

Program EVALPLOT  
(Version 2018-1)

by

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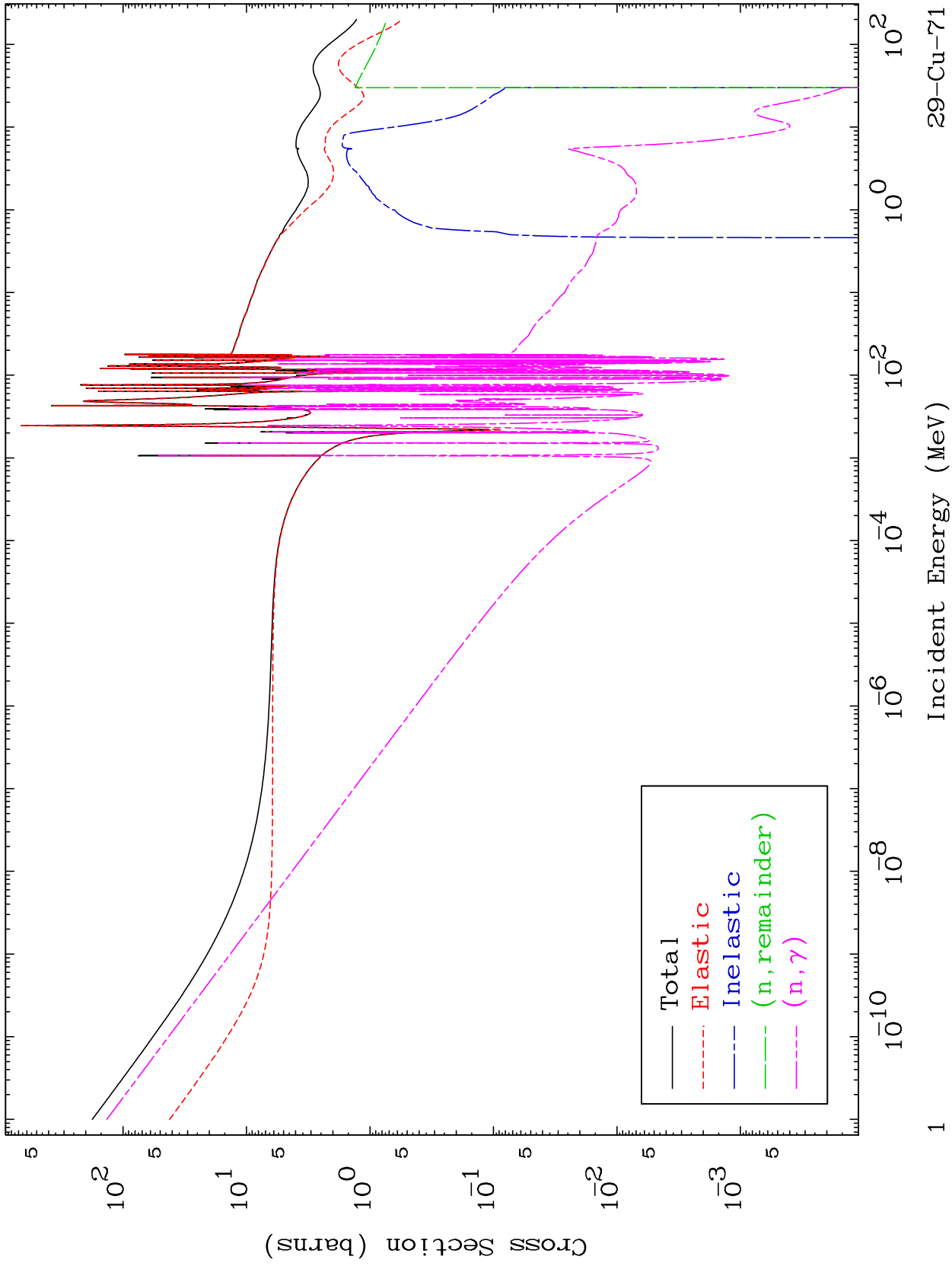
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2949

Major  
293 Kelvin Cross Sections

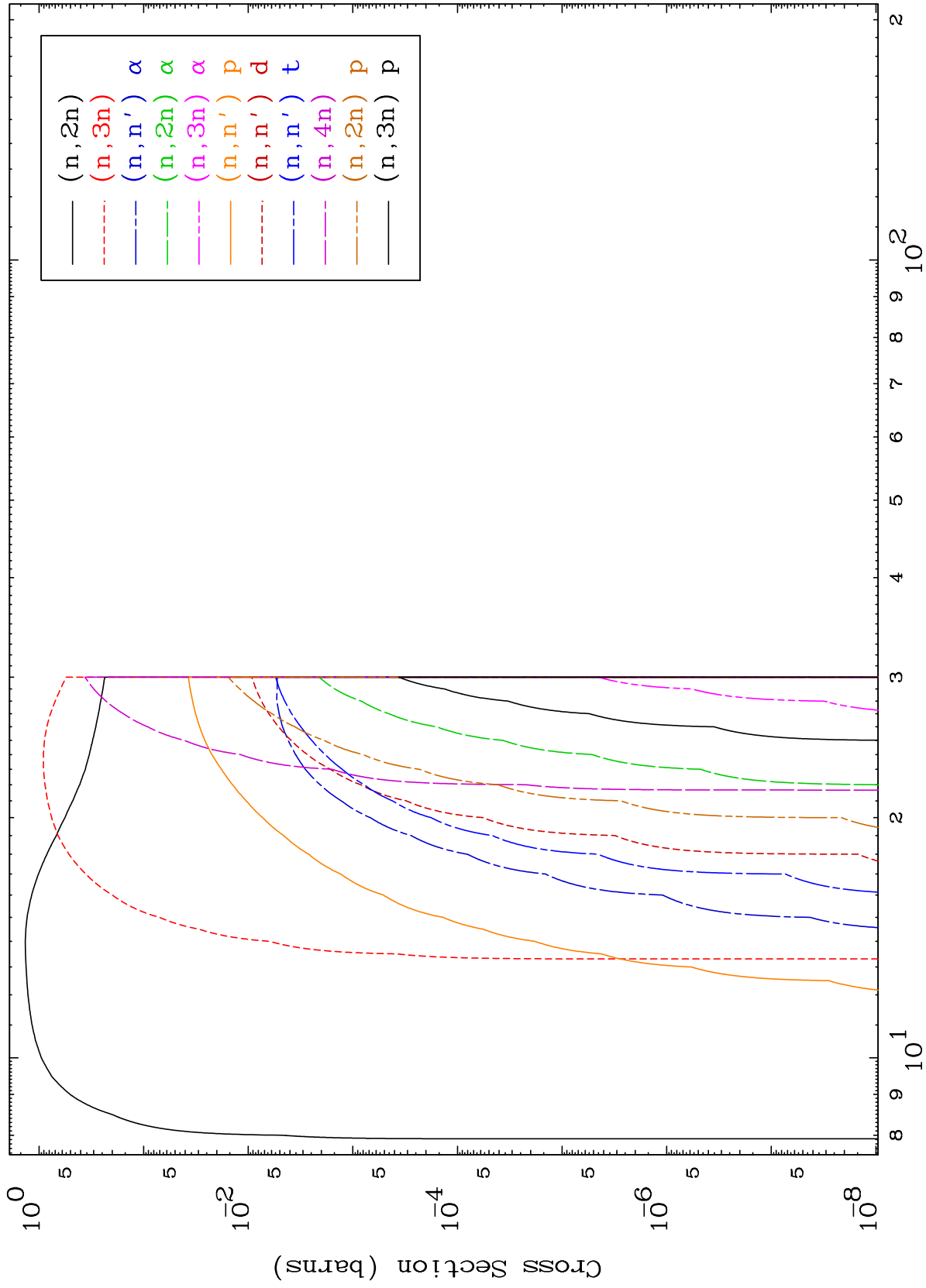
29-Cu-71



MAT 2949

Neutron Production  
293 Kelvin Cross Sections

29-Cu-71



2

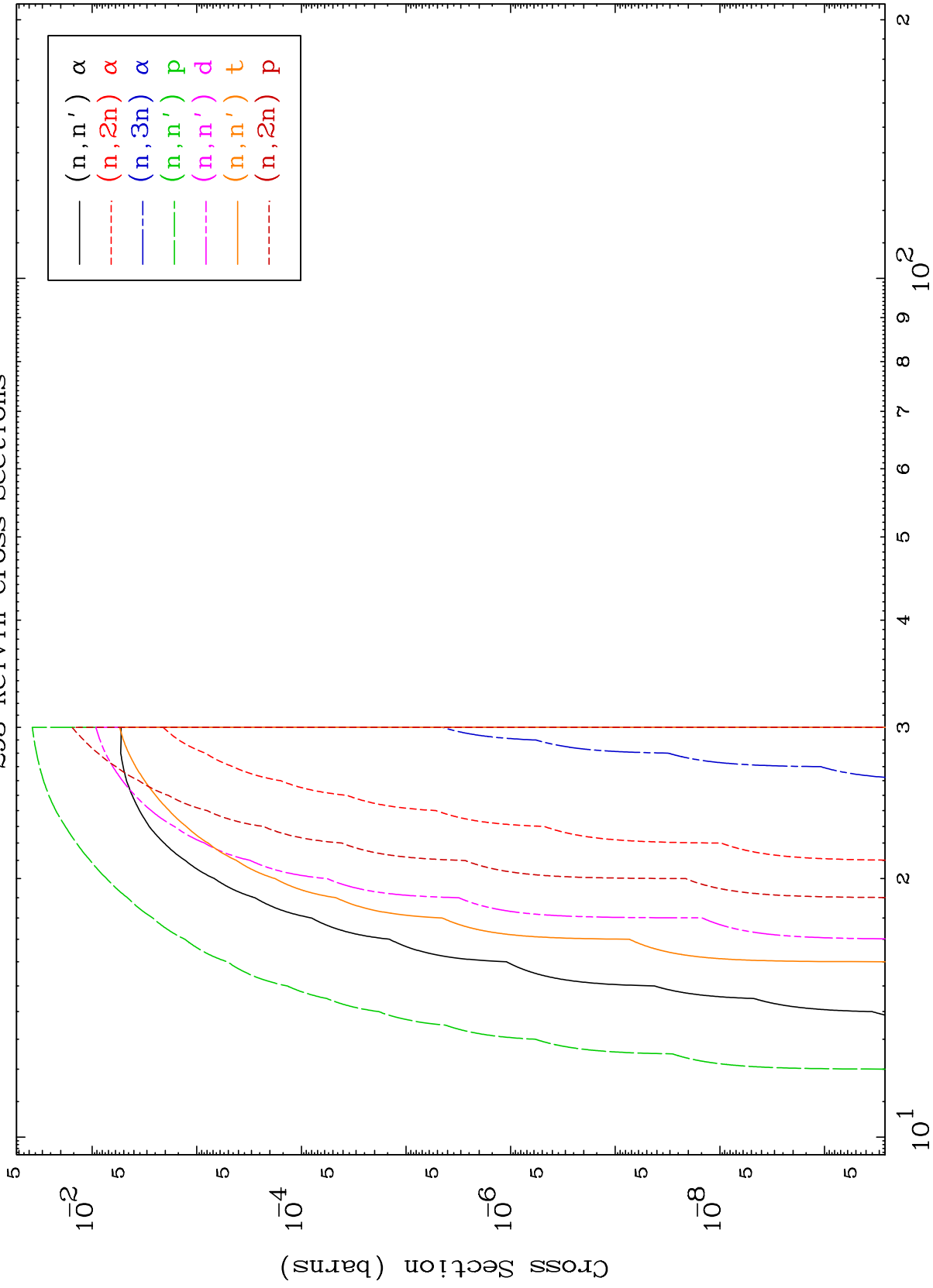
Incident Energy (MeV)

29-Cu-71

MAT 2949

Charged Particle  
293 Kelvin Cross Sections

29-Cu-71

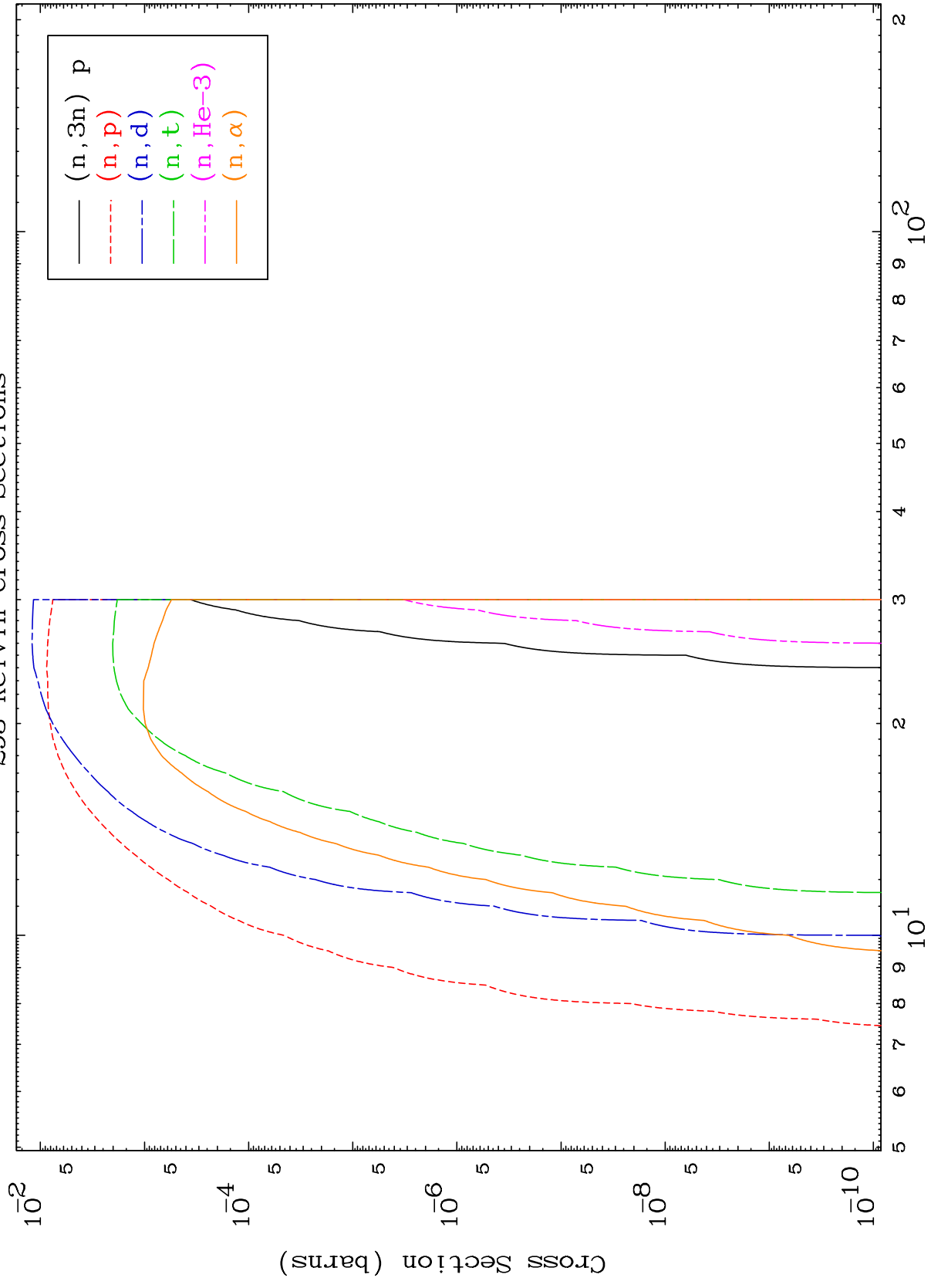


29-Cu-71

MAT 2949

Charged Particle  
293 Kelvin Cross Sections

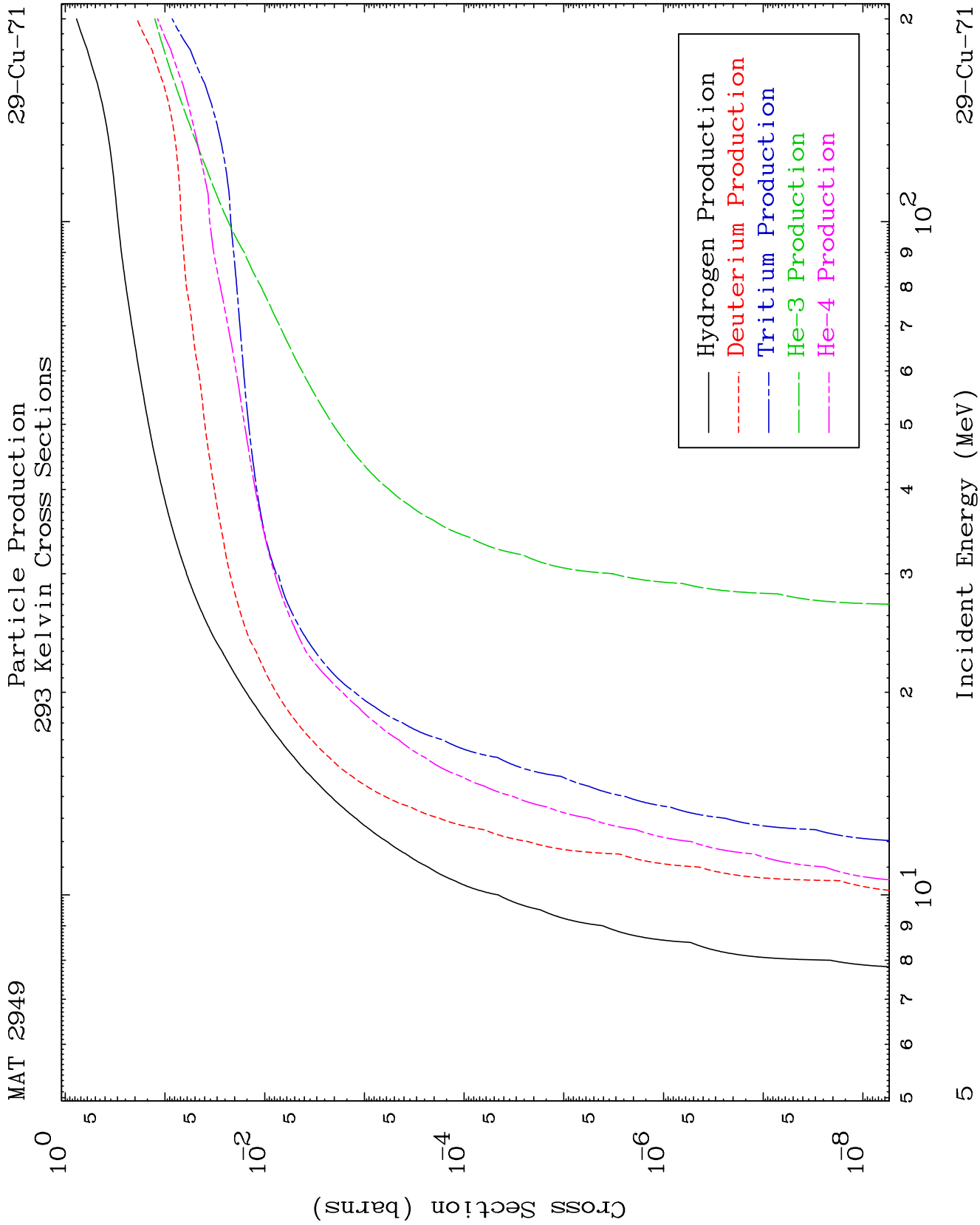
29-Cu-71

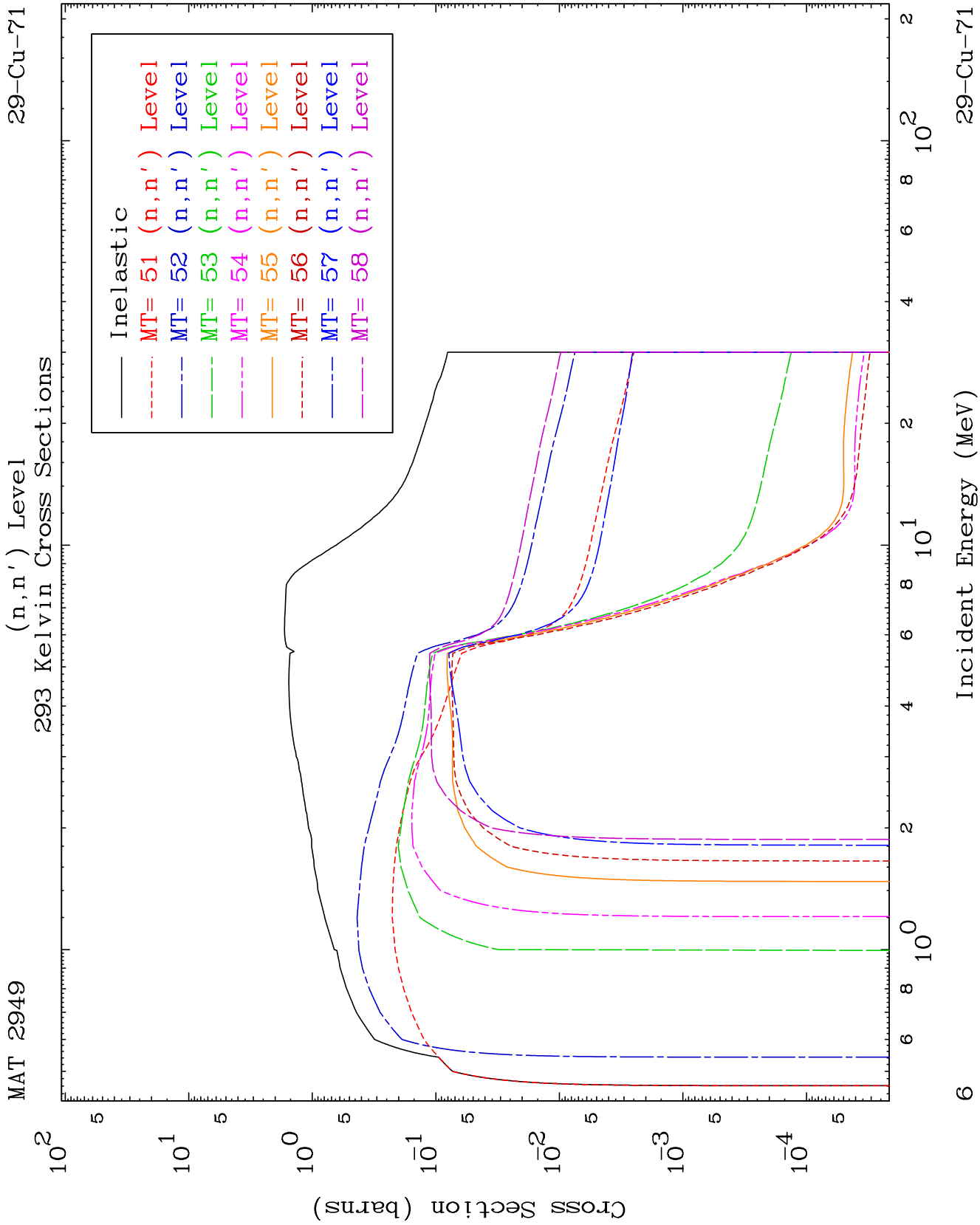


4

Incident Energy (MeV)

29-Cu-71

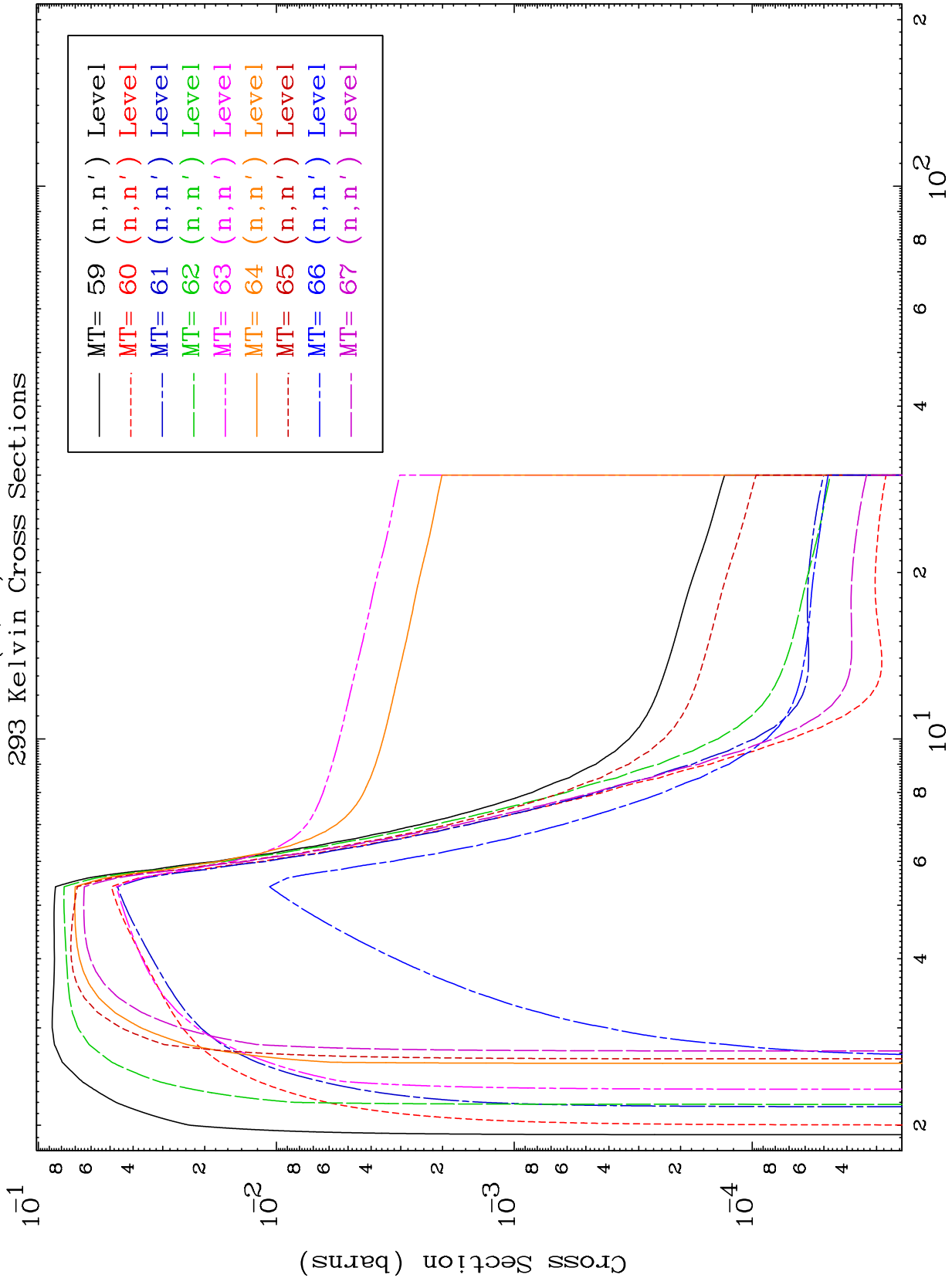




MAT 2949

(n,n') Level

29-Cu-71



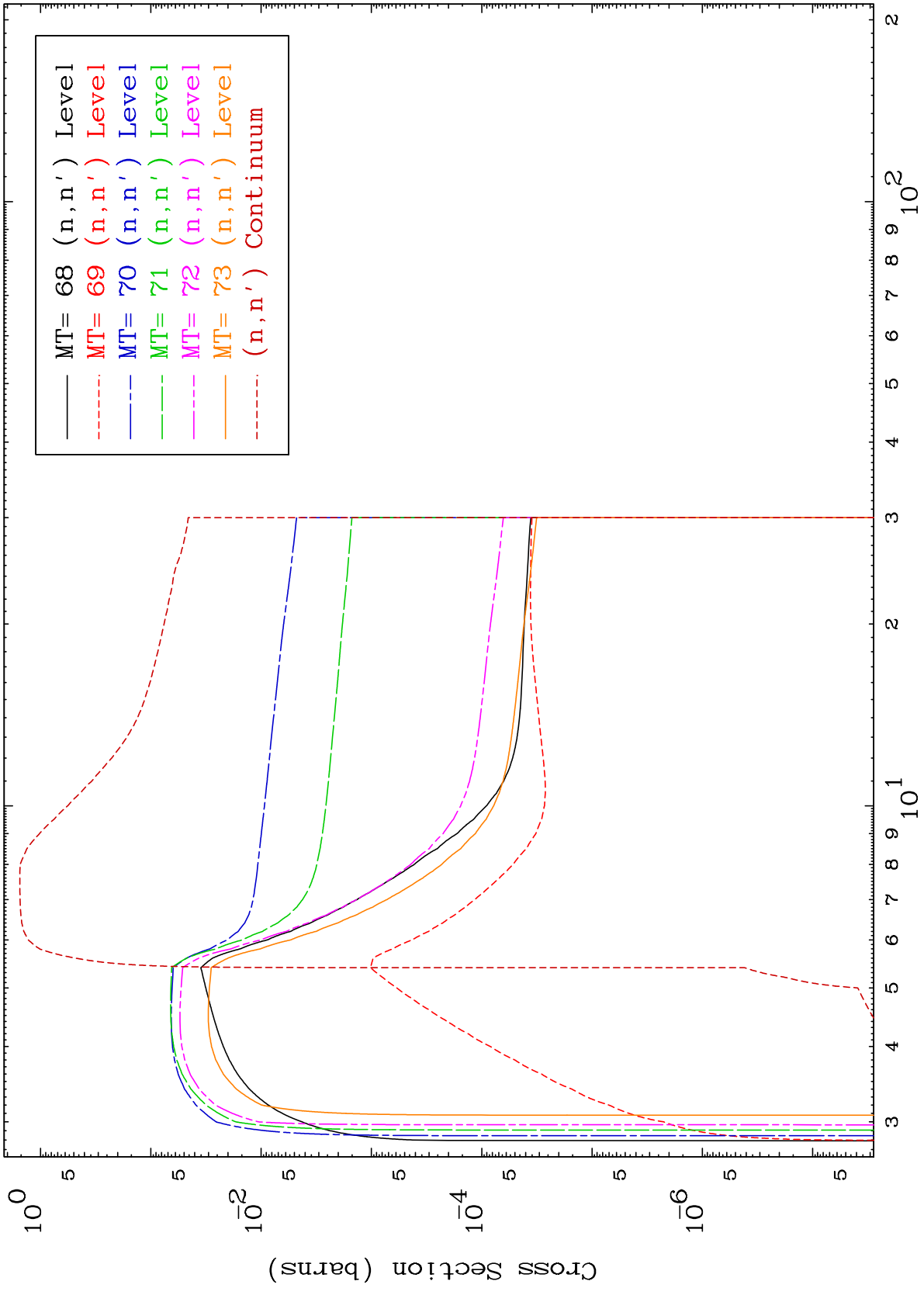


MAT 2949

(n,n') Level

29-Cu-71

293 Kelvin Cross Sections



8

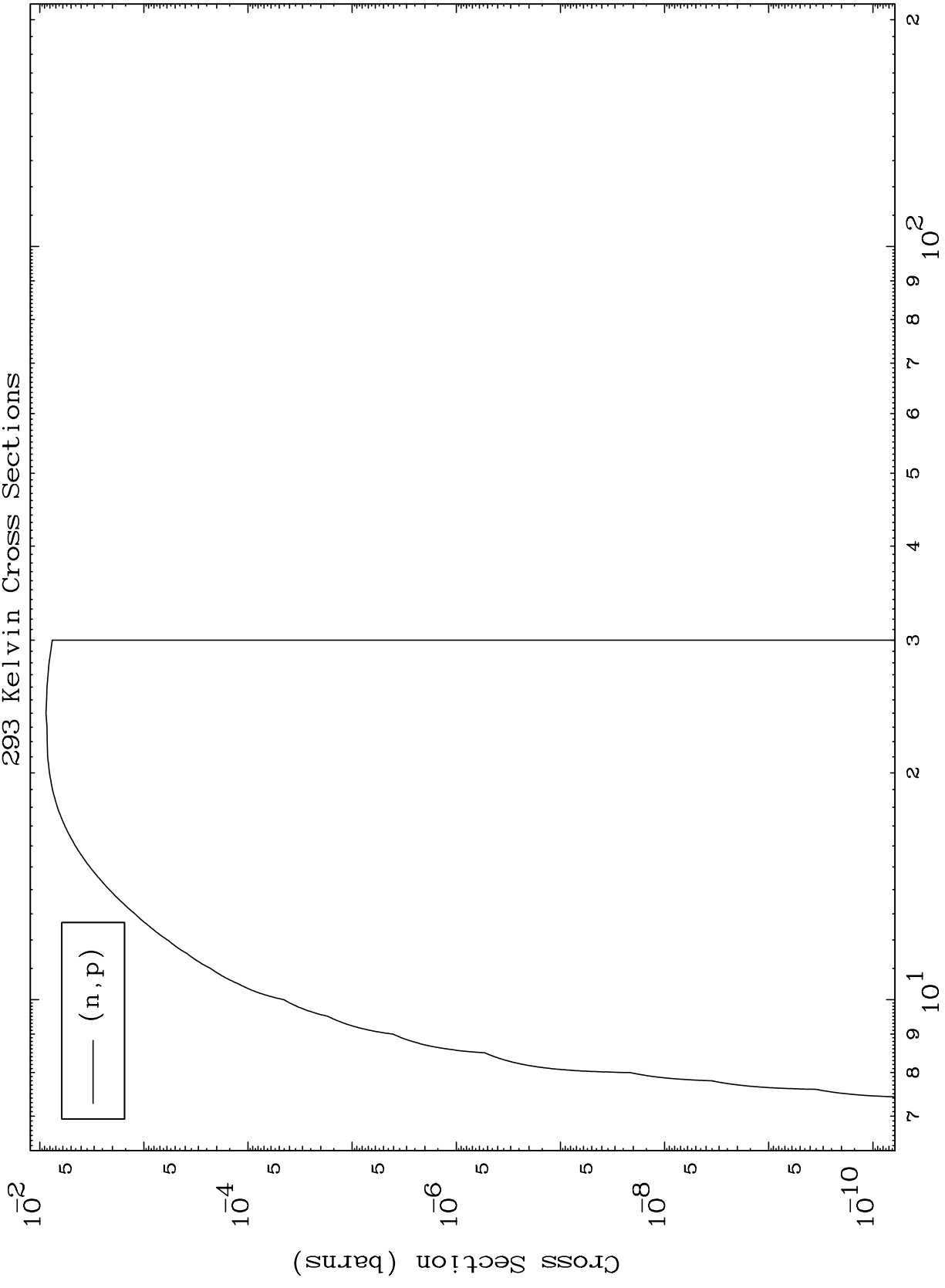
Incident Energy (MeV)

29-Cu-71

MAT 2949

29-Cu-71

(n,p) Levels  
293 Kelvin Cross Sections



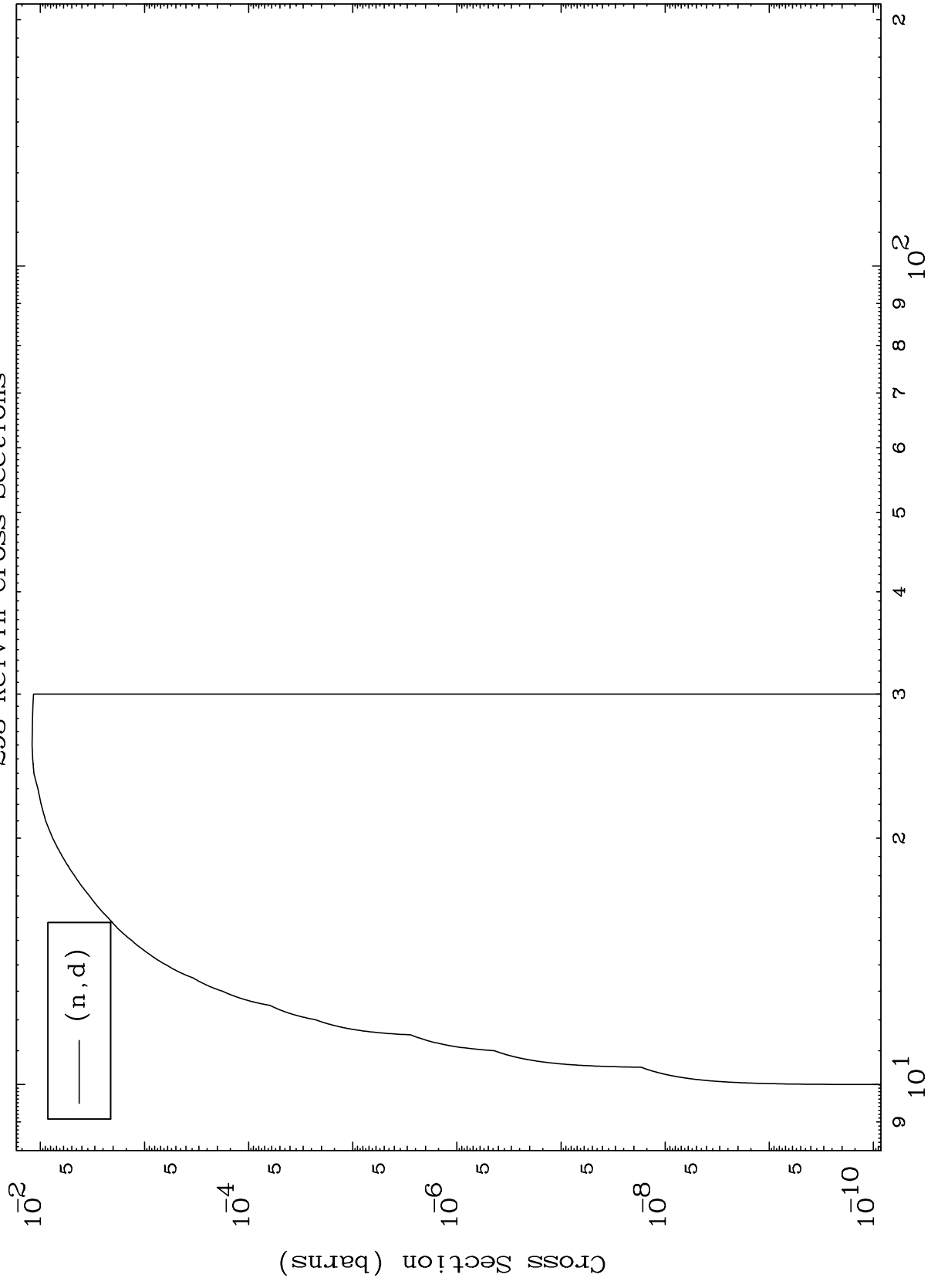
9

29-Cu-71

MAT 2949

(n,d) Levels  
293 Kelvin Cross Sections

29-Cu-71



10

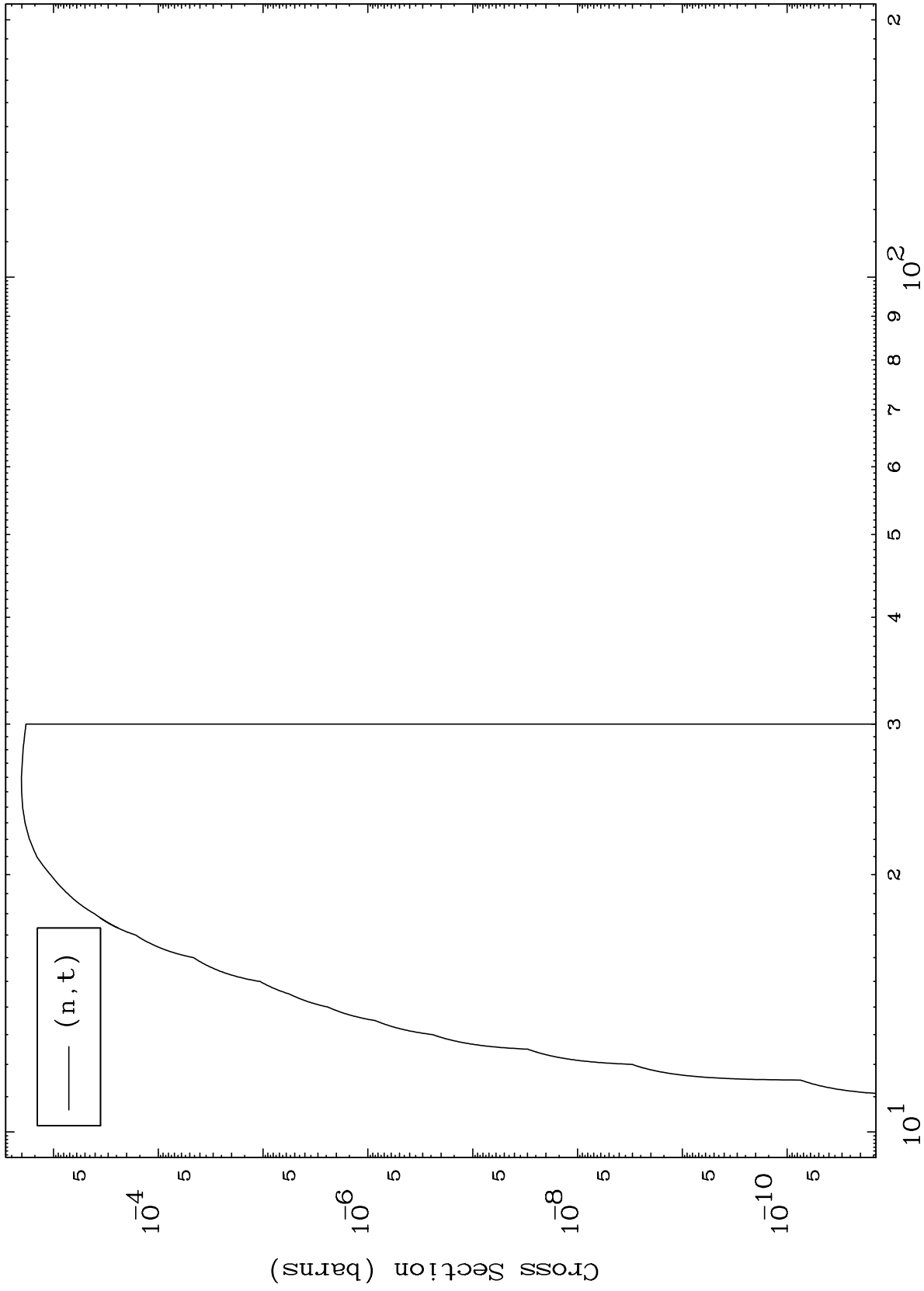
Incident Energy (MeV)

29-Cu-71

MAT 2949

(n,t) Levels  
293 Kelvin Cross Sections

29-Cu-71



11

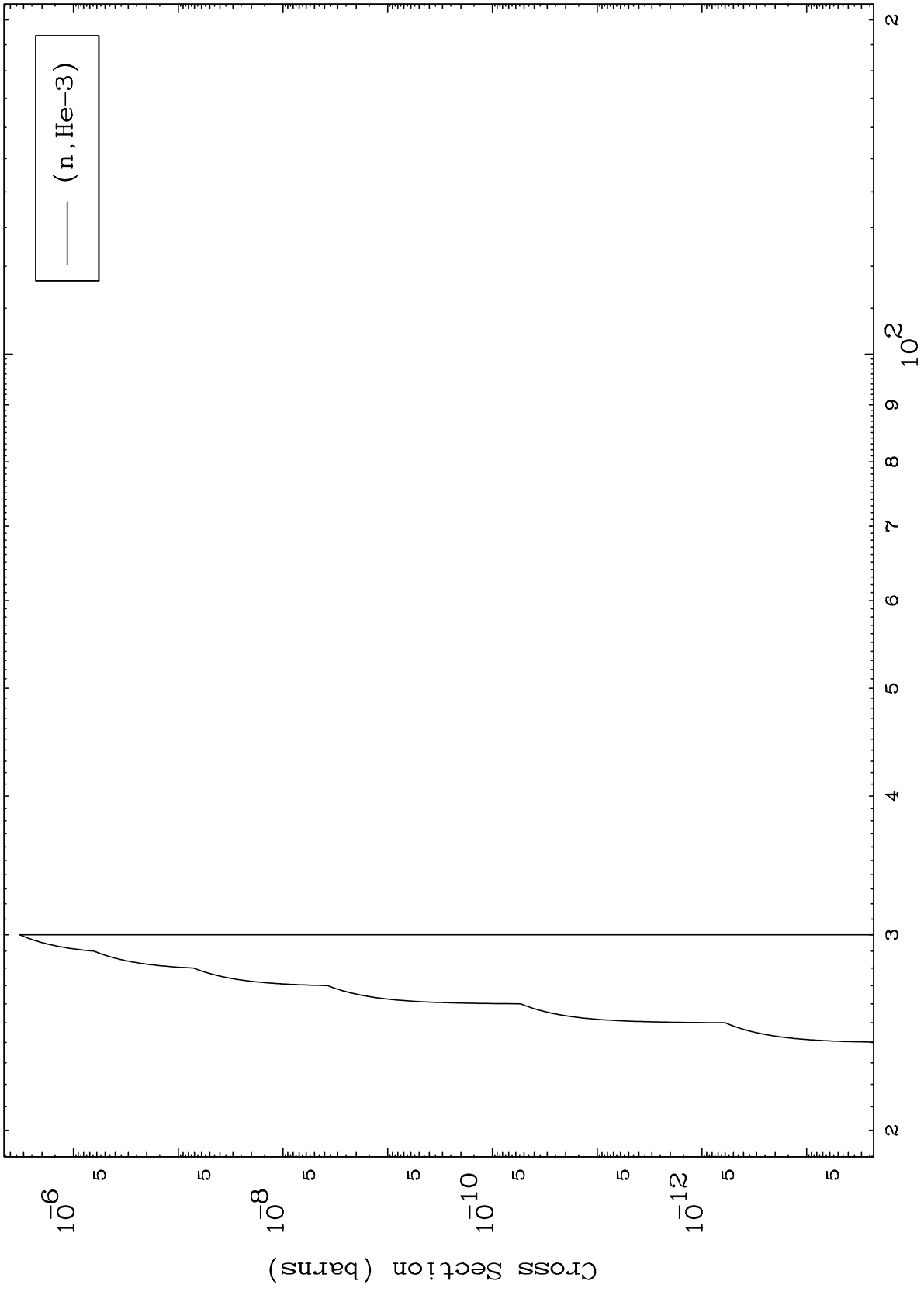
Incident Energy (MeV)

29-Cu-71

MAT 2949

(n,He3) Levels  
293 Kelvin Cross Sections

29-Cu-71



12

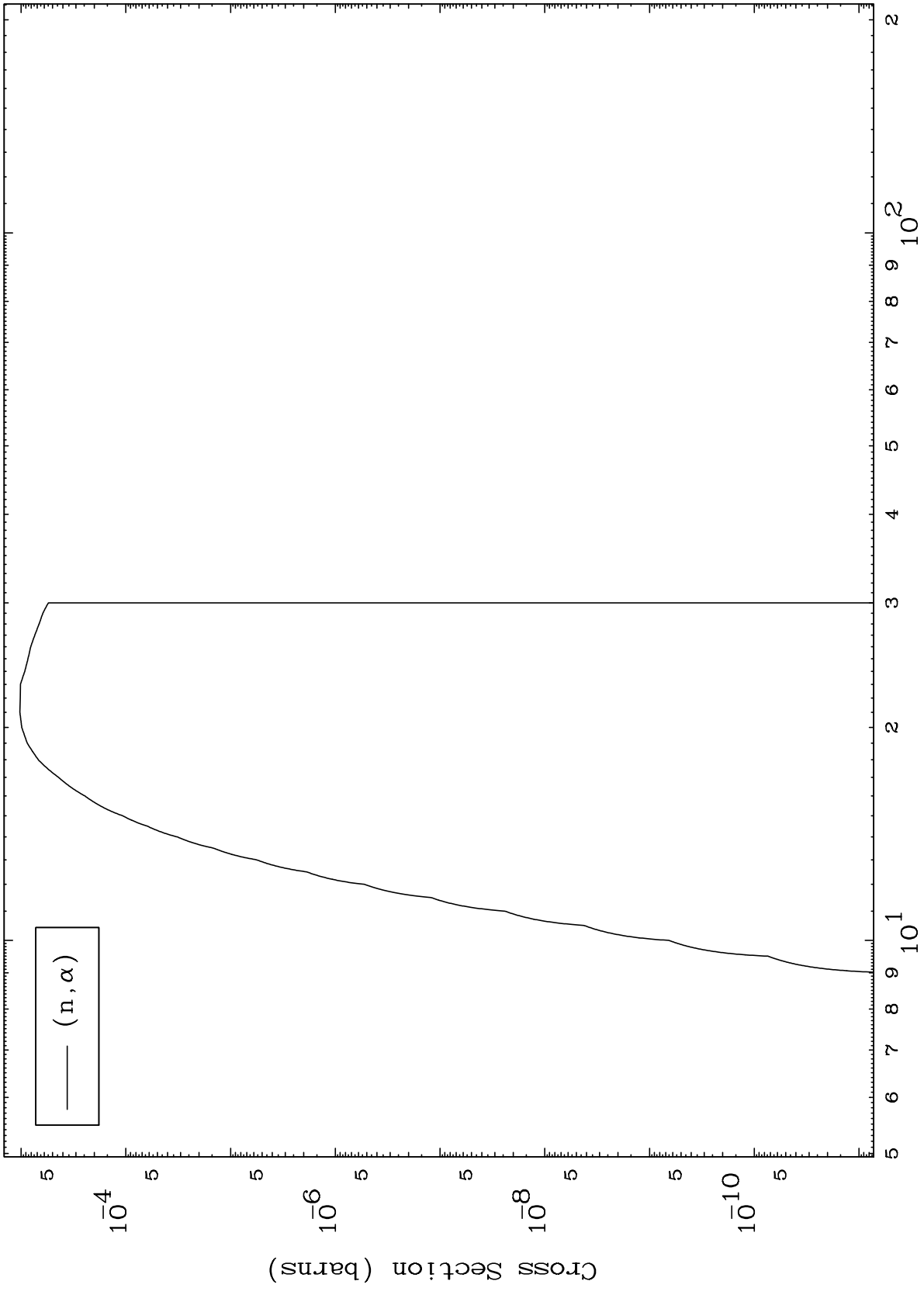
Incident Energy (MeV)

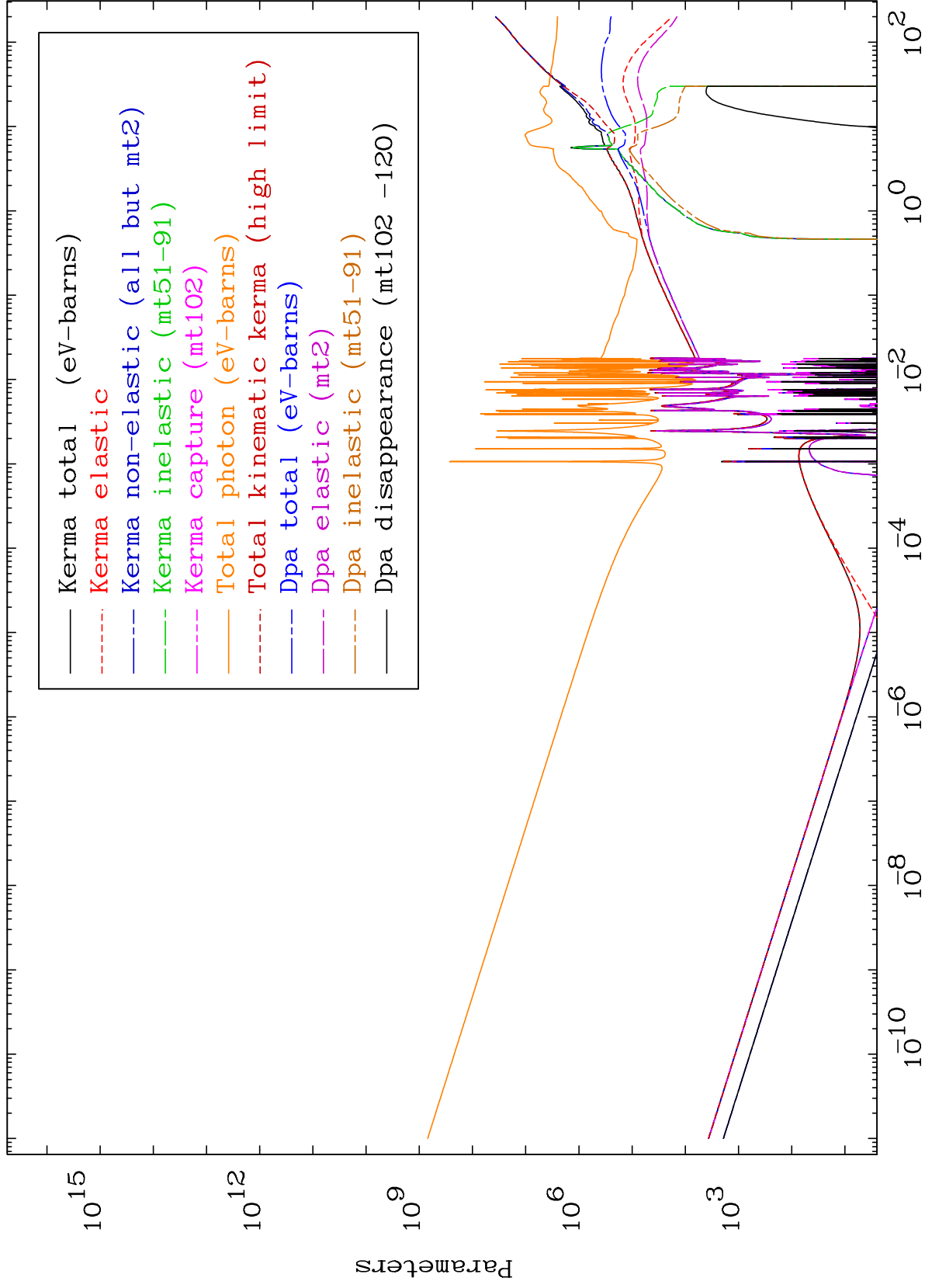
29-Cu-71

MAT 2949

29-Cu-71

(n,α) Levels  
293 Kelvin Cross Sections

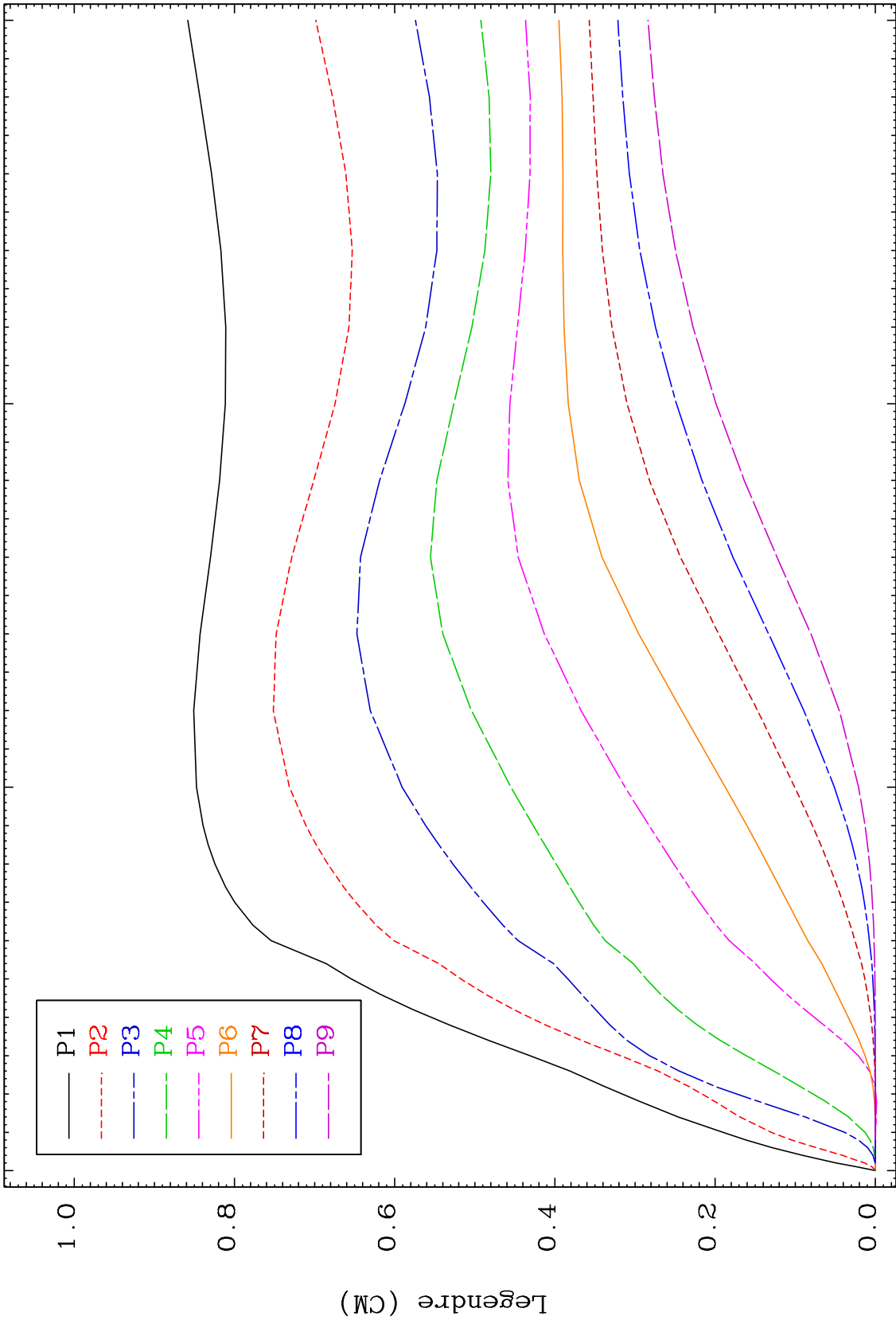




MAT 2949

Elastic Legendre Coefficients

29-Cu-71



15

Incident Energy (MeV)

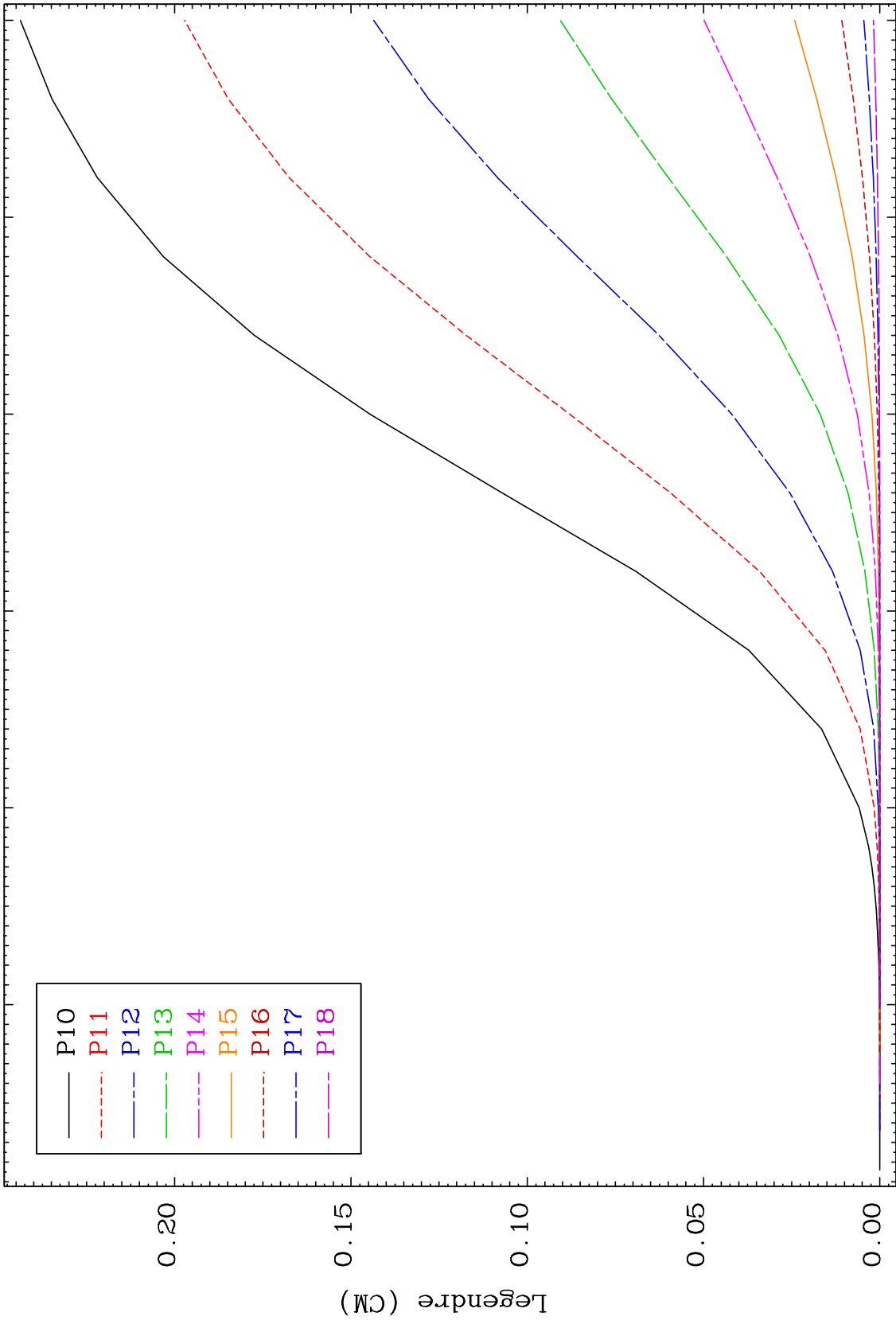
29-Cu-71



MAT 2949

Elastic Legendre Coefficients

29-Cu-71



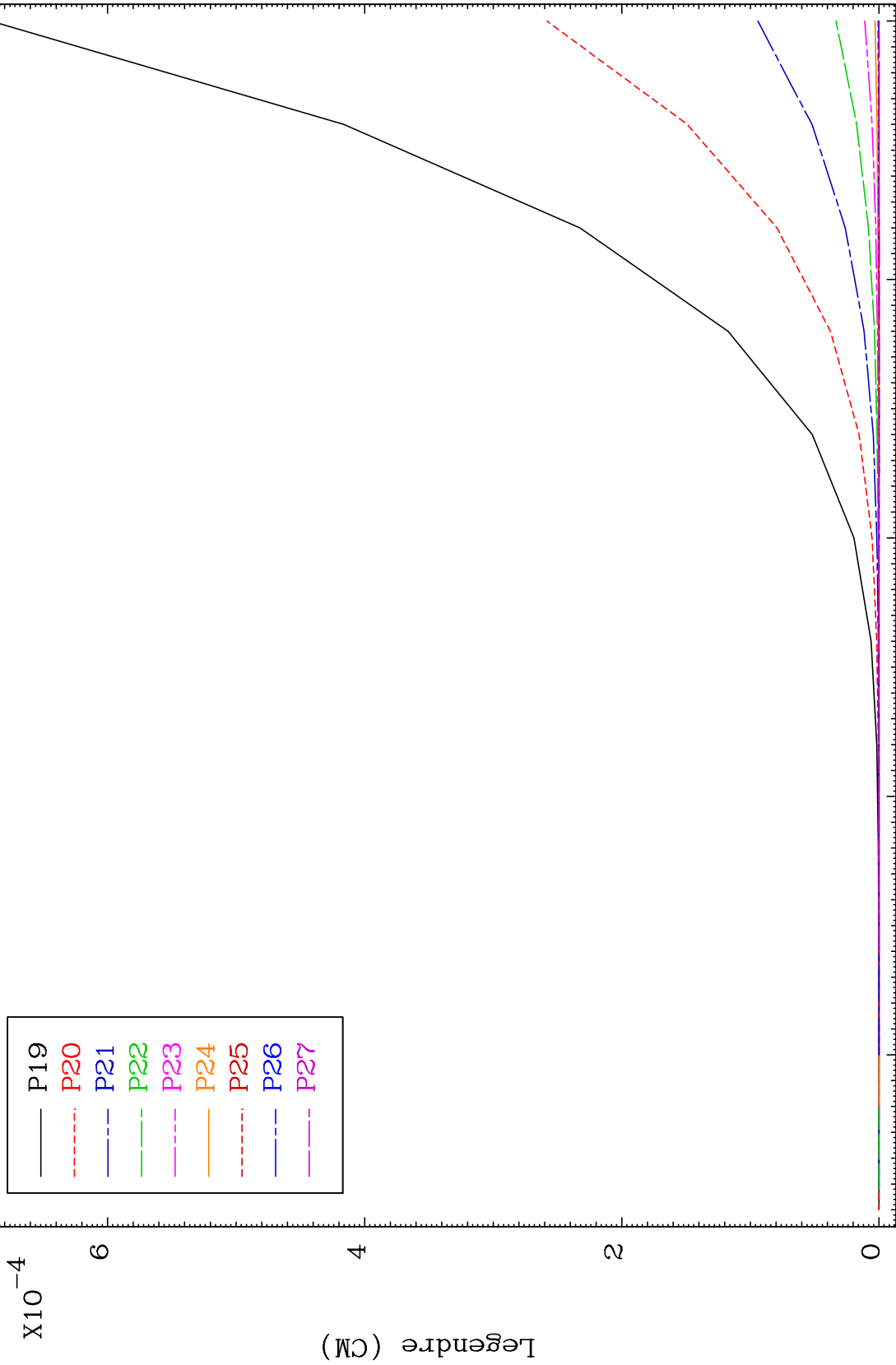
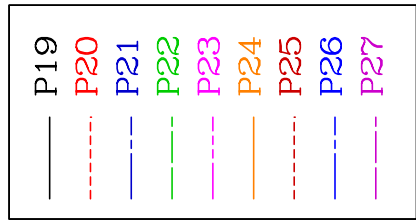
16

29-Cu-71

MAT 2949

### Elastic Legendre Coefficients

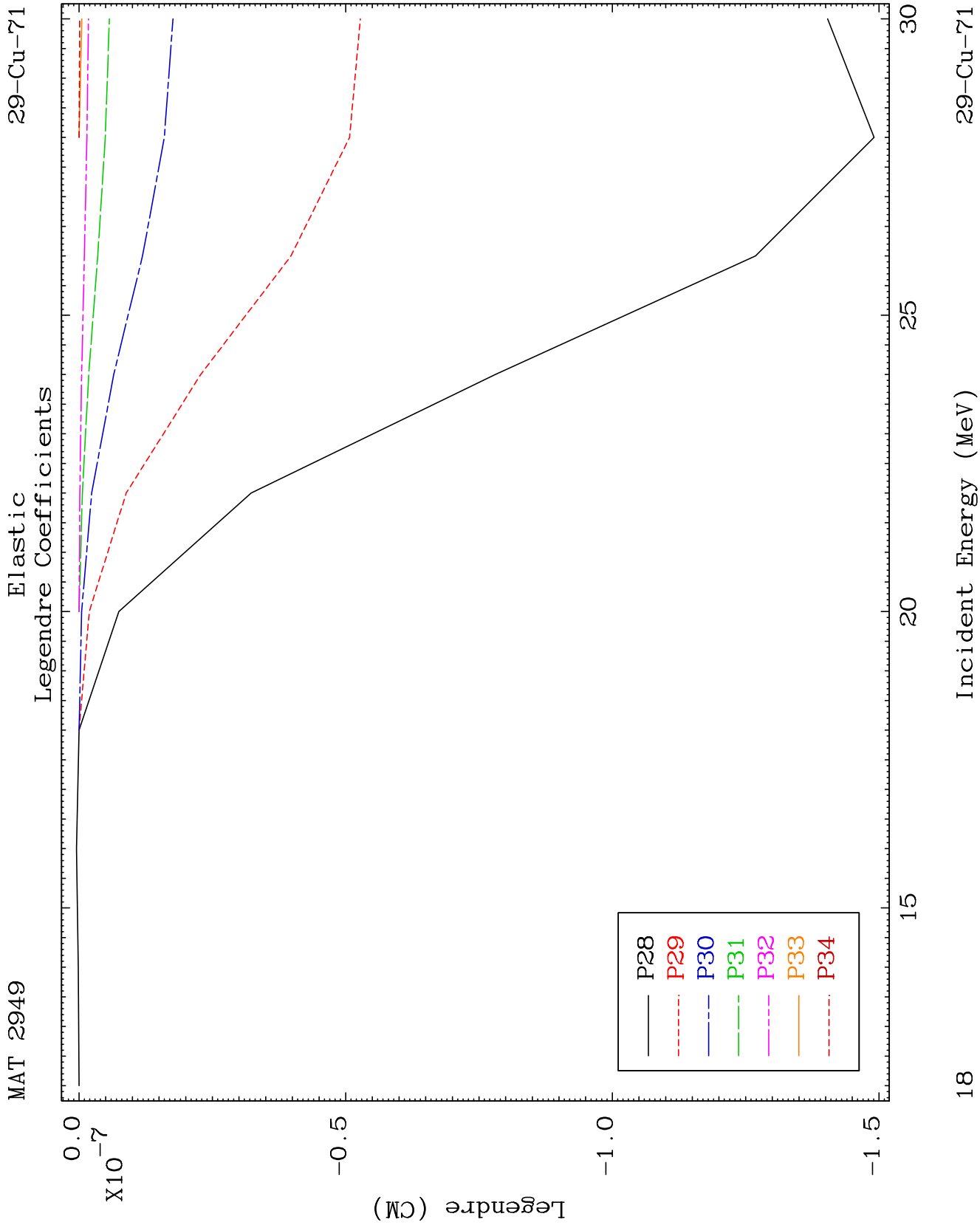
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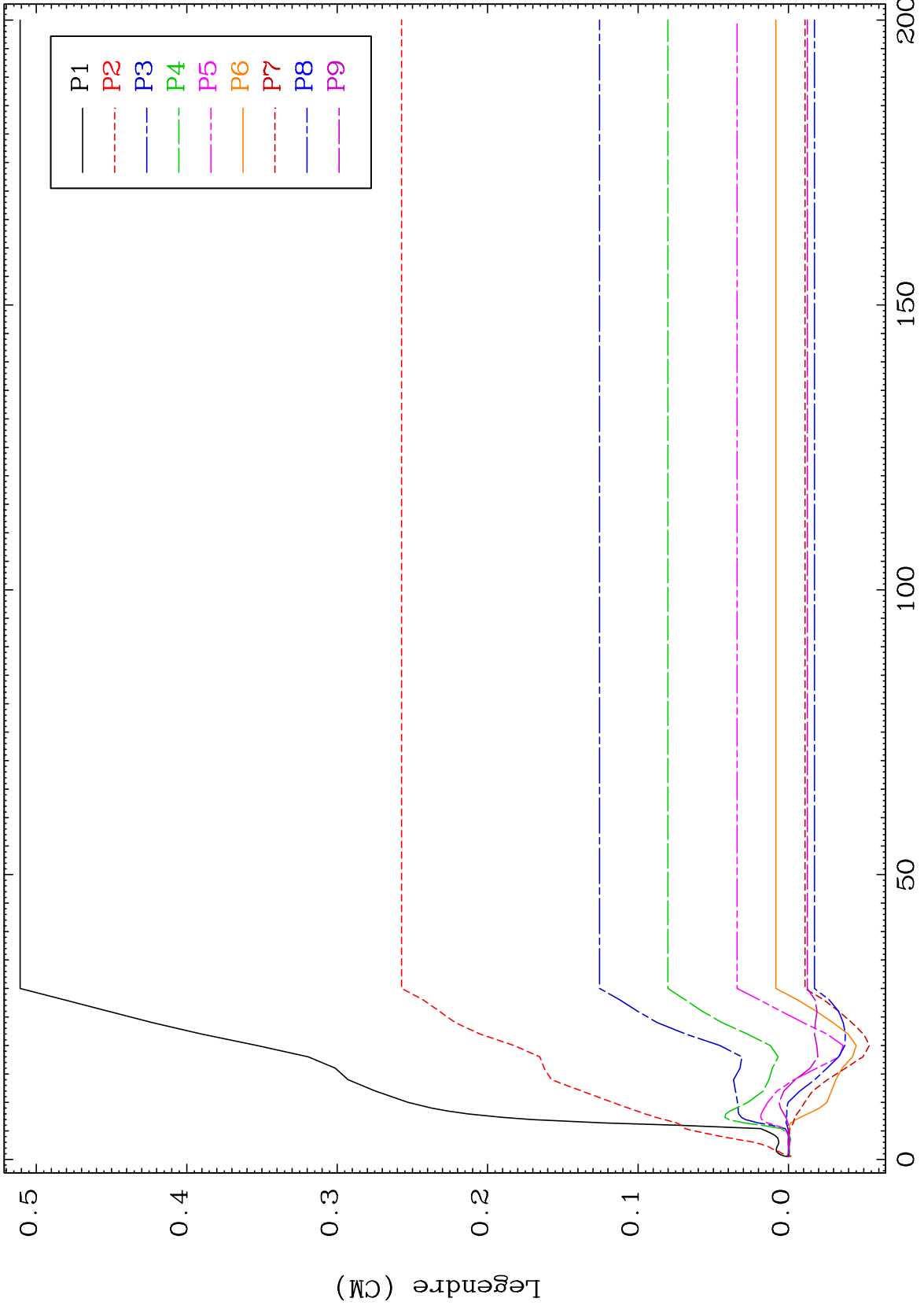
17

Incident Energy (MeV)

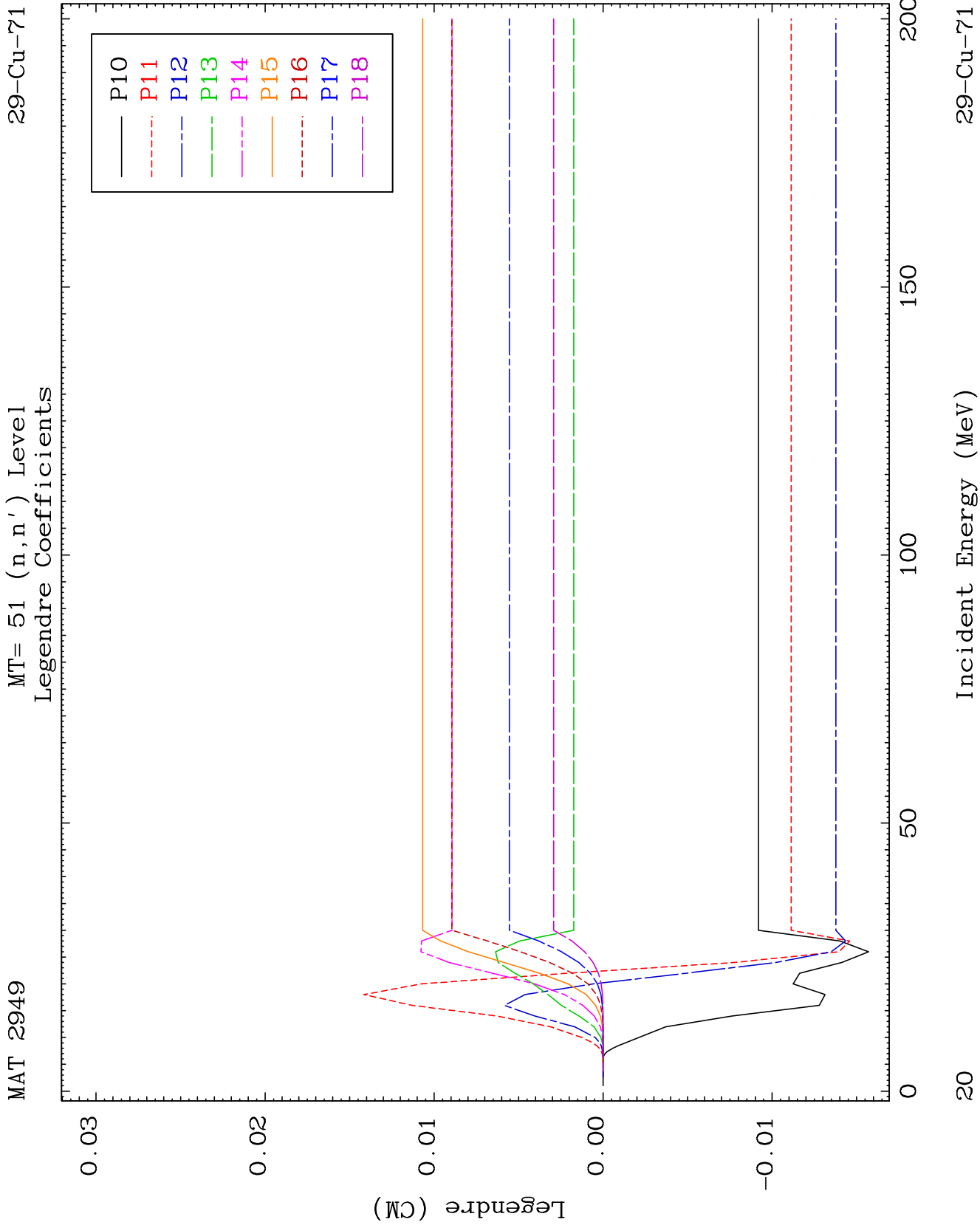
29-Cu-71



MAT 2949 MT= 51 (n,n') Level Legendre Coefficients 29-Cu-71



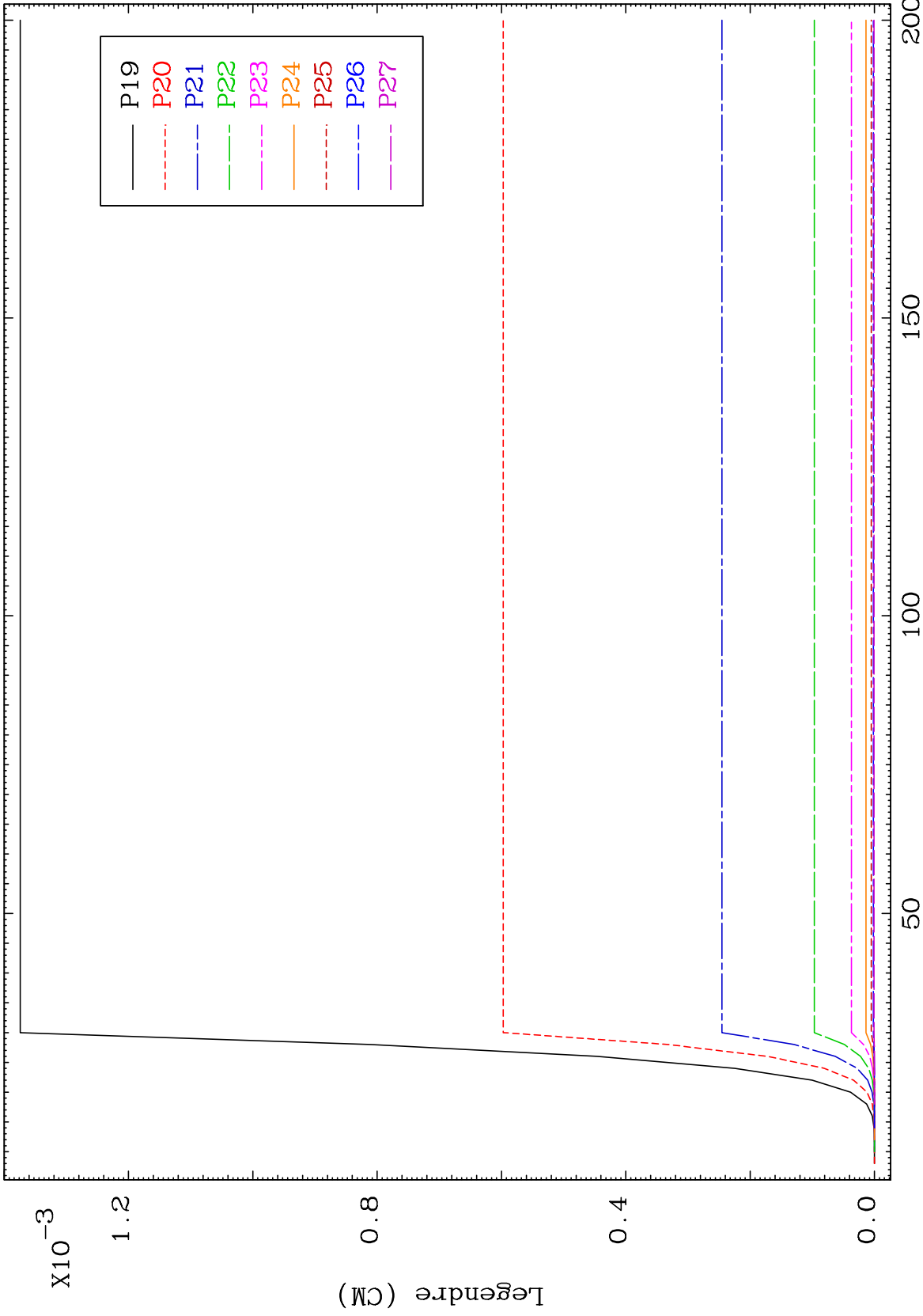
19 29-Cu-71



MAT 2949

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

29-Cu-71

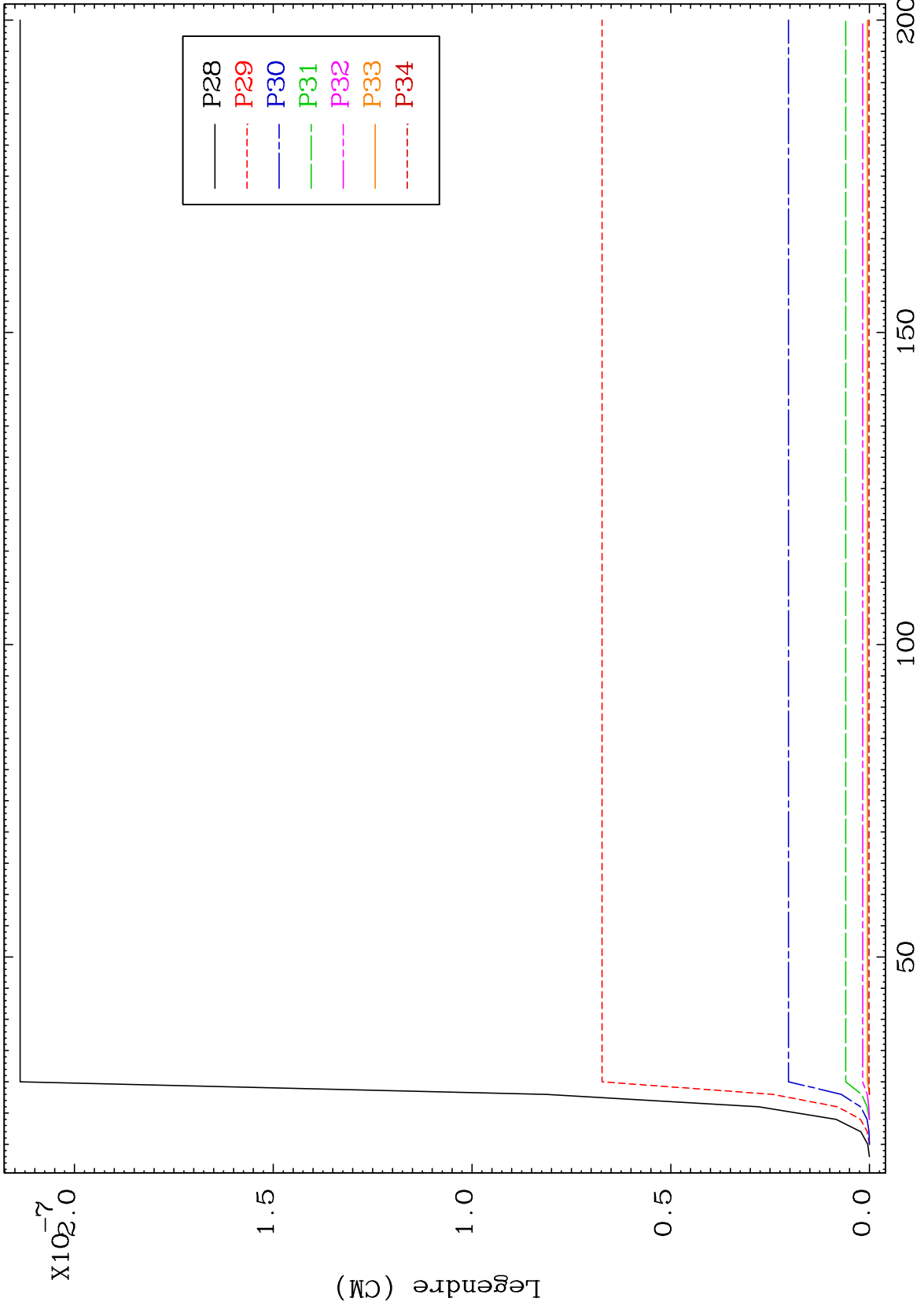


21

Incident Energy (MeV)

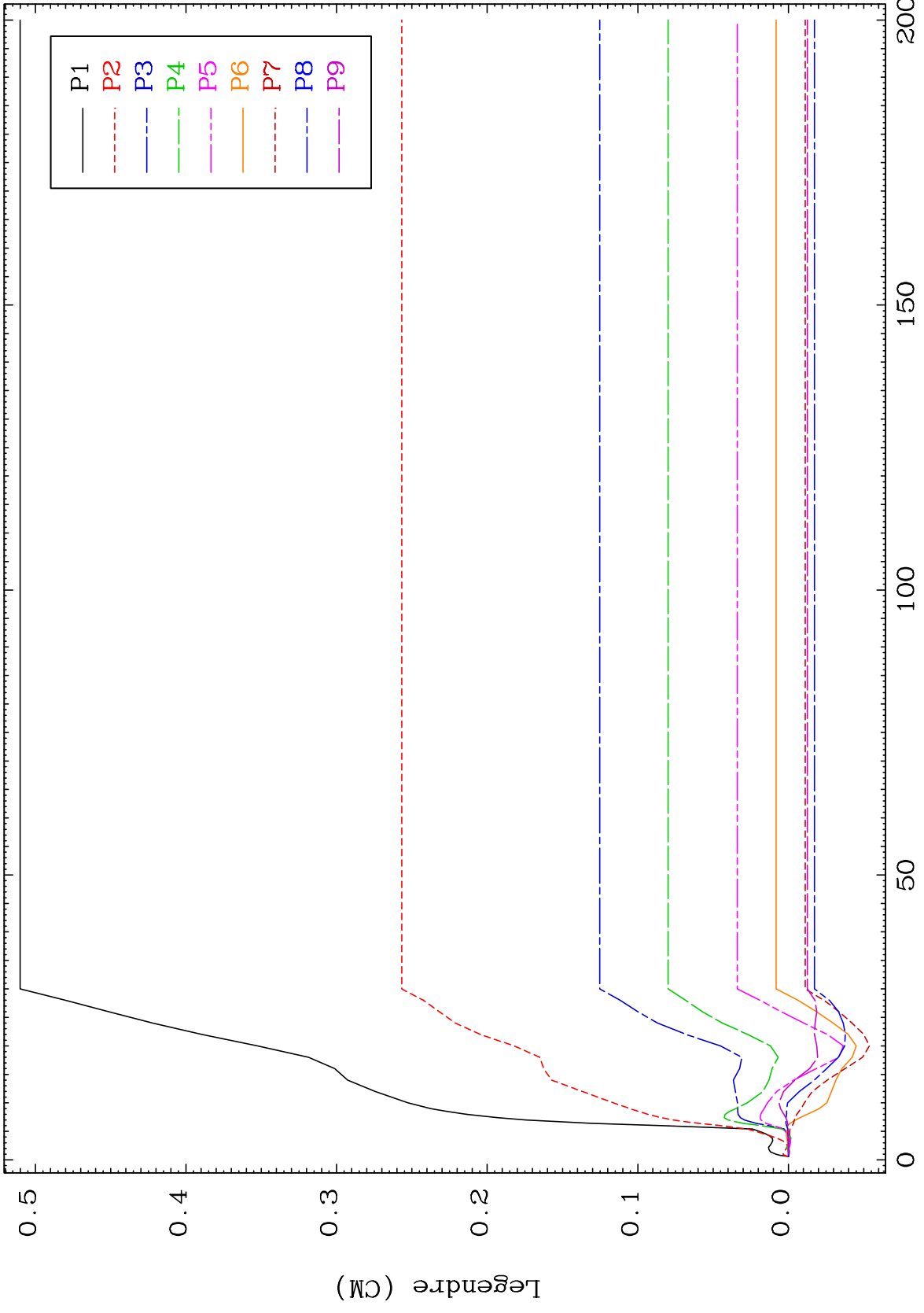
29-Cu-71

MAT 2949 MT= 51 (n,n') Level Legendre Coefficients 29-Cu-71



22 50 100 150 200 Incident Energy (MeV) 29-Cu-71

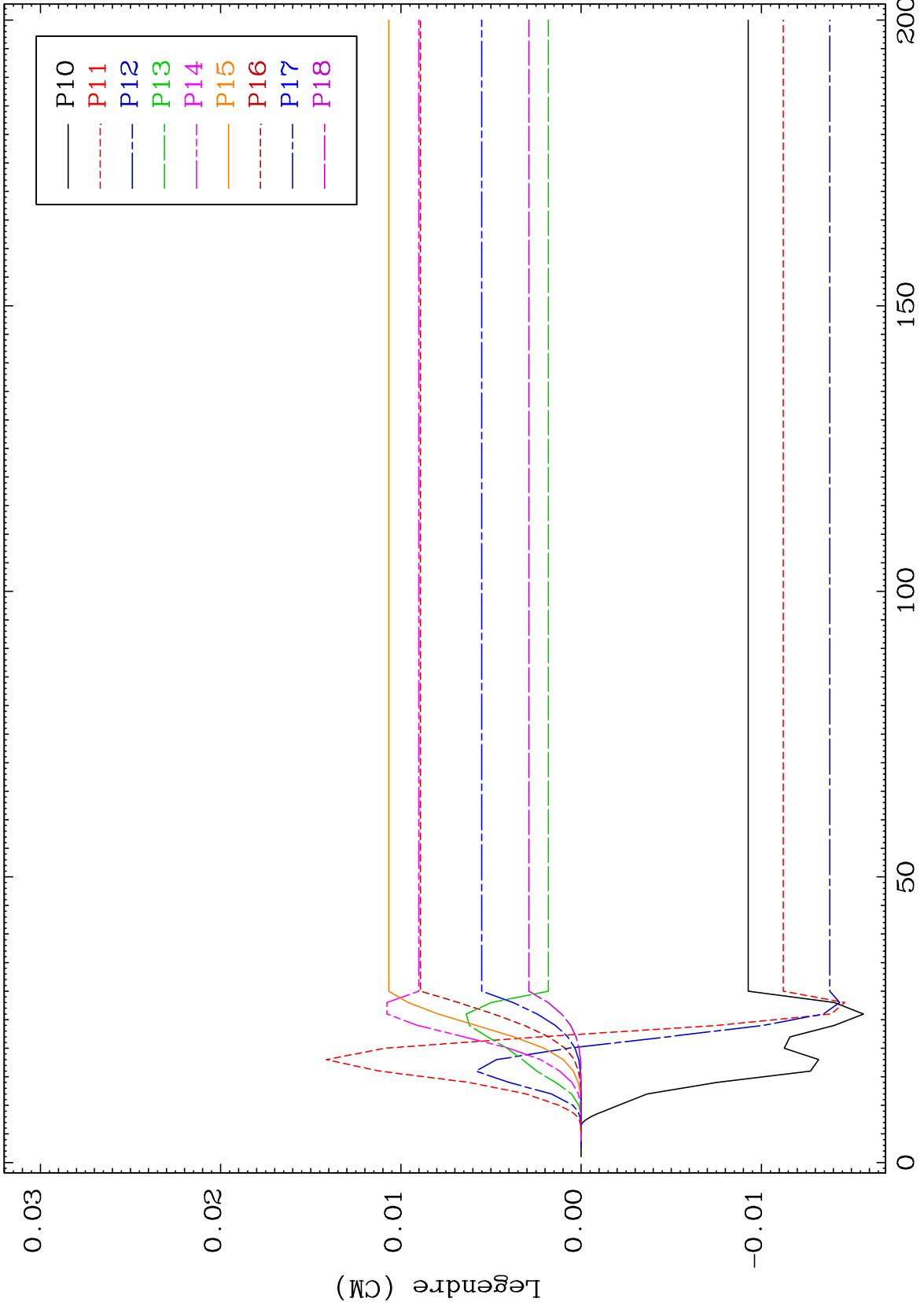
MAT 2949 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-71



23 29-Cu-71



MAT 2949 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-71

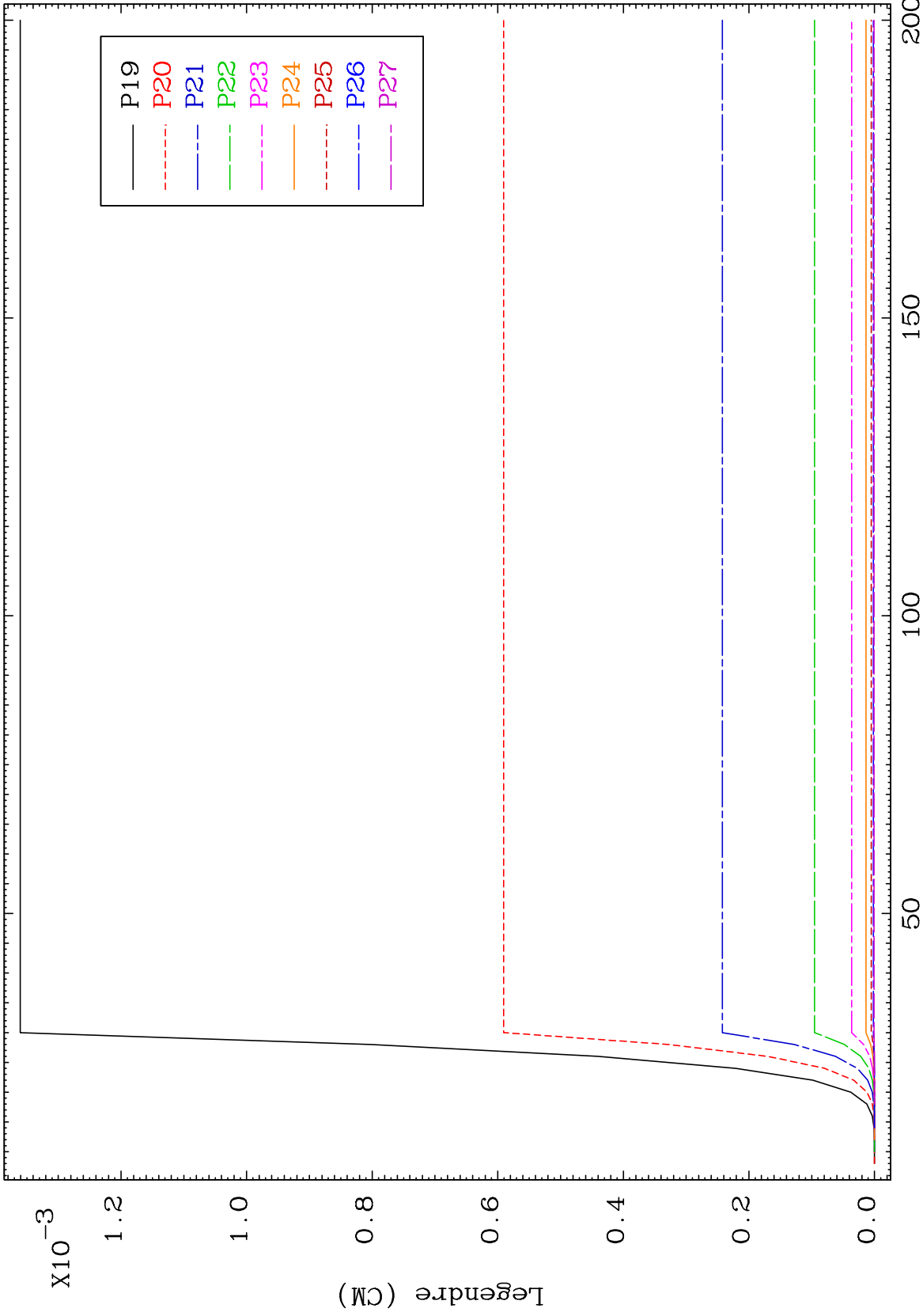


24 29-Cu-71

MAT 2949

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

29-Cu-71

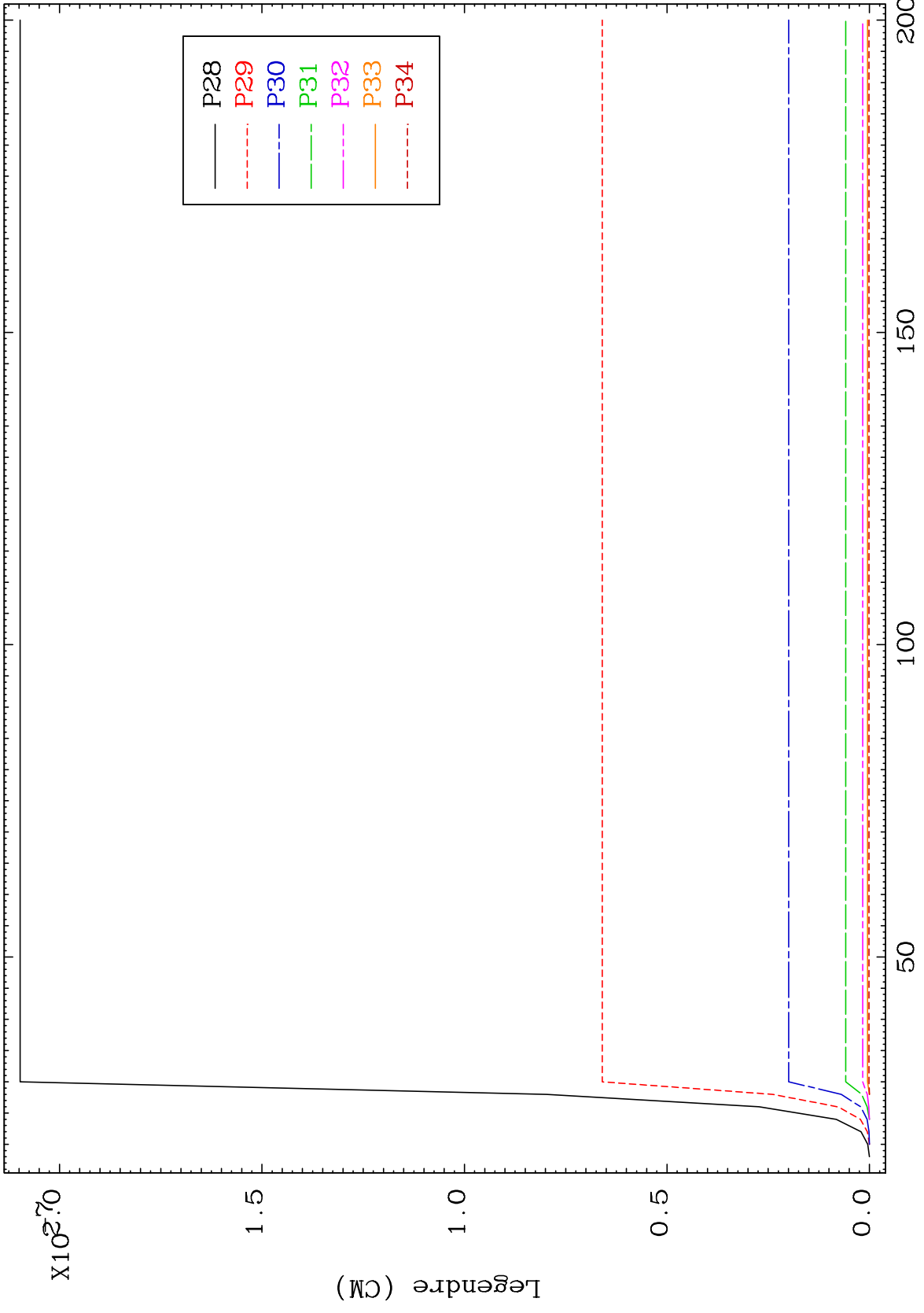


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Incident Energy (MeV)

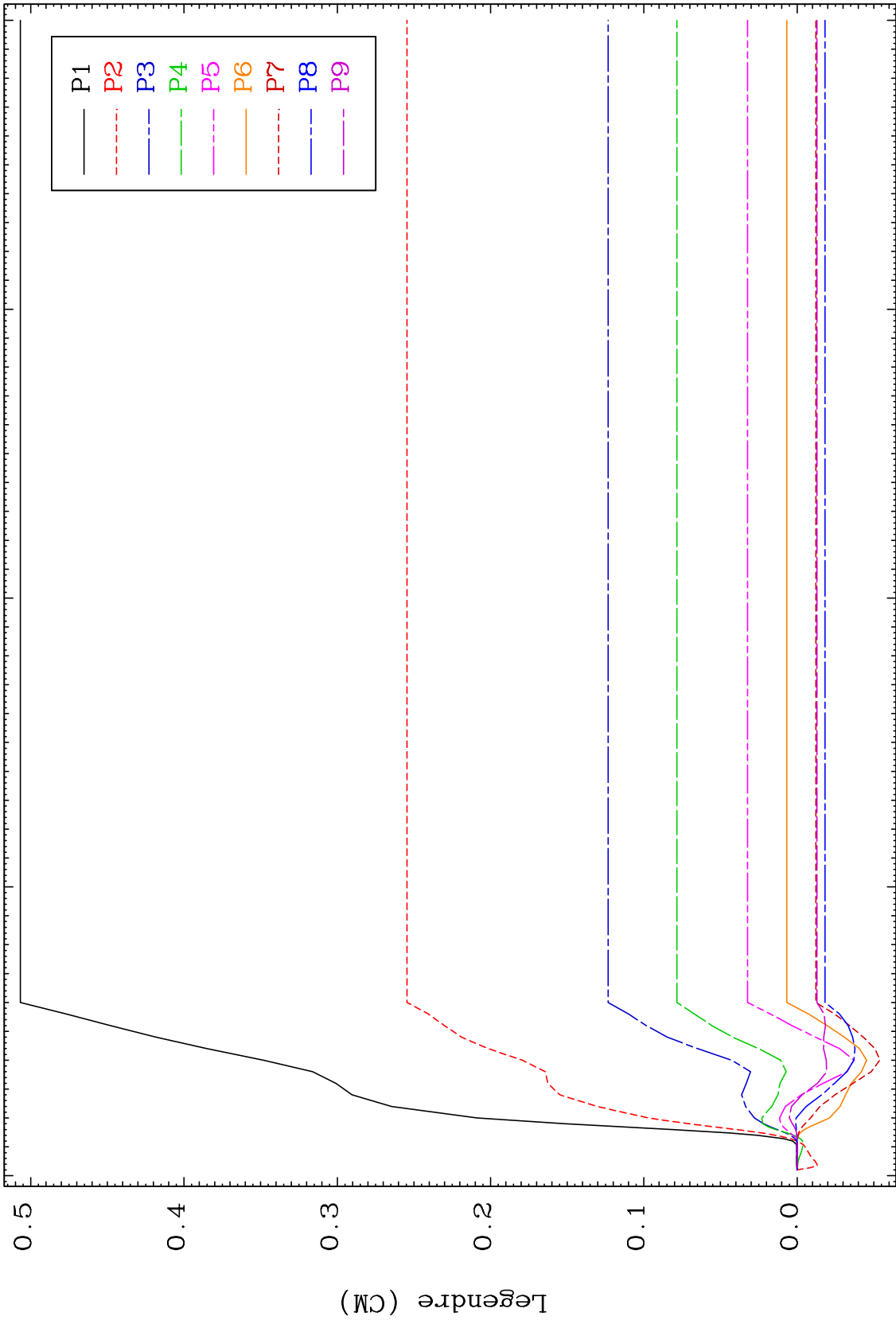
29-Cu-71

MAT 2949 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-71



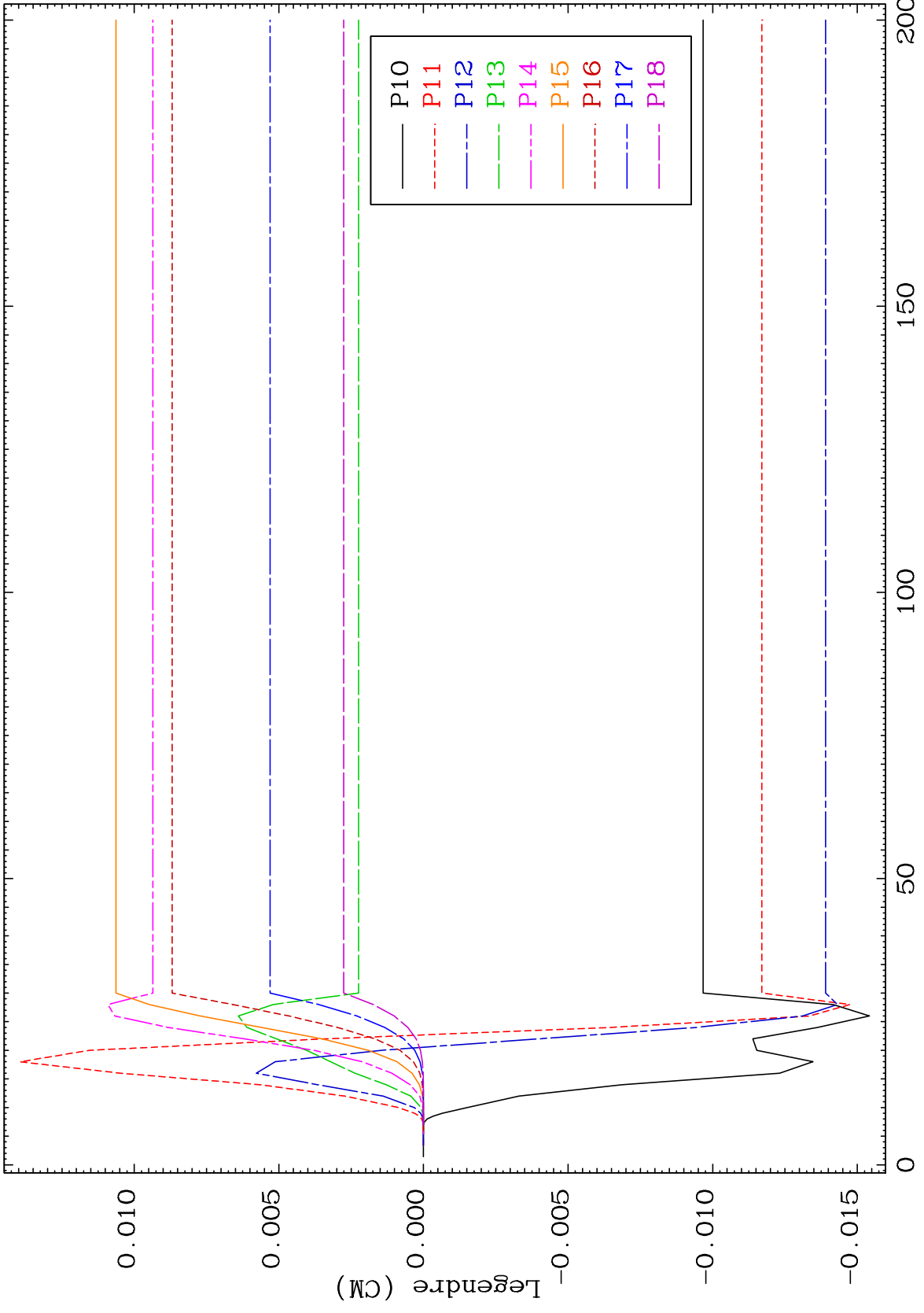
26 29-Cu-71

MAT 2949 MT= 53 (n,n') Level Legendre Coefficients 29-Cu-71



29-Cu-71

MAT 2949 MT= 53 (n,n') Level Legendre Coefficients 29-Cu-71

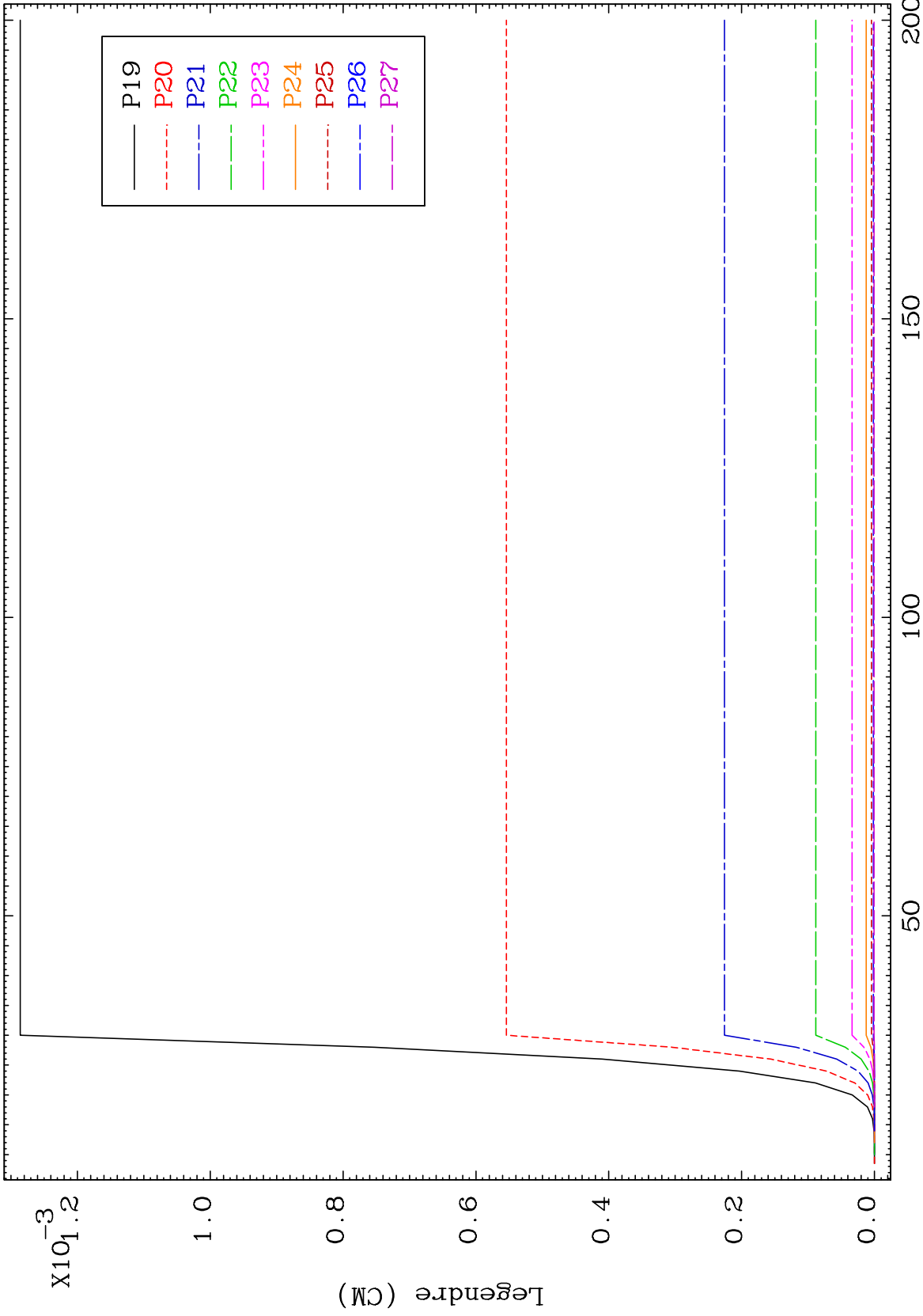


28 29-Cu-71

MAT 2949

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

29-Cu-71

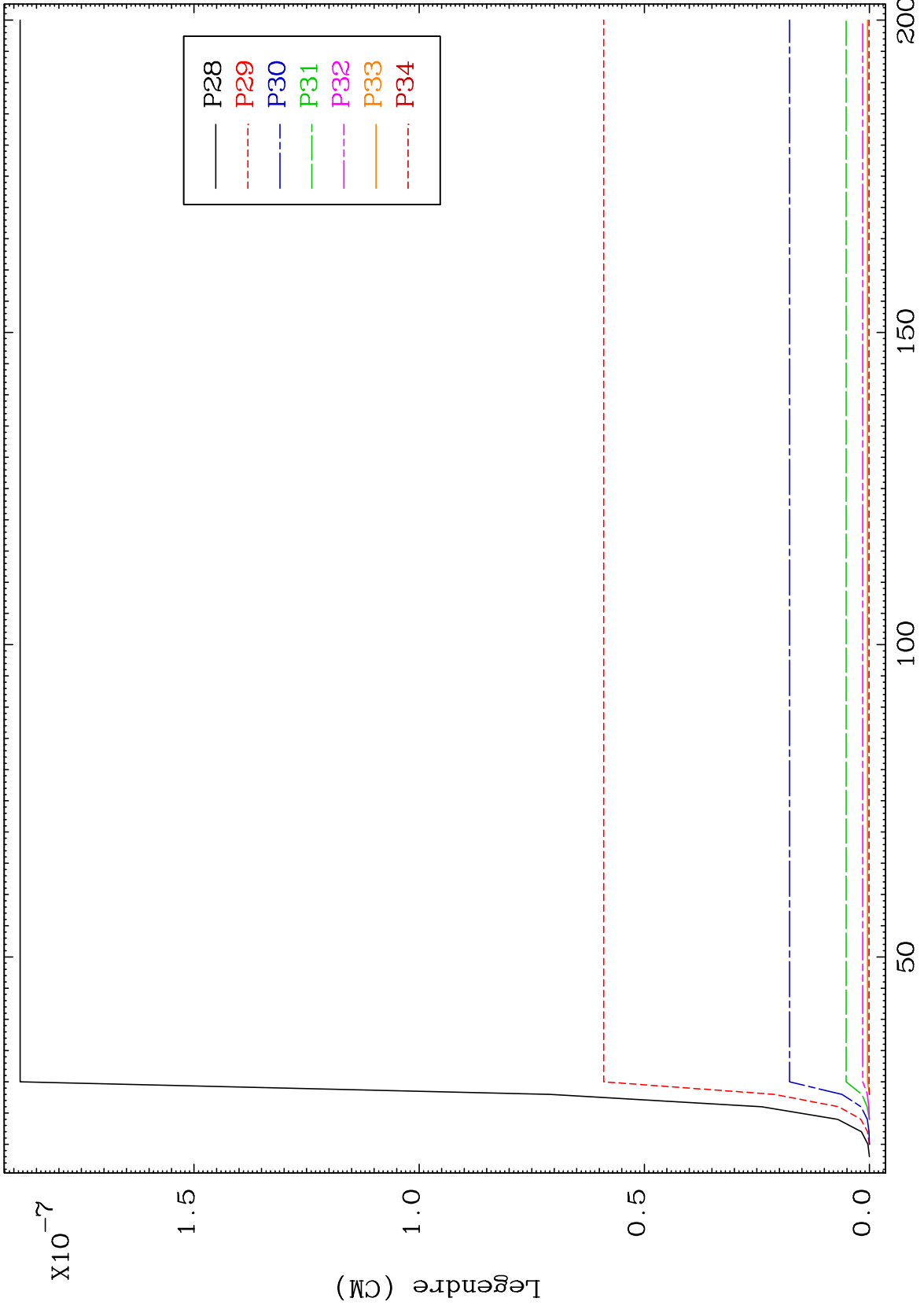


29

Incident Energy (MeV)

29-Cu-71

MAT 2949 MT= 53 (n,n') Level Legendre Coefficients 29-Cu-71

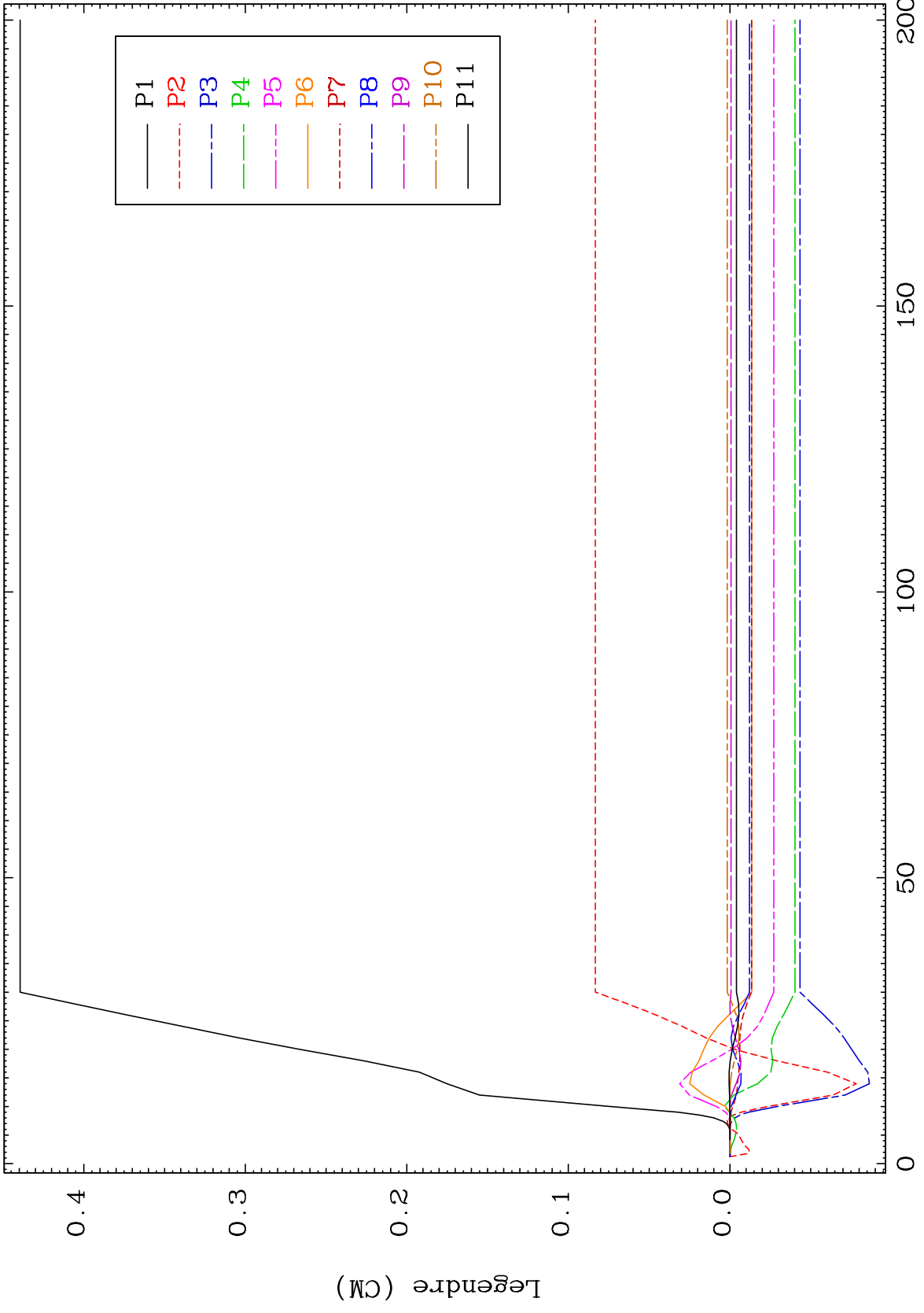


30 50 100 150 200 29-Cu-71

MAT 2949

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

29-Cu-71



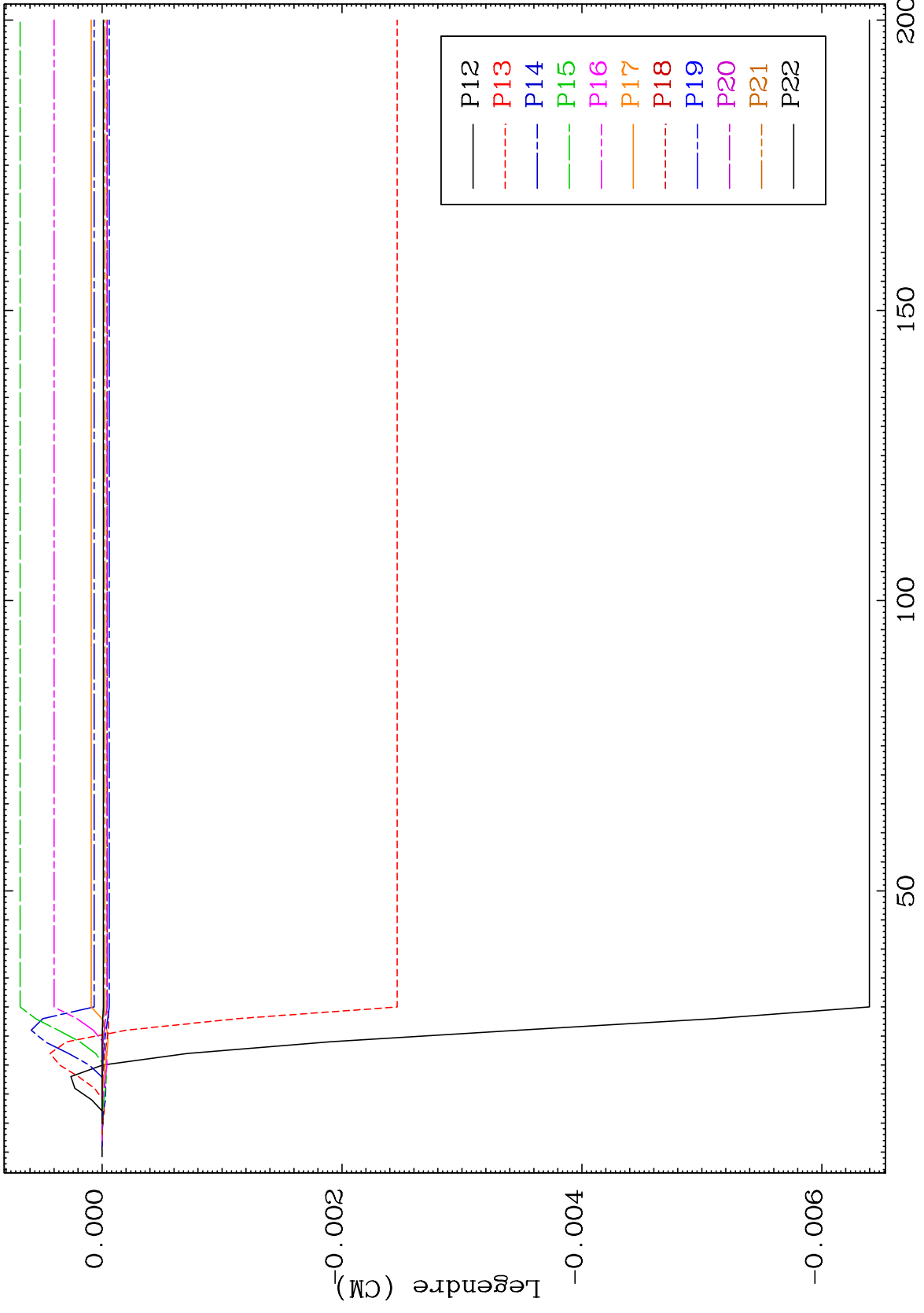
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Incident Energy (MeV)

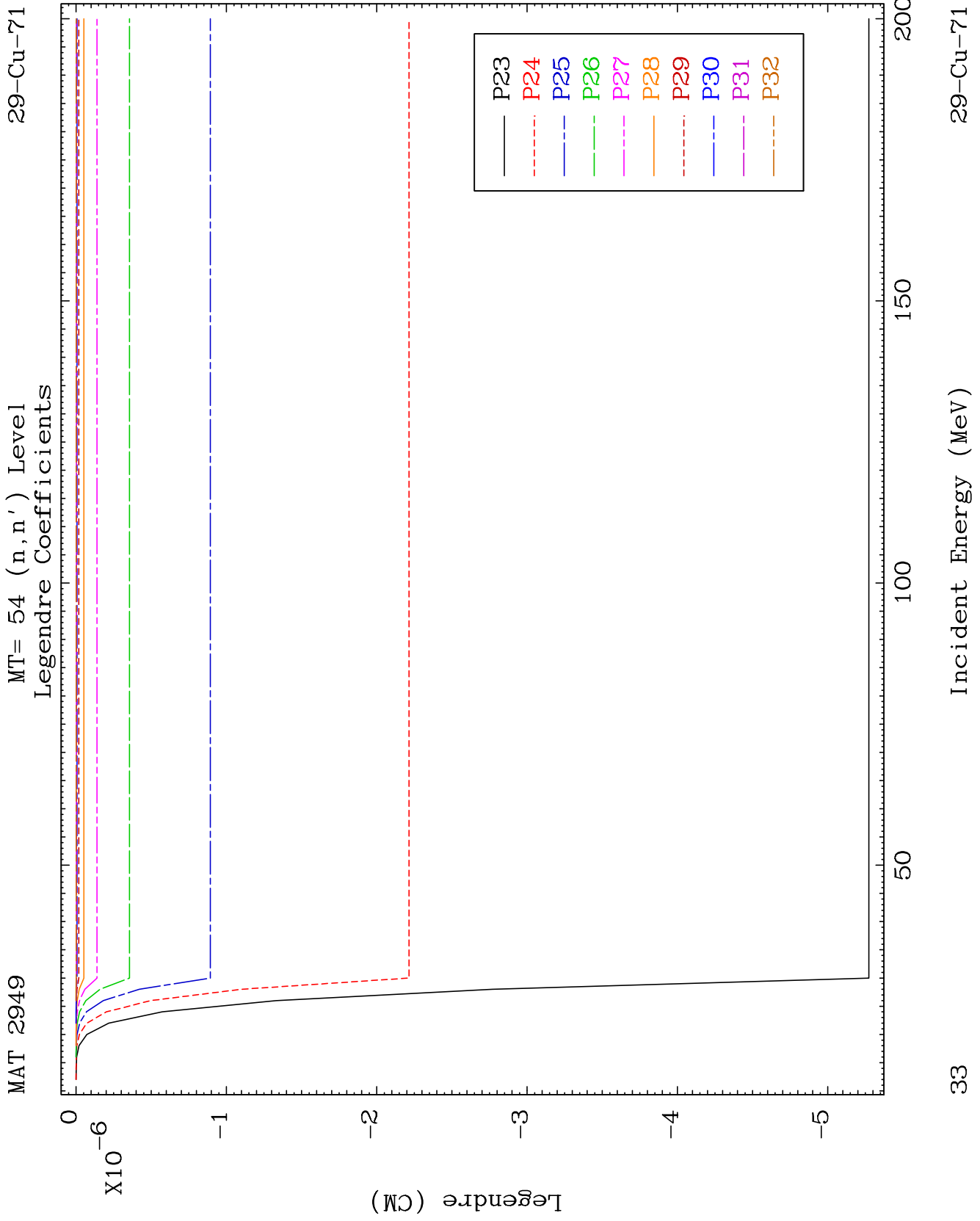
29-Cu-71



MAT 2949 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-71



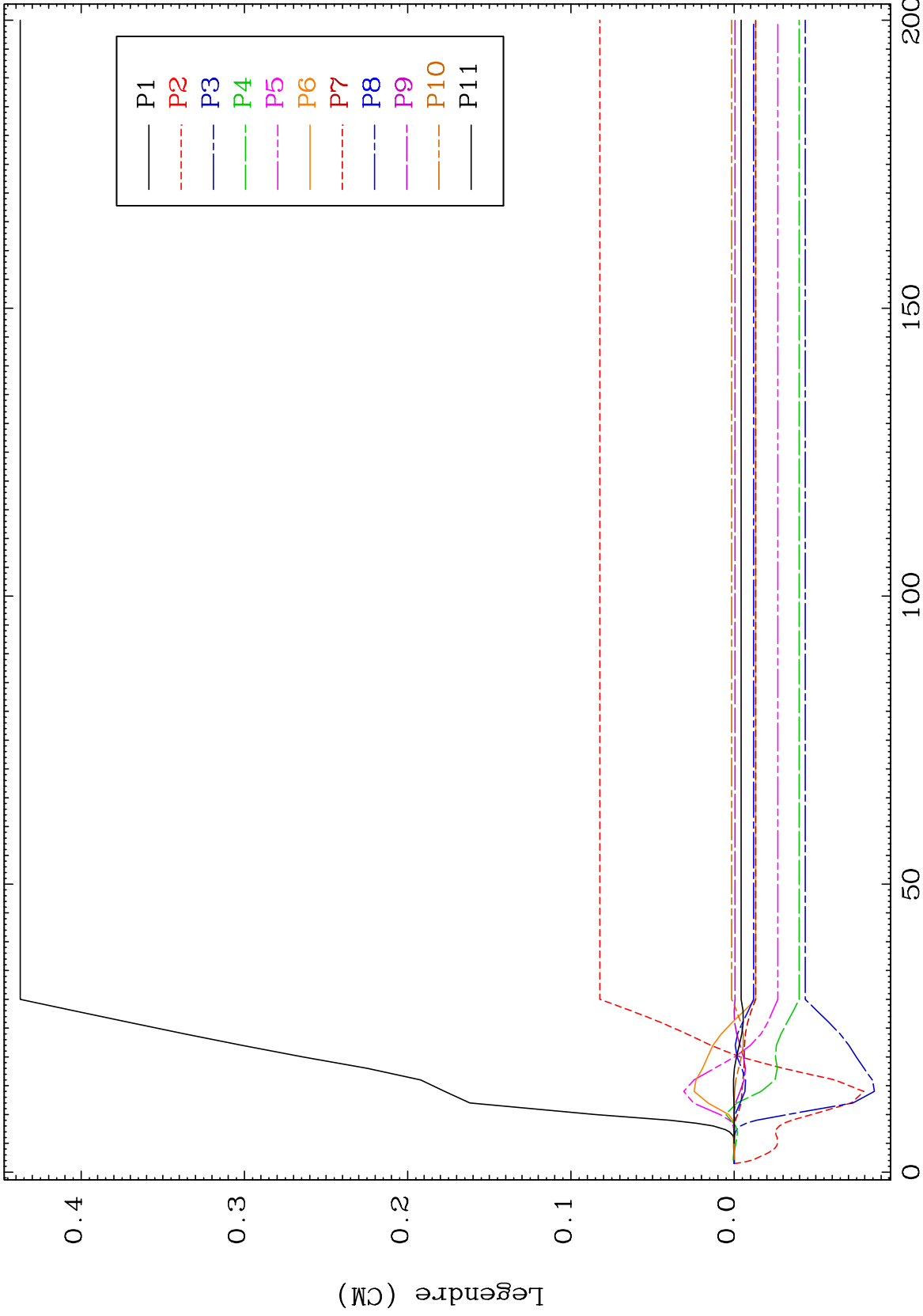
32 29-Cu-71



MAT 2949

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

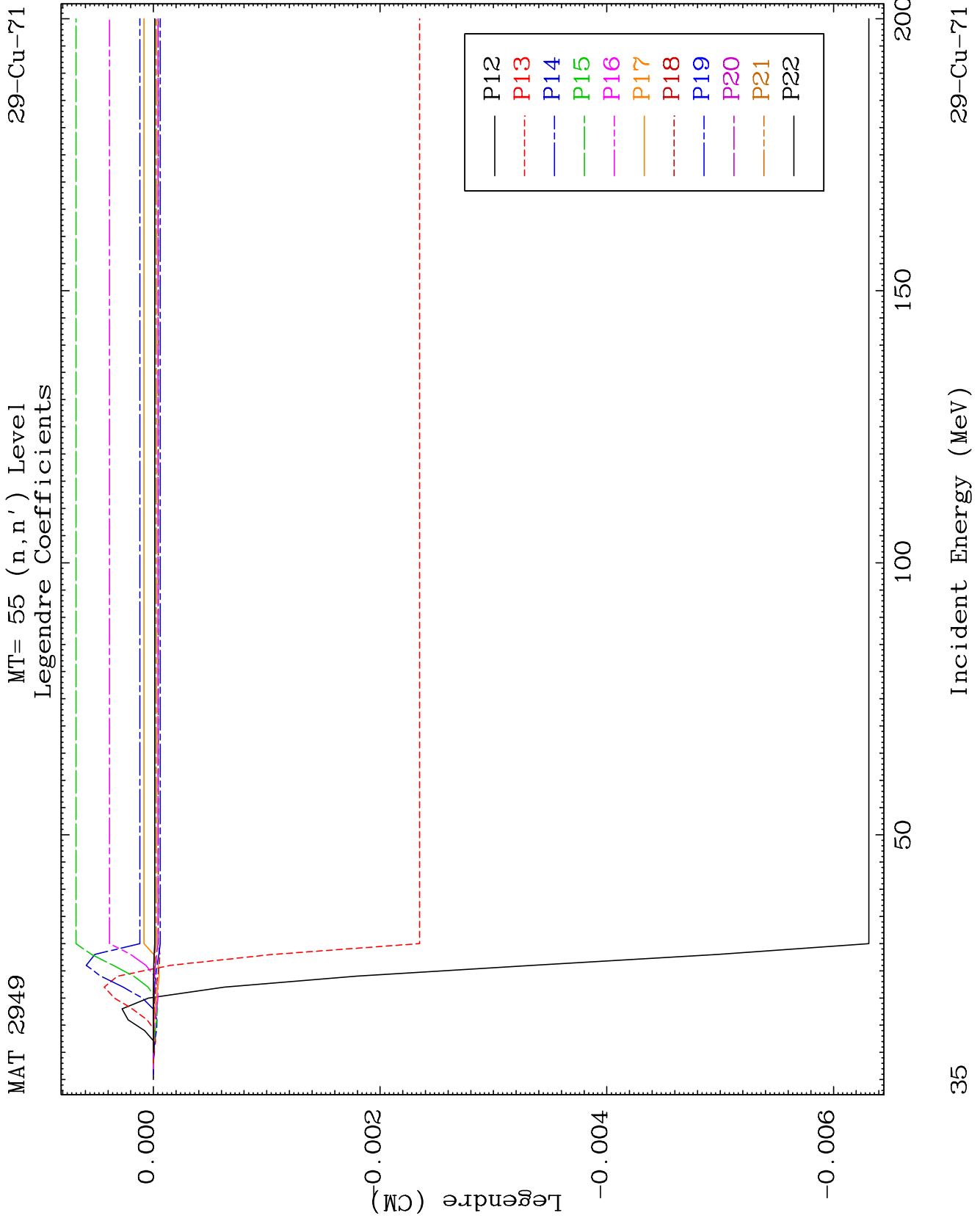
29-Cu-71



34

Incident Energy (MeV)

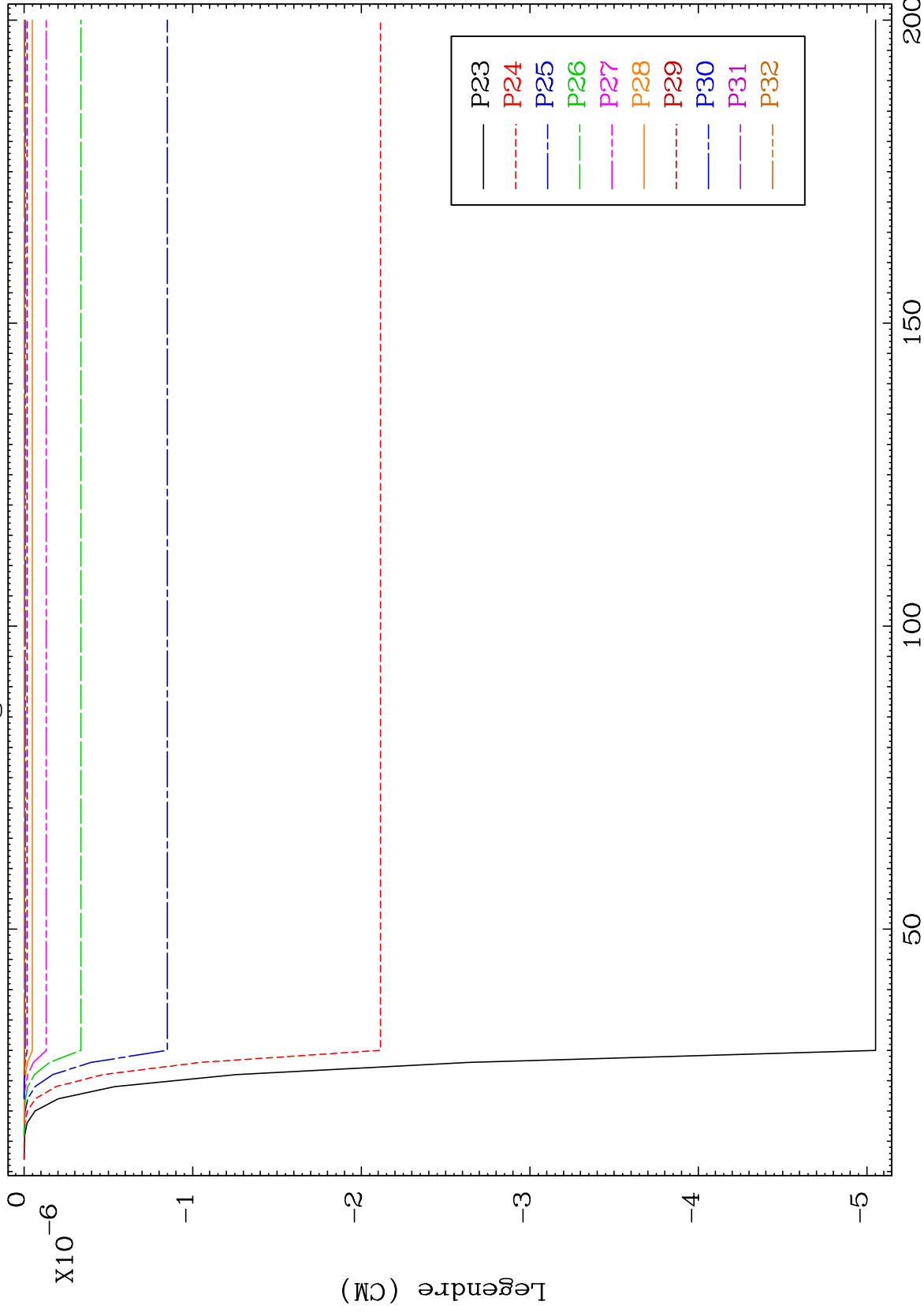
29-Cu-71



MAT 2949

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

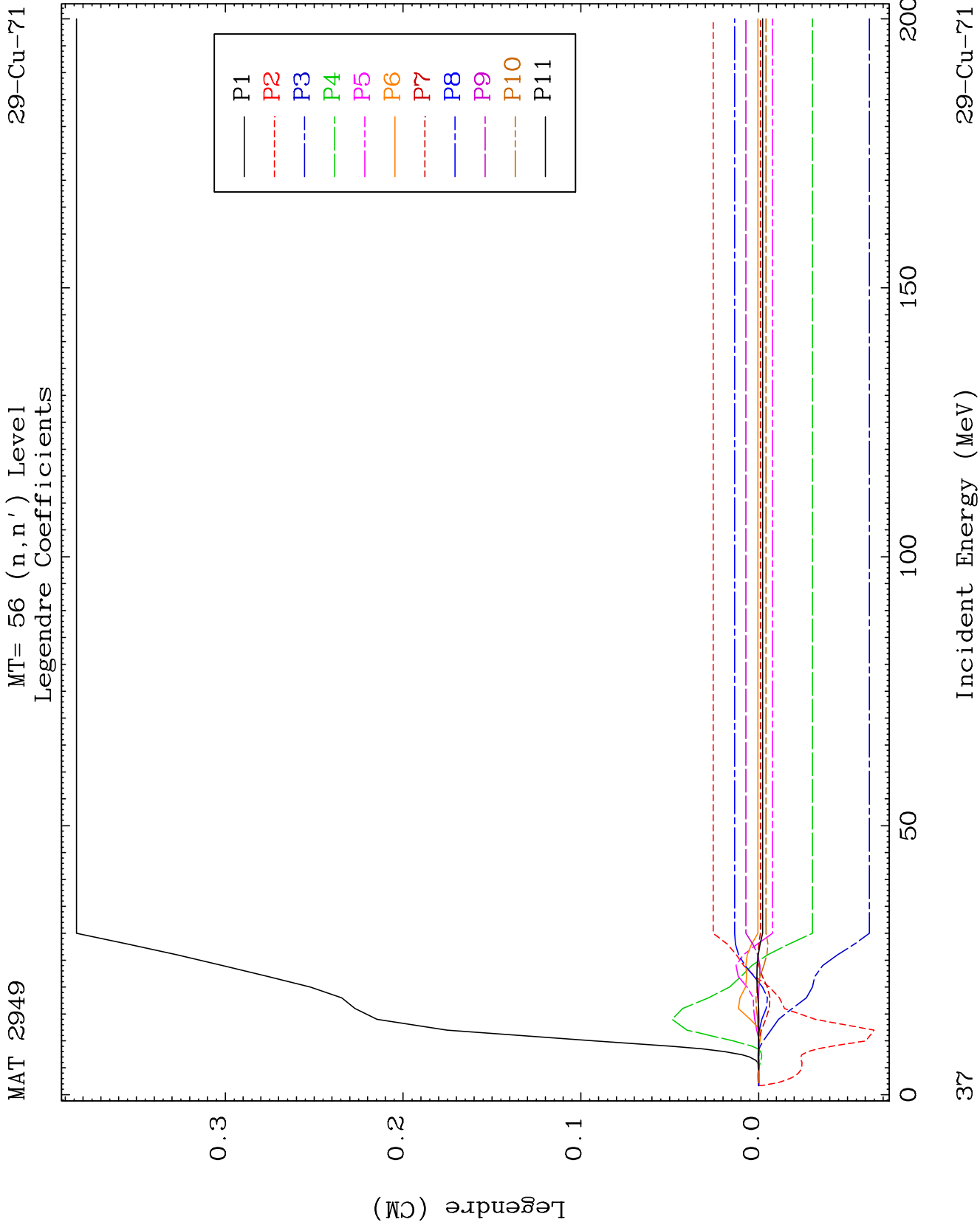
29-Cu-71



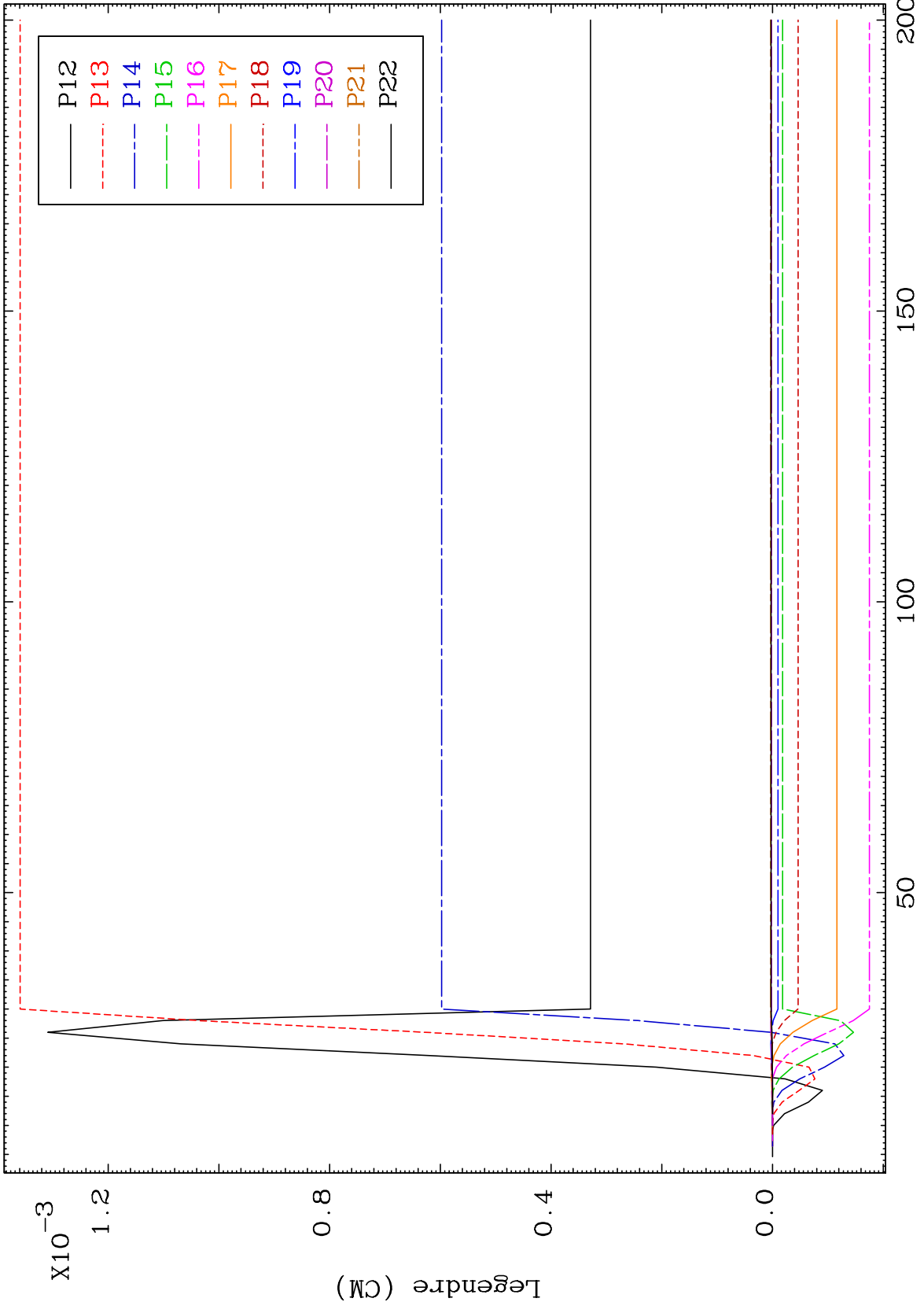
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Incident Energy (MeV)

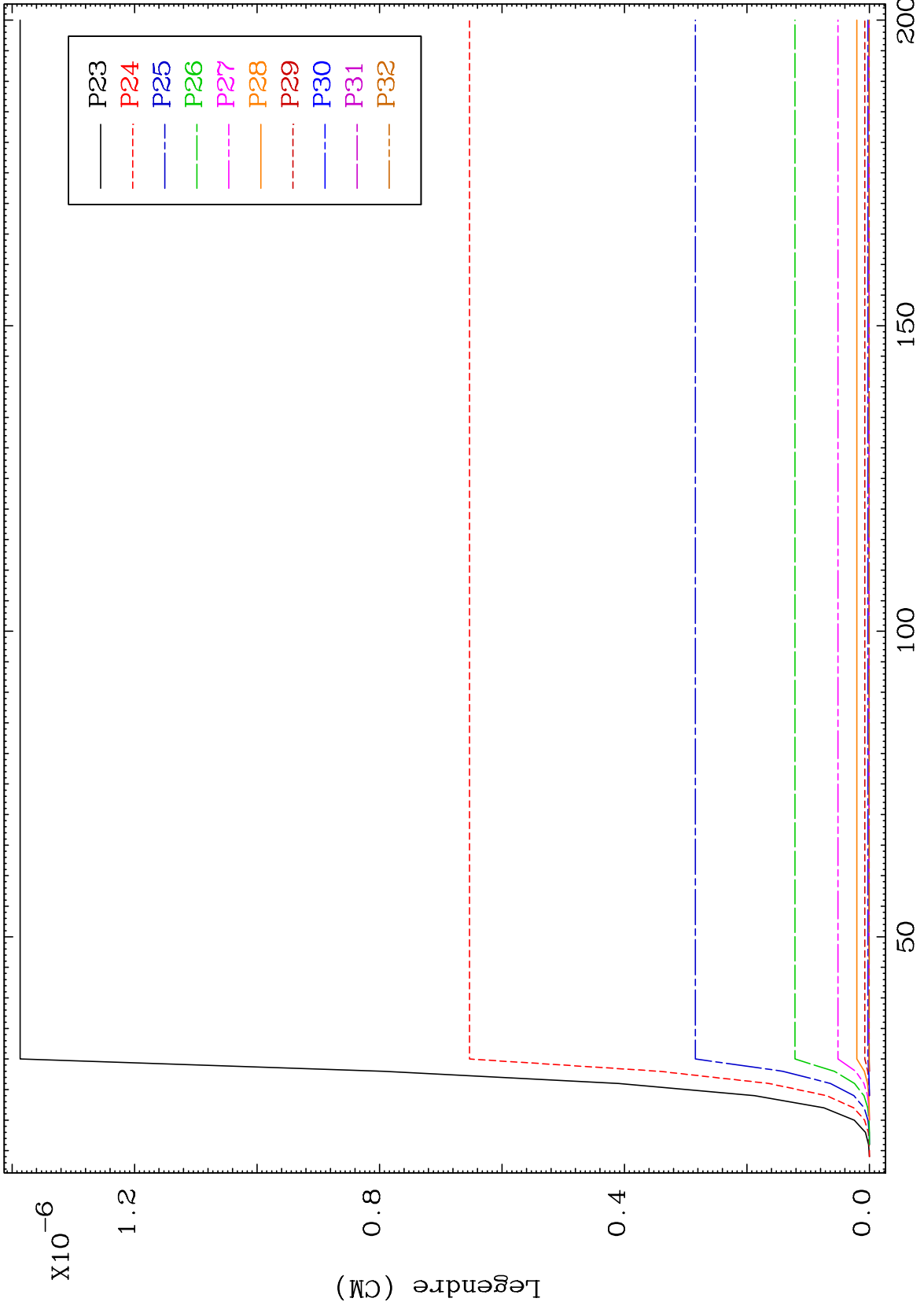
29-Cu-71



MAT 2949 MT= 56 (n,n') Level Legendre Coefficients 29-Cu-71



MAT 2949 MT= 56 (n,n') Level Legendre Coefficients 29-Cu-71



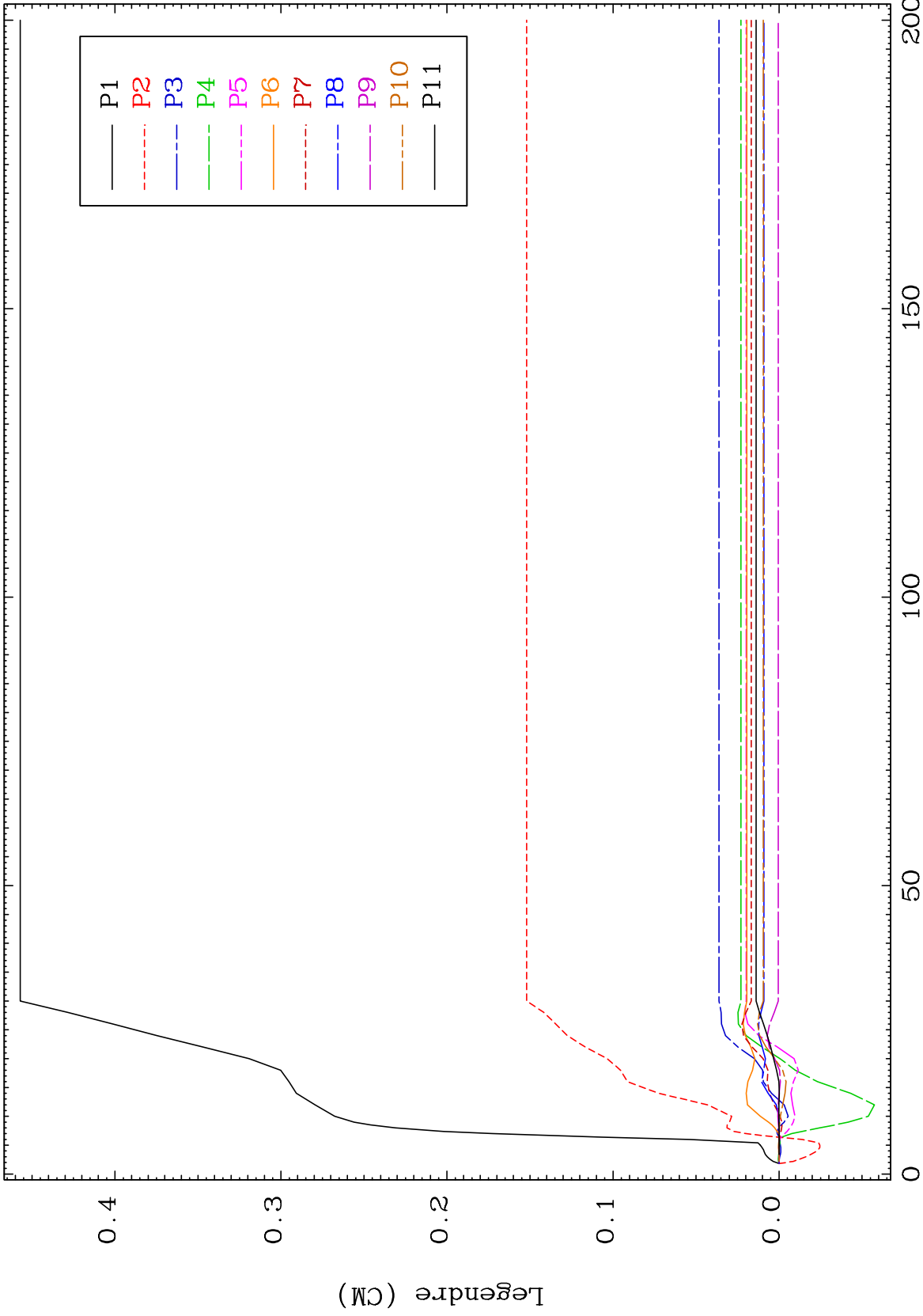
39 50 100 150 200 29-Cu-71



MAT 2949

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

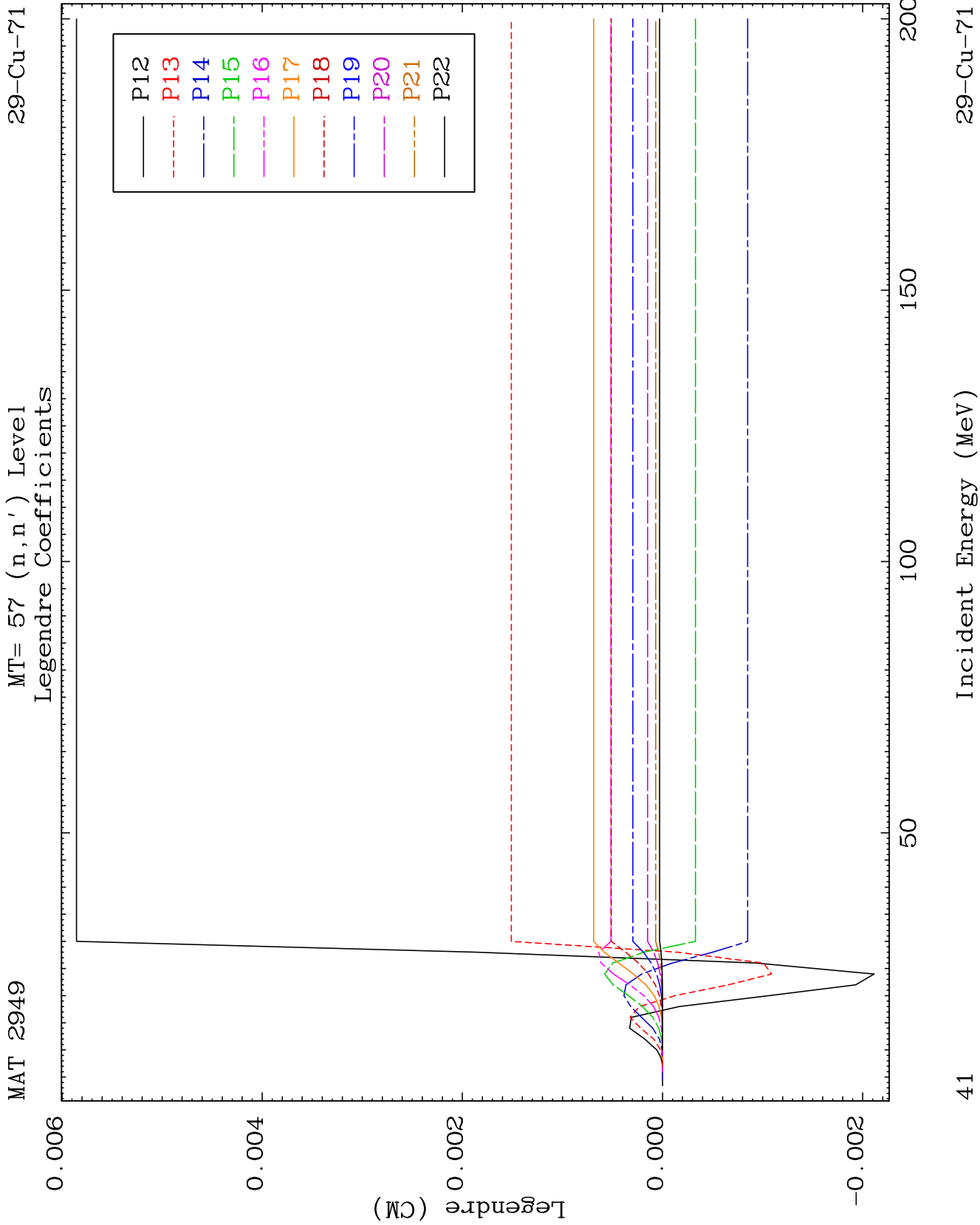
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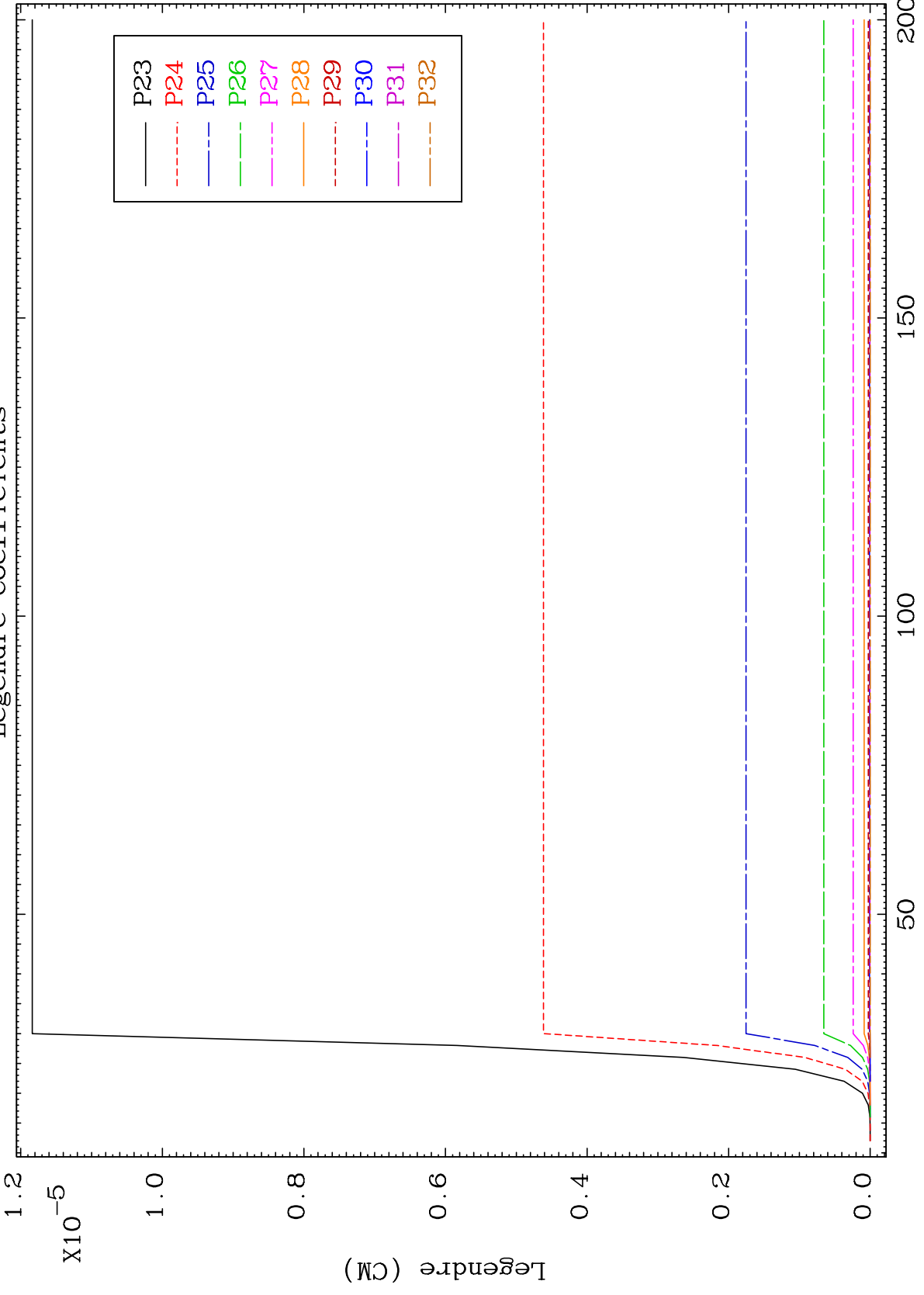
40

Incident Energy (MeV)

29-Cu-71



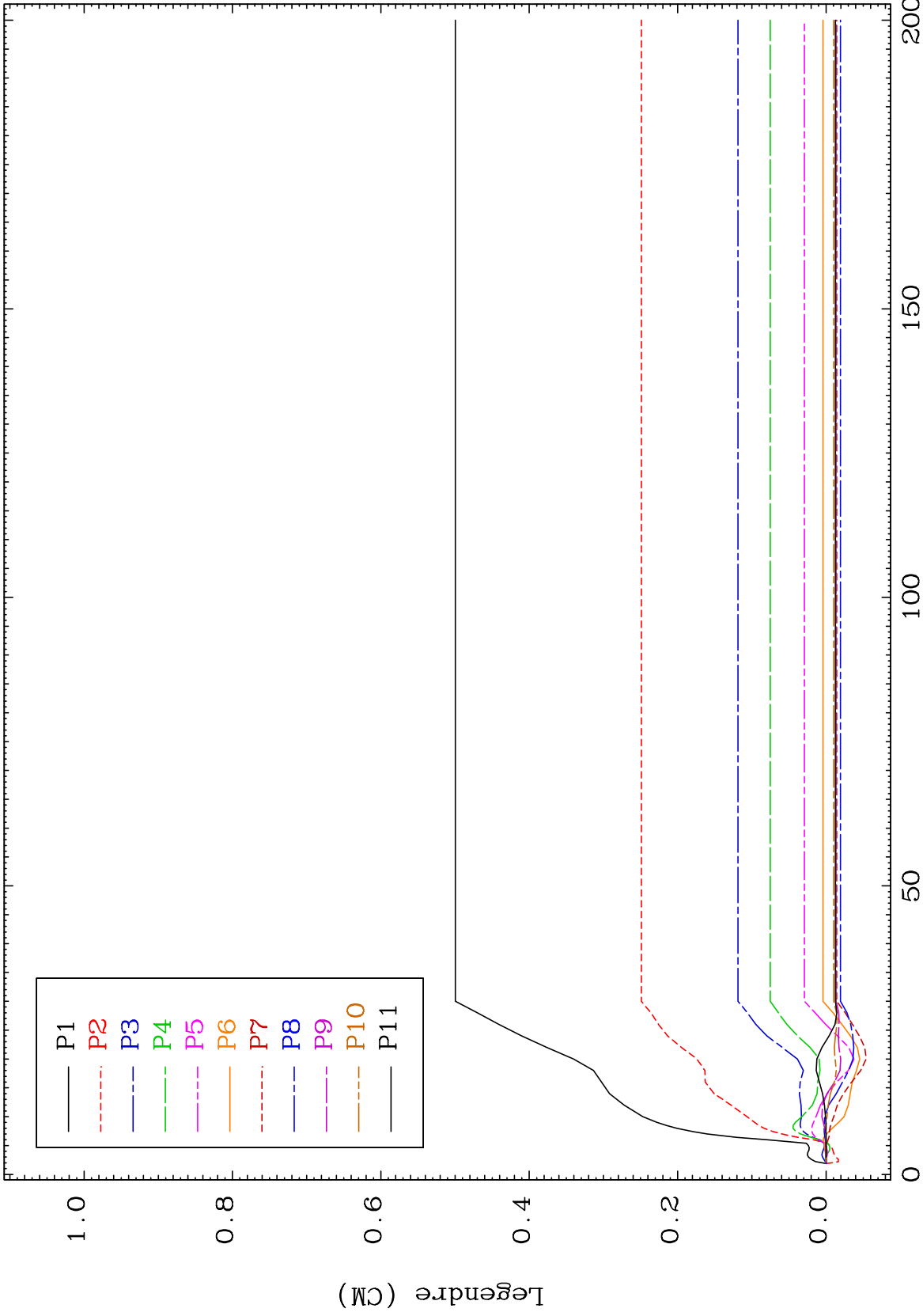
MAT 2949 MT= 57 (n,n') Level Legendre Coefficients 29-Cu-71



MAT 2949

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

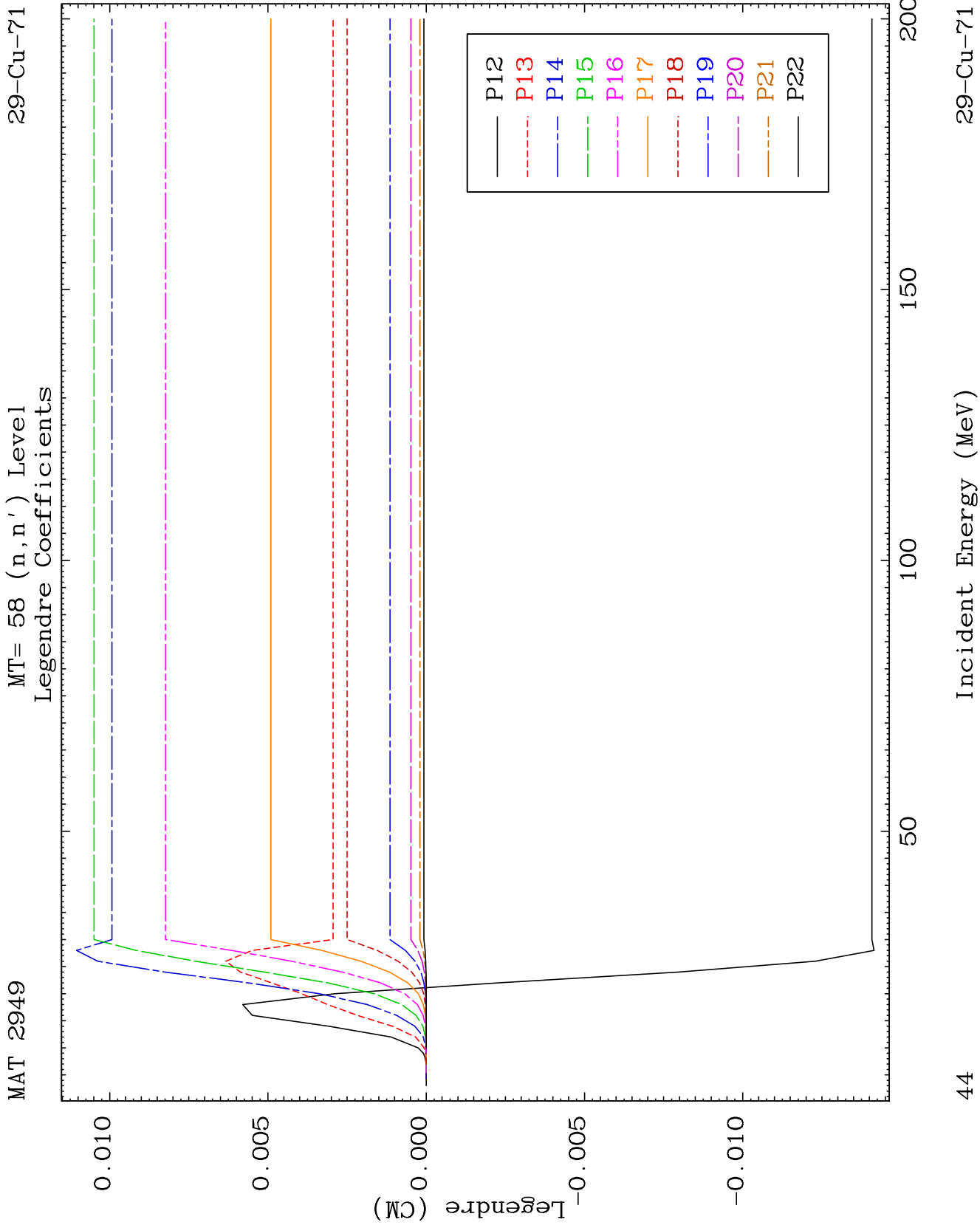
29-Cu-71



43

Incident Energy (MeV)

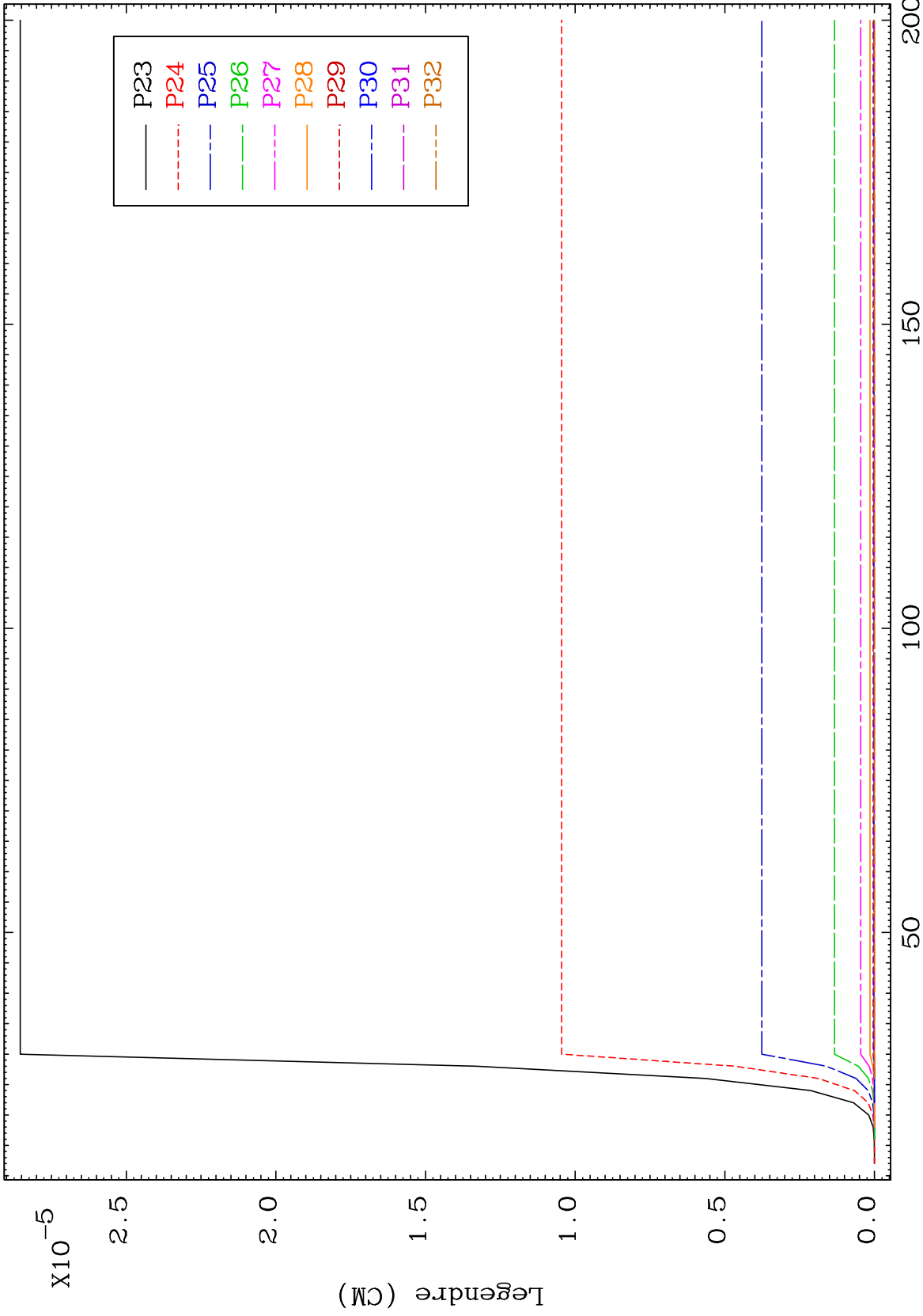
29-Cu-71



MAT 2949

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

29-Cu-71



45

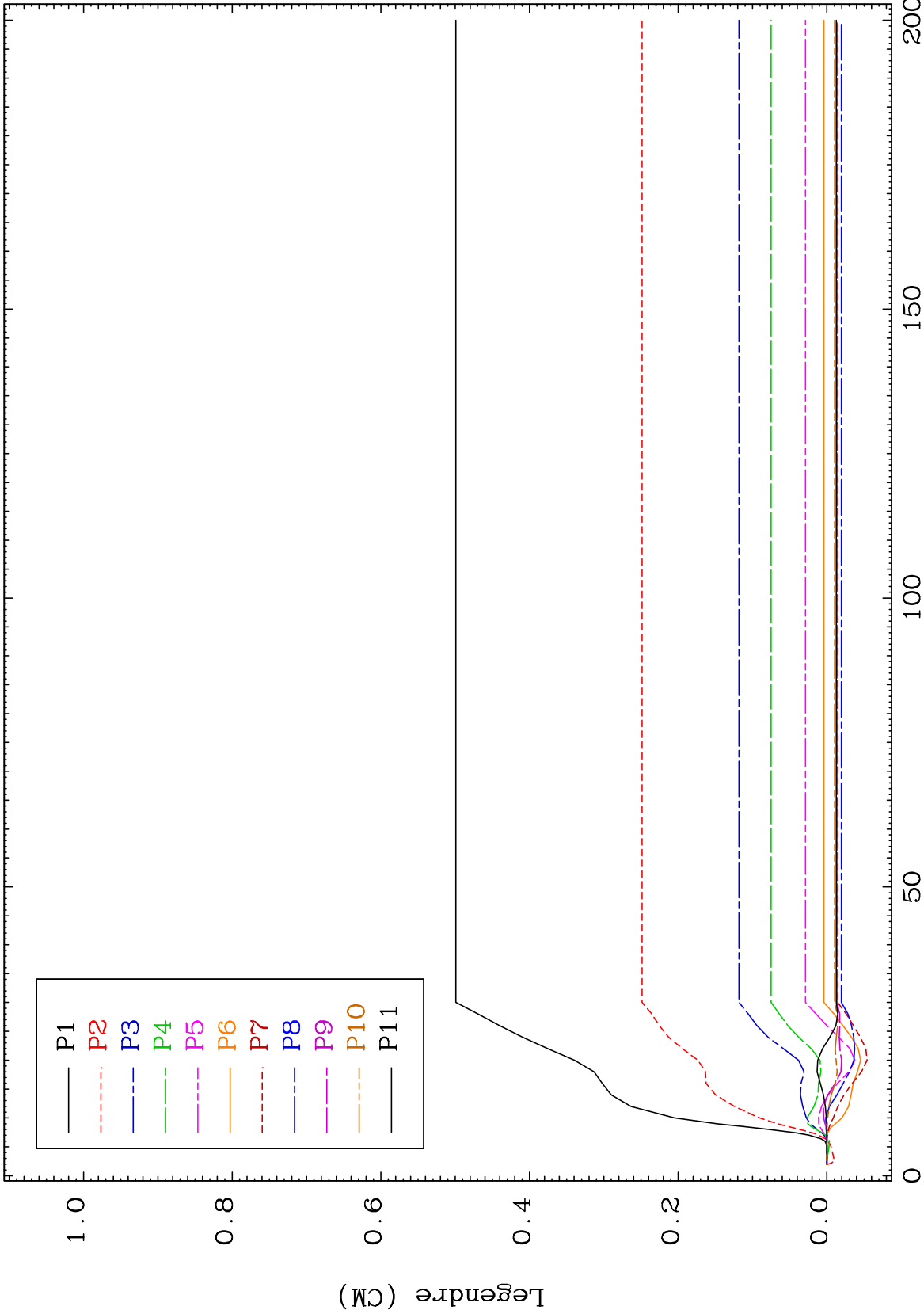
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

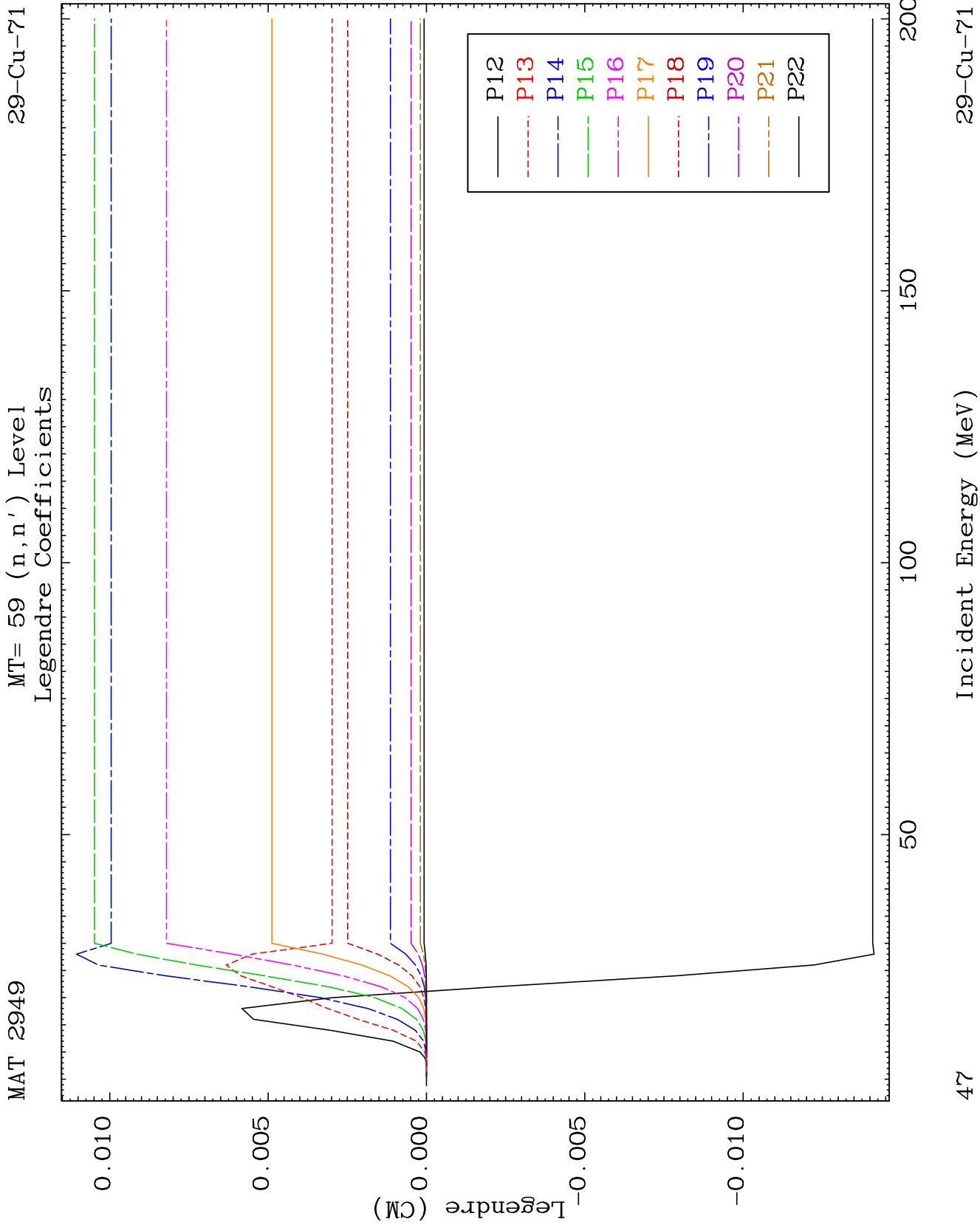
29-Cu-71



46

Incident Energy (MeV)

29-Cu-71

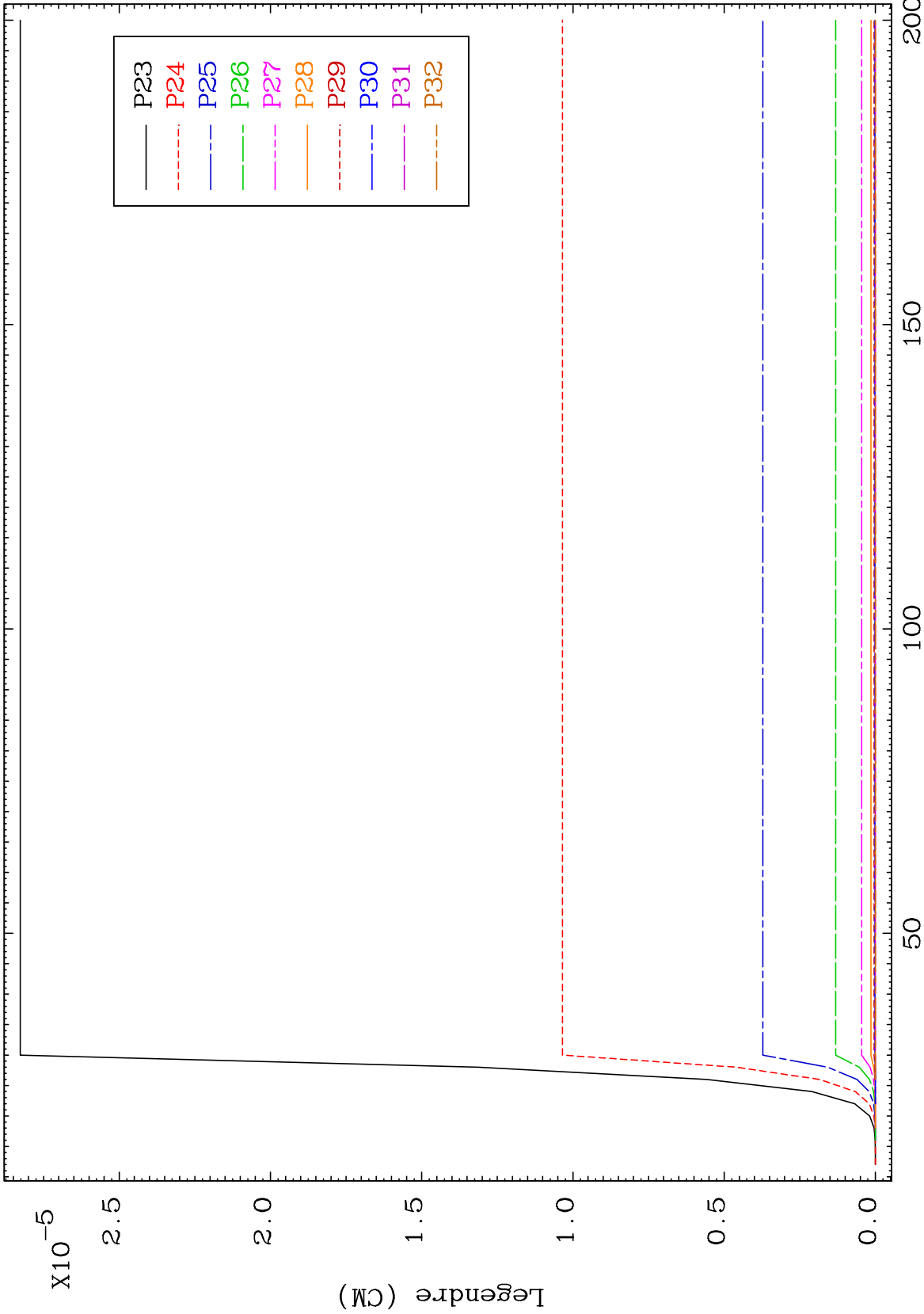




MAT 2949

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

29-Cu-71



48

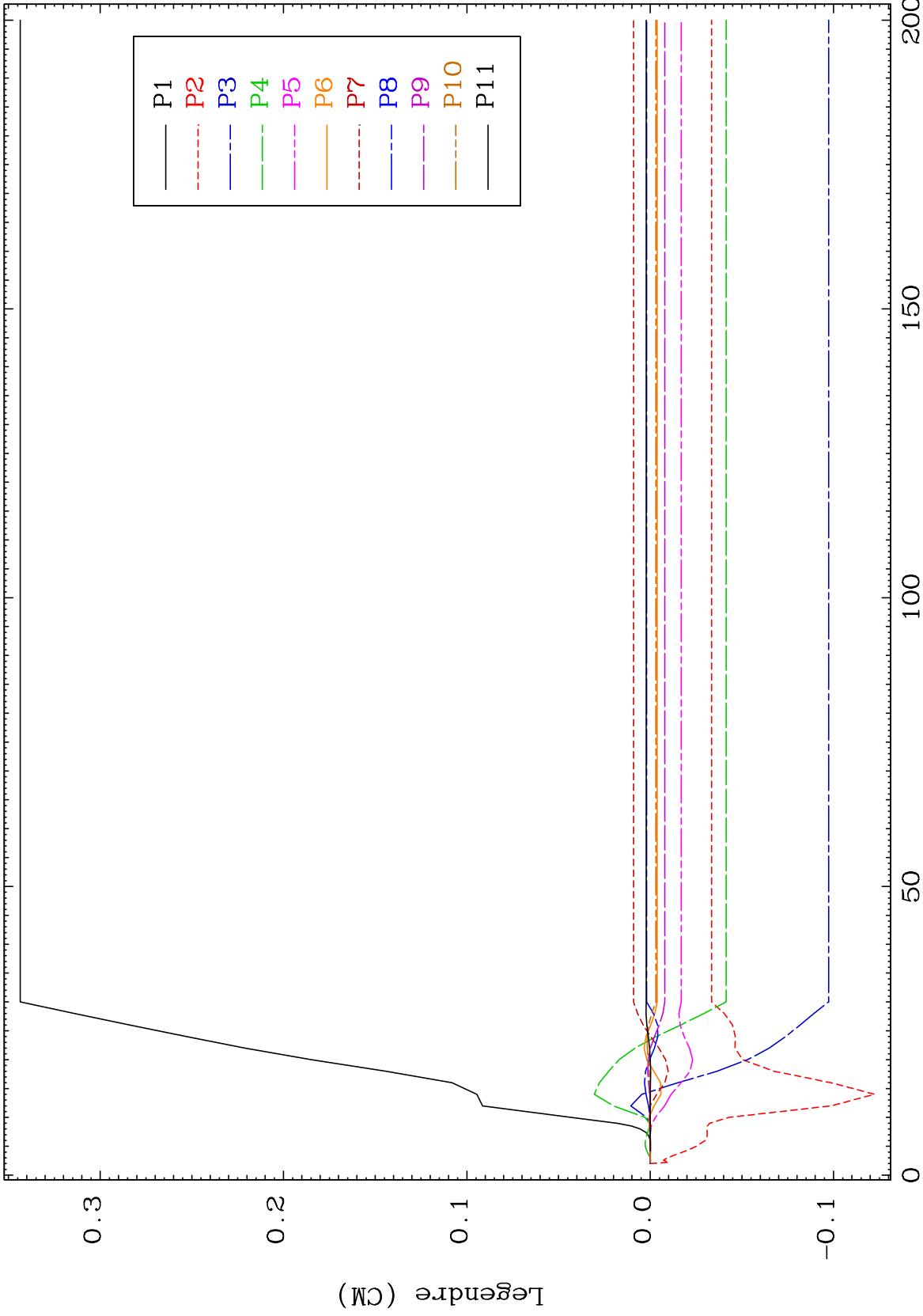
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



49

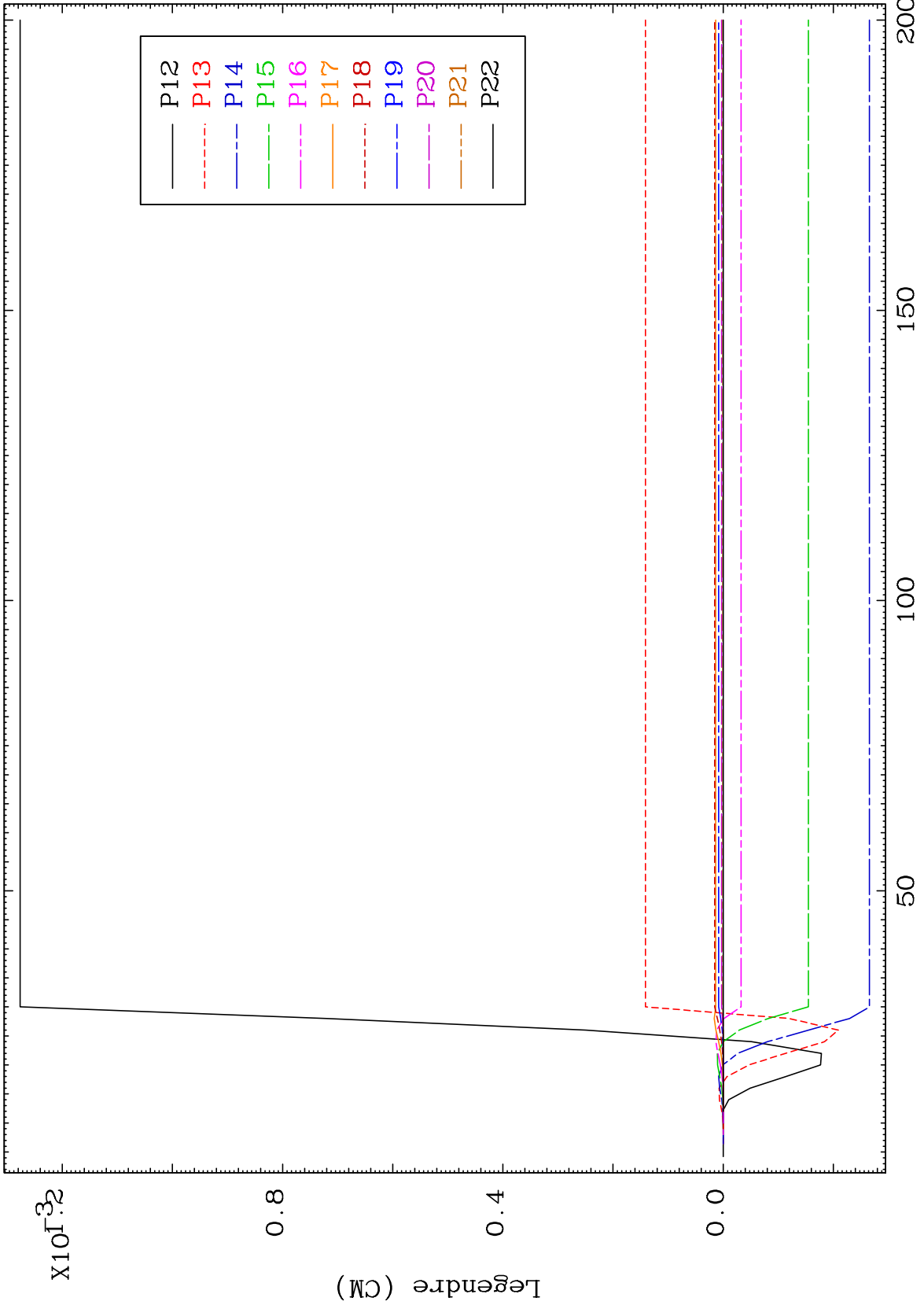
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



50

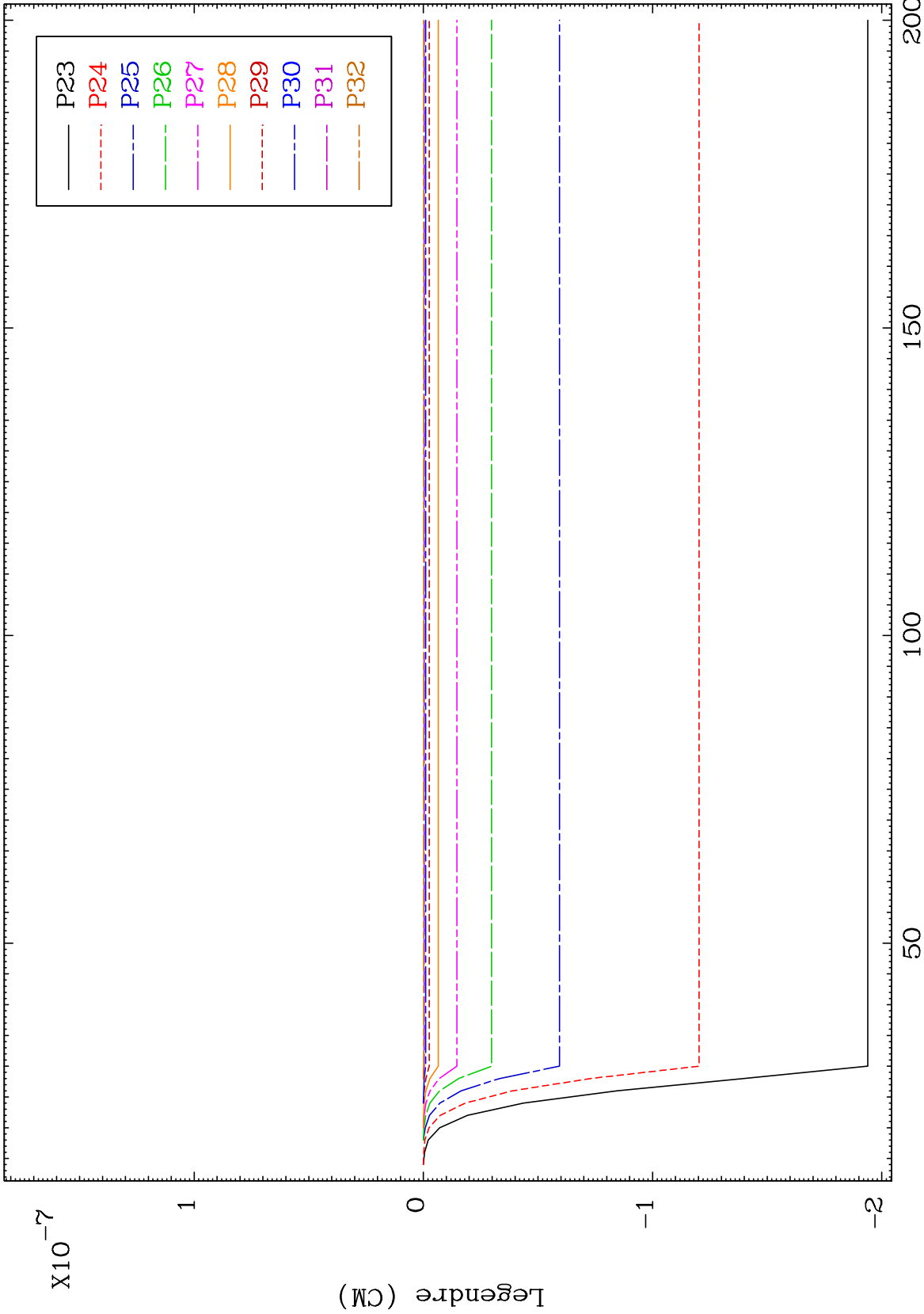
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



51

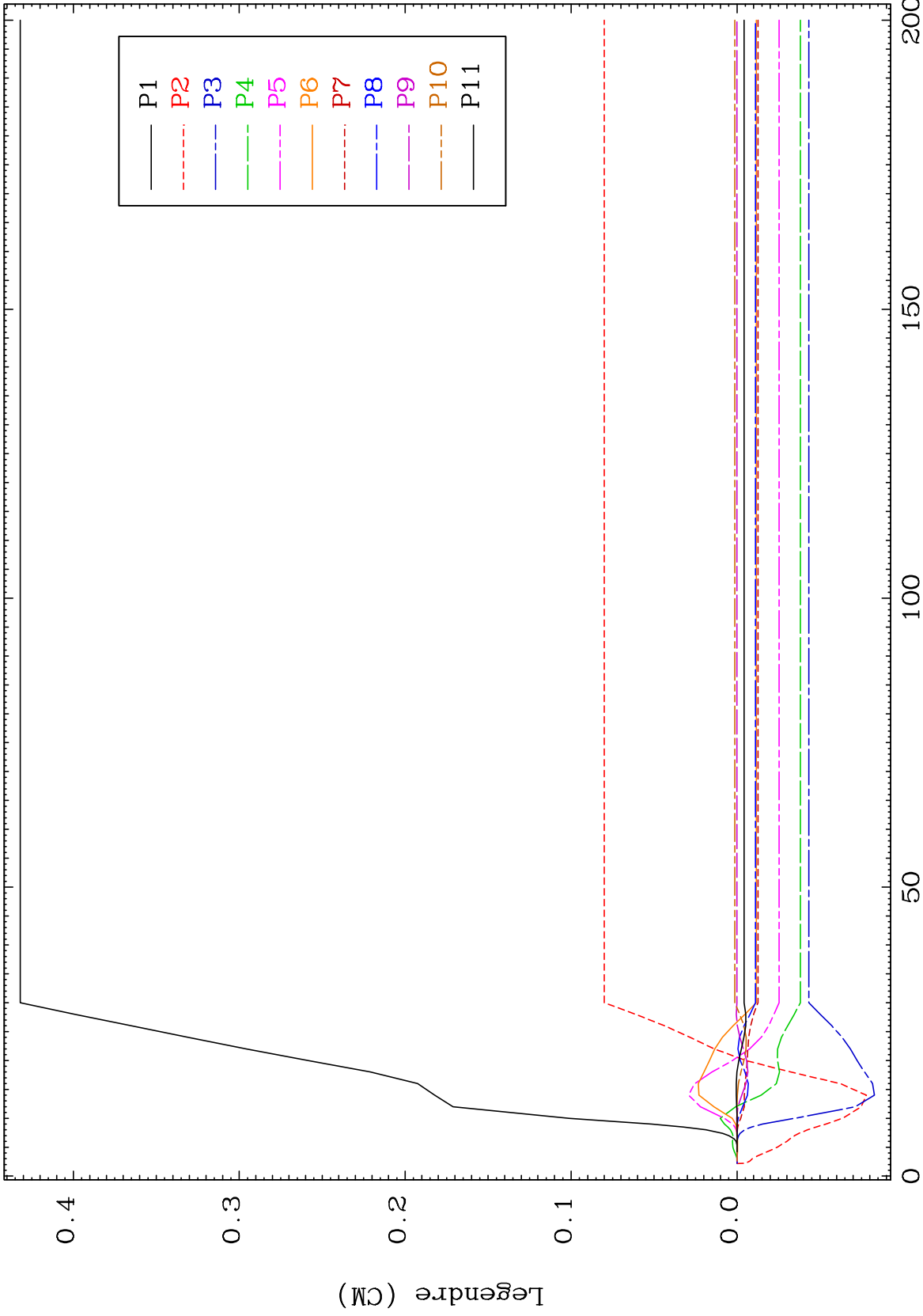
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

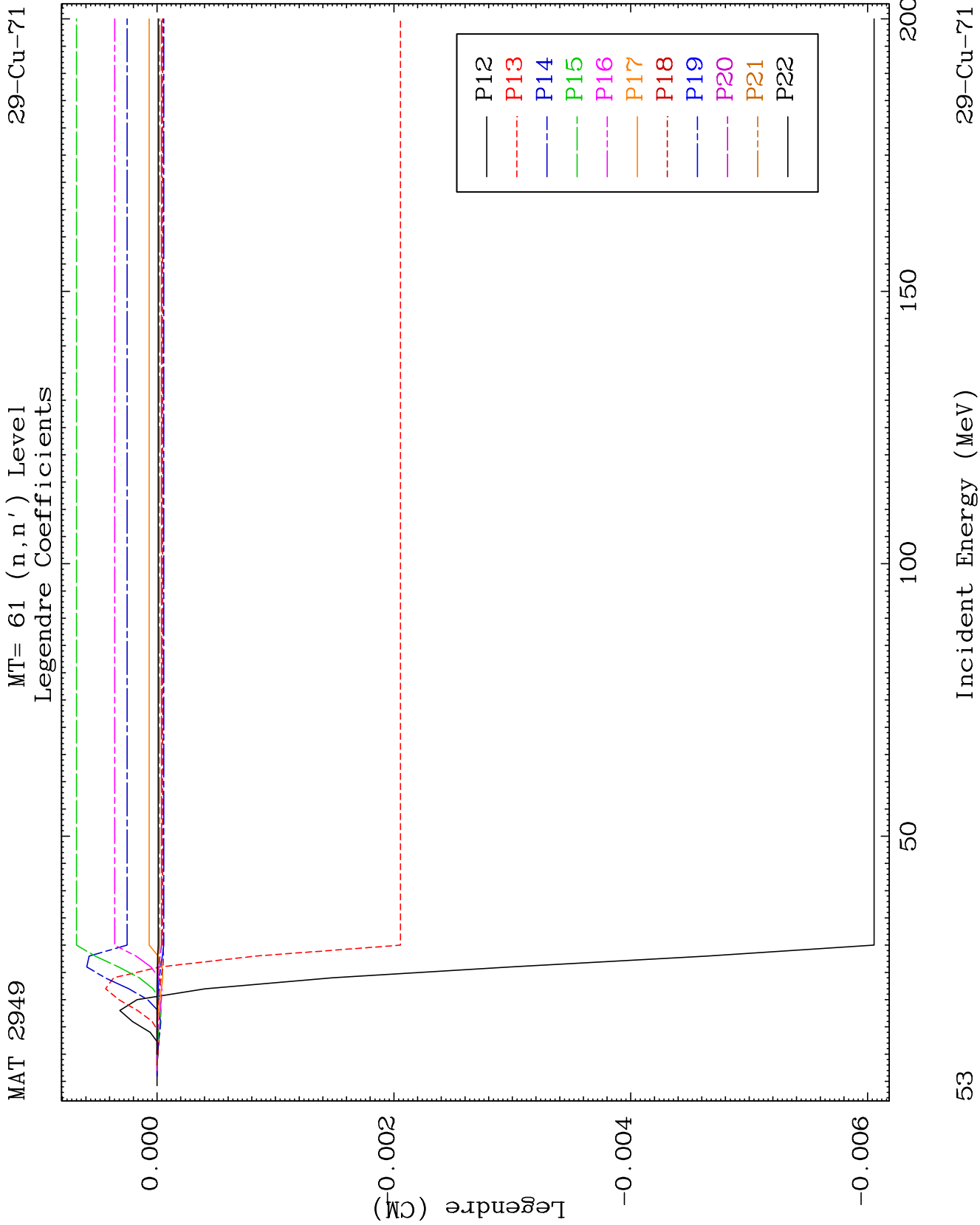
29-Cu-71



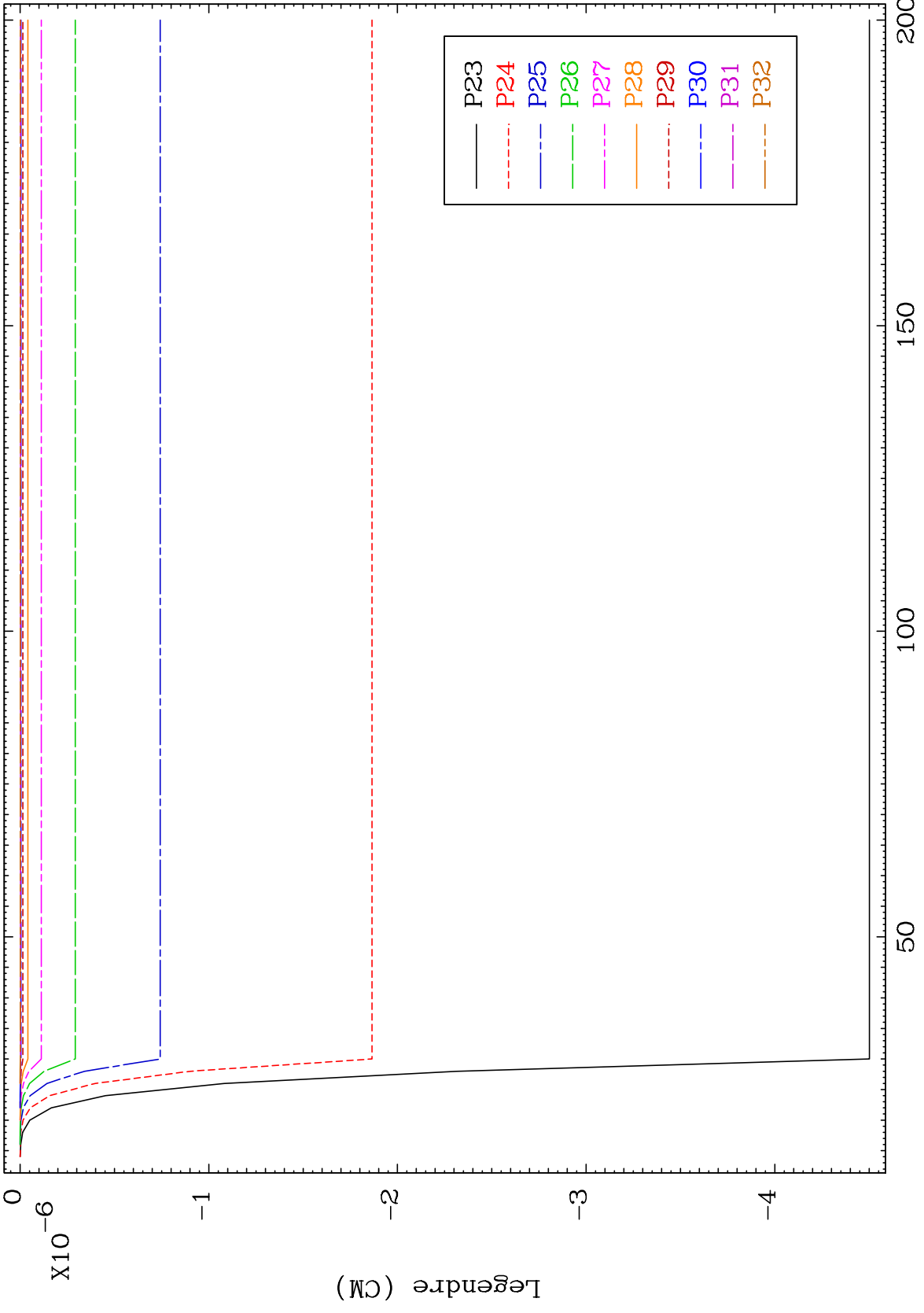
52

Incident Energy (MeV)

29-Cu-71



MAT 2949 MT= 61 (n,n') Level Legendre Coefficients 29-Cu-71

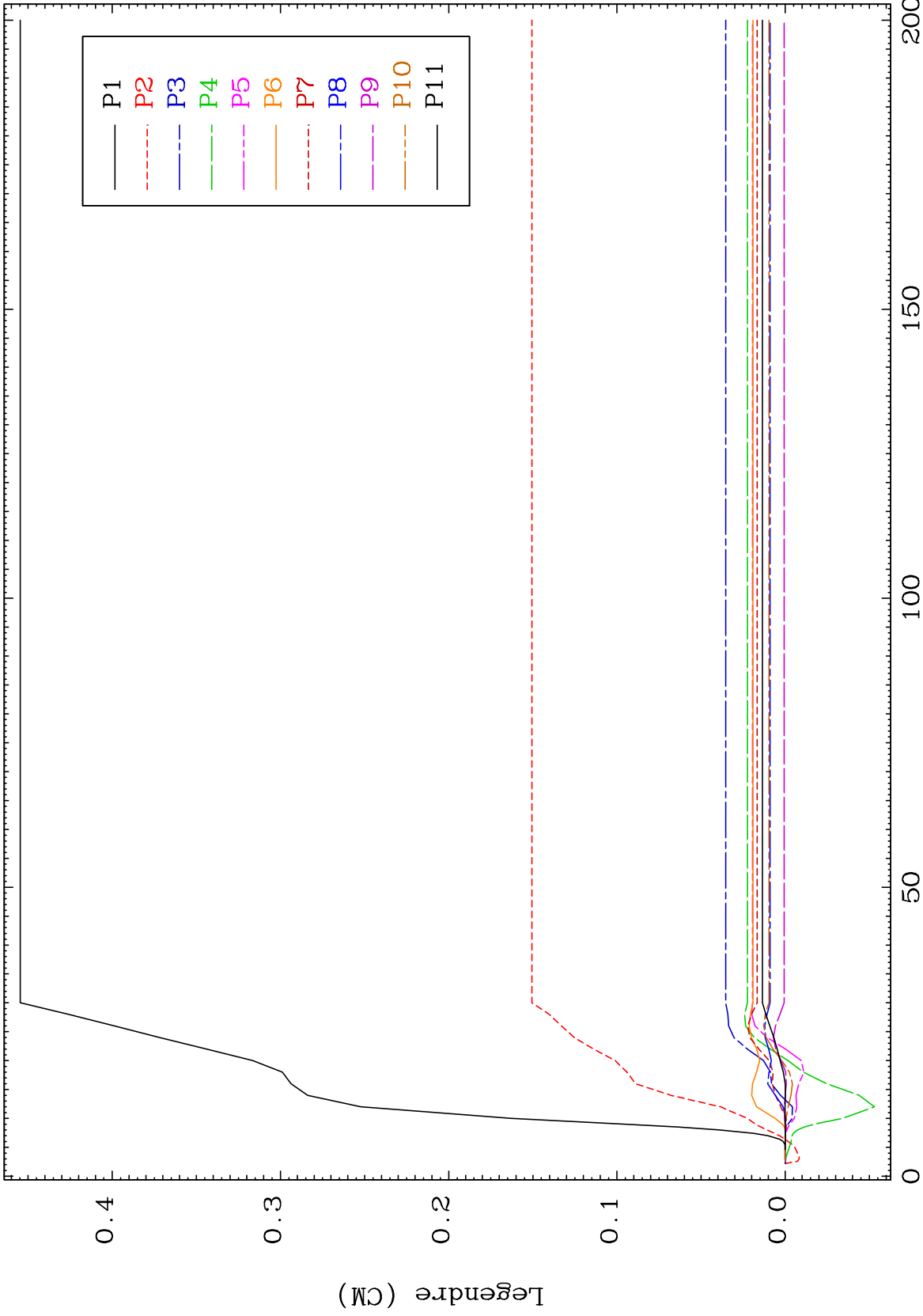


54 Incident Energy (MeV) 29-Cu-71

MAT 2949

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

29-Cu-71



55

Incident Energy (MeV)

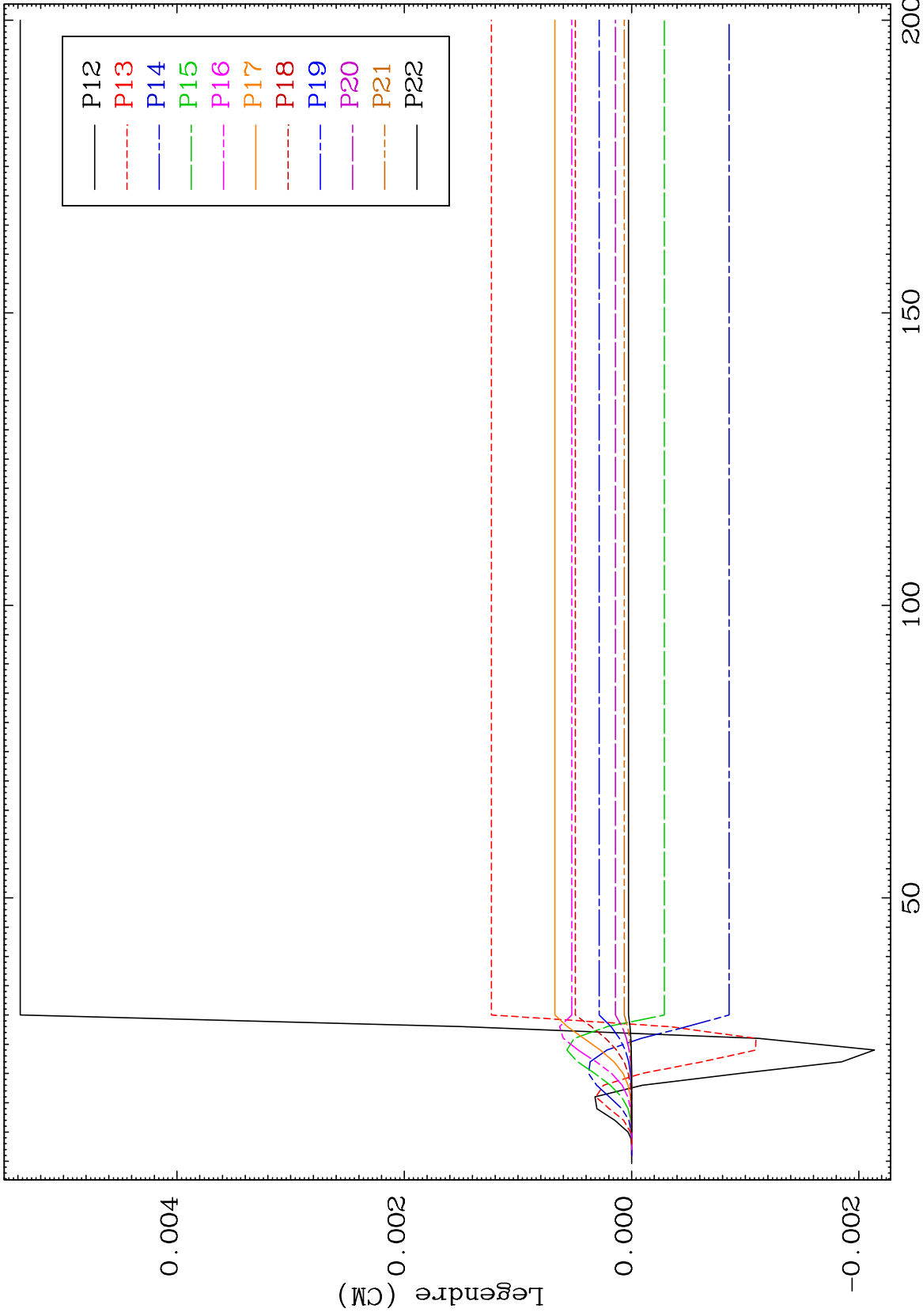
29-Cu-71



MAT 2949

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

29-Cu-71



56

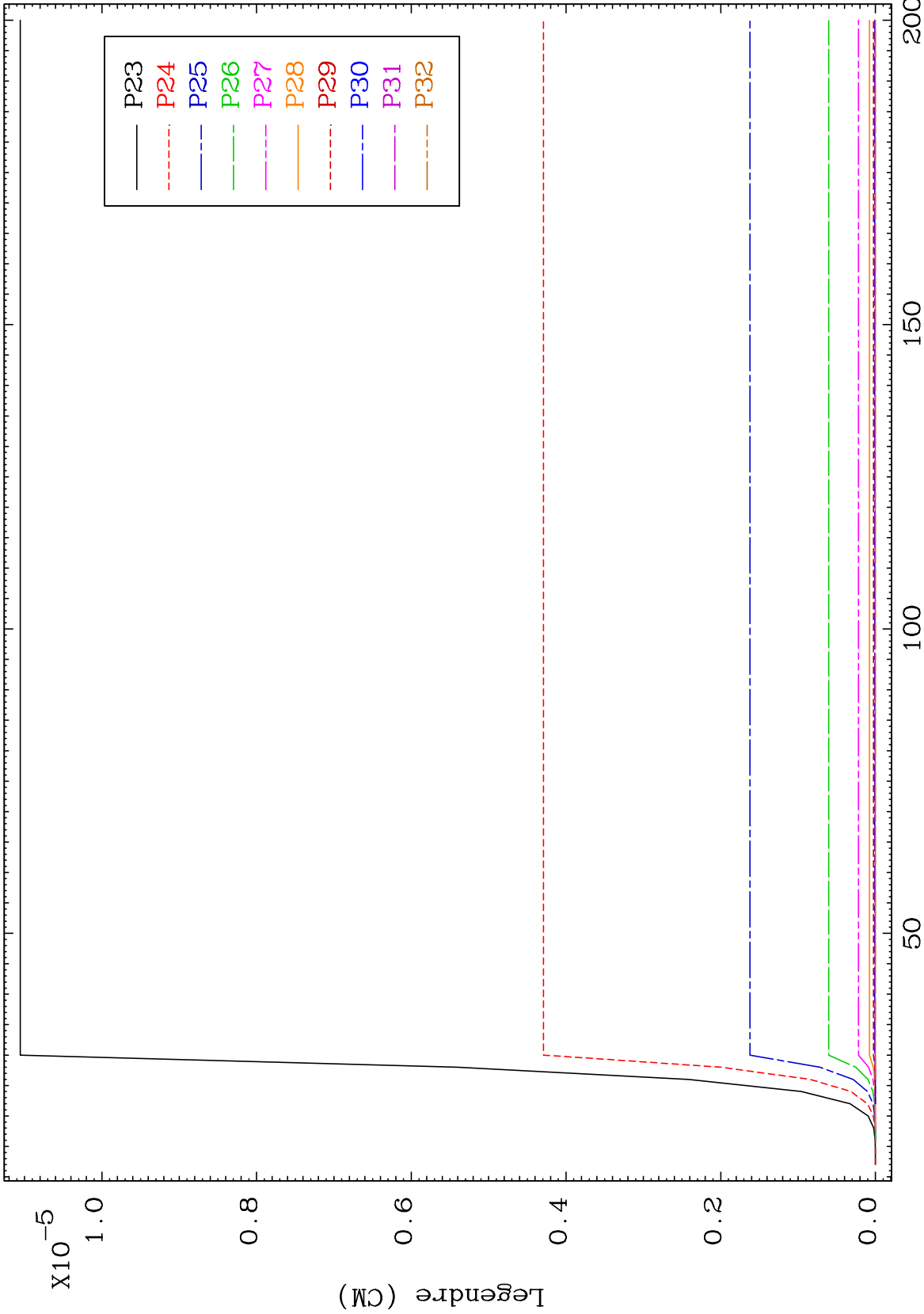
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



57

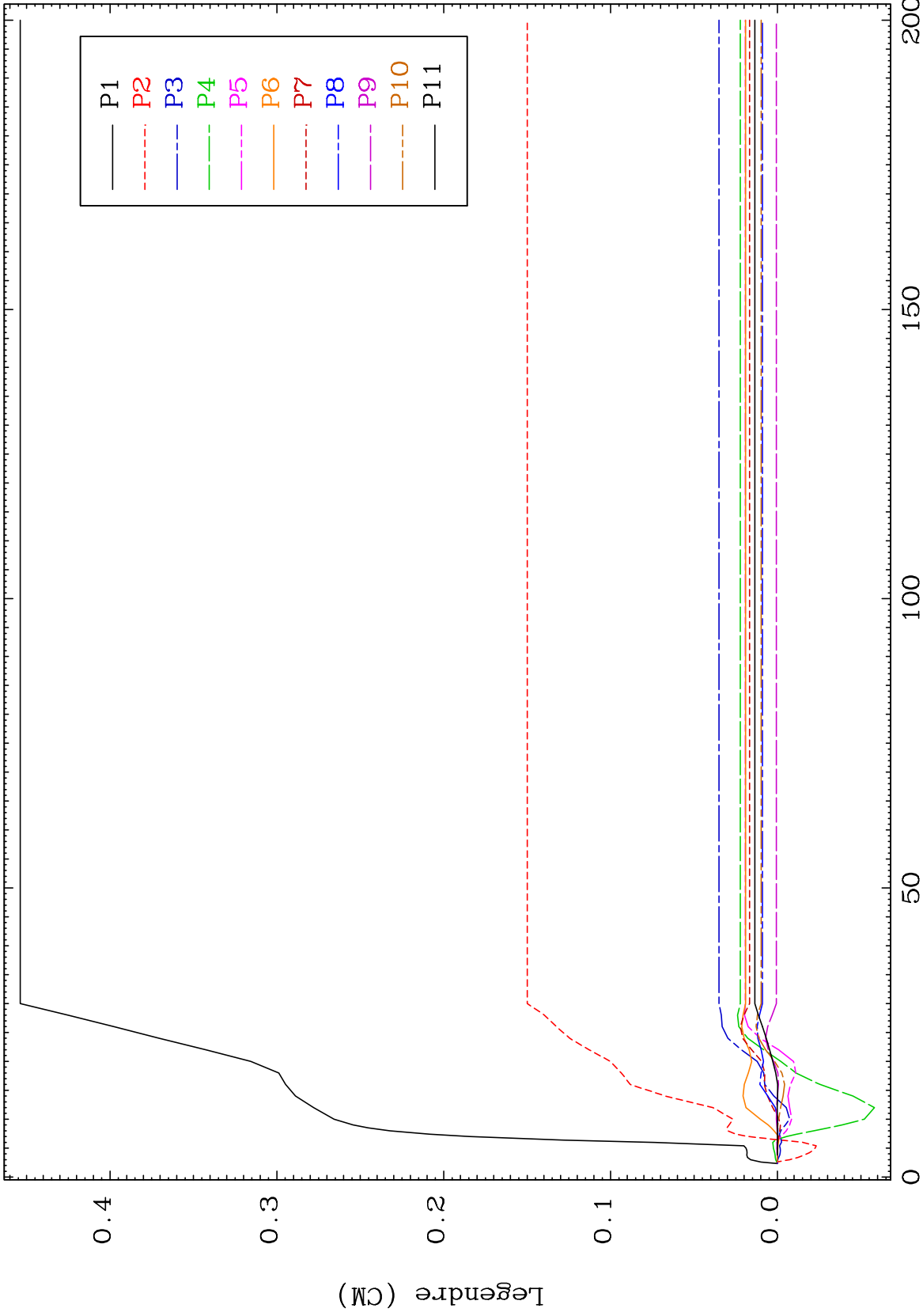
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



58

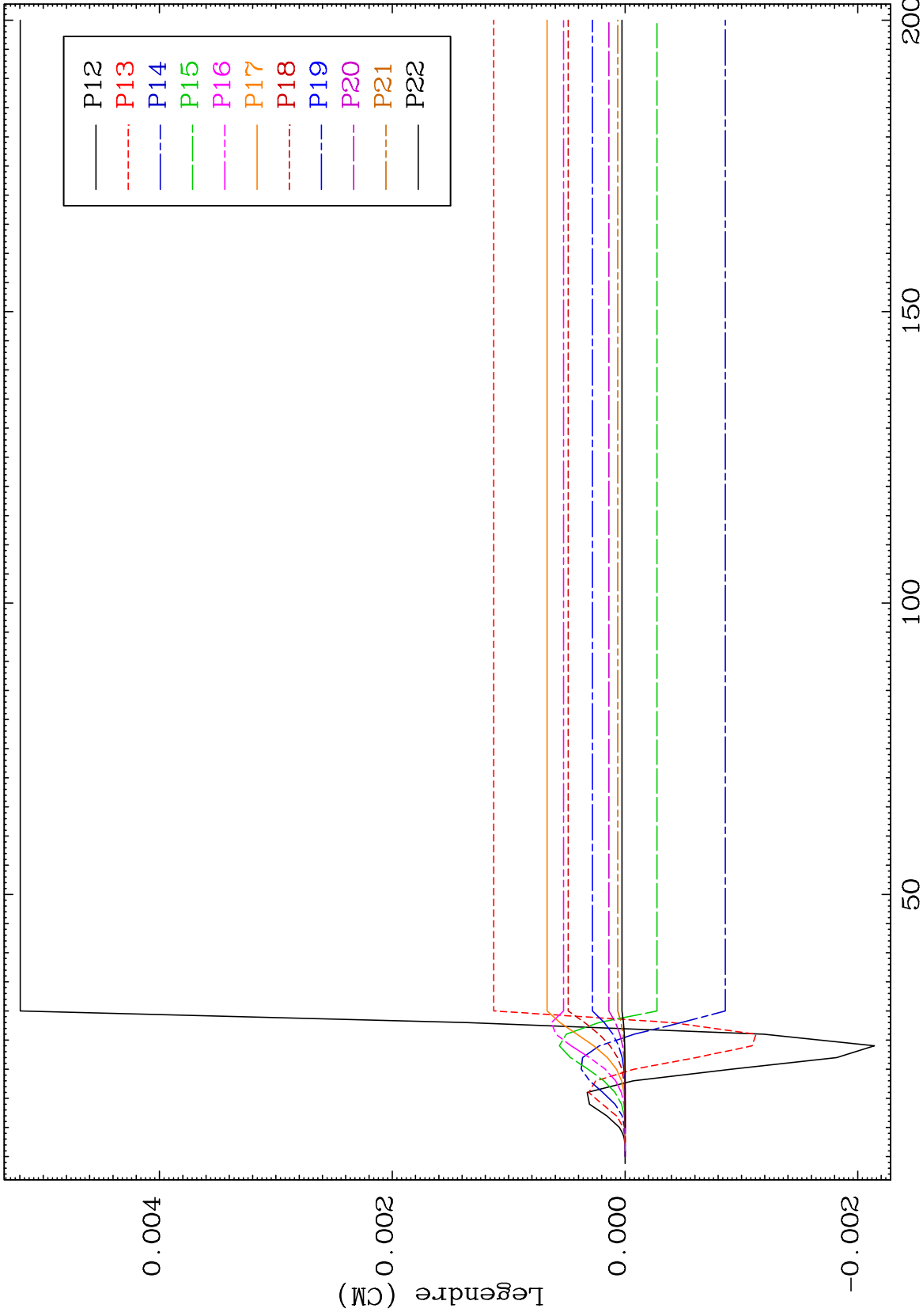
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



59

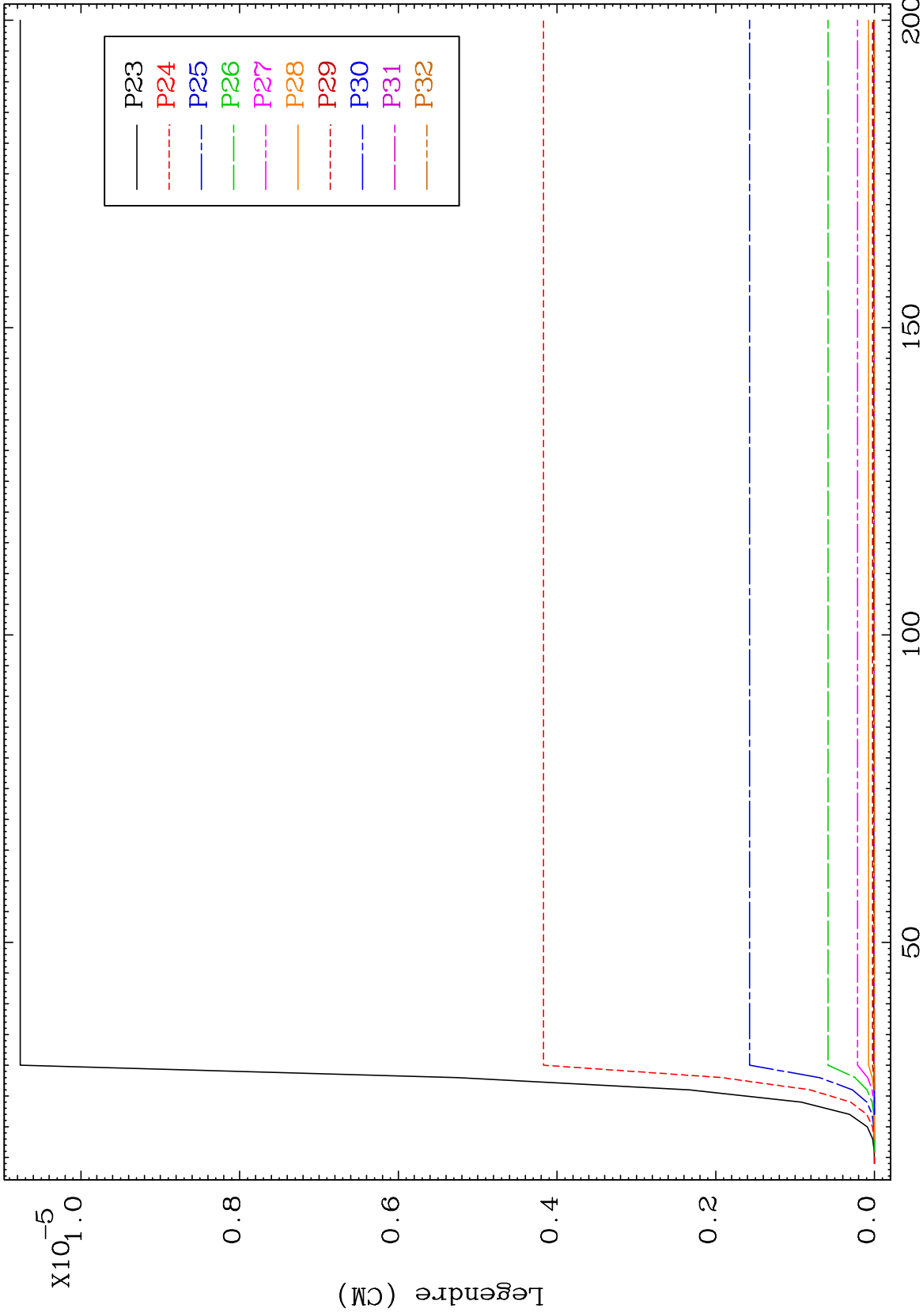
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



60

50

100

150

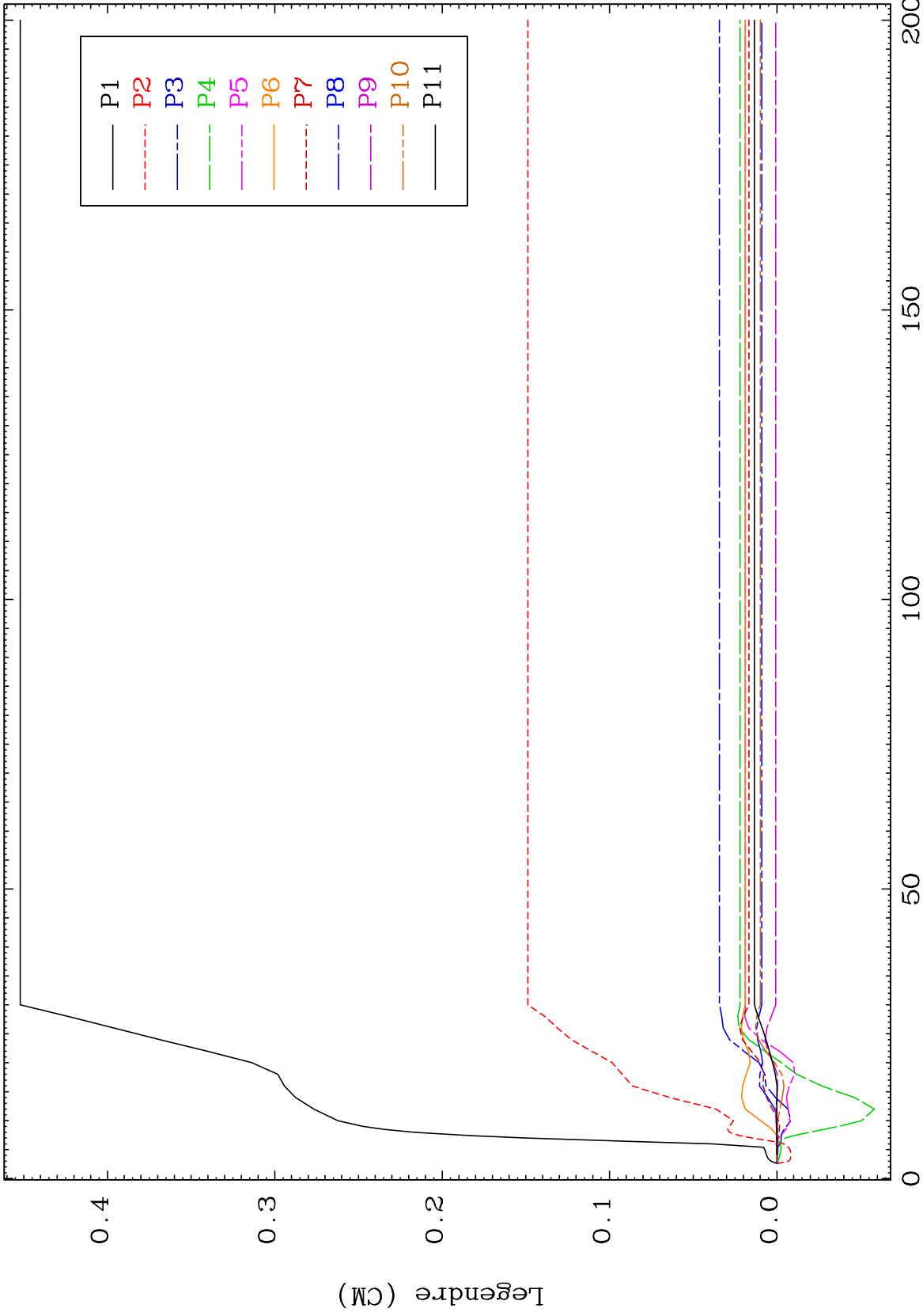
200

29-Cu-71

MAT 2949

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

29-Cu-71



61

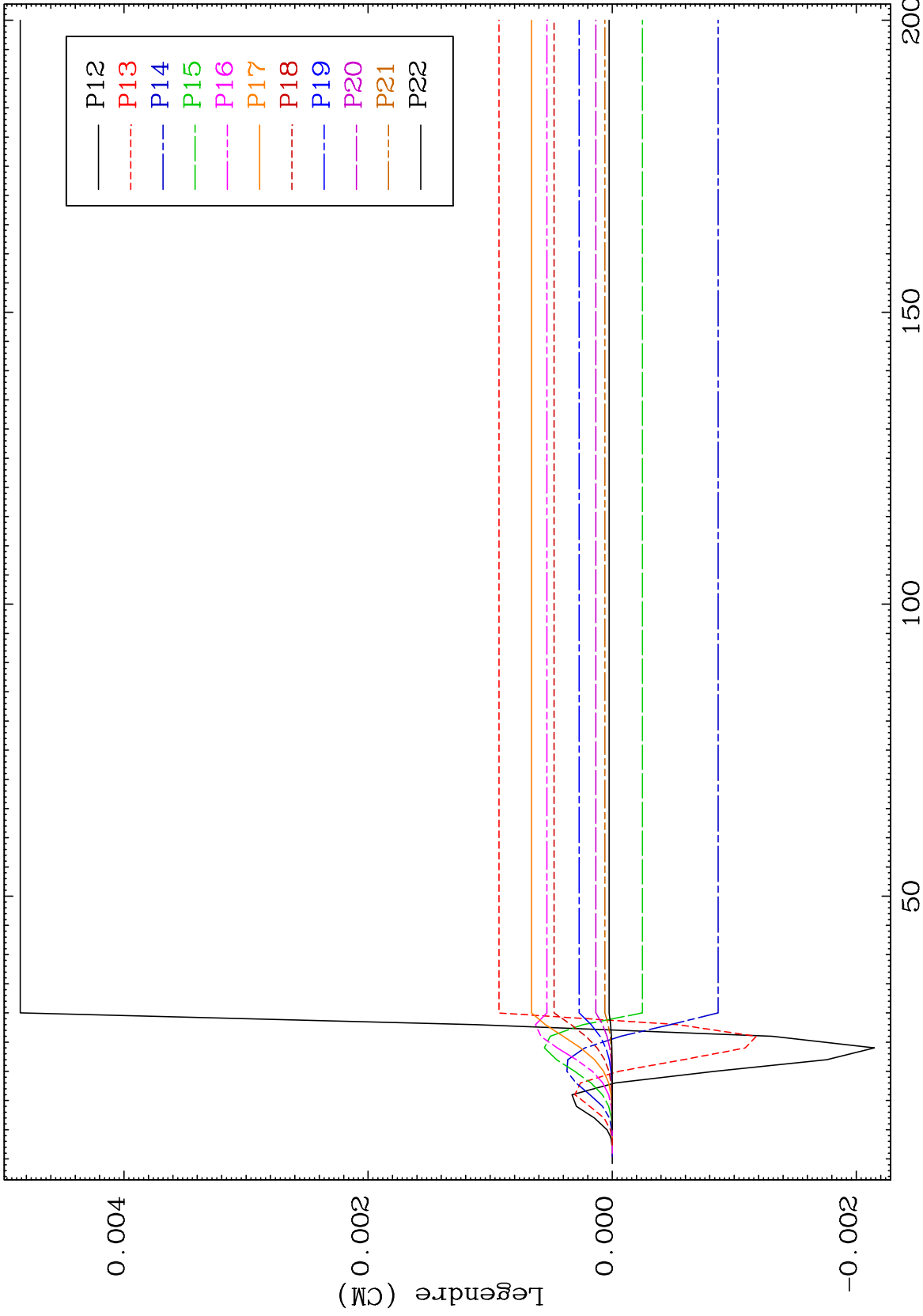
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



62

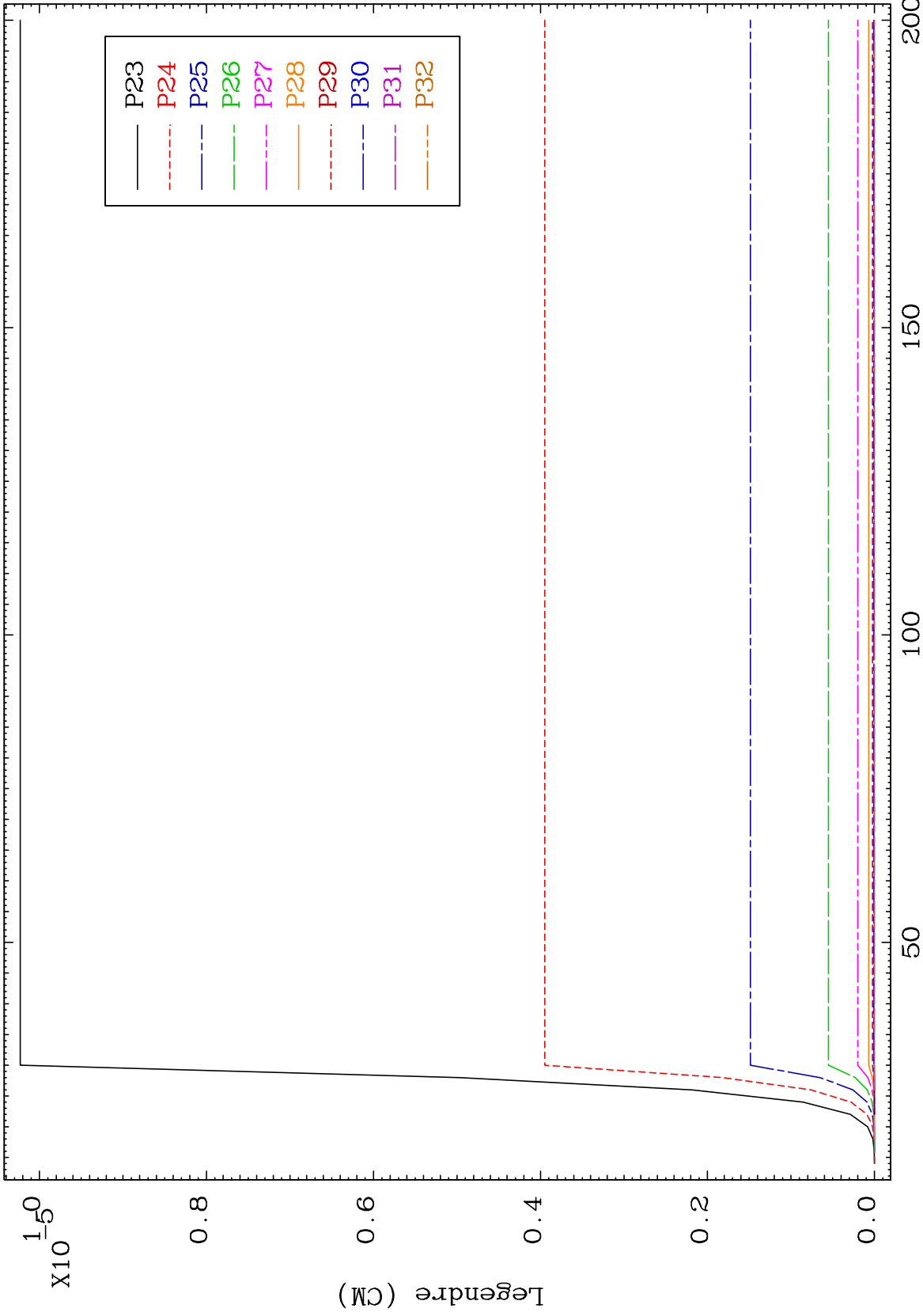
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71

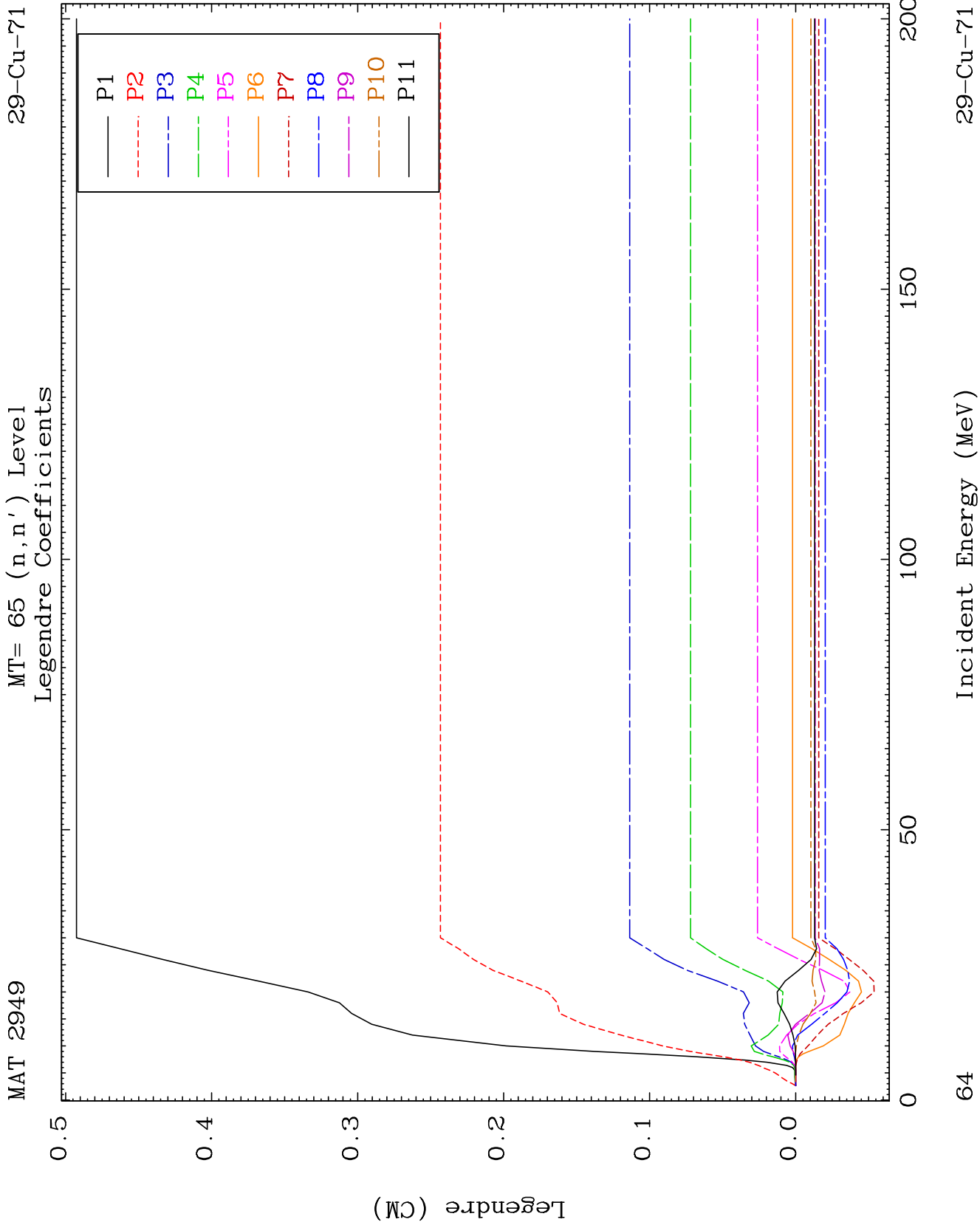


63

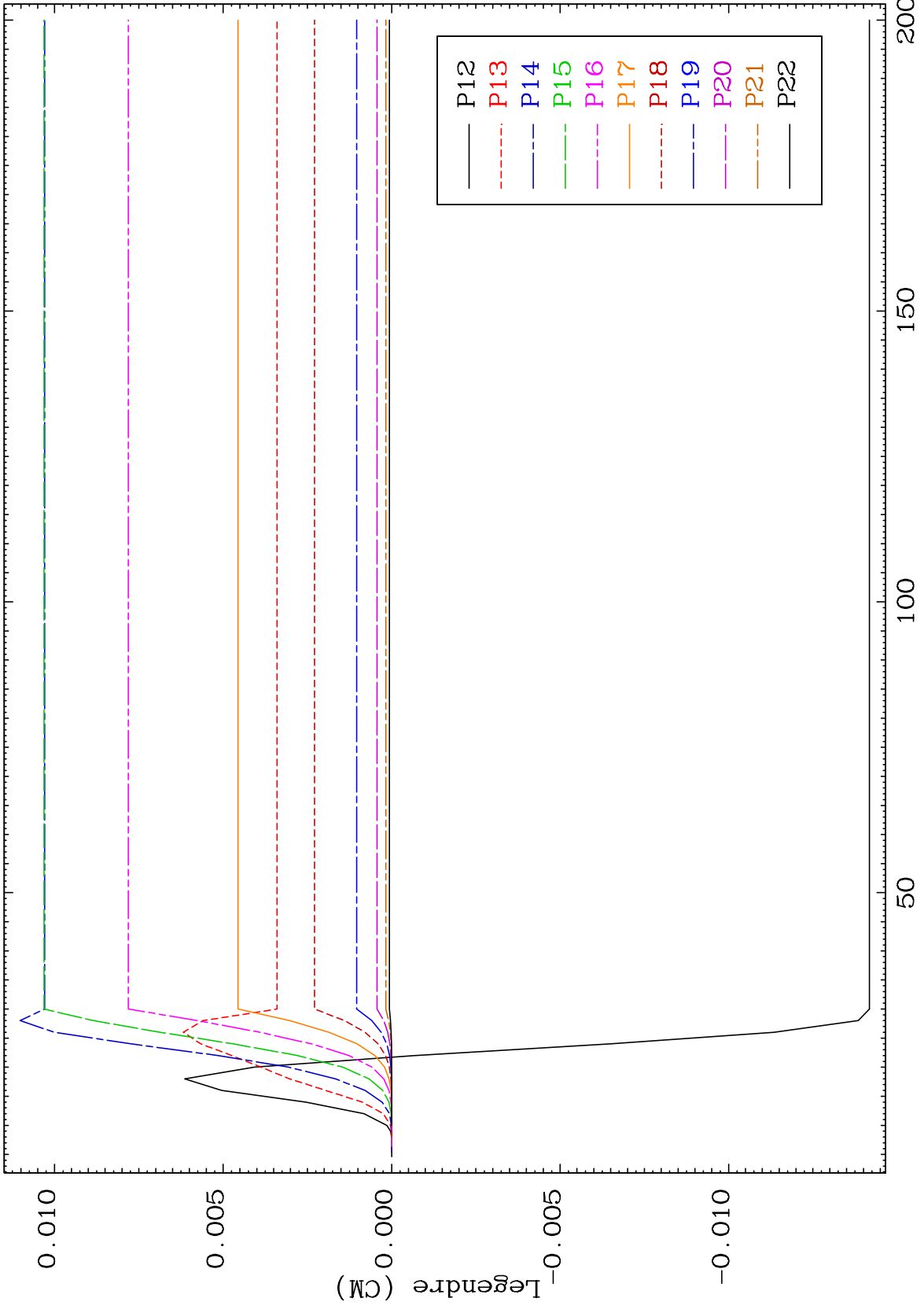
Incident Energy (MeV)

29-Cu-71

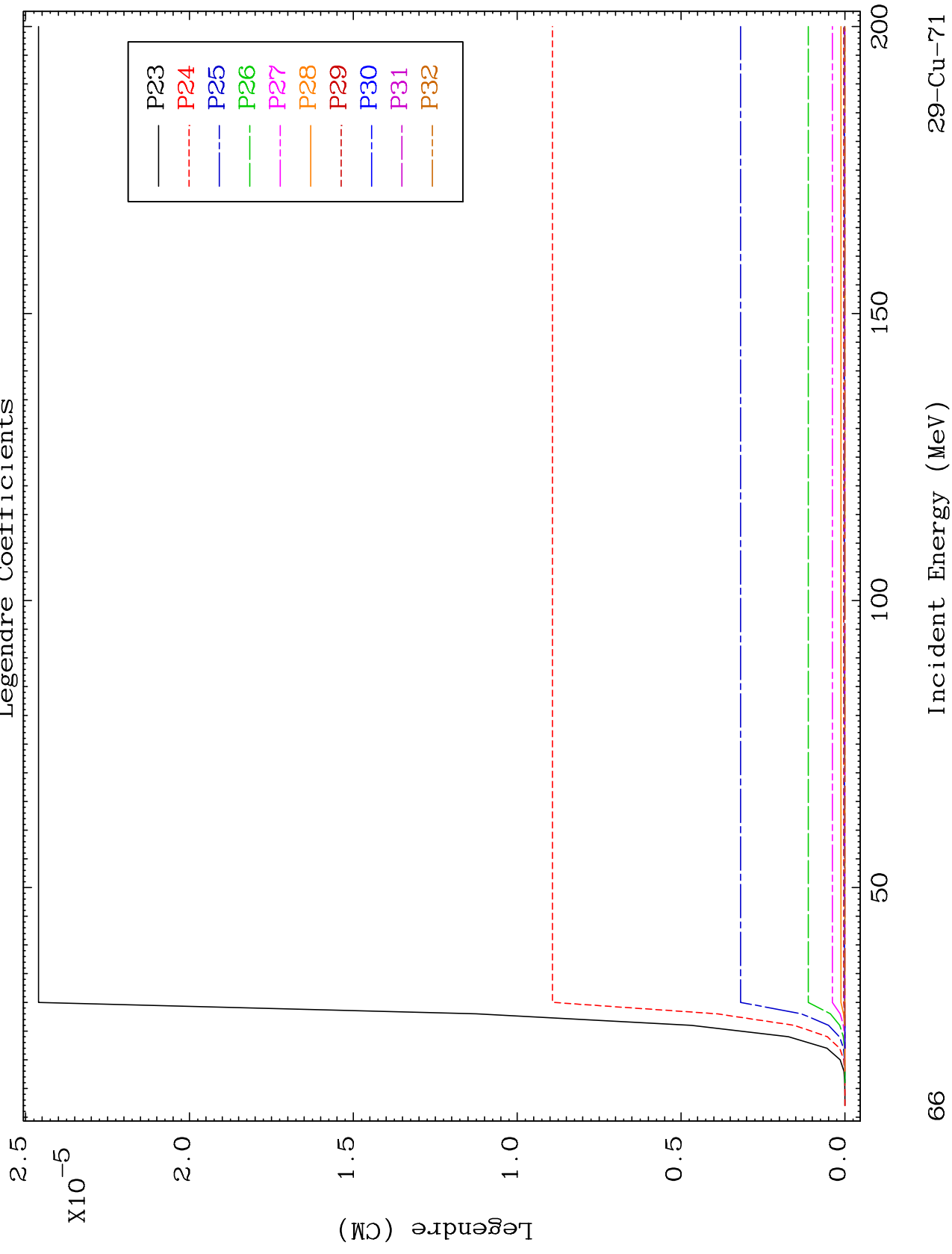




MAT 2949 MT= 65 (n,n') Level Legendre Coefficients 29-Cu-71



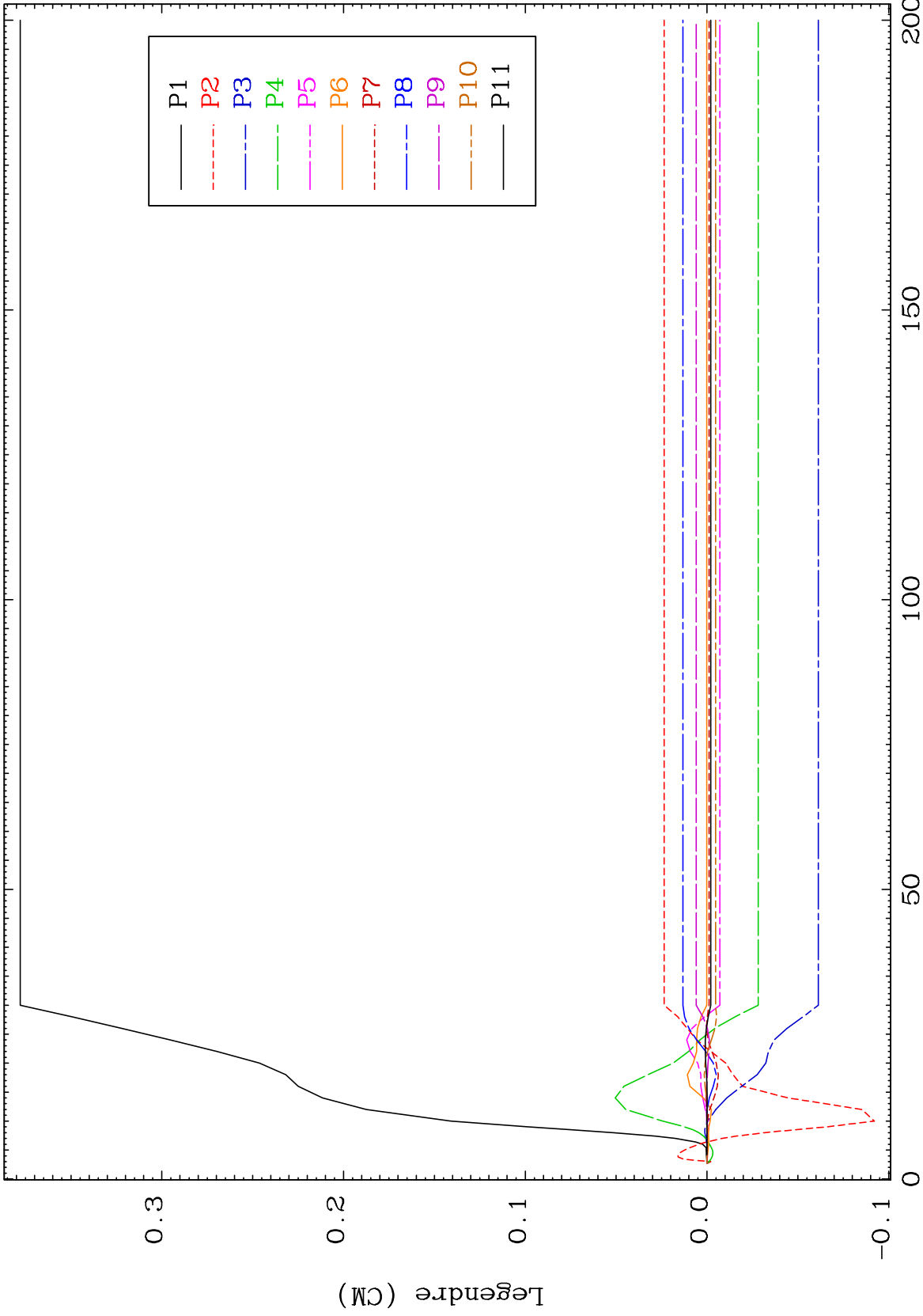
65 Incident Energy (MeV) 29-Cu-71



MAT 2949

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

29-Cu-71

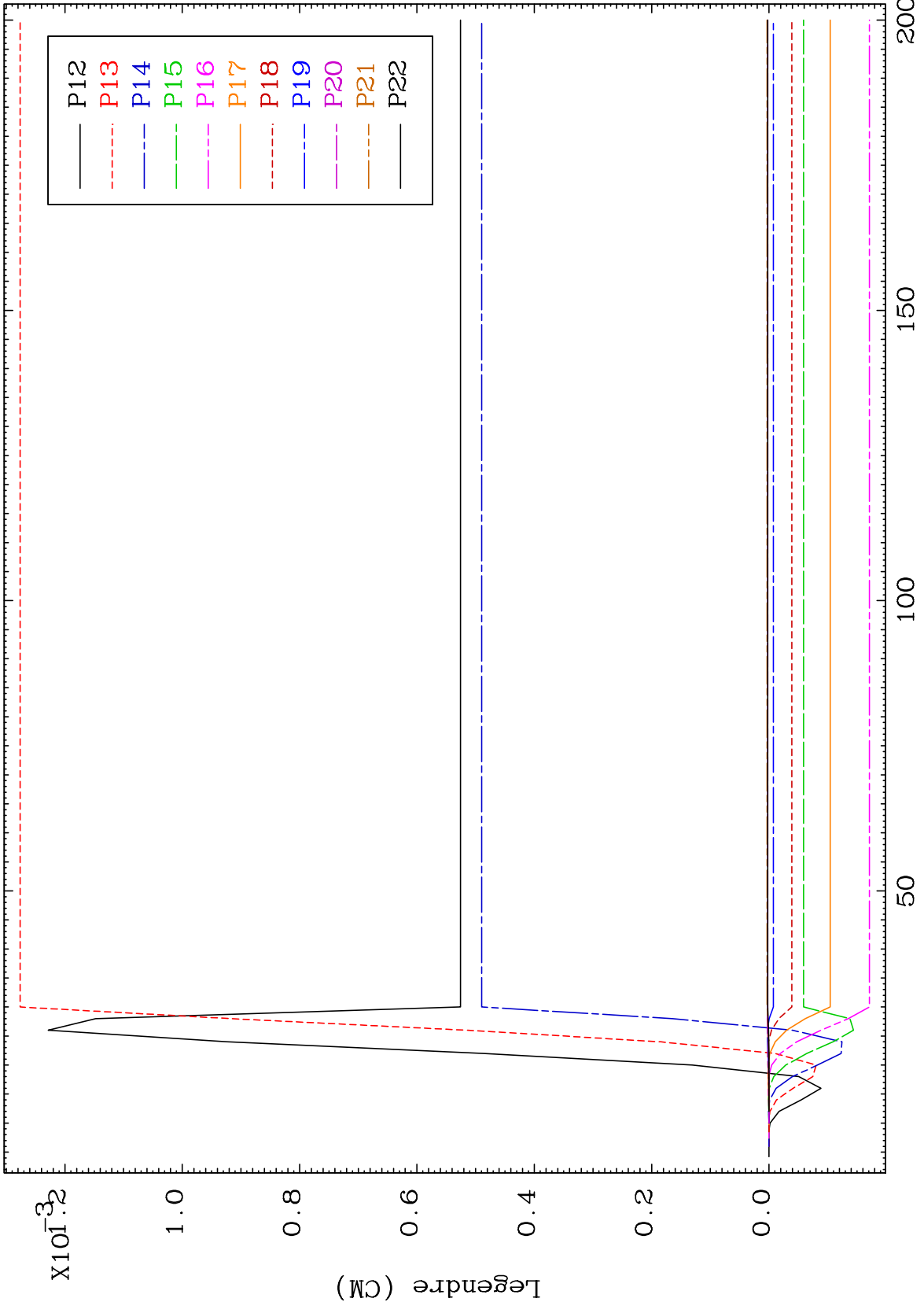


67

Incident Energy (MeV)

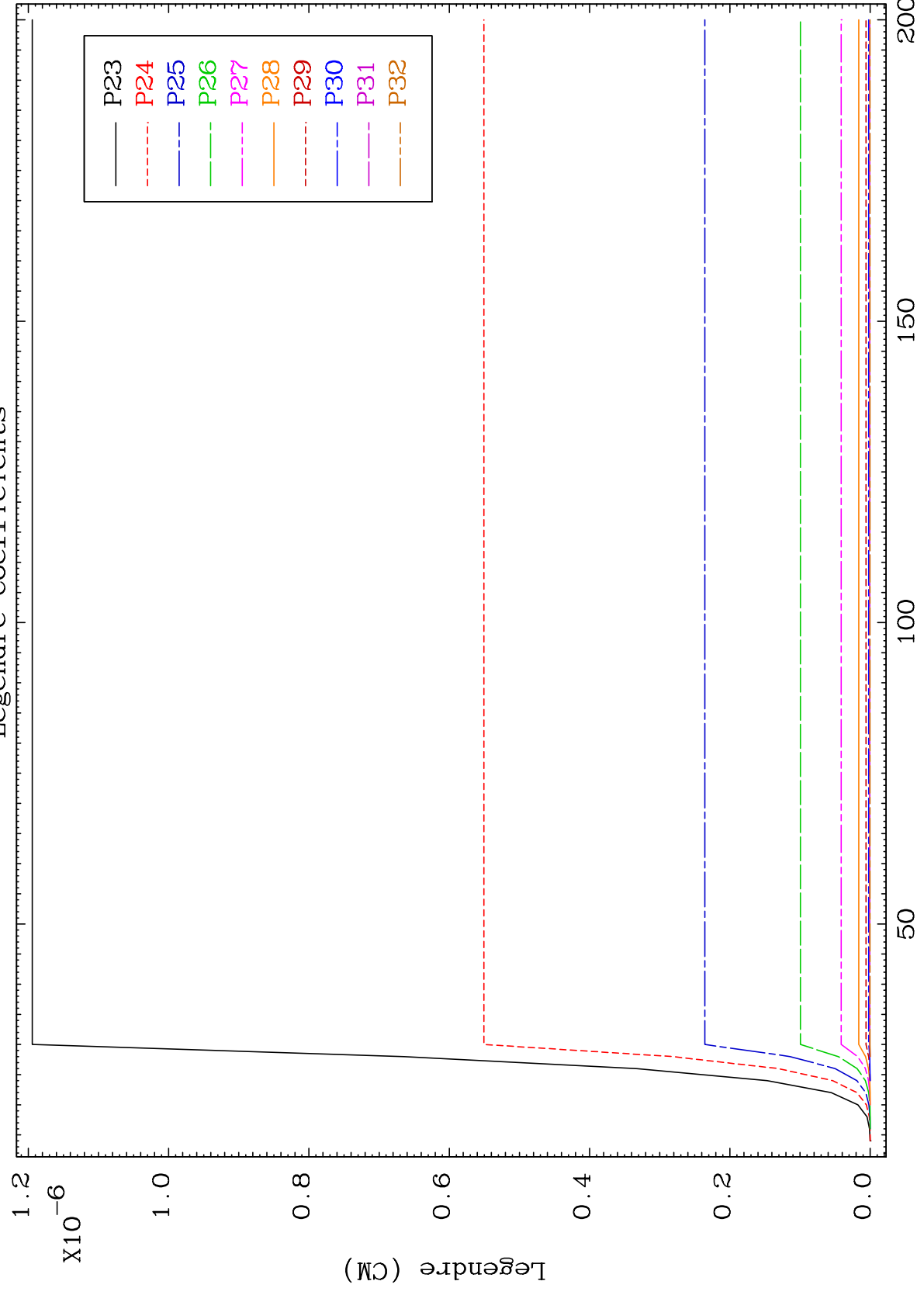
29-Cu-71

MAT 2949 MT= 66 (n,n') Level Legendre Coefficients 29-Cu-71



68 29-Cu-71

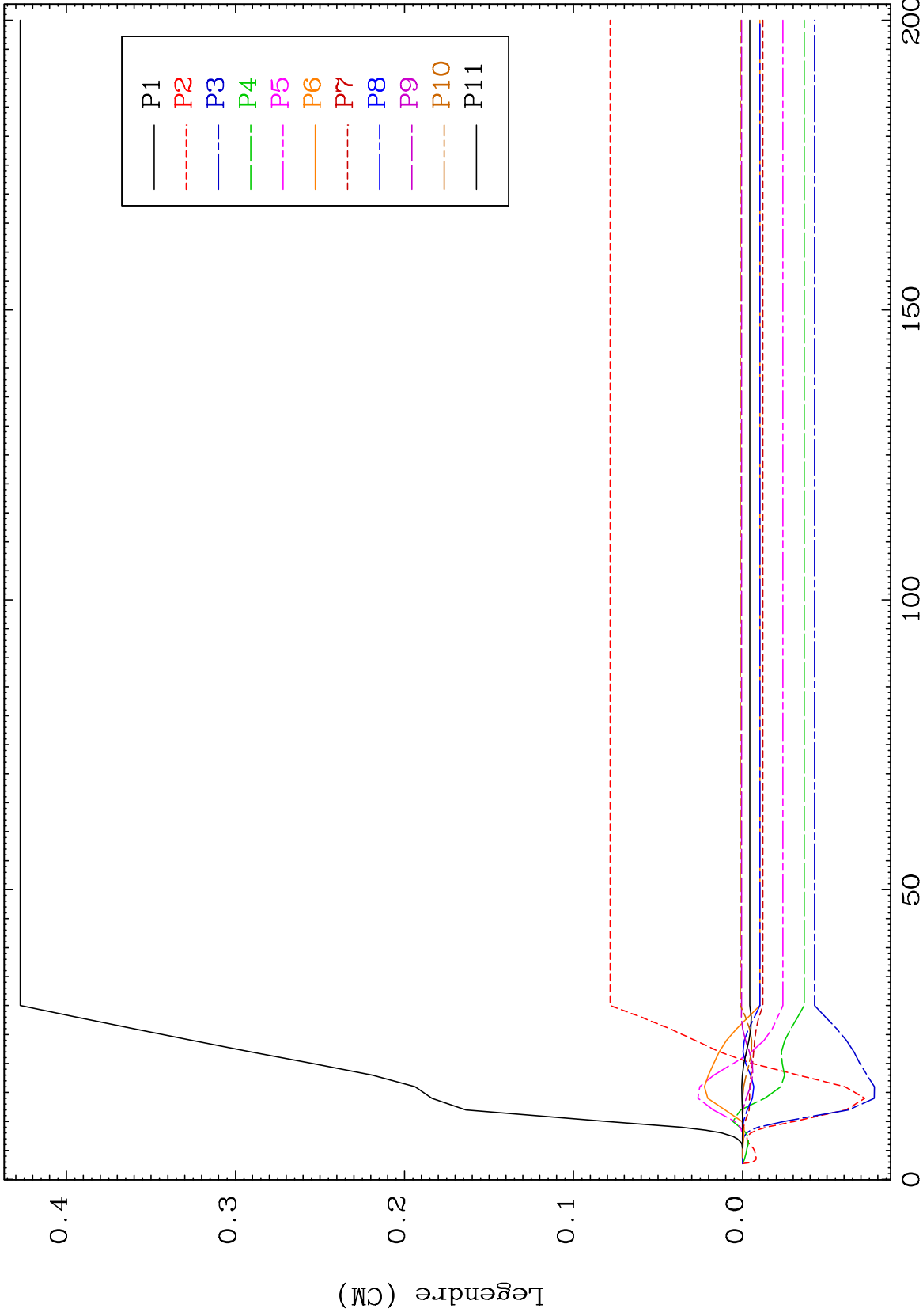
MAT 2949 MT= 66 (n,n') Level Legendre Coefficients 29-Cu-71



MAT 2949

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

29-Cu-71



70

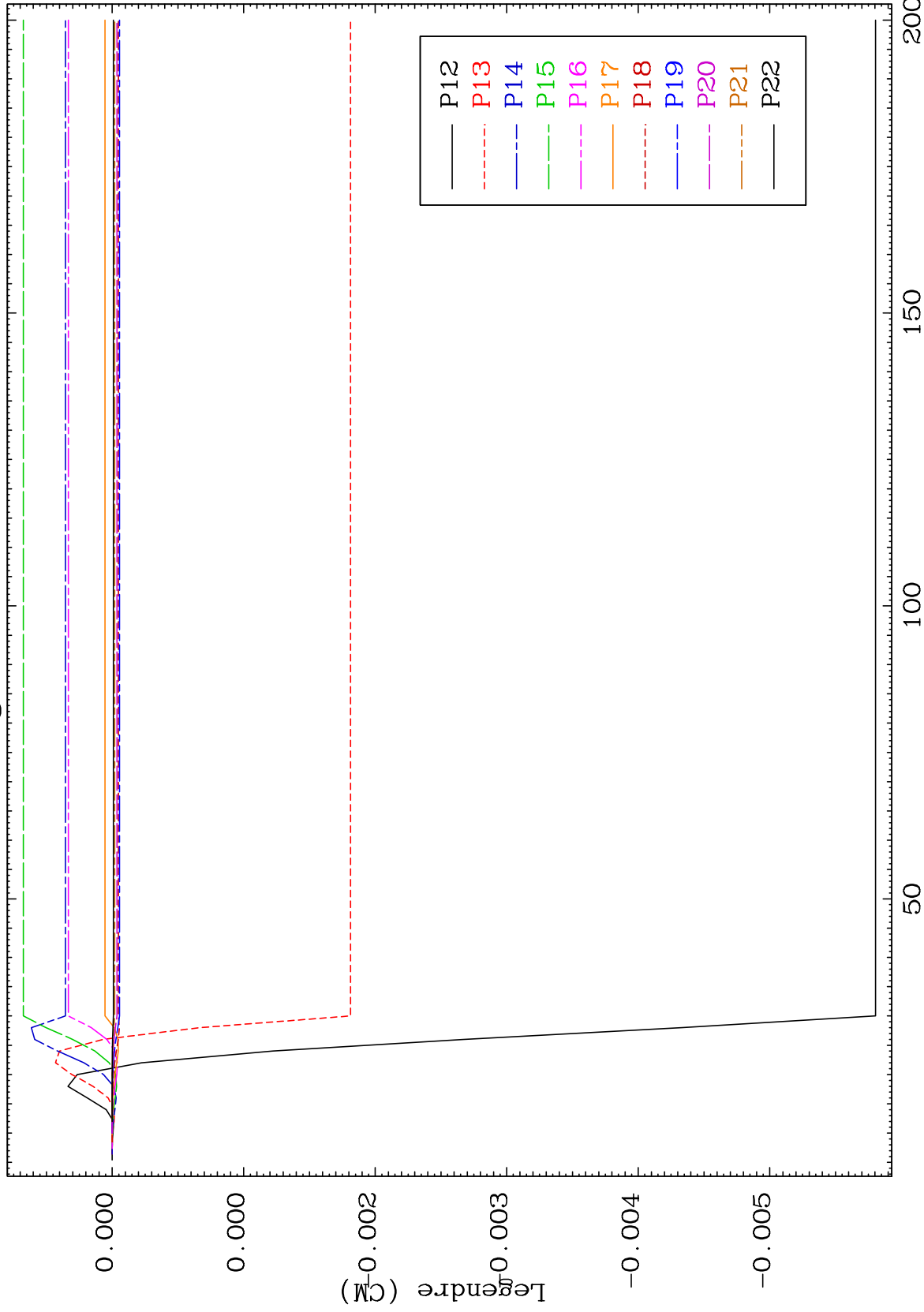
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



71

Incident Energy (MeV)

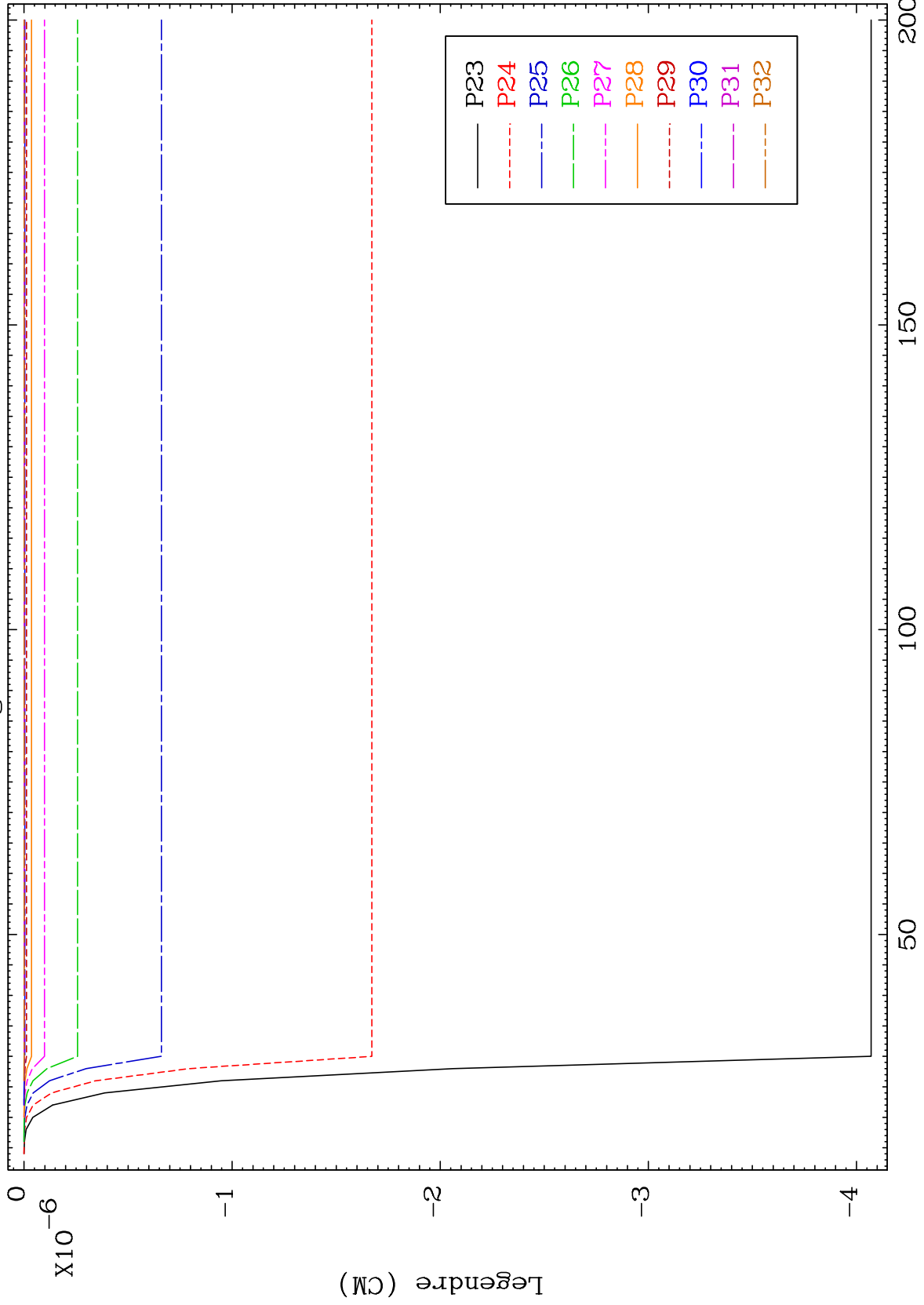
29-Cu-71



MAT 2949

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

29-Cu-71



29-Cu-71

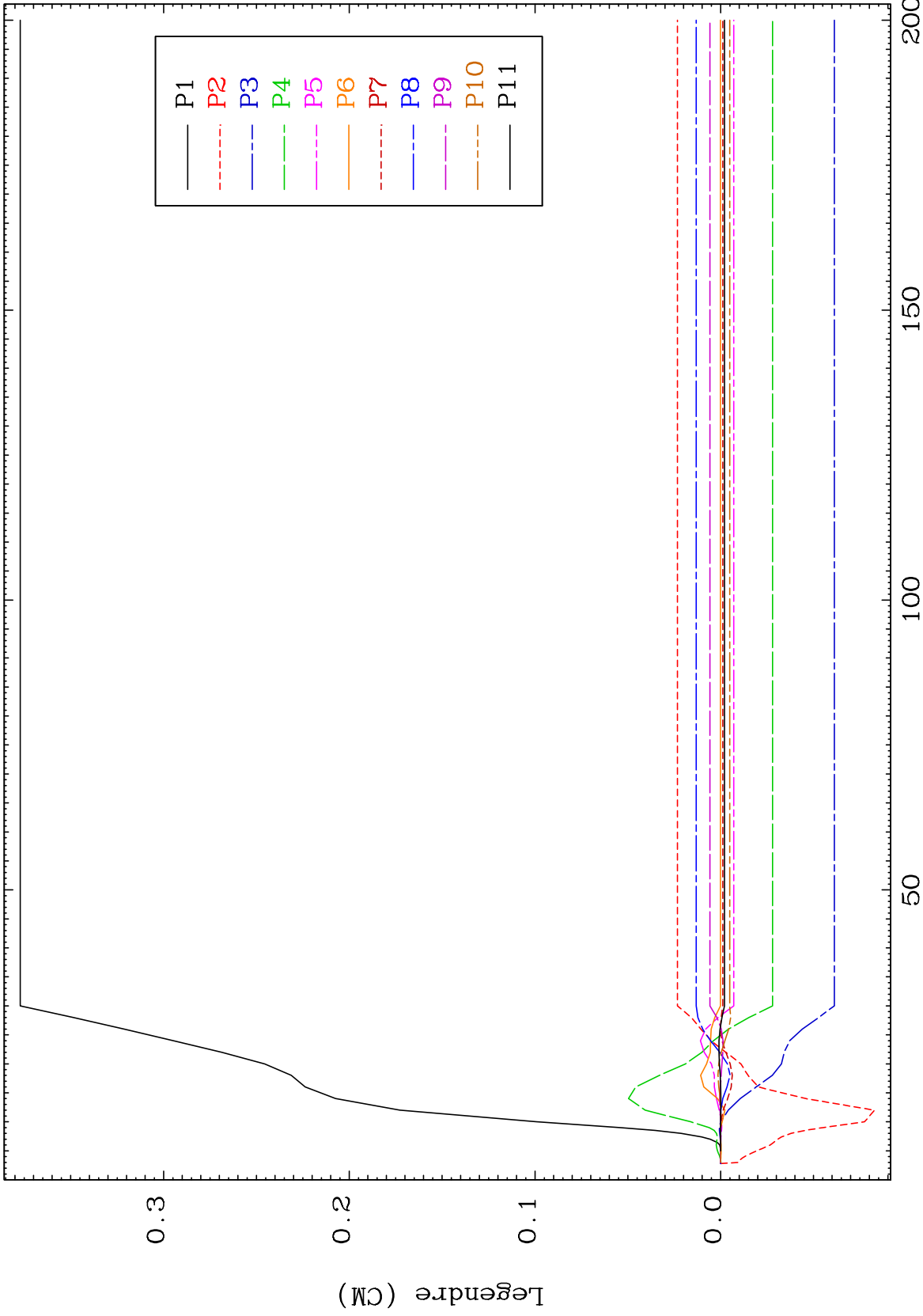
Incident Energy (MeV)

72

MAT 2949

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

29-Cu-71

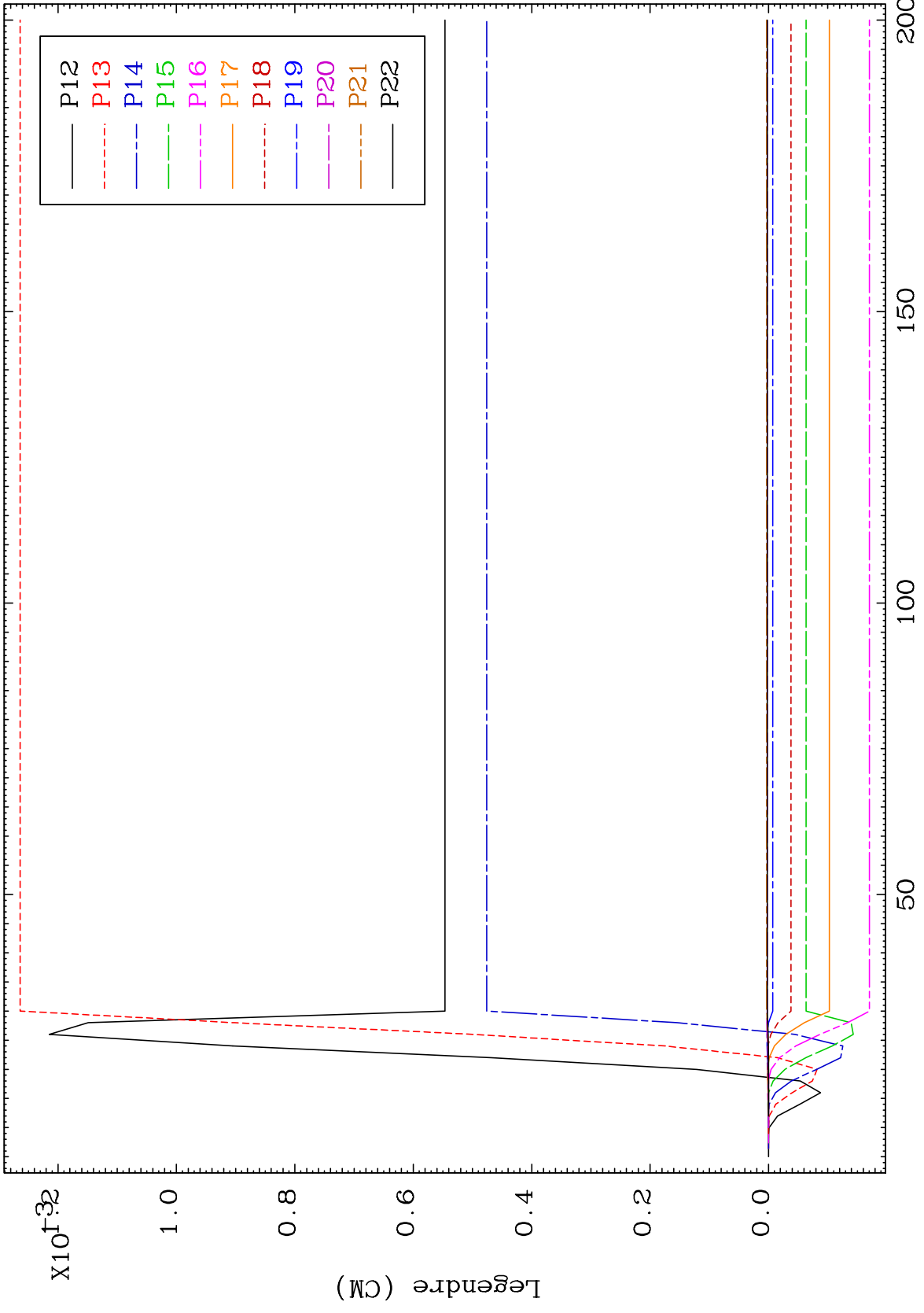


73

Incident Energy (MeV)

29-Cu-71

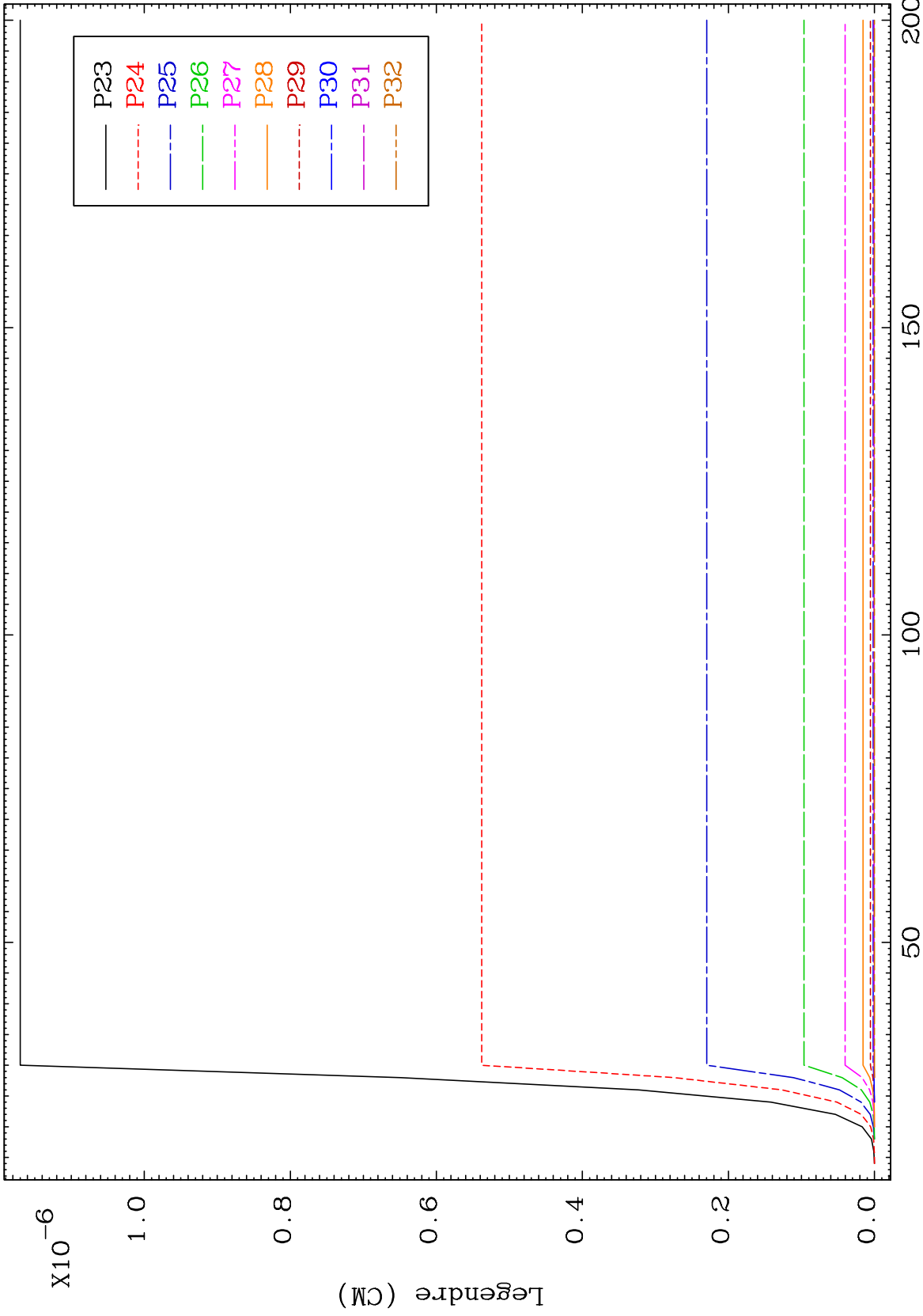
MAT 2949 MT= 68 (n,n') Level Legendre Coefficients 29-Cu-71



MAT 2949

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

29-Cu-71



75

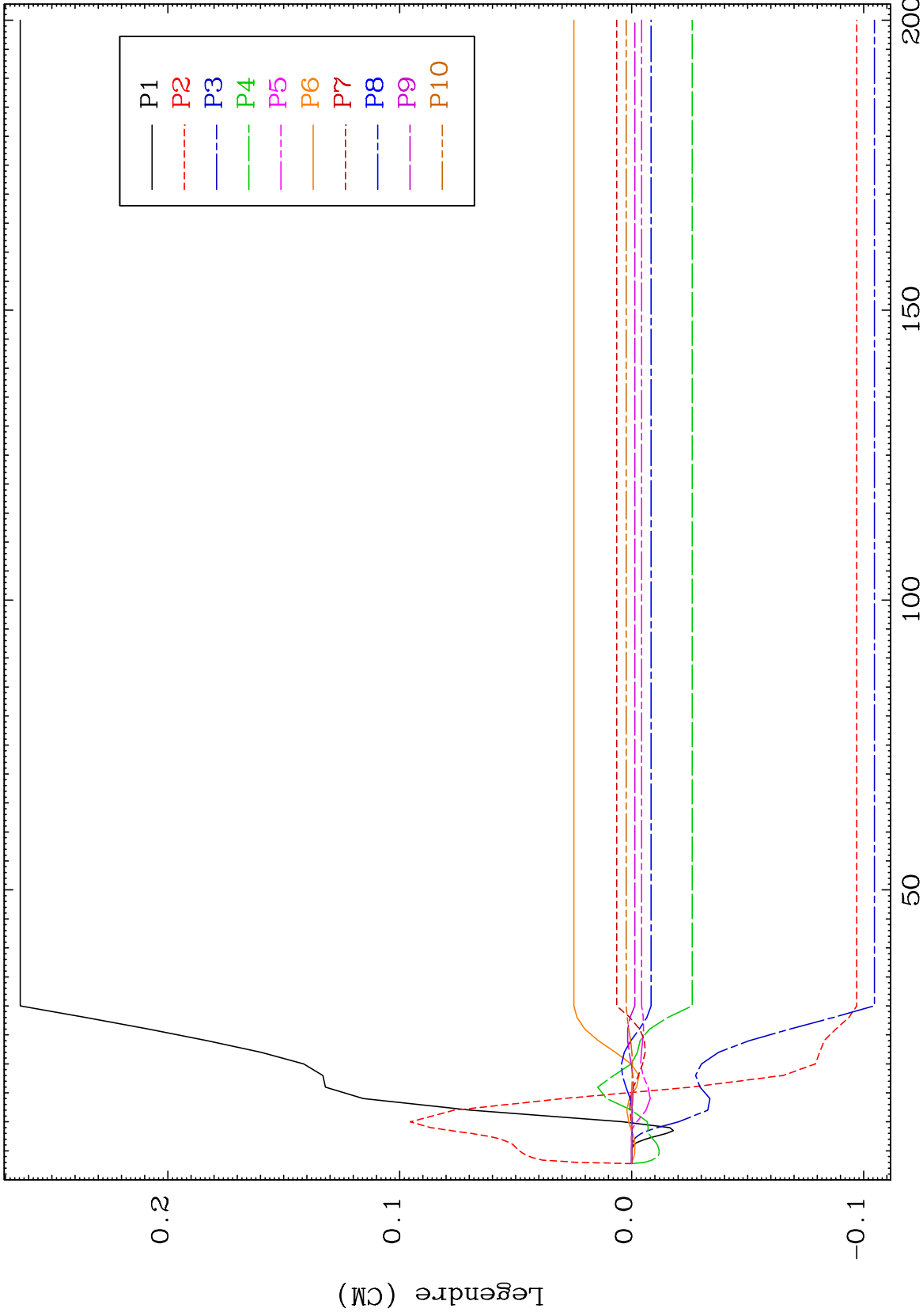
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



76

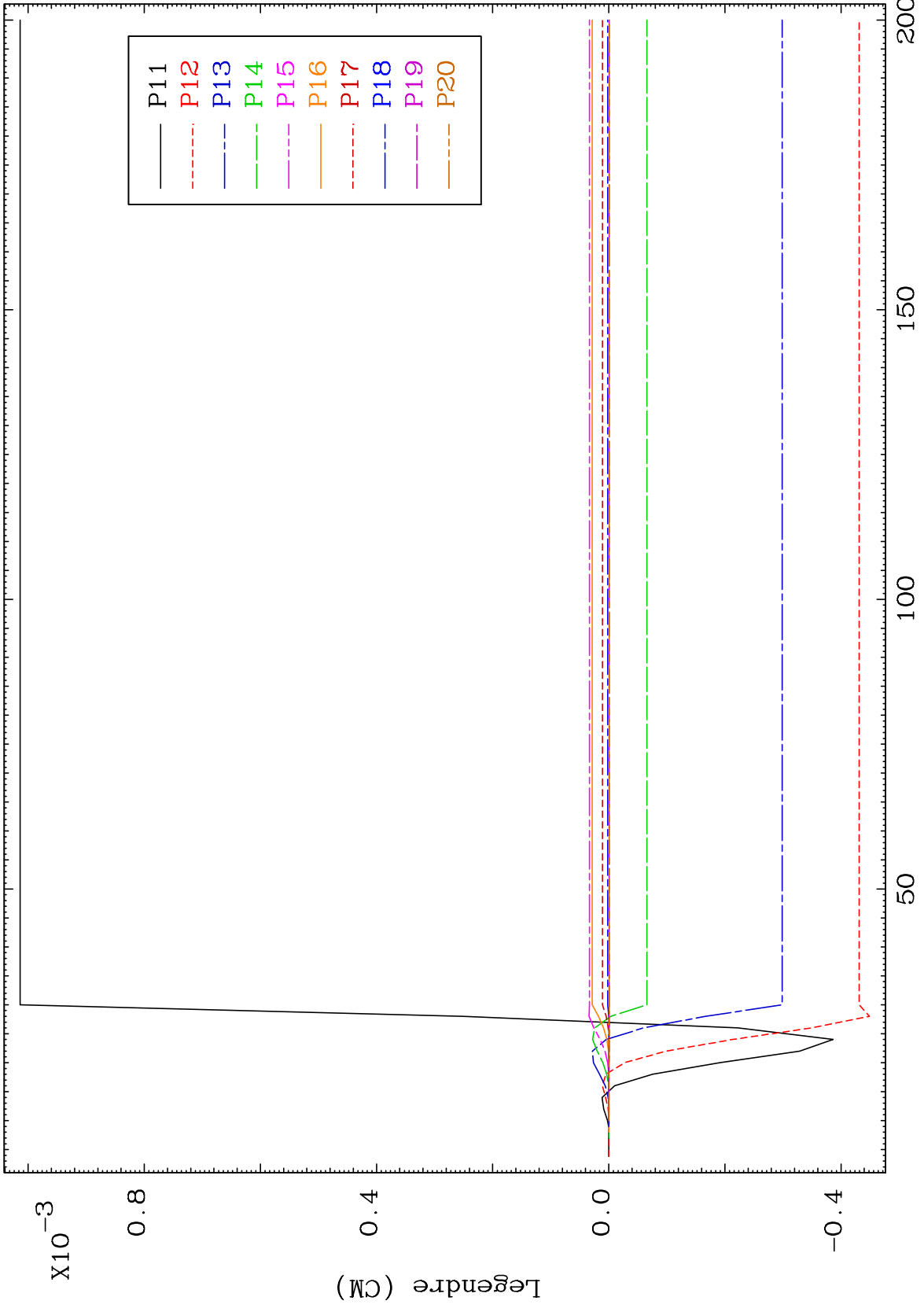
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

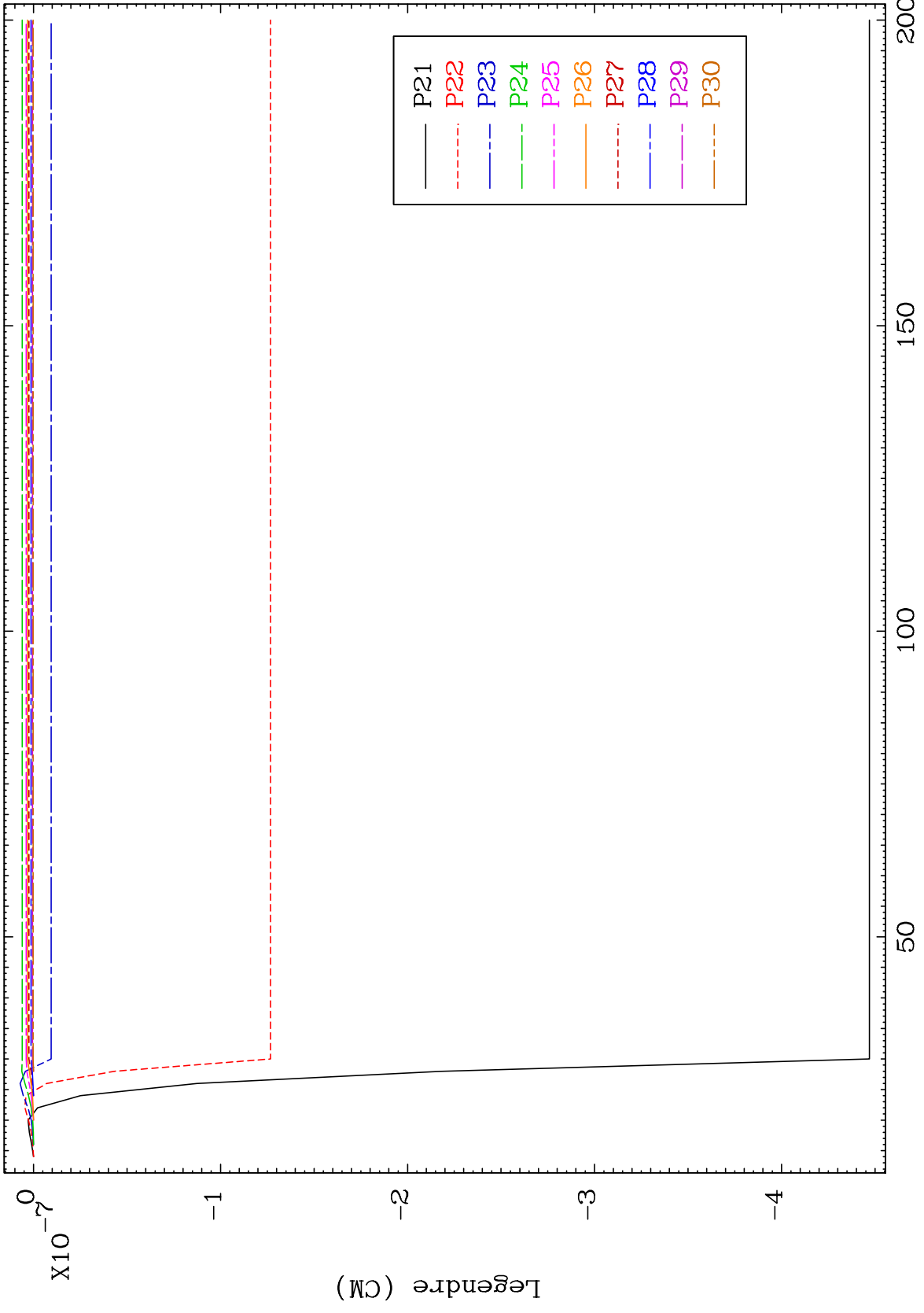
29-Cu-71



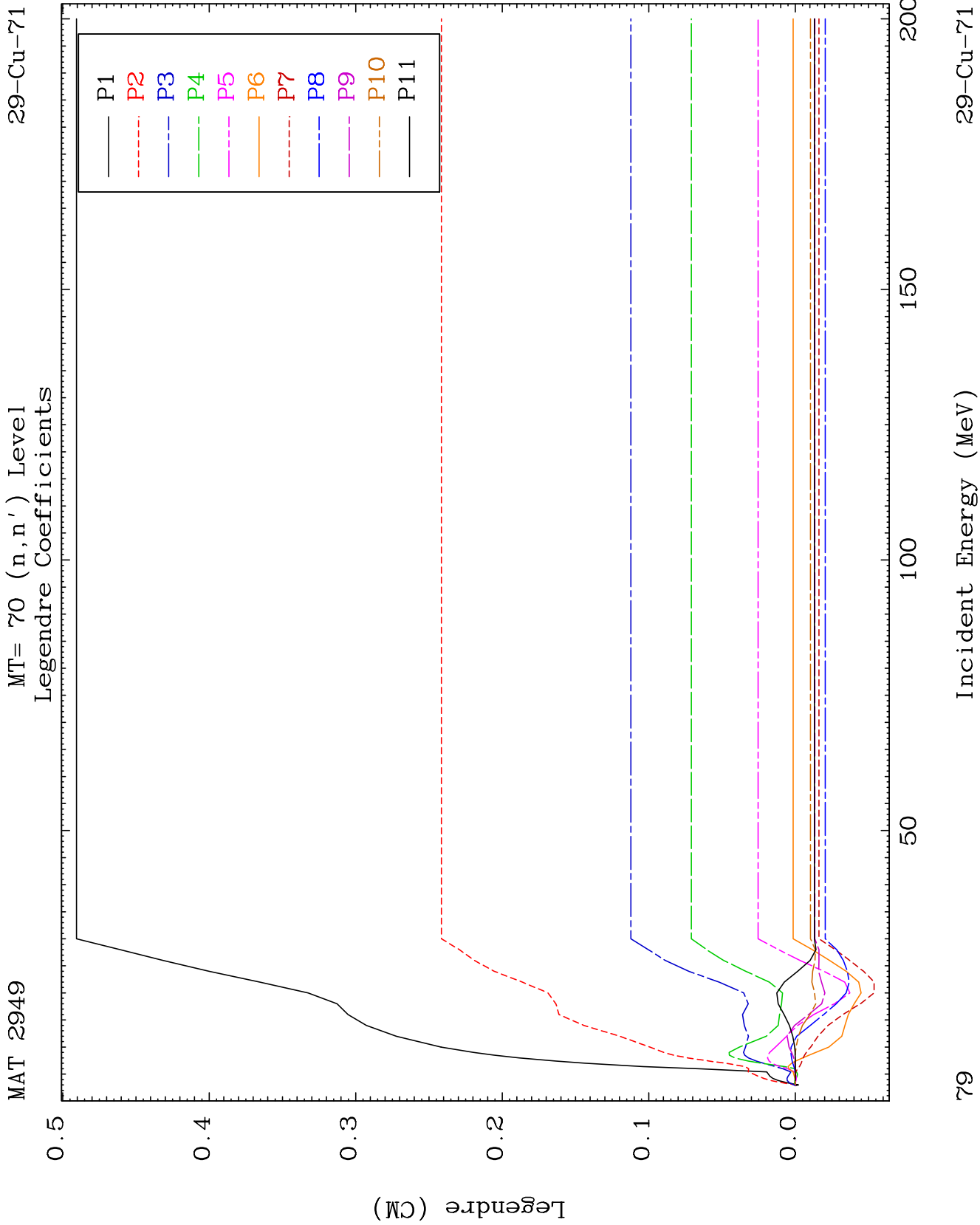
77

29-Cu-71

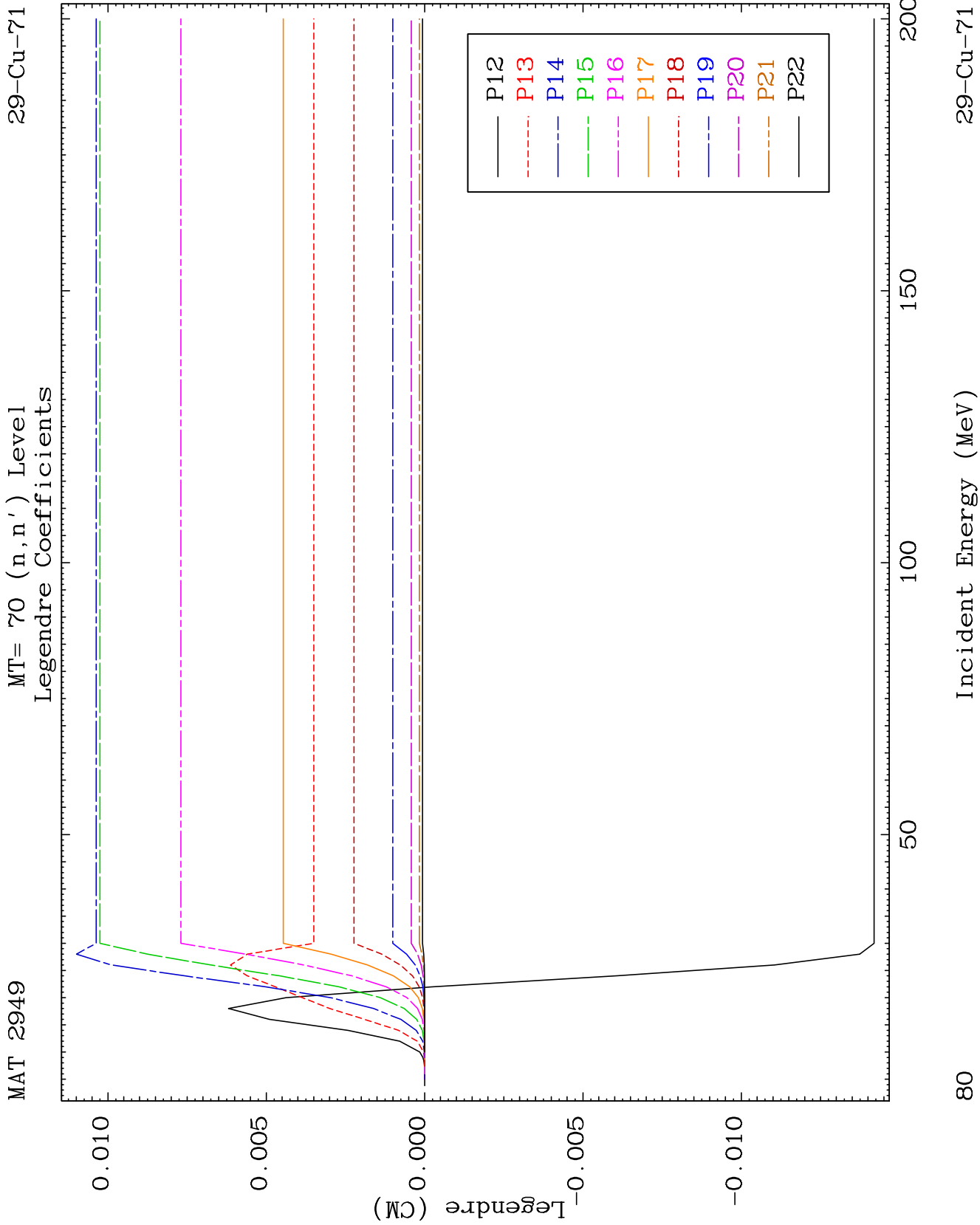
MAT 2949 MT= 69 (n,n') Level Legendre Coefficients 29-Cu-71



78 Incident Energy (MeV) 29-Cu-71



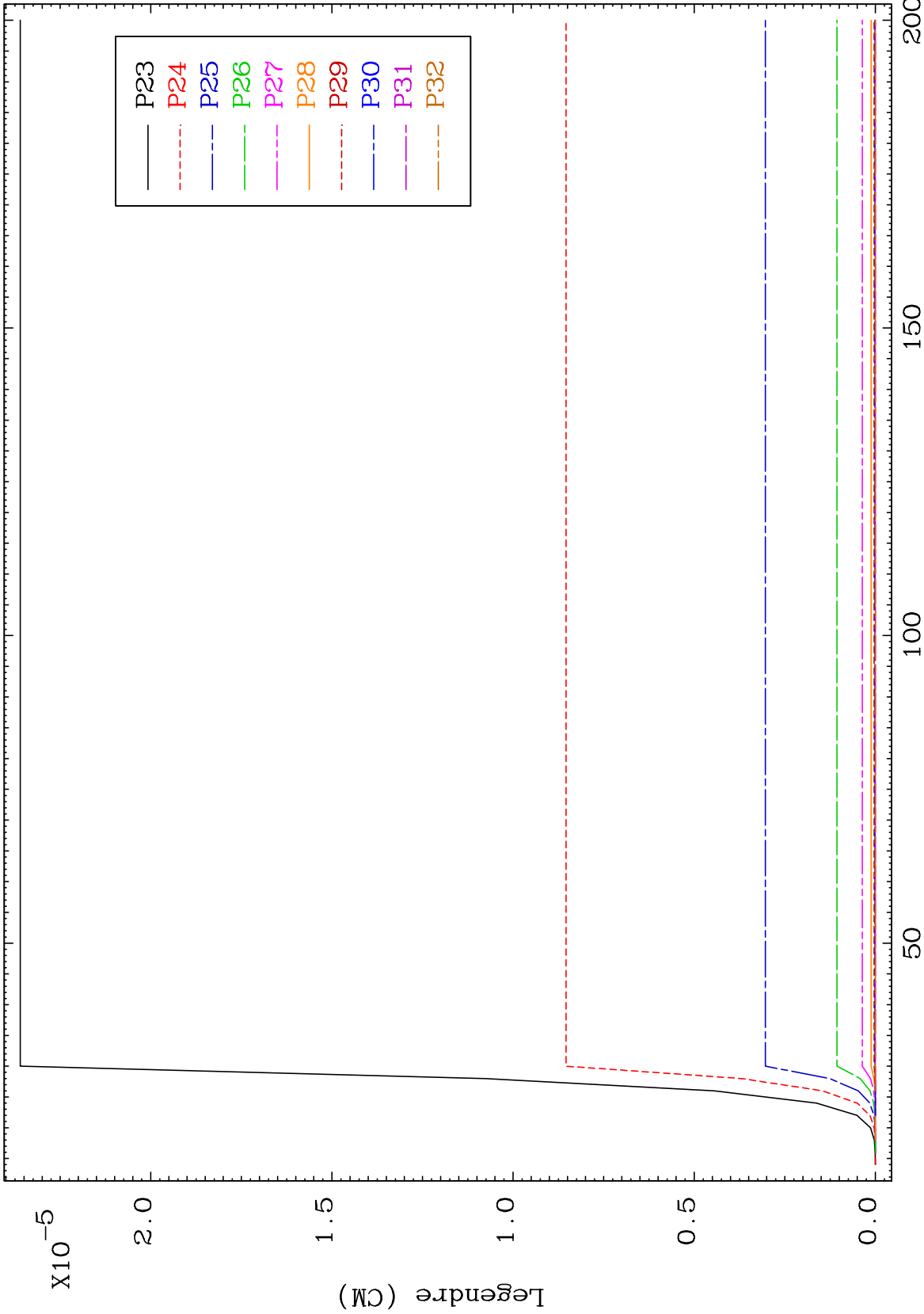




MAT 2949

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

29-Cu-71



81

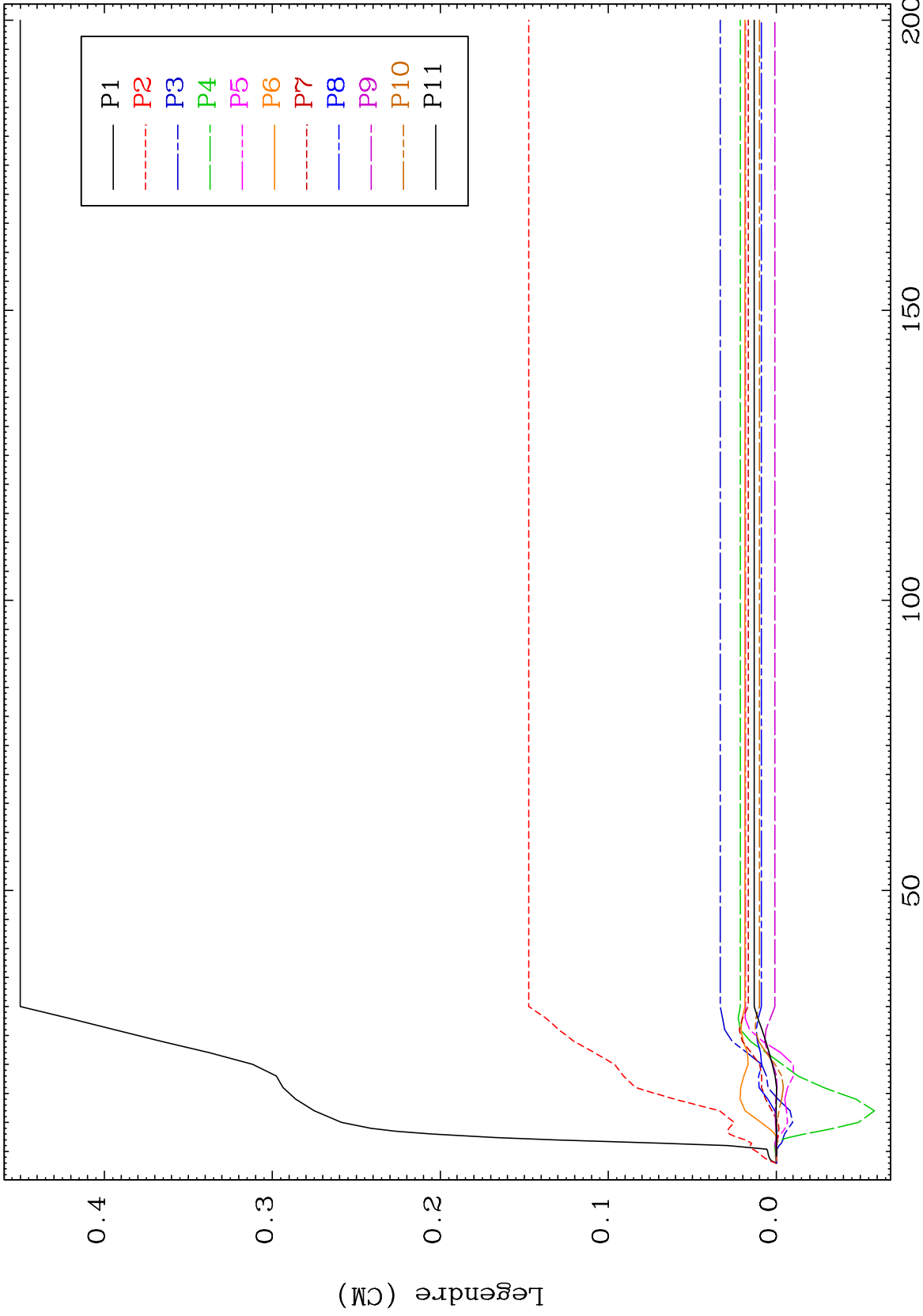
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



82

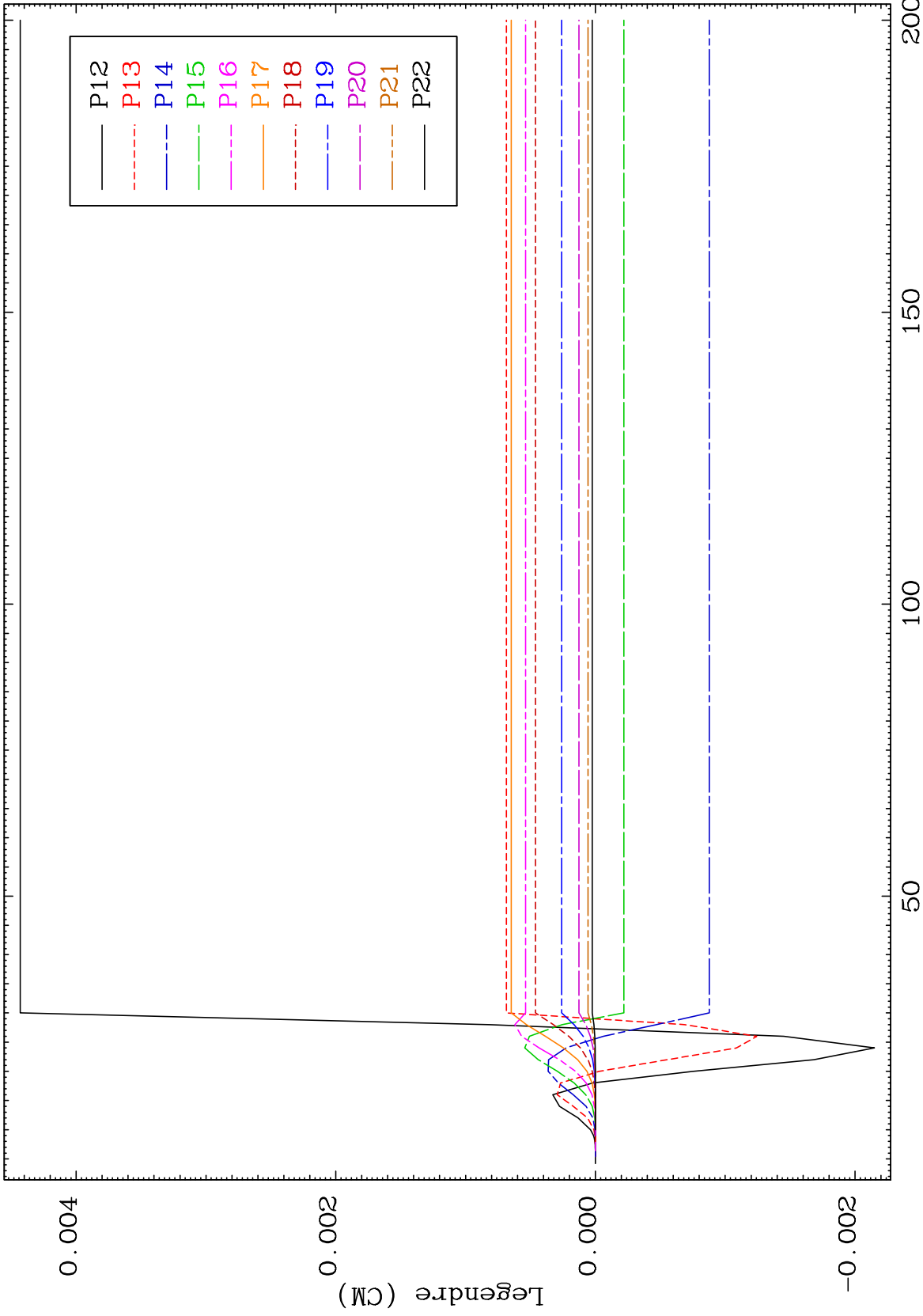
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



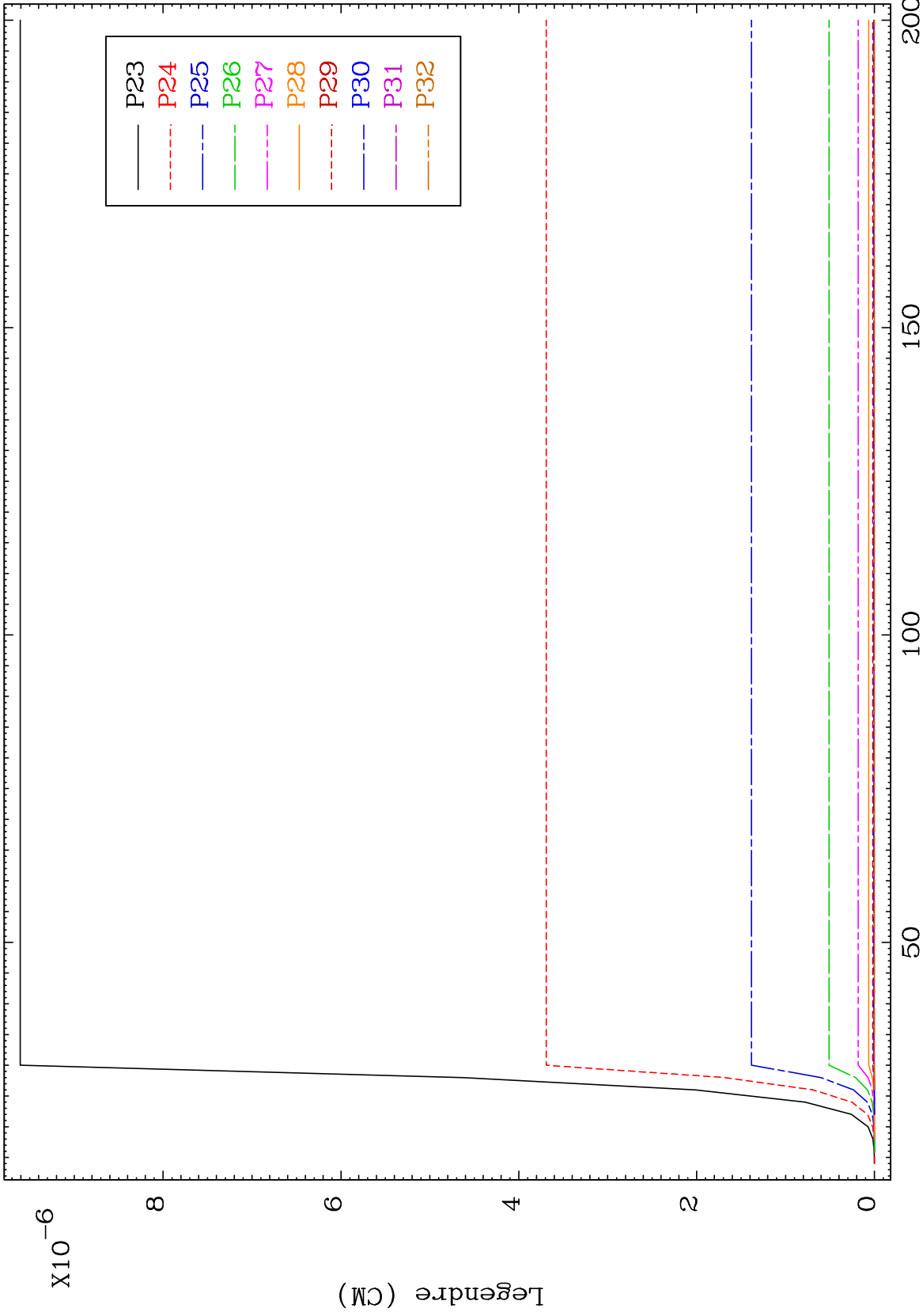
83

29-Cu-71

MAT 2949

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

29-Cu-71

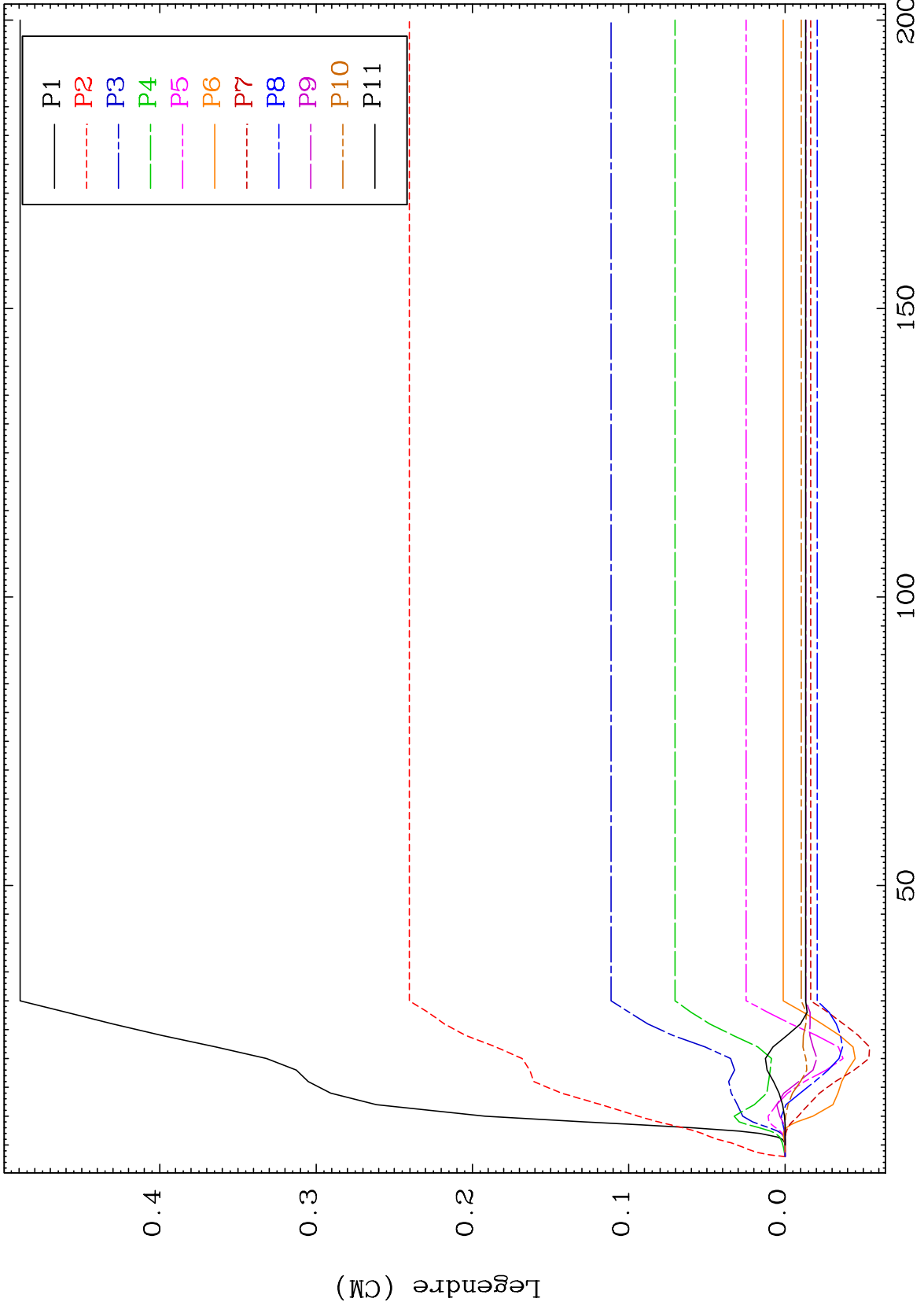


84

Incident Energy (MeV)

29-Cu-71

MAT 2949 MT= 72 (n,n') Level Legendre Coefficients 29-Cu-71

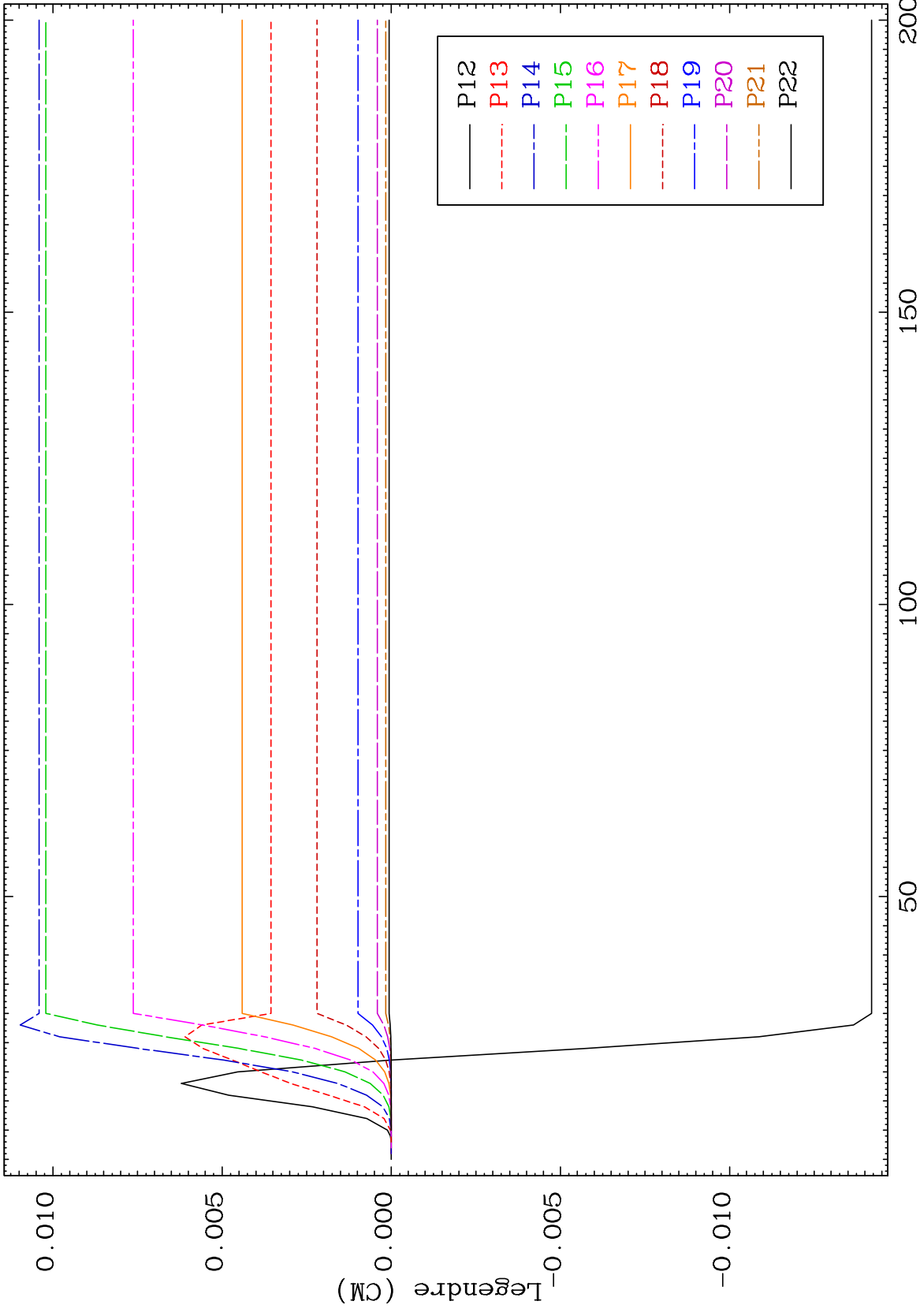


85 Incident Energy (MeV) 200 29-Cu-71

MAT 2949

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

29-Cu-71



86

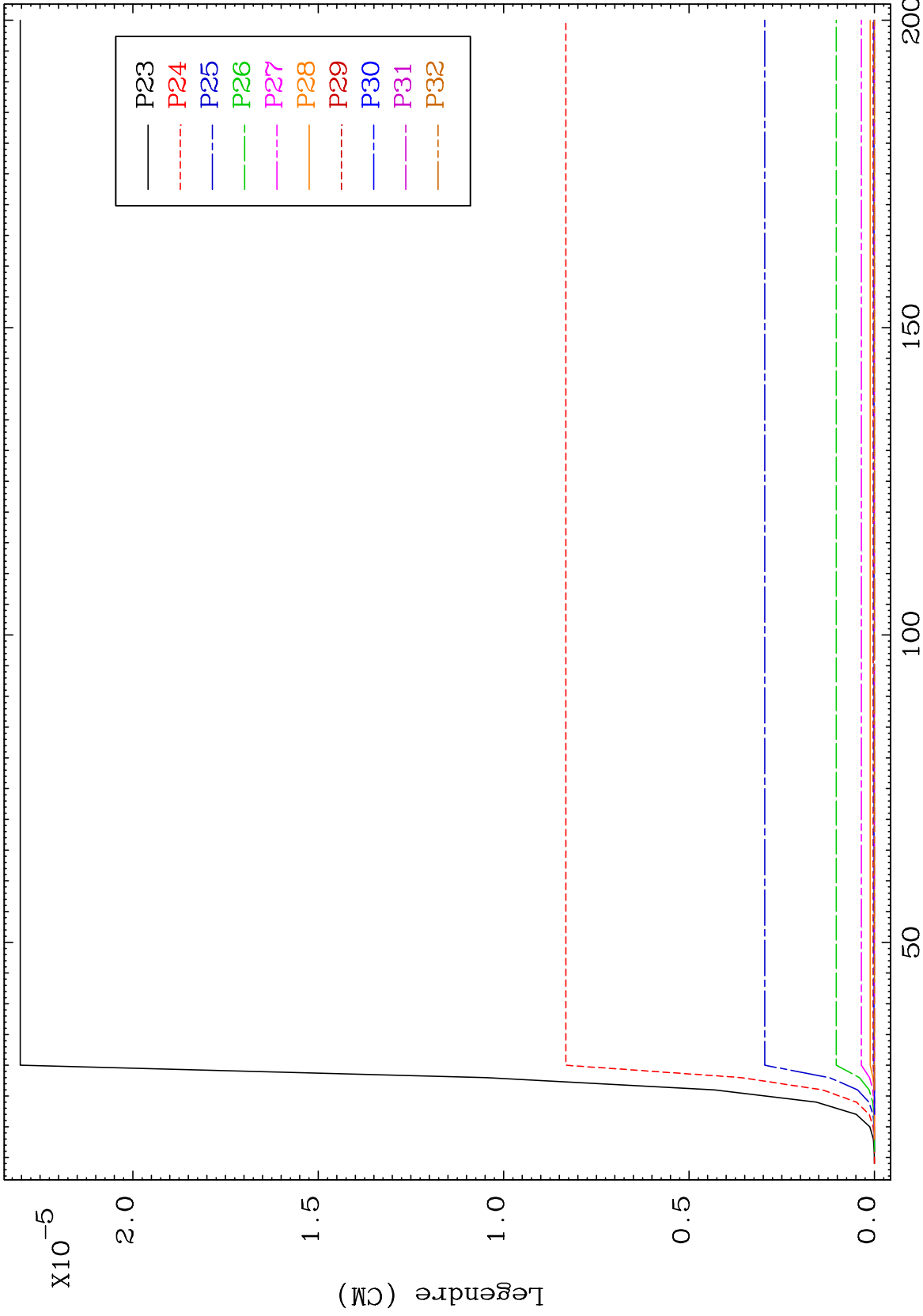
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



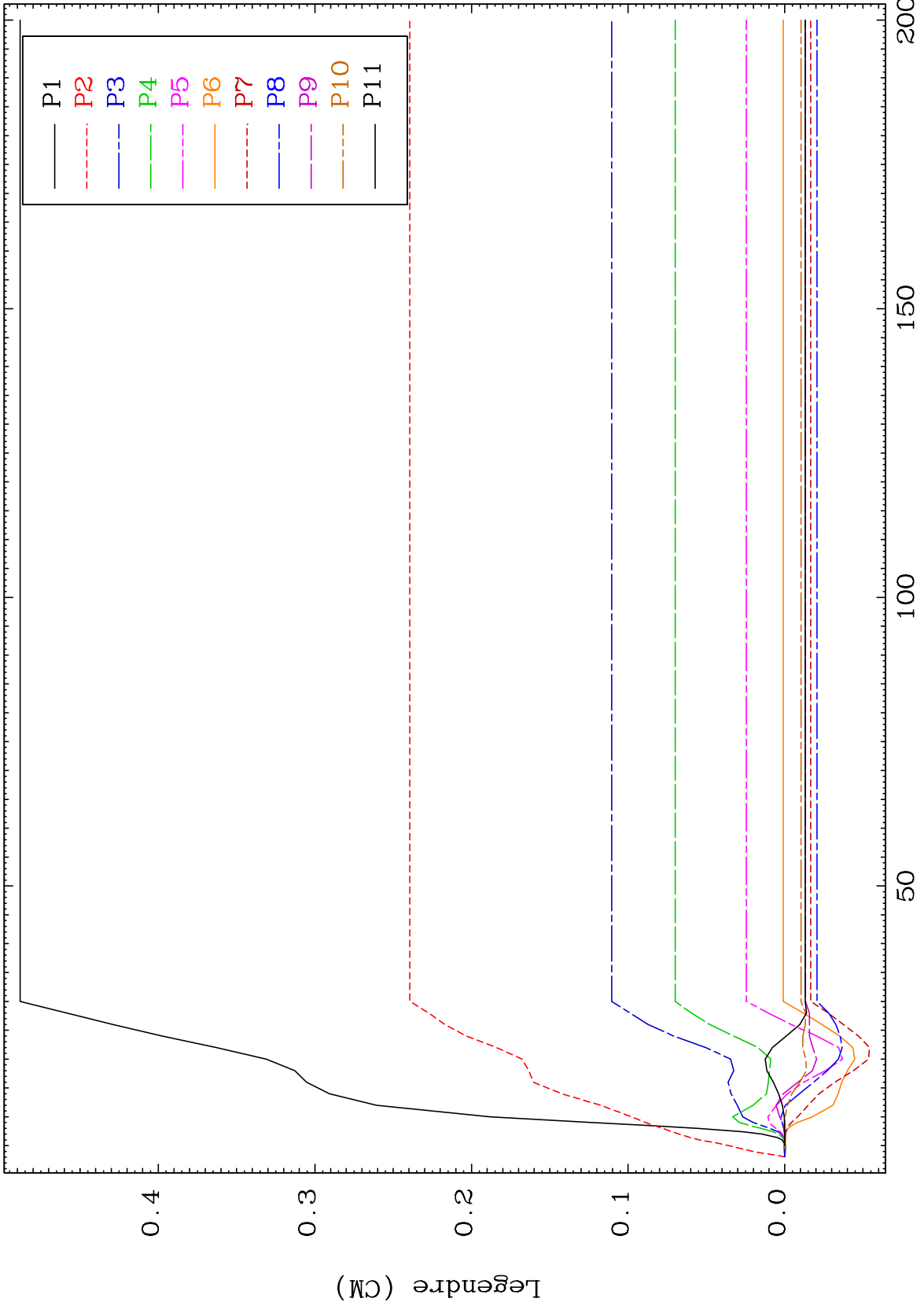
87

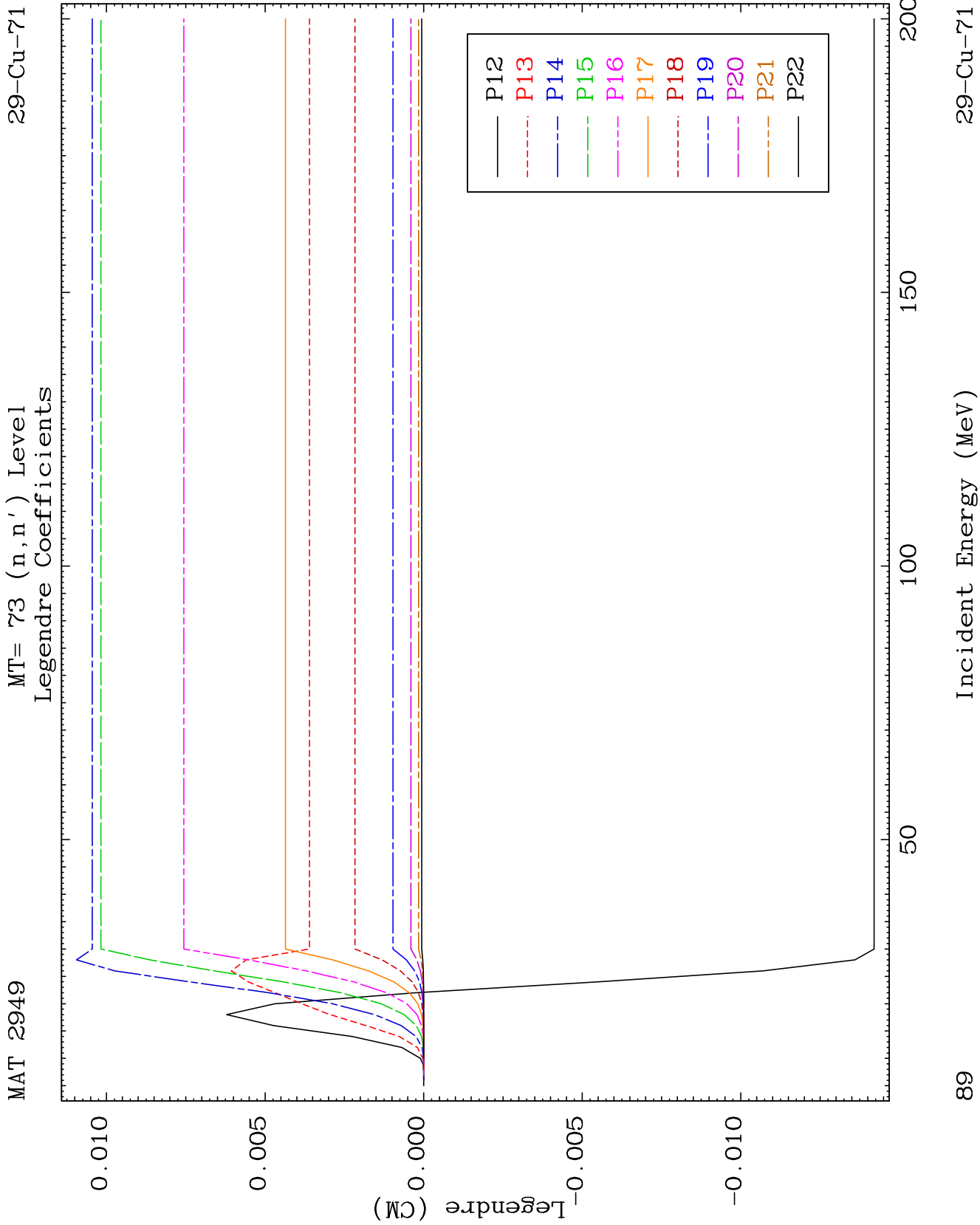
Incident Energy (MeV)

29-Cu-71



MAT 2949 MT= 73 (n,n') Level Legendre Coefficients 29-Cu-71

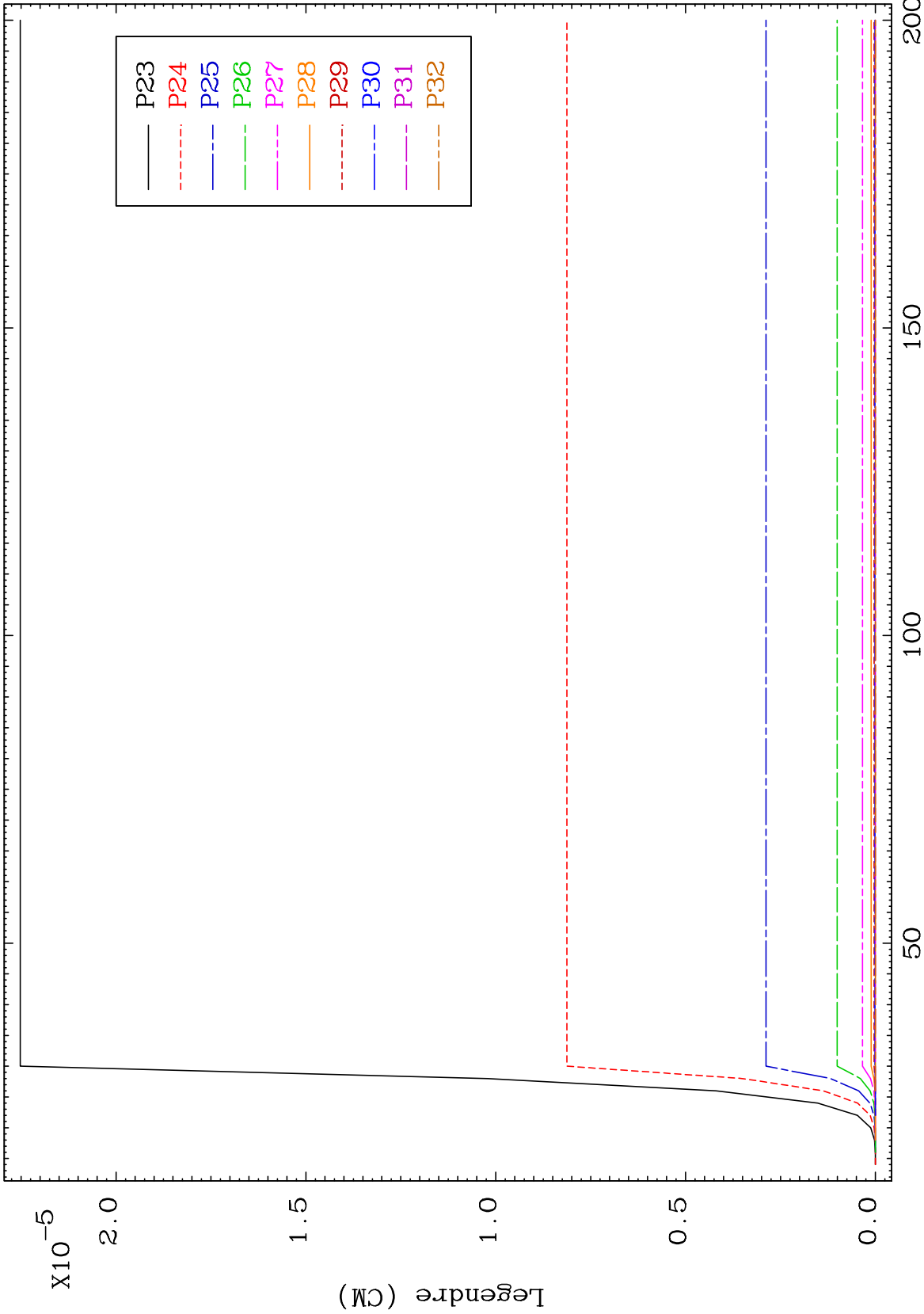




MAT 2949

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

29-Cu-71



90

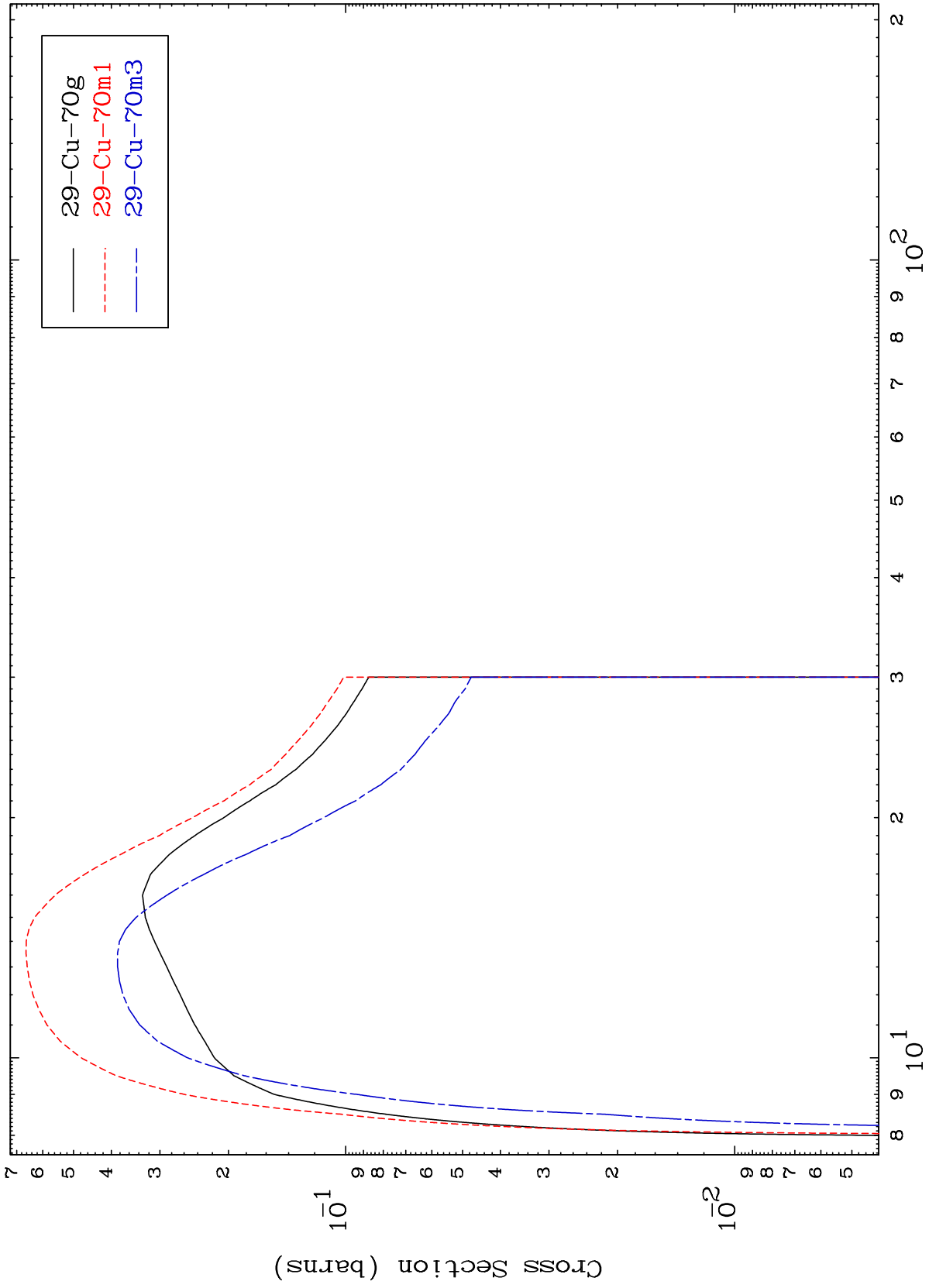
Incident Energy (MeV)

29-Cu-71

MAT 2949

<sup>29</sup>Cu-71

(n,2n)  
Radionuclide Production Cross Section



91

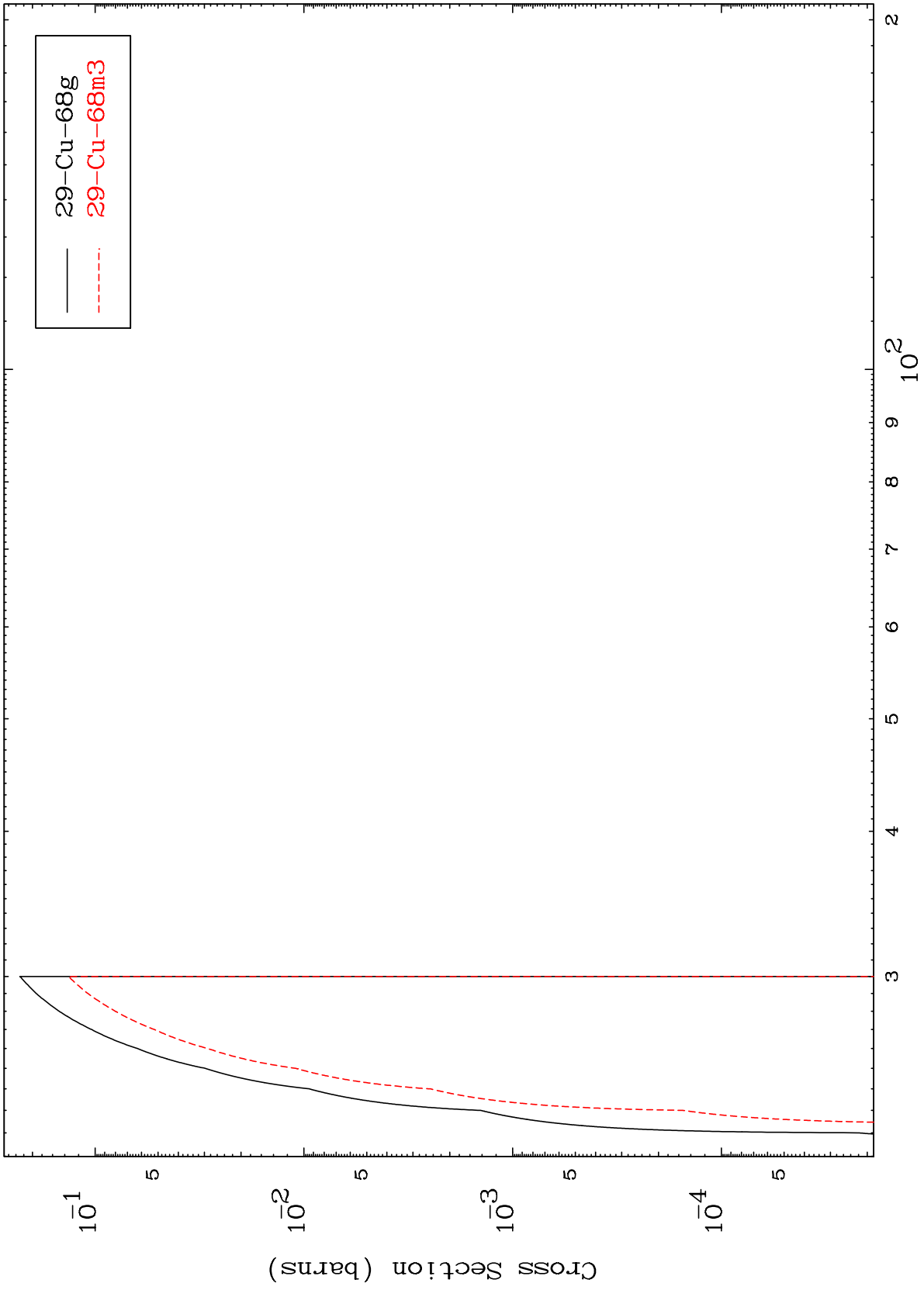
Incident Energy (MeV)

<sup>29</sup>Cu-71

MAT 2949

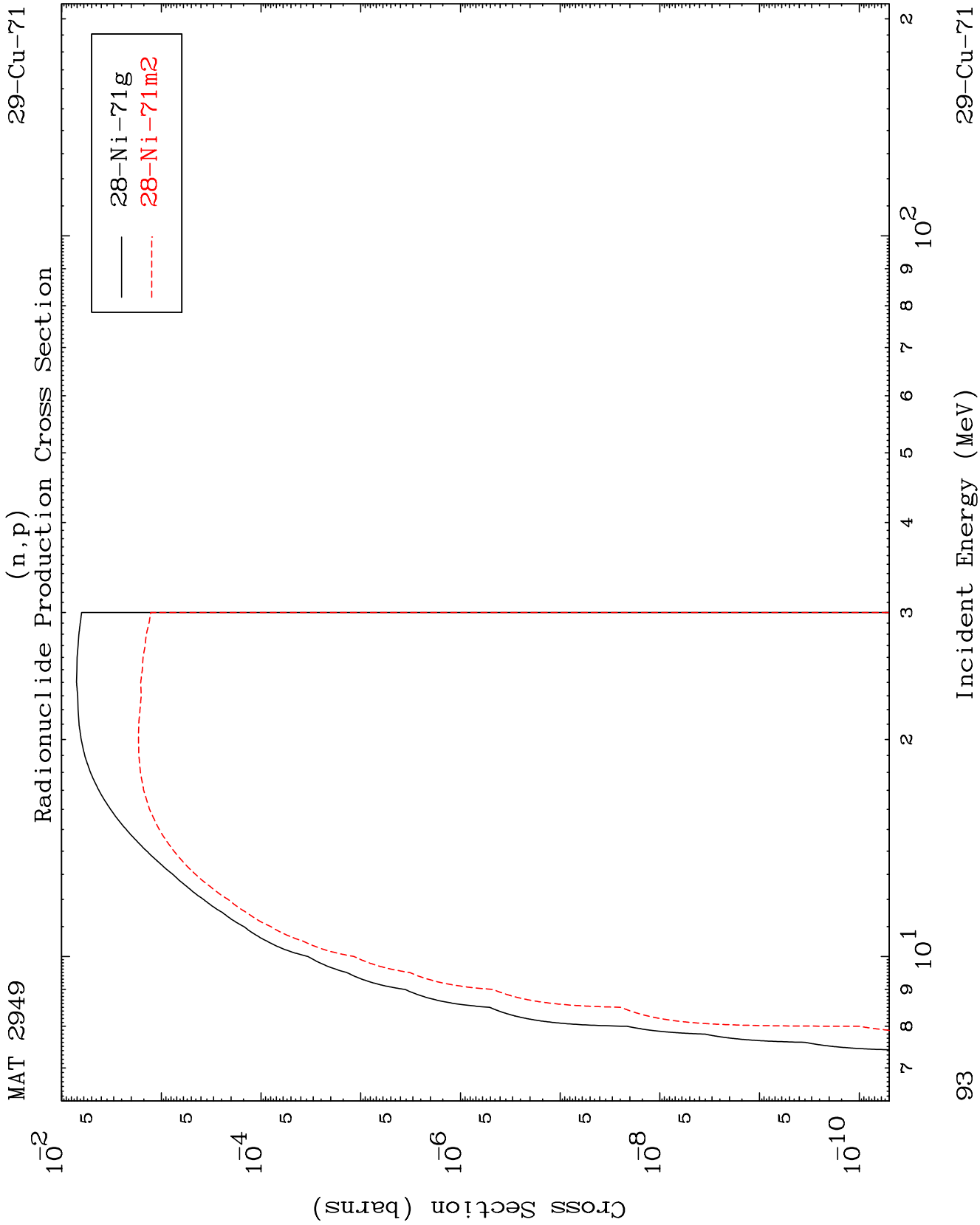
29-Cu-71

(n,4n)  
Radionuclide Production Cross Section



92

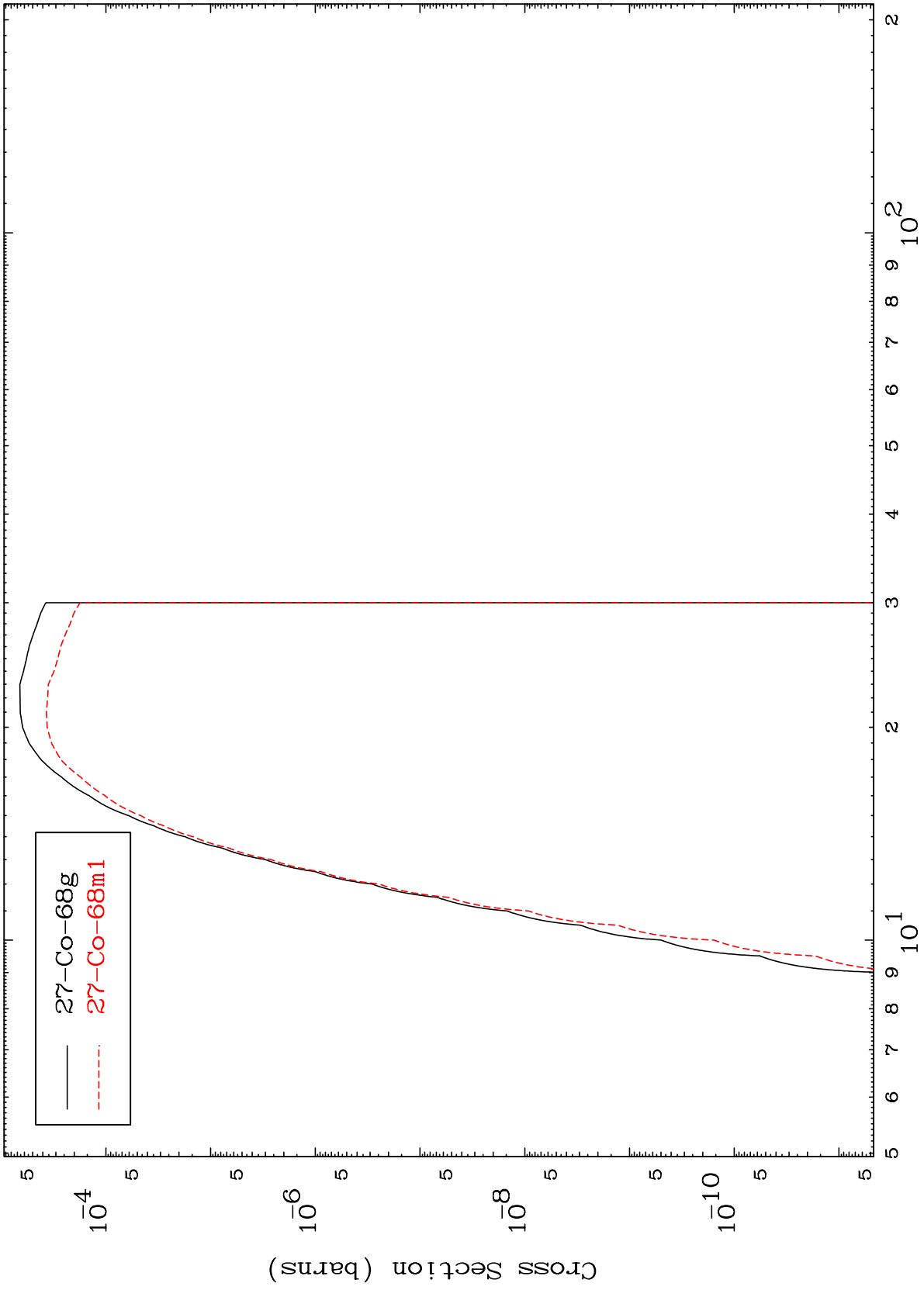
29-Cu-71



MAT 2949

<sup>29</sup>Cu-71

Radionuclide Production Cross Section



94

Incident Energy (MeV)

<sup>29</sup>Cu-71