

Program EVALPLOT  
(Version 2021-1)

by

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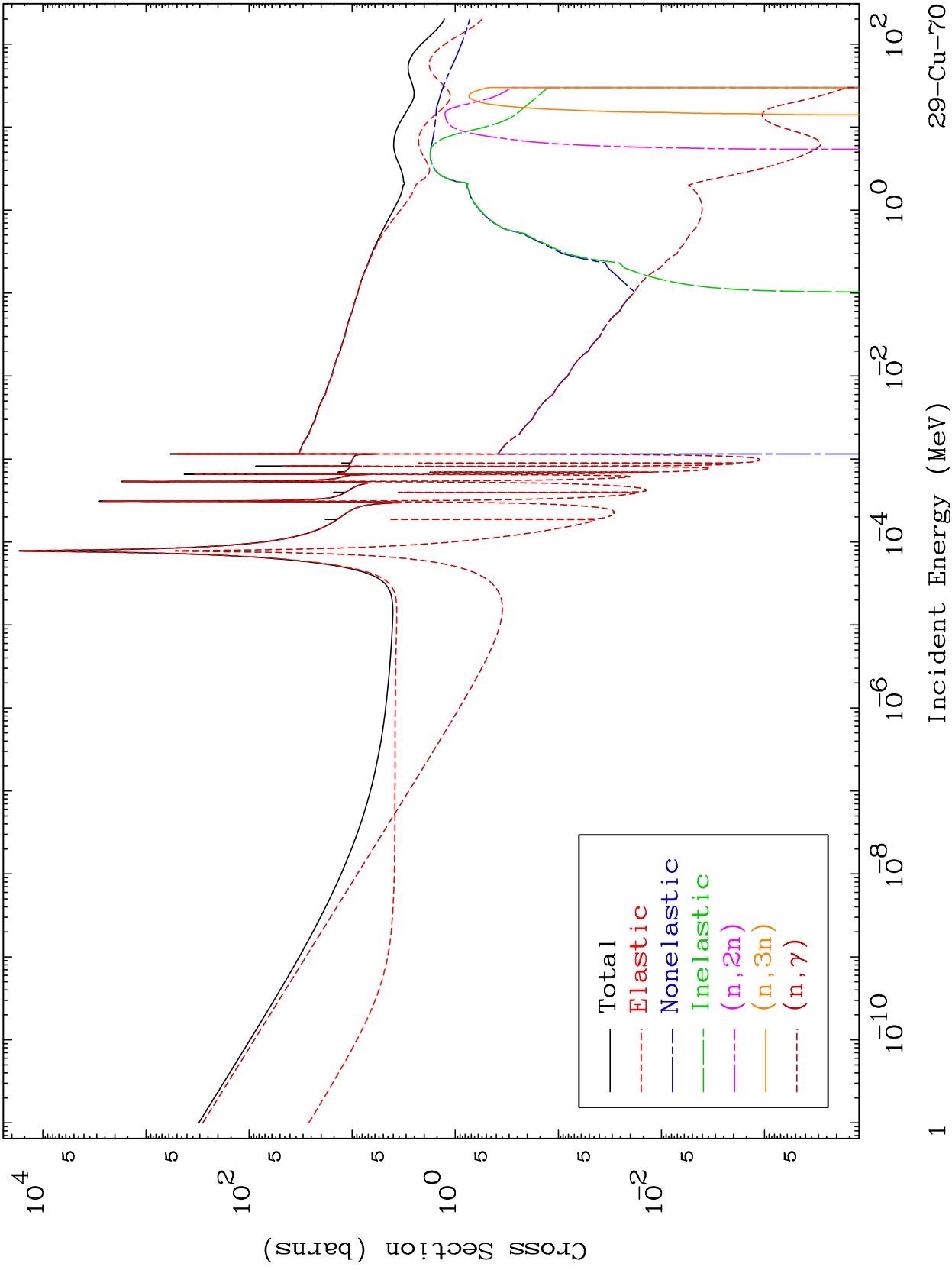
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2946

Neutron Major  
293 Kelvin Cross Sections

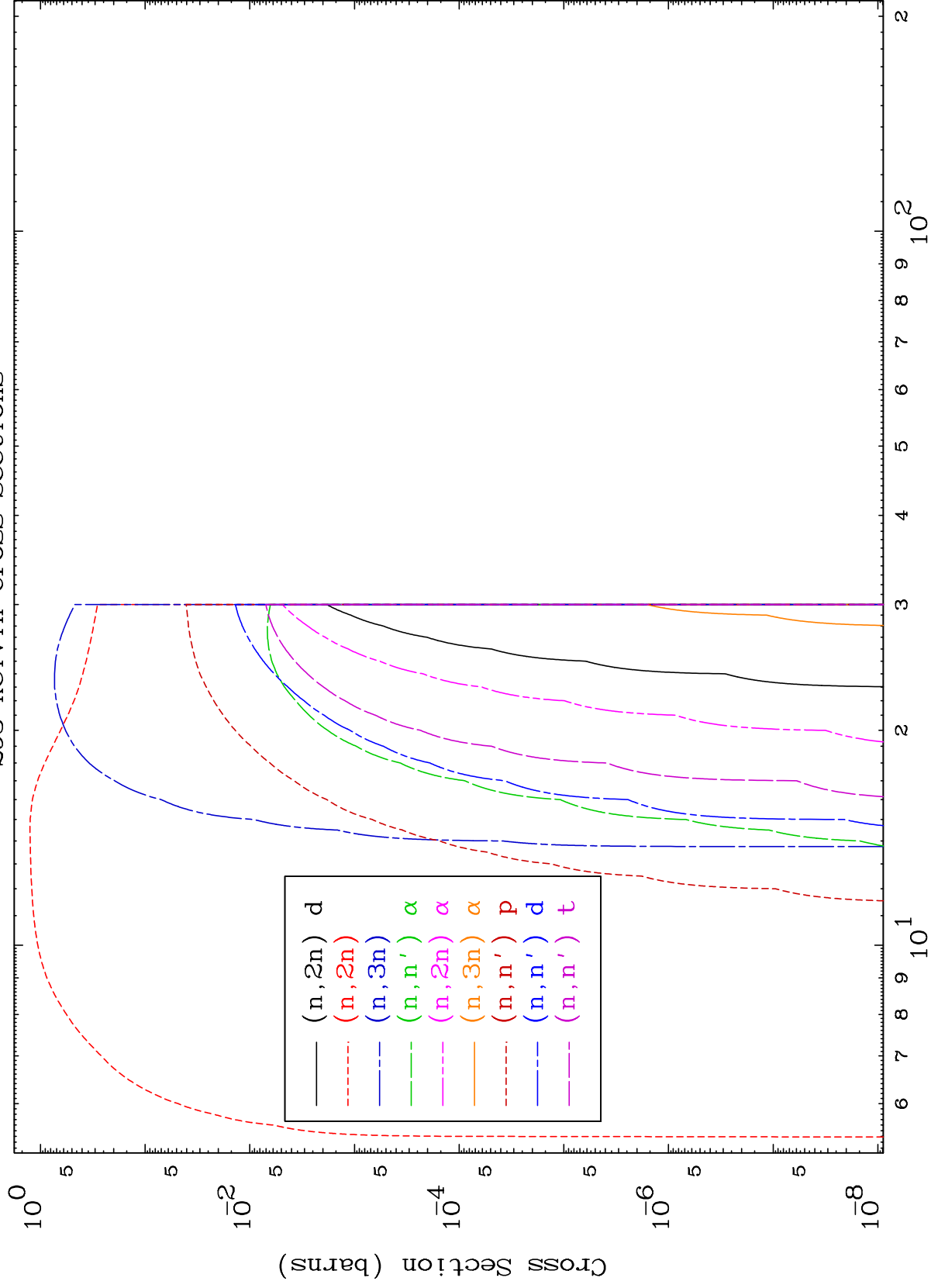
29-Cu-70



MAT 2946

Neutron Absorption  
293 Kelvin Cross Sections

29-Cu-70



2

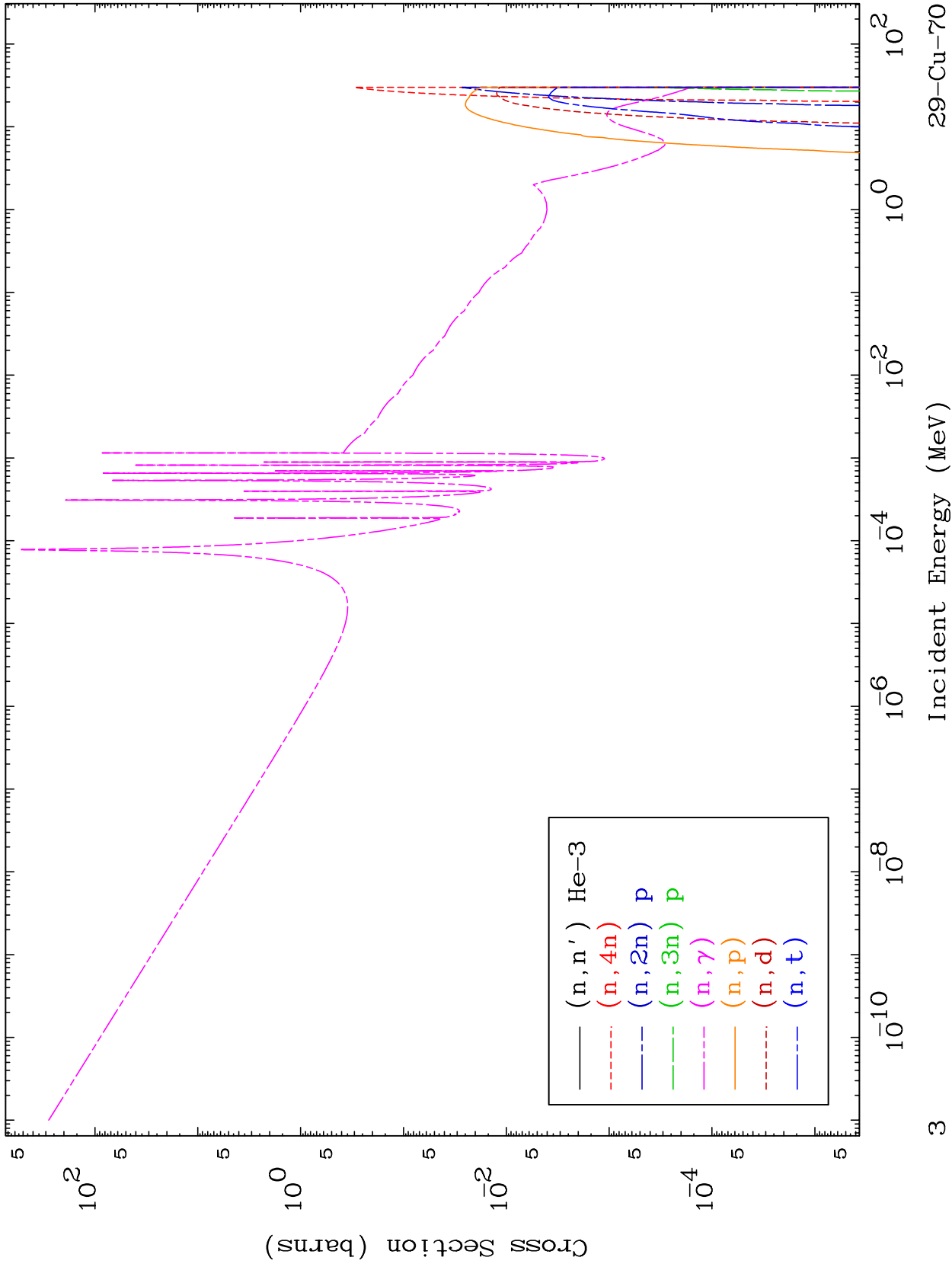
Incident Energy (MeV)

29-Cu-70

MAT 2946

Neutron Absorption  
293 Kelvin Cross Sections

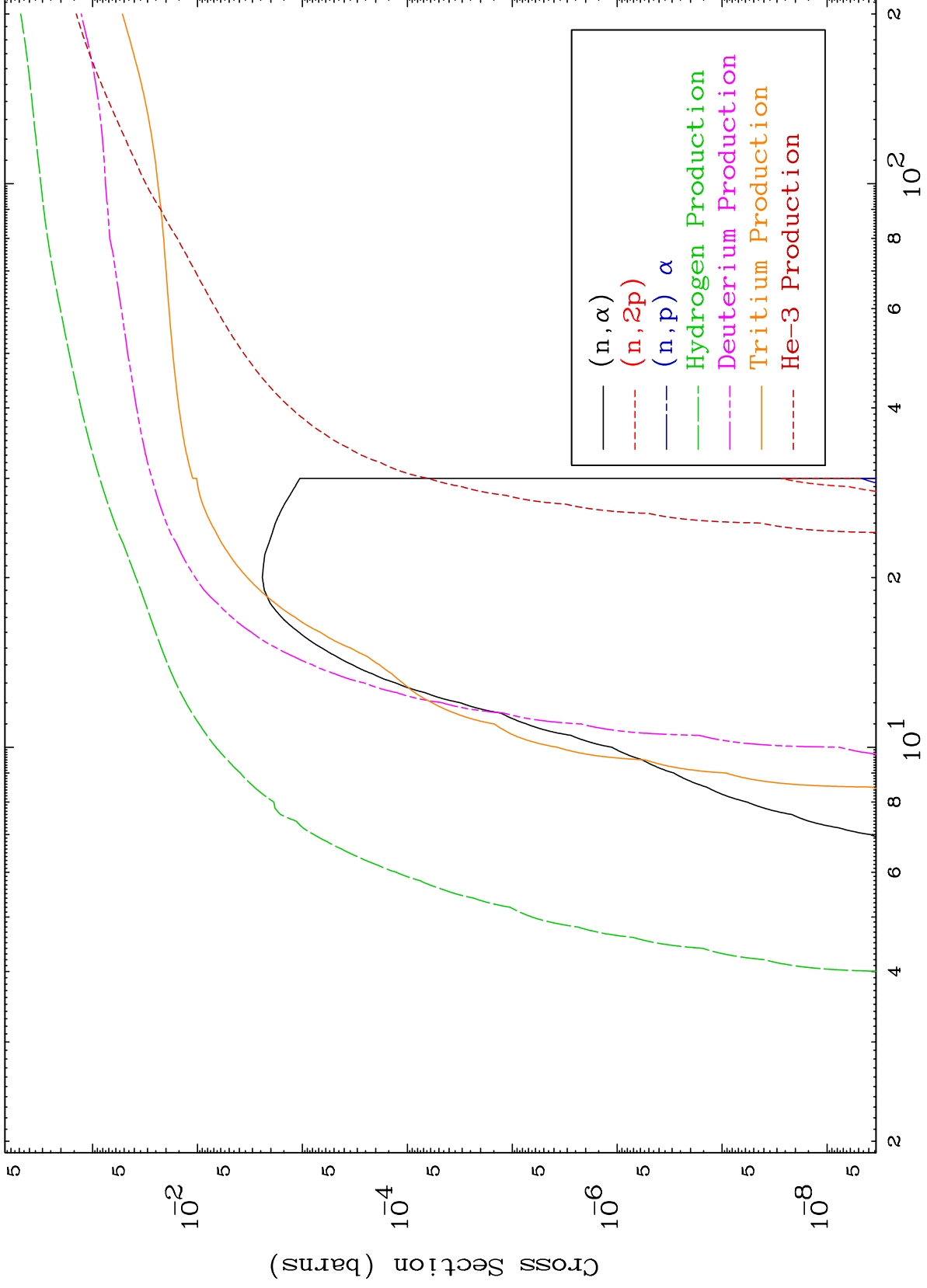
29-Cu-70



MAT 2946

Neutron Absorption  
293 Kelvin Cross Sections

29-Cu-70



4

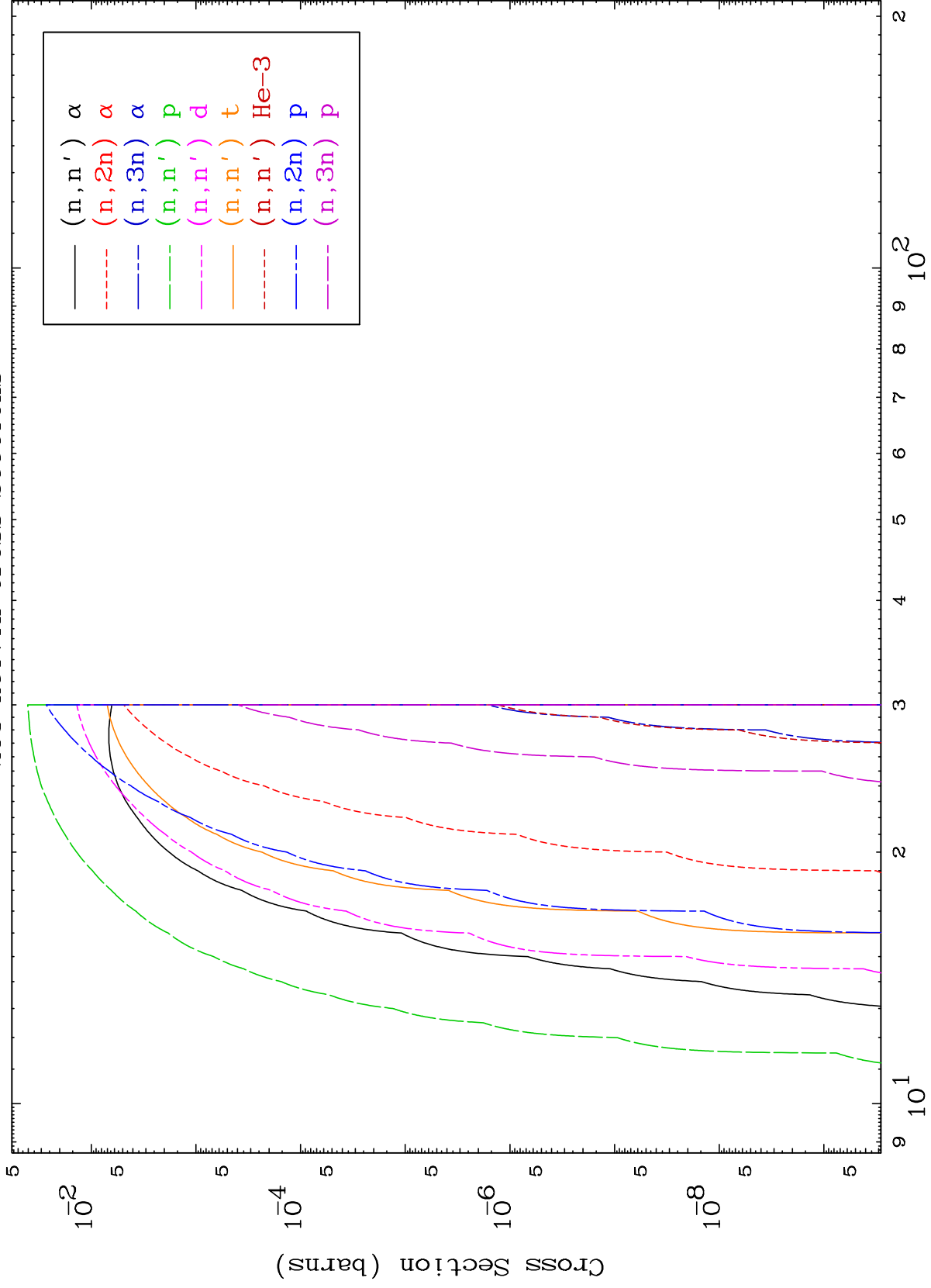
Incident Energy (MeV)

29-Cu-70

MAT 2946

Charged Particle  
293 Kelvin Cross Sections

29-Cu-70



Incident Energy (MeV)

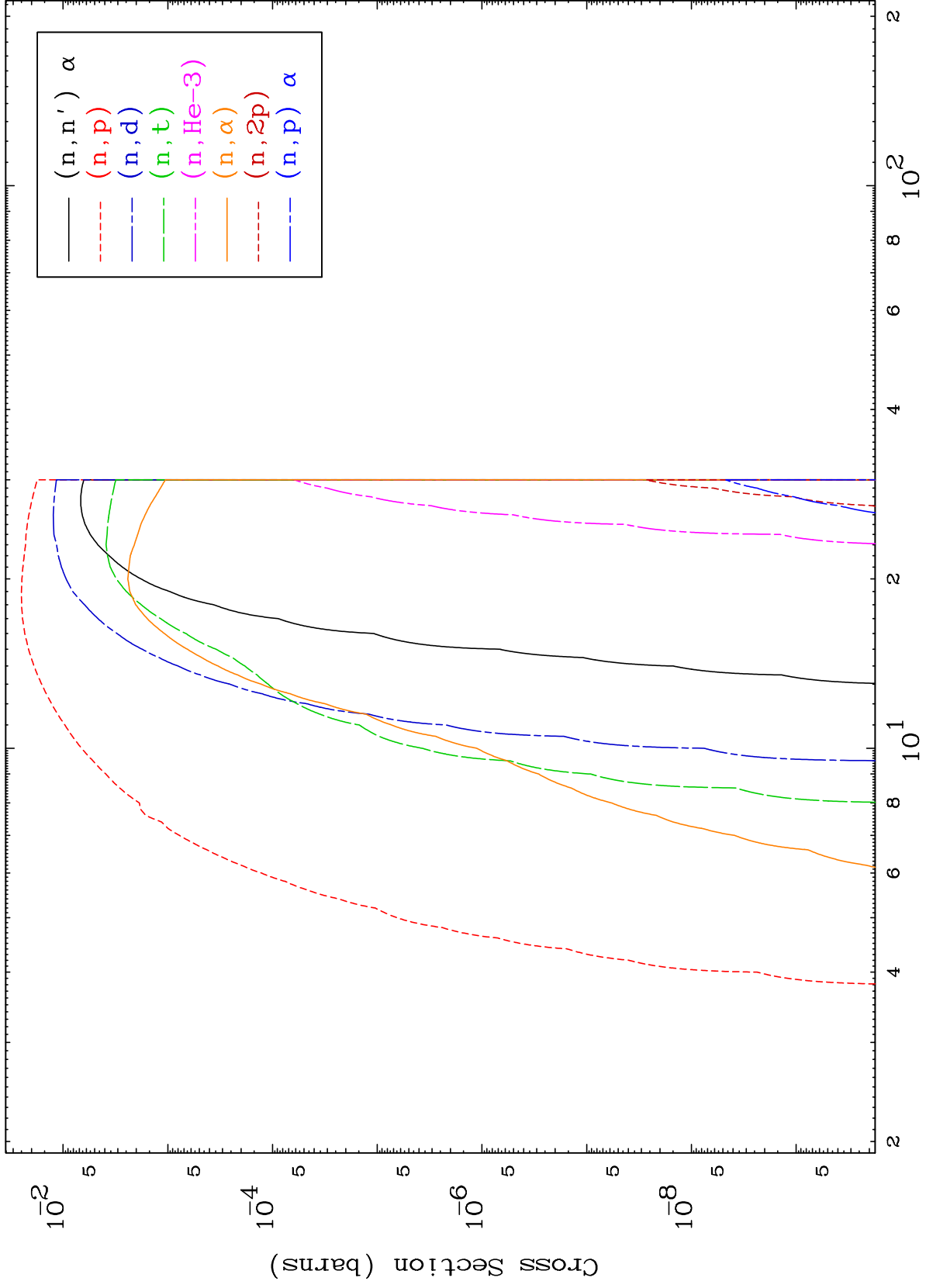
29-Cu-70

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MAT 2946

Charged Particle  
293 Kelvin Cross Sections

29-Cu-70



6

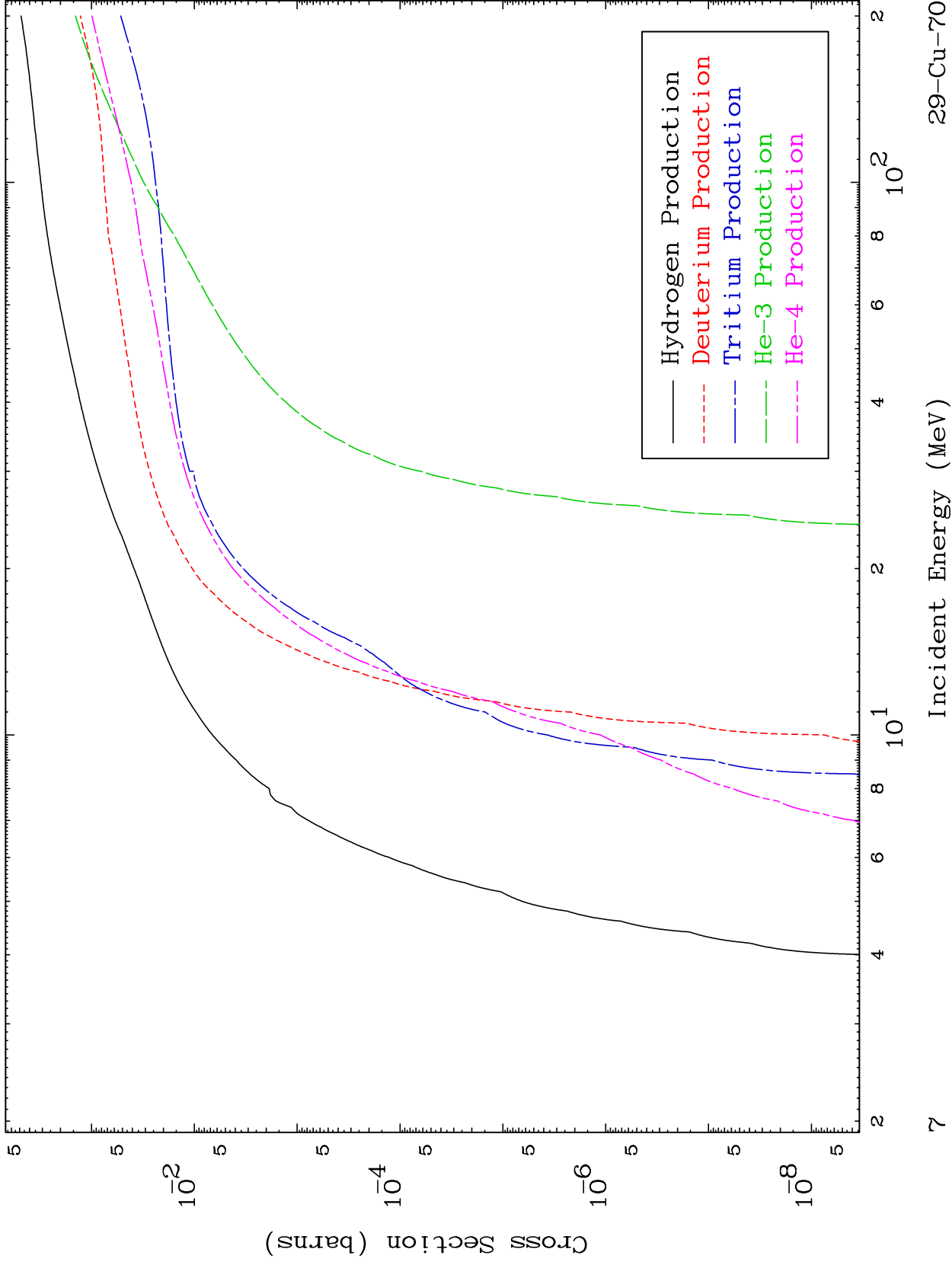
Incident Energy (MeV)

29-Cu-70

MAT 2946

Particle Production  
293 Kelvin Cross Sections

29-Cu-70

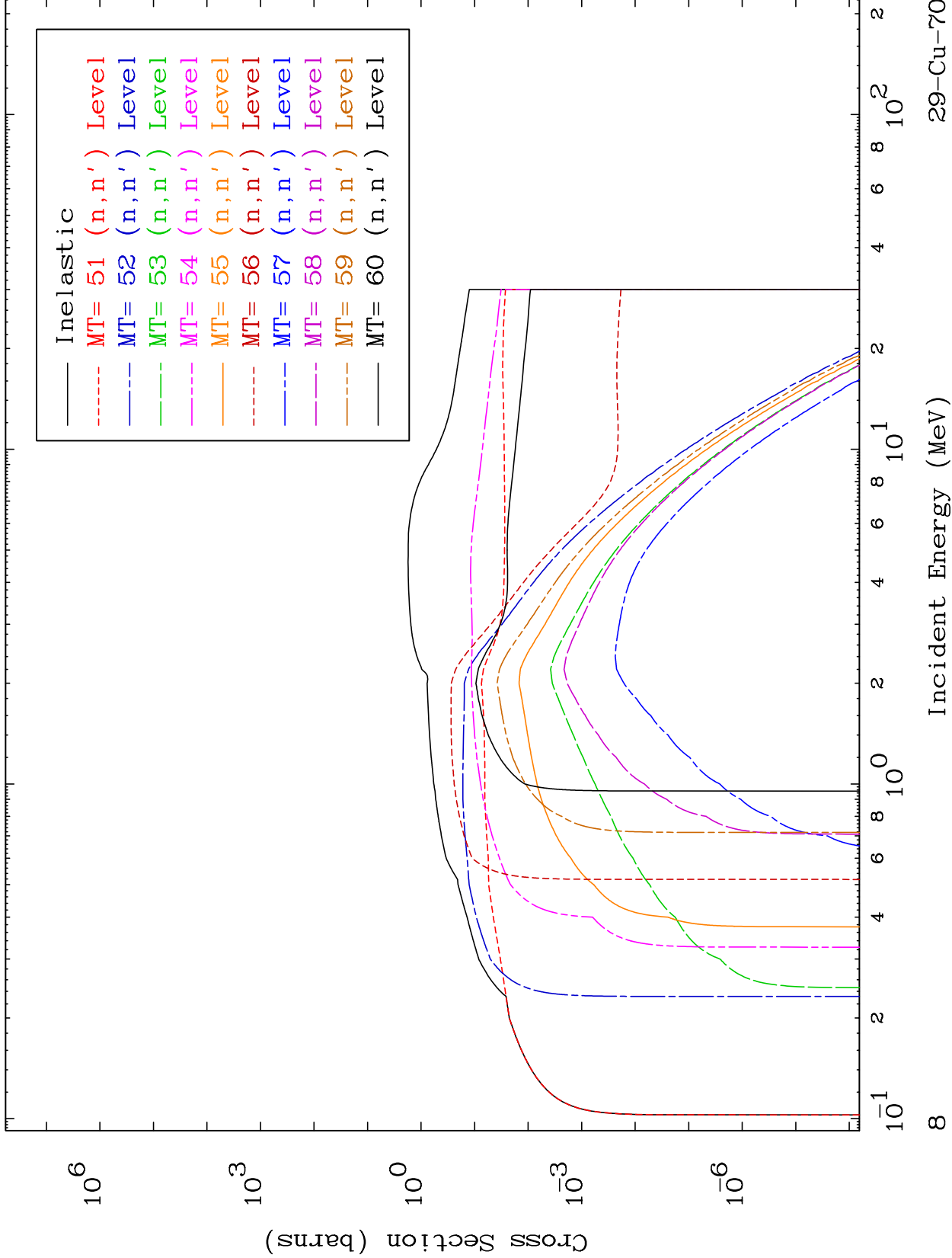




MAT 2946

(n,n') Levels  
293 Kelvin Cross Sections

29-Cu-70



29-Cu-70

Incident Energy (MeV)

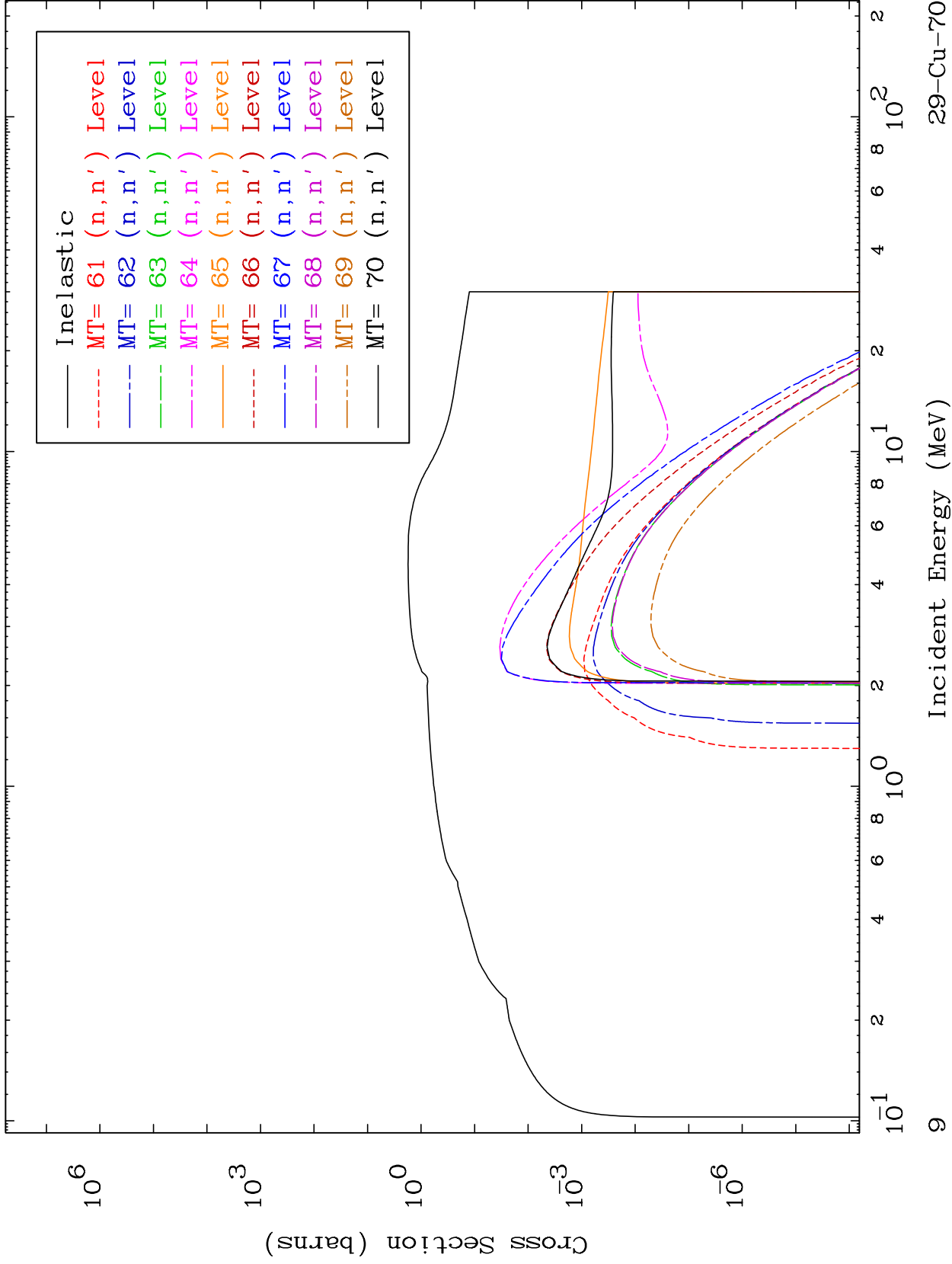
8

MAT 2946

(n,n') Levels

29-Cu-70

293 Kelvin Cross Sections



Incident Energy (MeV)

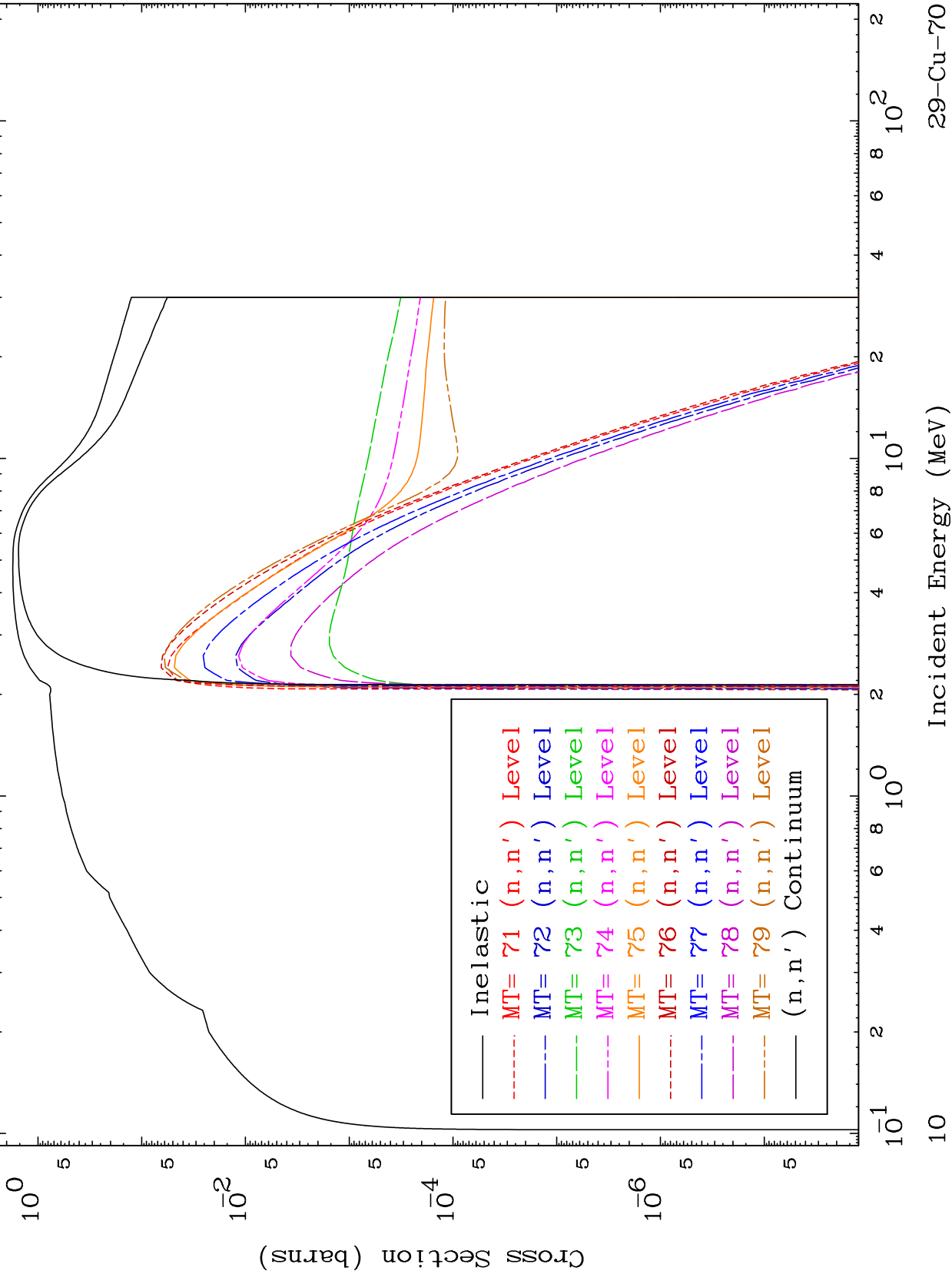
29-Cu-70

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MAT 2946

293 Kelvin Cross Sections  
(n,n') Levels

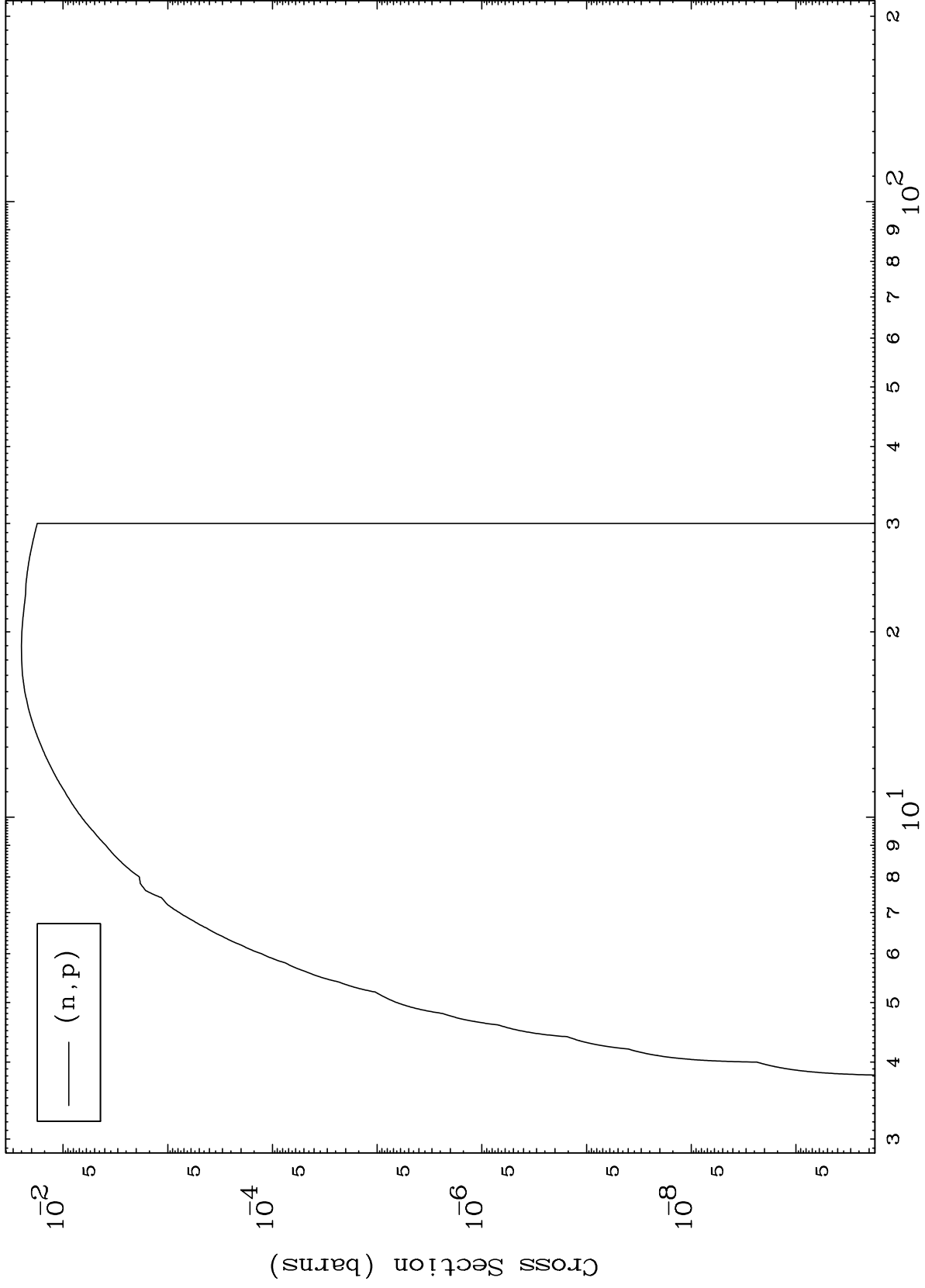
29-Cu-70



MAT 2946

(n,p) Levels  
293 Kelvin Cross Sections

29-Cu-70



11

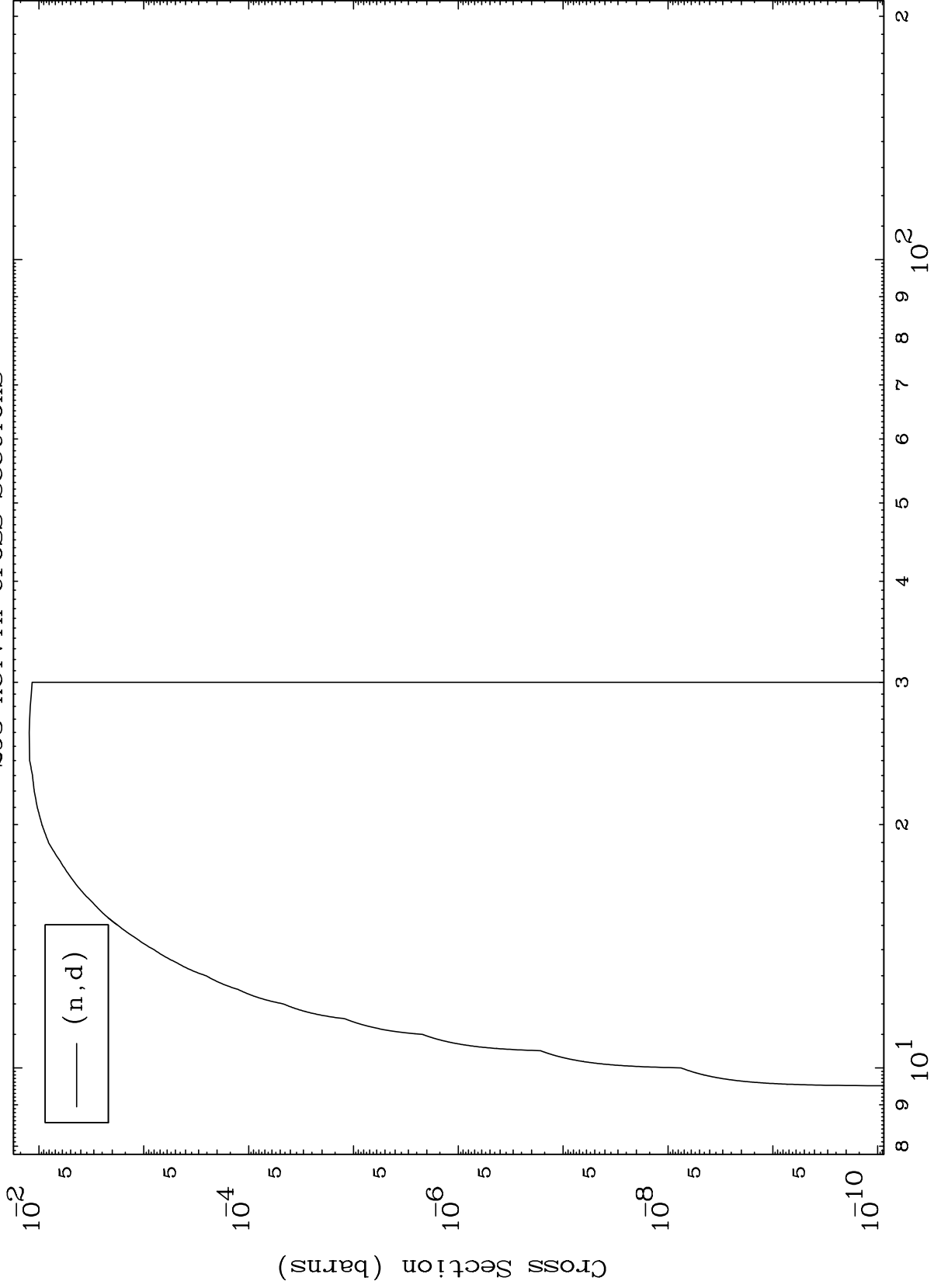
Incident Energy (MeV)

29-Cu-70

MAT 2946

(n,d) Levels  
293 Kelvin Cross Sections

29-Cu-70



12

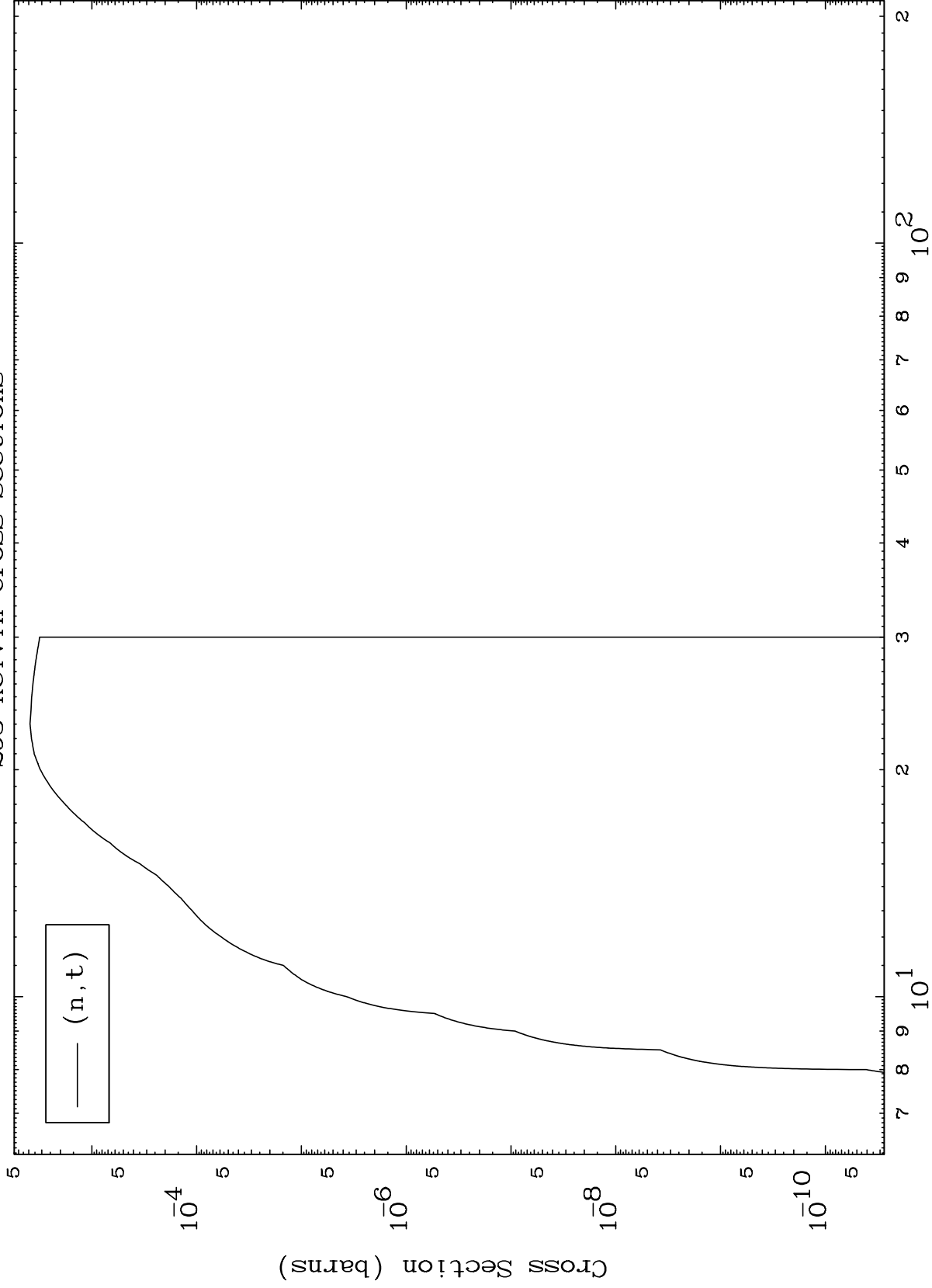
Incident Energy (MeV)

29-Cu-70

MAT 2946

(n, t) Levels  
293 Kelvin Cross Sections

29-Cu-70



13

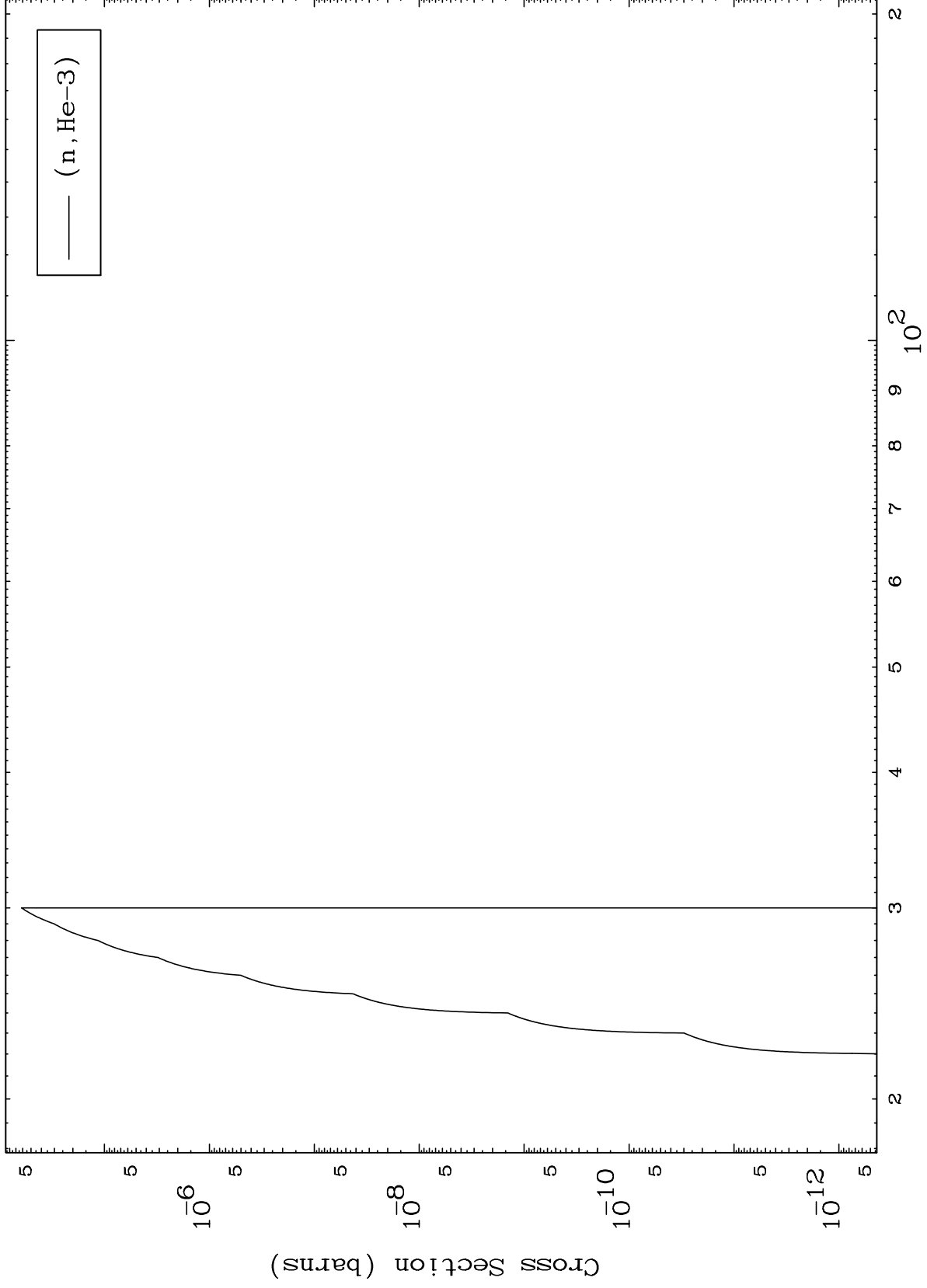
Incident Energy (MeV)

29-Cu-70

MAT 2946

(n,He3) Levels  
293 Kelvin Cross Sections

29-Cu-70



14

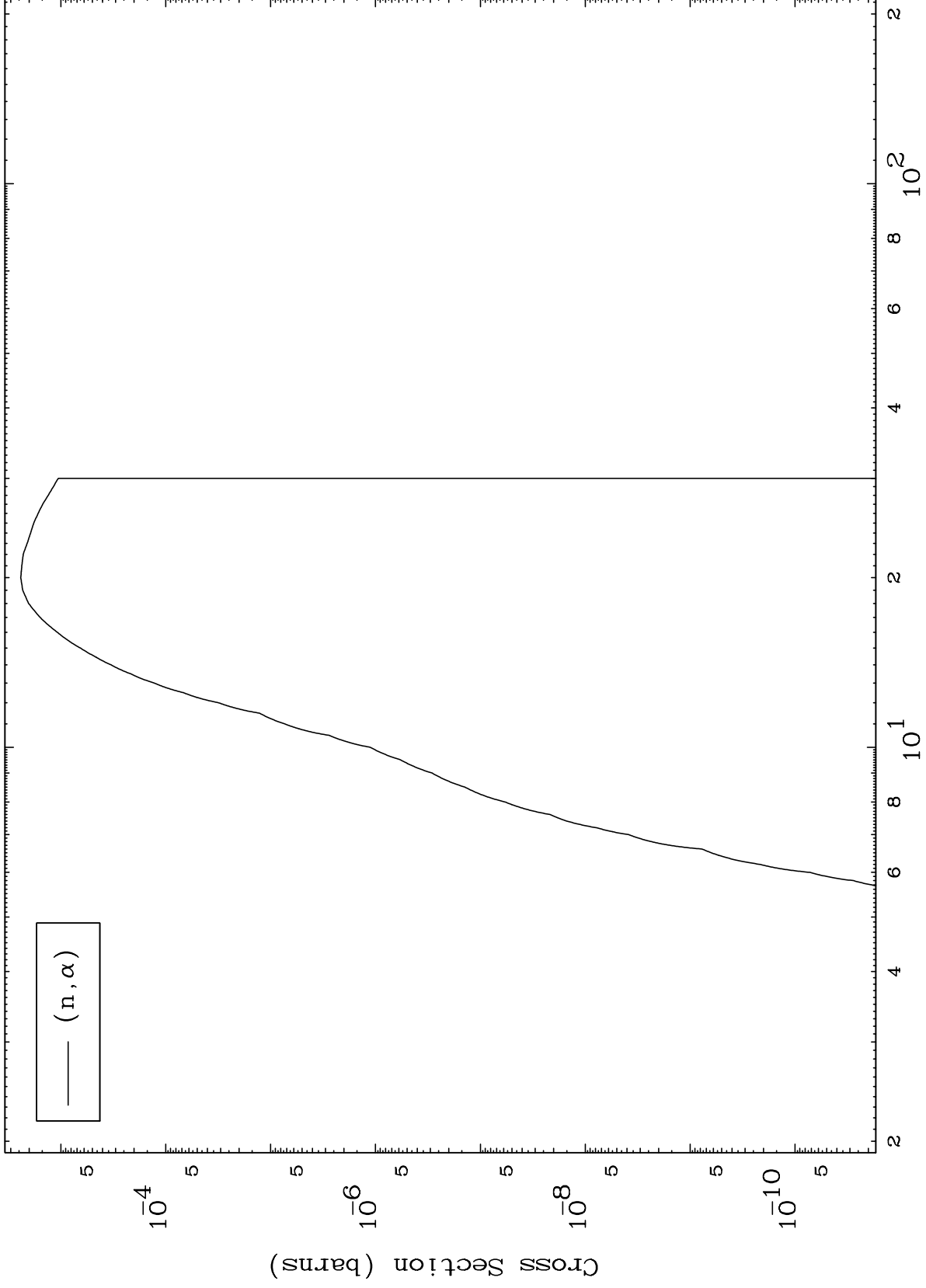
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

29-Cu-70



(n,  $\alpha$ )

15

Incident Energy (MeV)

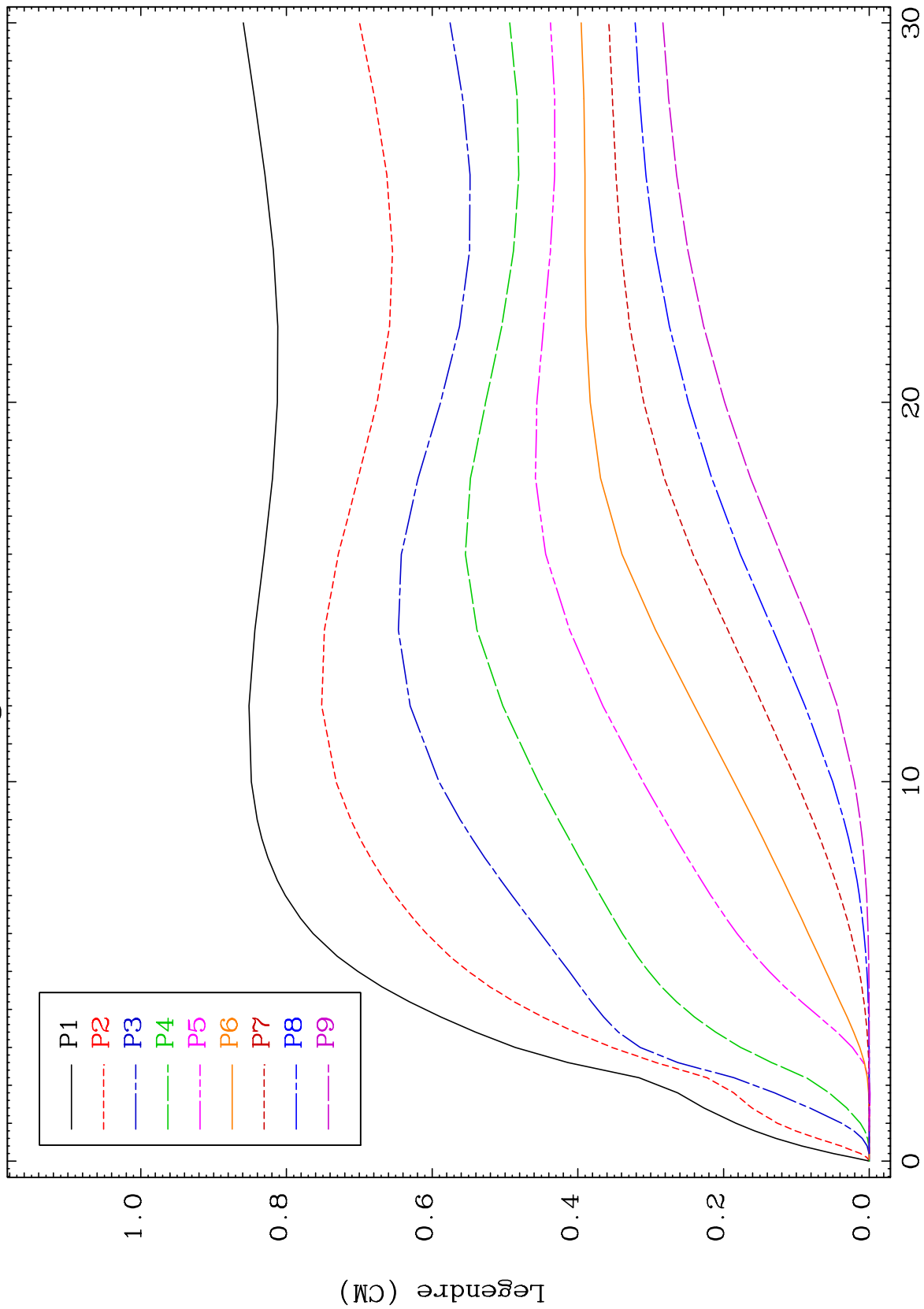
29-Cu-70



MAT 2946

Elastic Legendre Coefficients

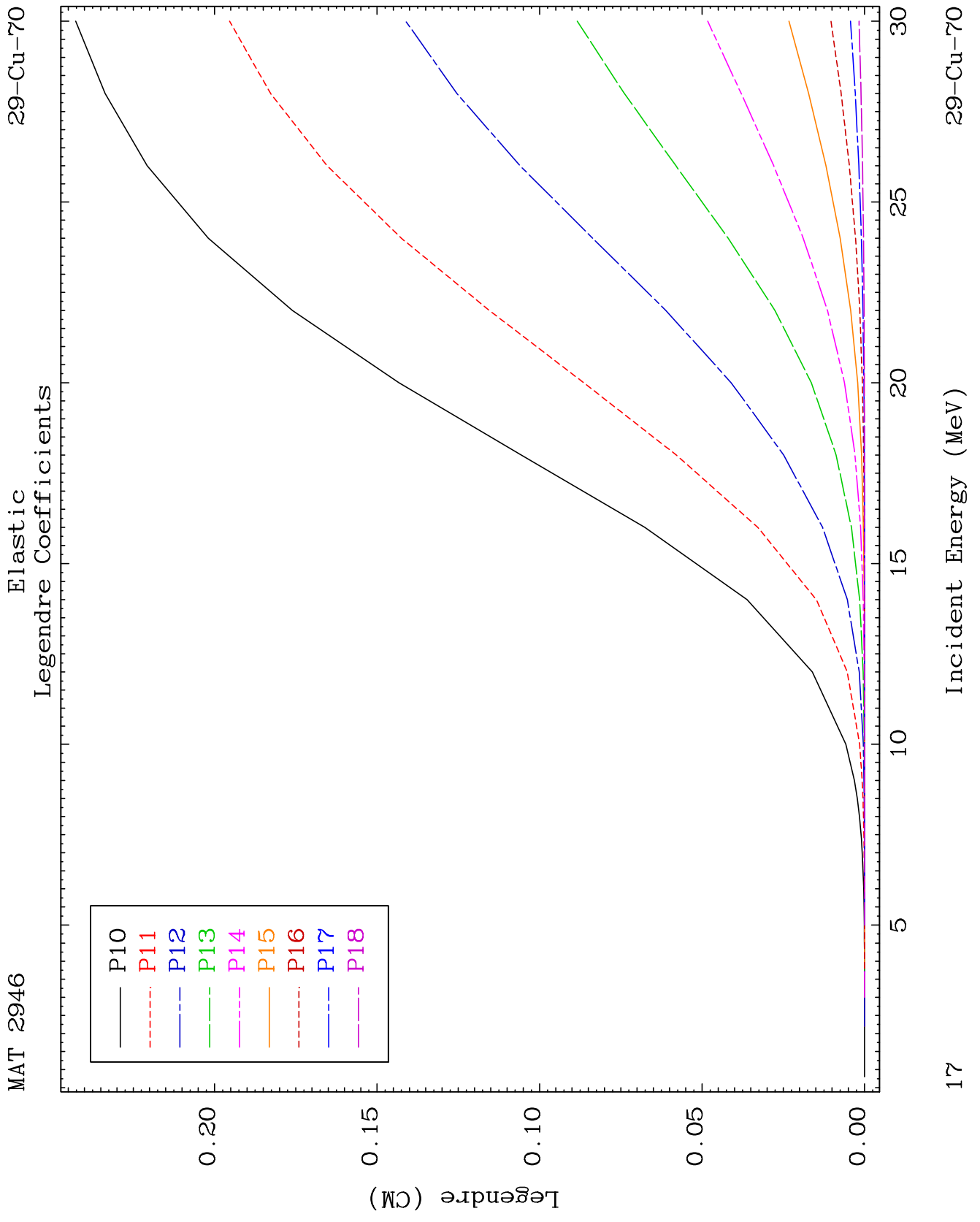
29-Cu-70



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Incident Energy (MeV)

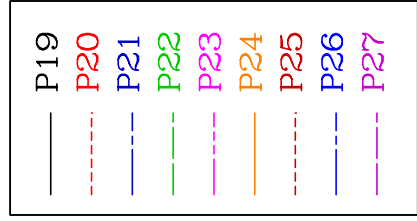
29-Cu-70



MAT 2946

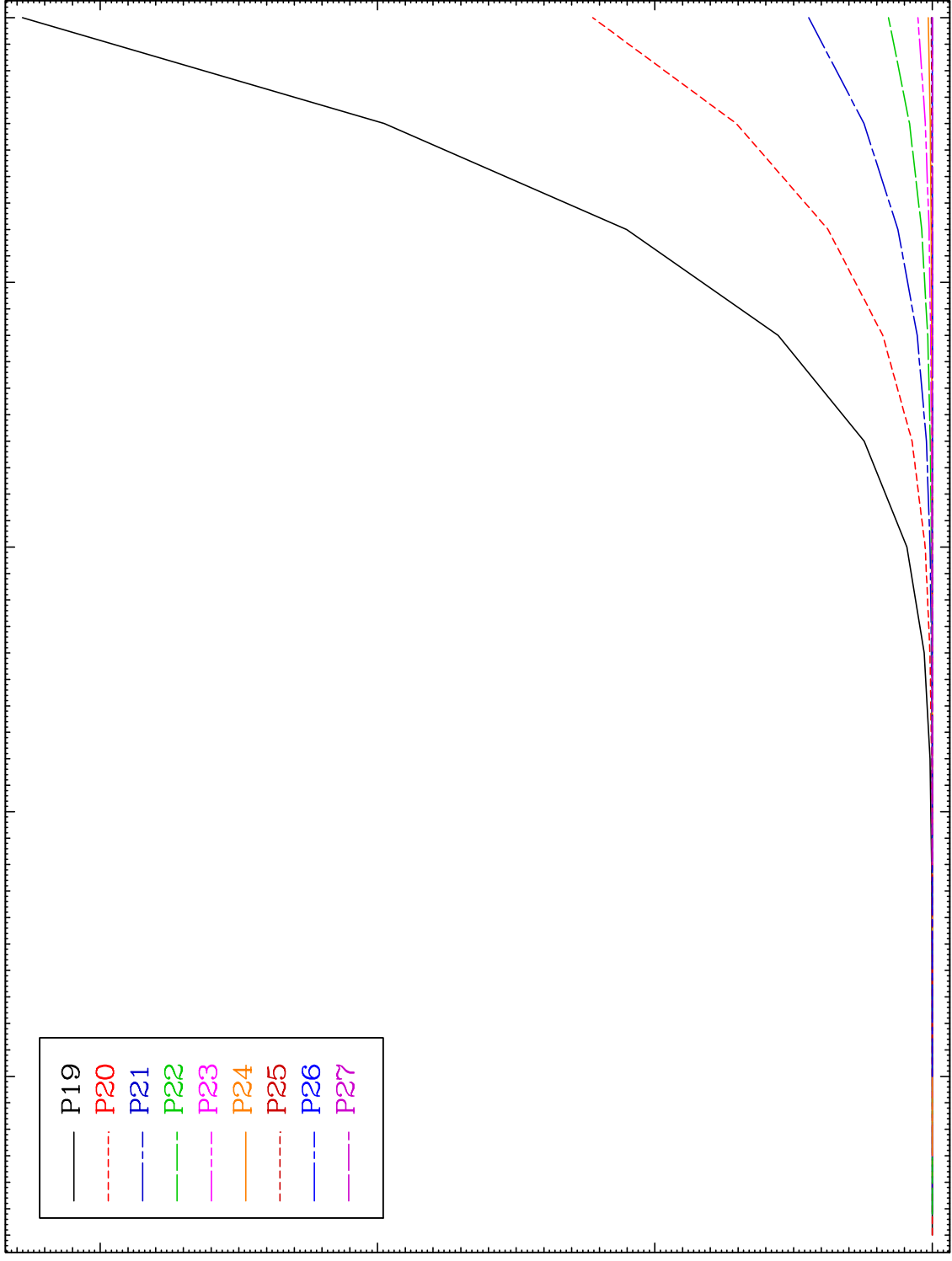
Elastic Legendre Coefficients

29-Cu-70



$\times 10^{-4}$

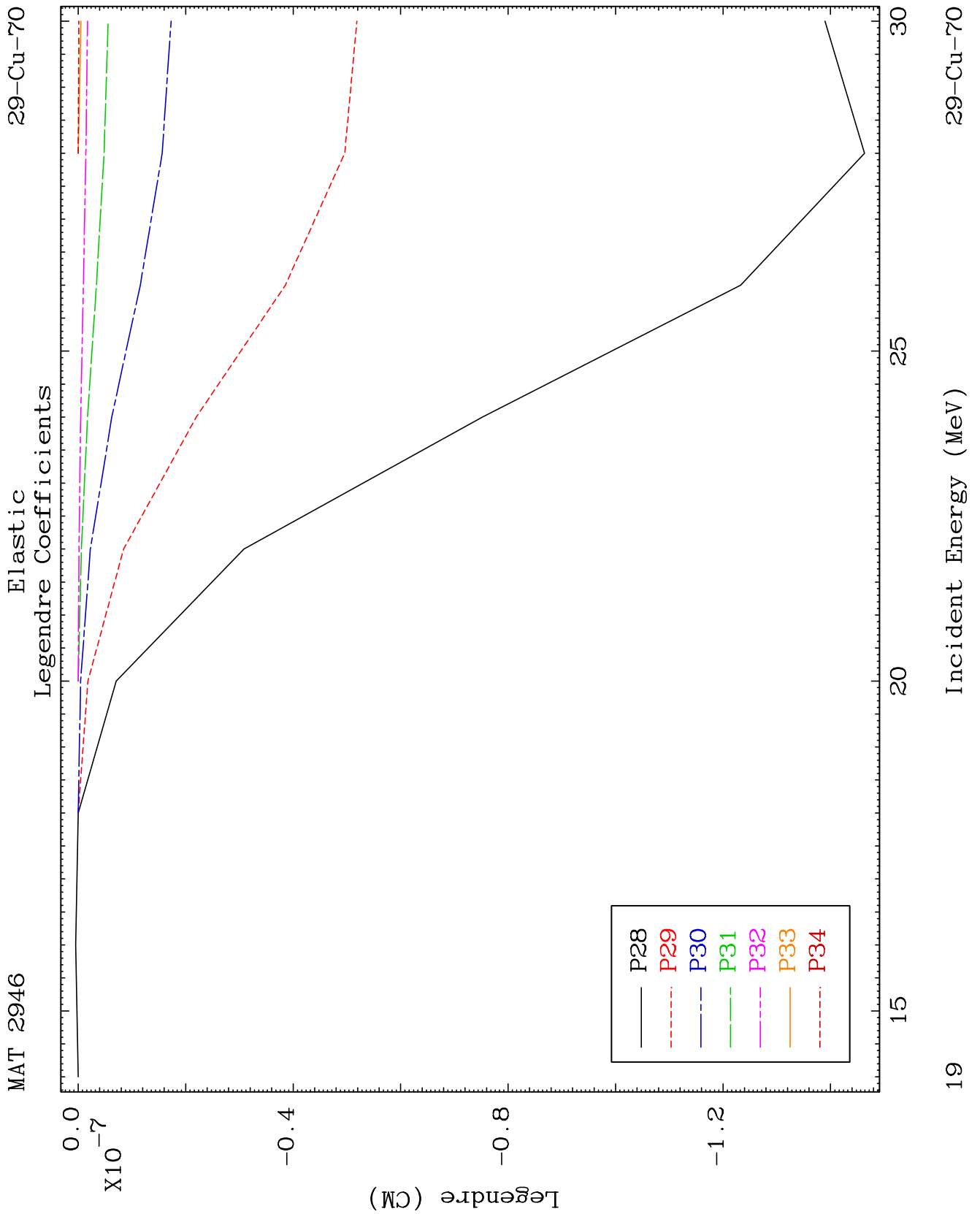
Legendre (CM)



18

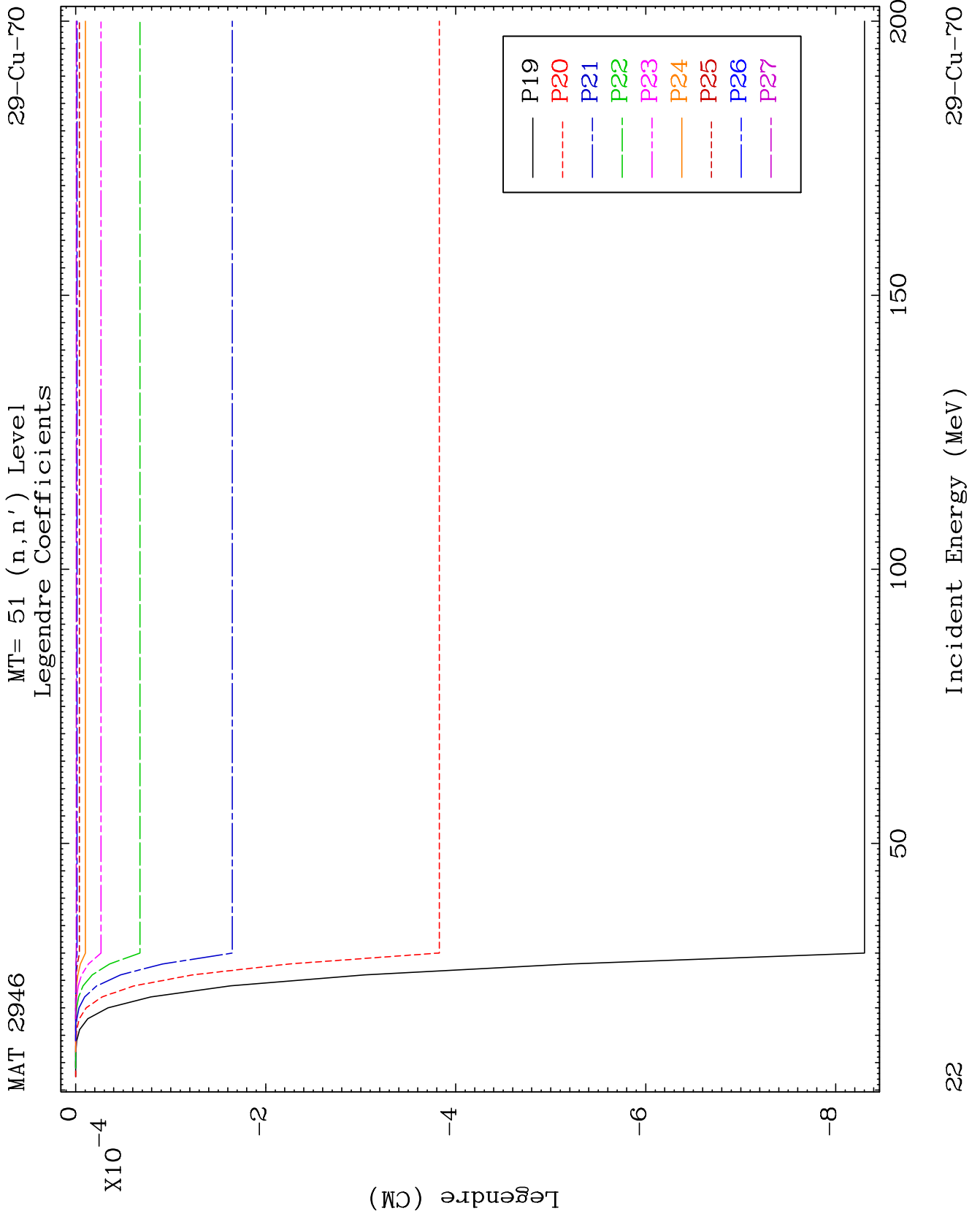
Incident Energy (MeV)

29-Cu-70



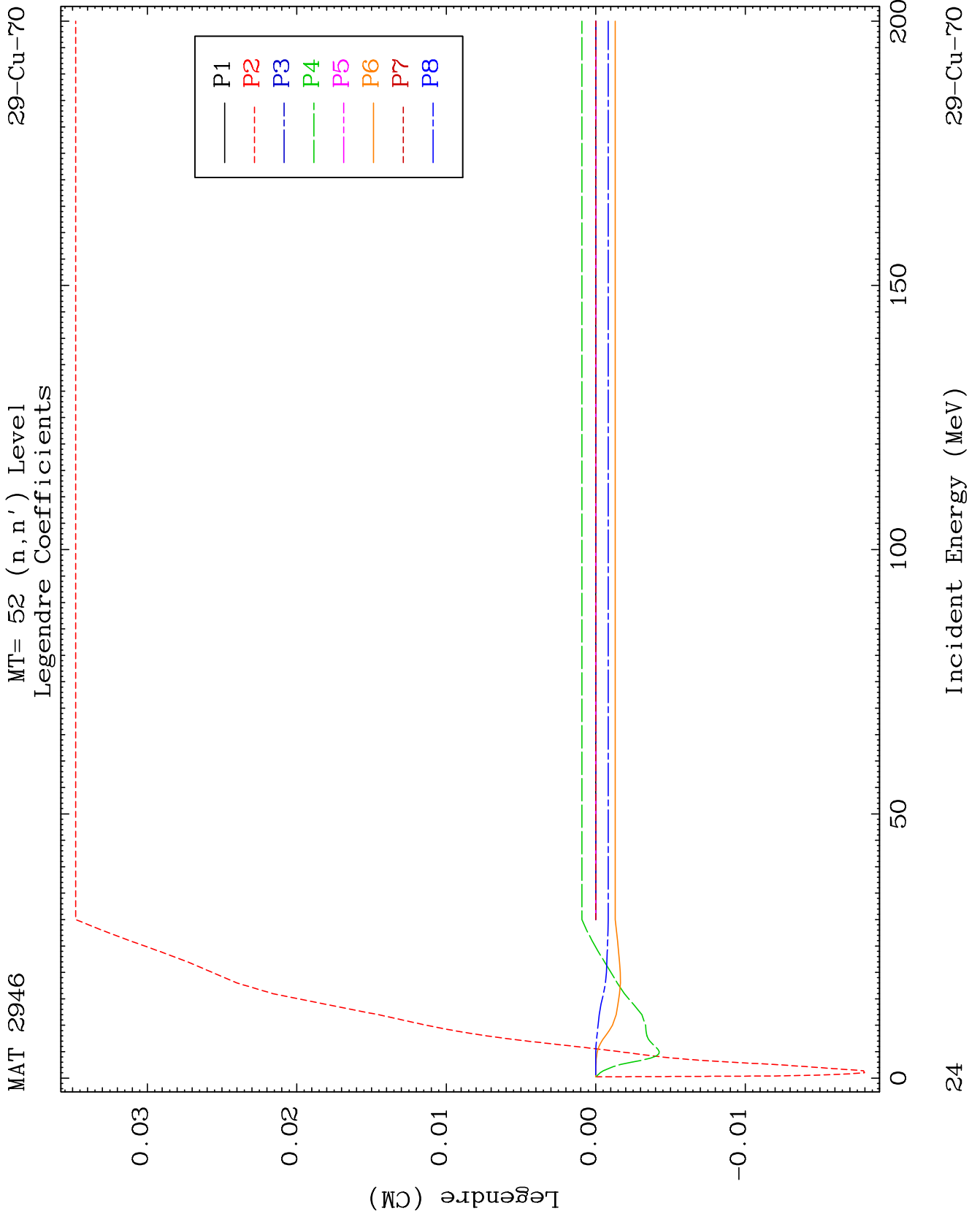


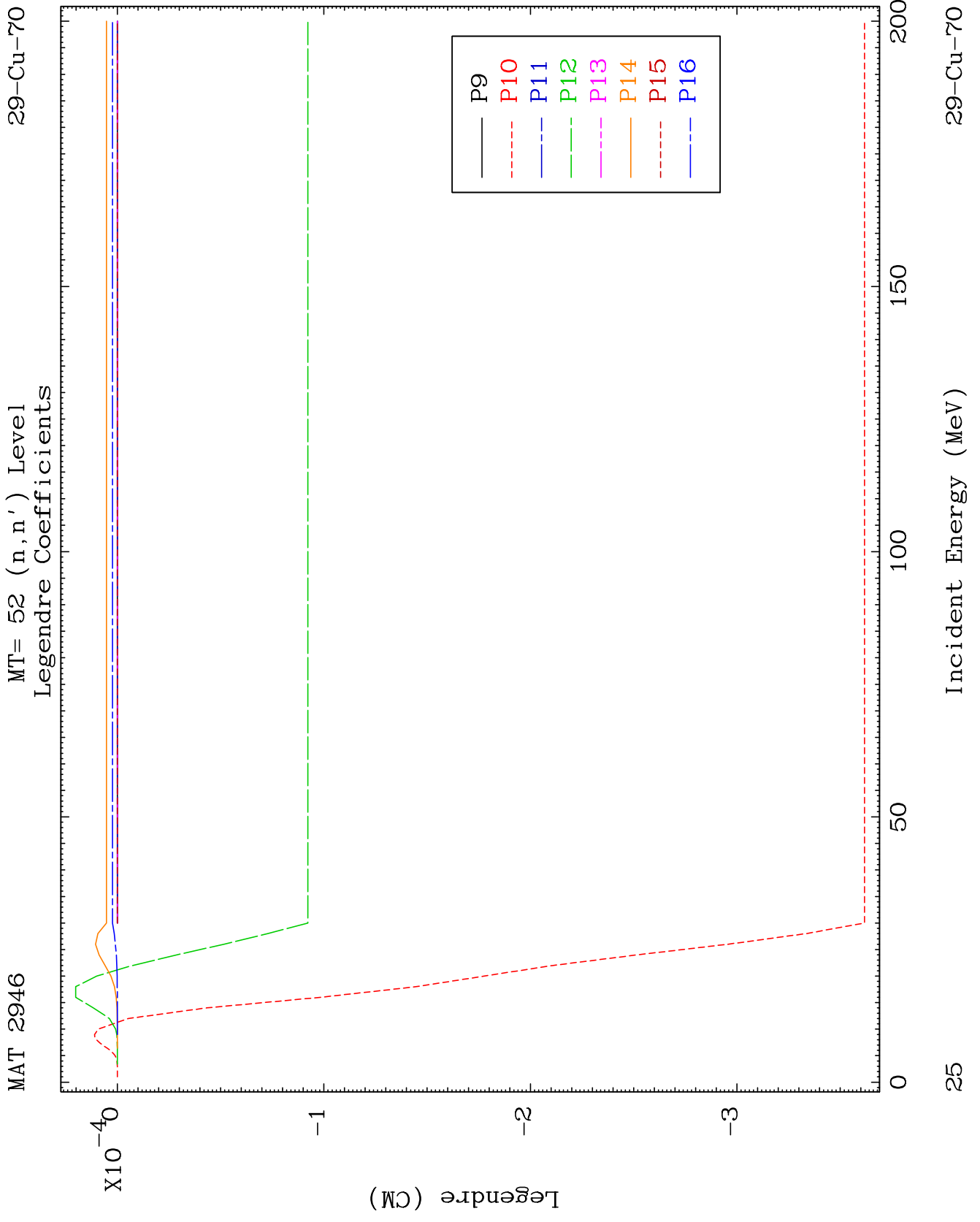


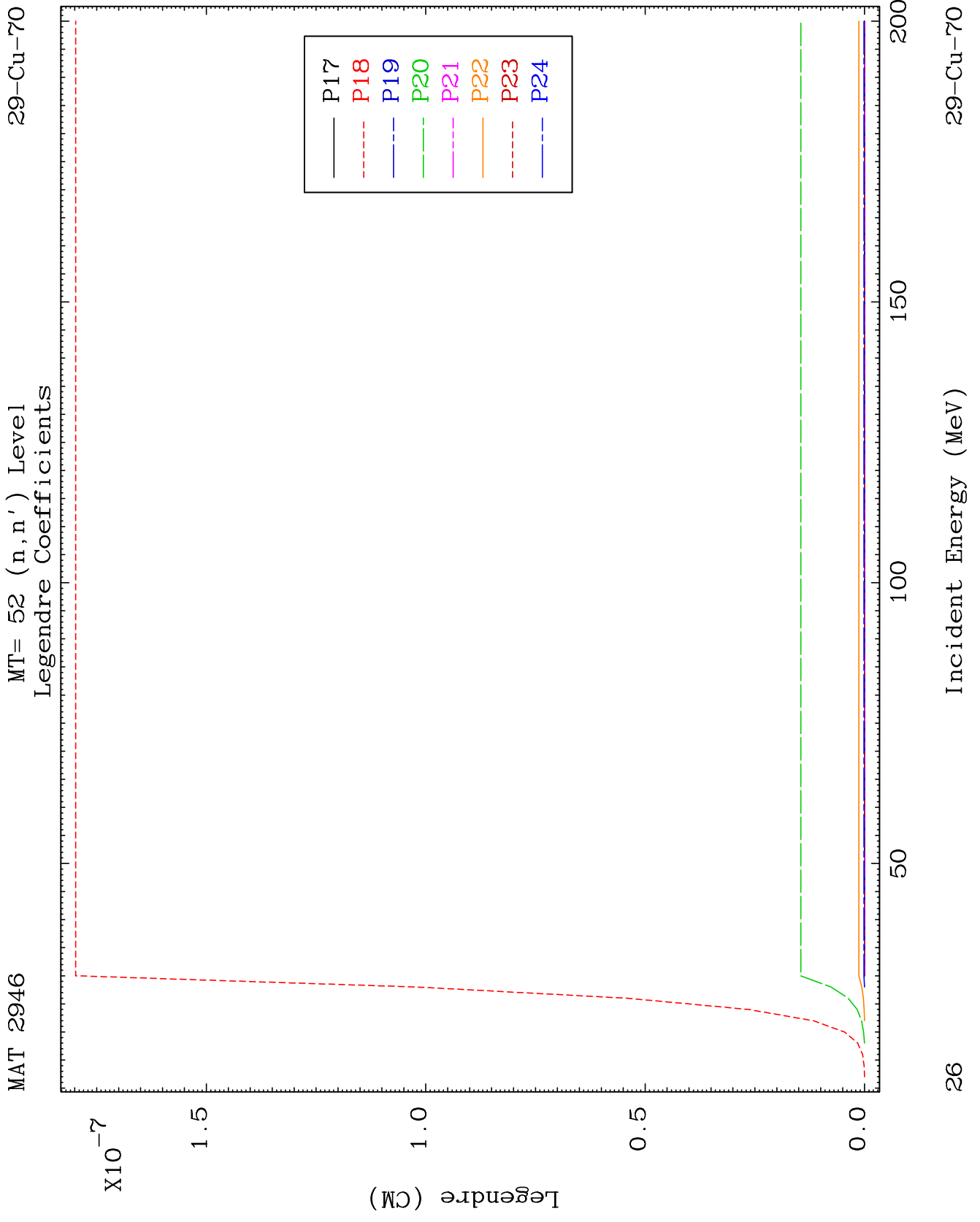


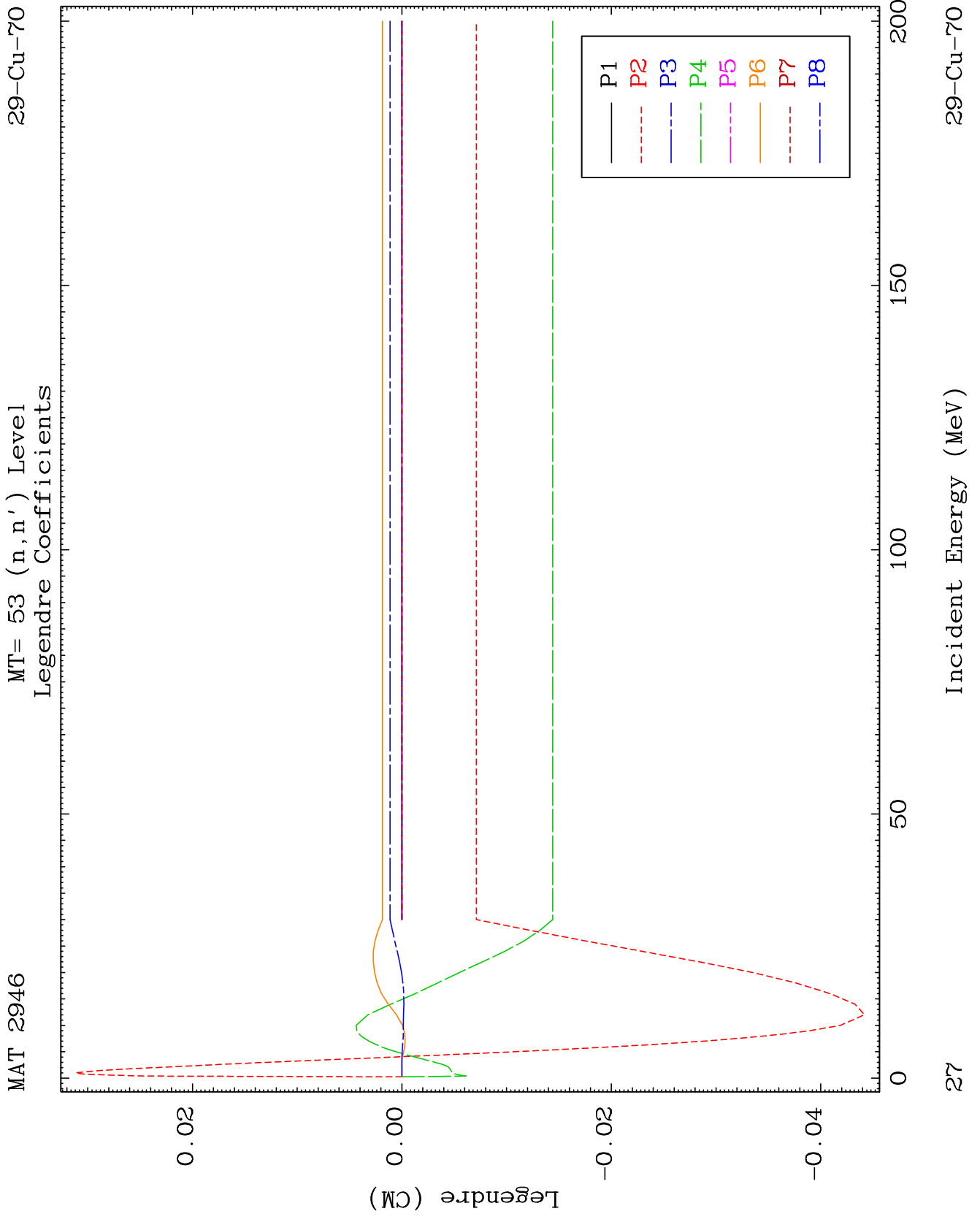


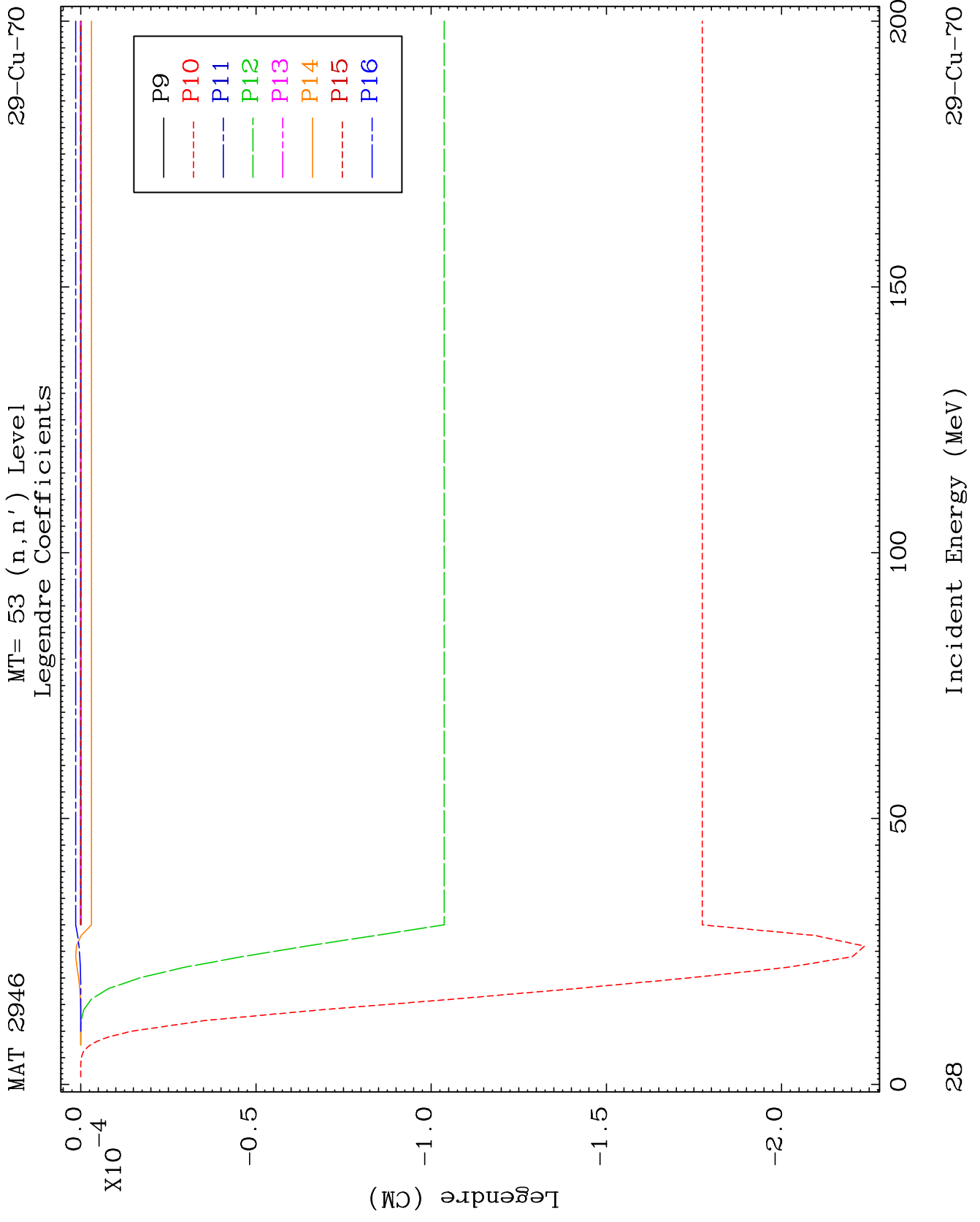




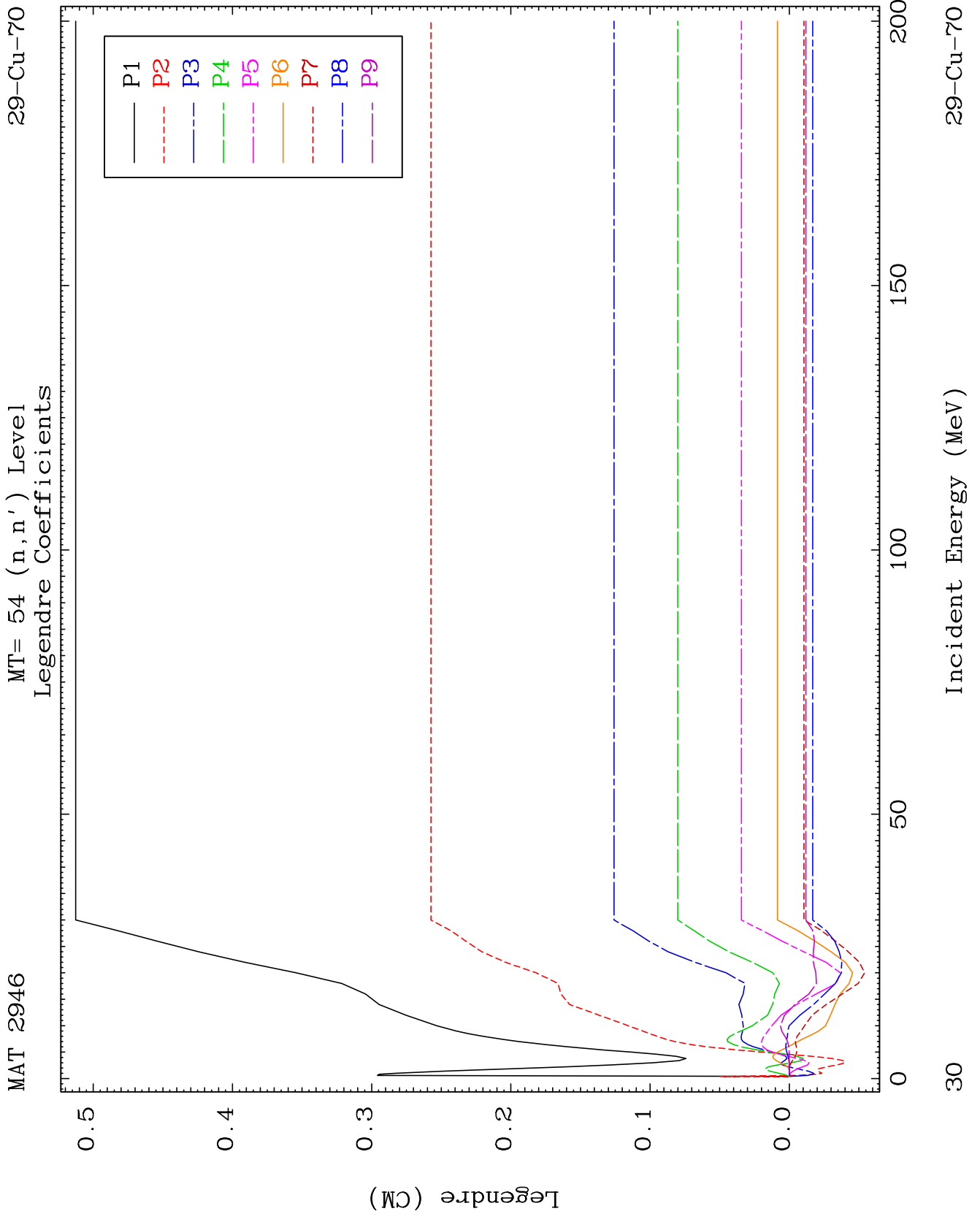








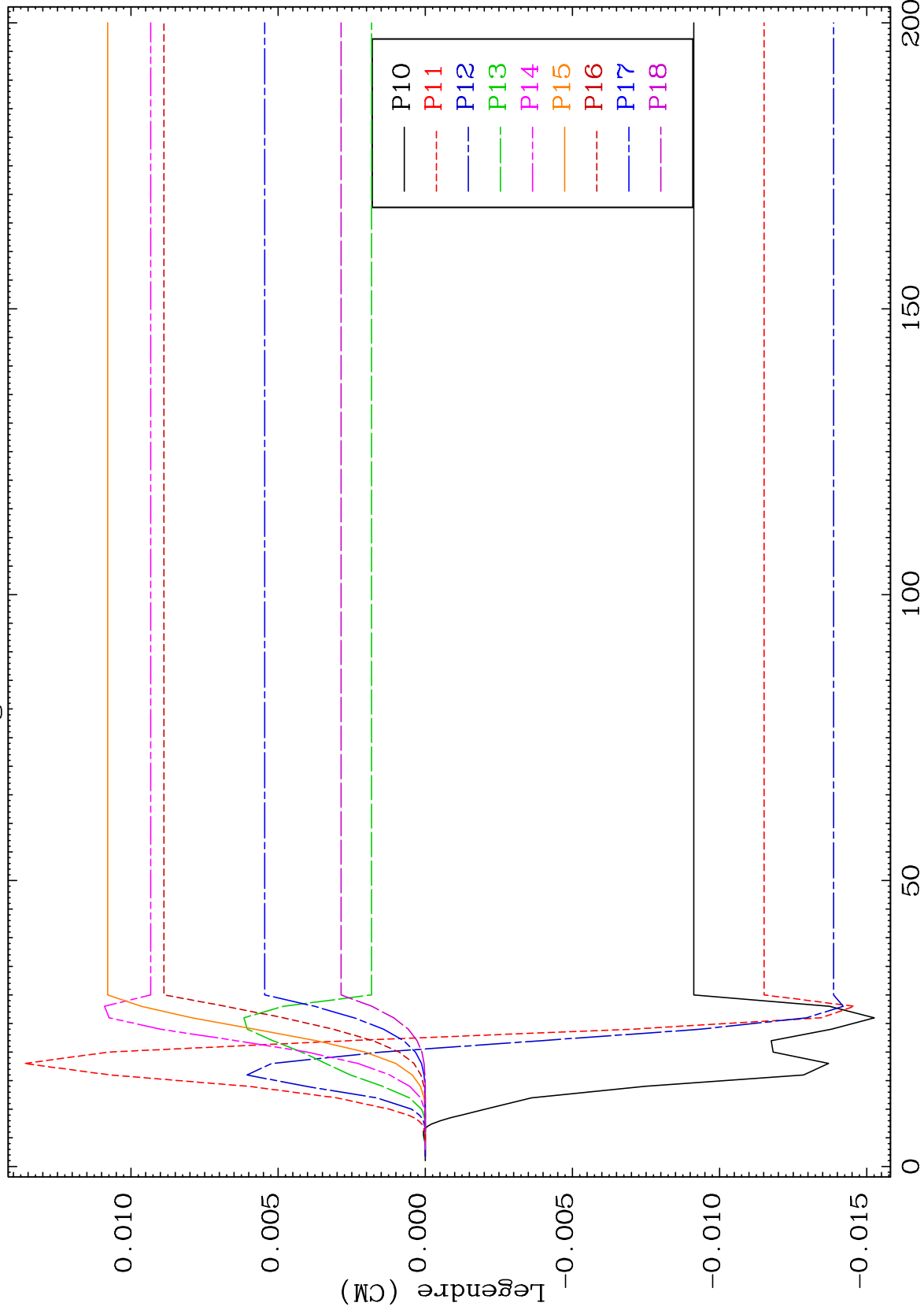




MAT 2946

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

29-Cu-70



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Incident Energy (MeV)

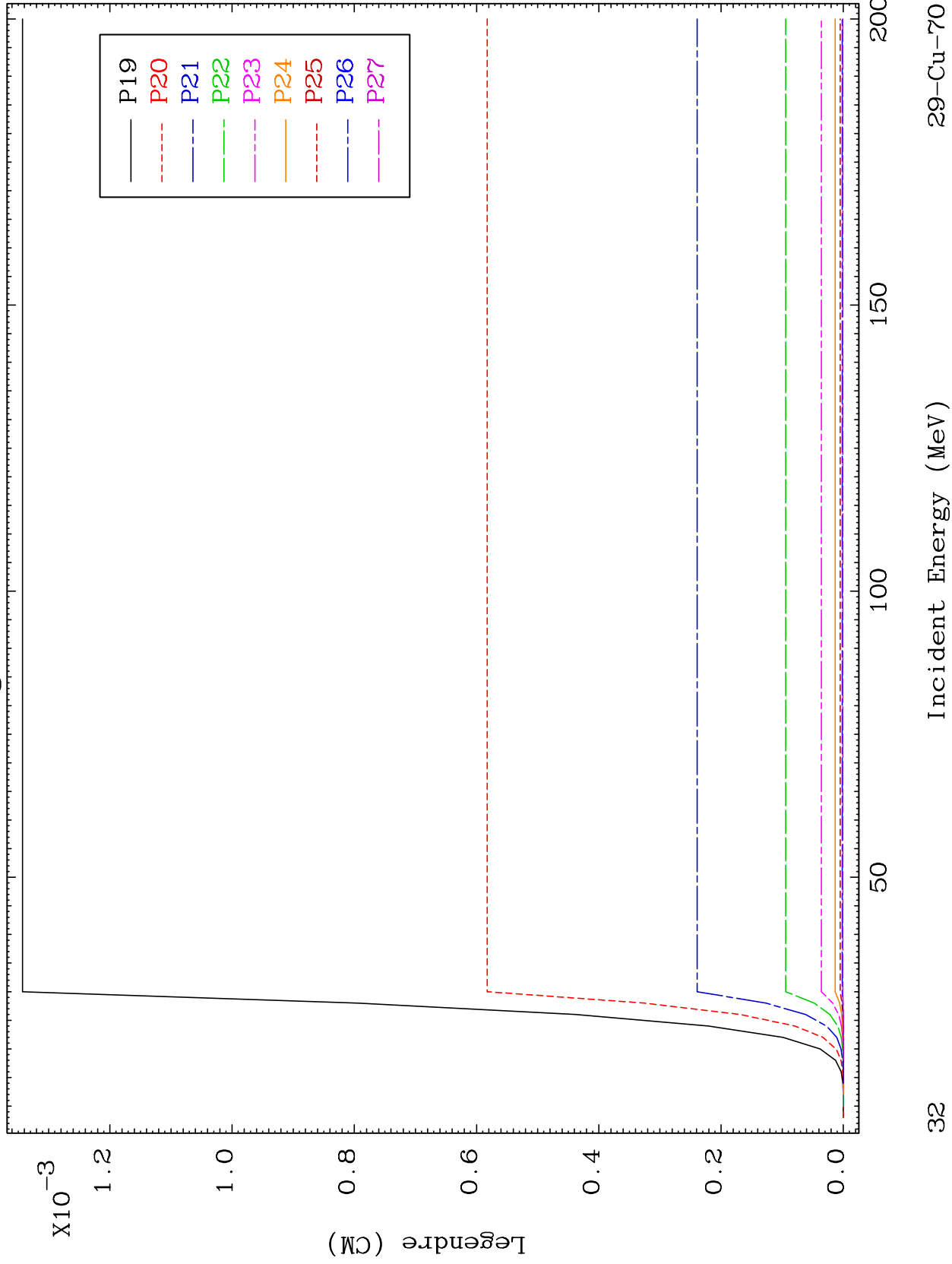
29-Cu-70



MAT 2946

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

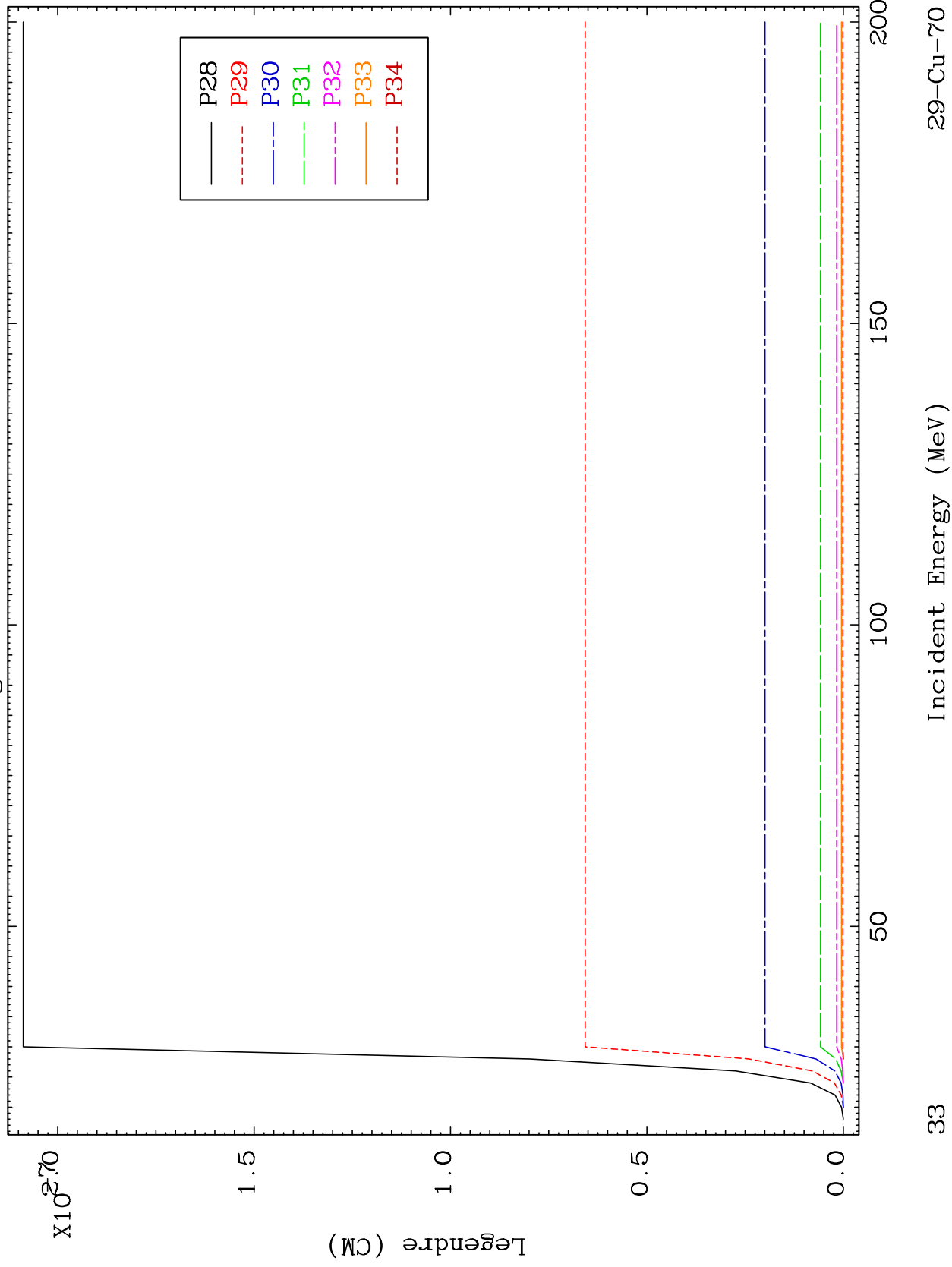
29-Cu-70



MAT 2946

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

29-Cu-70



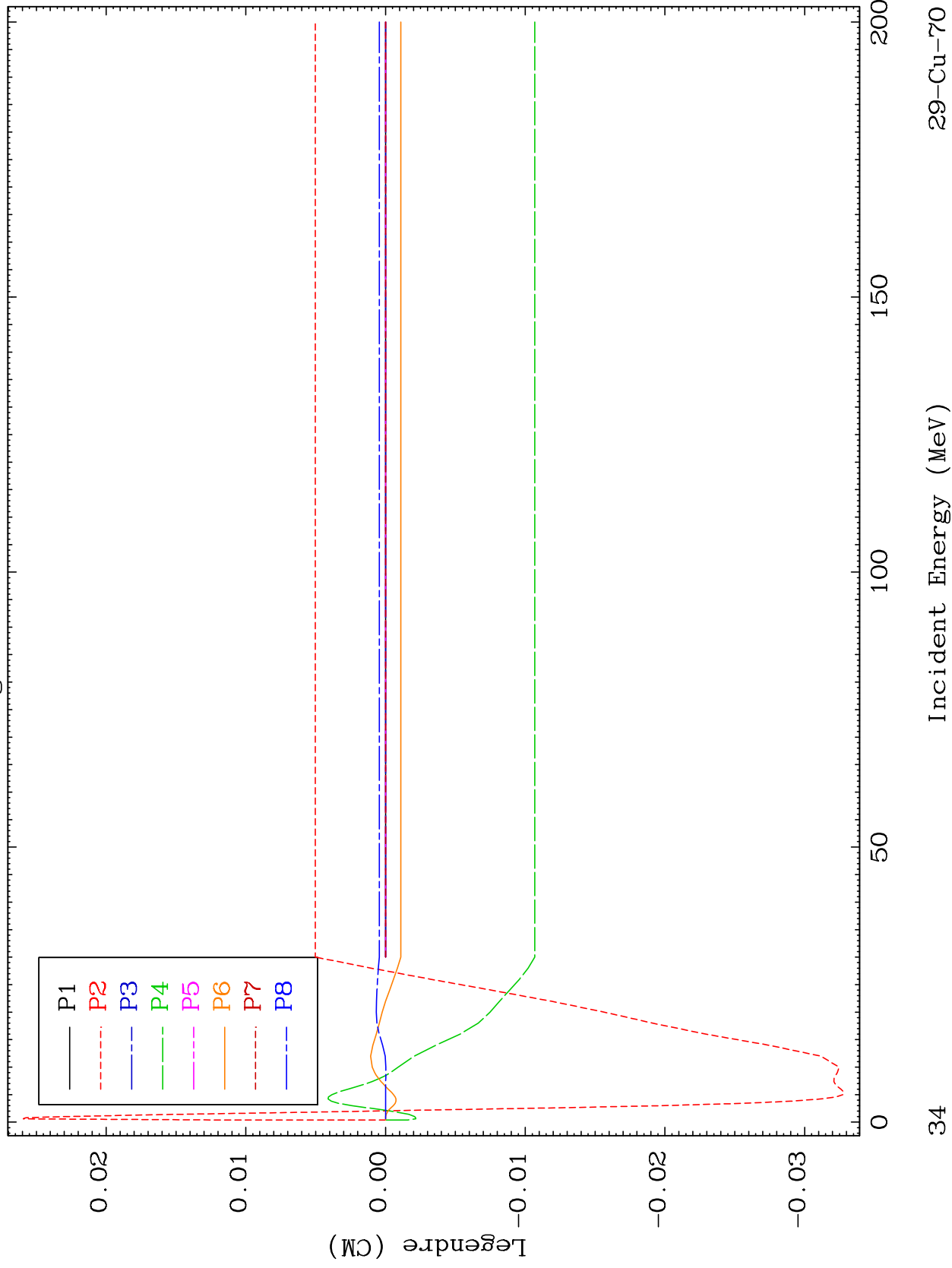
33

29-Cu-70

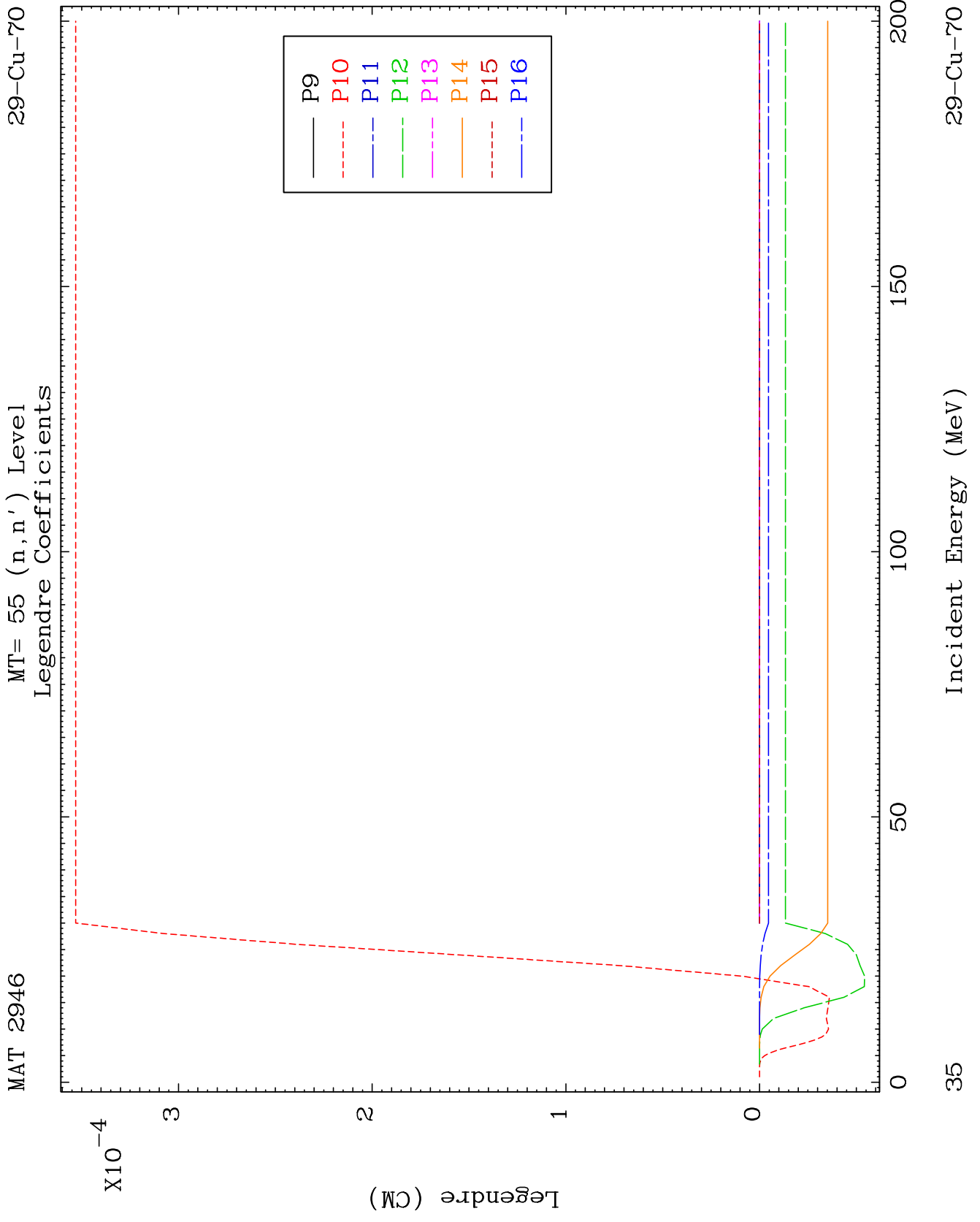
MAT 2946

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

29-Cu-70



34

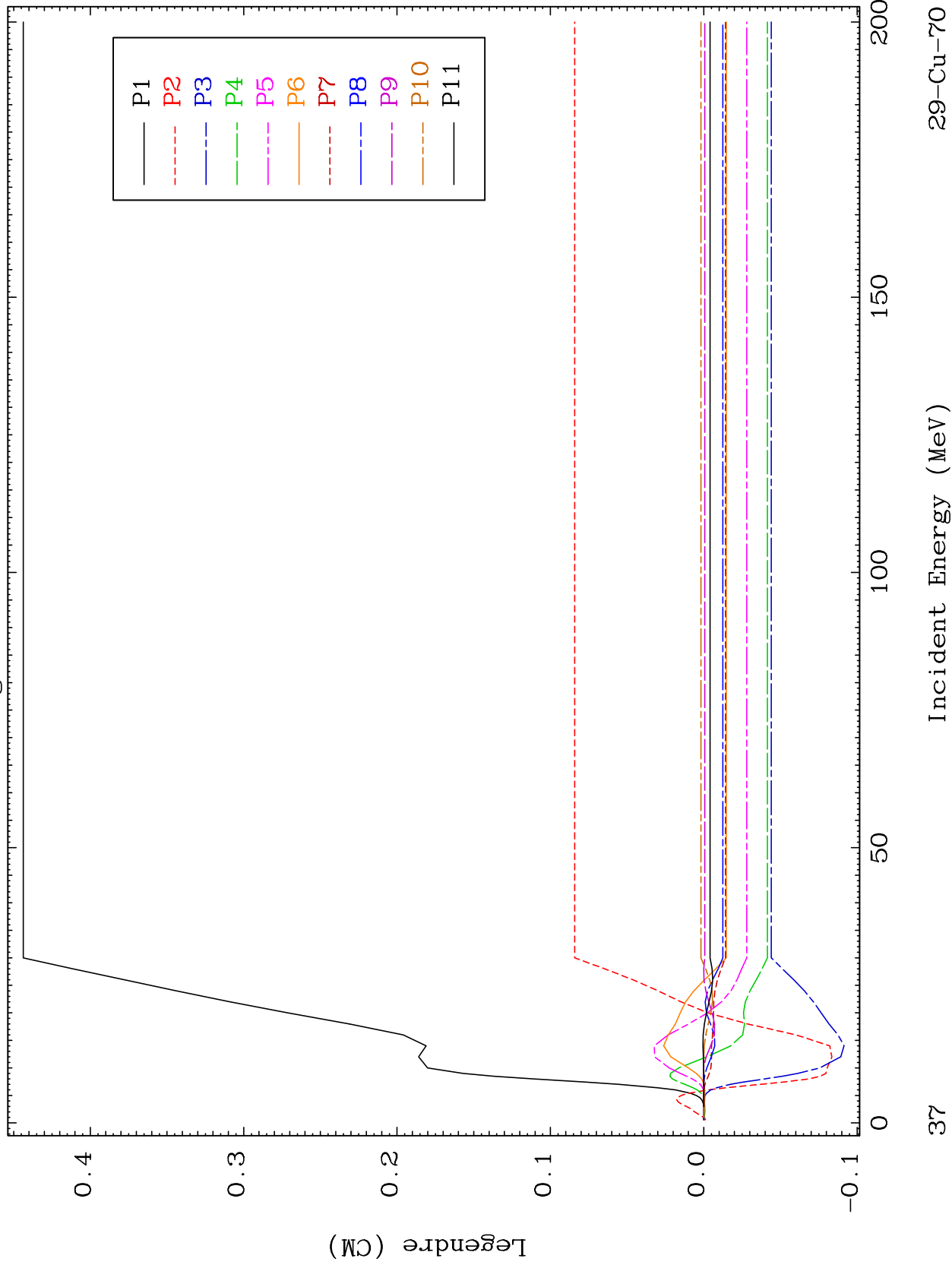


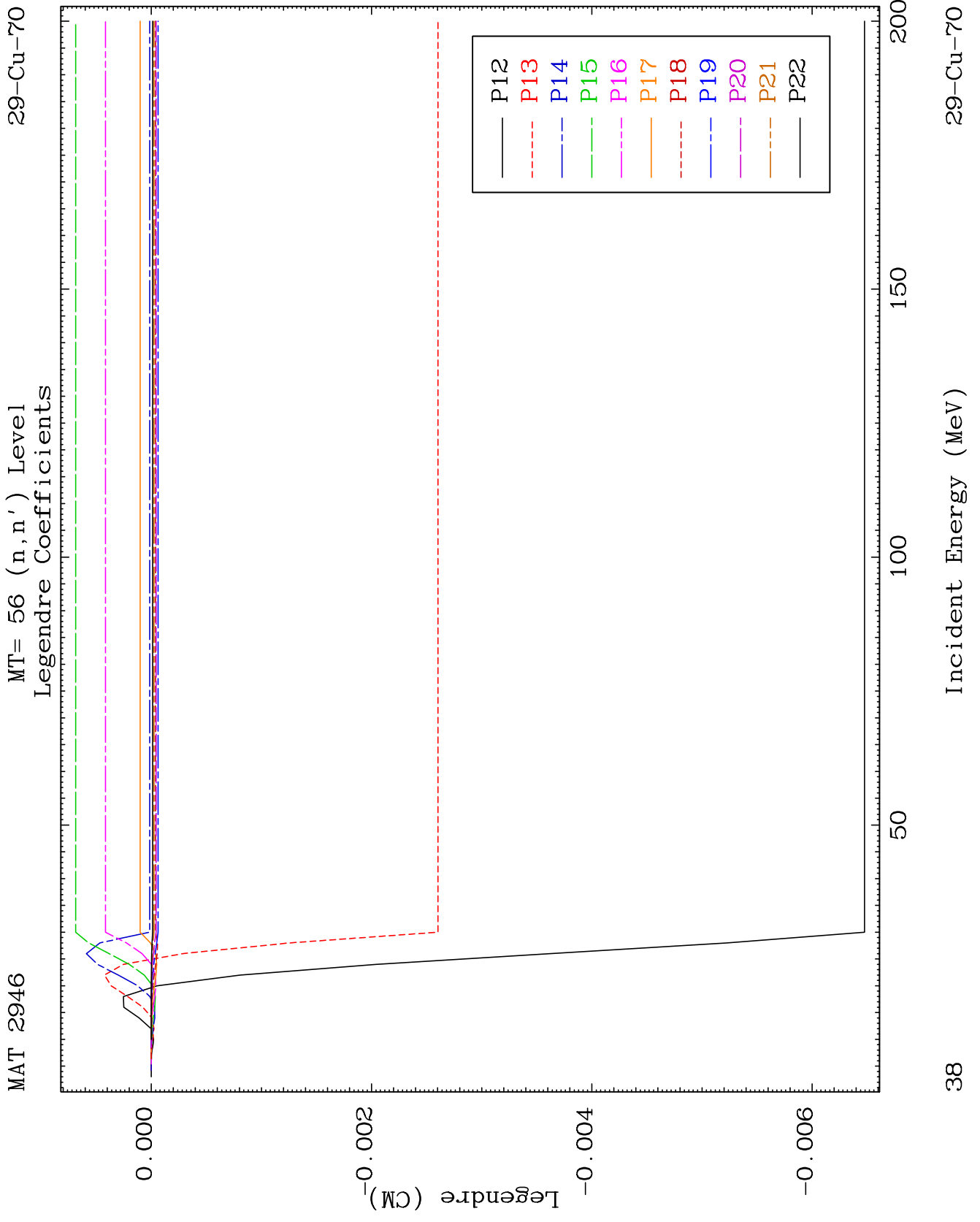


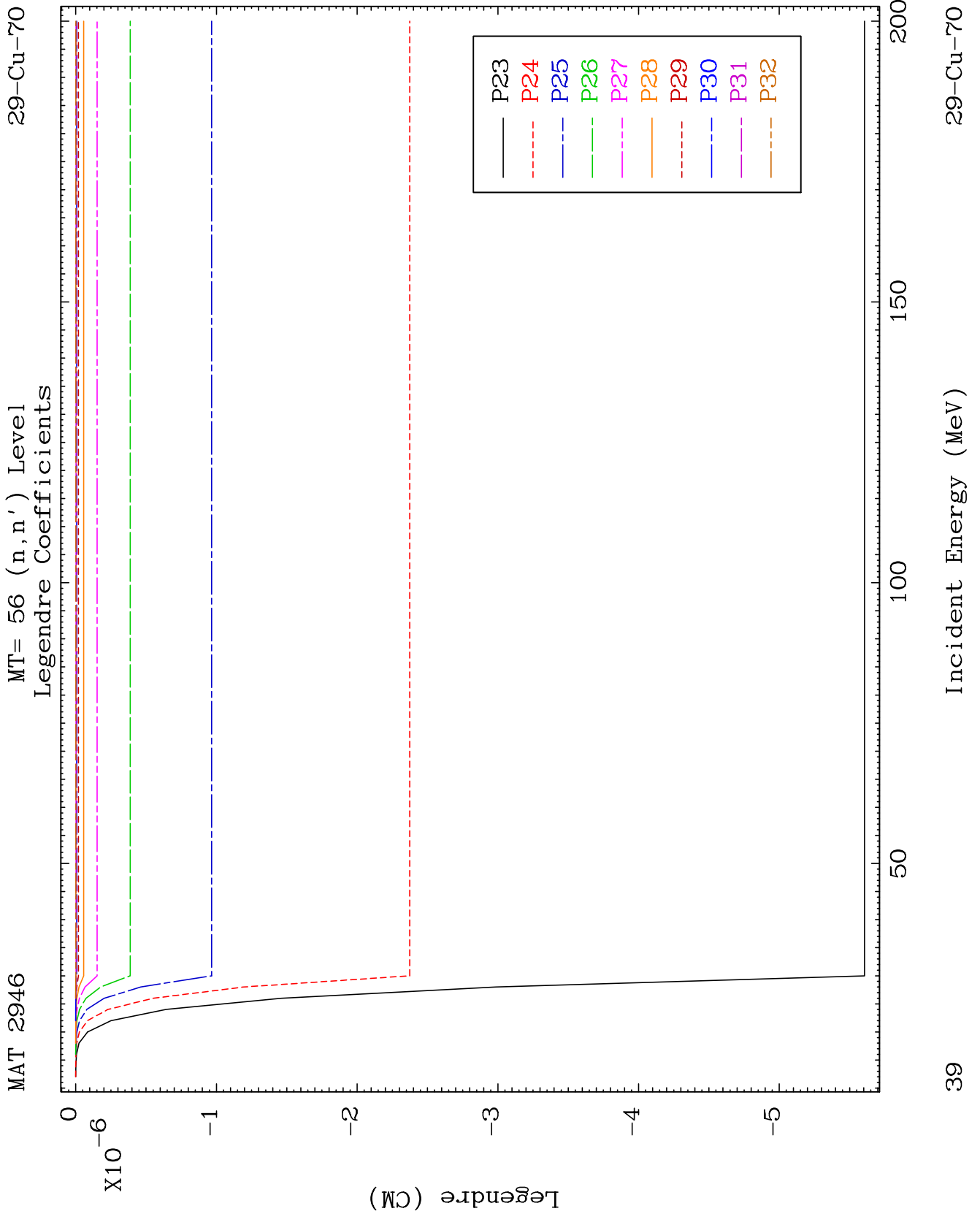
MAT 2946

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

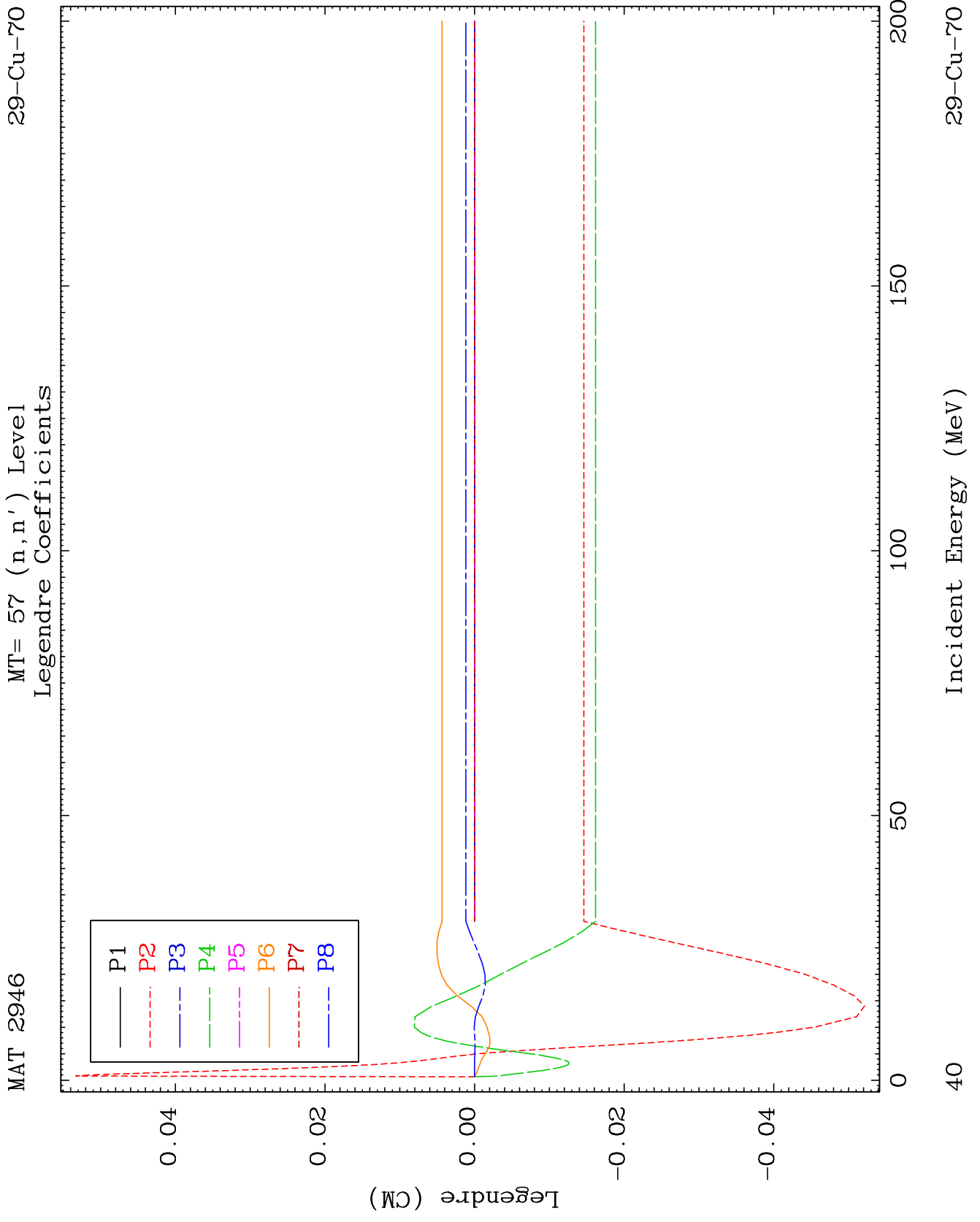
29-Cu-70







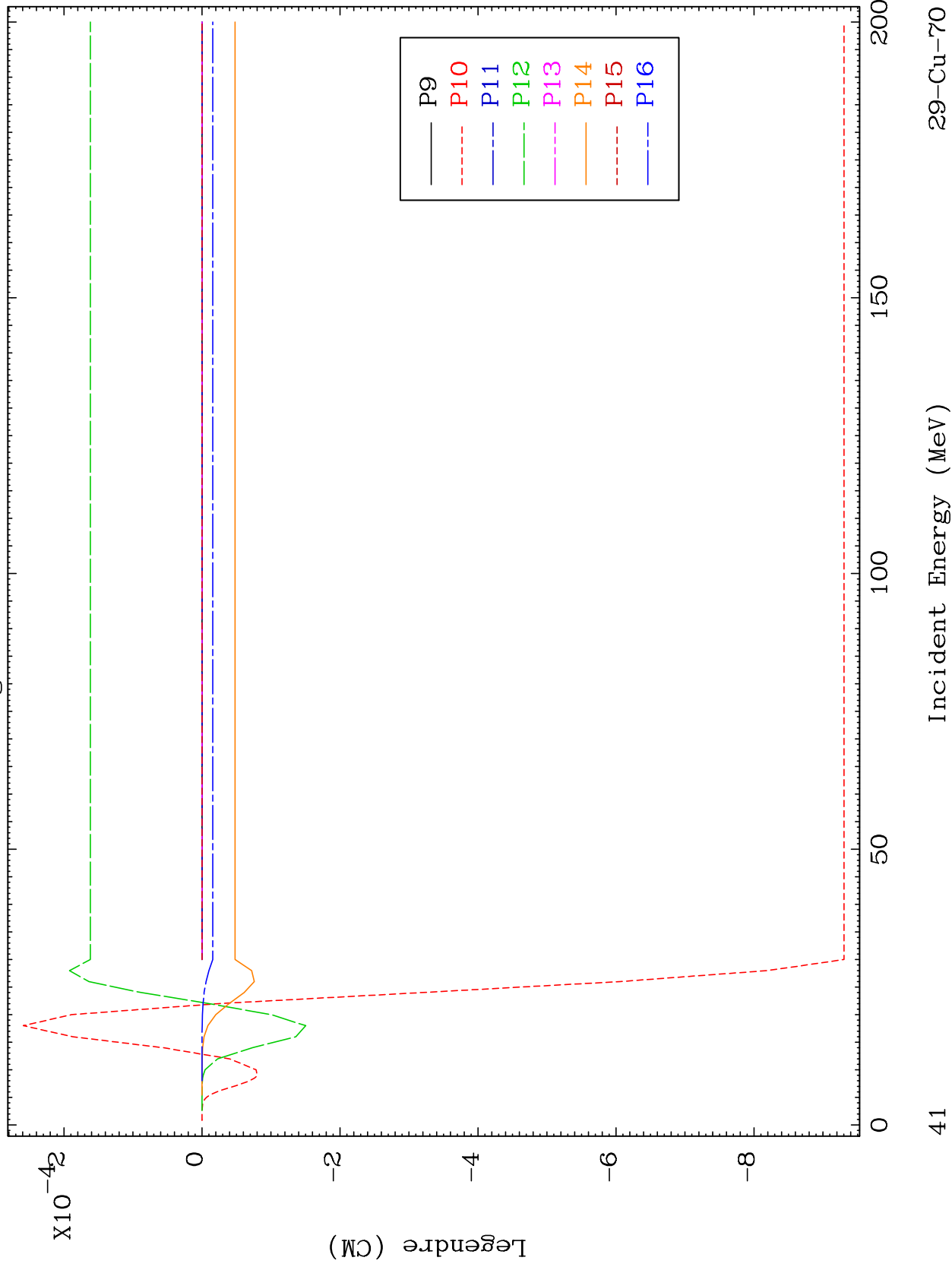




MAT 2946

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

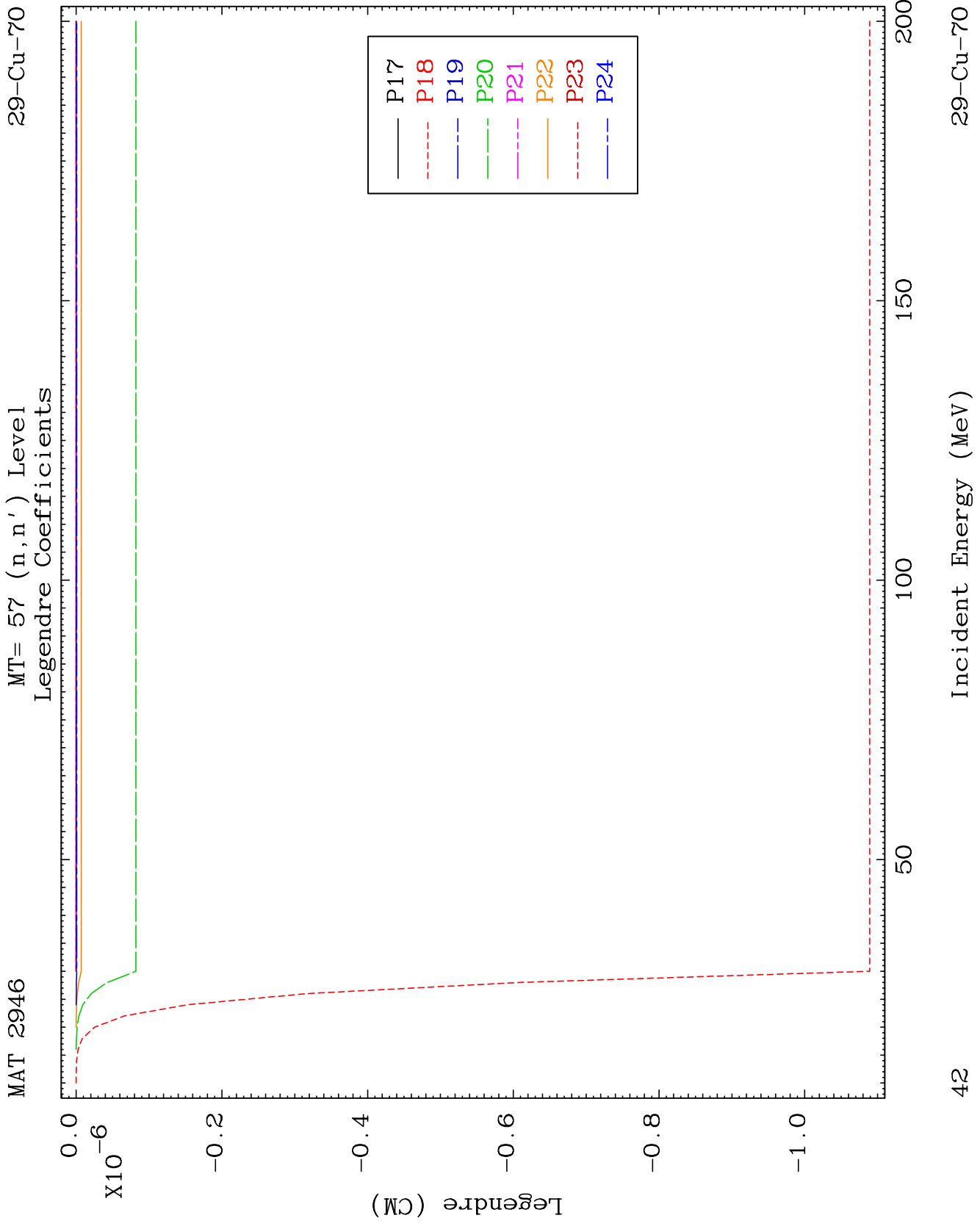
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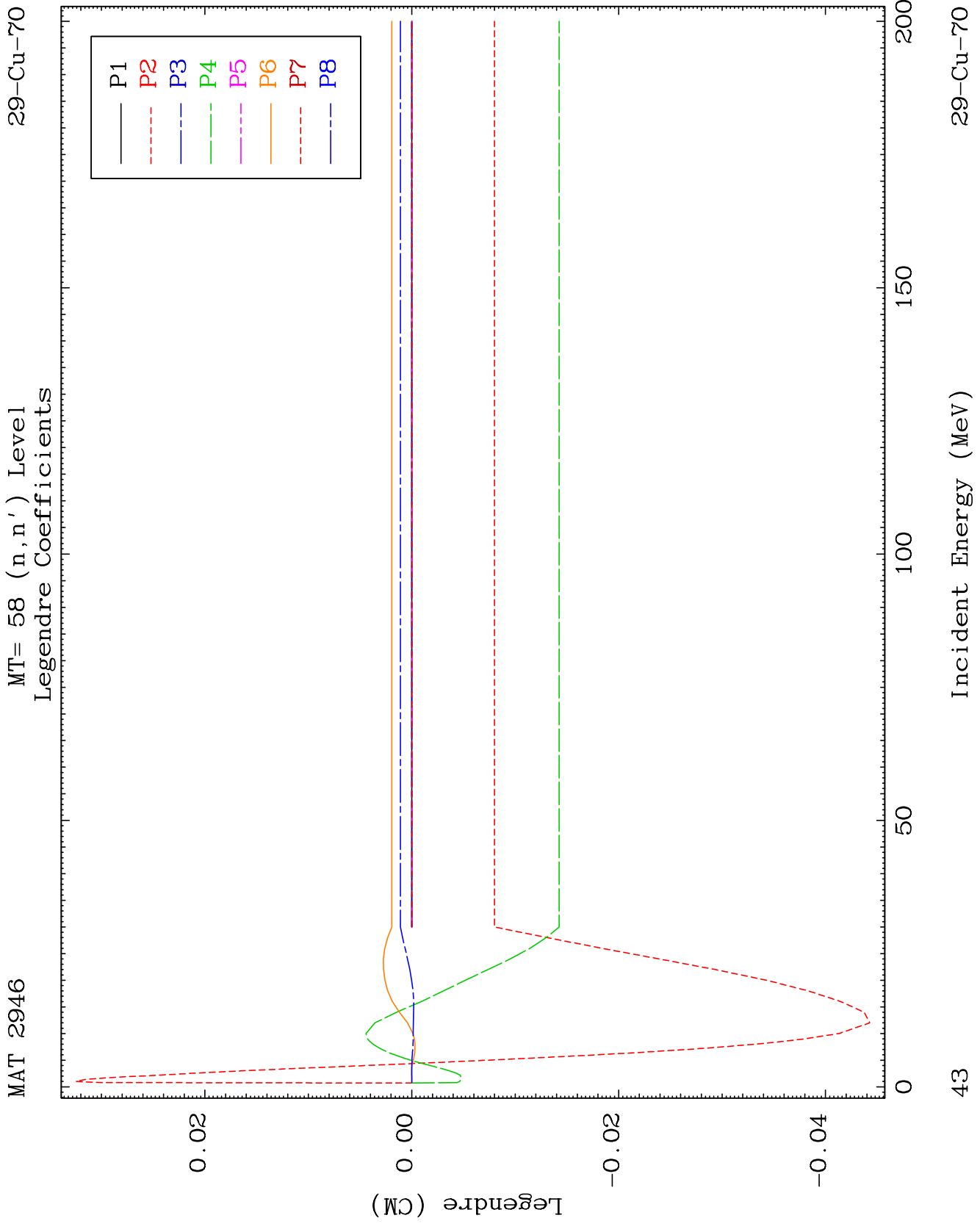


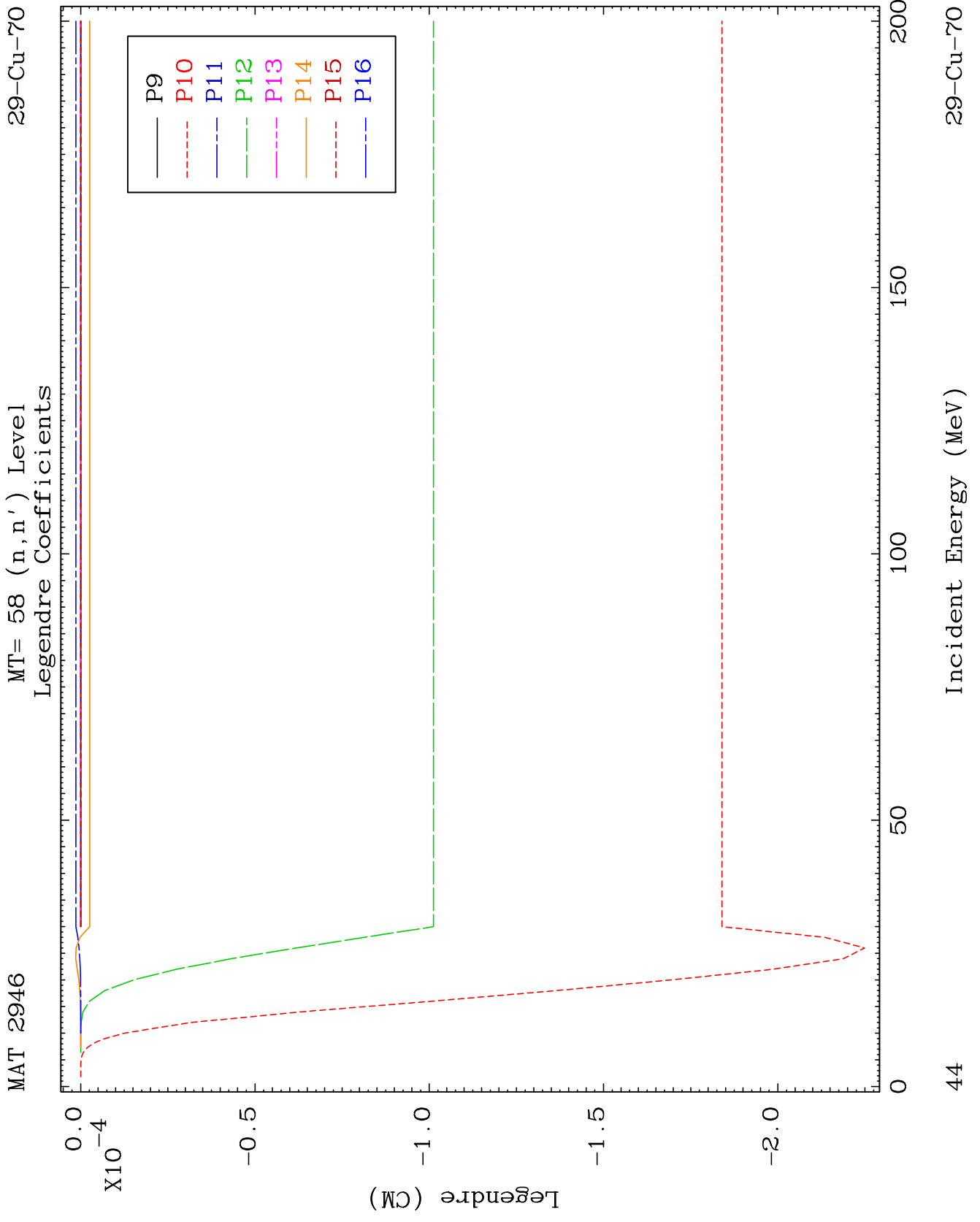
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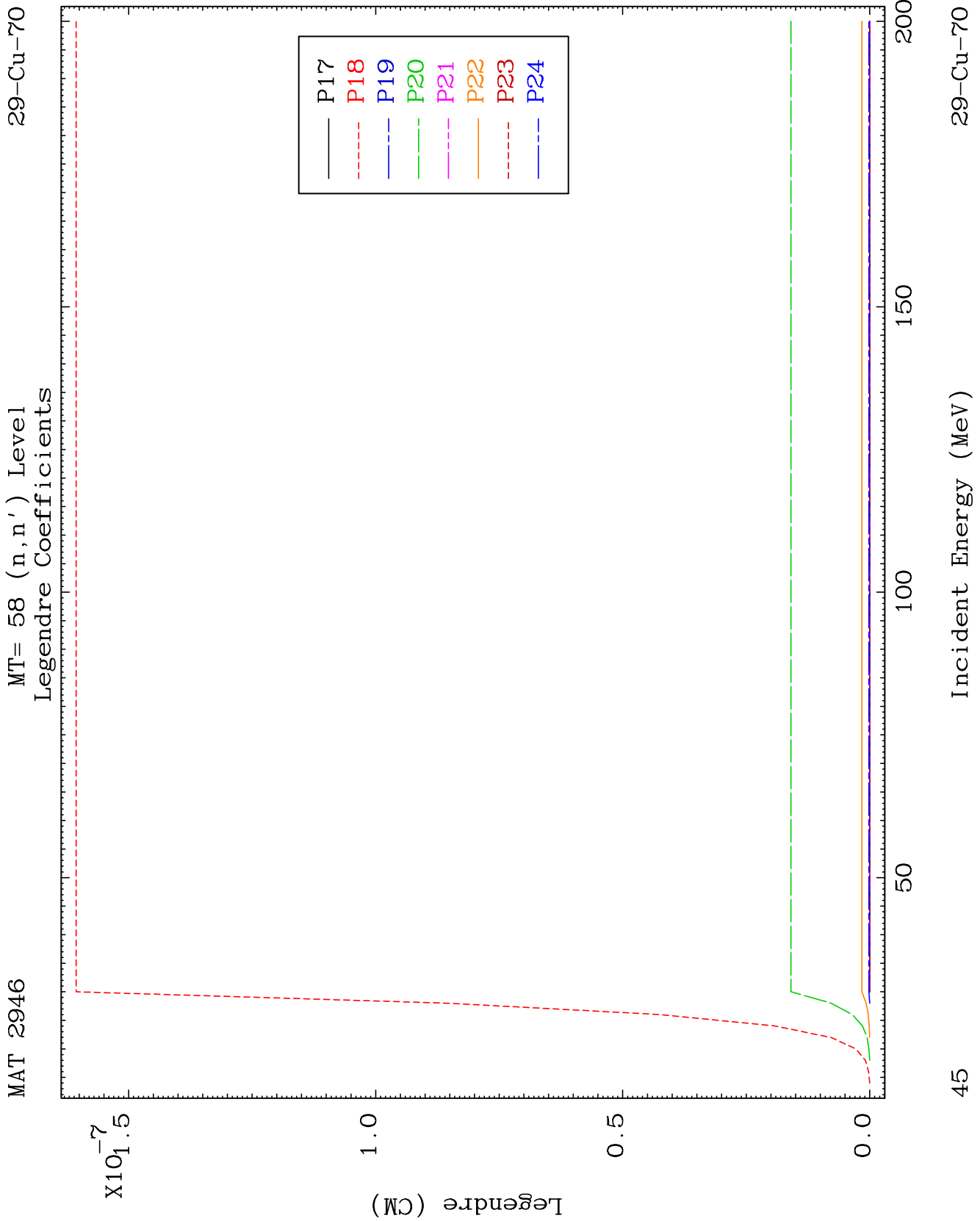
Incident Energy (MeV)

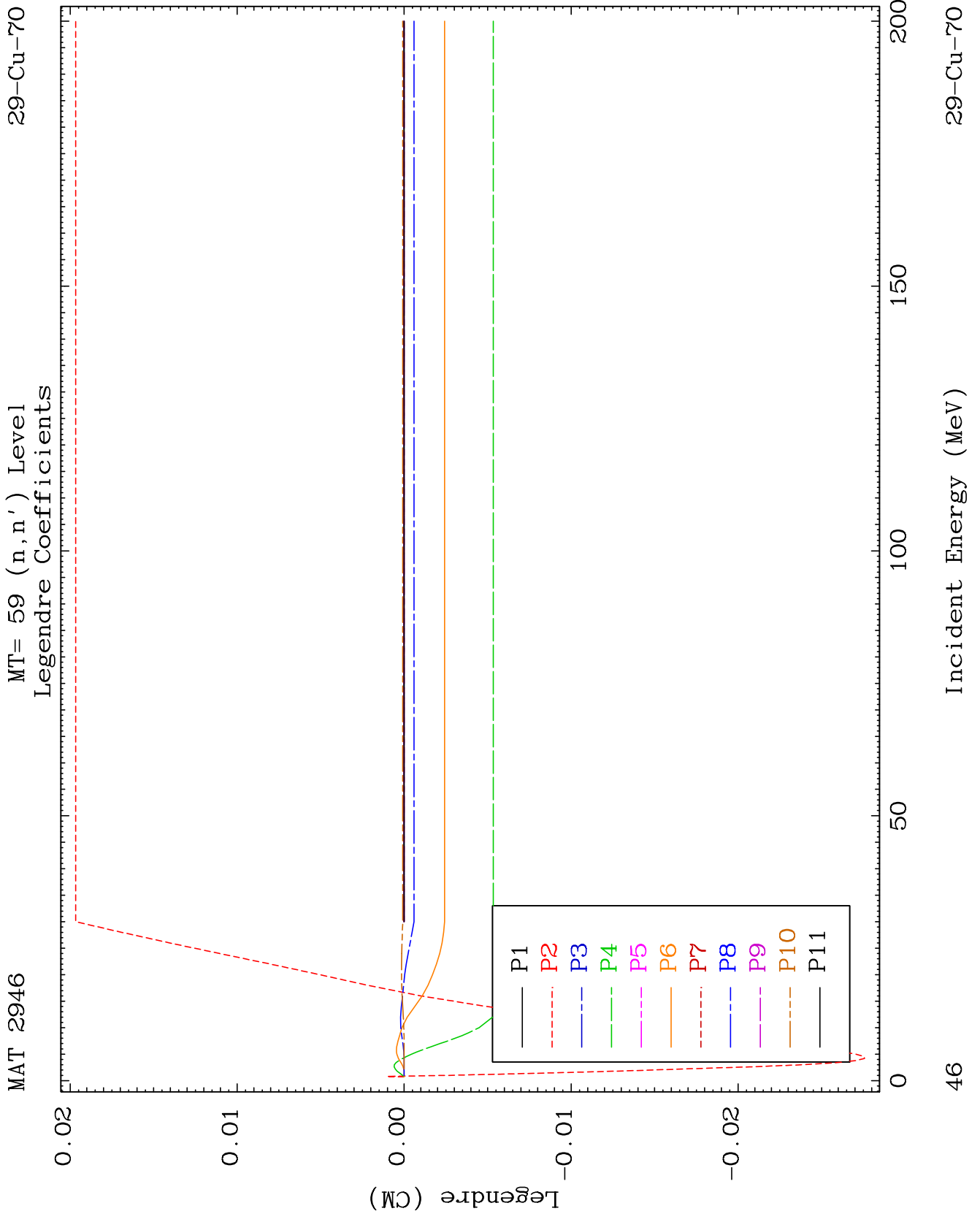
29-Cu-70







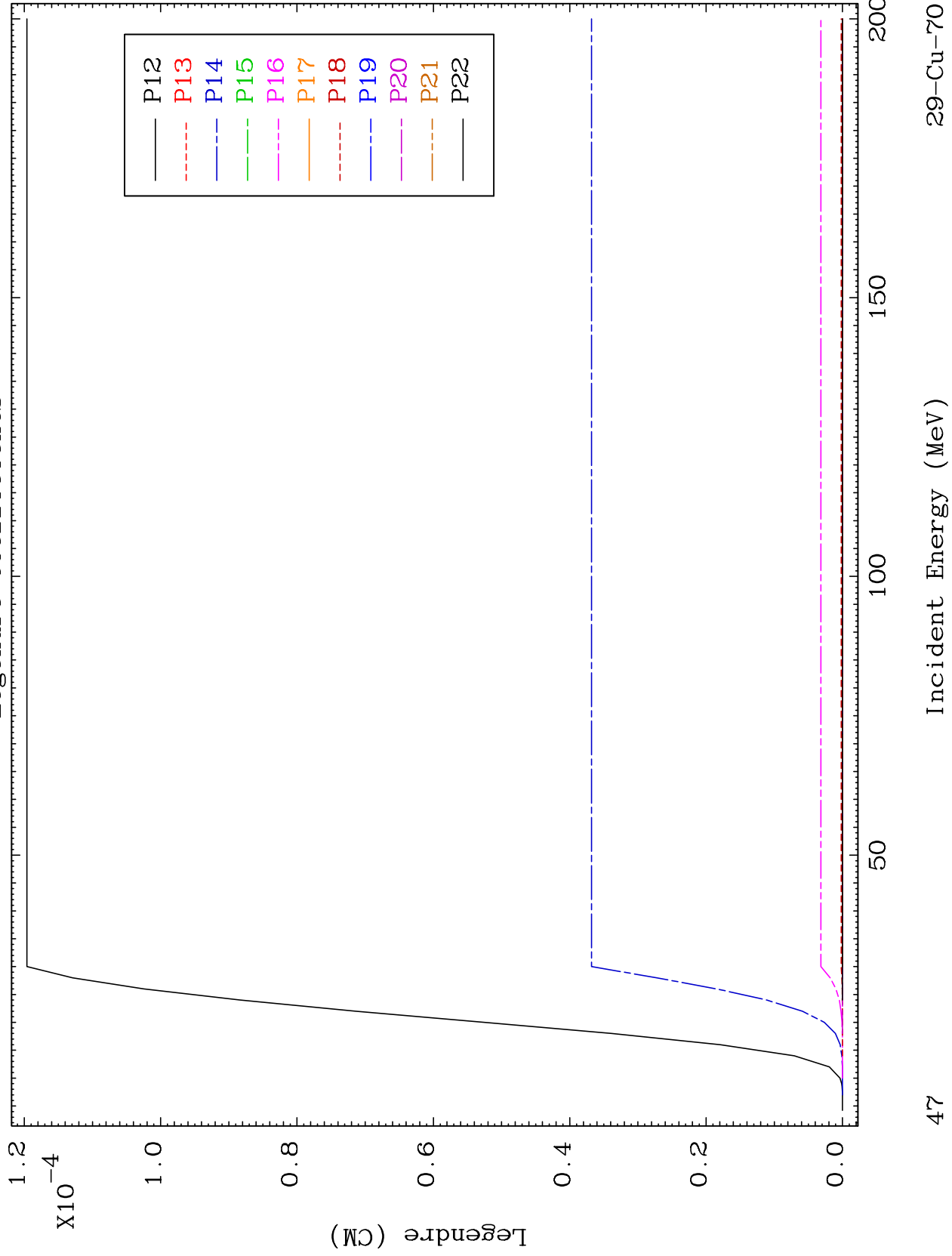




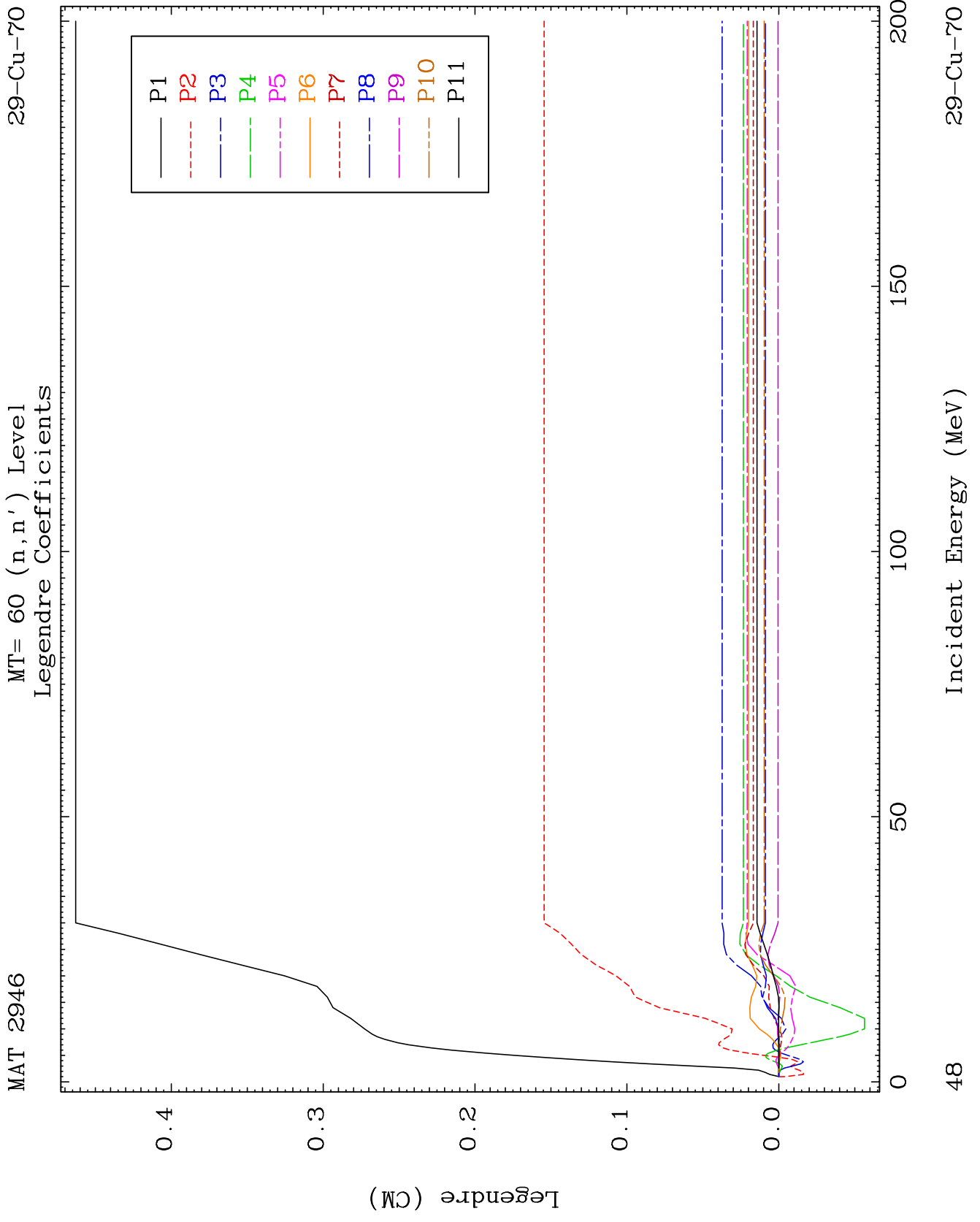
MAT 2946

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

29-Cu-70



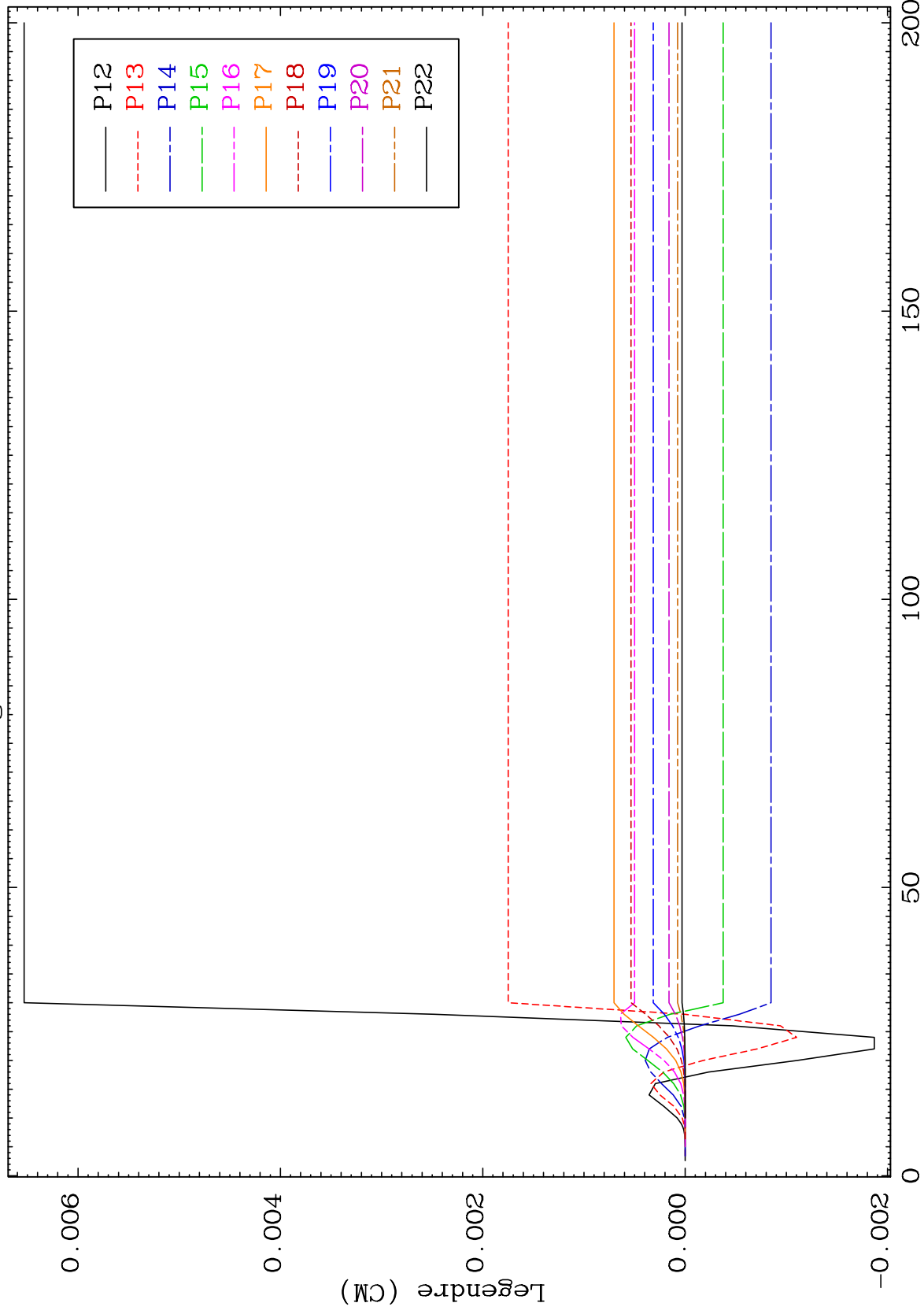




MAT 2946

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

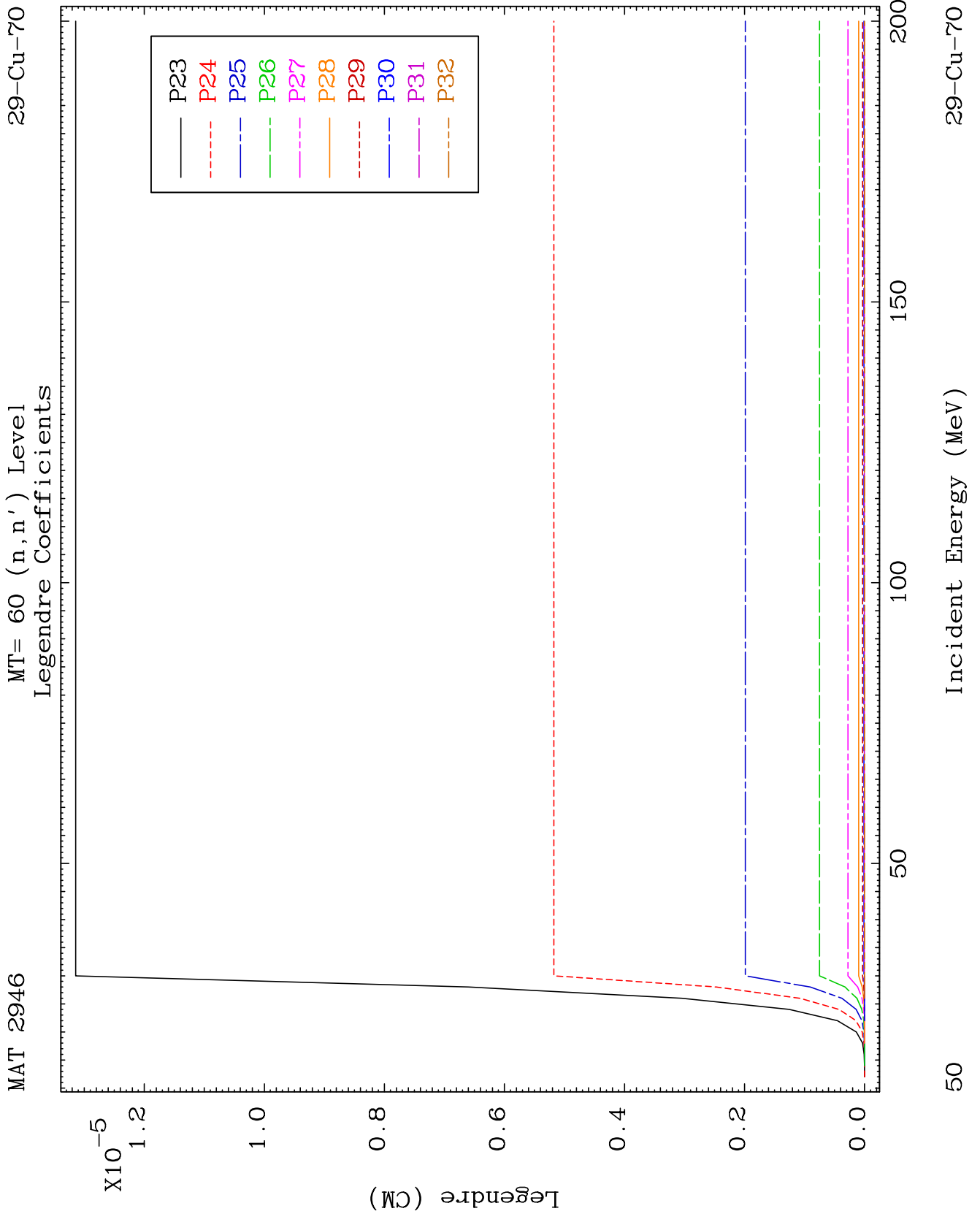
29-Cu-70



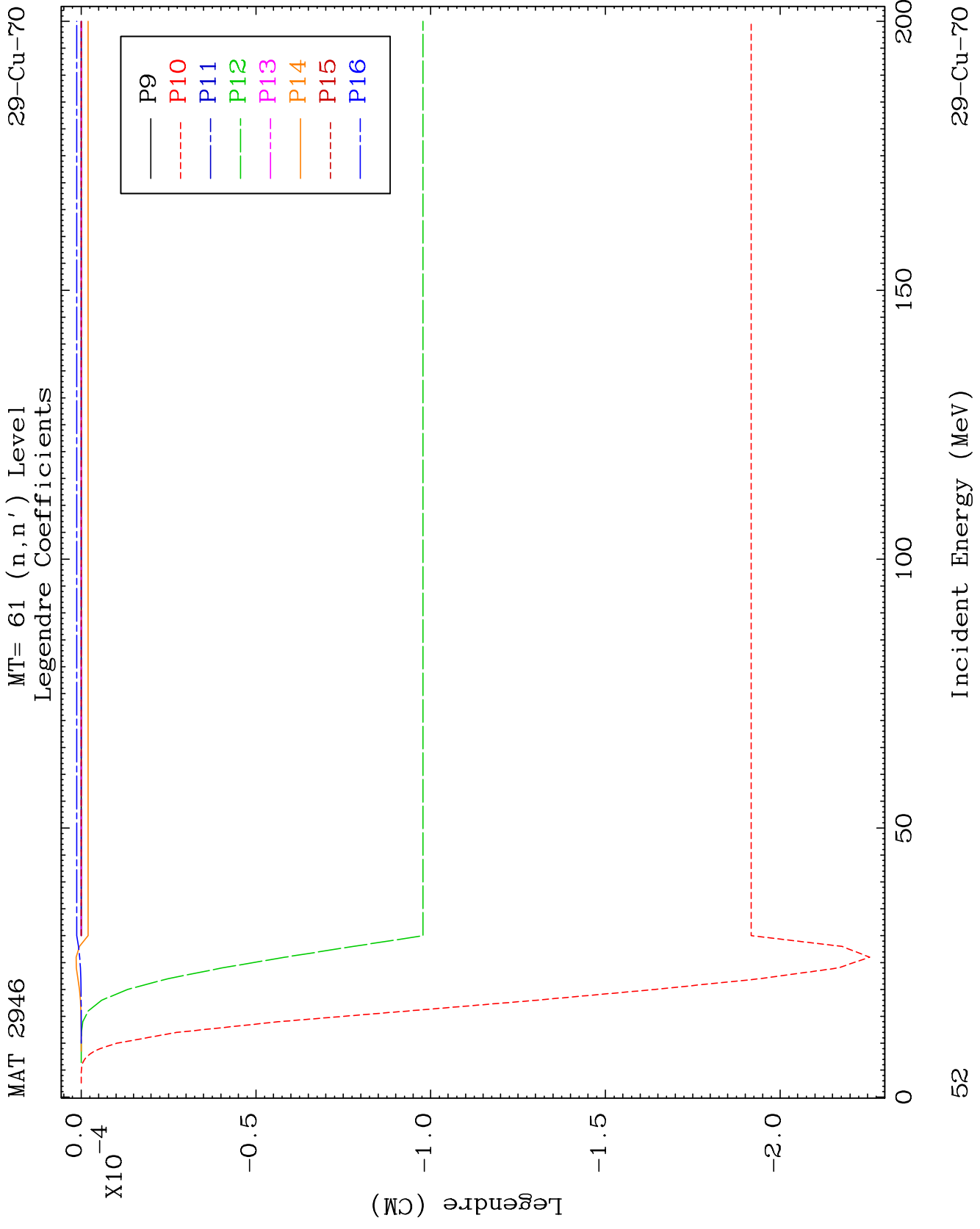
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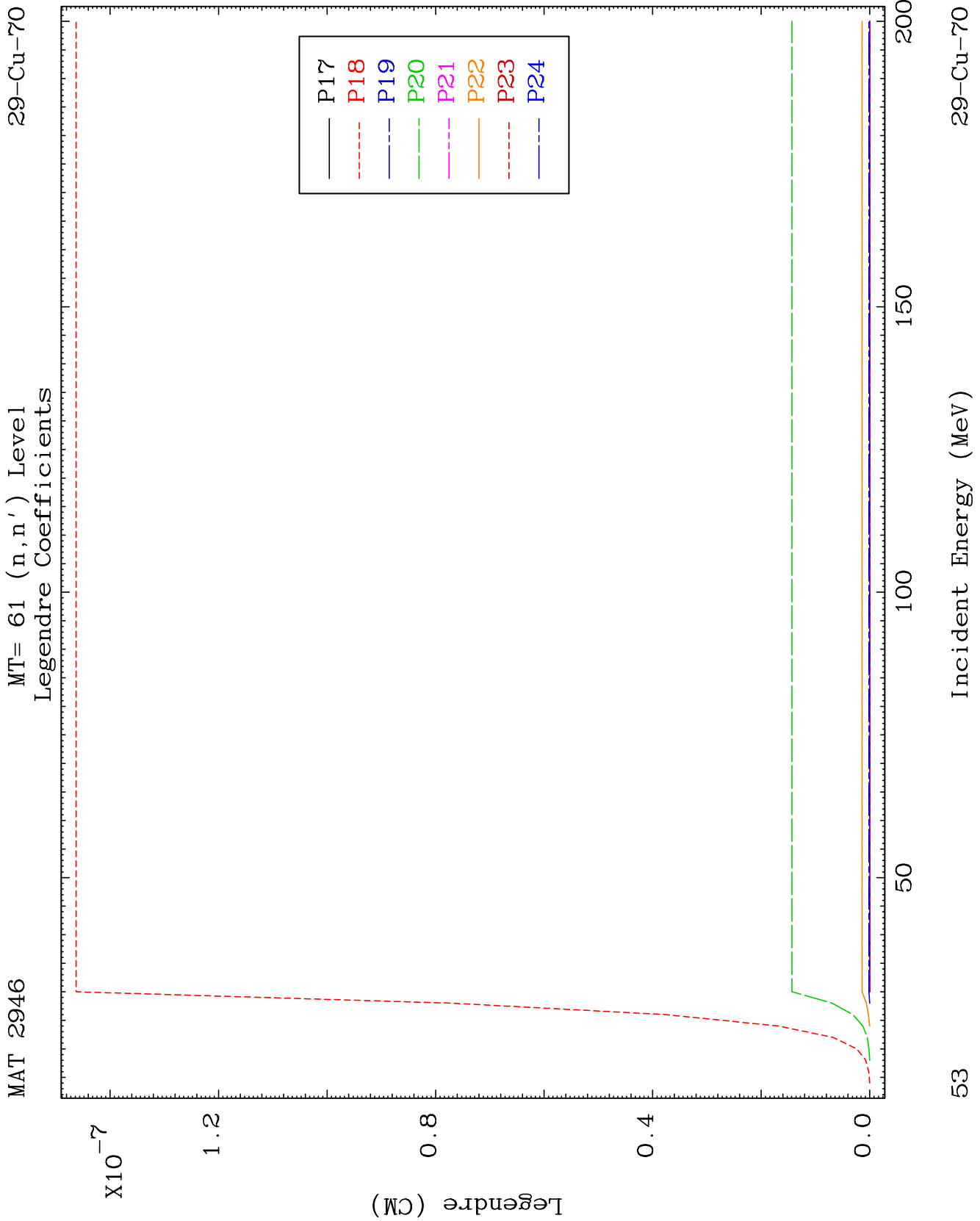
Incident Energy (MeV)

29-Cu-70





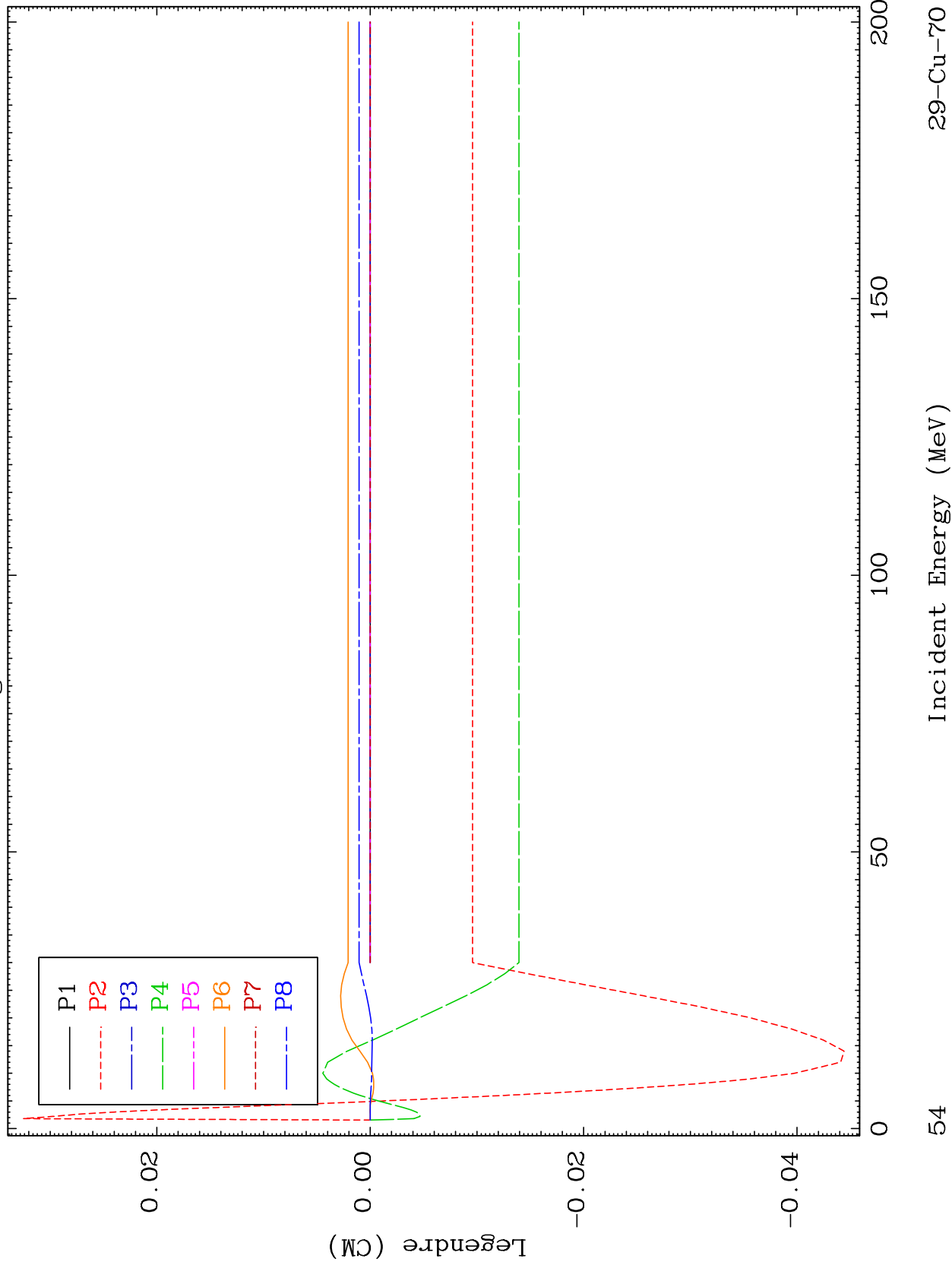




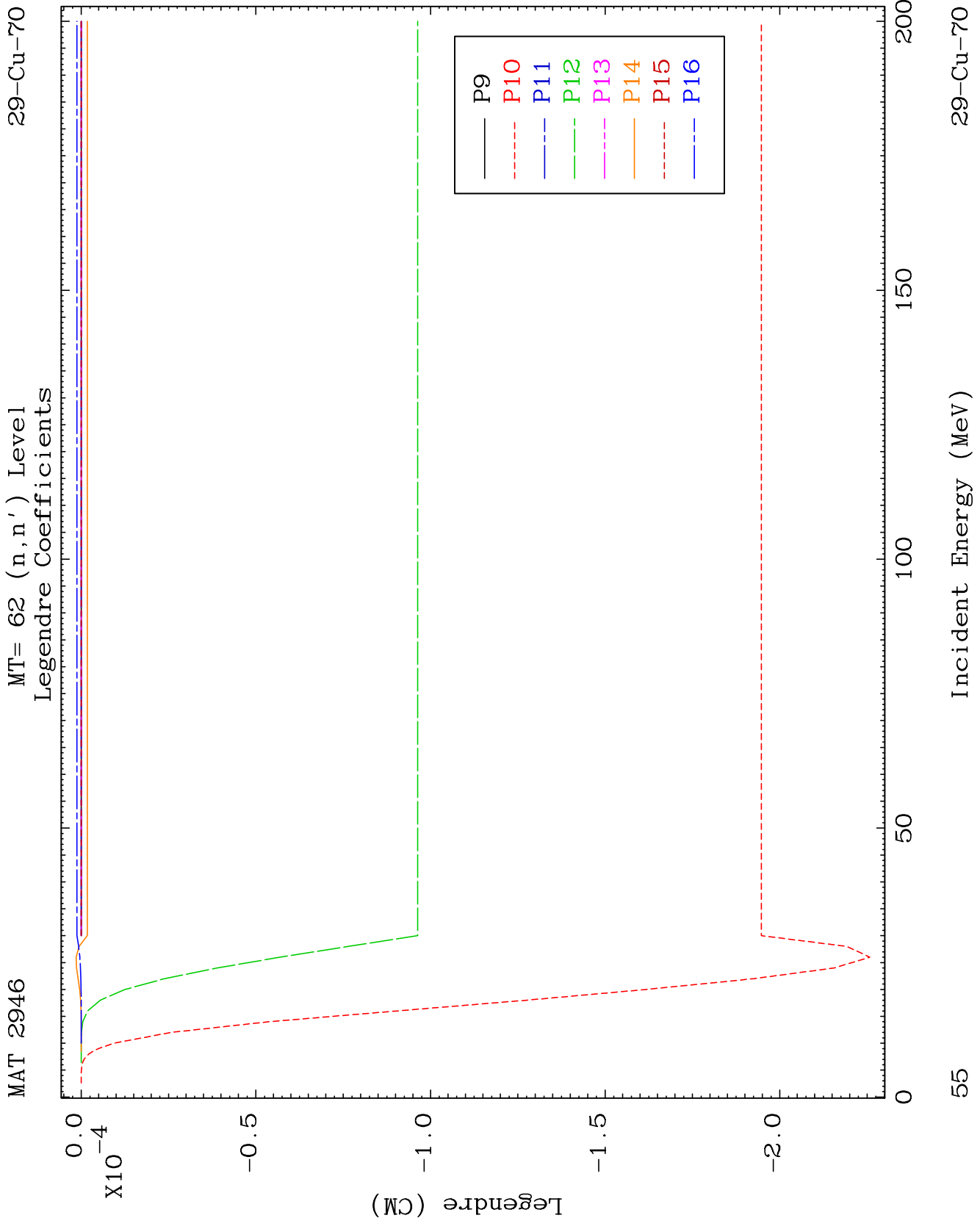
MAT 2946

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

29-Cu-70



54



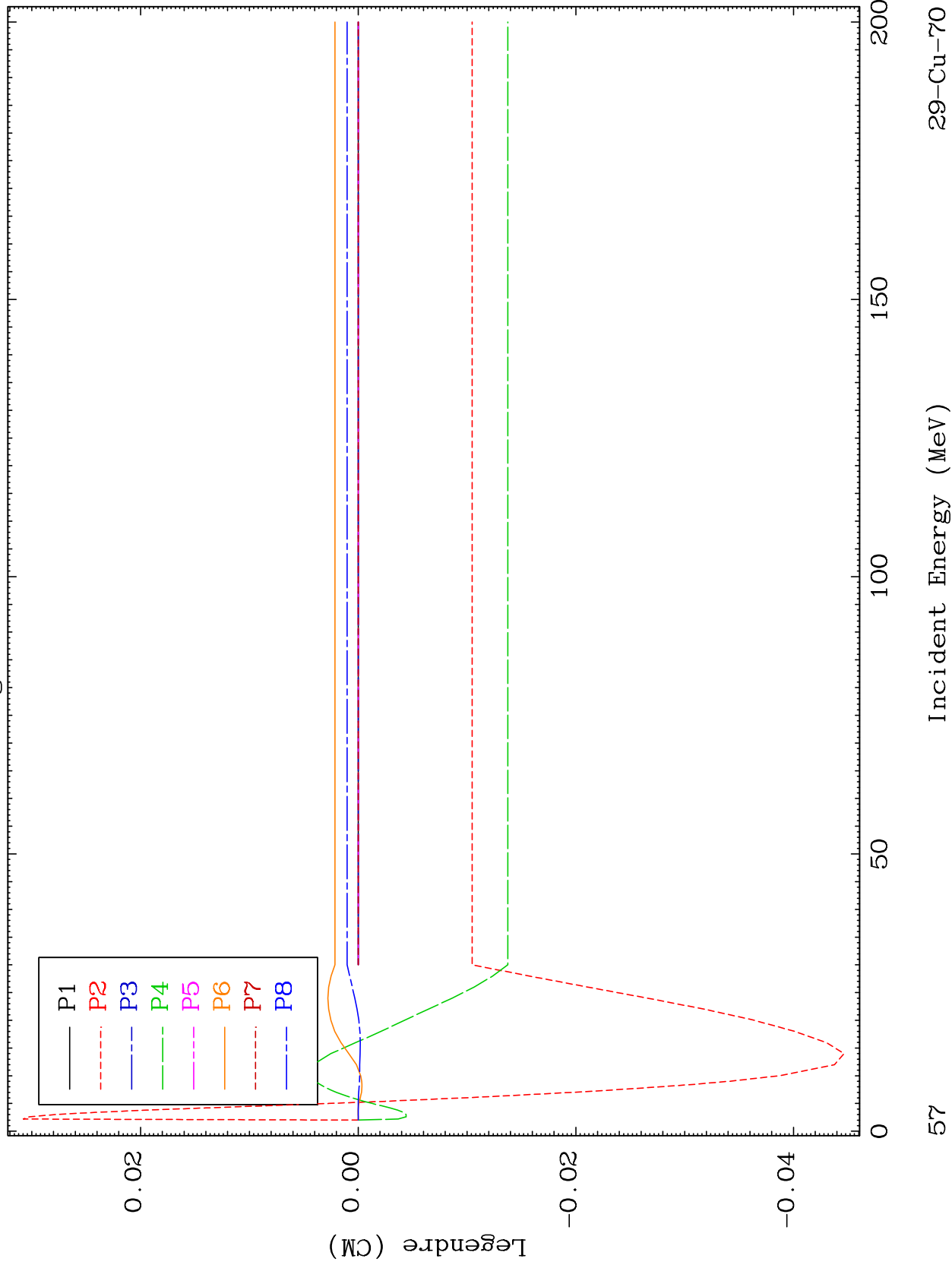




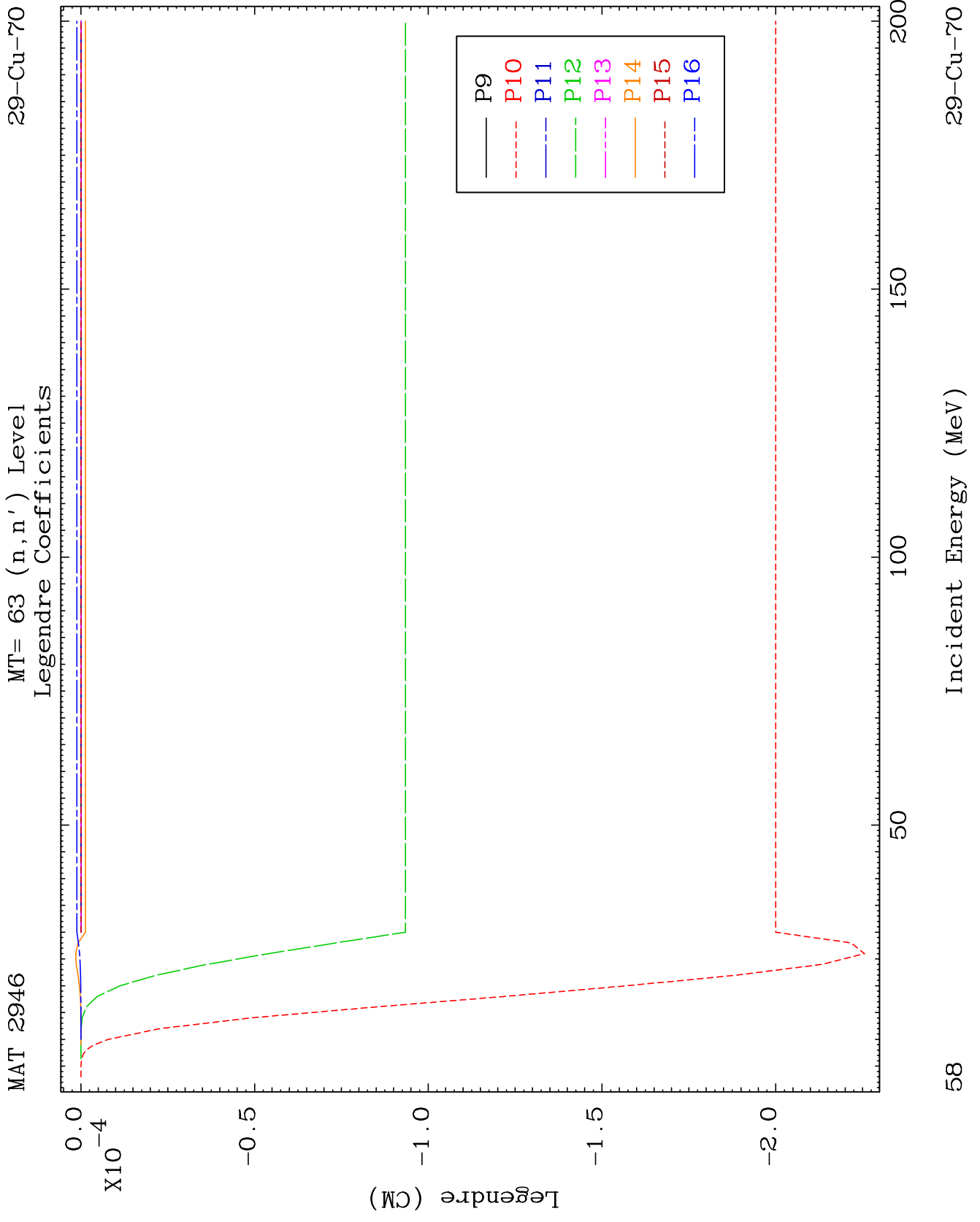
MAT 2946

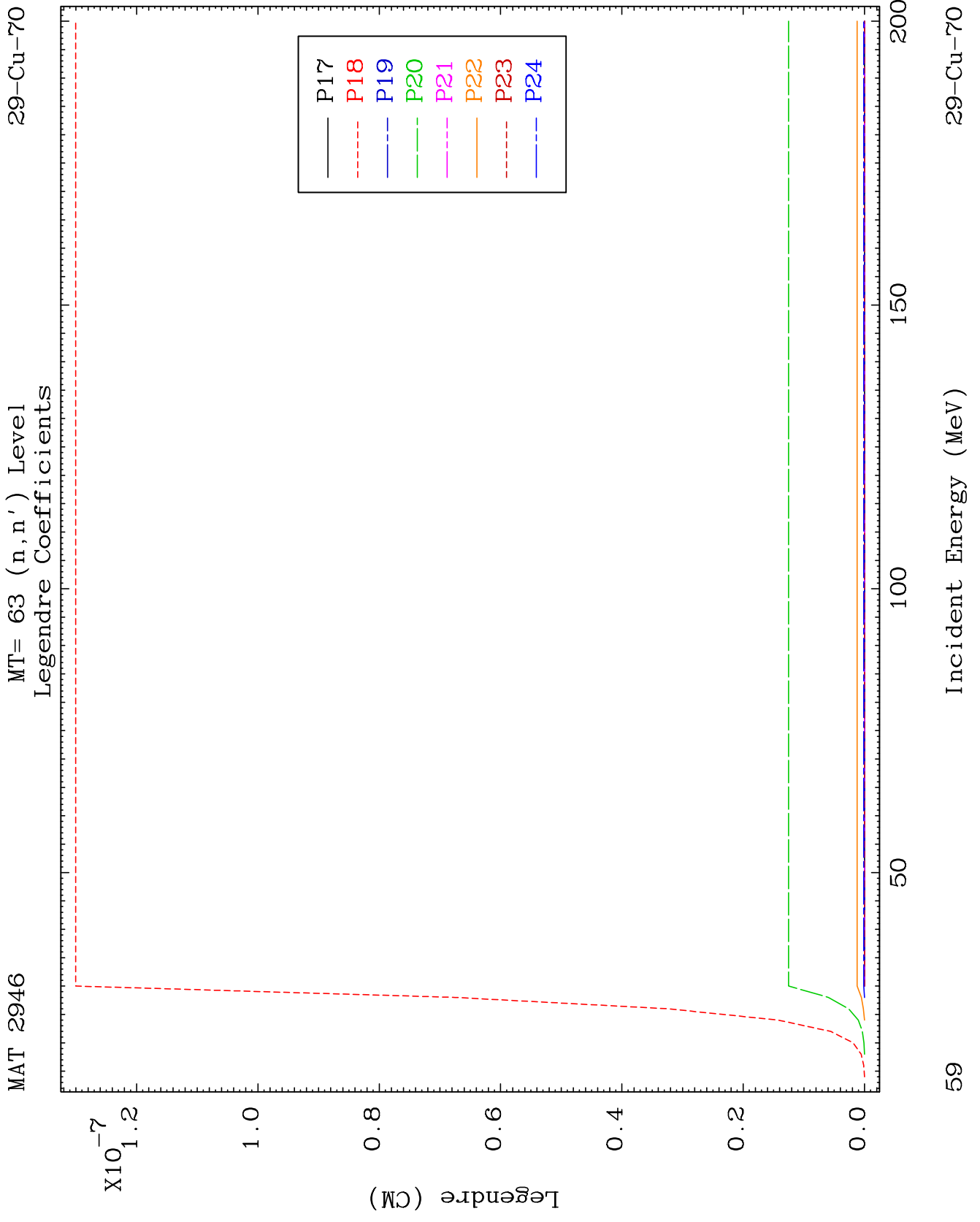
MT= 63 (n,n') Level  
Legendre Coefficients

29-Cu-70



57



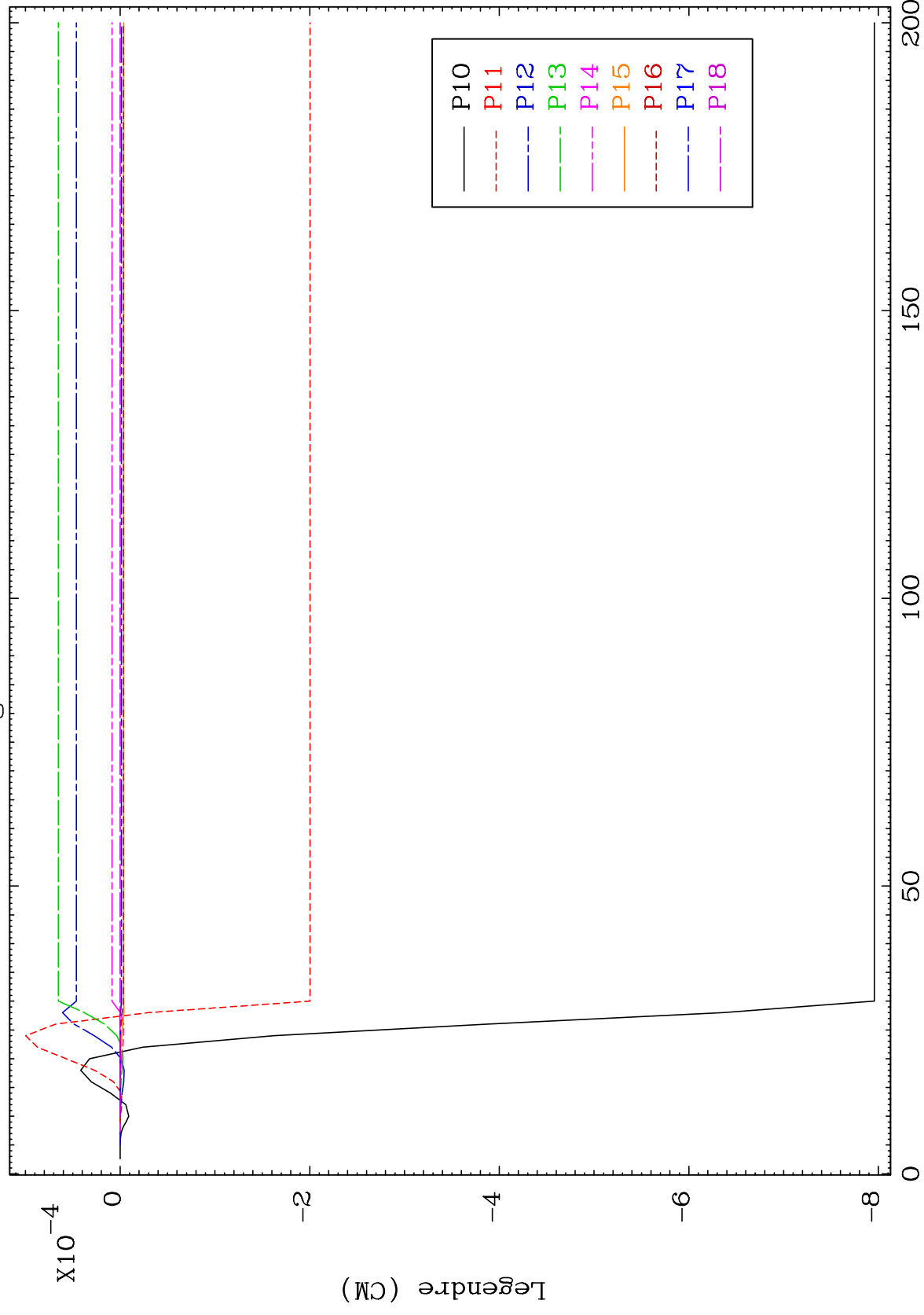




MAT 2946

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

29-Cu-70



61

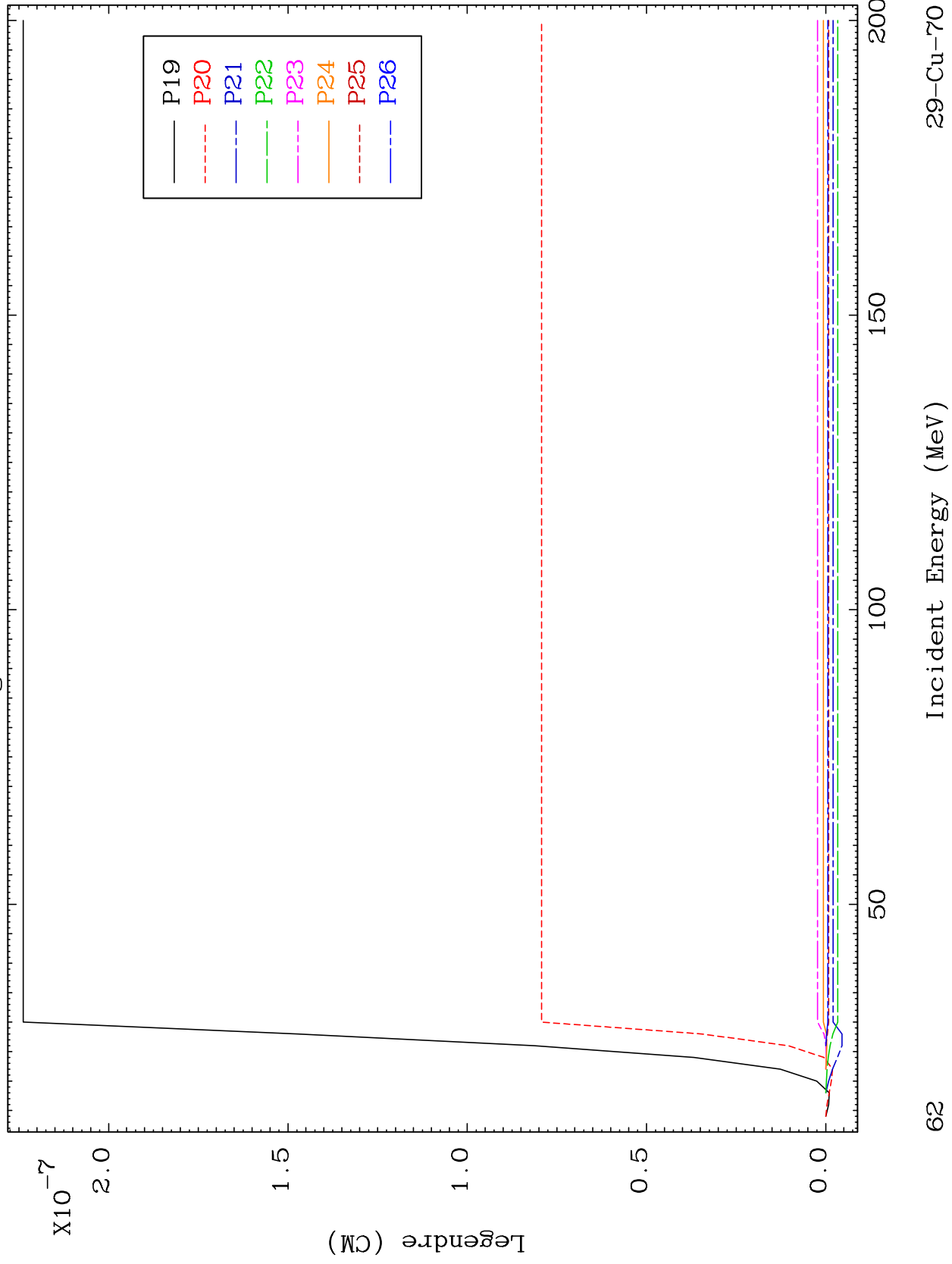
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

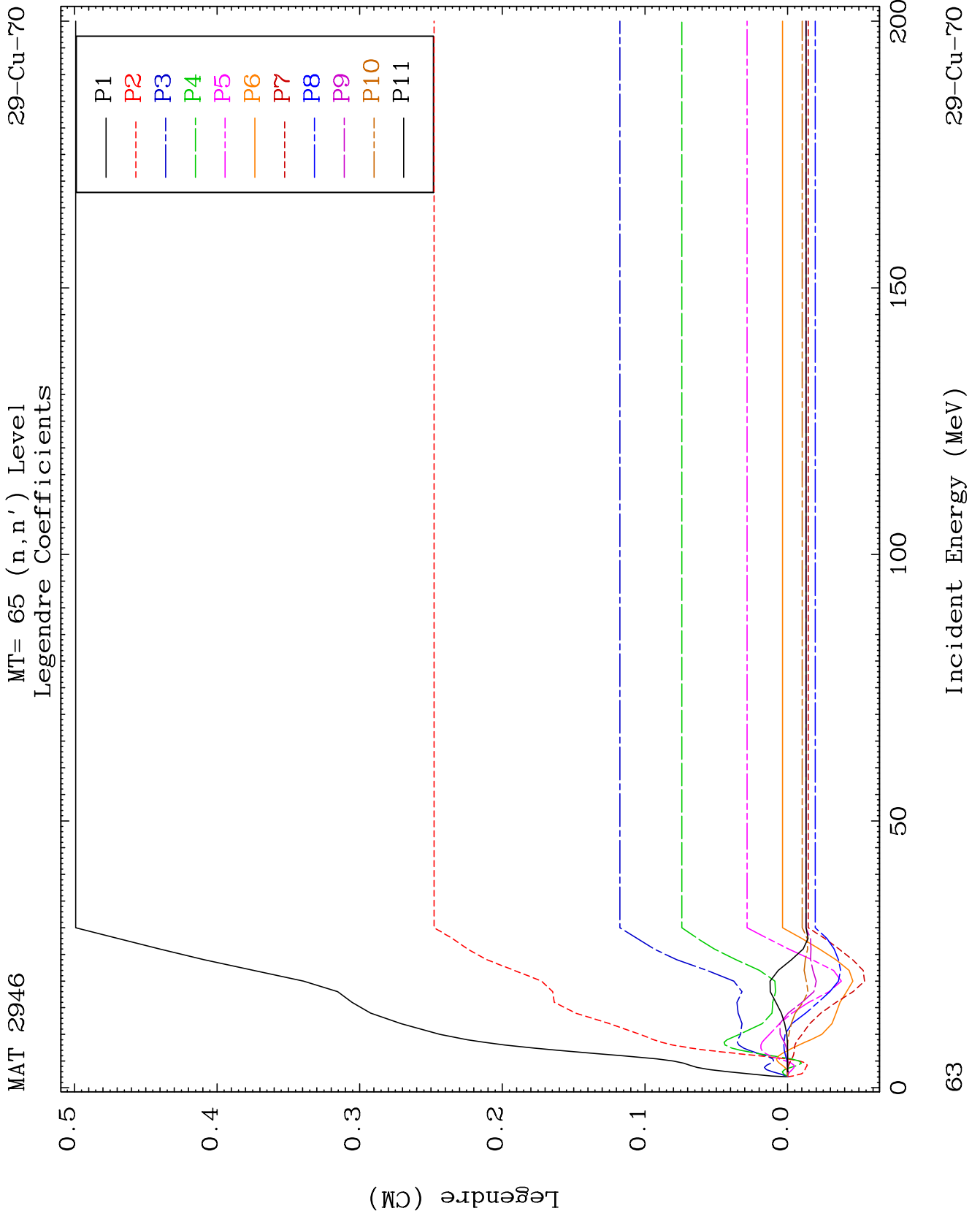
29-Cu-70



62

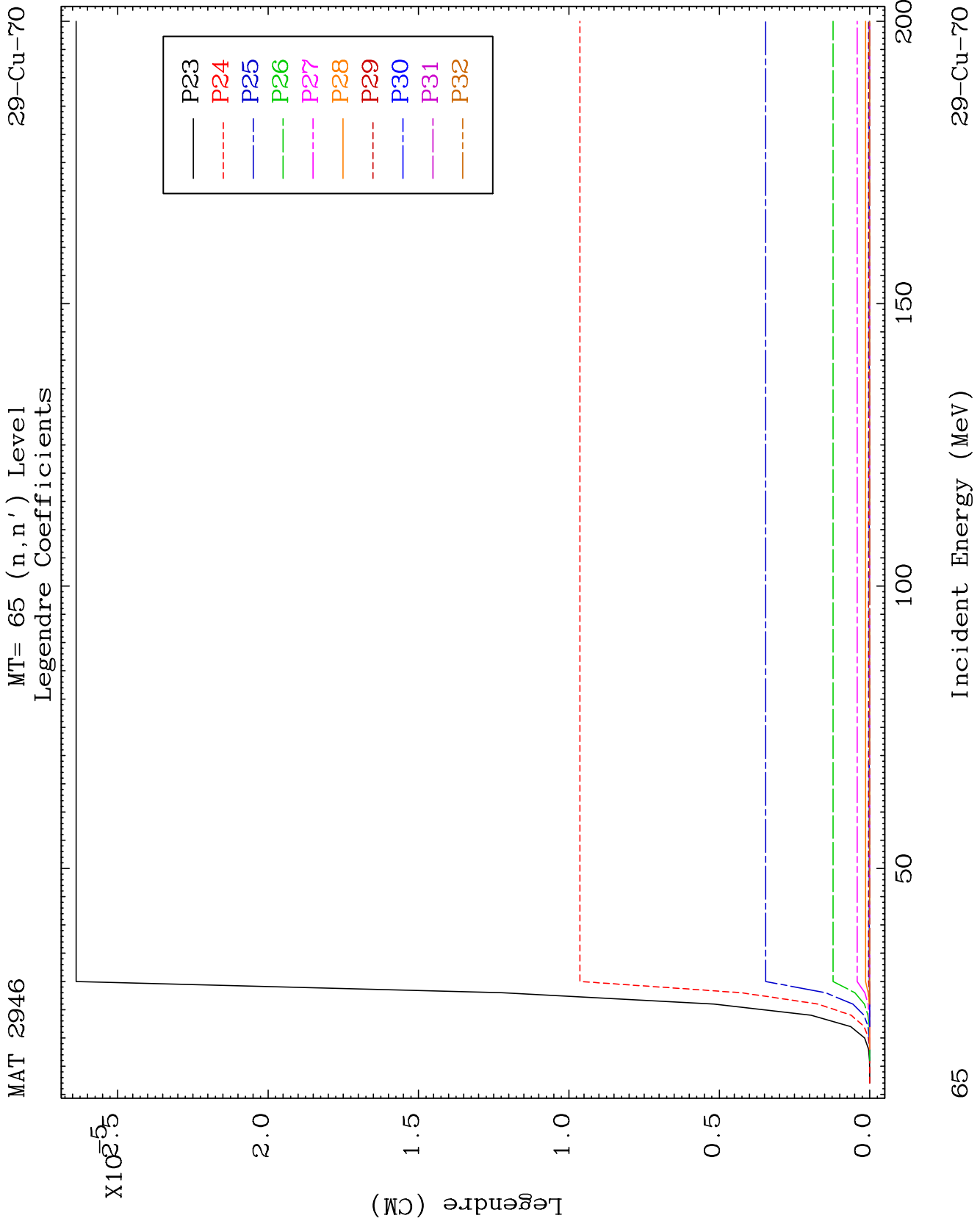
Incident Energy (MeV)

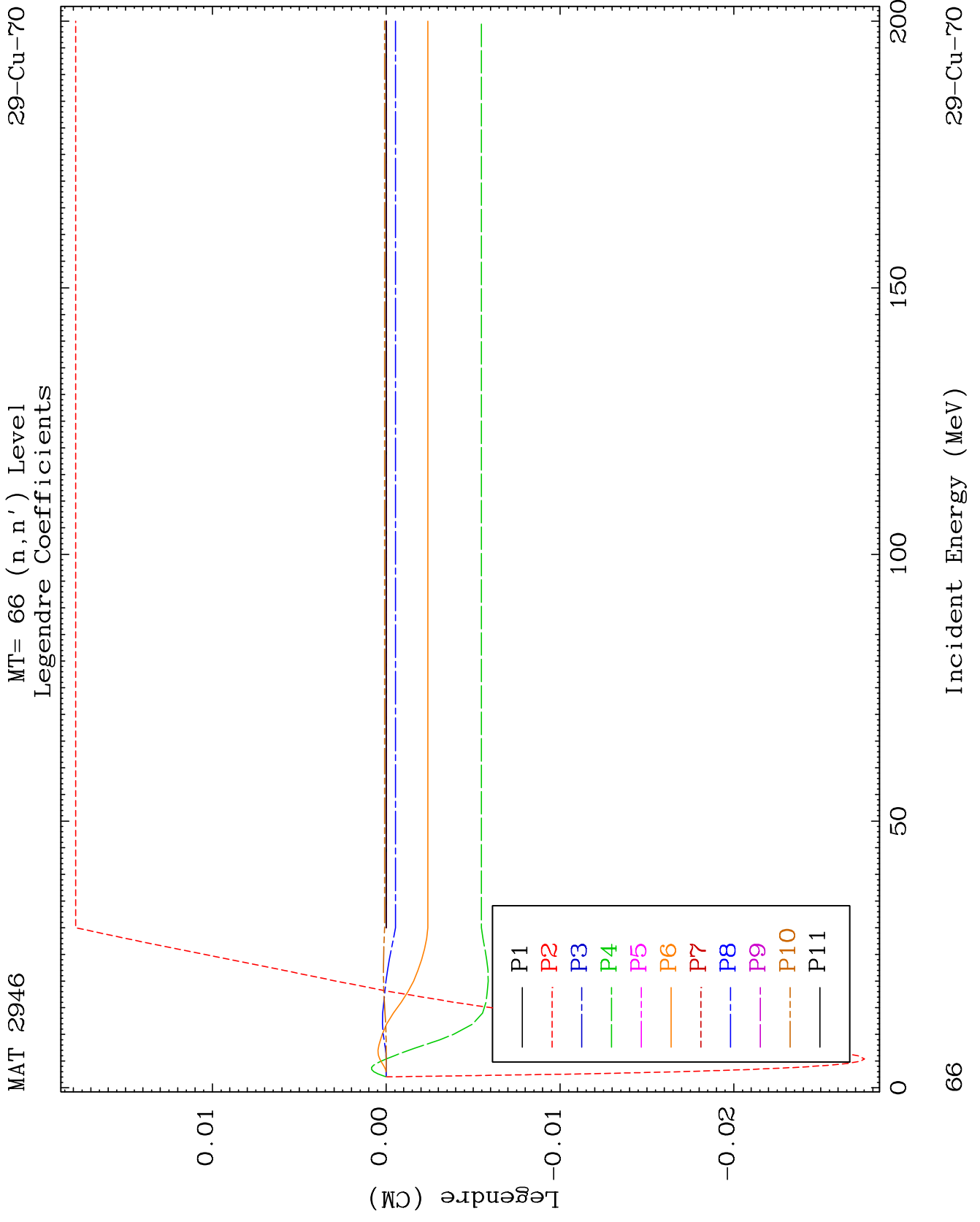
29-Cu-70







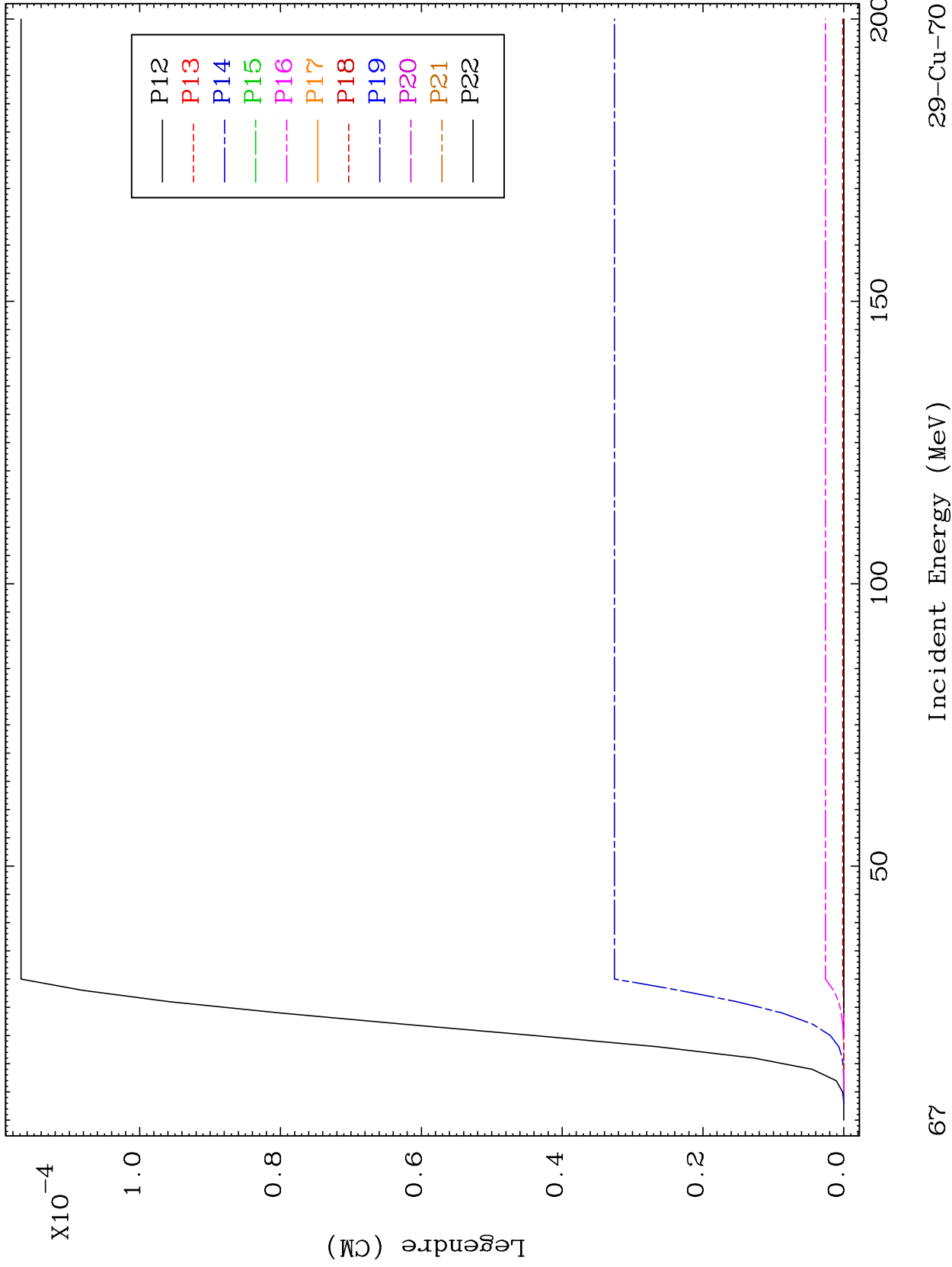




MAT 2946

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

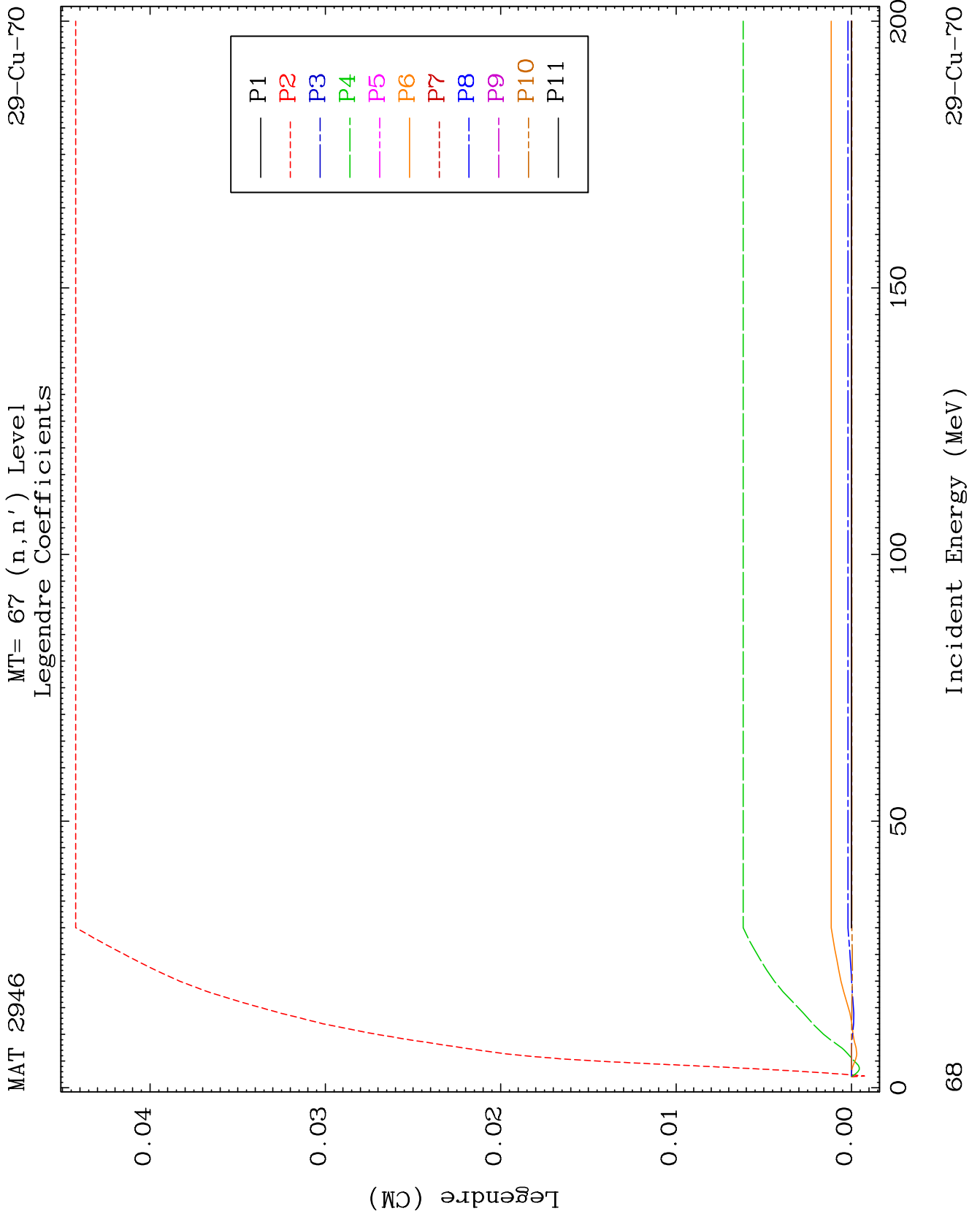
29-Cu-70

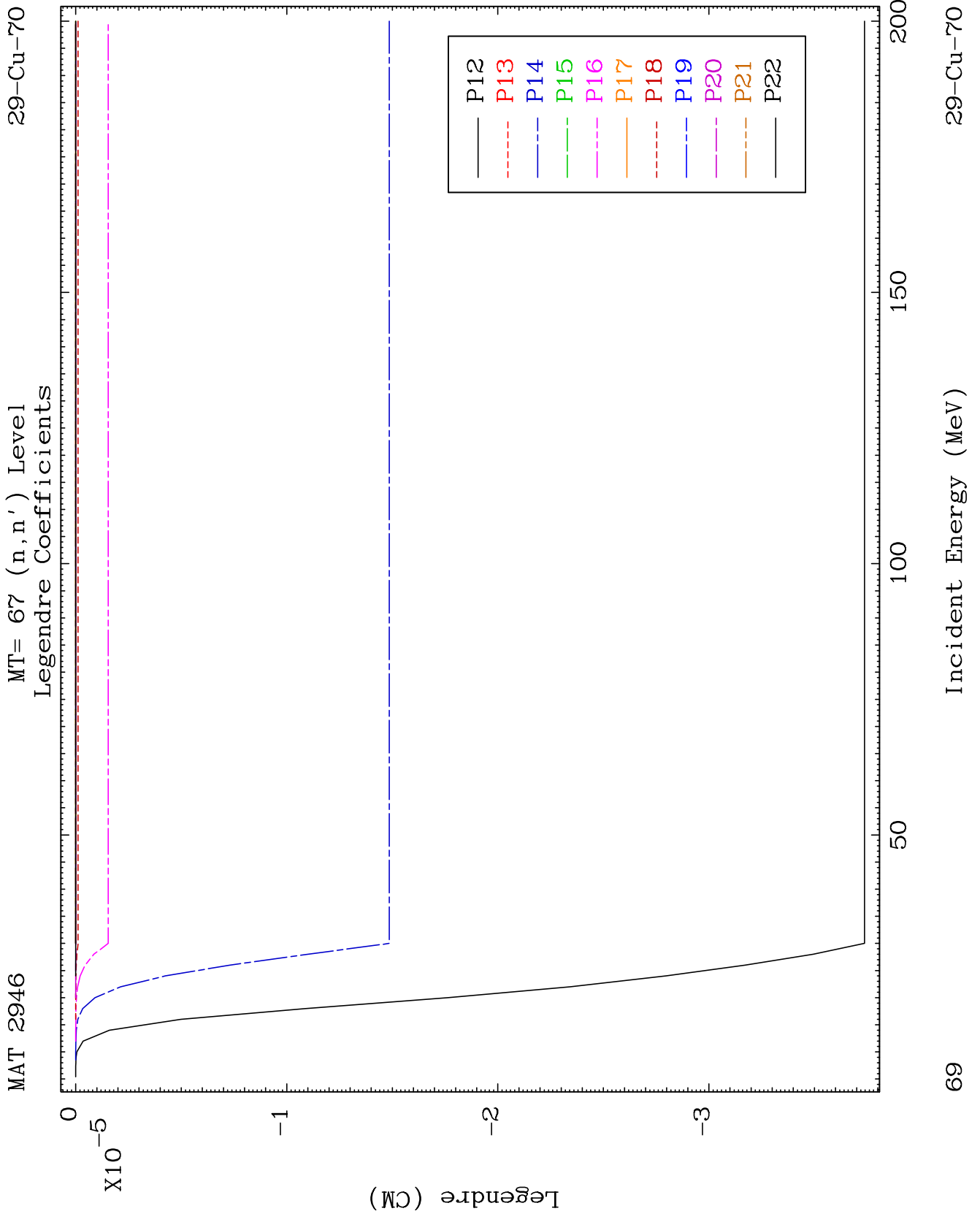


67

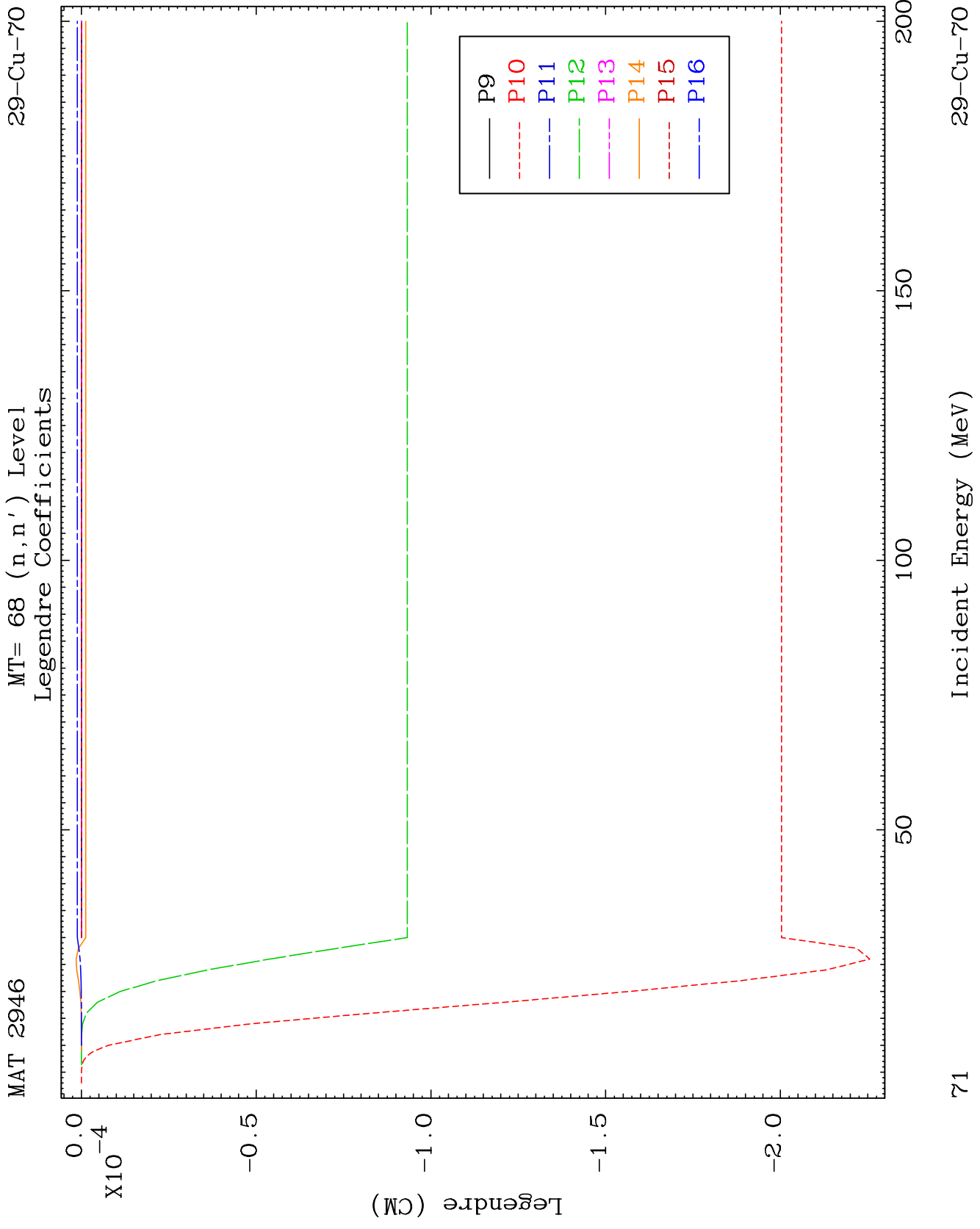
Incident Energy (MeV)

29-Cu-70

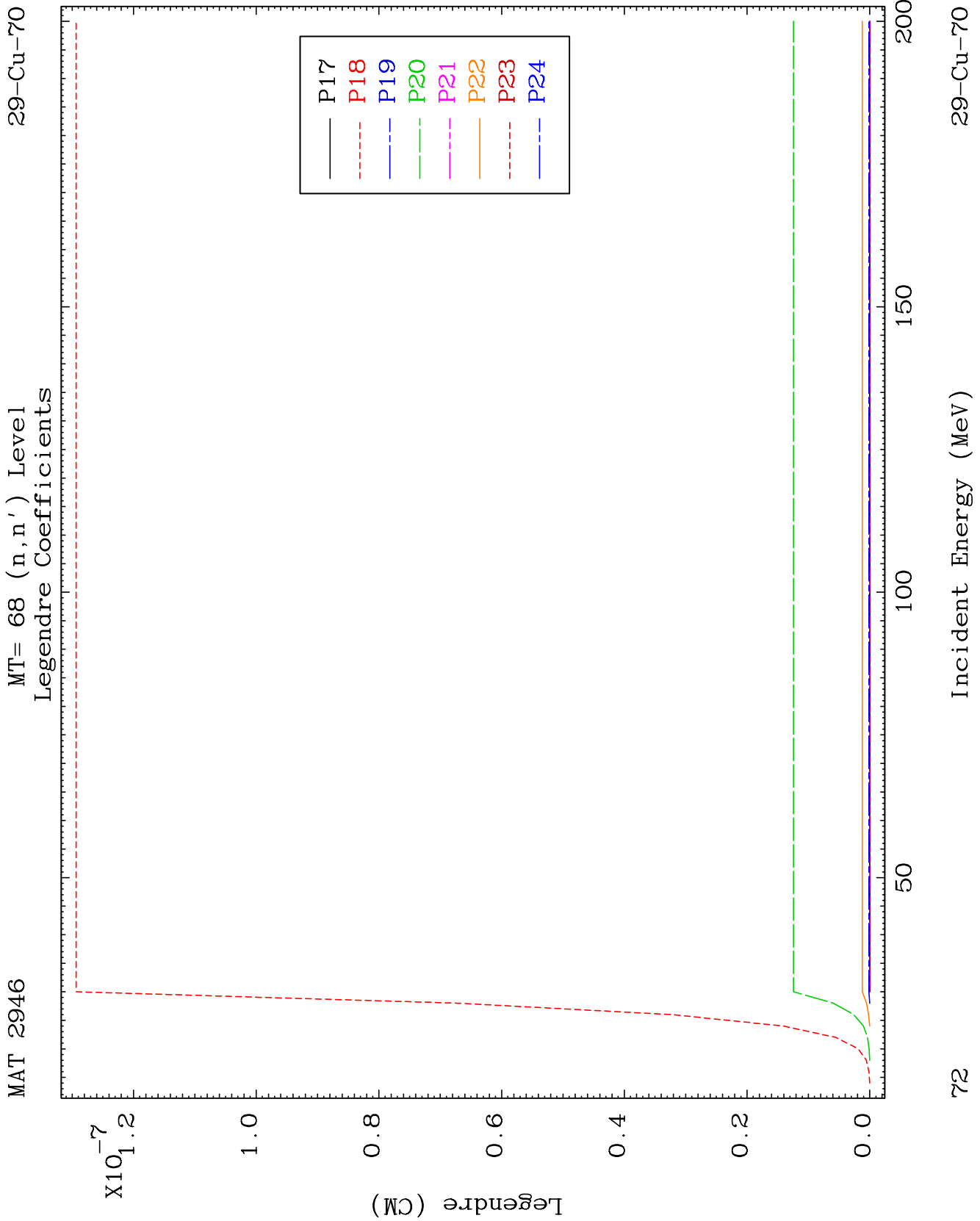










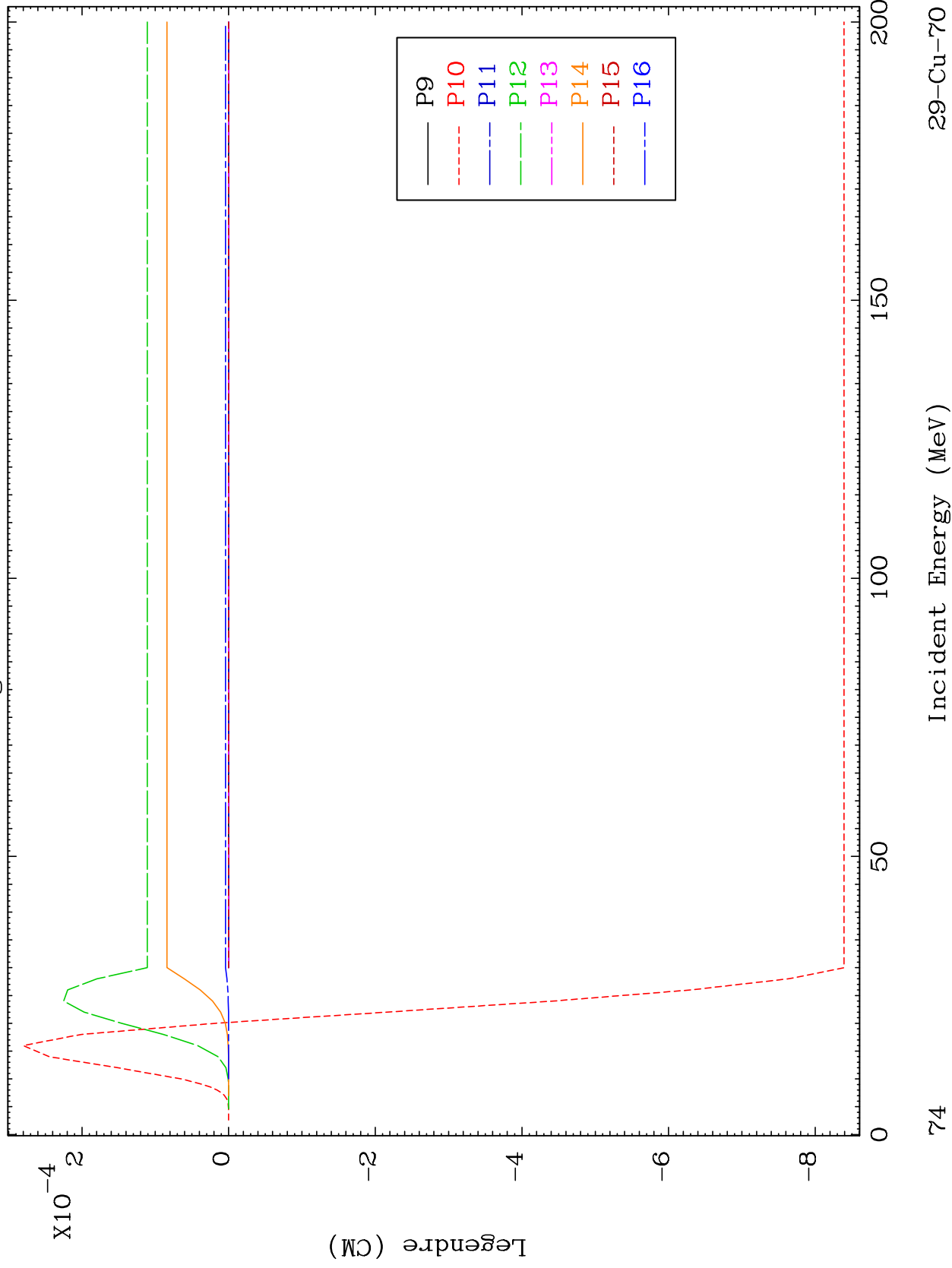




MAT 2946

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

29-Cu-70



74

29-Cu-70

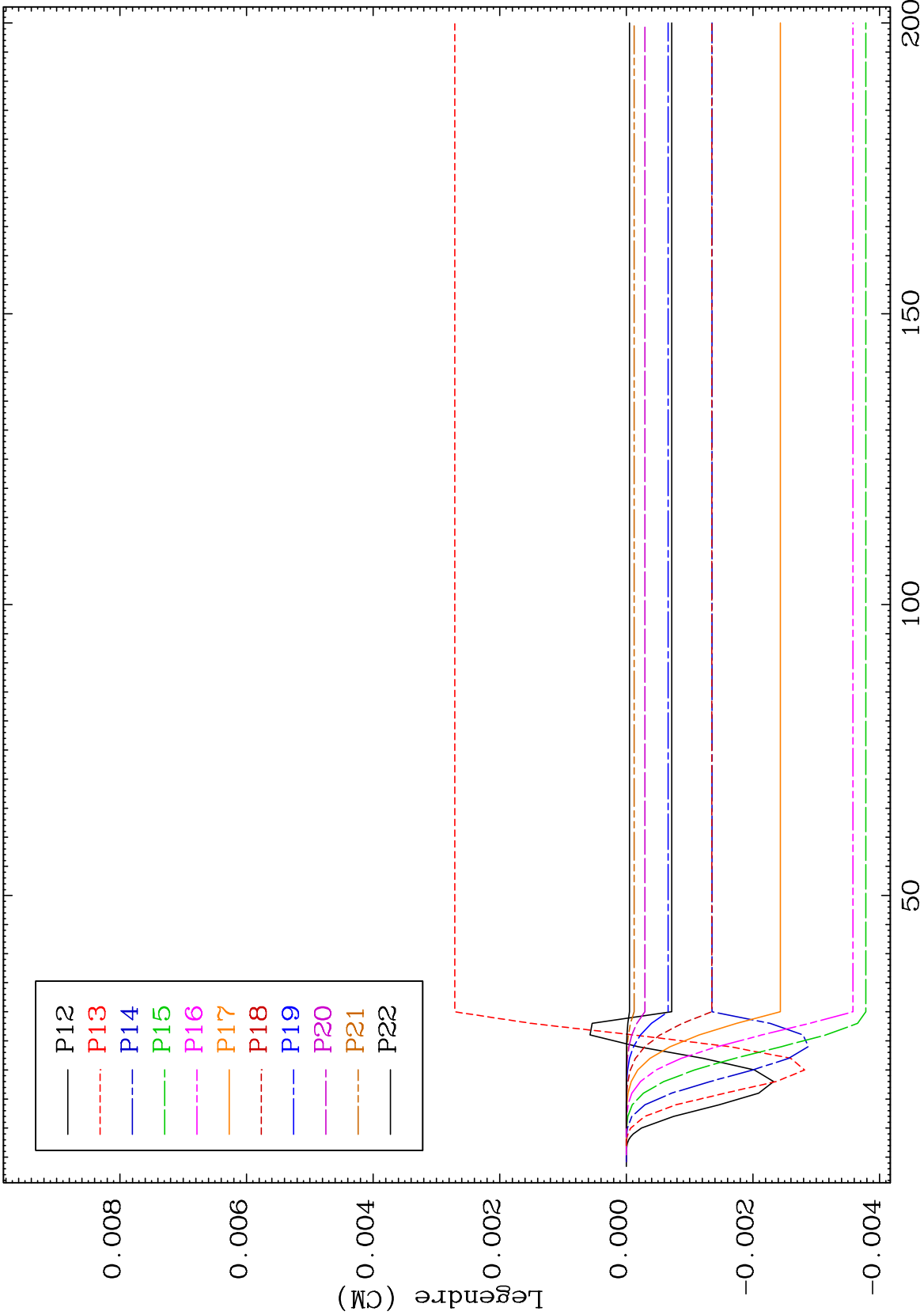


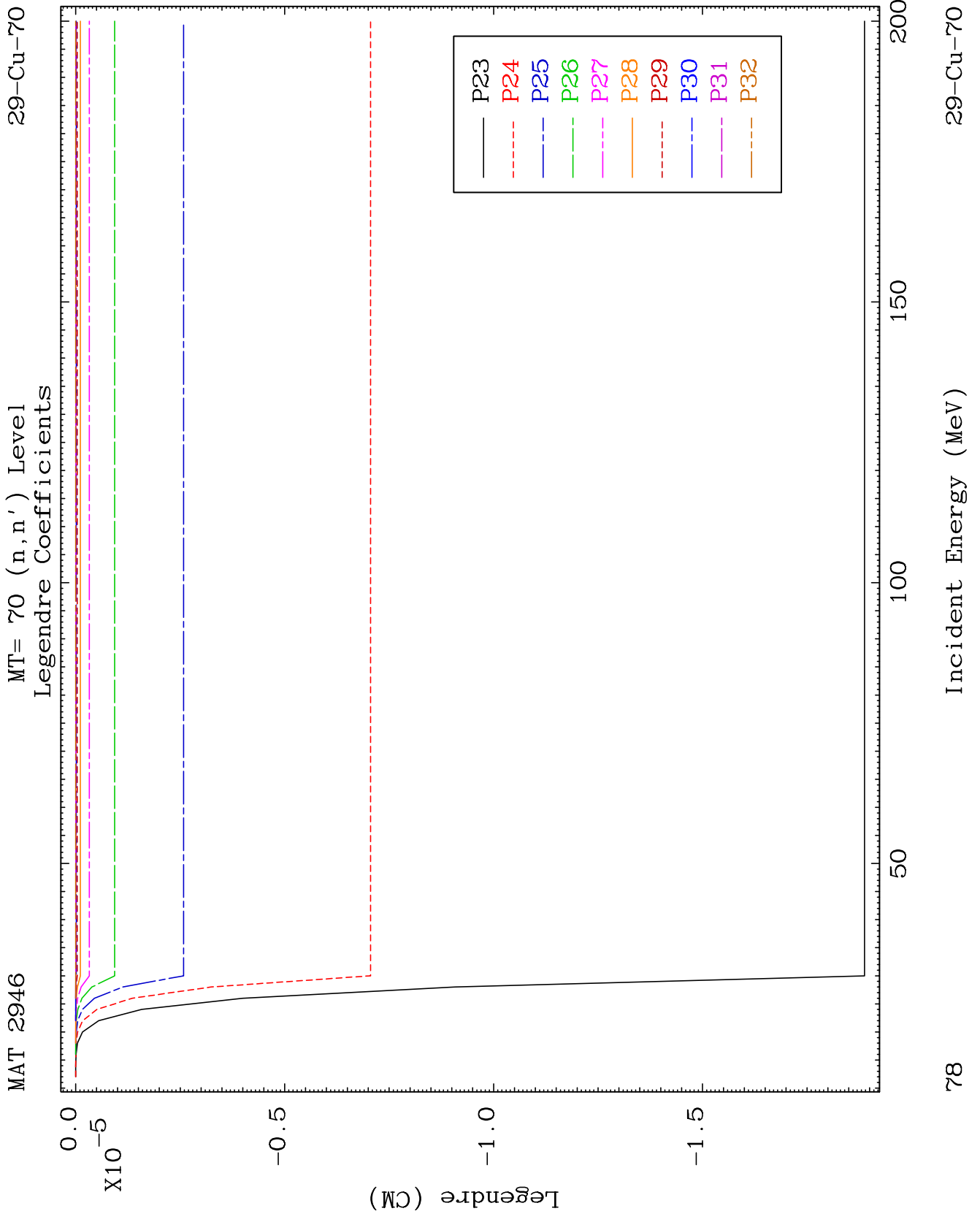


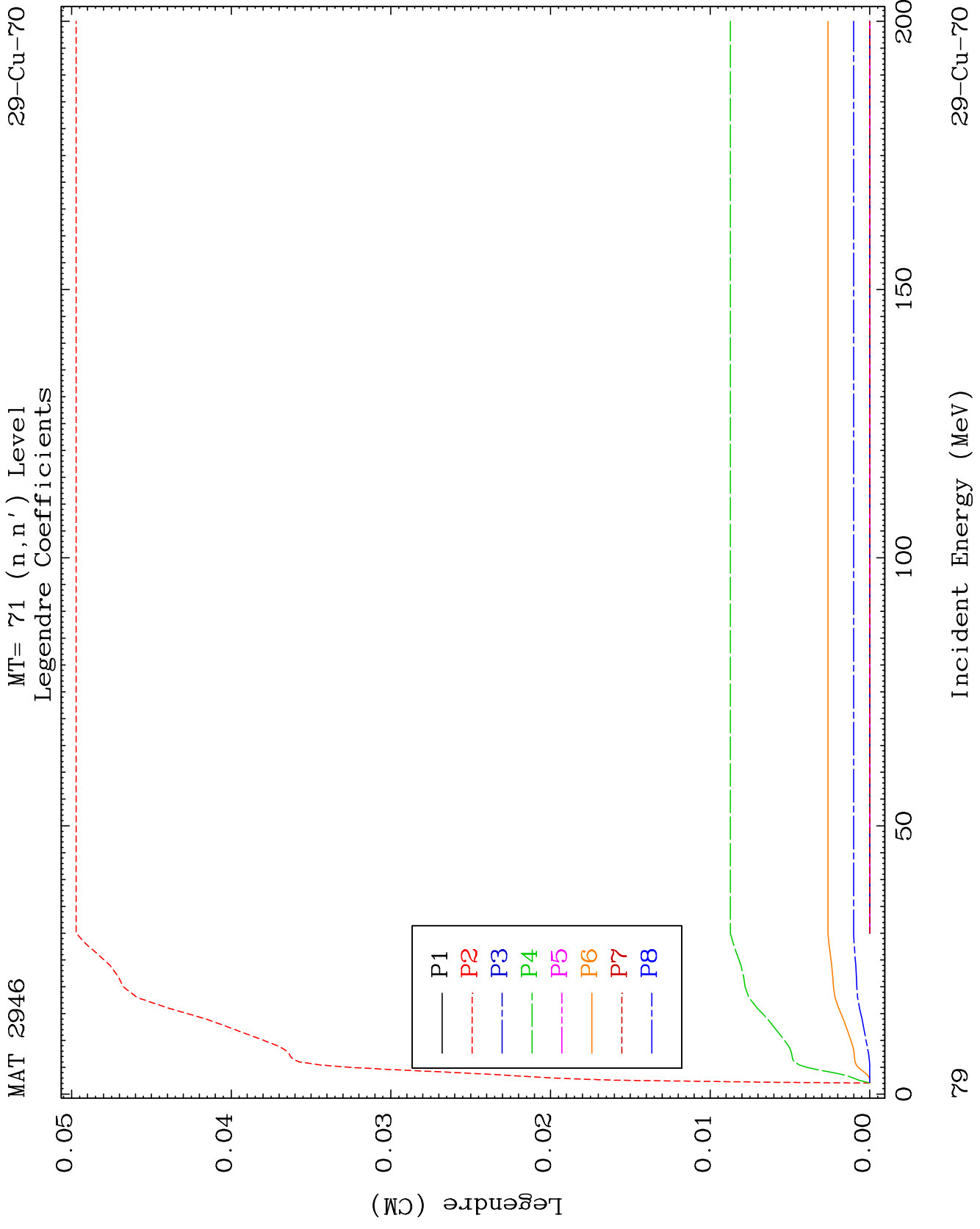
MAT 2946

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

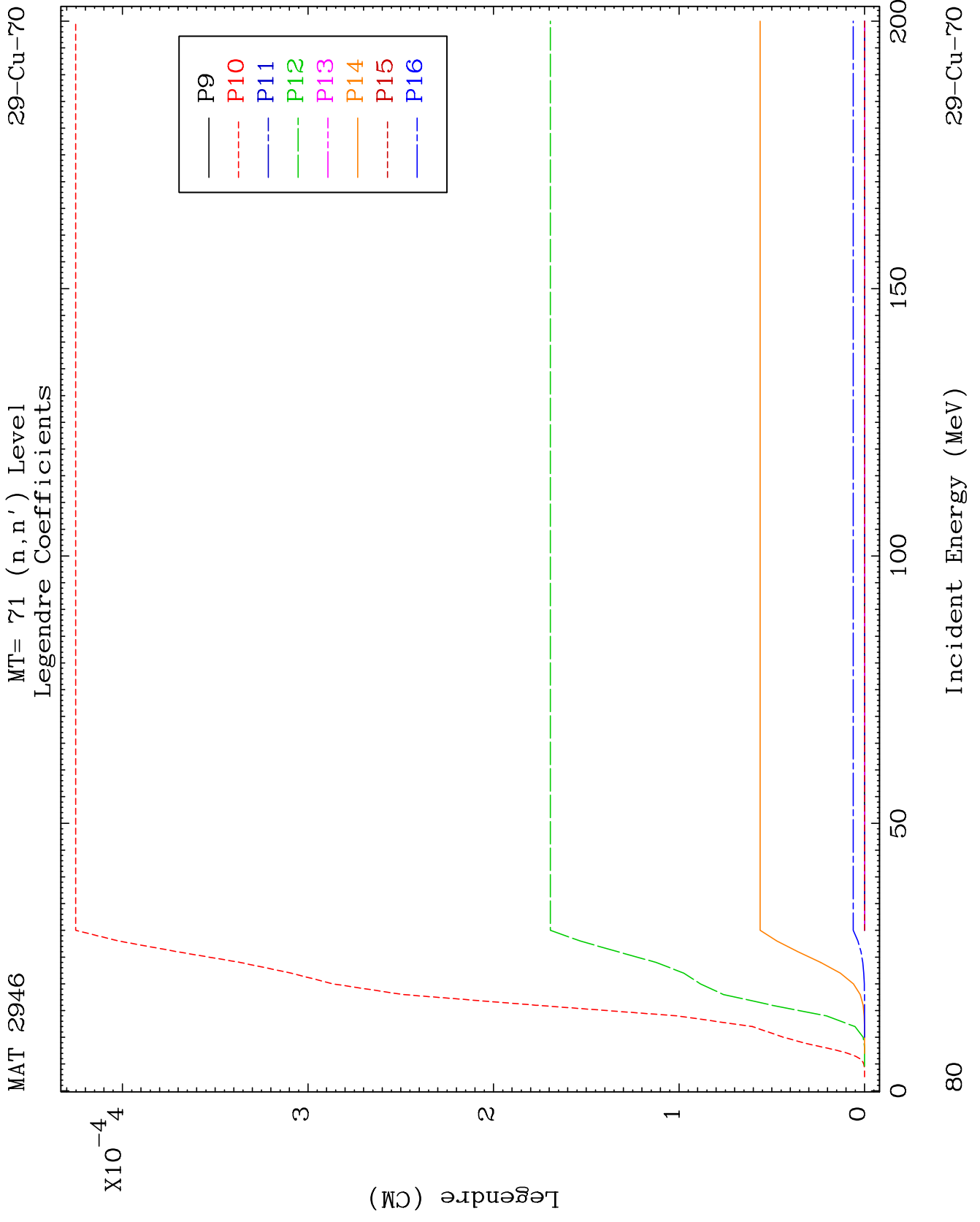
29-Cu-70

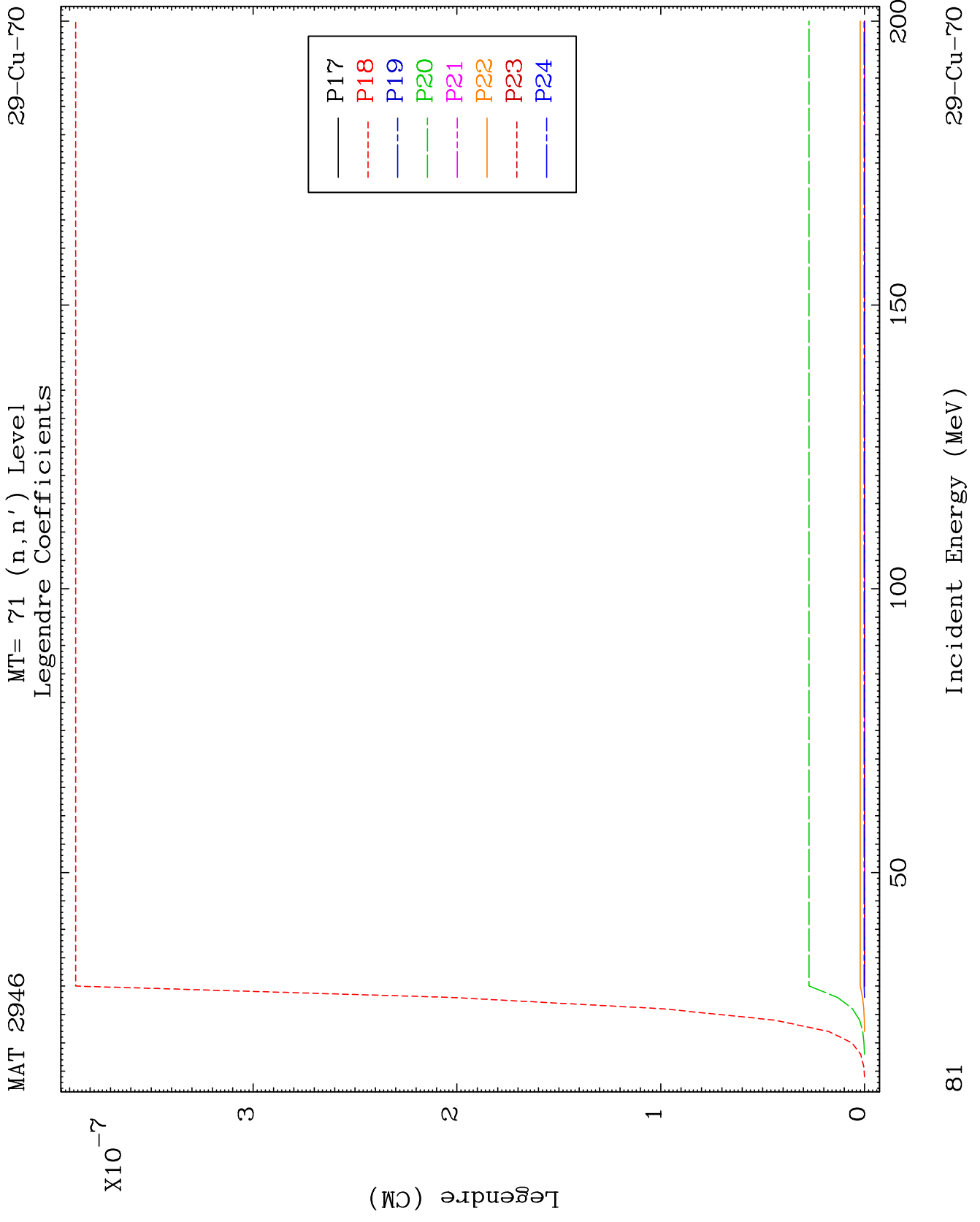








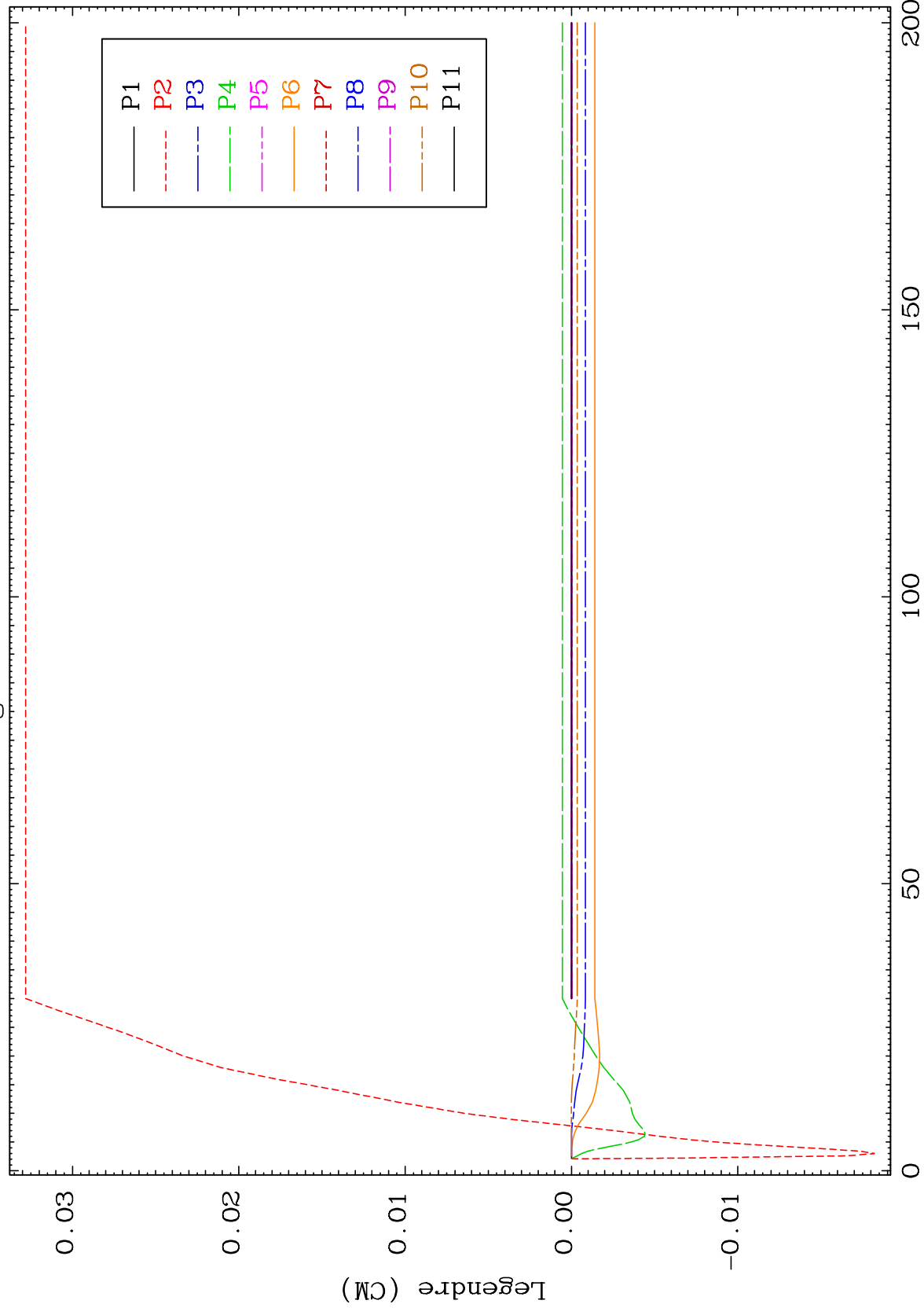




MAT 2946

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

29-Cu-70



82

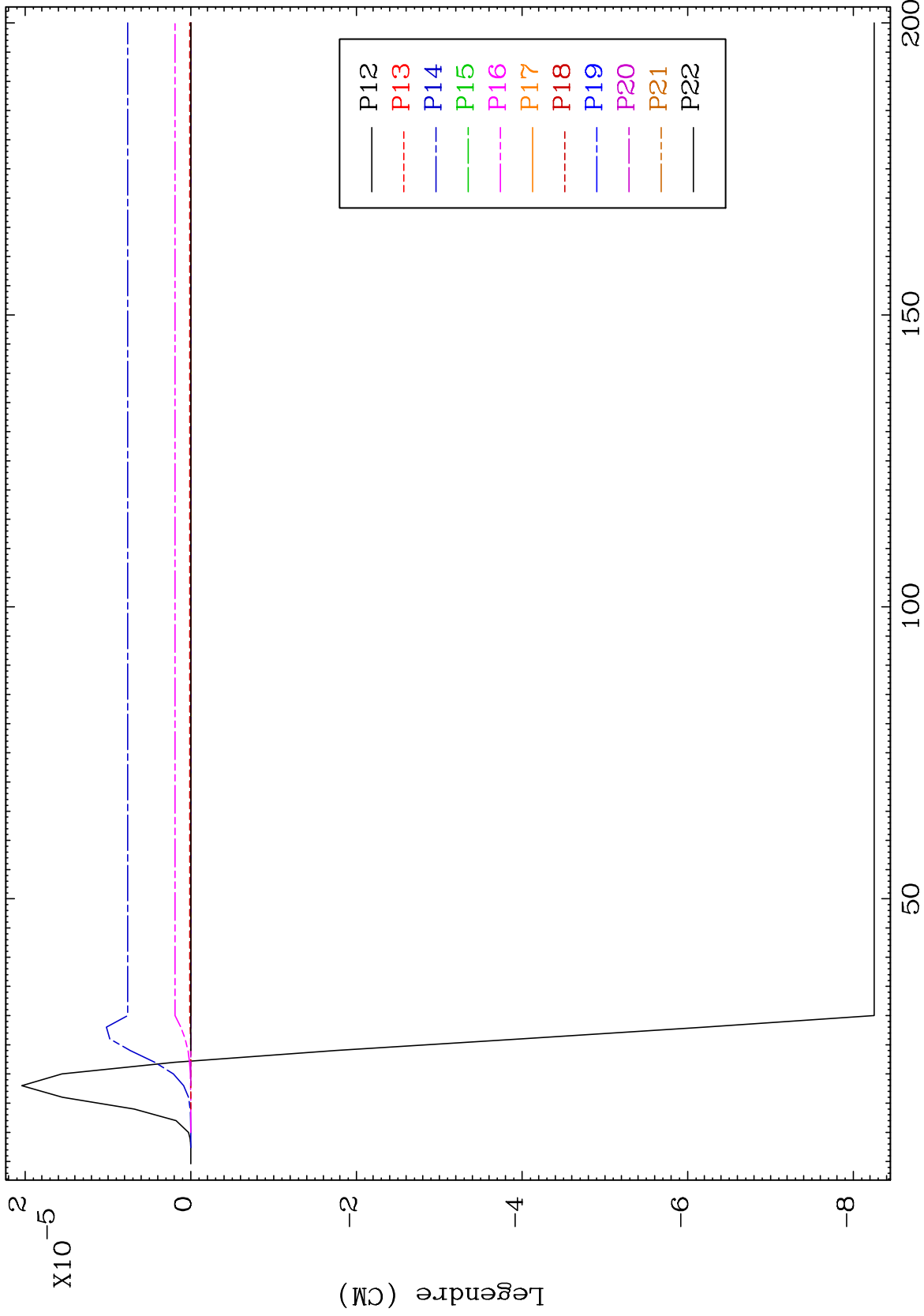
Incident Energy (MeV)

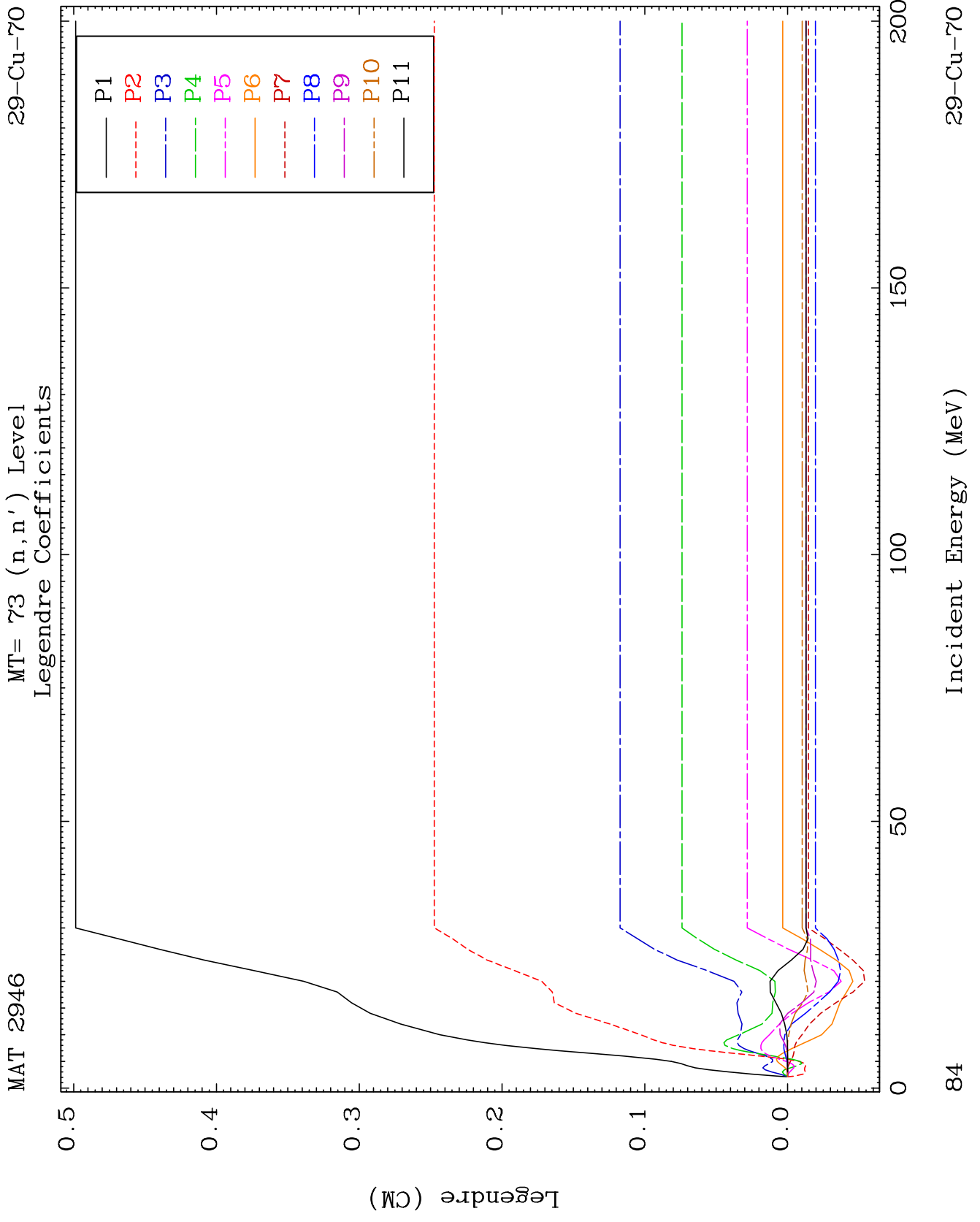
29-Cu-70

MAT 2946

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

29-Cu-70

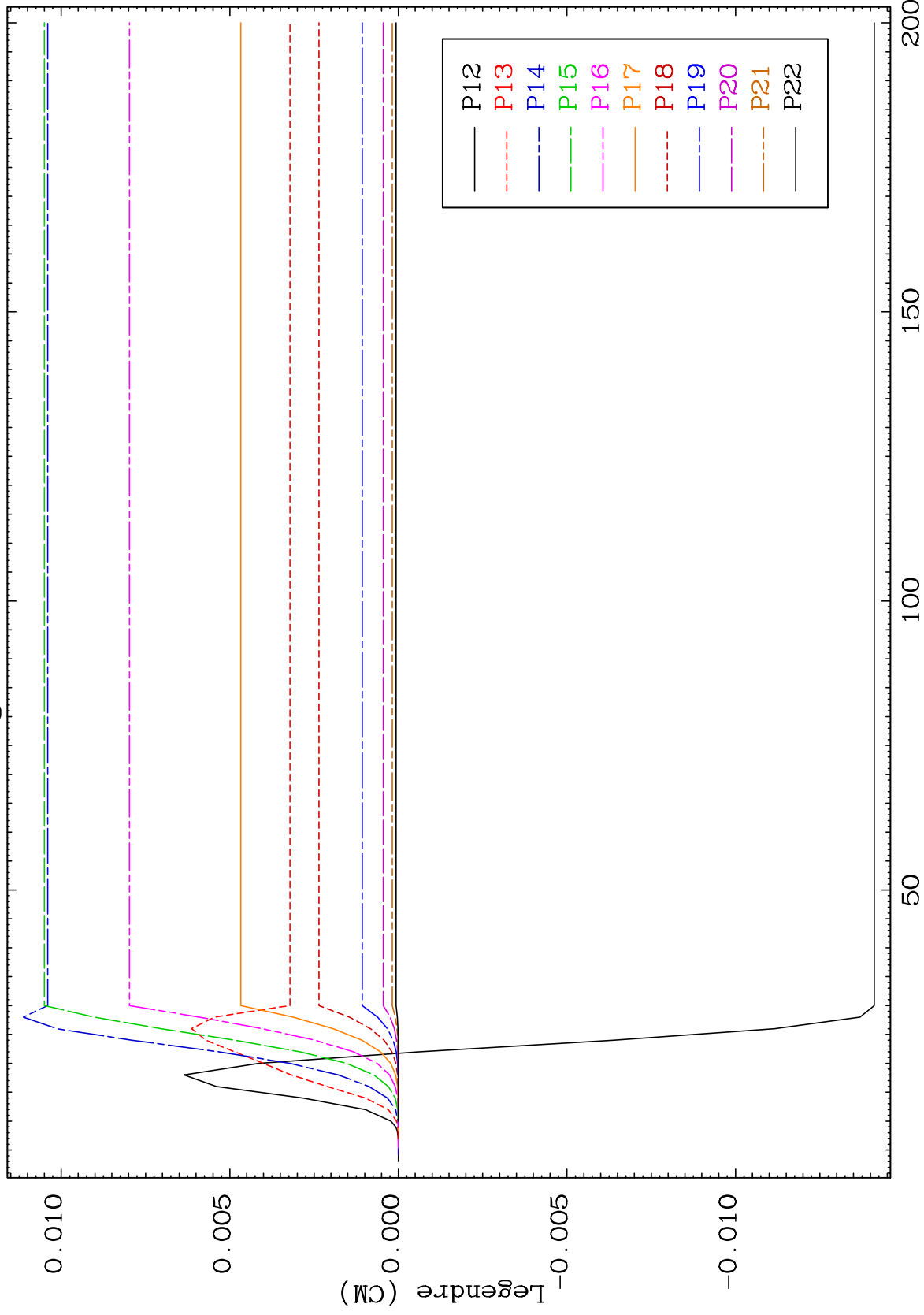




MAT 2946

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

29-Cu-70



85

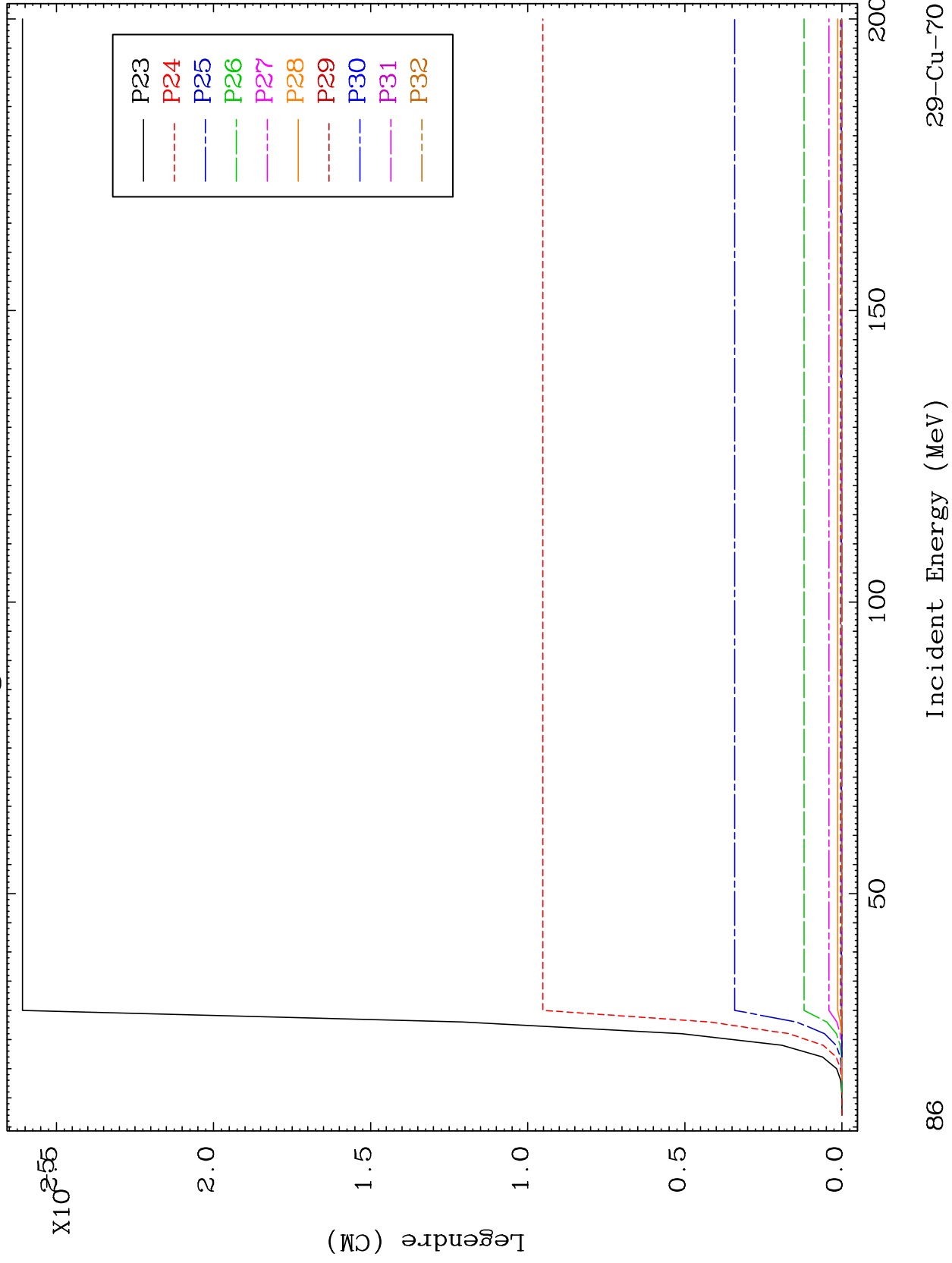
Incident Energy (MeV)

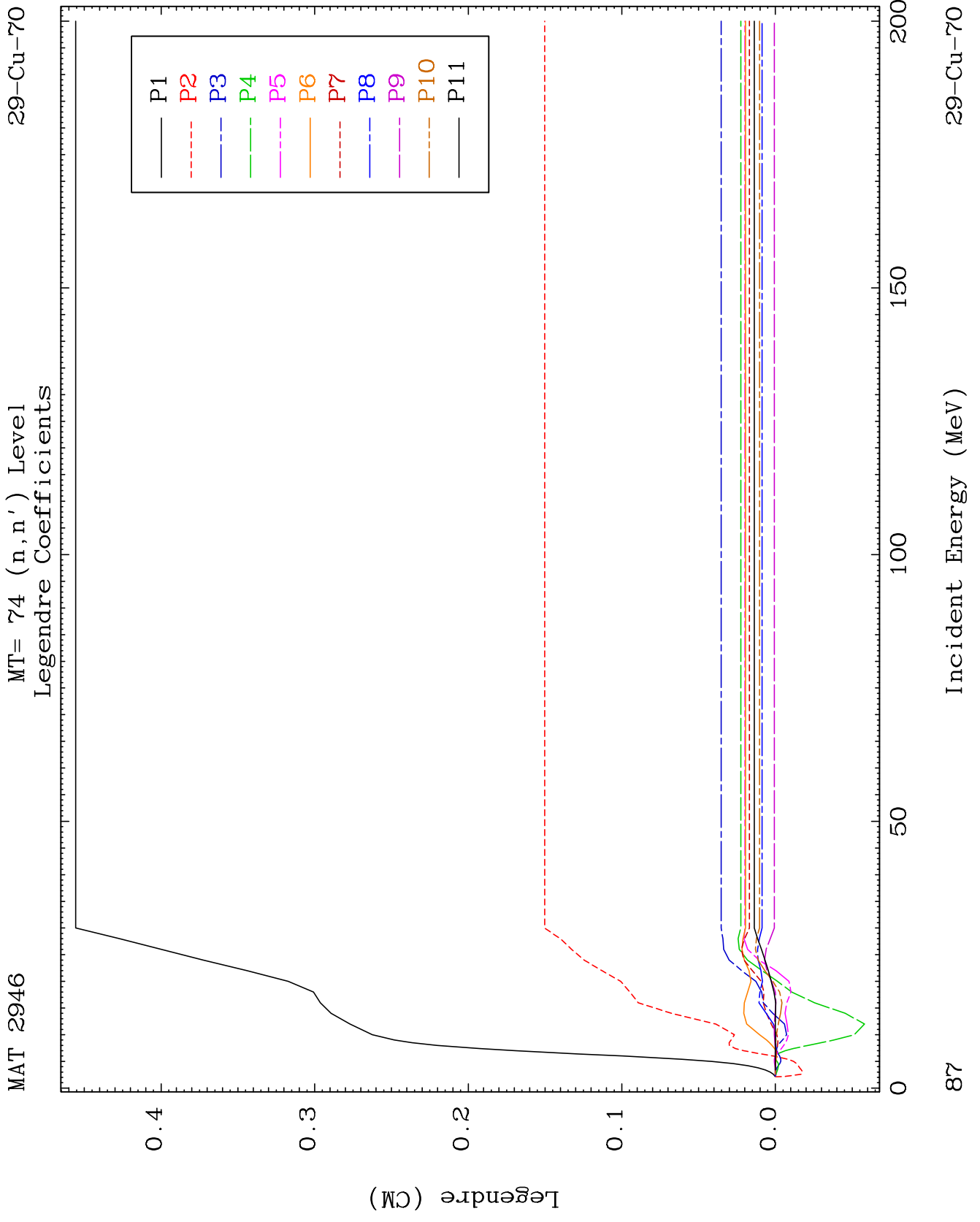
29-Cu-70

MAT 2946

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

29-Cu-70



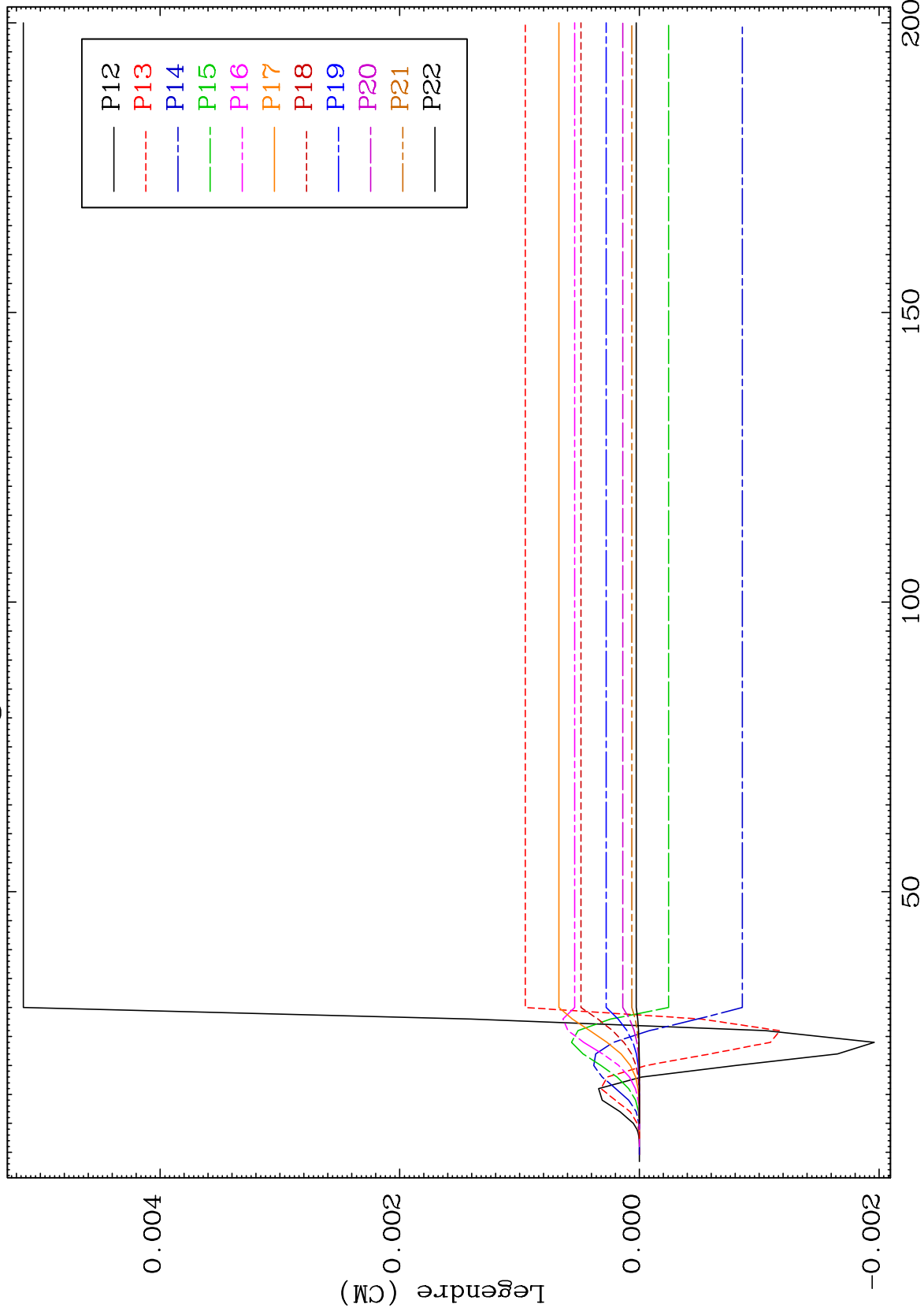




MAT 2946

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

29-Cu-70



88

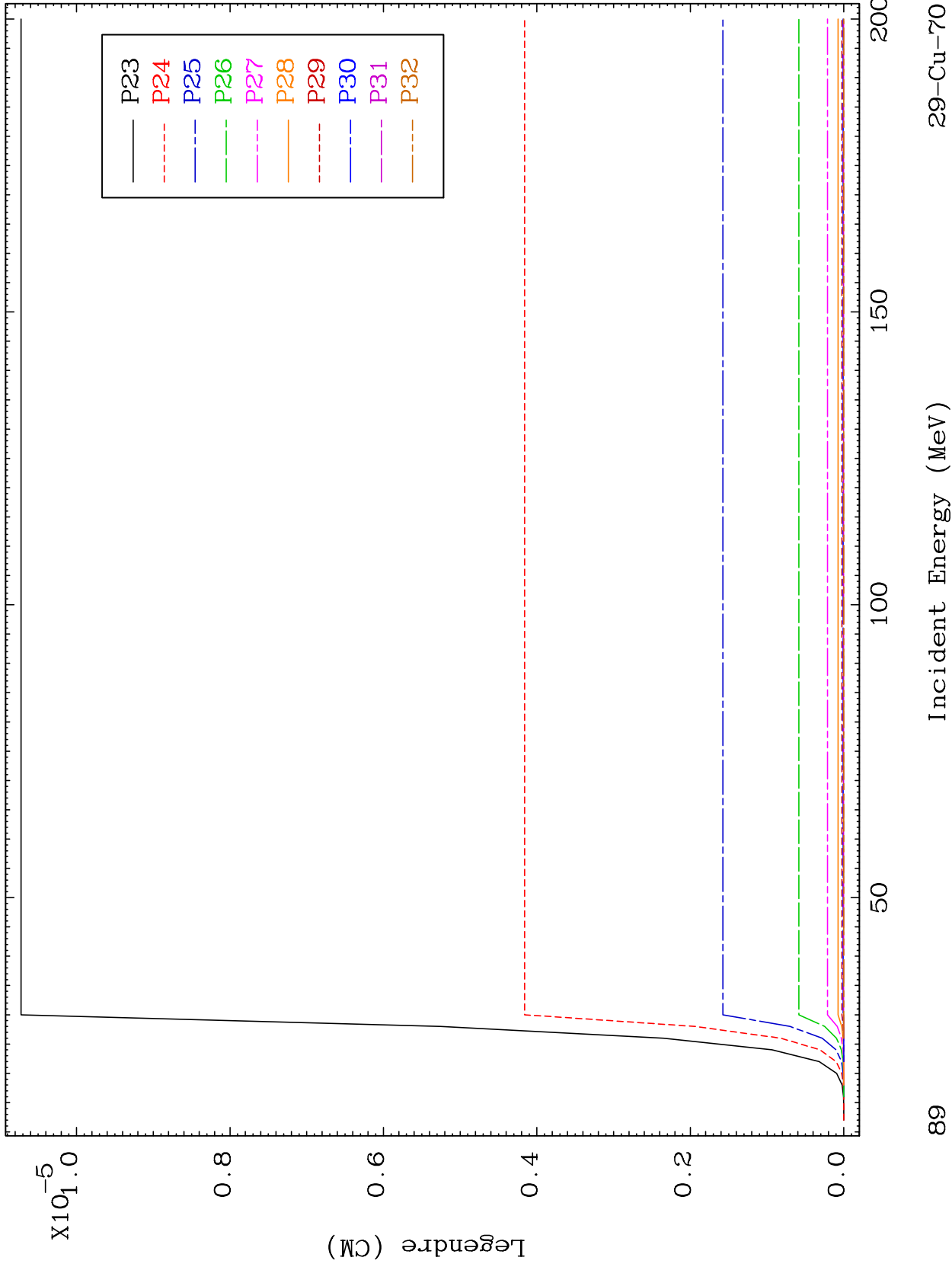
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

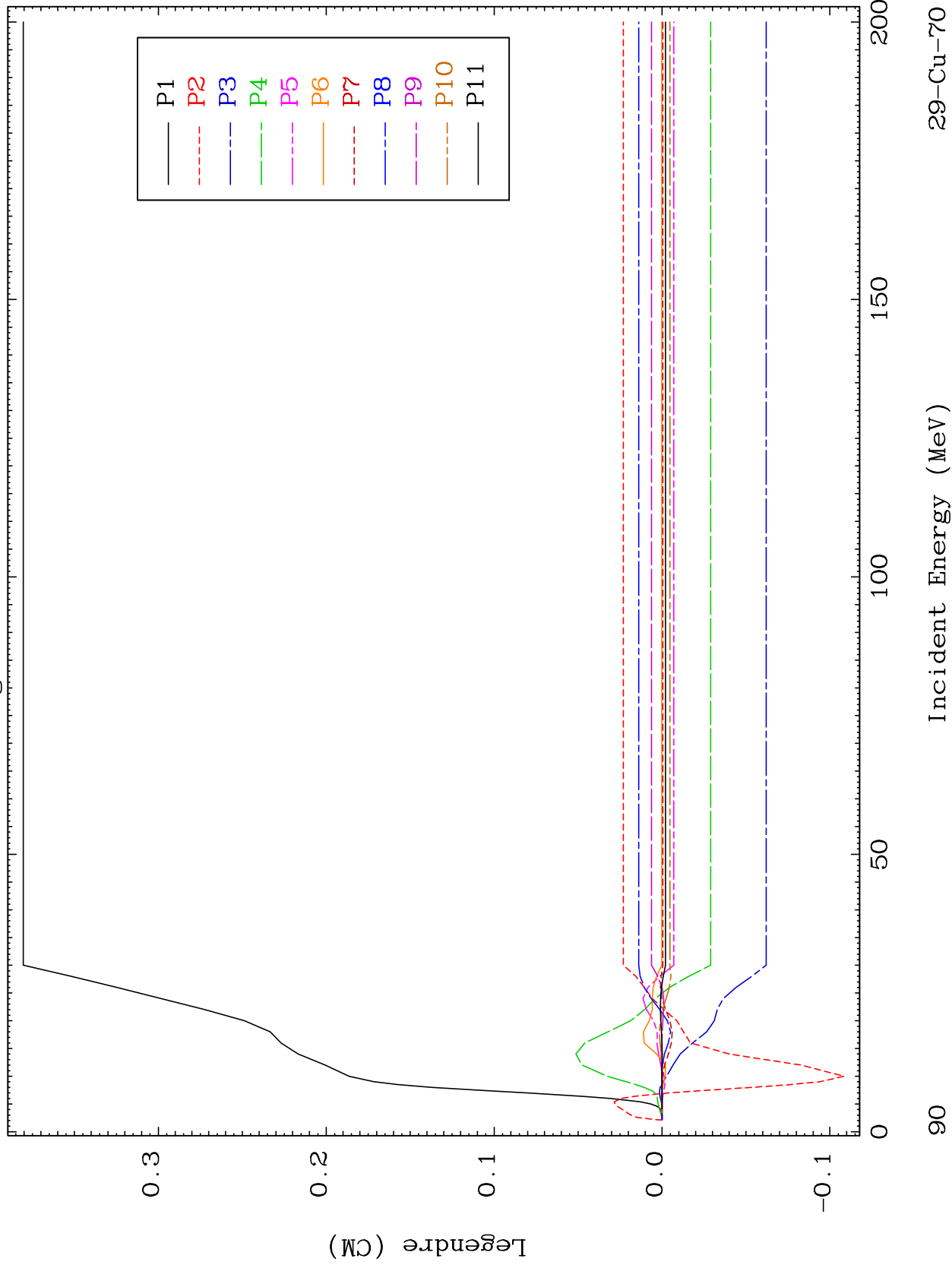
29-Cu-70



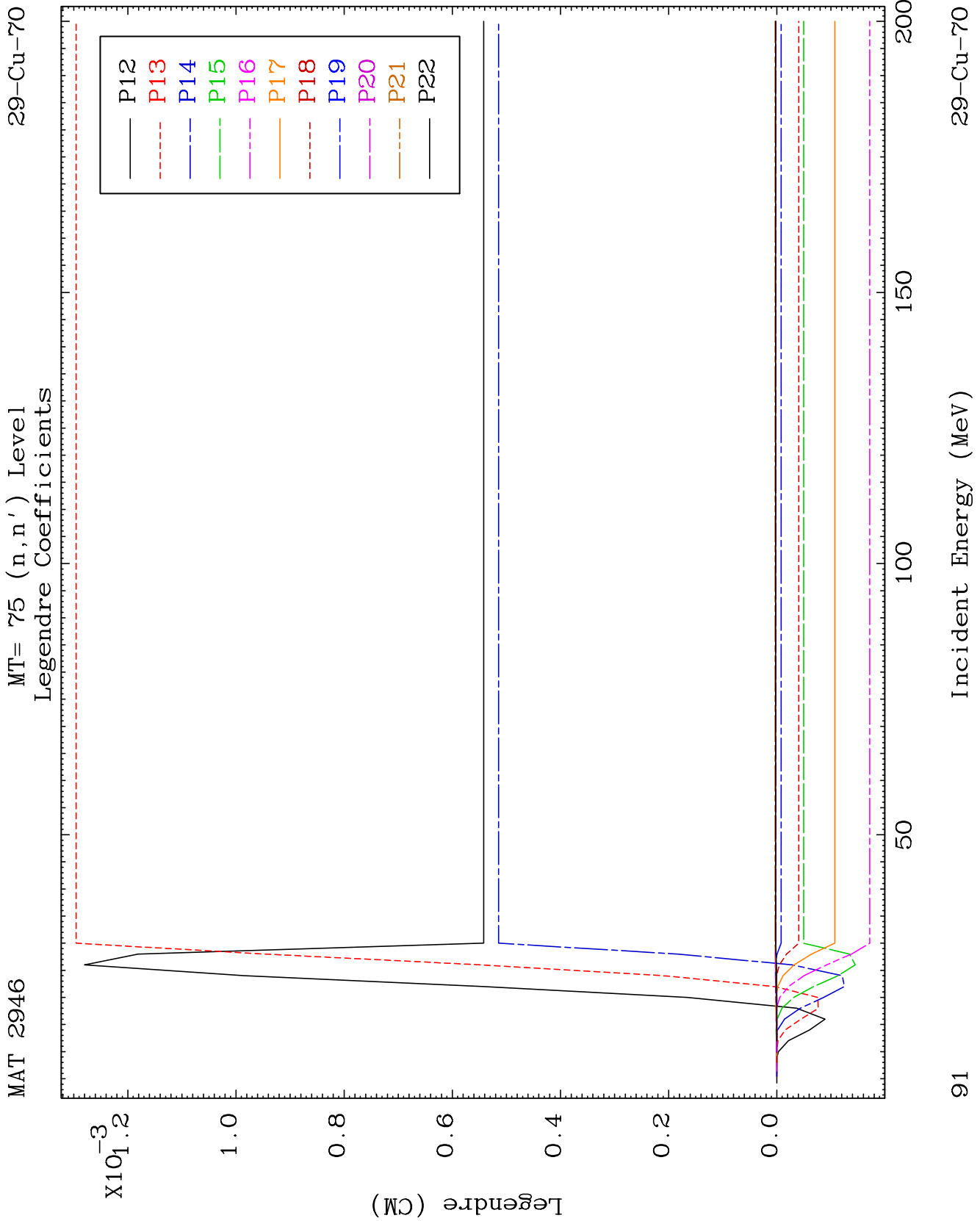
MAT 2946

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

29-Cu-70



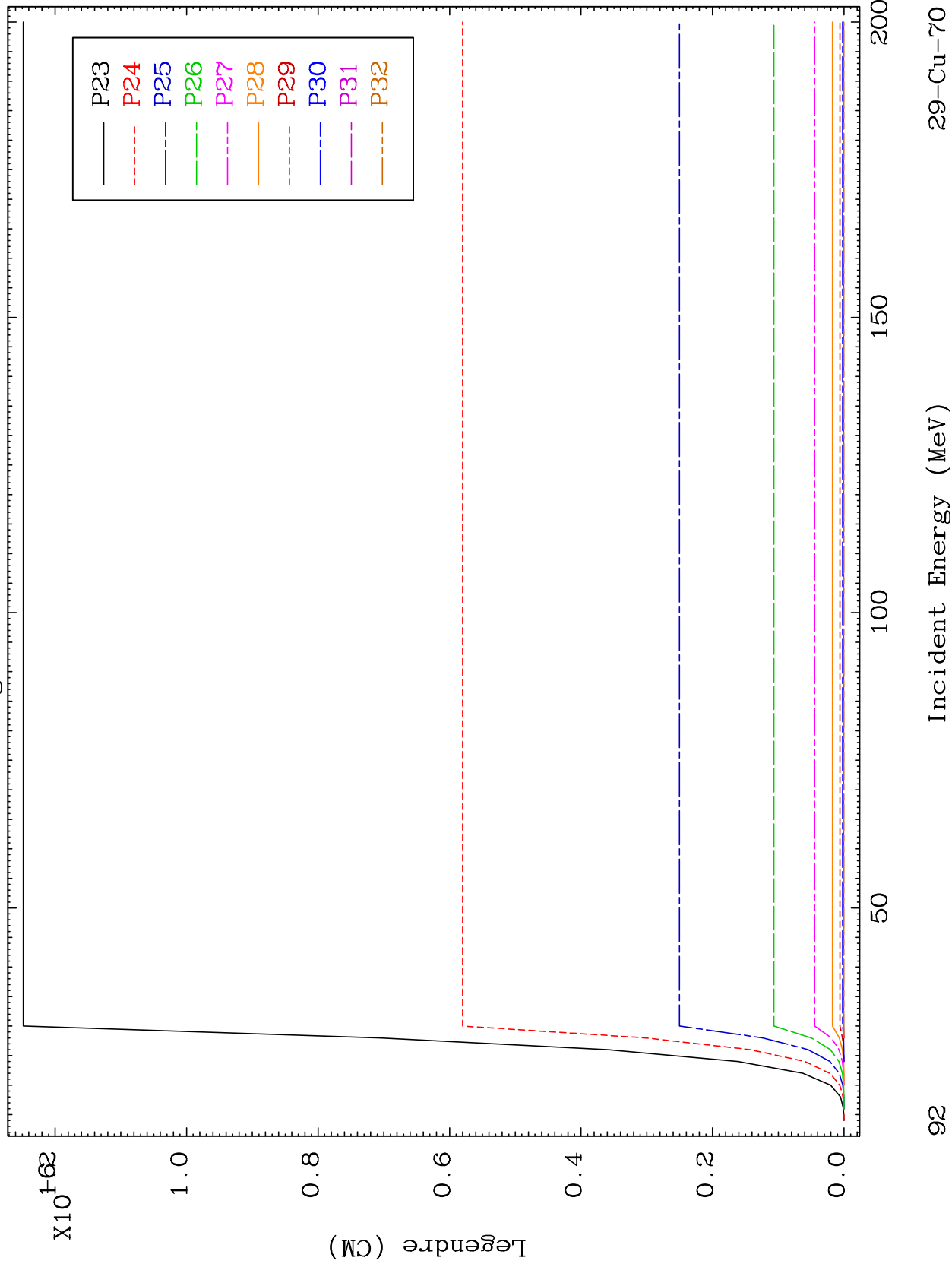
29-Cu-70



MAT 2946

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

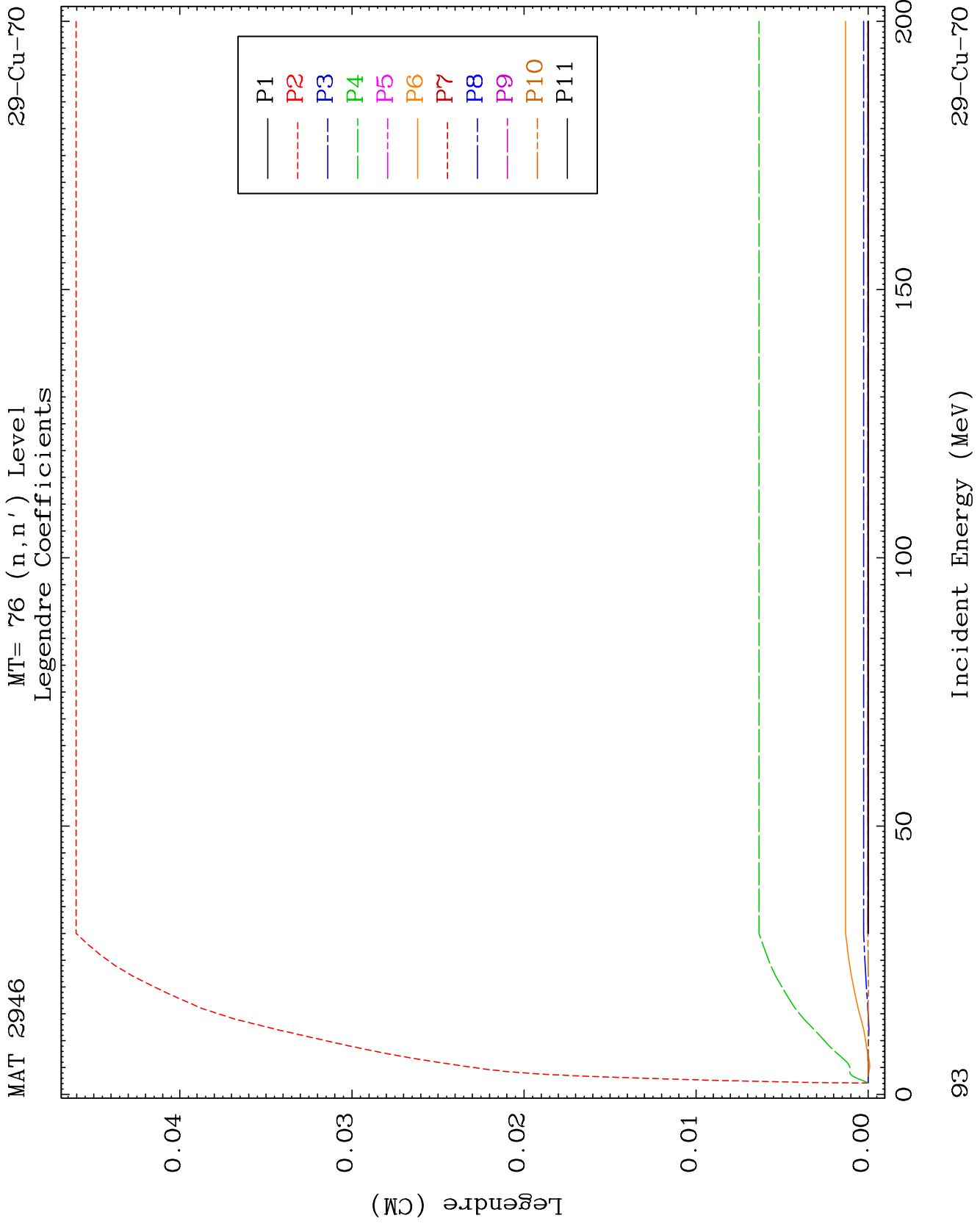
29-Cu-70

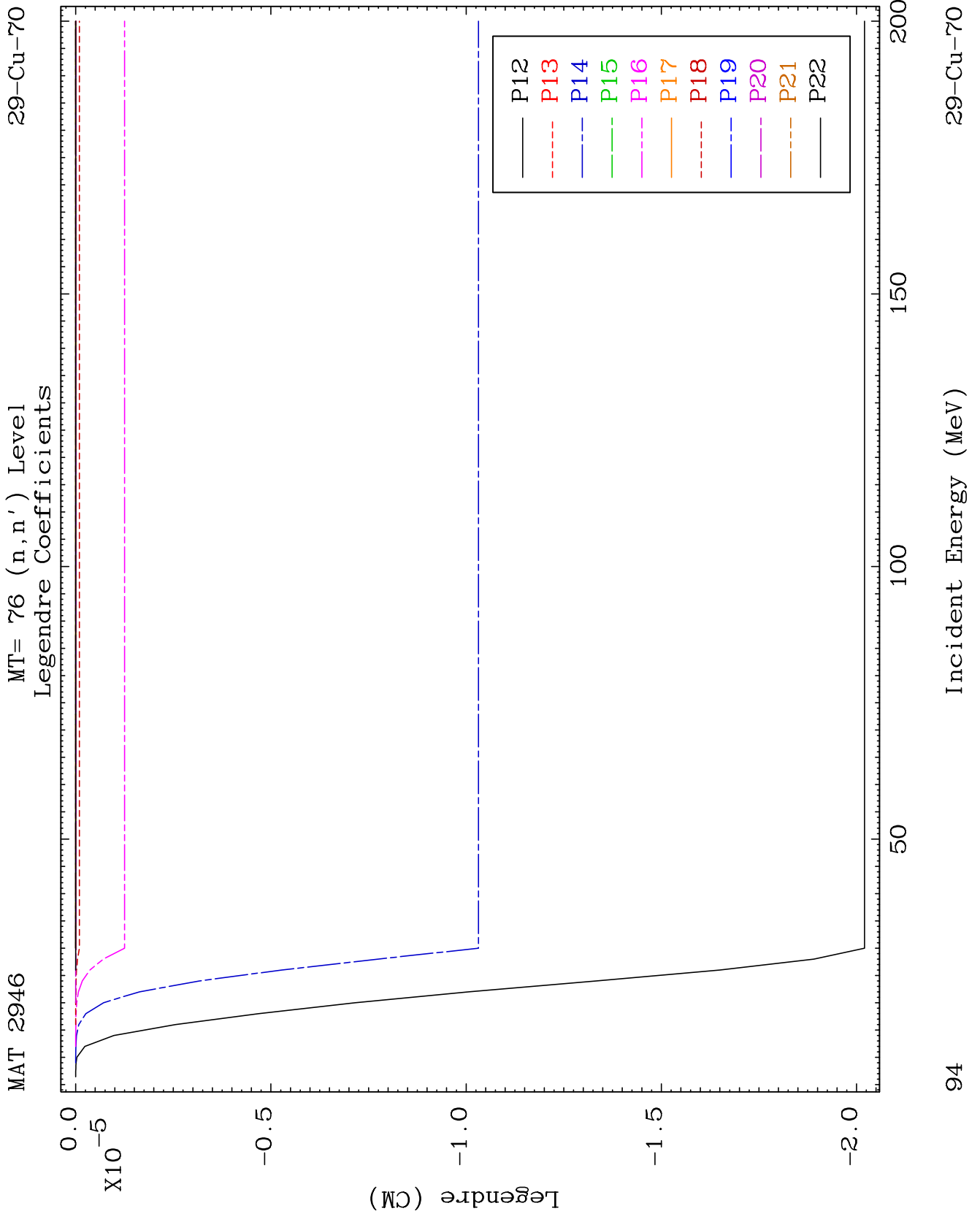


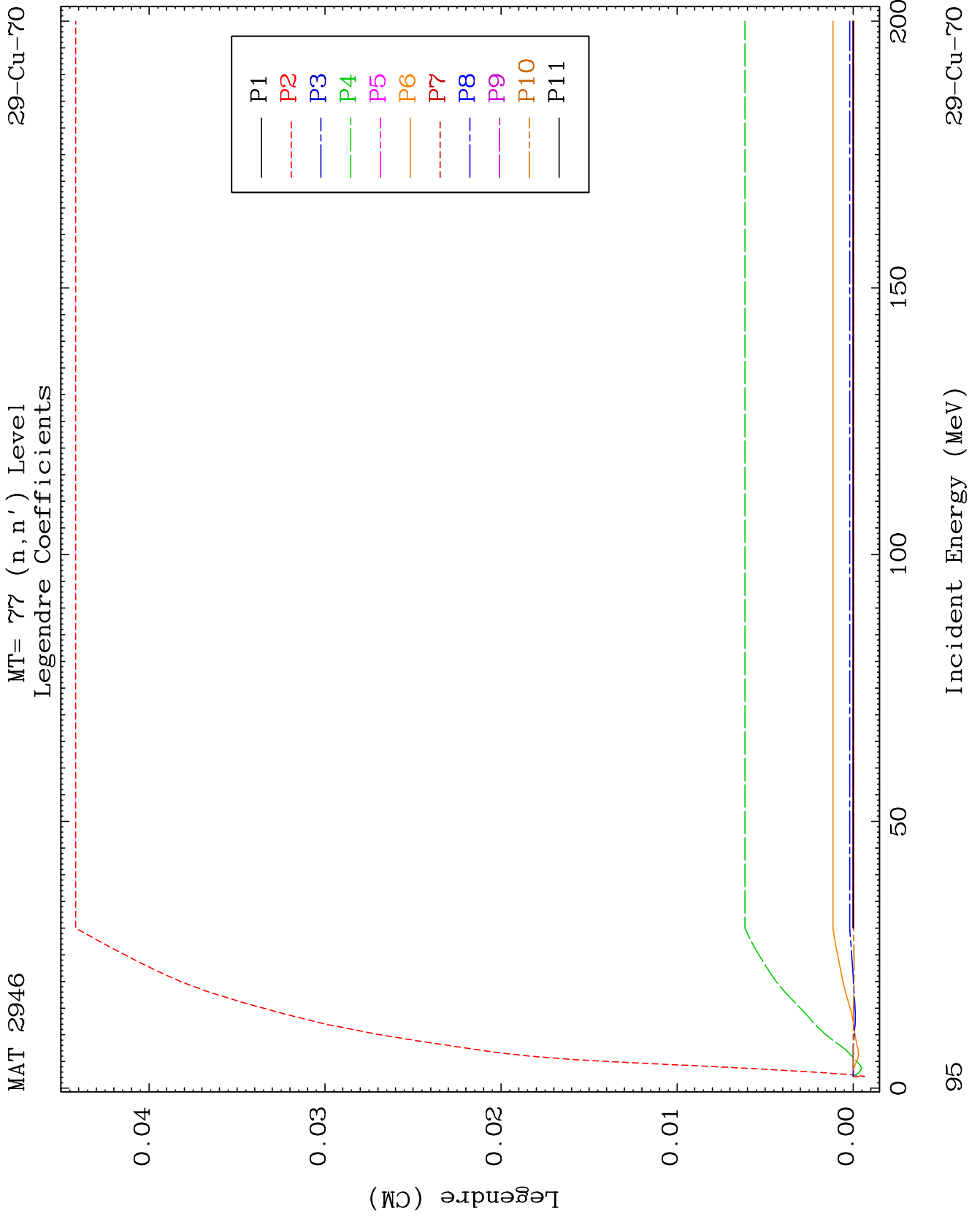
92

Incident Energy (MeV)

29-Cu-70





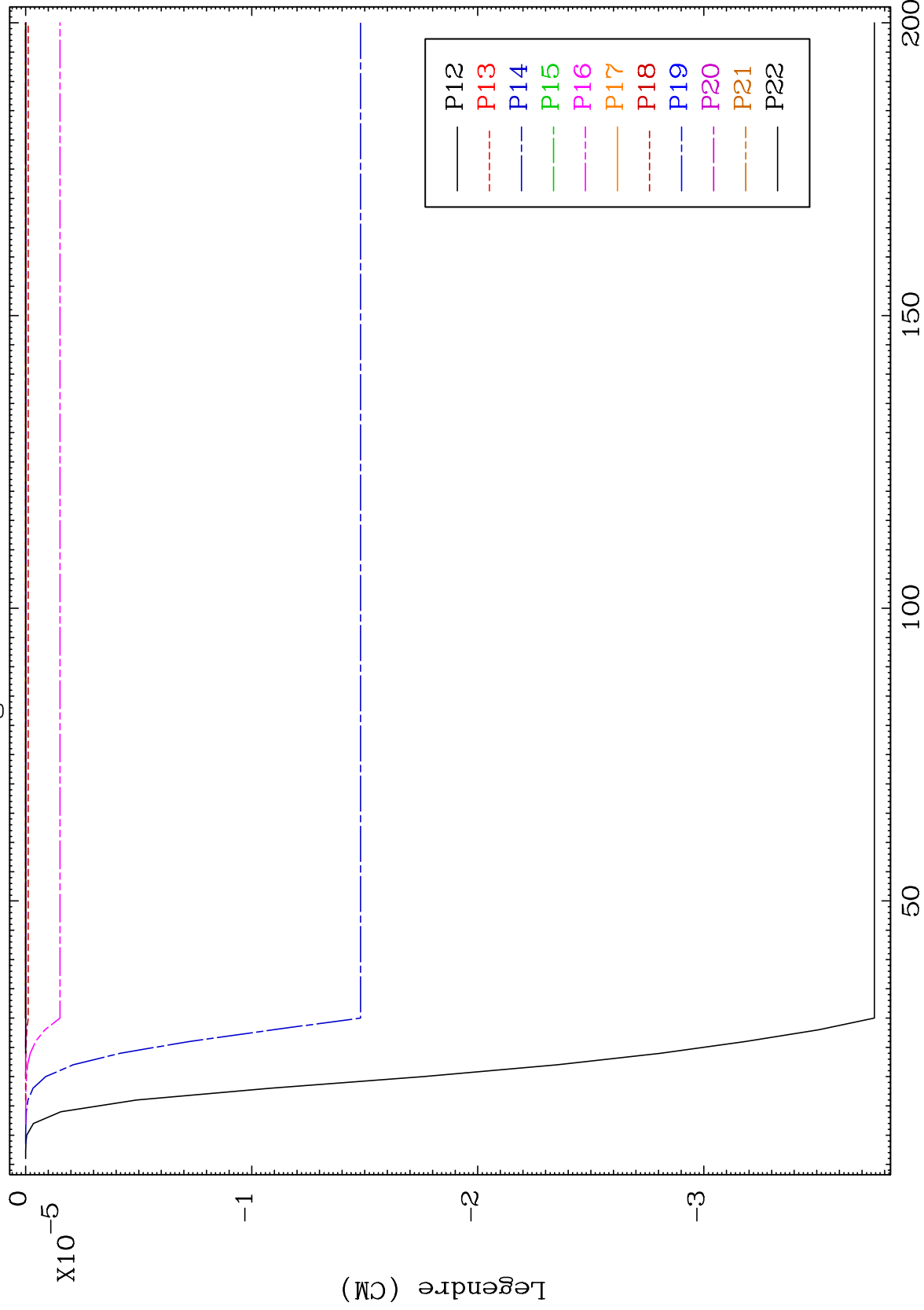




MAT 2946

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

29-Cu-70



96

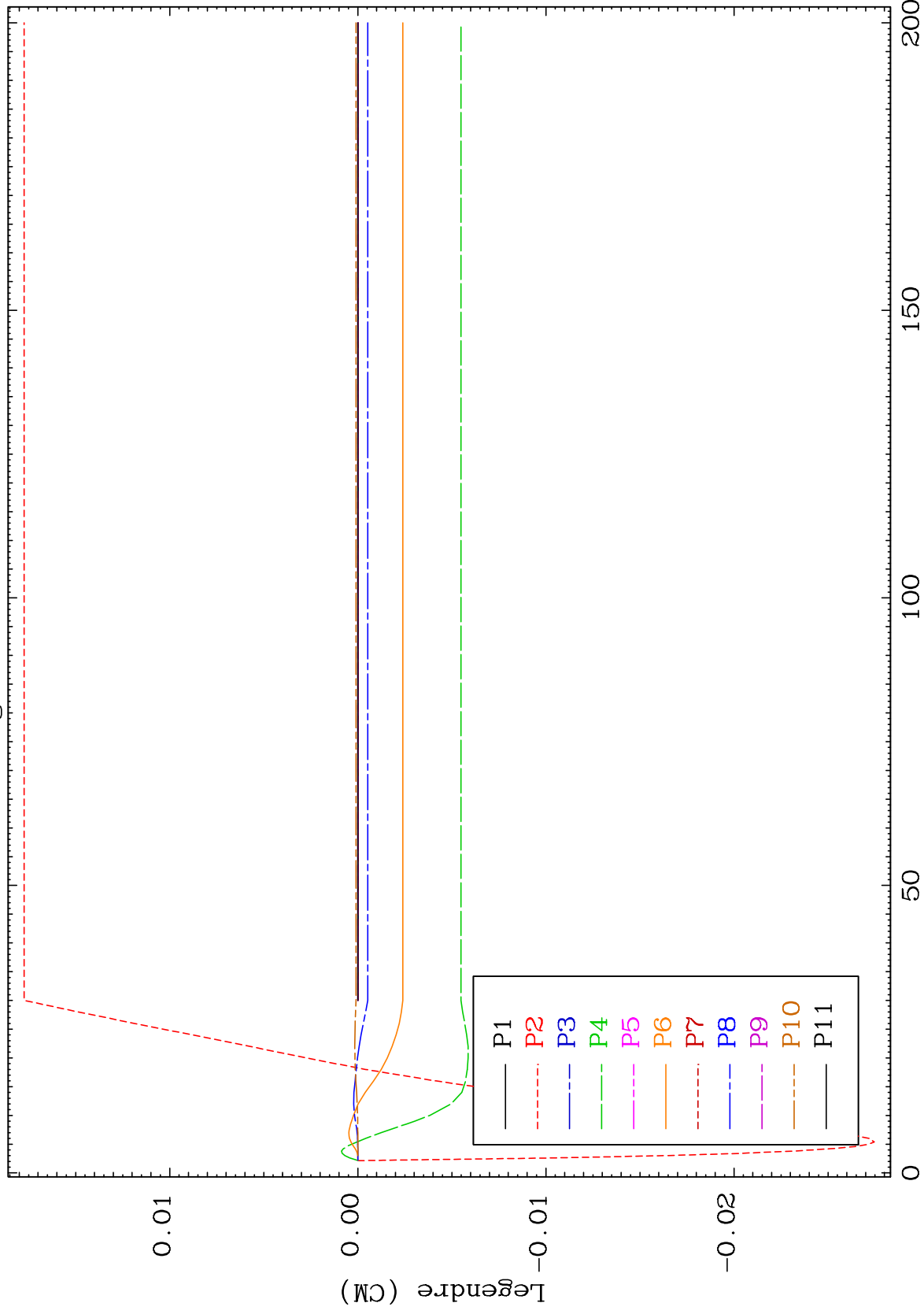
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

29-Cu-70



97

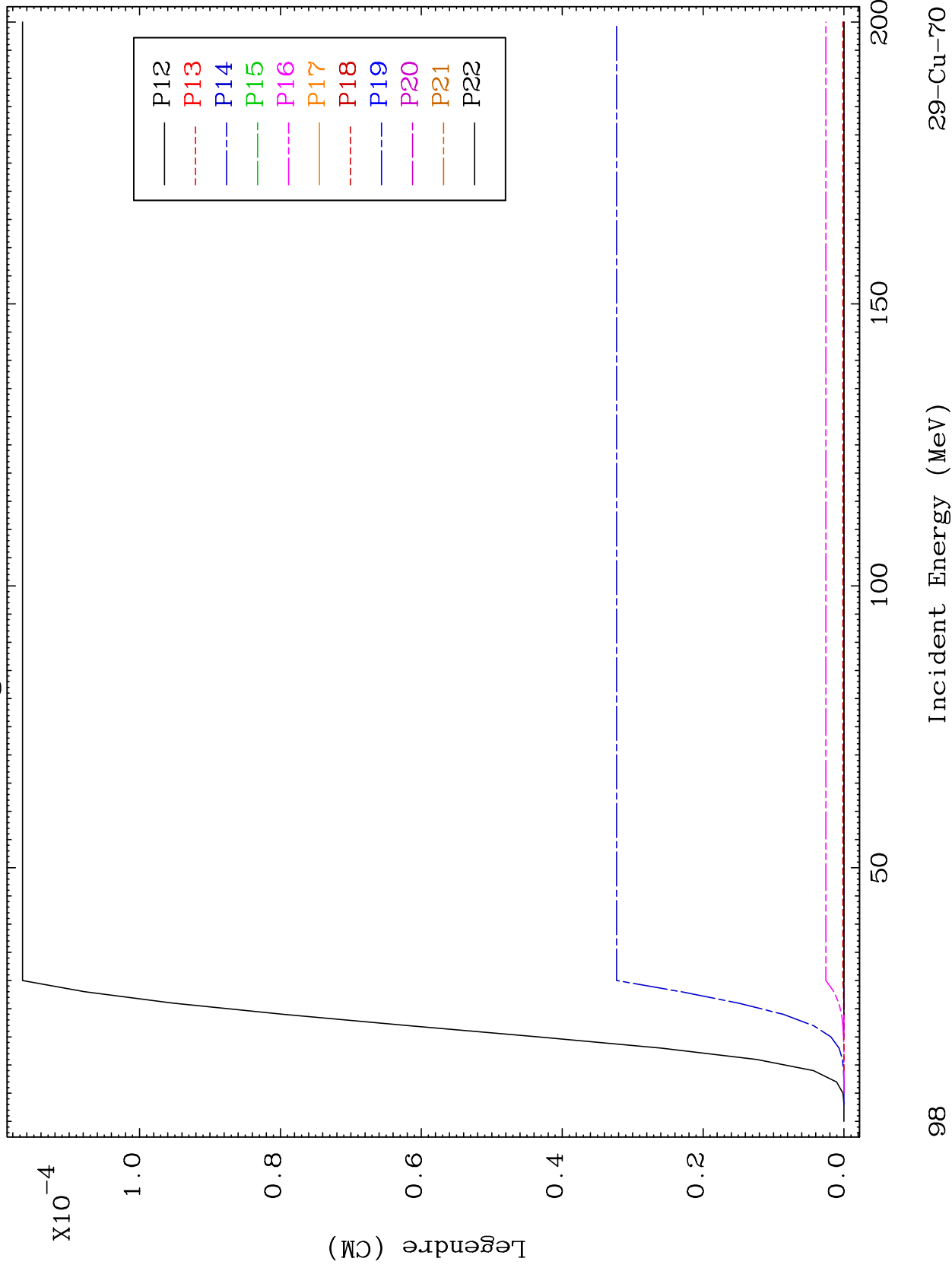
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

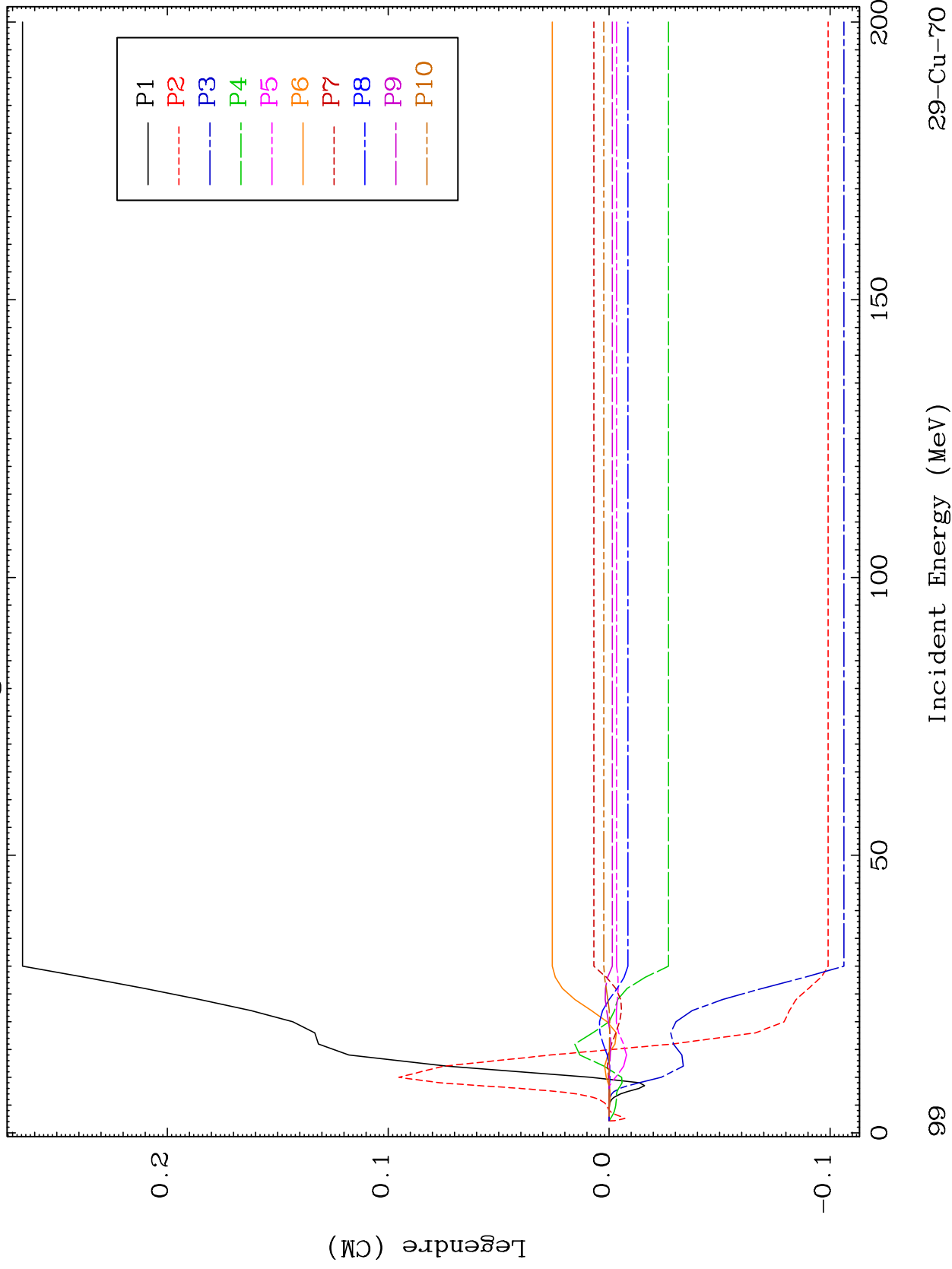
29-Cu-70



MAT 2946

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

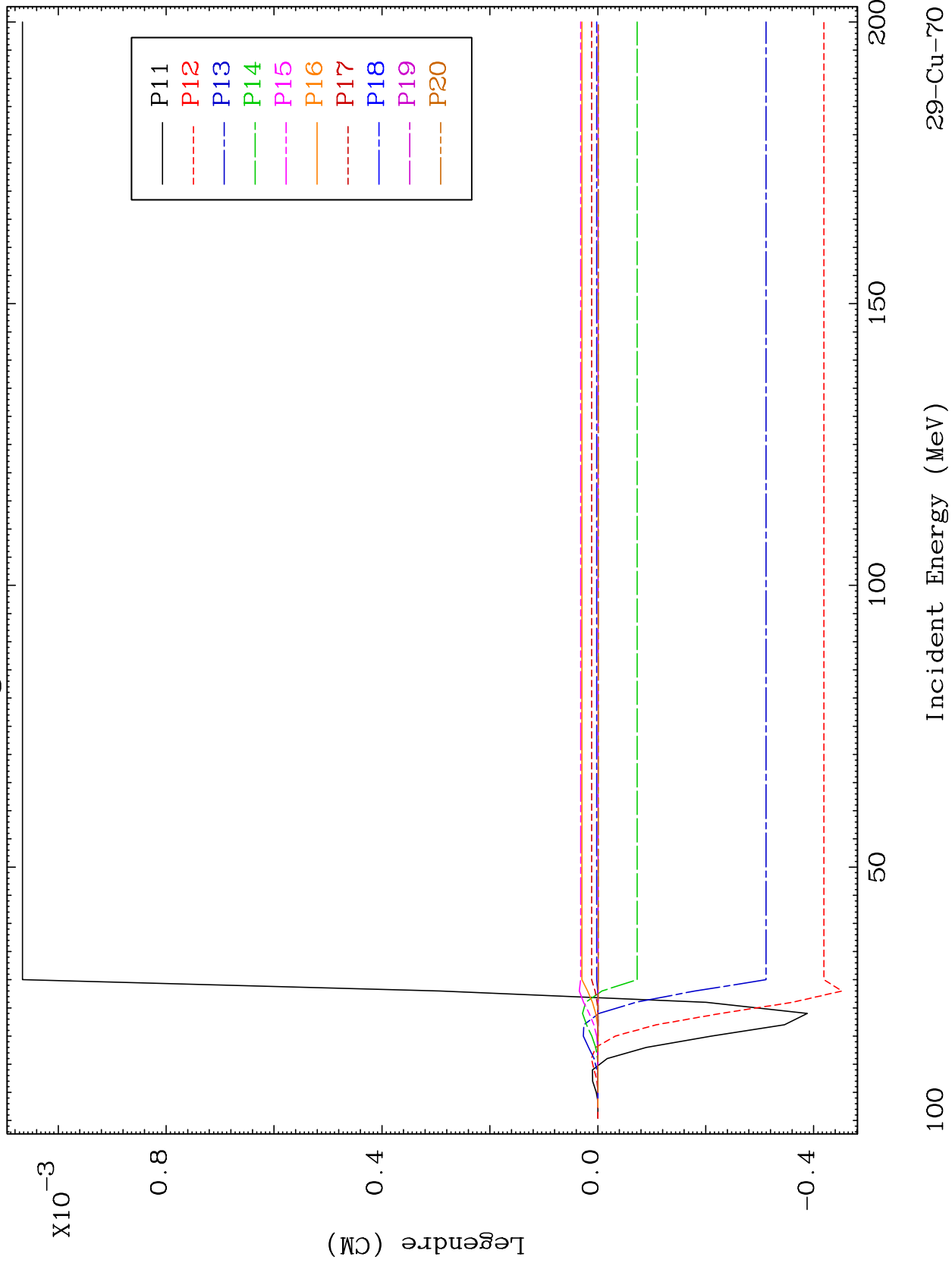
29-Cu-70

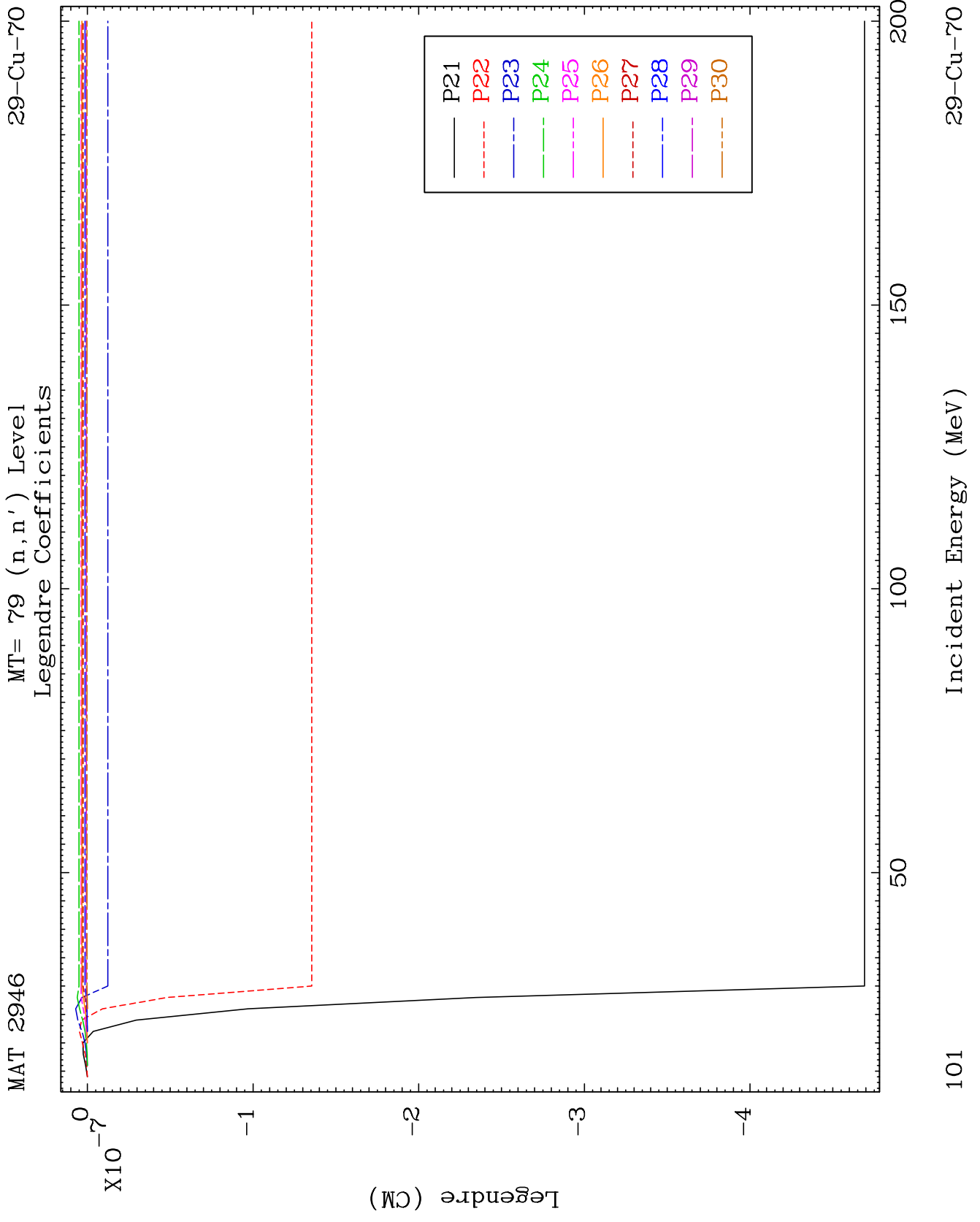


MAT 2946

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

29-Cu-70

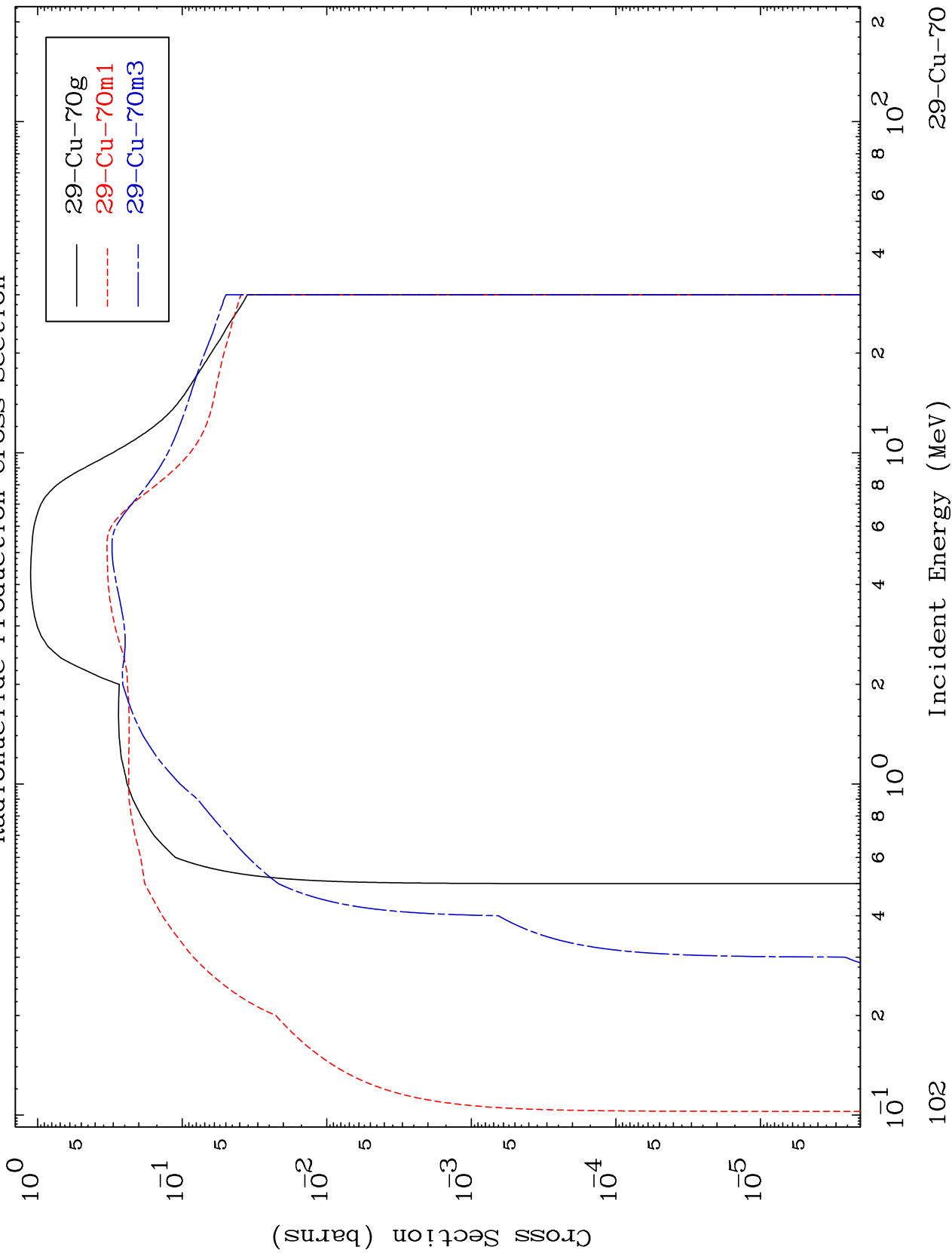




MAT 2946

29-Cu-70

Radionuclide Production Cross Section



29-Cu-70

Incident Energy (MeV)

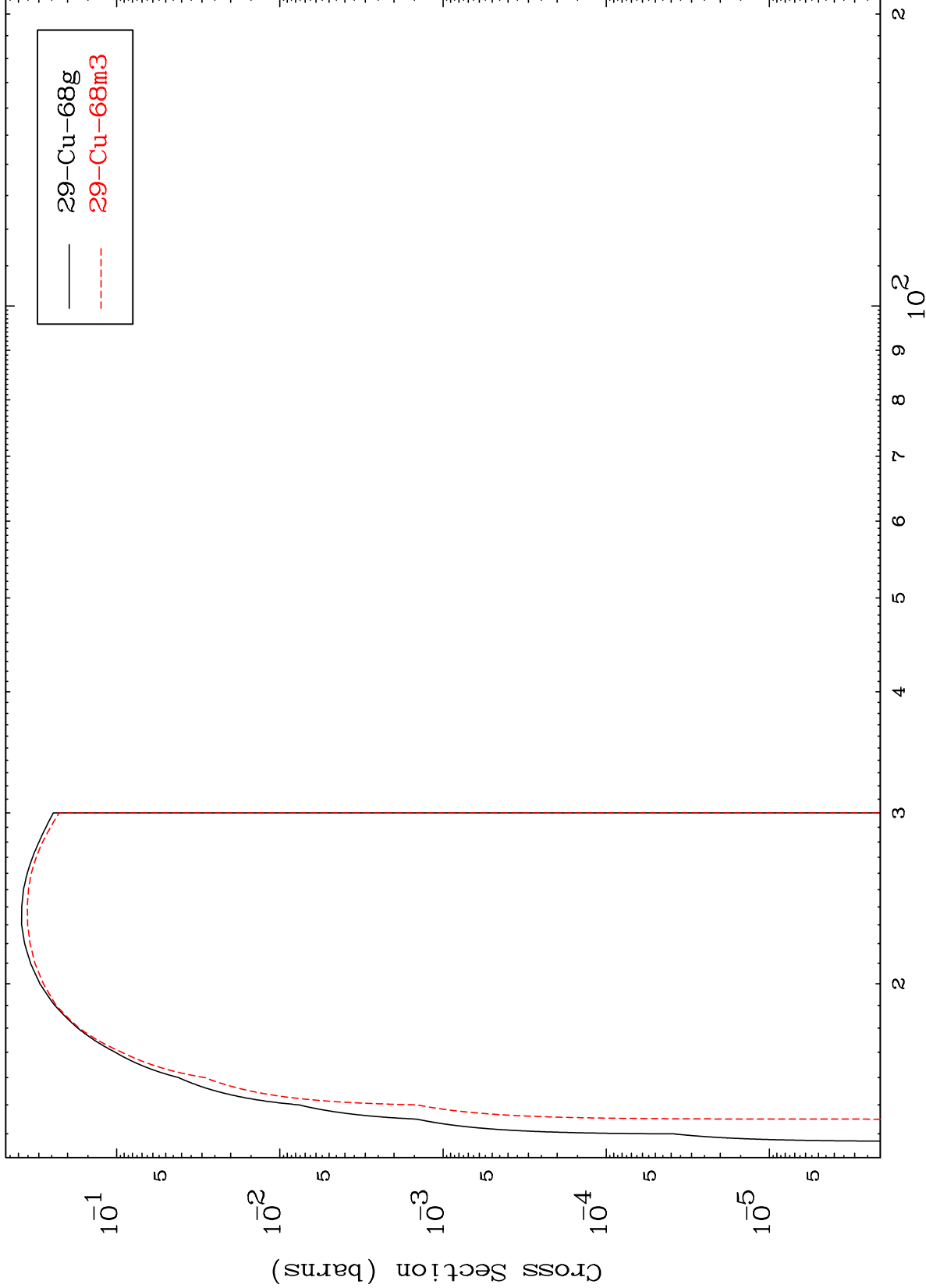
102

MAT 2946

(n,3n)

<sup>29</sup>Cu-70

Radionuclide Production Cross Section



— 29-Cu-68g  
- - - 29-Cu-68m3

103

Incident Energy (MeV)

<sup>29</sup>Cu-70

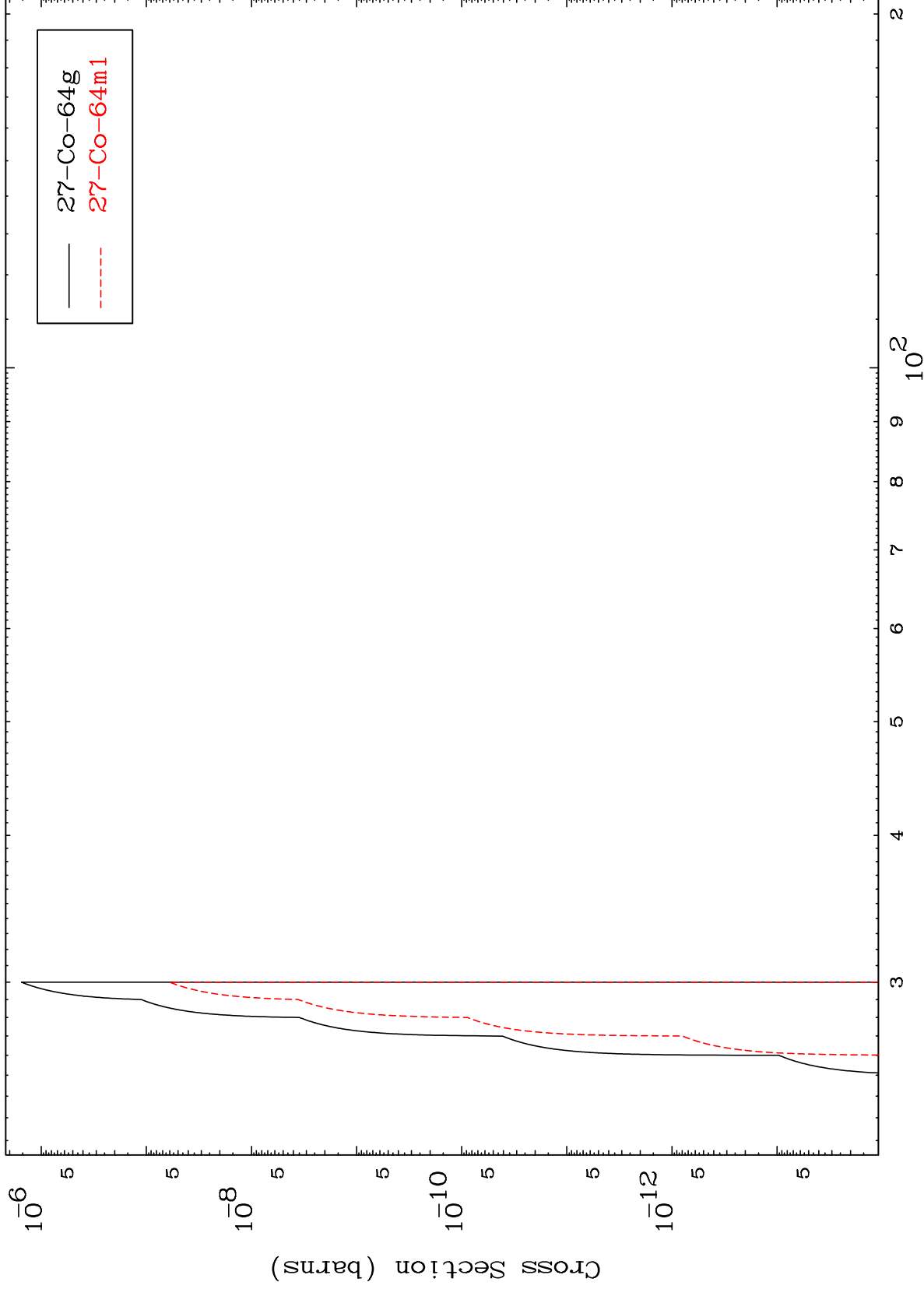


MAT 2946

$(n,3n) \alpha$

$^{29}\text{Cu-70}$

Radionuclide Production Cross Section



104

Incident Energy (MeV)

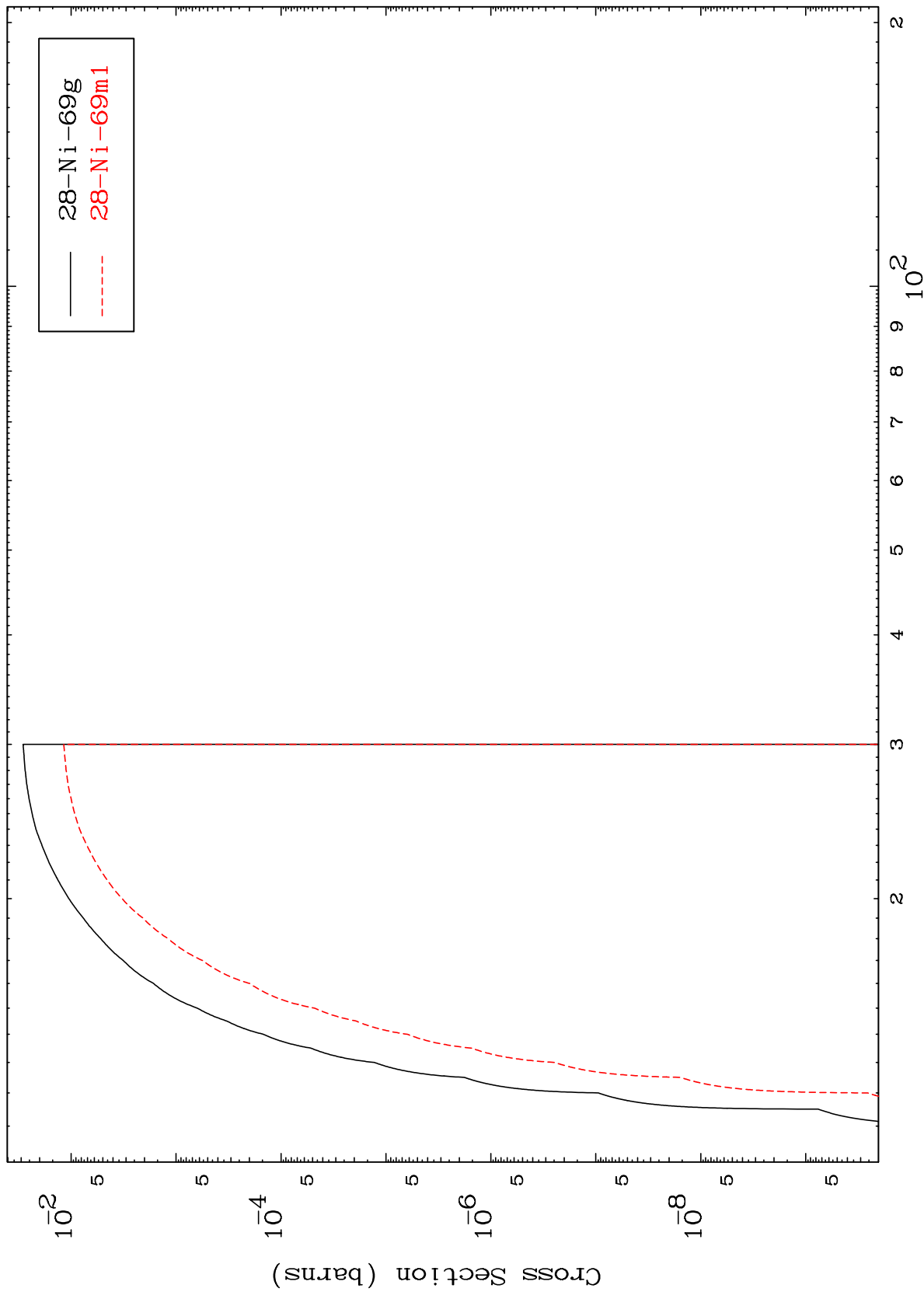
$^{29}\text{Cu-70}$

MAT 2946

(n,n') p

29-Cu-70

Radionuclide Production Cross Section



105

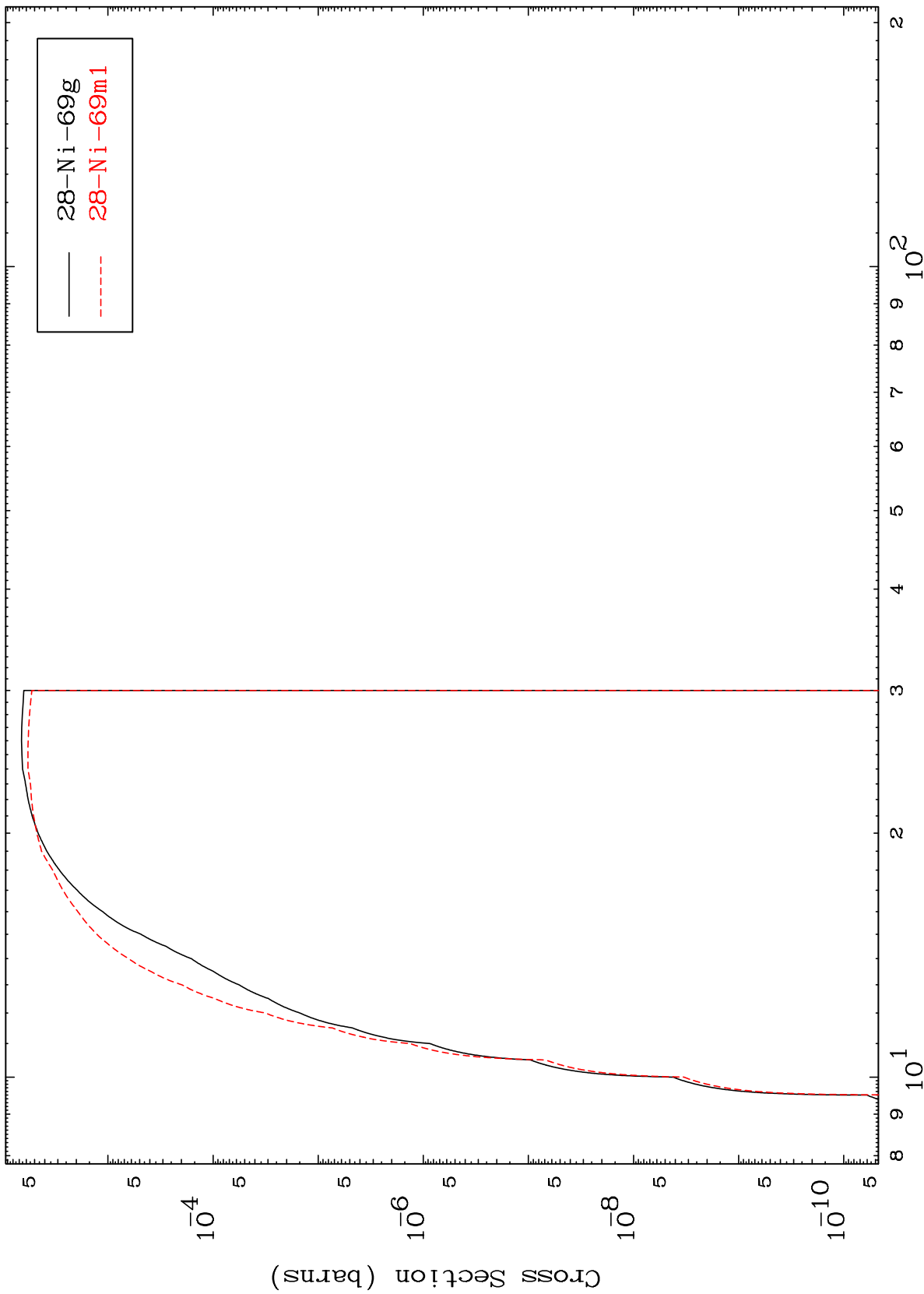
Incident Energy (MeV)

29-Cu-70

MAT 2946

29-Cu-70

(n,d)  
Radionuclide Production Cross Section



106

Incident Energy (MeV)

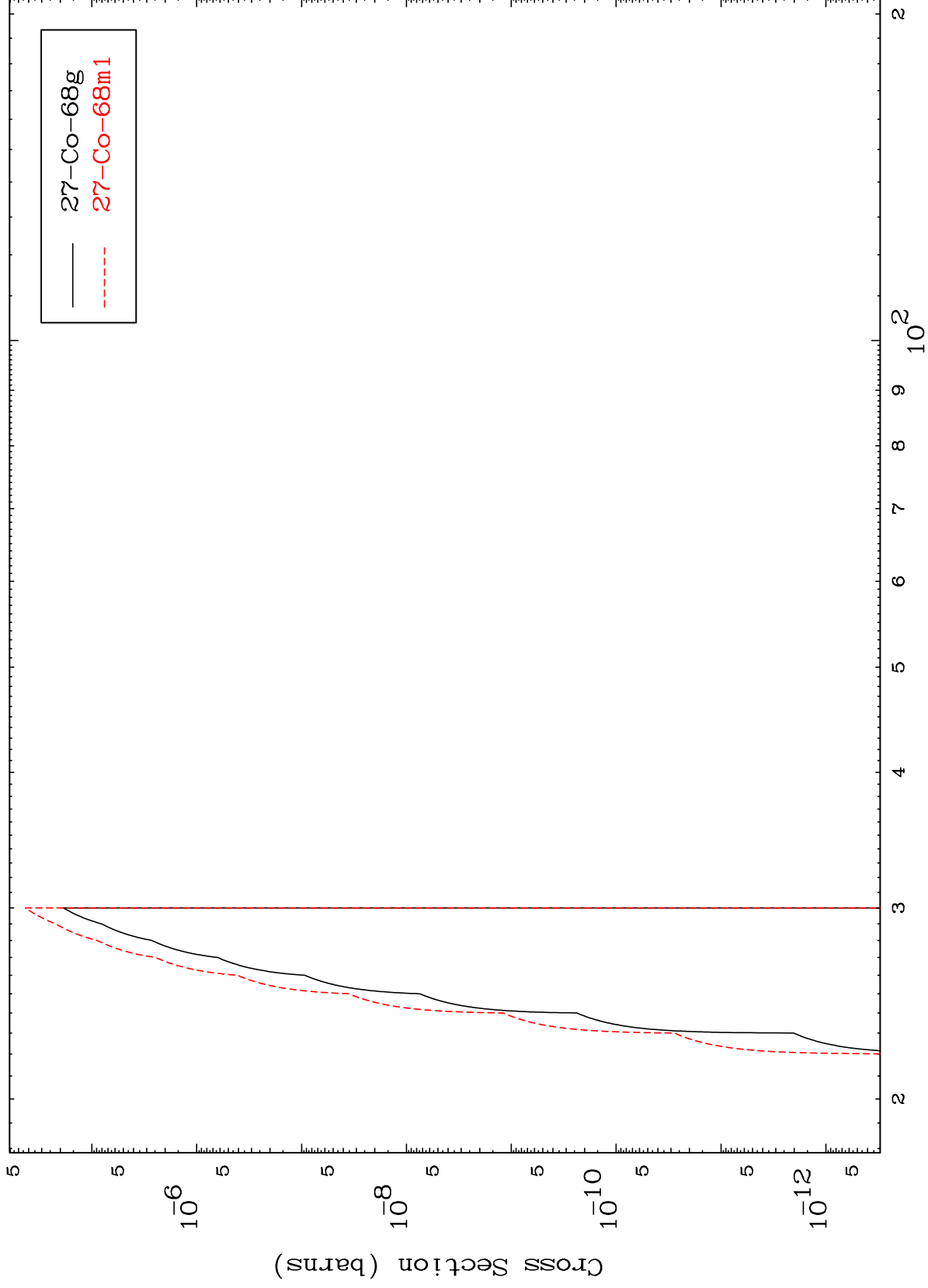
29-Cu-70

MAT 2946

(n,He-3)

29-Cu-70

Radionuclide Production Cross Section



107

Incident Energy (MeV)

29-Cu-70