

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

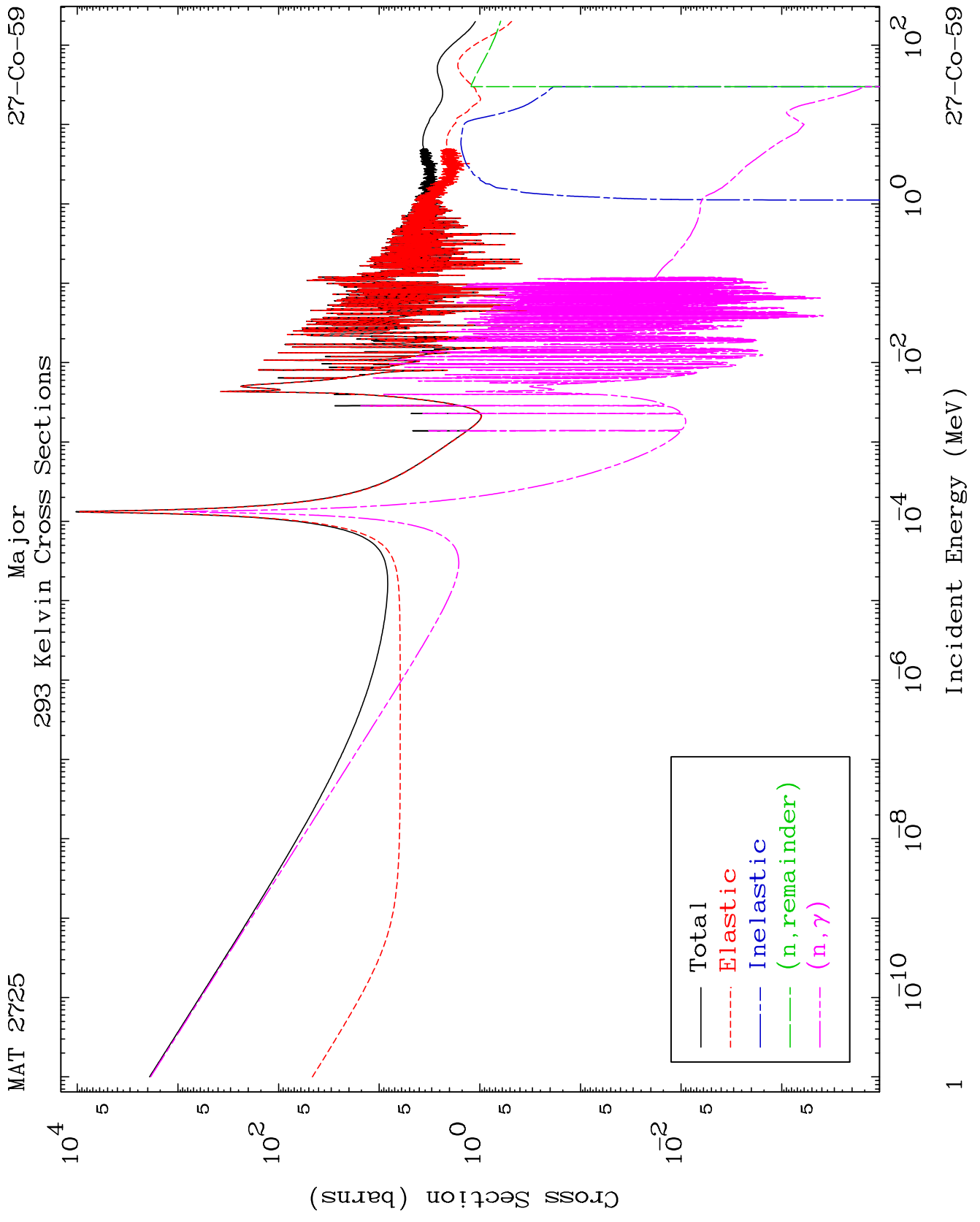
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

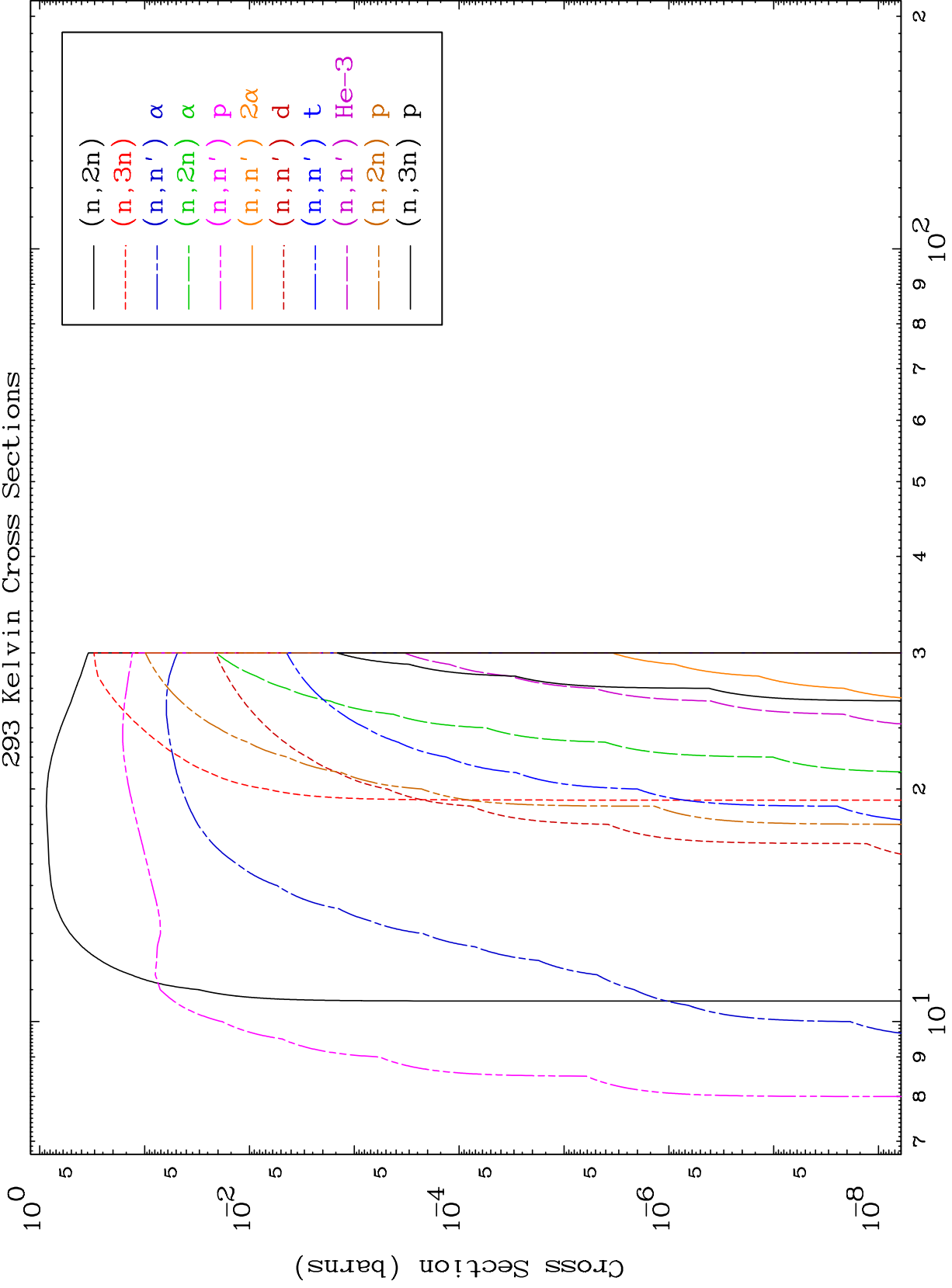
Press Mouse Button to Start



MAT 2725

Neutron Production
293 Kelvin Cross Sections

27-Co-59



2

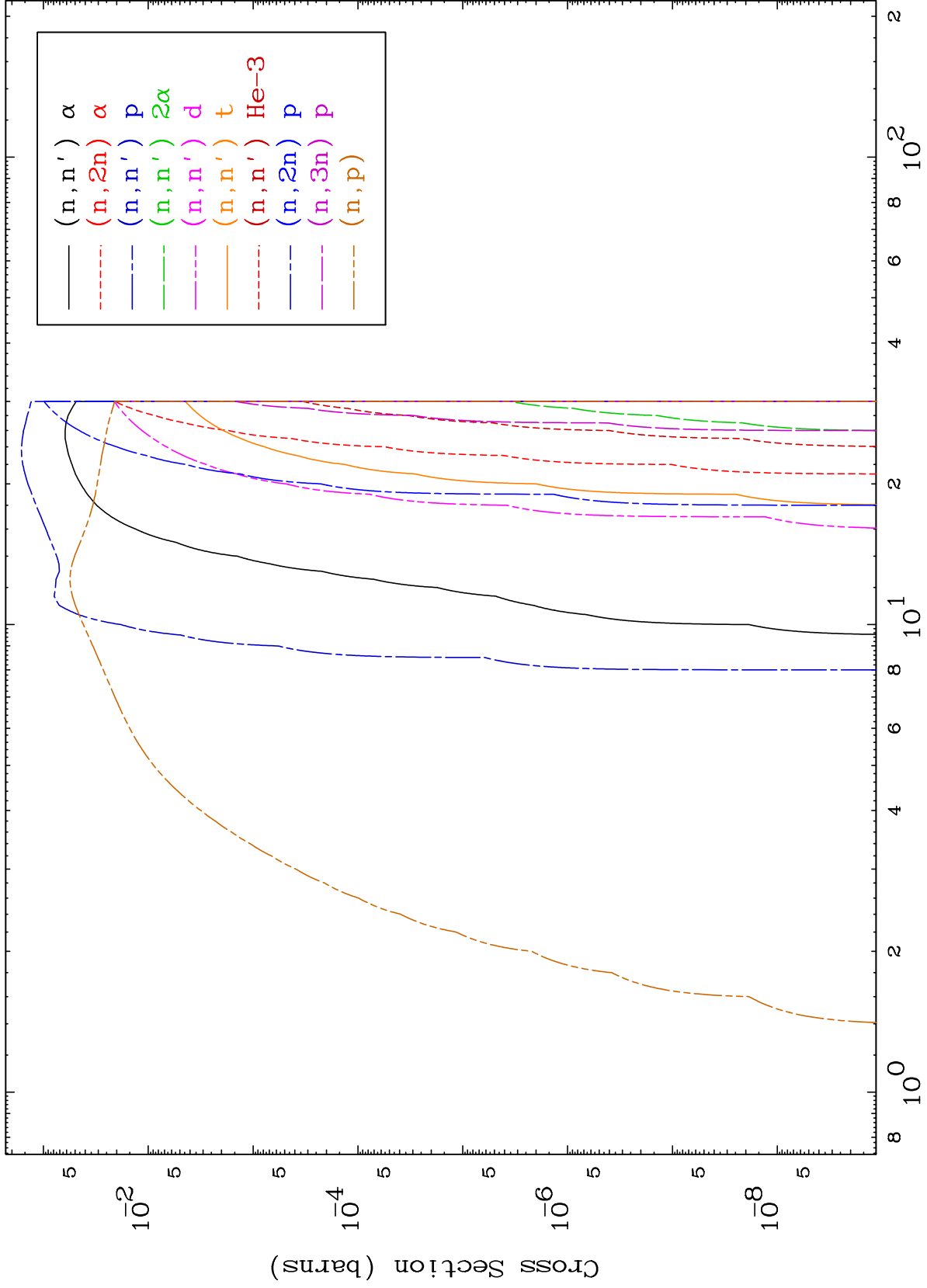
Incident Energy (MeV)

27-Co-59

MAT 2725

Charged Particle
293 Kelvin Cross Sections

27-Co-59



3

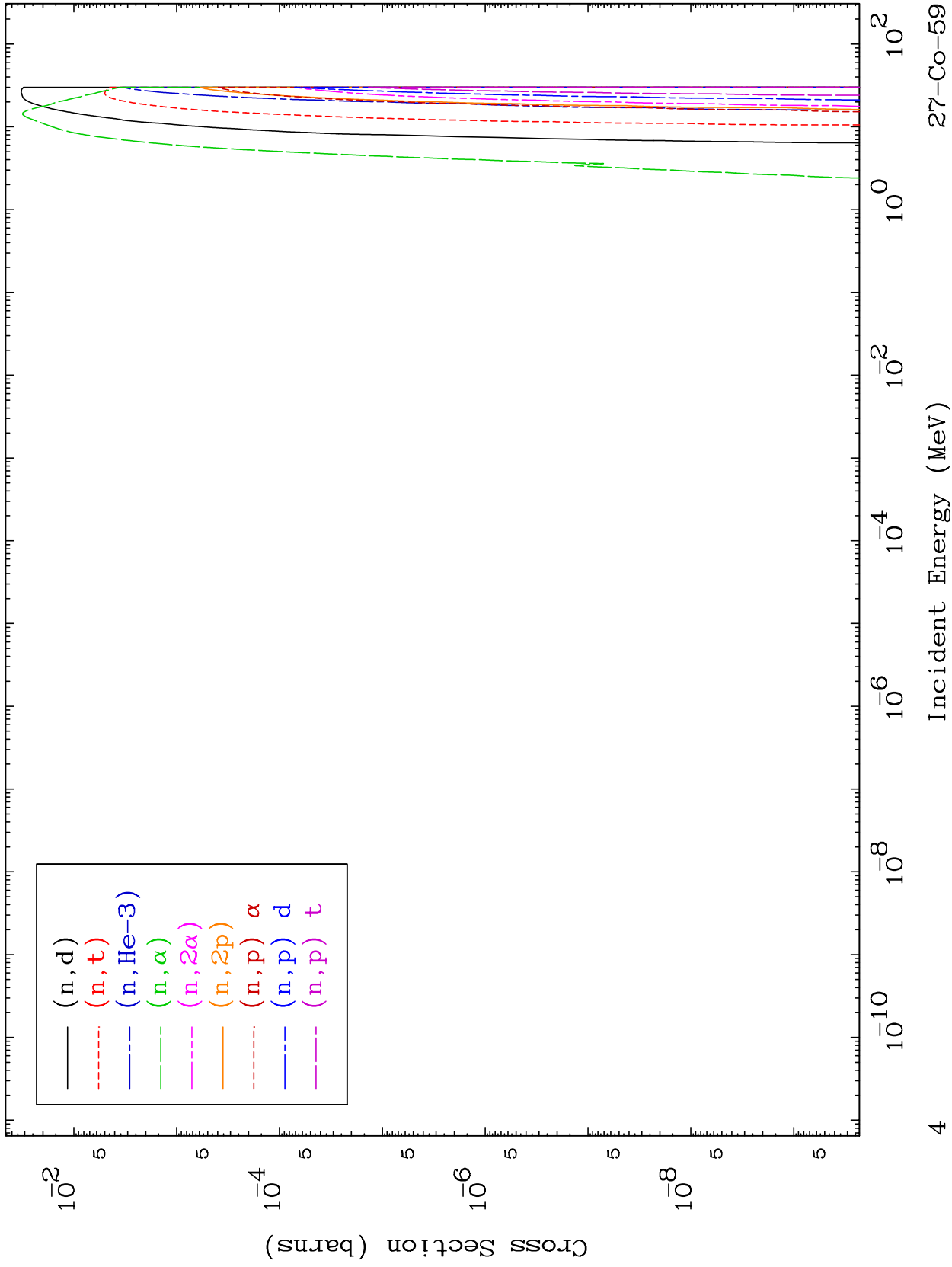
Incident Energy (MeV)

27-Co-59

MAT 2725

Charged Particle
293 Kelvin Cross Sections

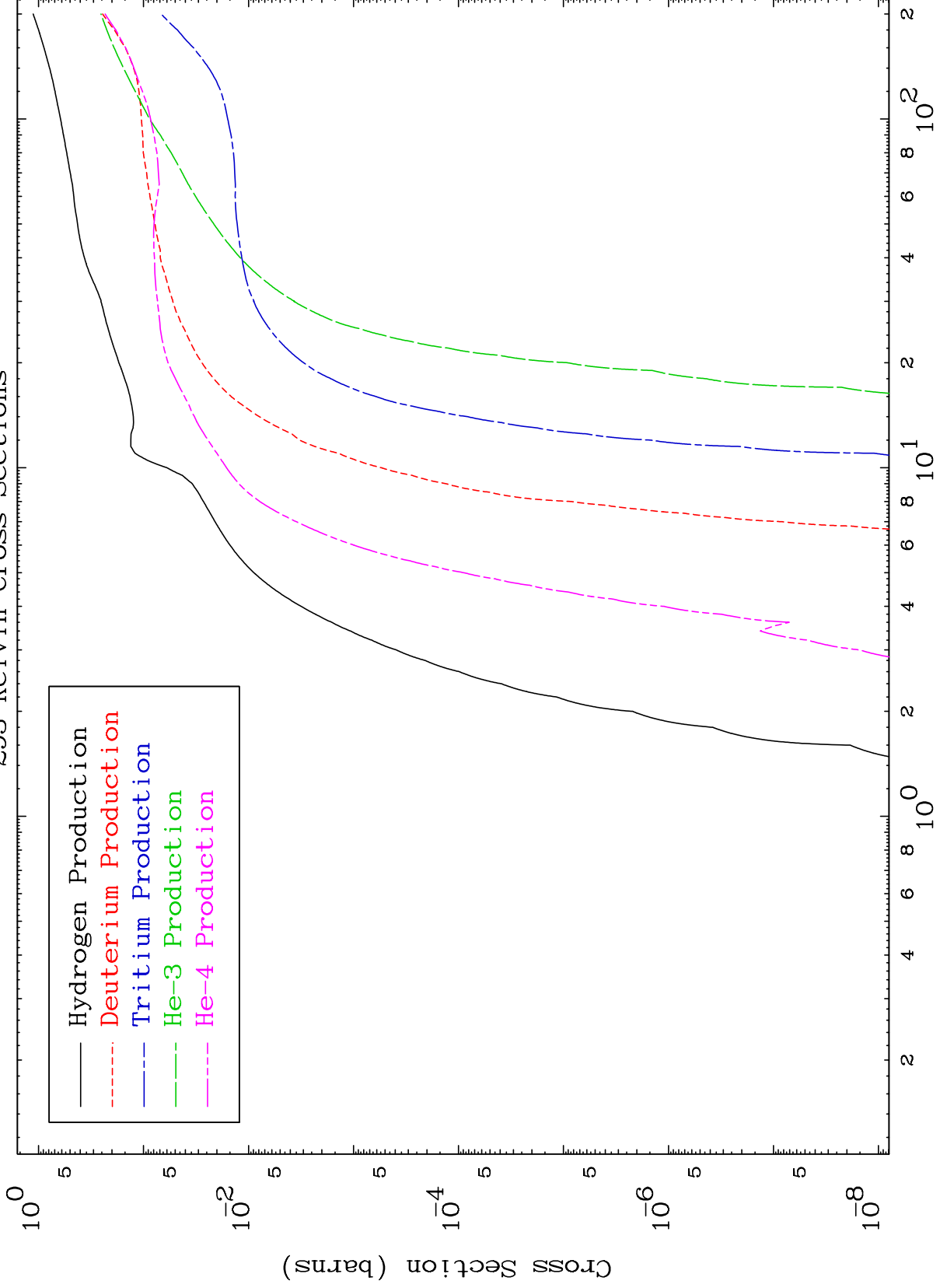
27-Co-59



MAT 2725

Particle Production
293 Kelvin Cross Sections

27-Co-59

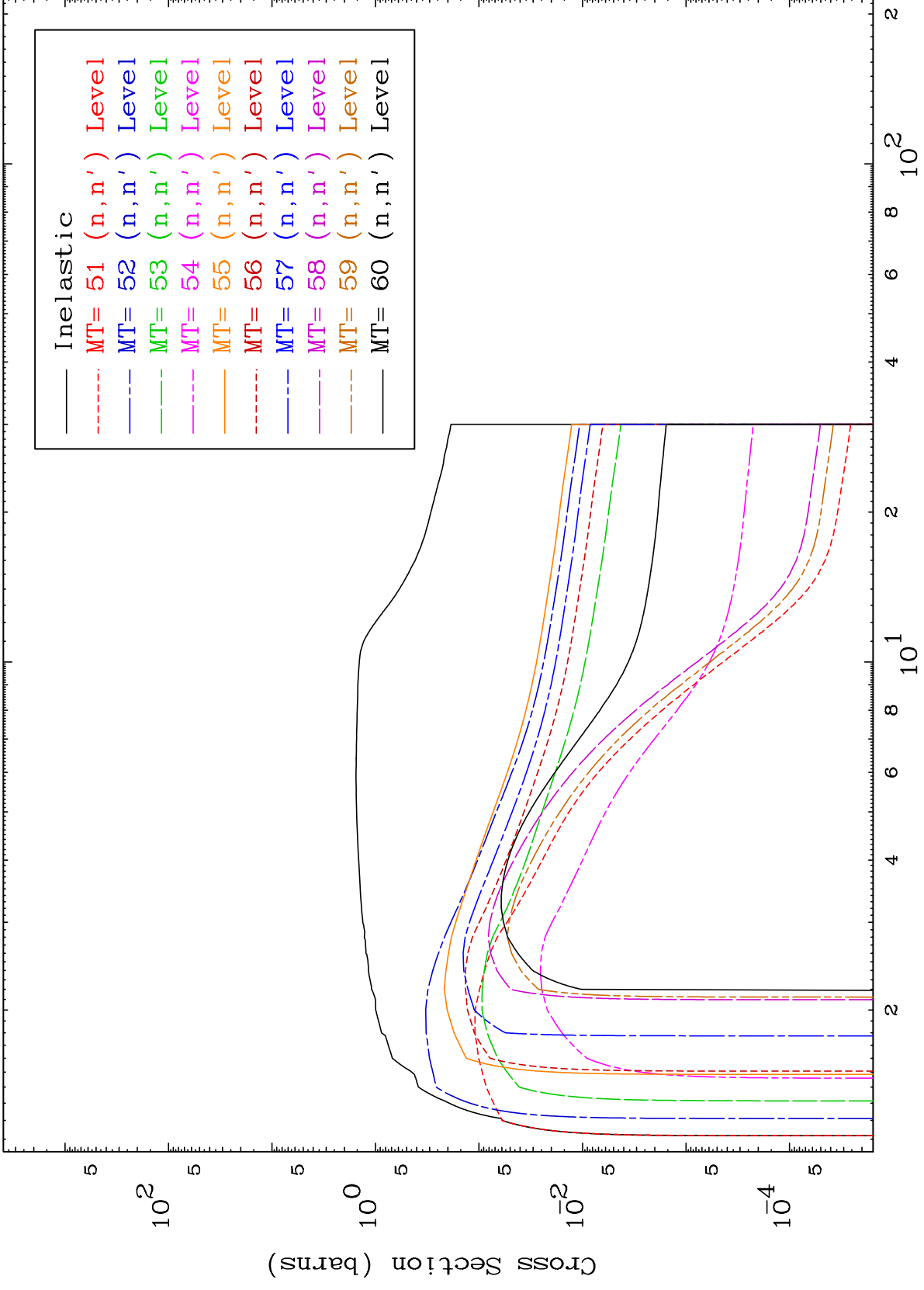


MAT 2725

(n,n') Level

27-Co-59

293 Kelvin Cross Sections



6

Incident Energy (MeV)

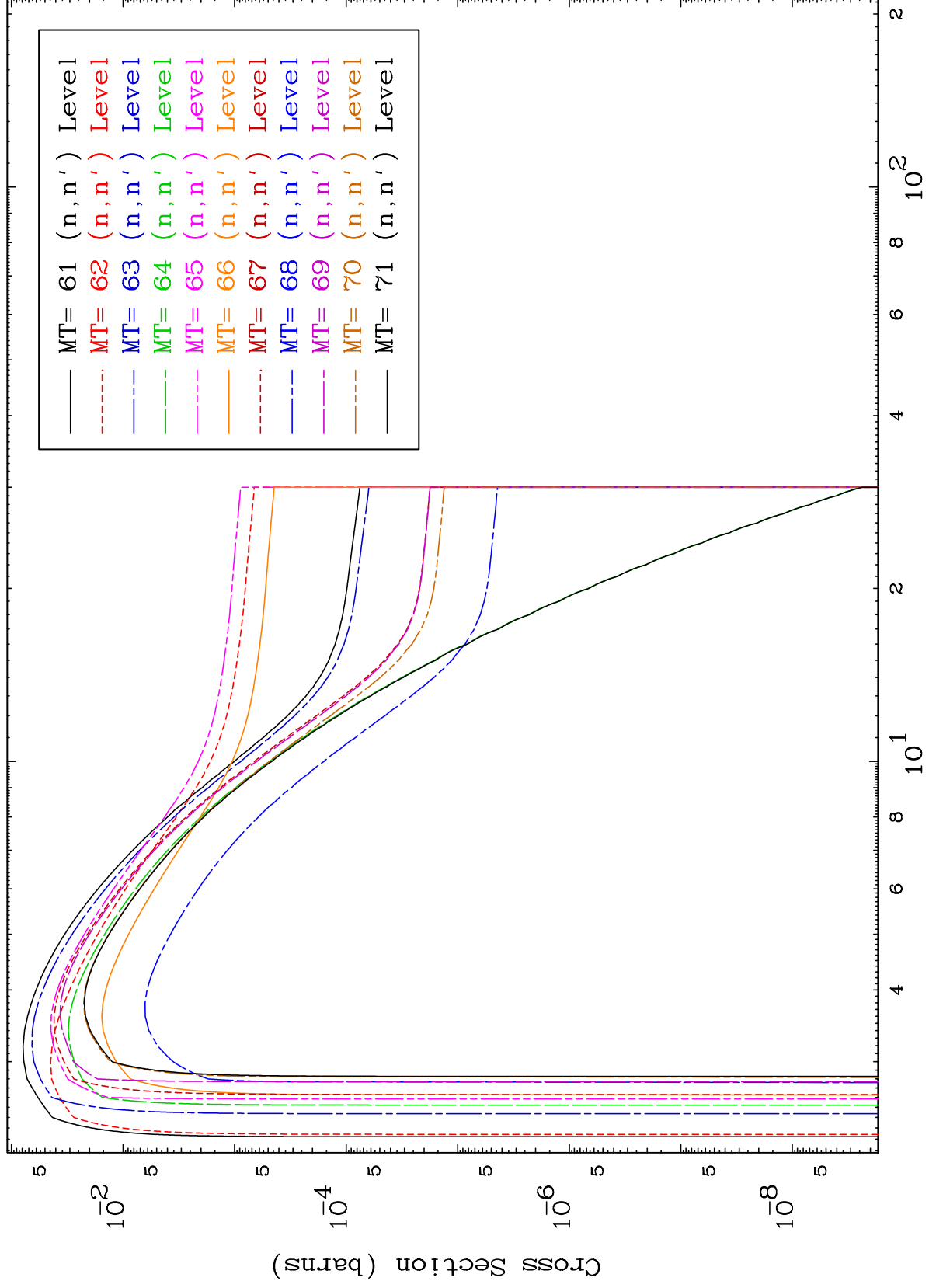
27-Co-59

MAT 2725

(n,n') Level

293 Kelvin Cross Sections

27-Co-59



7

Incident Energy (MeV)

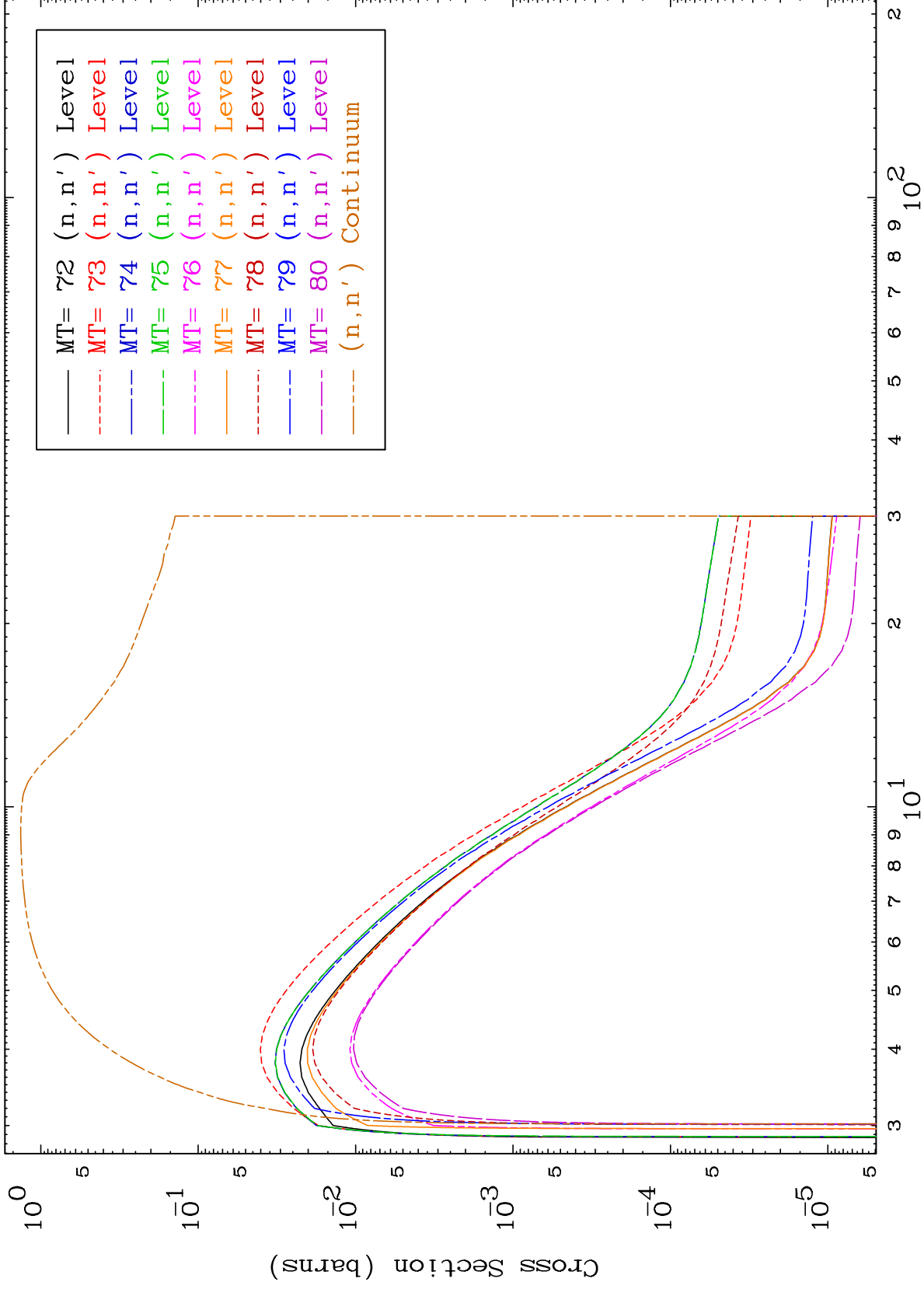
27-Co-59

MAT 2725

(n,n') Level

27-Co-59

293 Kelvin Cross Sections



8

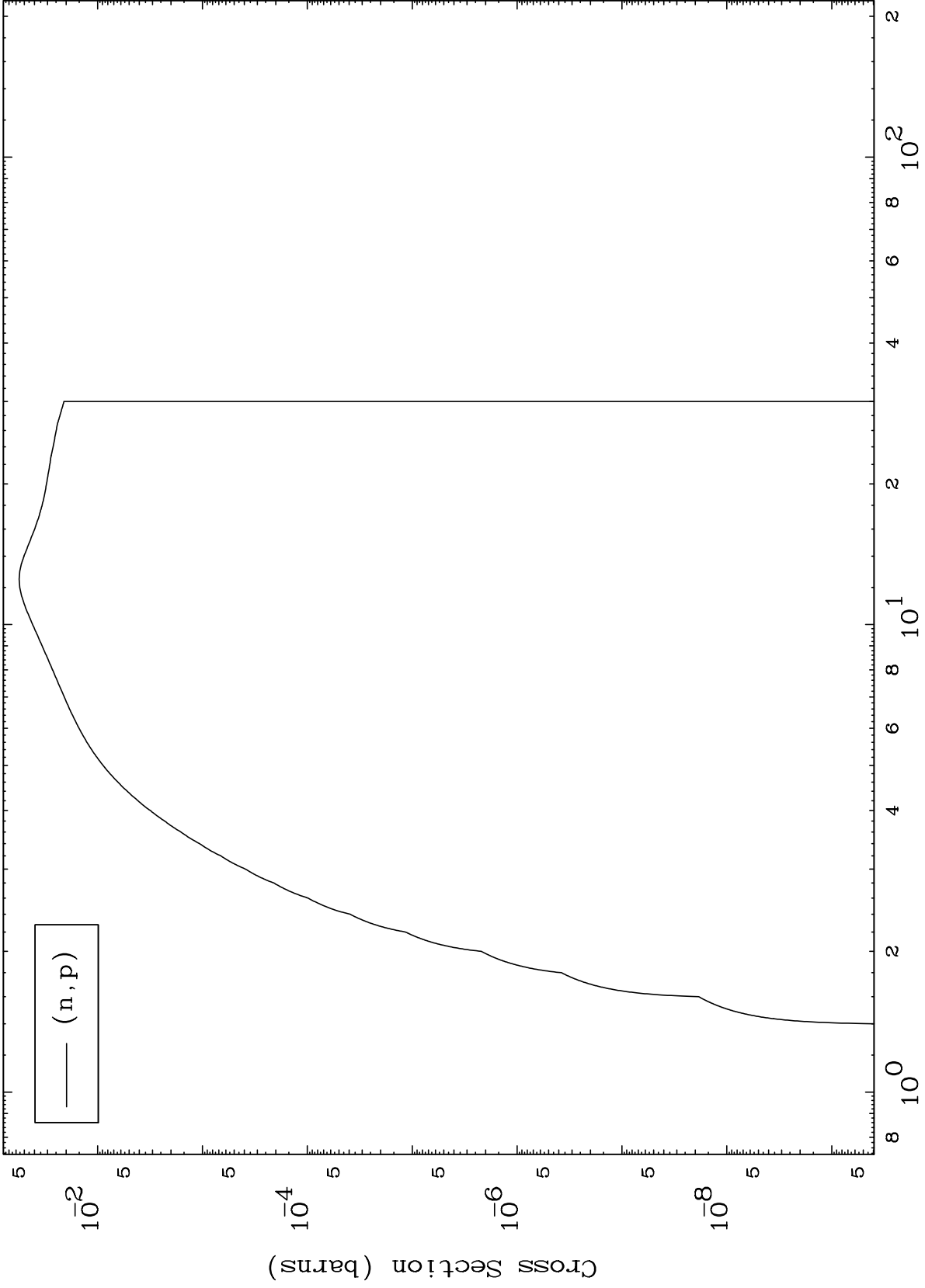
Incident Energy (MeV)

27-Co-59

MAT 2725

(n,p) Levels
293 Kelvin Cross Sections

27-Co-59



9

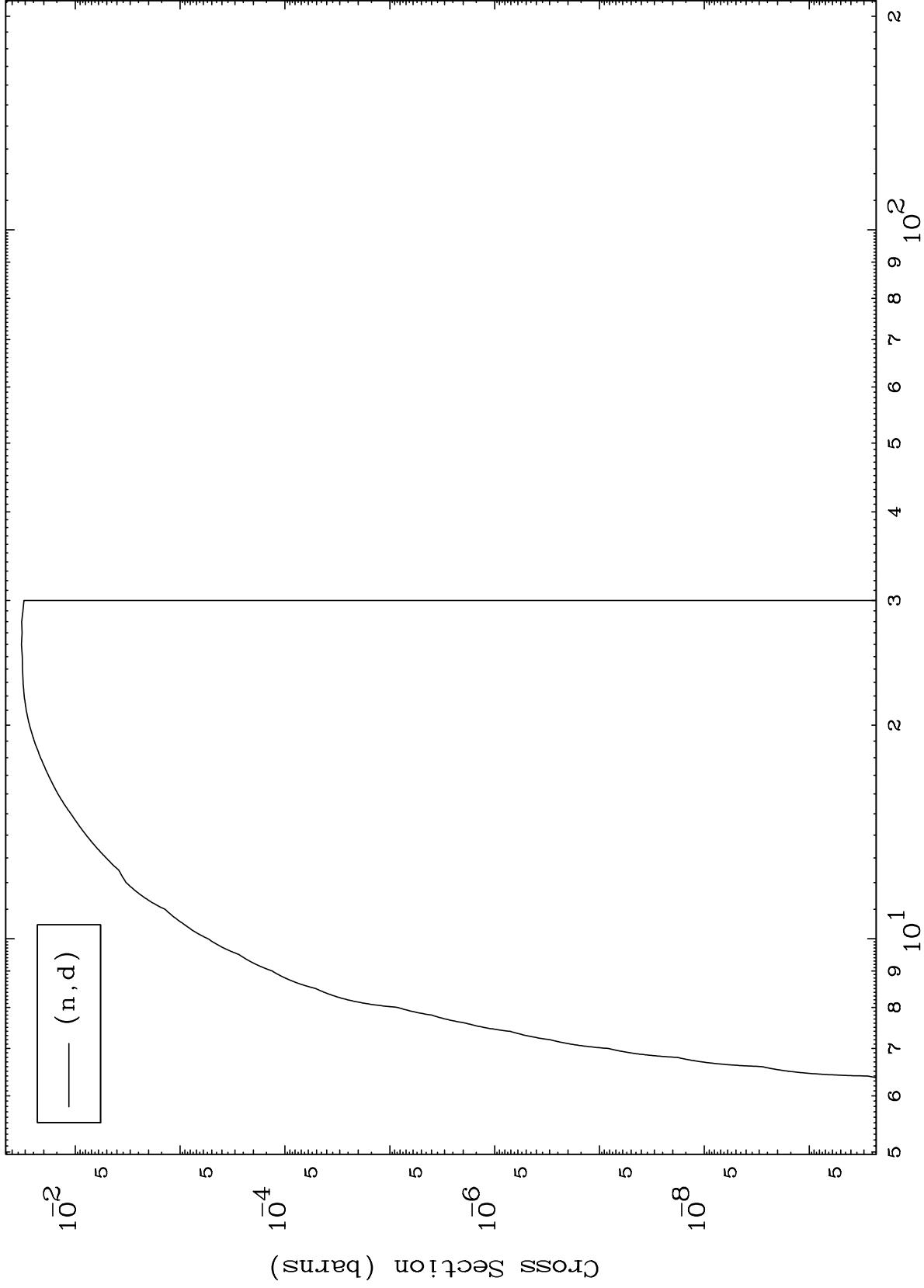
Incident Energy (MeV)

27-Co-59

MAT 2725

(n,d) Levels
293 Kelvin Cross Sections

27-Co-59



10

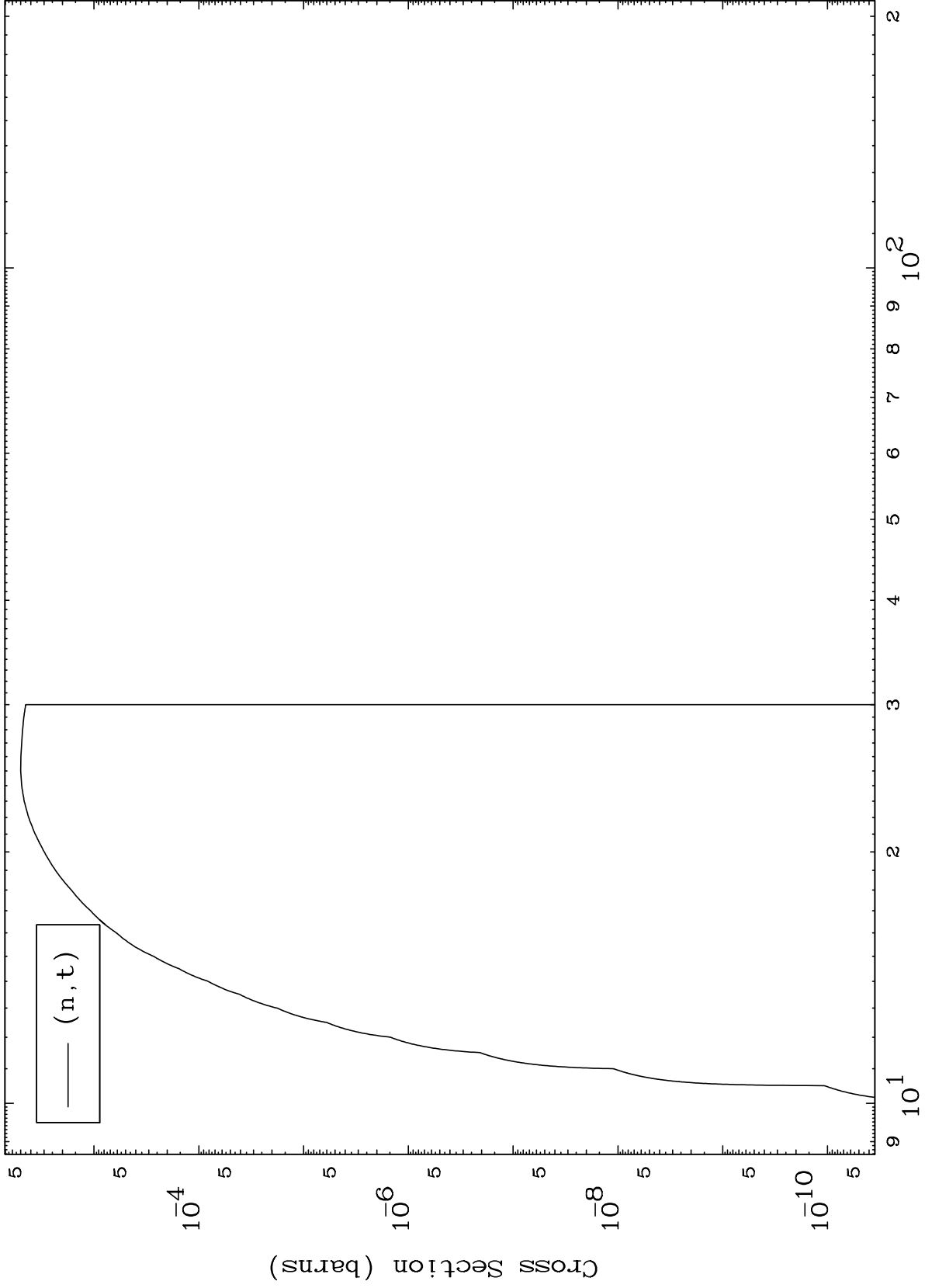
Incident Energy (MeV)

27-Co-59

MAT 2725

(n,t) Levels
293 Kelvin Cross Sections

27-Co-59



11

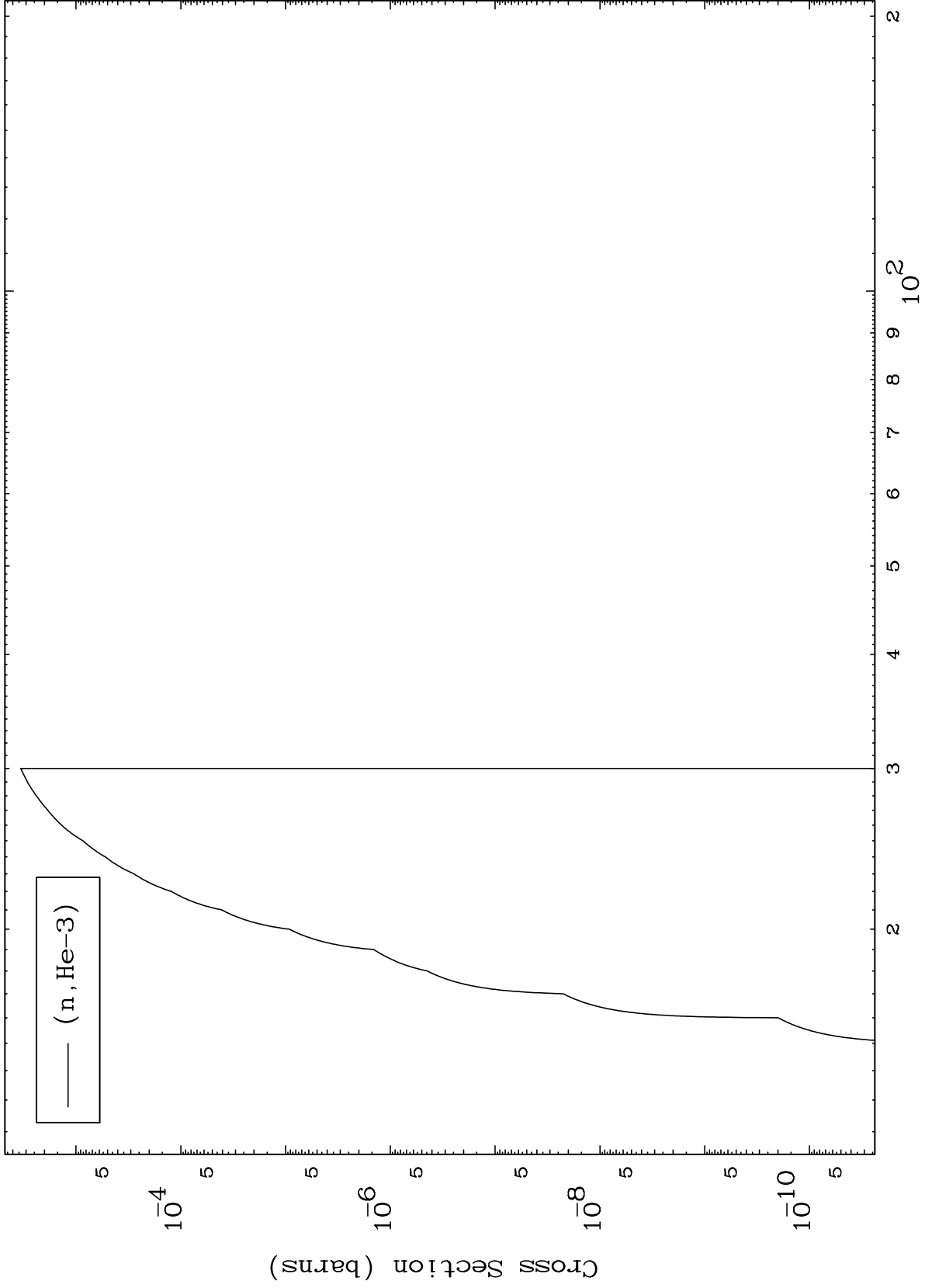
Incident Energy (MeV)

27-Co-59

MAT 2725

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-59



12

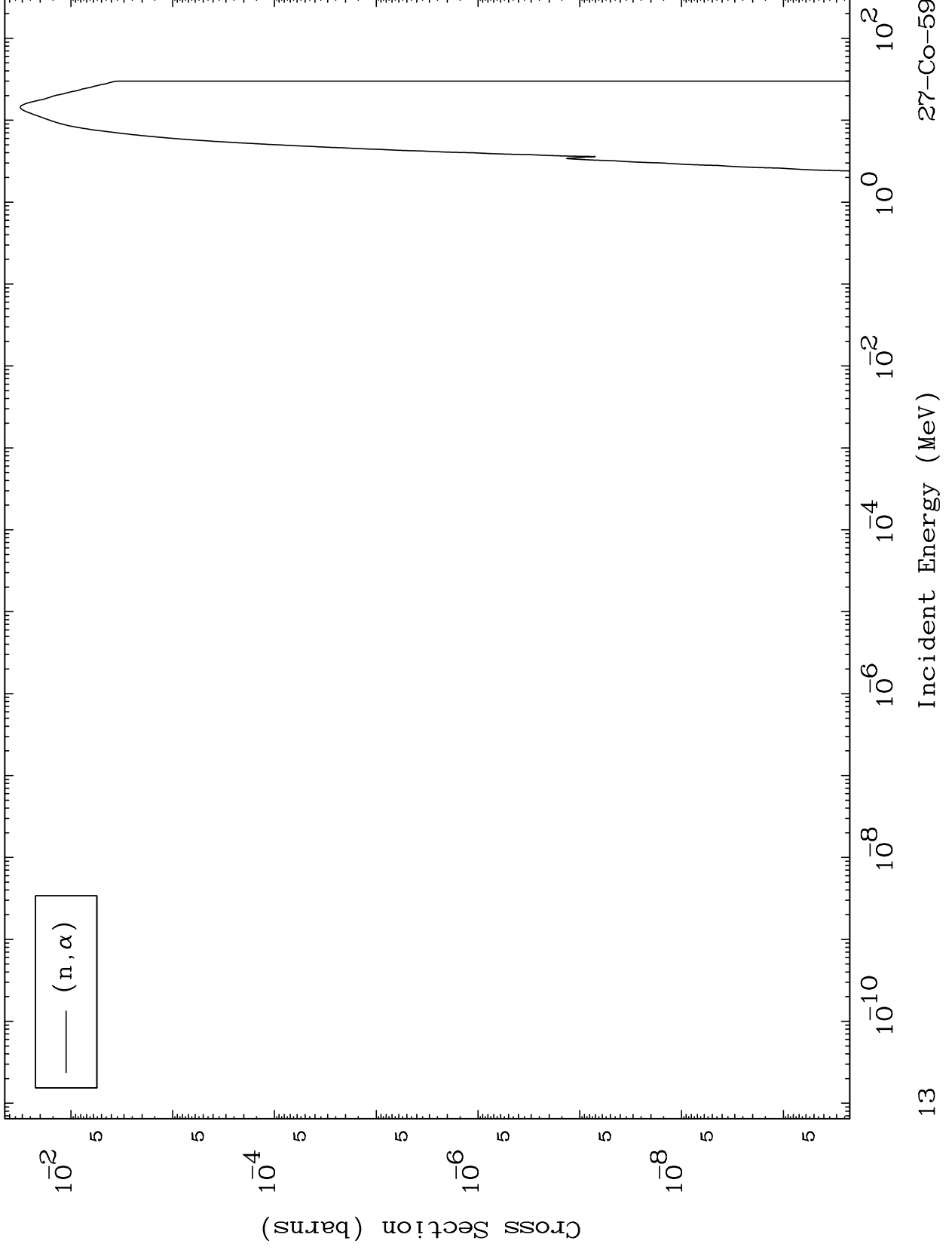
Incident Energy (MeV)

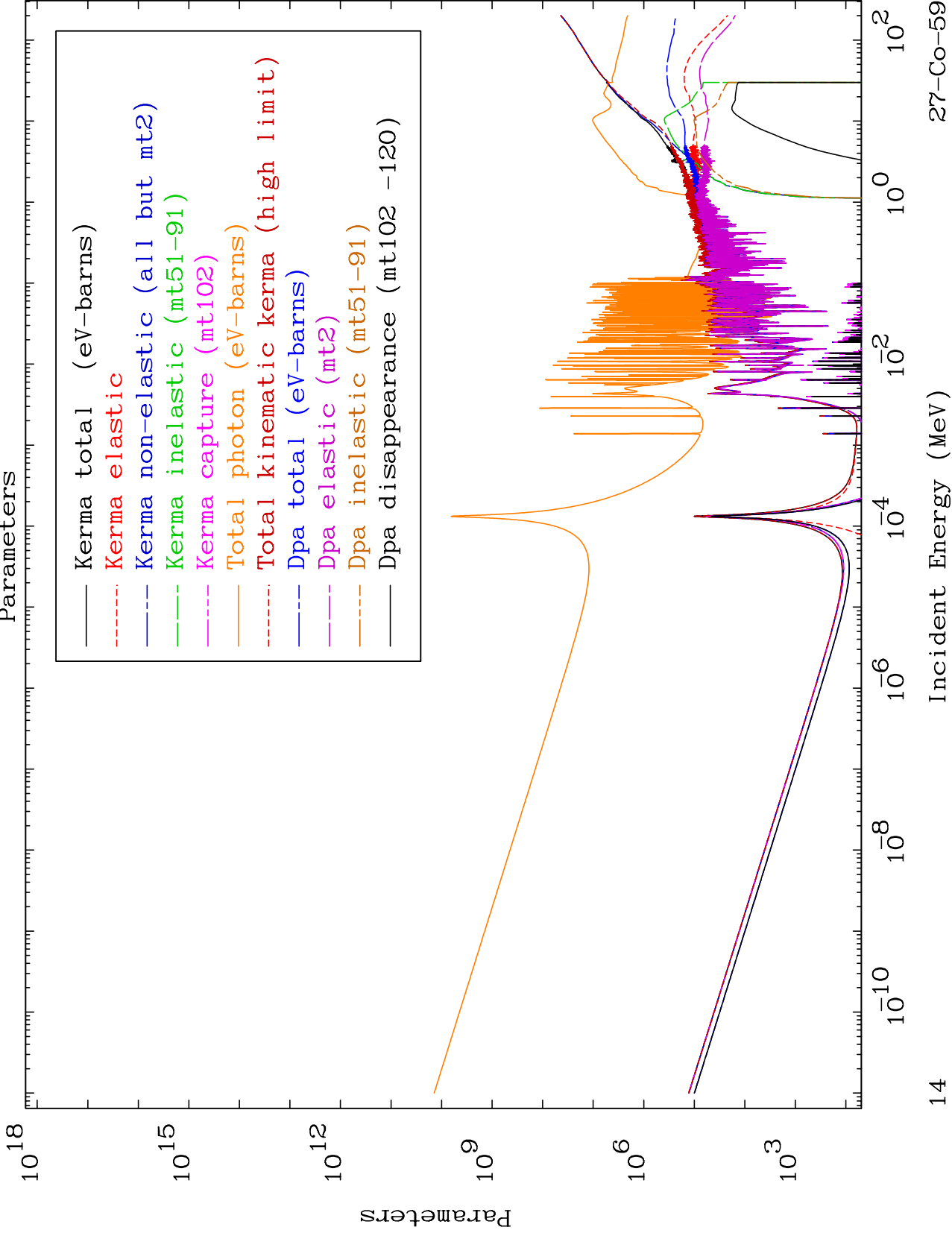
27-Co-59

MAT 2725

(n, α) Levels
293 Kelvin Cross Sections

27-Co-59

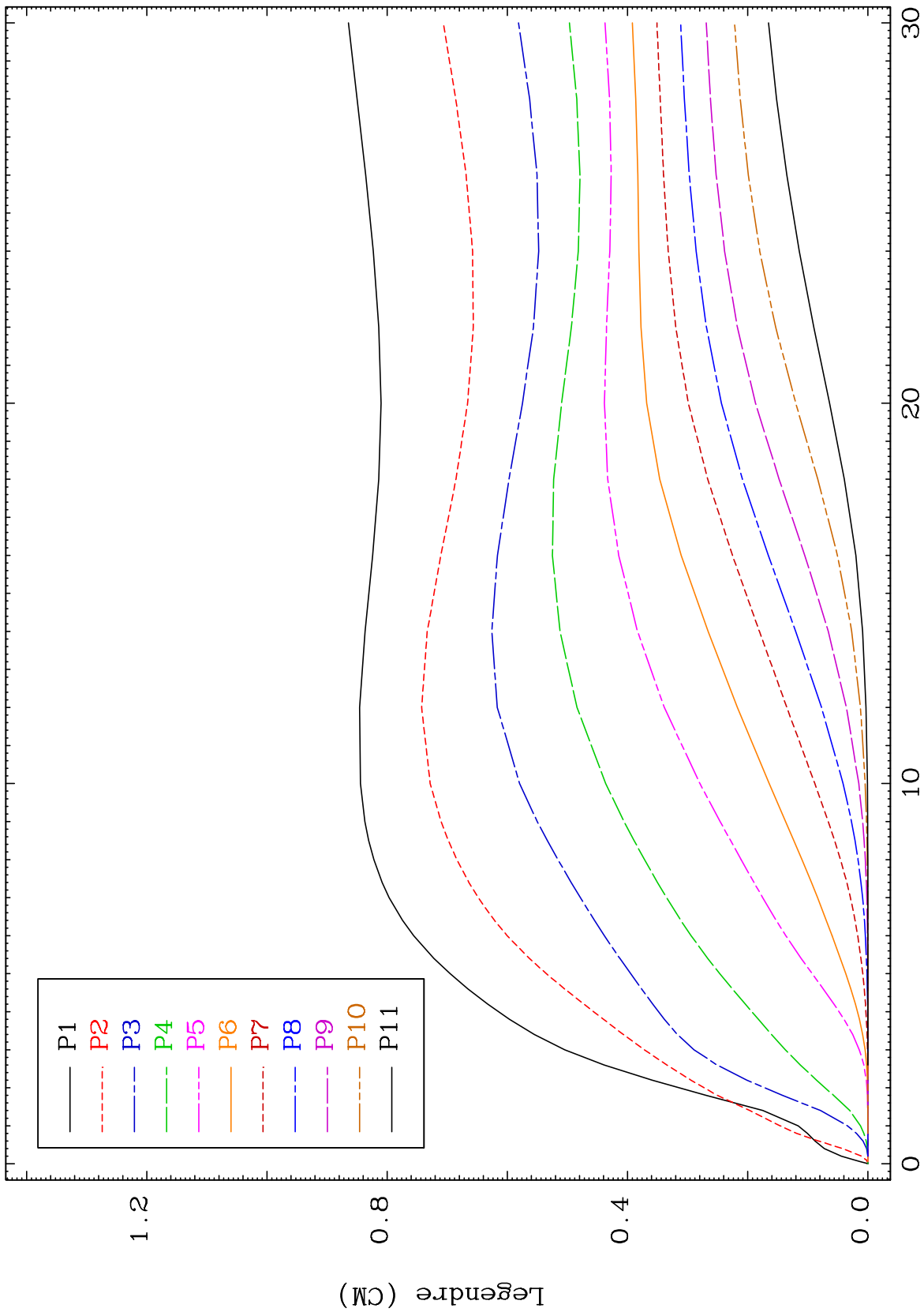




MAT 2725

Elastic Legendre Coefficients

27-Co-59

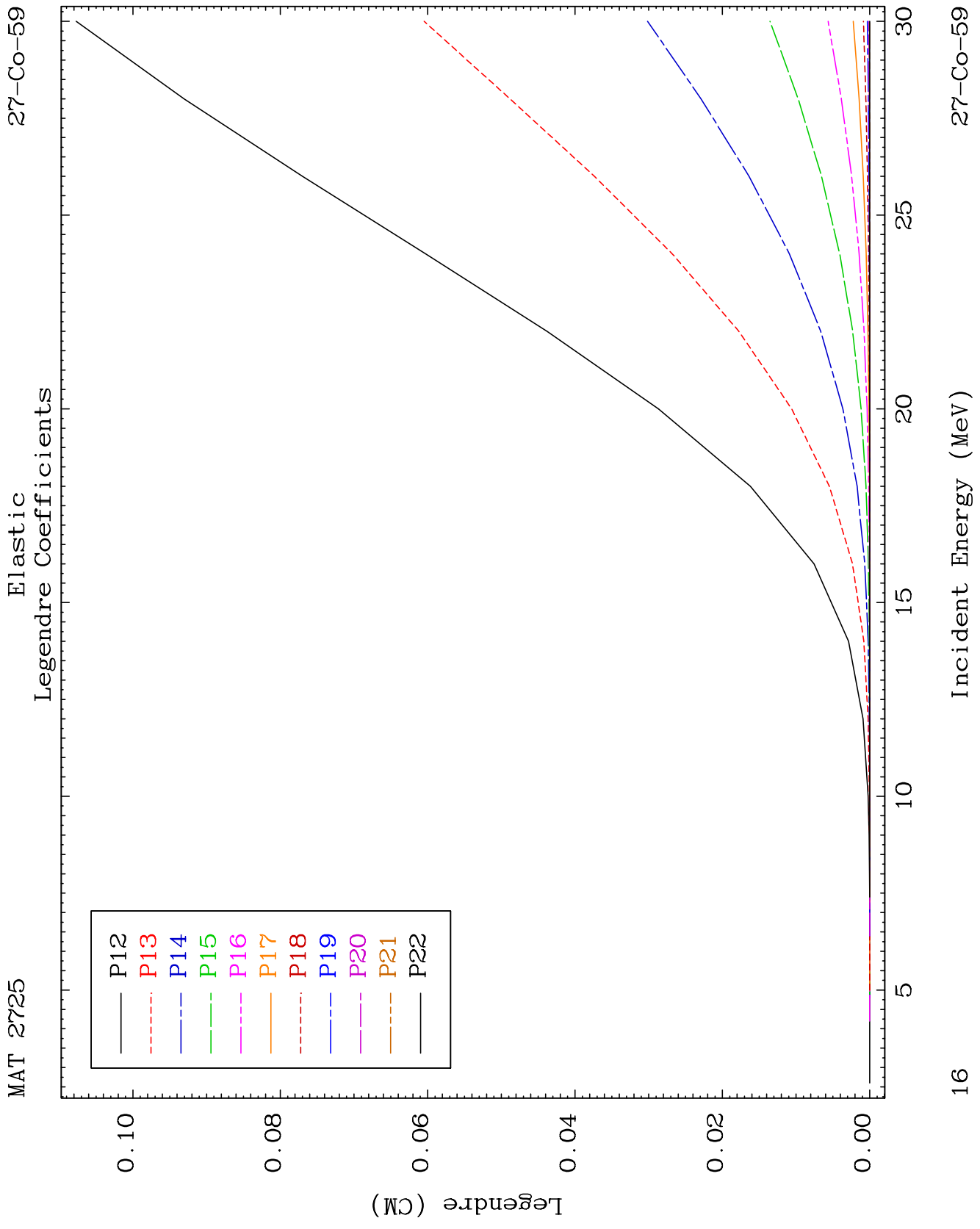


15

Incident Energy (MeV)

27-Co-59

30



MAT 2725

Elastic Legendre Coefficients

27-Co-59

16

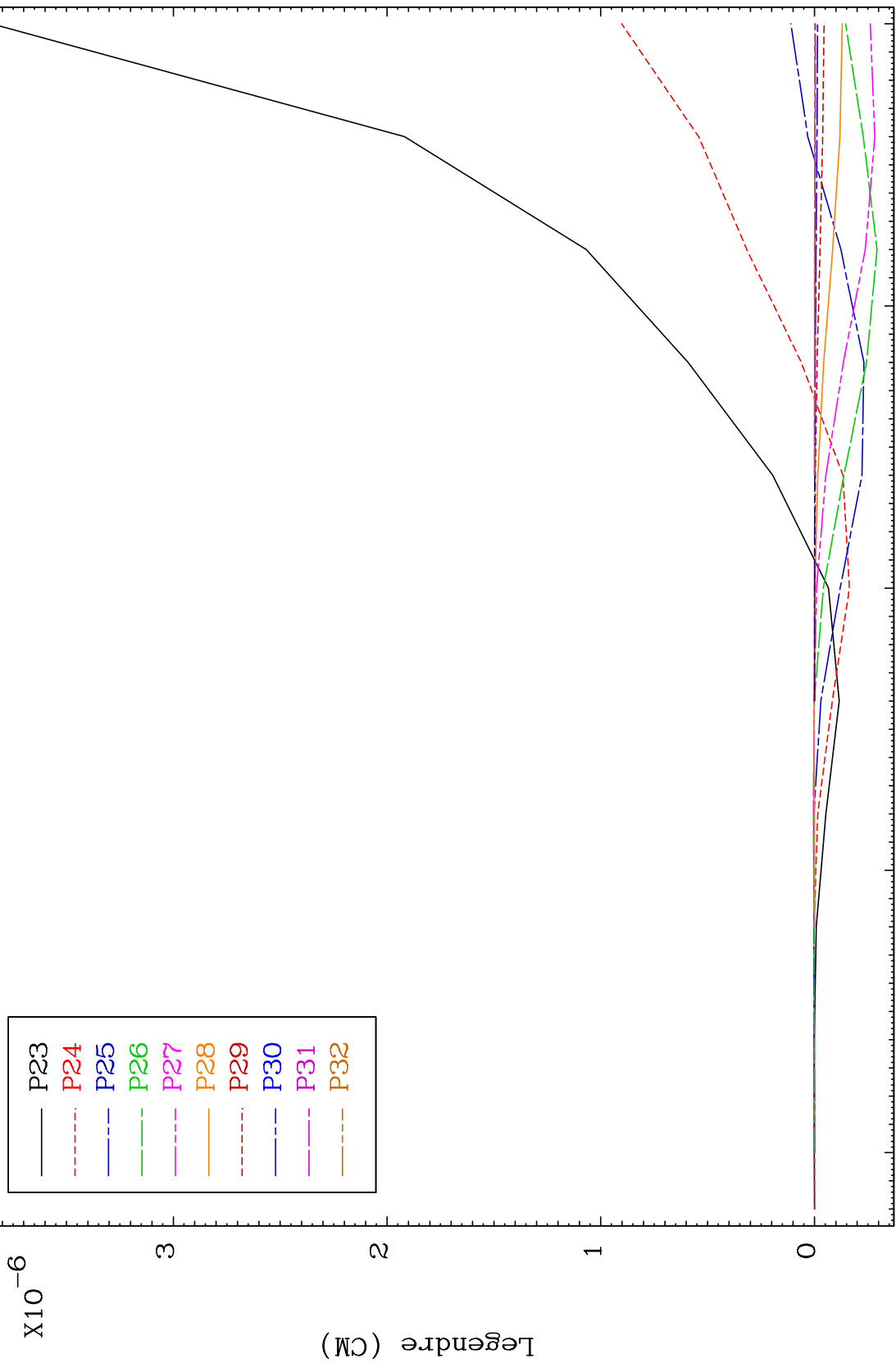
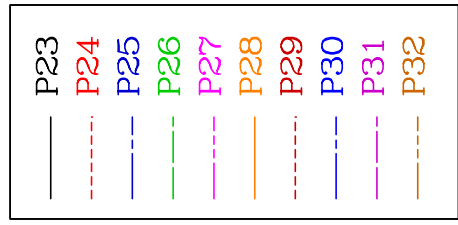
Incident Energy (MeV)

27-Co-59

MAT 2725

Elastic Legendre Coefficients

27-Co-59



17

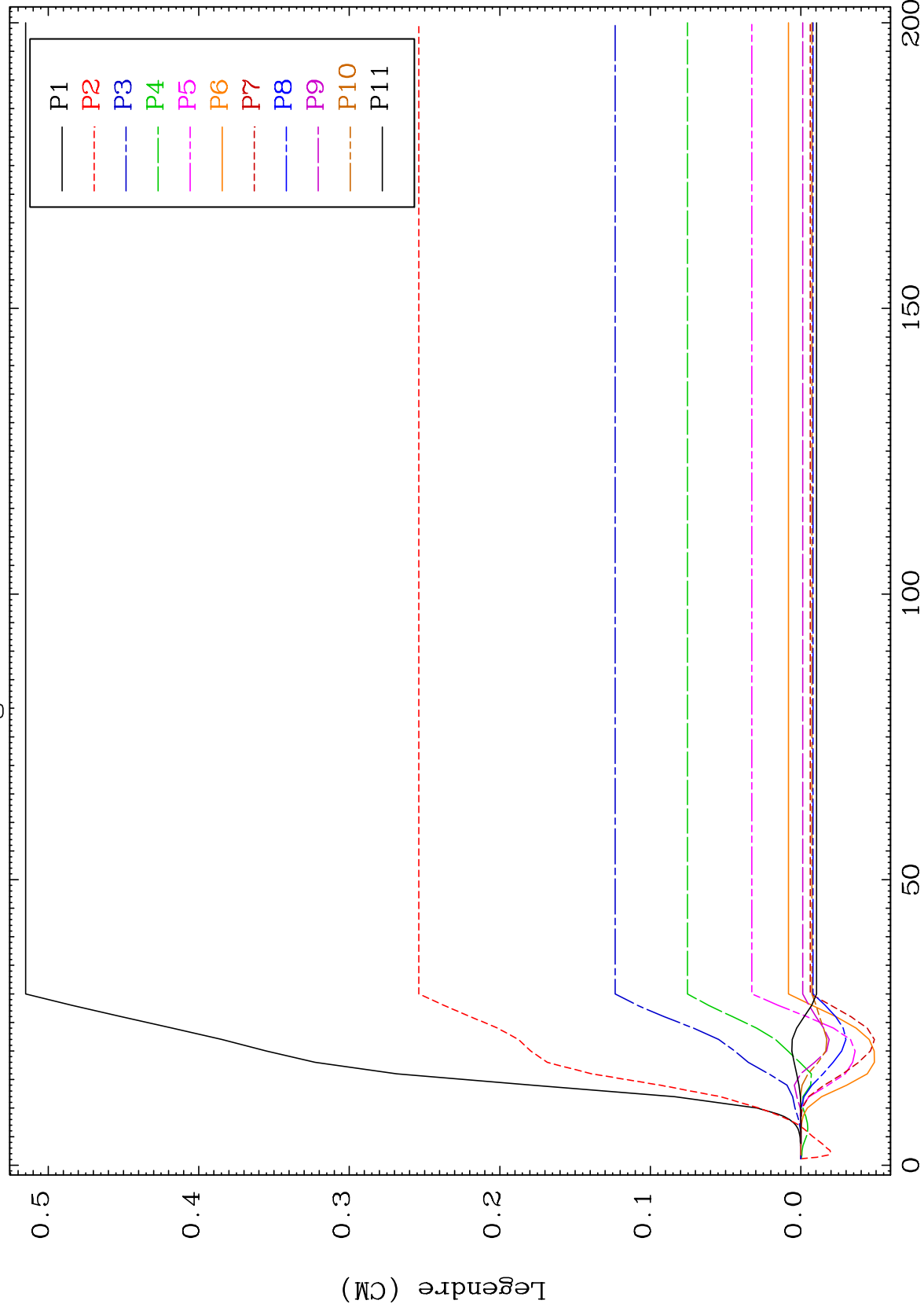
Incident Energy (MeV)

27-Co-59

MAT 2725

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

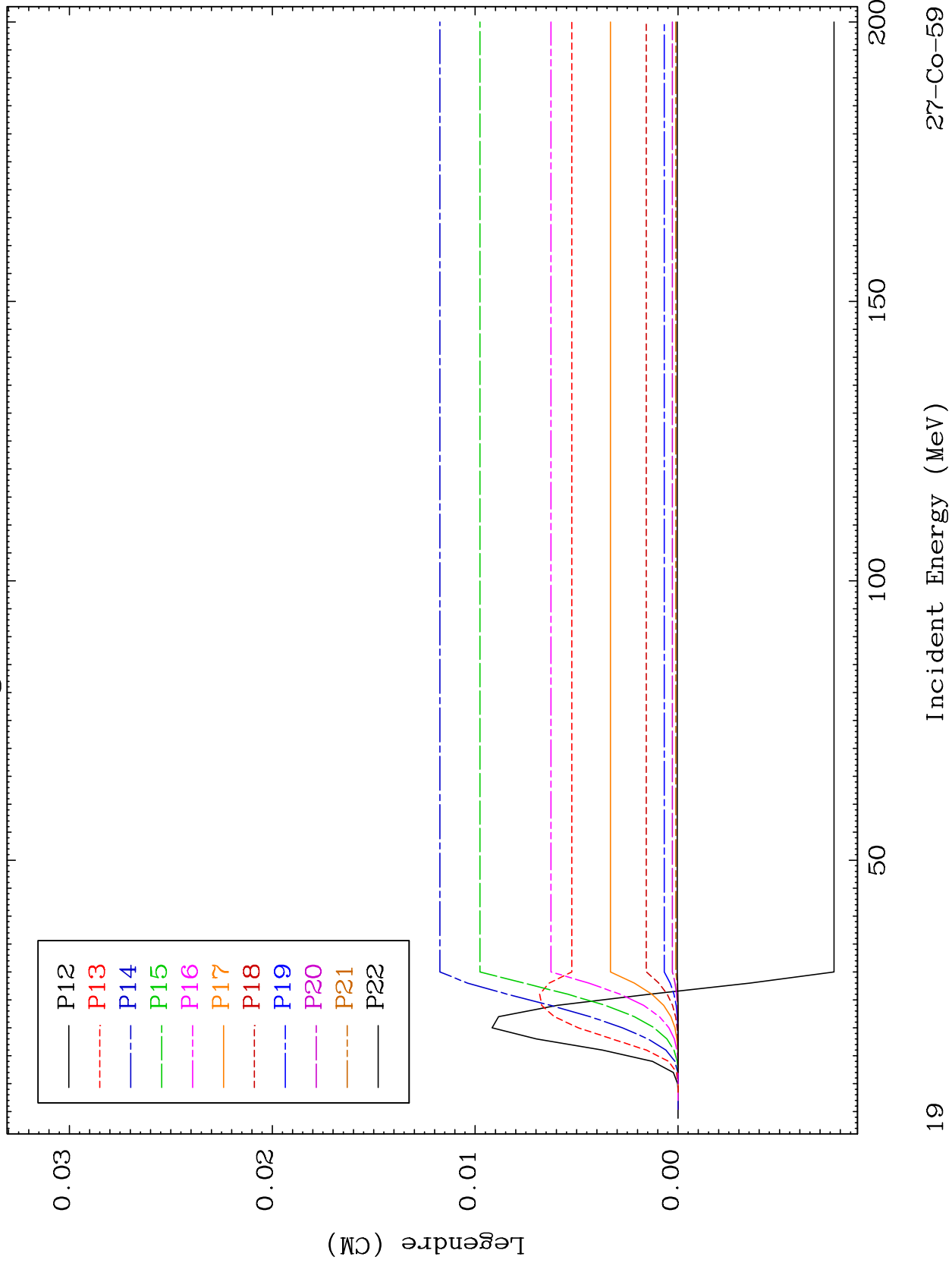
27-Co-59



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27-Co-59

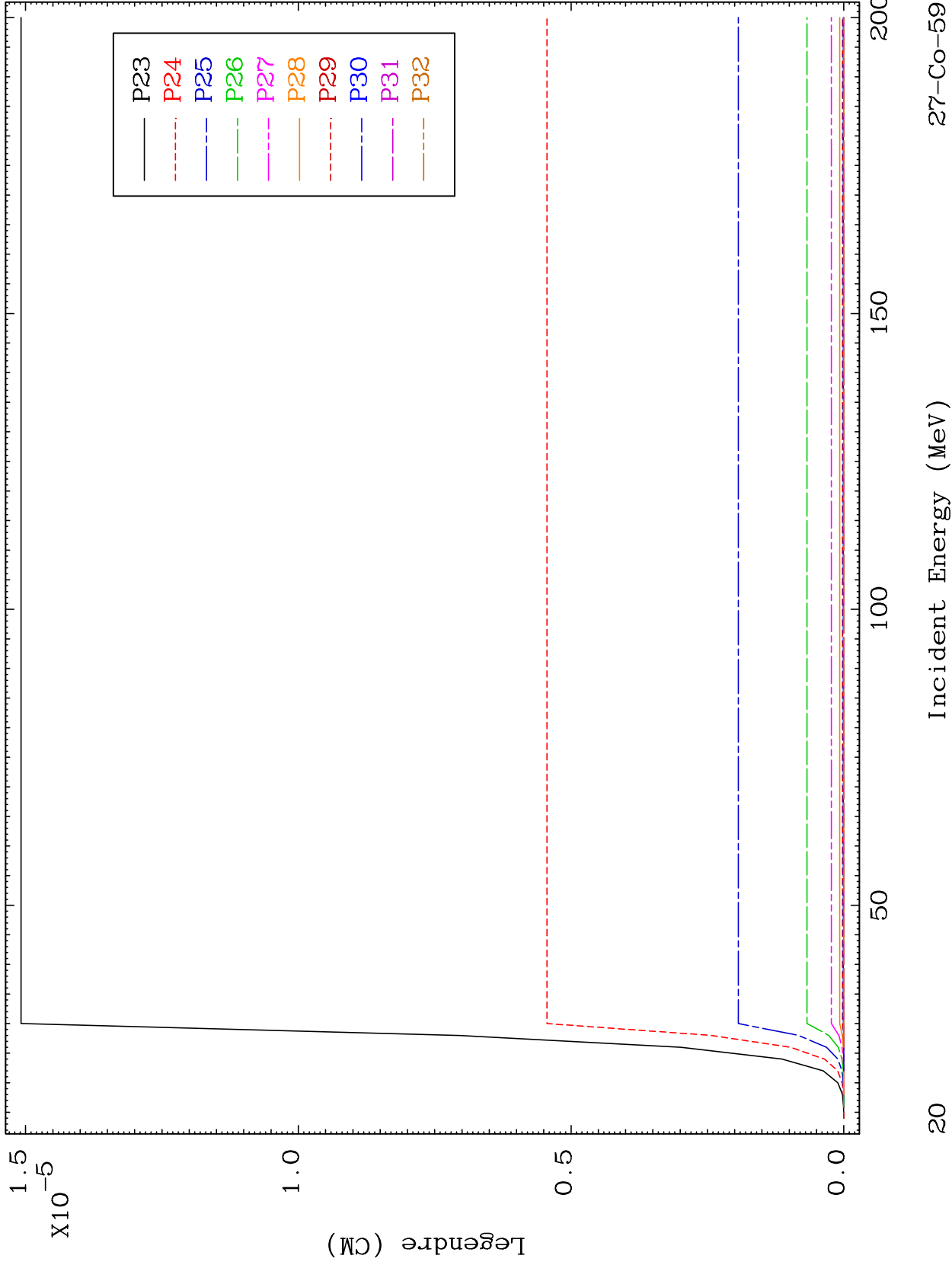
200



MAT 2725

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

27-Co-59



20

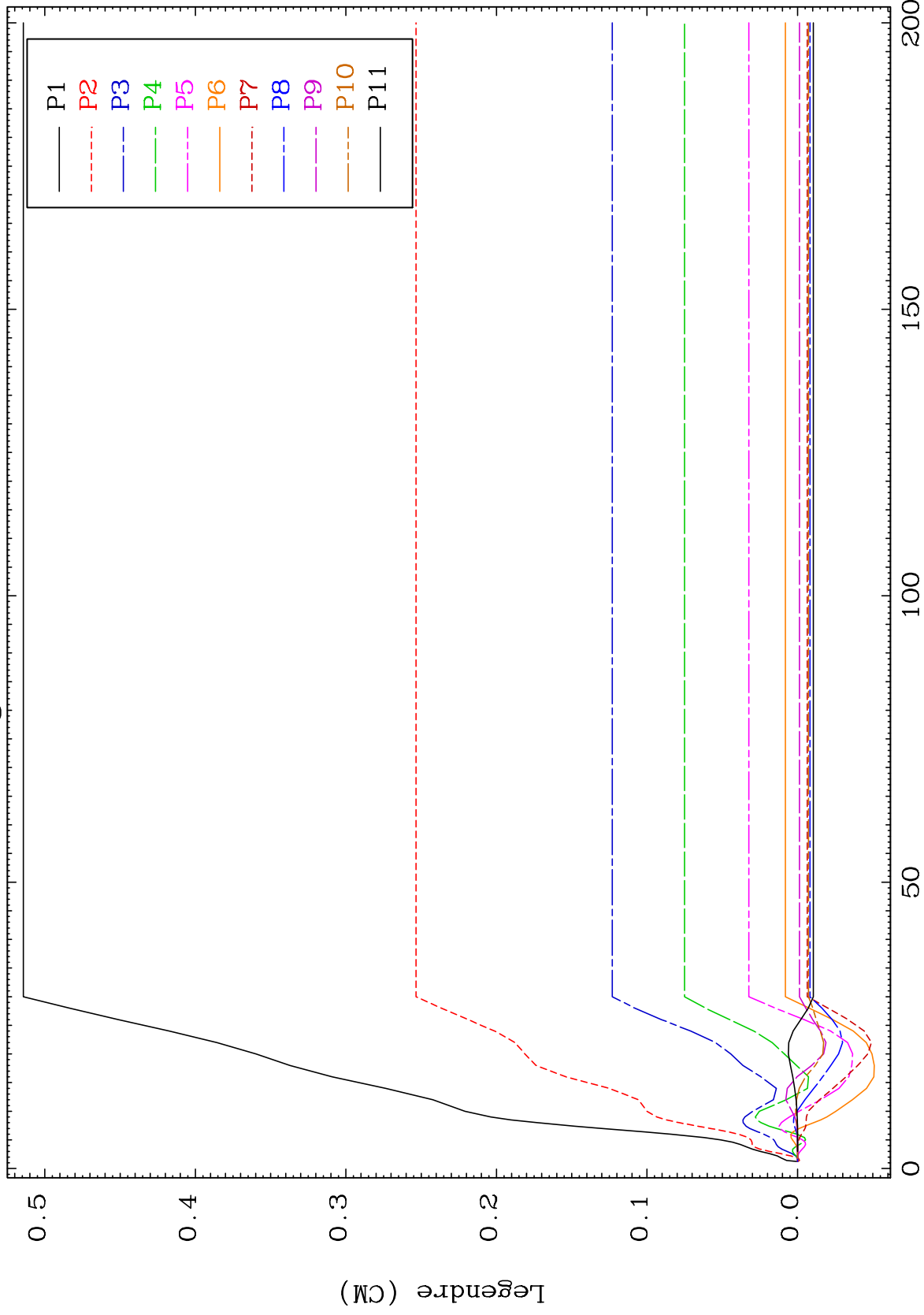
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



21

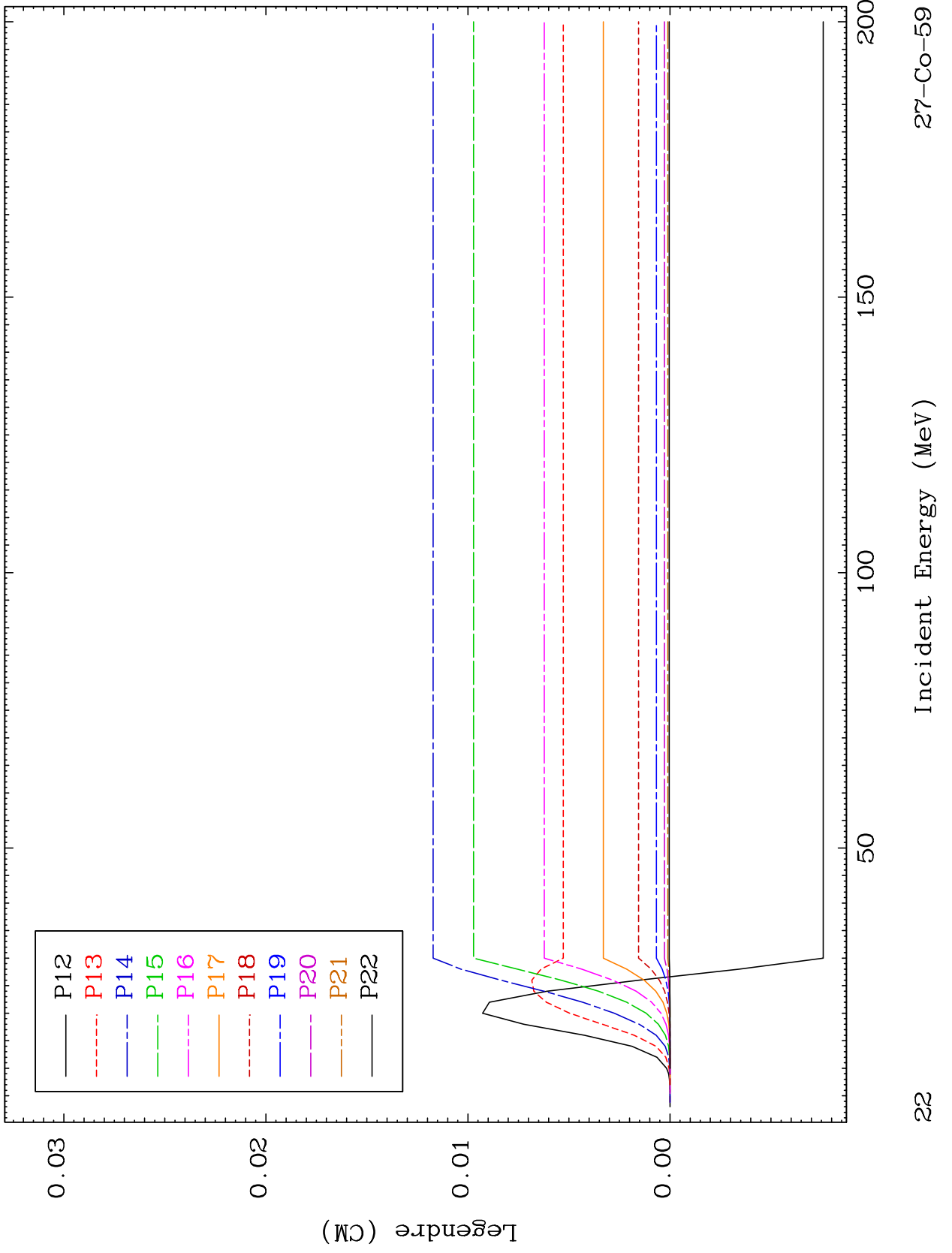
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



22

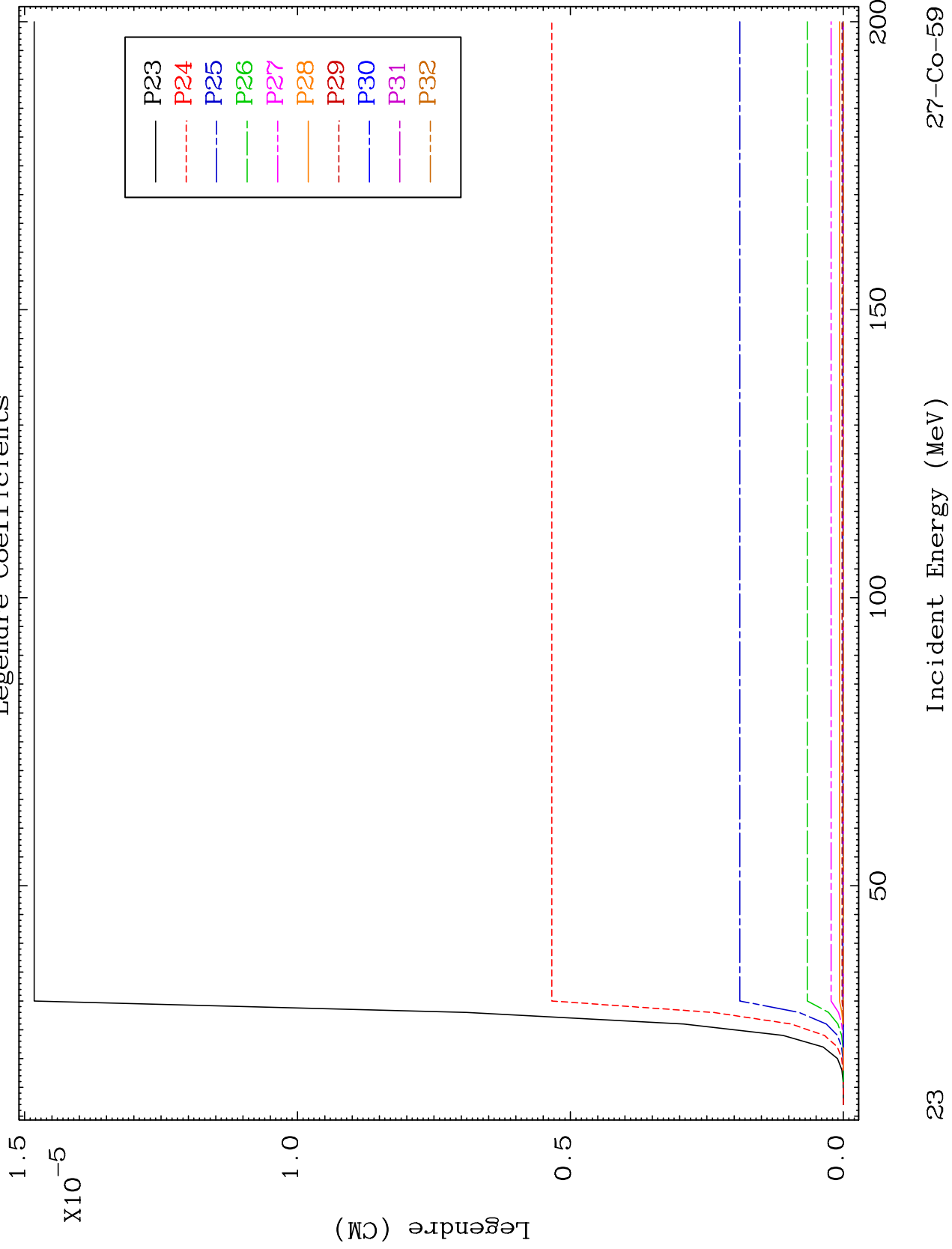
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59

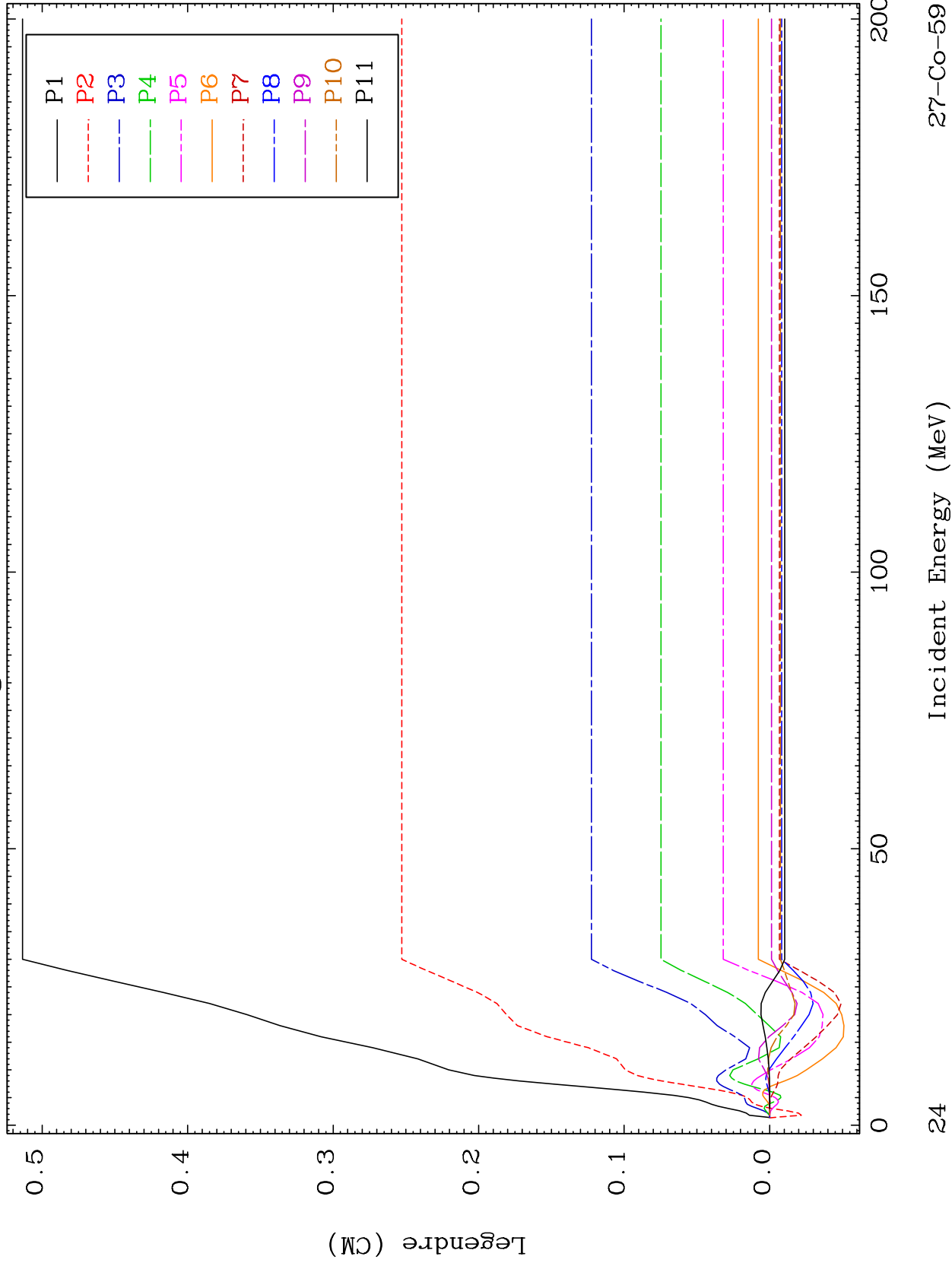


23

MAT 2725

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

27-Co-59



27-Co-59

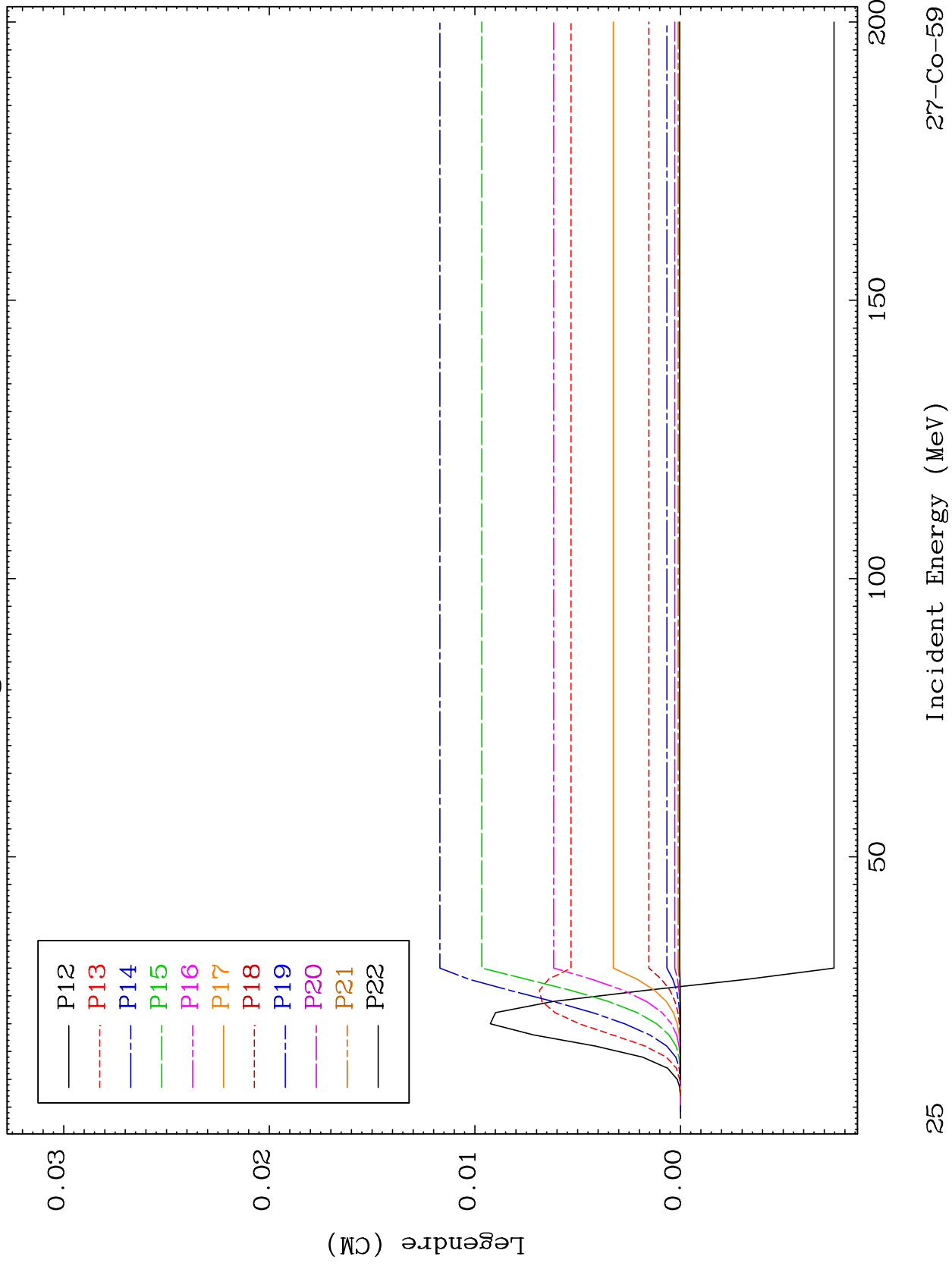
Incident Energy (MeV)

24

MAT 2725

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

27-Co-59



25

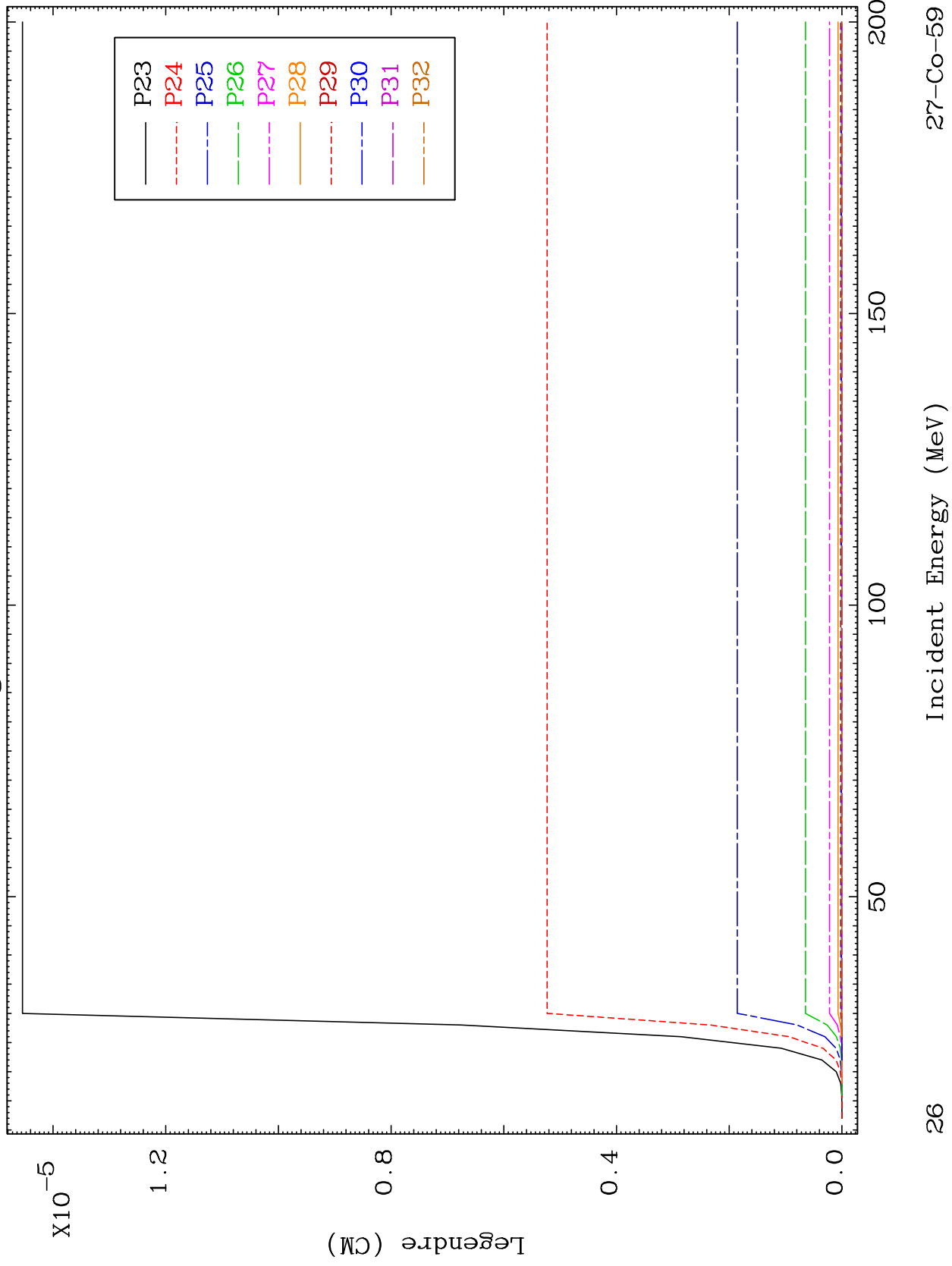
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



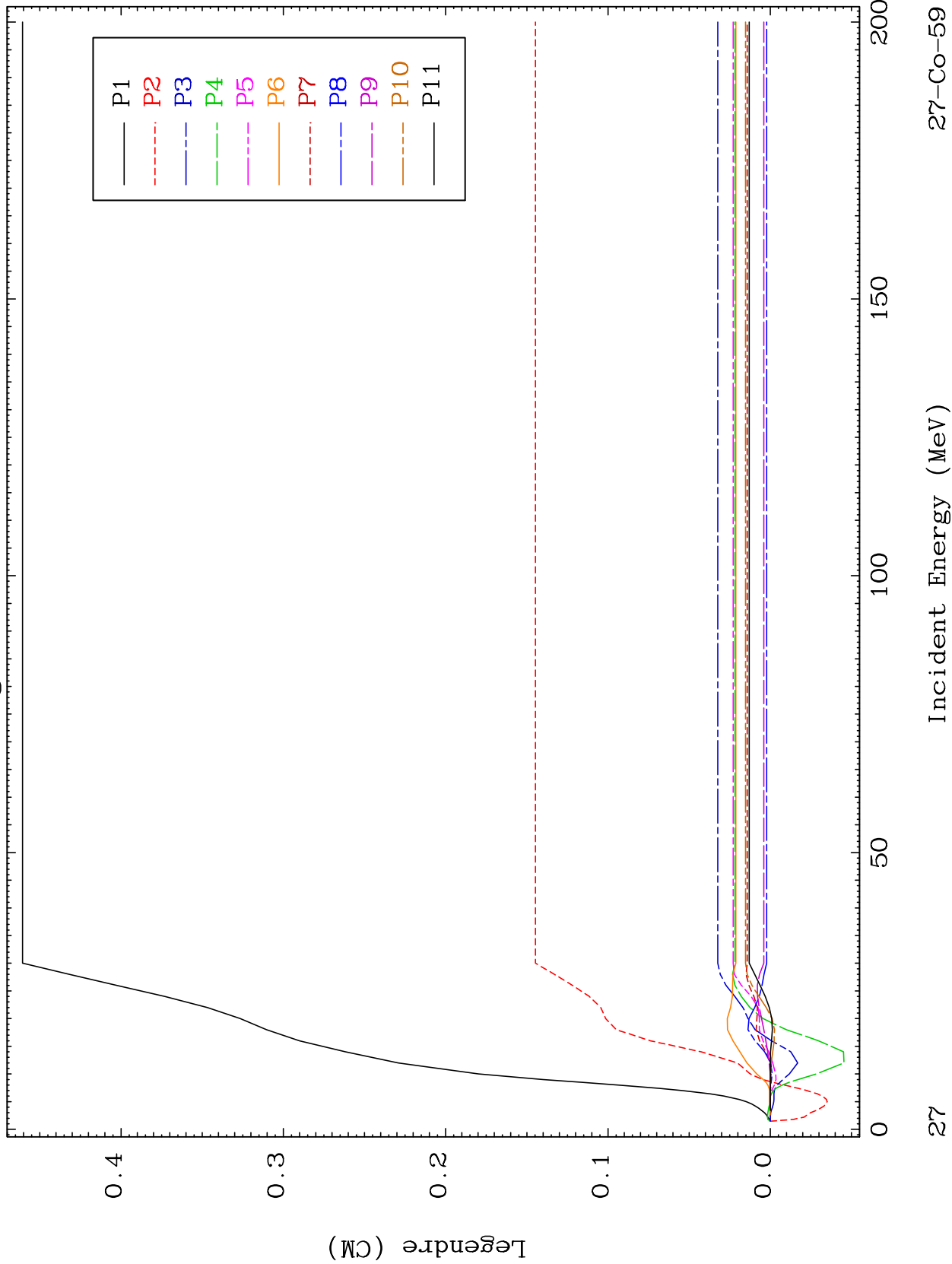
26

27-Co-59

MAT 2725

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

27-Co-59



27-Co-59

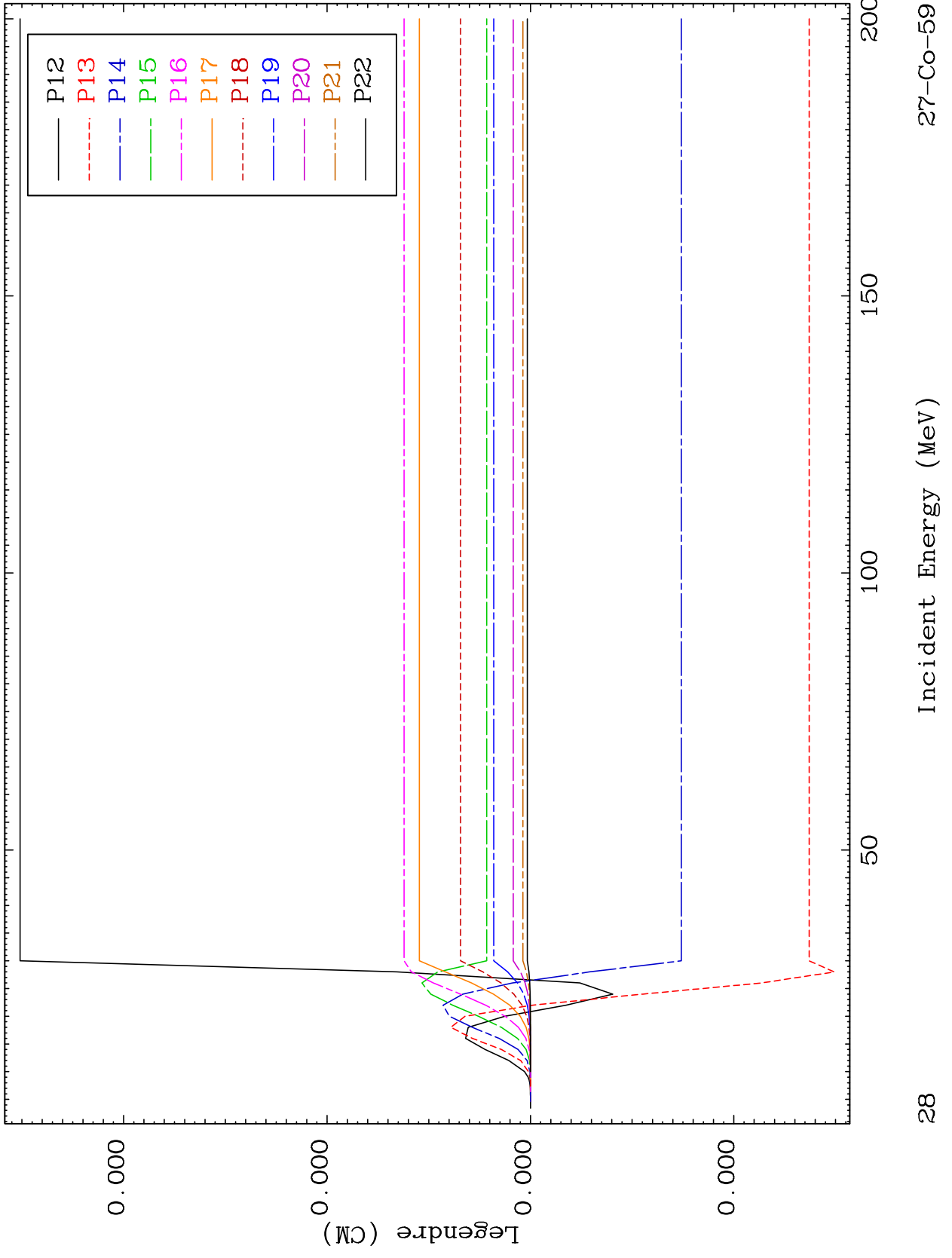
Incident Energy (MeV)

27

MAT 2725

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

27-Co-59



28

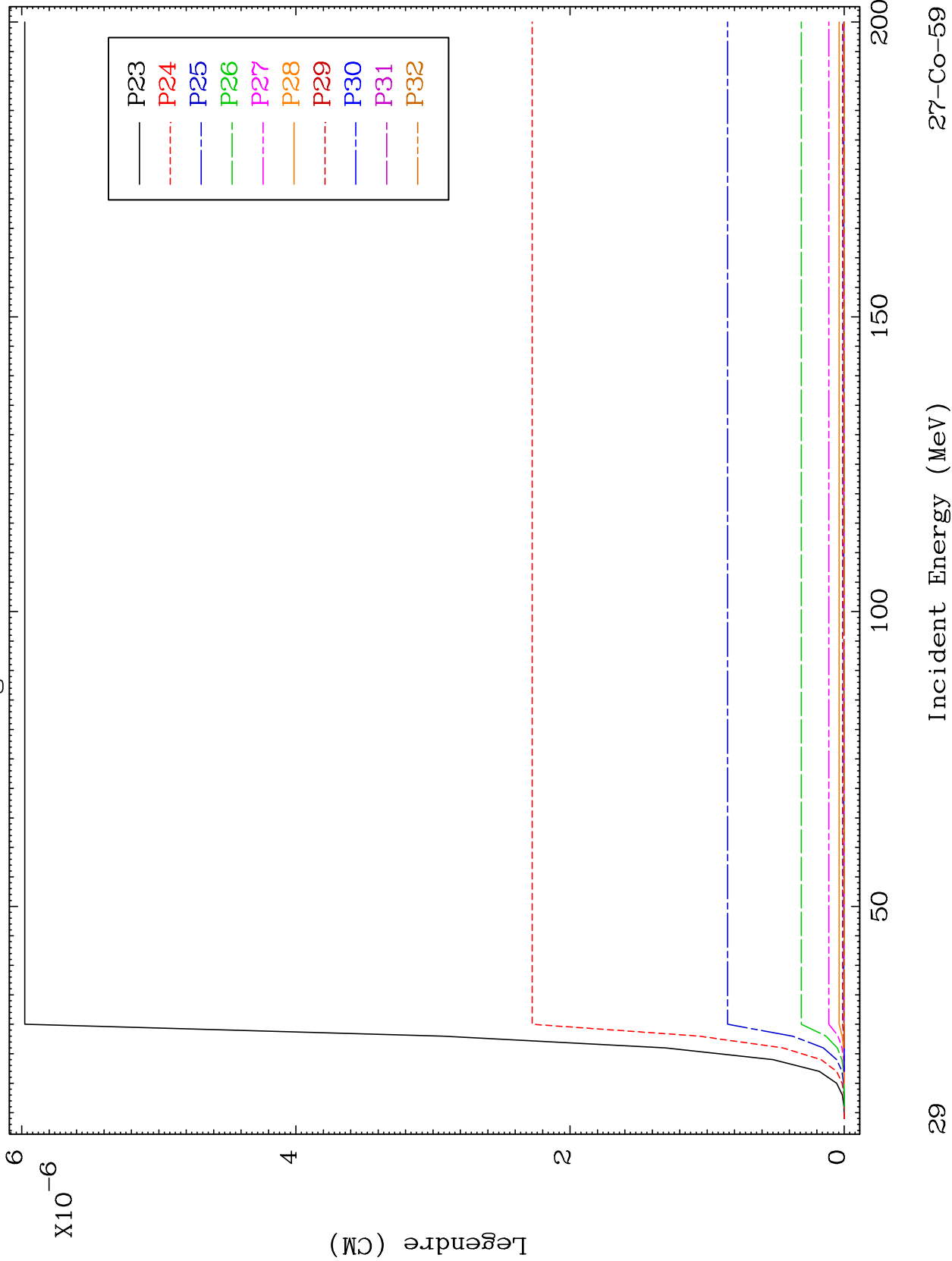
Incident Energy (MeV)

27-Co-59

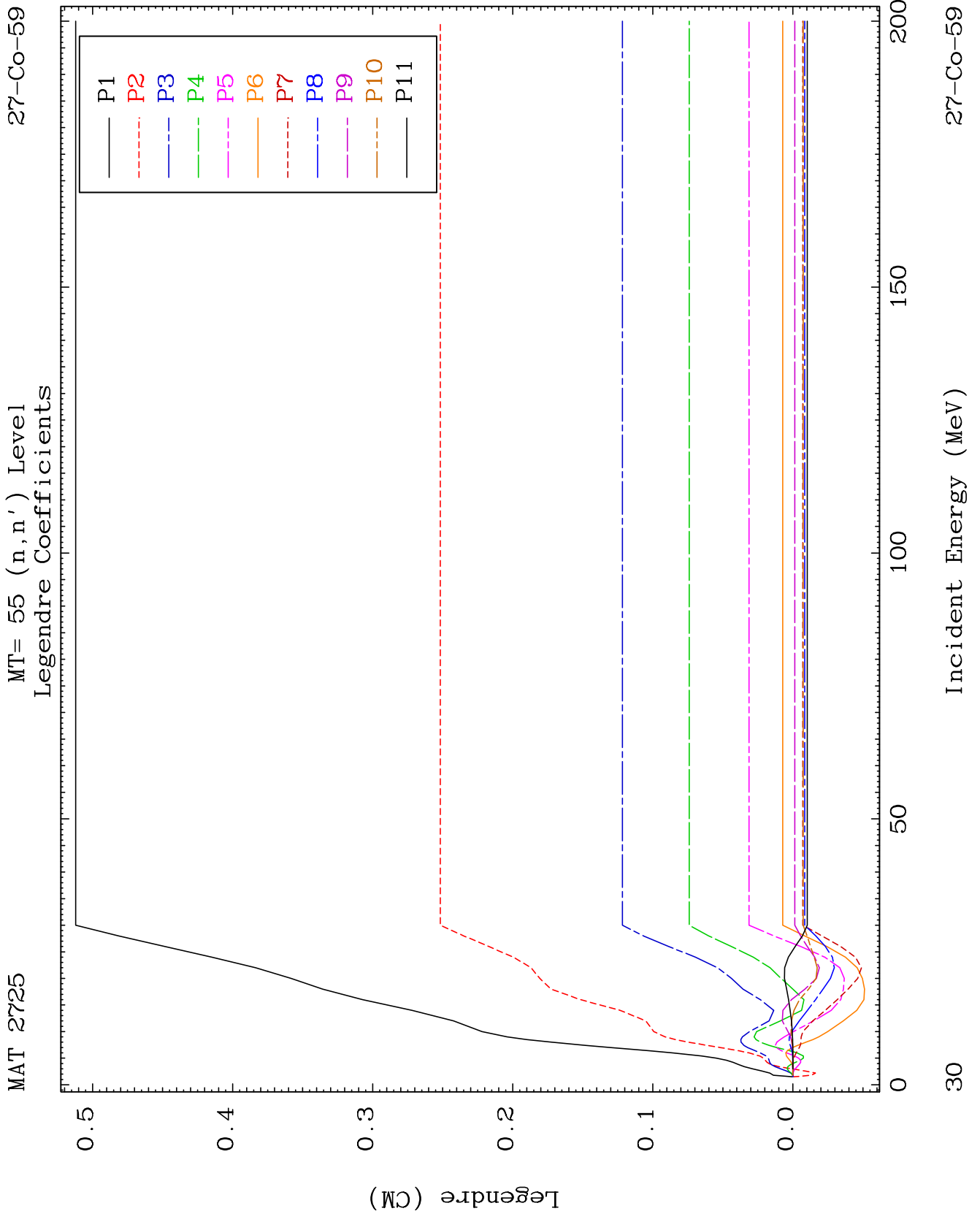
MAT 2725

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

27-Co-59



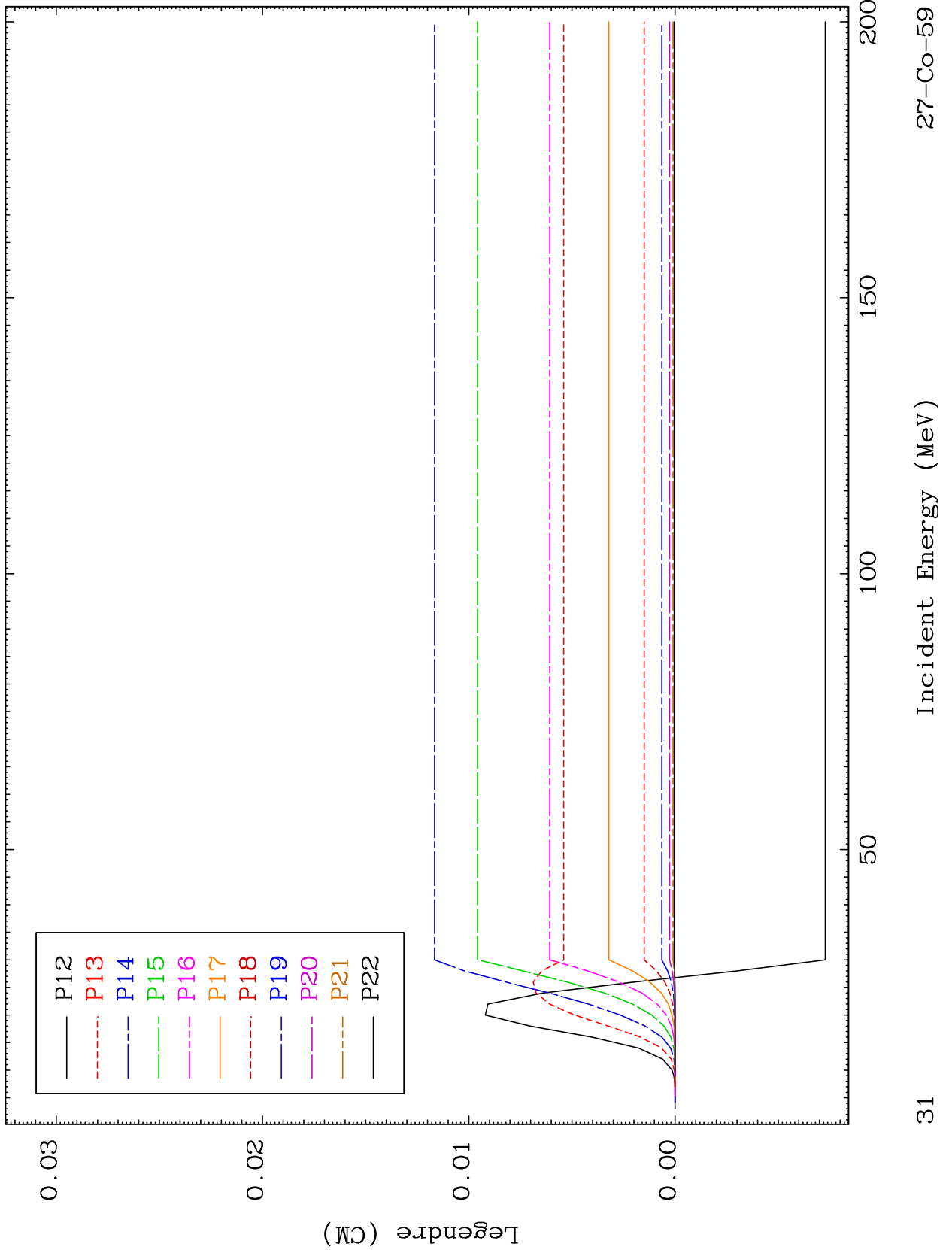
29



MAT 2725

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

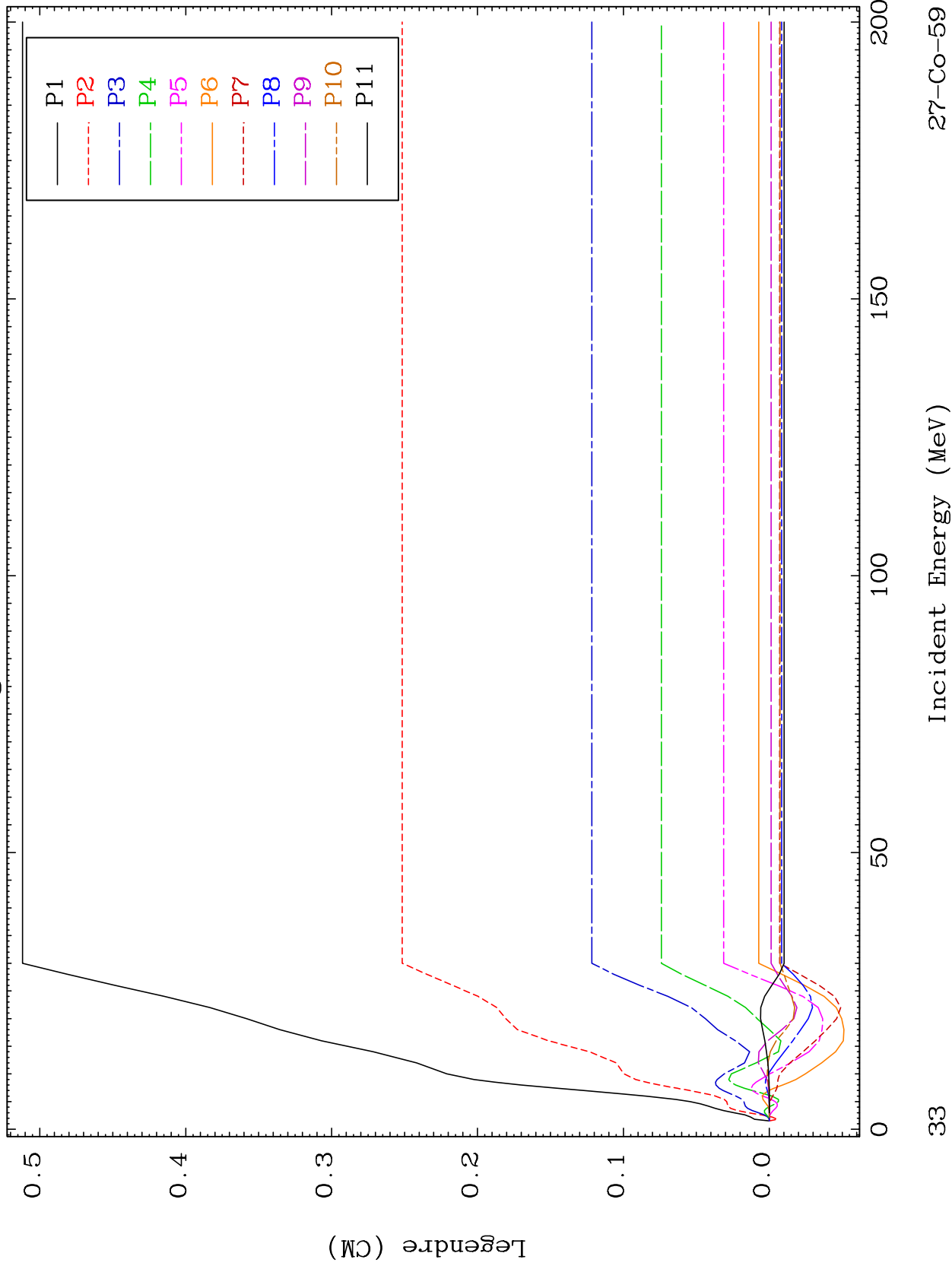
27-Co-59

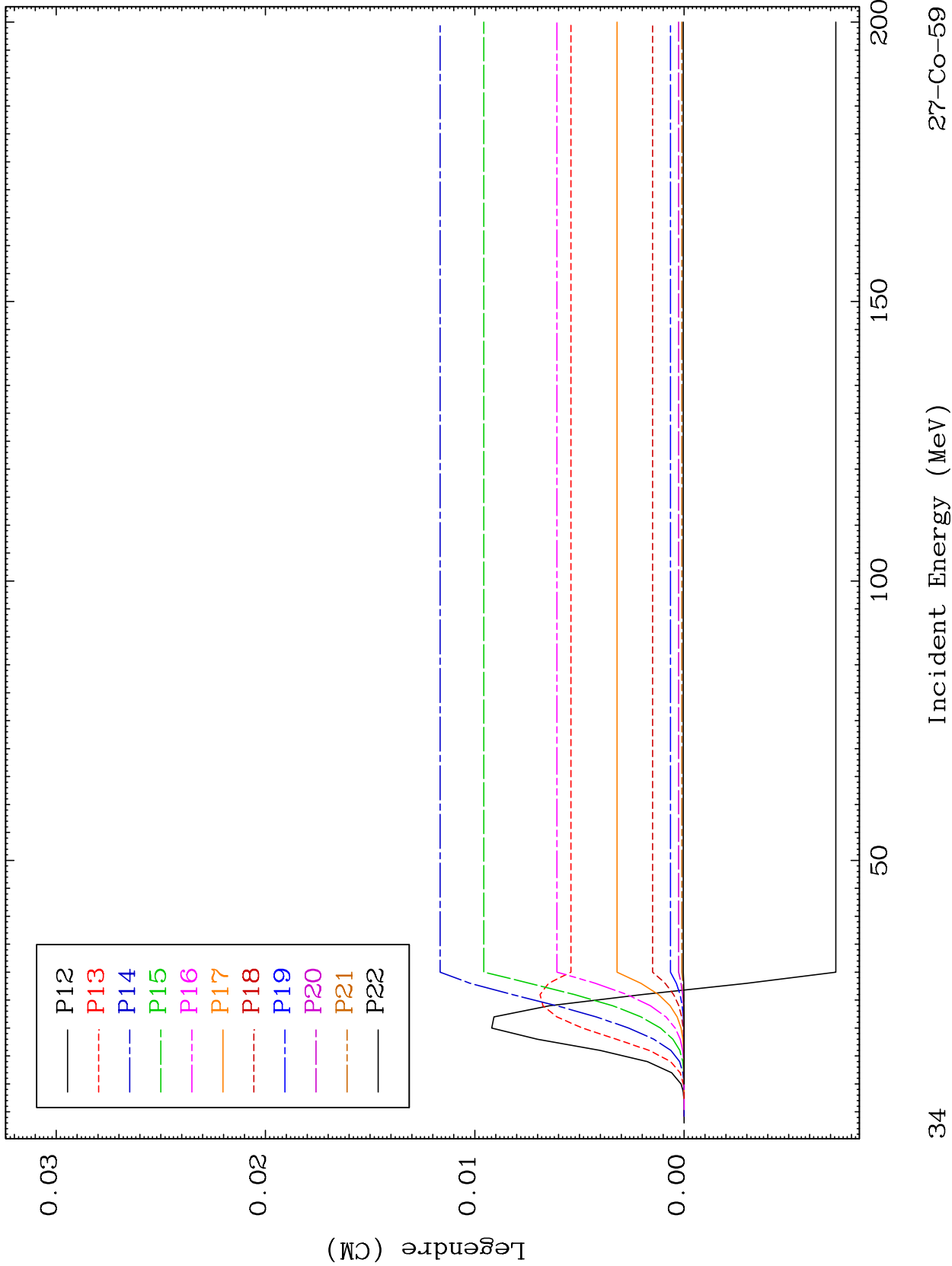


MAT 2725

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

27-Co-59

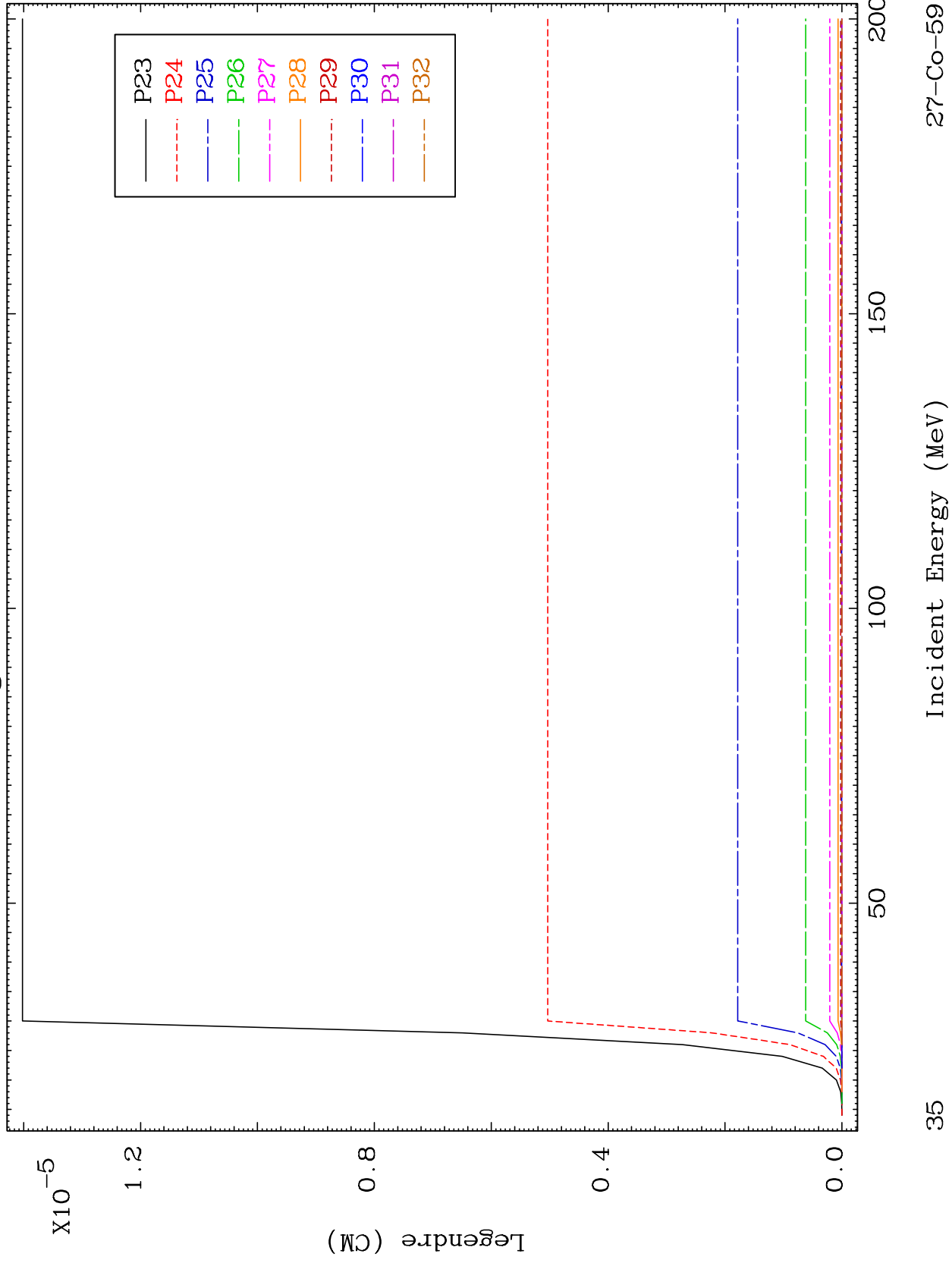




MAT 2725

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

27-Co-59



35

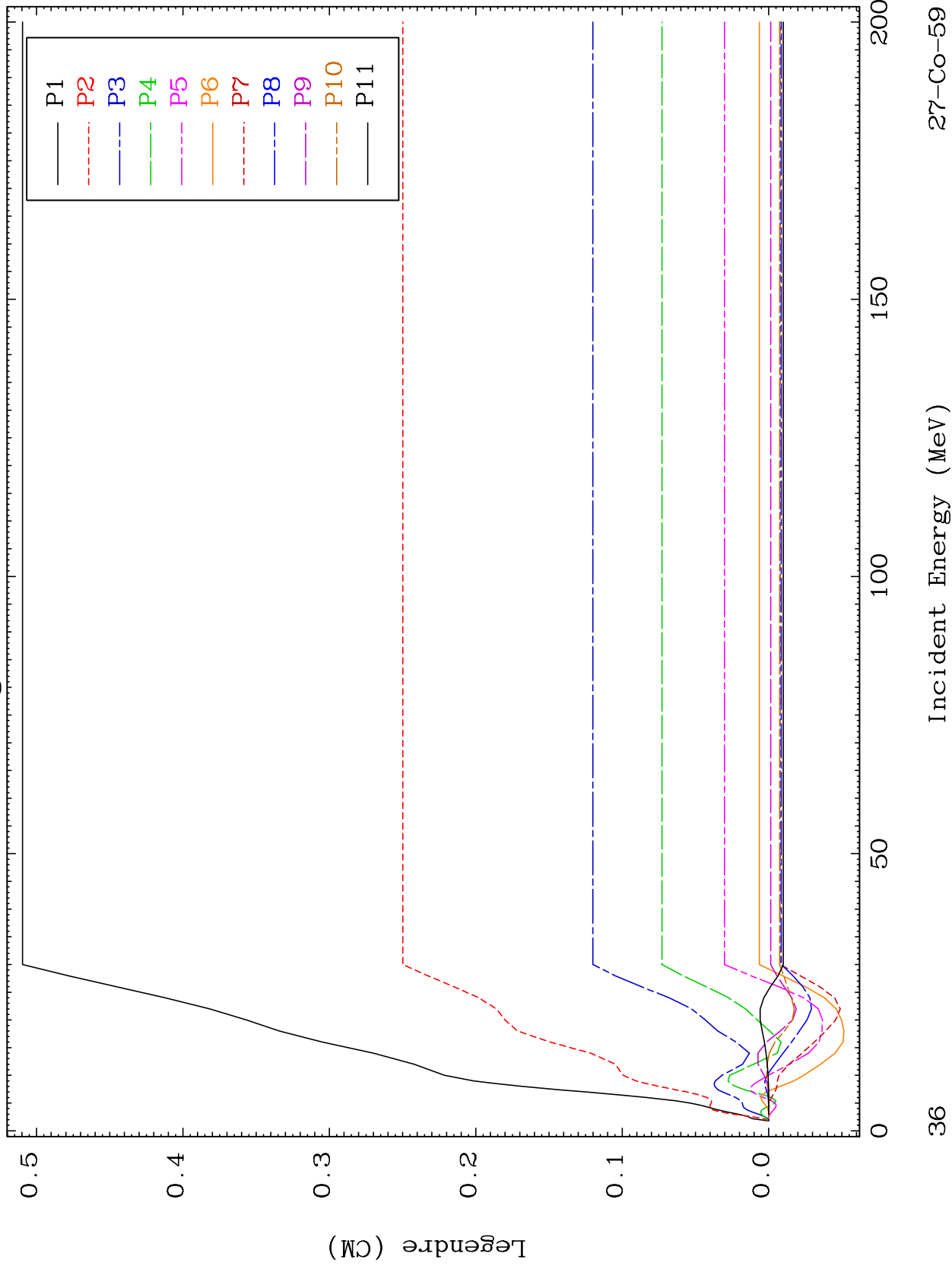
Incident Energy (MeV)

27-Co-59

MAT 2725

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

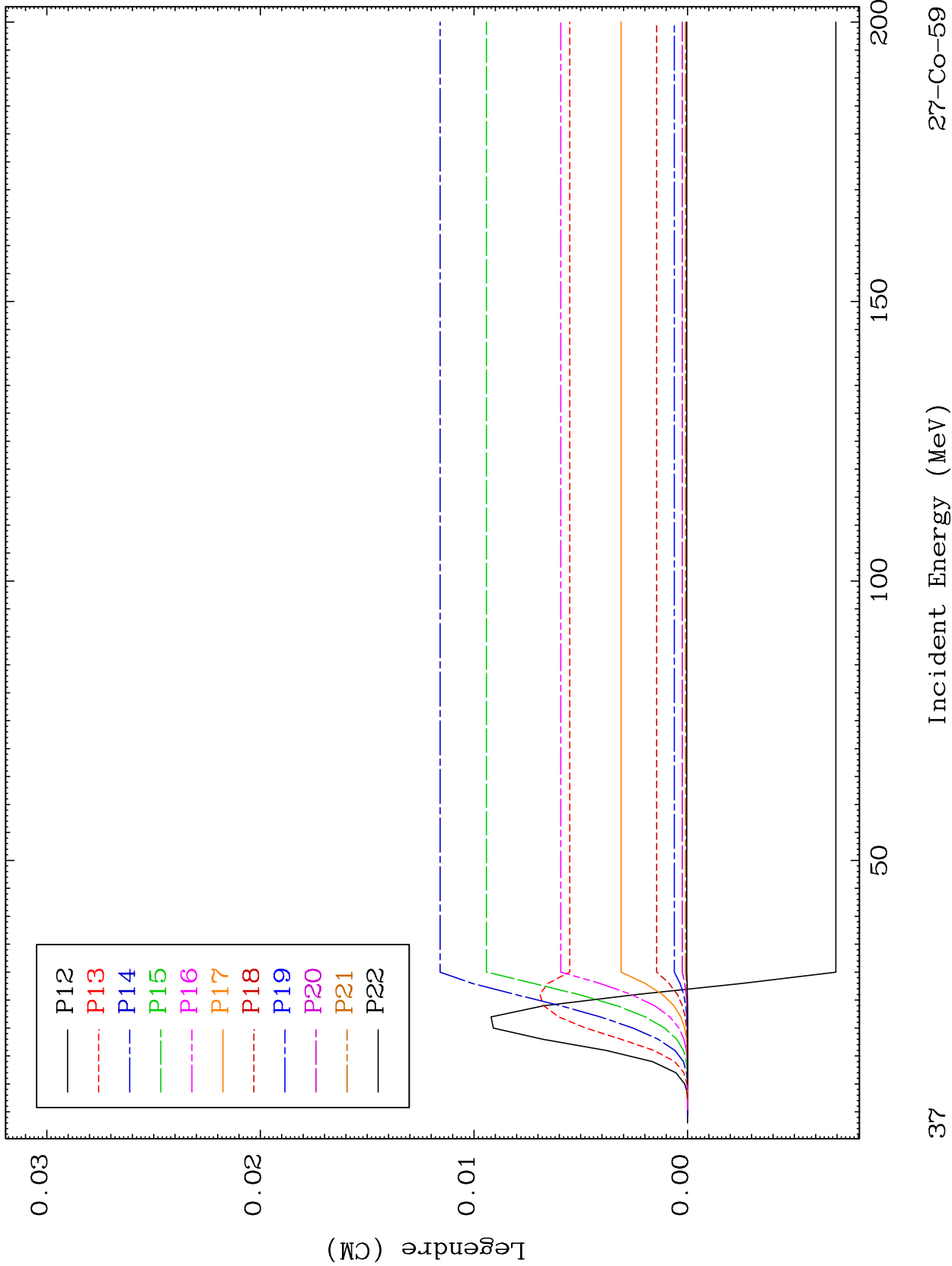
27-Co-59



27-Co-59

Incident Energy (MeV)

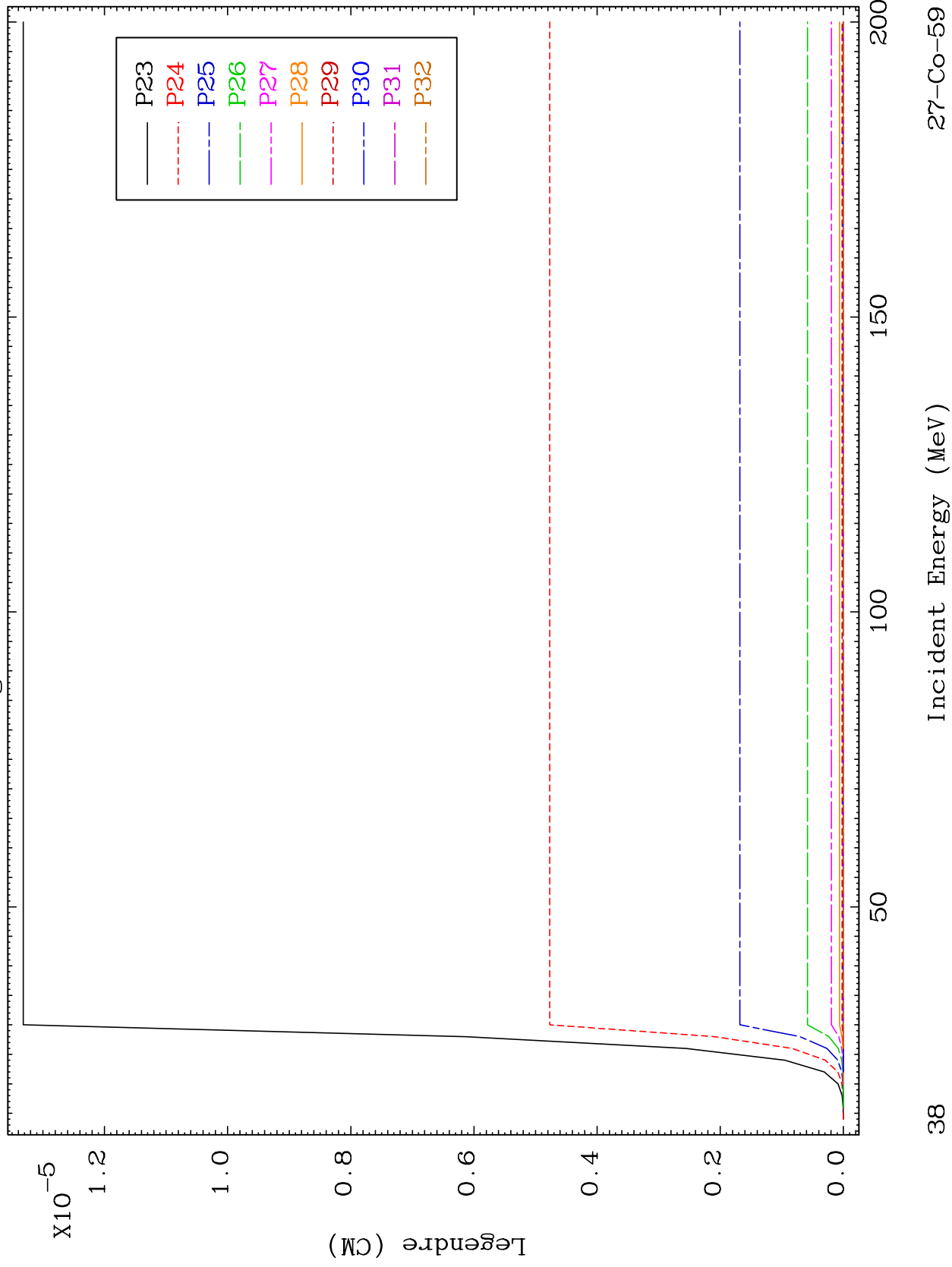
36



MAT 2725

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

27-Co-59



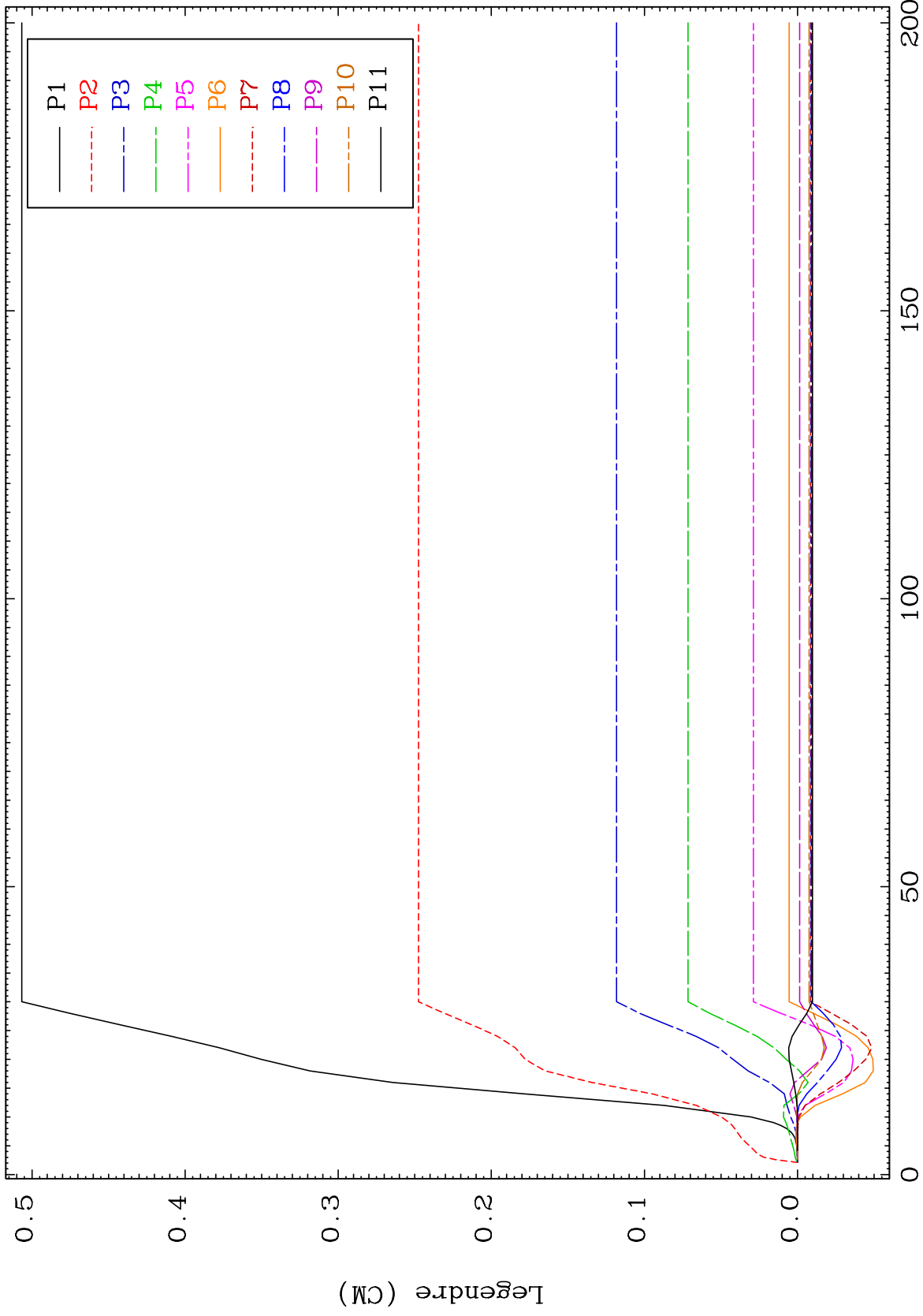
38

27-Co-59

MAT 2725

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

27-Co-59



39

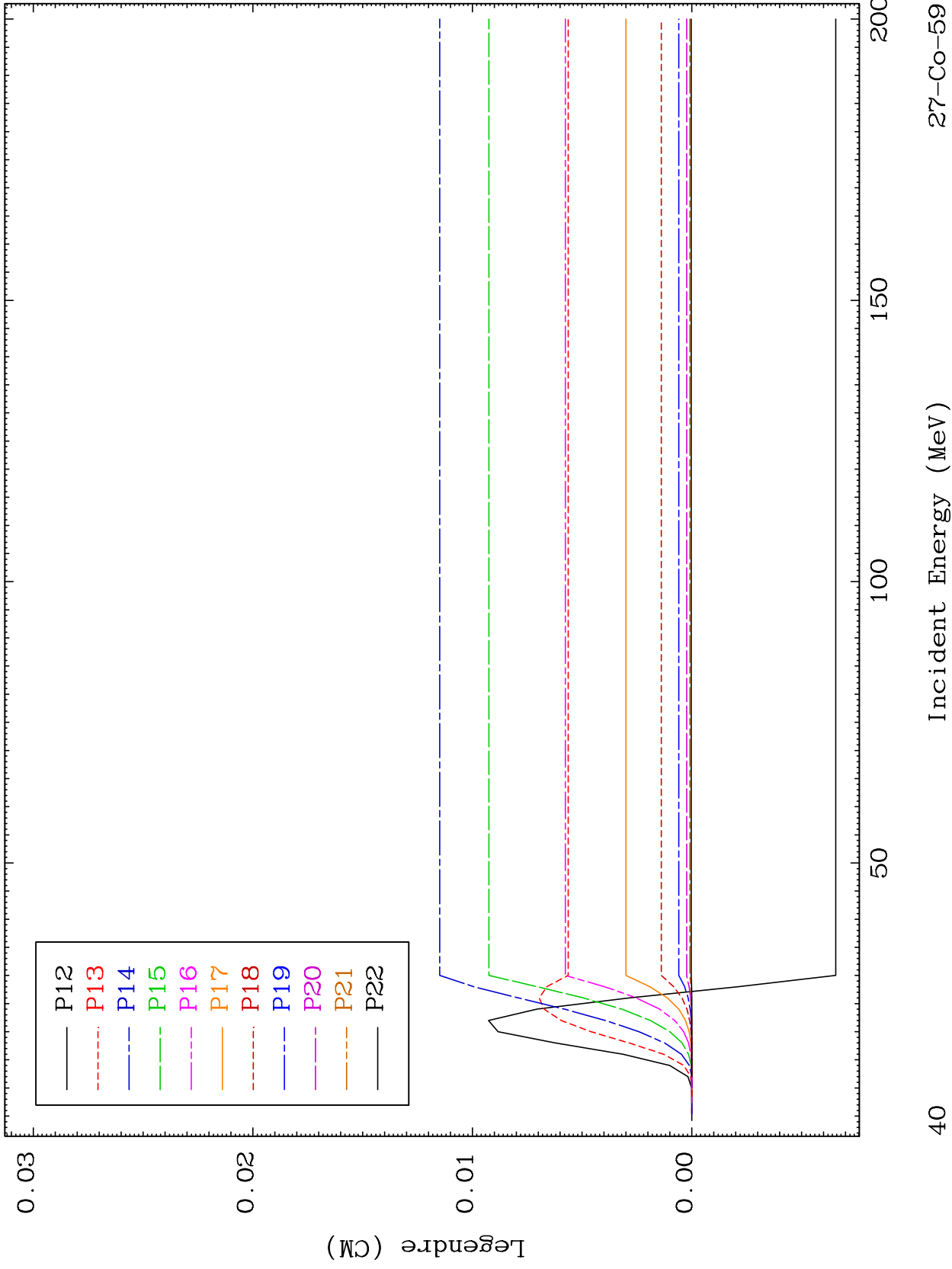
Incident Energy (MeV)

27-Co-59

MAT 2725

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

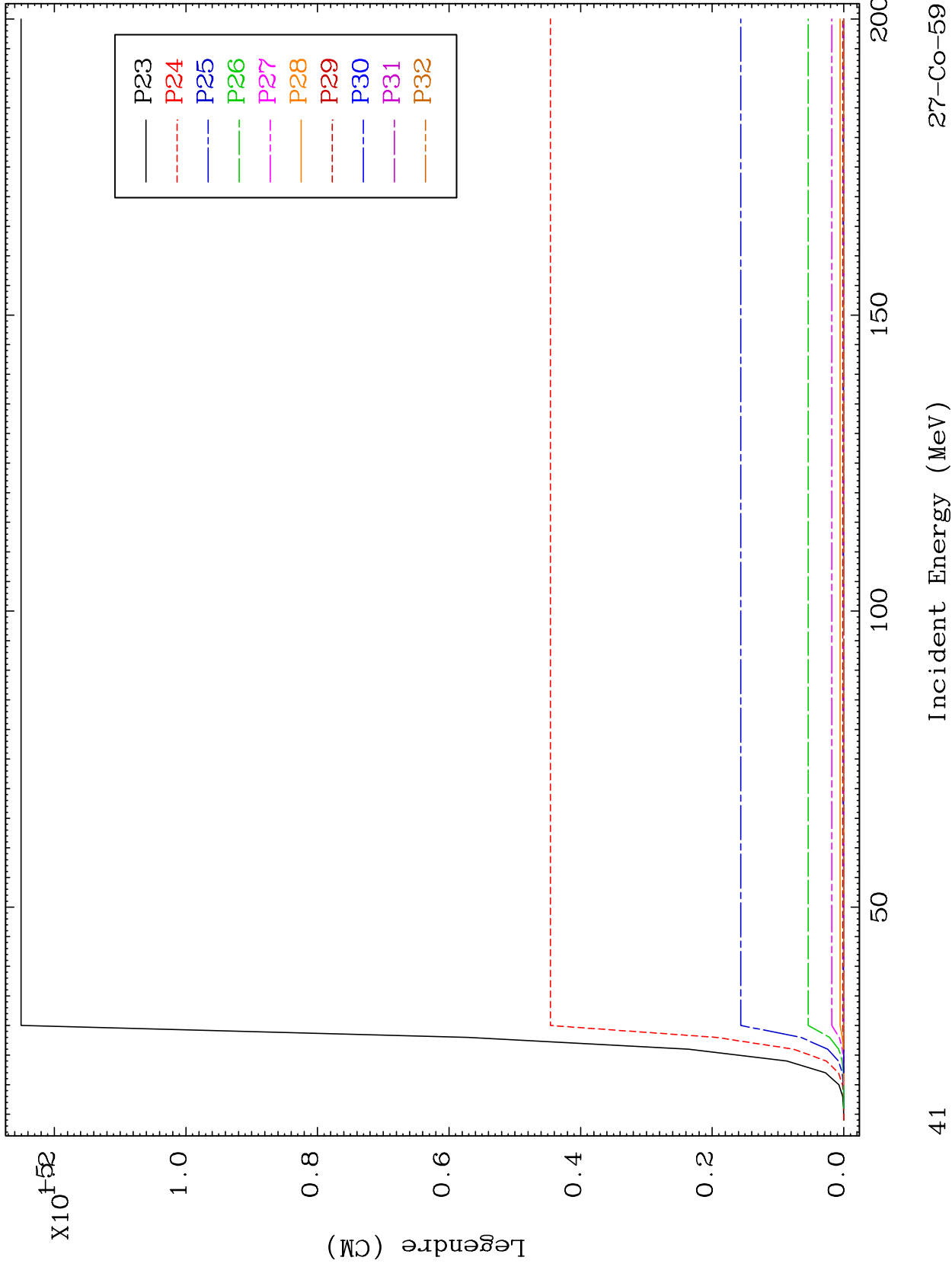
27-Co-59



MAT 2725

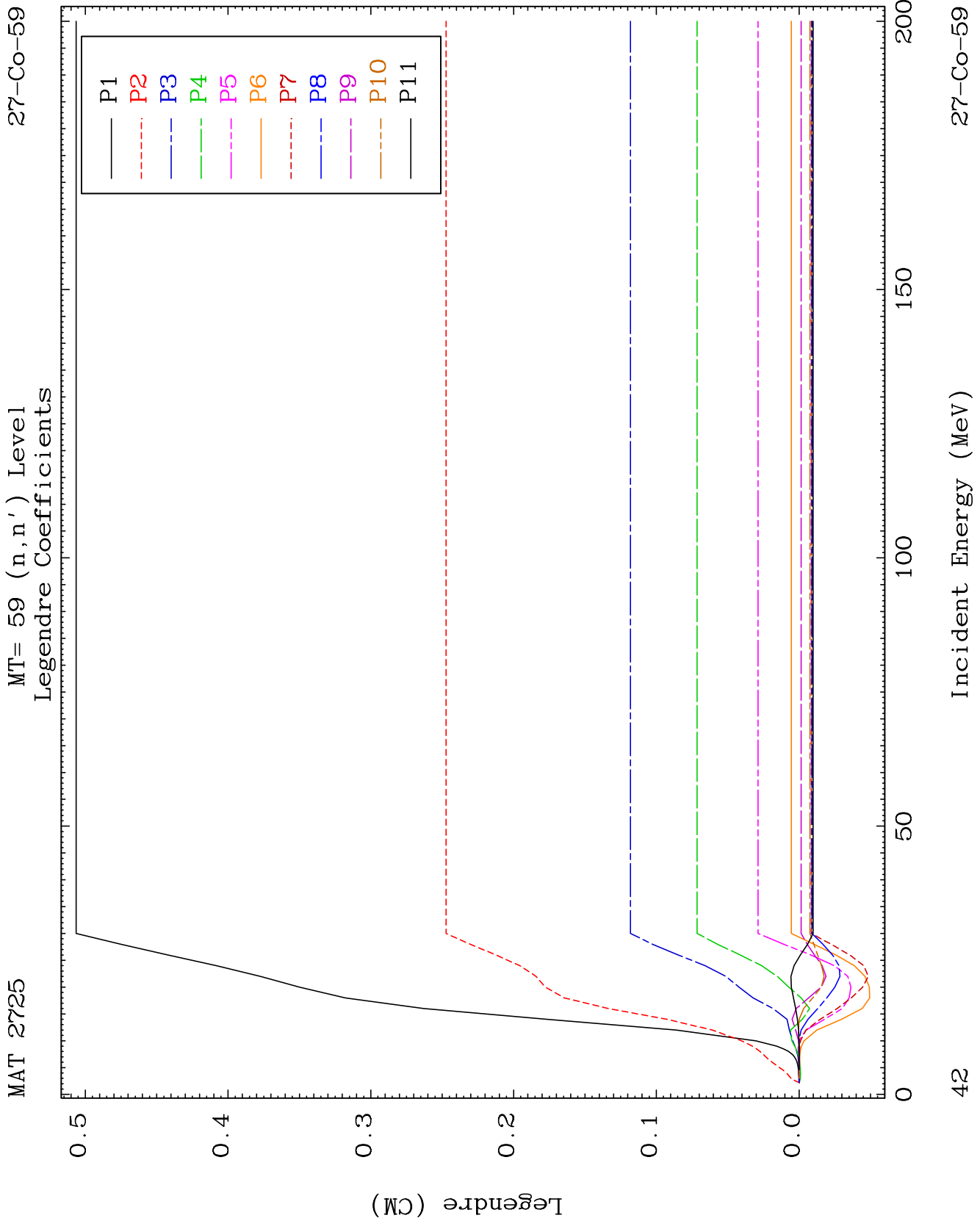
MT= 58 (n,n') Level
Legendre Coefficients

27-Co-59



41

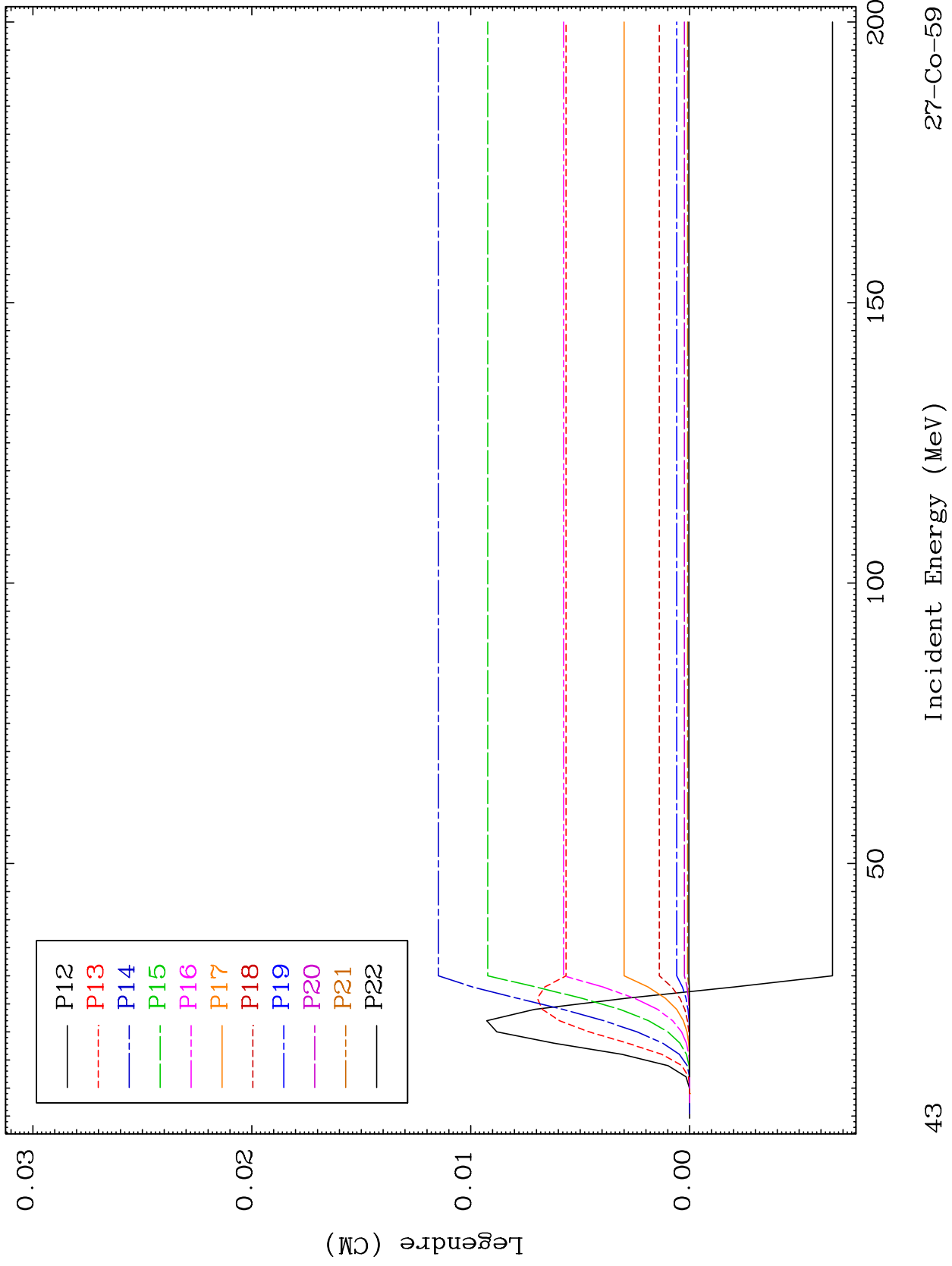
27-Co-59



MAT 2725

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

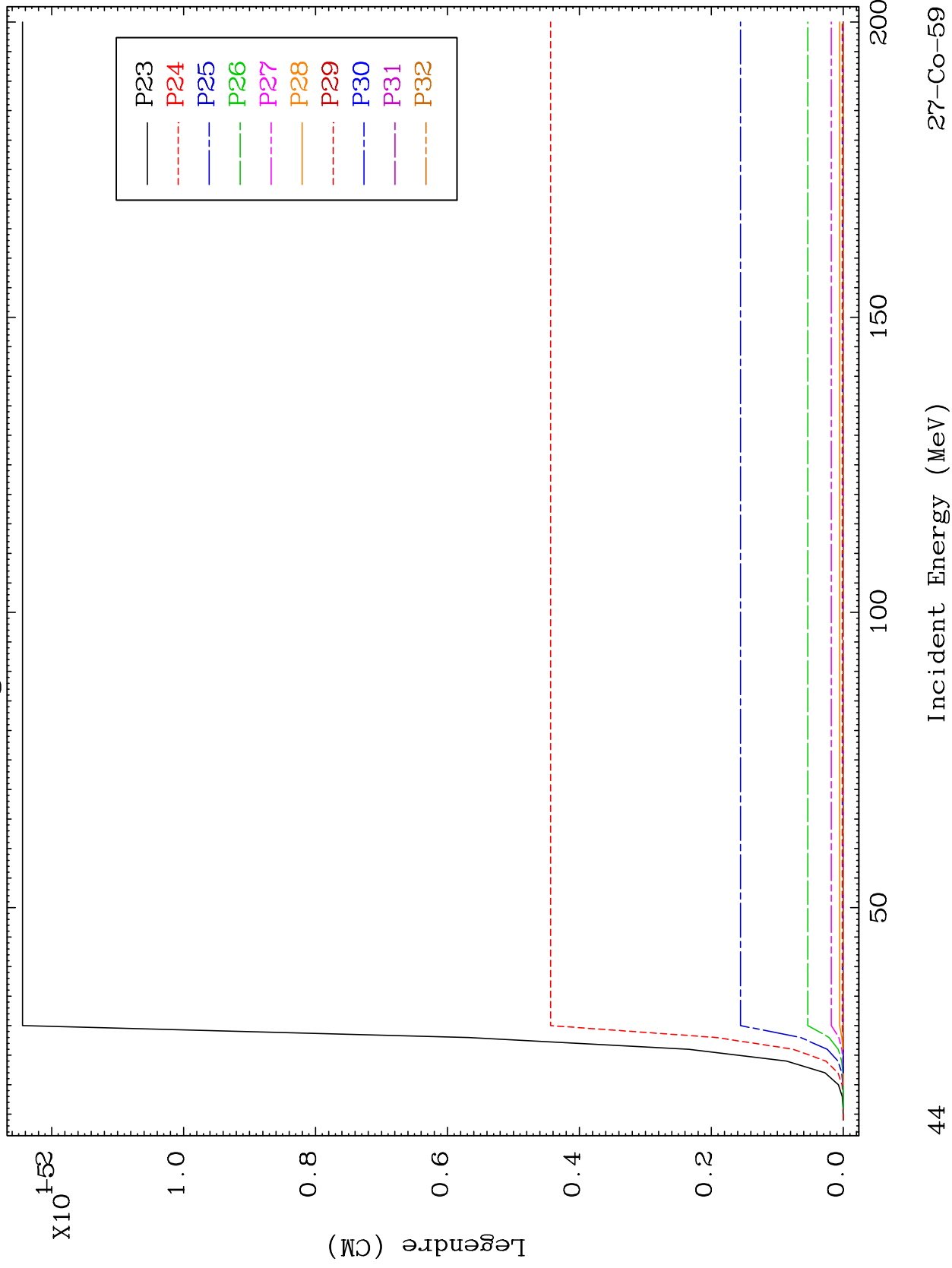
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MAT 2725

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

27-Co-59



44

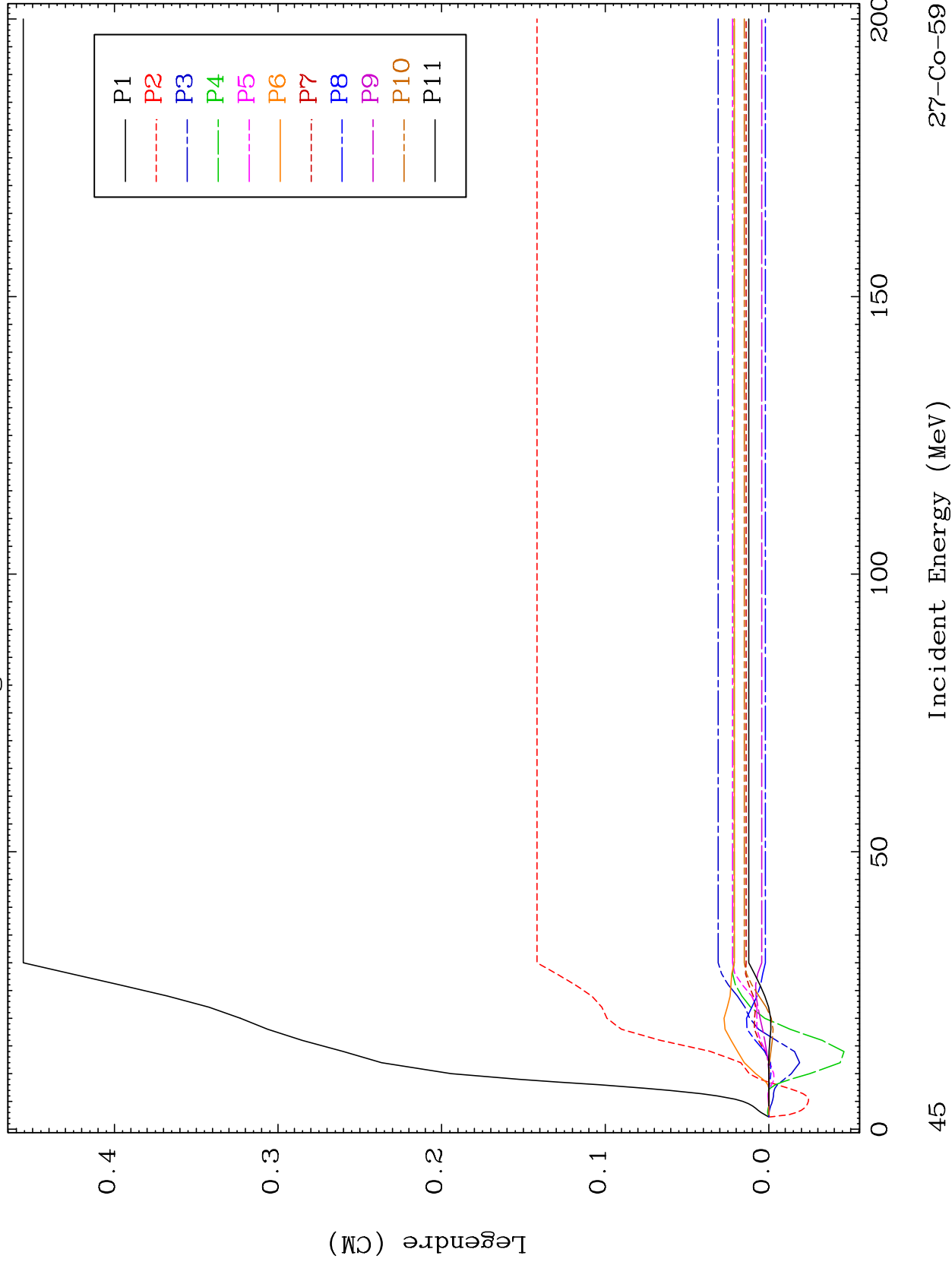
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



27-Co-59

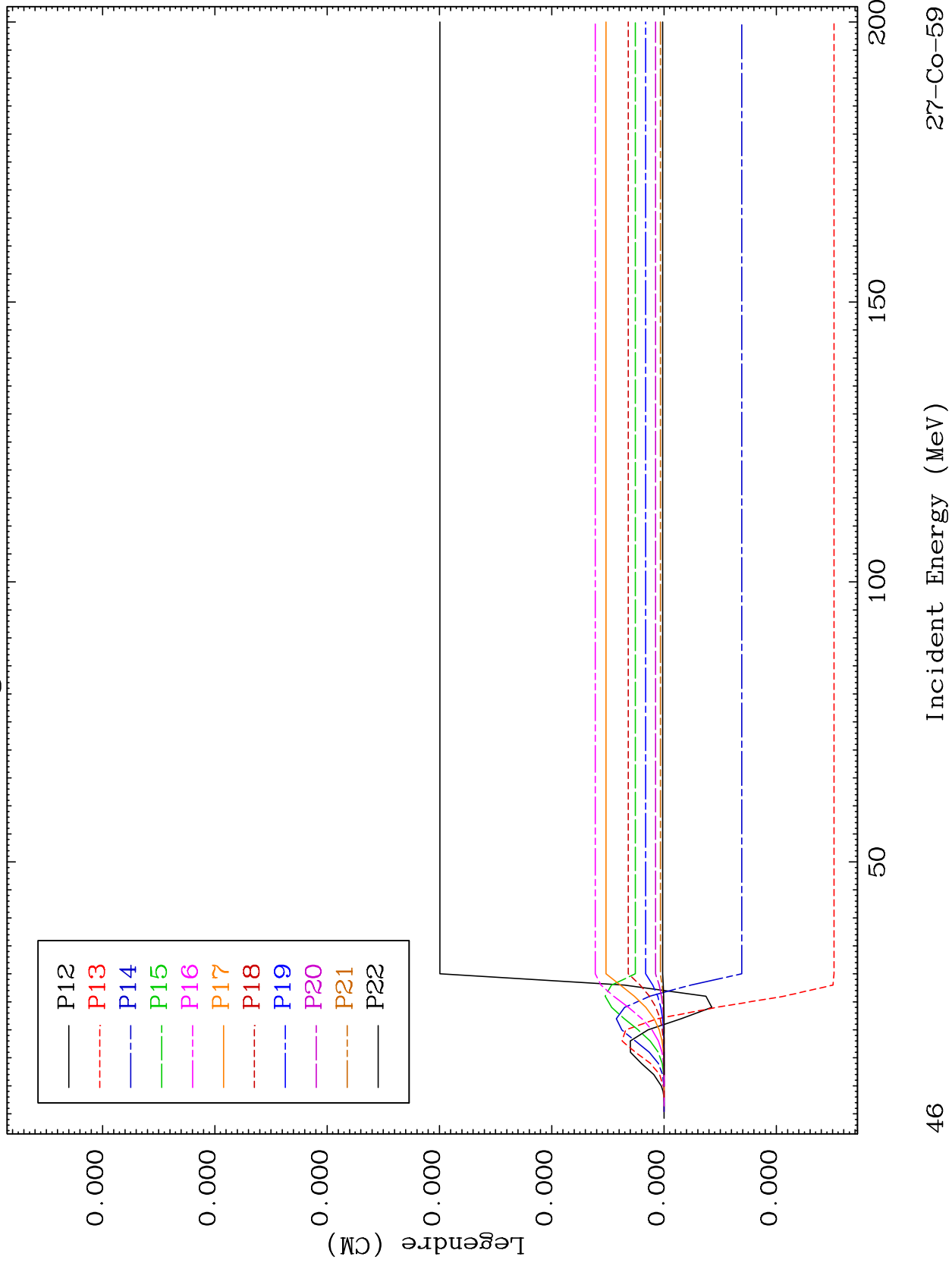
Incident Energy (MeV)

45

MAT 2725

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

27-Co-59



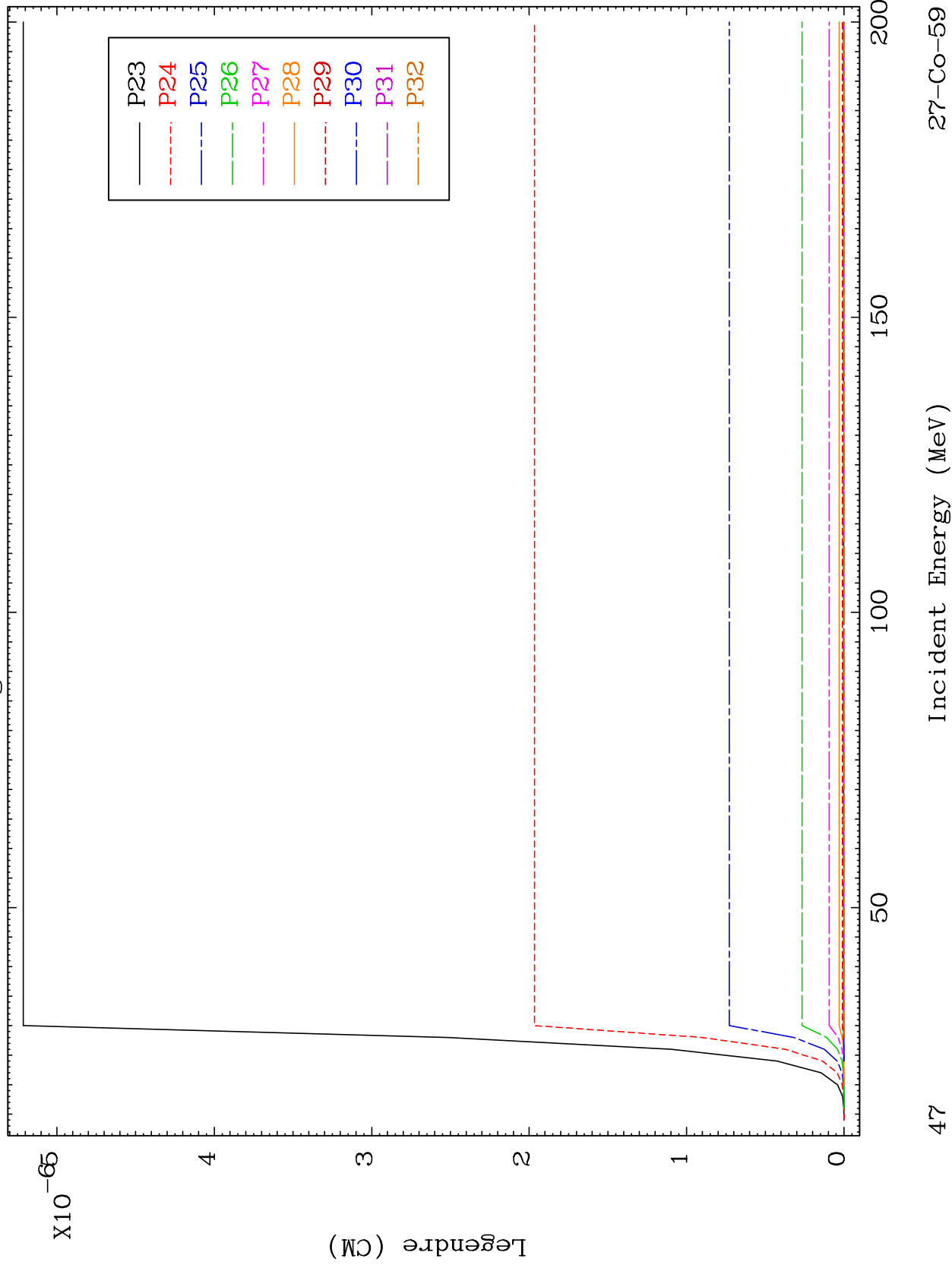
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27-Co-59

MAT 2725

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

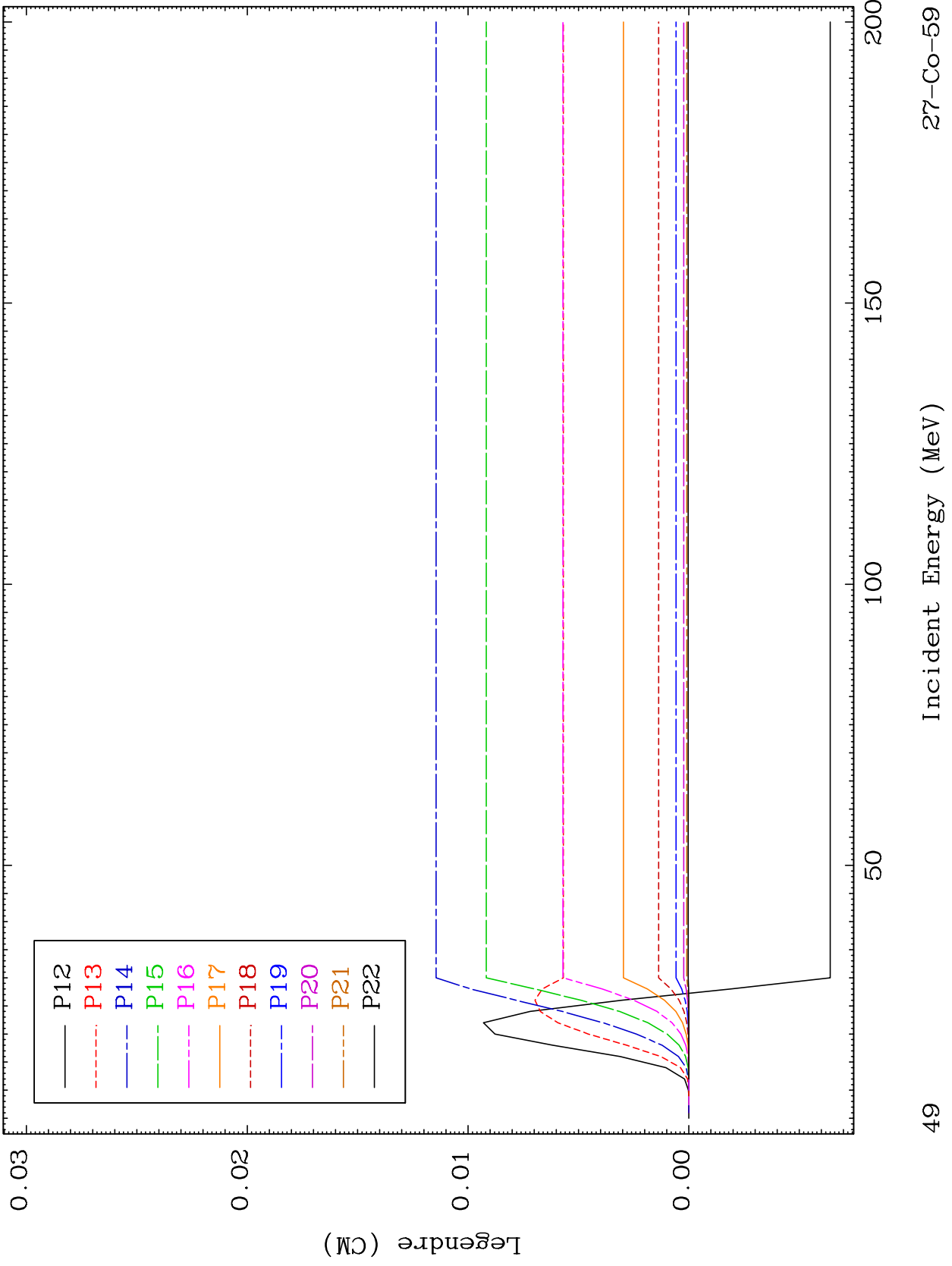
27-Co-59



MAT 2725

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

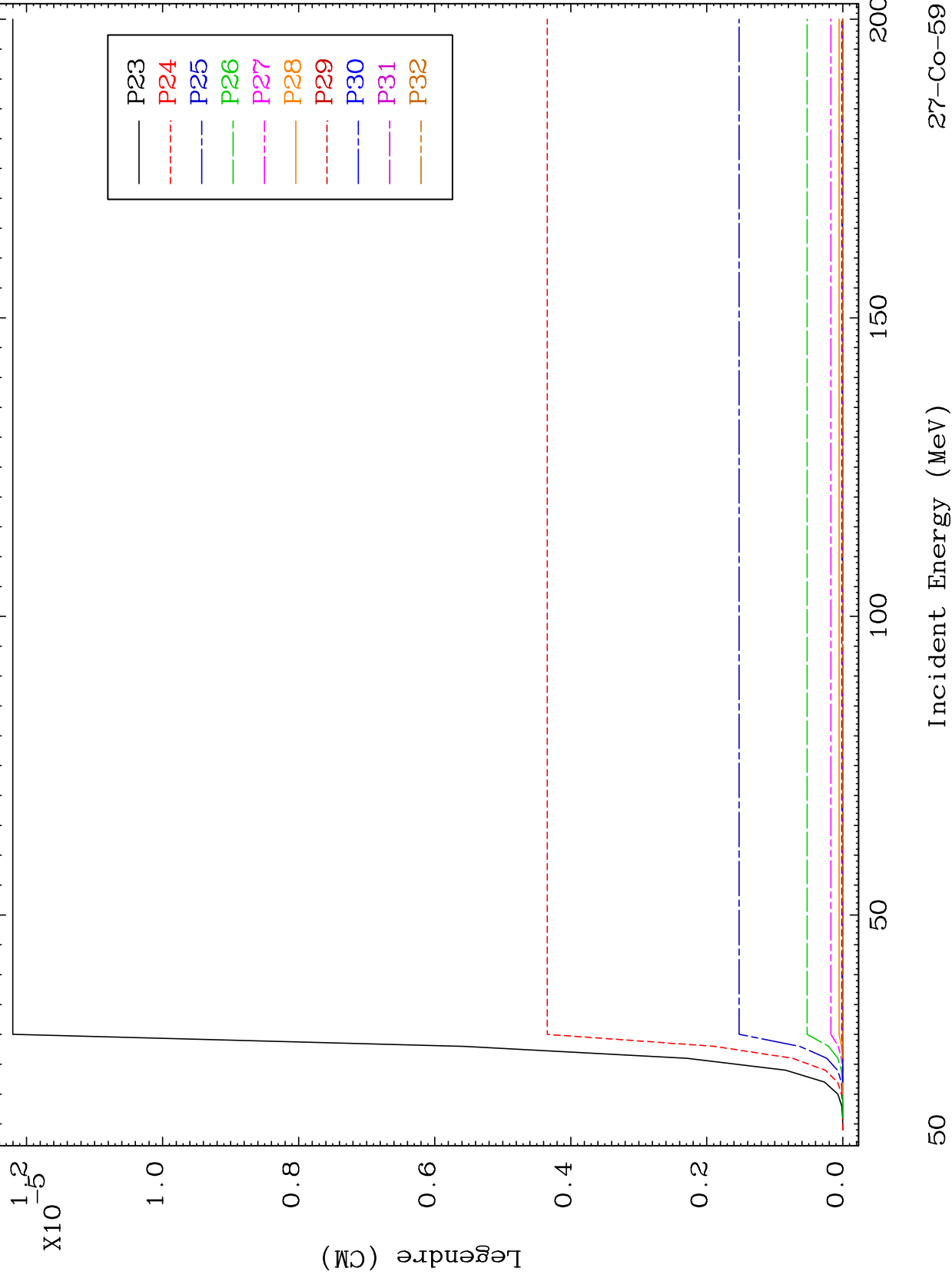
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MAT 2725

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

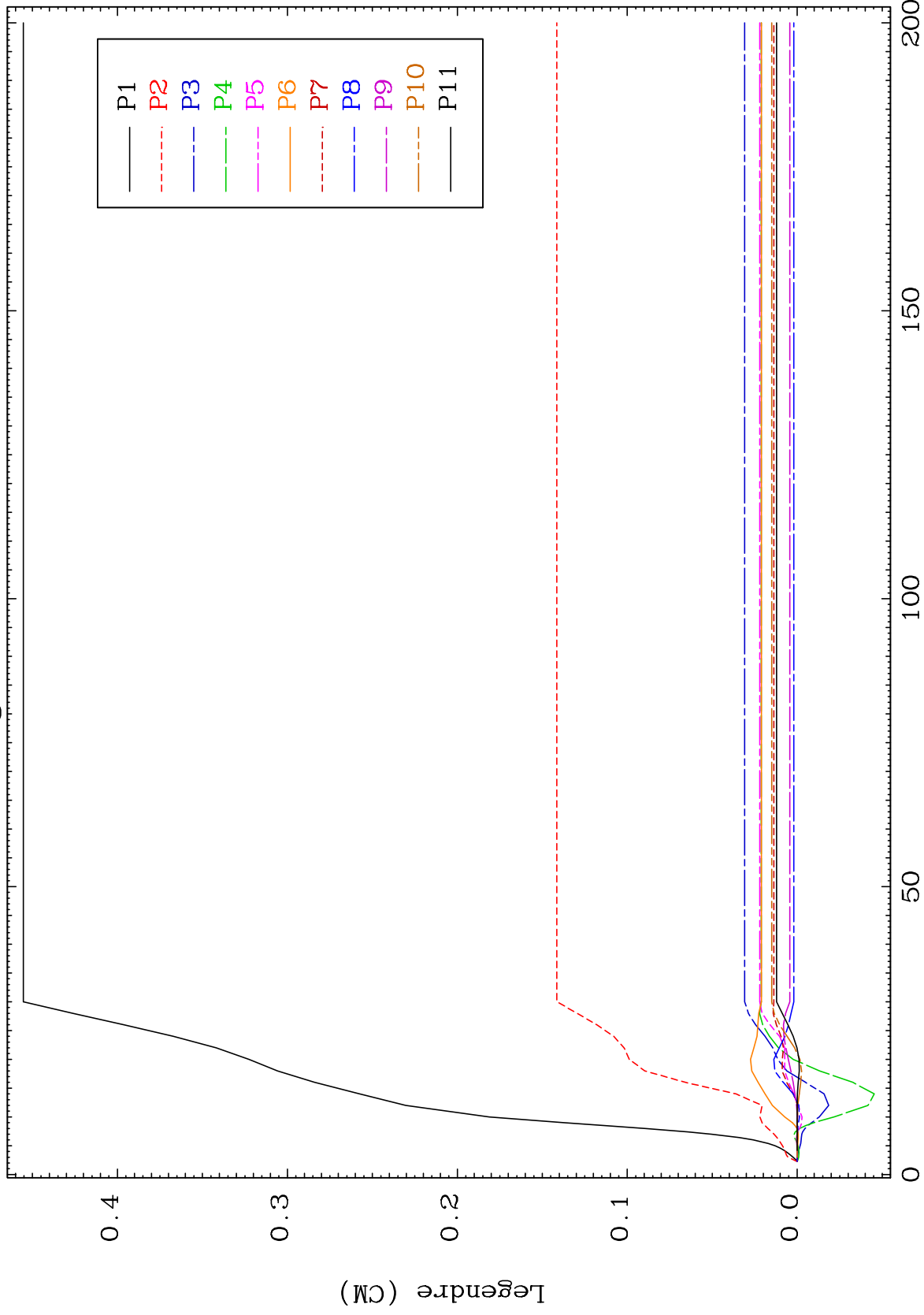
27-Co-59



MAT 2725

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

27-Co-59



51

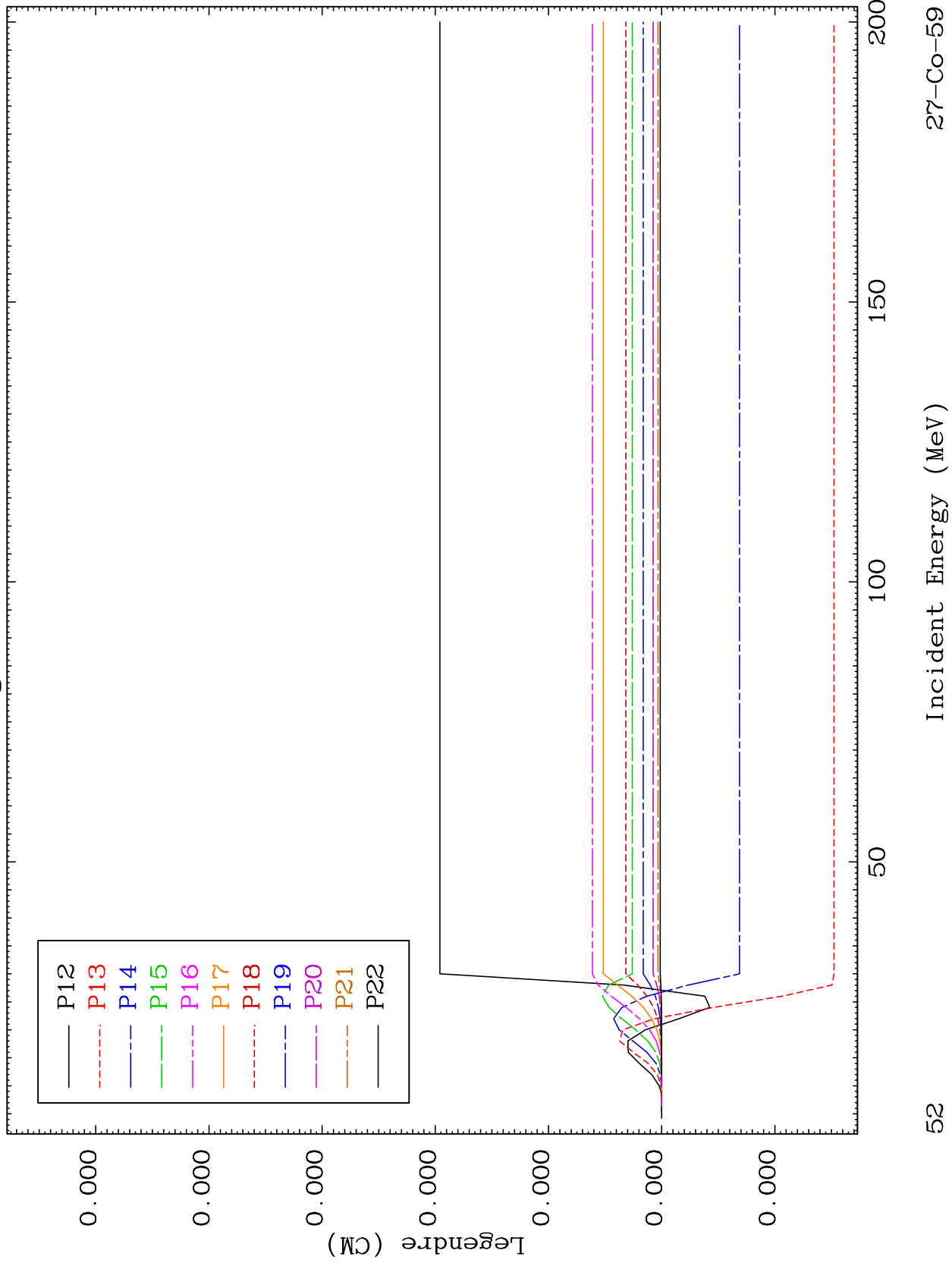
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



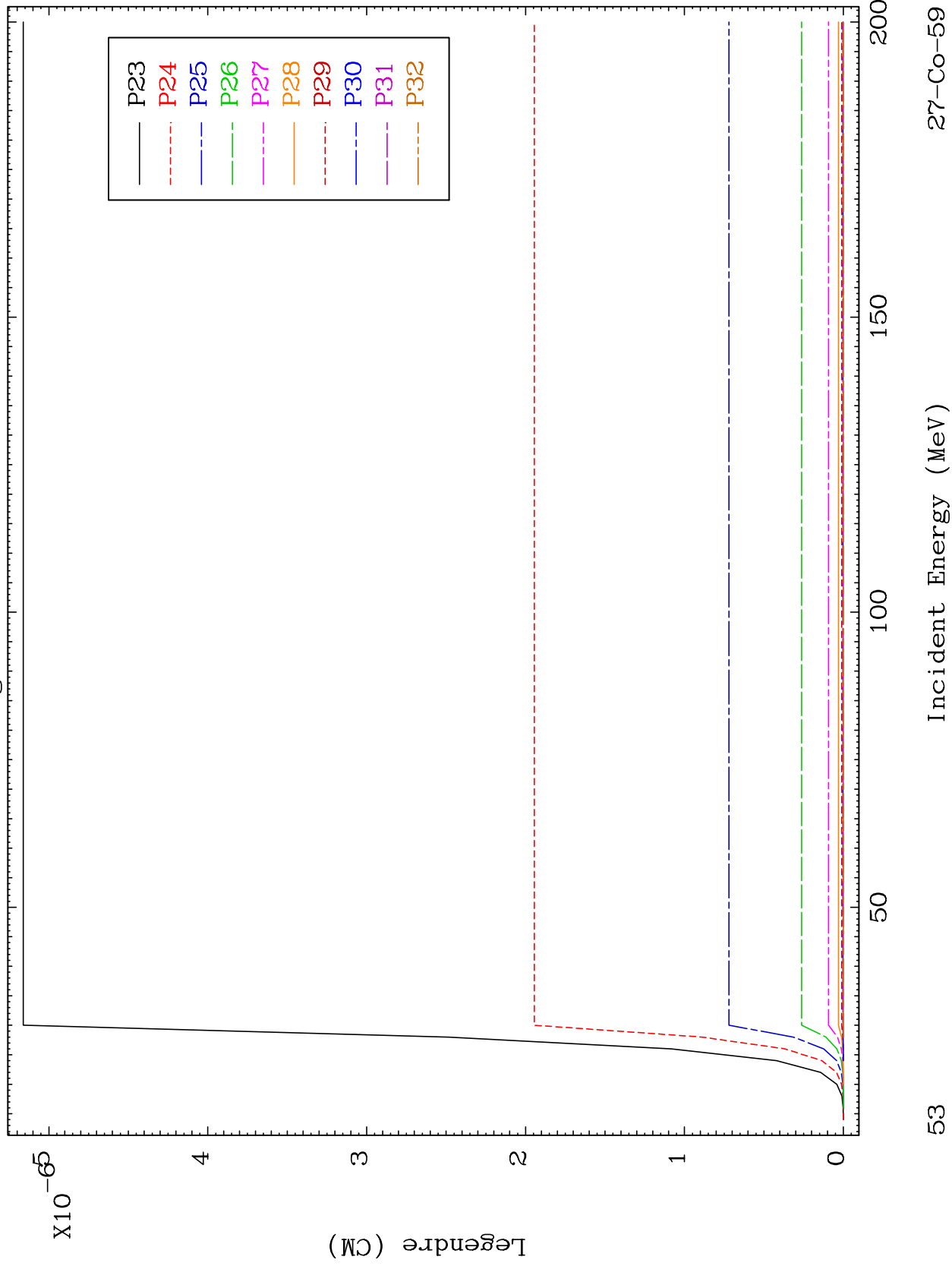
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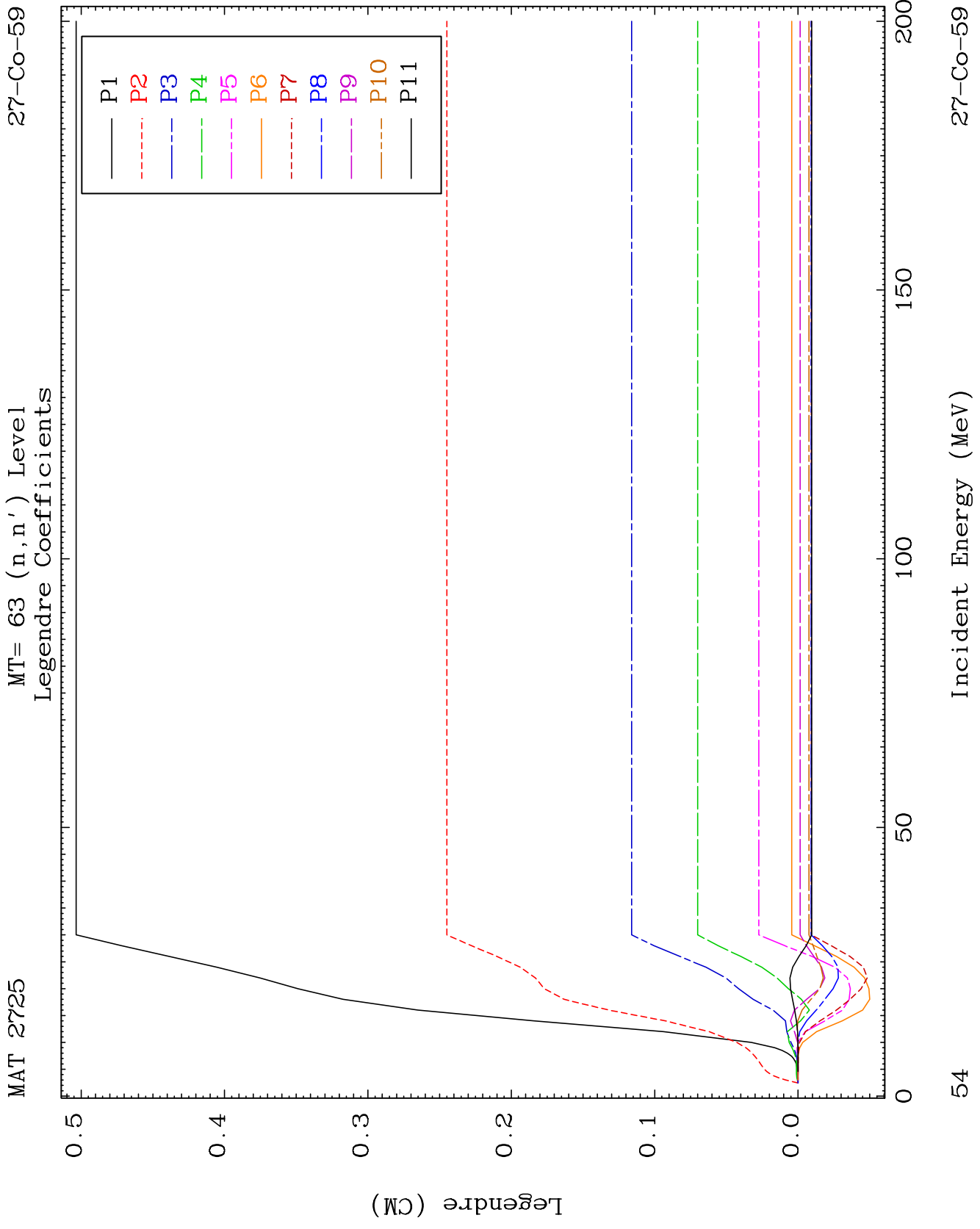
27-Co-59

MAT 2725

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

27-Co-59

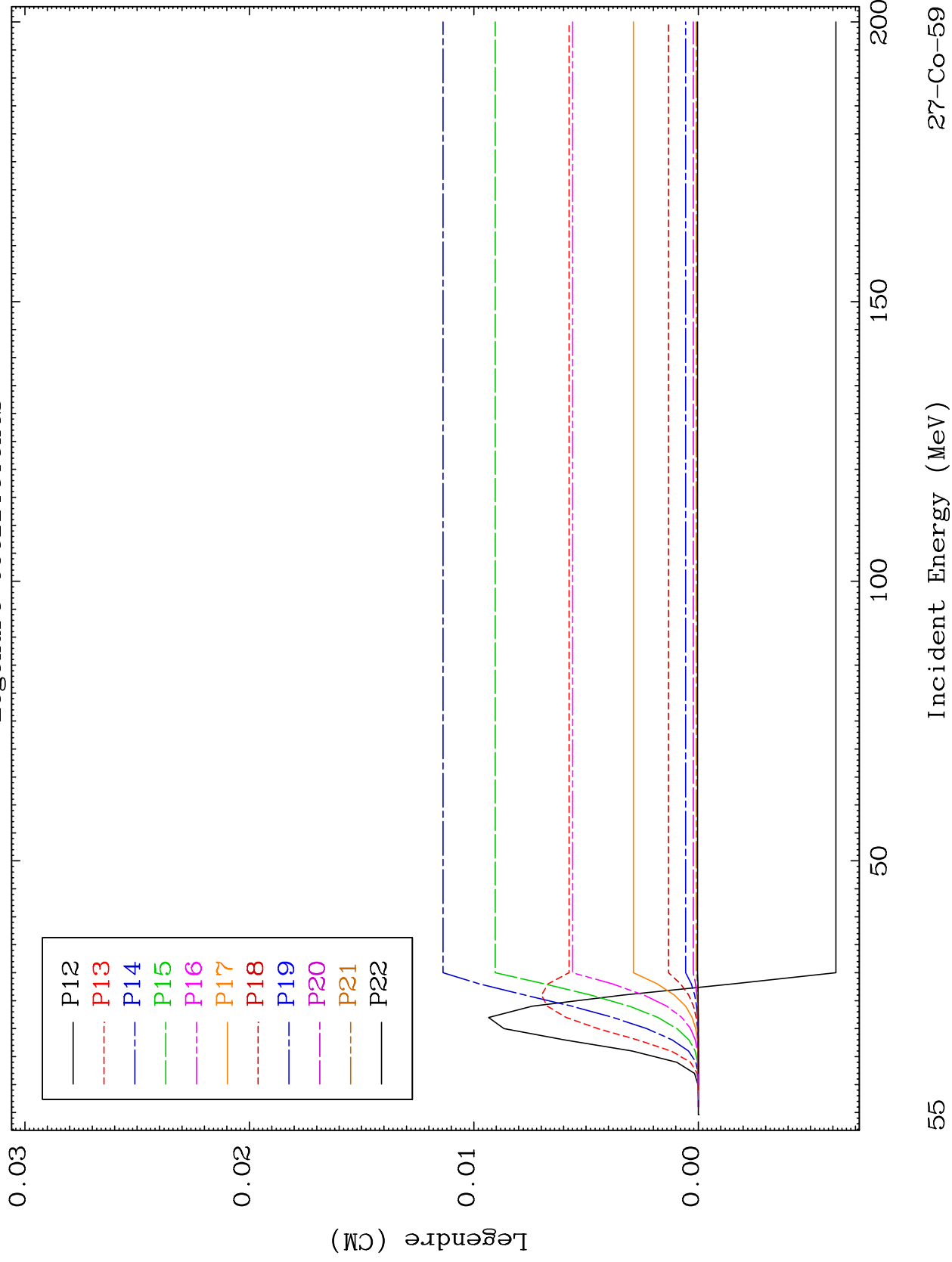




MAT 2725

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

27-Co-59



55

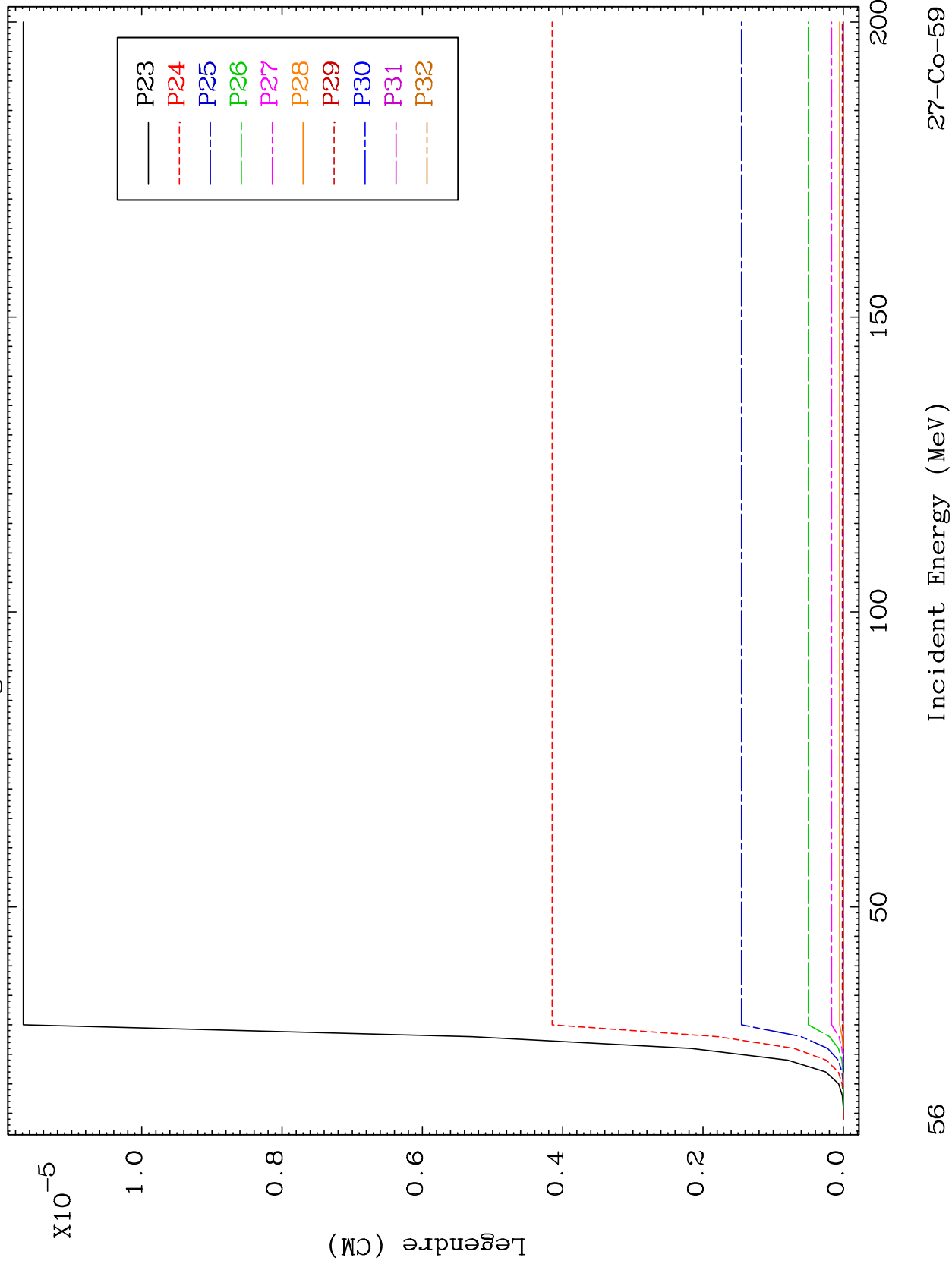
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



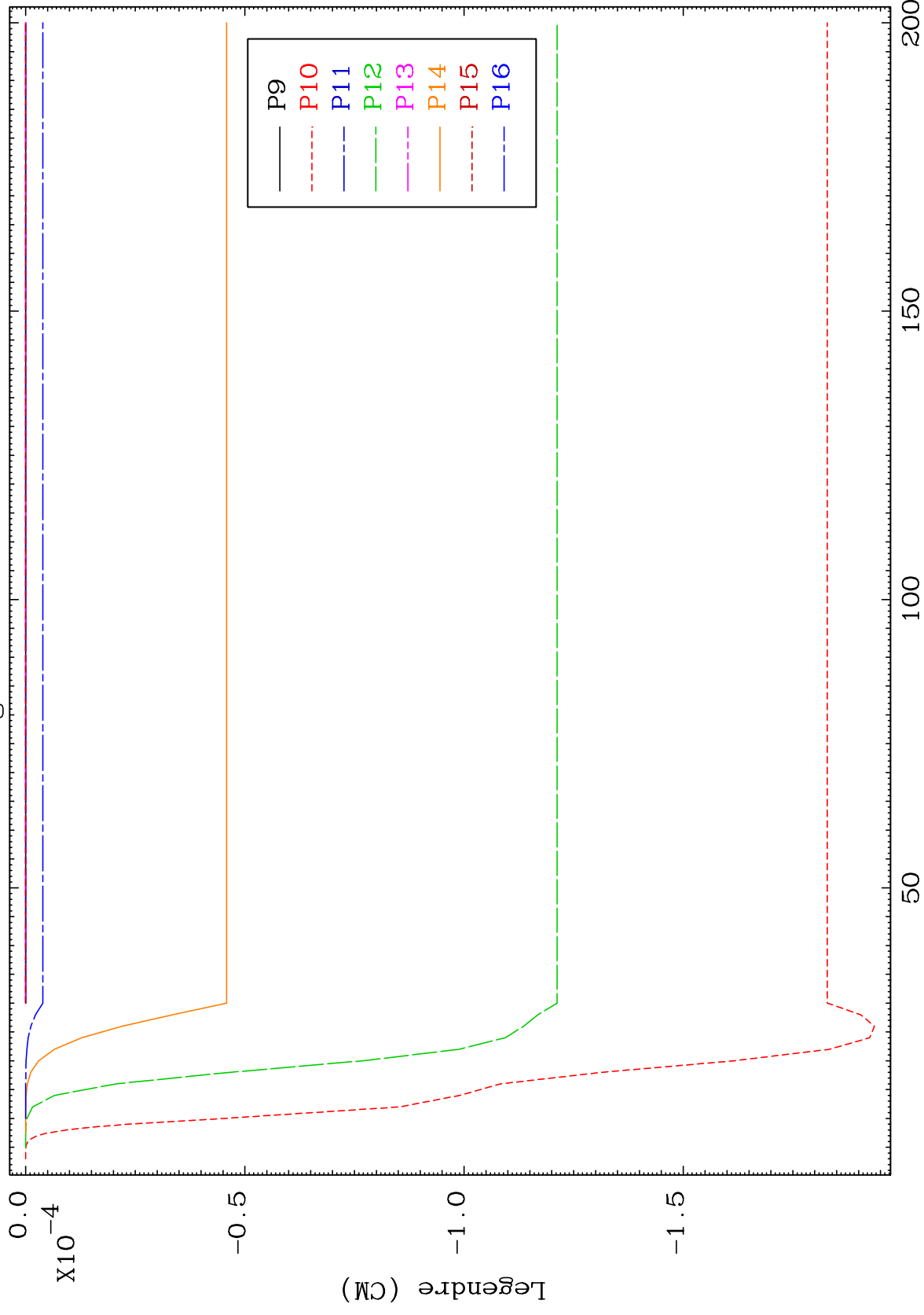
56

200

MAT 2725

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

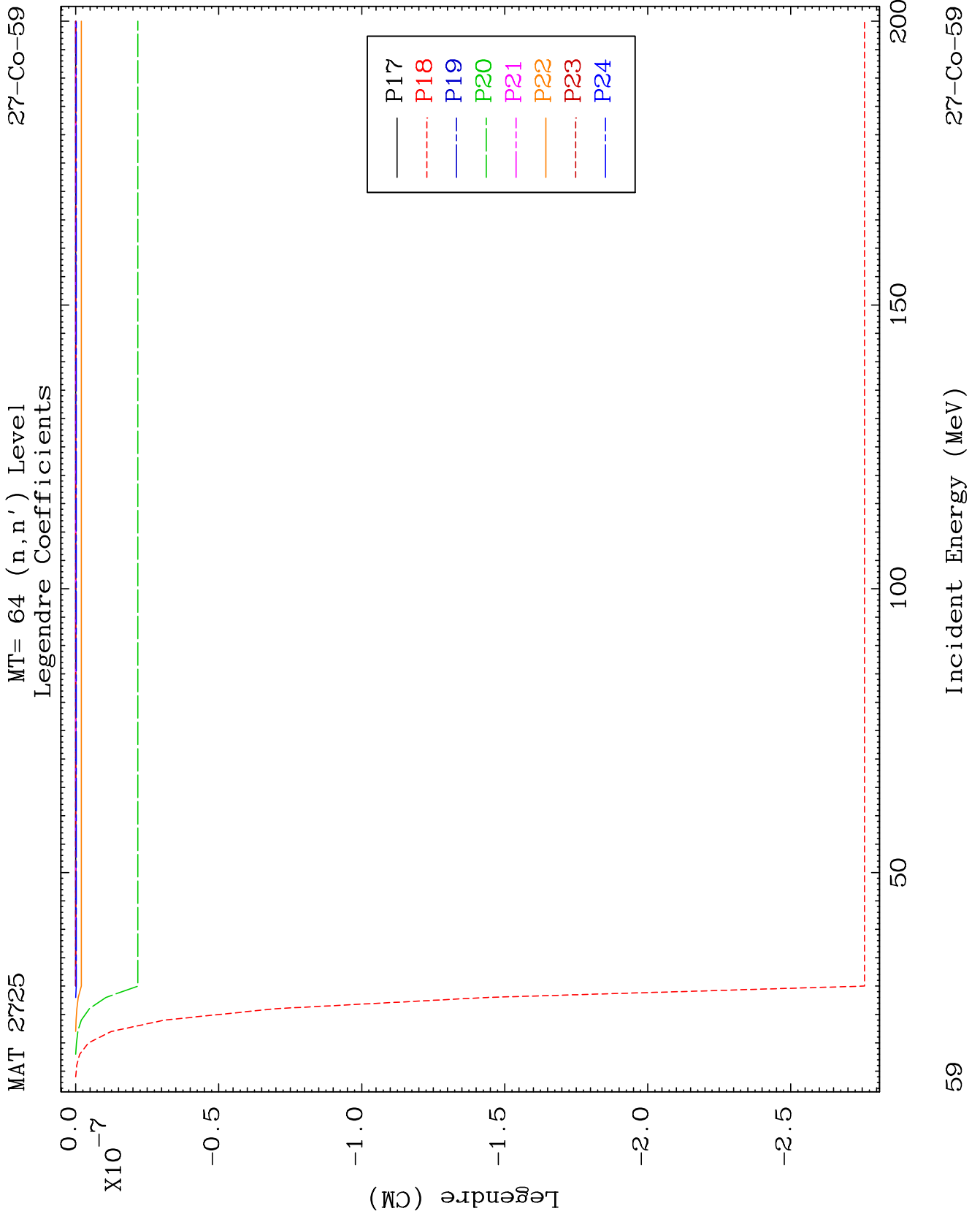
27-Co-59



27-Co-59

Incident Energy (MeV)

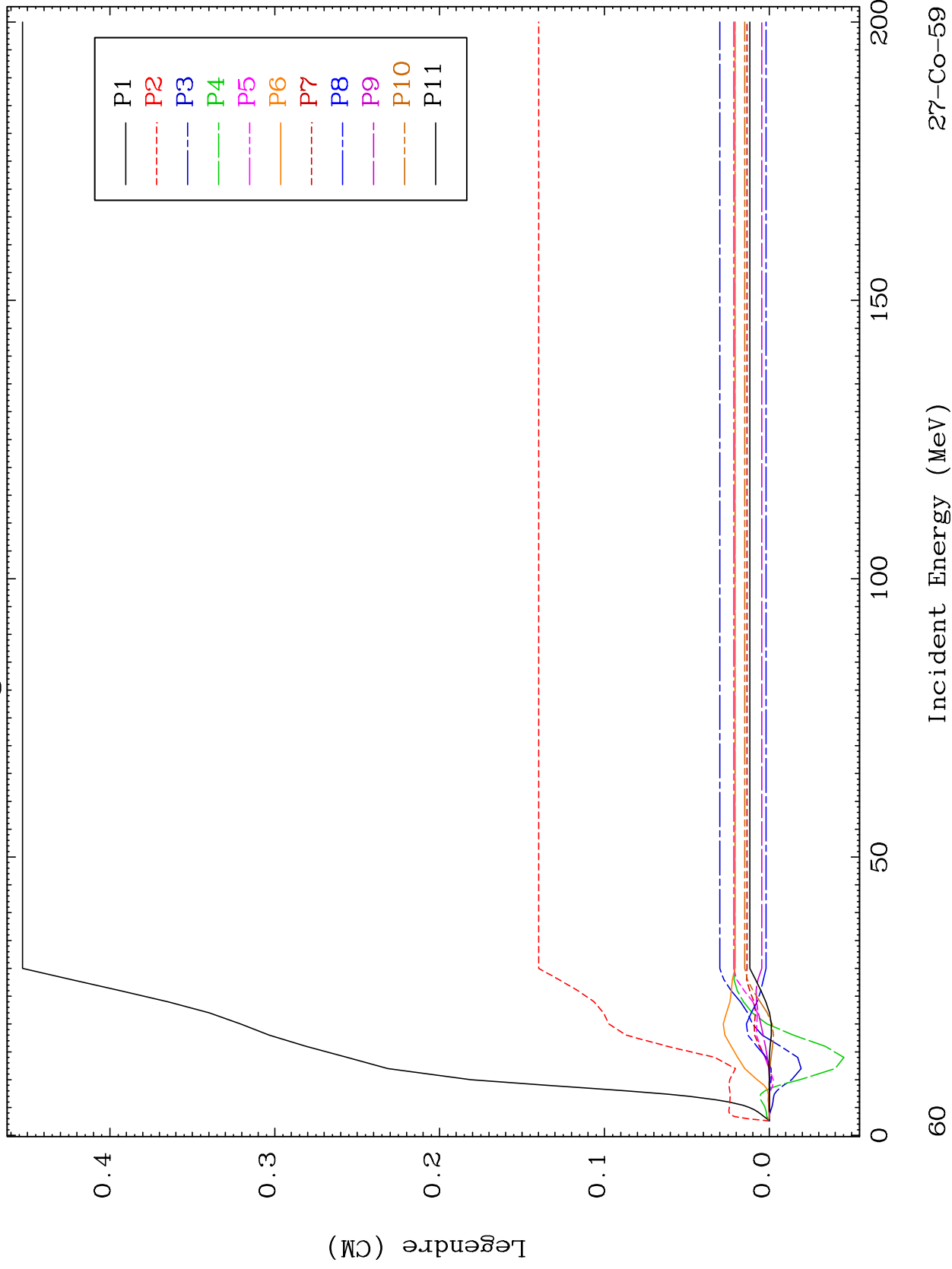
58



MAT 2725

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

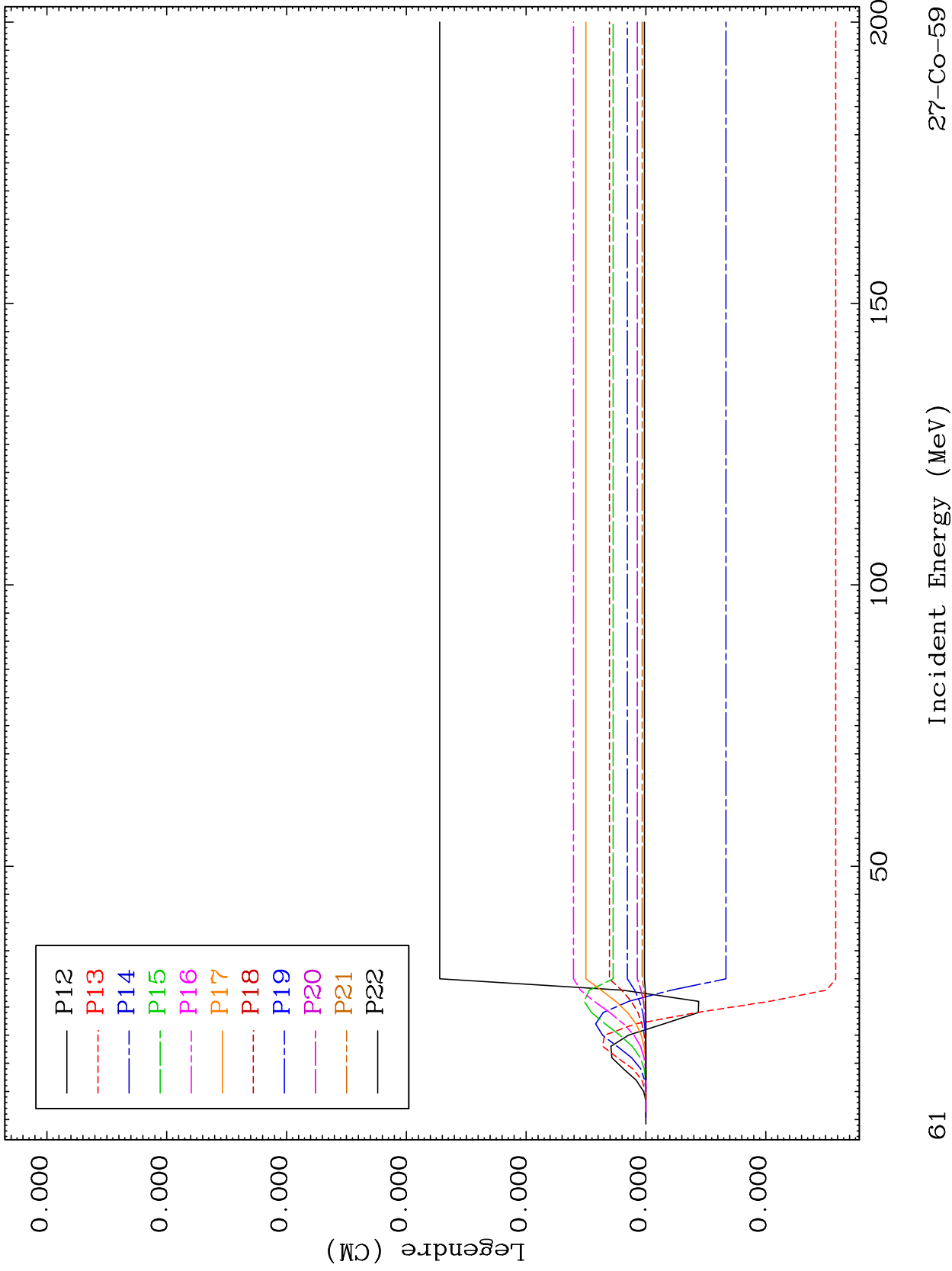
27-Co-59



MAT 2725

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

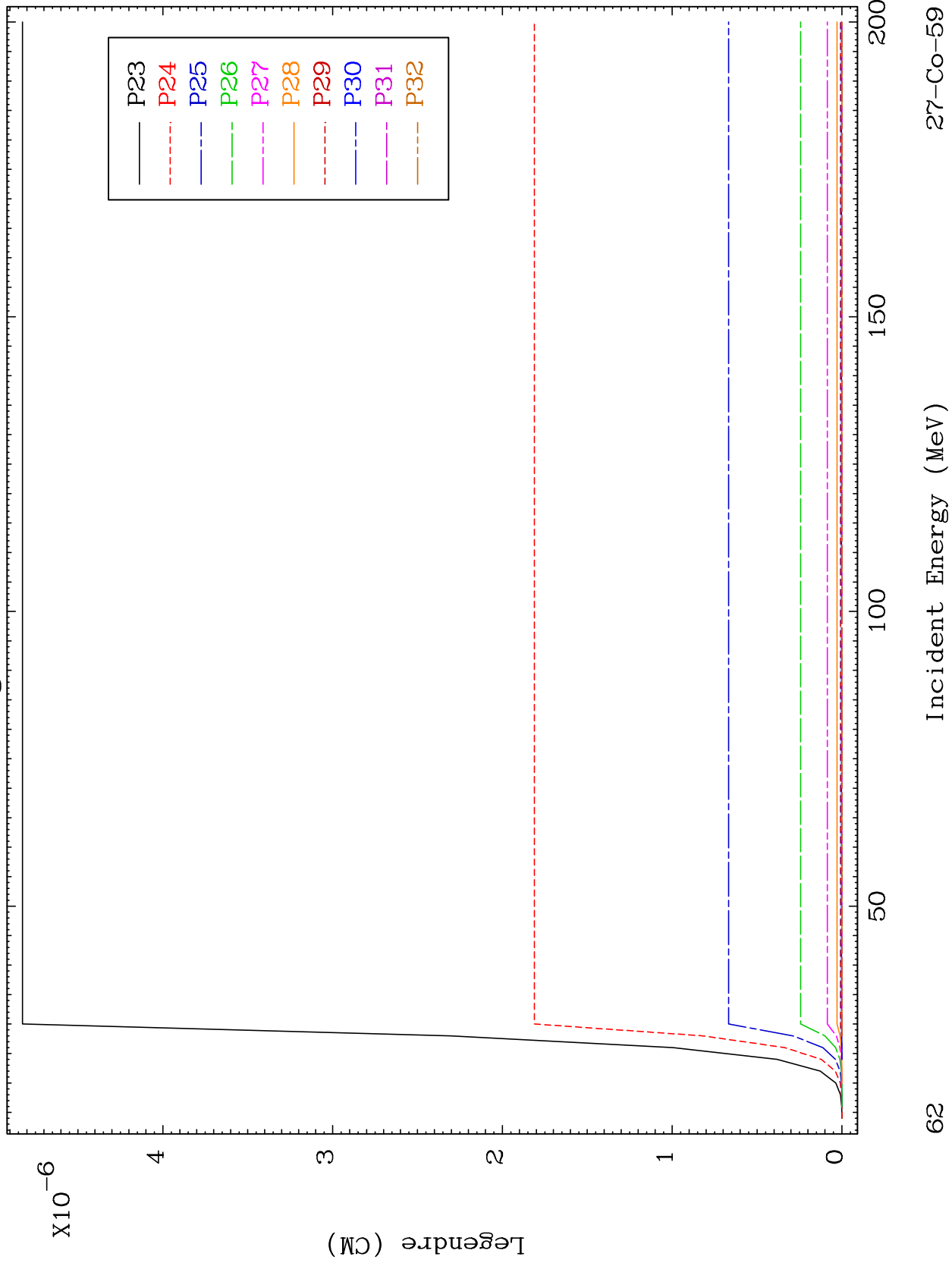
27-Co-59



MAT 2725

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

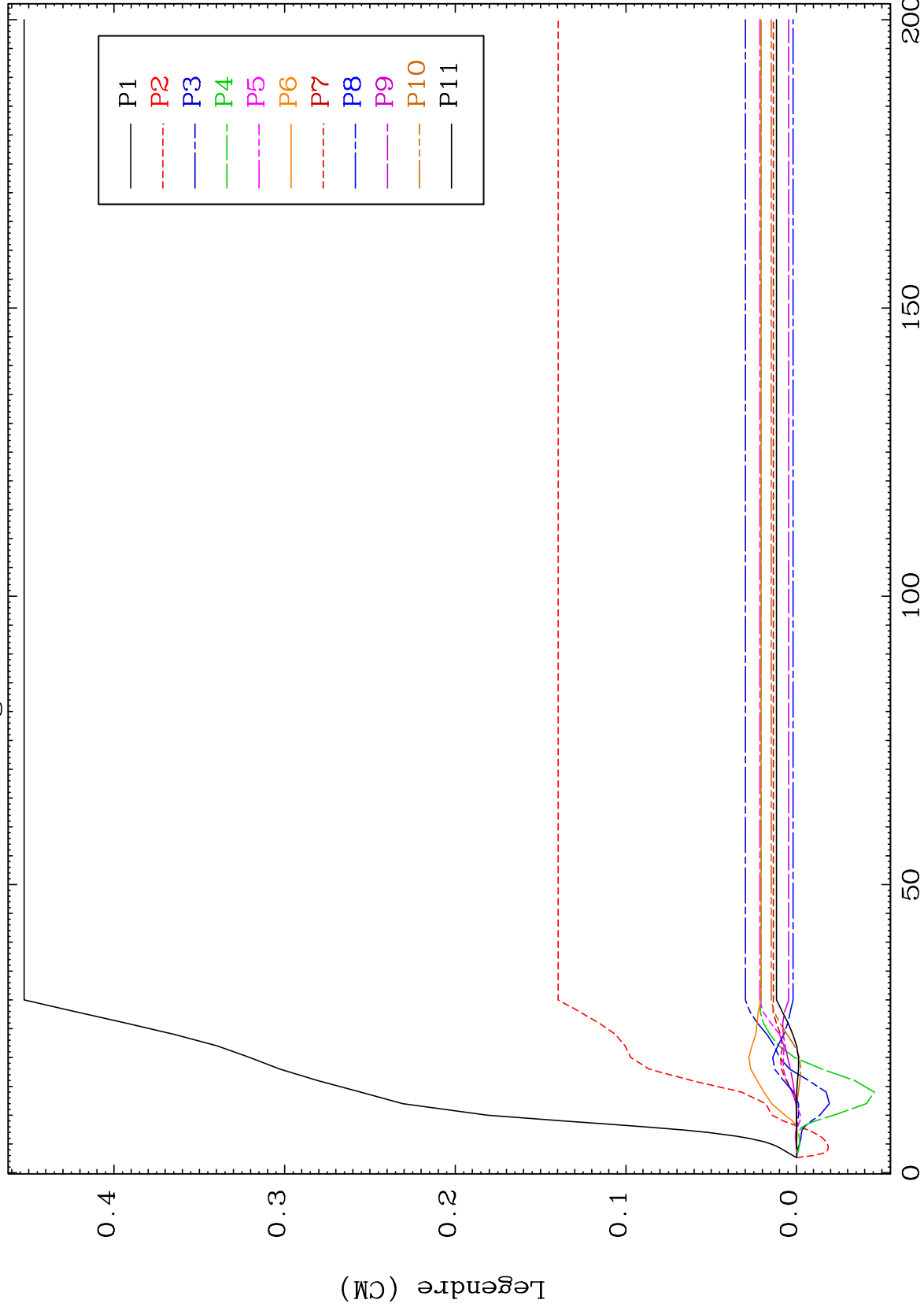
27-Co-59



MAT 2725

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

27-Co-59



27-Co-59

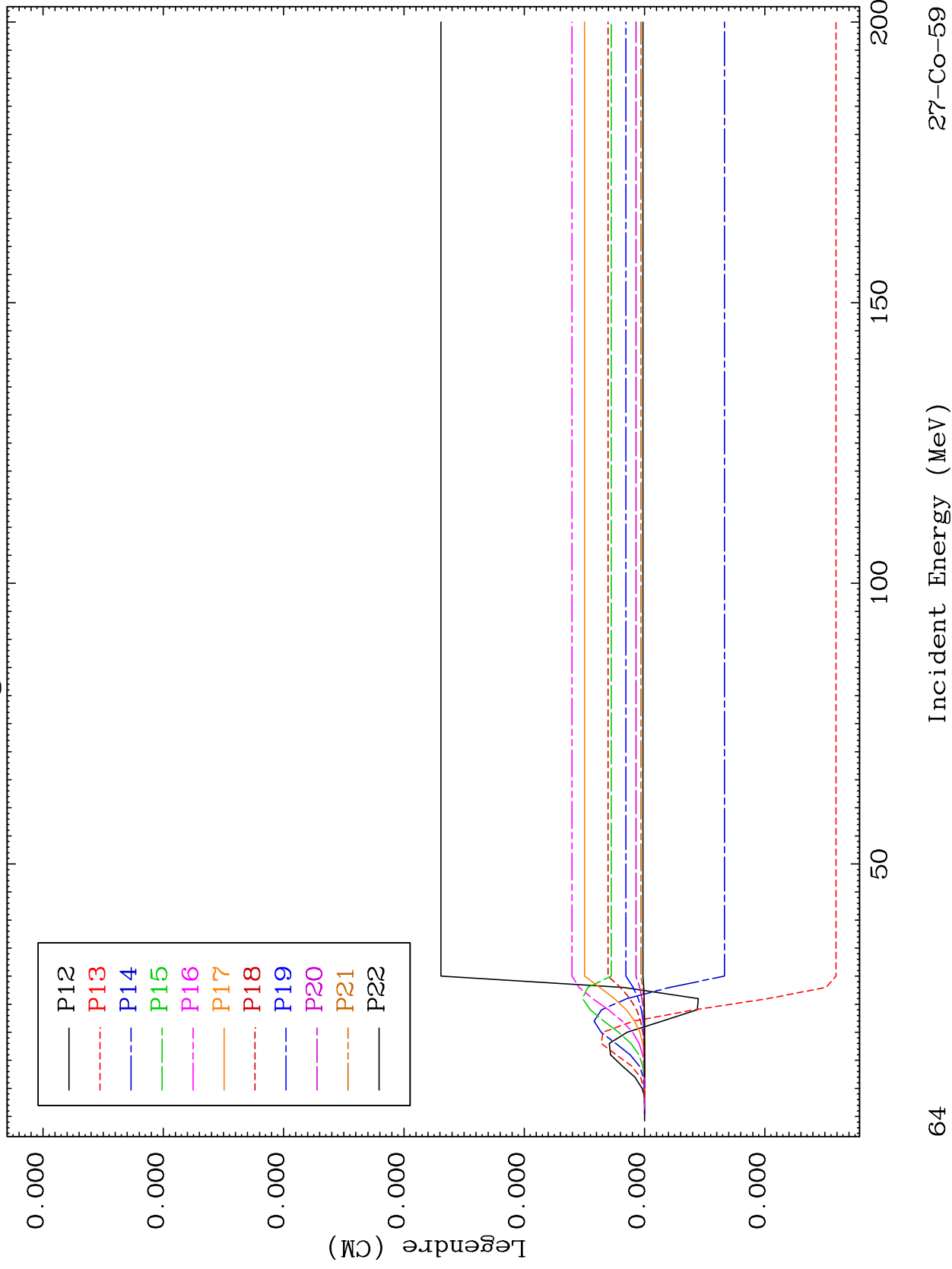
Incident Energy (MeV)

63

MAT 2725

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

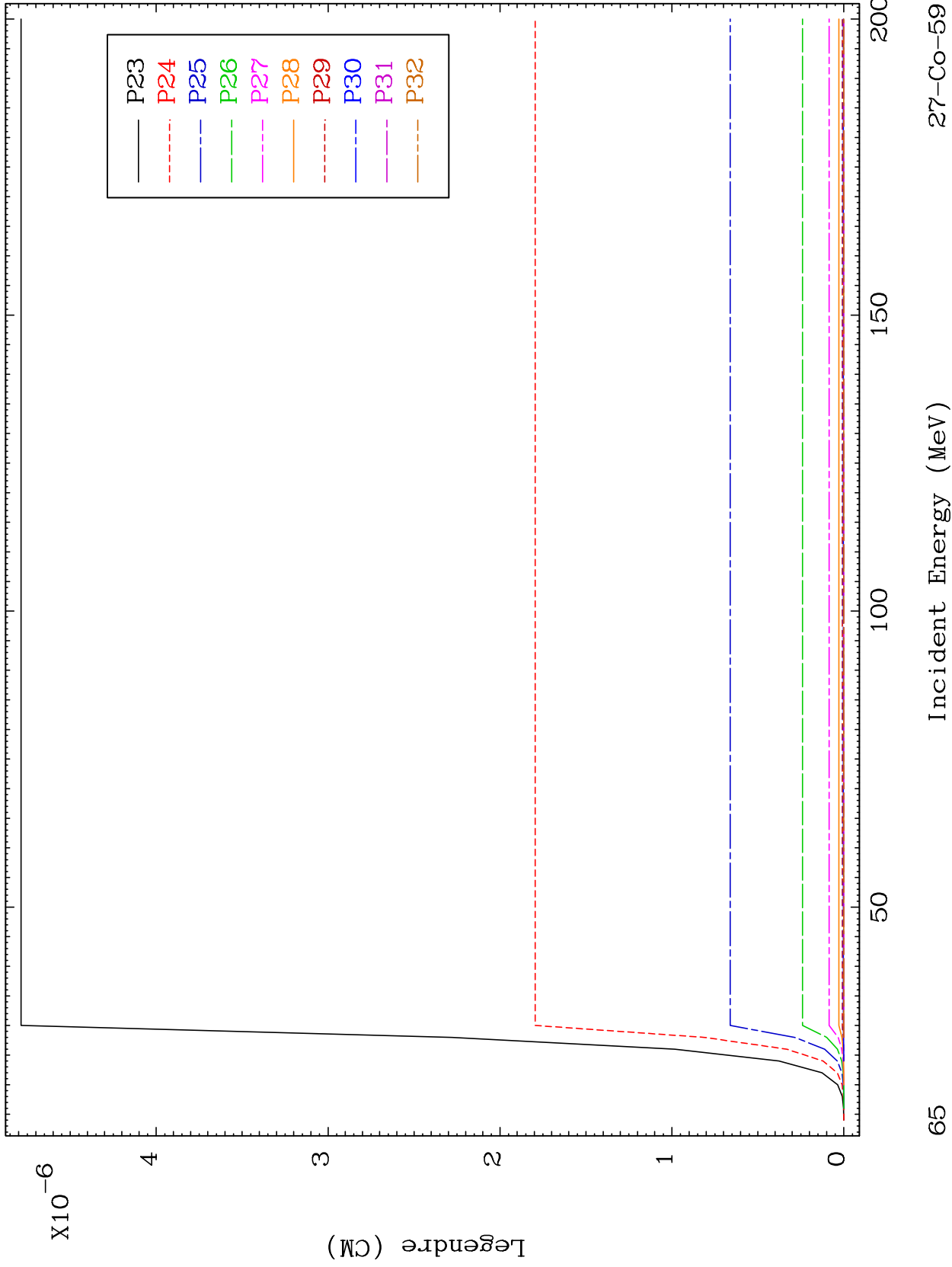
27-Co-59



MAT 2725

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

27-Co-59



65

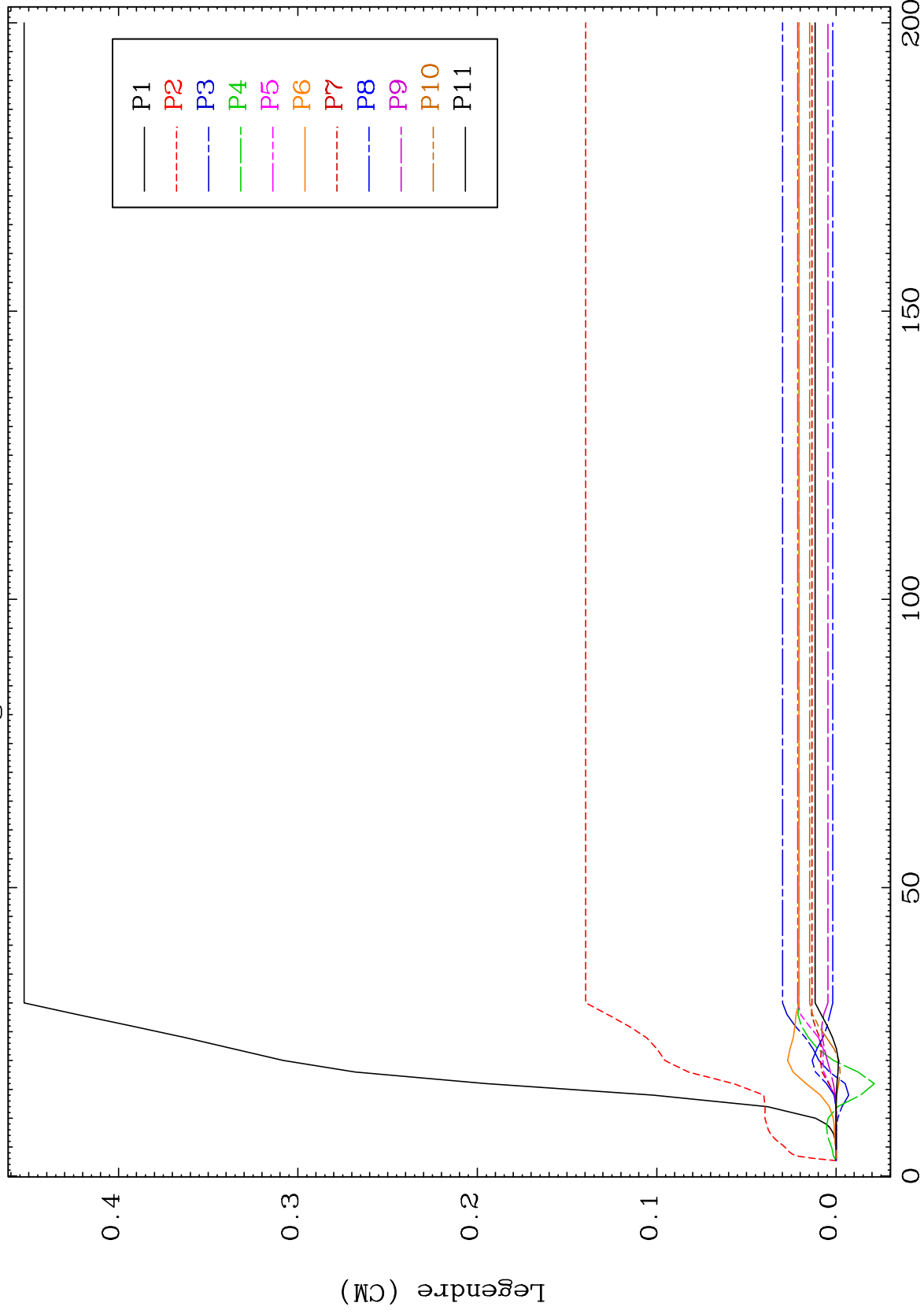
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



66

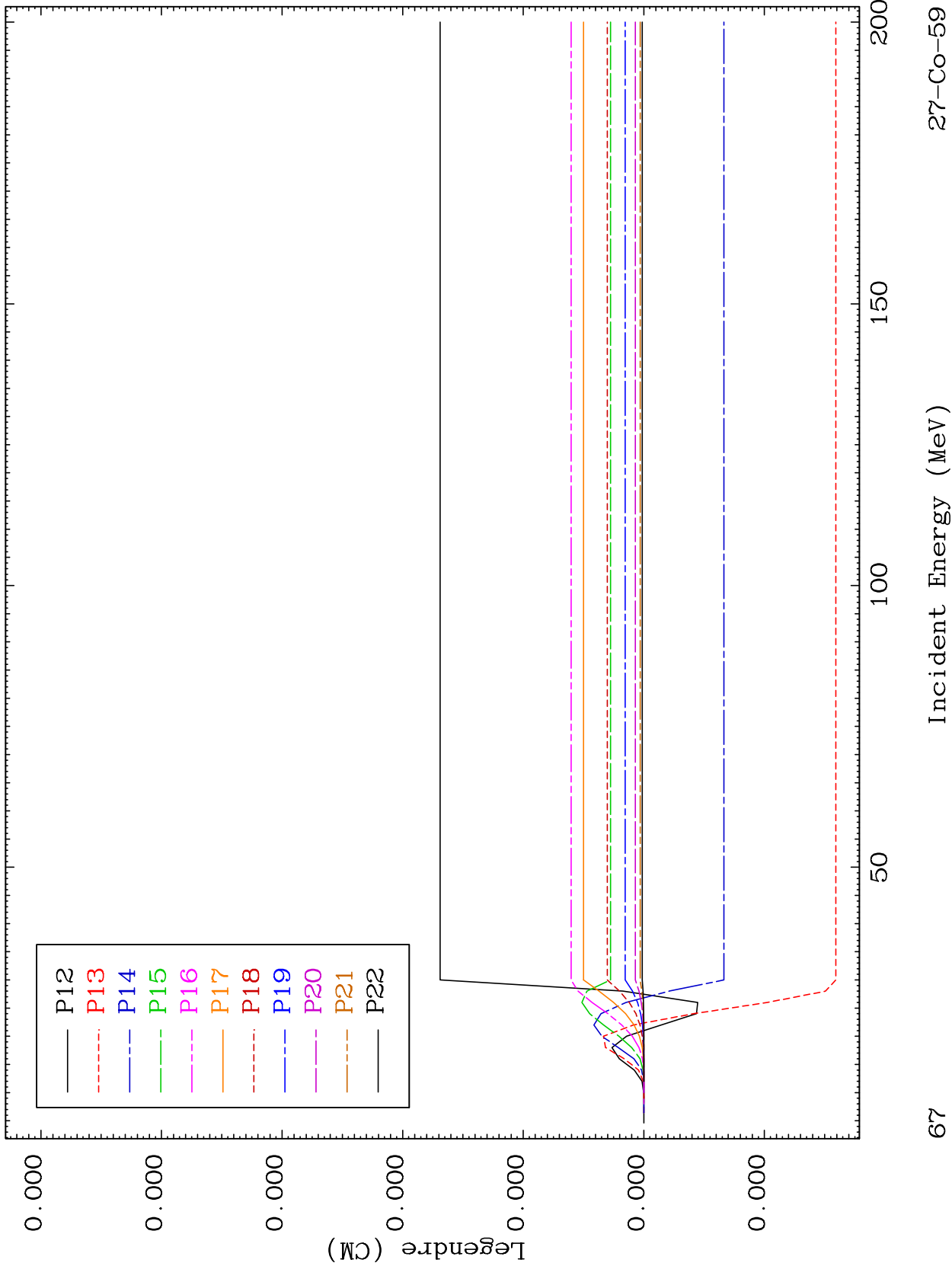
Incident Energy (MeV)

27-Co-59

MAT 2725

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

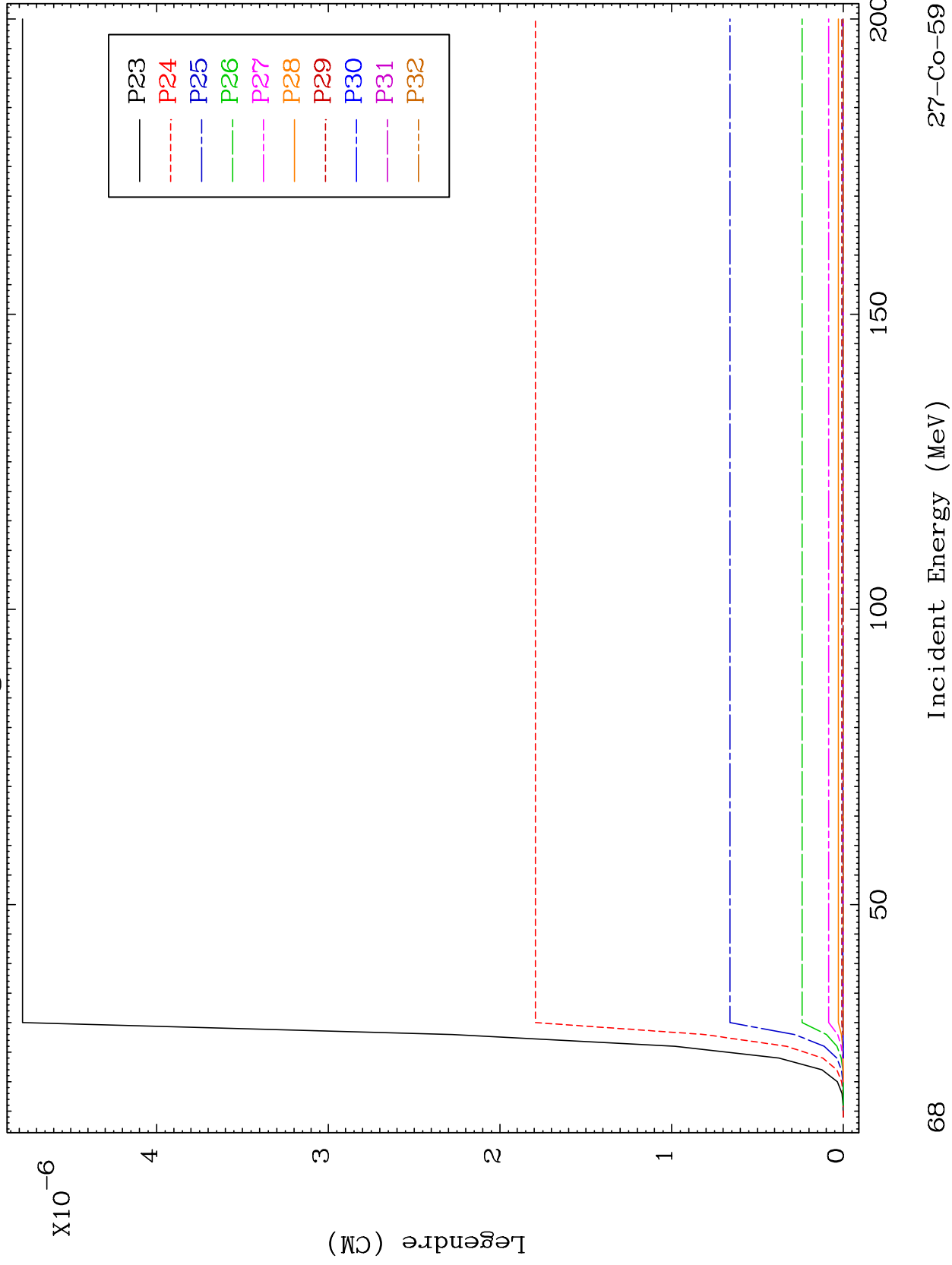
27-Co-59



MAT 2725

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

27-Co-59



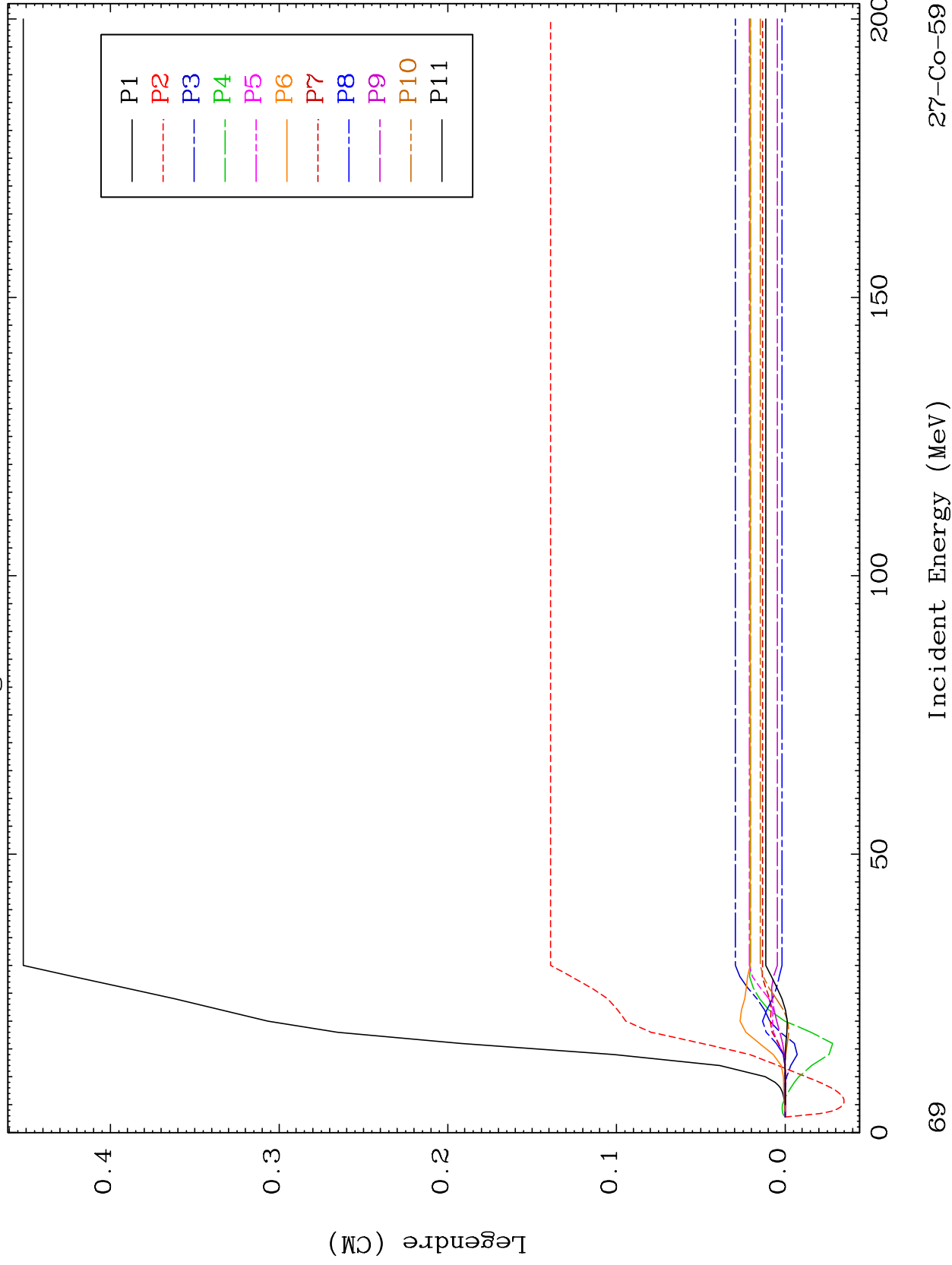
68

27-Co-59

MAT 2725

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

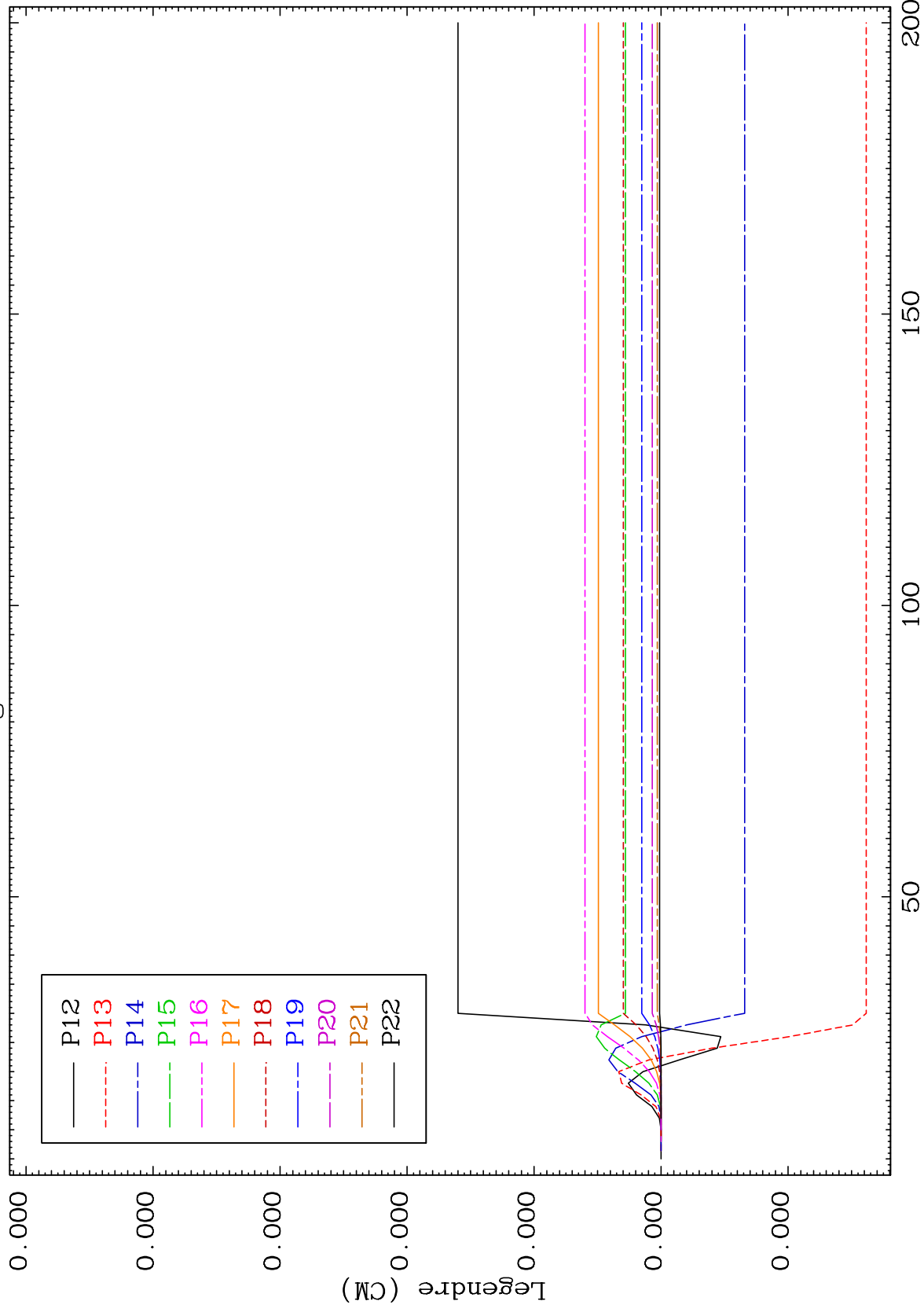
27-Co-59



MAT 2725

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

27-Co-59



70

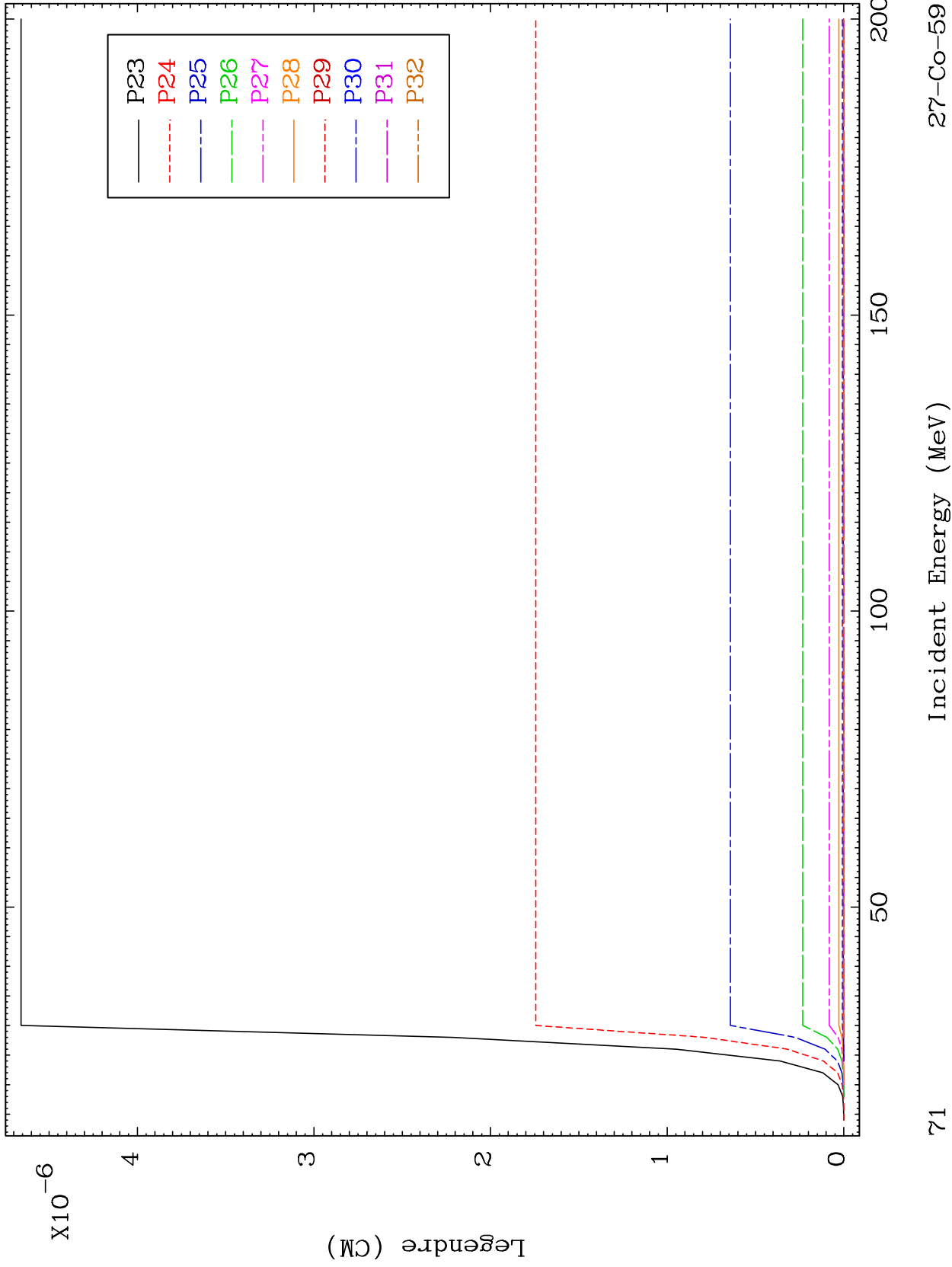
Incident Energy (MeV)

27-Co-59

MAT 2725

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

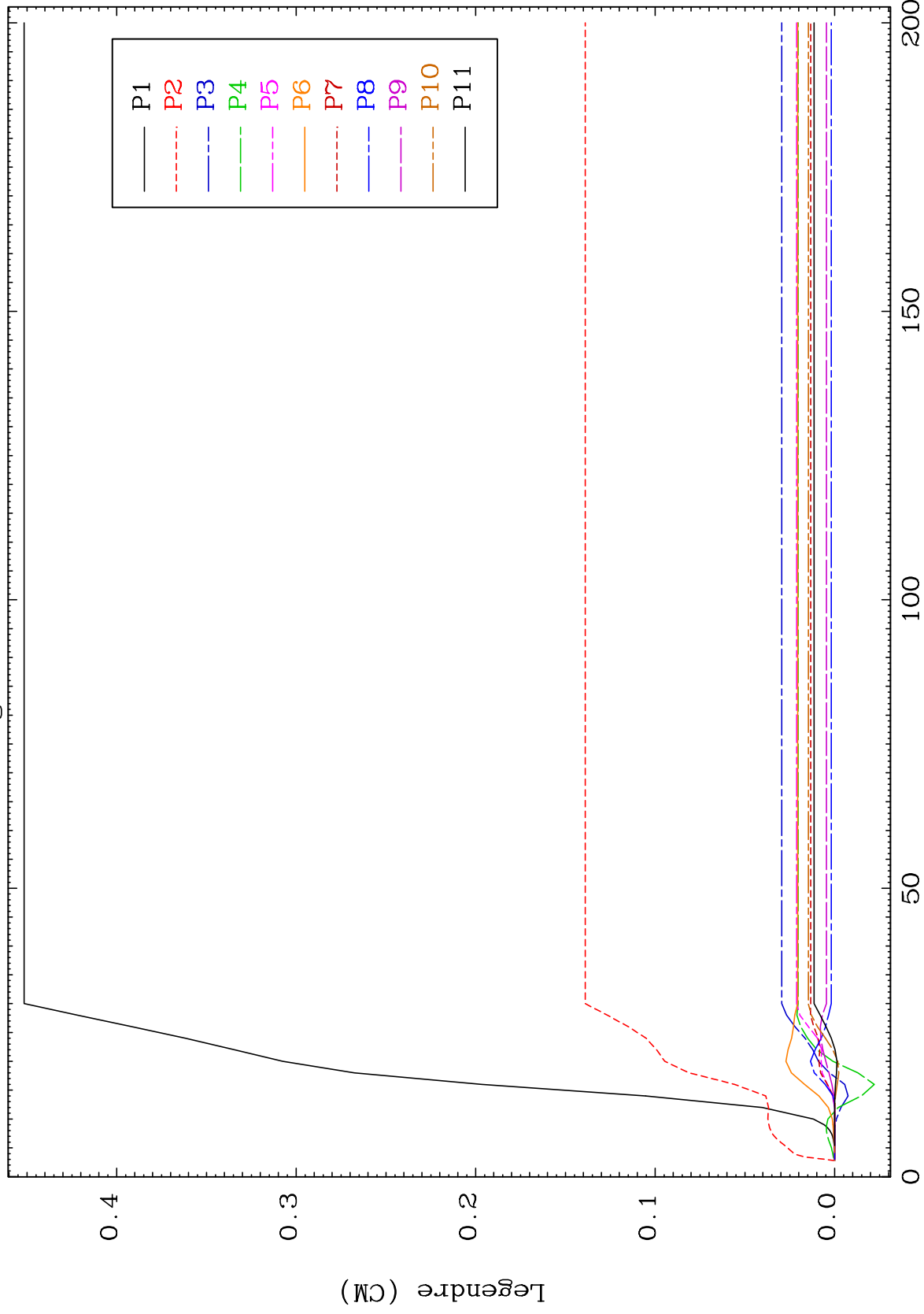
27-Co-59



MAT 2725

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

27-Co-59



72

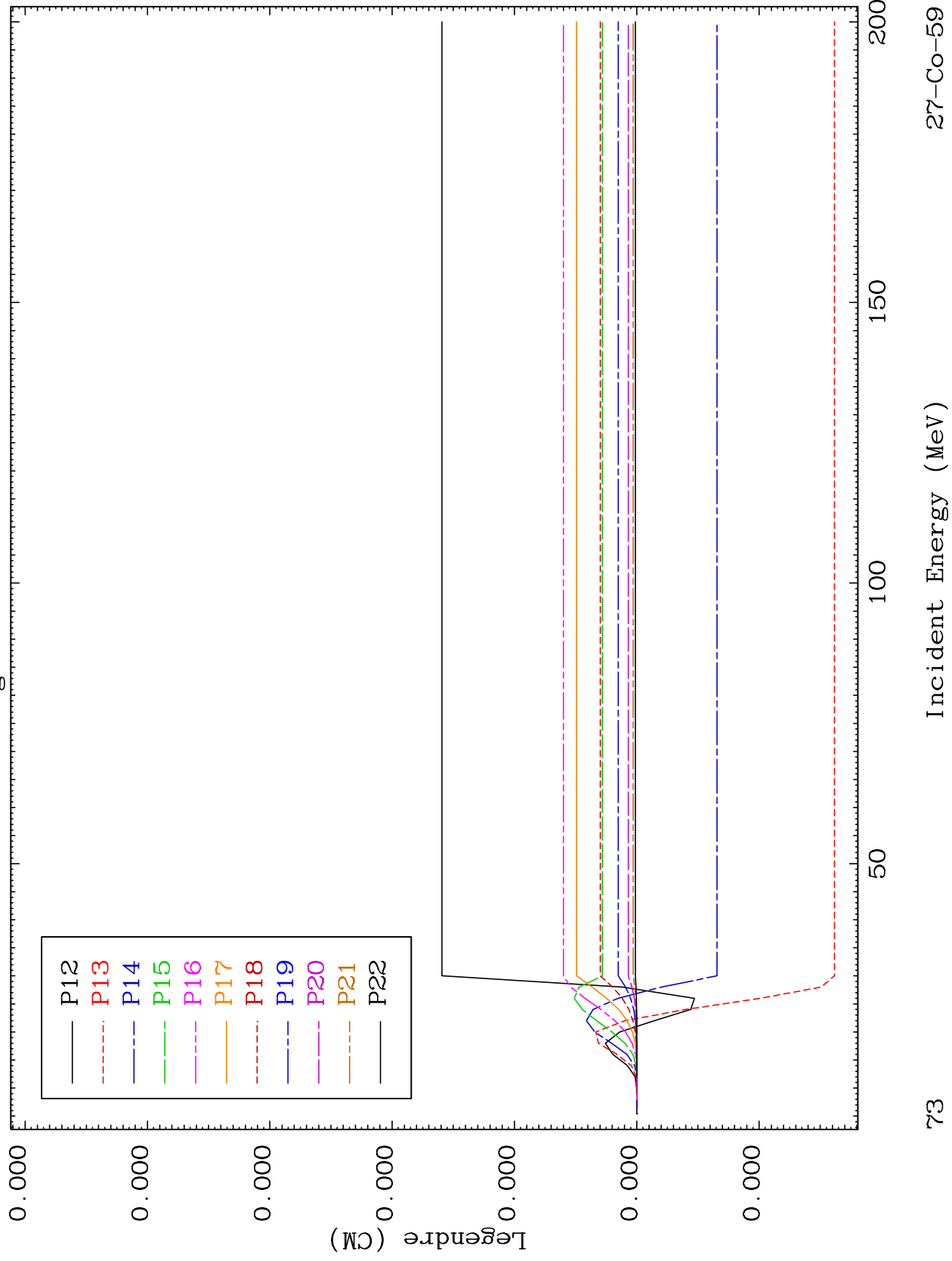
Incident Energy (MeV)

27-Co-59

MAT 2725

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

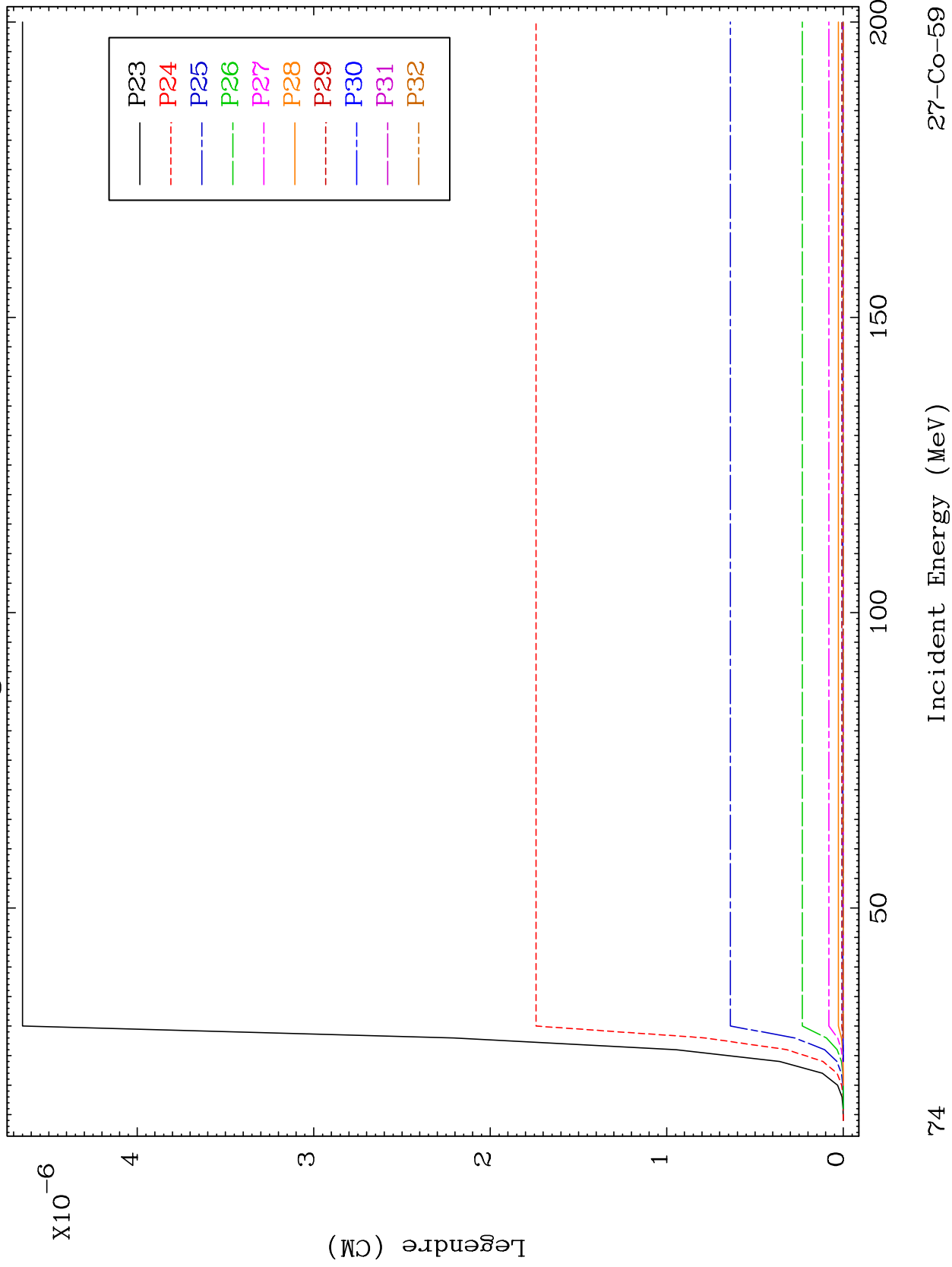
27-Co-59



MAT 2725

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

27-Co-59



74

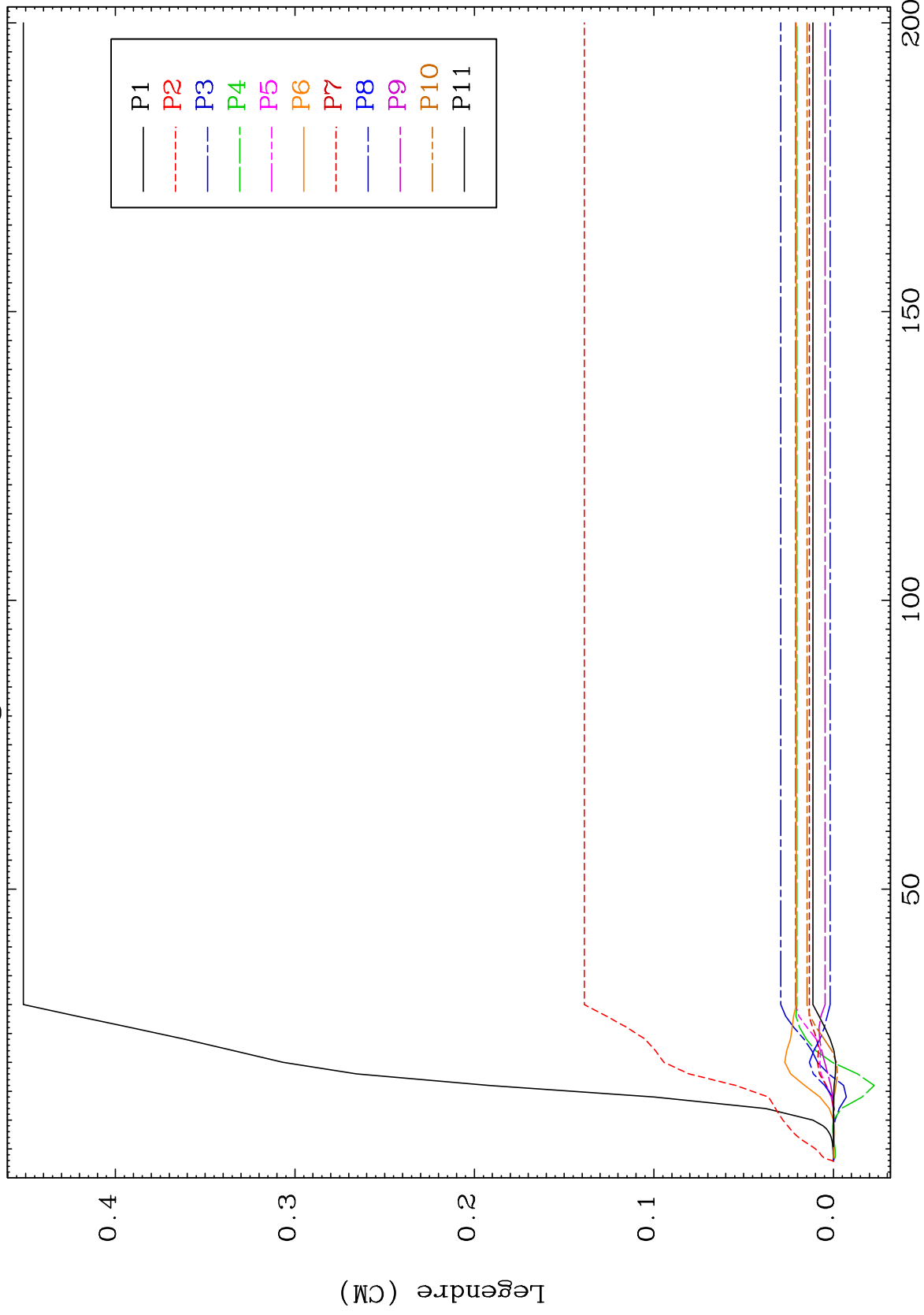
Incident Energy (MeV)

27-Co-59

MAT 2725

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

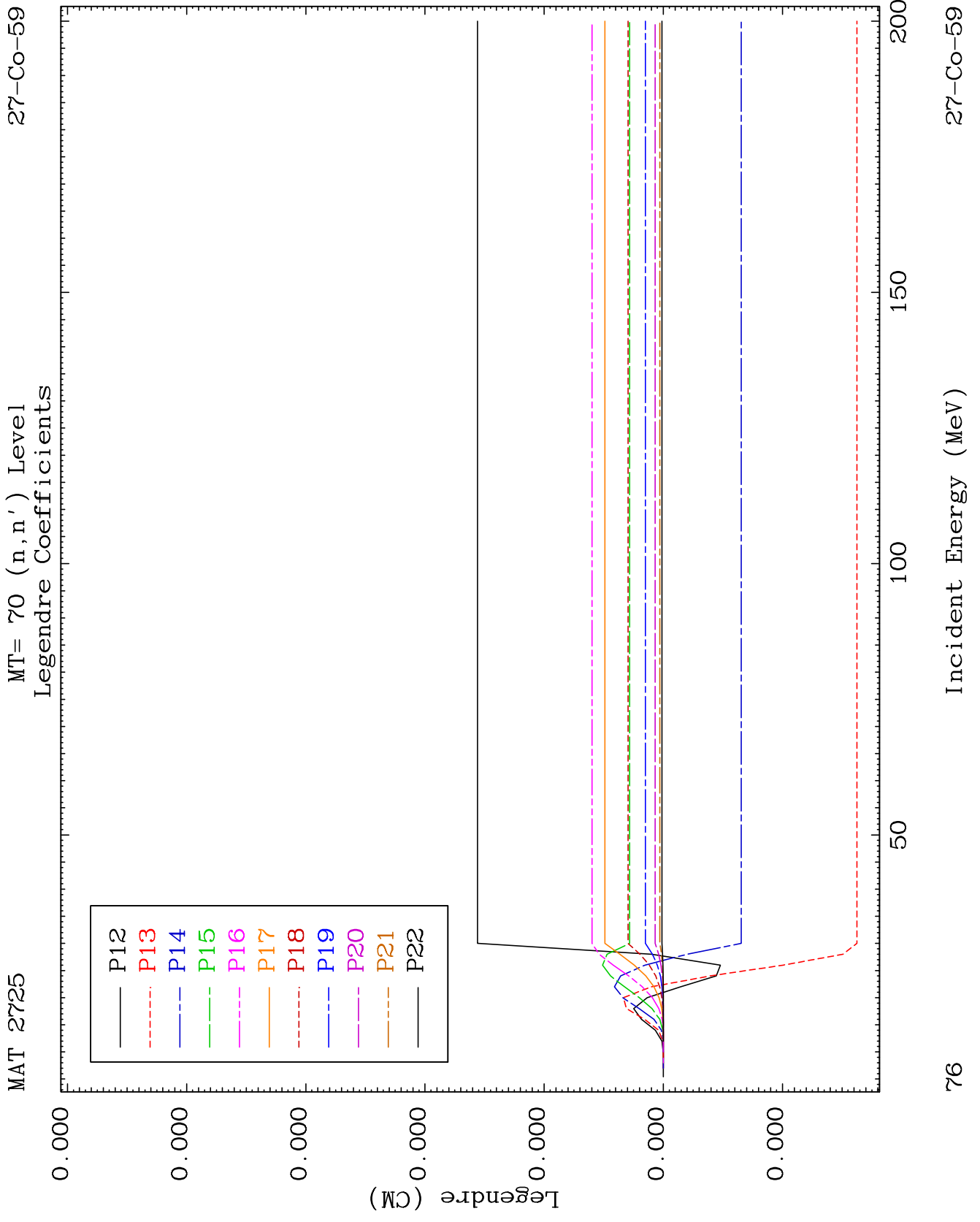
27-Co-59



75

Incident Energy (MeV)

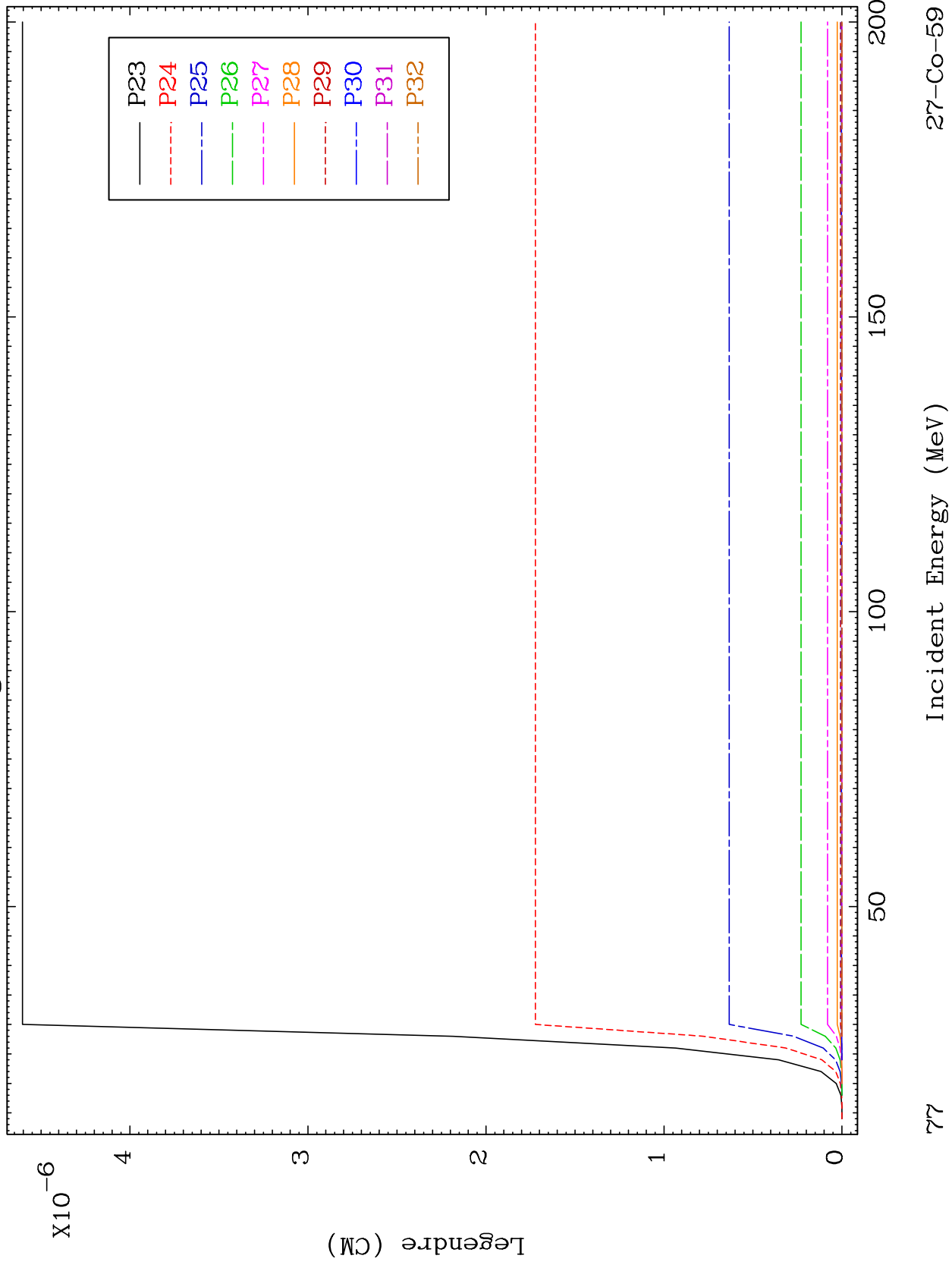
27-Co-59

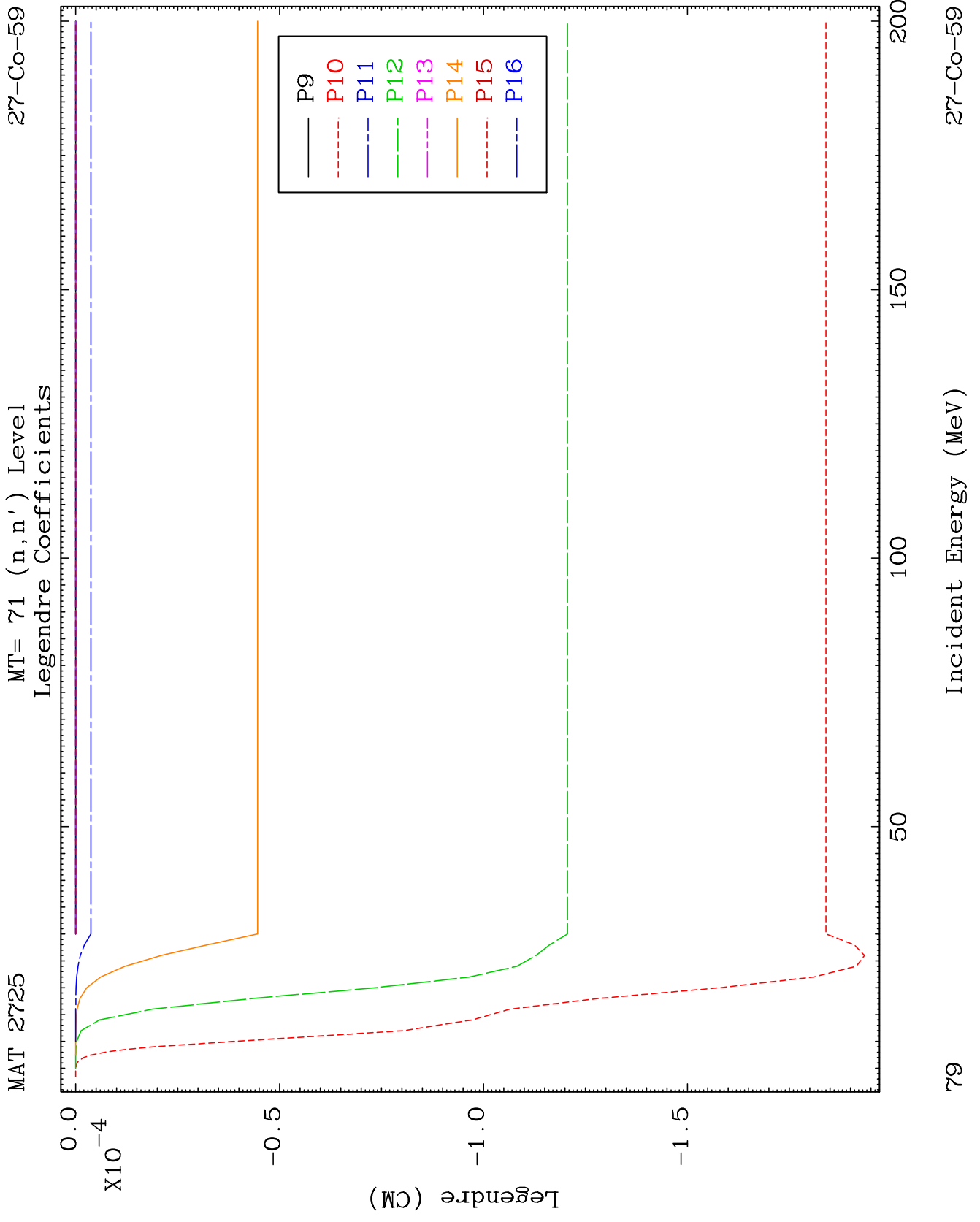


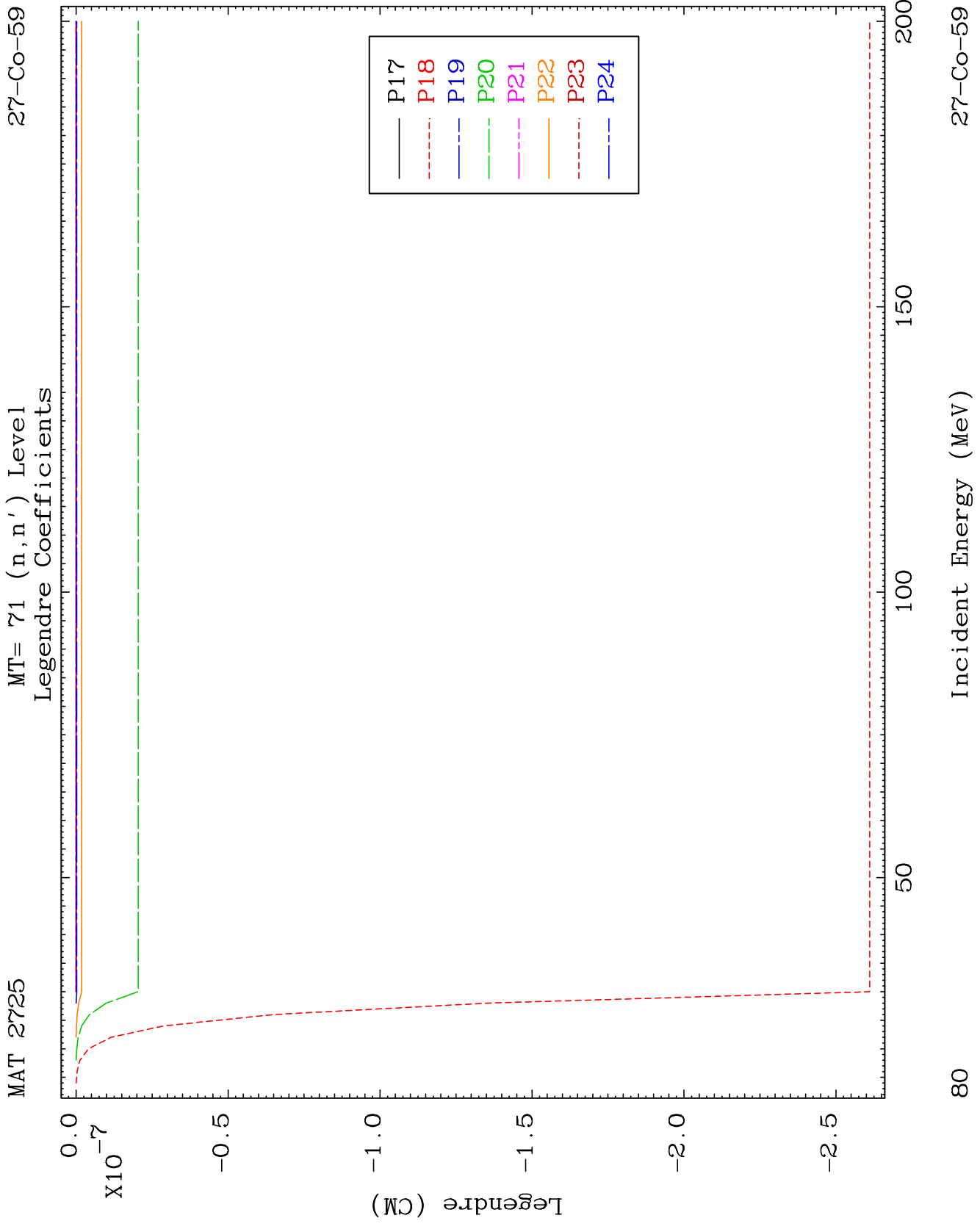
MAT 2725

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

27-Co-59



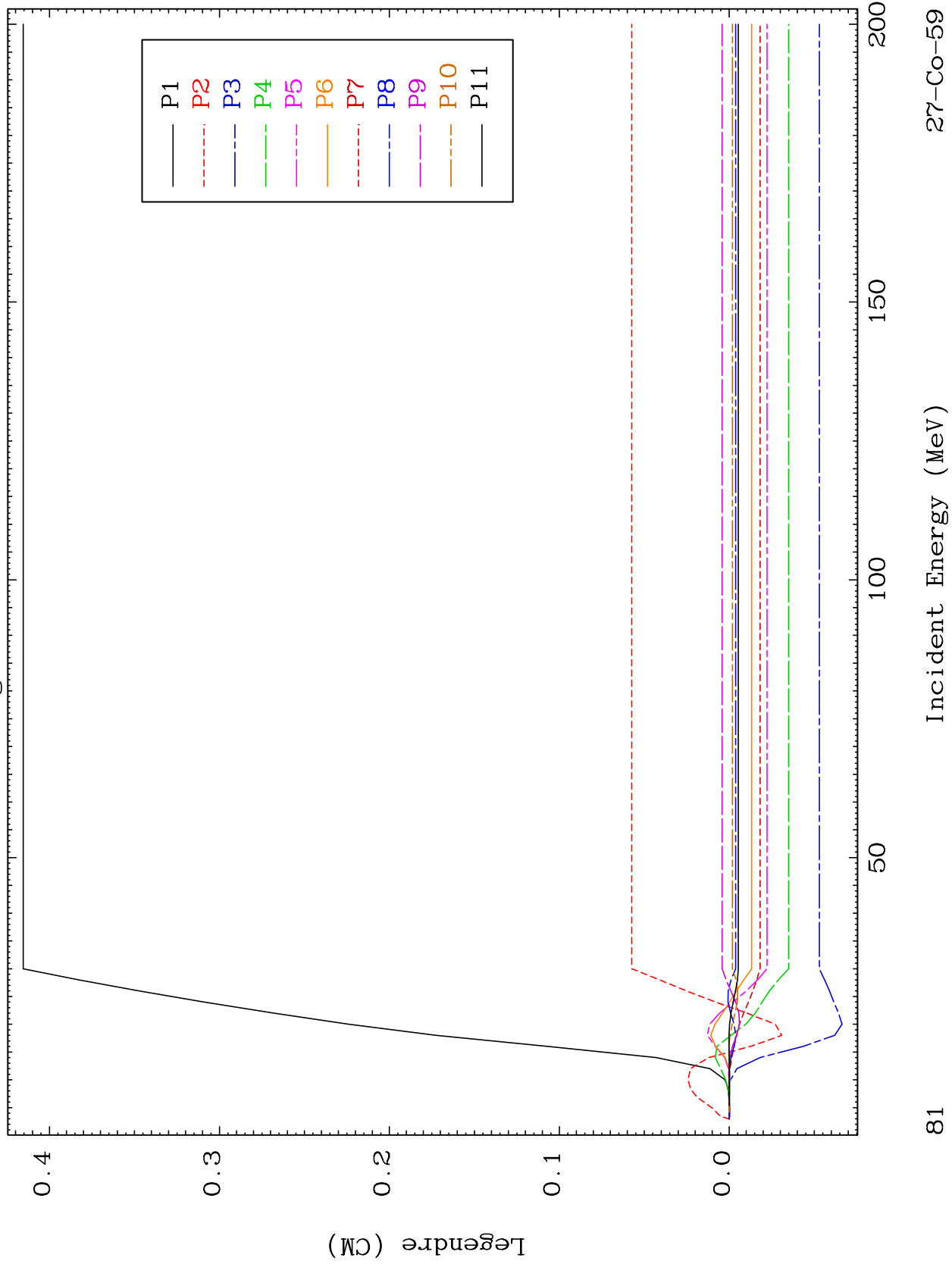




MAT 2725

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

27-Co-59



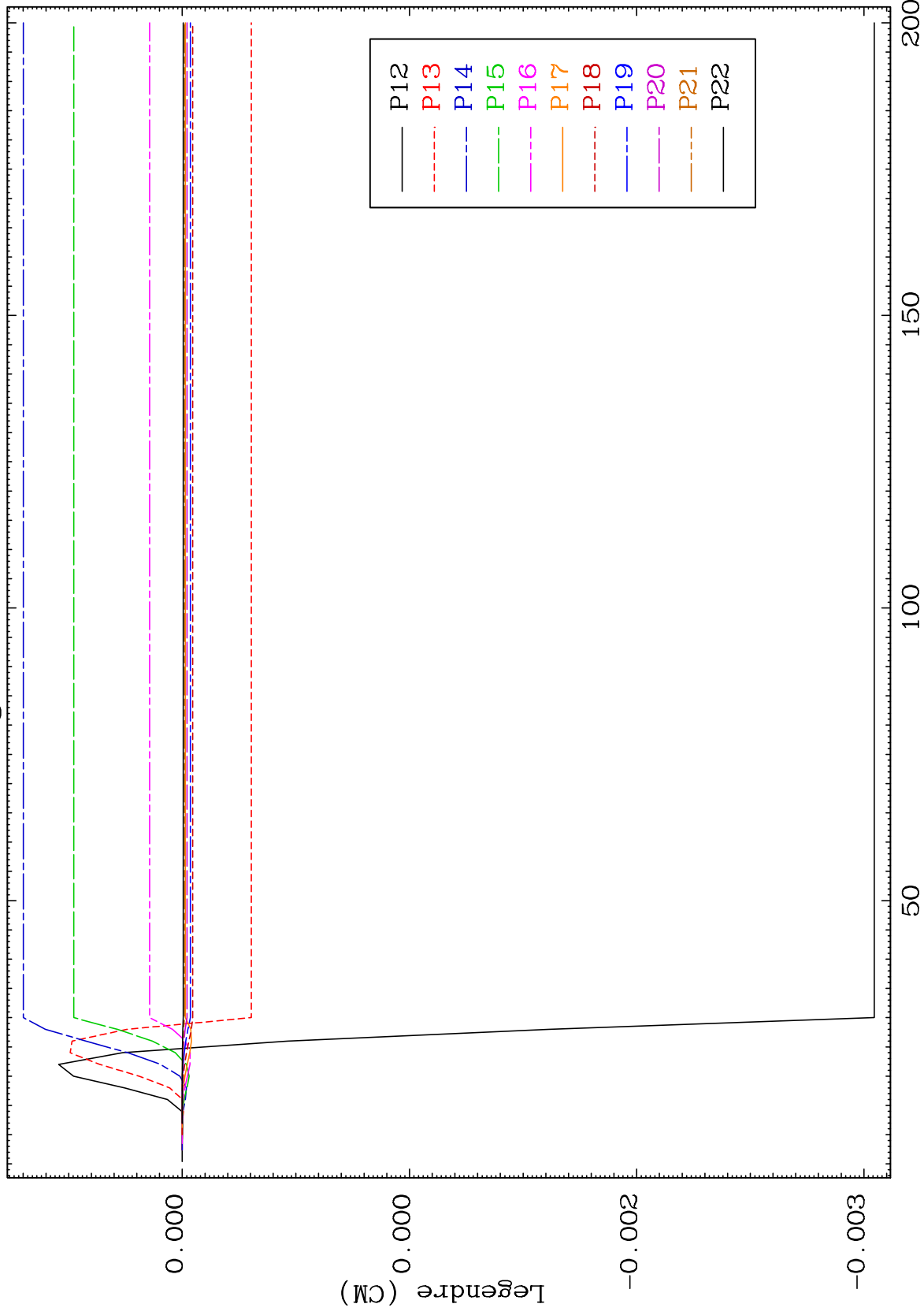
81

27-Co-59

MAT 2725

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

27-Co-59



82

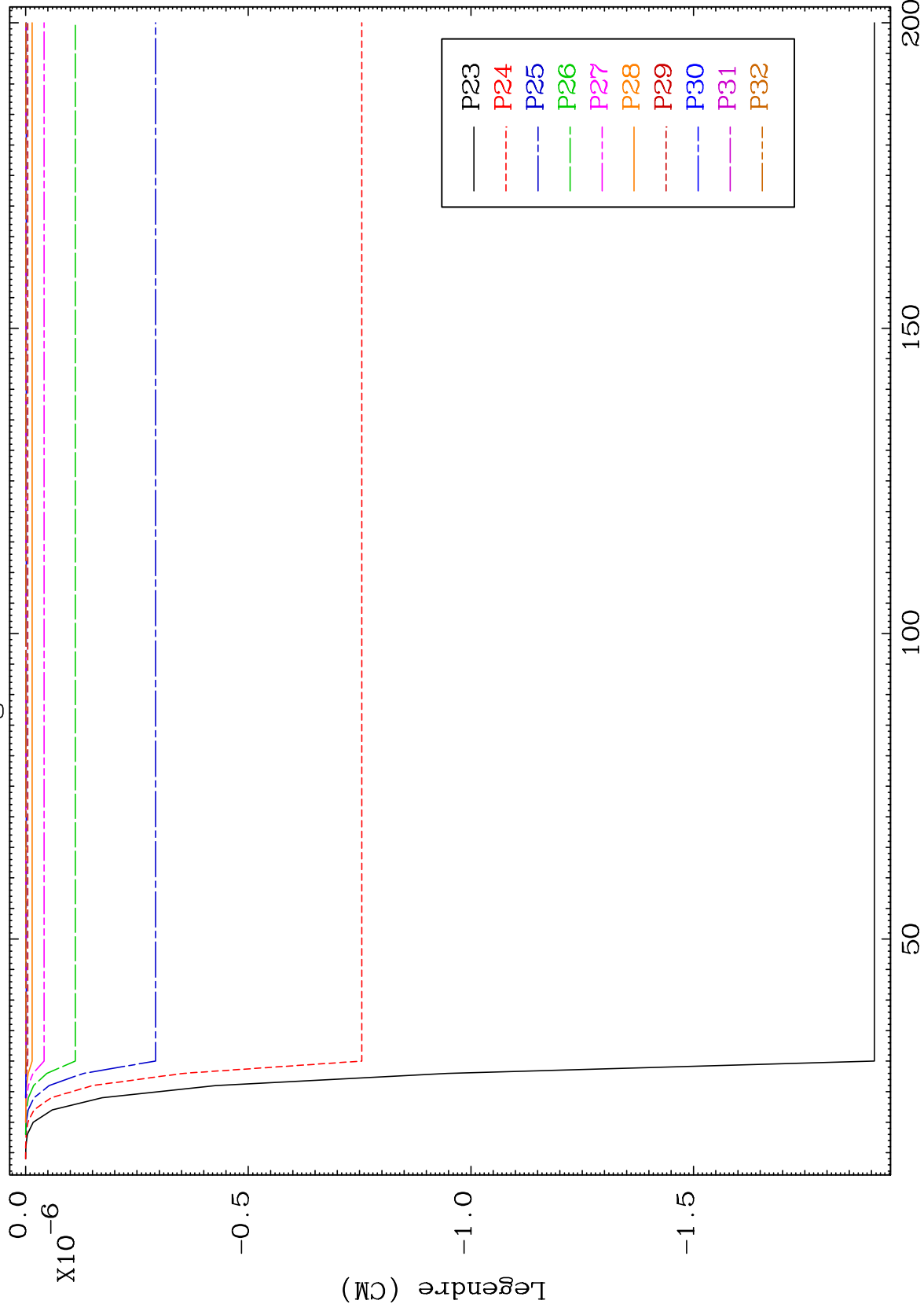
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



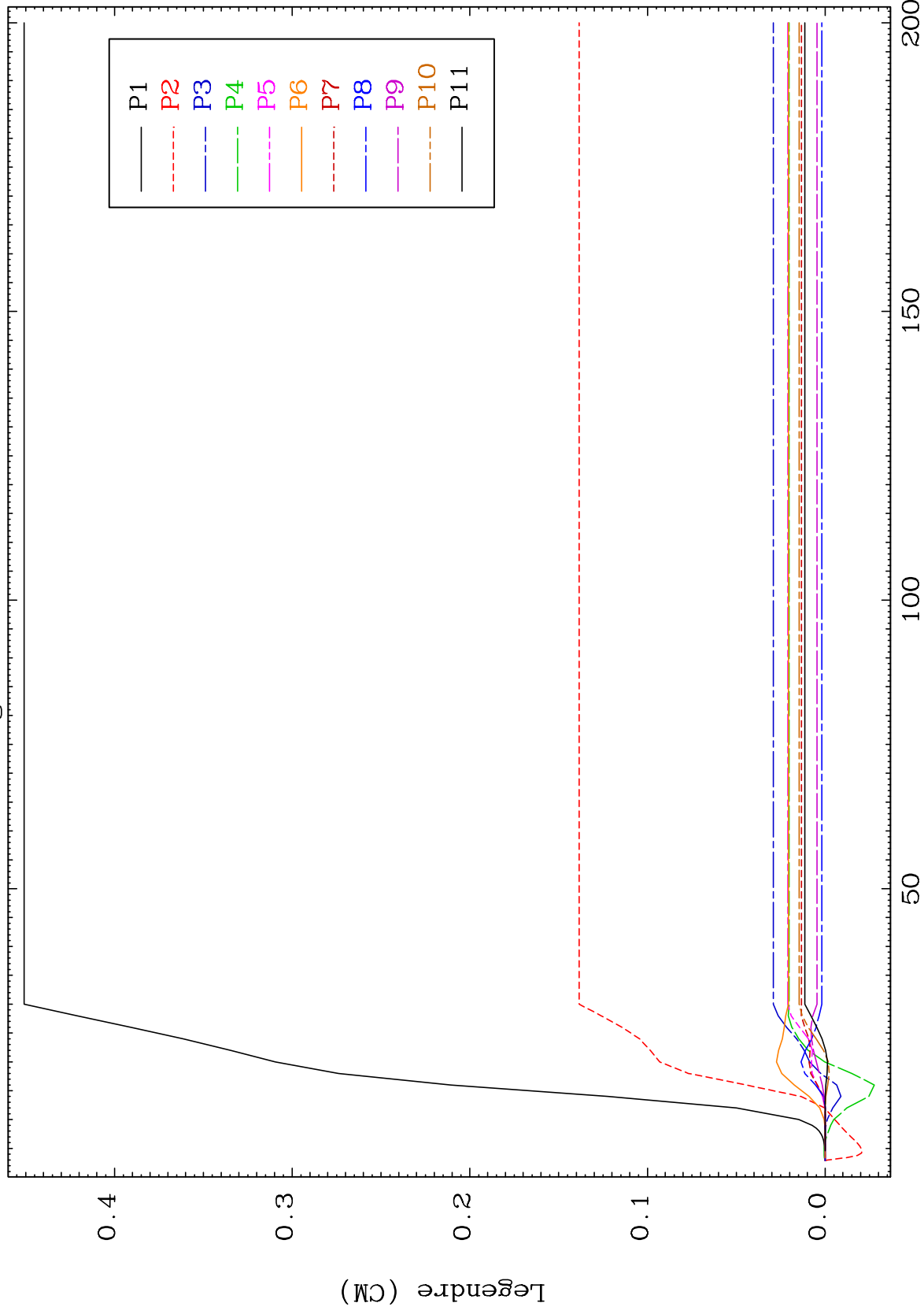
83

27-Co-59

MAT 2725

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

27-Co-59



84

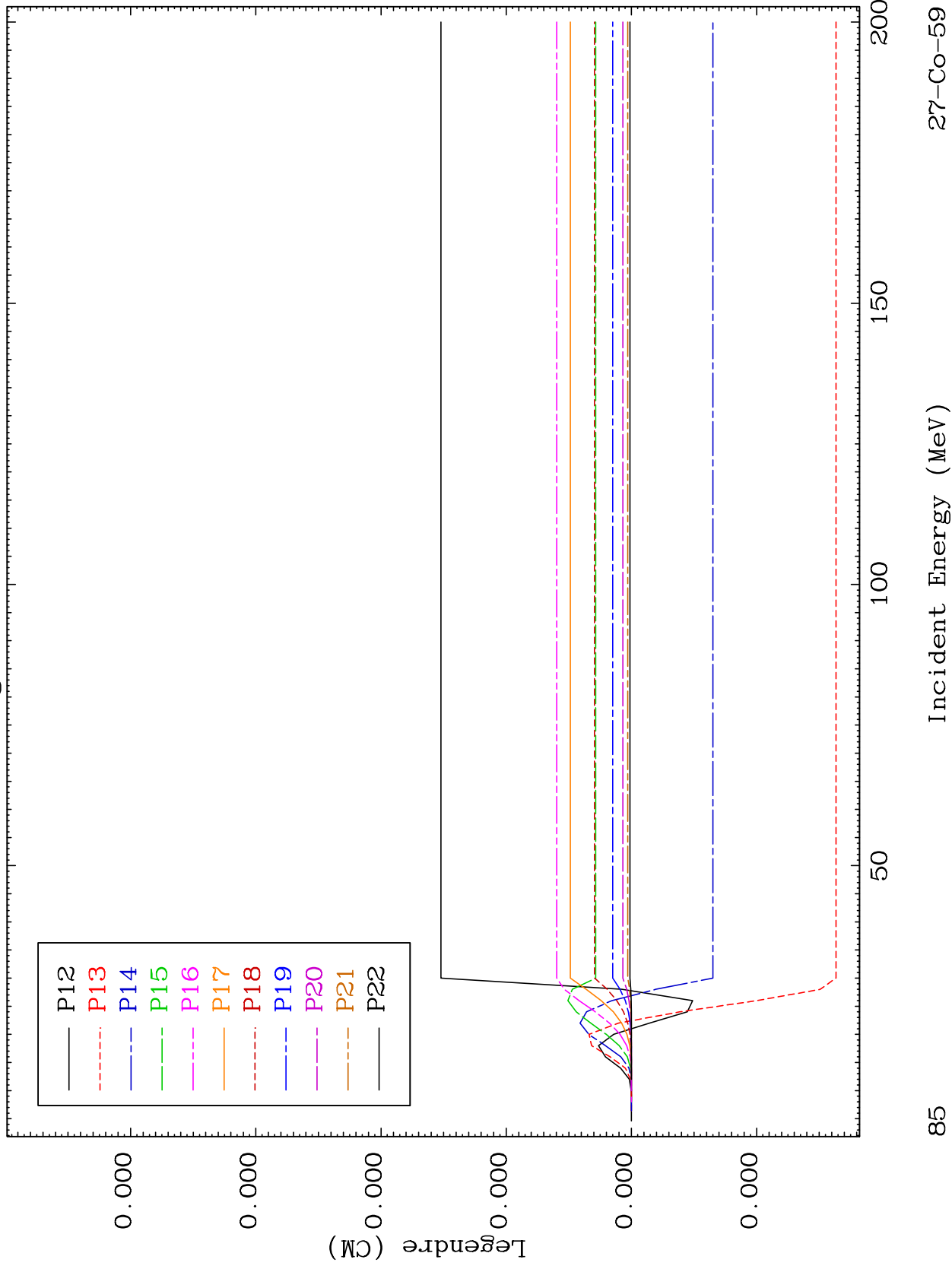
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



85

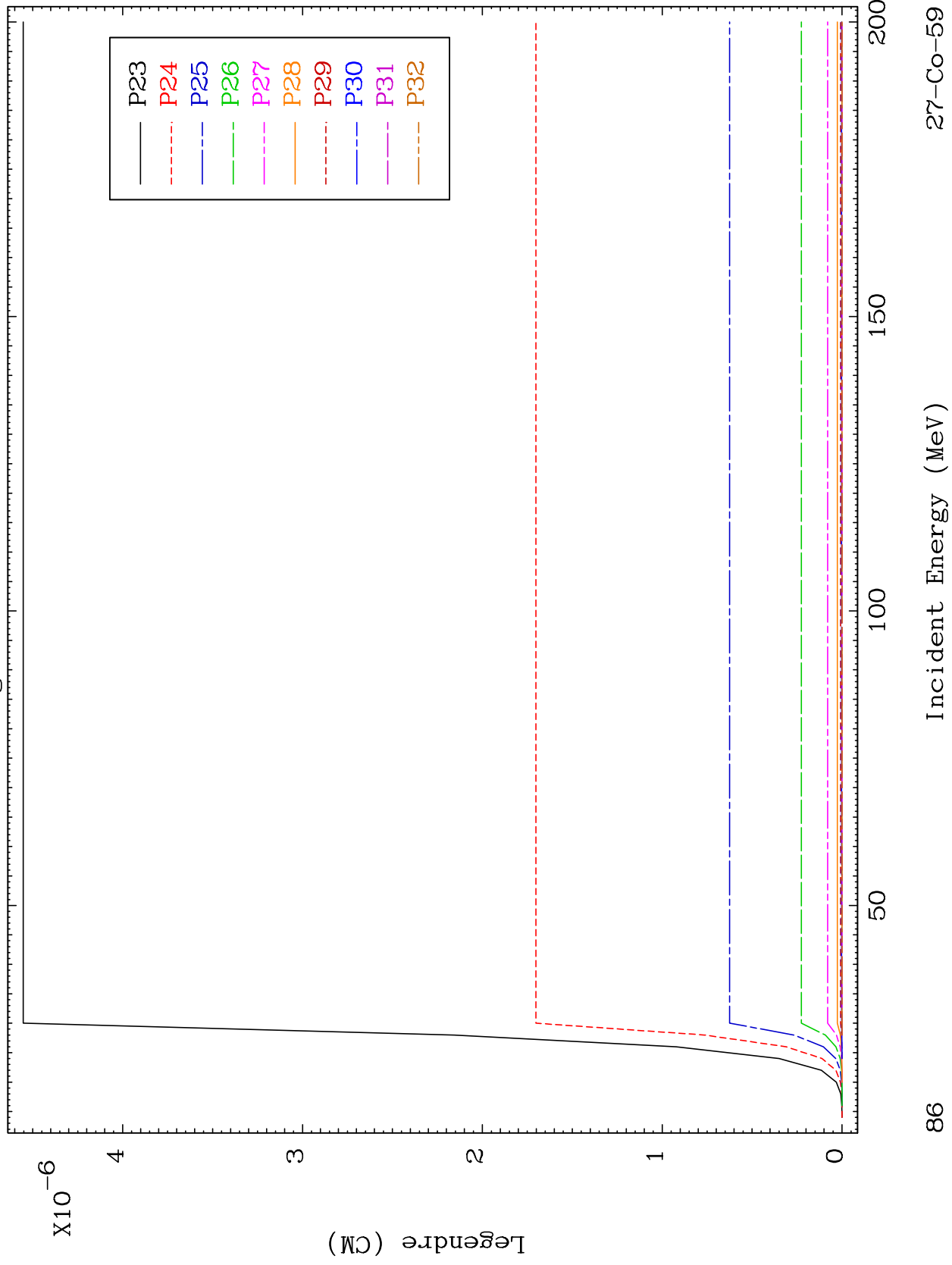
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



86

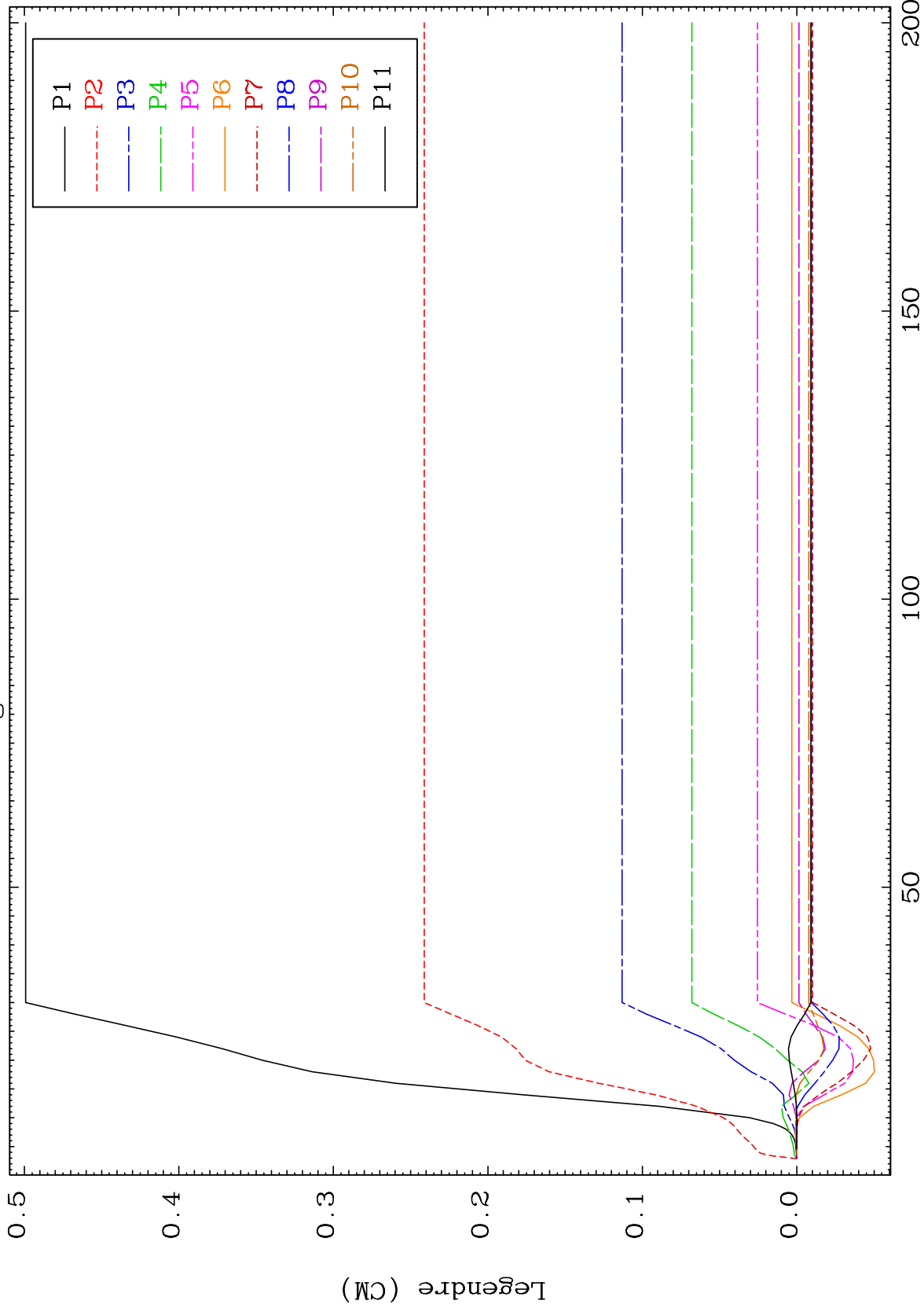
Incident Energy (MeV)

27-Co-59

MAT 2725

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

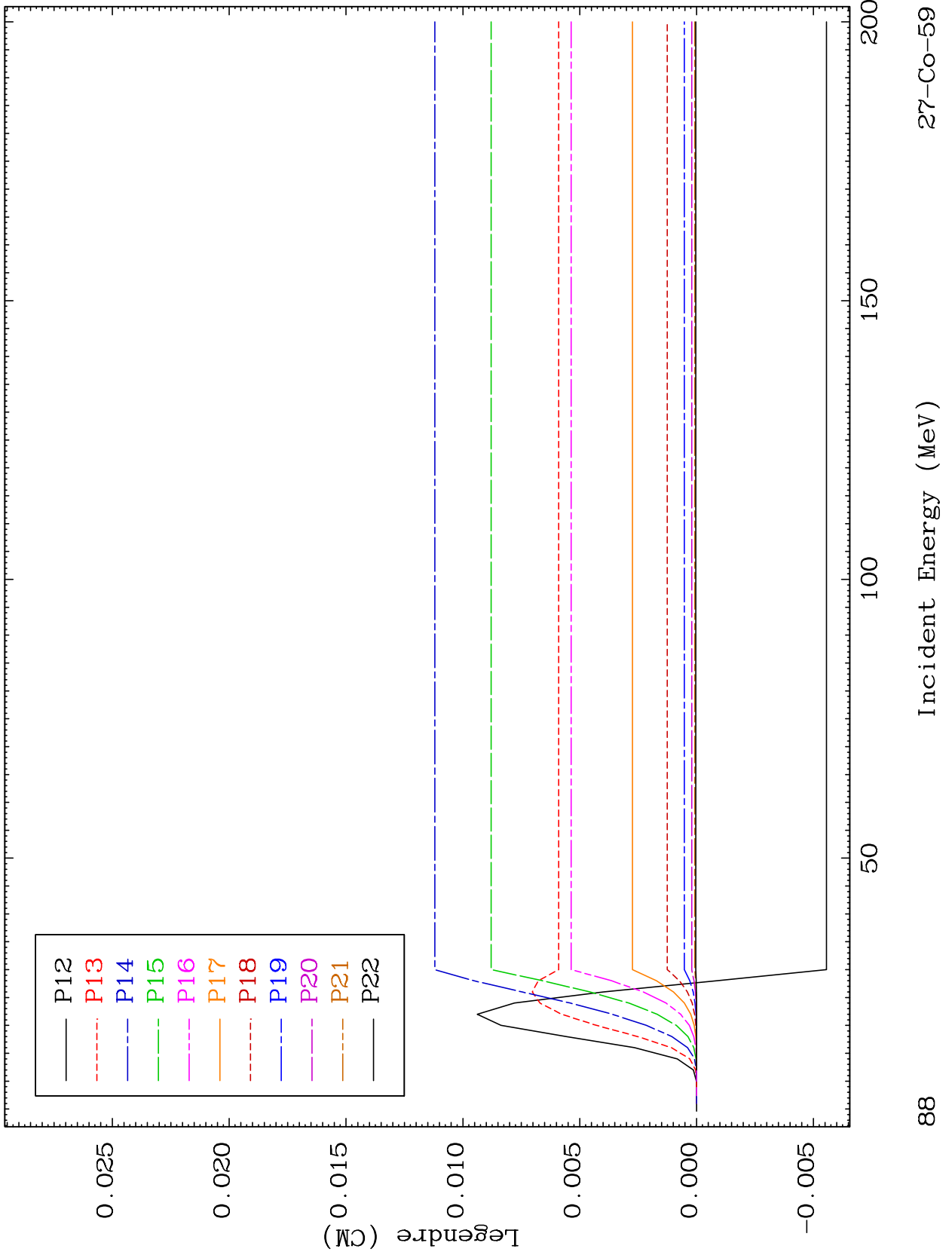
27-Co-59



87

Incident Energy (MeV)

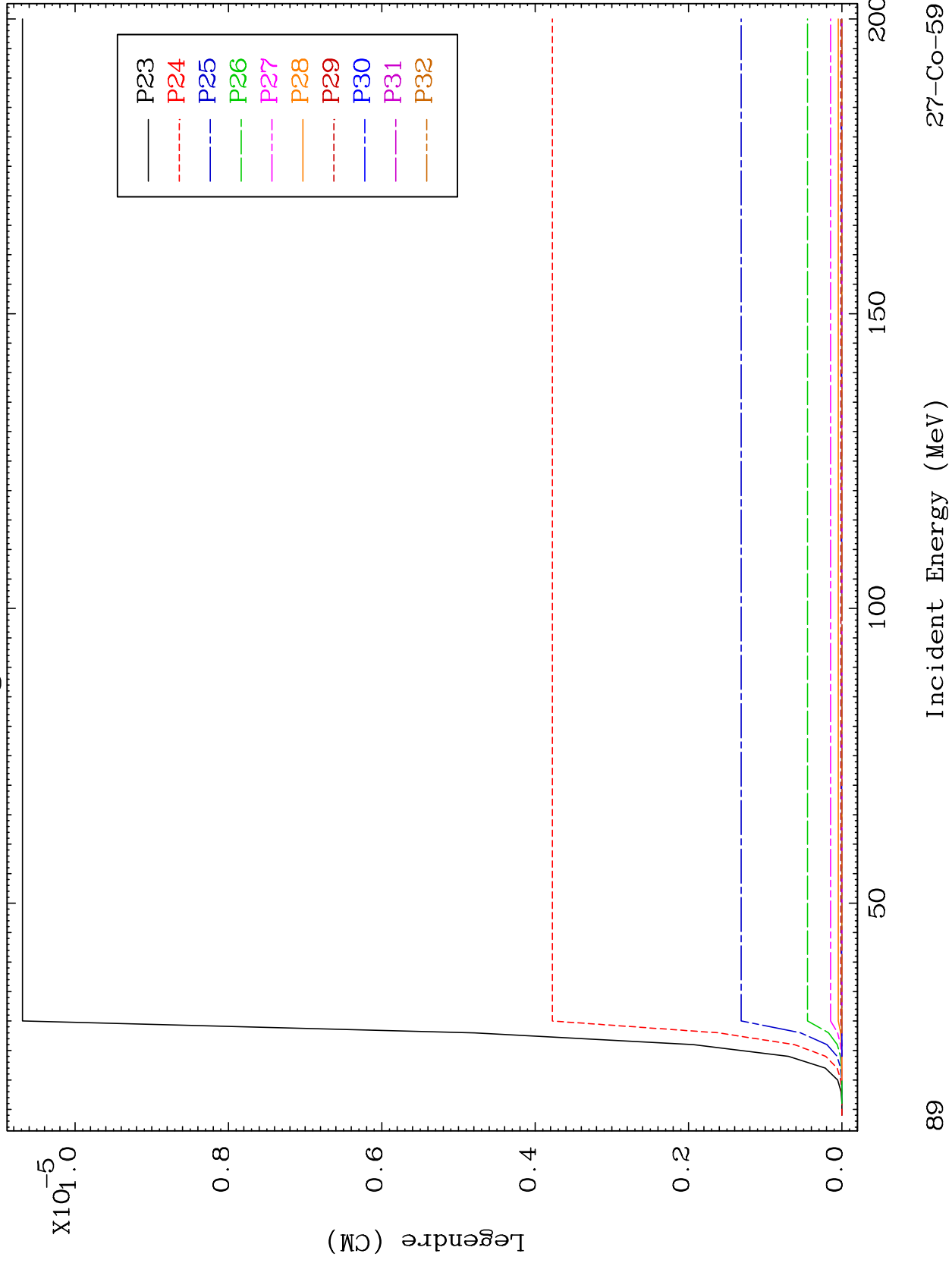
27-Co-59



MAT 2725

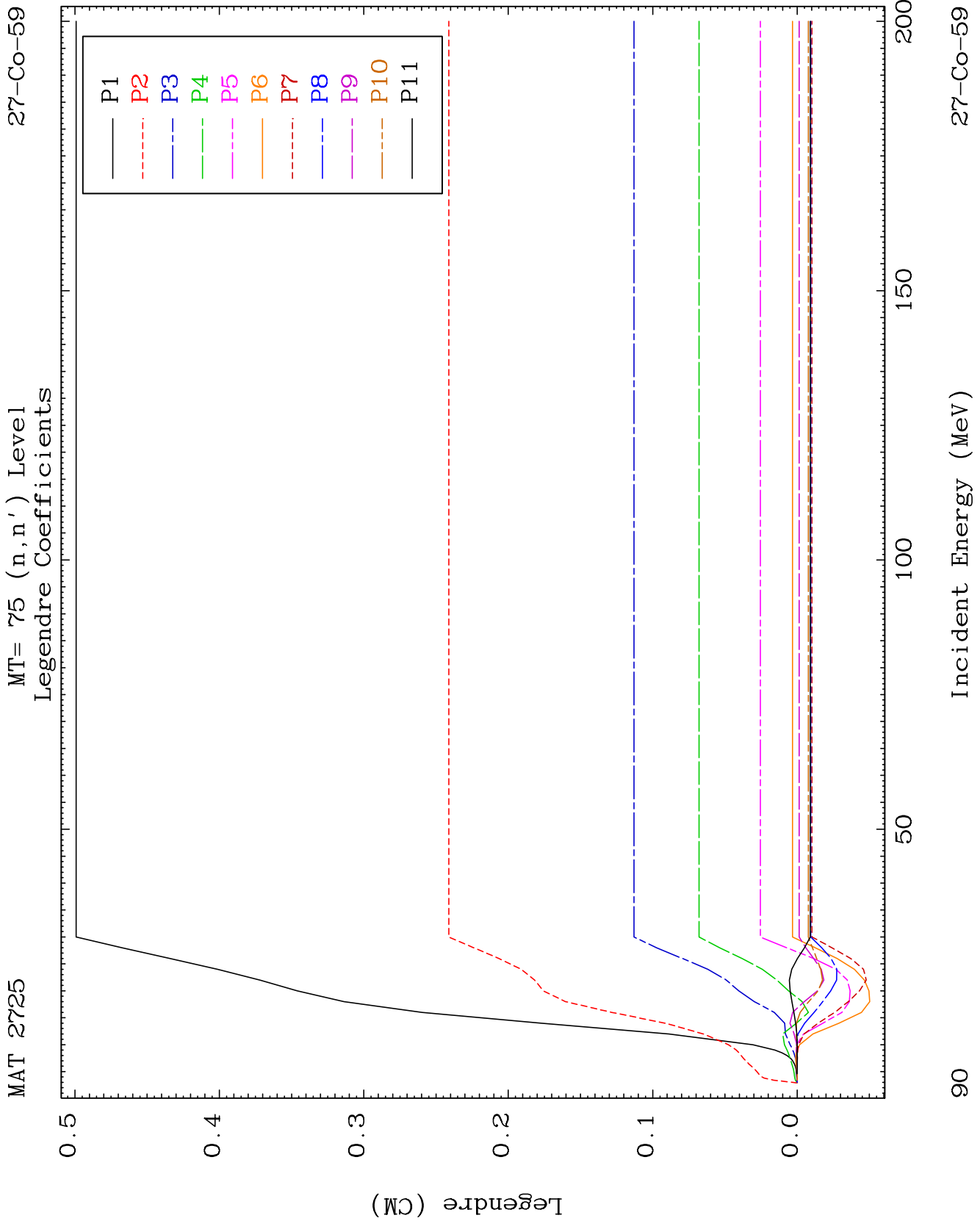
MT= 74 (n,n') Level
Legendre Coefficients

27-Co-59



89

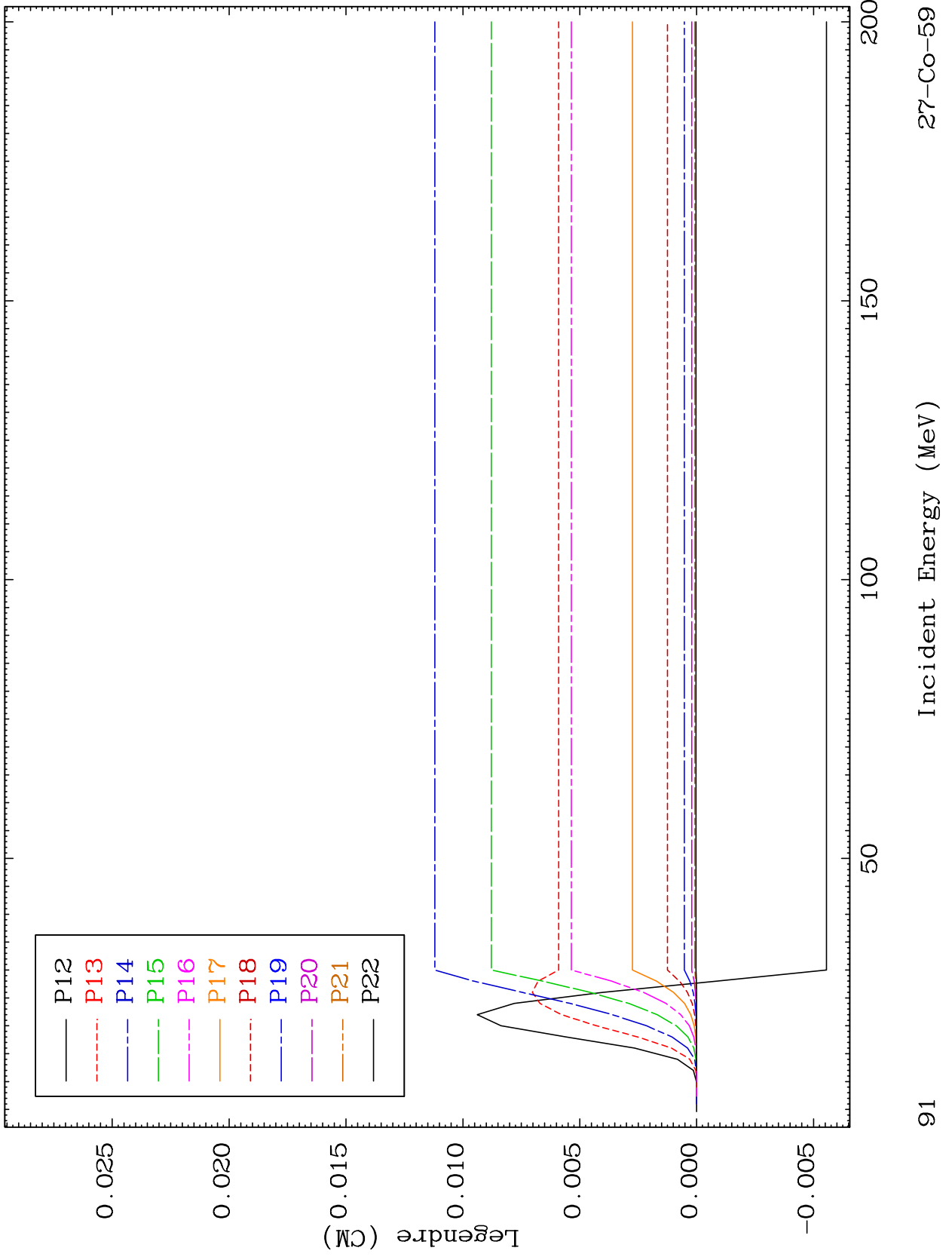
27-Co-59



MAT 2725

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

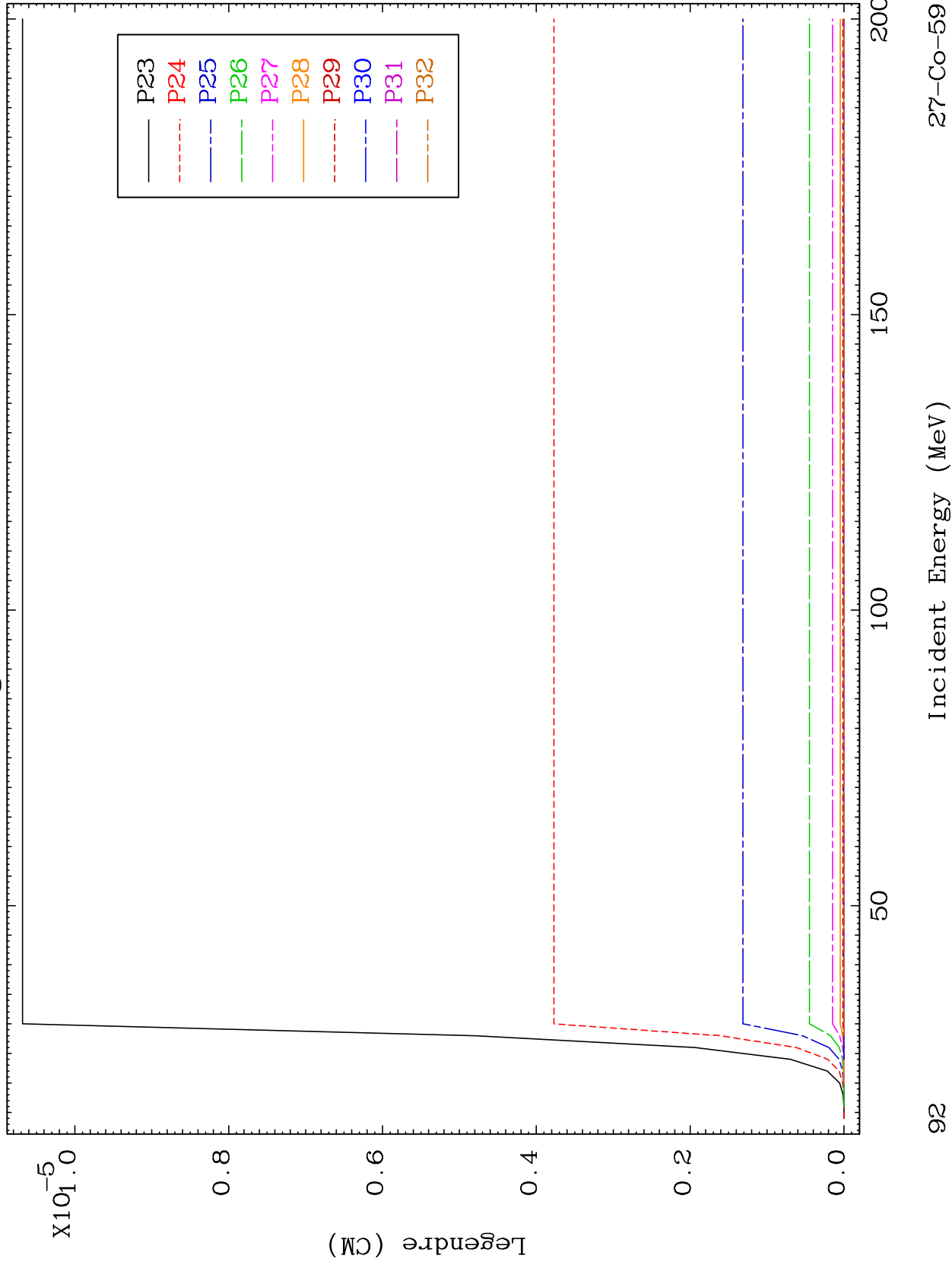
27-Co-59



MAT 2725

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

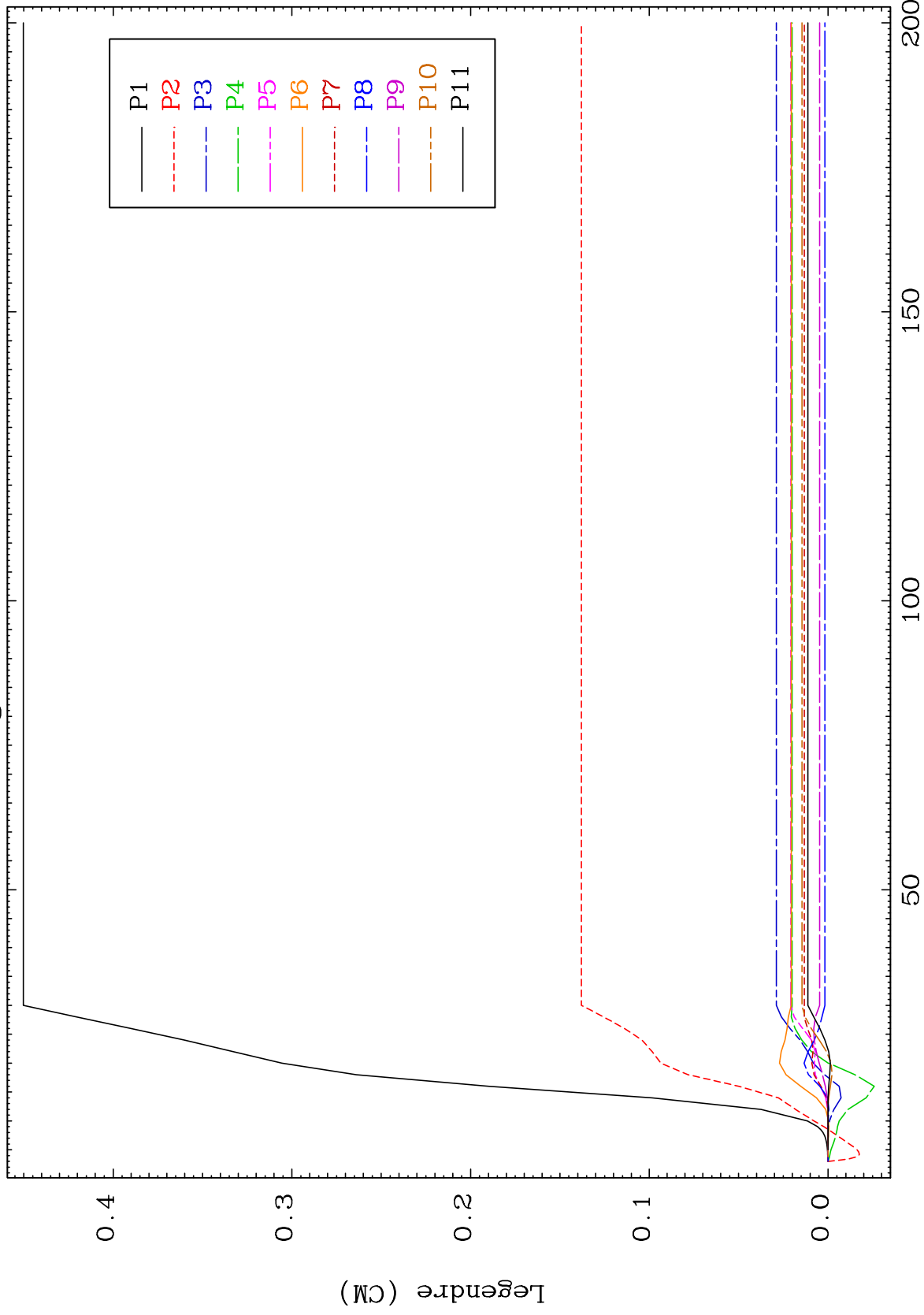
27-Co-59



MAT 2725

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

27-Co-59



93

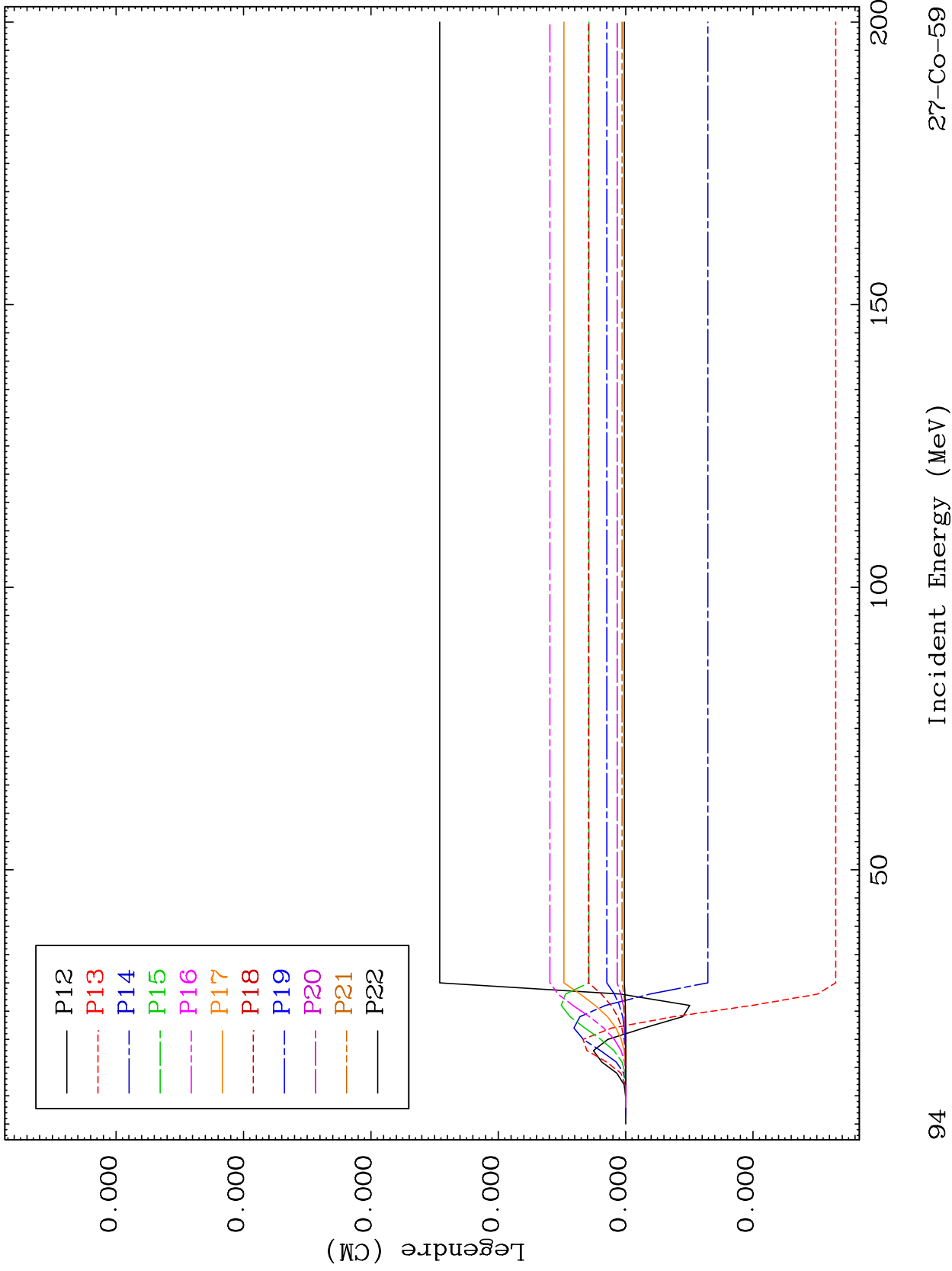
Incident Energy (MeV)

27-Co-59

MAT 2725

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

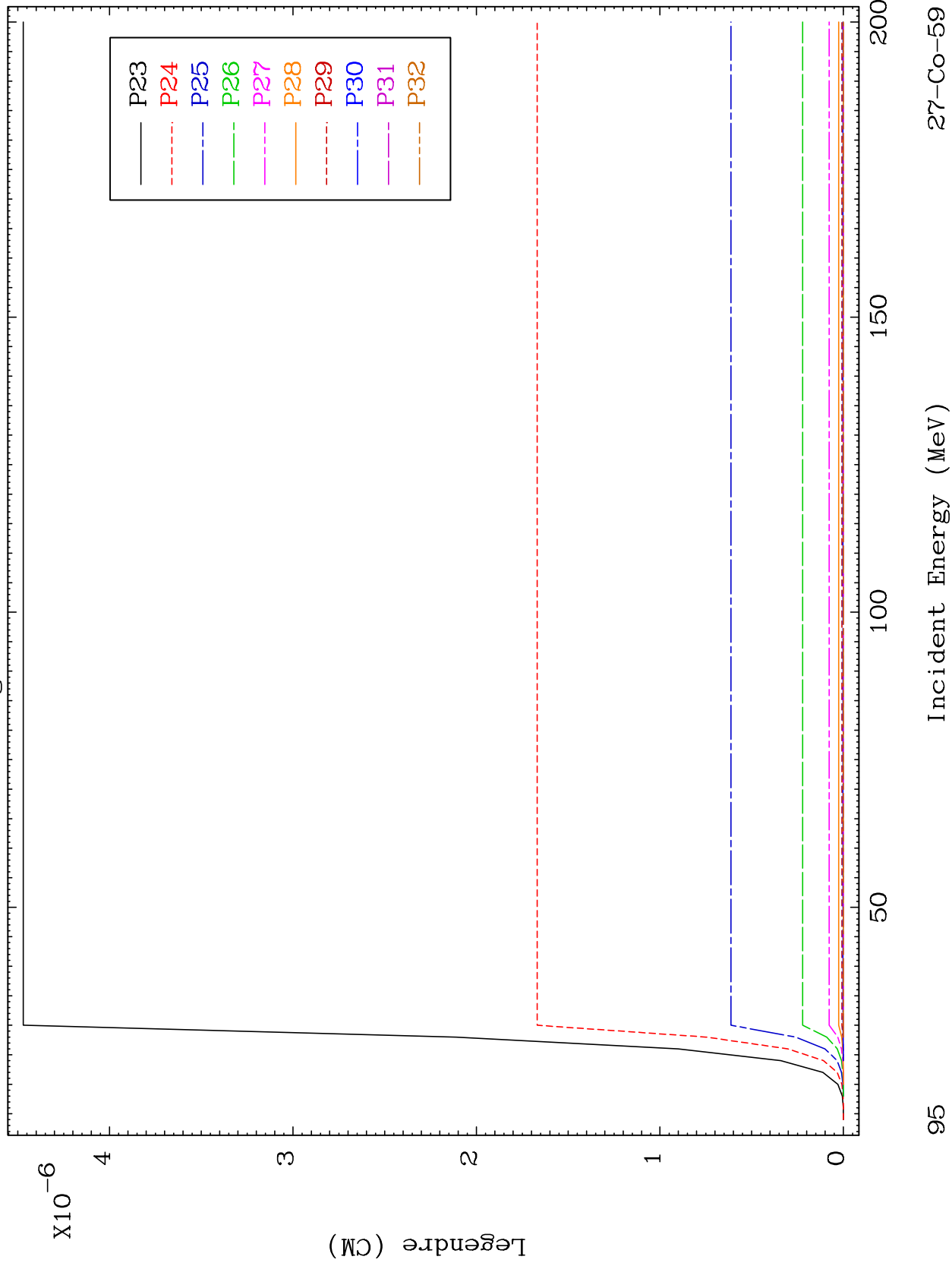
27-Co-59



MAT 2725

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

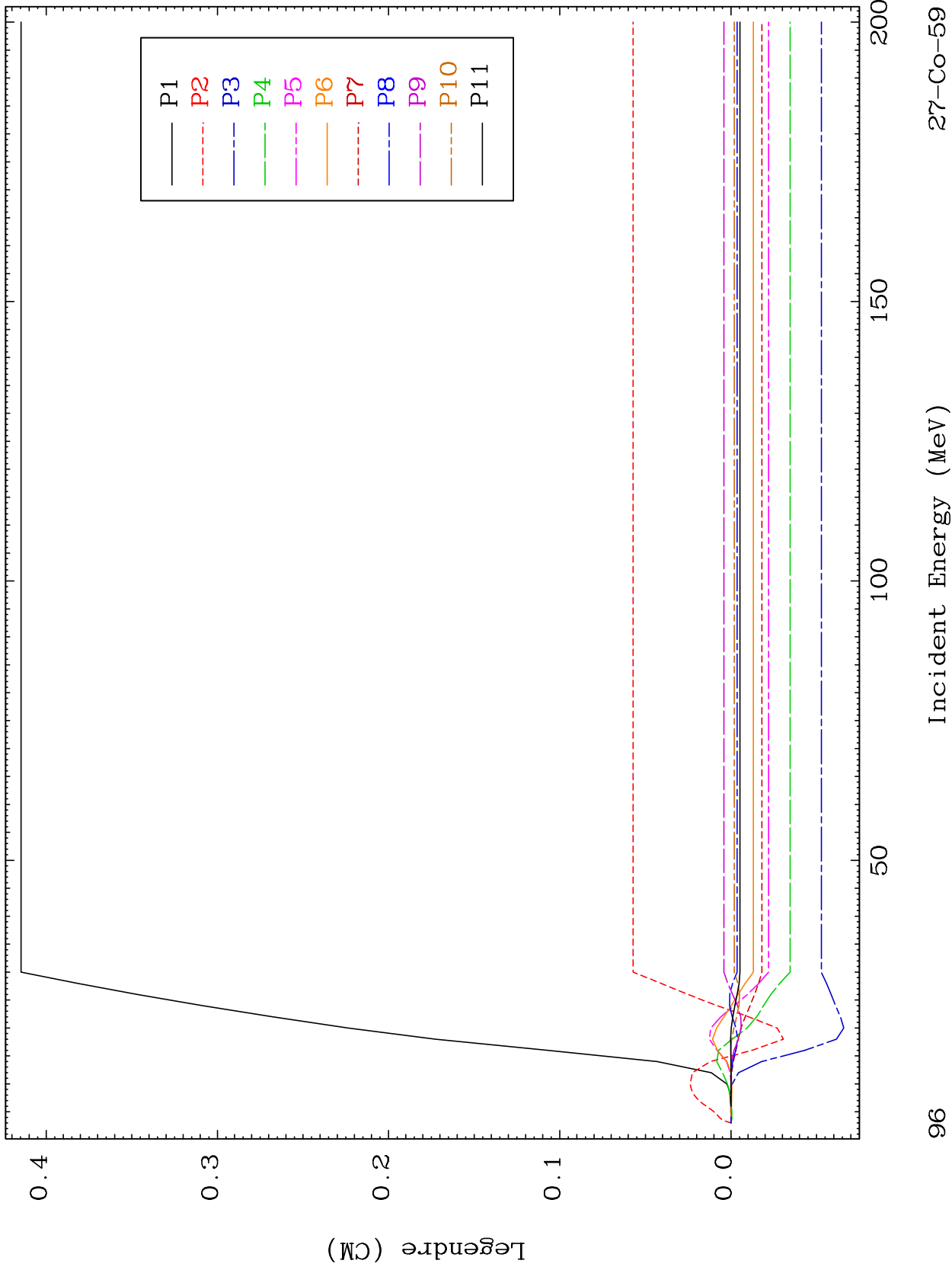
27-Co-59



95

Incident Energy (MeV)

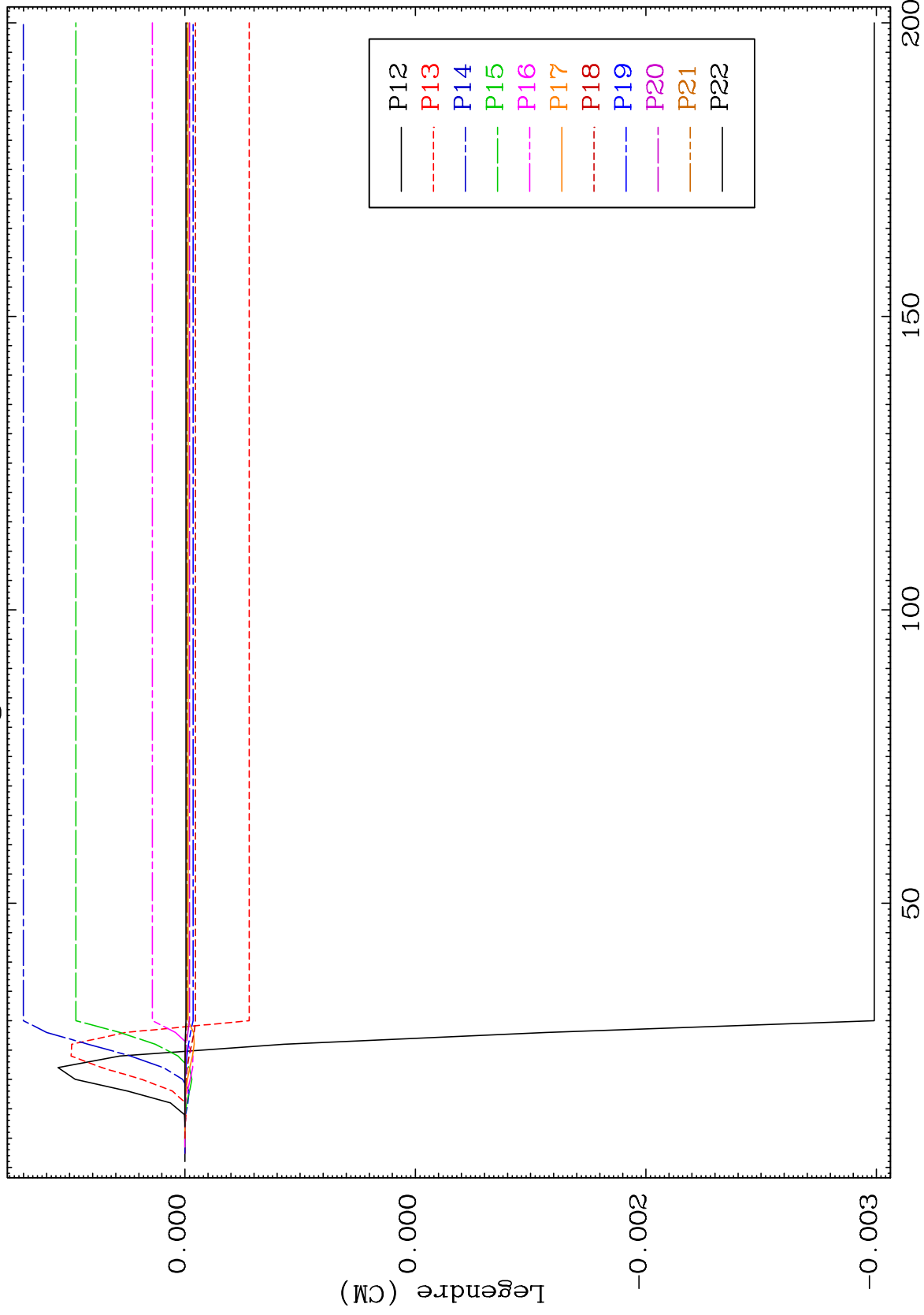
27-Co-59



MAT 2725

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

27-Co-59



97

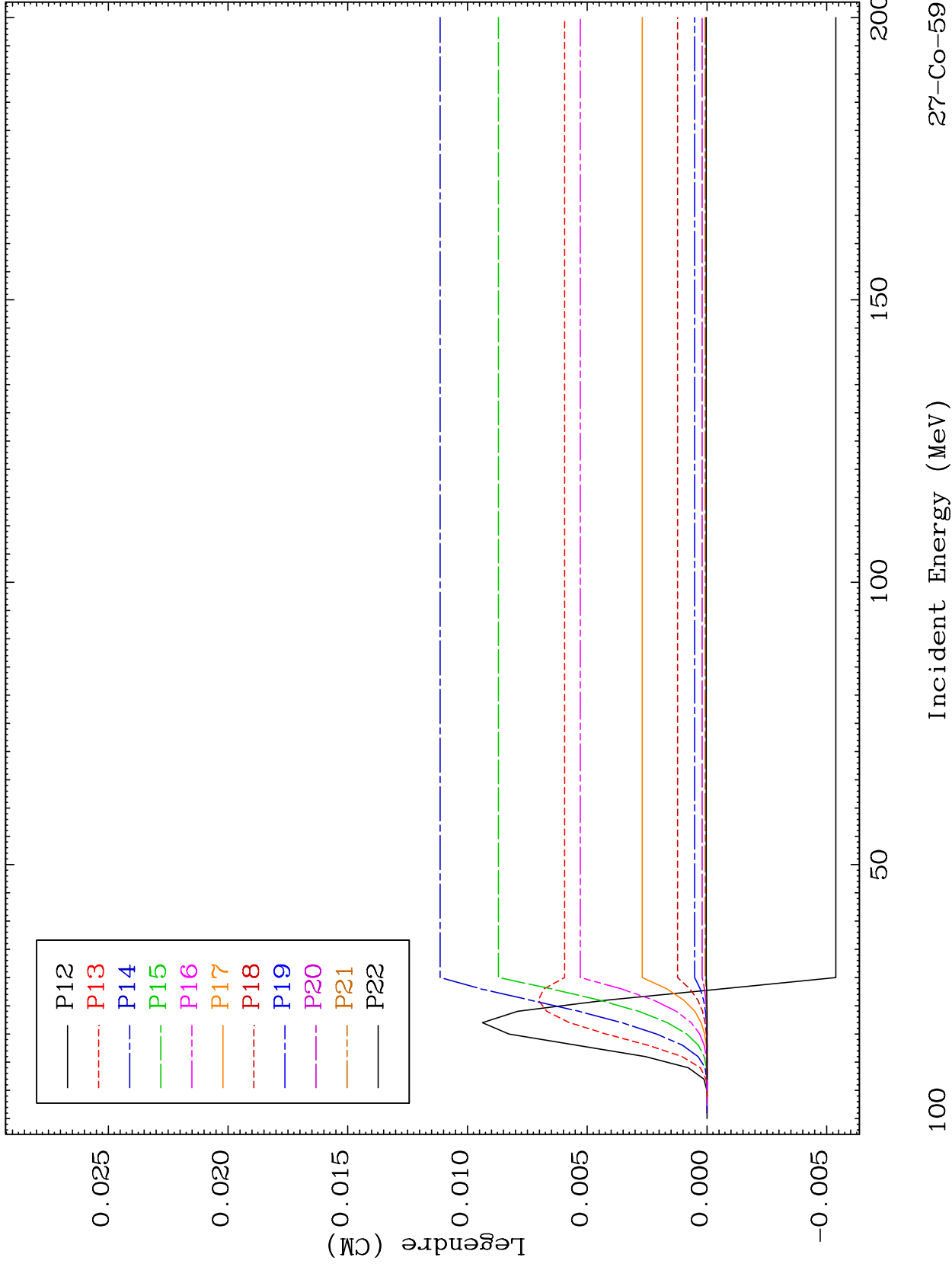
Incident Energy (MeV)

27-Co-59

MAT 2725

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

27-Co-59



100

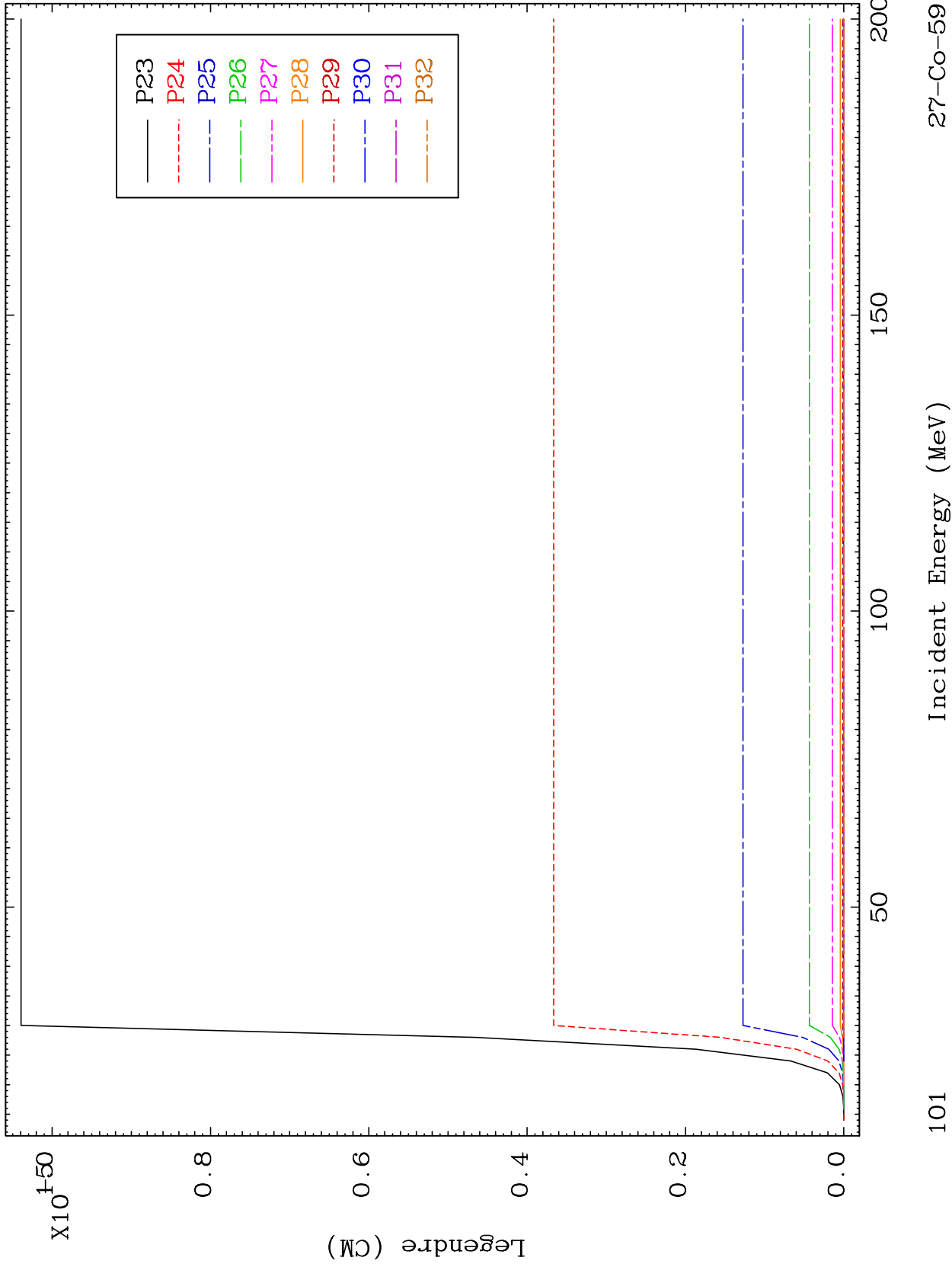
Incident Energy (MeV)

27-Co-59

MAT 2725

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

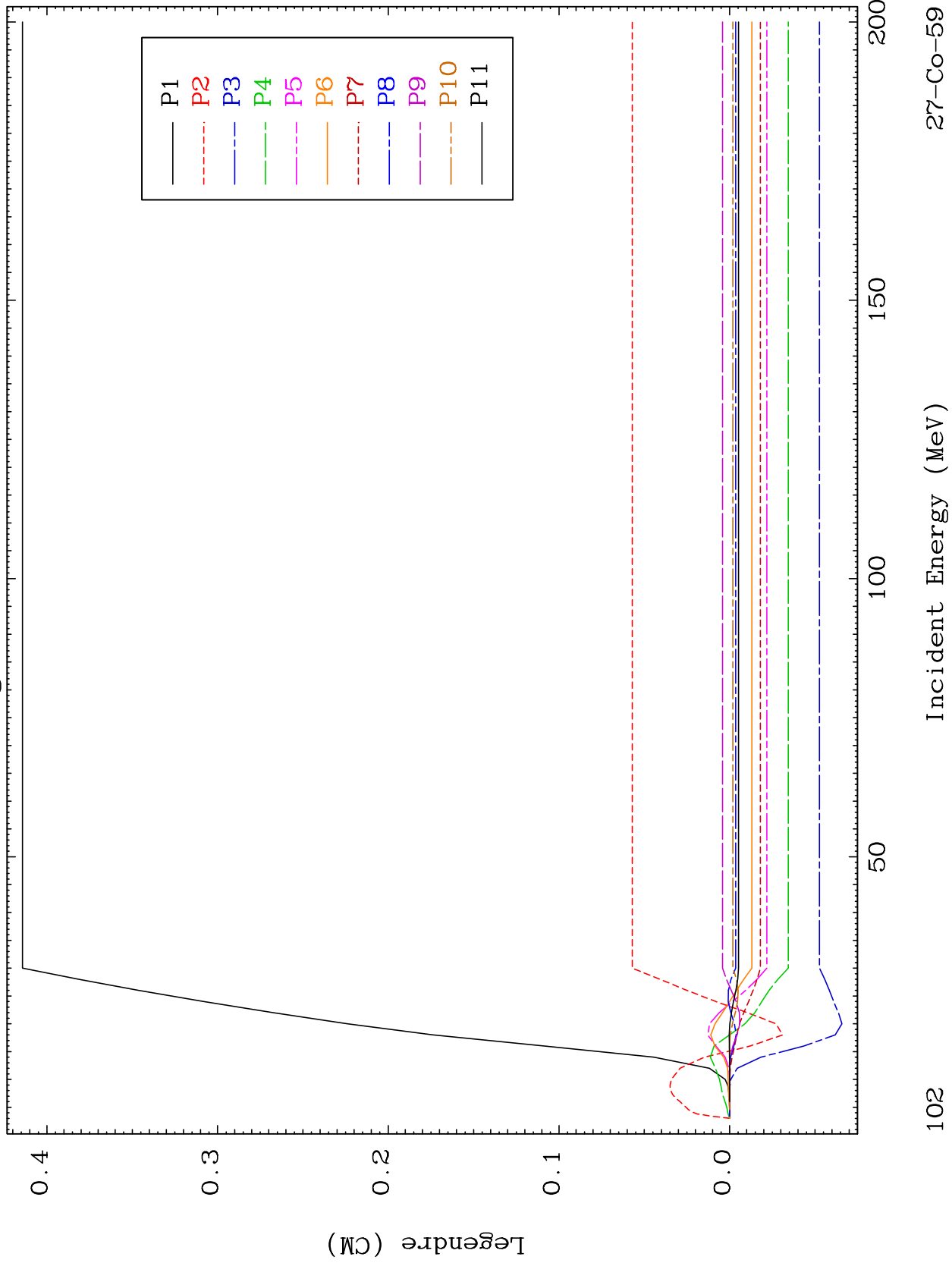
27-Co-59



MAT 2725

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

27-Co-59



102

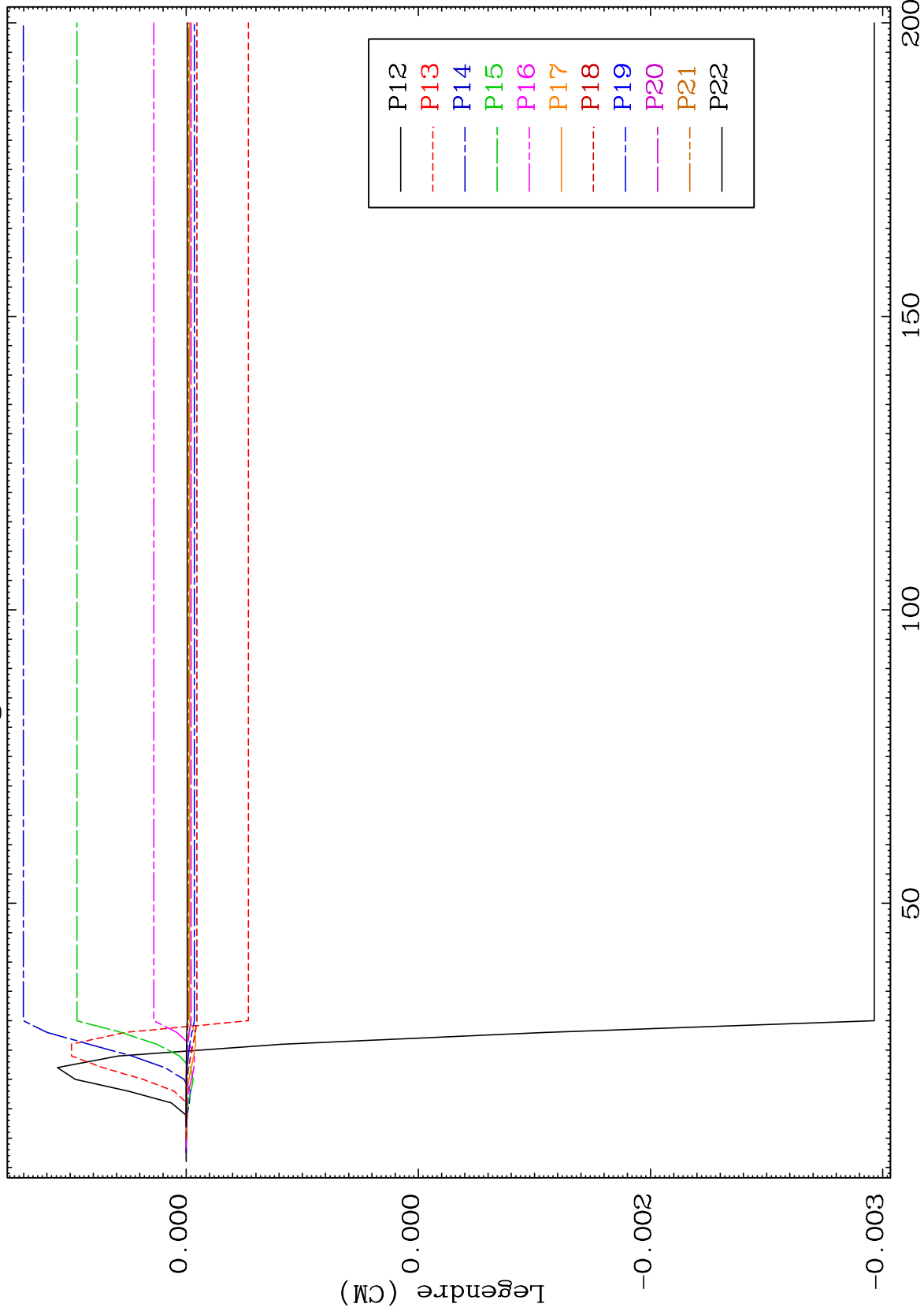
Incident Energy (MeV)

27-Co-59

MAT 2725

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

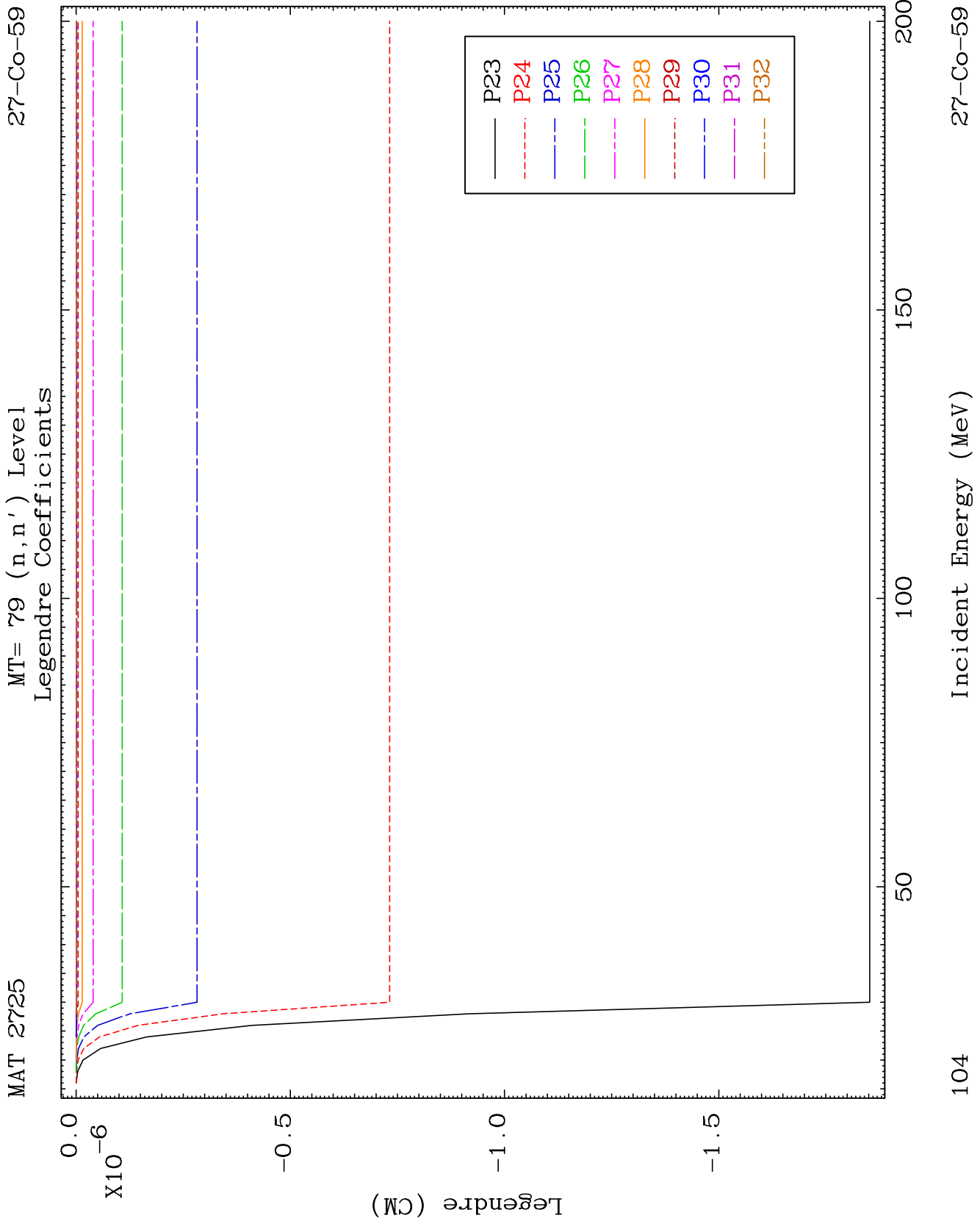
27-Co-59



103

Incident Energy (MeV)

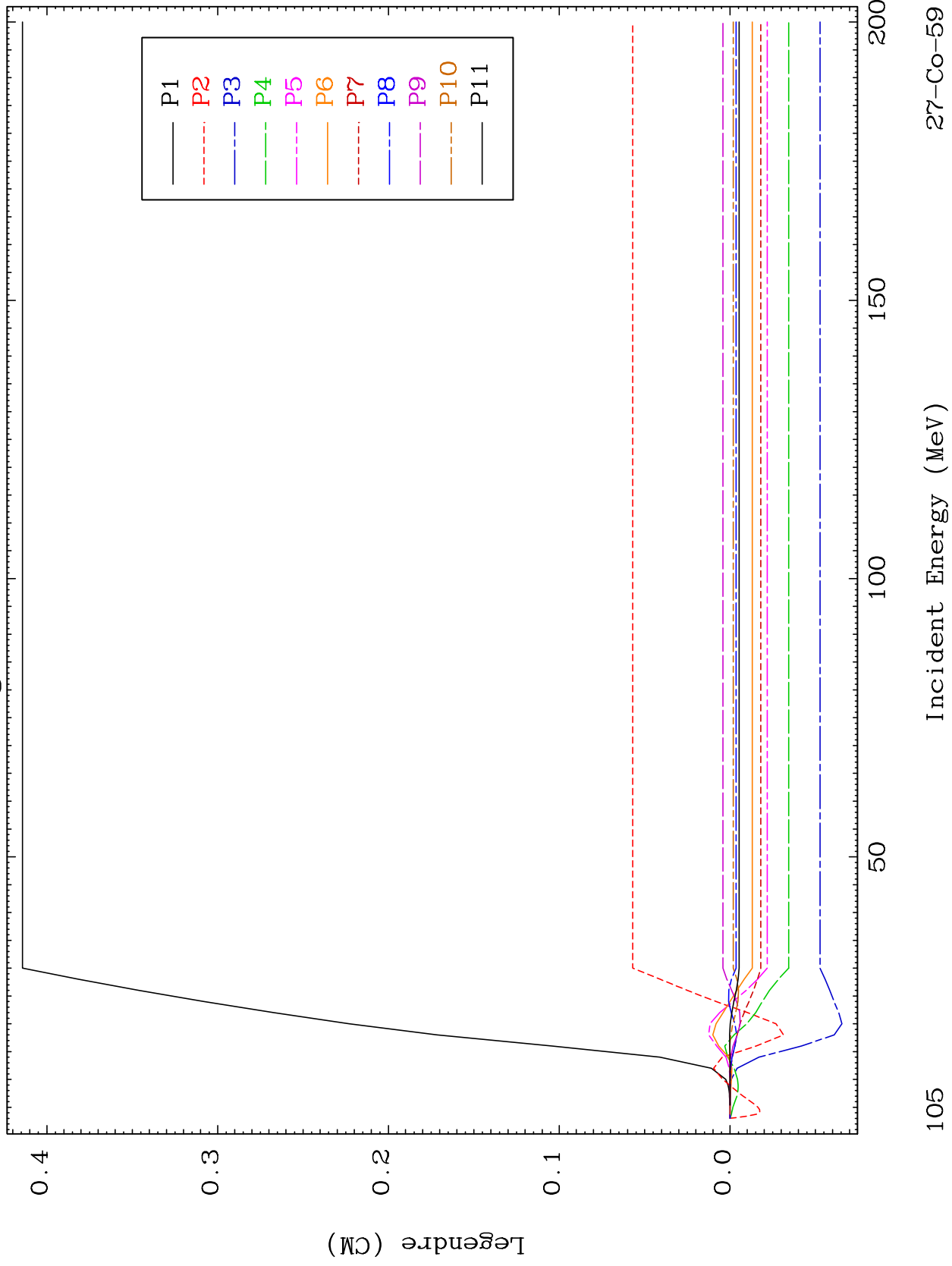
27-Co-59



MAT 2725

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

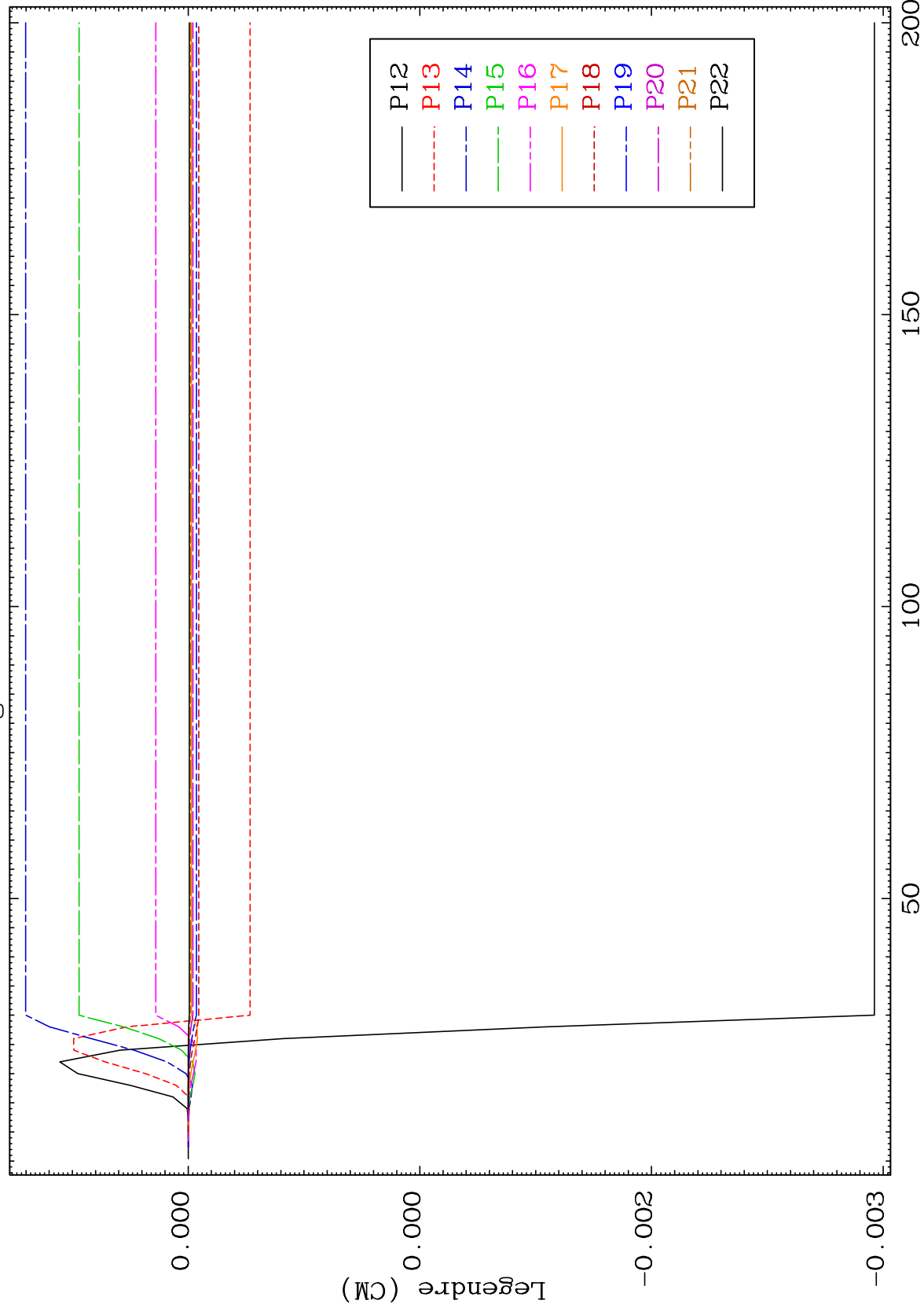
27-Co-59



MAT 2725

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

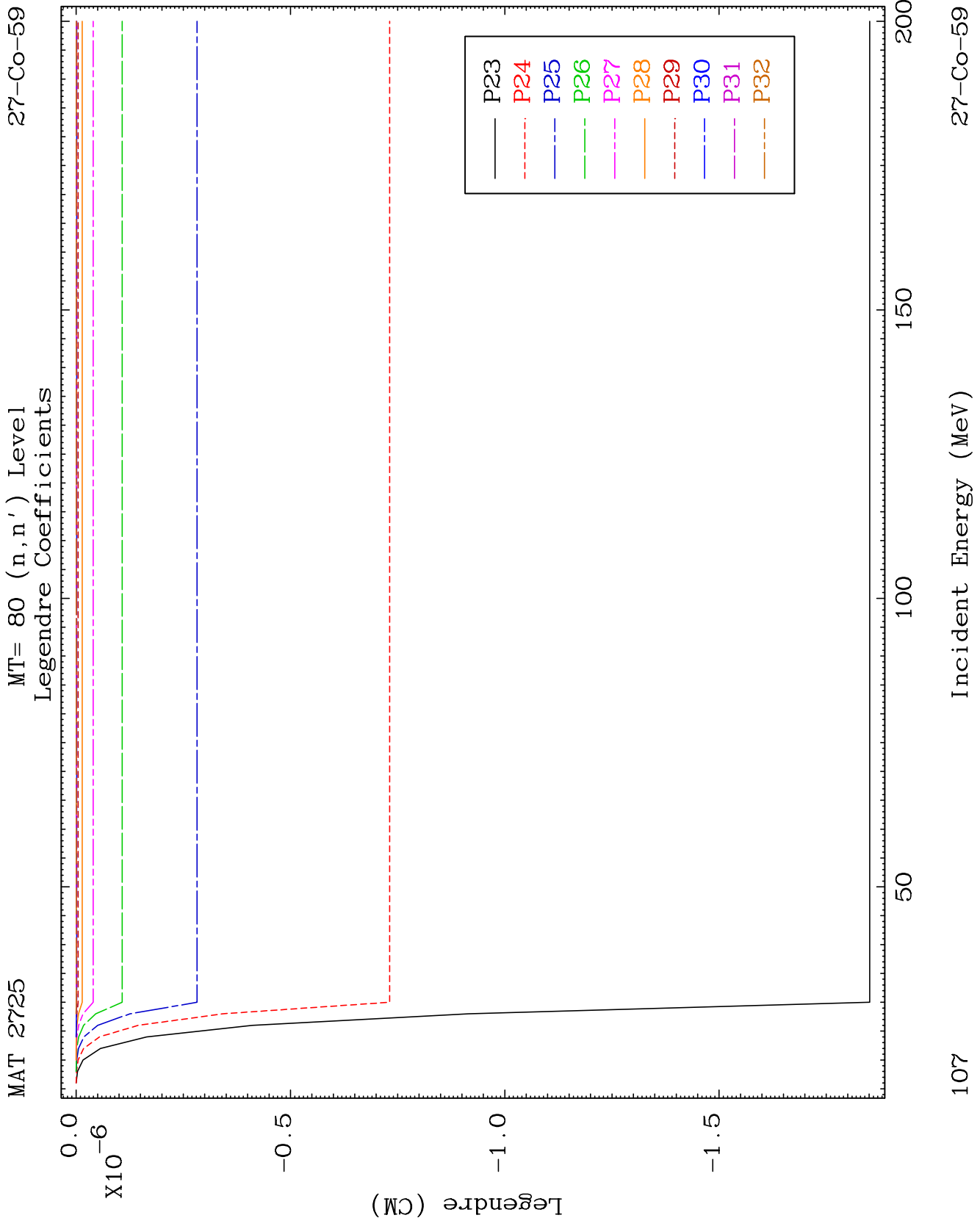
27-Co-59



106

Incident Energy (MeV)

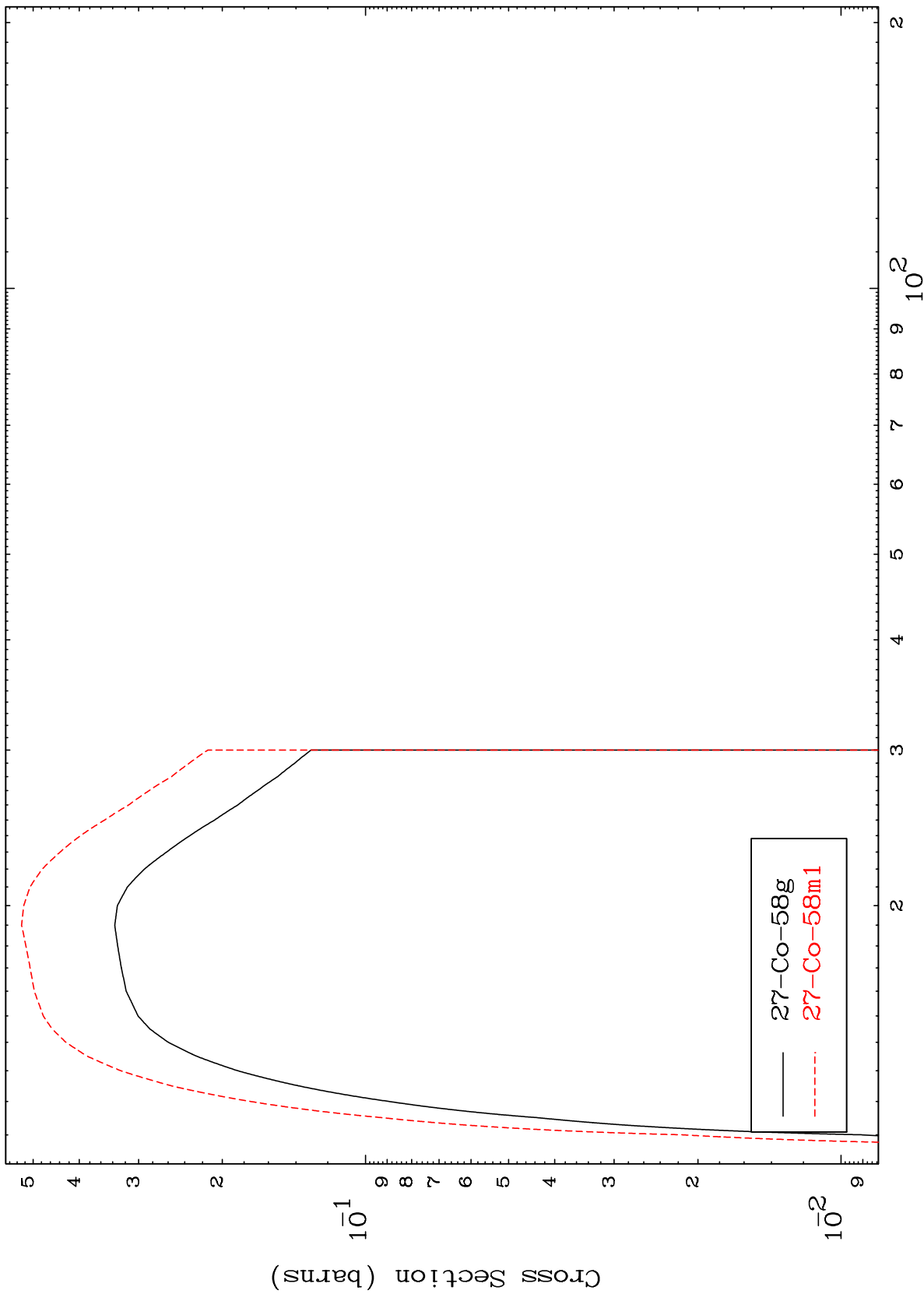
27-Co-59



MAT 2725

27-Co-59

(n,2n)
Radionuclide Production Cross Section



27-Co-59

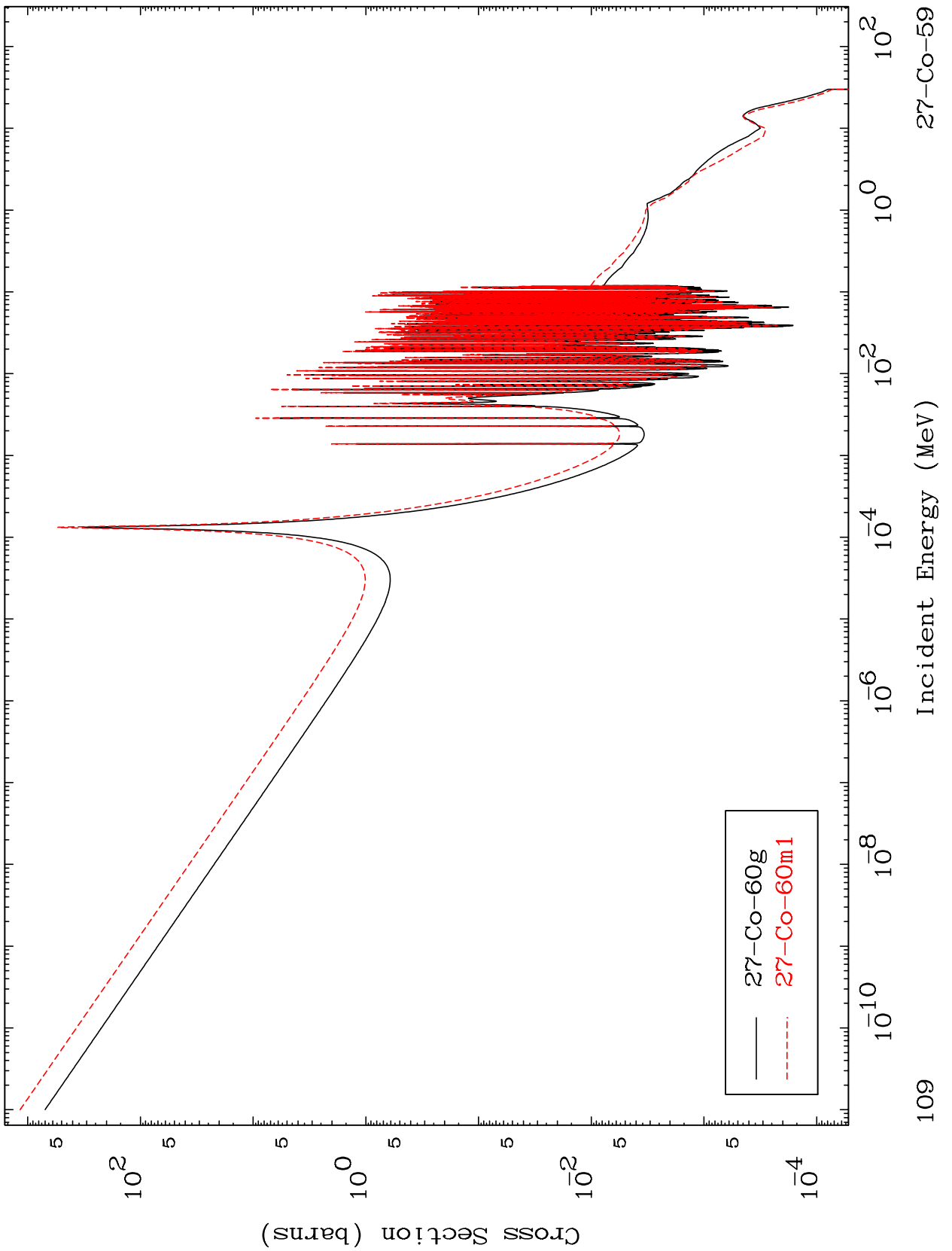
Incident Energy (MeV)

108

MAT 2725

27-Co-59

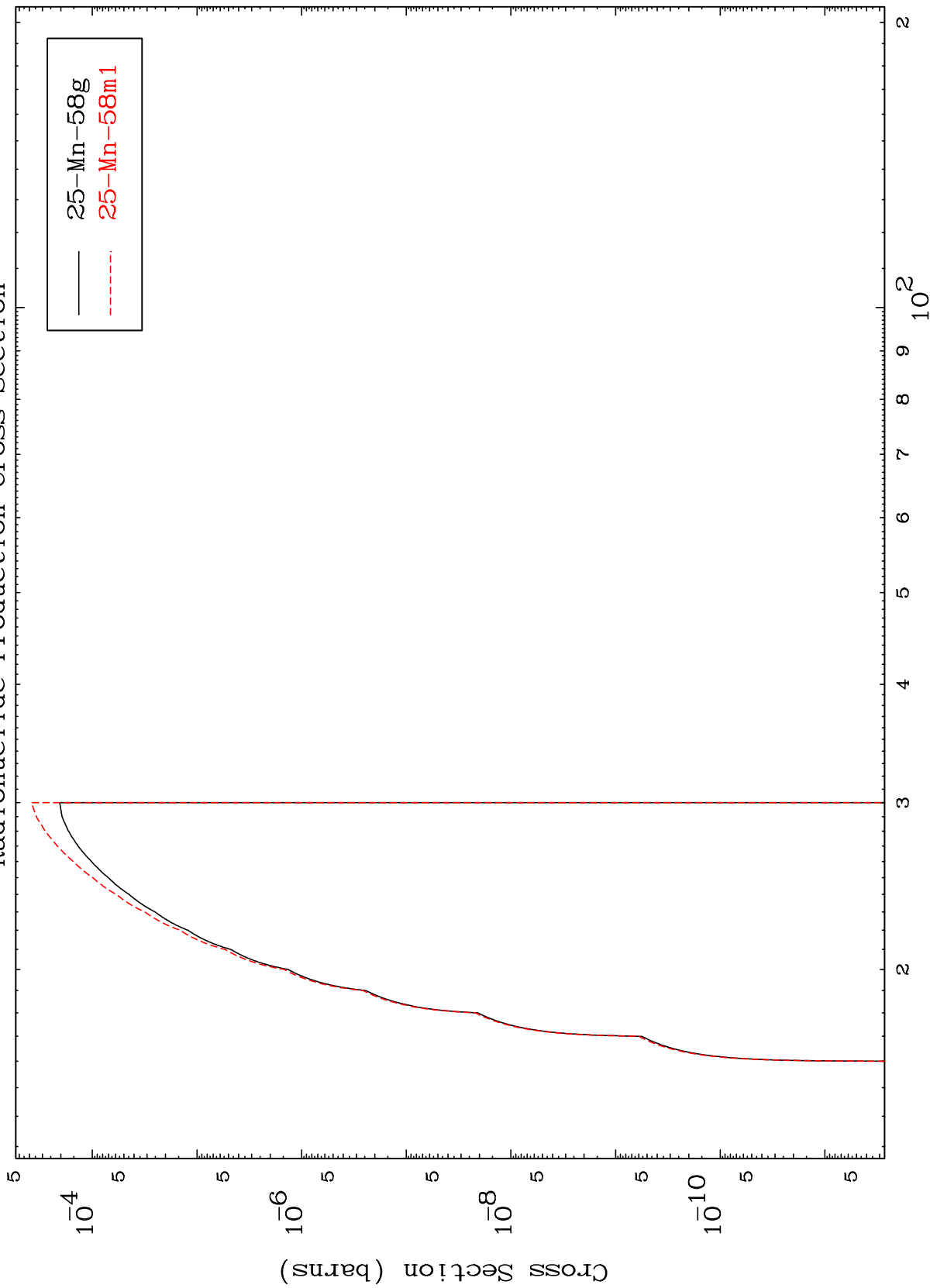
(n, γ)
Radionuclide Production Cross Section



MAT 2725

27-Co-59

(n,2p)
Radionuclide Production Cross Section



25-Mn-58g
25-Mn-58m1

110

Incident Energy (MeV)

27-Co-59