

Program EVALPLOT
(Version 2015-2)

by

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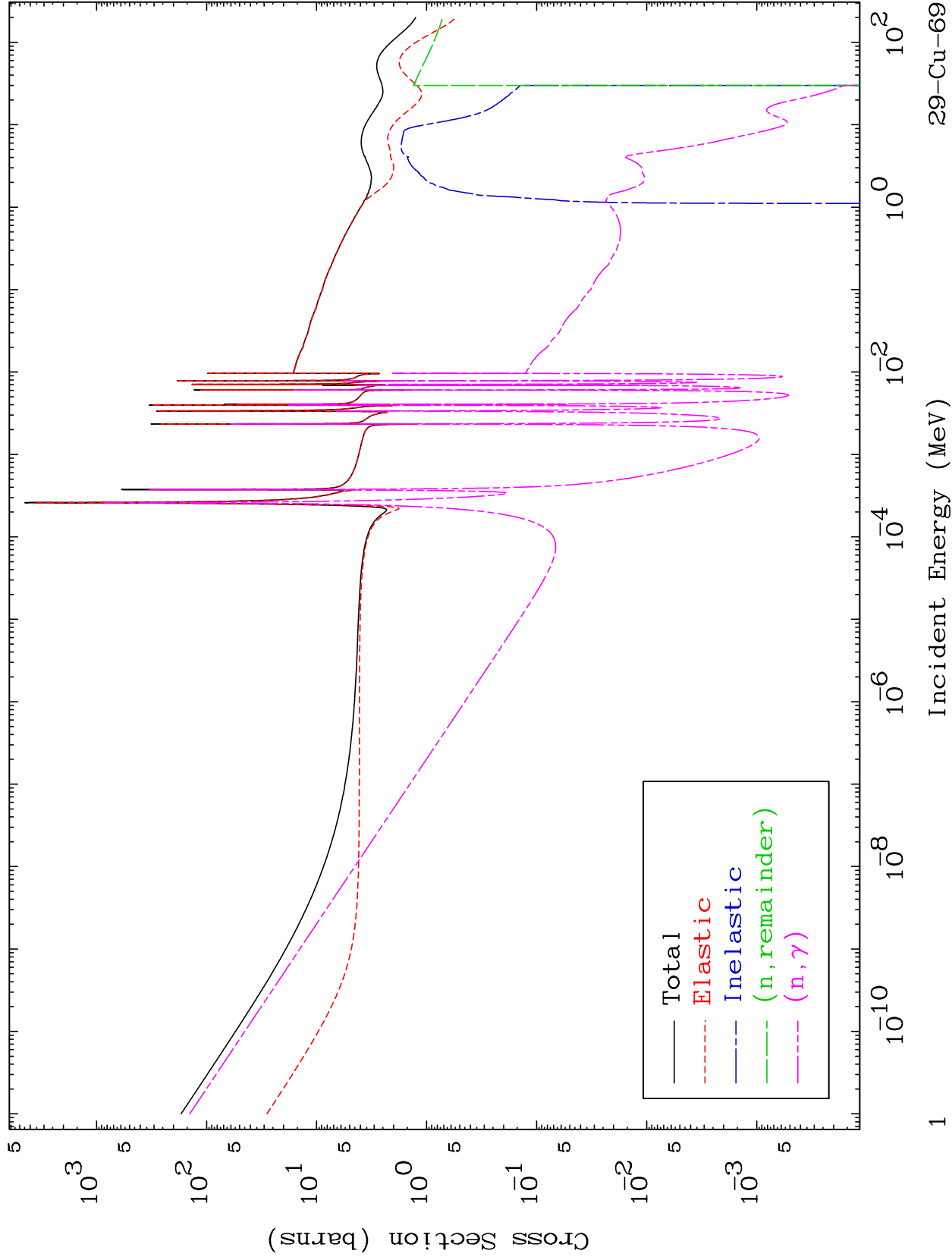
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2943

Major
293 Kelvin Cross Sections

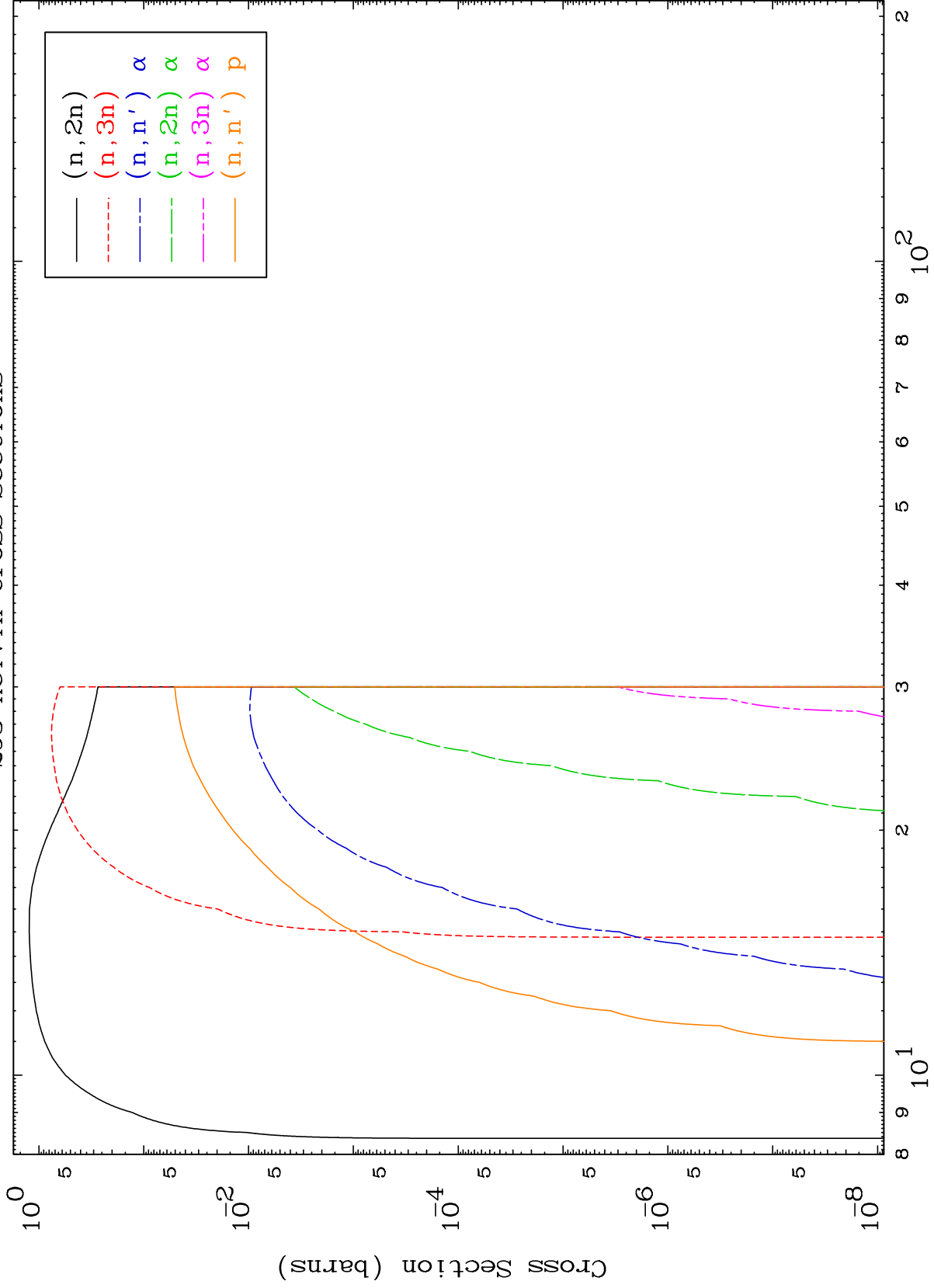
29-Cu-69



MAT 2943

Neutron Production
293 Kelvin Cross Sections

29-Cu-69



Incident Energy (MeV)

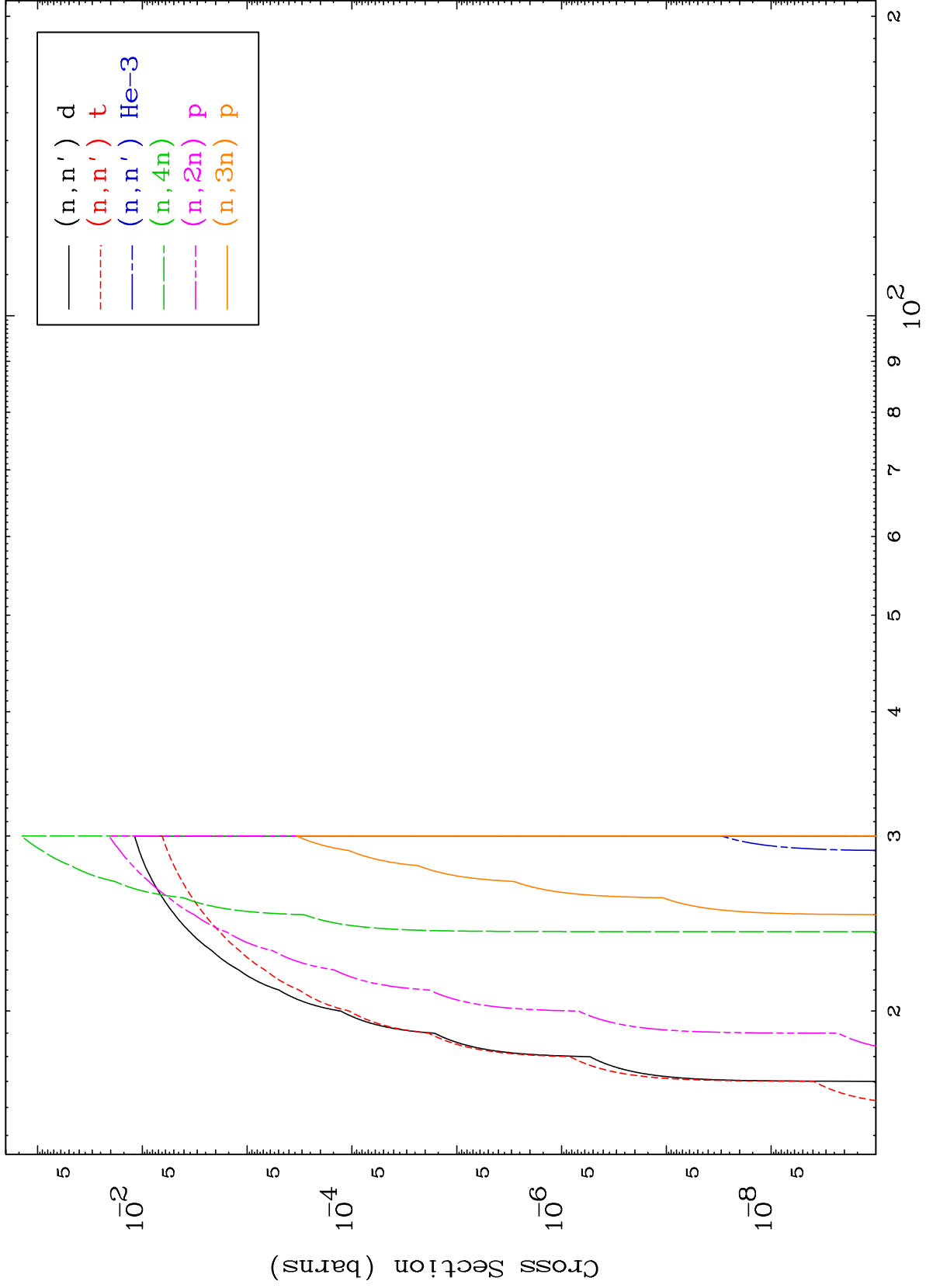
29-Cu-69

2

MAT 2943

Neutron Production
293 Kelvin Cross Sections

29-Cu-69



3

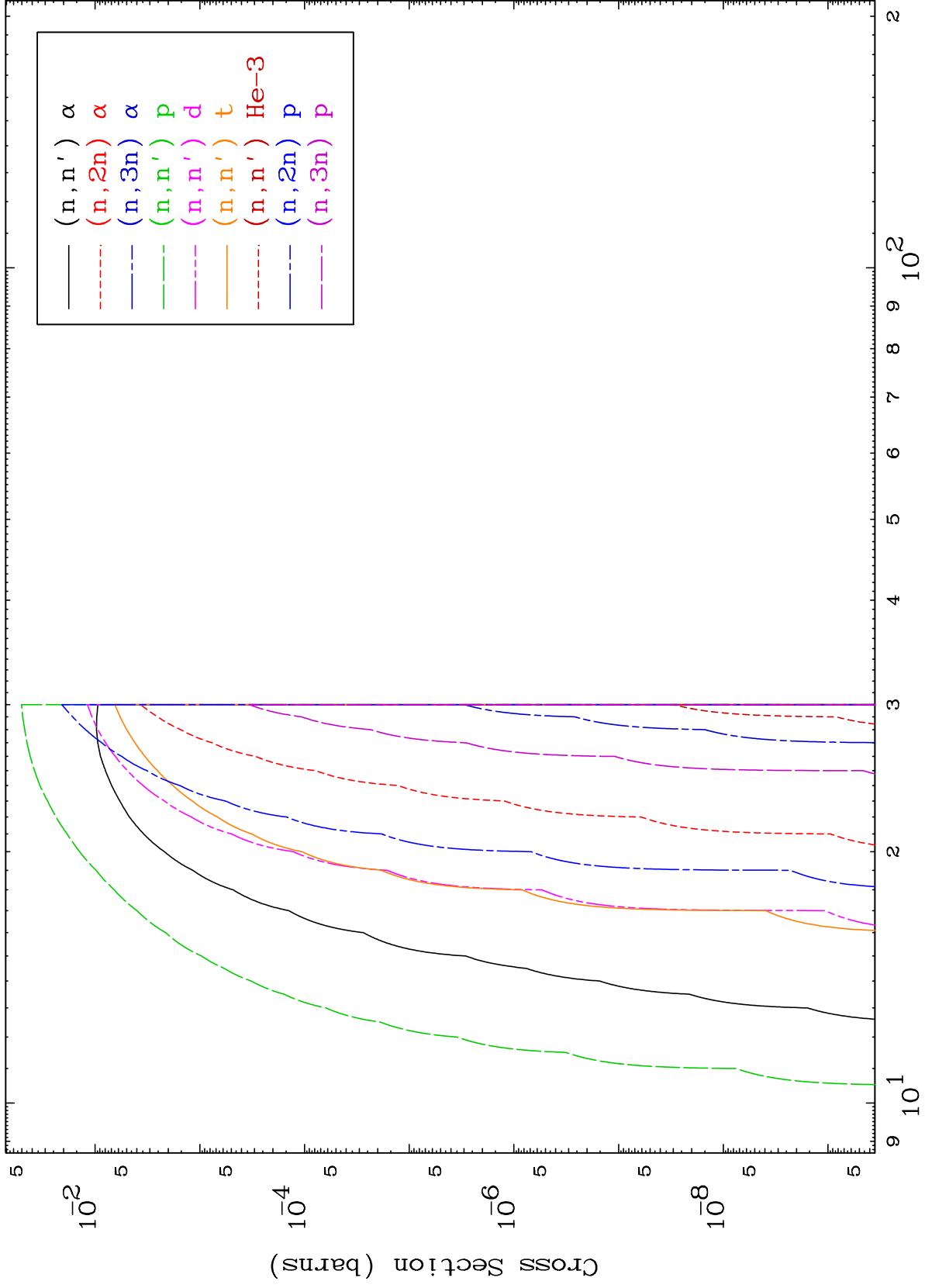
Incident Energy (MeV)

29-Cu-69

MAT 2943

Charged Particle
293 Kelvin Cross Sections

29-Cu-69



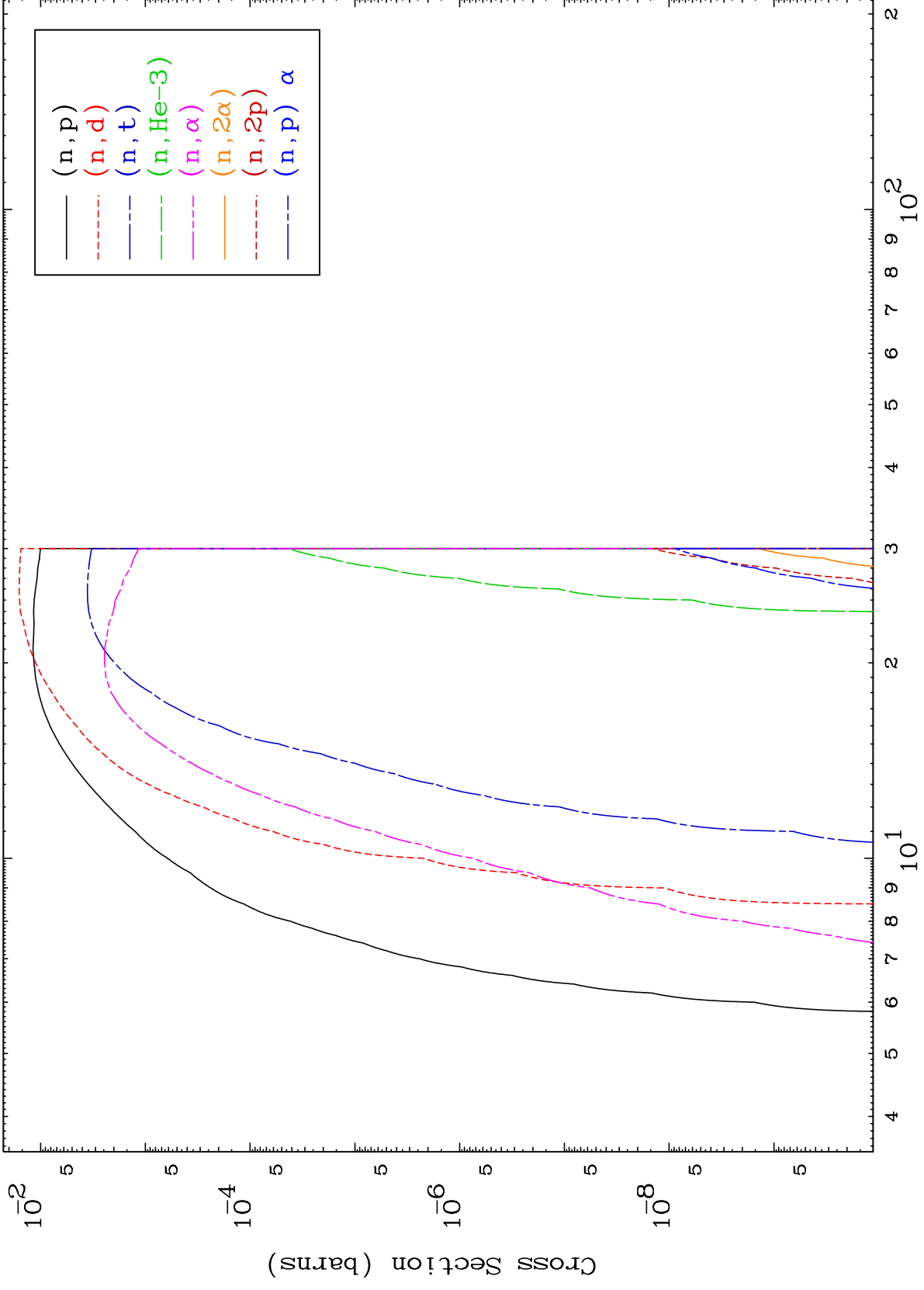
Incident Energy (MeV)

29-Cu-69

MAT 2943

Charged Particle
293 Kelvin Cross Sections

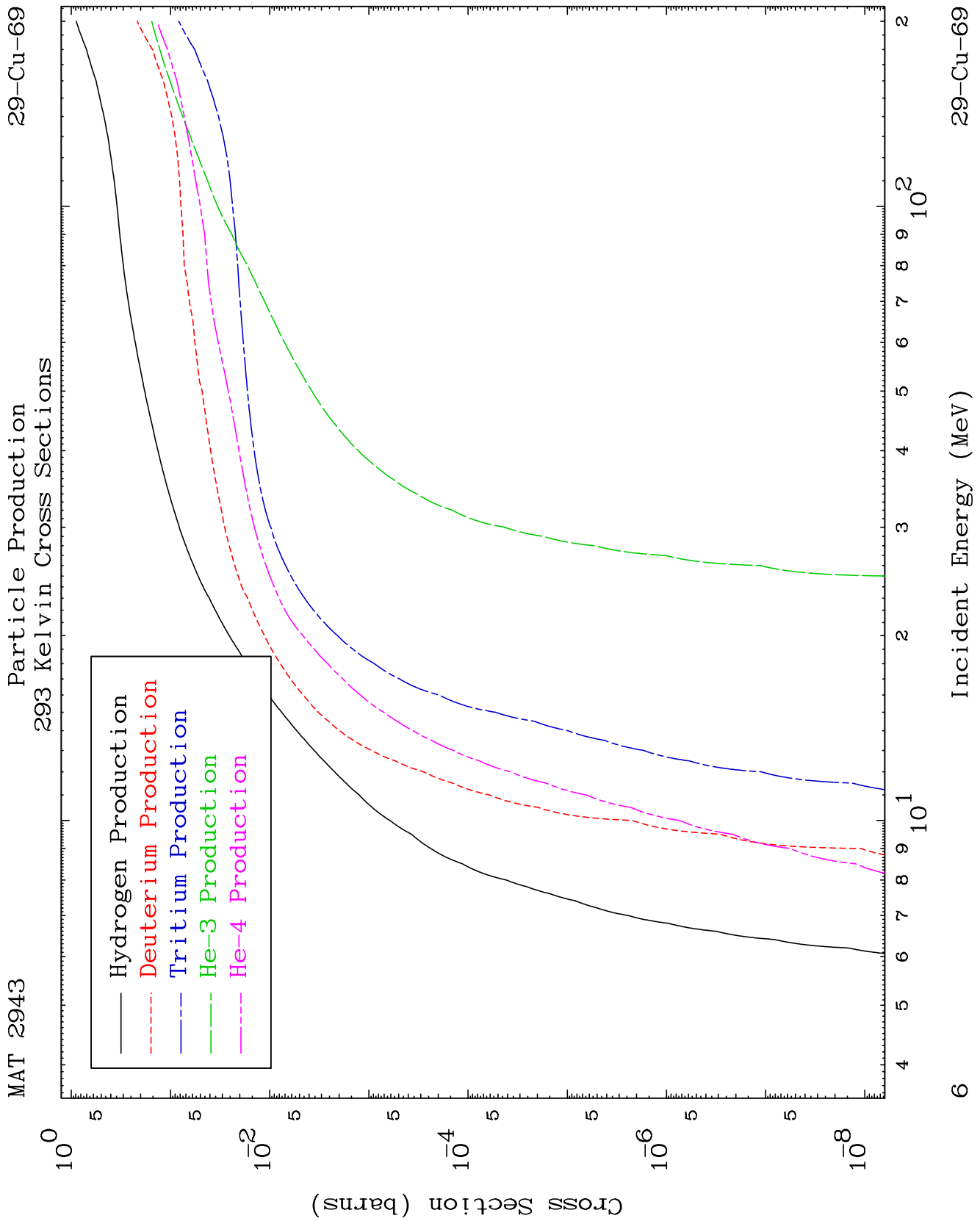
29-Cu-69



5

Incident Energy (MeV)

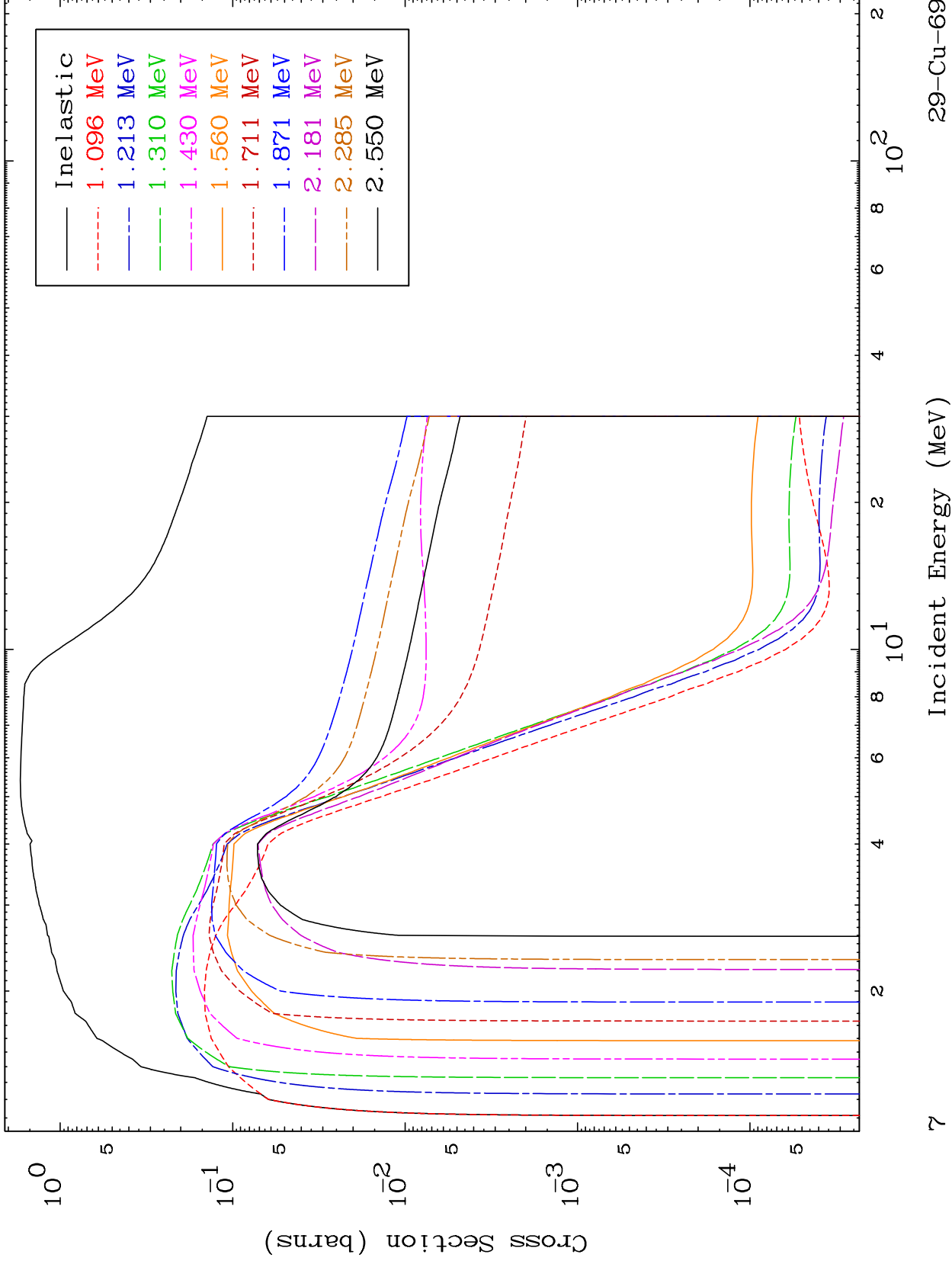
29-Cu-69



MAT 2943

(n,n') Level
293 Kelvin Cross Sections

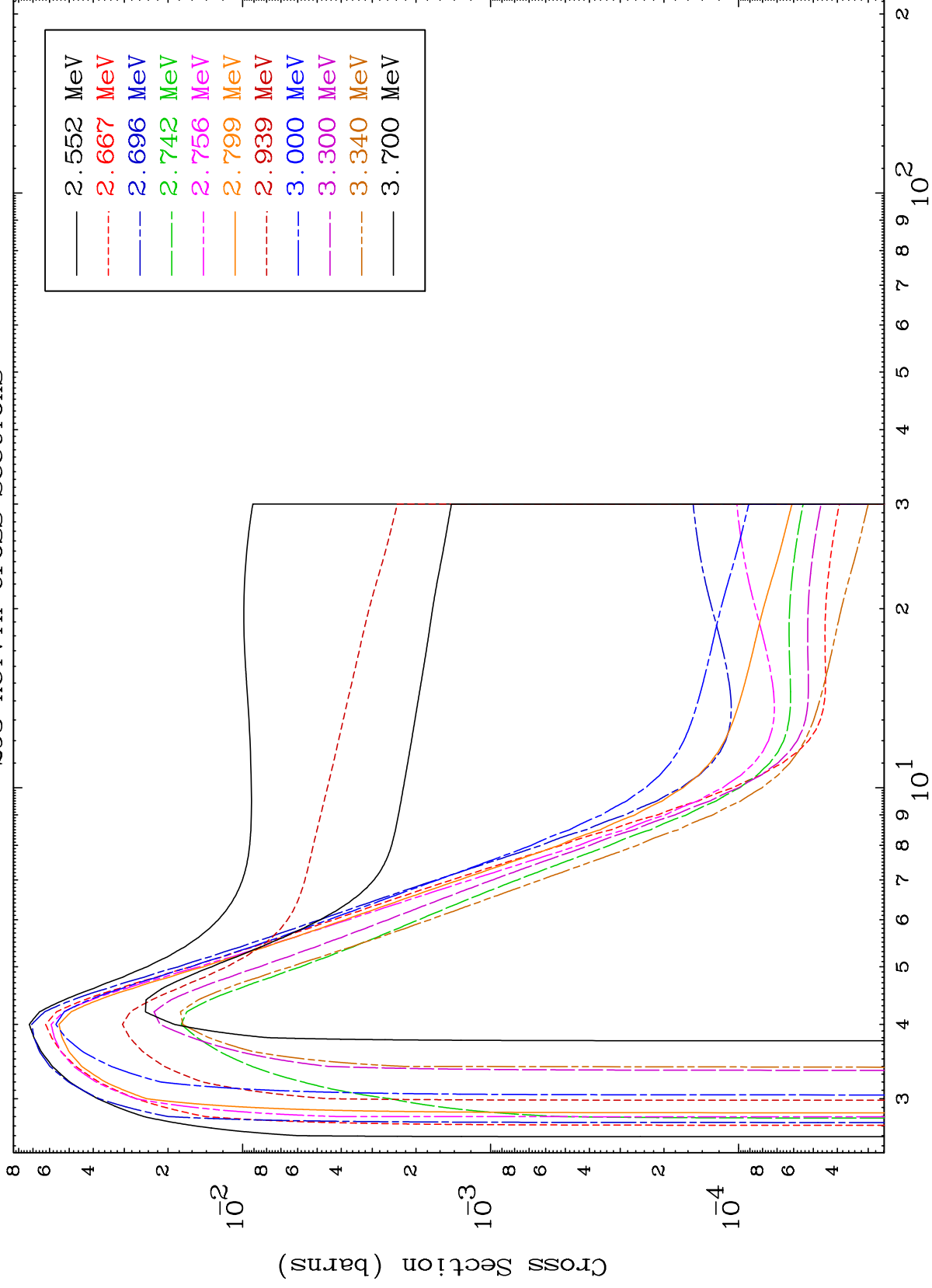
29-Cu-69



MAT 2943

(n,n') Level
293 Kelvin Cross Sections

29-Cu-69



8

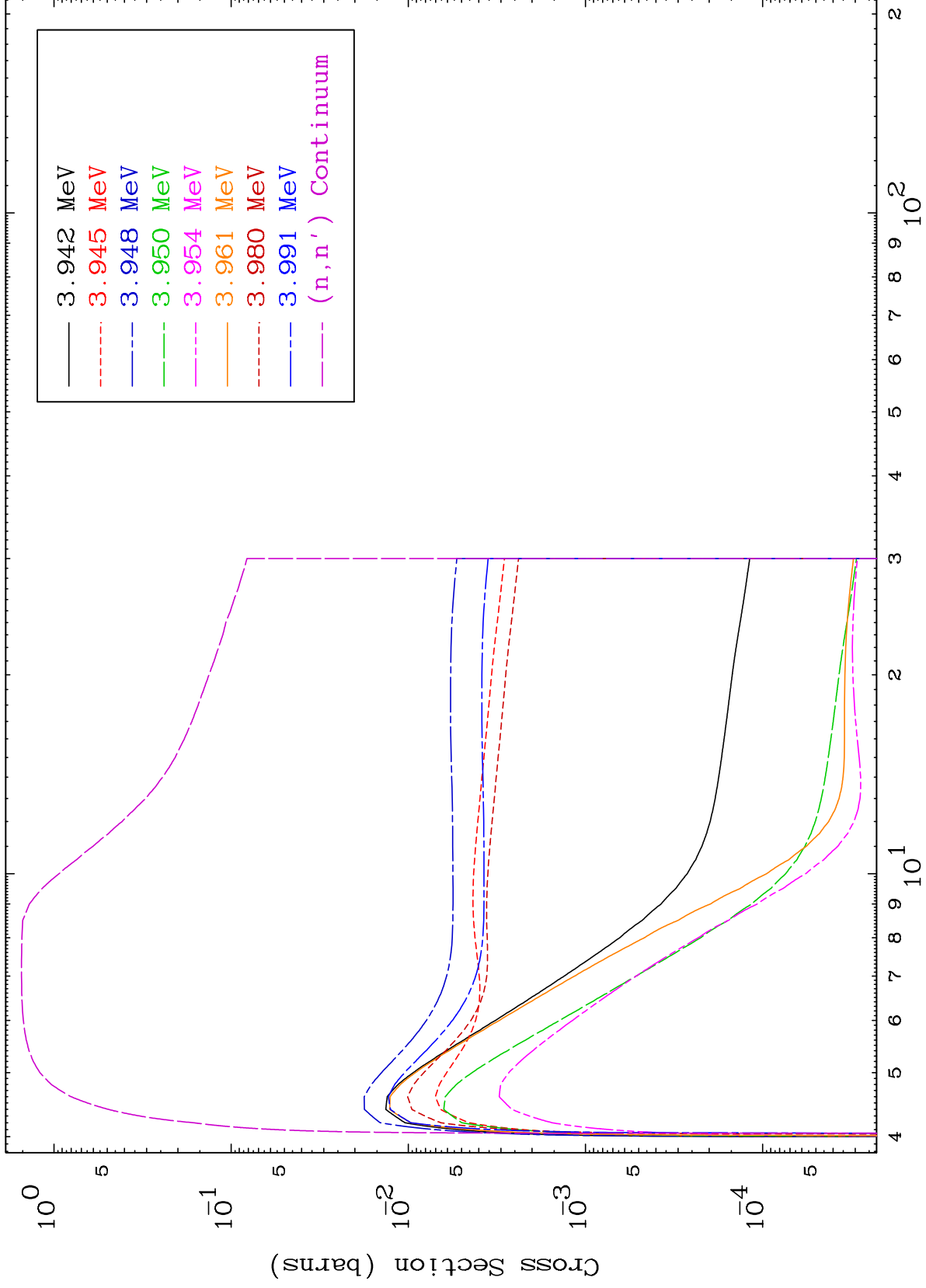
Incident Energy (MeV)

29-Cu-69

MAT 2943

(n,n') Level
293 Kelvin Cross Sections

29-Cu-69



9

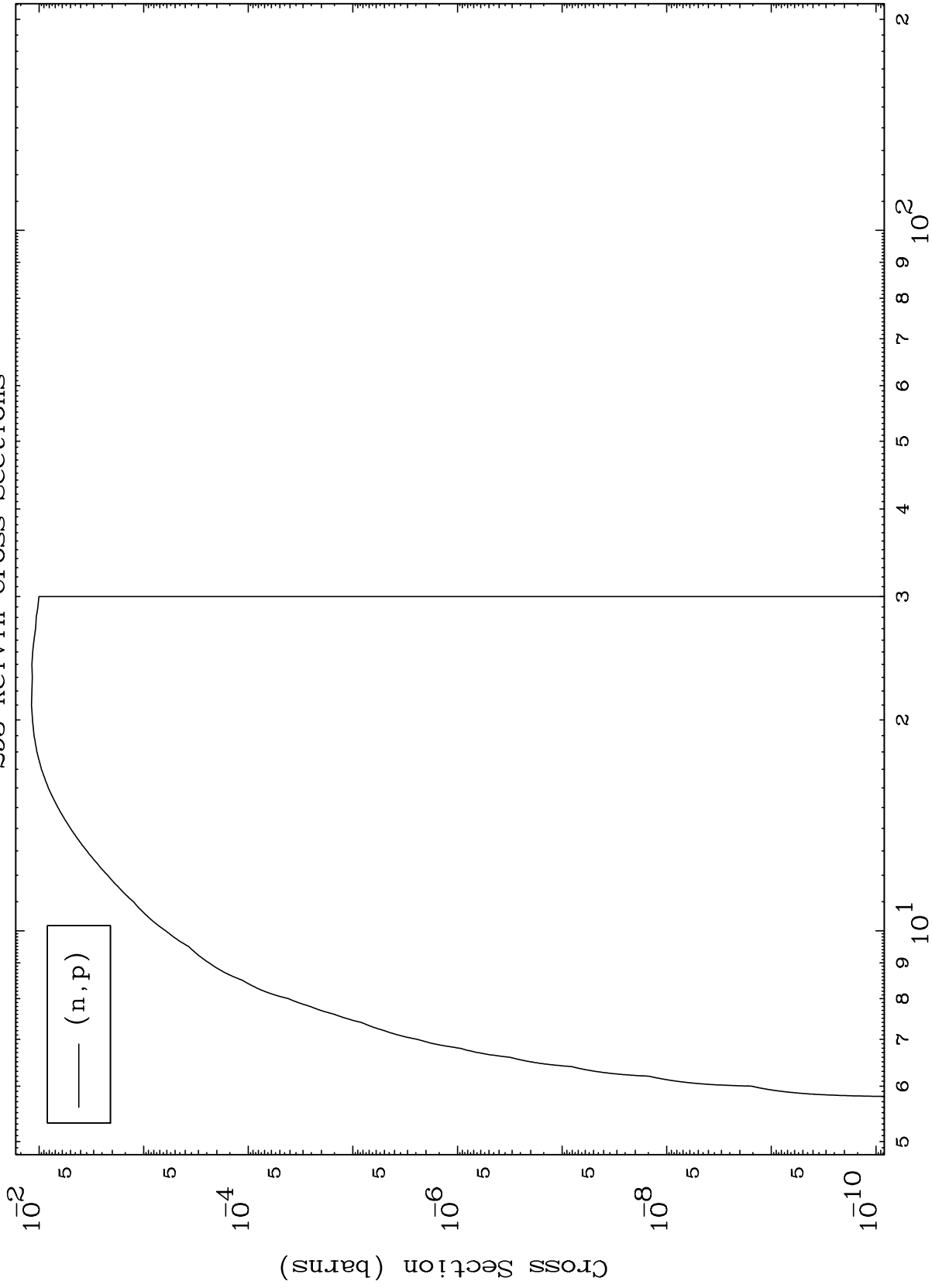
Incident Energy (MeV)

29-Cu-69

MAT 2943

(n,p) Levels
293 Kelvin Cross Sections

29-Cu-69



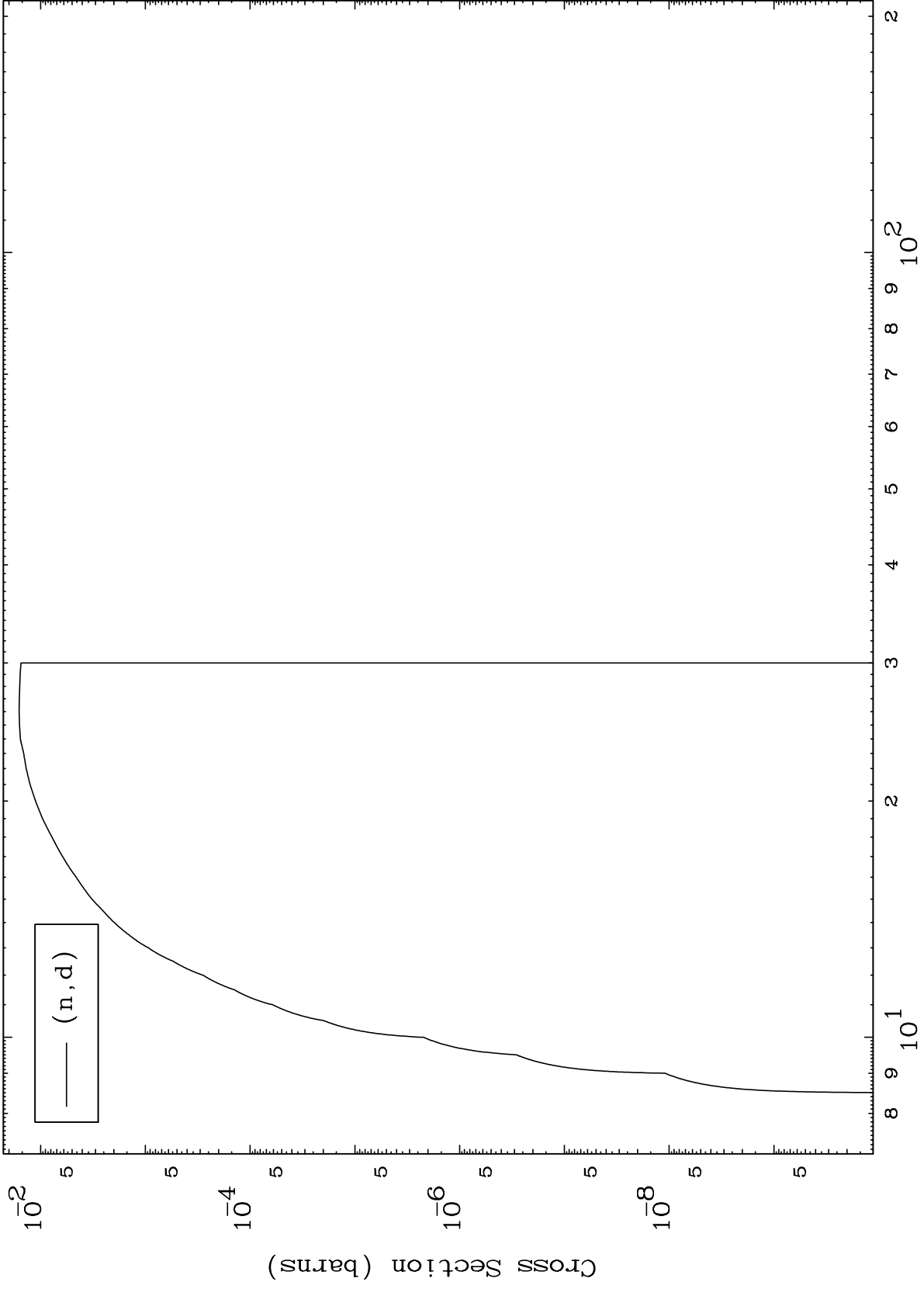
Incident Energy (MeV)

29-Cu-69

MAT 2943

(n,d) Levels
293 Kelvin Cross Sections

29-Cu-69



11

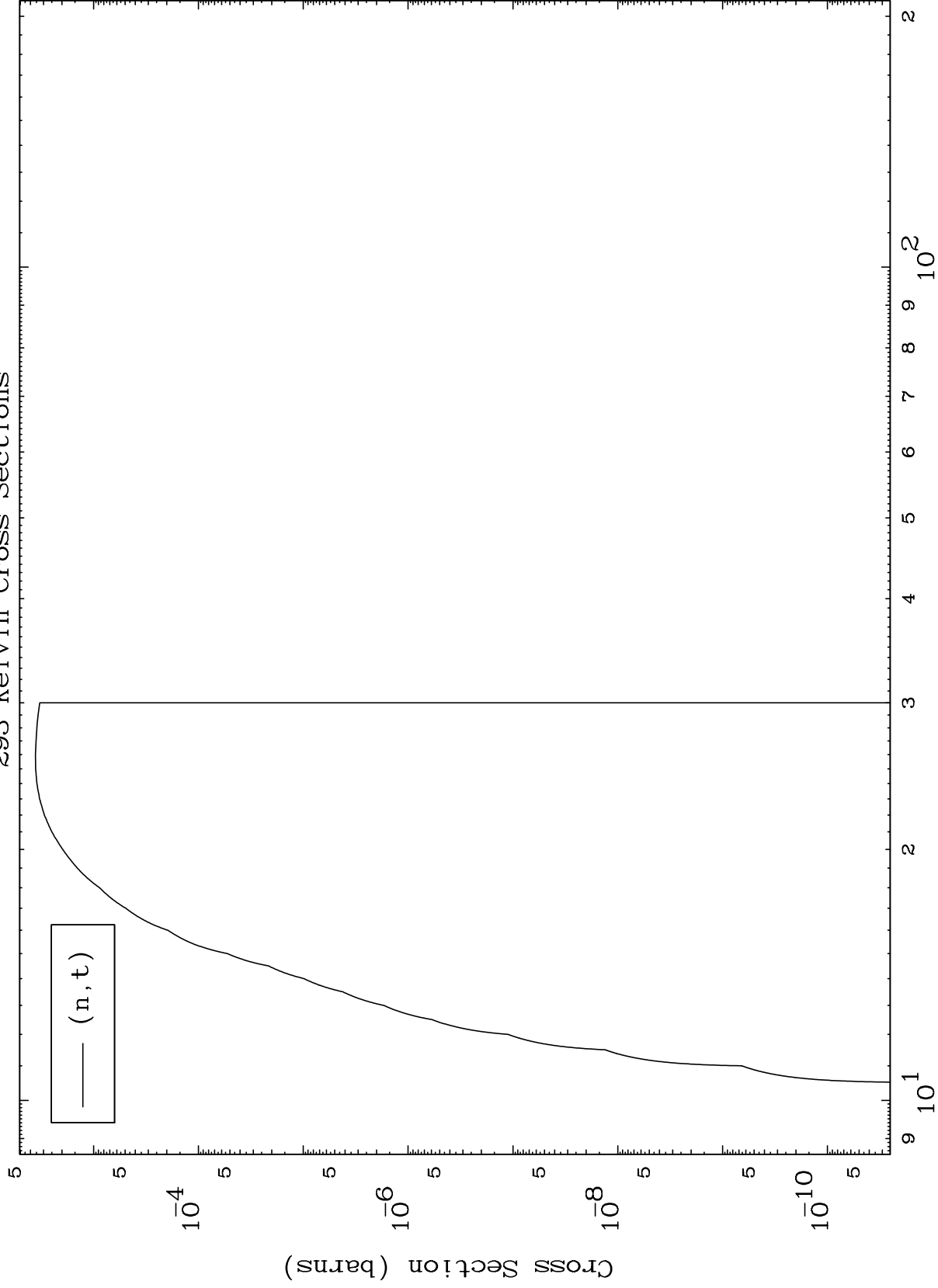
Incident Energy (MeV)

29-Cu-69

MAT 2943

(n,t) Levels
293 Kelvin Cross Sections

29-Cu-69



12

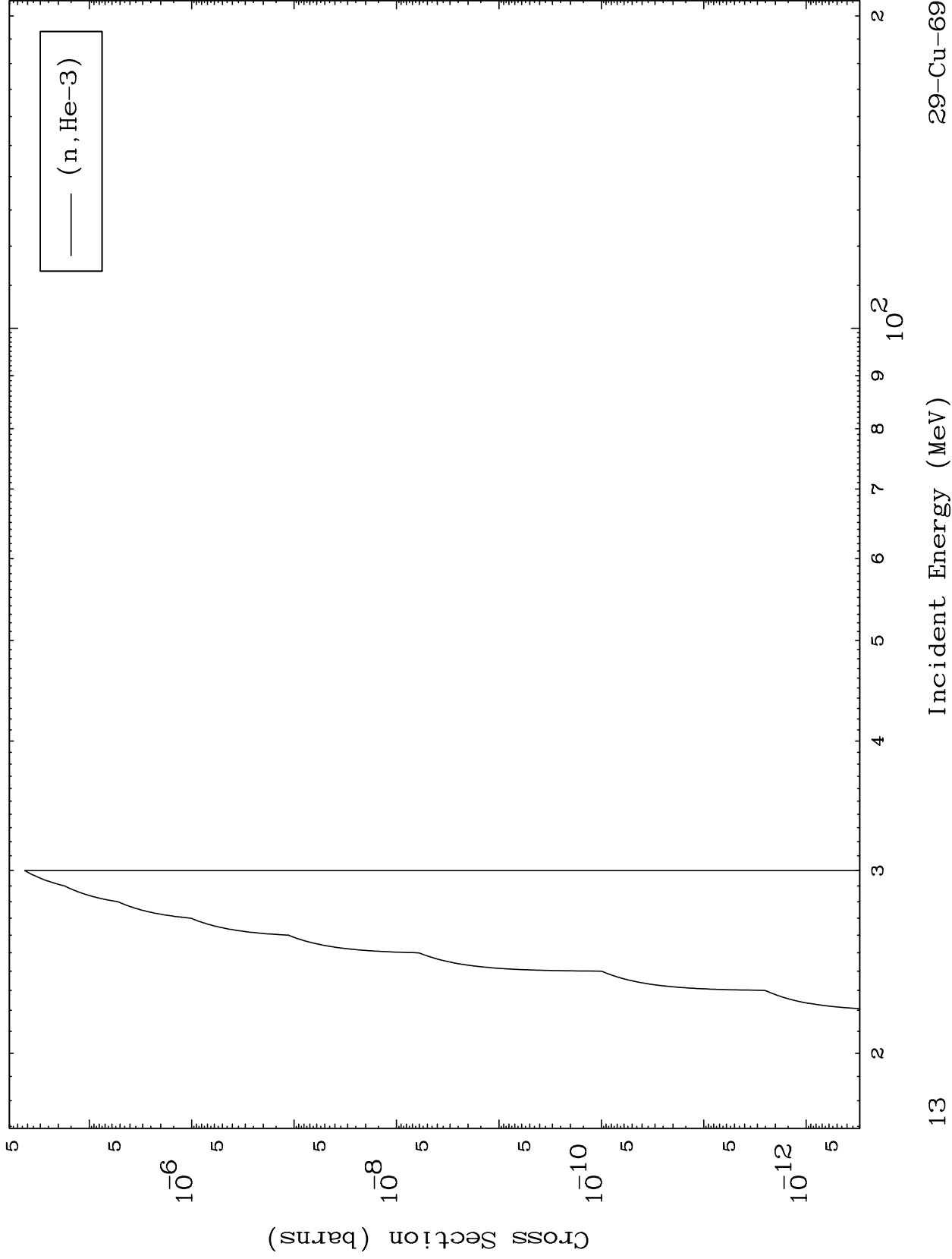
Incident Energy (MeV)

29-Cu-69

MAT 2943

(n,He3) Levels
293 Kelvin Cross Sections

29-Cu-69



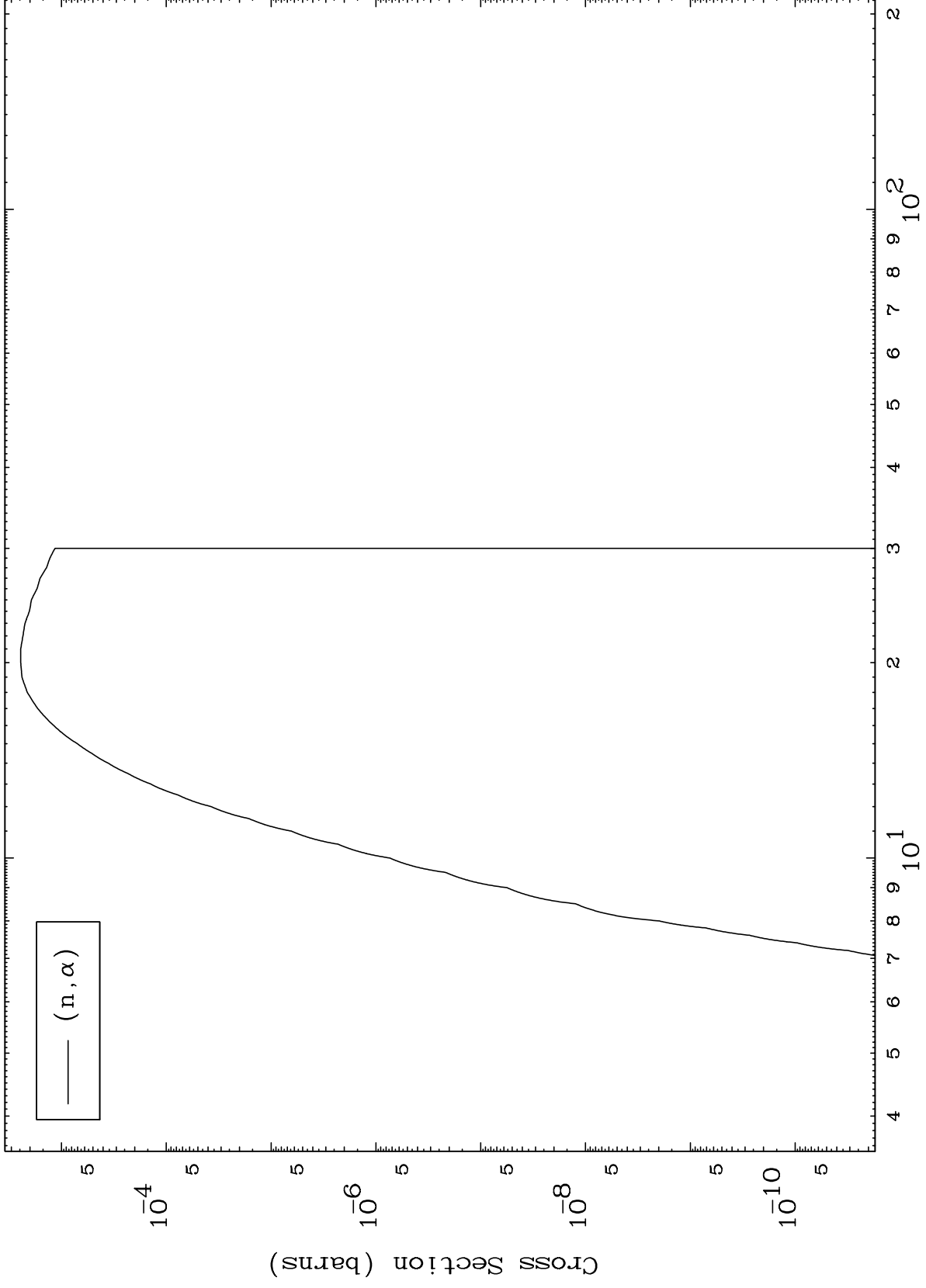
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29-Cu-69

MAT 2943

(n, α) Levels
293 Kelvin Cross Sections

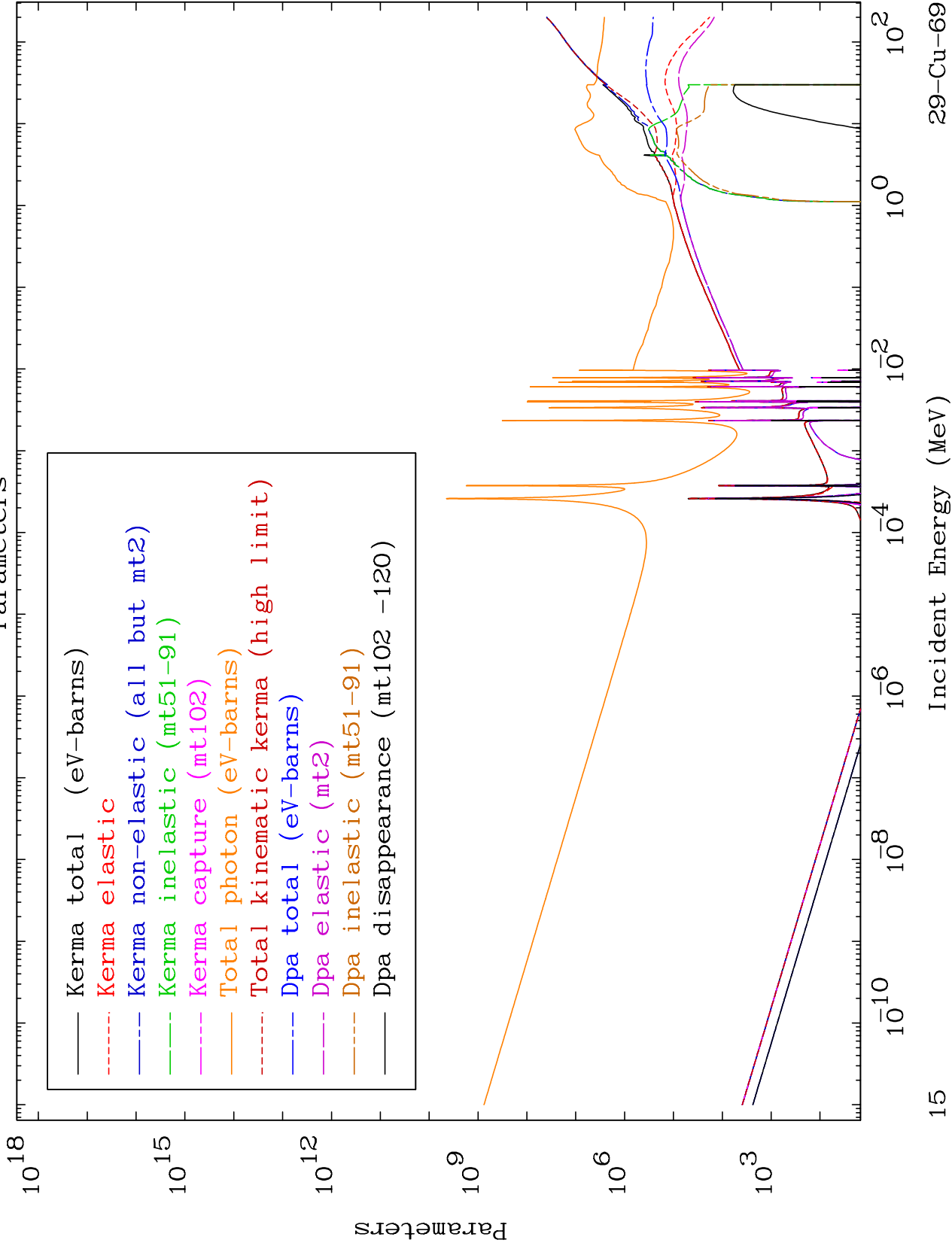
29-Cu-69



14

Incident Energy (MeV)

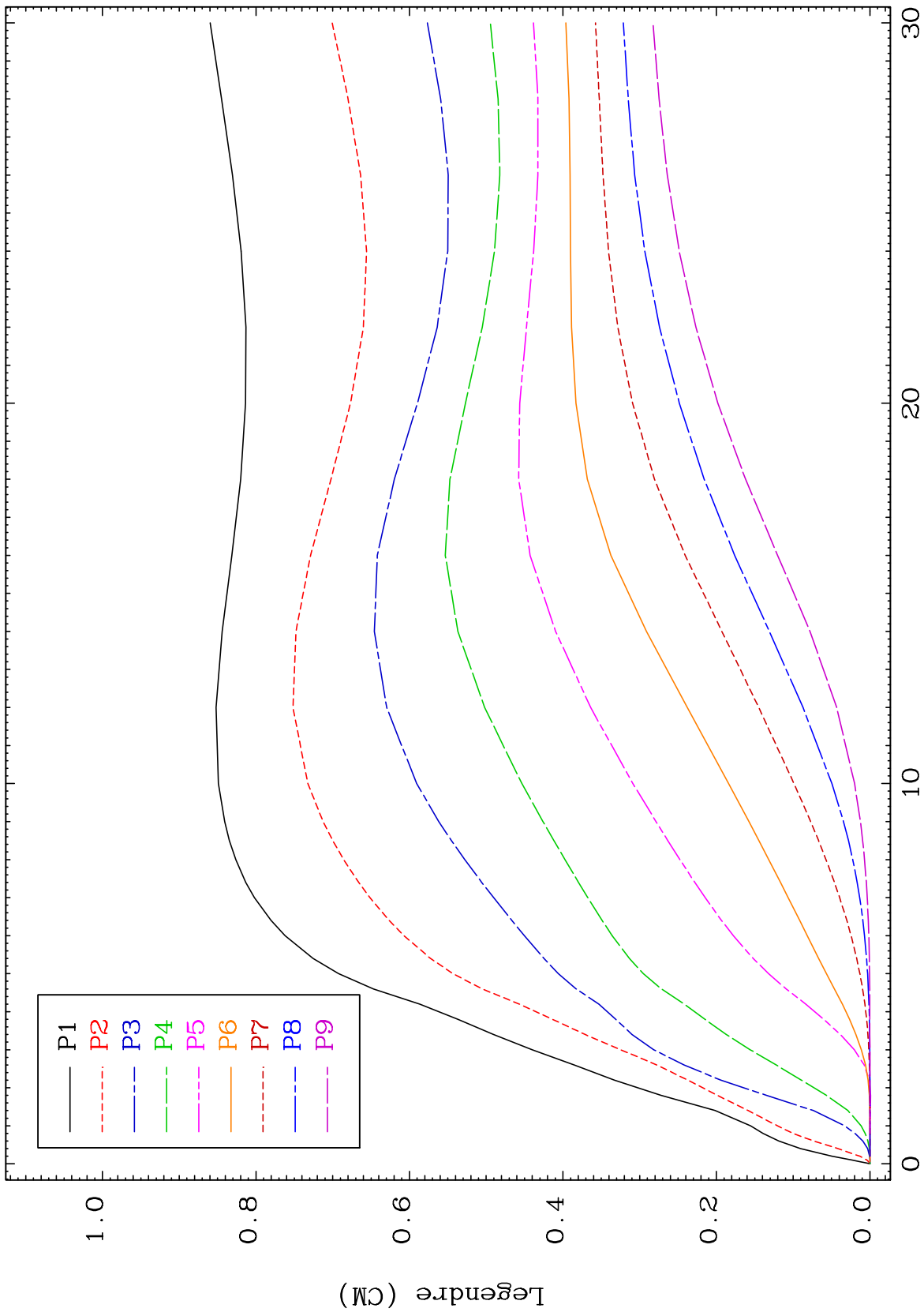
29-Cu-69



MAT 2943

Elastic Legendre Coefficients

29-Cu-69



16

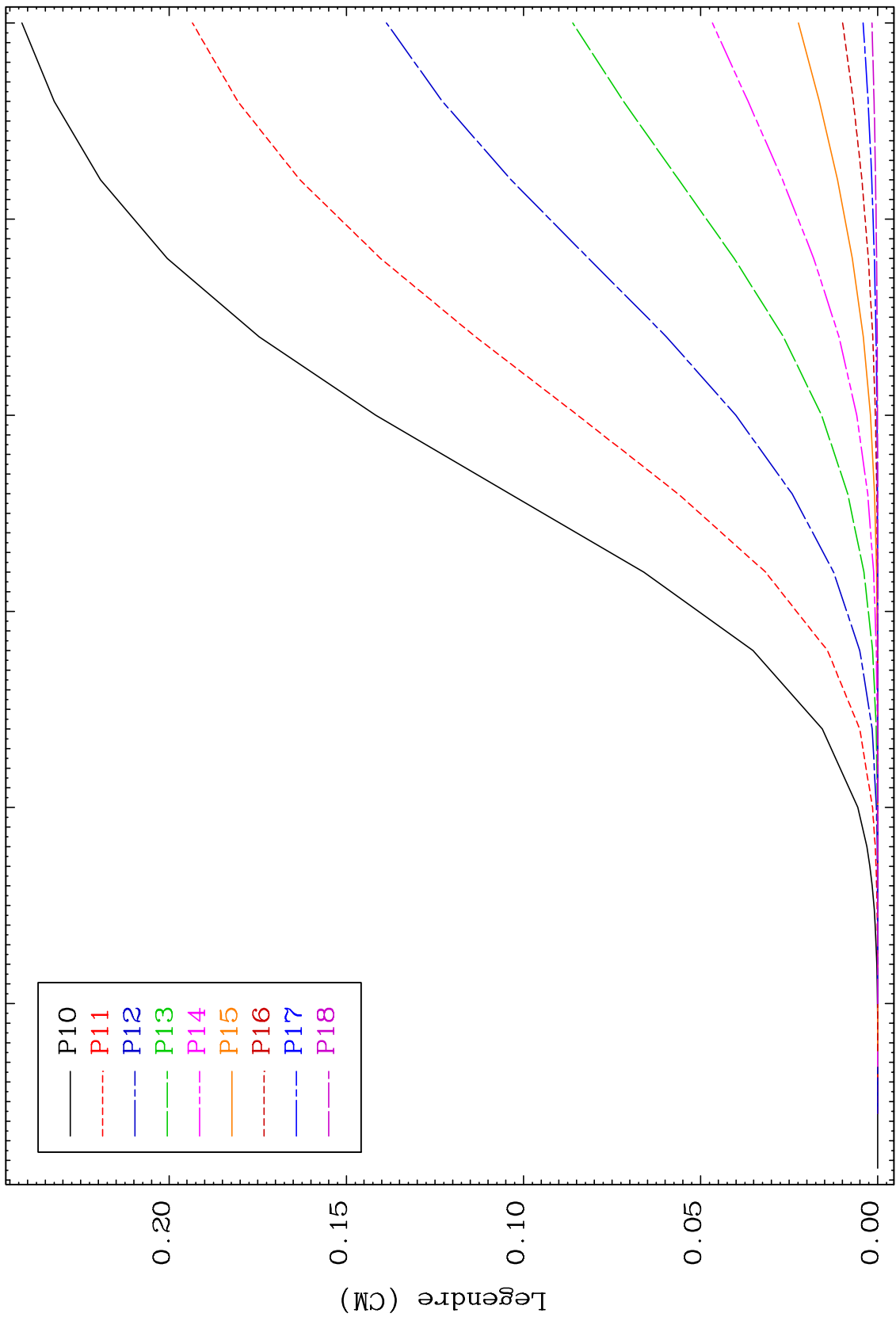
Incident Energy (MeV)

29-Cu-69

MAT 2943

Elastic Legendre Coefficients

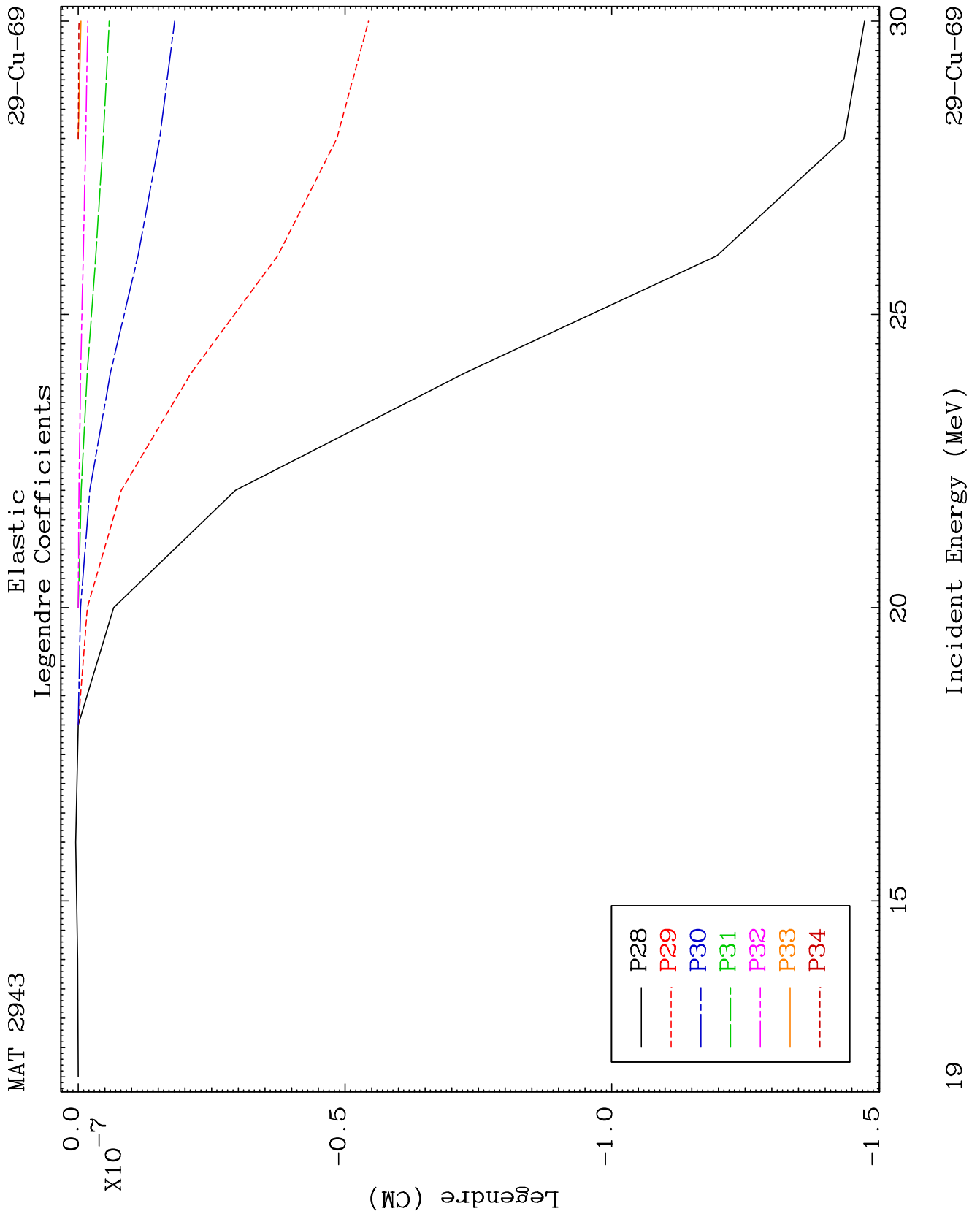
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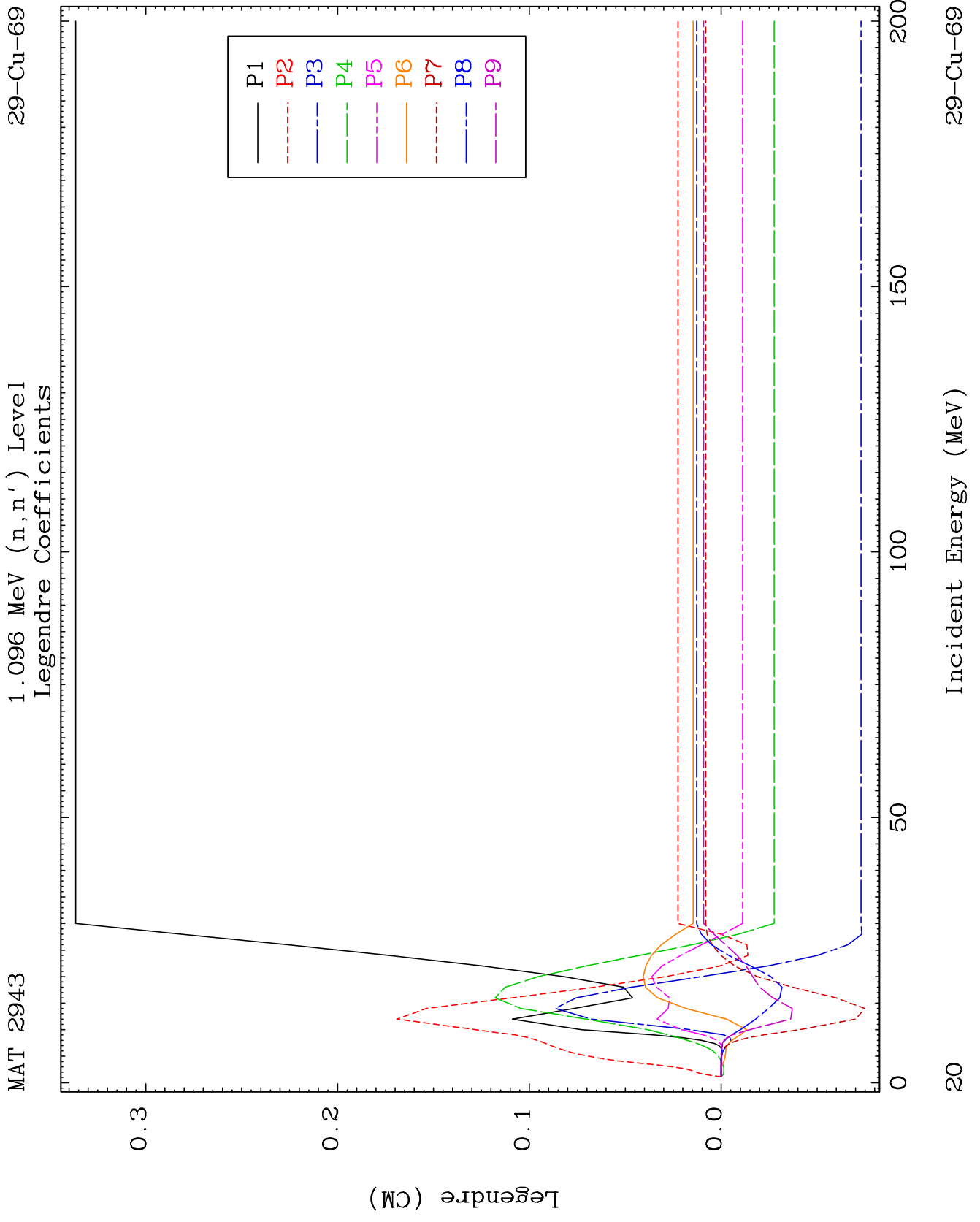


17

29-Cu-69

Incident Energy (MeV)

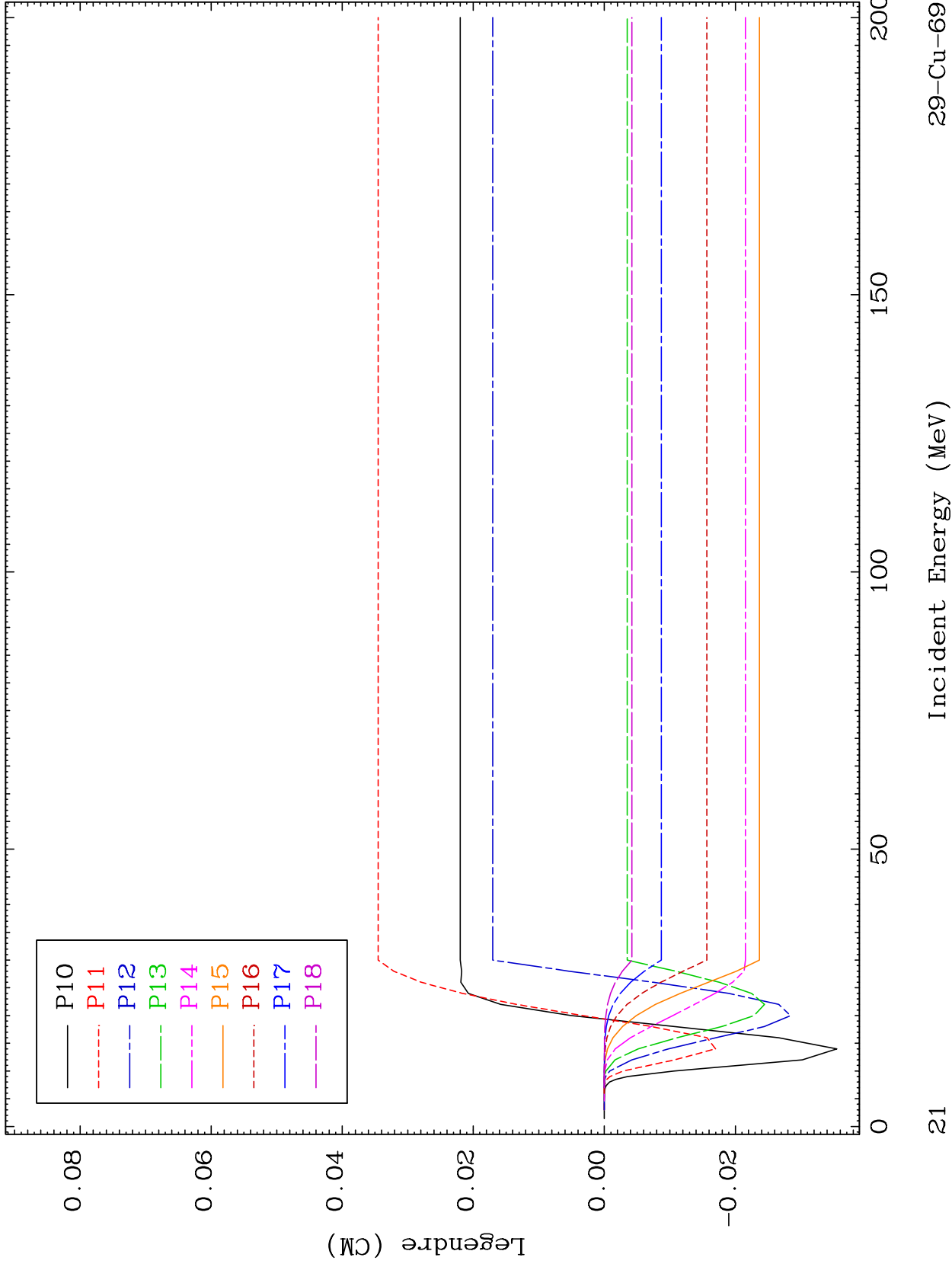




MAT 2943

1.096 MeV (n,n') Level
Legendre Coefficients

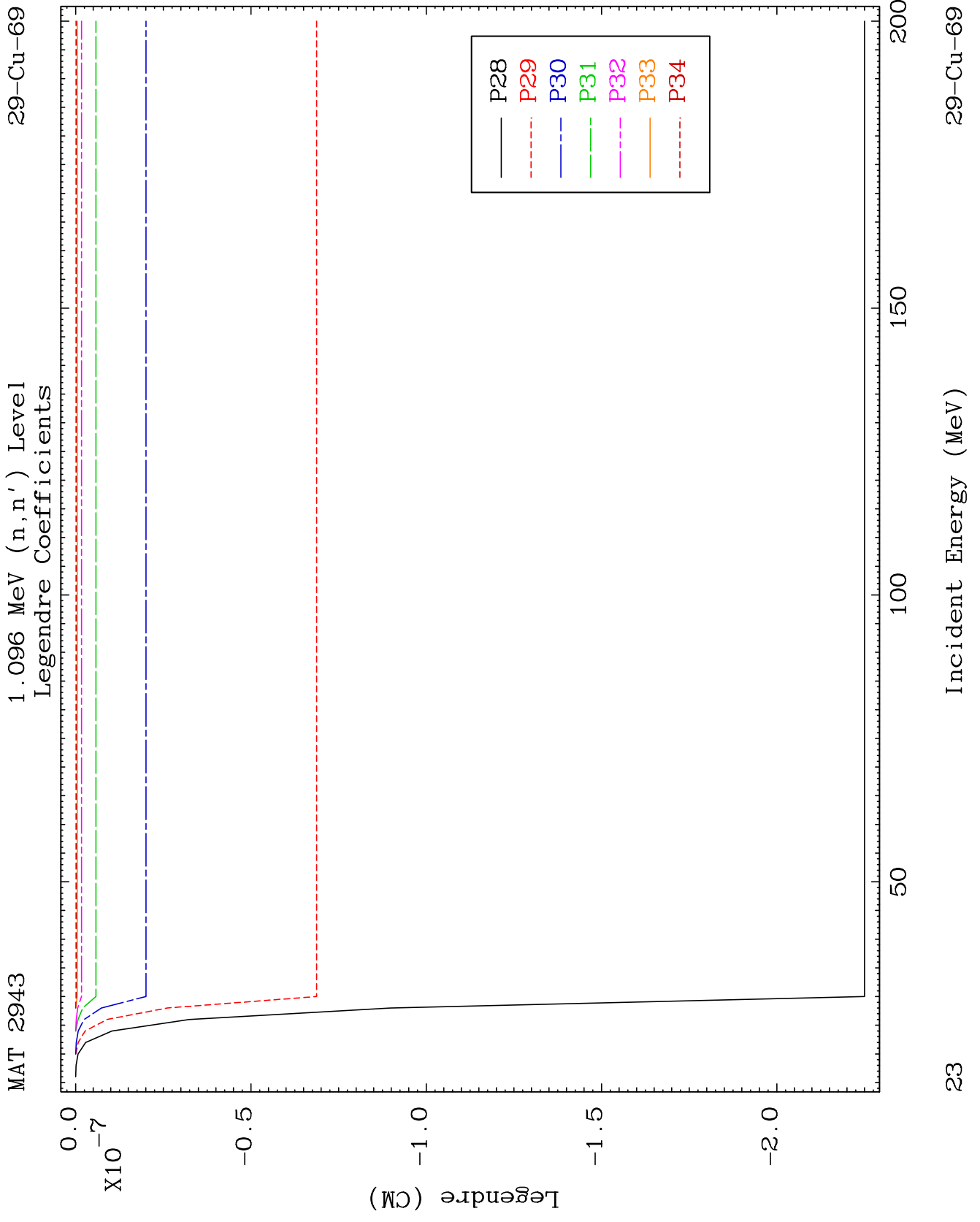
29-Cu-69



21

Incident Energy (MeV)

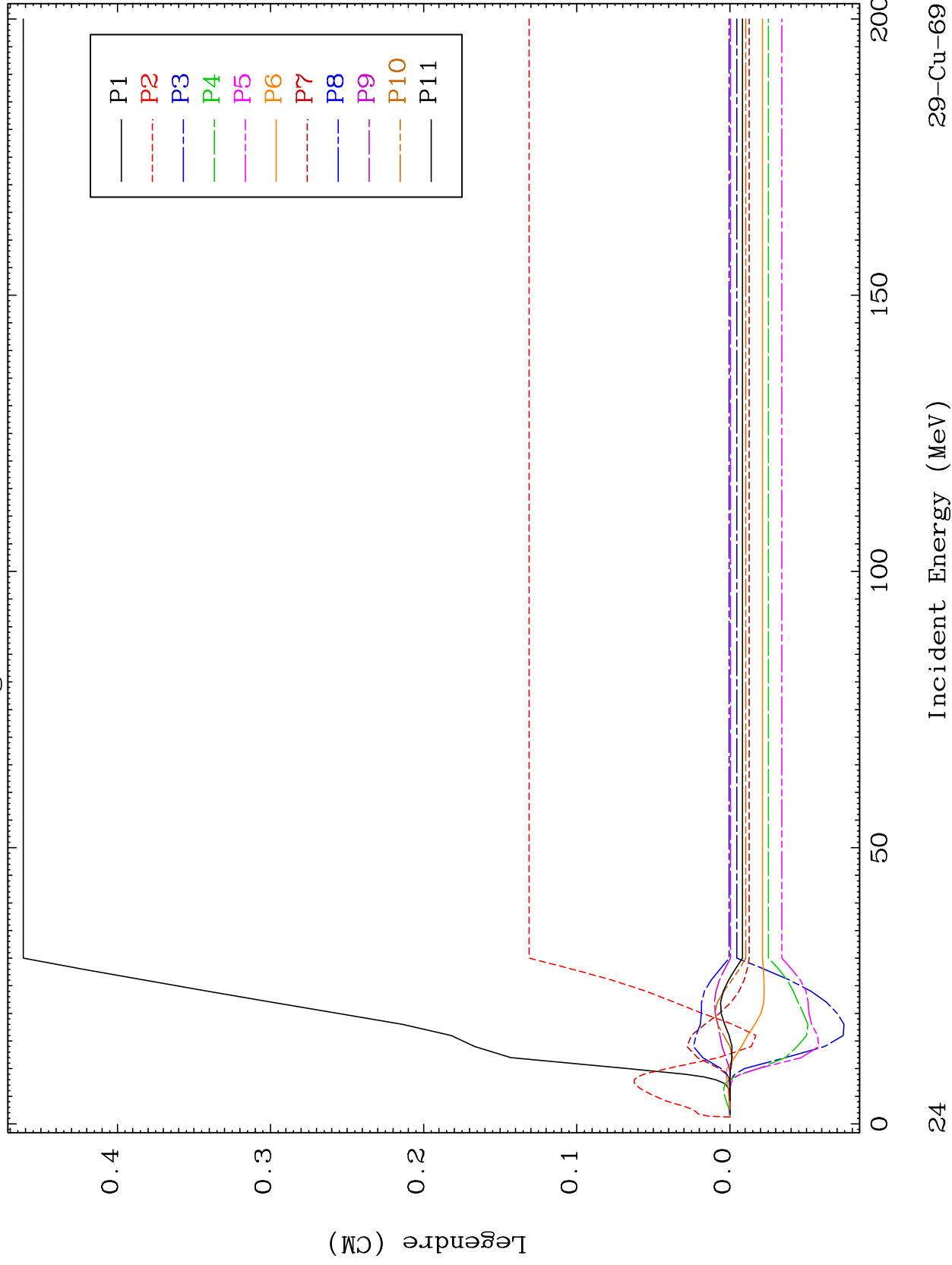
29-Cu-69



MAT 2943

1.213 MeV (n,n') Level
Legendre Coefficients

29-Cu-69

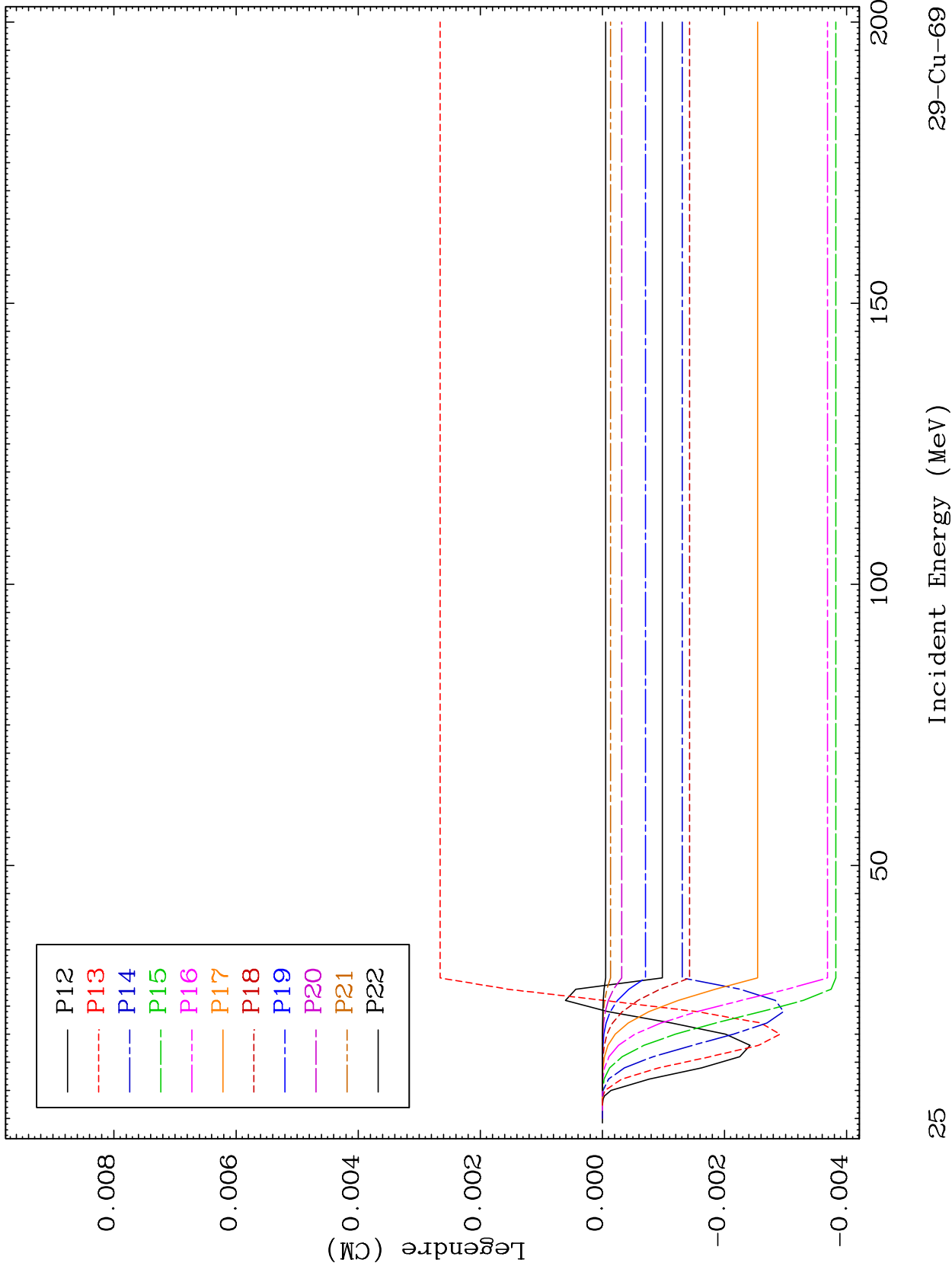


24

MAT 2943

1.213 MeV (n,n') Level
Legendre Coefficients

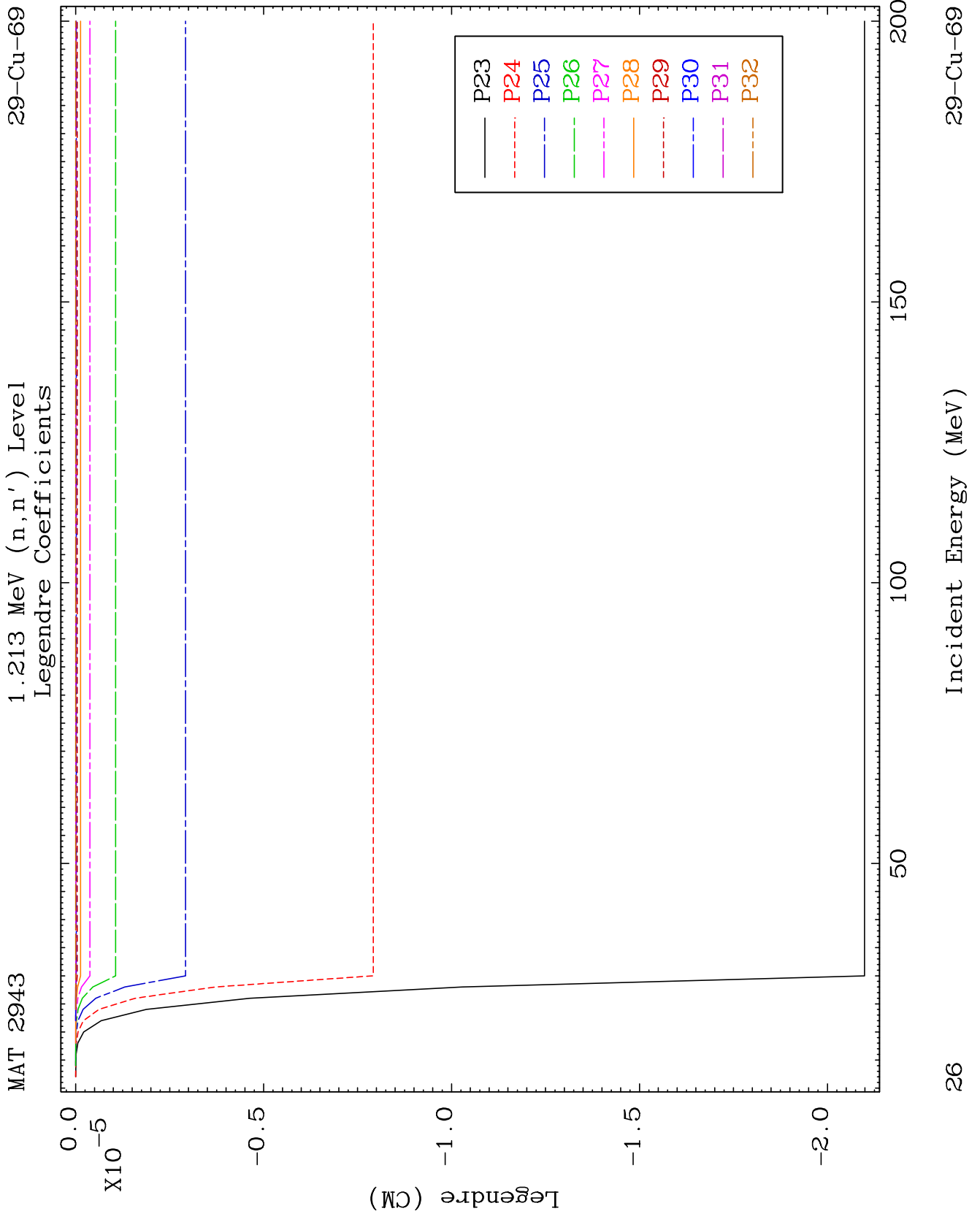
29-Cu-69



25

Incident Energy (MeV)

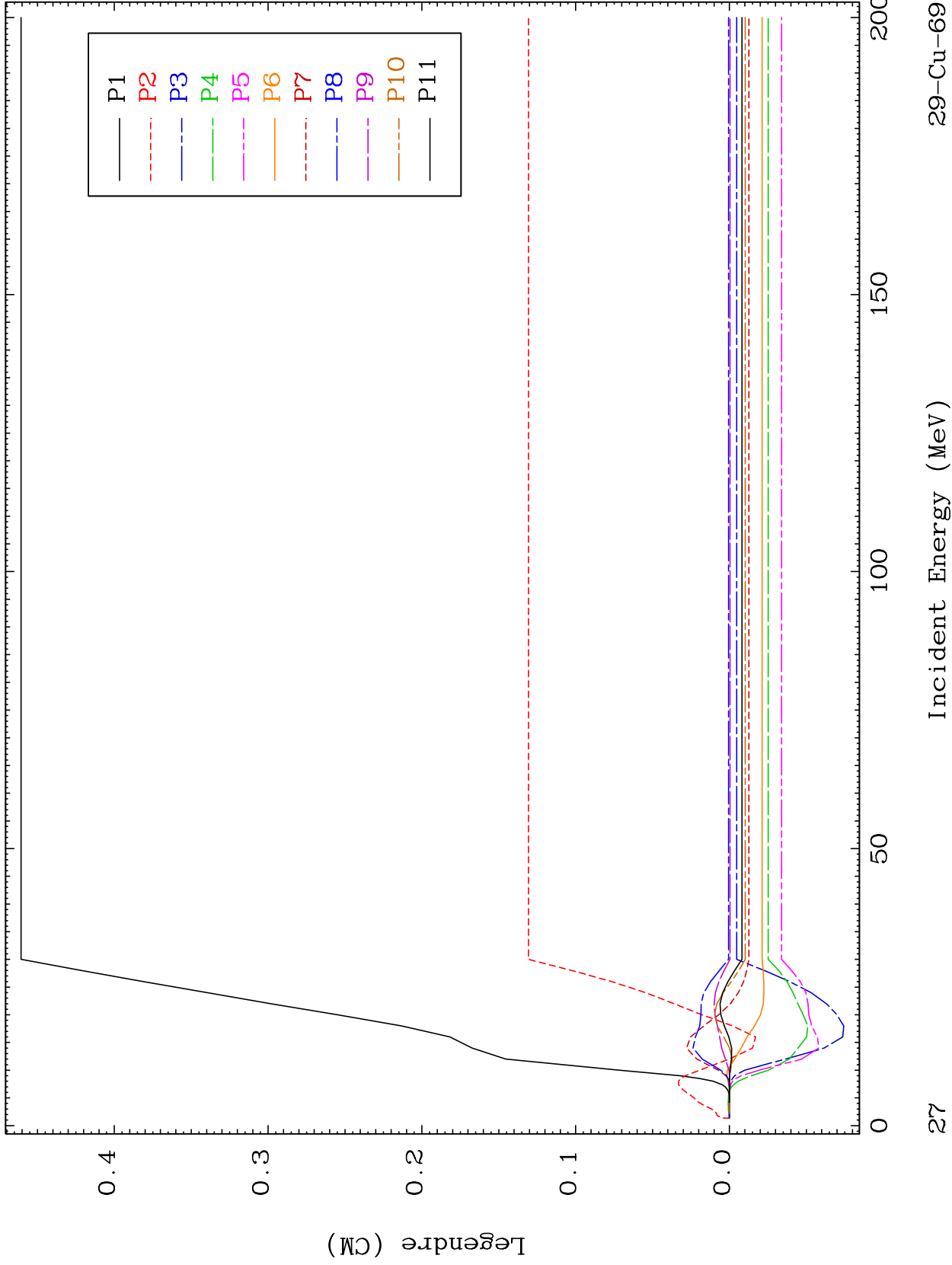
29-Cu-69

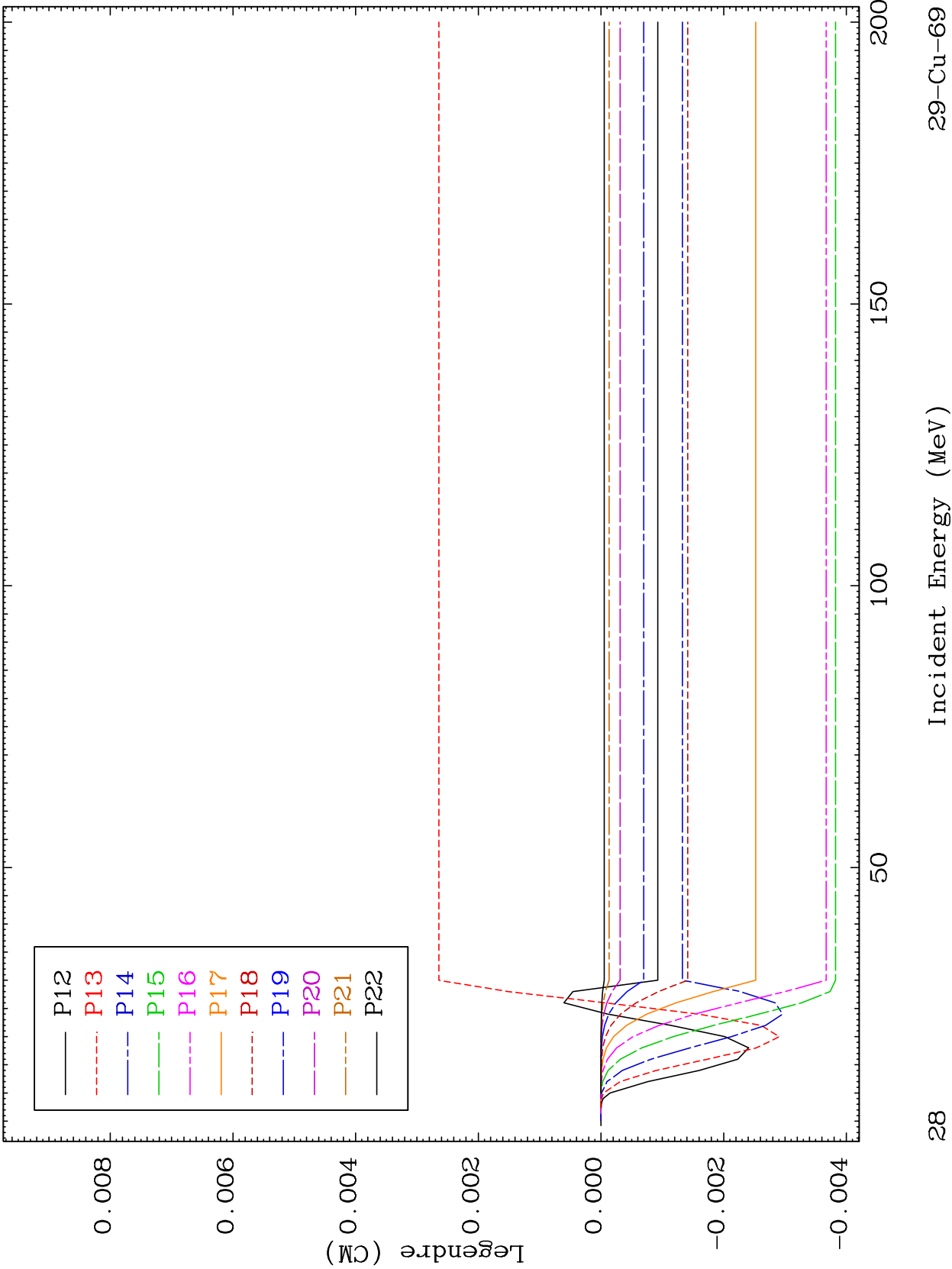


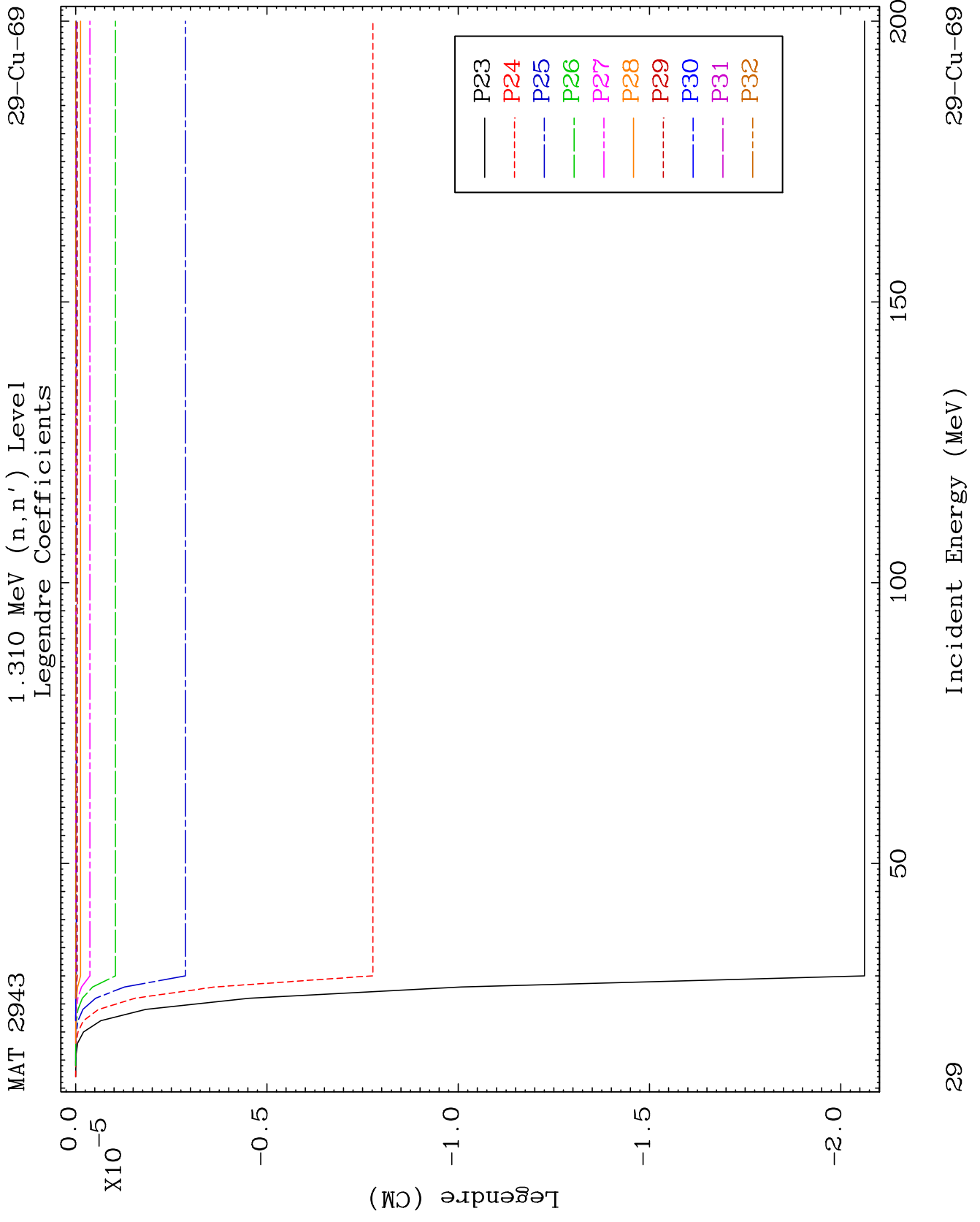
MAT 2943

1.310 MeV (n,n') Level
Legendre Coefficients

29-Cu-69



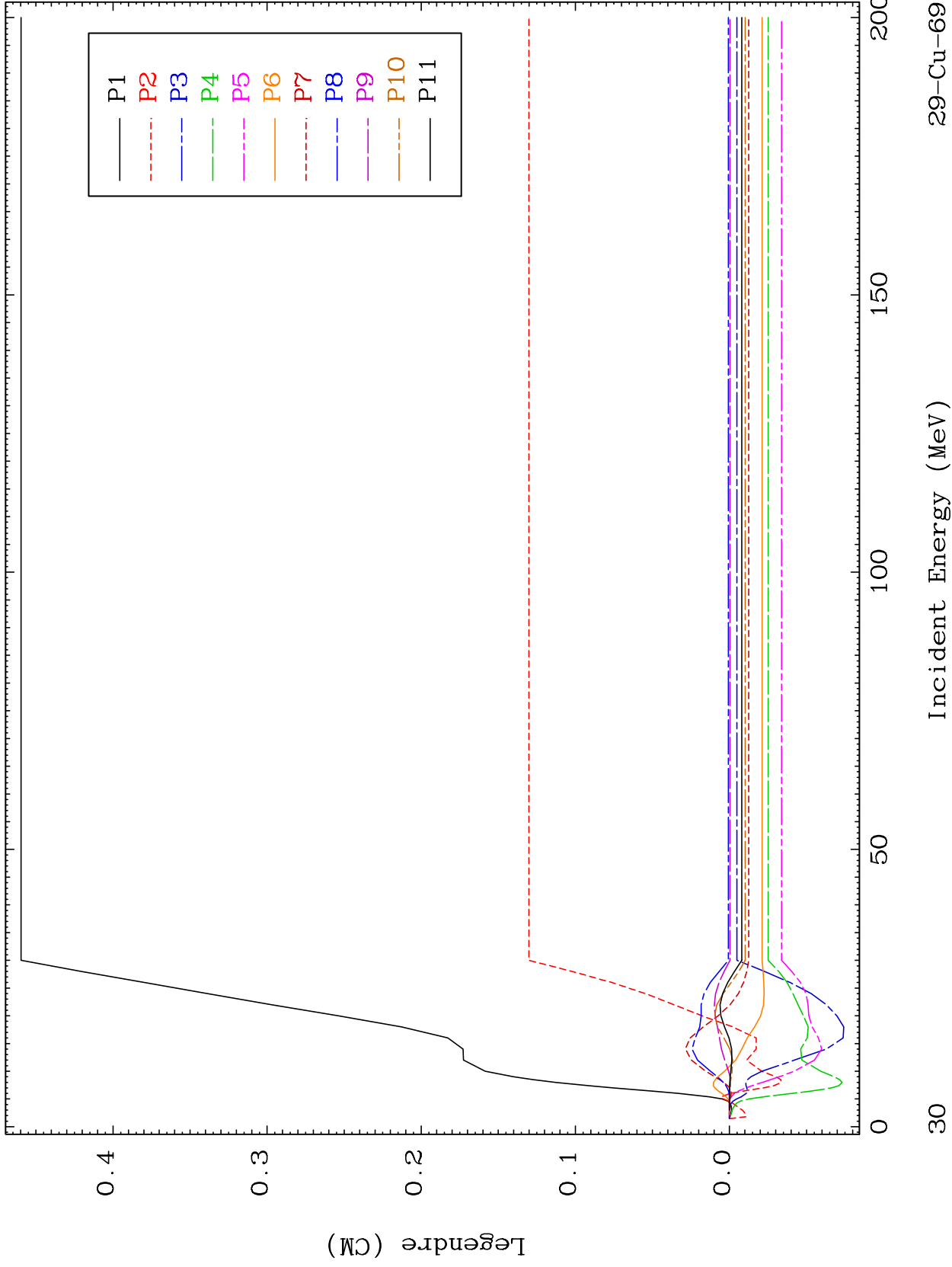


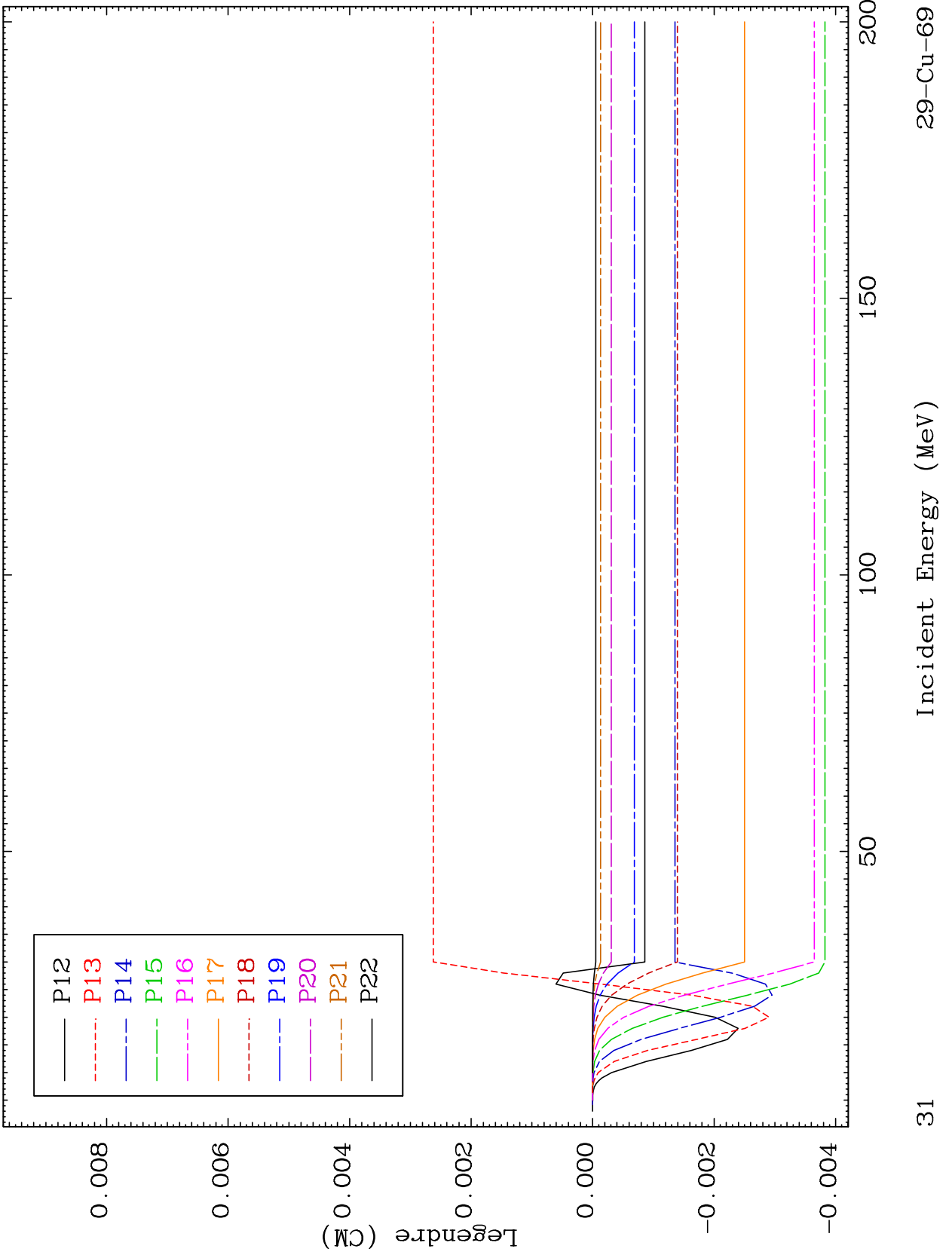


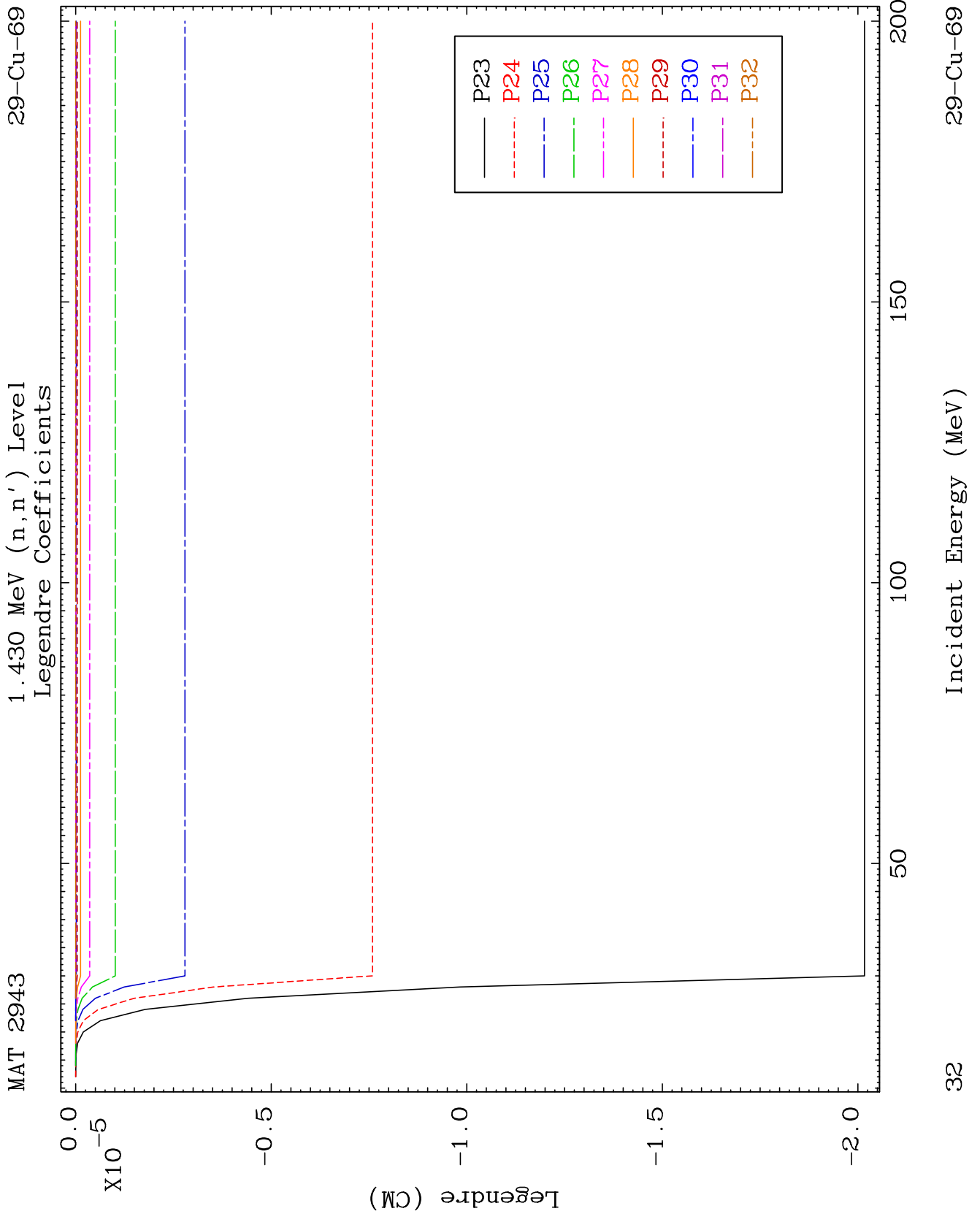
MAT 2943

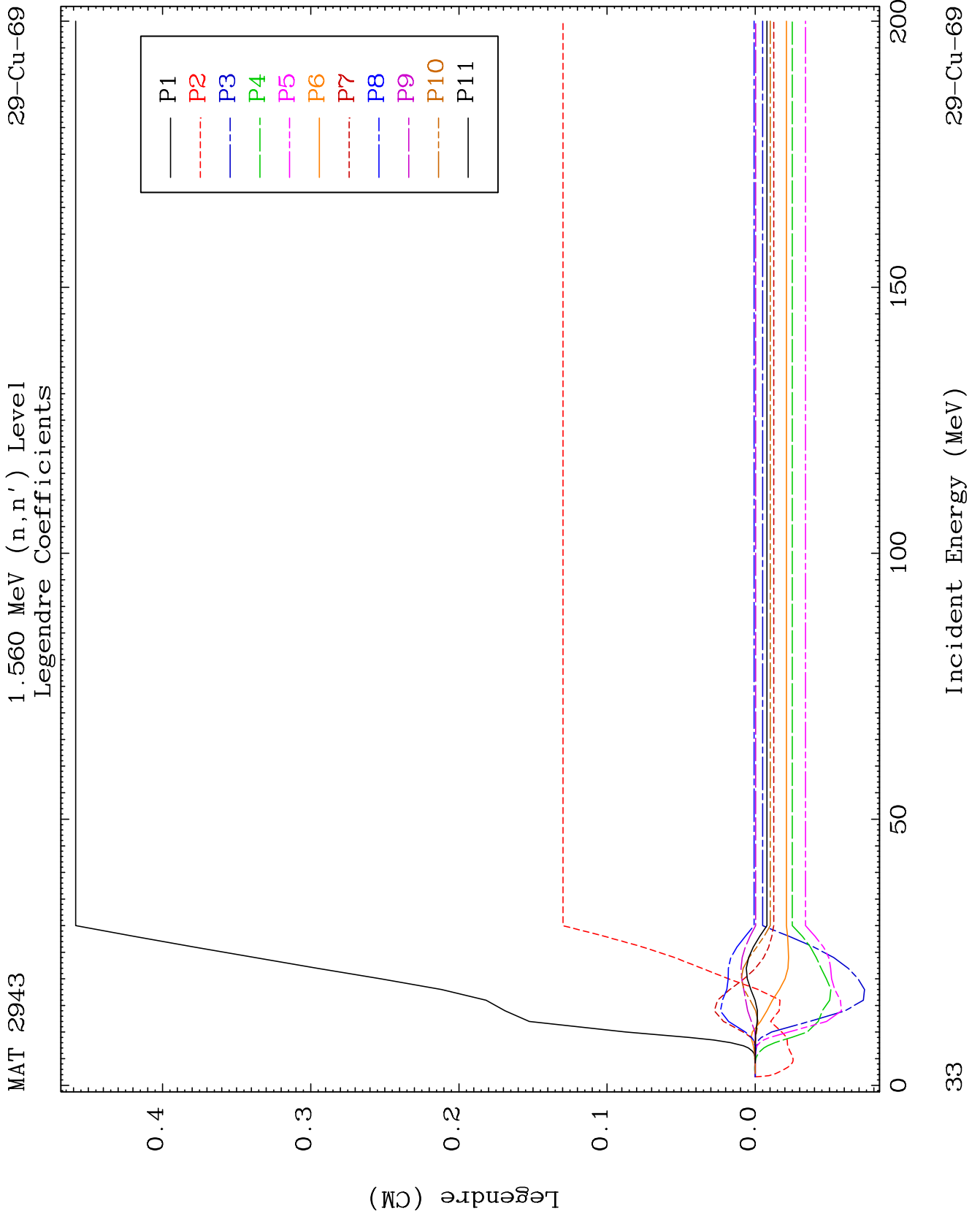
1.430 MeV (n,n') Level
Legendre Coefficients

29-Cu-69





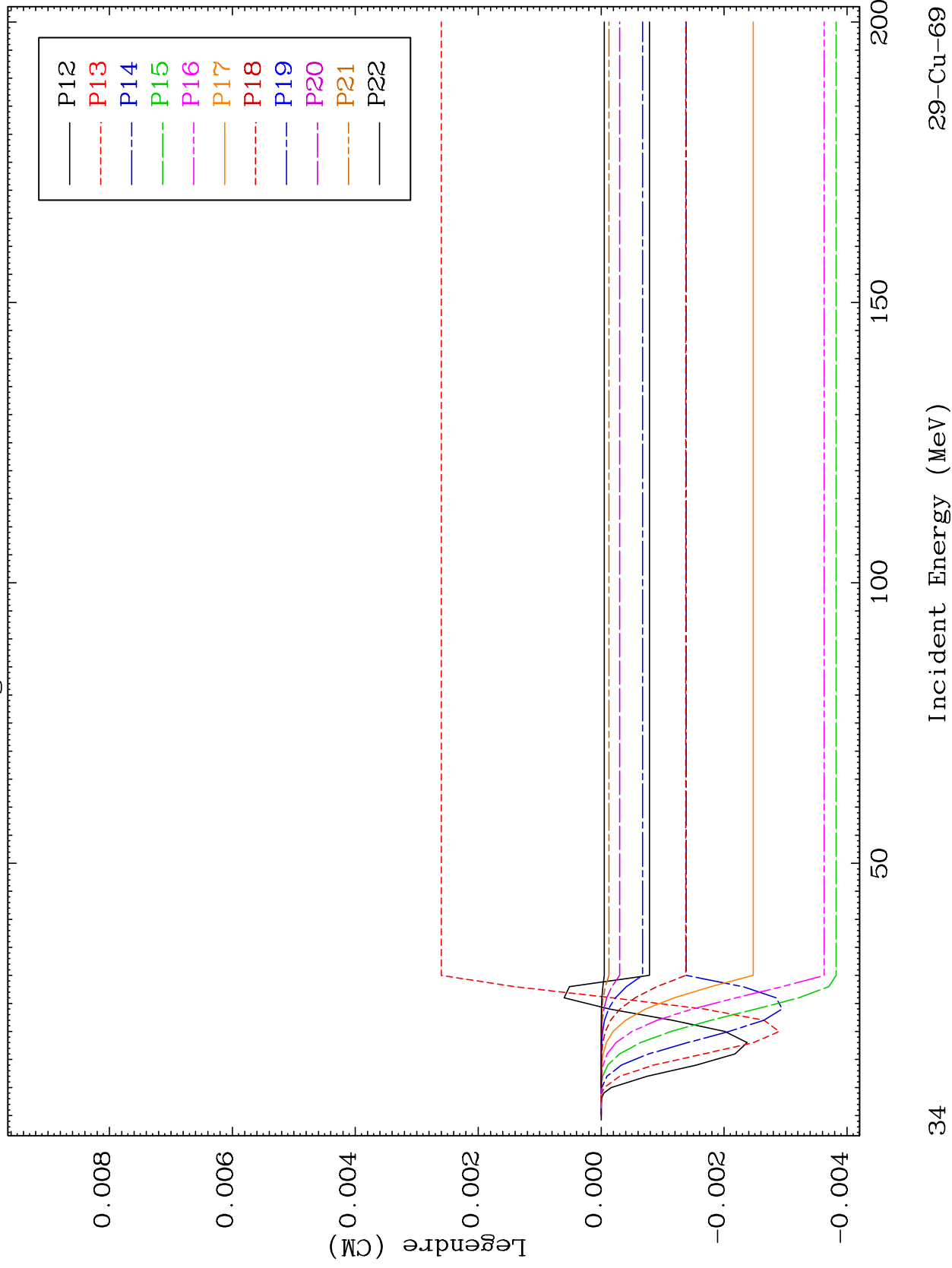




MAT 2943

1.560 MeV (n,n') Level
Legendre Coefficients

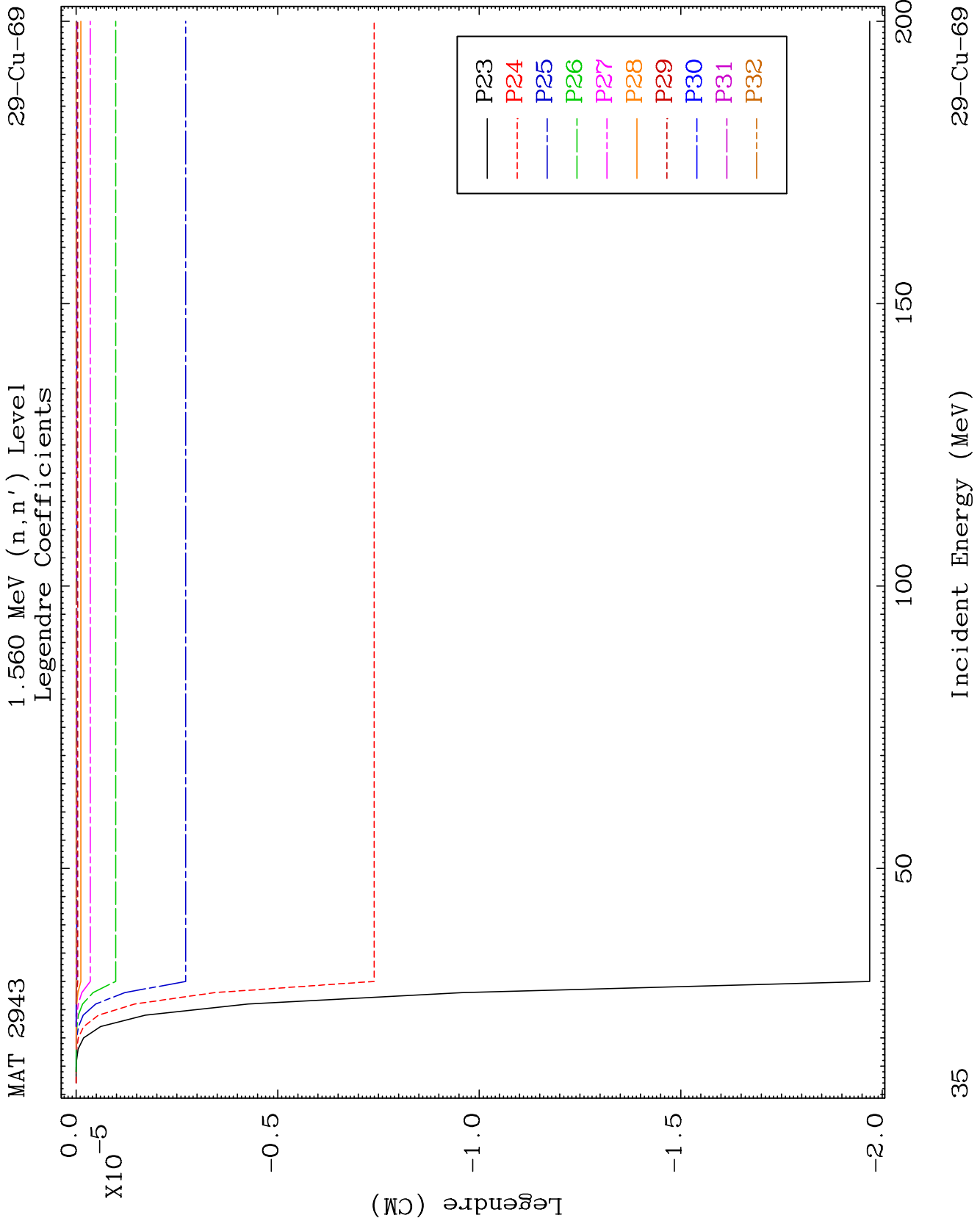
29-Cu-69



34

Incident Energy (MeV)

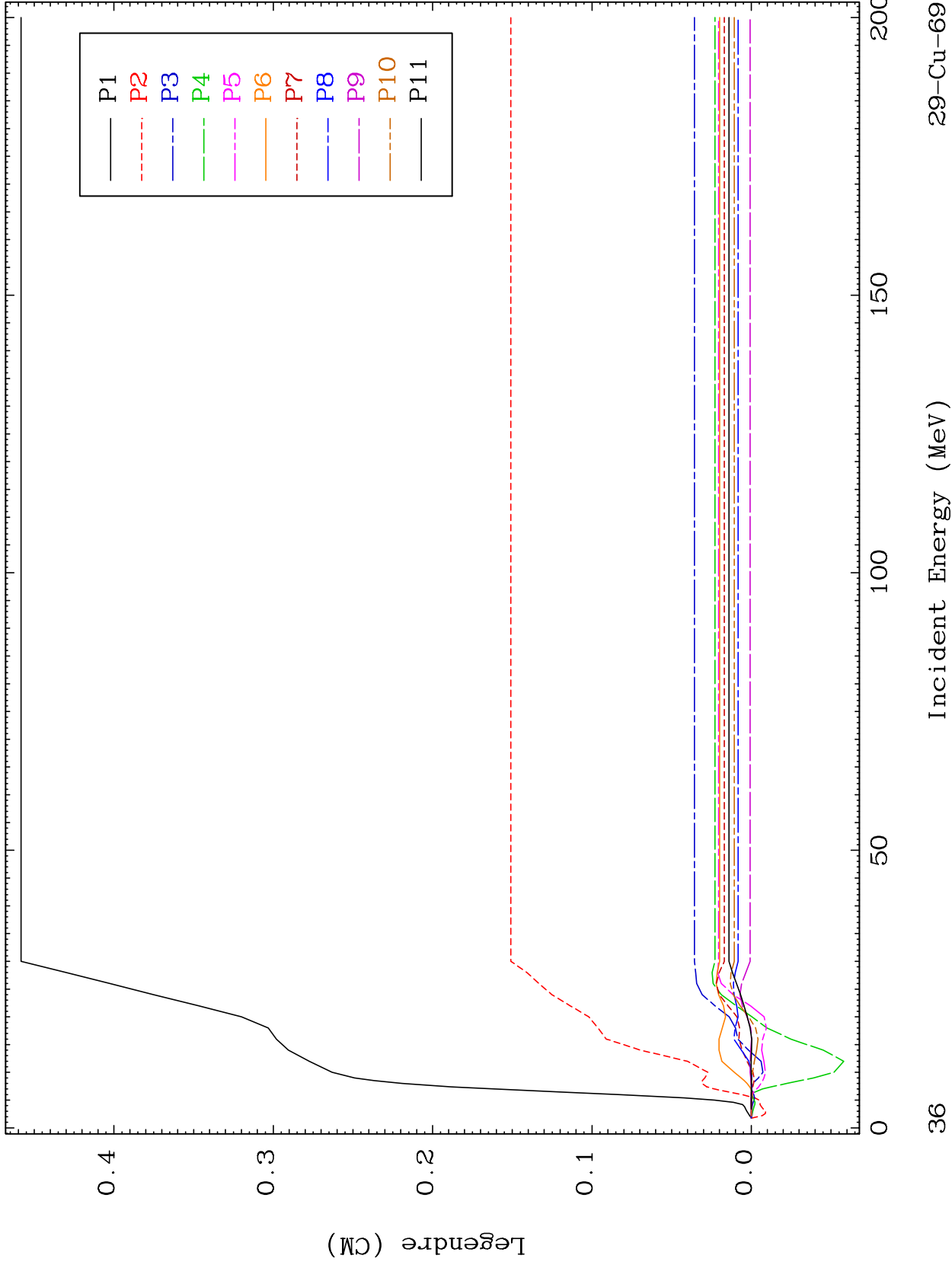
29-Cu-69



MAT 2943

1.711 MeV (n,n') Level
Legendre Coefficients

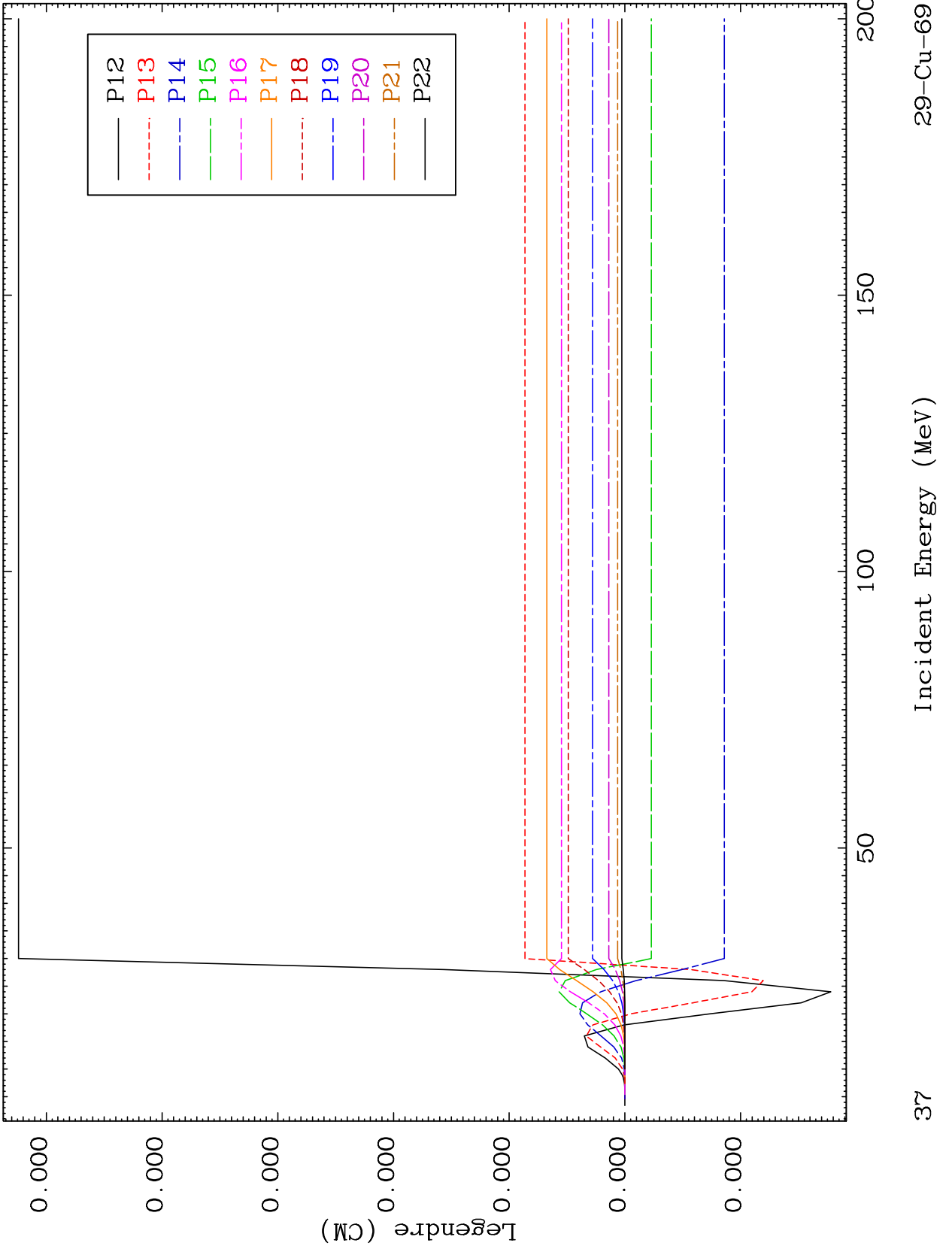
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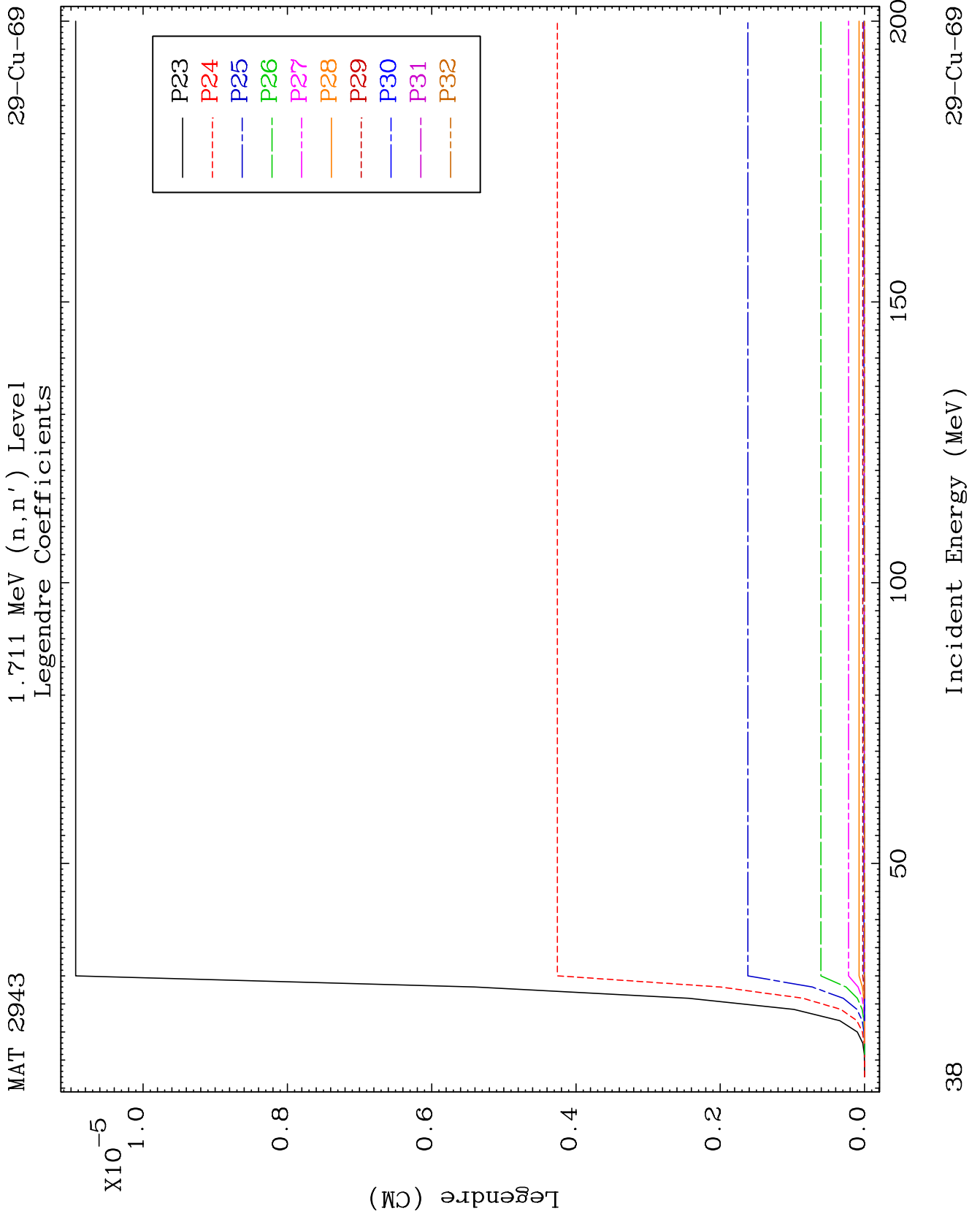


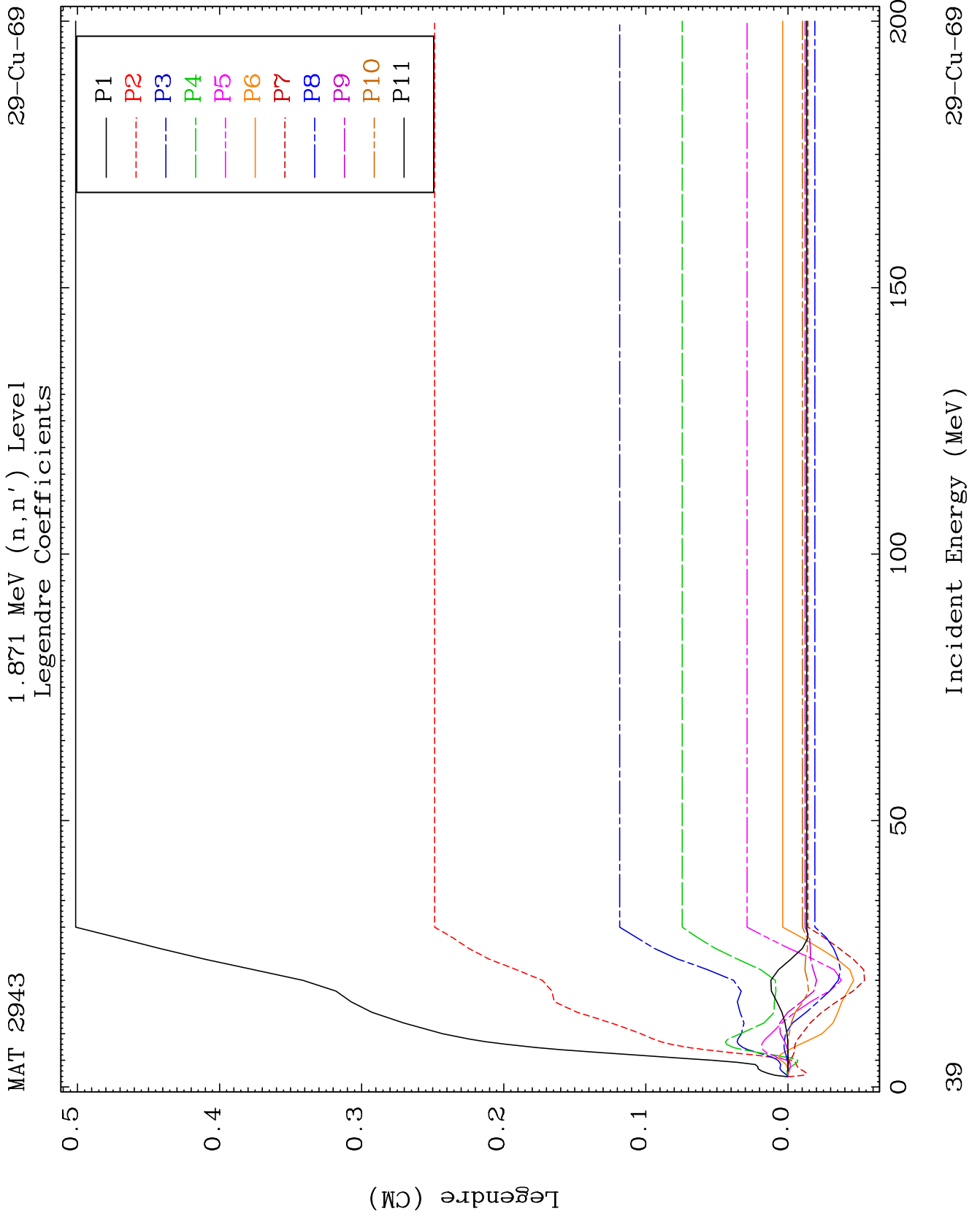
29-Cu-69

Incident Energy (MeV)

36



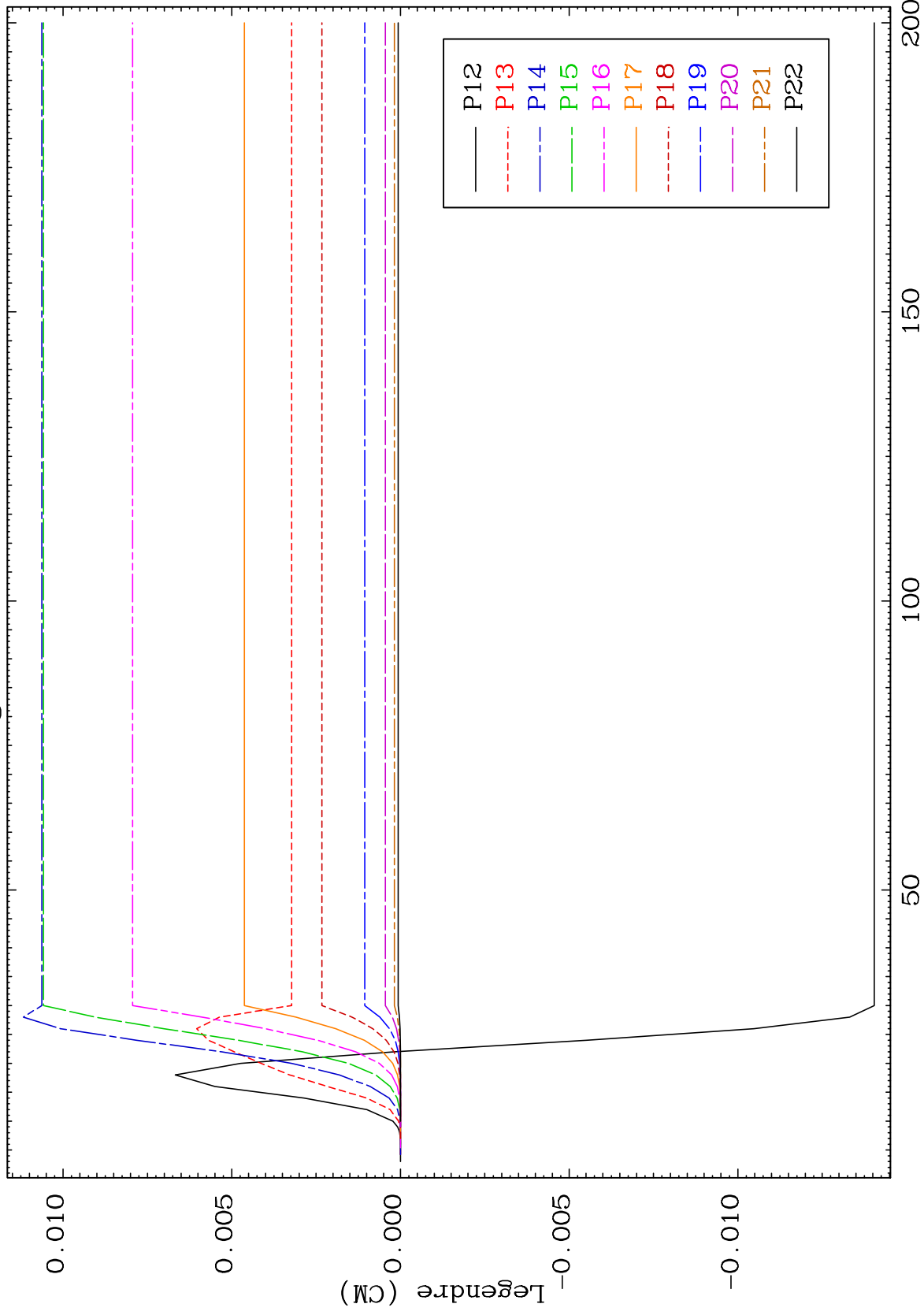




MAT 2943

1.871 MeV (n, n') Level
Legendre Coefficients

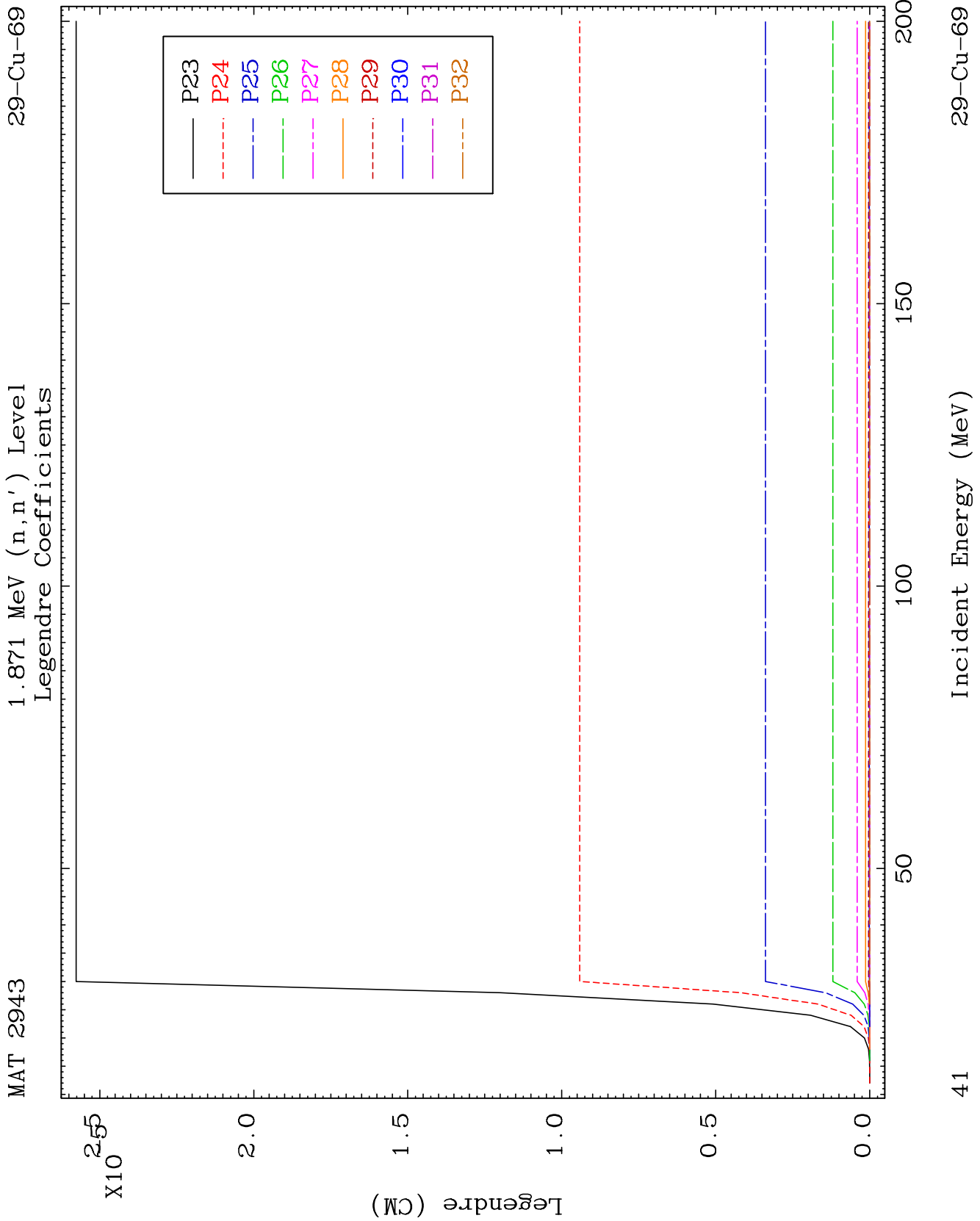
29-Cu-69



40

Incident Energy (MeV)

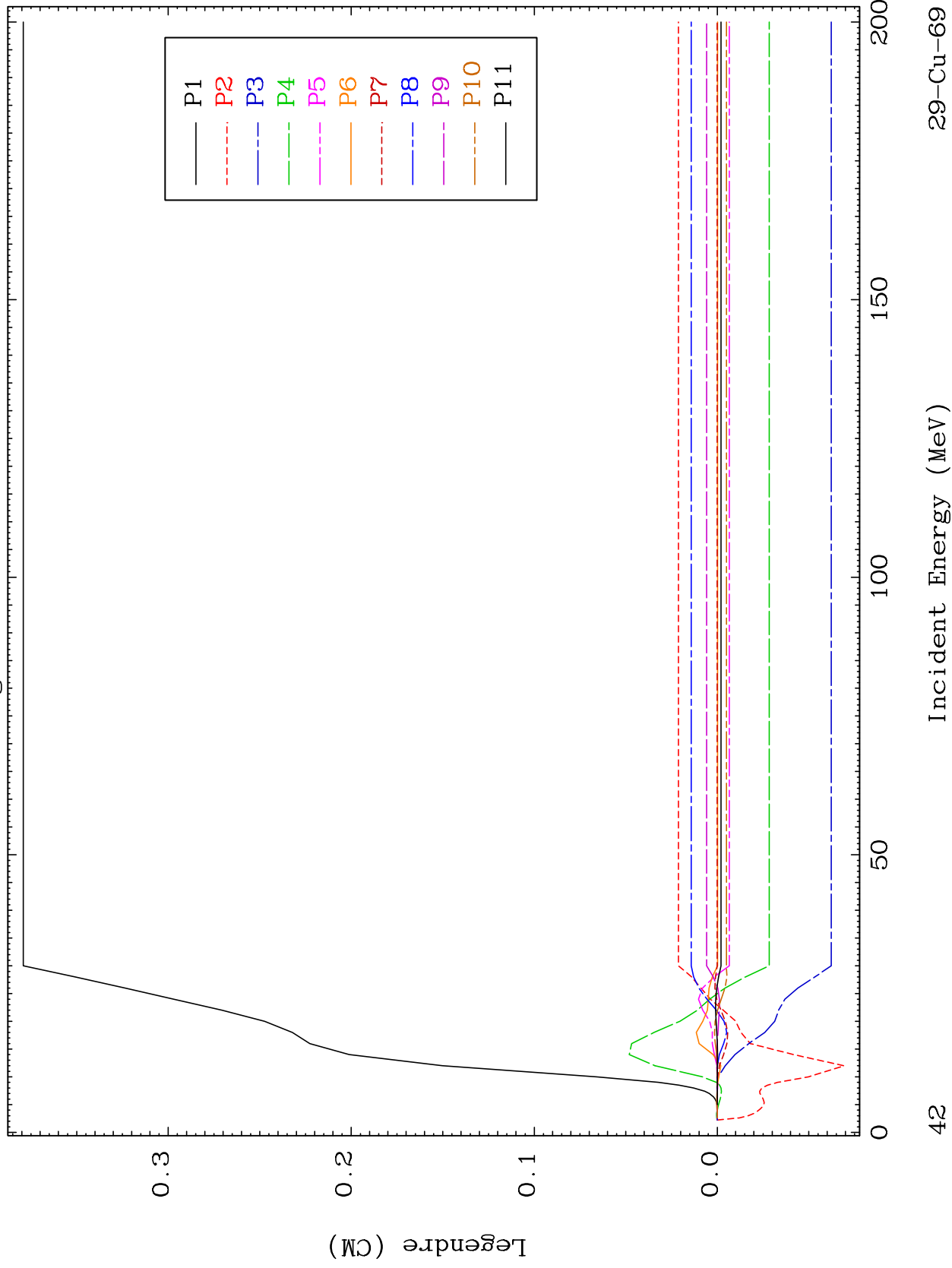
29-Cu-69



MAT 2943

2.181 MeV (n,n') Level
Legendre Coefficients

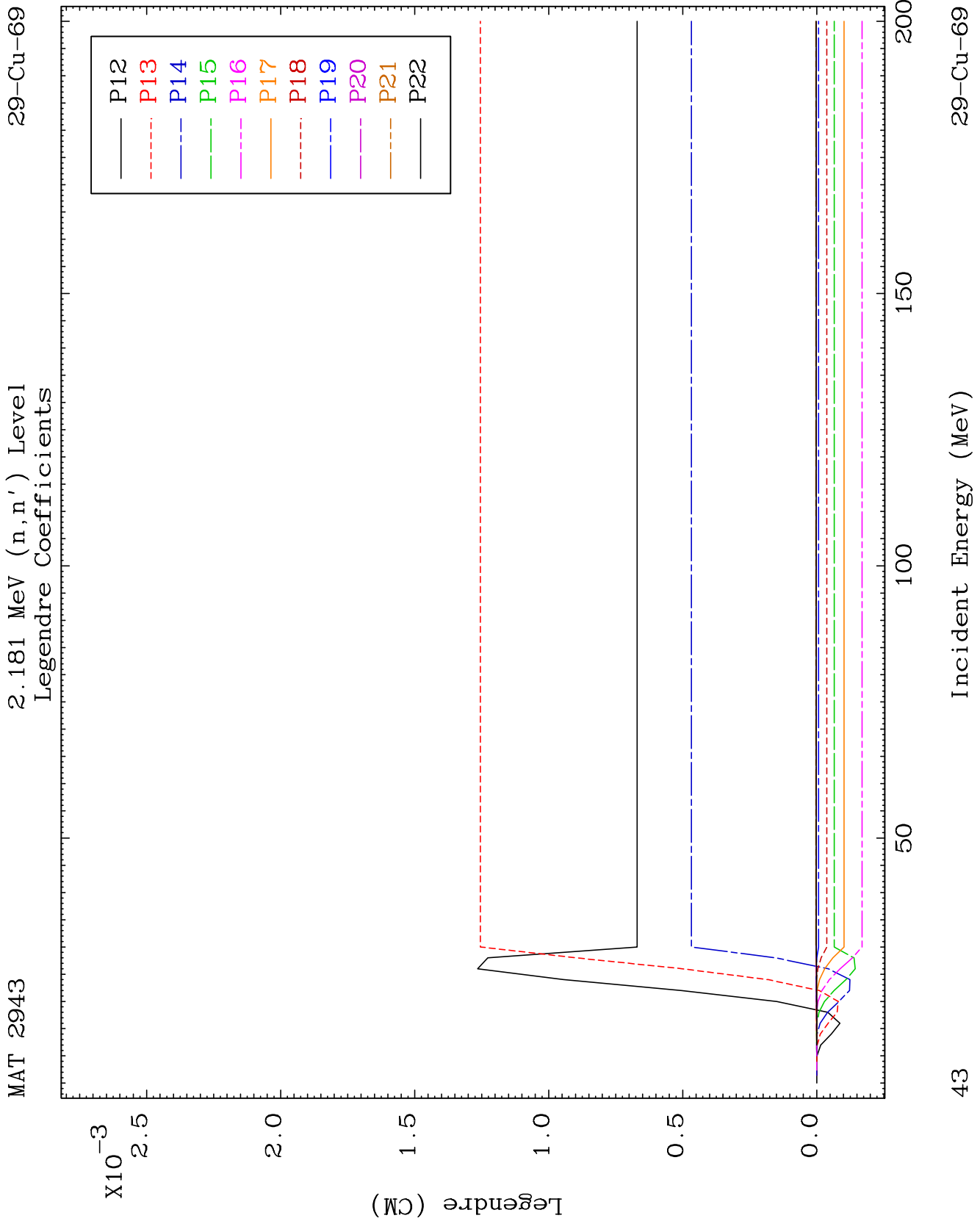
29-Cu-69



29-Cu-69

Incident Energy (MeV)

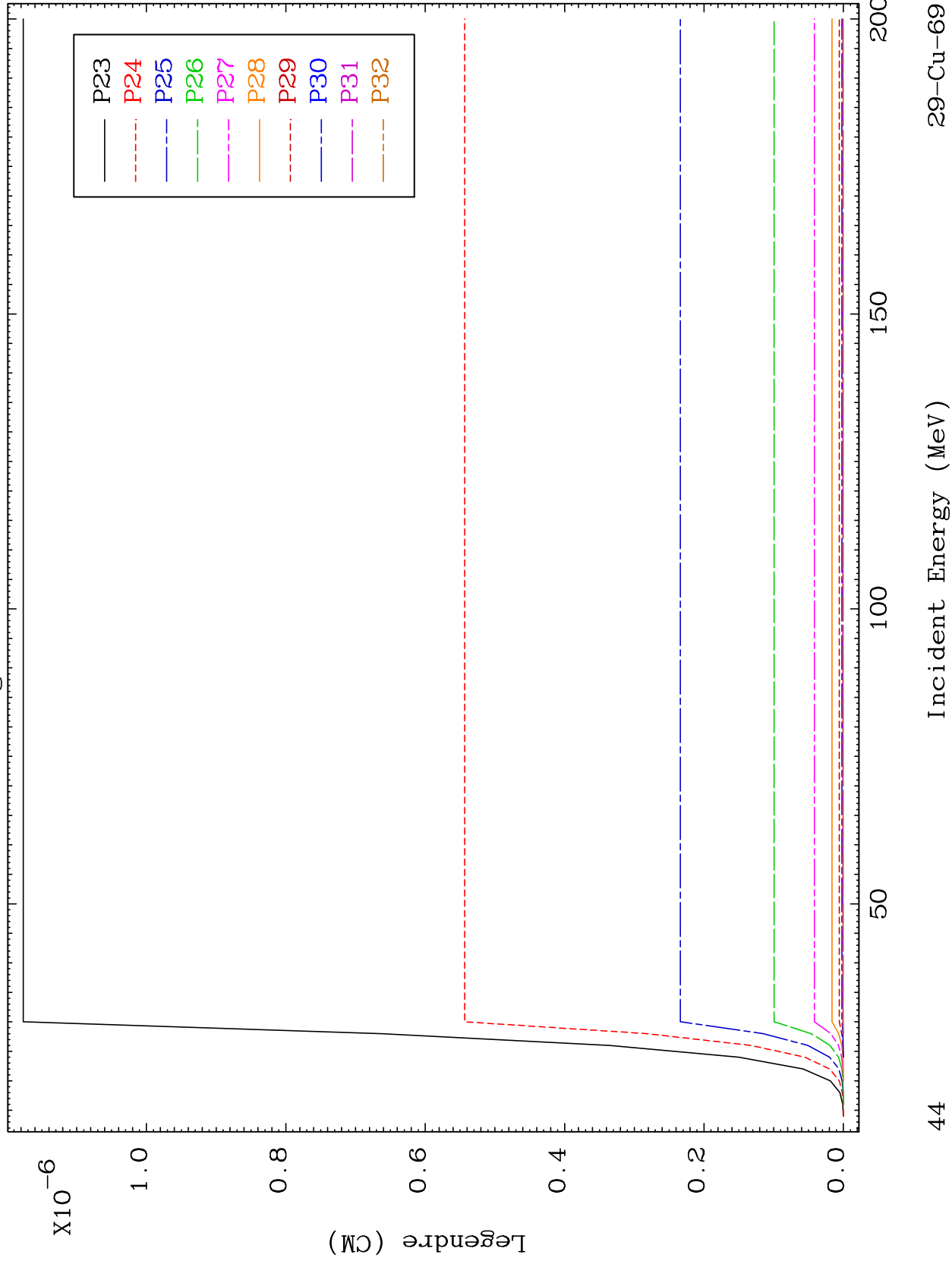
42



MAT 2943

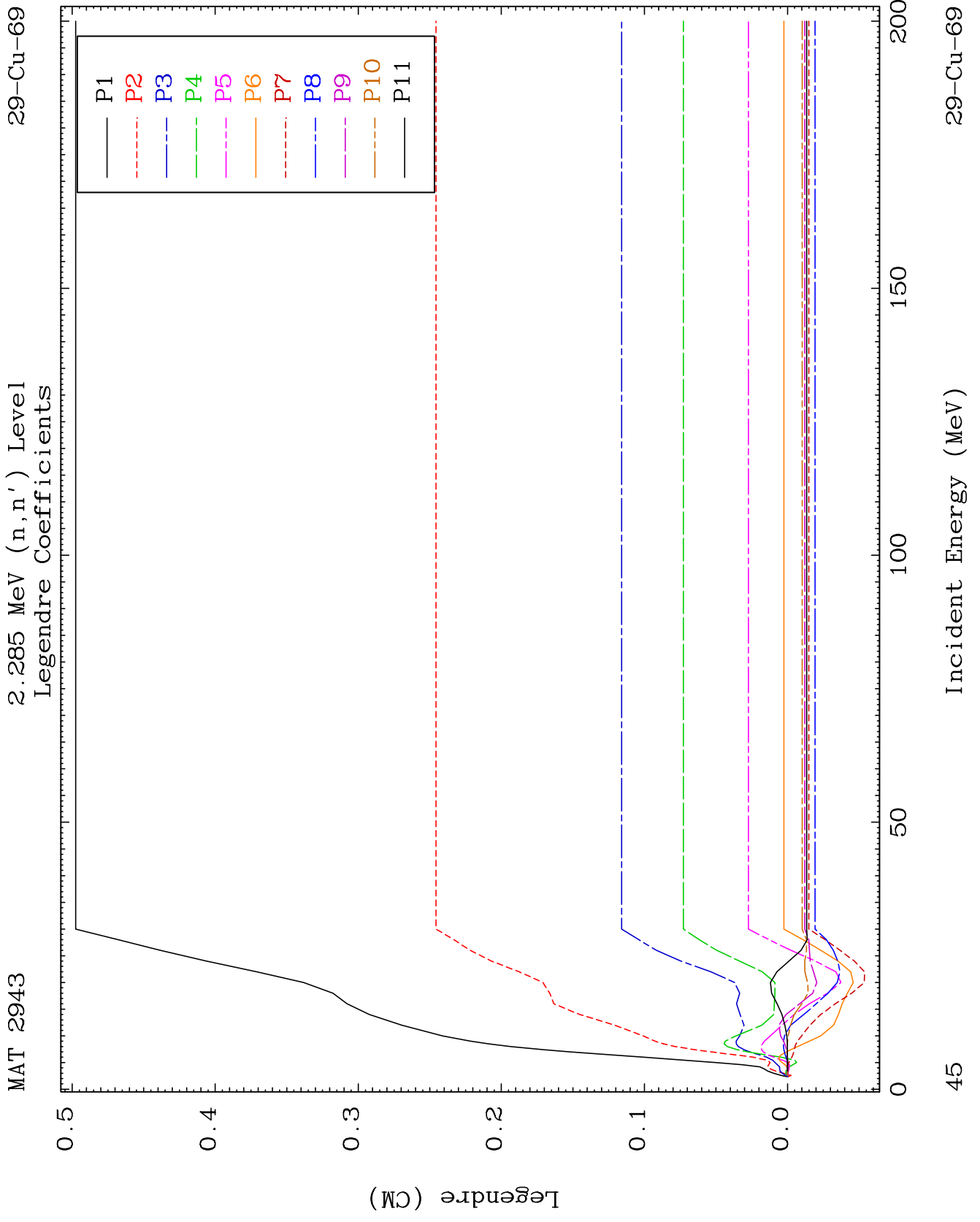
2.181 MeV (n,n') Level
Legendre Coefficients

29-Cu-69



44

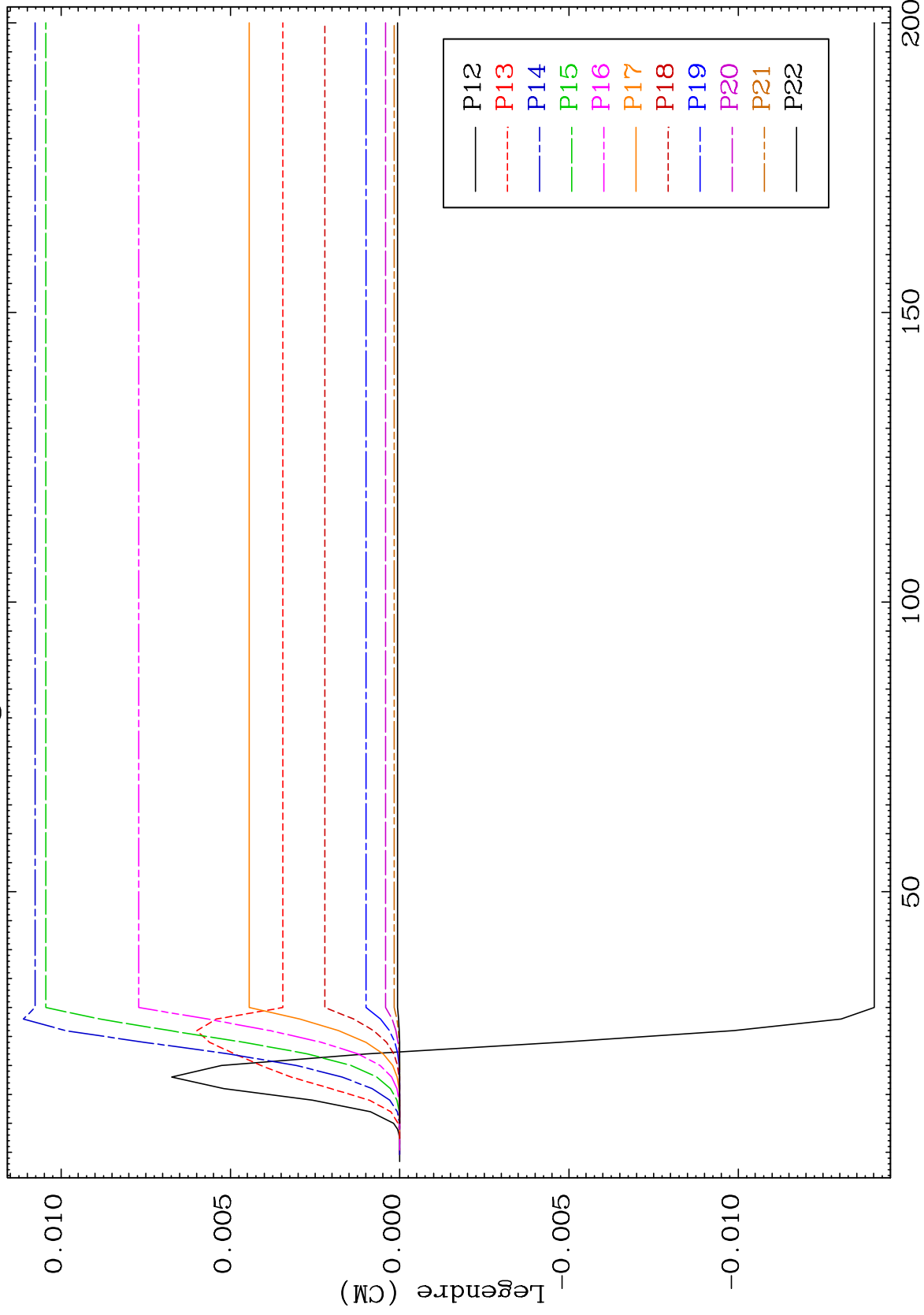
29-Cu-69



MAT 2943

2.285 MeV (n,n') Level
Legendre Coefficients

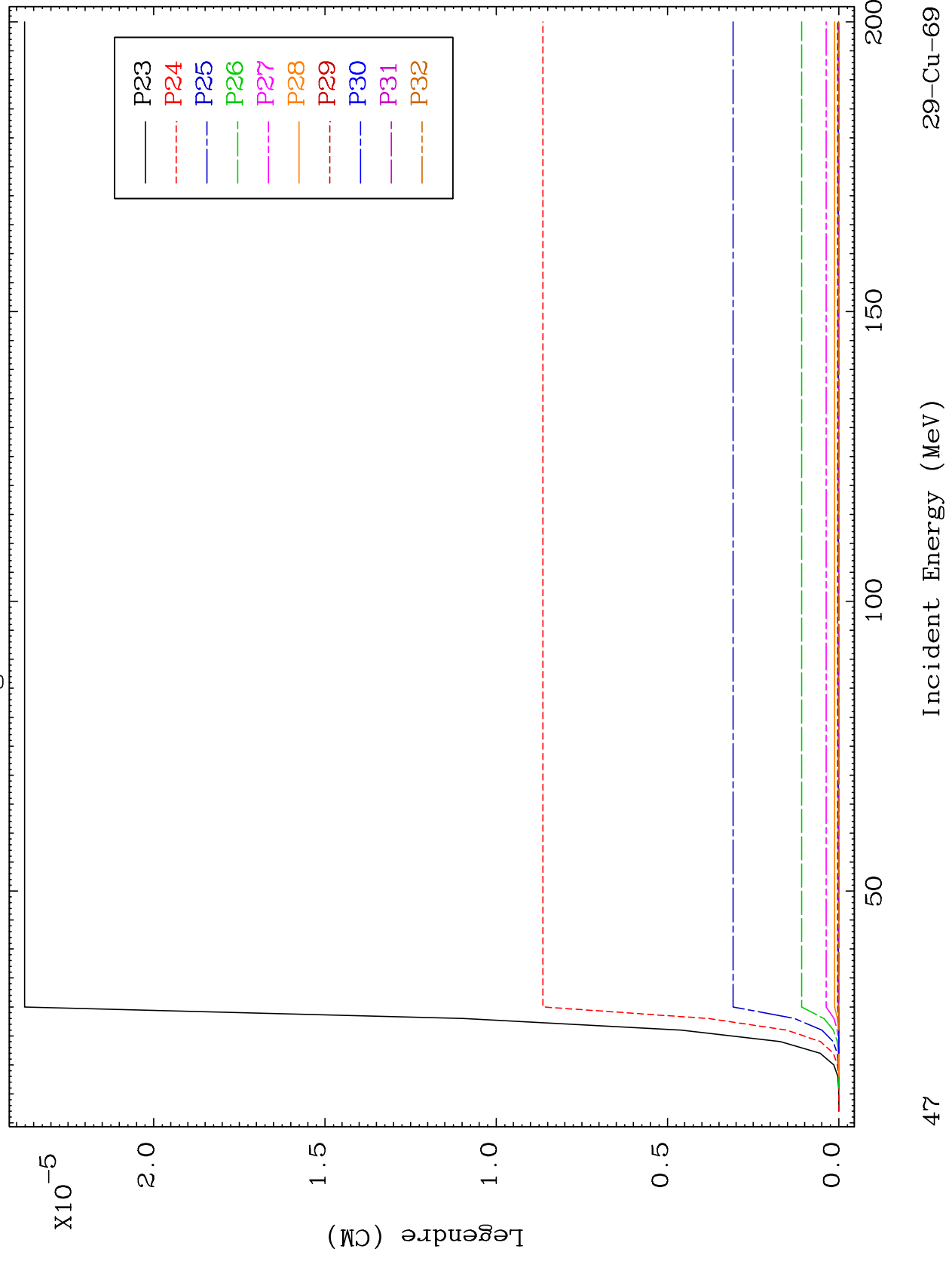
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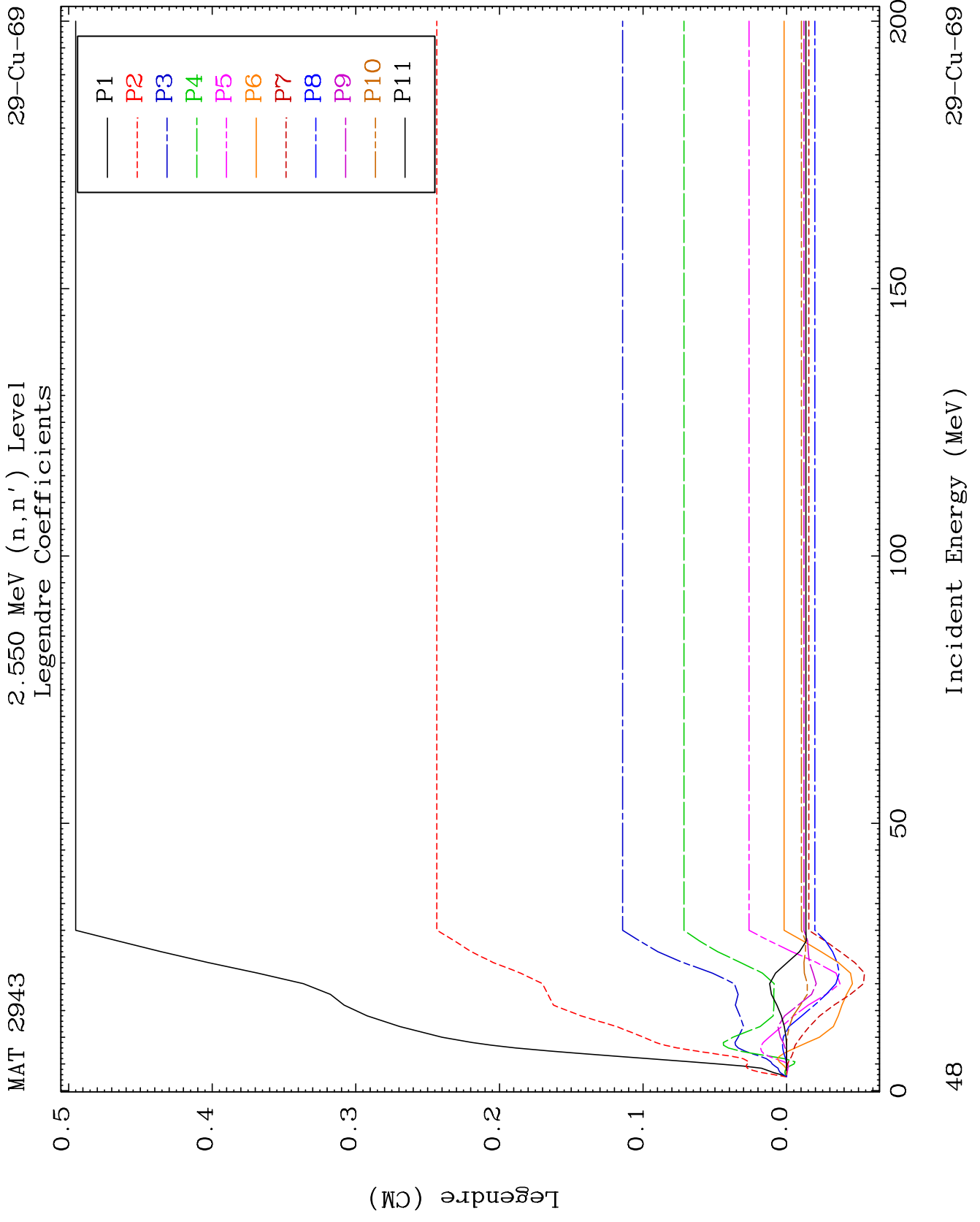


46

Incident Energy (MeV)

29-Cu-69

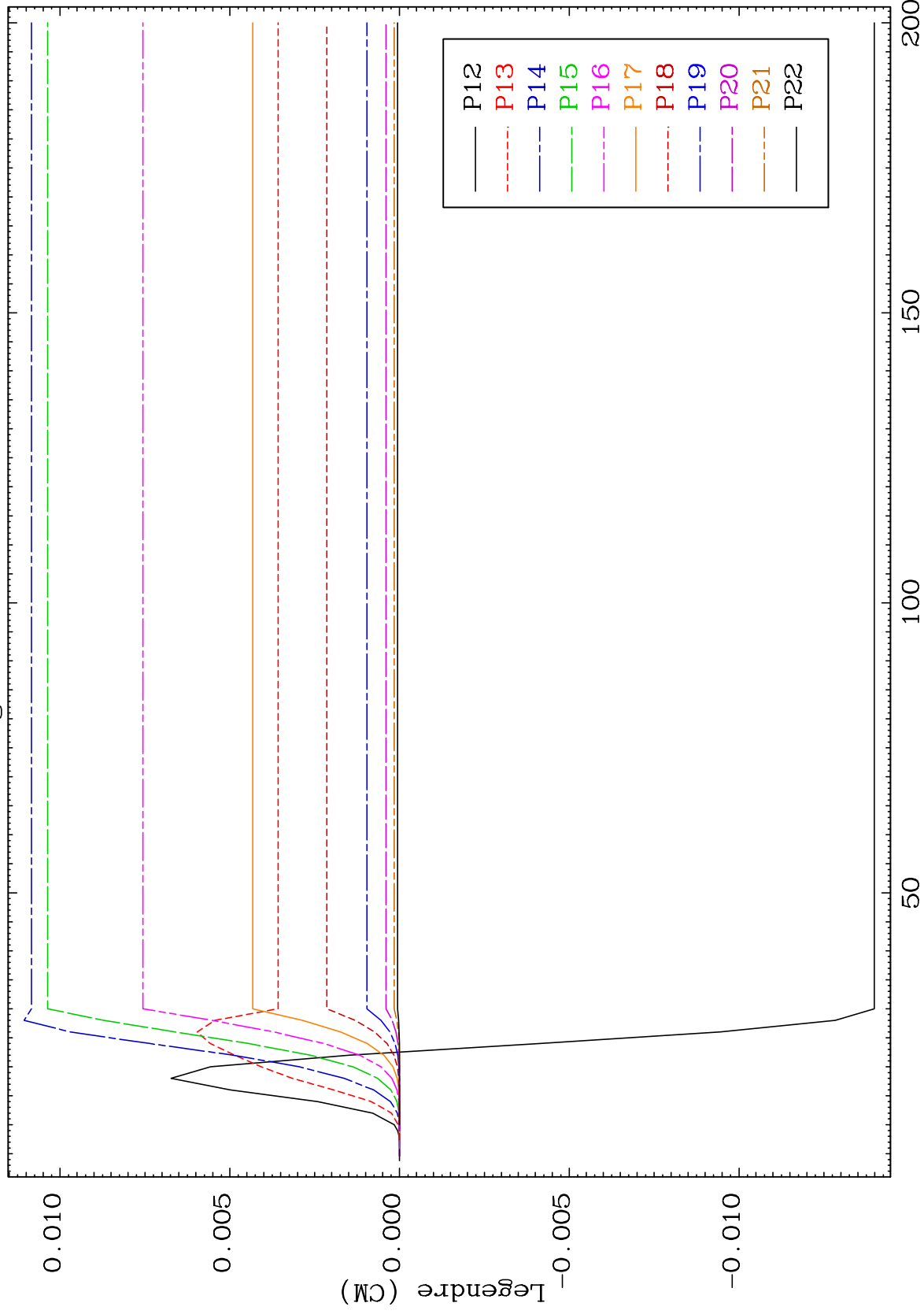




MAT 2943

2.550 MeV (n, n') Level
Legendre Coefficients

29-Cu-69



49

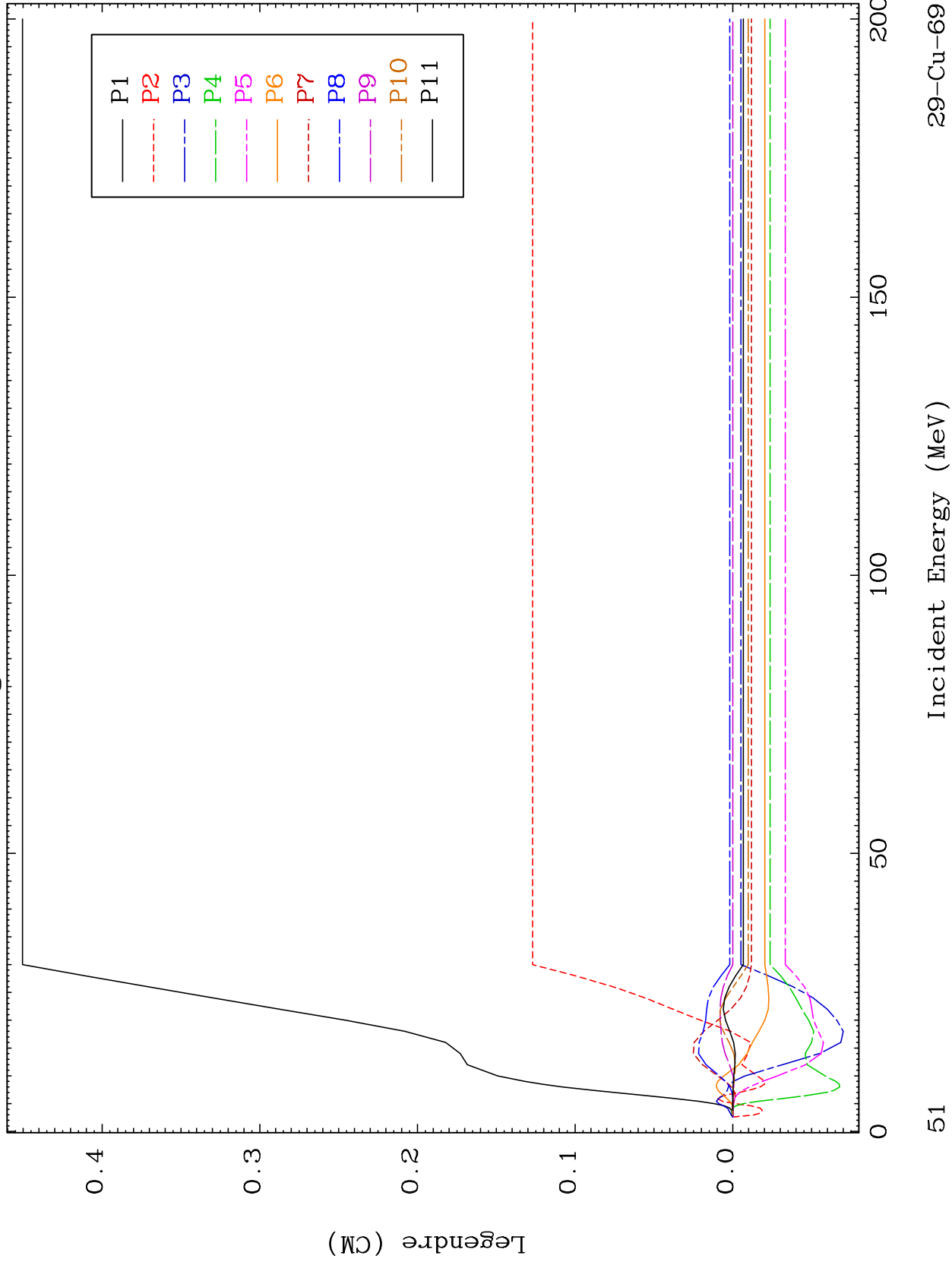
Incident Energy (MeV)

29-Cu-69

MAT 2943

2.552 MeV (n,n') Level
Legendre Coefficients

29-Cu-69



51

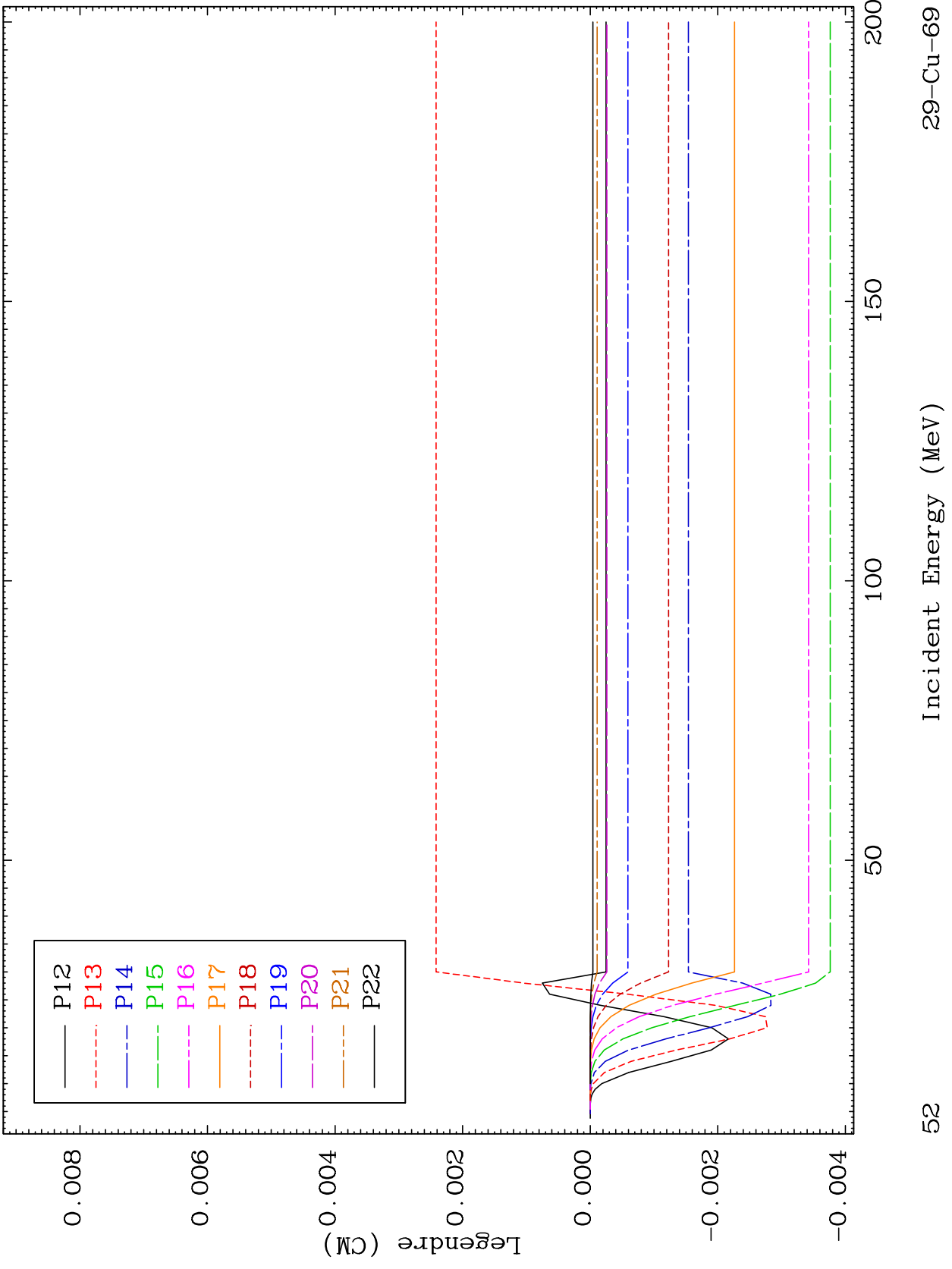
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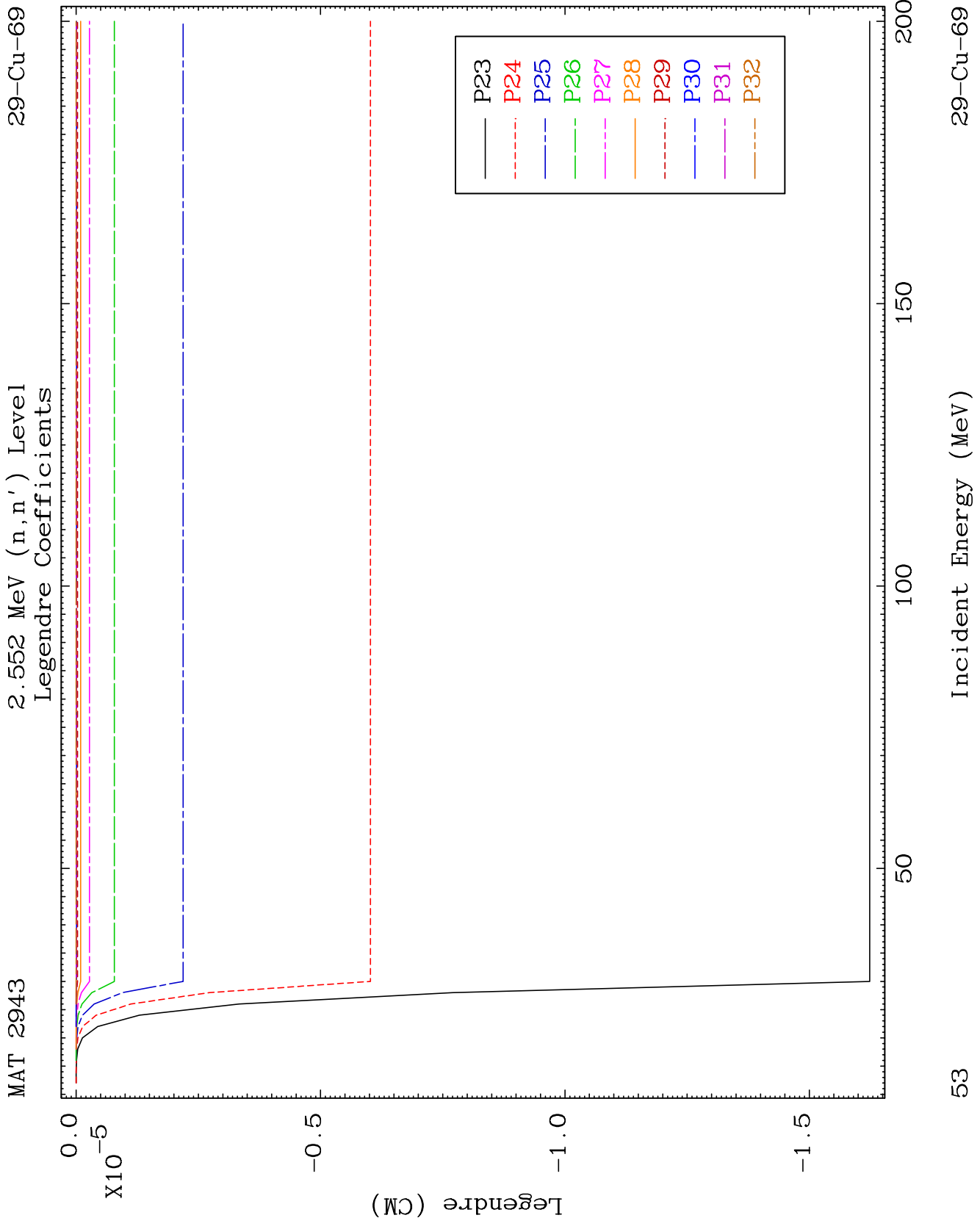
29-Cu-69

MAT 2943

2.552 MeV (n, n') Level
Legendre Coefficients

29-Cu-69

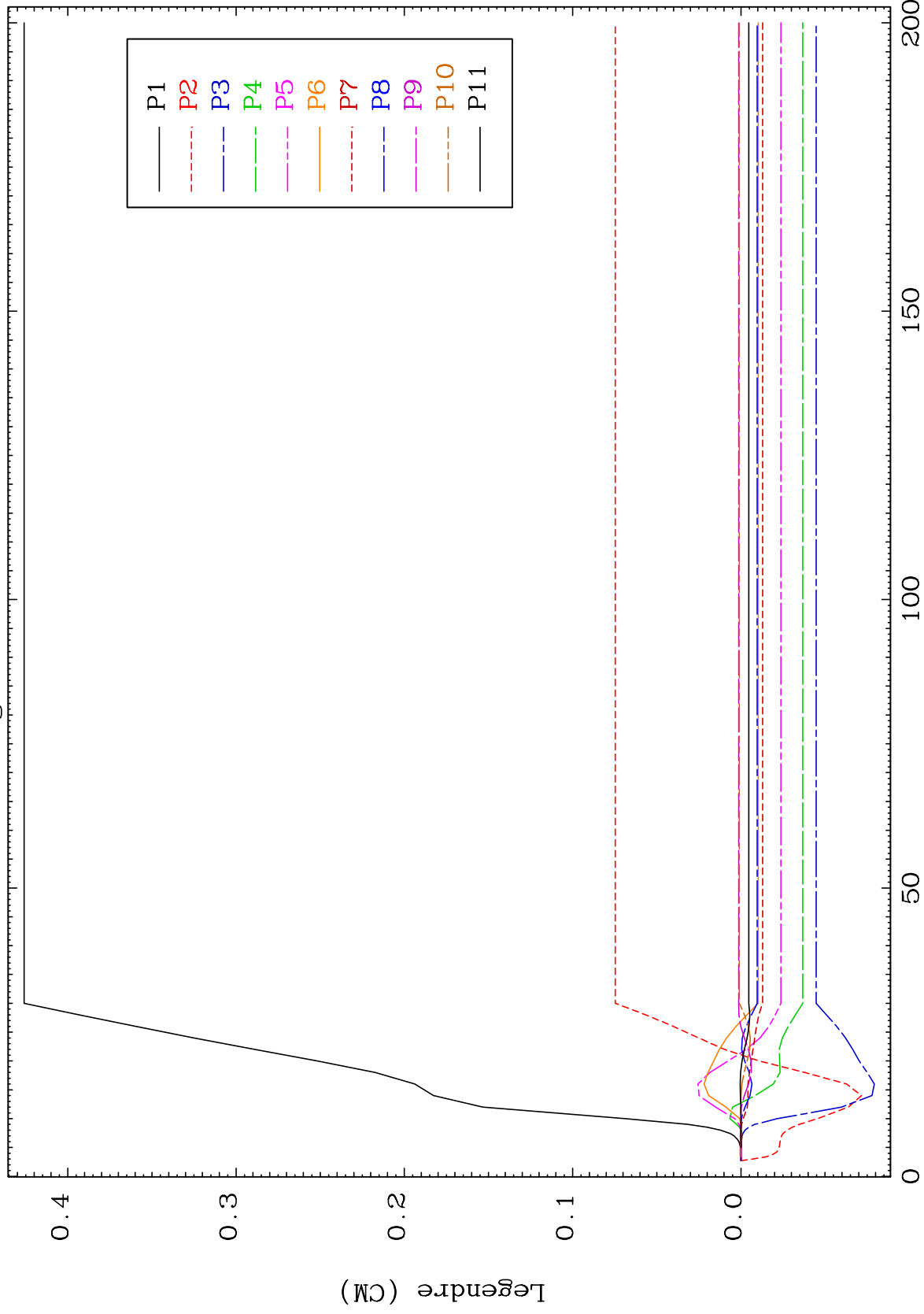




MAT 2943

2.667 MeV (n,n') Level
Legendre Coefficients

29-Cu-69



29-Cu-69

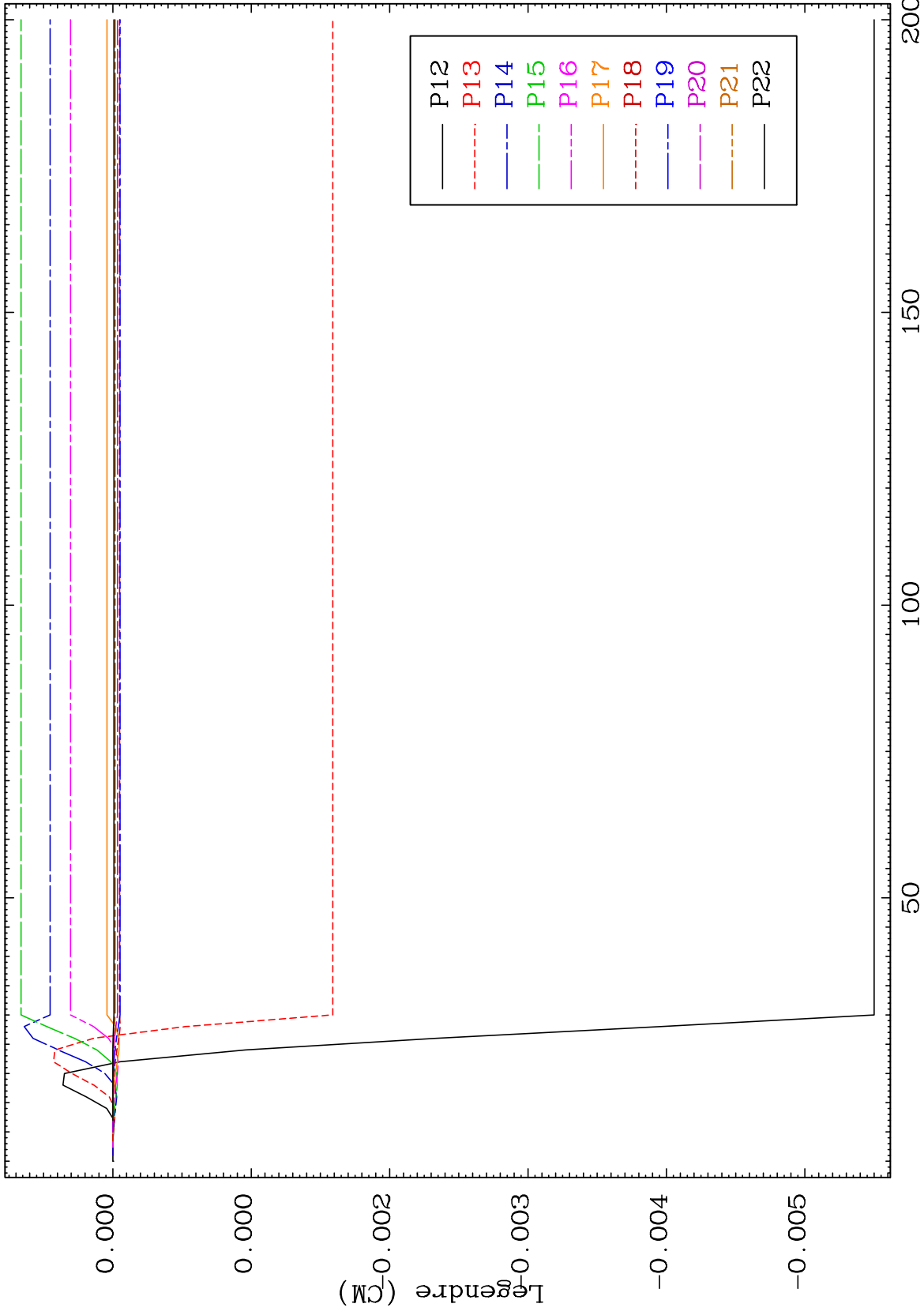
Incident Energy (MeV)

54

MAT 2943

2.667 MeV (n,n') Level
Legendre Coefficients

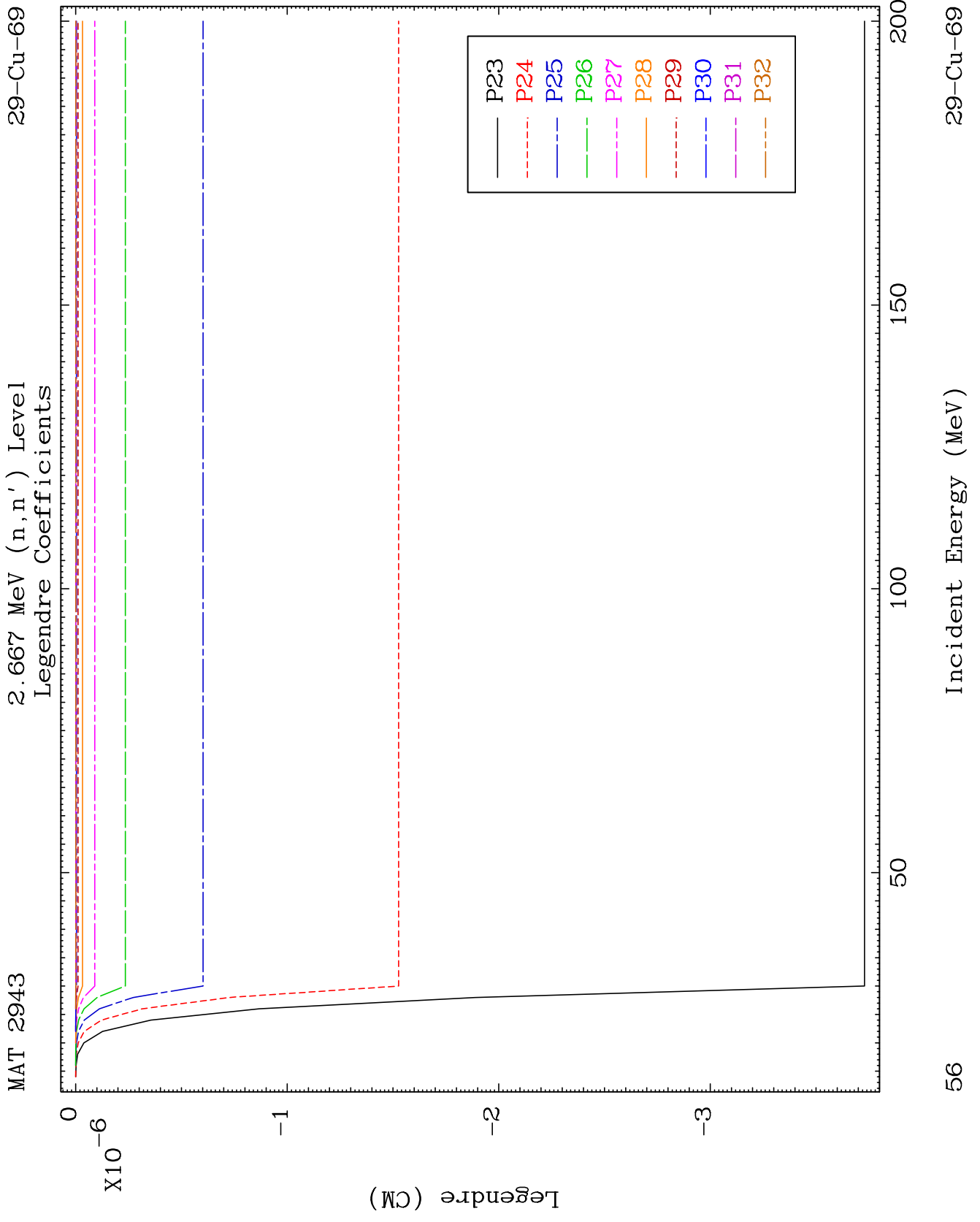
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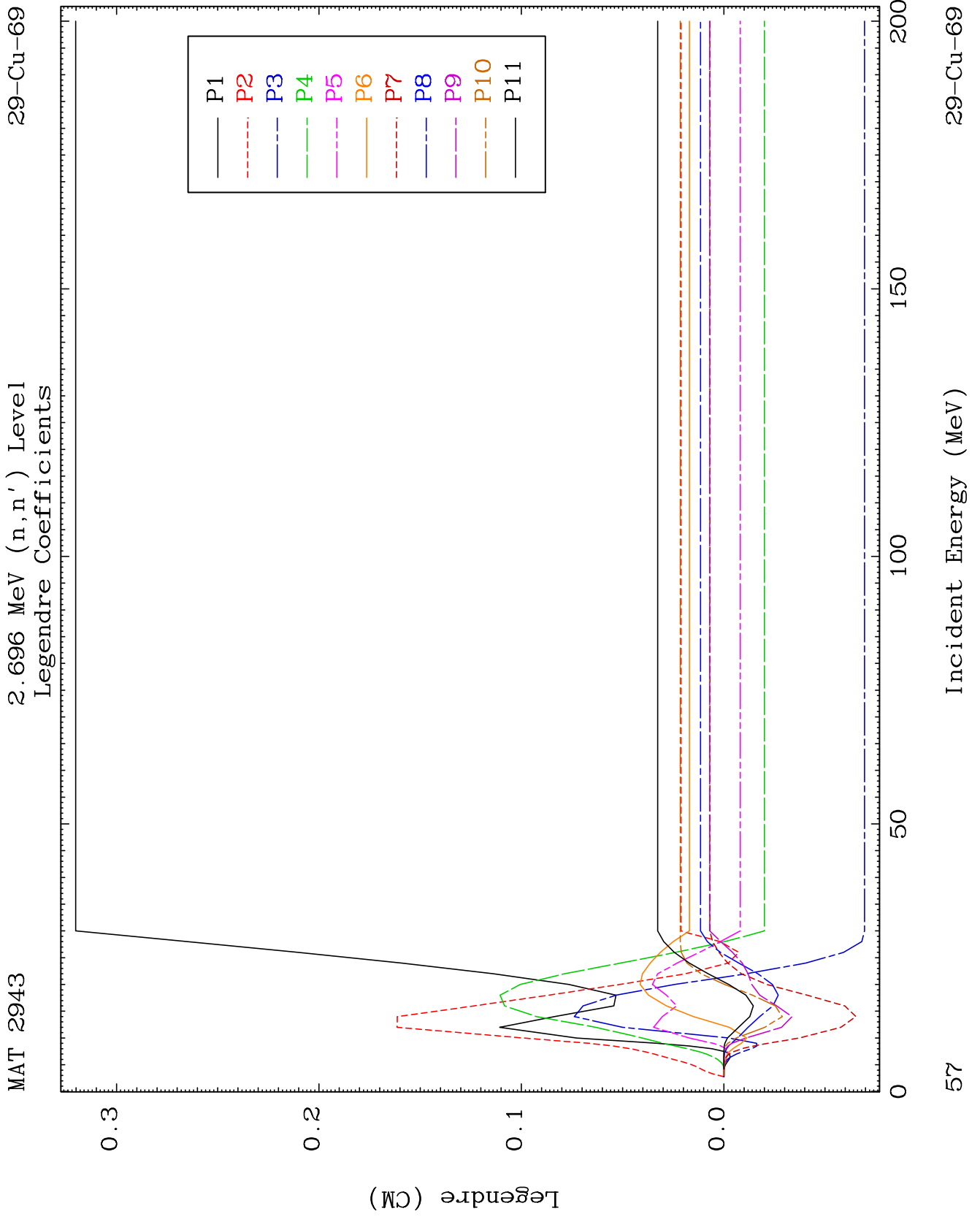


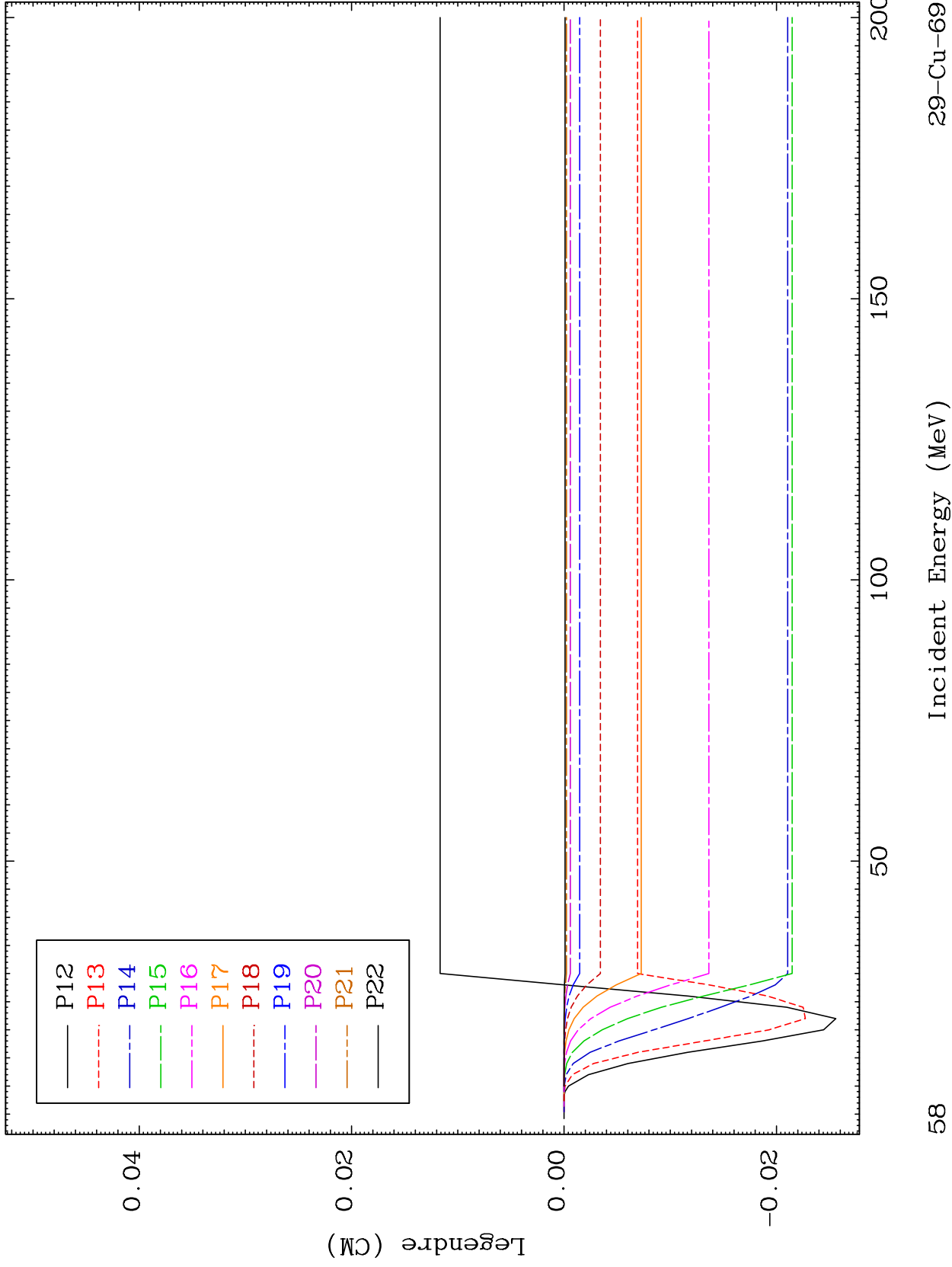
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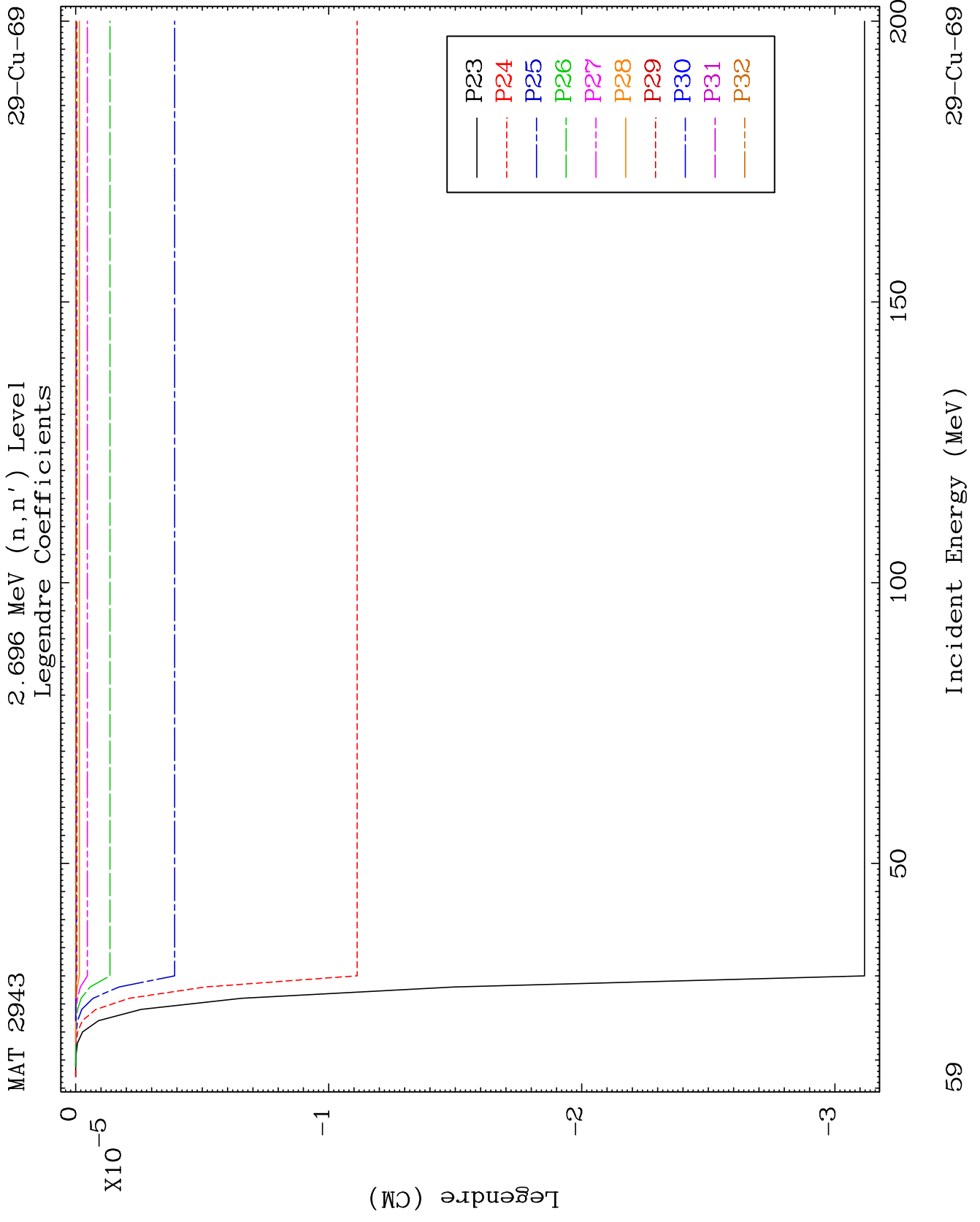
Incident Energy (MeV)

29-Cu-69





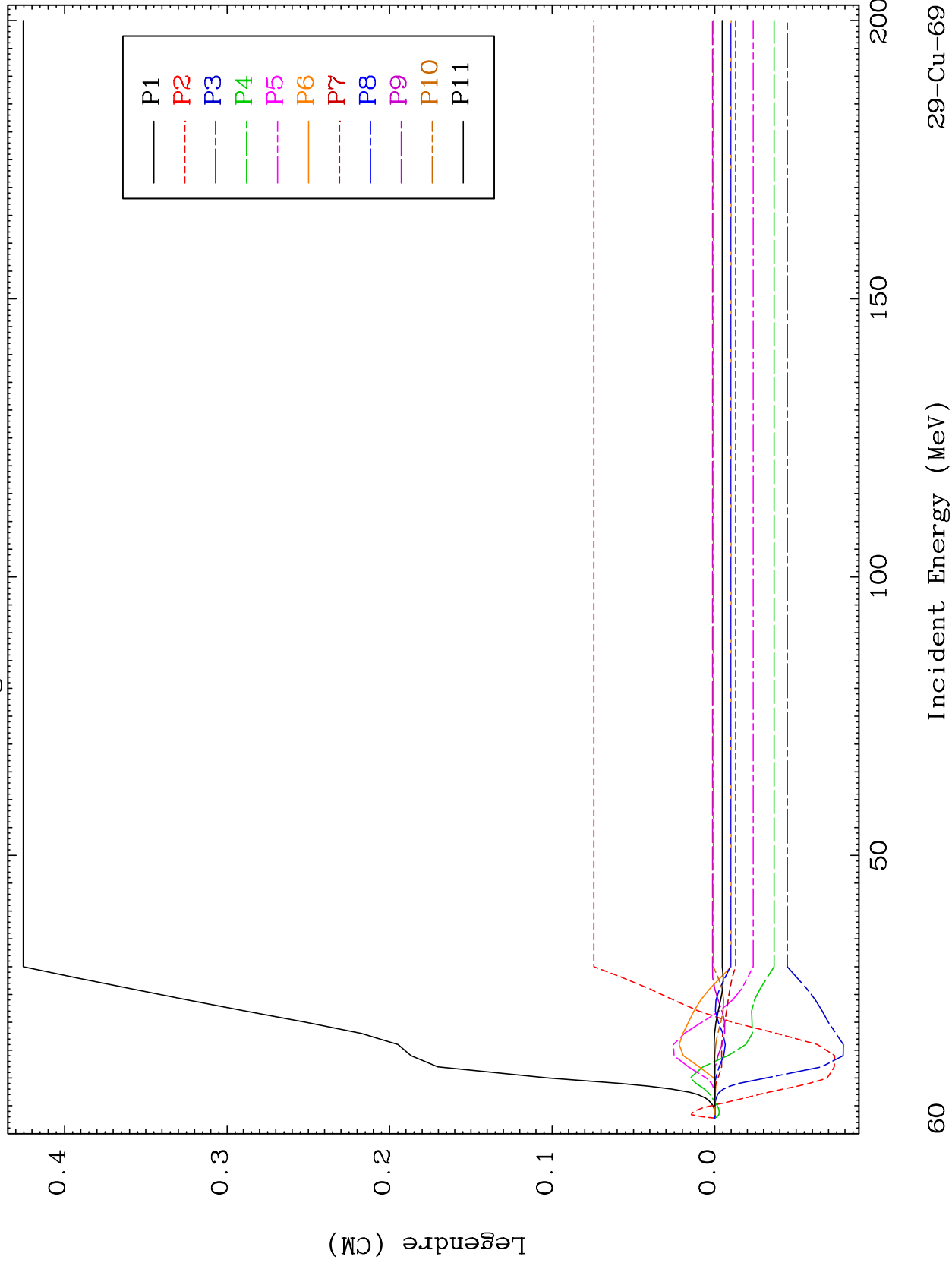




MAT 2943

2.742 MeV (n,n') Level
Legendre Coefficients

29-Cu-69



29-Cu-69

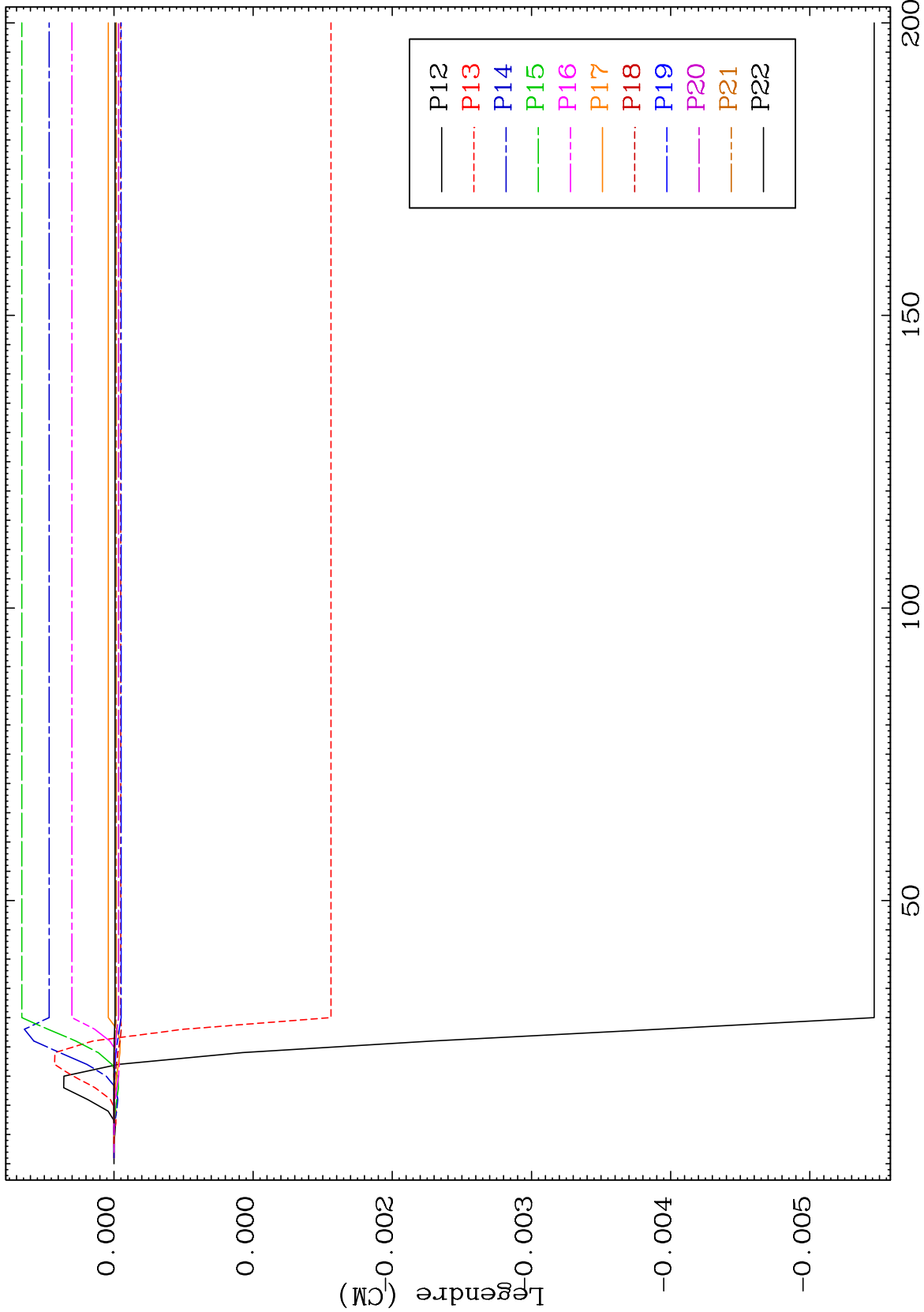
Incident Energy (MeV)

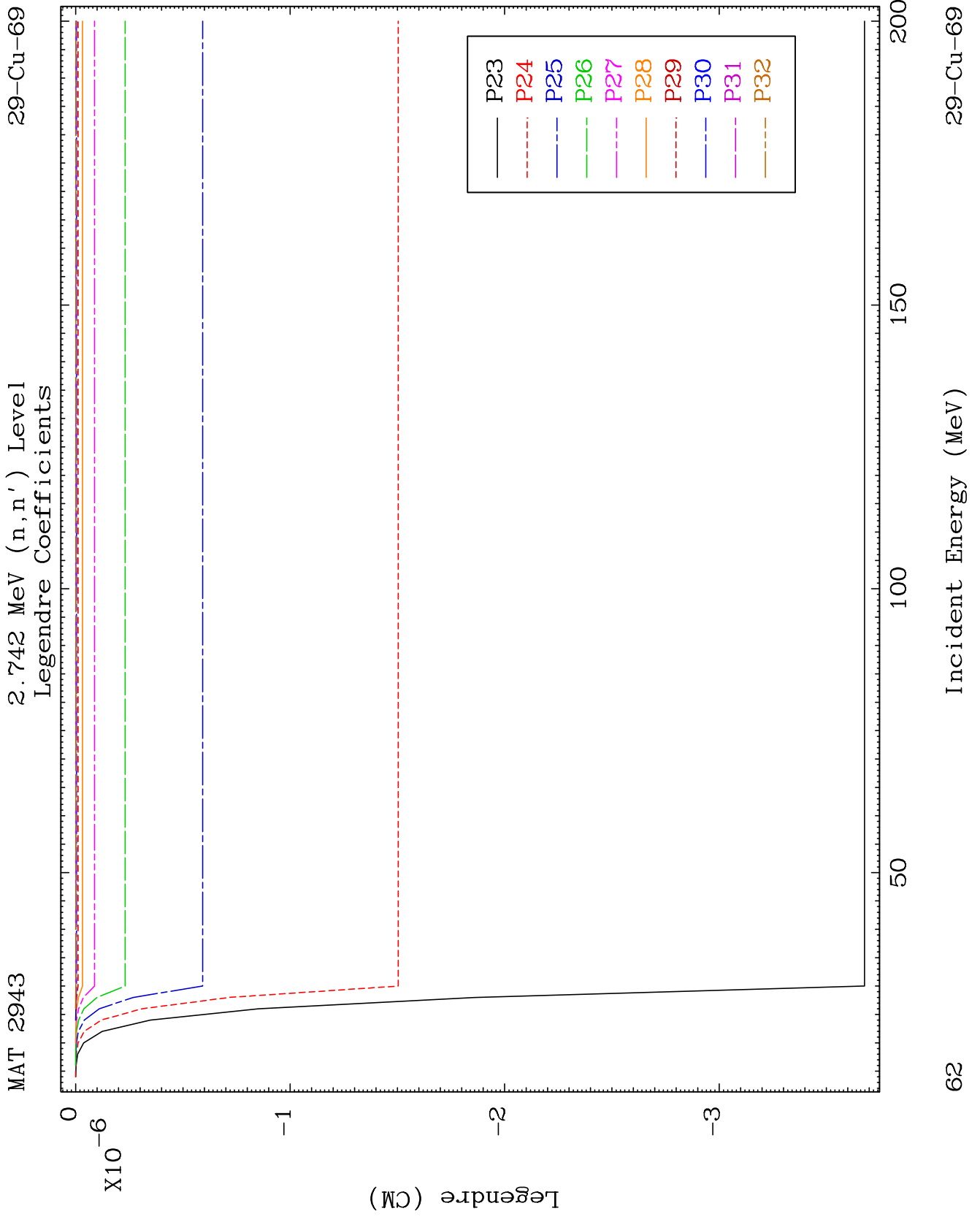
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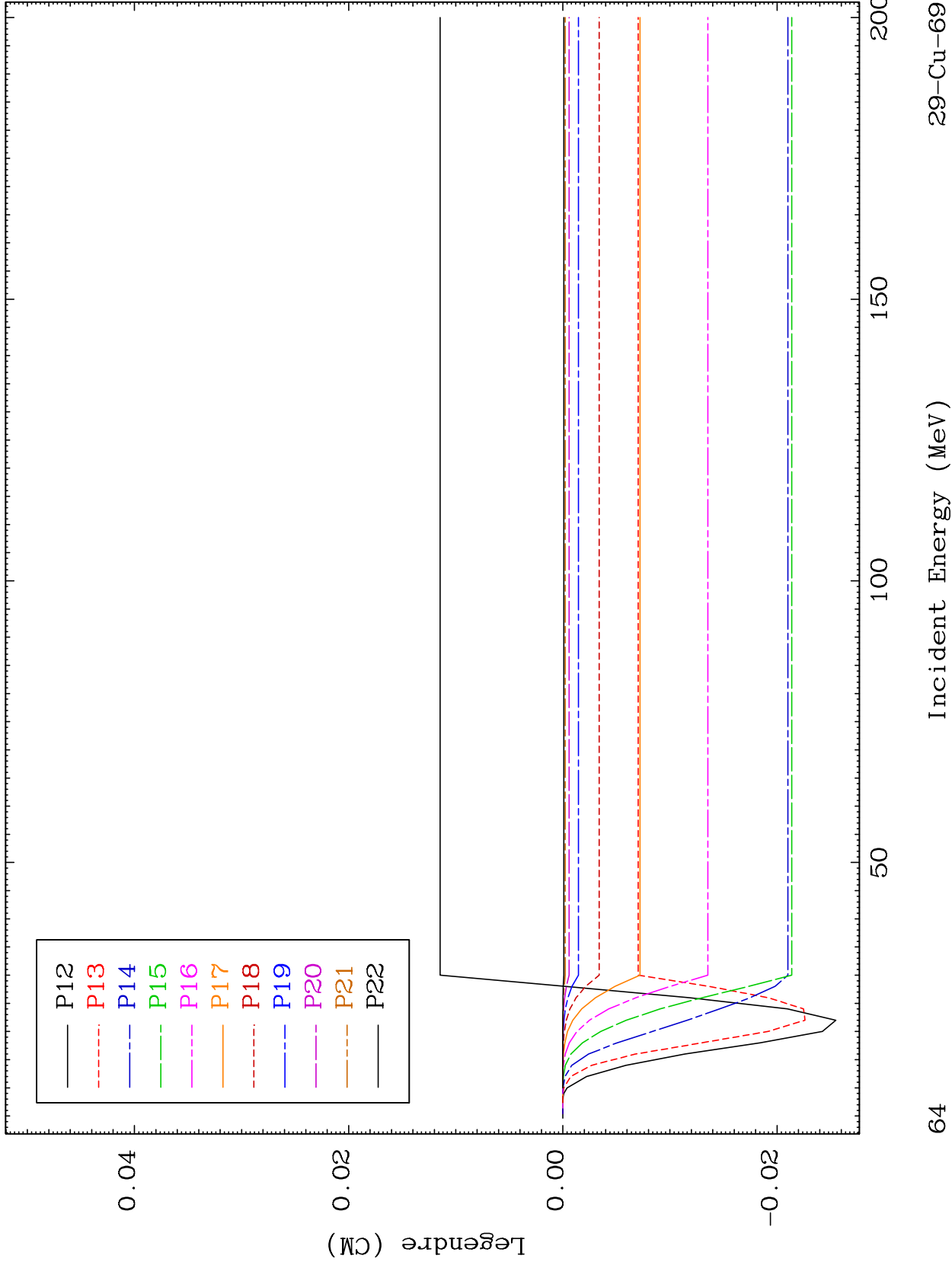
MAT 2943

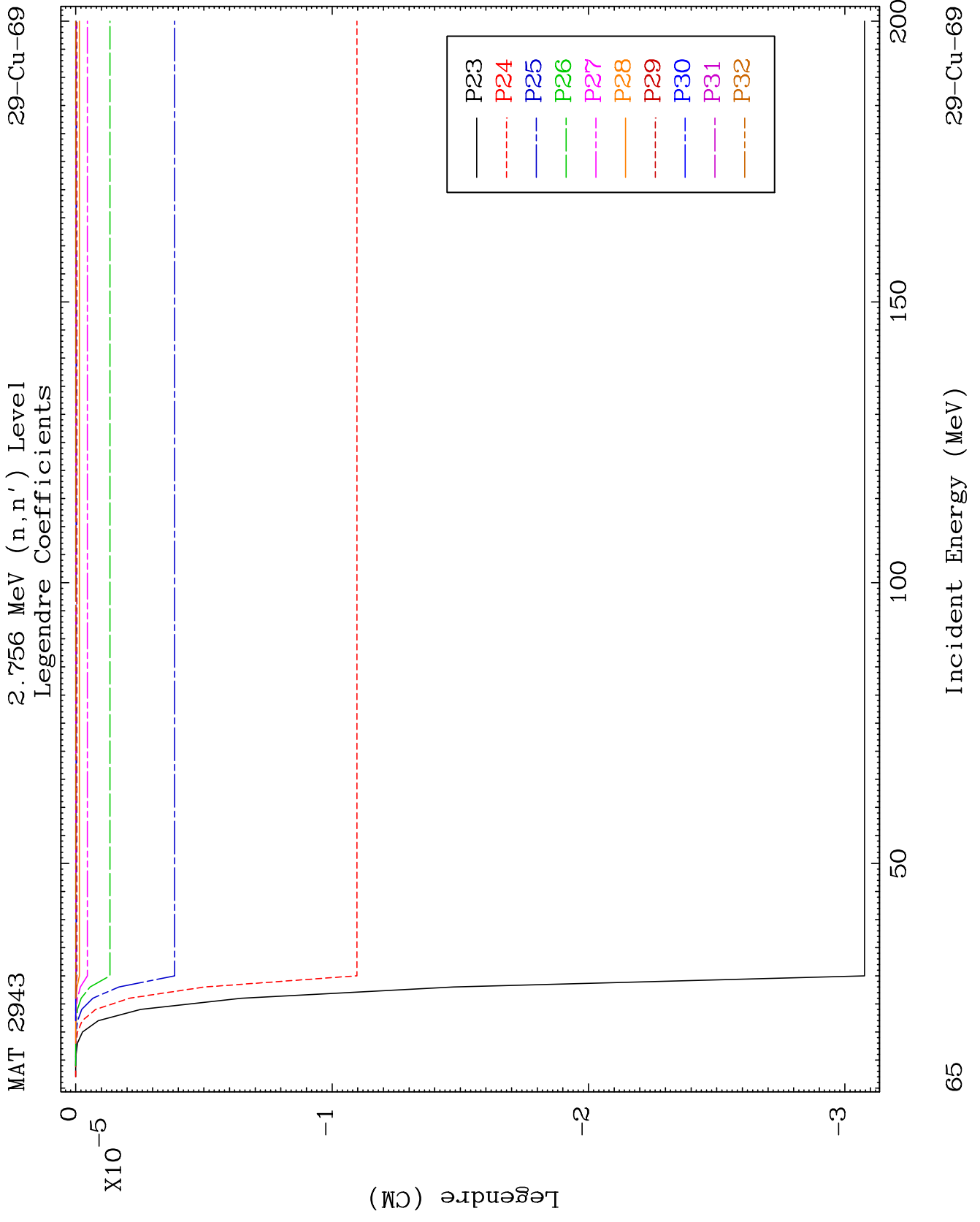
2.742 MeV (n,n') Level
Legendre Coefficients

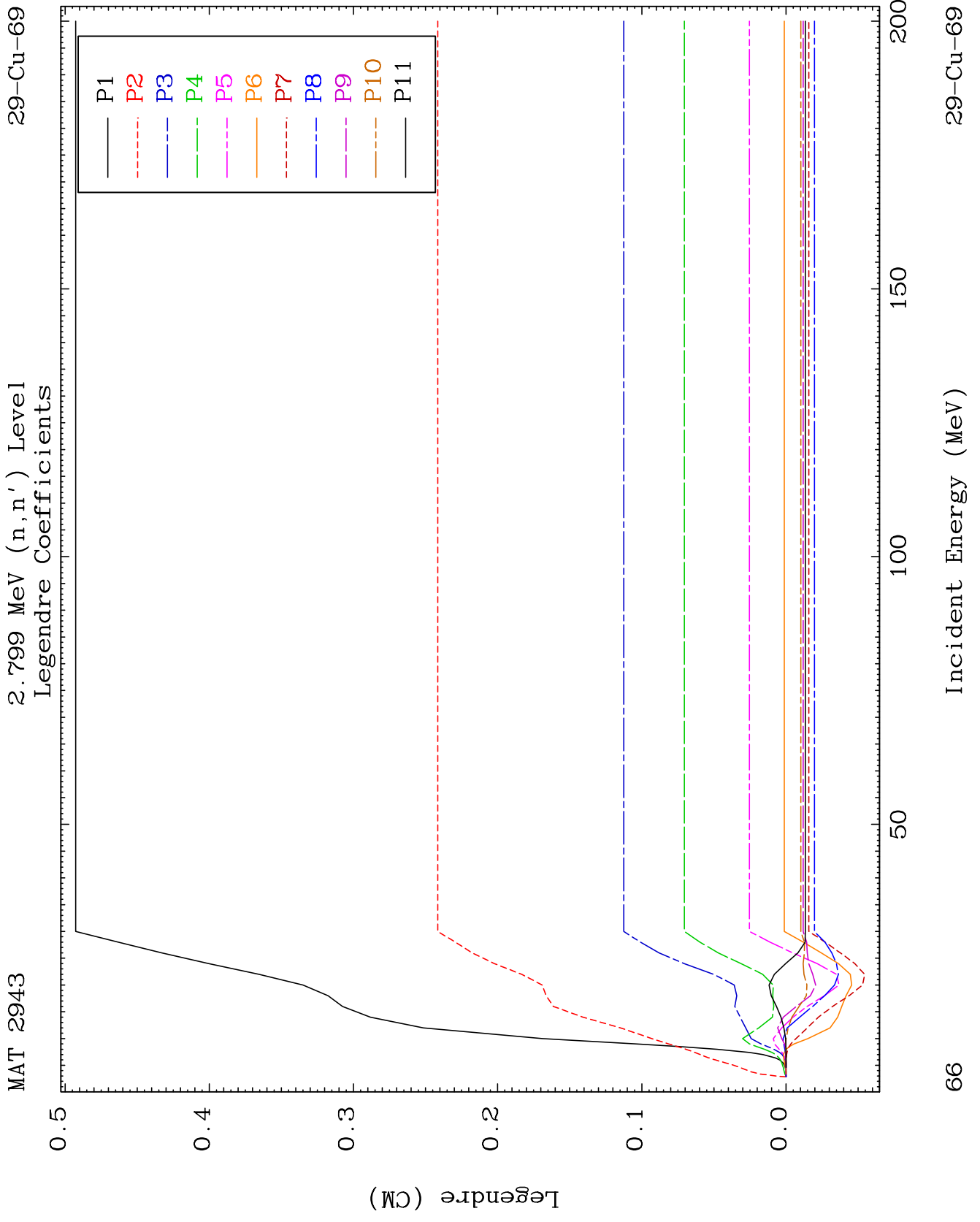
29-Cu-69







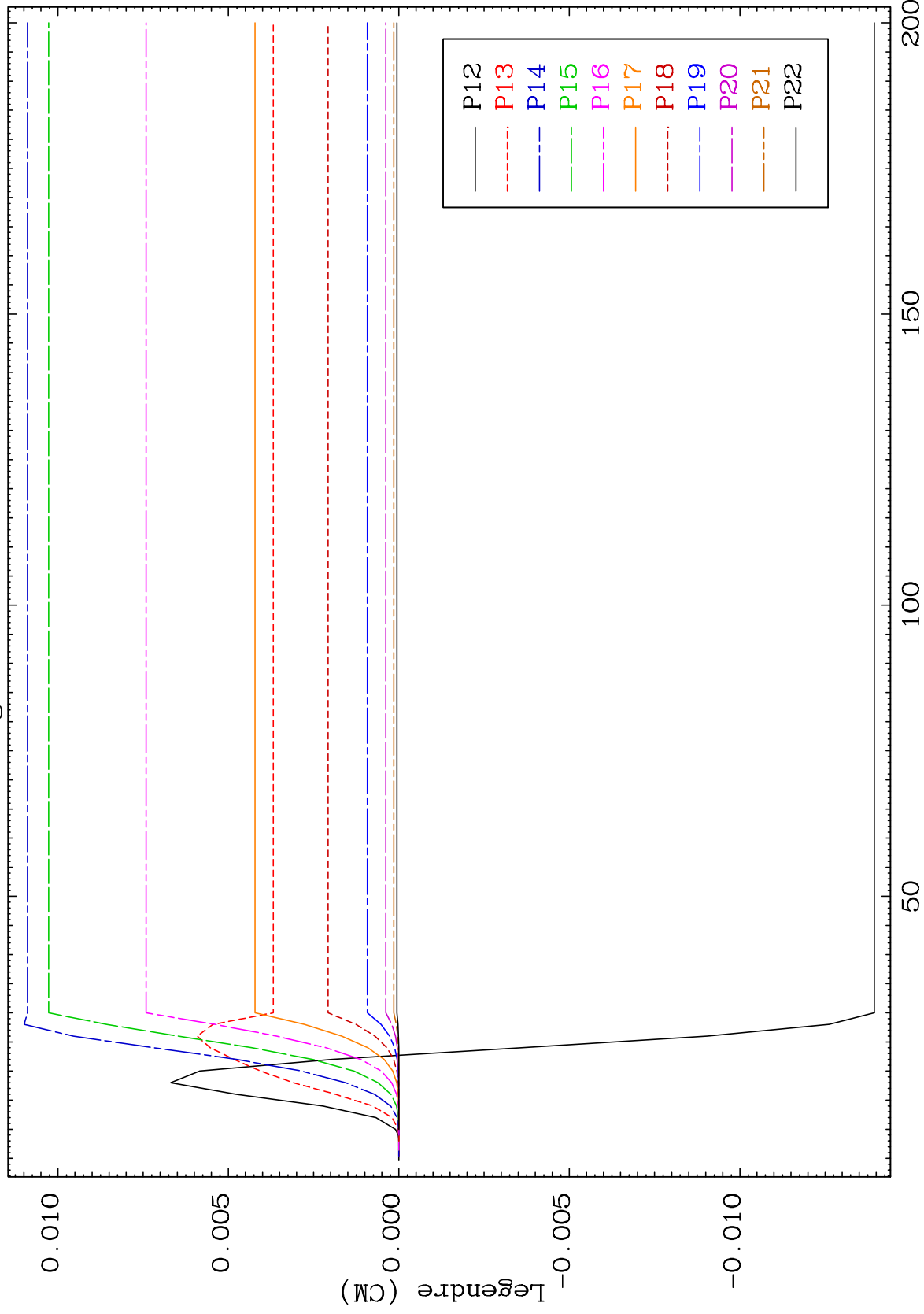




MAT 2943

2.799 MeV (n,n') Level
Legendre Coefficients

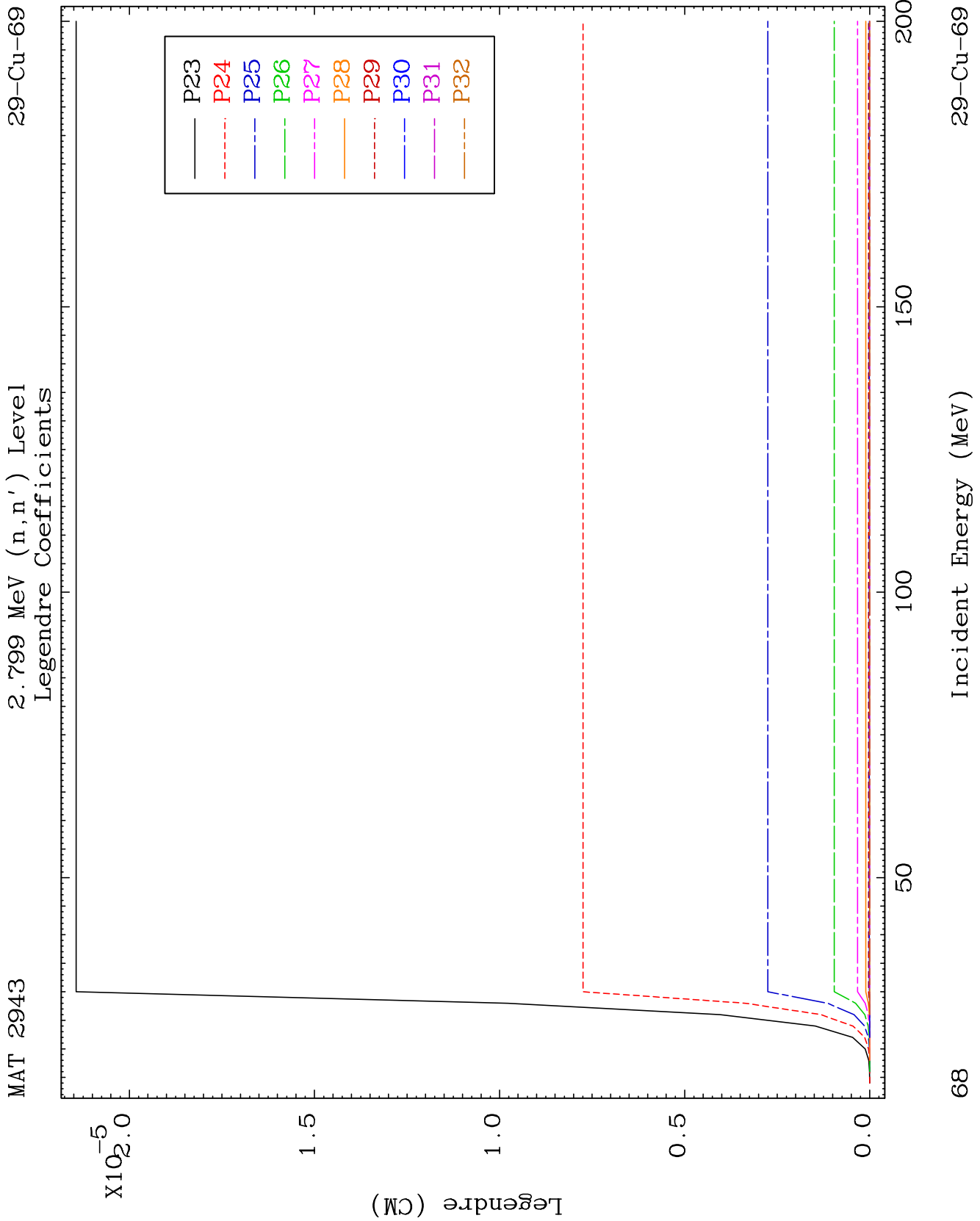
29-Cu-69

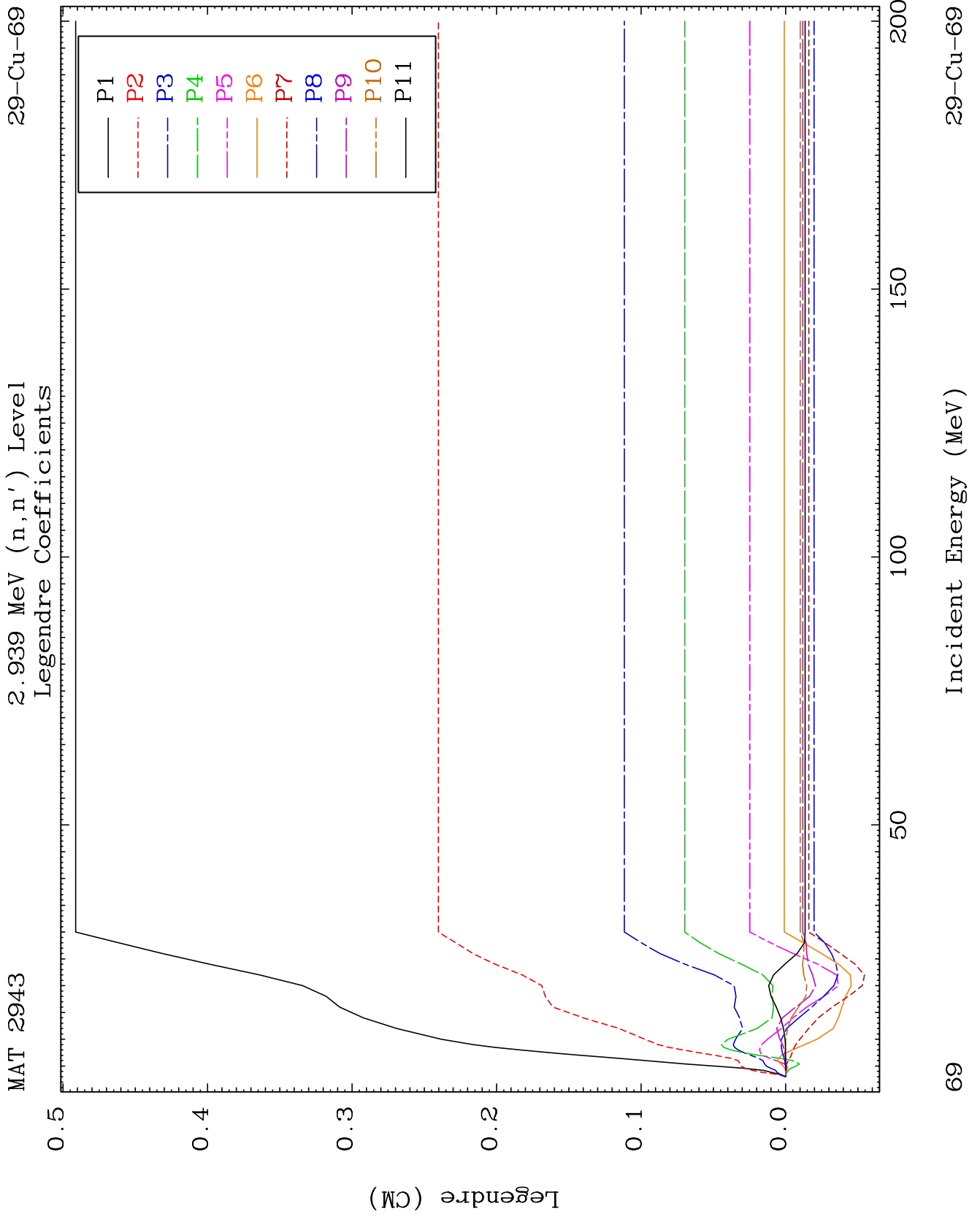


67

Incident Energy (MeV)

29-Cu-69

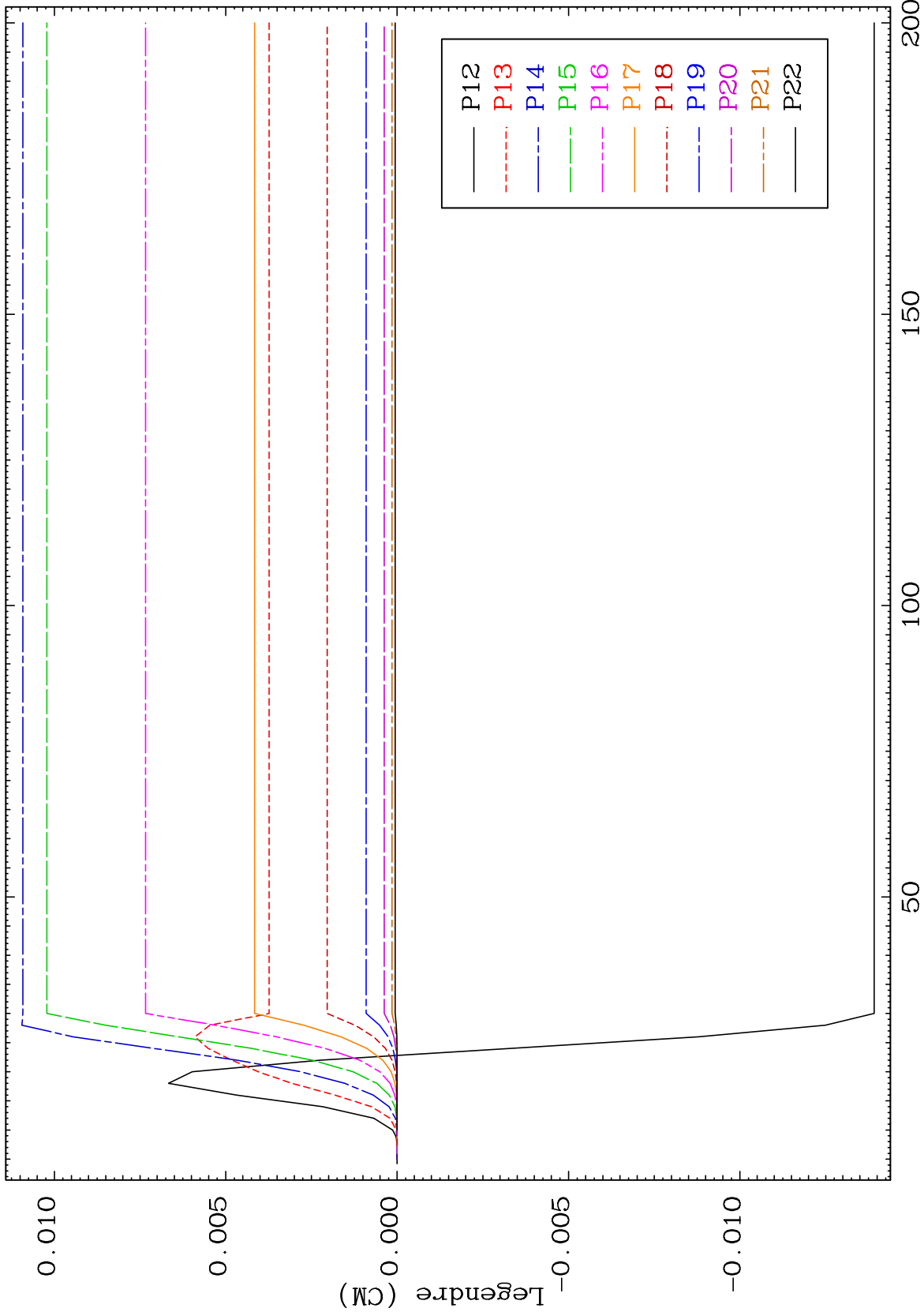




MAT 2943

2.939 MeV (n,n') Level
Legendre Coefficients

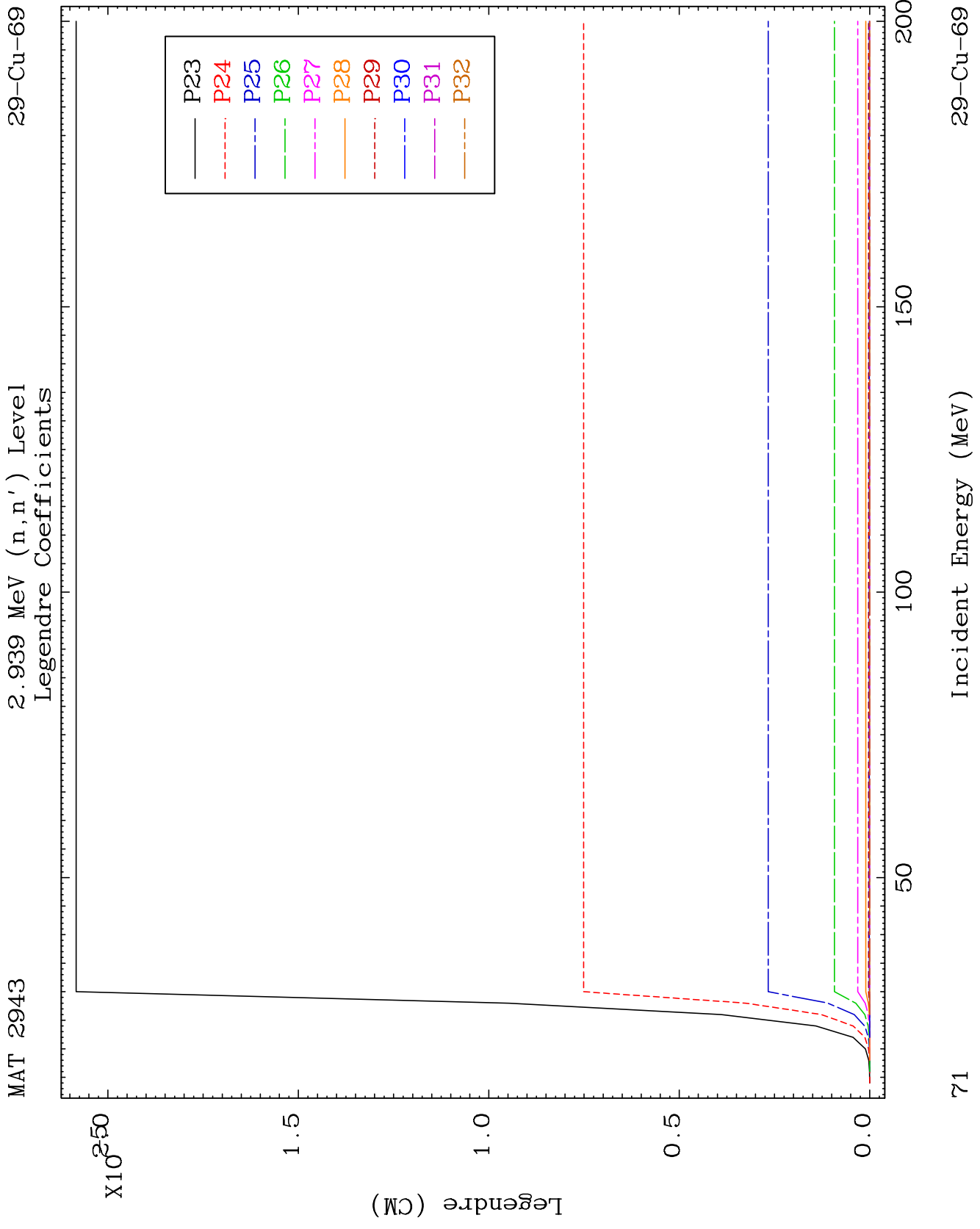
29-Cu-69

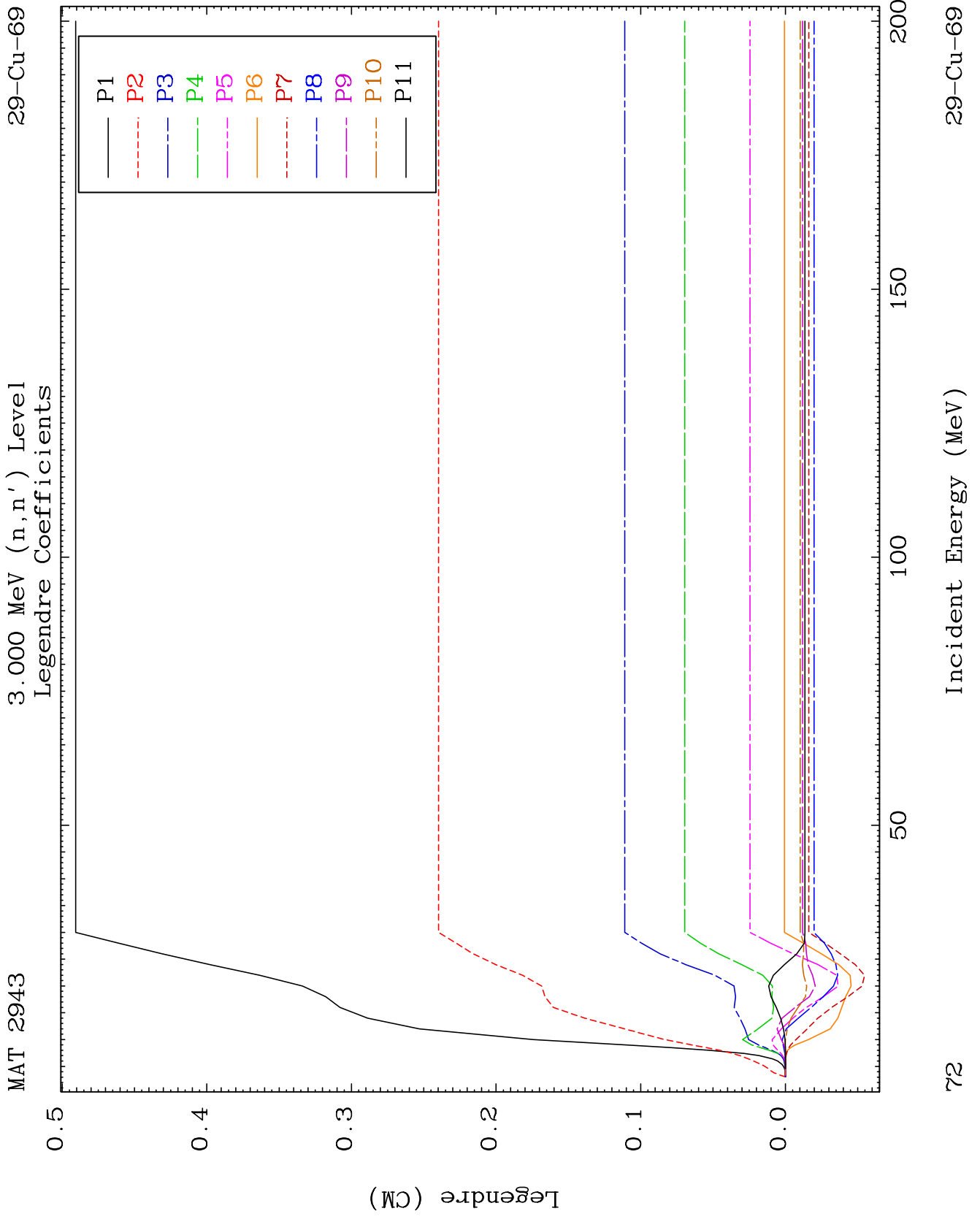


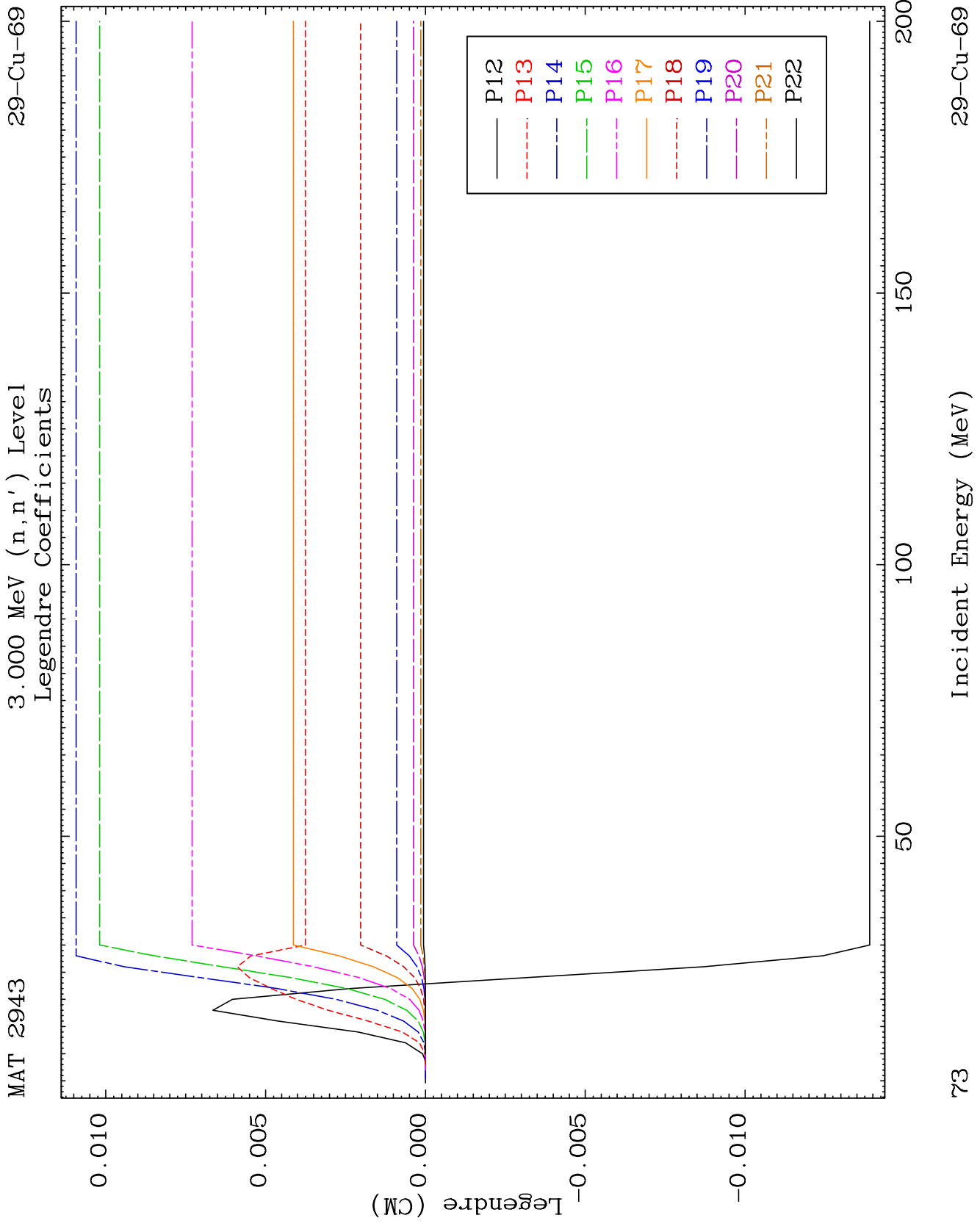
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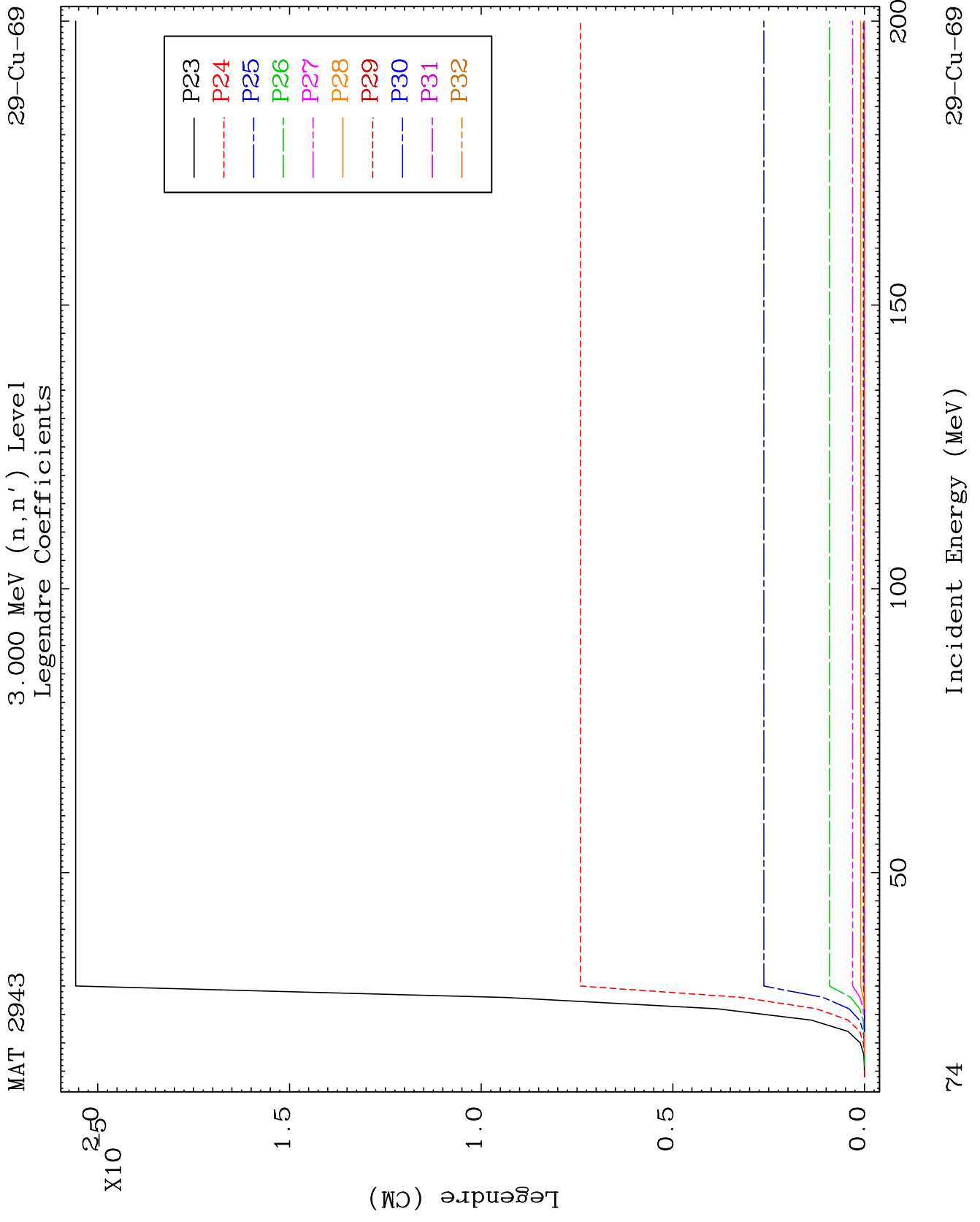
Incident Energy (MeV)

29-Cu-69





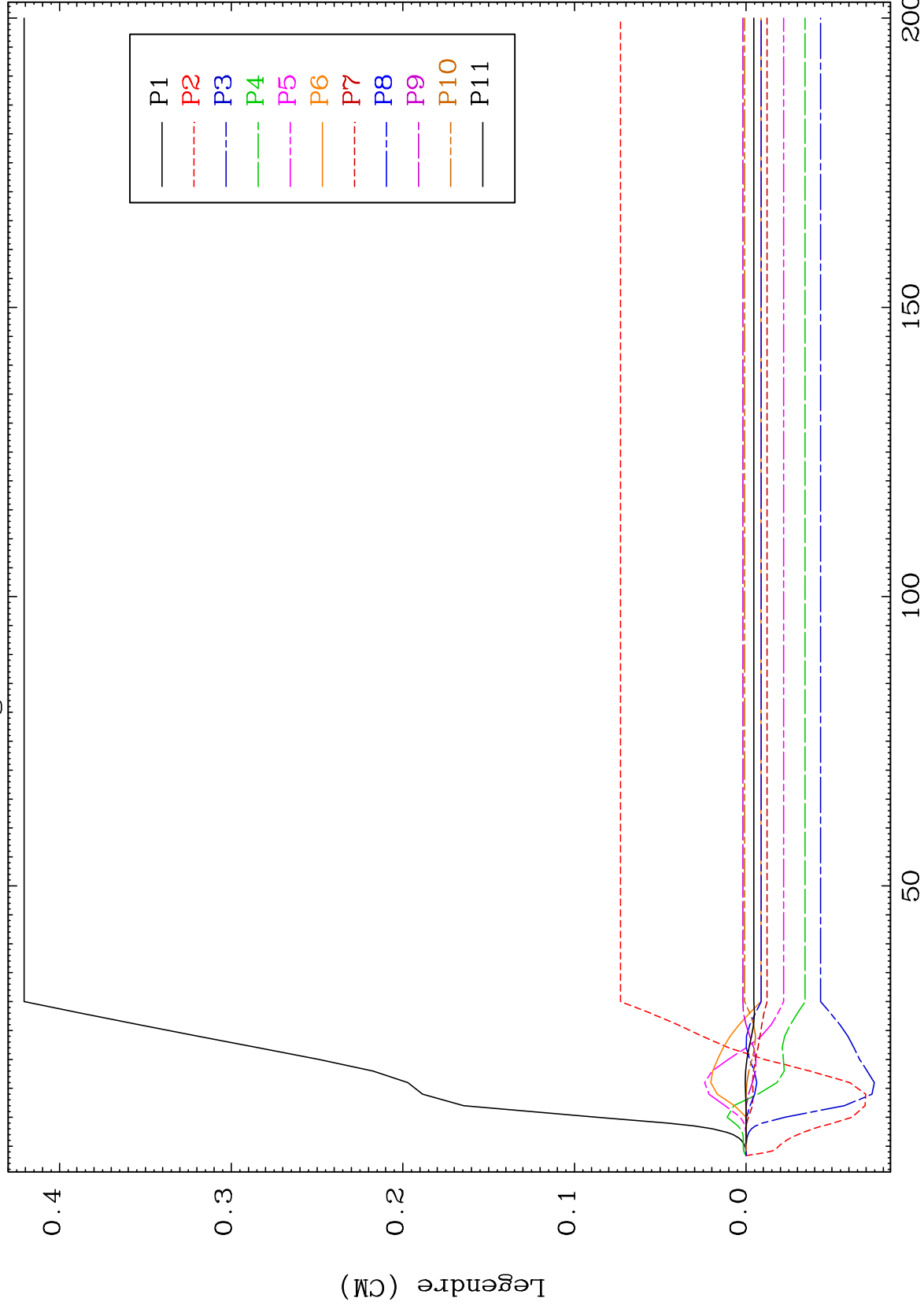




MAT 2943

3.300 MeV (n,n') Level
Legendre Coefficients

29-Cu-69



75

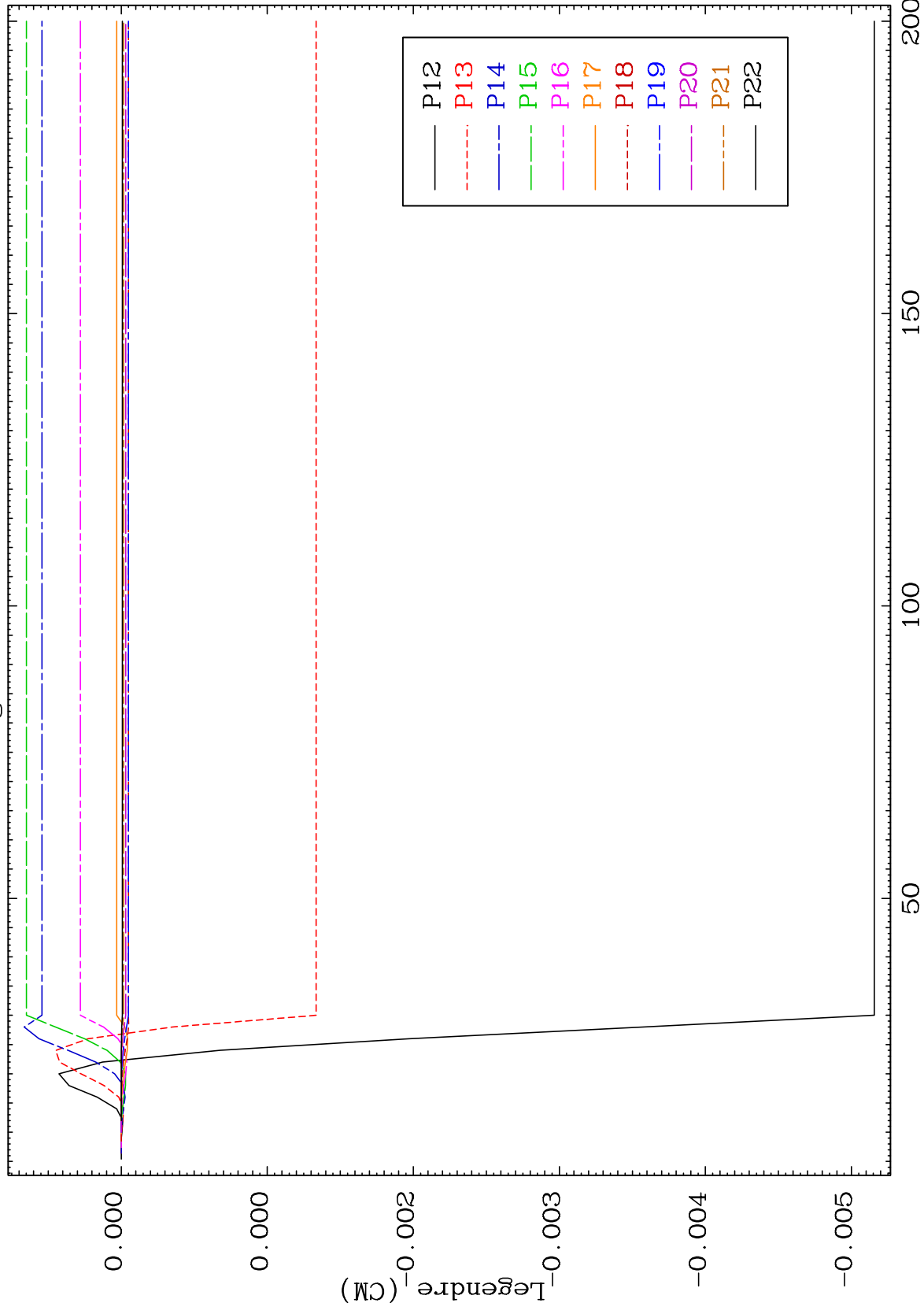
Incident Energy (MeV)

29-Cu-69

MAT 2943

3.300 MeV (n,n') Level
Legendre Coefficients

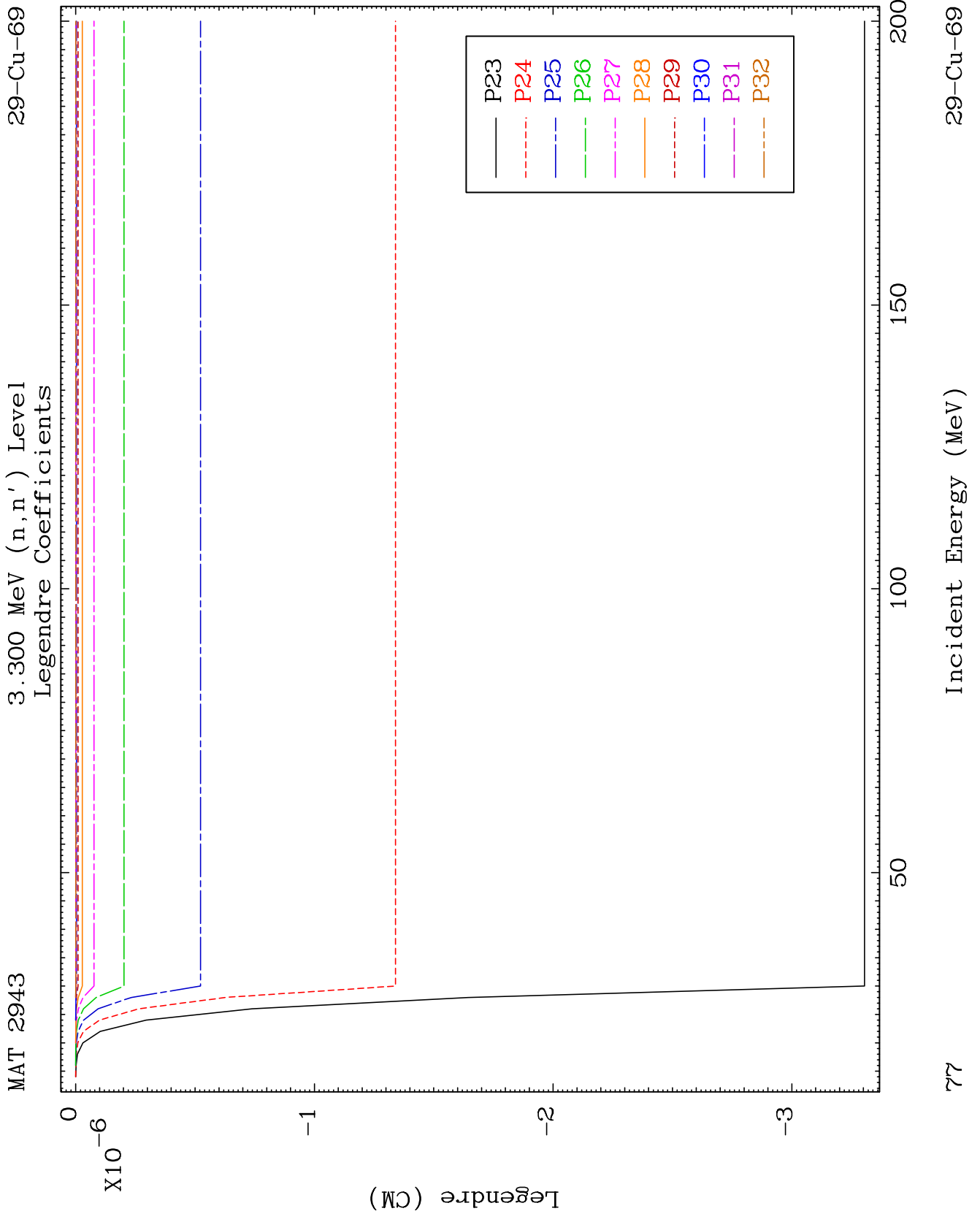
29-Cu-69

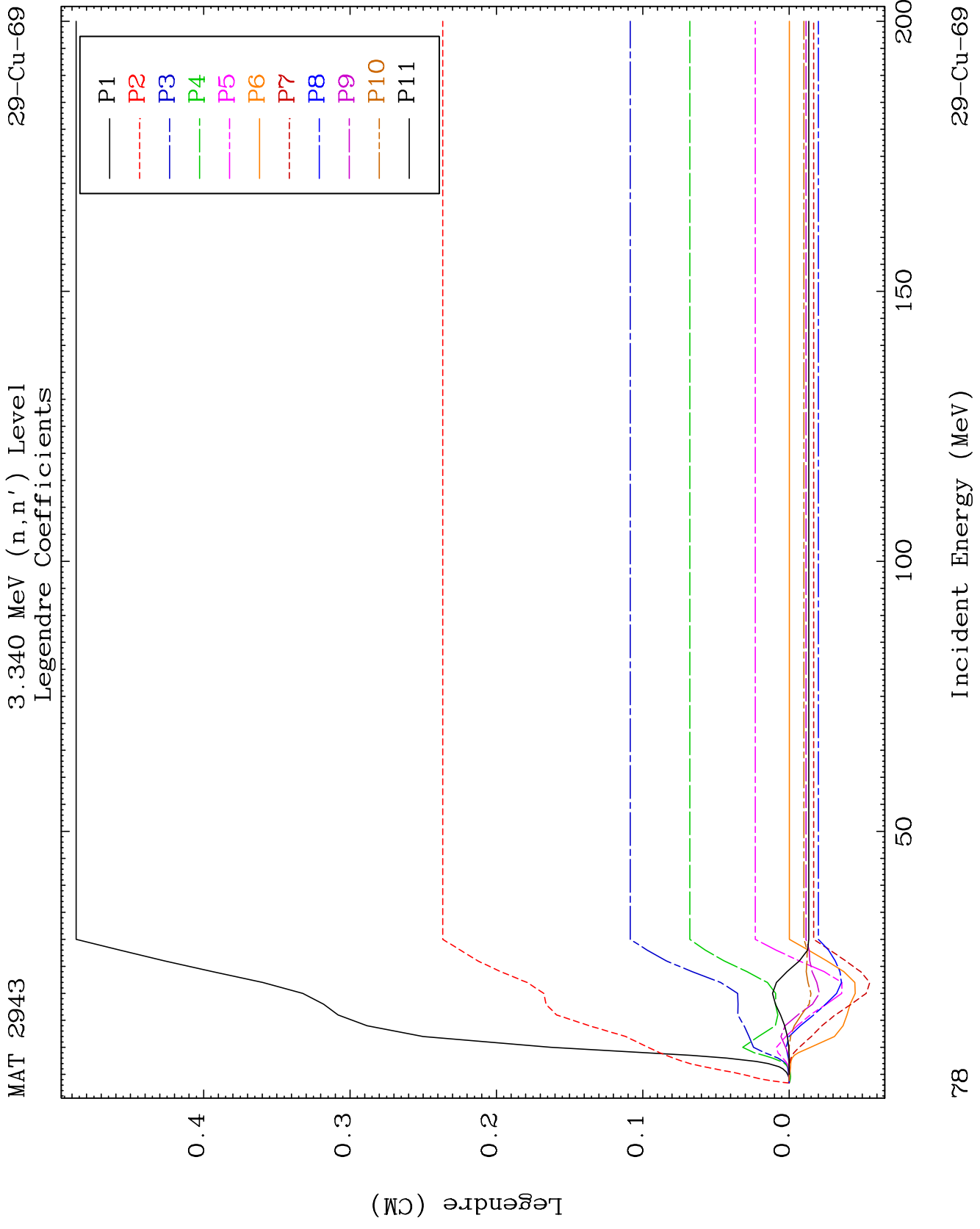


76

Incident Energy (MeV)

29-Cu-69

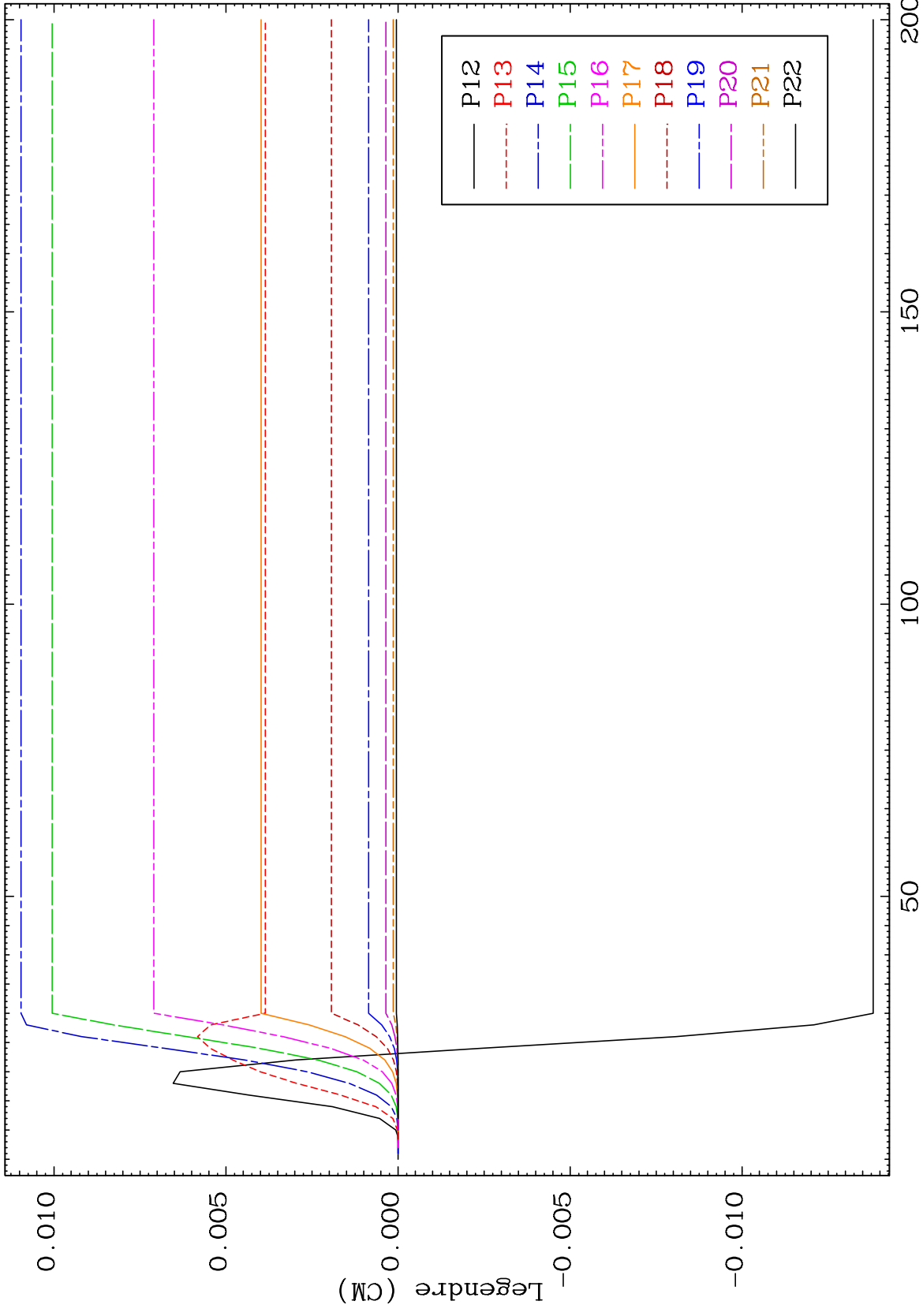




MAT 2943

3.340 MeV (n,n') Level
Legendre Coefficients

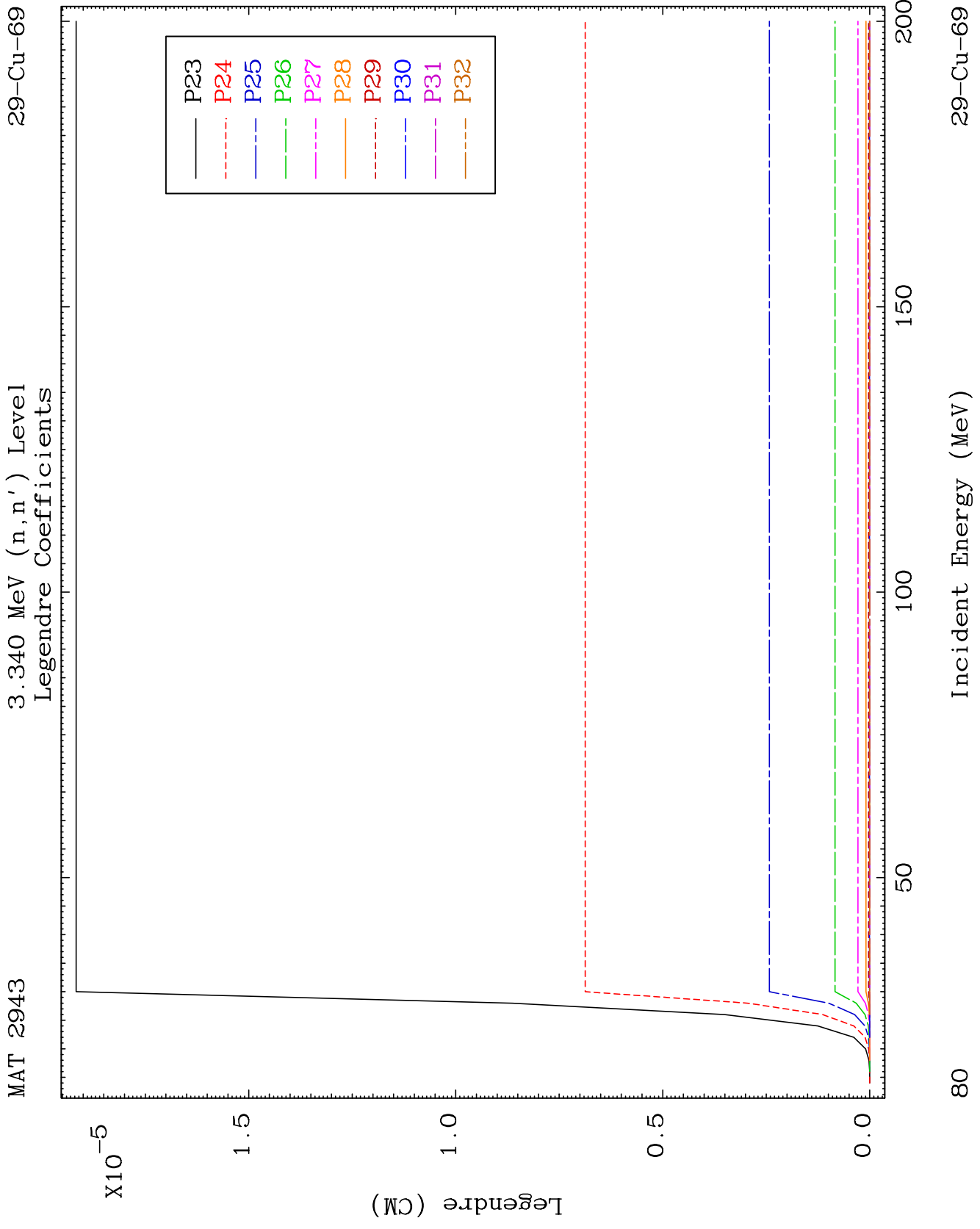
29-Cu-69

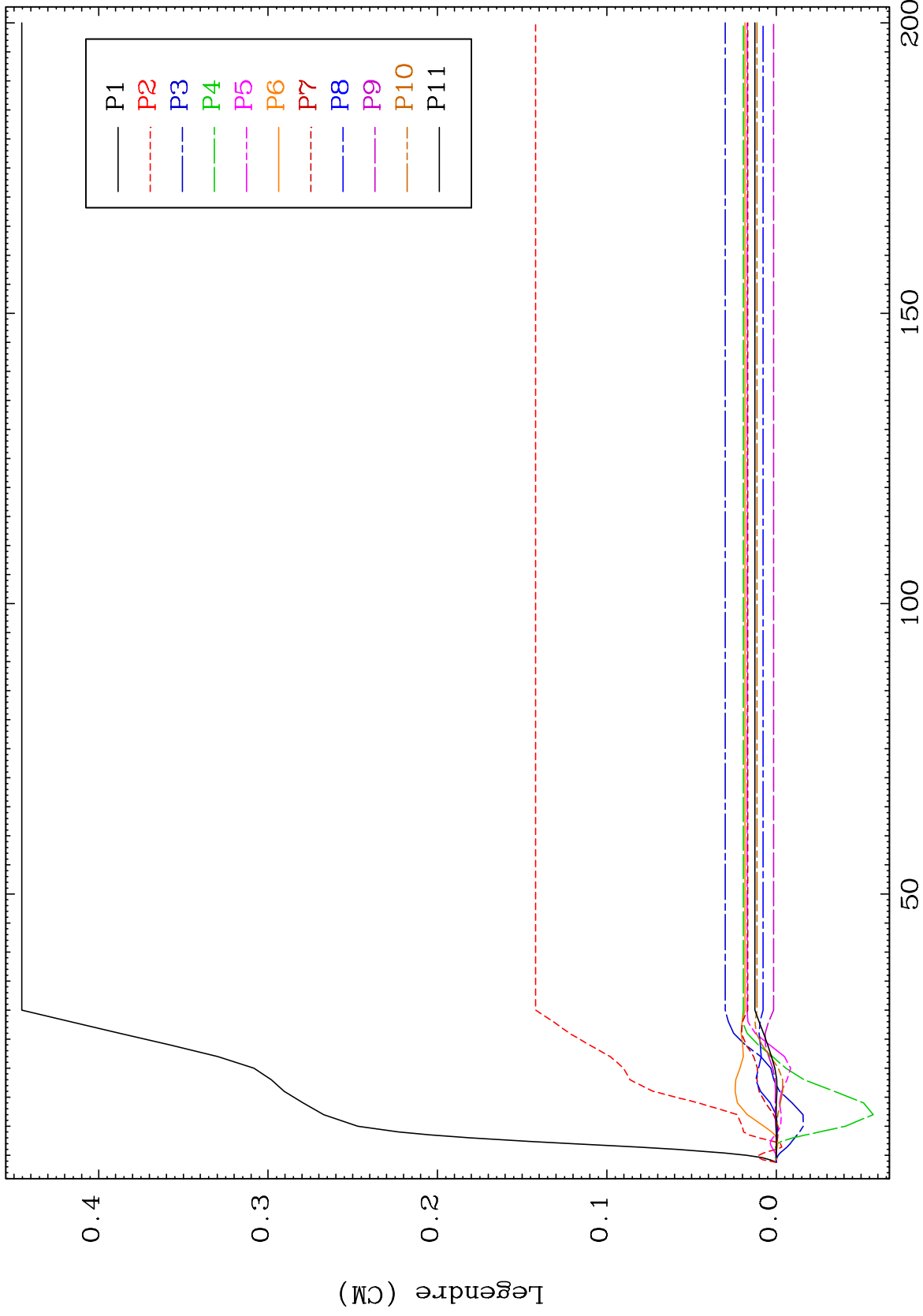


79

Incident Energy (MeV)

29-Cu-69

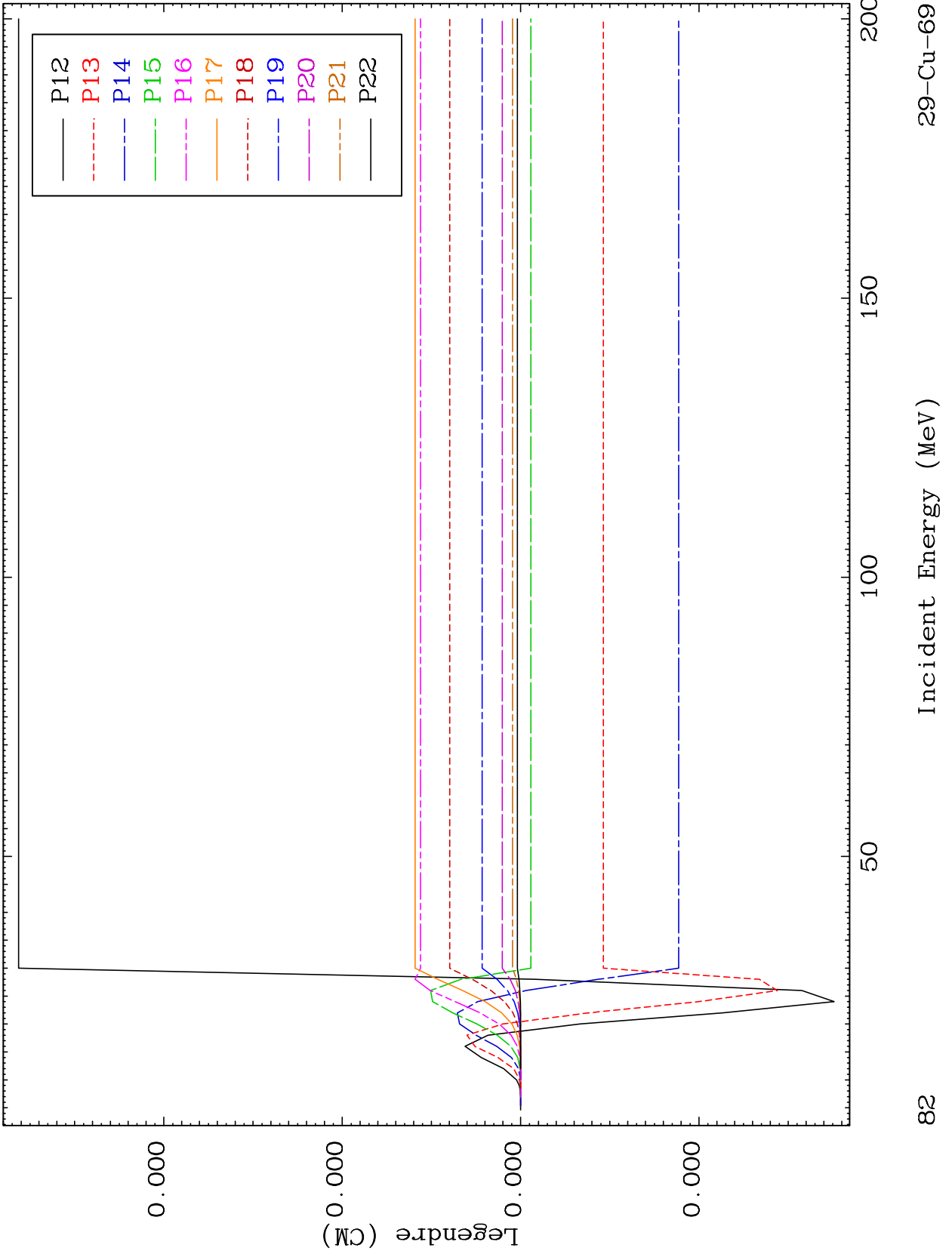




MAT 2943

3.700 MeV (n,n') Level
Legendre Coefficients

29-Cu-69



82

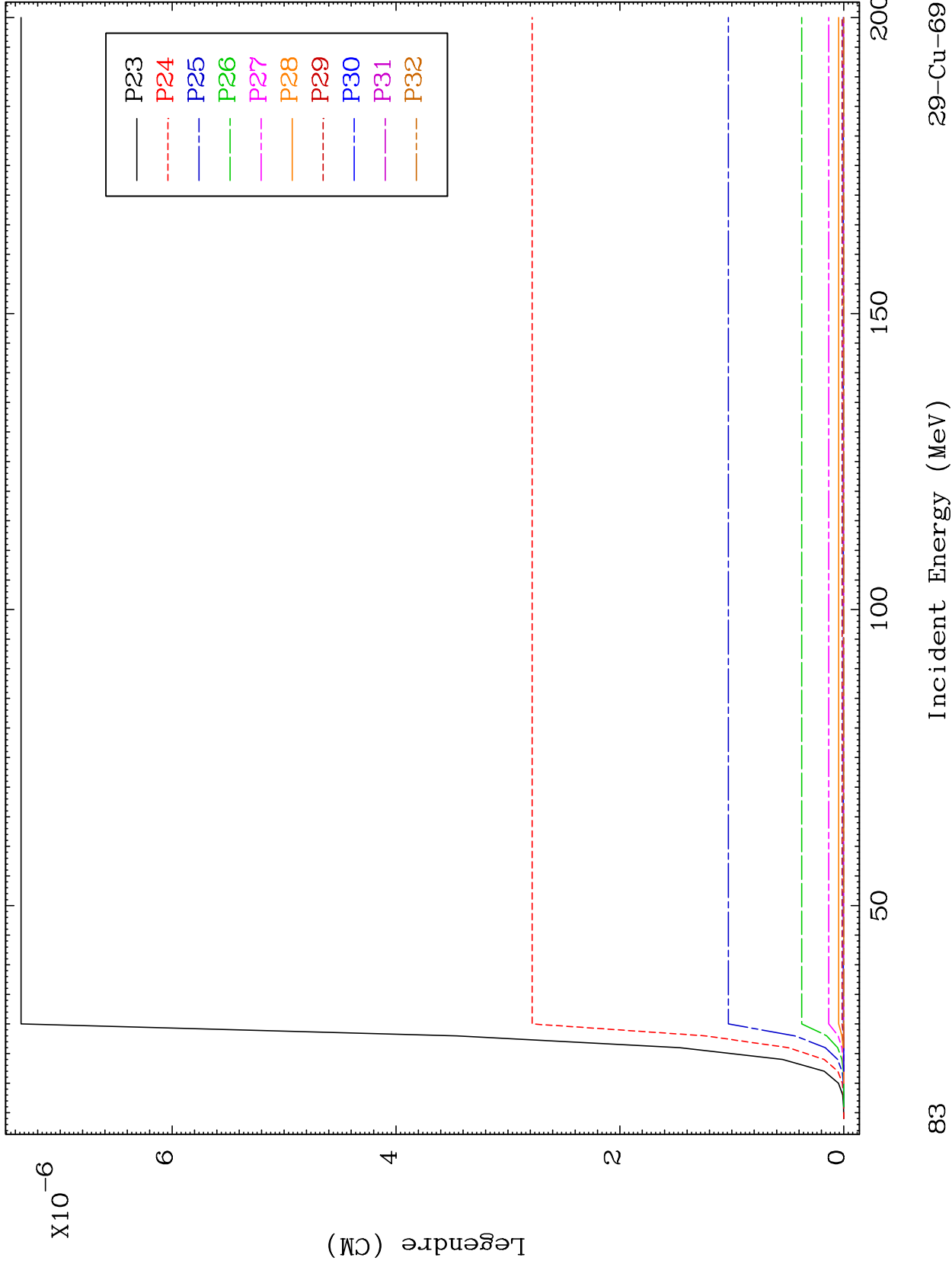
Incident Energy (MeV)

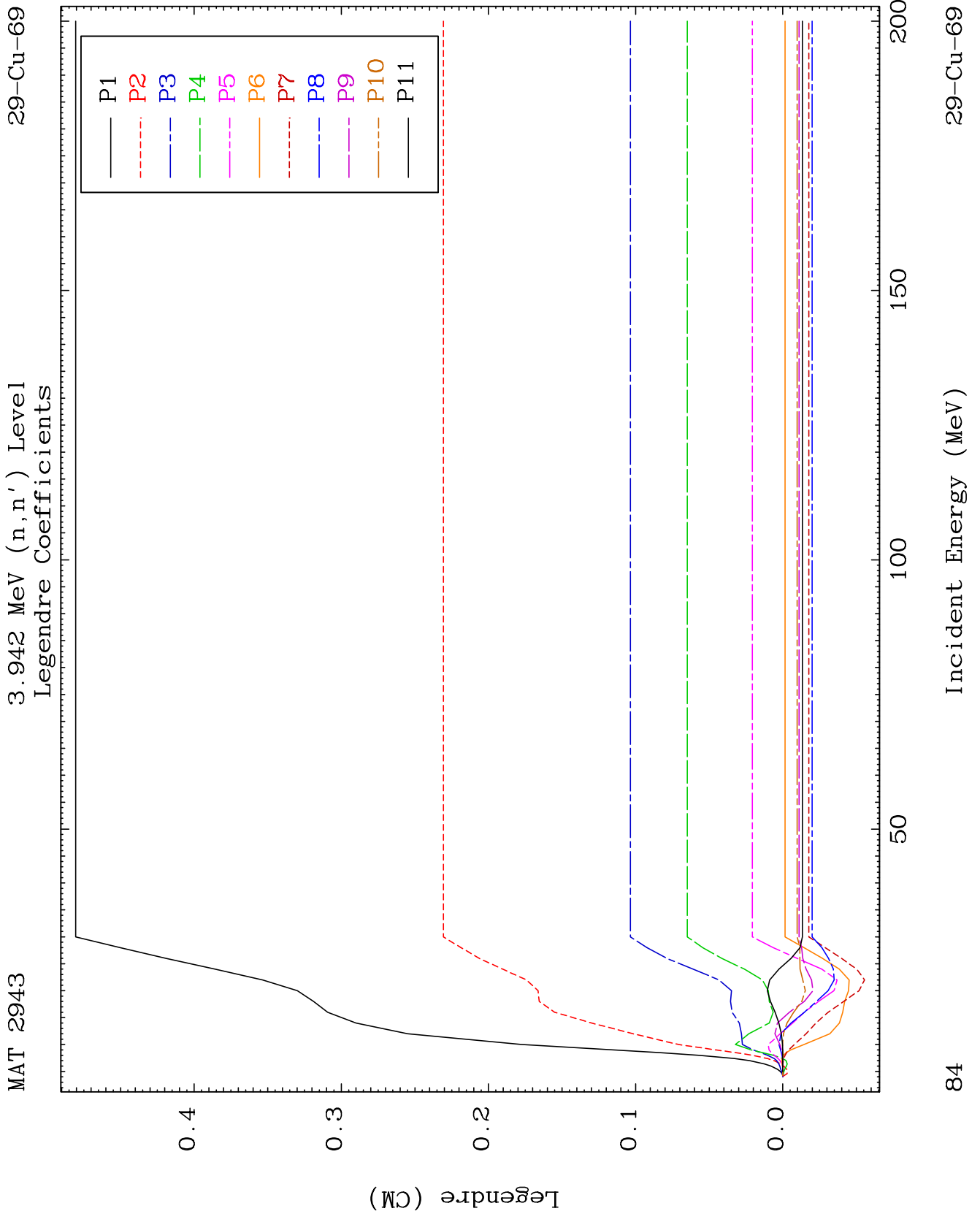
29-Cu-69

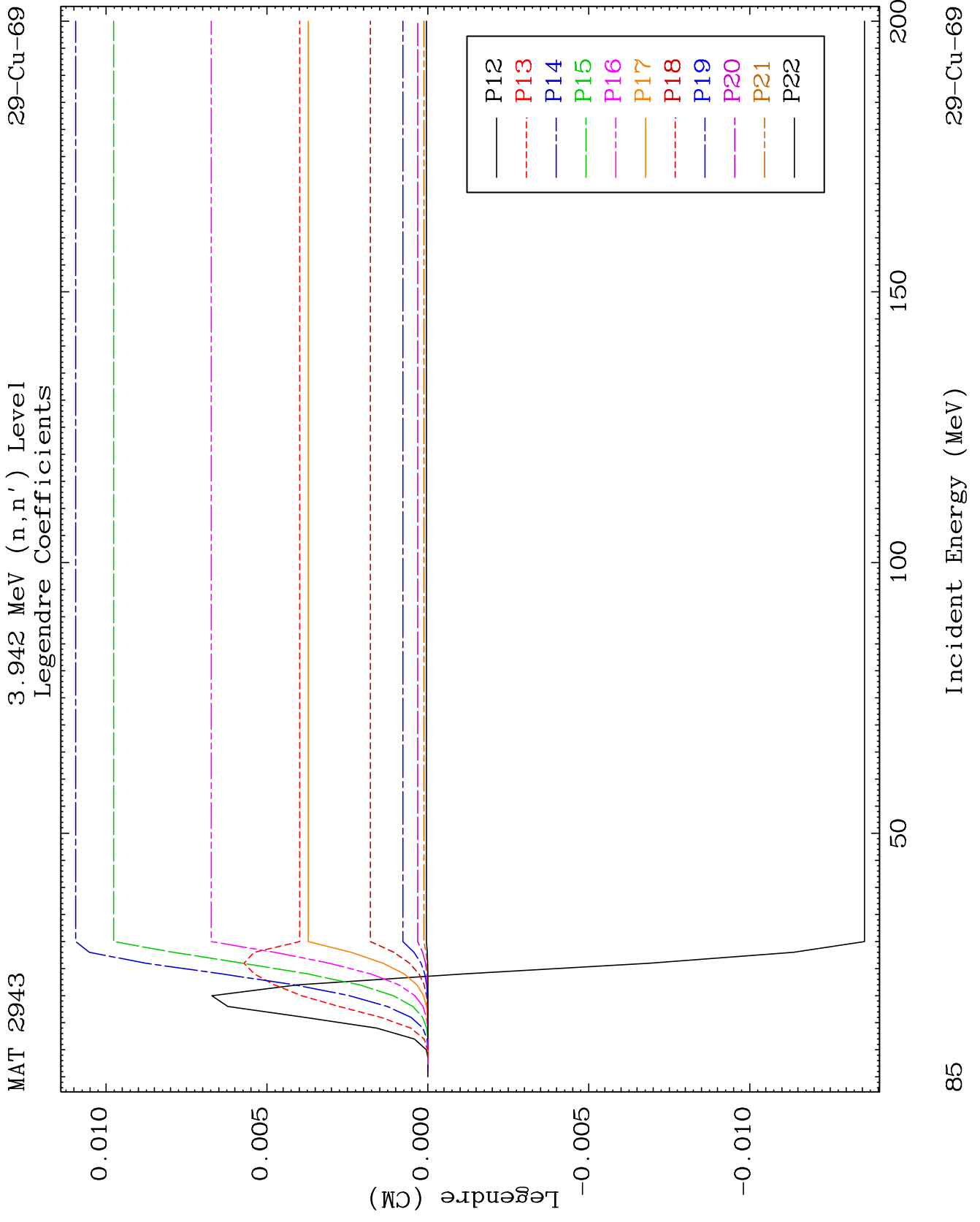
MAT 2943

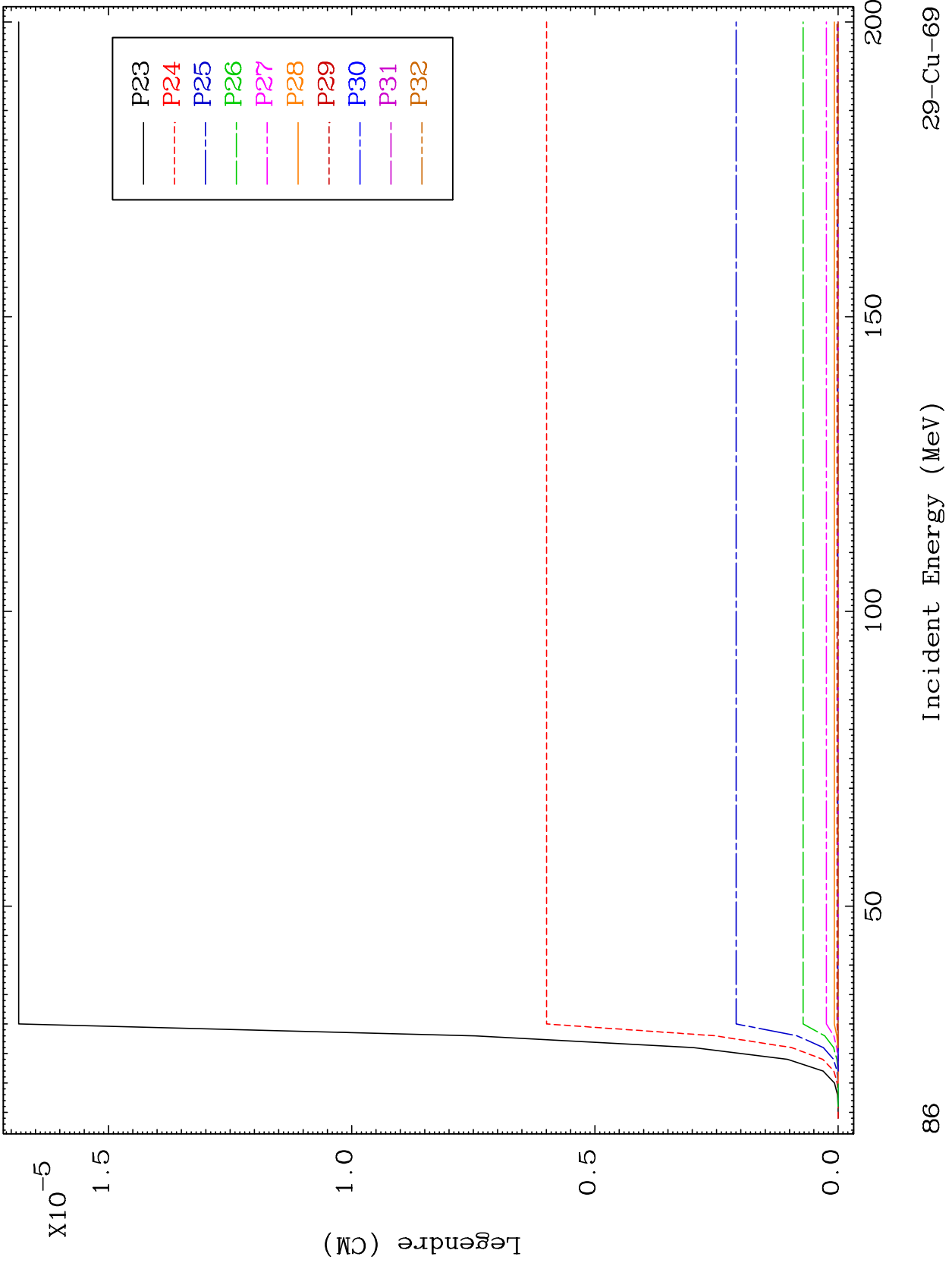
3.700 MeV (n,n') Level
Legendre Coefficients

29-Cu-69





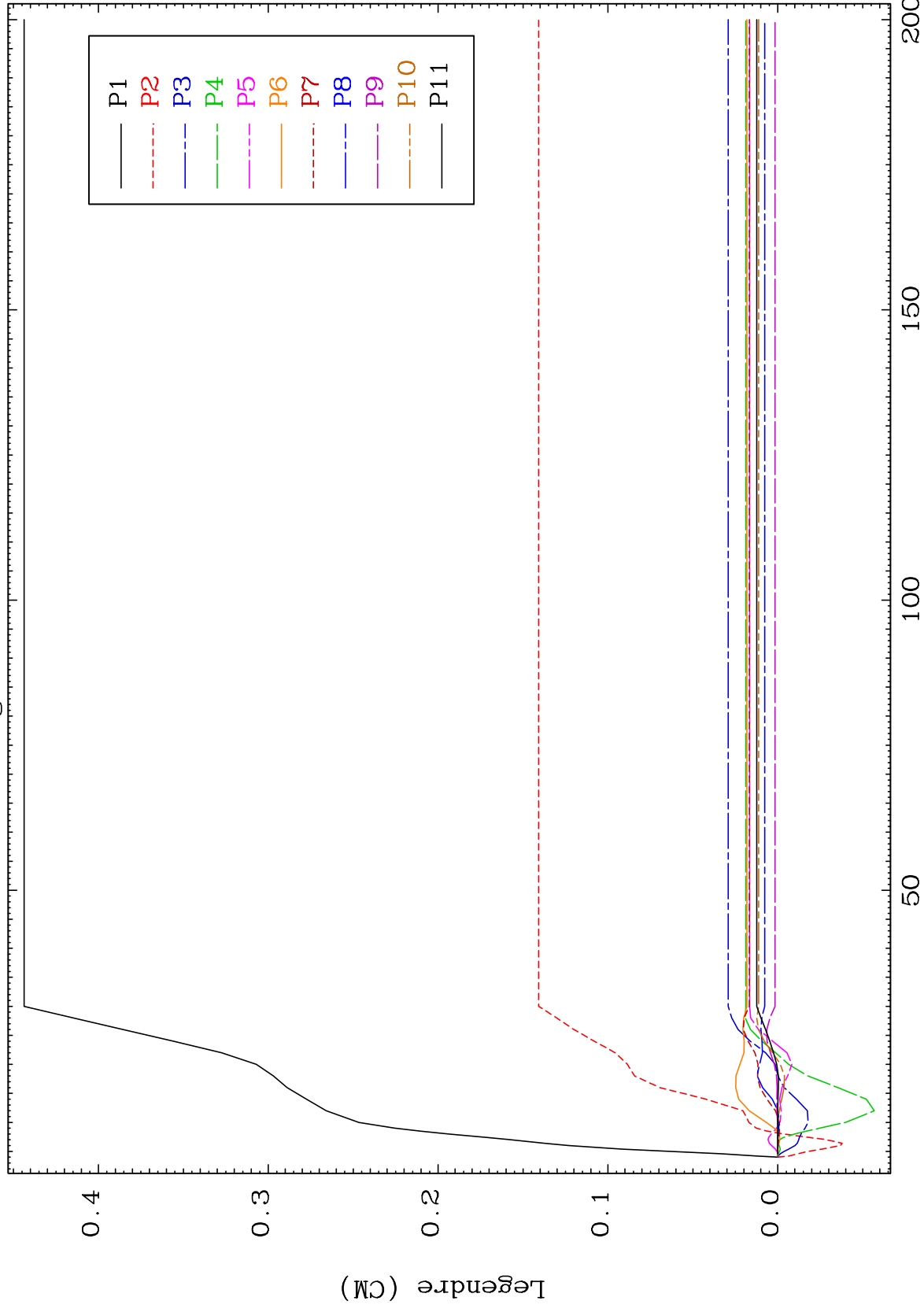




MAT 2943

3.945 MeV (n,n') Level
Legendre Coefficients

29-Cu-69



87

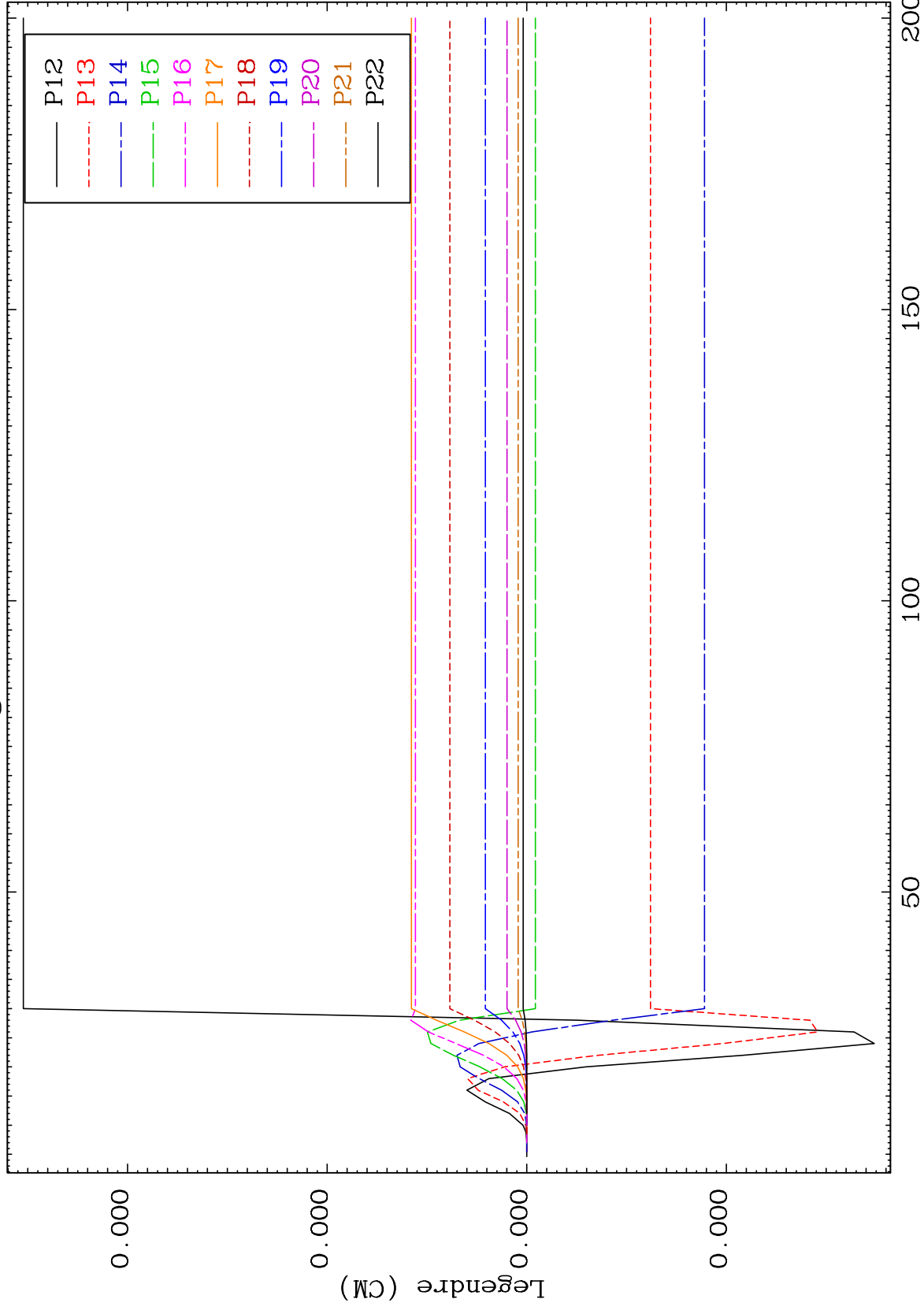
Incident Energy (MeV)

29-Cu-69

MAT 2943

3.945 MeV (n,n') Level
Legendre Coefficients

29-Cu-69



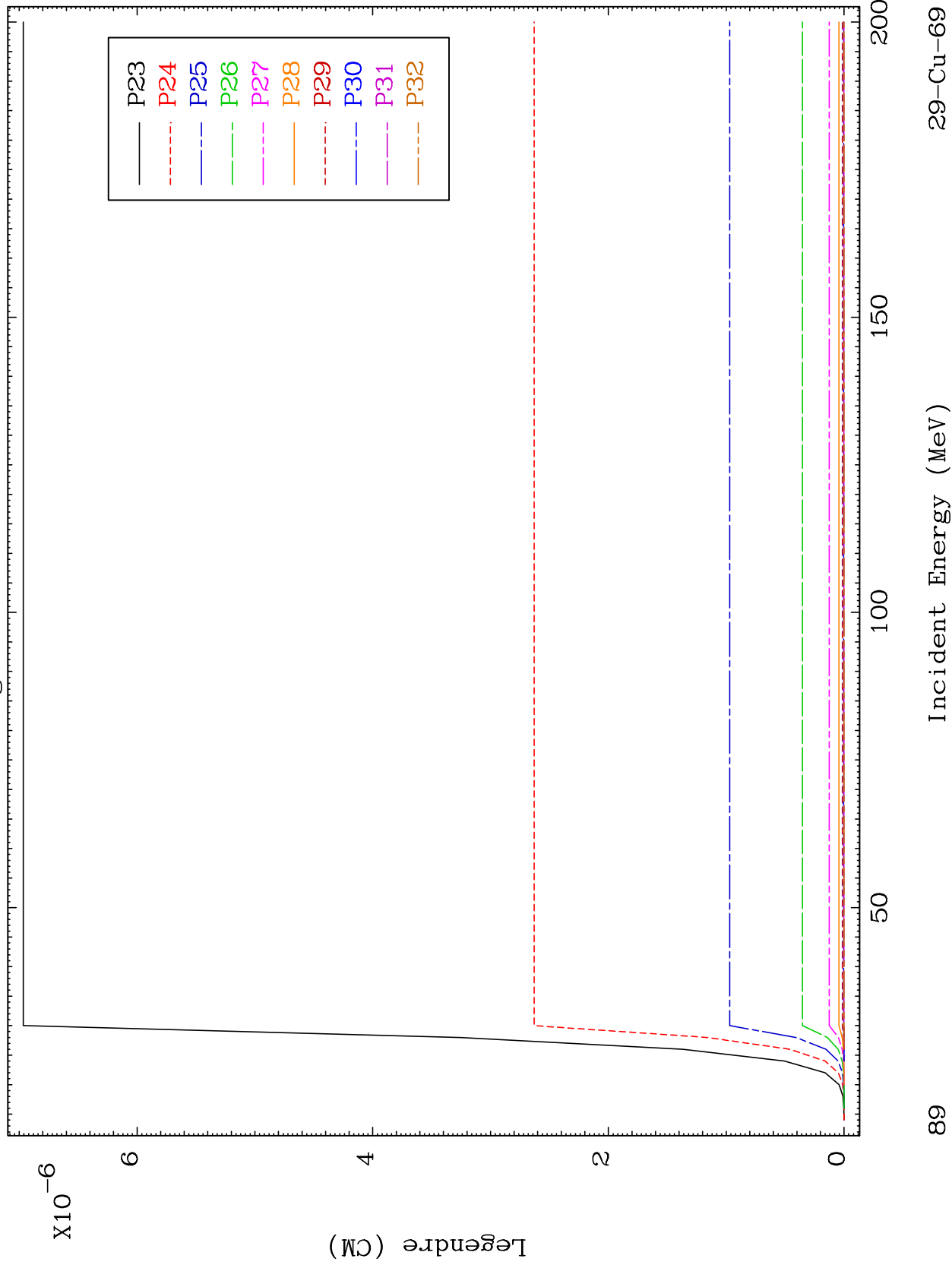
88

29-Cu-69

MAT 2943

3.945 MeV (n,n') Level
Legendre Coefficients

29-Cu-69

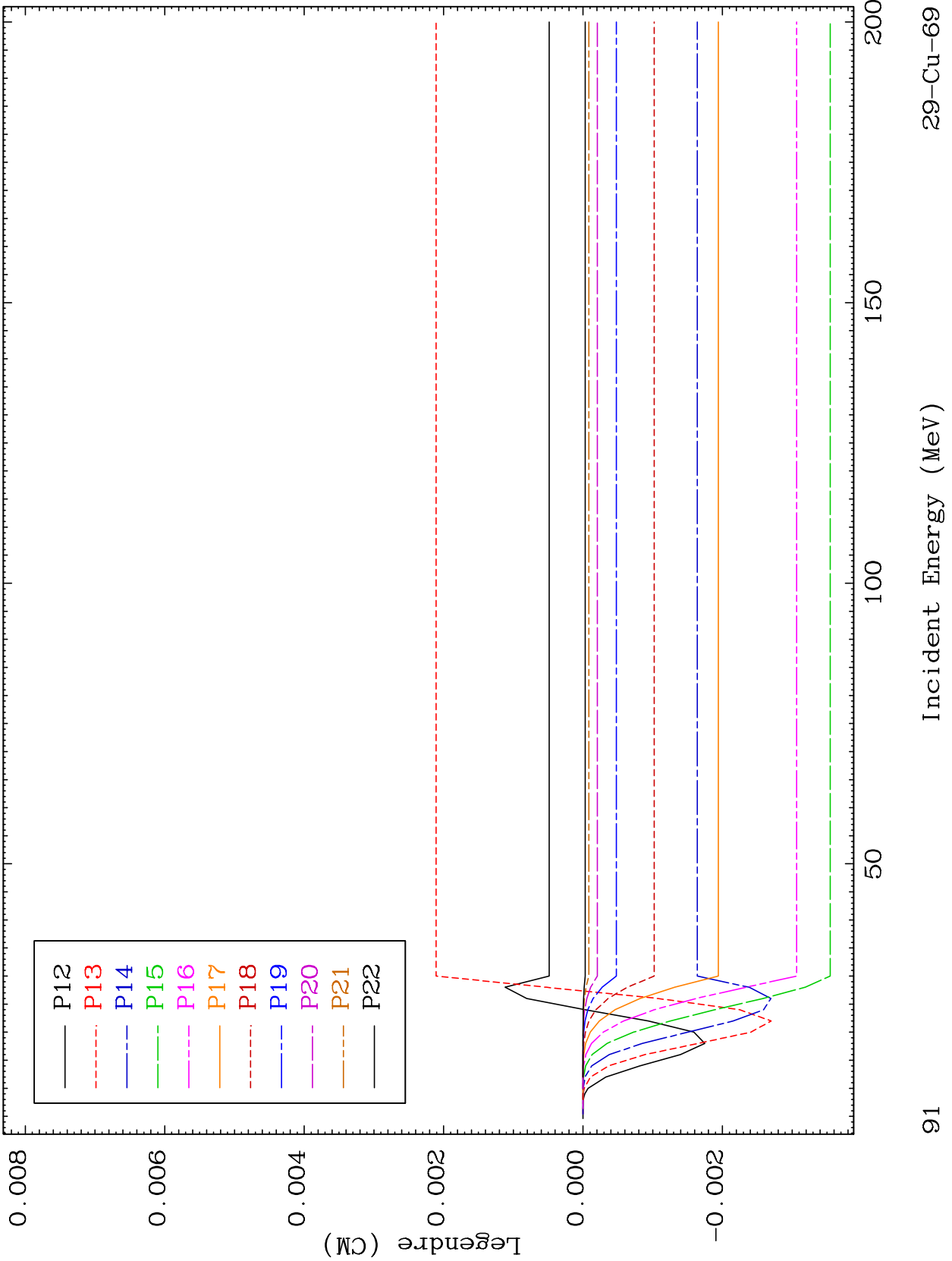


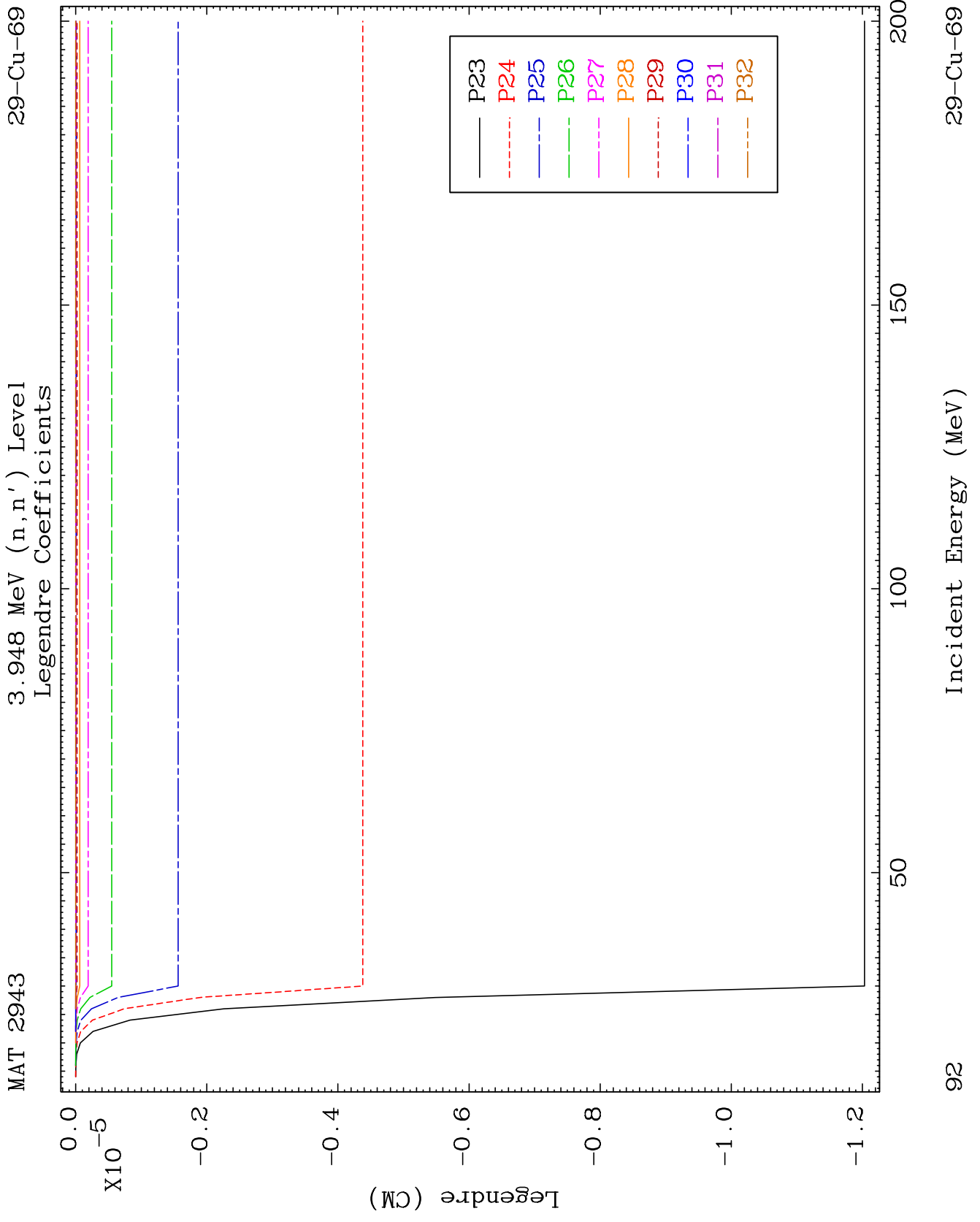
89

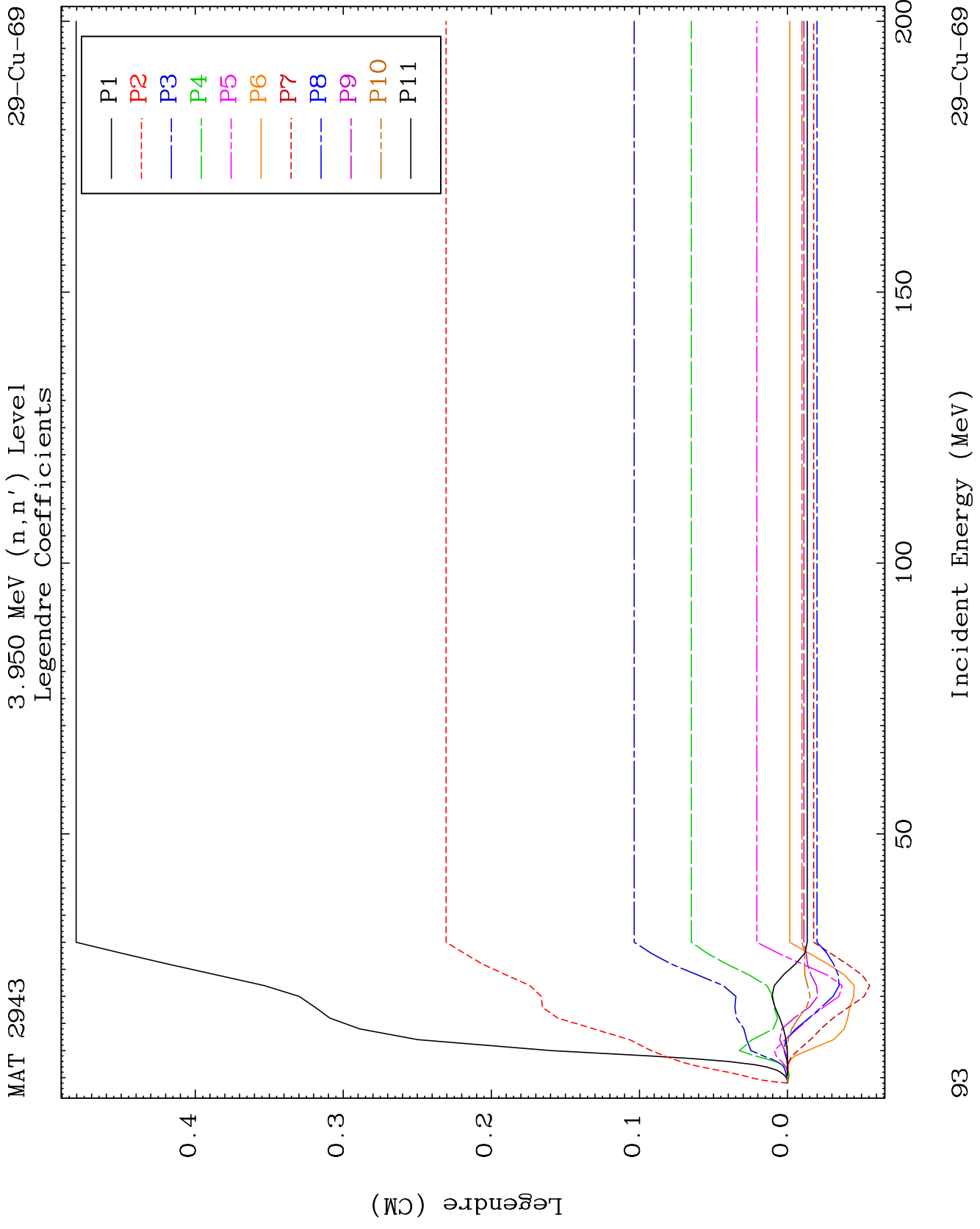
MAT 2943

3.948 MeV (n,n') Level
Legendre Coefficients

29-Cu-69



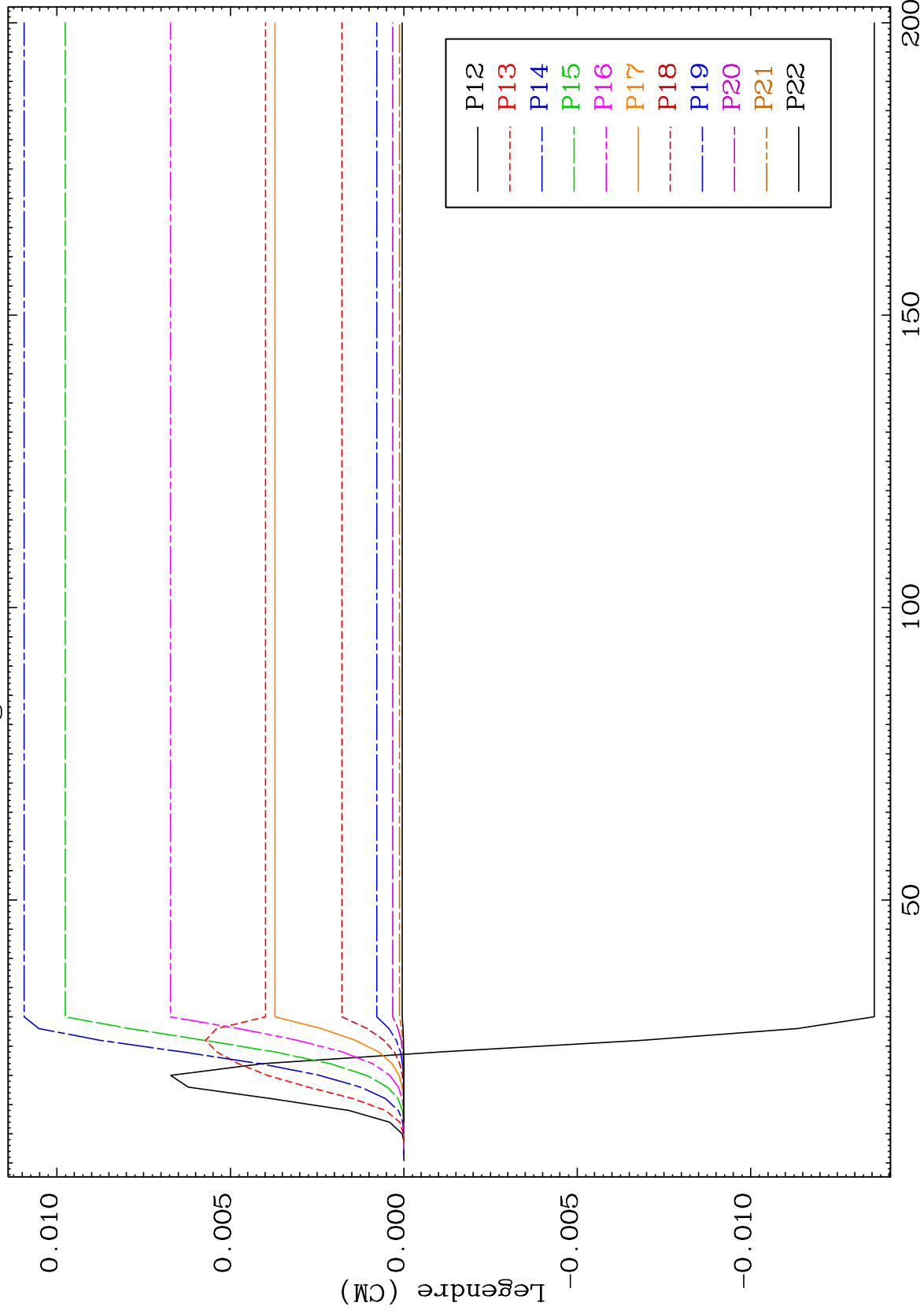




MAT 2943

3.950 MeV (n,n') Level
Legendre Coefficients

29-Cu-69



94

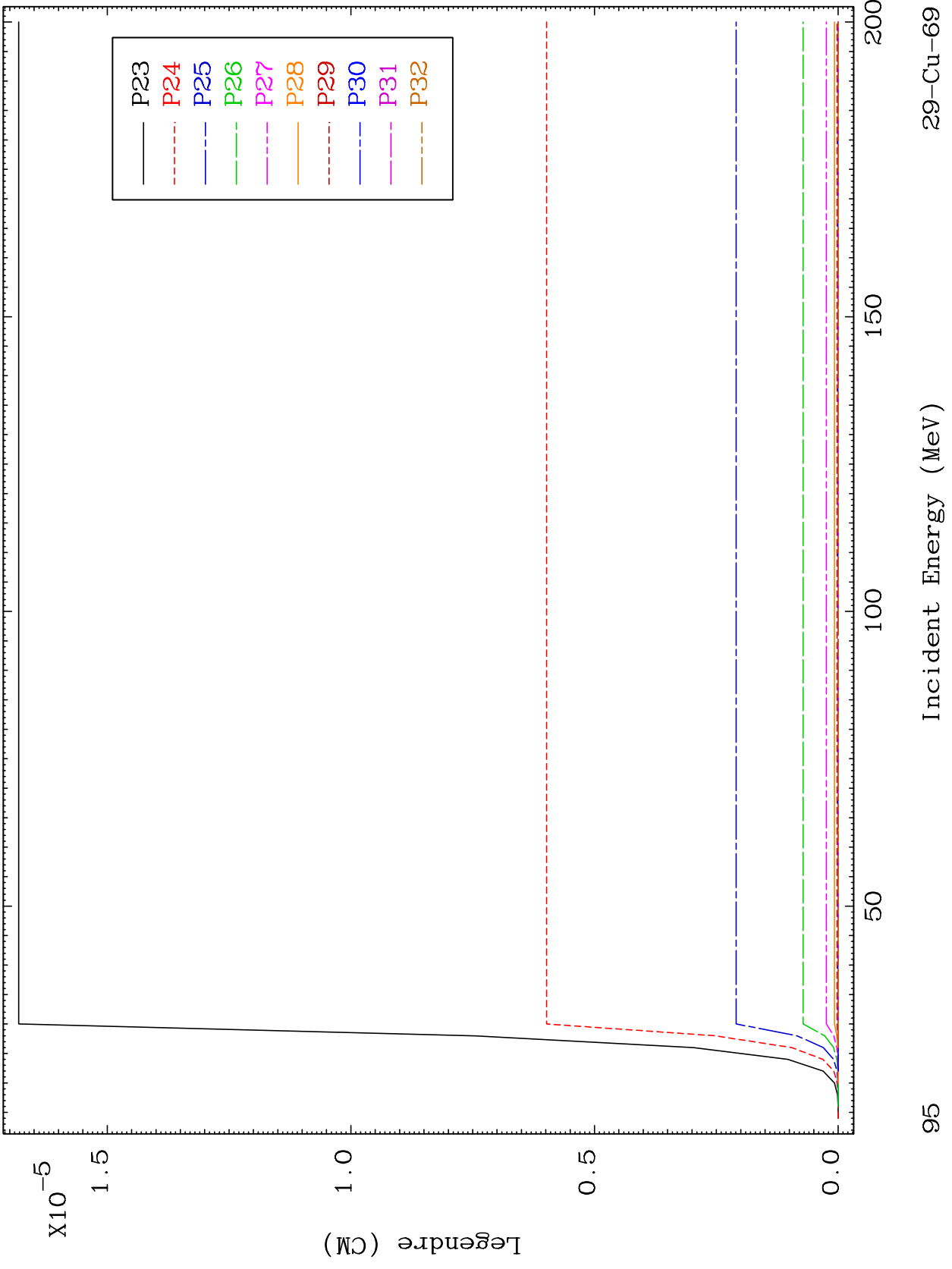
Incident Energy (MeV)

29-Cu-69

MAT 2943

3.950 MeV (n,n') Level
Legendre Coefficients

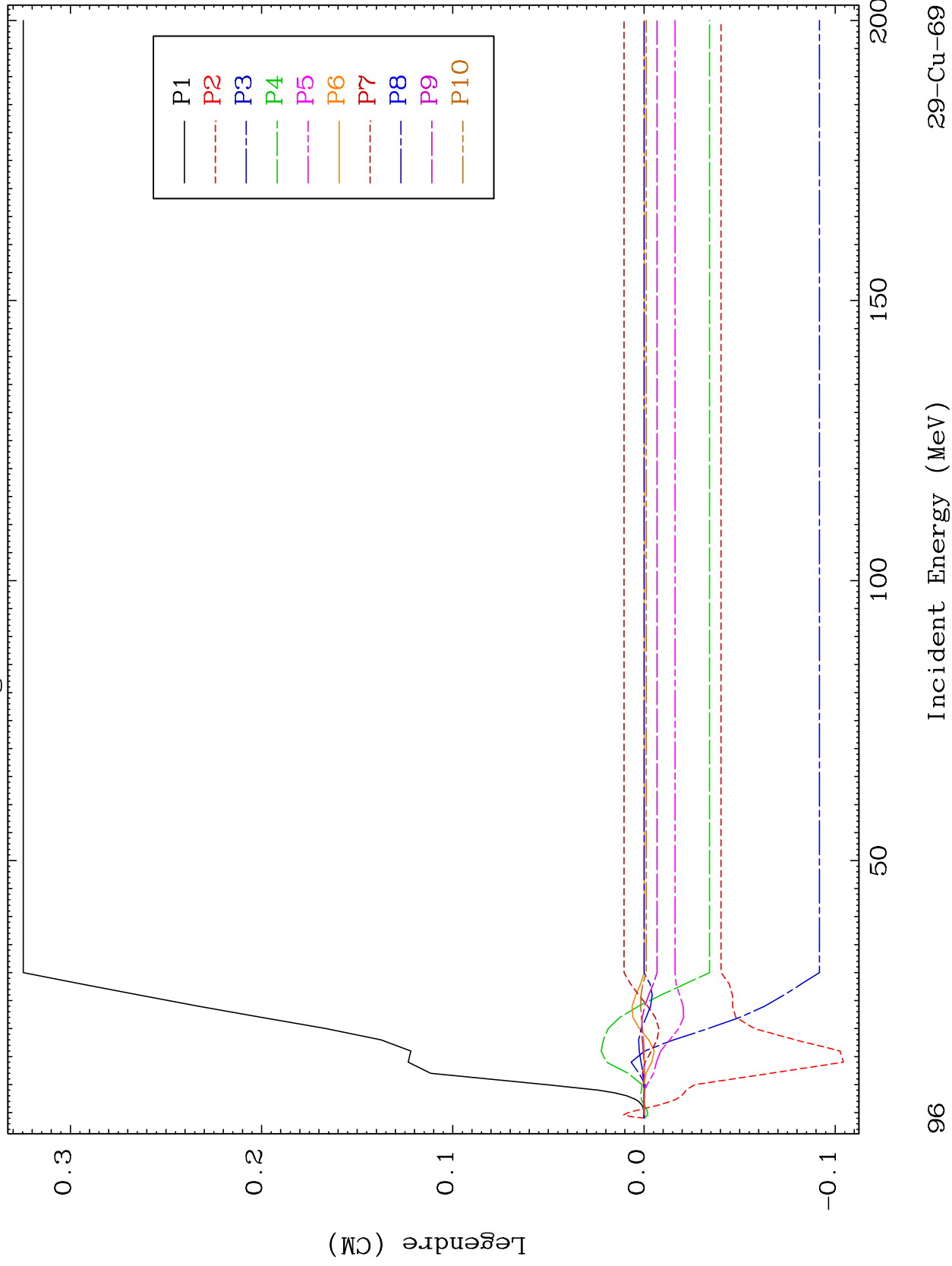
29-Cu-69



MAT 2943

3.954 MeV (n,n') Level
Legendre Coefficients

29-Cu-69



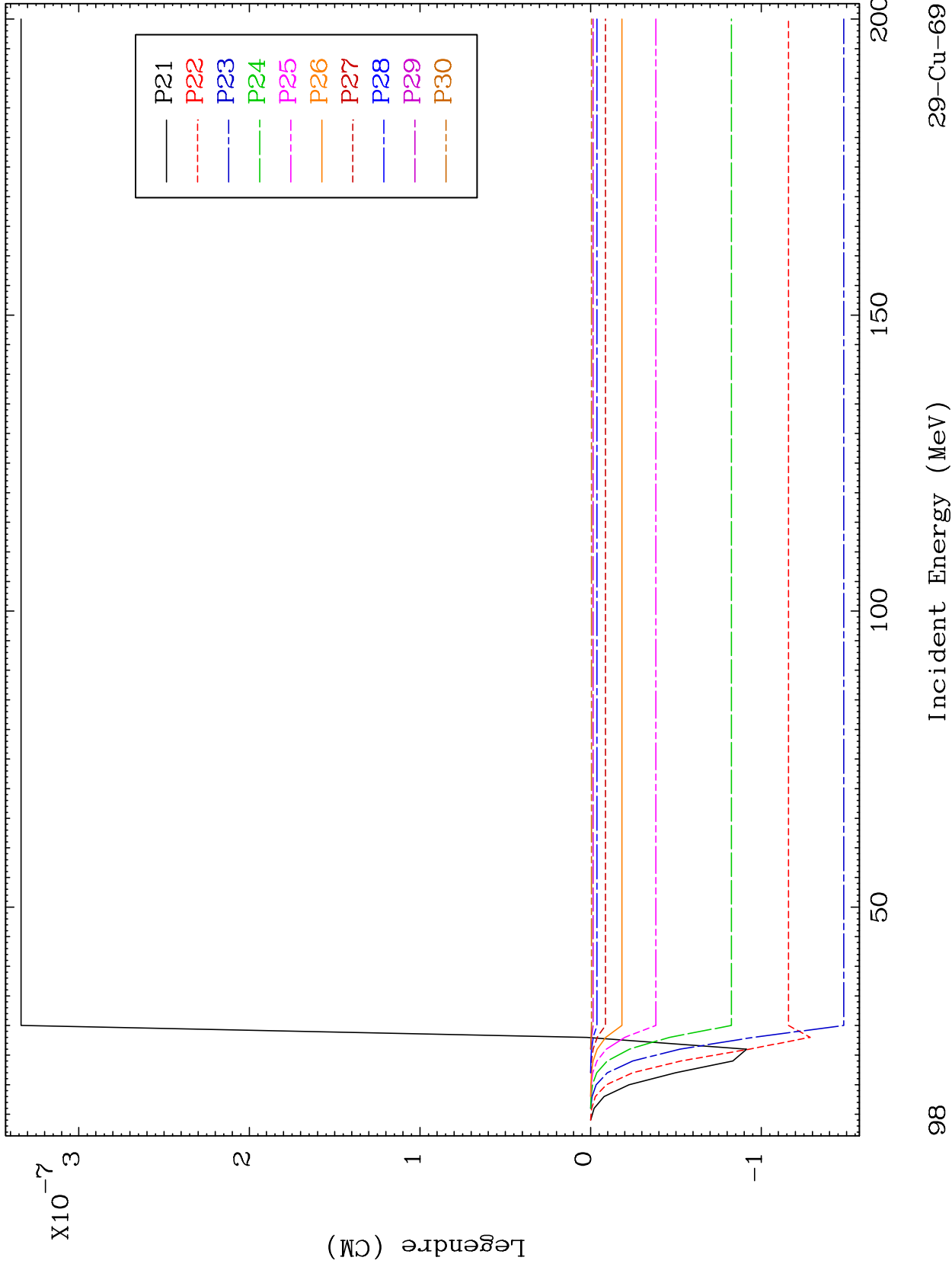
96

29-Cu-69

MAT 2943

3.954 MeV (n,n') Level
Legendre Coefficients

29-Cu-69



98

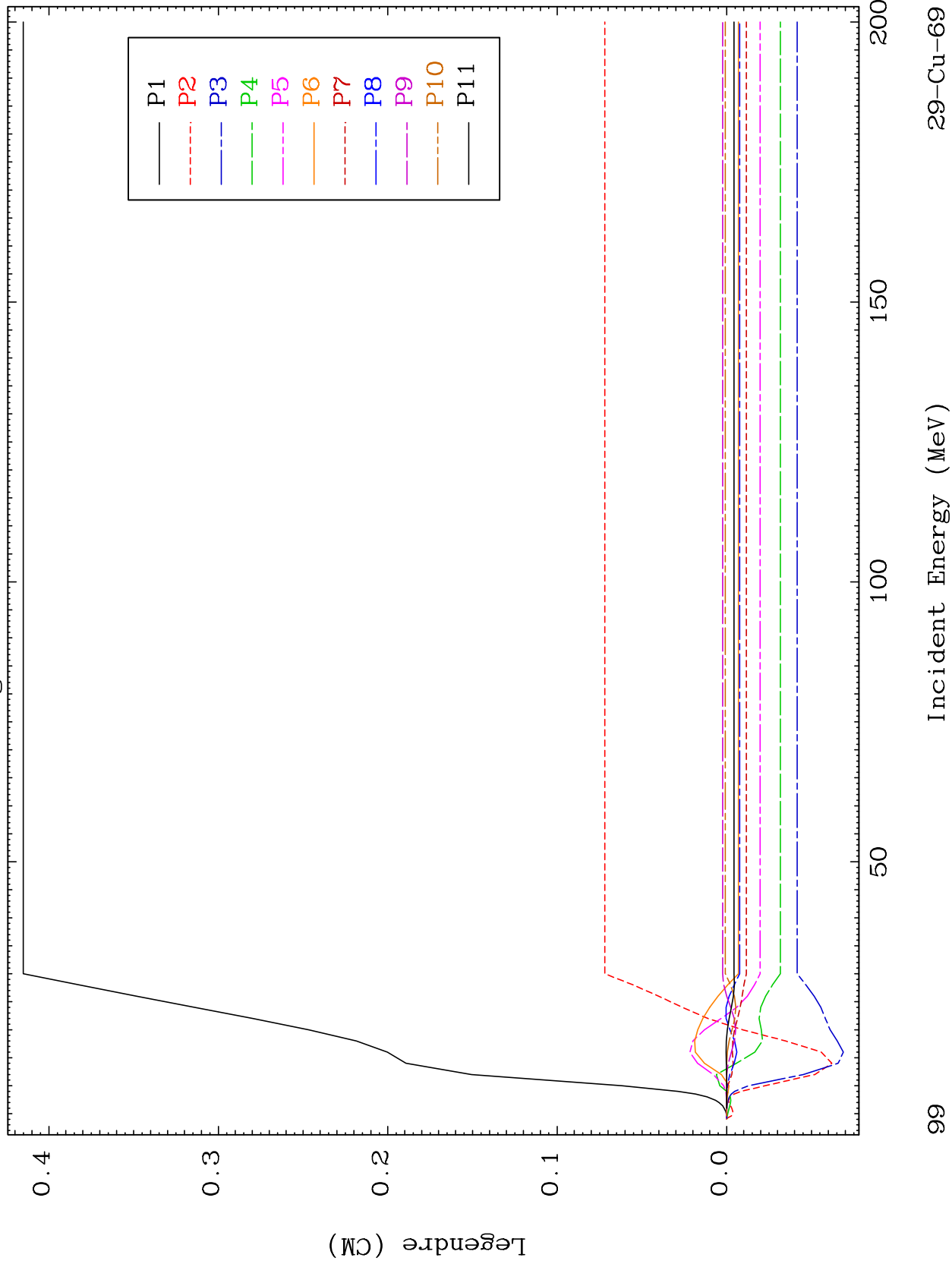
Incident Energy (MeV)

29-Cu-69

MAT 2943

3.961 MeV (n,n') Level
Legendre Coefficients

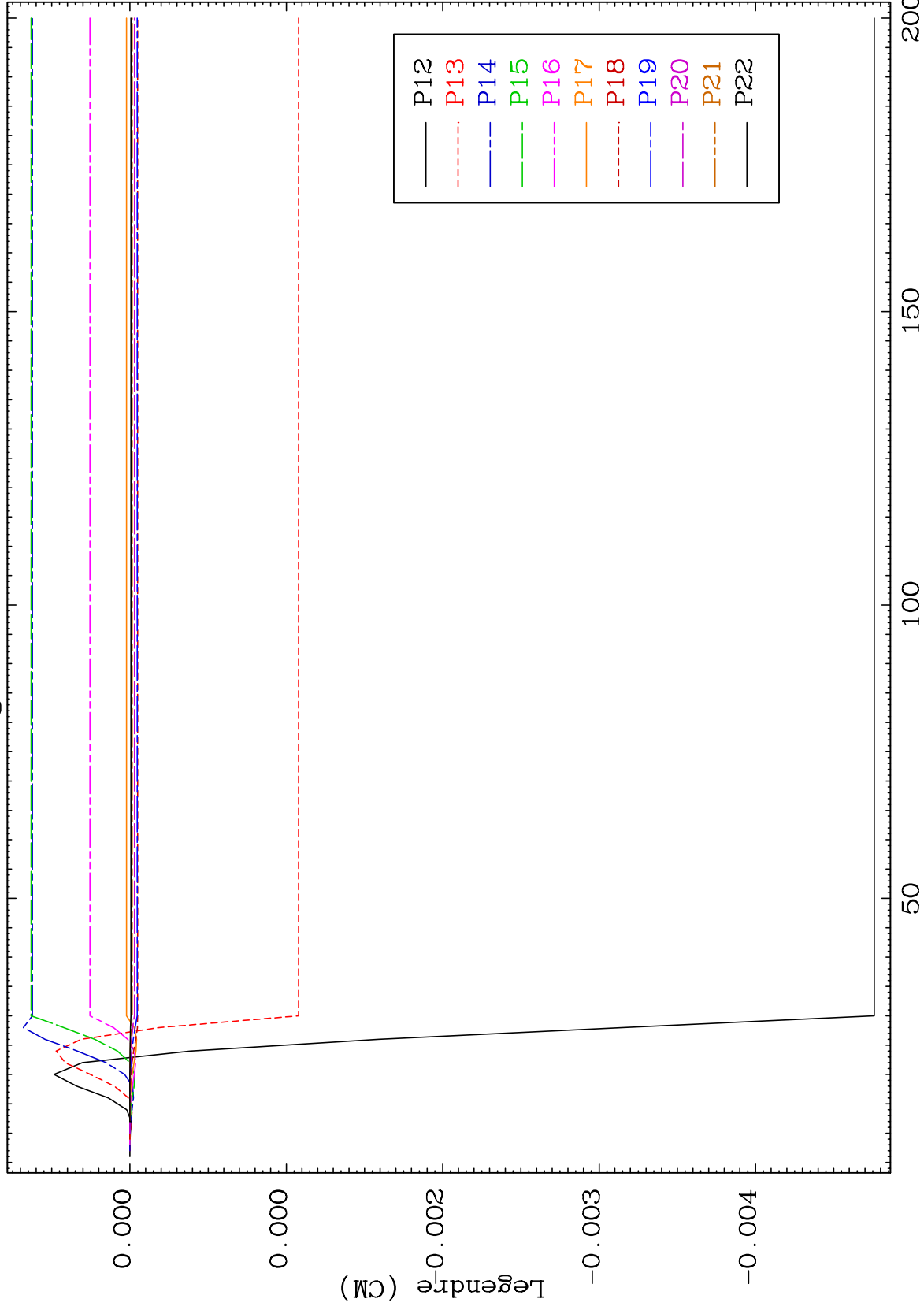
29-Cu-69



MAT 2943

3.961 MeV (n,n') Level
Legendre Coefficients

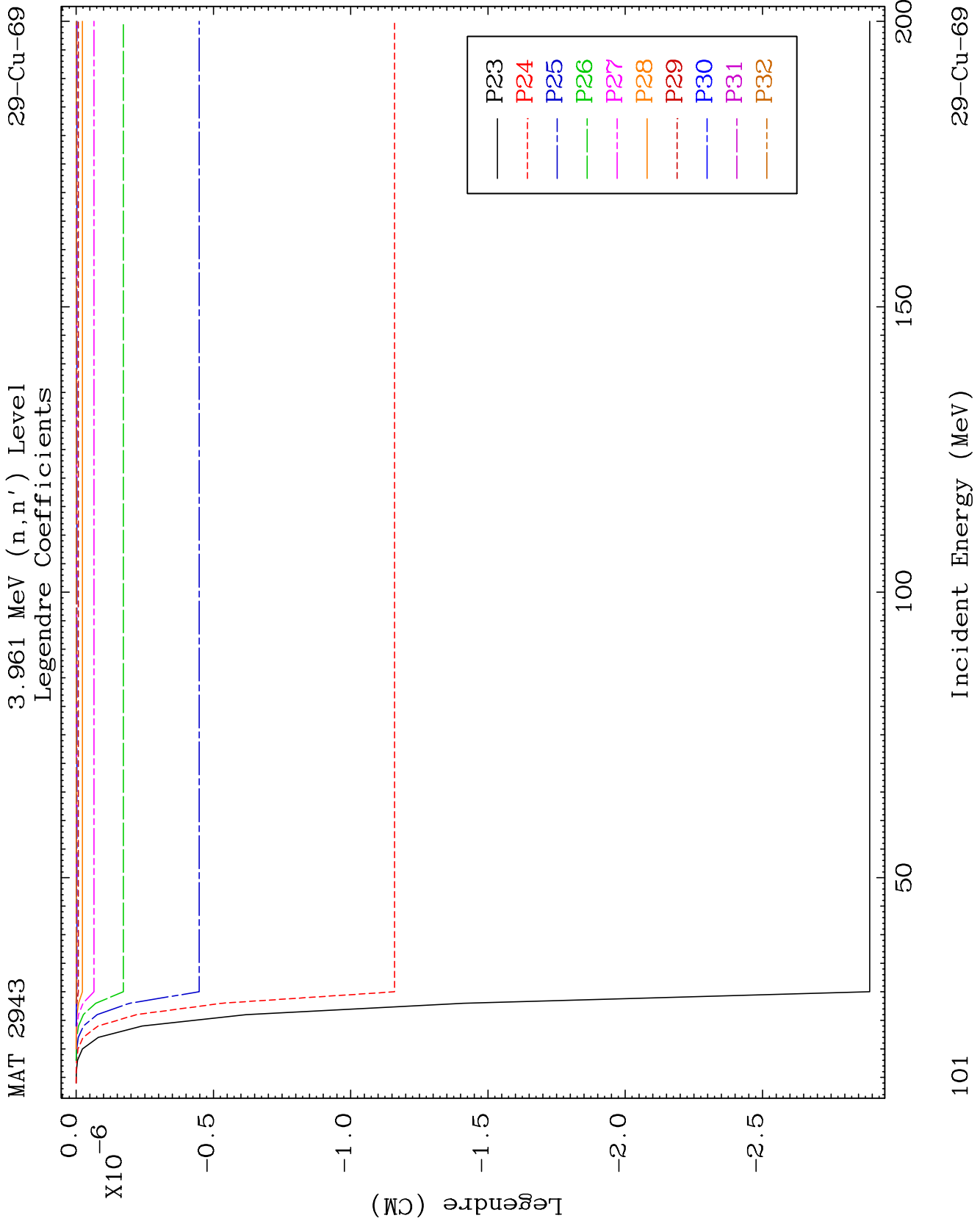
29-Cu-69



100

Incident Energy (MeV)

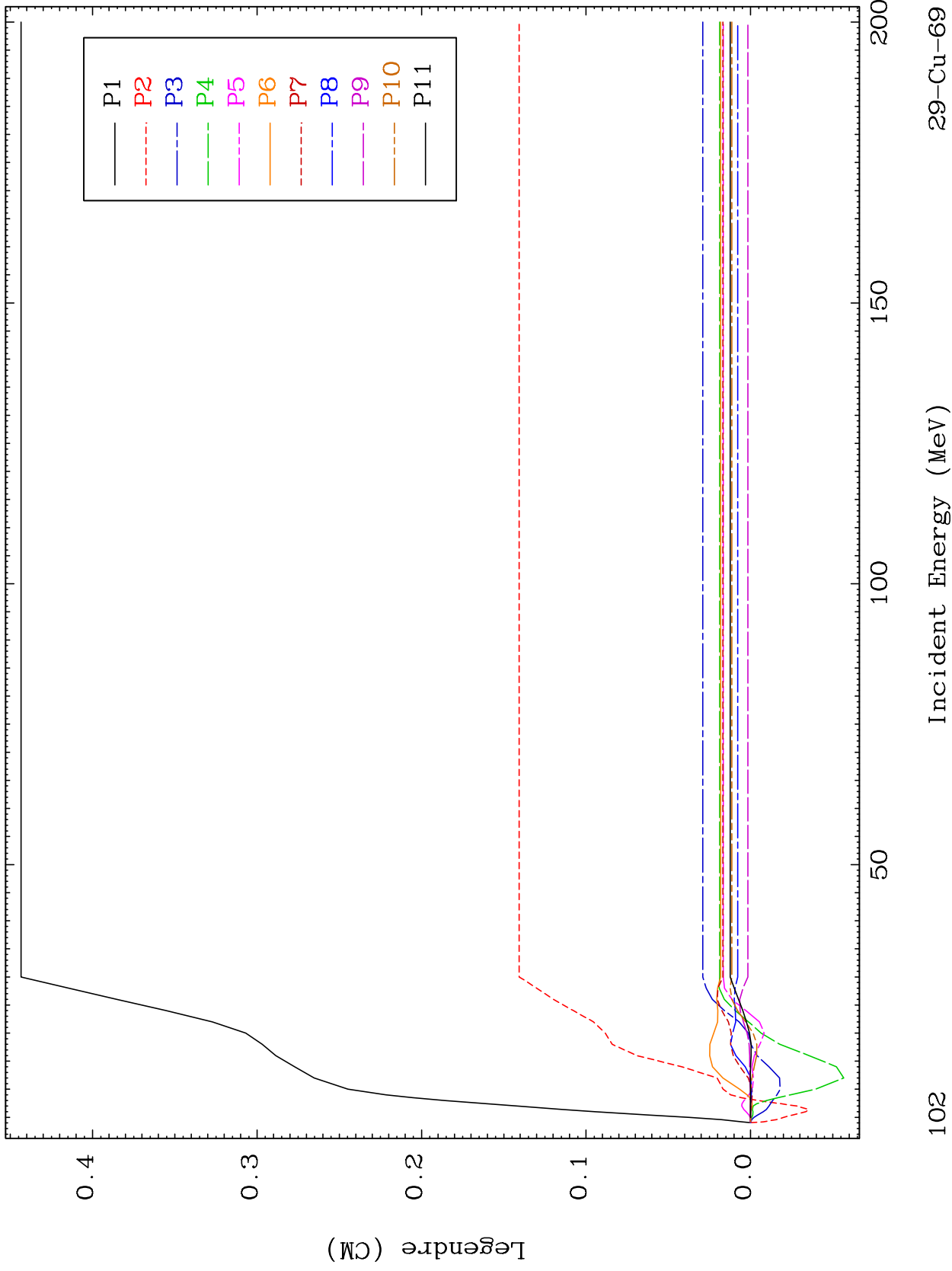
29-Cu-69



MAT 2943

3.980 MeV (n,n') Level
Legendre Coefficients

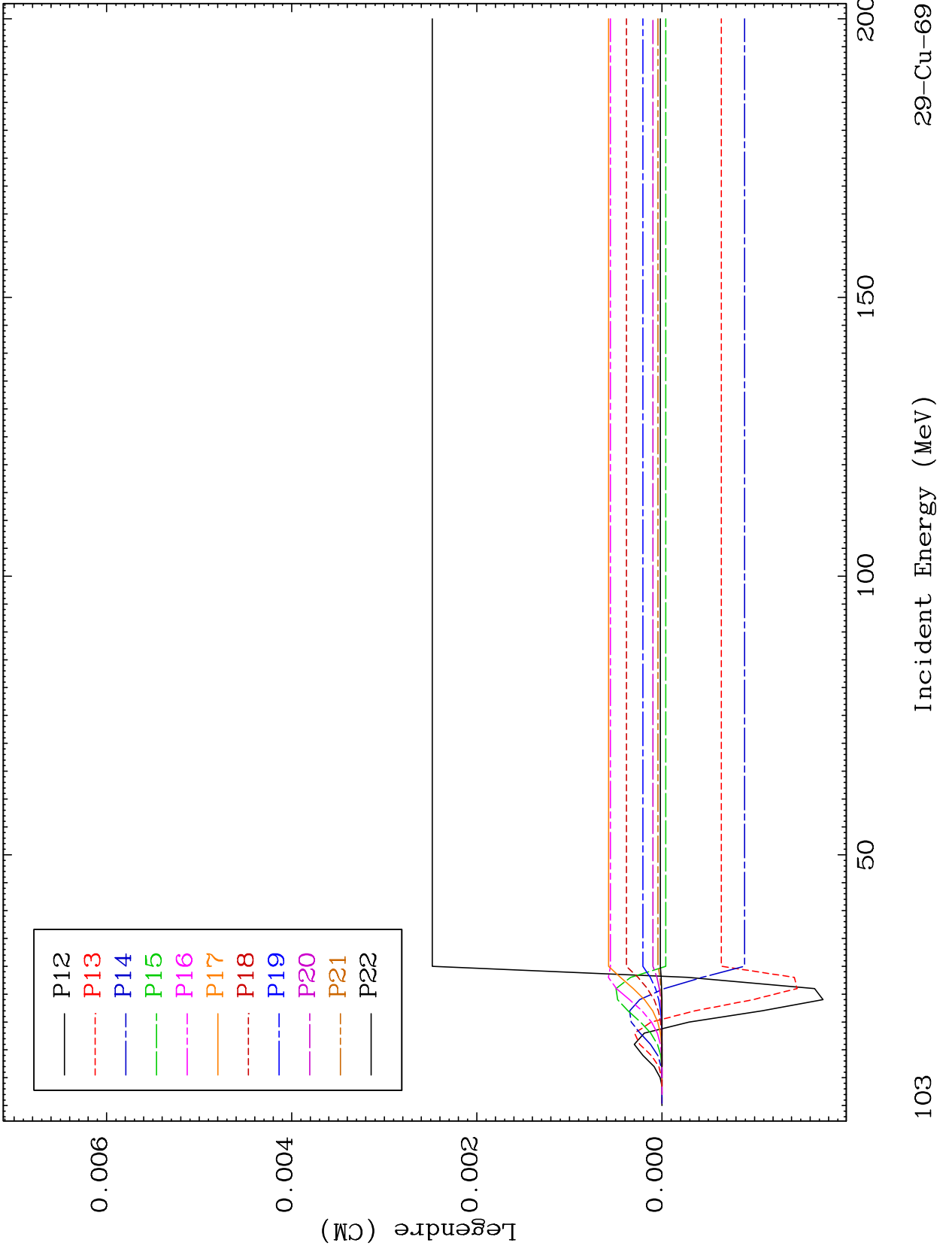
29-Cu-69



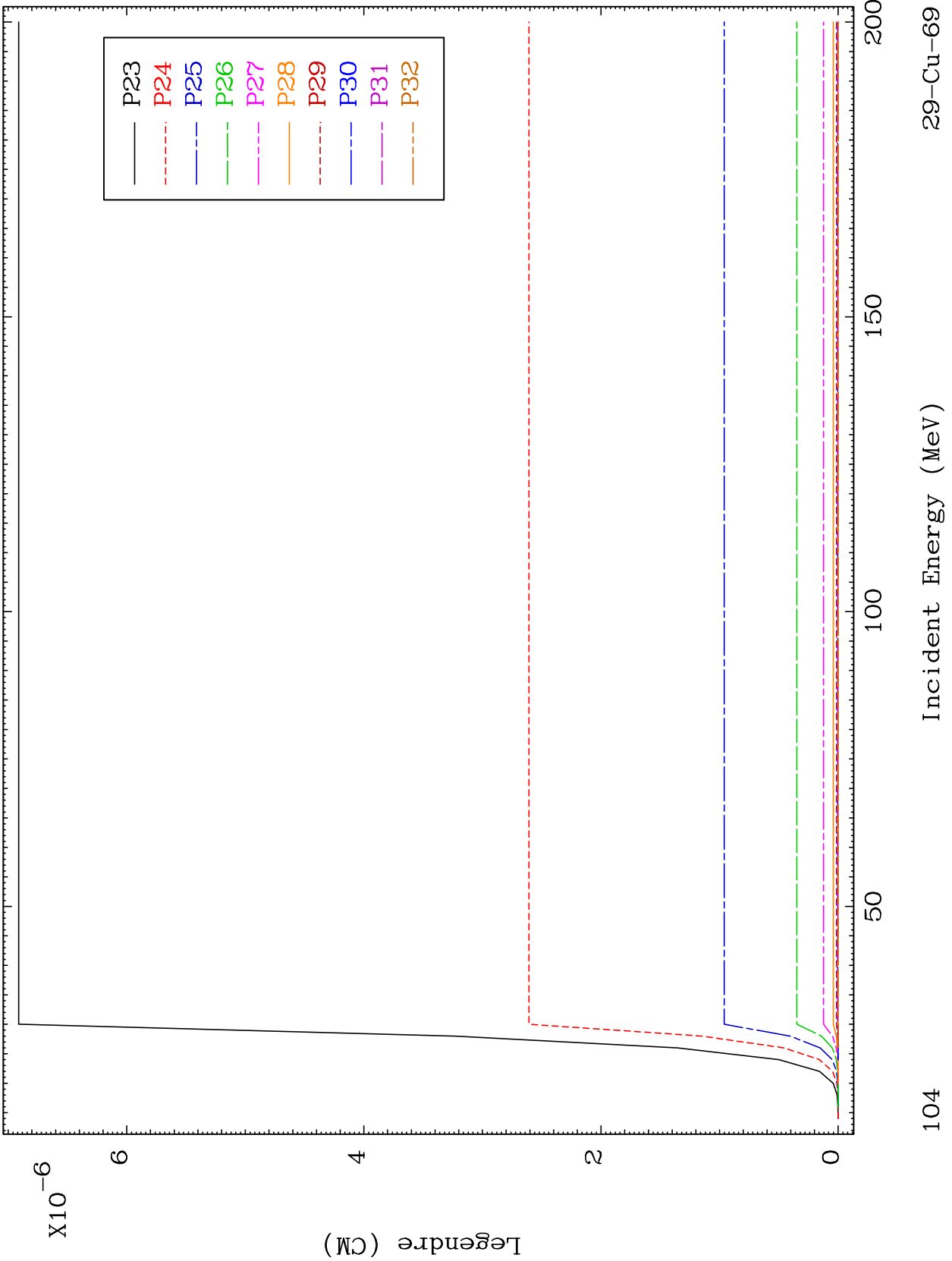
102

Incident Energy (MeV)

29-Cu-69



MAT 2943 3.980 MeV (n,n') Level Legendre Coefficients 29-Cu-69

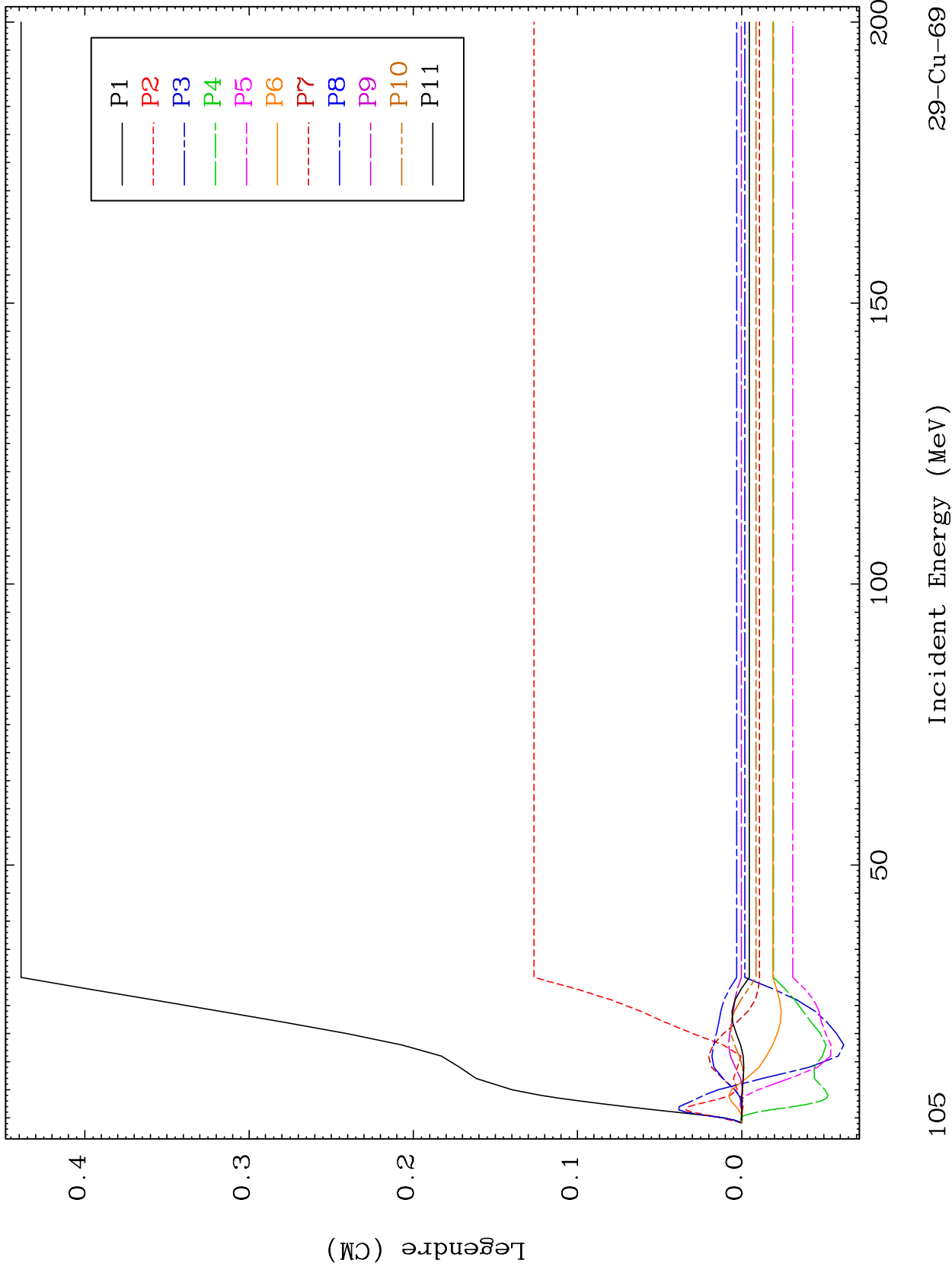


104 50 100 150 200 29-Cu-69

MAT 2943

3.991 MeV (n,n') Level
Legendre Coefficients

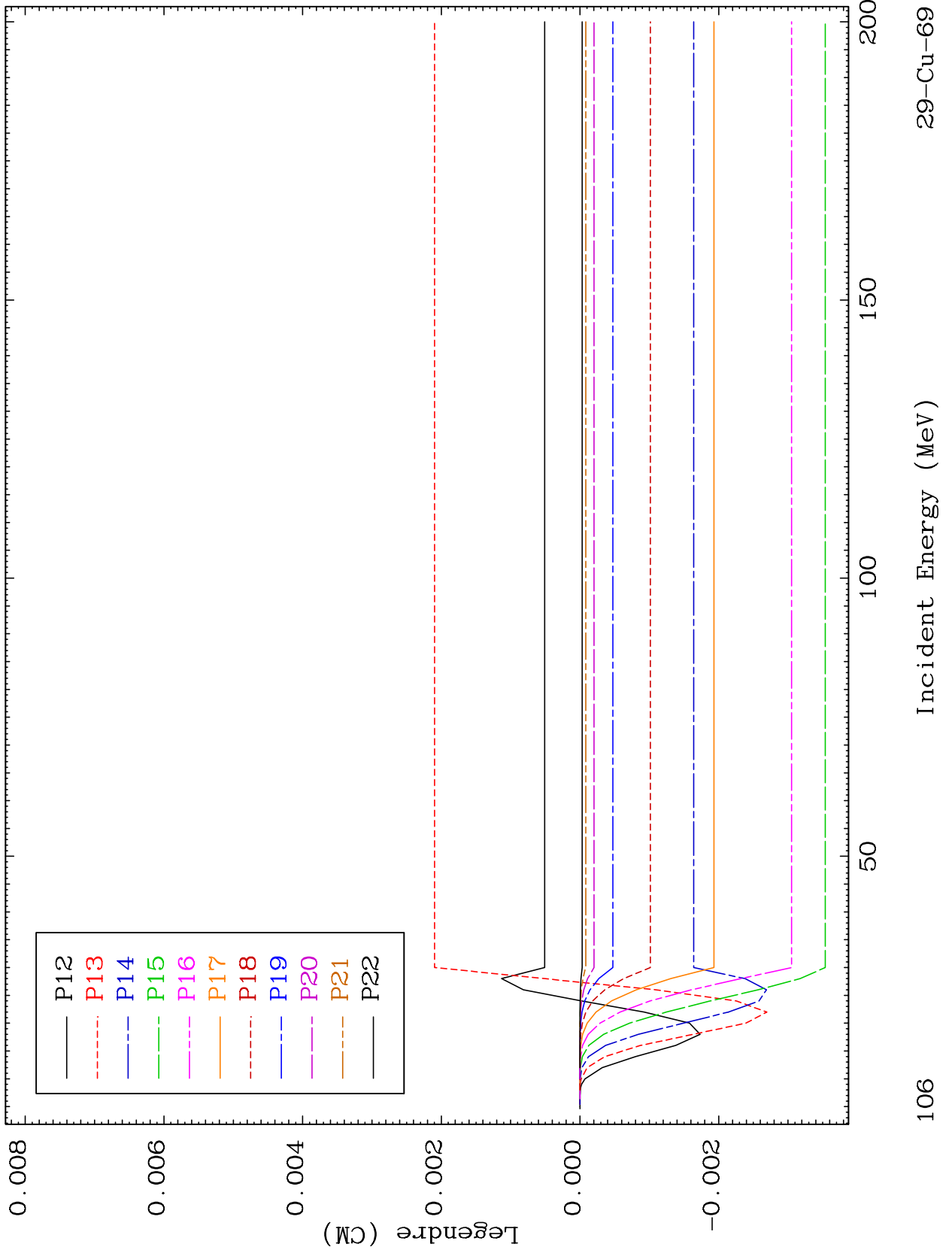
29-Cu-69

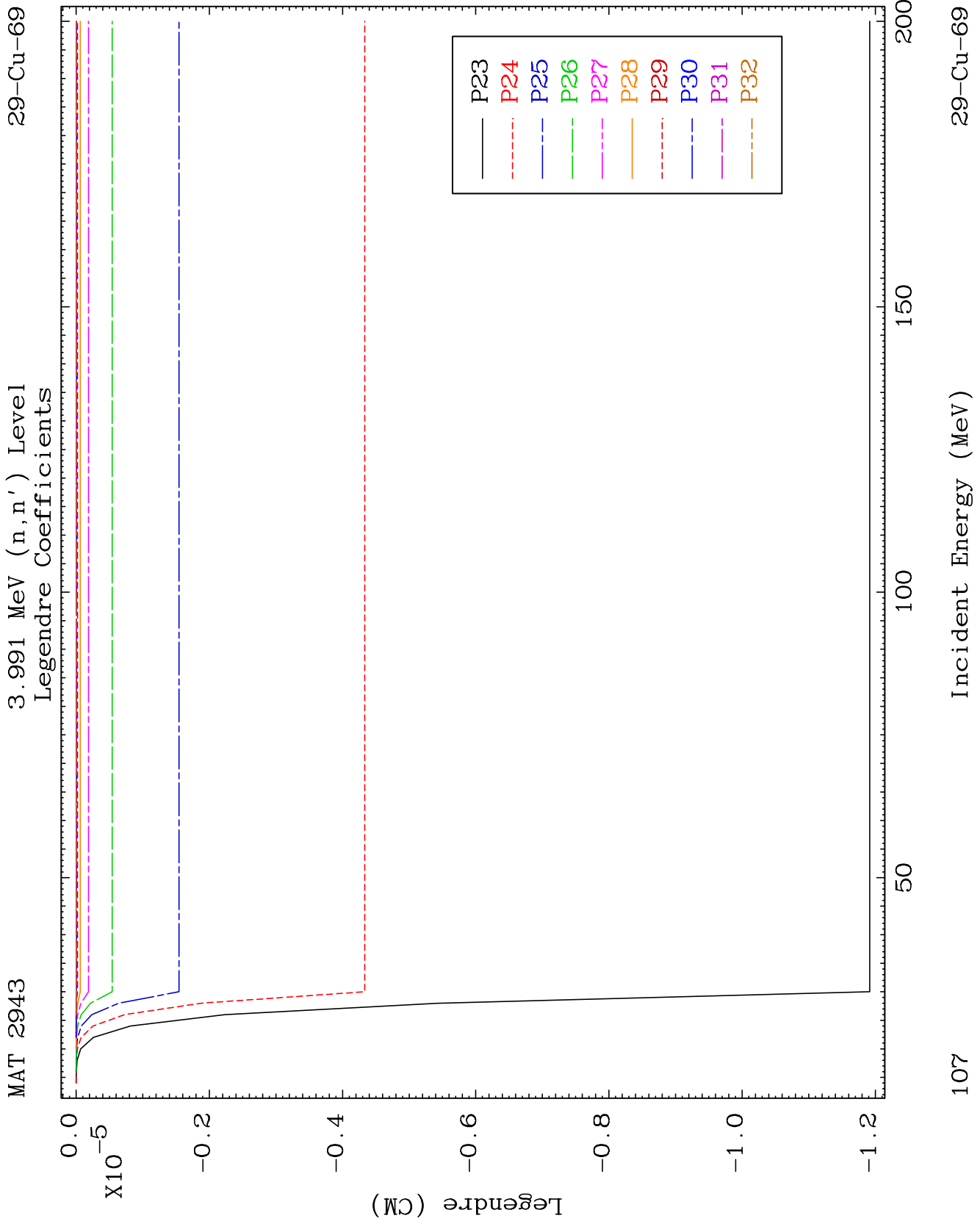


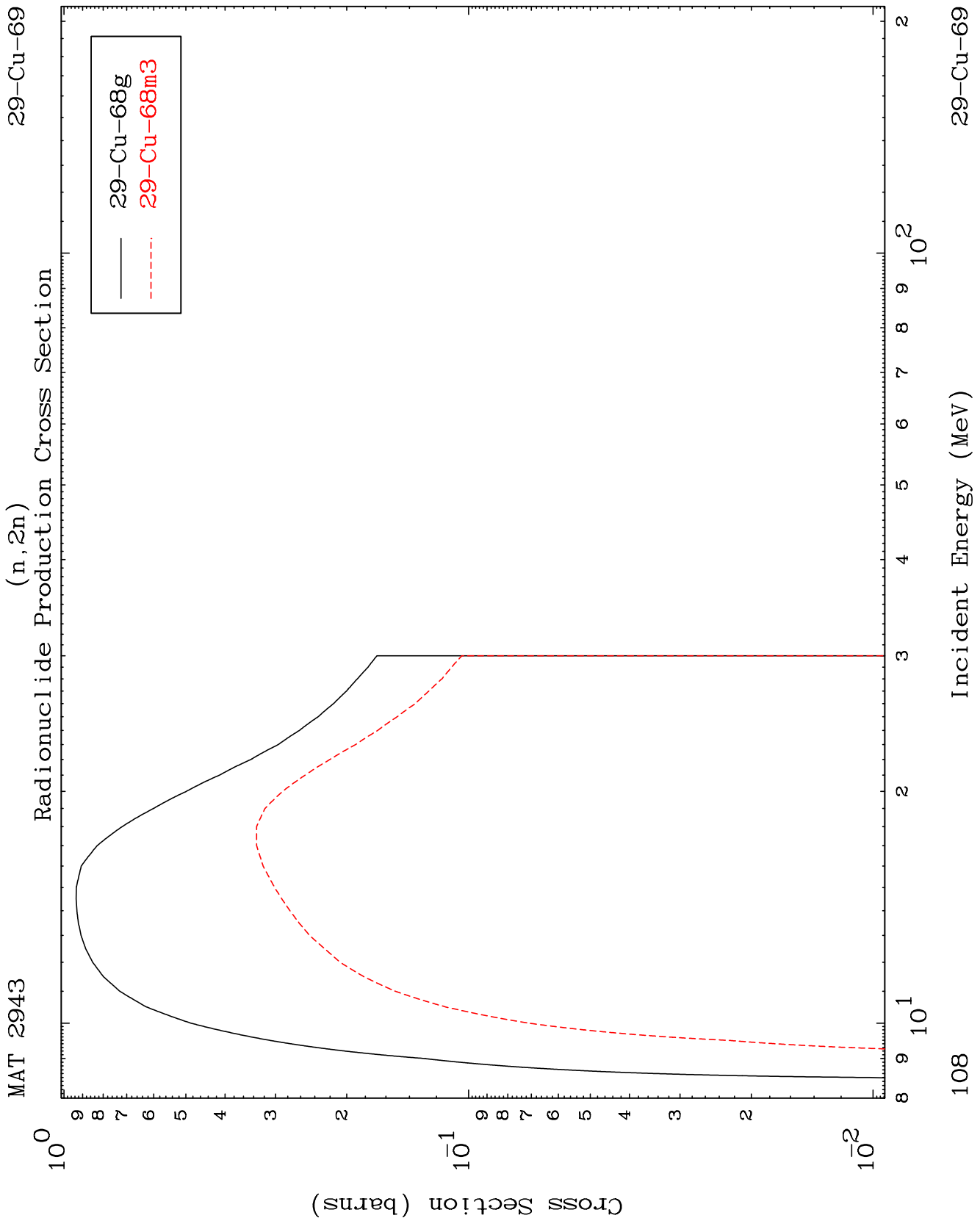
105

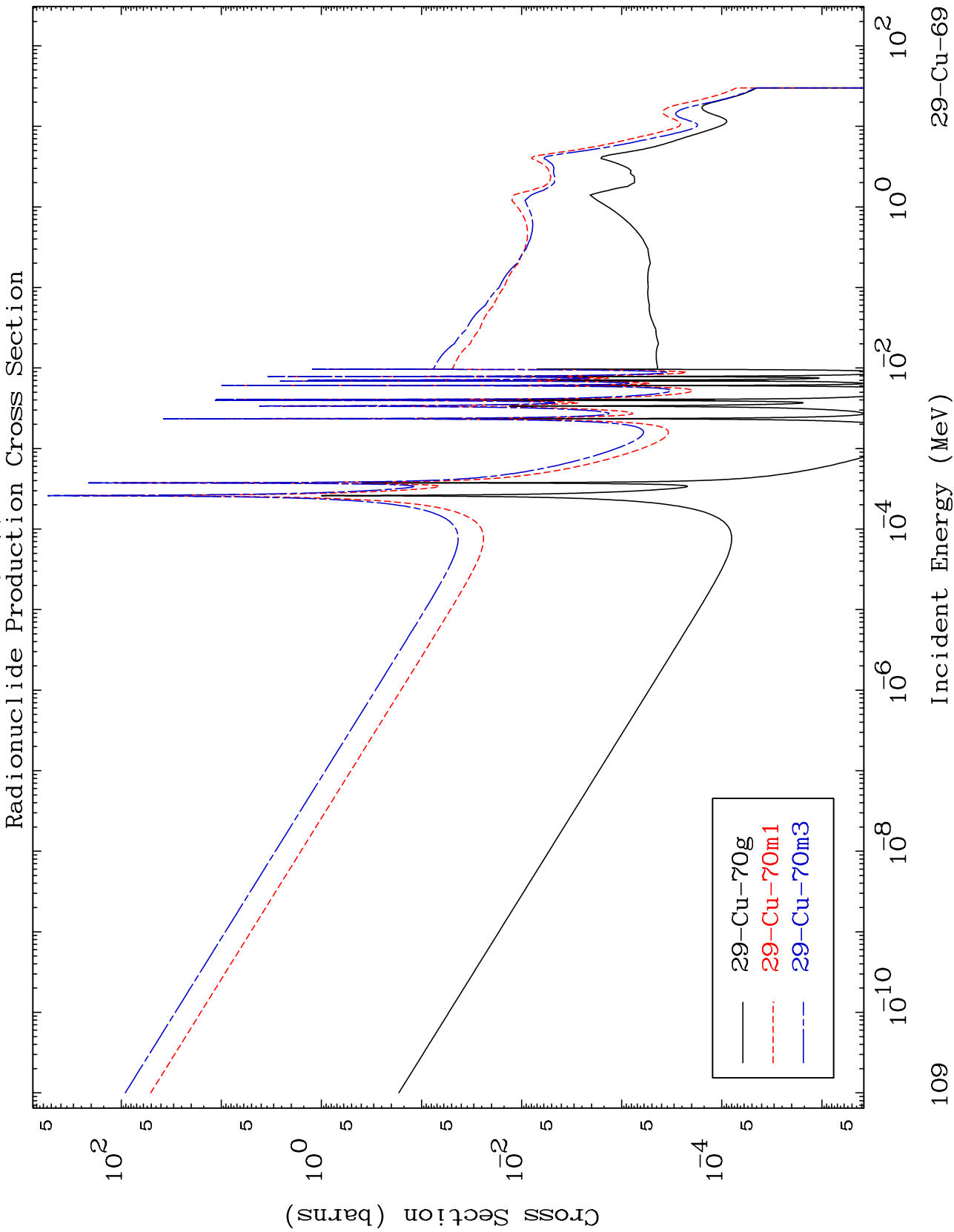
Incident Energy (MeV)

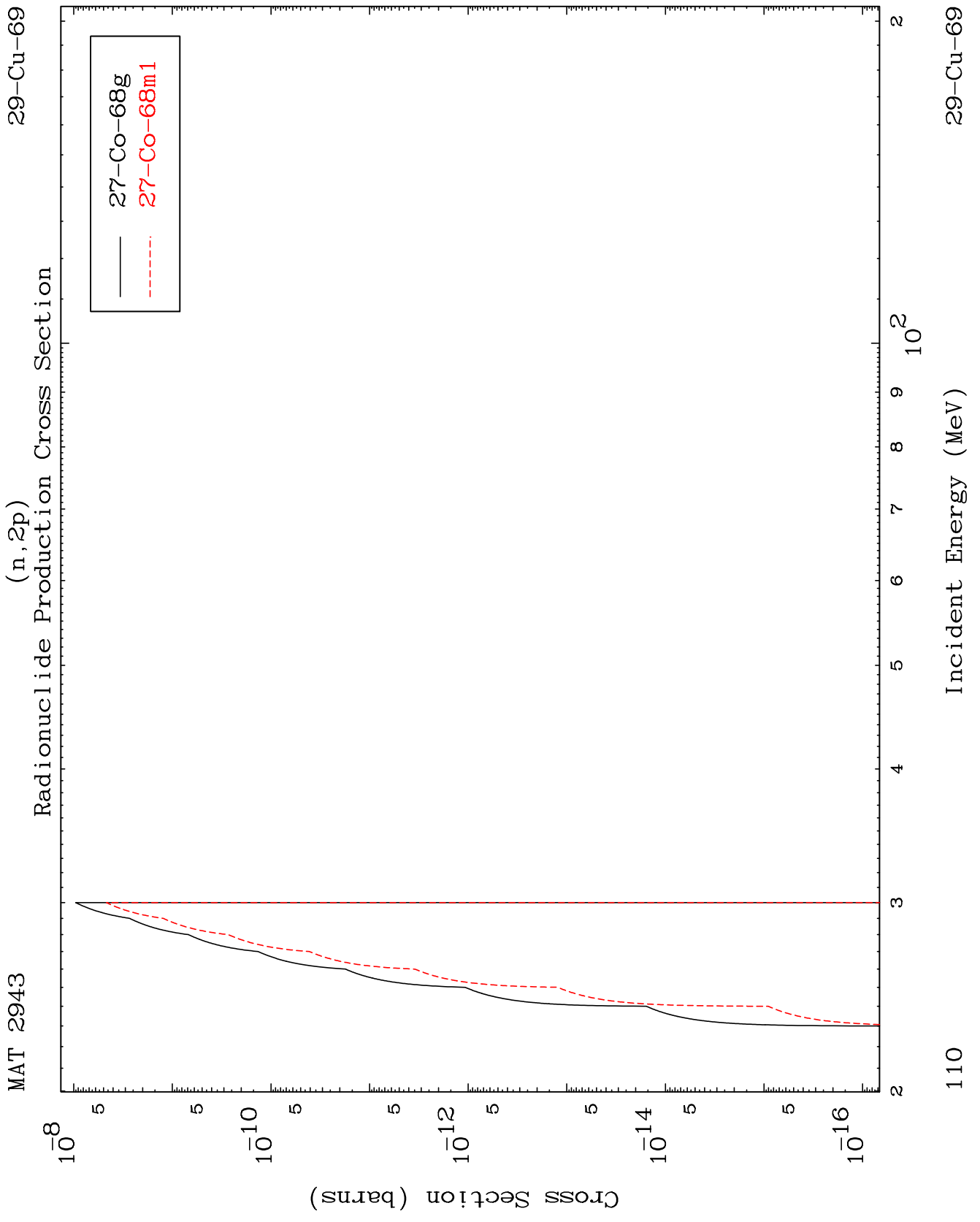
29-Cu-69









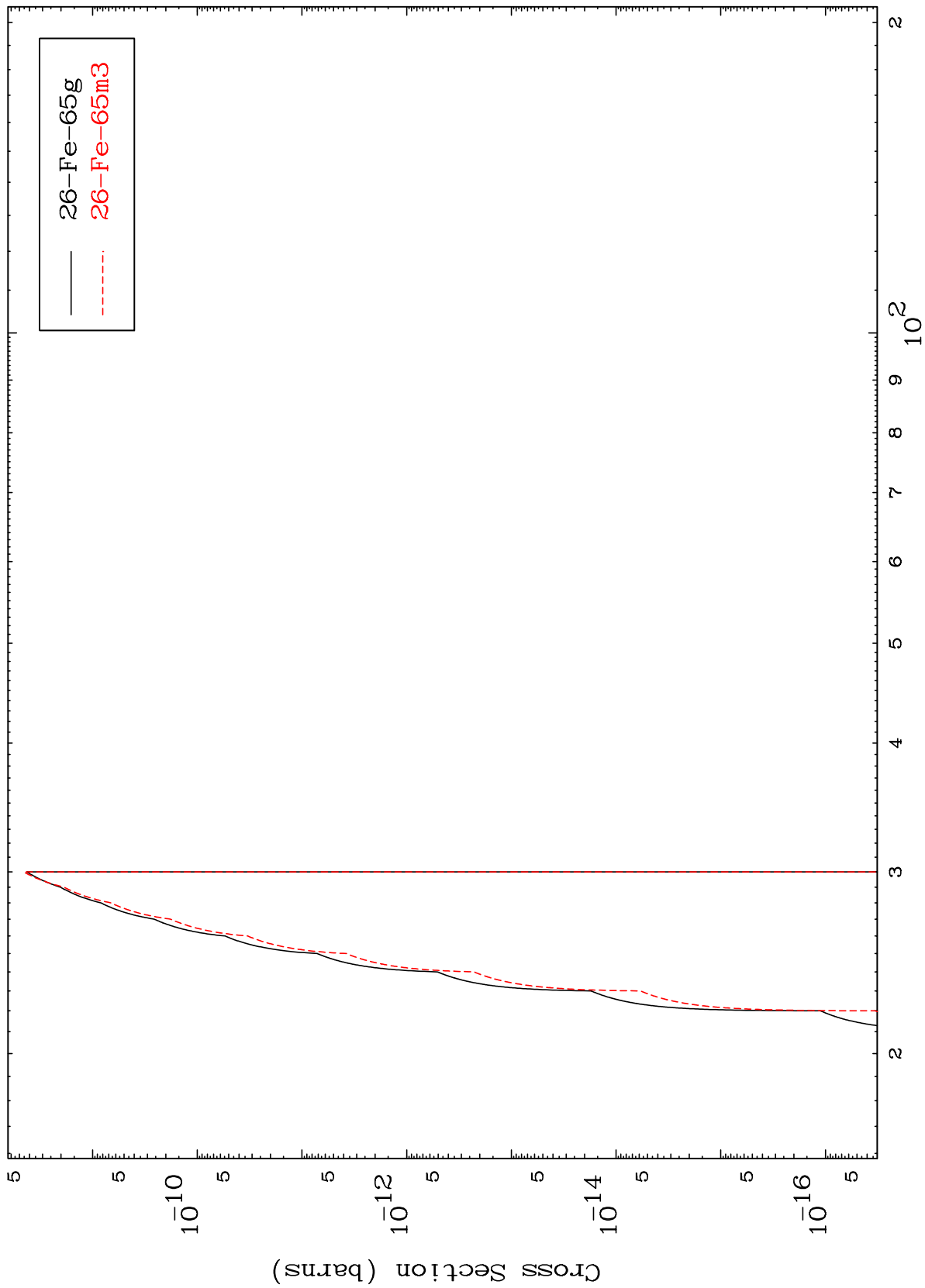


MAT 2943

(n,p) α

29-Cu-69

Radionuclide Production Cross Section



111

Incident Energy (MeV)

29-Cu-69