

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

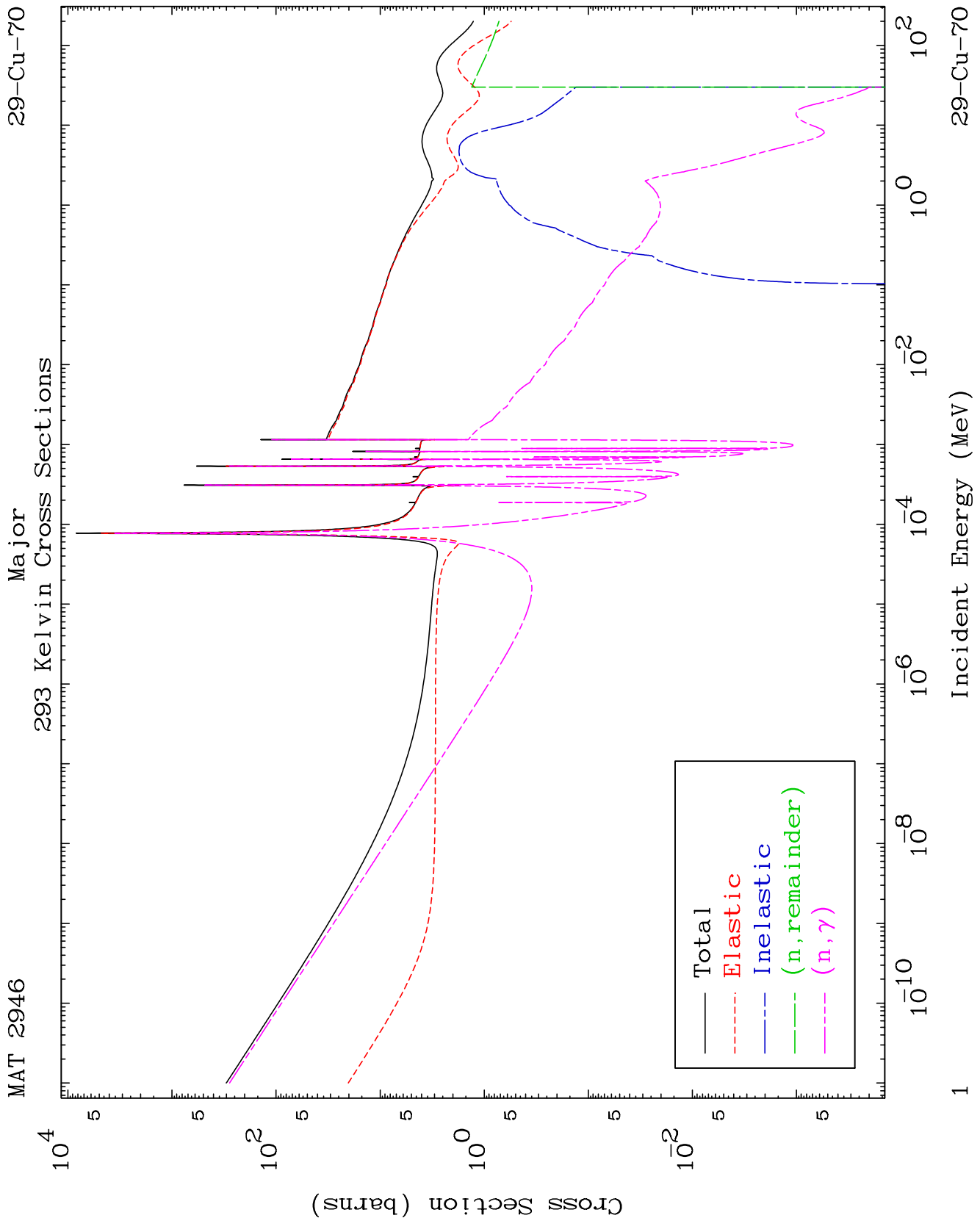
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

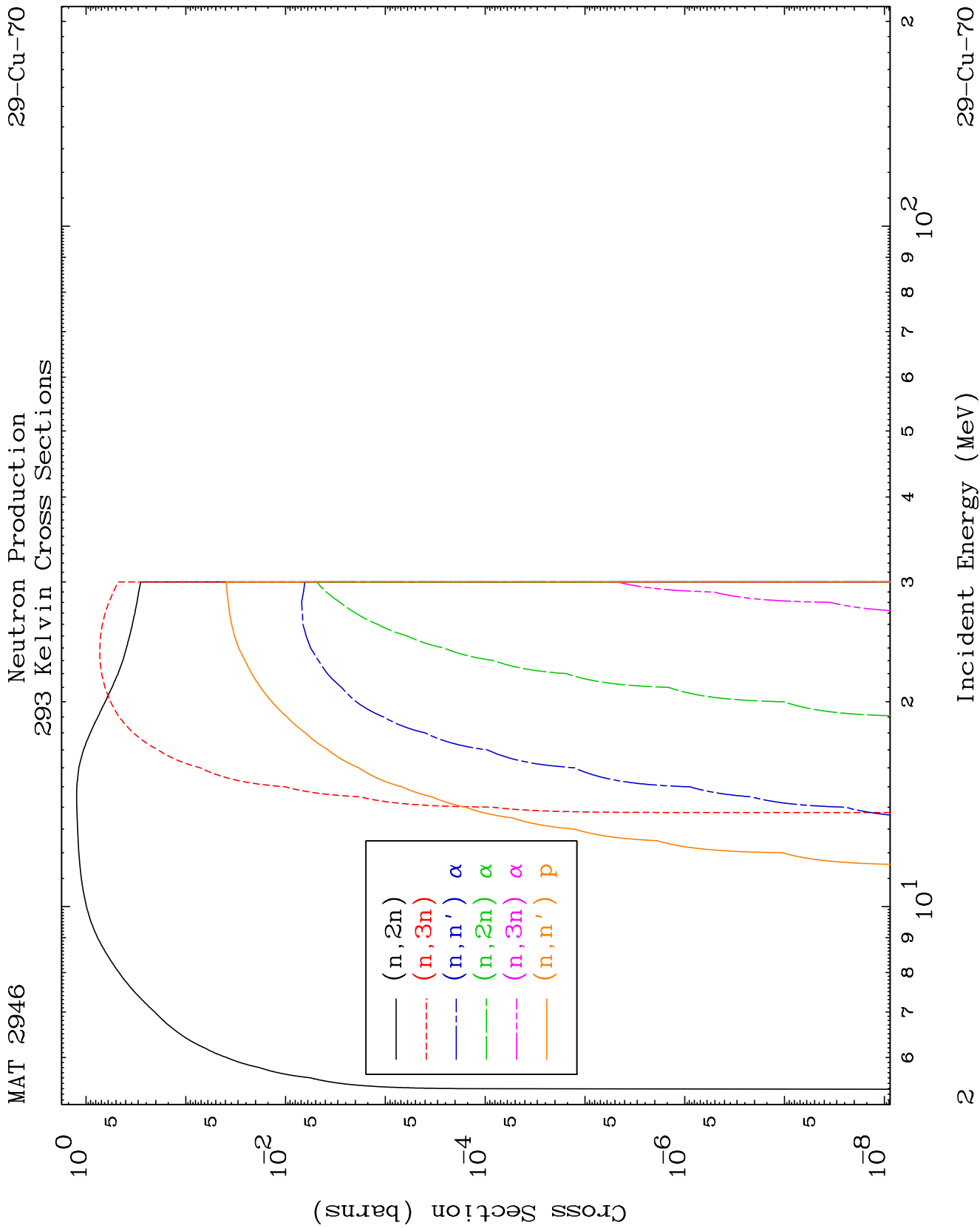
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

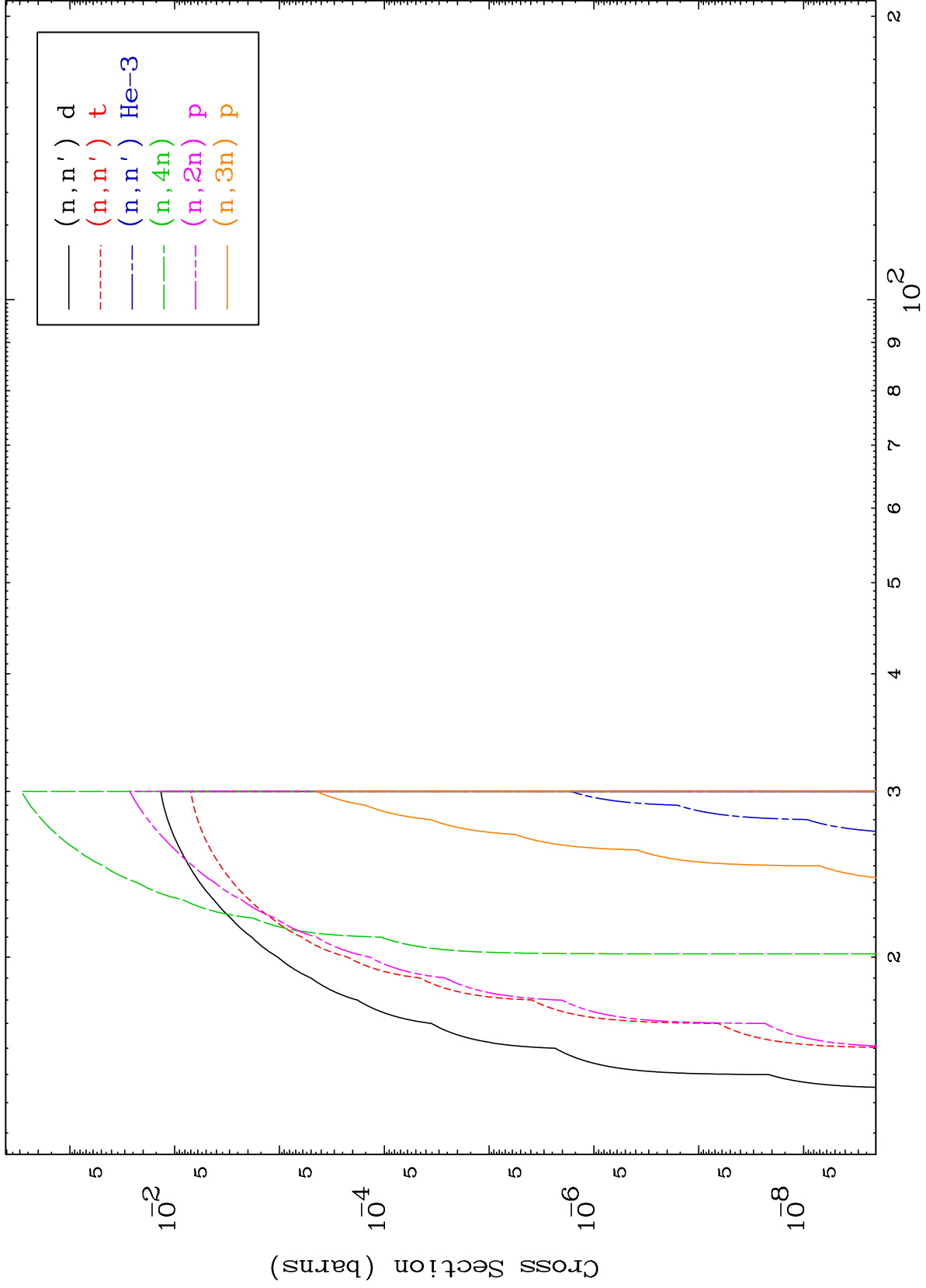




MAT 2946

Neutron Production
293 Kelvin Cross Sections

29-Cu-70



3

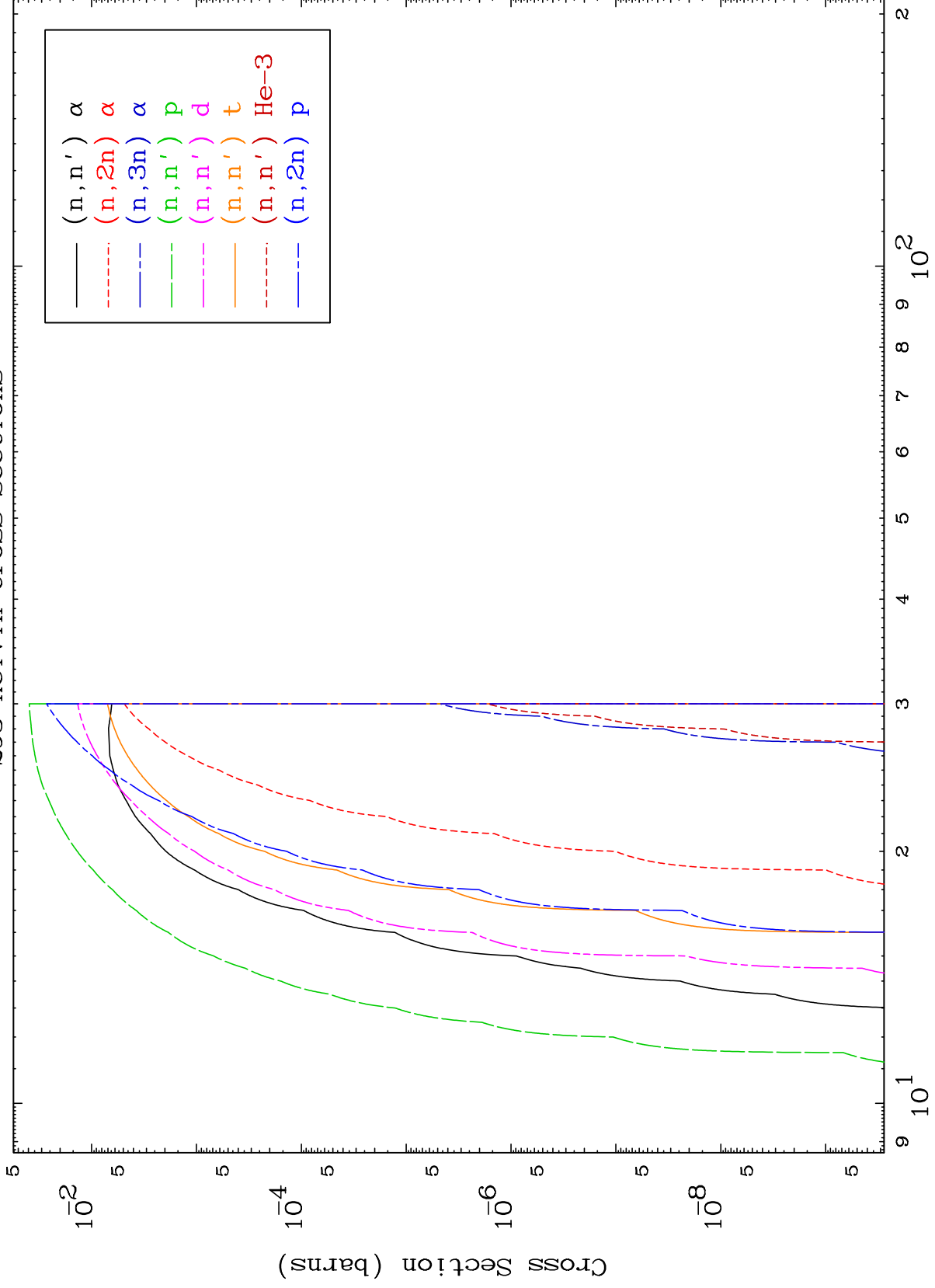
Incident Energy (MeV)

29-Cu-70

MAT 2946

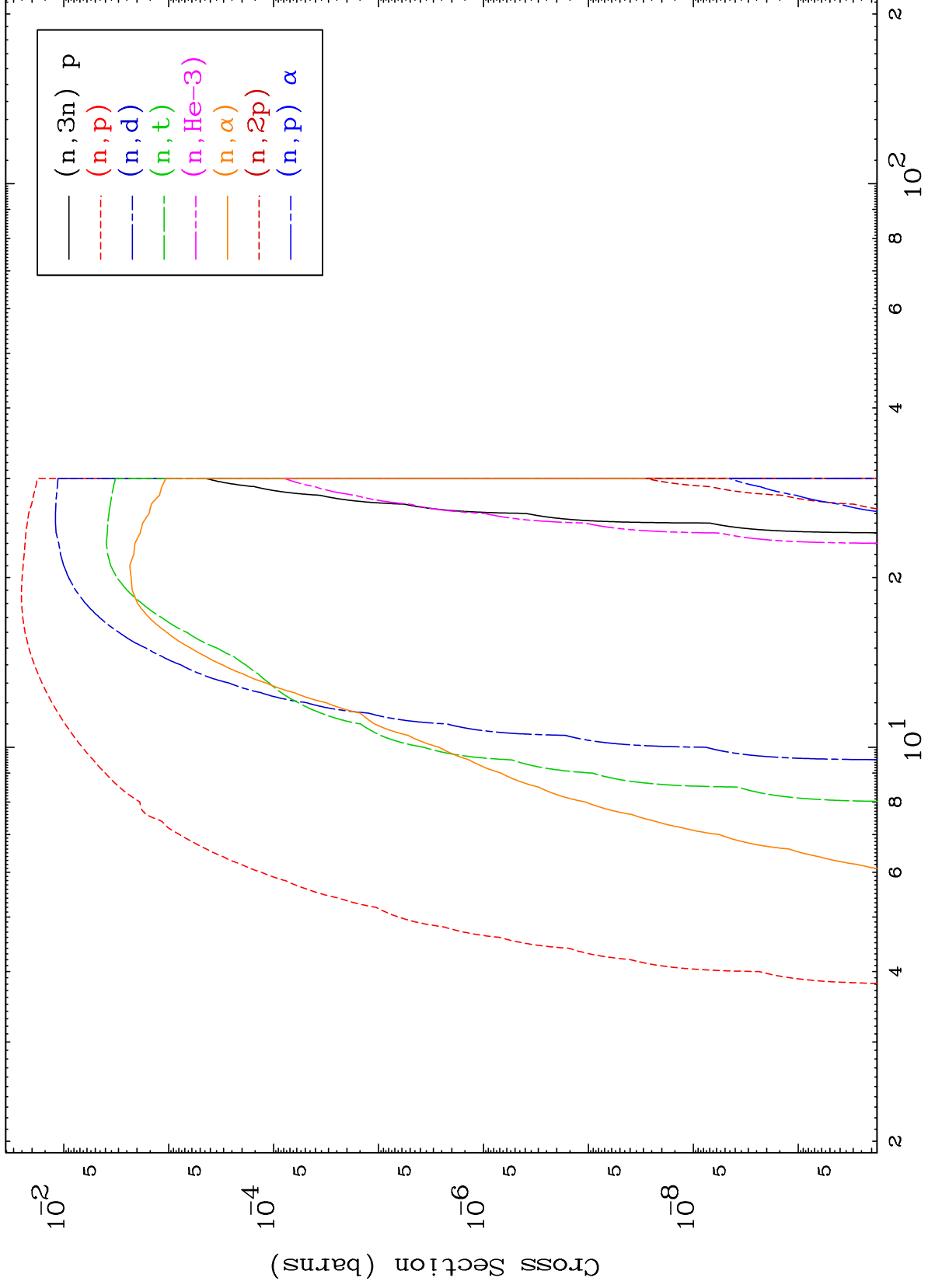
Charged Particle
293 Kelvin Cross Sections

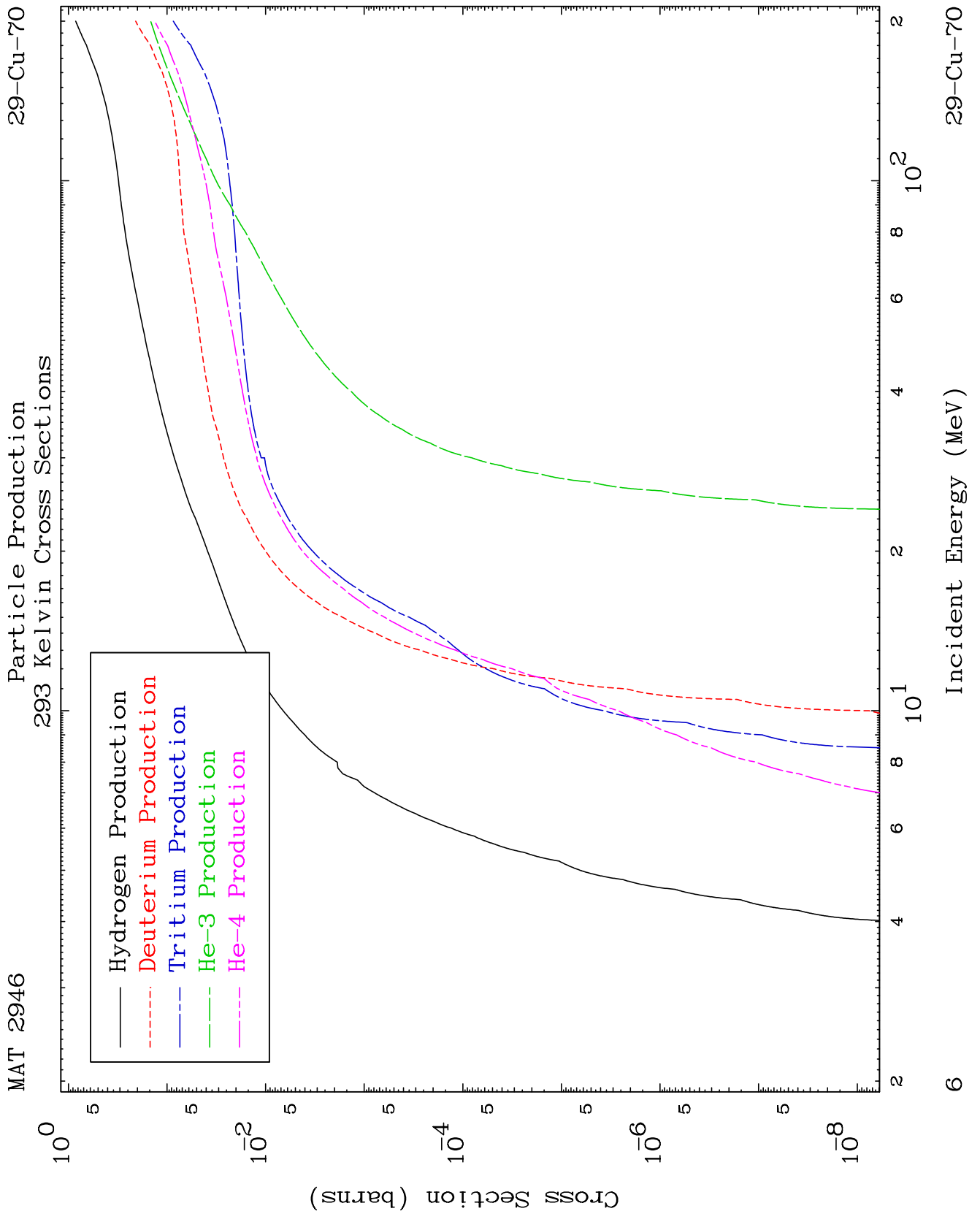
29-Cu-70



Incident Energy (MeV)

29-Cu-70



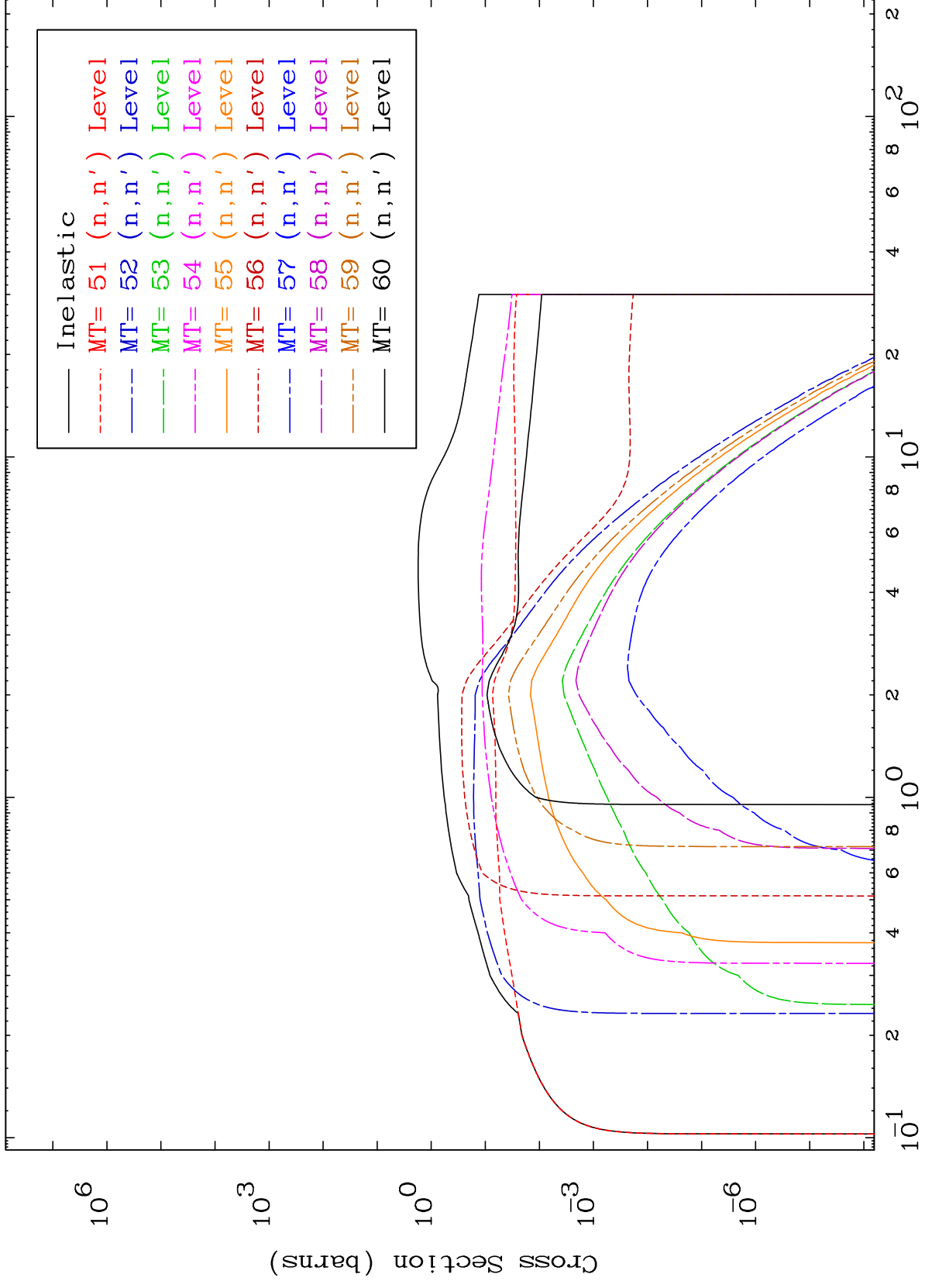


MAT 2946

(n,n') Level

29-Cu-70

293 Kelvin Cross Sections



Incident Energy (MeV)

29-Cu-70

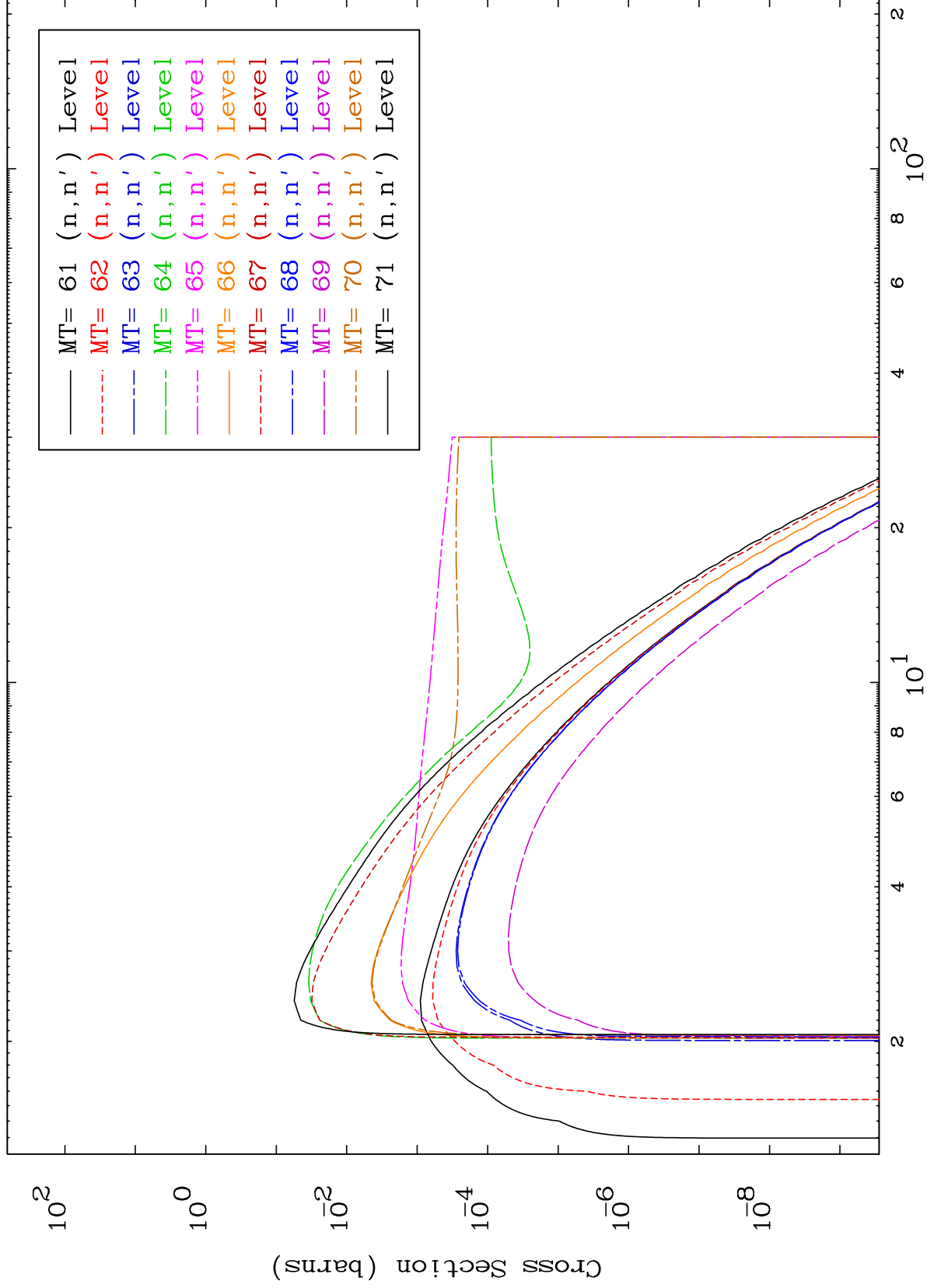
7

MAT 2946

(n,n') Level

29-Cu-70

293 Kelvin Cross Sections



8

Incident Energy (MeV)

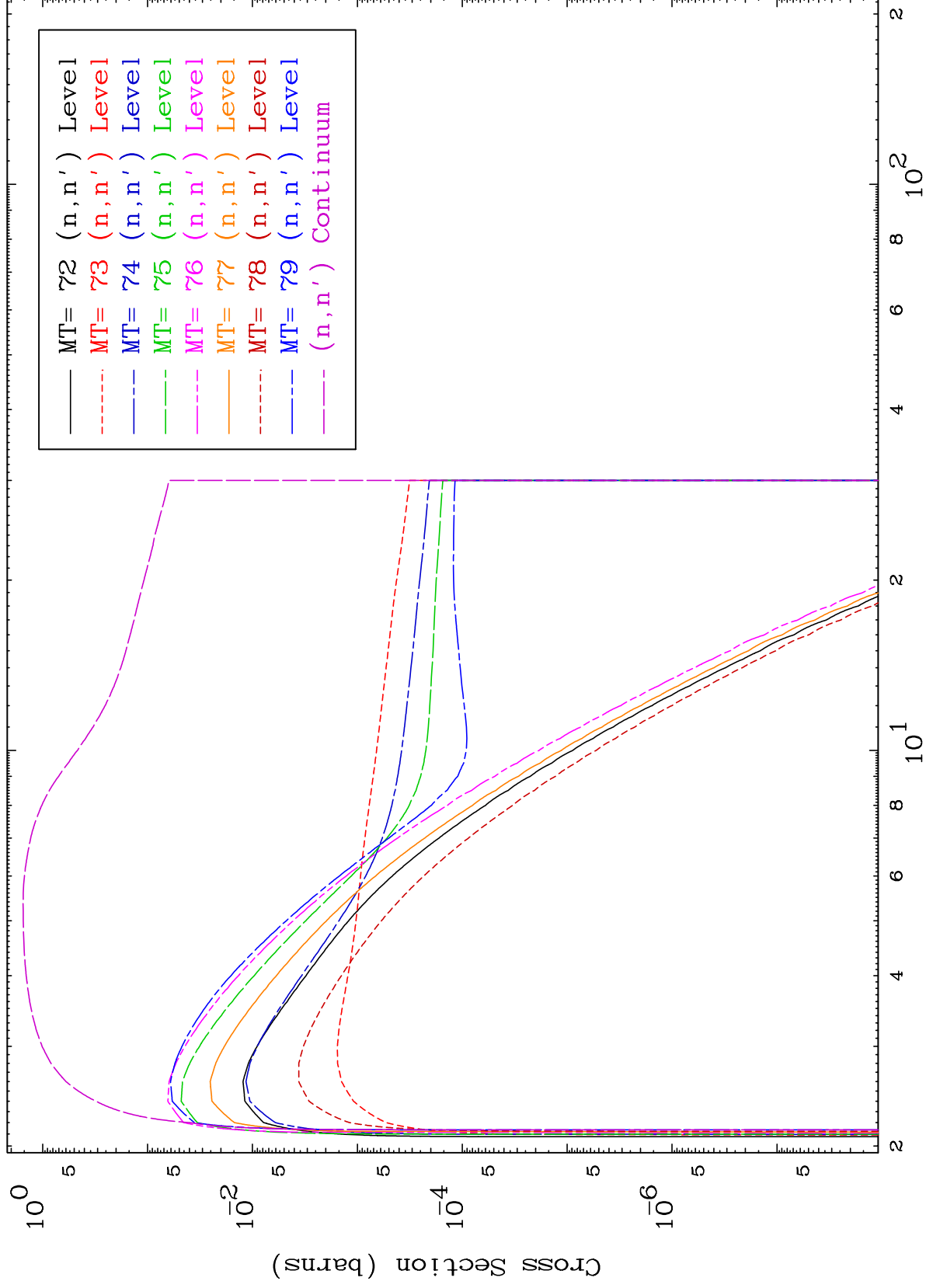
29-Cu-70

MAT 2946

(n,n') Level

29-Cu-70

293 Kelvin Cross Sections



9

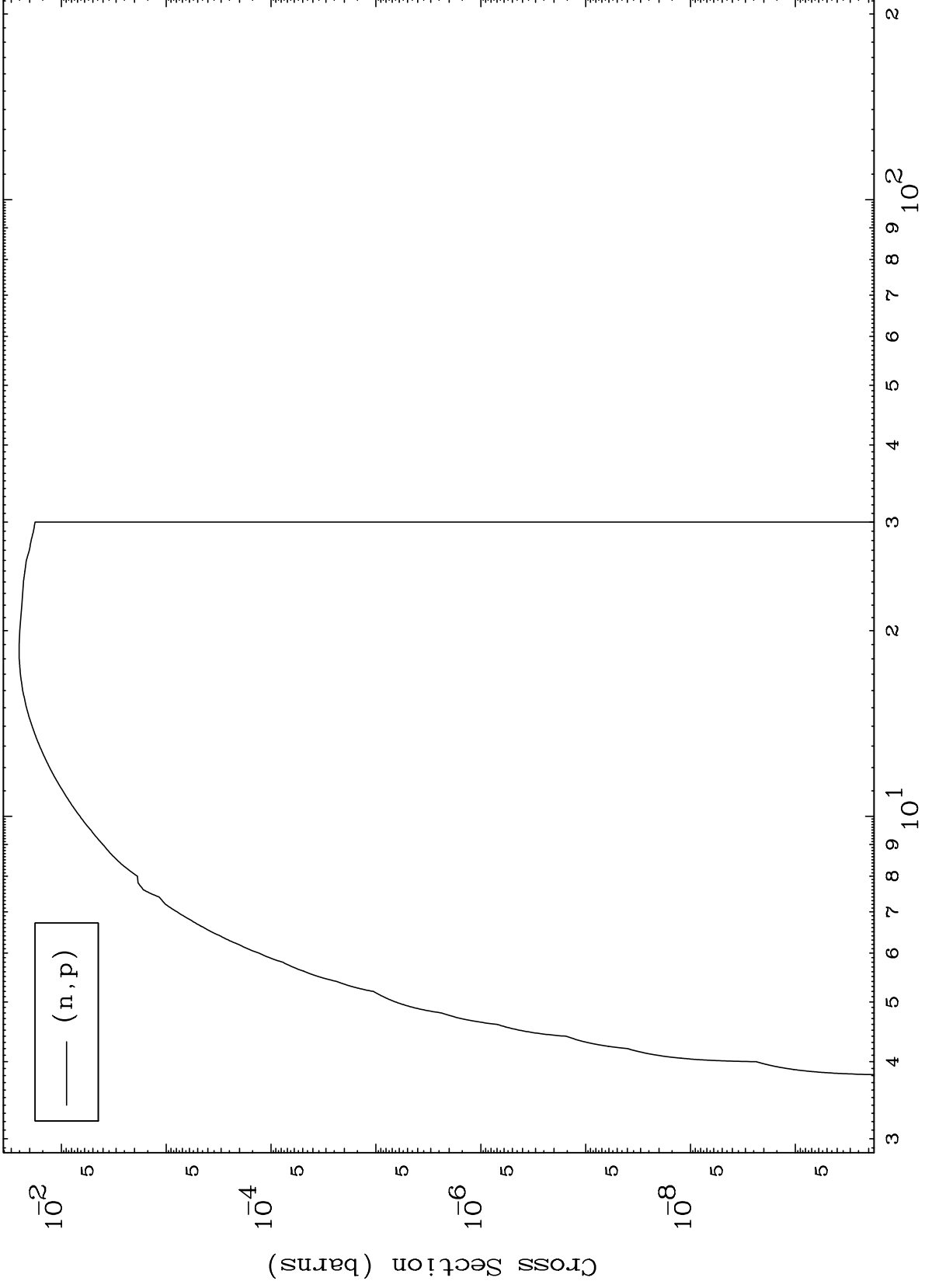
Incident Energy (MeV)

29-Cu-70

MAT 2946

(n,p) Levels
293 Kelvin Cross Sections

29-Cu-70



10

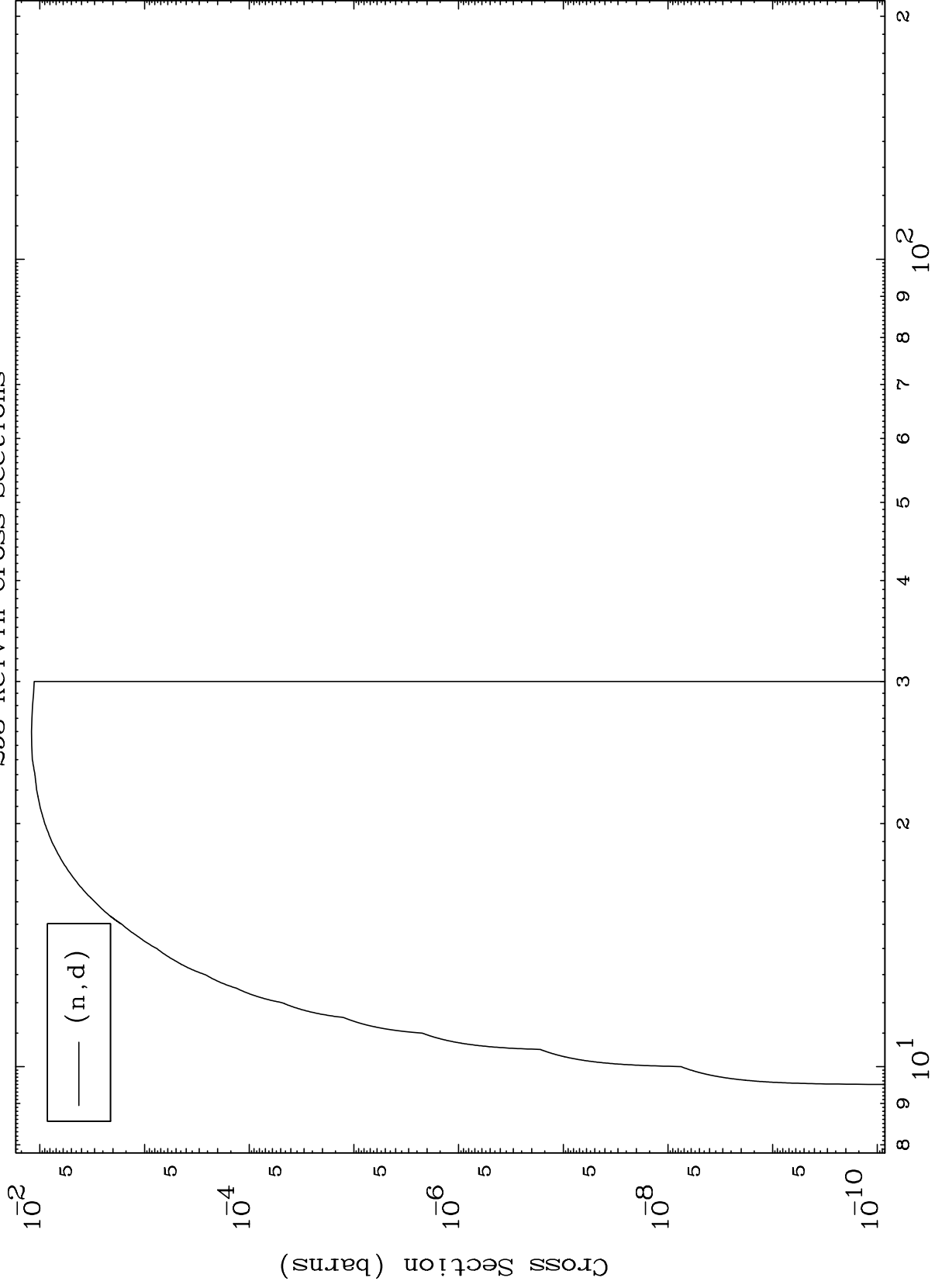
Incident Energy (MeV)

29-Cu-70

MAT 2946

(n,d) Levels
293 Kelvin Cross Sections

29-Cu-70



11

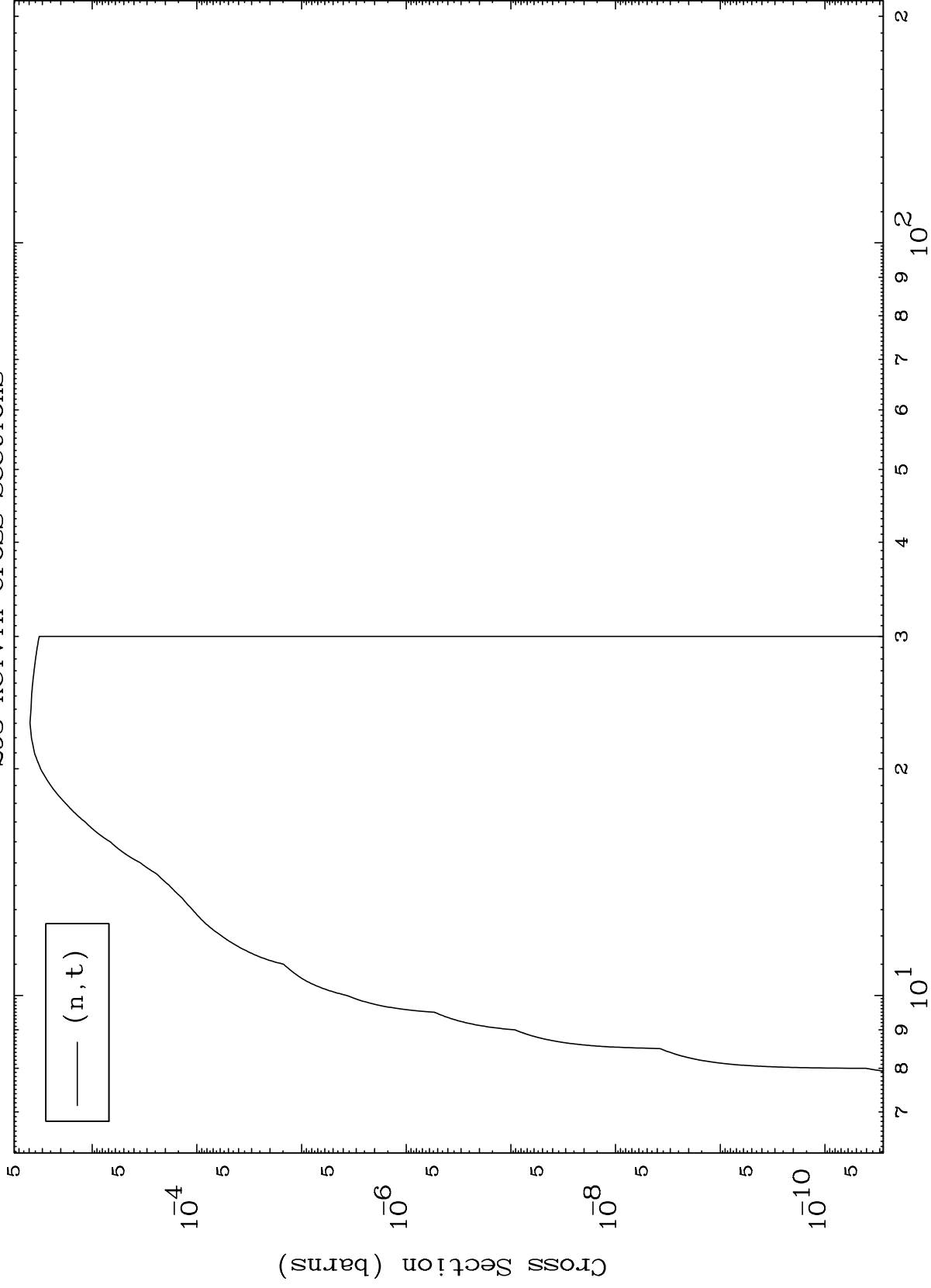
Incident Energy (MeV)

29-Cu-70

MAT 2946

(n, t) Levels
293 Kelvin Cross Sections

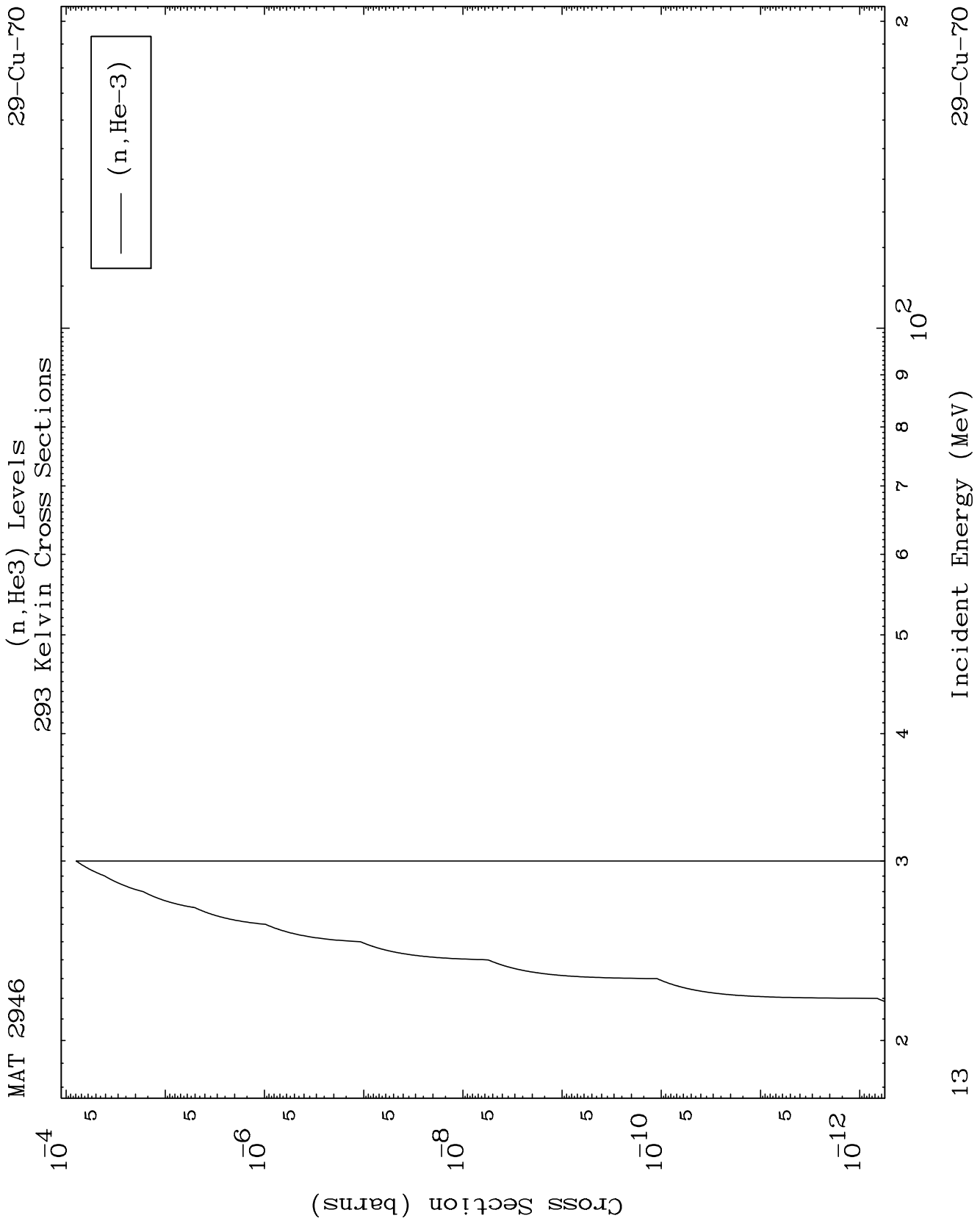
29-Cu-70



12

Incident Energy (MeV)

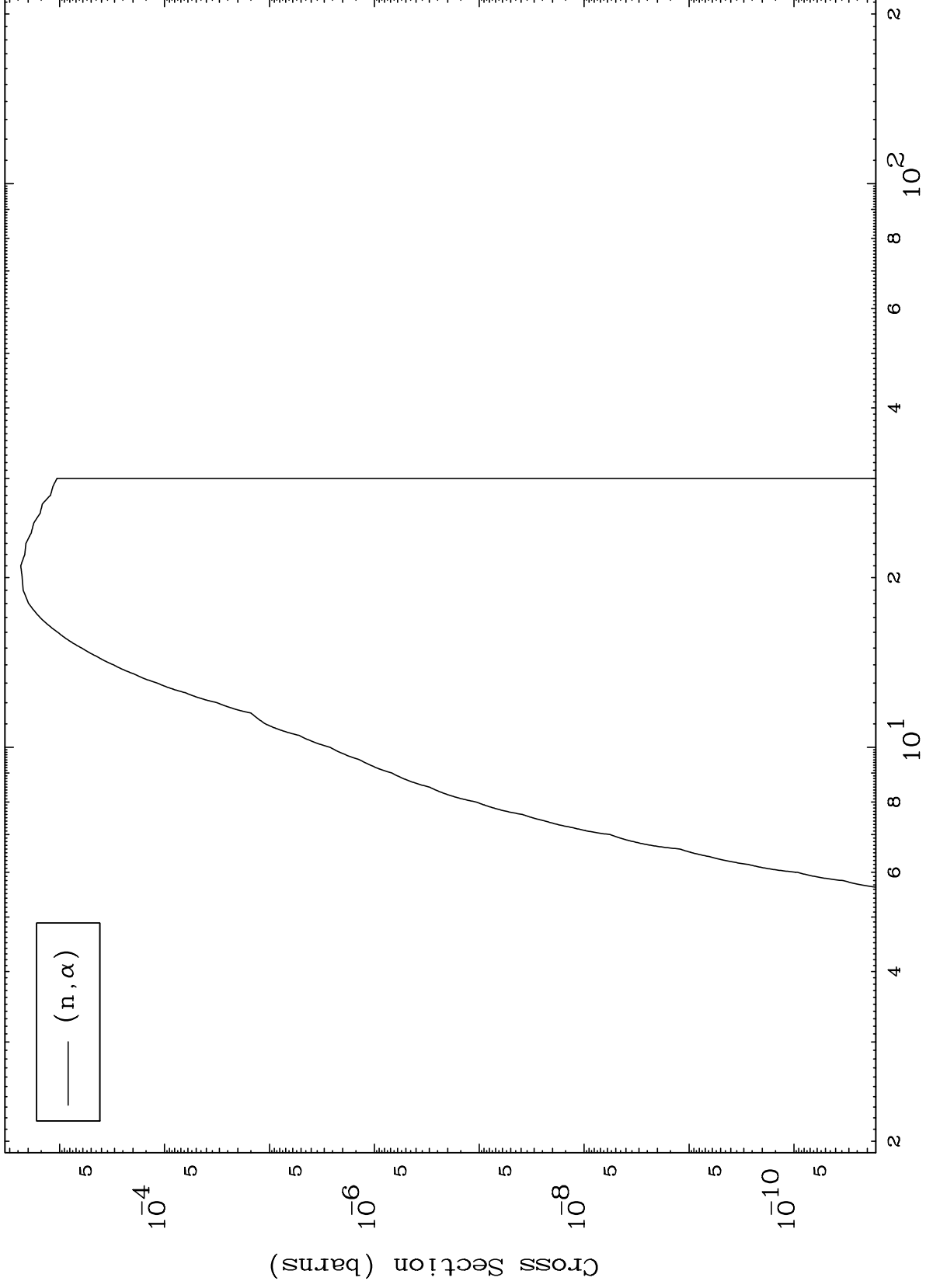
29-Cu-70



MAT 2946

(n, α) Levels
293 Kelvin Cross Sections

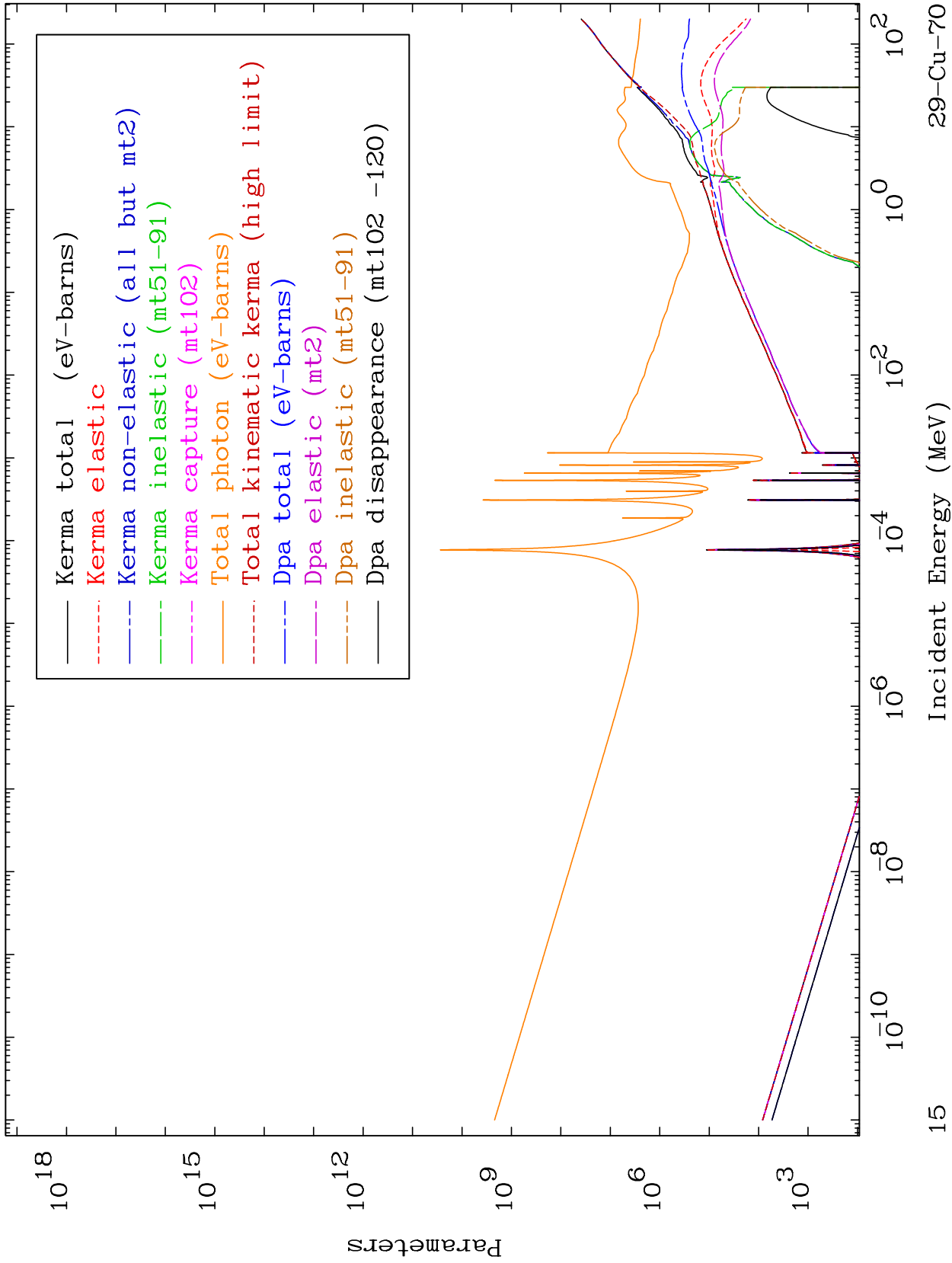
29-Cu-70



14

Incident Energy (MeV)

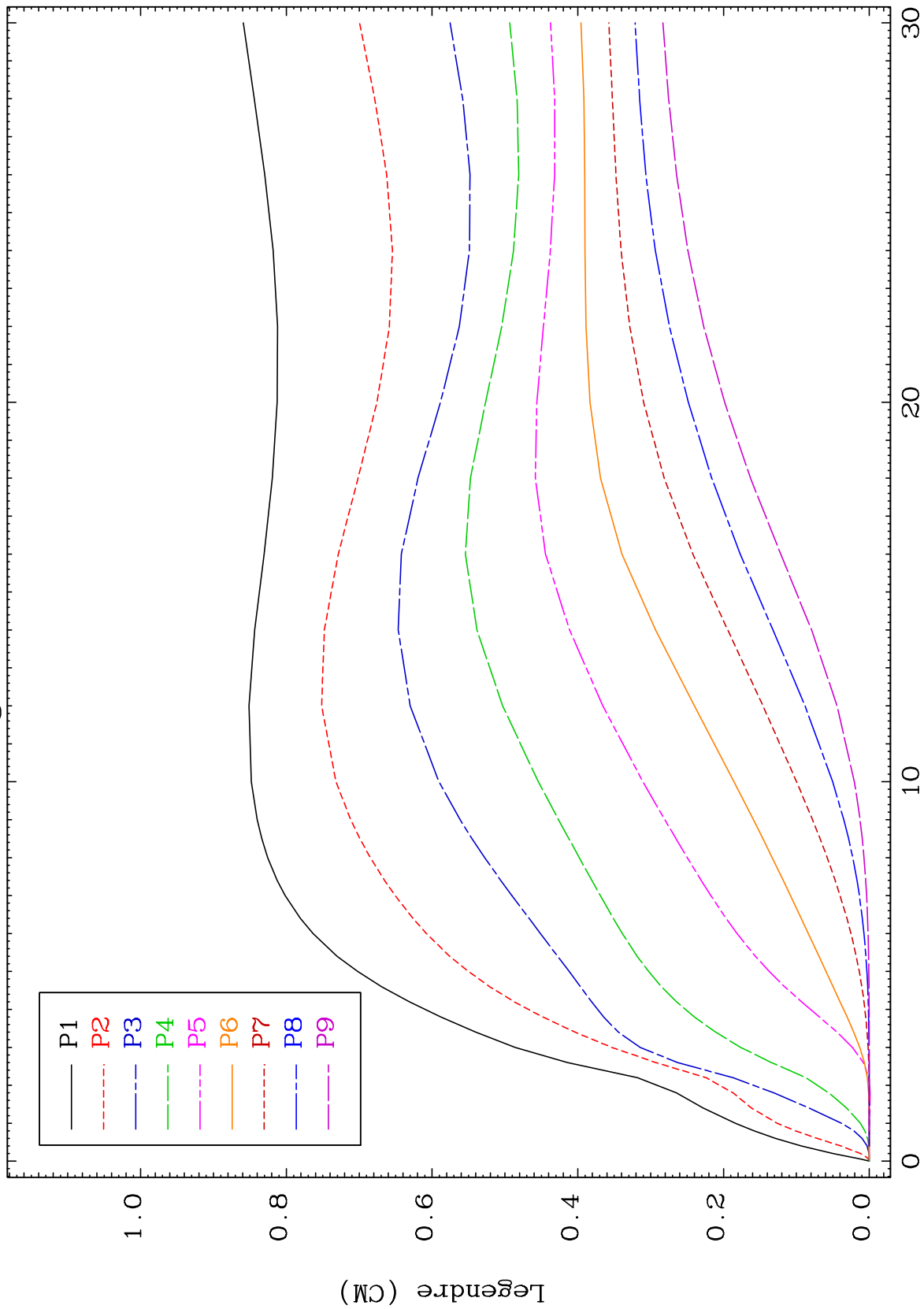
29-Cu-70



MAT 2946

Elastic Legendre Coefficients

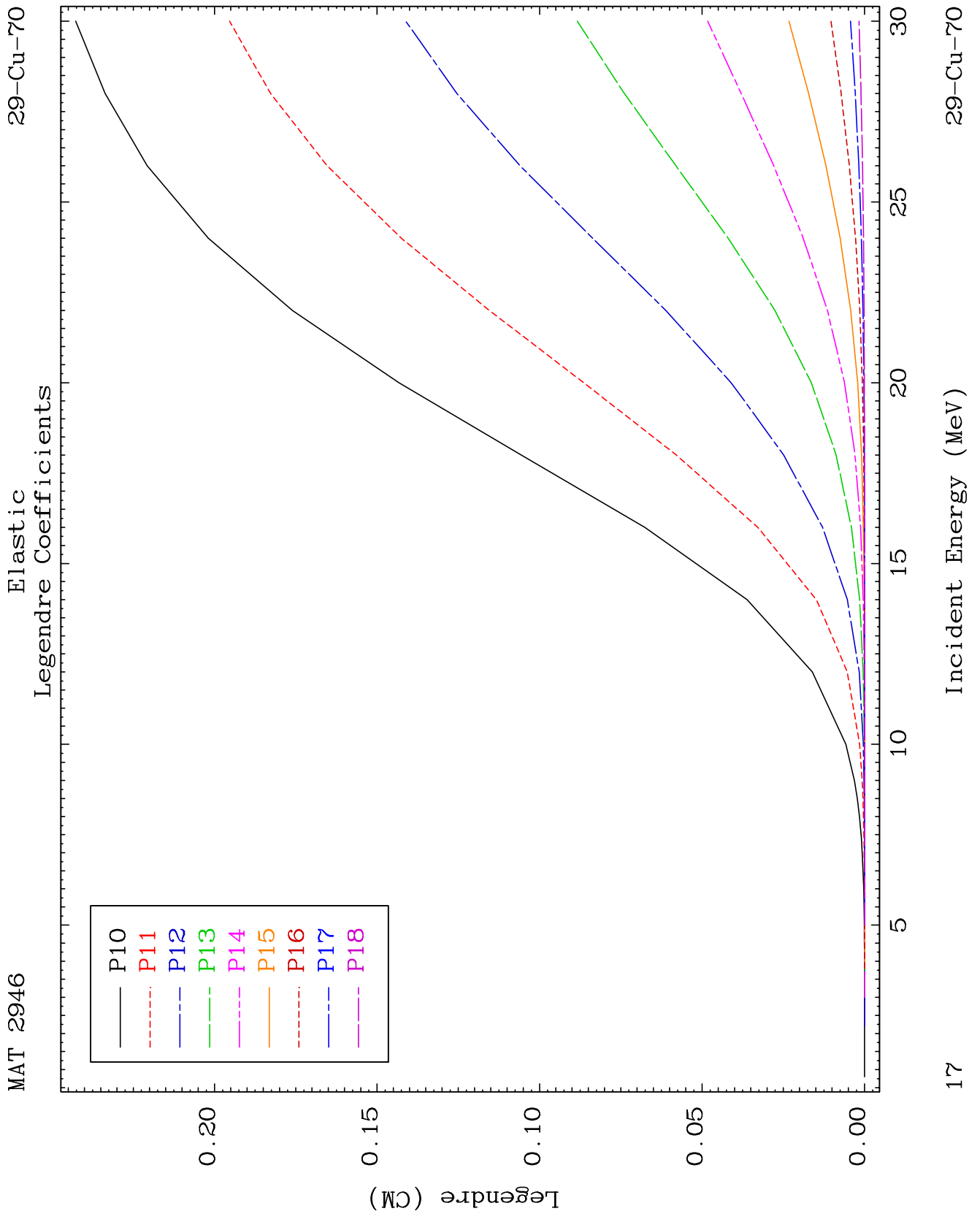
²⁹Cu-70



16

Incident Energy (MeV)

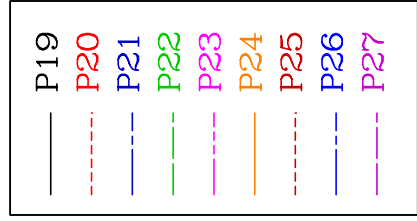
²⁹Cu-70



MAT 2946

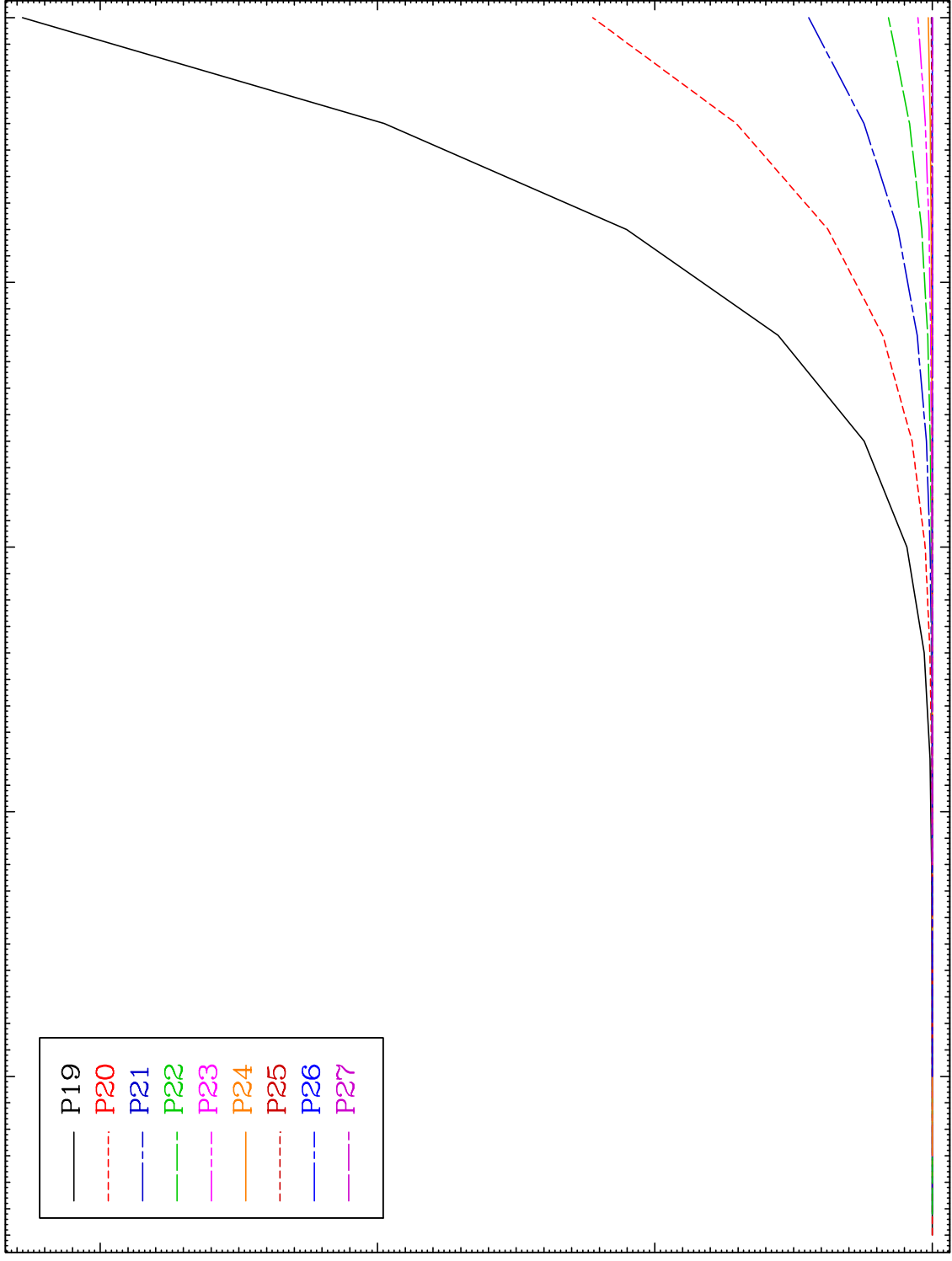
Elastic
Legendre Coefficients

29-Cu-70



$\times 10^{-4}$

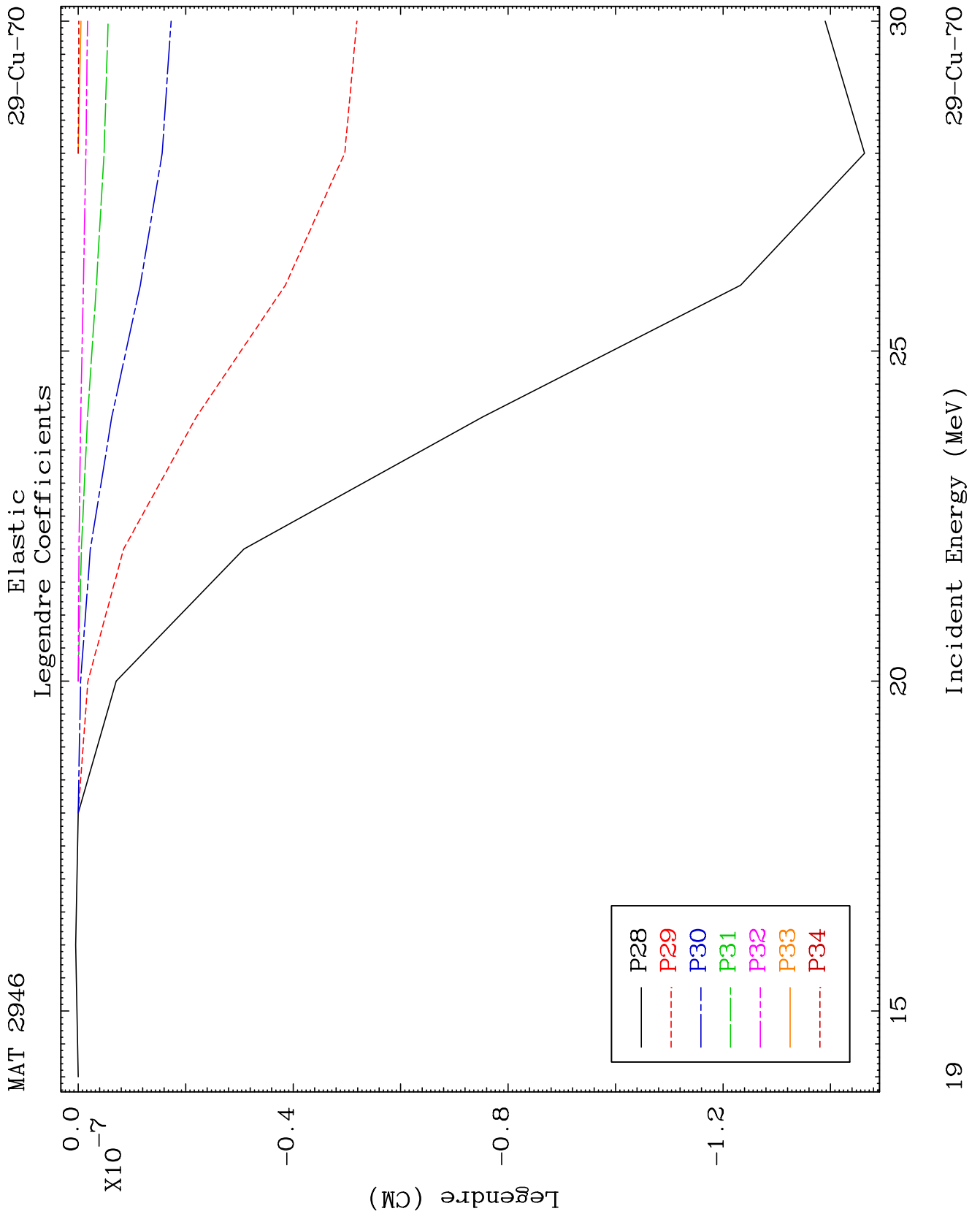
Legendre (CM)

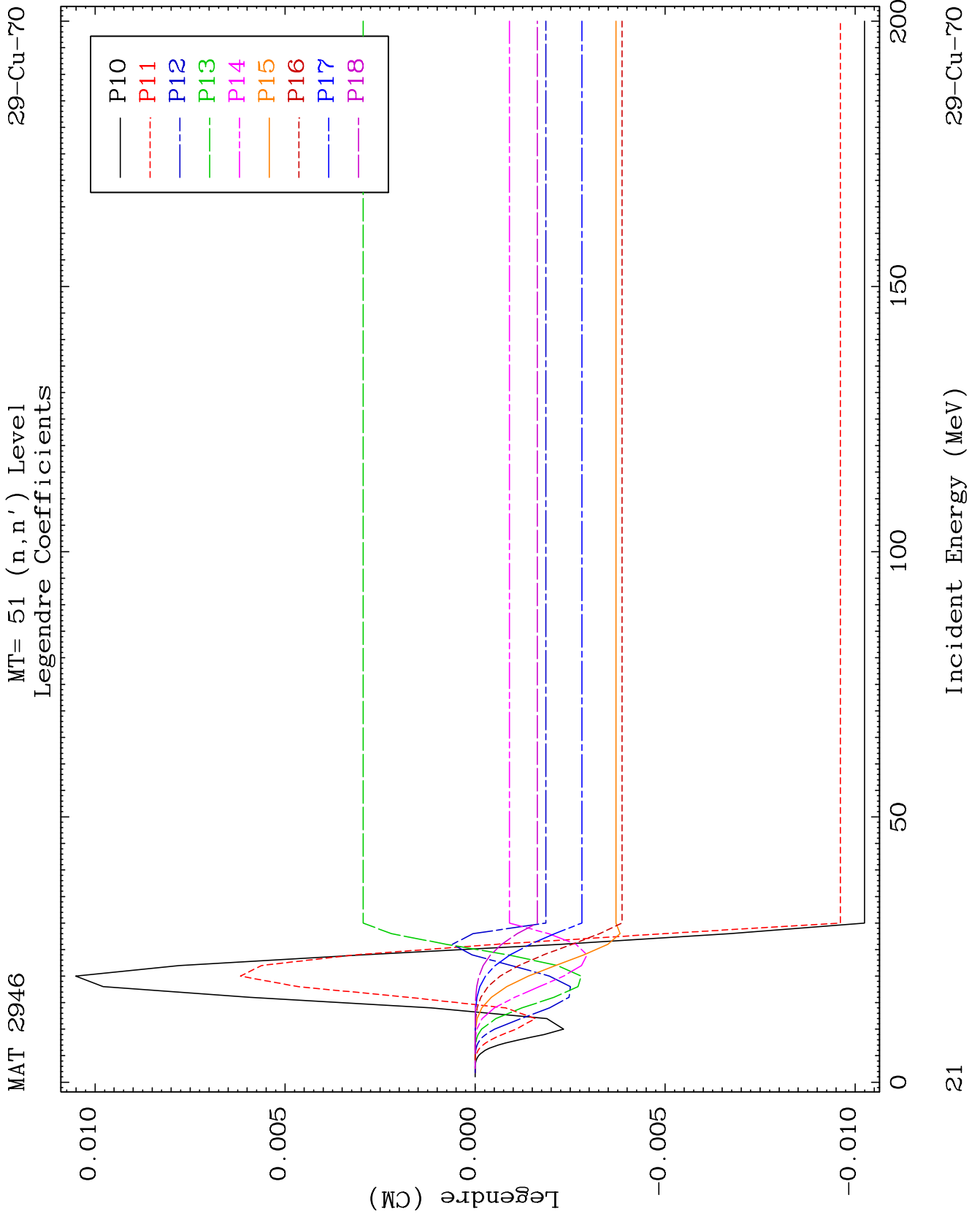


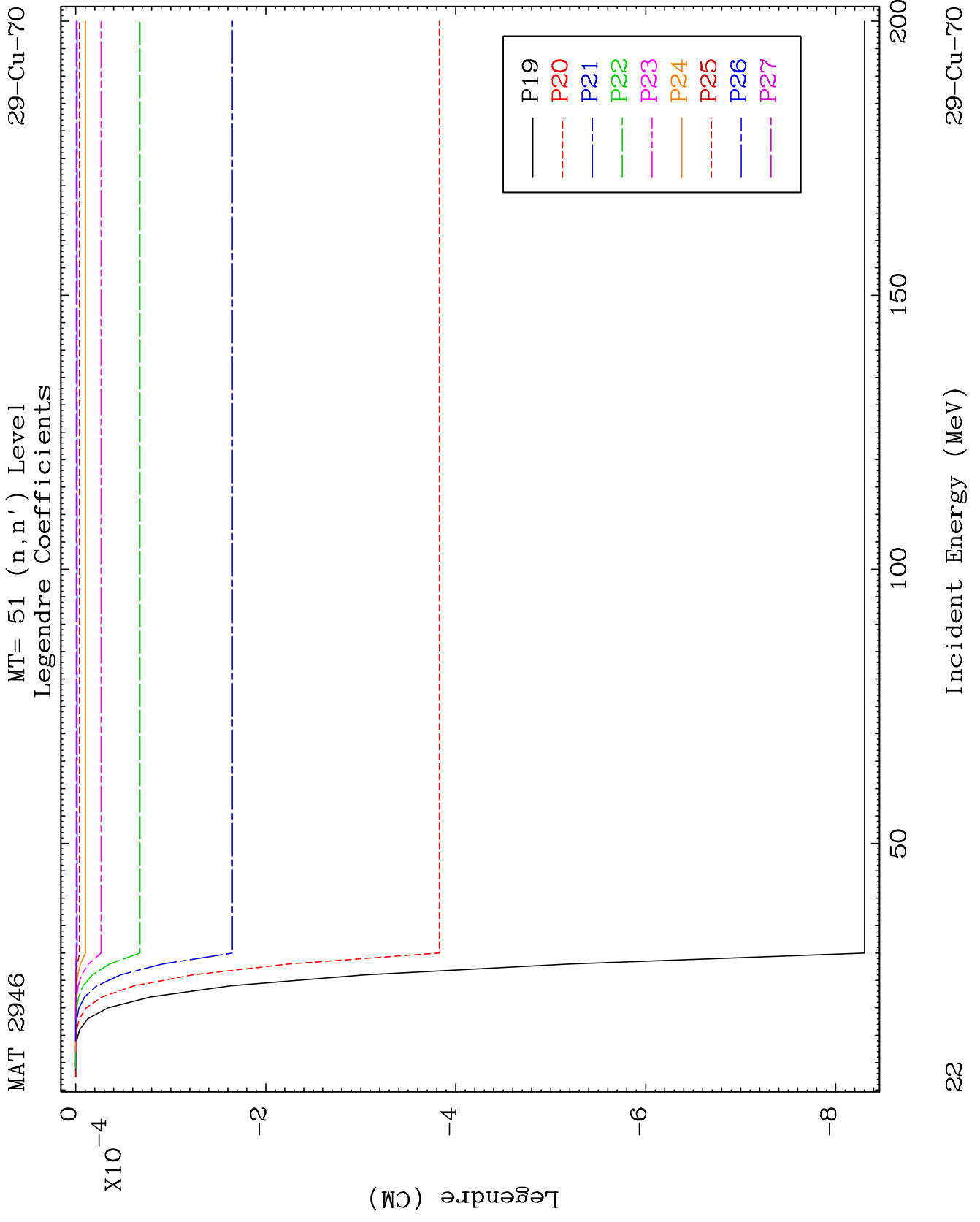
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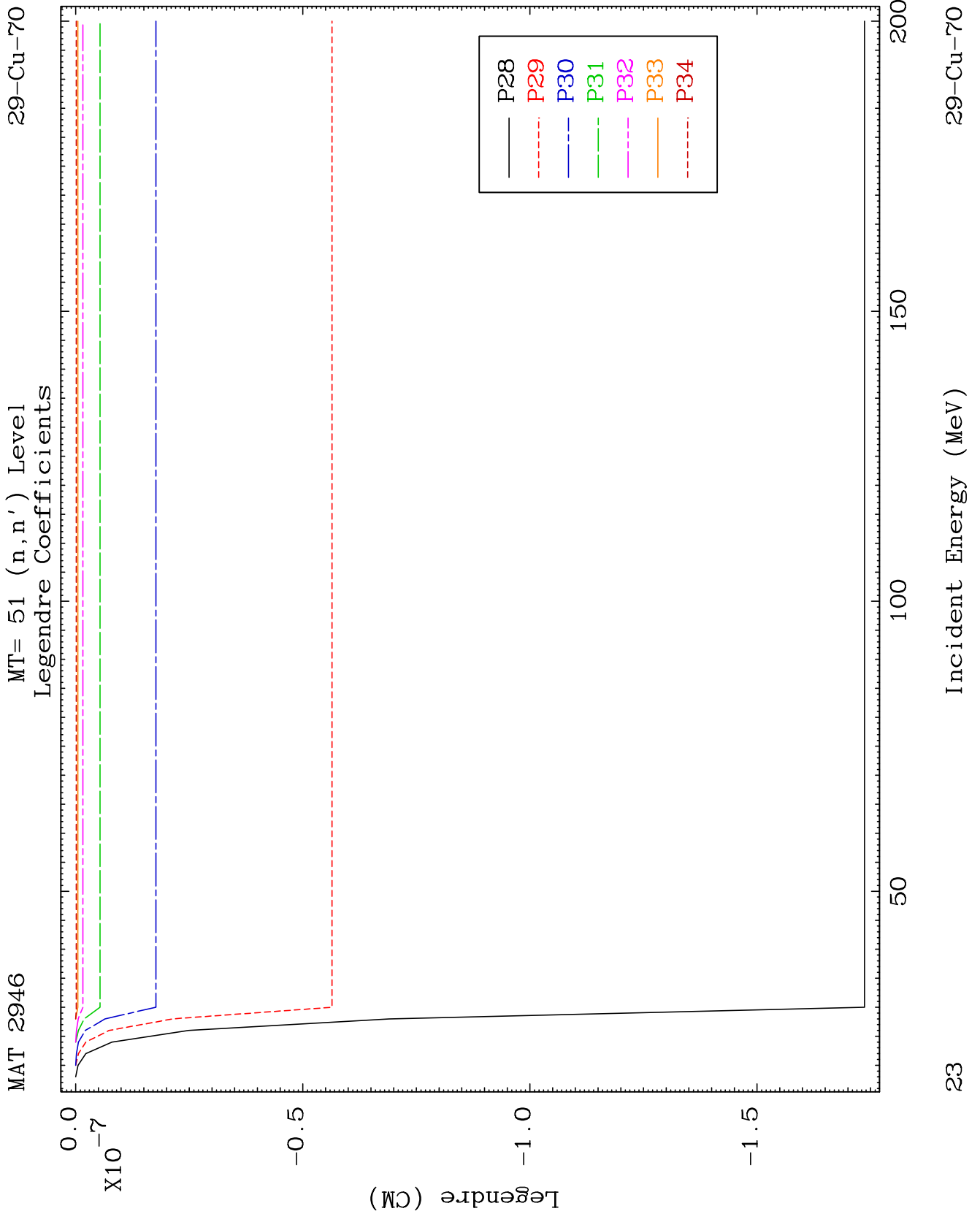
Incident Energy (MeV)

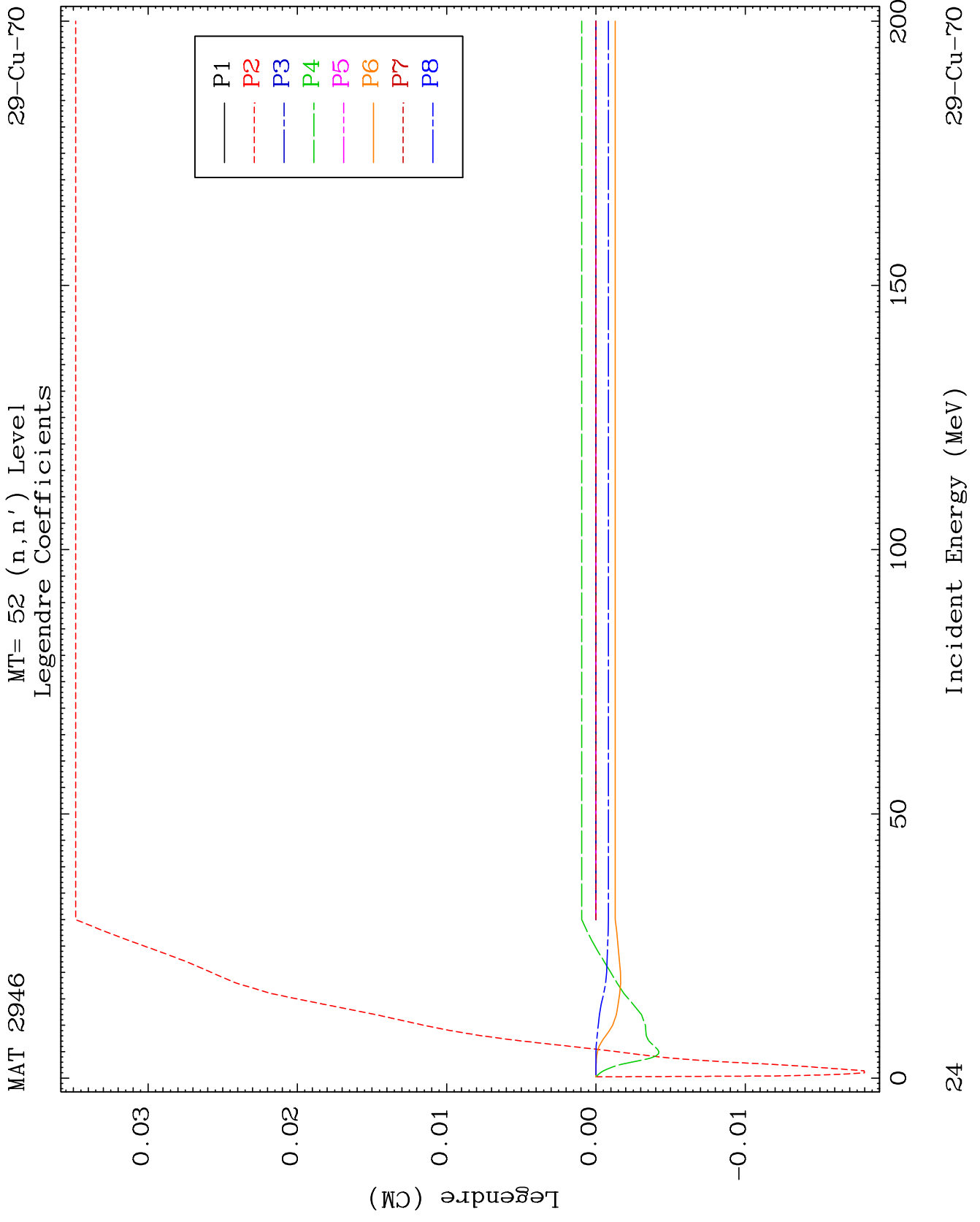
29-Cu-70

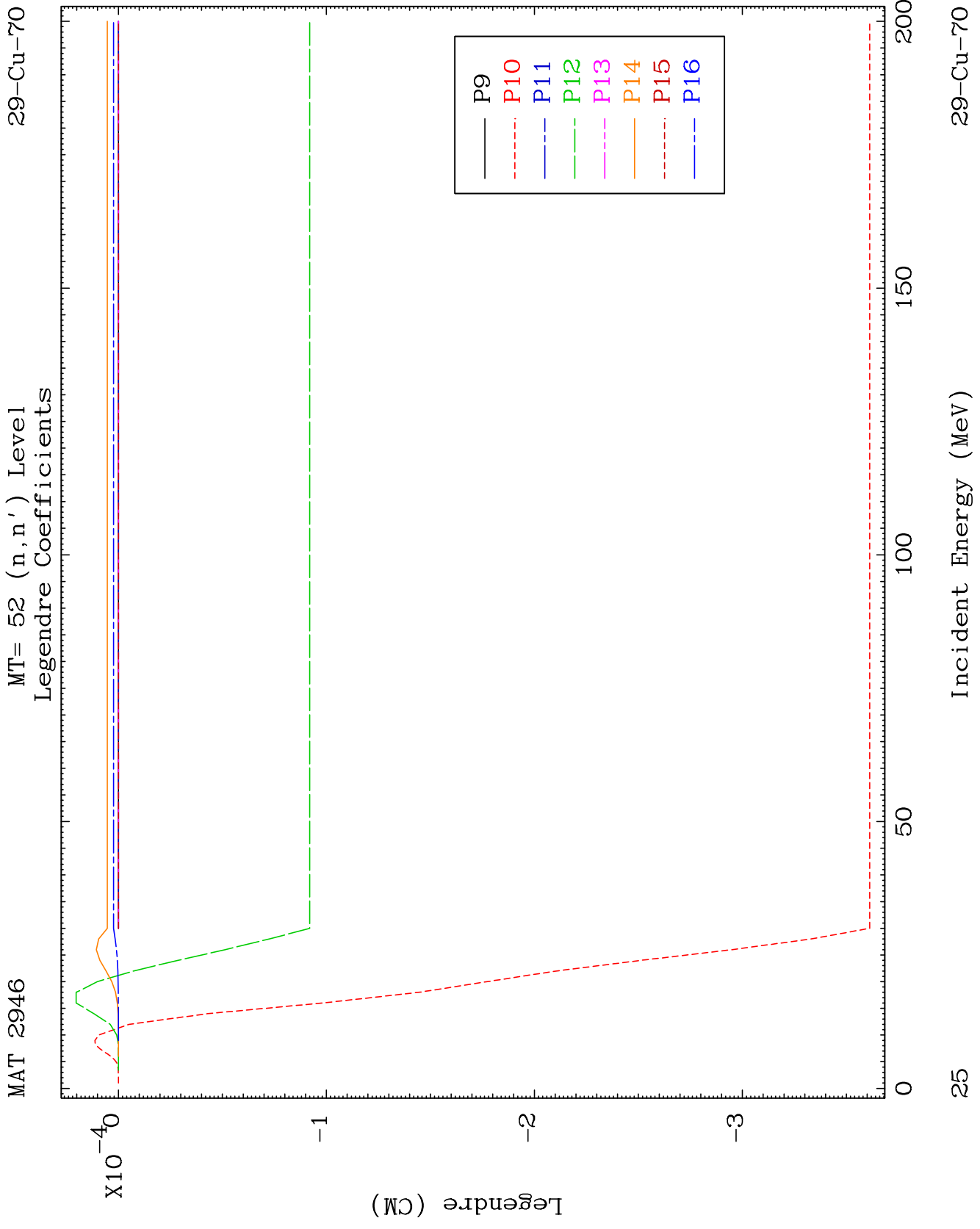


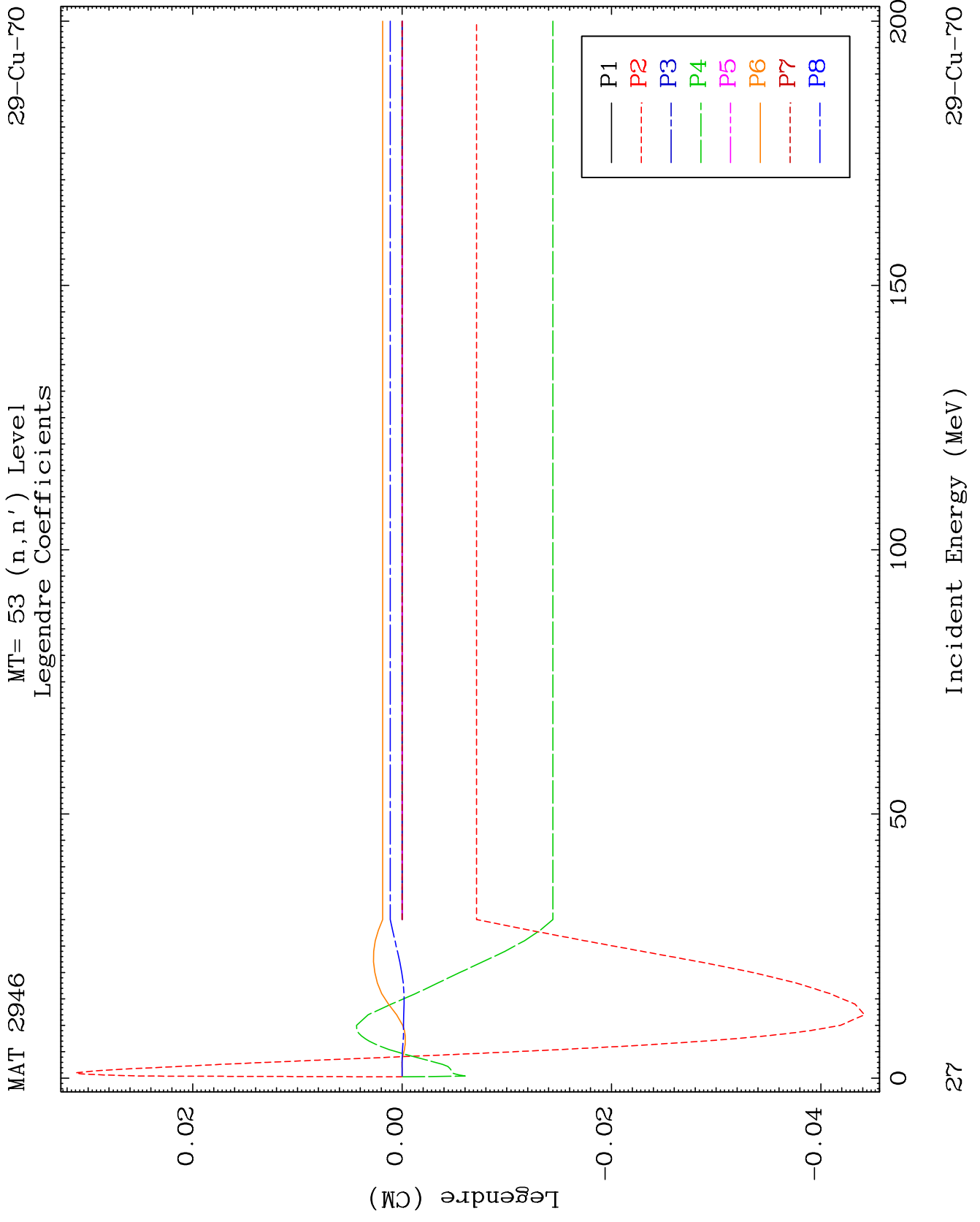


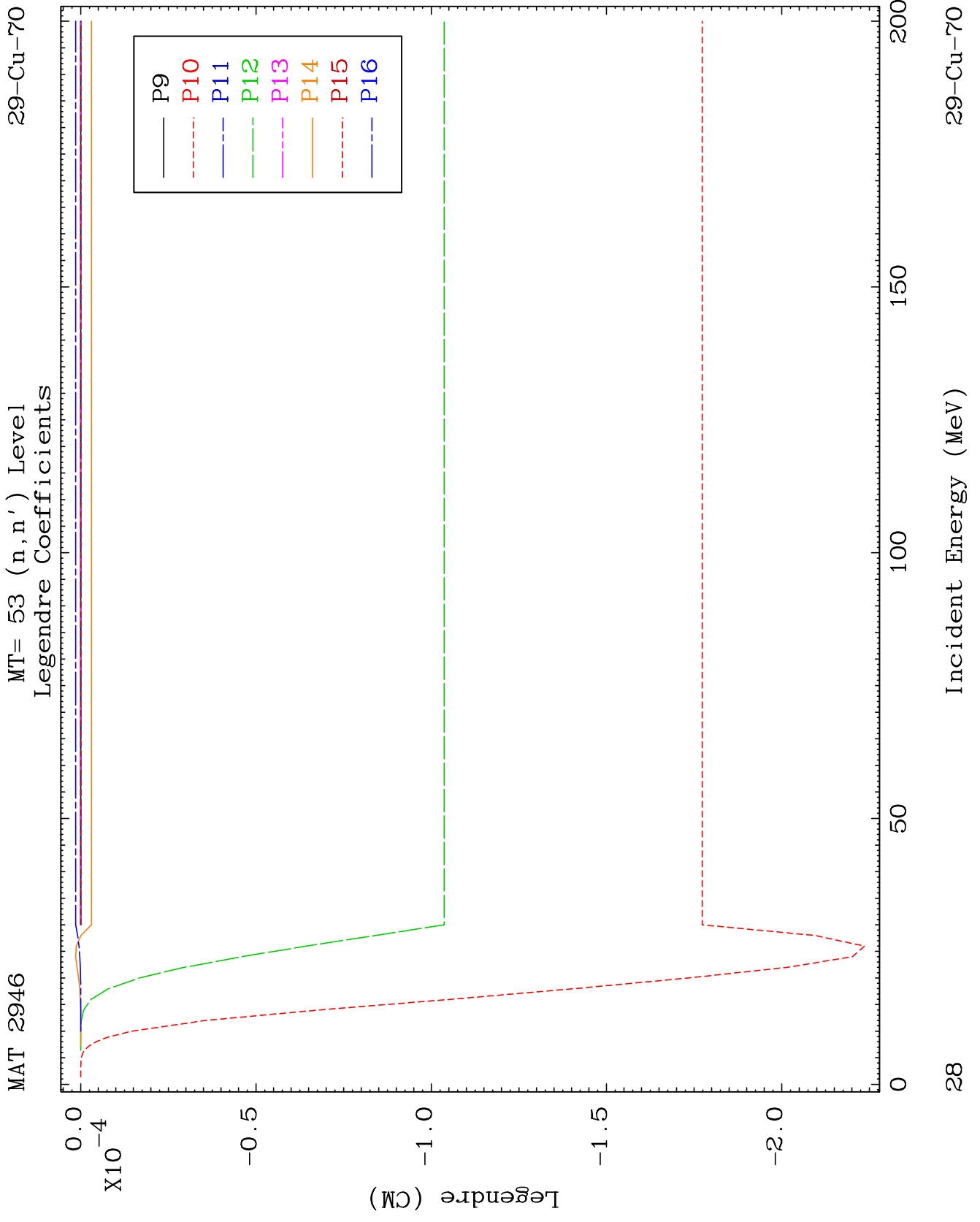


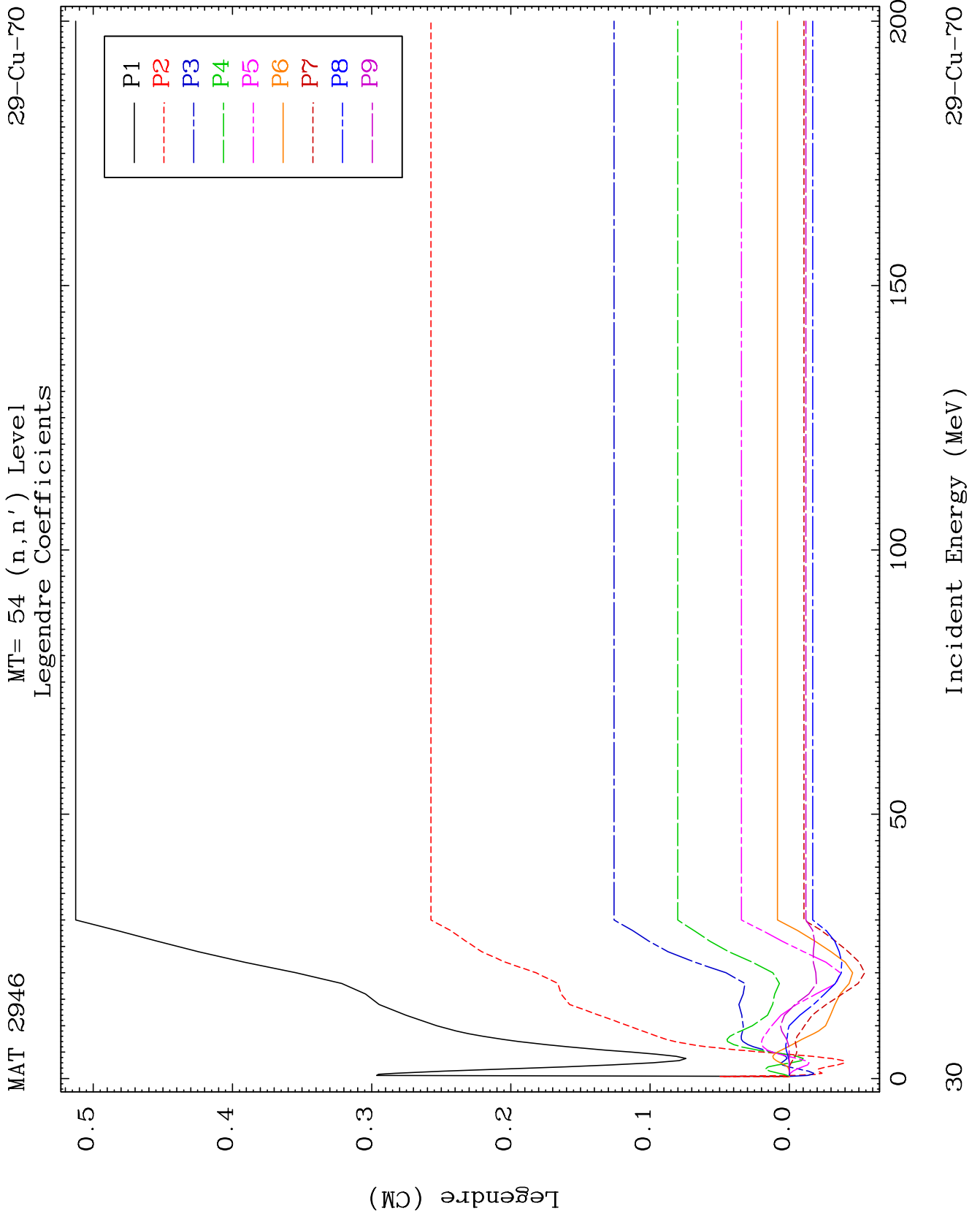








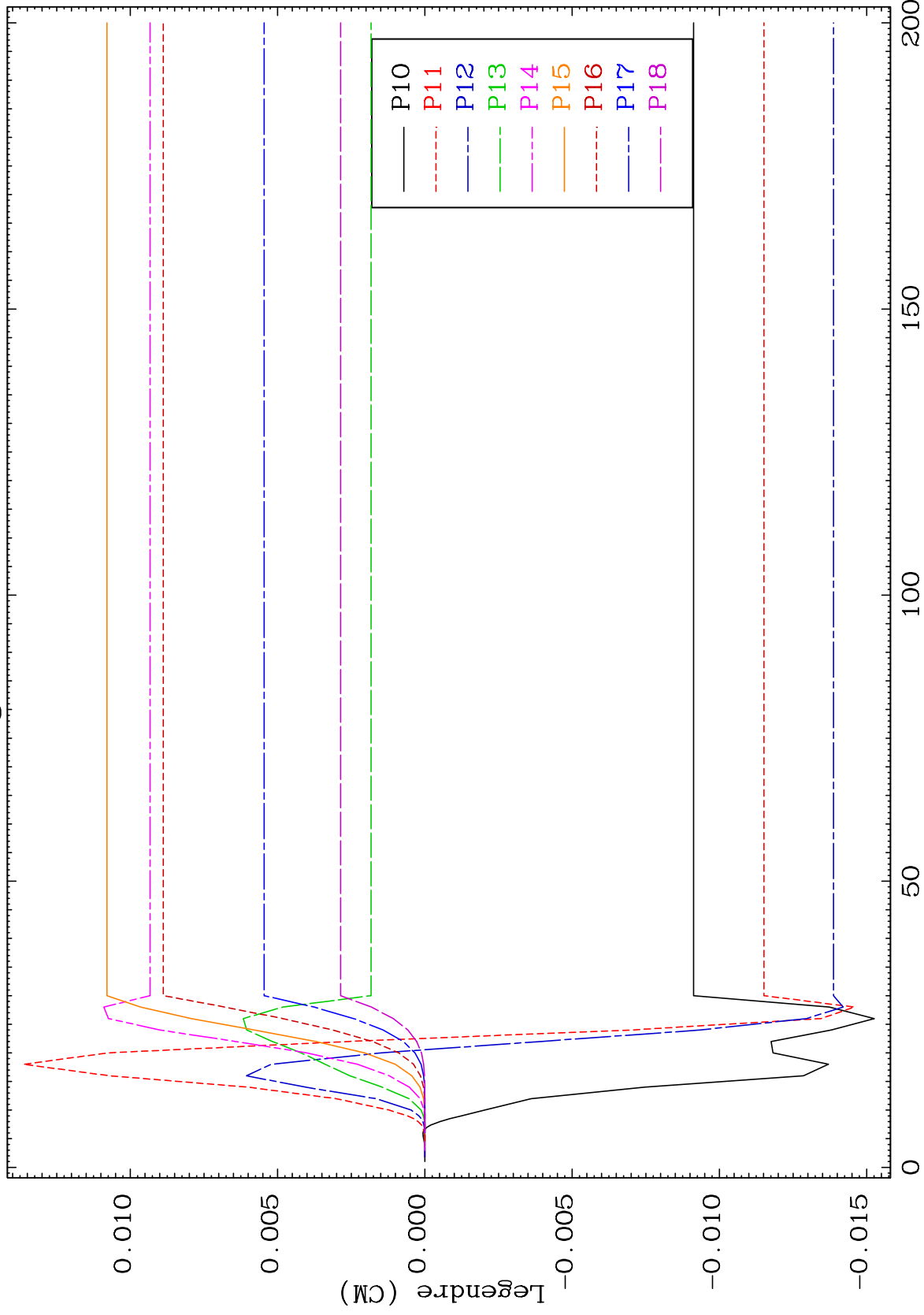




MAT 2946

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

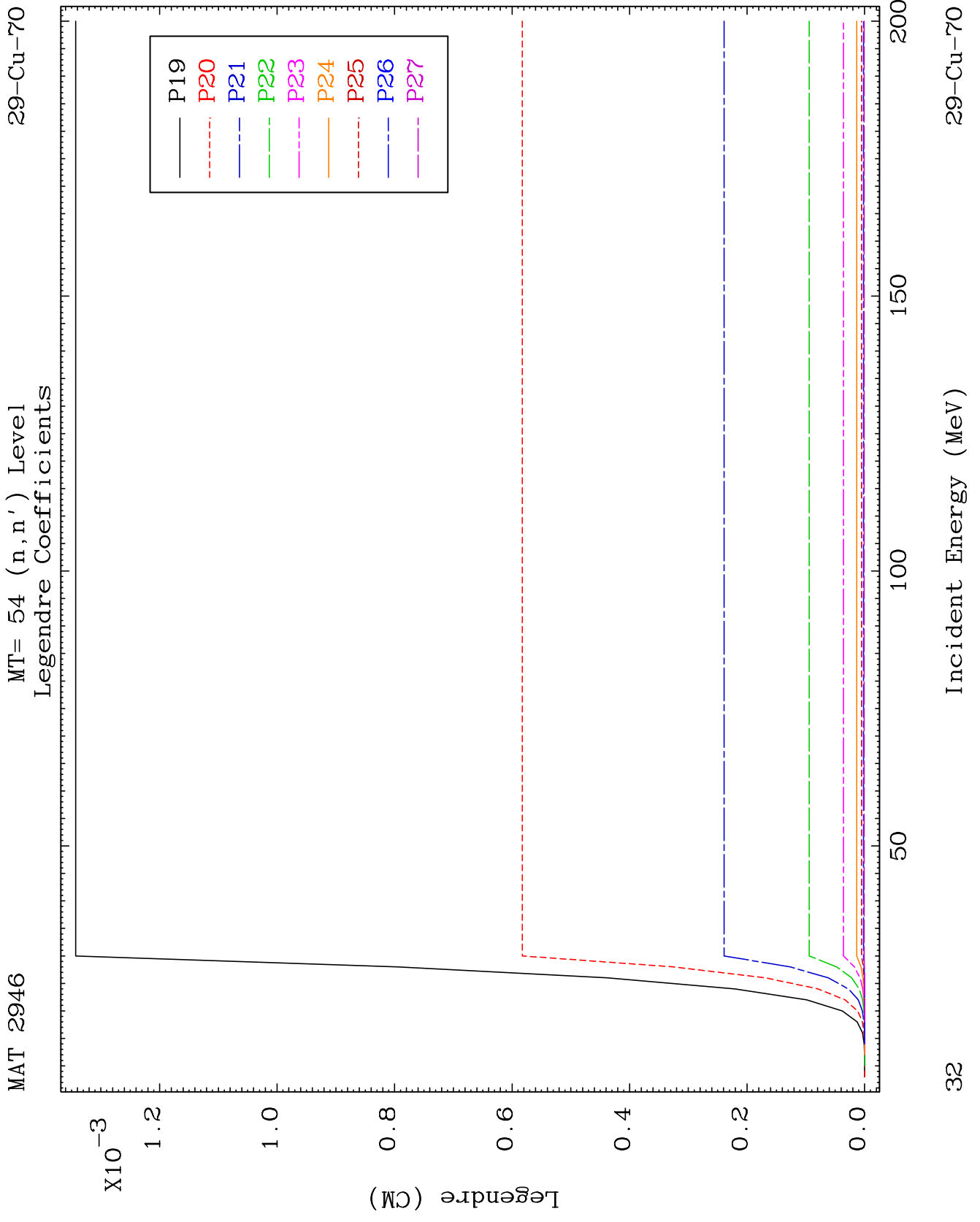
29-Cu-70



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Incident Energy (MeV)

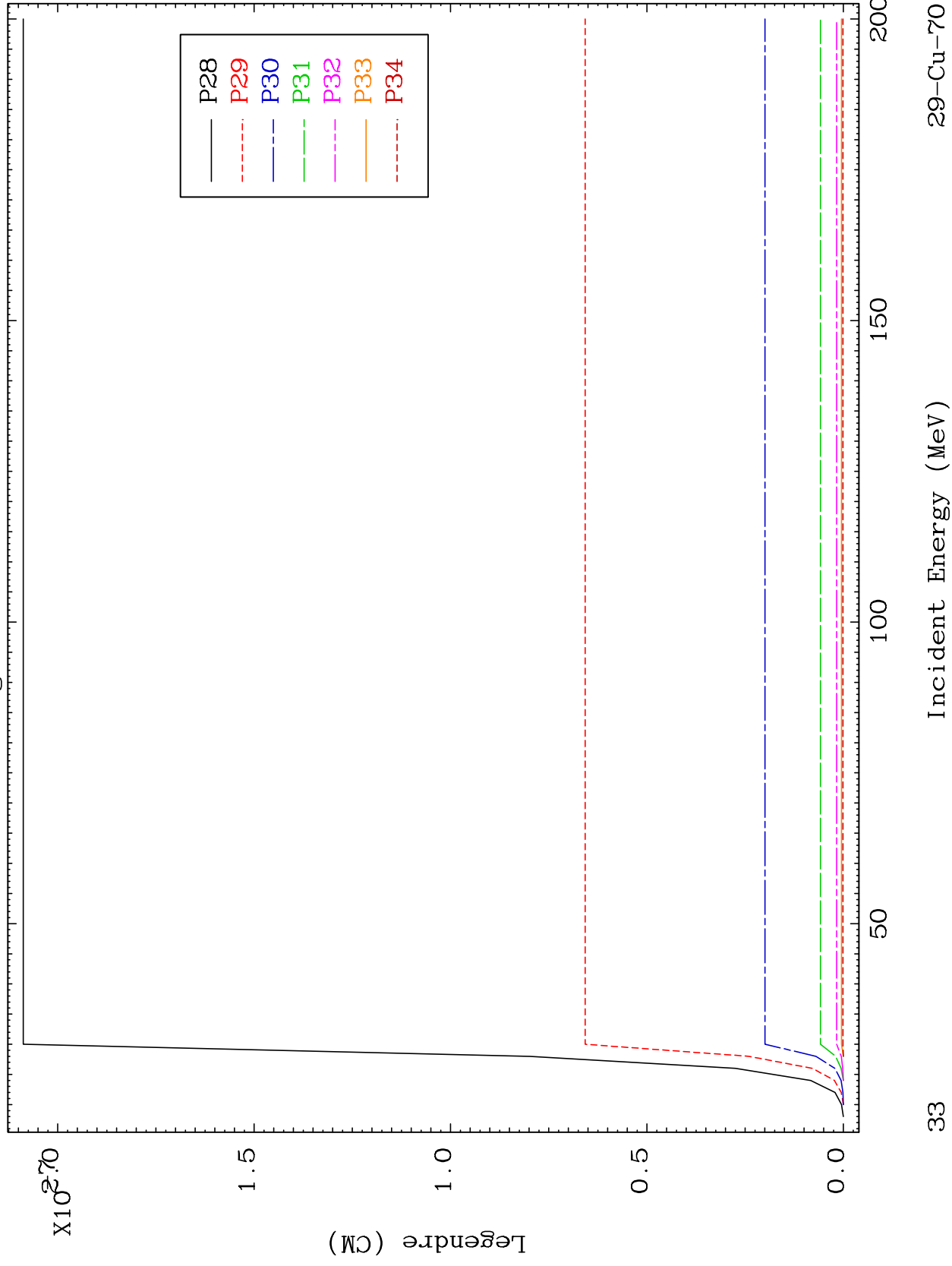
29-Cu-70



MAT 2946

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

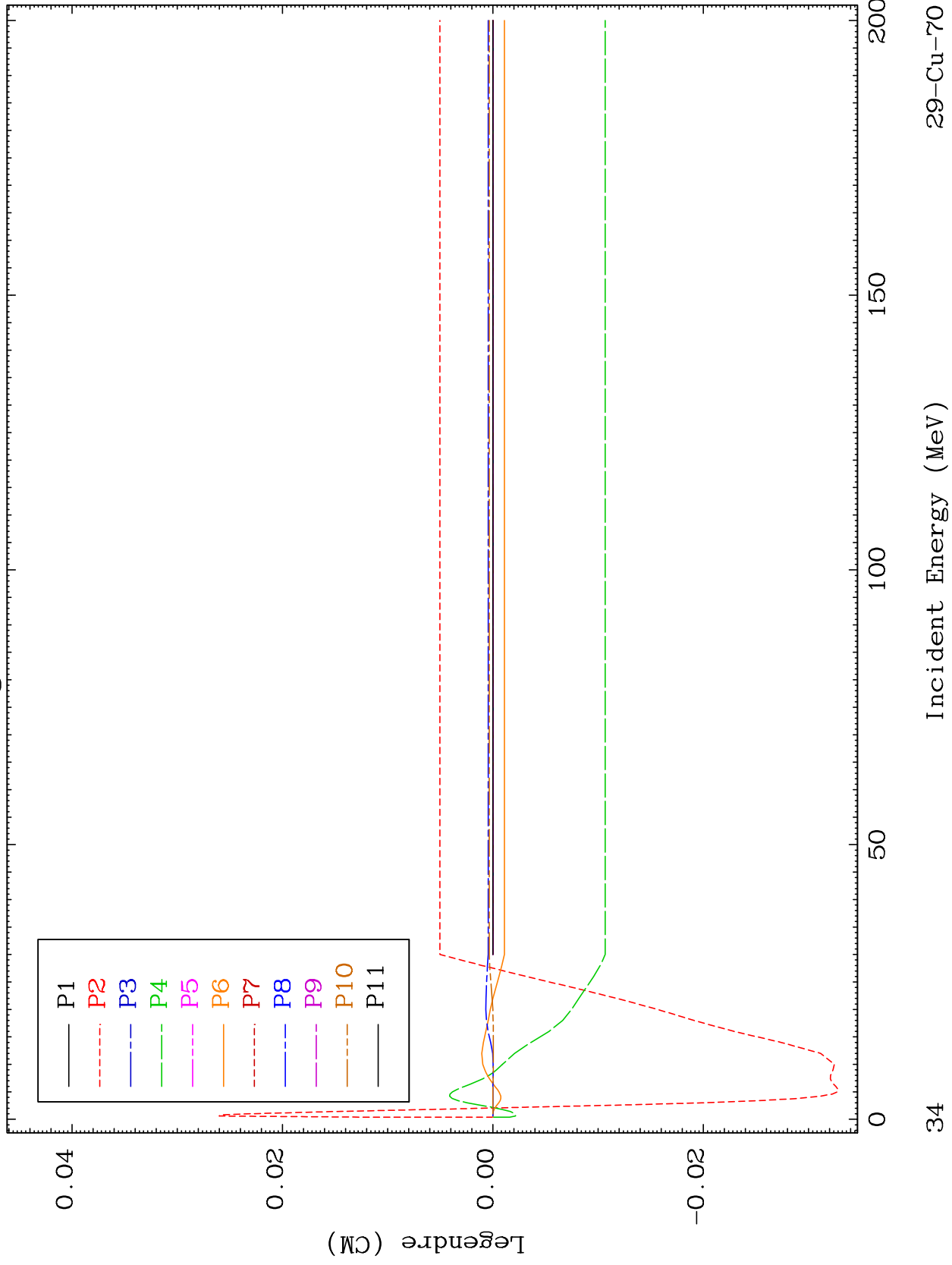
29-Cu-70



MAT 2946

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

29-Cu-70



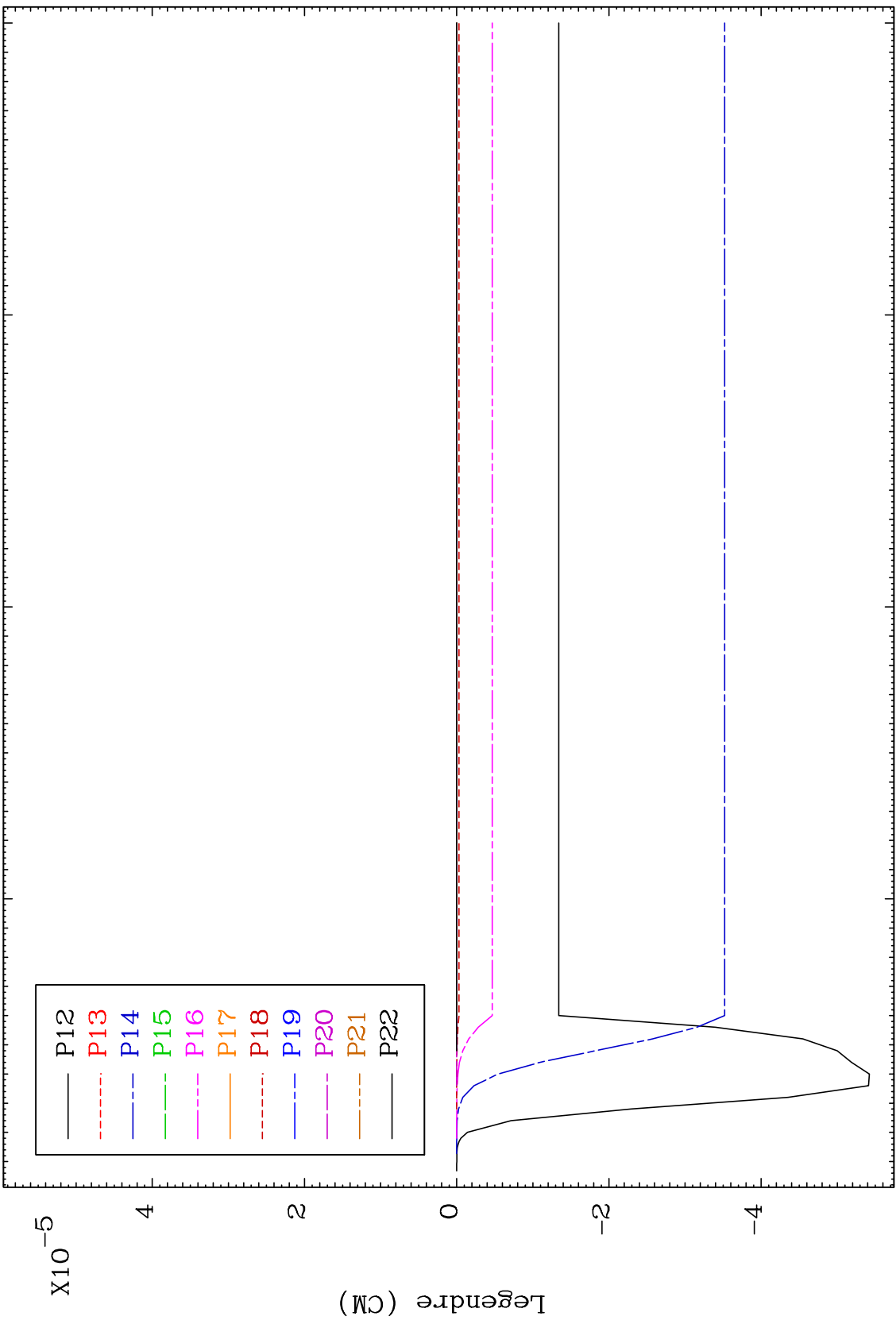
34

29-Cu-70

MAT 2946

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

29-Cu-70



35

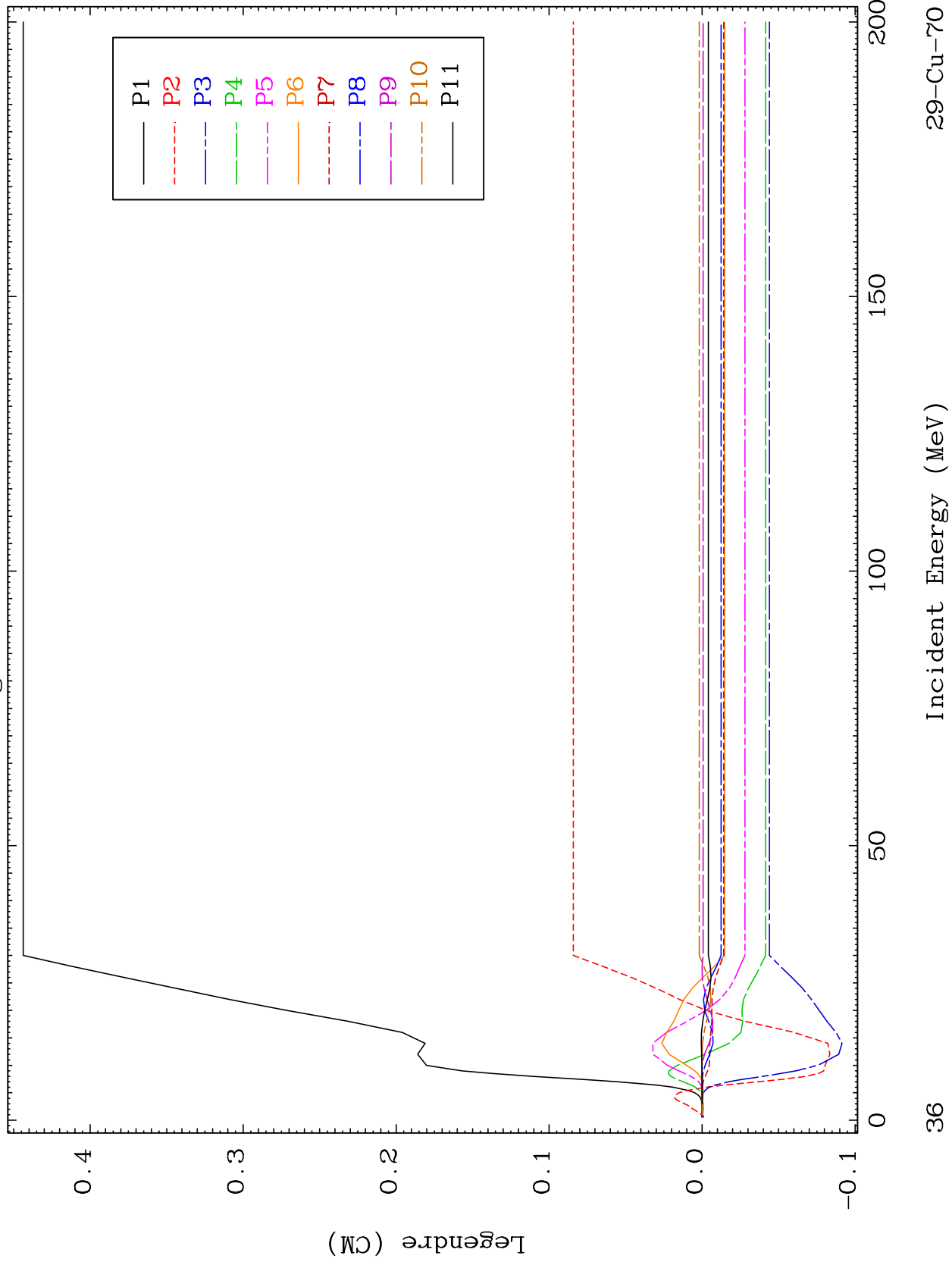
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

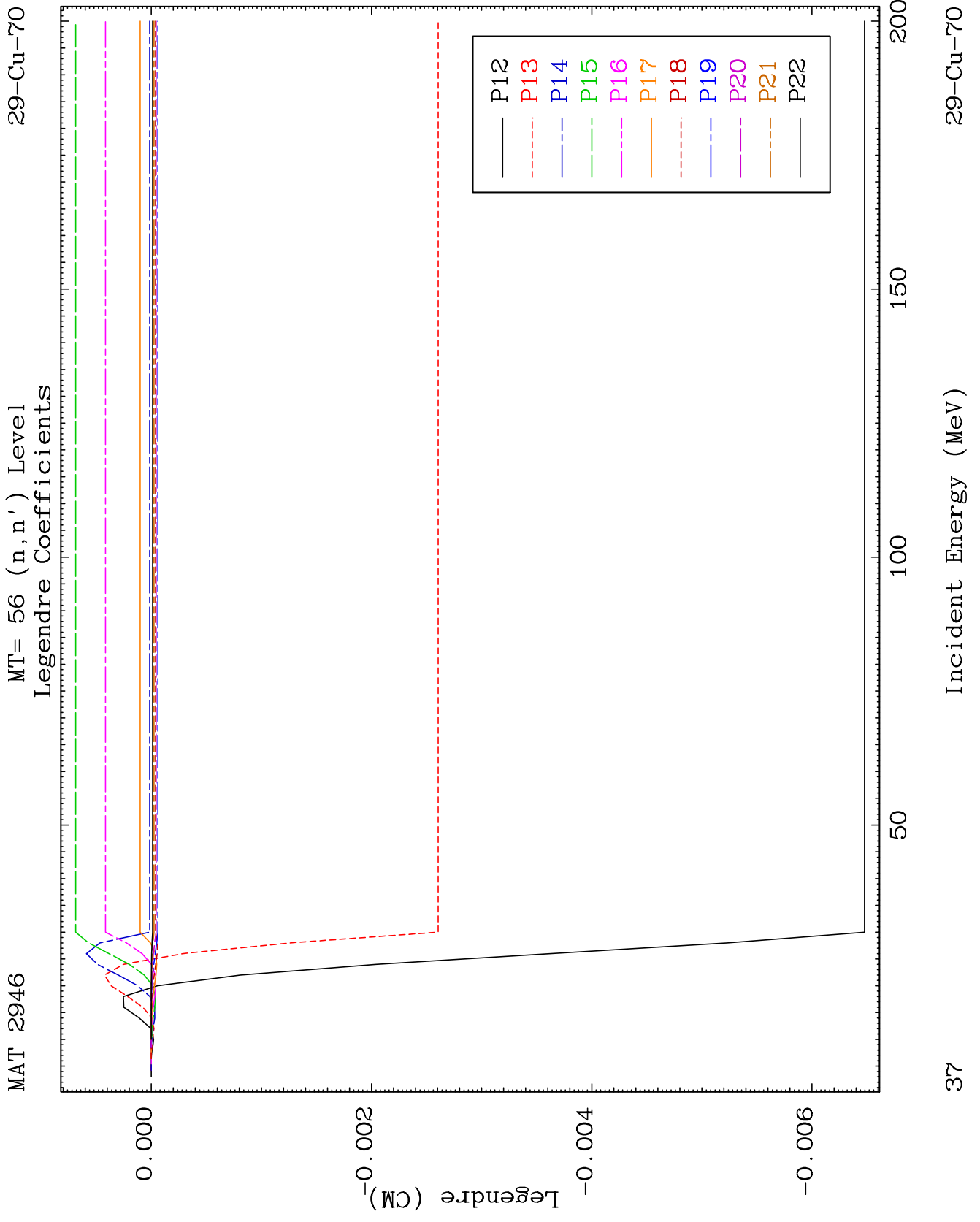
29-Cu-70

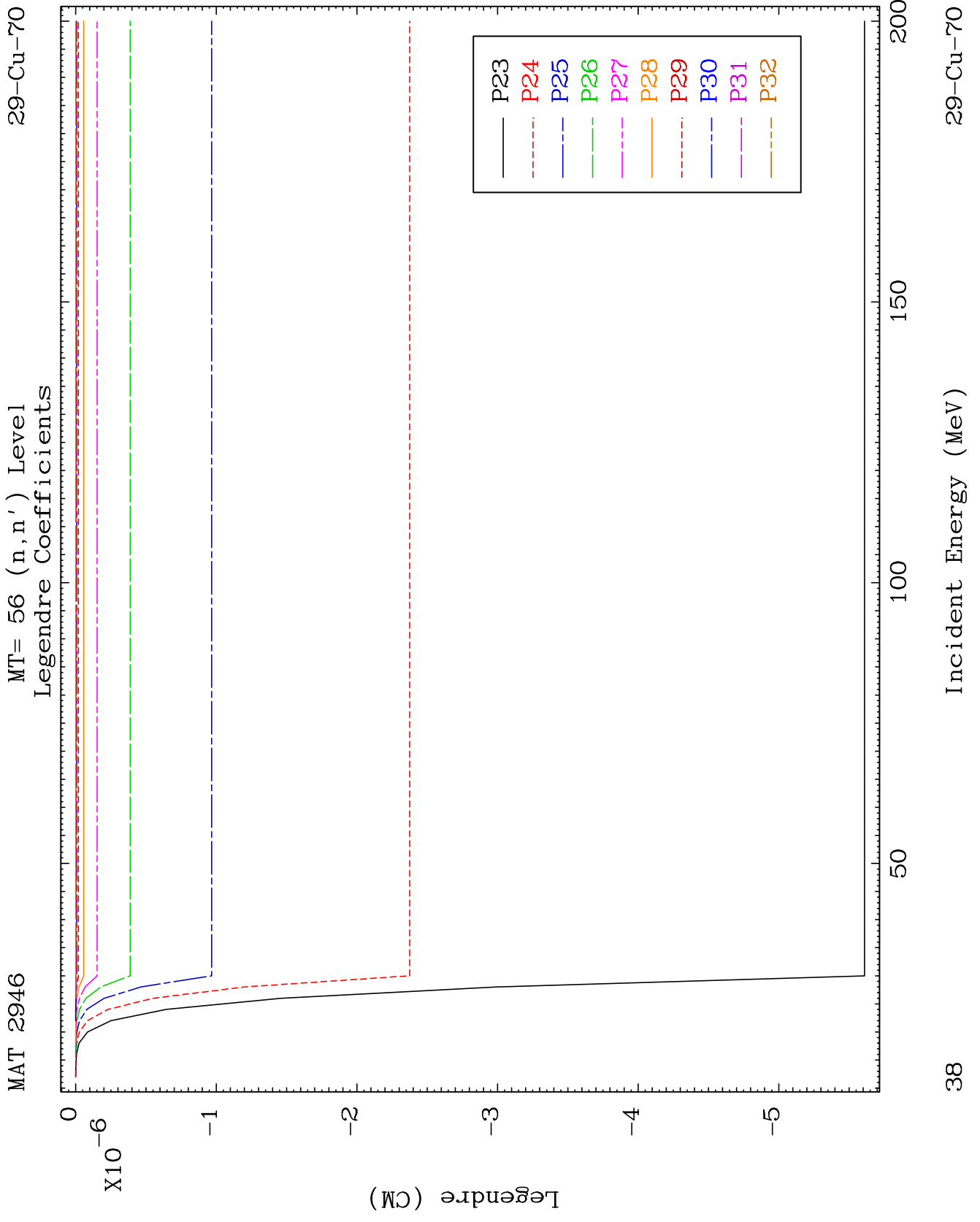


36

Incident Energy (MeV)

29-Cu-70

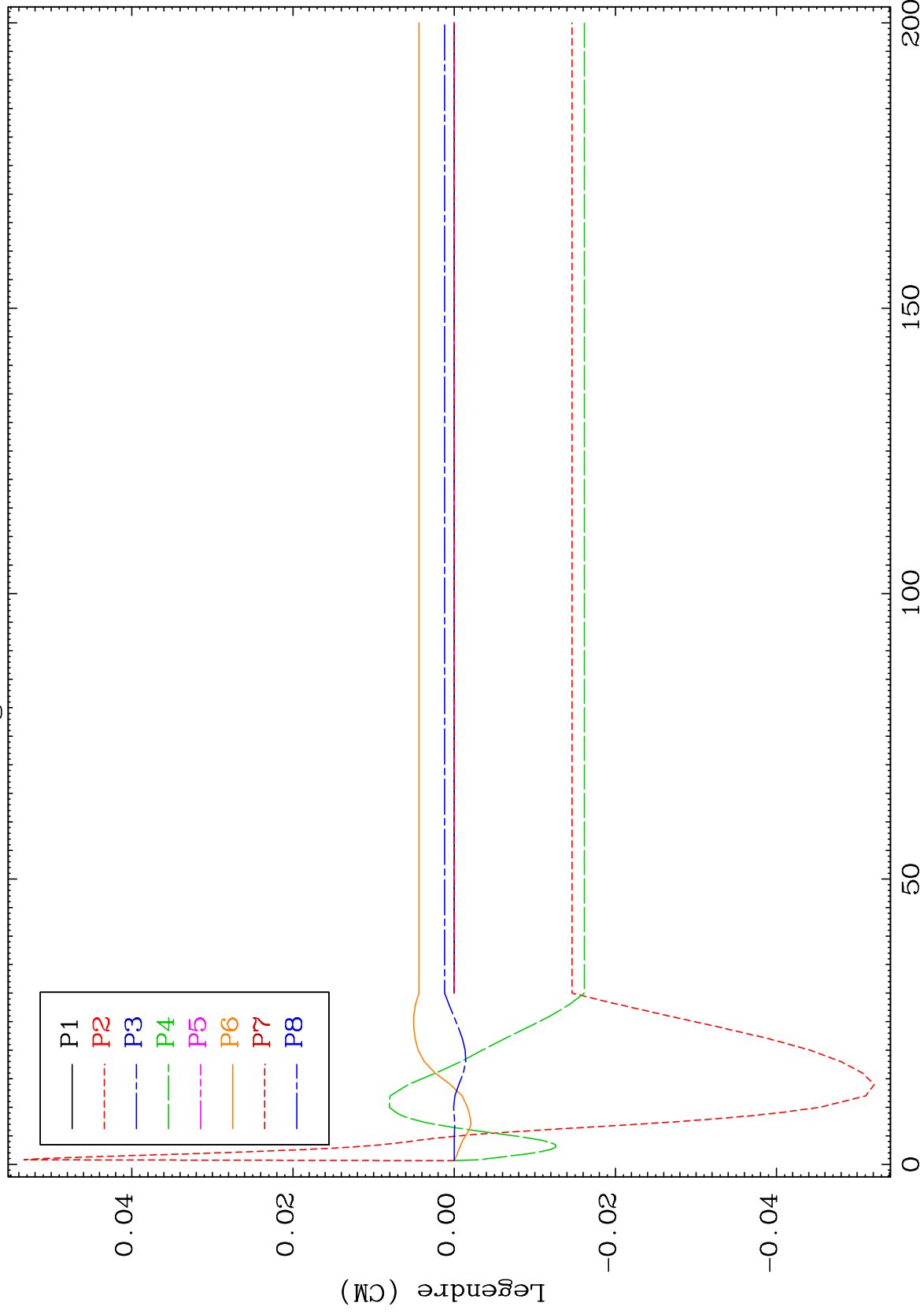




MAT 2946

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

29-Cu-70



39

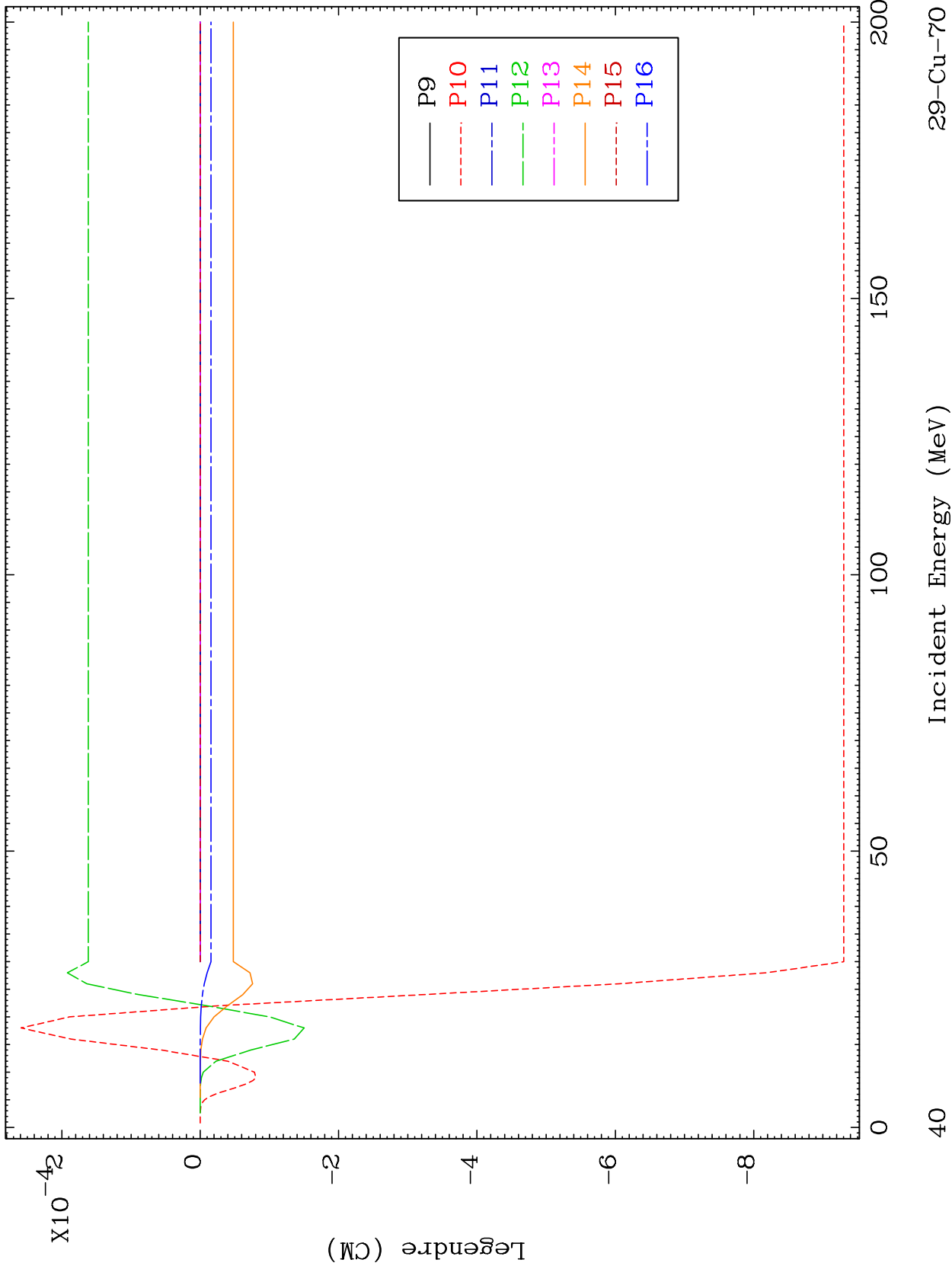
Incident Energy (MeV)

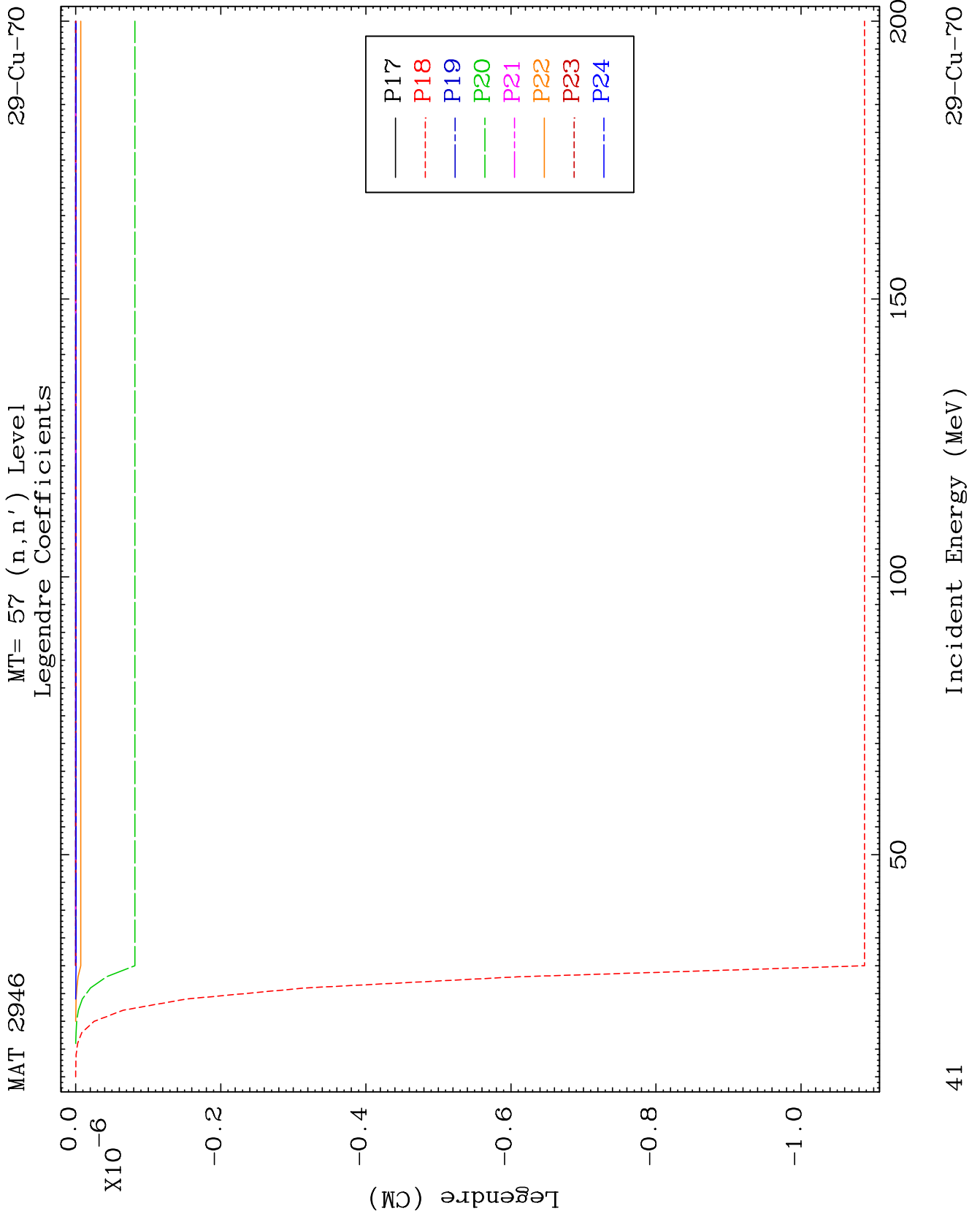
29-Cu-70

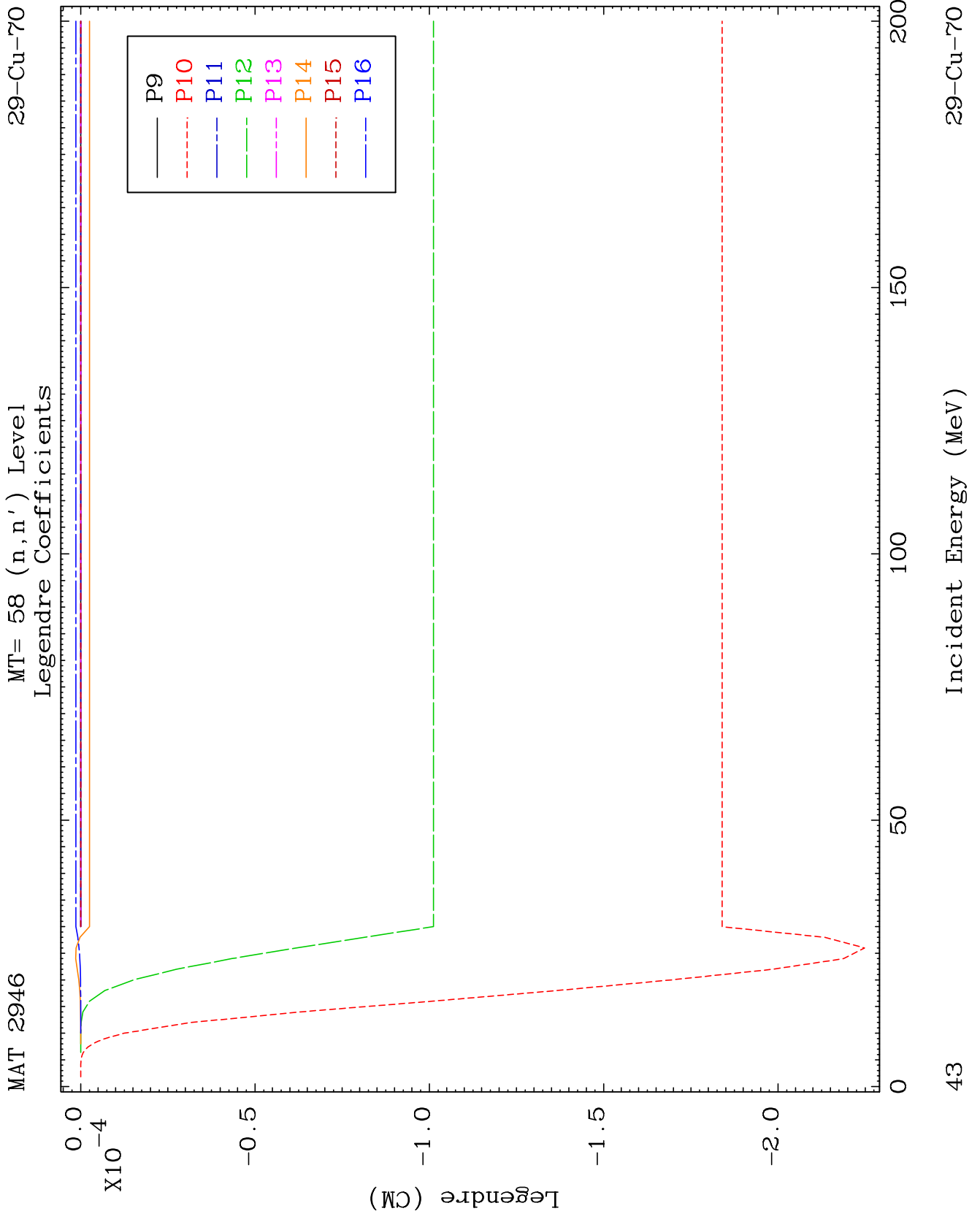
MAT 2946

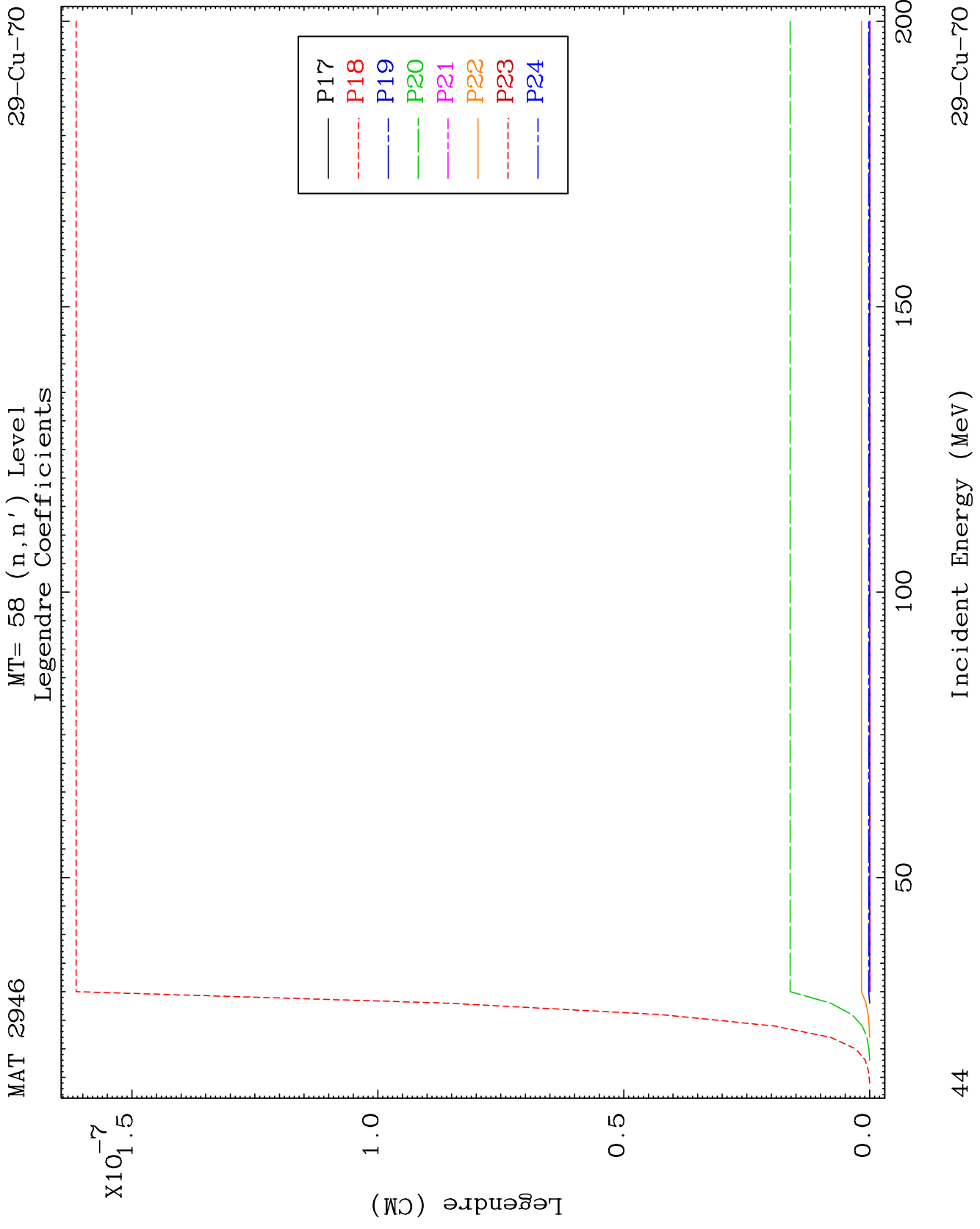
MT= 57 (n,n') Level
Legendre Coefficients

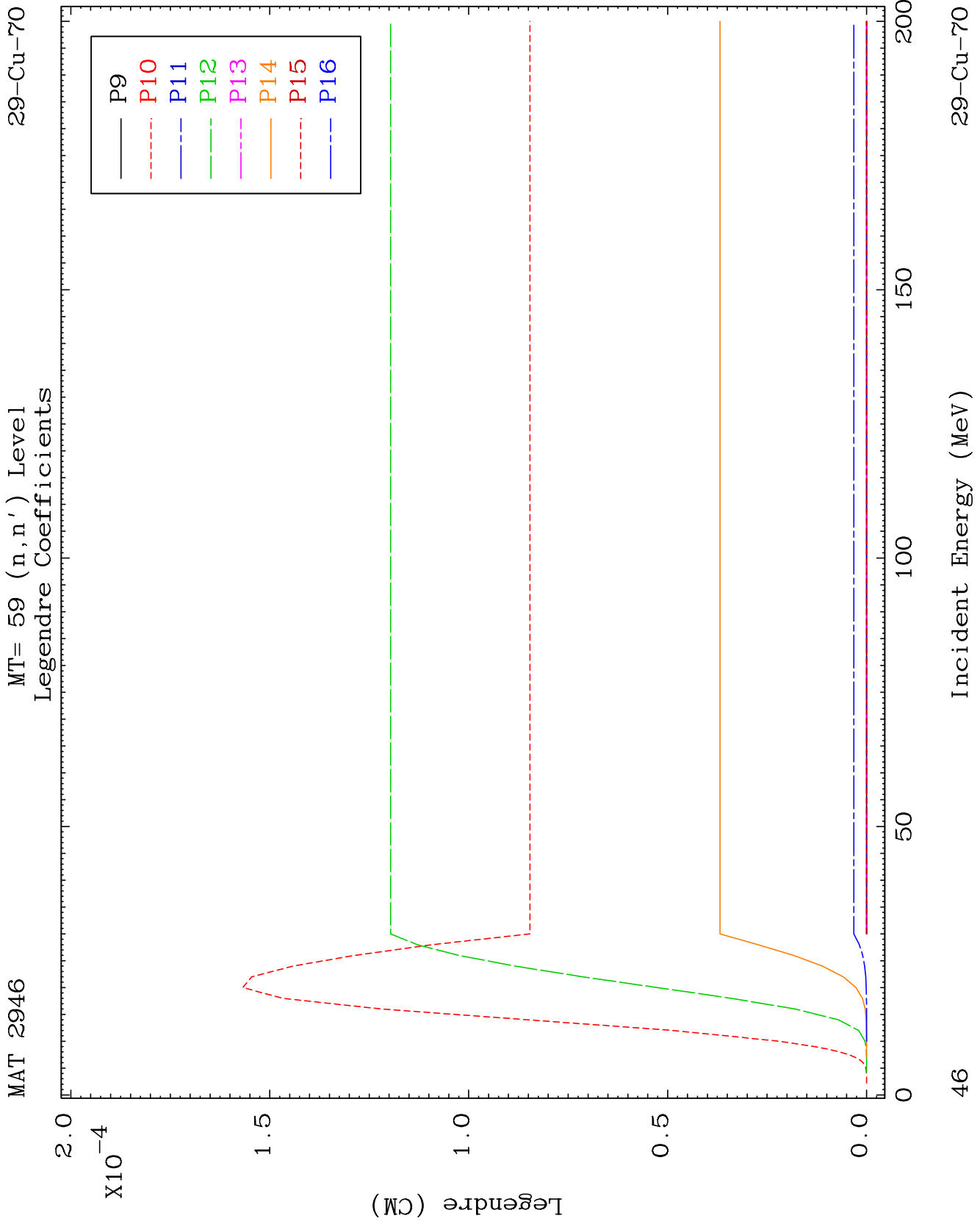
29-Cu-70

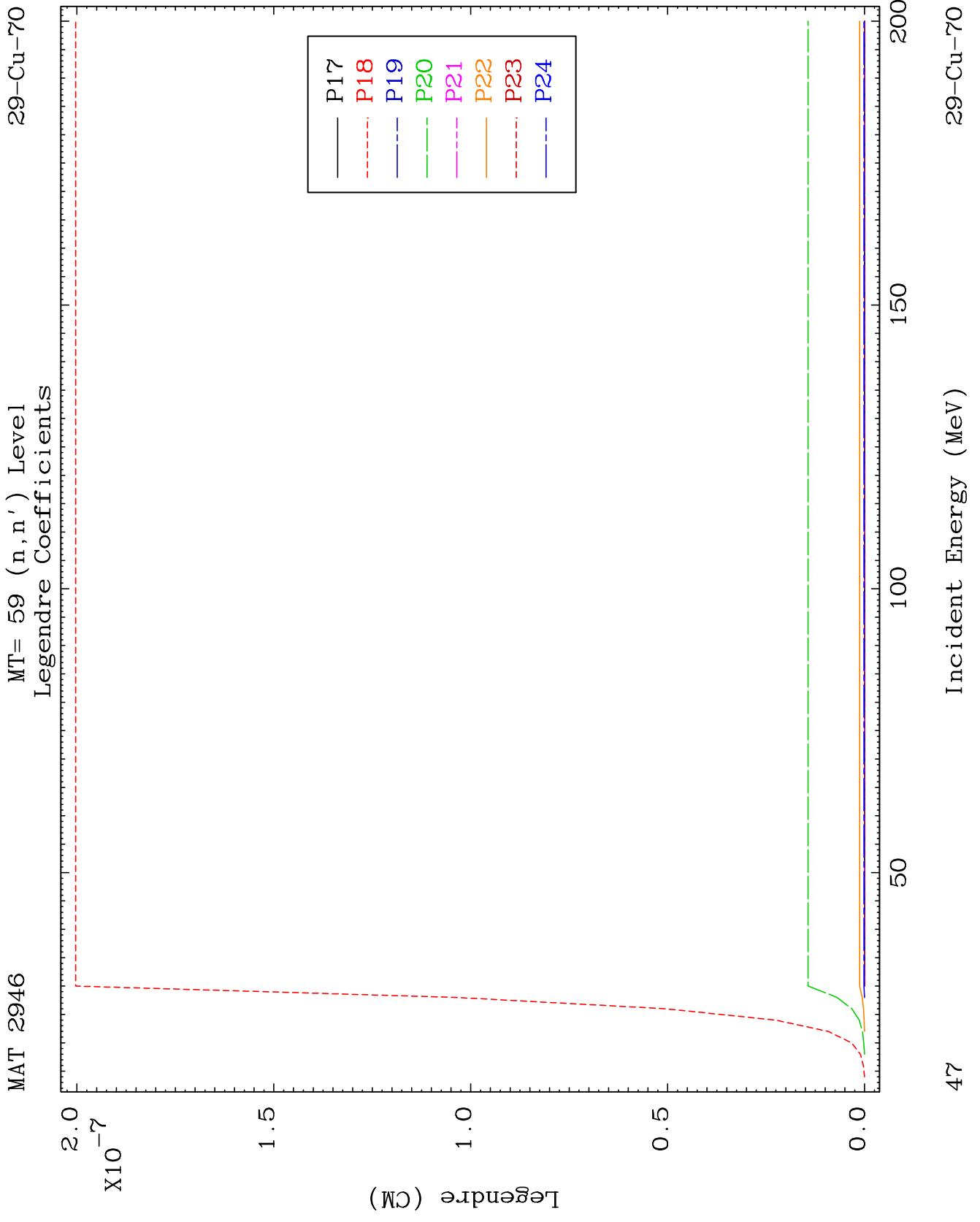


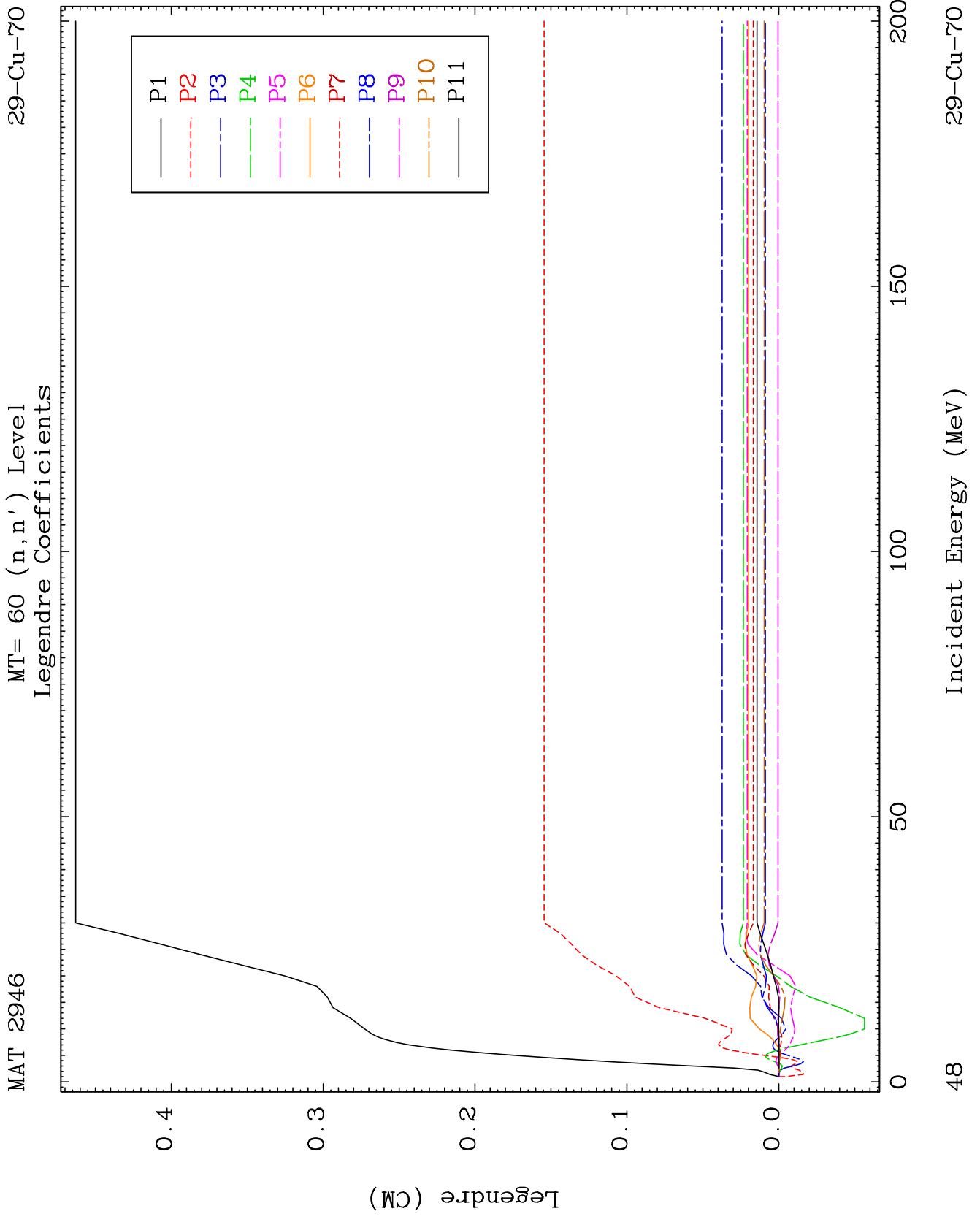








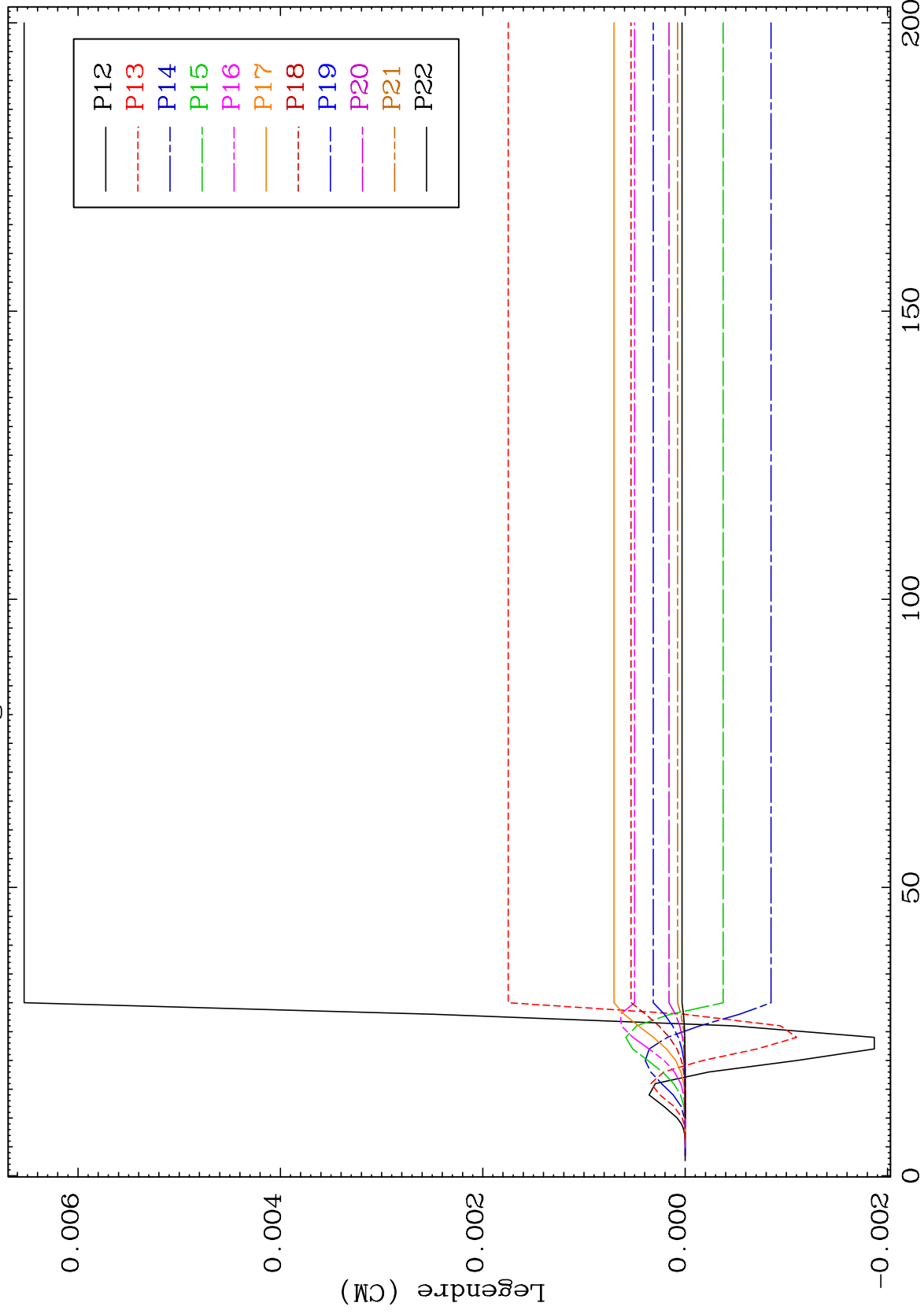




MAT 2946

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

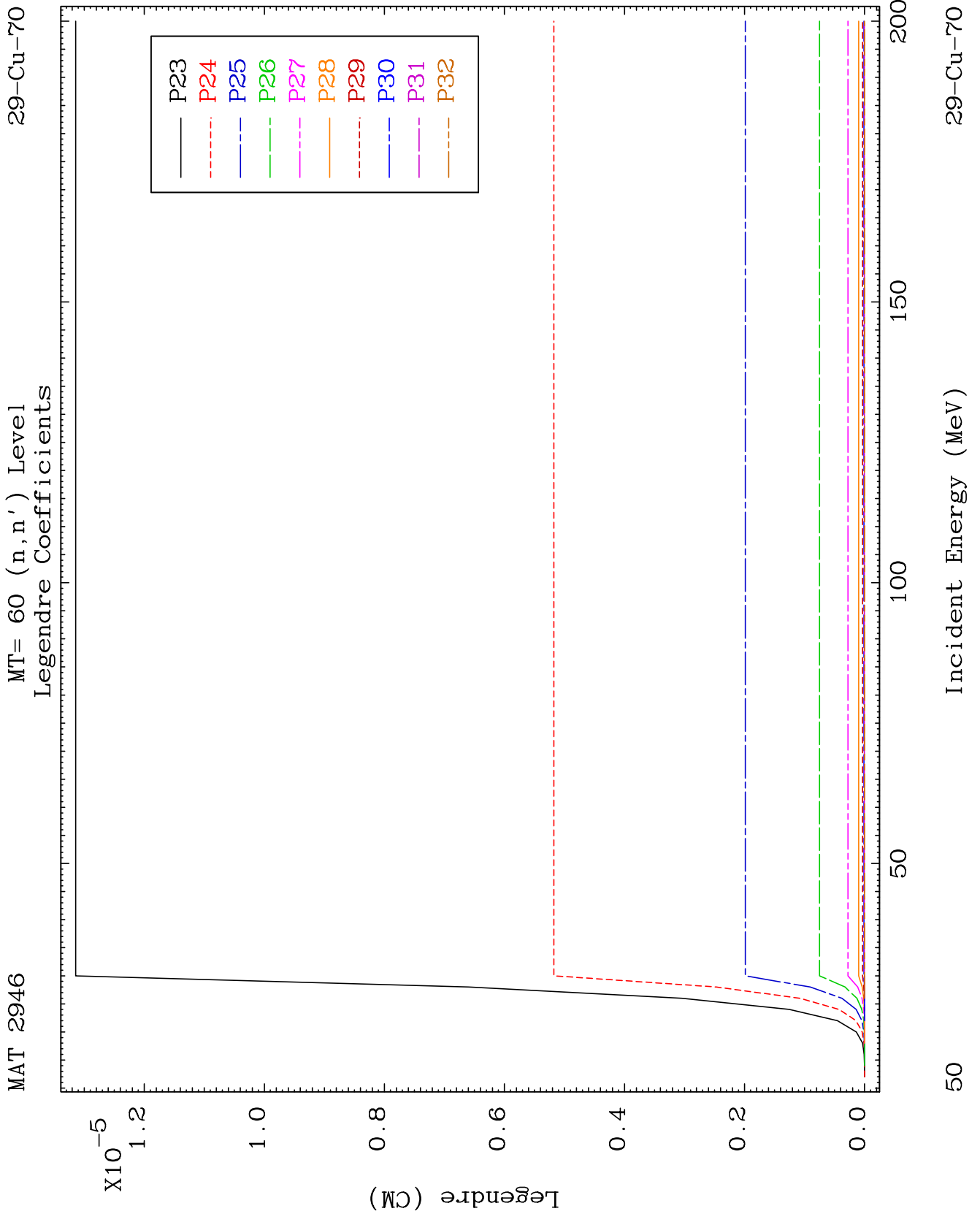
29-Cu-70

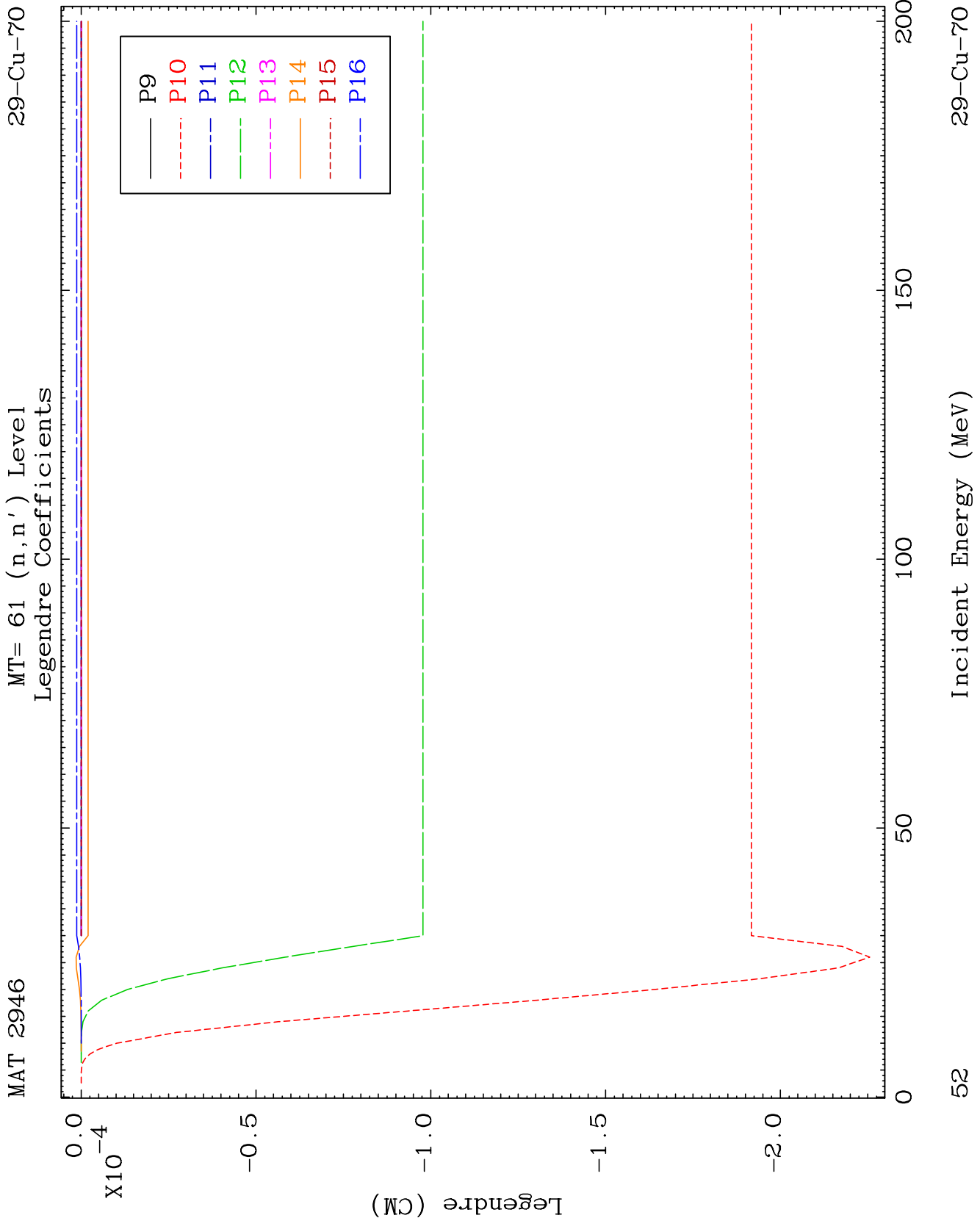


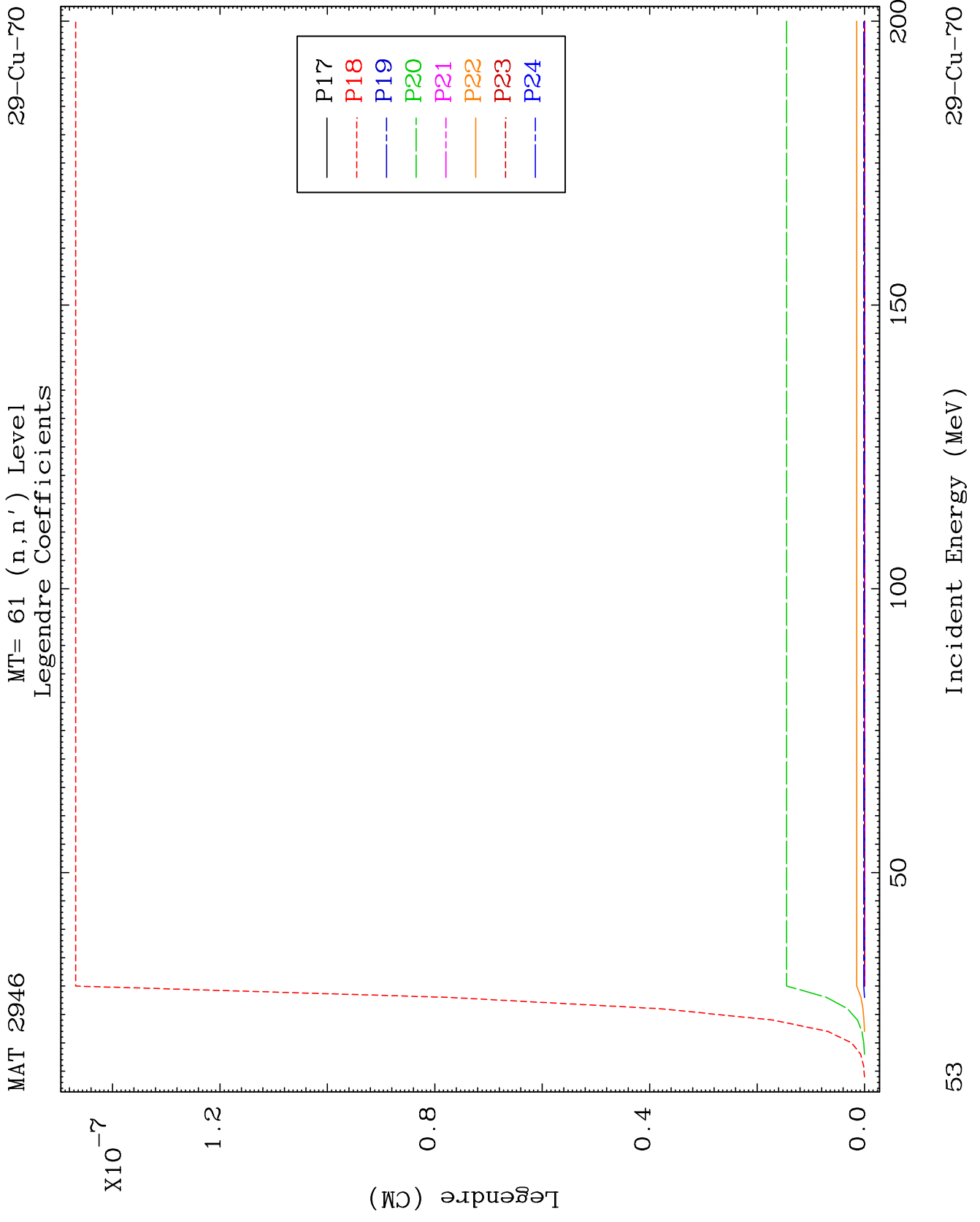
49

Incident Energy (MeV)

29-Cu-70



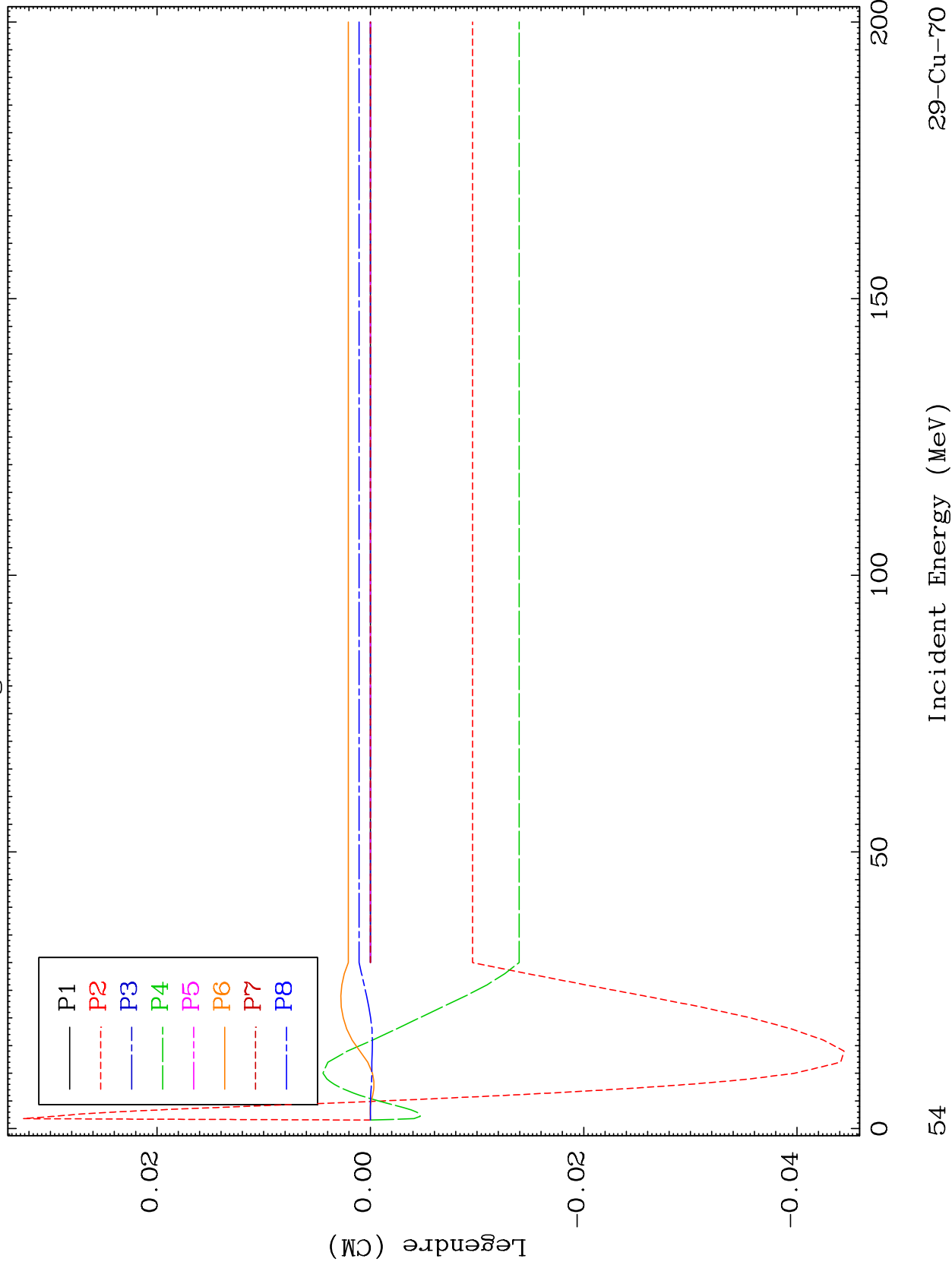




MAT 2946

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

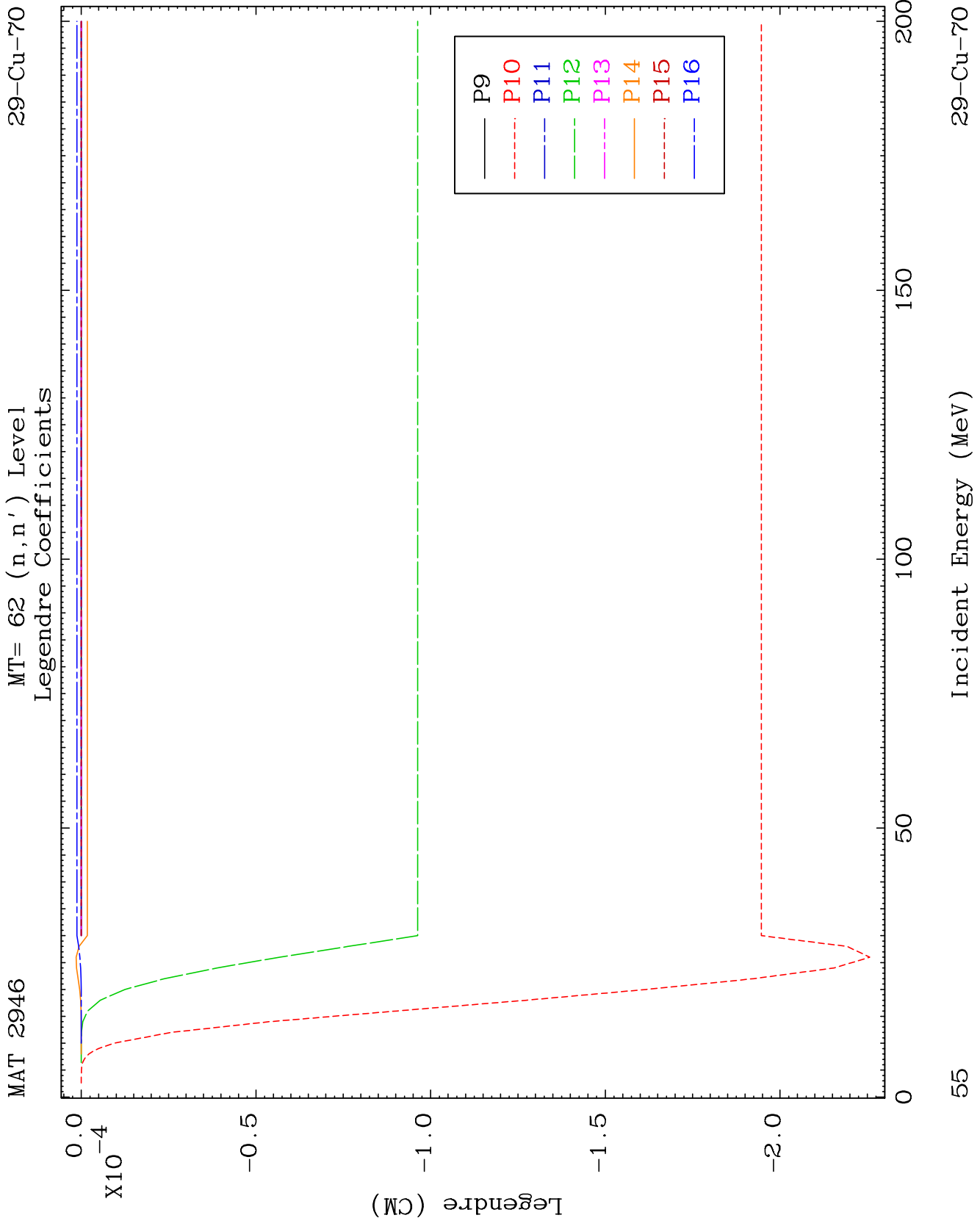
29-Cu-70

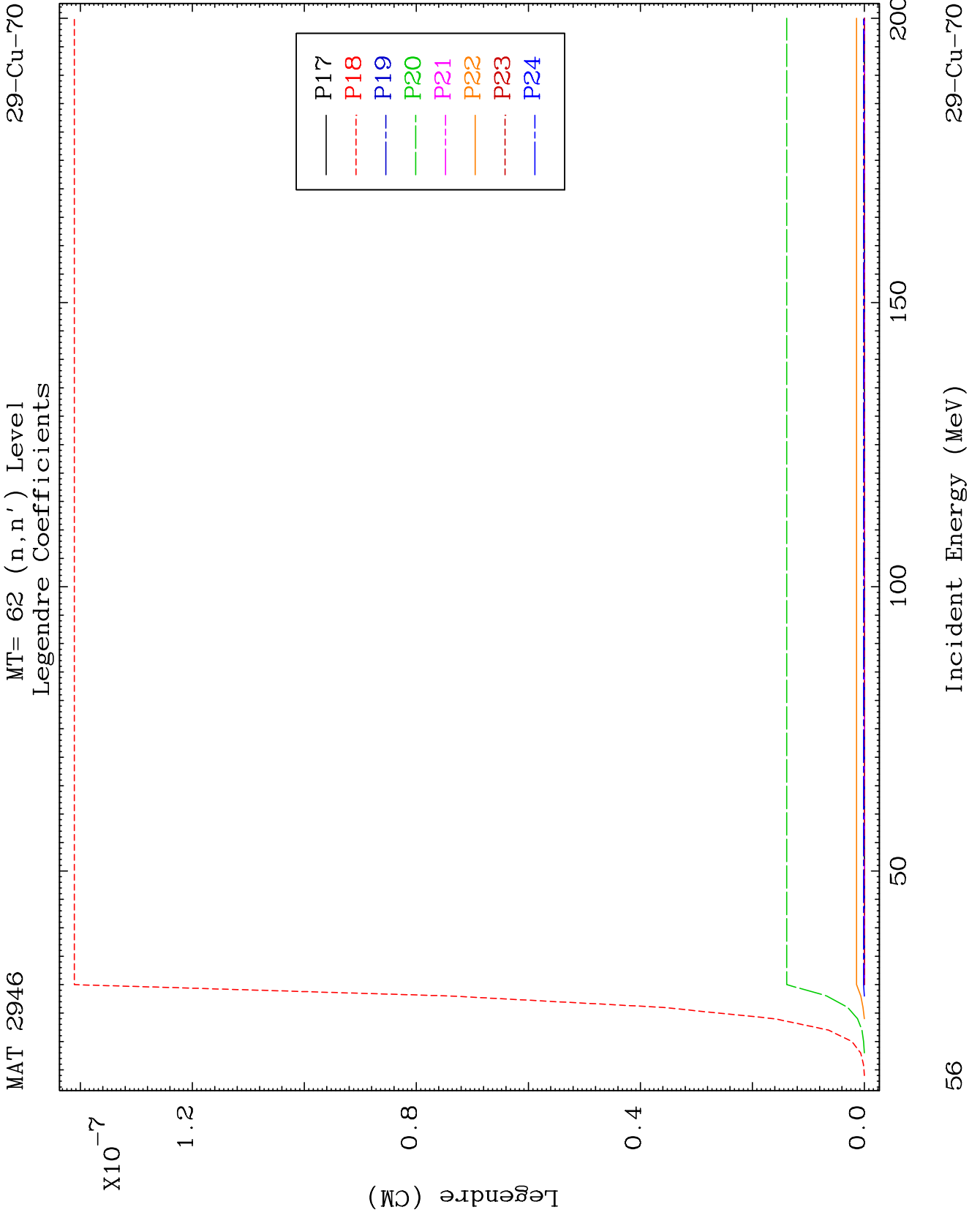


54

Incident Energy (MeV)

29-Cu-70

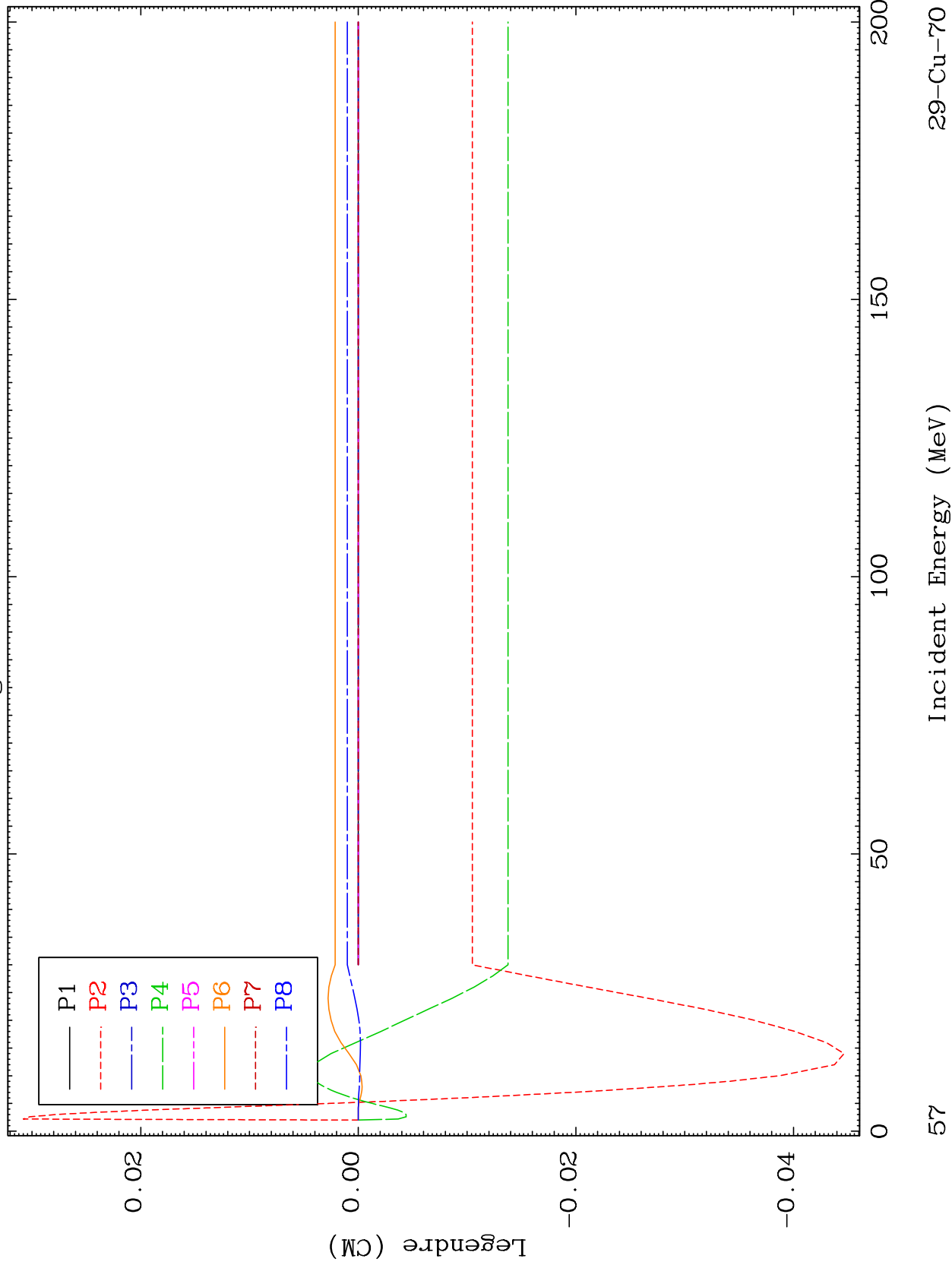




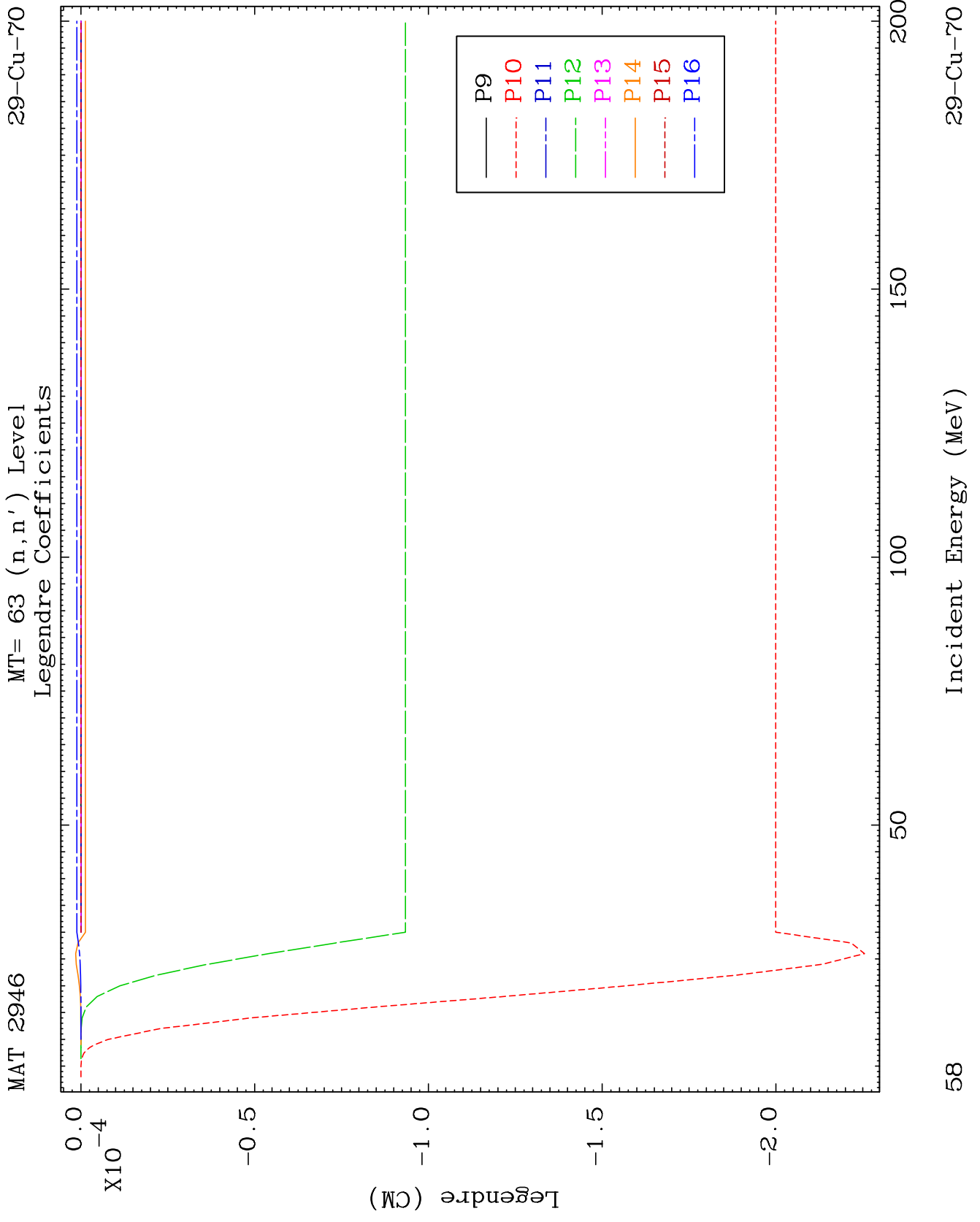
MAT 2946

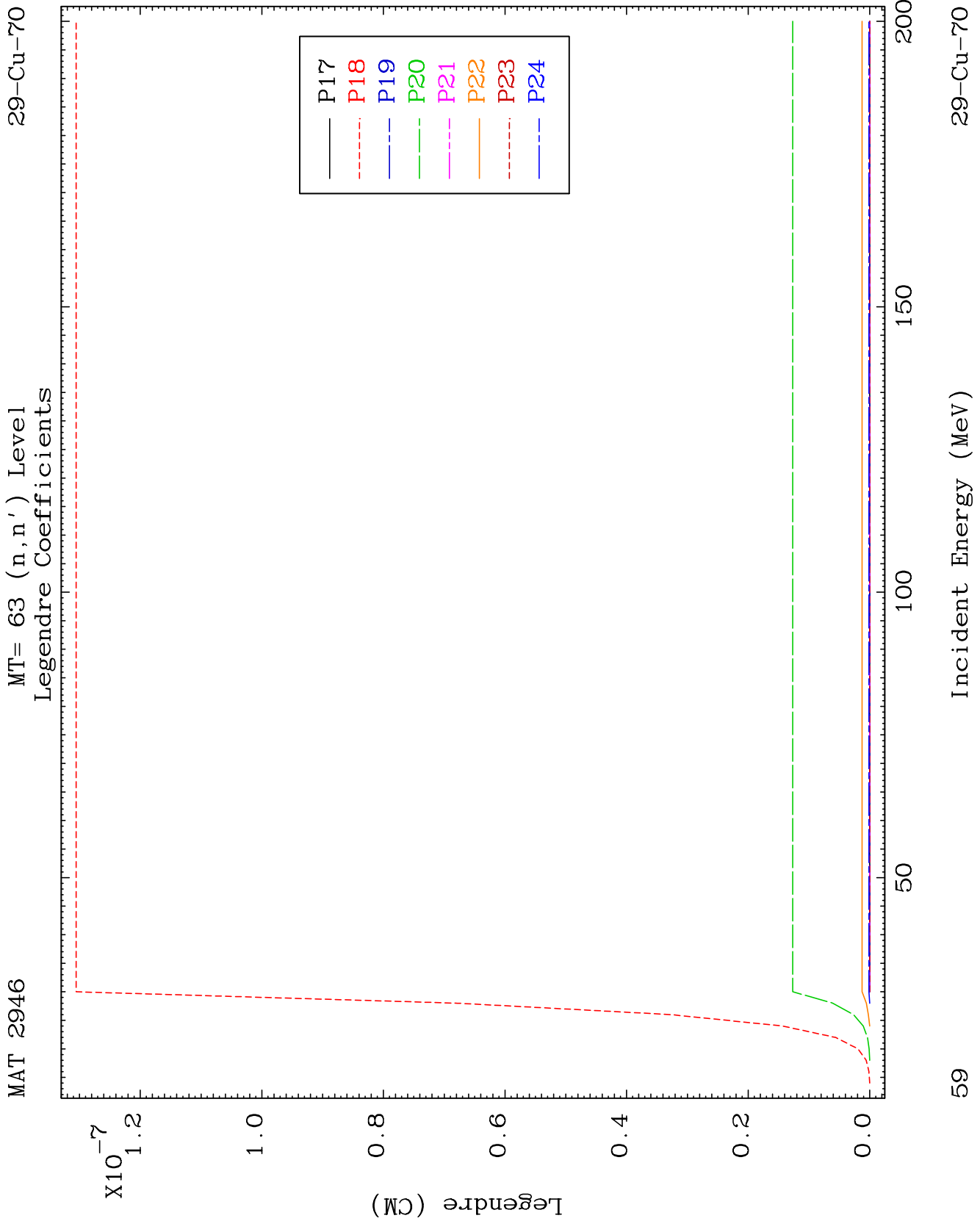
MT= 63 (n,n') Level
Legendre Coefficients

29-Cu-70



57

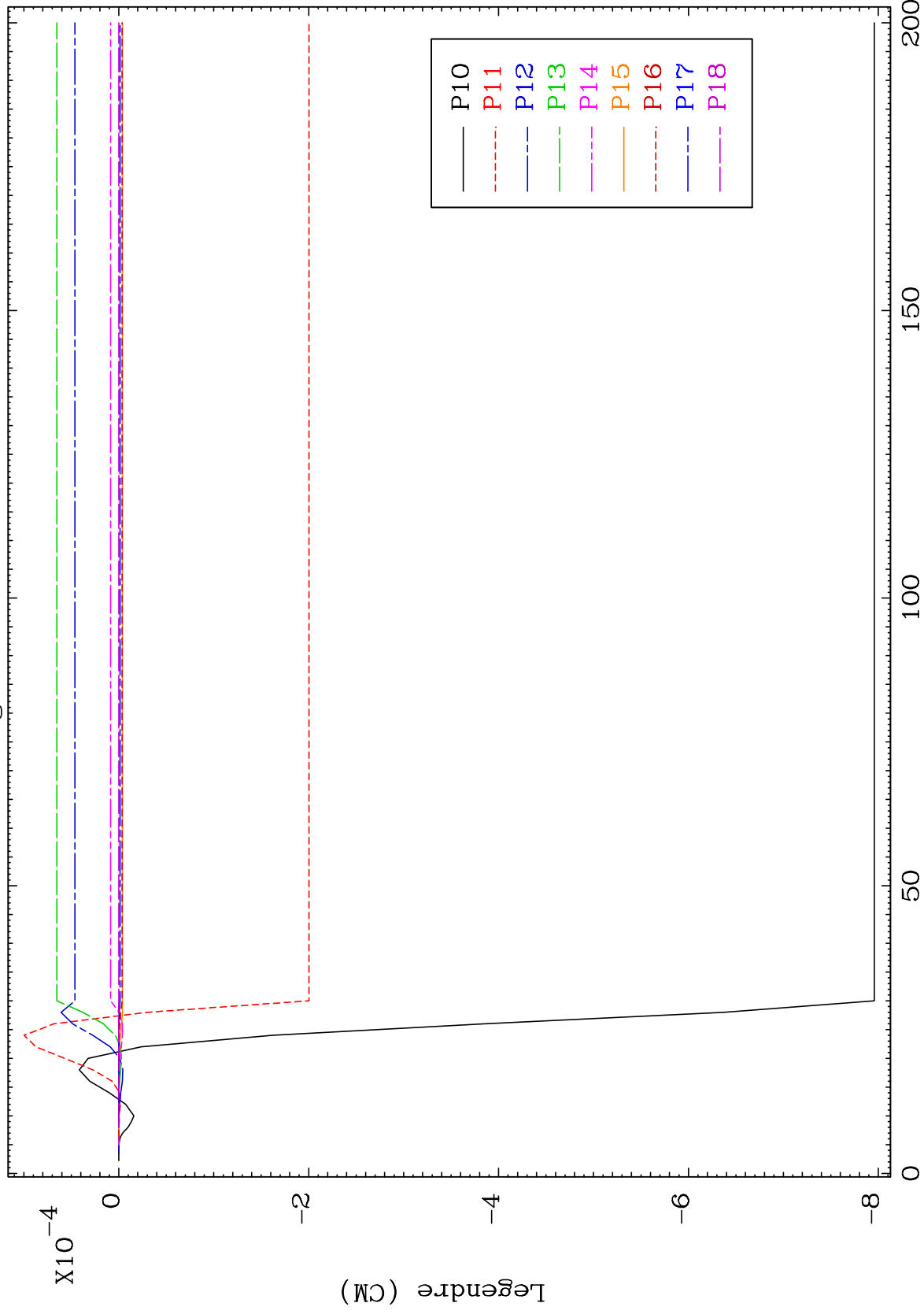




MAT 2946

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

29-Cu-70



61

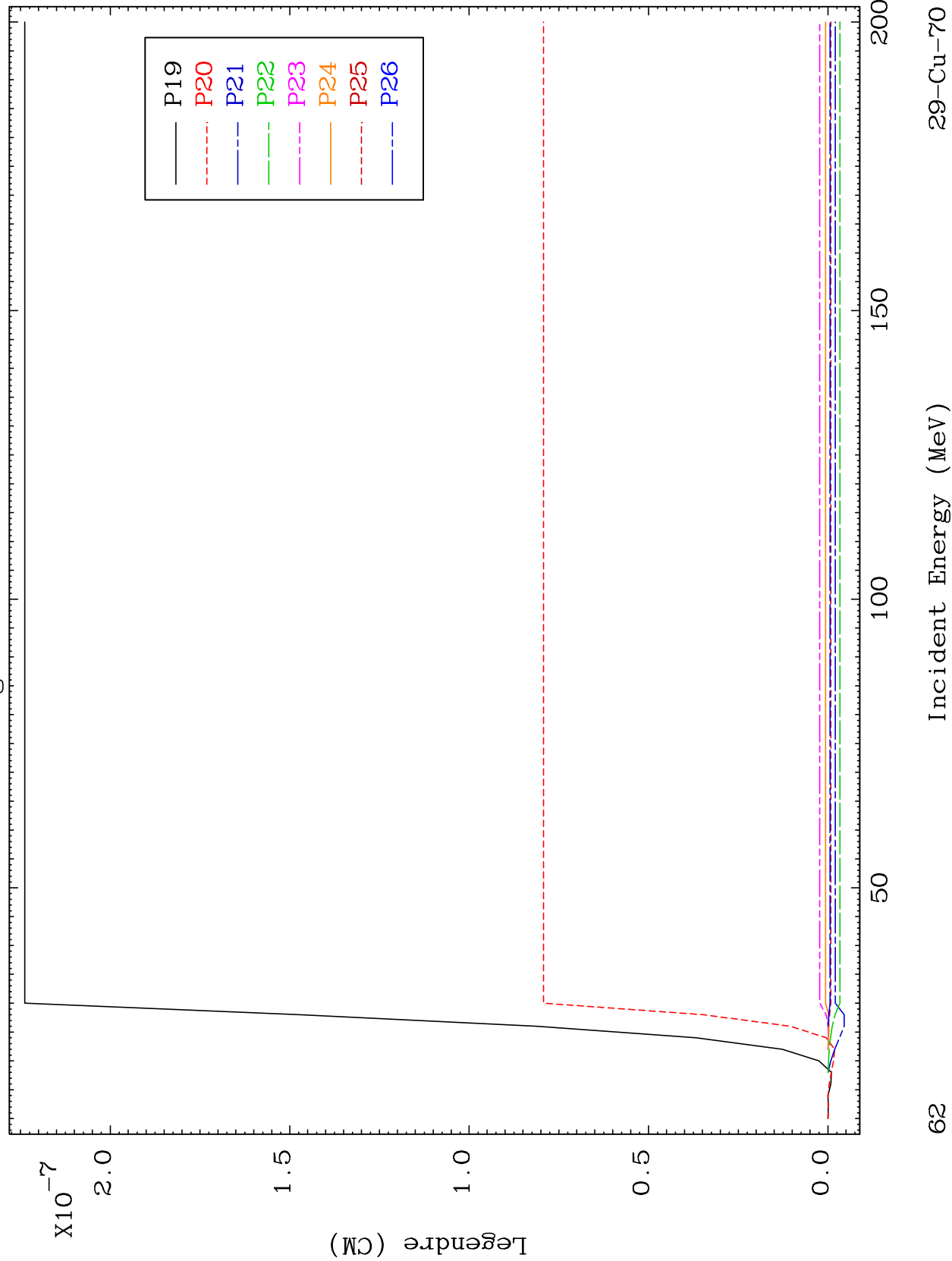
Incident Energy (MeV)

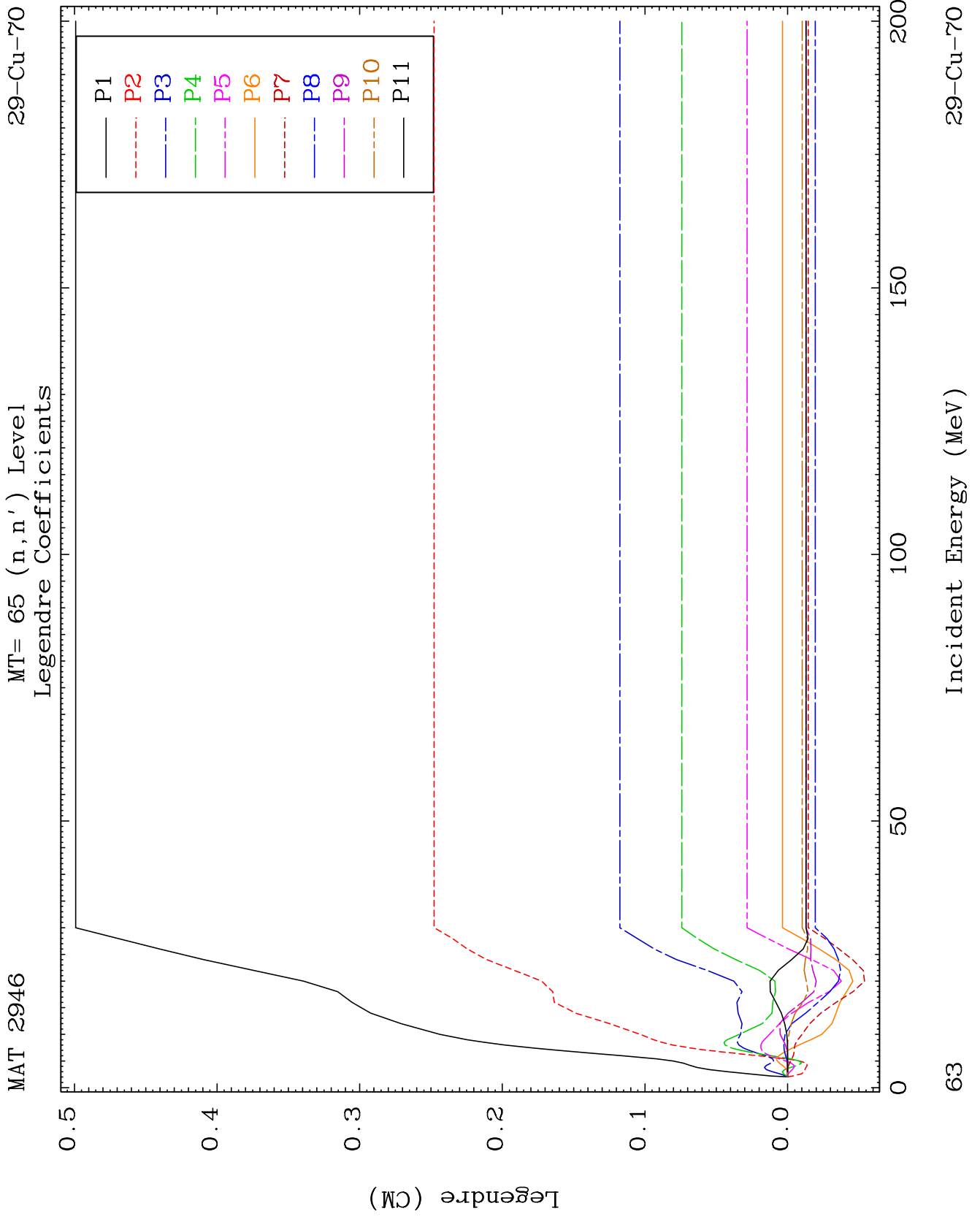
29-Cu-70

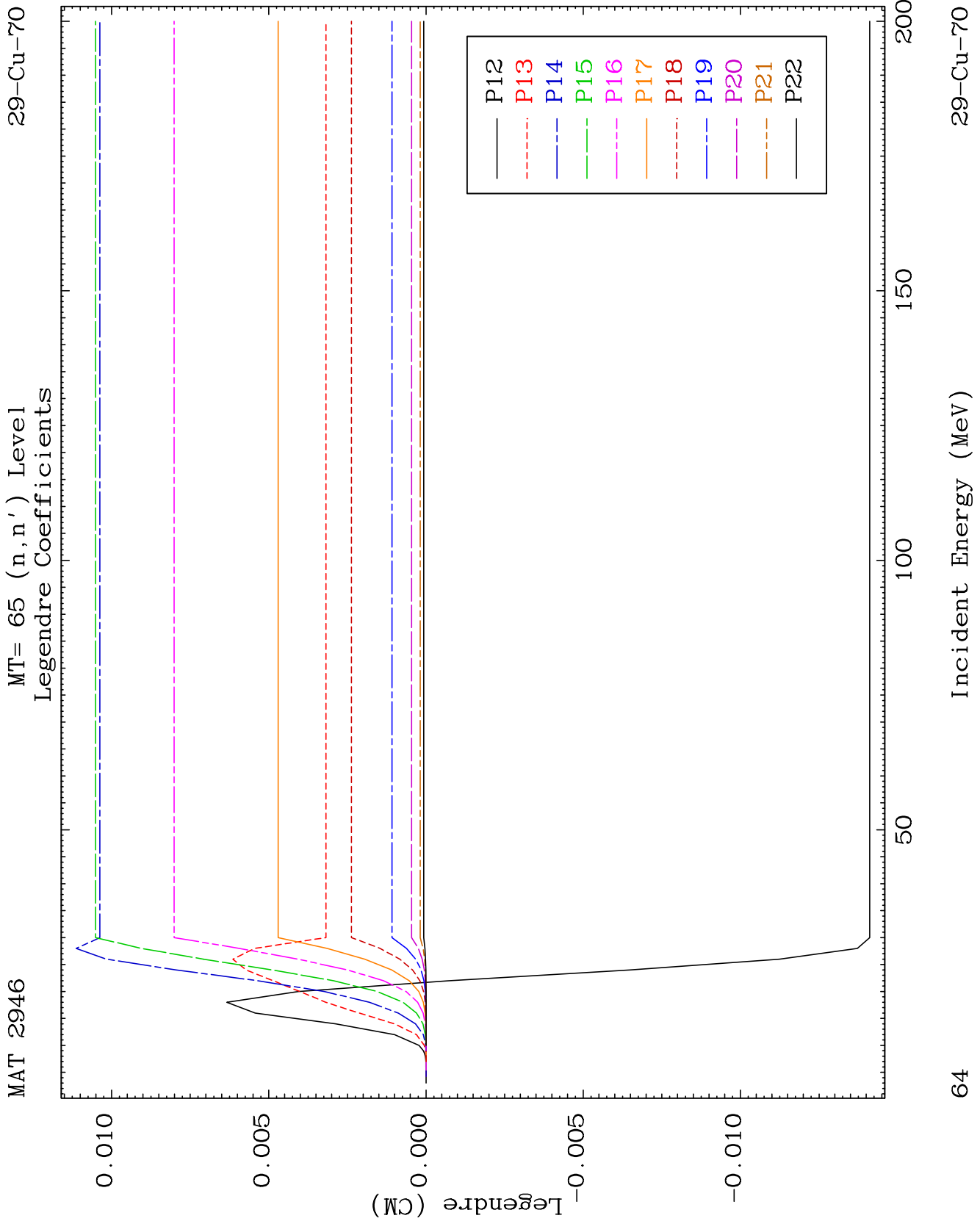
MAT 2946

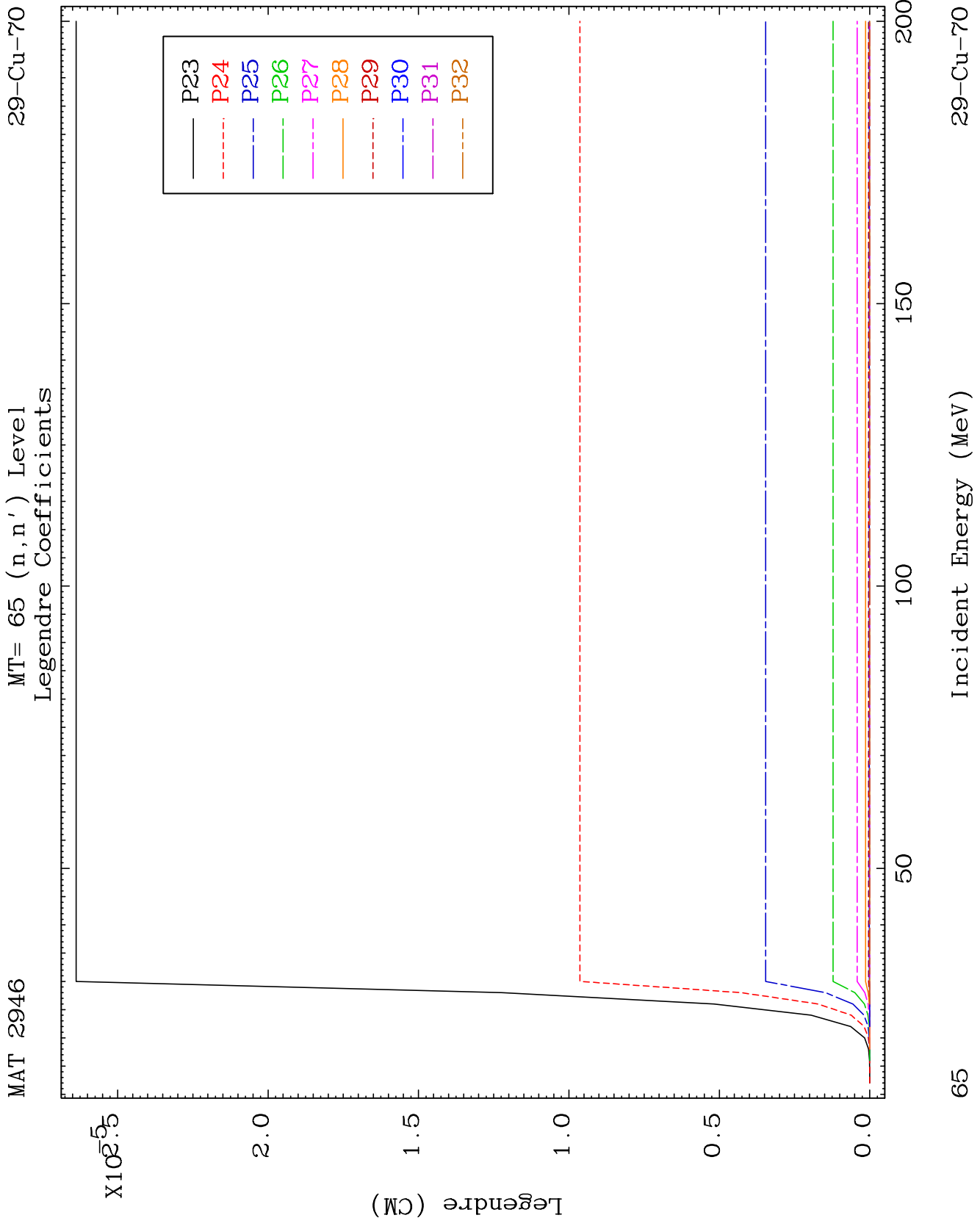
MT= 64 (n,n') Level
Legendre Coefficients

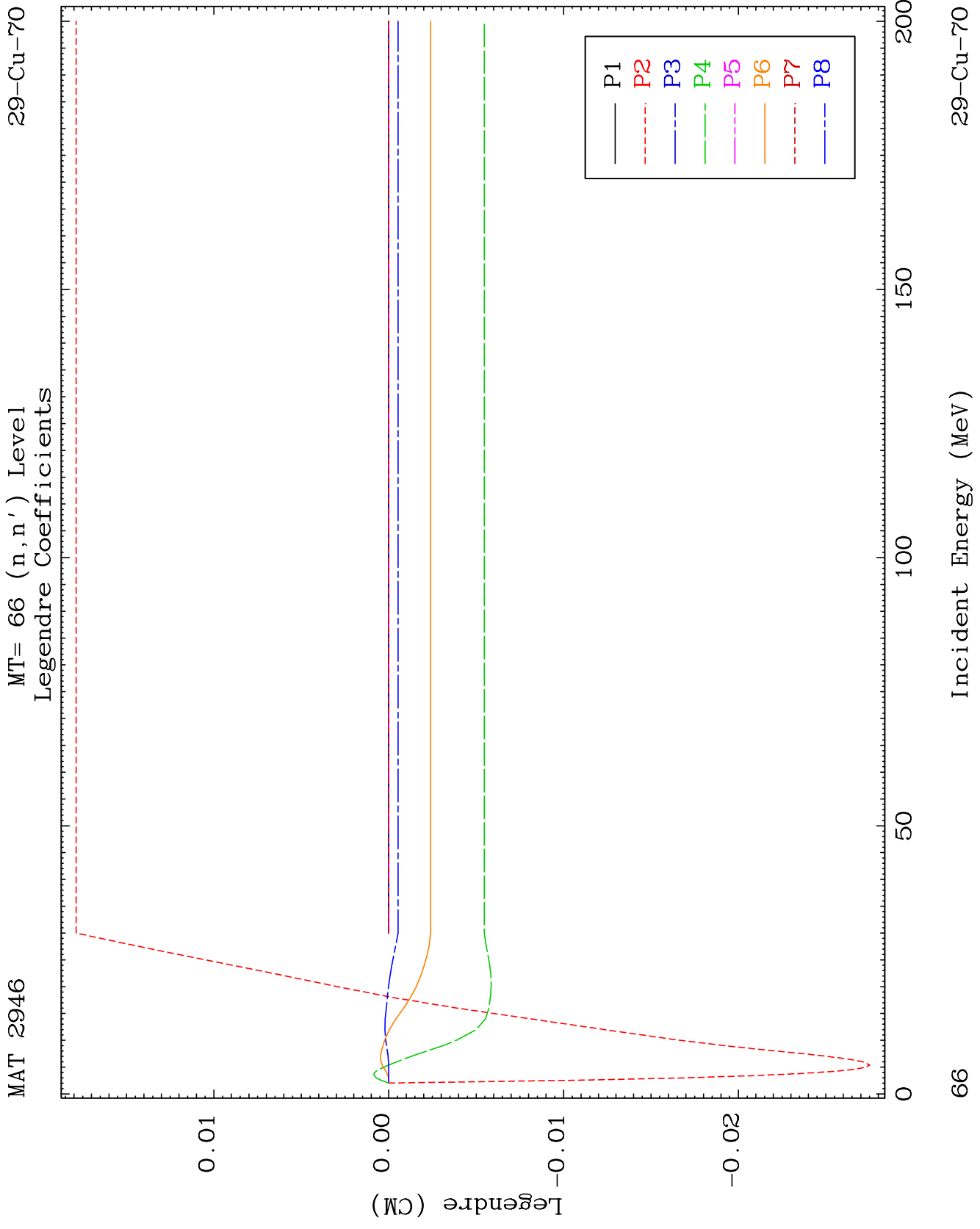
29-Cu-70

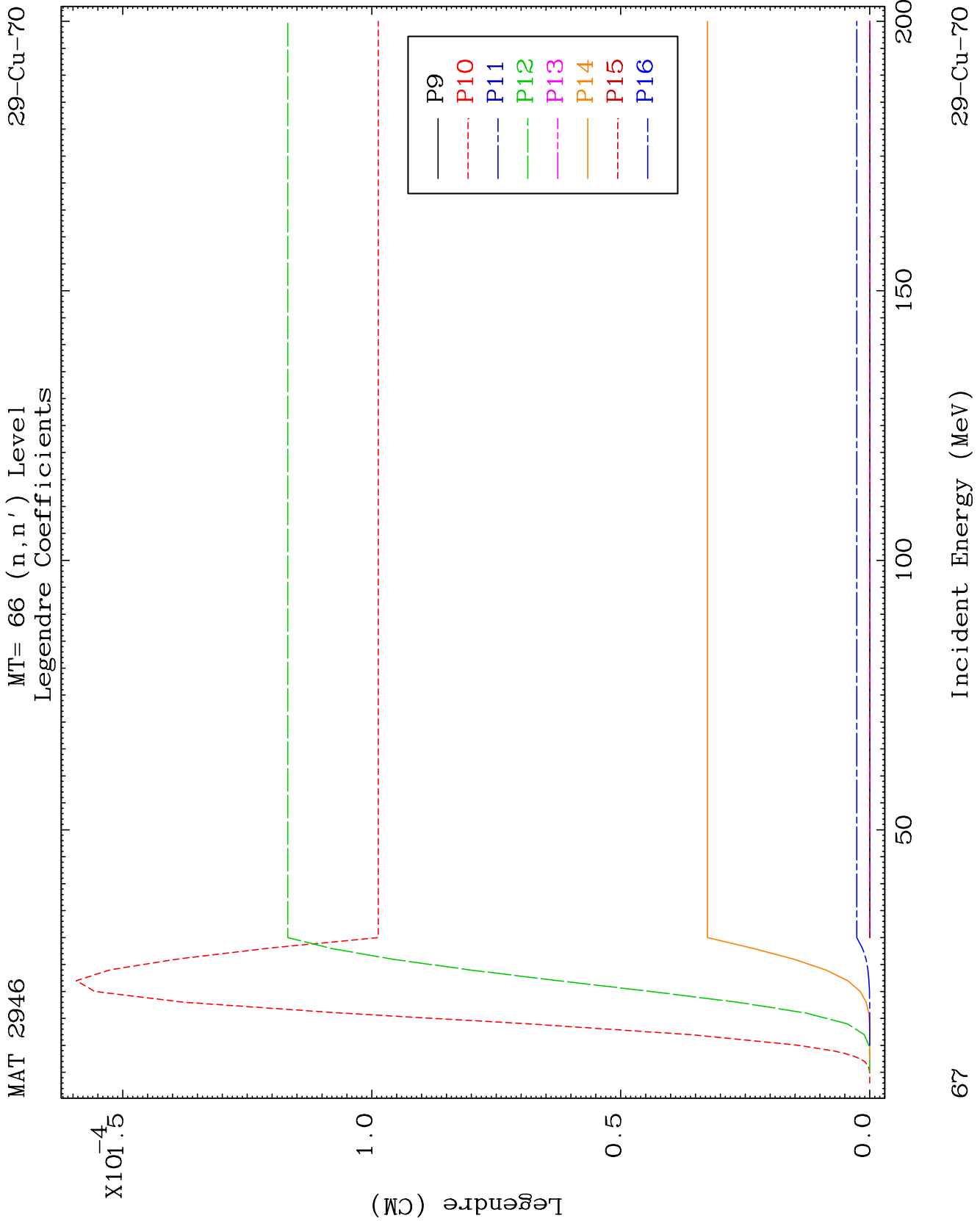


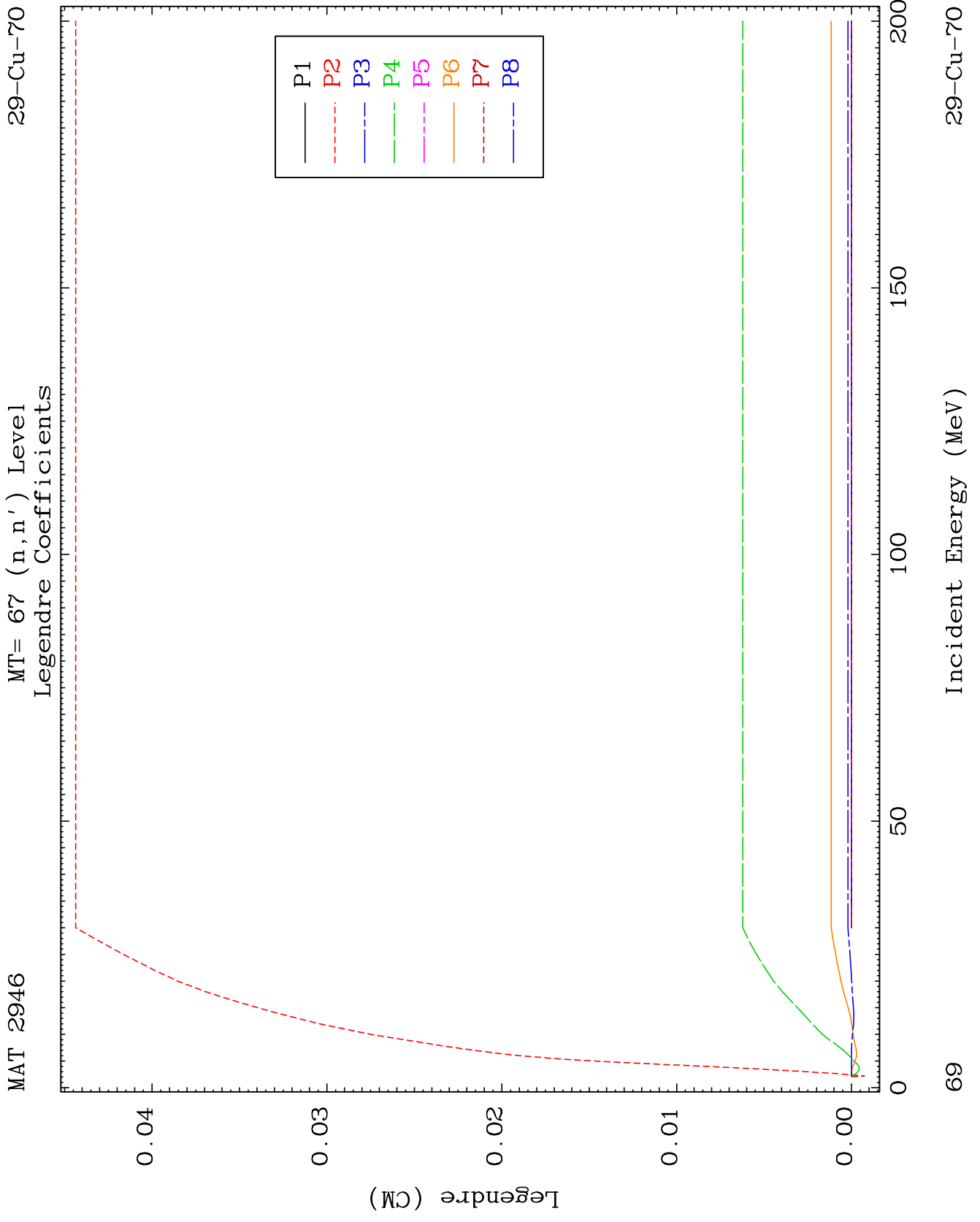








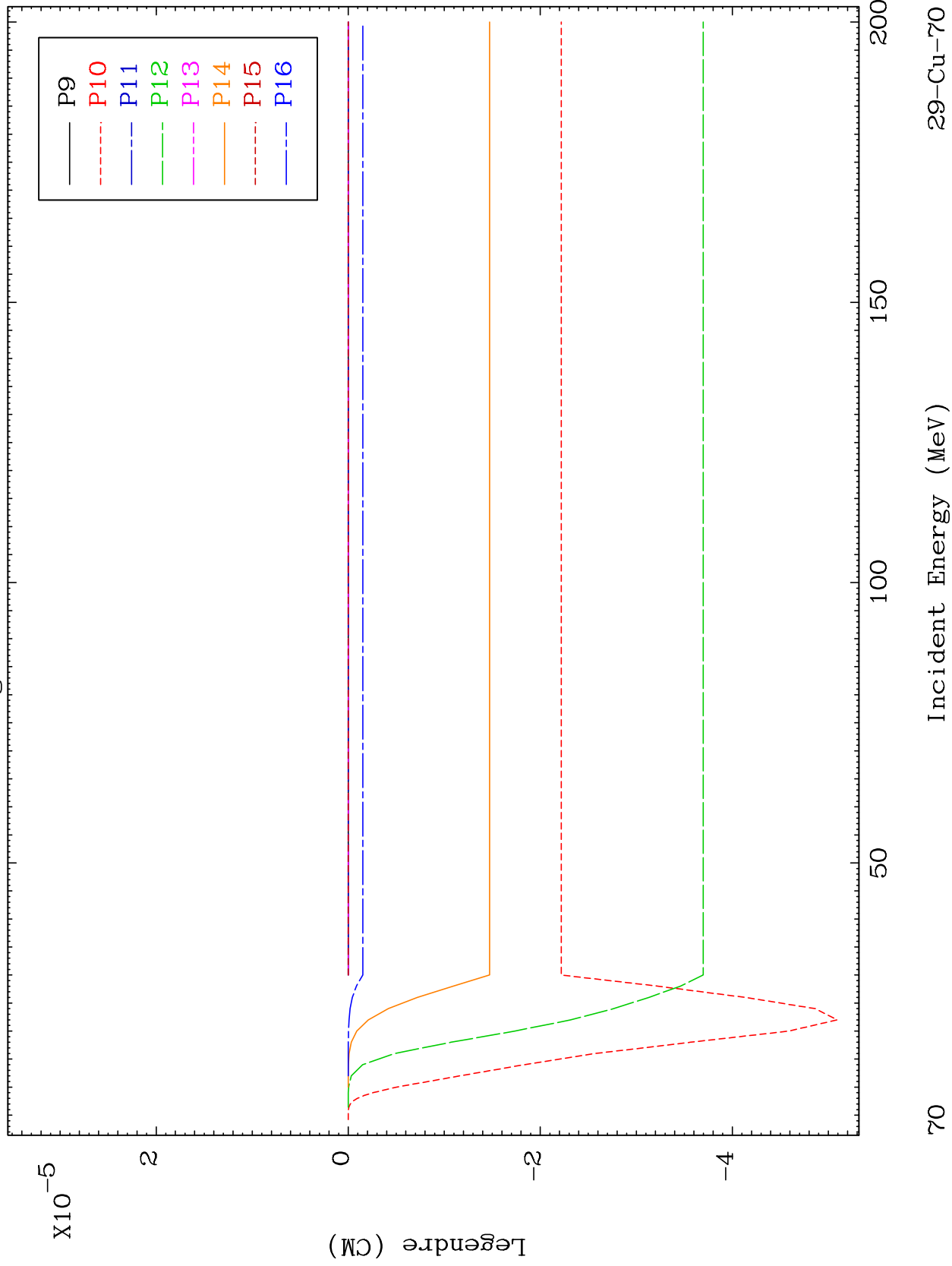


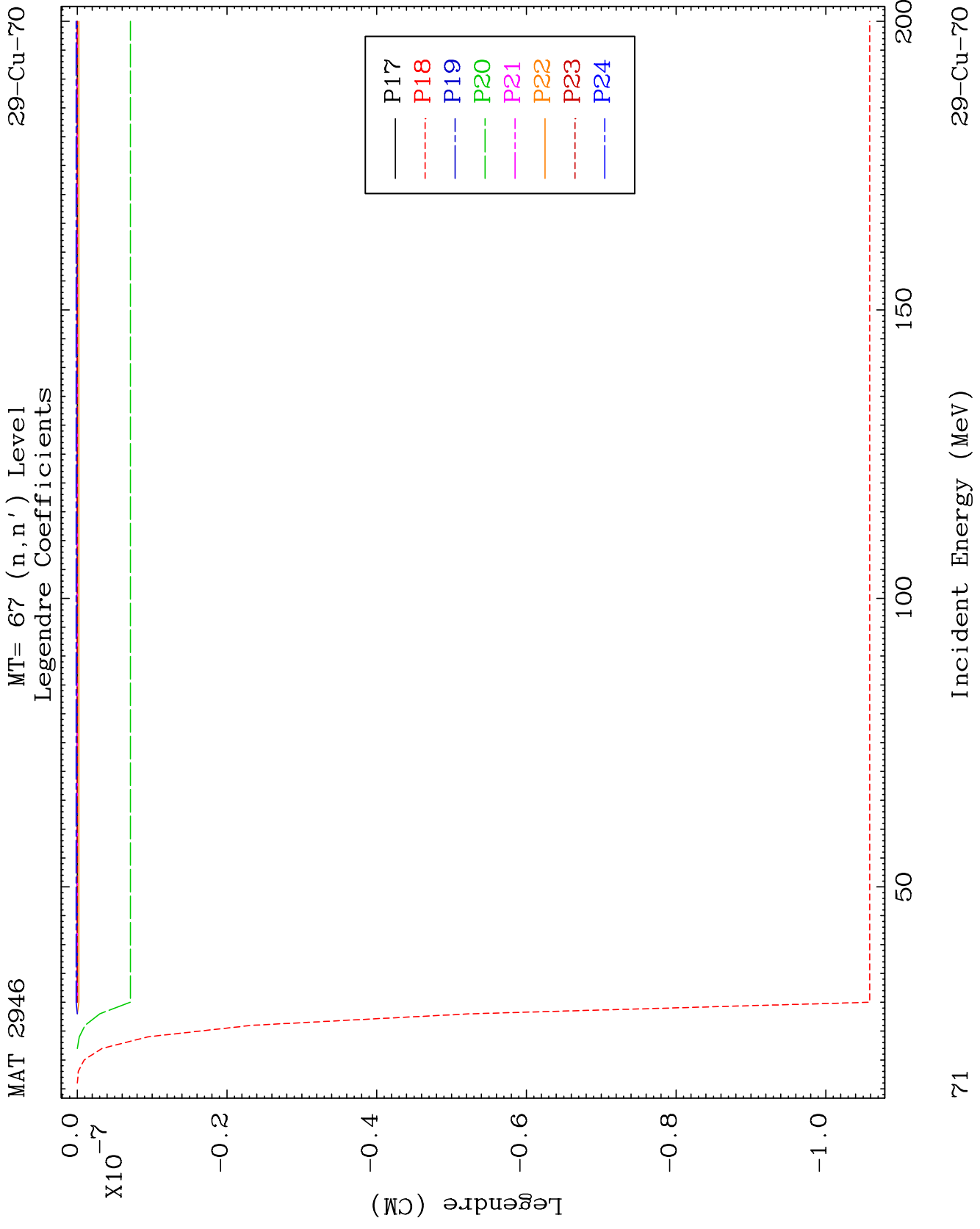


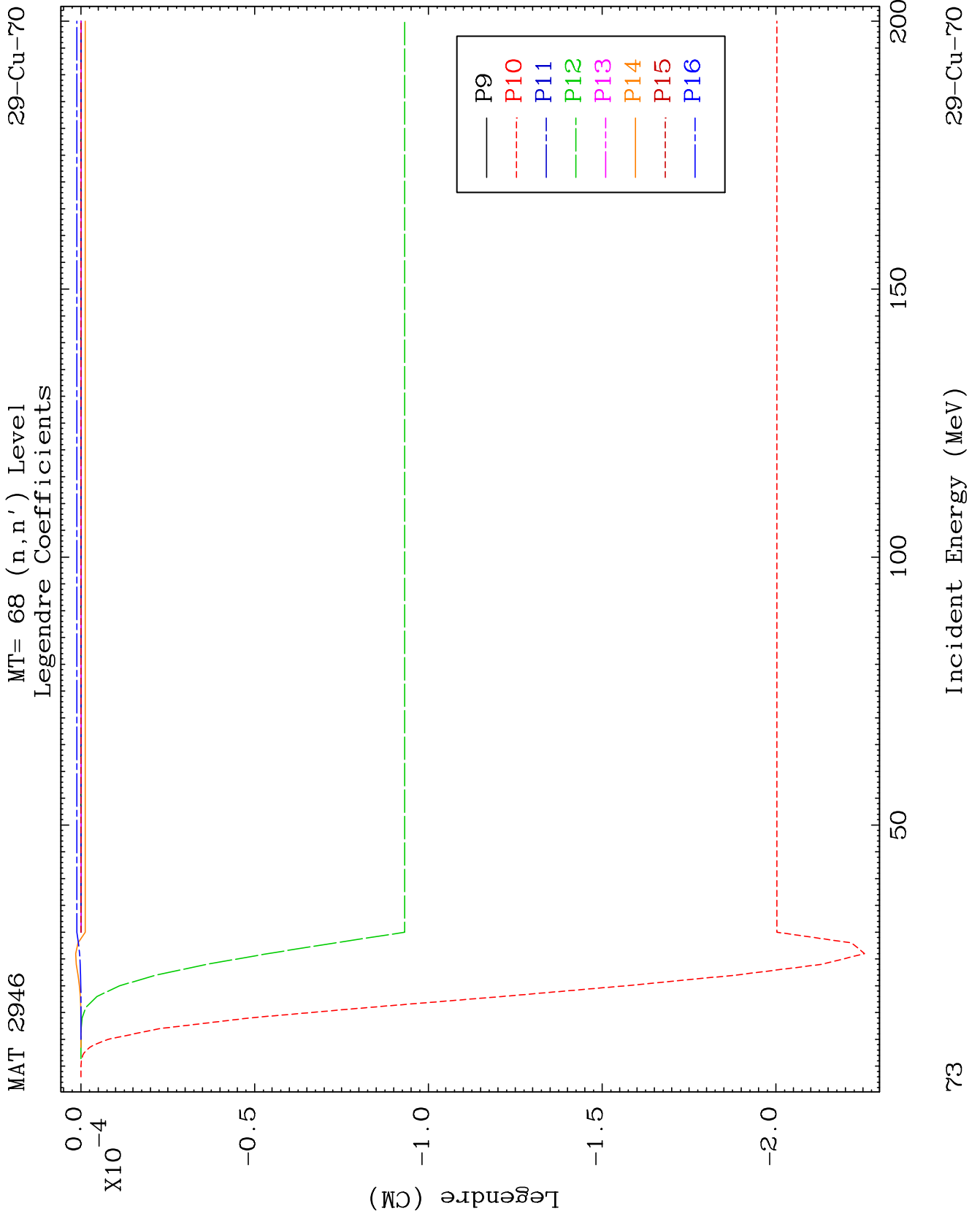
MAT 2946

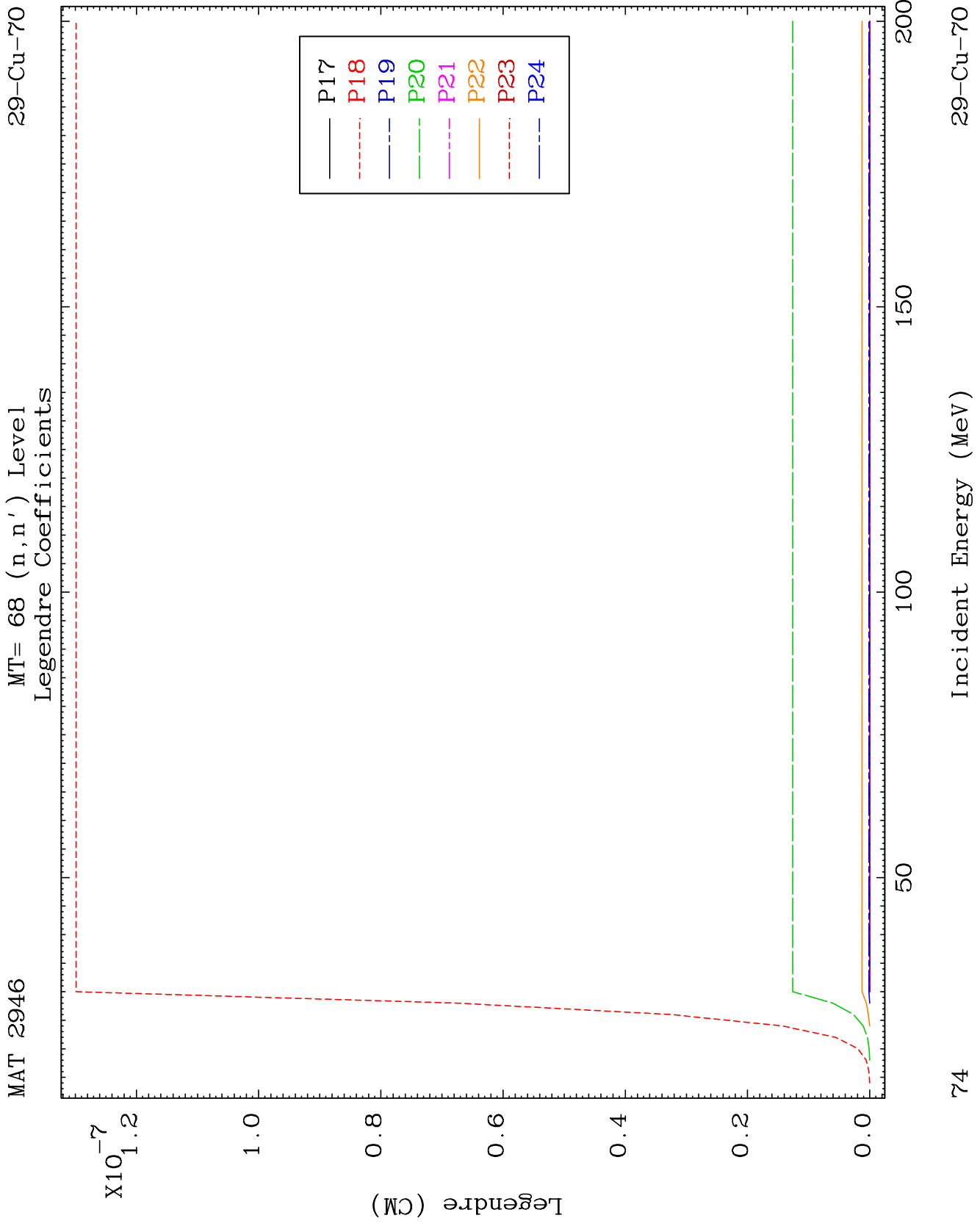
MT= 67 (n,n') Level
Legendre Coefficients

29-Cu-70





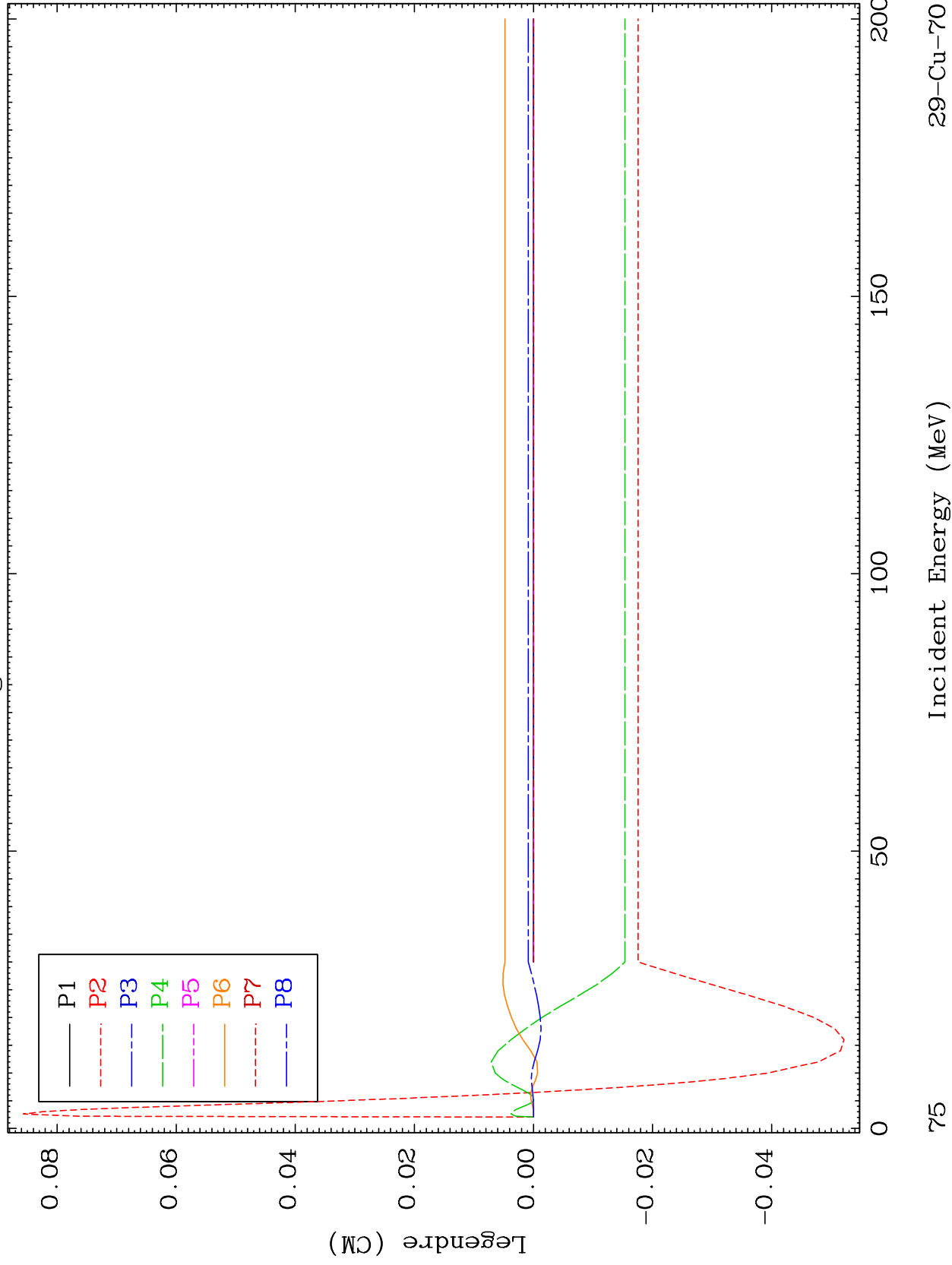




MAT 2946

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

29-Cu-70



29-Cu-70

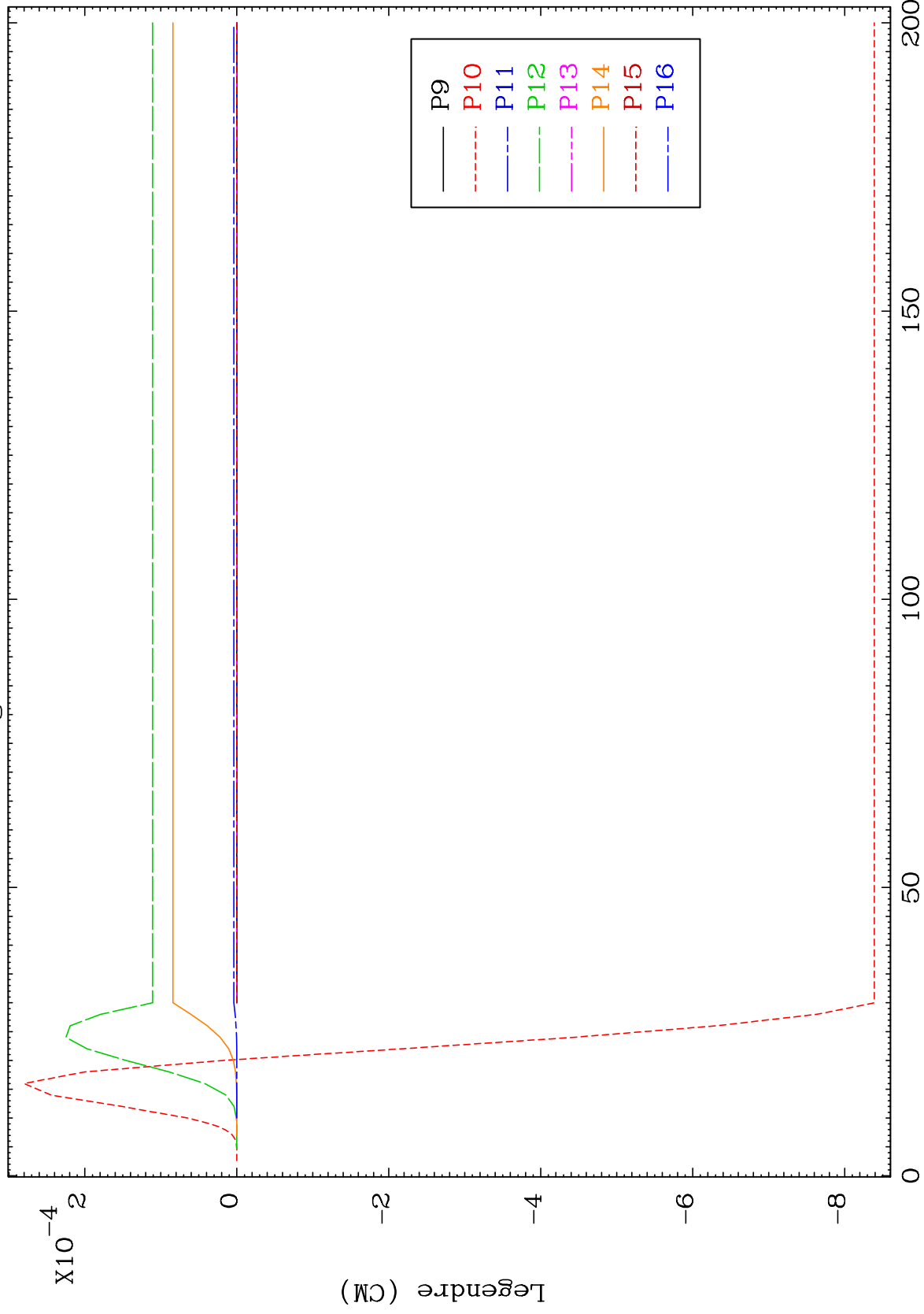
Incident Energy (MeV)

75

MAT 2946

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

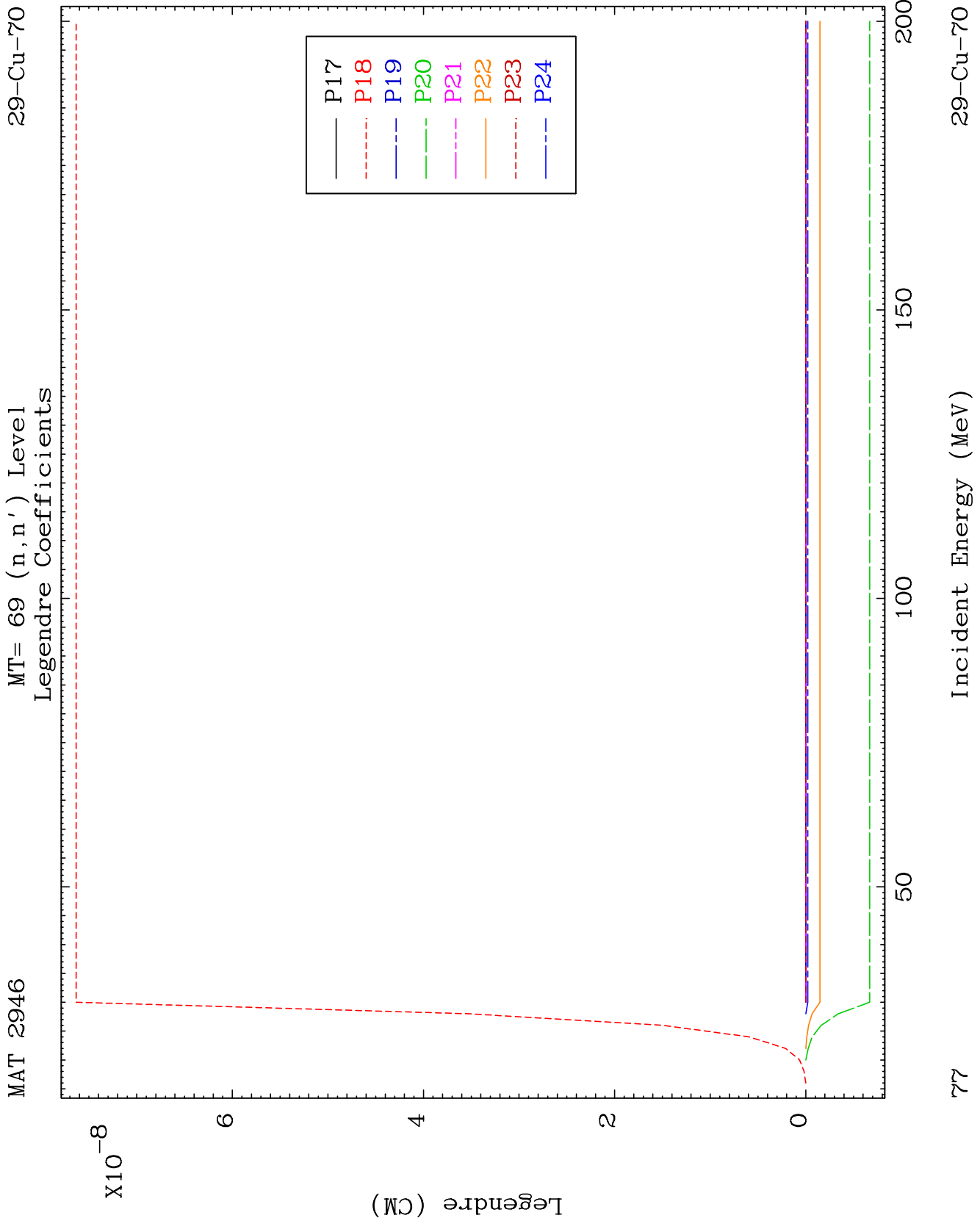
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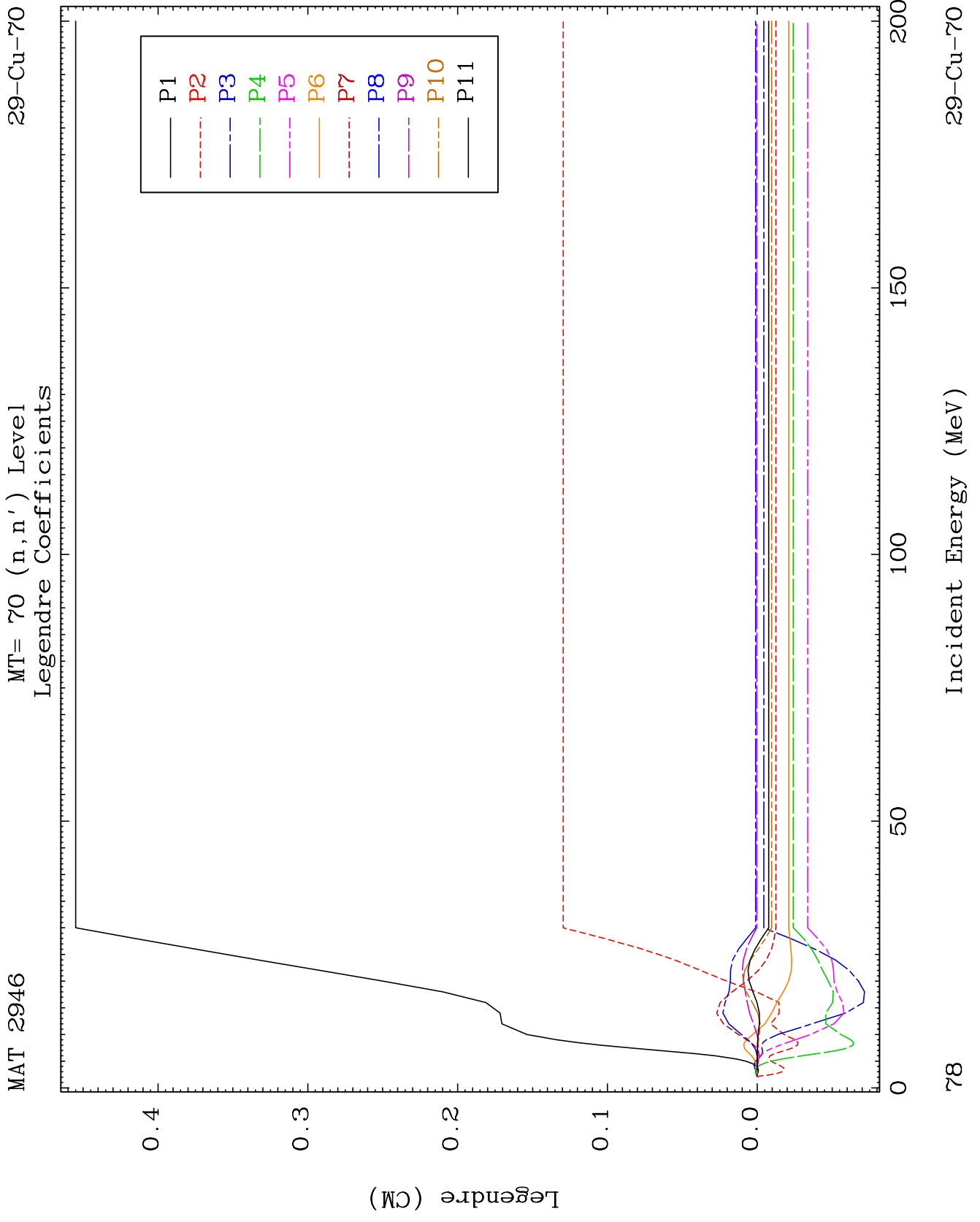


76

Incident Energy (MeV)

29-Cu-70

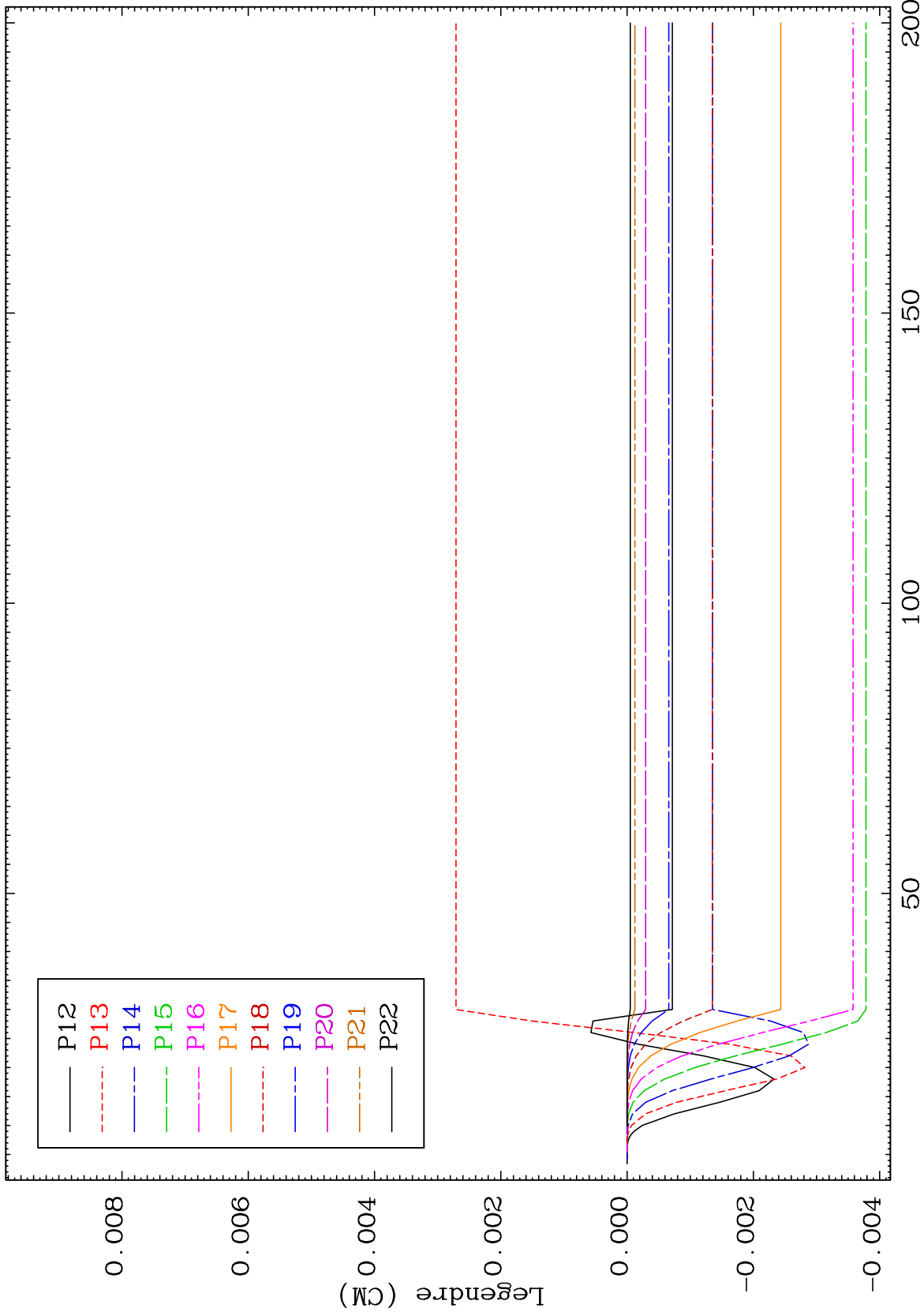




MAT 2946

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

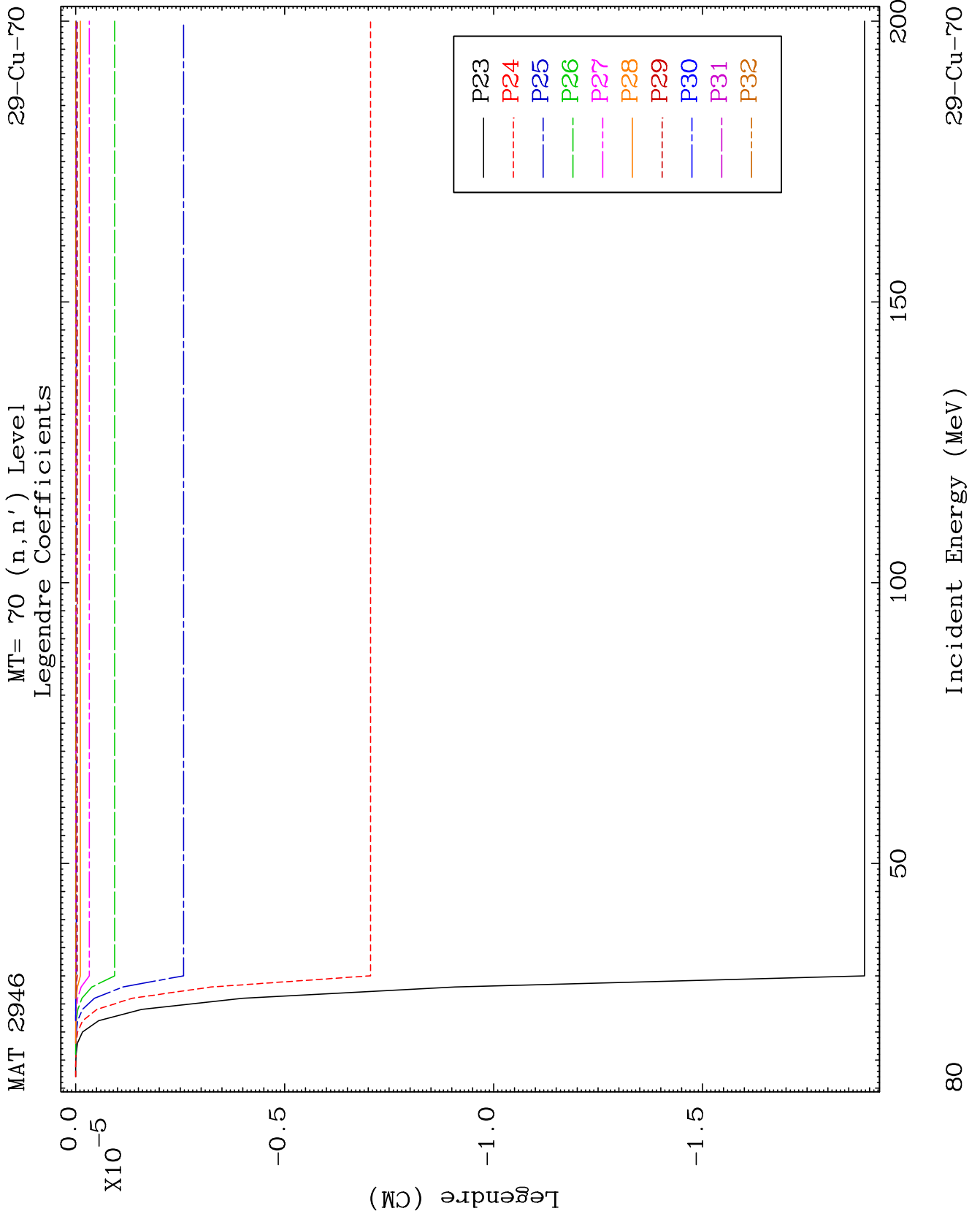
29-Cu-70



79

Incident Energy (MeV)

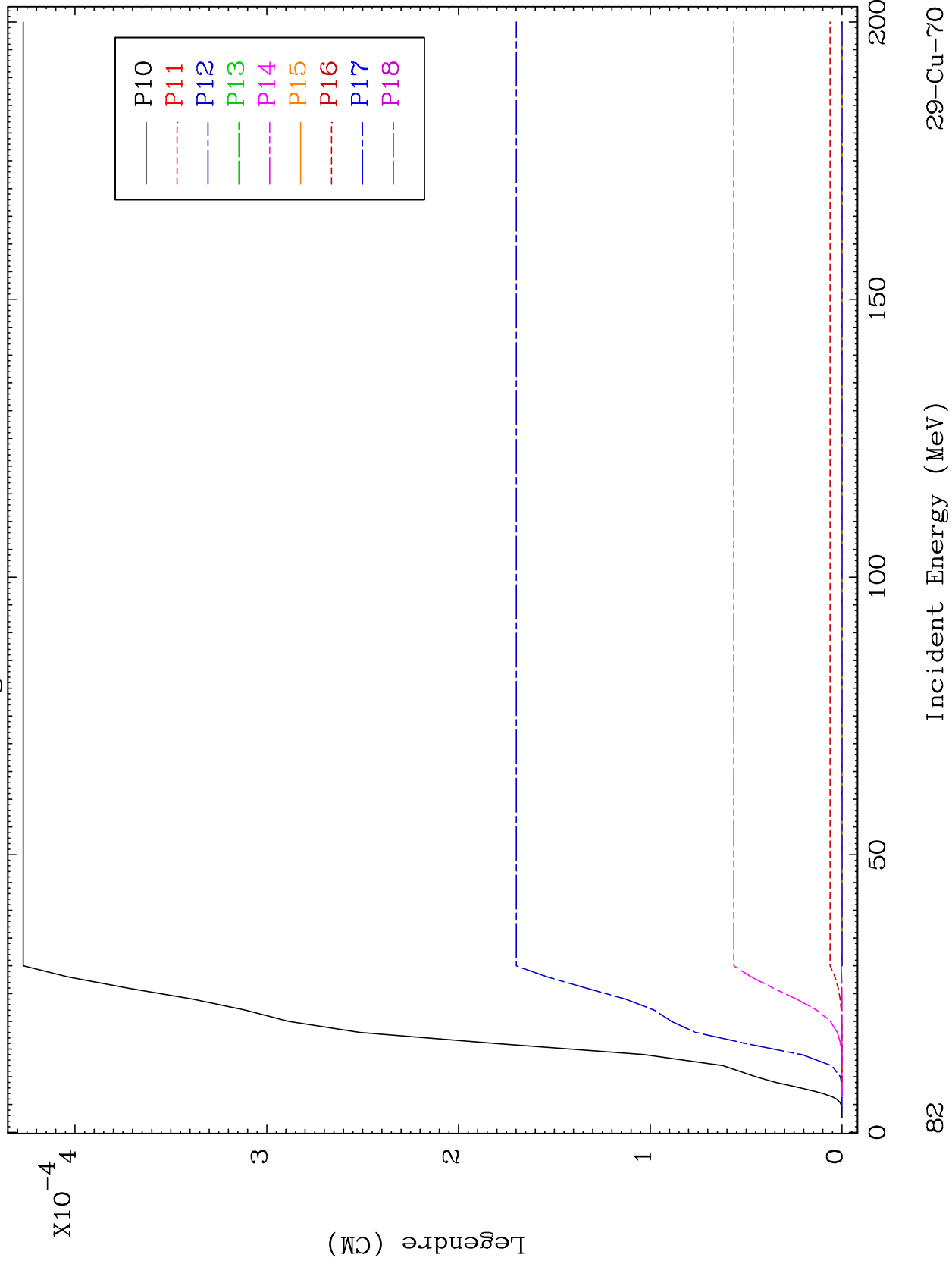
29-Cu-70



MAT 2946

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

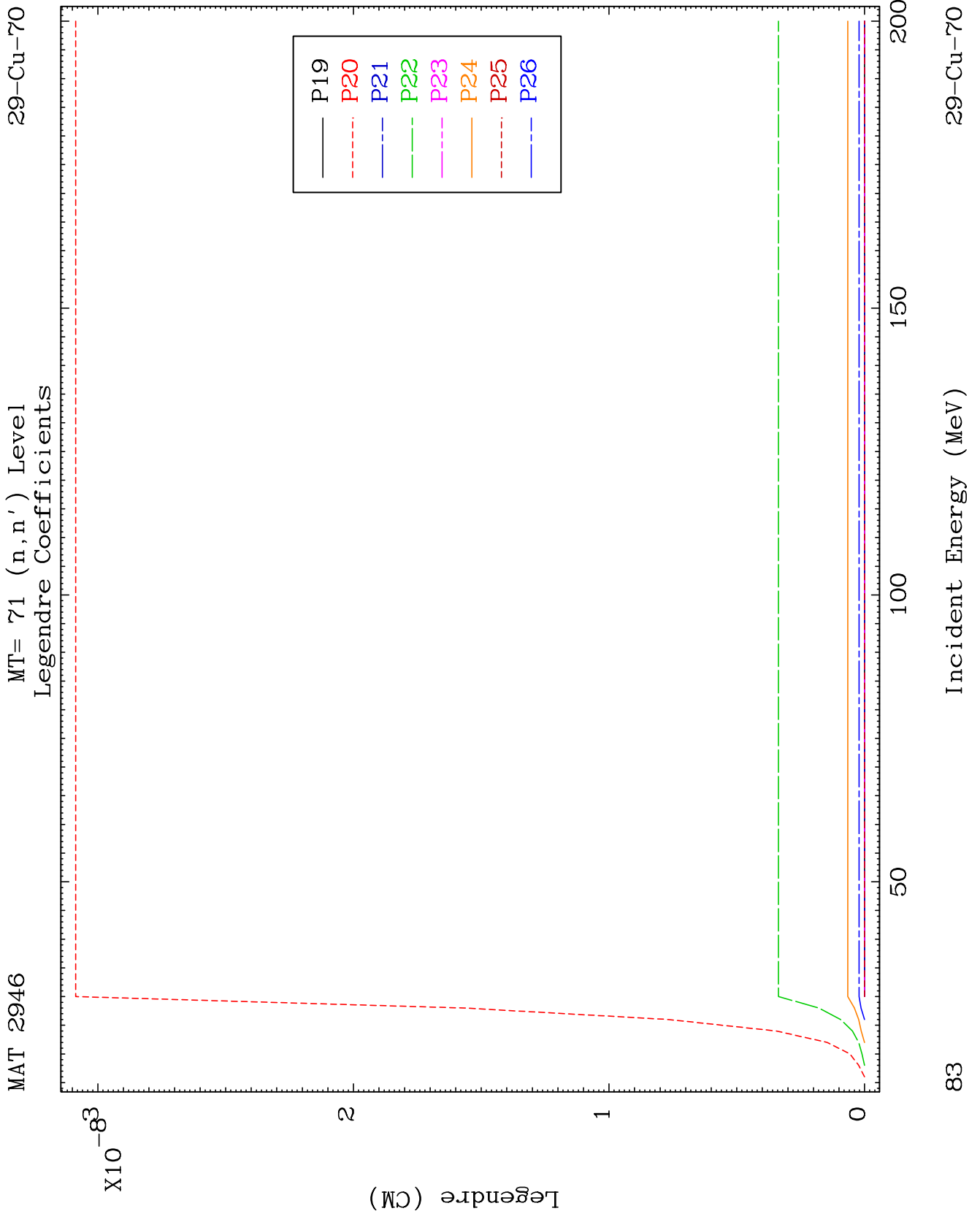
29-Cu-70

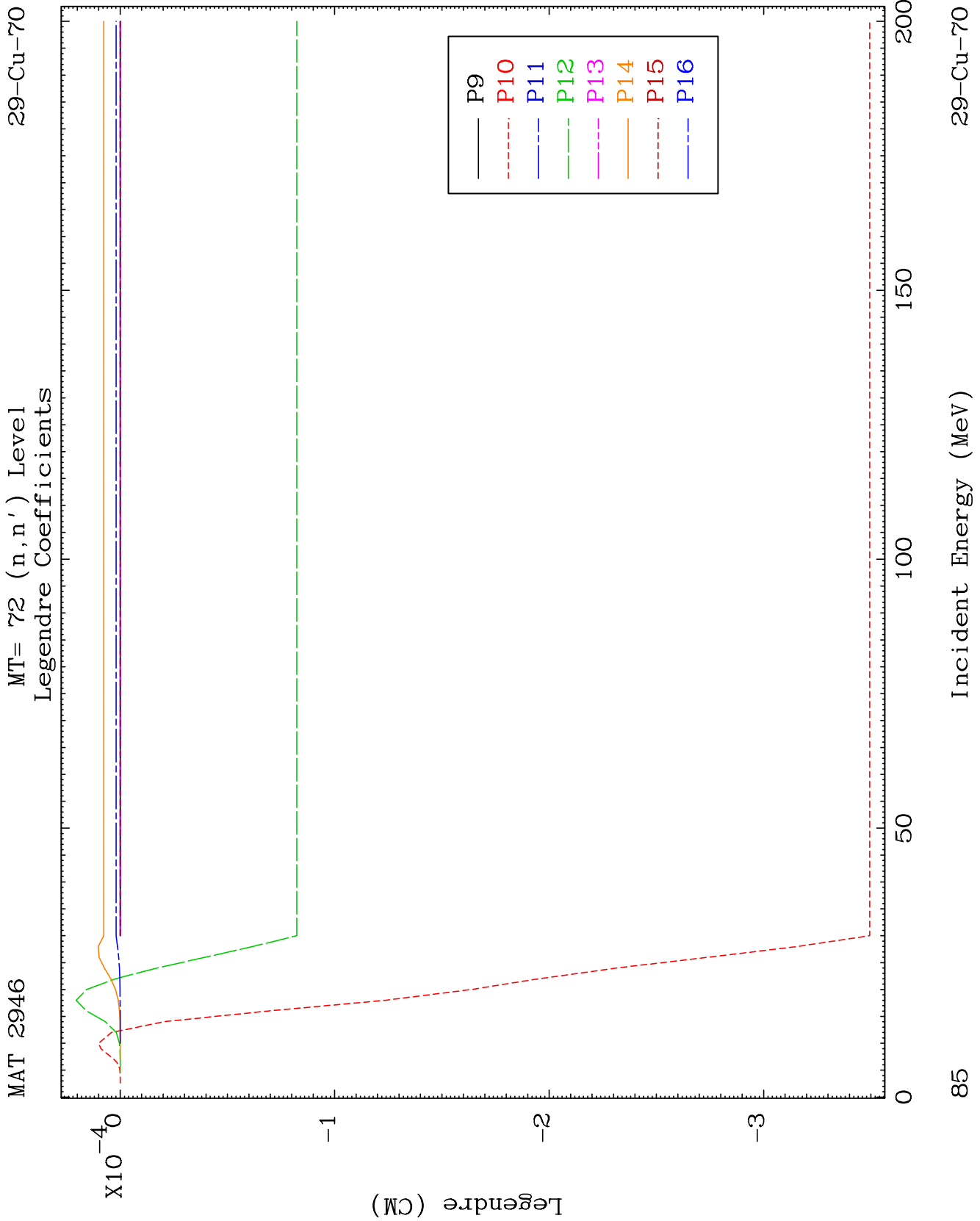


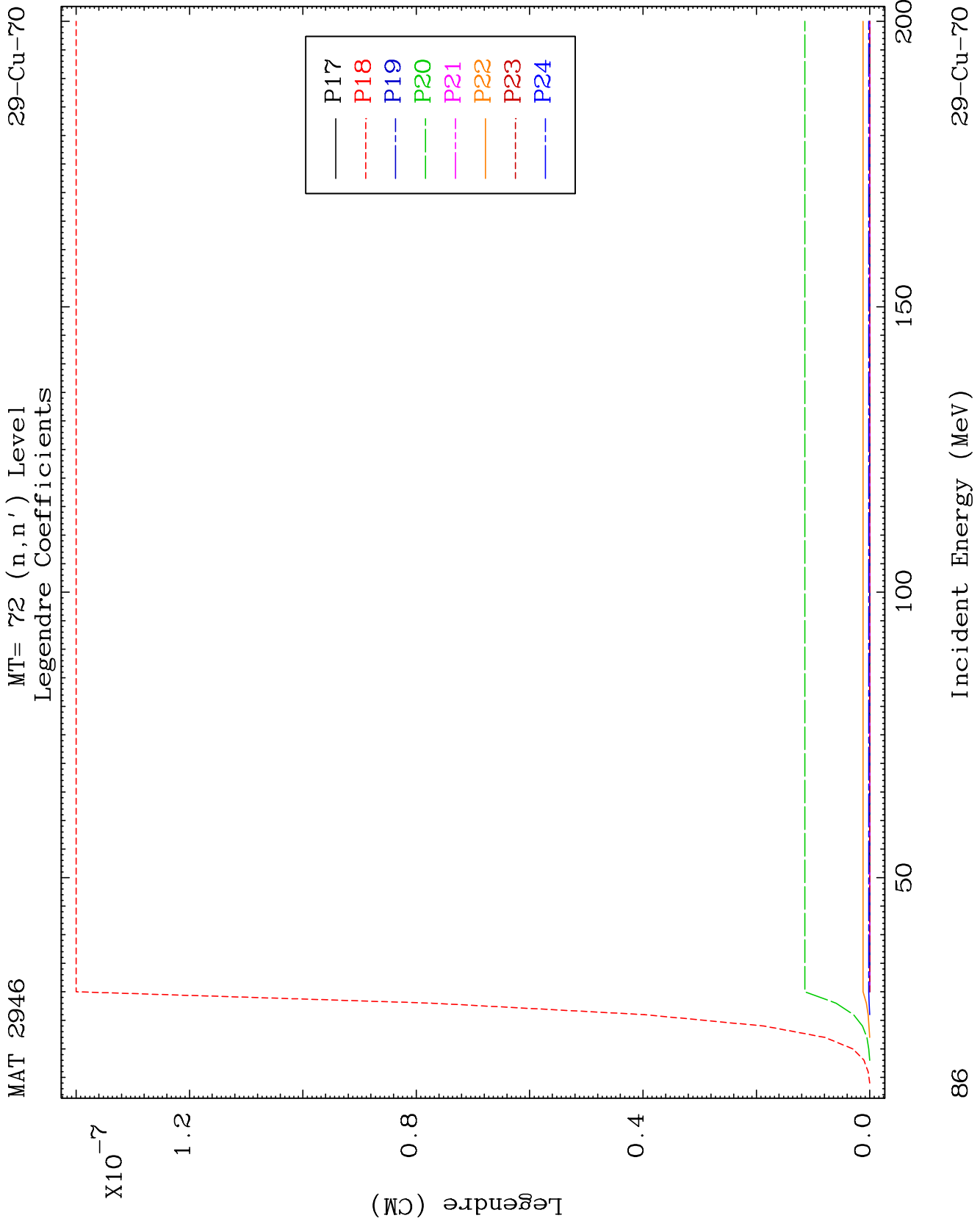
82

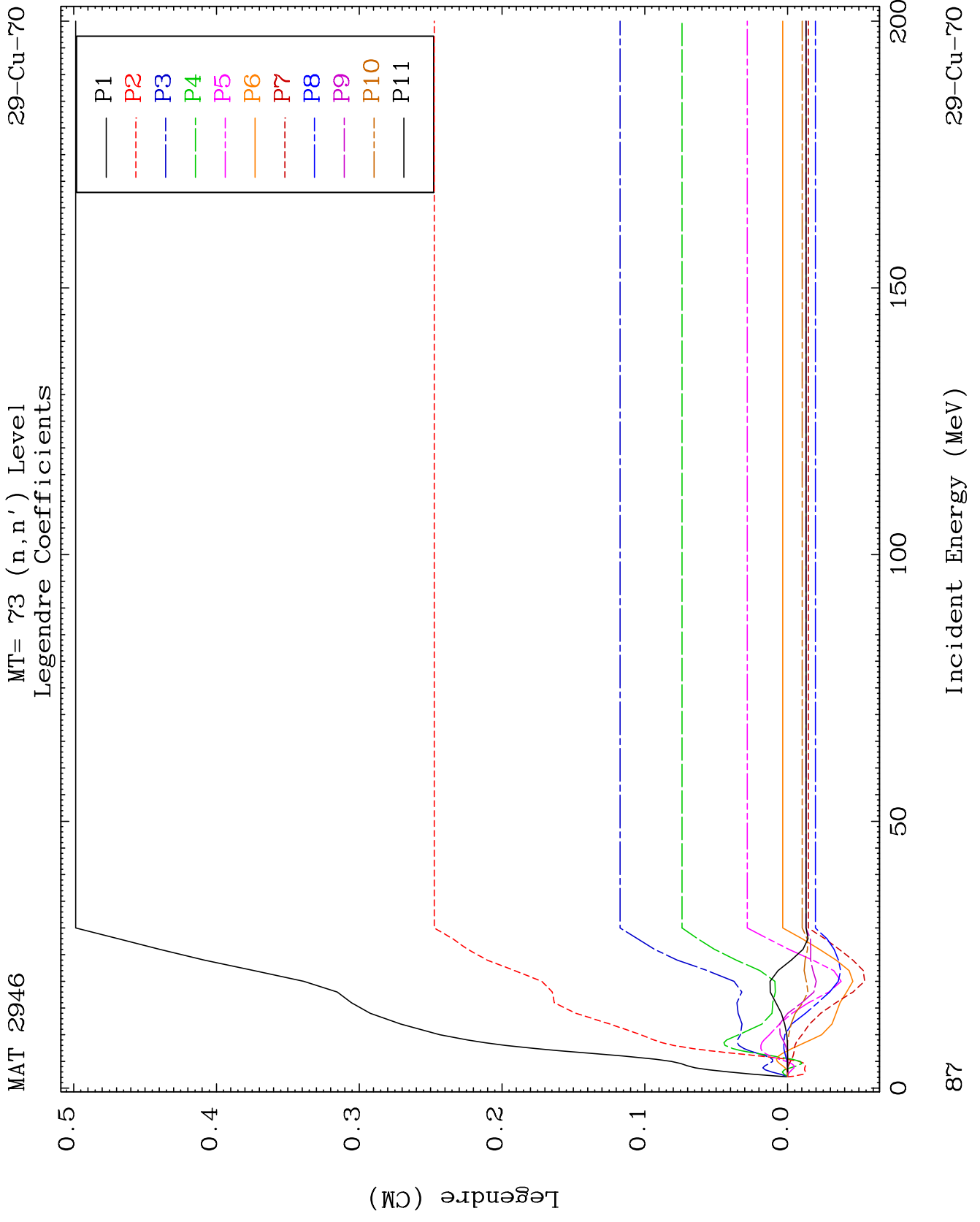
Incident Energy (MeV)

29-Cu-70





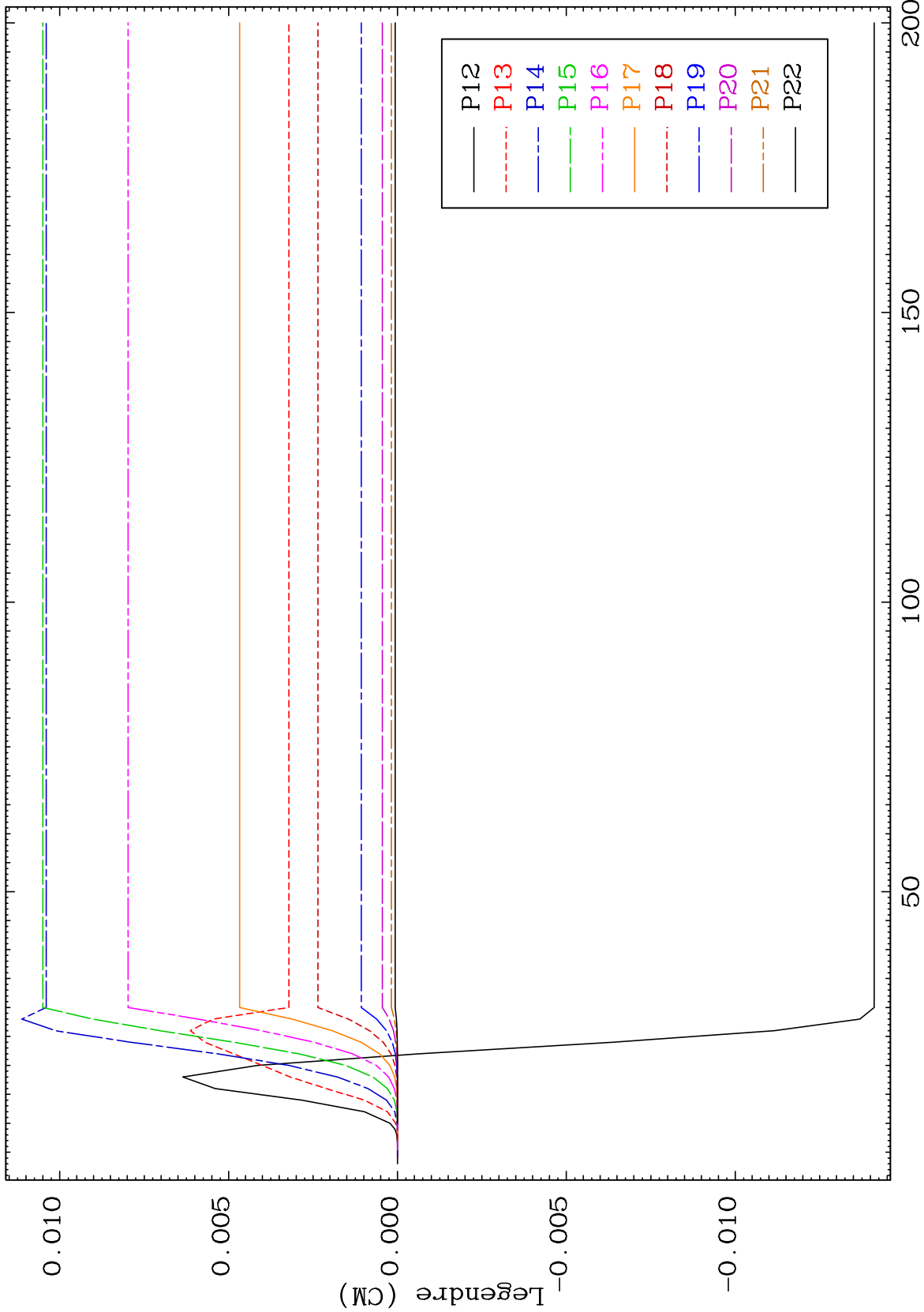




MAT 2946

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

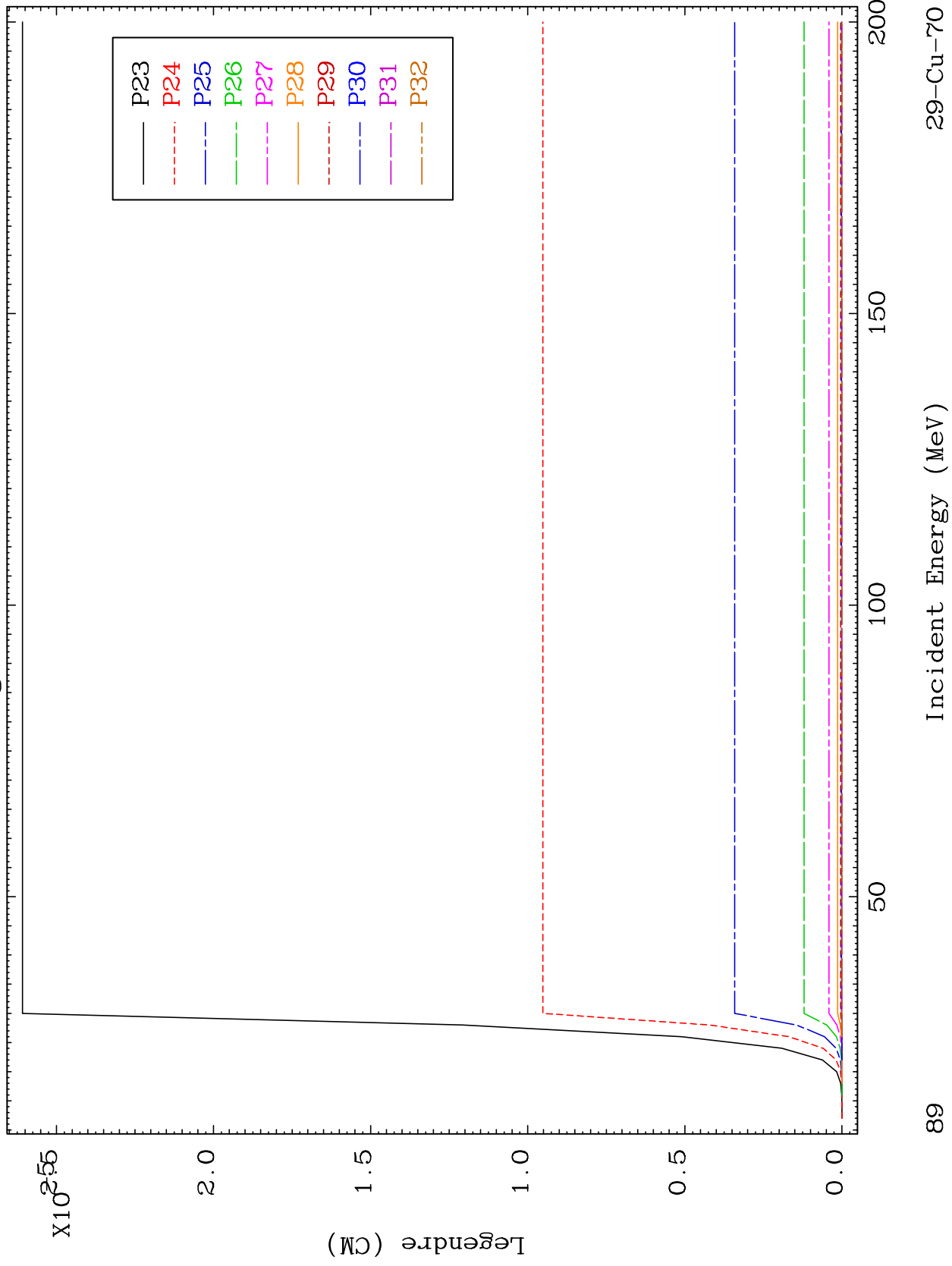
29-Cu-70



MAT 2946

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

29-Cu-70



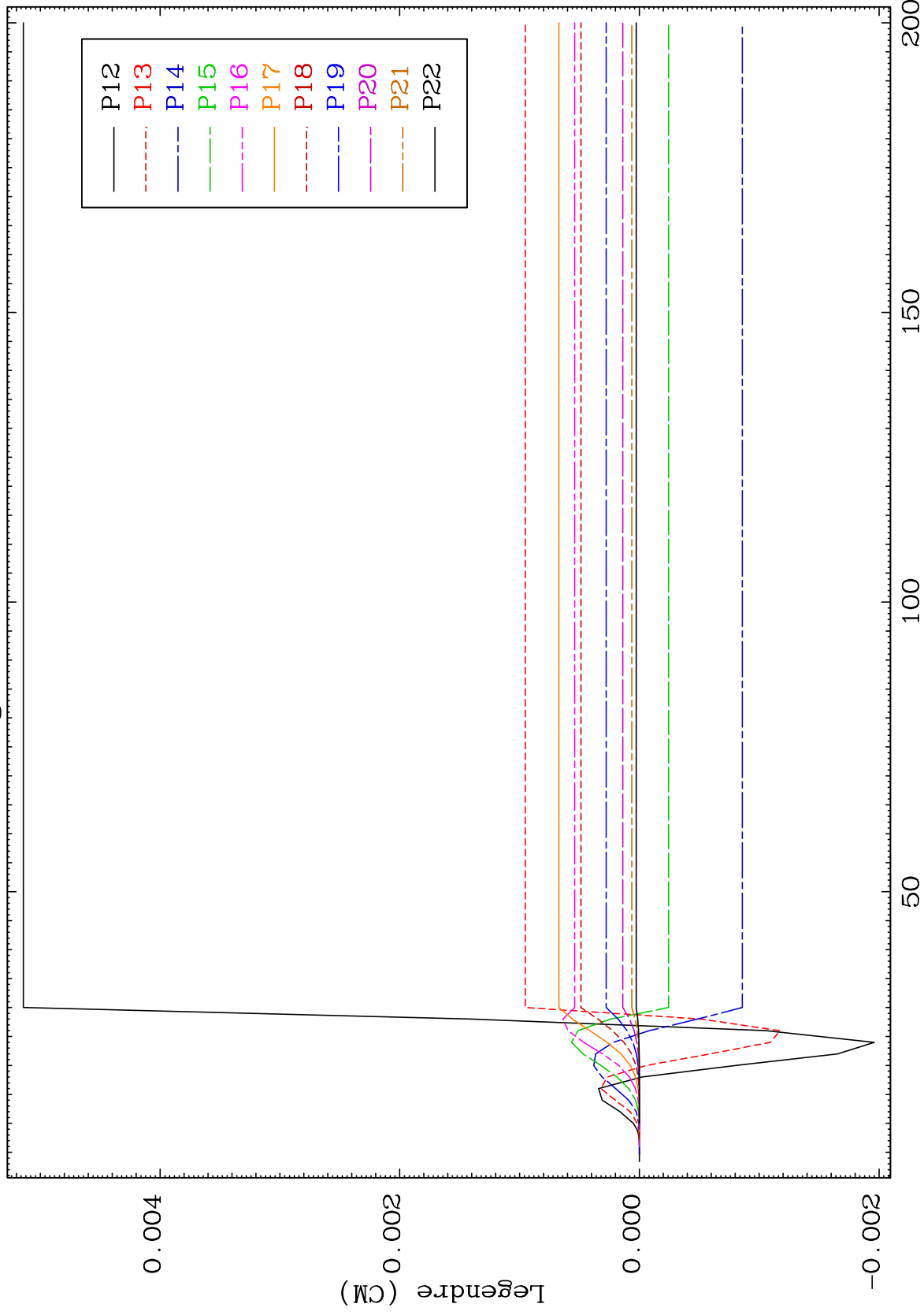
89

29-Cu-70

MAT 2946

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

29-Cu-70



91

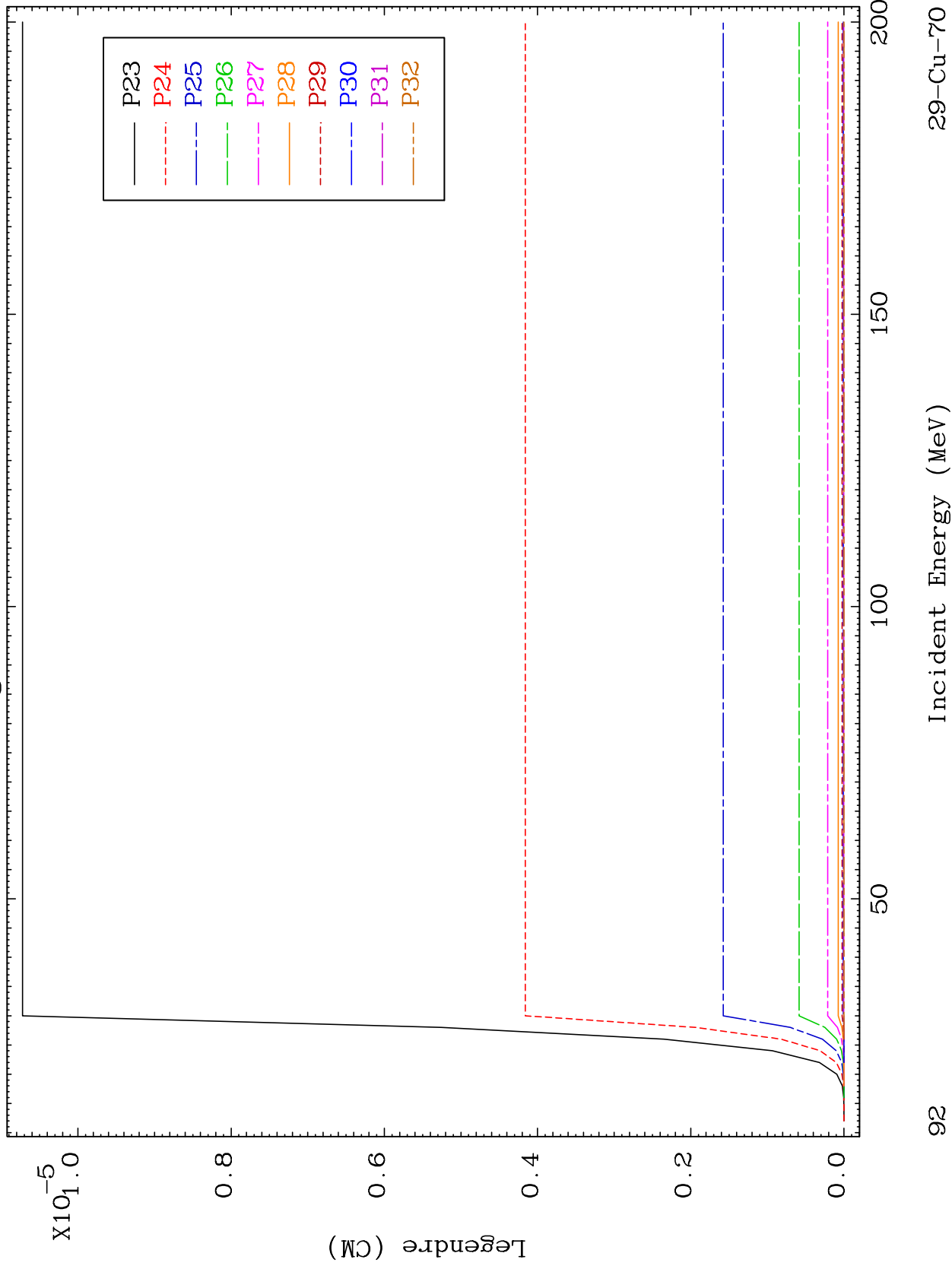
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

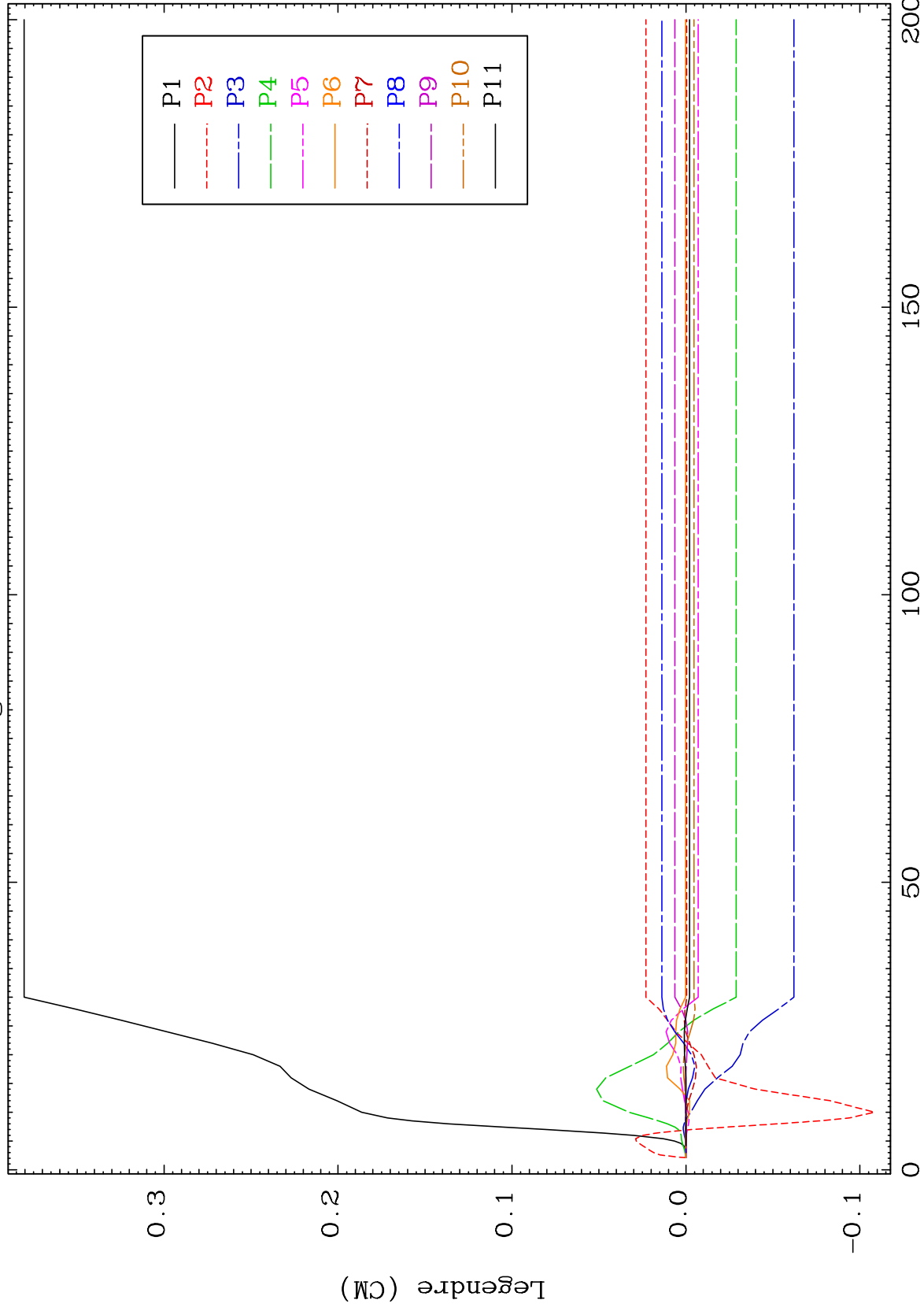
29-Cu-70



MAT 2946

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

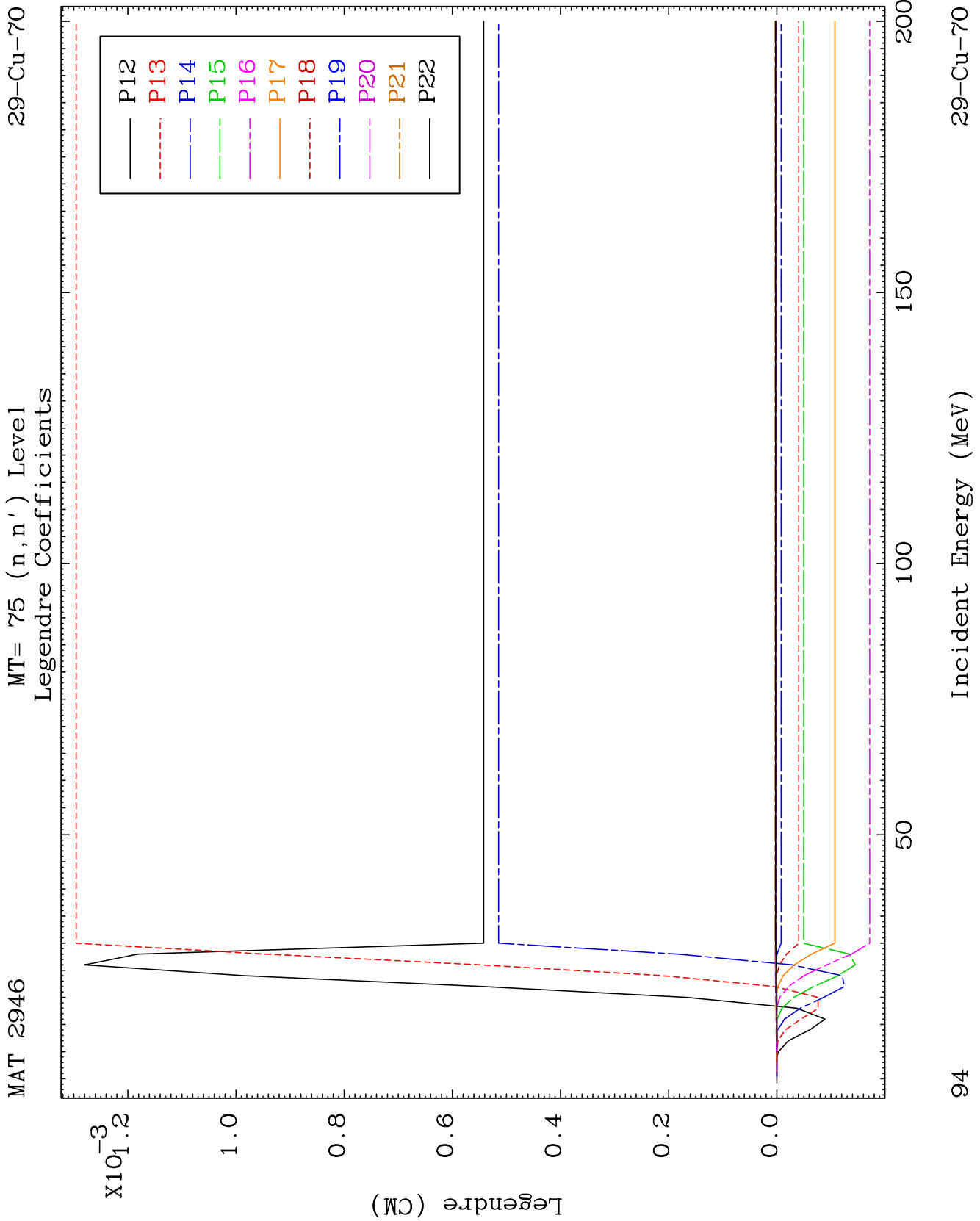
29-Cu-70



93

Incident Energy (MeV)

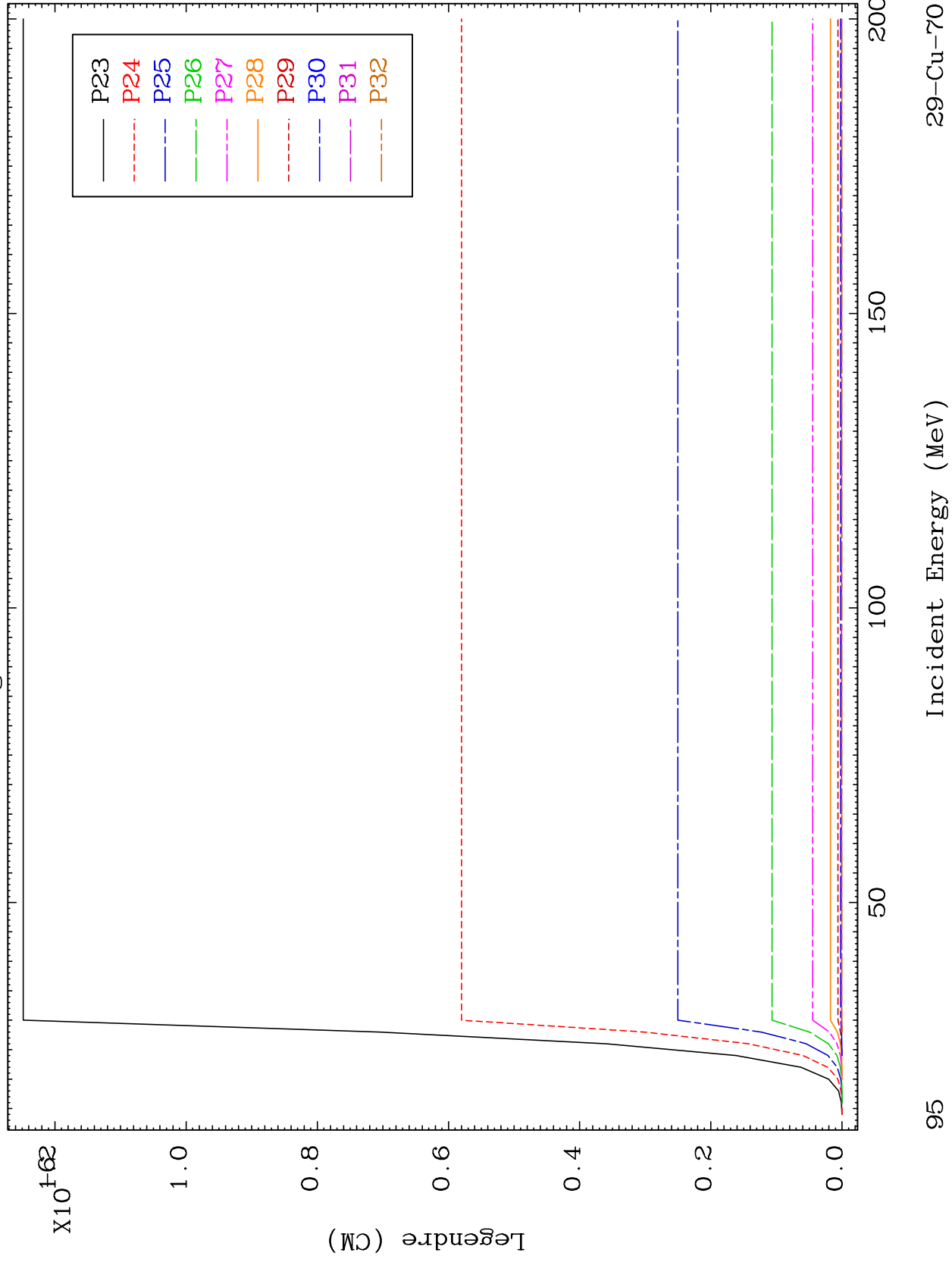
29-Cu-70

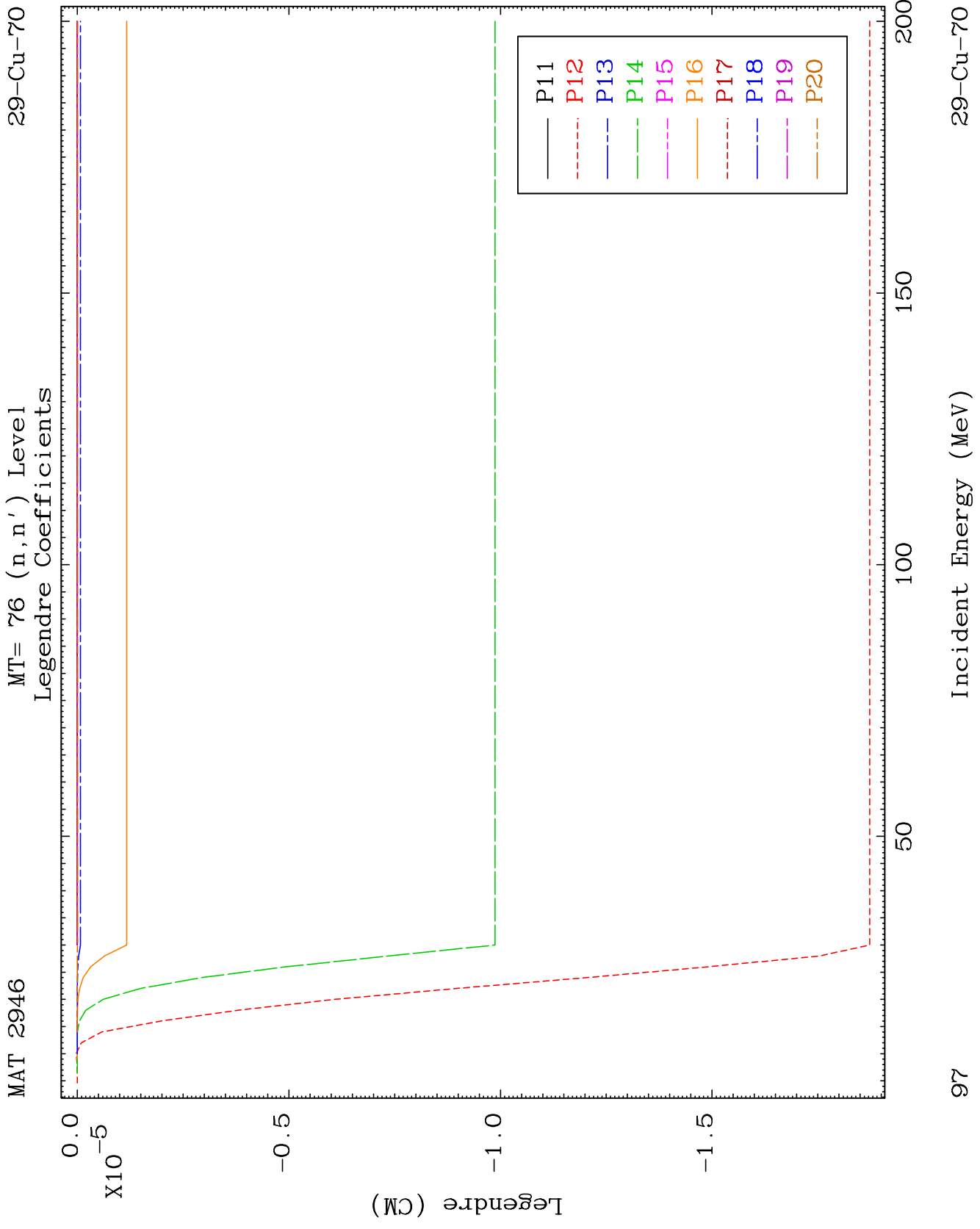


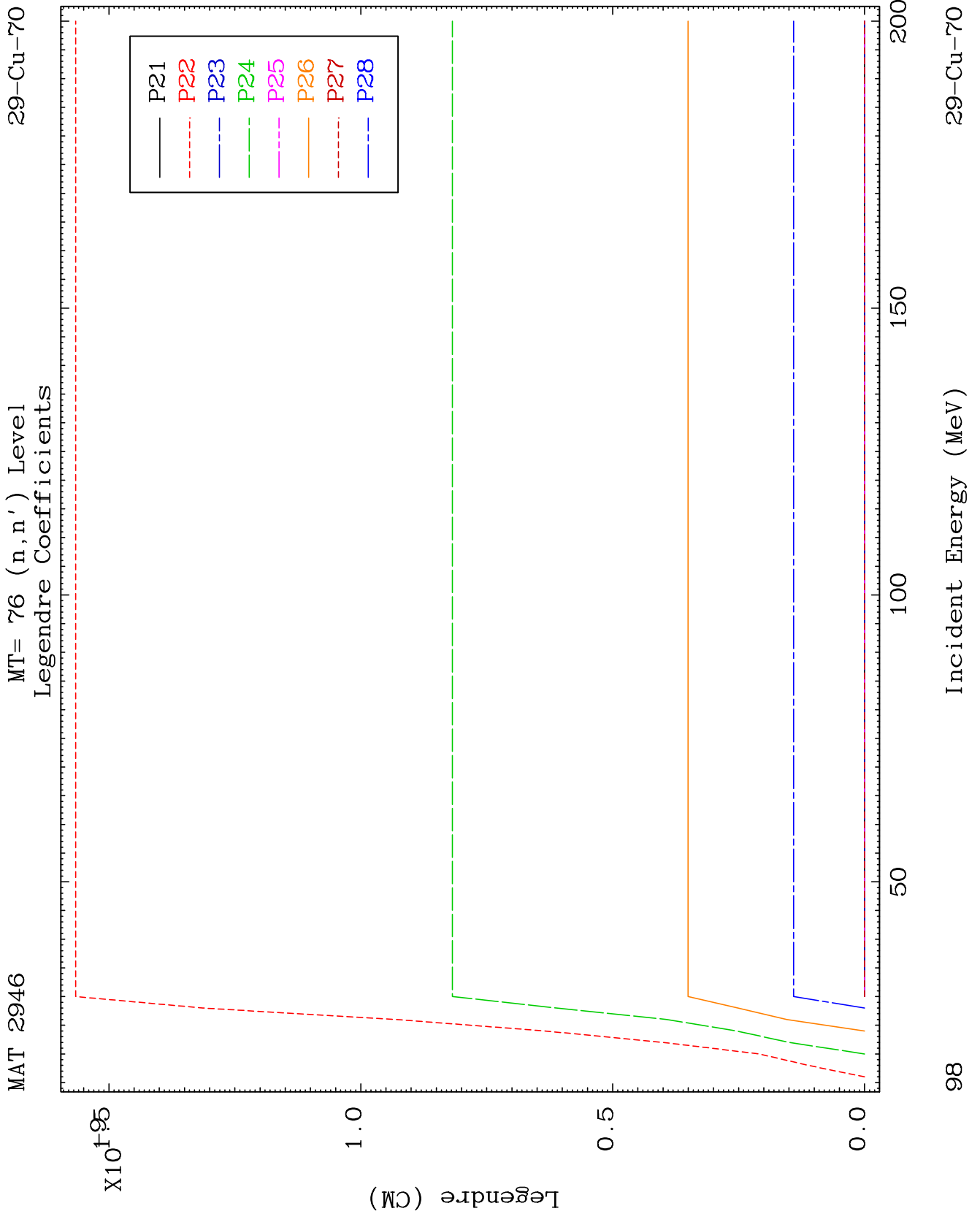
MAT 2946

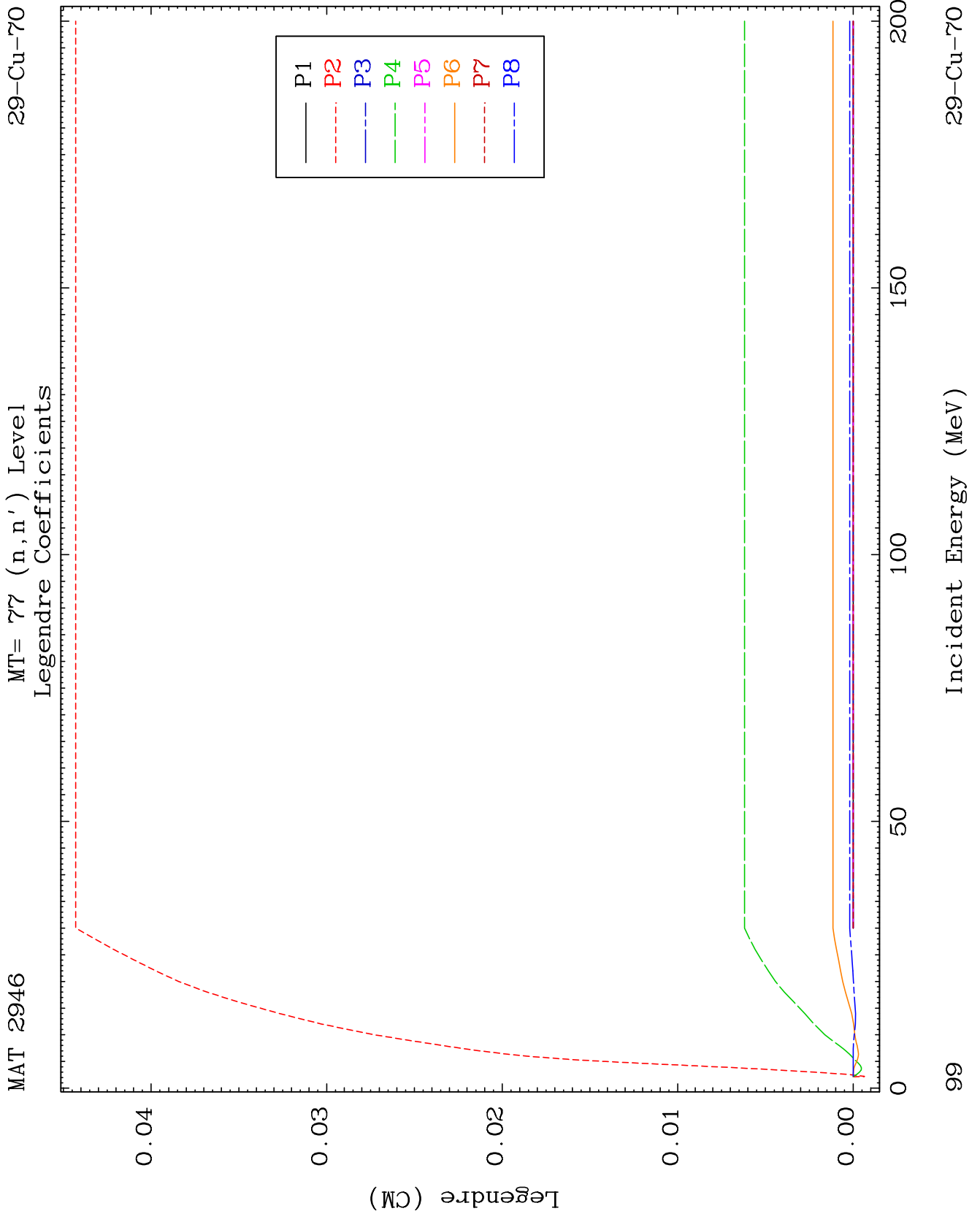
MT= 75 (n,n') Level
Legendre Coefficients

29-Cu-70





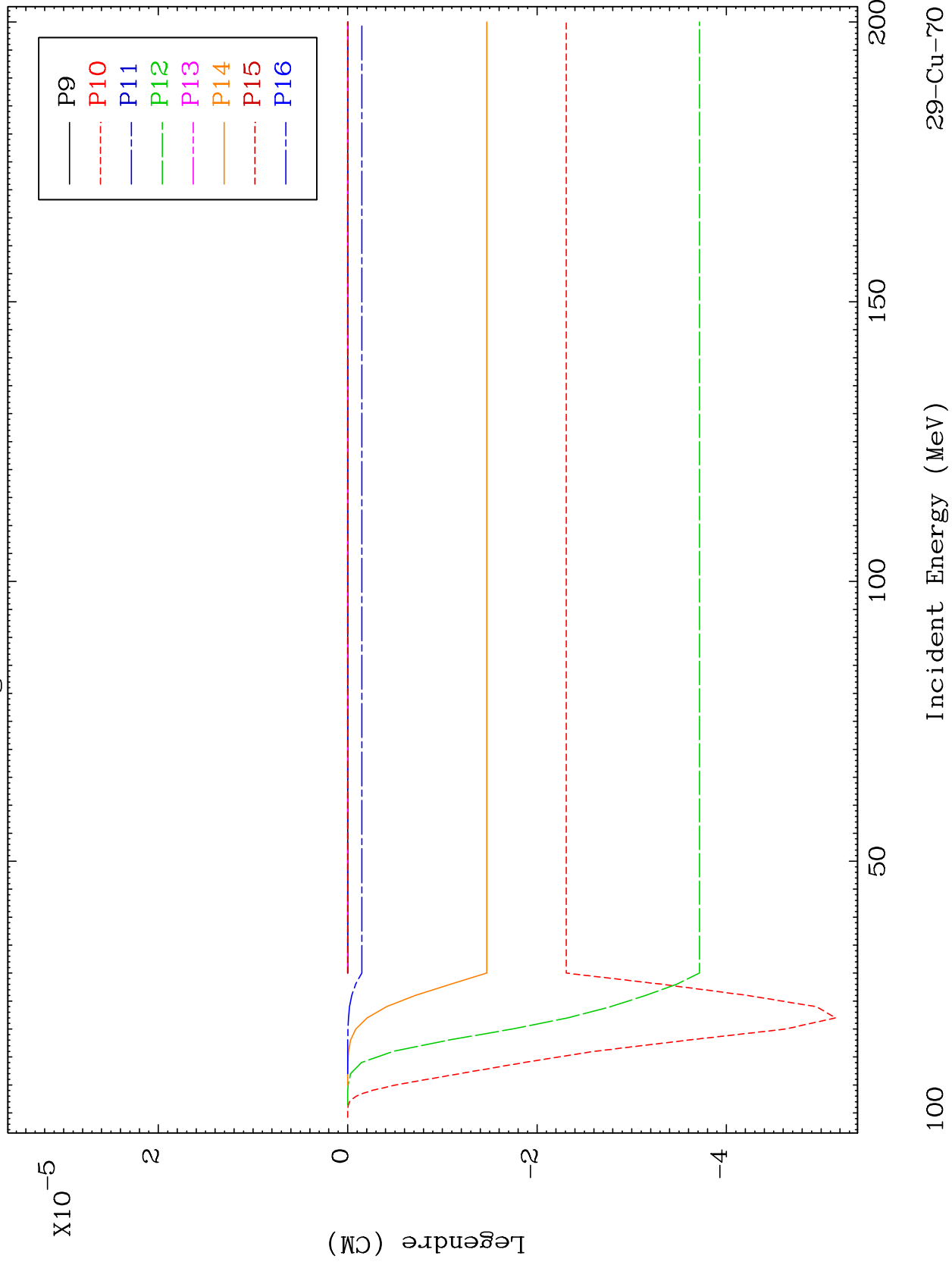


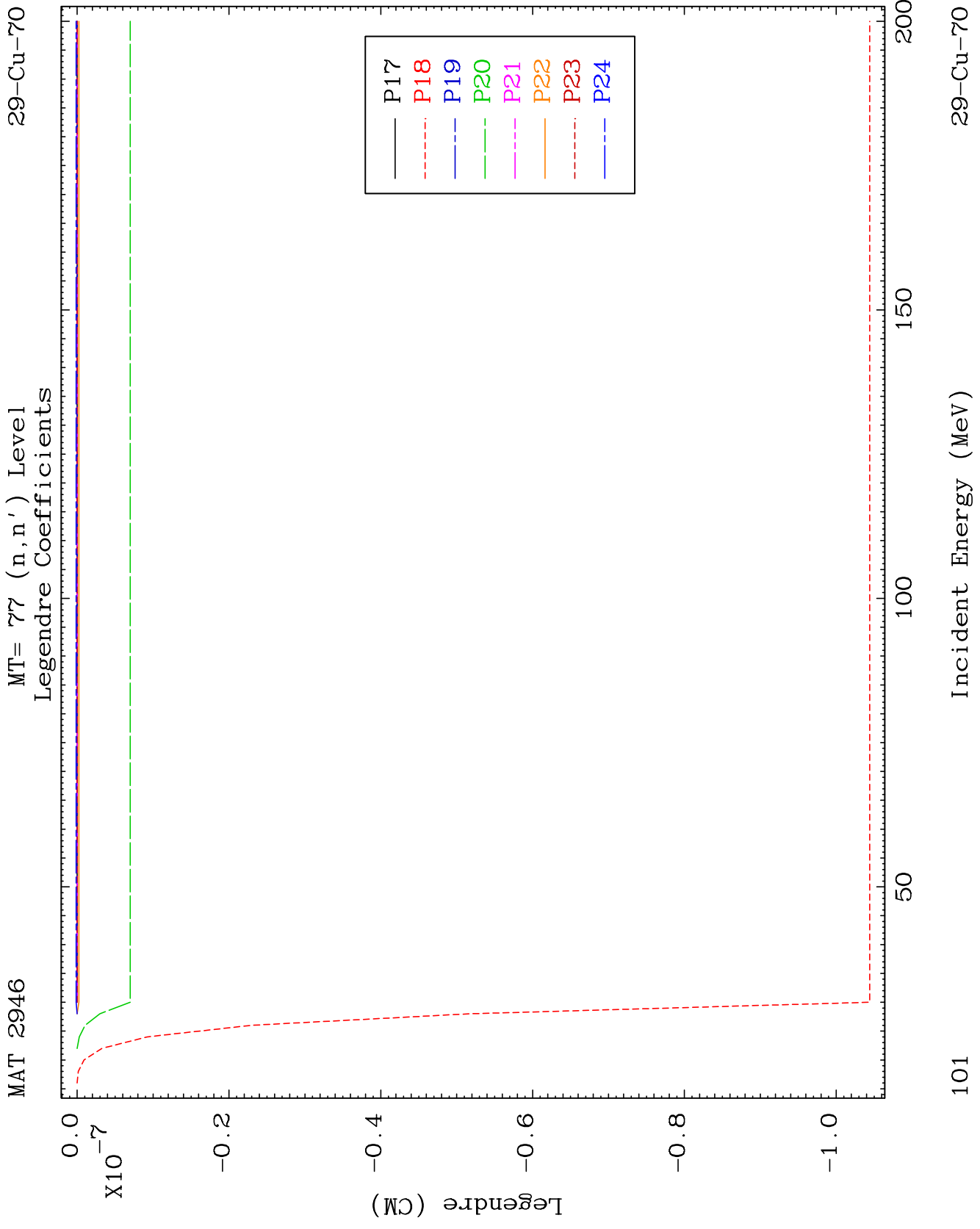


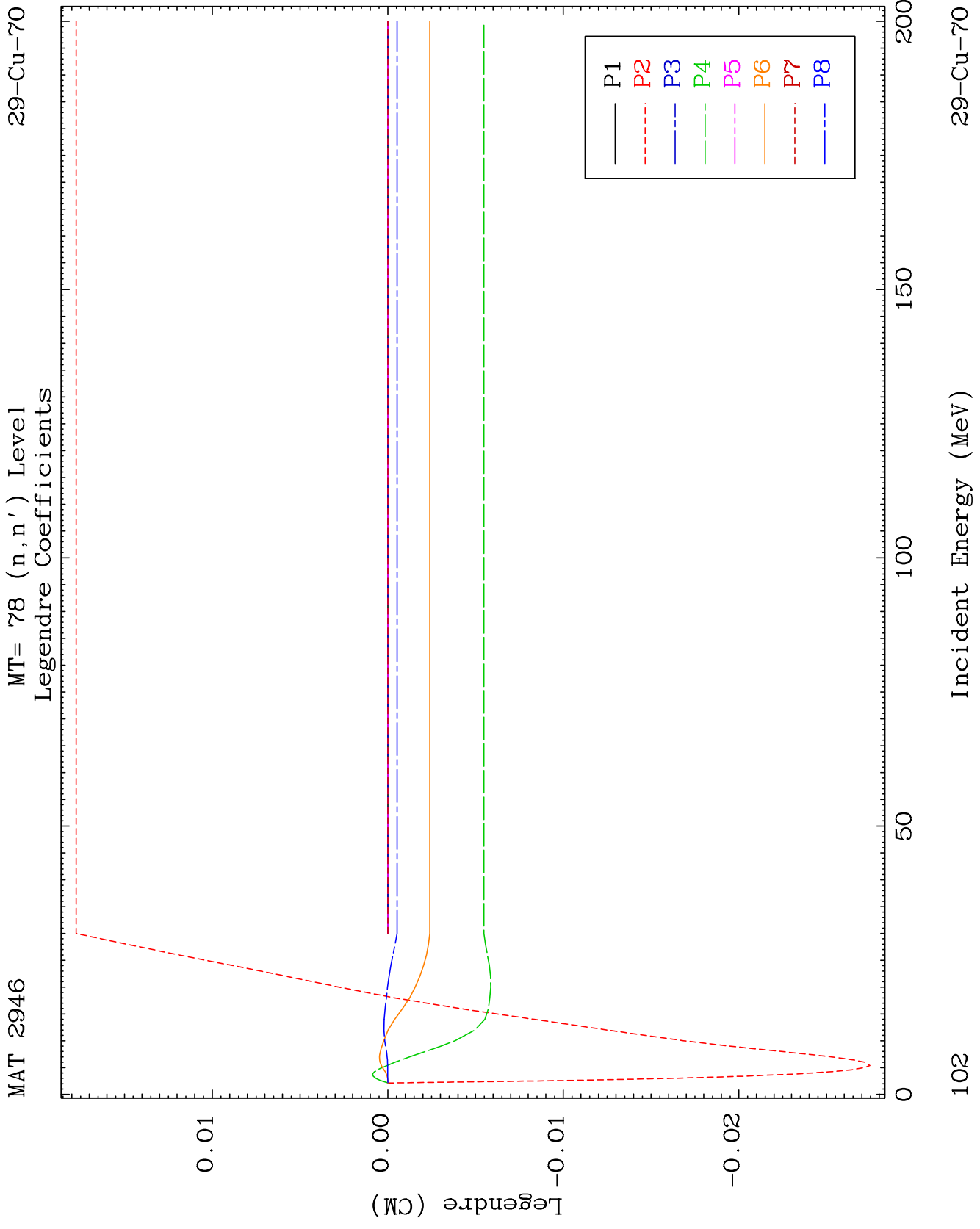
MAT 2946

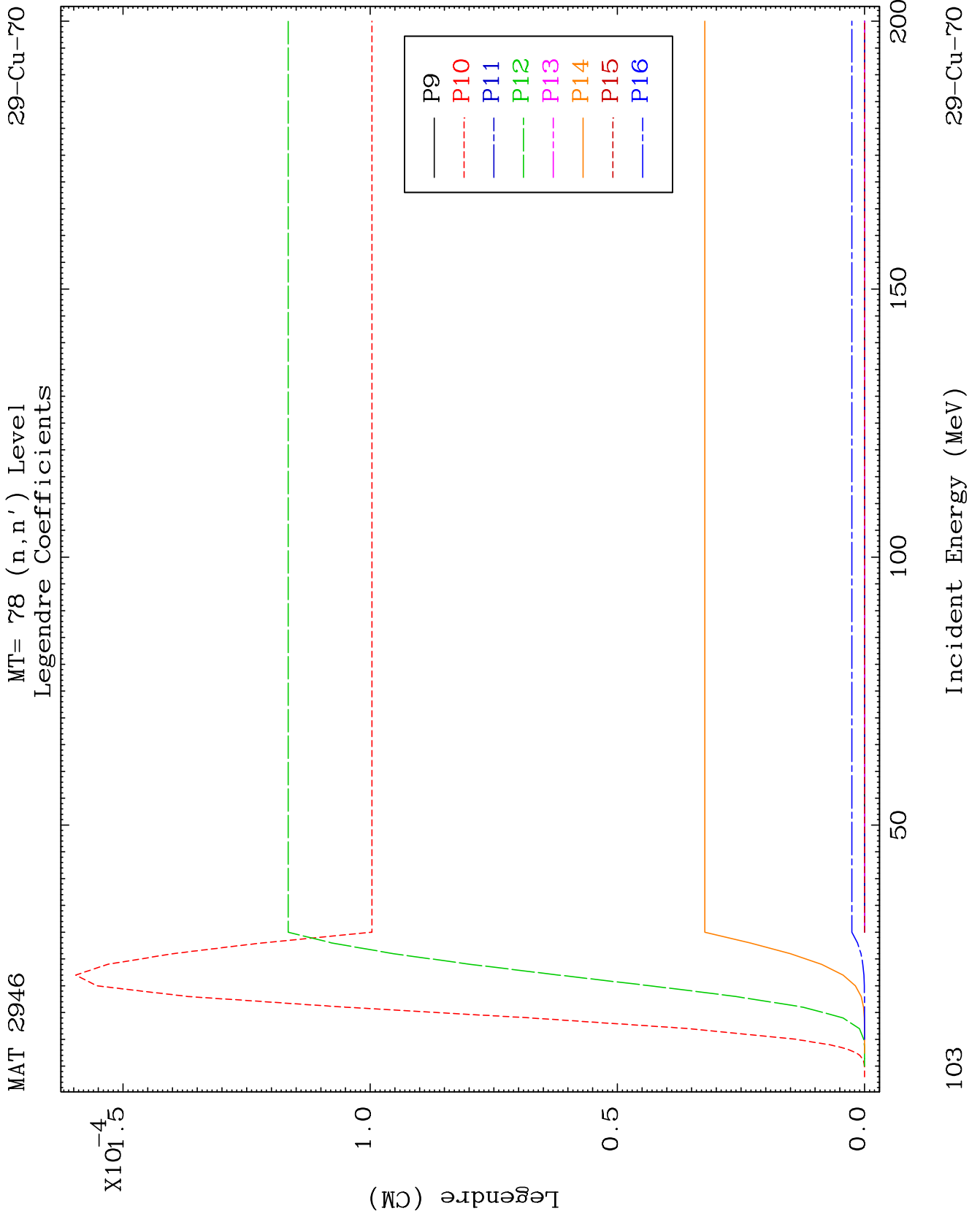
MT= 77 (n,n') Level
Legendre Coefficients

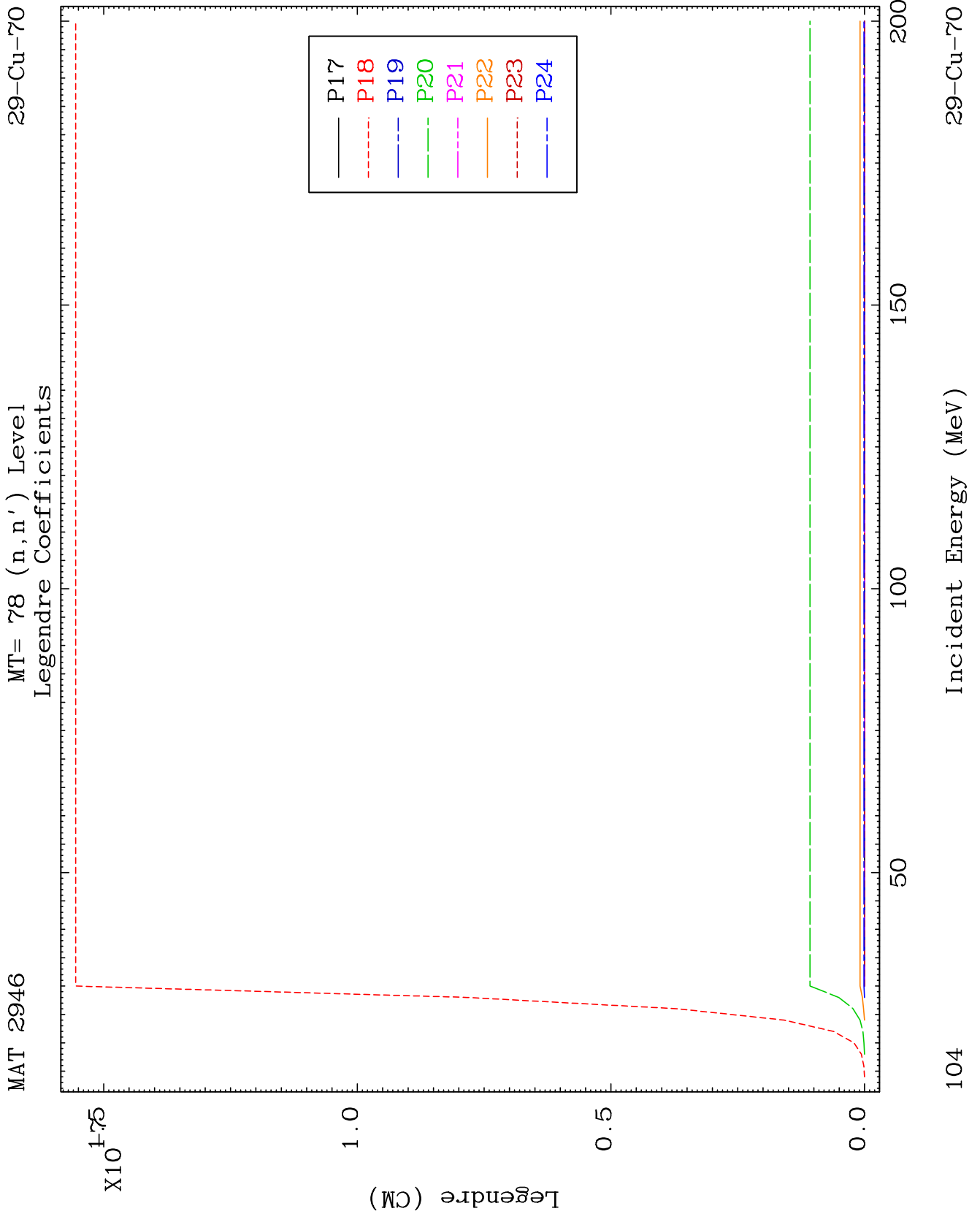
29-Cu-70







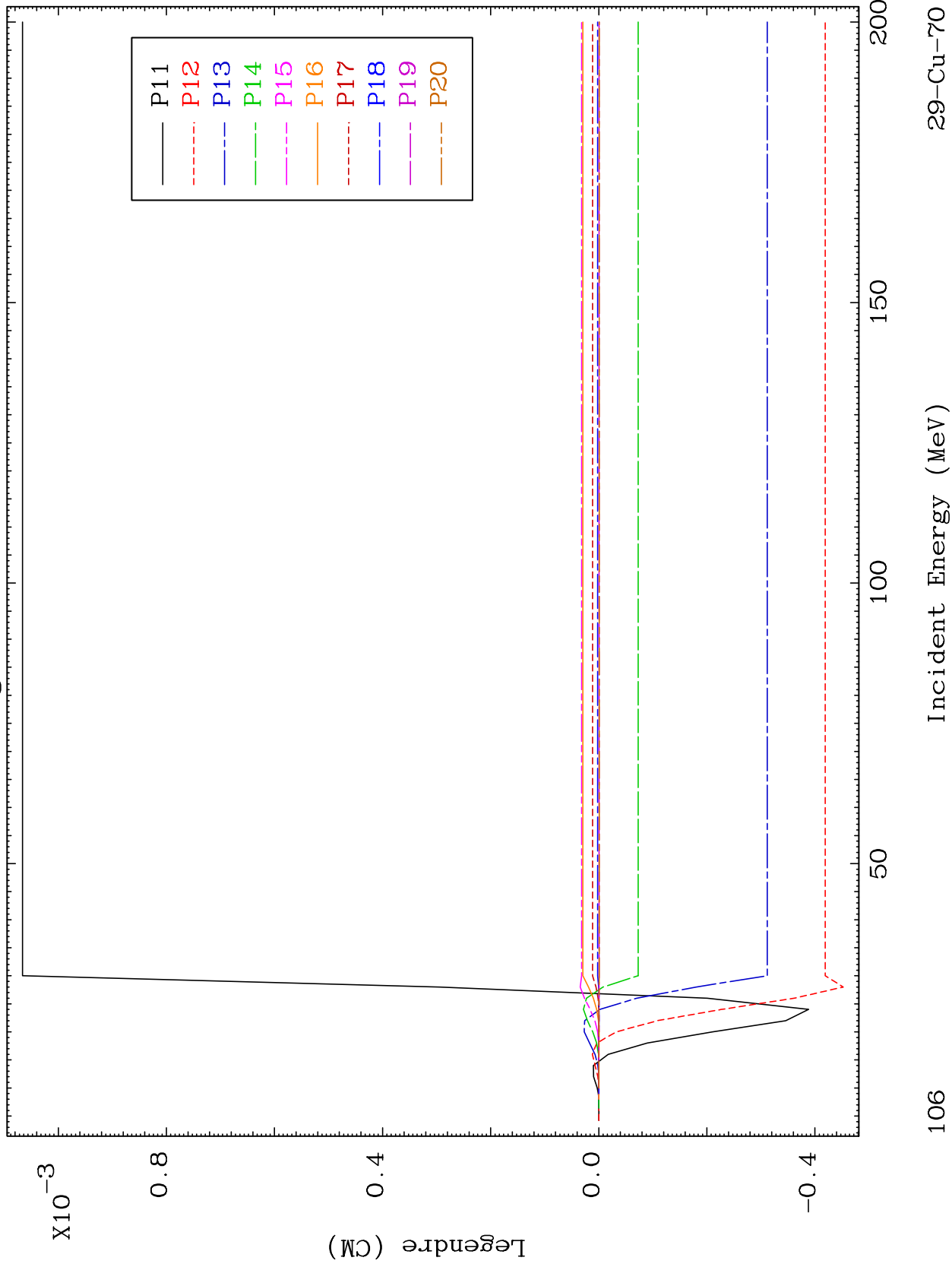




MAT 2946

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

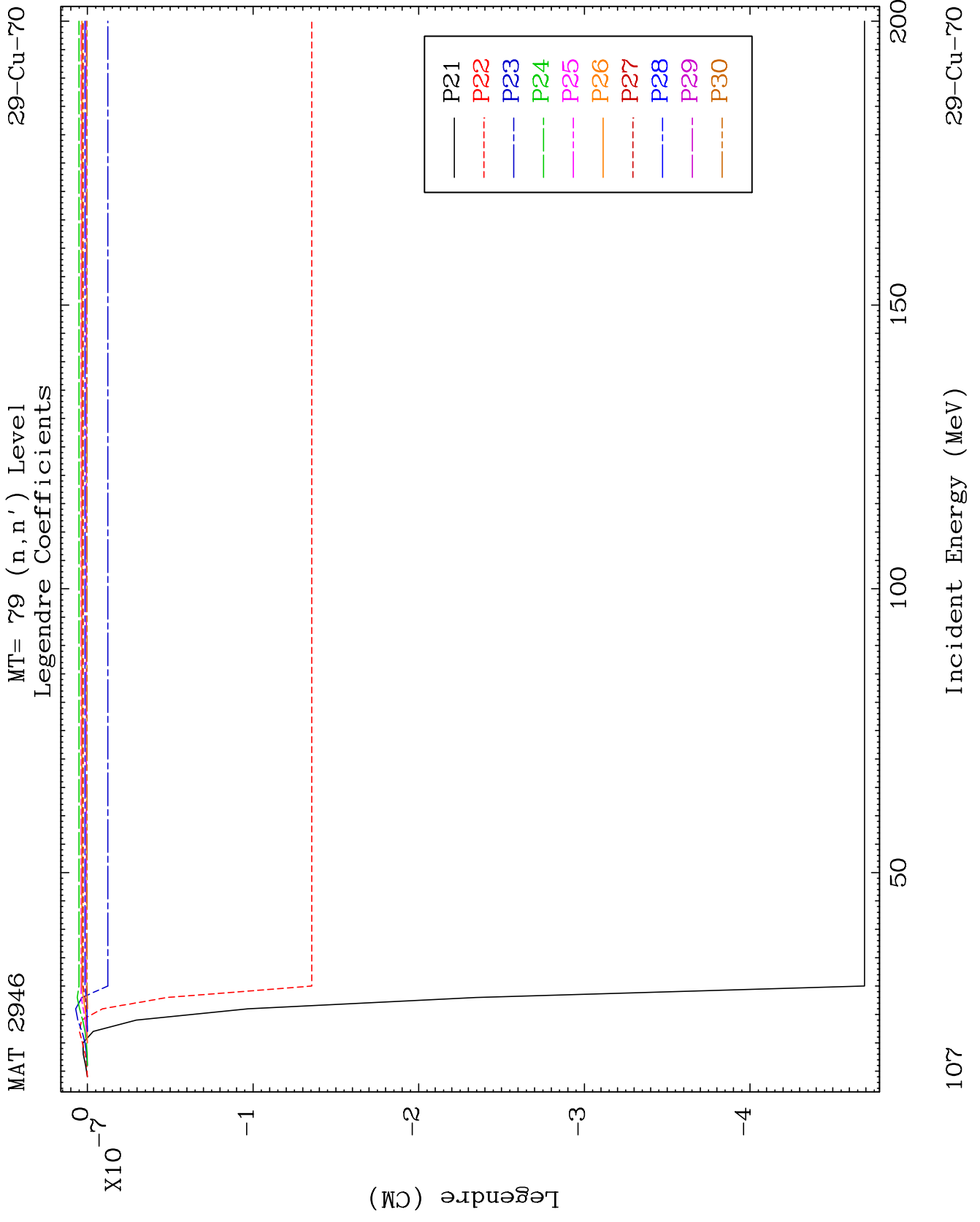
29-Cu-70

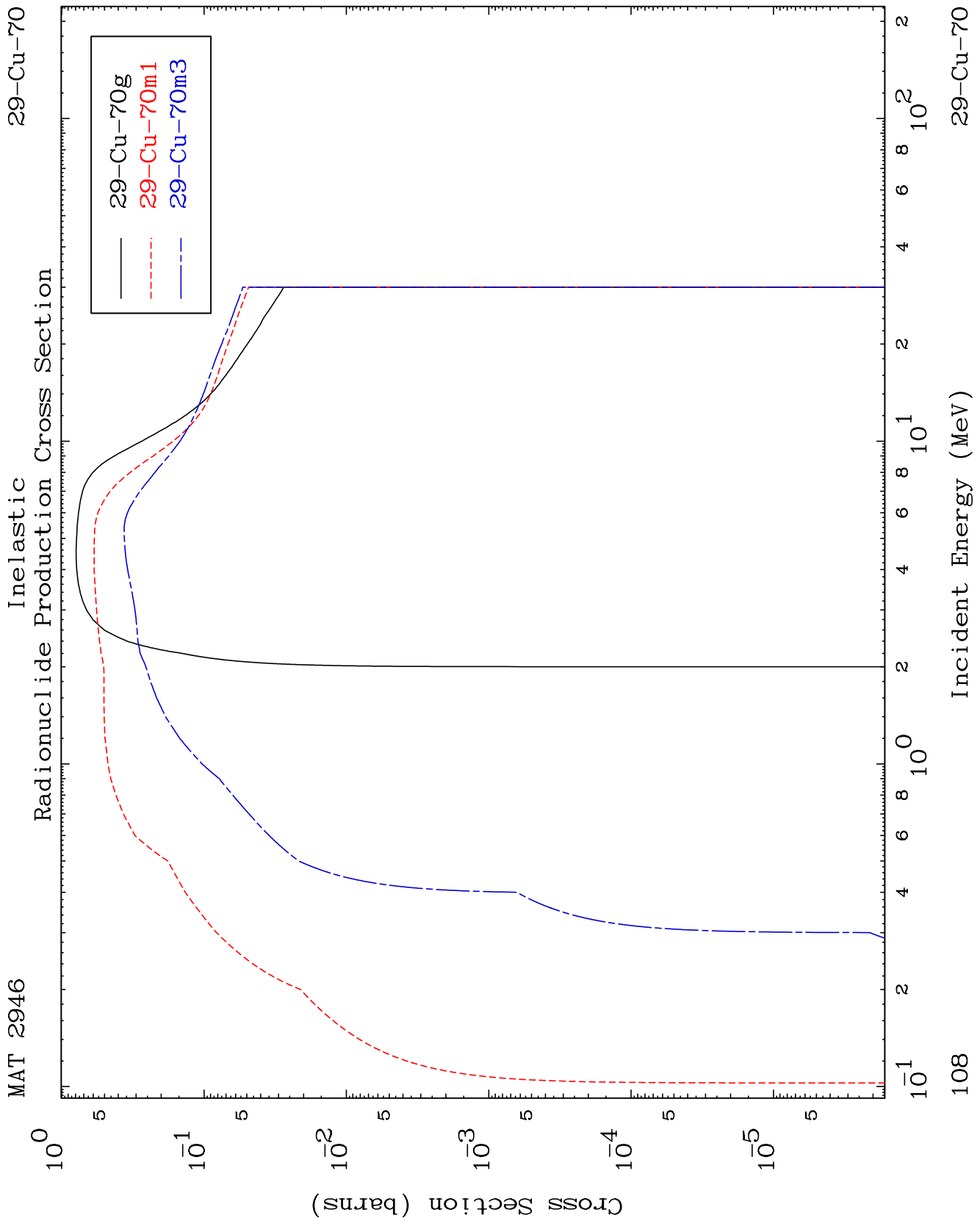


106

Incident Energy (MeV)

29-Cu-70



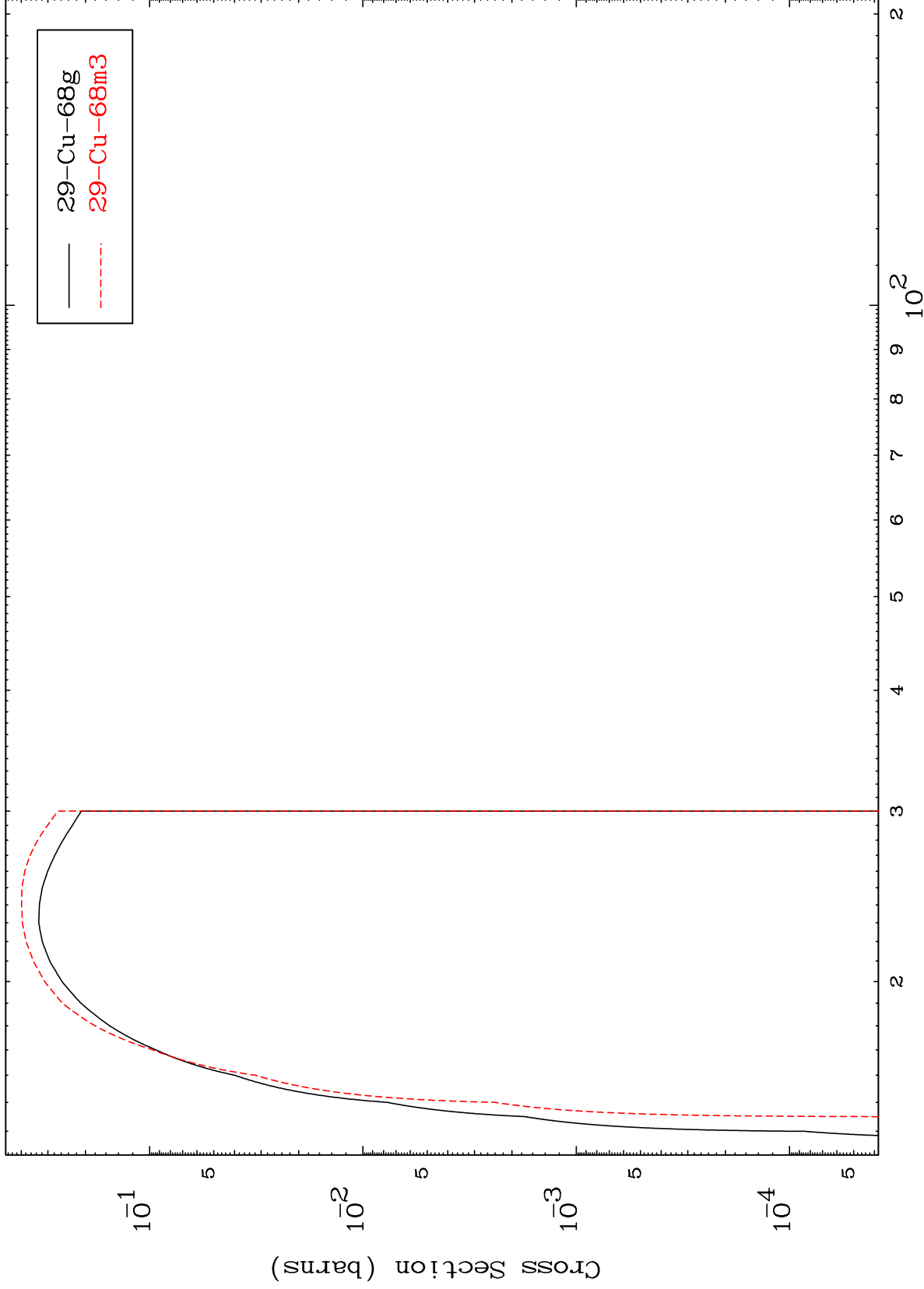


MAT 2946

(n,3n)

29-Cu-70

Radionuclide Production Cross Section



109

Incident Energy (MeV)

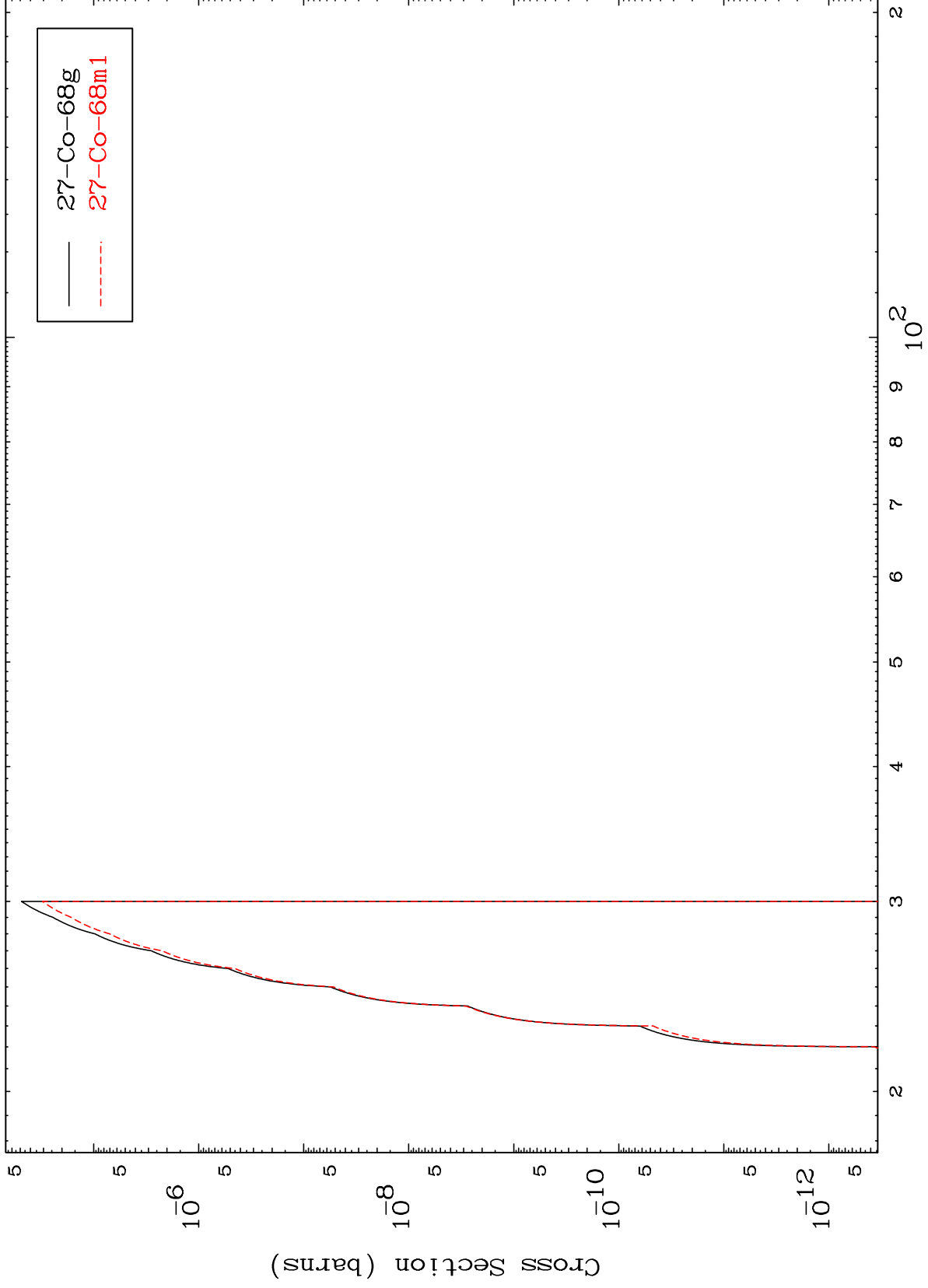
29-Cu-70

MAT 2946

(n,He-3)

29-Cu-70

Radionuclide Production Cross Section



110

Incident Energy (MeV)

29-Cu-70