

Program EVALPLOT  
(Version 2018-1)

by

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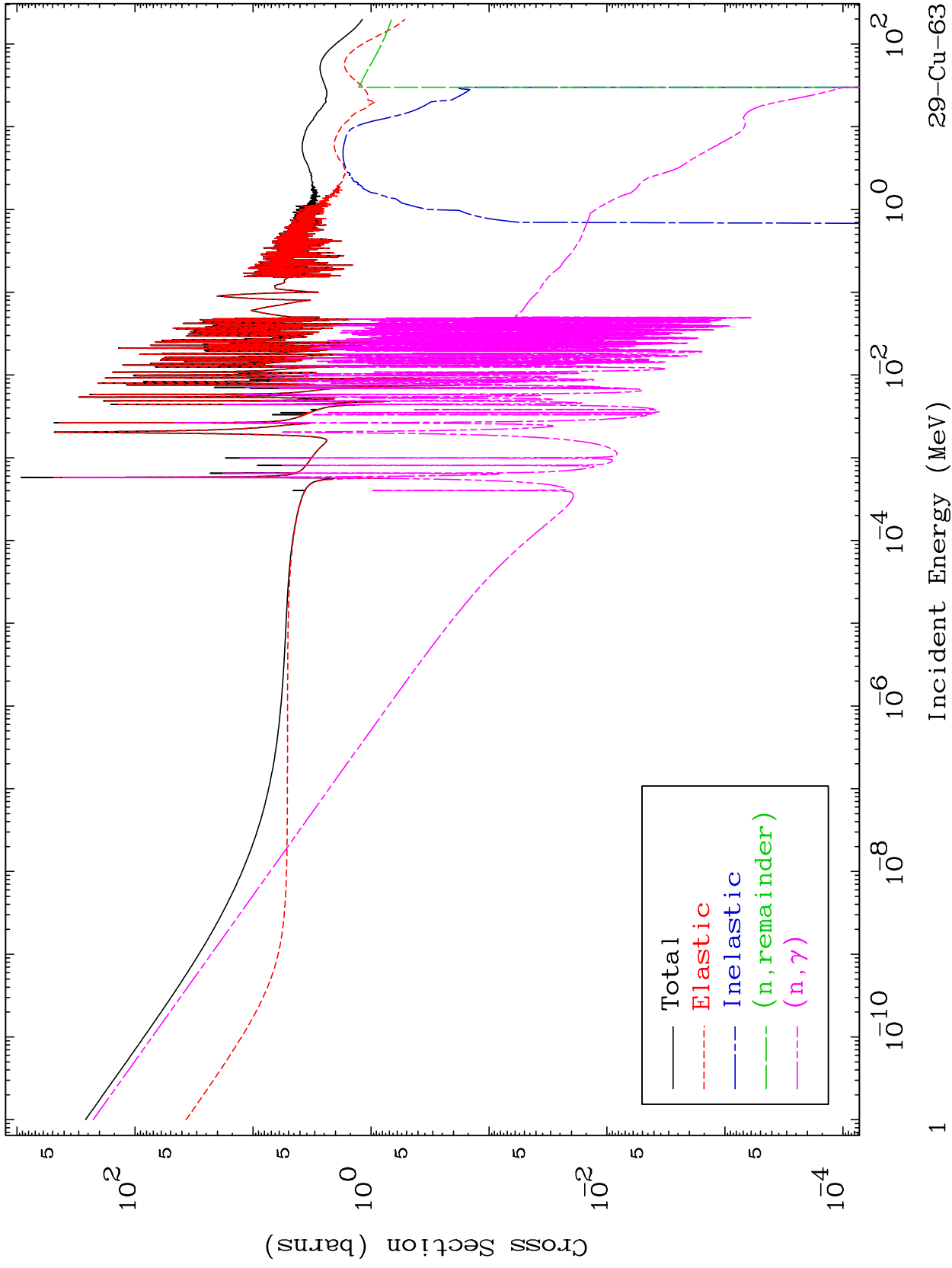
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2925

Major  
293 Kelvin Cross Sections

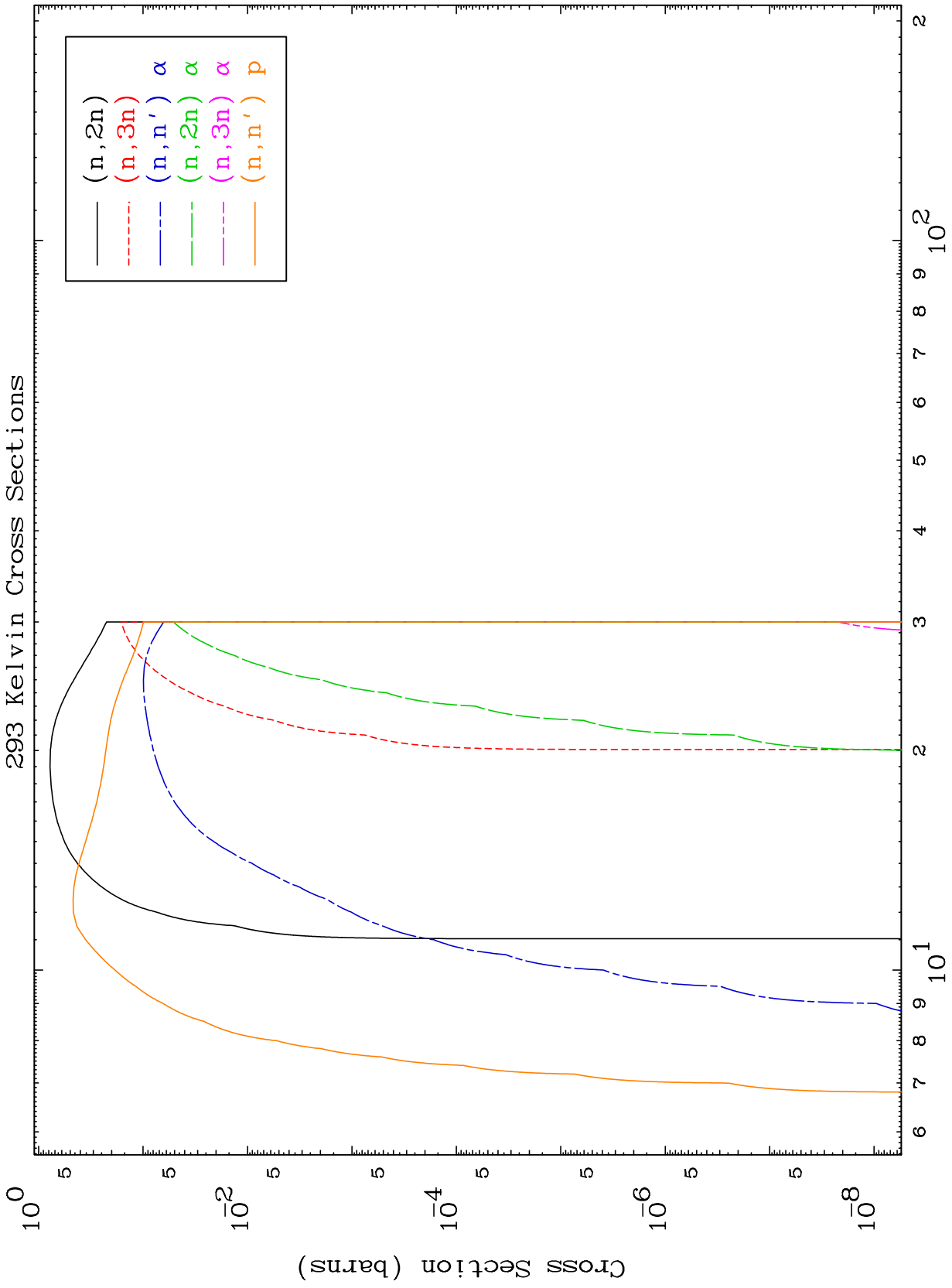
29-Cu-63



MAT 2925

Neutron Production  
293 Kelvin Cross Sections

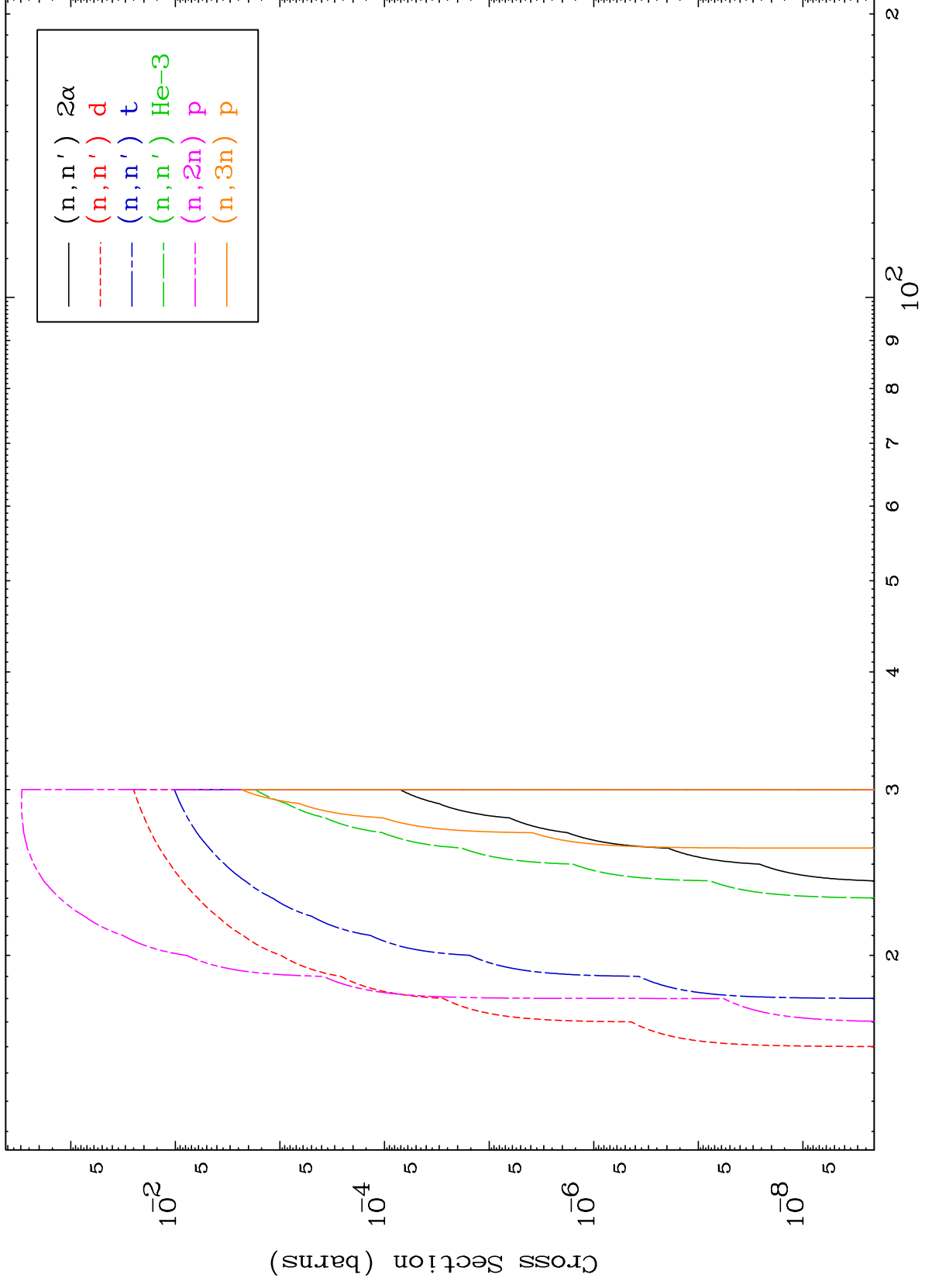
29-Cu-63



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Incident Energy (MeV)

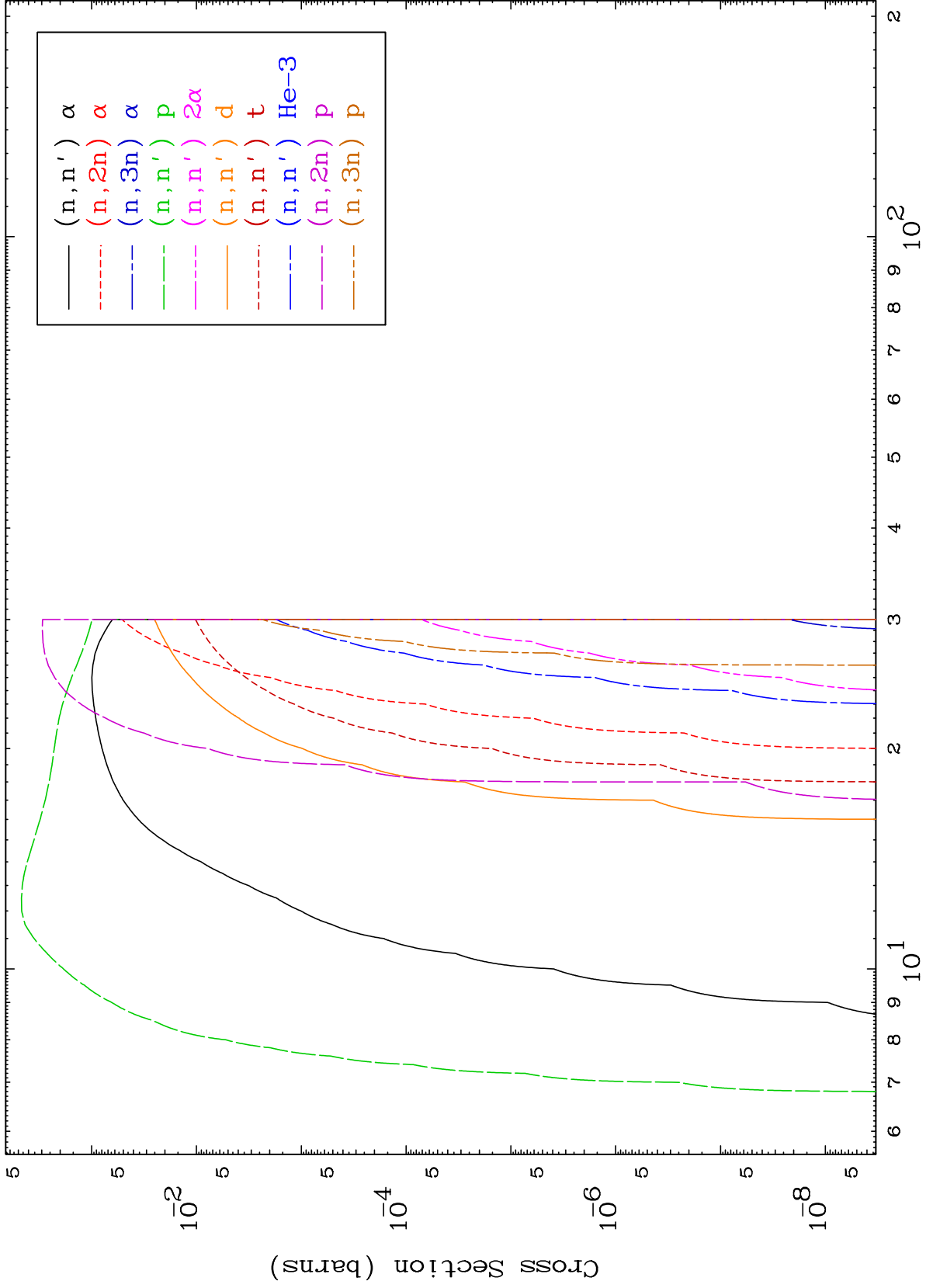
29-Cu-63



MAT 2925

Charged Particle  
293 Kelvin Cross Sections

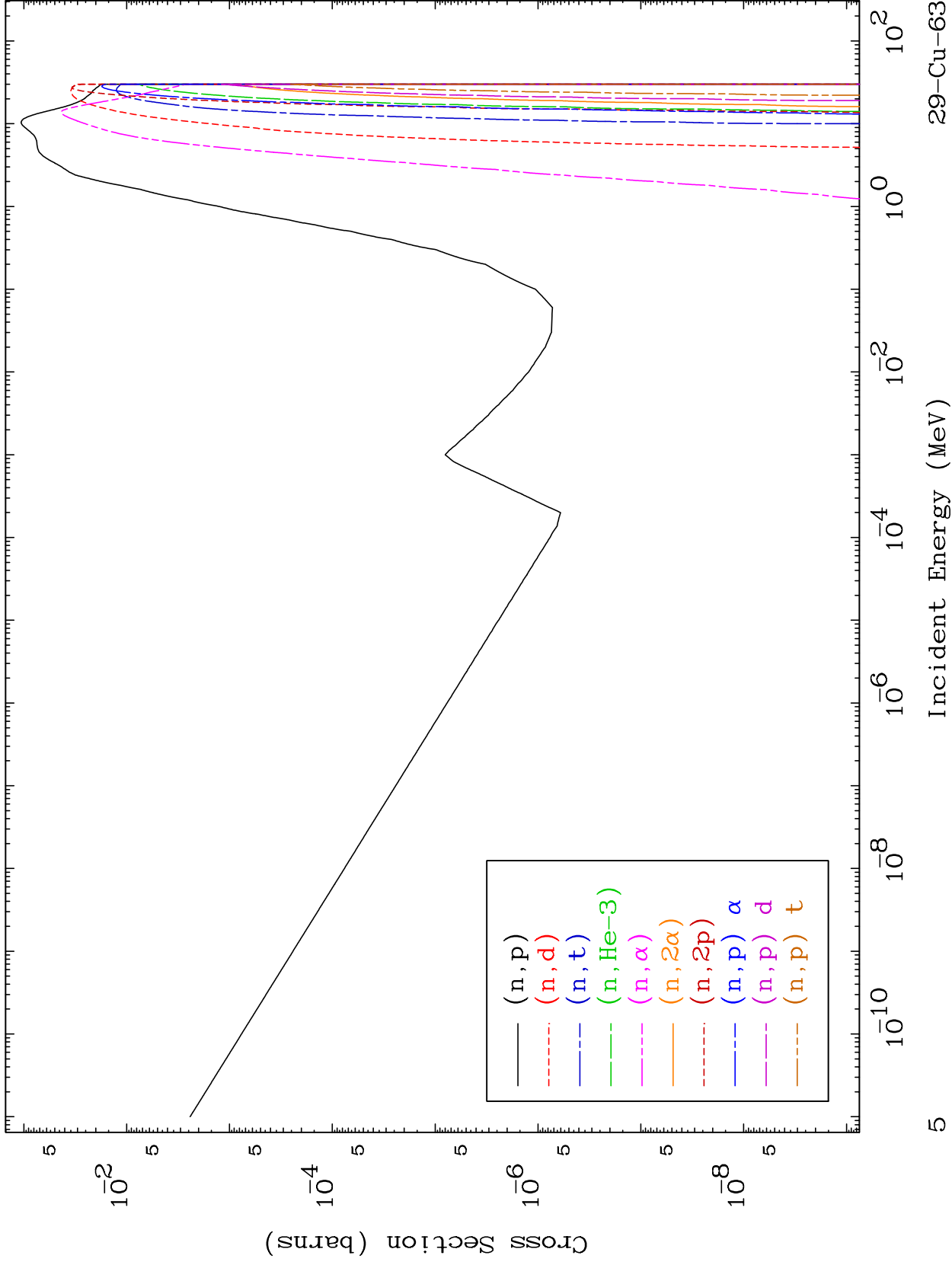
29-Cu-63



MAT 2925

Charged Particle  
293 Kelvin Cross Sections

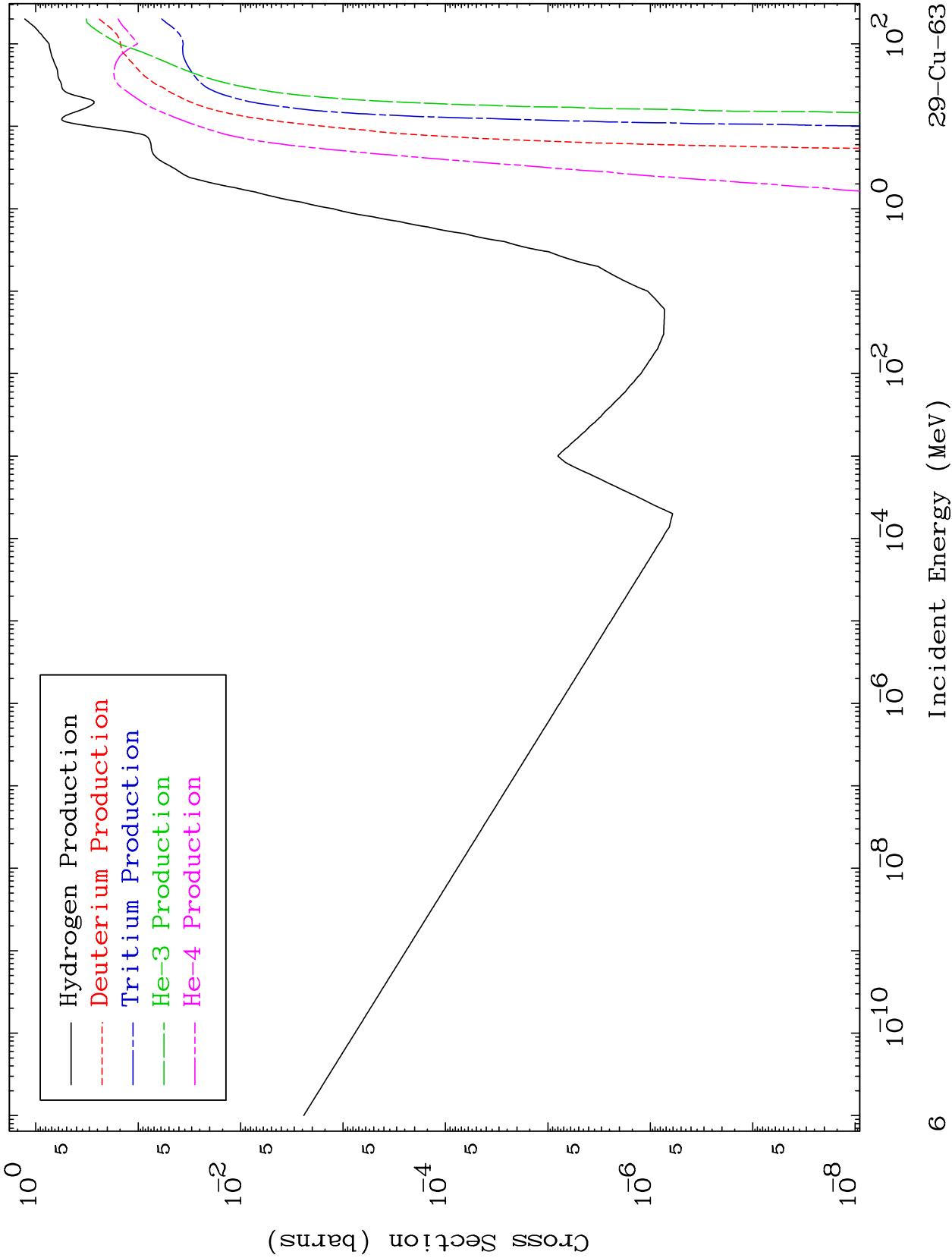
29-Cu-63



MAT 2925

Particle Production  
293 Kelvin Cross Sections

29-Cu-63

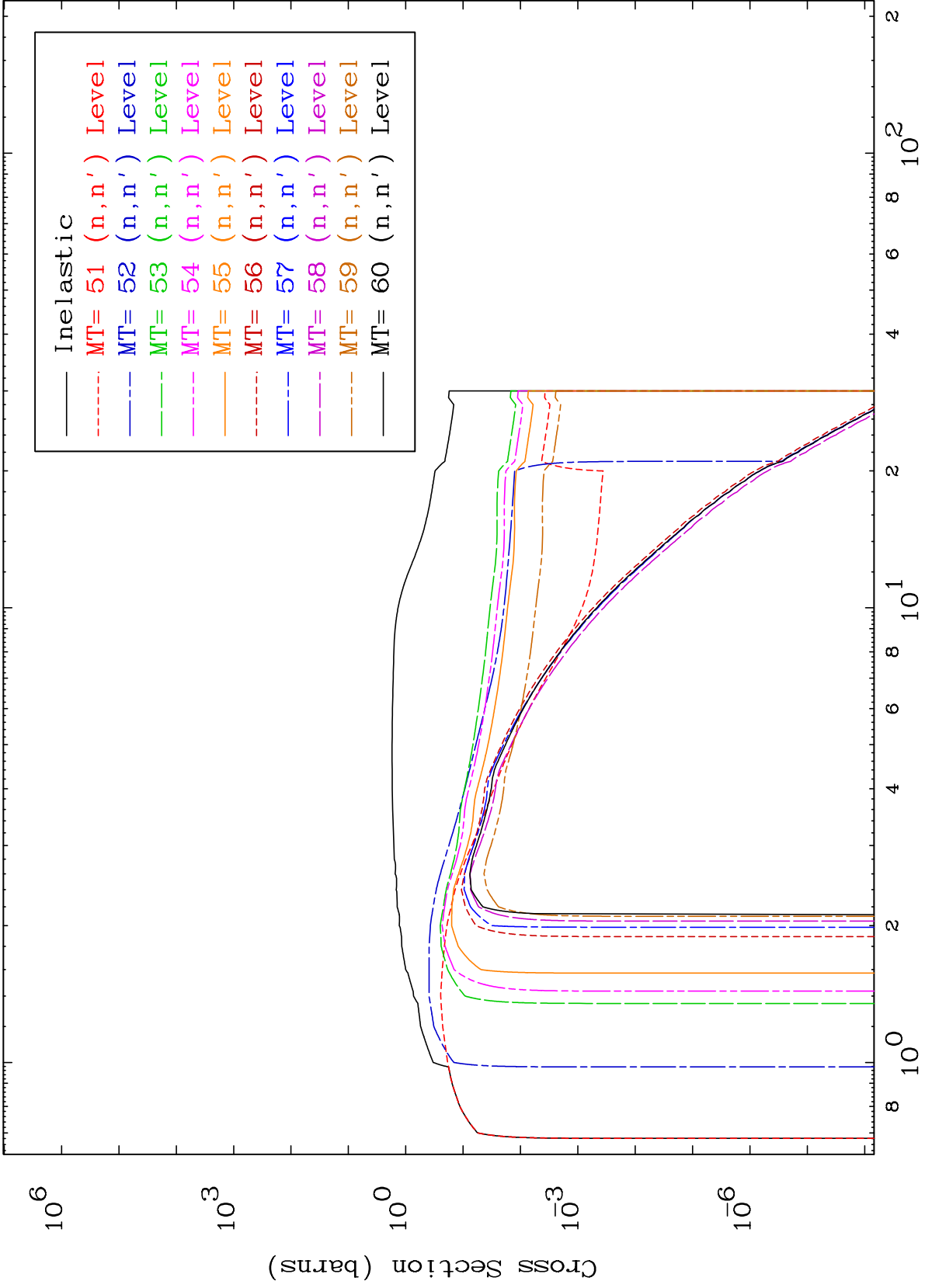


MAT 2925

(n,n') Level

29-Cu-63

293 Kelvin Cross Sections



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Incident Energy (MeV)

29-Cu-63

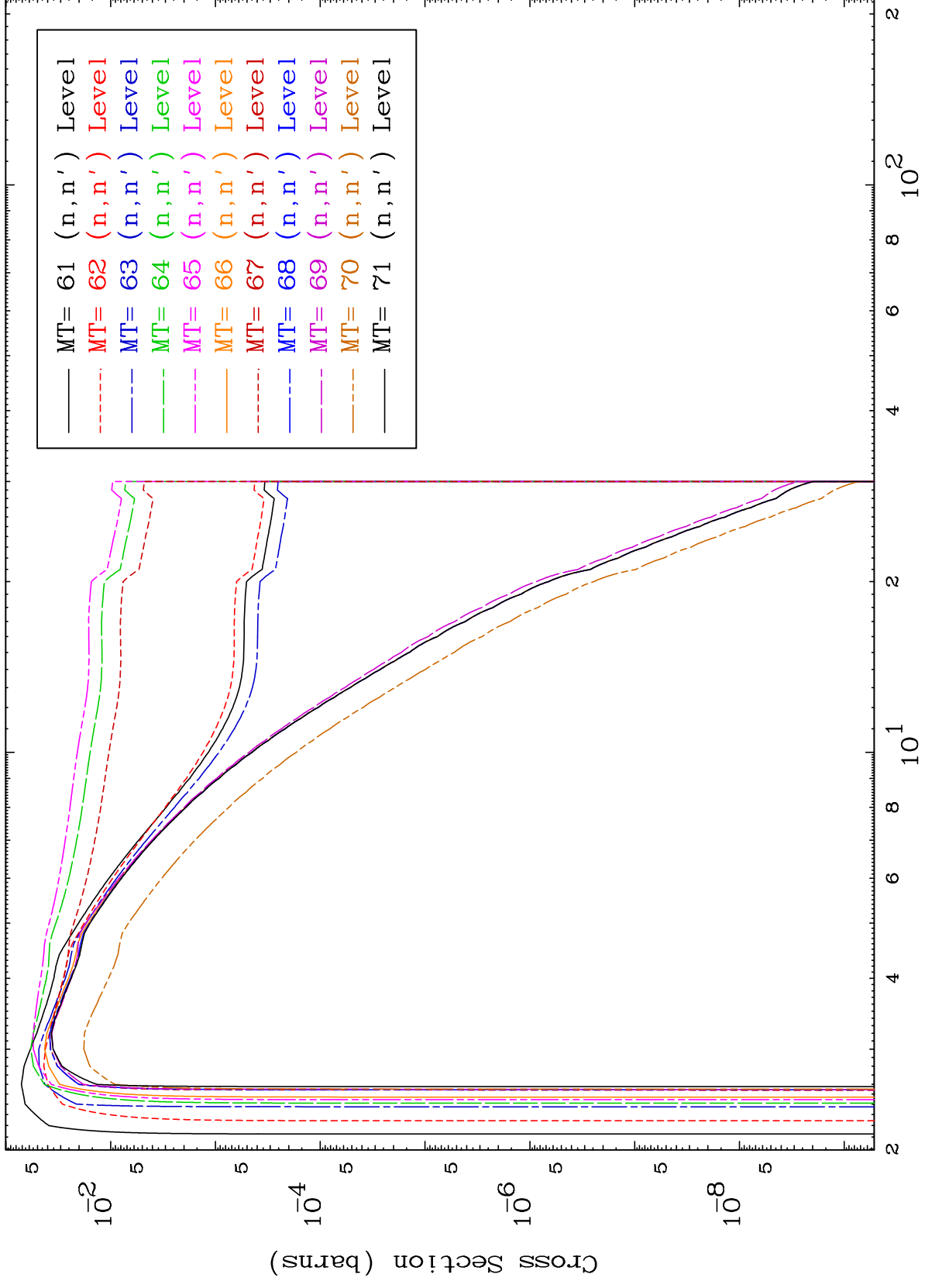


MAT 2925

(n,n') Level

29-Cu-63

293 Kelvin Cross Sections



8

Incident Energy (MeV)

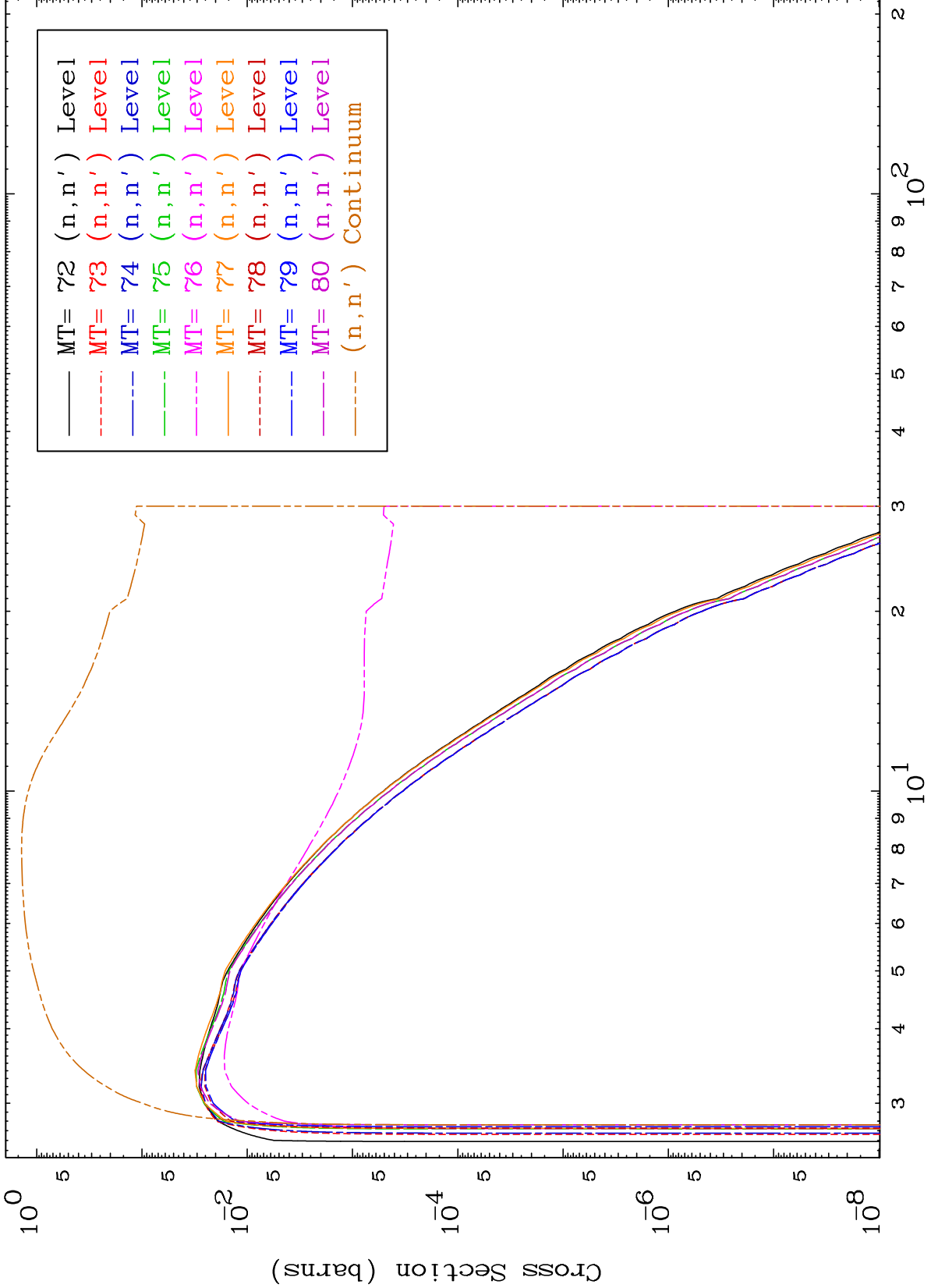
29-Cu-63

MAT 2925

(n,n') Level

29-Cu-63

293 Kelvin Cross Sections



9

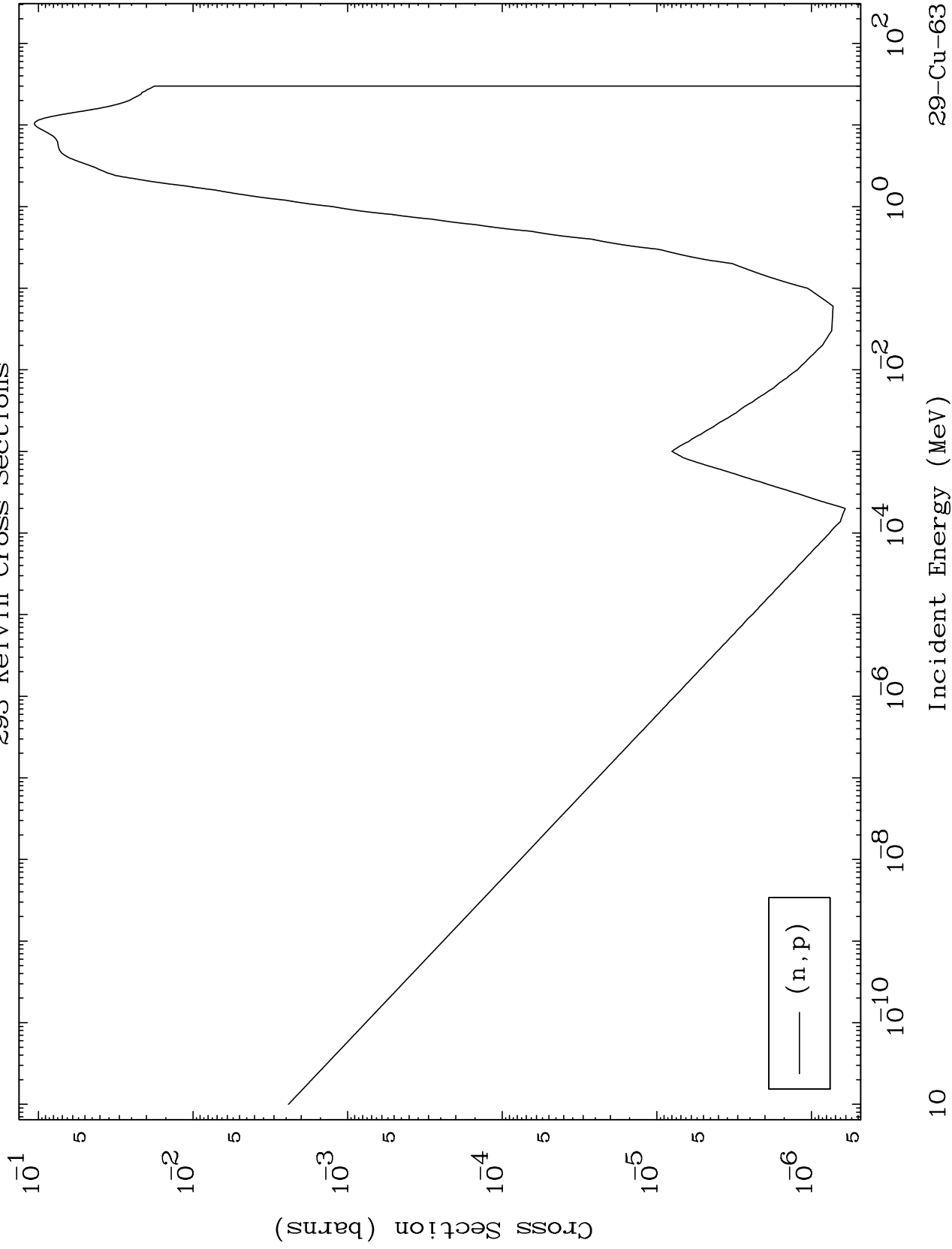
Incident Energy (MeV)

29-Cu-63

MAT 2925

(n,p) Levels  
293 Kelvin Cross Sections

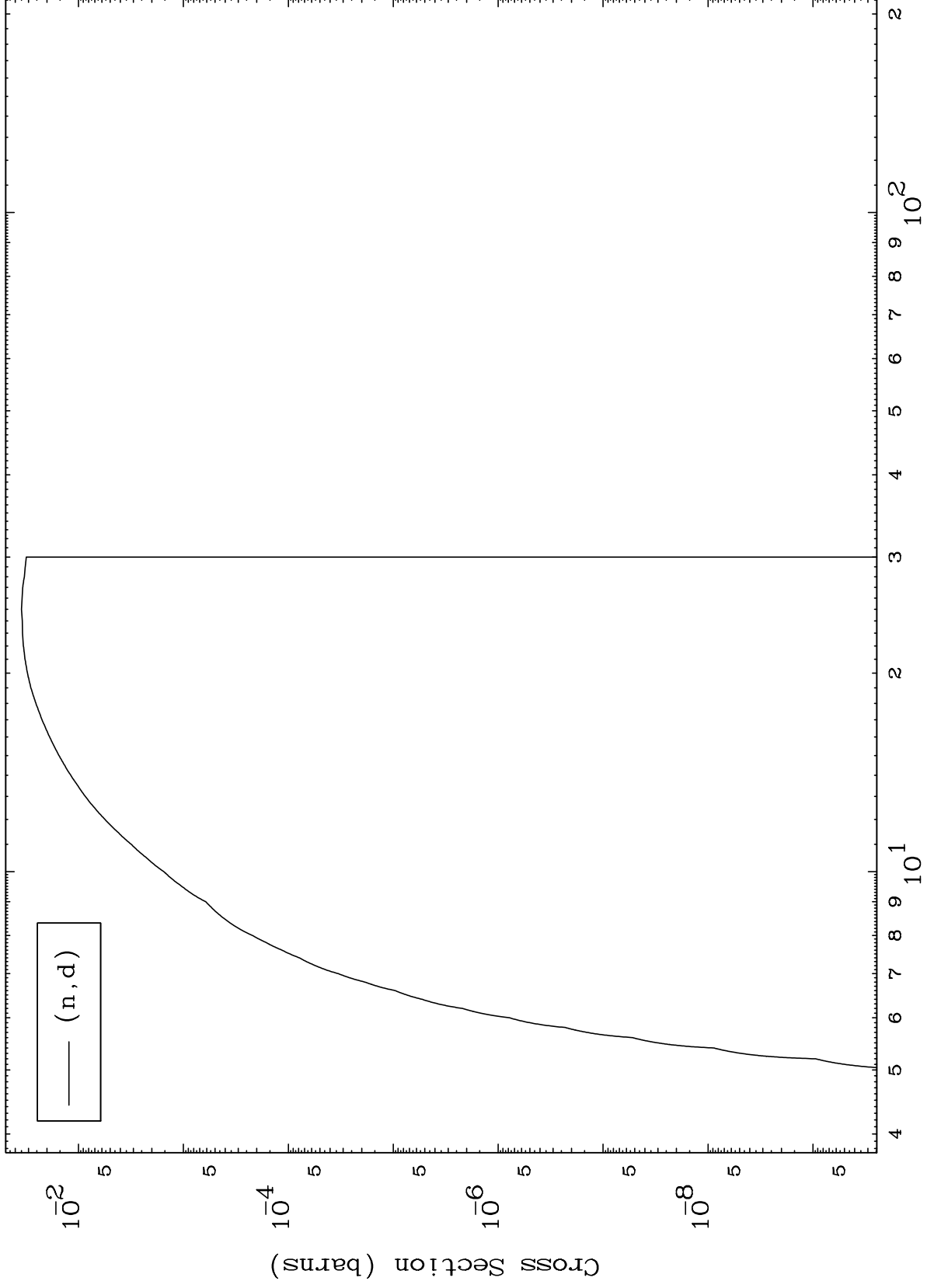
29-Cu-63



MAT 2925

(n,d) Levels  
293 Kelvin Cross Sections

29-Cu-63



11

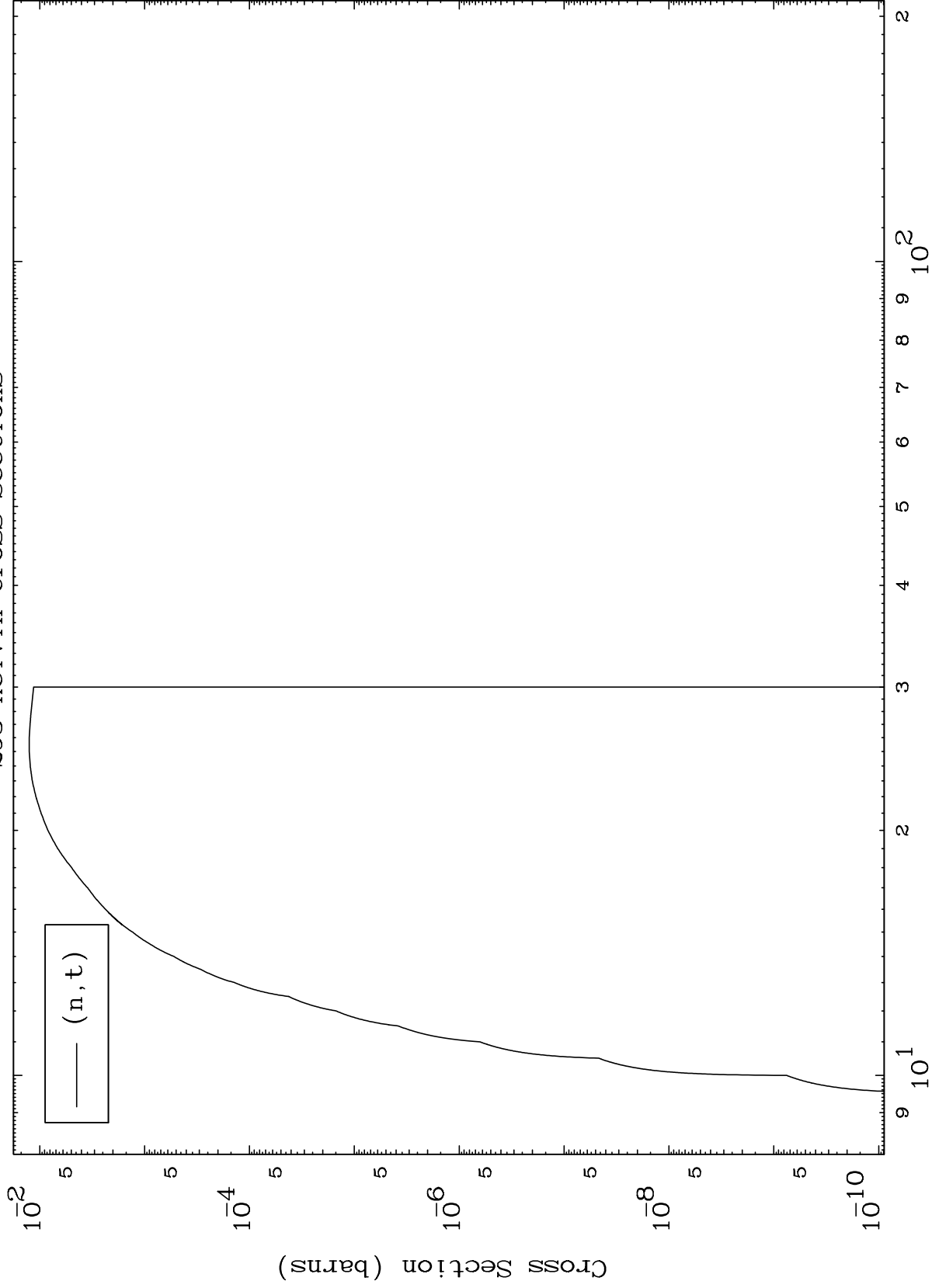
Incident Energy (MeV)

29-Cu-63

MAT 2925

(n,t) Levels  
293 Kelvin Cross Sections

29-Cu-63



12

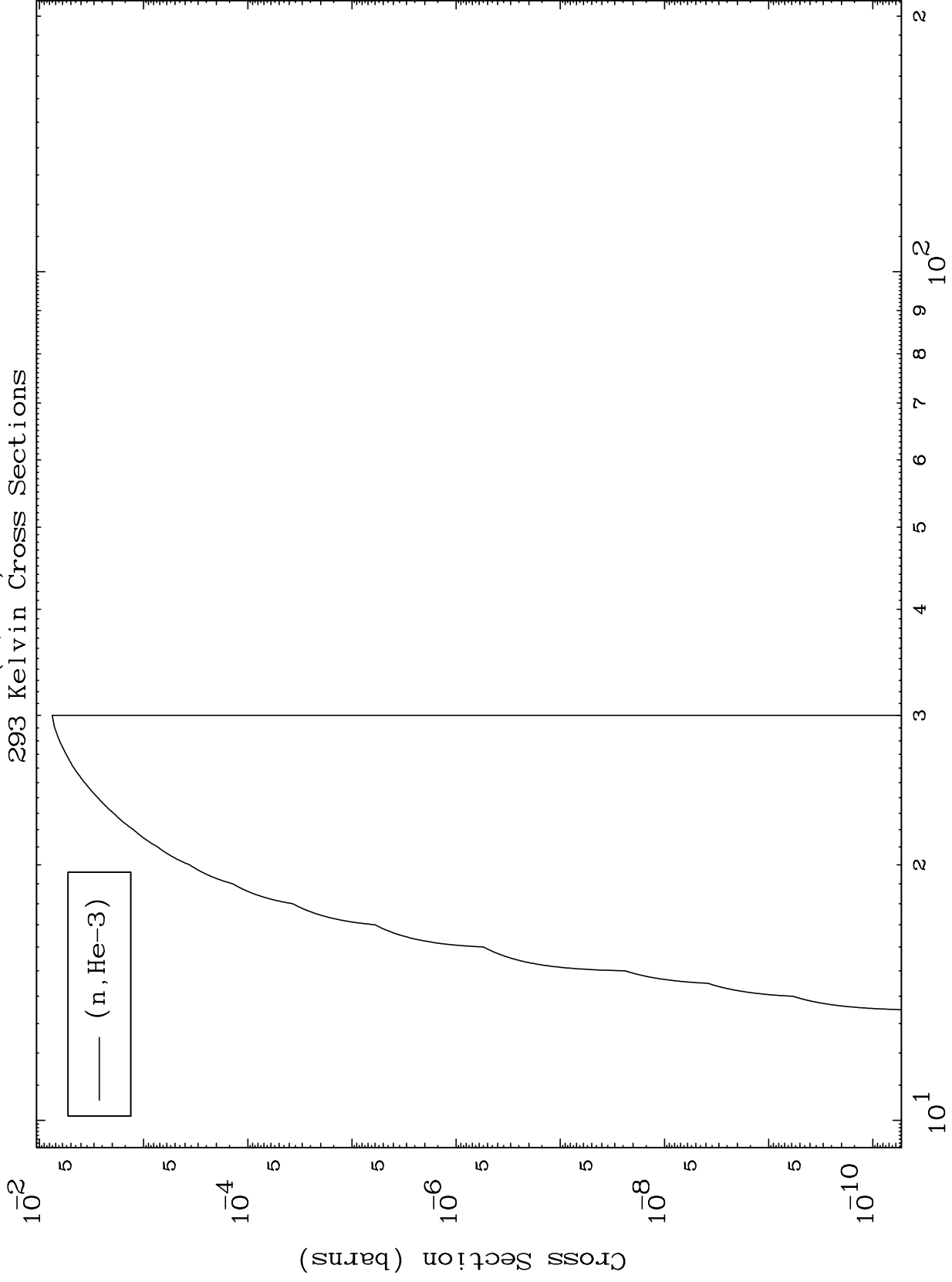
Incident Energy (MeV)

29-Cu-63

MAT 2925

(n,He3) Levels  
293 Kelvin Cross Sections

29-Cu-63



13

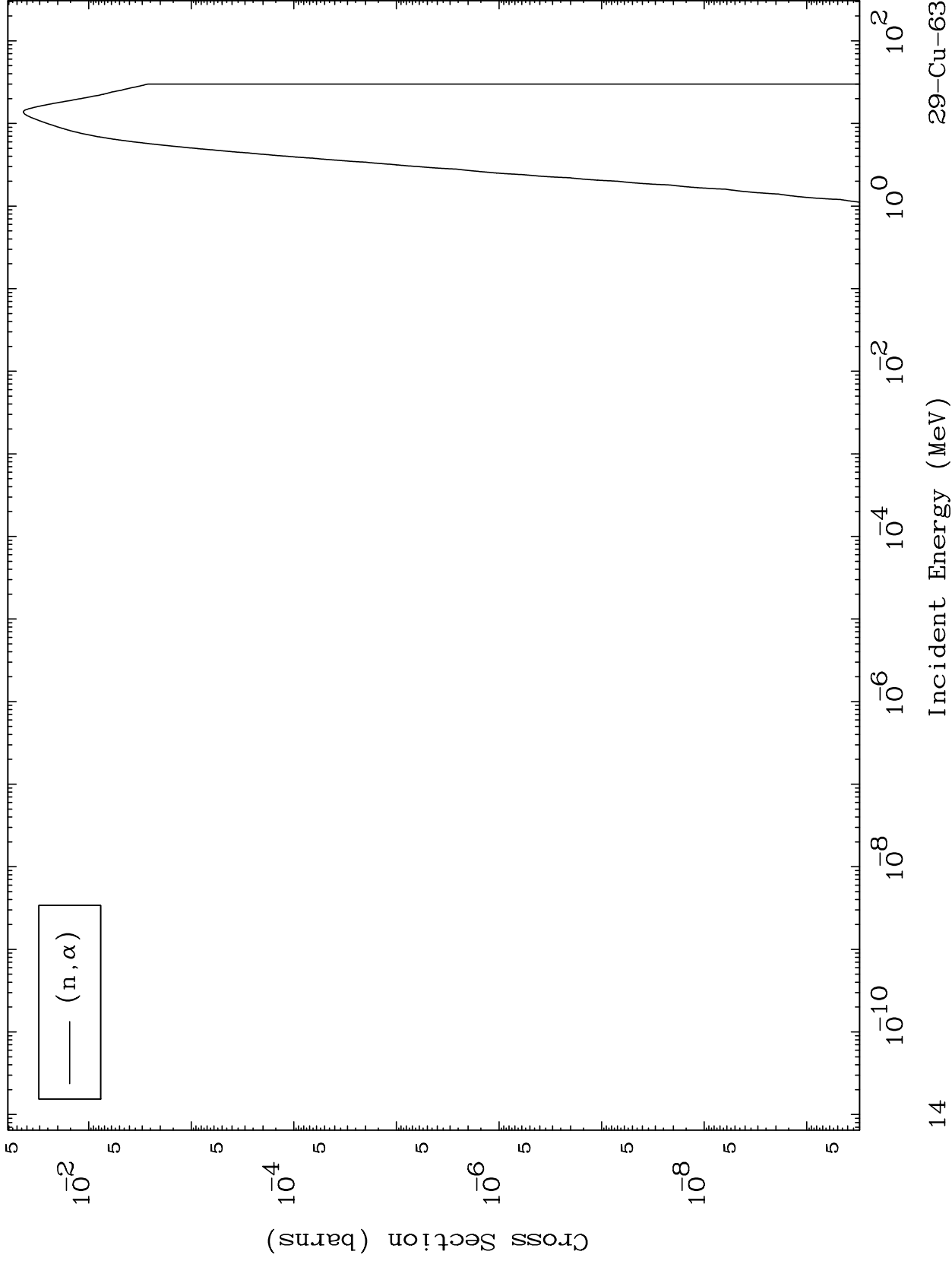
Incident Energy (MeV)

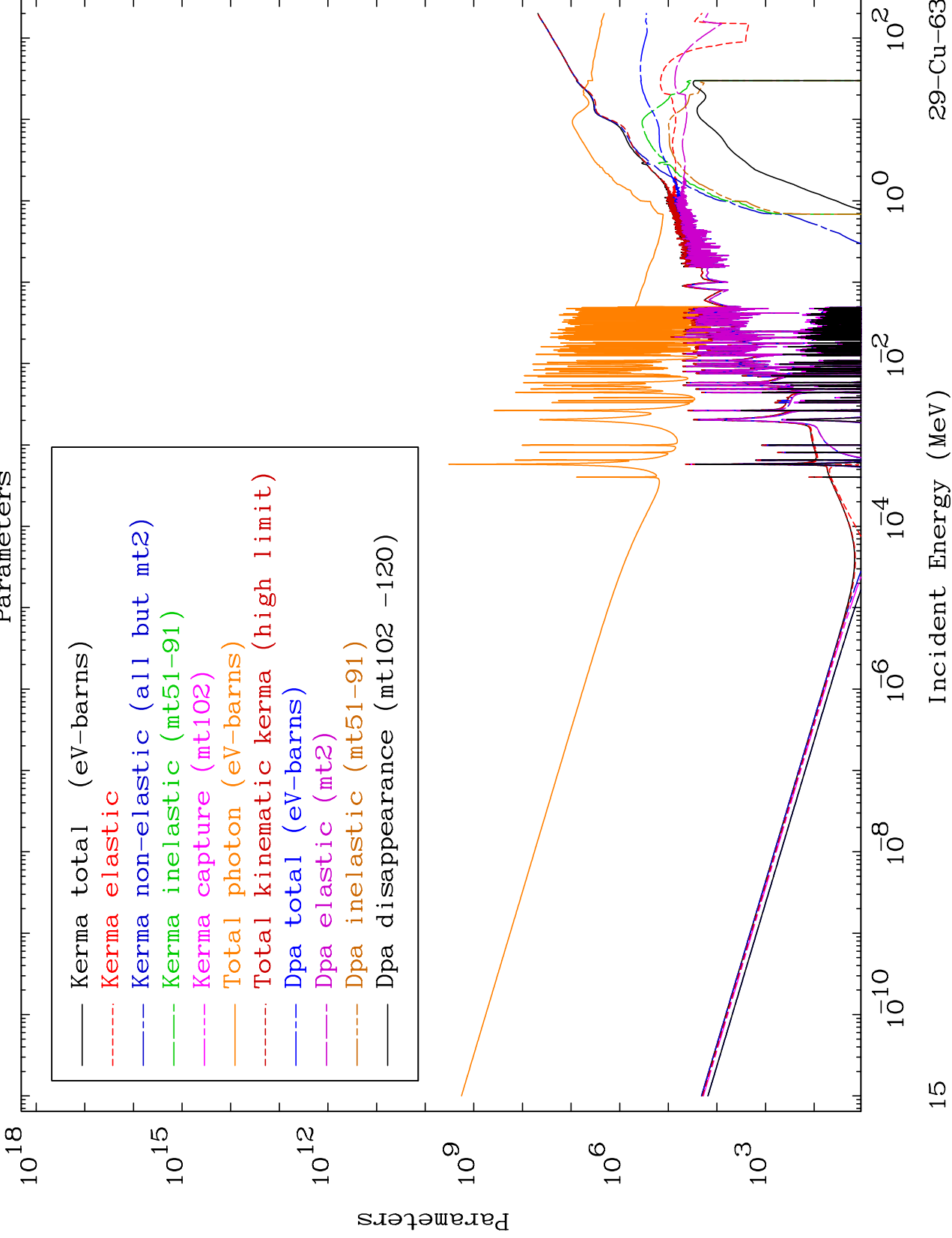
29-Cu-63

MAT 2925

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

29-Cu-63



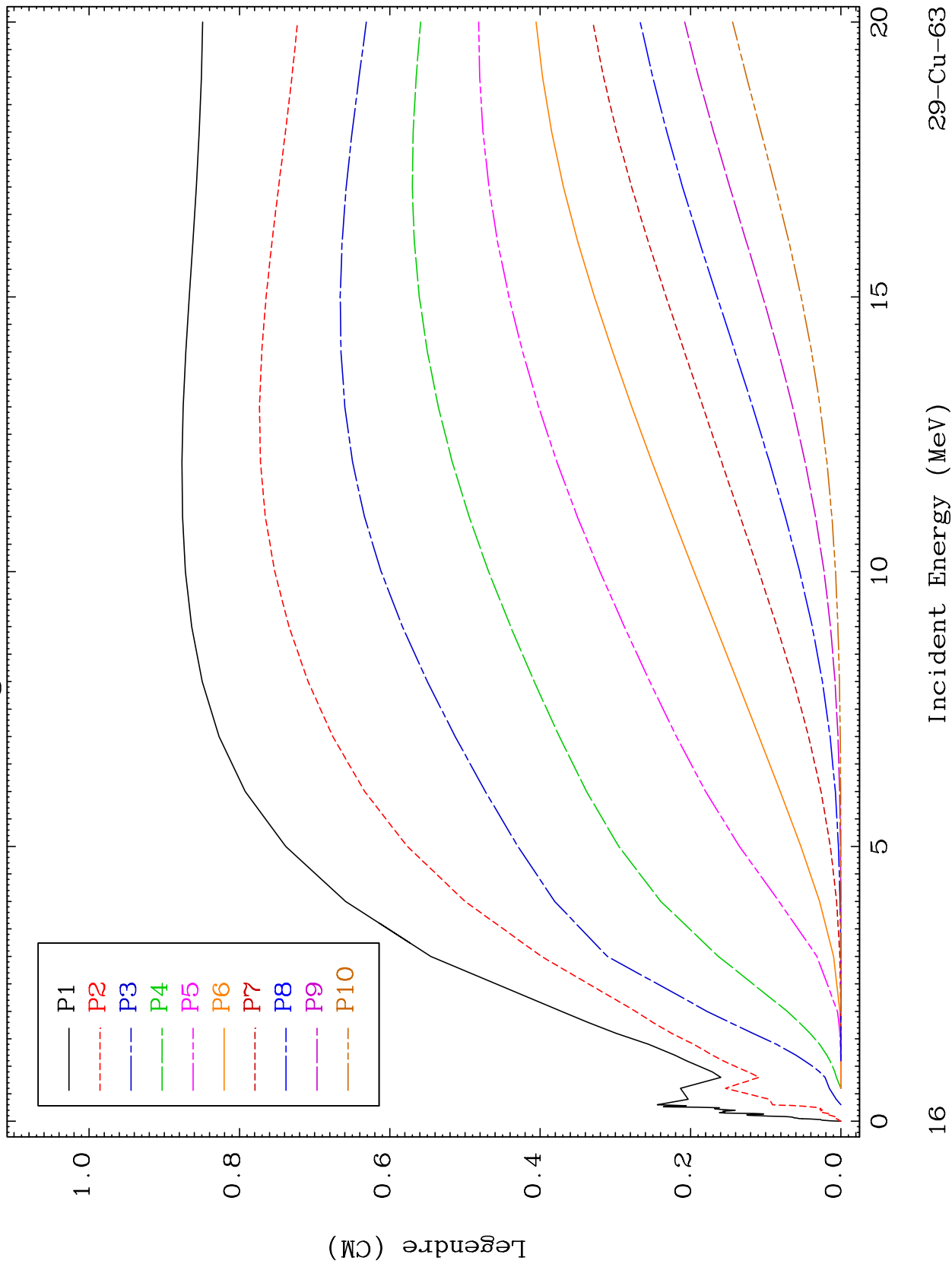




MAT 2925

Elastic Legendre Coefficients

29-Cu-63



29-Cu-63

Incident Energy (MeV)

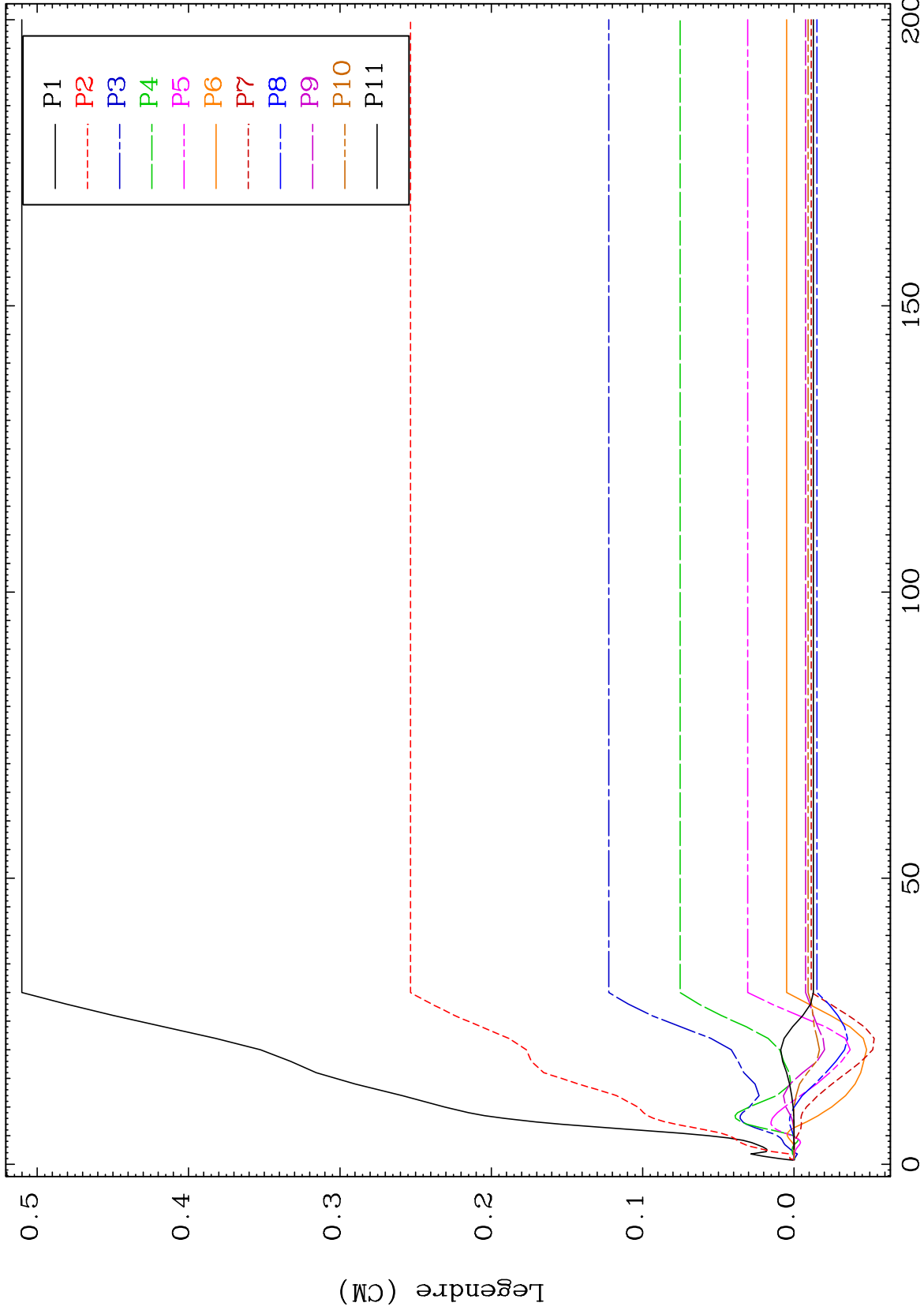
16



MAT 2925

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

29-Cu-63



18

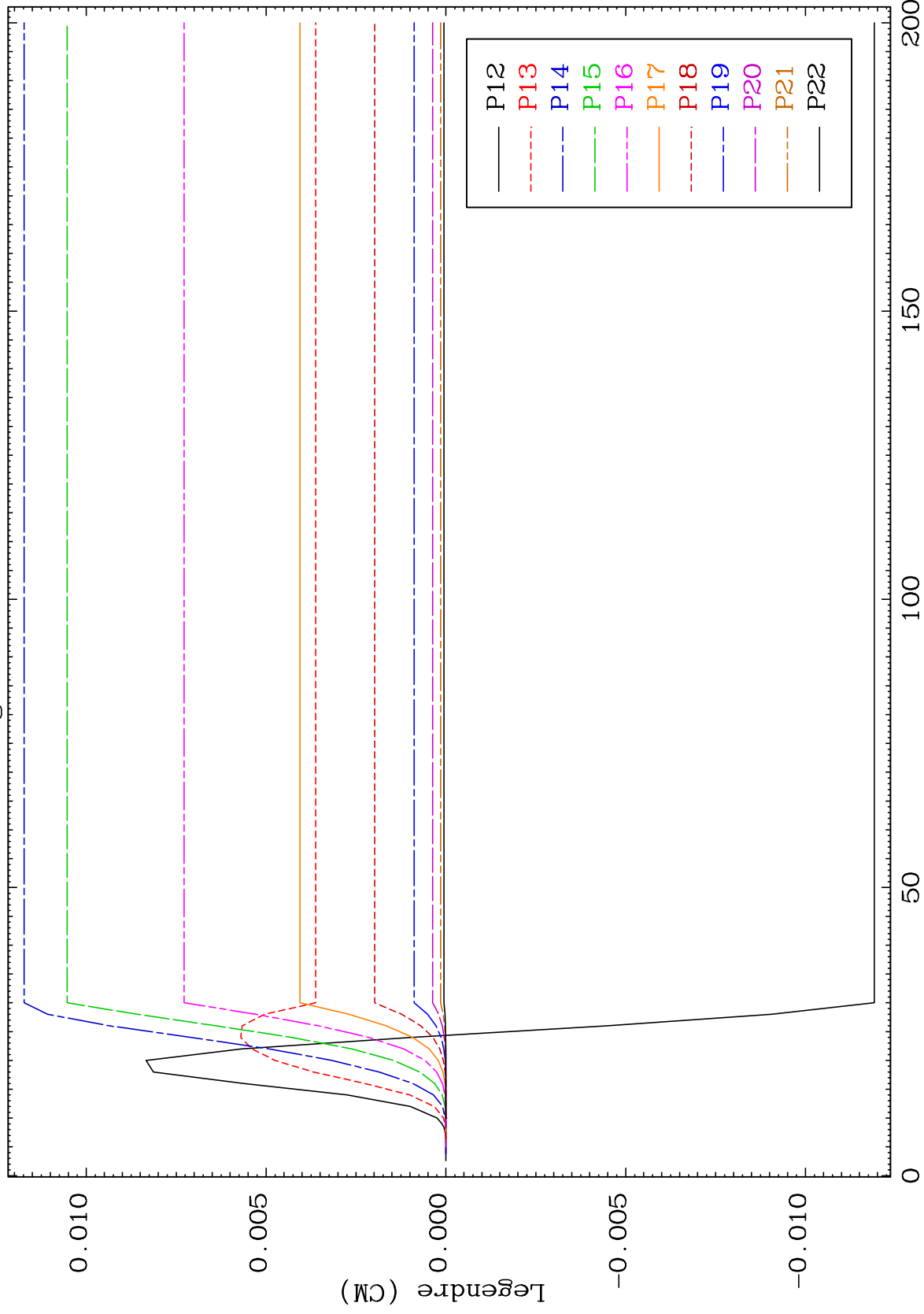
Incident Energy (MeV)

29-Cu-63

MAT 2925

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

29-Cu-63



19

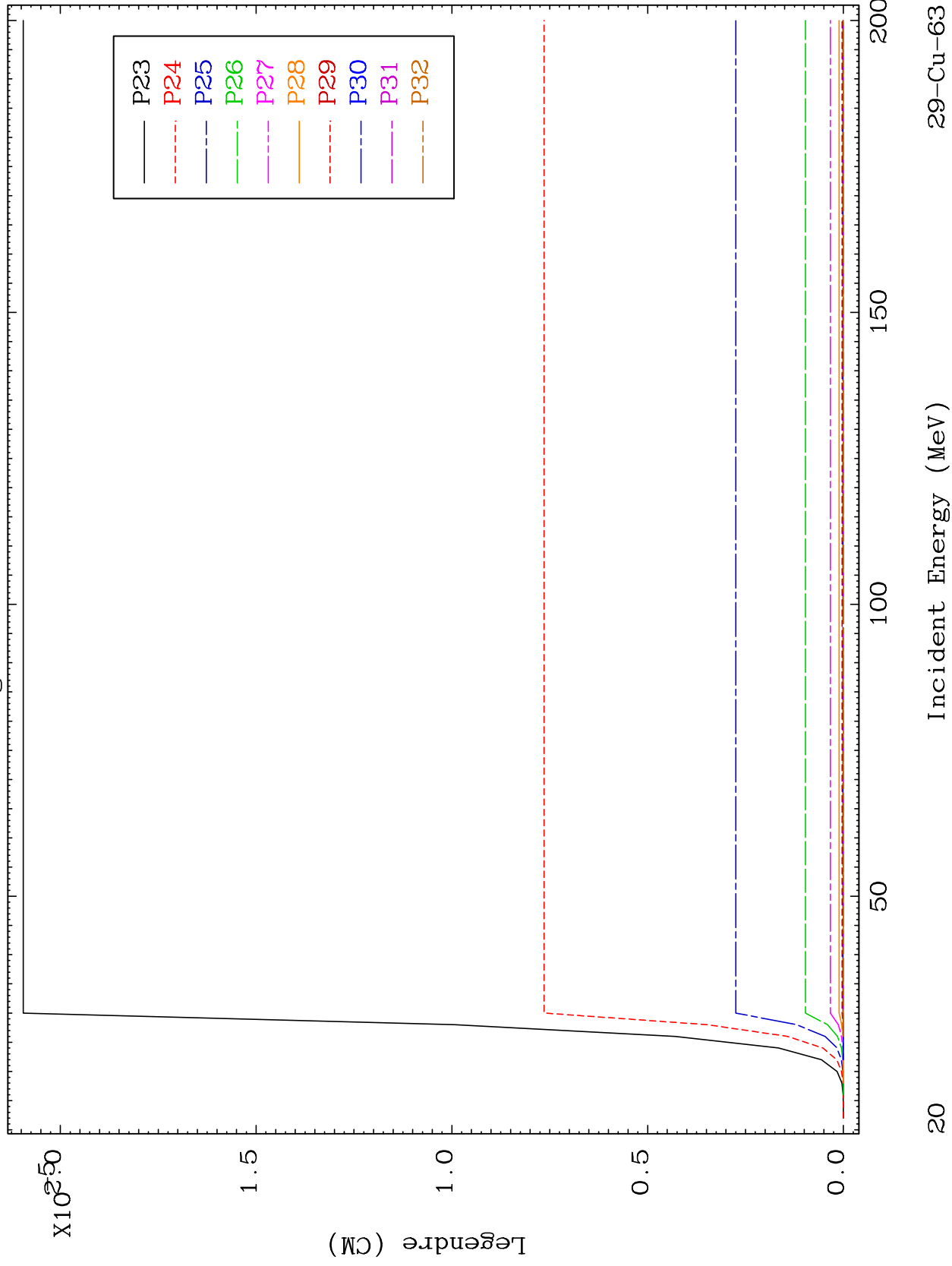
Incident Energy (MeV)

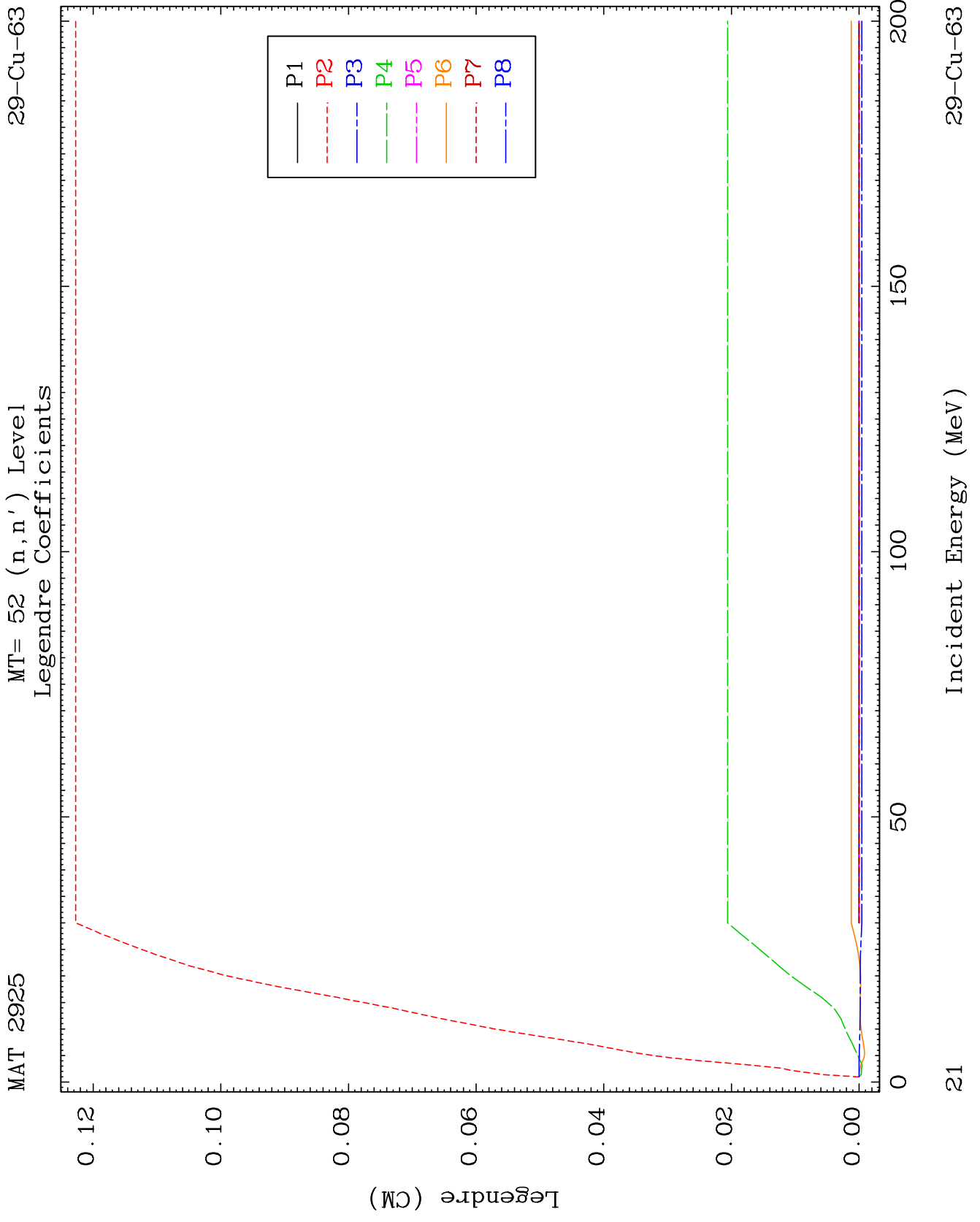
29-Cu-63

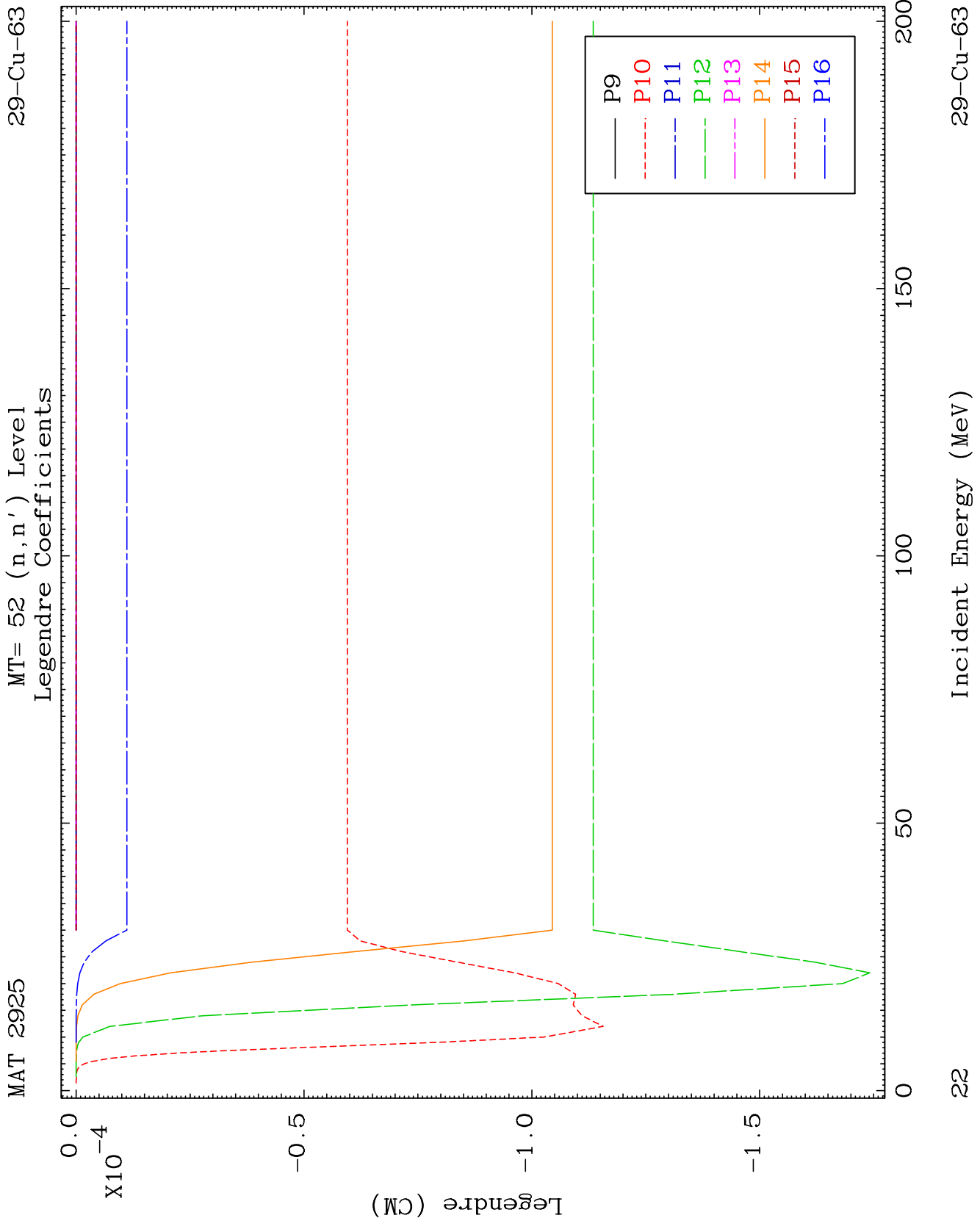
MAT 2925

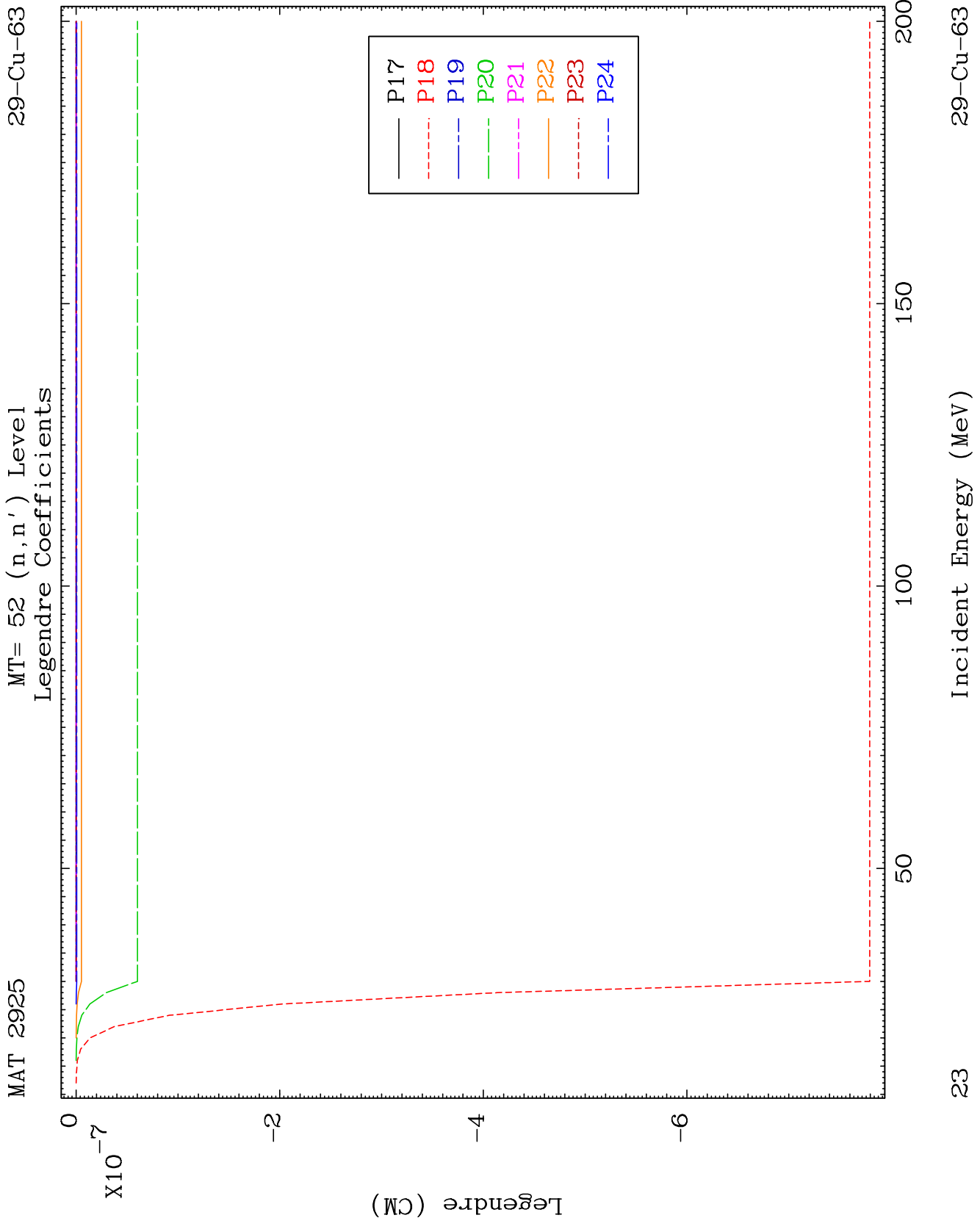
MT= 51 (n,n') Level  
Legendre Coefficients

29-Cu-63









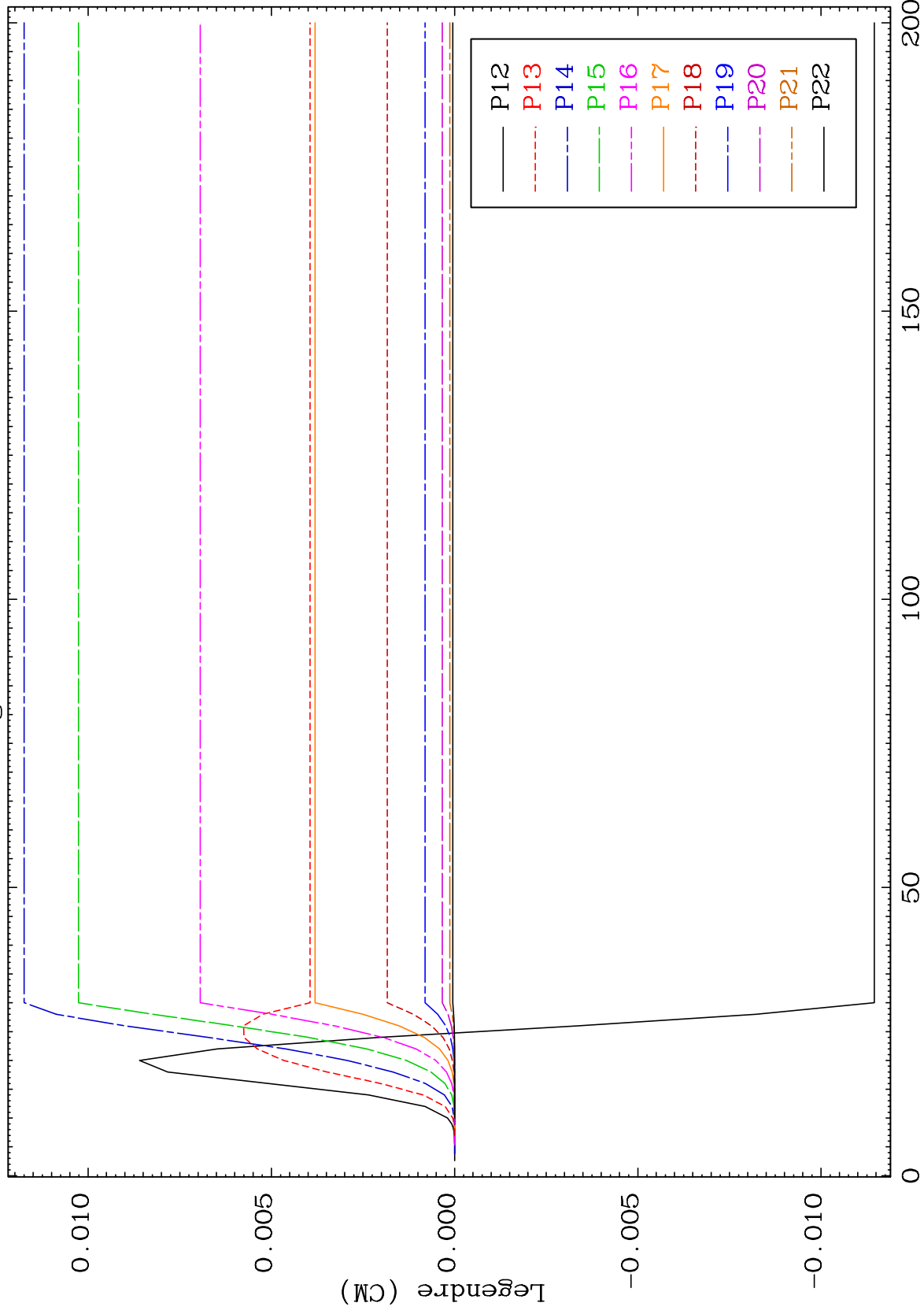




MAT 2925

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

29-Cu-63



25

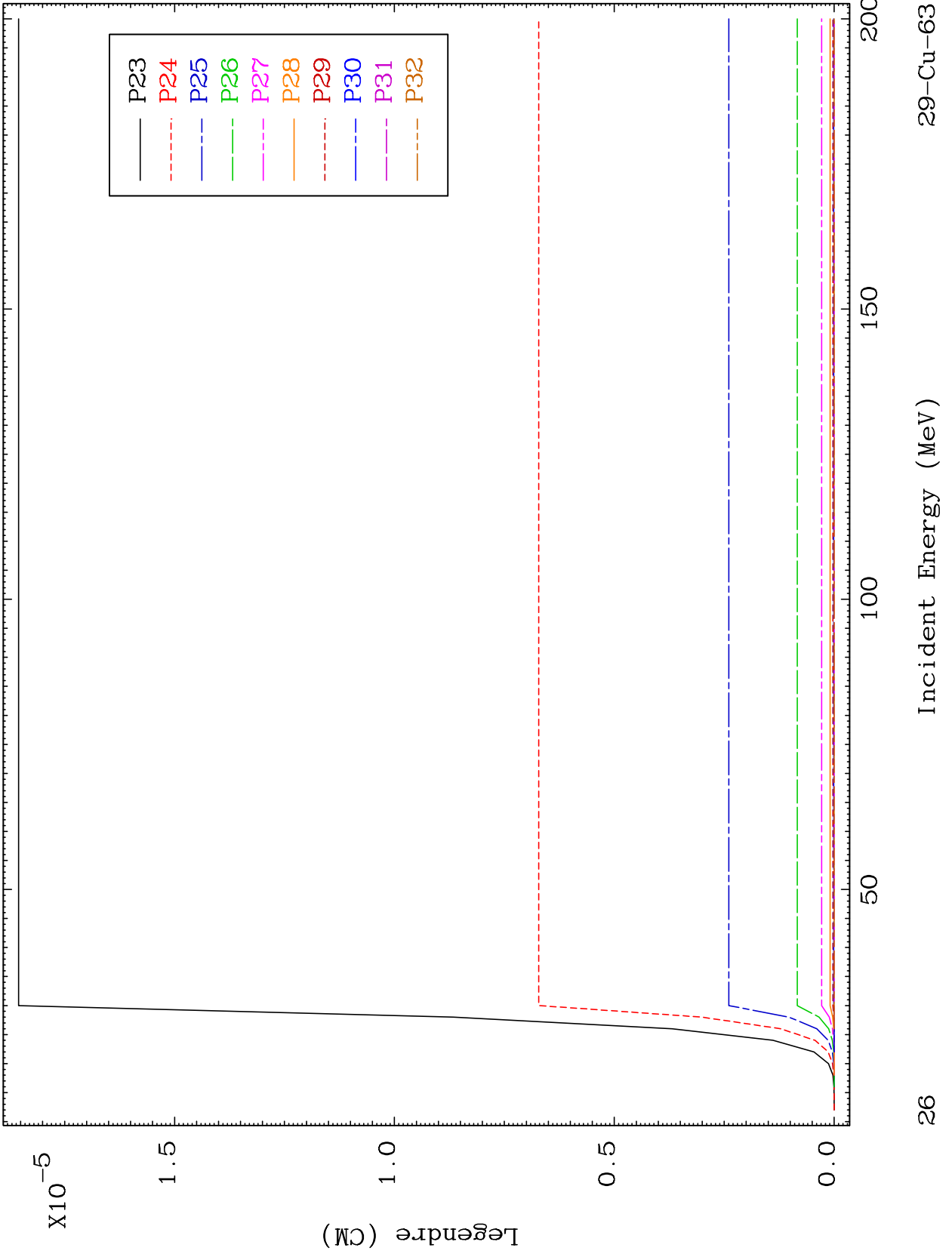
Incident Energy (MeV)

29-Cu-63

MAT 2925

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

29-Cu-63



26

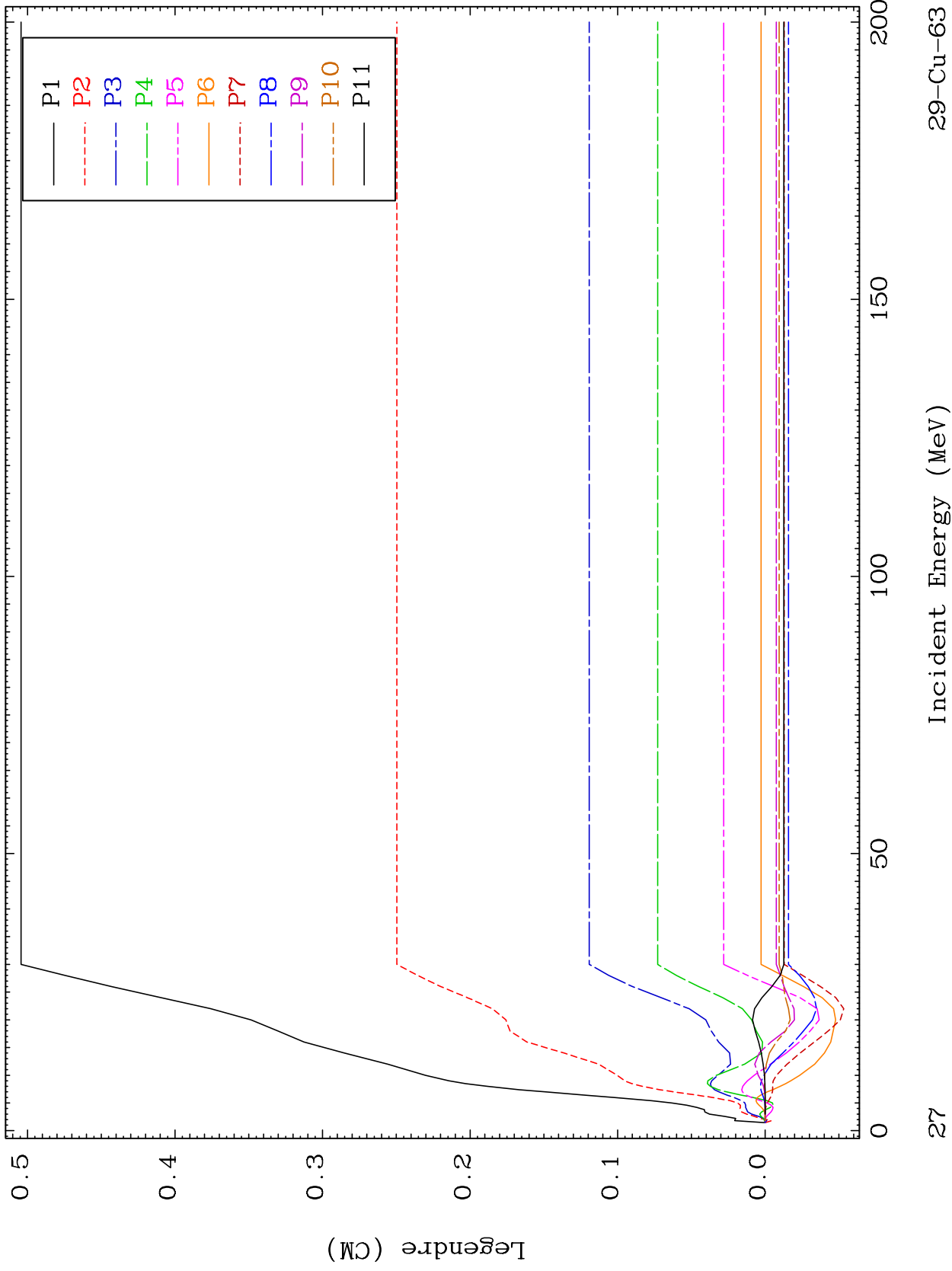
Incident Energy (MeV)

29-Cu-63

MAT 2925

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

29-Cu-63



29-Cu-63

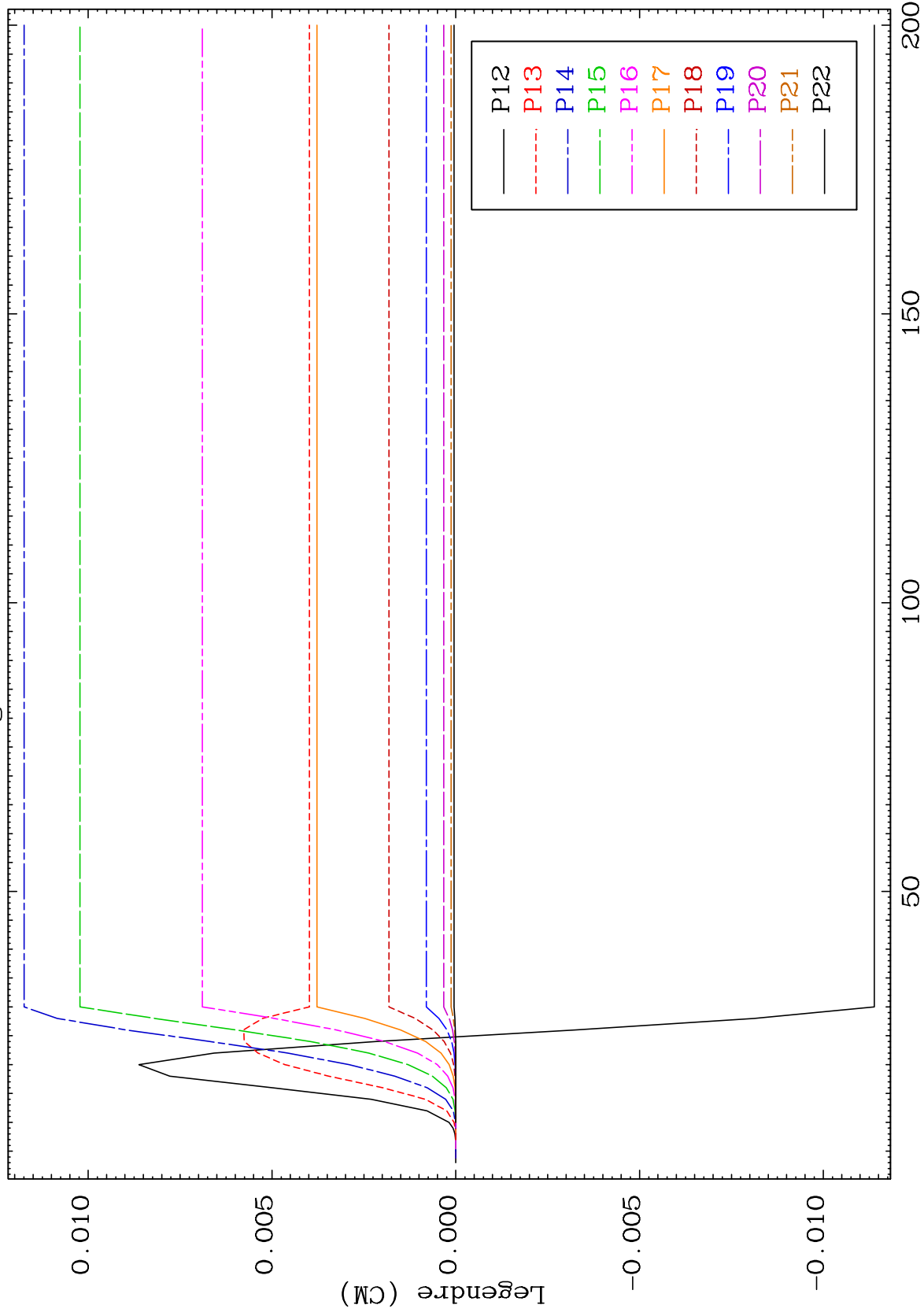
Incident Energy (MeV)

27

MAT 2925

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

29-Cu-63



28

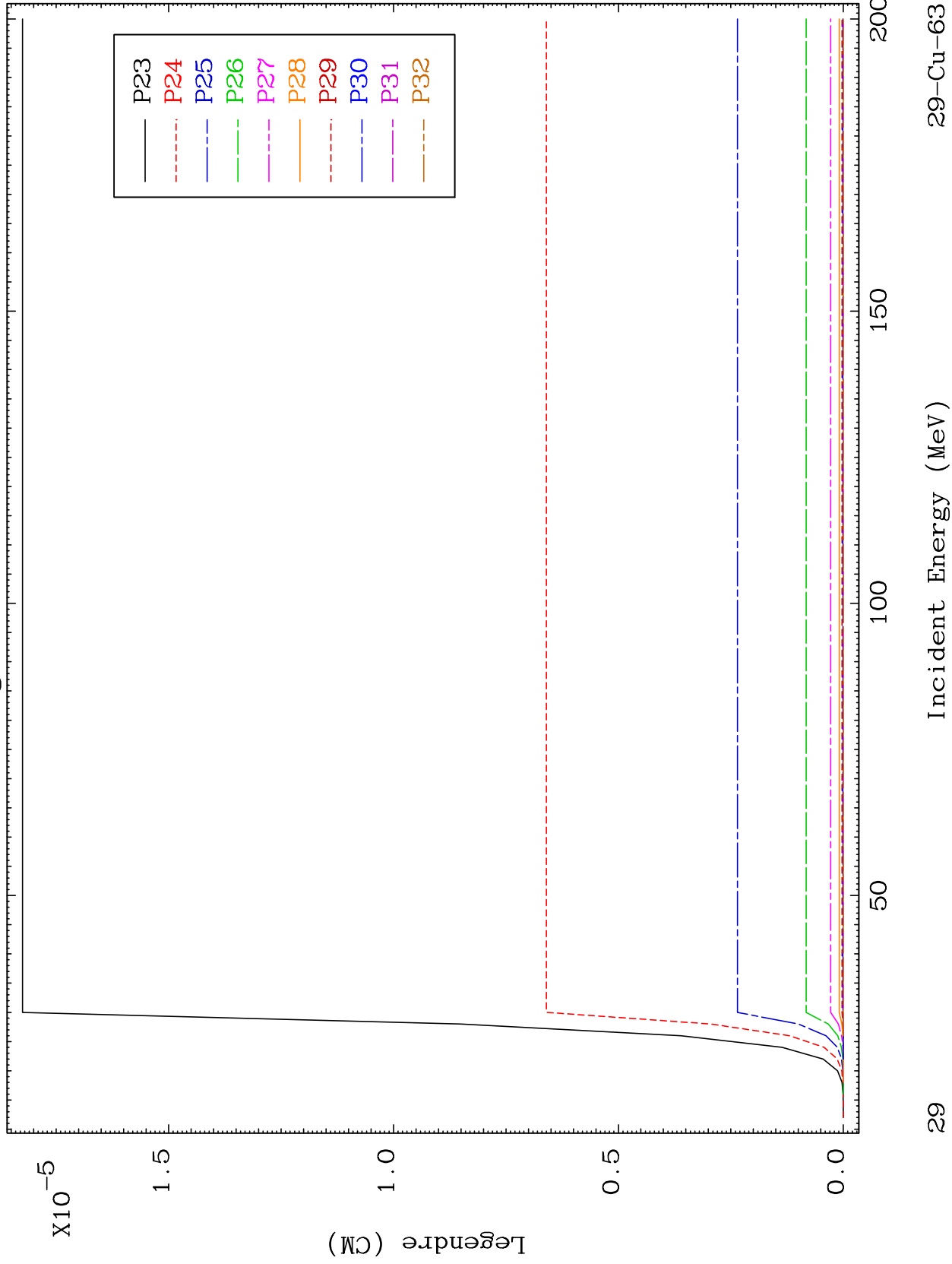
Incident Energy (MeV)

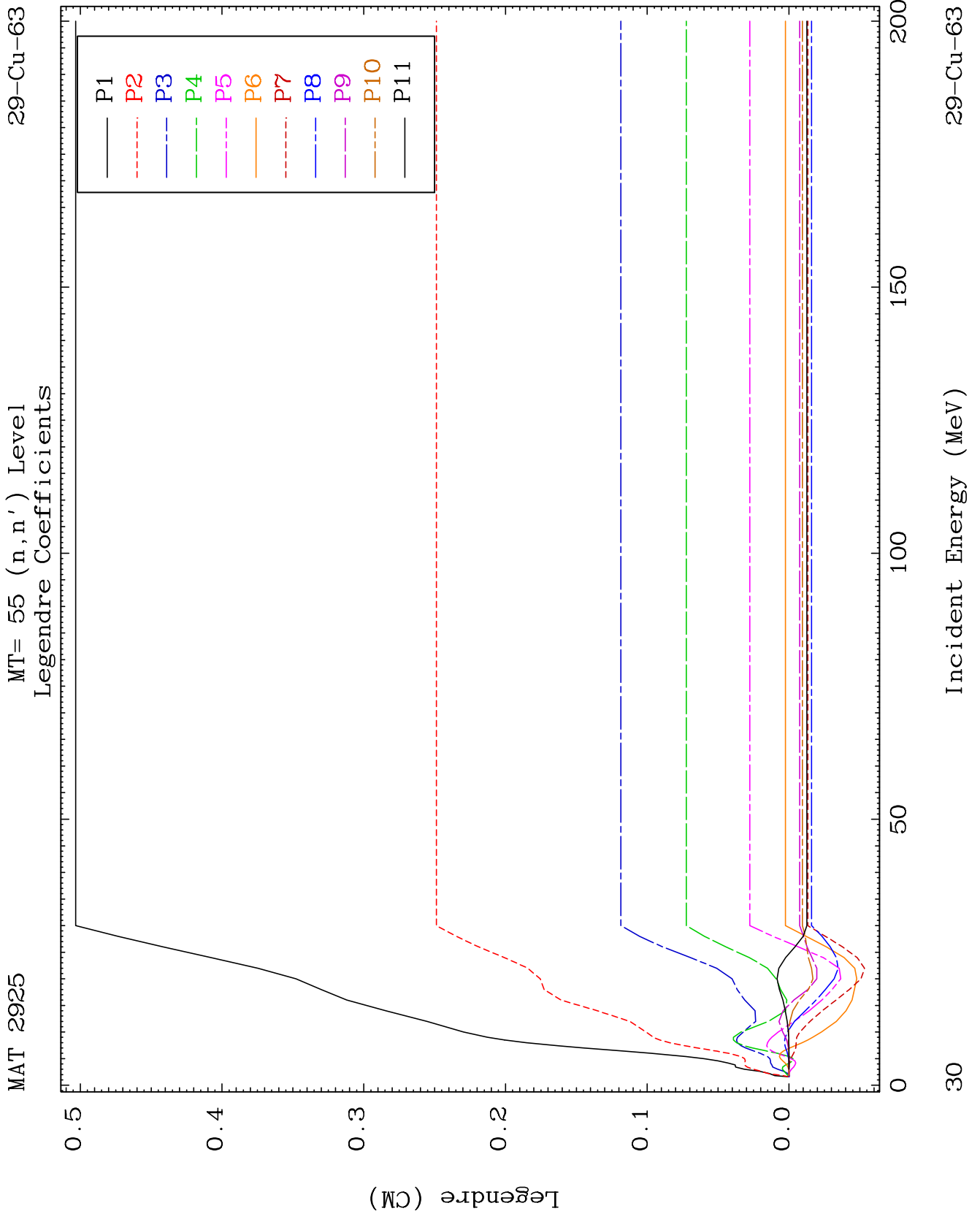
29-Cu-63

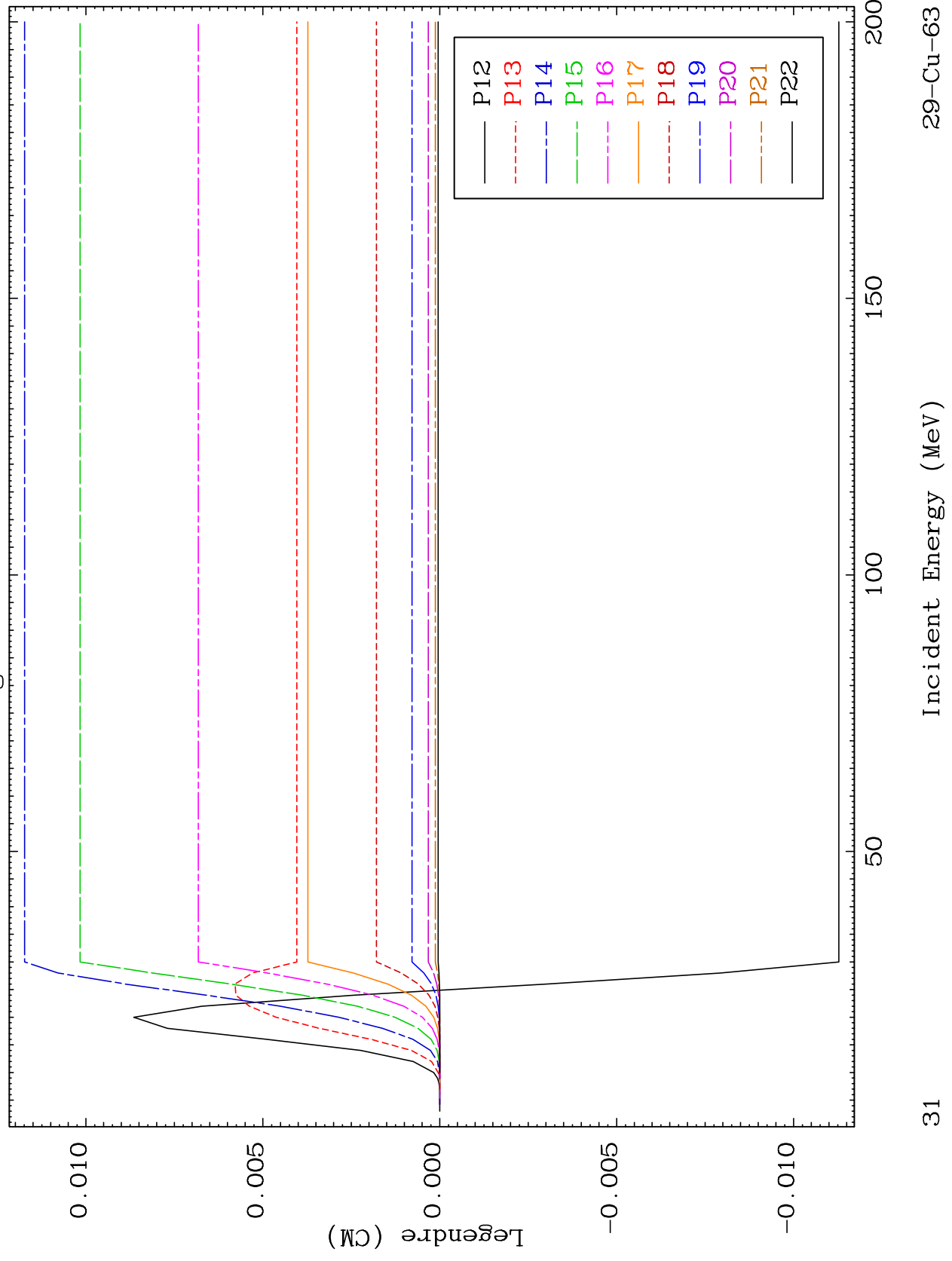
MAT 2925

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

29-Cu-63





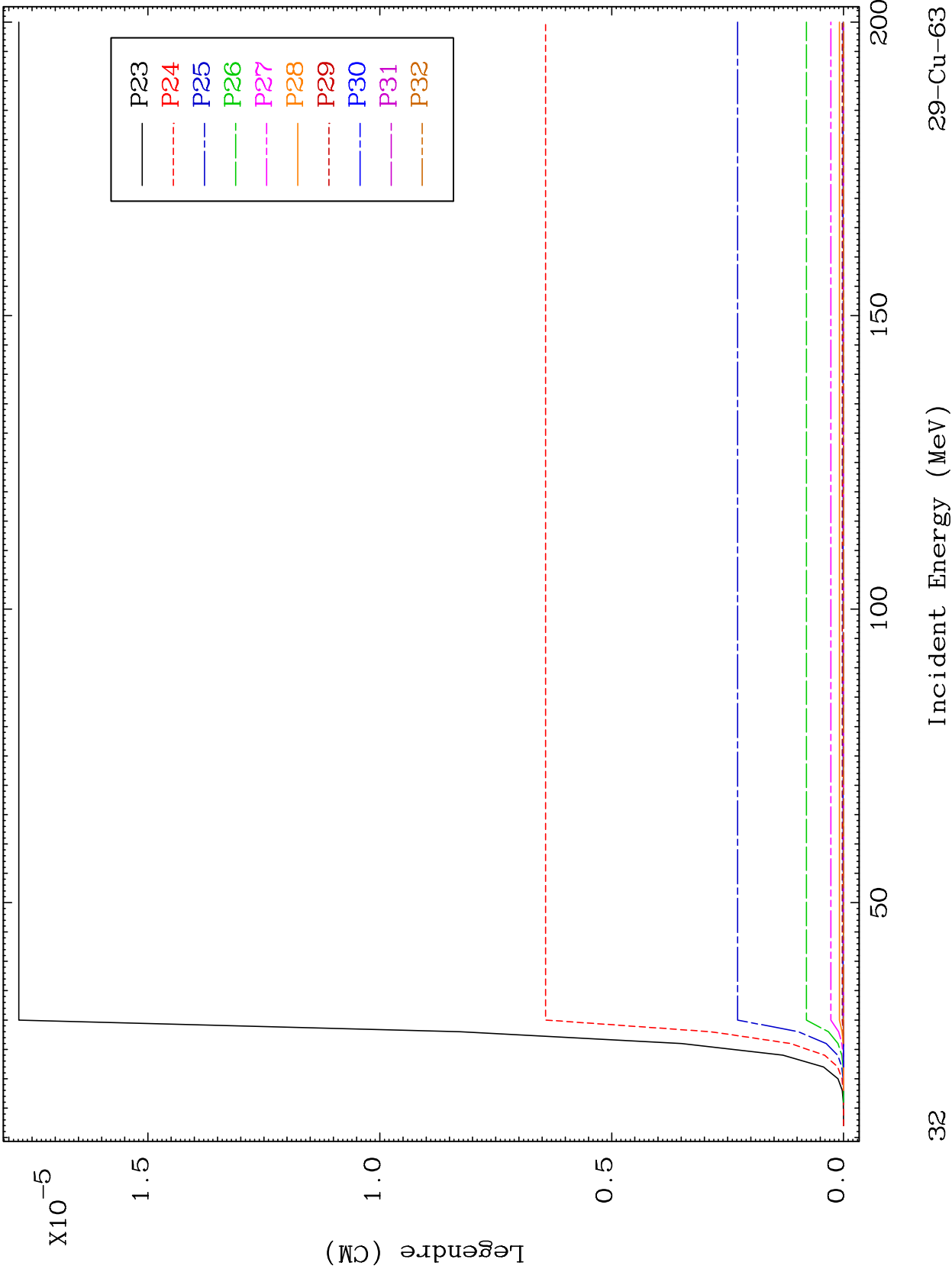




MAT 2925

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

29-Cu-63



32

Incident Energy (MeV)

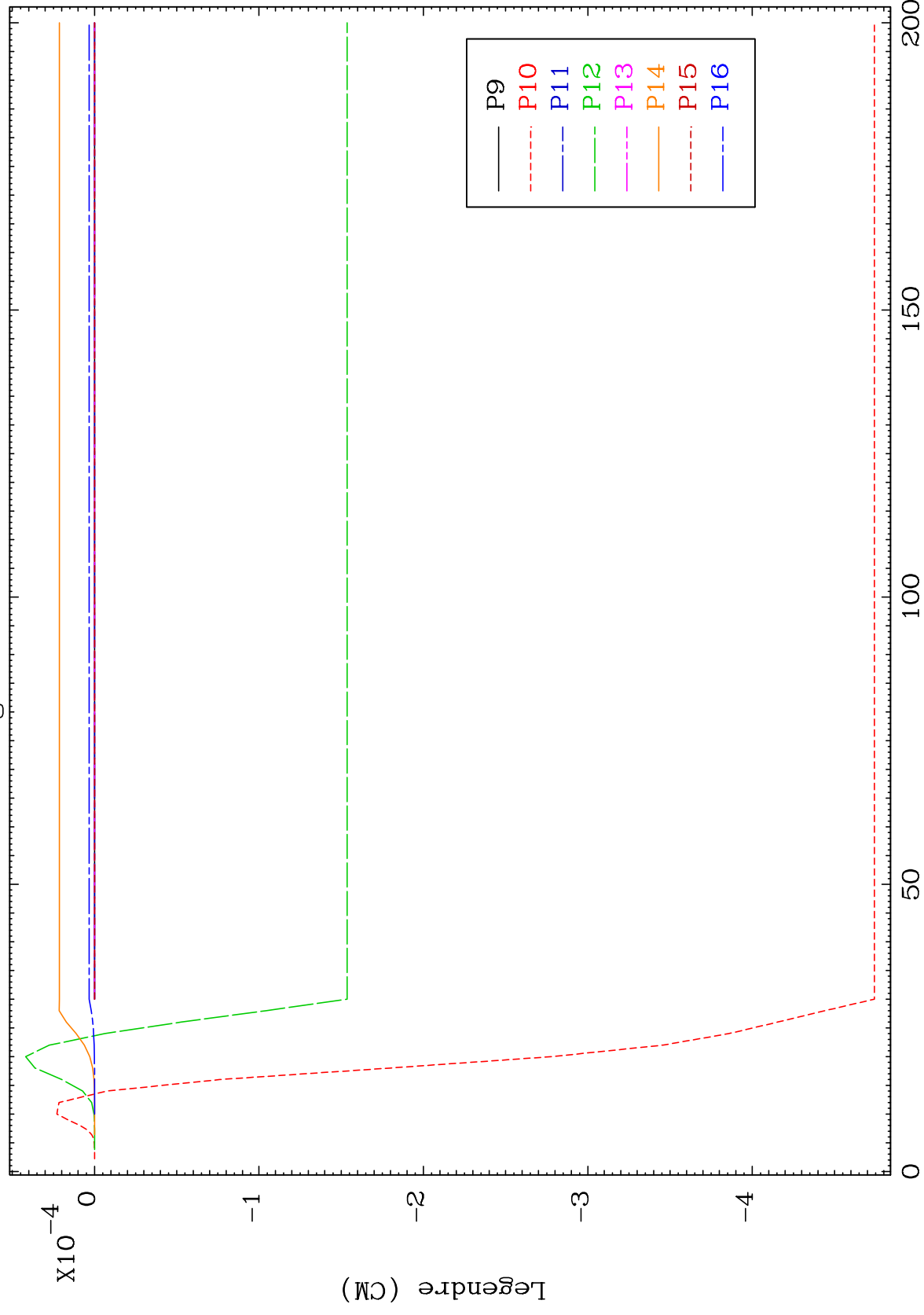
29-Cu-63



MAT 2925

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

29-Cu-63

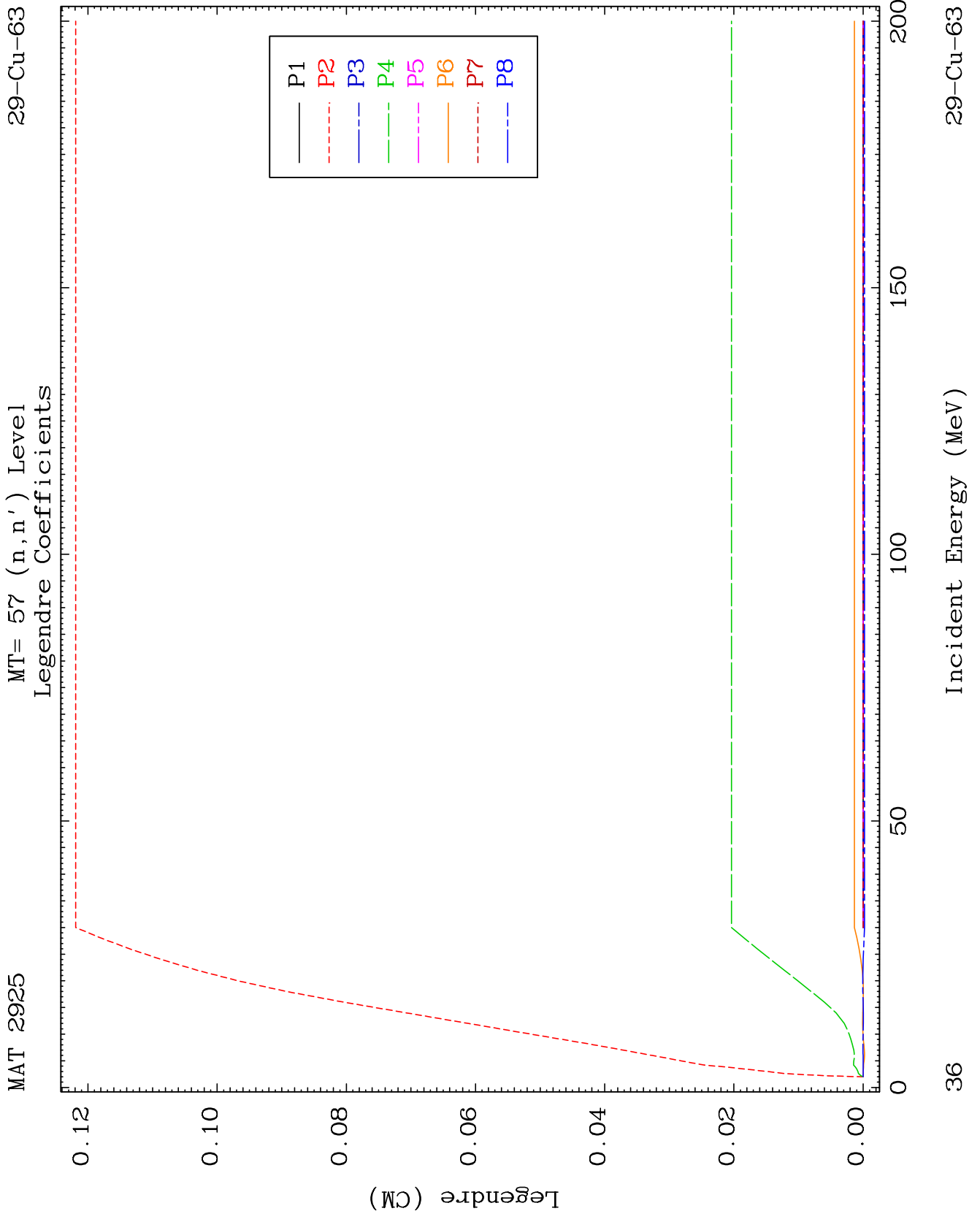


34

Incident Energy (MeV)

29-Cu-63

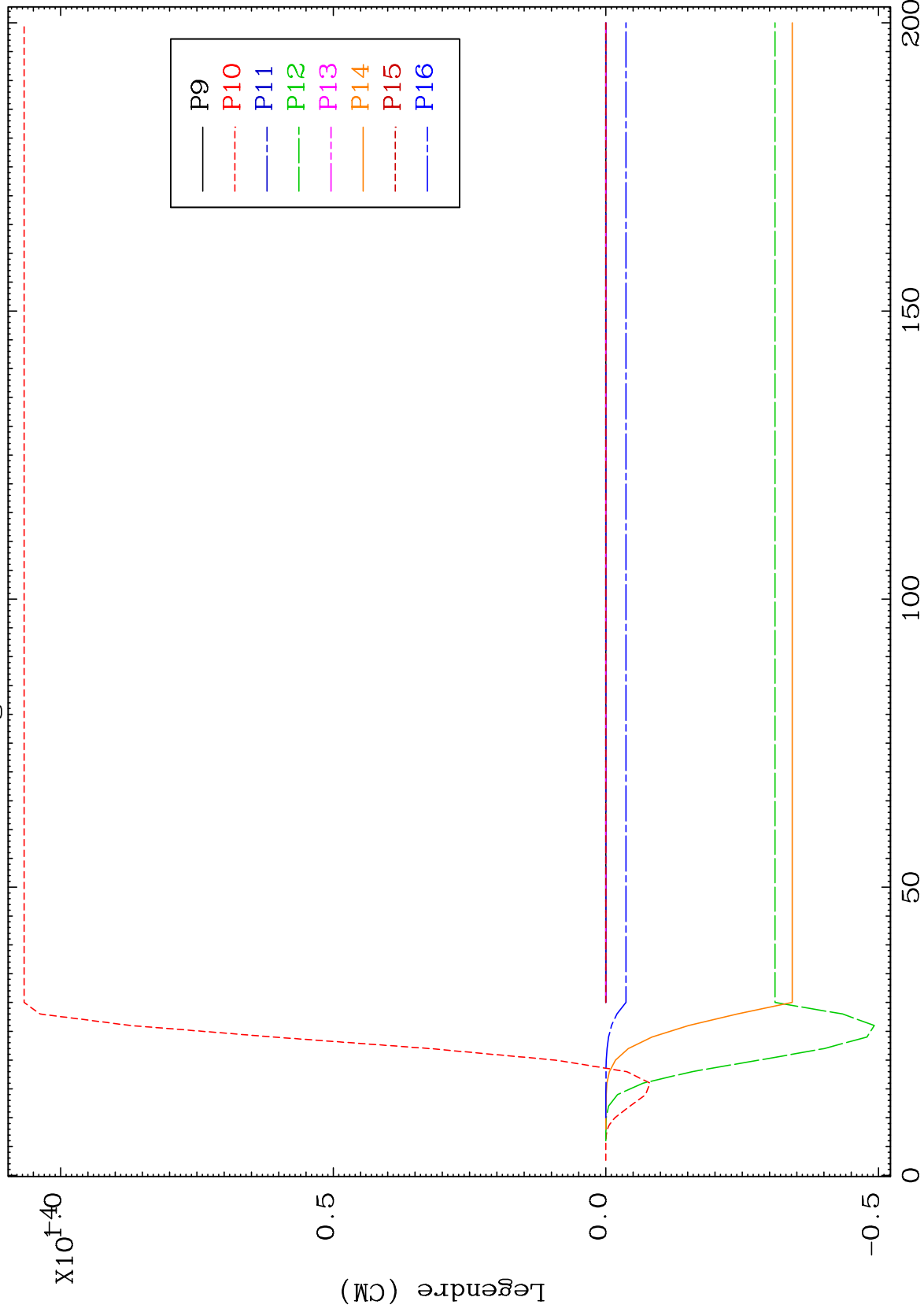




MAT 2925

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

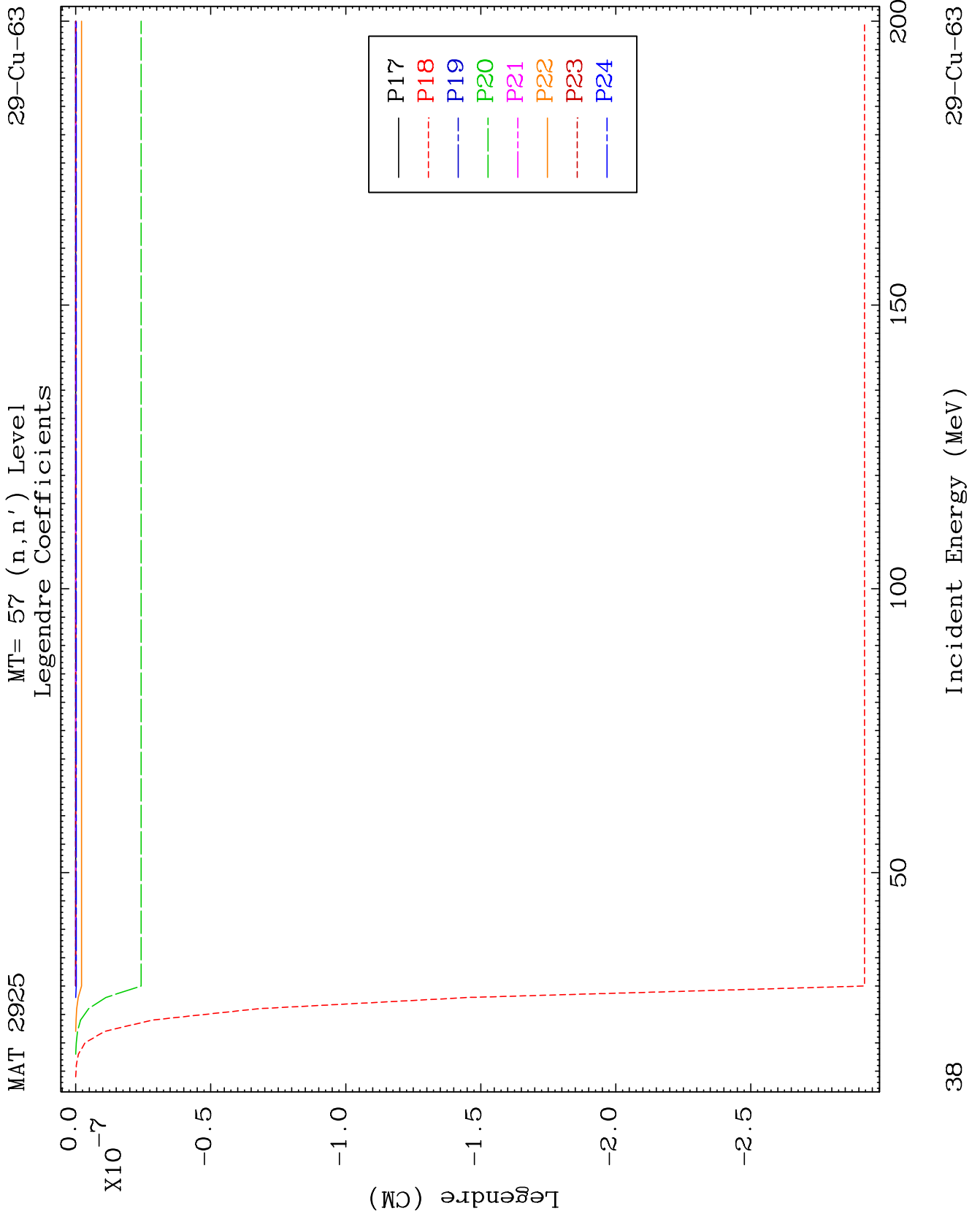
29-Cu-63

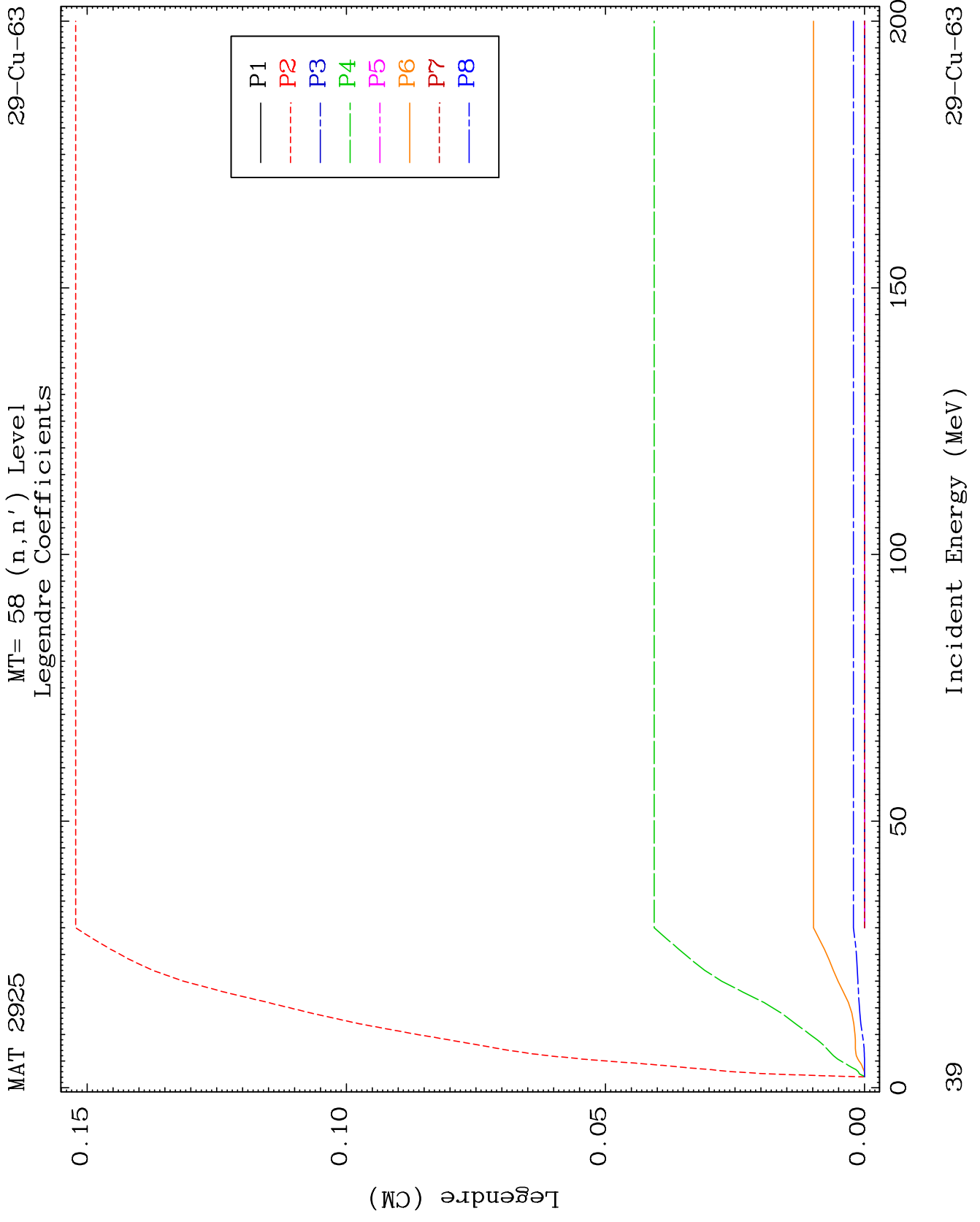


37

Incident Energy (MeV)

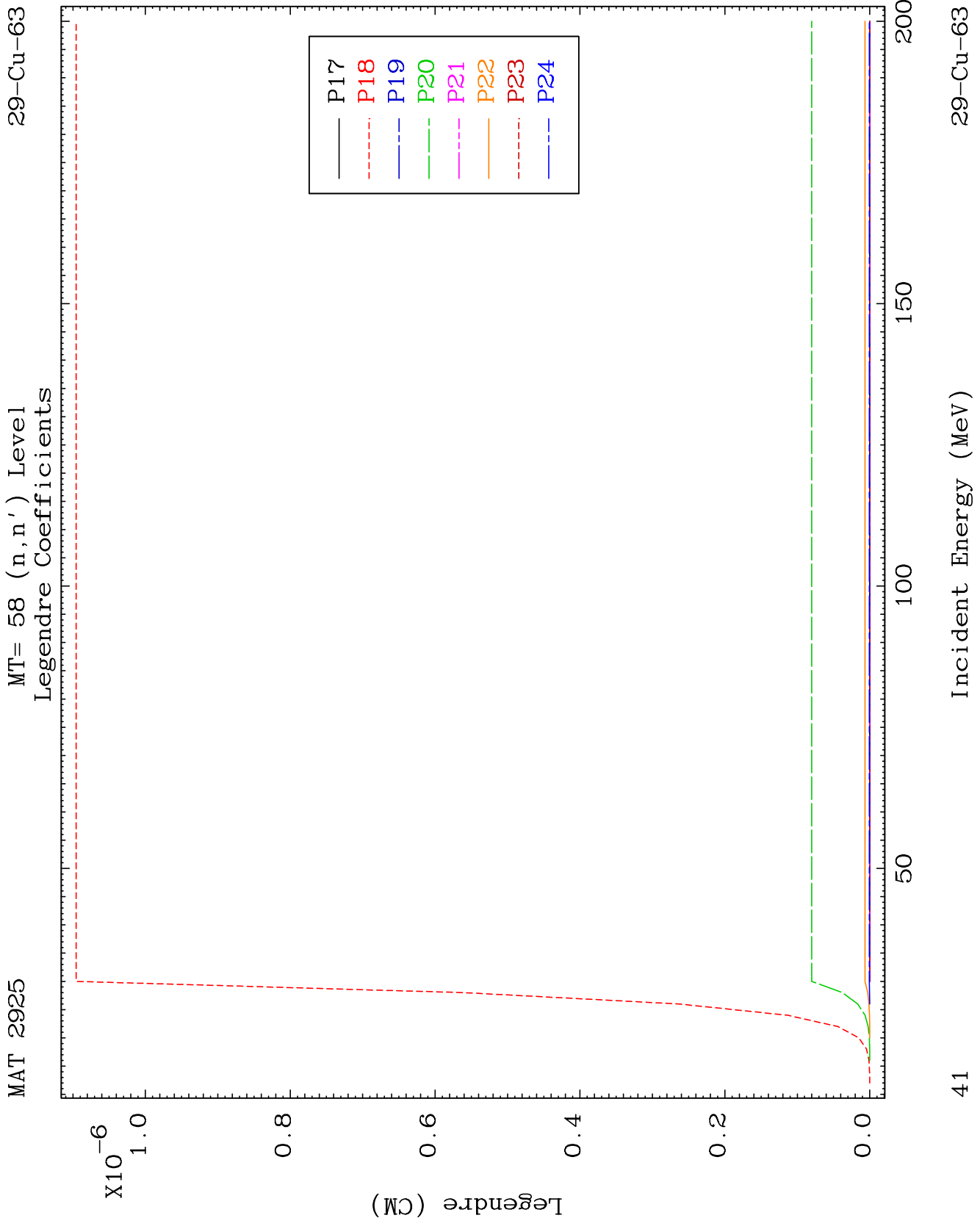
29-Cu-63







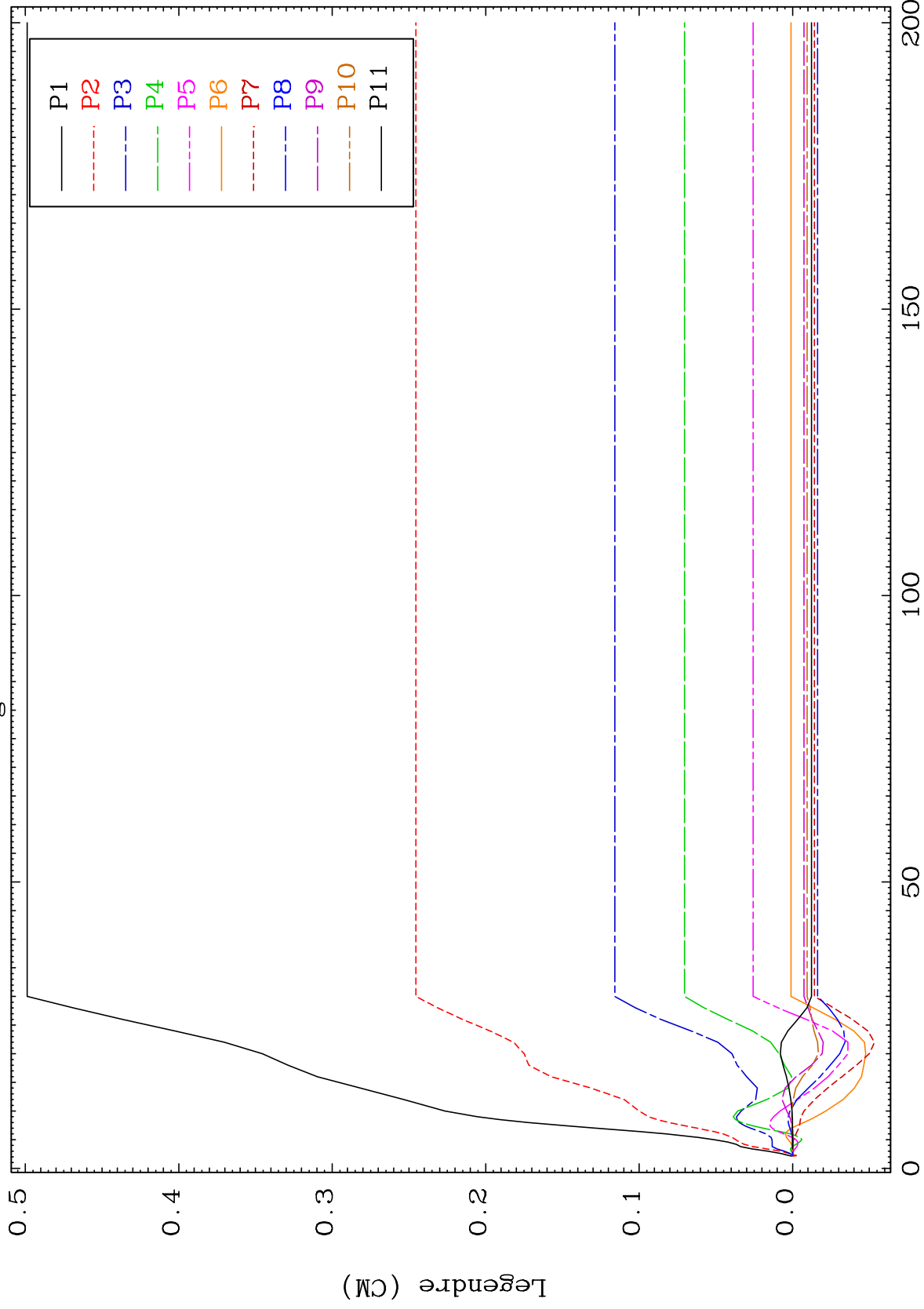




MAT 2925

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

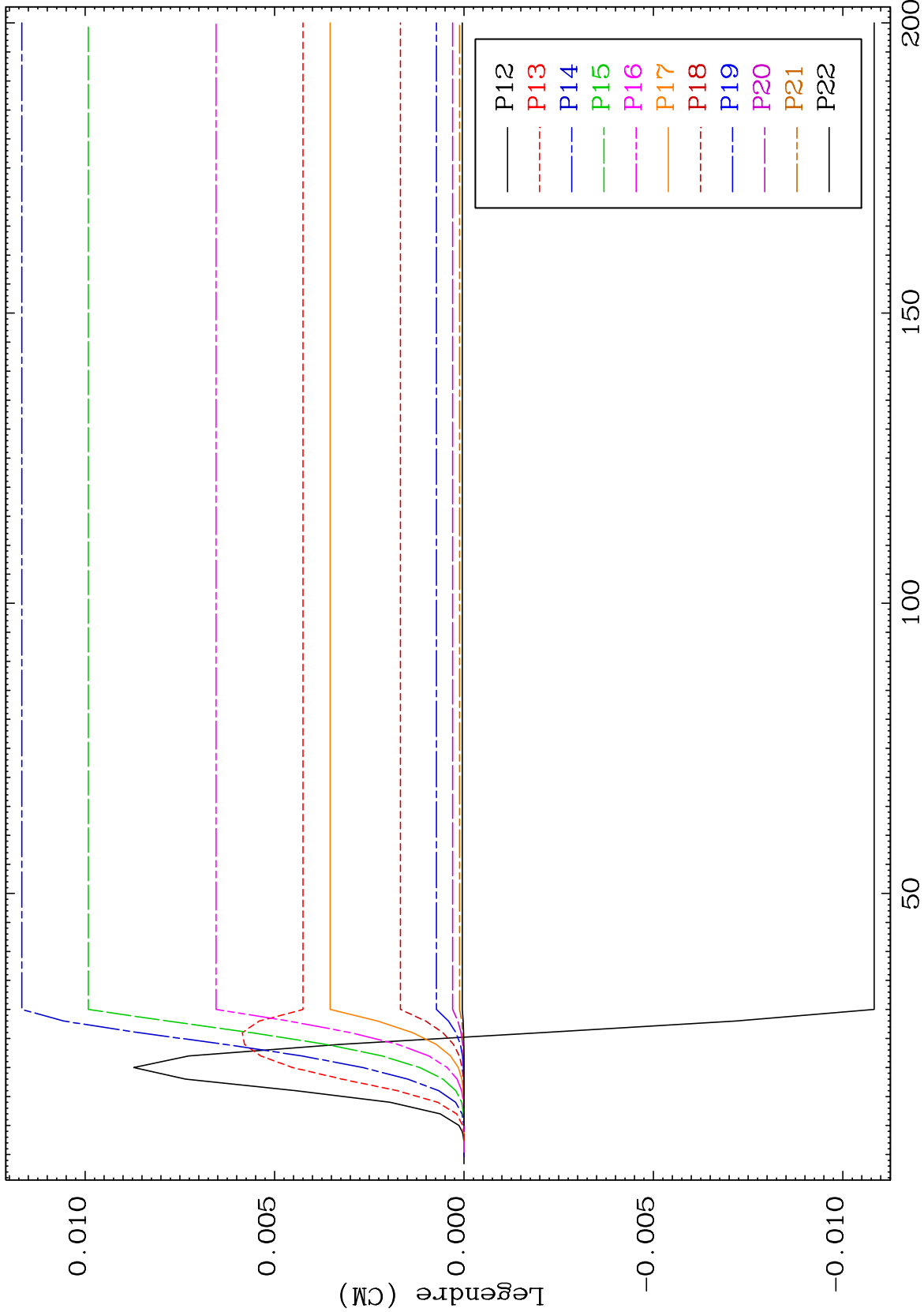
29-Cu-63



42

Incident Energy (MeV)

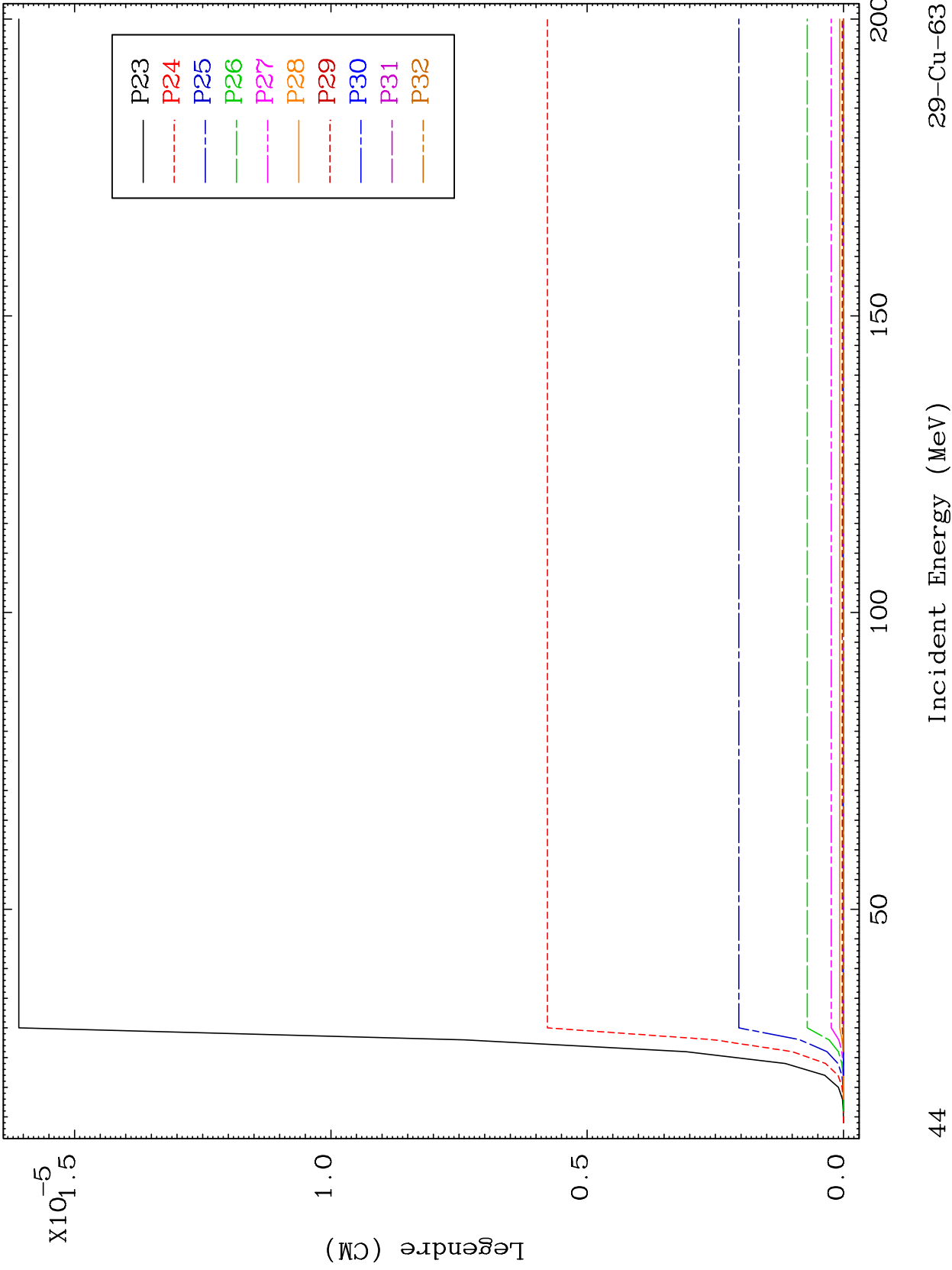
29-Cu-63



MAT 2925

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

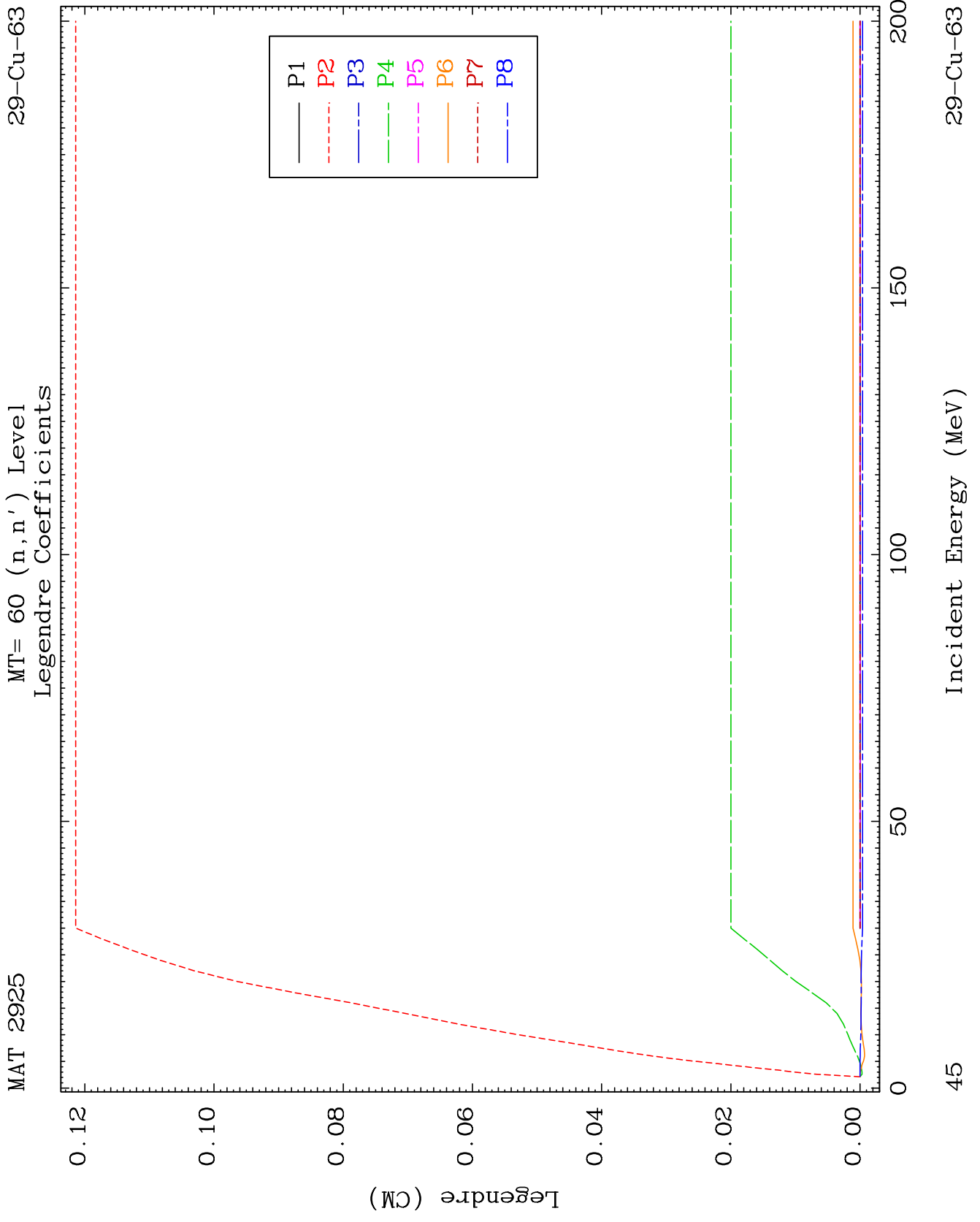
29-Cu-63

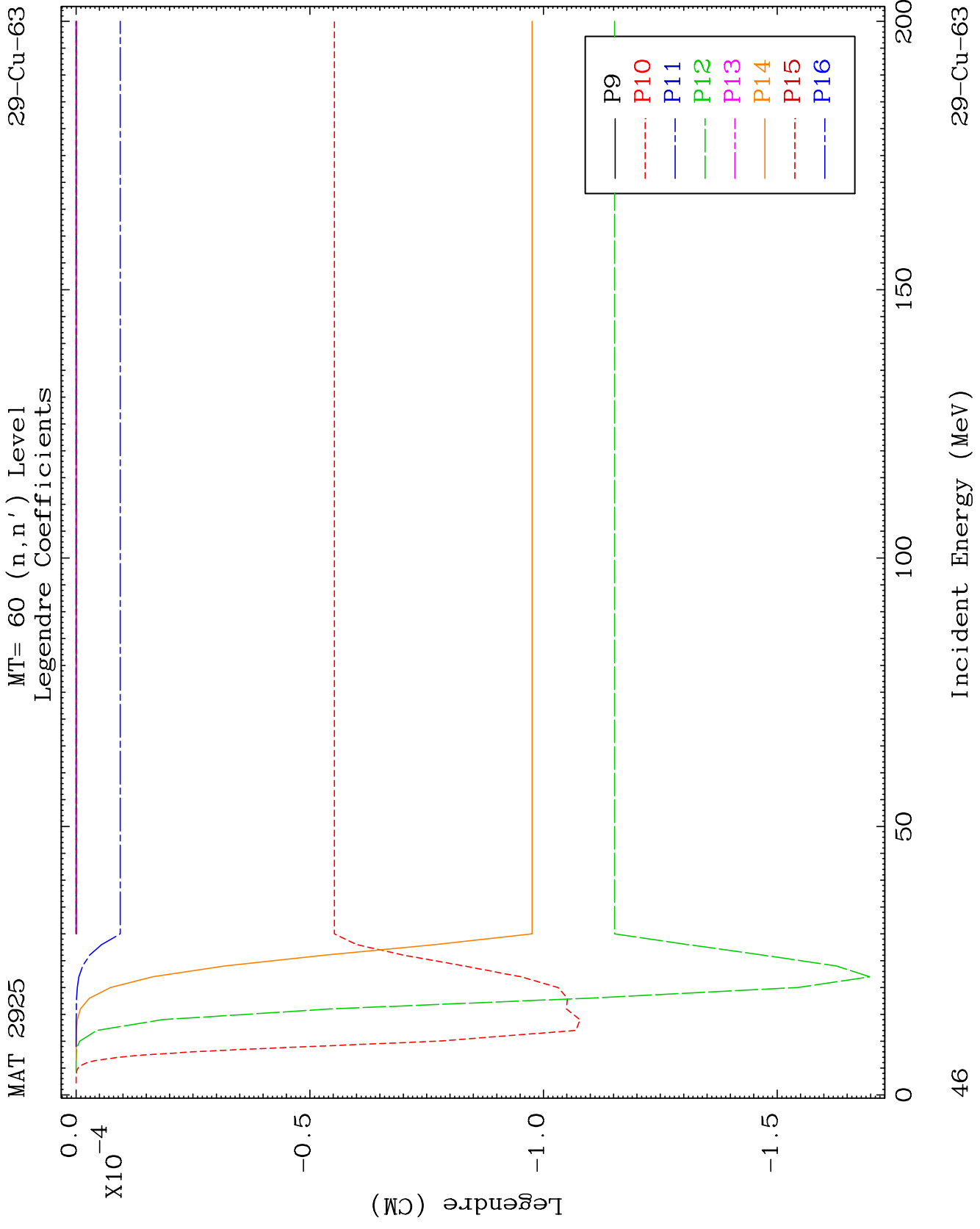


44

Incident Energy (MeV)

29-Cu-63

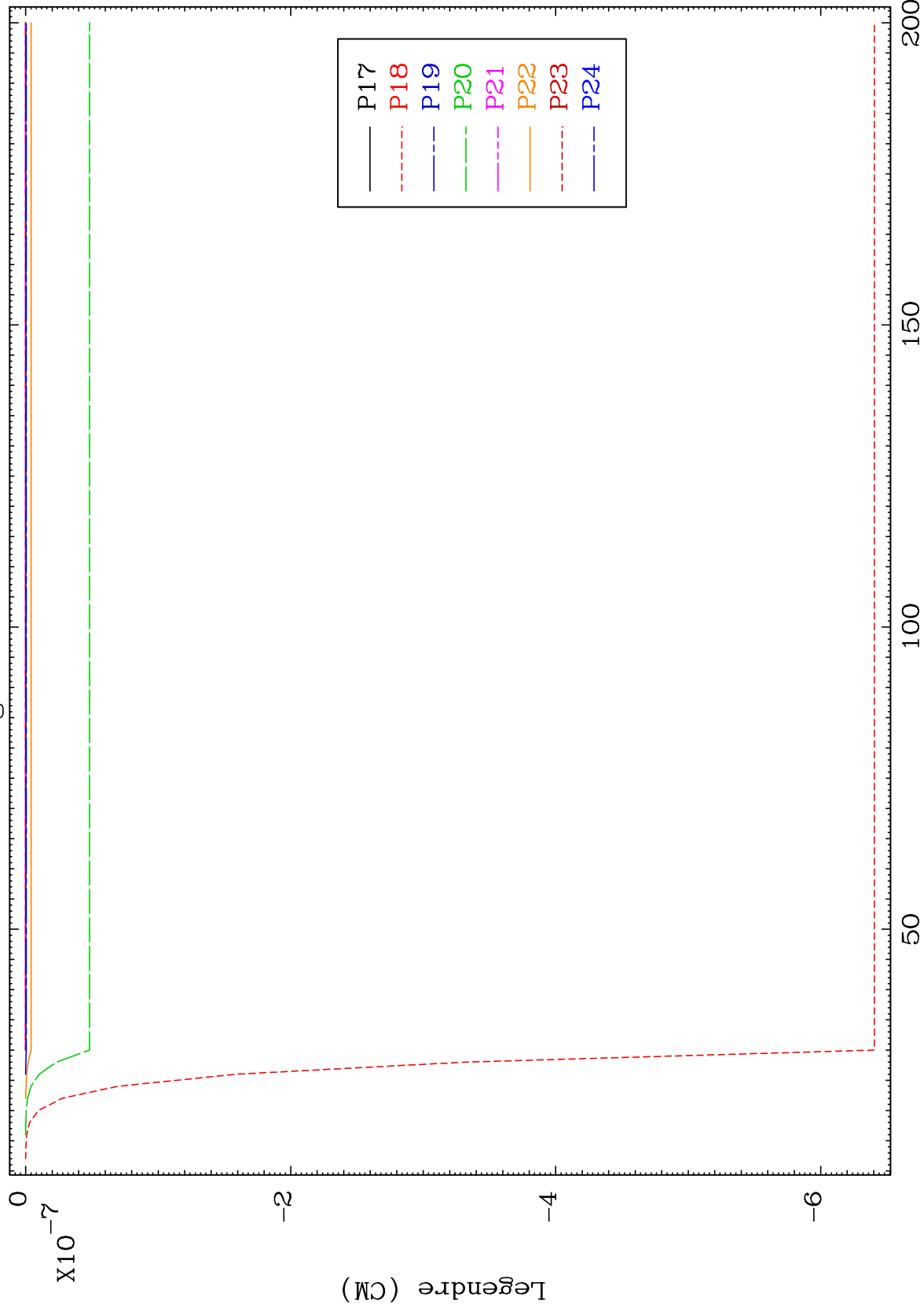




MAT 2925

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

29-Cu-63



29-Cu-63

Incident Energy (MeV)

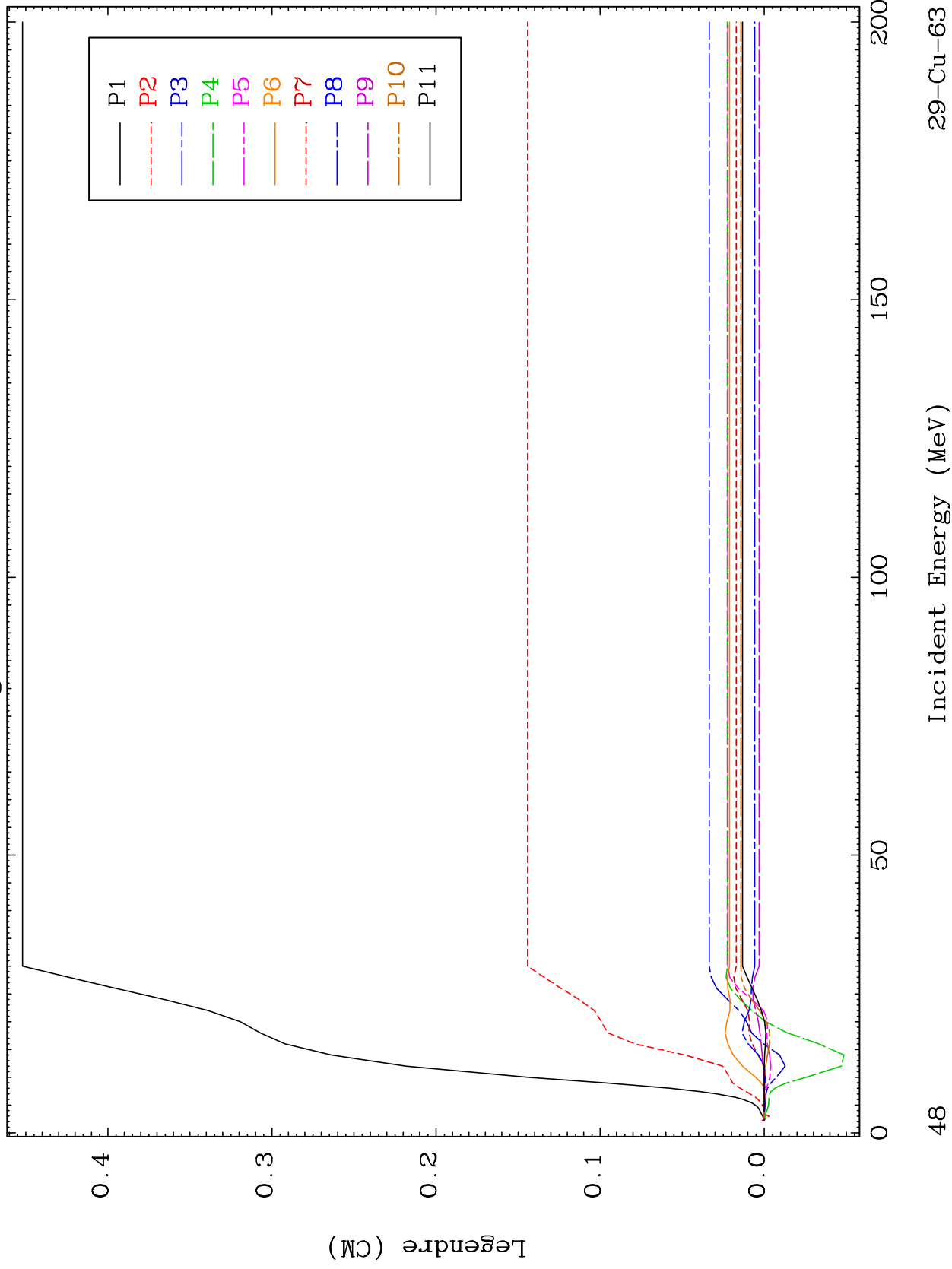
47



MAT 2925

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

29-Cu-63



48

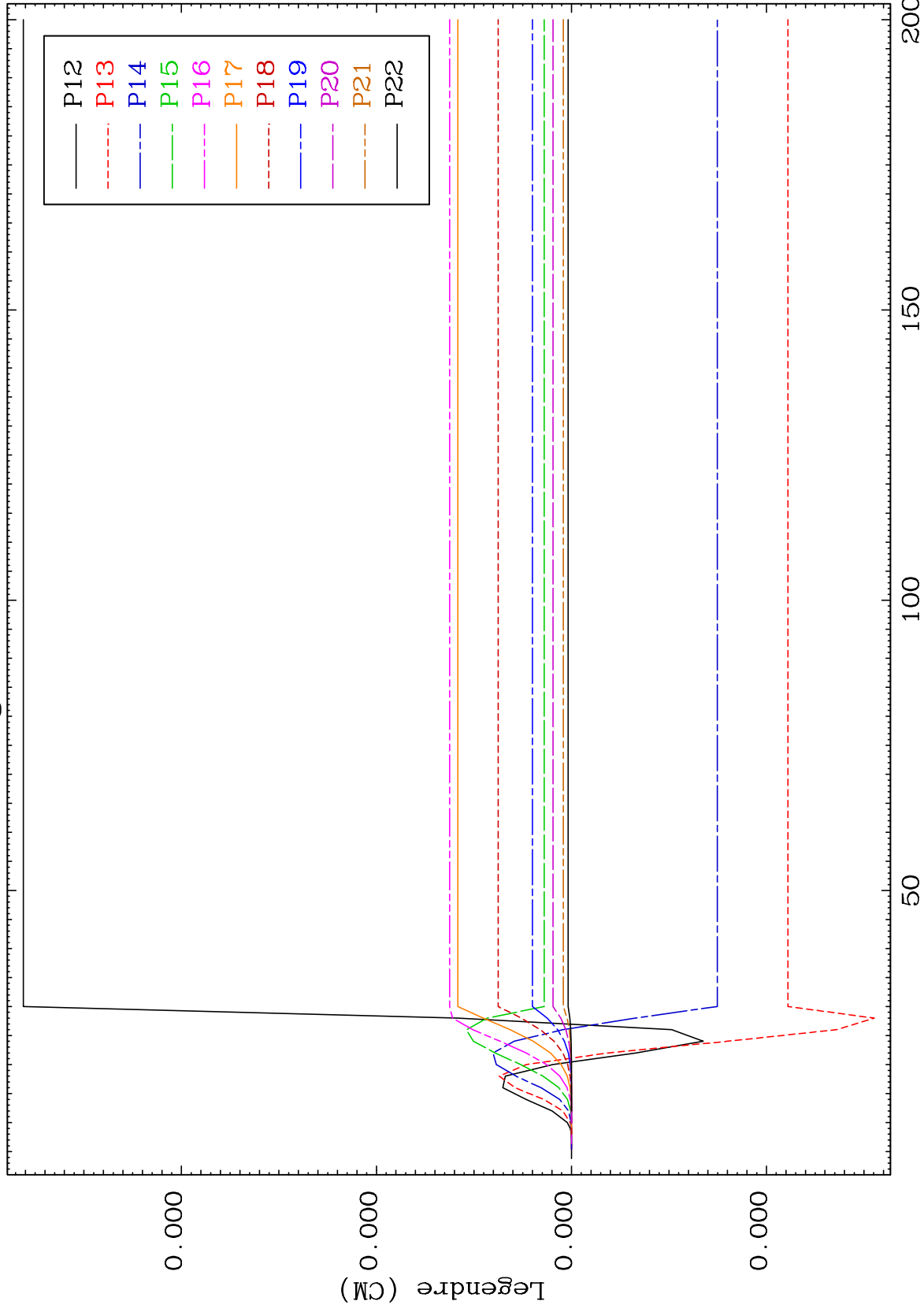
Incident Energy (MeV)

29-Cu-63

MAT 2925

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

29-Cu-63



49

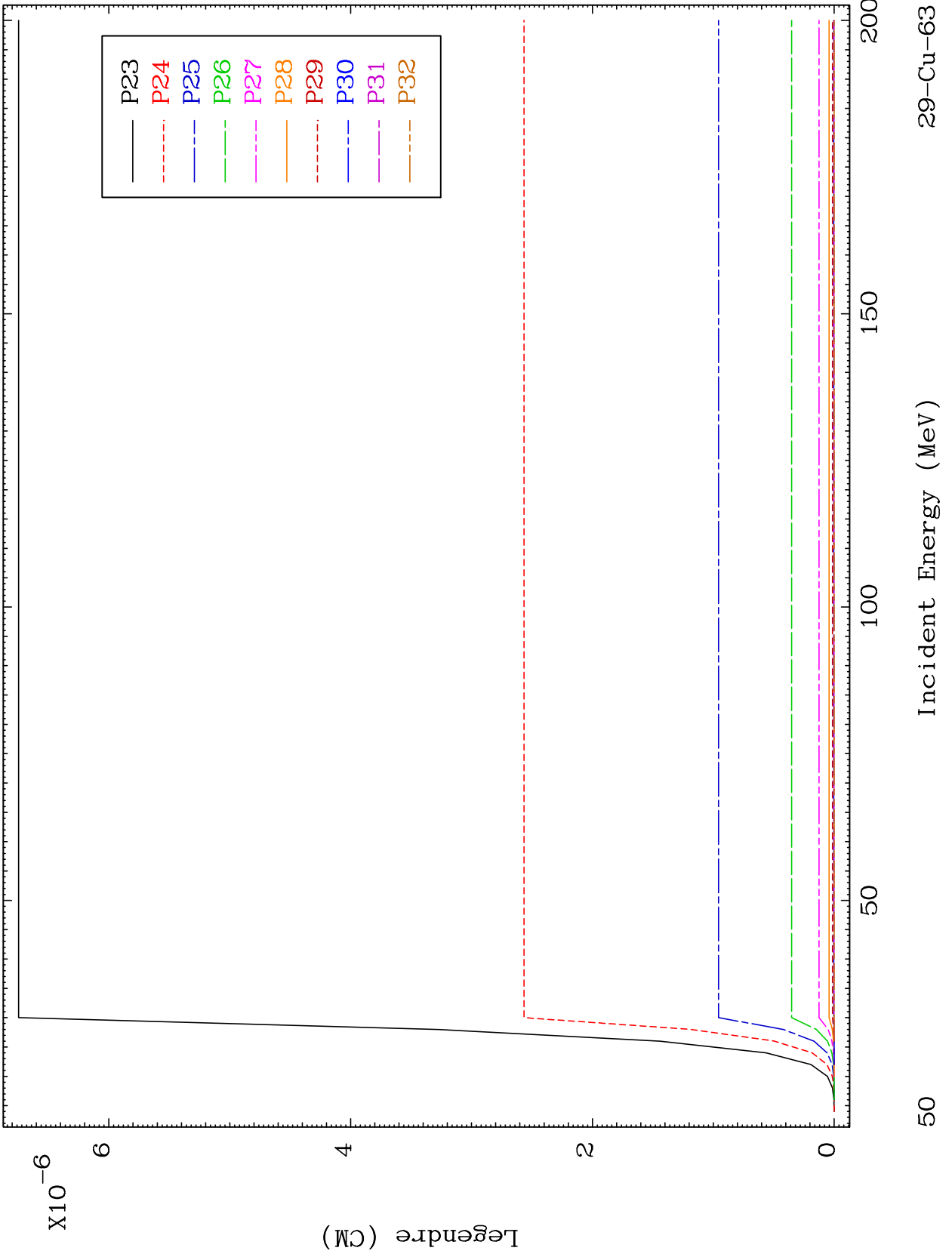
Incident Energy (MeV)

29-Cu-63

MAT 2925

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

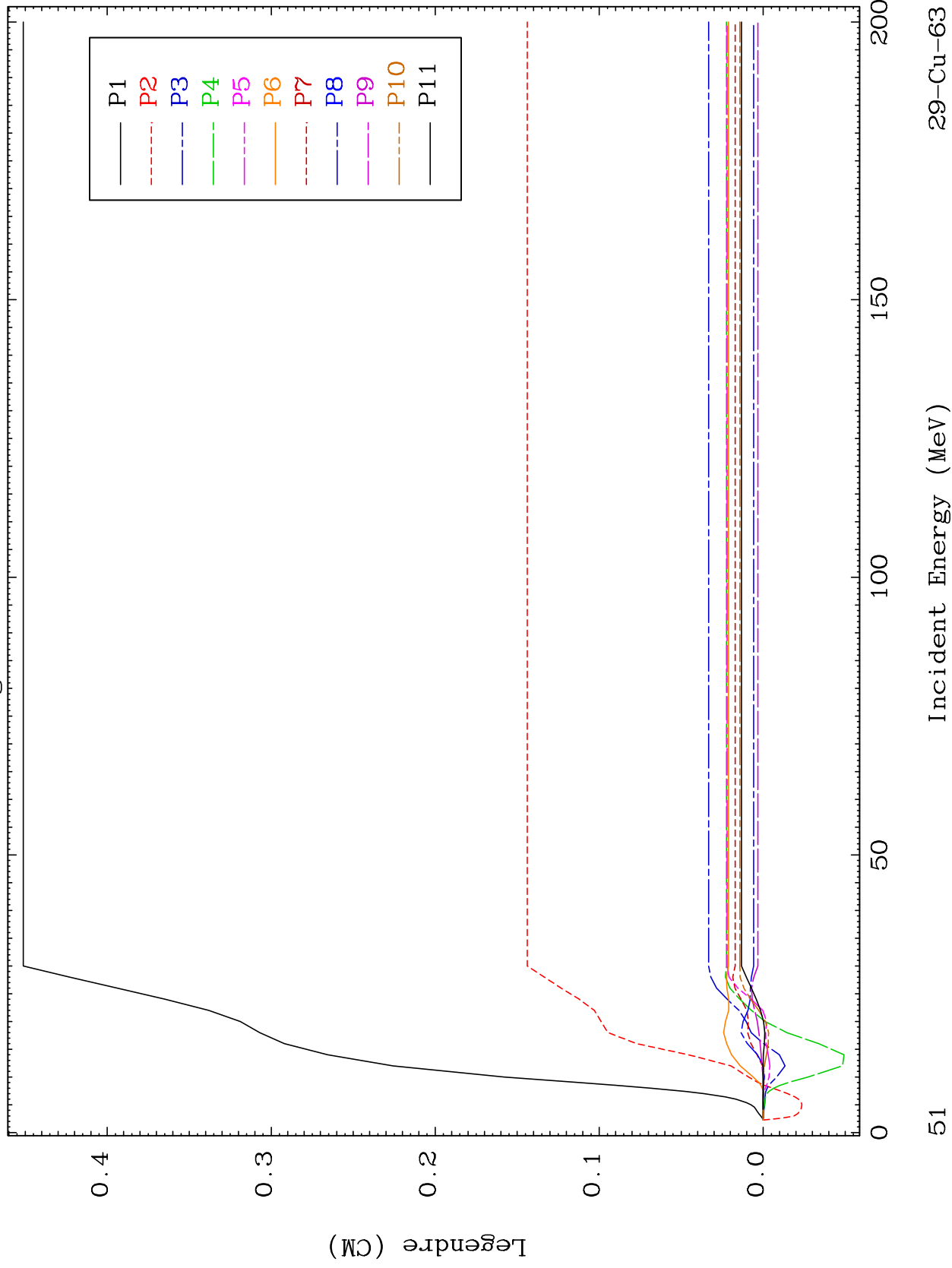
29-Cu-63



MAT 2925

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

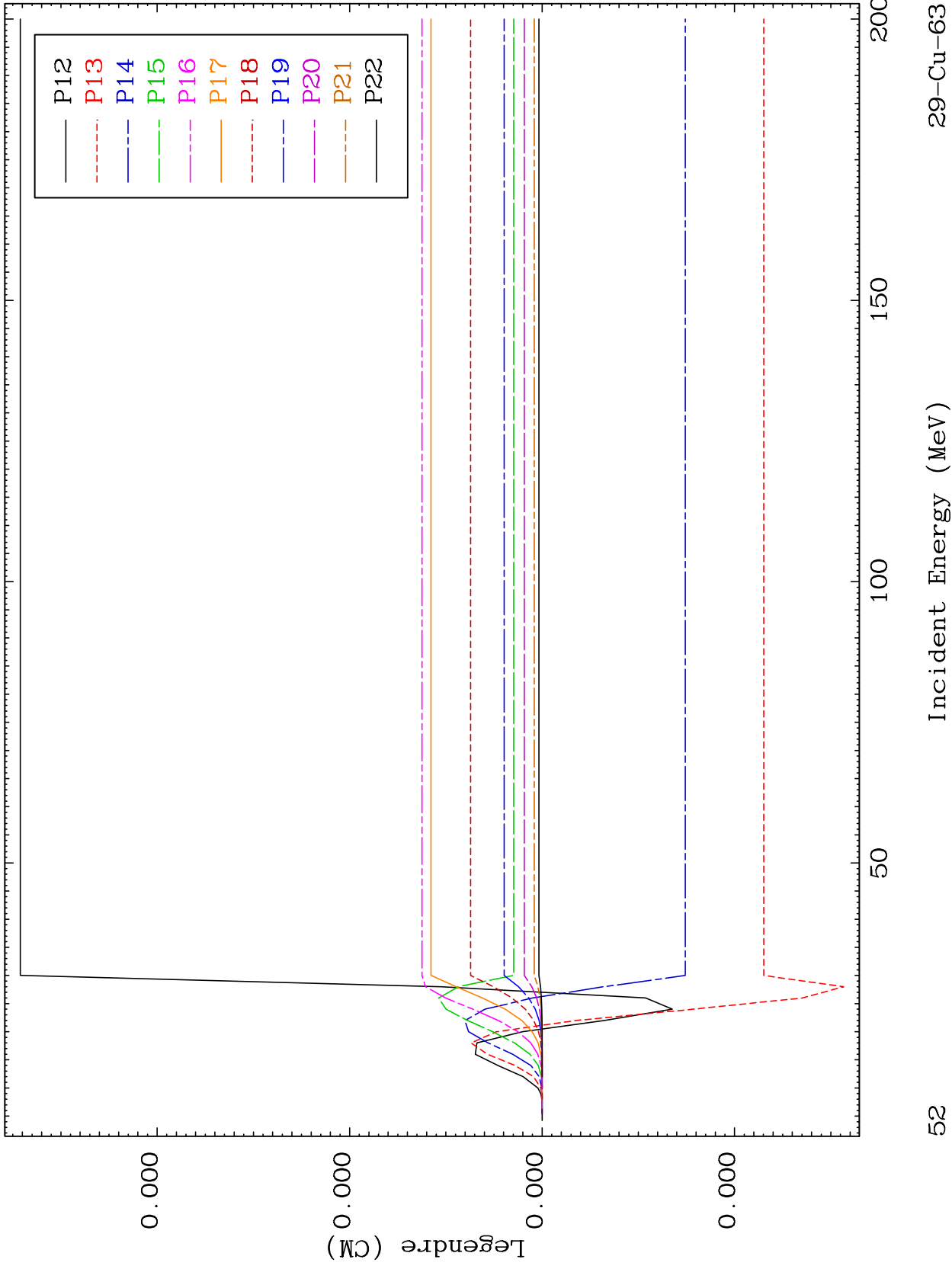
29-Cu-63



MAT 2925

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

29-Cu-63



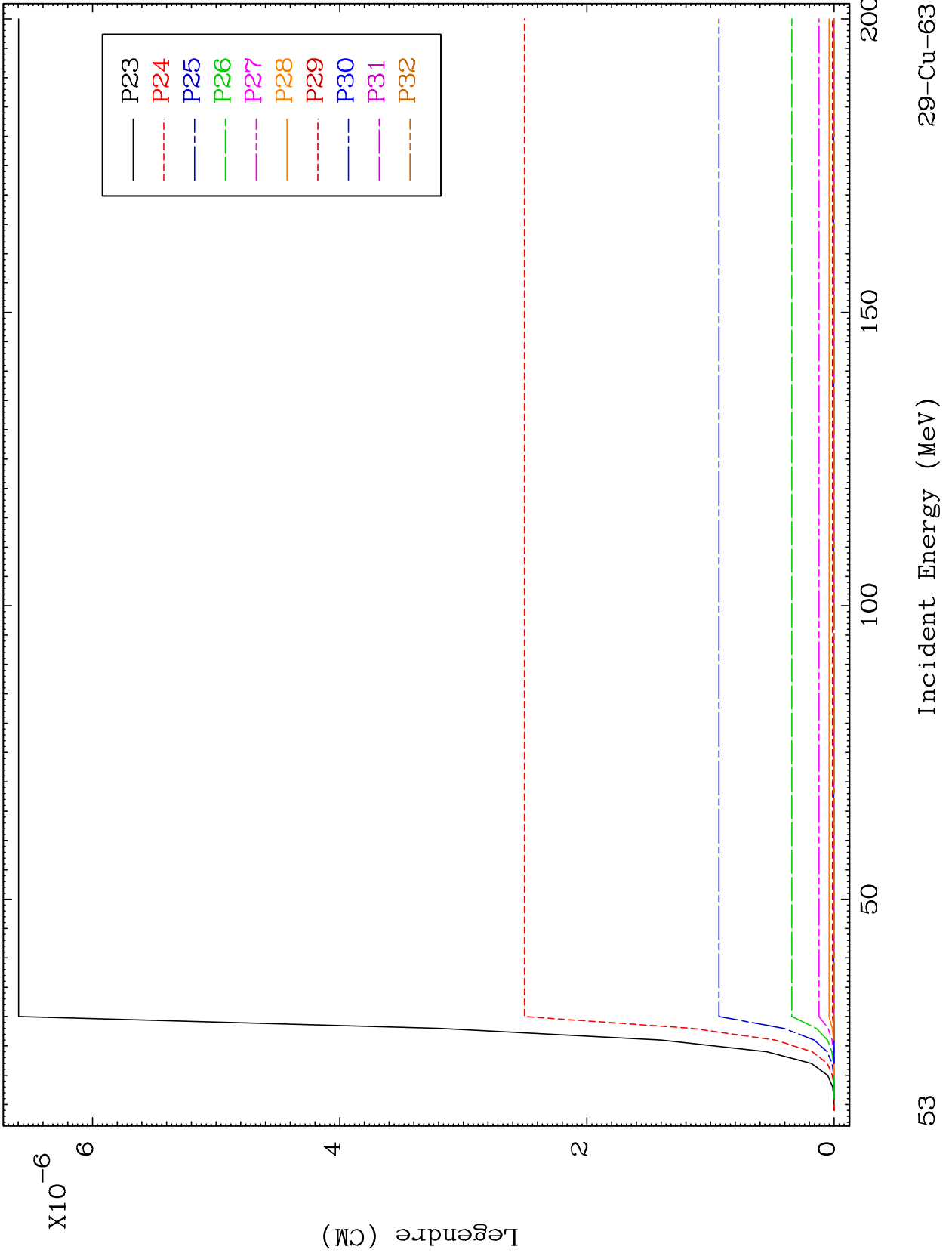
52

29-Cu-63

MAT 2925

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

29-Cu-63

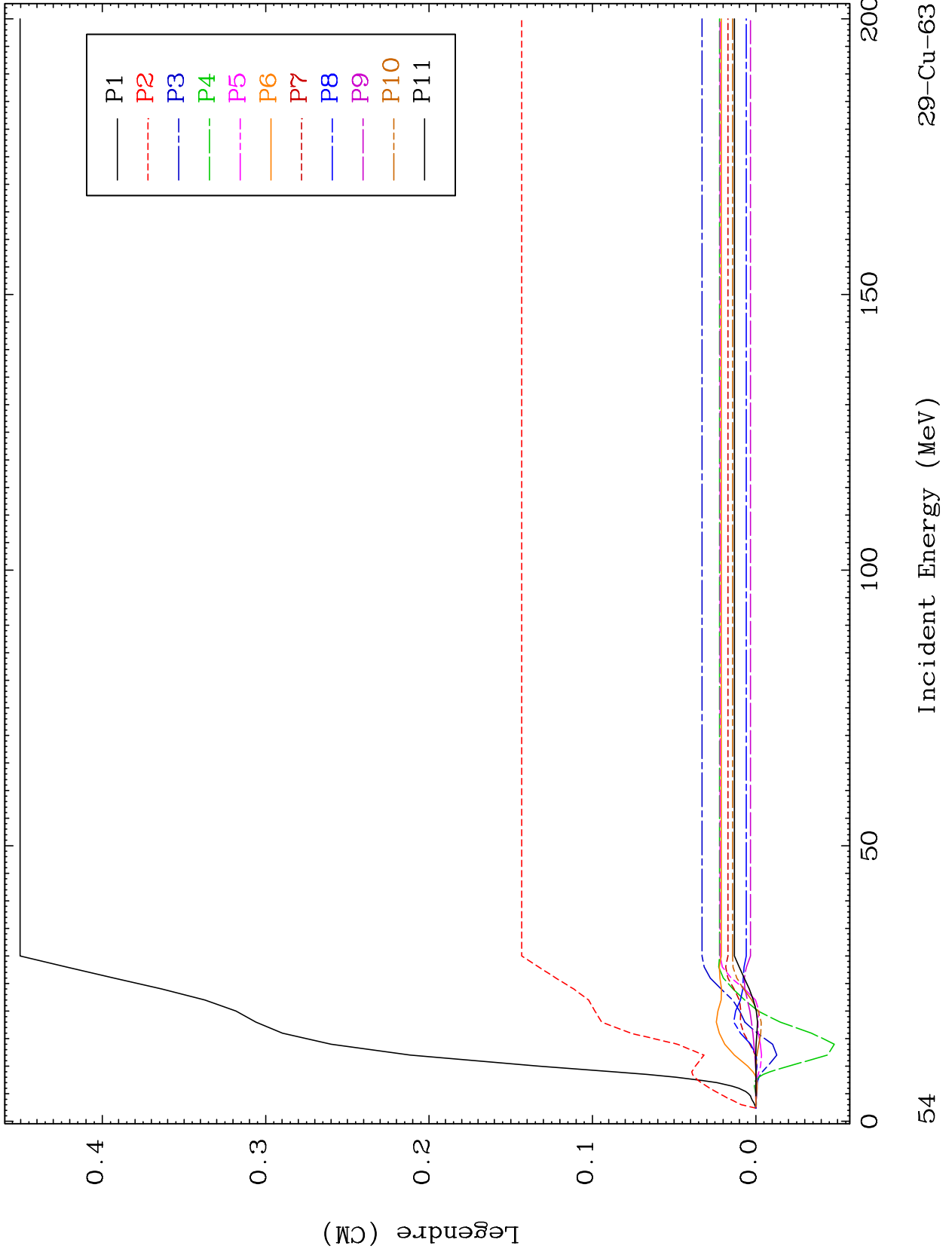


53

MAT 2925

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

29-Cu-63



54

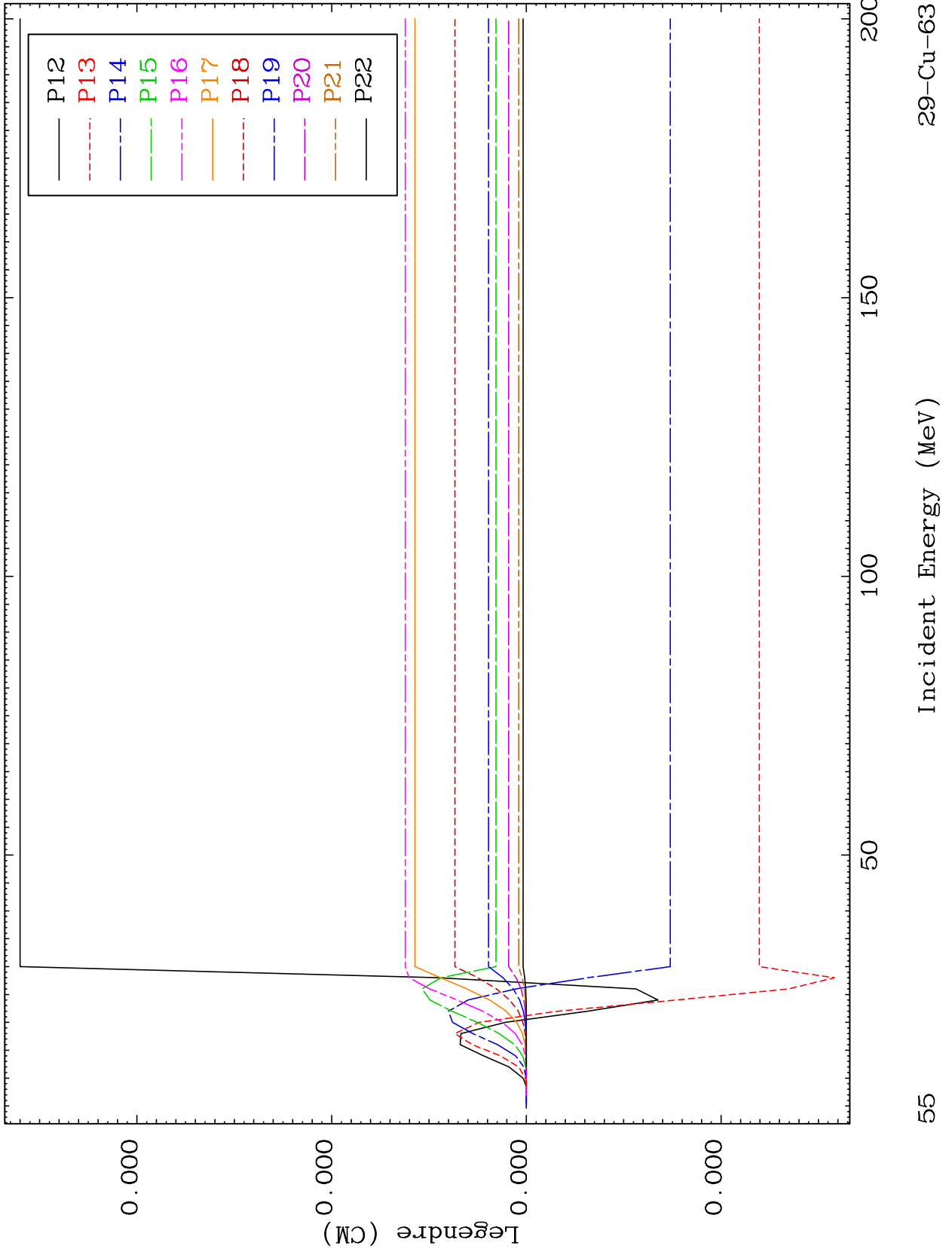
Incident Energy (MeV)

29-Cu-63

MAT 2925

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

29-Cu-63



55

Incident Energy (MeV)

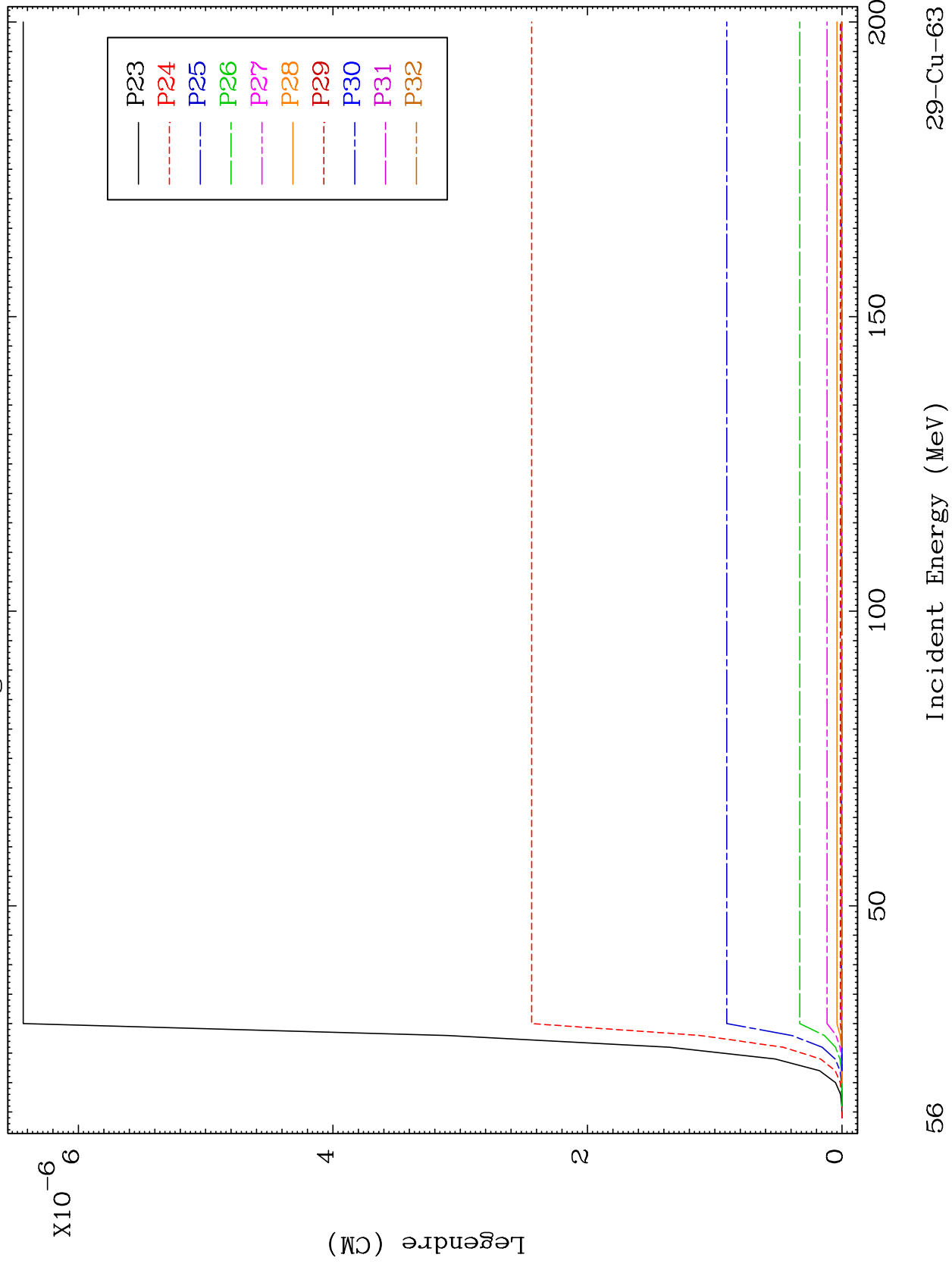
29-Cu-63



MAT 2925

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

29-Cu-63



56

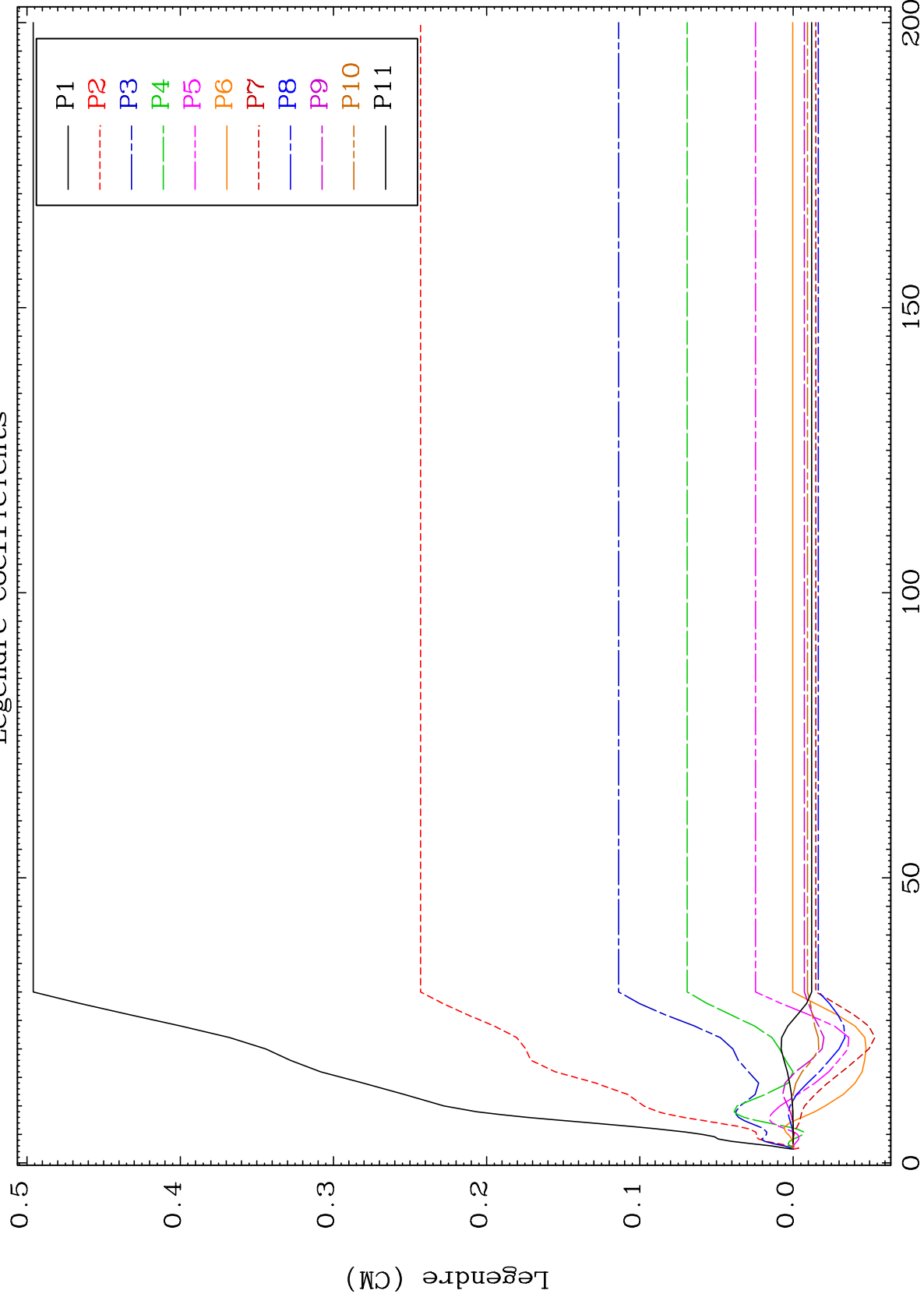
Incident Energy (MeV)

29-Cu-63

MAT 2925

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

29-Cu-63



57

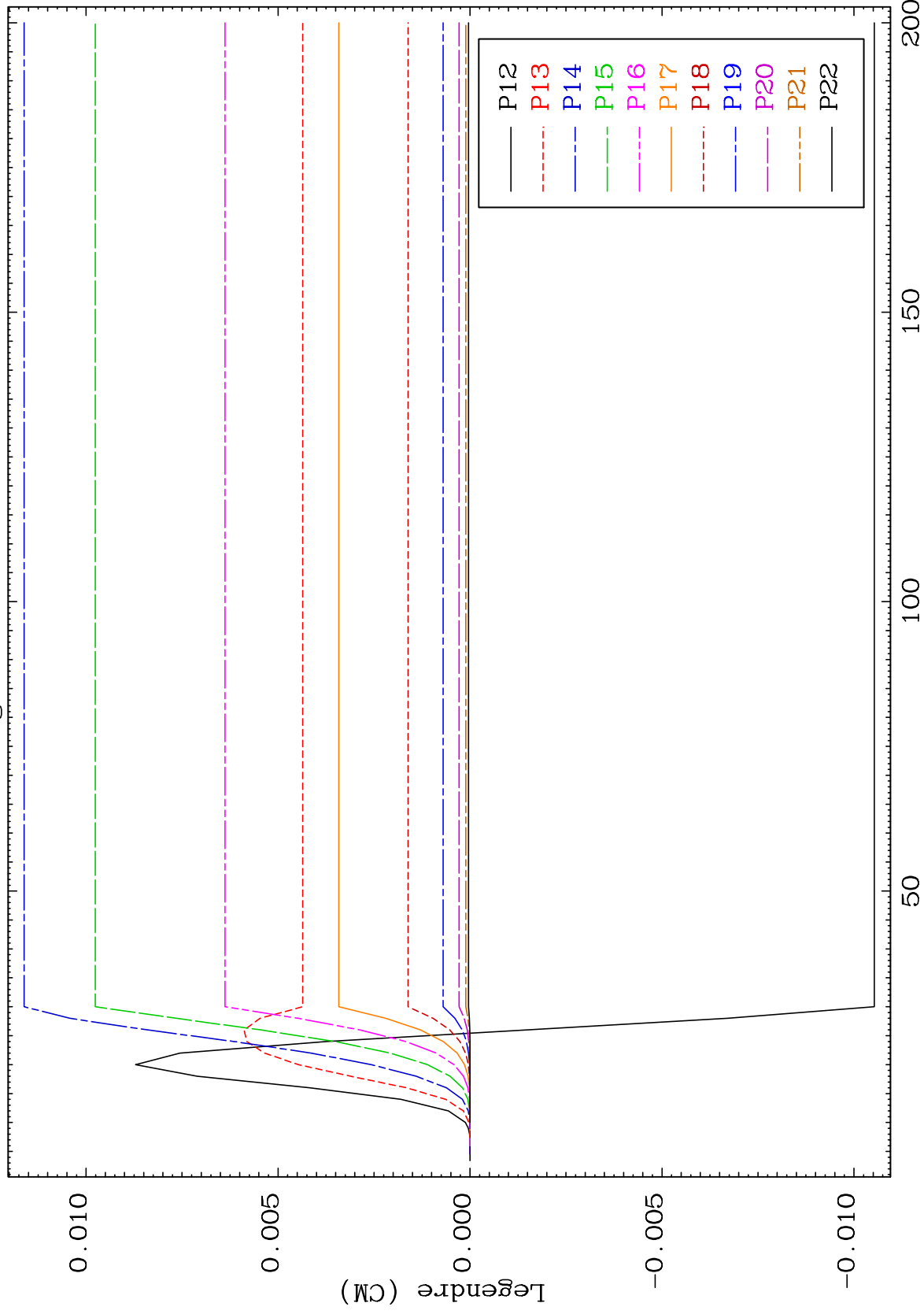
Incident Energy (MeV)

29-Cu-63

MAT 2925

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

29-Cu-63



58

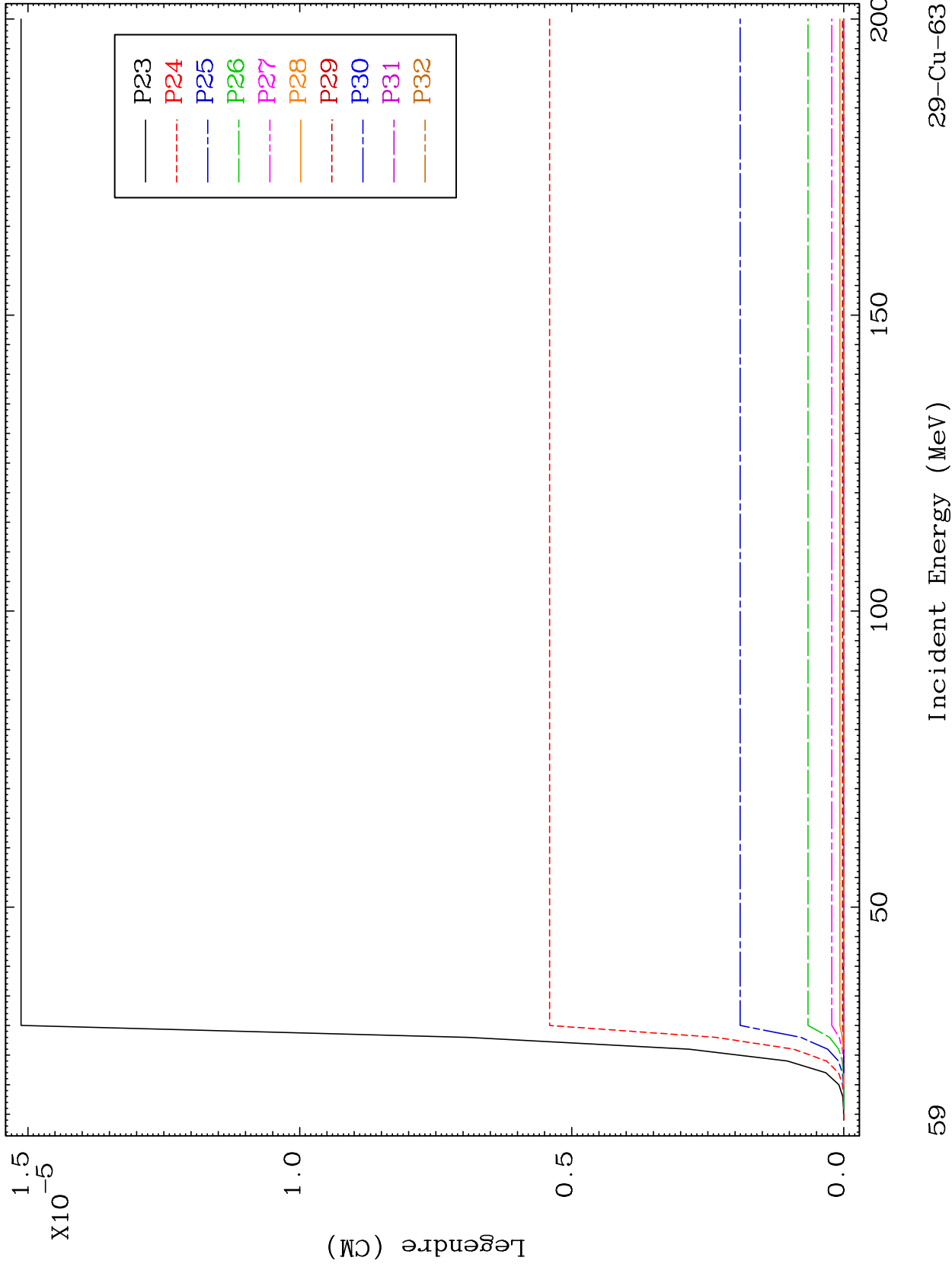
Incident Energy (MeV)

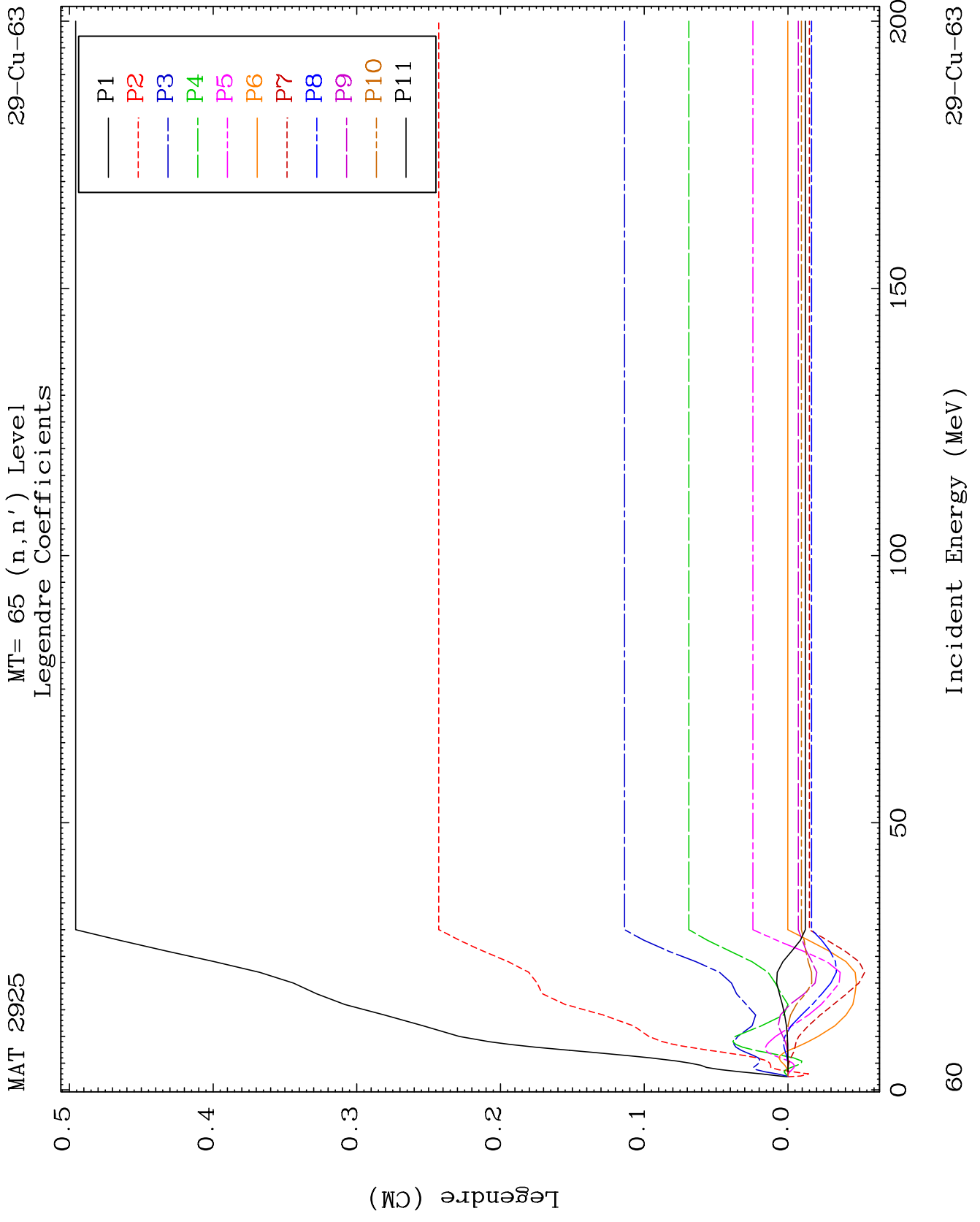
29-Cu-63

MAT 2925

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

29-Cu-63

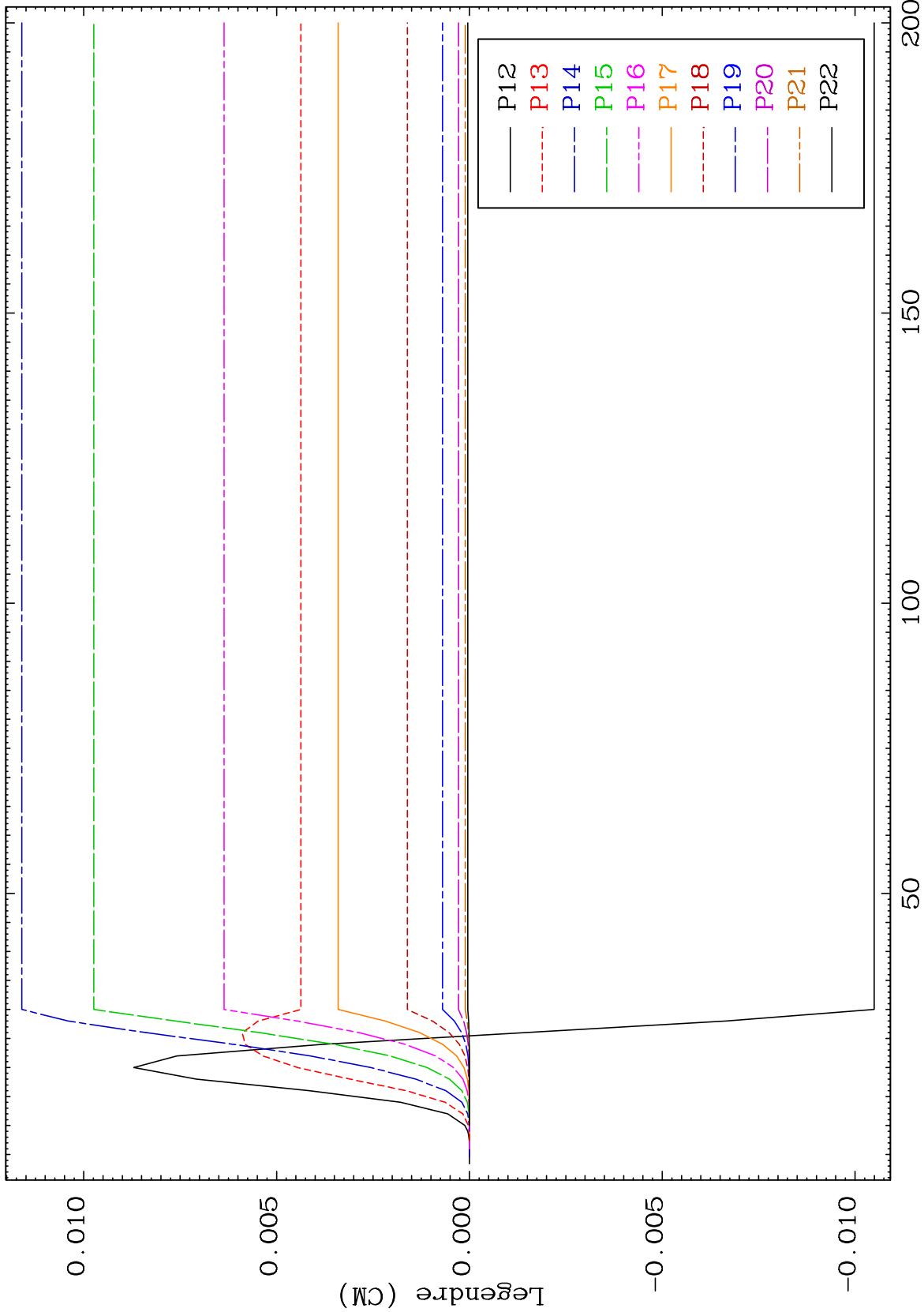




MAT 2925

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

29-Cu-63



61

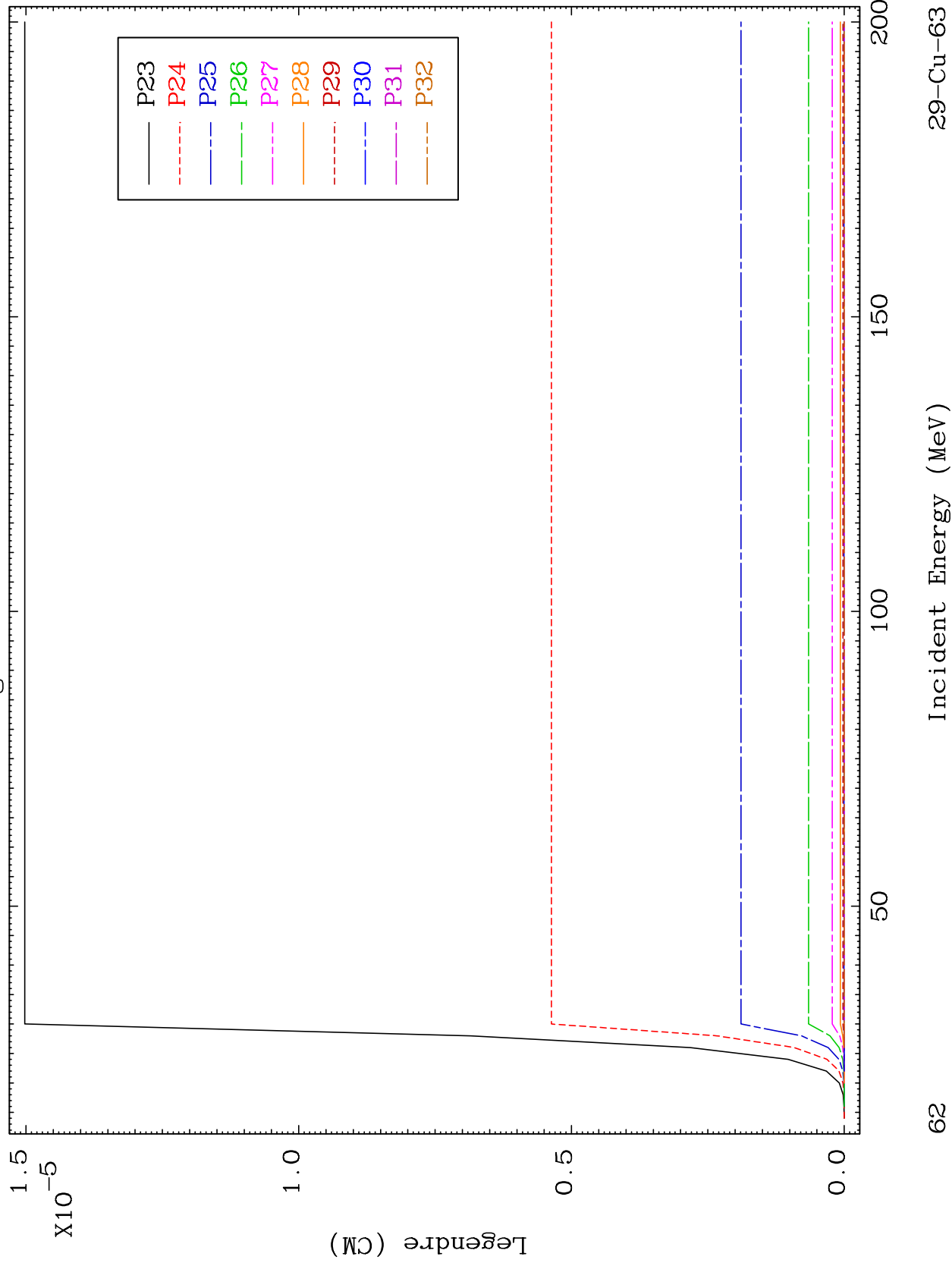
Incident Energy (MeV)

29-Cu-63

MAT 2925

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

29-Cu-63



62

Incident Energy (MeV)

29-Cu-63

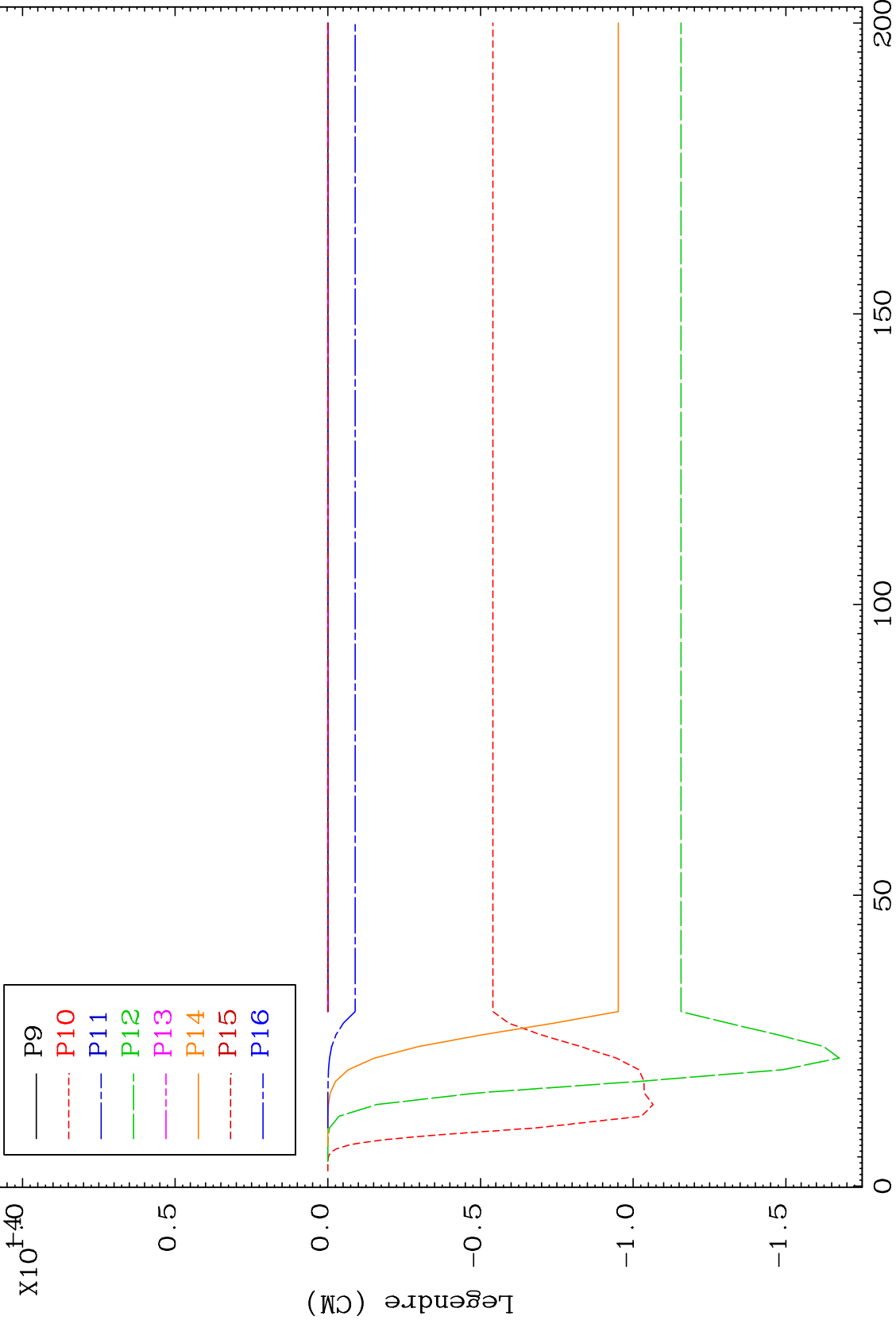
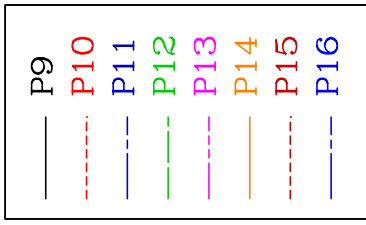




MAT 2925

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

29-Cu-63



64

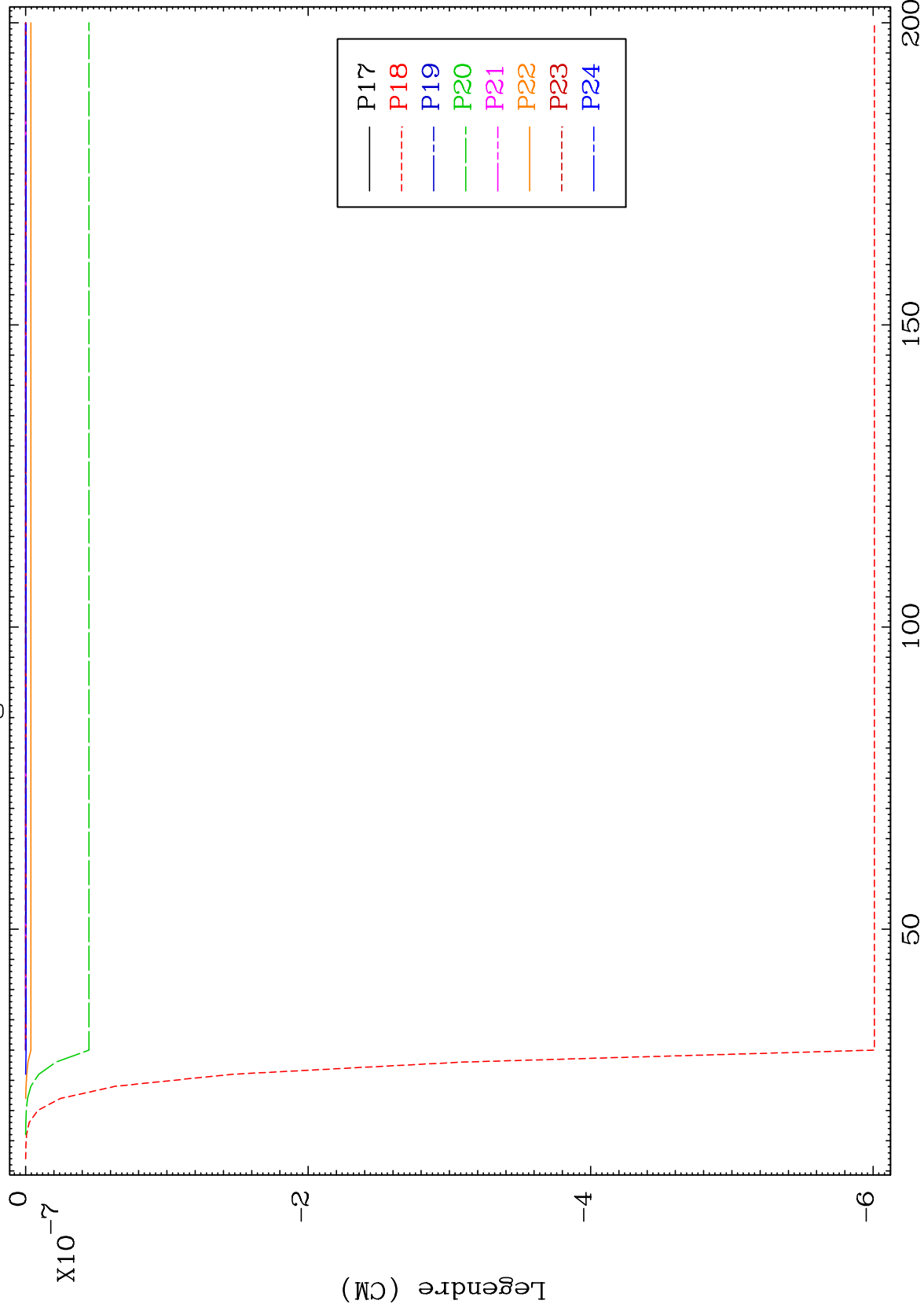
Incident Energy (MeV)

29-Cu-63

MAT 2925

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

29-Cu-63



29-Cu-63

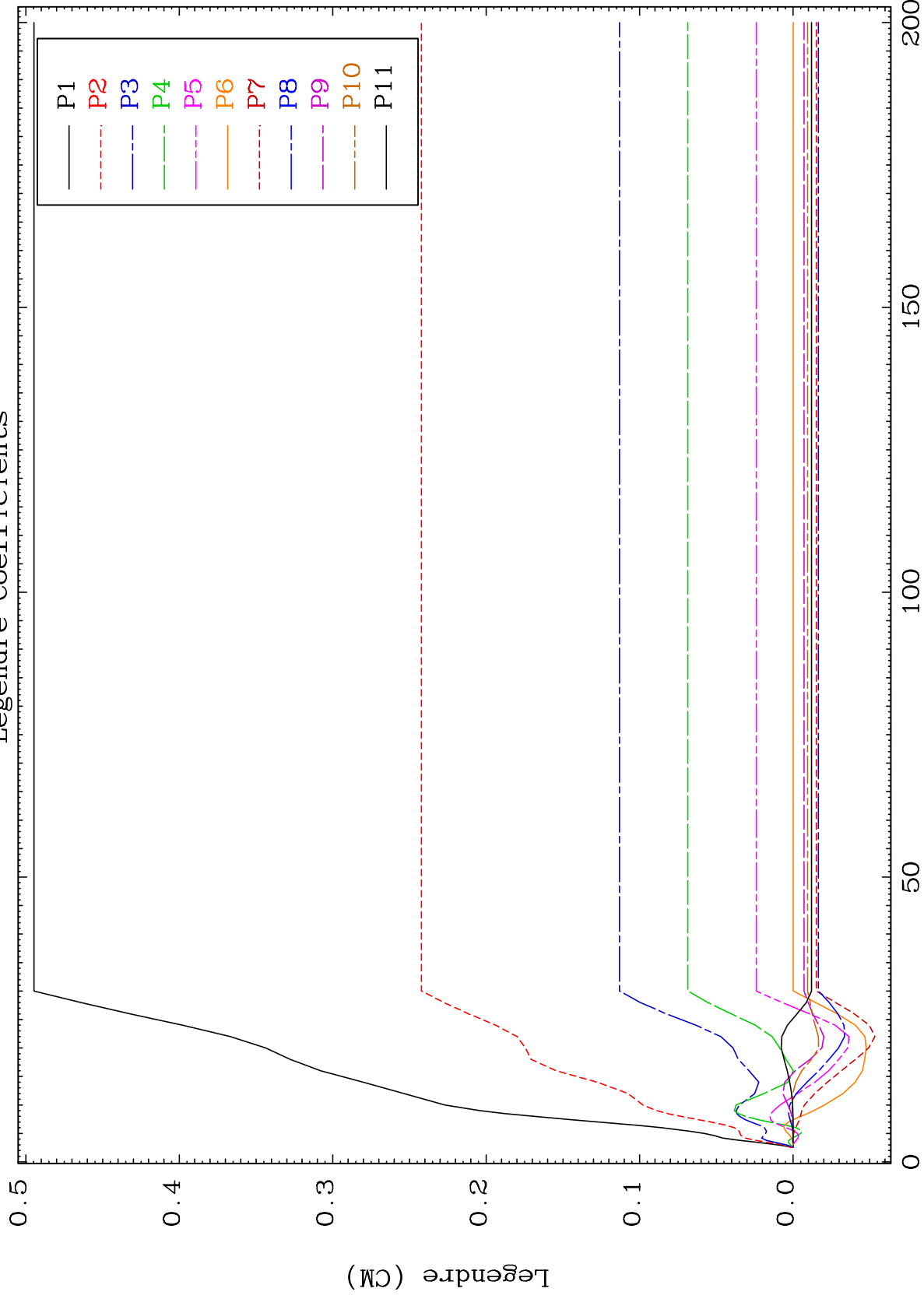
Incident Energy (MeV)

65

MAT 2925

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

29-Cu-63



66

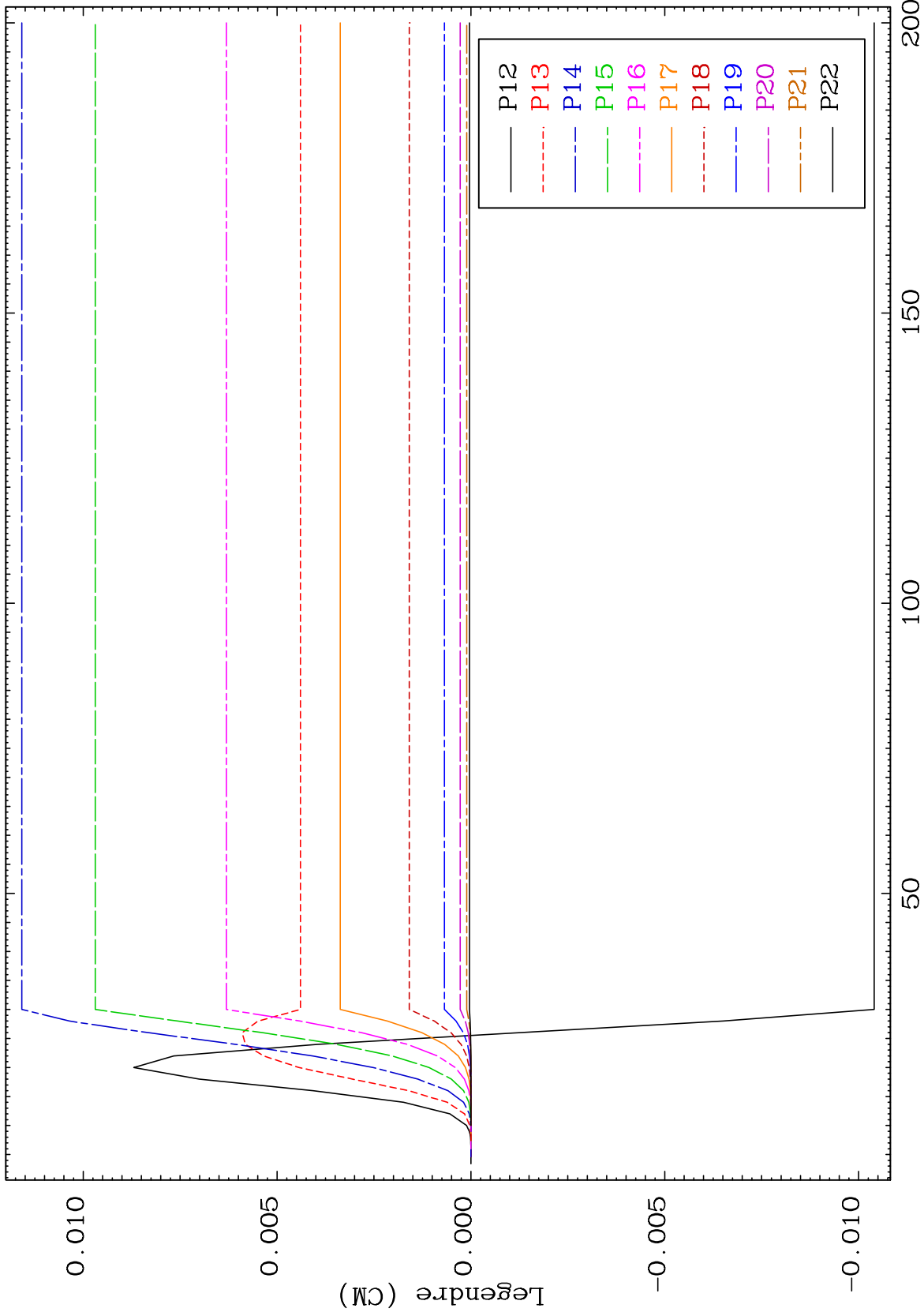
Incident Energy (MeV)

29-Cu-63

MAT 2925

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

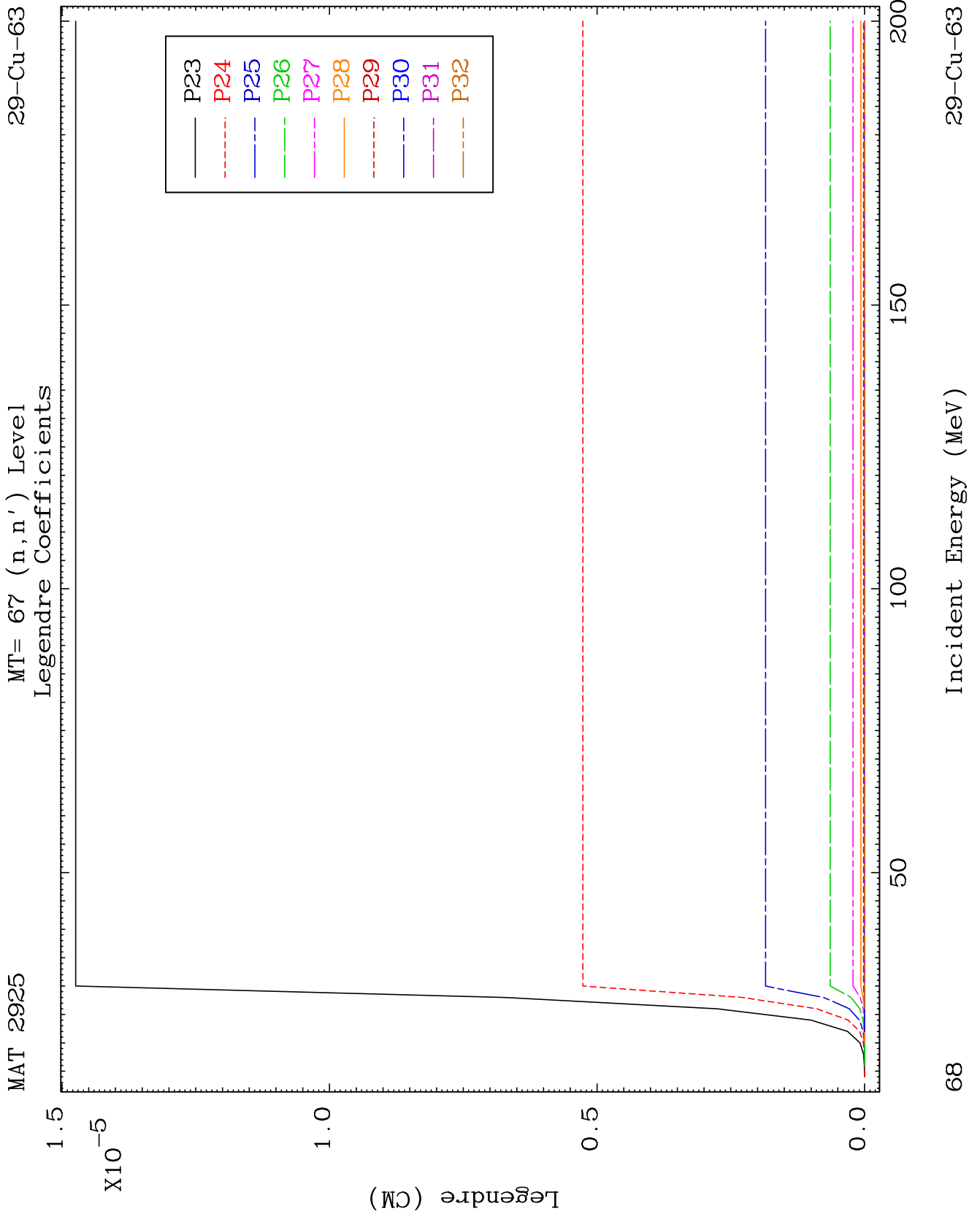
29-Cu-63



67

Incident Energy (MeV)

29-Cu-63

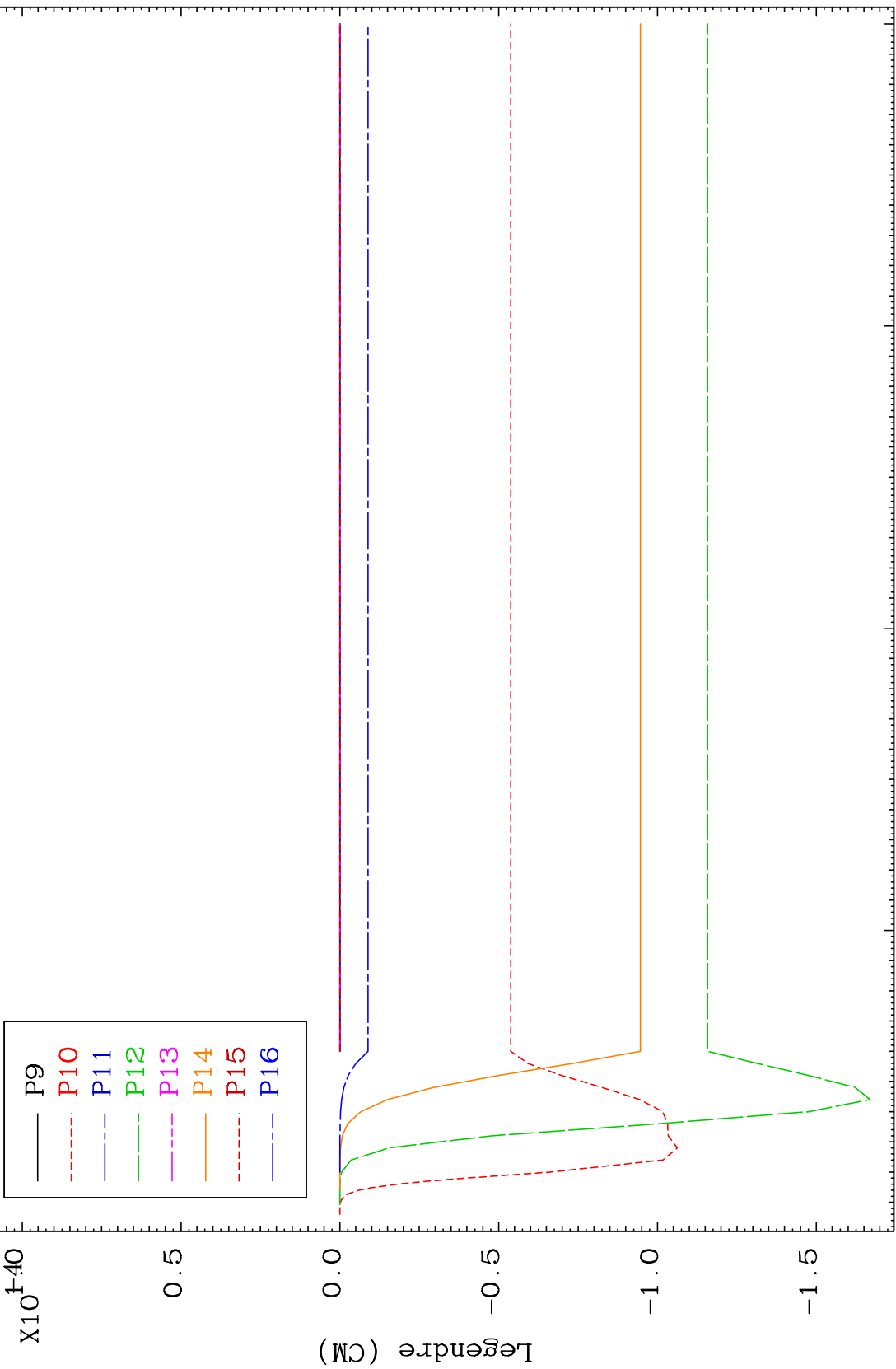
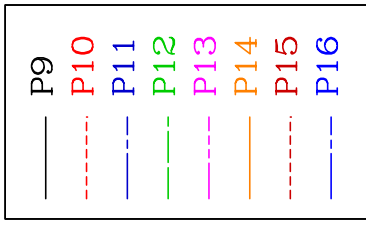




MAT 2925

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

29-Cu-63



70

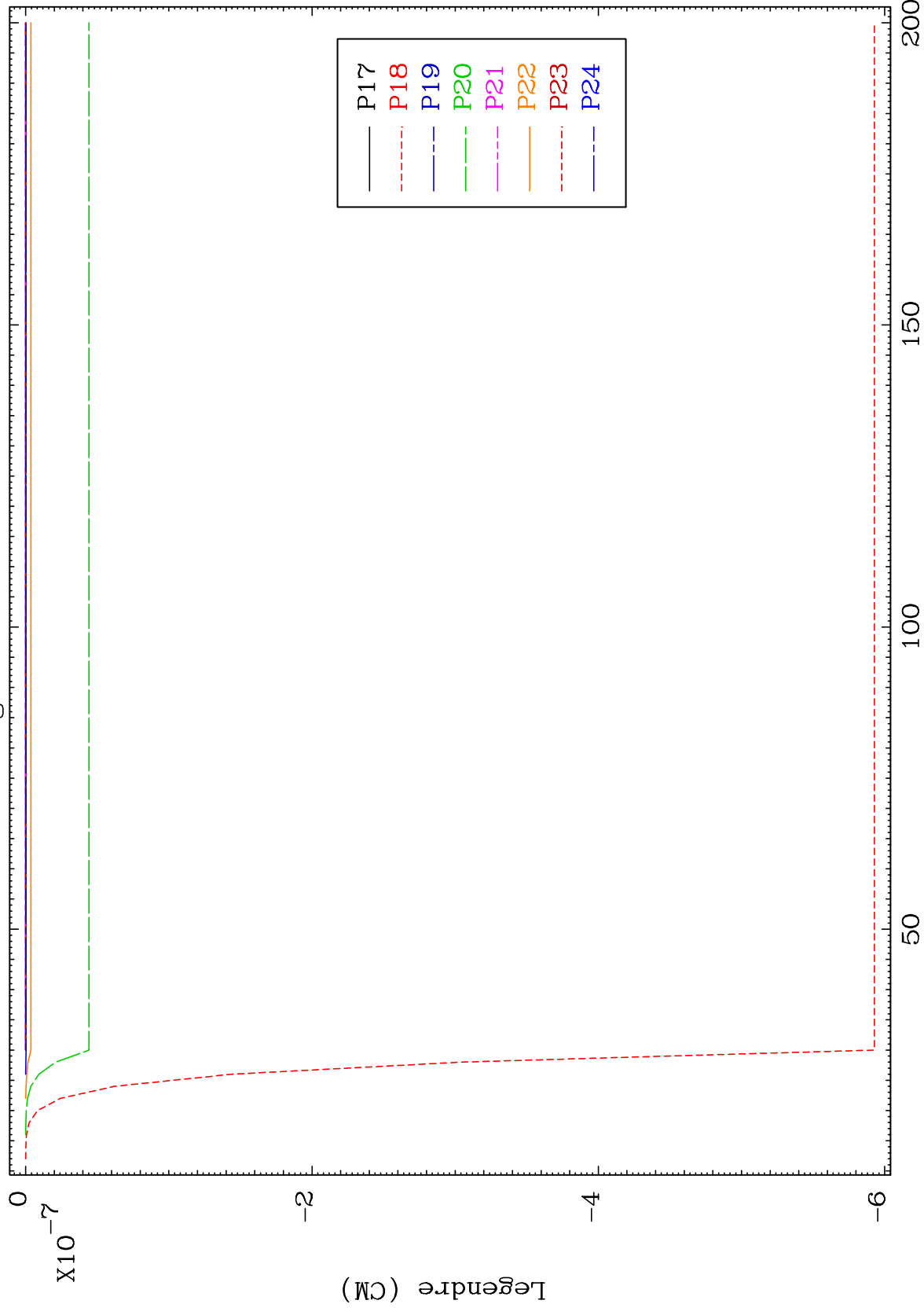
Incident Energy (MeV)

29-Cu-63

MAT 2925

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

29-Cu-63



29-Cu-63

Incident Energy (MeV)

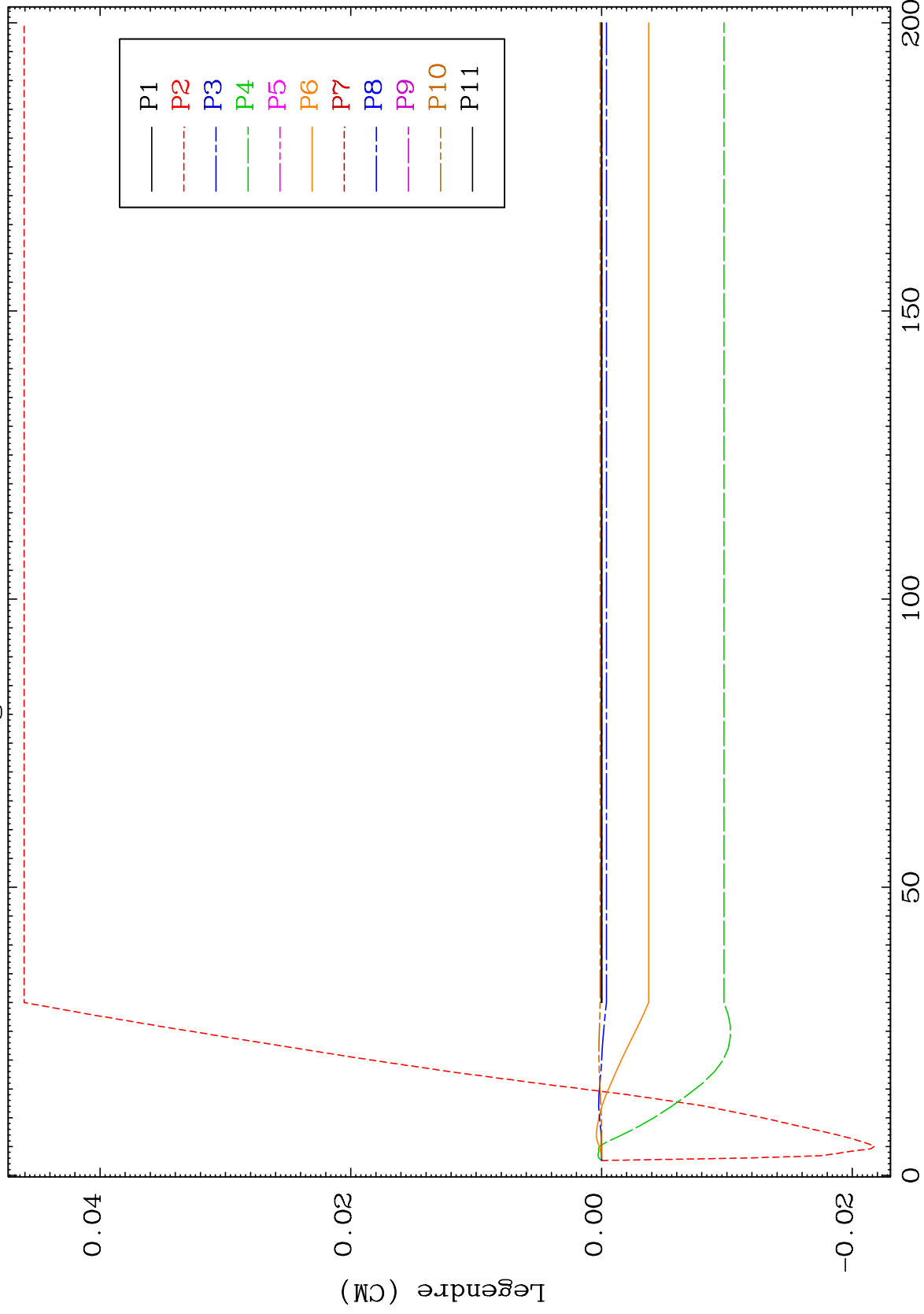
71



MAT 2925

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

29-Cu-63



72

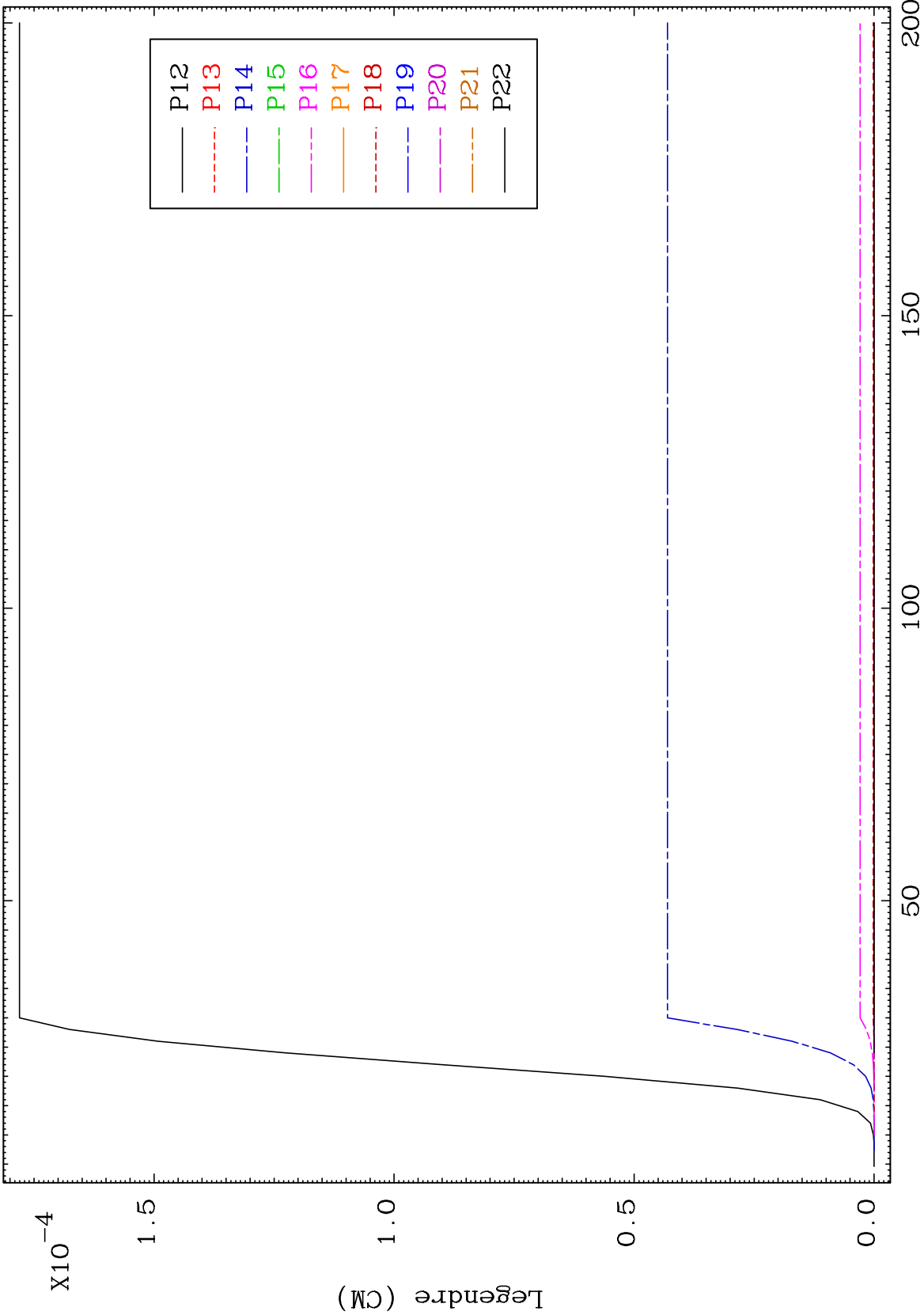
Incident Energy (MeV)

29-Cu-63

MAT 2925

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

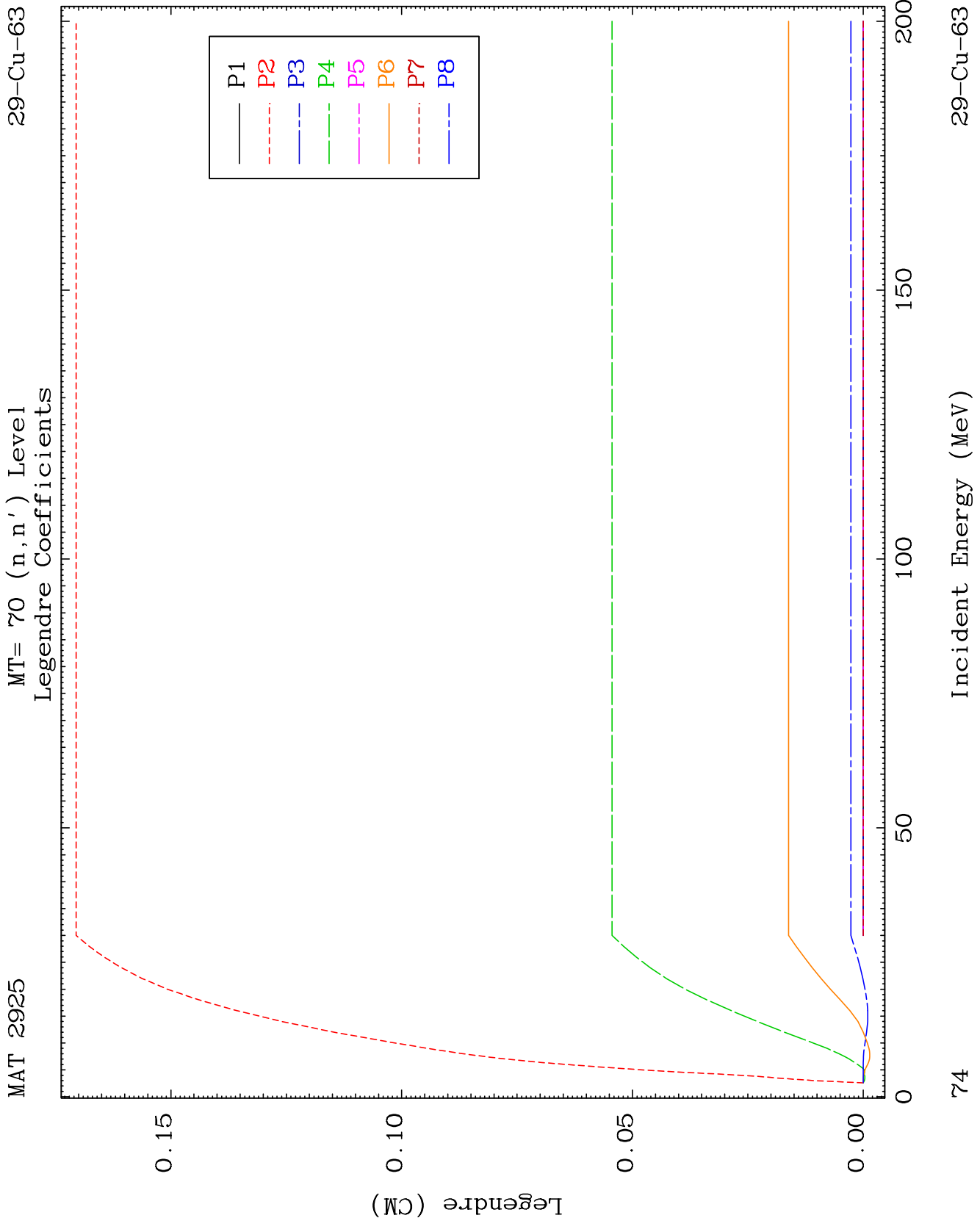
29-Cu-63

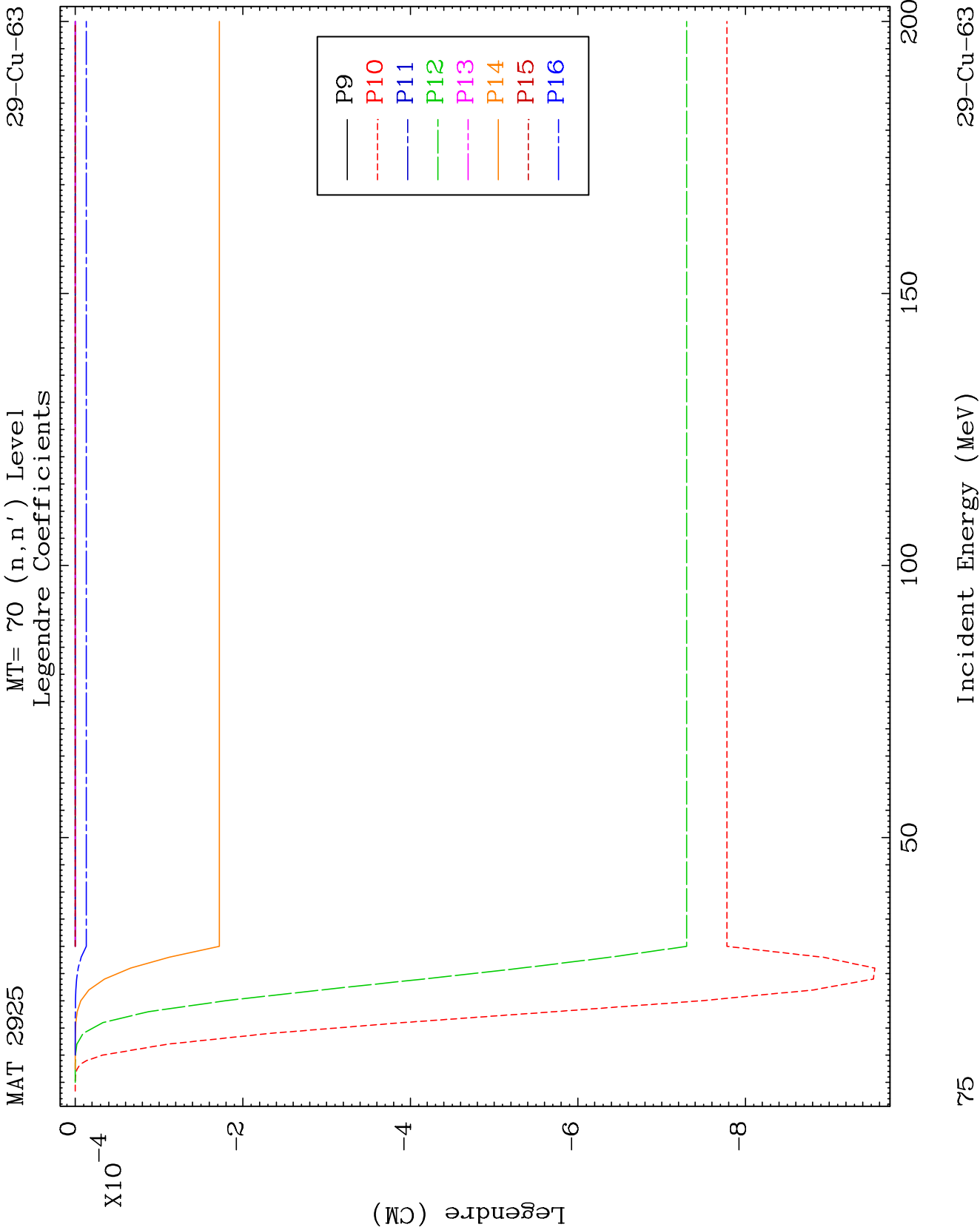


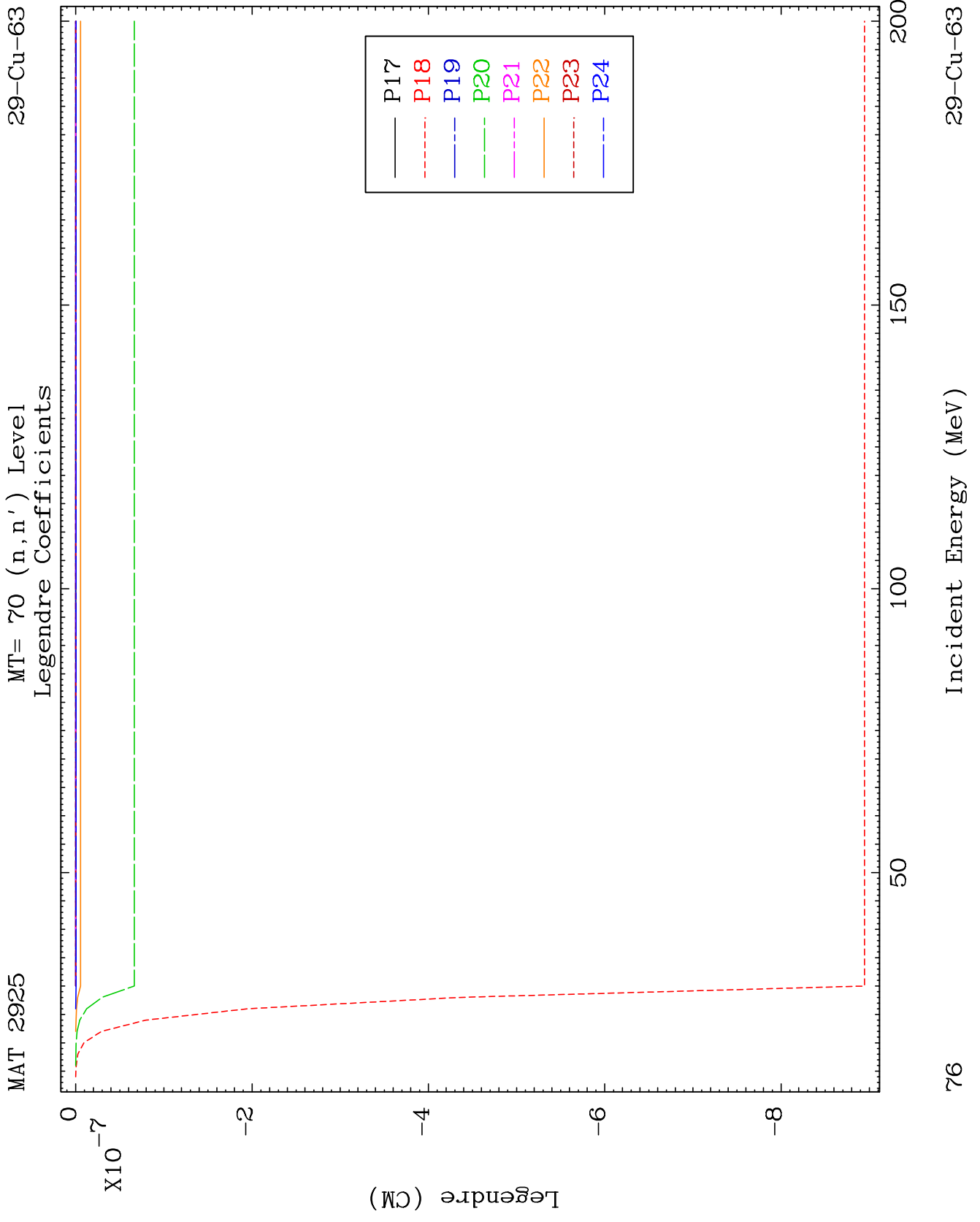
73

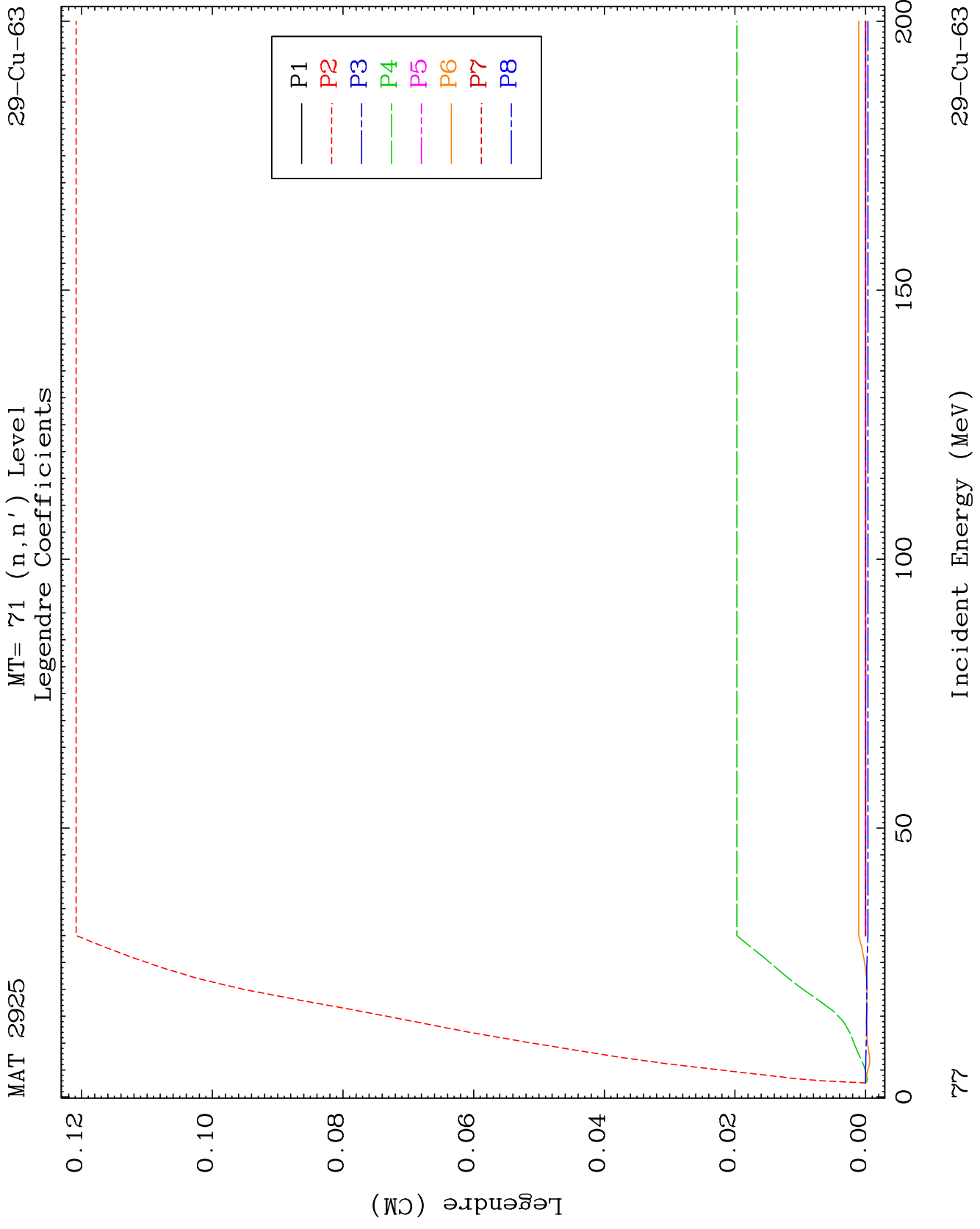
Incident Energy (MeV)

29-Cu-63





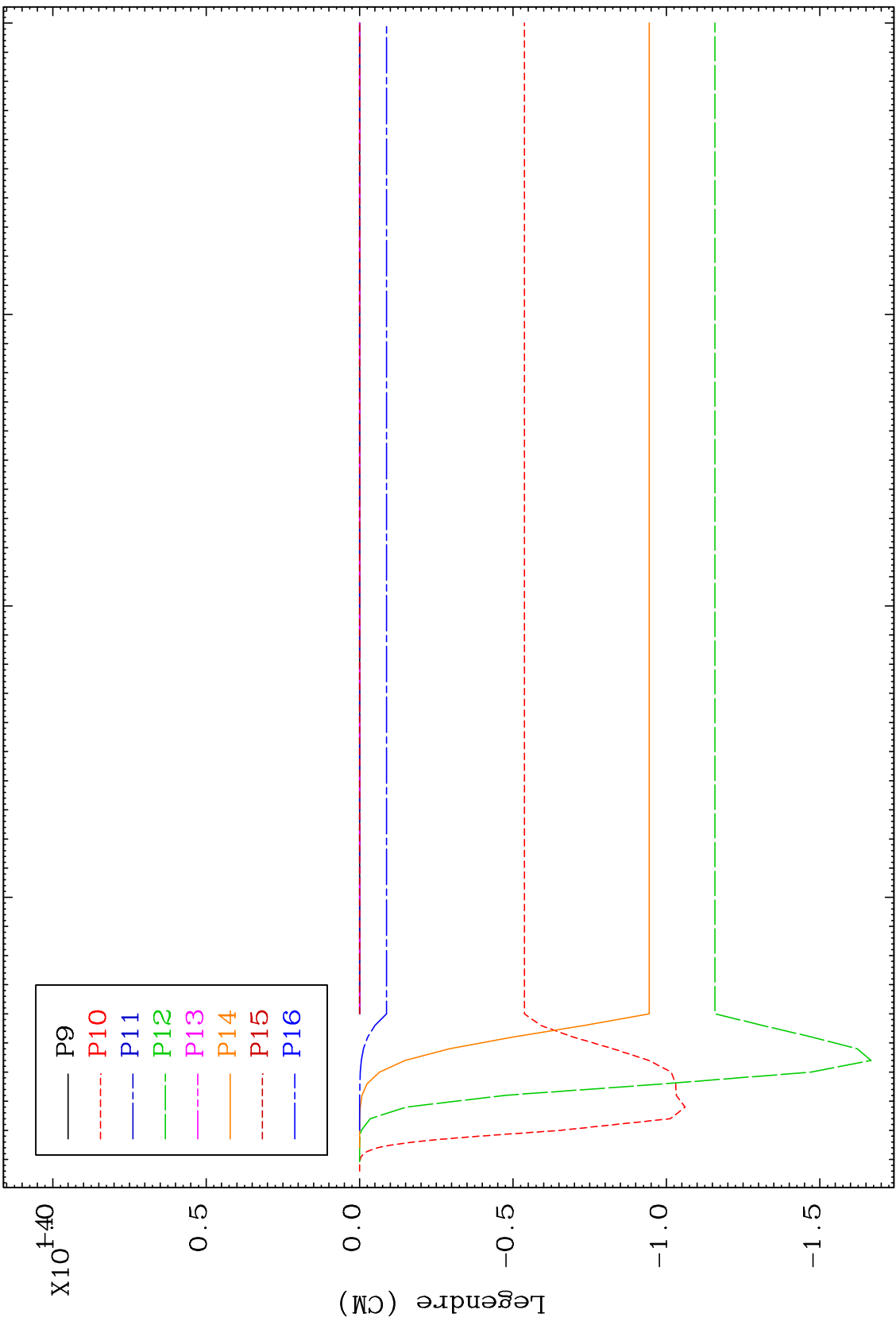
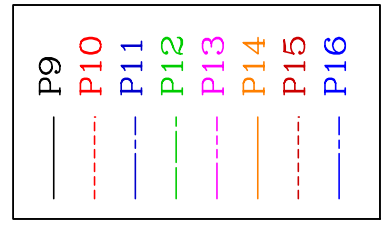




MAT 2925

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

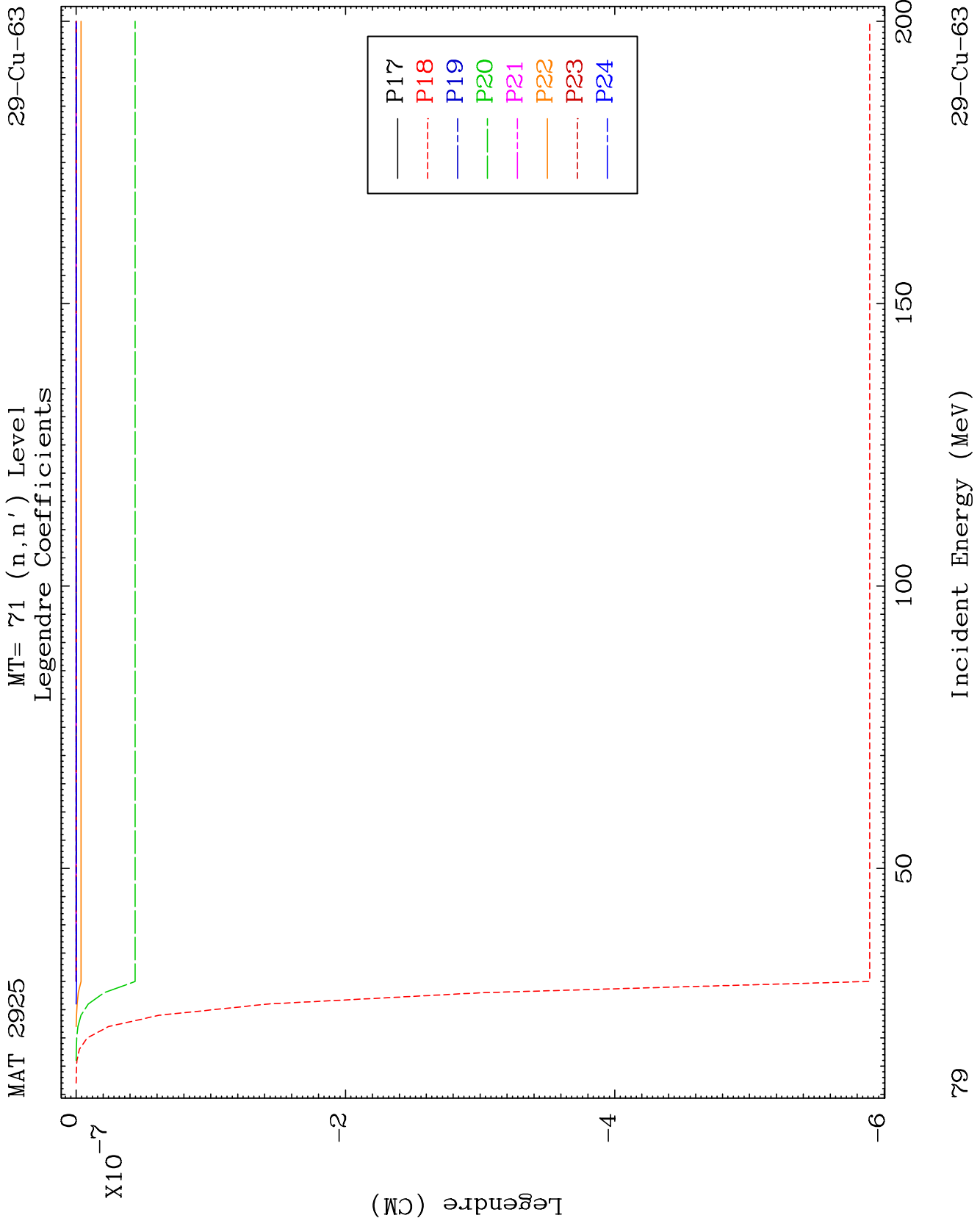
29-Cu-63



78

Incident Energy (MeV)

29-Cu-63



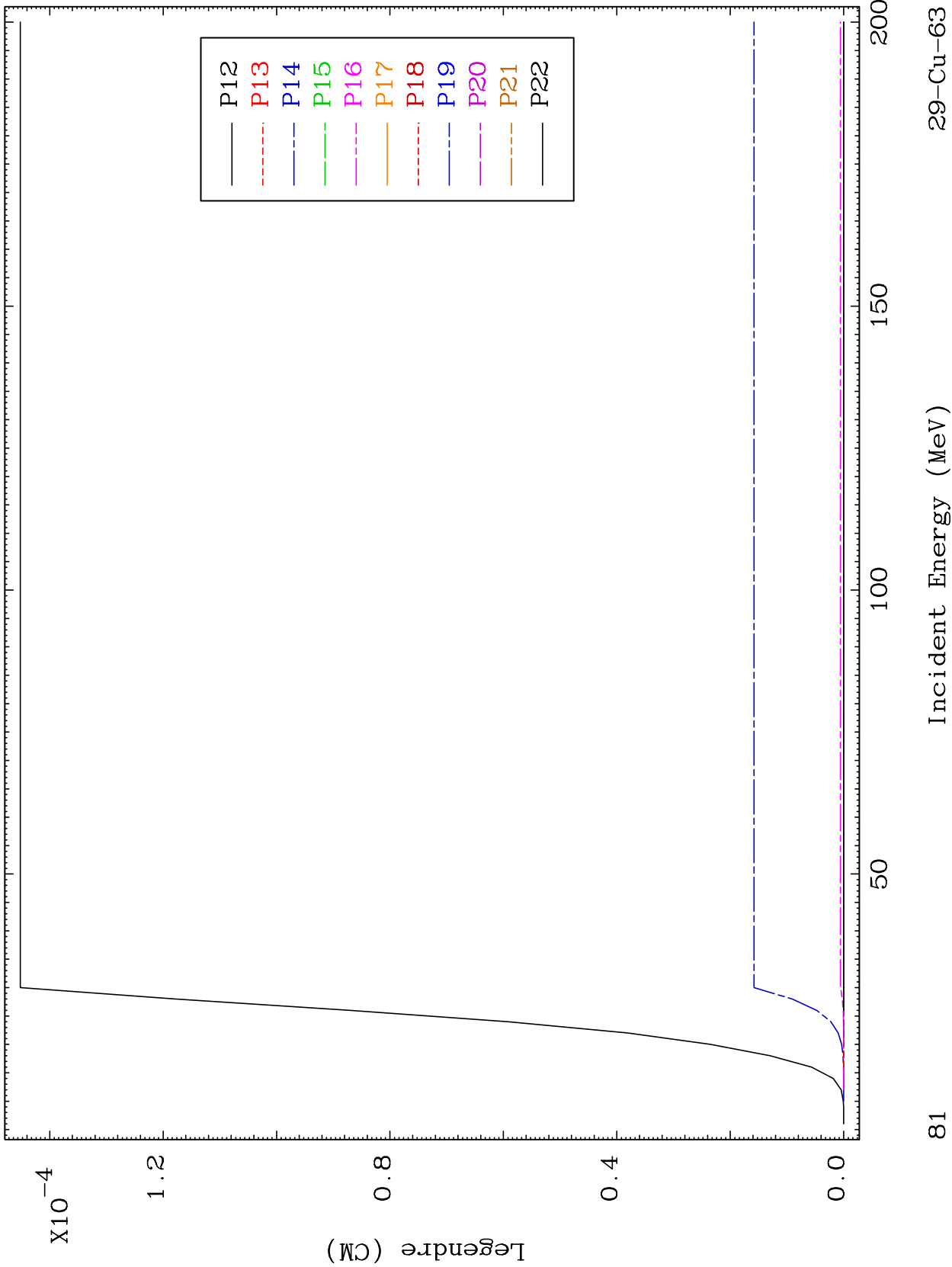




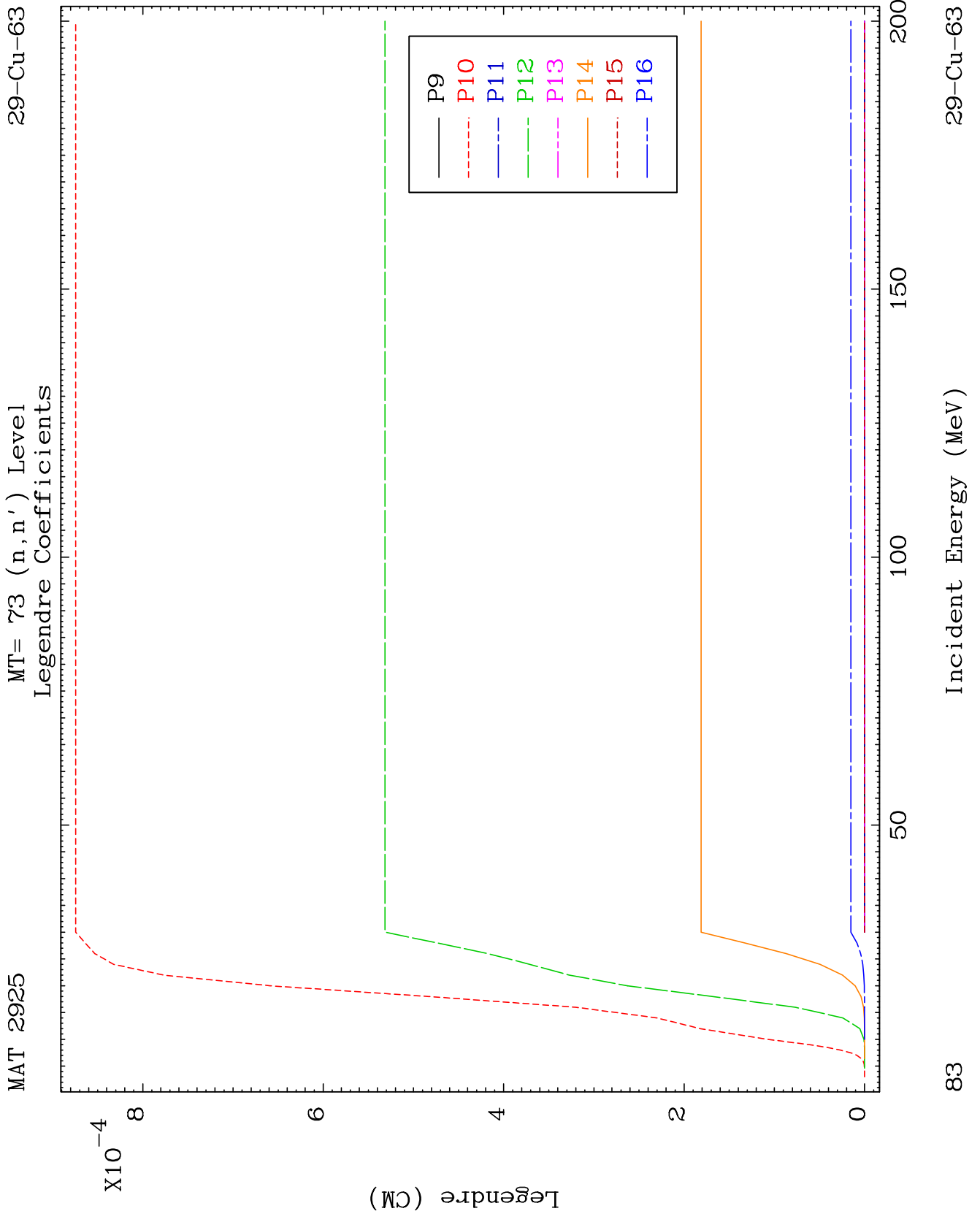
MAT 2925

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

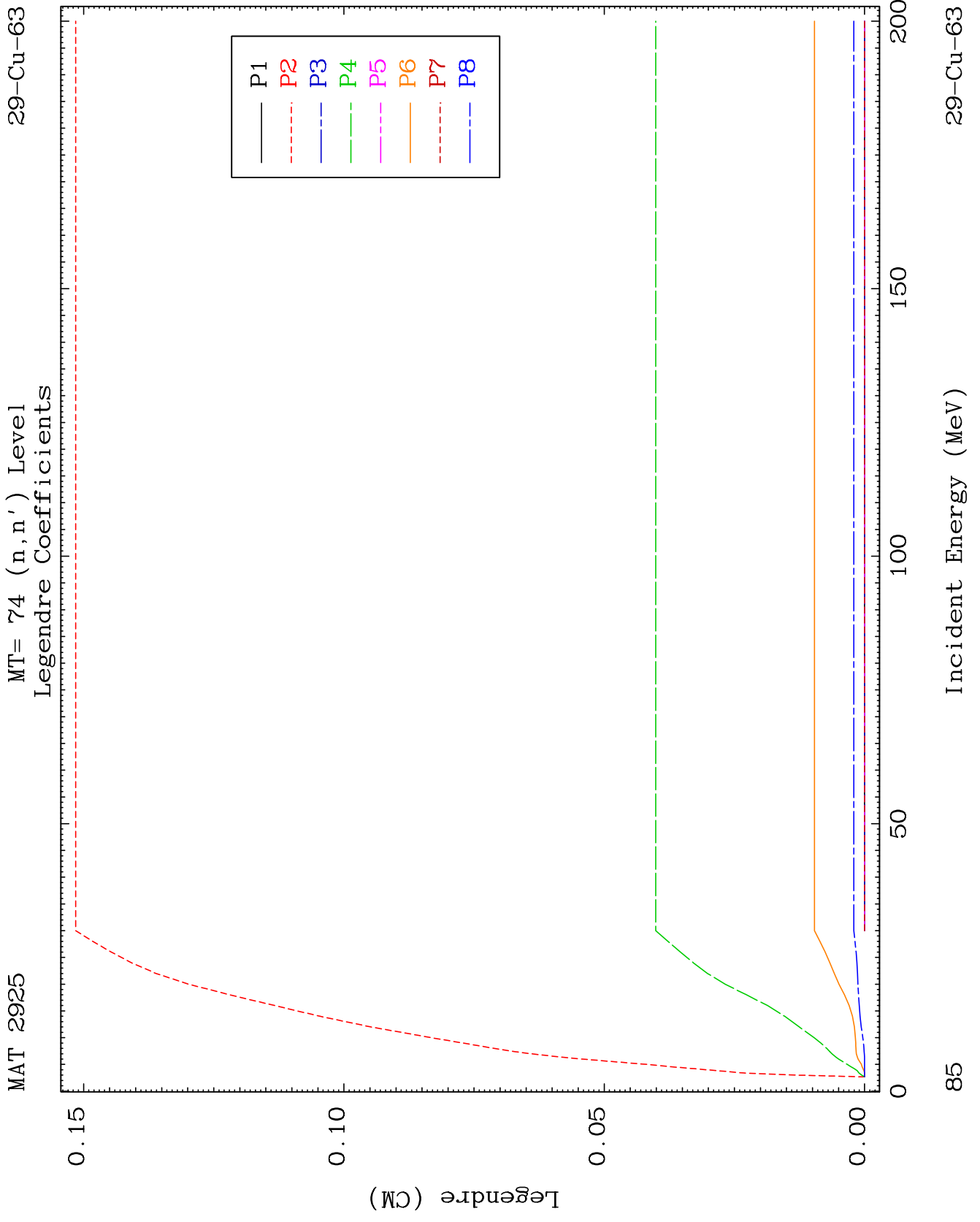
29-Cu-63







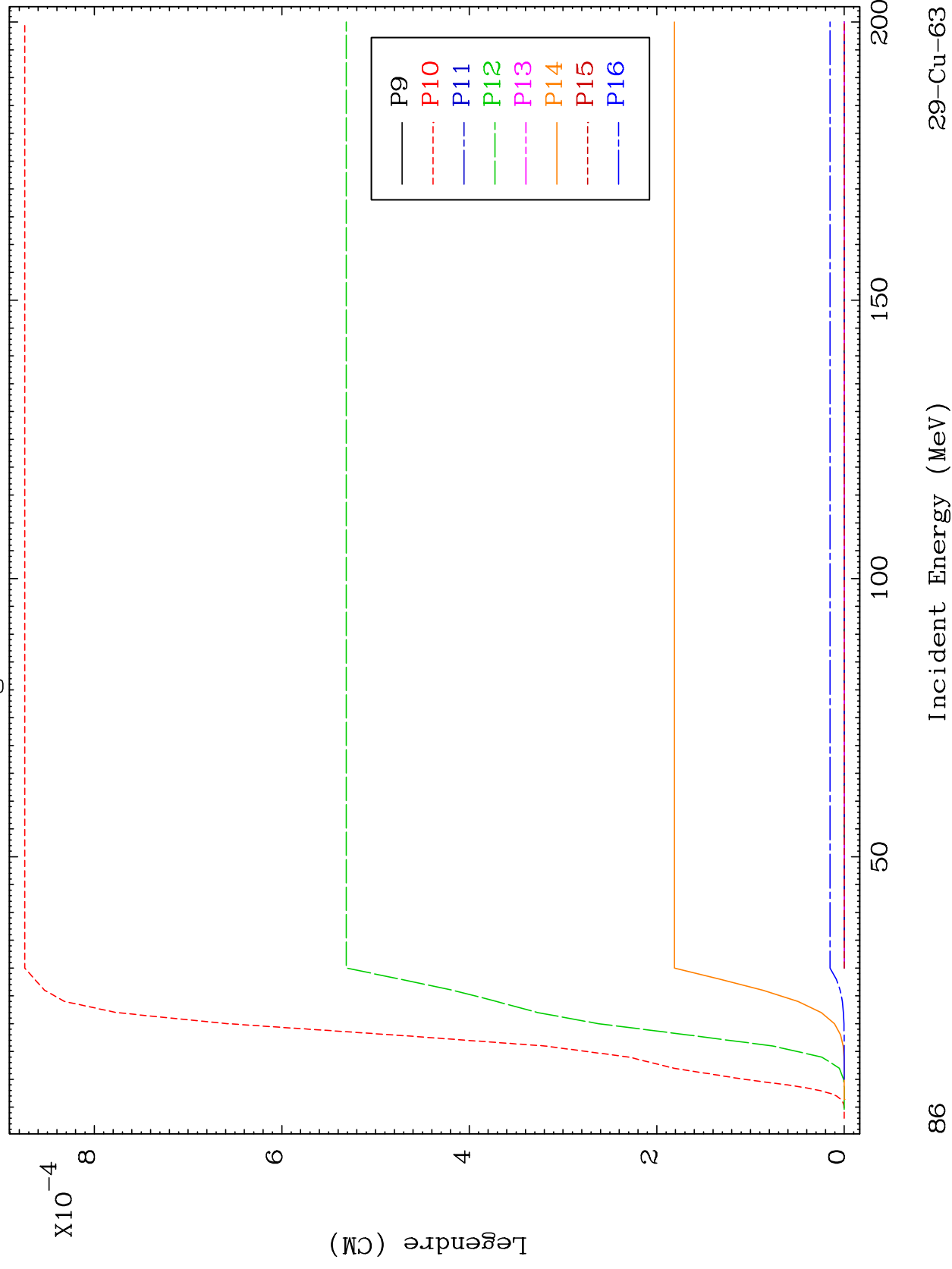




MAT 2925

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

29-Cu-63



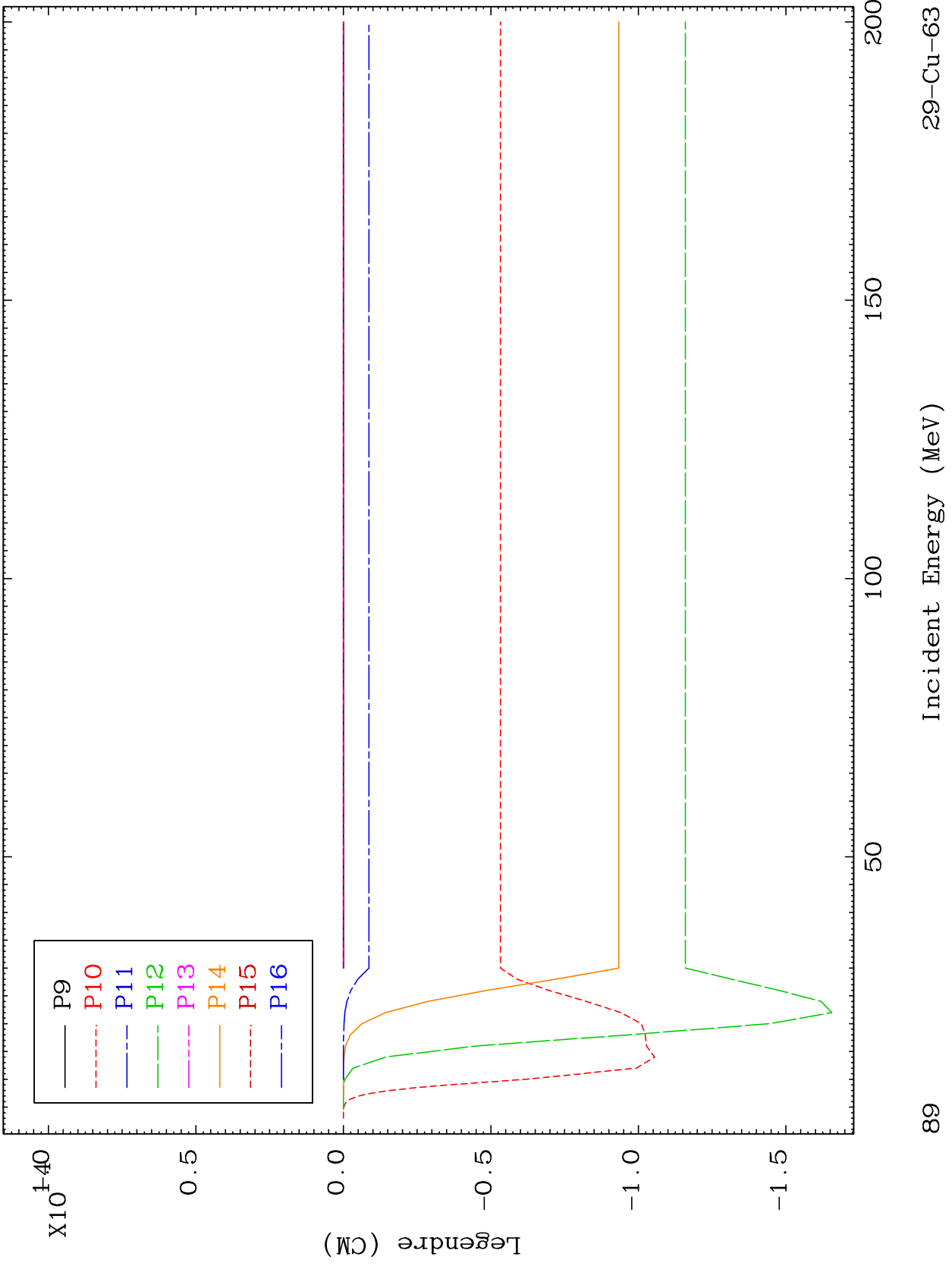
86

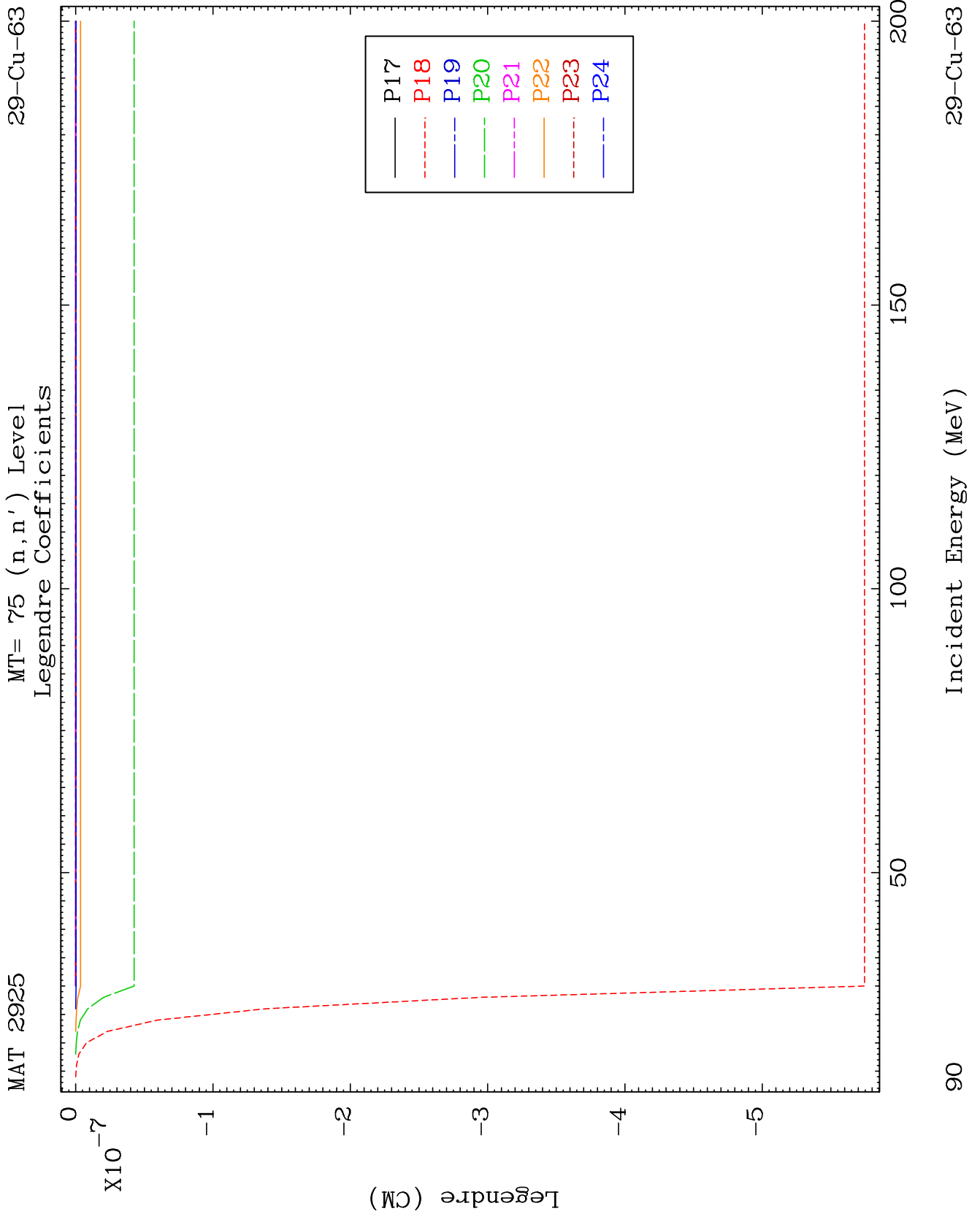
29-Cu-63







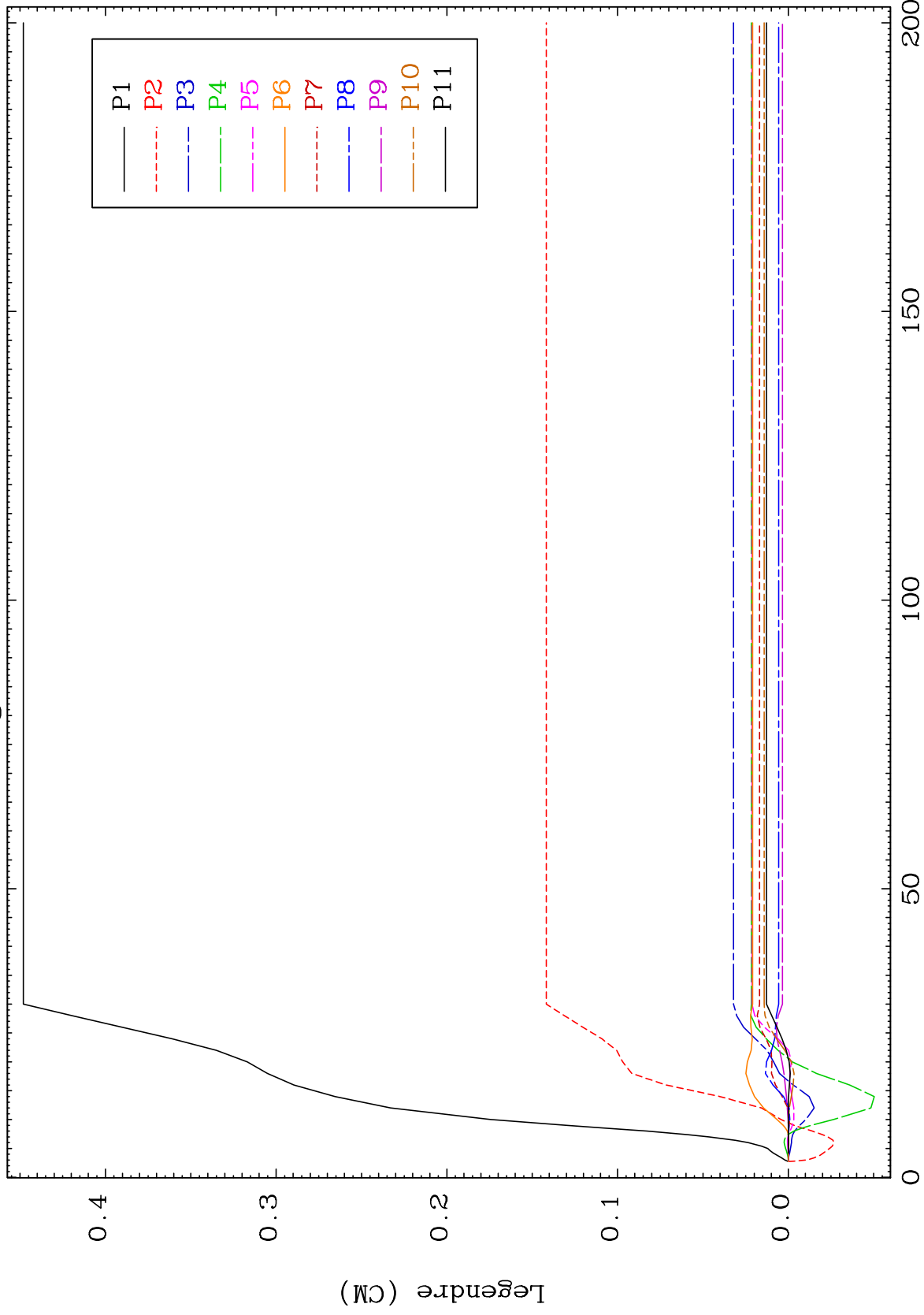




MAT 2925

MT= 76 (n,n') Level  
Legendre Coefficients

29-Cu-63



91

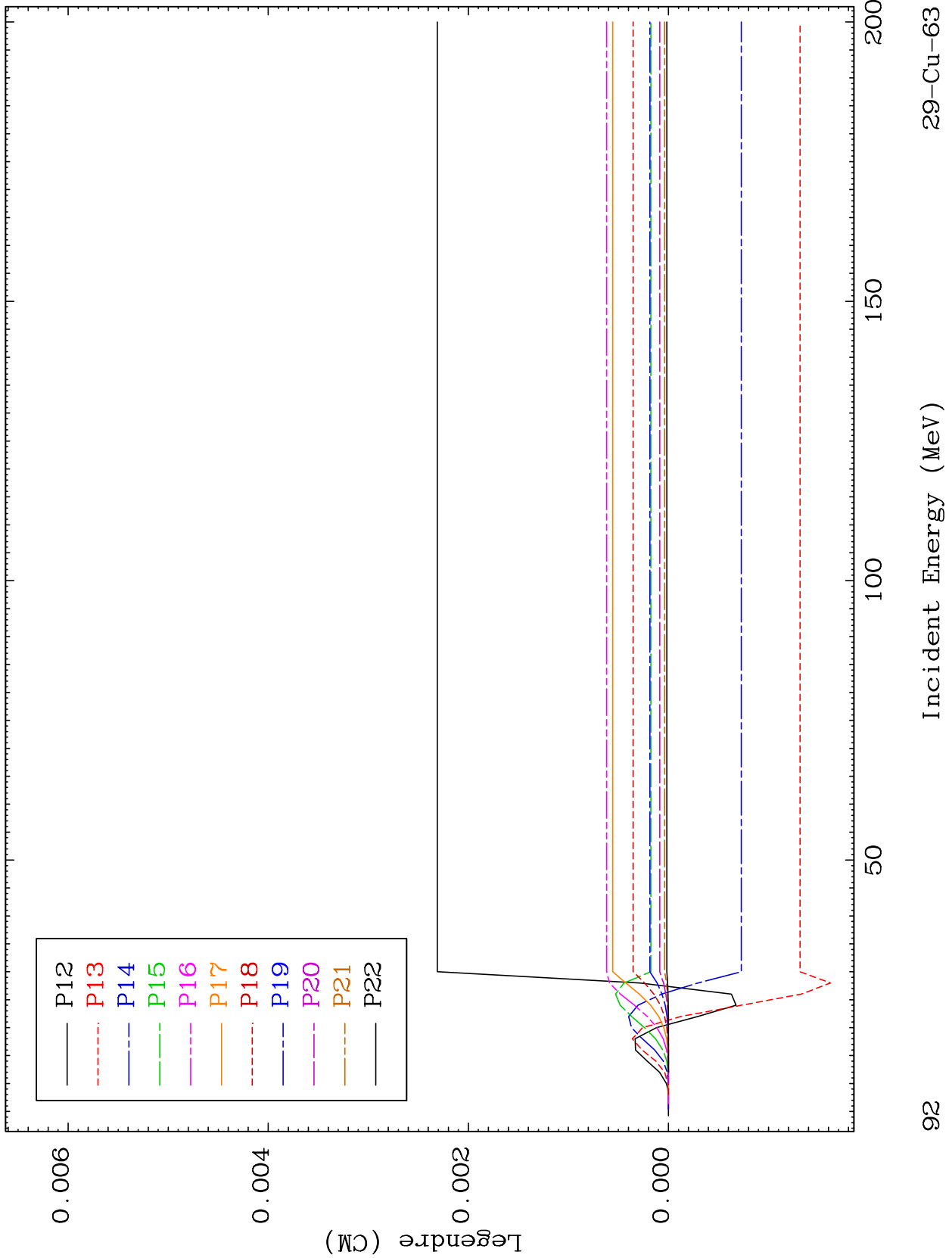
Incident Energy (MeV)

29-Cu-63

MAT 2925

MT= 76 (n,n') Level  
Legendre Coefficients

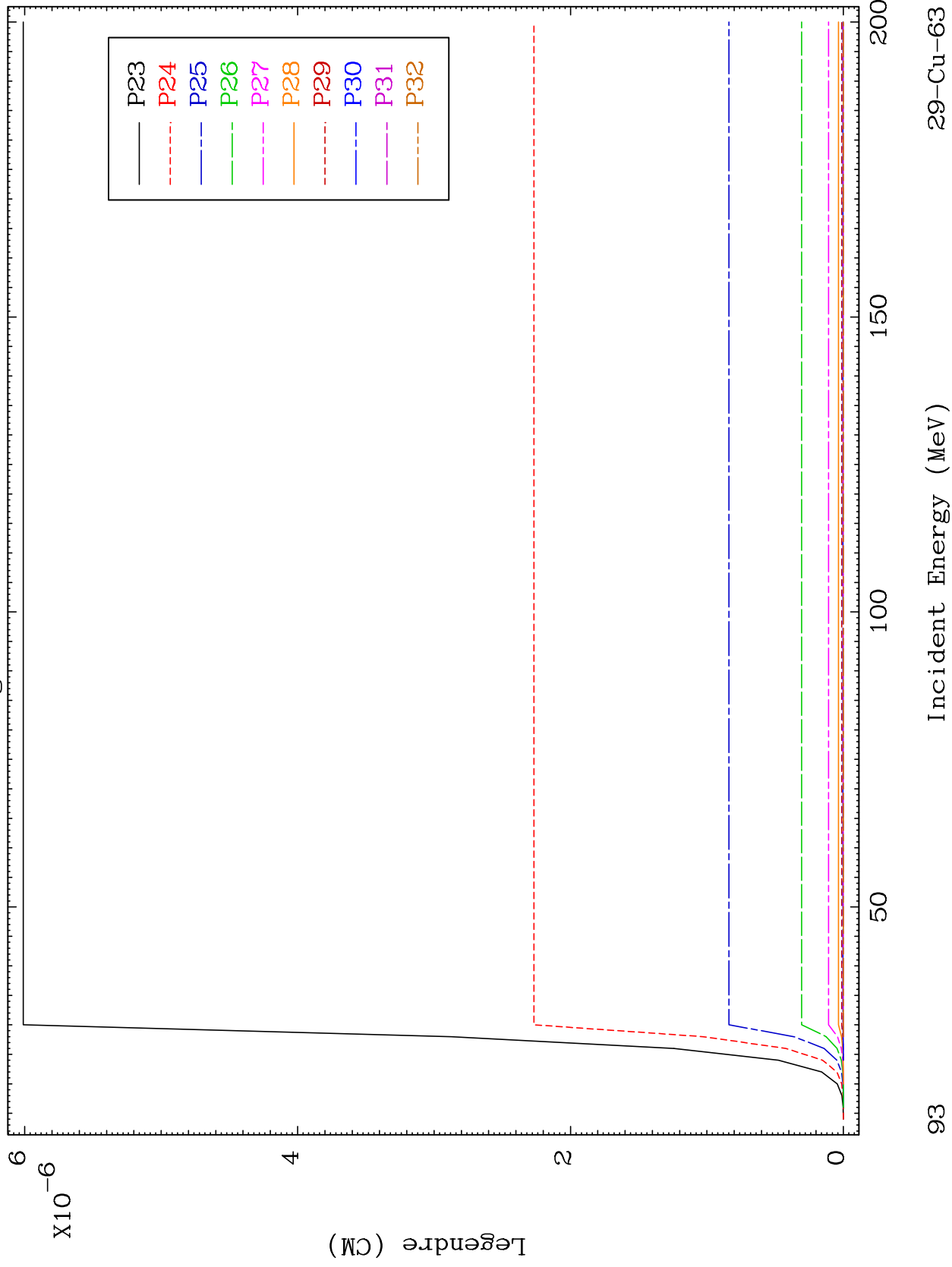
29-Cu-63



MAT 2925

MT= 76 (n,n') Level  
Legendre Coefficients

29-Cu-63

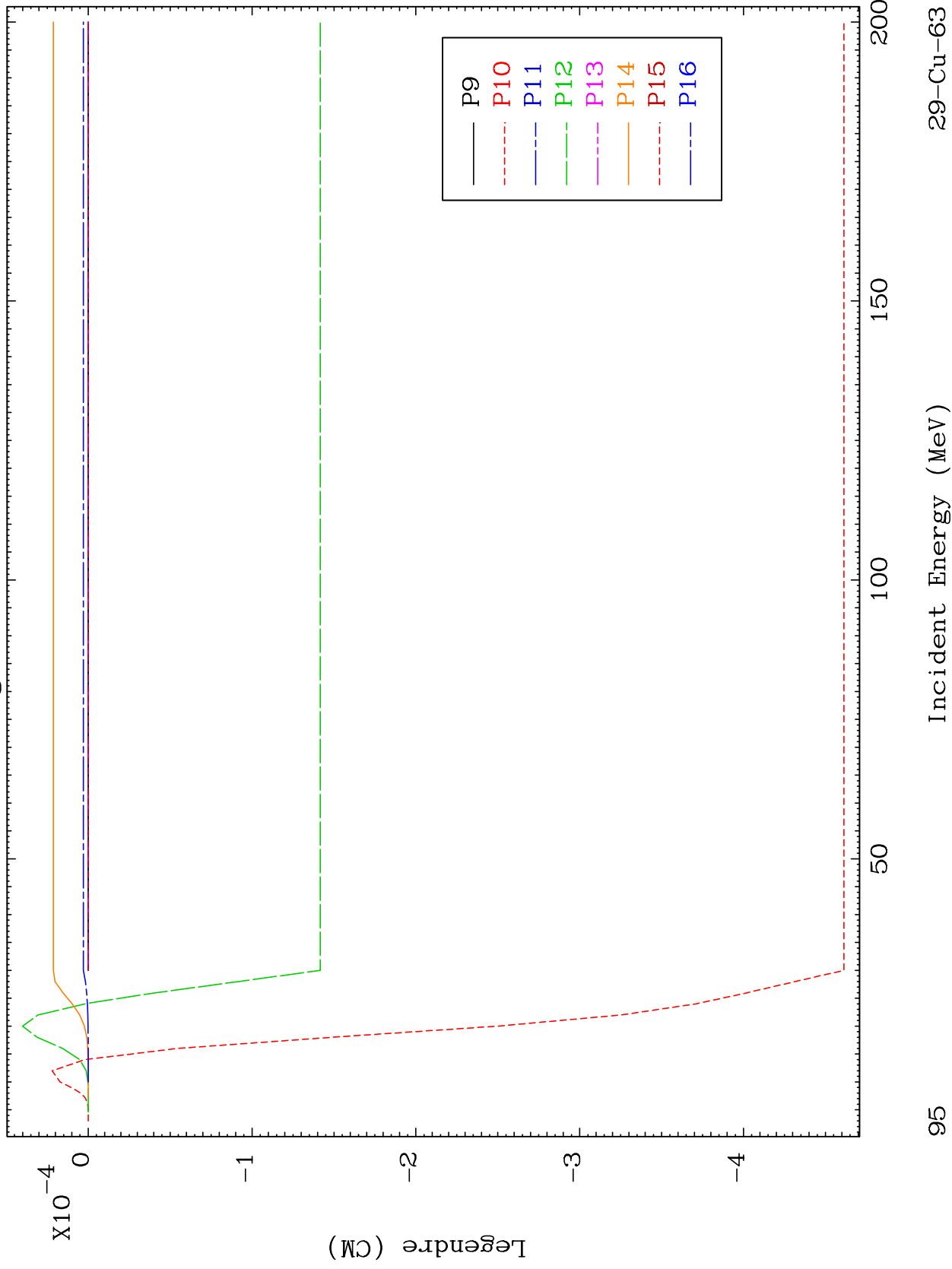




MAT 2925

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

29-Cu-63

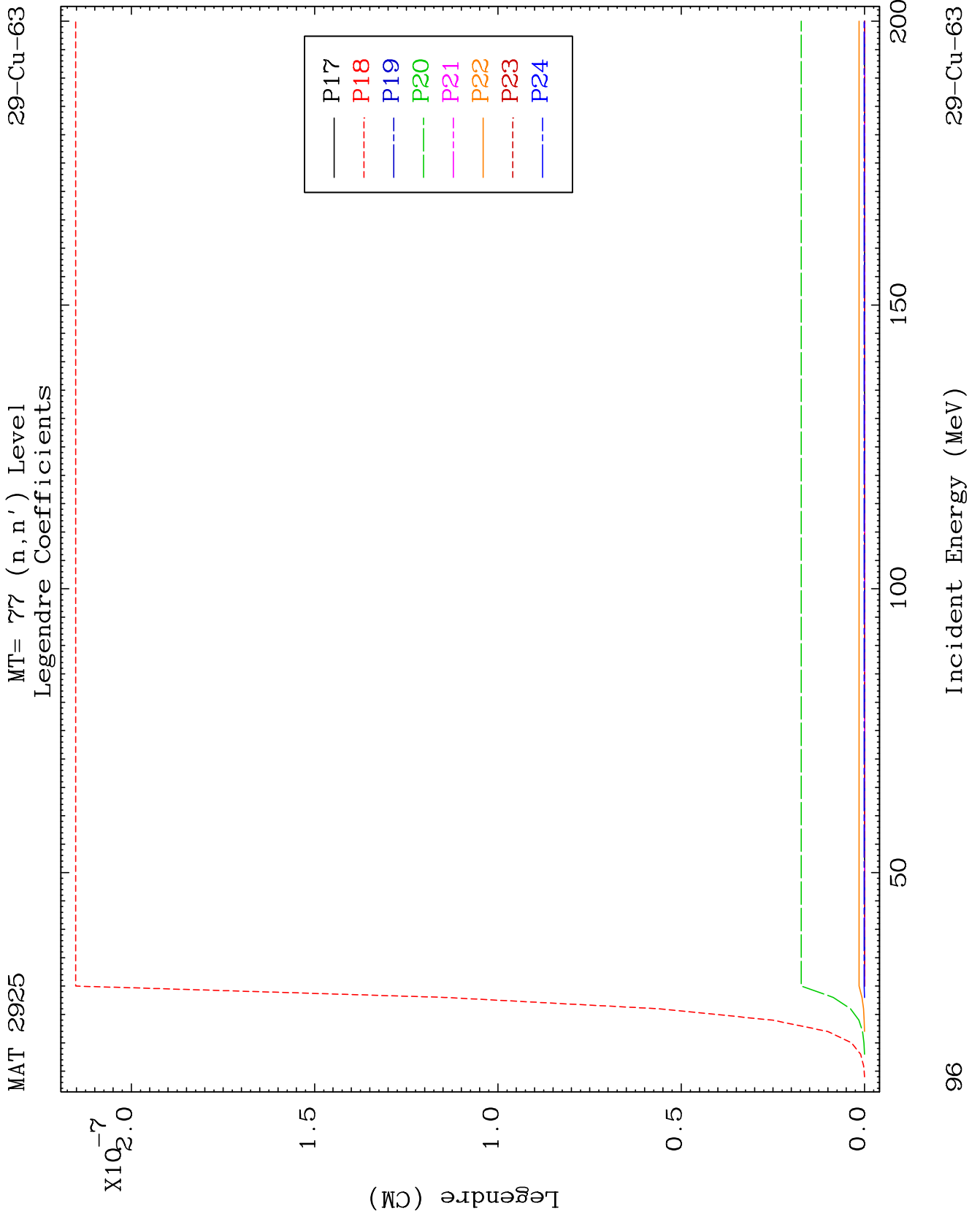


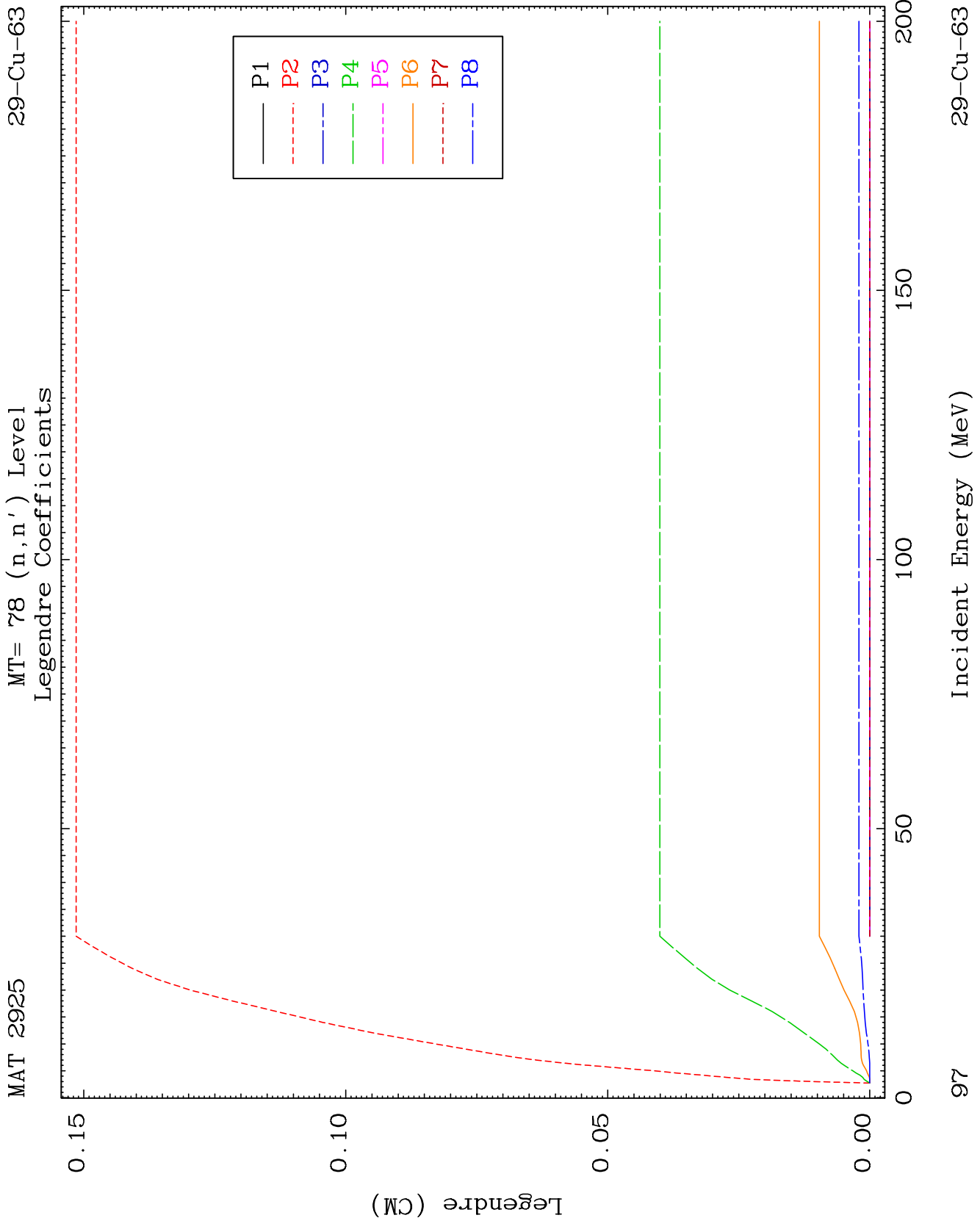
95

Incident Energy (MeV)

29-Cu-63



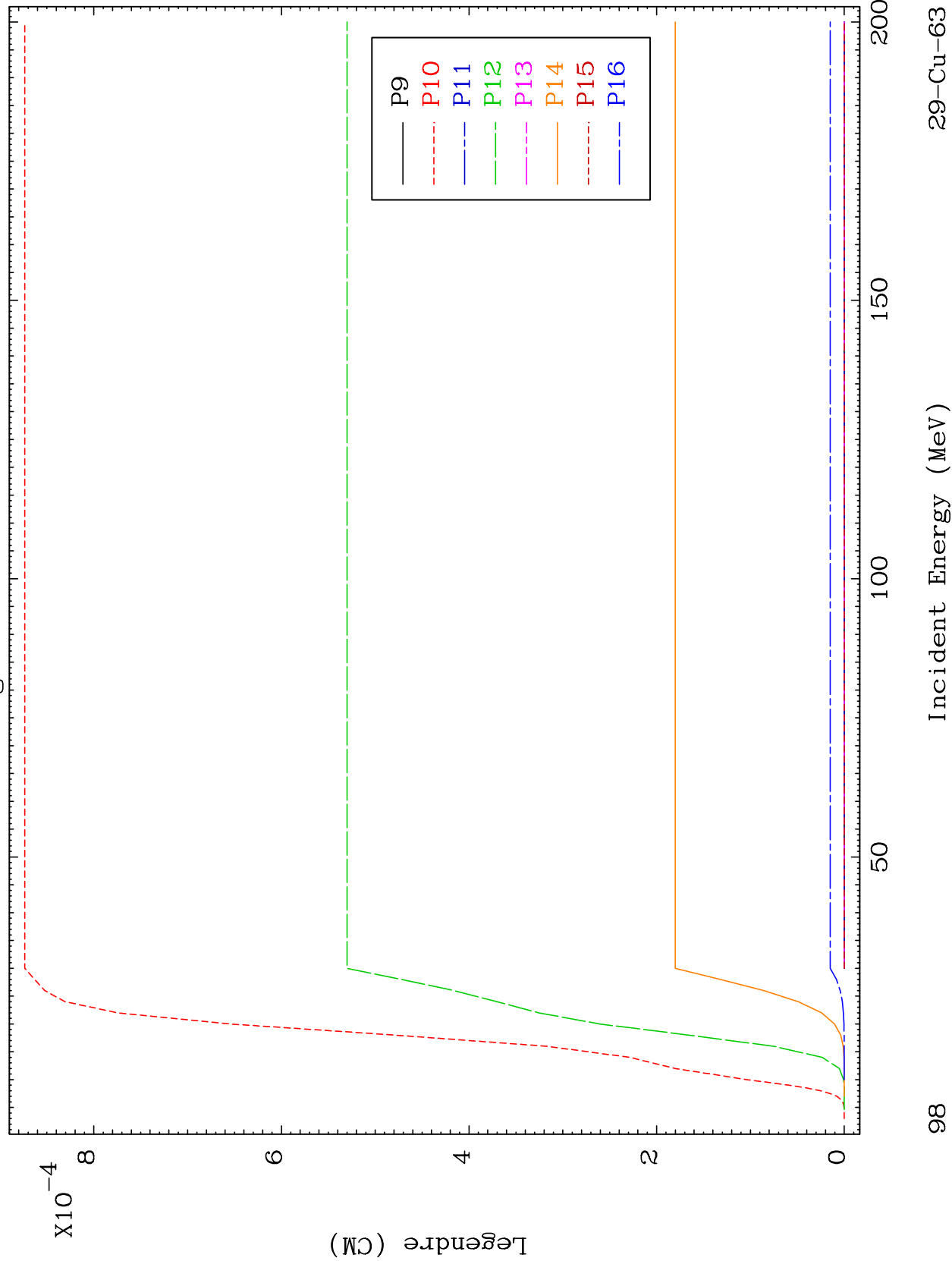




MAT 2925

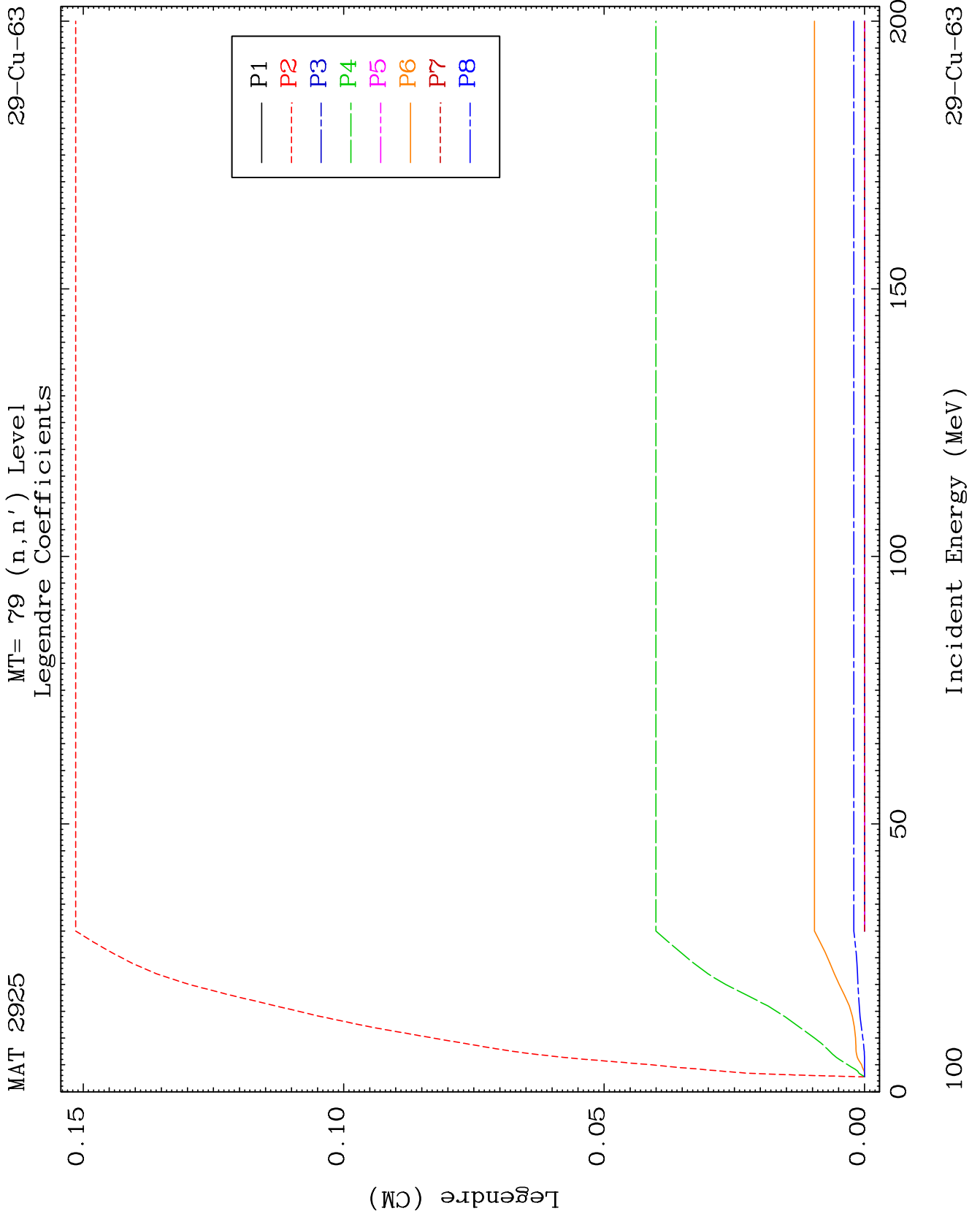
MT= 78 (n,n') Level  
Legendre Coefficients

29-Cu-63



98

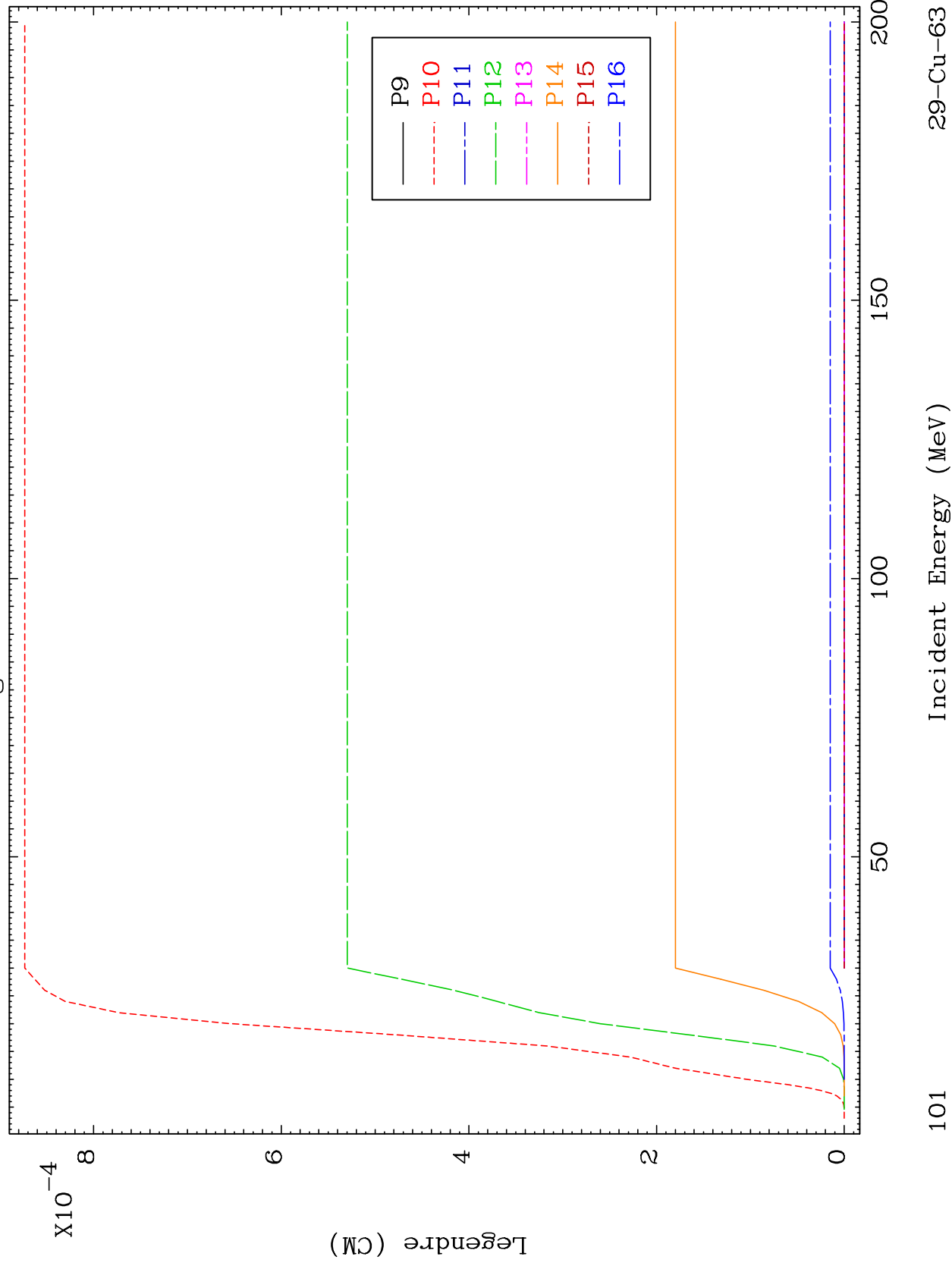




MAT 2925

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

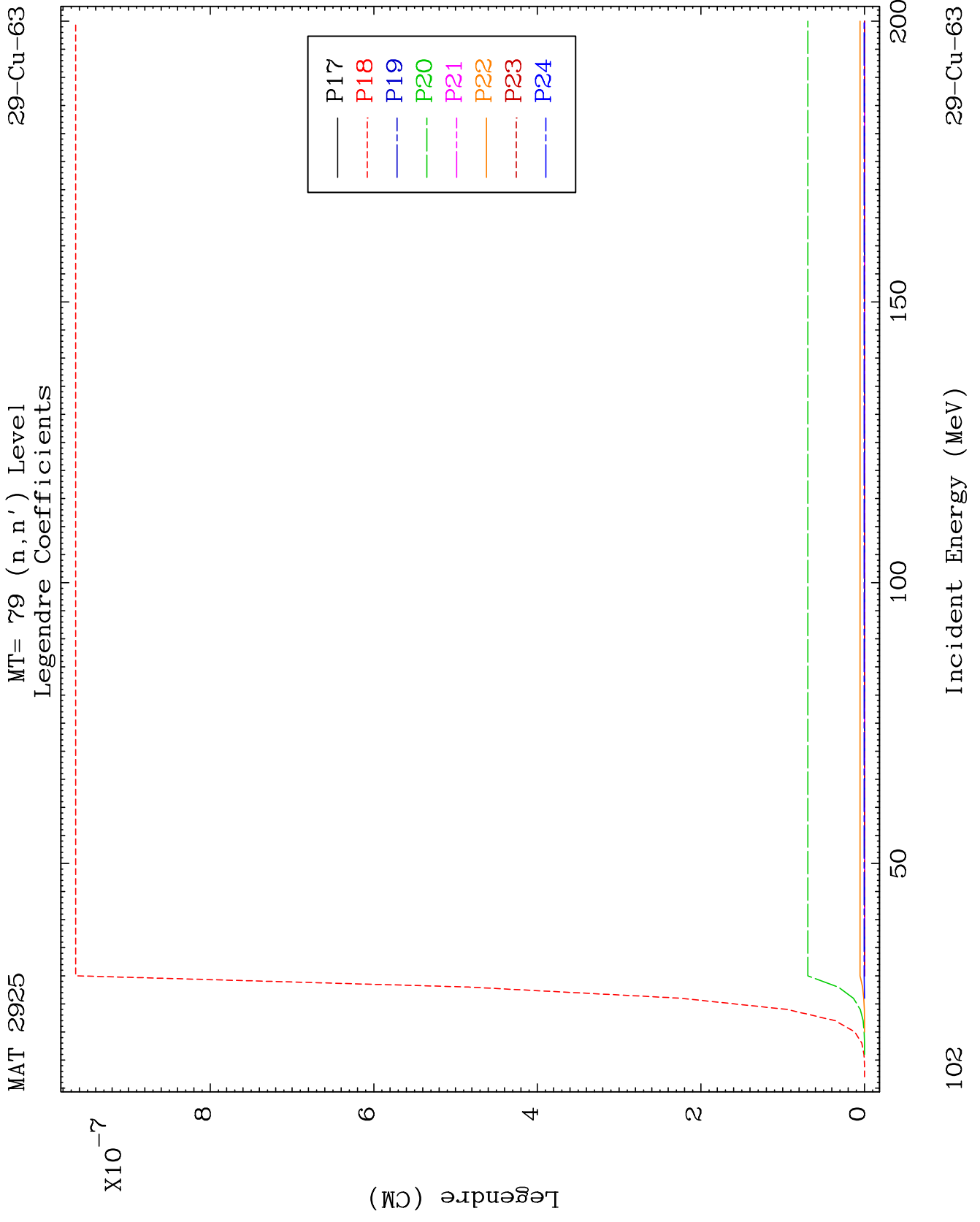
29-Cu-63



101

Incident Energy (MeV)

29-Cu-63



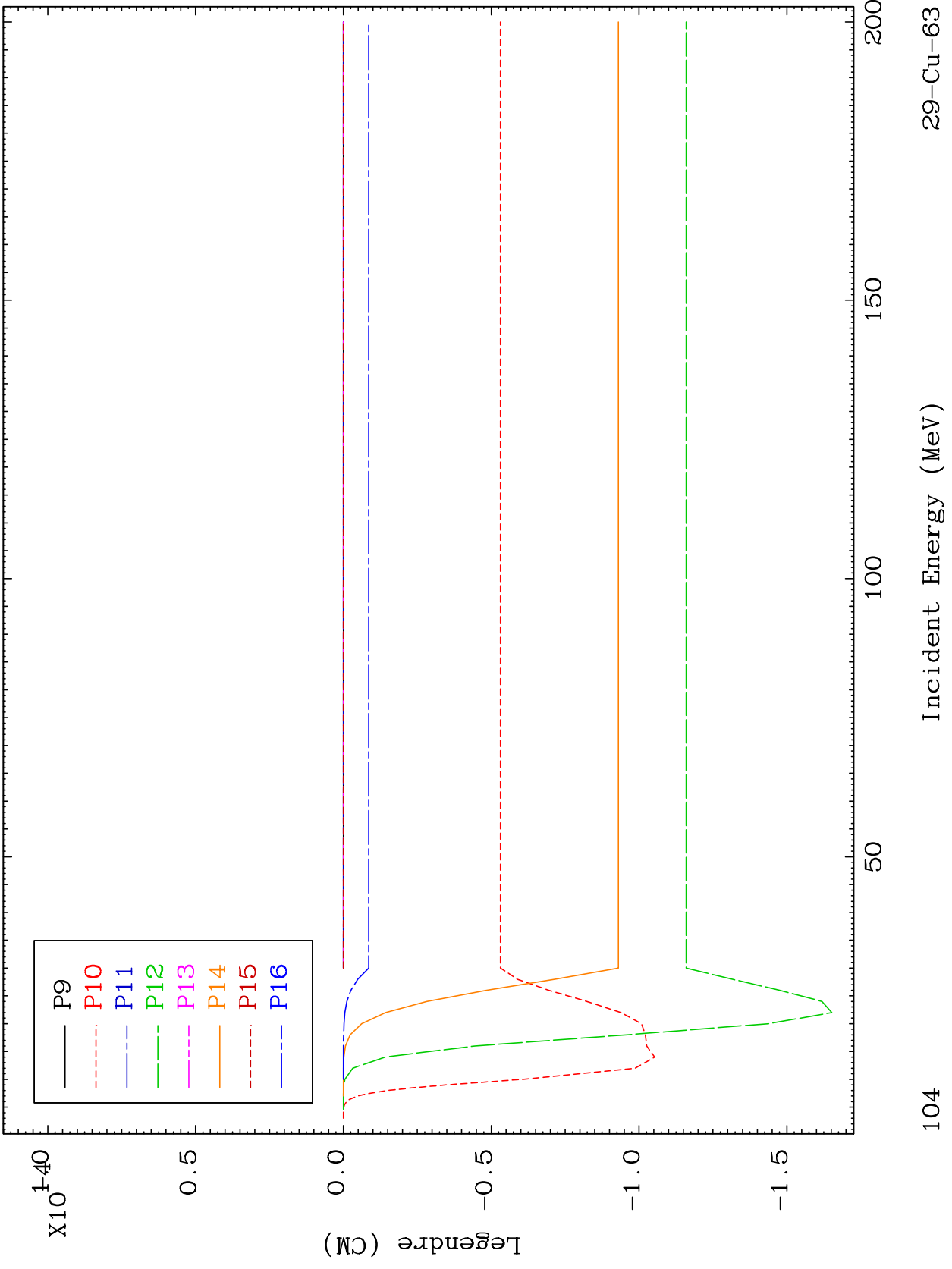




MAT 2925

MT= 80 (n,n') Level Legendre Coefficients

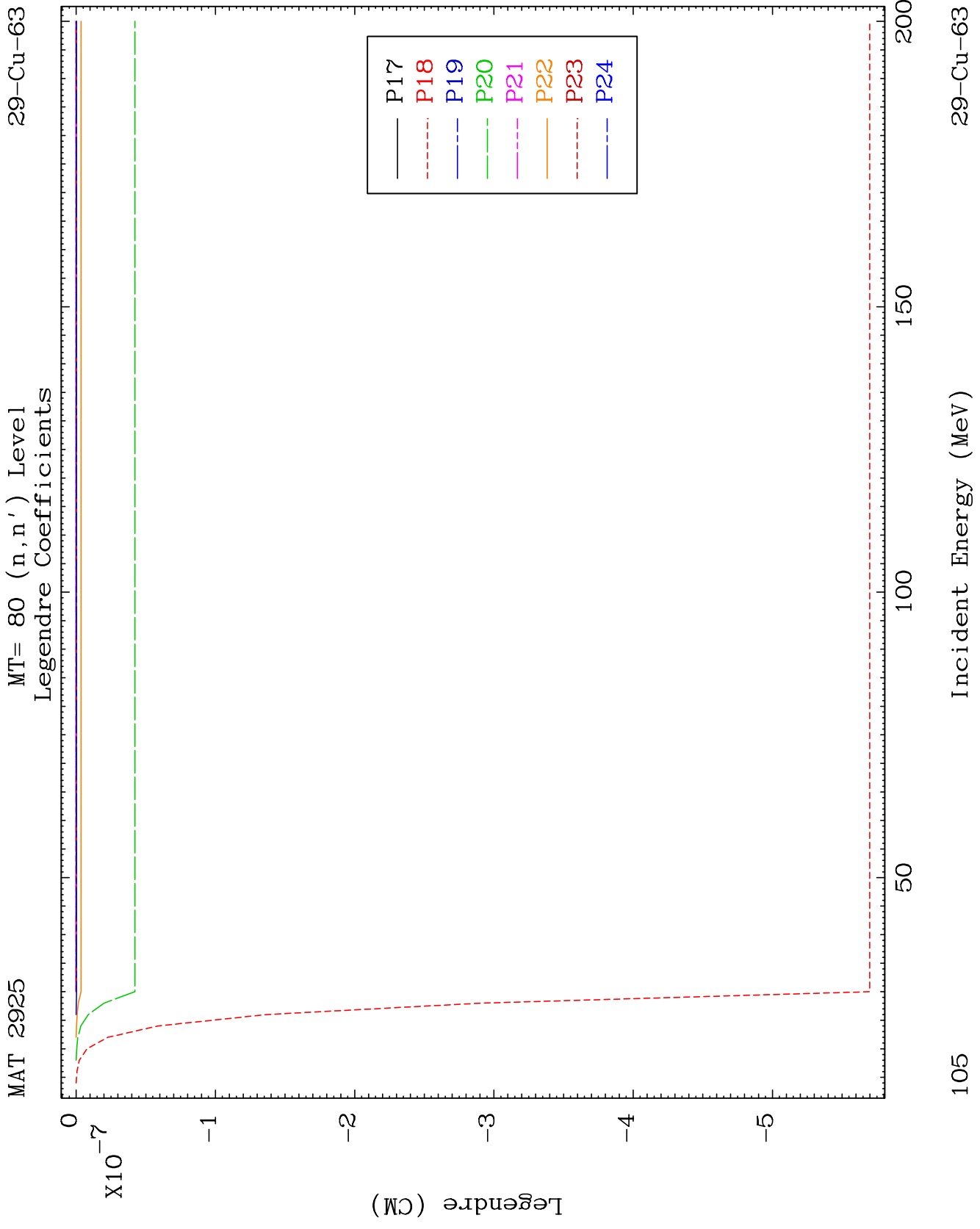
29-Cu-63



104

Incident Energy (MeV)

29-Cu-63

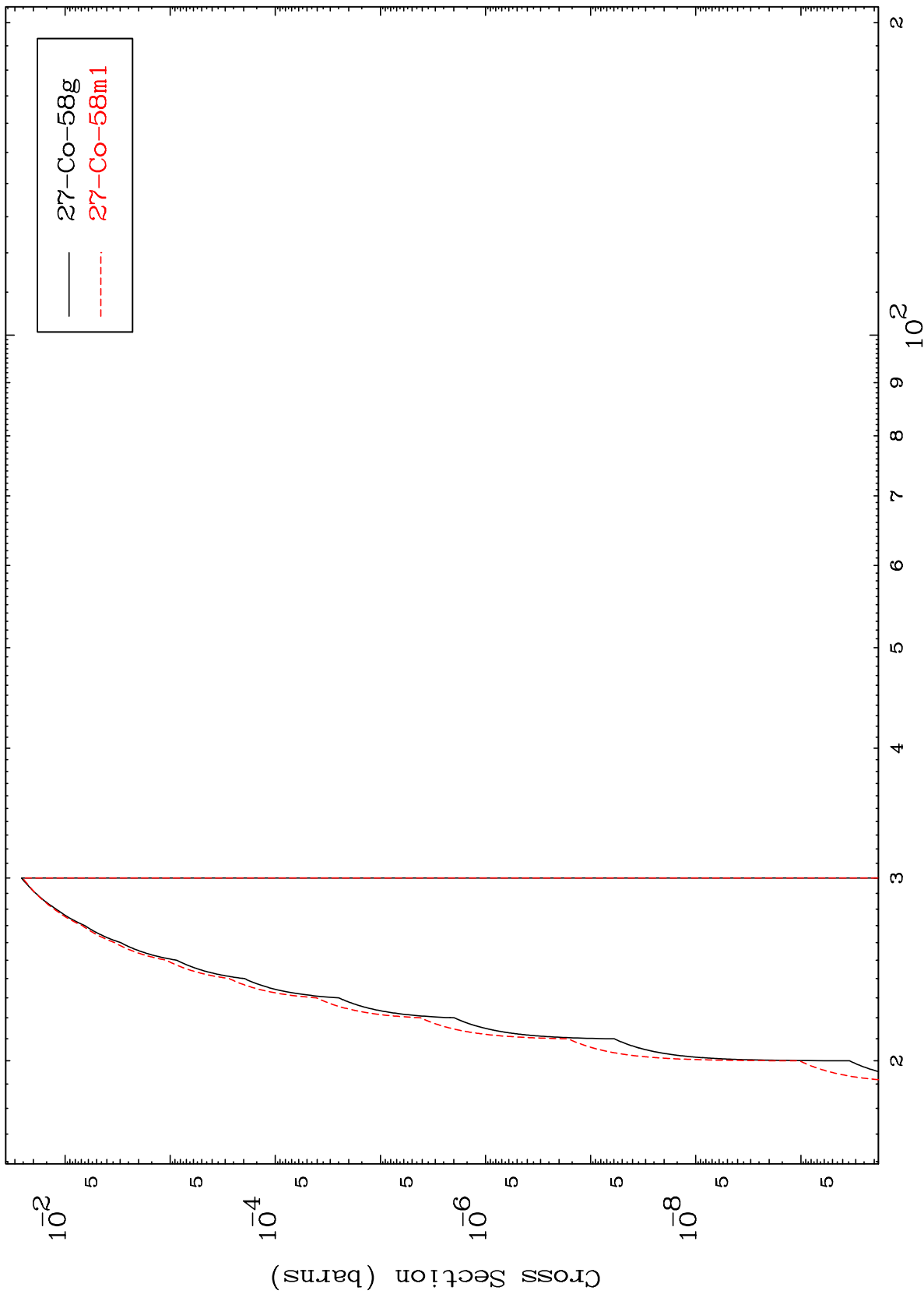


MAT 2925

(n,2n)  $\alpha$

29-Cu-63

Radionuclide Production Cross Section



106

Incident Energy (MeV)

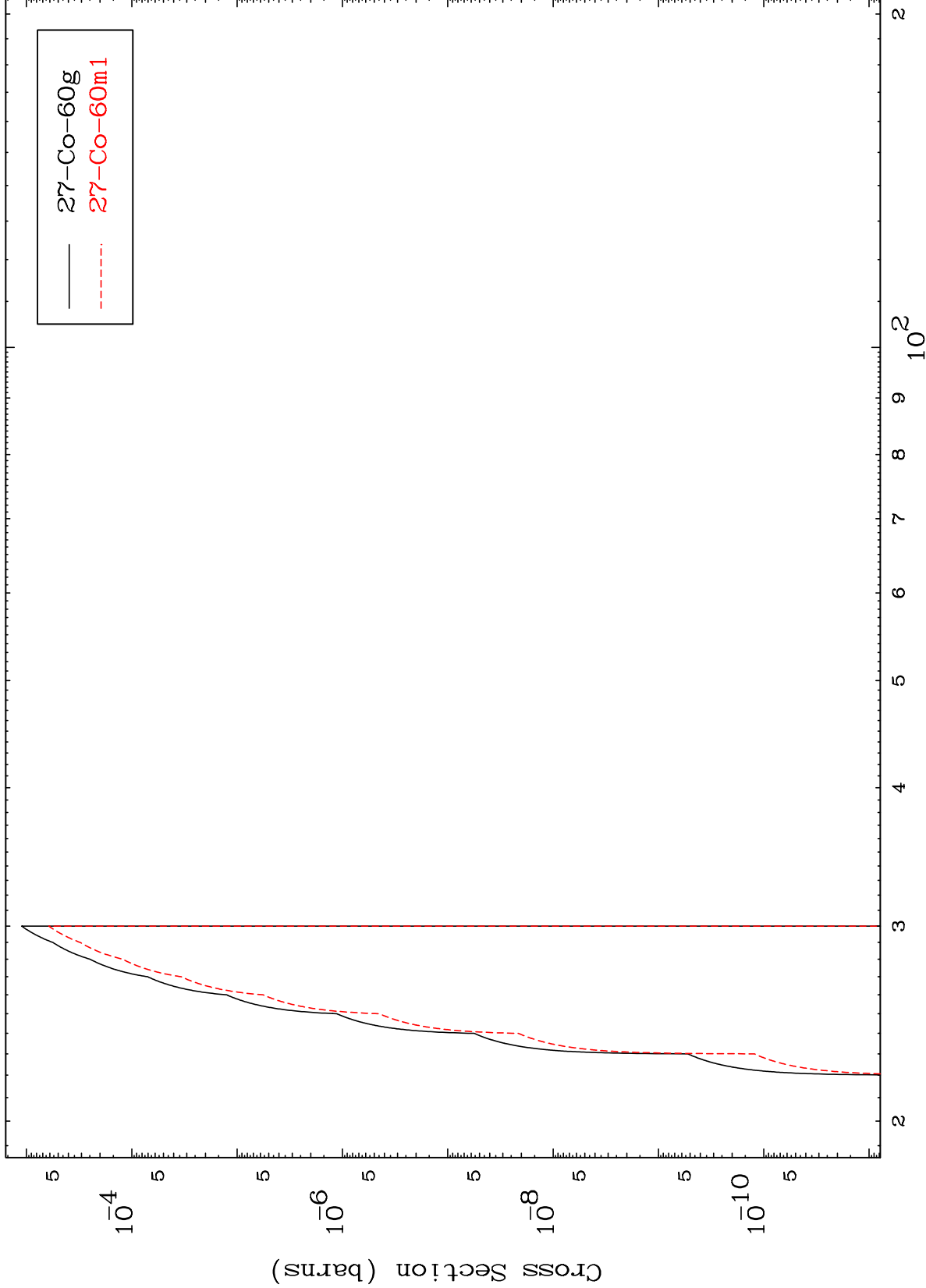
29-Cu-63

MAT 2925

(n,n') He-3

29-Cu-63

Radionuclide Production Cross Section



107

Incident Energy (MeV)

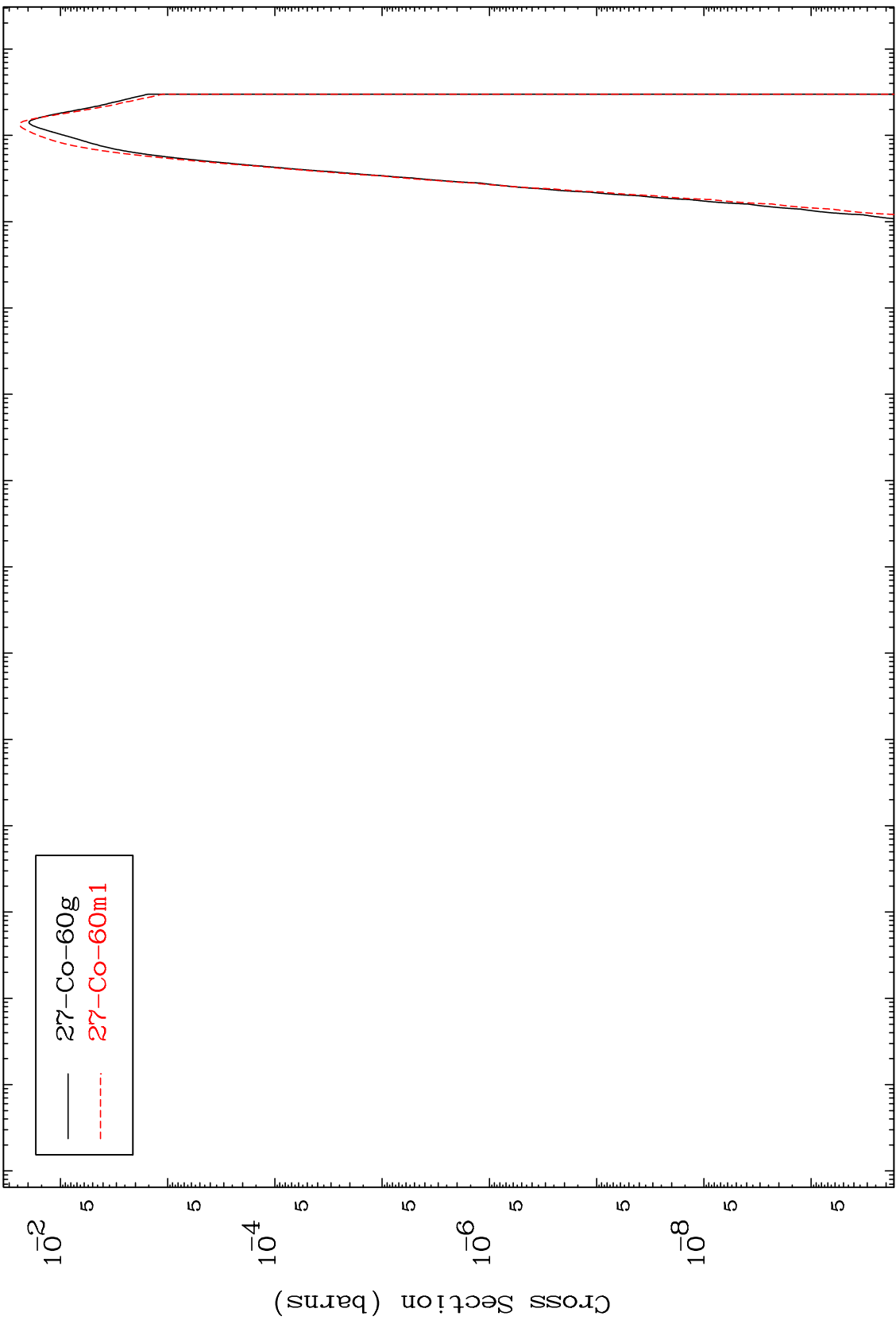
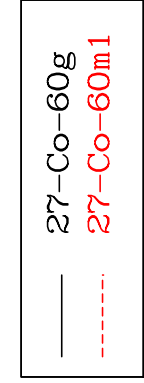
29-Cu-63

MAT 2925

(n,  $\alpha$ )

<sup>29</sup>Cu-63

Radionuclide Production Cross Section



10<sup>-2</sup>  
5  
10<sup>-4</sup>  
5  
10<sup>-6</sup>  
5  
10<sup>-8</sup>  
5  
10<sup>-10</sup>  
10<sup>-2</sup>  
10<sup>0</sup>  
10<sup>2</sup>

Incident Energy (MeV)

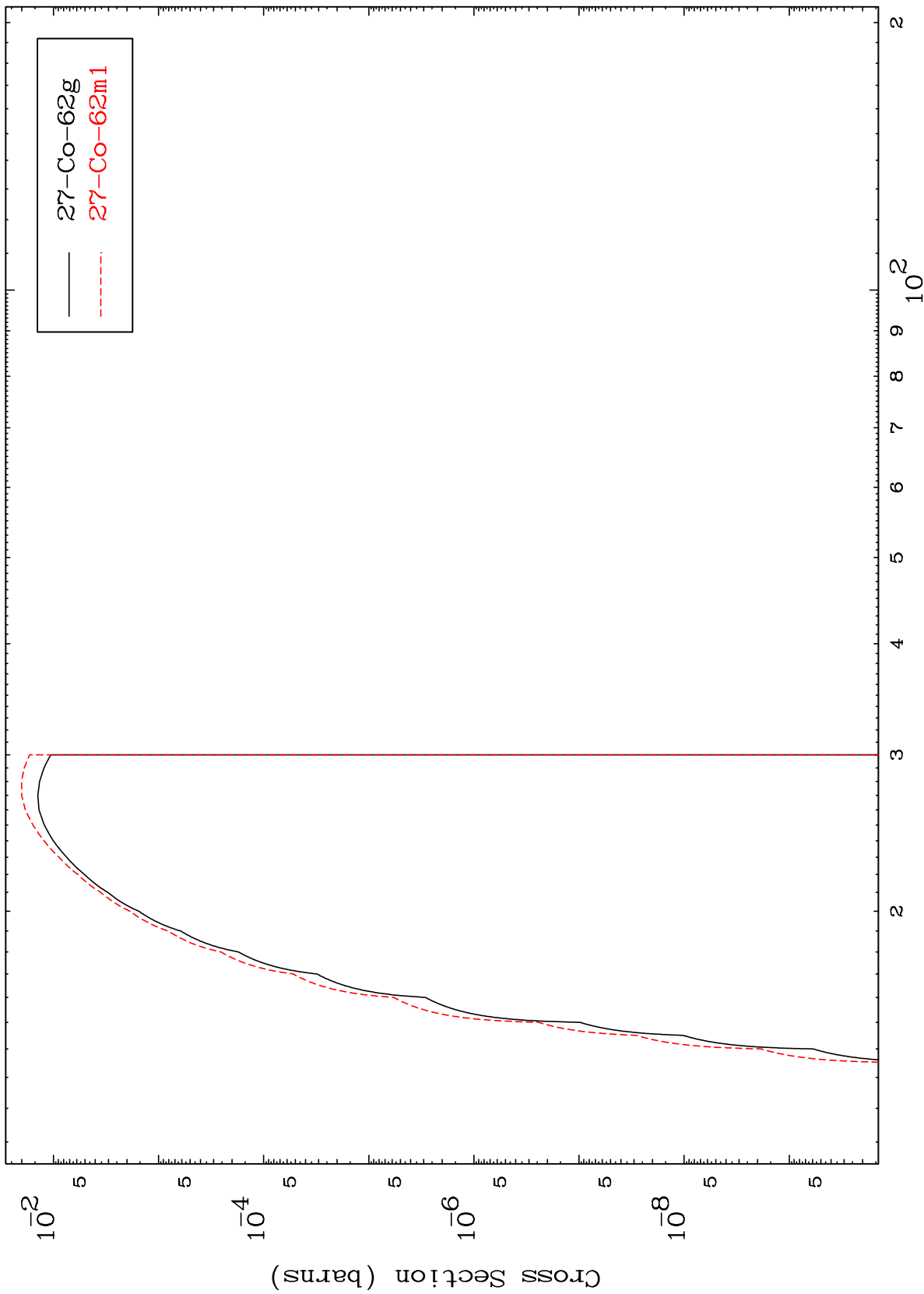
<sup>29</sup>Cu-63

108

MAT 2925

29-Cu-63

(n,2p)  
Radionuclide Production Cross Section



109

Incident Energy (MeV)

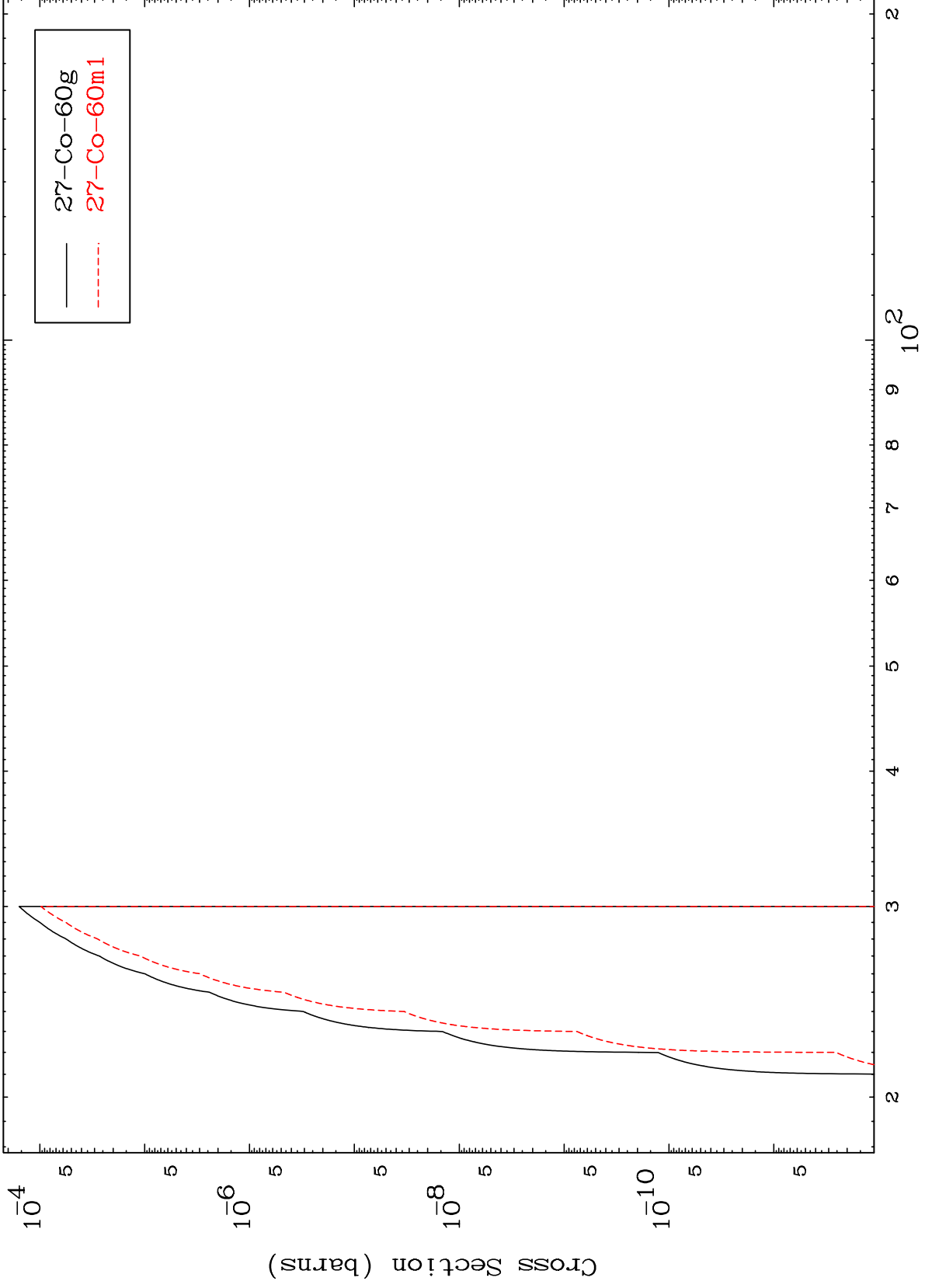
29-Cu-63

MAT 2925

(n,p) t

29-Cu-63

Radionuclide Production Cross Section



110

Incident Energy (MeV)

29-Cu-63