

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

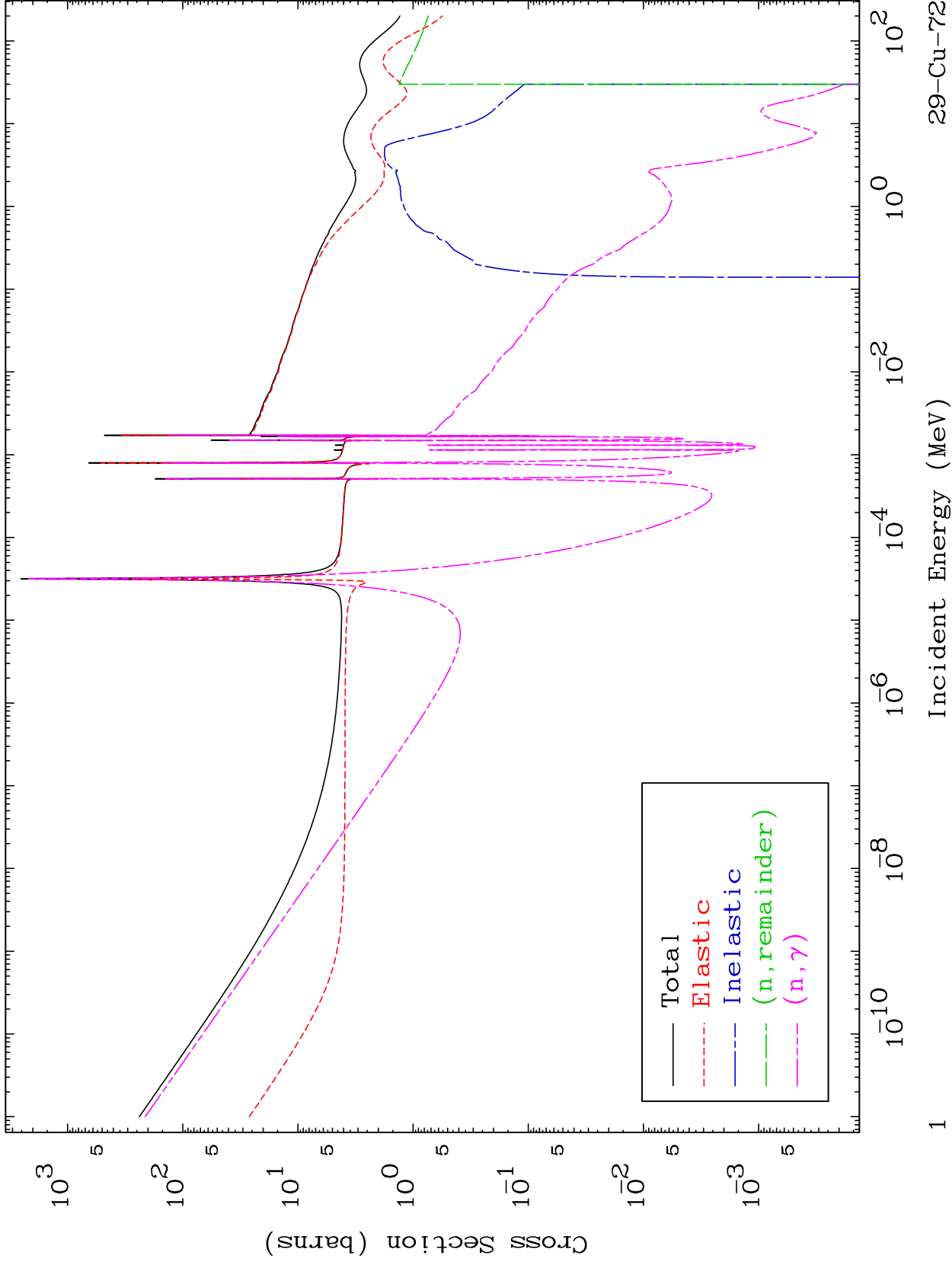
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2952

Major  
293 Kelvin Cross Sections

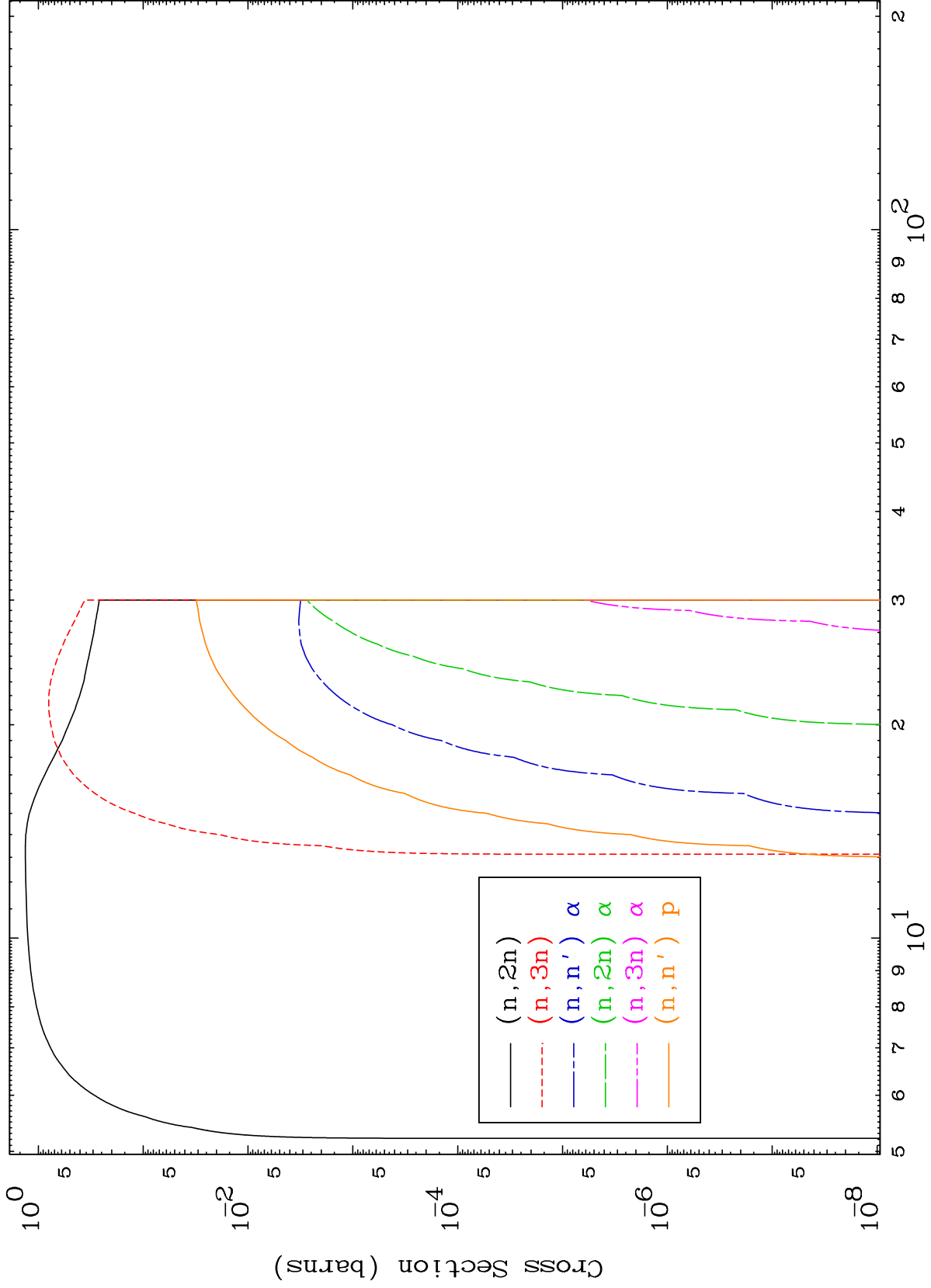
29-Cu-72



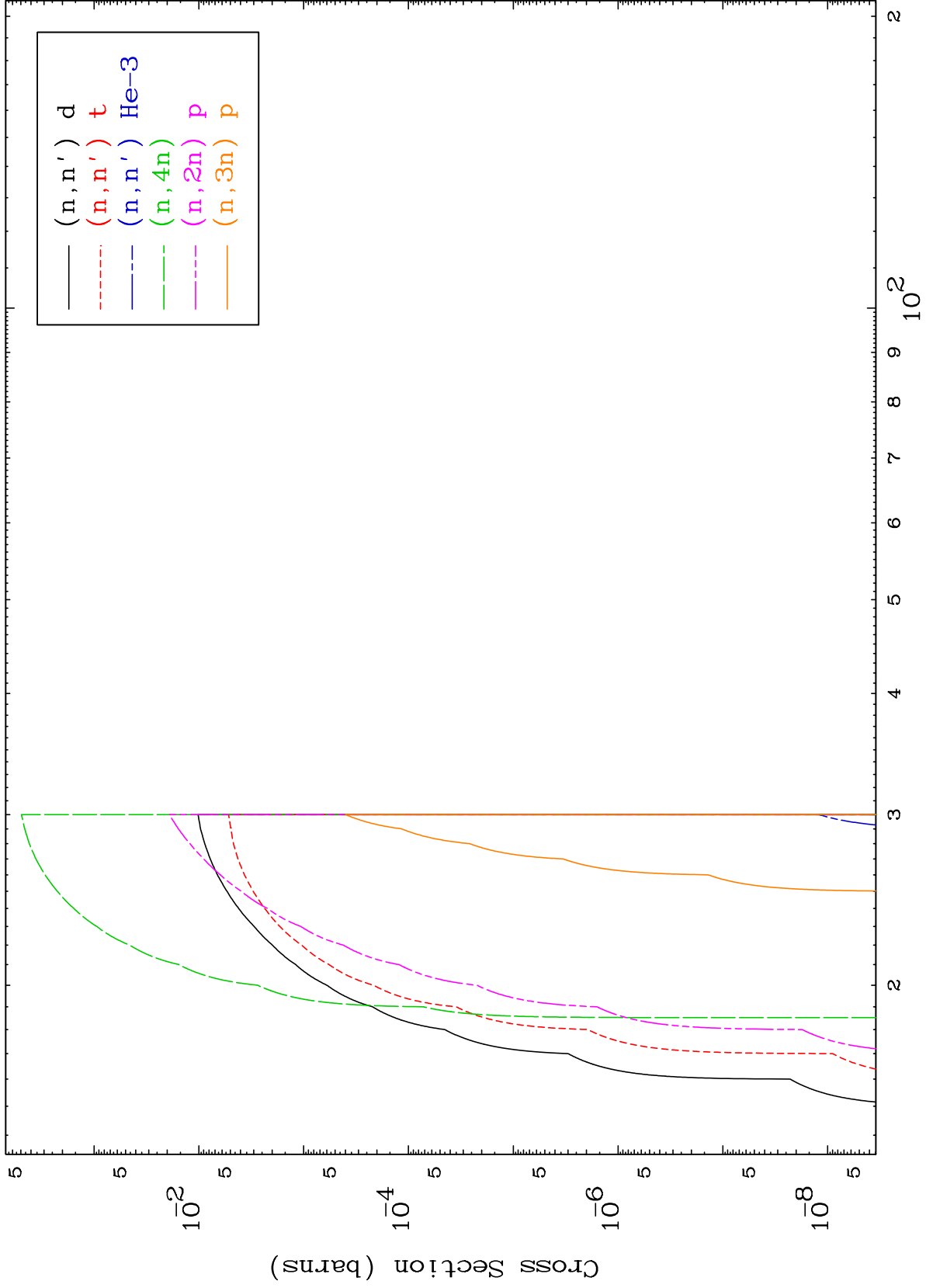
MAT 2952

Neutron Production  
293 Kelvin Cross Sections

29-Cu-72



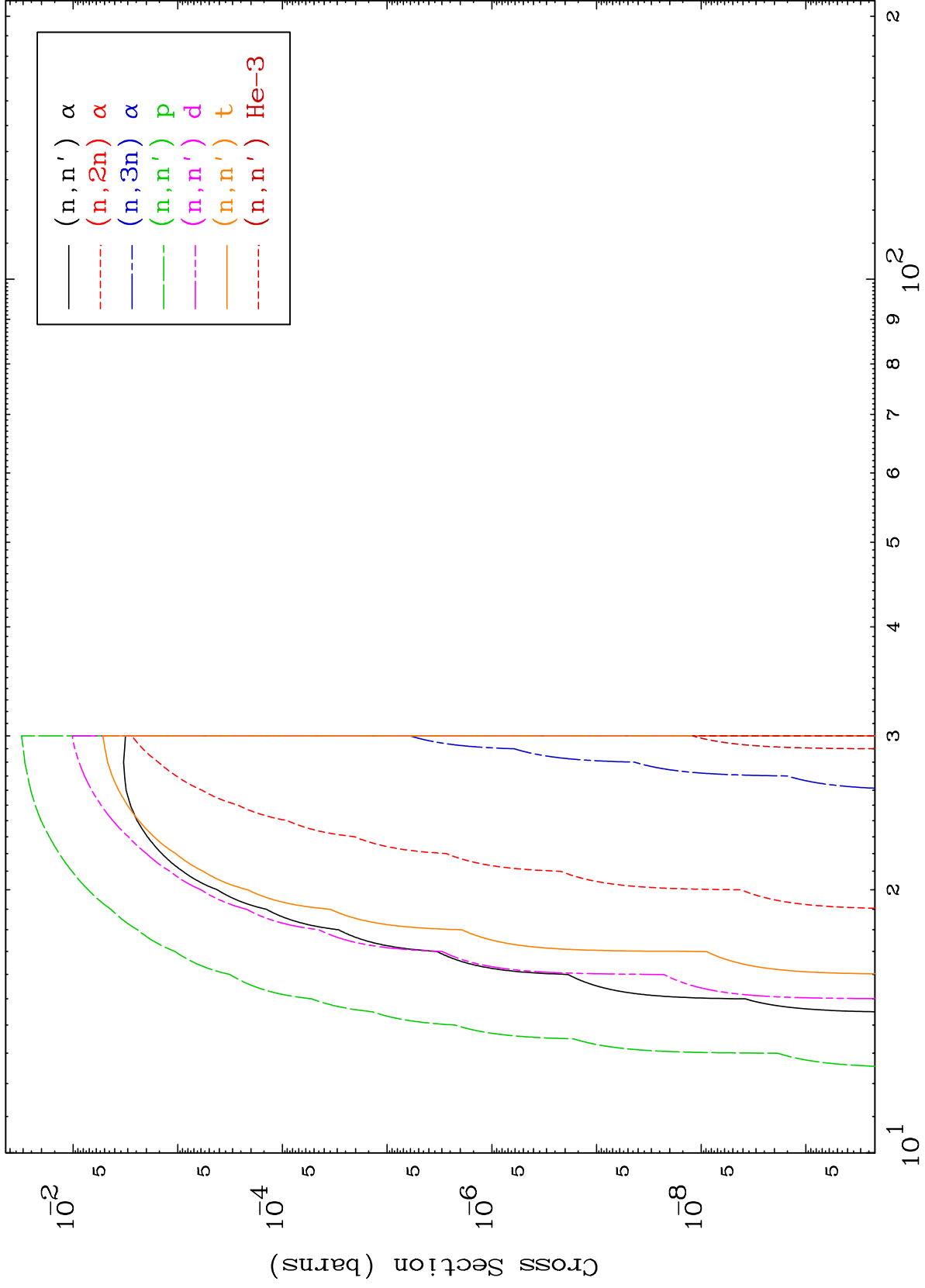
Neutron Production  
293 Kelvin Cross Sections



MAT 2952

Charged Particle  
293 Kelvin Cross Sections

29-Cu-72



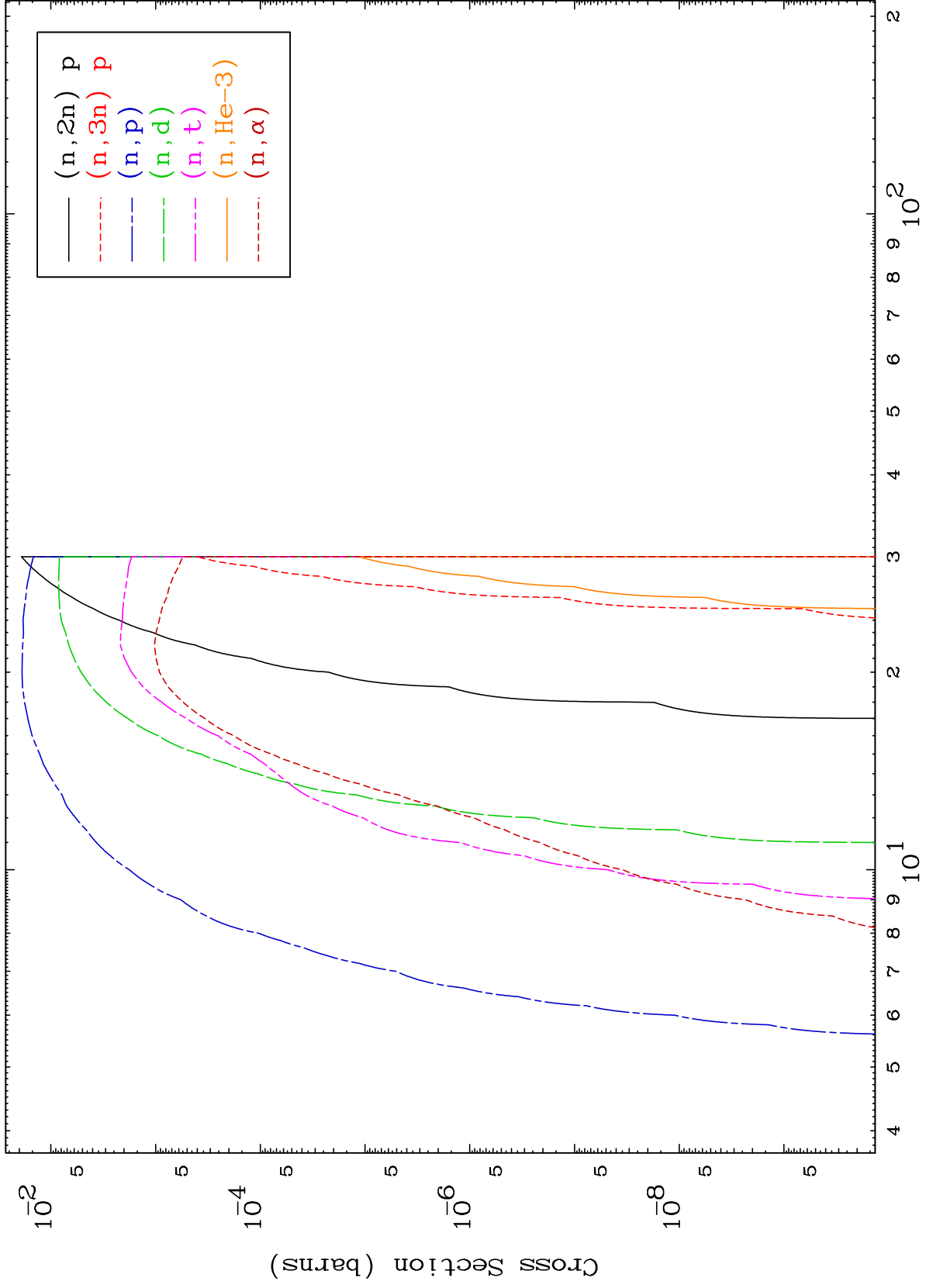
Incident Energy (MeV)

29-Cu-72

MAT 2952

Charged Particle  
293 Kelvin Cross Sections

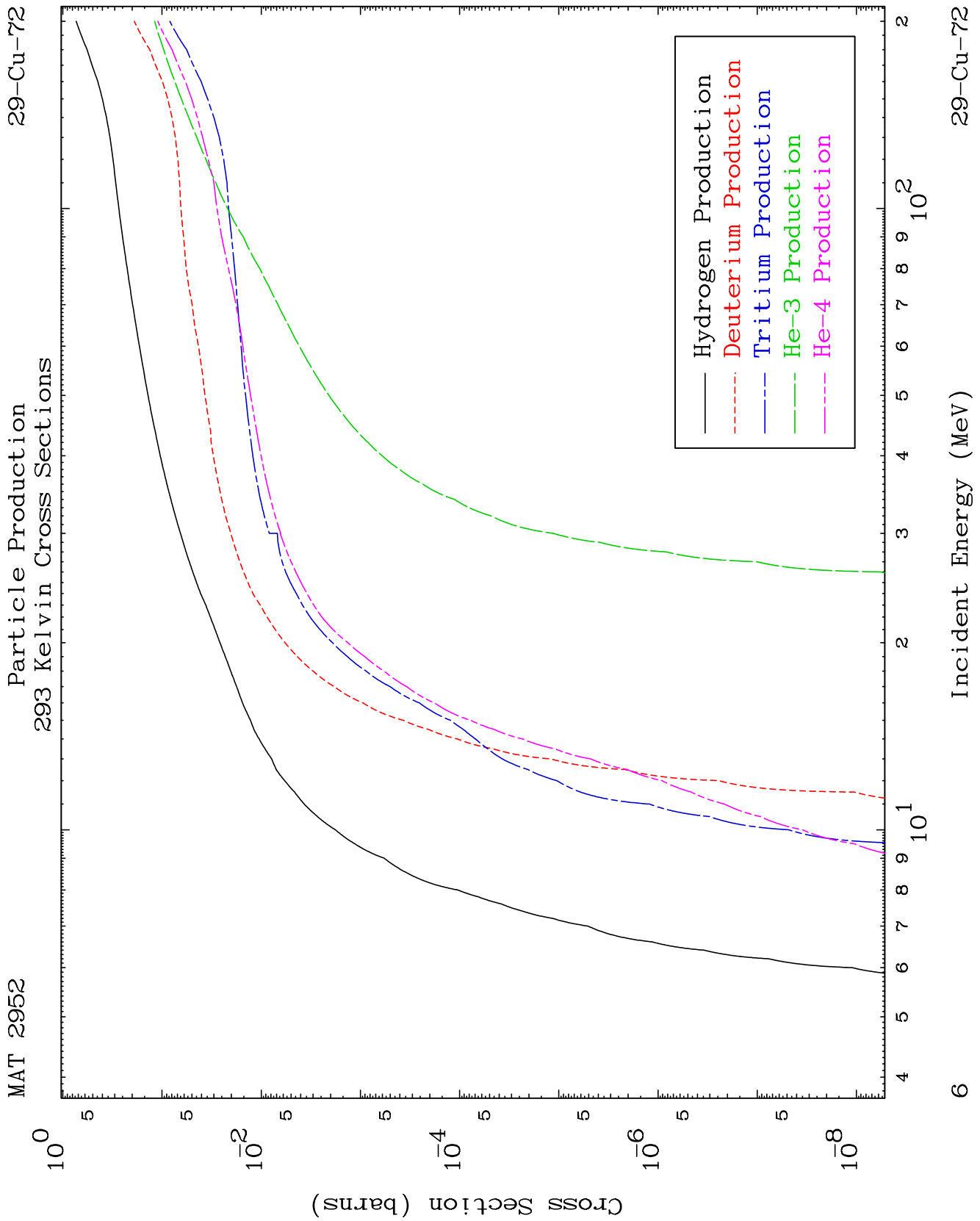
29-Cu-72



5

Incident Energy (MeV)

29-Cu-72

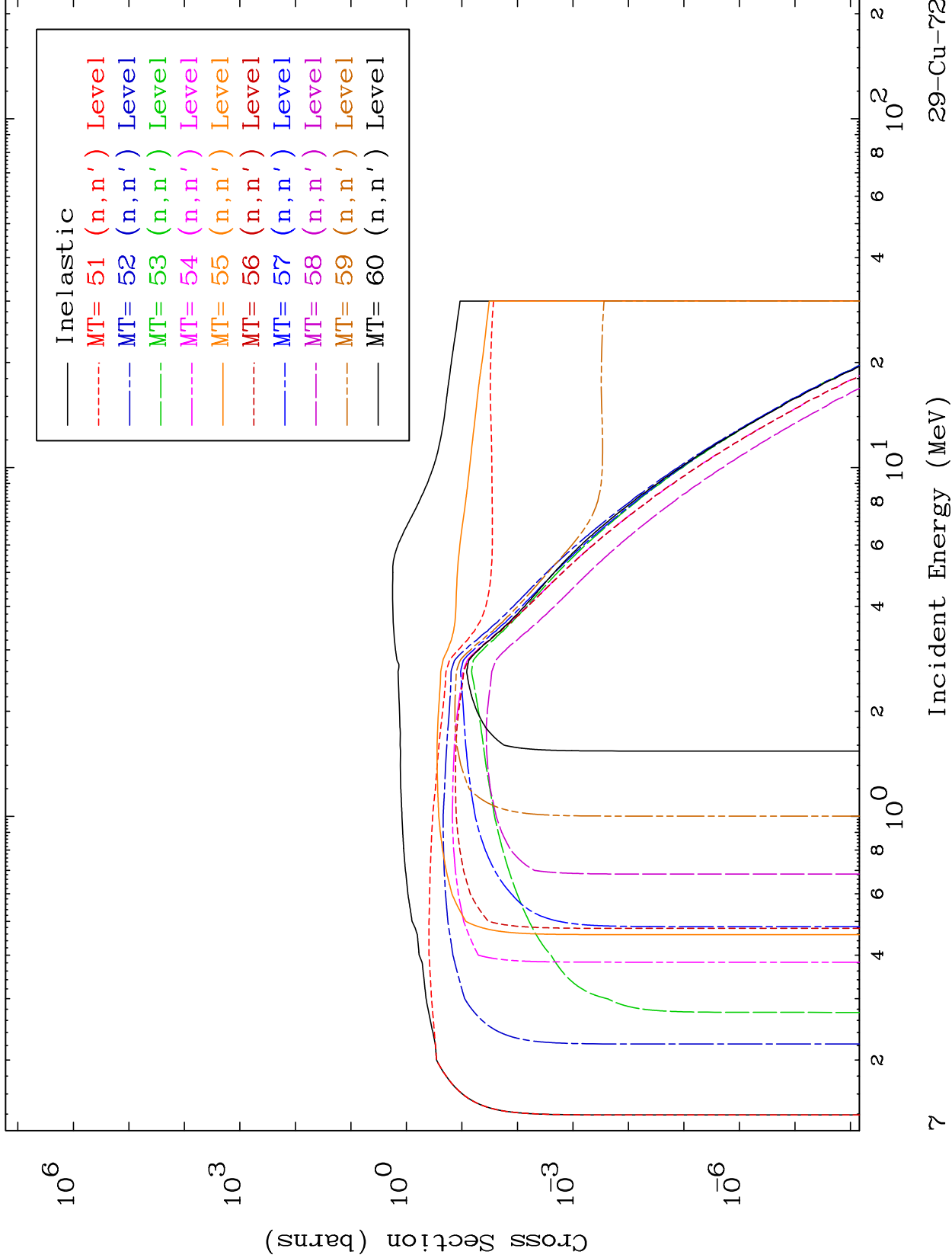


MAT 2952

(n,n') Level

29-Cu-72

293 Kelvin Cross Sections



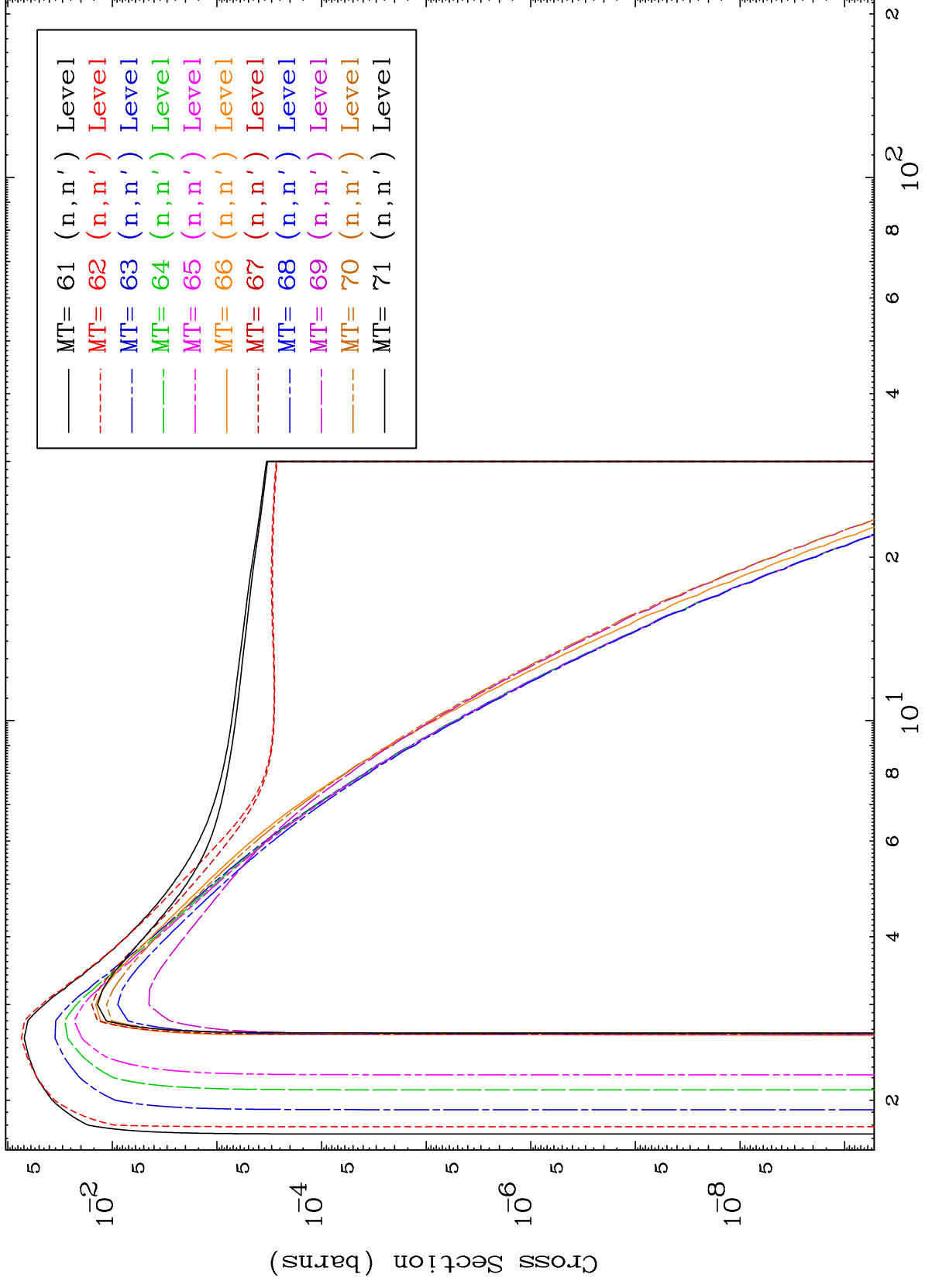


MAT 2952

(n,n') Level

29-Cu-72

293 Kelvin Cross Sections



8

Incident Energy (MeV)

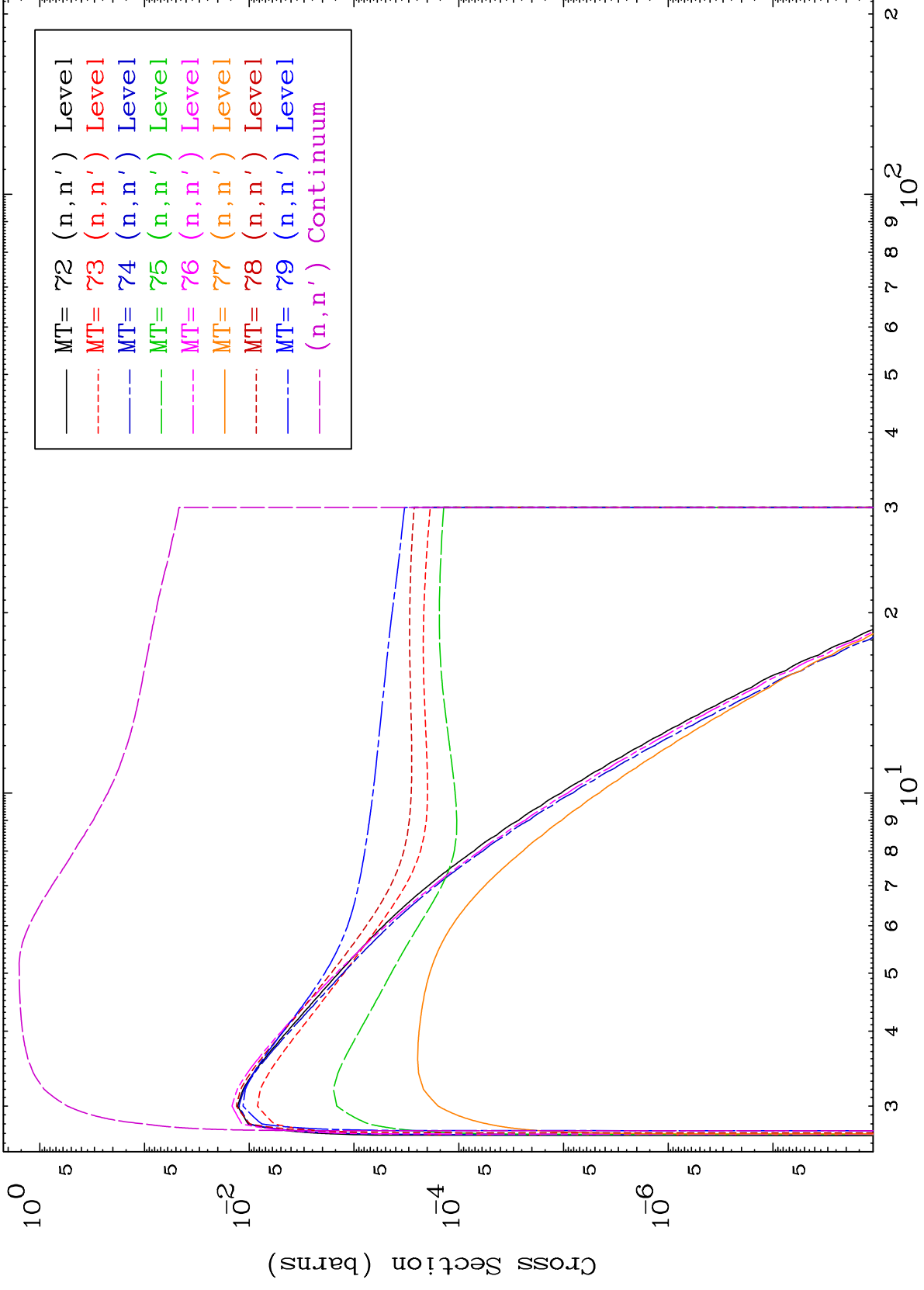
29-Cu-72

MAT 2952

(n,n') Level

29-Cu-72

293 Kelvin Cross Sections



9

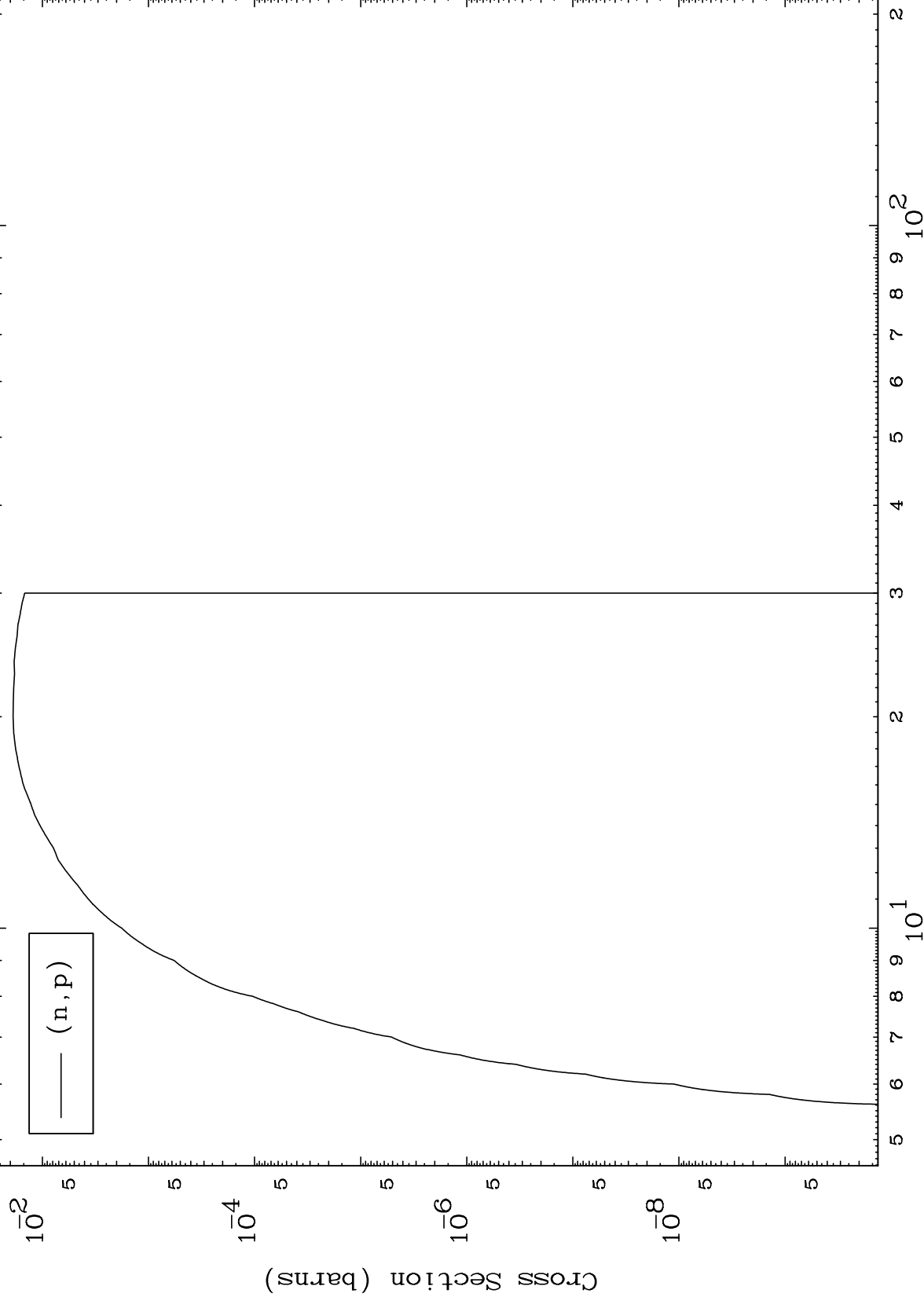
Incident Energy (MeV)

29-Cu-72

MAT 2952

(n,p) Levels  
293 Kelvin Cross Sections

29-Cu-72



10

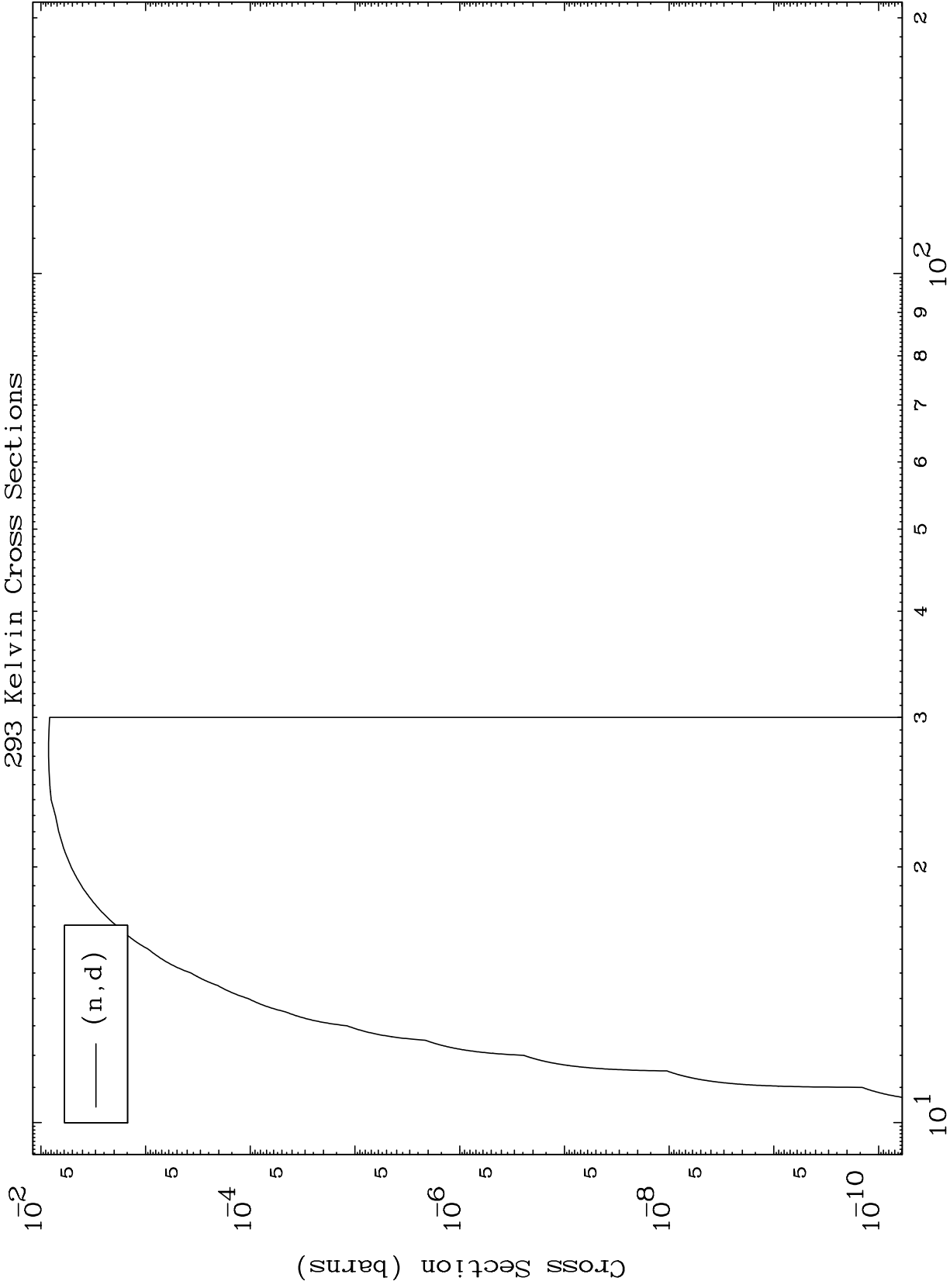
Incident Energy (MeV)

29-Cu-72

MAT 2952

(n,d) Levels  
293 Kelvin Cross Sections

29-Cu-72



29-Cu-72

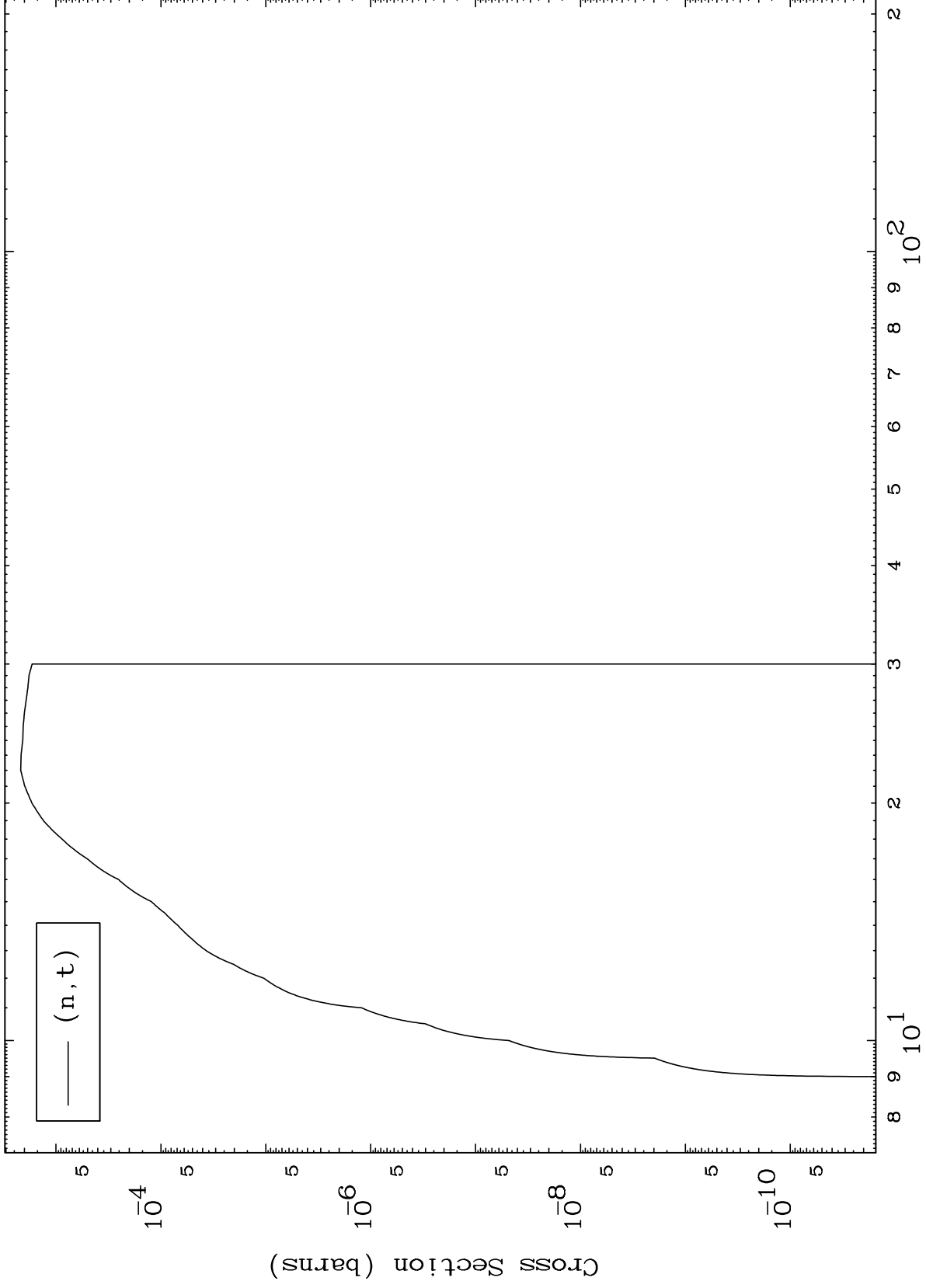
Incident Energy (MeV)

11

MAT 2952

(n,t) Levels  
293 Kelvin Cross Sections

29-Cu-72



12

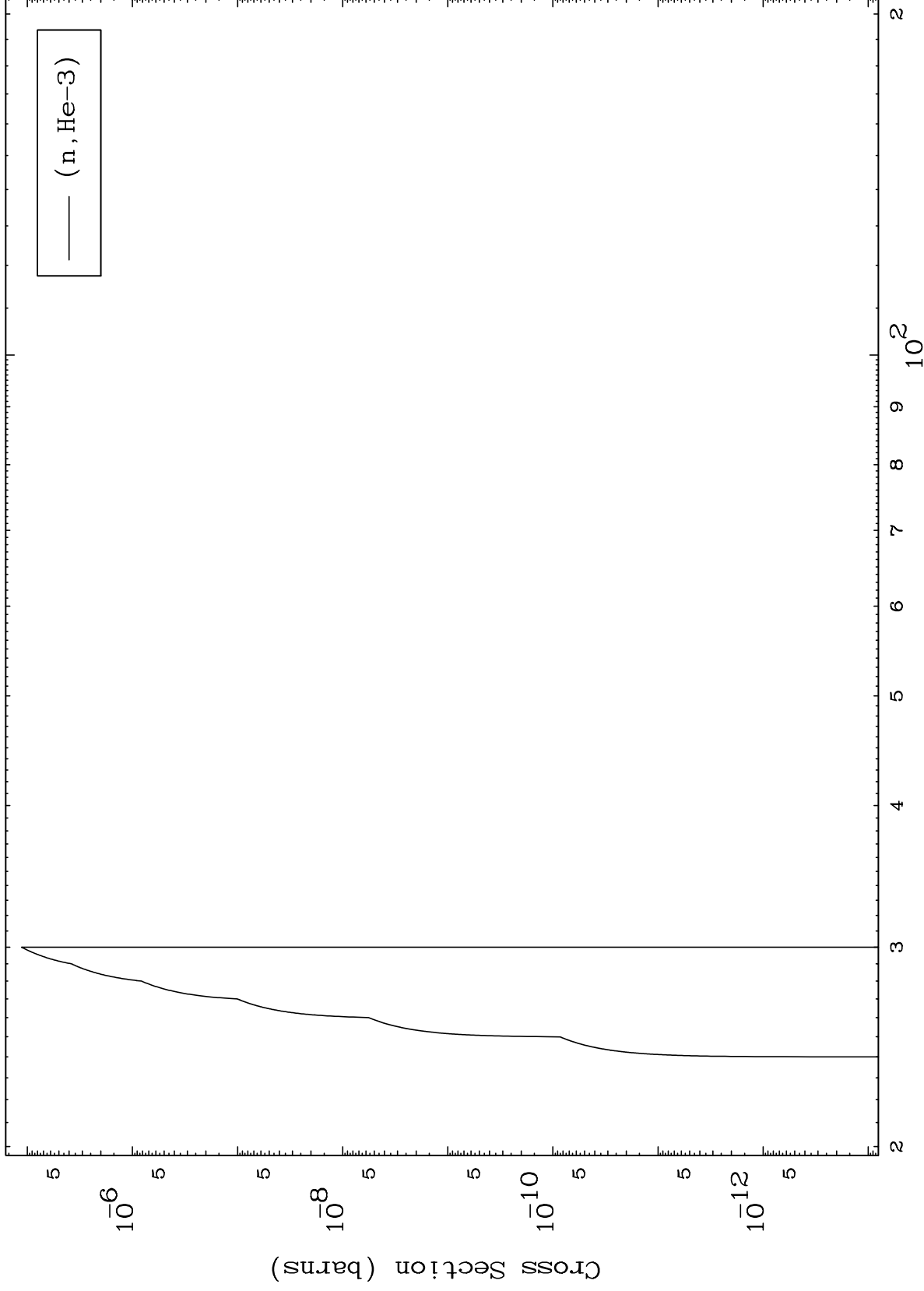
Incident Energy (MeV)

29-Cu-72

MAT 2952

(n,He3) Levels  
293 Kelvin Cross Sections

29-Cu-72



13

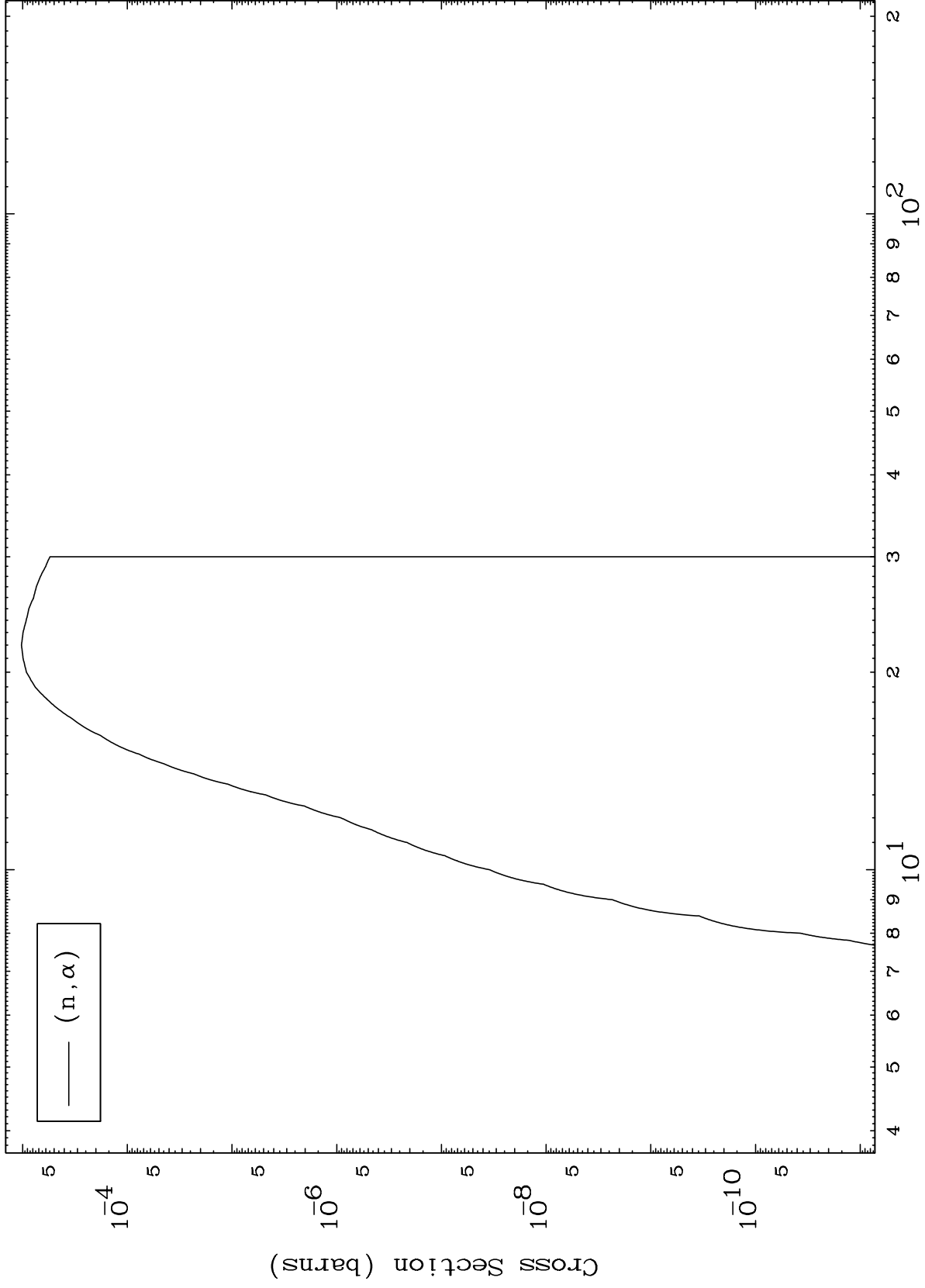
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

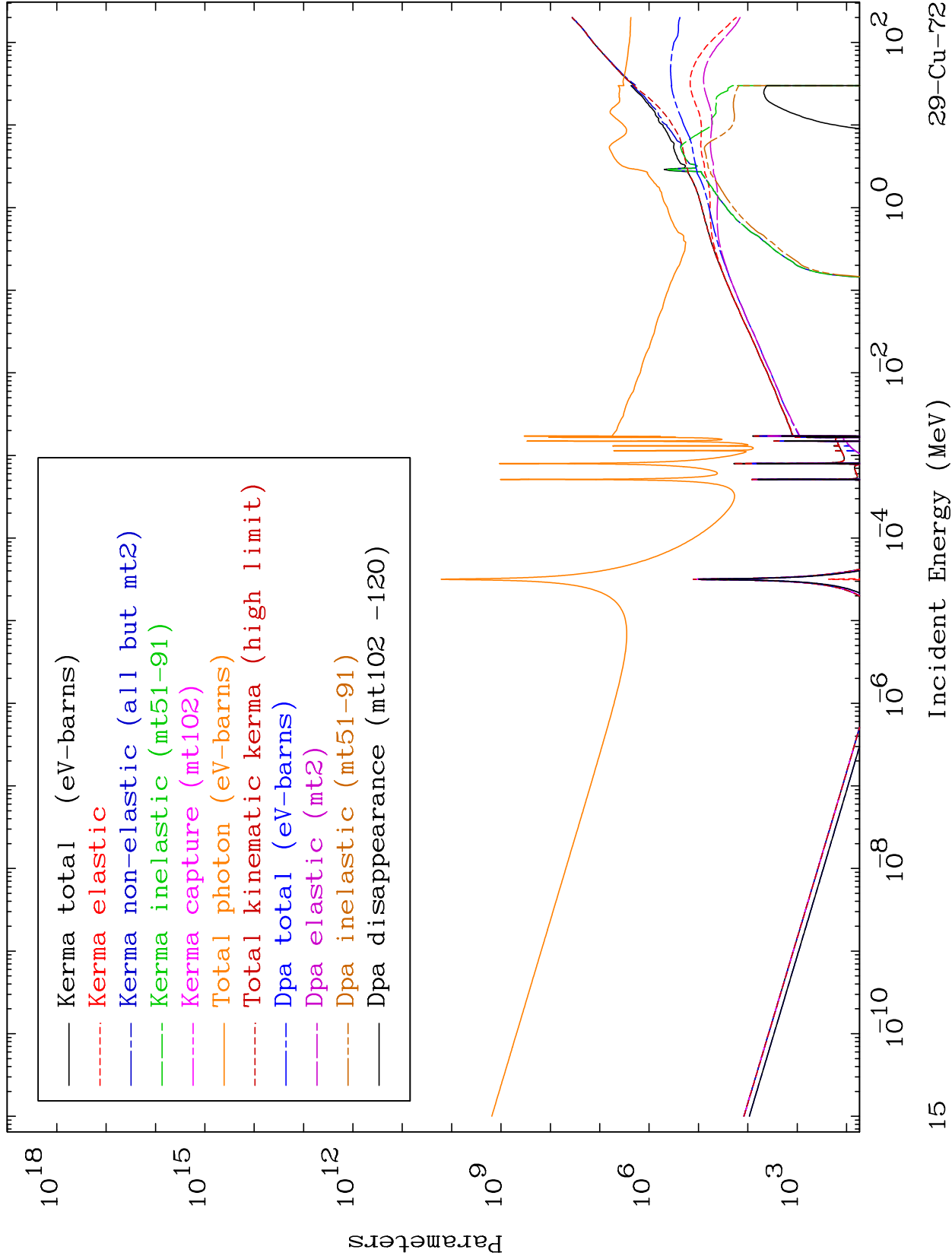
29-Cu-72



14

Incident Energy (MeV)

29-Cu-72

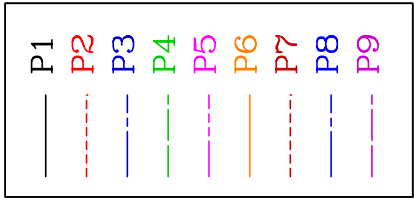
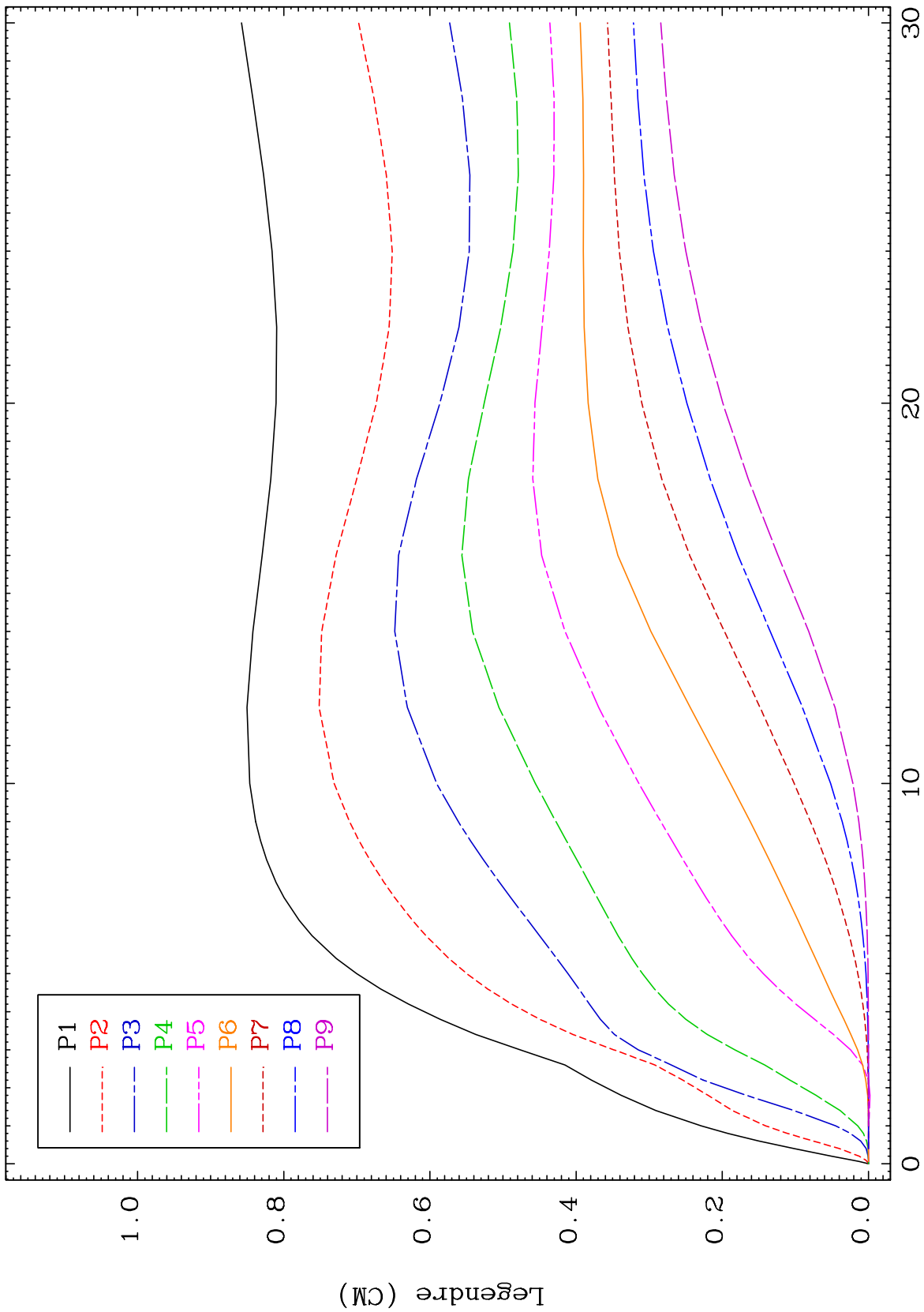




MAT 2952

Elastic Legendre Coefficients

29-Cu-72



16

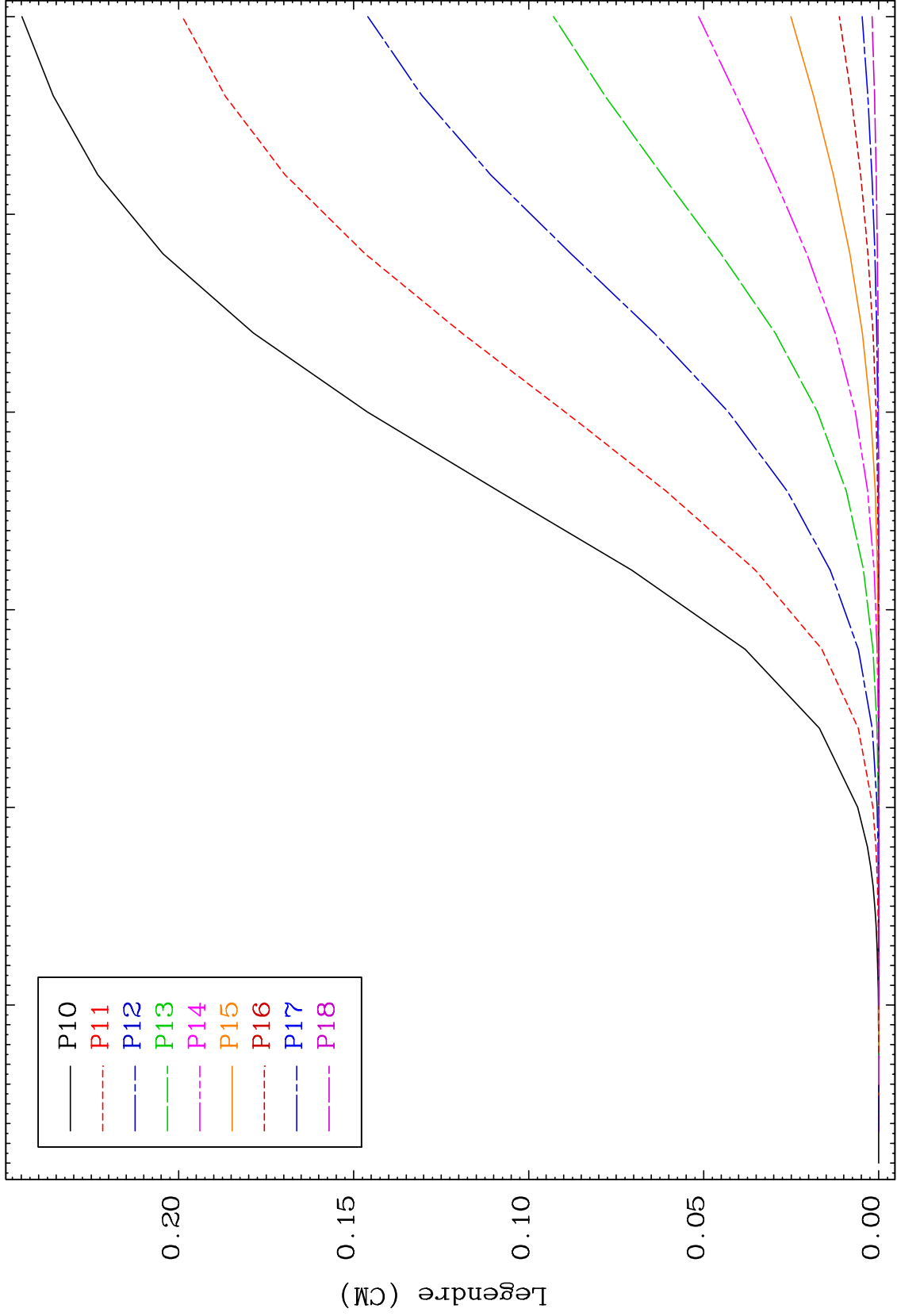
Incident Energy (MeV)

29-Cu-72

MAT 2952

Elastic Legendre Coefficients

29-Cu-72



17

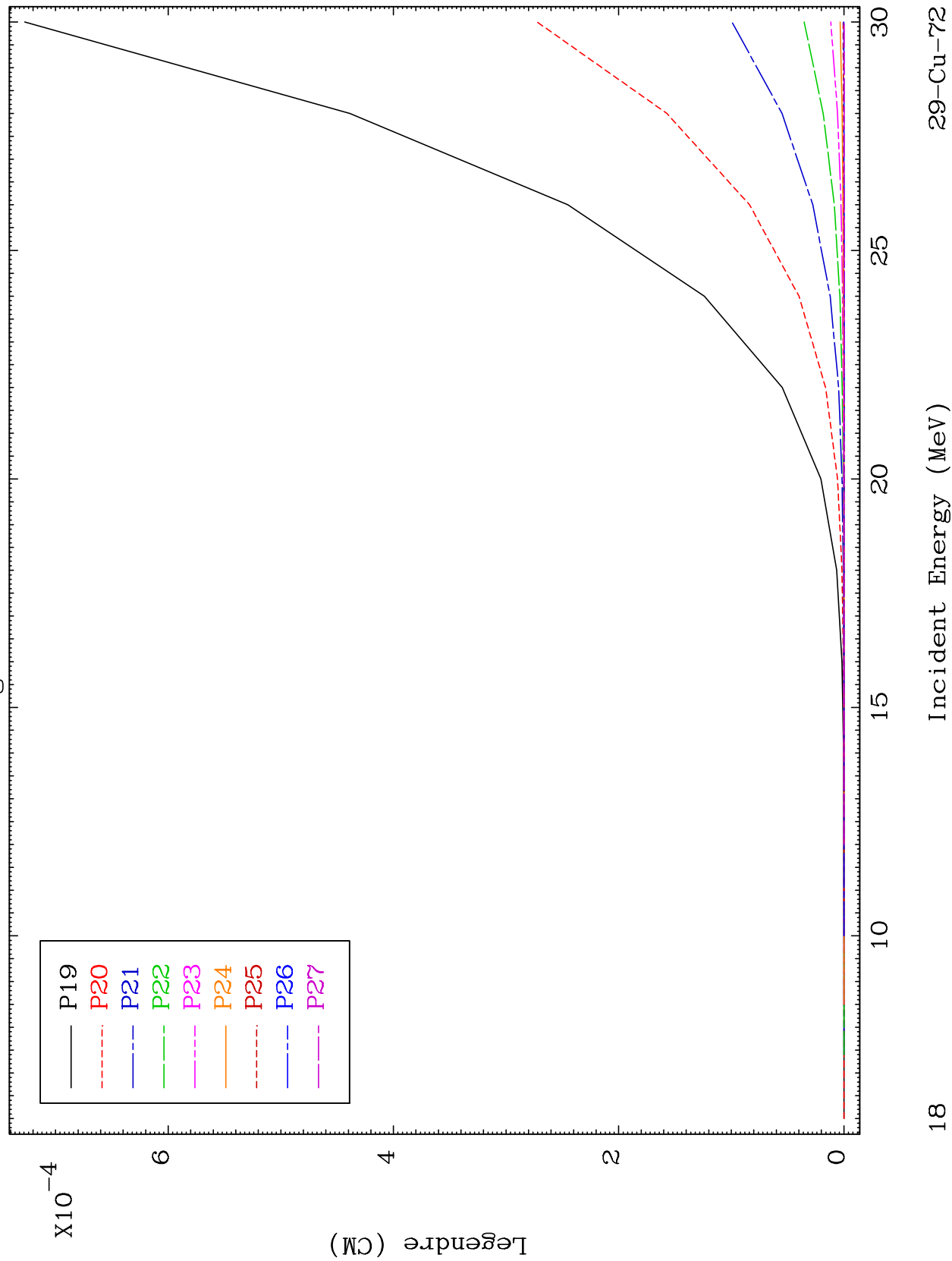
Incident Energy (MeV)

29-Cu-72

MAT 2952

### Elastic Legendre Coefficients

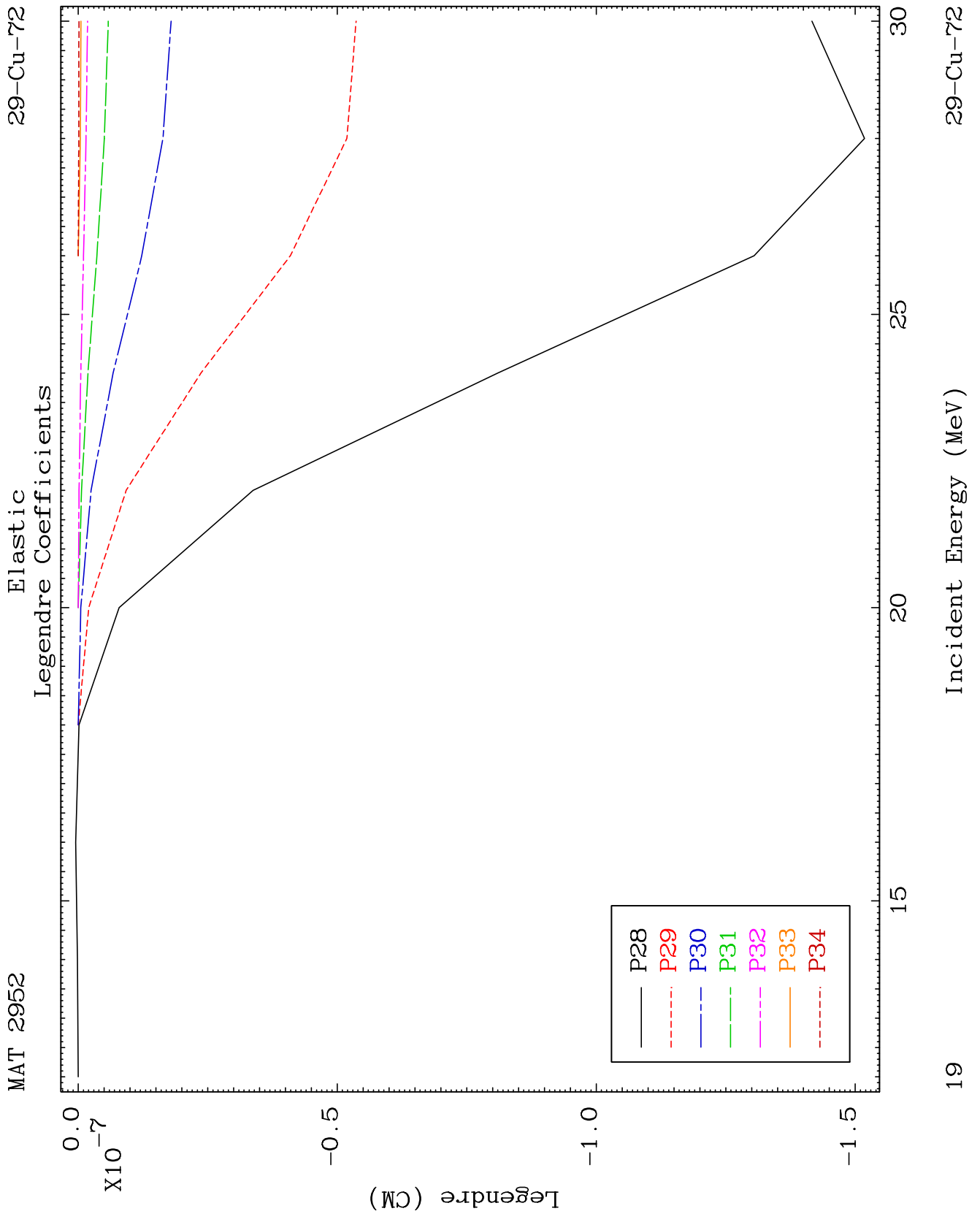
29-Cu-72



18

Incident Energy (MeV)

29-Cu-72

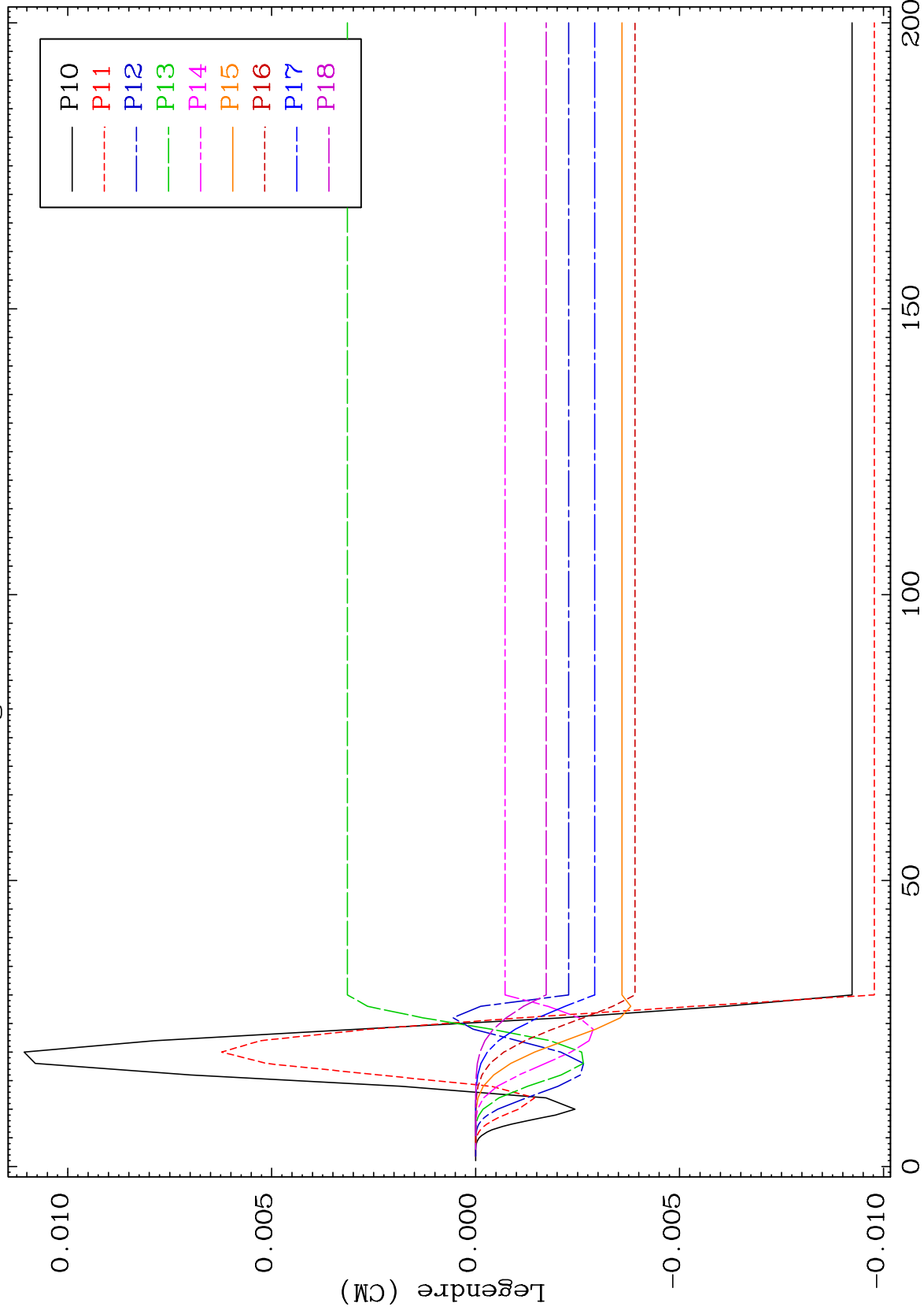




MAT 2952

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

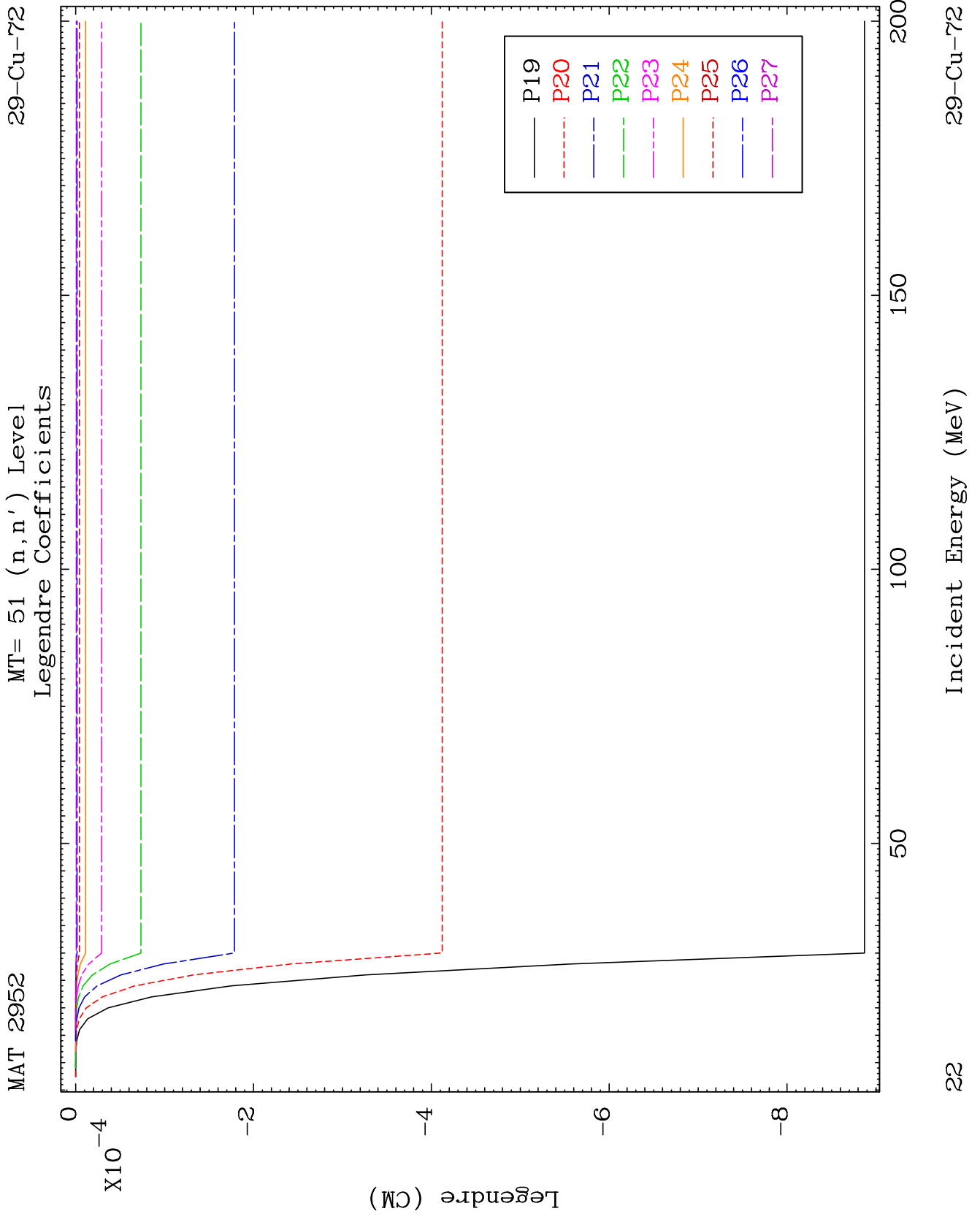
29-Cu-72

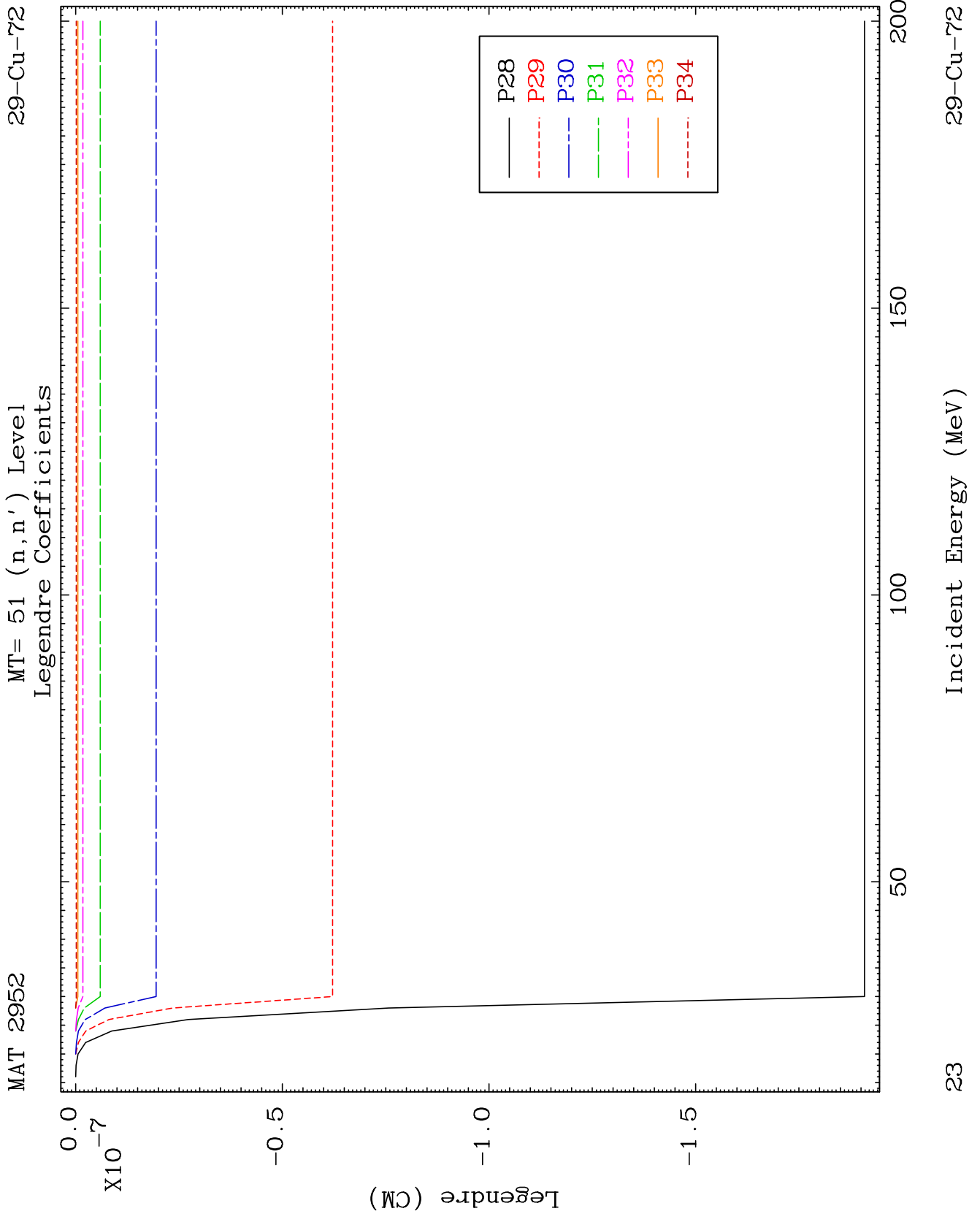


21

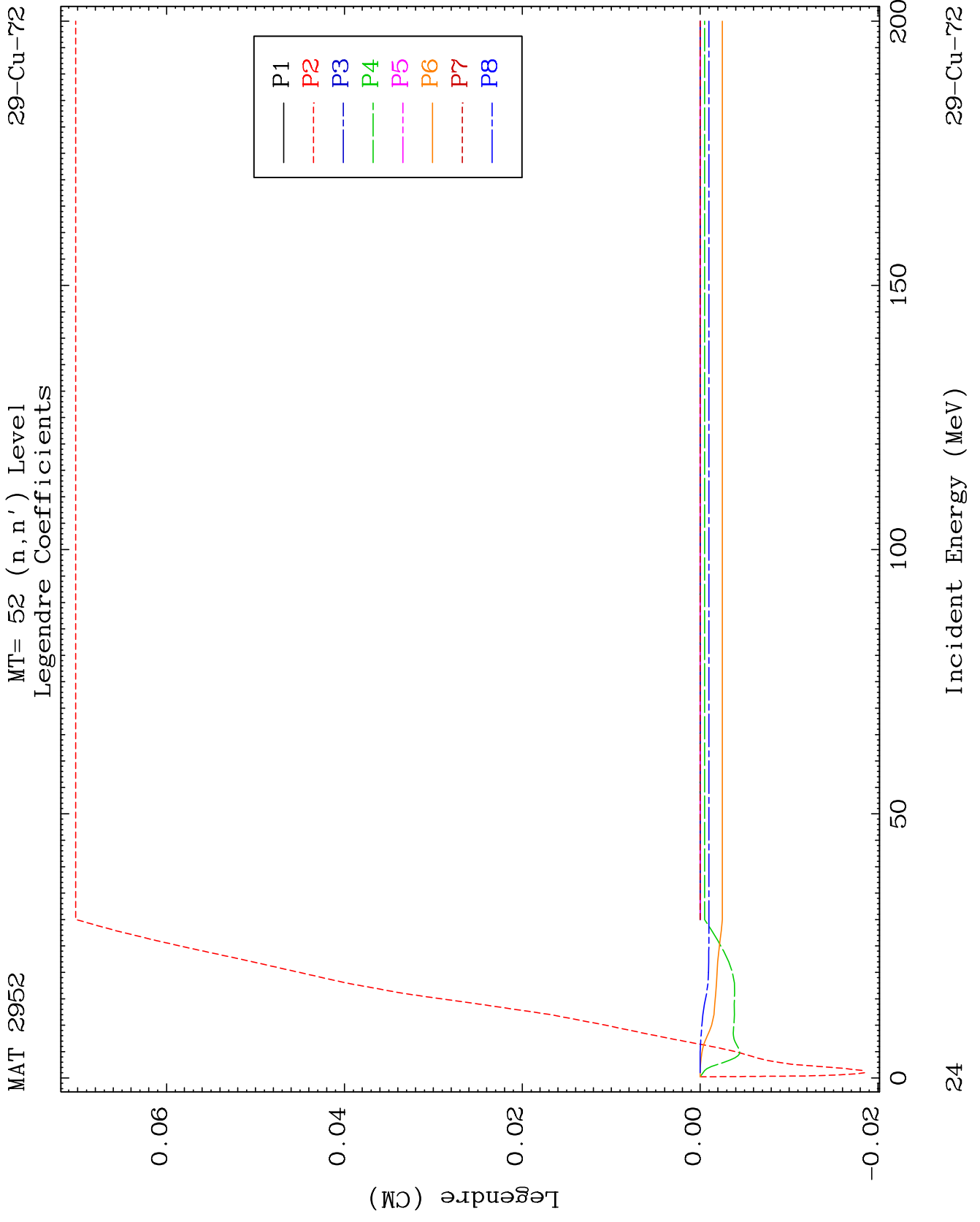
Incident Energy (MeV)

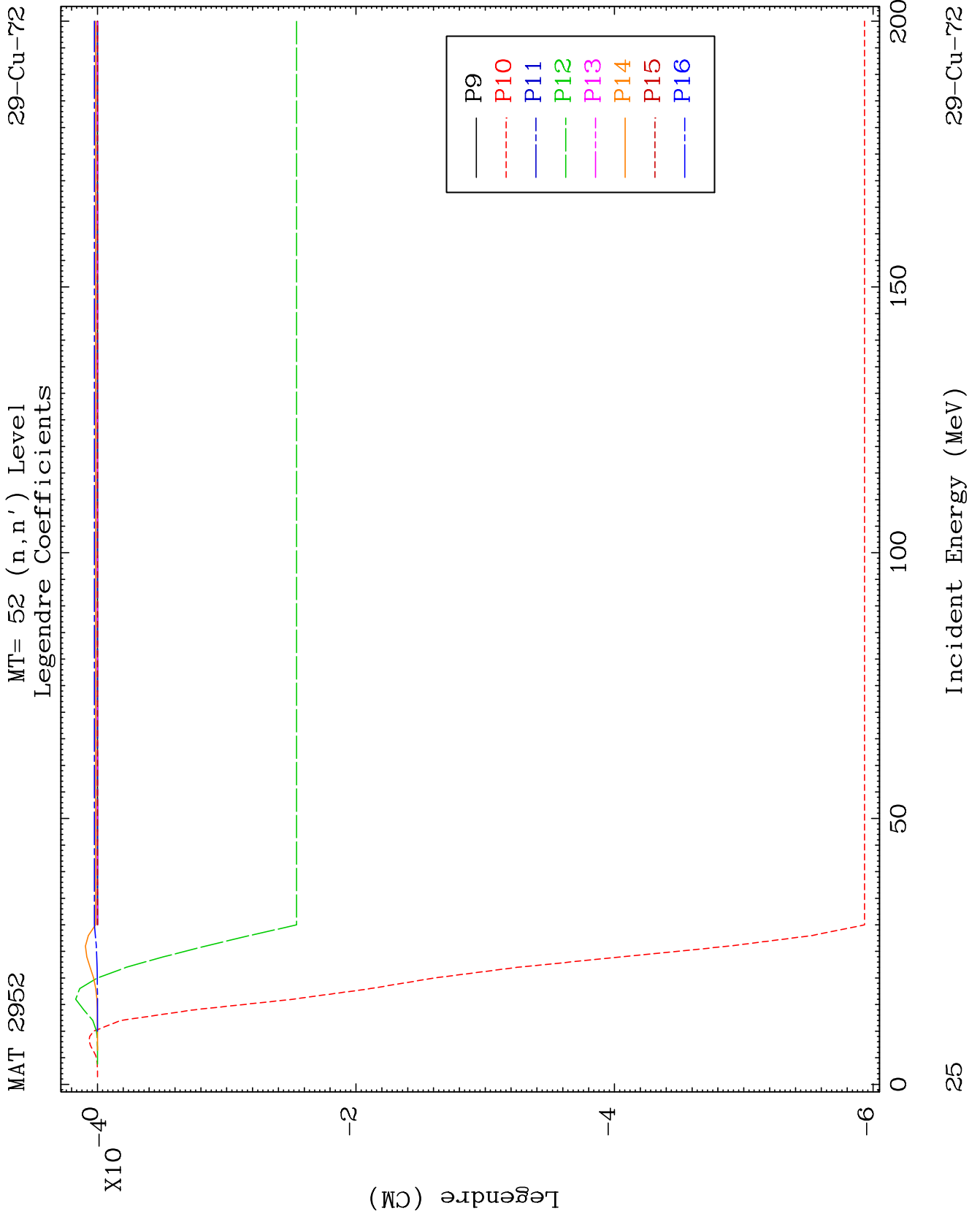
29-Cu-72

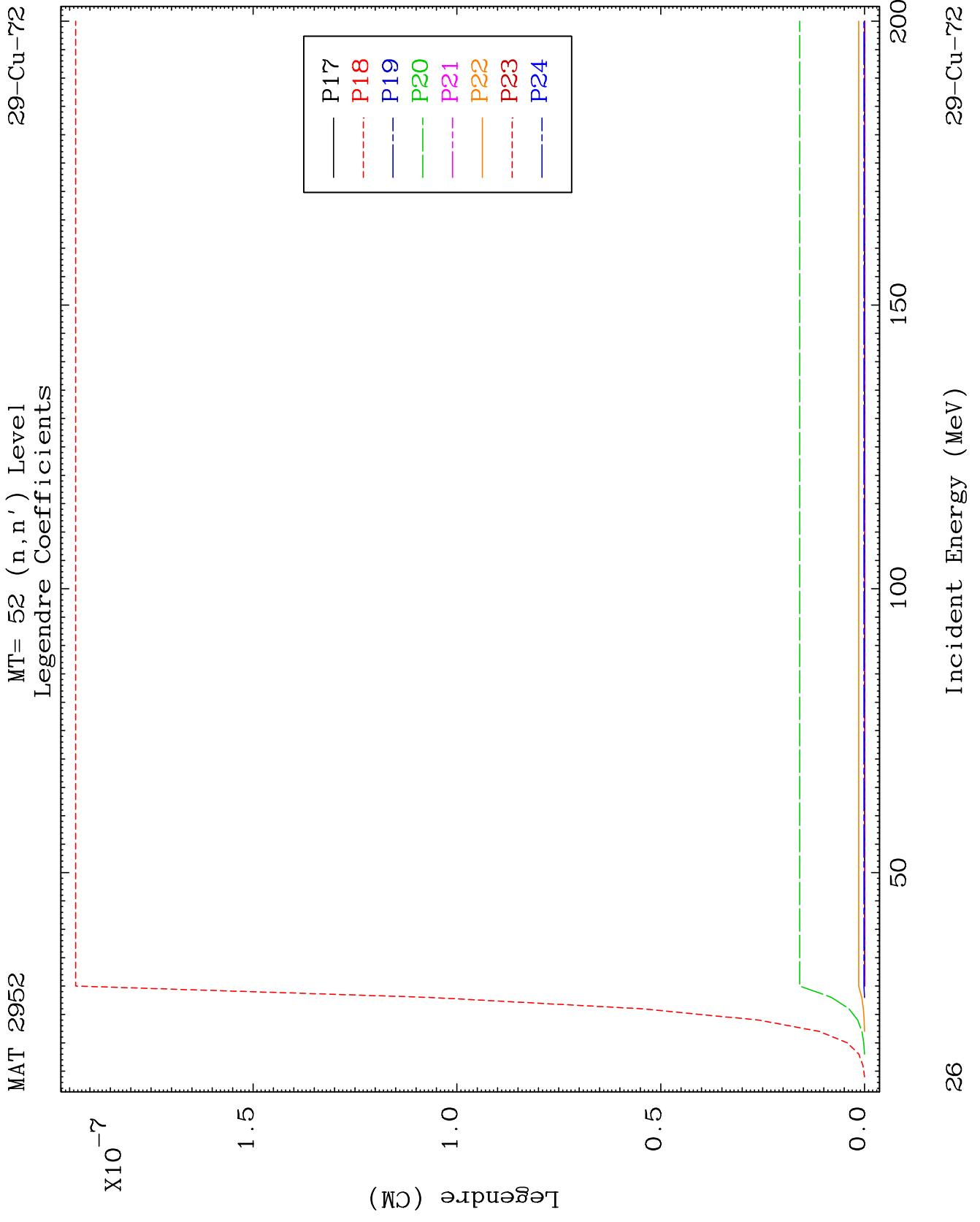


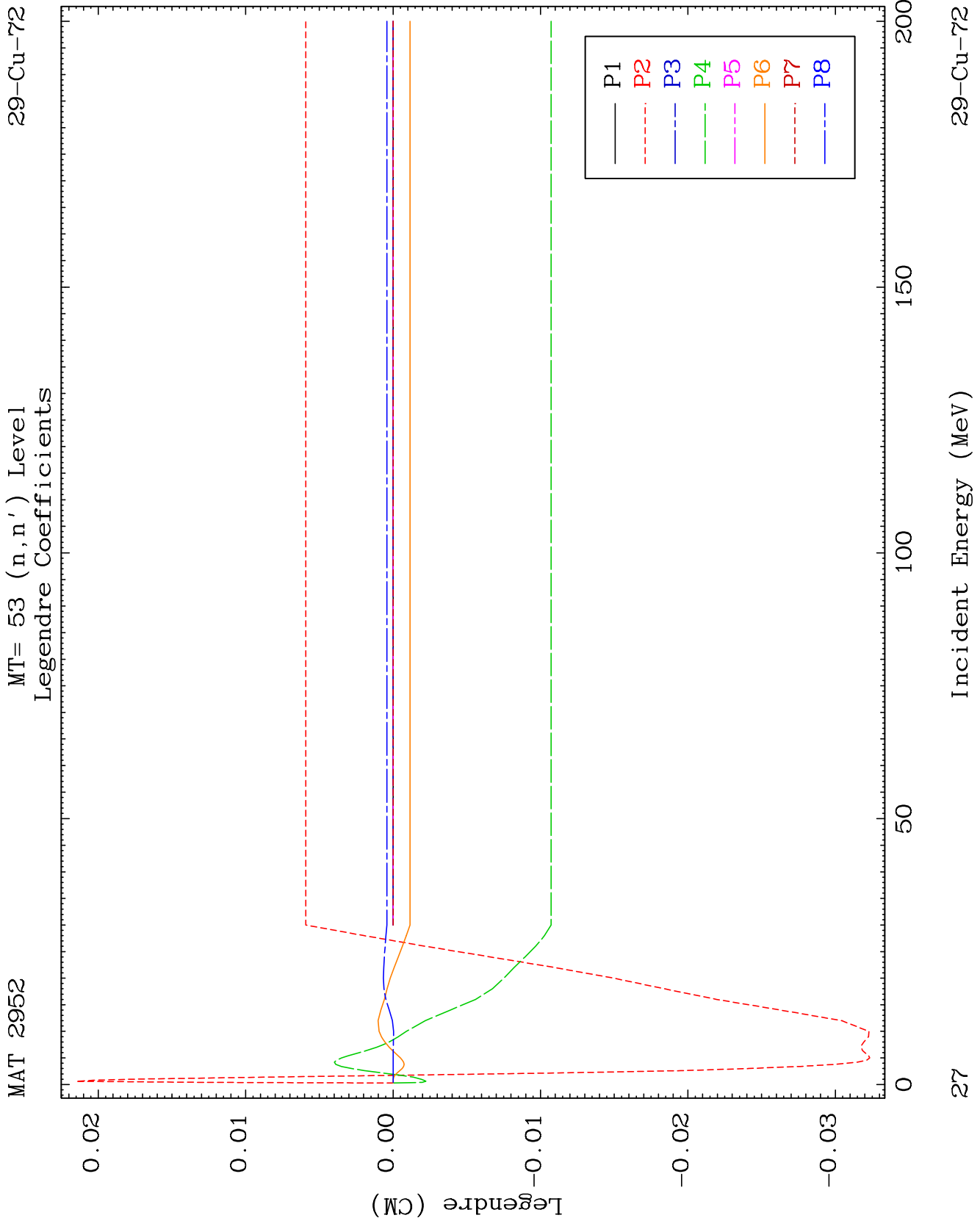


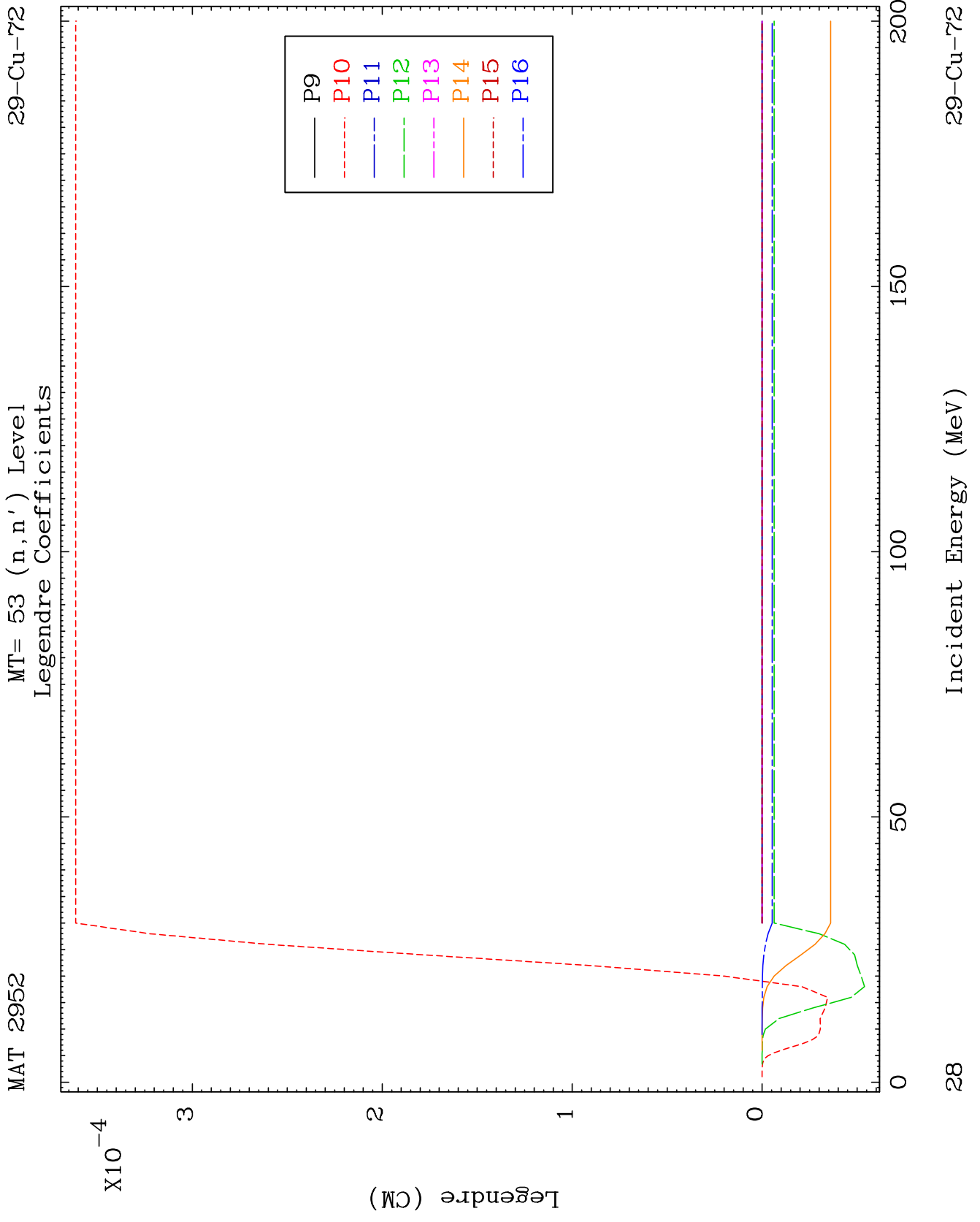


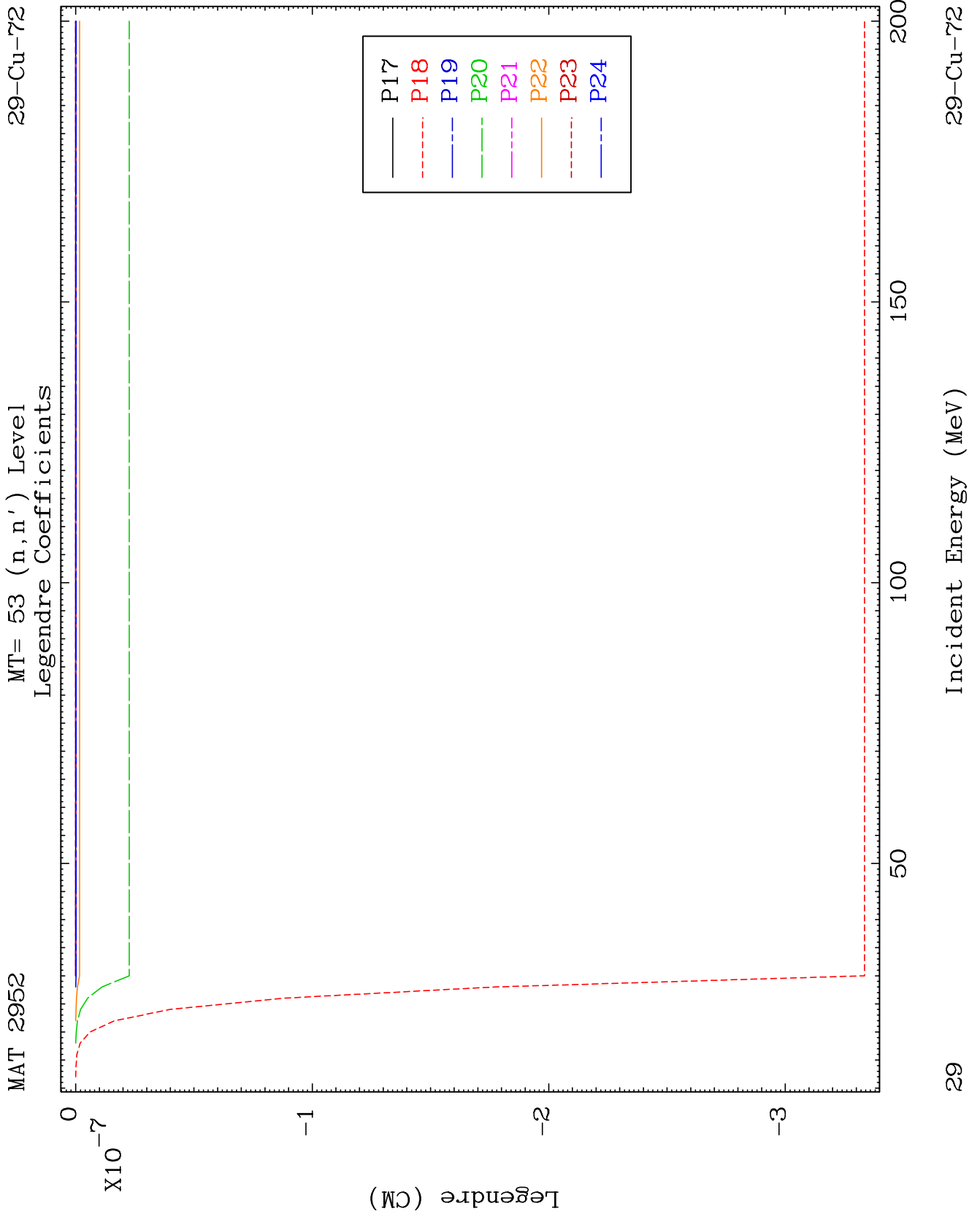










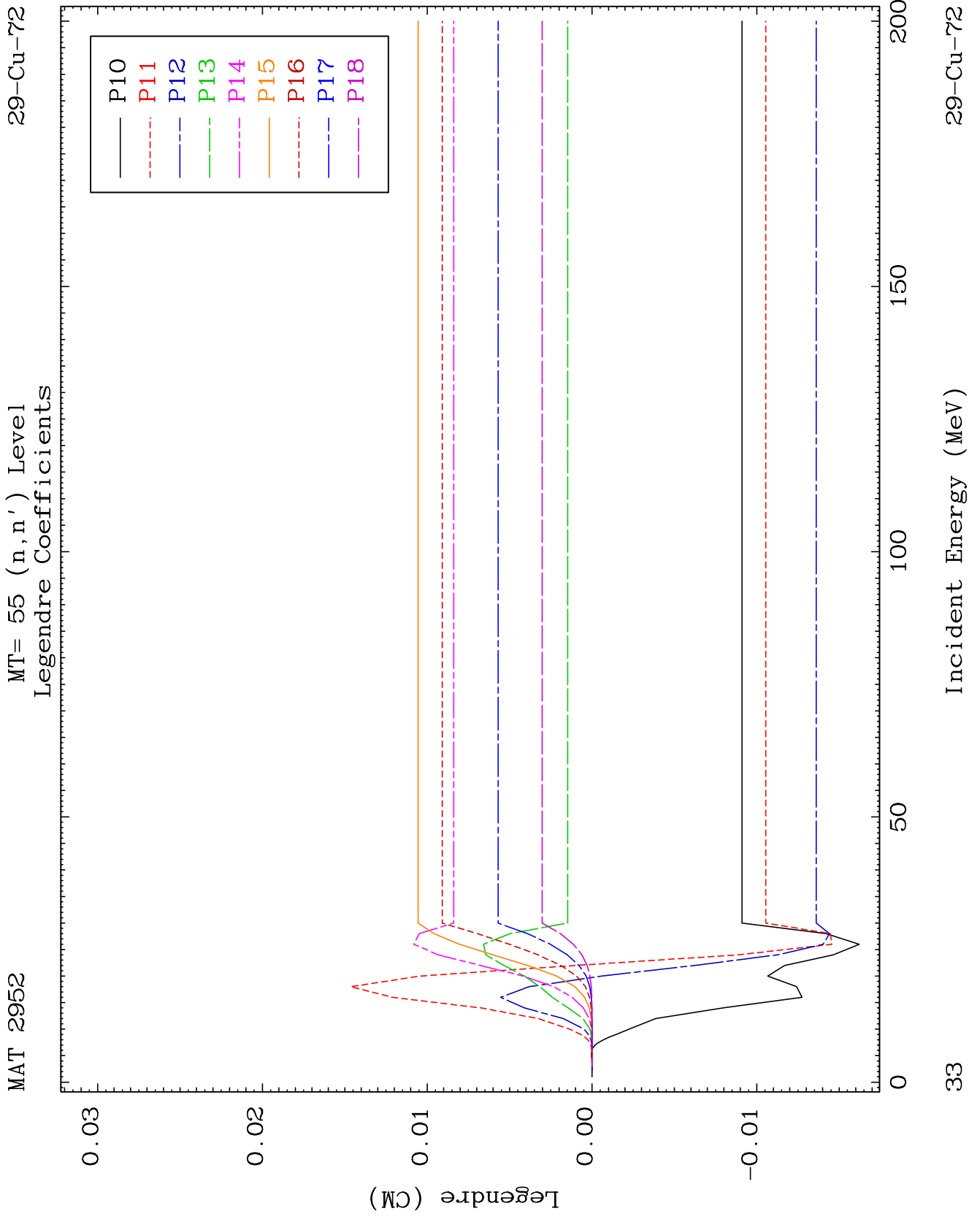








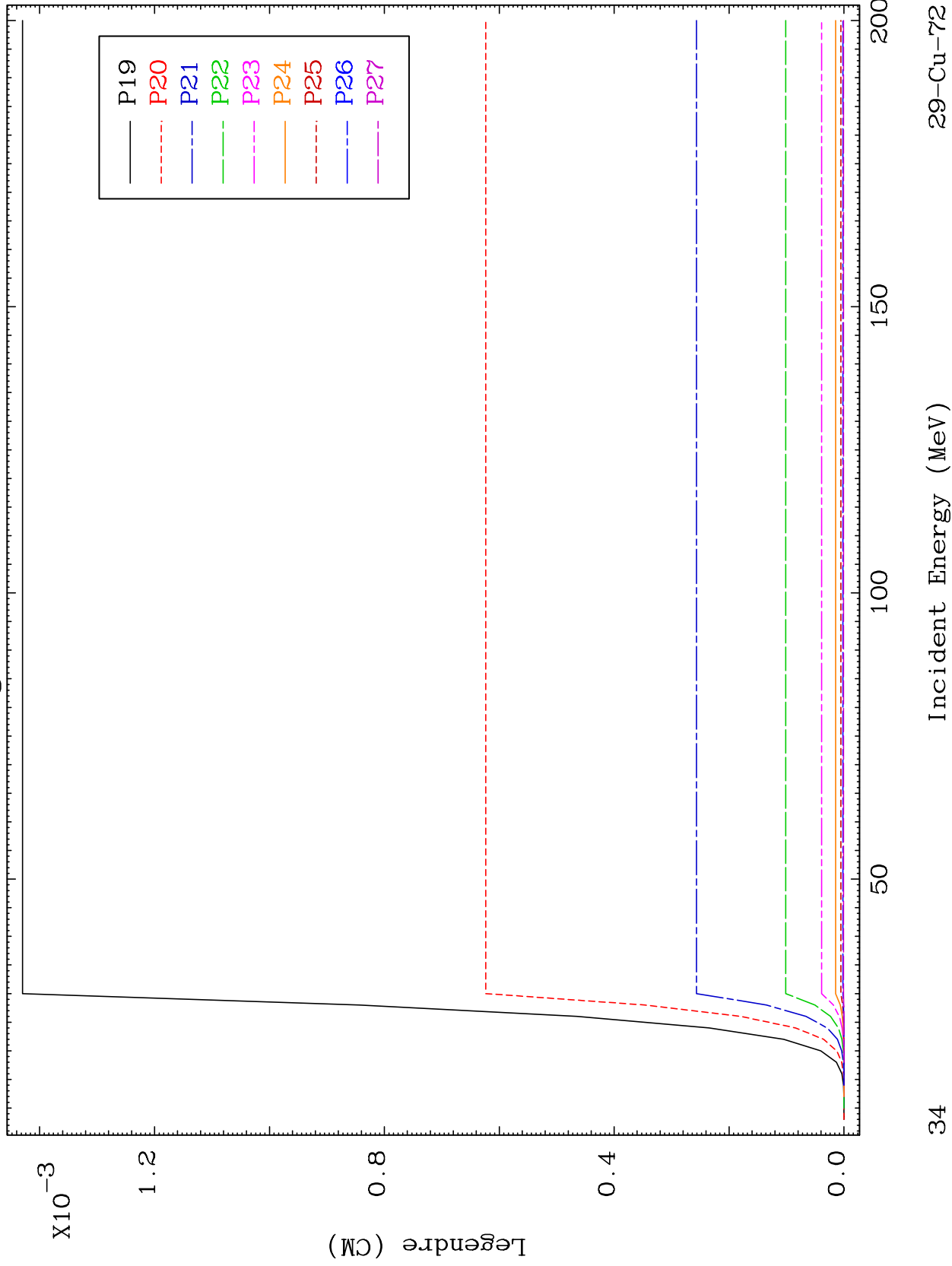




MAT 2952

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

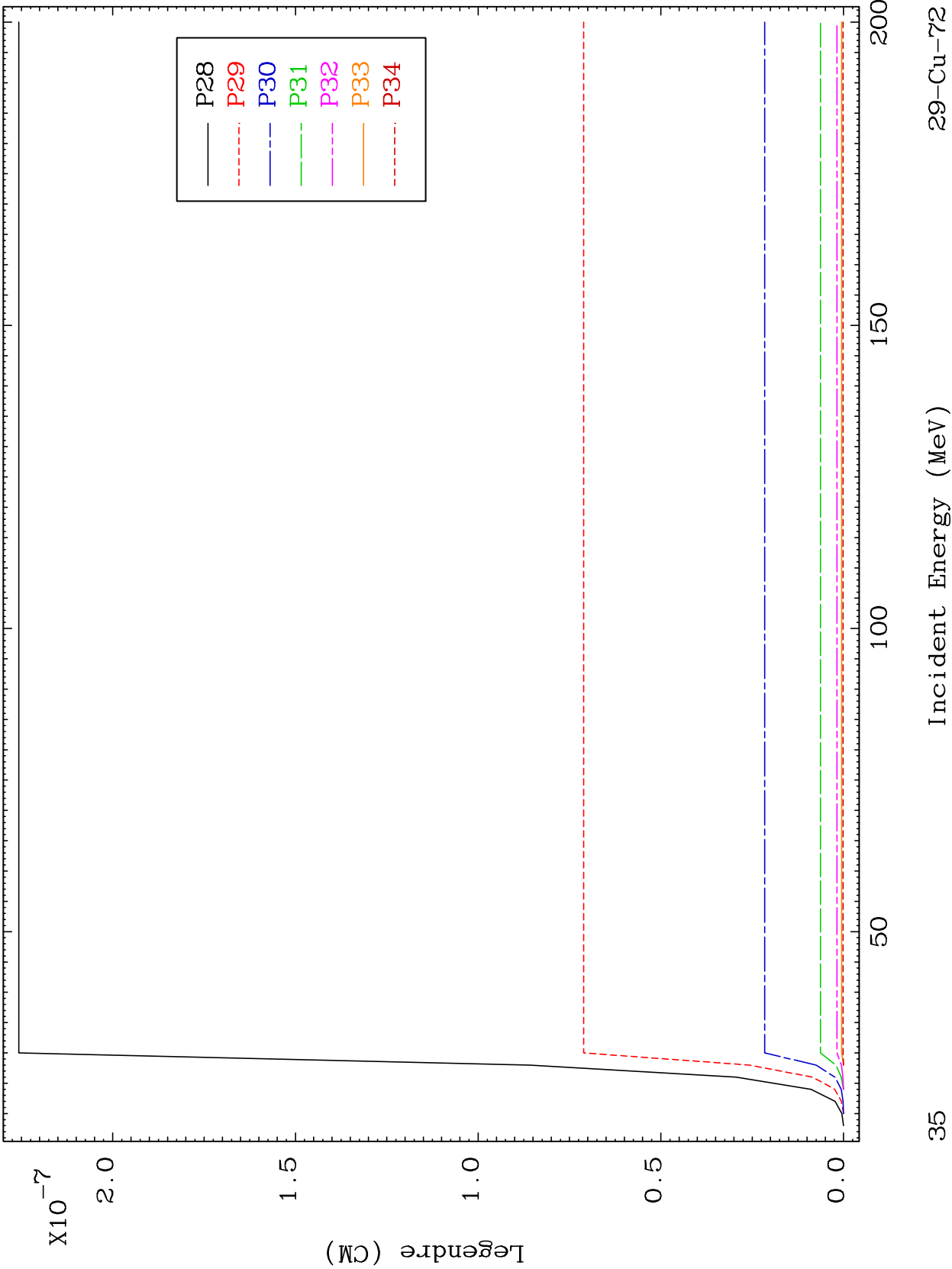
29-Cu-72



MAT 2952

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

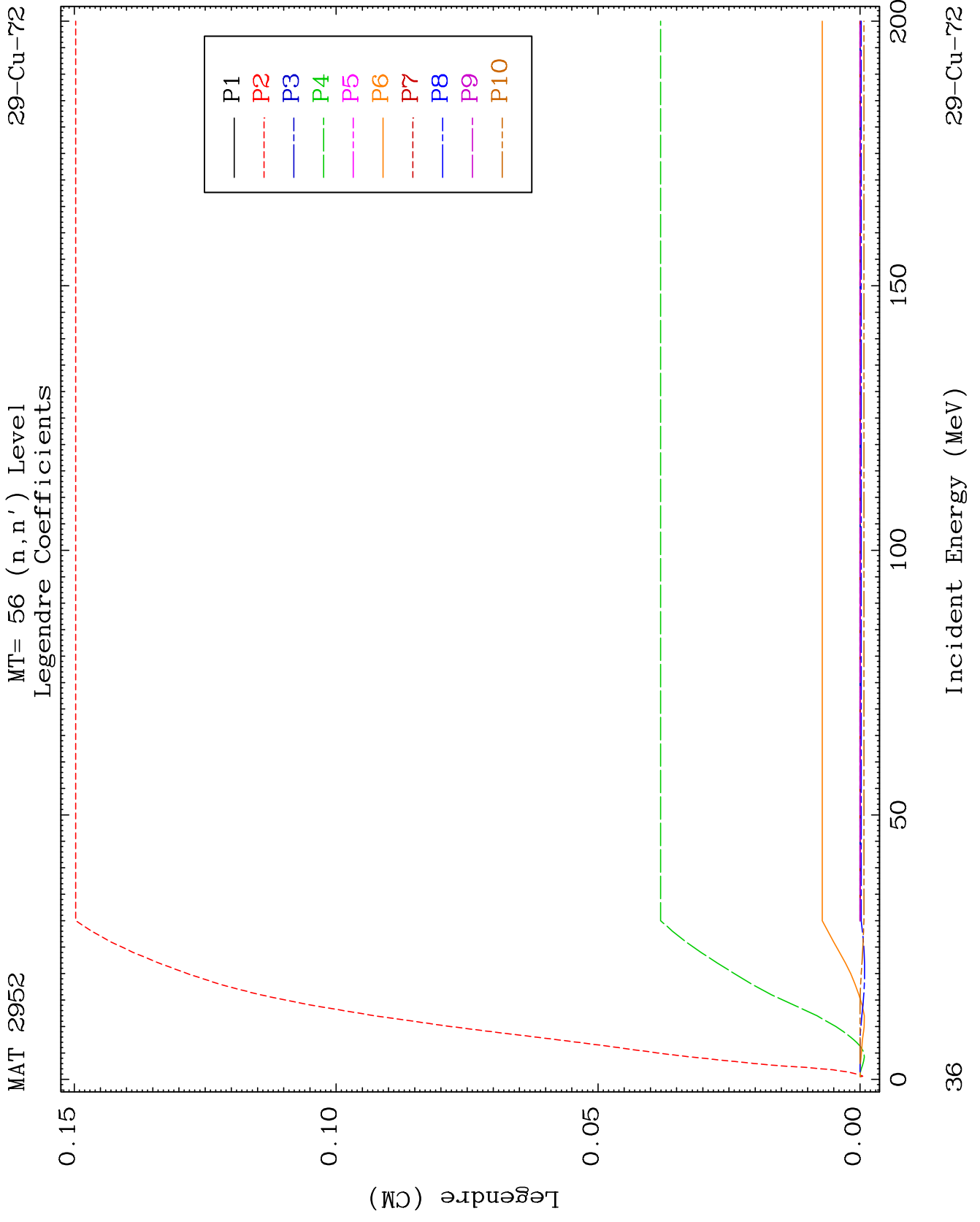
29-Cu-72



35

Incident Energy (MeV)

29-Cu-72

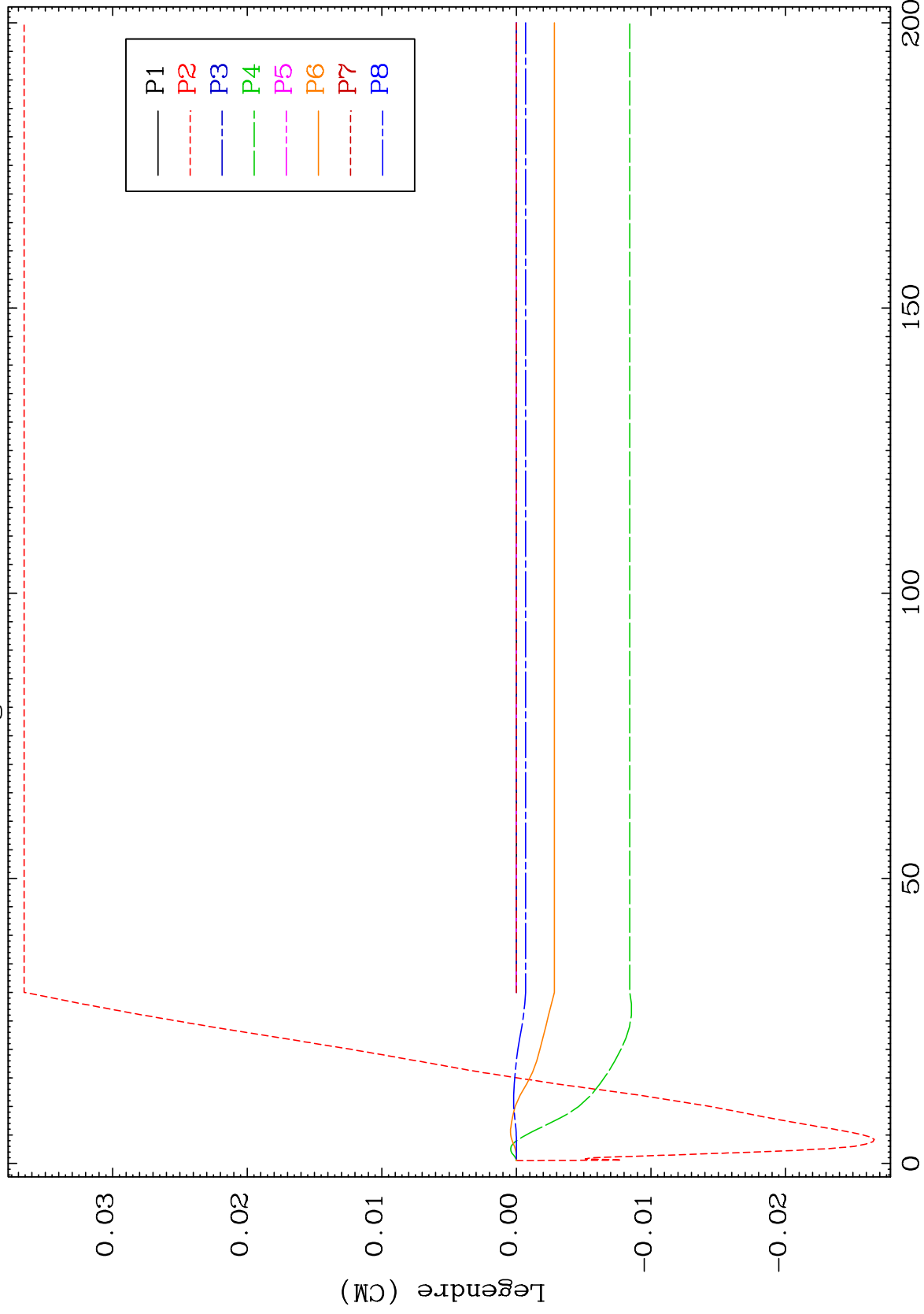




MAT 2952

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

29-Cu-72



38

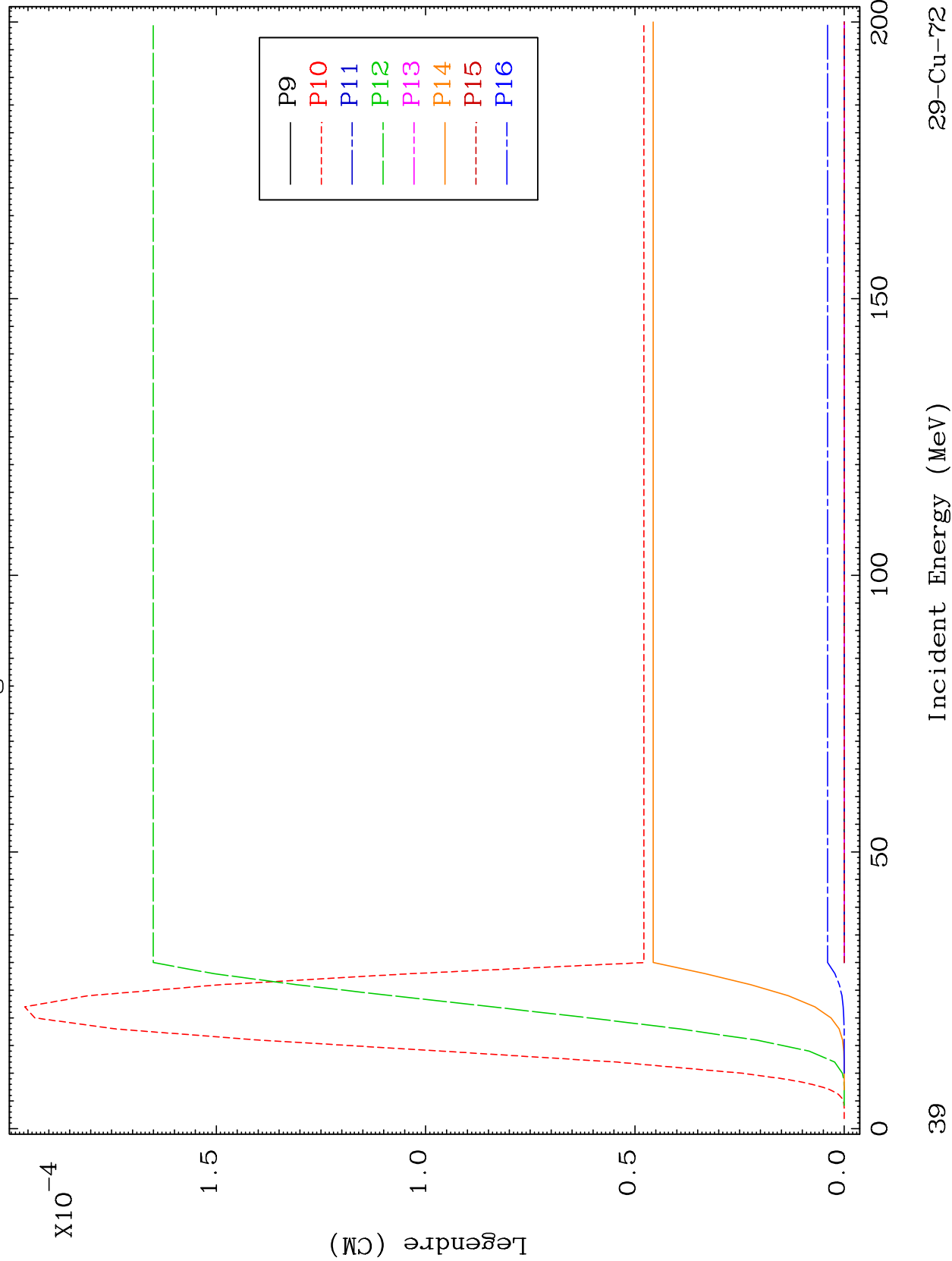
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



39

Incident Energy (MeV)

29-Cu-72

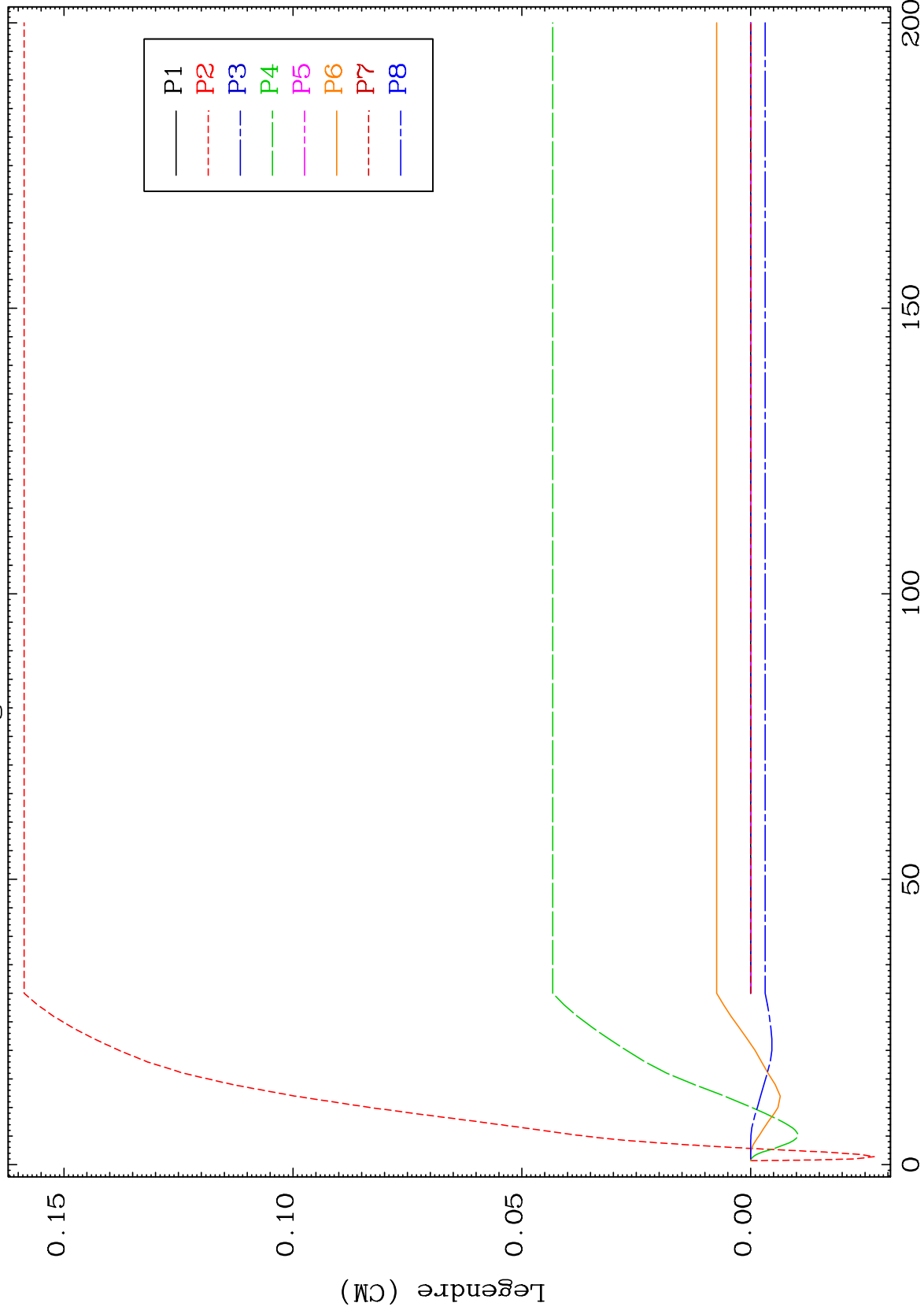




MAT 2952

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

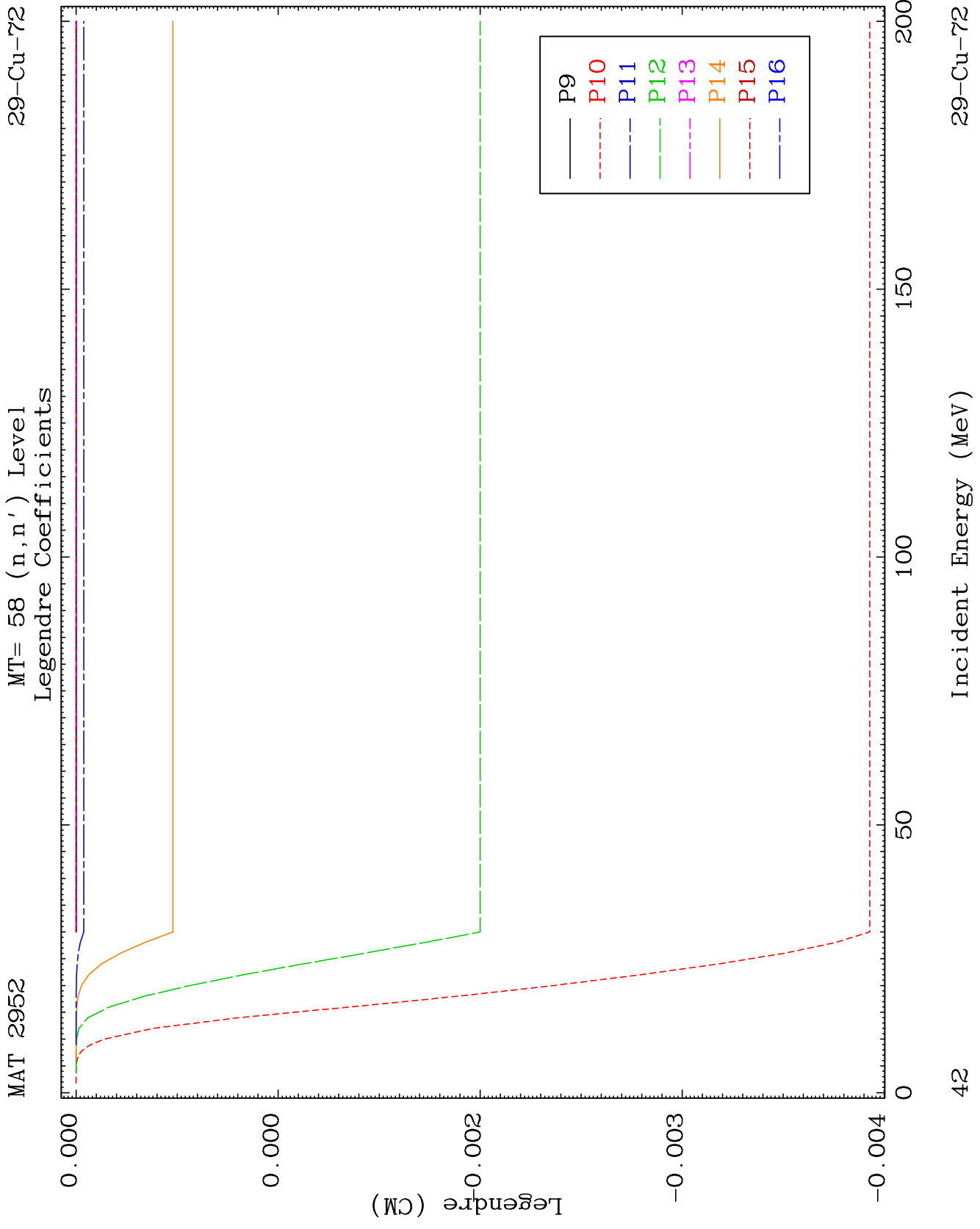
29-Cu-72

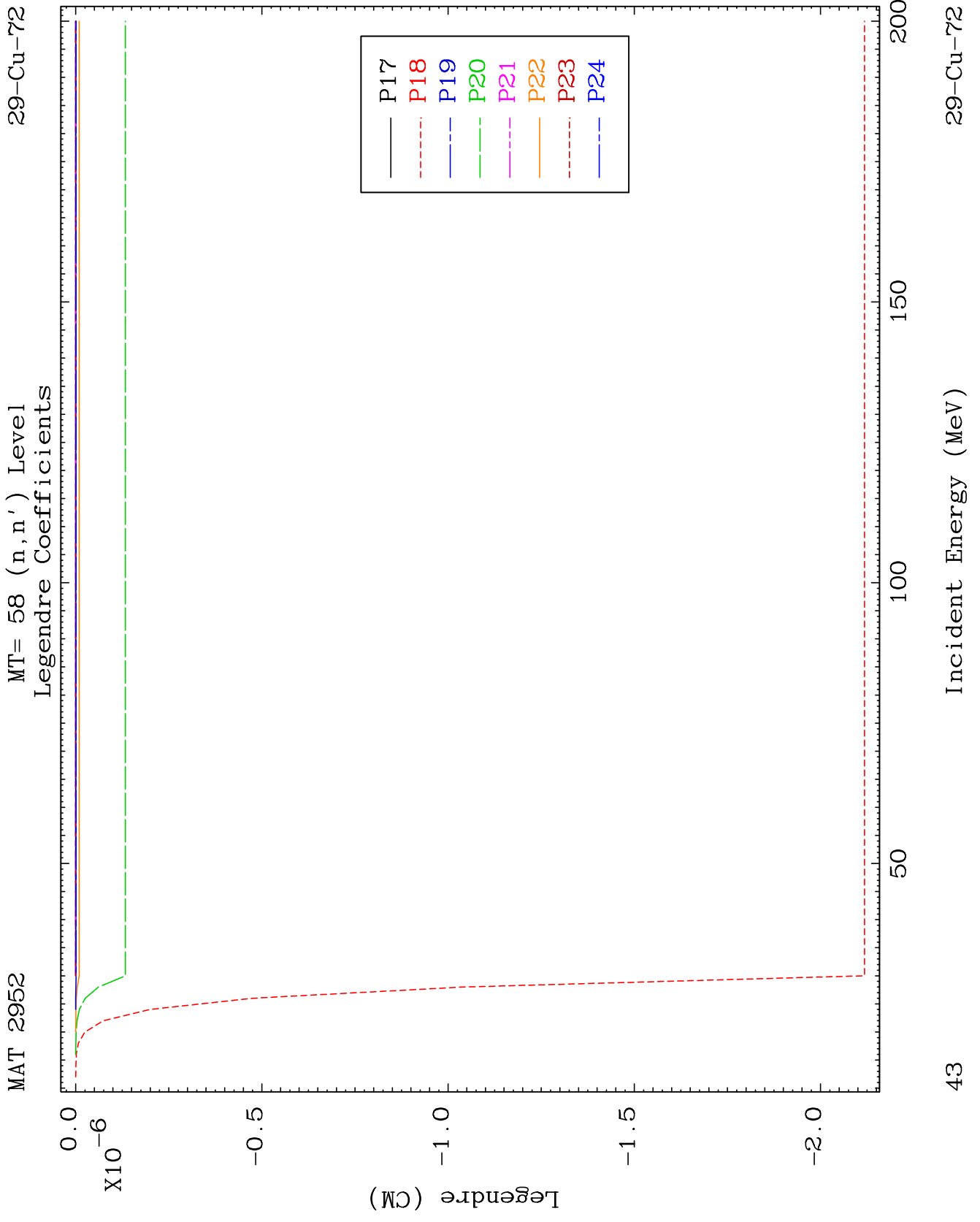


41

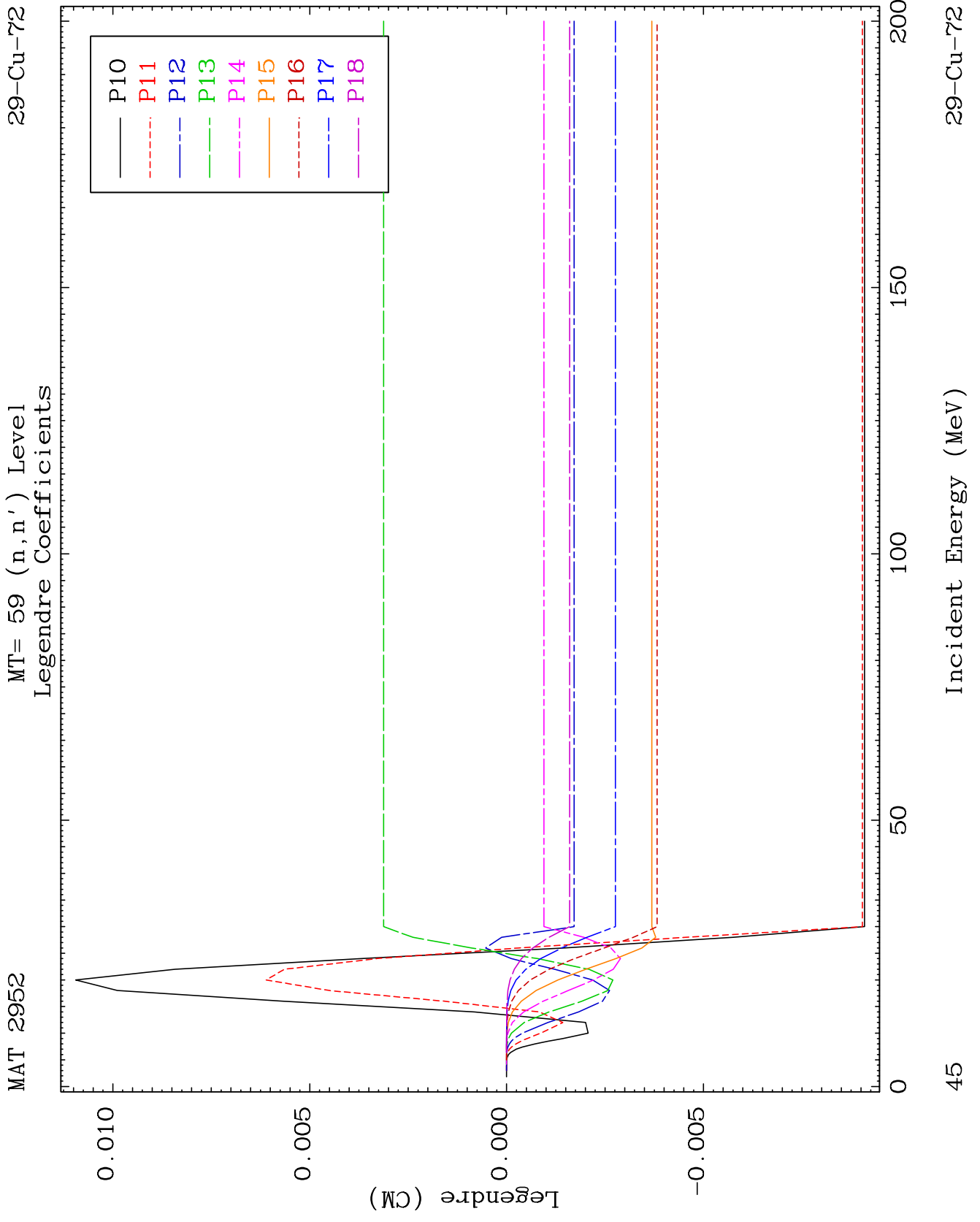
Incident Energy (MeV)

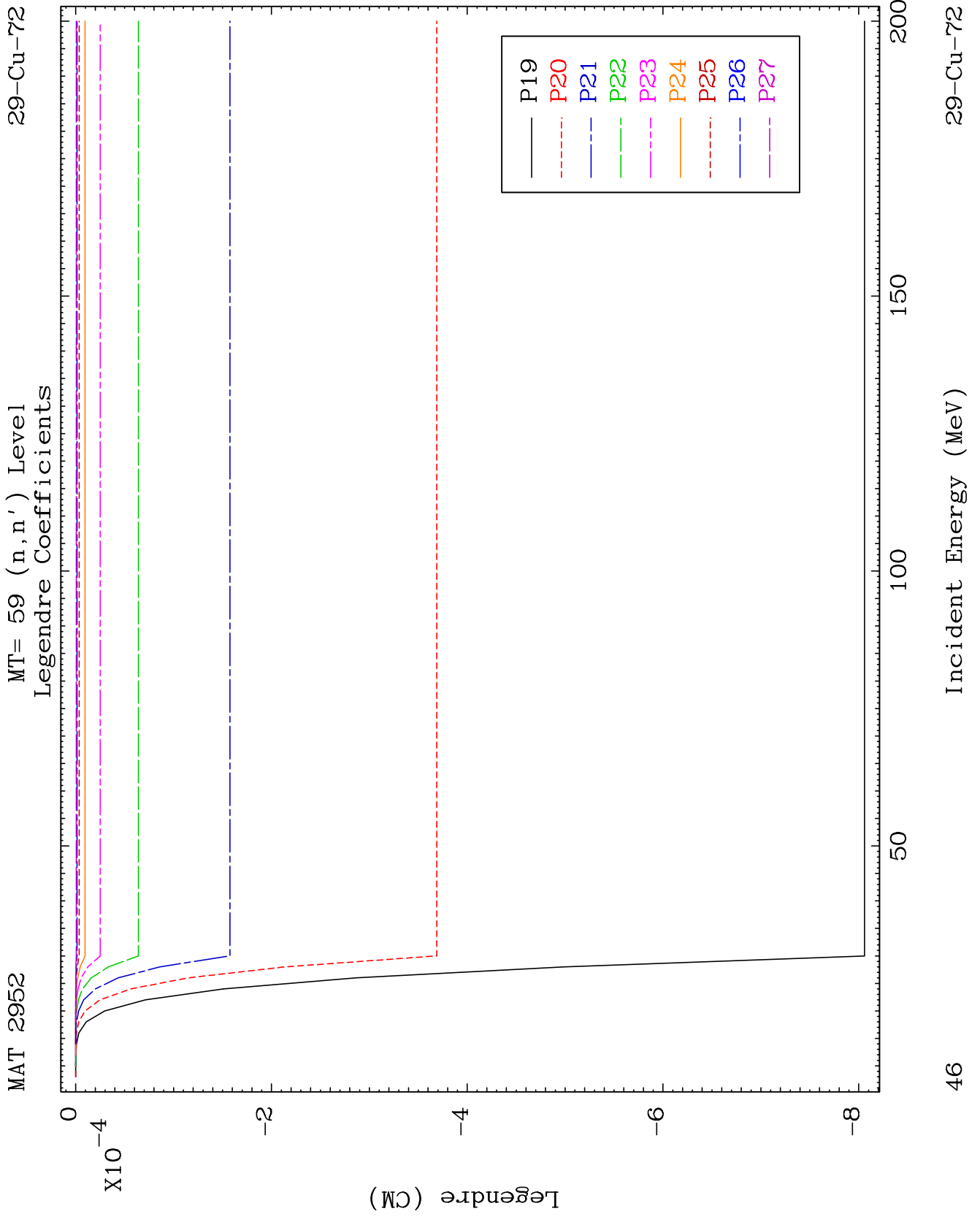
29-Cu-72







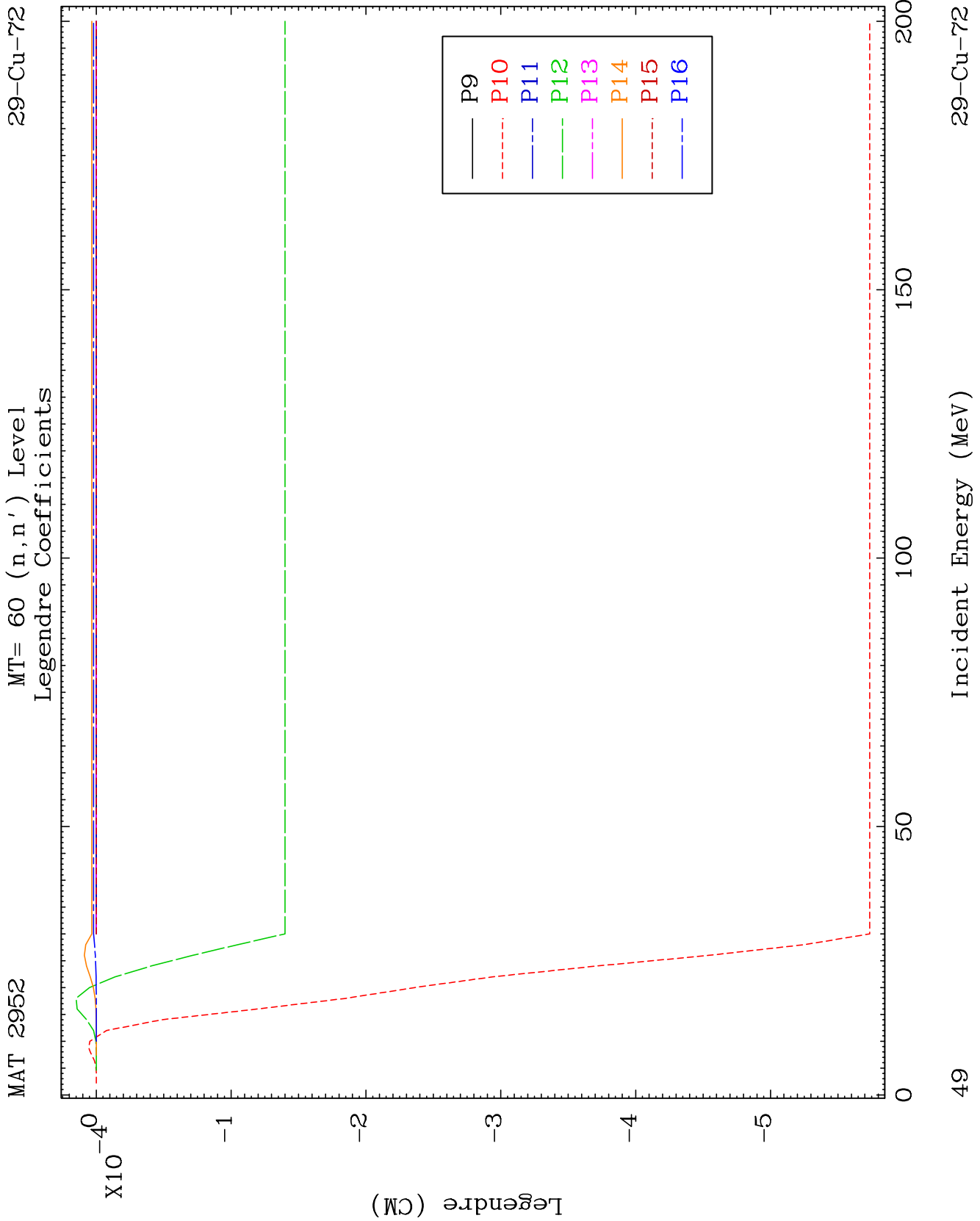


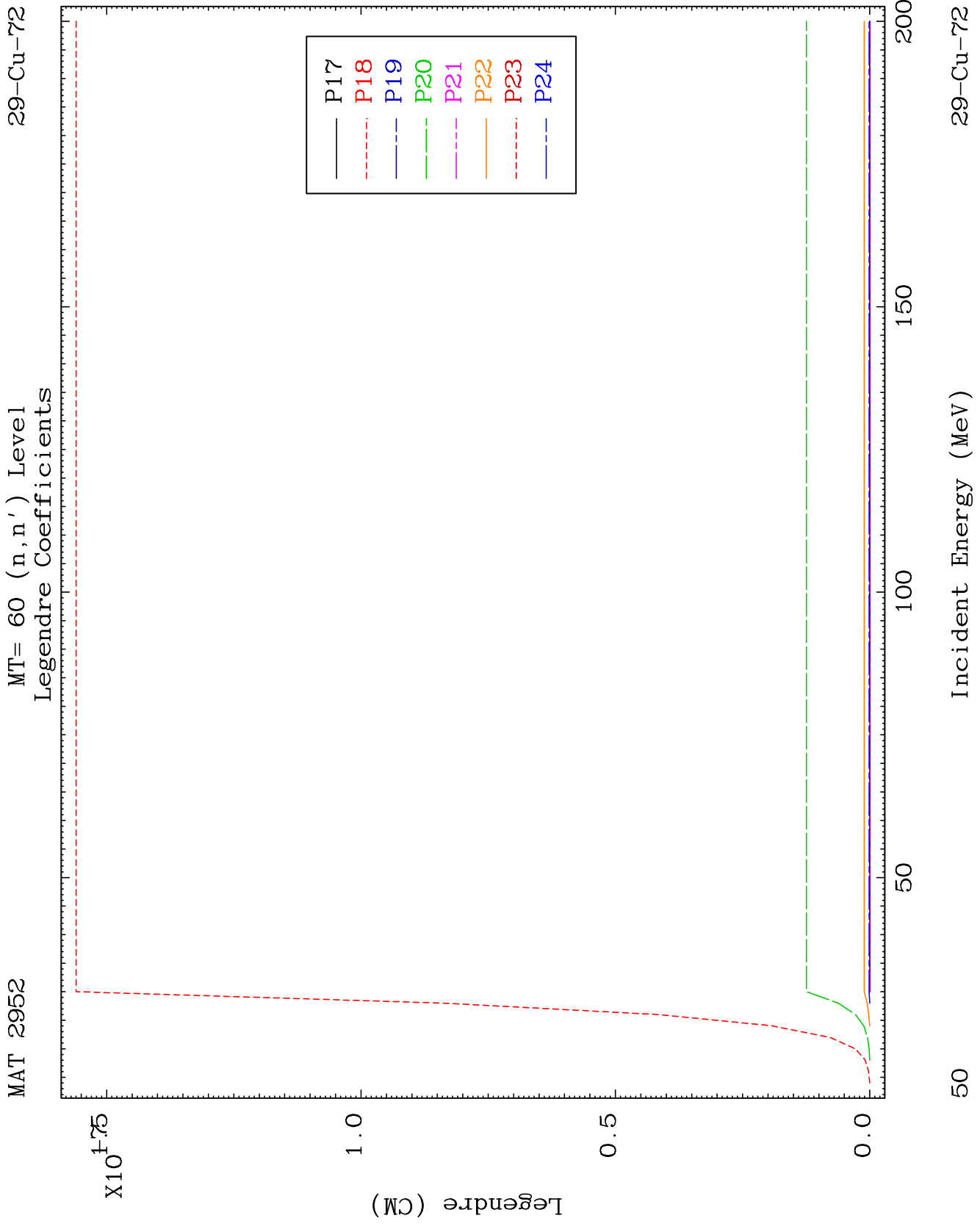








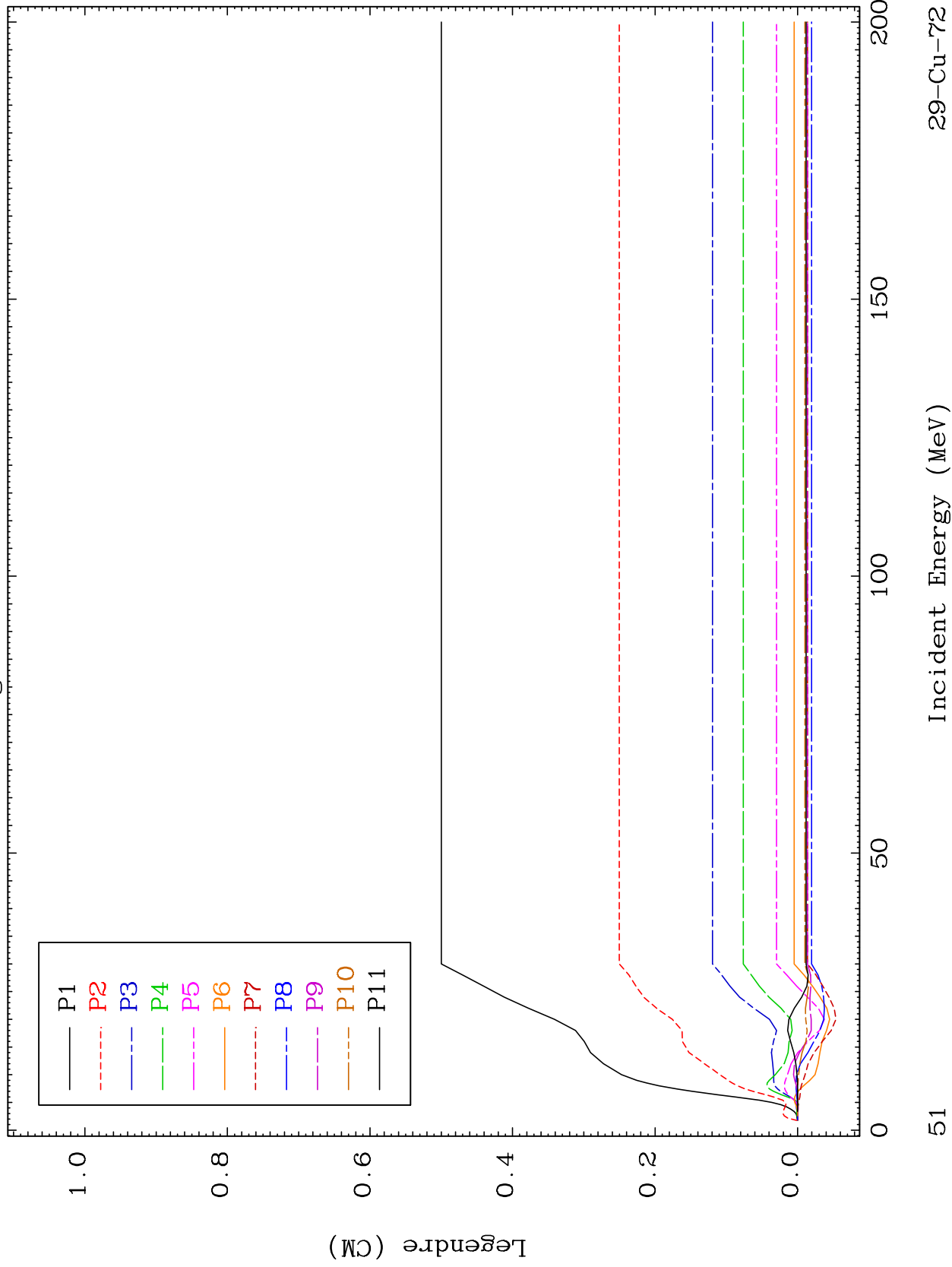




MAT 2952

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

29-Cu-72

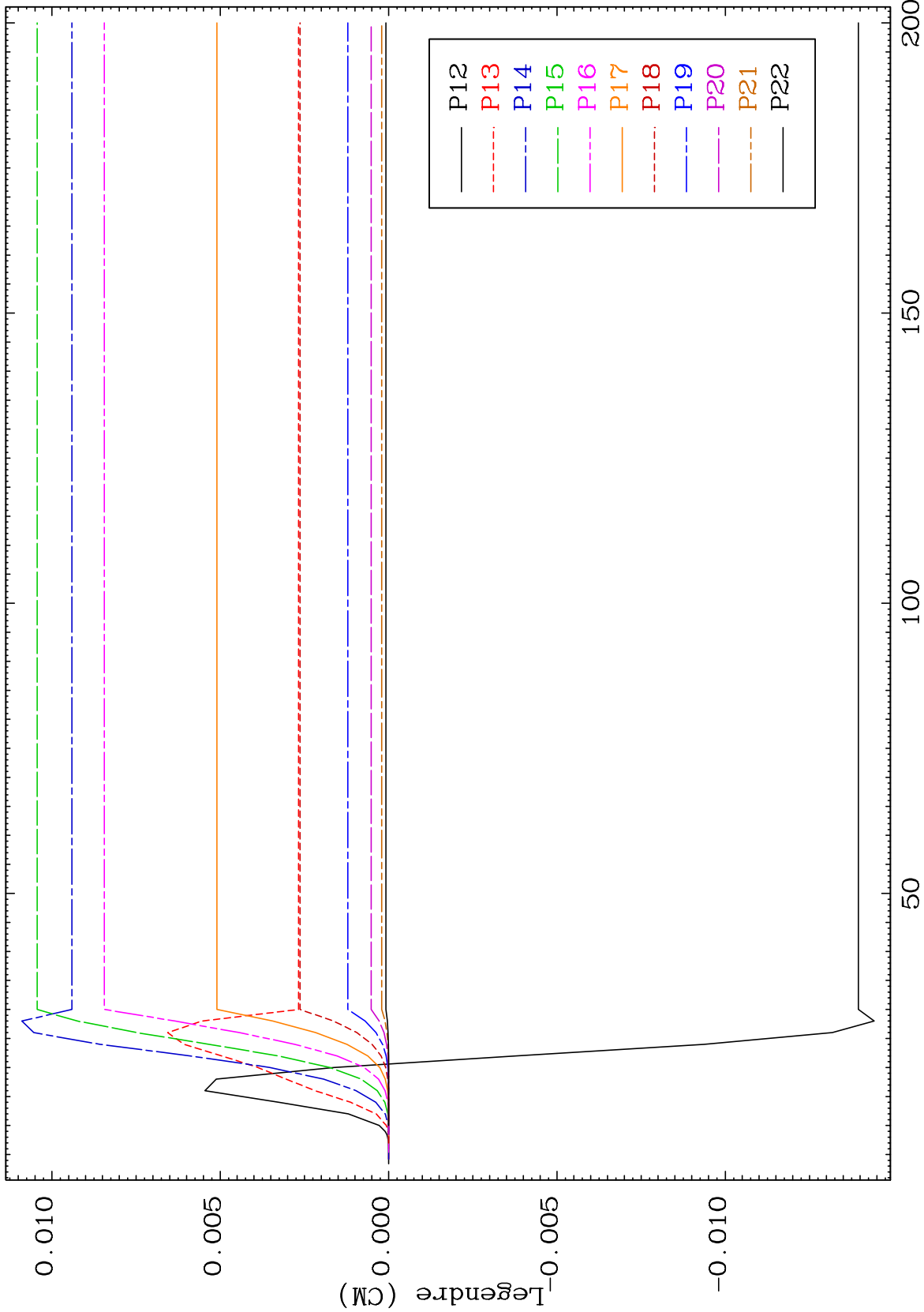


51

MAT 2952

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

29-Cu-72



52

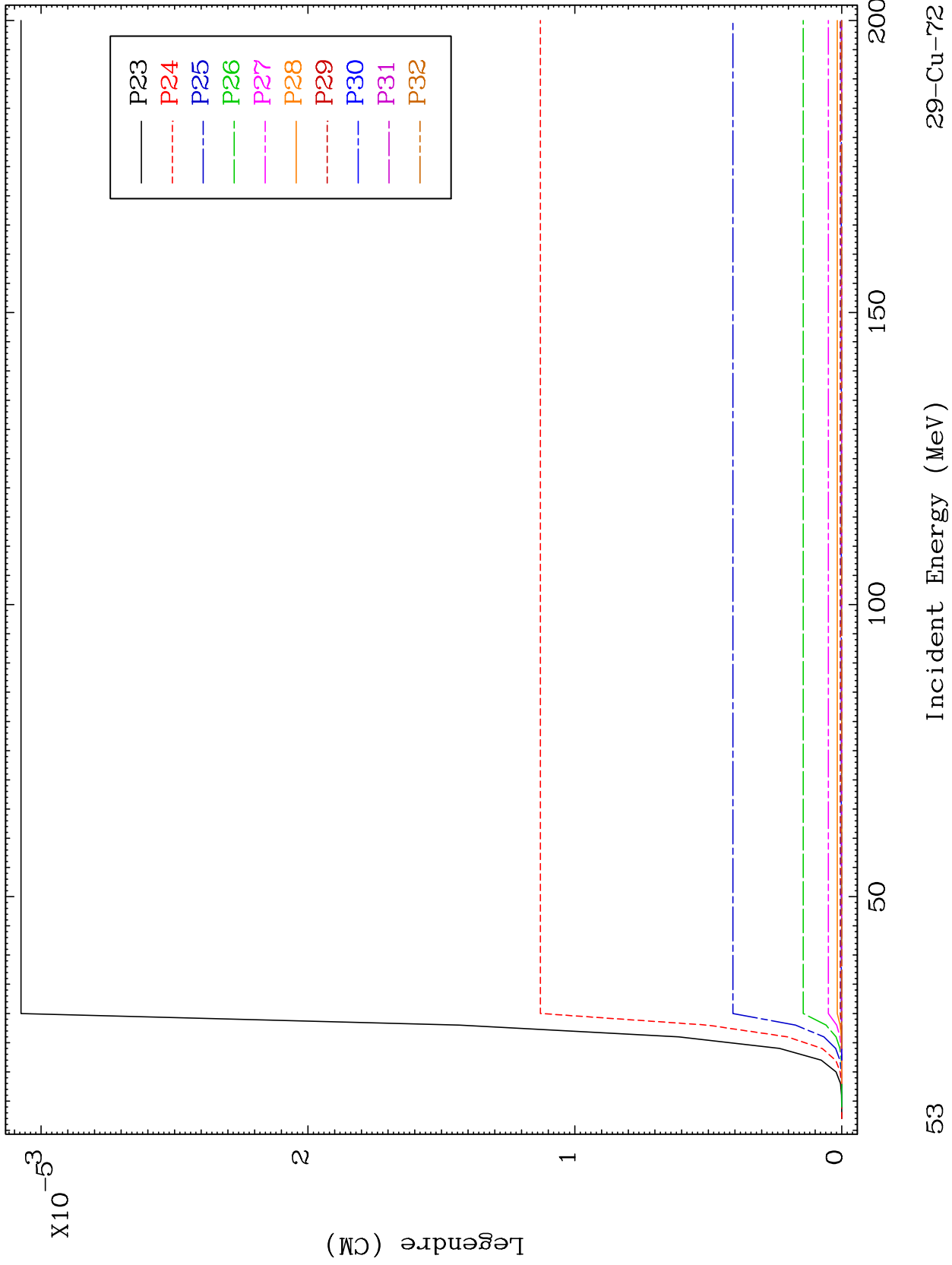
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

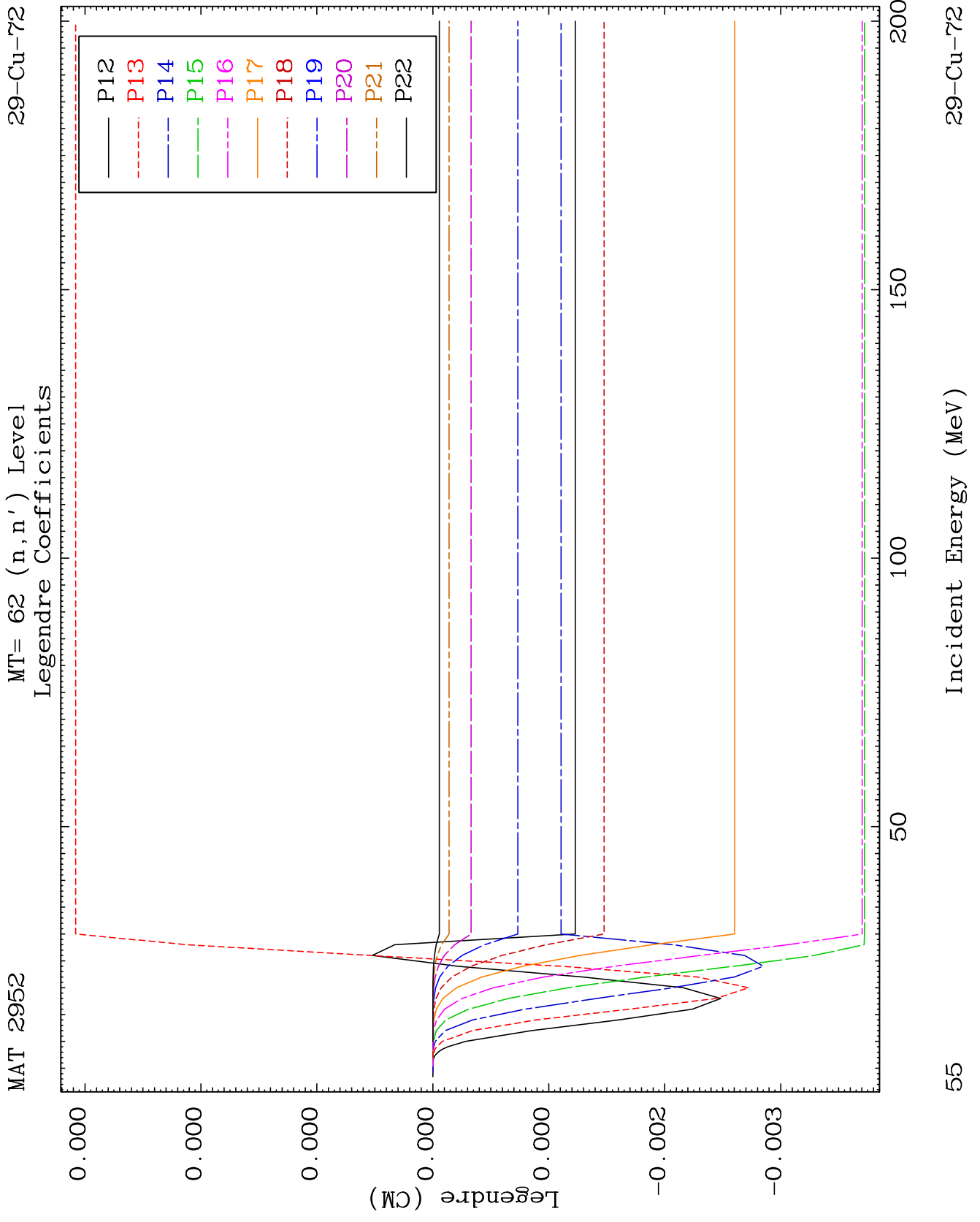
29-Cu-72



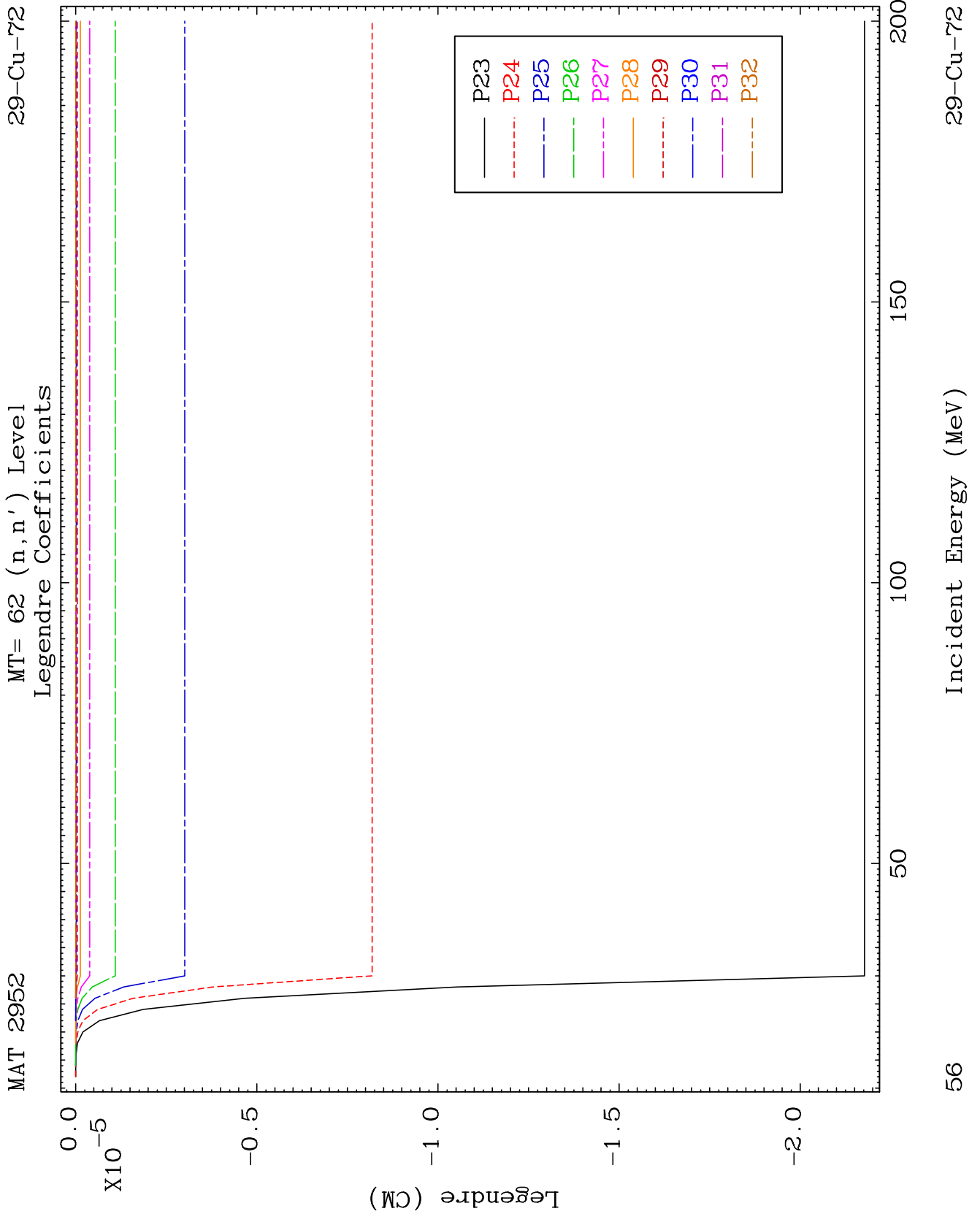
53

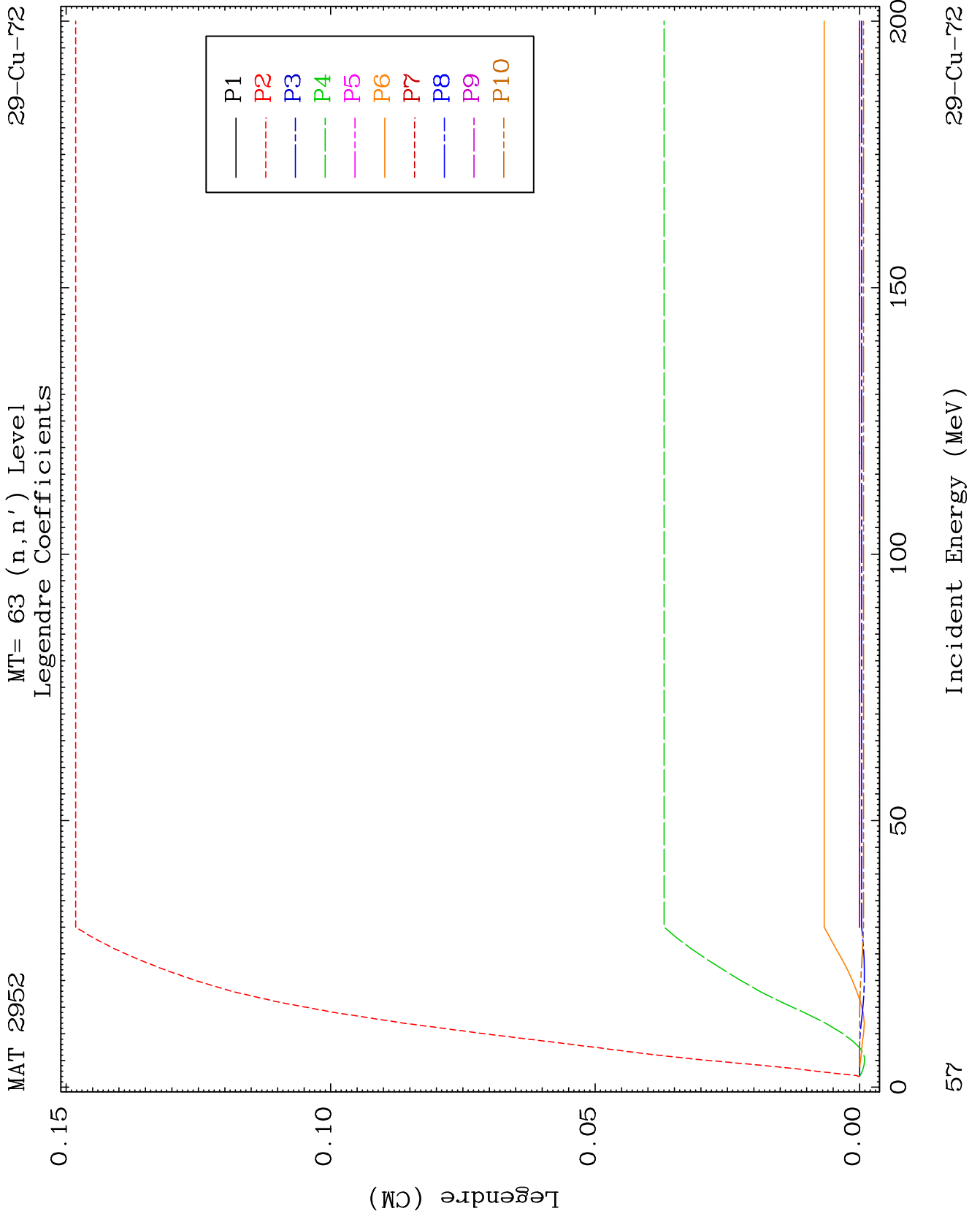
29-Cu-72



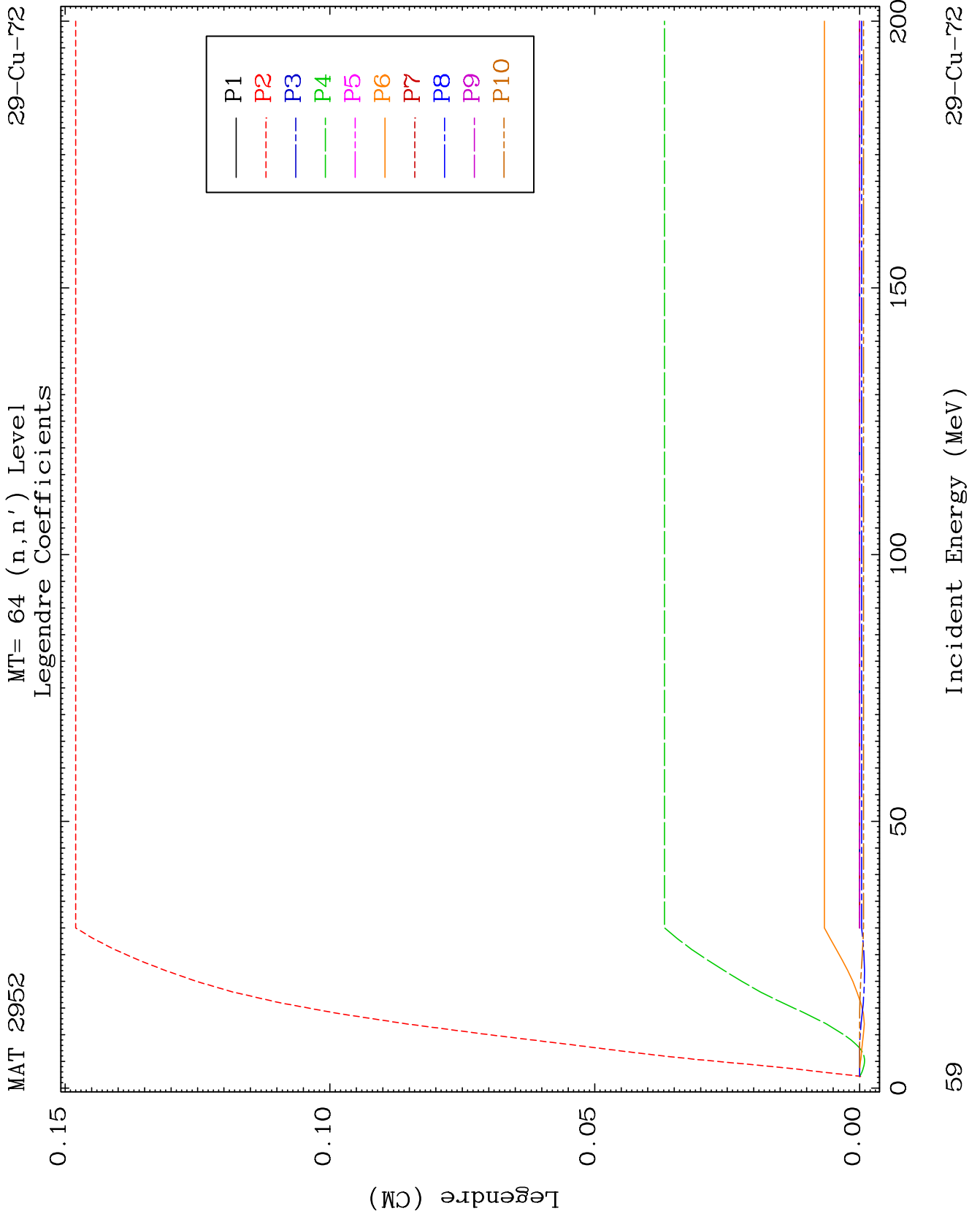


















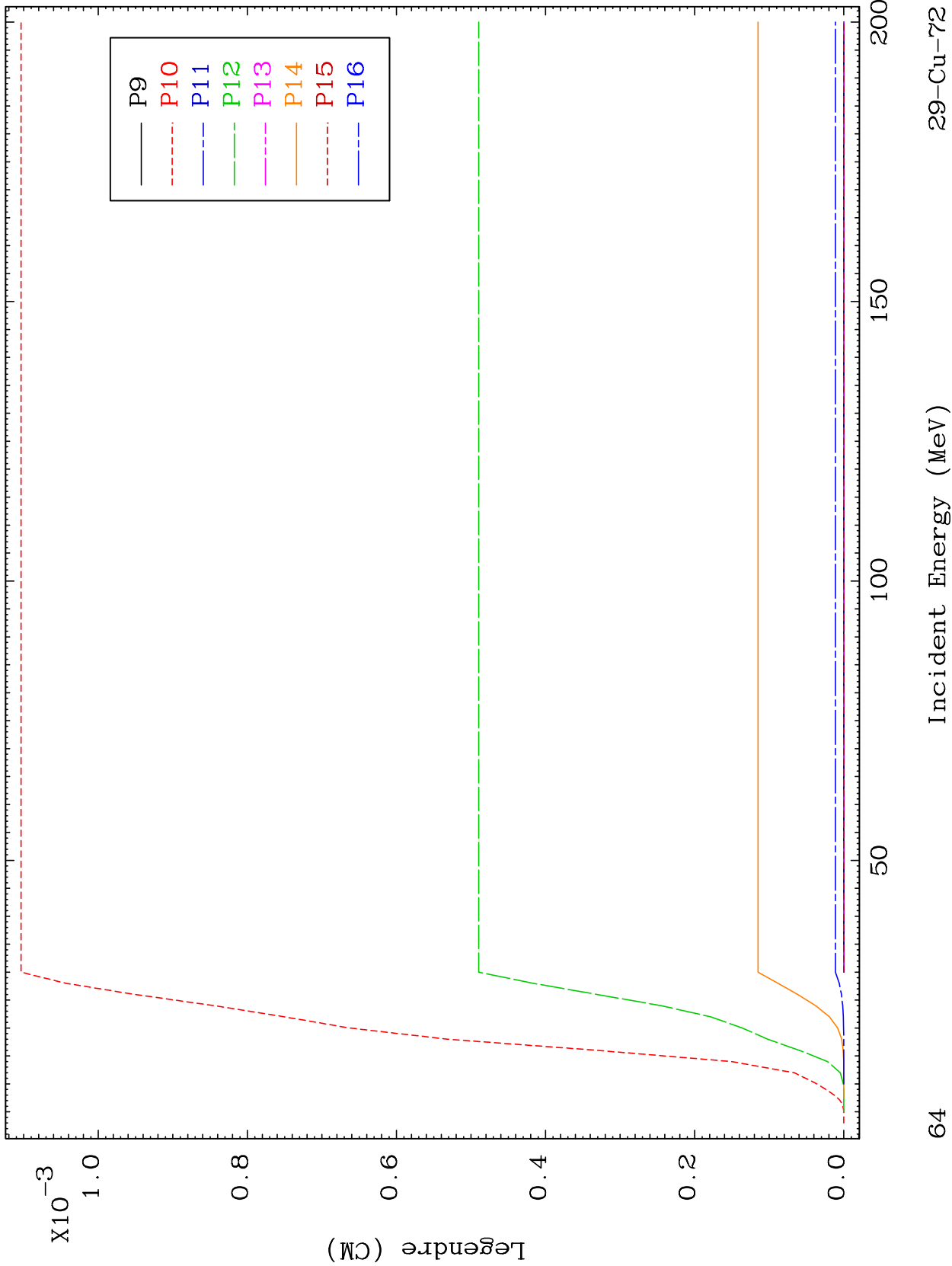




MAT 2952

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

29-Cu-72

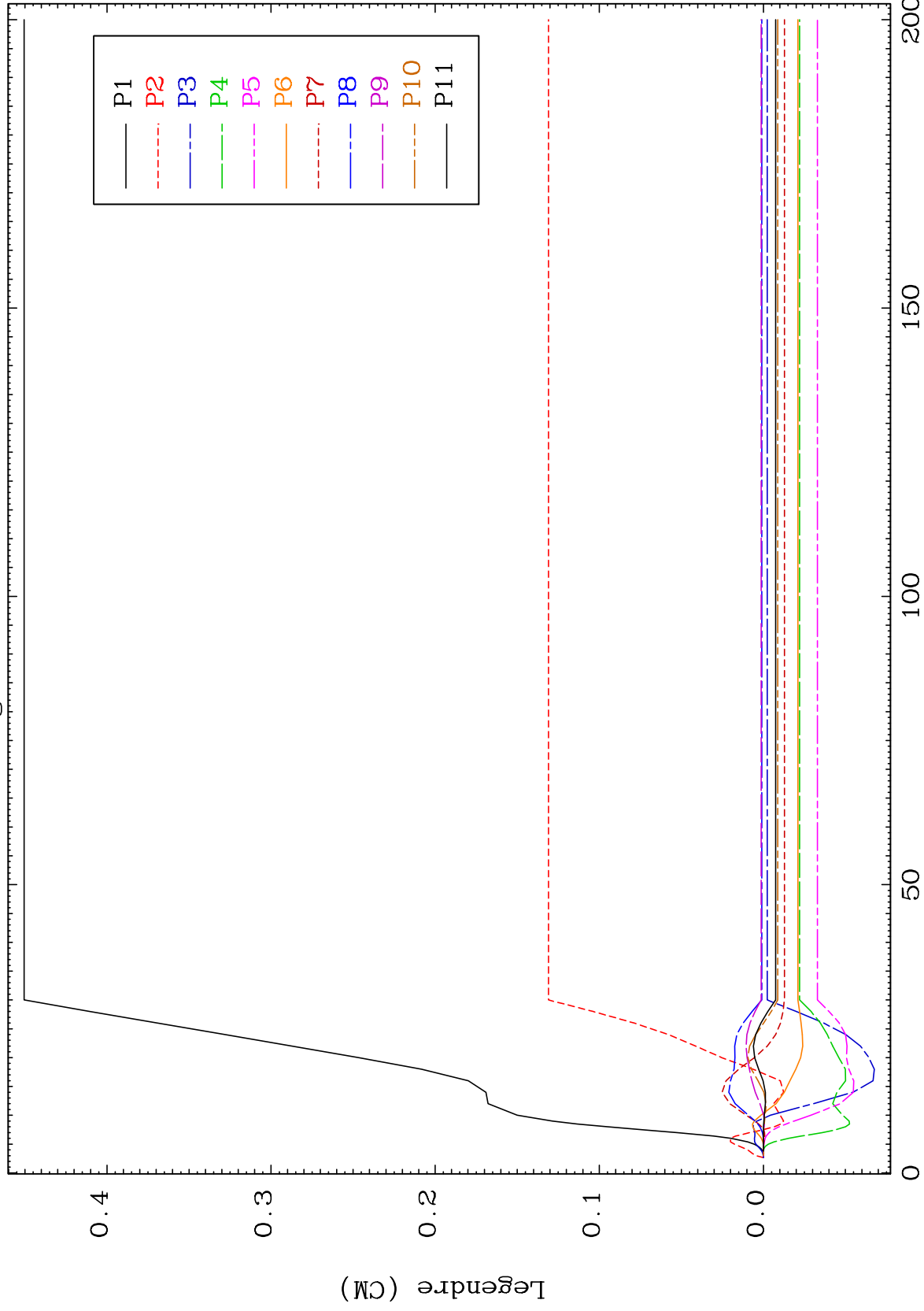




MAT 2952

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

29-Cu-72



66

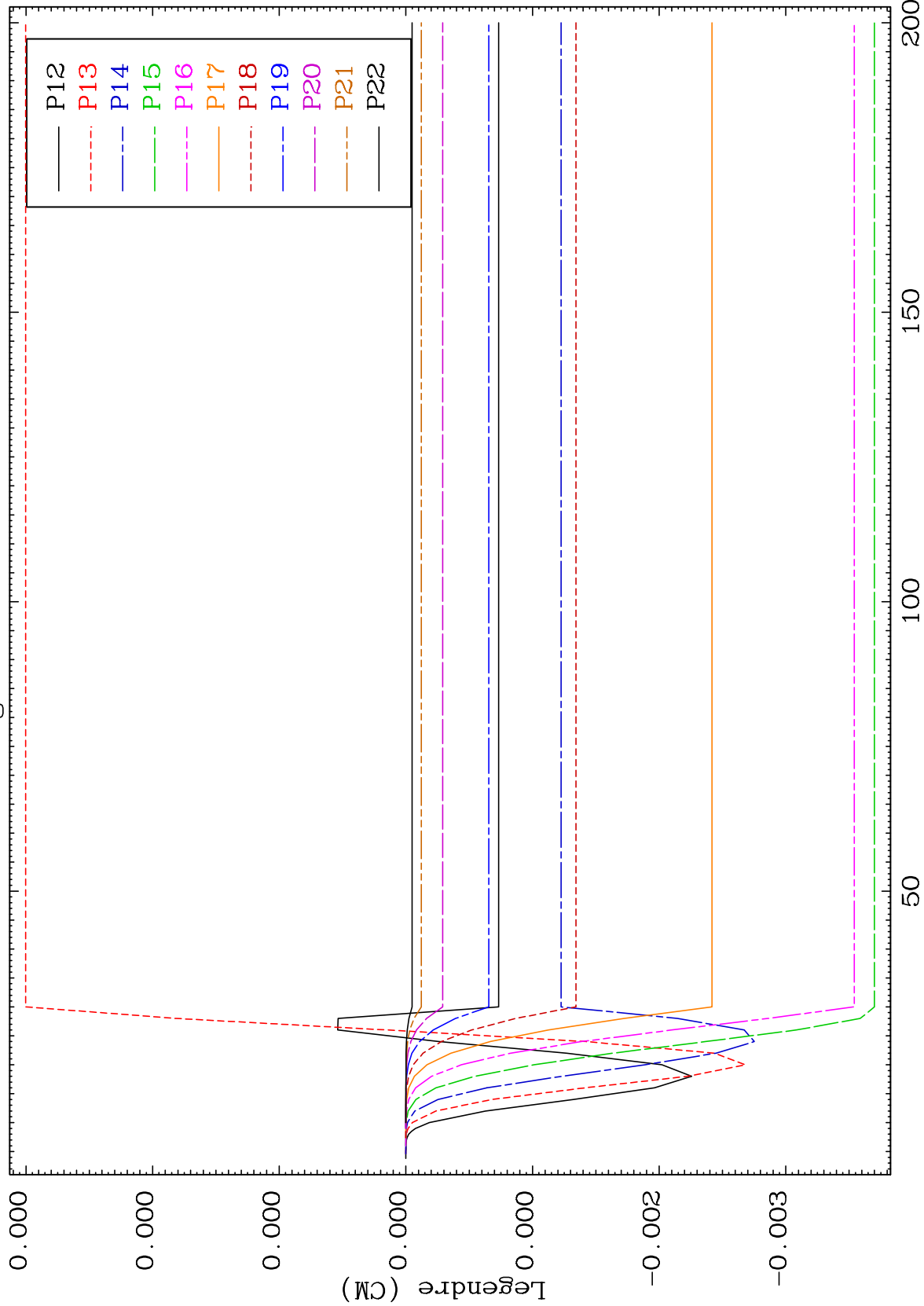
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

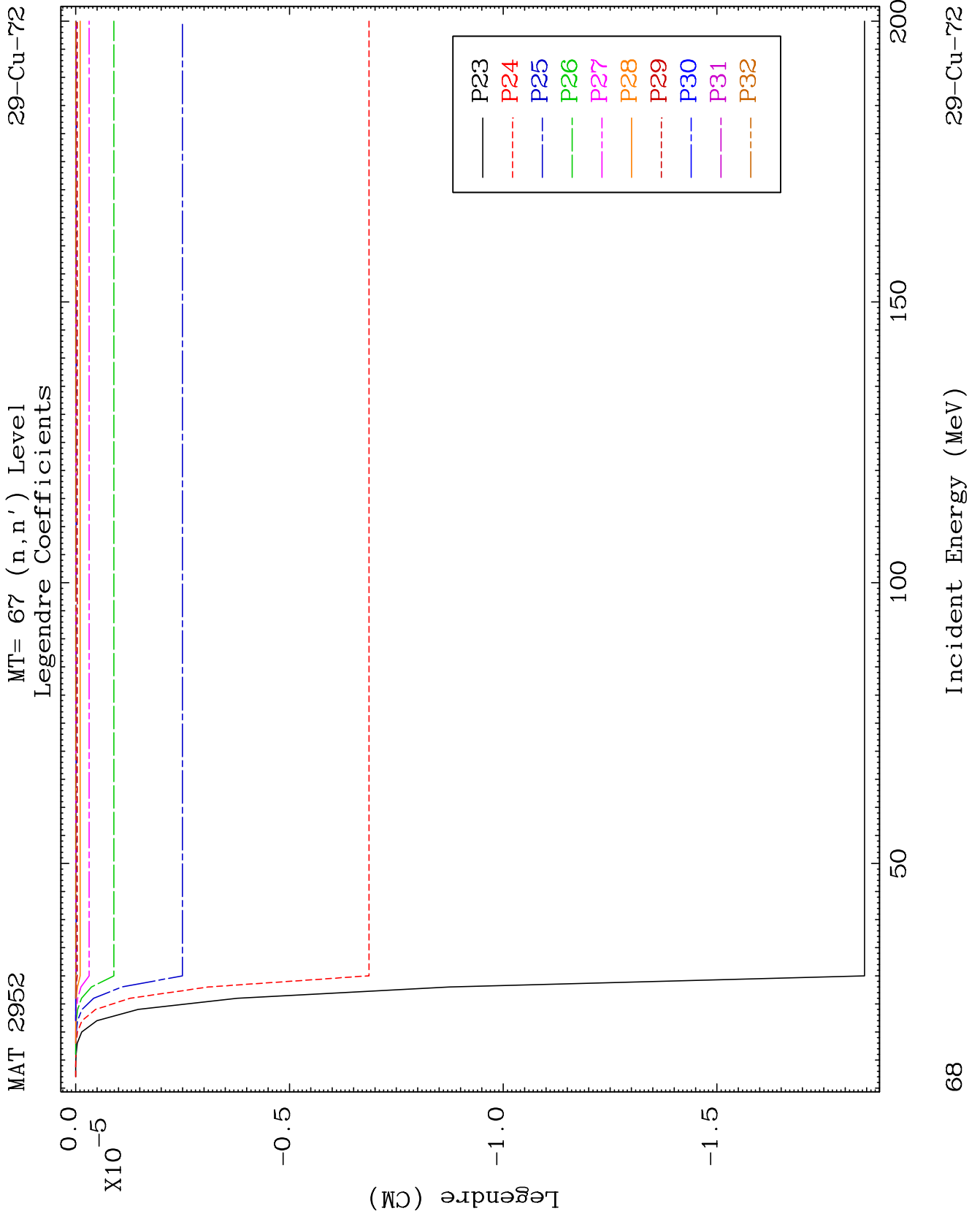
29-Cu-72



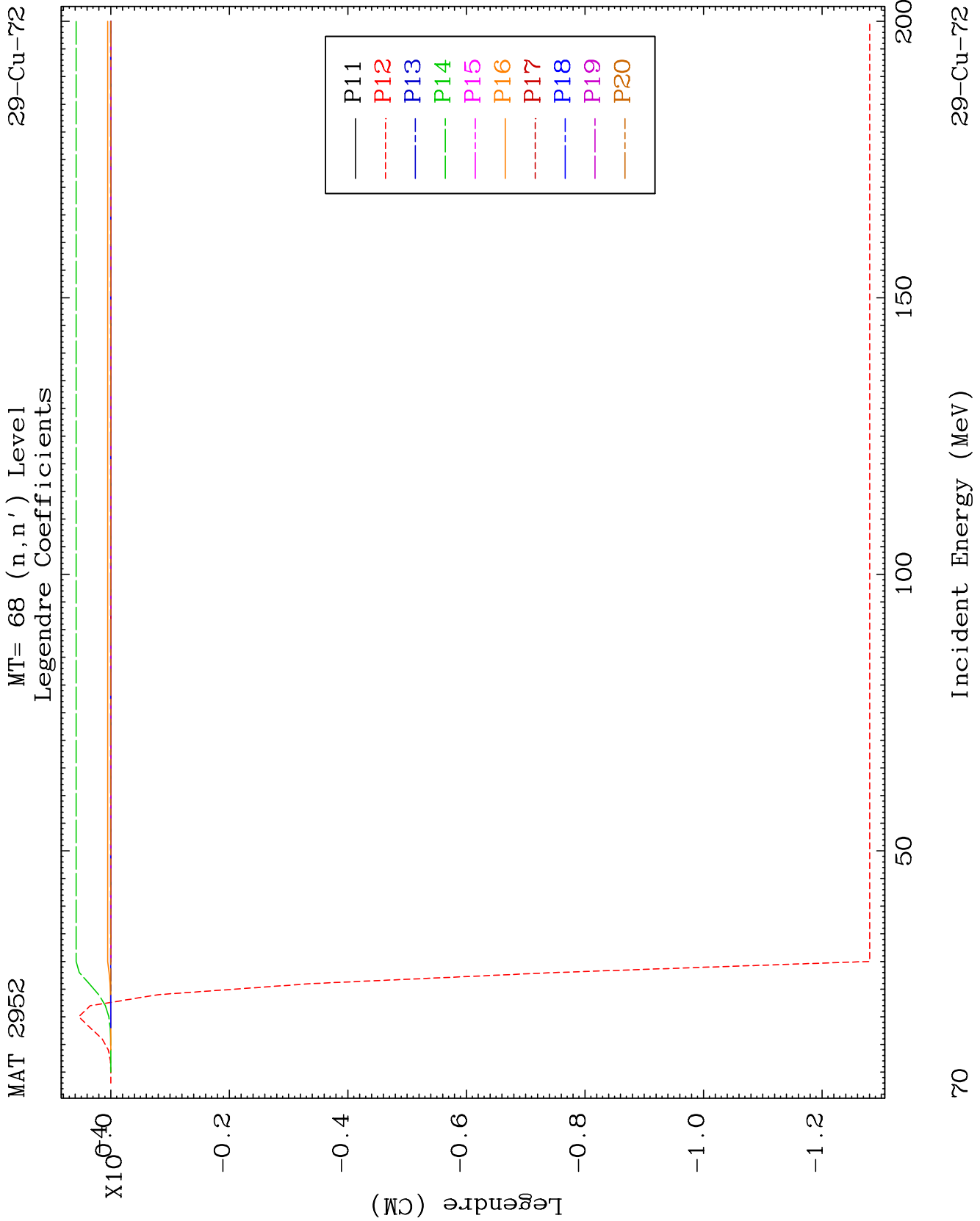
67

Incident Energy (MeV)

29-Cu-72



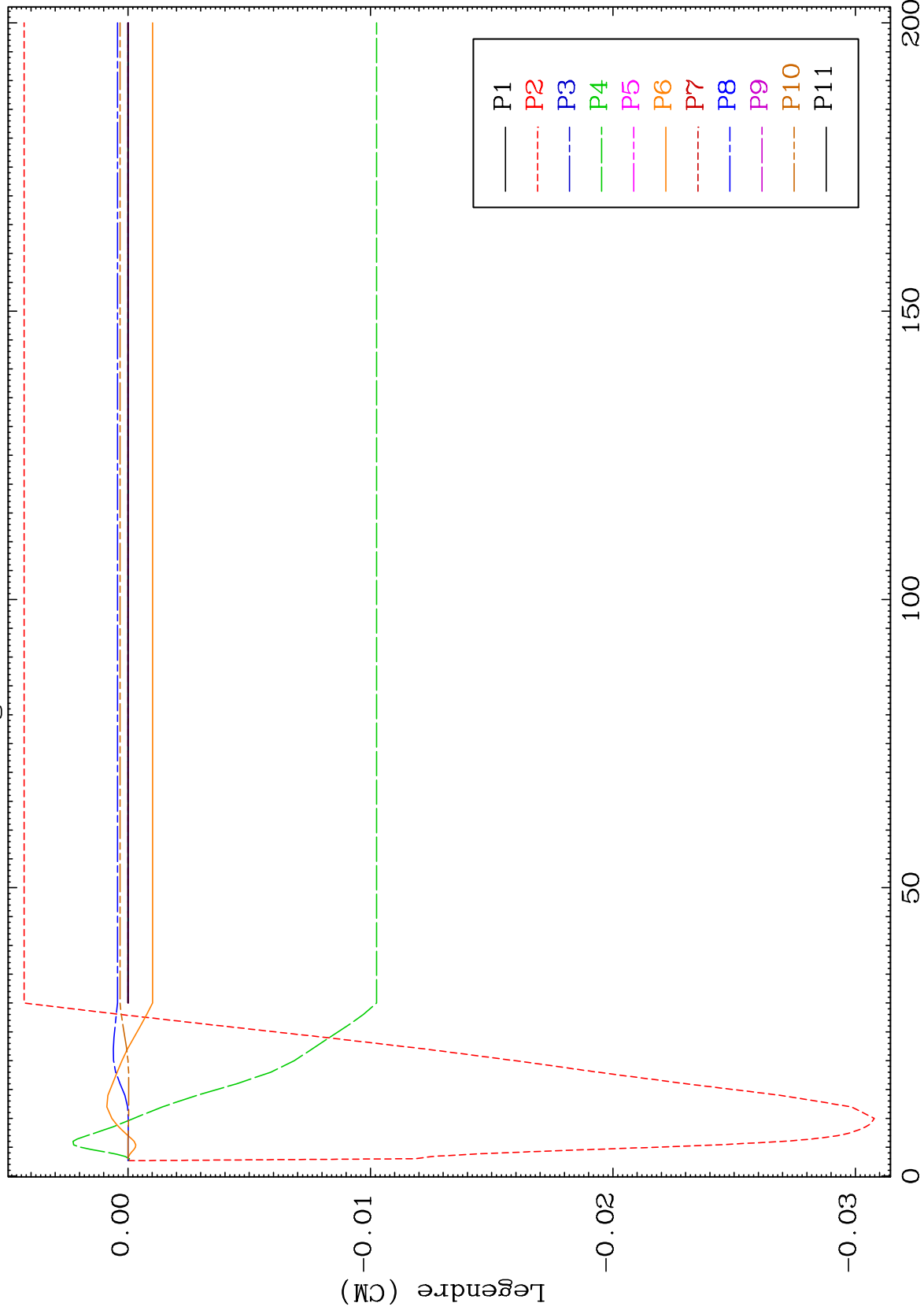




MAT 2952

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

29-Cu-72



71

Incident Energy (MeV)

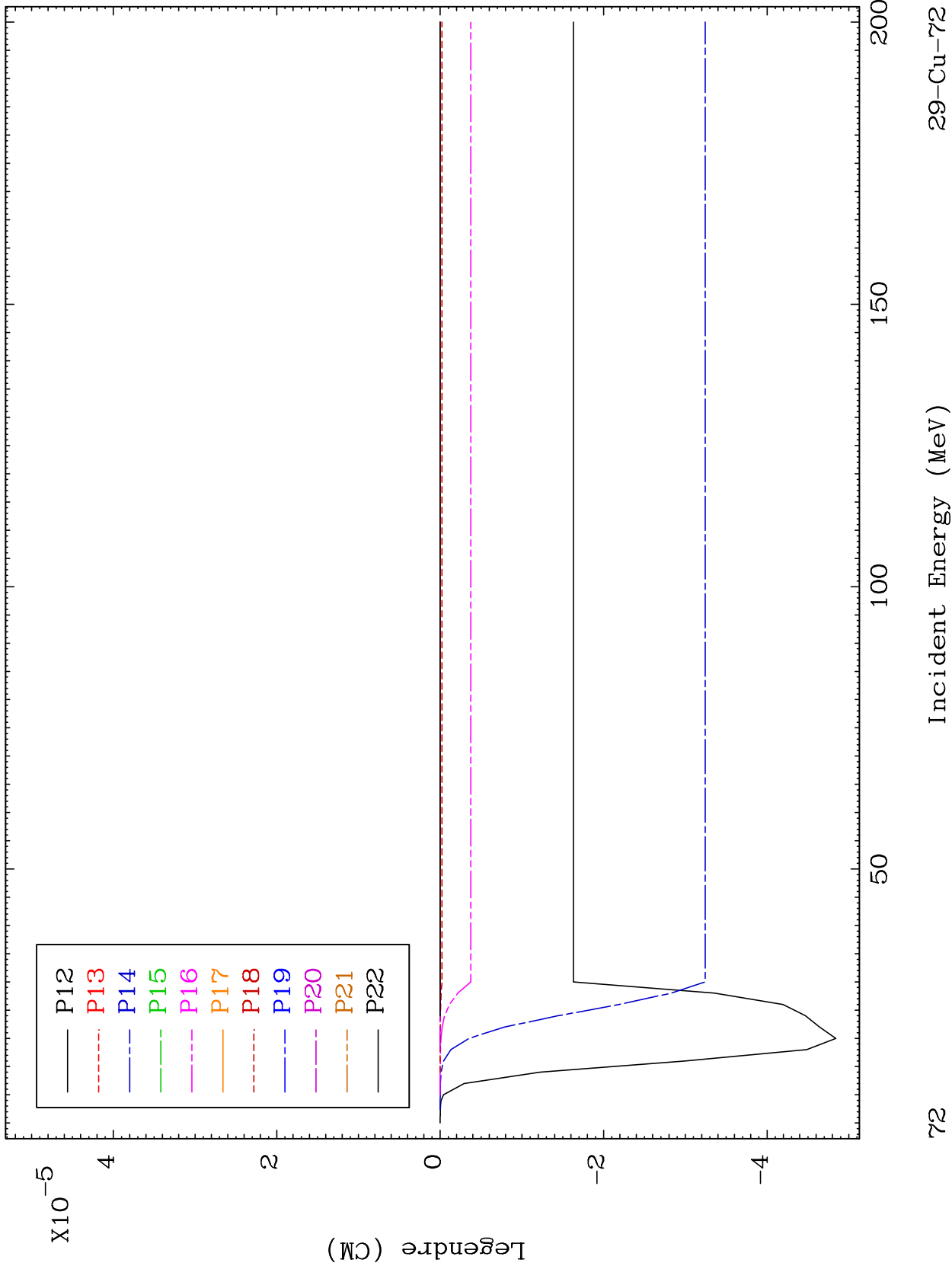
29-Cu-72



MAT 2952

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

29-Cu-72

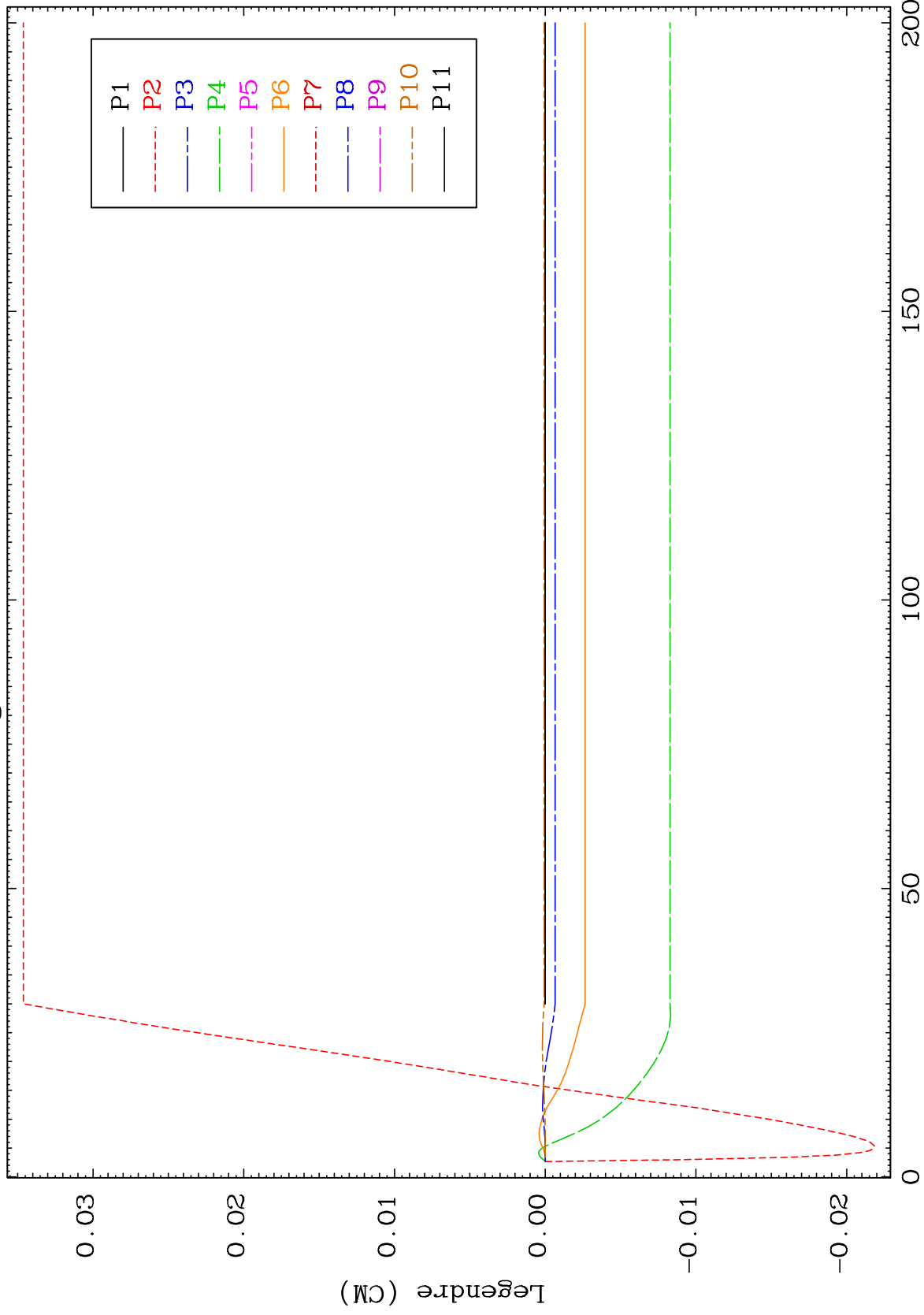


72

MAT 2952

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

29-Cu-72



73

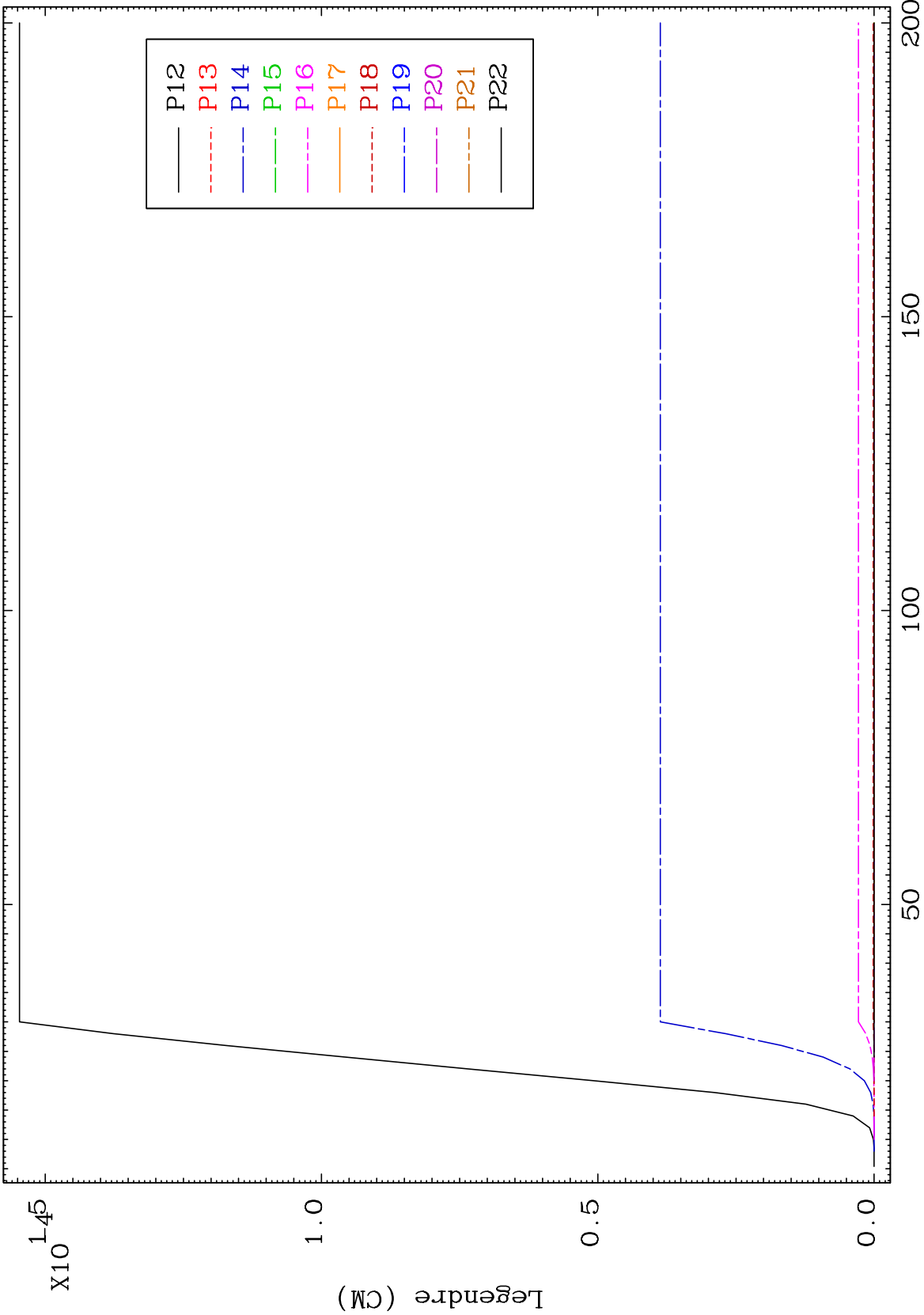
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

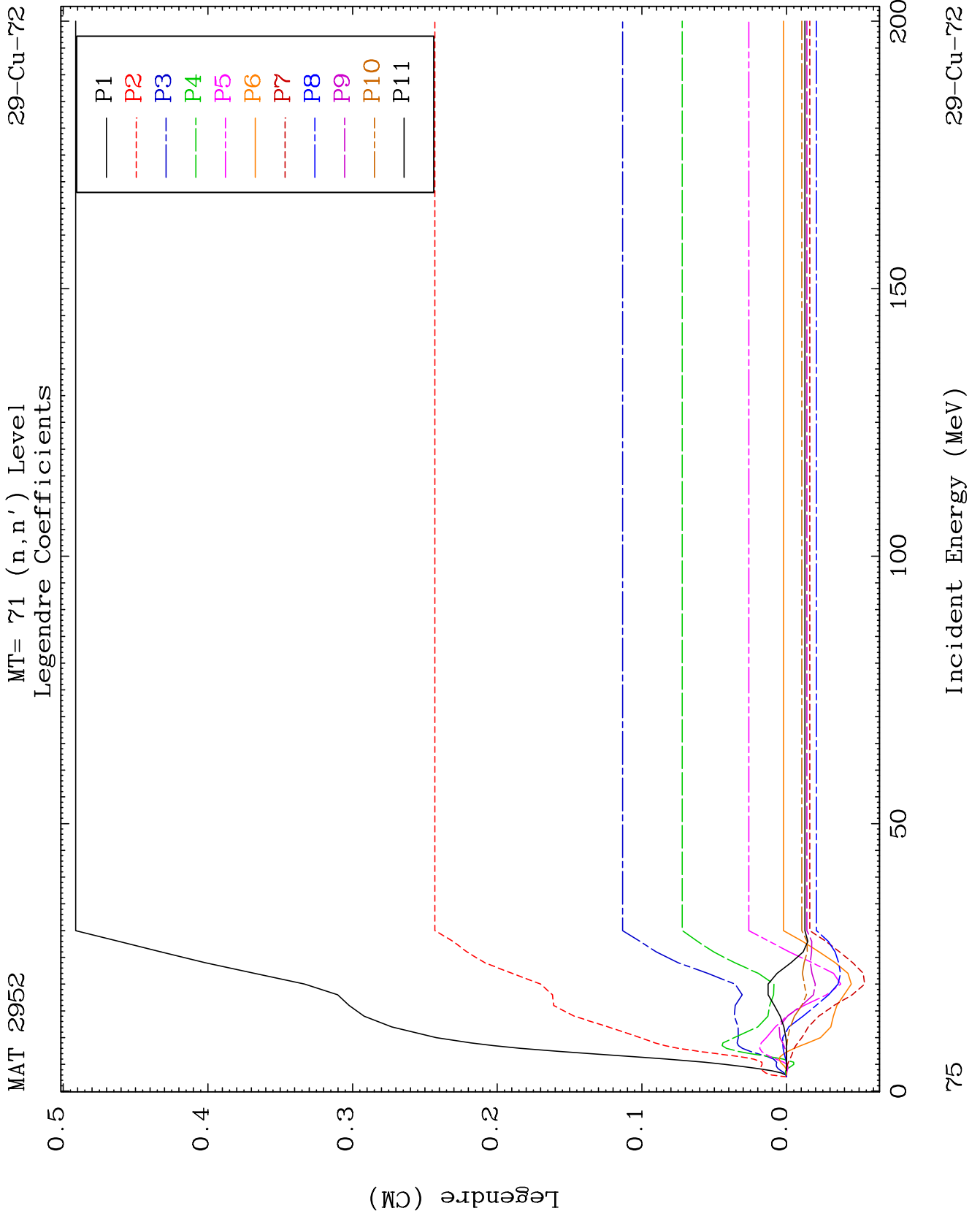
29-Cu-72



74

Incident Energy (MeV)

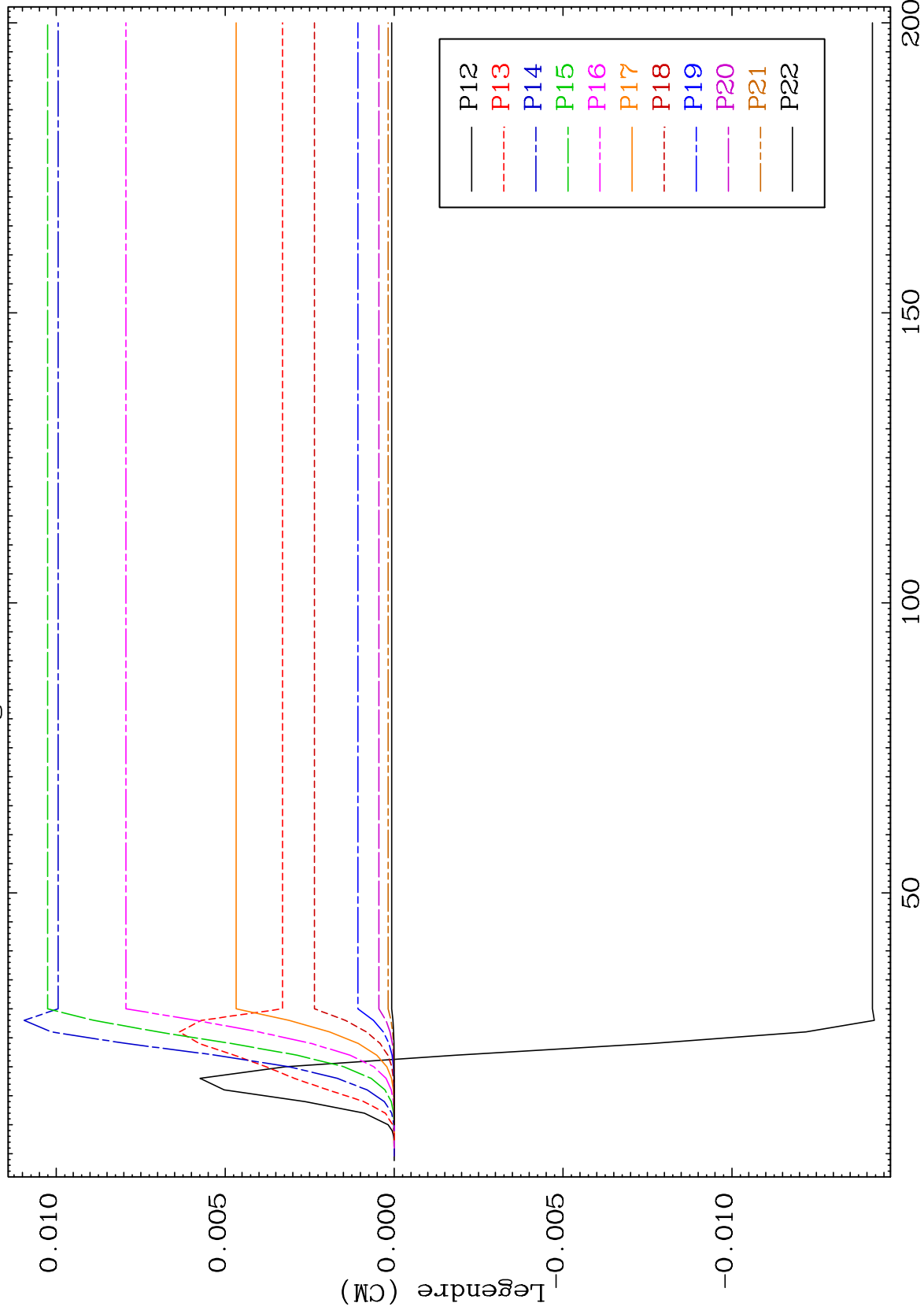
29-Cu-72



MAT 2952

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

29-Cu-72



76

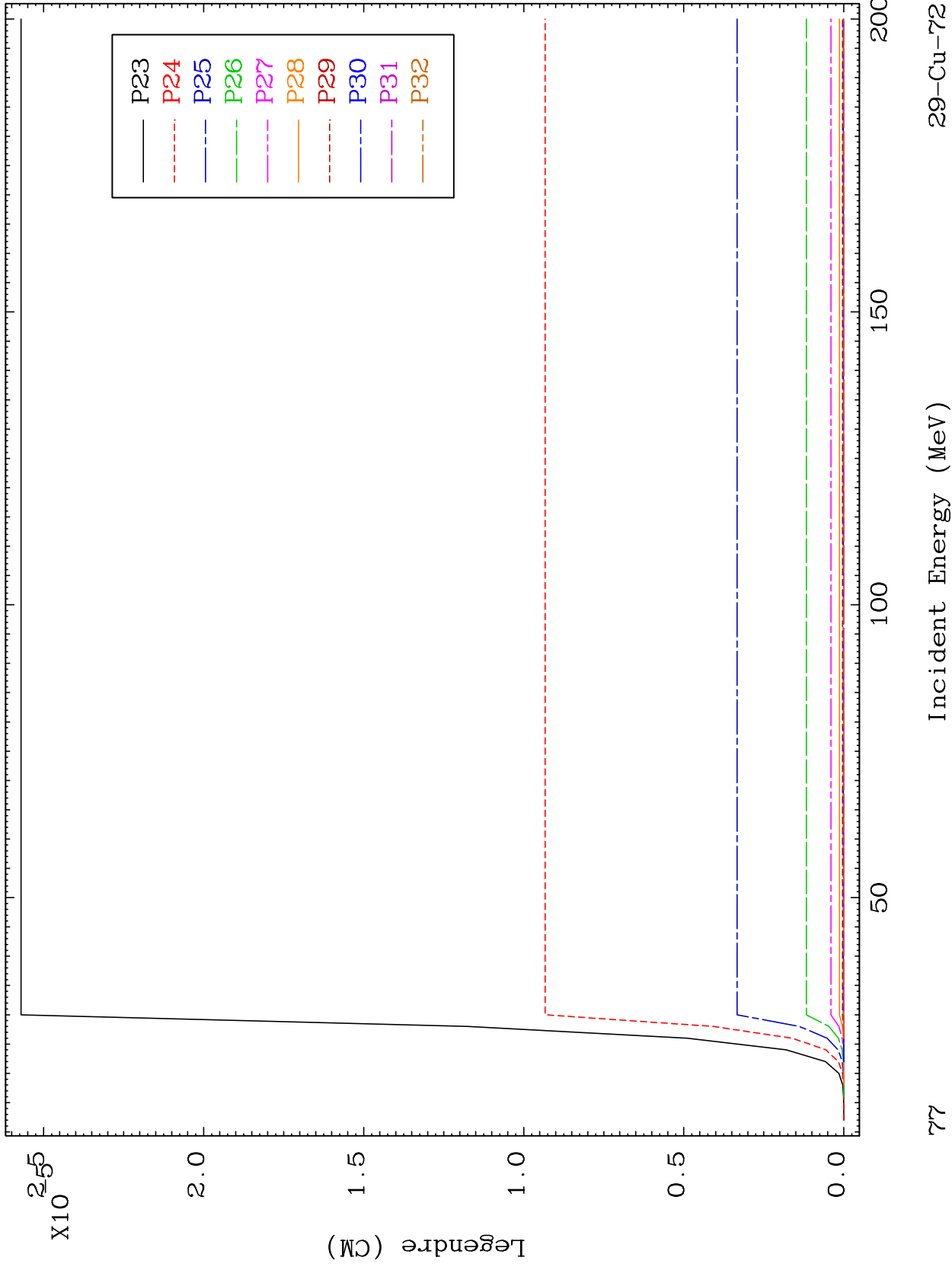
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



77

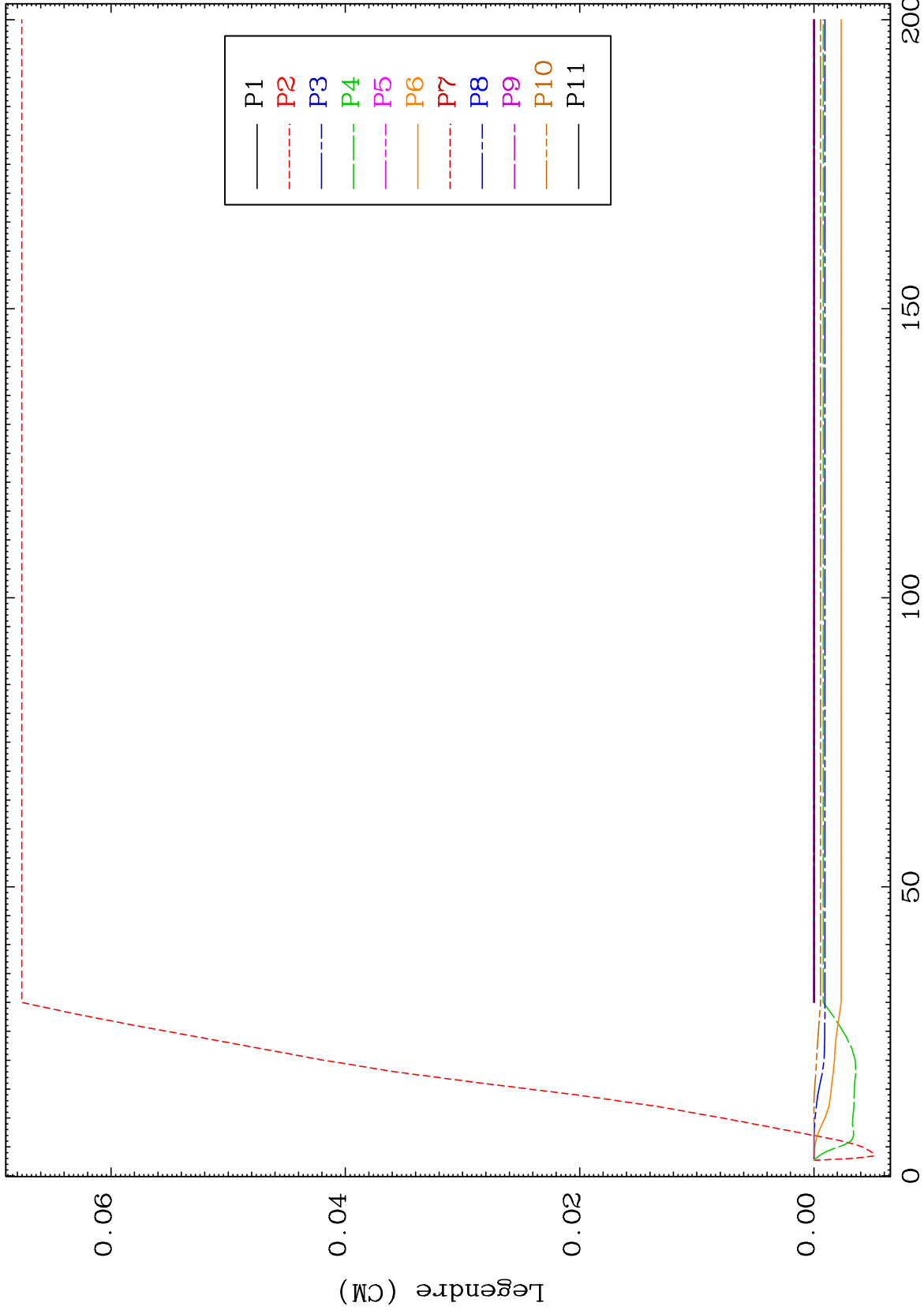
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



78

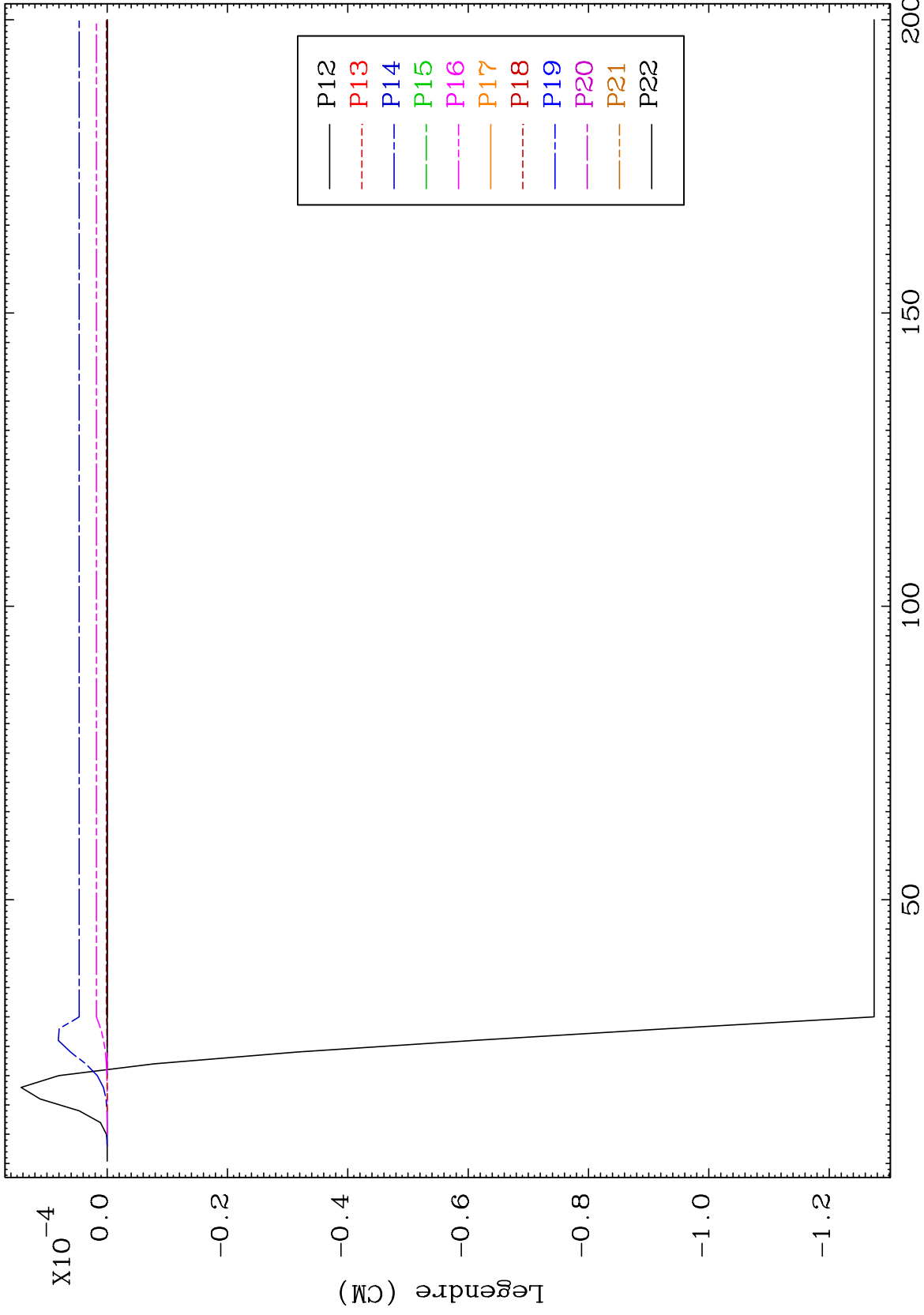
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



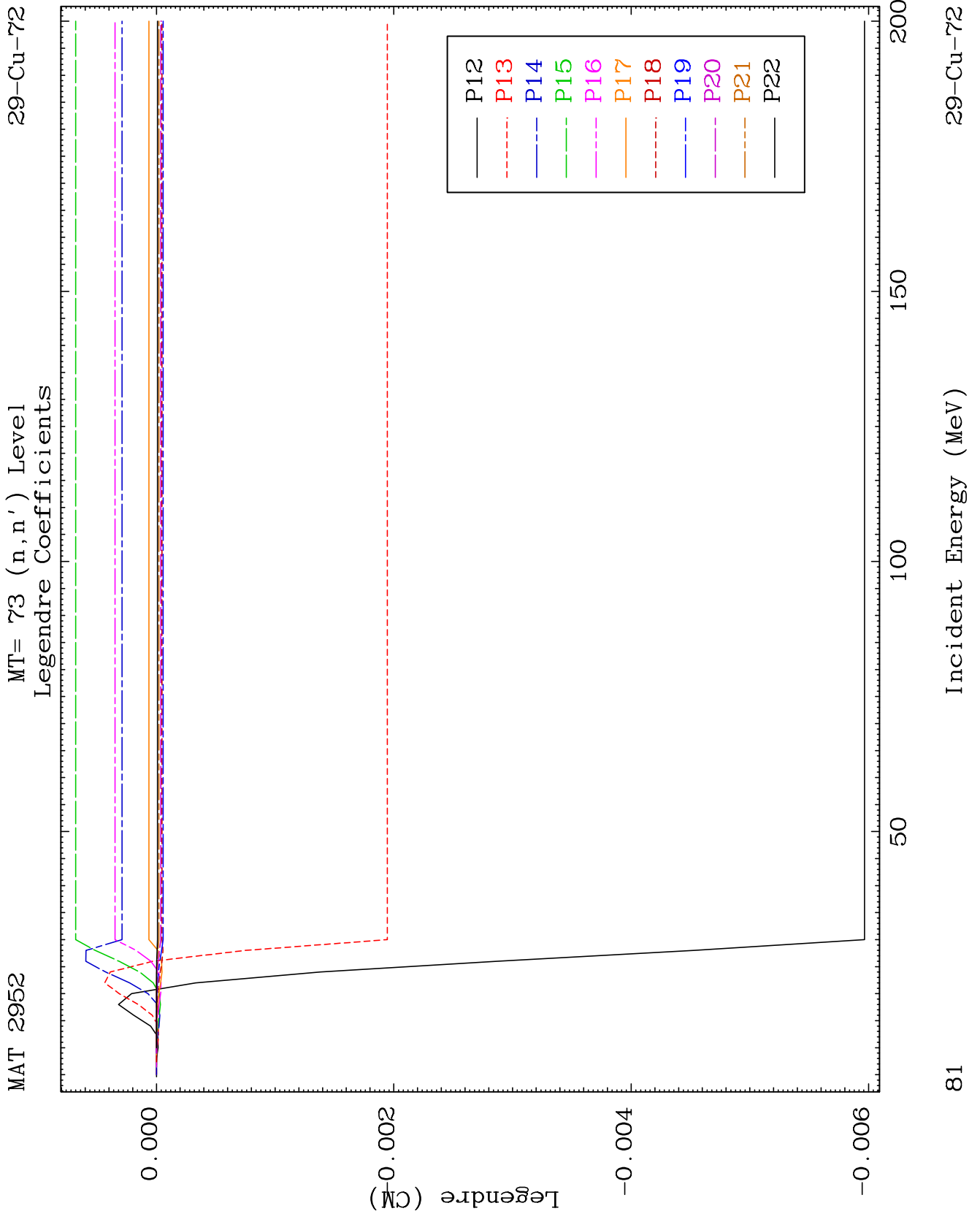
79

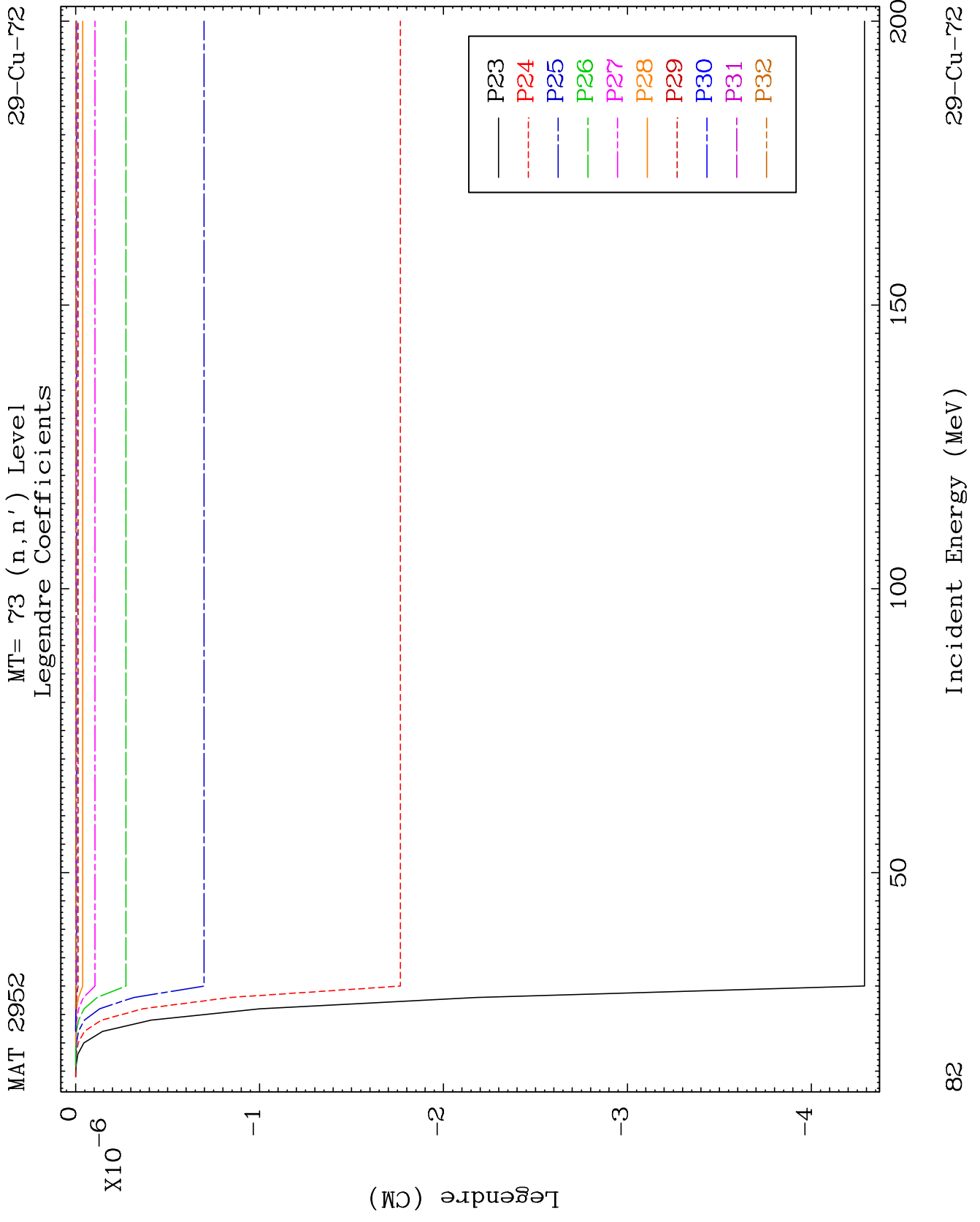
Incident Energy (MeV)

29-Cu-72





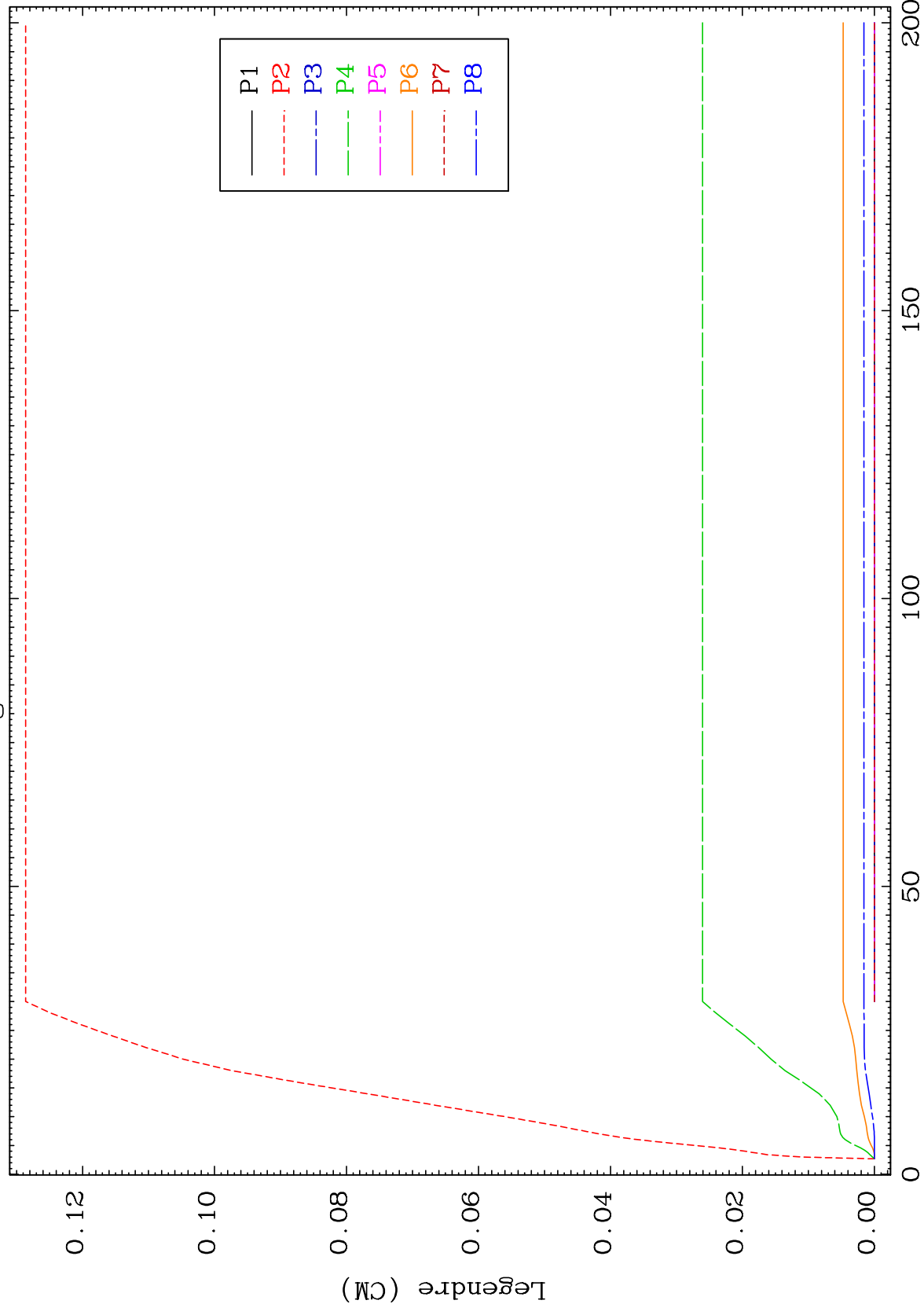




MAT 2952

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

29-Cu-72



83

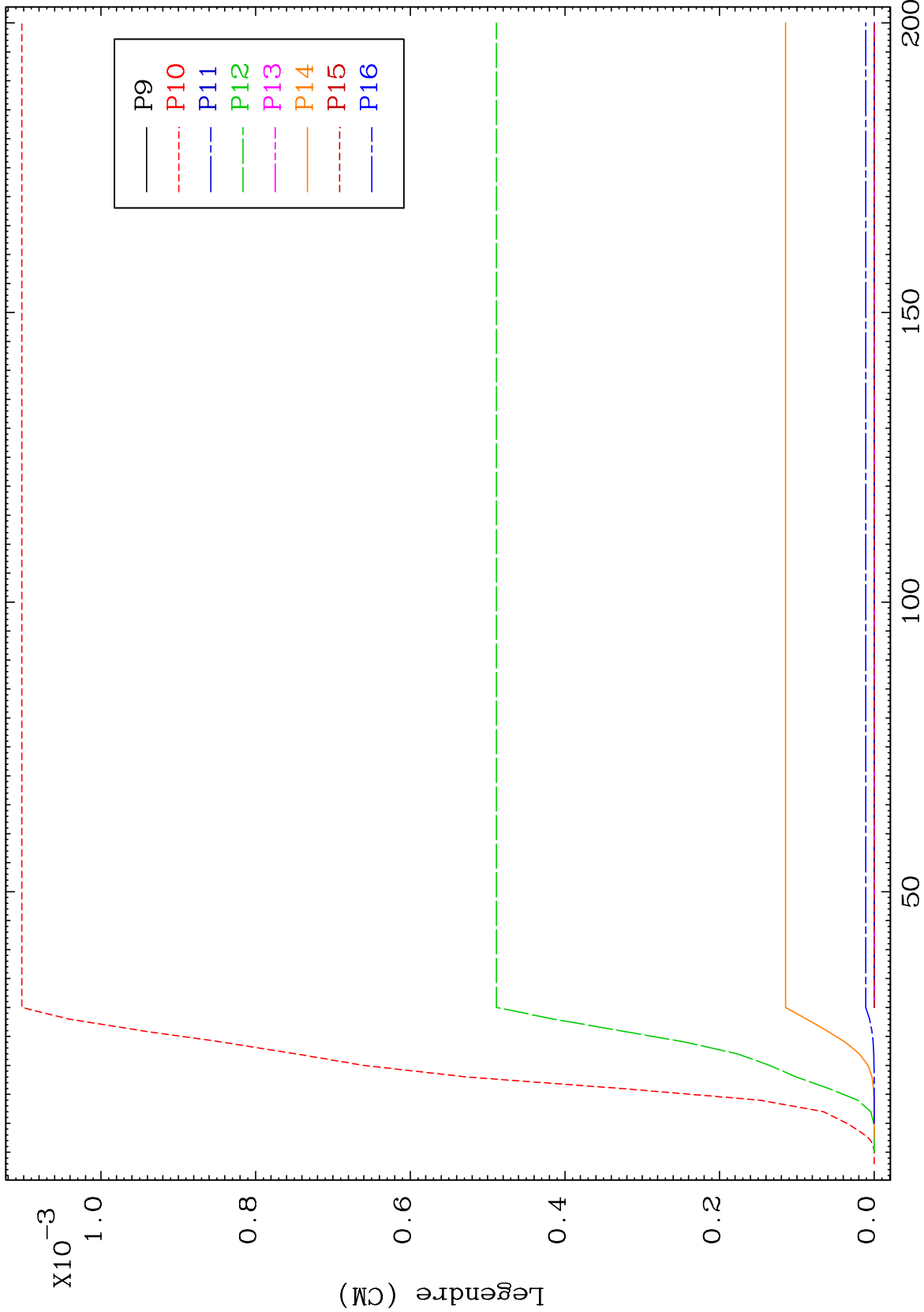
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

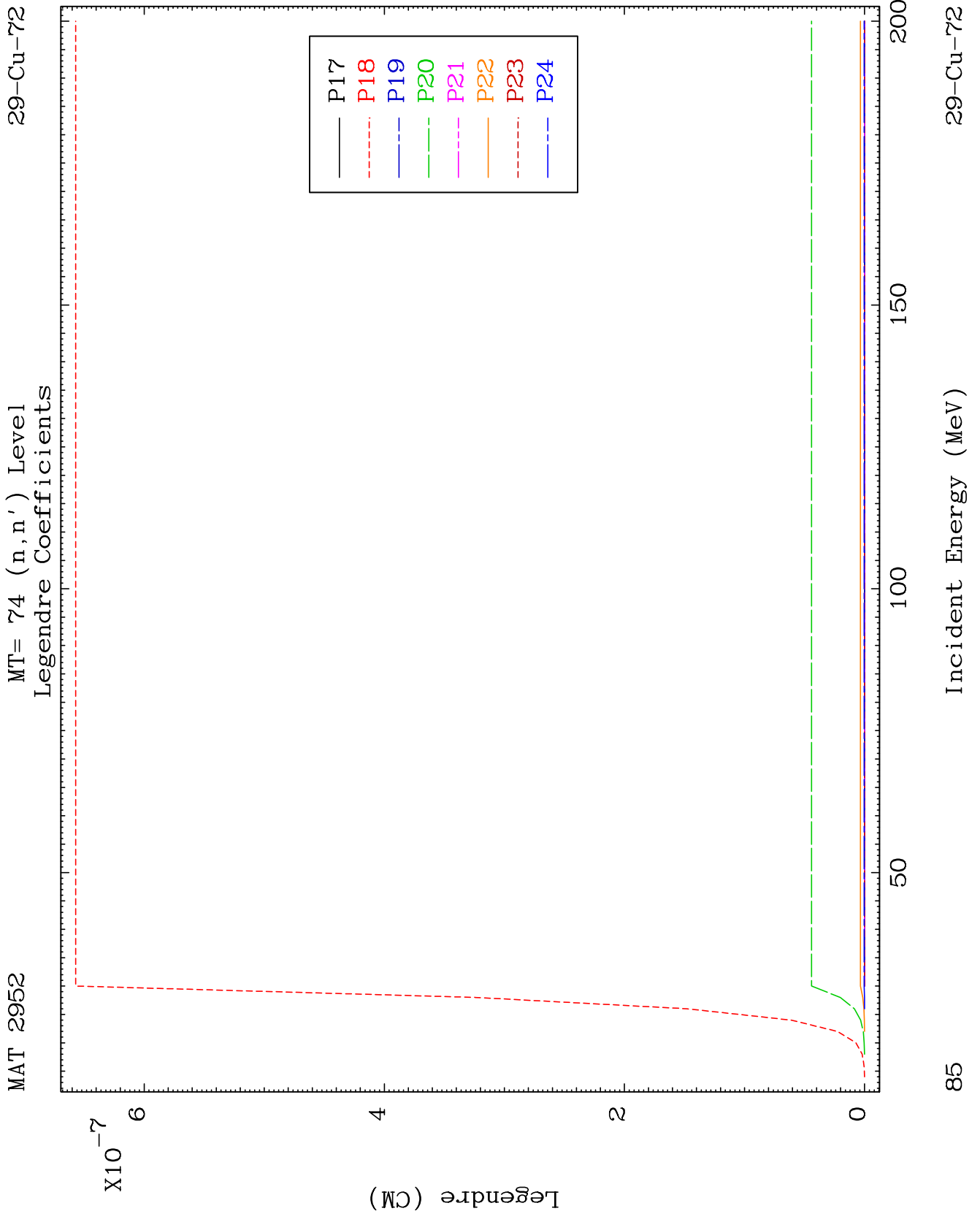
29-Cu-72



84

Incident Energy (MeV)

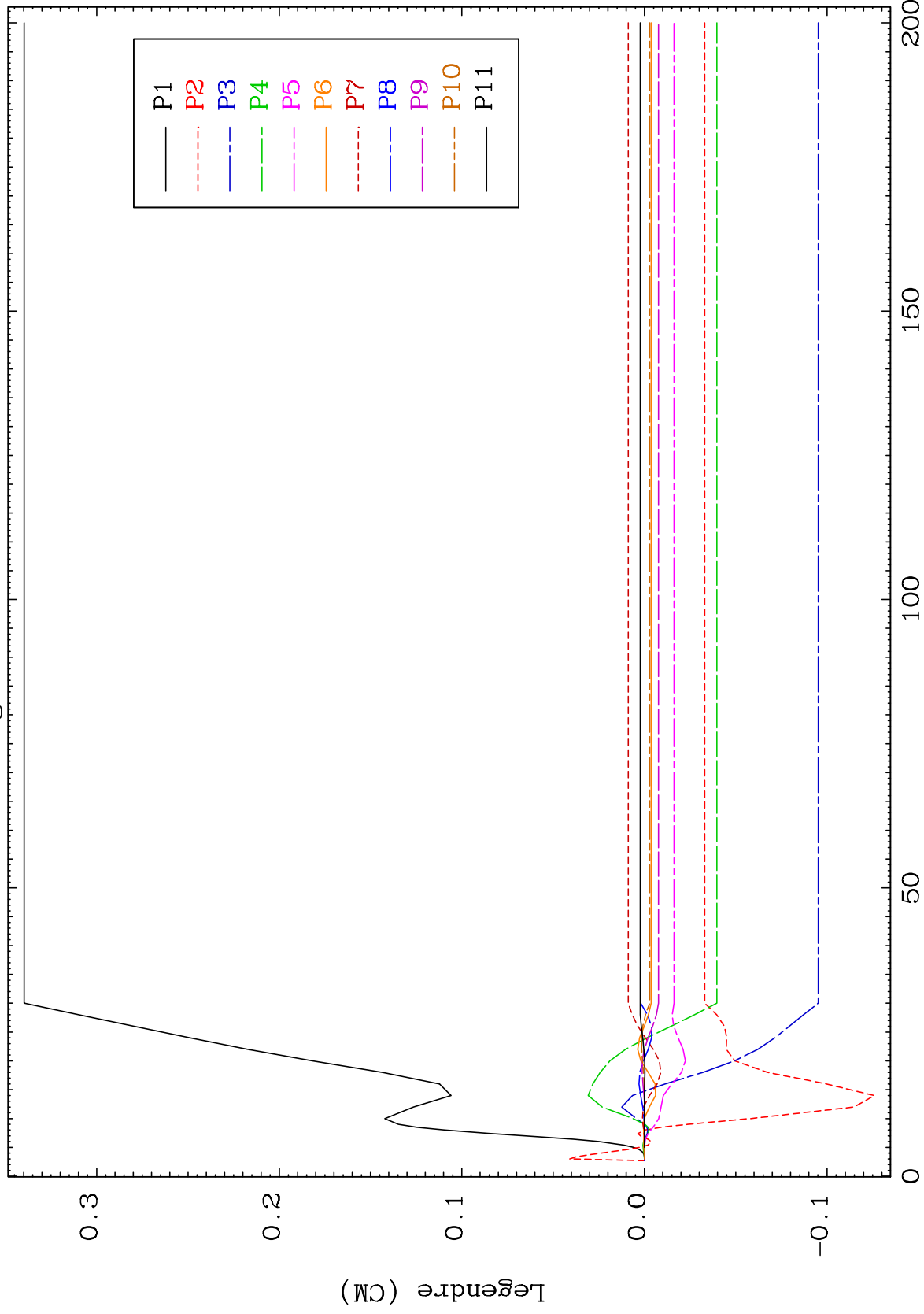
29-Cu-72



MAT 2952

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

29-Cu-72



86

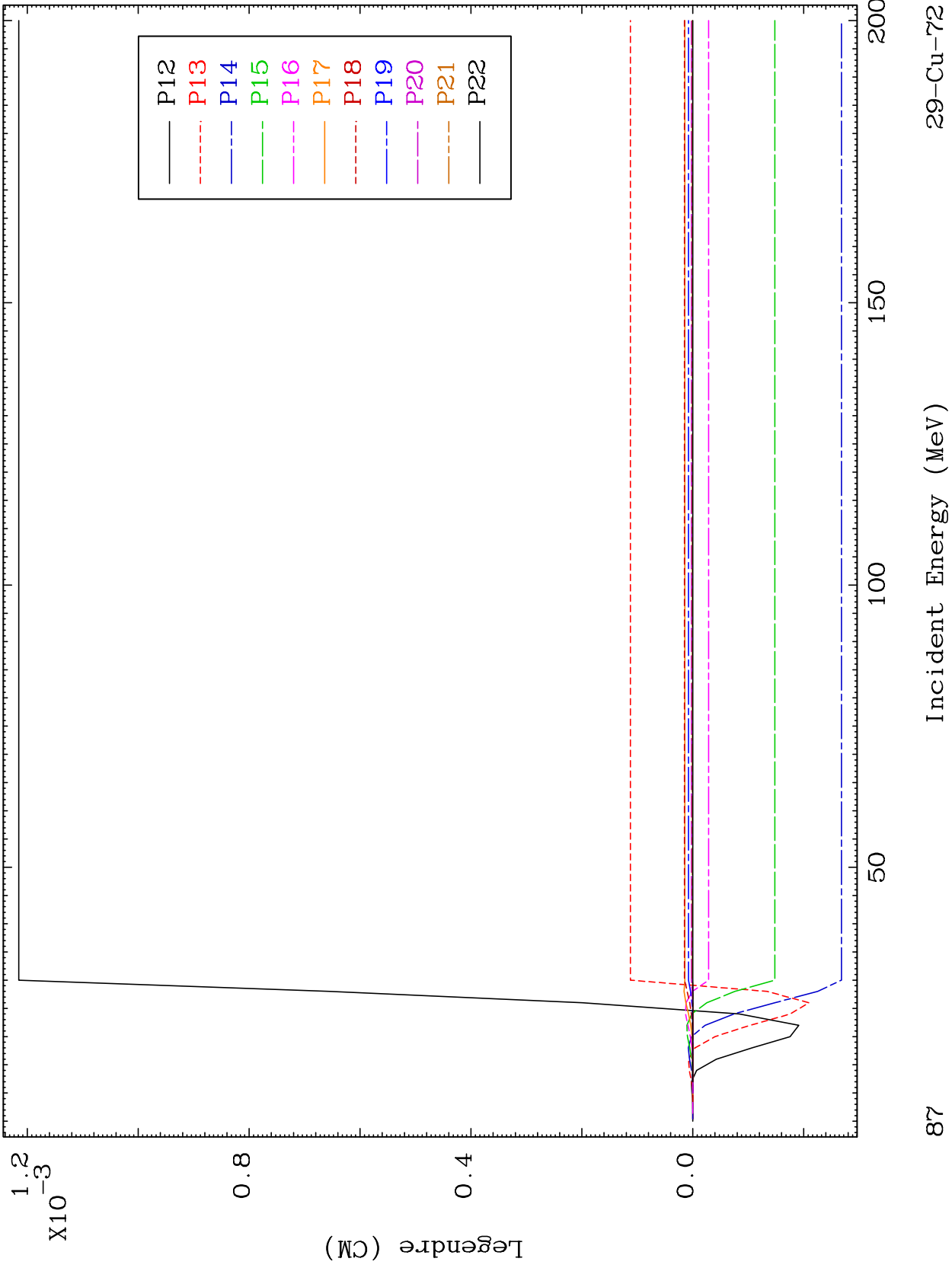
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



87

Incident Energy (MeV)

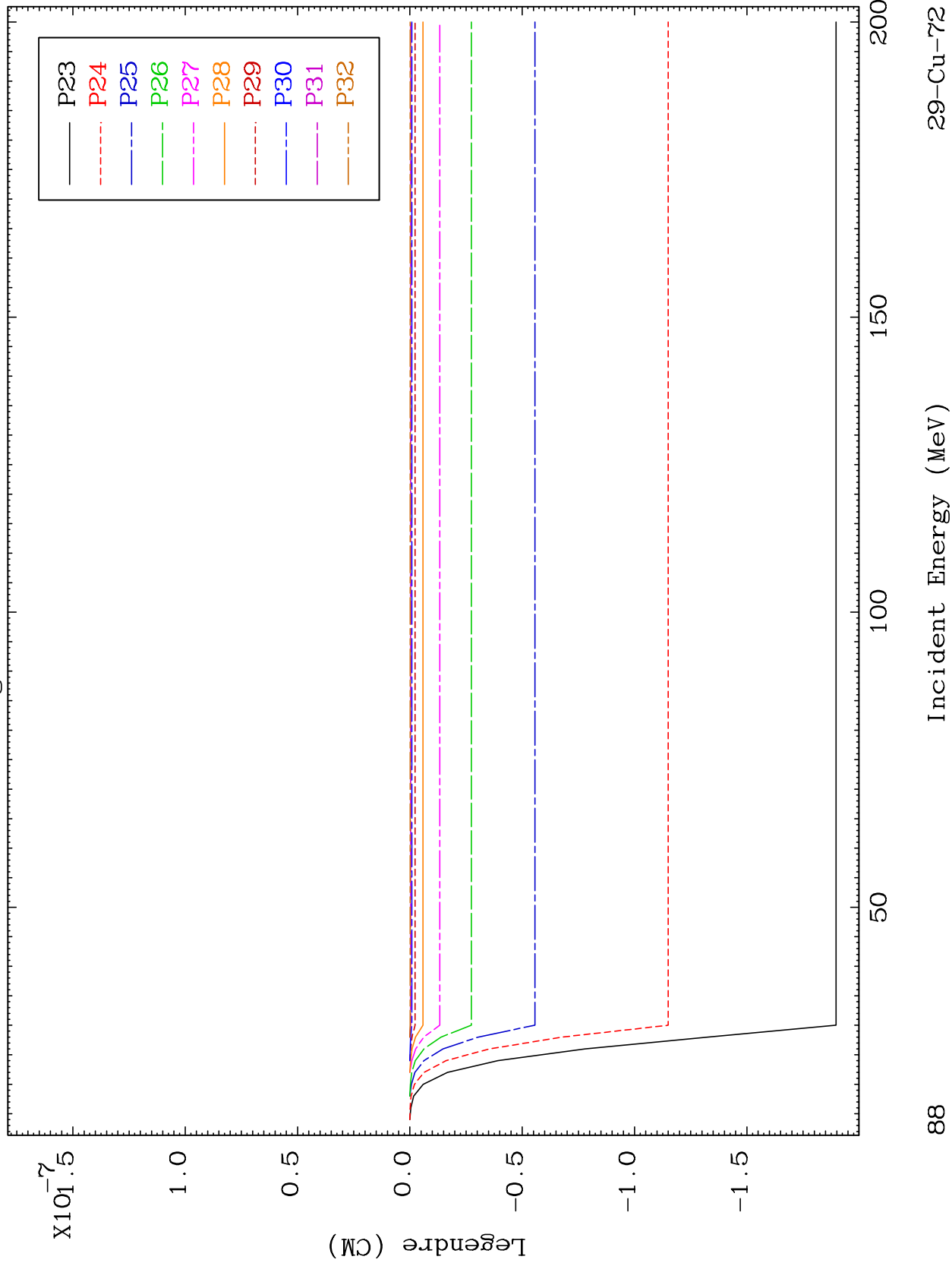
29-Cu-72



MAT 2952

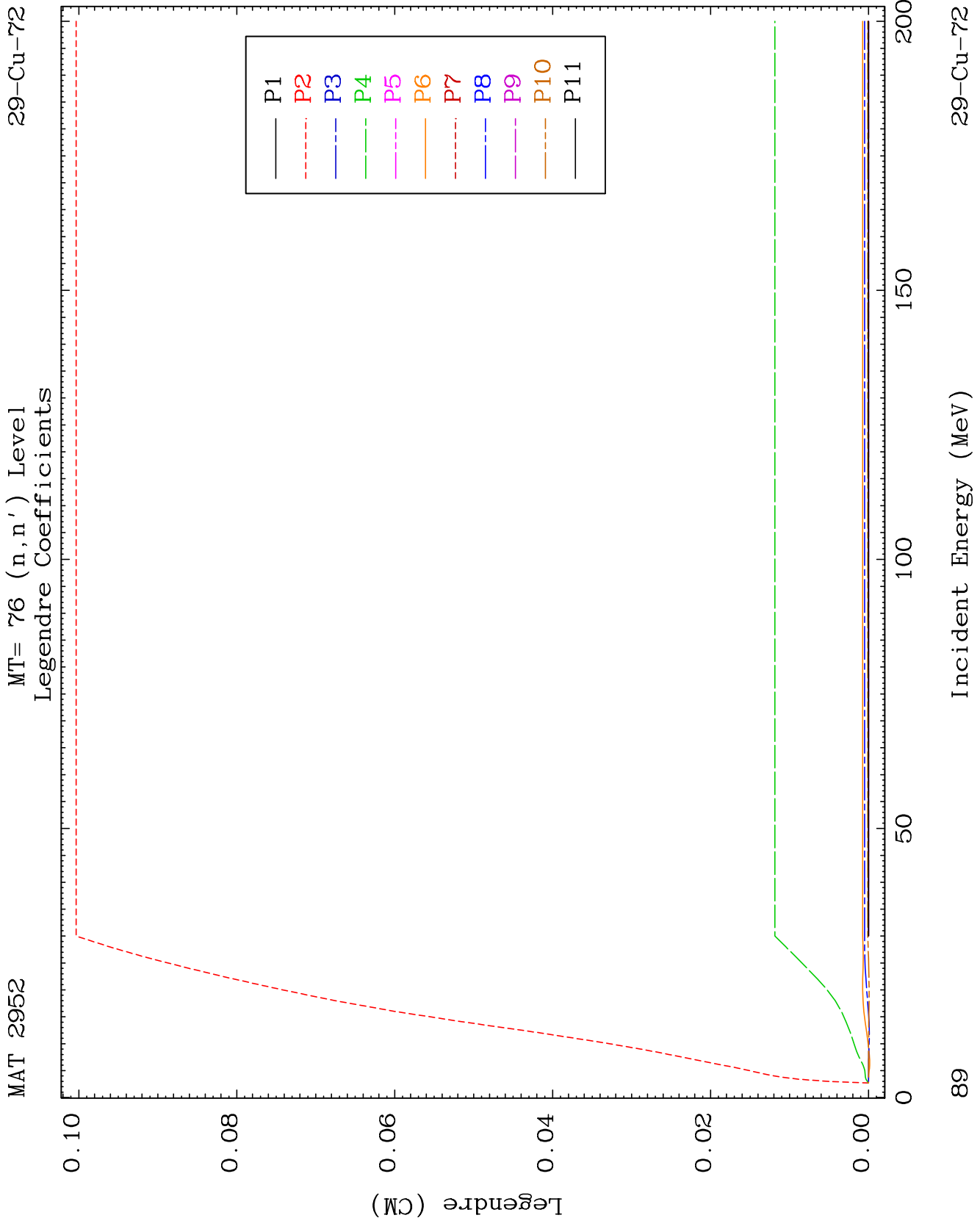
MT= 75 (n,n') Level  
Legendre Coefficients

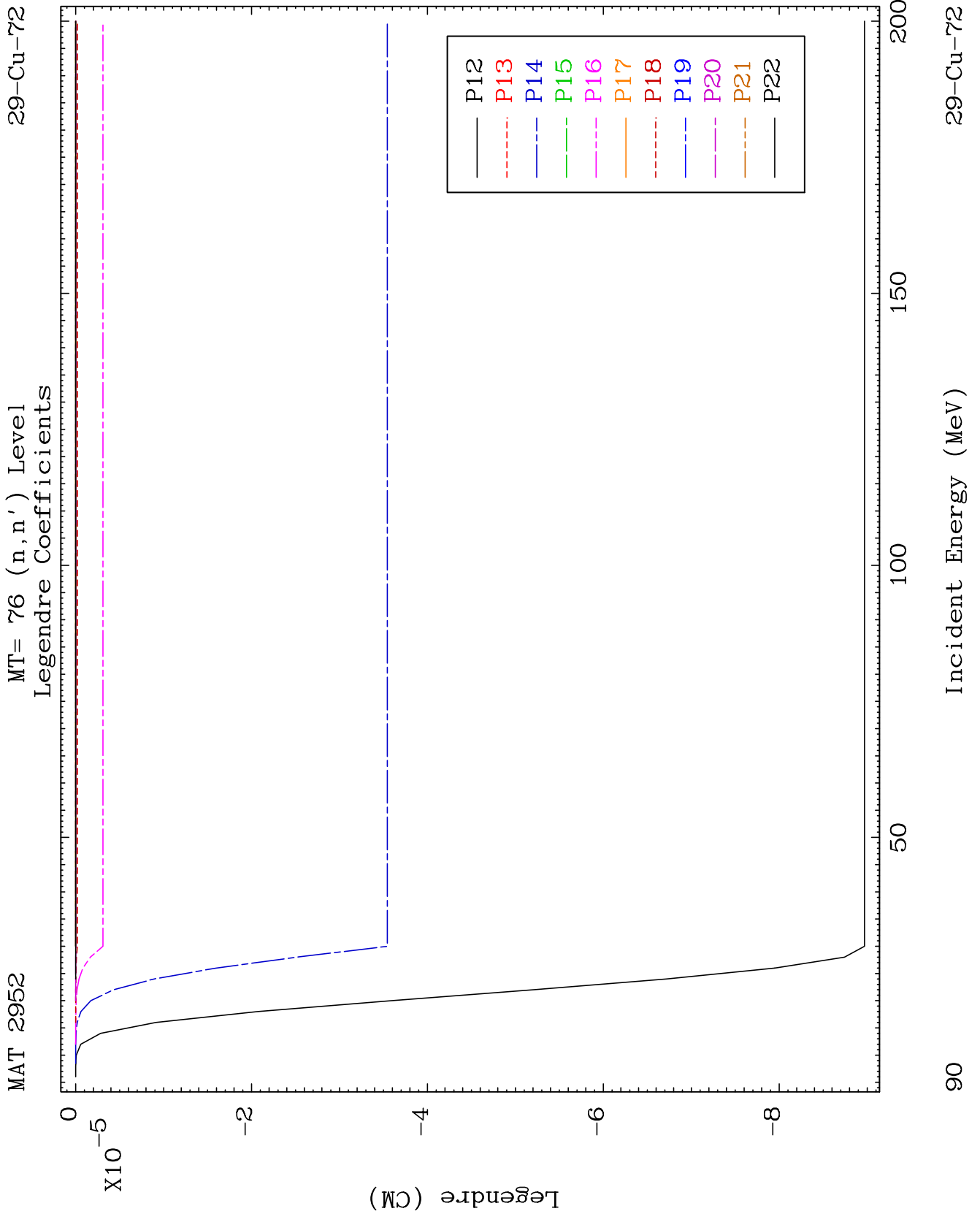
29-Cu-72

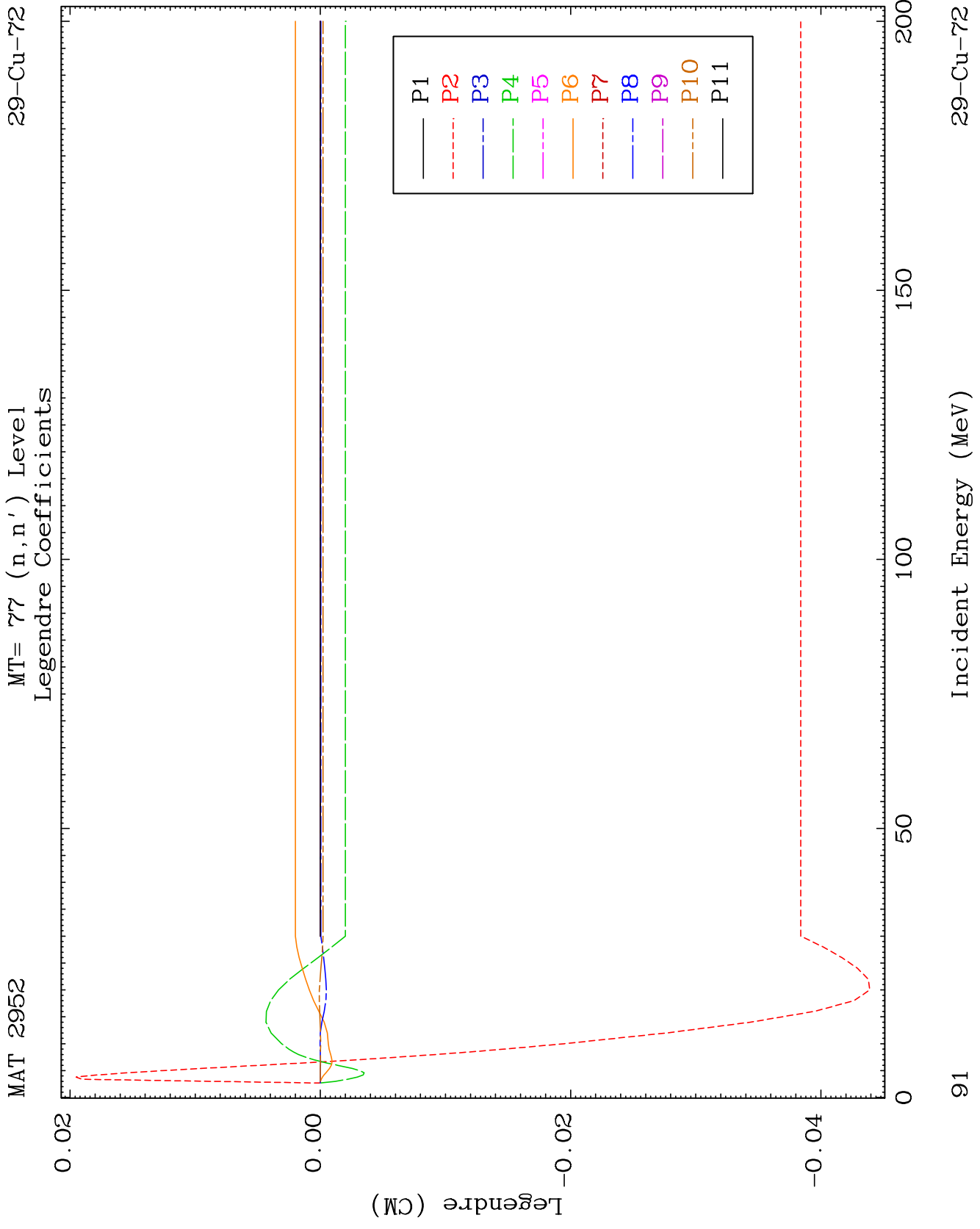


88

29-Cu-72



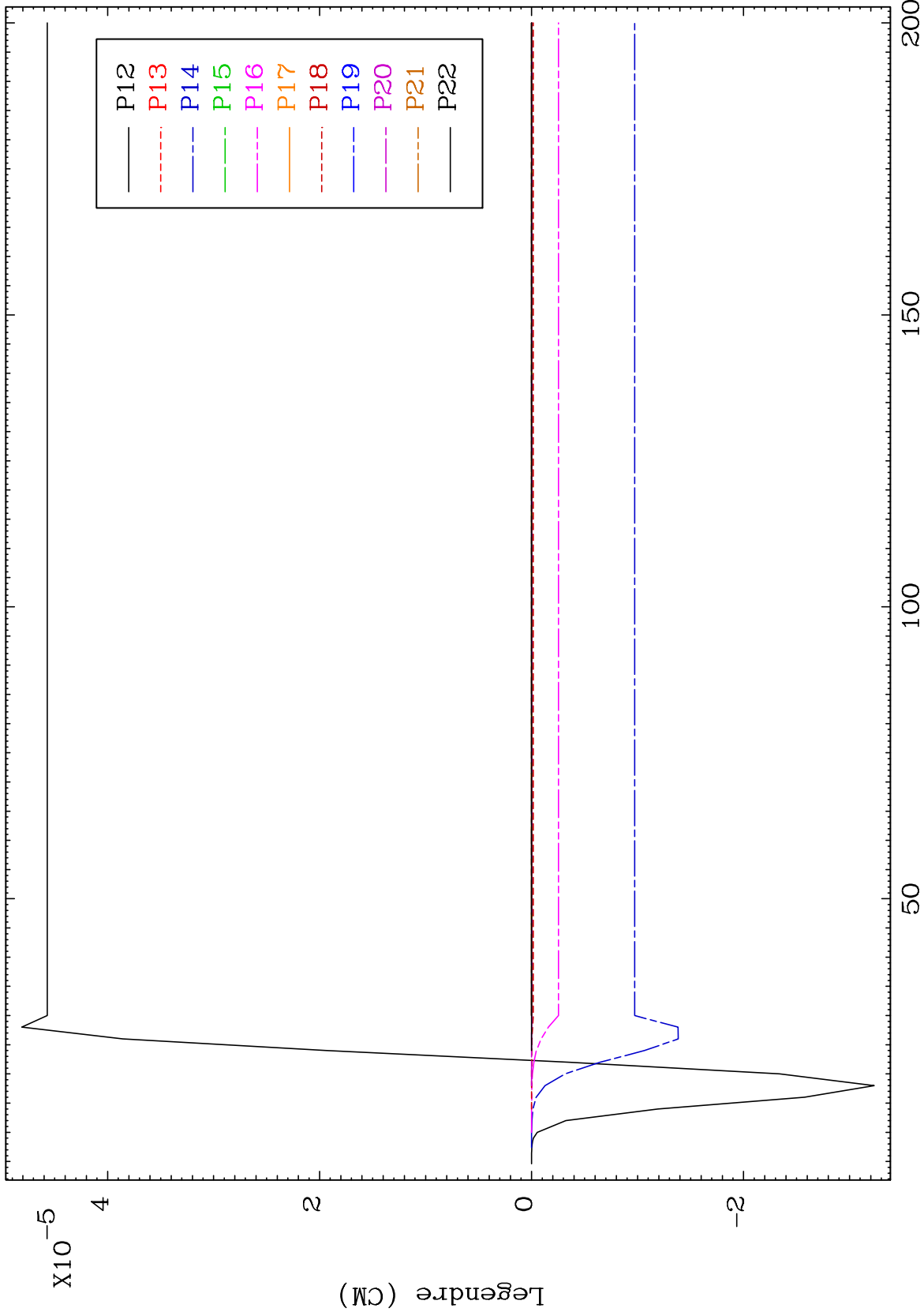




MAT 2952

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

29-Cu-72



92

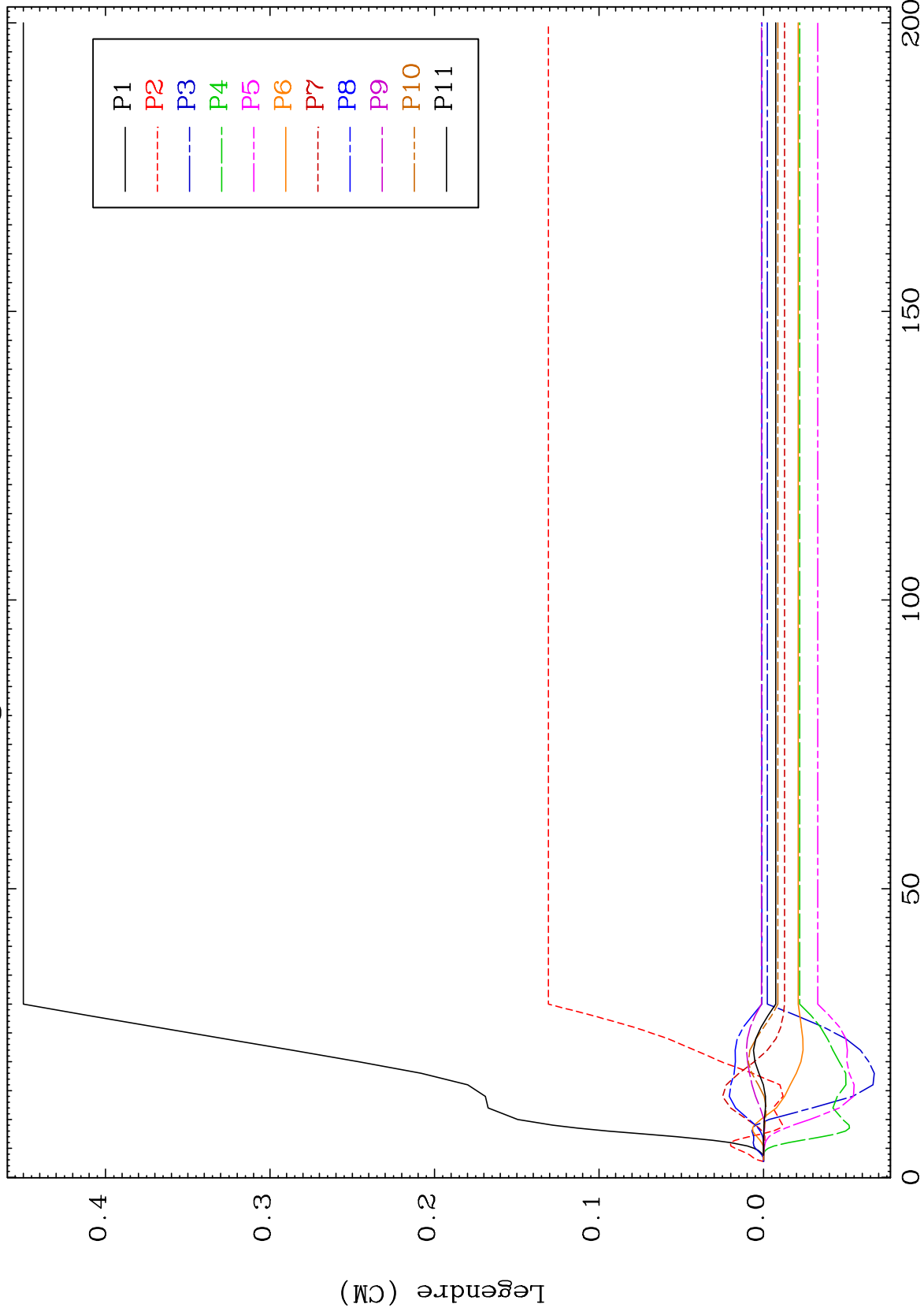
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



93

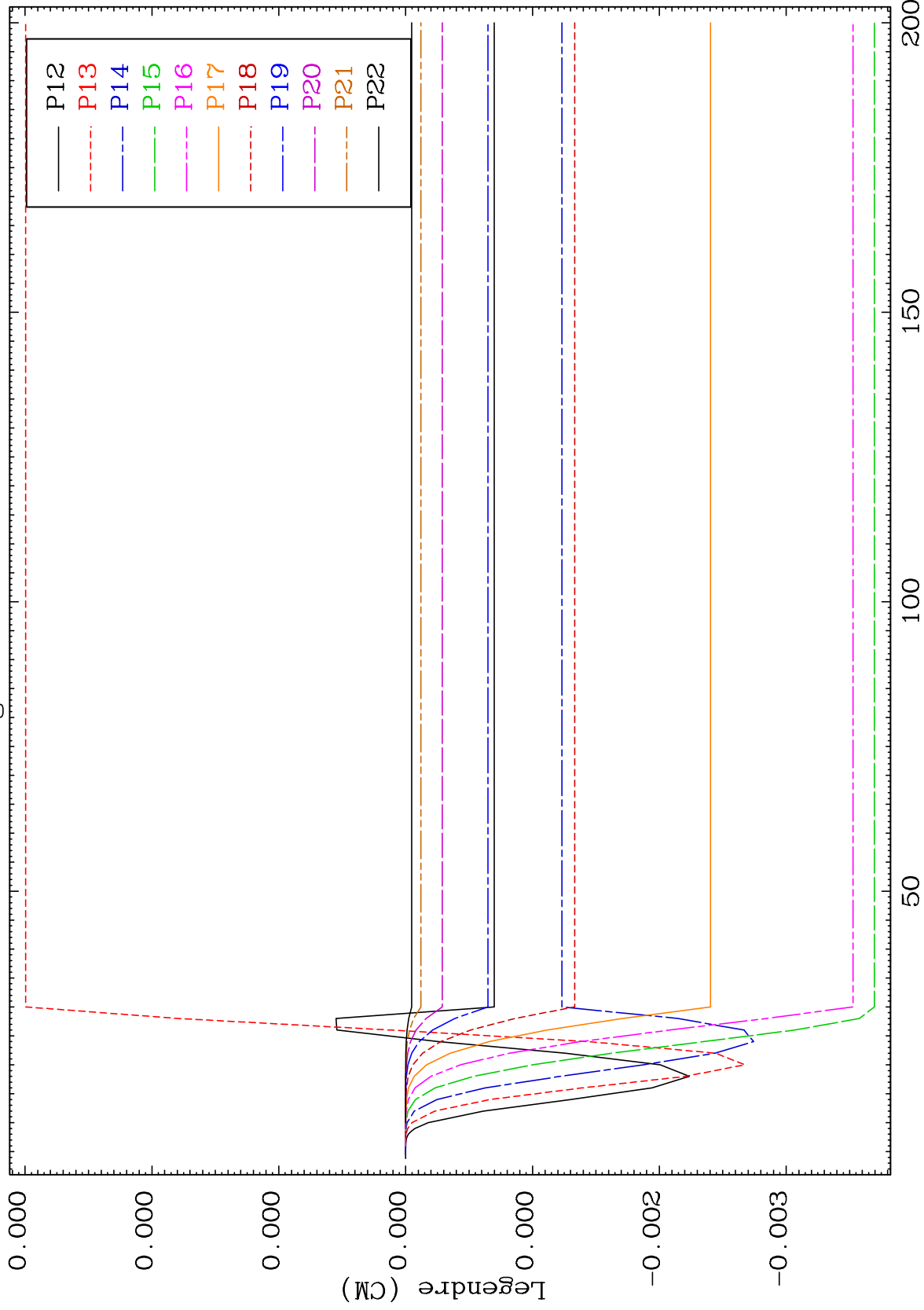
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

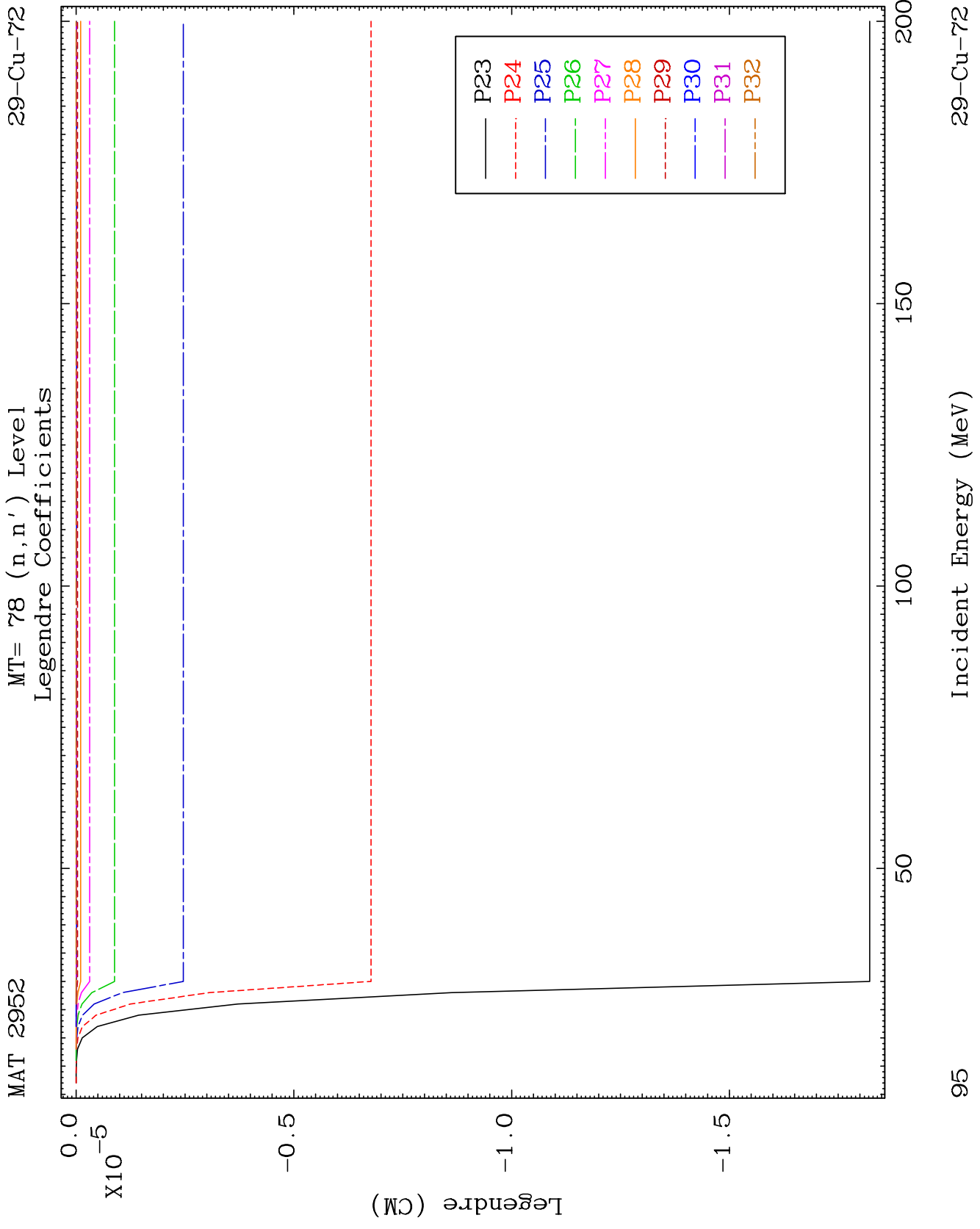
29-Cu-72



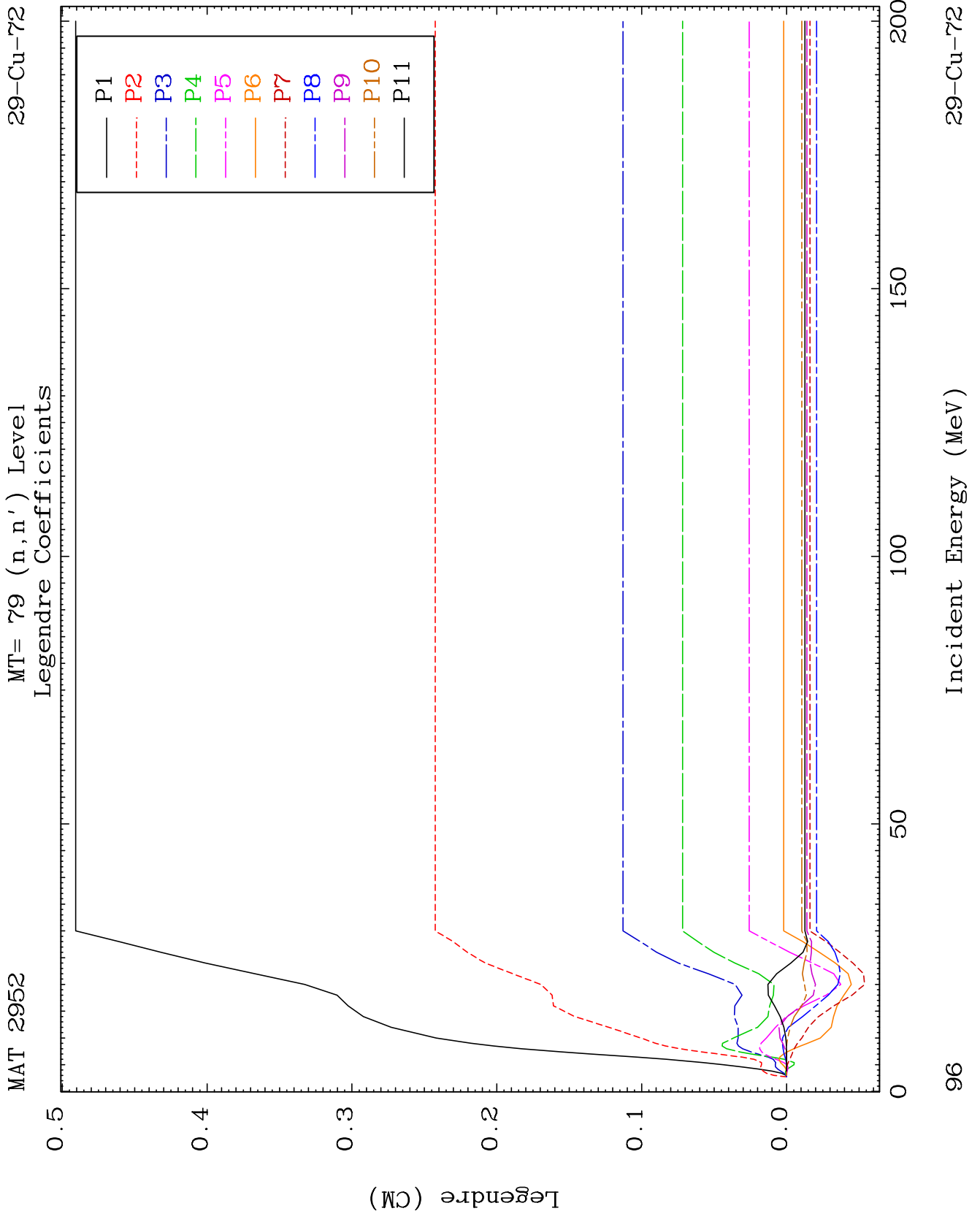
94

Incident Energy (MeV)

29-Cu-72



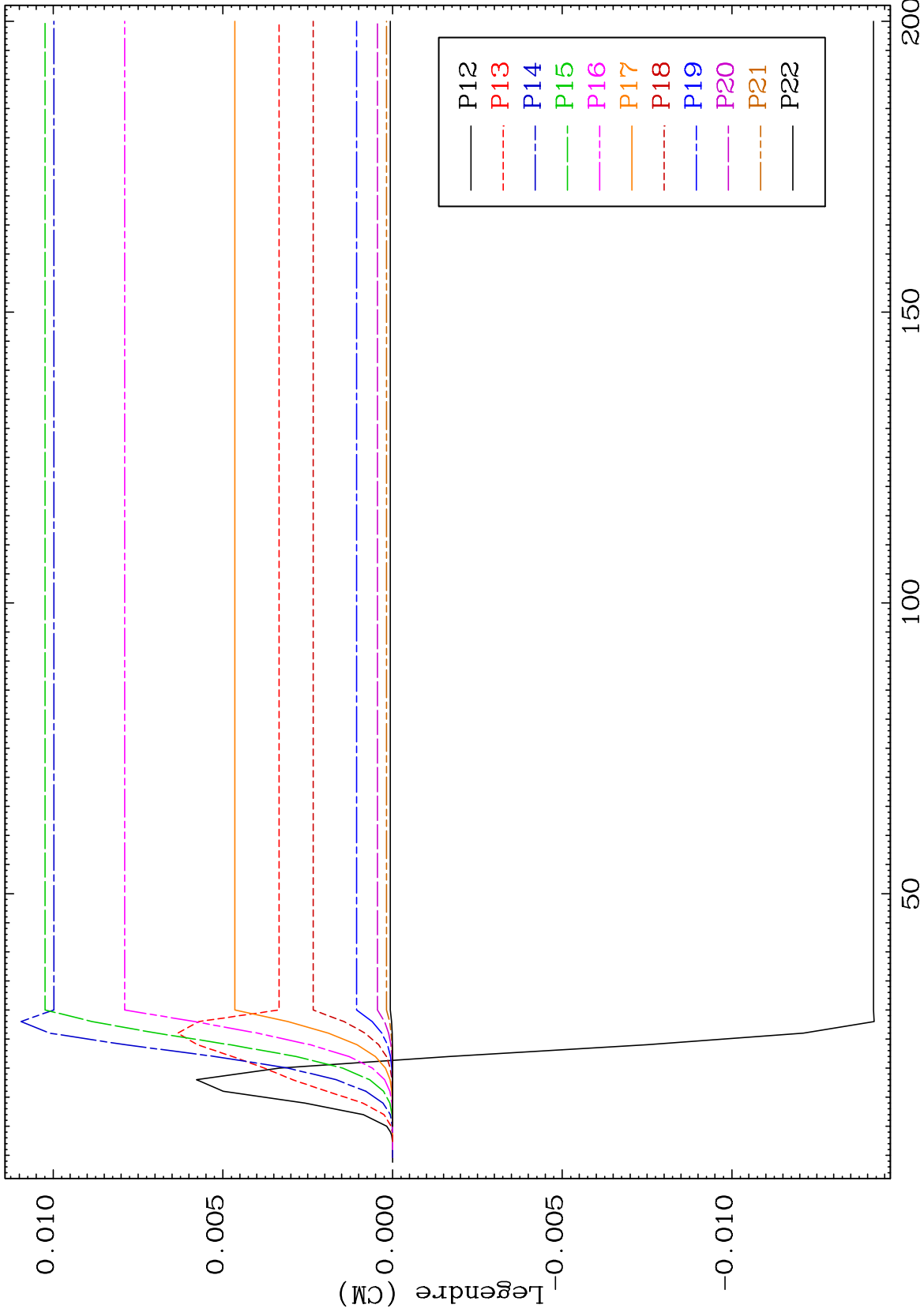




MAT 2952

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

29-Cu-72



97

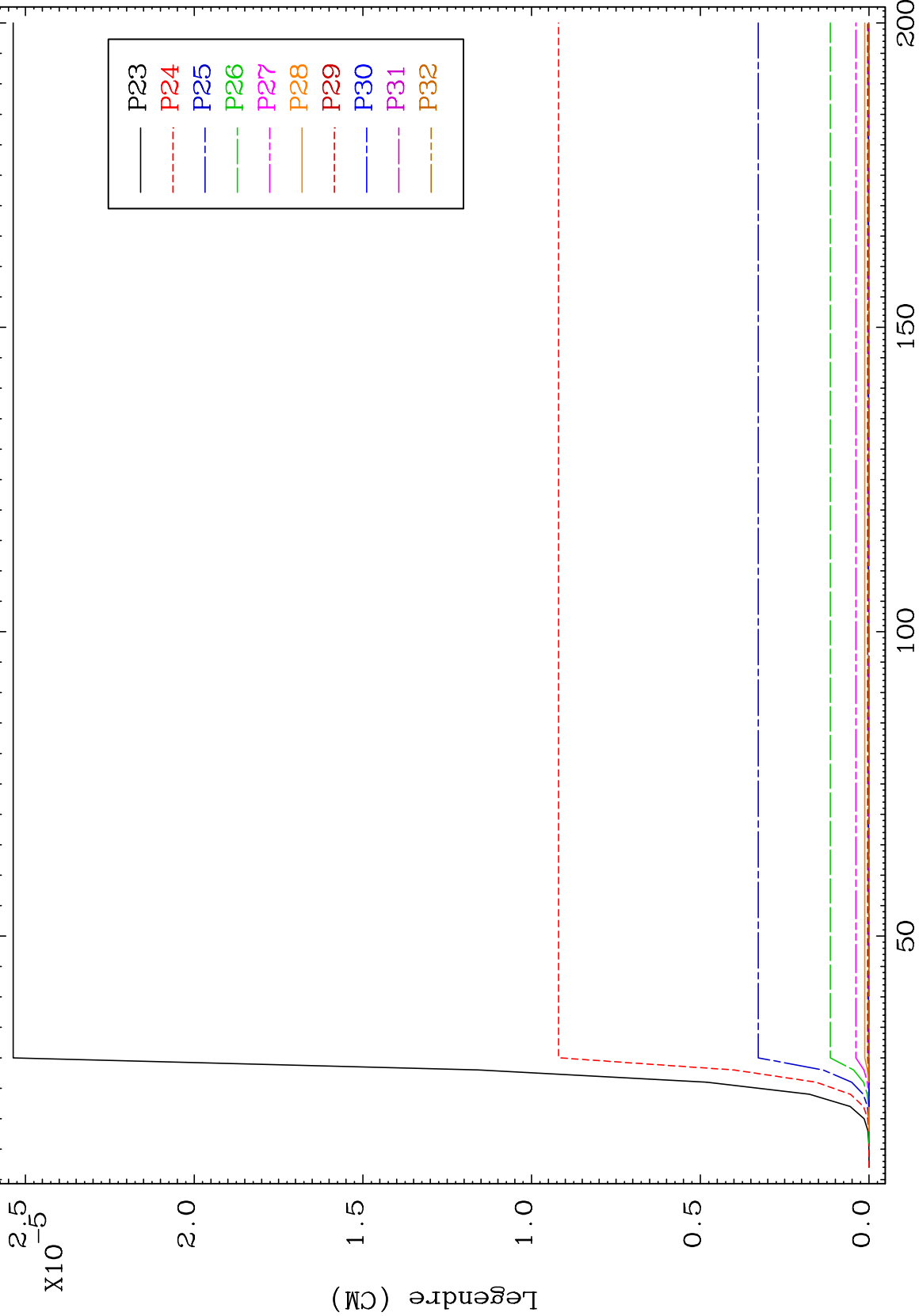
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



98

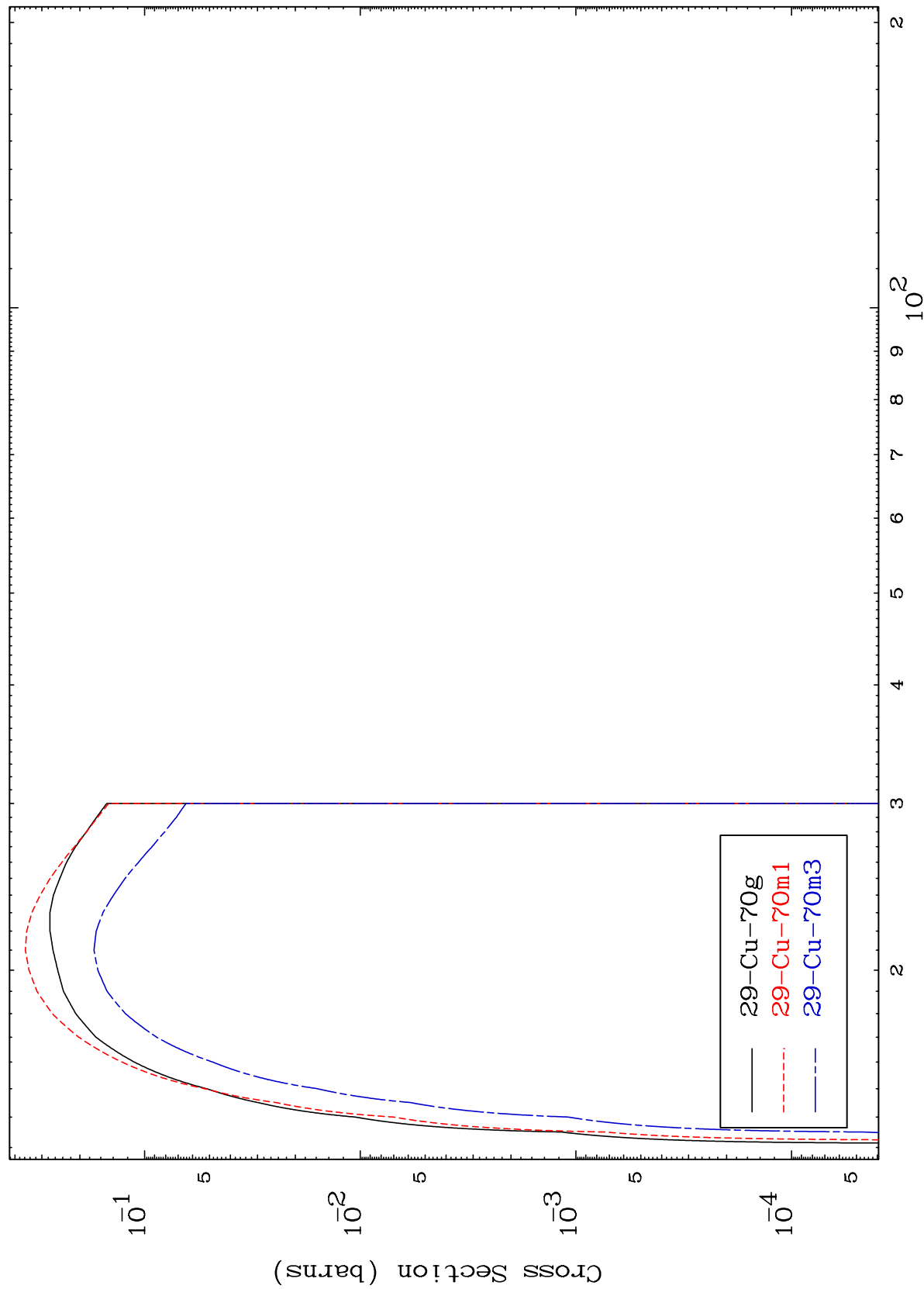
Incident Energy (MeV)

29-Cu-72

MAT 2952

<sup>29</sup>Cu-72

(n,3n)  
Radionuclide Production Cross Section



99

<sup>29</sup>Cu-72

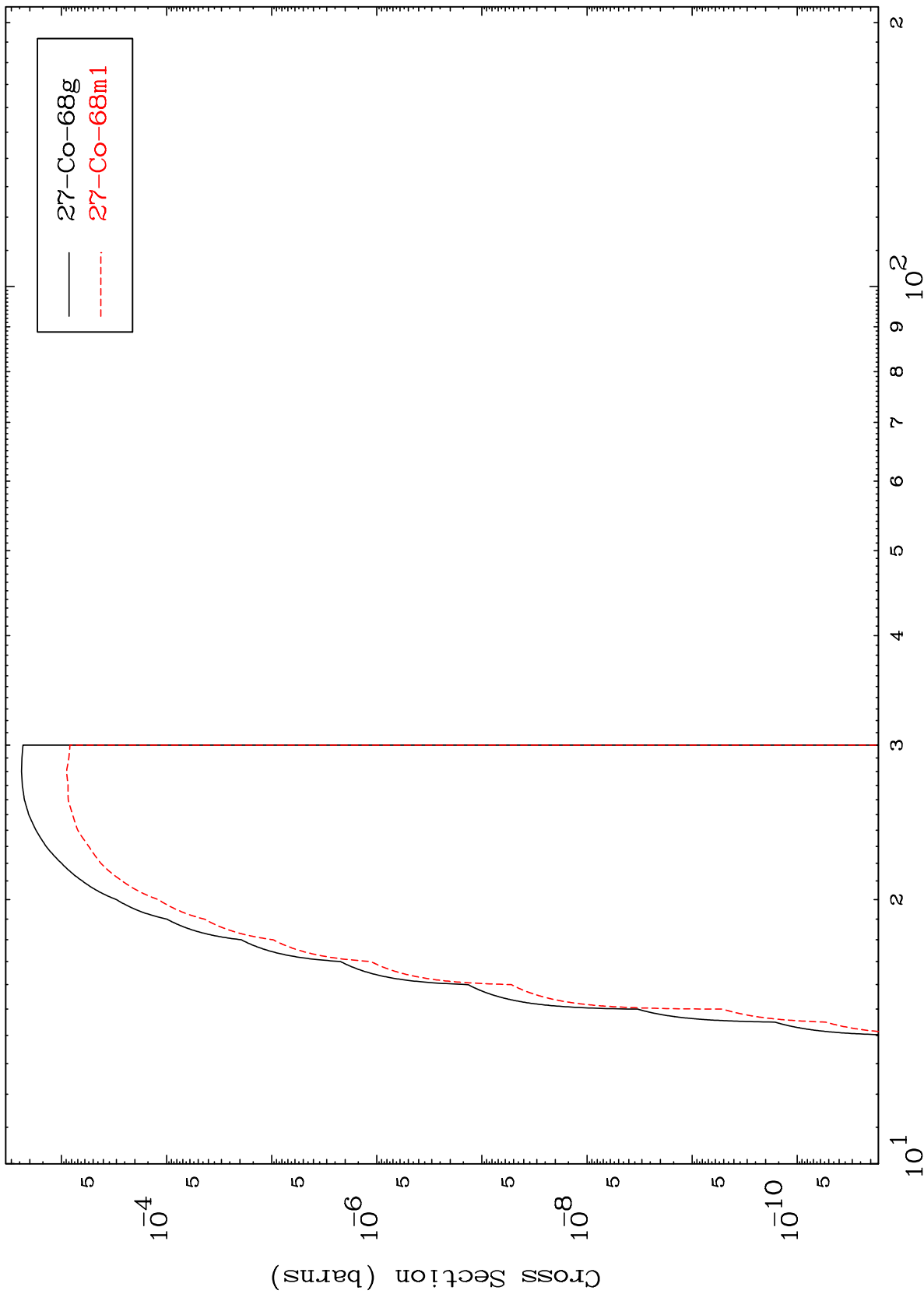
Incident Energy (MeV)

MAT 2952

$(n, n')$   $\alpha$

29-Cu-72

Radionuclide Production Cross Section



Incident Energy (MeV)

29-Cu-72

Radionuclide Production Cross Section

