

Program EVALPLOT  
(Version 2018-1)

by

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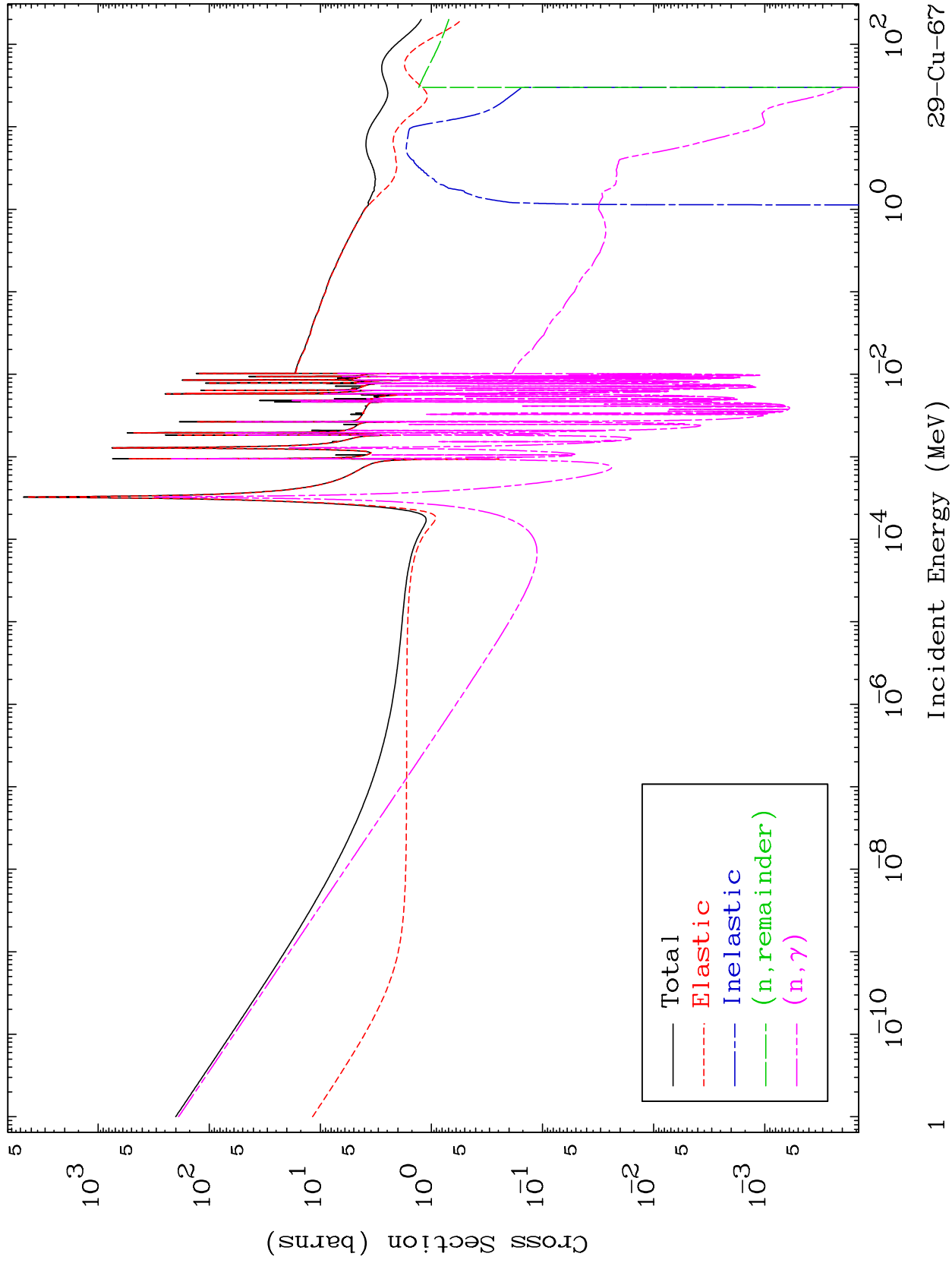
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2937

Major  
293 Kelvin Cross Sections

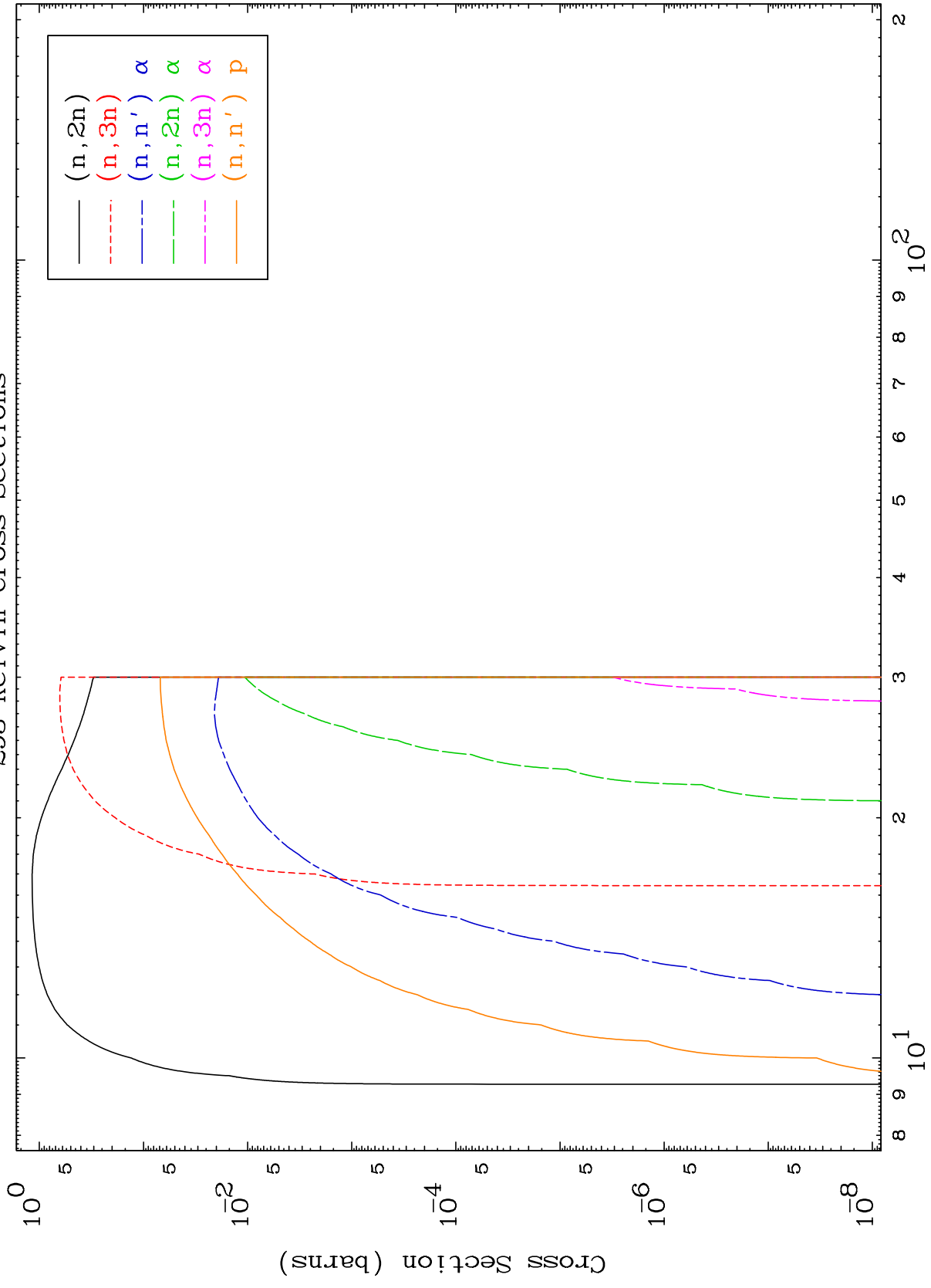
29-Cu-67



MAT 2937

Neutron Production  
293 Kelvin Cross Sections

29-Cu-67



2

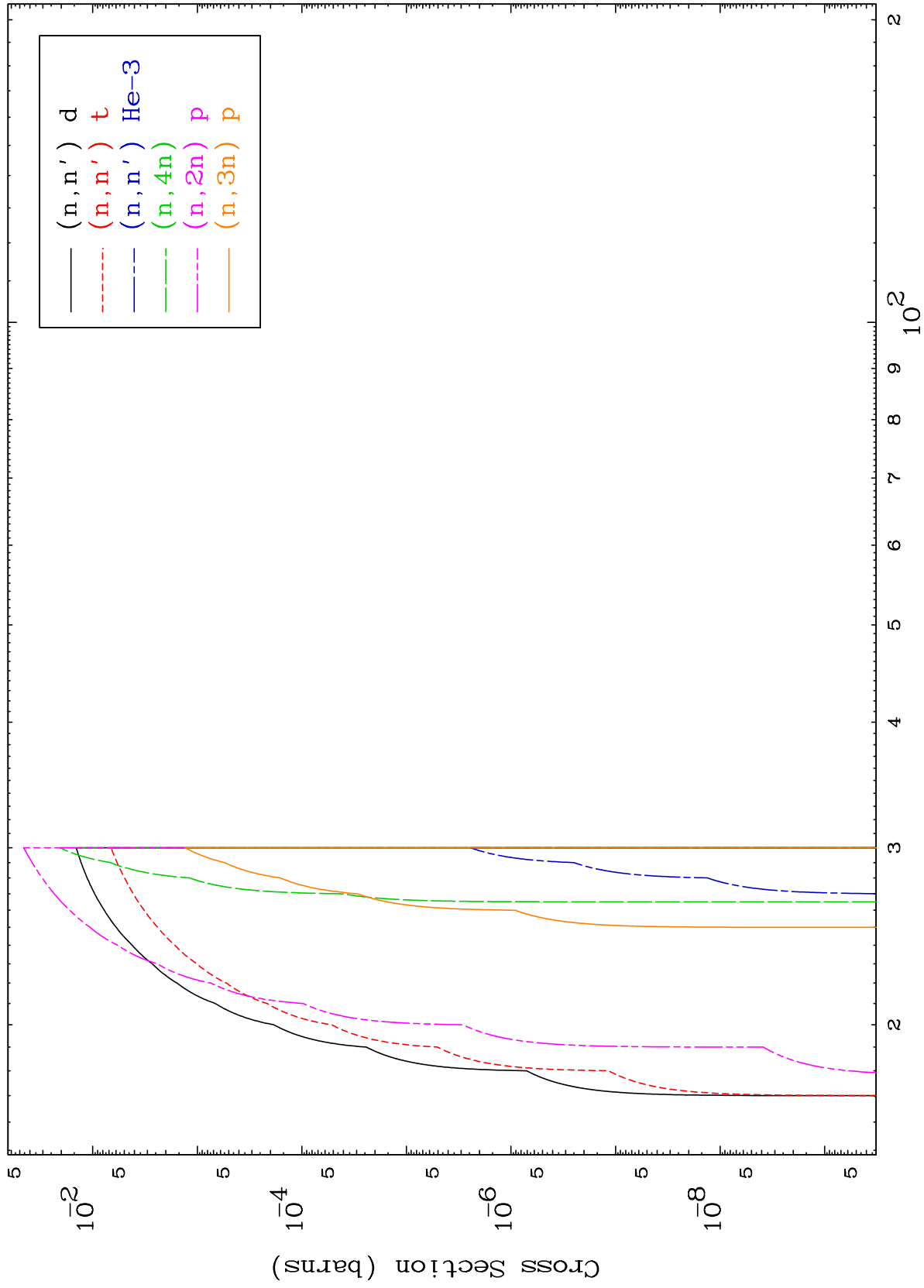
Incident Energy (MeV)

29-Cu-67

MAT 2937

### Neutron Production 293 Kelvin Cross Sections

29-Cu-67



3

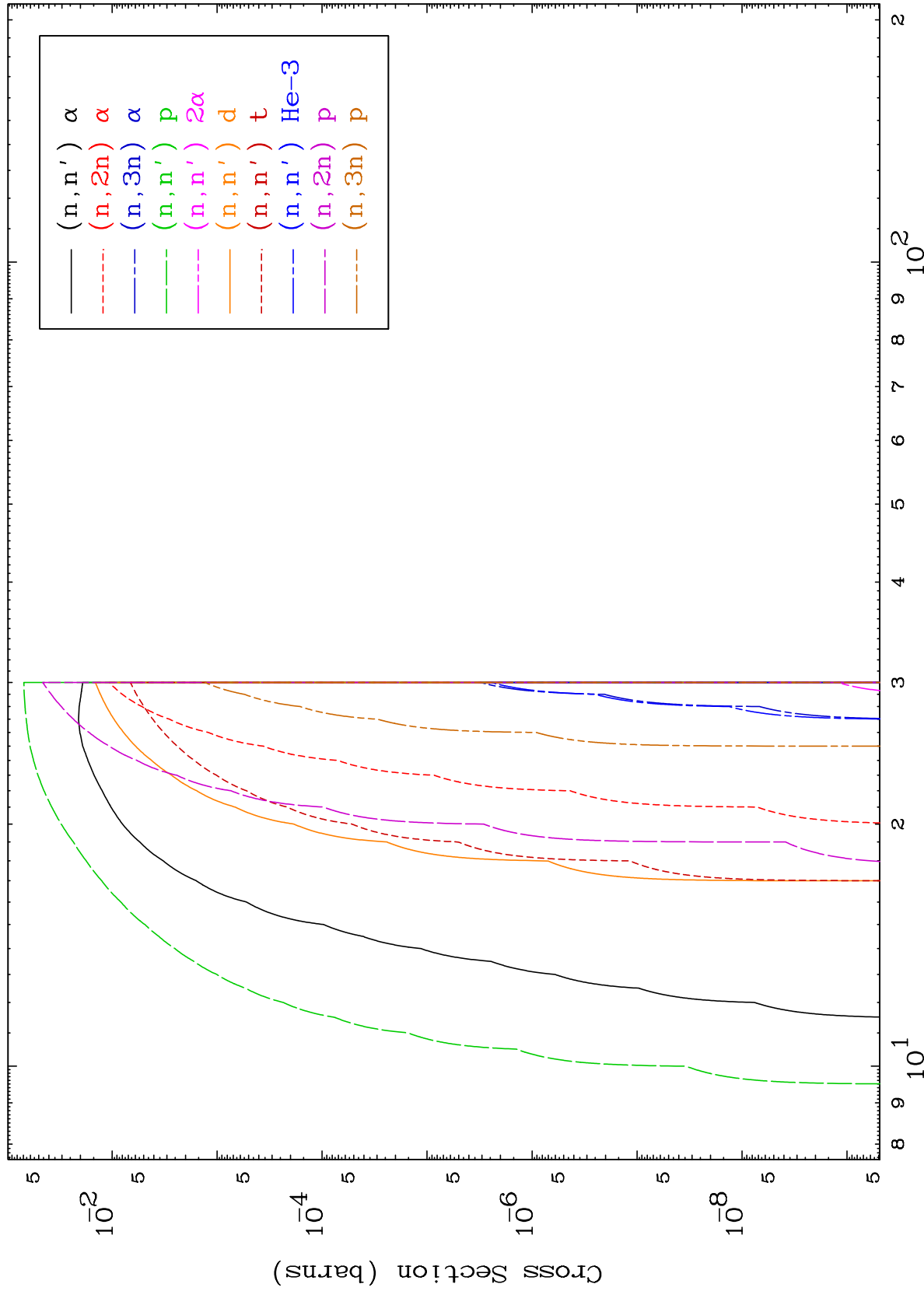
Incident Energy (MeV)

29-Cu-67

MAT 2937

Charged Particle  
293 Kelvin Cross Sections

29-Cu-67



4

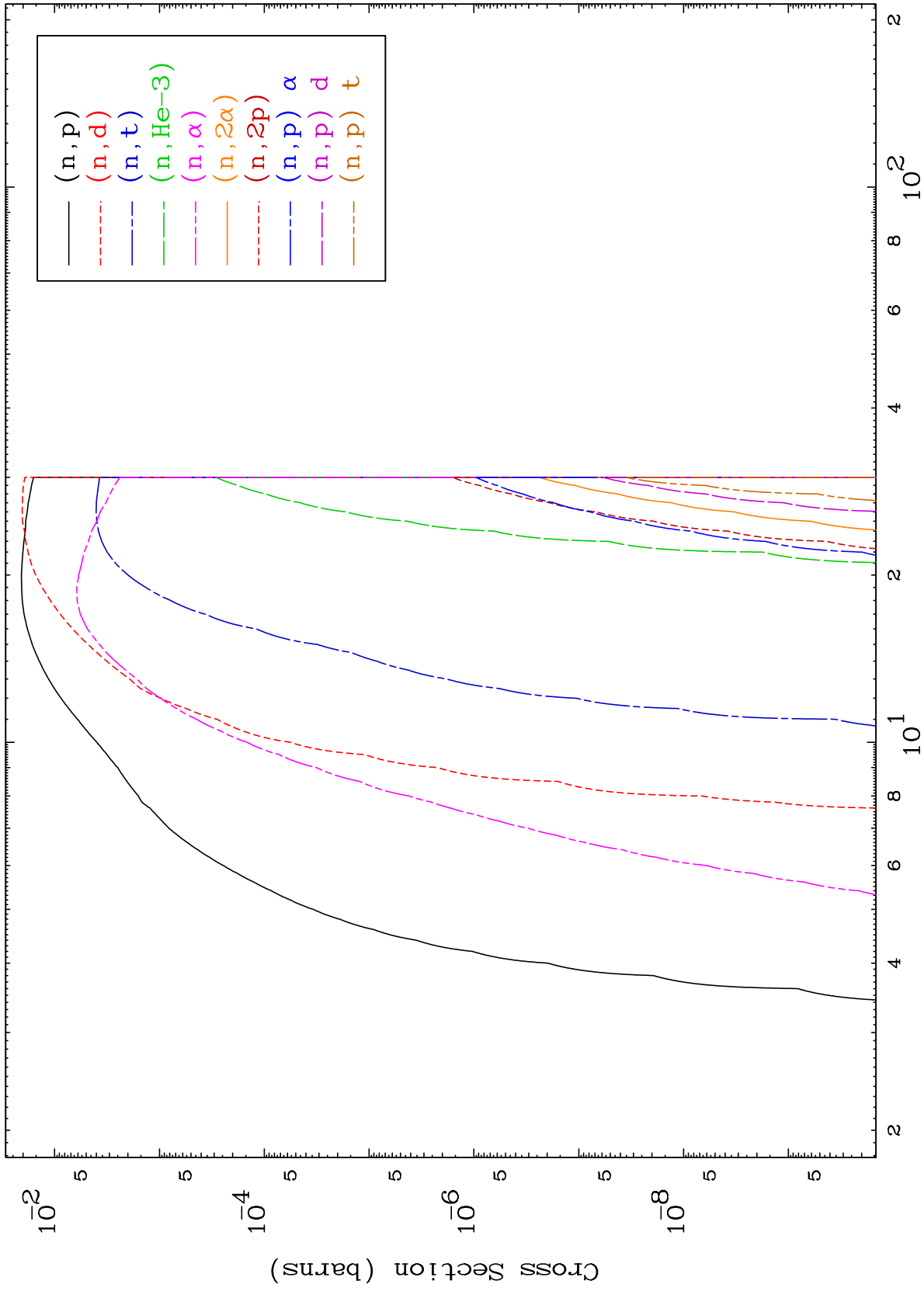
Incident Energy (MeV)

29-Cu-67

MAT 2937

Charged Particle  
293 Kelvin Cross Sections

29-Cu-67



5

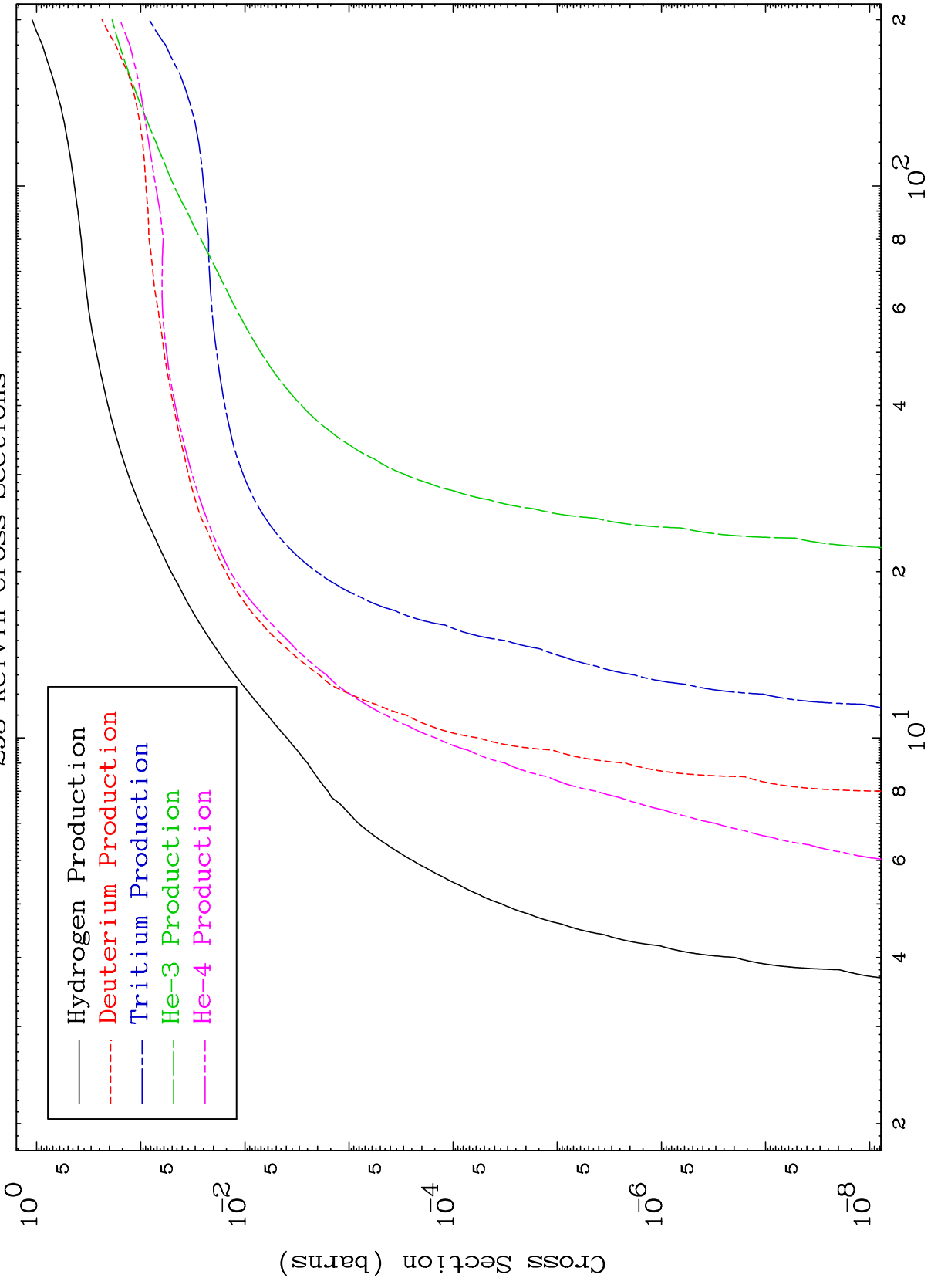
Incident Energy (MeV)

29-Cu-67

MAT 2937

Particle Production  
293 Kelvin Cross Sections

29-Cu-67



6

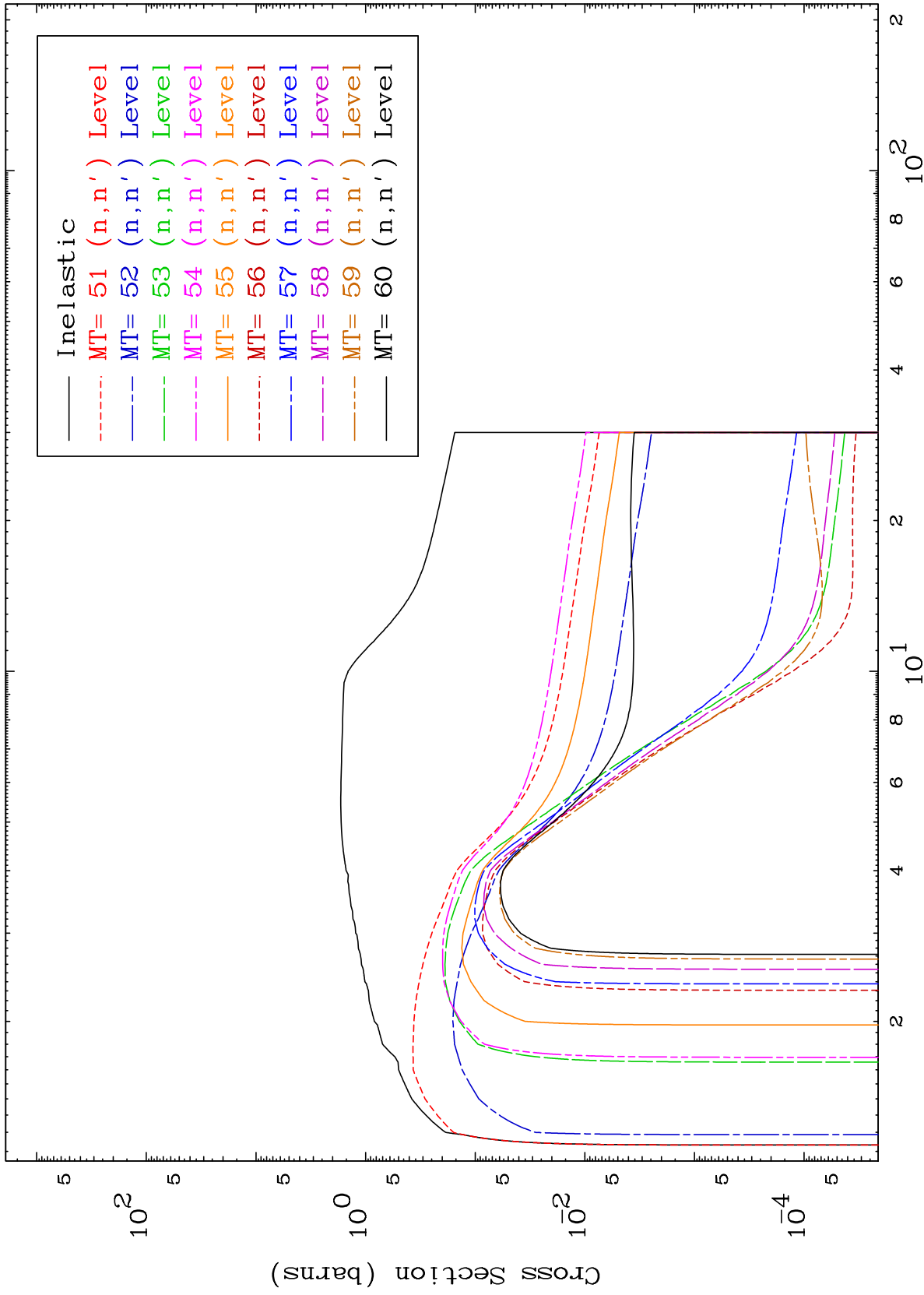
Incident Energy (MeV)

29-Cu-67

MAT 2937

(n,n') Level  
293 Kelvin Cross Sections

29-Cu-67



7

Incident Energy (MeV)

29-Cu-67

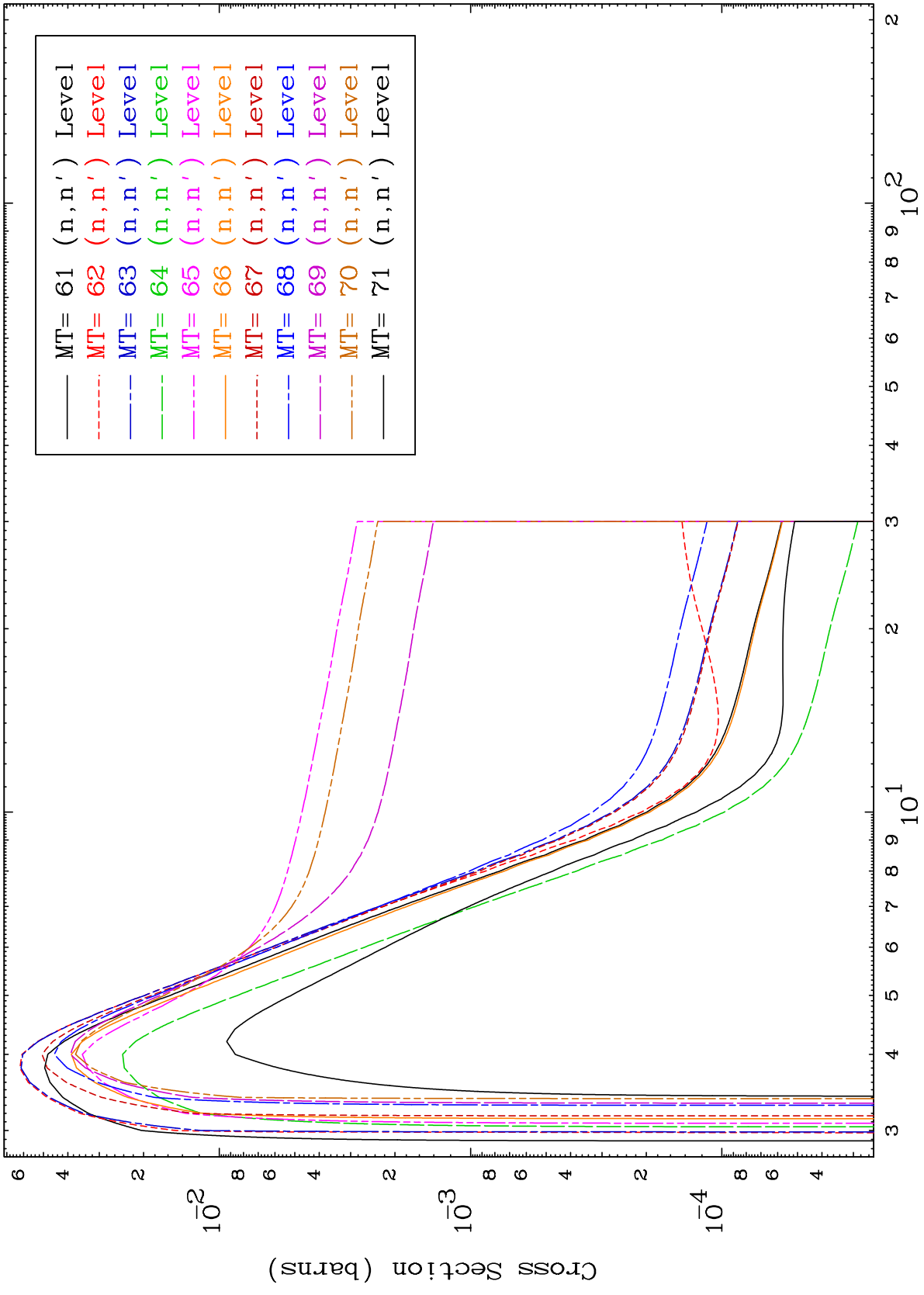


MAT 2937

(n,n') Level

293 Kelvin Cross Sections

29-Cu-67



8

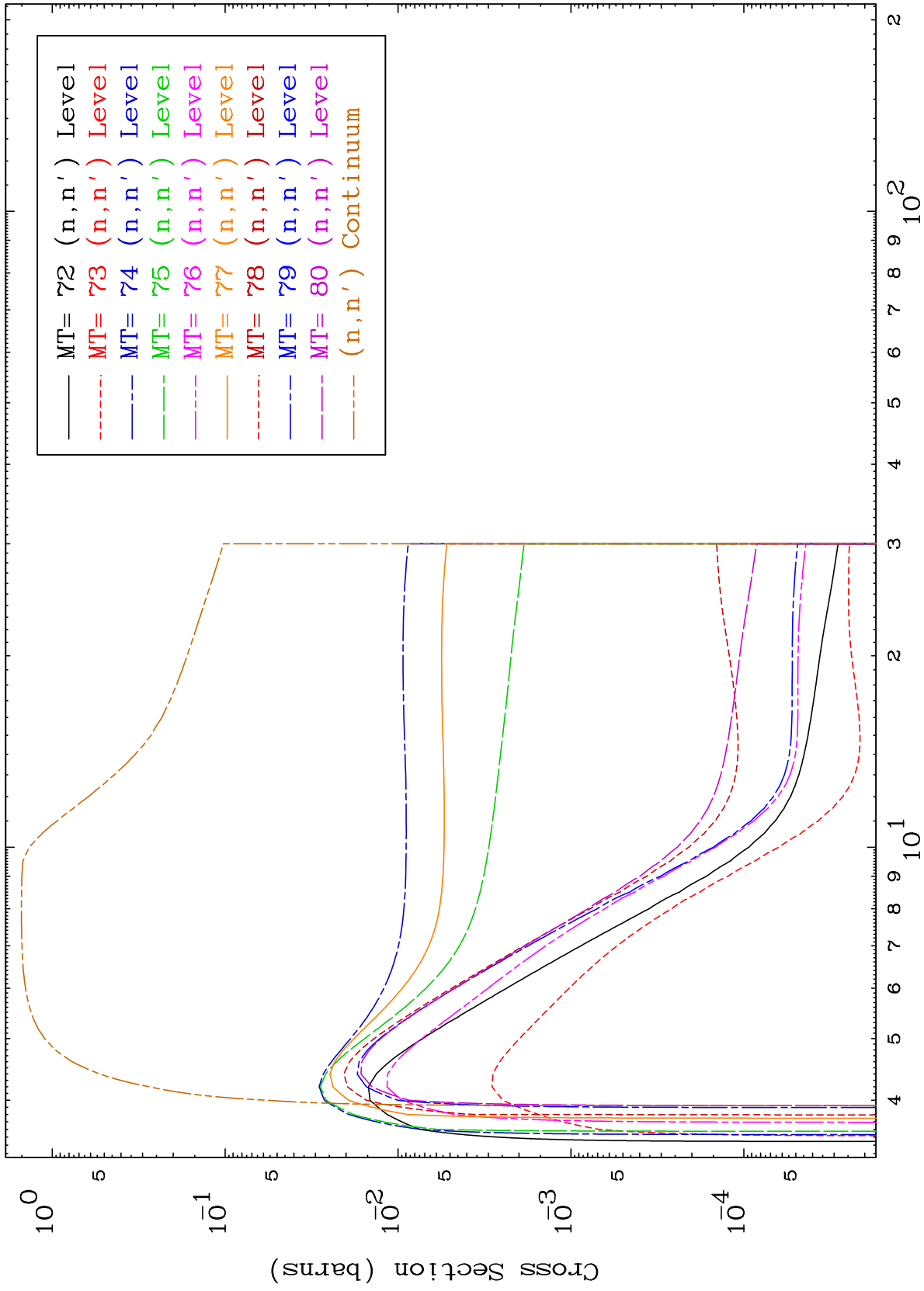
Incident Energy (MeV)

29-Cu-67

MAT 2937

(n,n') Level  
293 Kelvin Cross Sections

29-Cu-67



9

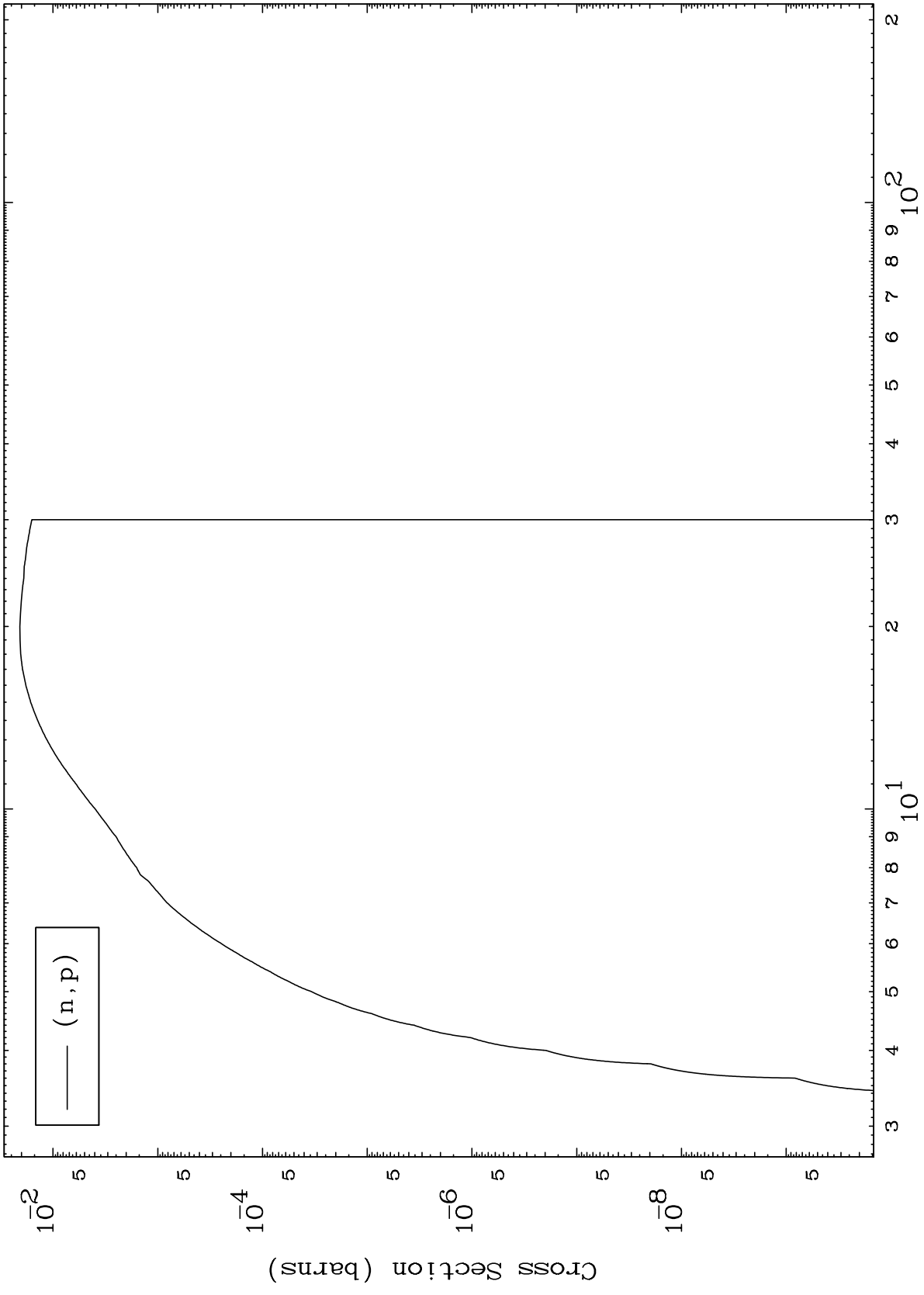
Incident Energy (MeV)

29-Cu-67

MAT 2937

(n,p) Levels  
293 Kelvin Cross Sections

29-Cu-67



(n,p)

10

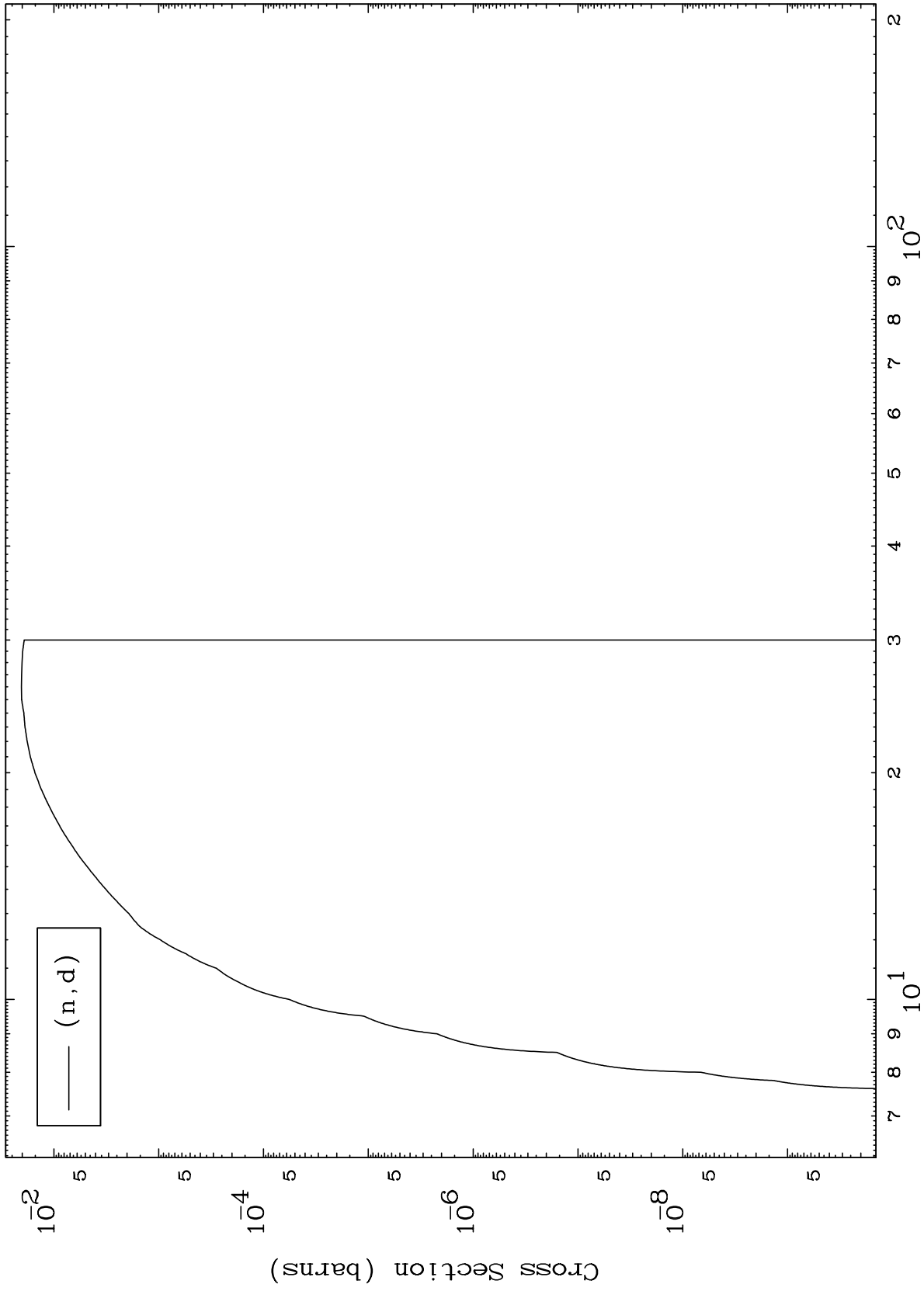
Incident Energy (MeV)

29-Cu-67

MAT 2937

(n,d) Levels  
293 Kelvin Cross Sections

29-Cu-67



11

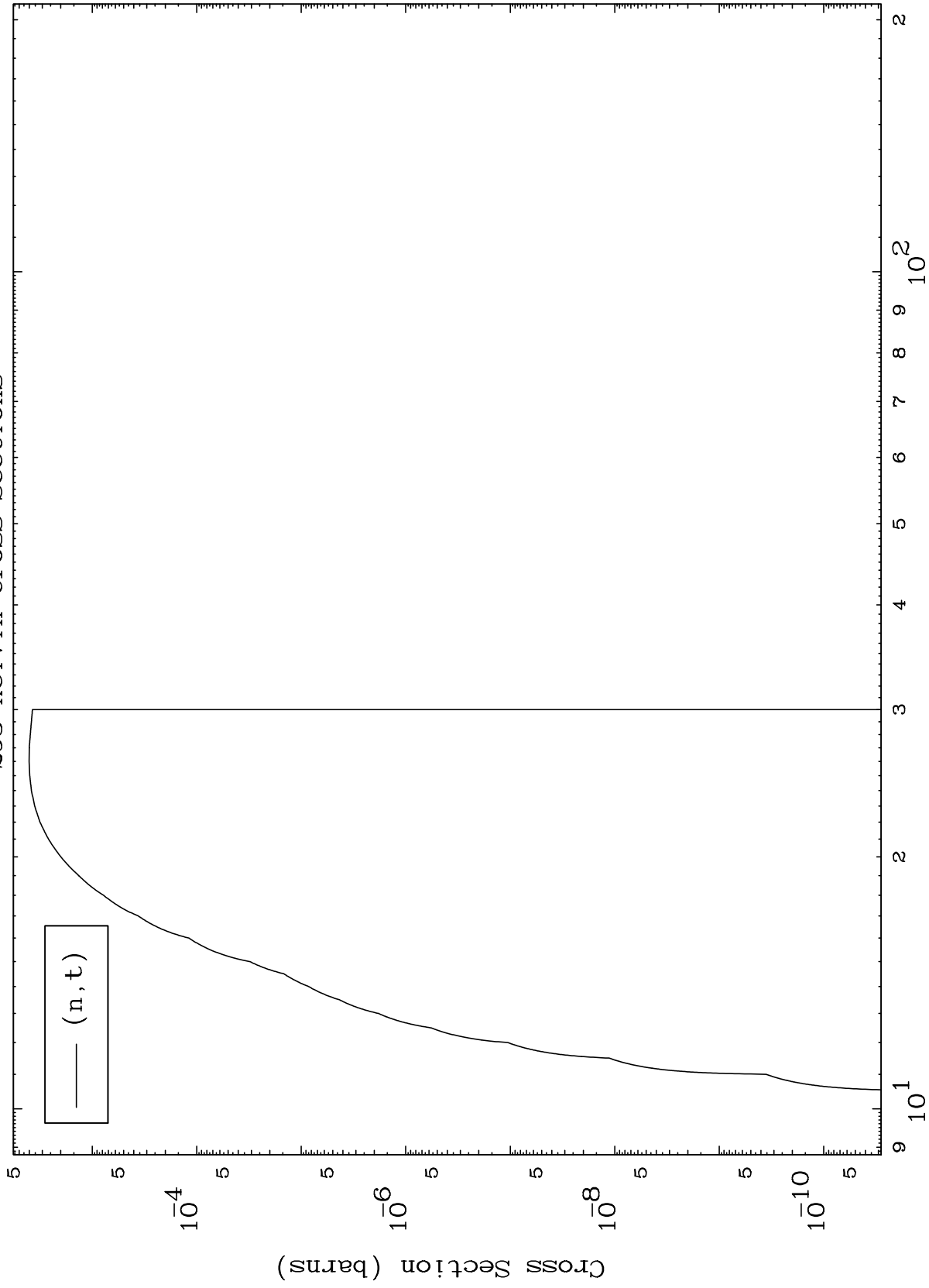
Incident Energy (MeV)

29-Cu-67

MAT 2937

(n,t) Levels  
293 Kelvin Cross Sections

29-Cu-67



12

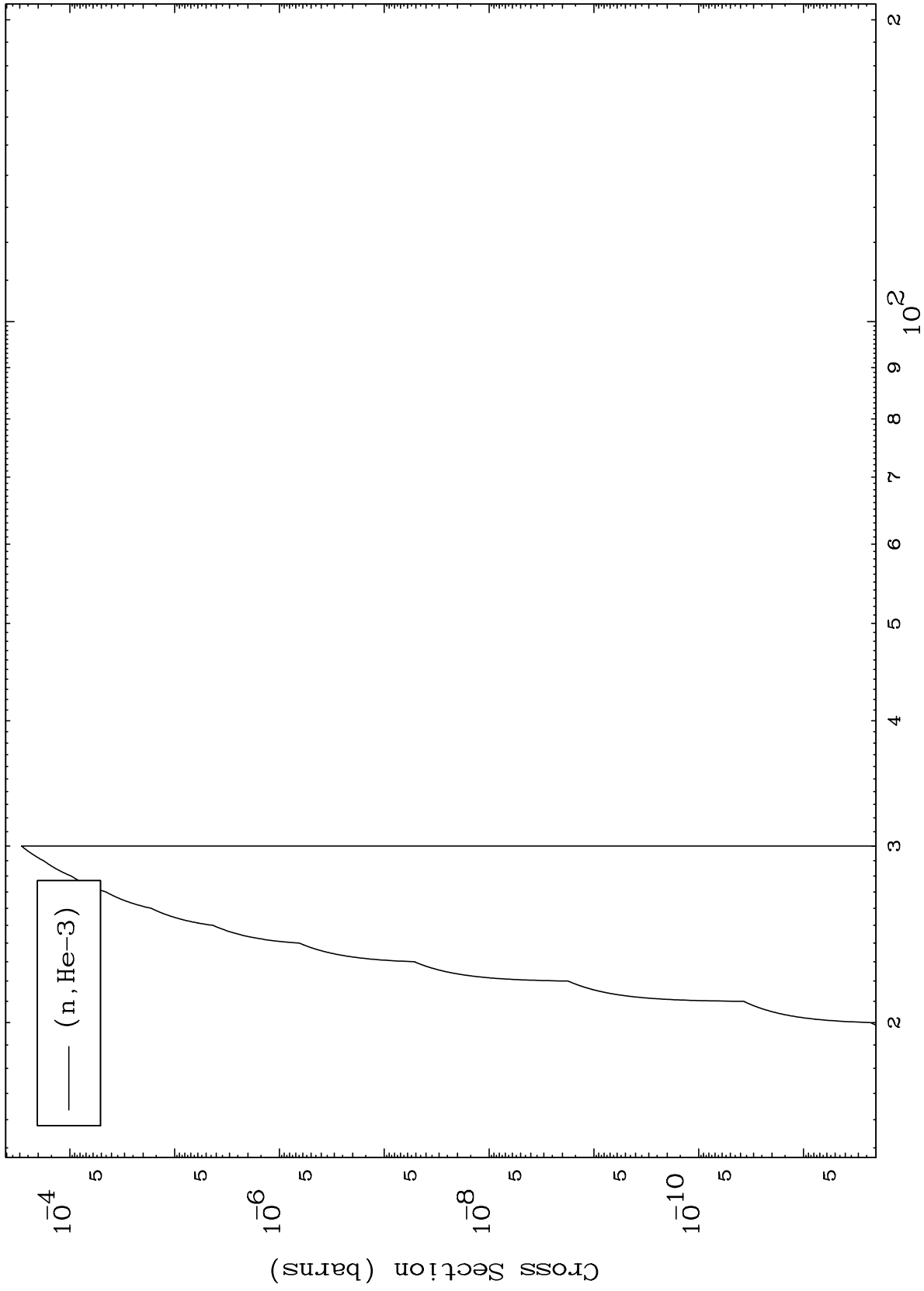
Incident Energy (MeV)

29-Cu-67

MAT 2937

(n,He3) Levels  
293 Kelvin Cross Sections

29-Cu-67



13

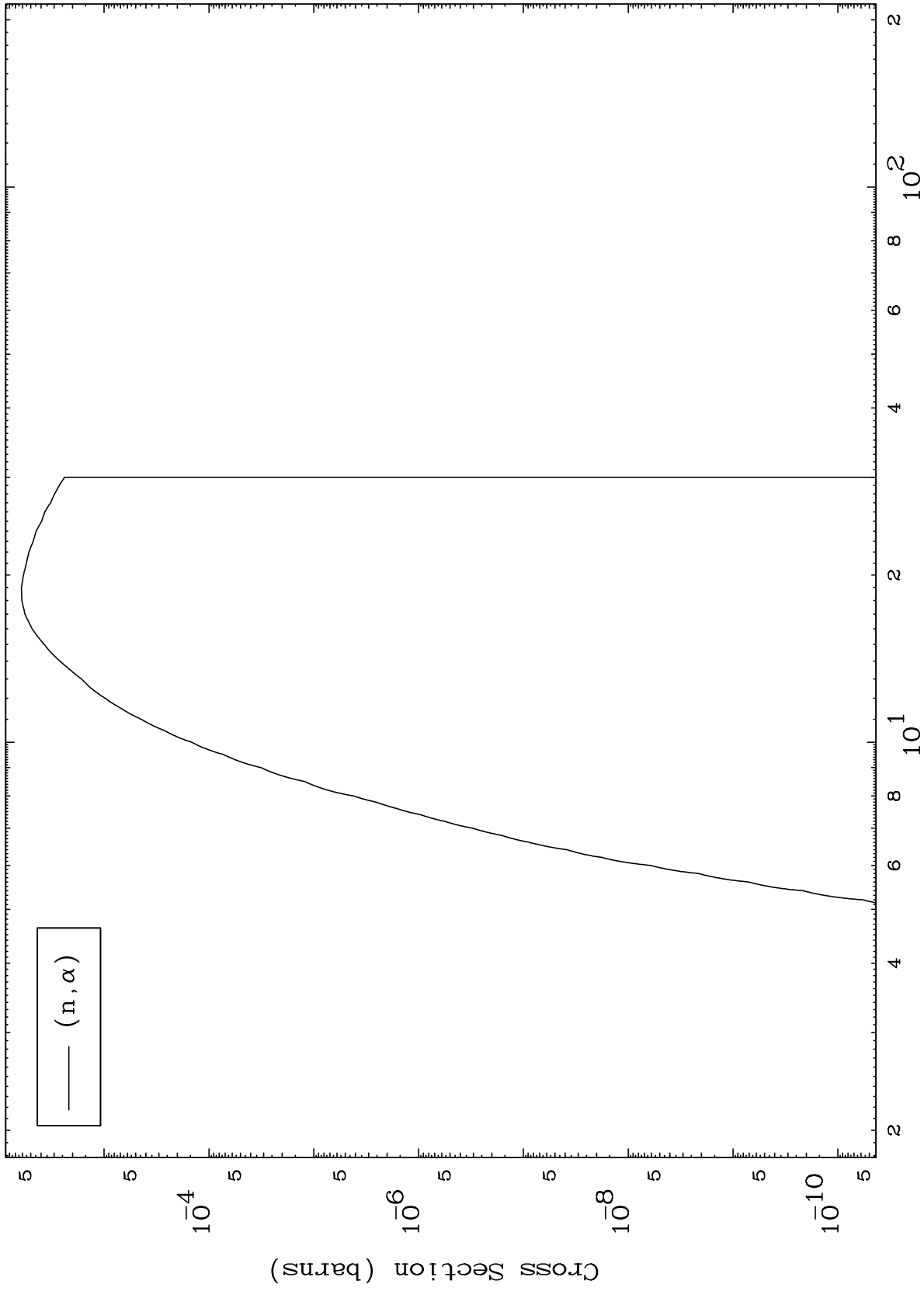
Incident Energy (MeV)

29-Cu-67

MAT 2937

(n,α) Levels  
293 Kelvin Cross Sections

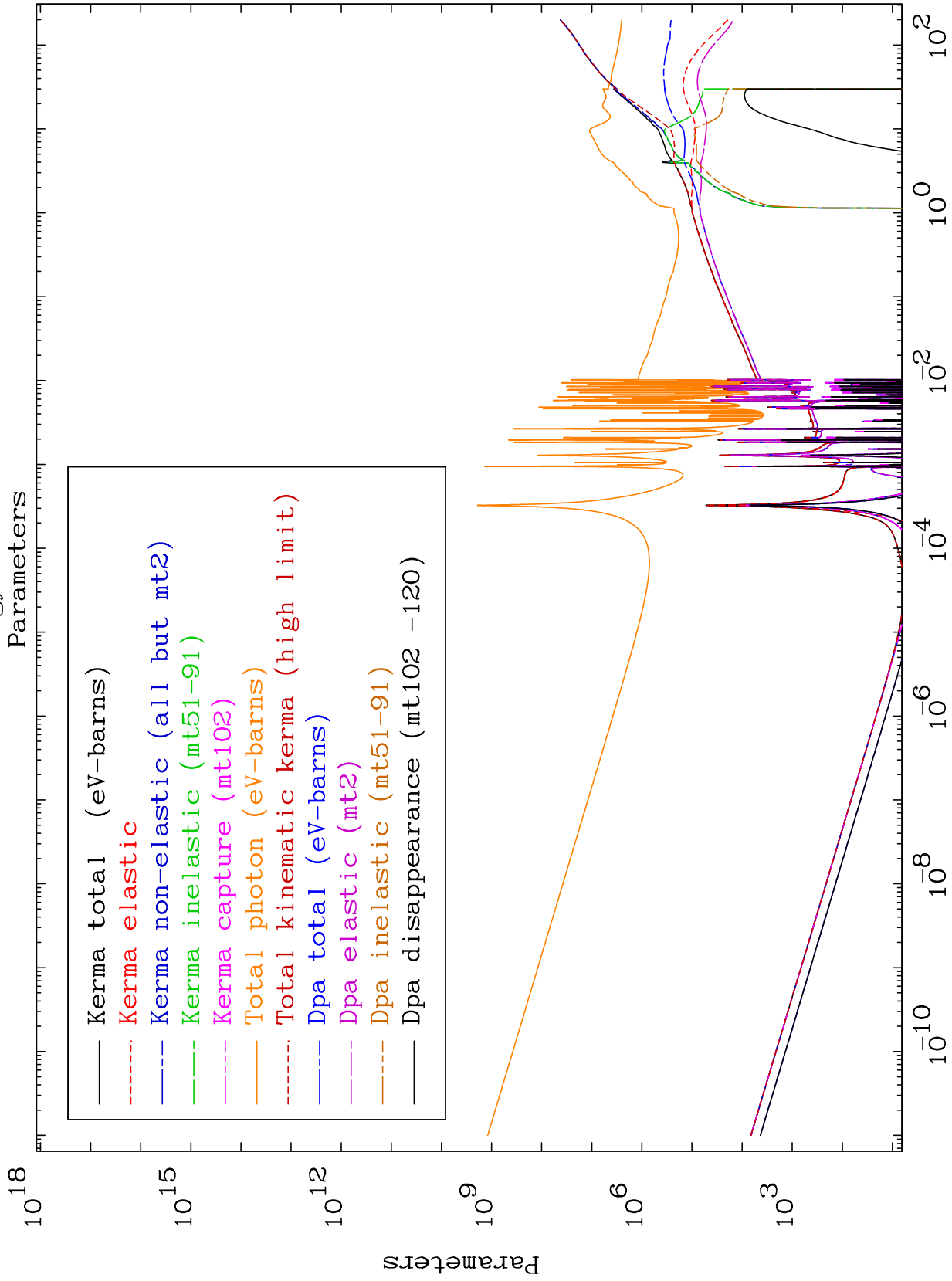
29-Cu-67



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Incident Energy (MeV)

29-Cu-67

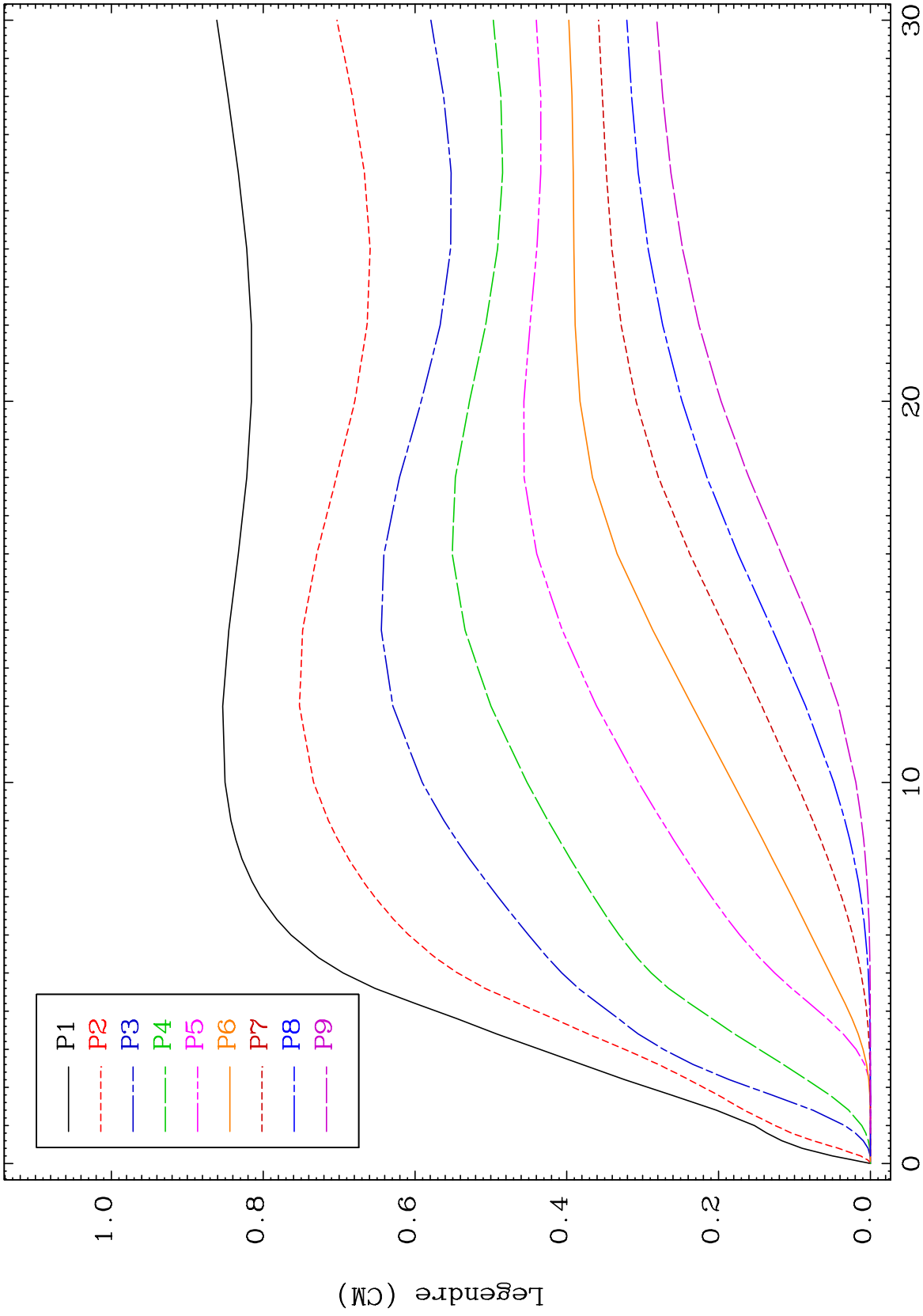




MAT 2937

Elastic Legendre Coefficients

29-Cu-67



16

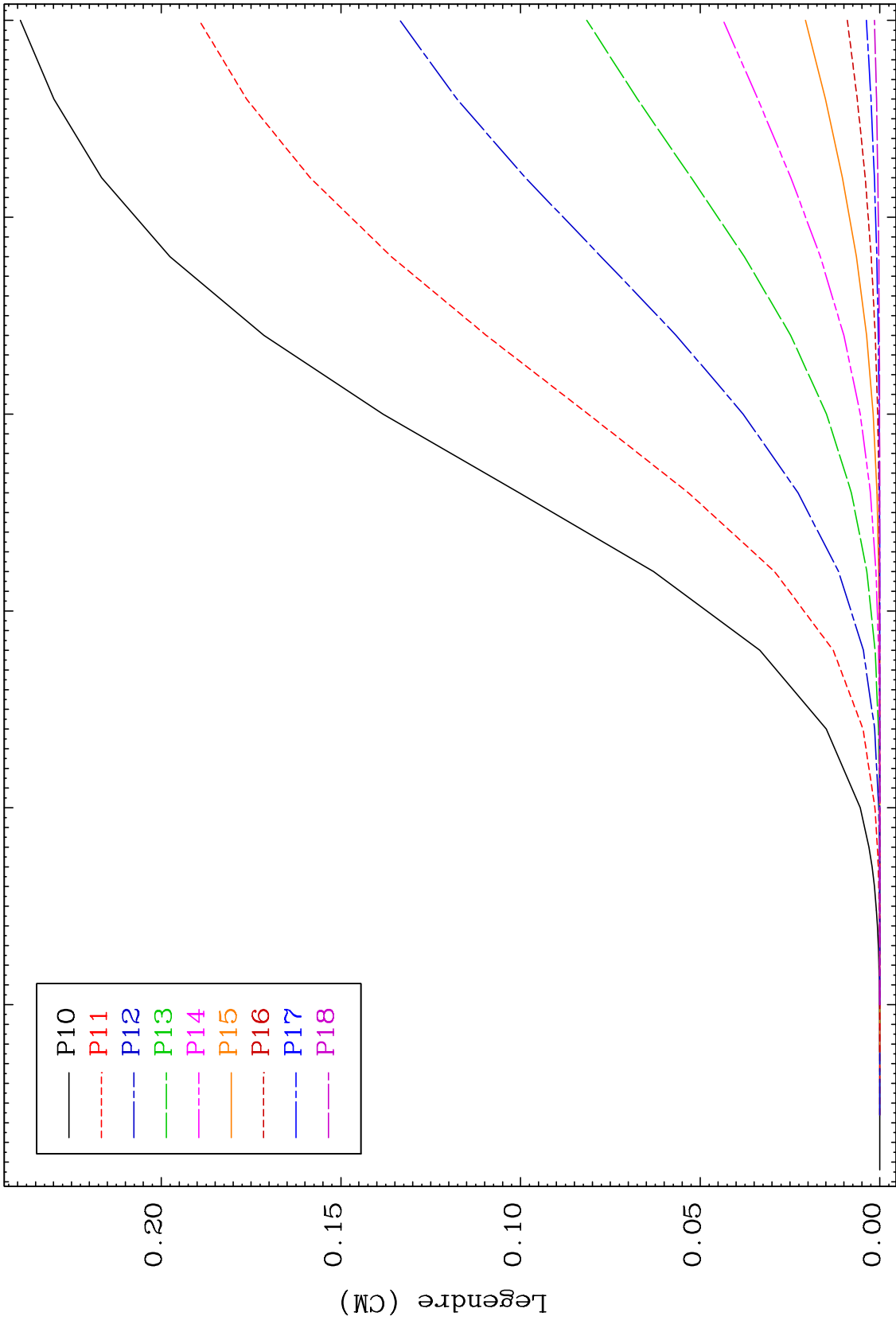
Incident Energy (MeV)

29-Cu-67

MAT 2937

Elastic Legendre Coefficients

29-Cu-67



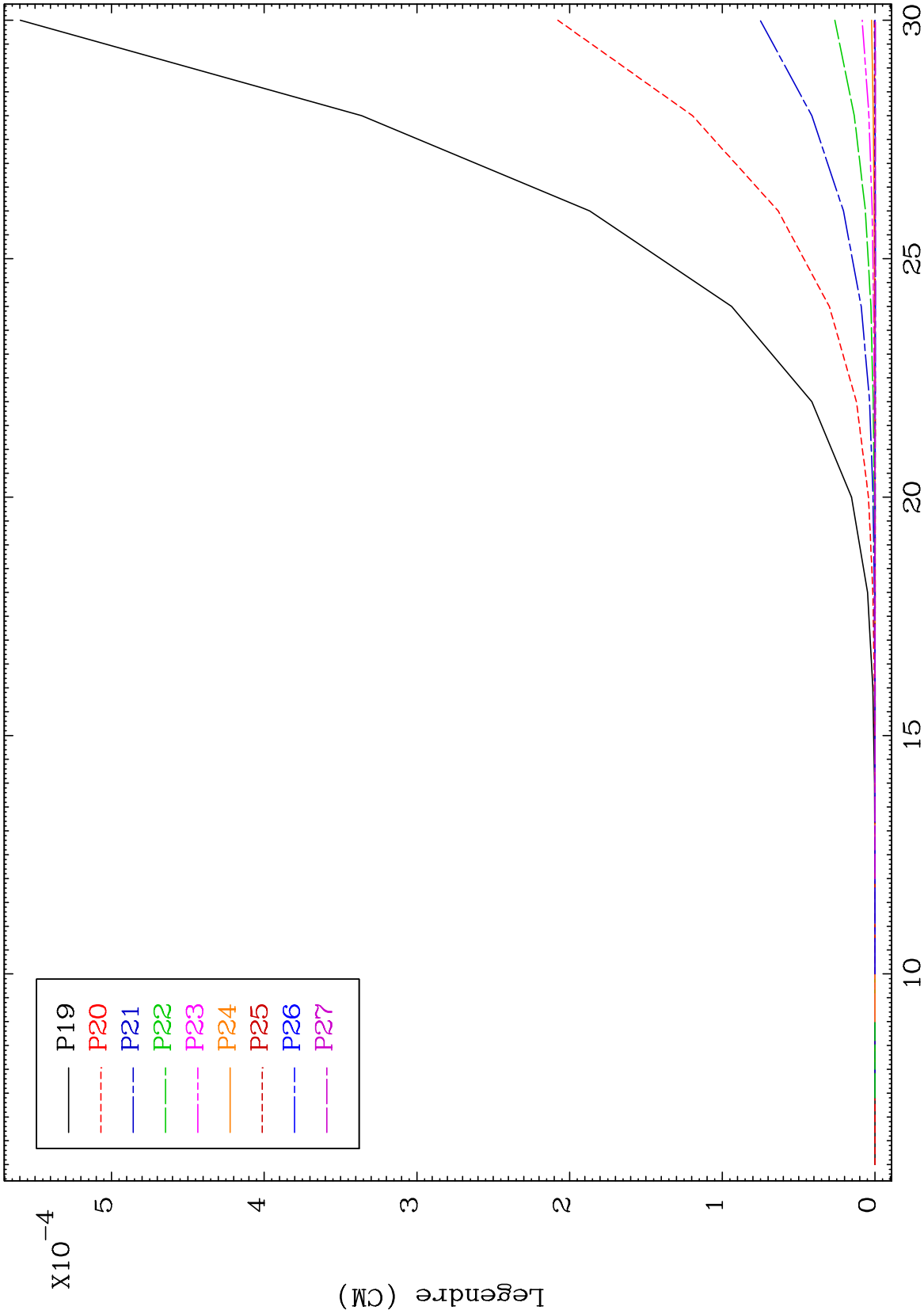
17

29-Cu-67

MAT 2937

### Elastic Legendre Coefficients

29-Cu-67



18

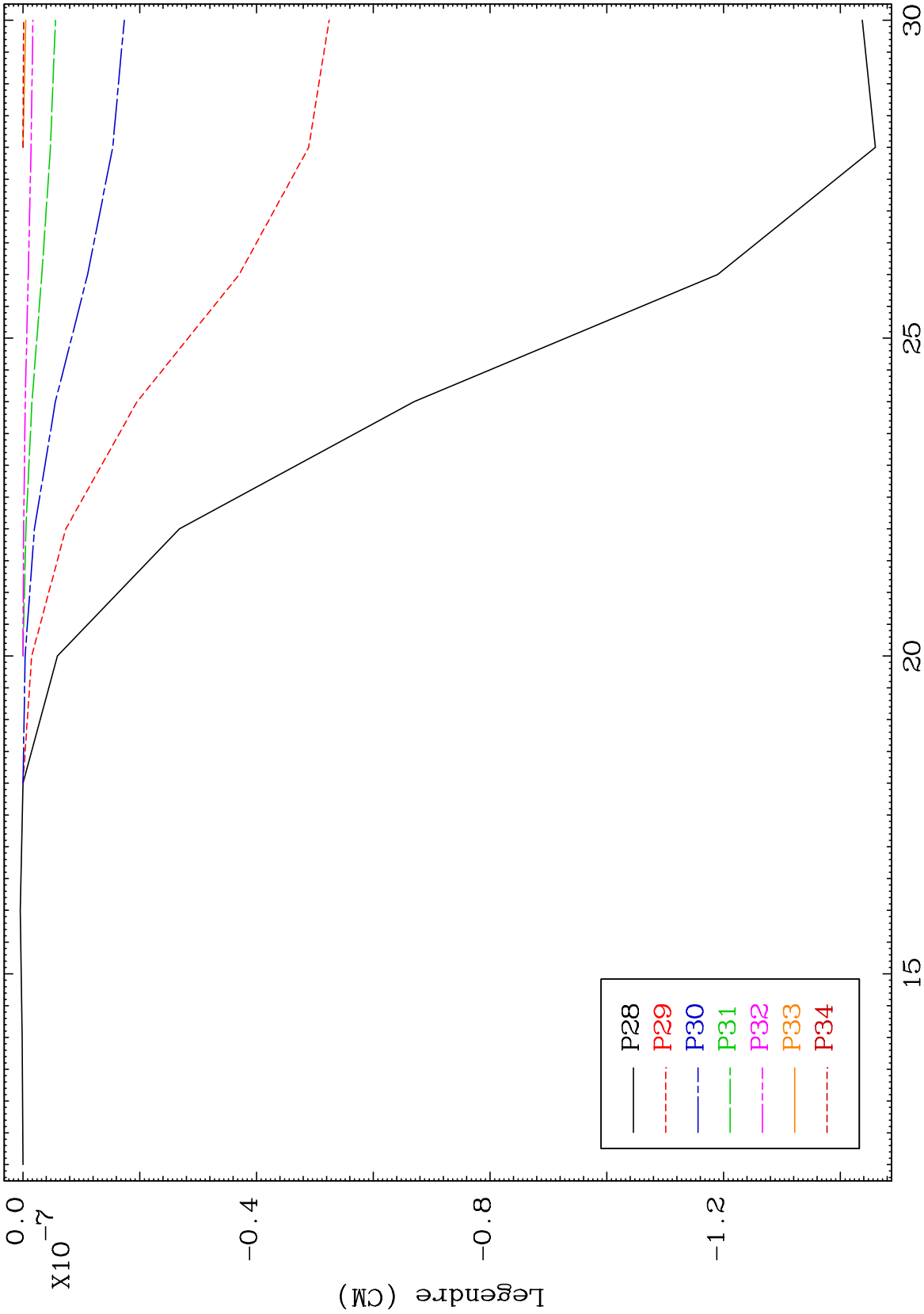
Incident Energy (MeV)

29-Cu-67

MAT 2937

Elastic Legendre Coefficients

29-Cu-67



19

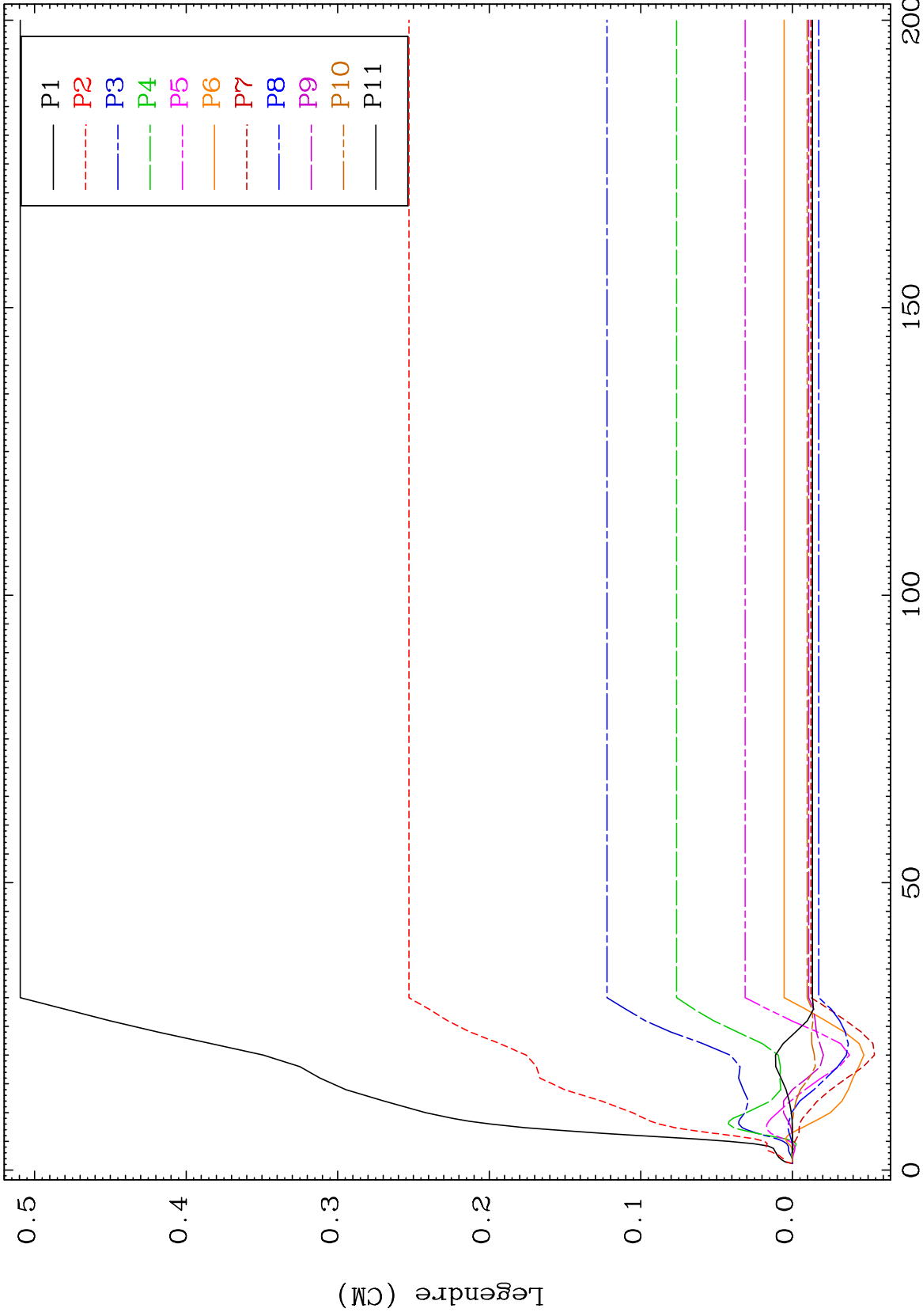
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



29-Cu-67

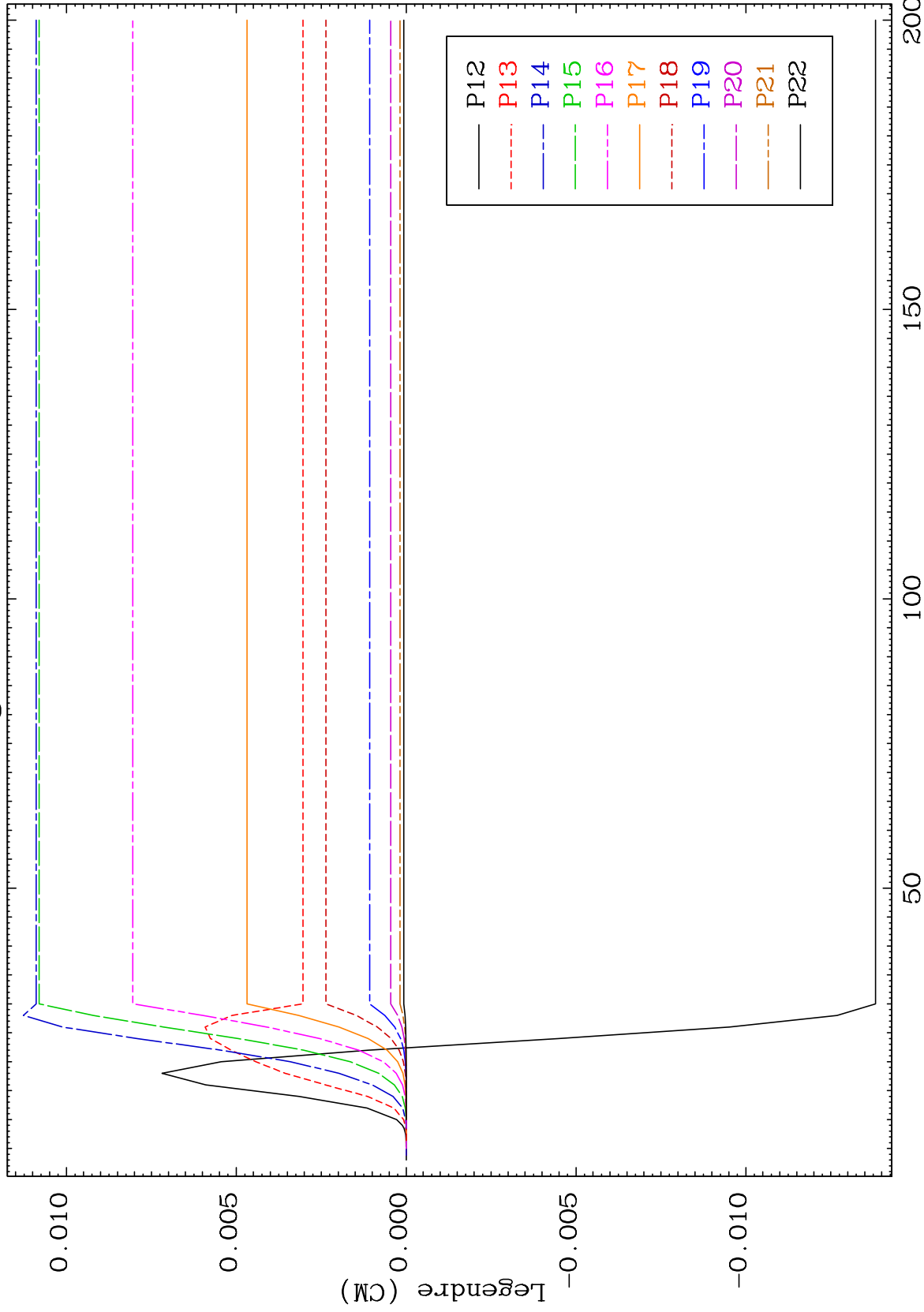
Incident Energy (MeV)

Legendre (CM)

MAT 2937

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

29-Cu-67



21

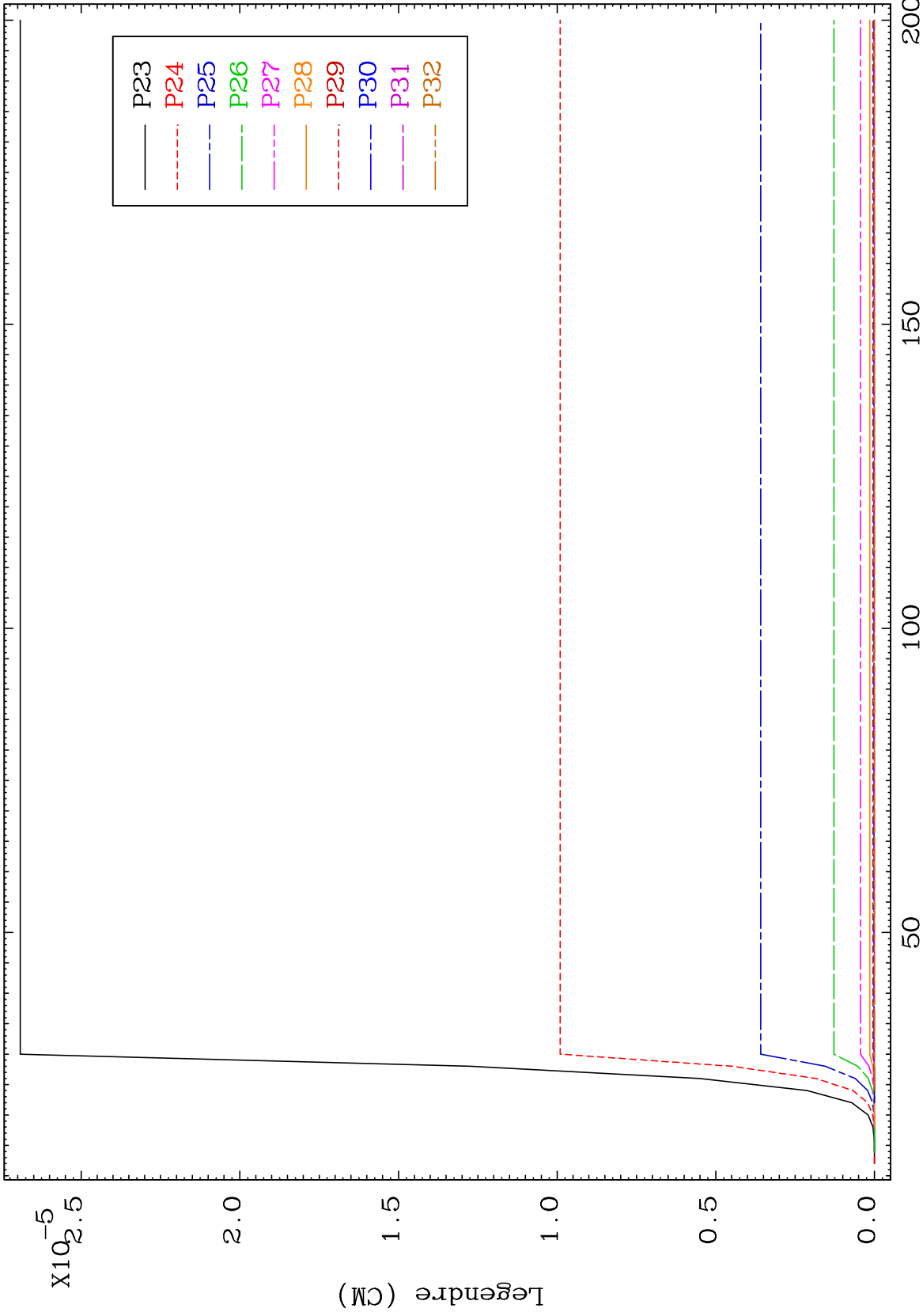
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



22

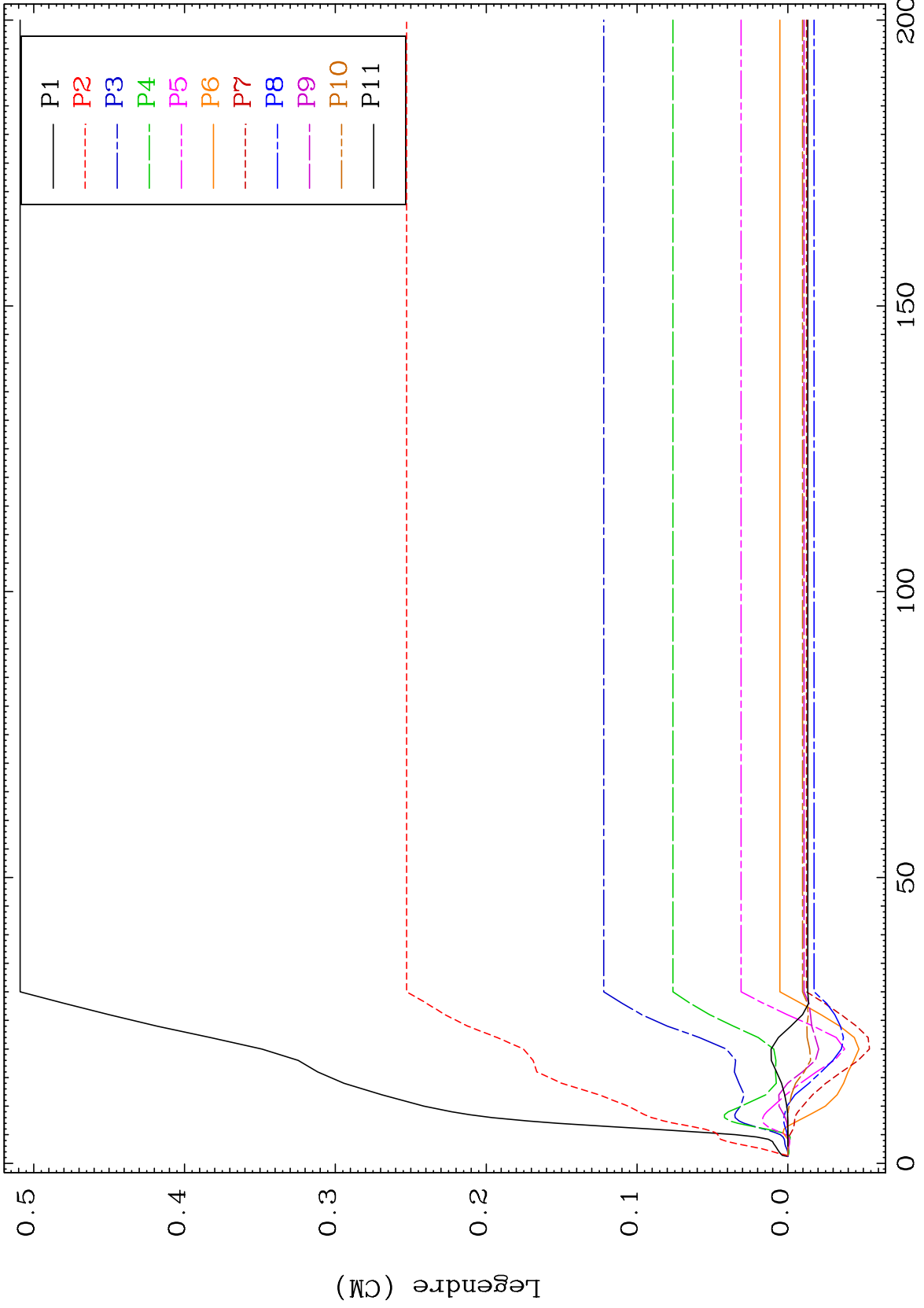
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



23

Incident Energy (MeV)

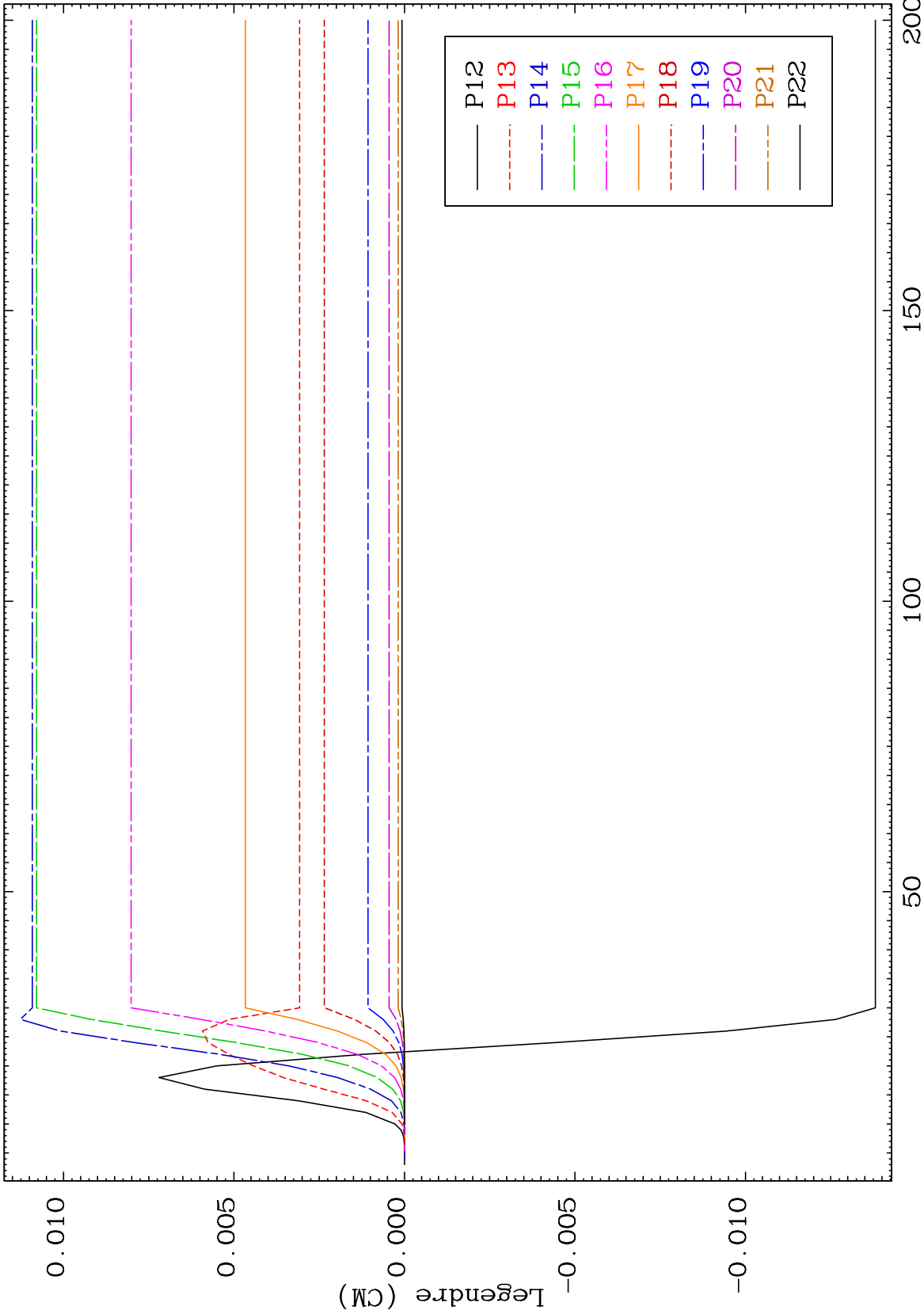
29-Cu-67



MAT 2937

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

29-Cu-67



24

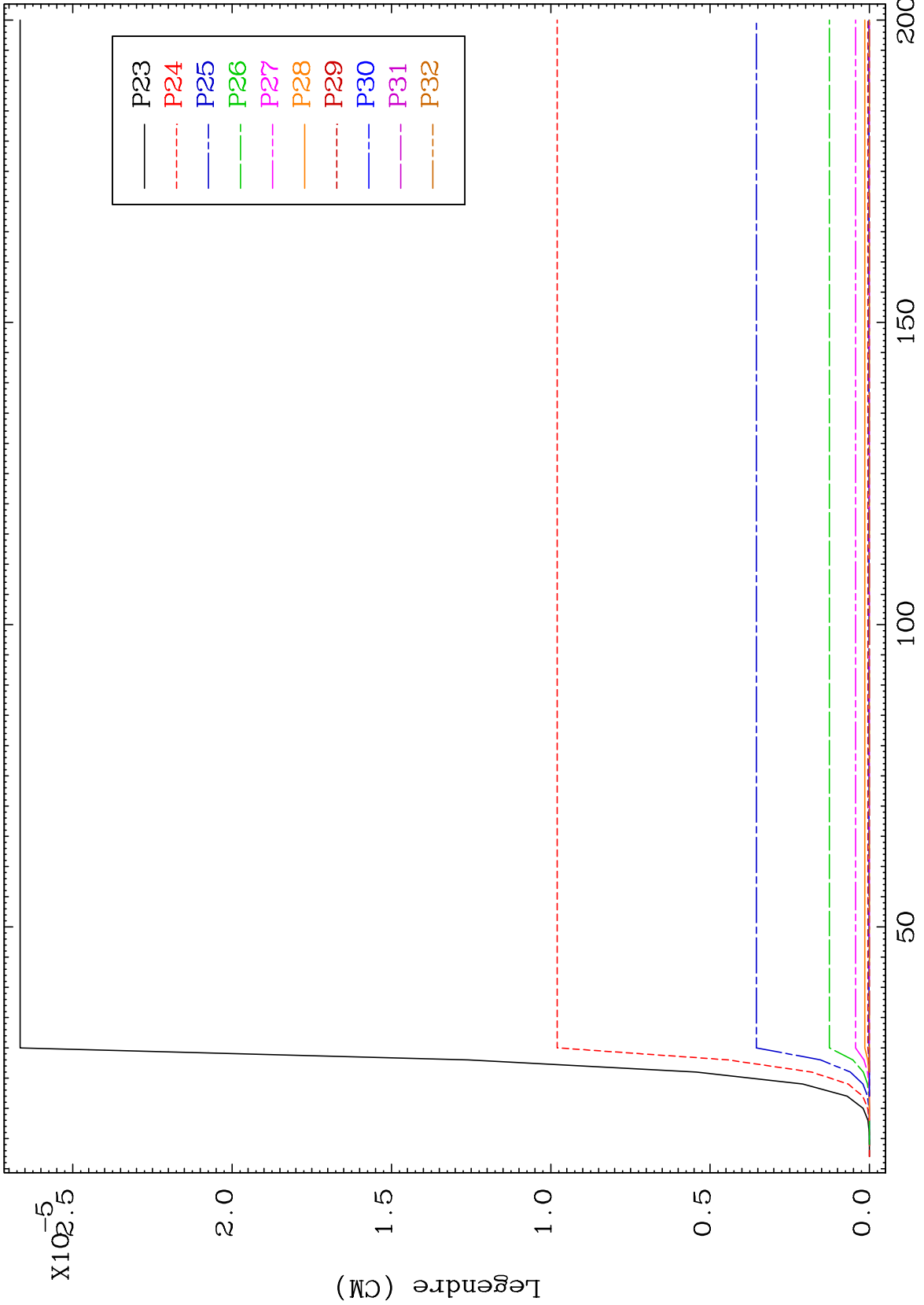
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



25

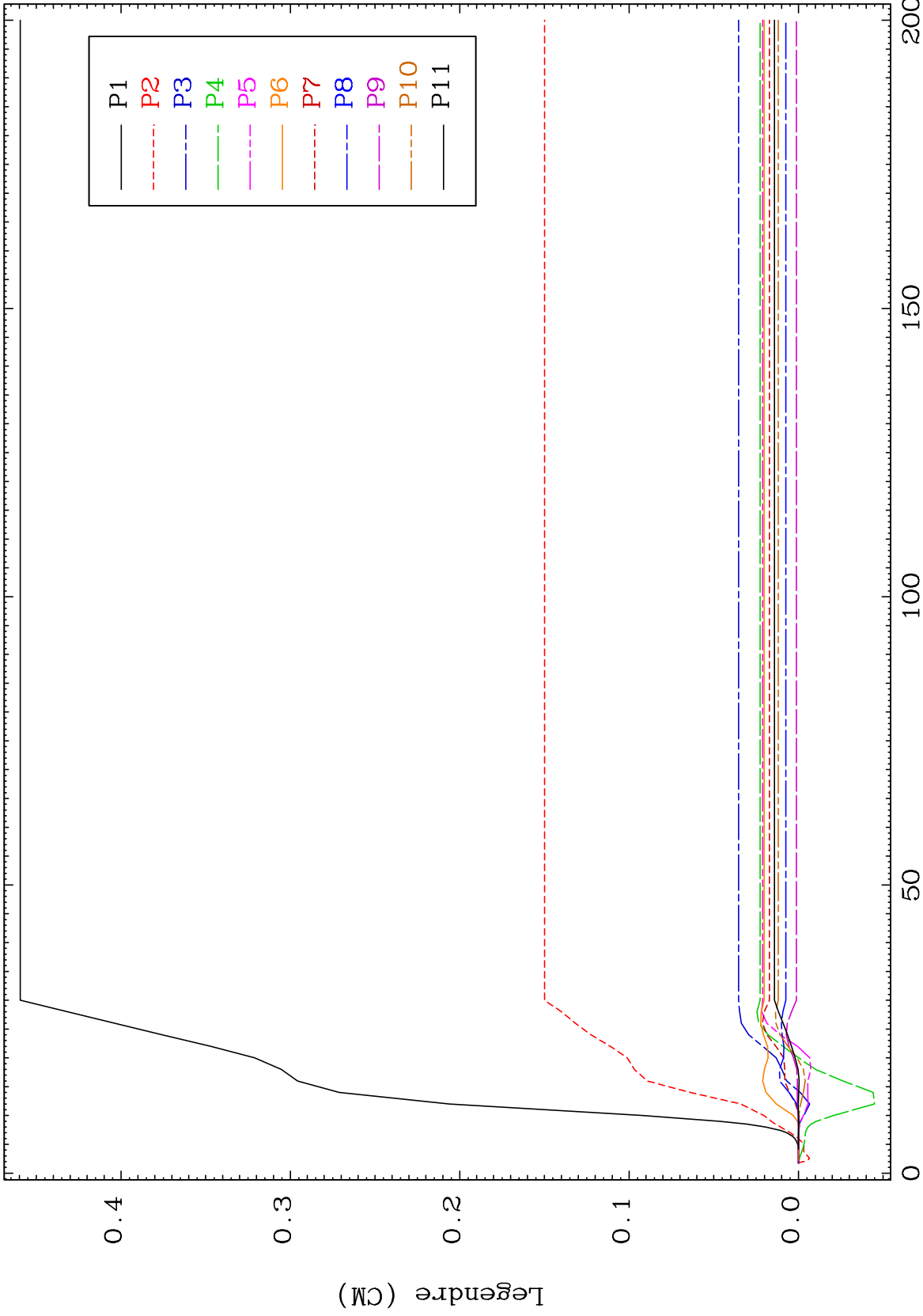
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



26

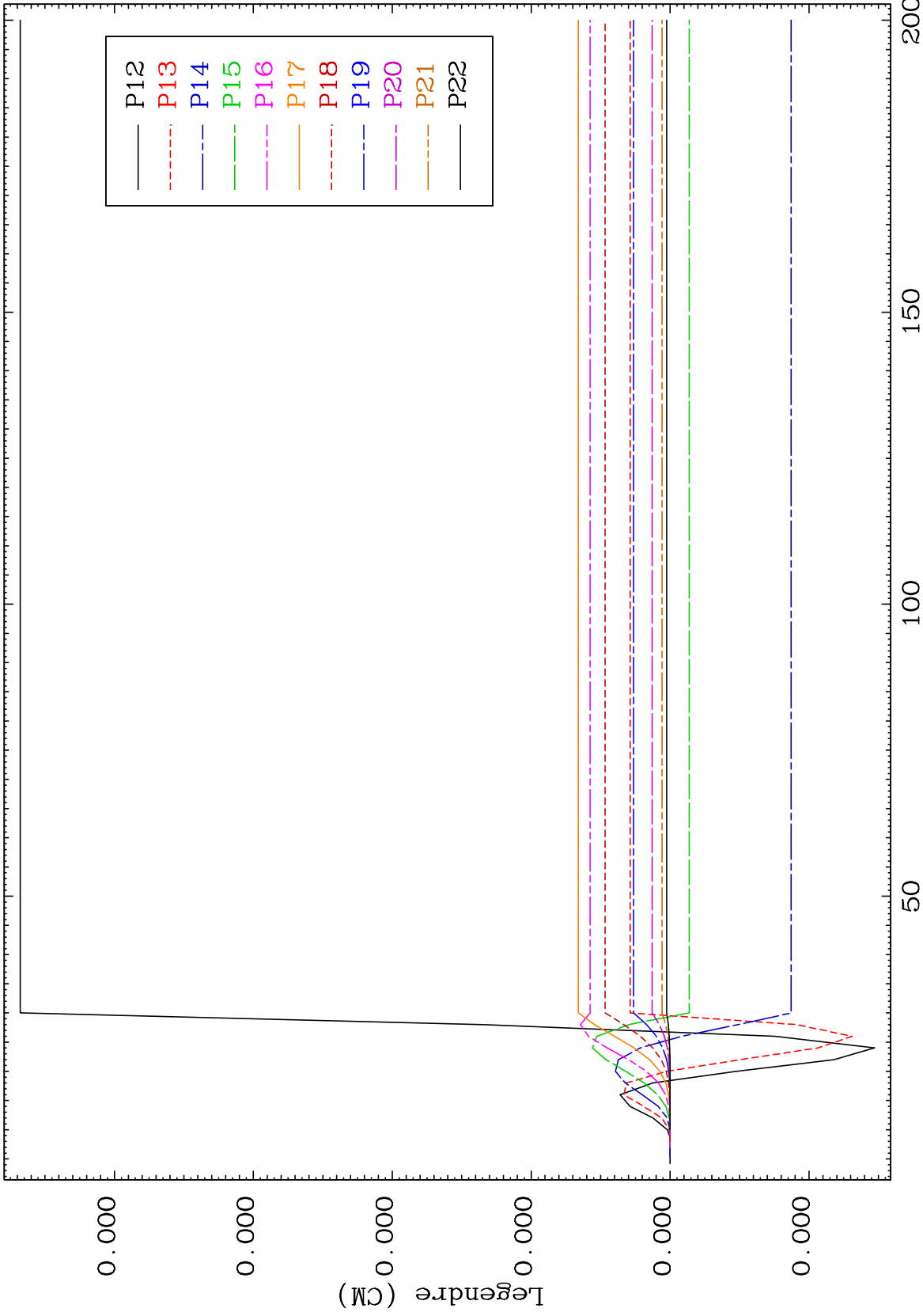
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



27

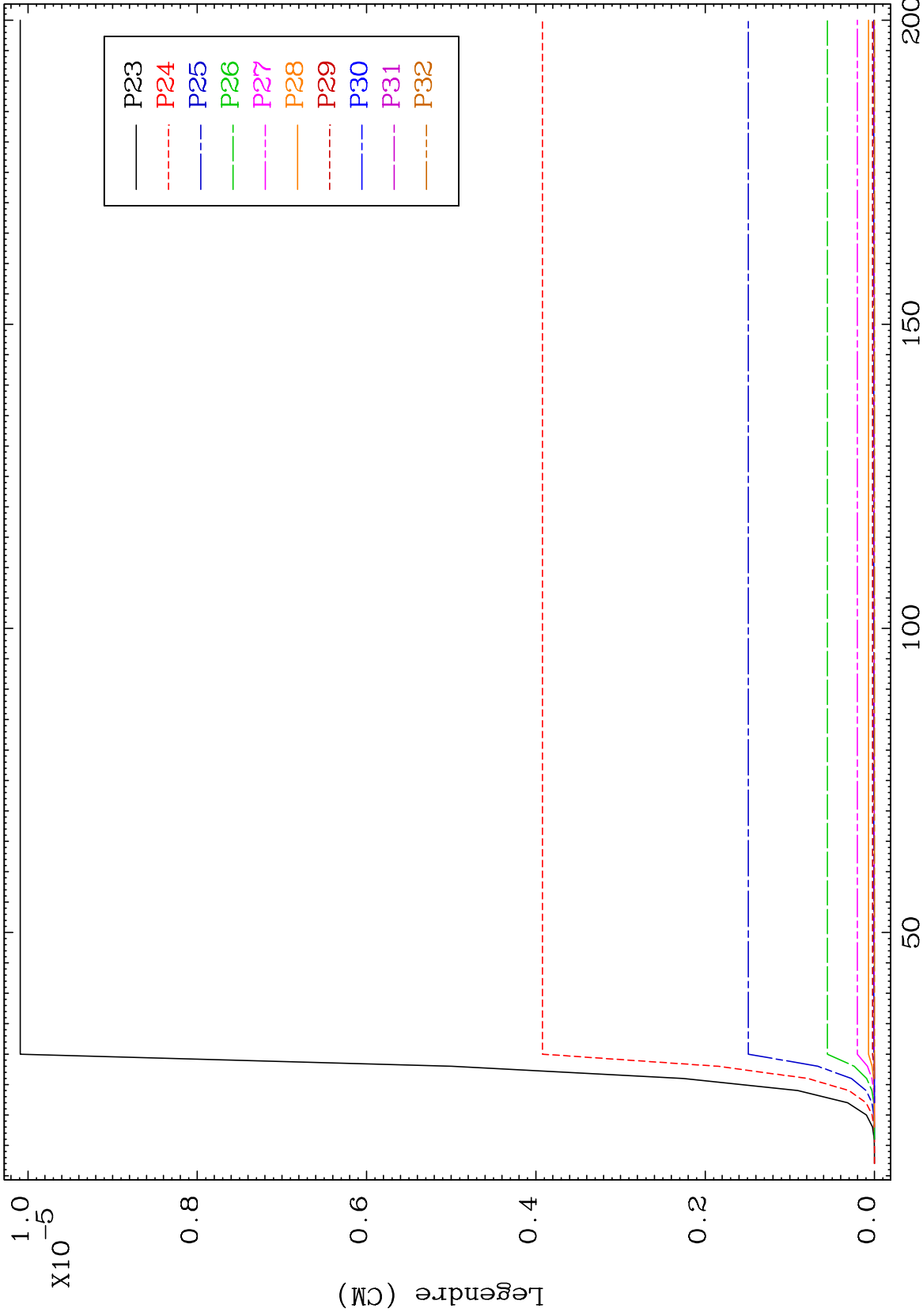
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



28

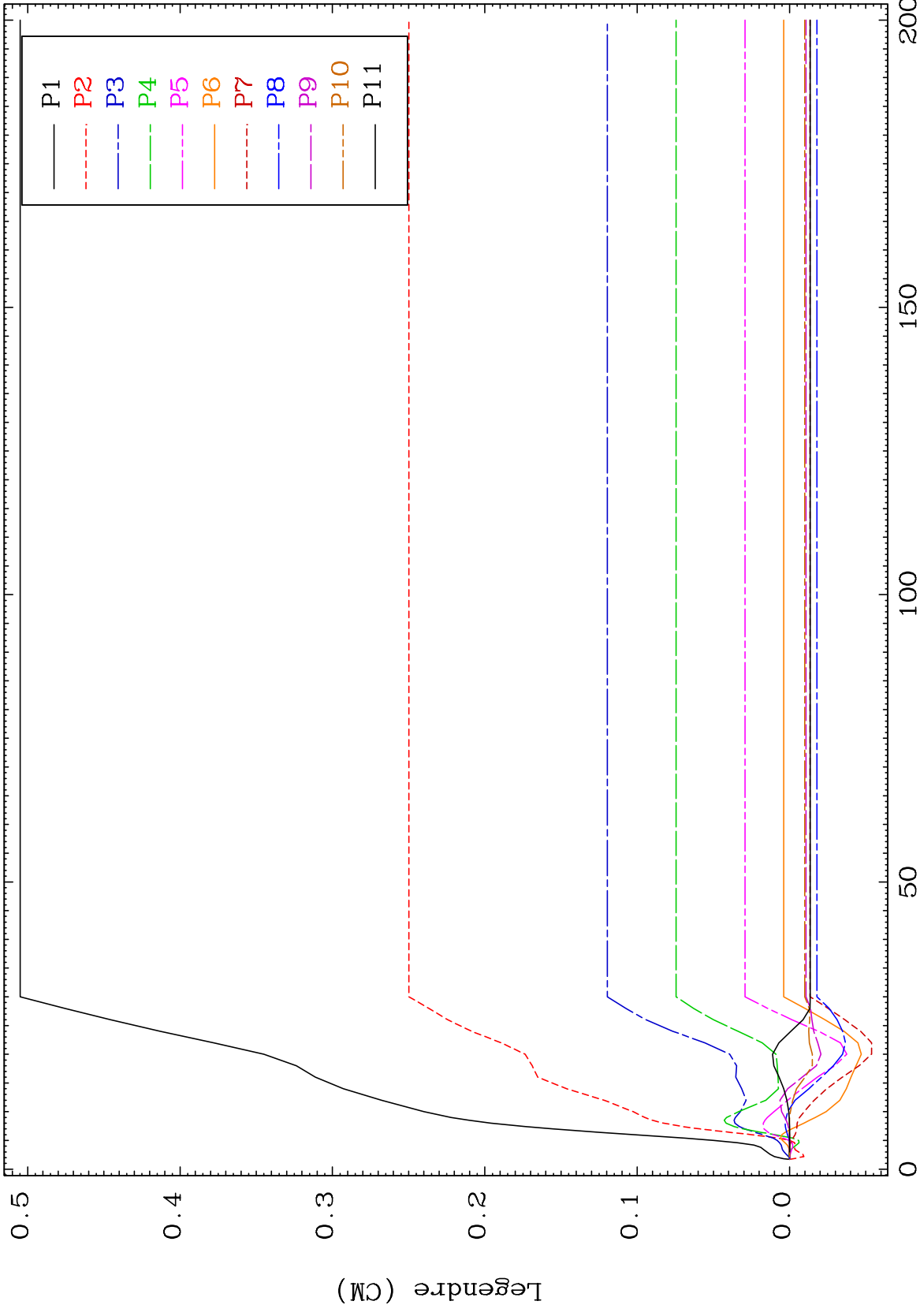
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



29

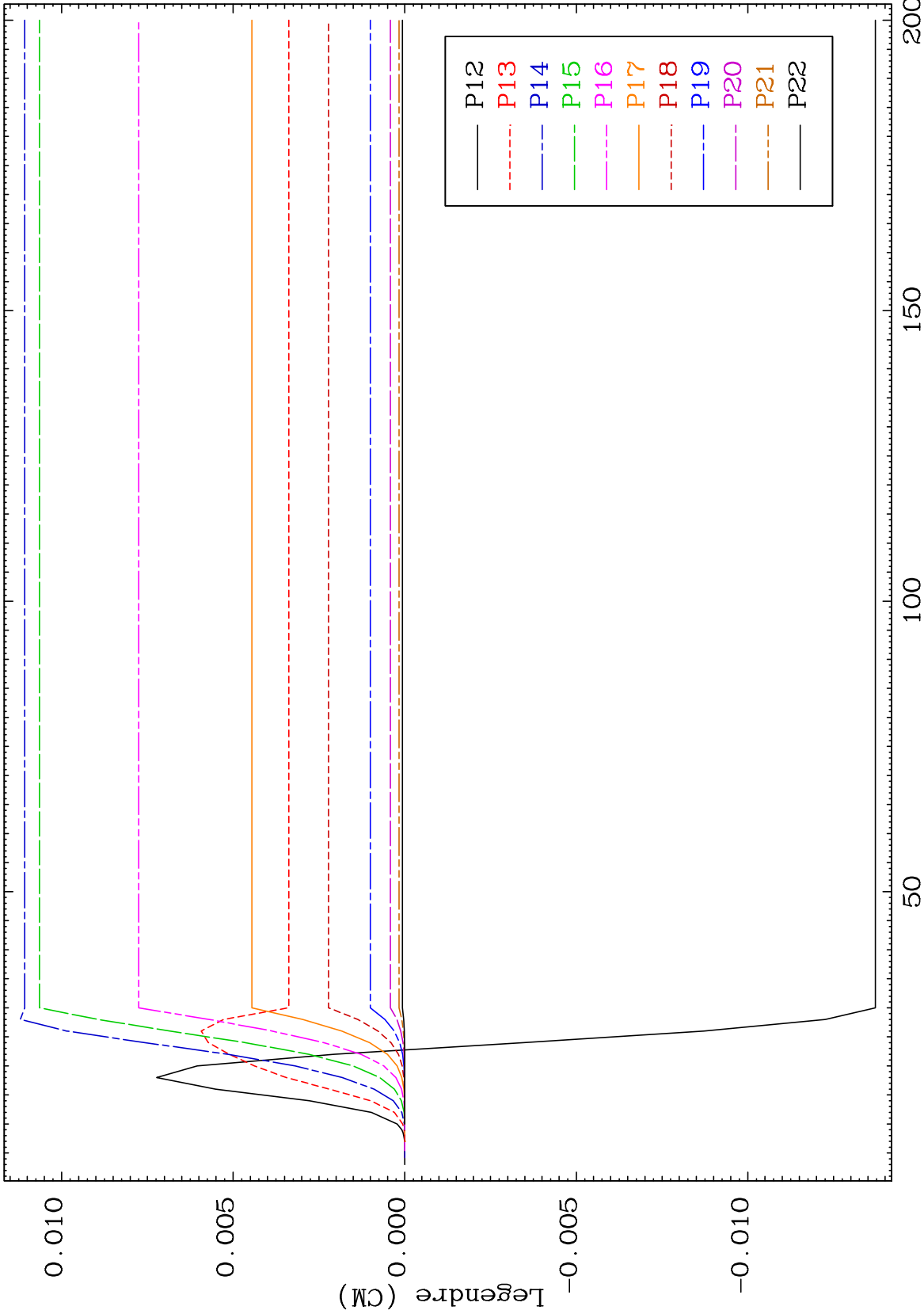
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



30

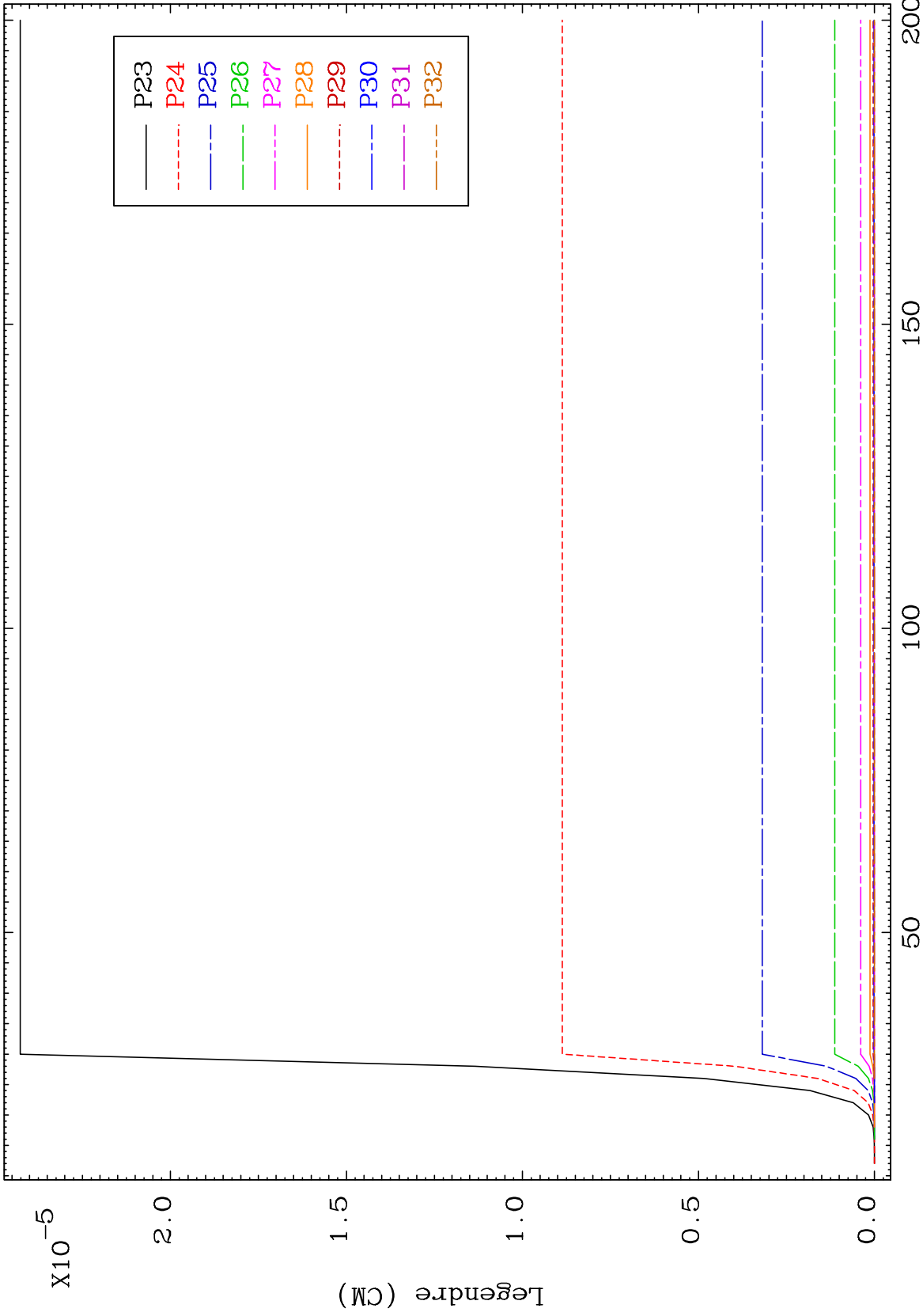
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



31

Incident Energy (MeV)

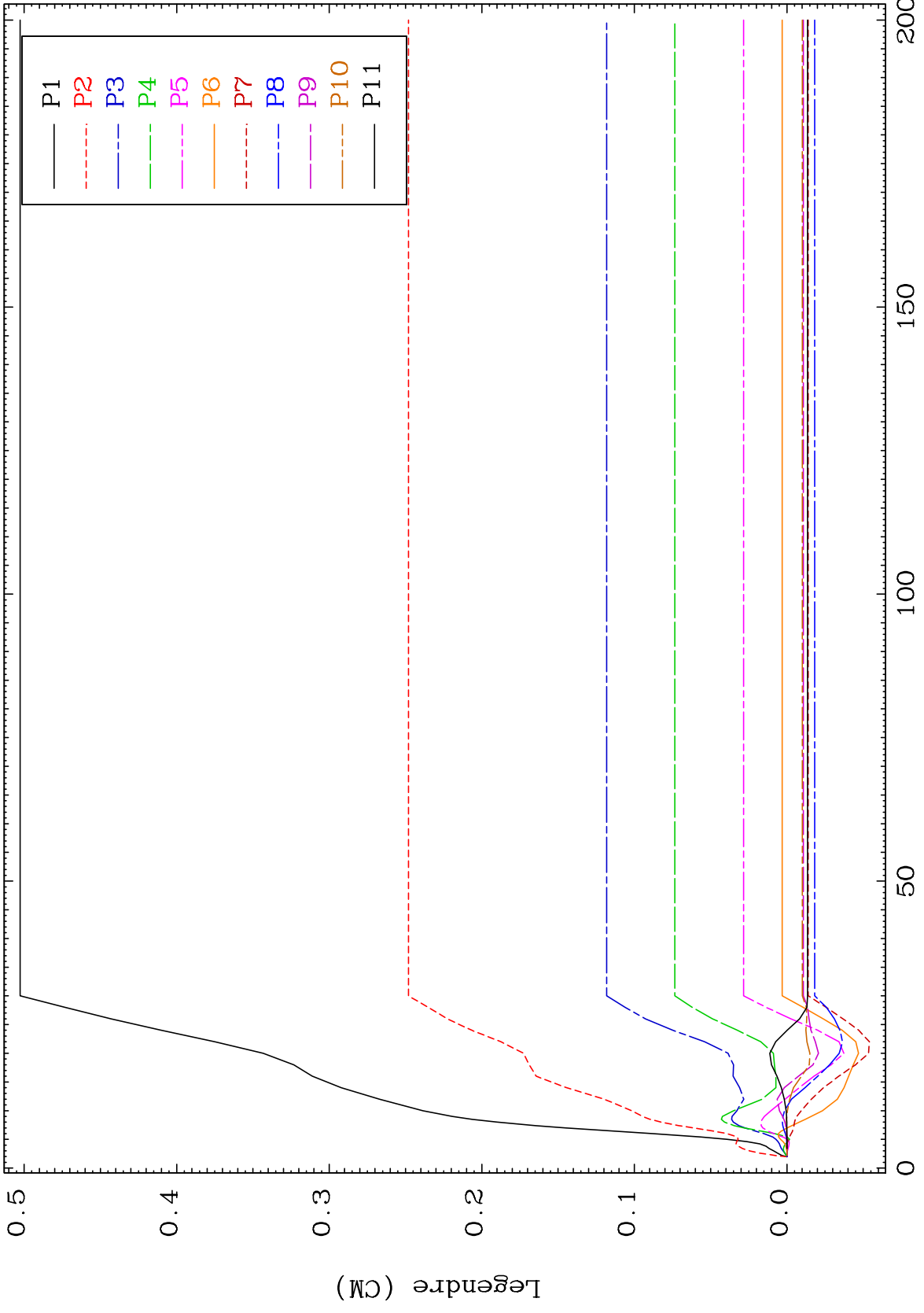
29-Cu-67



MAT 2937

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

29-Cu-67



32

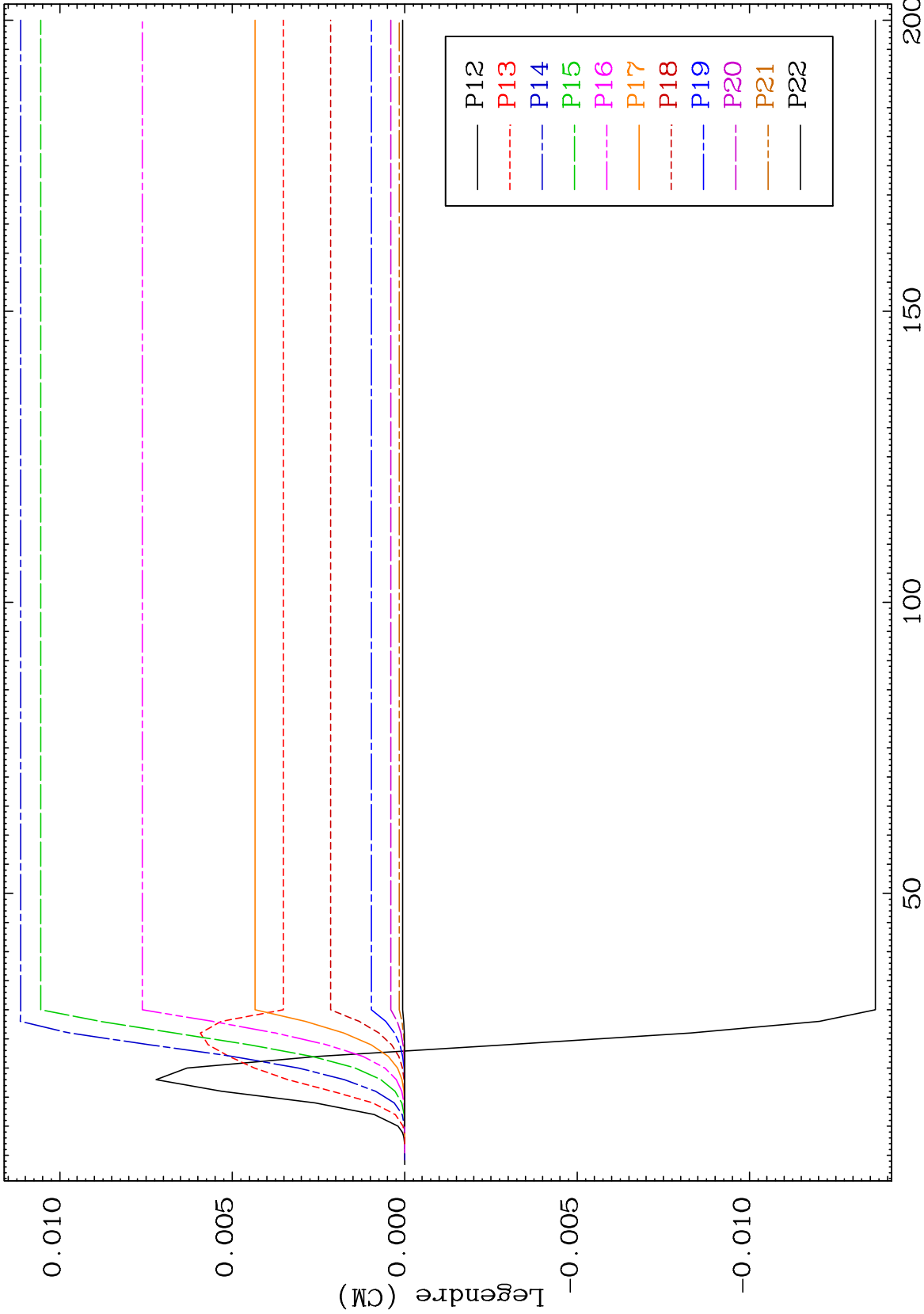
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



33

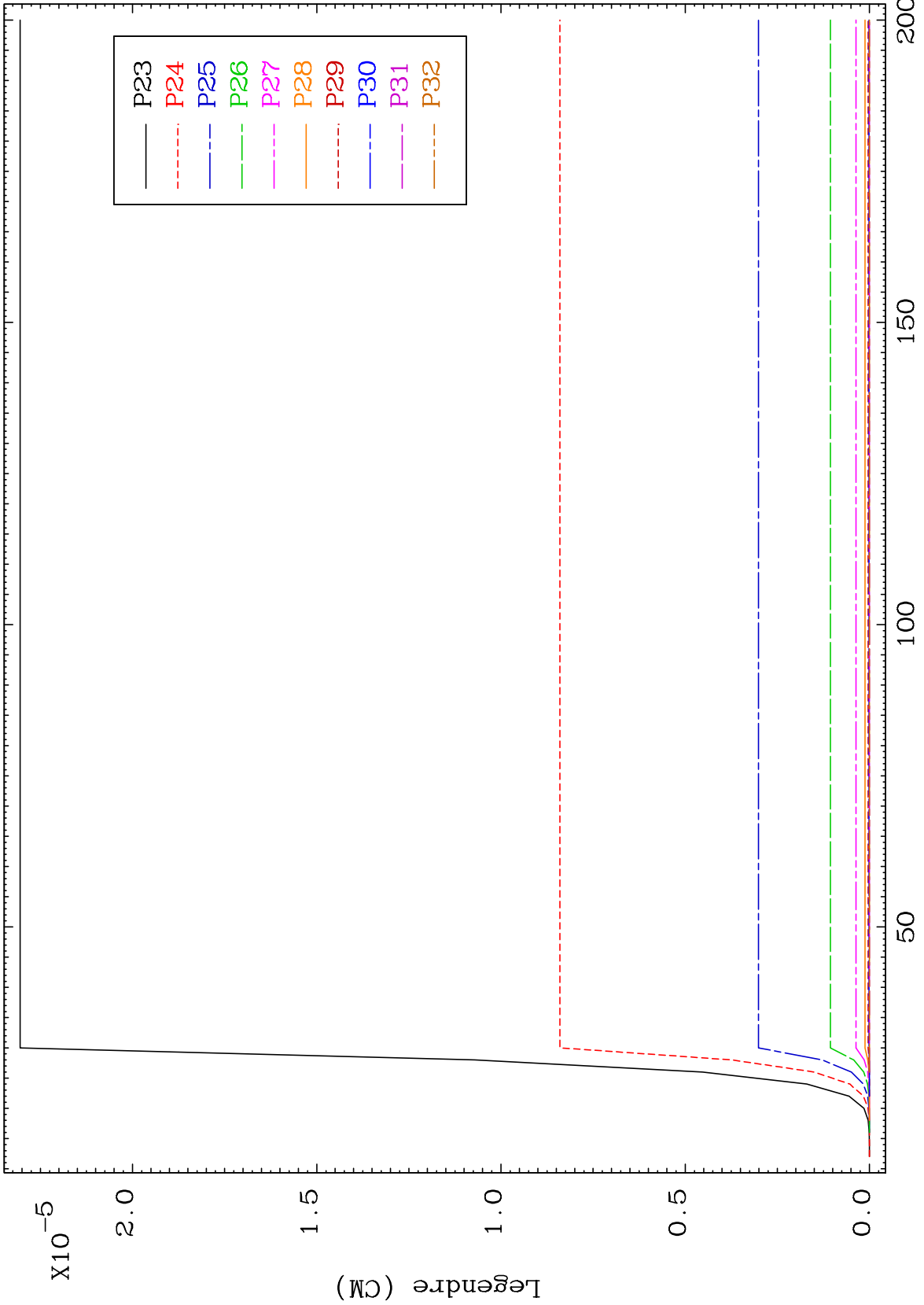
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



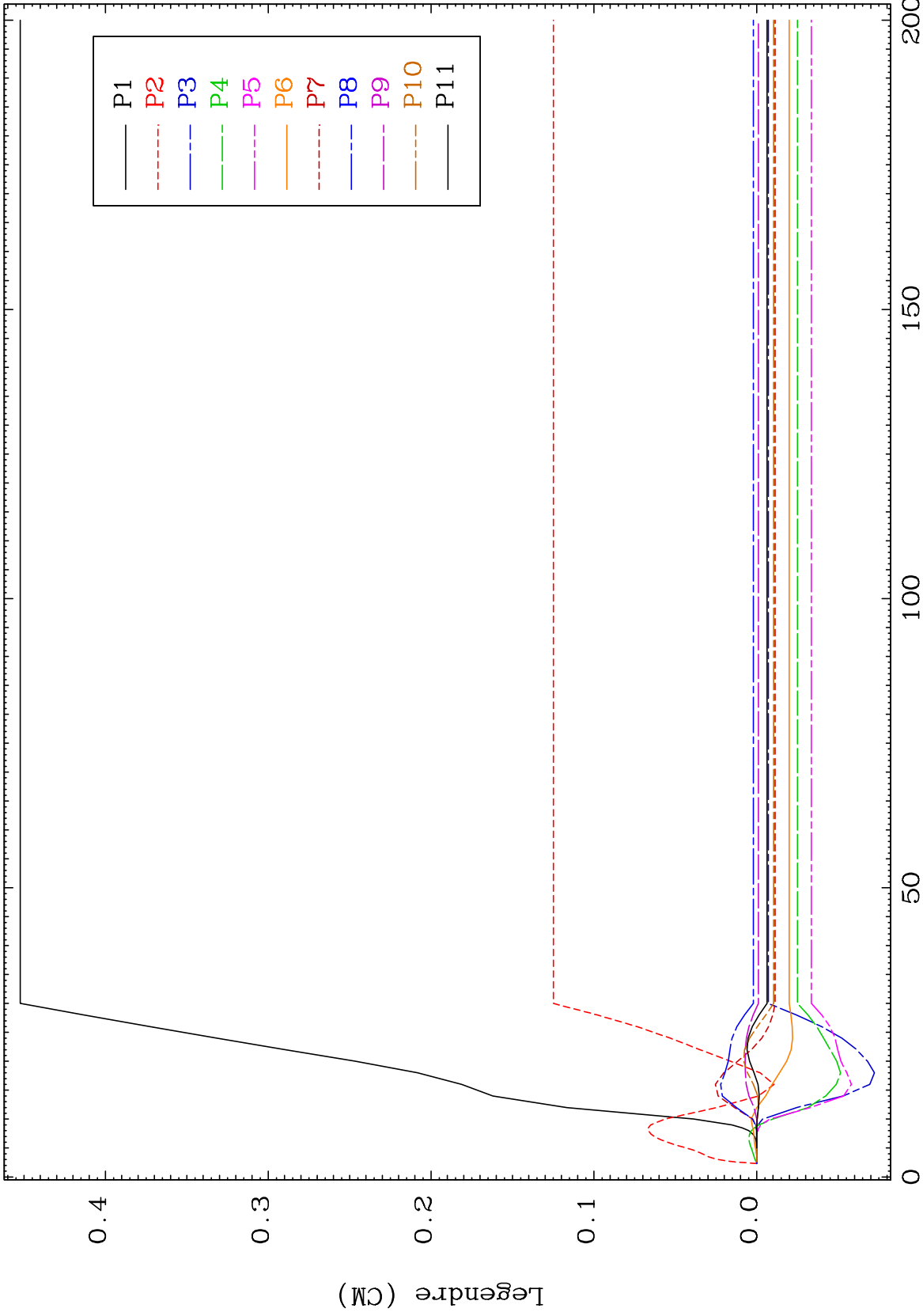
34

29-Cu-67

MAT 2937

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

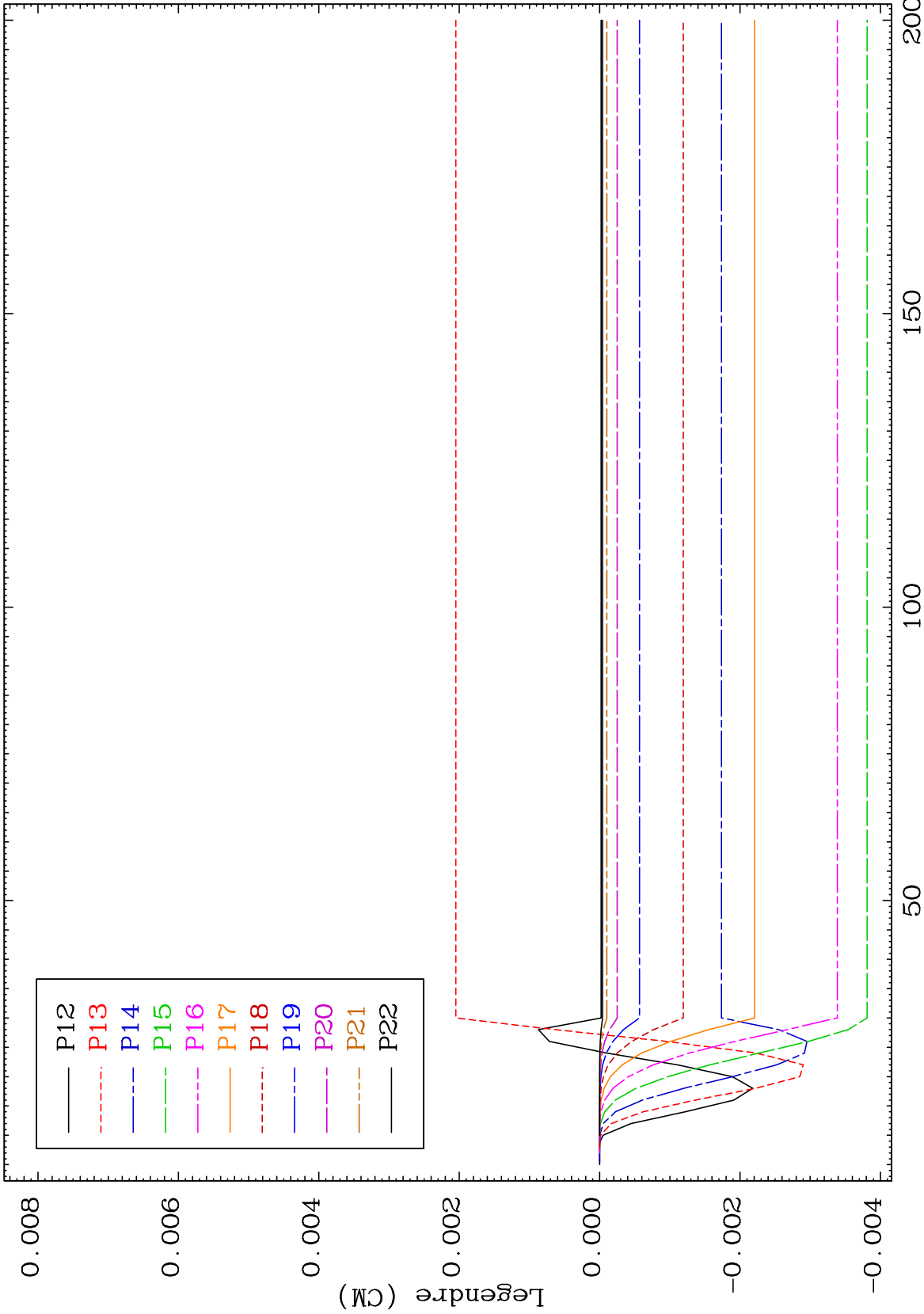
29-Cu-67



35

Incident Energy (MeV)

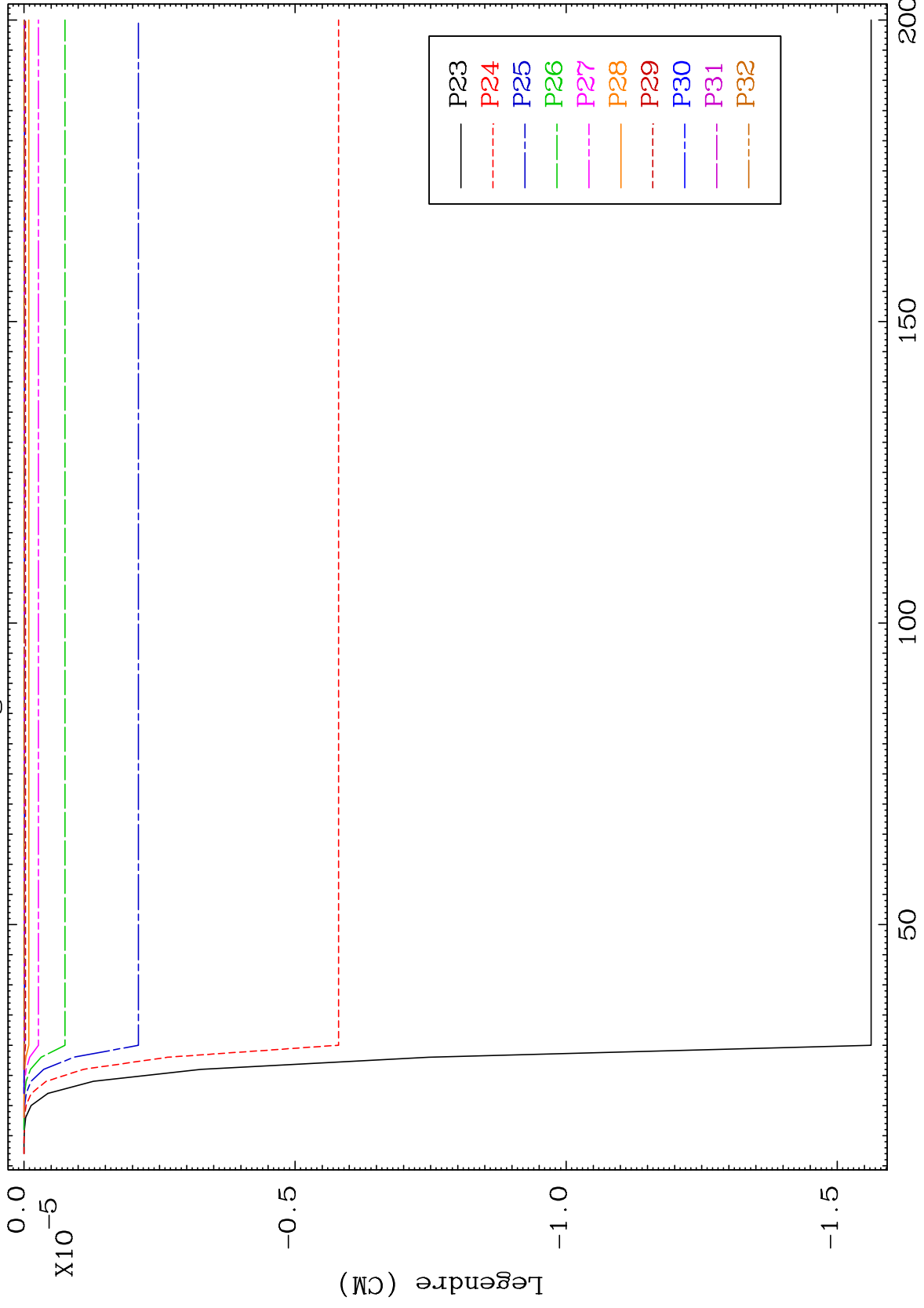
29-Cu-67



MAT 2937

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

29-Cu-67

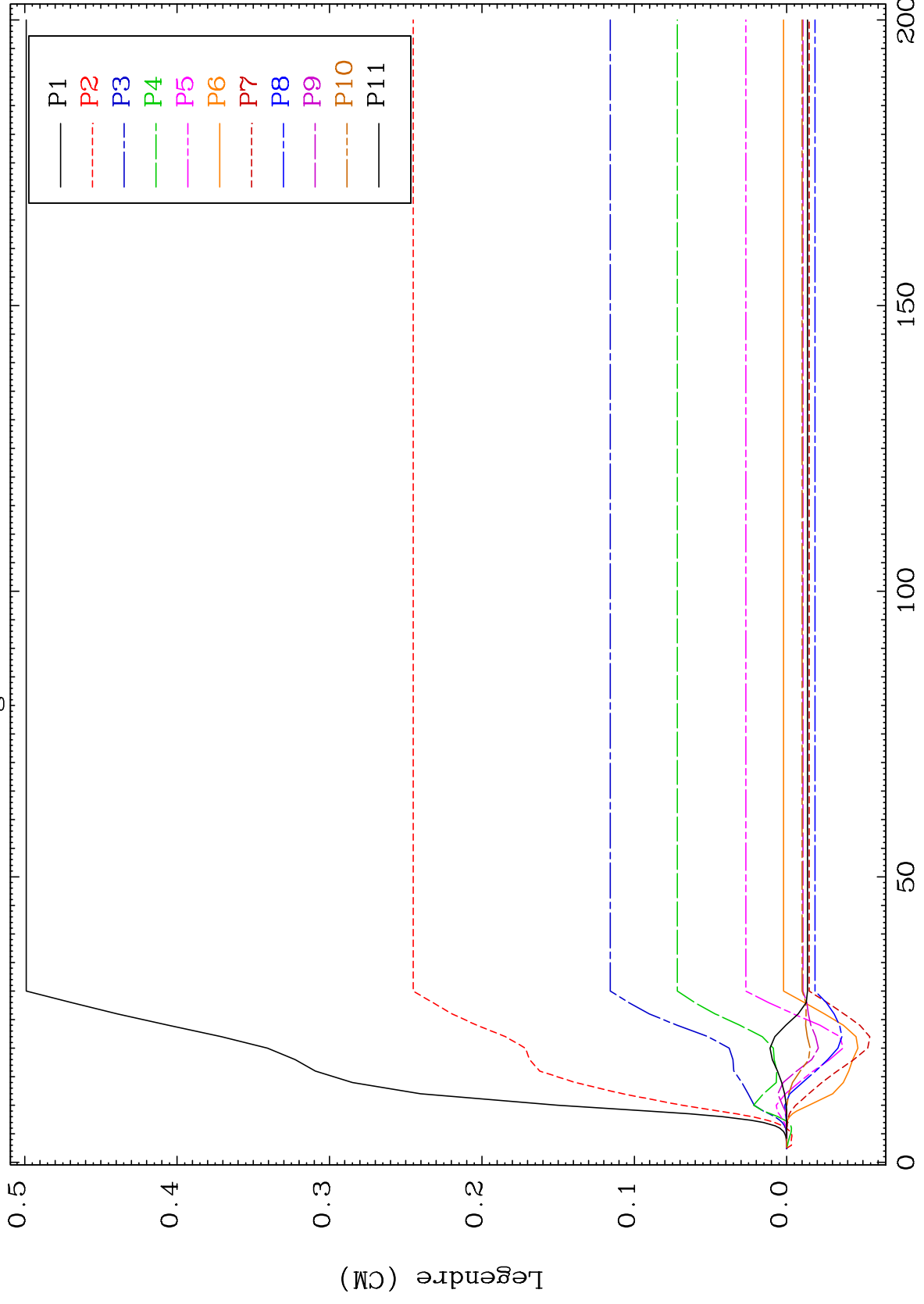


37

Incident Energy (MeV)

29-Cu-67

MAT 2937 MT= 57 (n,n') Level Legendre Coefficients 29-Cu-67

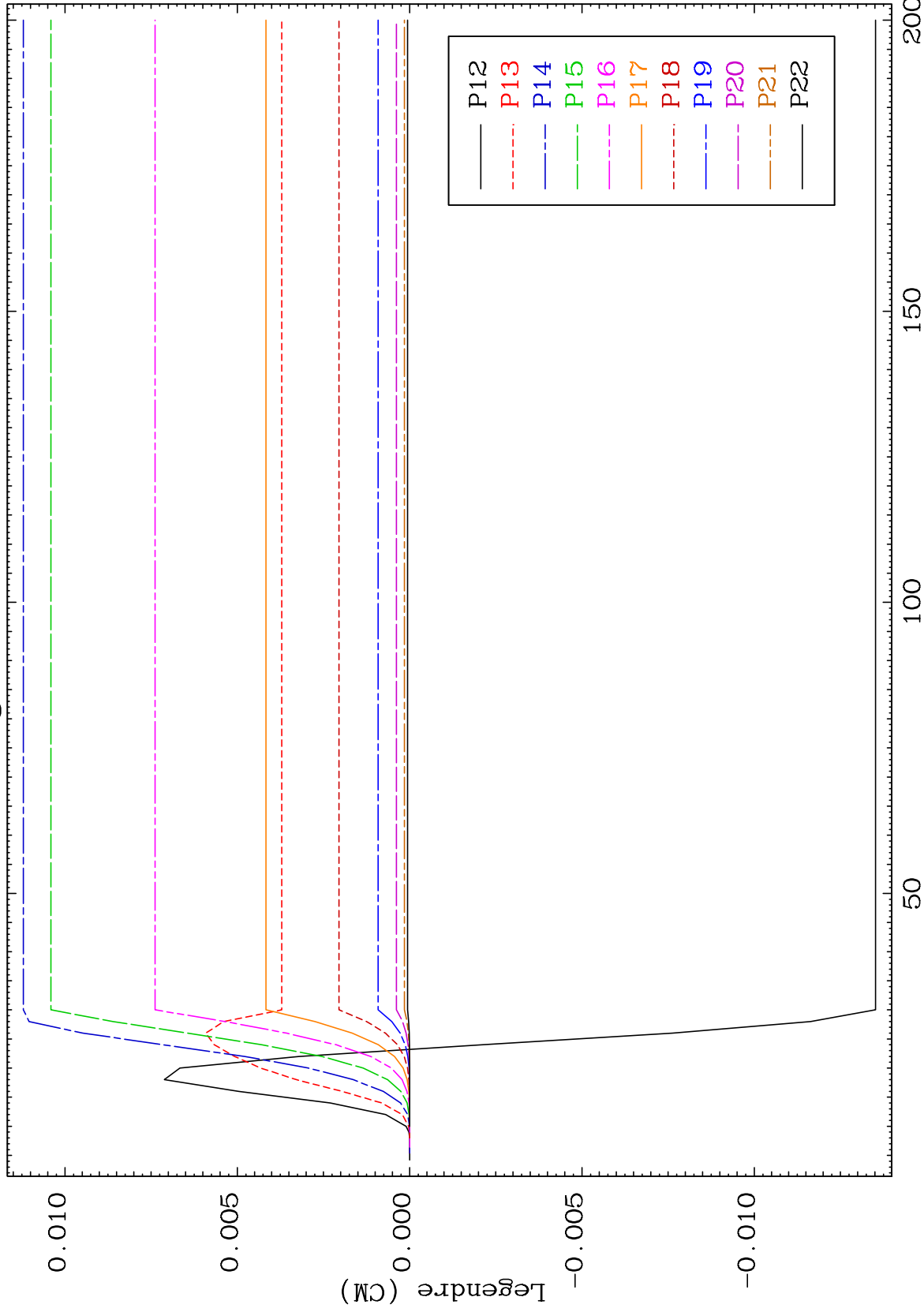


38 29-Cu-67

MAT 2937

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

29-Cu-67



39

Incident Energy (MeV)

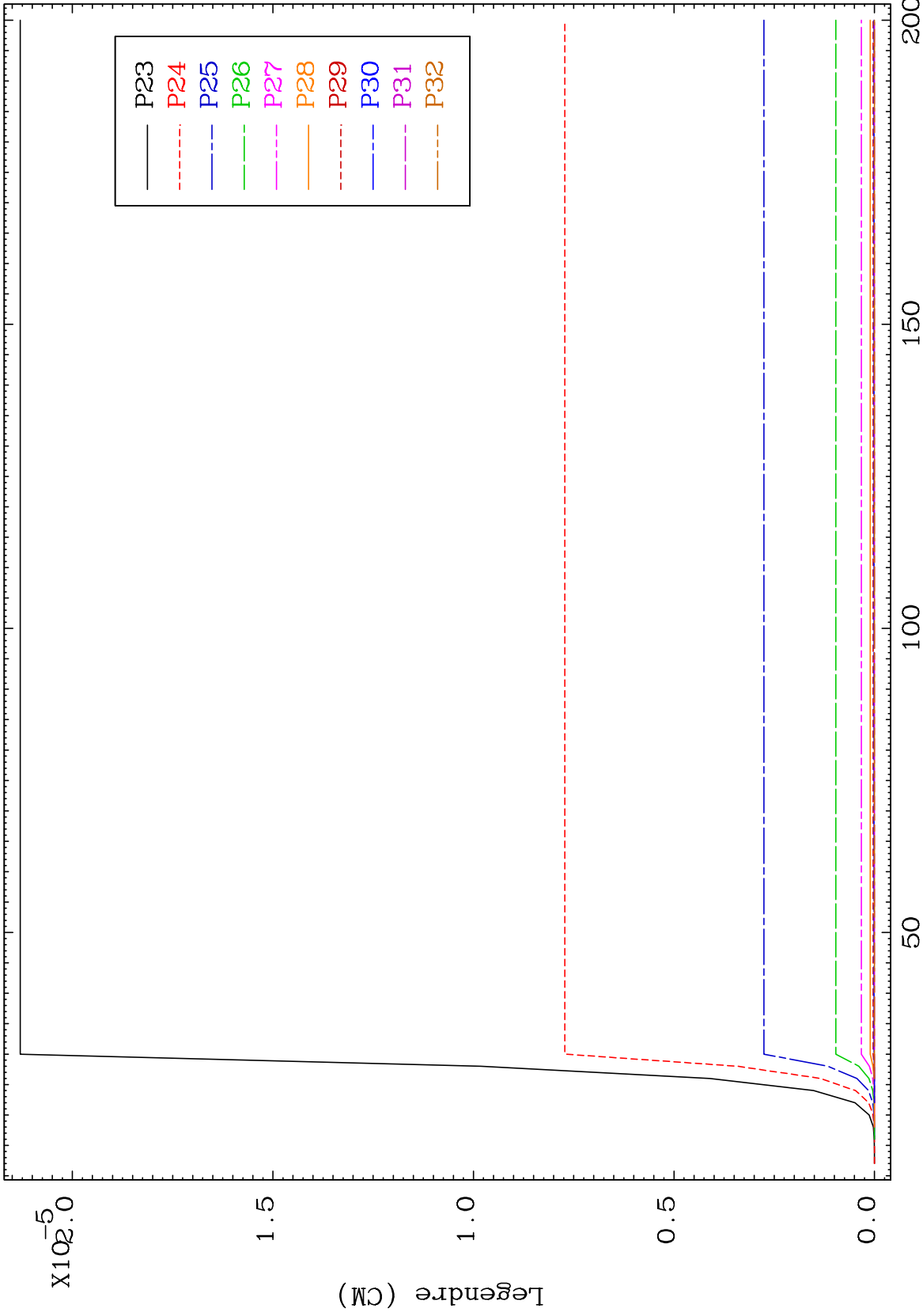
29-Cu-67



MAT 2937

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

29-Cu-67



40

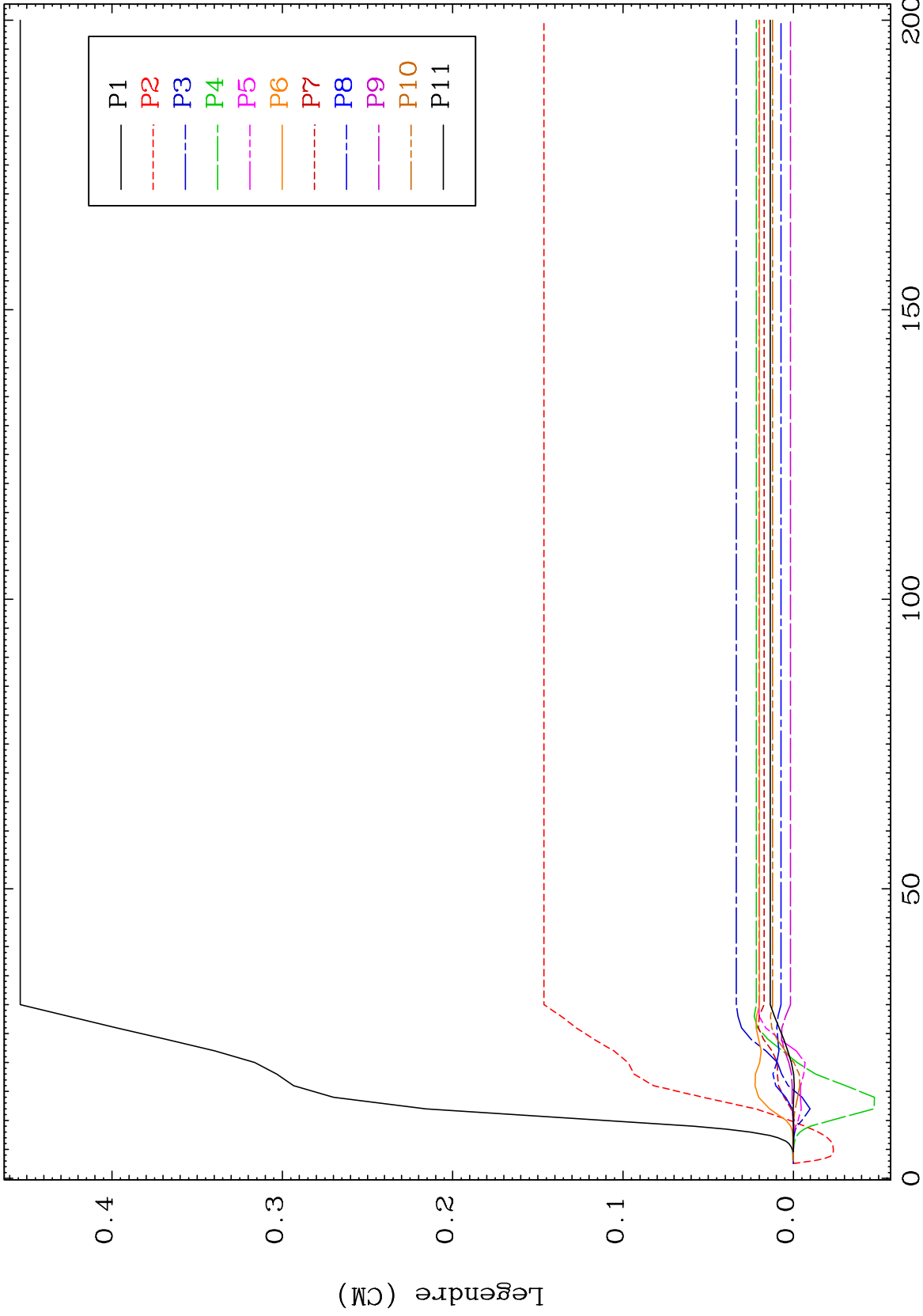
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



41

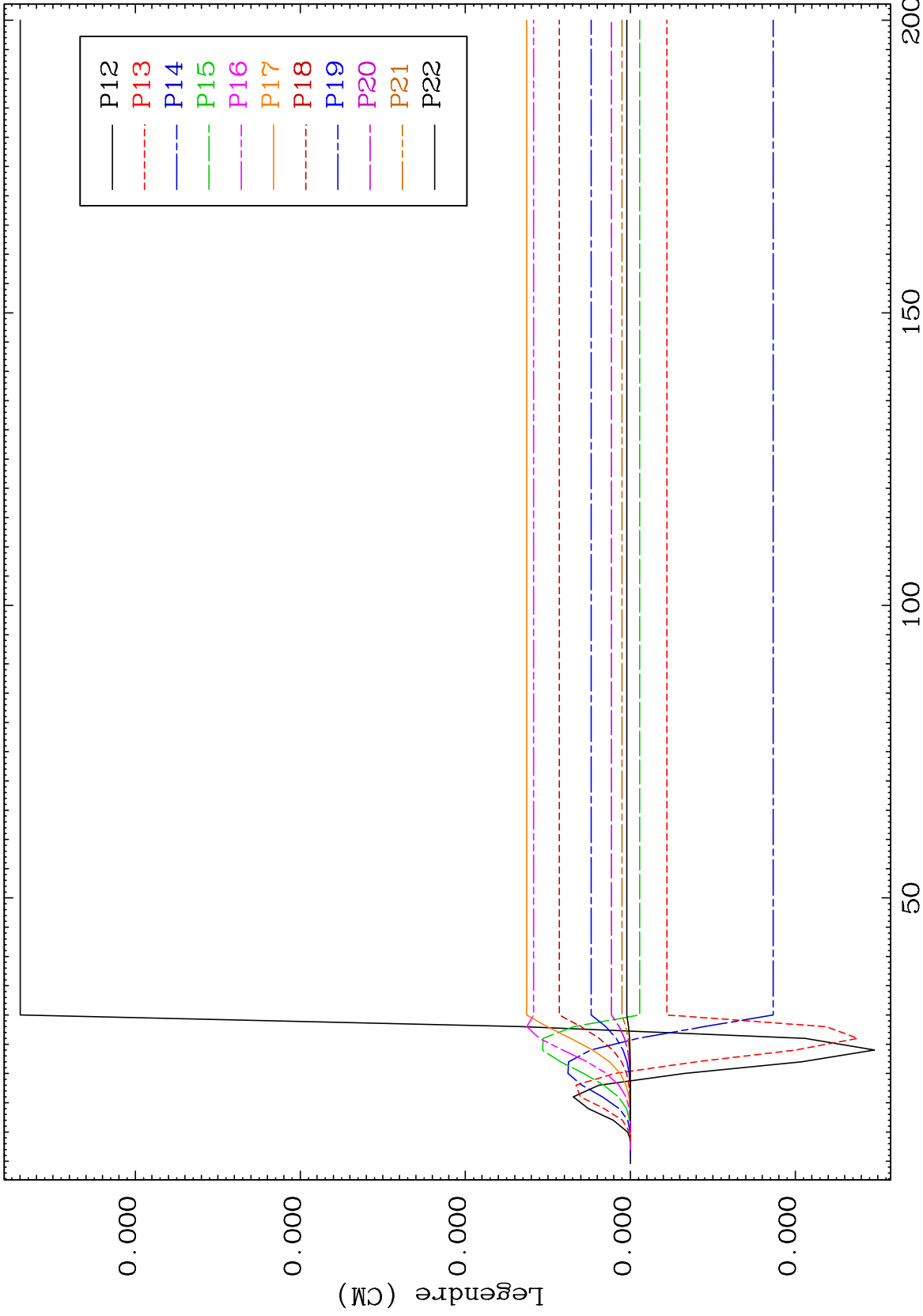
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



42

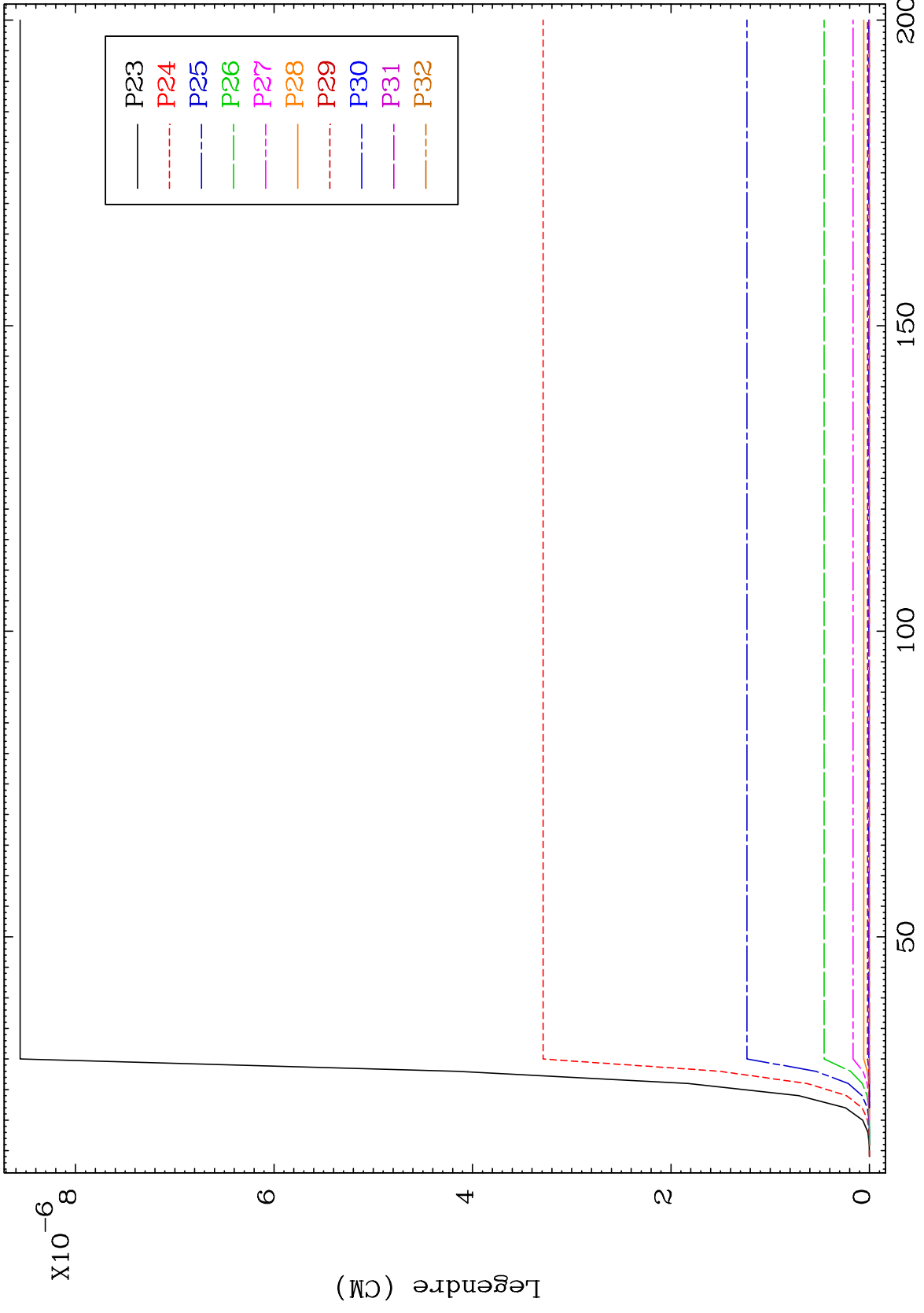
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



43

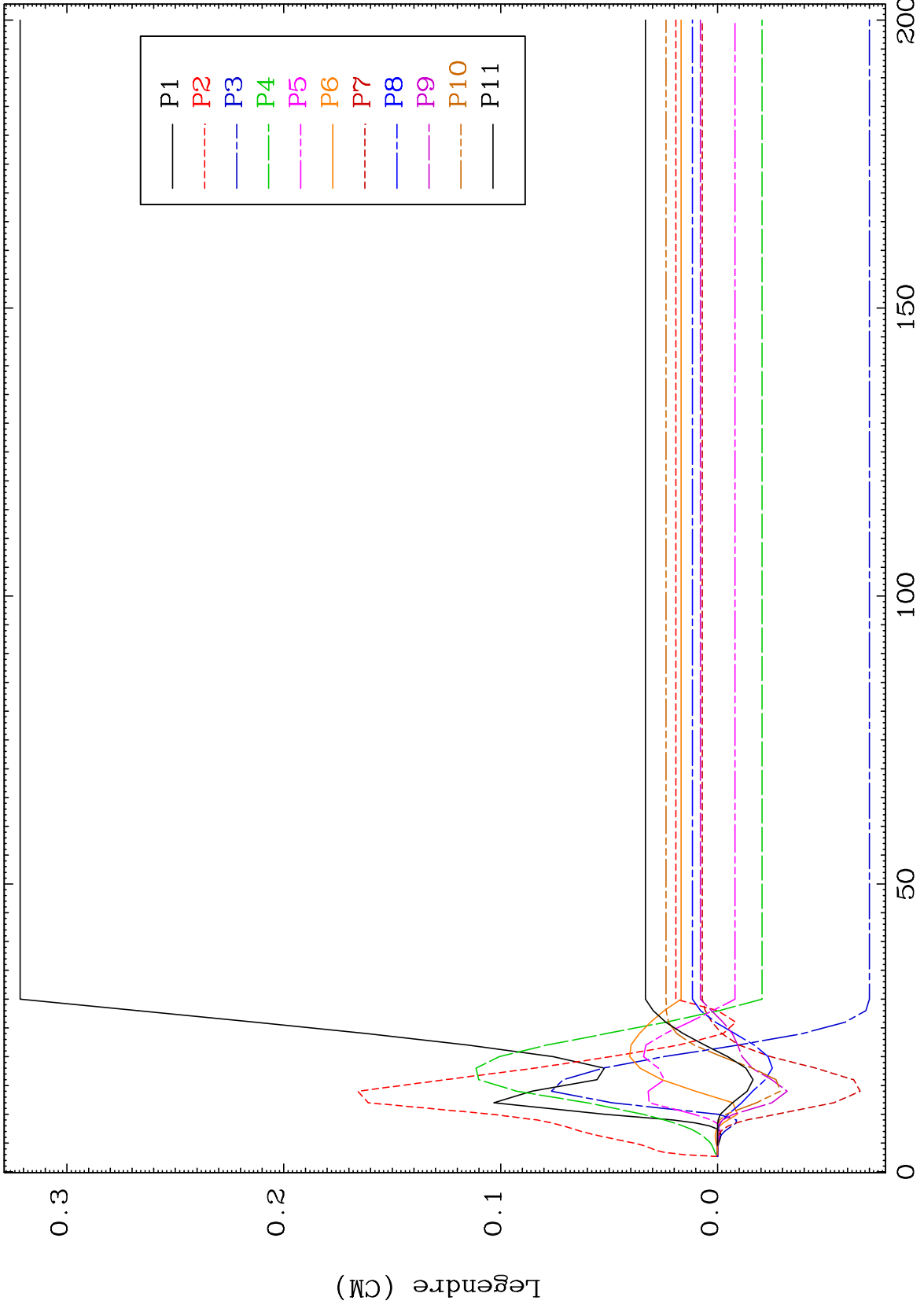
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



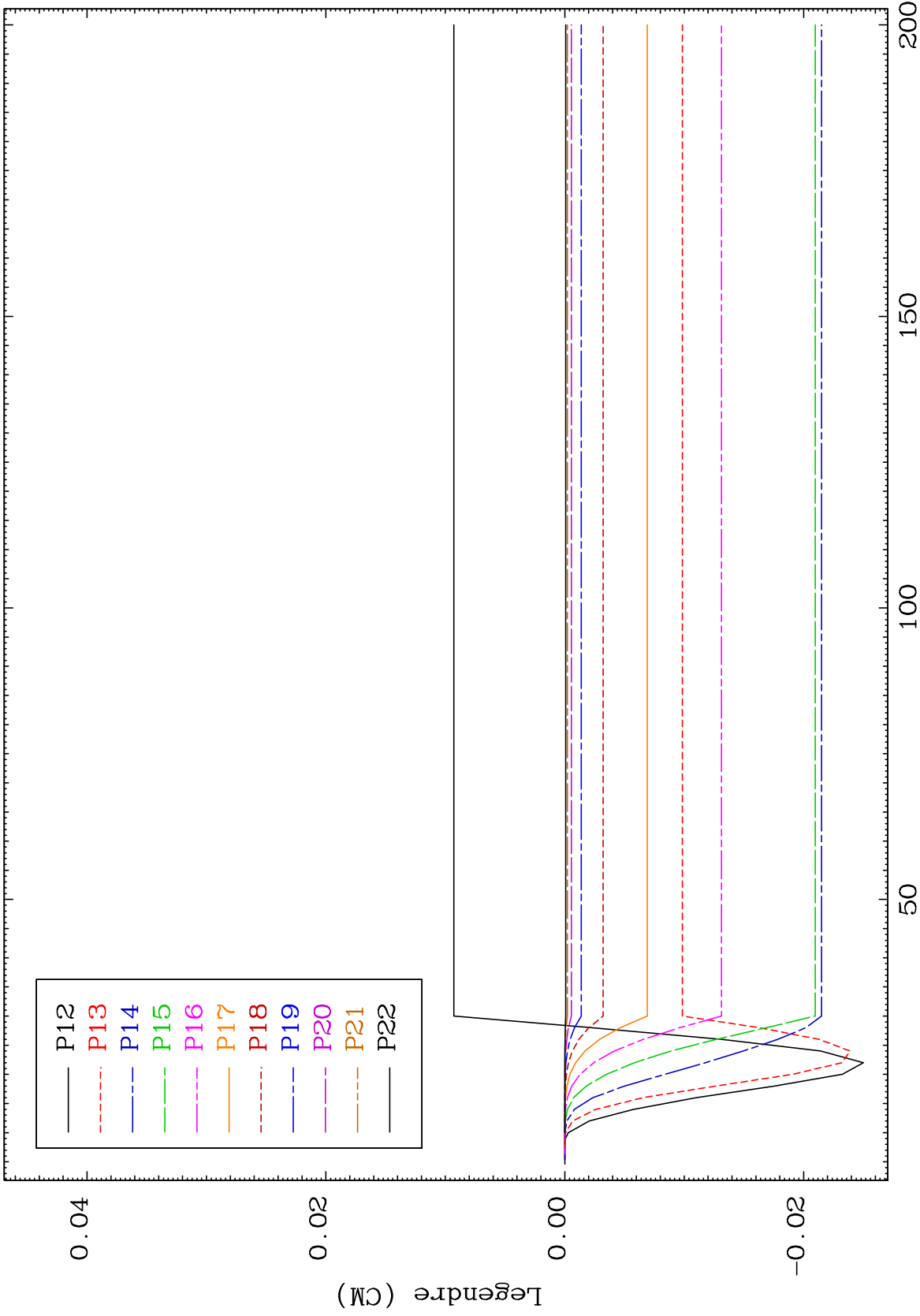
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29-Cu-67

MAT 2937

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

29-Cu-67



45

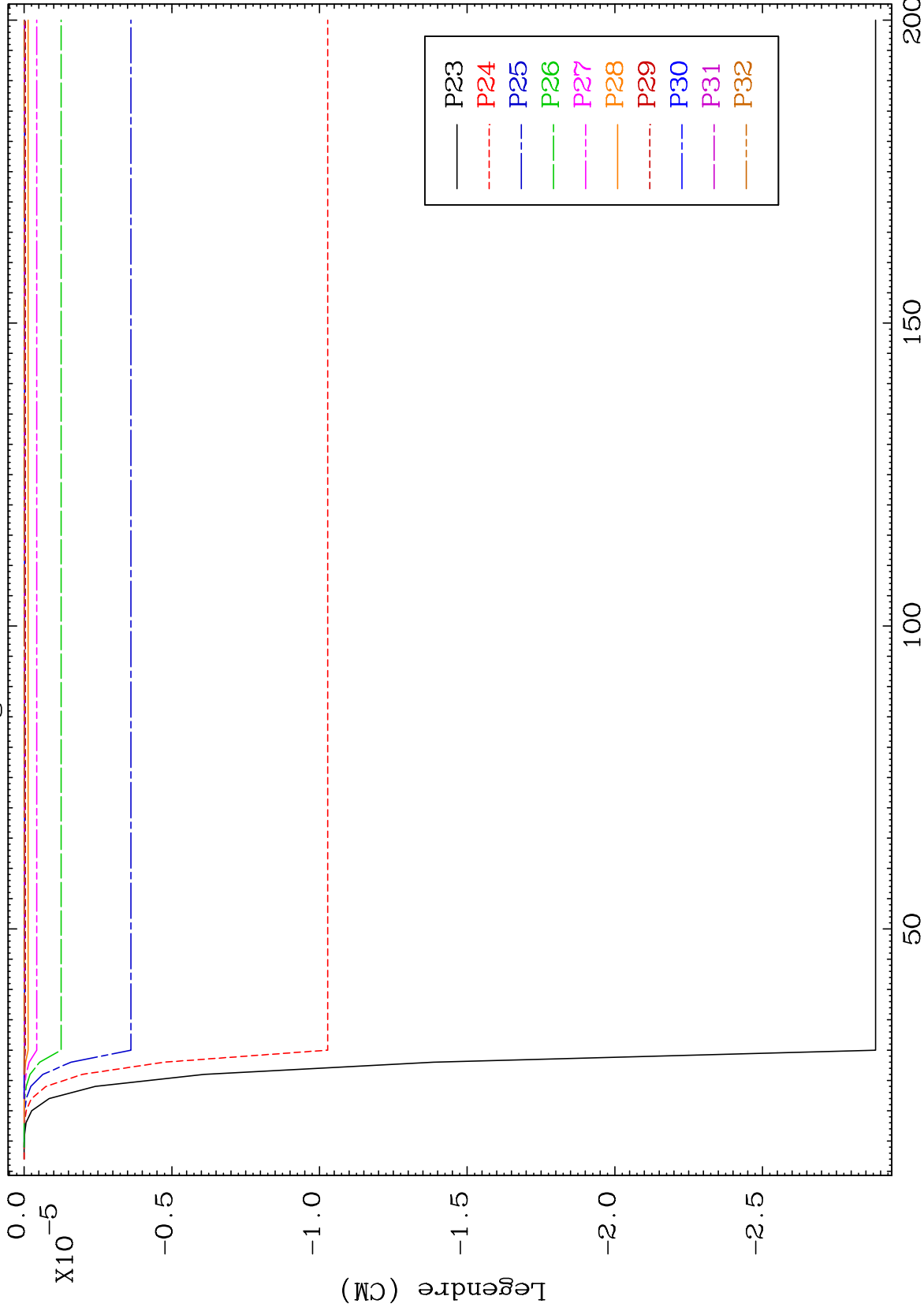
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



29-Cu-67

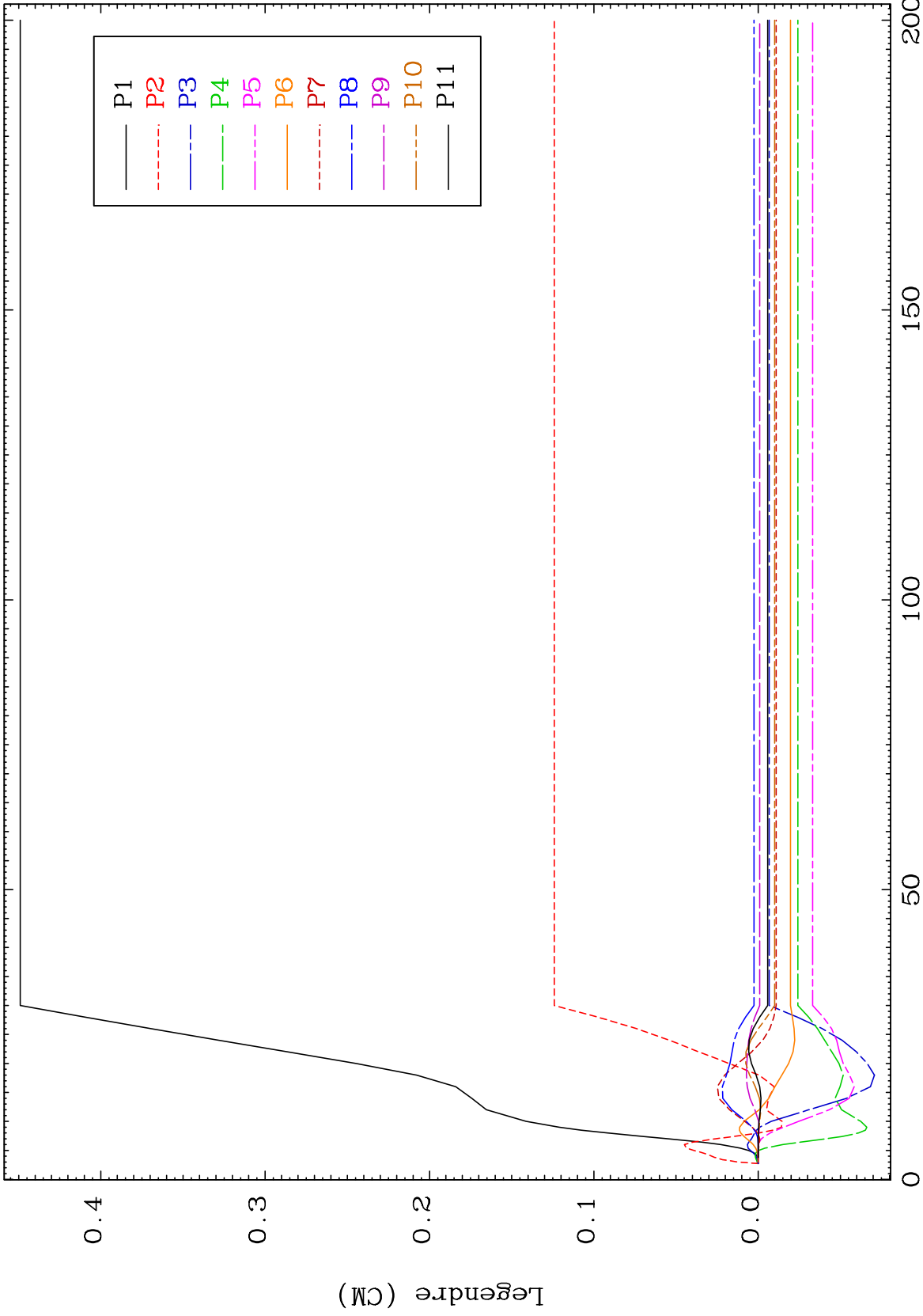
Incident Energy (MeV)

46

MAT 2937

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

29-Cu-67



47

Incident Energy (MeV)

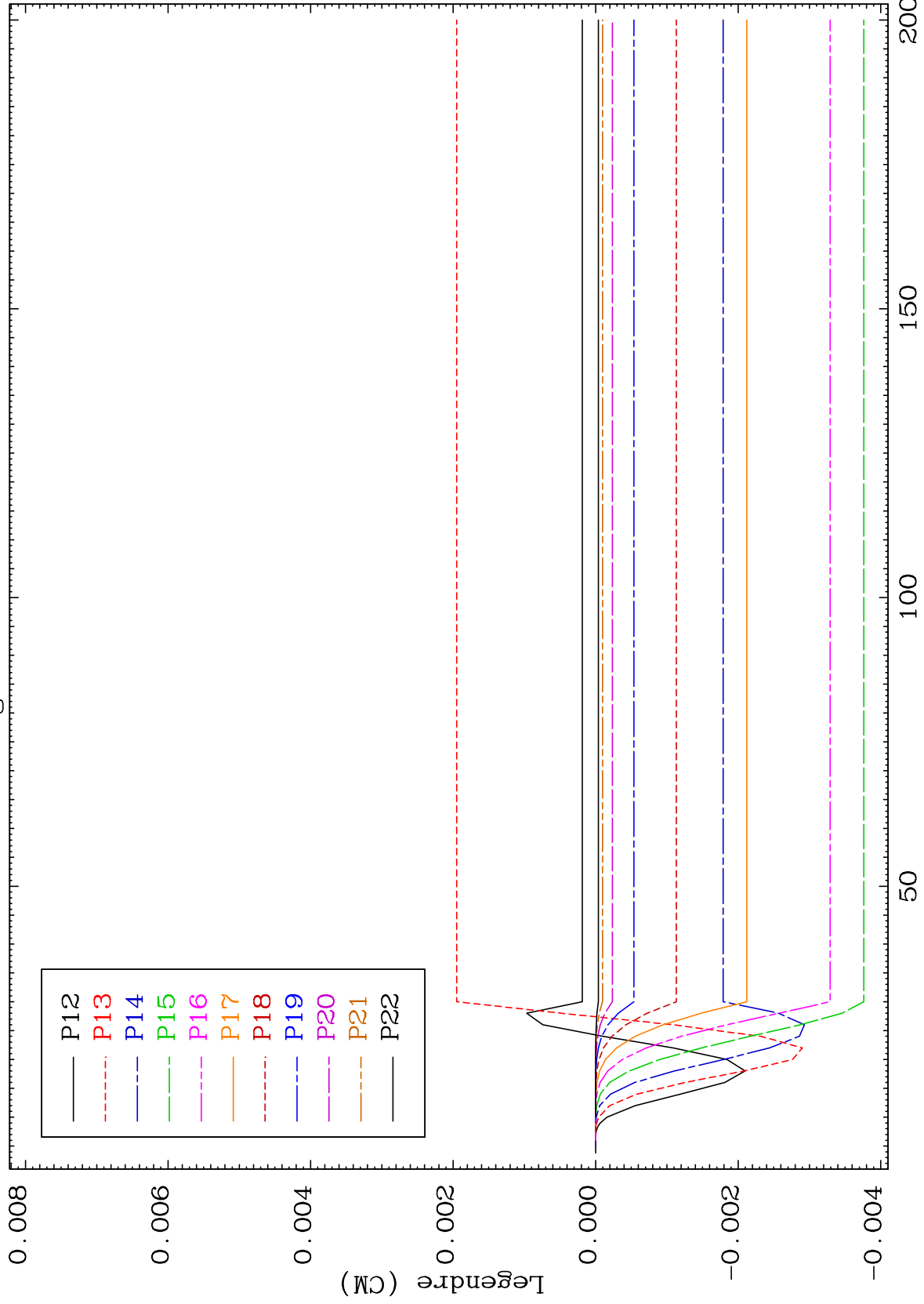
29-Cu-67



MAT 2937

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

29-Cu-67



48

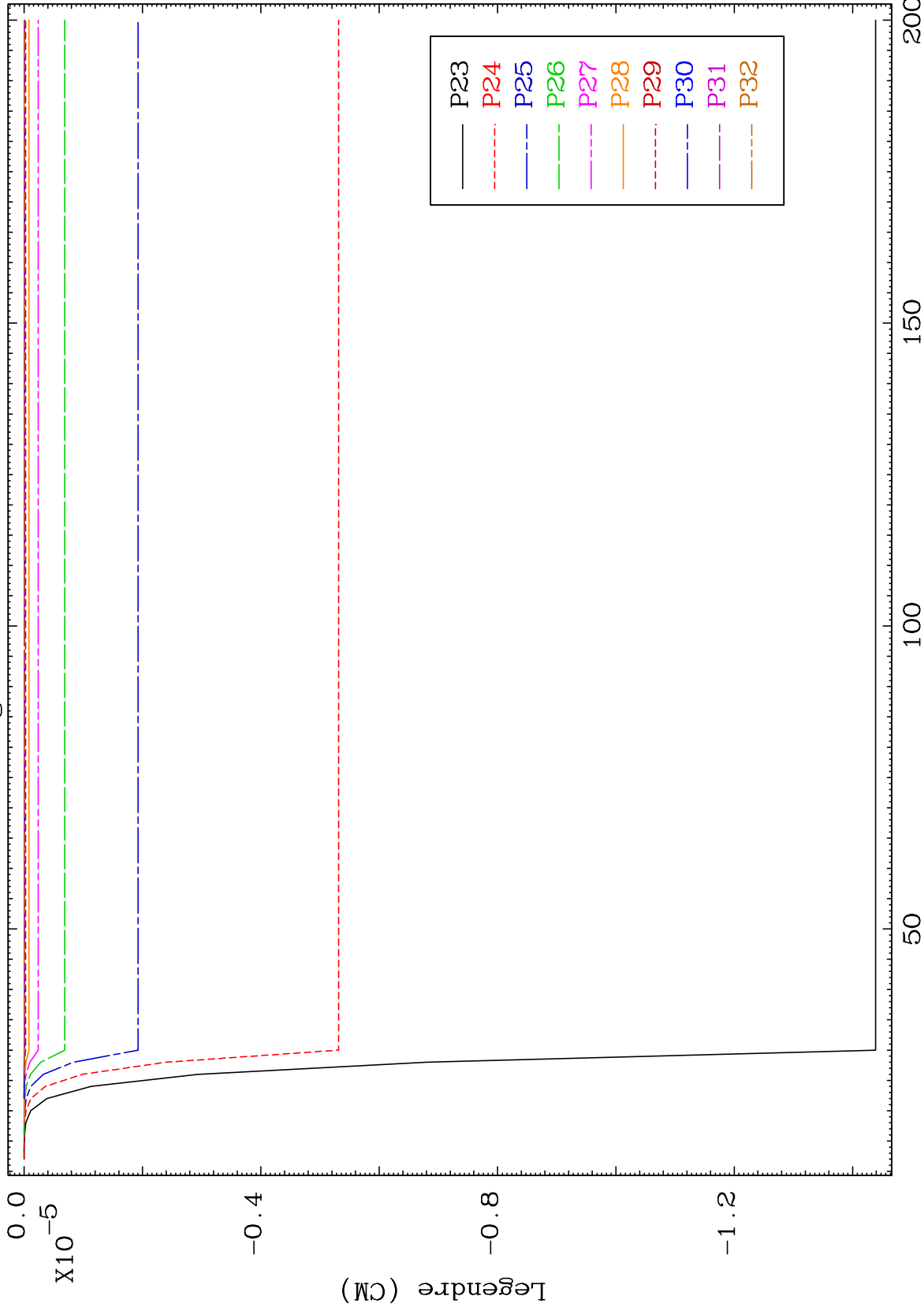
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



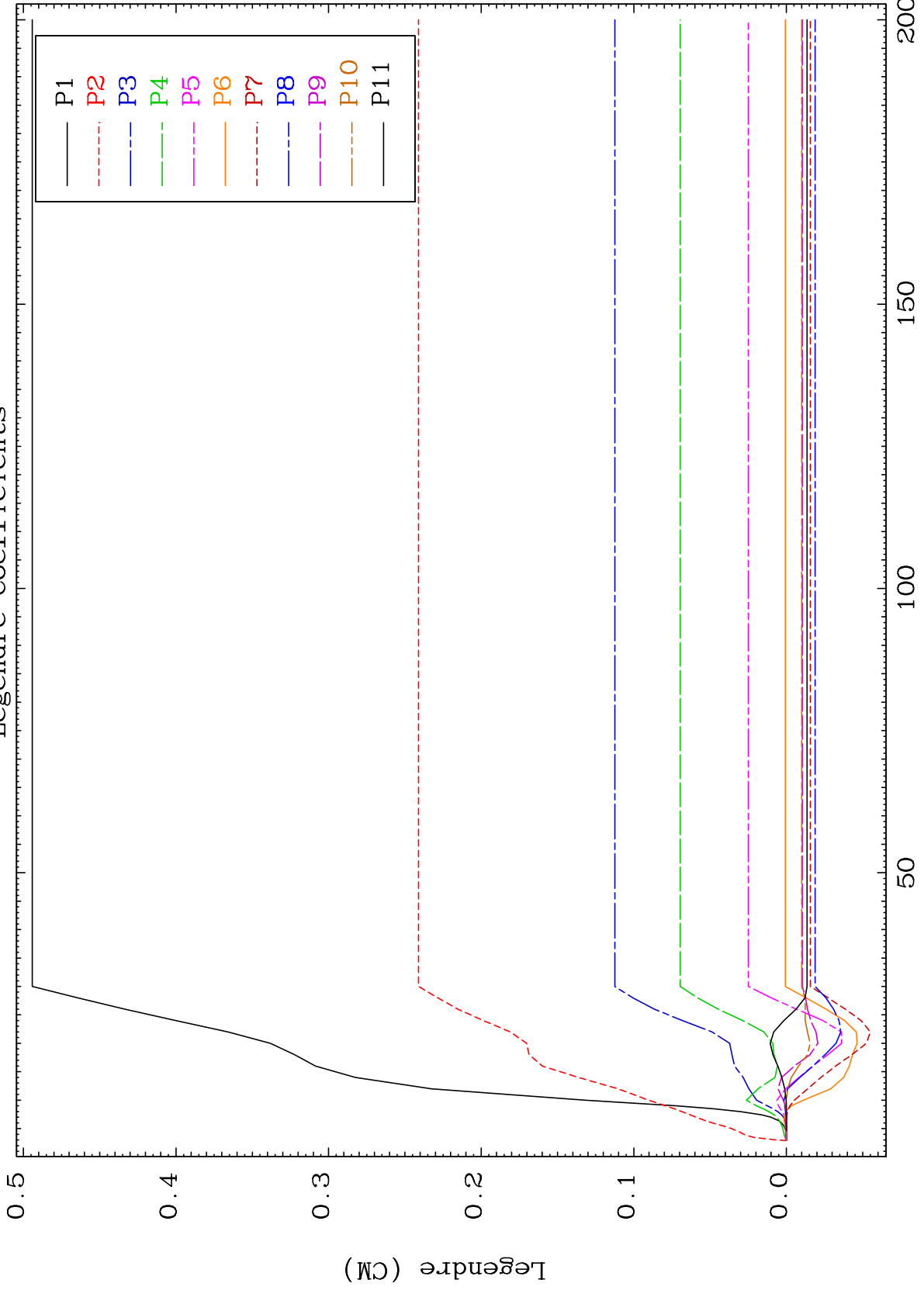
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29-Cu-67

MAT 2937

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

29-Cu-67



29-Cu-67

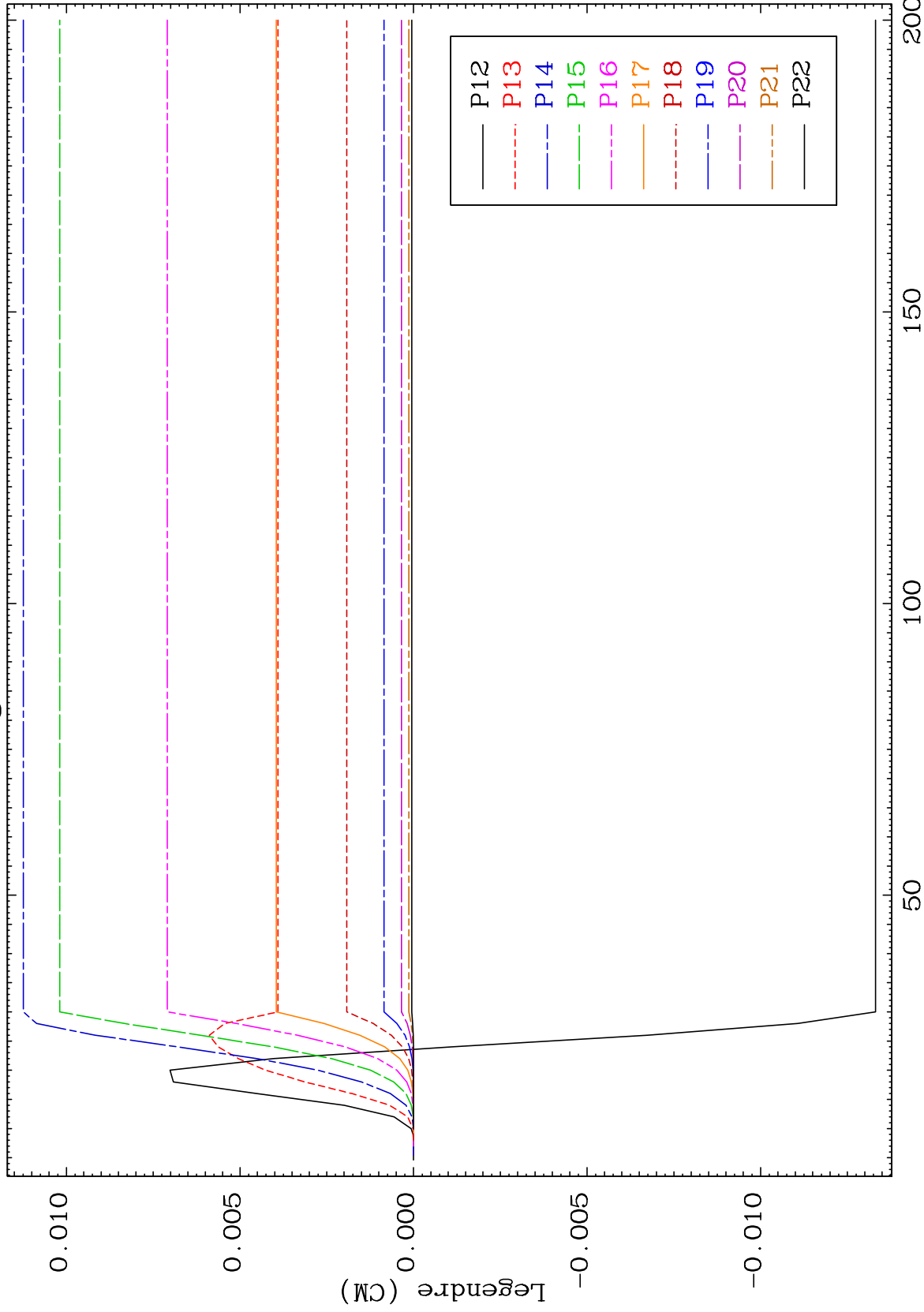
Incident Energy (MeV)

50

MAT 2937

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

29-Cu-67



51

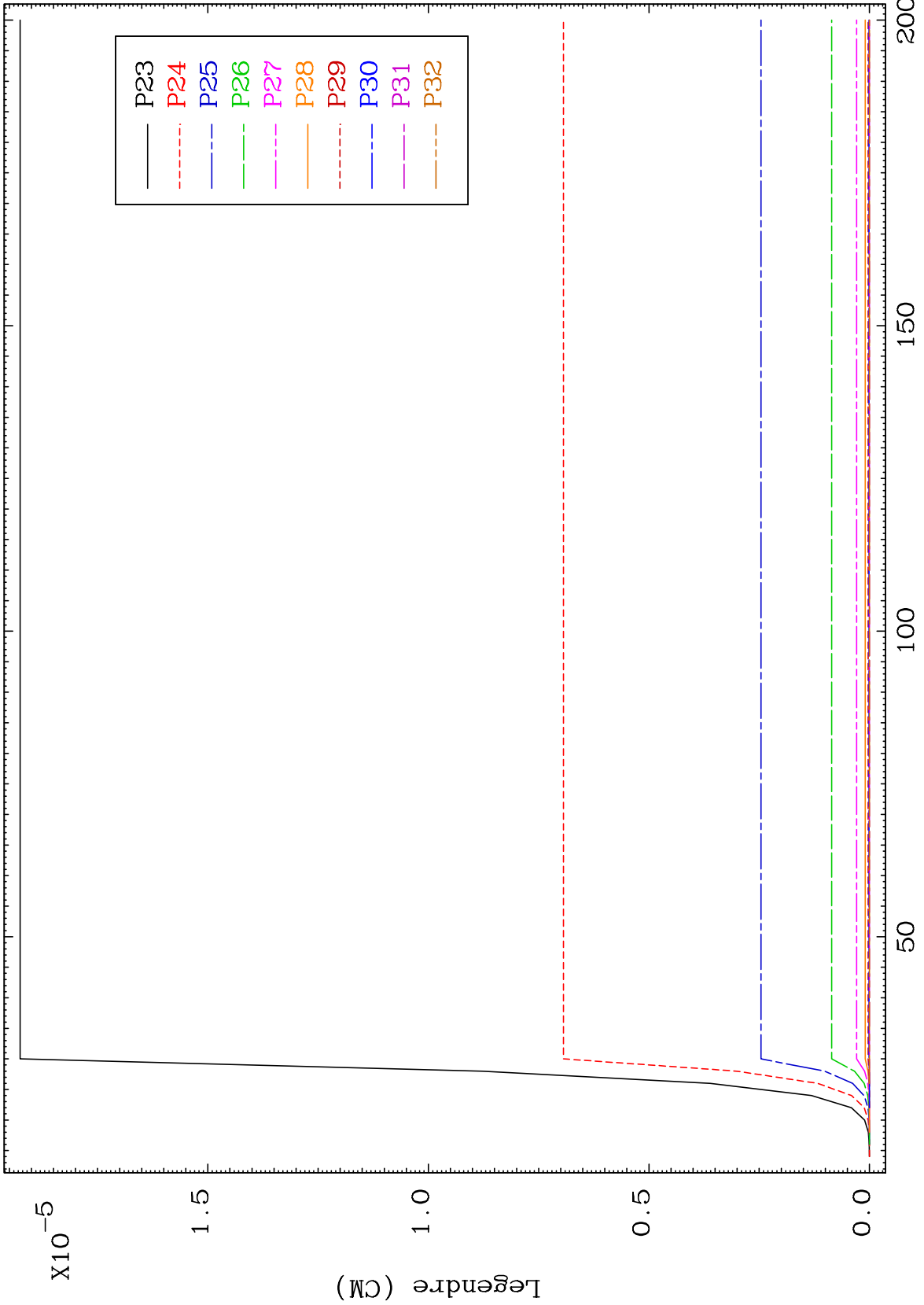
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



52

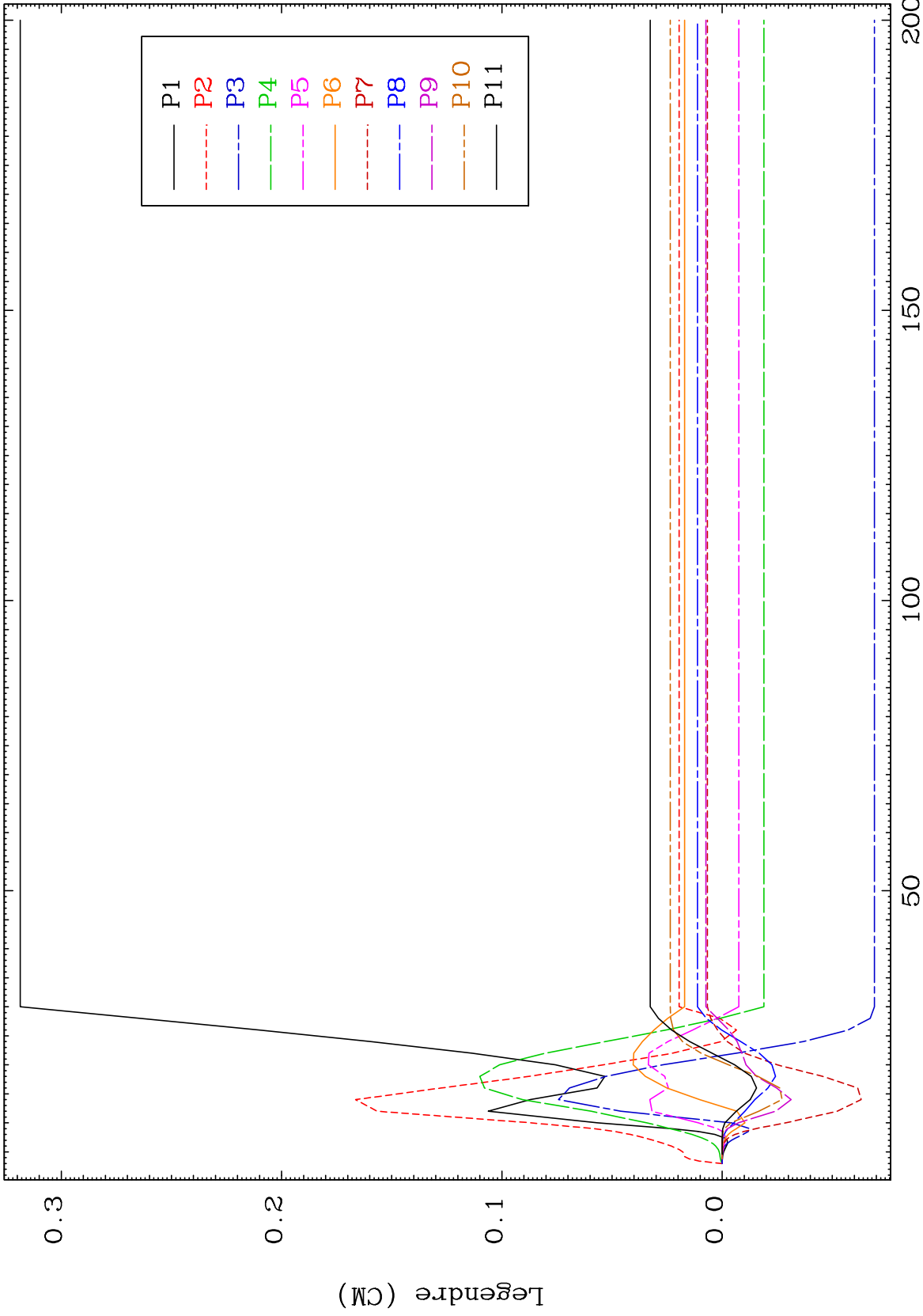
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

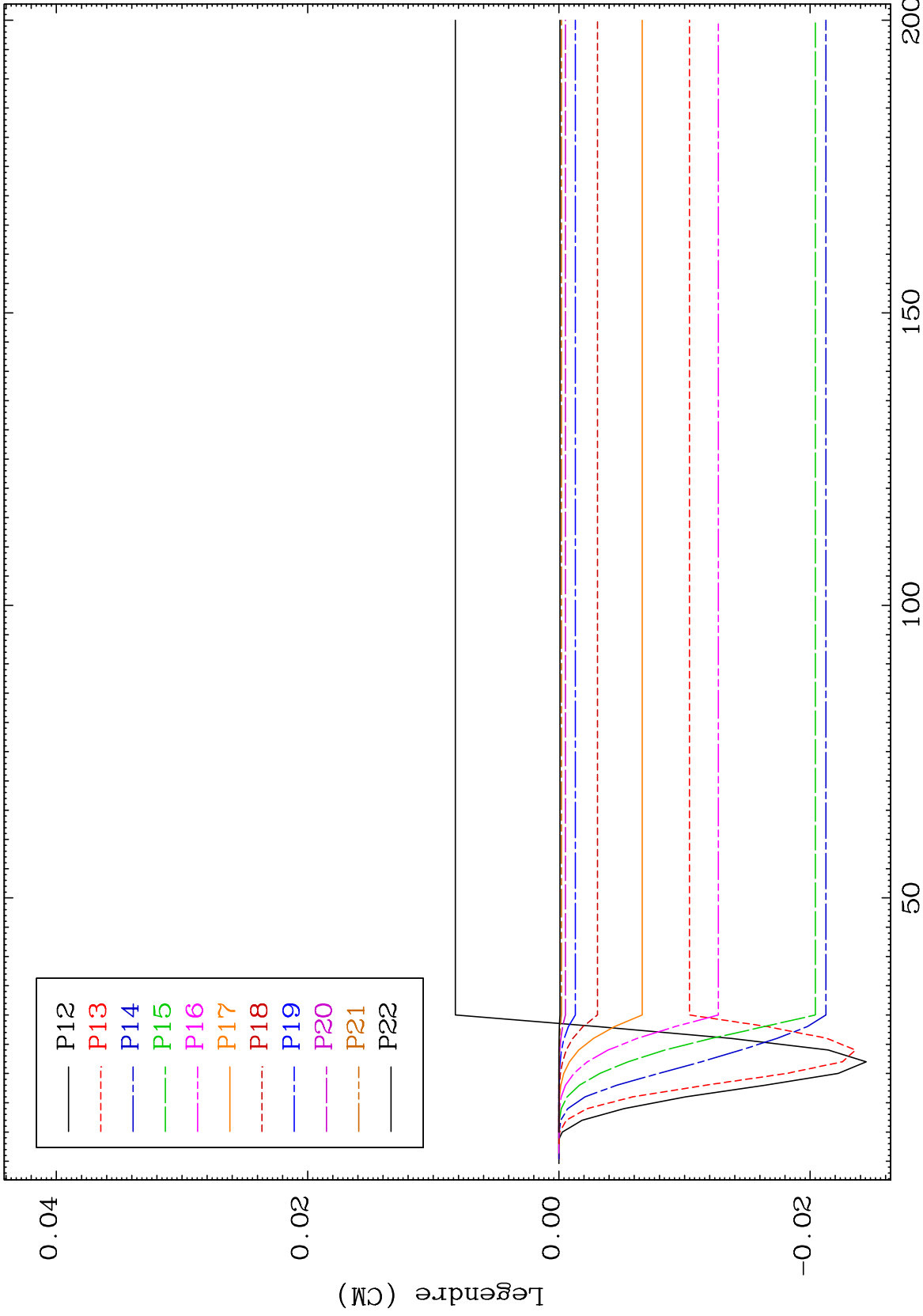
29-Cu-67



53

Incident Energy (MeV)

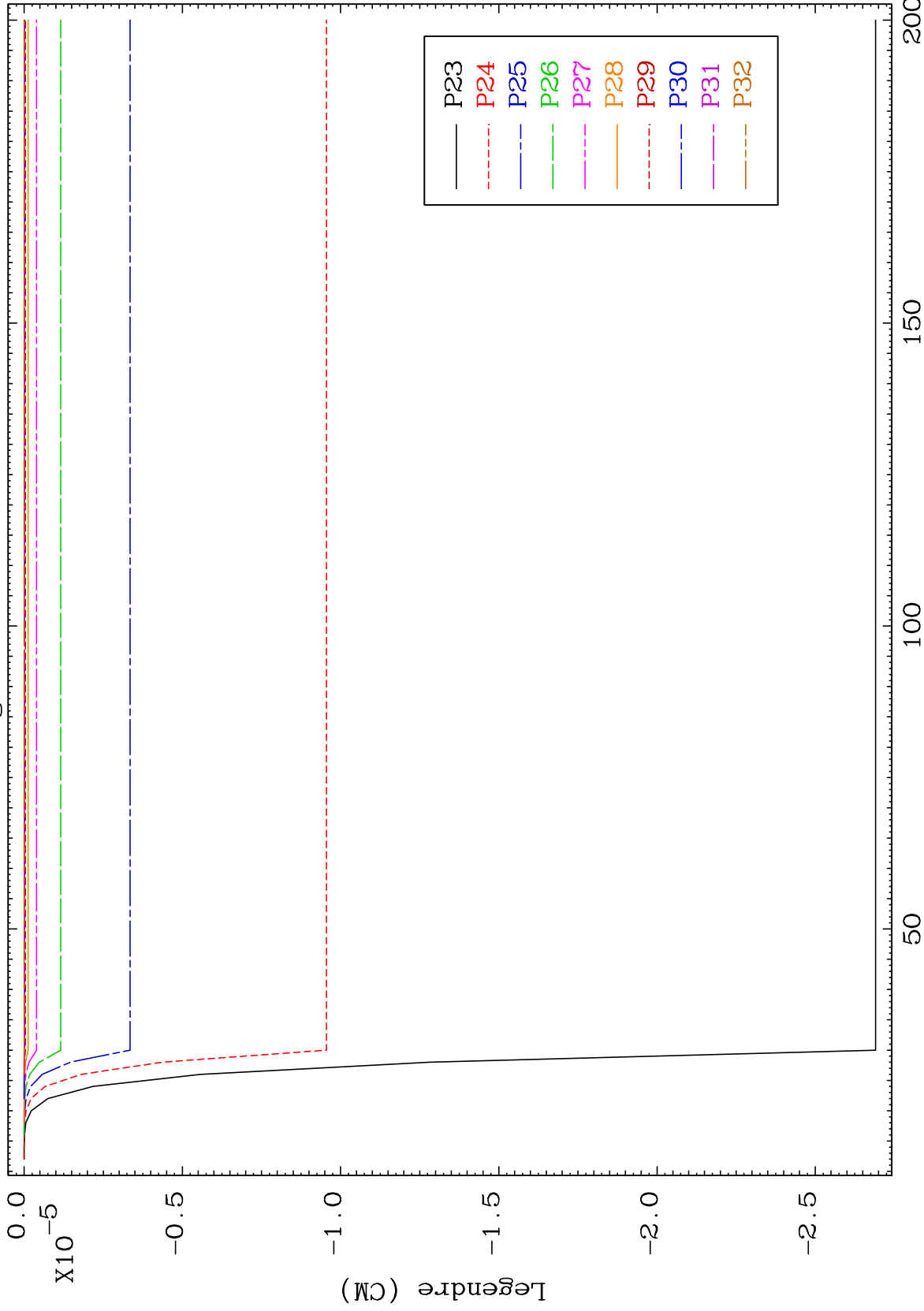
29-Cu-67



MAT 2937

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

29-Cu-67



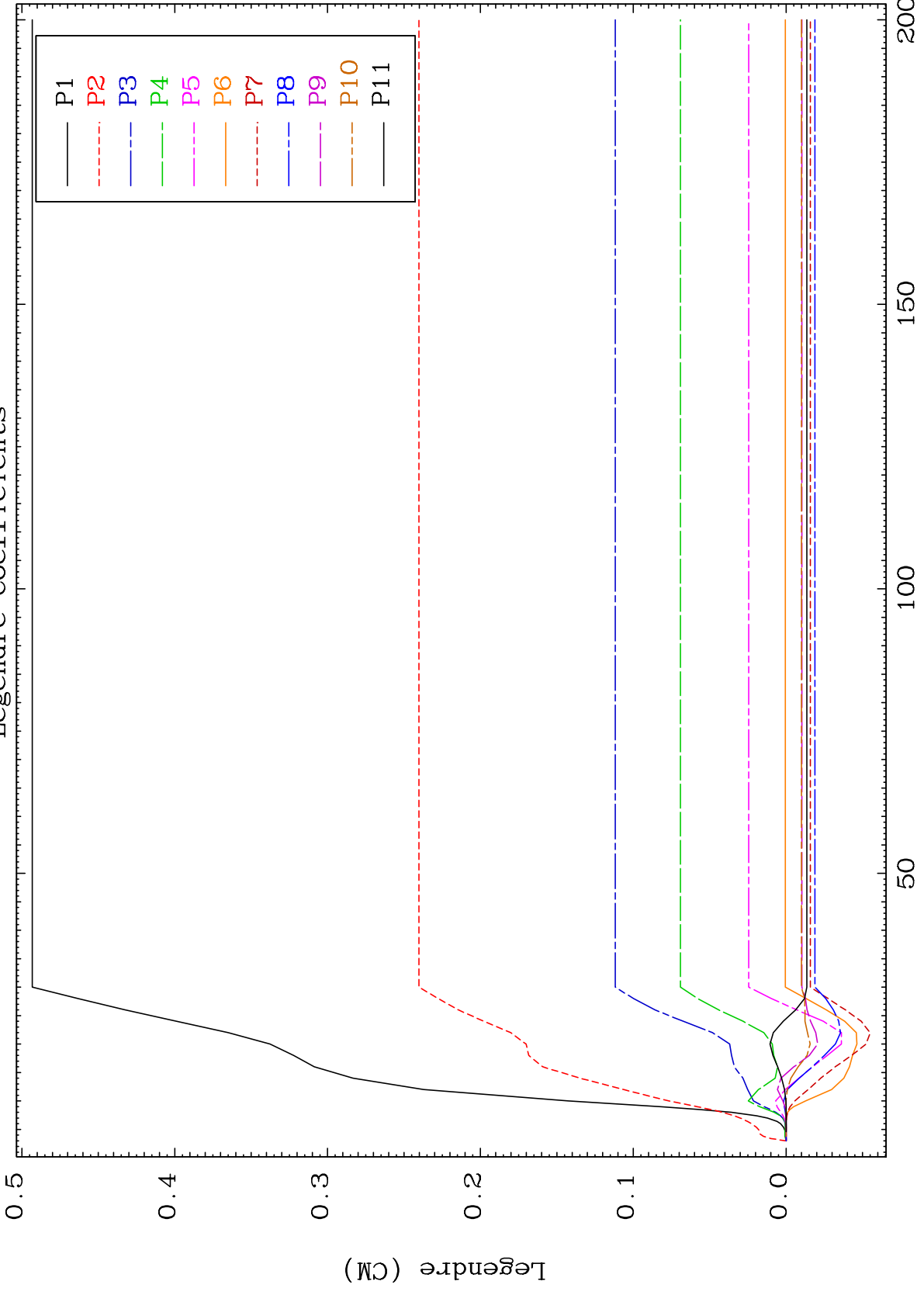
55

29-Cu-67

200



MAT 2937 MT= 63 (n,n') Level Legendre Coefficients 29-Cu-67

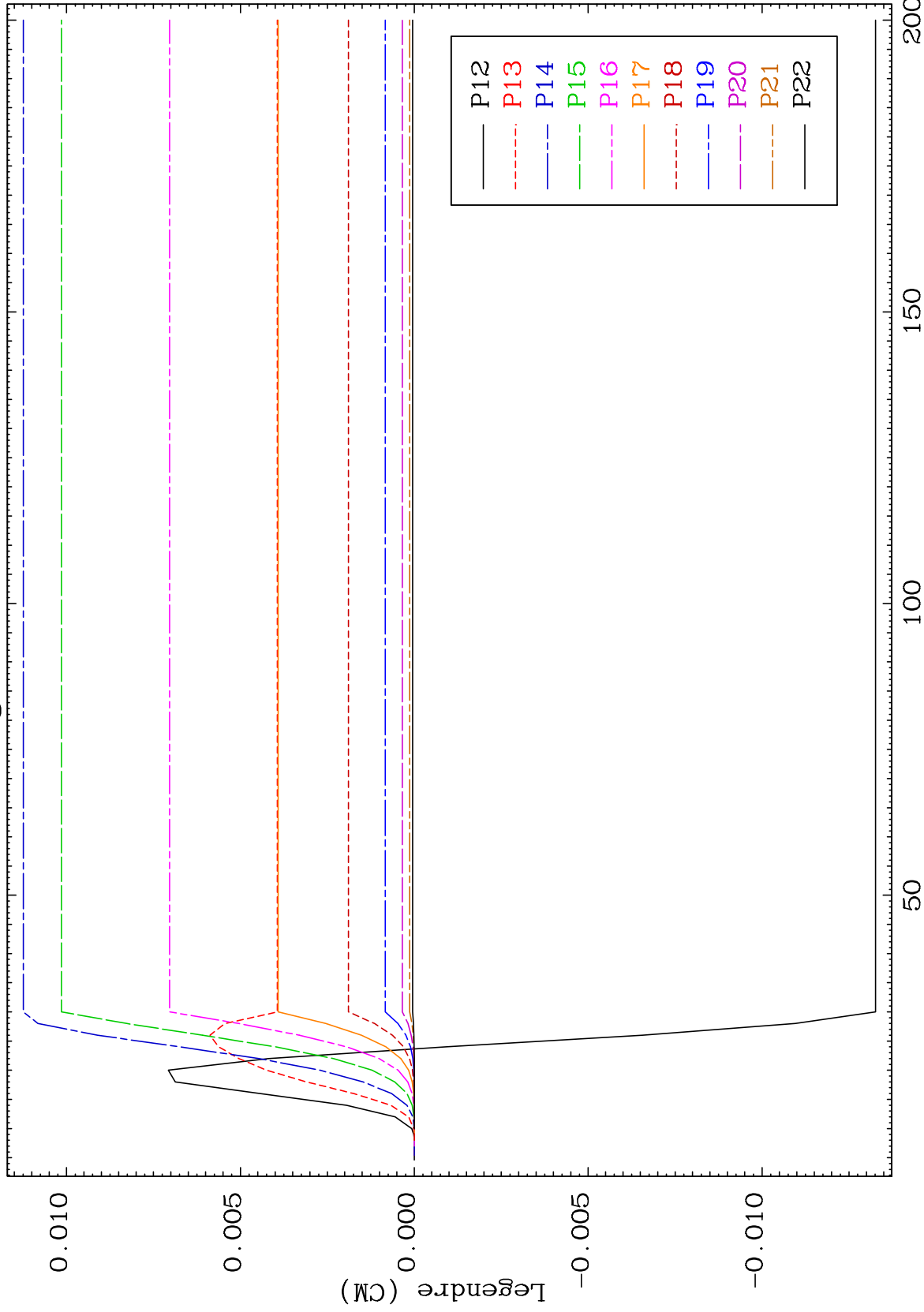


56 Incident Energy (MeV) 29-Cu-67

MAT 2937

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

29-Cu-67



57

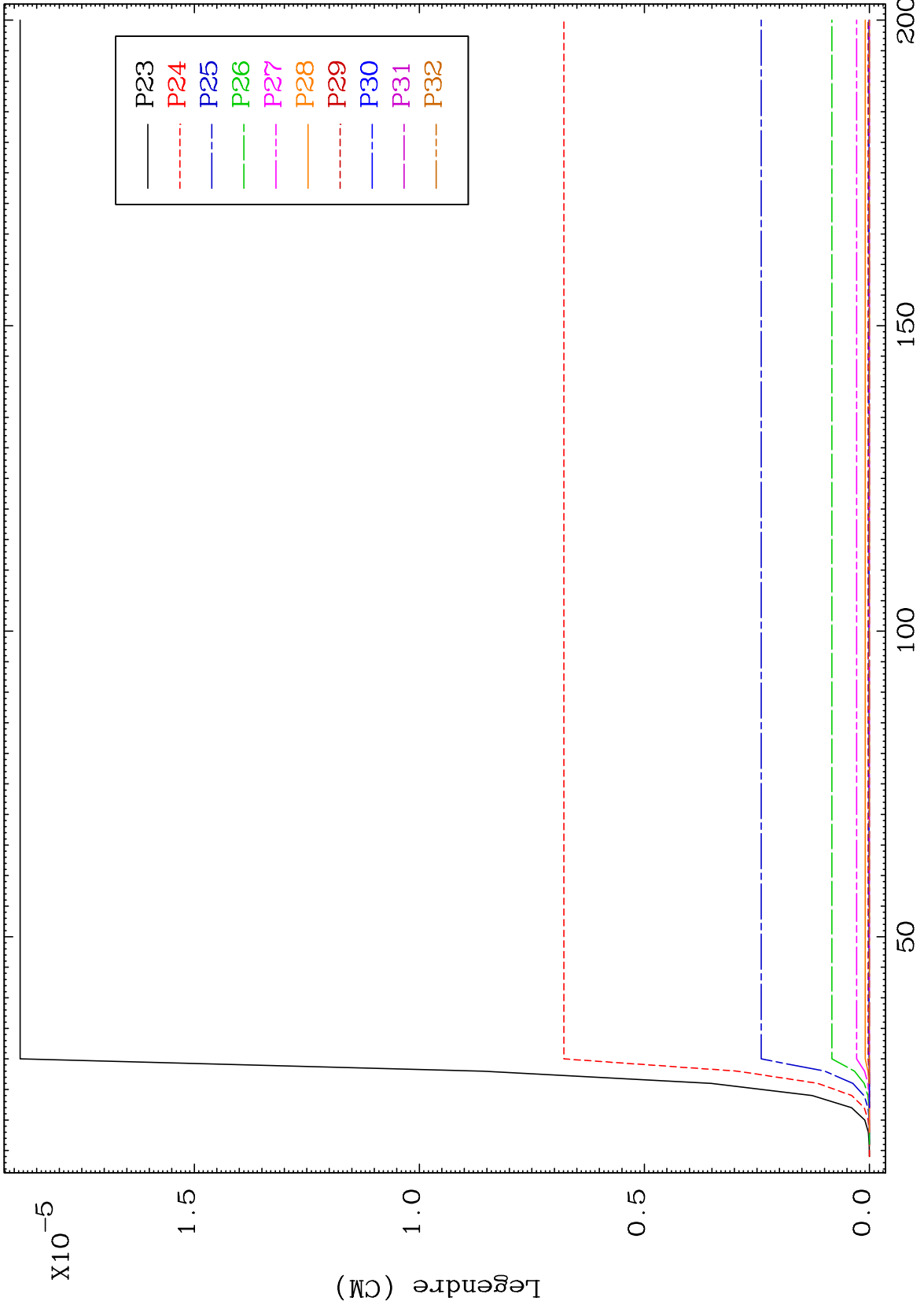
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67

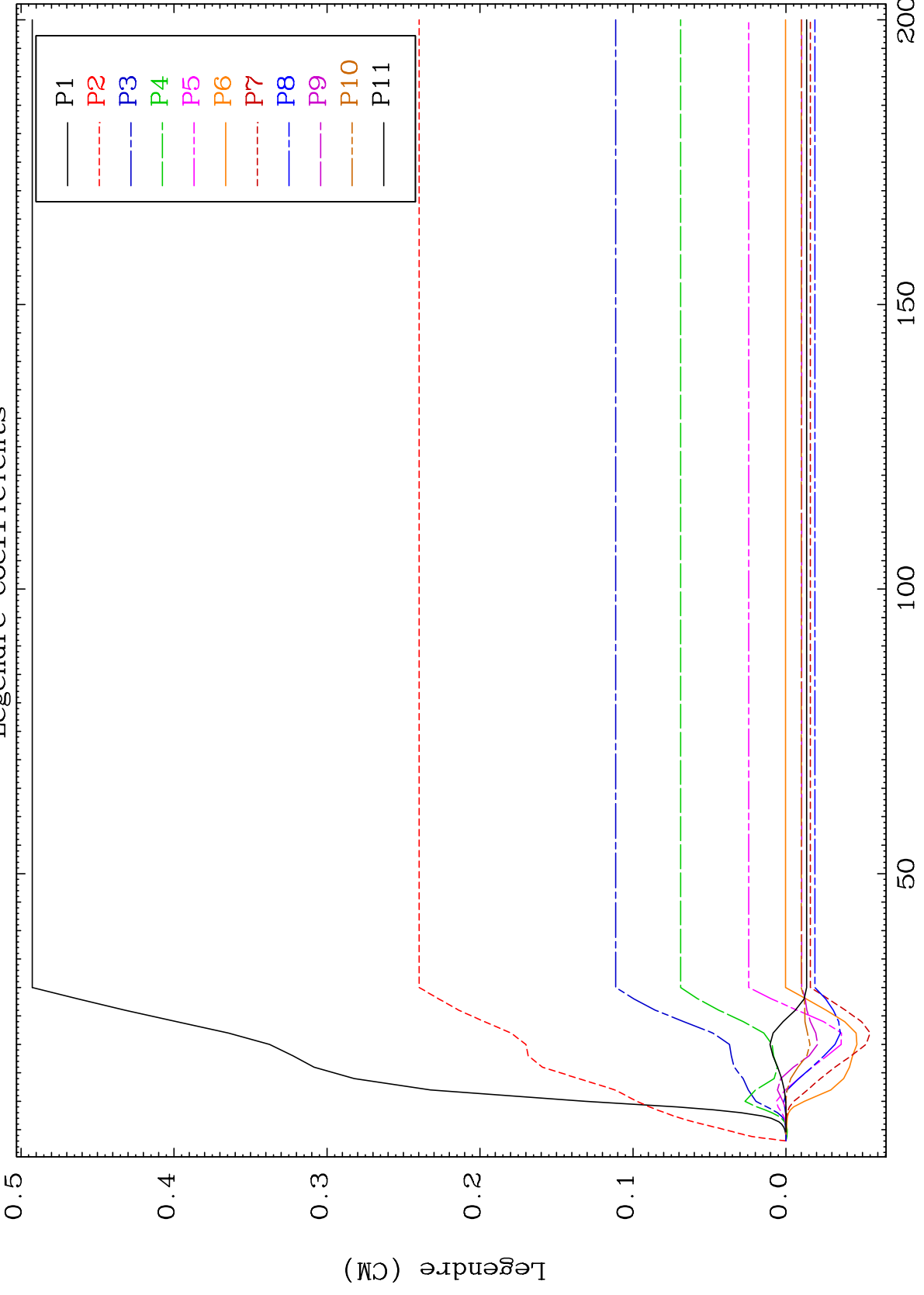


58

Incident Energy (MeV)

29-Cu-67

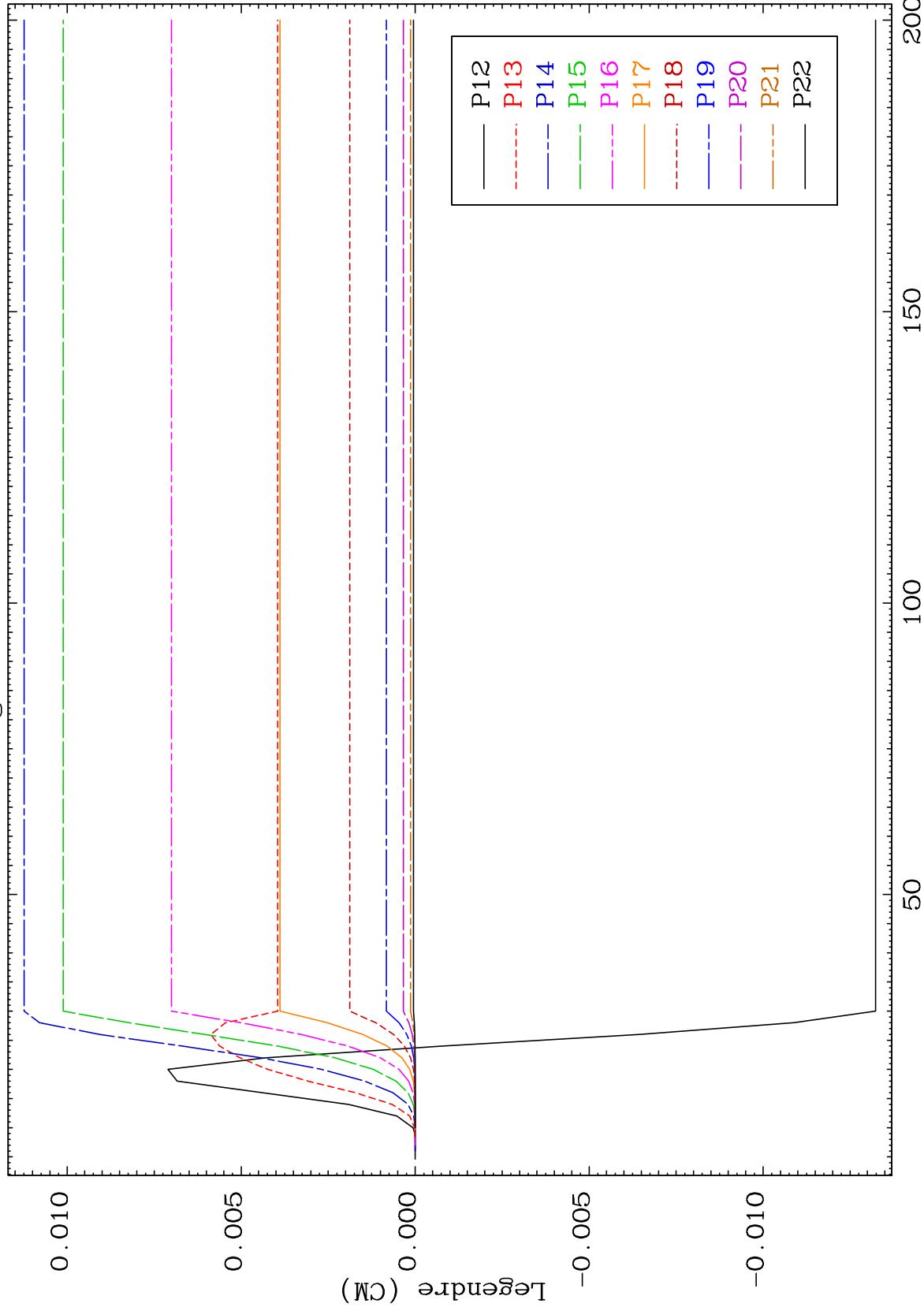
MAT 2937 MT= 64 (n,n') Level Legendre Coefficients 29-Cu-67



MAT 2937

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

29-Cu-67



60

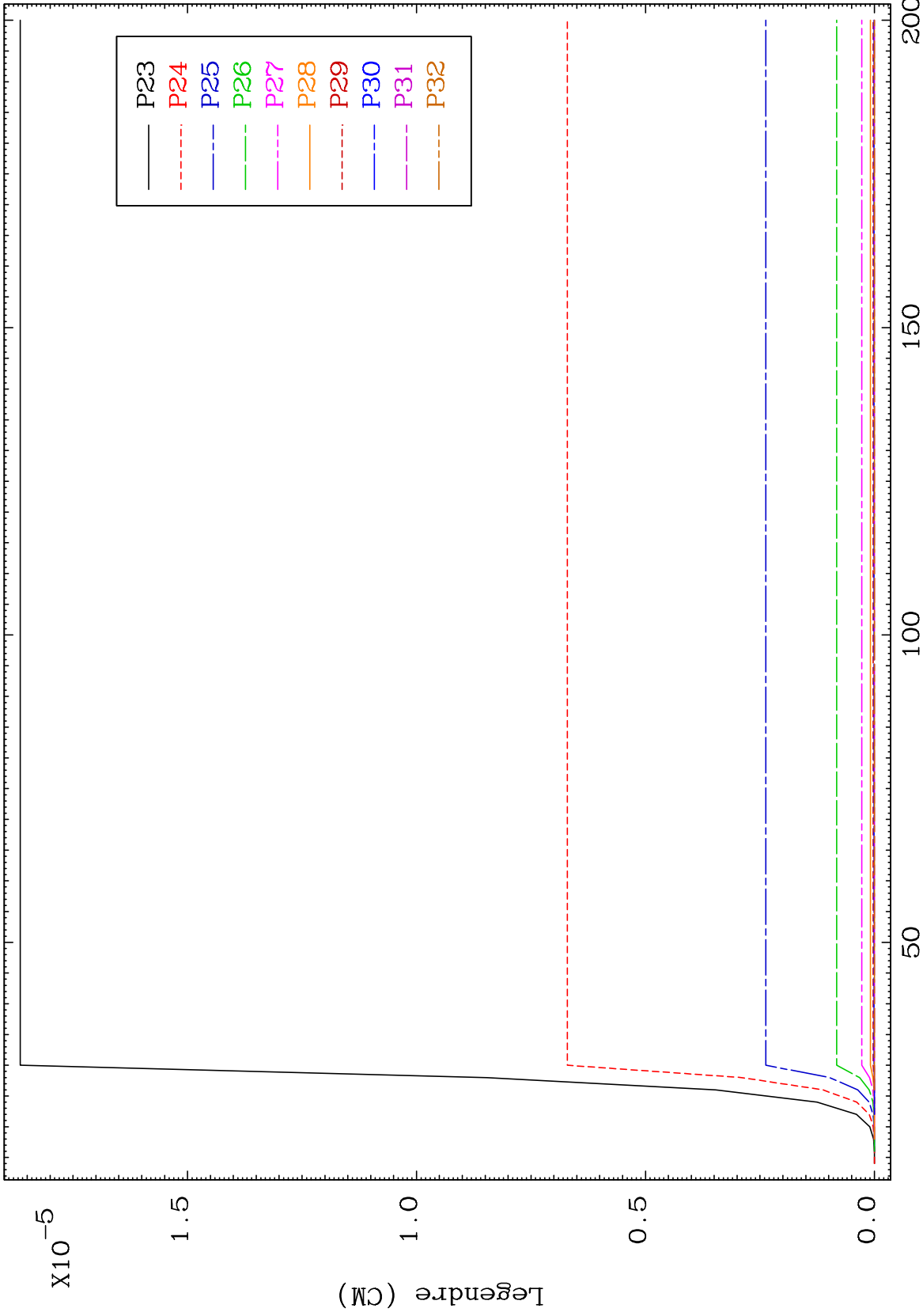
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



61

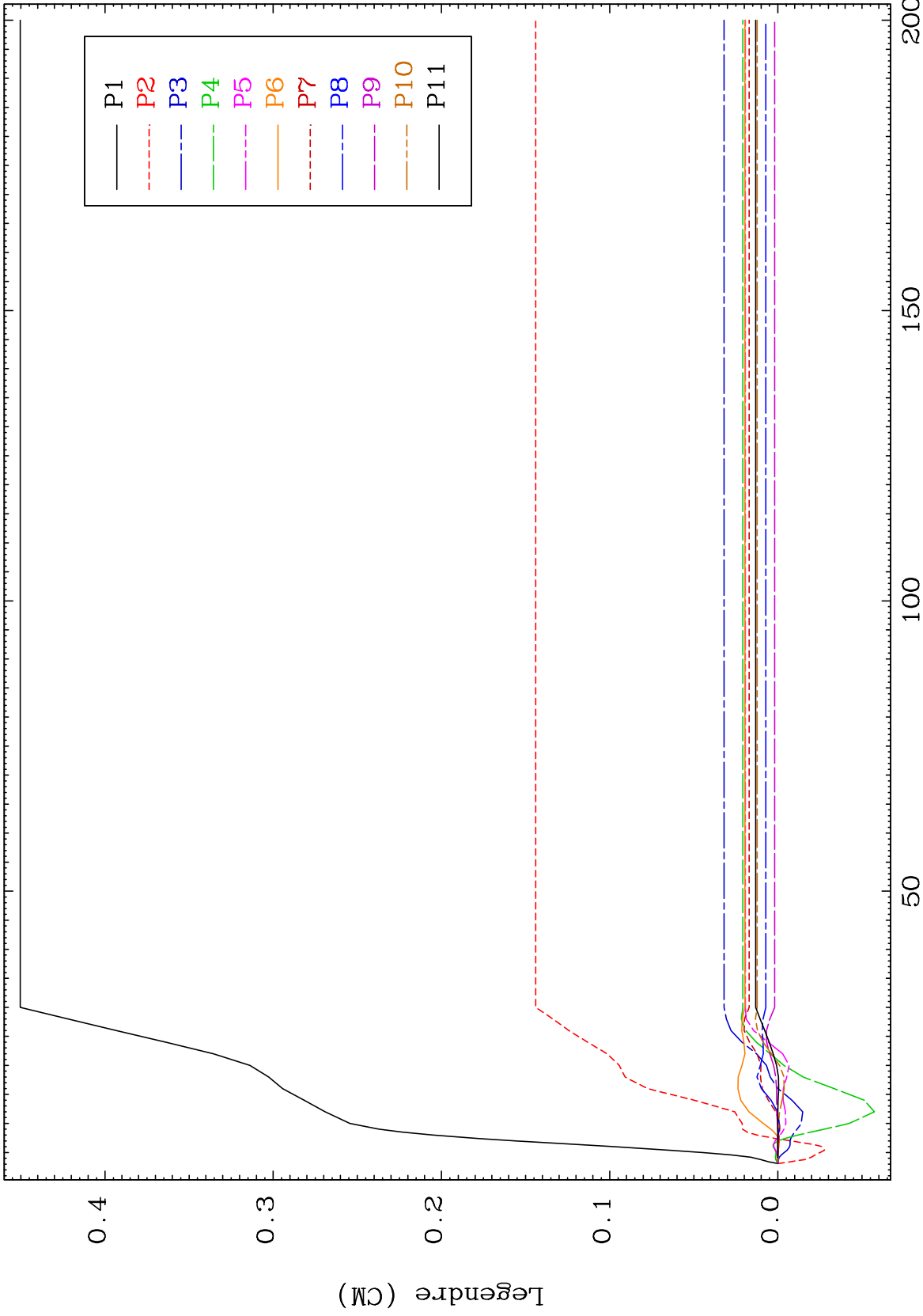
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



62

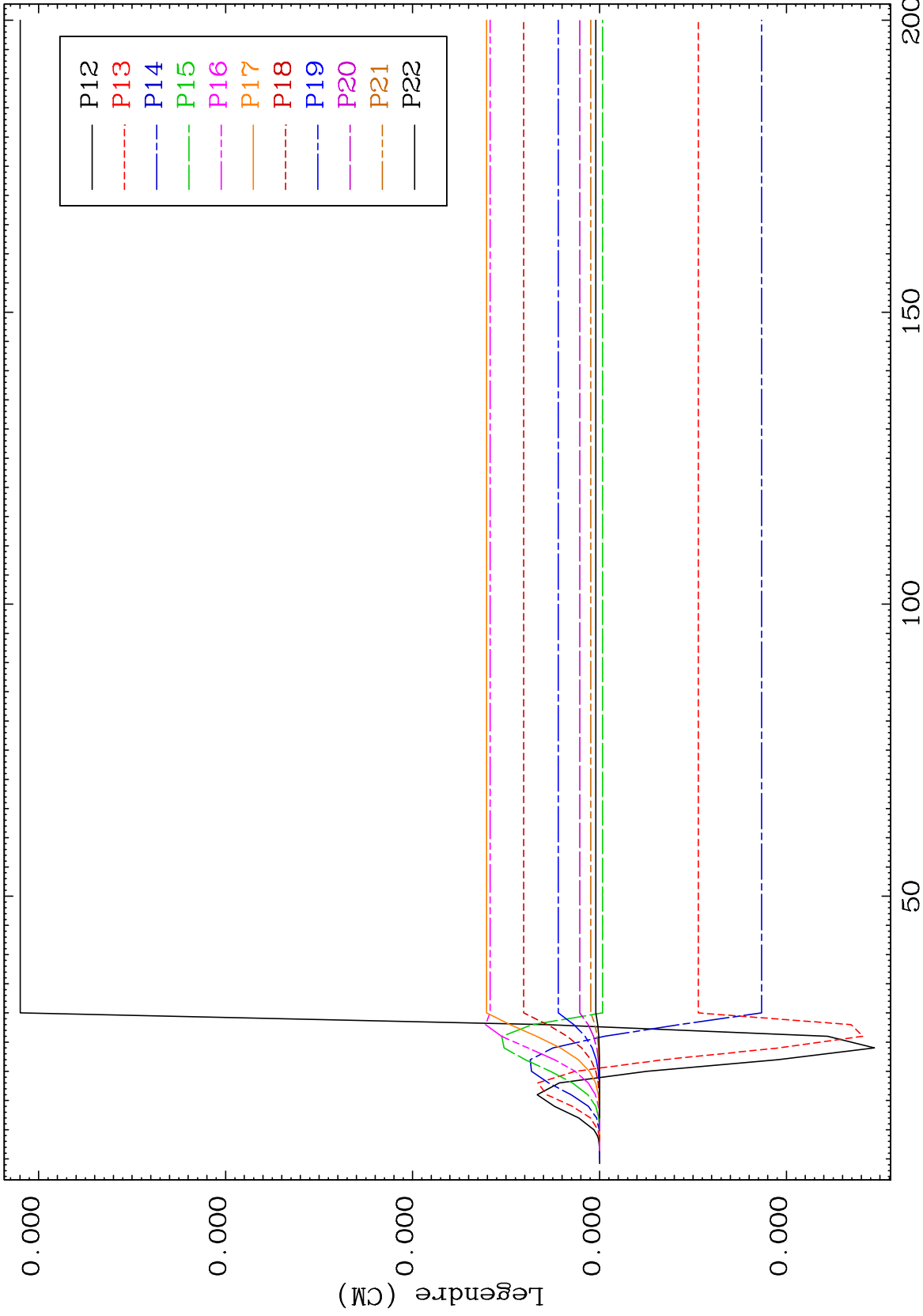
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



63

Incident Energy (MeV)

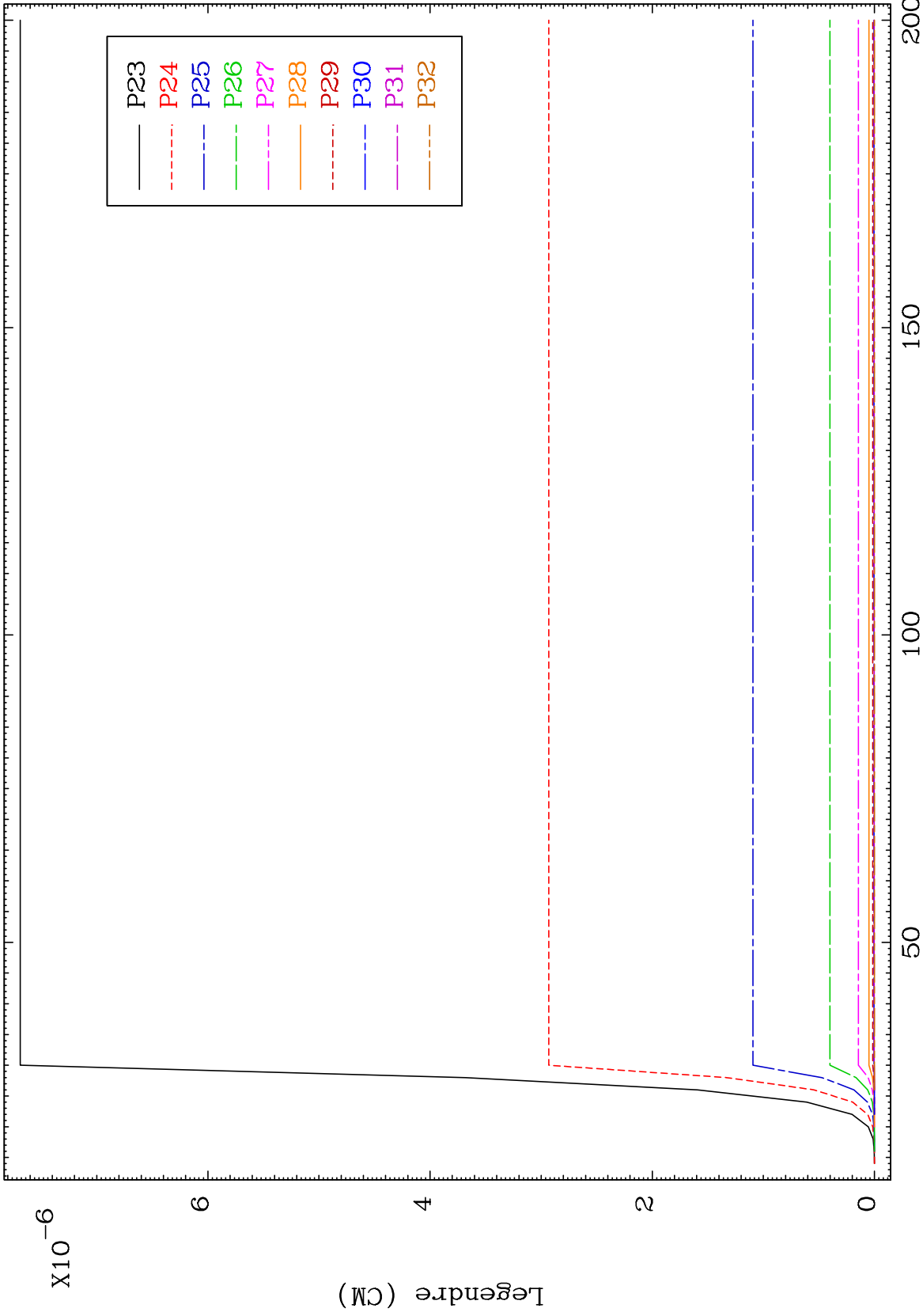
29-Cu-67



MAT 2937

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

29-Cu-67

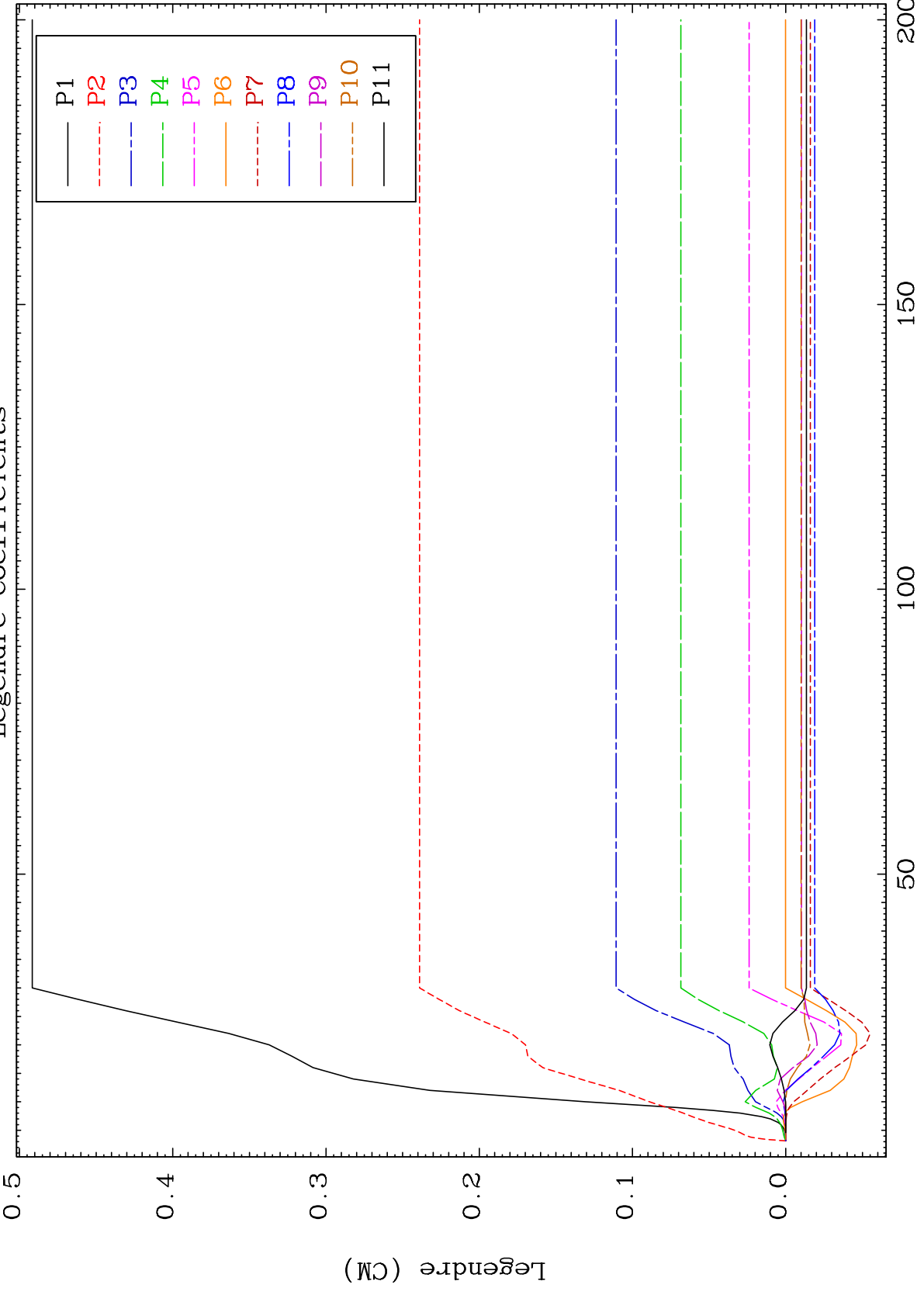


64

Incident Energy (MeV)

29-Cu-67

MAT 2937 MT= 66 (n,n') Level Legendre Coefficients 29-Cu-67

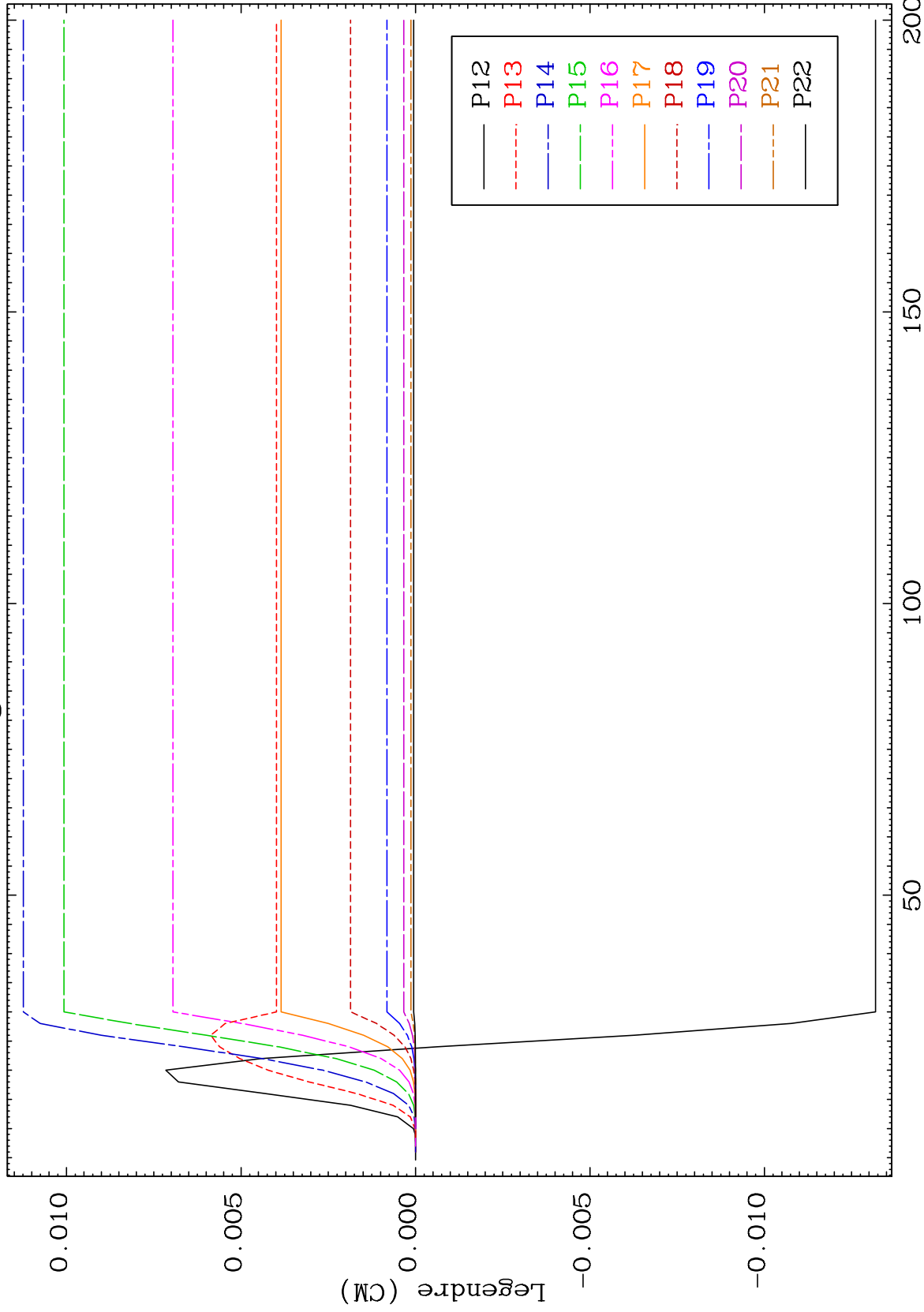


65 50 100 150 200 29-Cu-67

MAT 2937

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

29-Cu-67



66

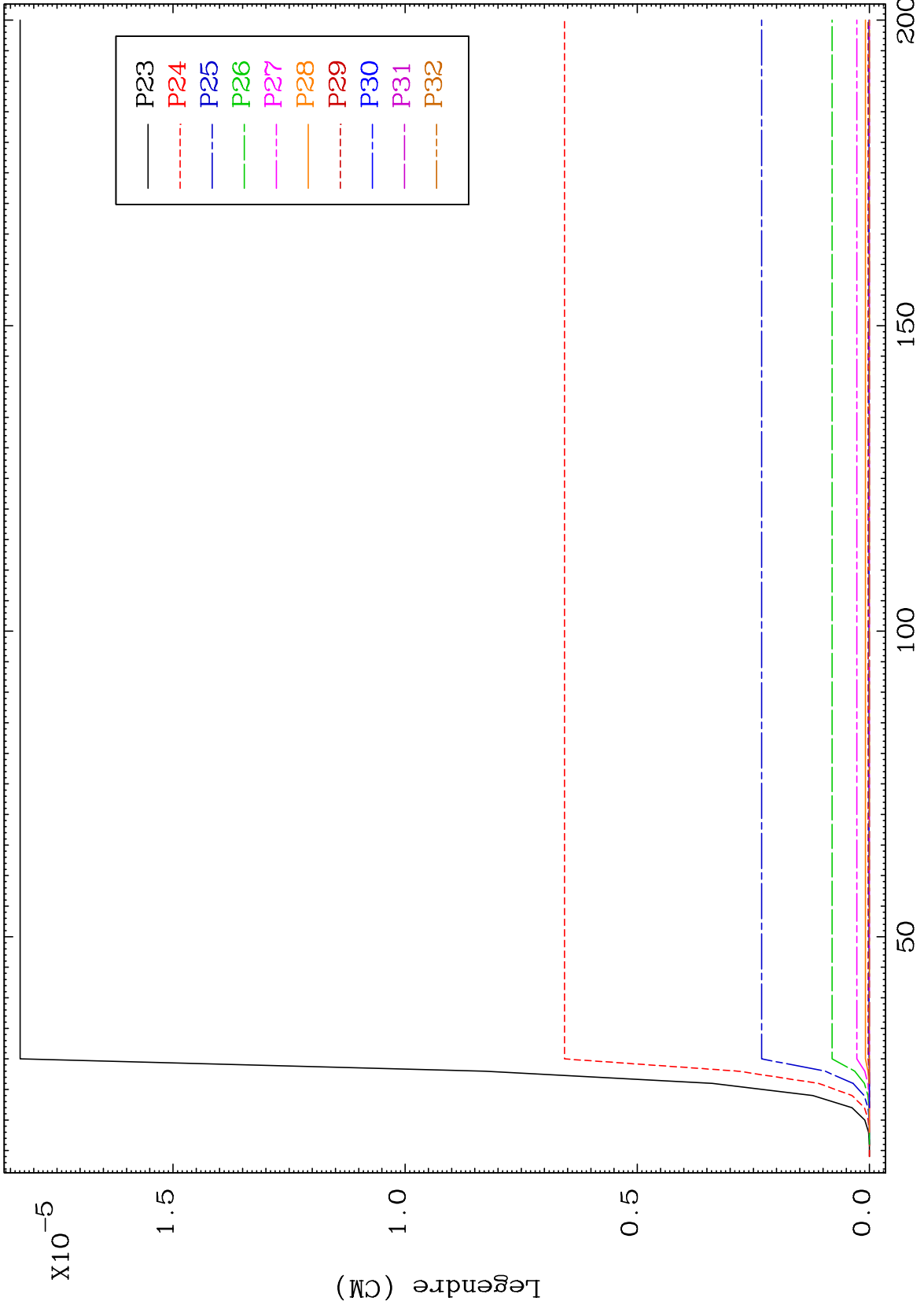
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



67

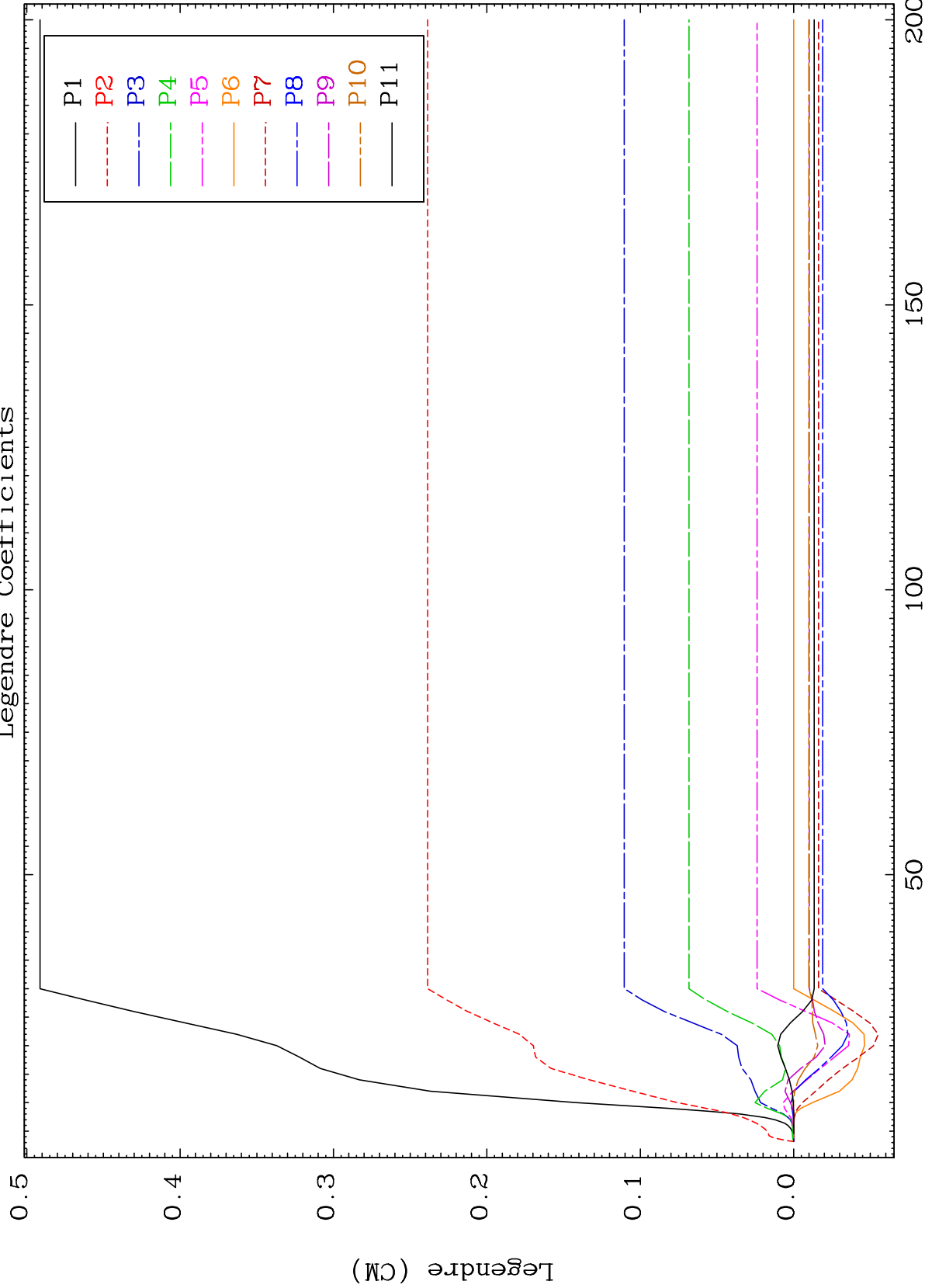
Incident Energy (MeV)

29-Cu-67

MAT 2937 MT= 67 (n,n') Level Legendre Coefficients

29-Cu-67

29-Cu-67

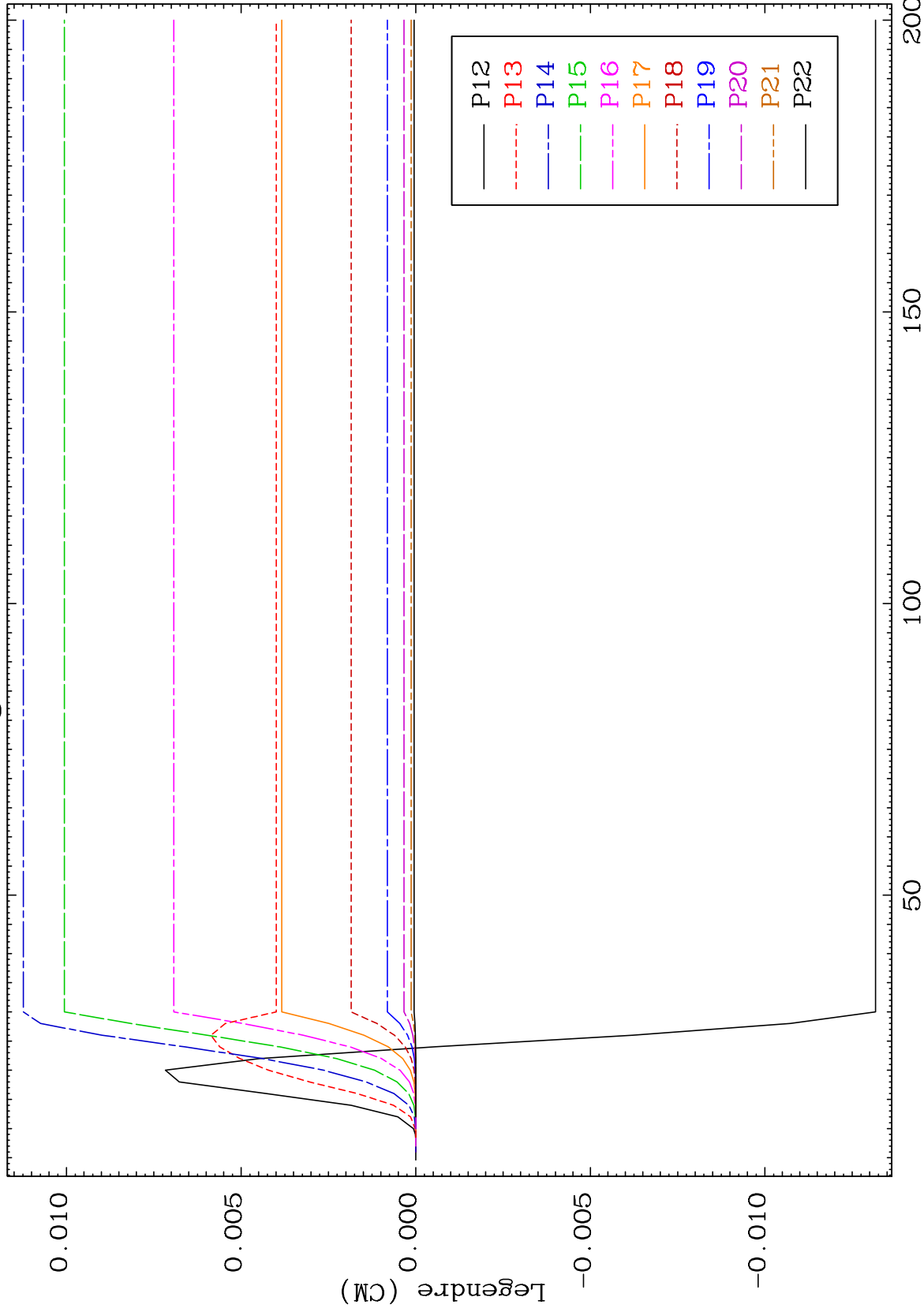


68

MAT 2937

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

29-Cu-67



69

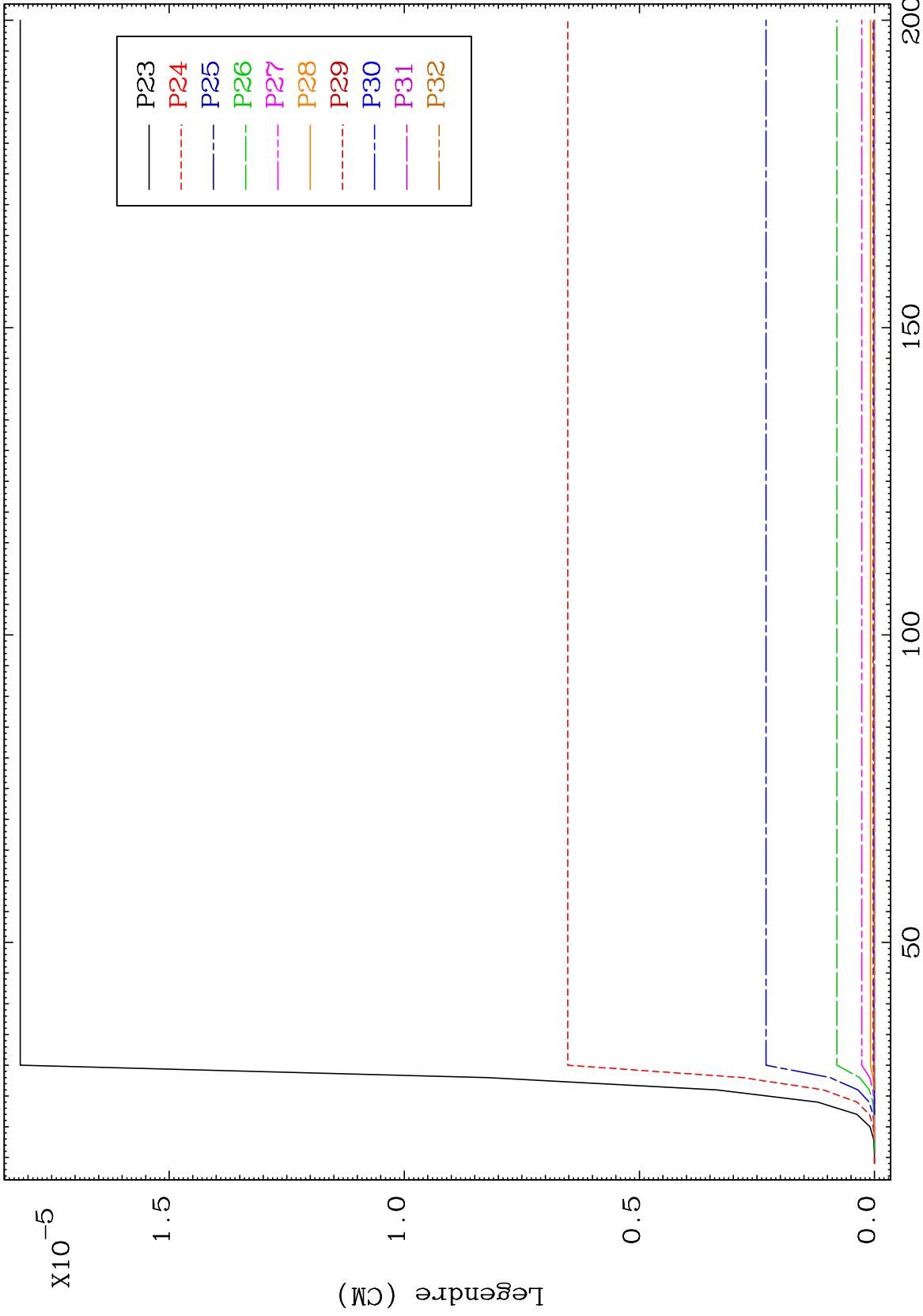
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67

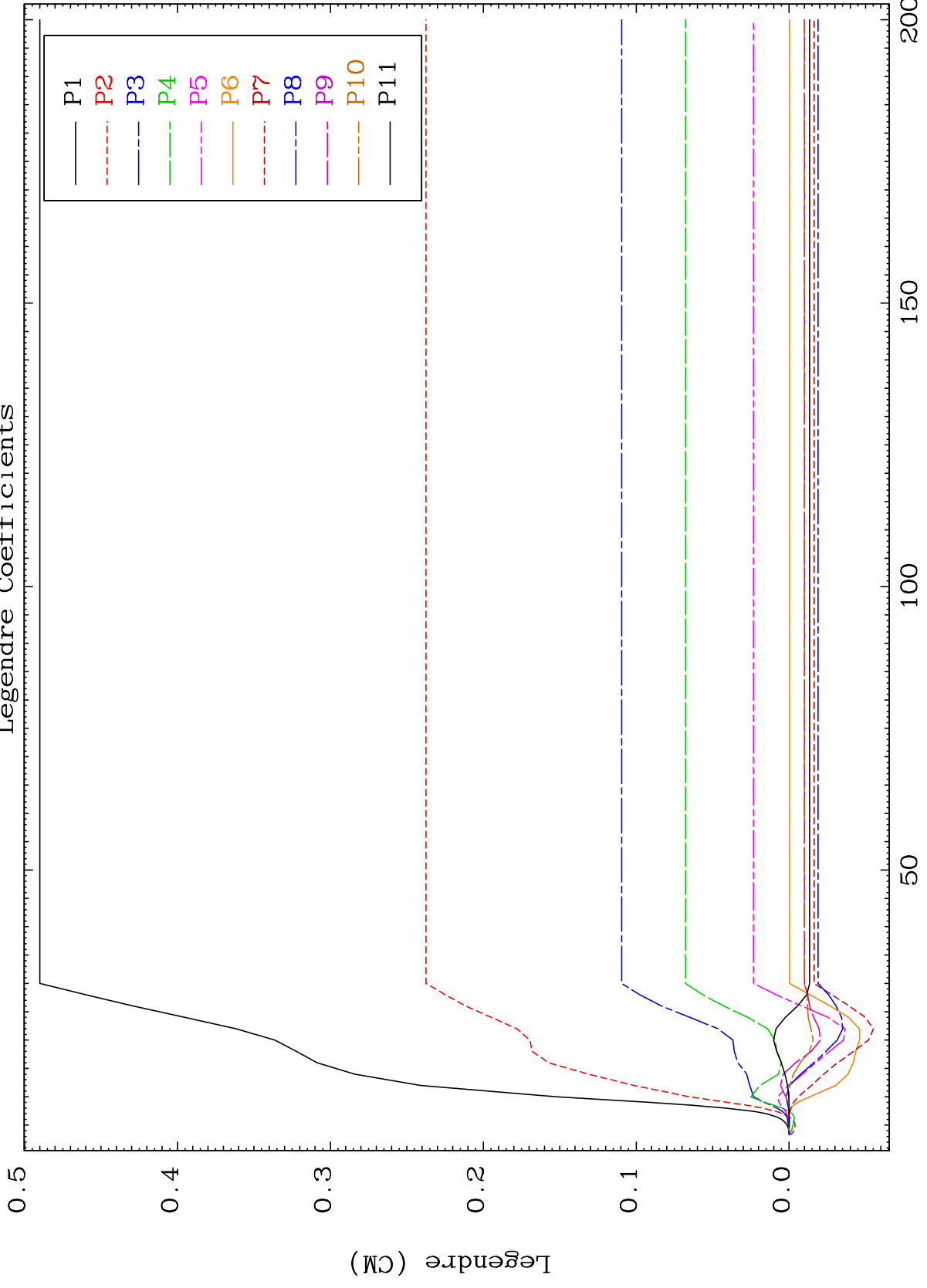


70

Incident Energy (MeV)

29-Cu-67

MAT 2937 MT= 68 (n,n') Level Legendre Coefficients 29-Cu-67



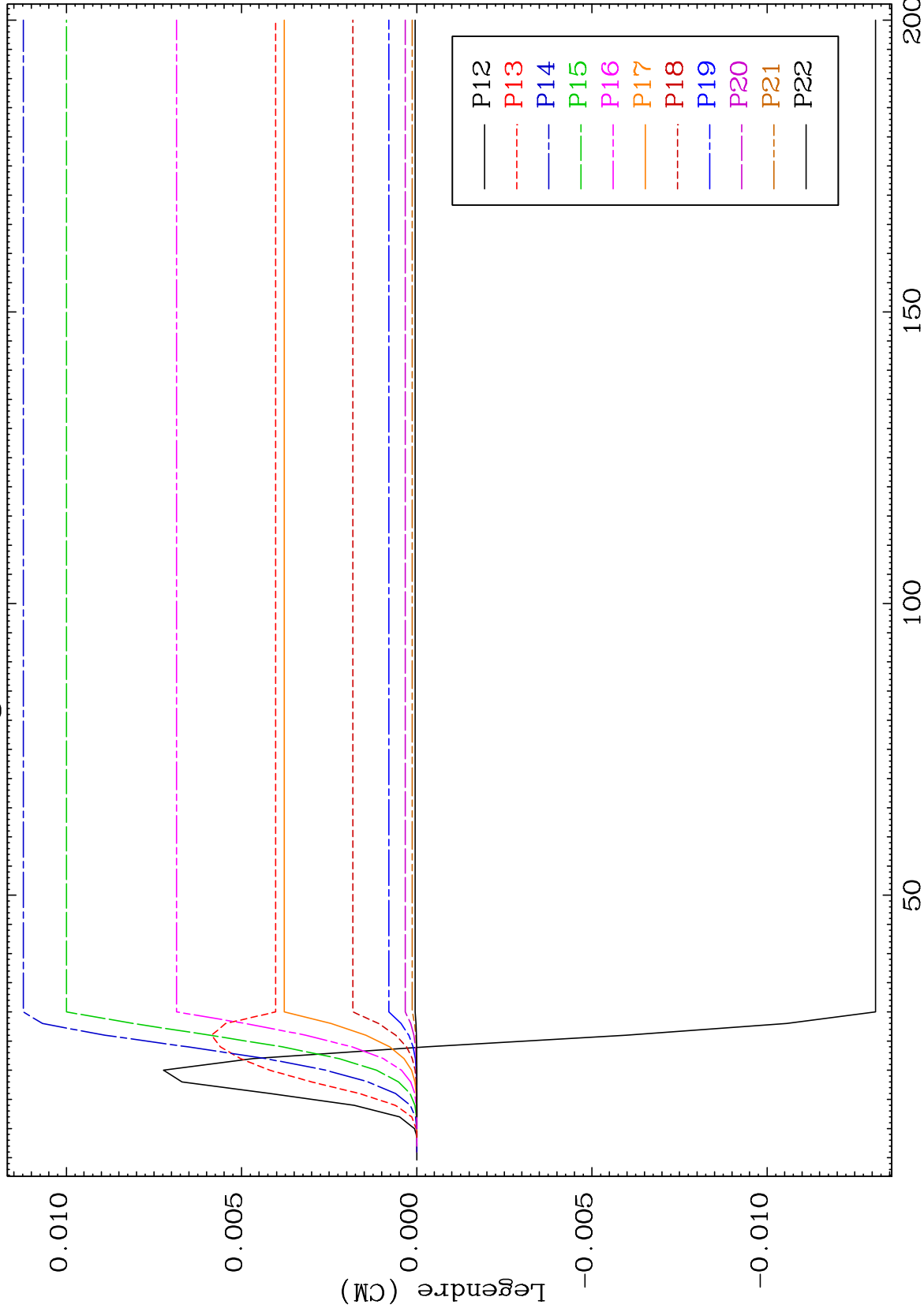
71 29-Cu-67



MAT 2937

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

29-Cu-67



72

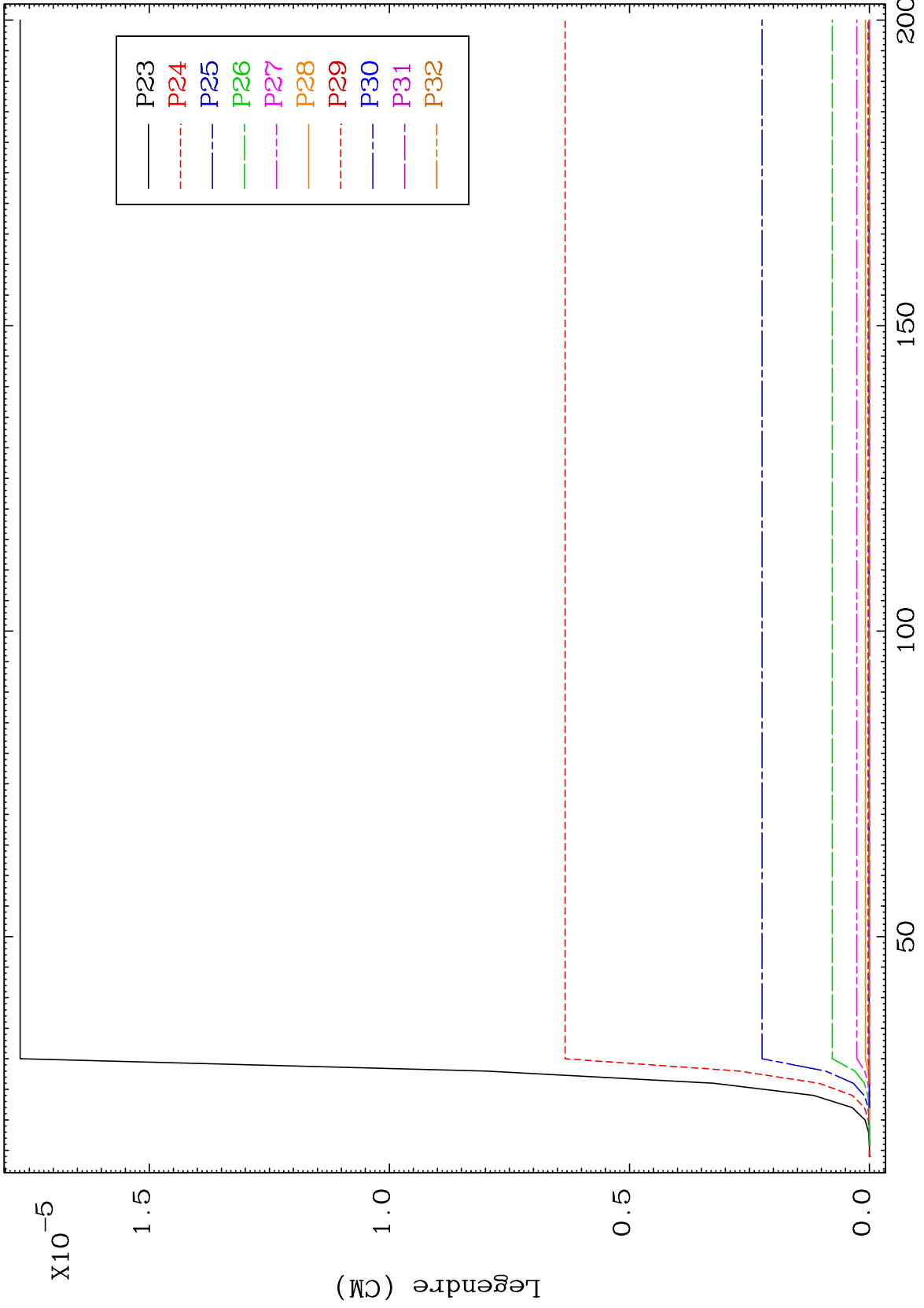
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



73

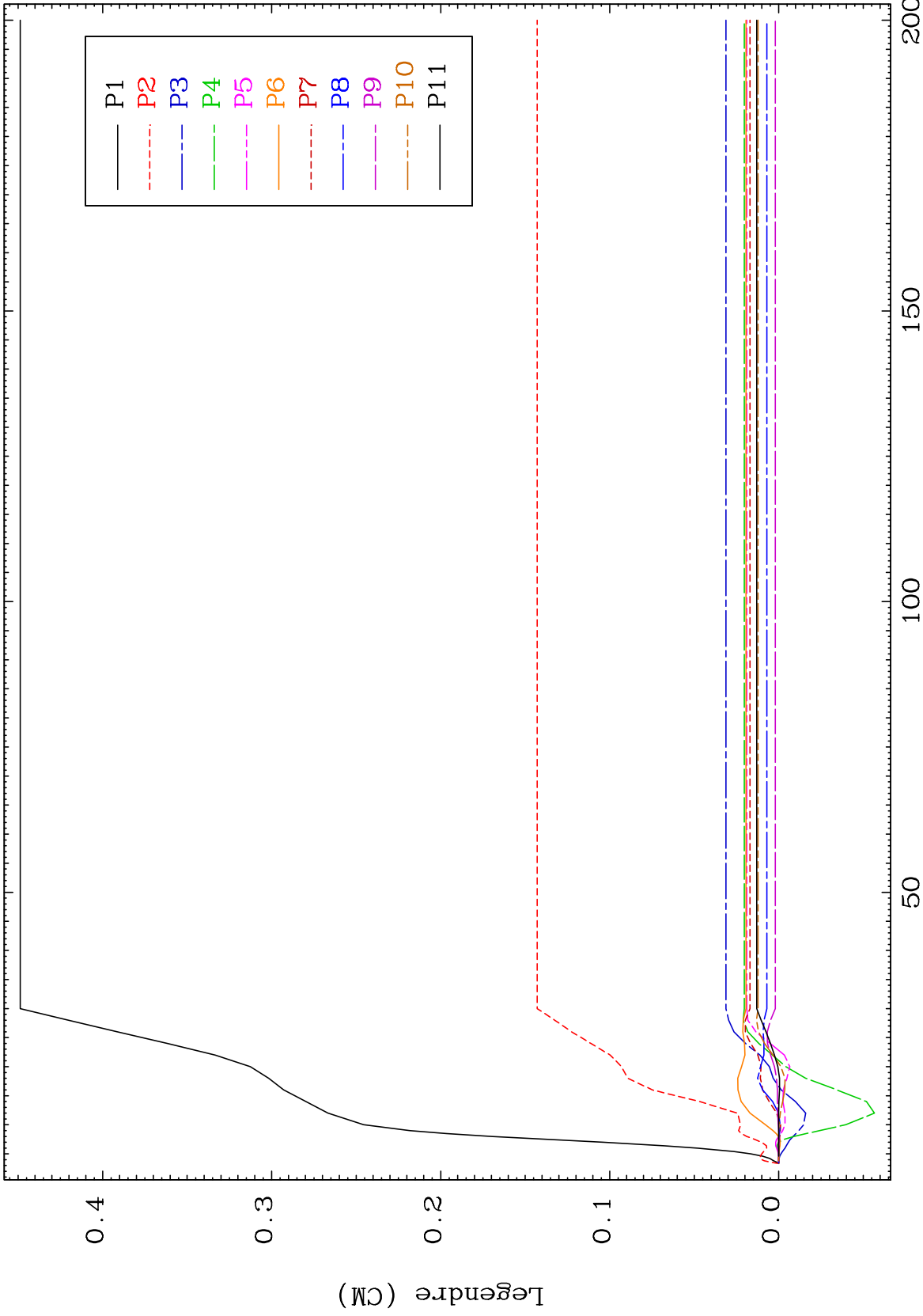
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



74

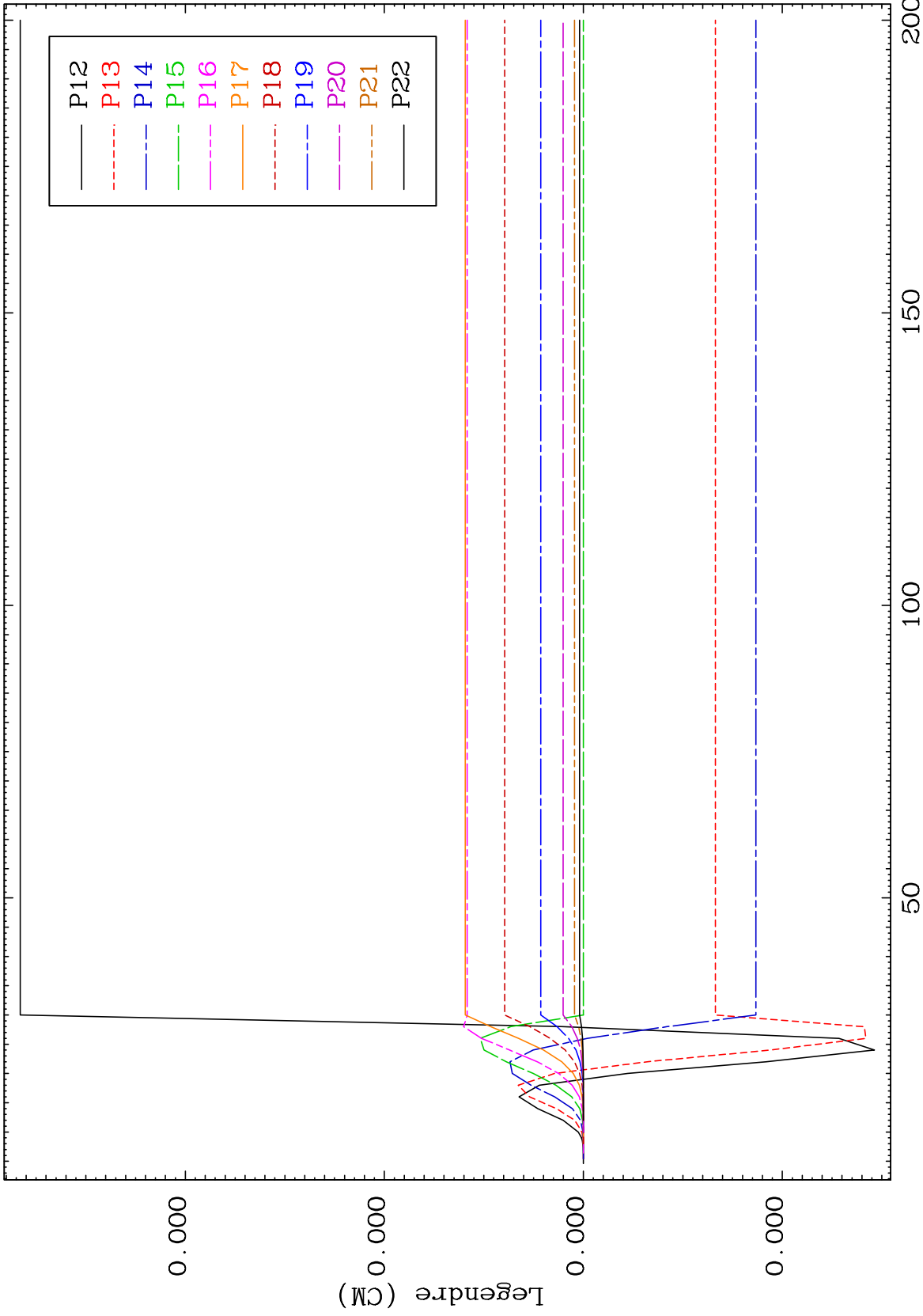
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



75

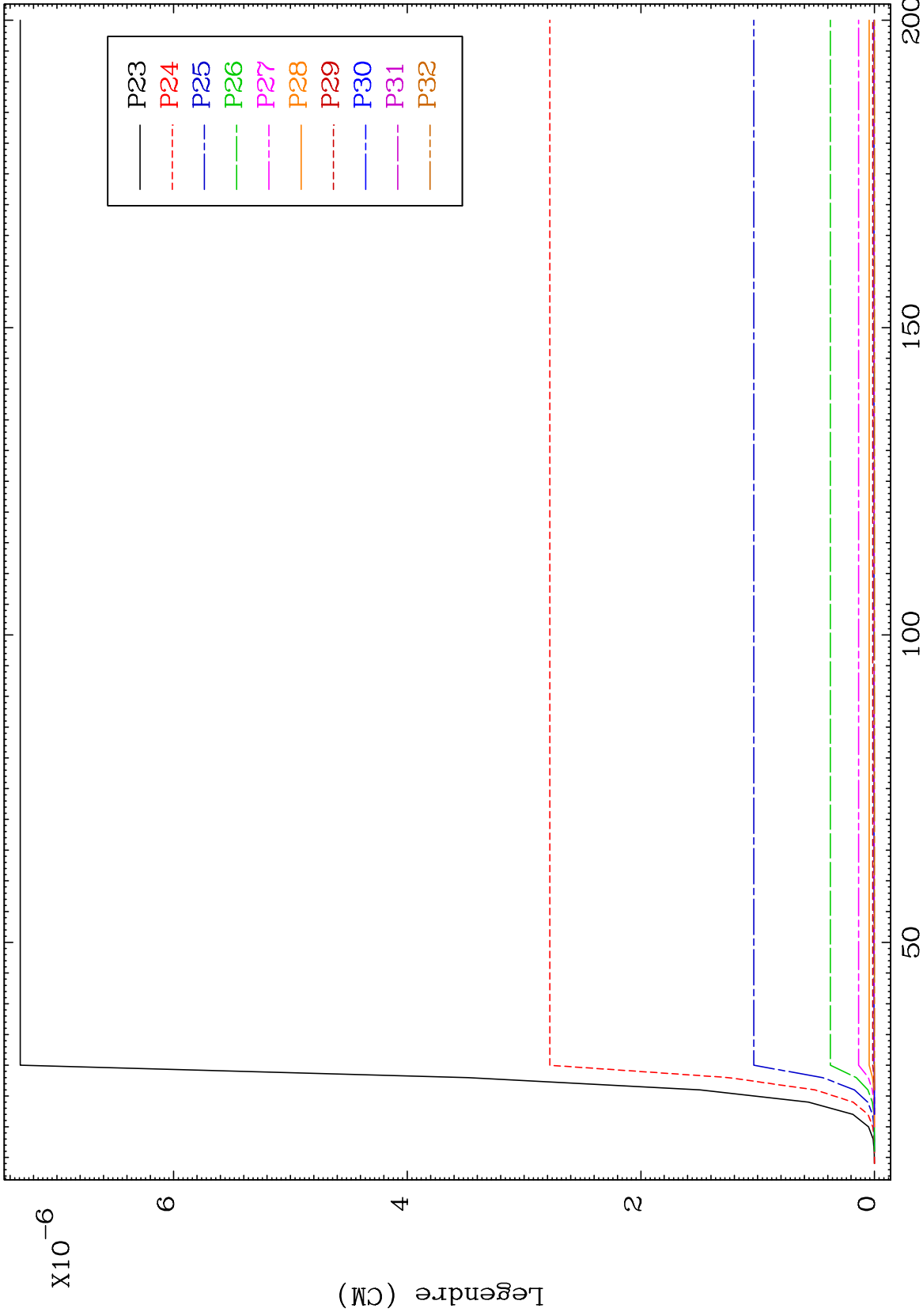
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



76

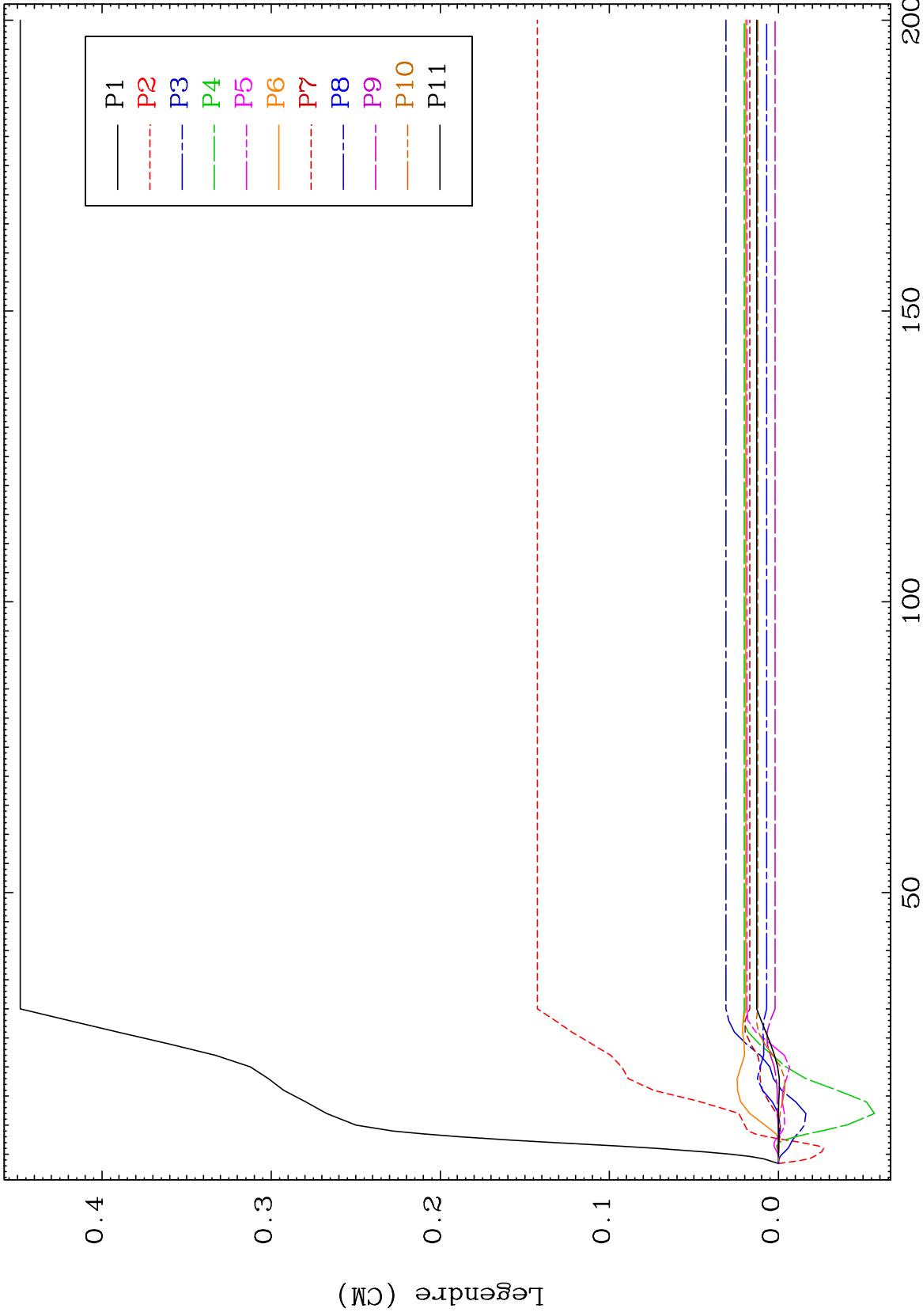
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



77

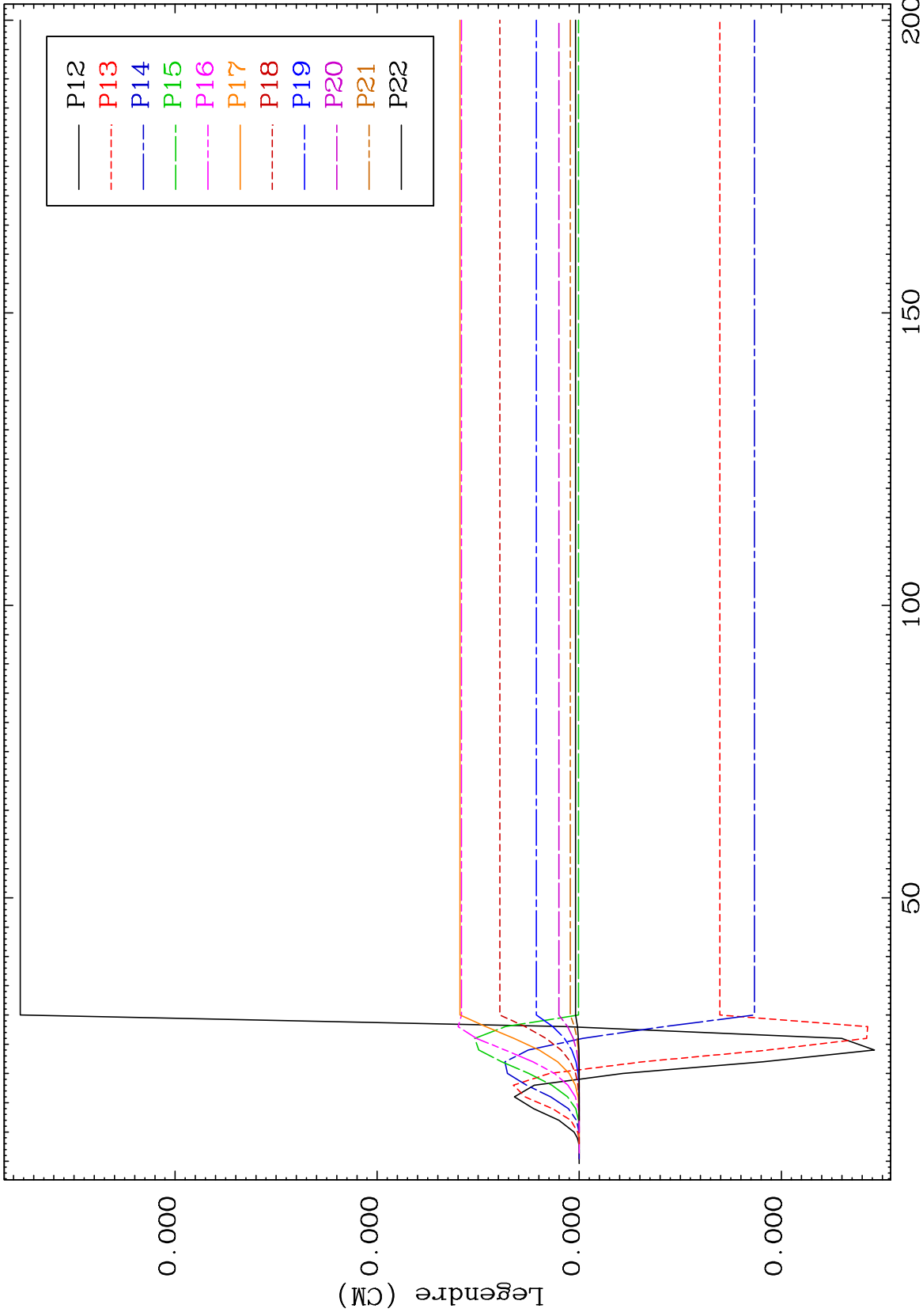
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



78

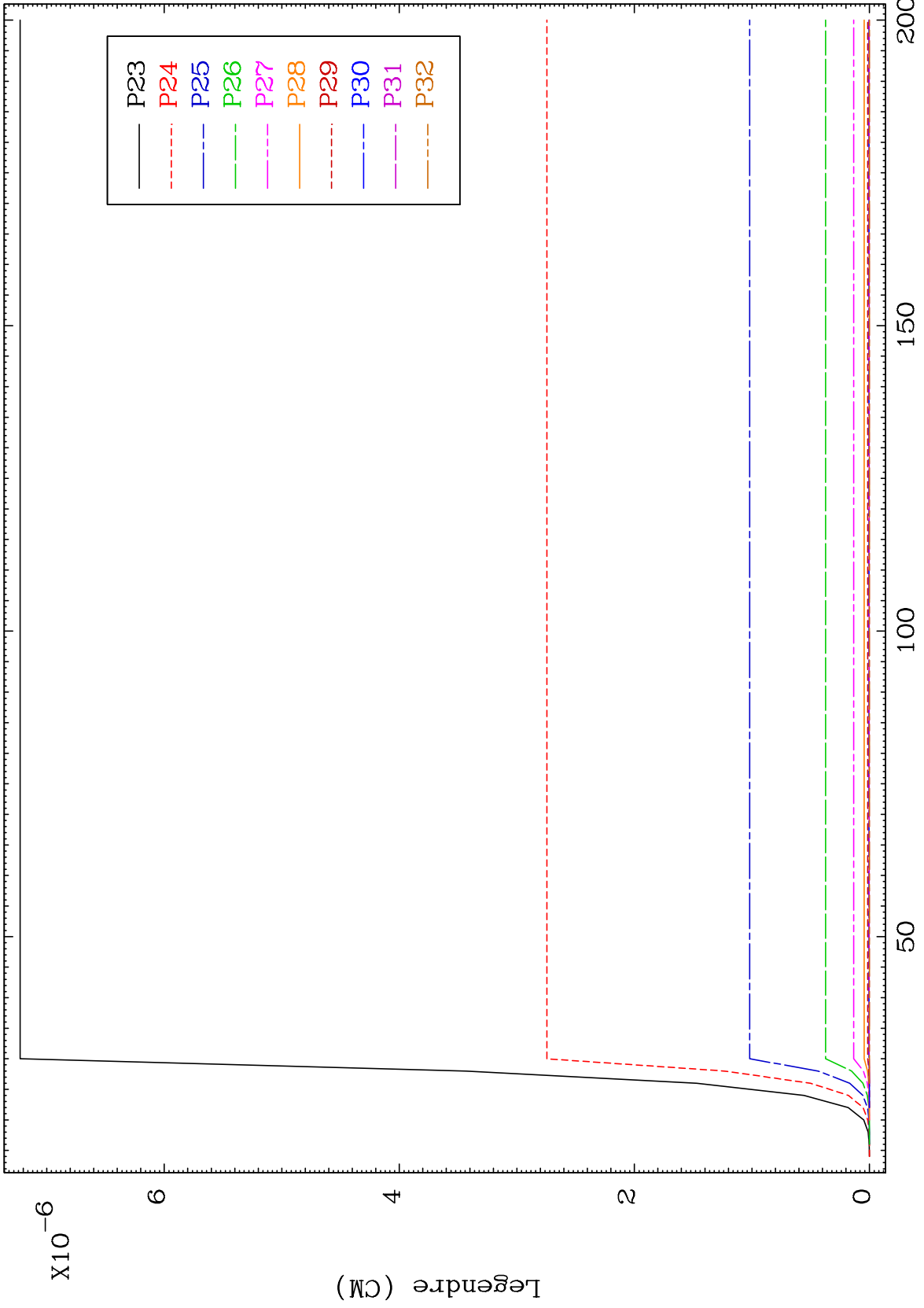
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



79

Incident Energy (MeV)

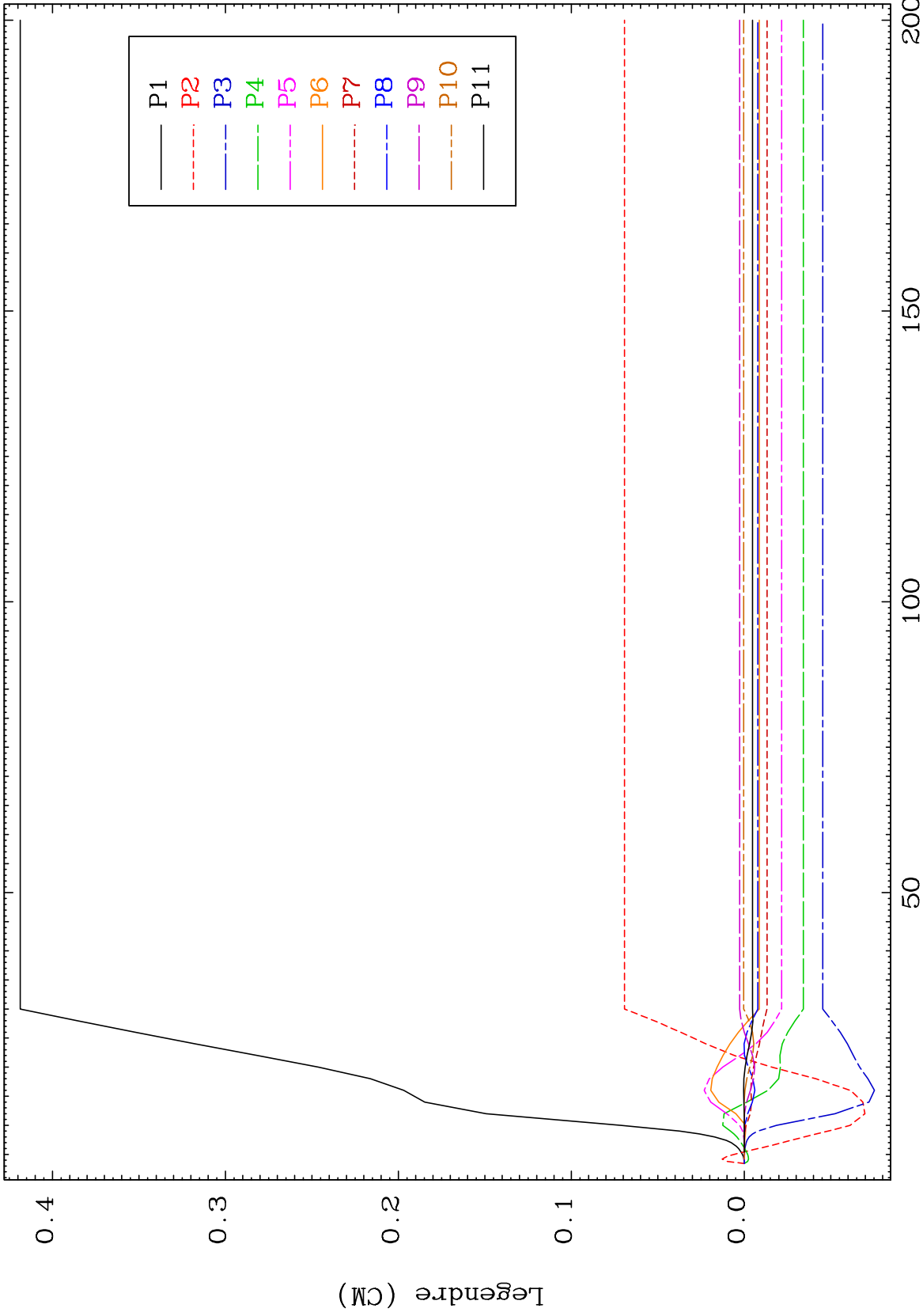
29-Cu-67



MAT 2937

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

29-Cu-67



80

Incident Energy (MeV)

50

150

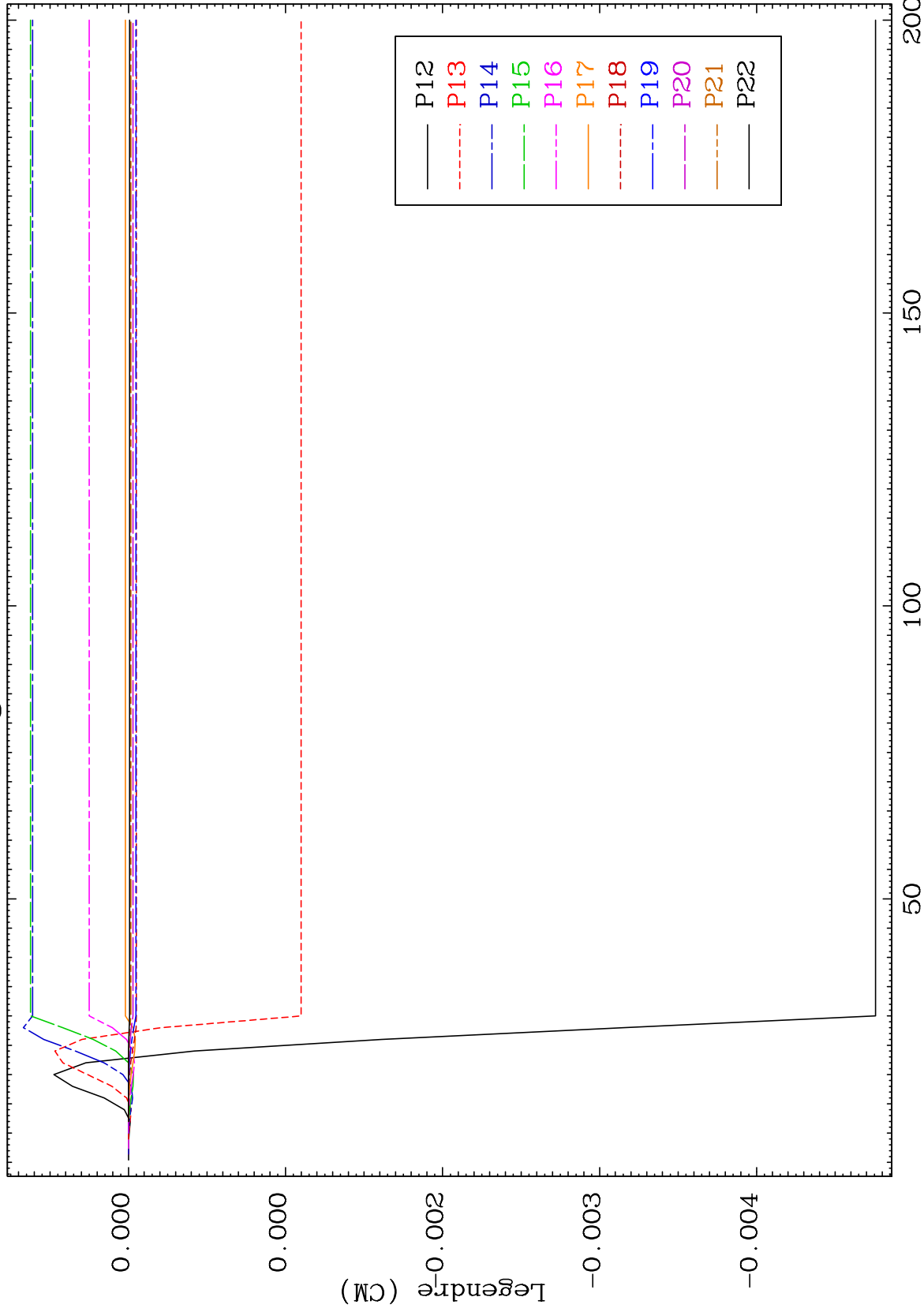
200

29-Cu-67

MAT 2937

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

29-Cu-67



81

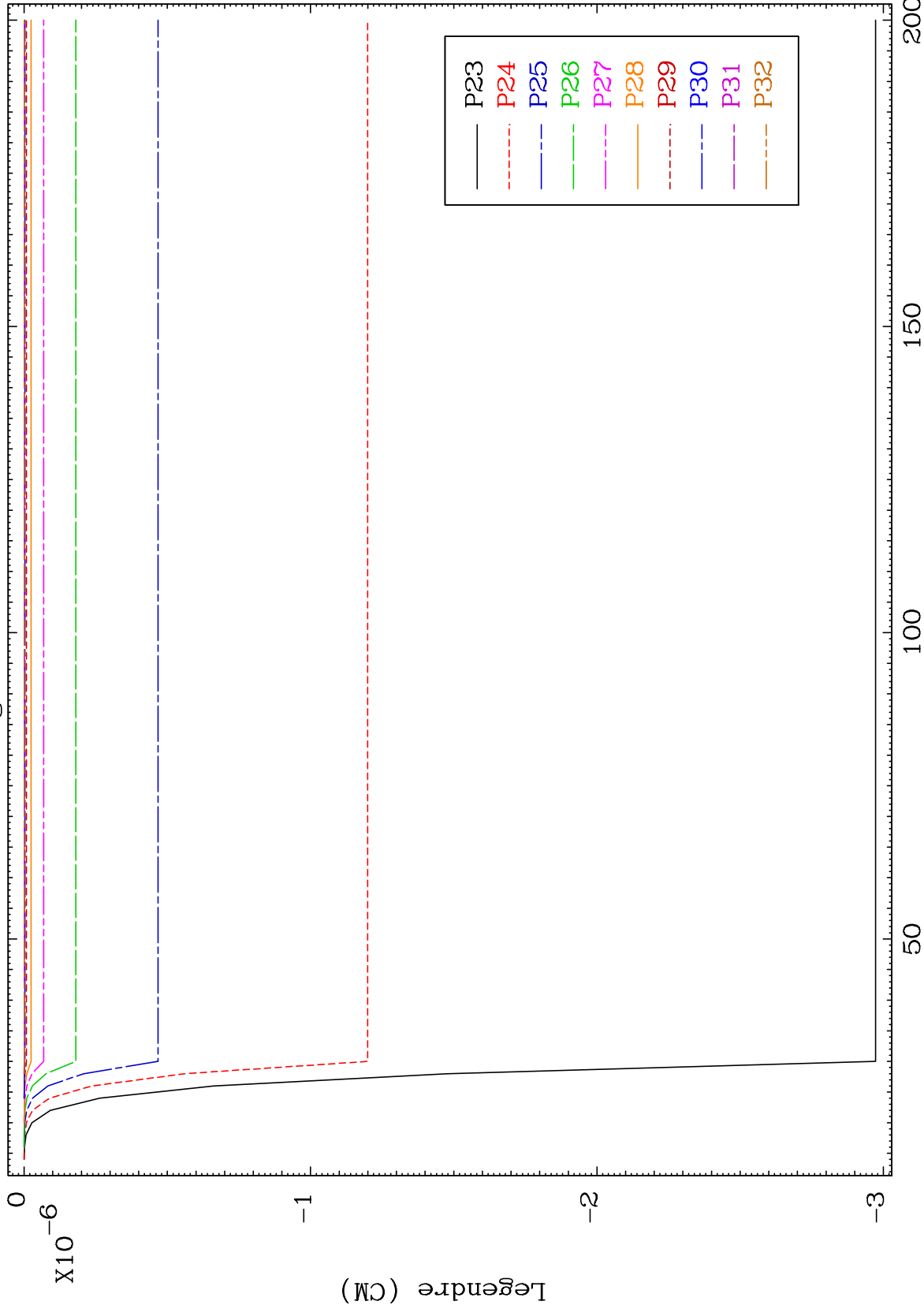
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



82

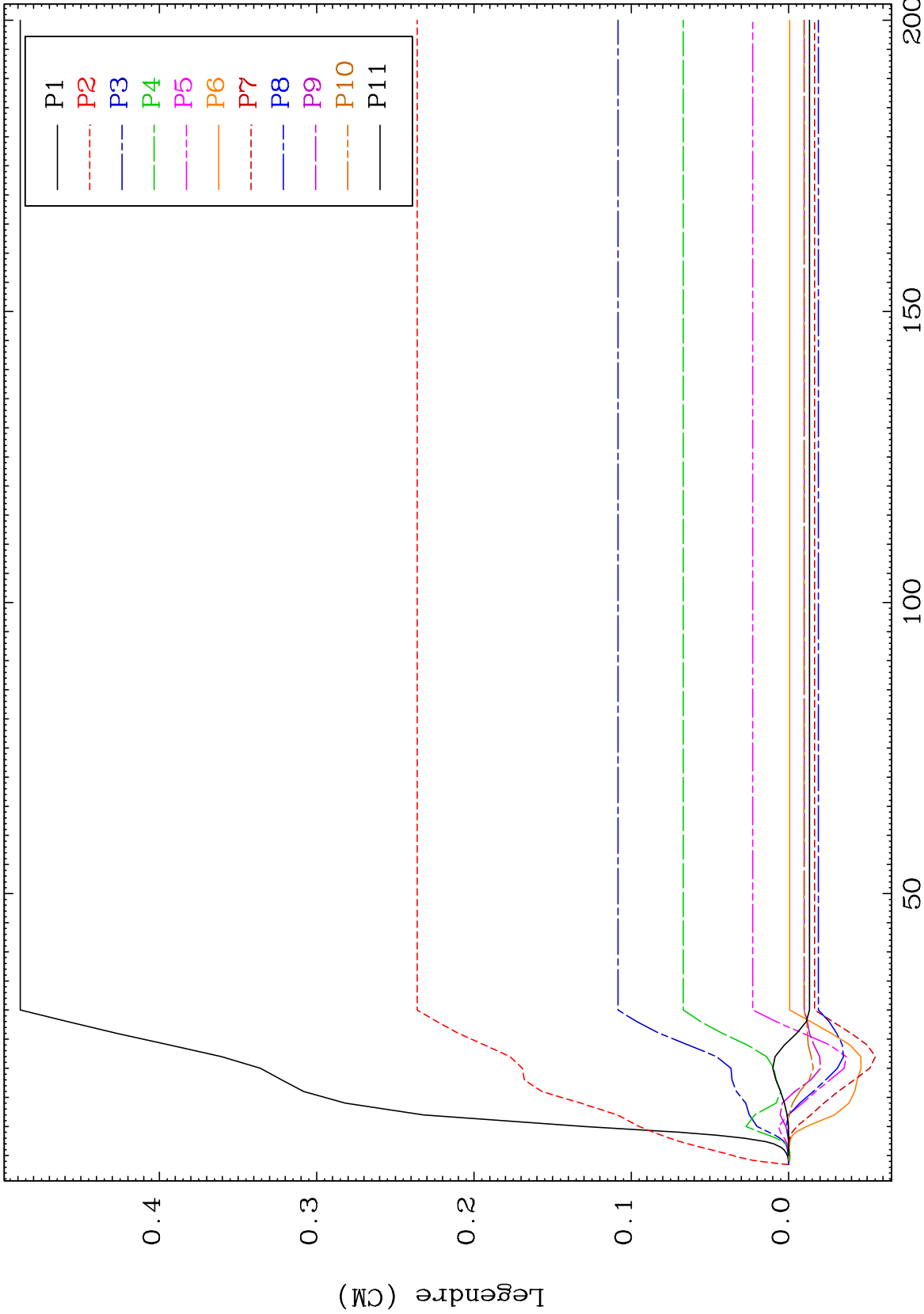
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



83

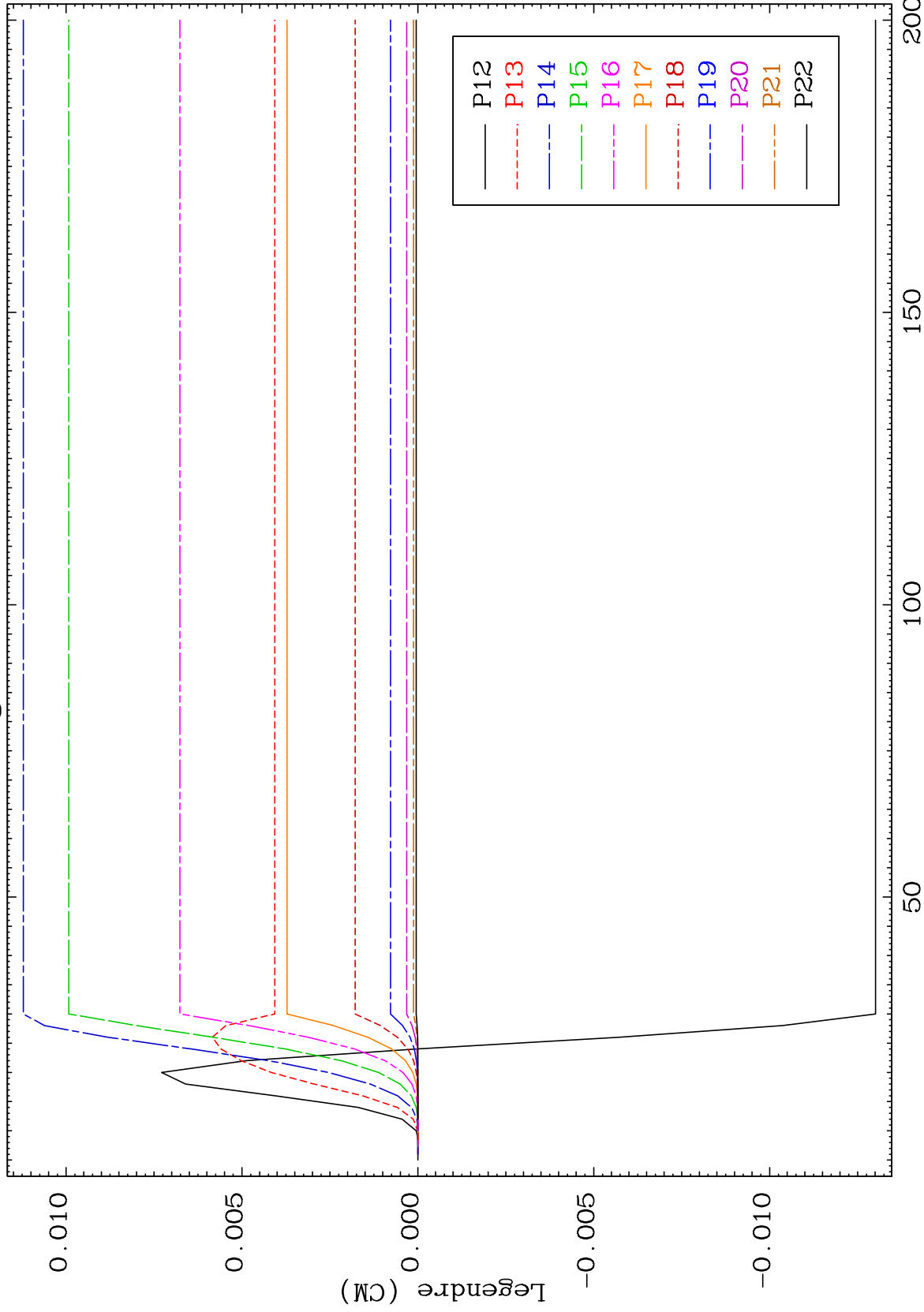
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



84

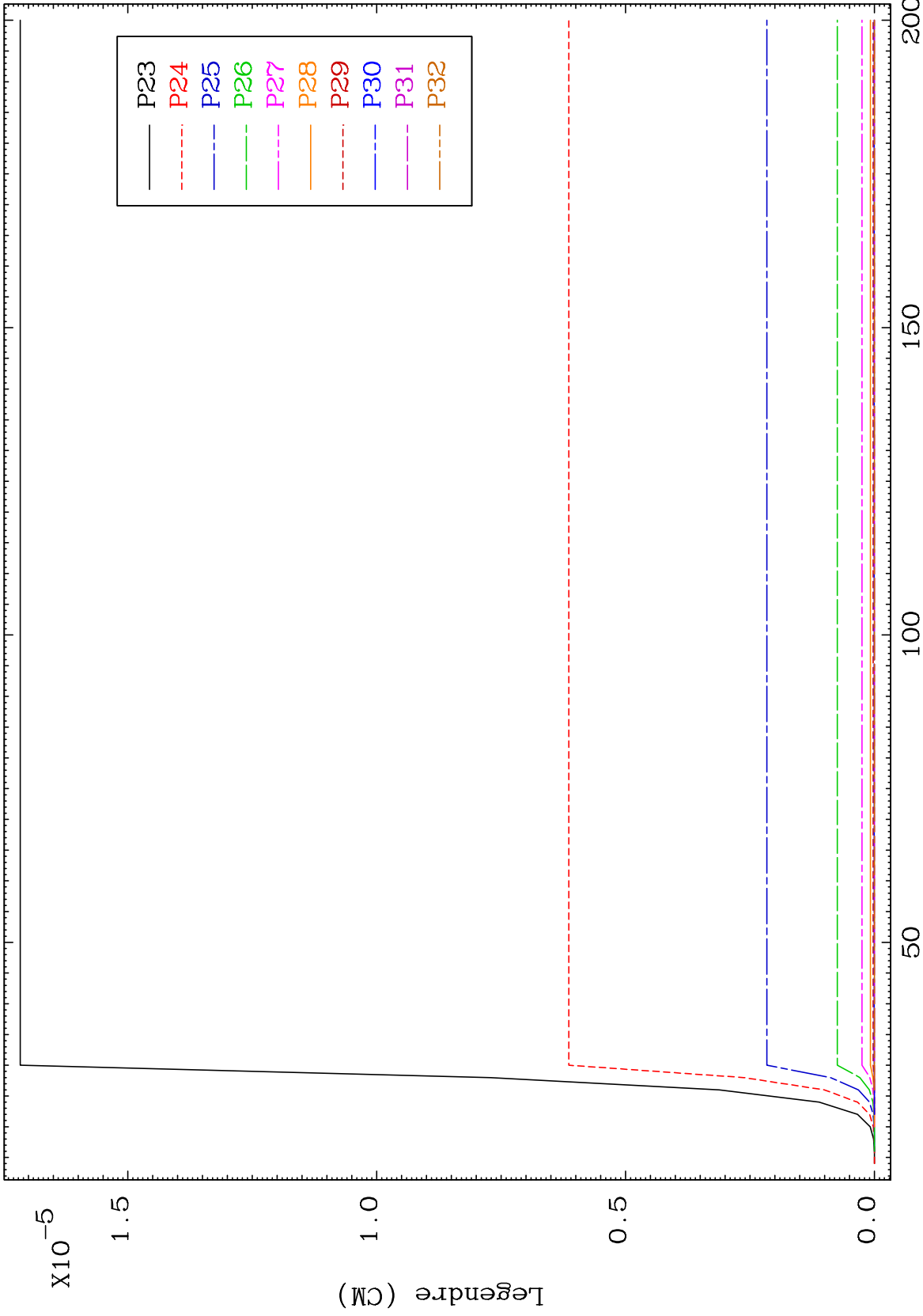
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



85

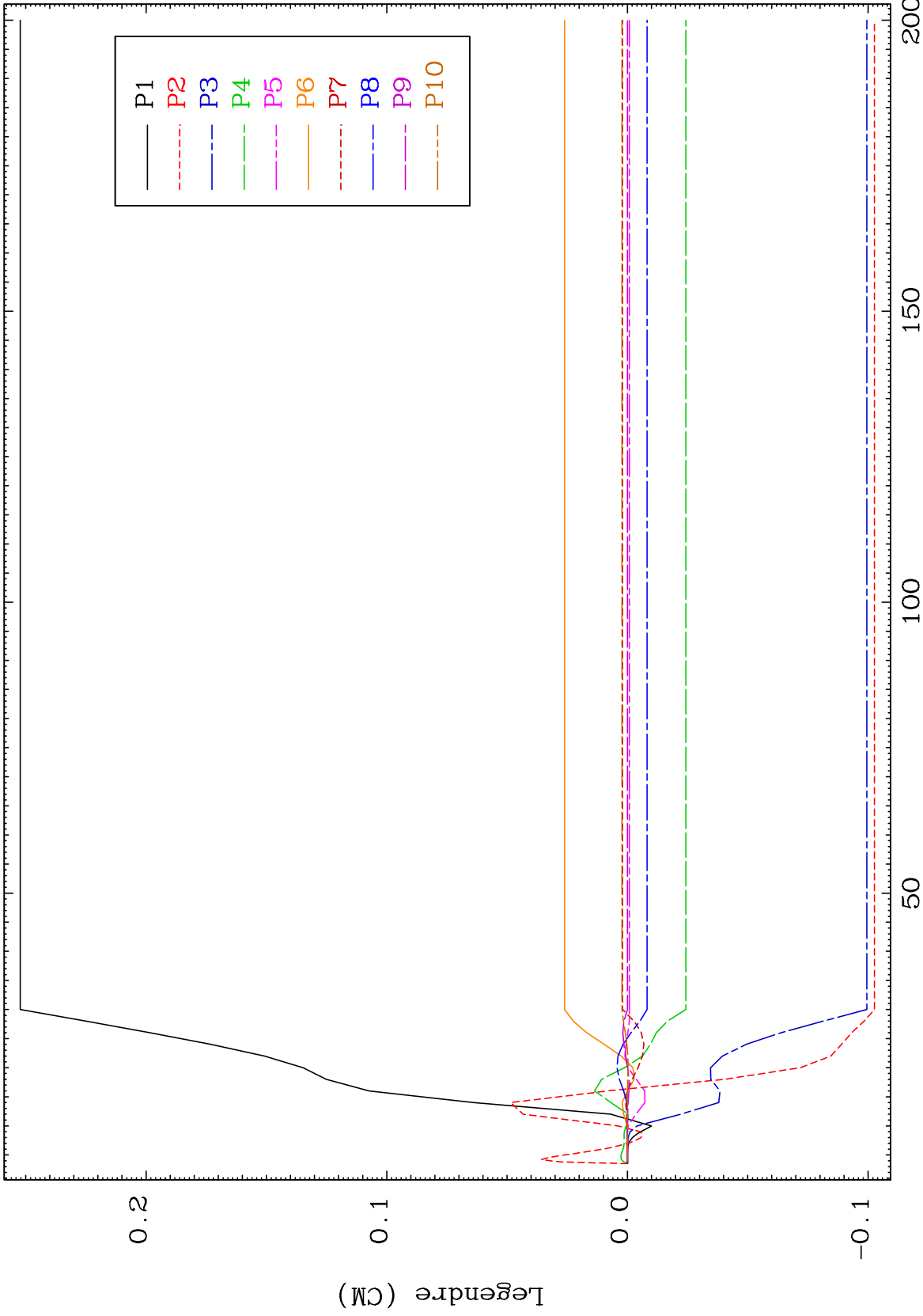
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



86

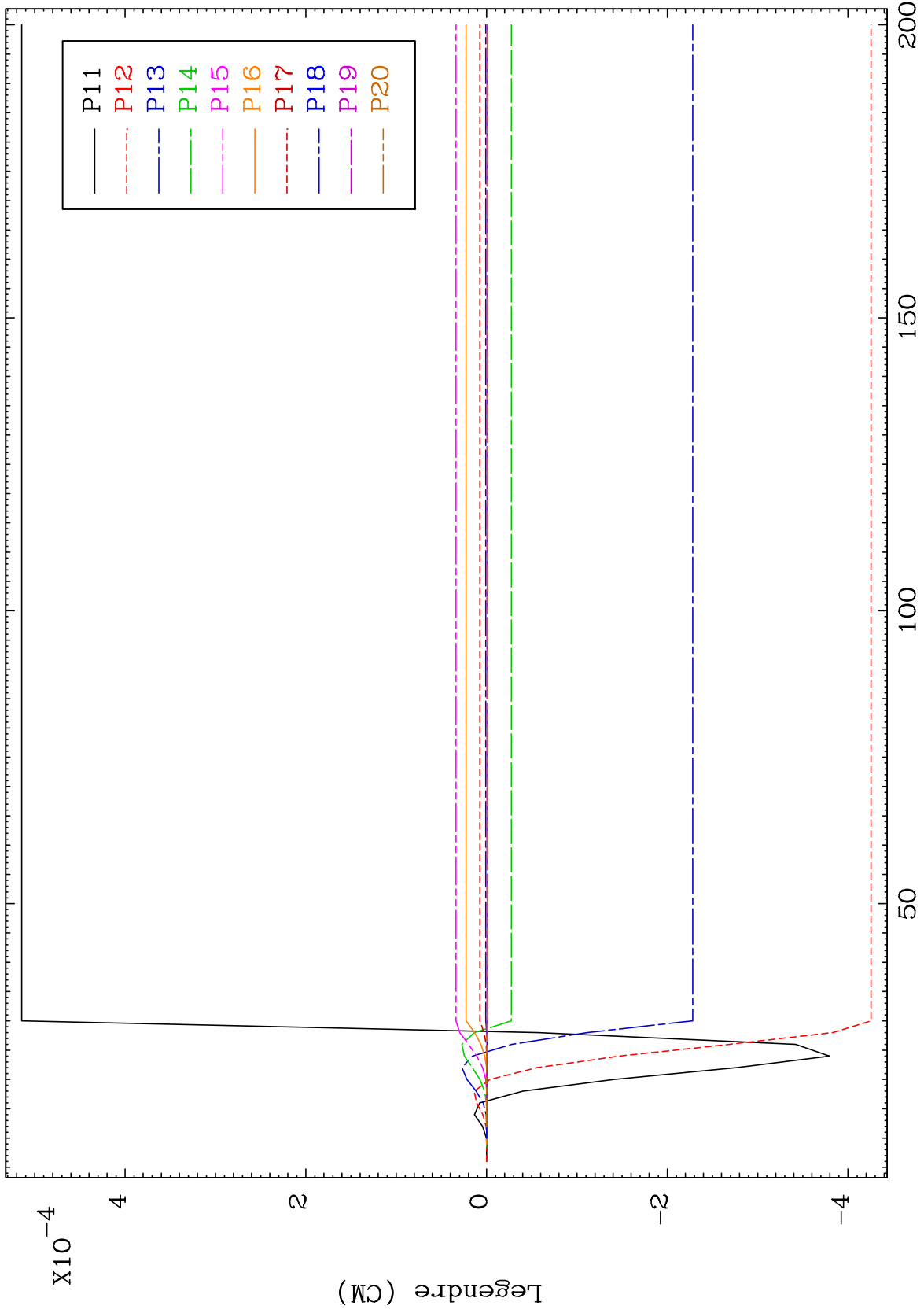
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



87

Incident Energy (MeV)

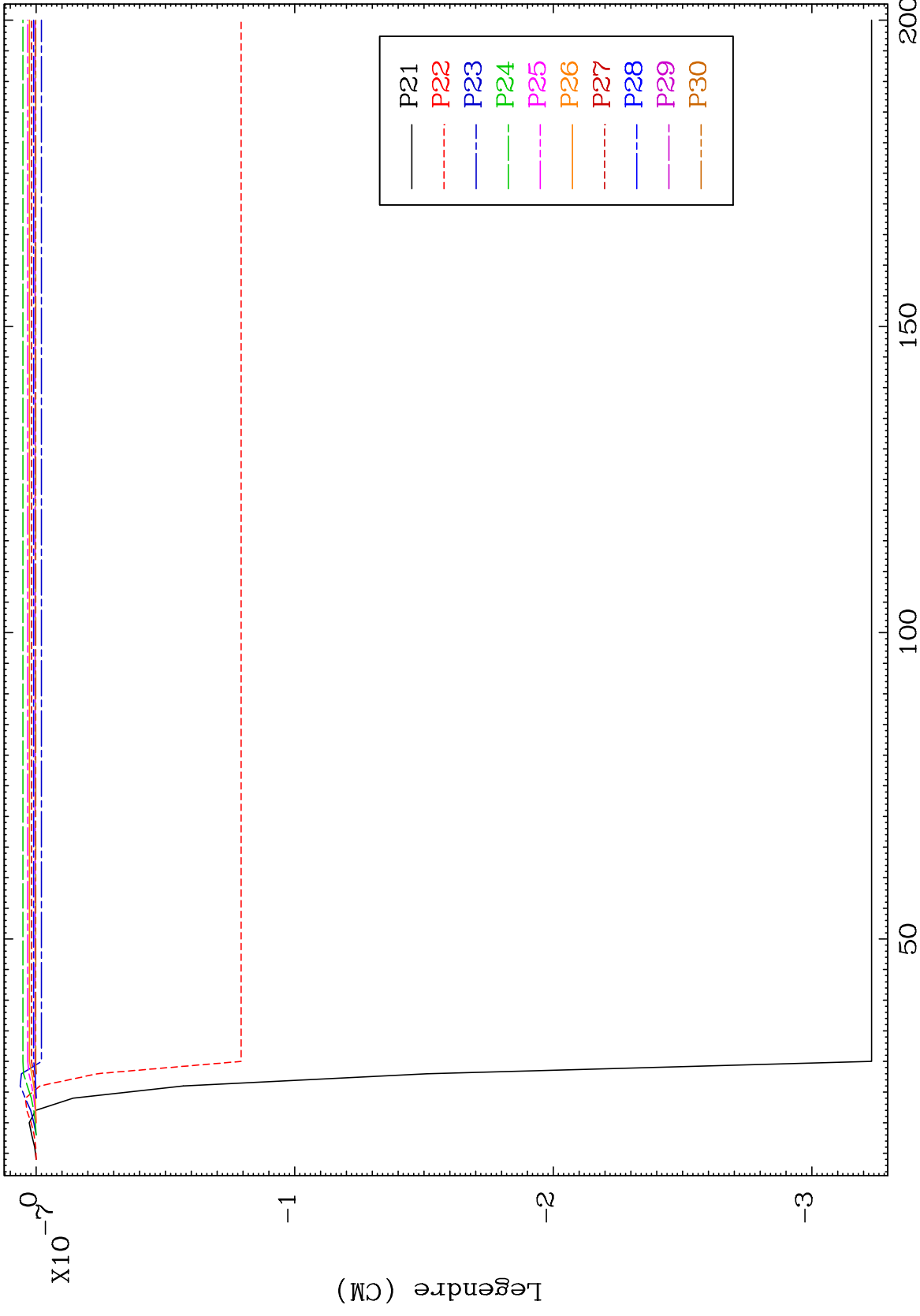
29-Cu-67



MAT 2937

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

29-Cu-67



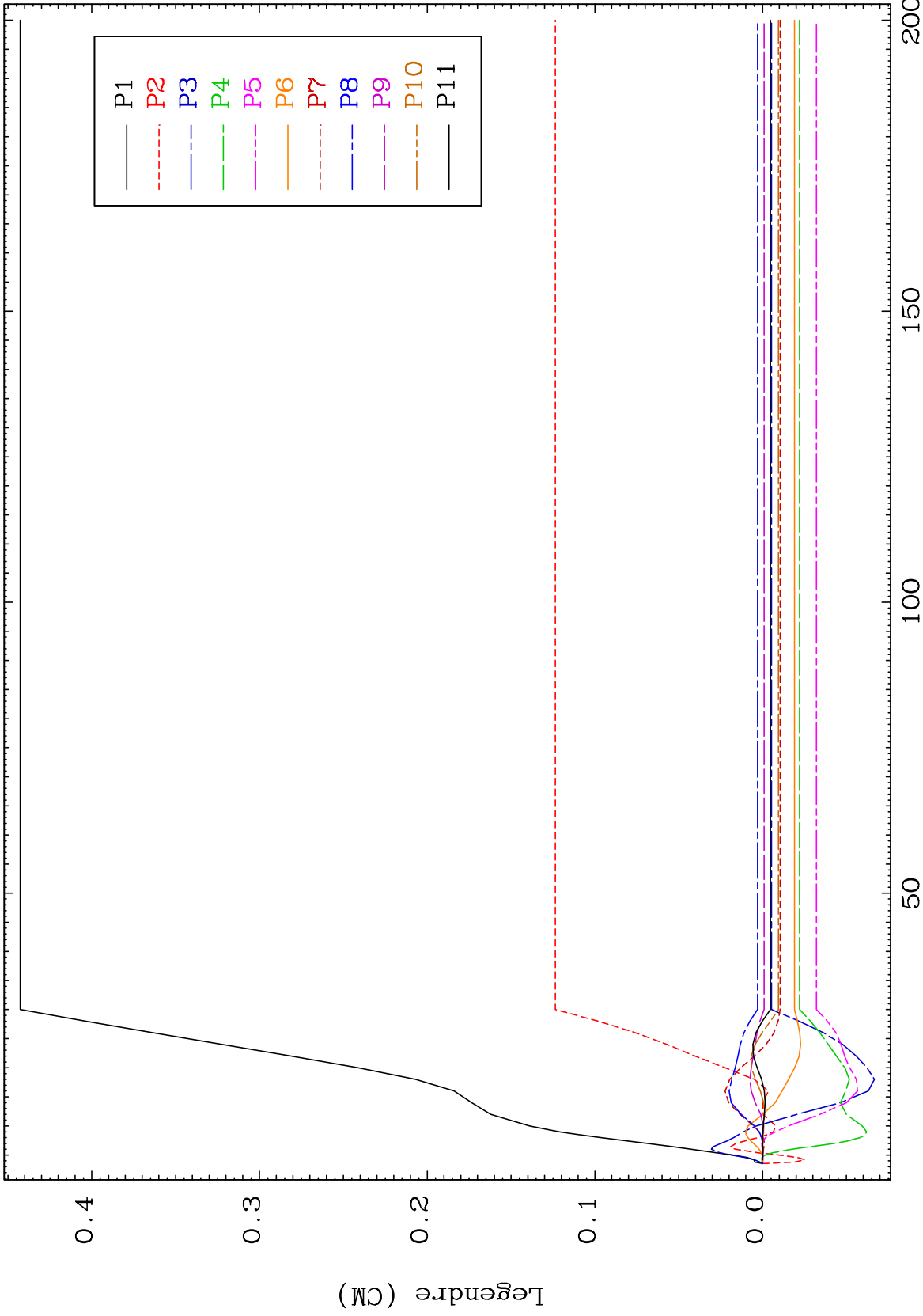
88

29-Cu-67

MAT 2937

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

29-Cu-67



89

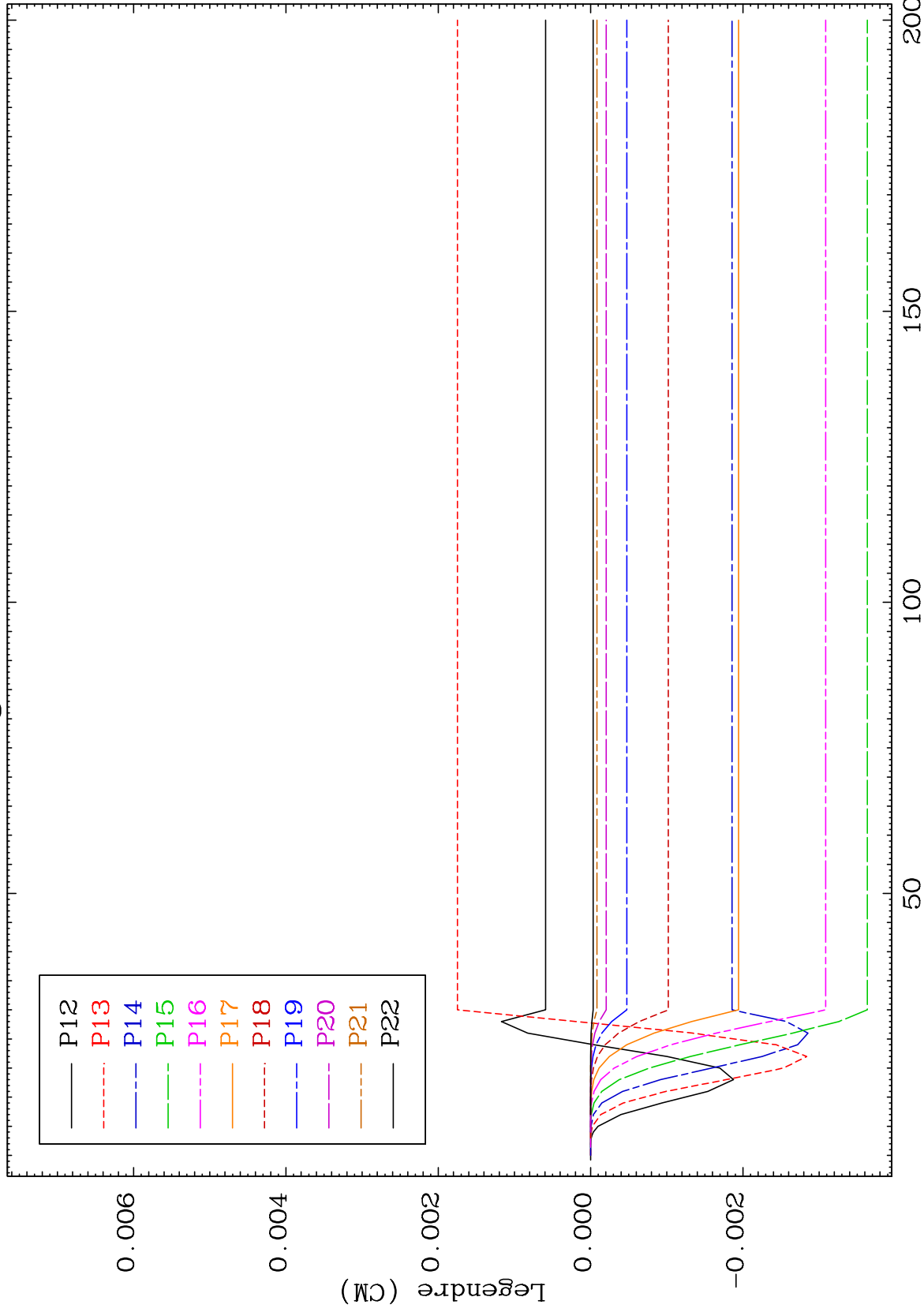
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



90

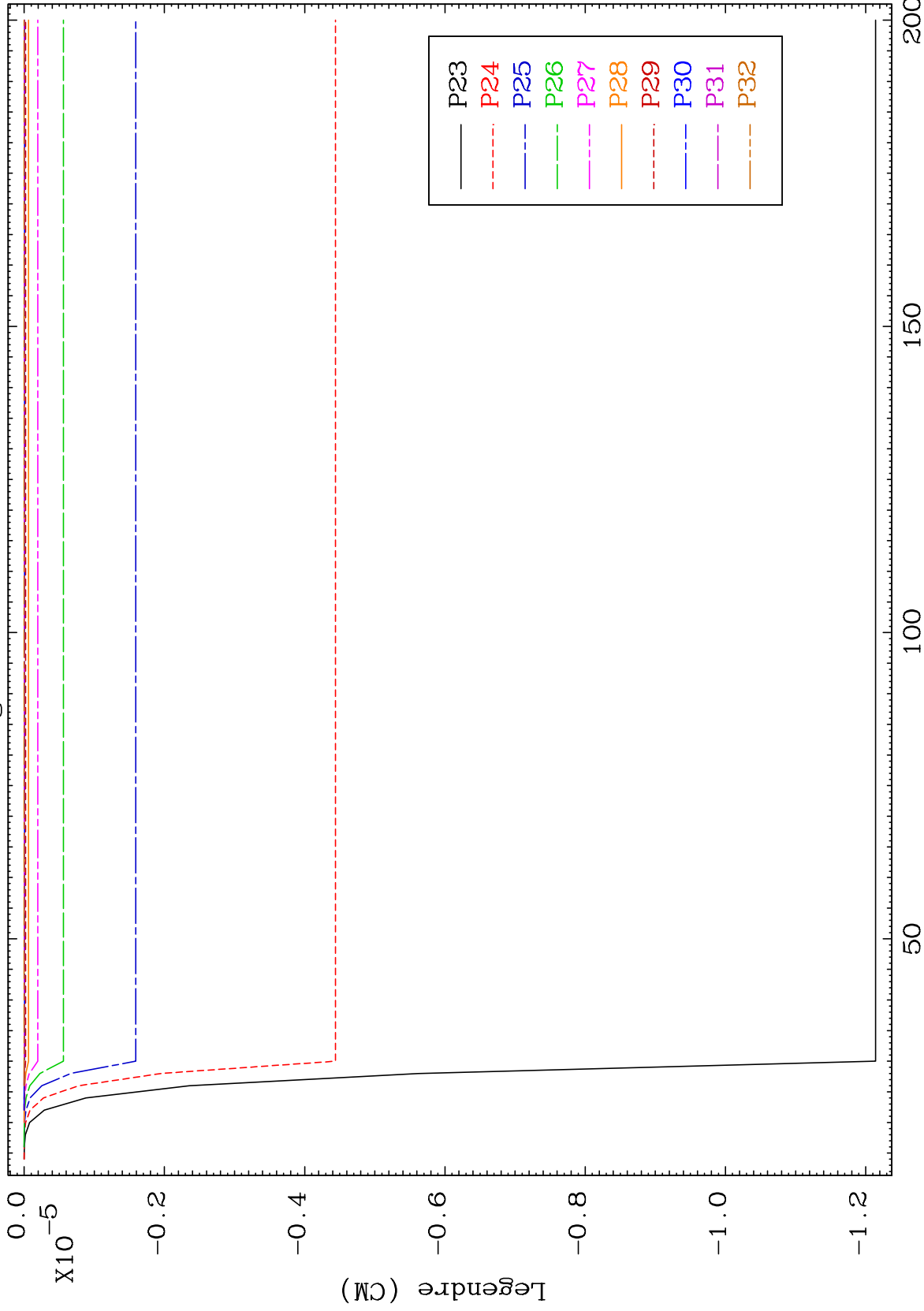
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



91

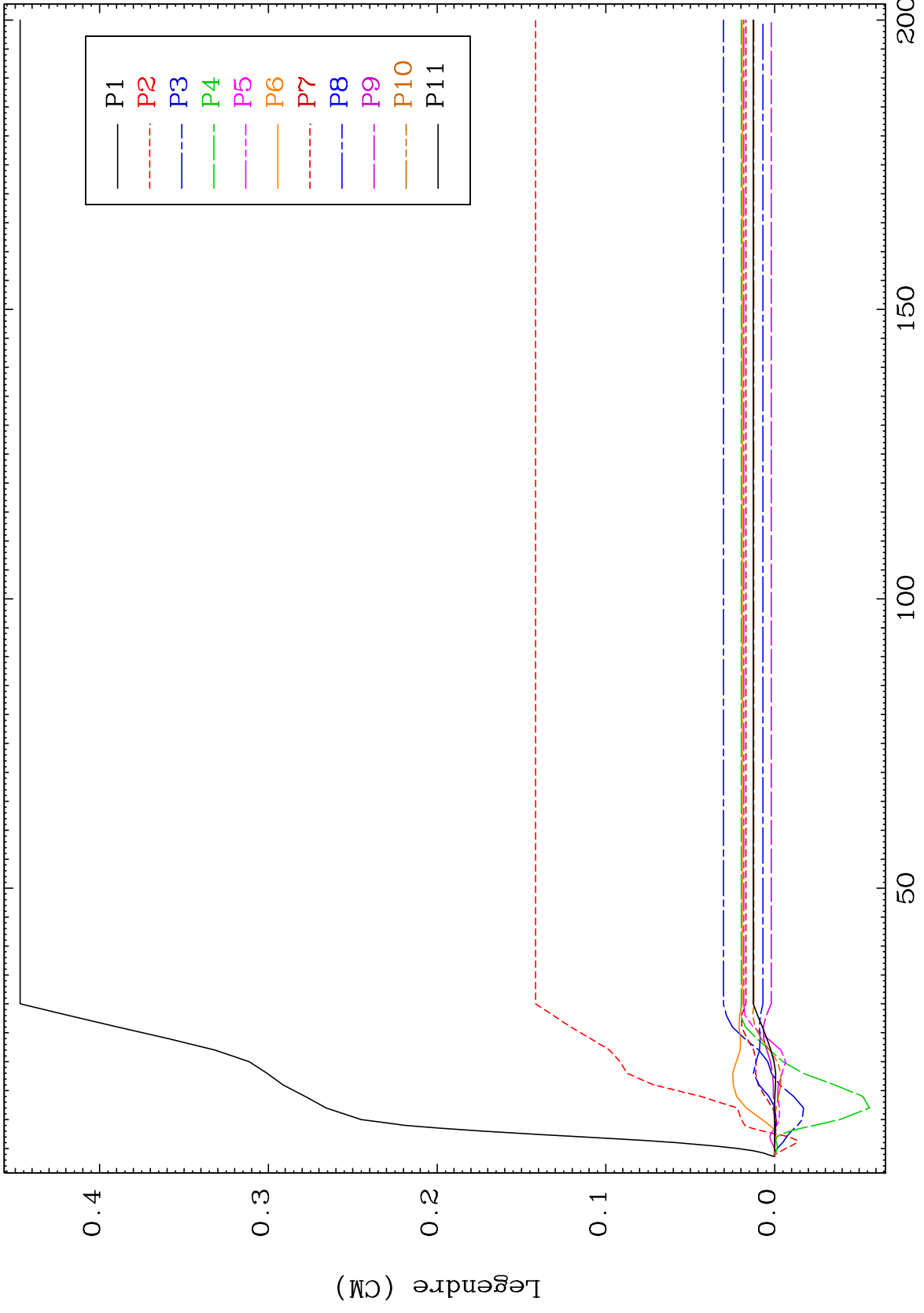
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



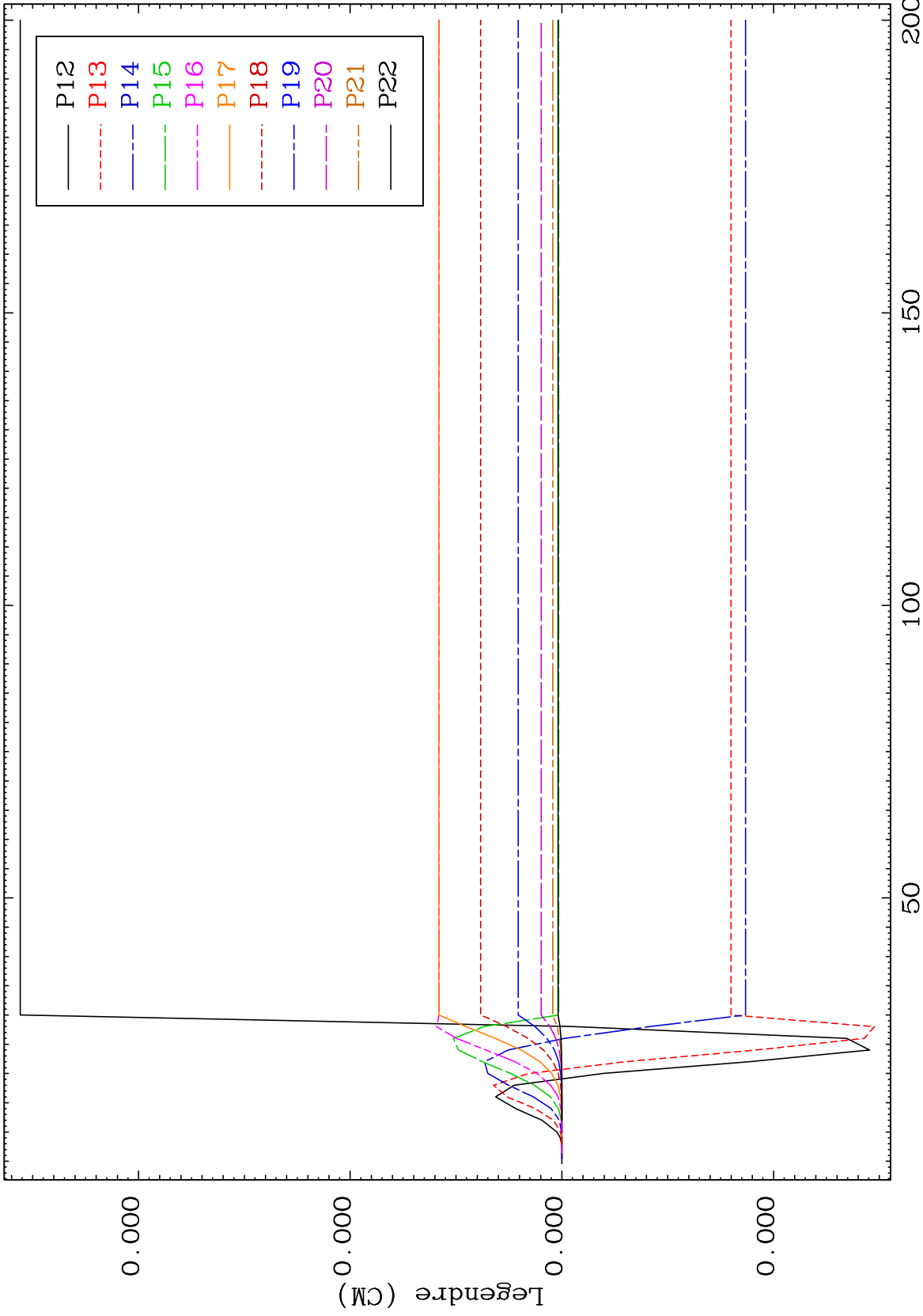
92

29-Cu-67

MAT 2937

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

29-Cu-67



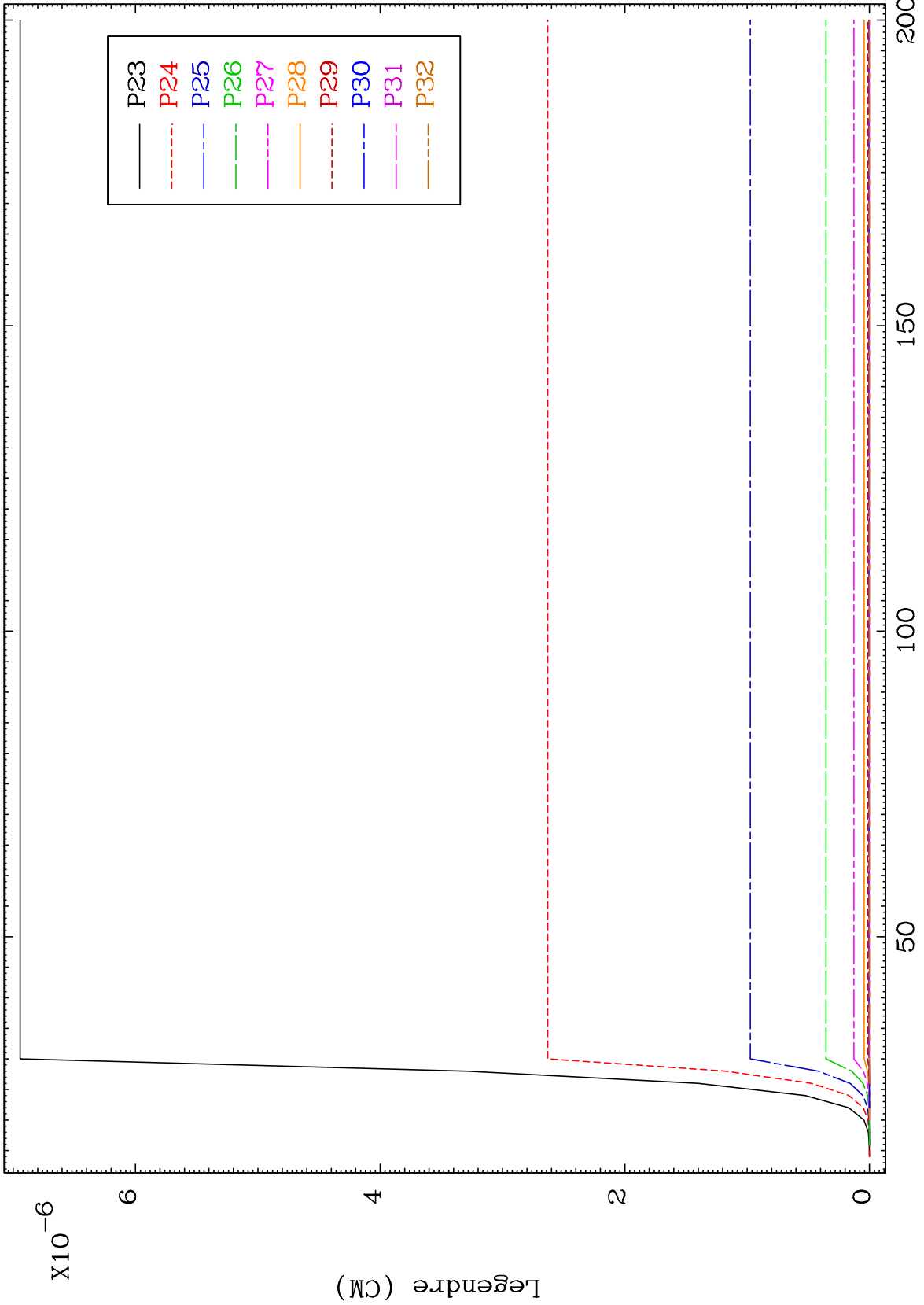
93

29-Cu-67

MAT 2937

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

29-Cu-67



94

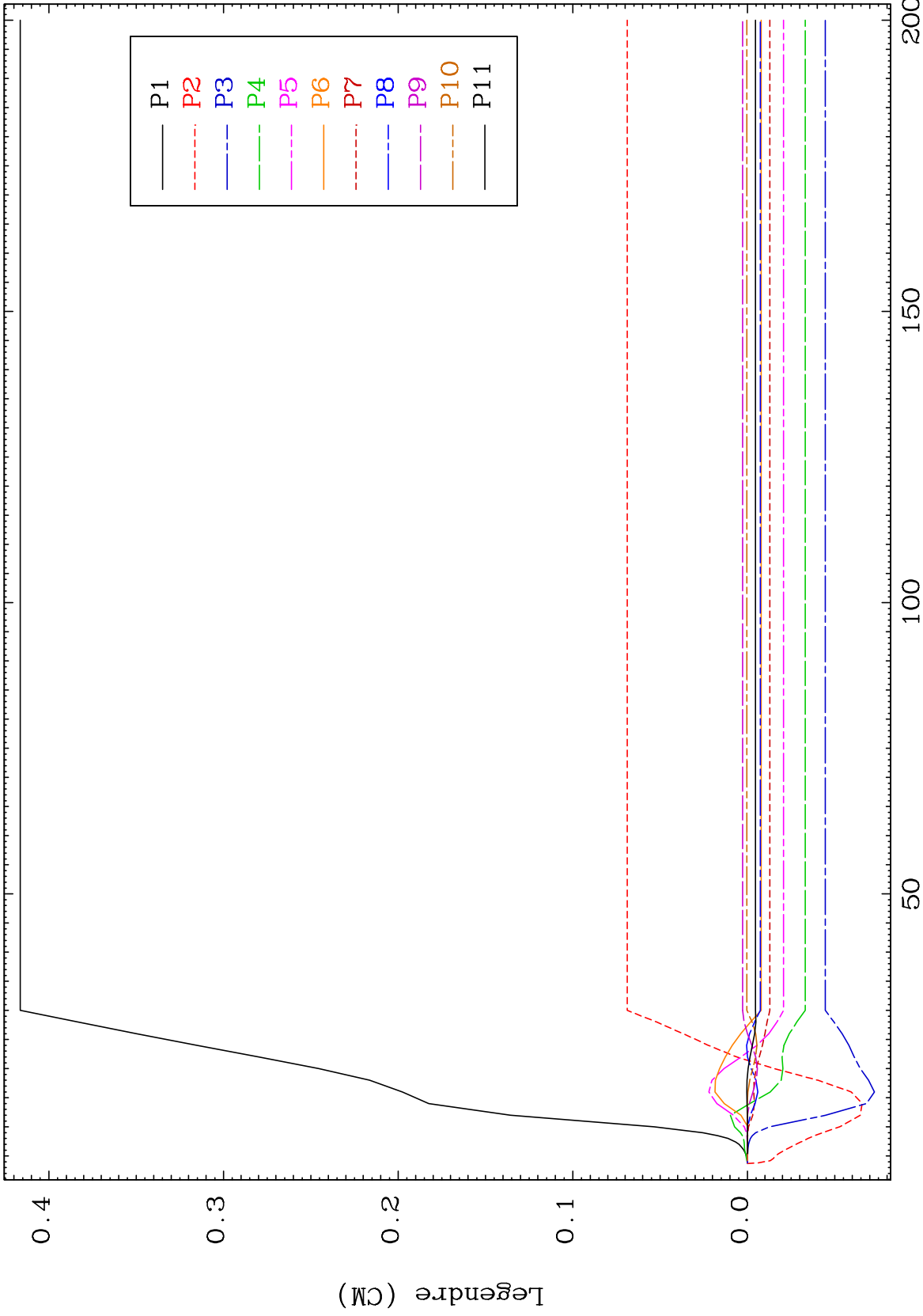
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



95

Incident Energy (MeV)

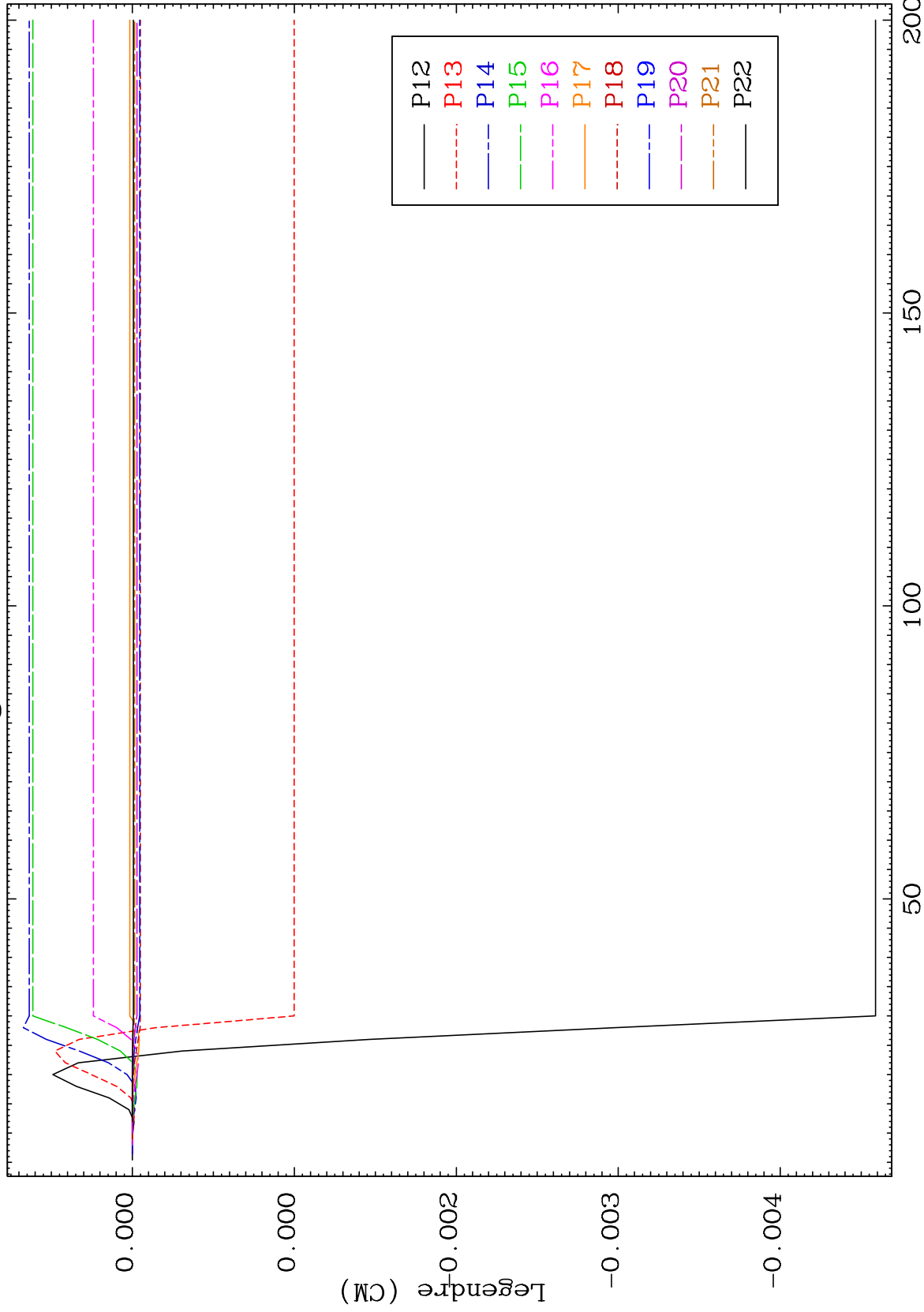
29-Cu-67



MAT 2937

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

29-Cu-67



96

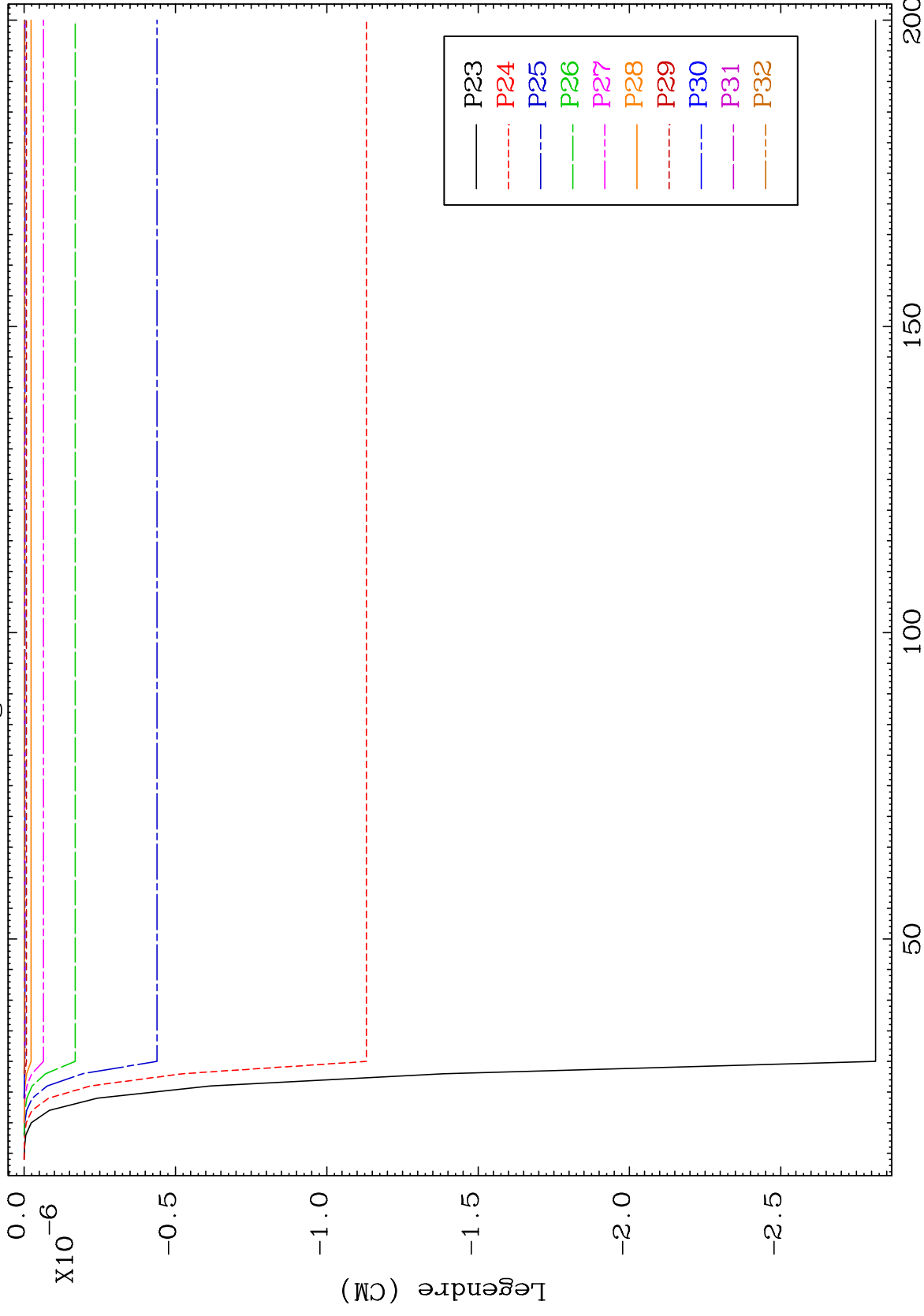
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



29-Cu-67

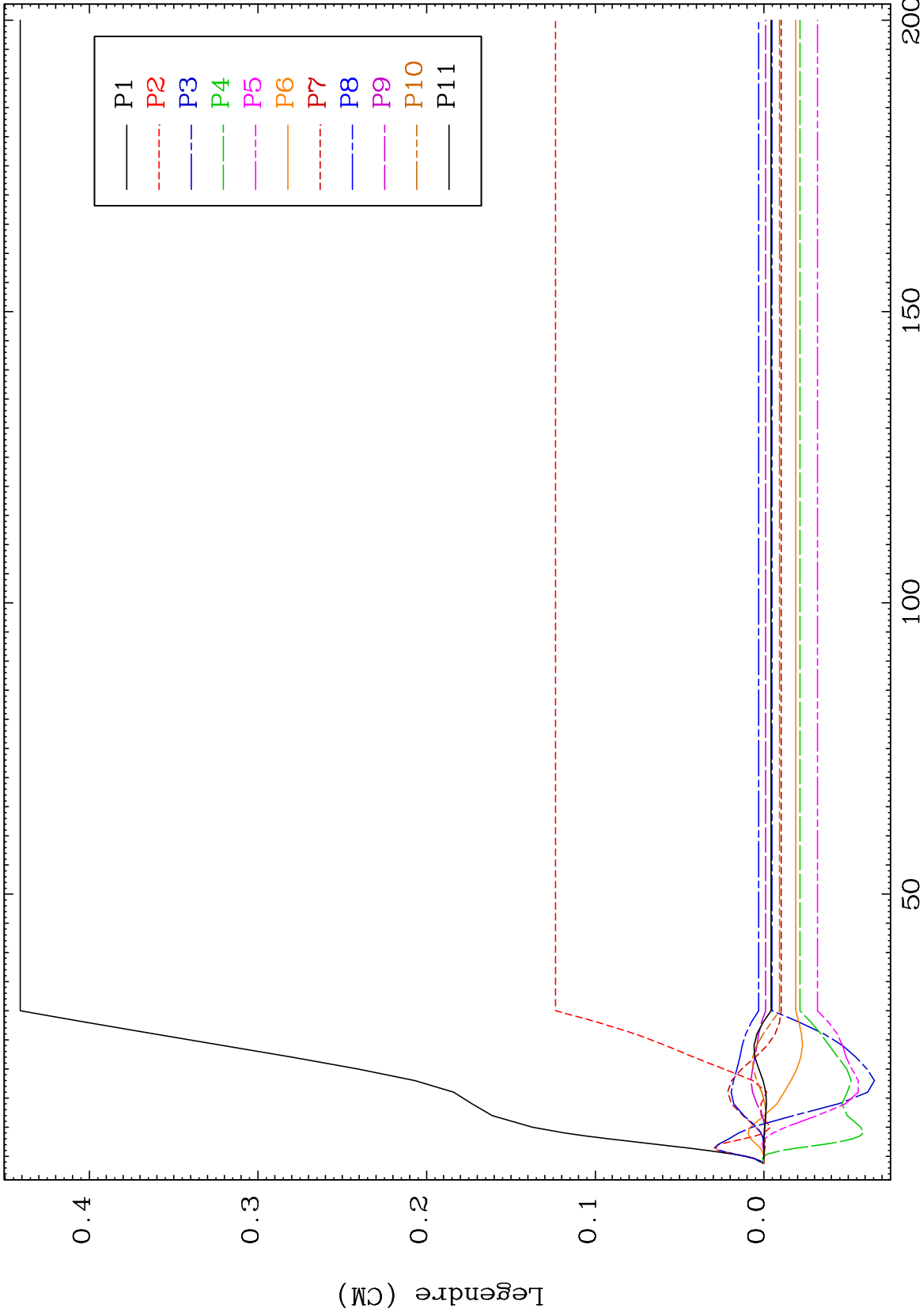
Incident Energy (MeV)

97

MAT 2937

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

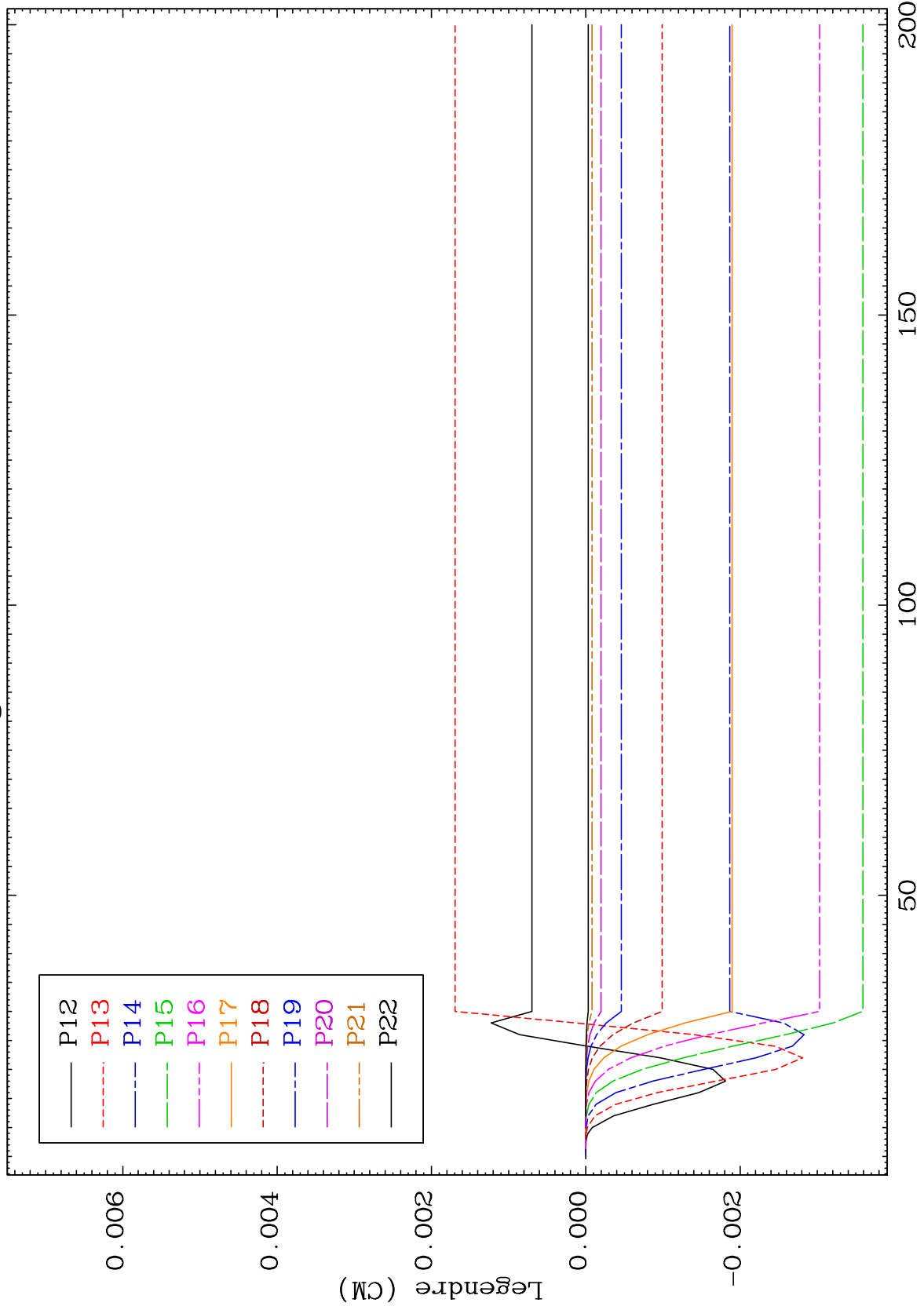
29-Cu-67



98

Incident Energy (MeV)

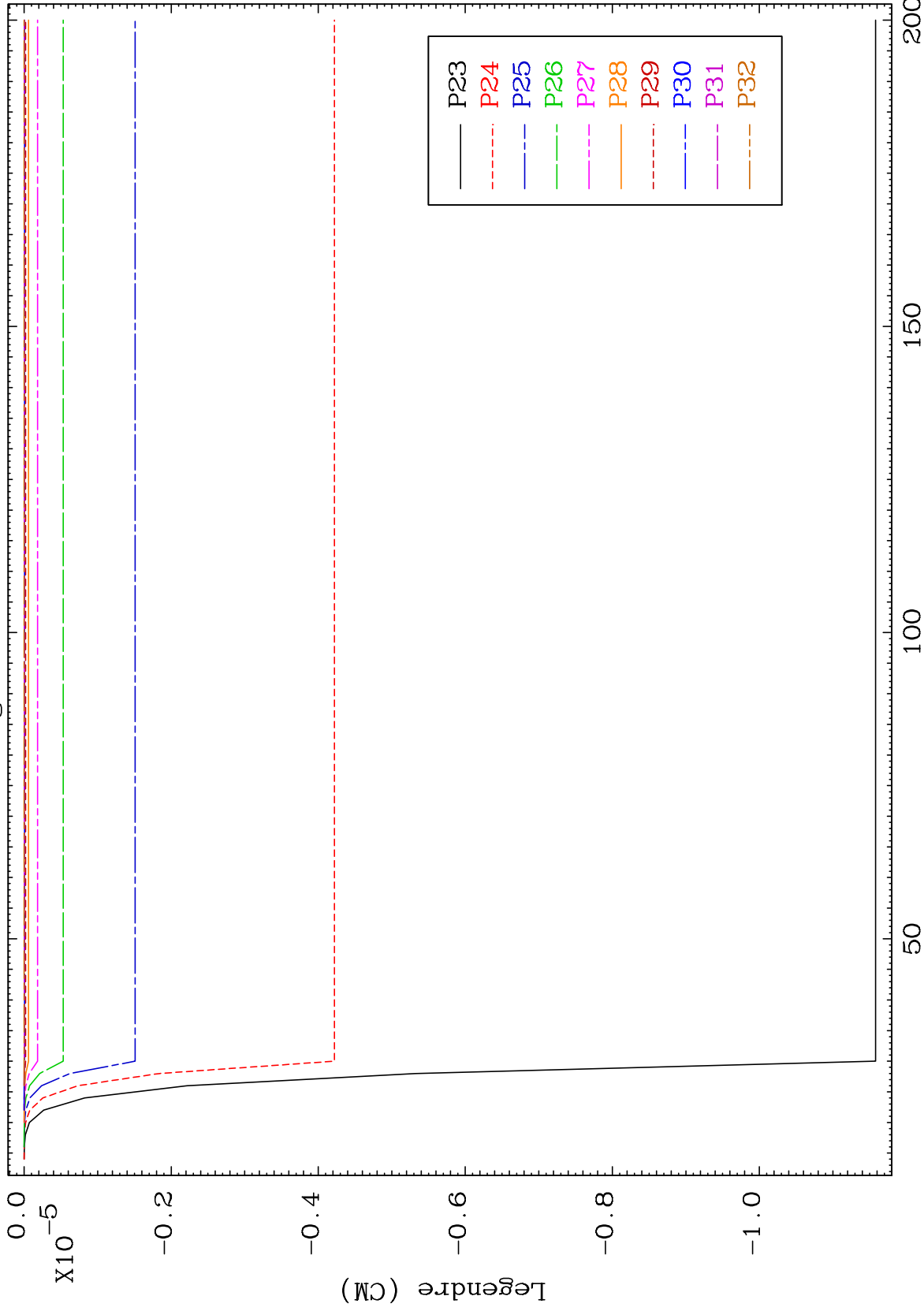
29-Cu-67



MAT 2937

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

29-Cu-67



29-Cu-67

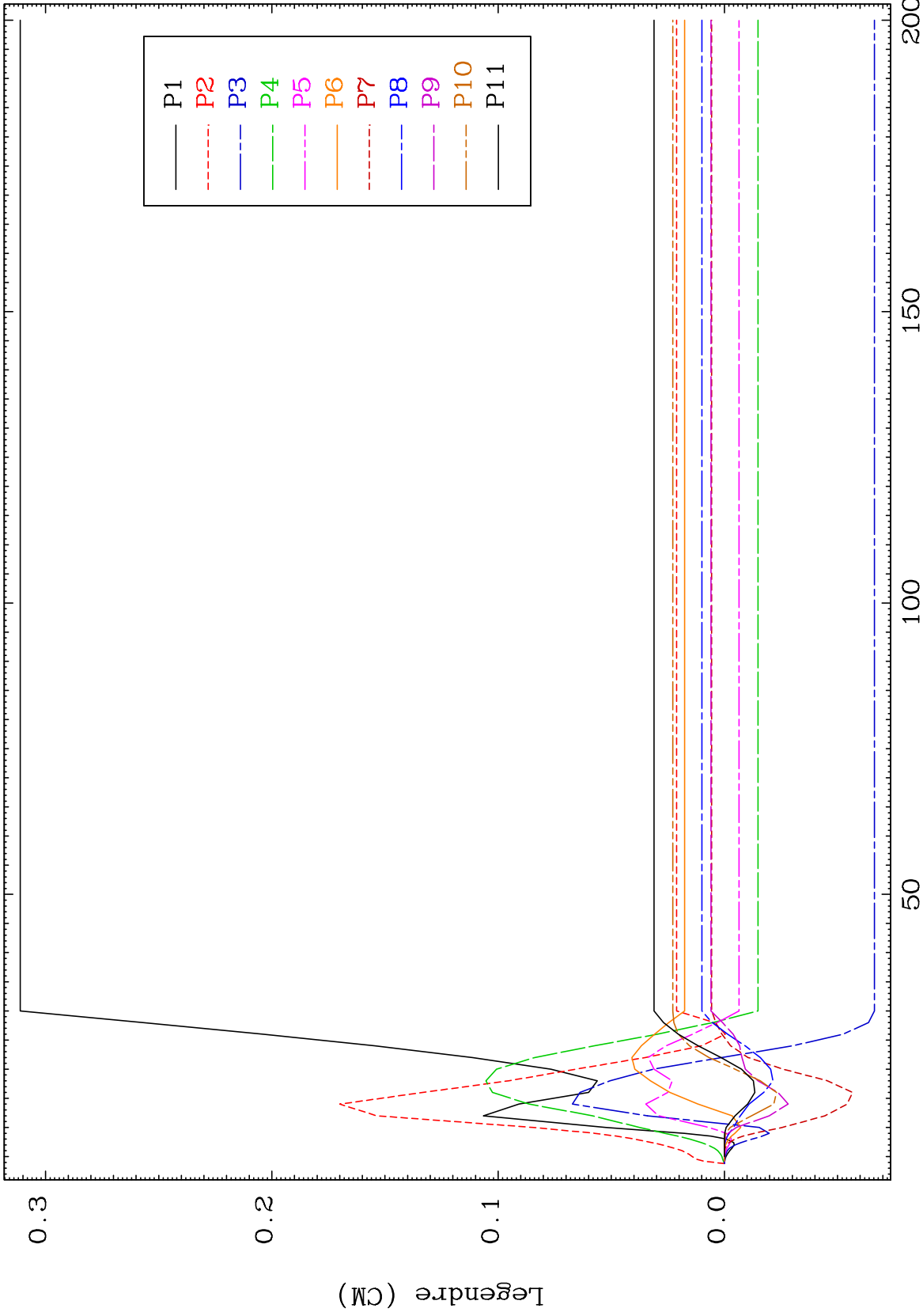
Incident Energy (MeV)

100

MAT 2937

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

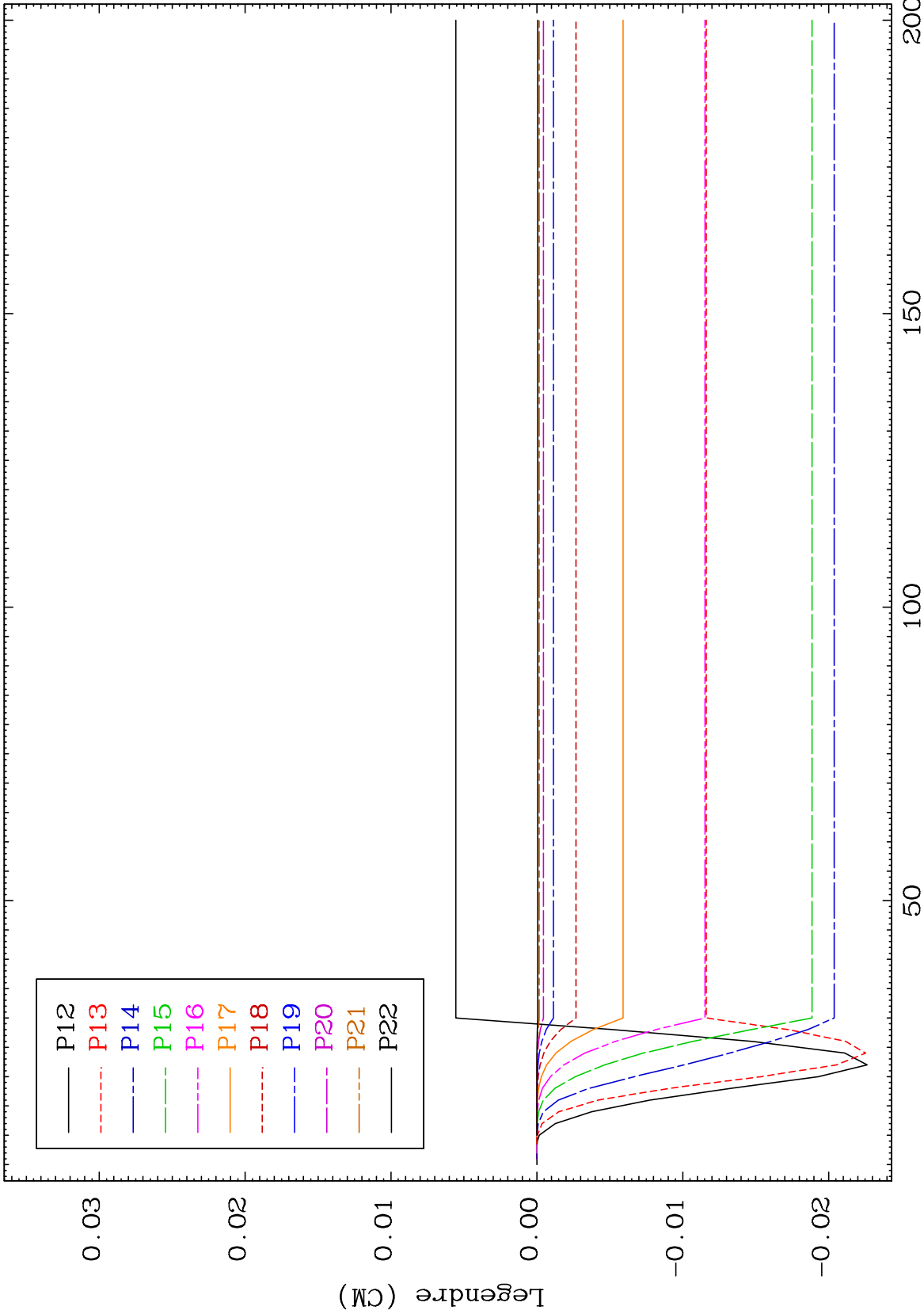
29-Cu-67



101

Incident Energy (MeV)

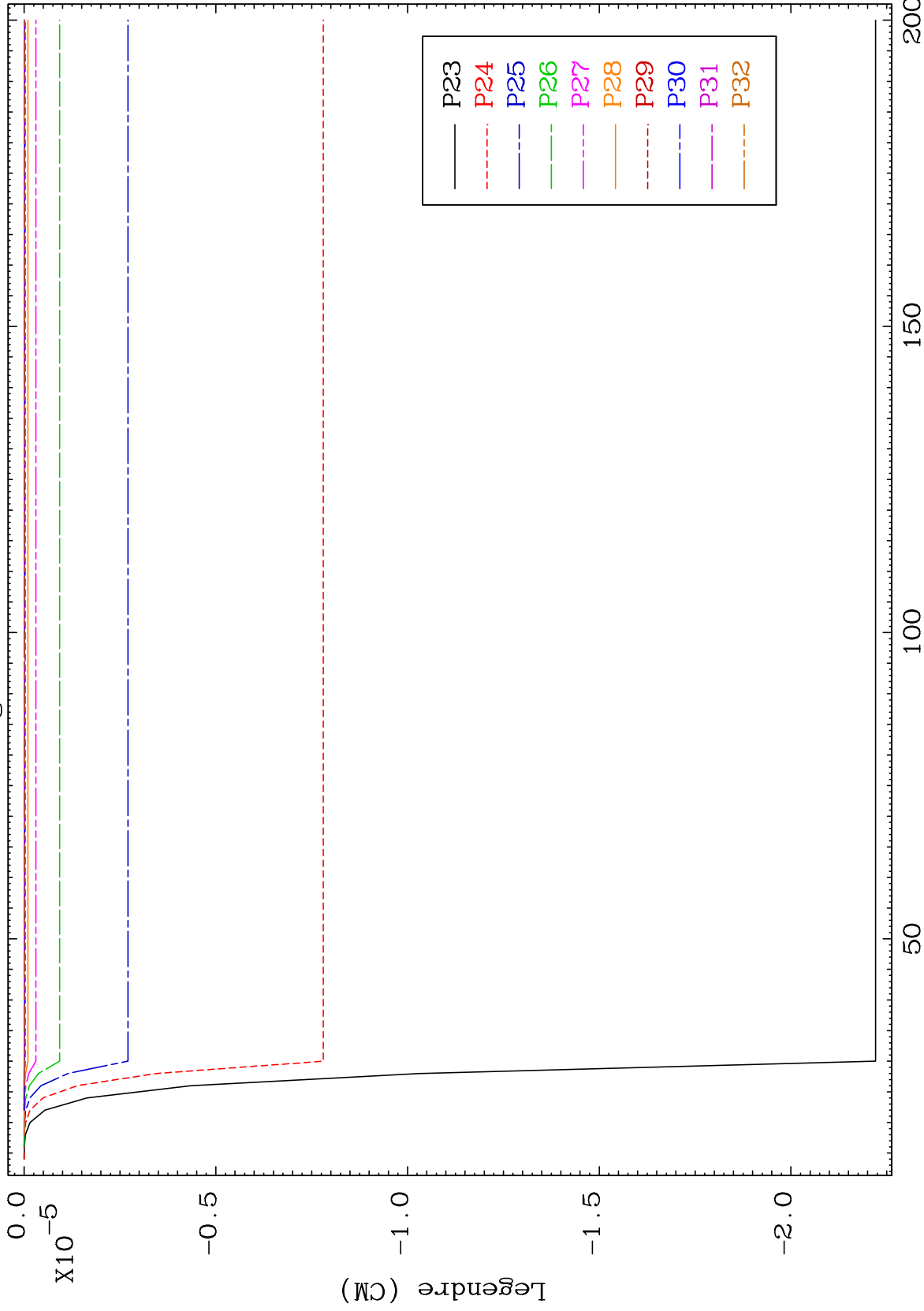
29-Cu-67



MAT 2937

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

29-Cu-67



29-Cu-67

Incident Energy (MeV)

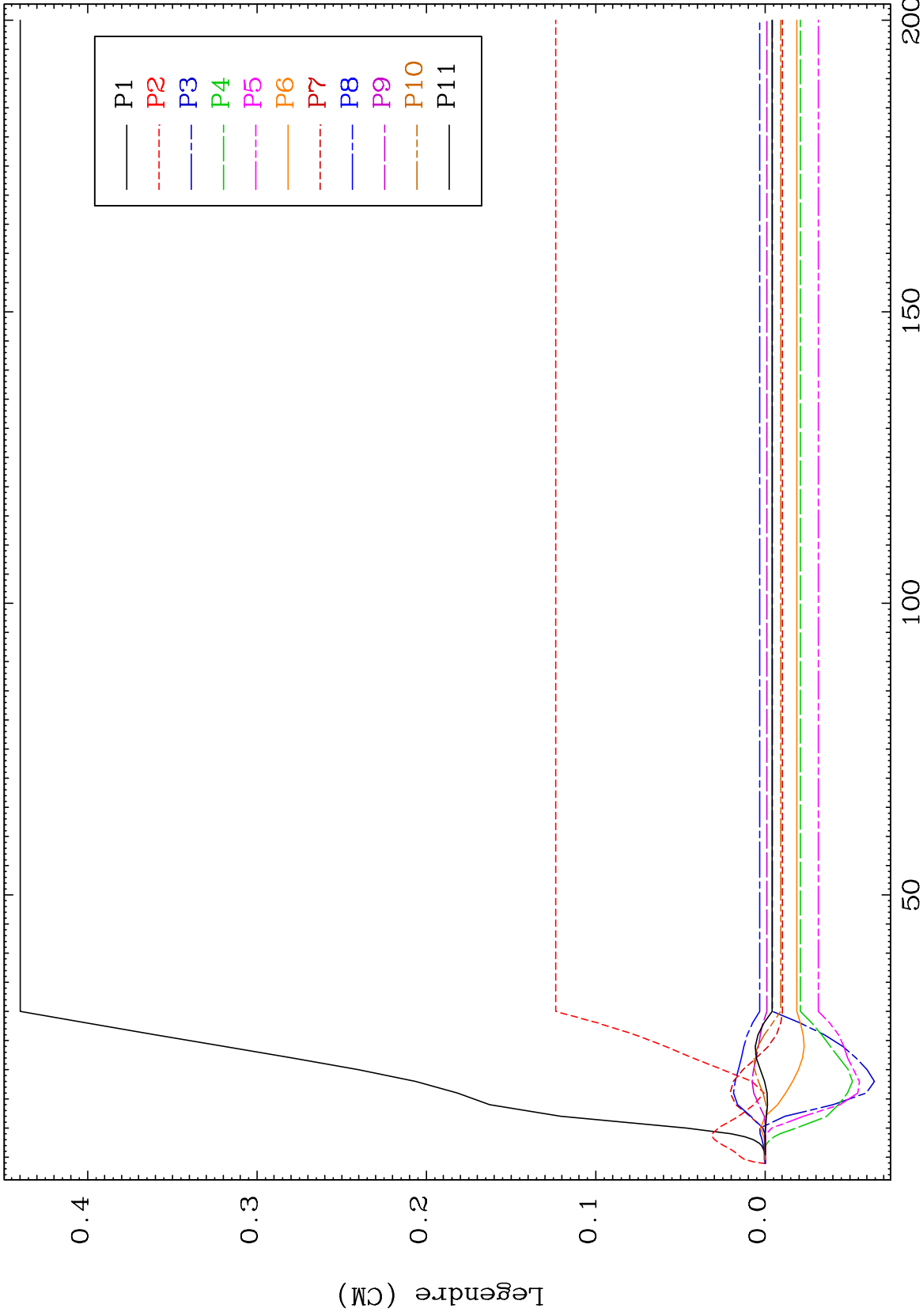
103



MAT 2937

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

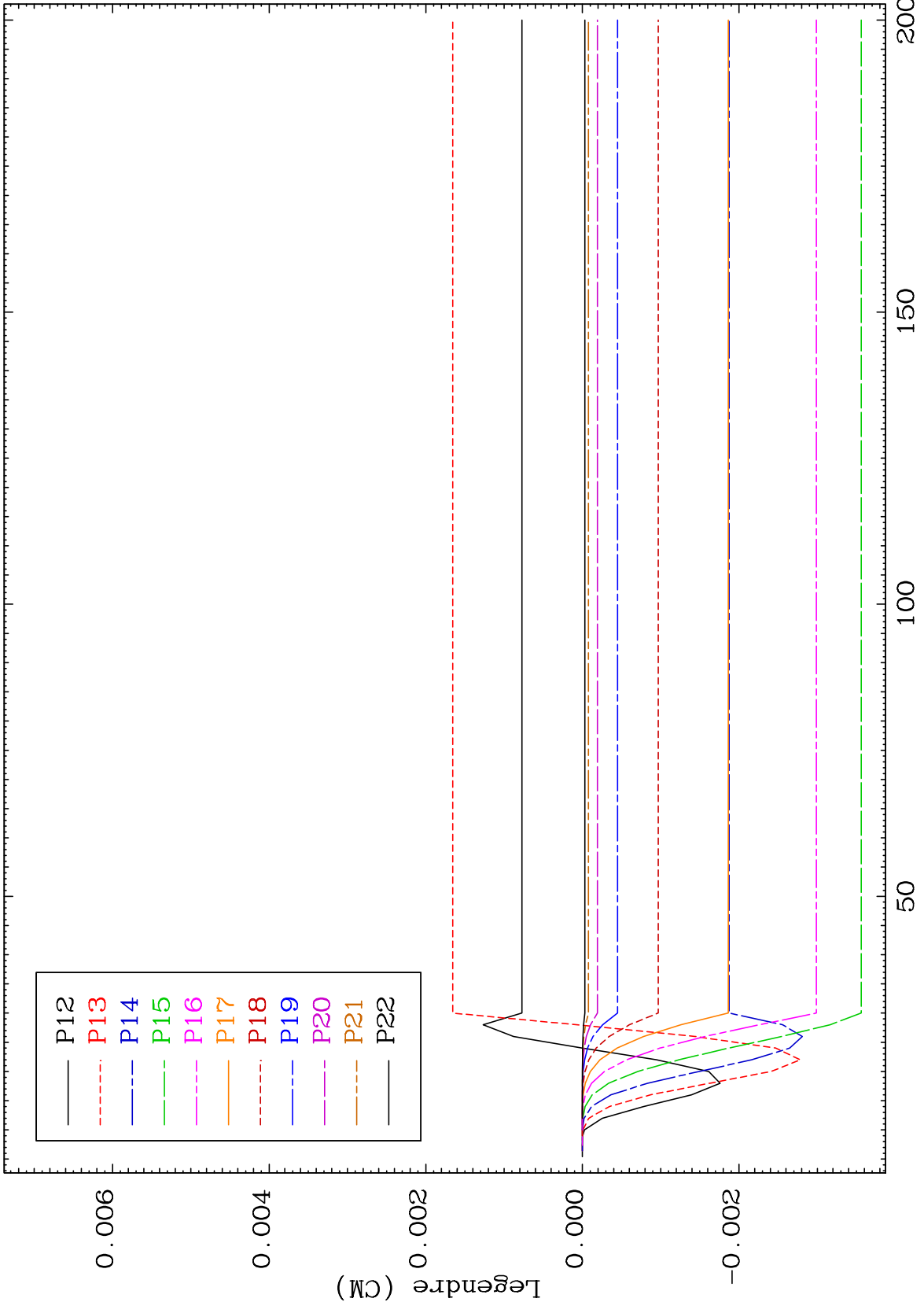
29-Cu-67



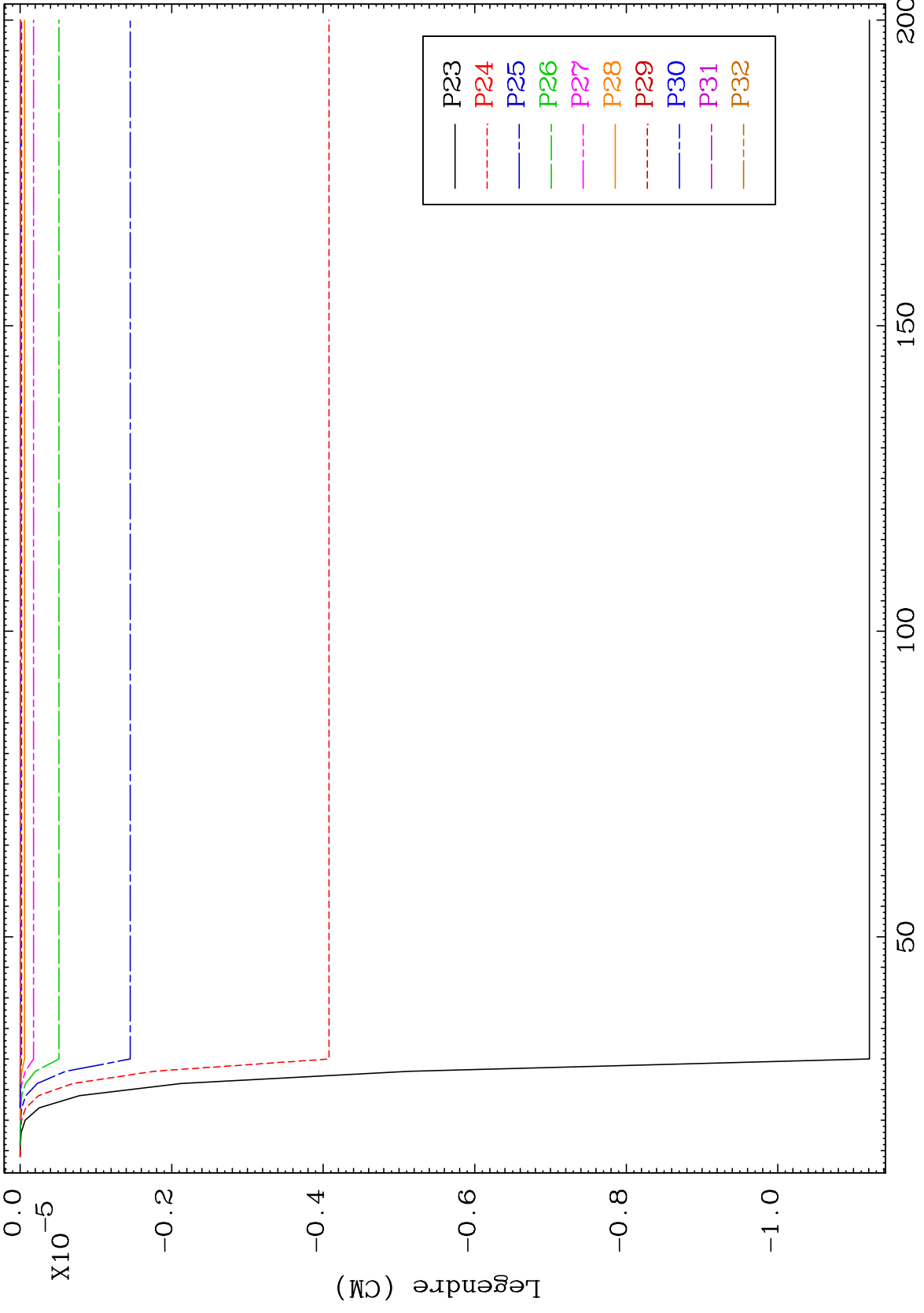
104

Incident Energy (MeV)

29-Cu-67



MAT 2937 MT= 79 (n,n') Level Legendre Coefficients 29-Cu-67

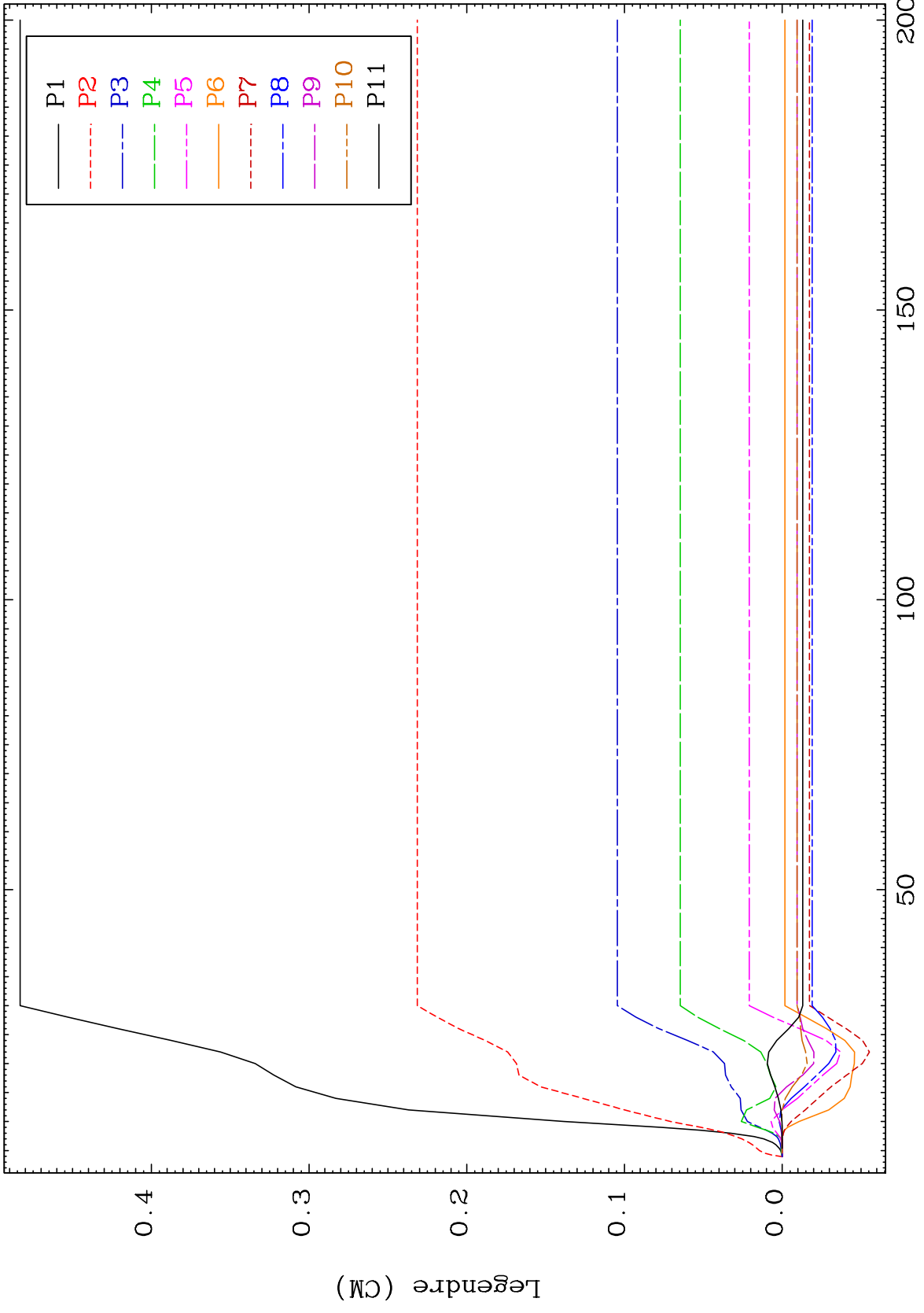


106 Incident Energy (MeV) 29-Cu-67

MAT 2937

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

29-Cu-67



107

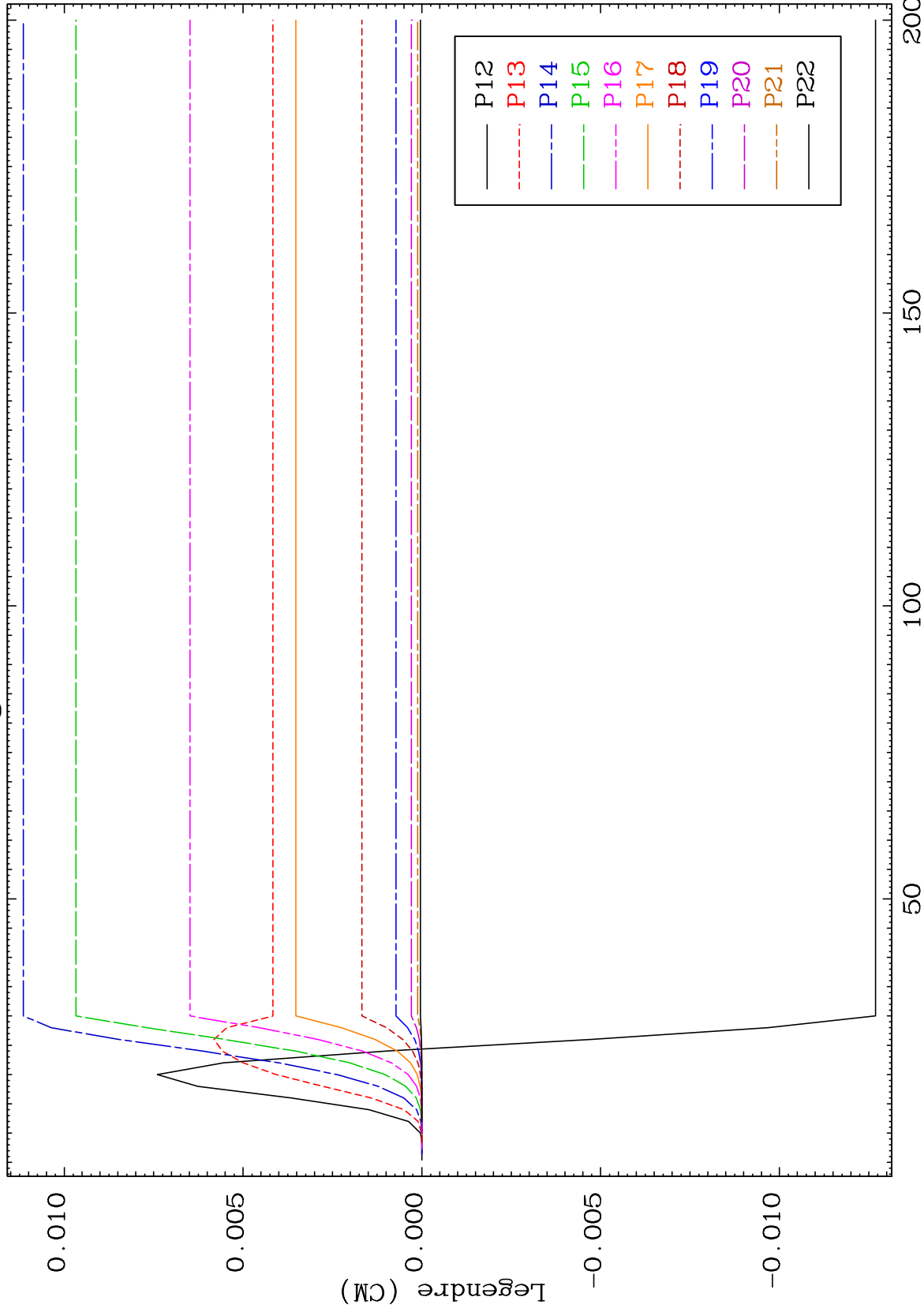
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



108

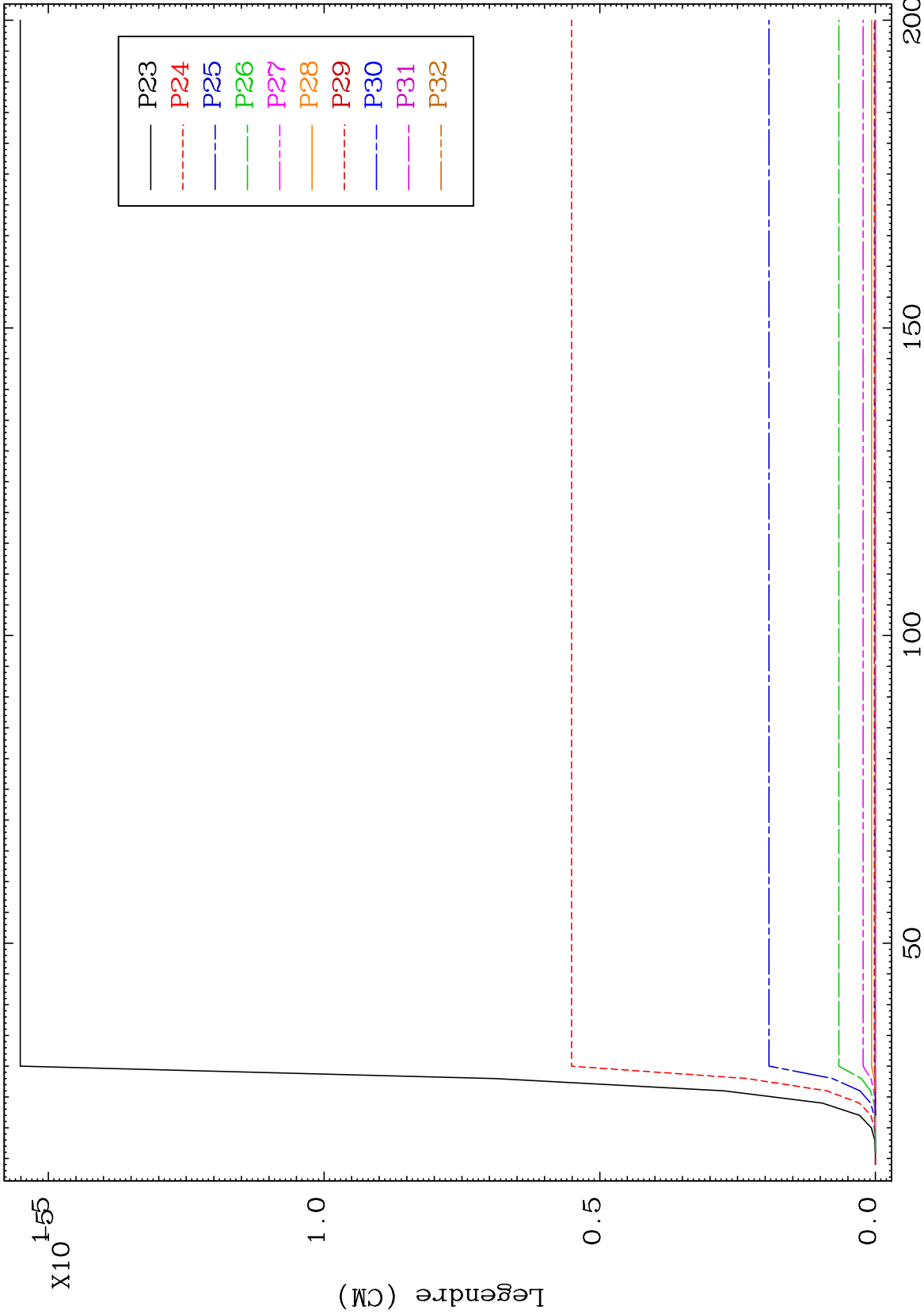
Incident Energy (MeV)

29-Cu-67

MAT 2937

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

29-Cu-67



109

Incident Energy (MeV)

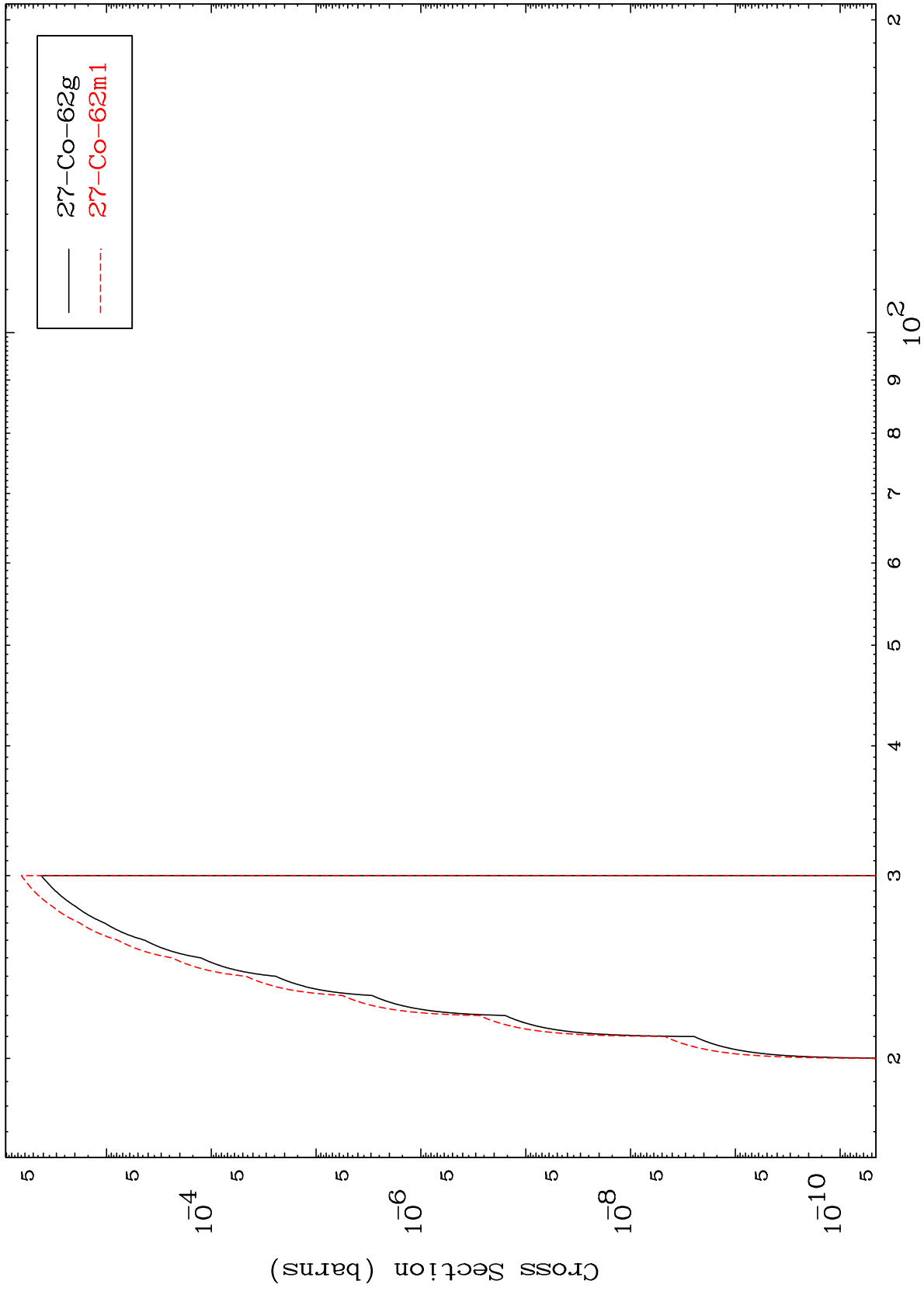
29-Cu-67

MAT 2937

(n,2n)  $\alpha$

29-Cu-67

Radionuclide Production Cross Section



110

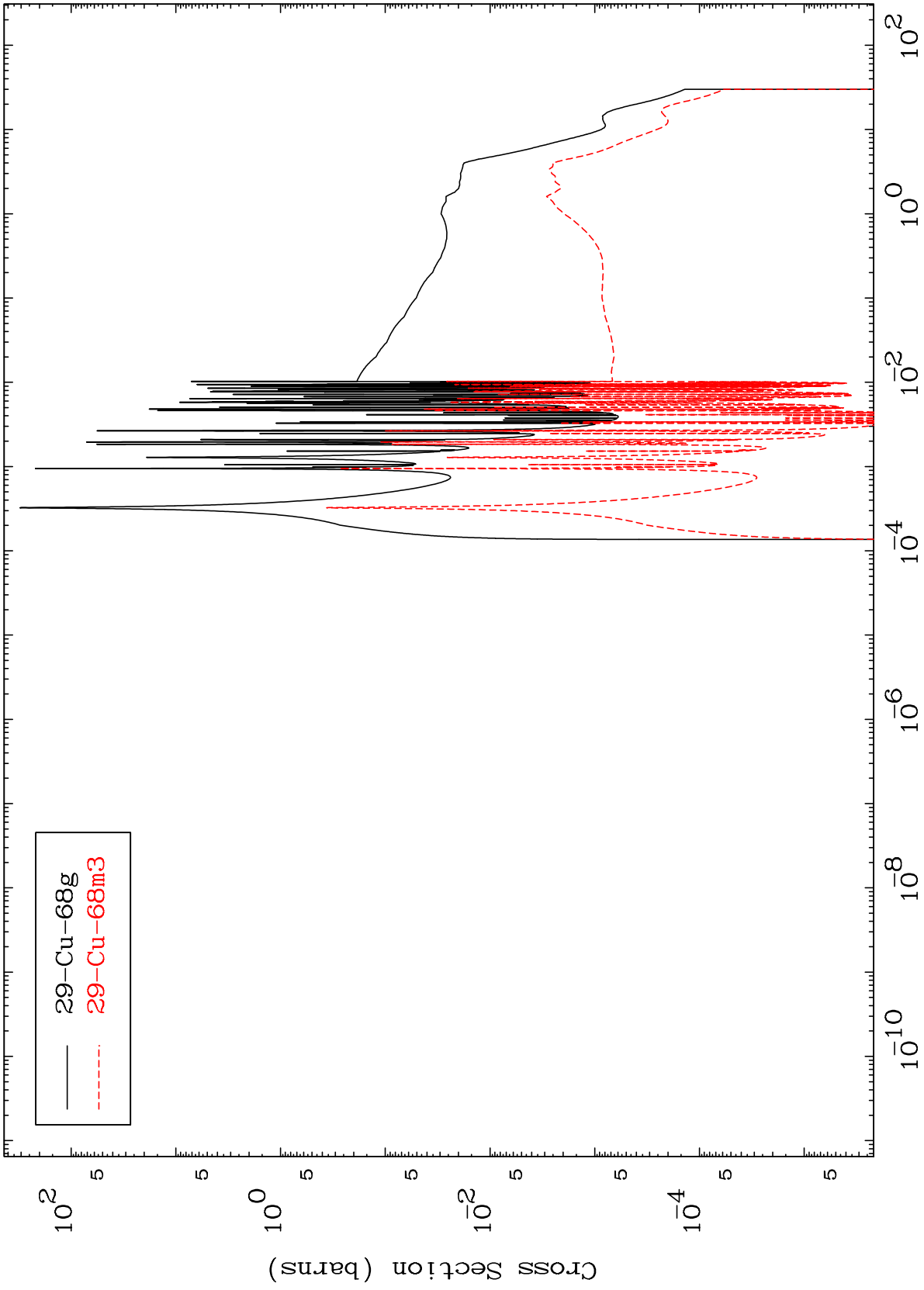
Incident Energy (MeV)

29-Cu-67

MAT 2937

<sup>29</sup>Cu-67

(n,γ)  
Radionuclide Production Cross Section



111

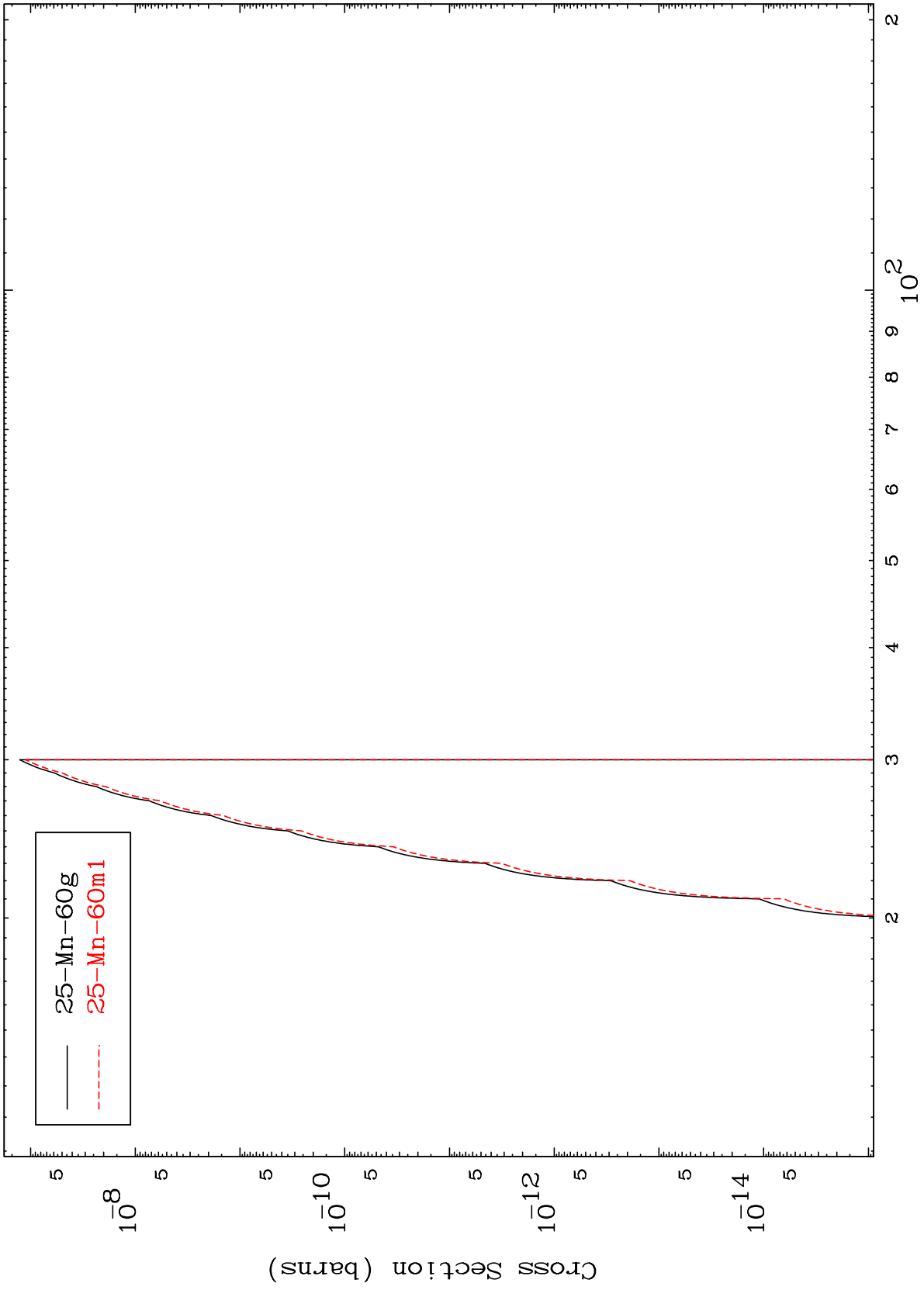
<sup>29</sup>Cu-67



MAT 2937

29-Cu-67

(n,2α)  
Radionuclide Production Cross Section



25-Mn-60g  
25-Mn-60m1