

Program EVALPLOT  
(Version 2017-1)

by

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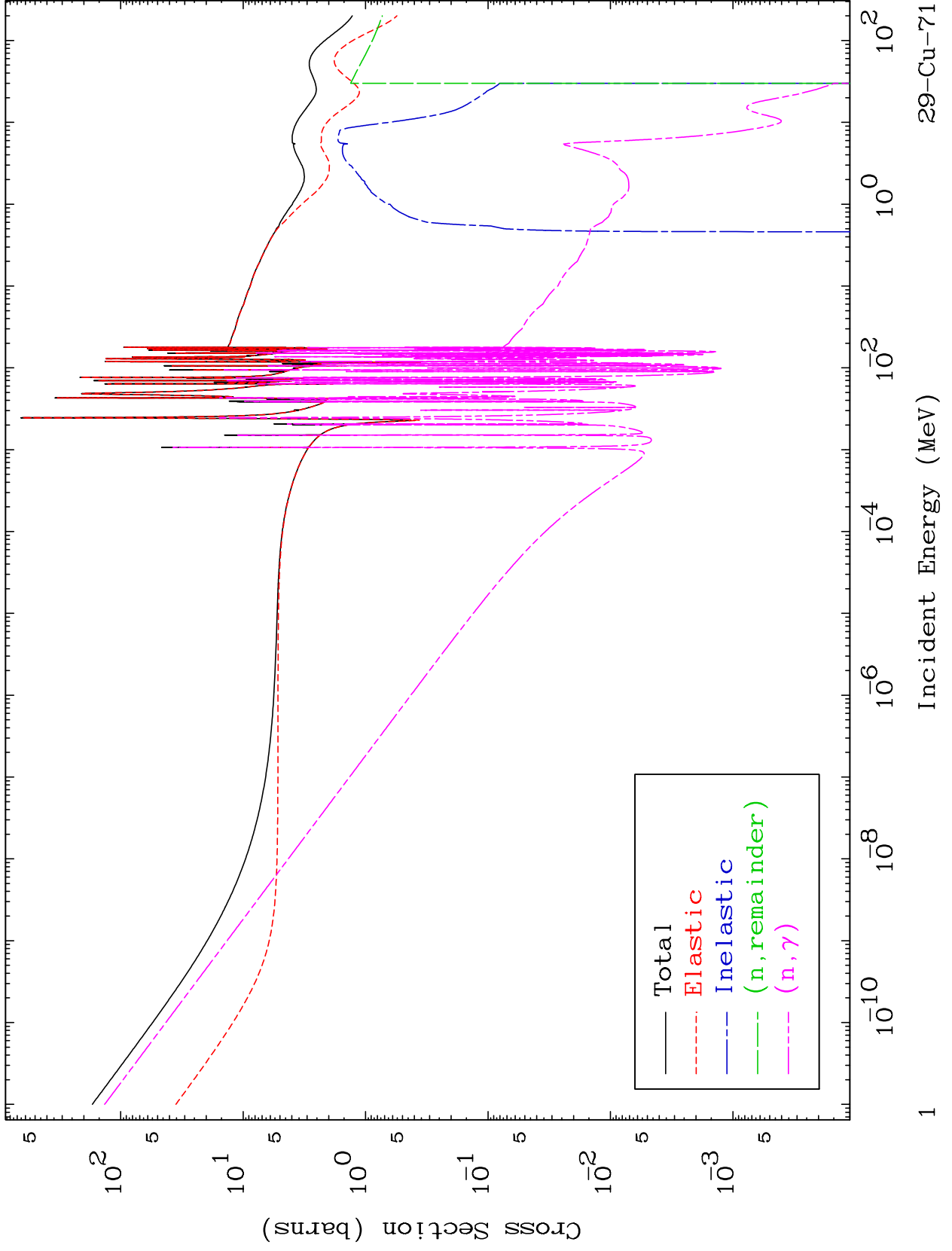
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Press Mouse Button to Start

MAT 2949

Major  
293 Kelvin Cross Sections

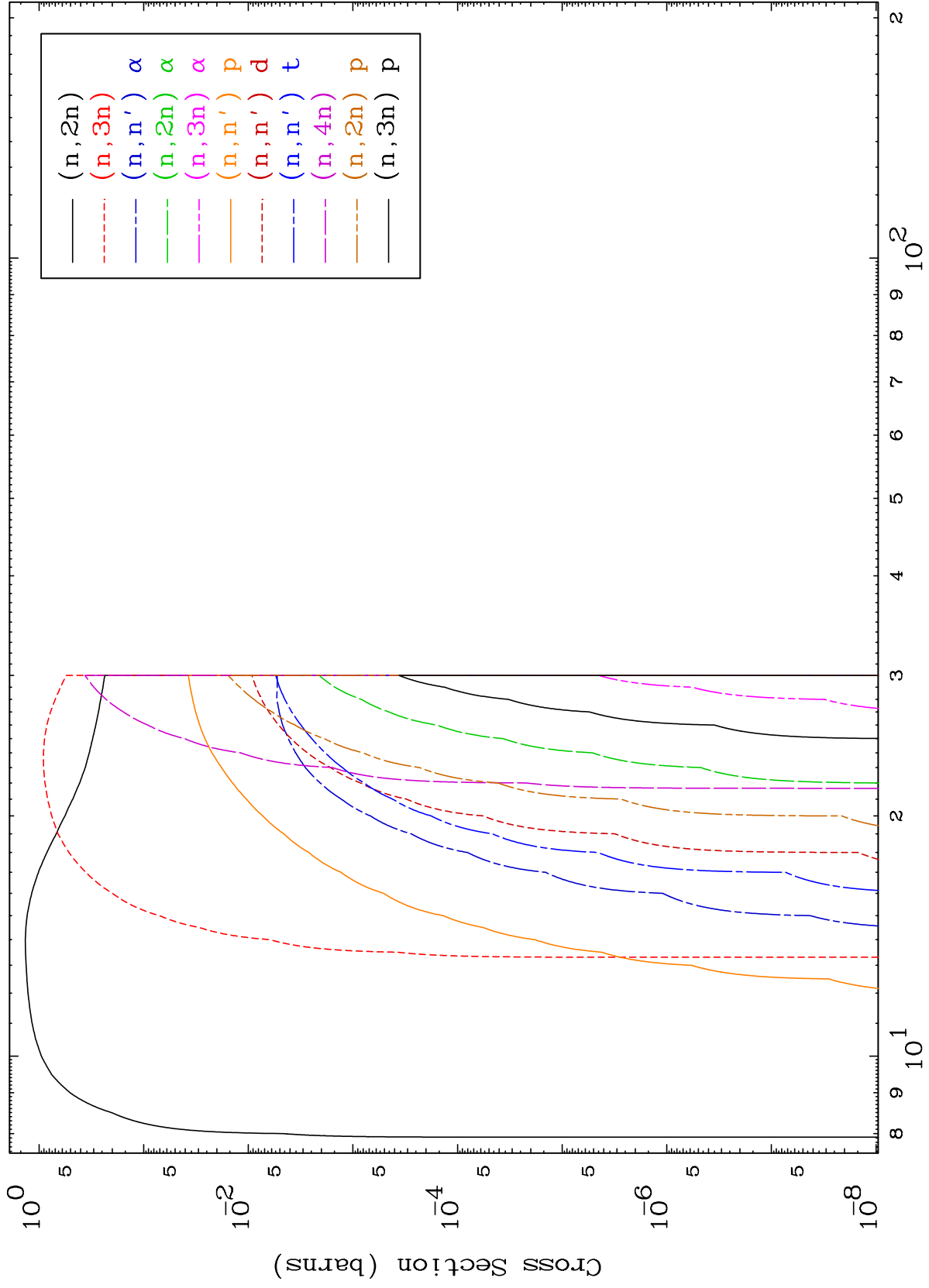
29-Cu-71



MAT 2949

Neutron Production  
293 Kelvin Cross Sections

29-Cu-71



2

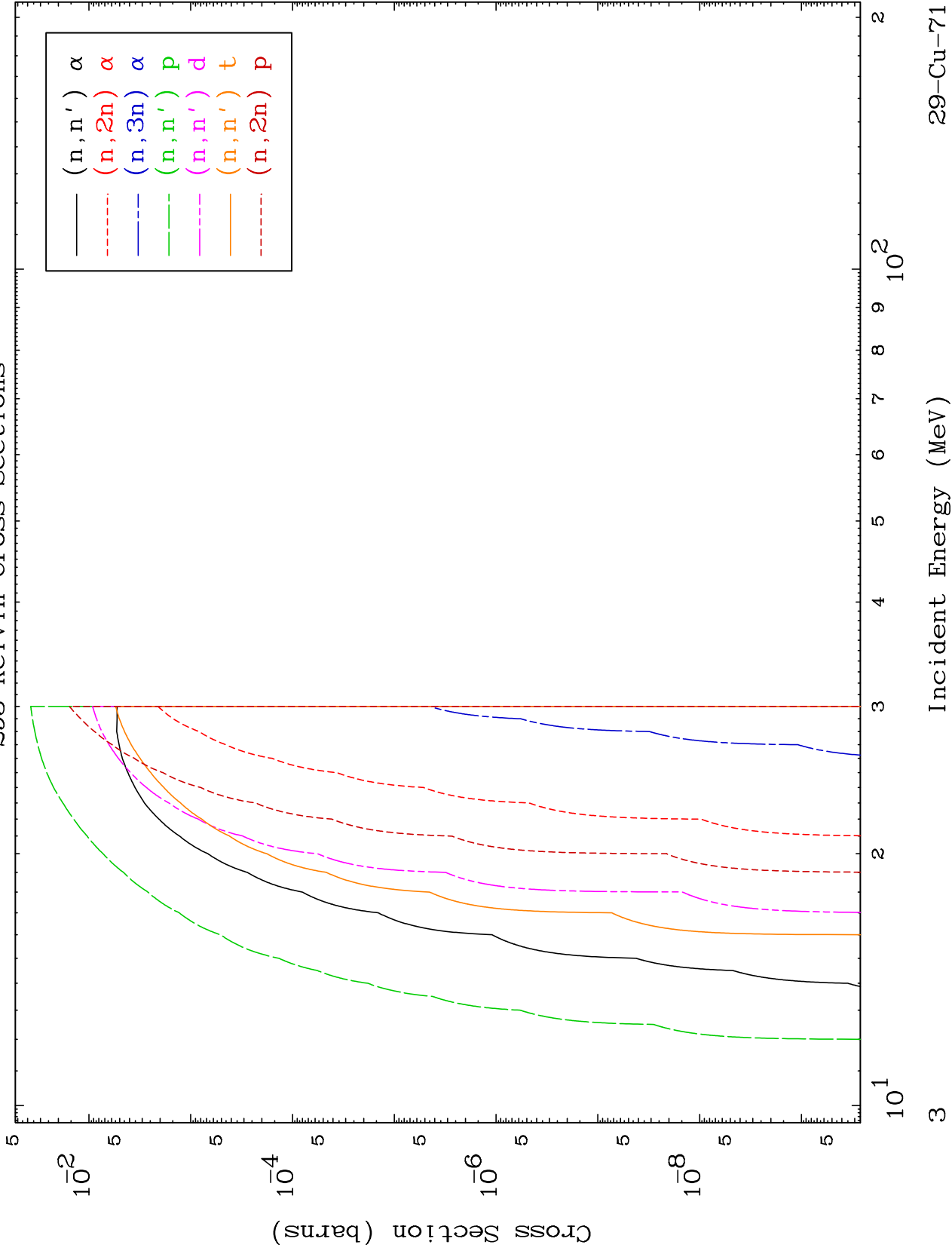
Incident Energy (MeV)

29-Cu-71

MAT 2949

Charged Particle  
293 Kelvin Cross Sections

29-Cu-71



29-Cu-71

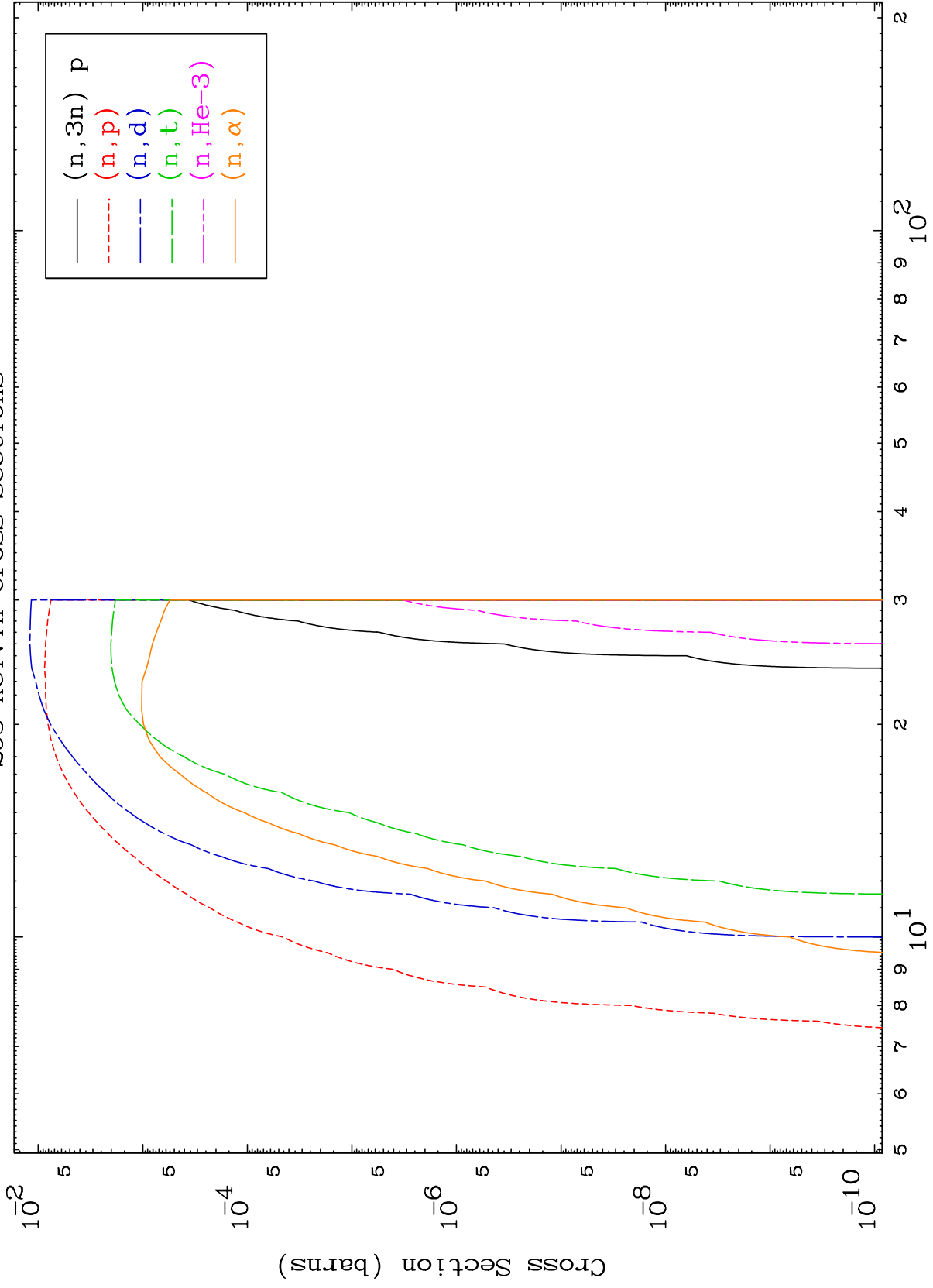
Incident Energy (MeV)

3

MAT 2949

Charged Particle  
293 Kelvin Cross Sections

29-Cu-71



4

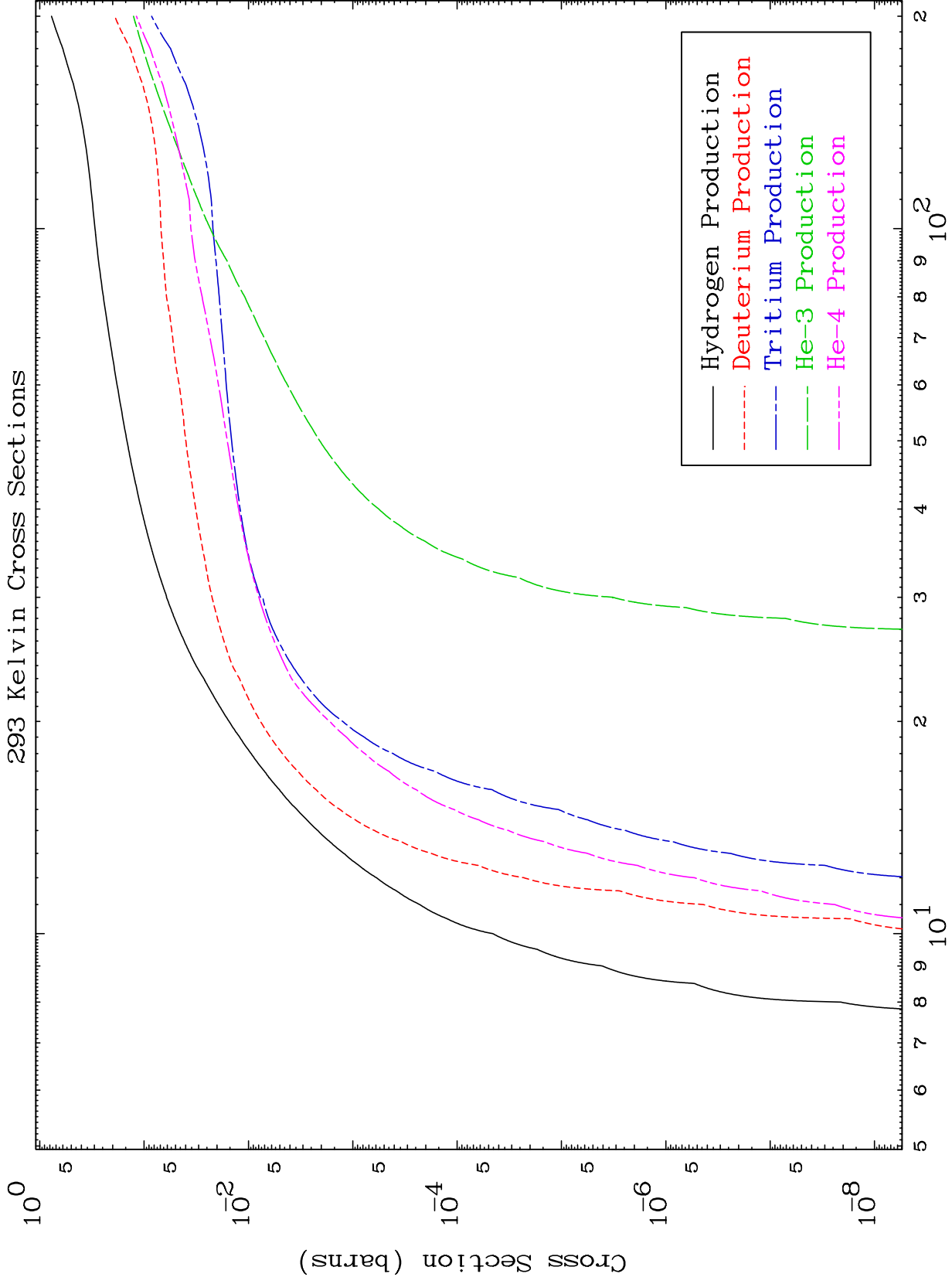
Incident Energy (MeV)

29-Cu-71

MAT 2949

Particle Production  
293 Kelvin Cross Sections

29-Cu-71



5

Incident Energy (MeV)

29-Cu-71

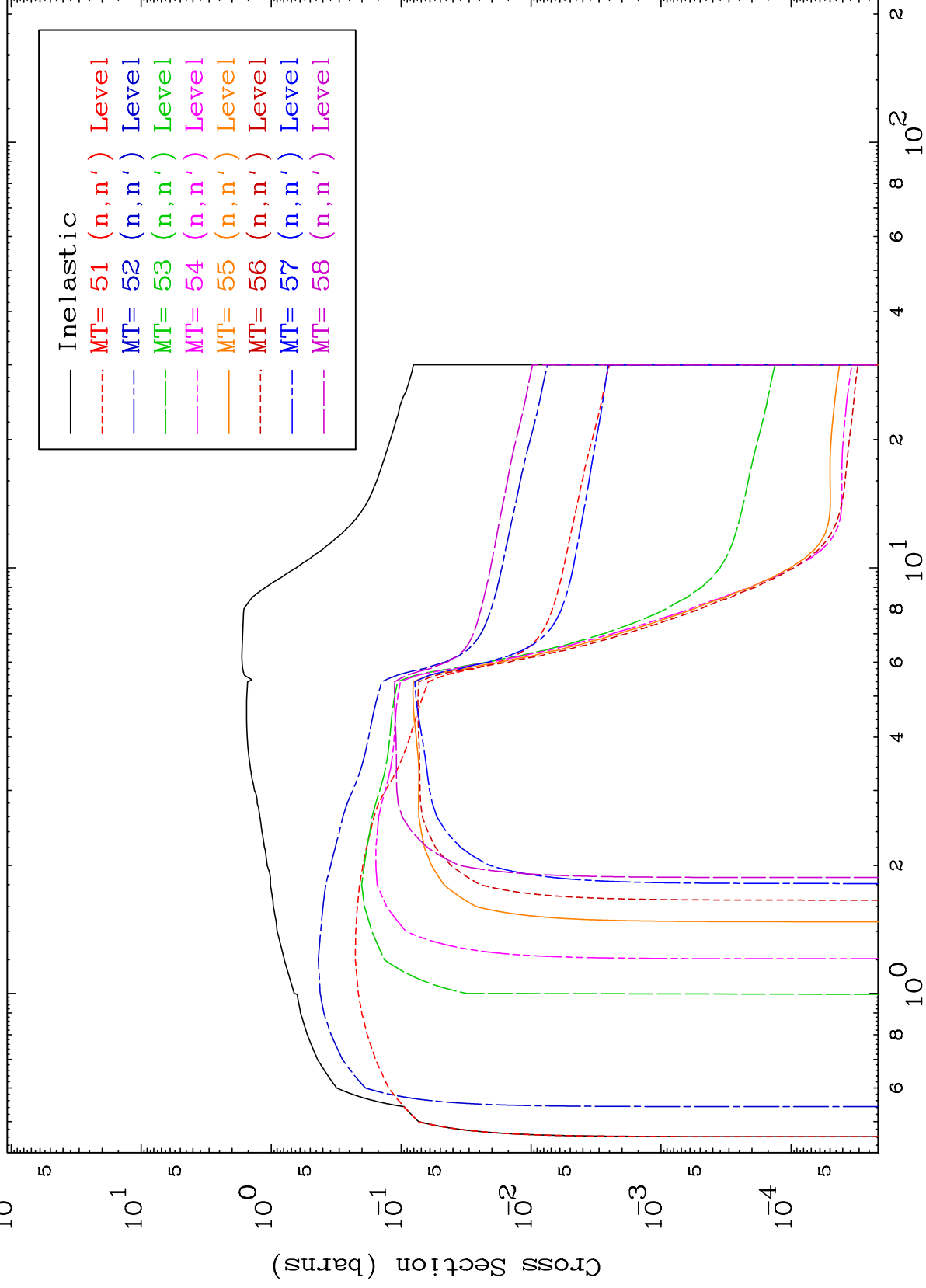
MAT 2949

(n,n') Level

29-Cu-71

293 Kelvin Cross Sections

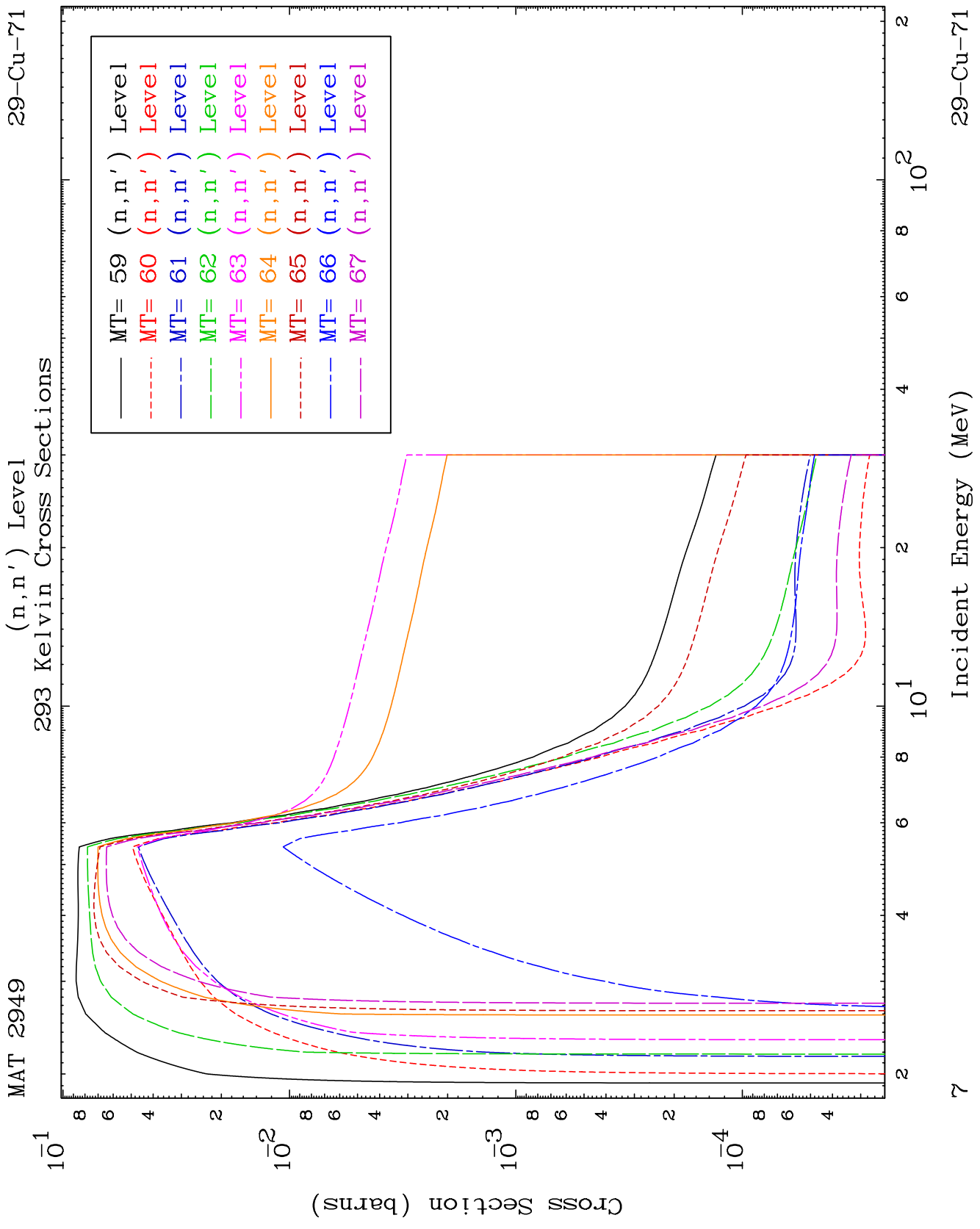
29-Cu-71



6

Incident Energy (MeV)

29-Cu-71



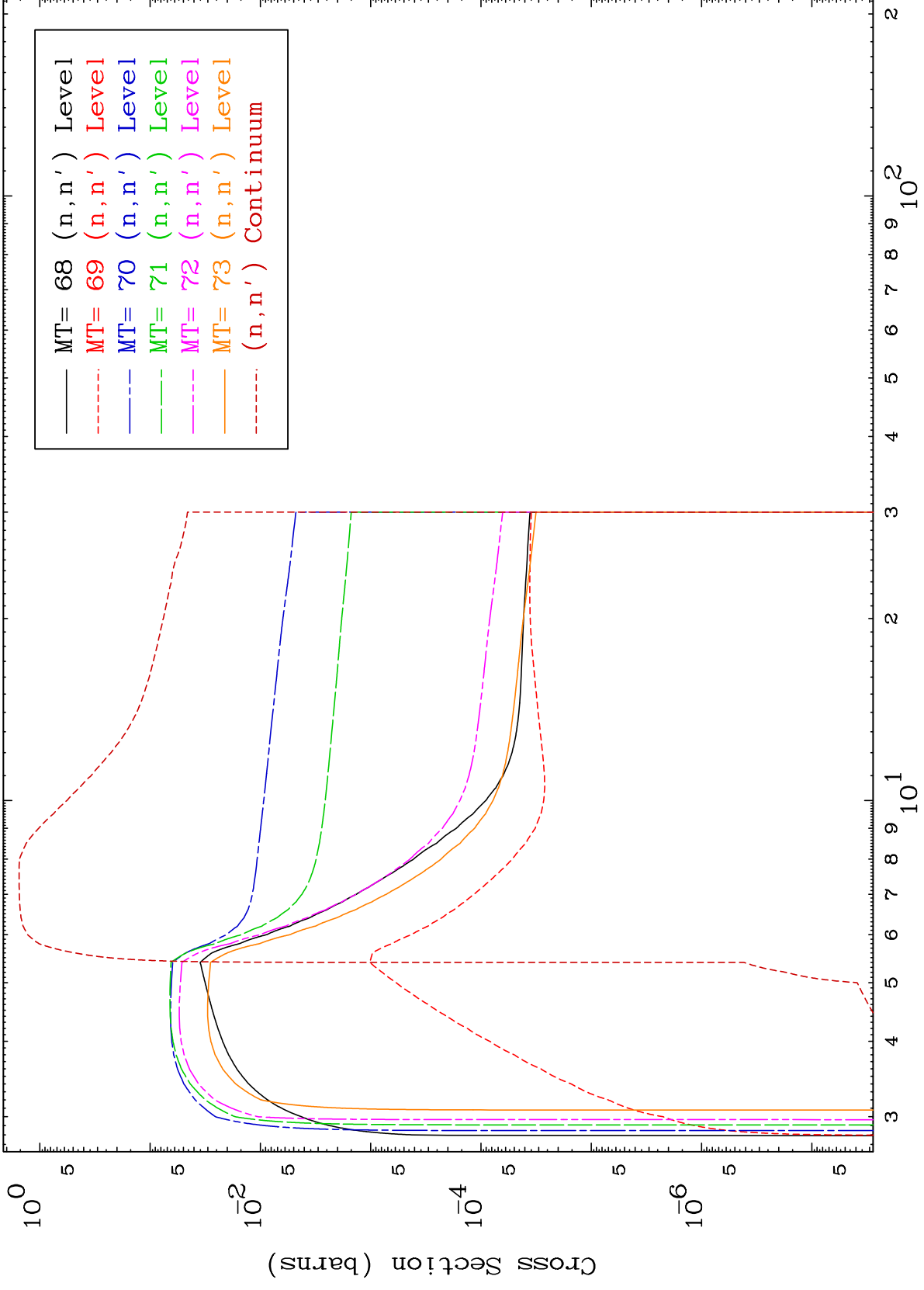


MAT 2949

(n,n') Level

29-Cu-71

293 Kelvin Cross Sections



8

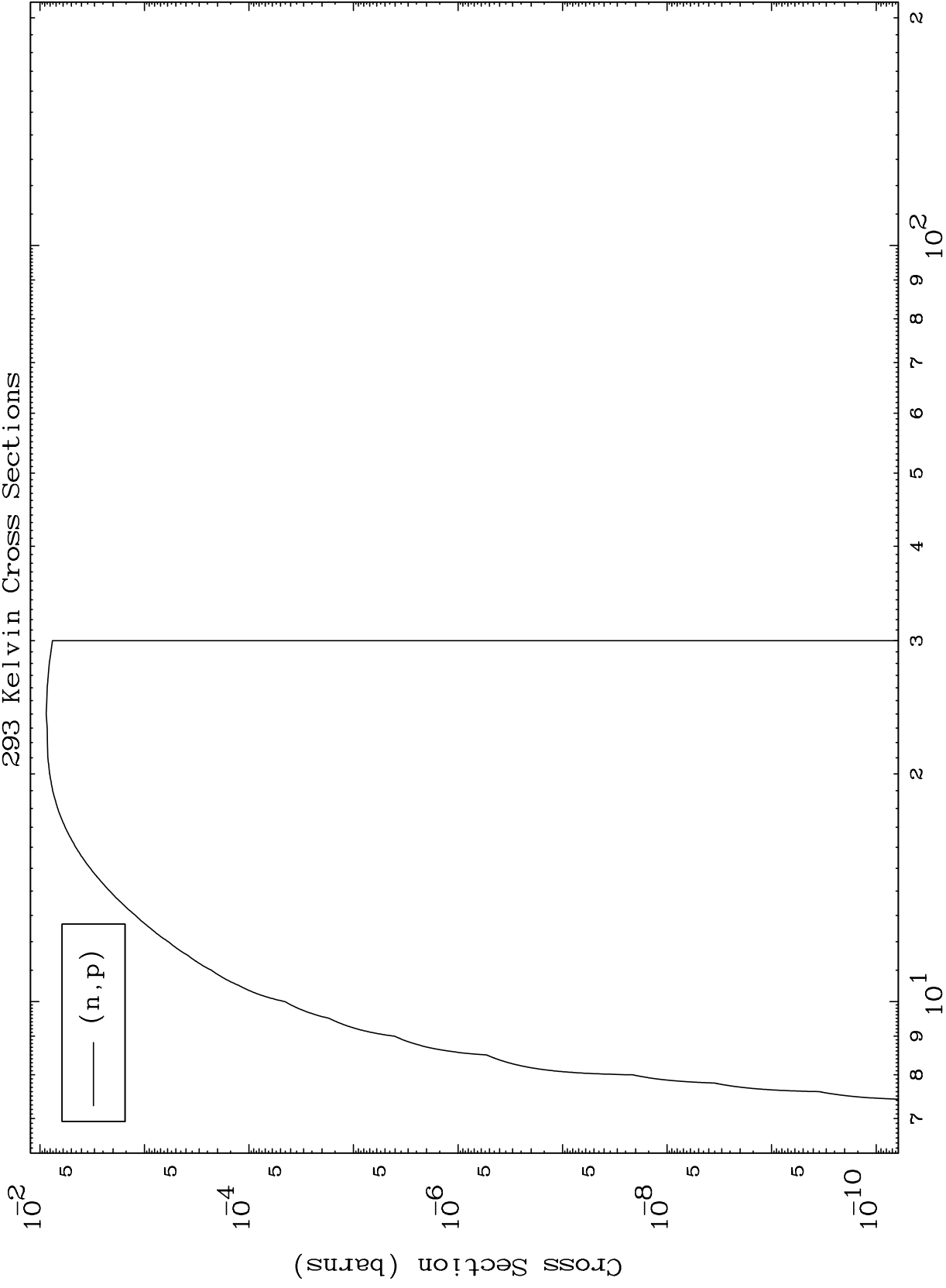
Incident Energy (MeV)

29-Cu-71

MAT 2949

(n,p) Levels  
293 Kelvin Cross Sections

29-Cu-71



9

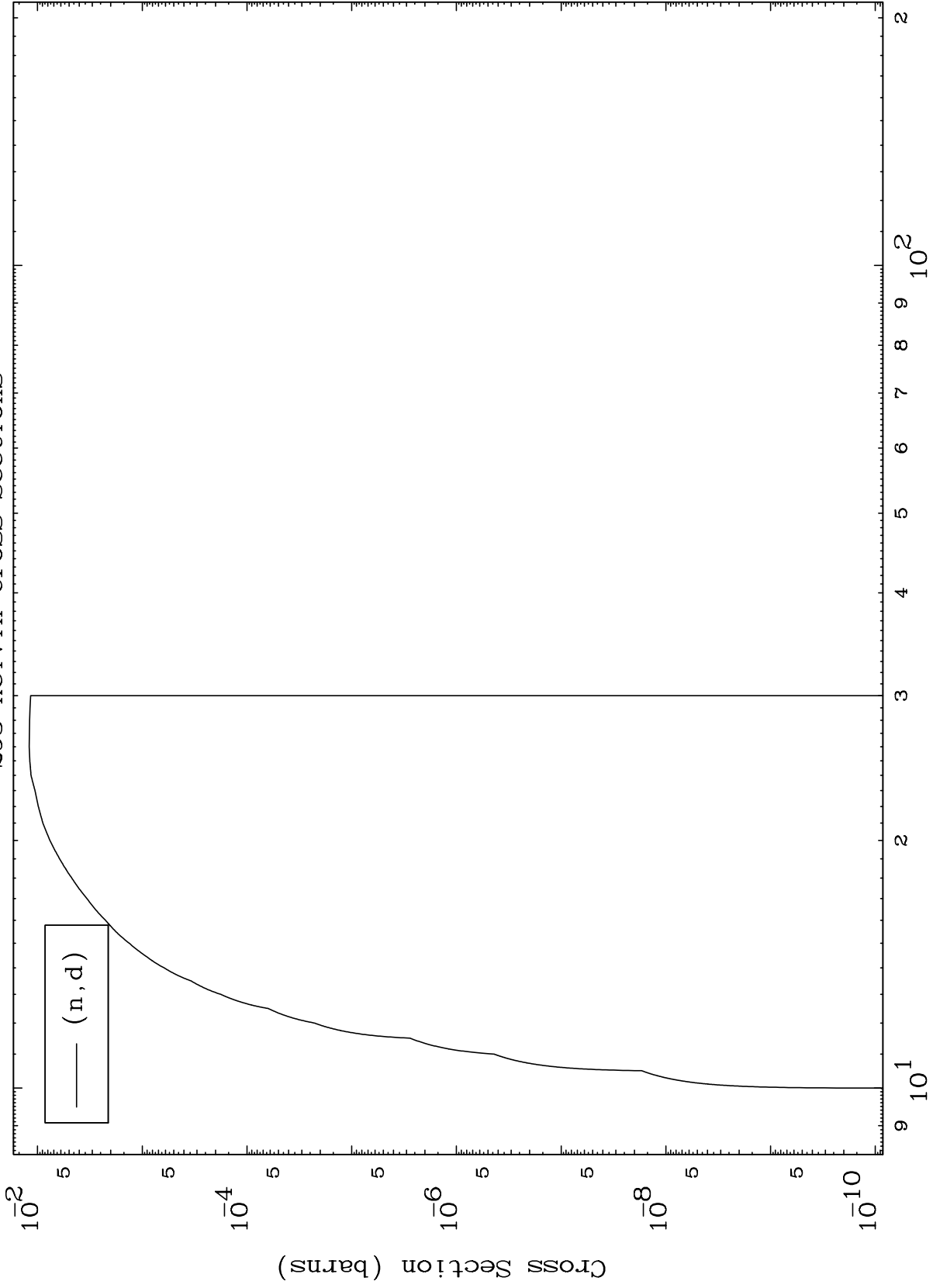
Incident Energy (MeV)

29-Cu-71

MAT 2949

(n,d) Levels  
293 Kelvin Cross Sections

29-Cu-71



10

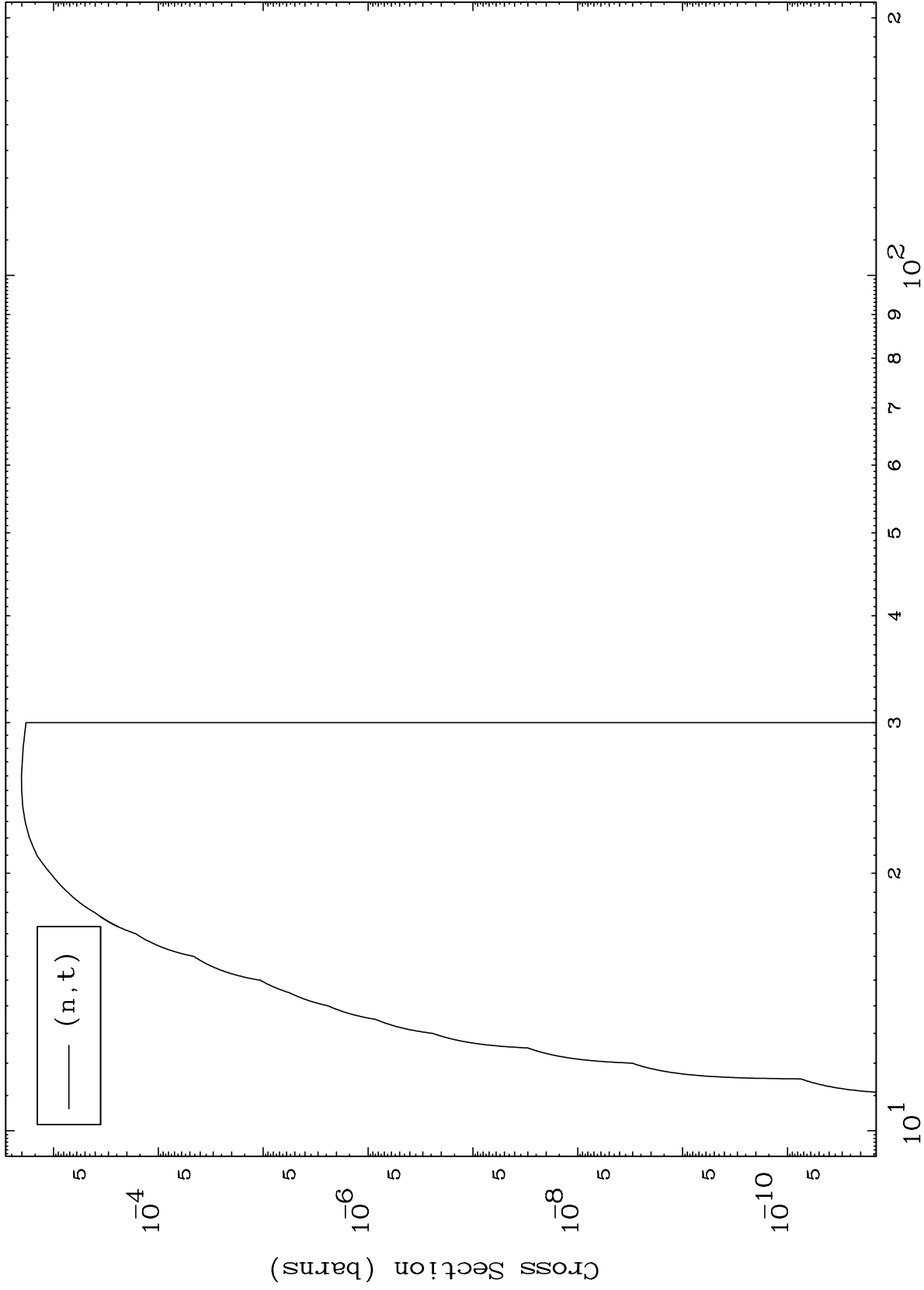
Incident Energy (MeV)

29-Cu-71

MAT 2949

(n,t) Levels  
293 Kelvin Cross Sections

29-Cu-71



11

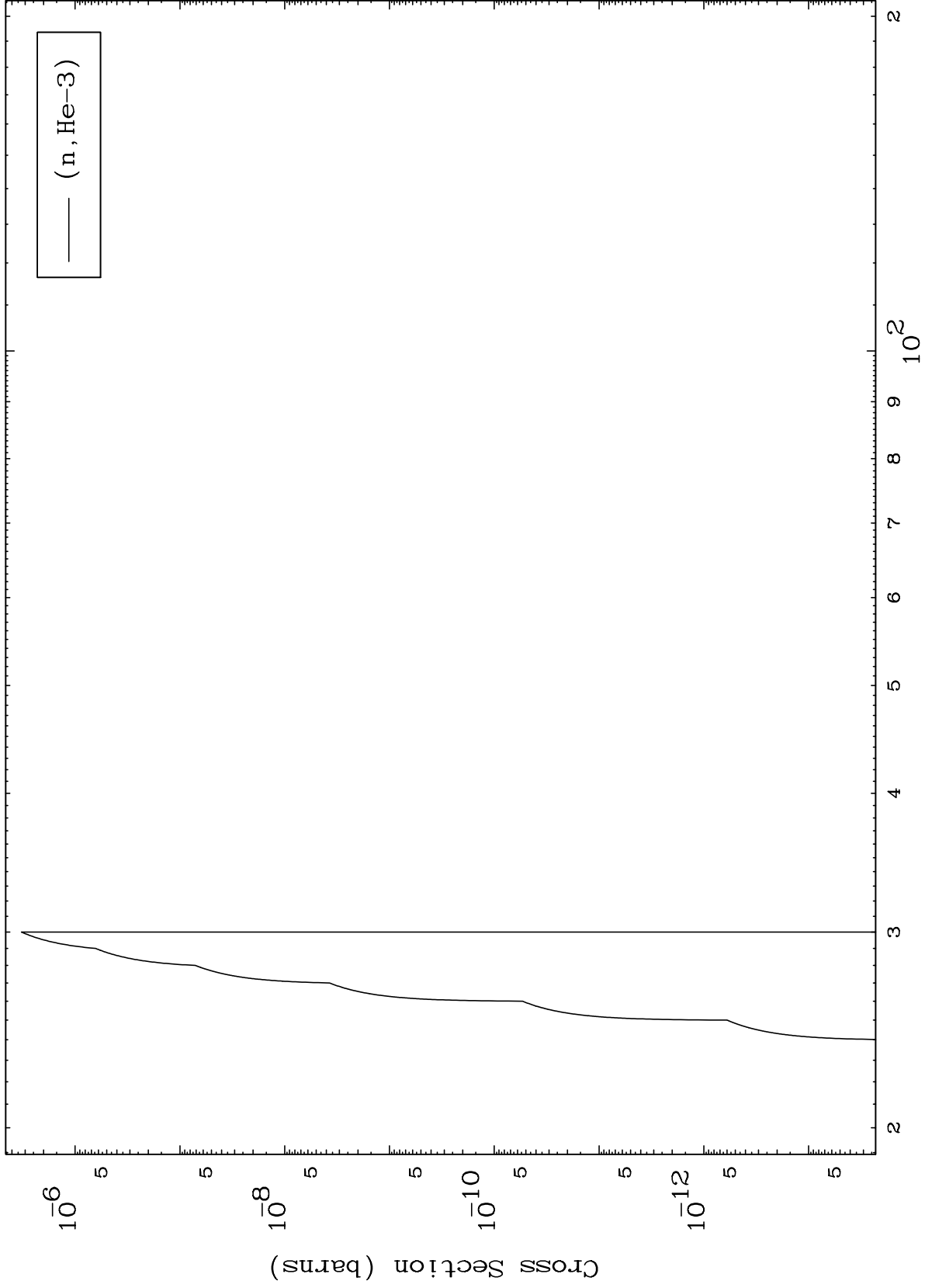
Incident Energy (MeV)

29-Cu-71

MAT 2949

(n,He3) Levels  
293 Kelvin Cross Sections

29-Cu-71



12

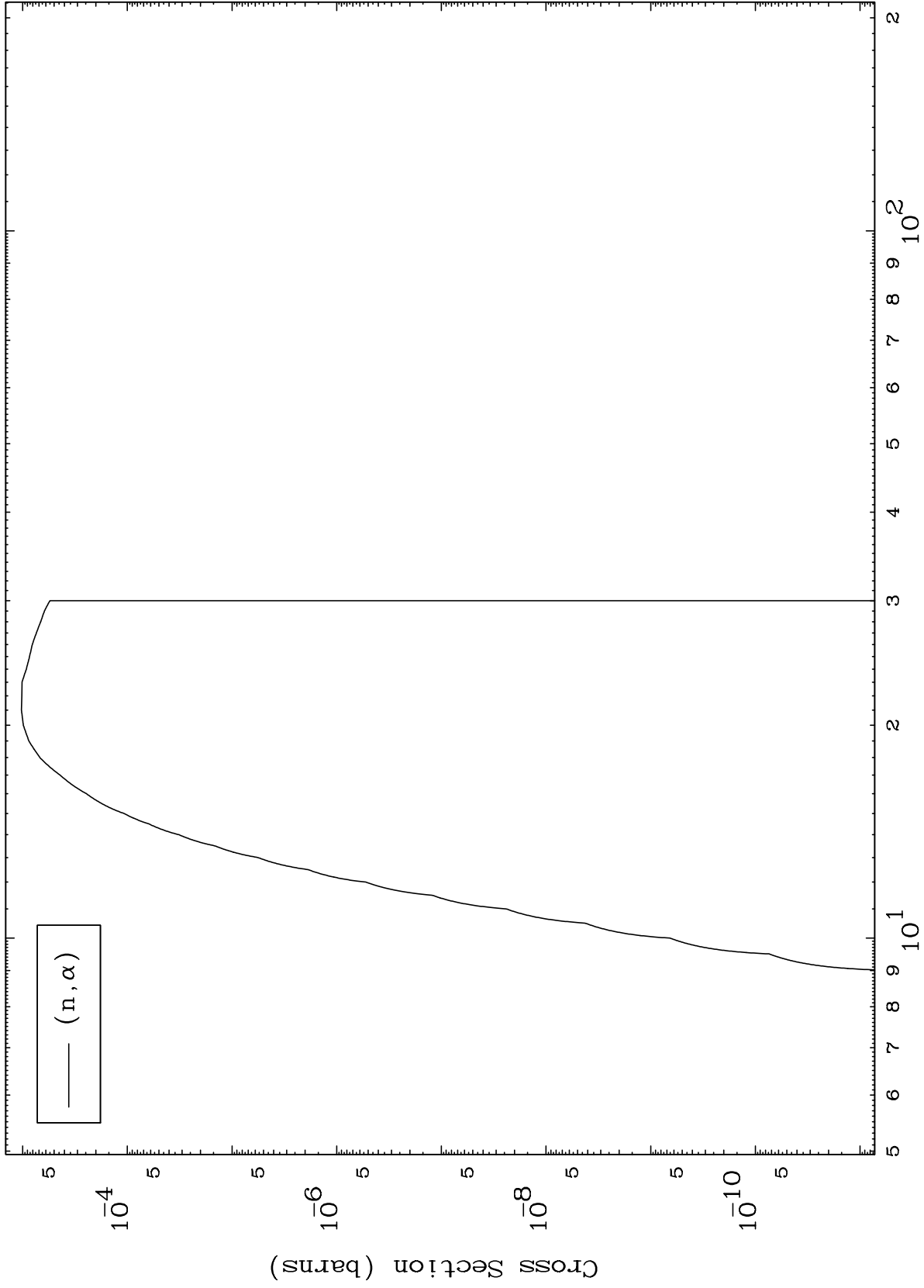
Incident Energy (MeV)

29-Cu-71

MAT 2949

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

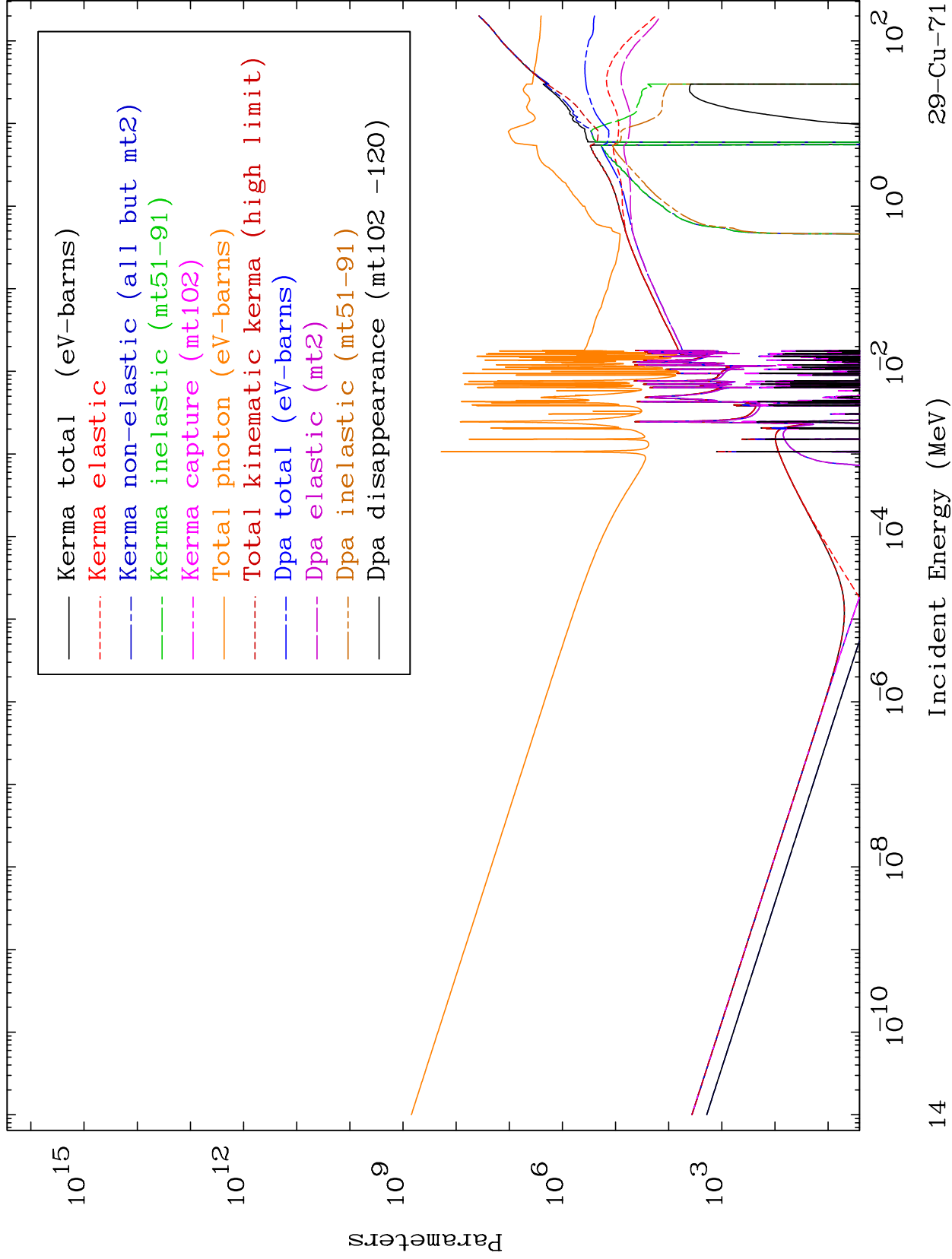
29-Cu-71



13

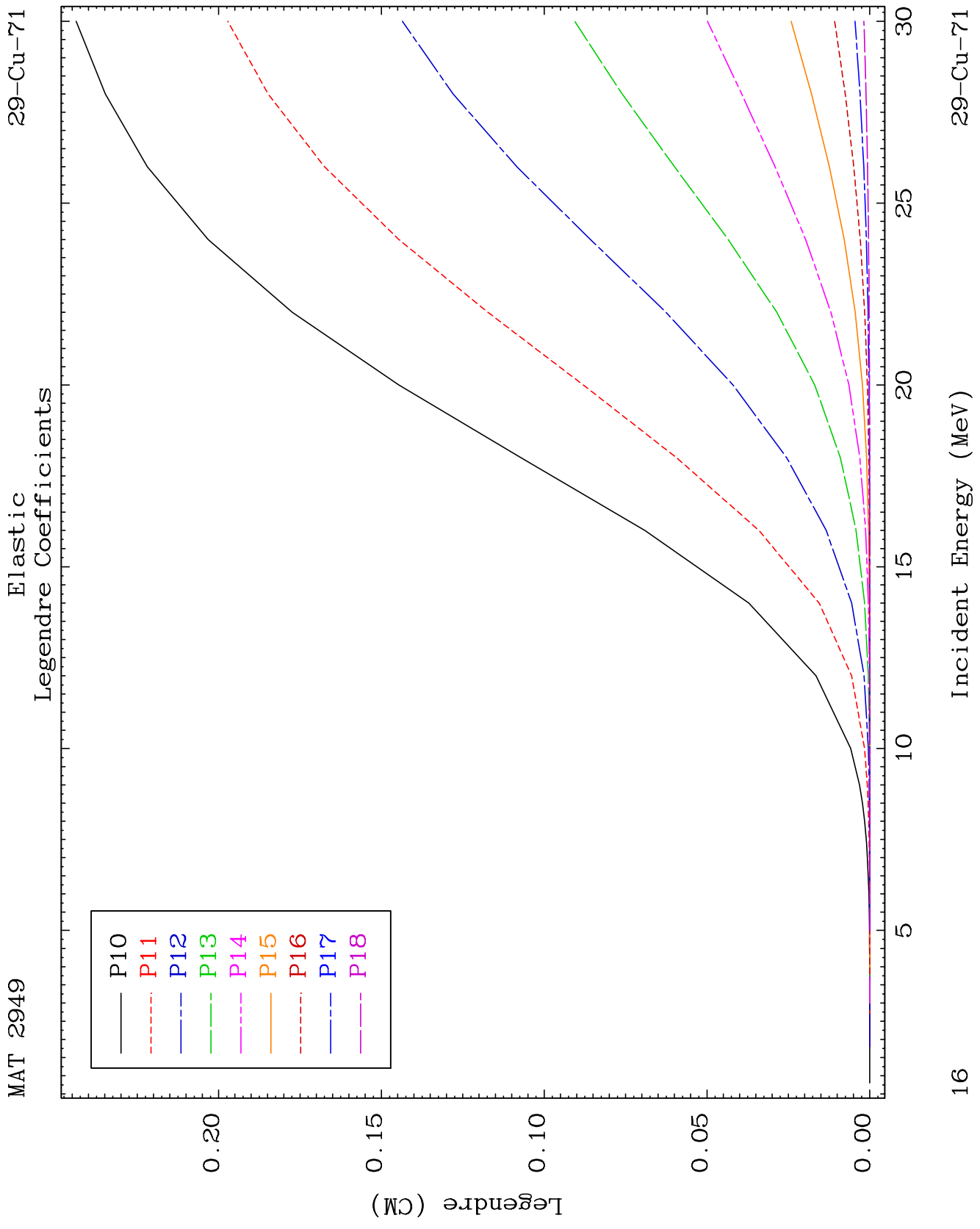
Incident Energy (MeV)

29-Cu-71





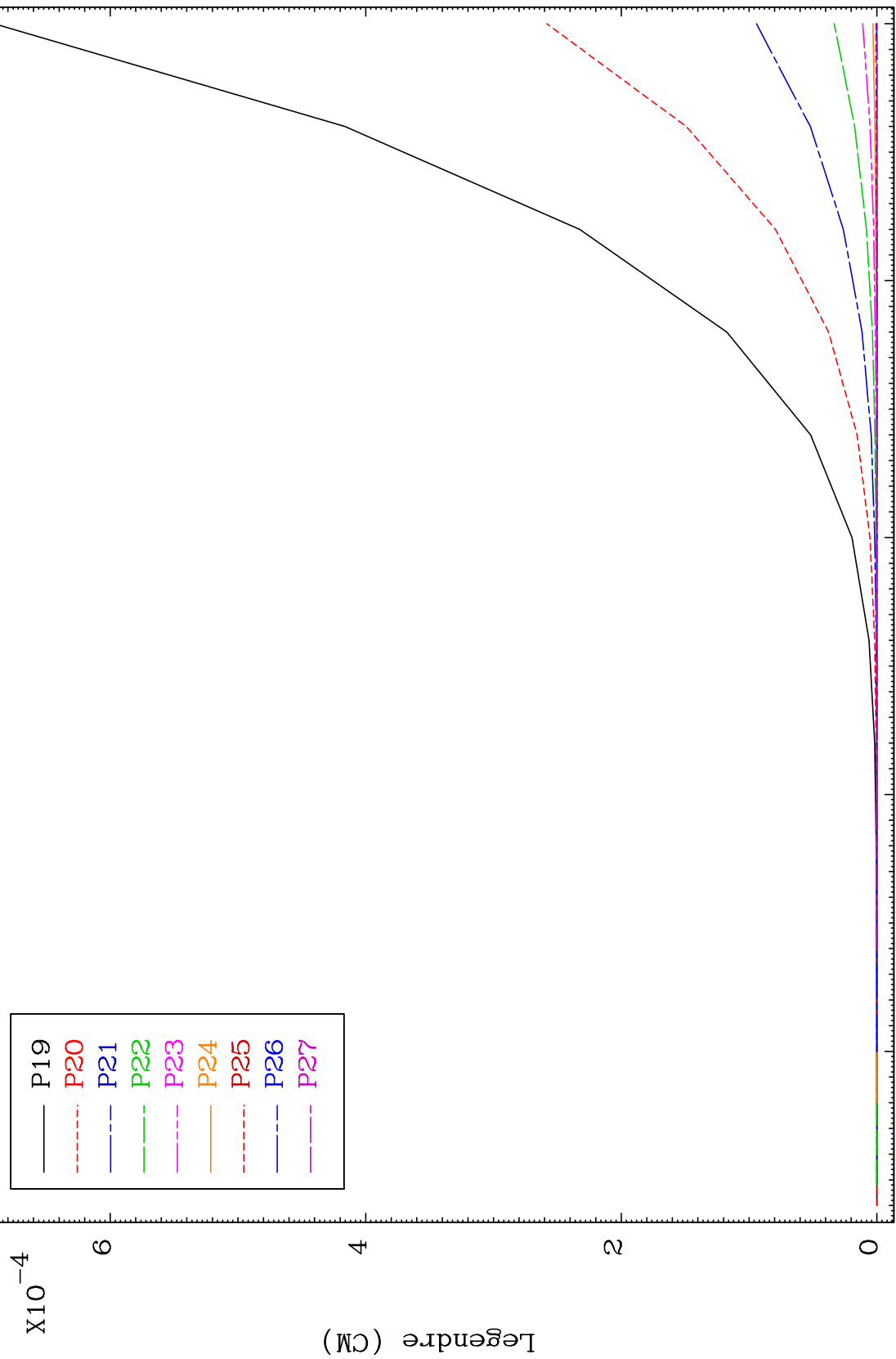
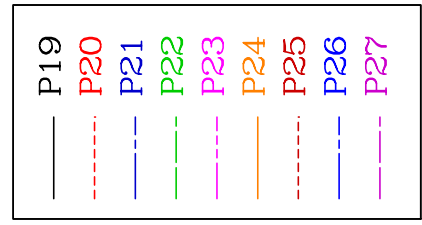




MAT 2949

Elastic Legendre Coefficients

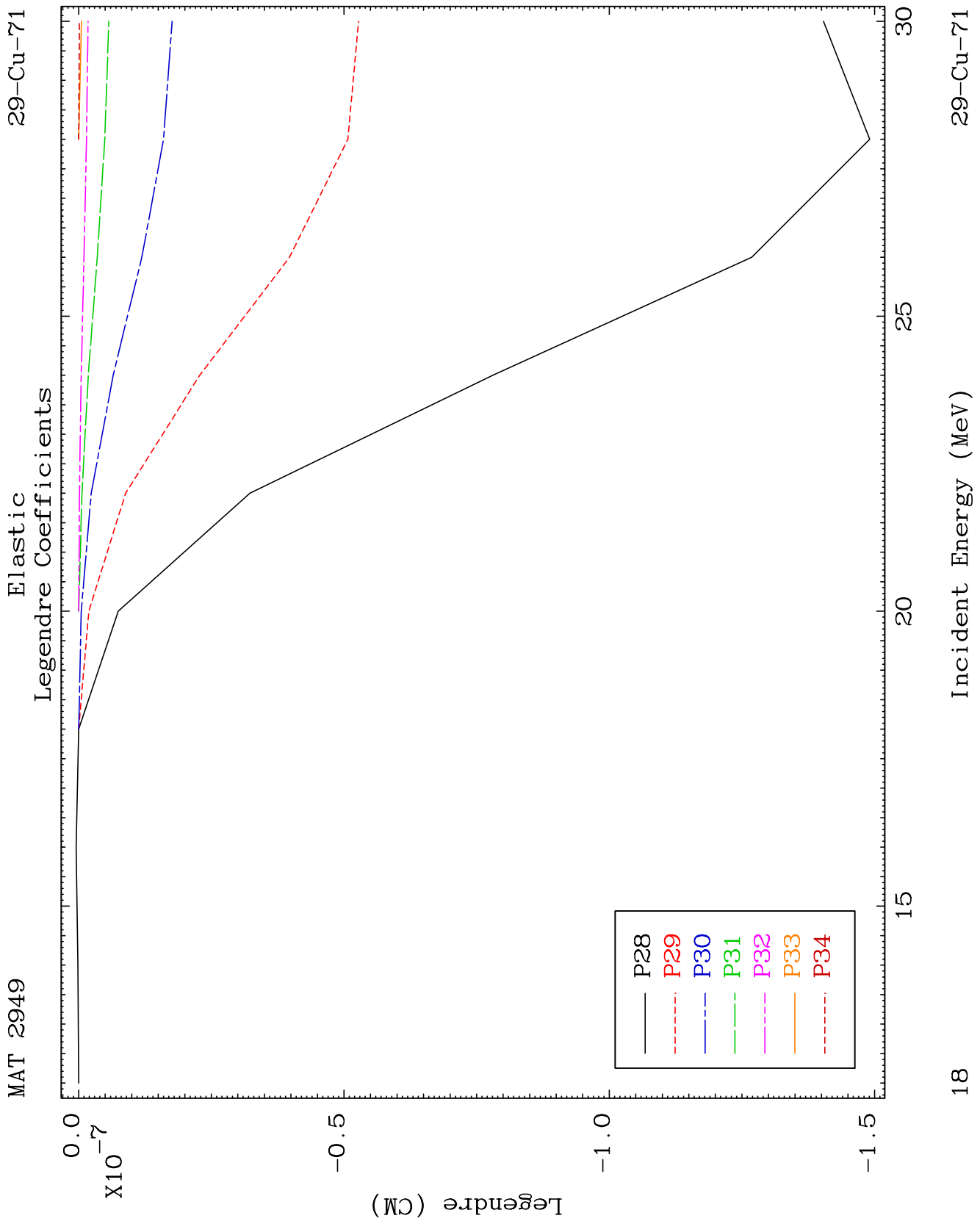
29-Cu-71



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Incident Energy (MeV)

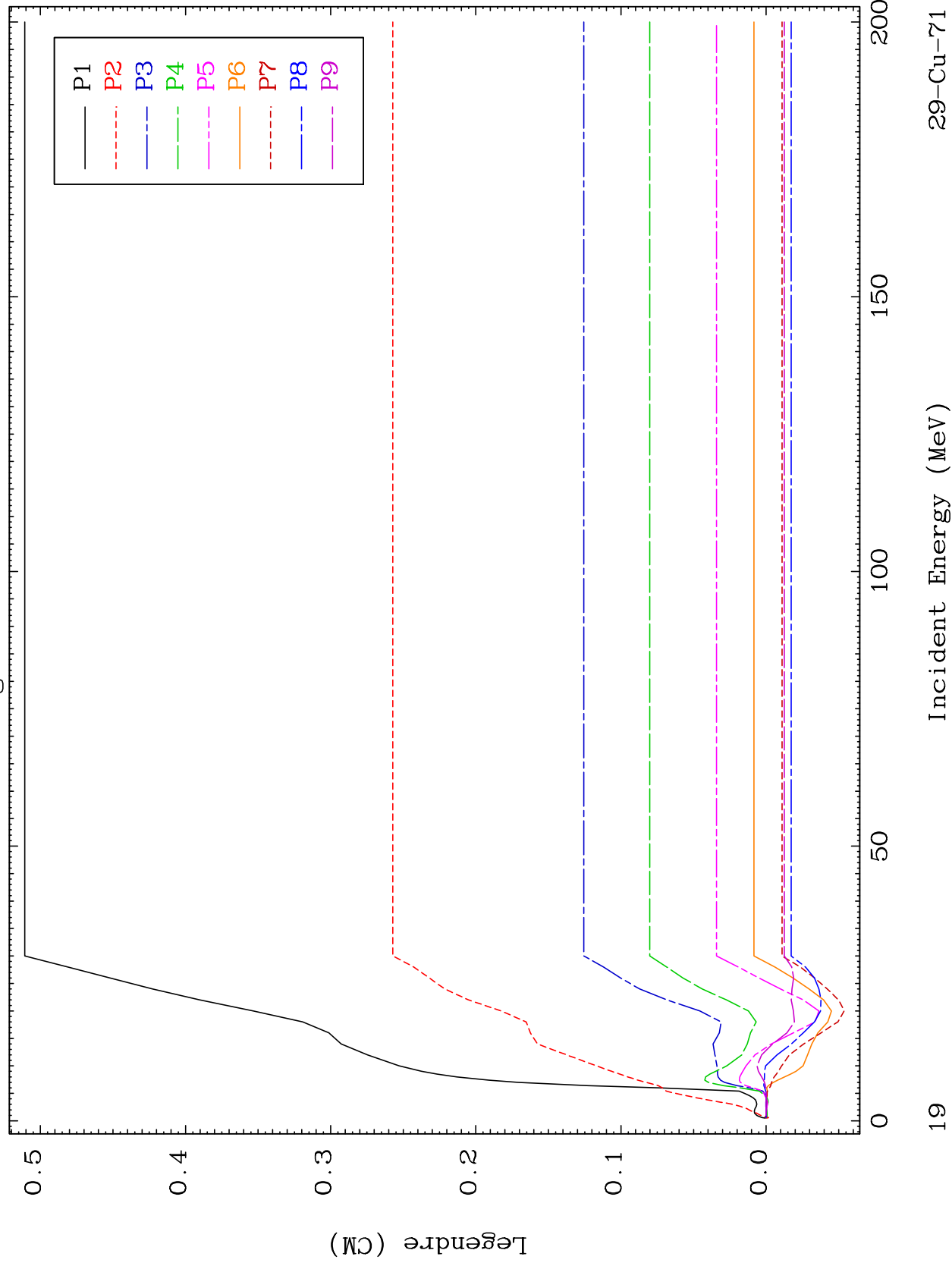
29-Cu-71



MAT 2949

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

29-Cu-71



19

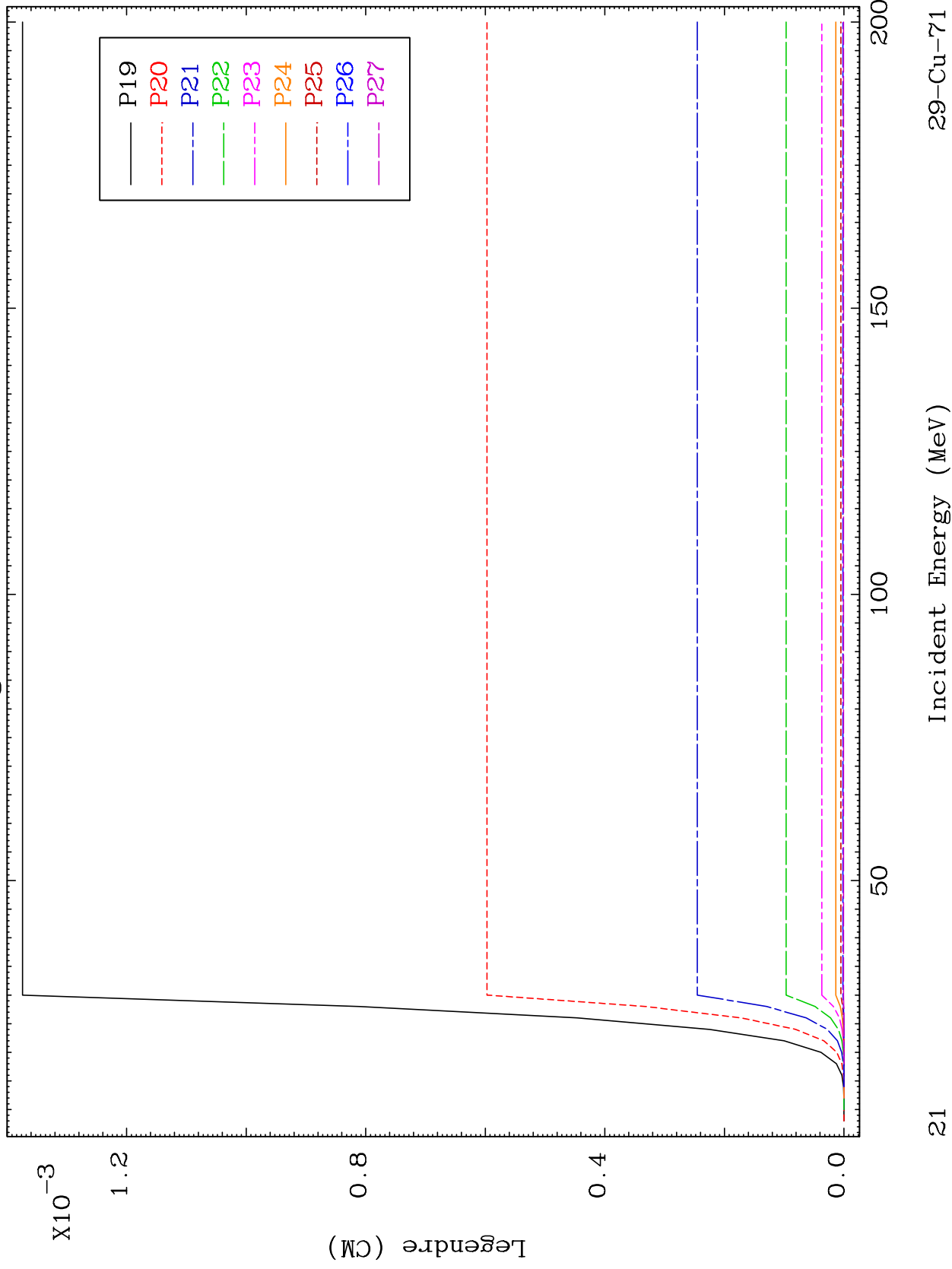
29-Cu-71



MAT 2949

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

29-Cu-71

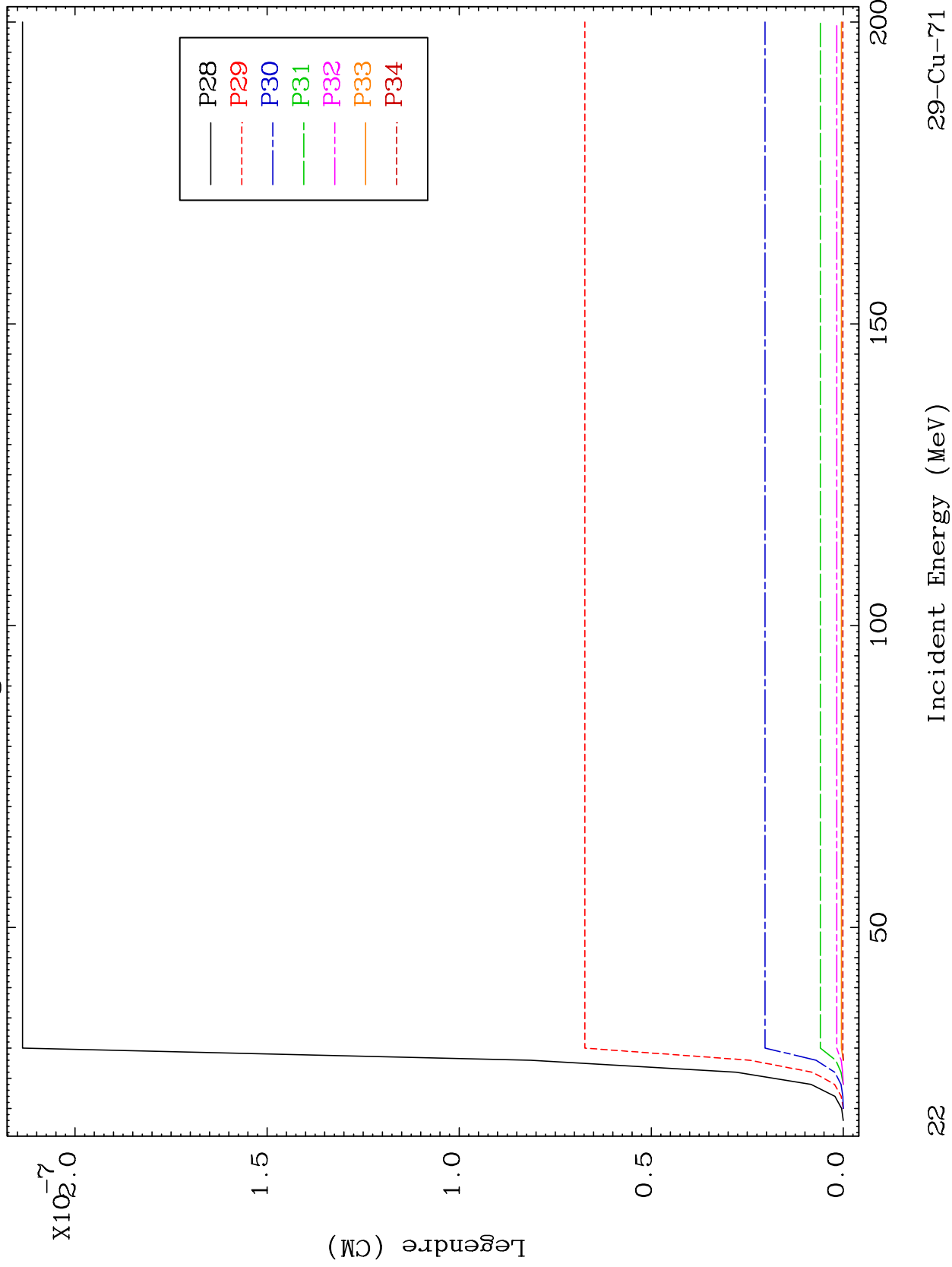


21

MAT 2949

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

29-Cu-71

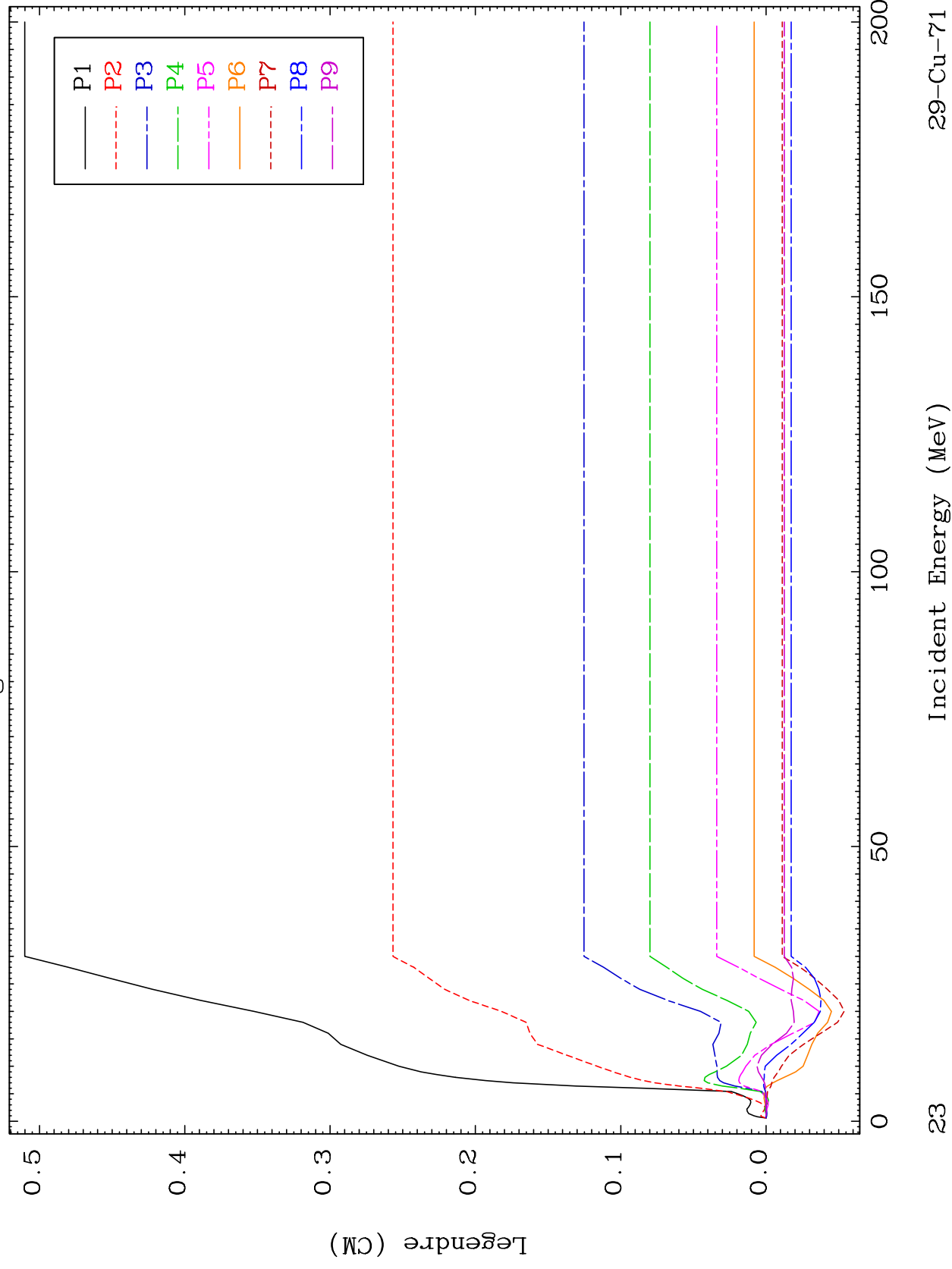


22

MAT 2949

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

29-Cu-71

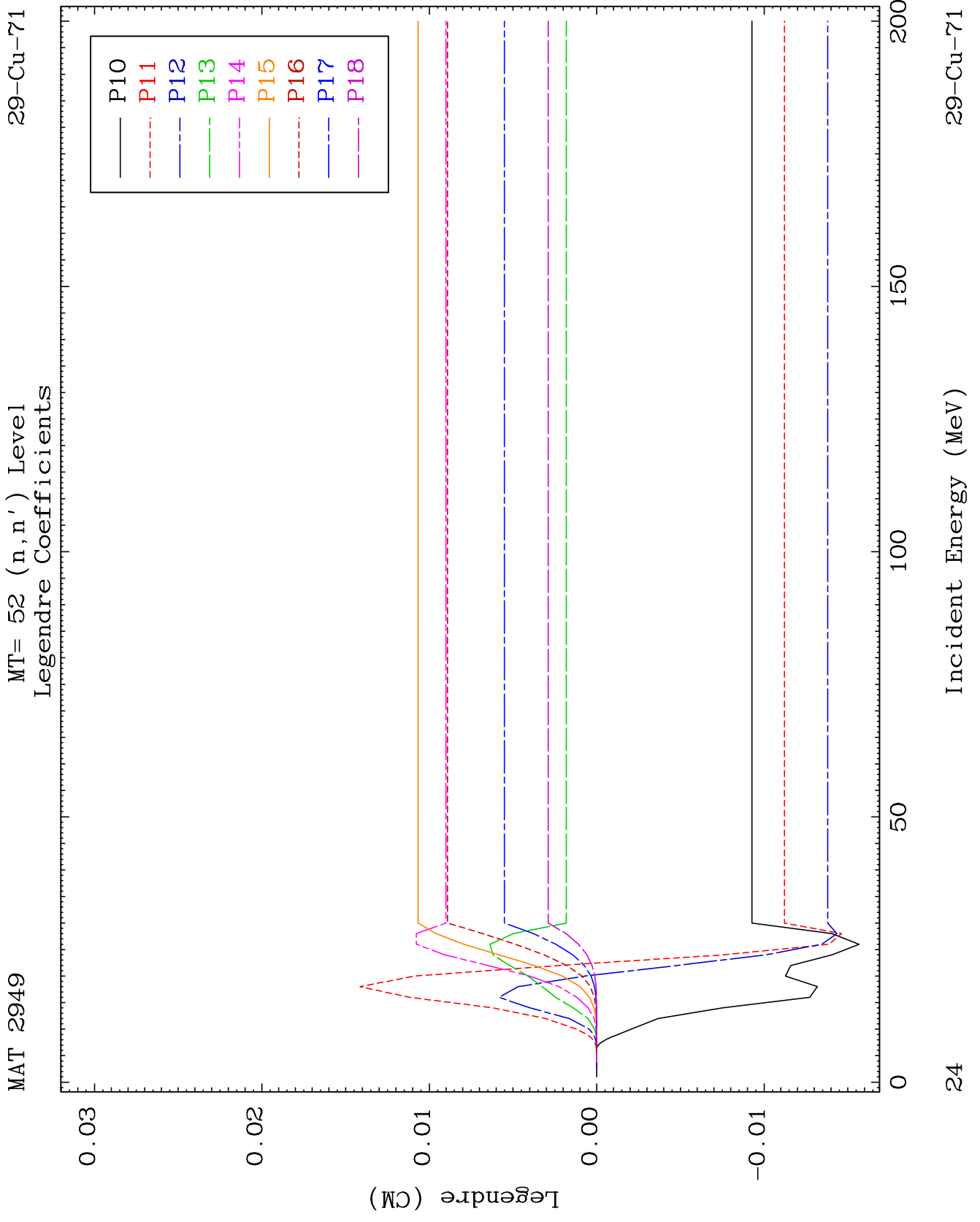


23

Incident Energy (MeV)

29-Cu-71

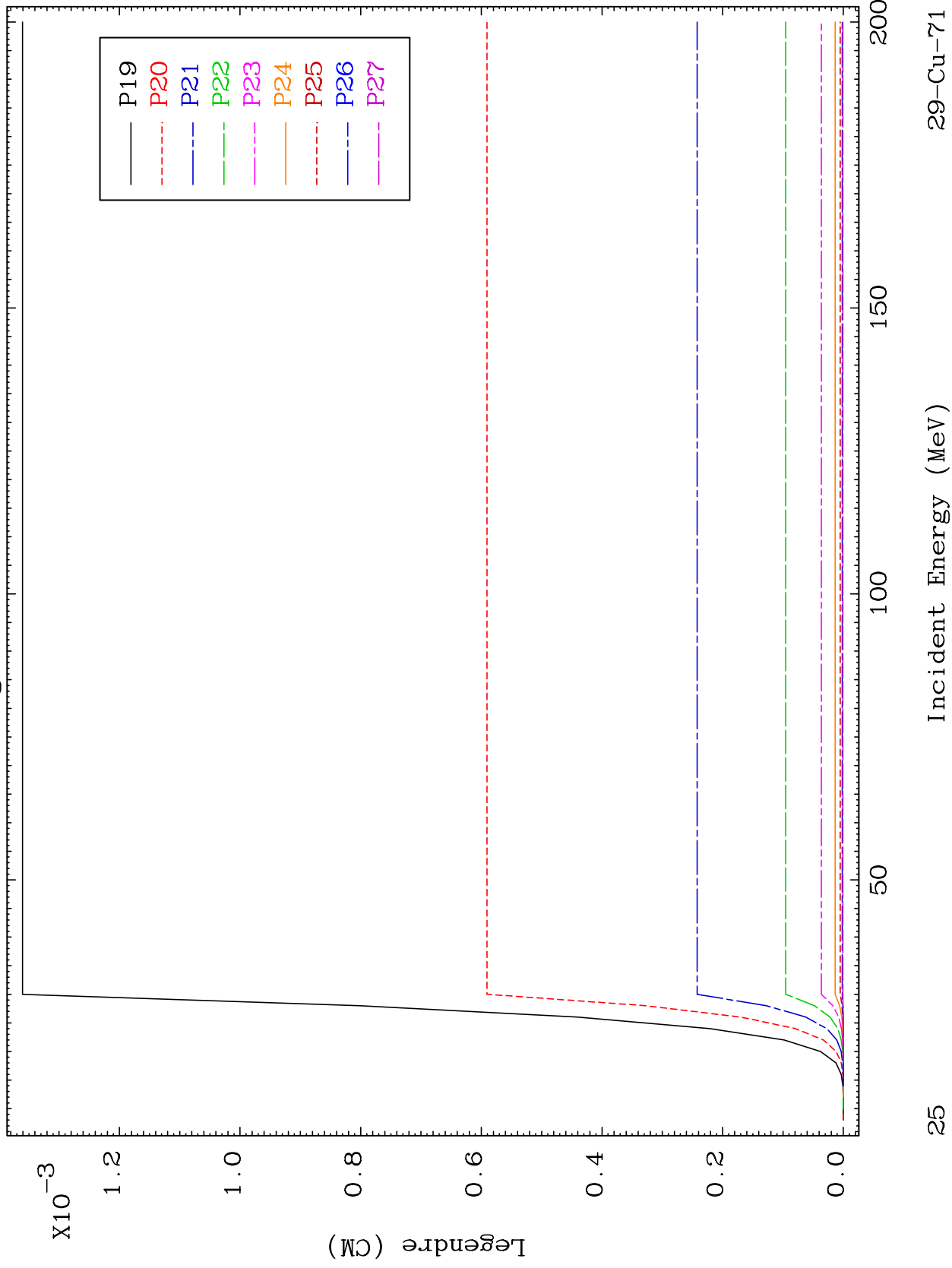




MAT 2949

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

29-Cu-71



25

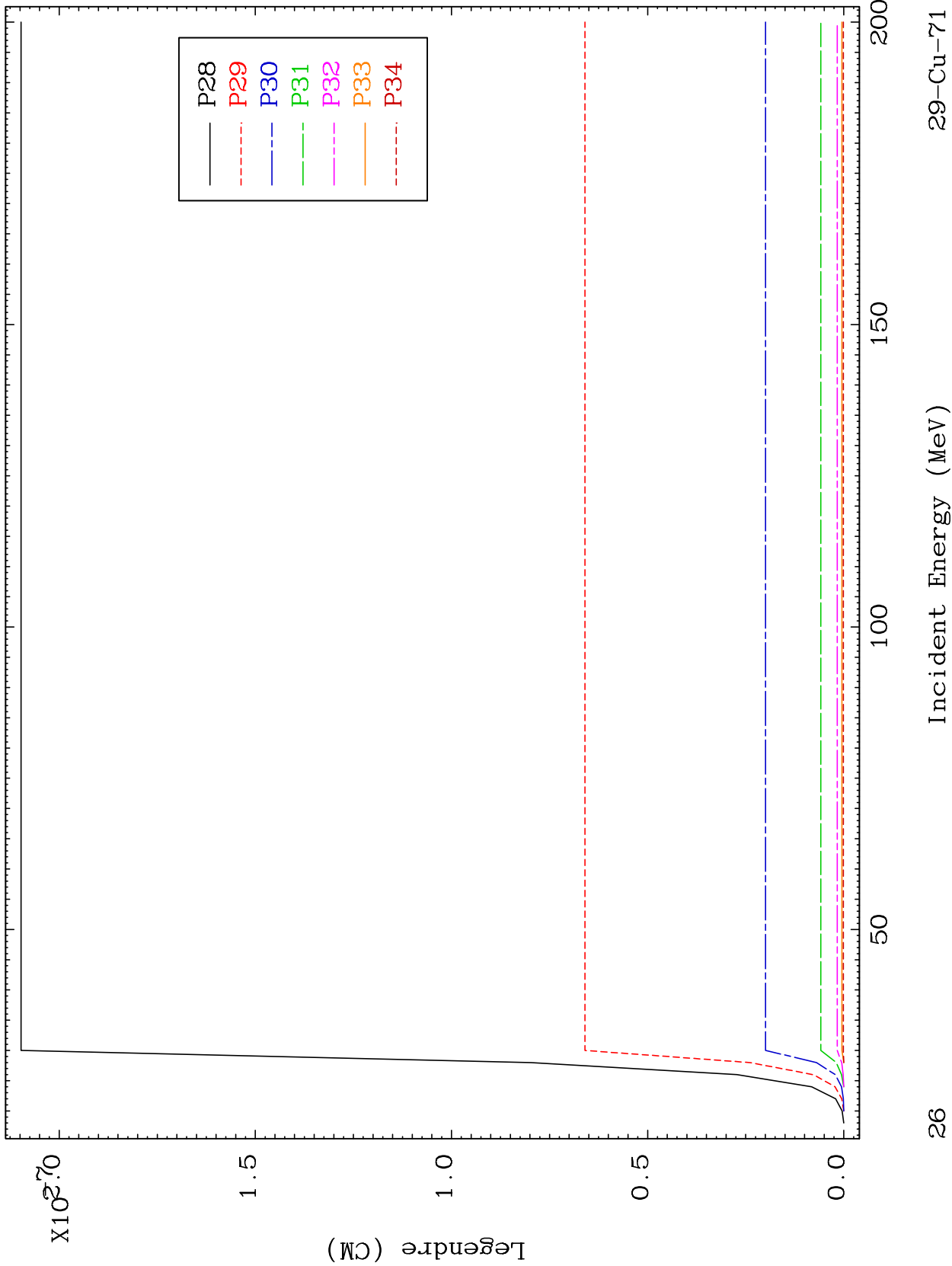
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



26

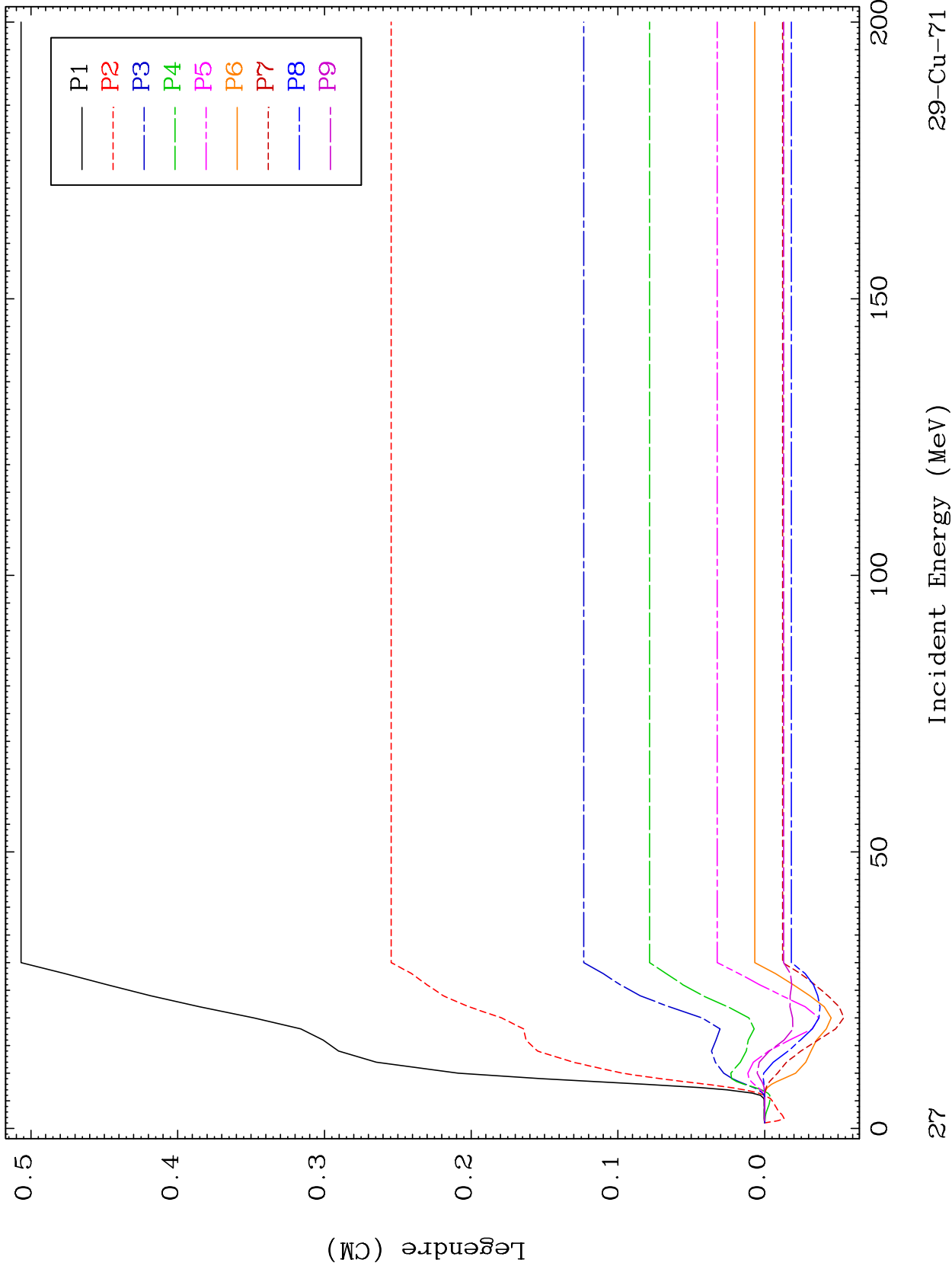
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



27

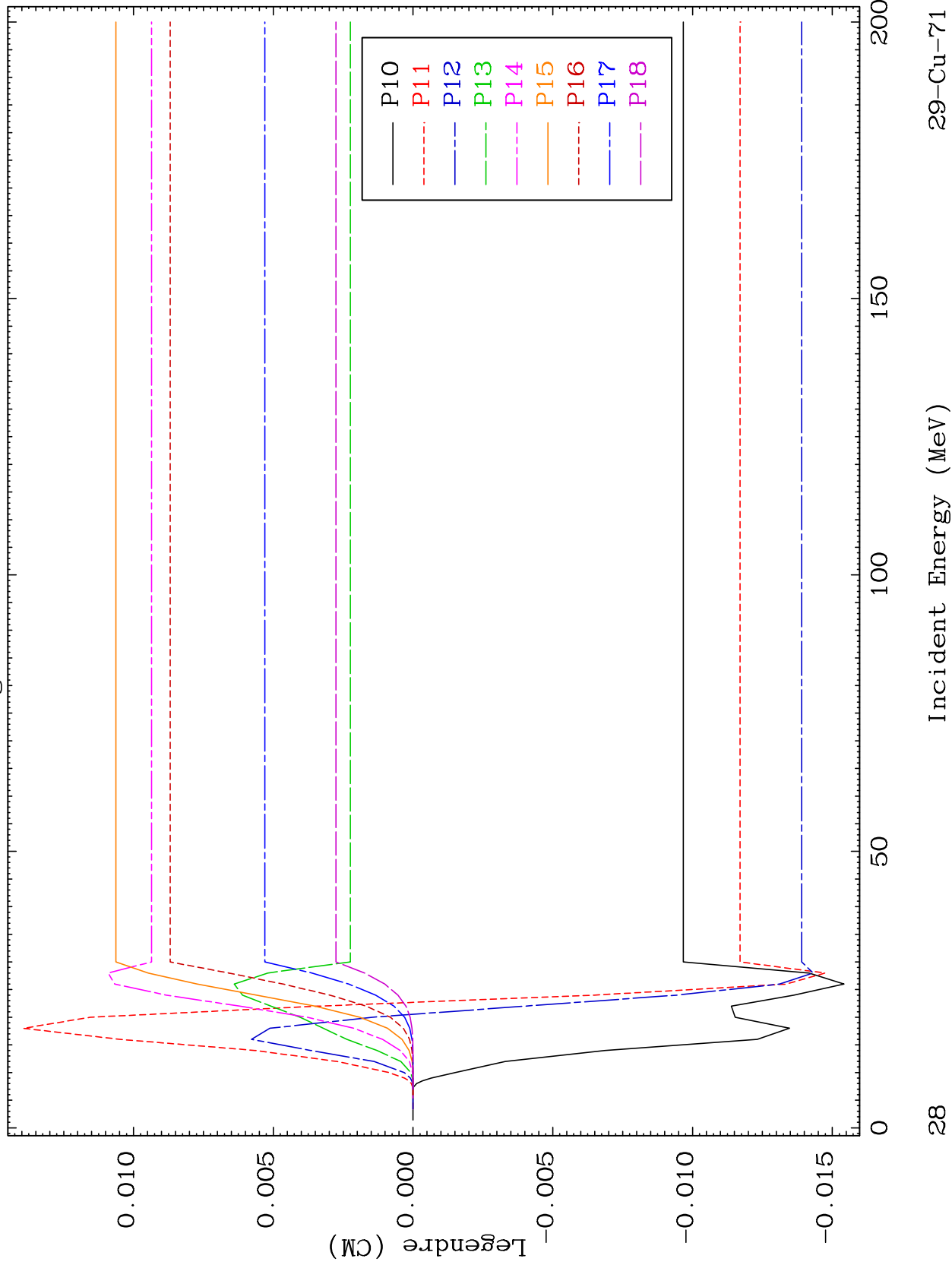
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71

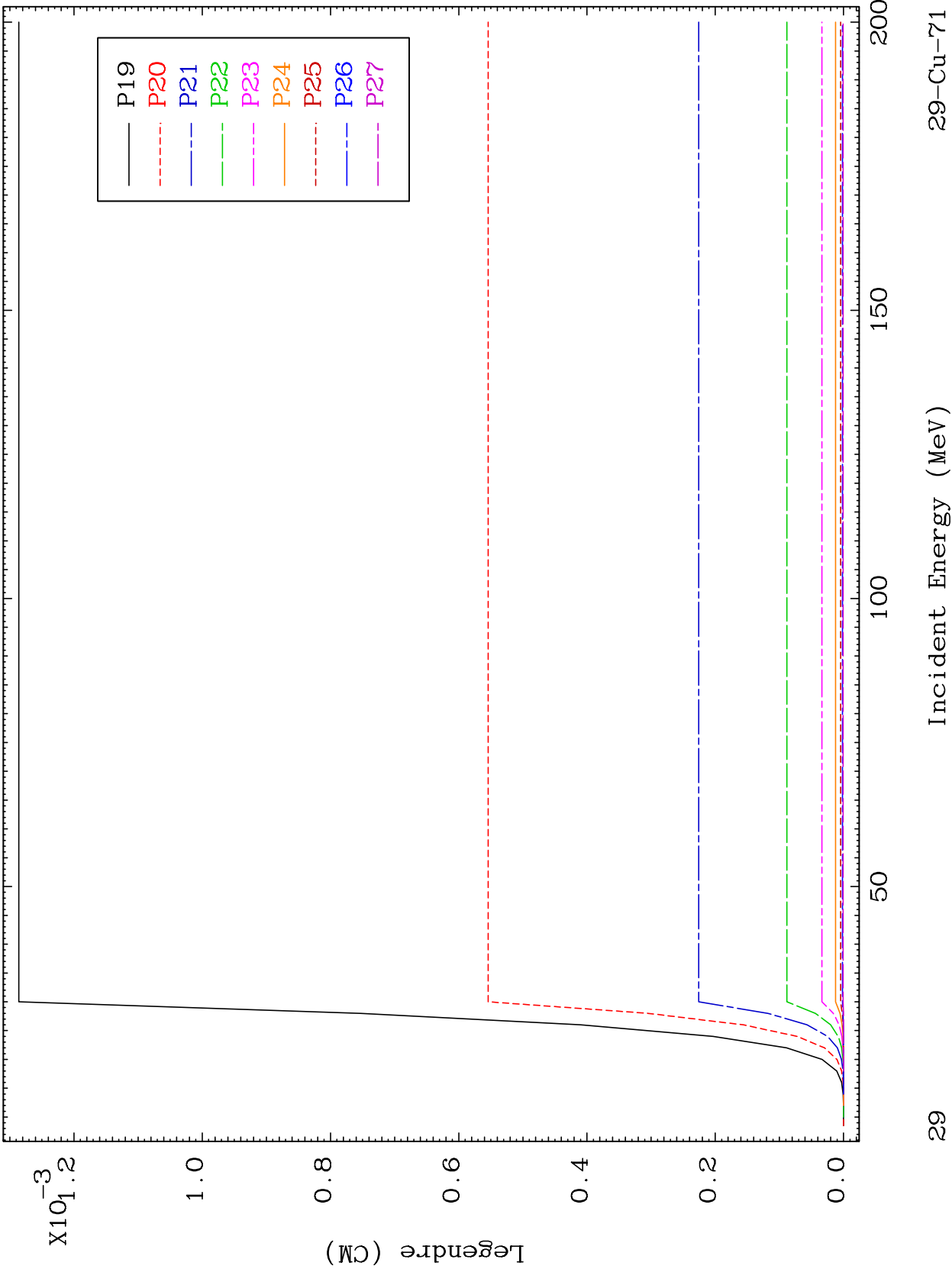


28

MAT 2949

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

29-Cu-71



29

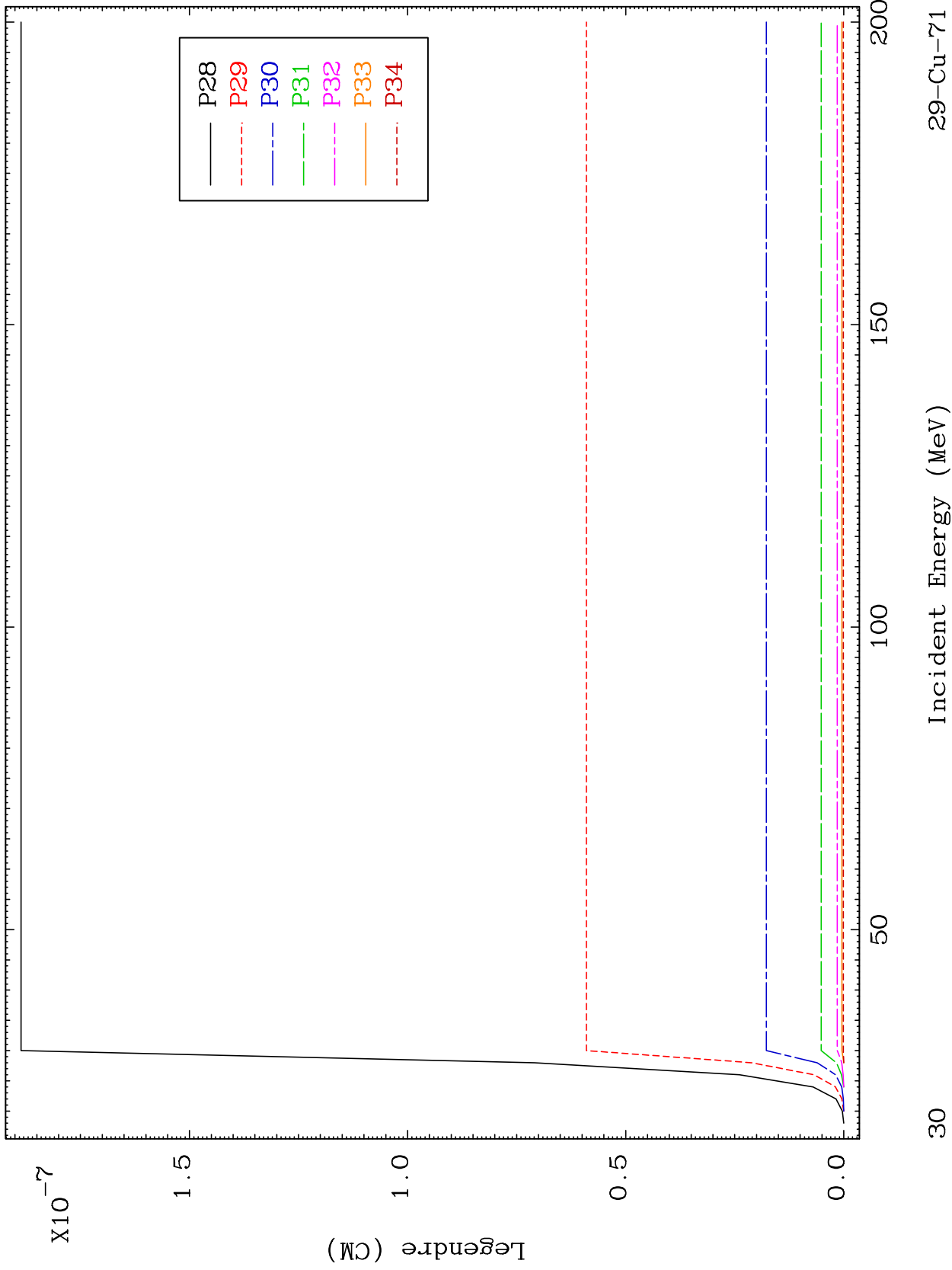
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

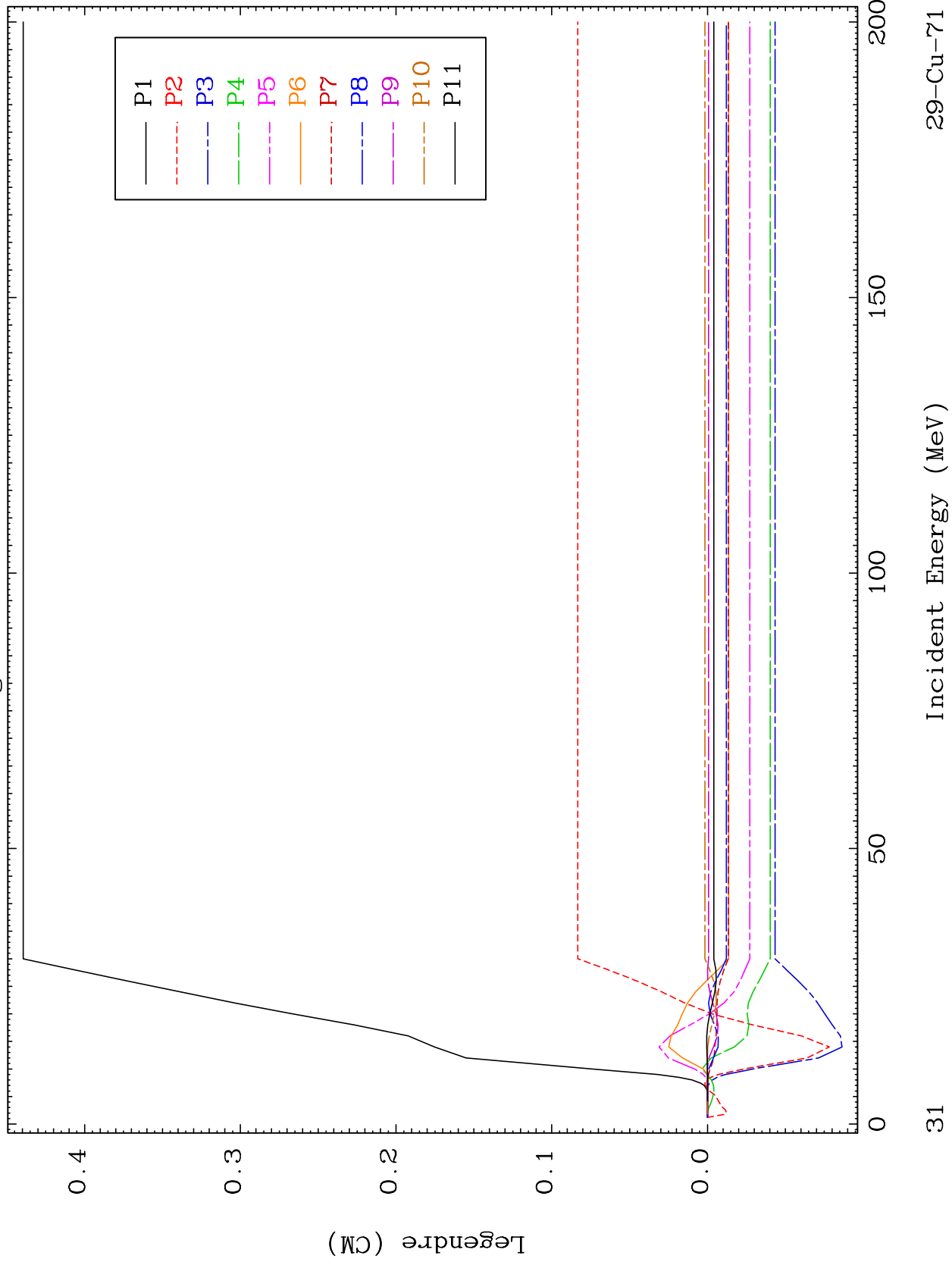
29-Cu-71



MAT 2949

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

29-Cu-71

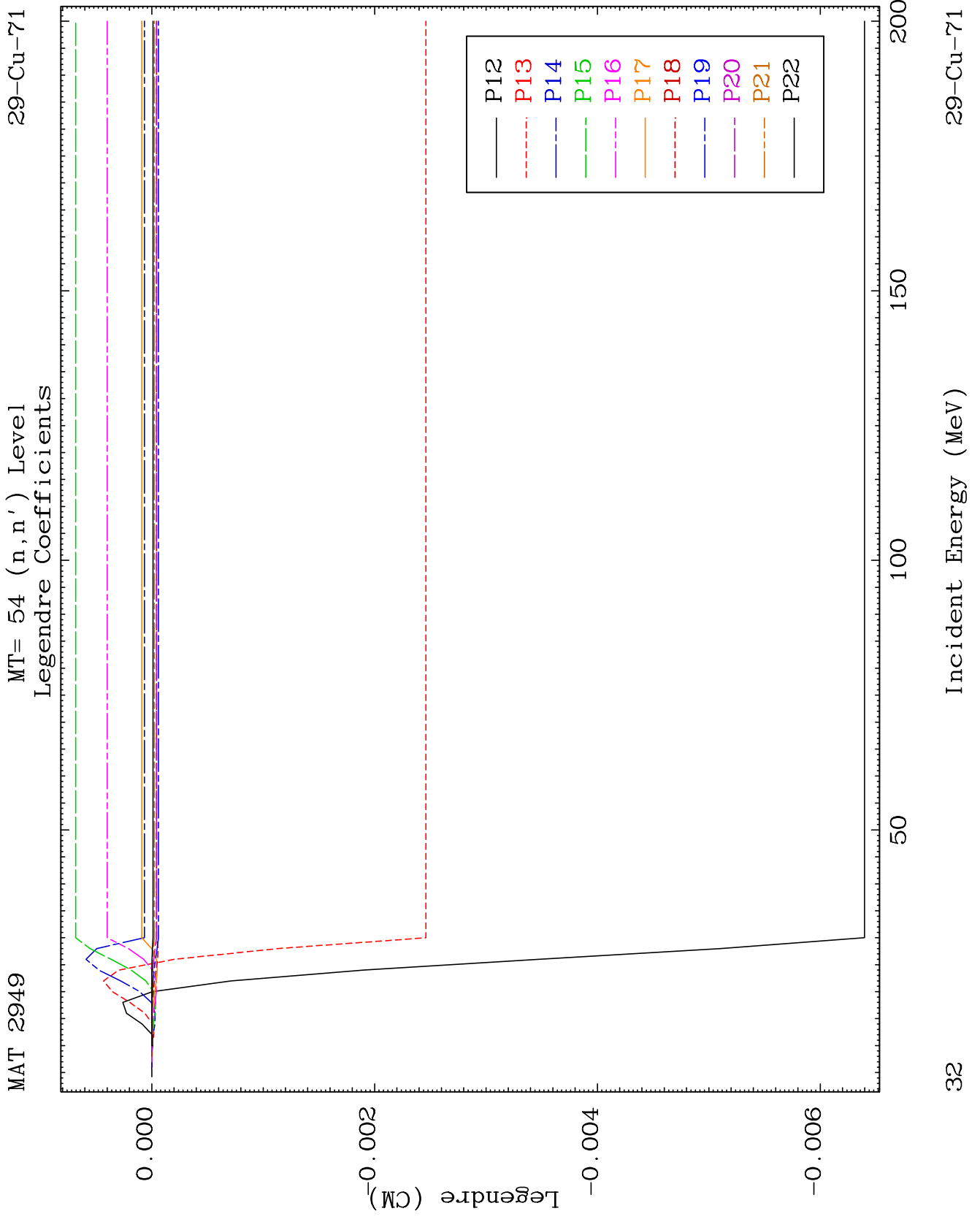


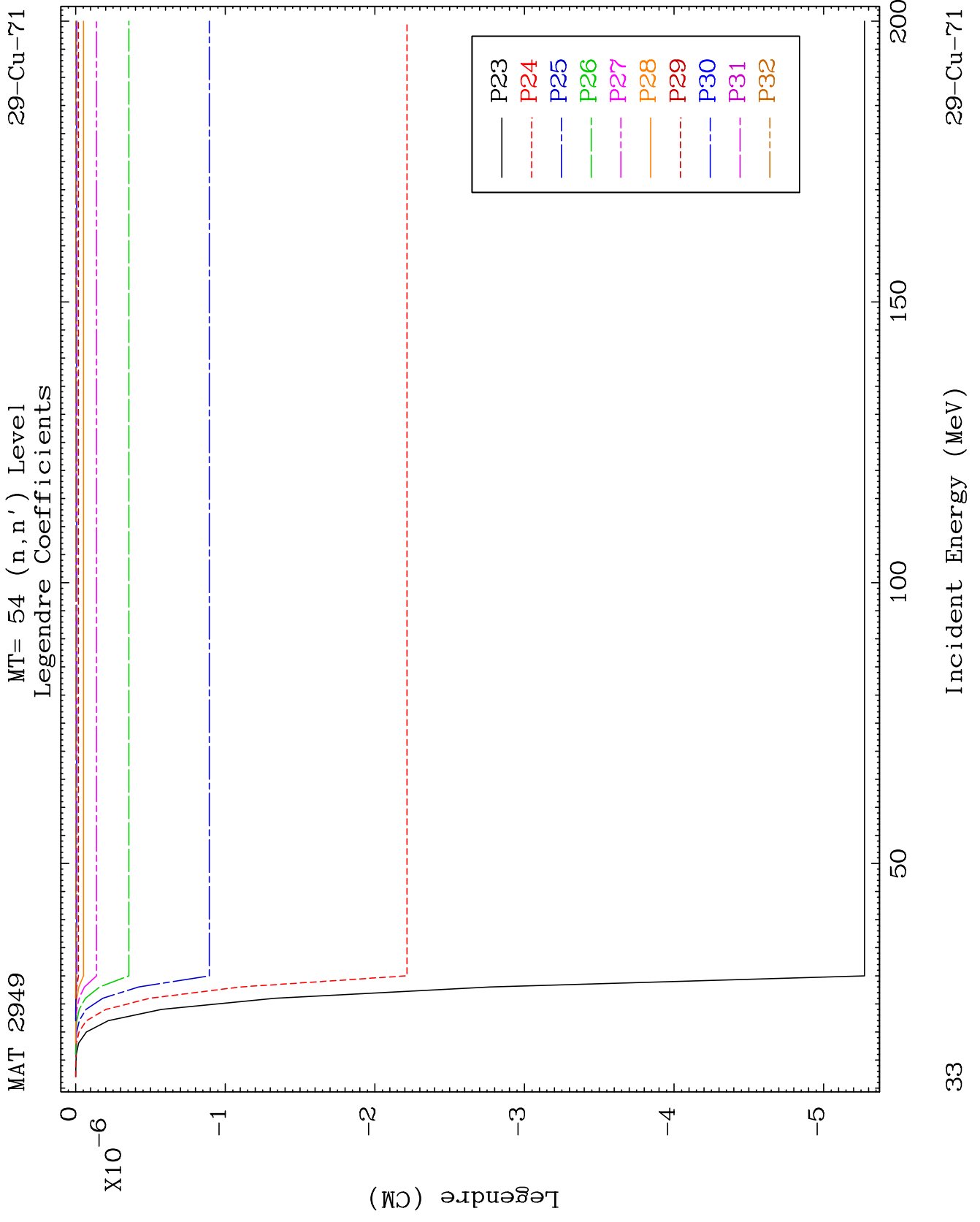
31

Incident Energy (MeV)

29-Cu-71



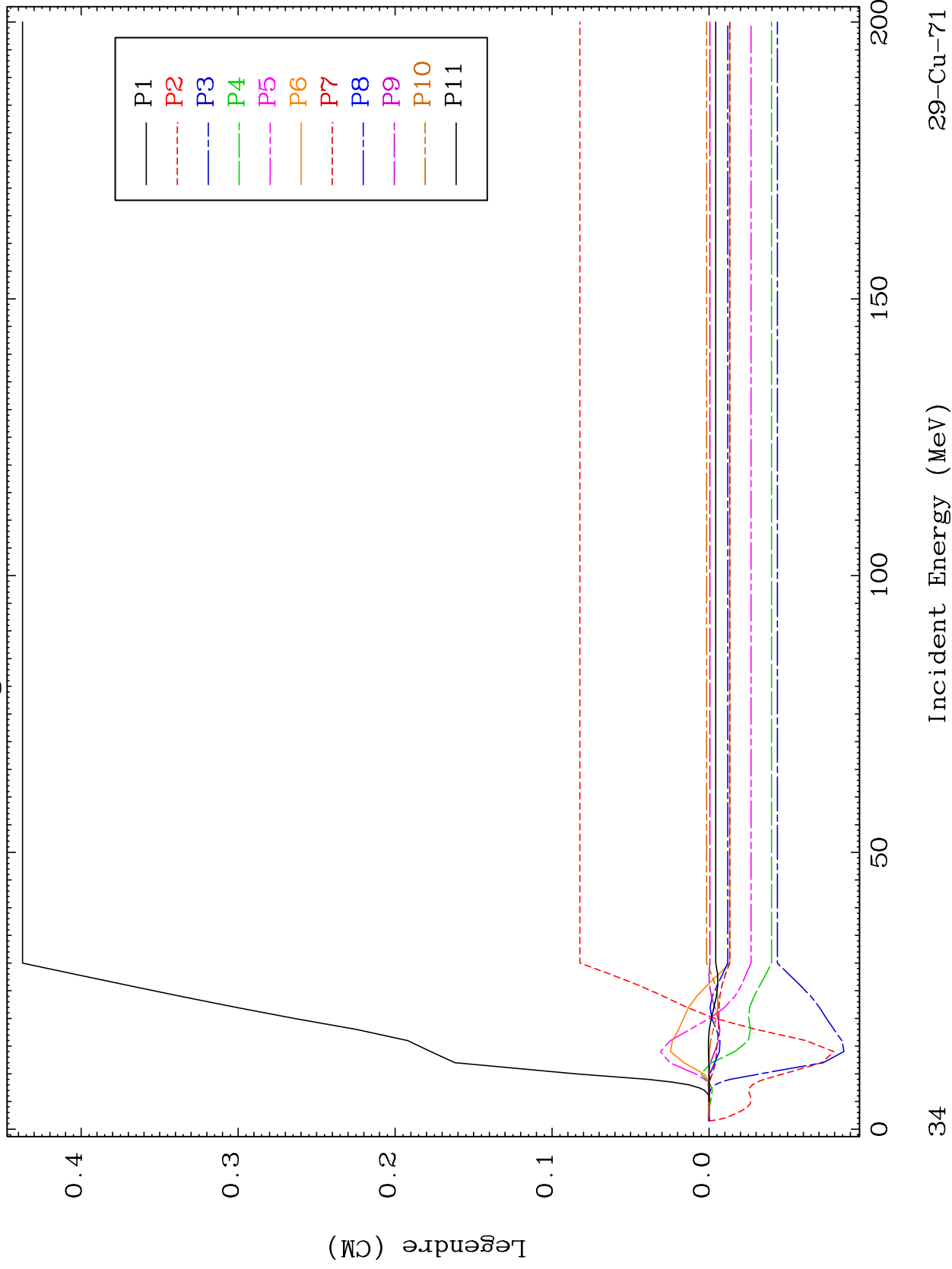




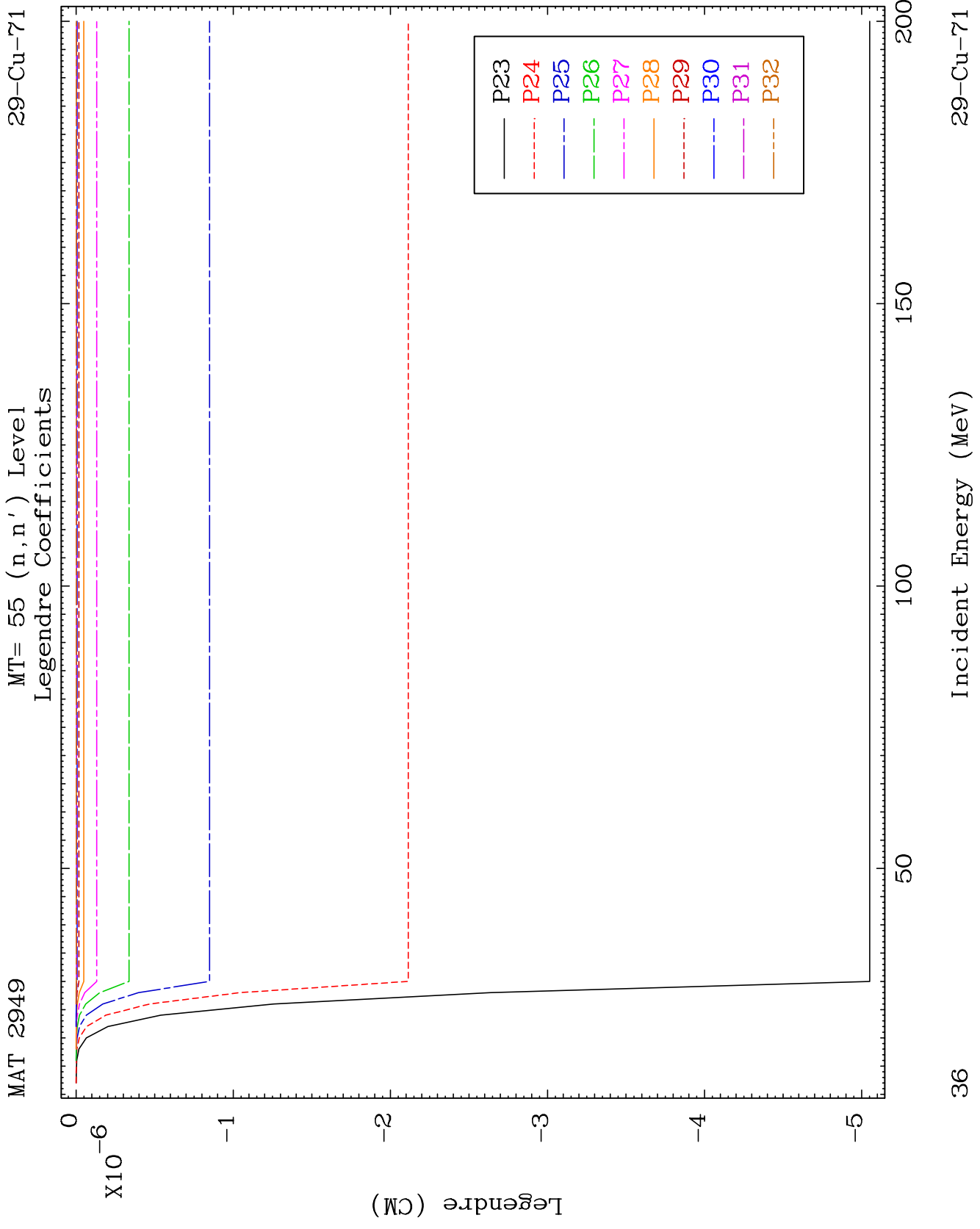
MAT 2949

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

29-Cu-71



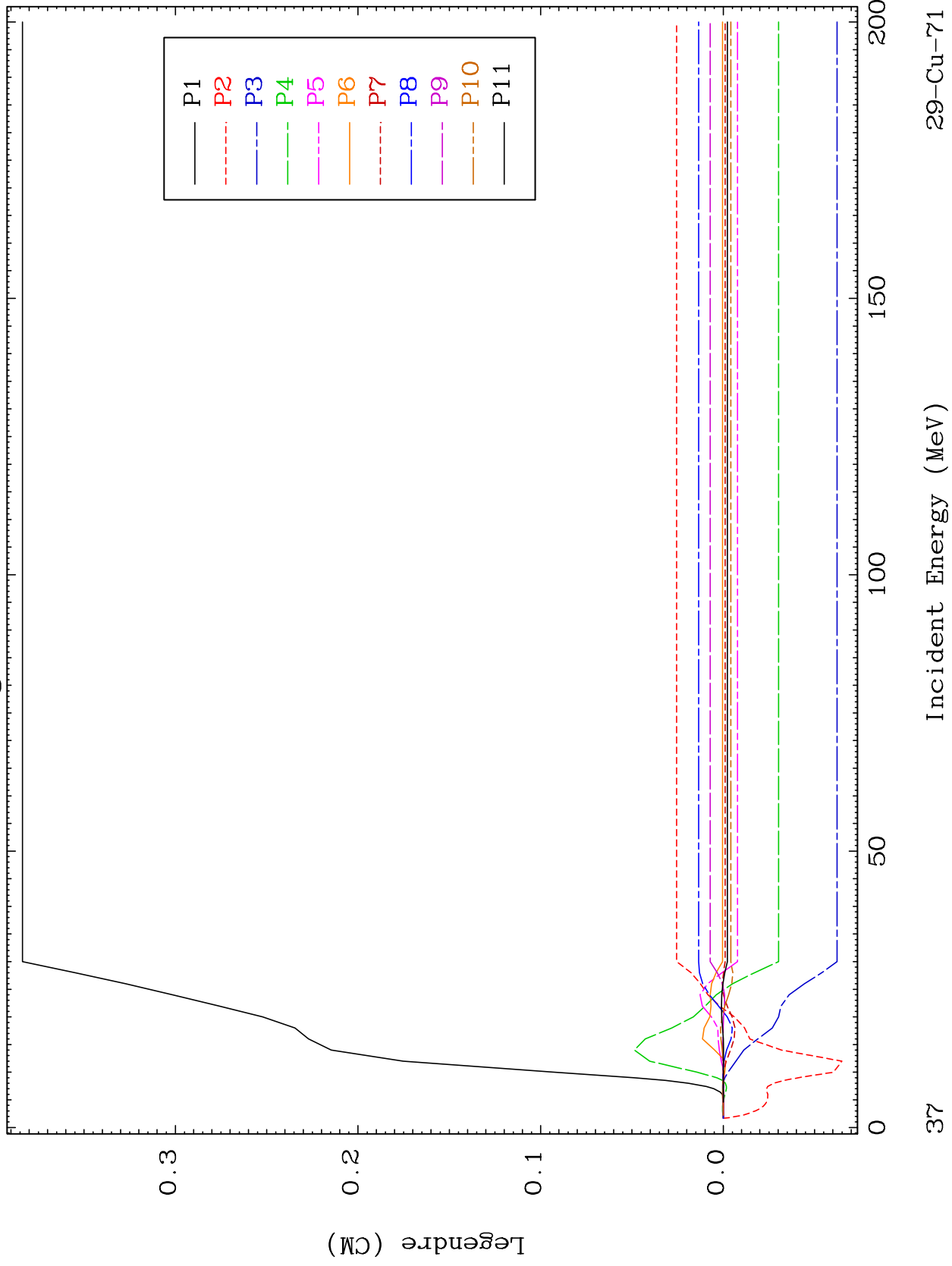




MAT 2949

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

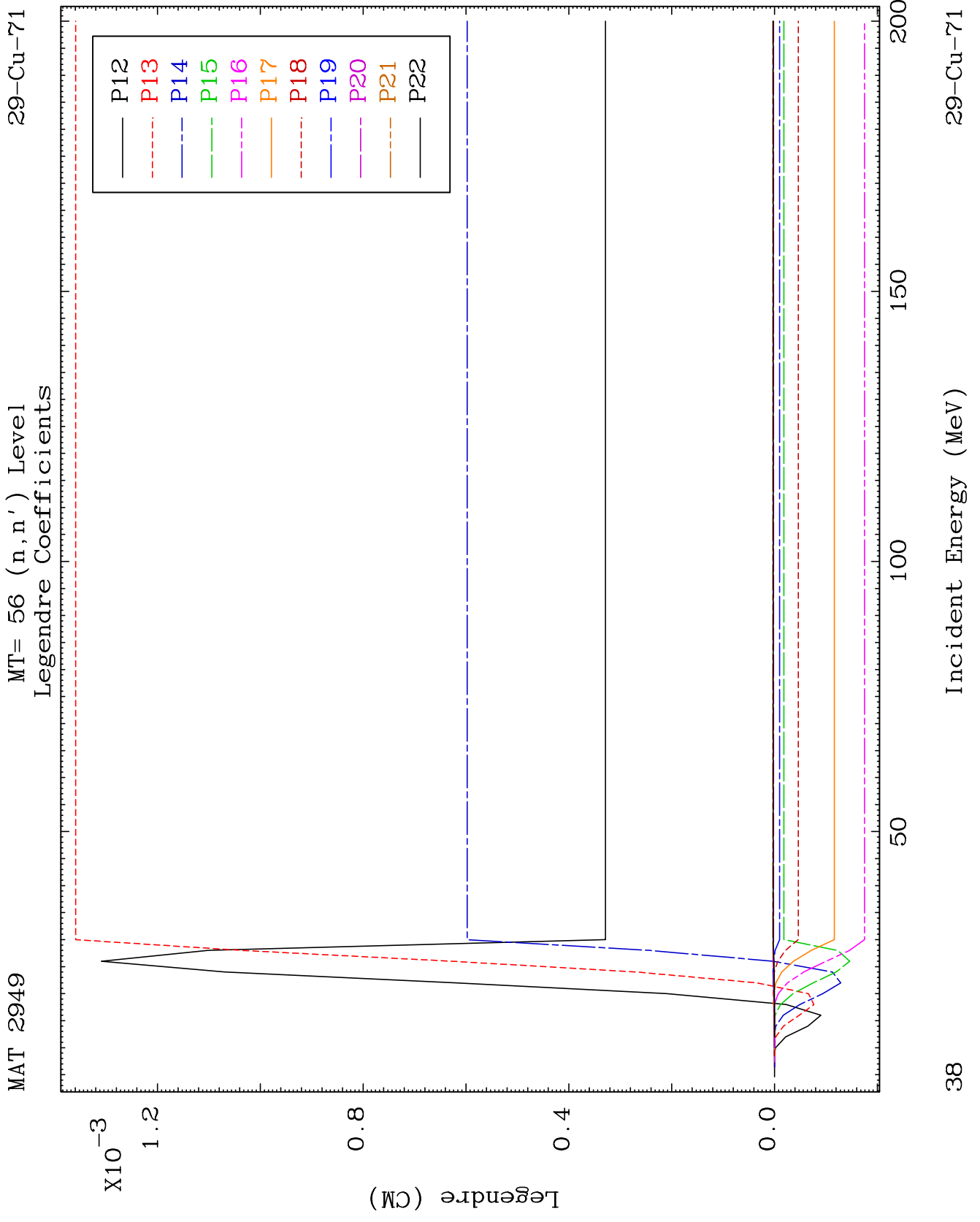
29-Cu-71



29-Cu-71

Incident Energy (MeV)

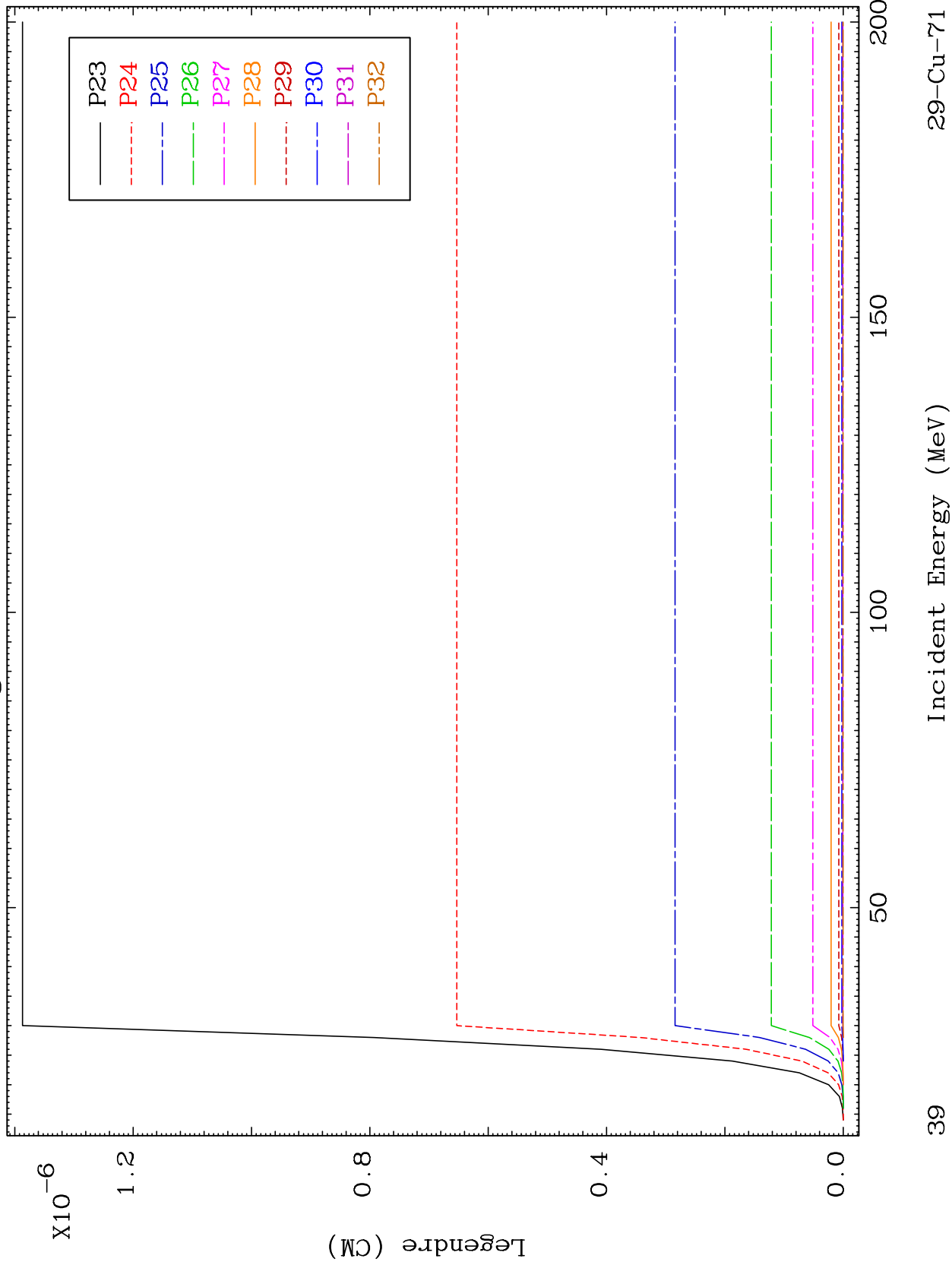
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MAT 2949

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

29-Cu-71



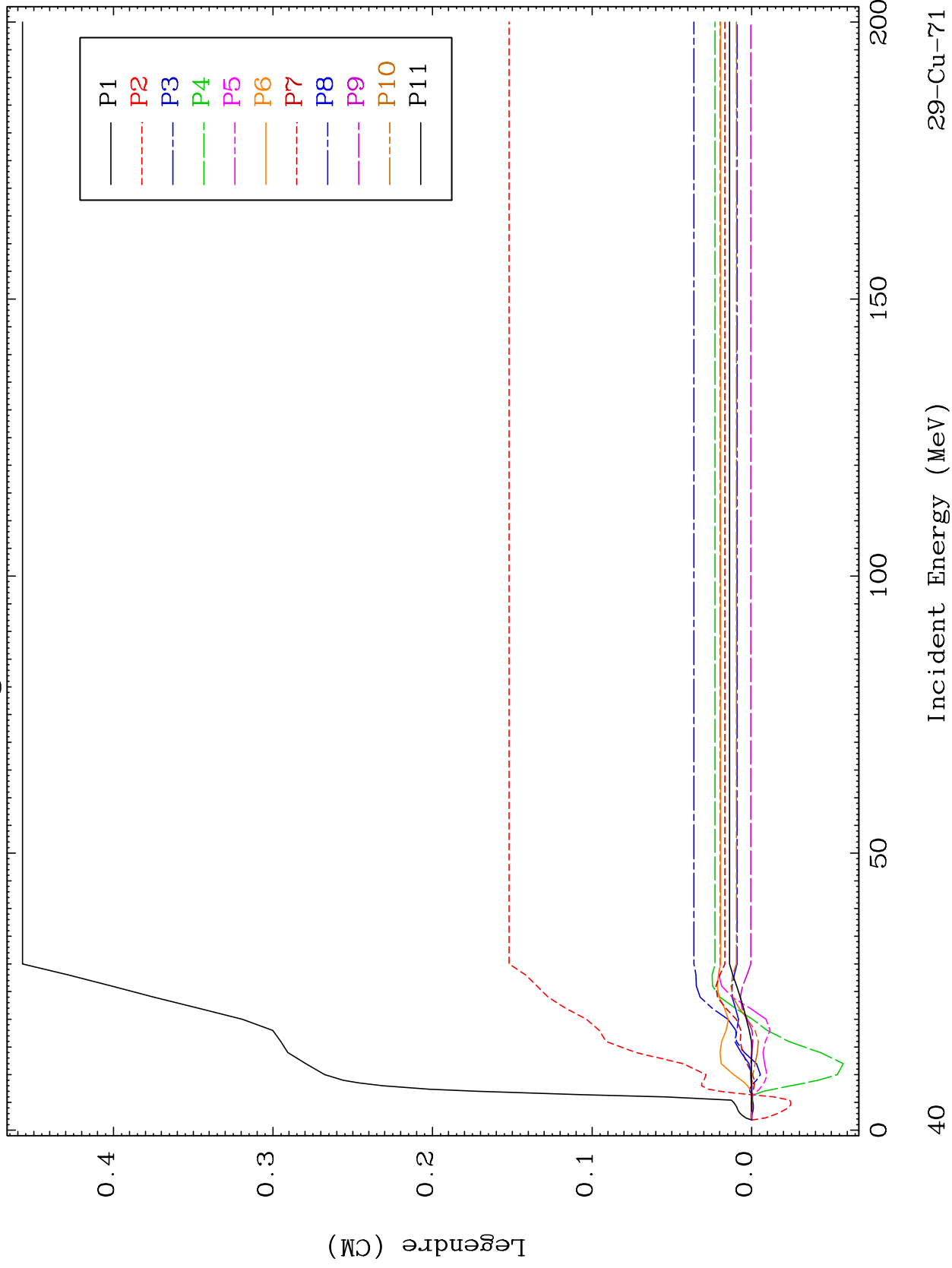
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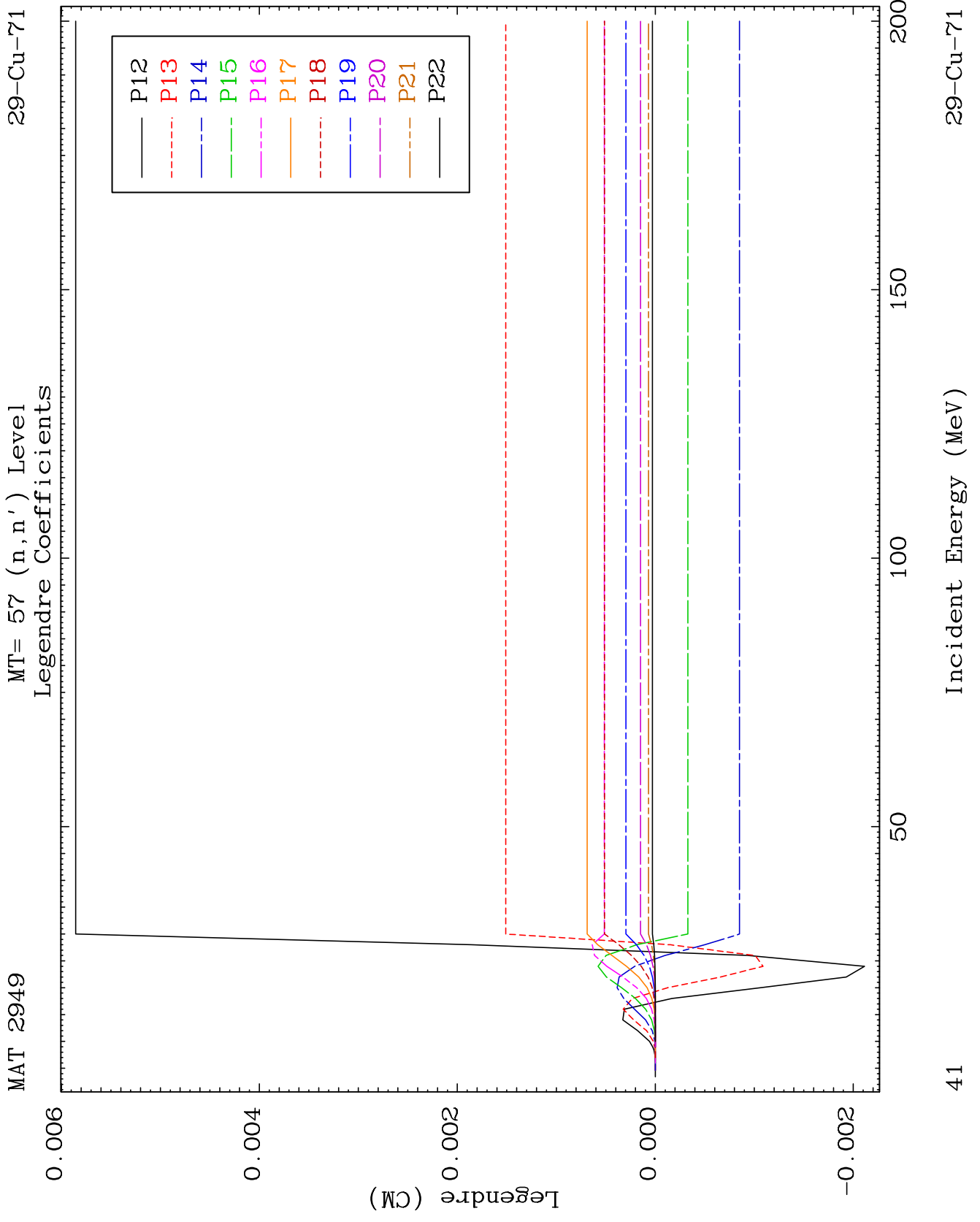


MAT 2949

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

29-Cu-71

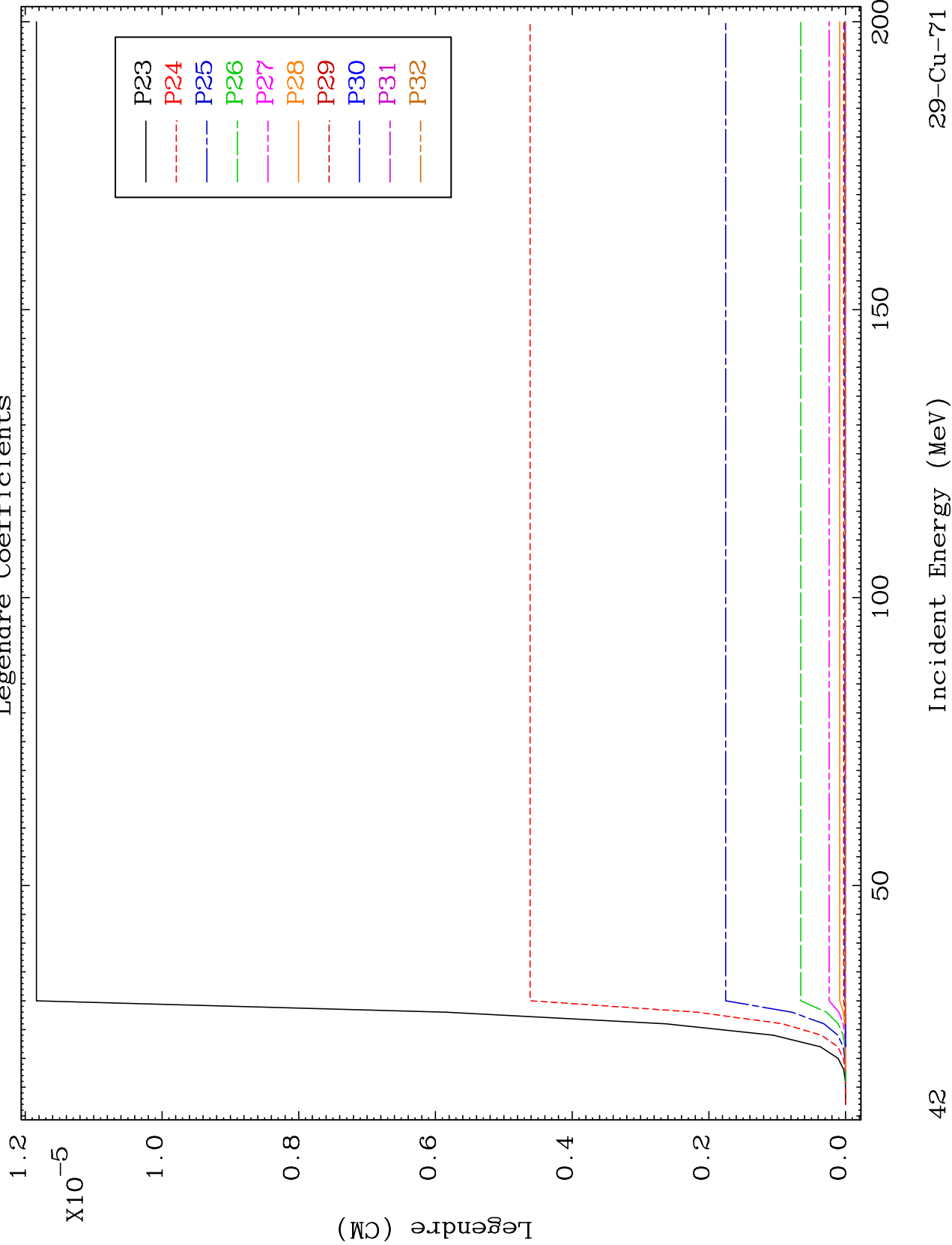




MAT 2949

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

29-Cu-71



42

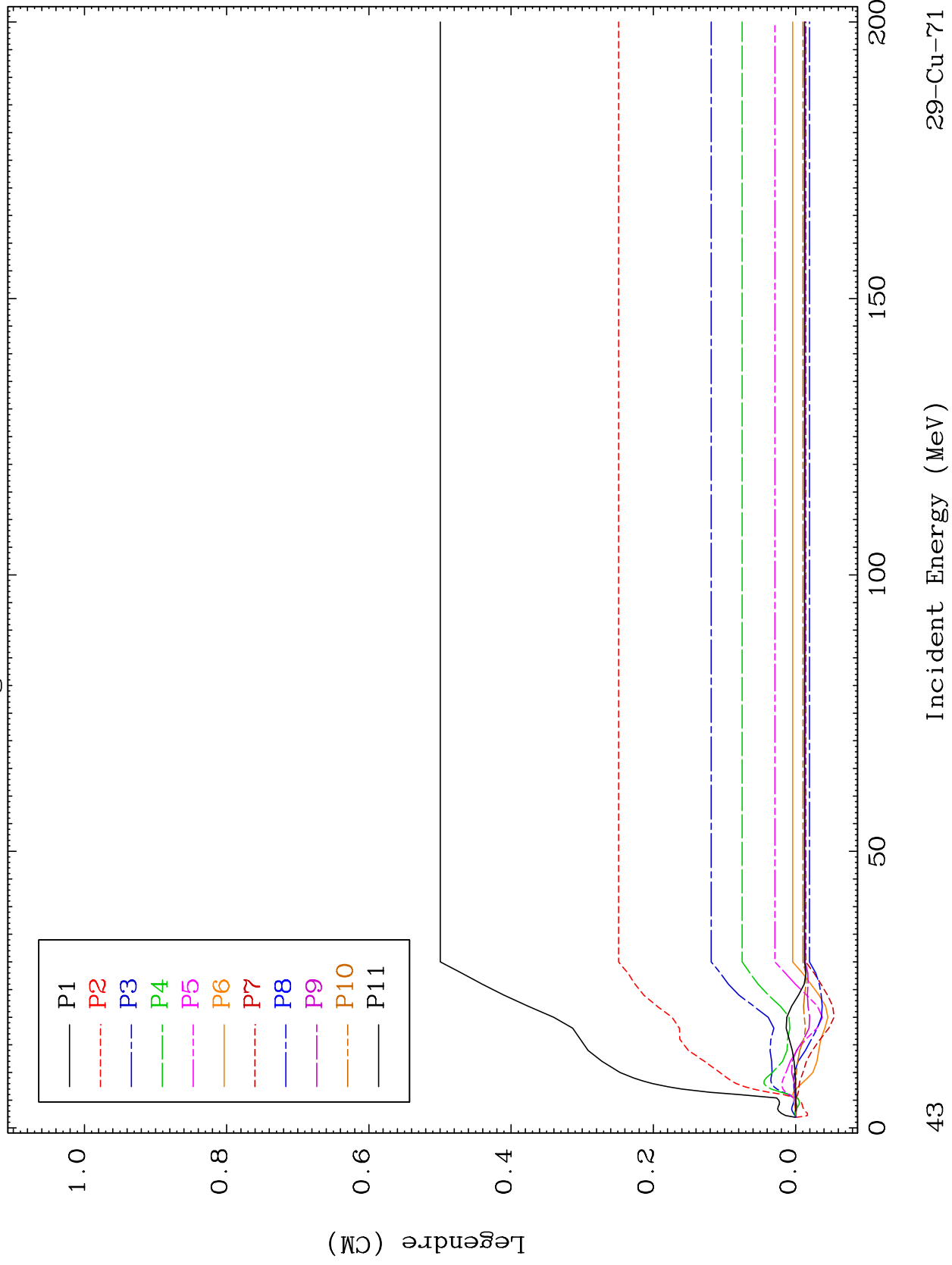
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

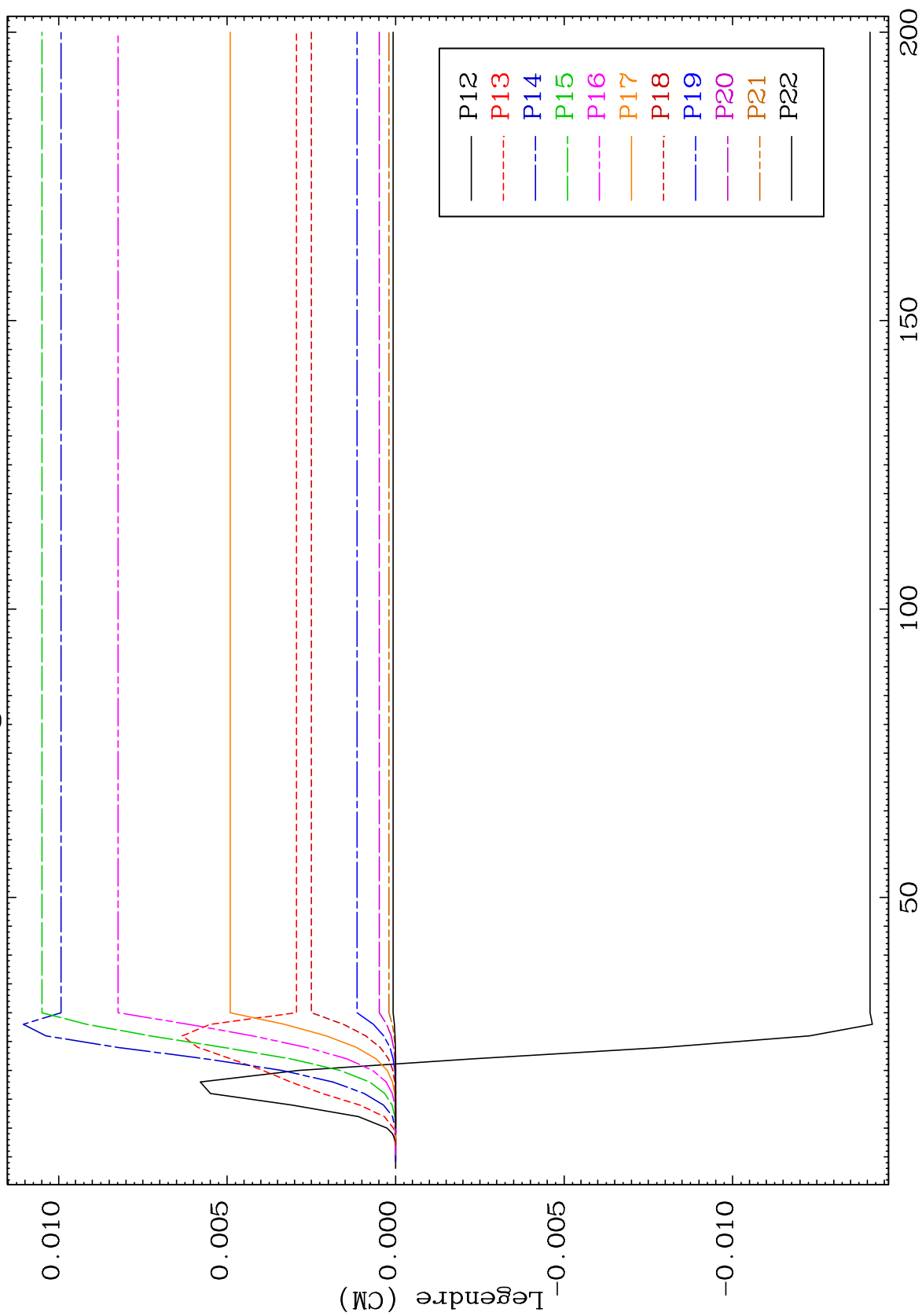
29-Cu-71



MAT 2949

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

29-Cu-71



44

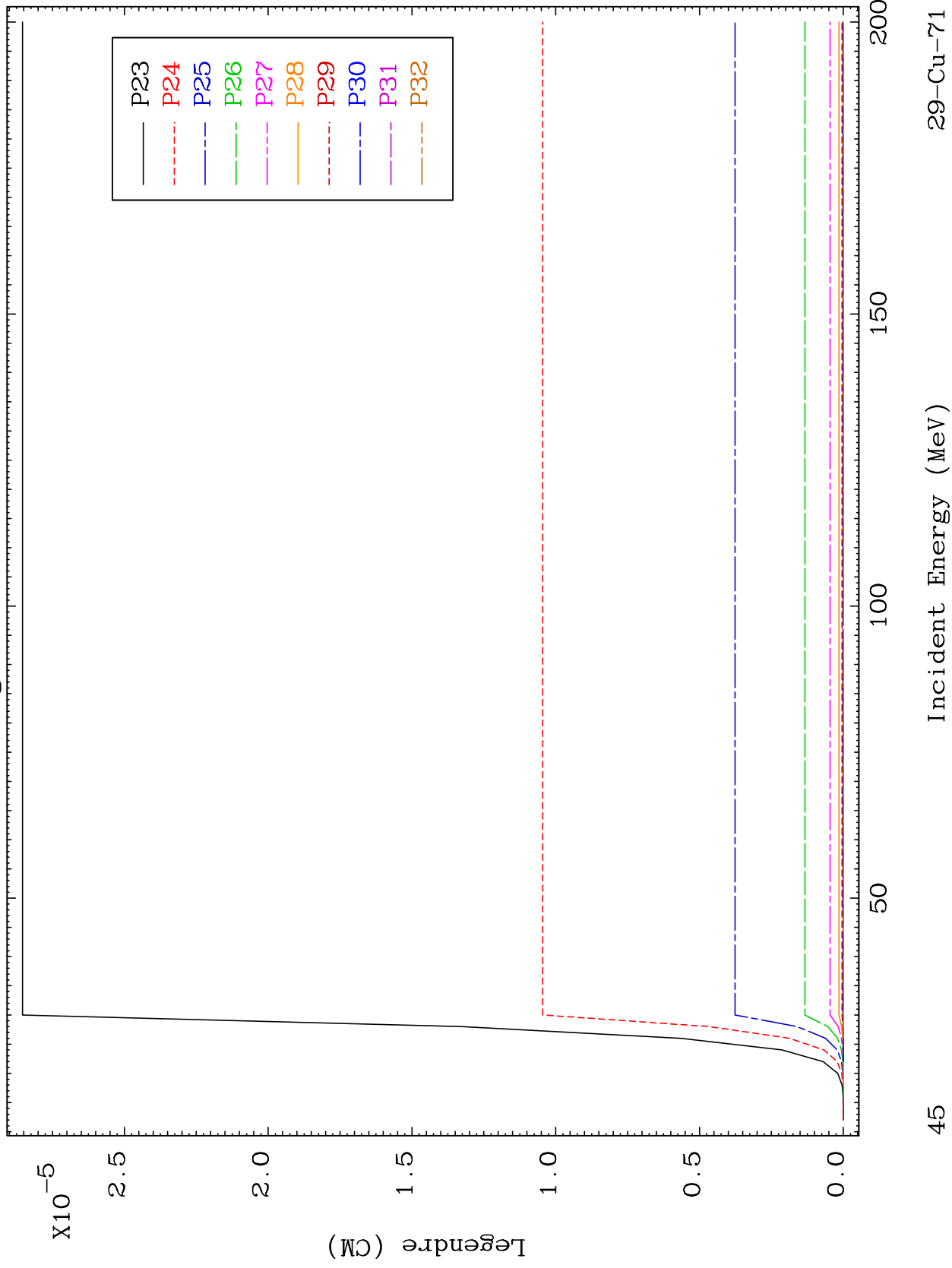
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



45

Incident Energy (MeV)

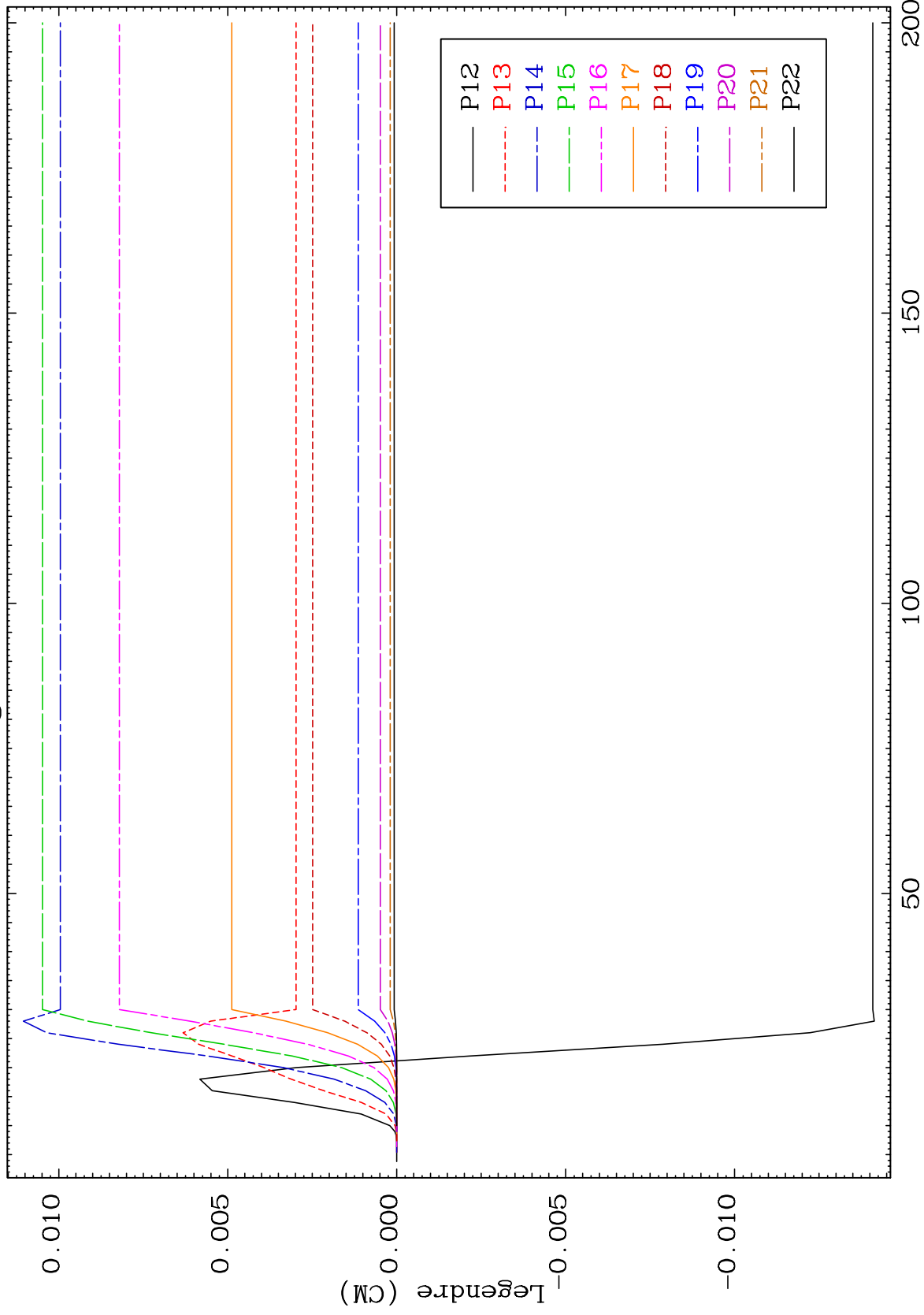
29-Cu-71



MAT 2949

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

29-Cu-71



47

Incident Energy (MeV)

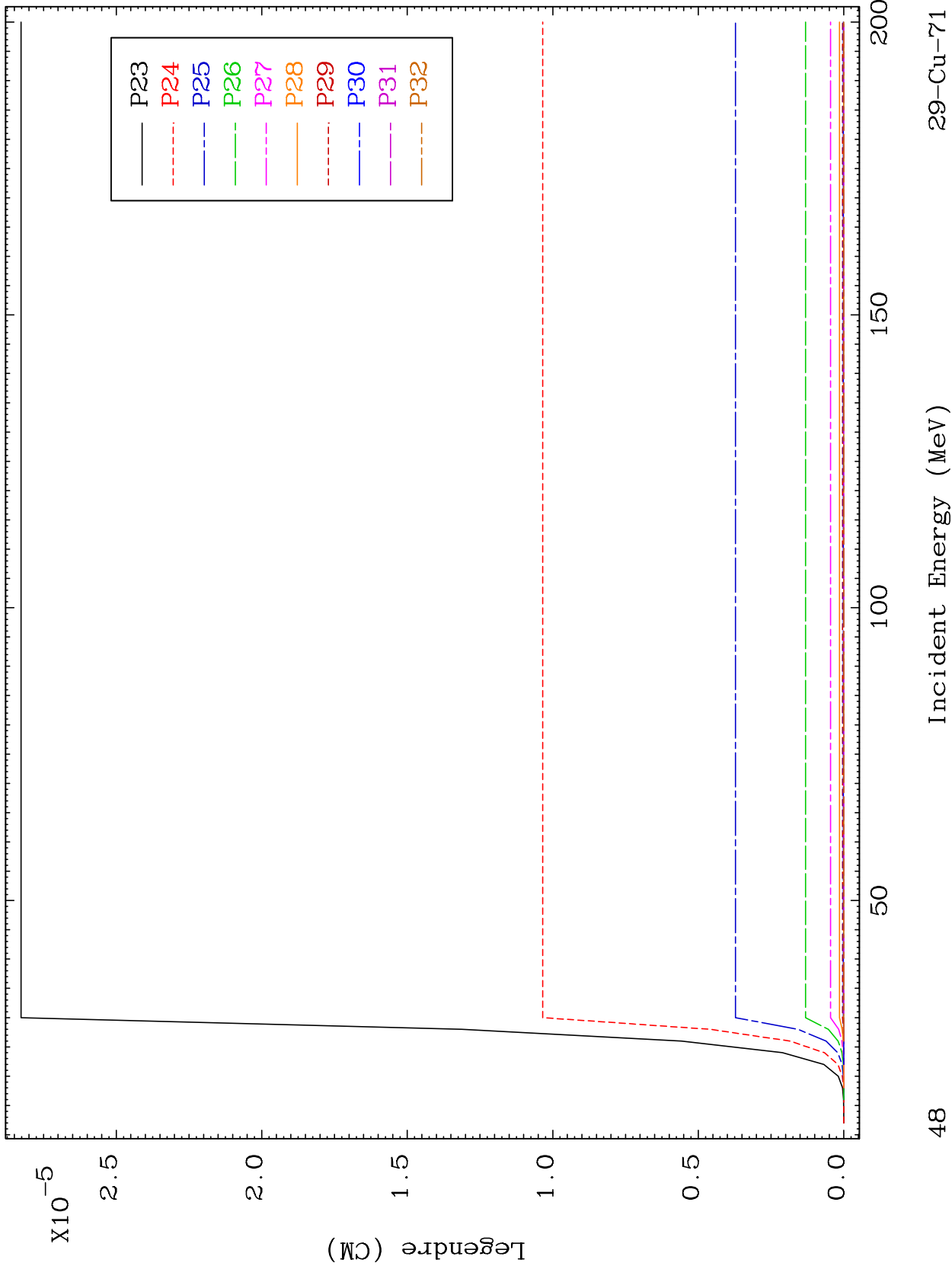
29-Cu-71



MAT 2949

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

29-Cu-71



48

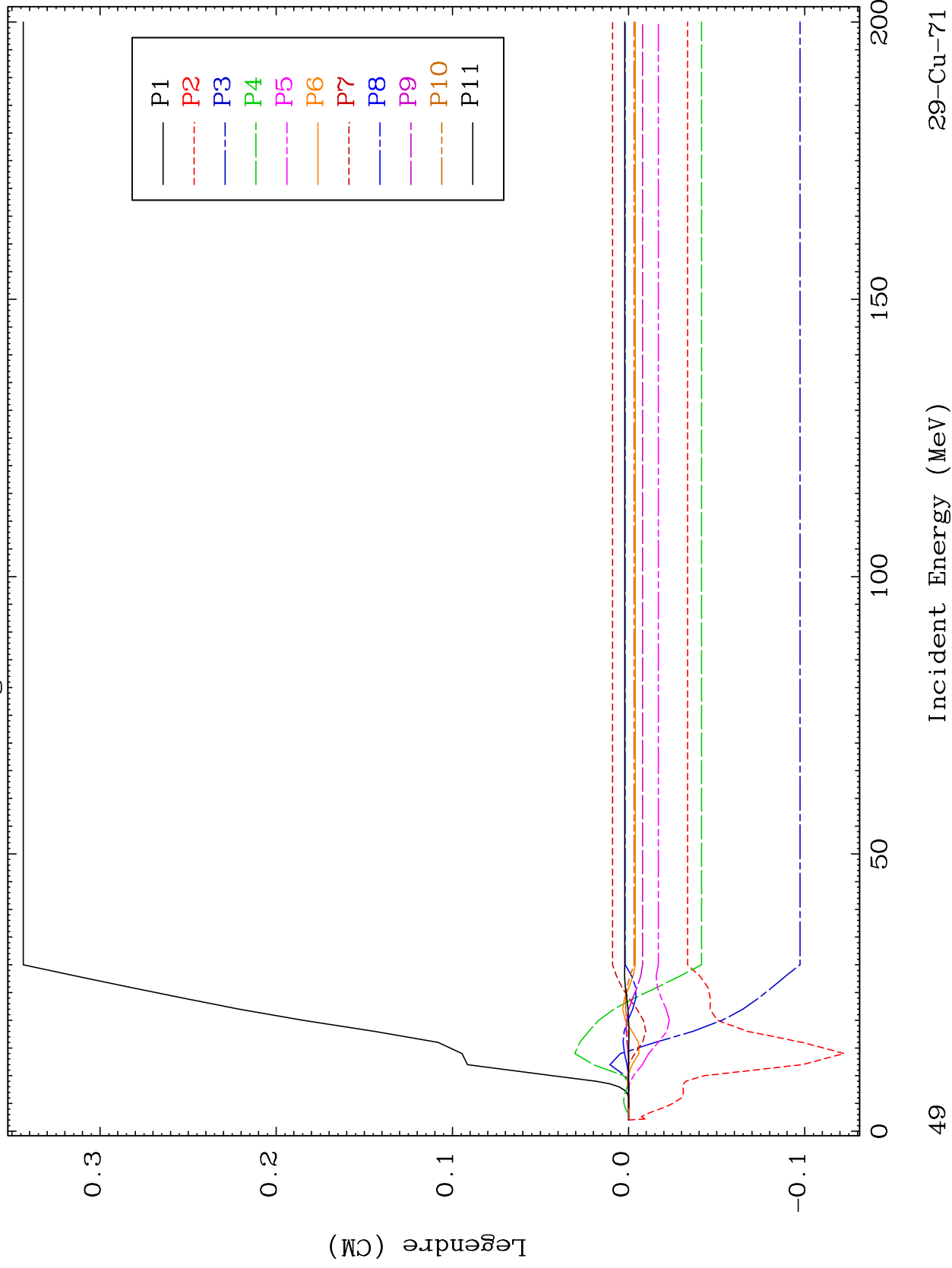
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



29-Cu-71

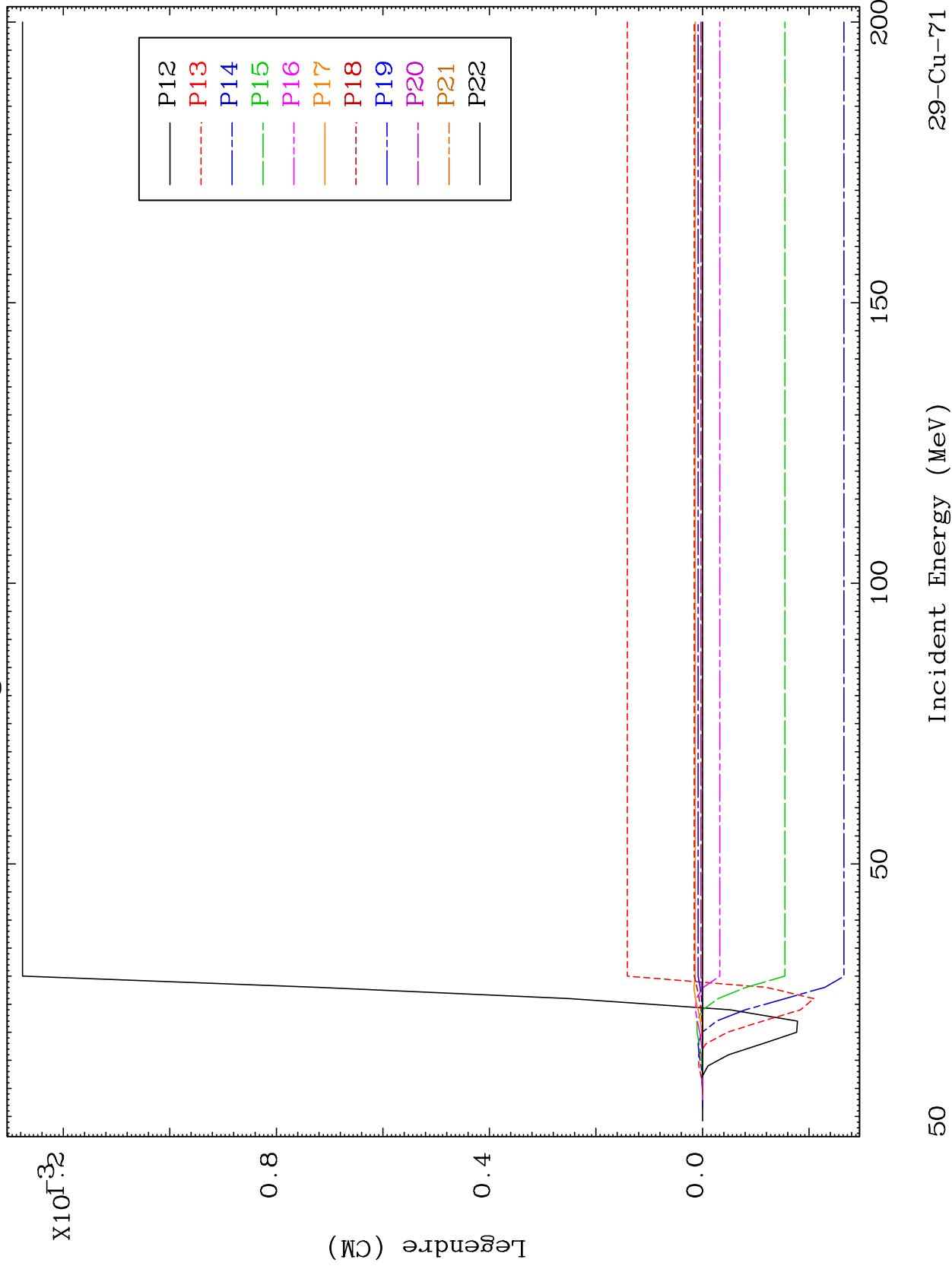
Incident Energy (MeV)

49

MAT 2949

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

29-Cu-71



50

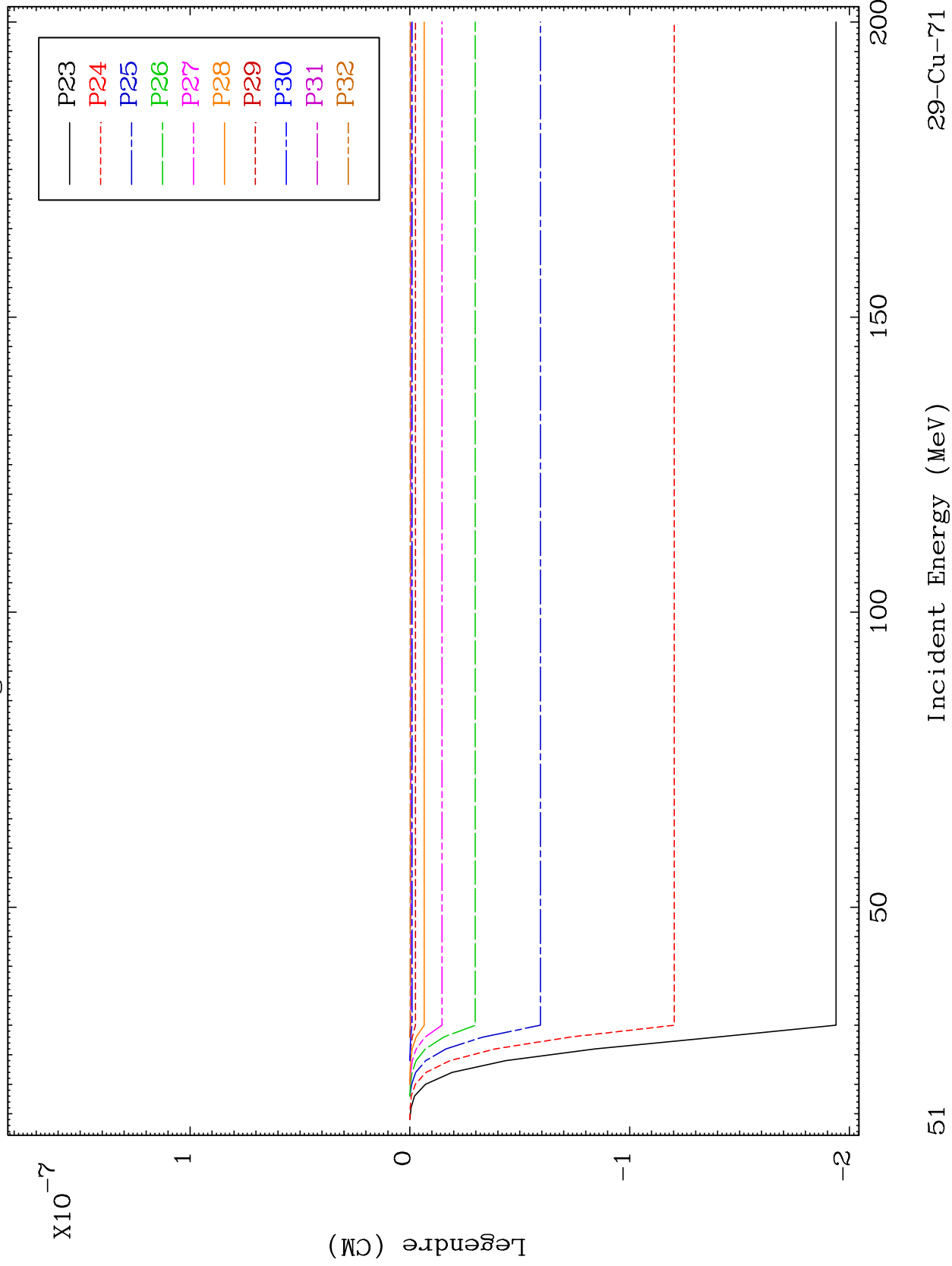
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

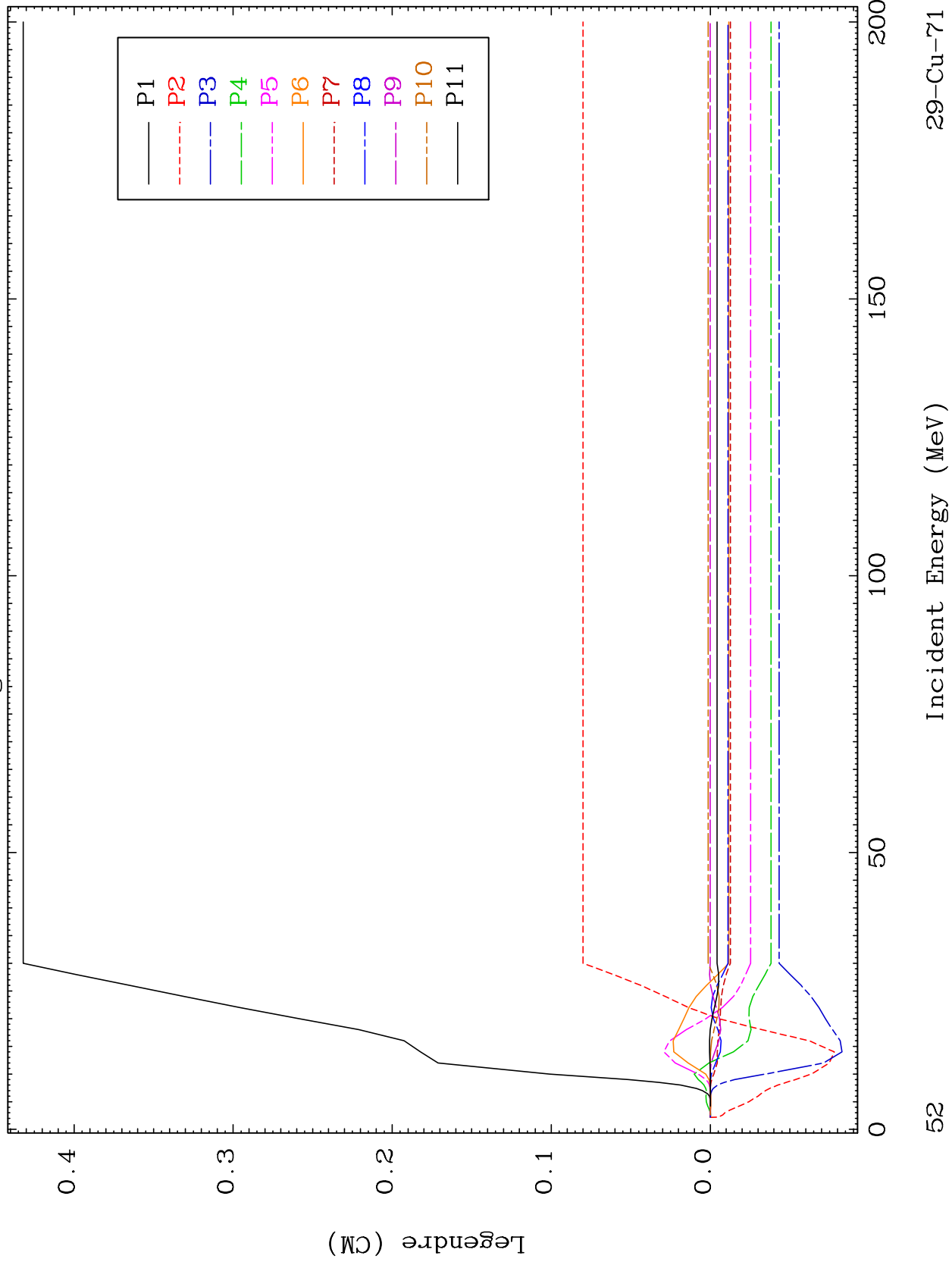
29-Cu-71



MAT 2949

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

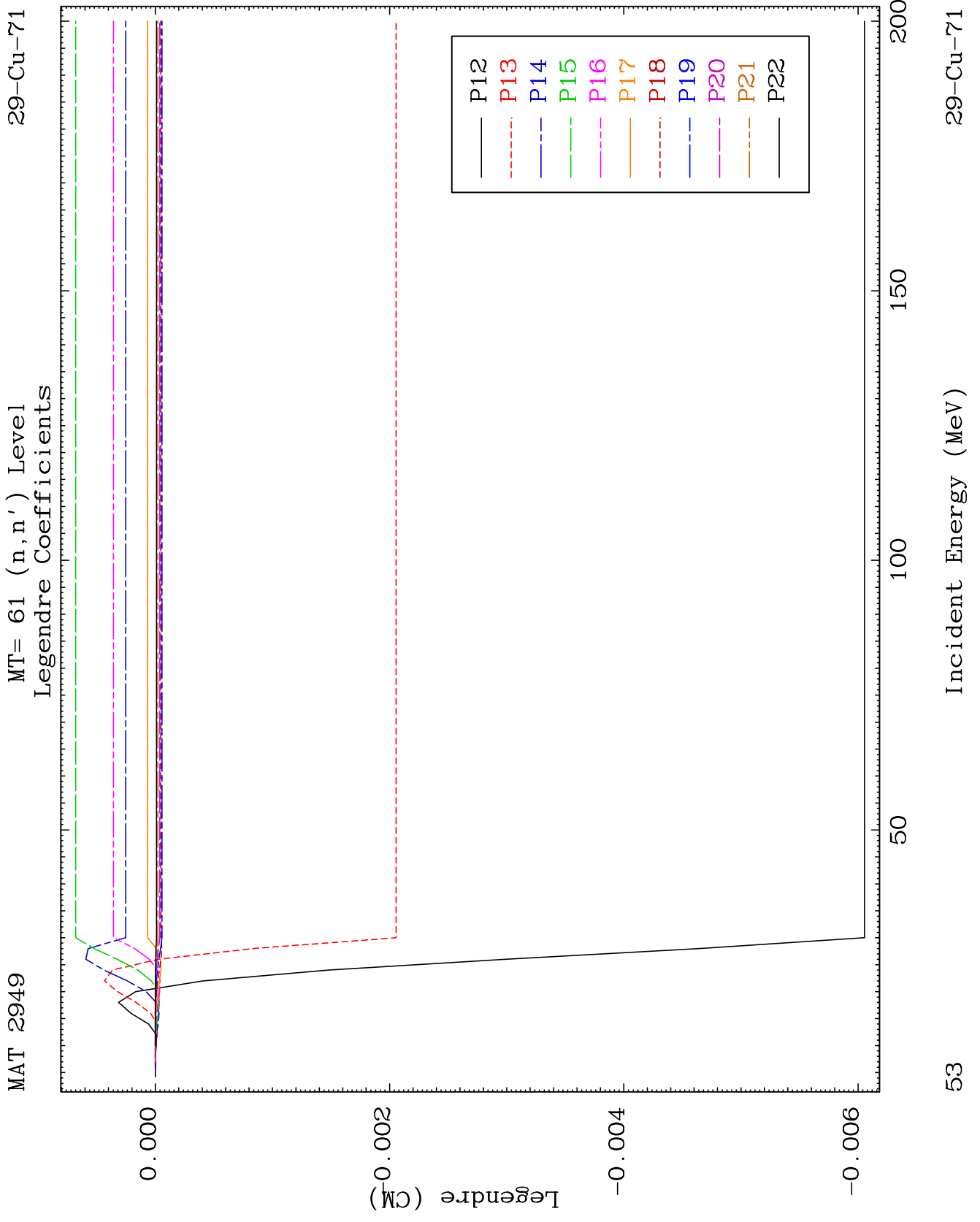
29-Cu-71

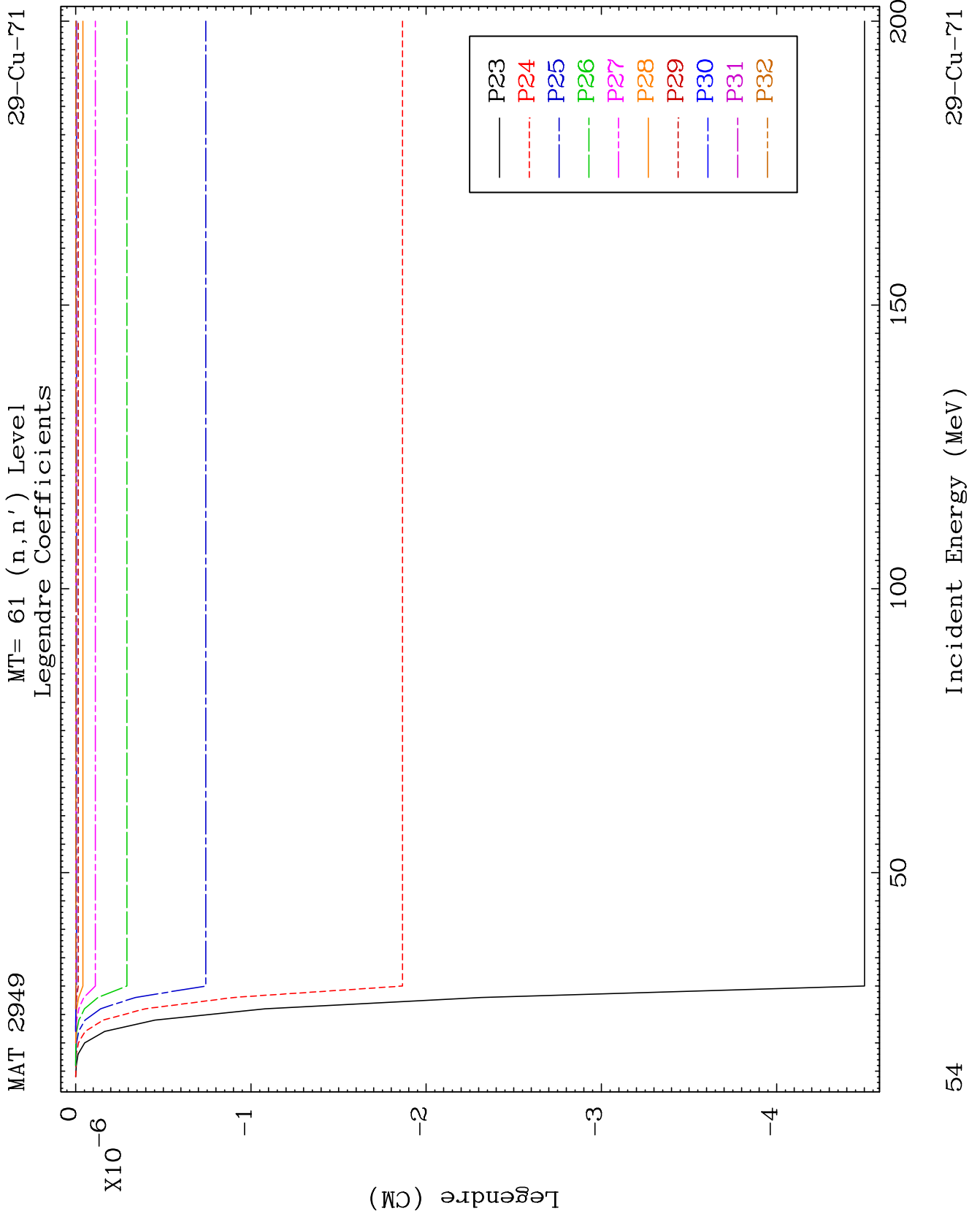


29-Cu-71

Incident Energy (MeV)

52

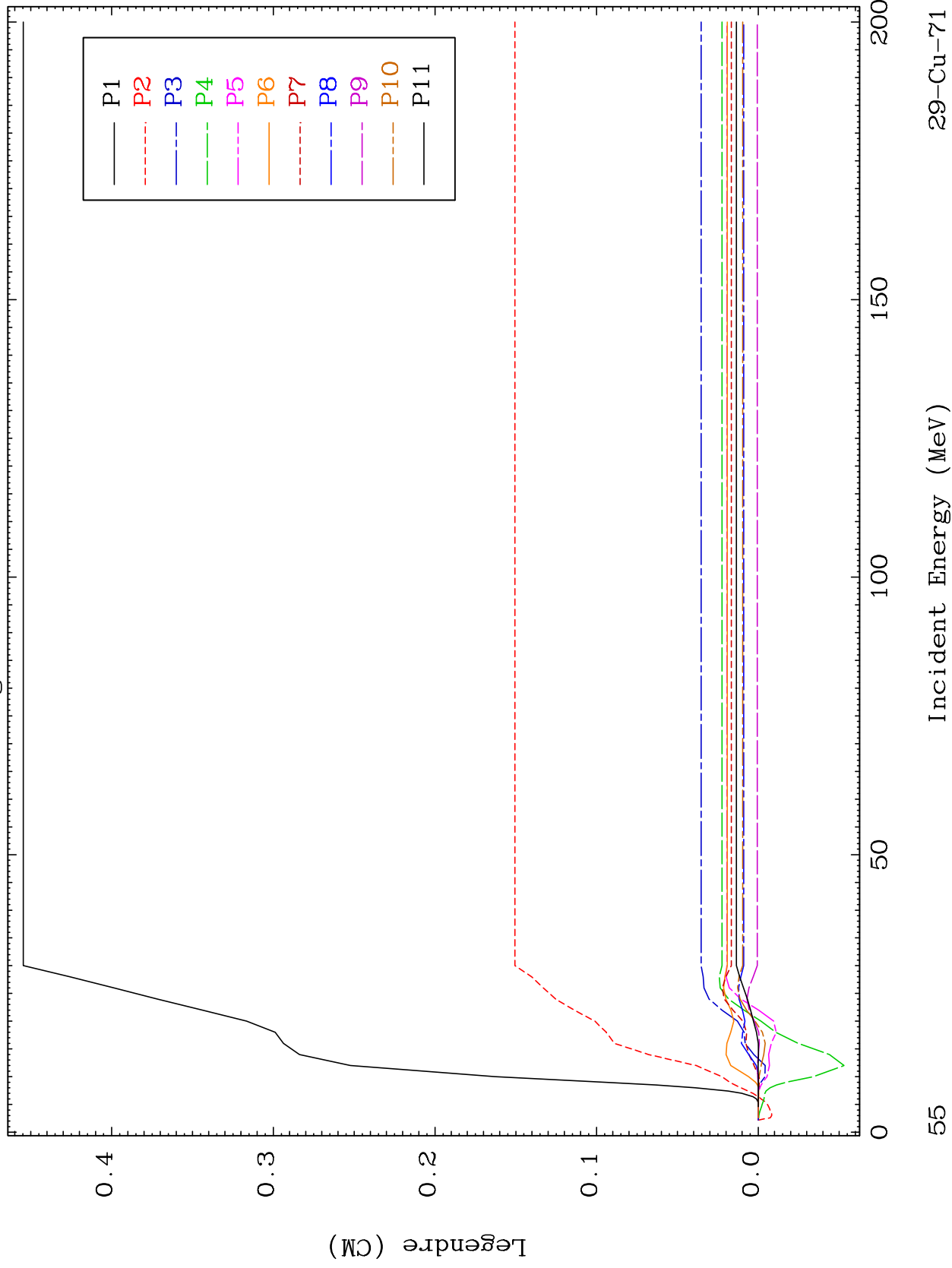




MAT 2949

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

29-Cu-71



29-Cu-71

Incident Energy (MeV)

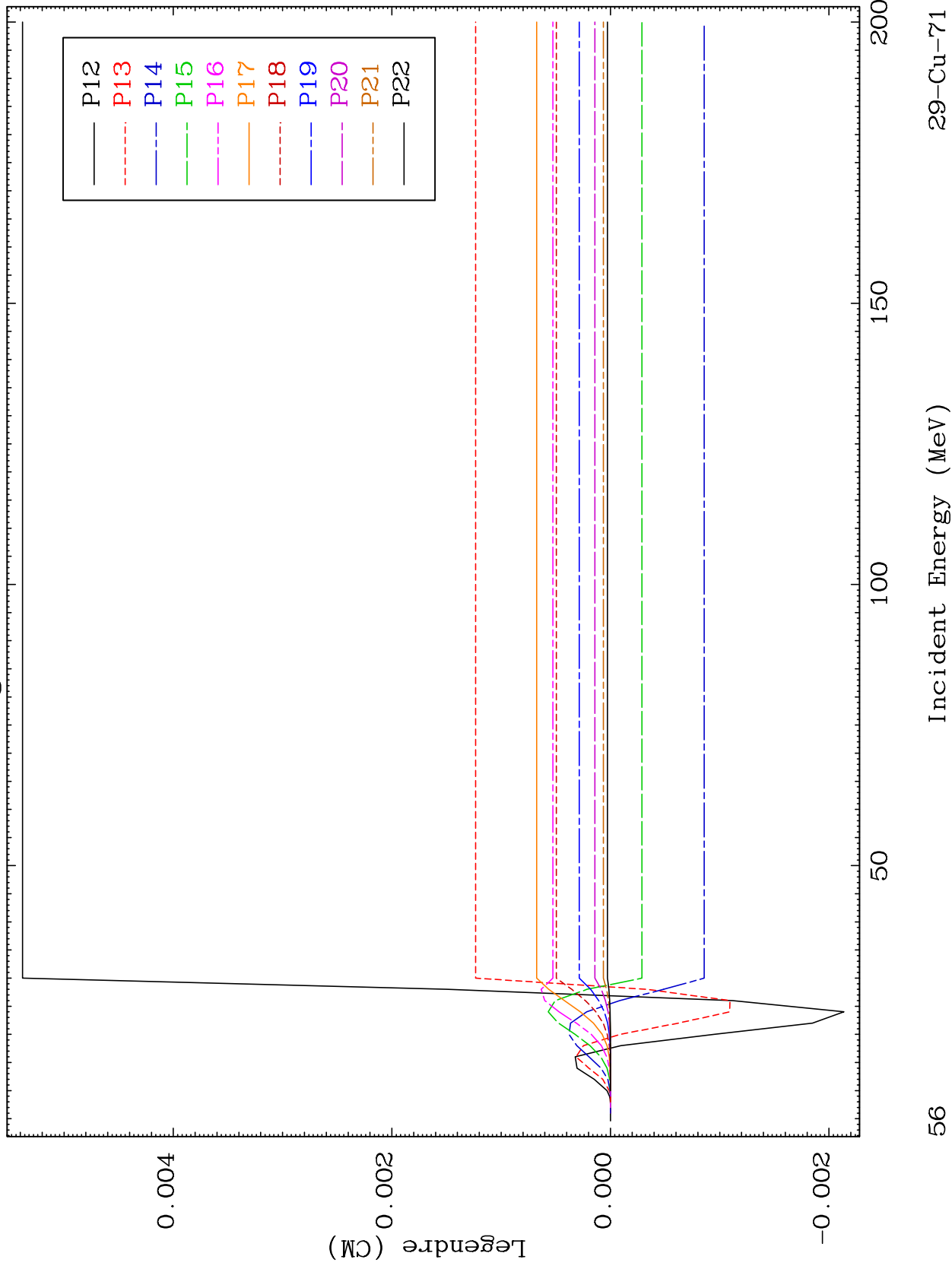
55



MAT 2949

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

29-Cu-71



56

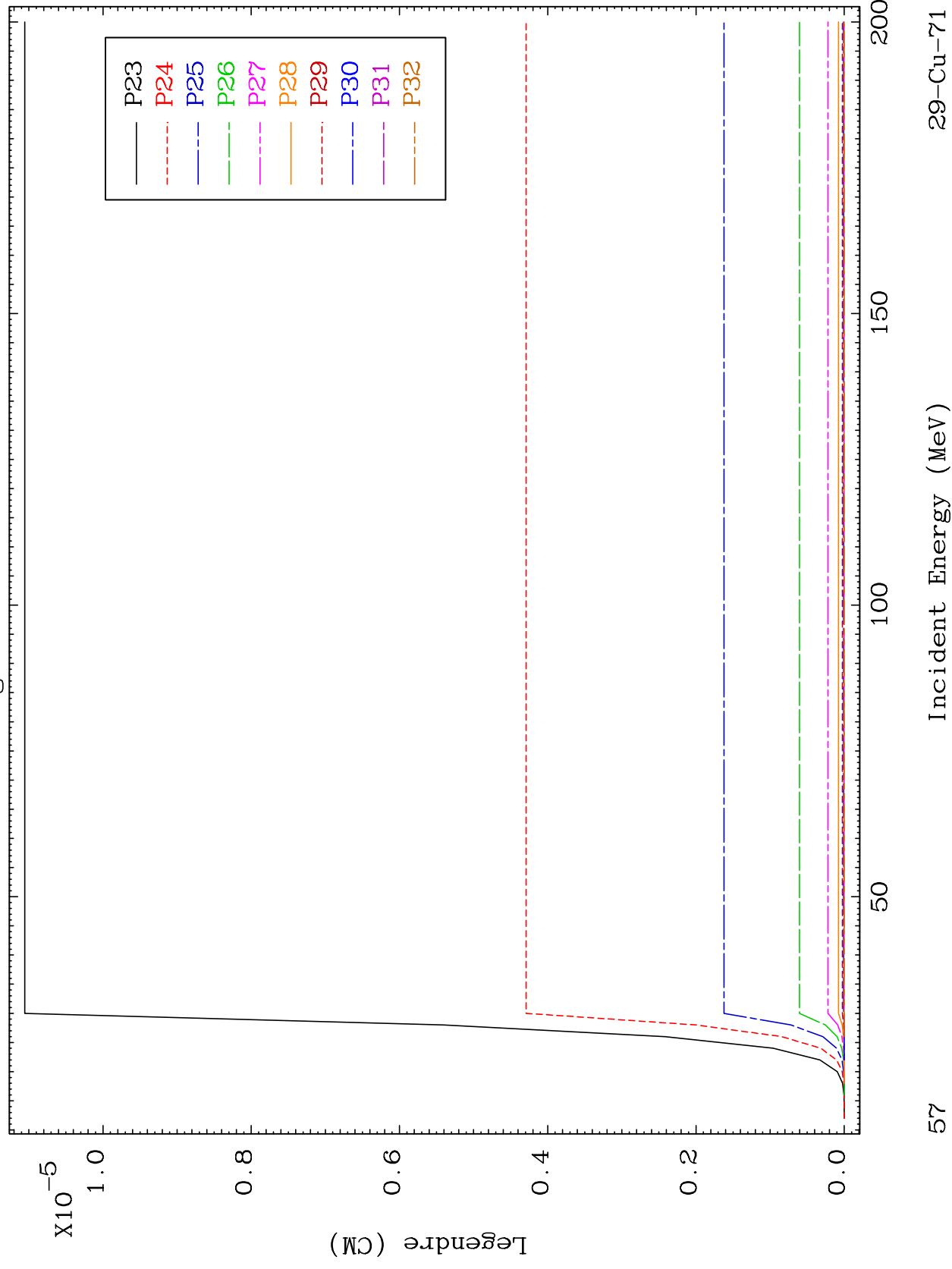
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



57

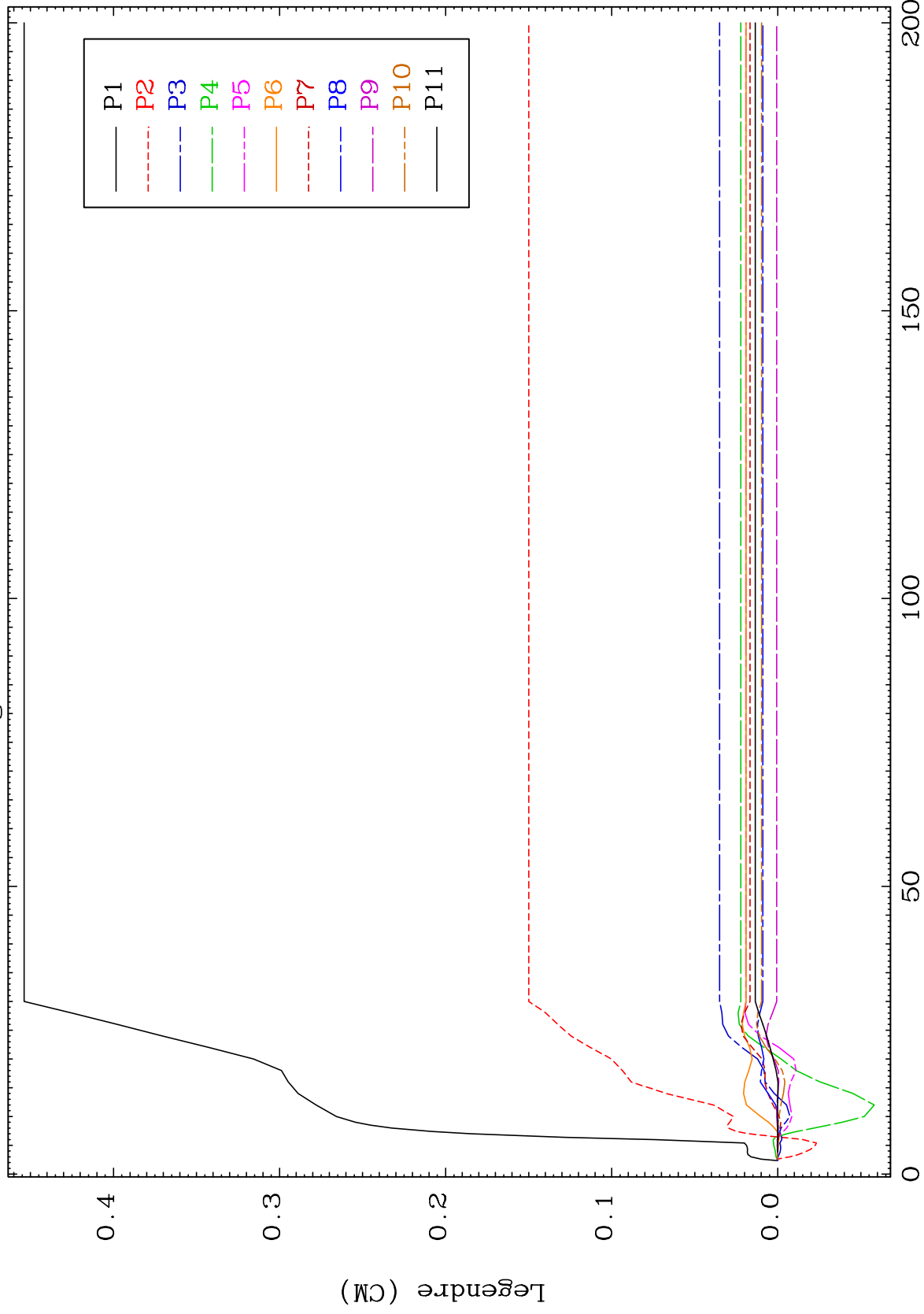
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



58

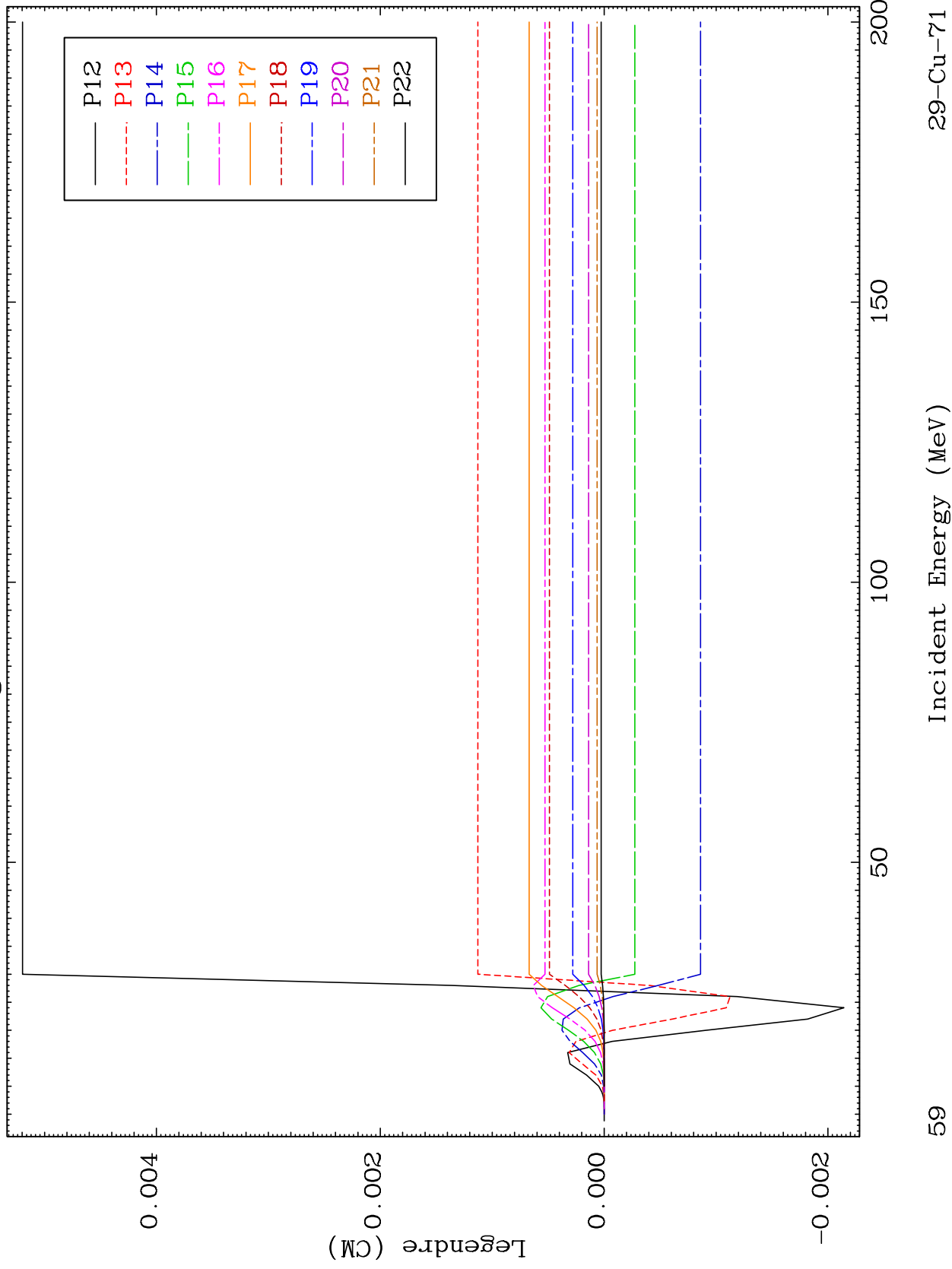
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



59

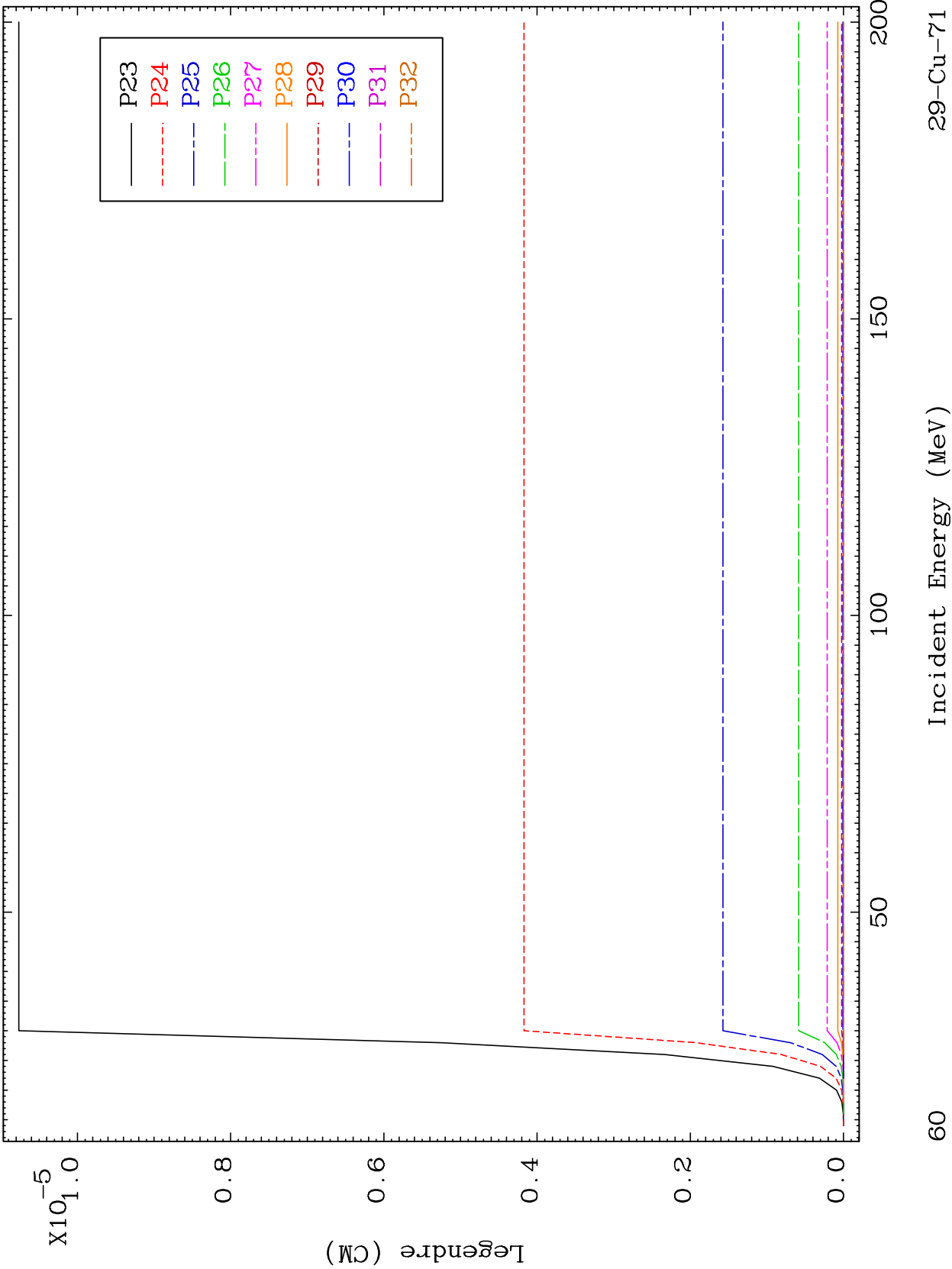
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

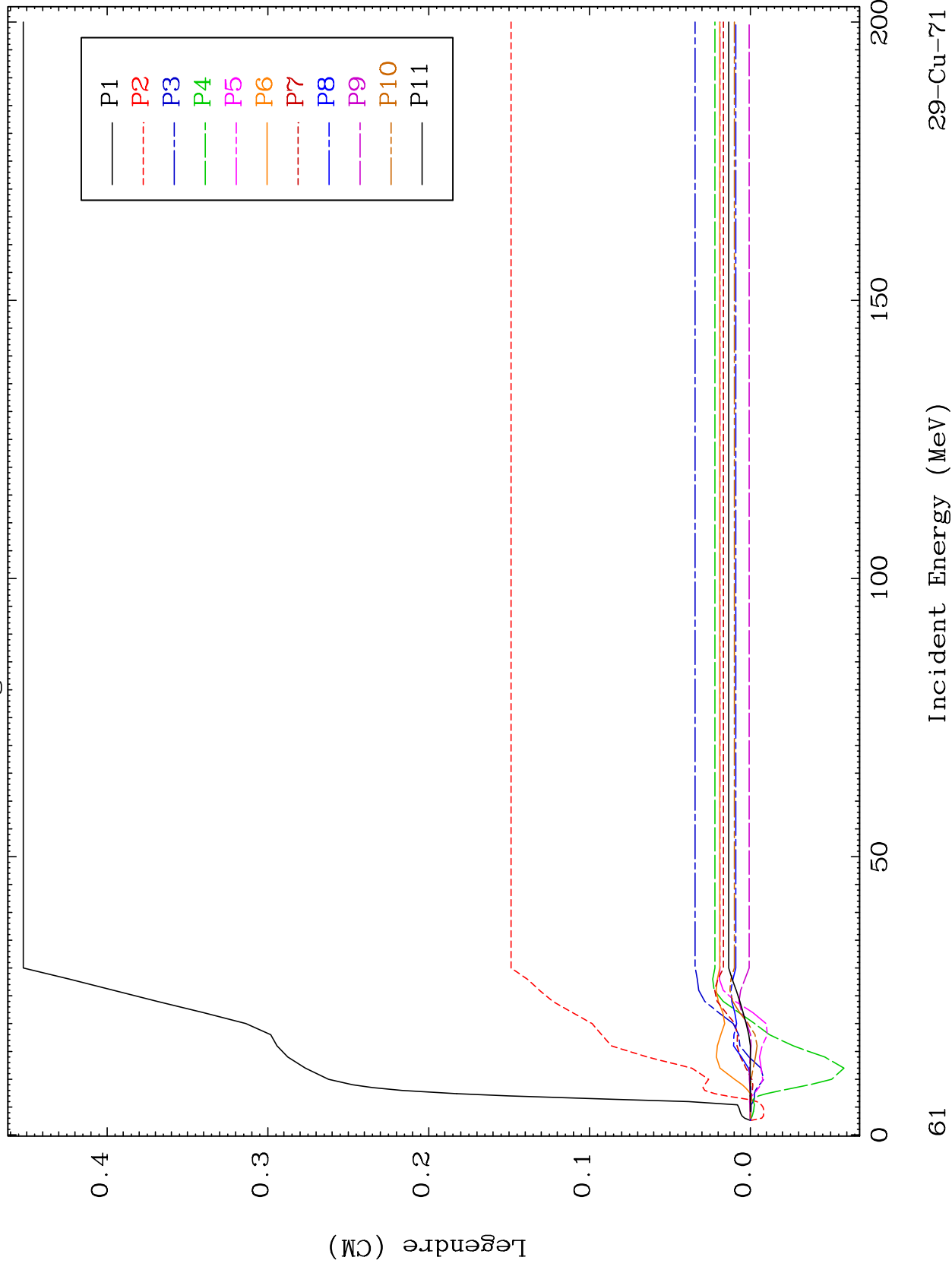
29-Cu-71



MAT 2949

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

29-Cu-71



61

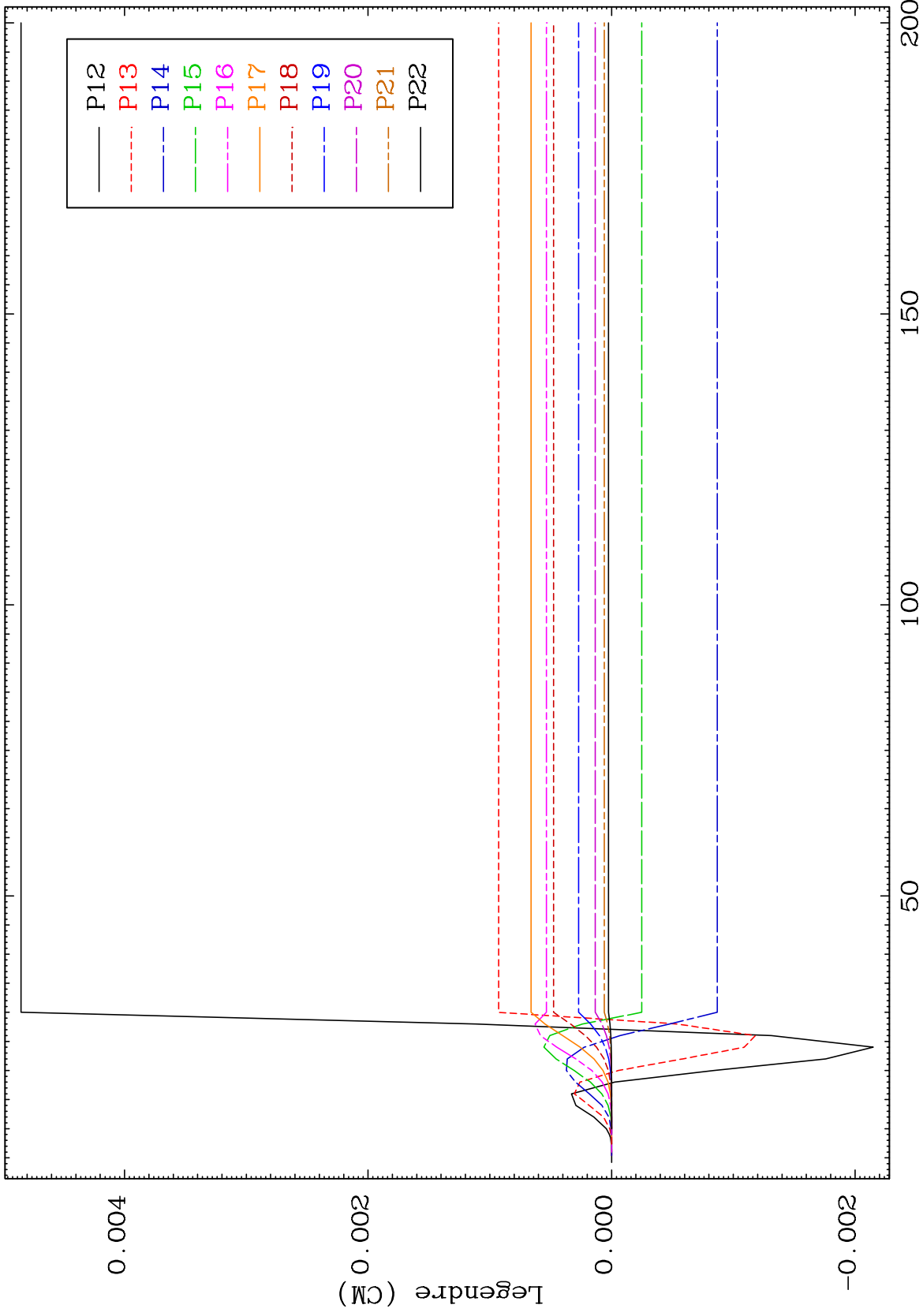
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



62

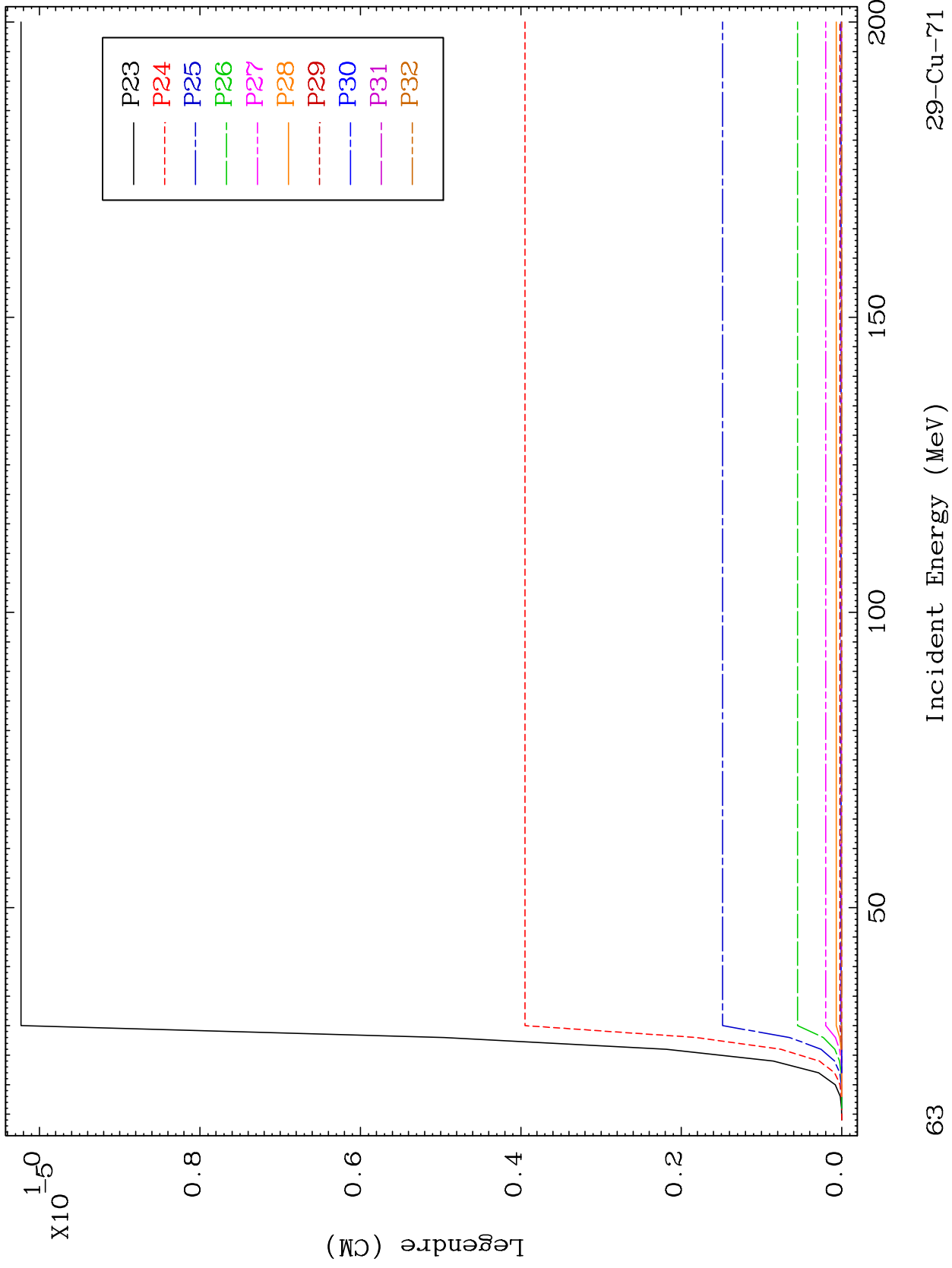
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71

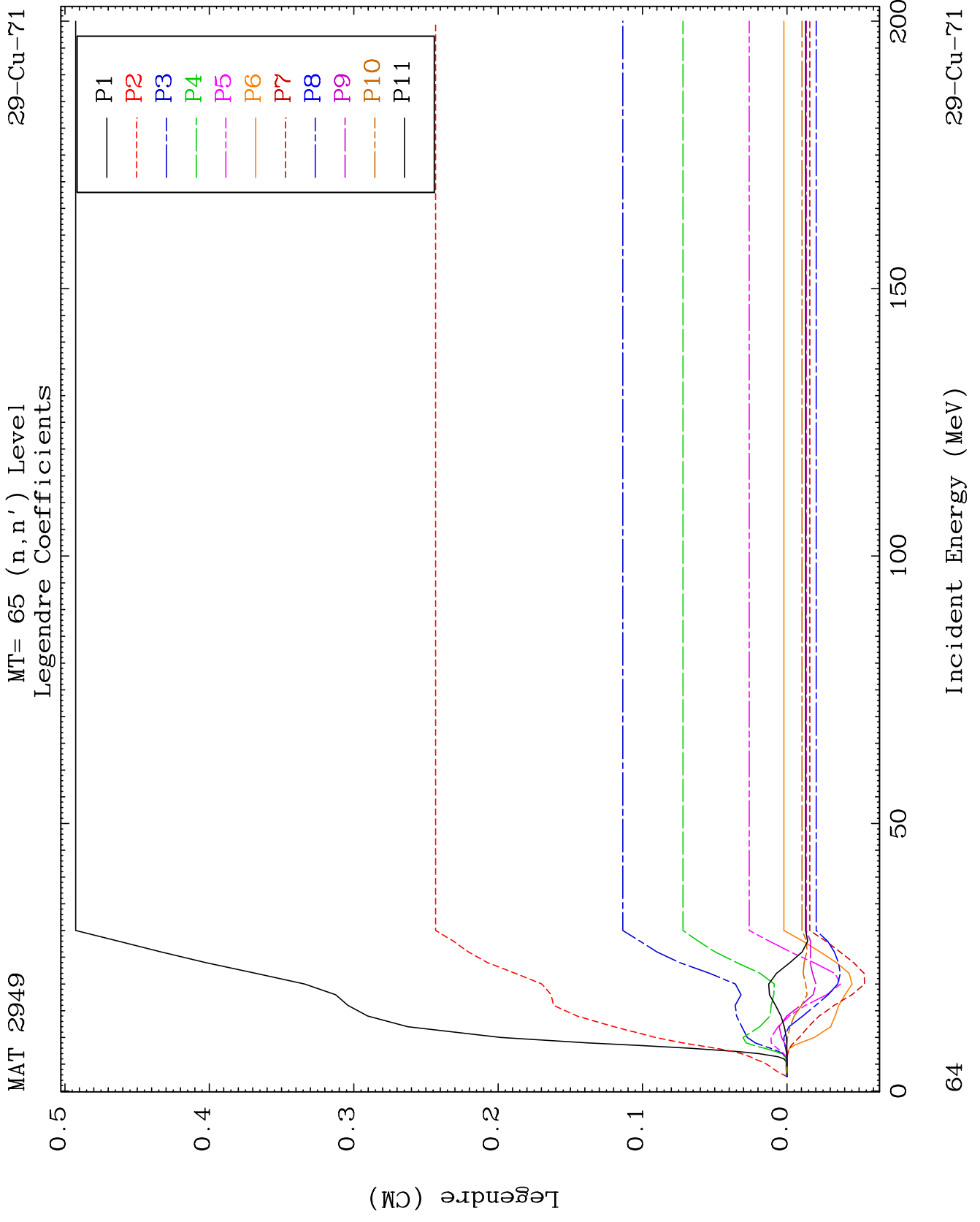


63

Incident Energy (MeV)

29-Cu-71

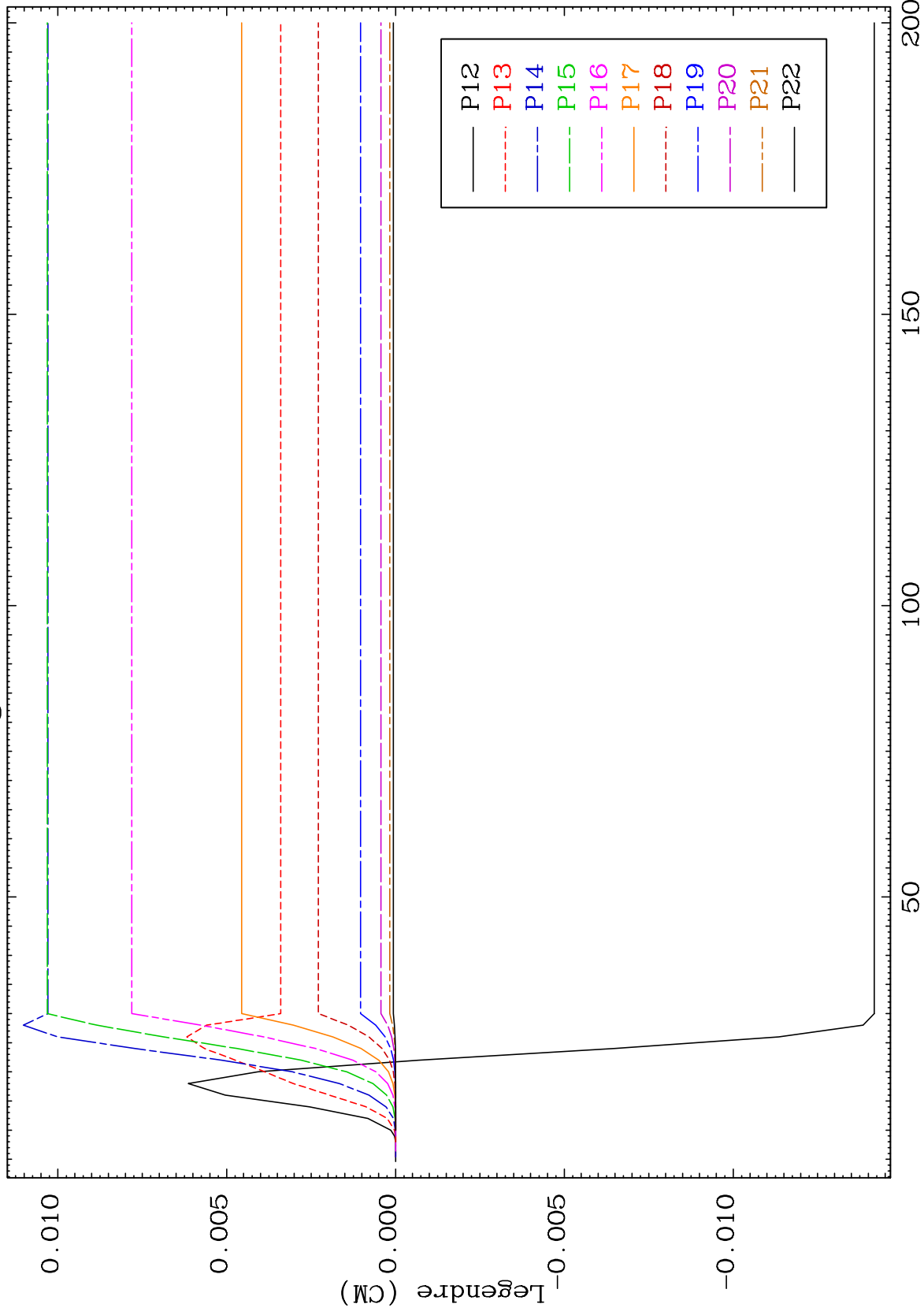




MAT 2949

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

29-Cu-71



65

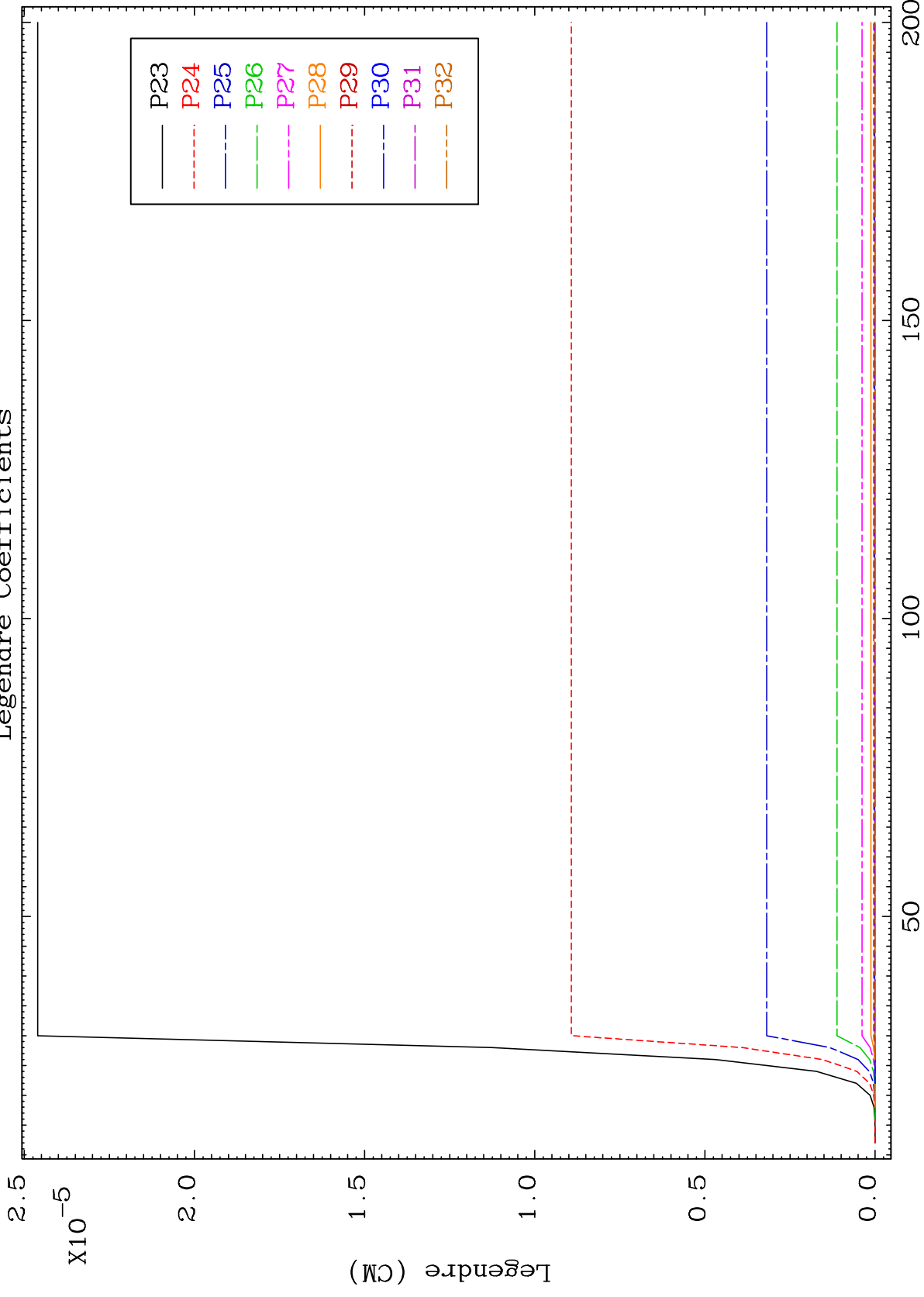
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



66

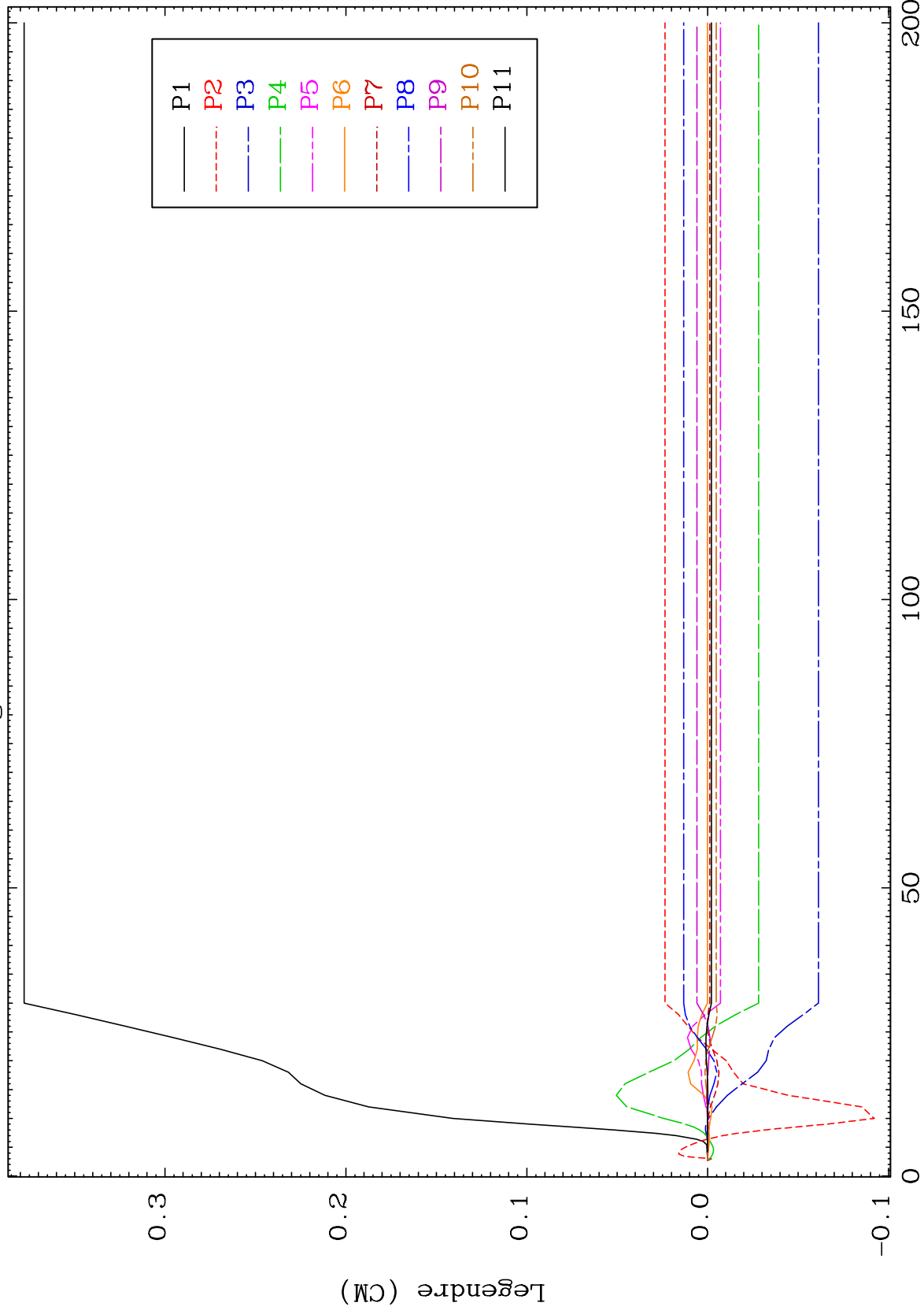
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



67

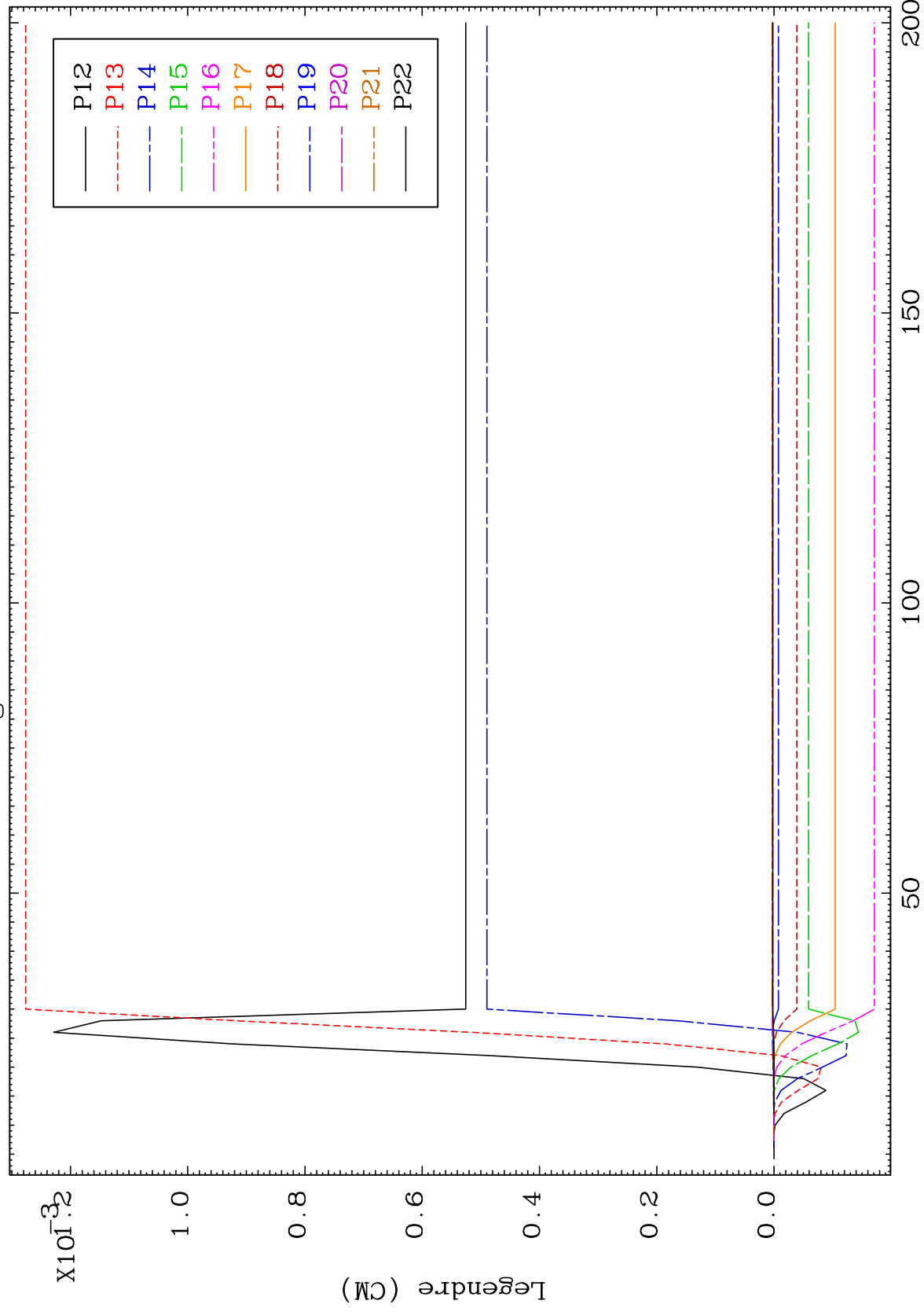
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



68

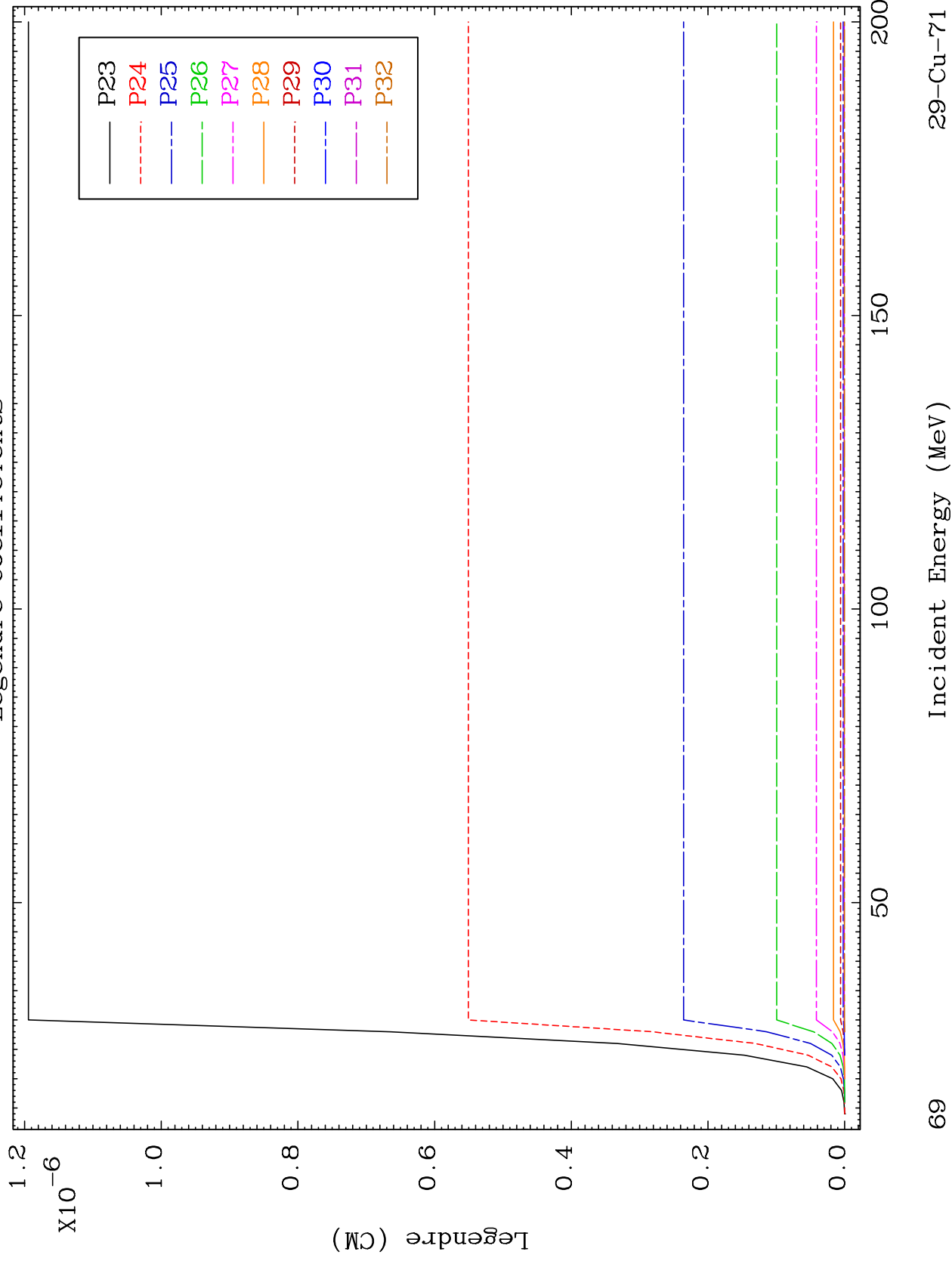
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



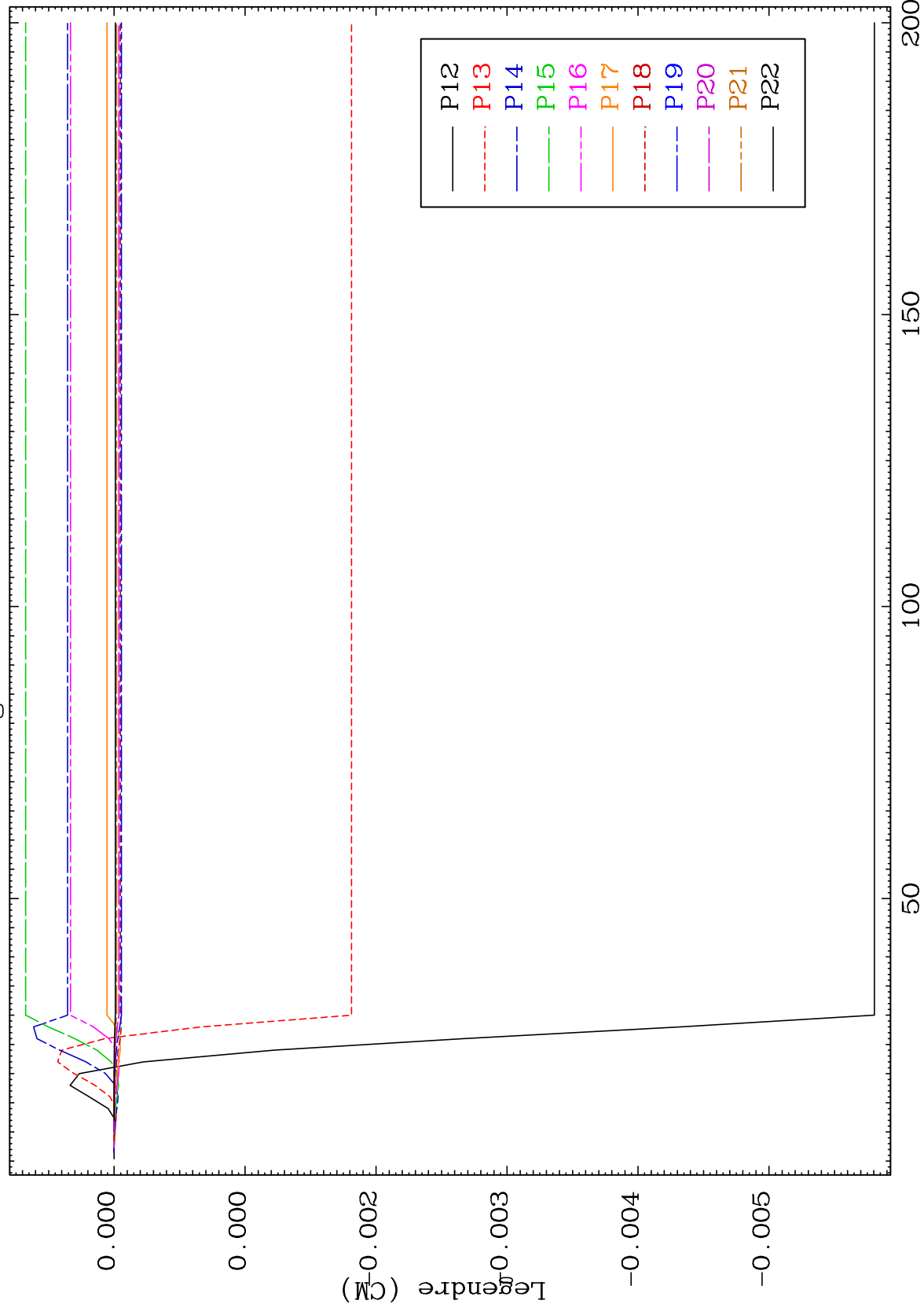
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MAT 2949

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

29-Cu-71

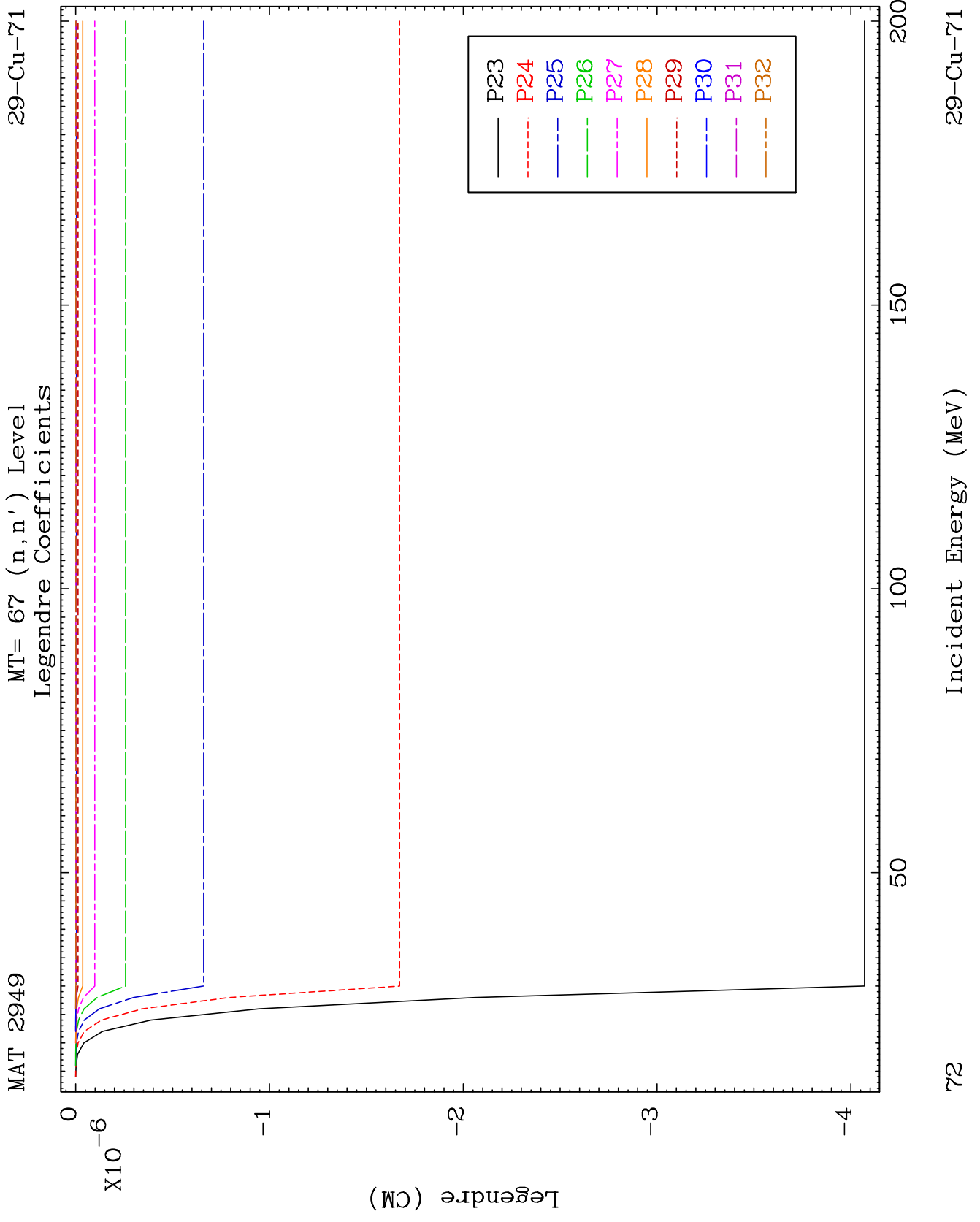


71

Incident Energy (MeV)

29-Cu-71

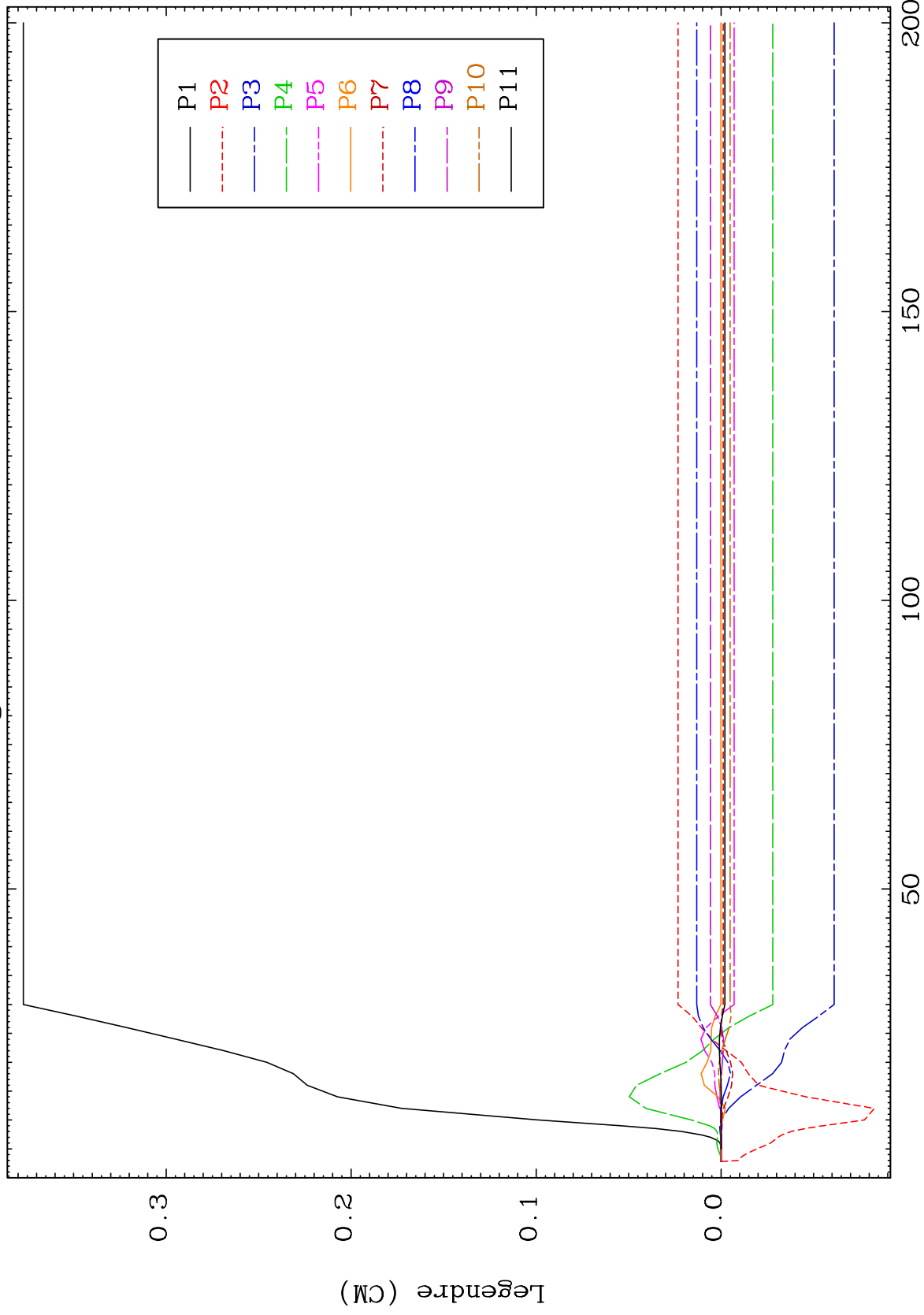




MAT 2949

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

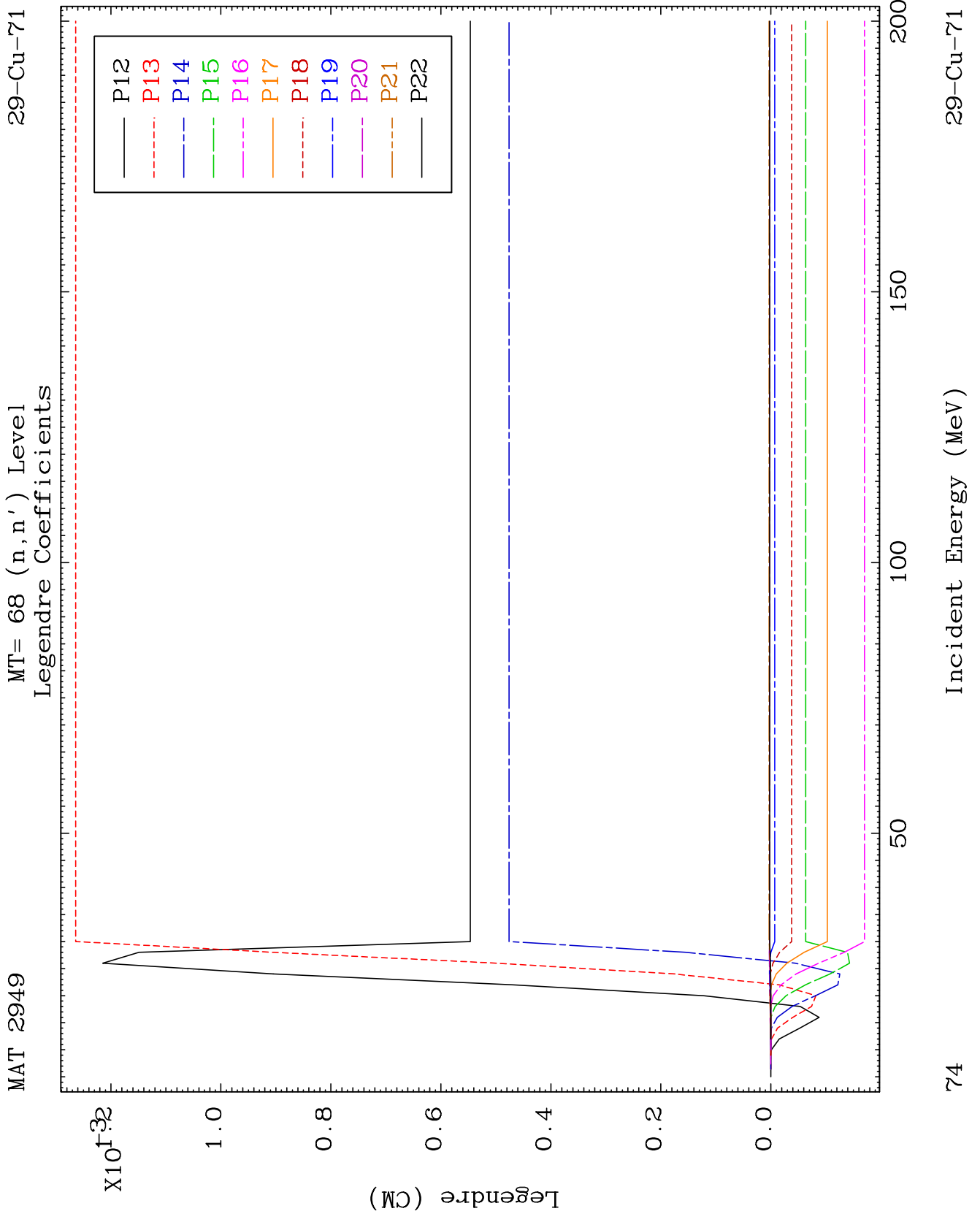
29-Cu-71



73

Incident Energy (MeV)

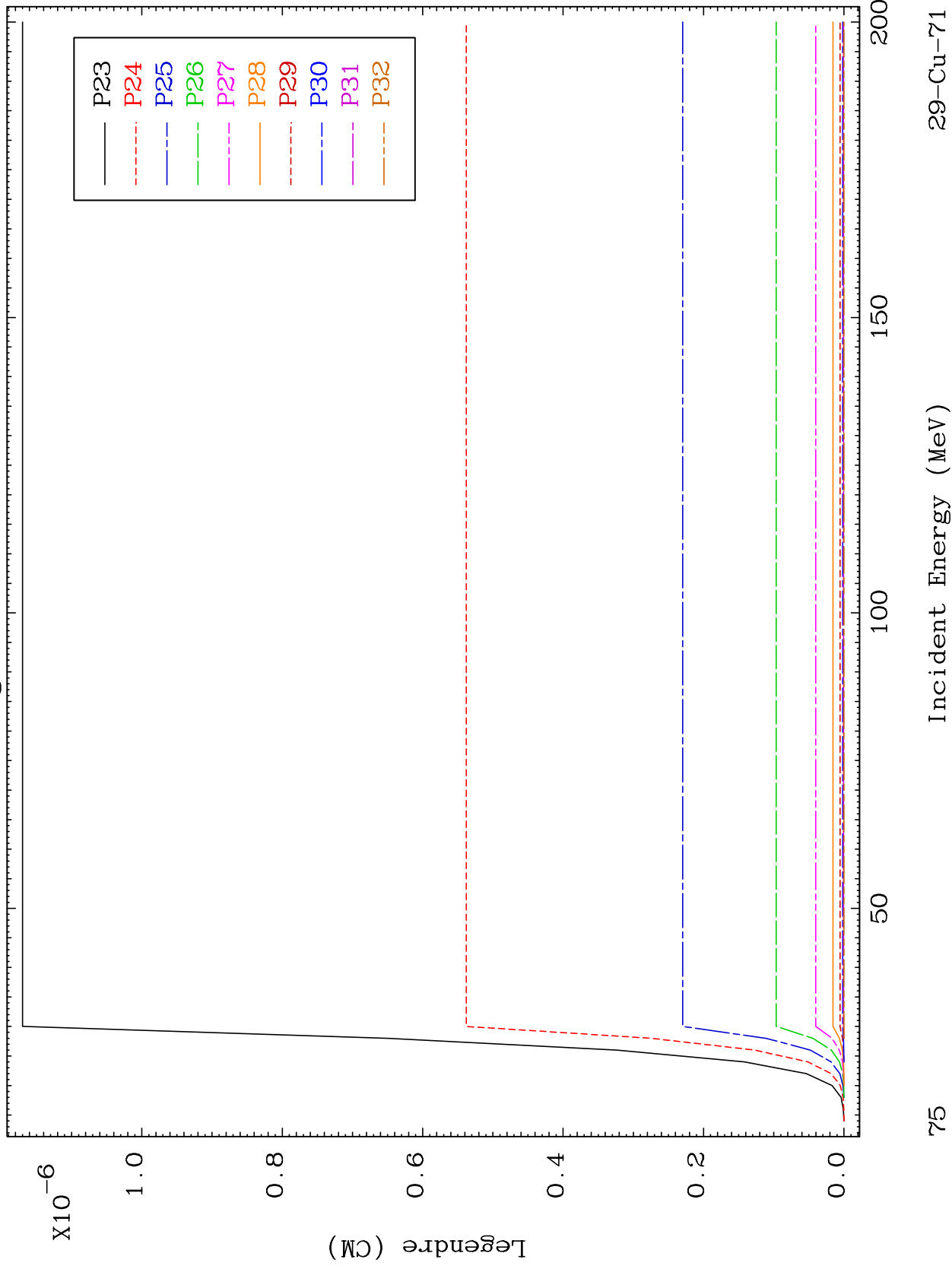
29-Cu-71



MAT 2949

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

29-Cu-71



75

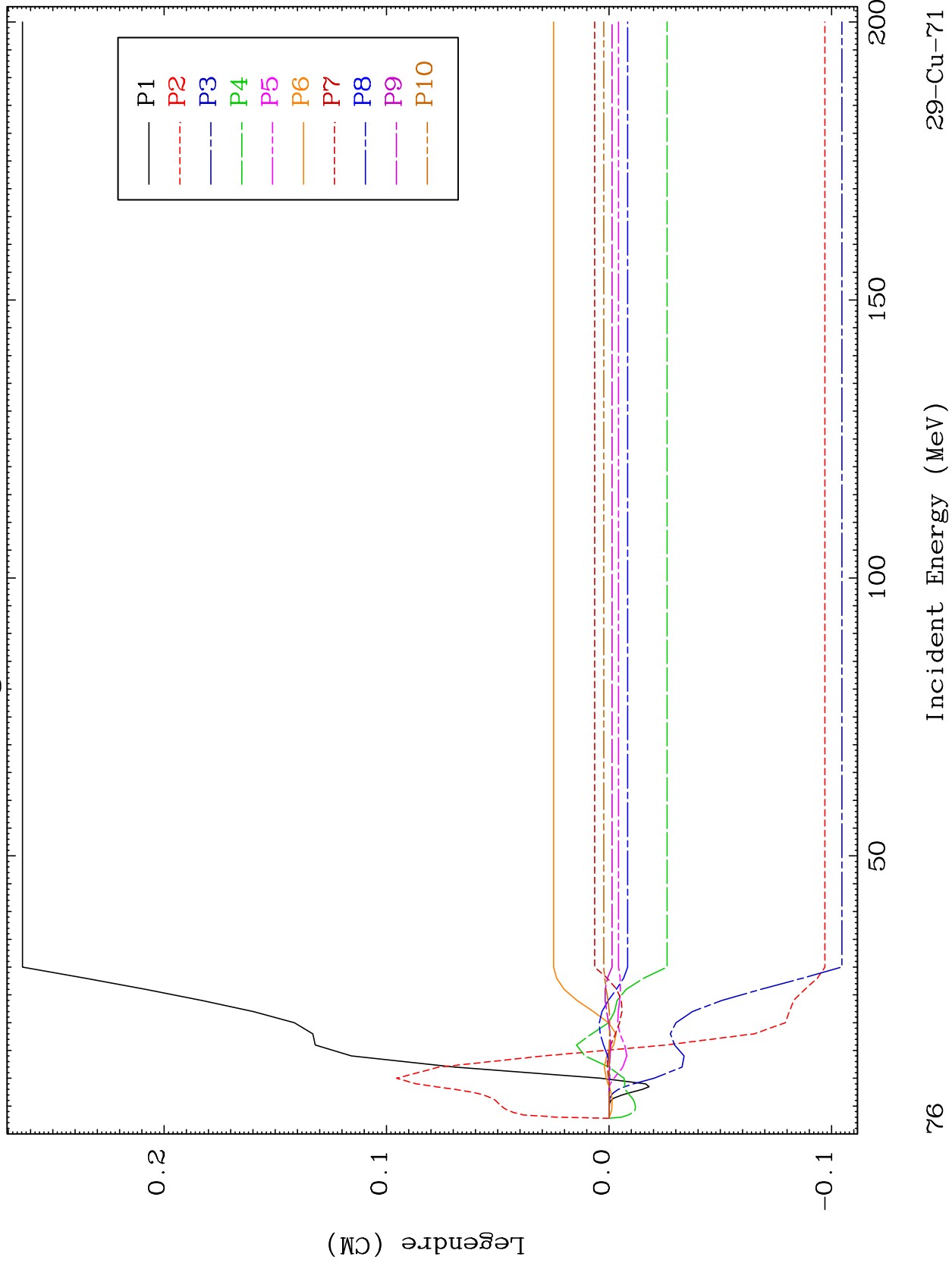
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71

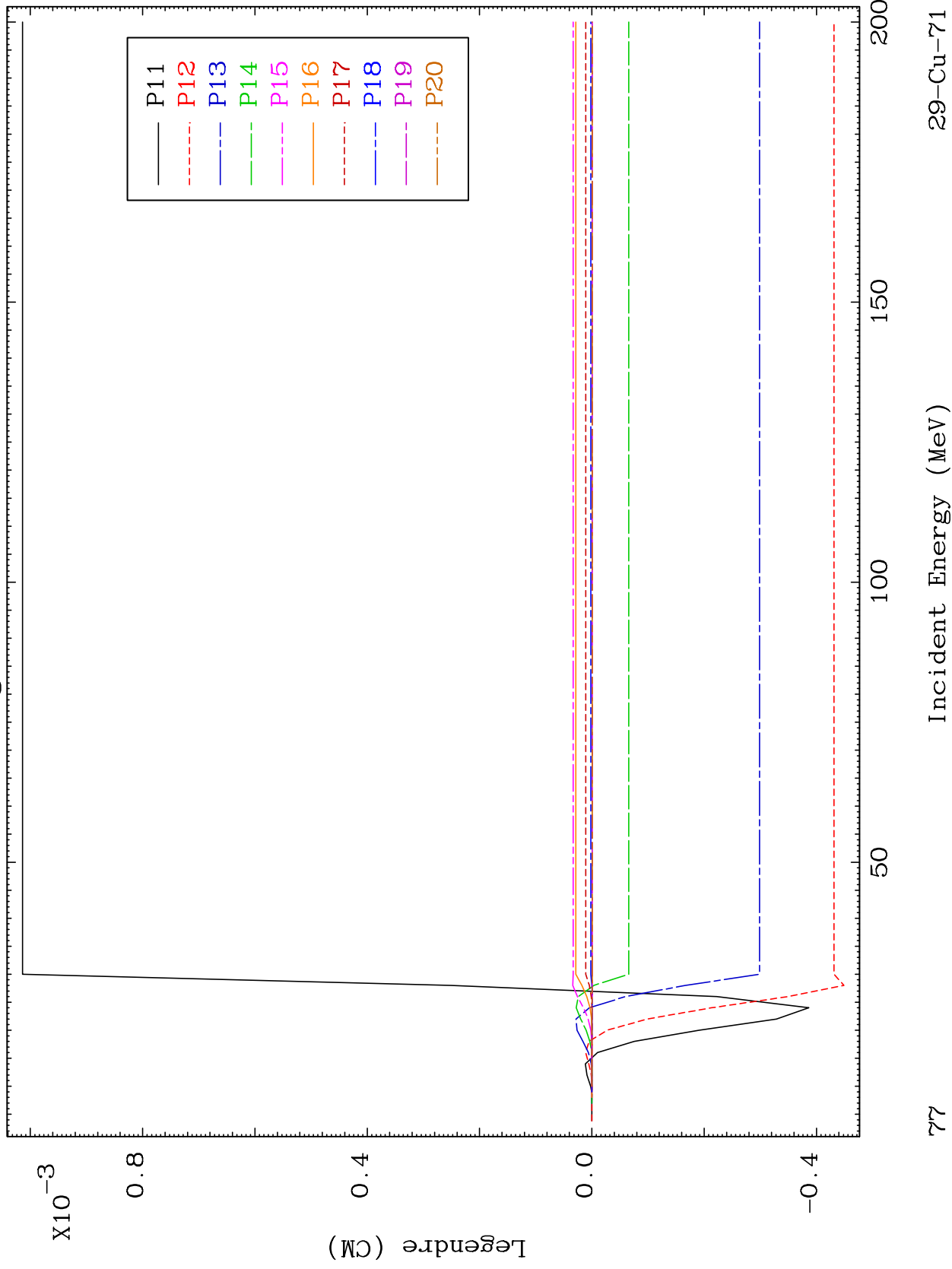


76

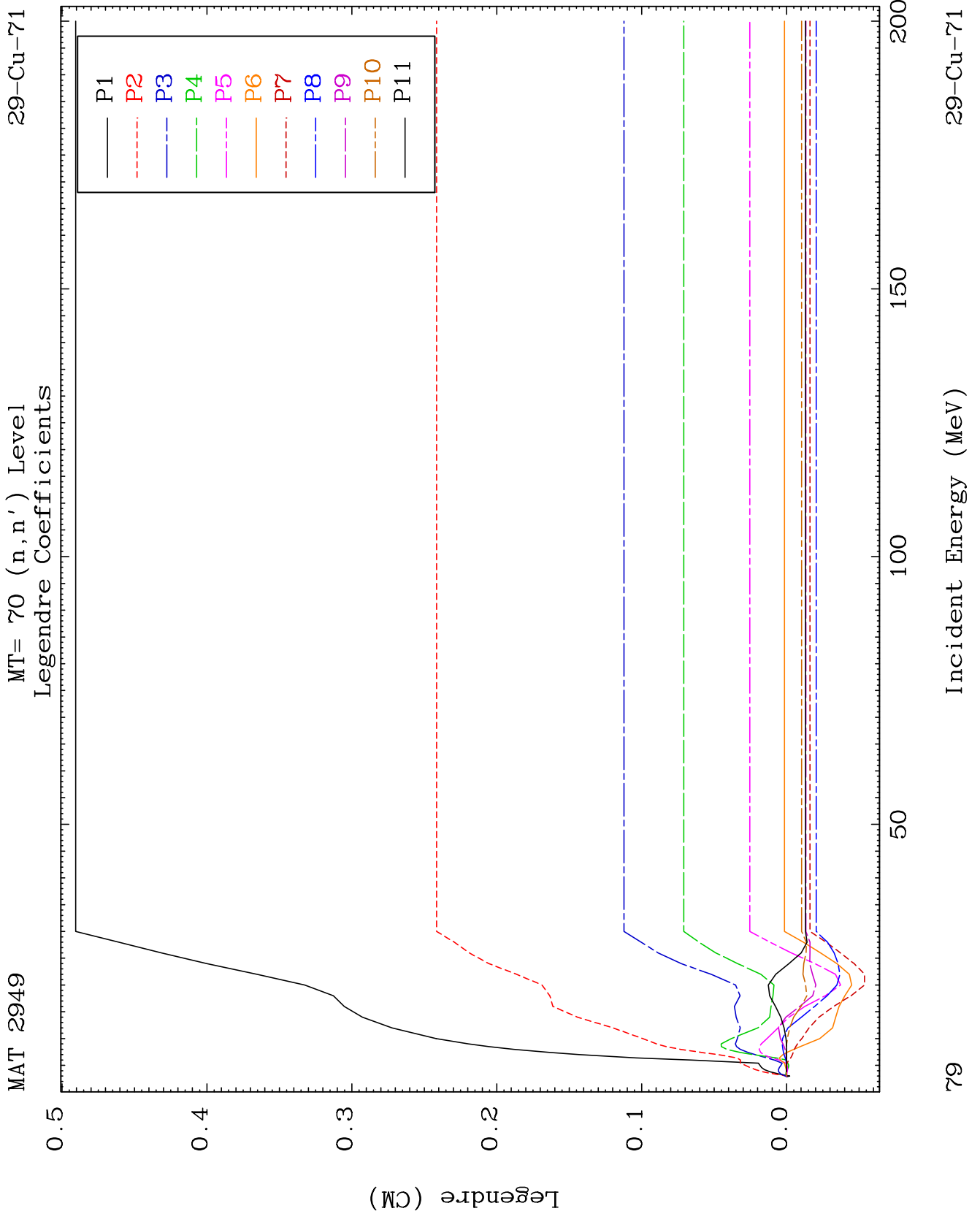
MAT 2949

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

29-Cu-71





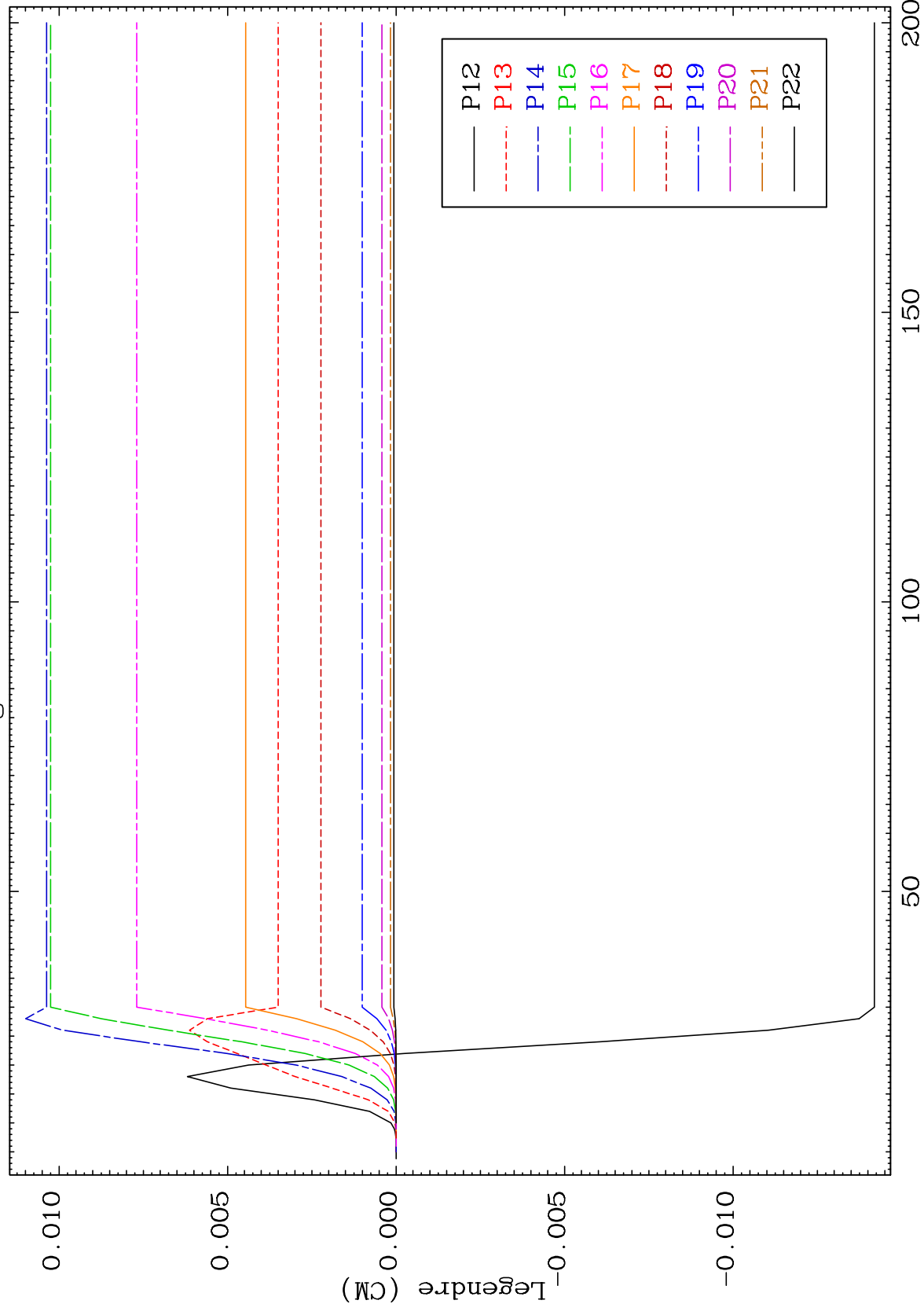




MAT 2949

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

29-Cu-71



80

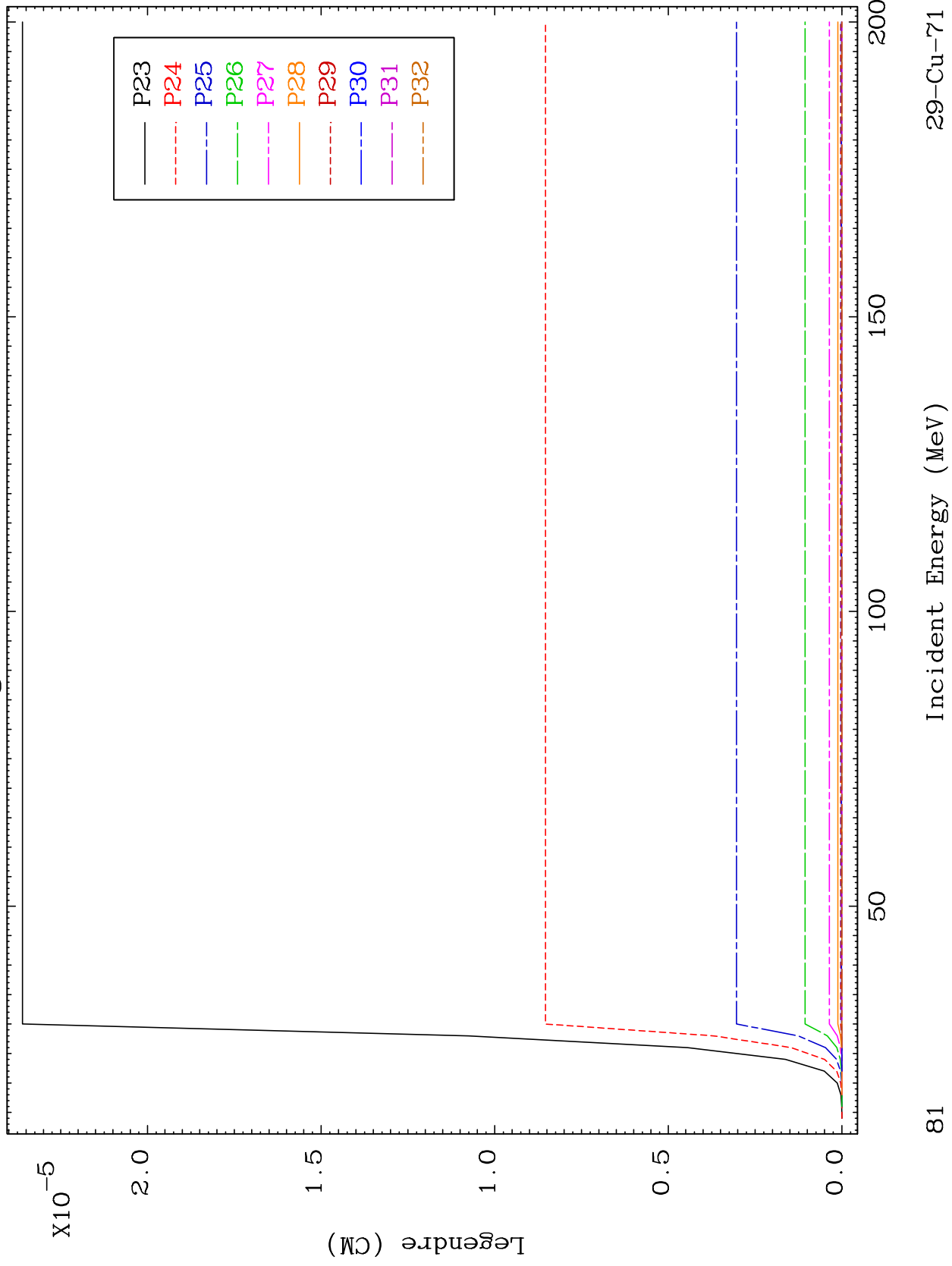
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

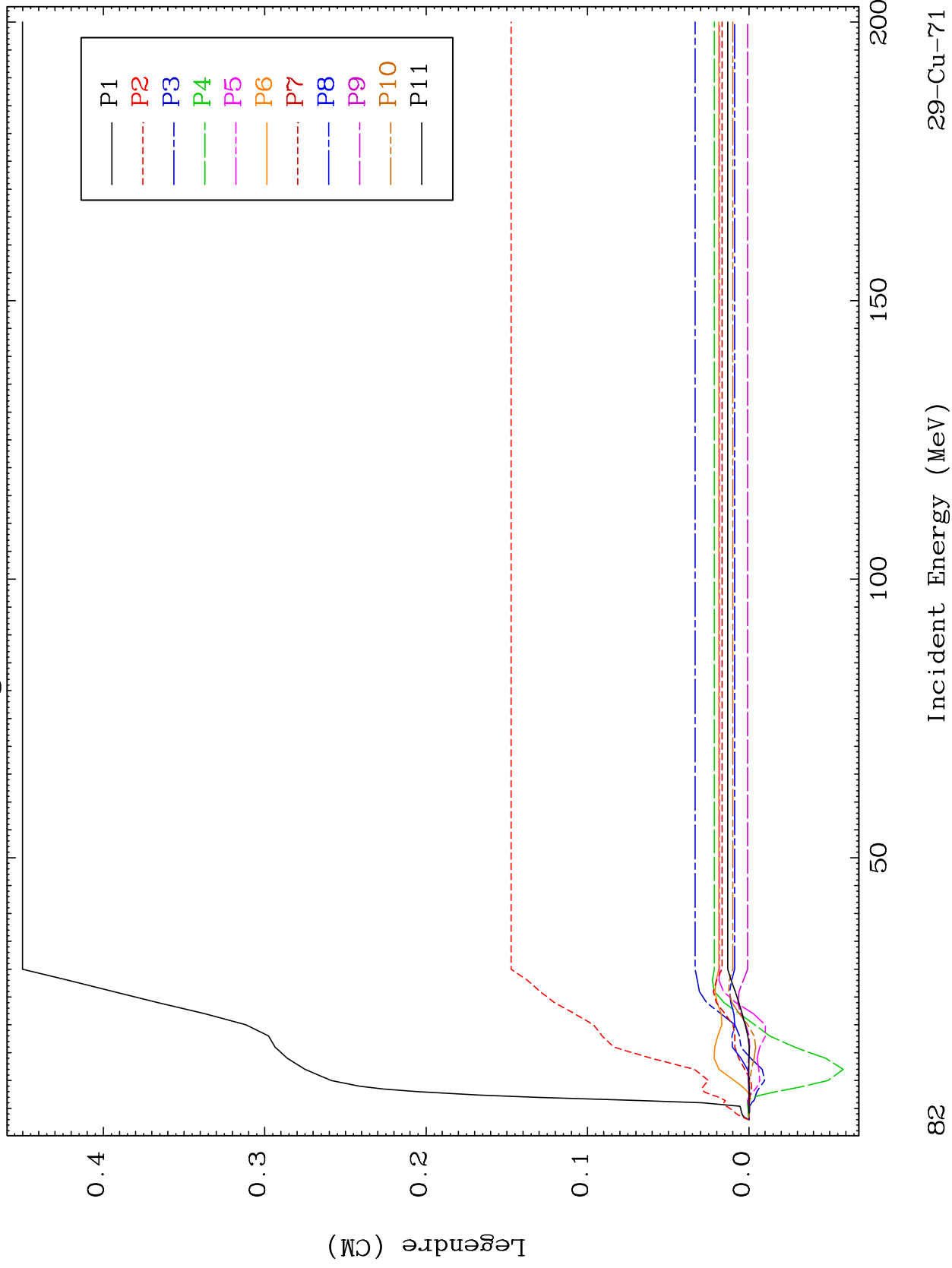
29-Cu-71



MAT 2949

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

29-Cu-71



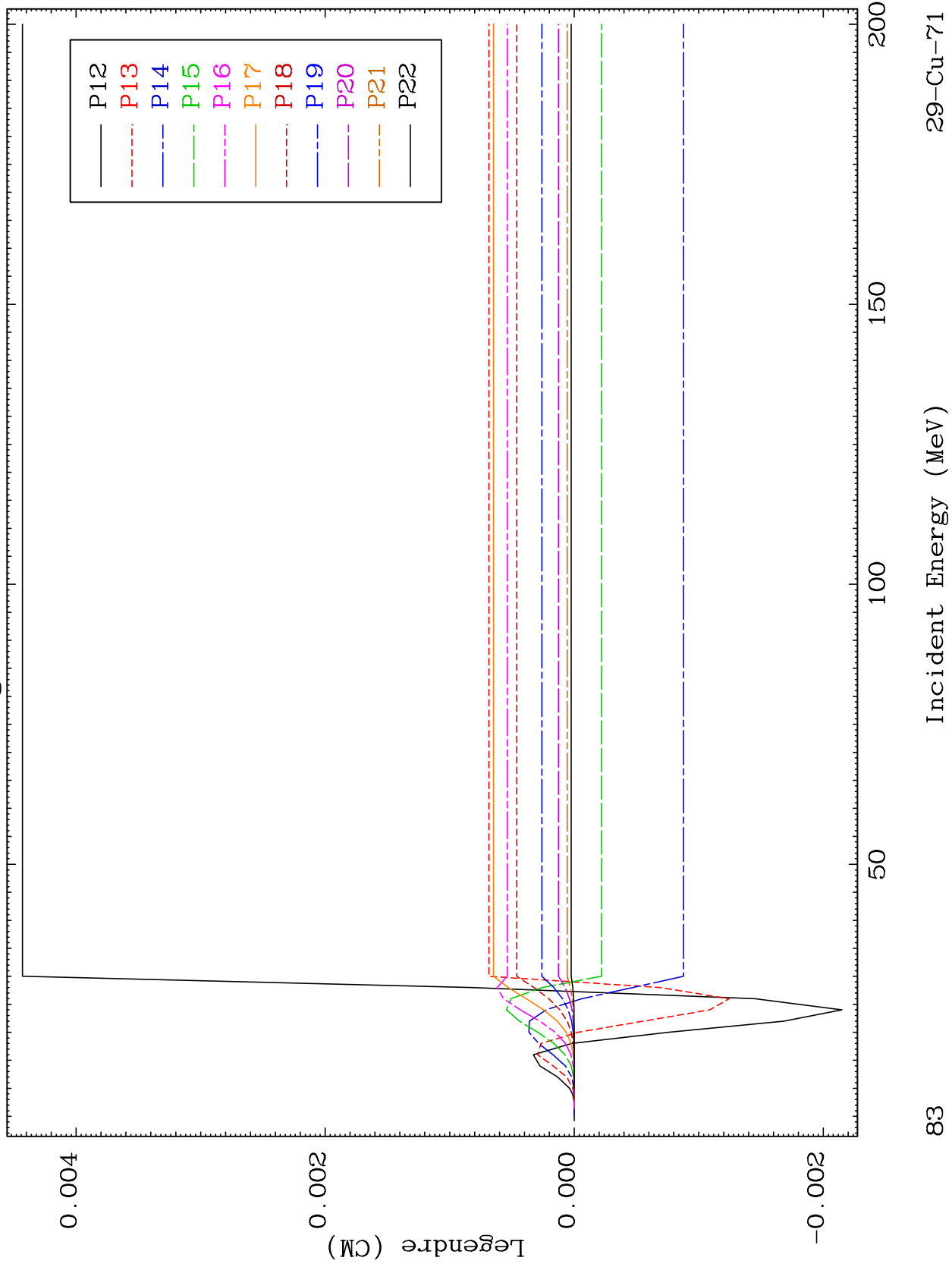
82

29-Cu-71

MAT 2949

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

29-Cu-71



83

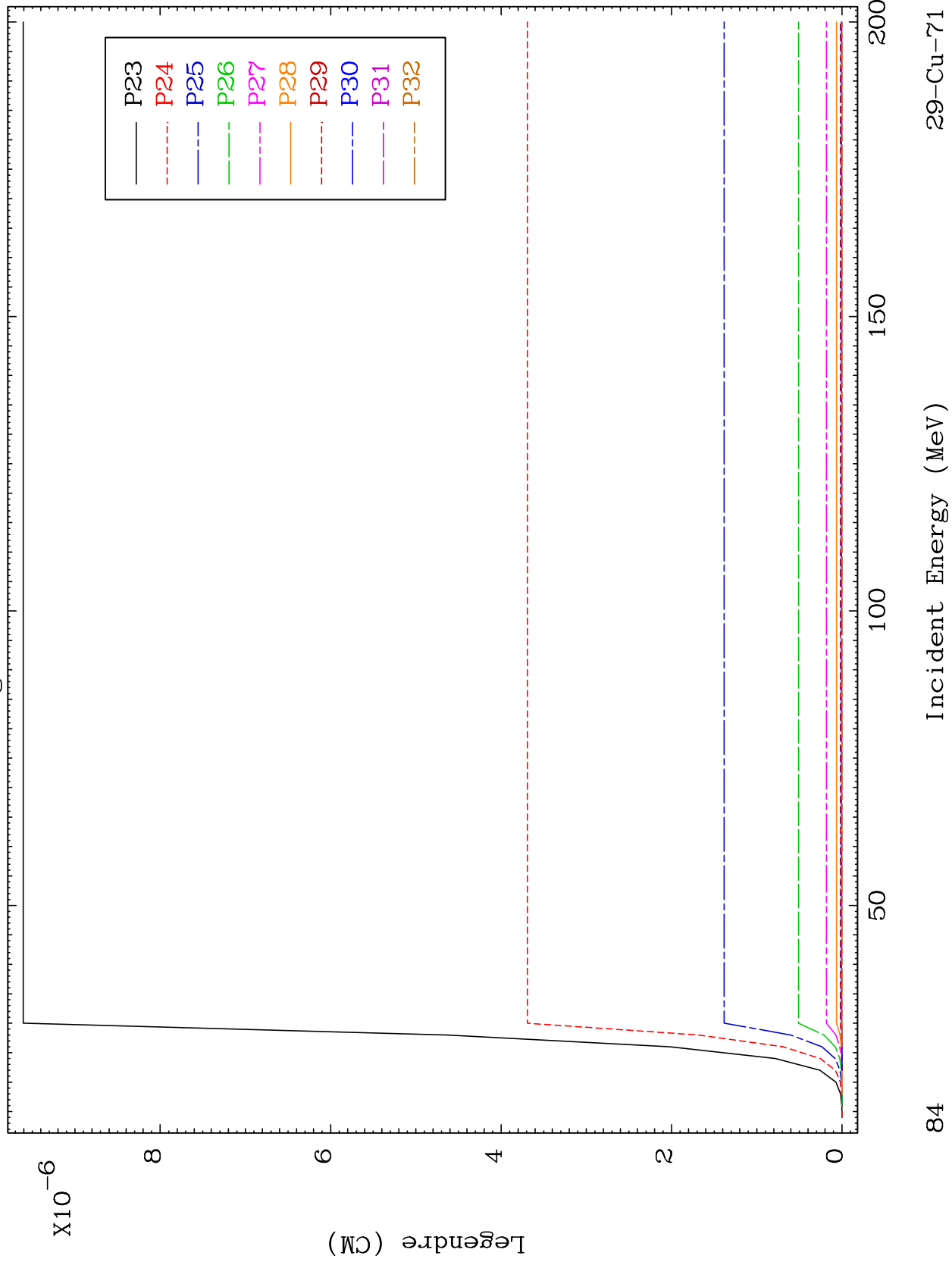
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



84

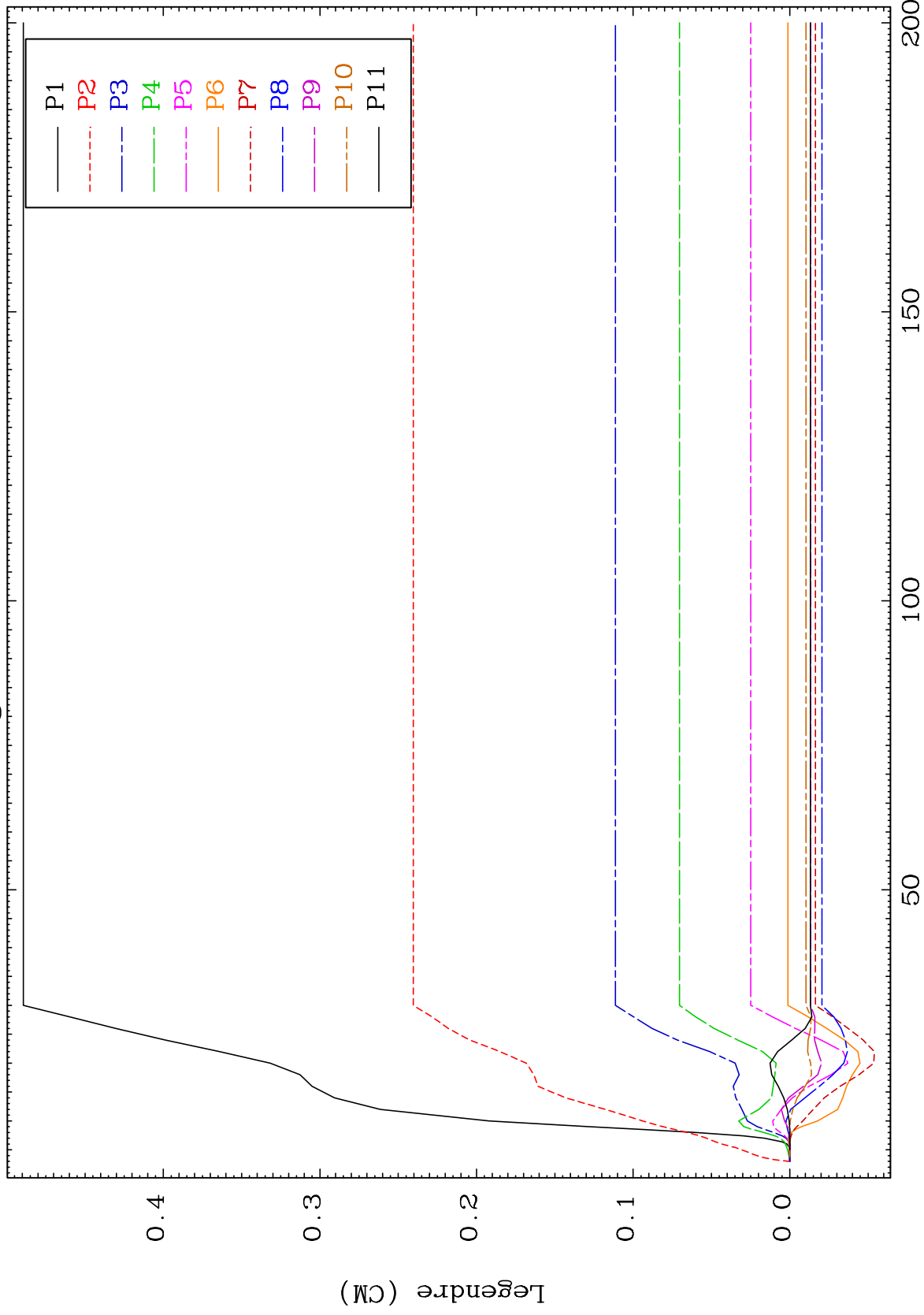
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



85

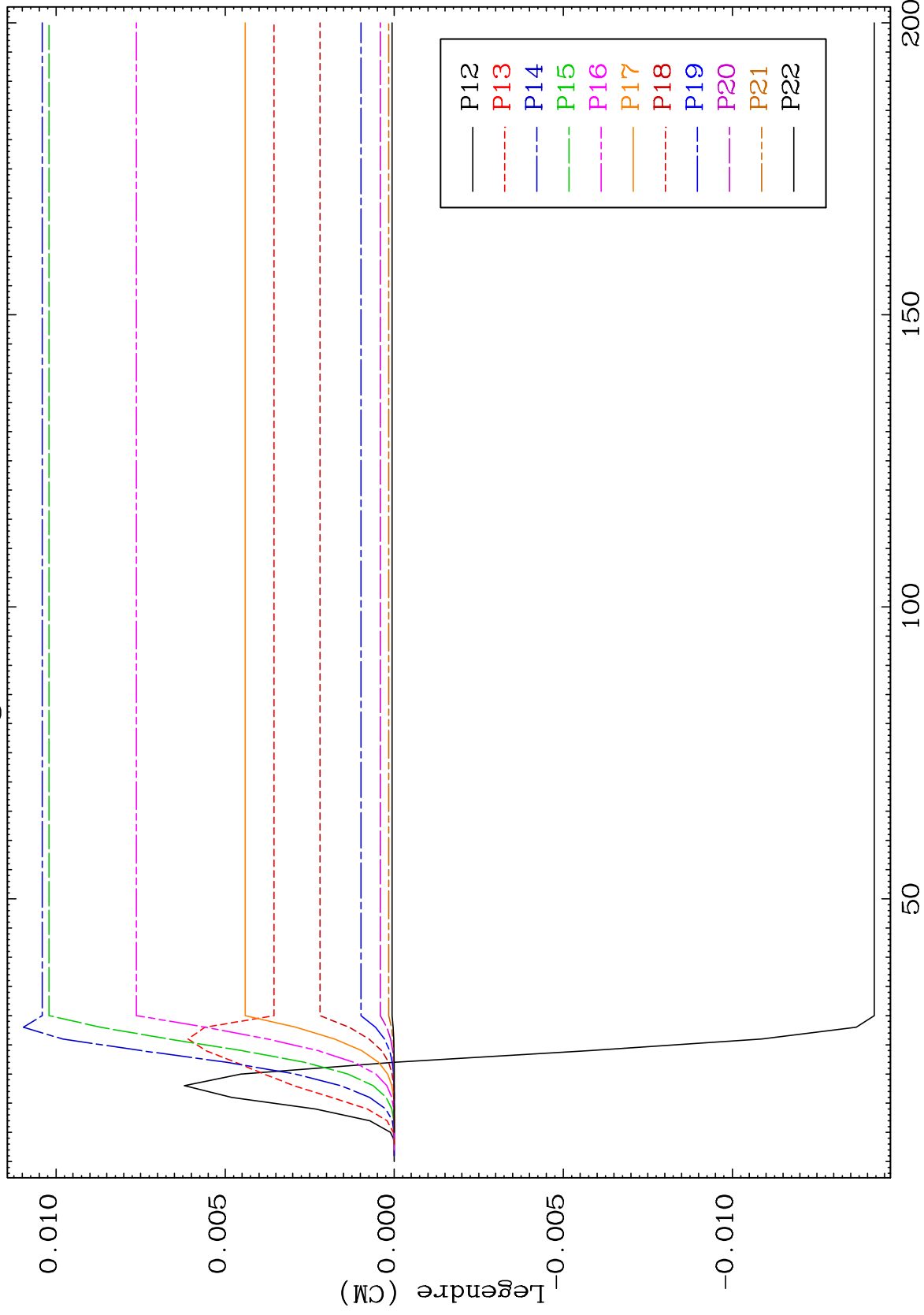
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



86

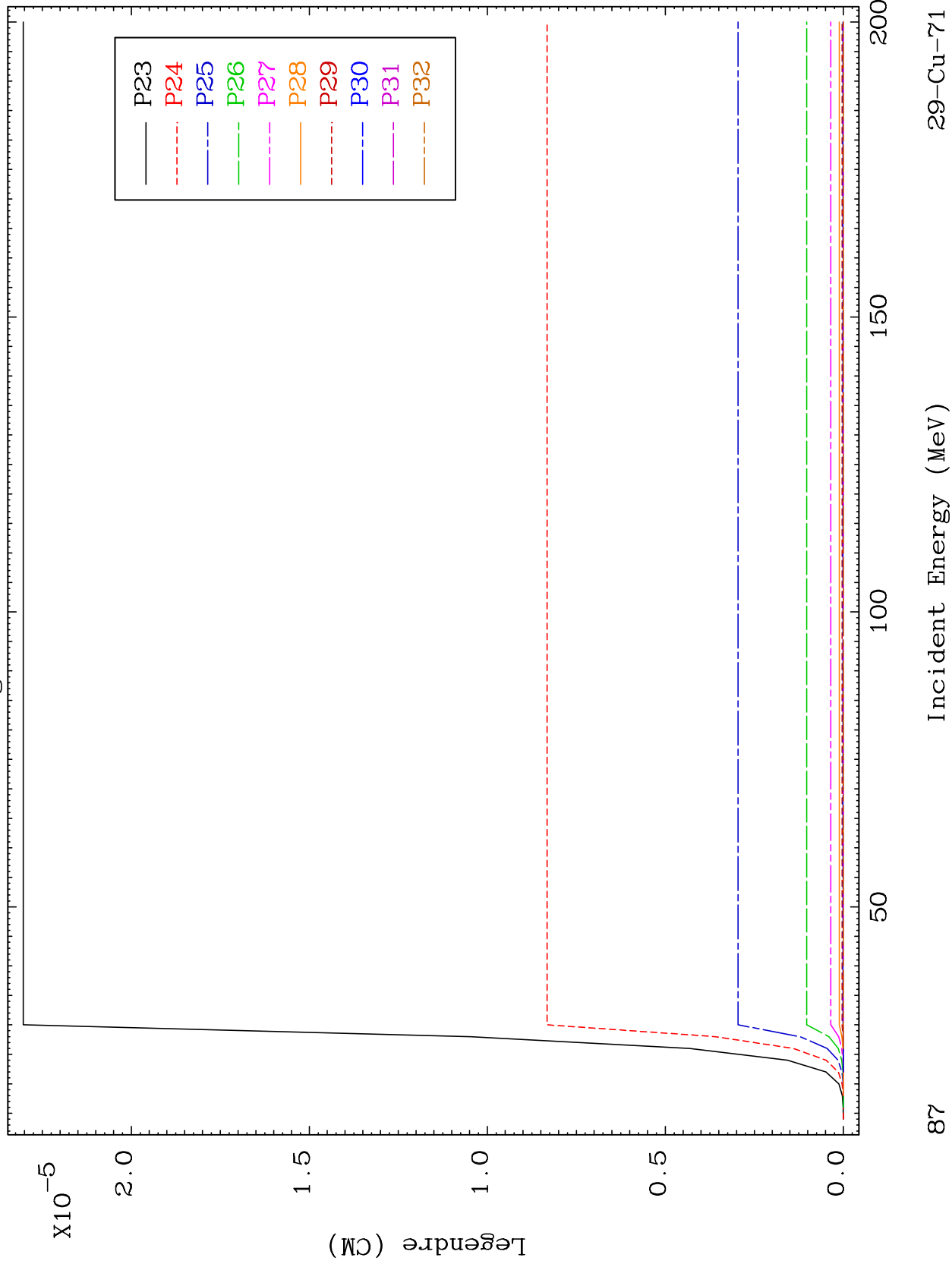
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



87

Incident Energy (MeV)

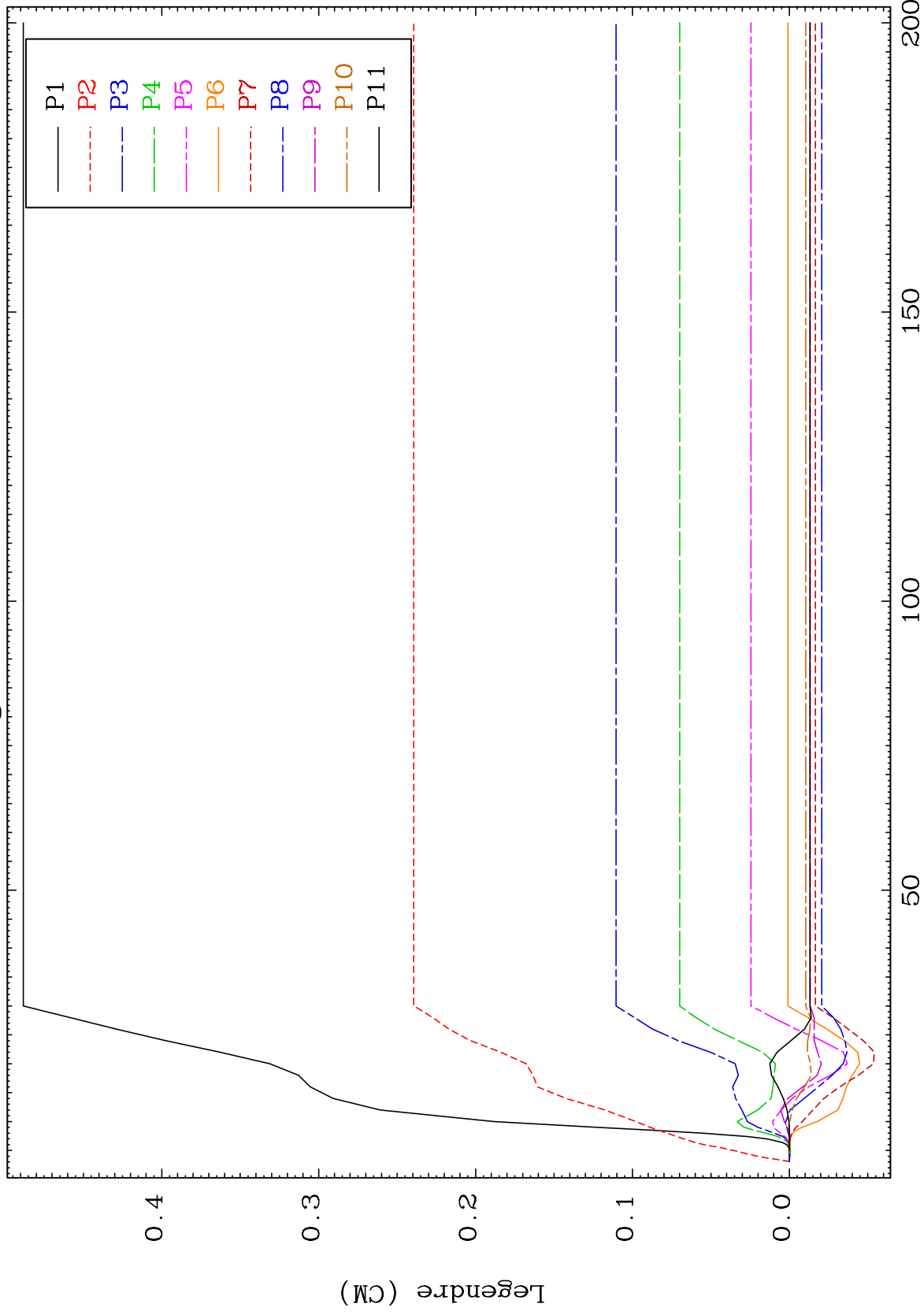
29-Cu-71



MAT 2949

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

29-Cu-71



88

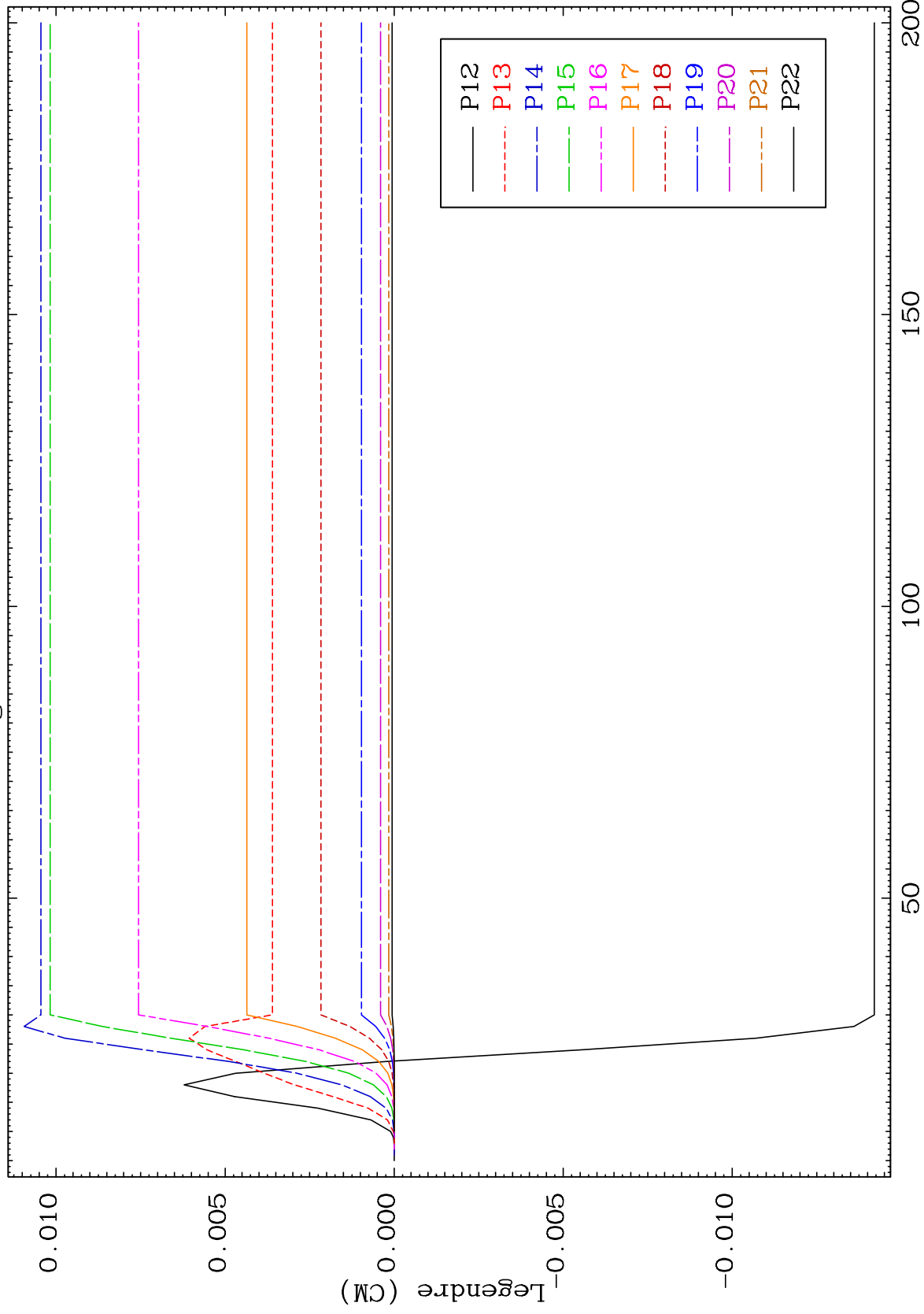
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71



89

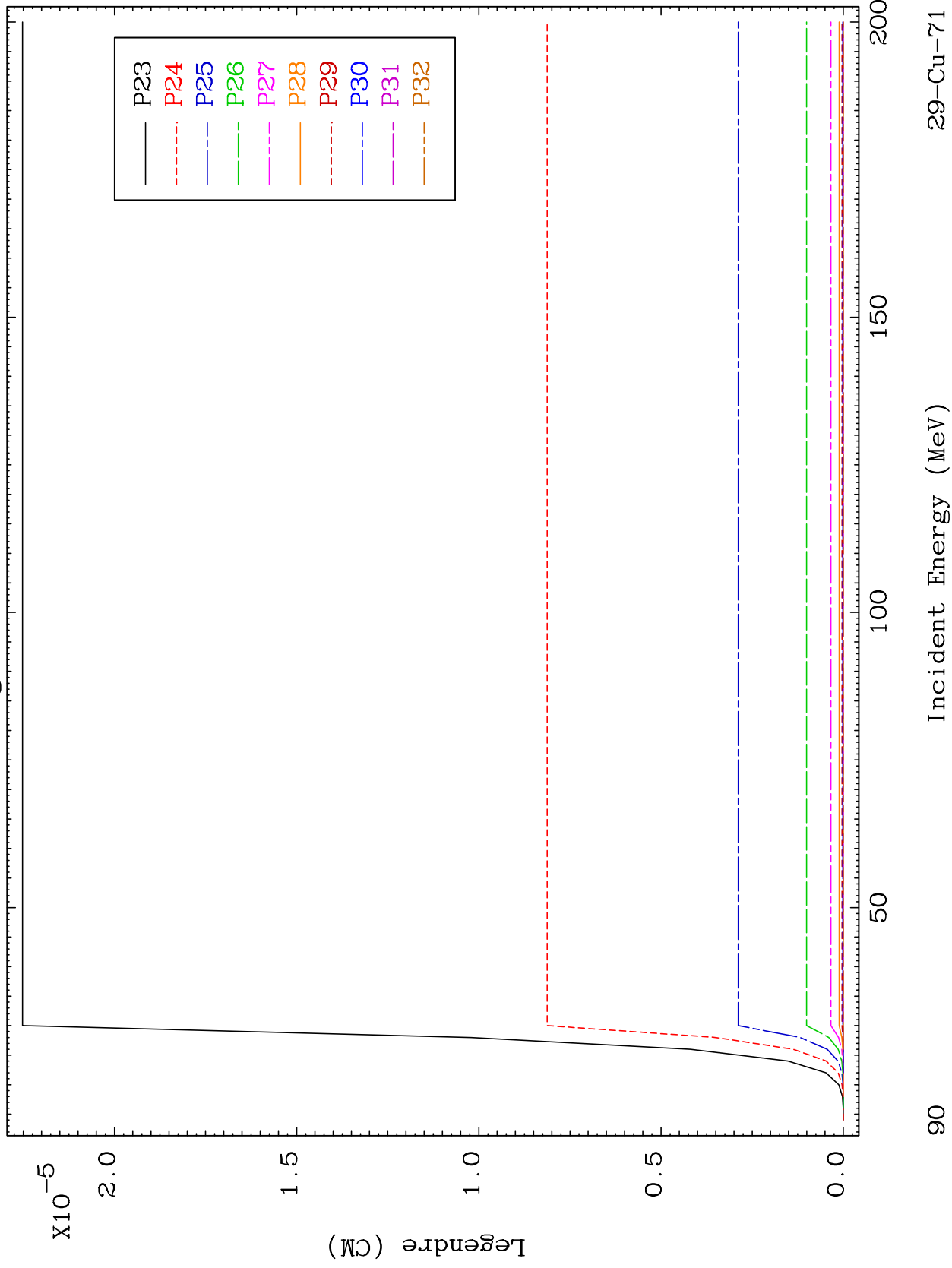
Incident Energy (MeV)

29-Cu-71

MAT 2949

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

29-Cu-71

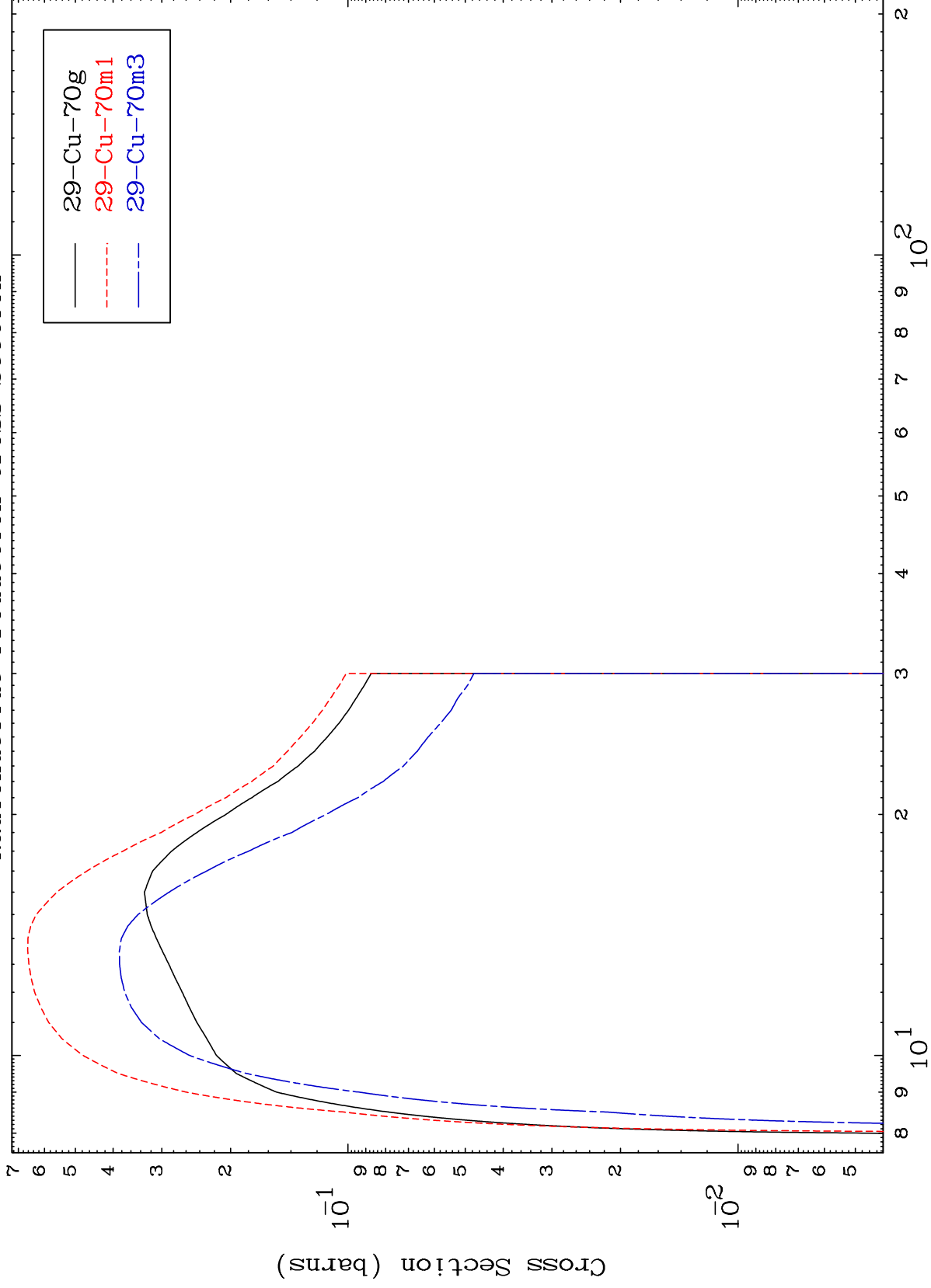


MAT 2949

(n,2n)

<sup>29</sup>Cu-71

Radionuclide Production Cross Section



91

Incident Energy (MeV)

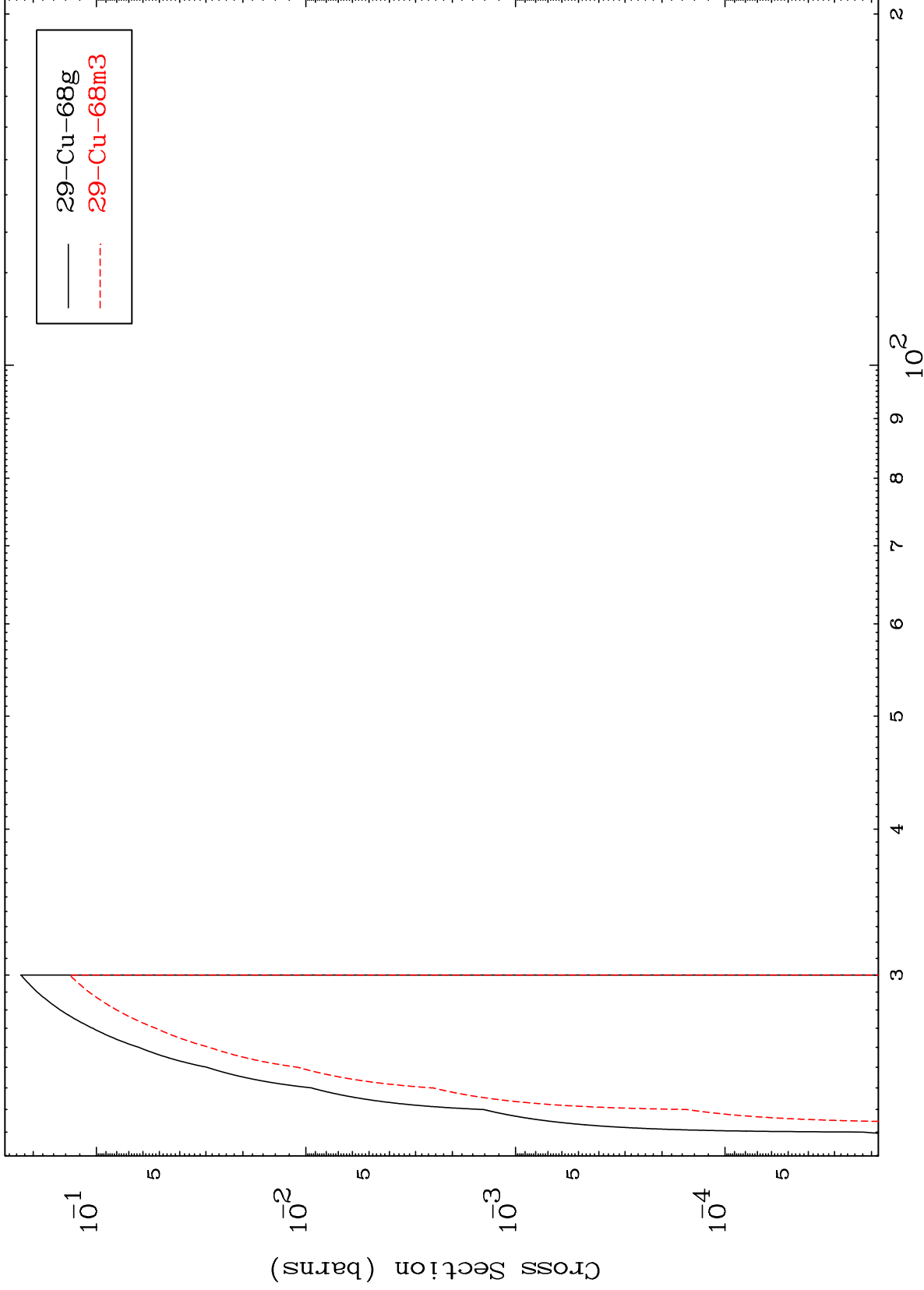
<sup>29</sup>Cu-71

MAT 2949

(n,4n)

<sup>29</sup>Cu-71

Radionuclide Production Cross Section



92

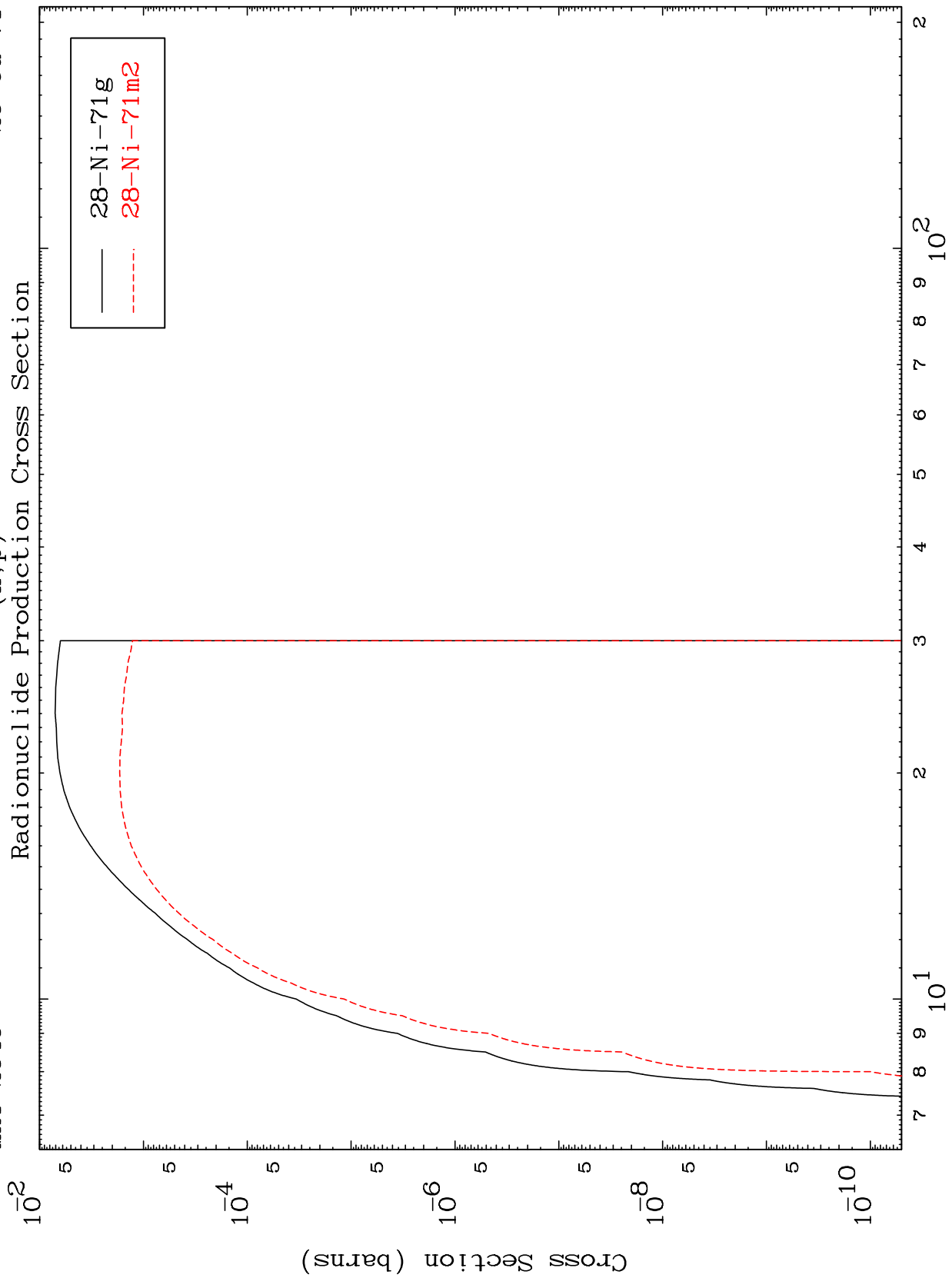
Incident Energy (MeV)

<sup>29</sup>Cu-71

MAT 2949

29-Cu-71

(n,p)  
Radionuclide Production Cross Section



93

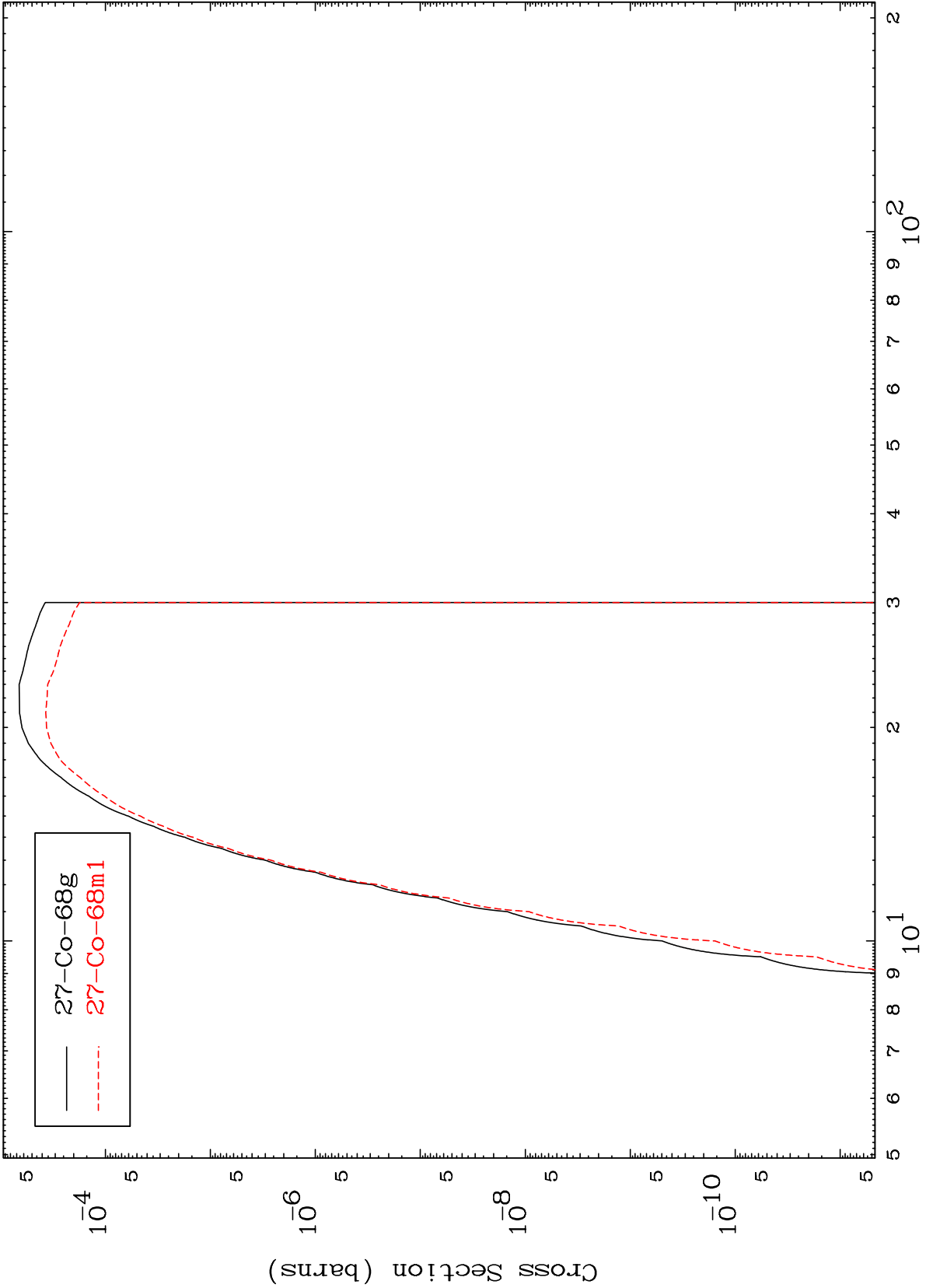
Incident Energy (MeV)

29-Cu-71

MAT 2949

29-Cu-71

Radionuclide Production Cross Section (n,α)



Legend:  
— 27-Co-68g  
- - - 27-Co-68m1

94

Incident Energy (MeV)

29-Cu-71