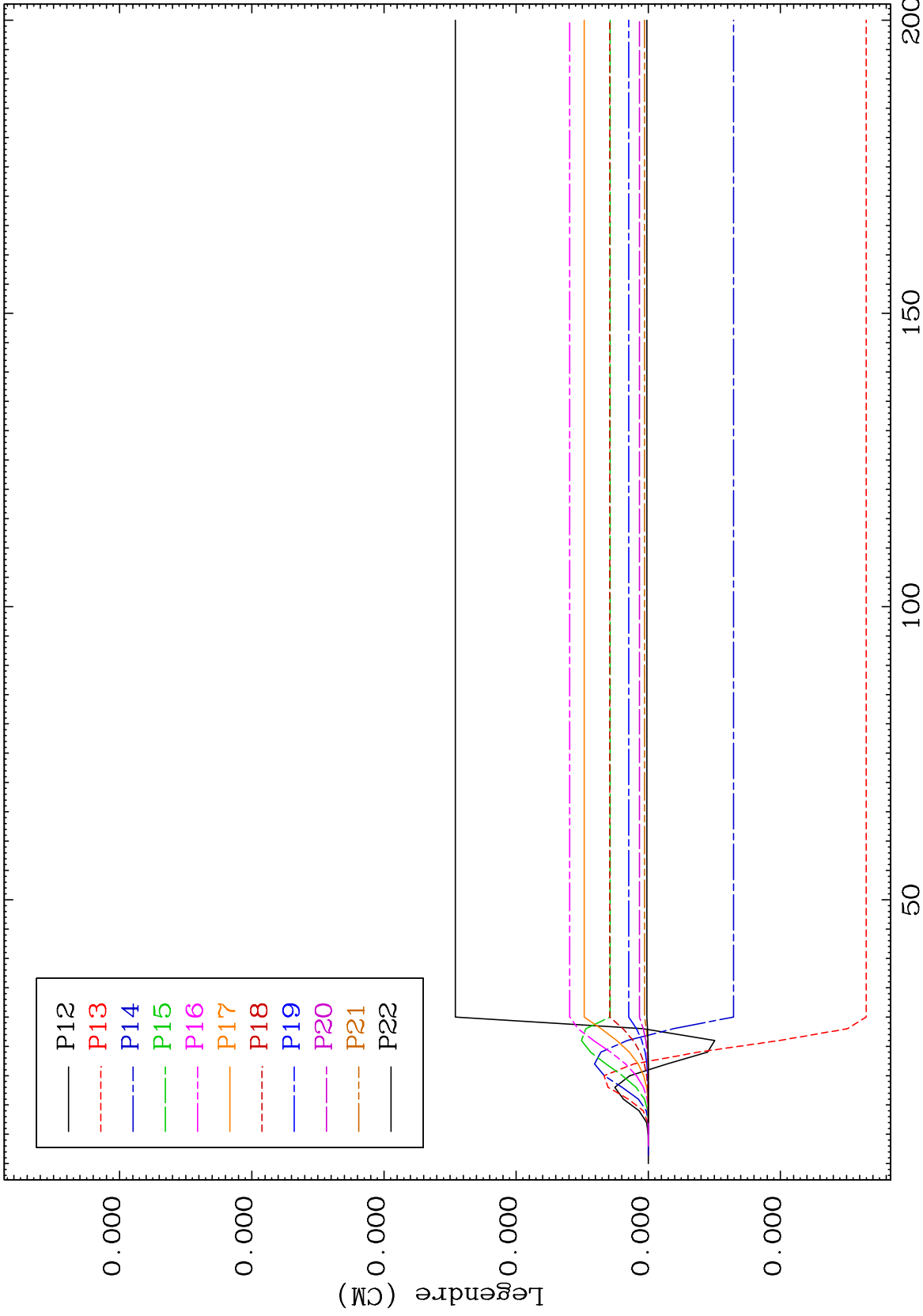
93

27-Co-59

MAT 2725

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

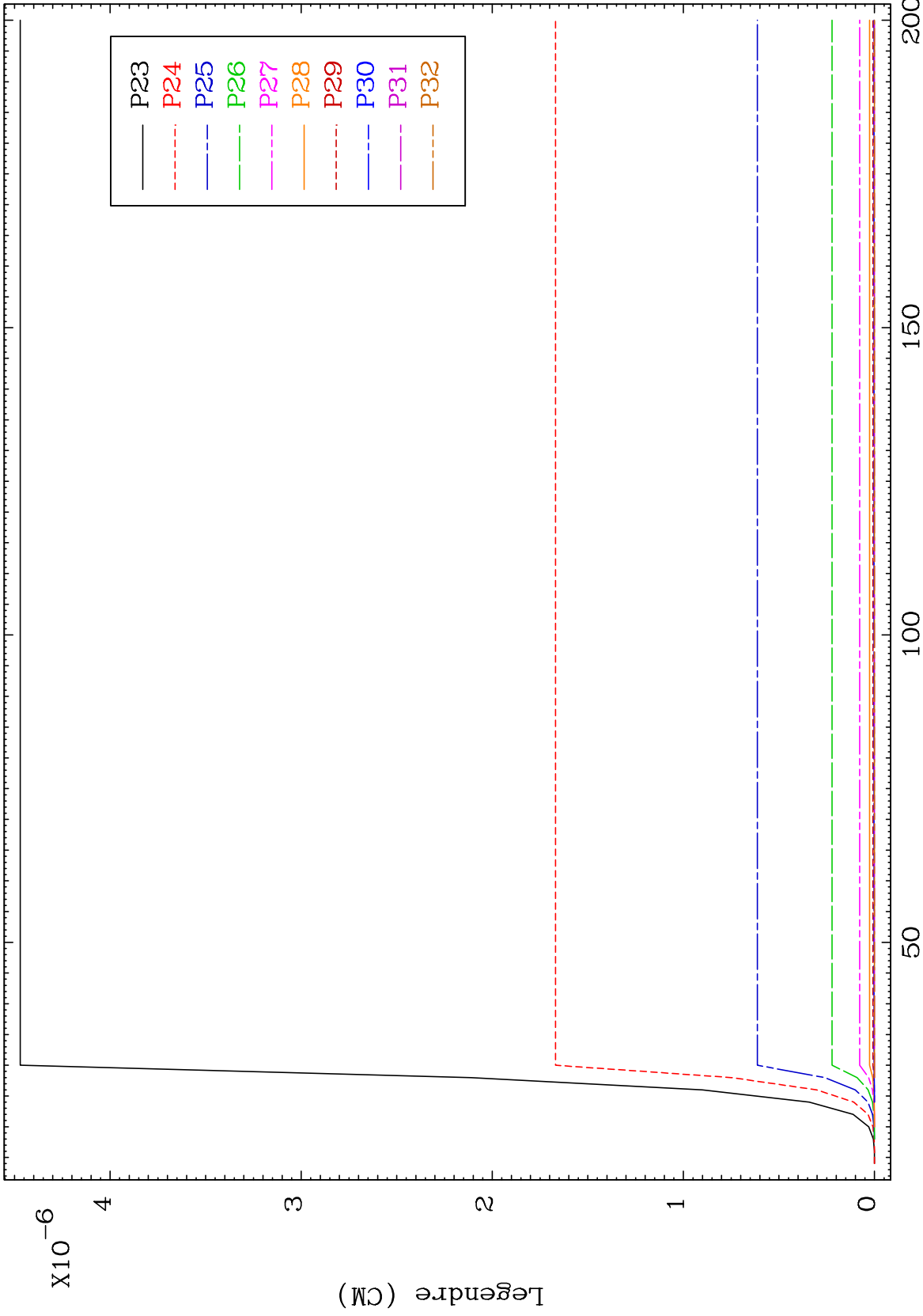
27-Co-59



MAT 2725

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

27-Co-59



95

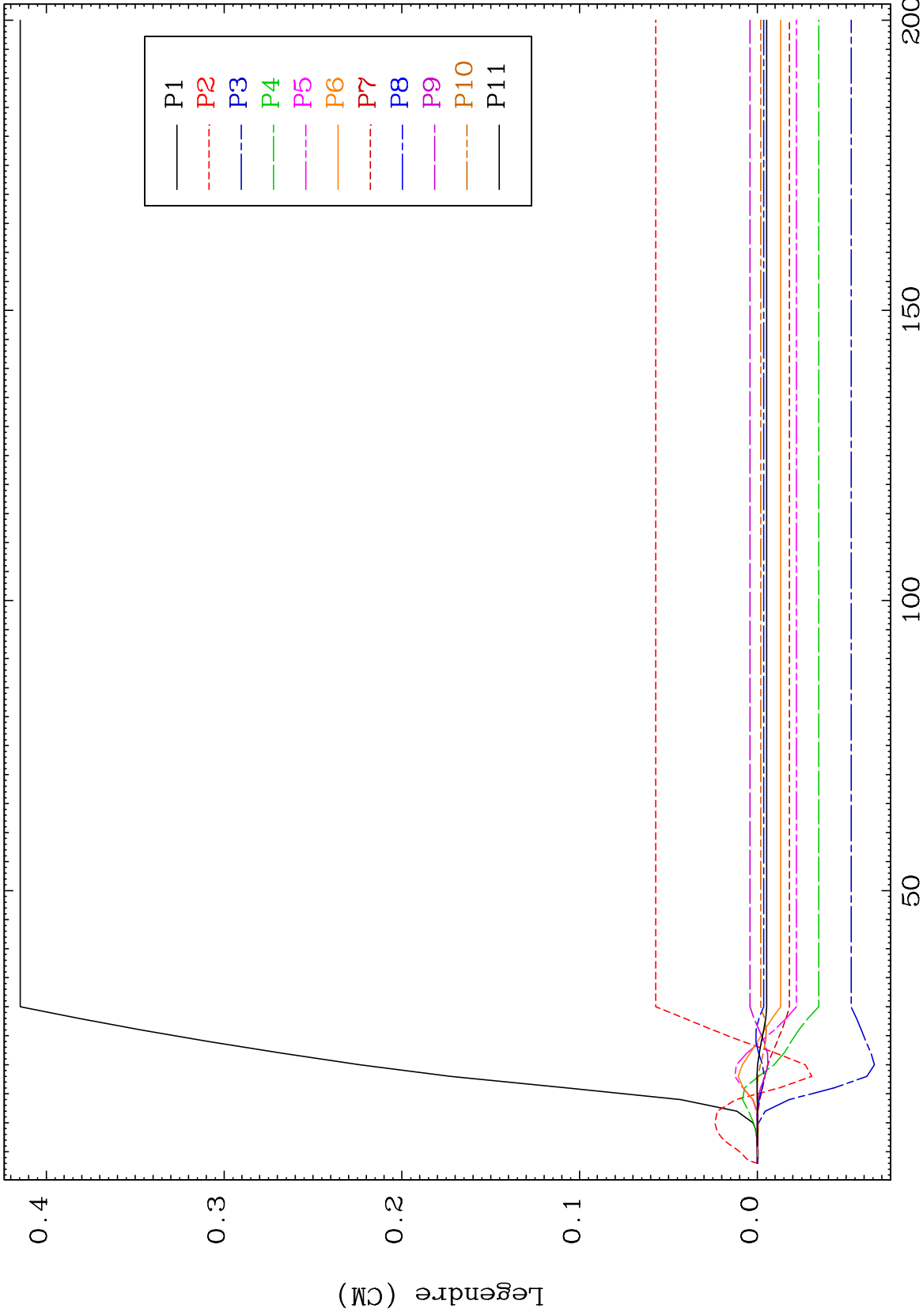
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



96

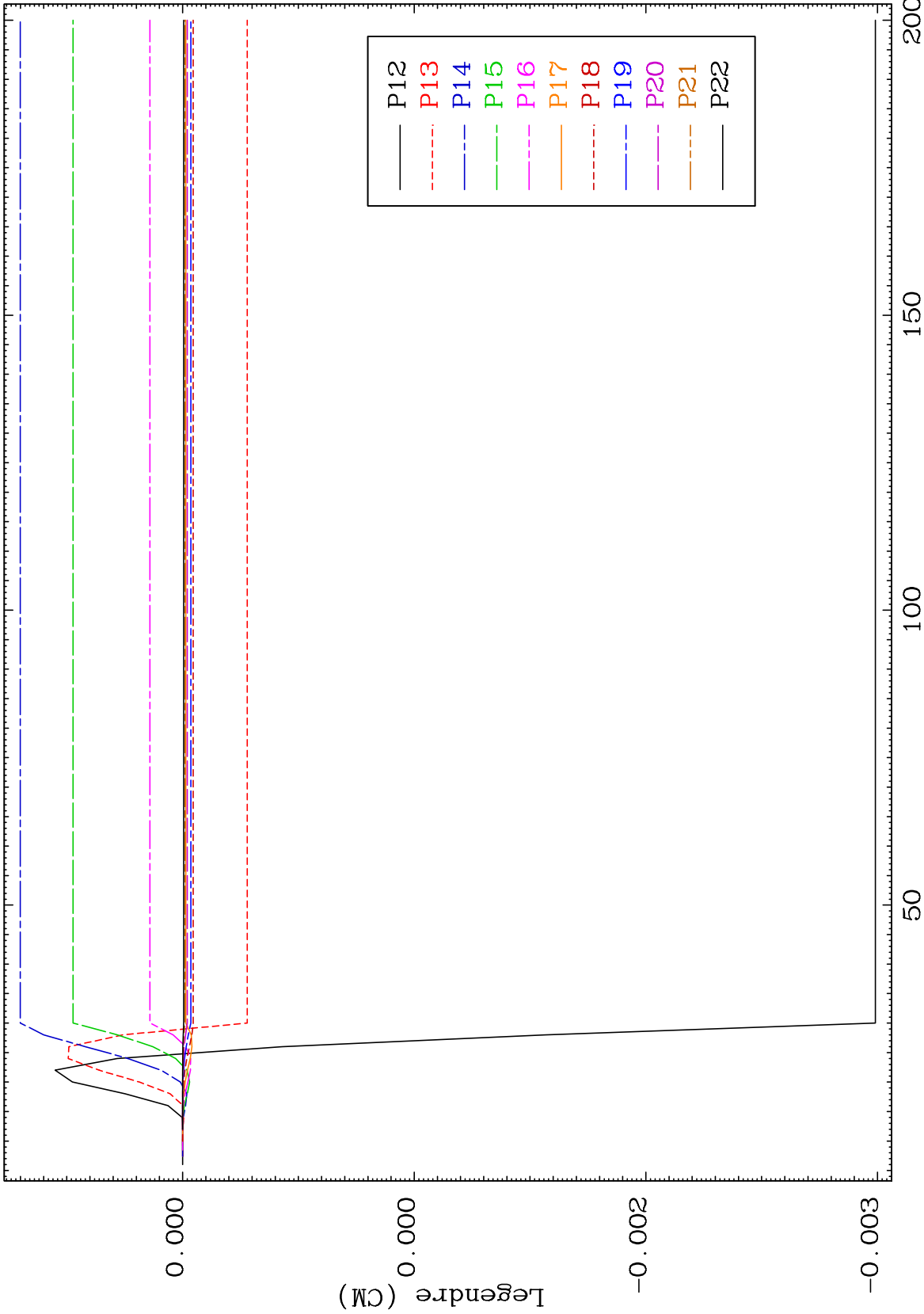
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



97

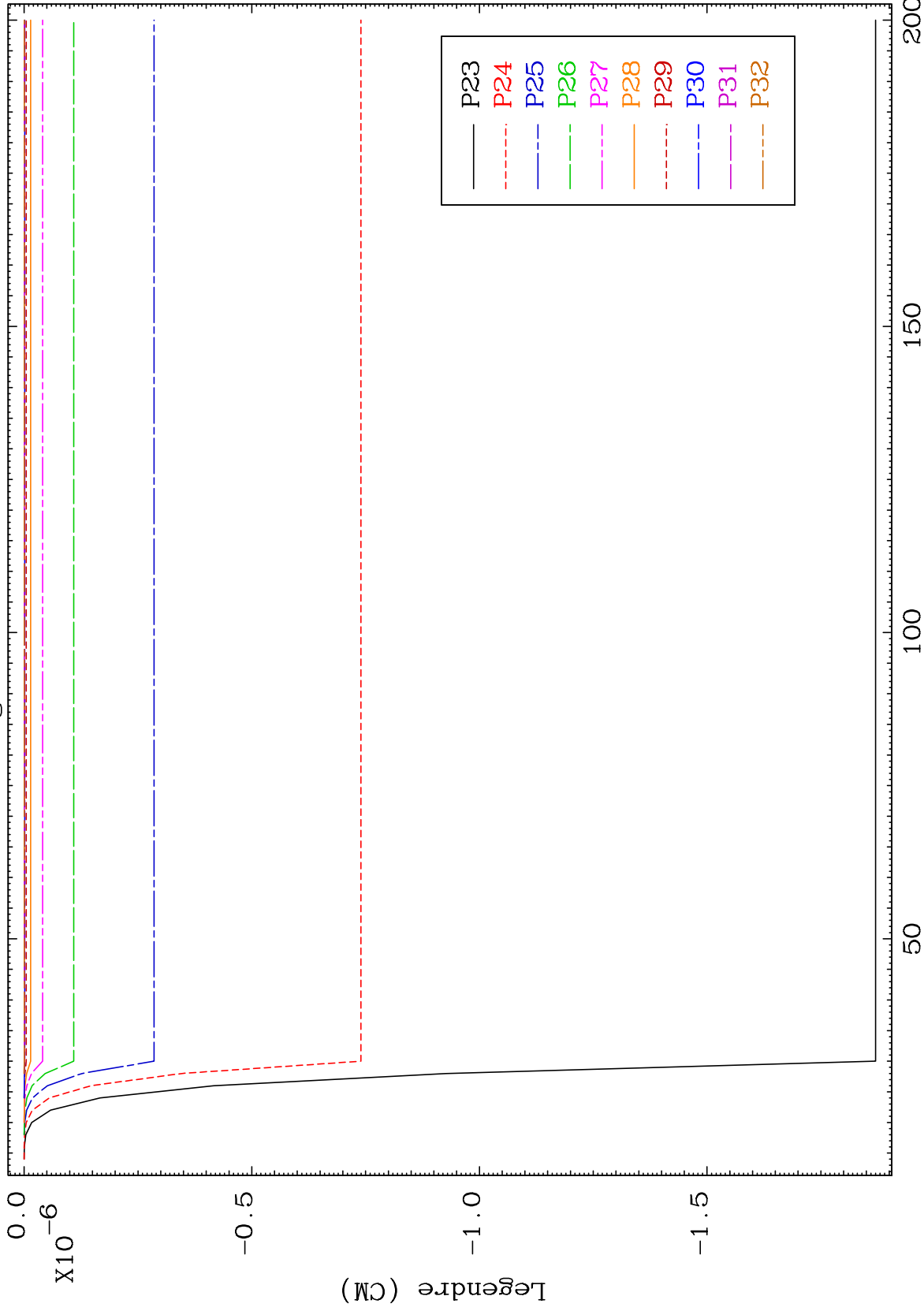
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59

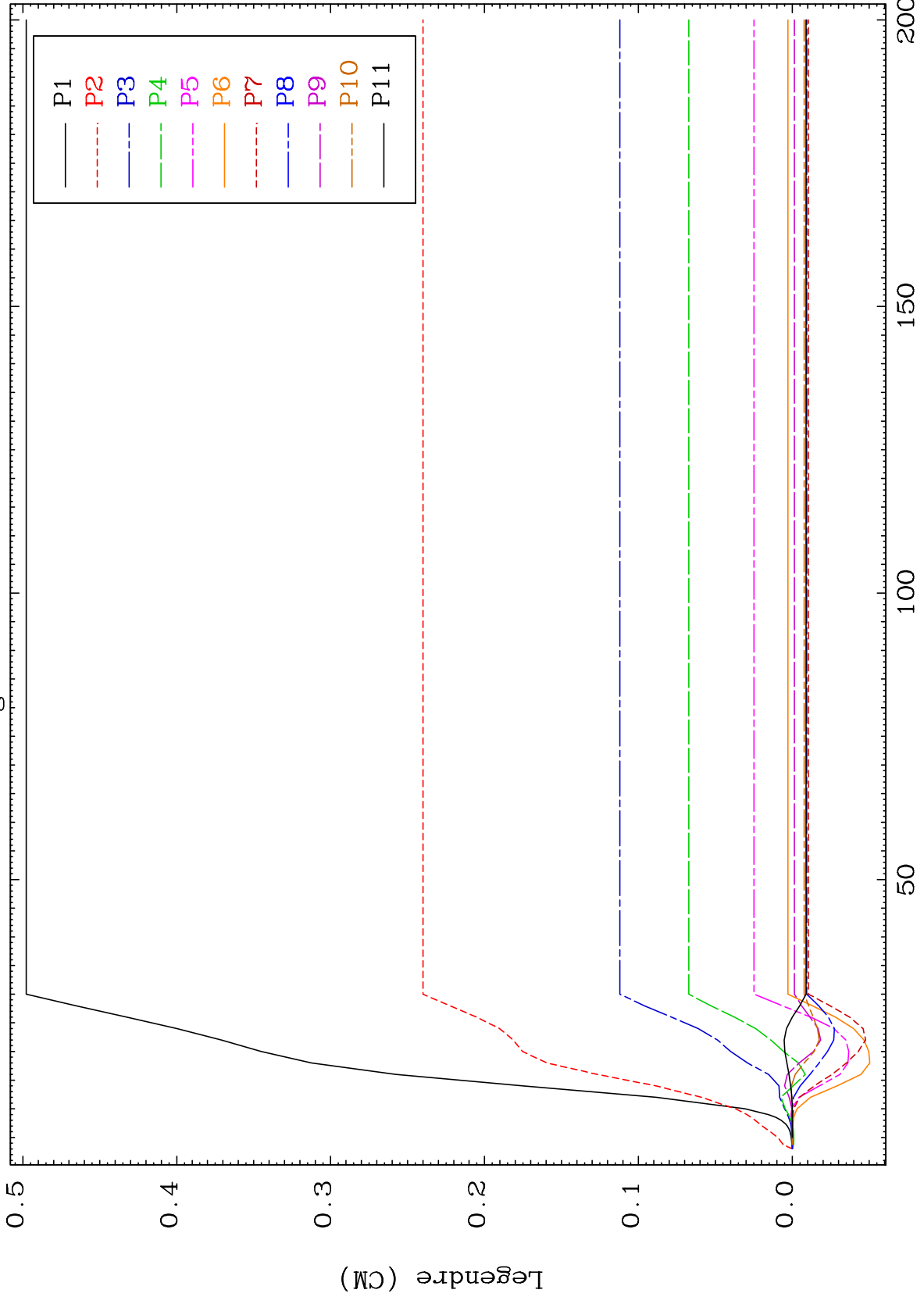


98

Incident Energy (MeV)

27-Co-59

MAT 2725 MT= 78 (n,n') Level Legendre Coefficients 27-Co-59

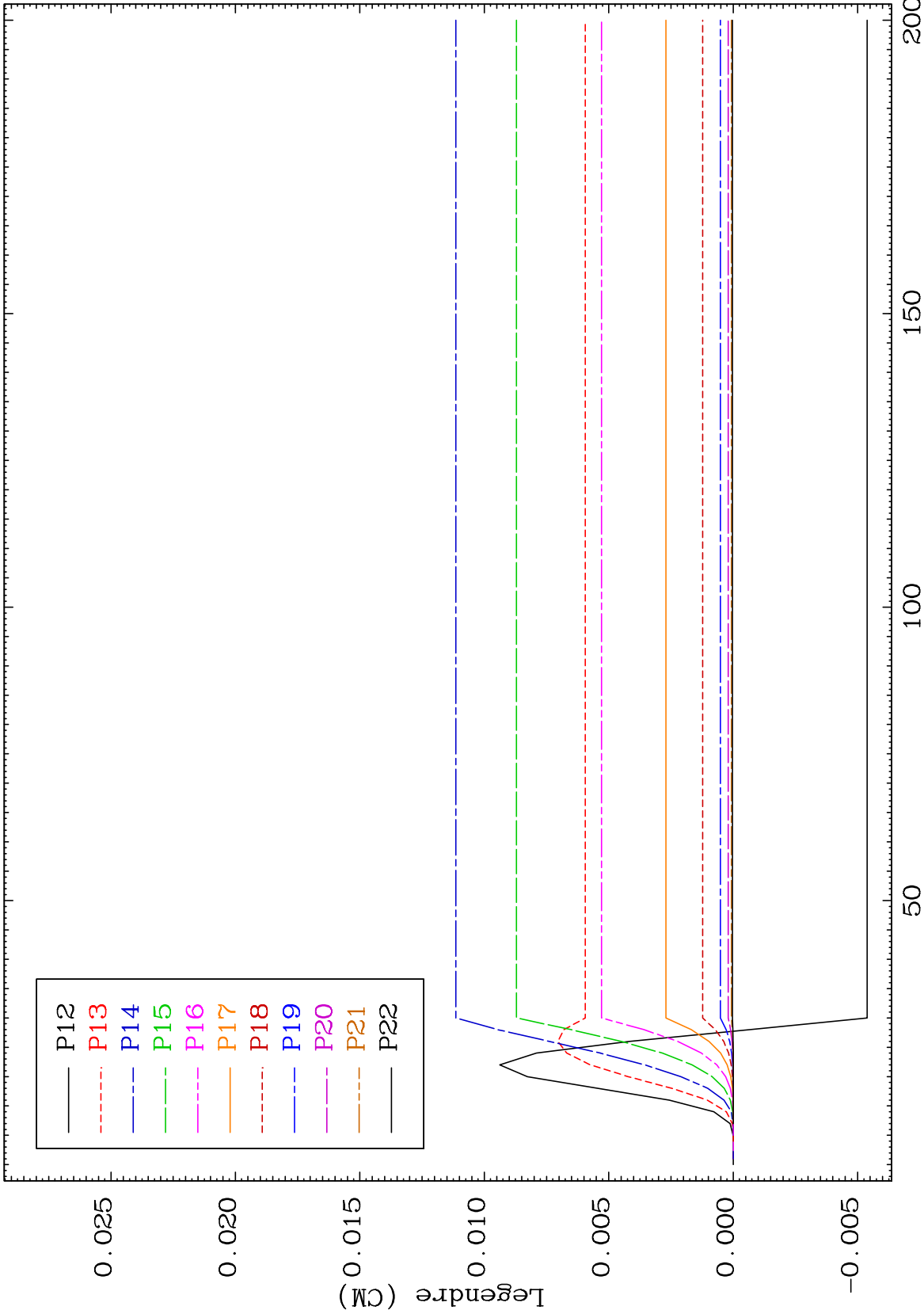


99 27-Co-59

MAT 2725

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

27-Co-59



100

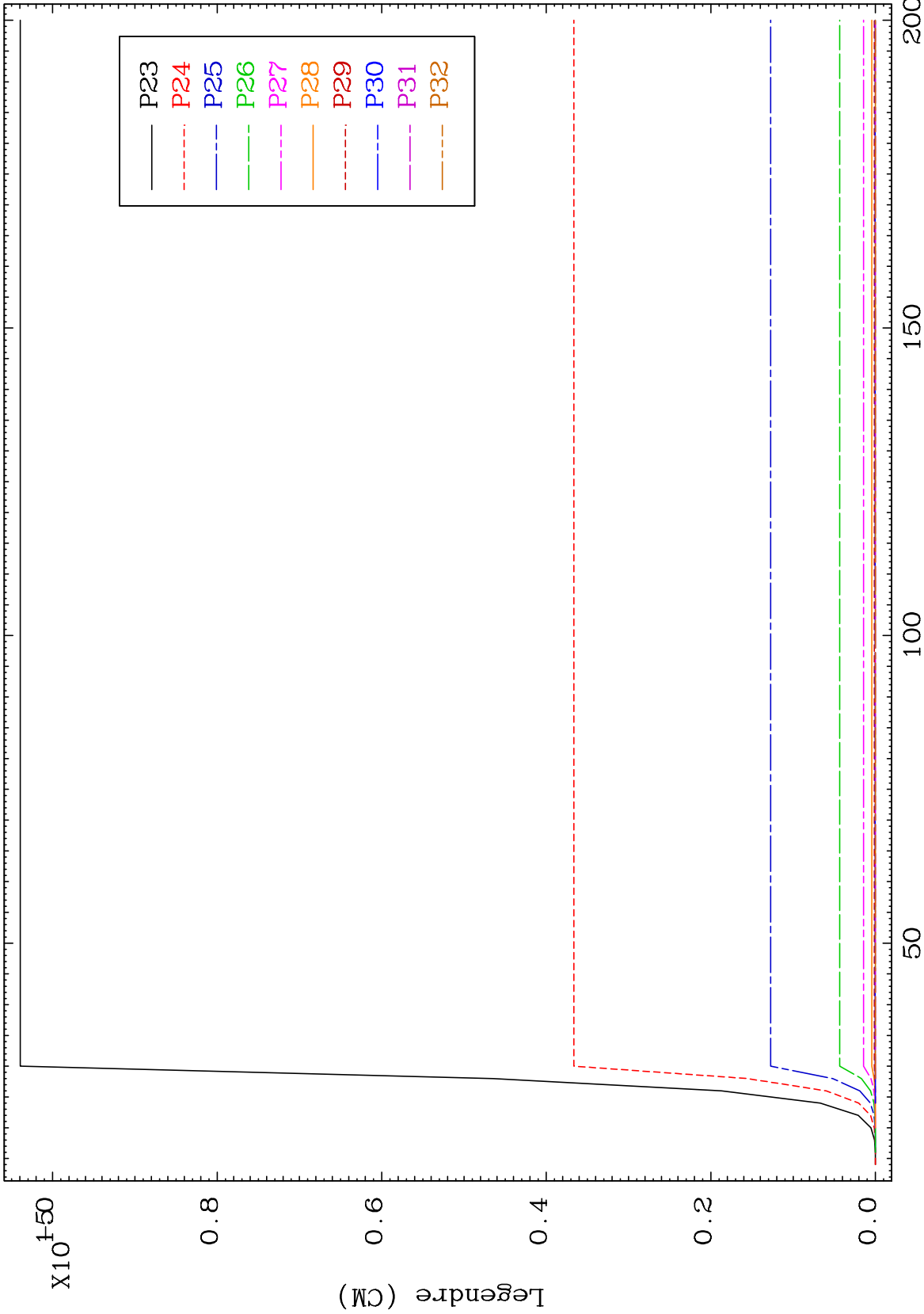
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



101

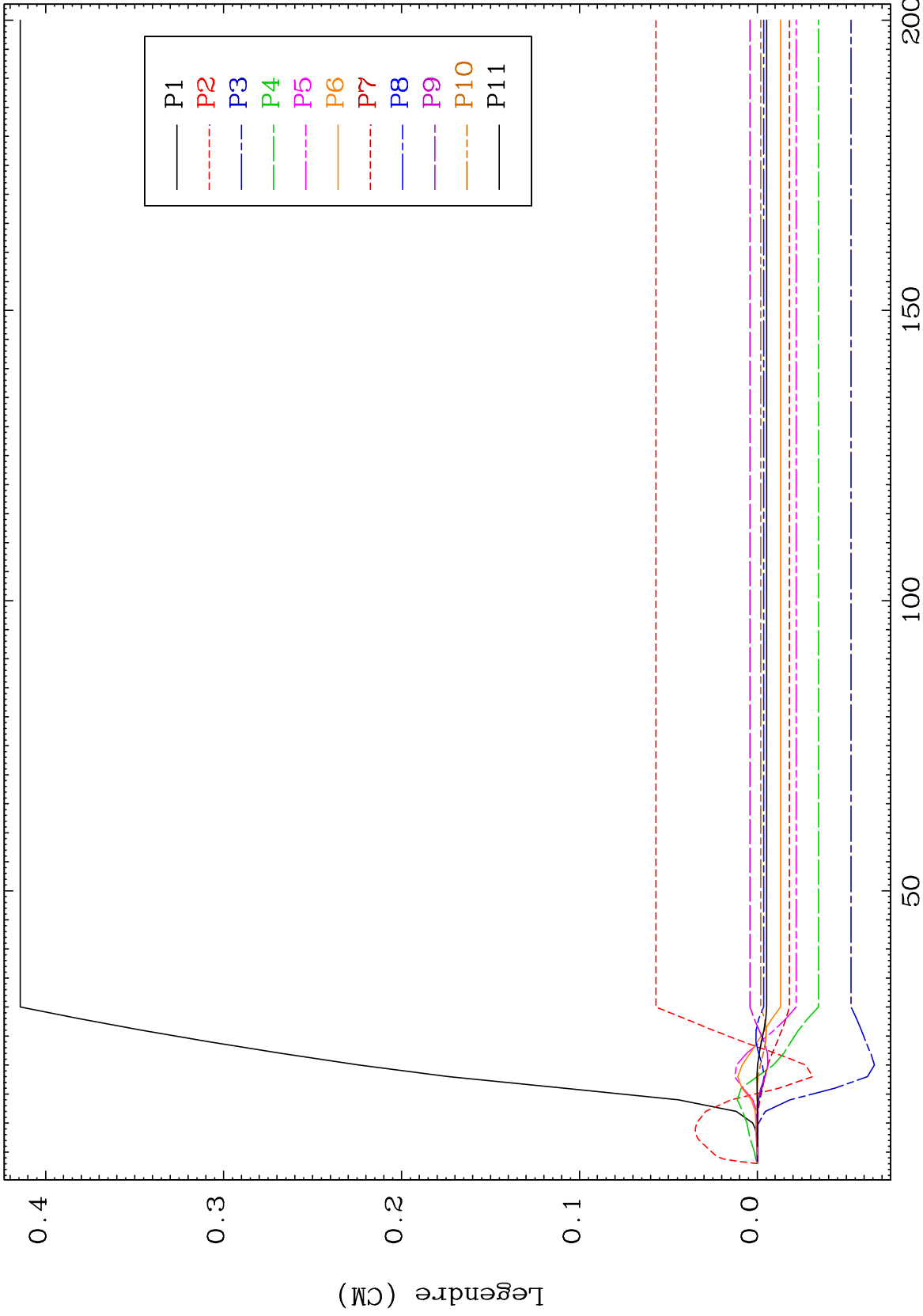
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



102

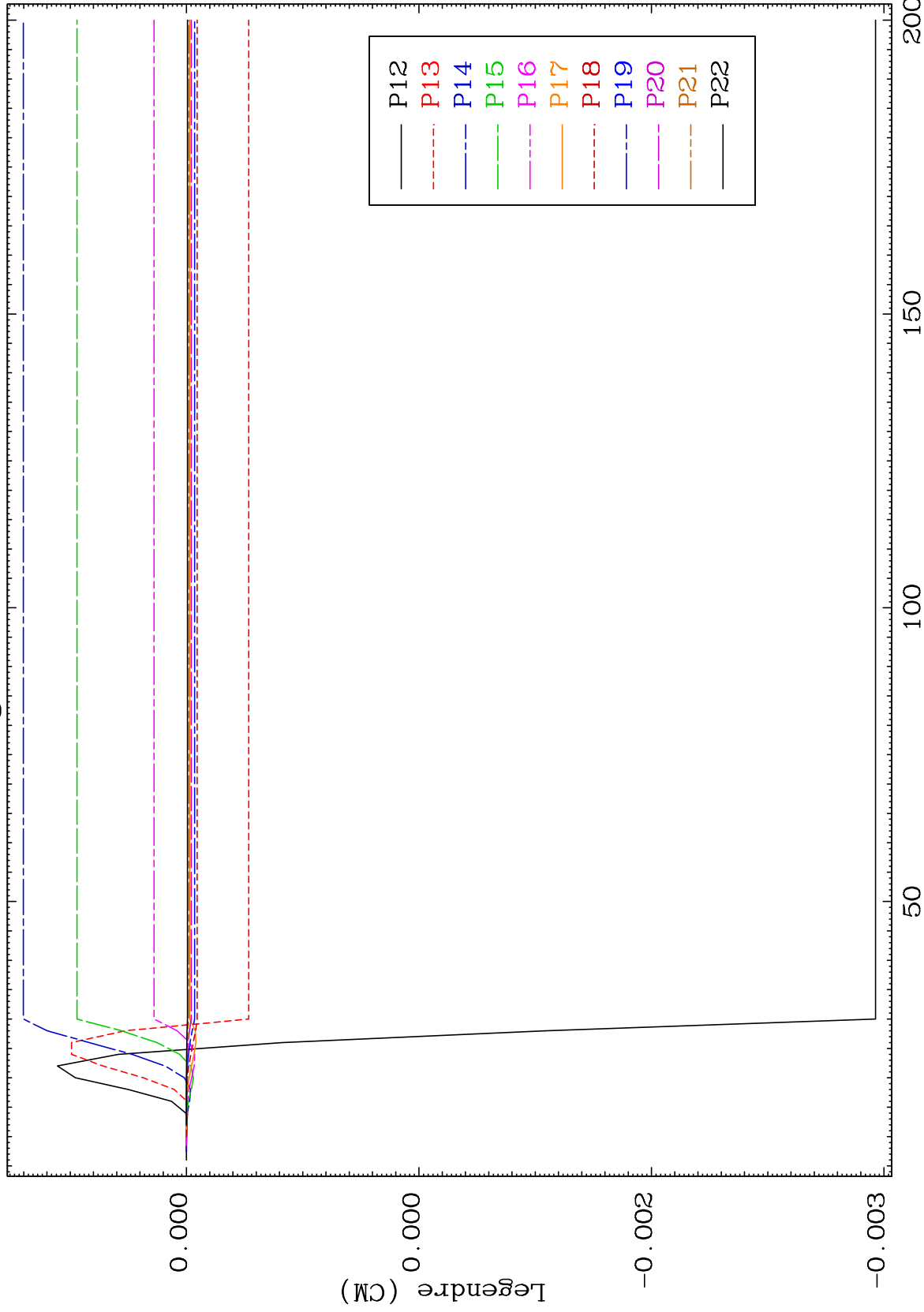
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



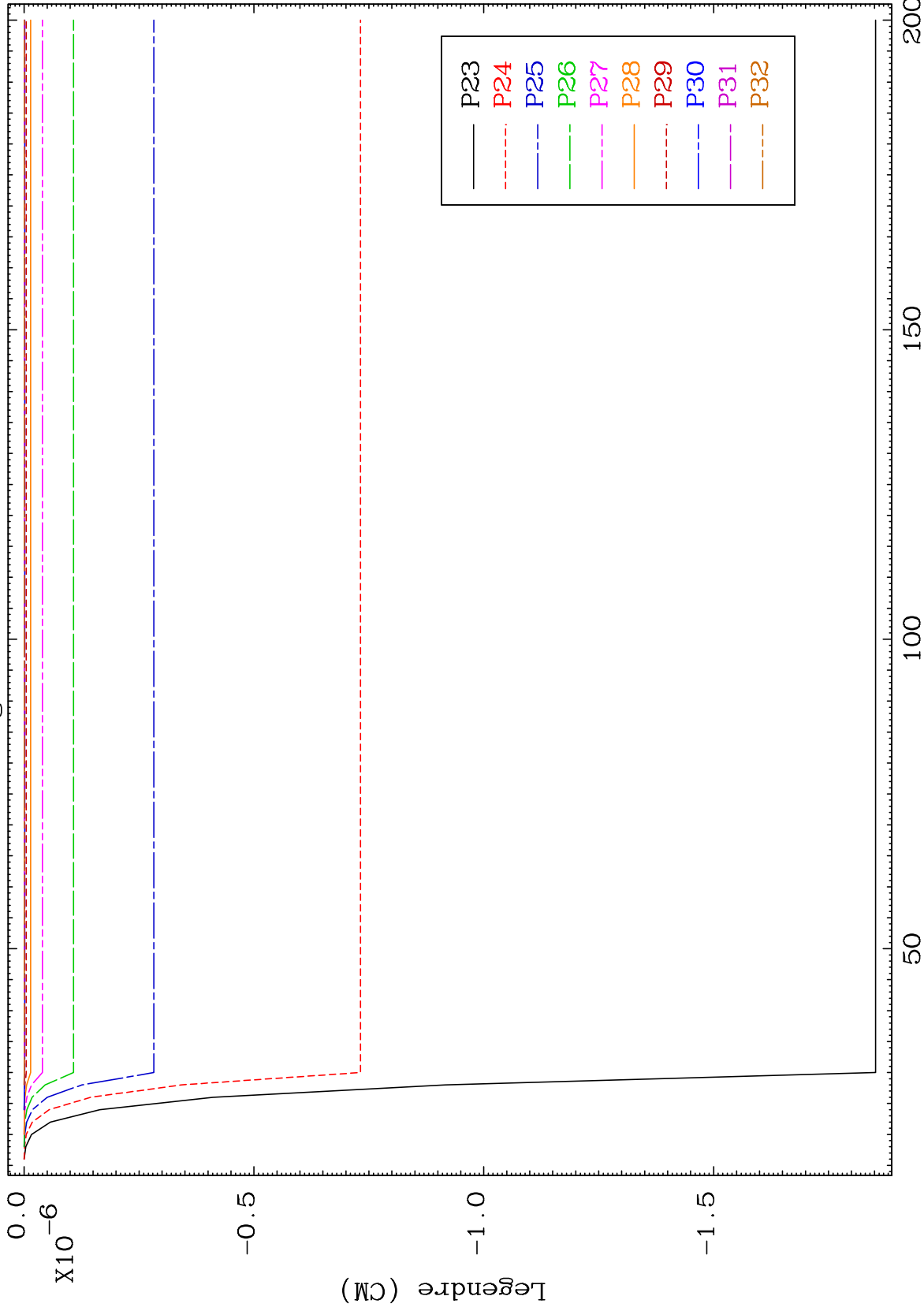
103

27-Co-59

MAT 2725

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

27-Co-59



104

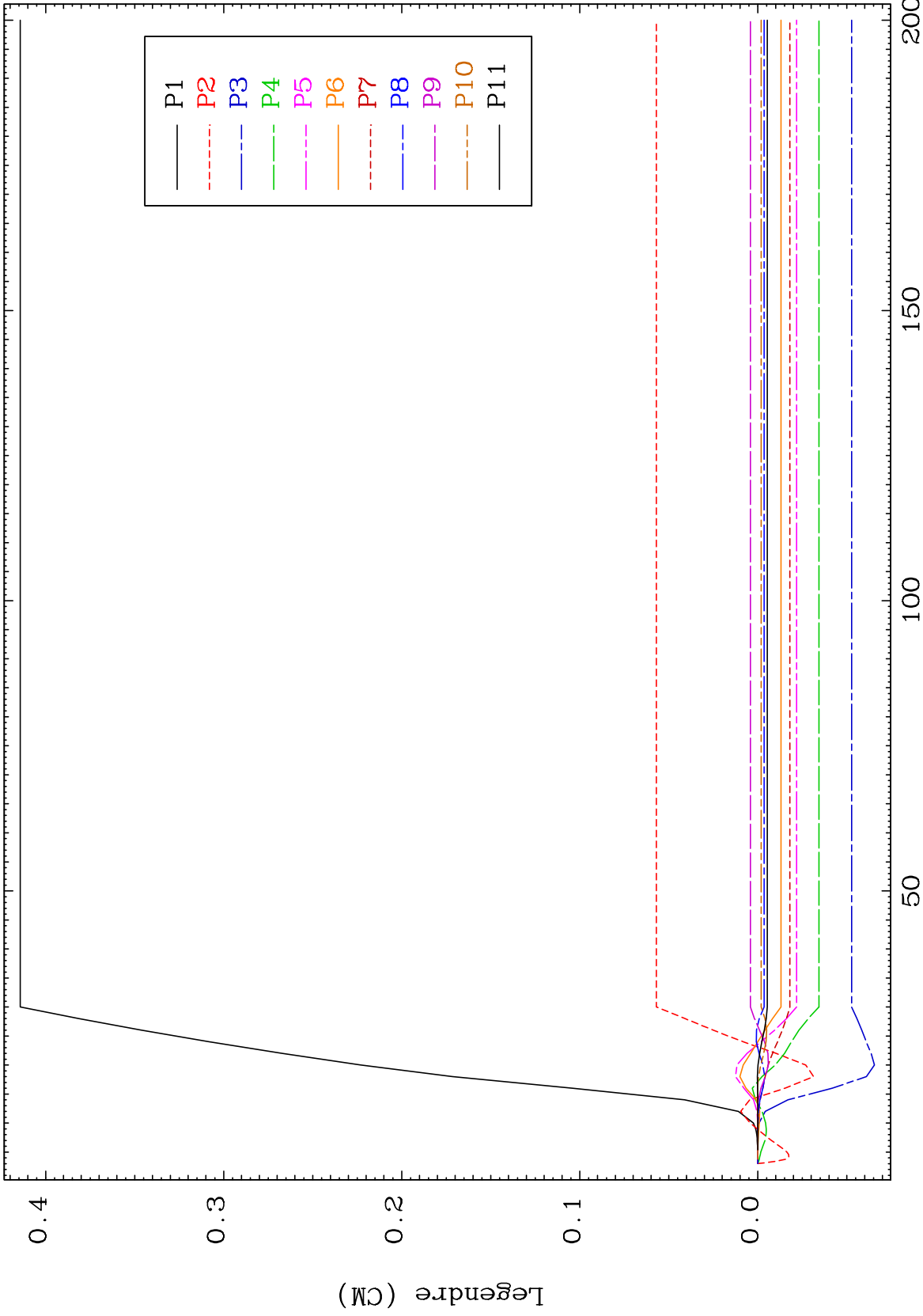
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



105

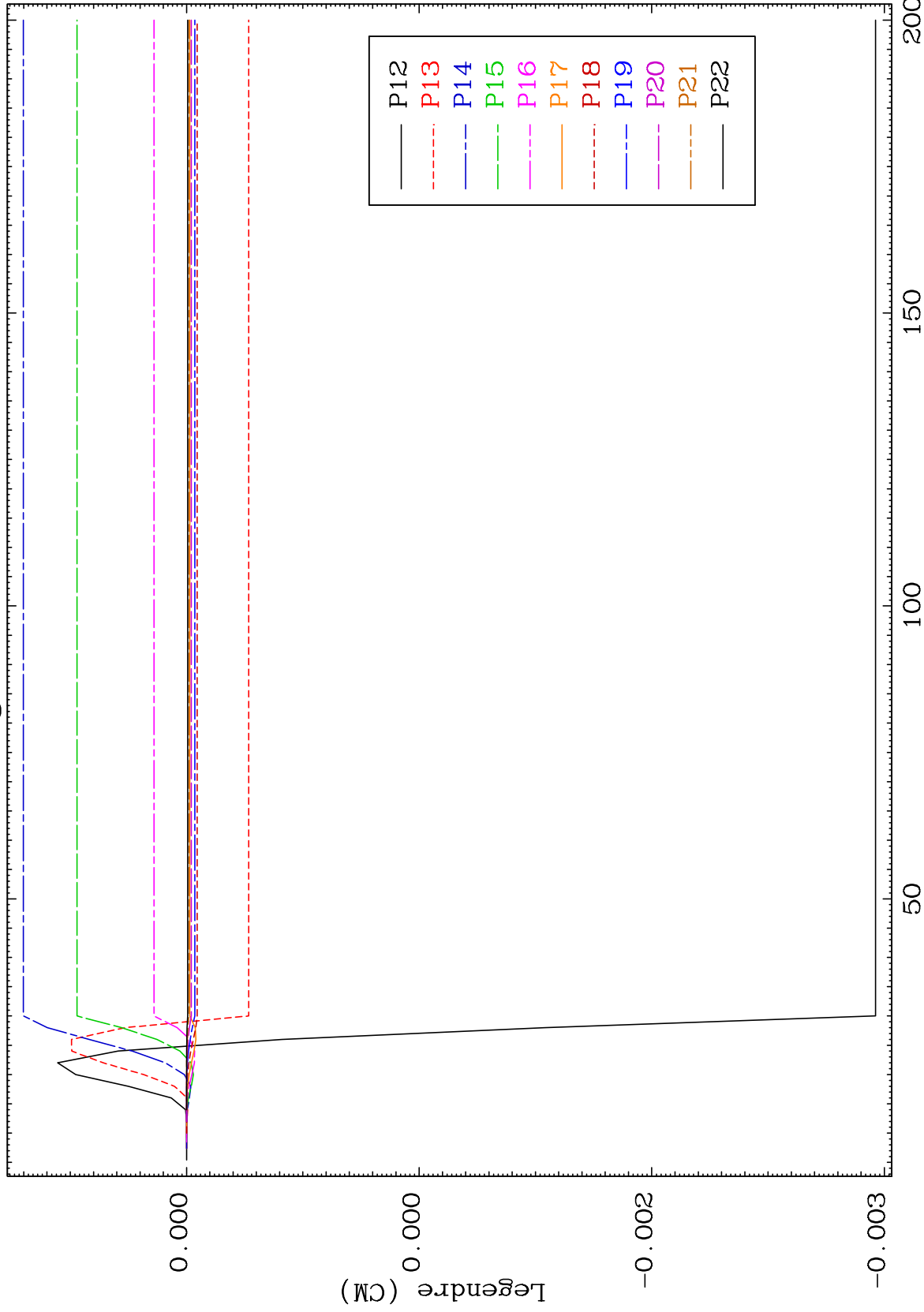
Incident Energy (MeV)

27-Co-59

MAT 2725

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

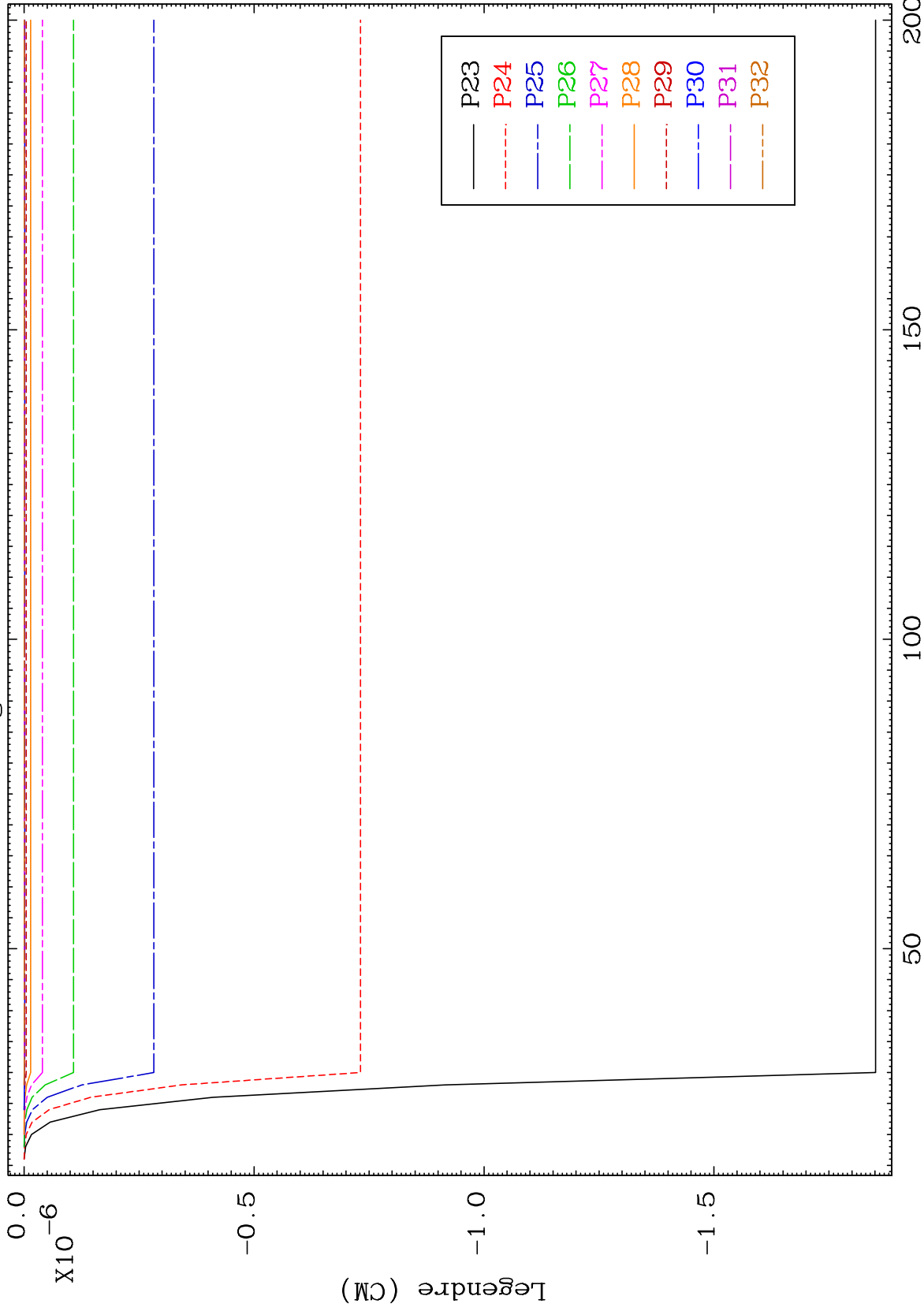
27-Co-59



106

Incident Energy (MeV)

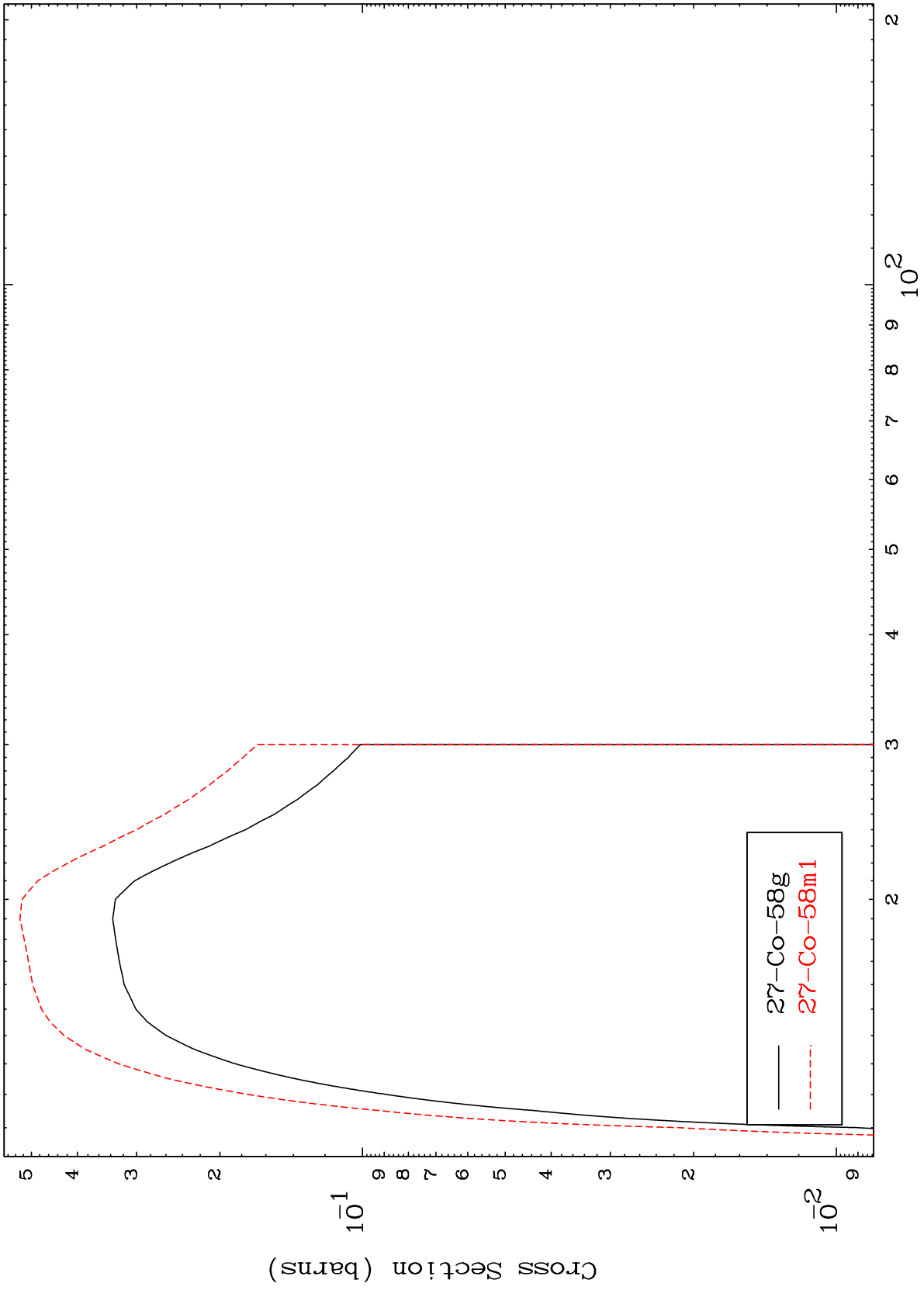
27-Co-59



MAT 2725

27-Co-59

(n,2n)
Radionuclide Production Cross Section



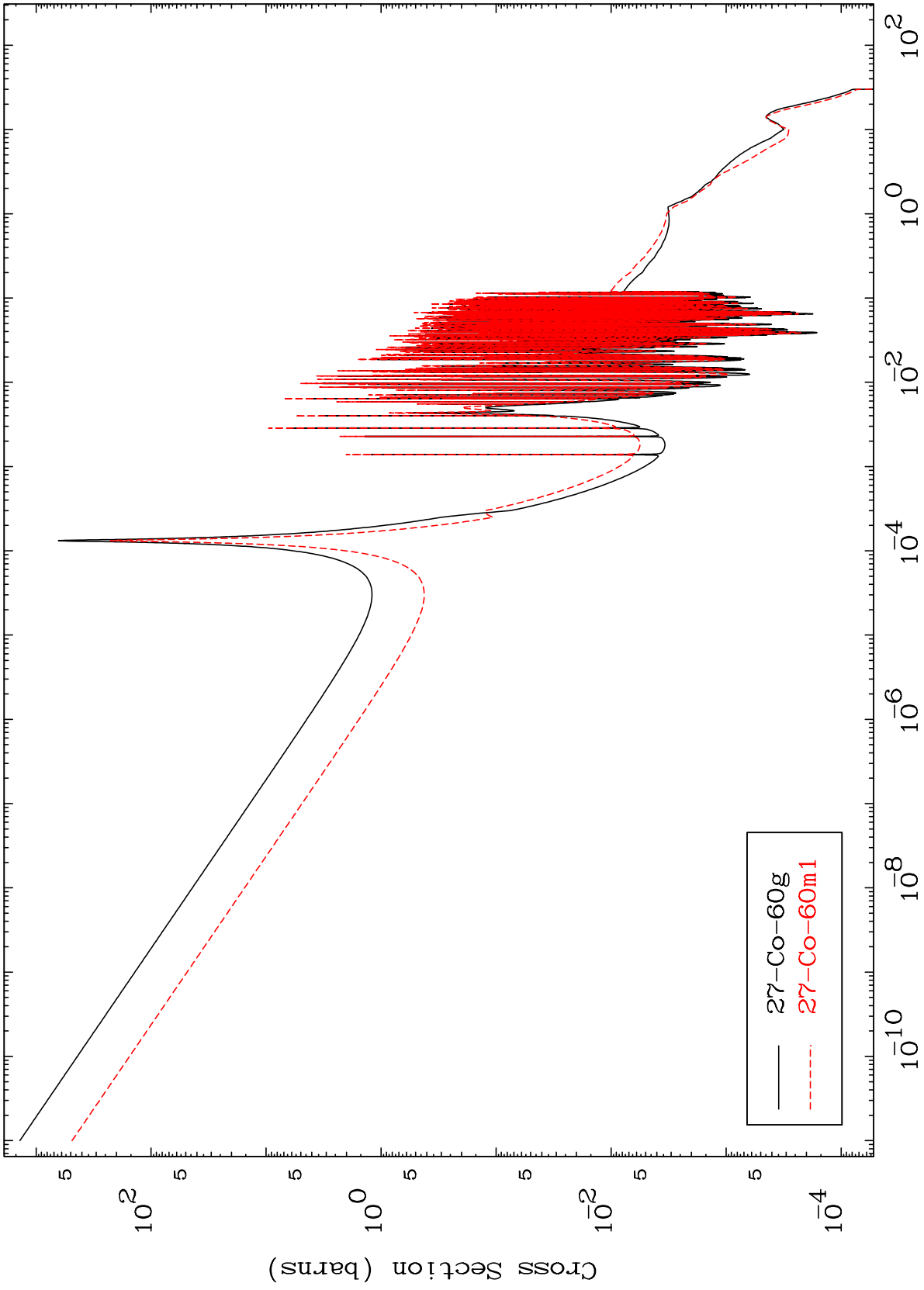
108

27-Co-59

MAT 2725

27-Co-59

(n,γ)
Radionuclide Production Cross Section



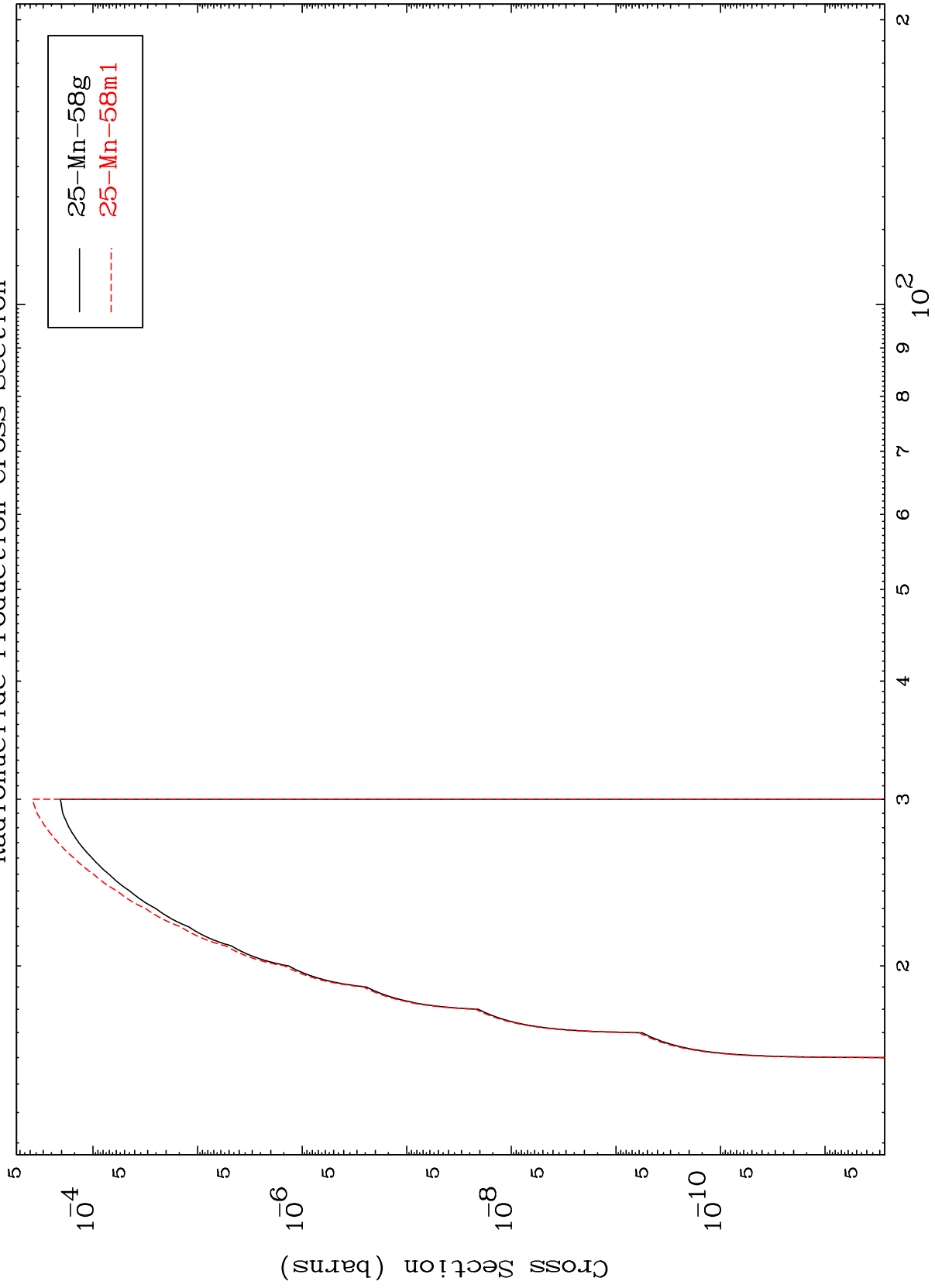
109

27-Co-59

MAT 2725

27-Co-59

(n,2p)
Radionuclide Production Cross Section



110

27-Co-59