

Program EVALPLOT
(Version 2015-2)

by

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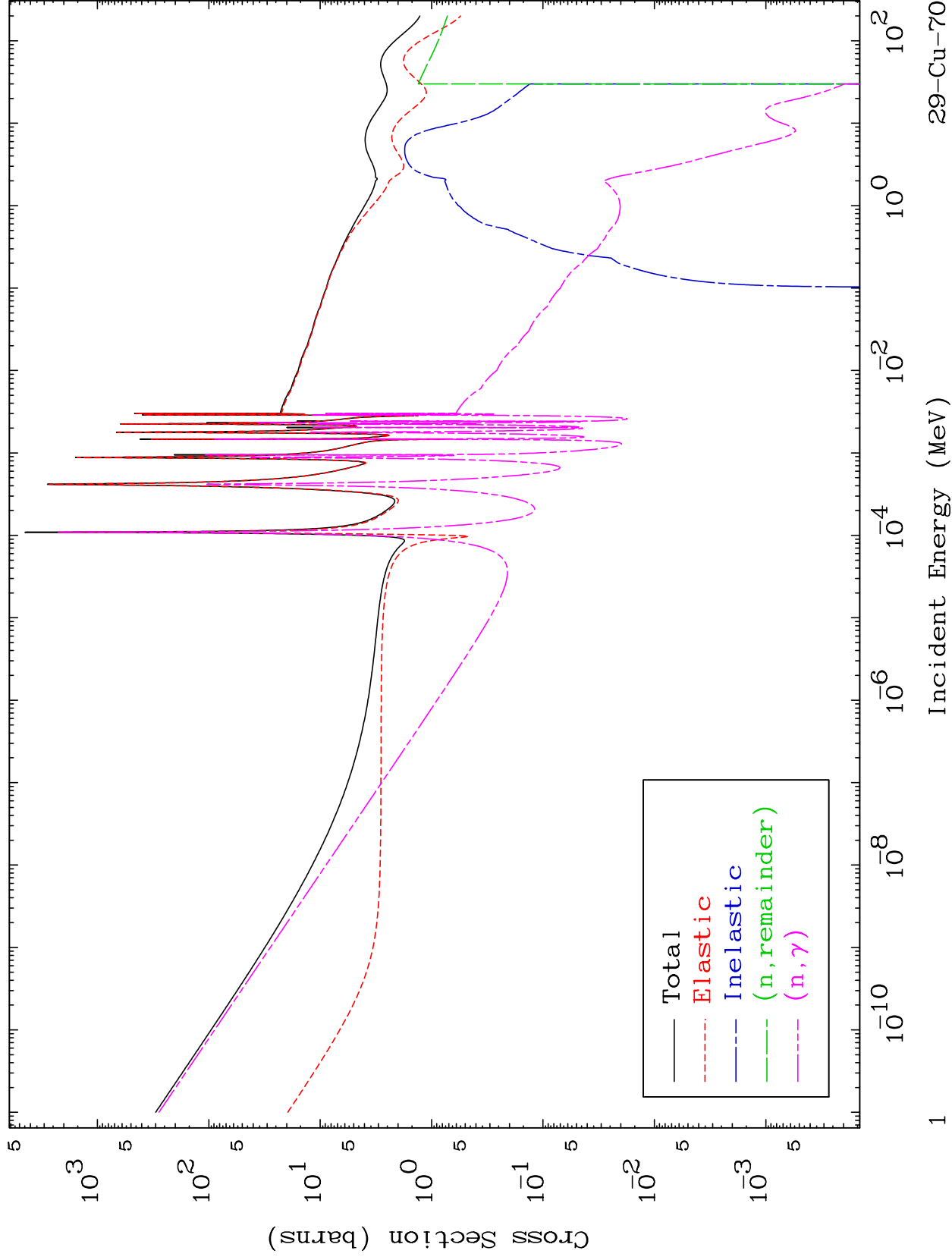
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2946

Major
293 Kelvin Cross Sections

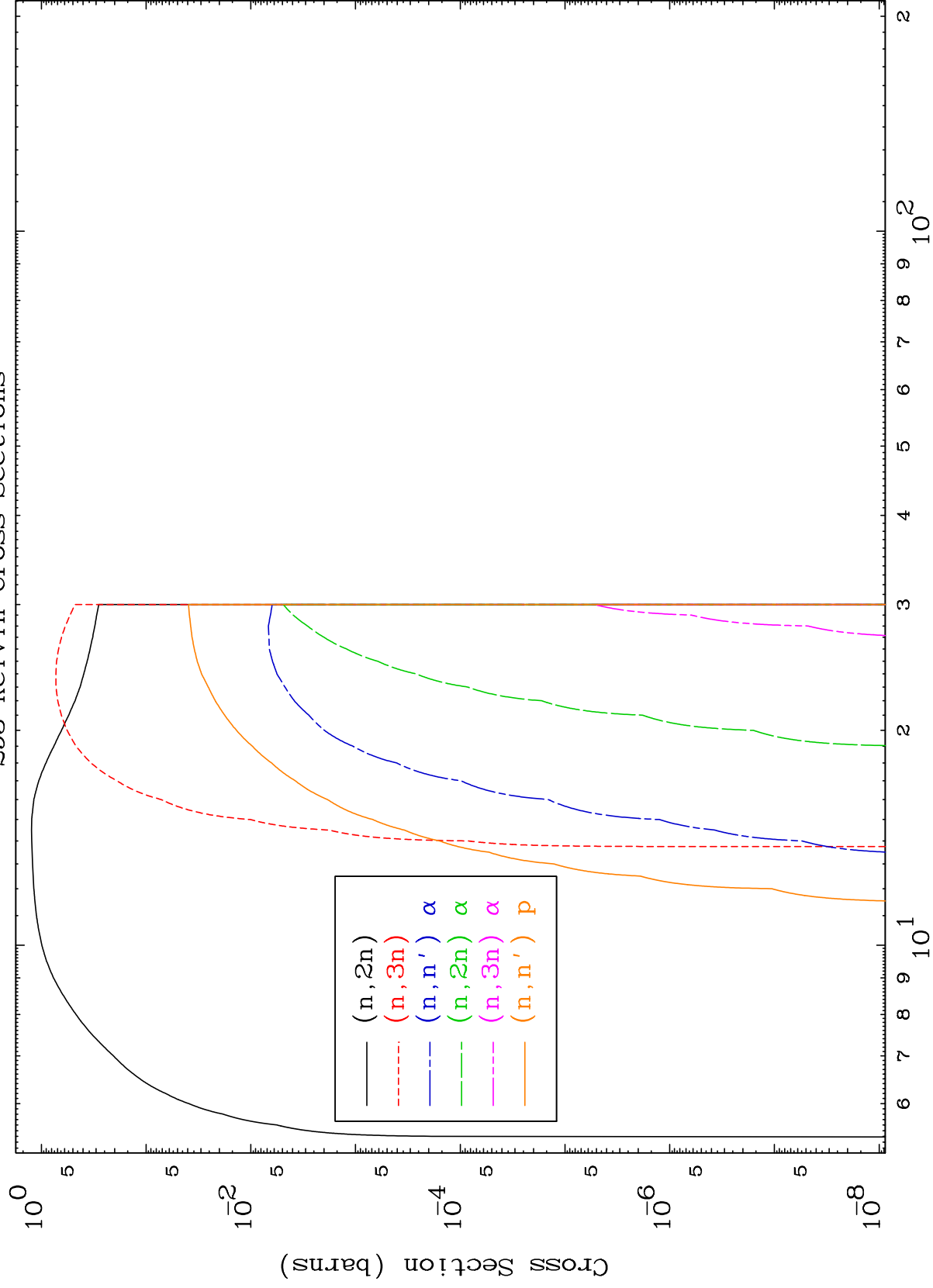
29-Cu-70



MAT 2946

Neutron Production
293 Kelvin Cross Sections

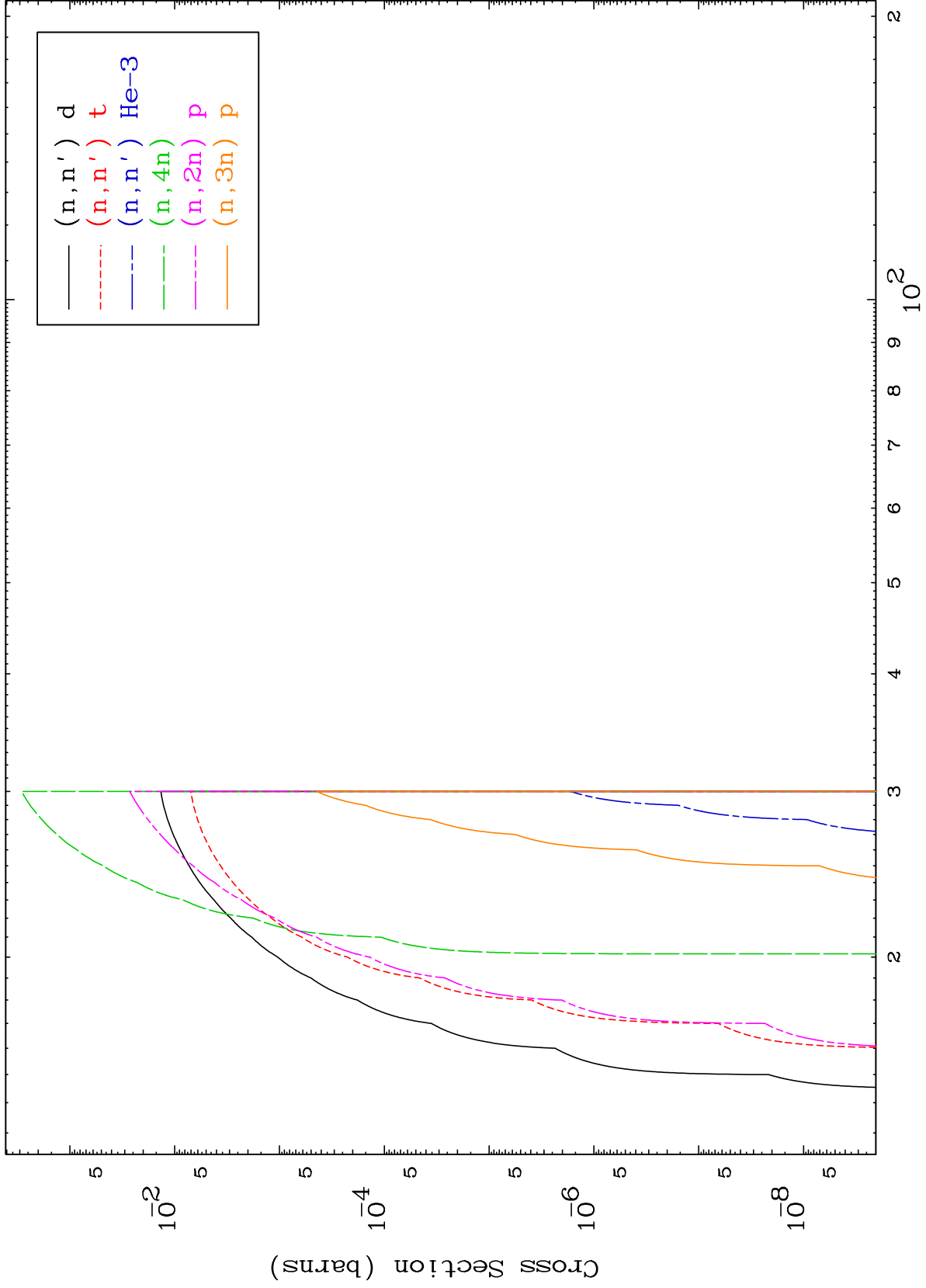
29-Cu-70



MAT 2946

Neutron Production
293 Kelvin Cross Sections

29-Cu-70



3

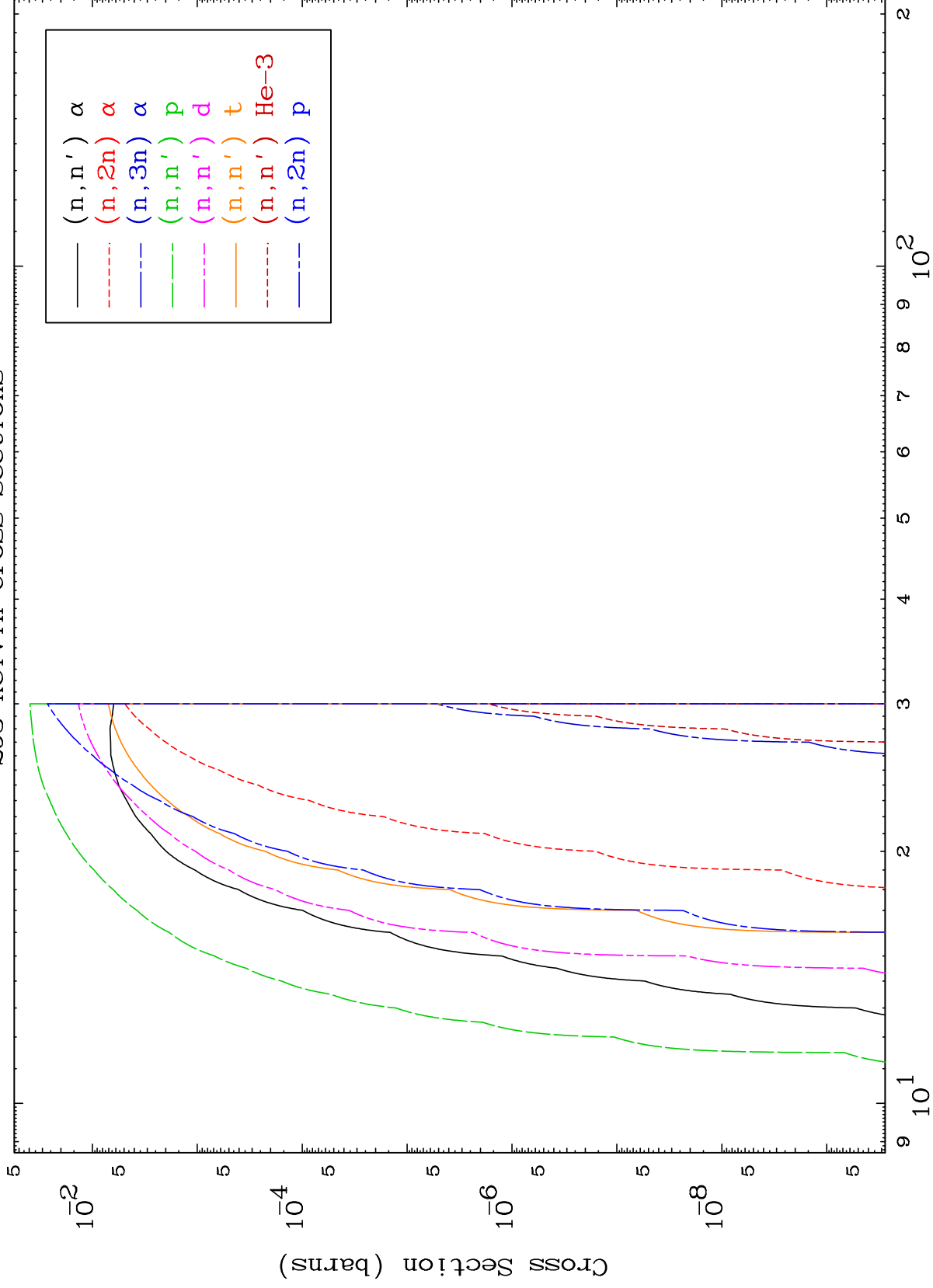
Incident Energy (MeV)

29-Cu-70

MAT 2946

Charged Particle
293 Kelvin Cross Sections

29-Cu-70



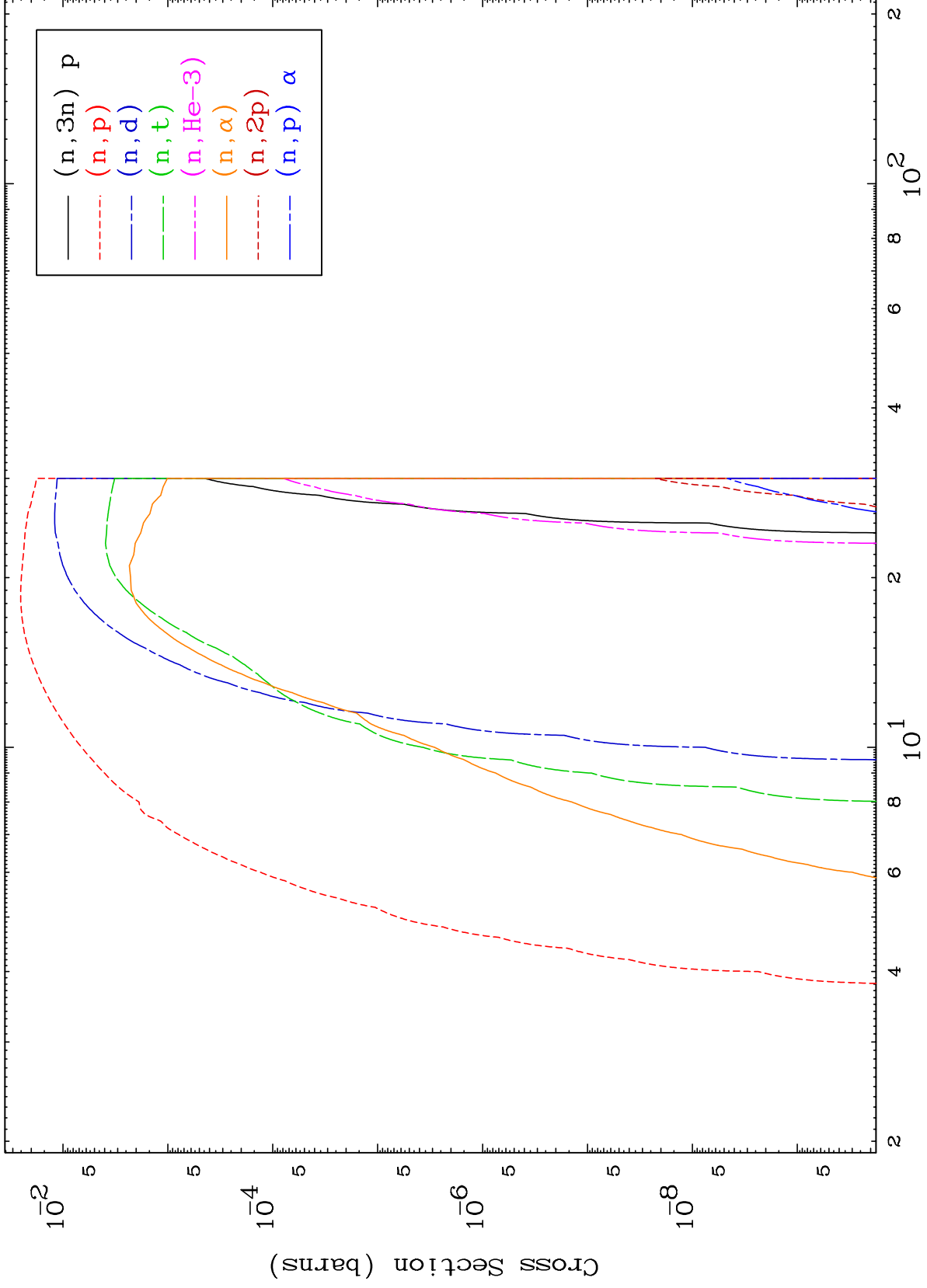
Incident Energy (MeV)

29-Cu-70

MAT 2946

Charged Particle
293 Kelvin Cross Sections

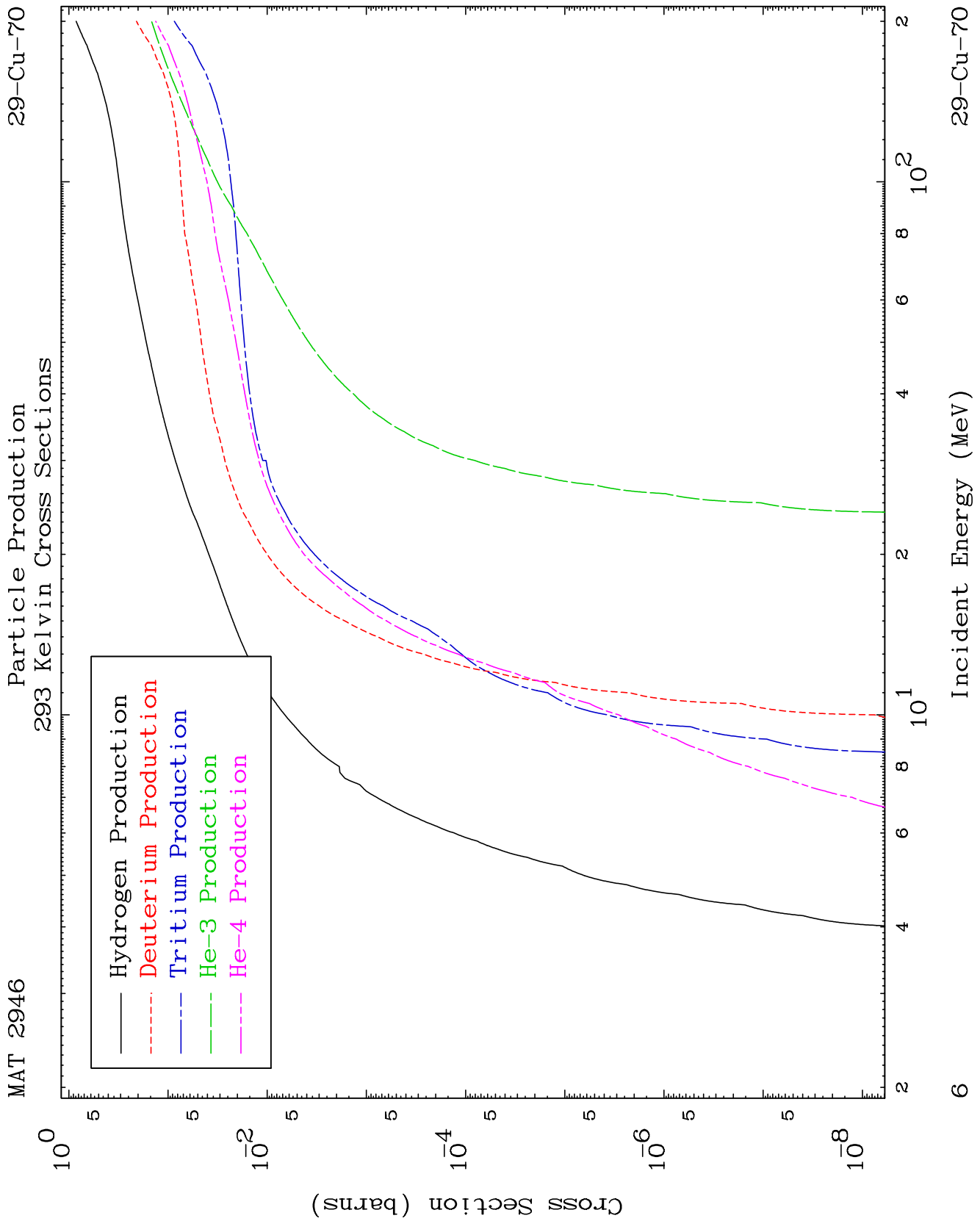
29-Cu-70



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Incident Energy (MeV)

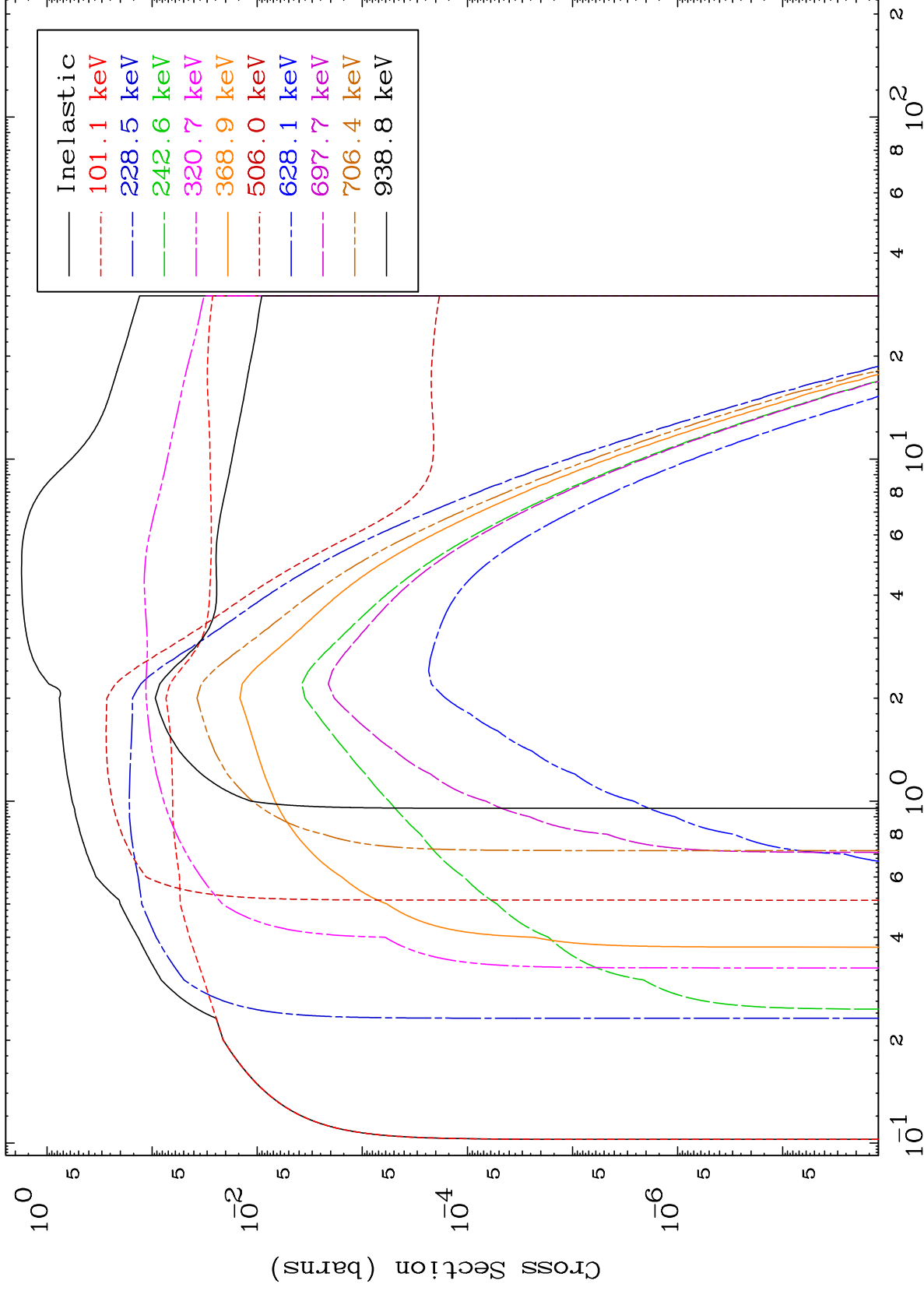
29-Cu-70



MAT 2946

(n,n') Level
293 Kelvin Cross Sections

29-Cu-70



Incident Energy (MeV)

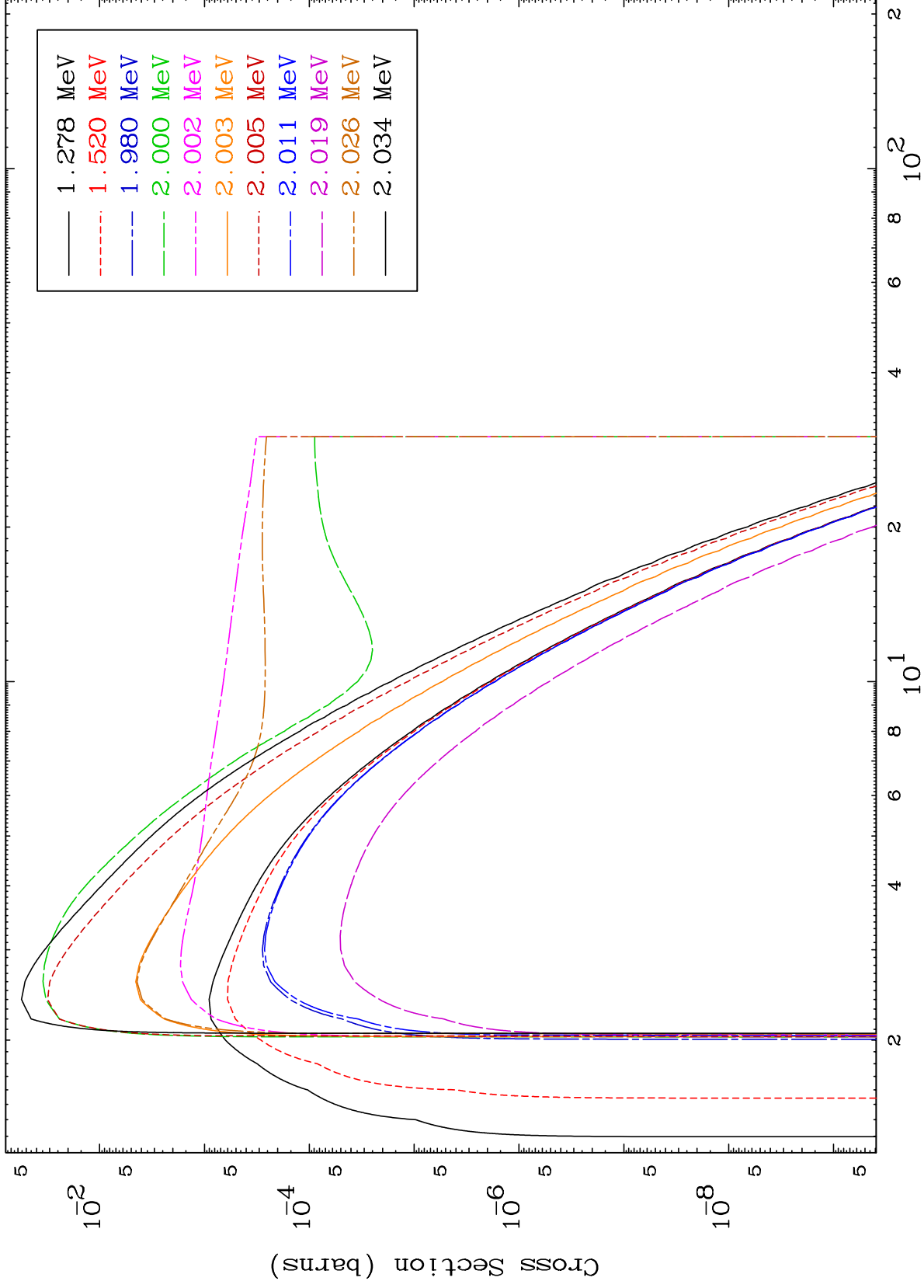
29-Cu-70

7

MAT 2946

(n,n') Level
293 Kelvin Cross Sections

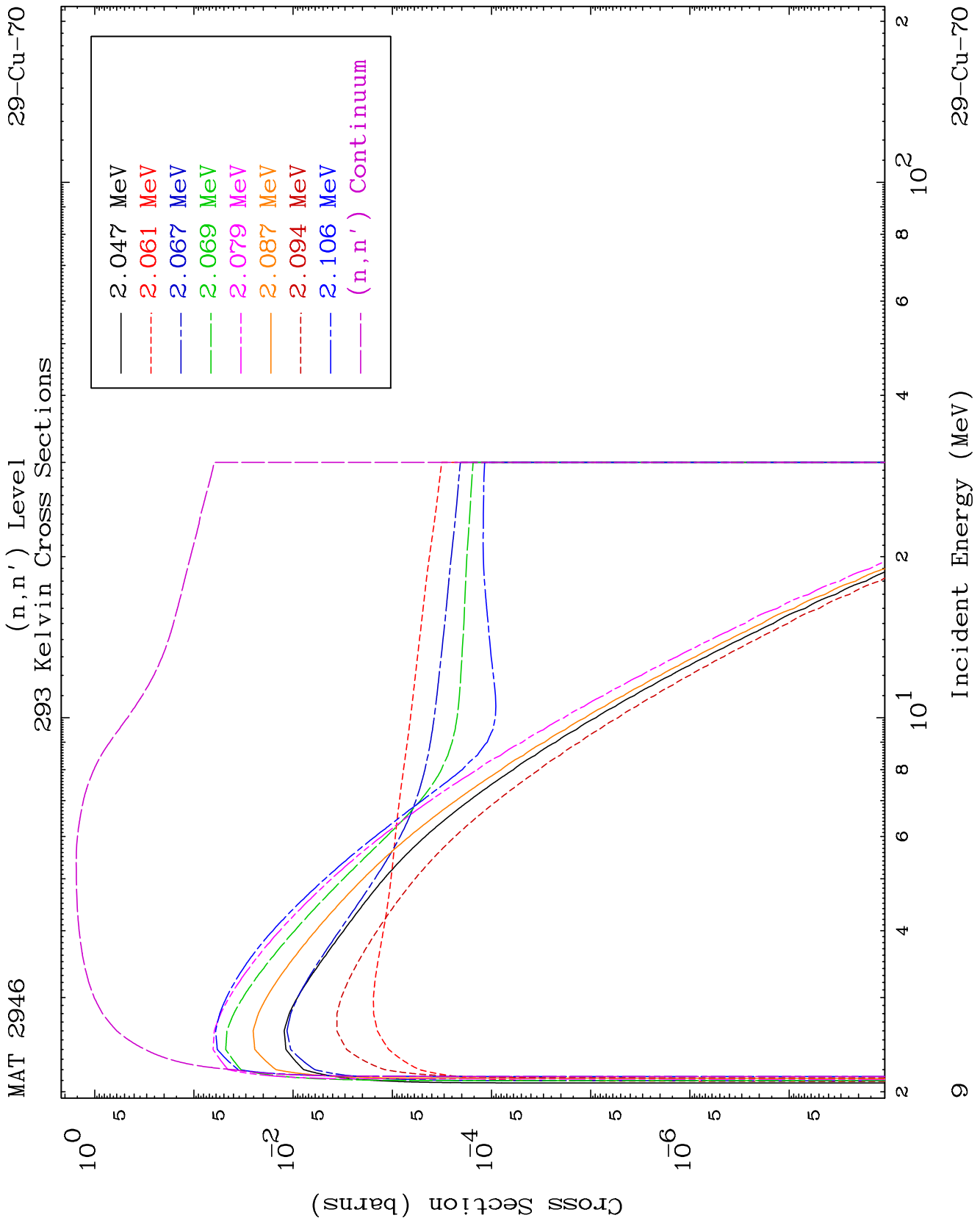
29-Cu-70



8

Incident Energy (MeV)

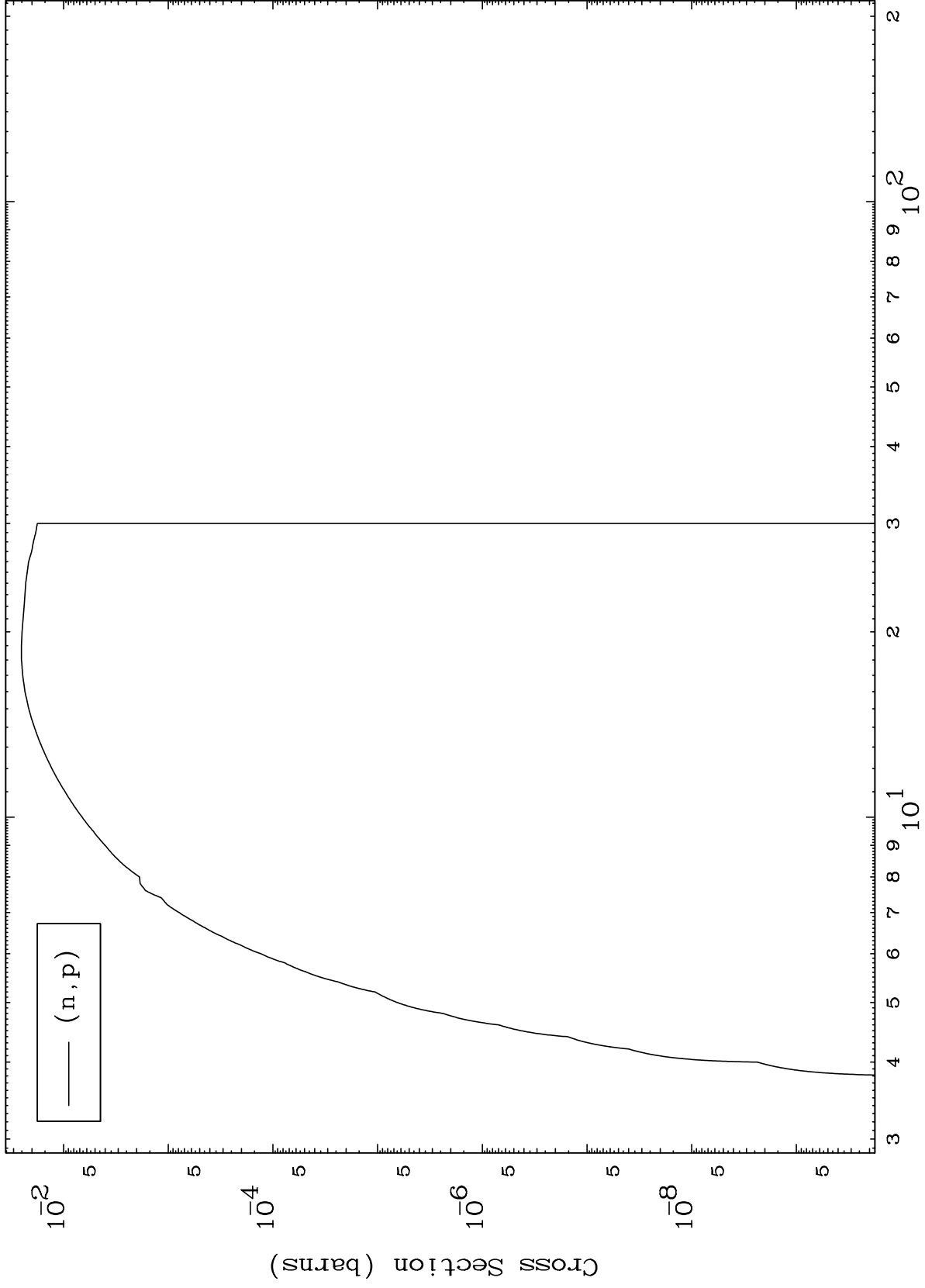
29-Cu-70



MAT 2946

(n,p) Levels
293 Kelvin Cross Sections

29-Cu-70



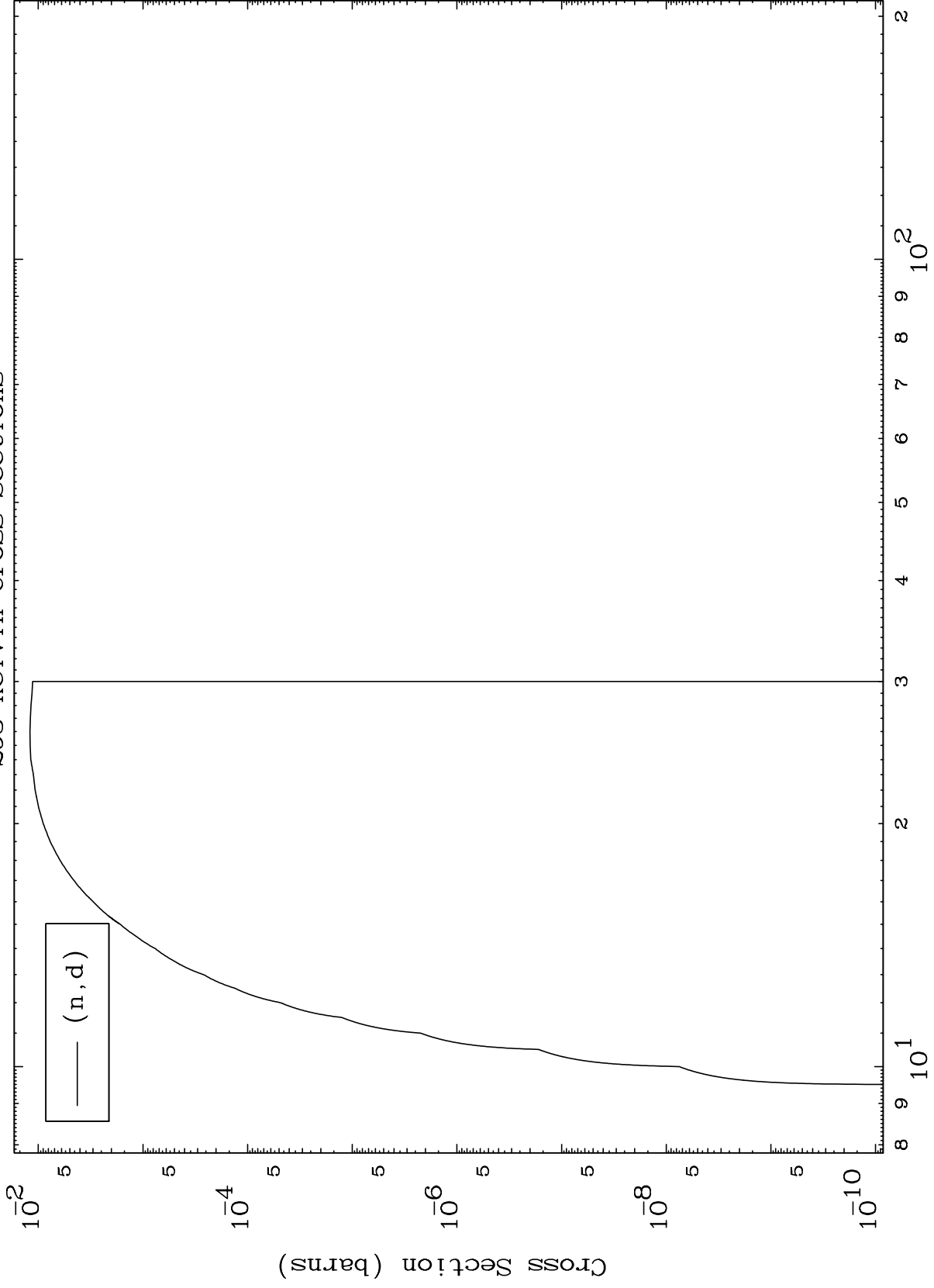
Incident Energy (MeV)

29-Cu-70

MAT 2946

(n,d) Levels
293 Kelvin Cross Sections

29-Cu-70



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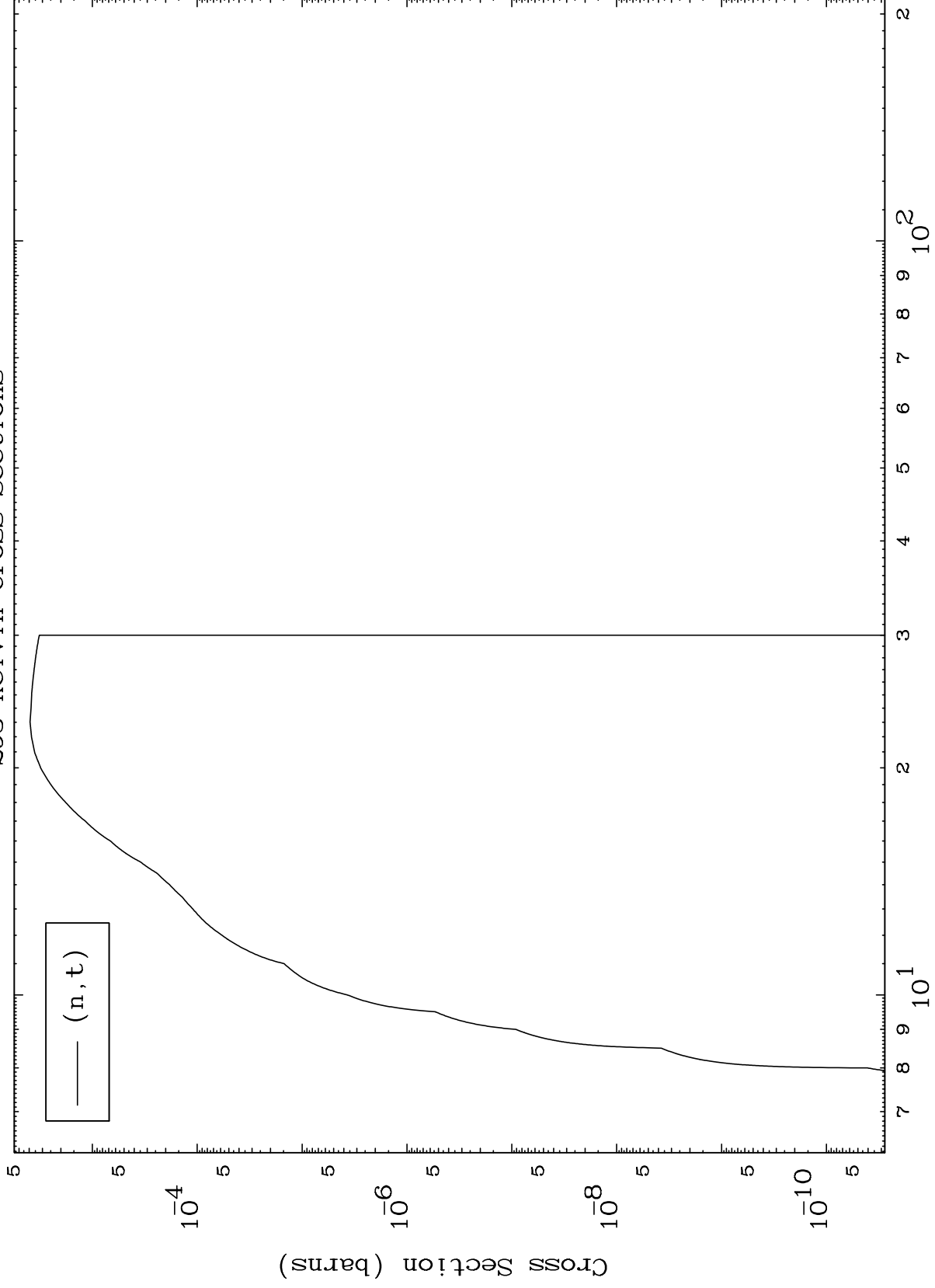
Incident Energy (MeV)

29-Cu-70

MAT 2946

(n, t) Levels
293 Kelvin Cross Sections

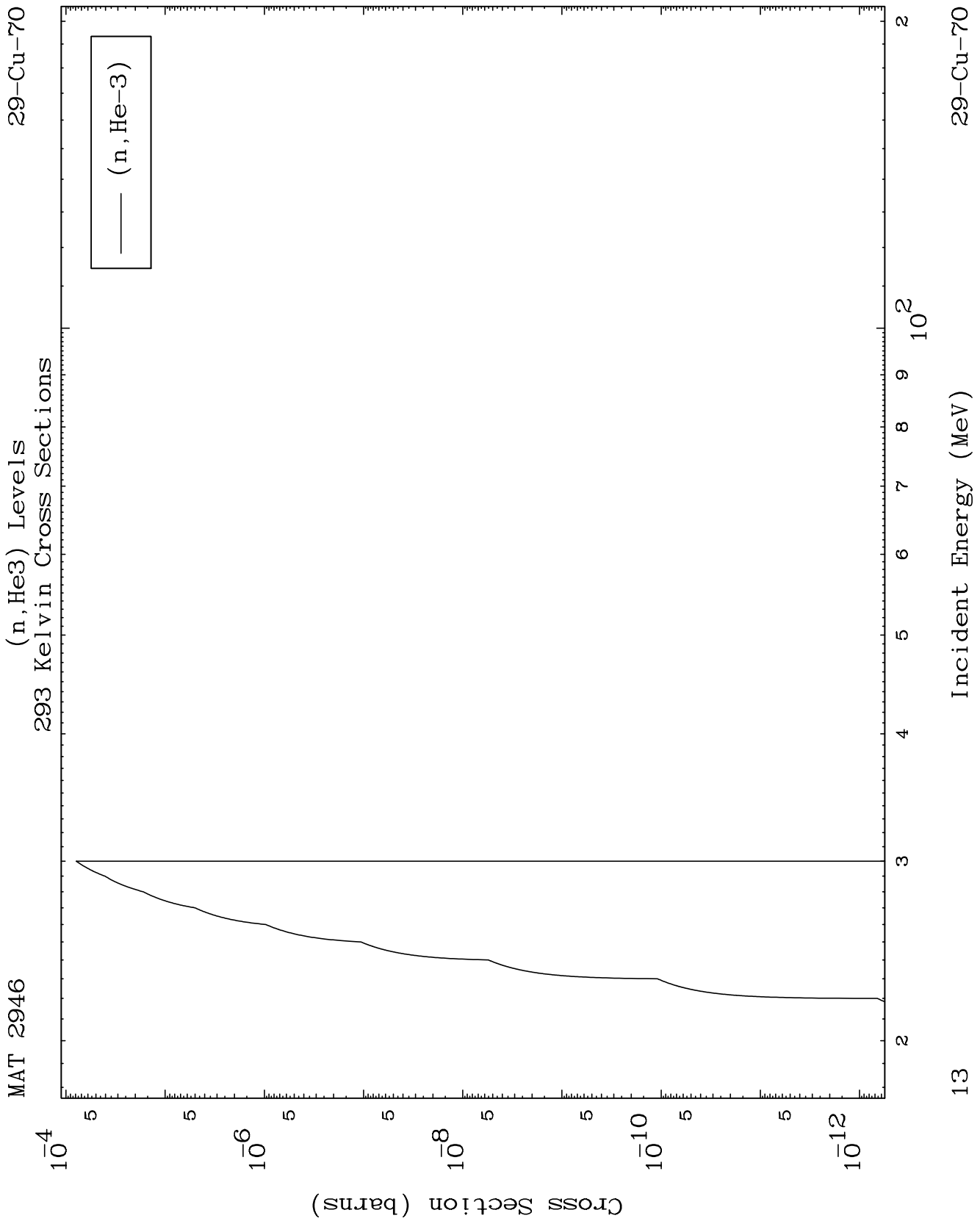
29-Cu-70



12

Incident Energy (MeV)

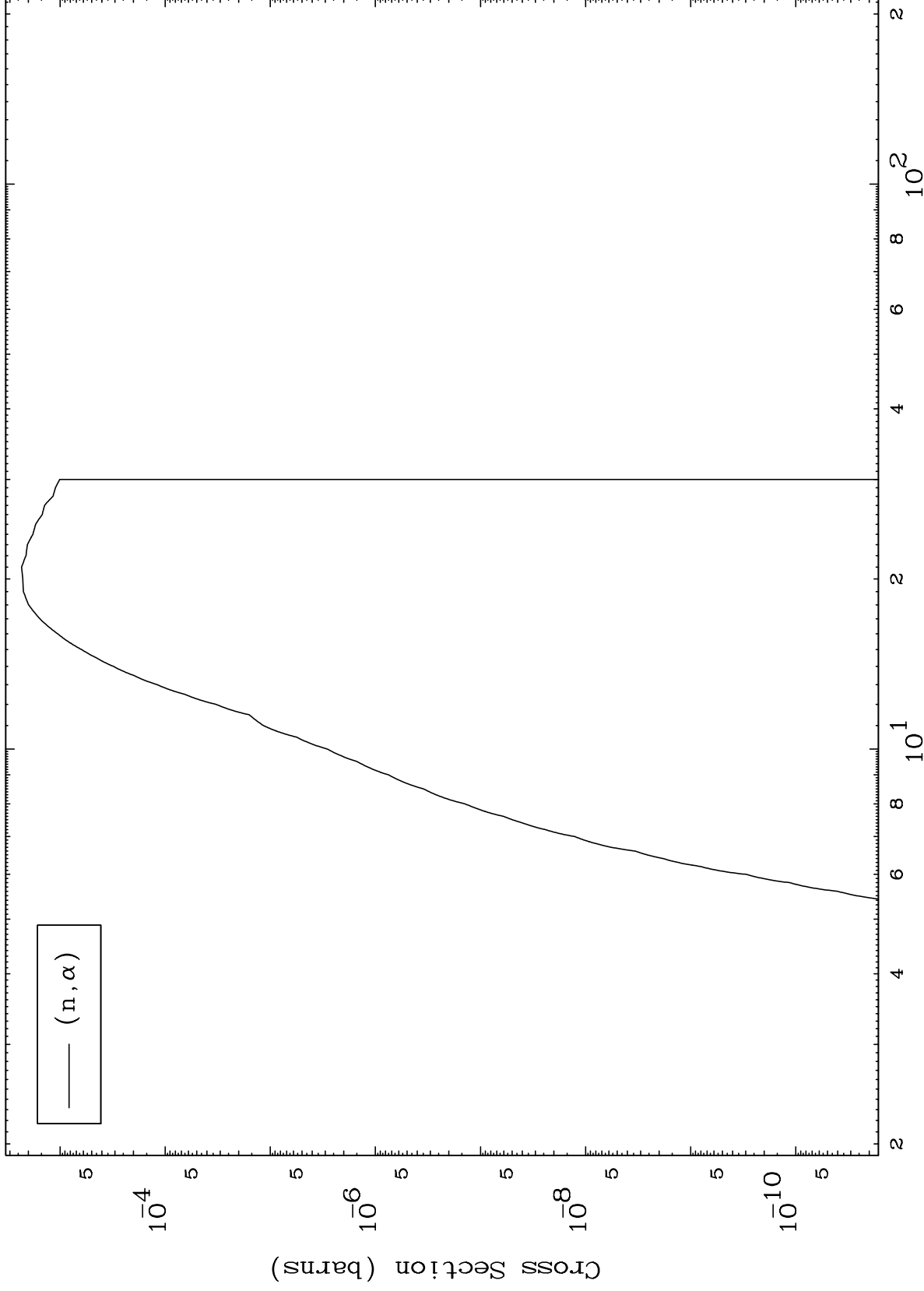
29-Cu-70



MAT 2946

(n, α) Levels
293 Kelvin Cross Sections

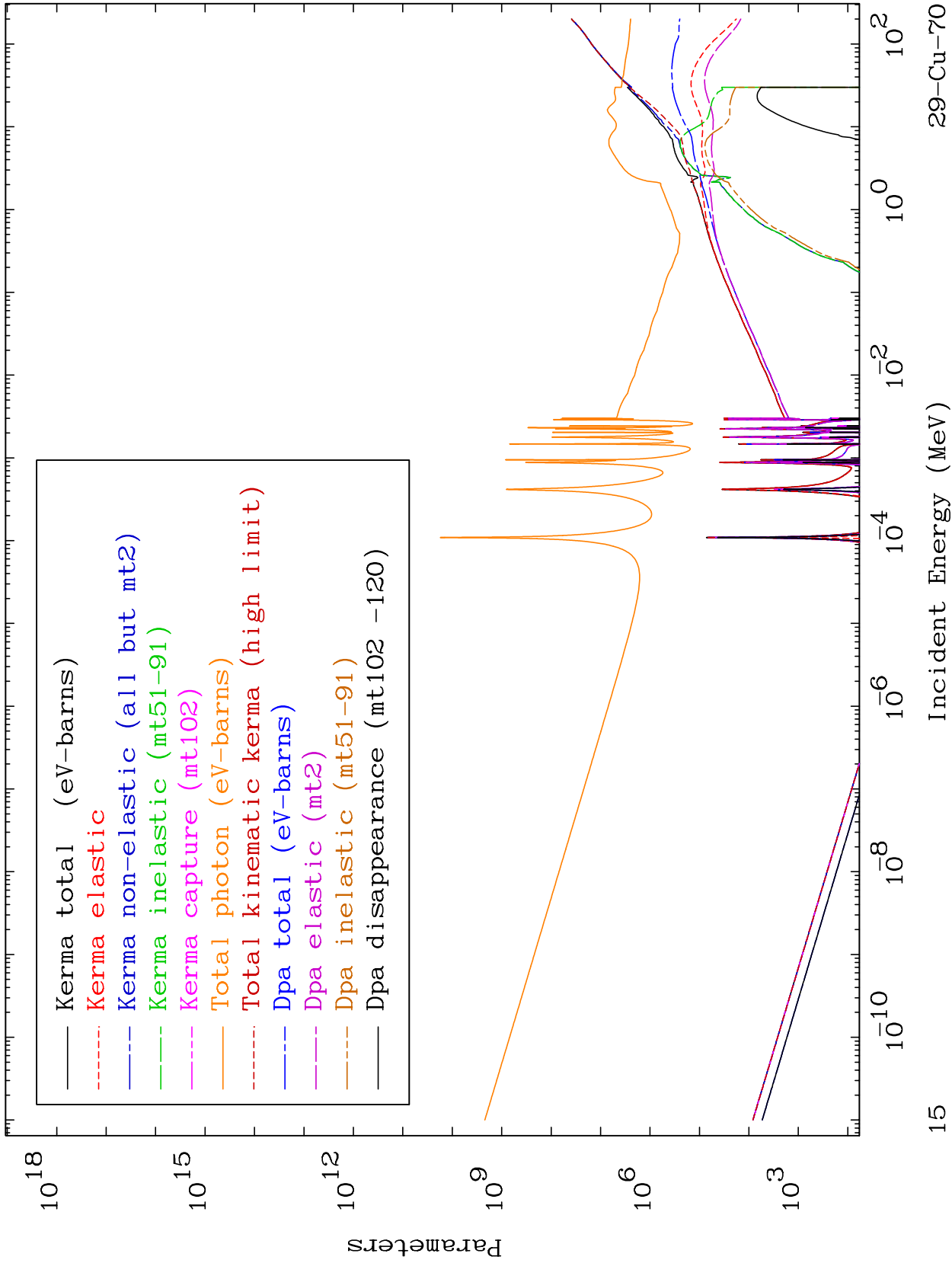
29-Cu-70



14

Incident Energy (MeV)

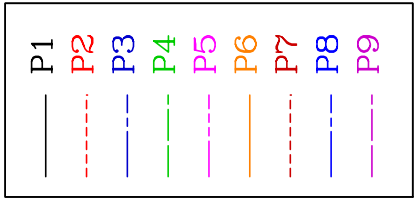
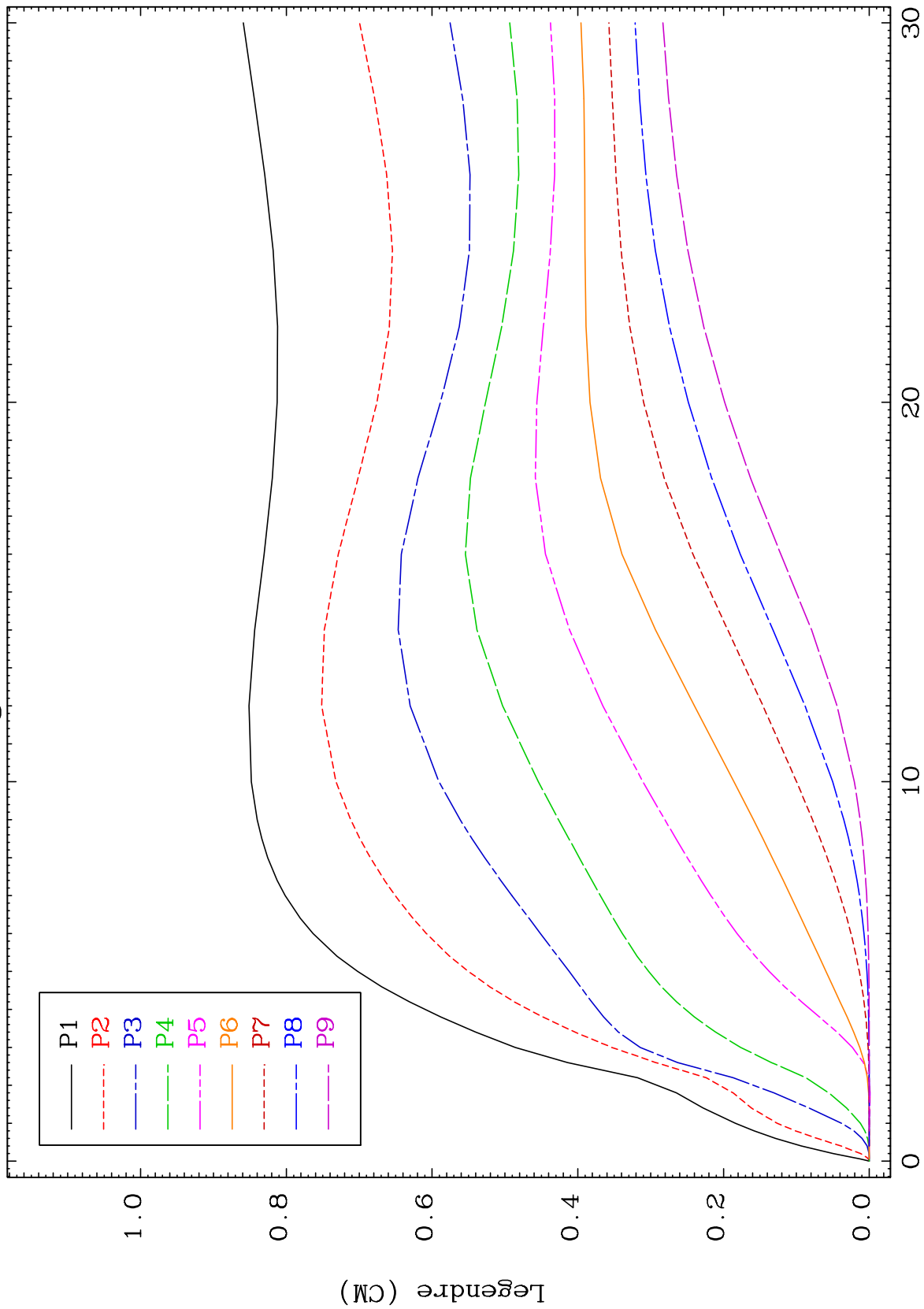
29-Cu-70



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Elastic Legendre Coefficients

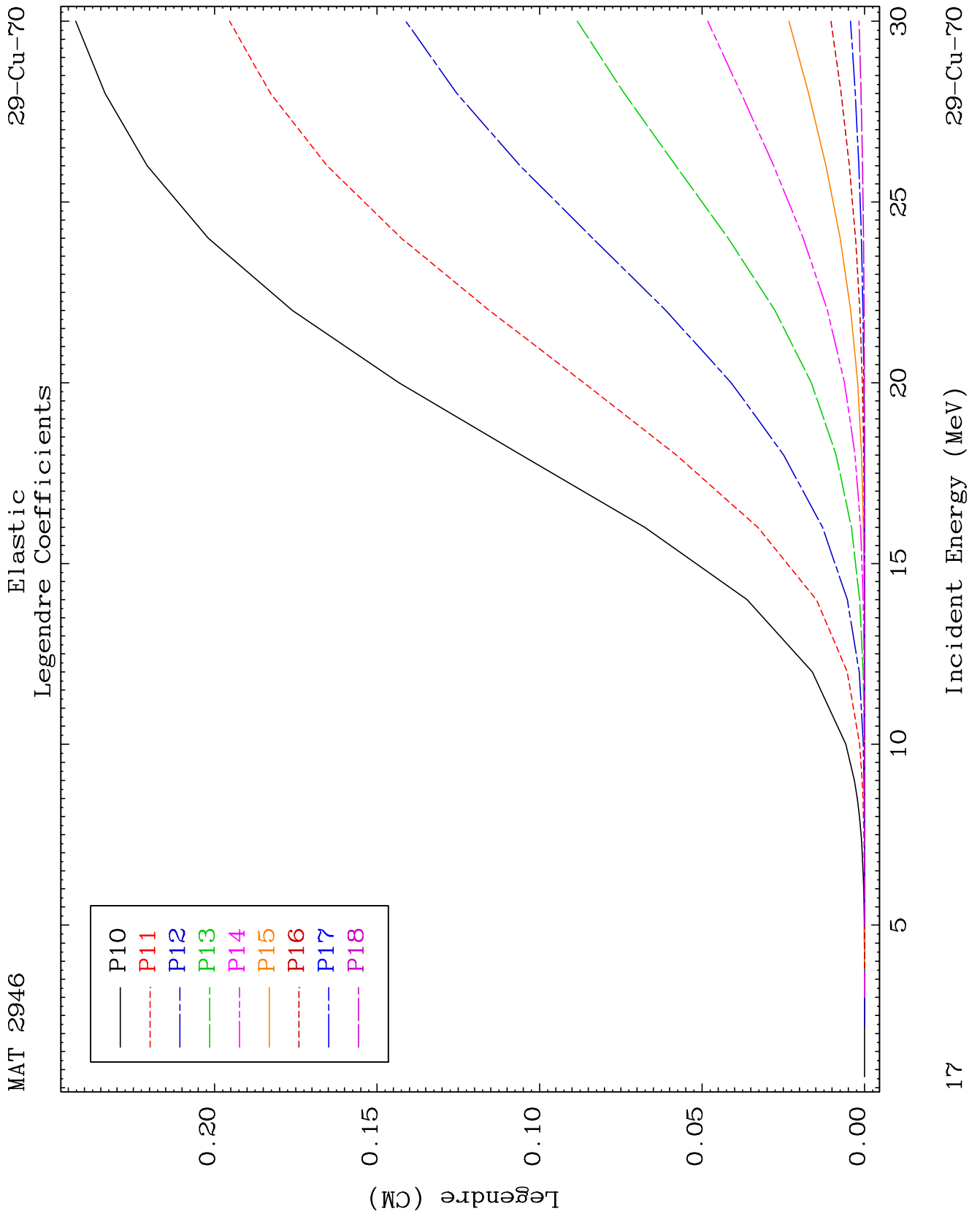
²⁹Cu-70



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Incident Energy (MeV)

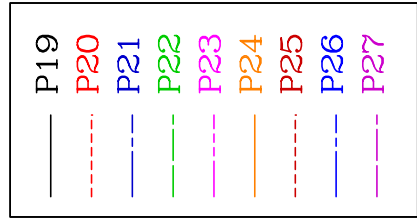
²⁹Cu-70



MAT 2946

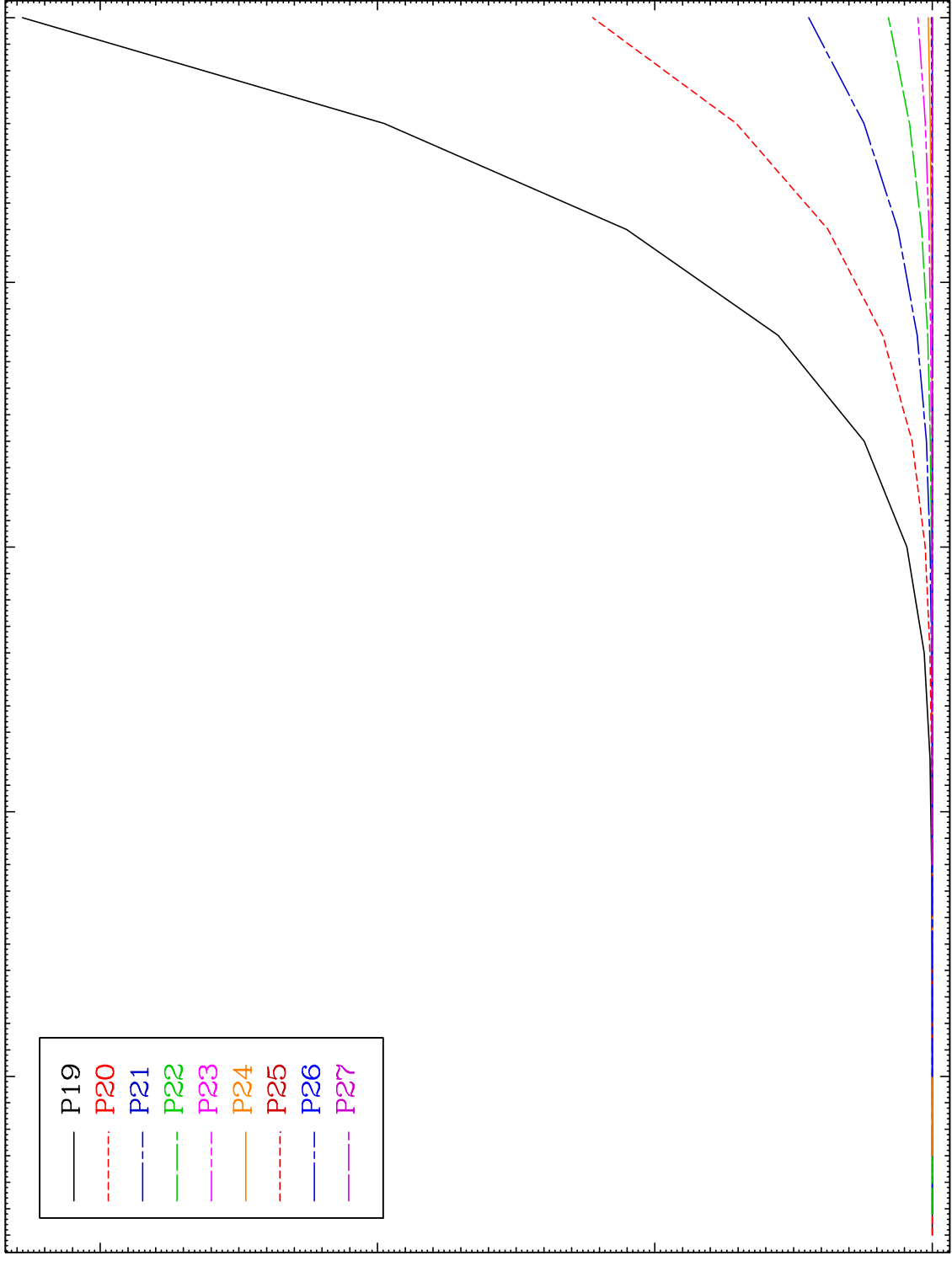
Elastic
Legendre Coefficients

29-Cu-70



$\times 10^{-4}$

Legendre (CM)



0

15

20

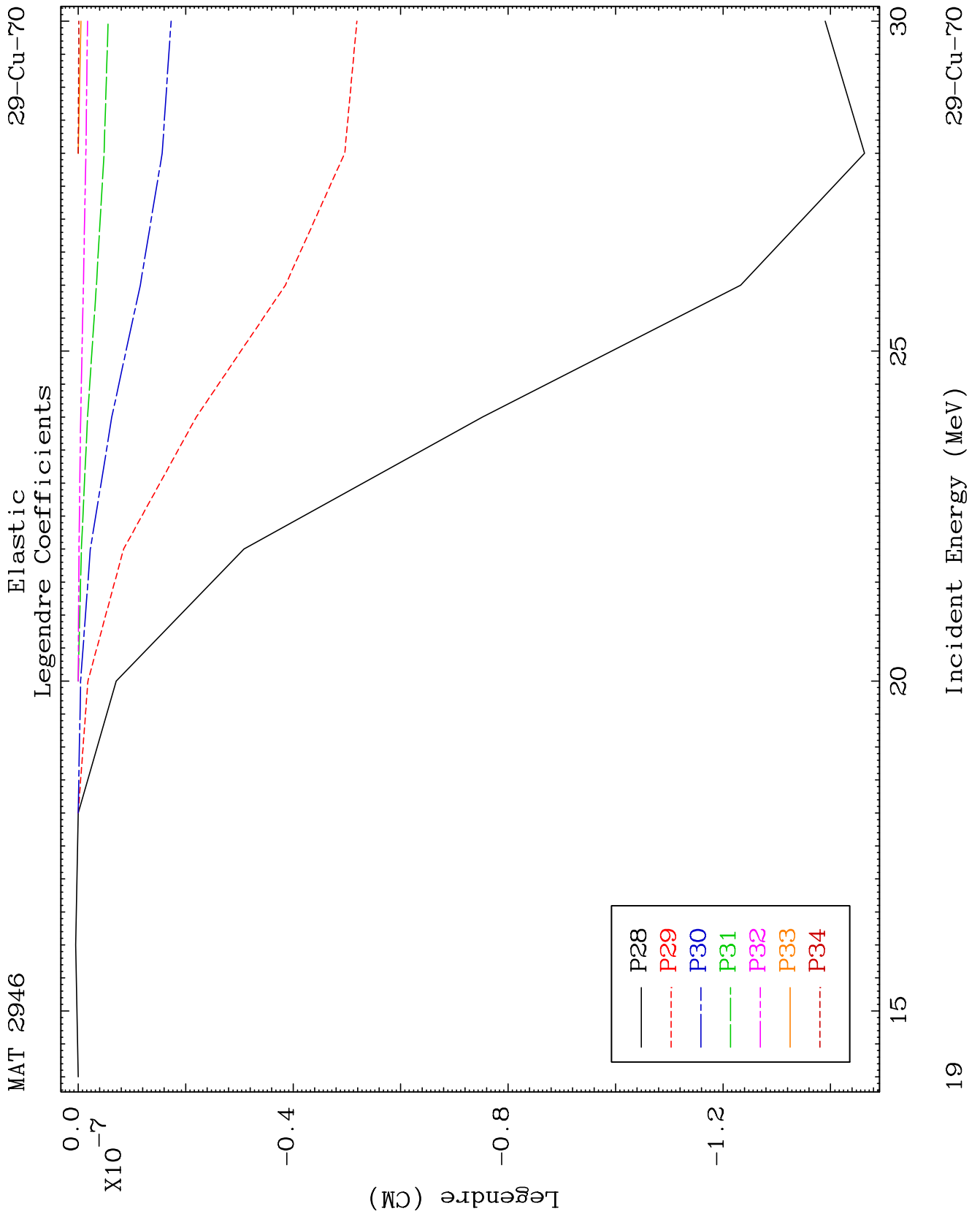
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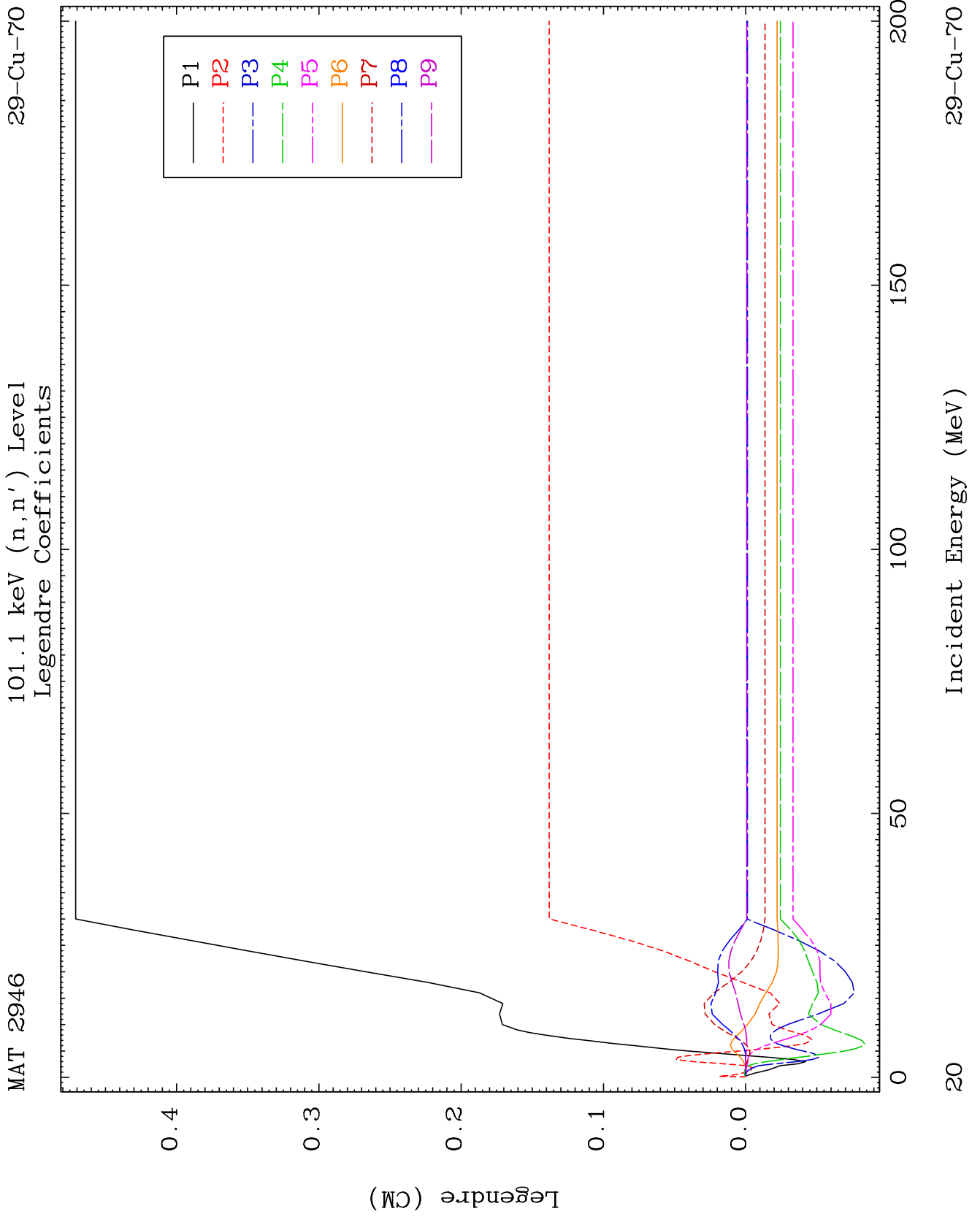
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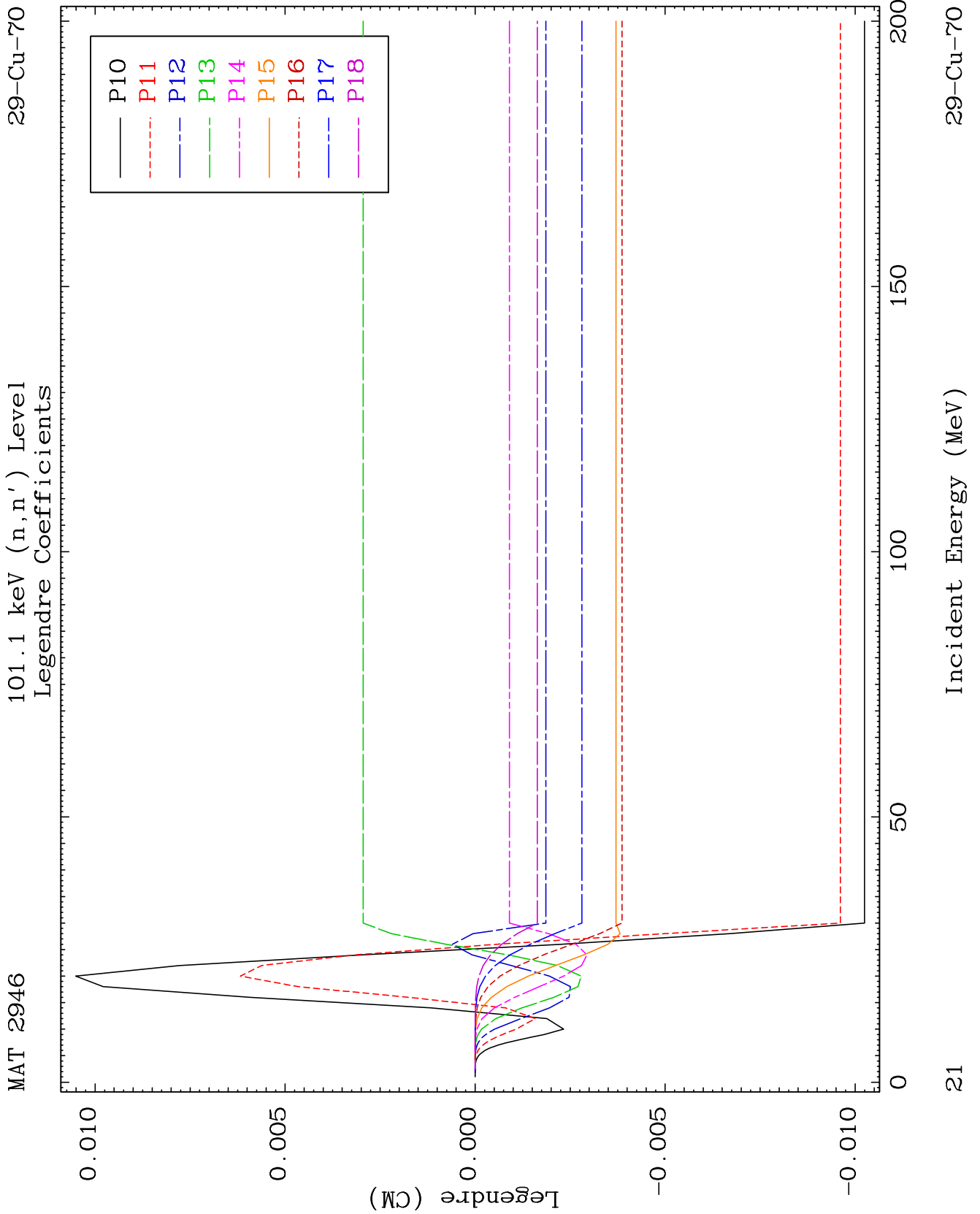
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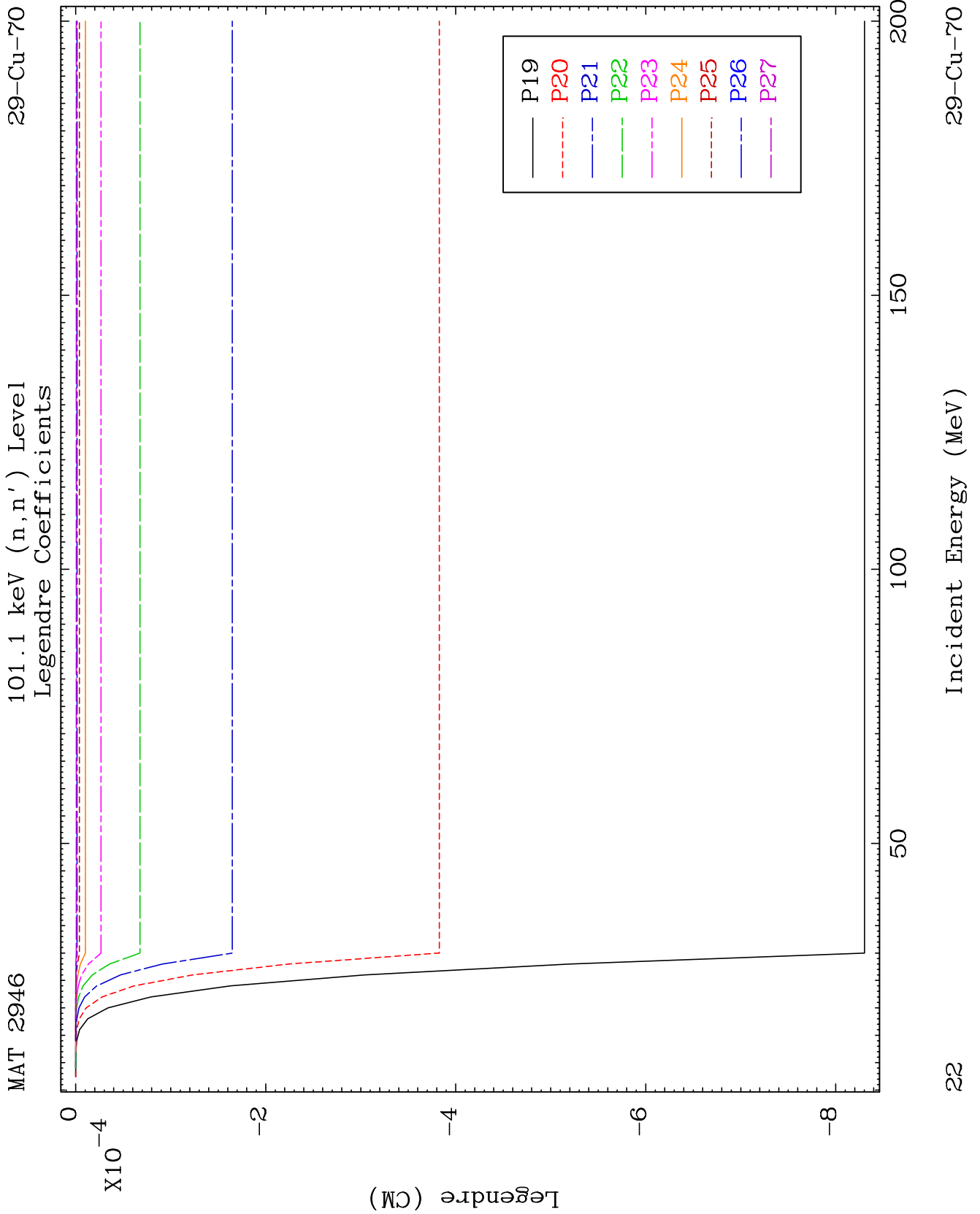
Incident Energy (MeV)

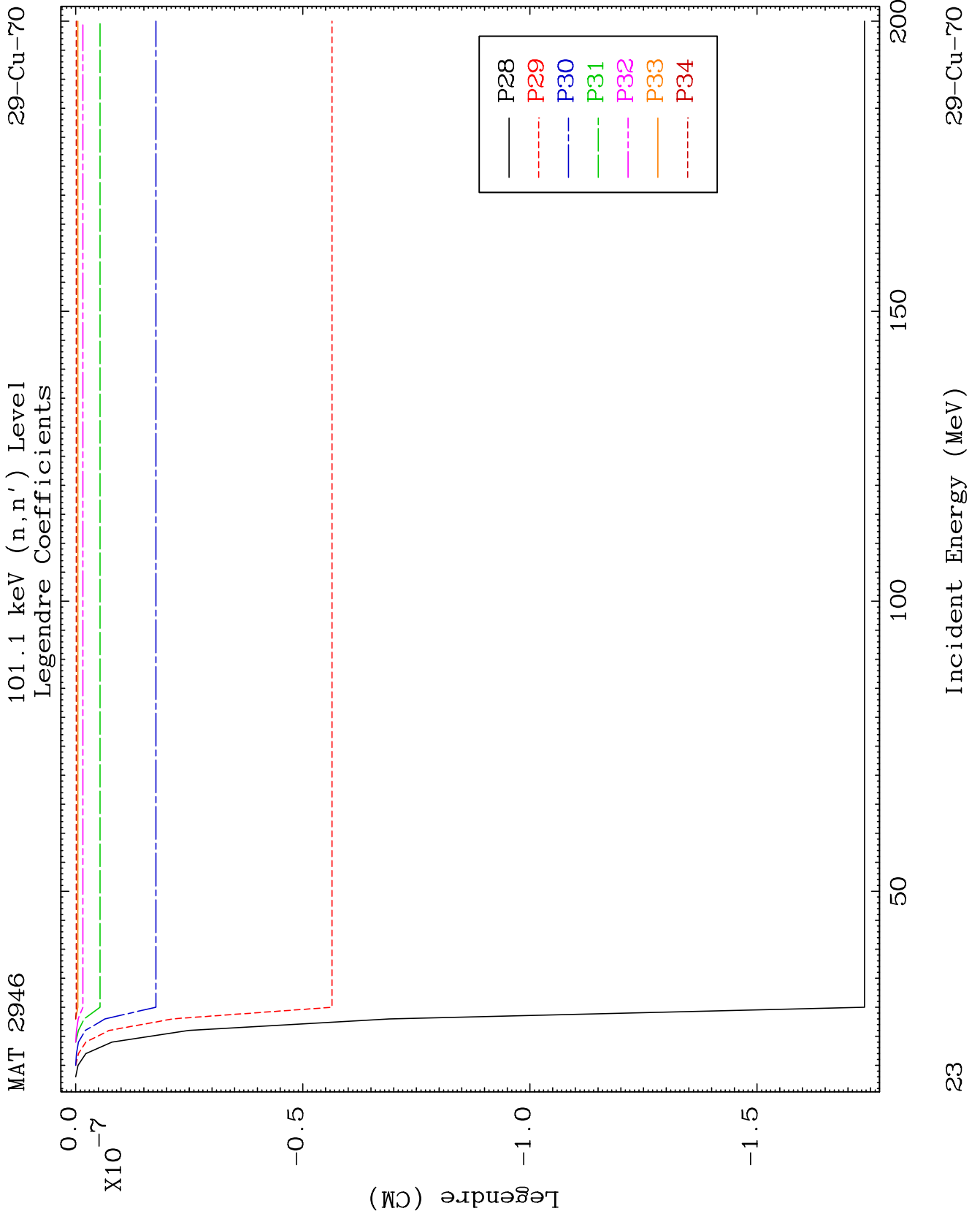
29-Cu-70

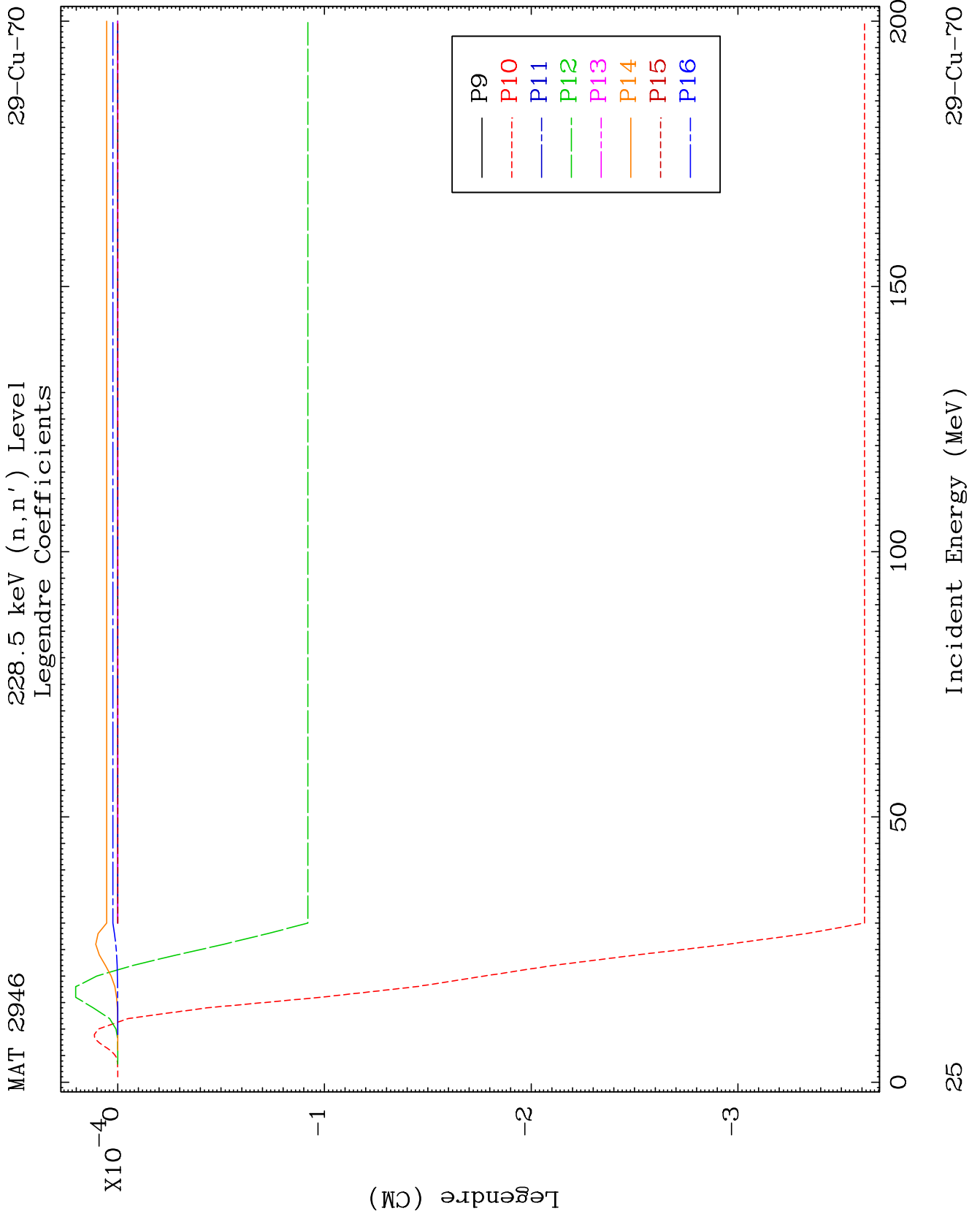


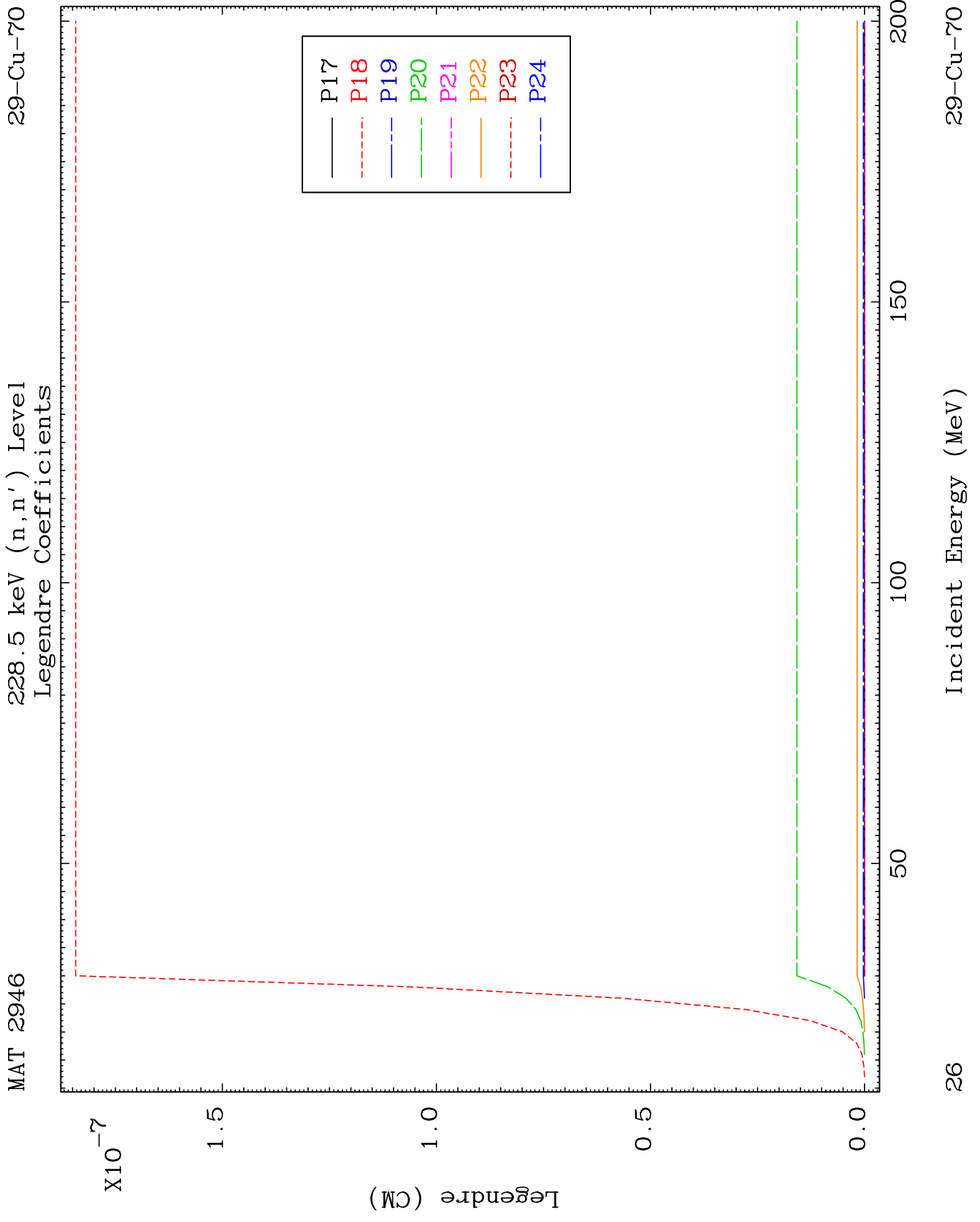


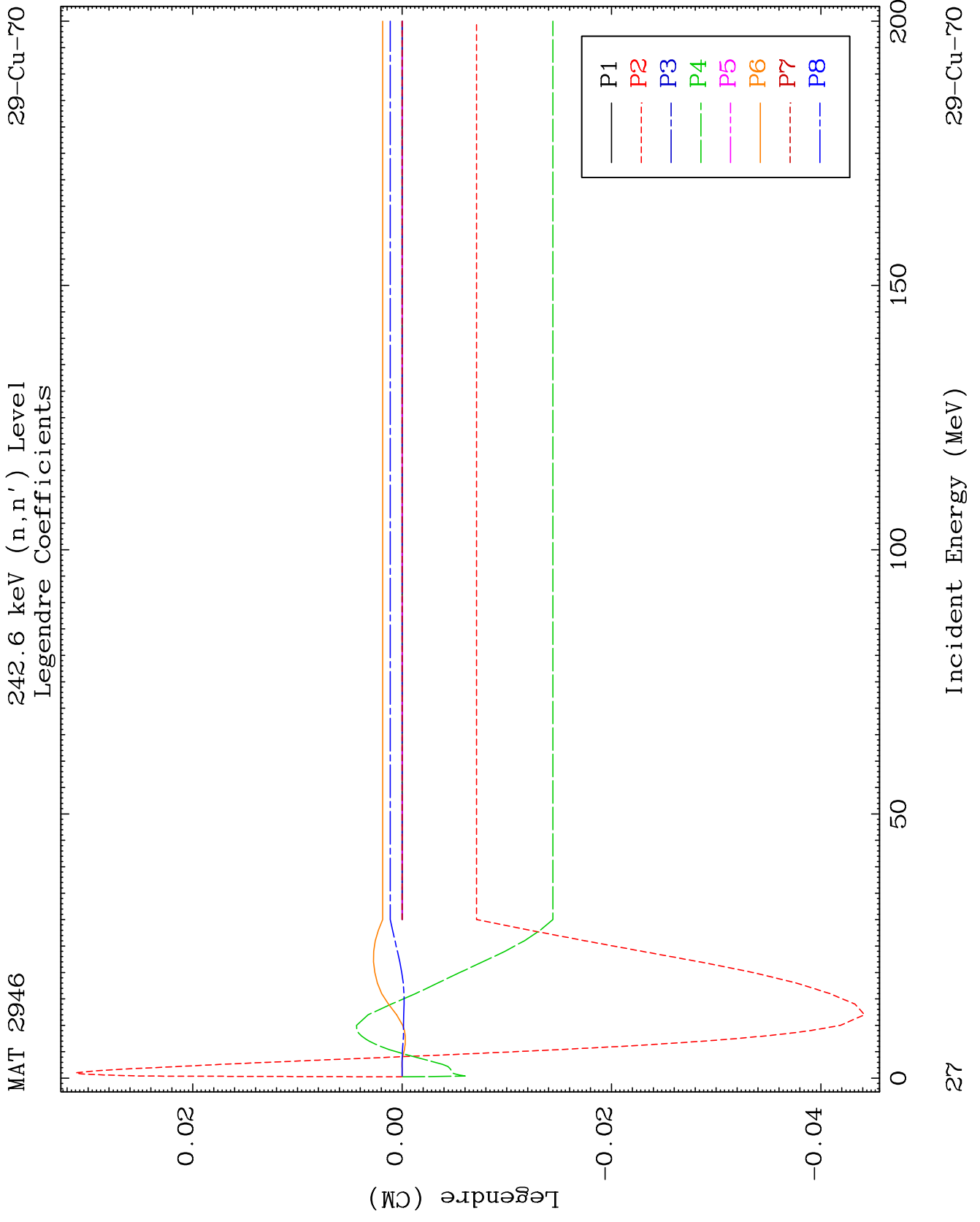


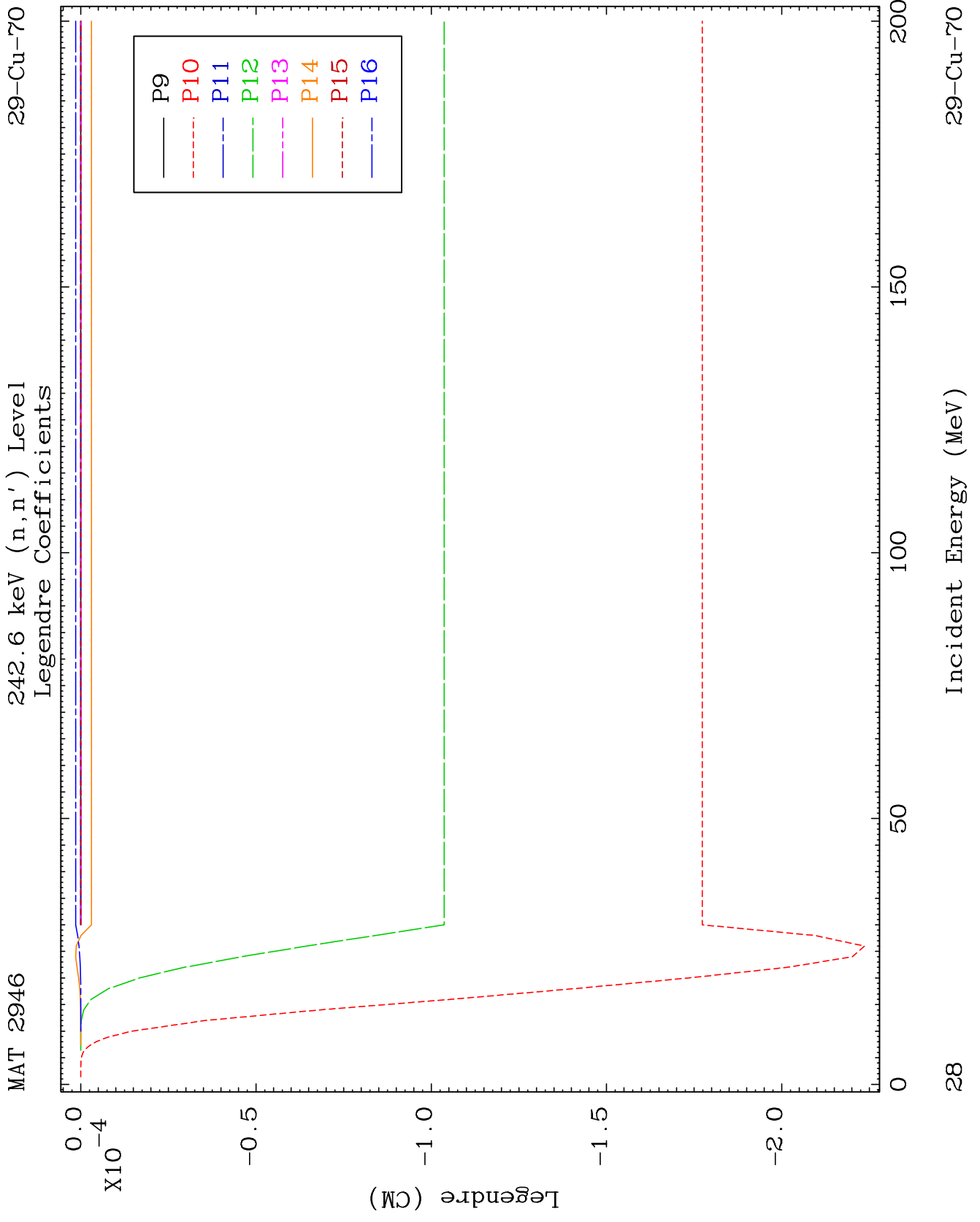


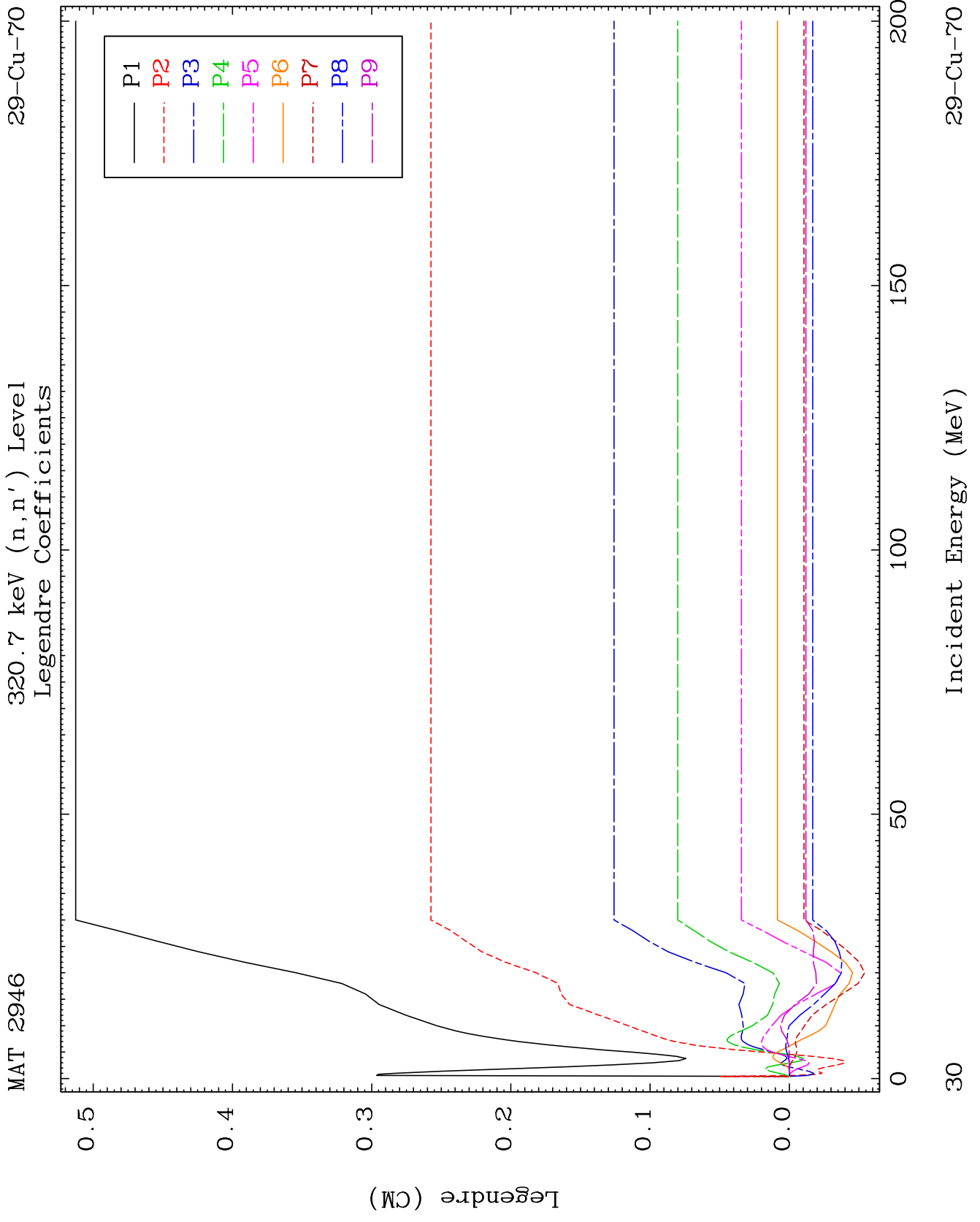


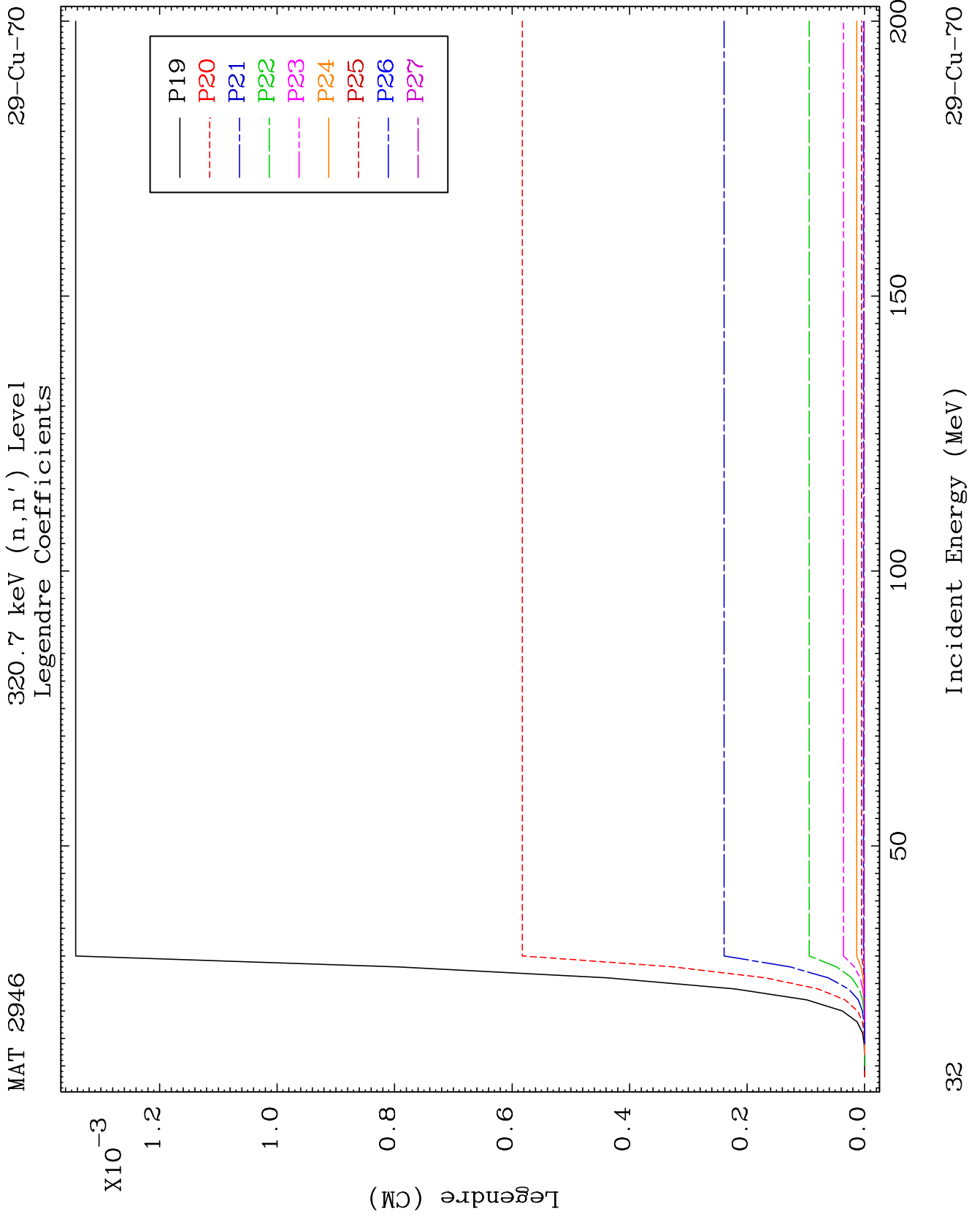








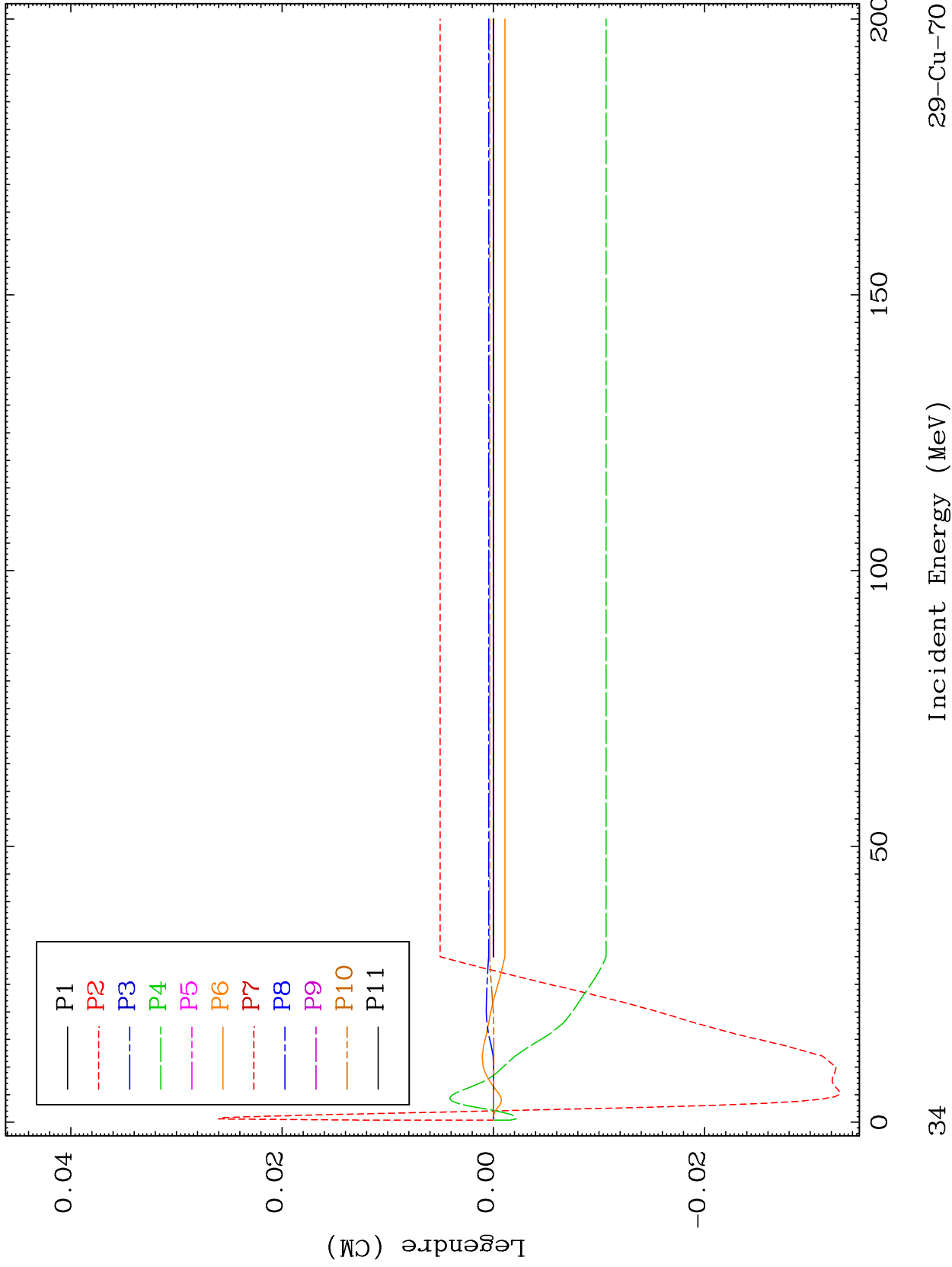




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368.9 keV (n,n') Level
Legendre Coefficients

29-Cu-70

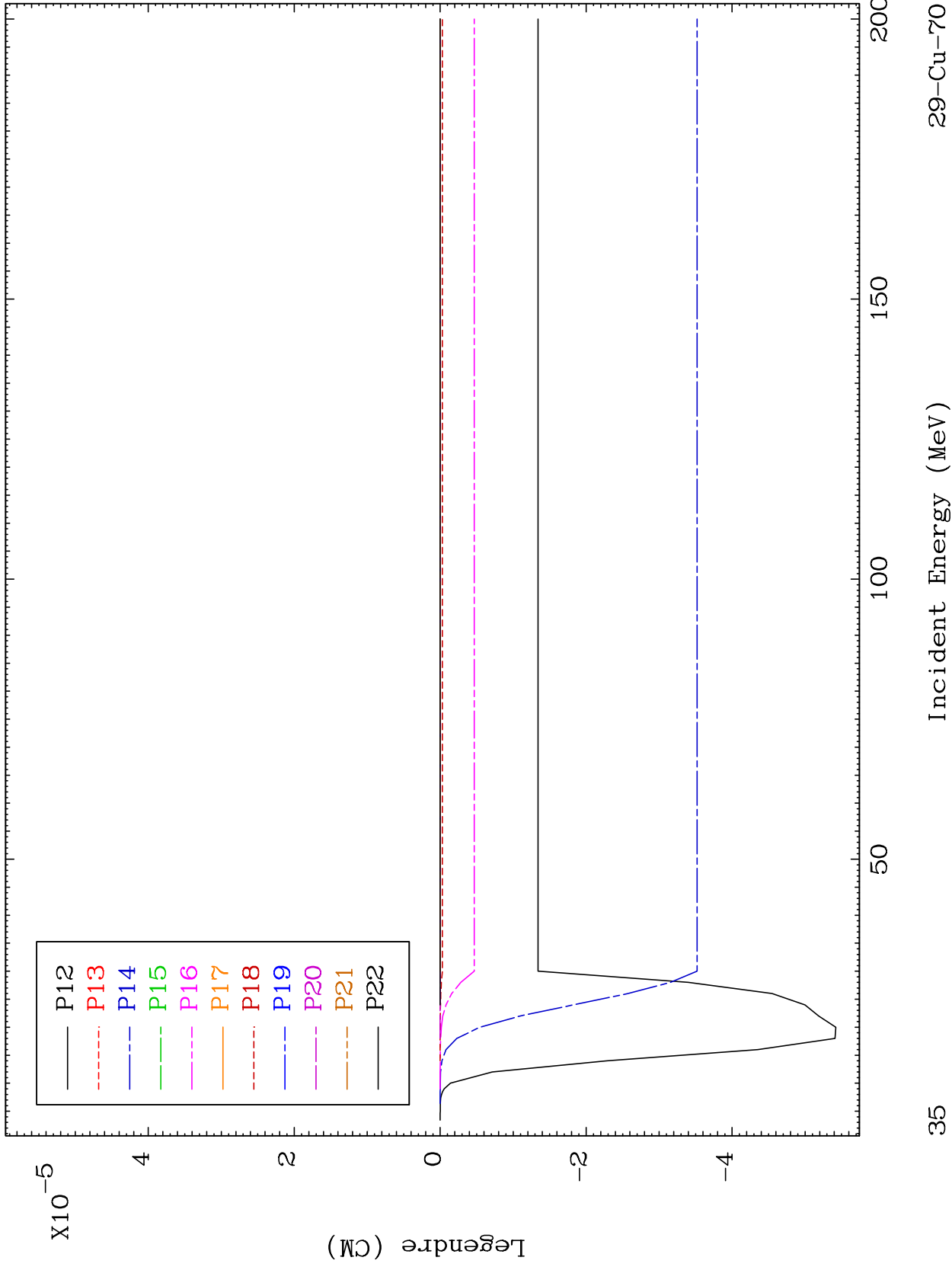


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MAT 2946

368.9 keV (n,n') Level
Legendre Coefficients

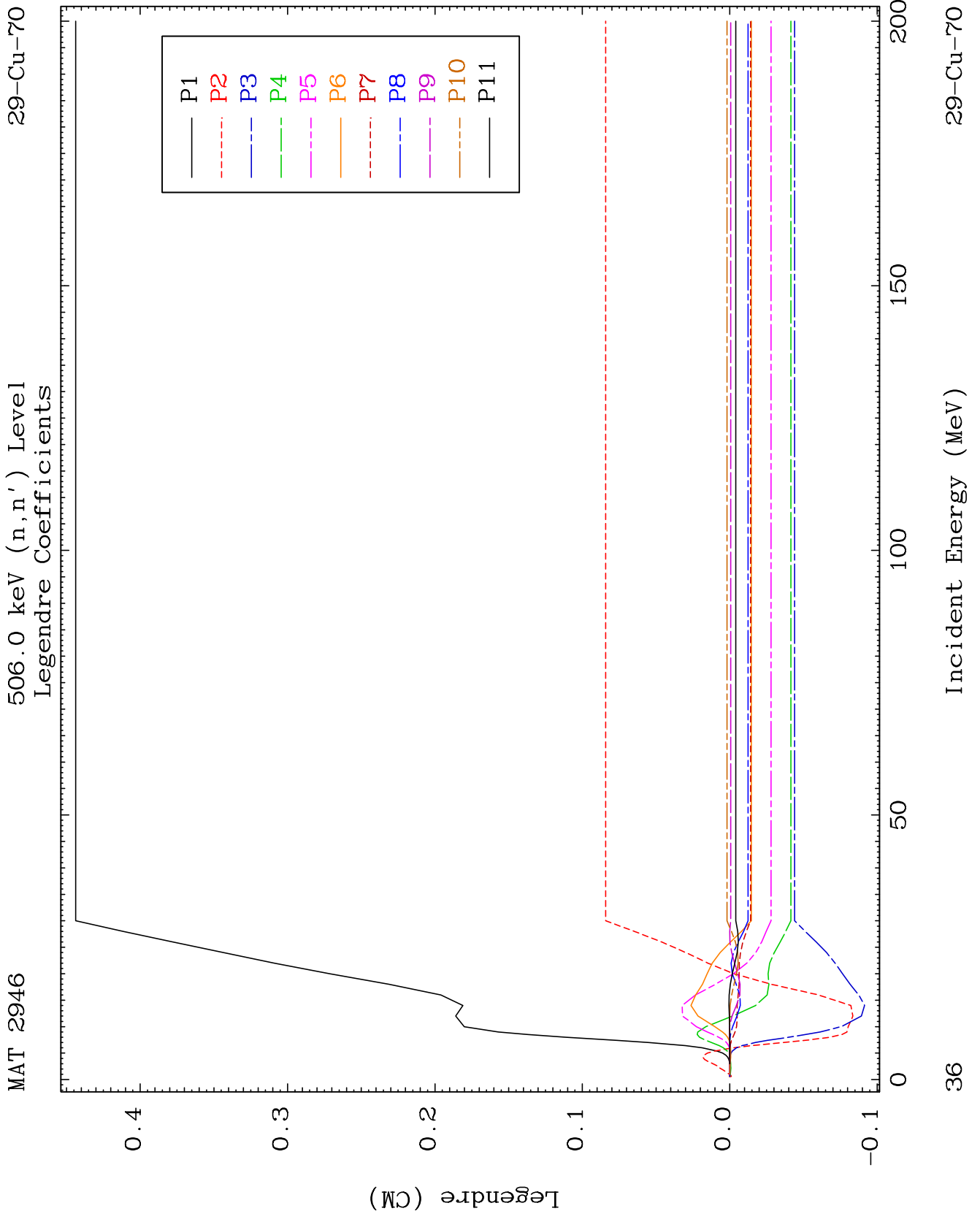
29-Cu-70

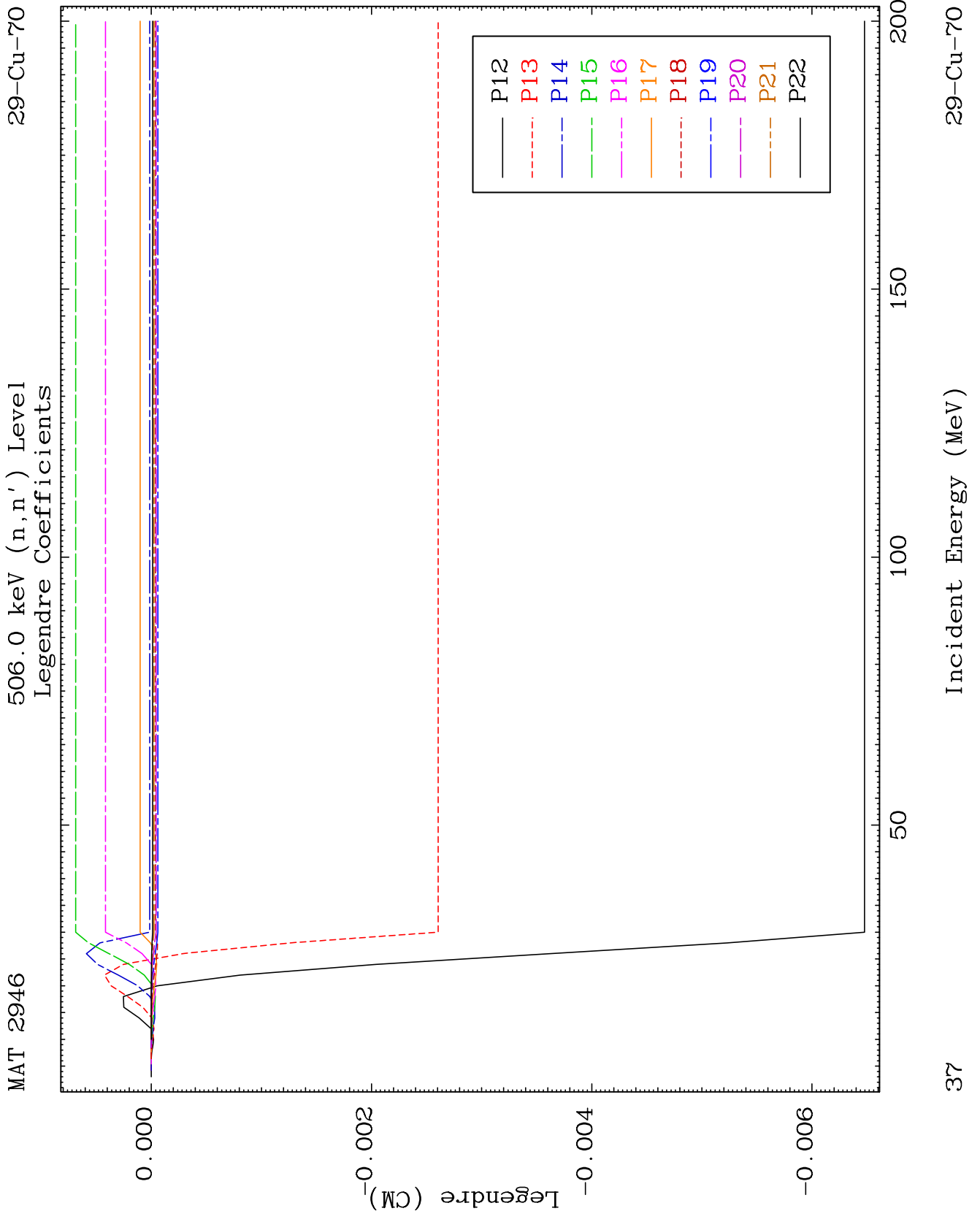


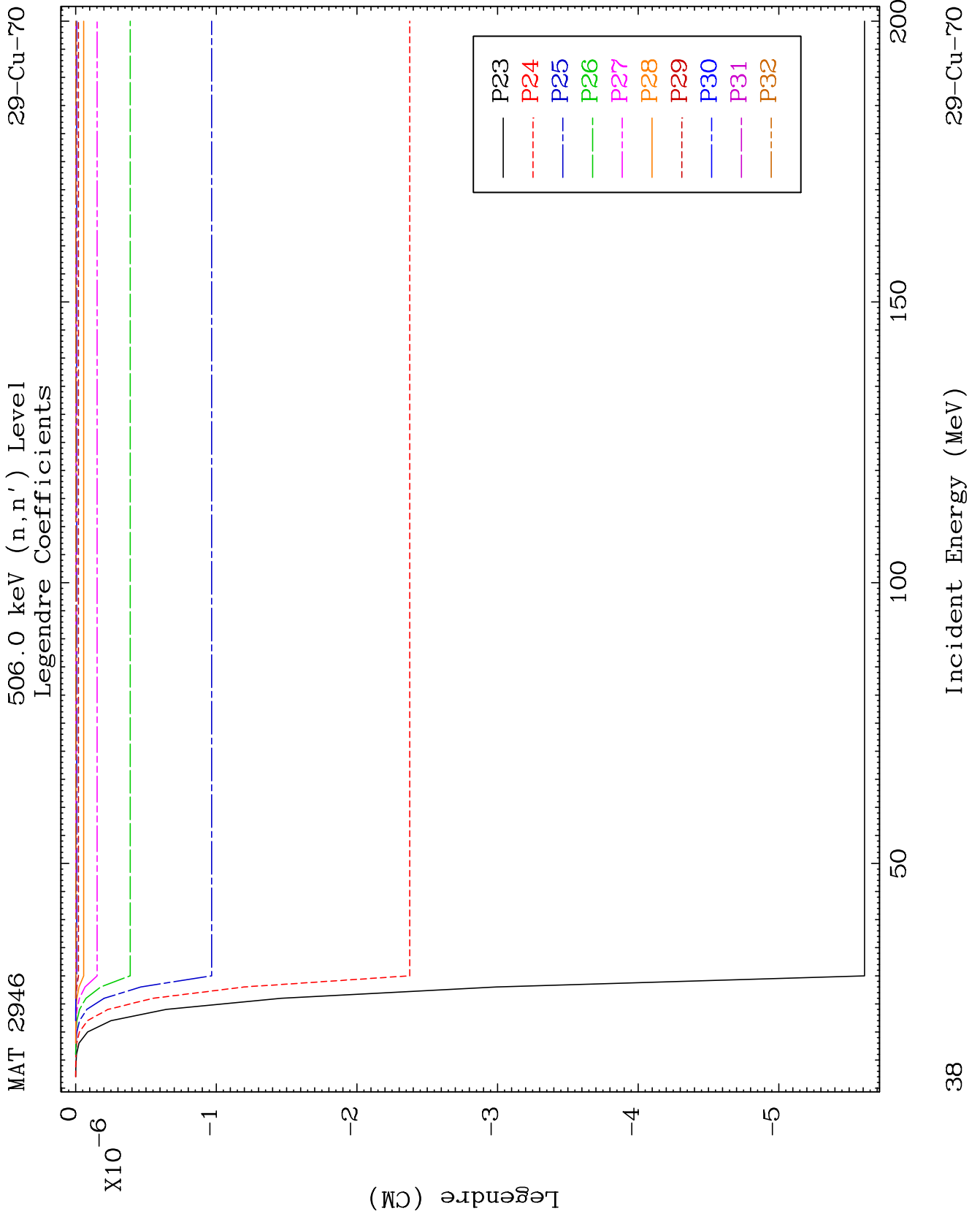
35

Incident Energy (MeV)

29-Cu-70



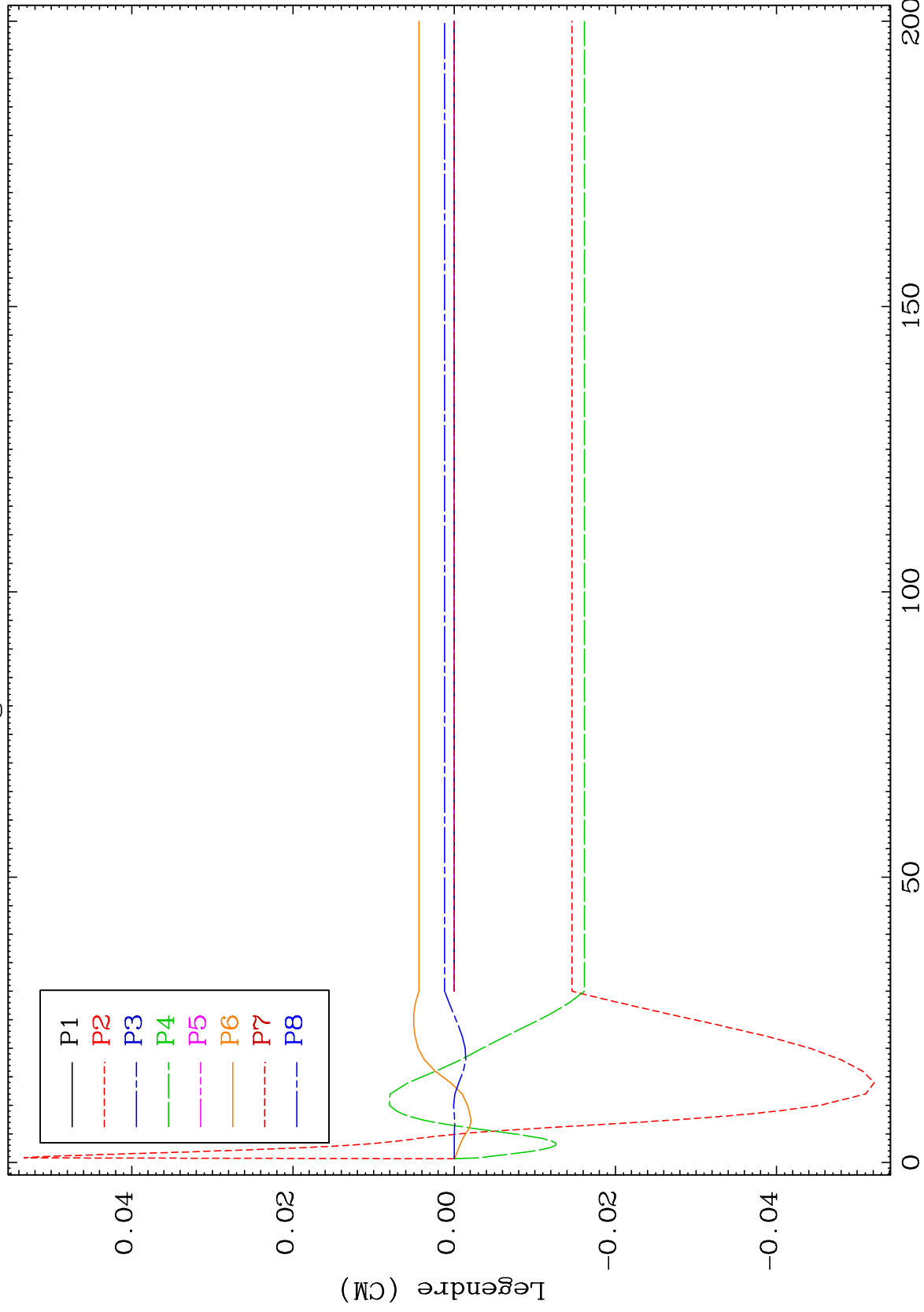




MAT 2946

628.1 keV (n,n') Level
Legendre Coefficients

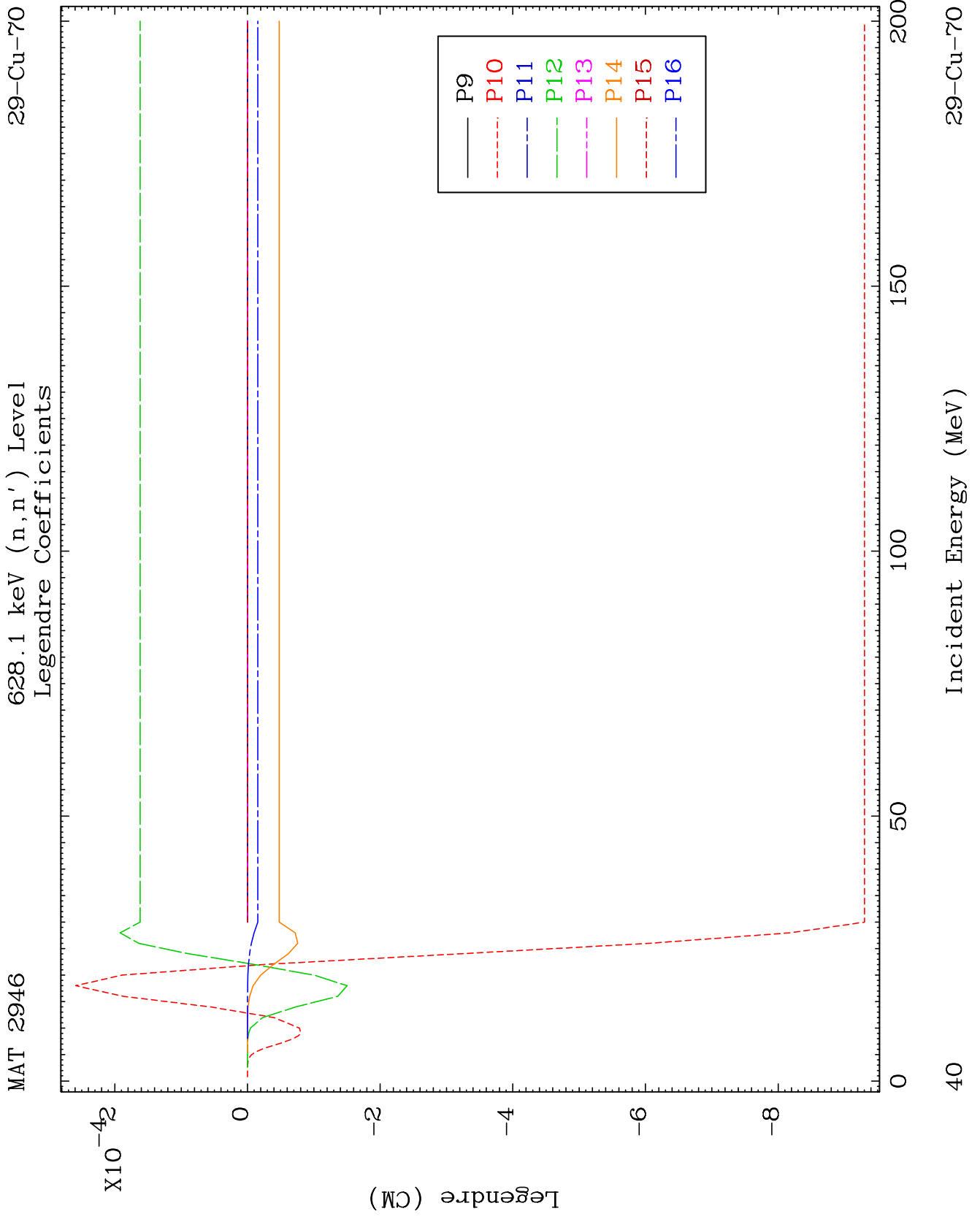
29-Cu-70

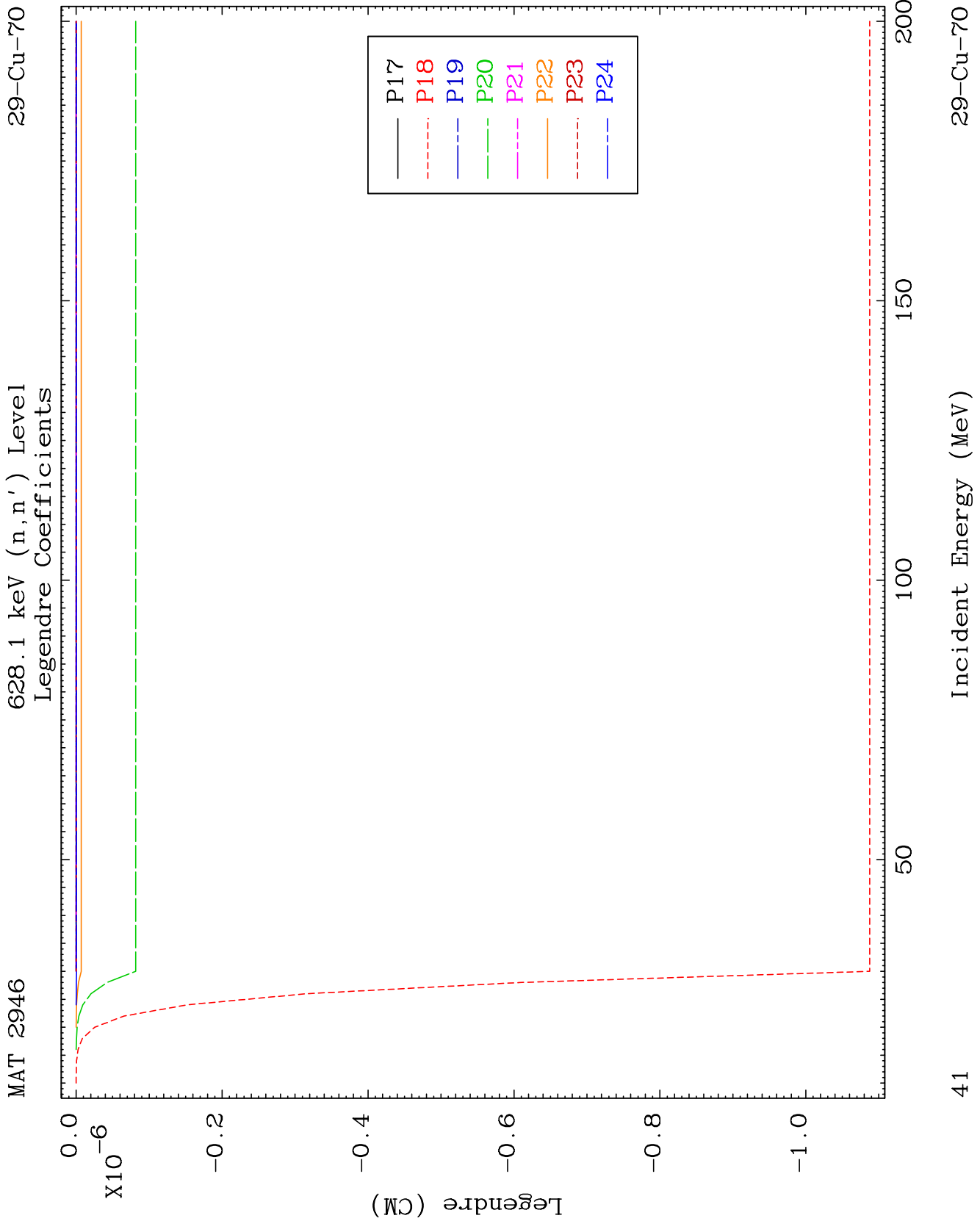


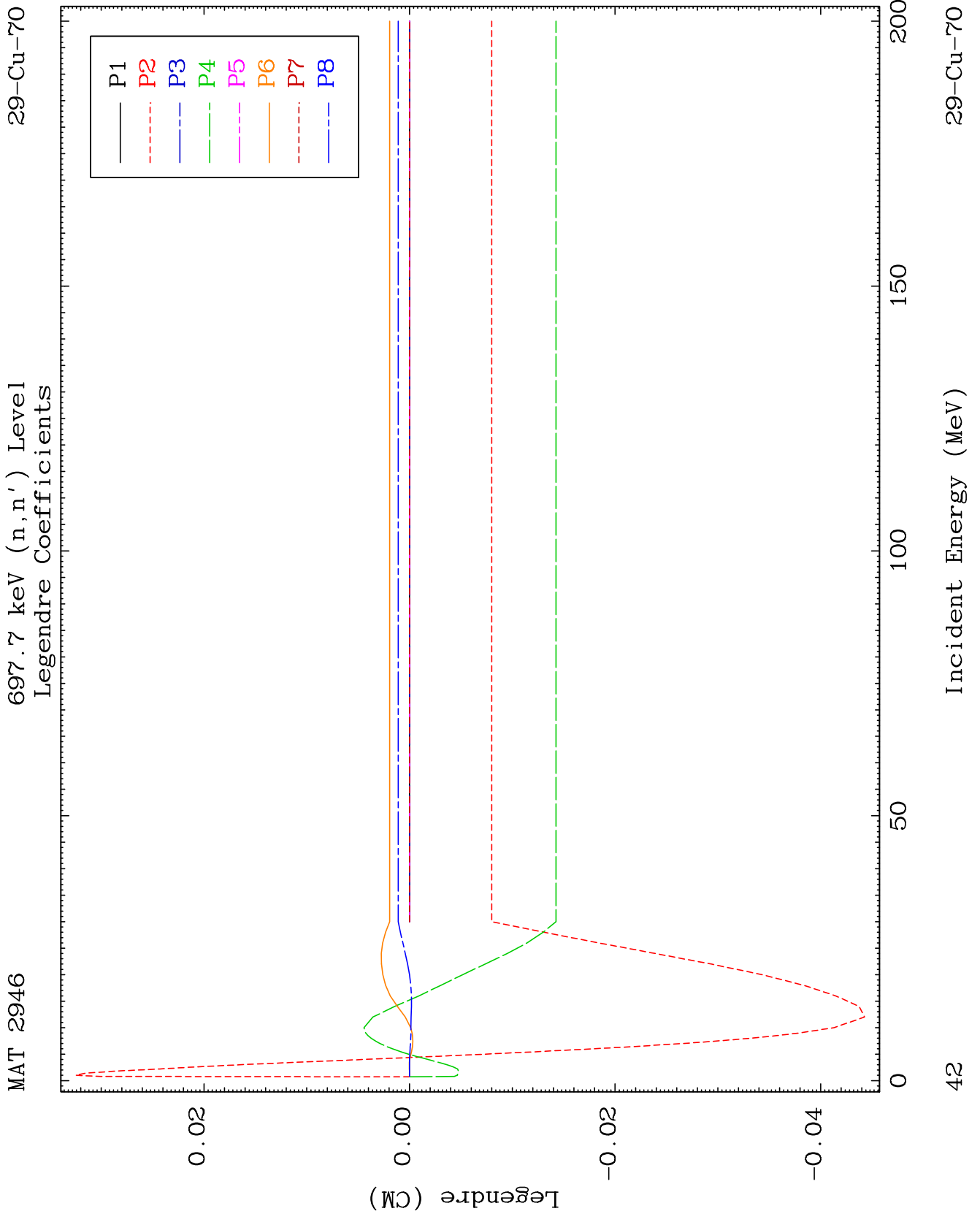
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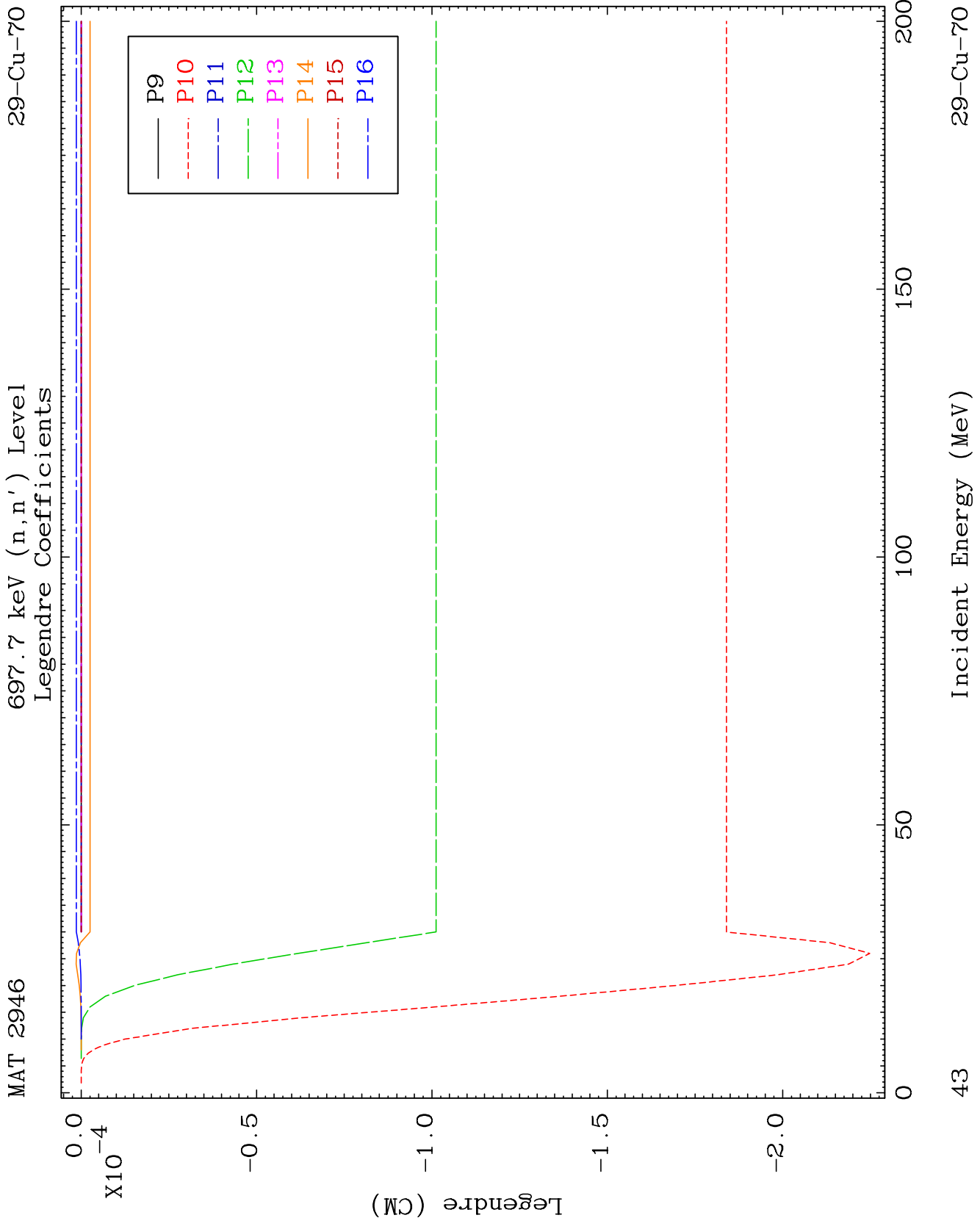
Incident Energy (MeV)

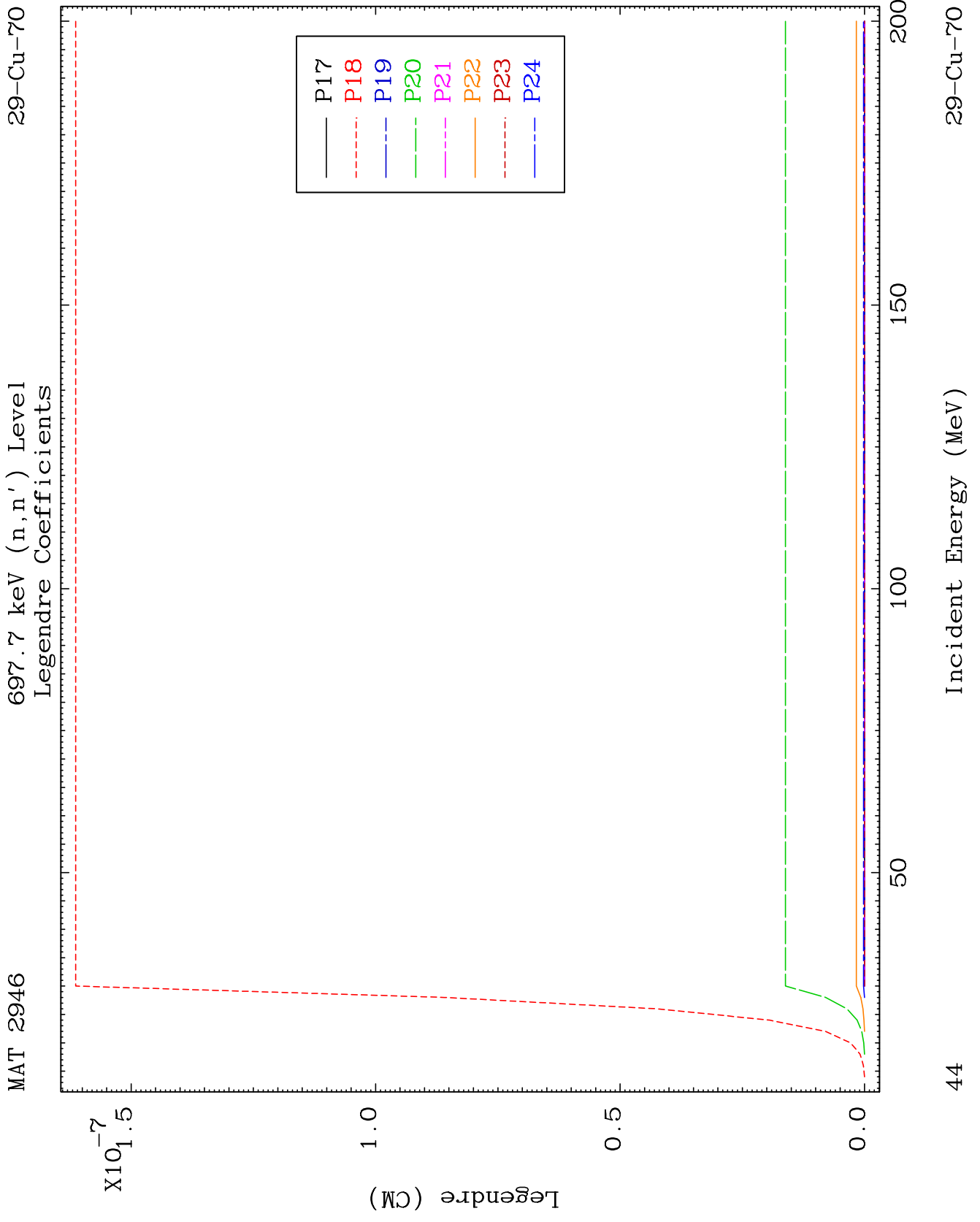
29-Cu-70

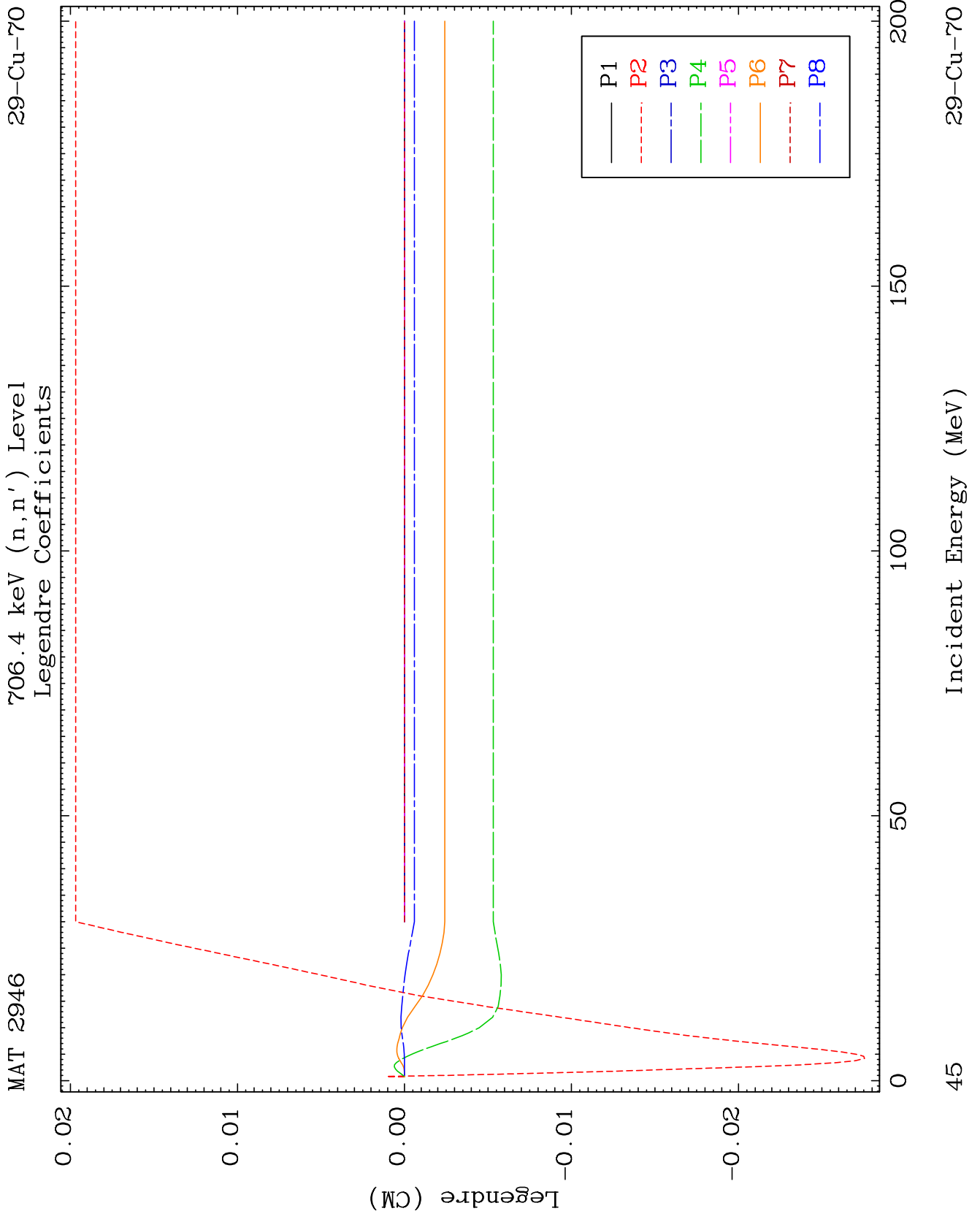


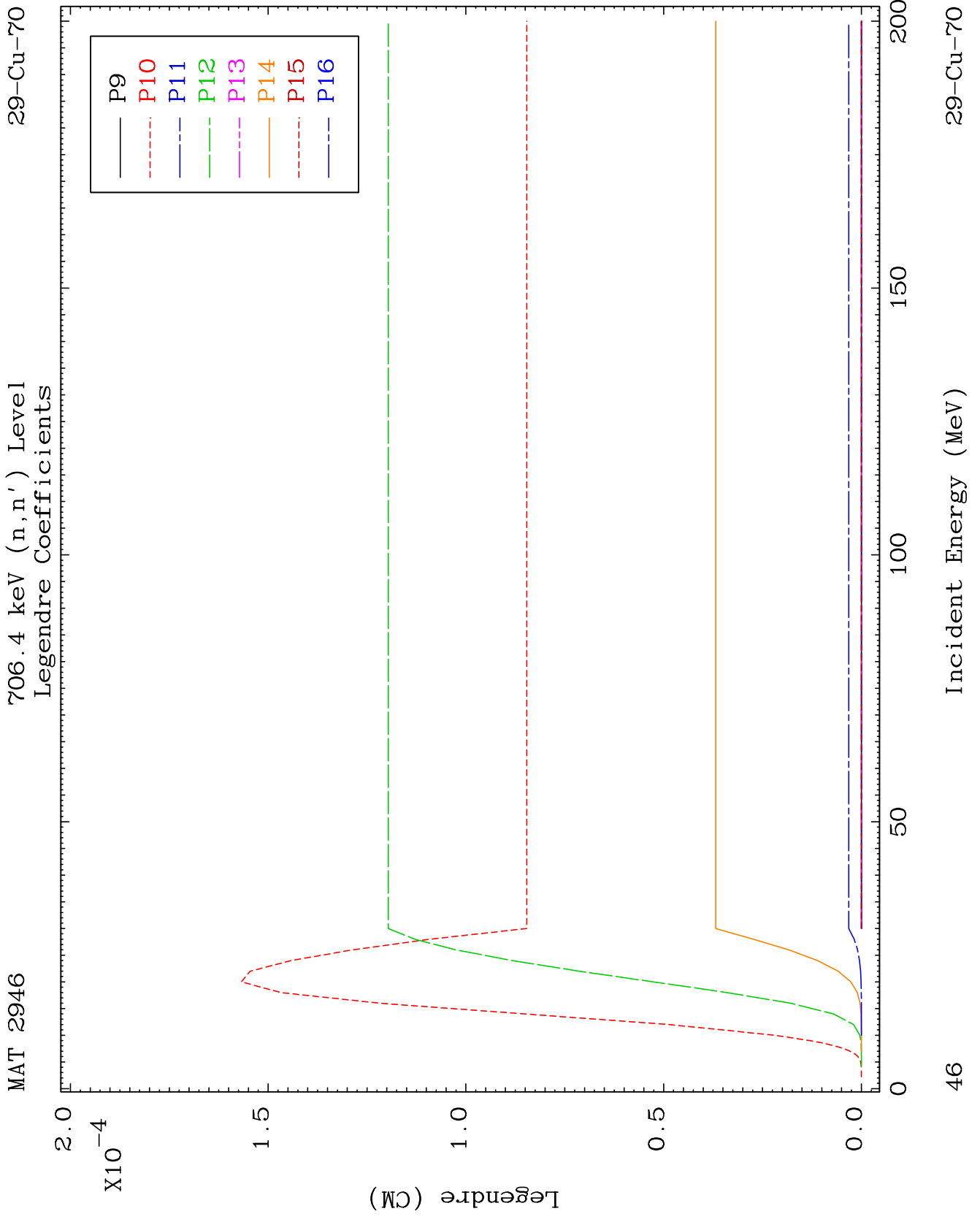


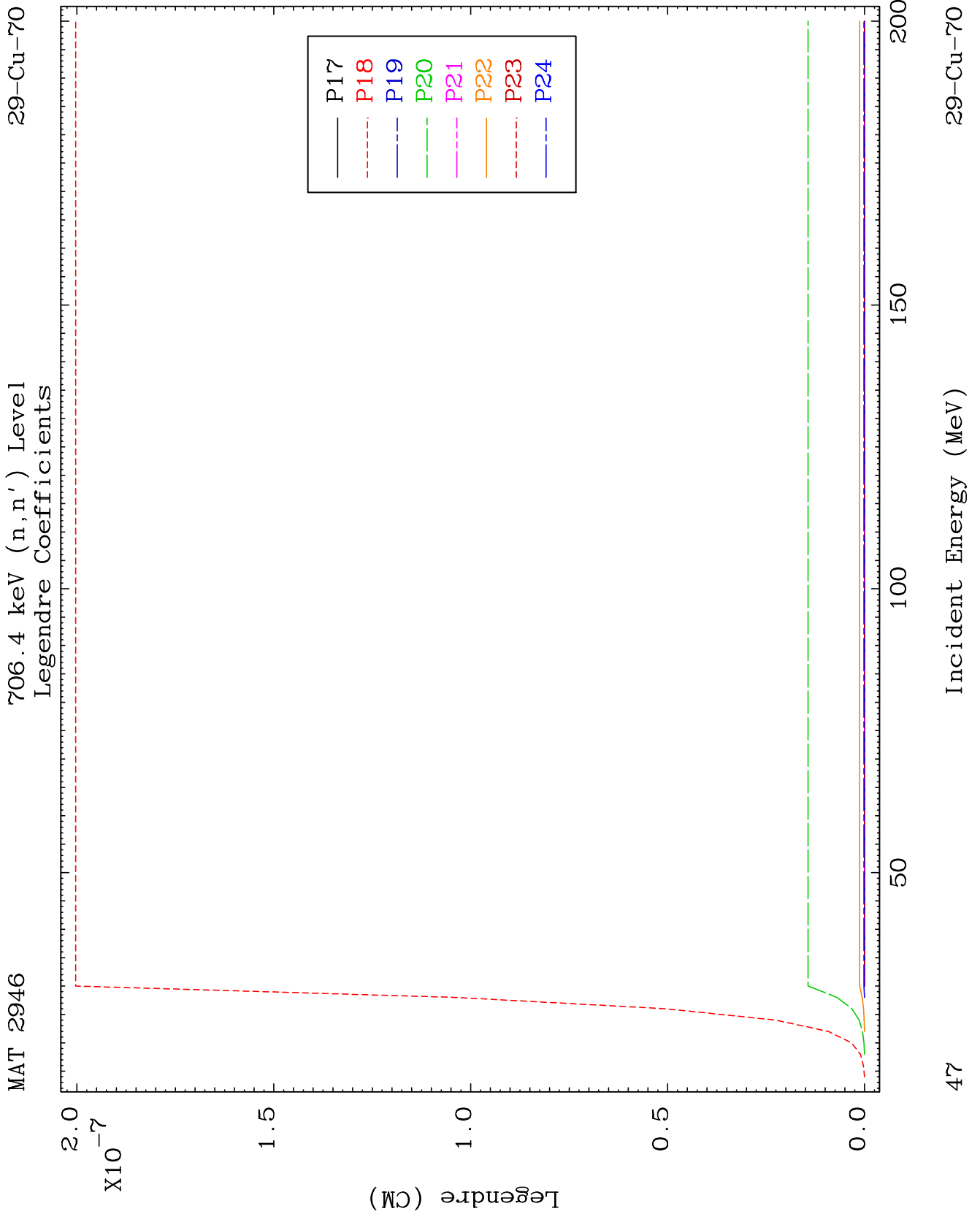








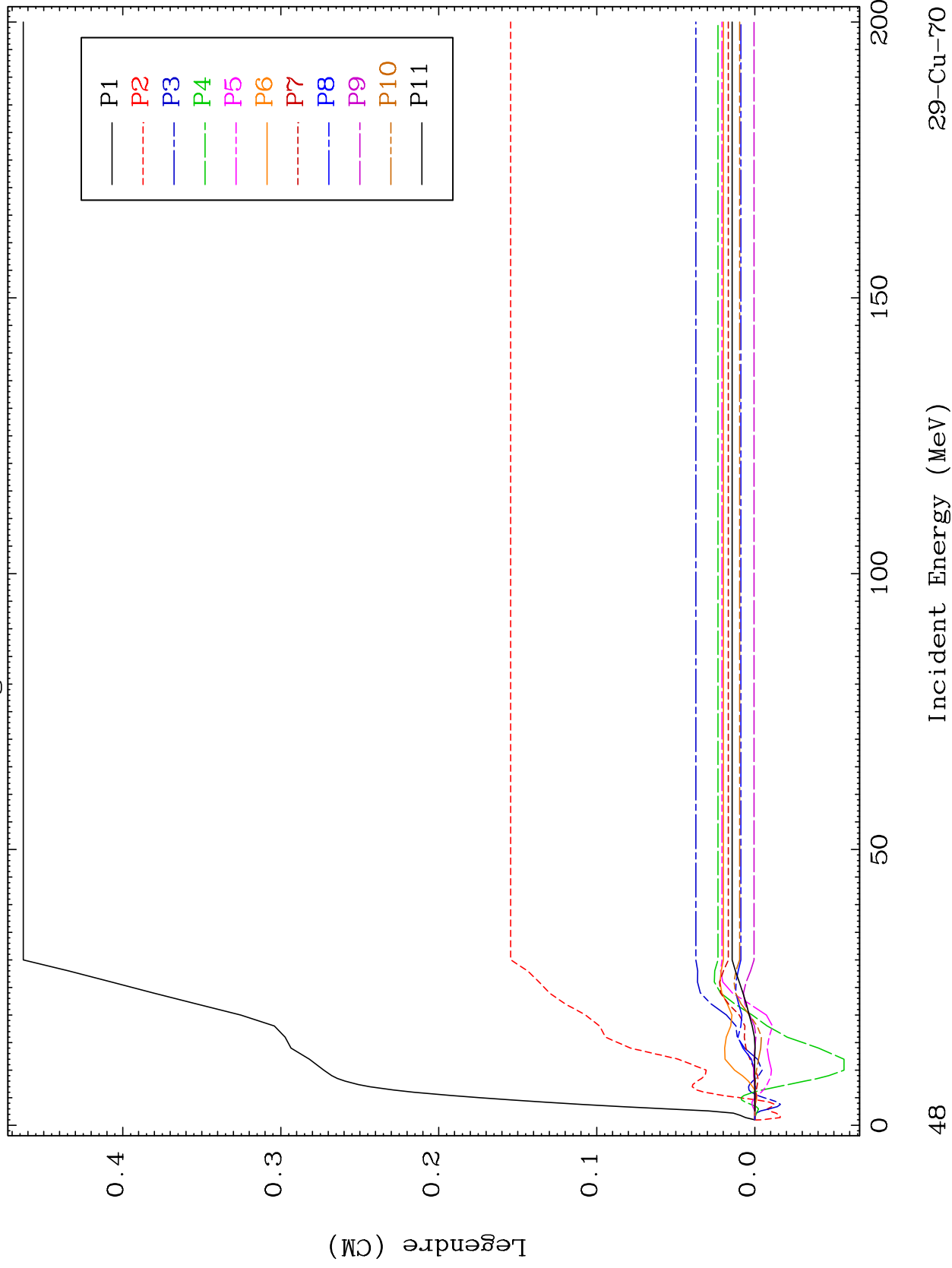




MAT 2946

938.8 keV (n,n') Level
Legendre Coefficients

29-Cu-70



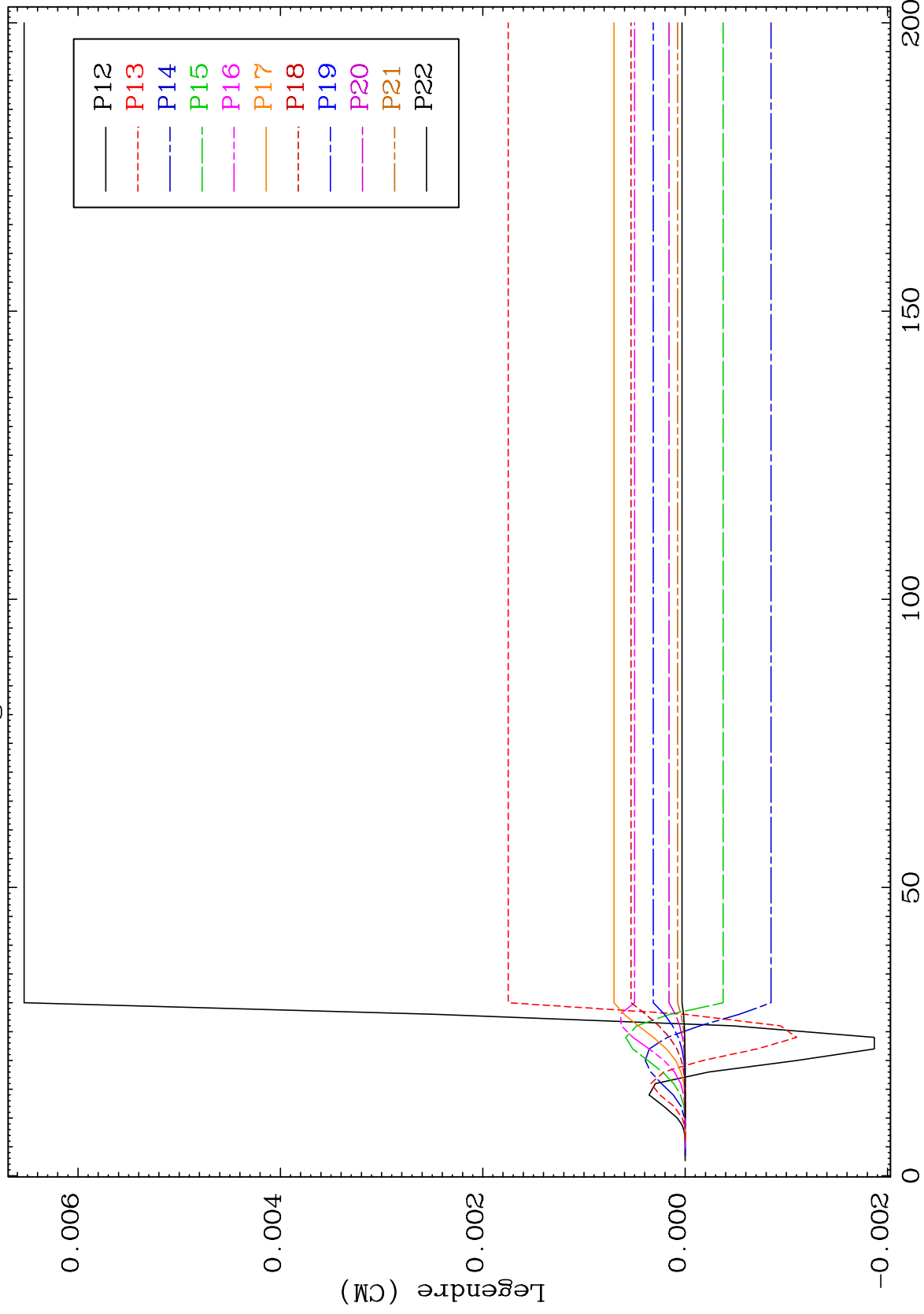
48

29-Cu-70

MAT 2946

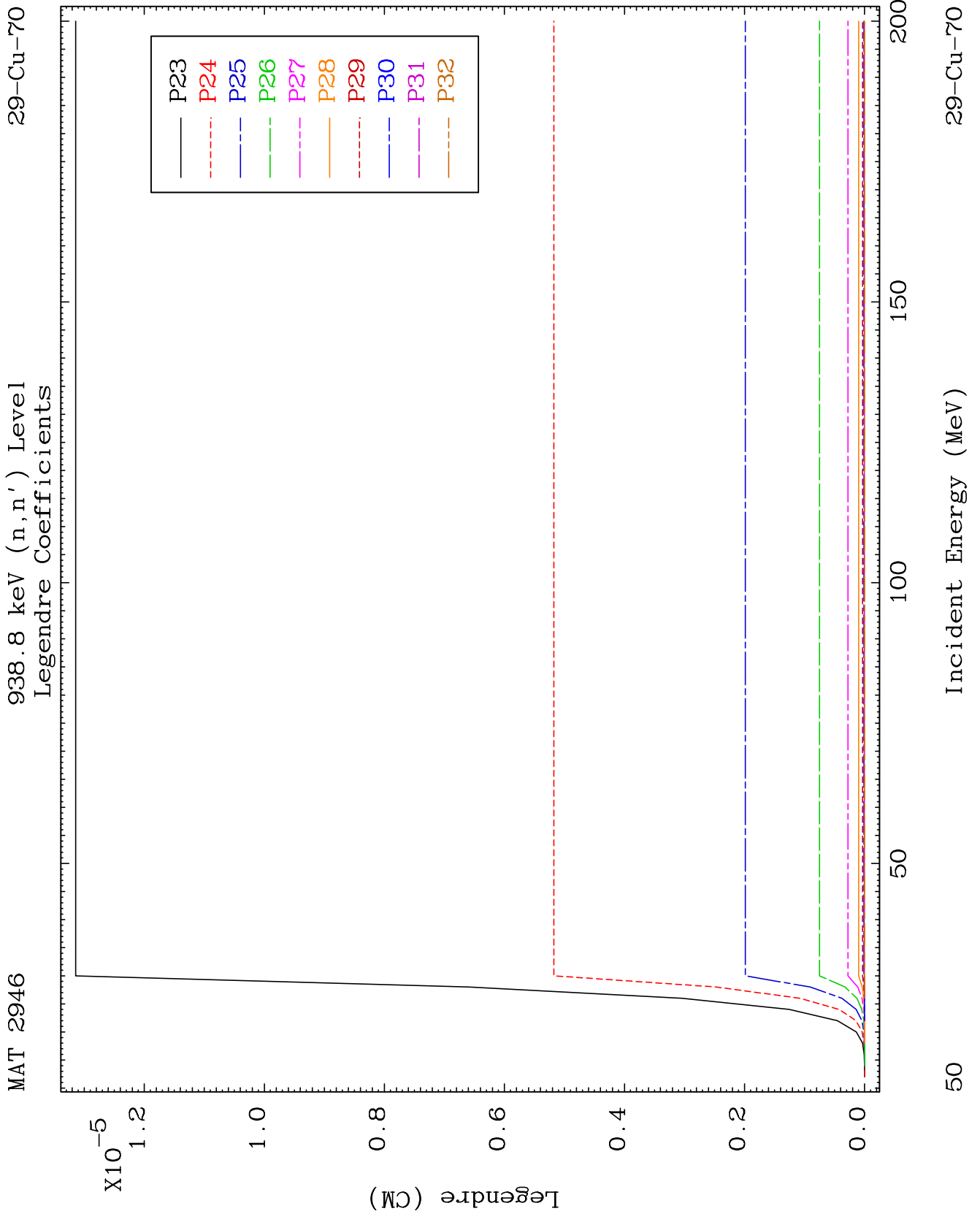
938.8 keV (n,n') Level
Legendre Coefficients

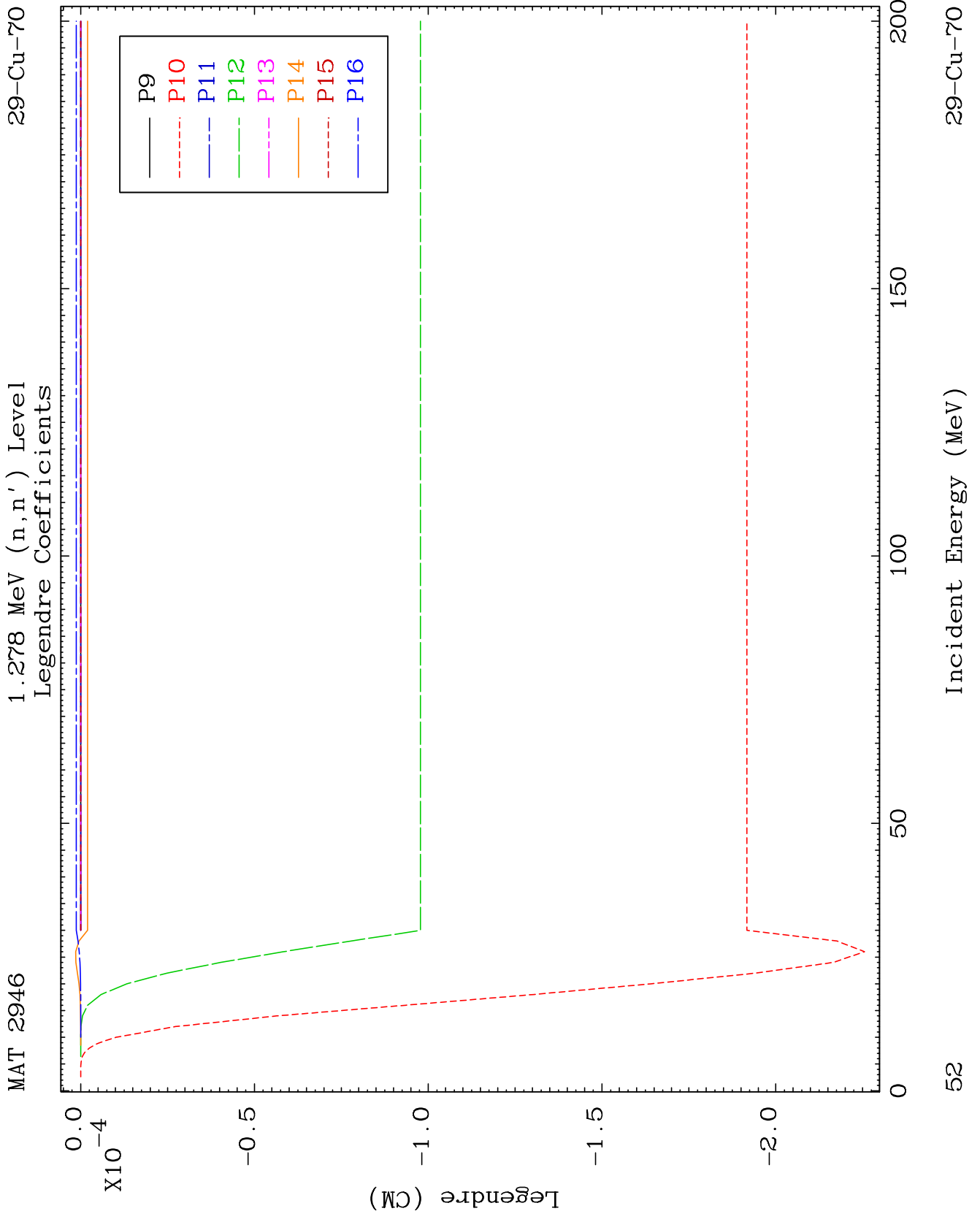
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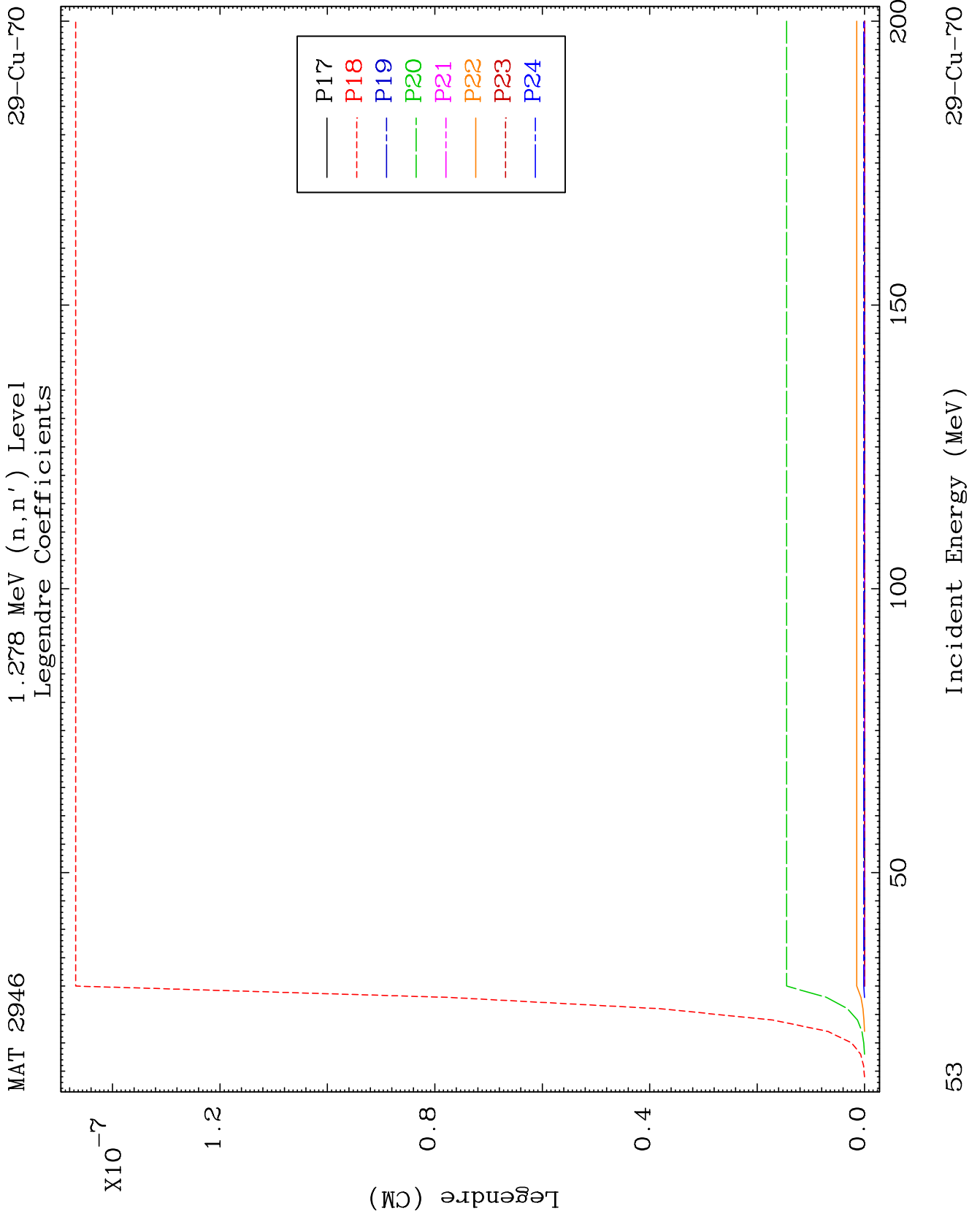


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29-Cu-70



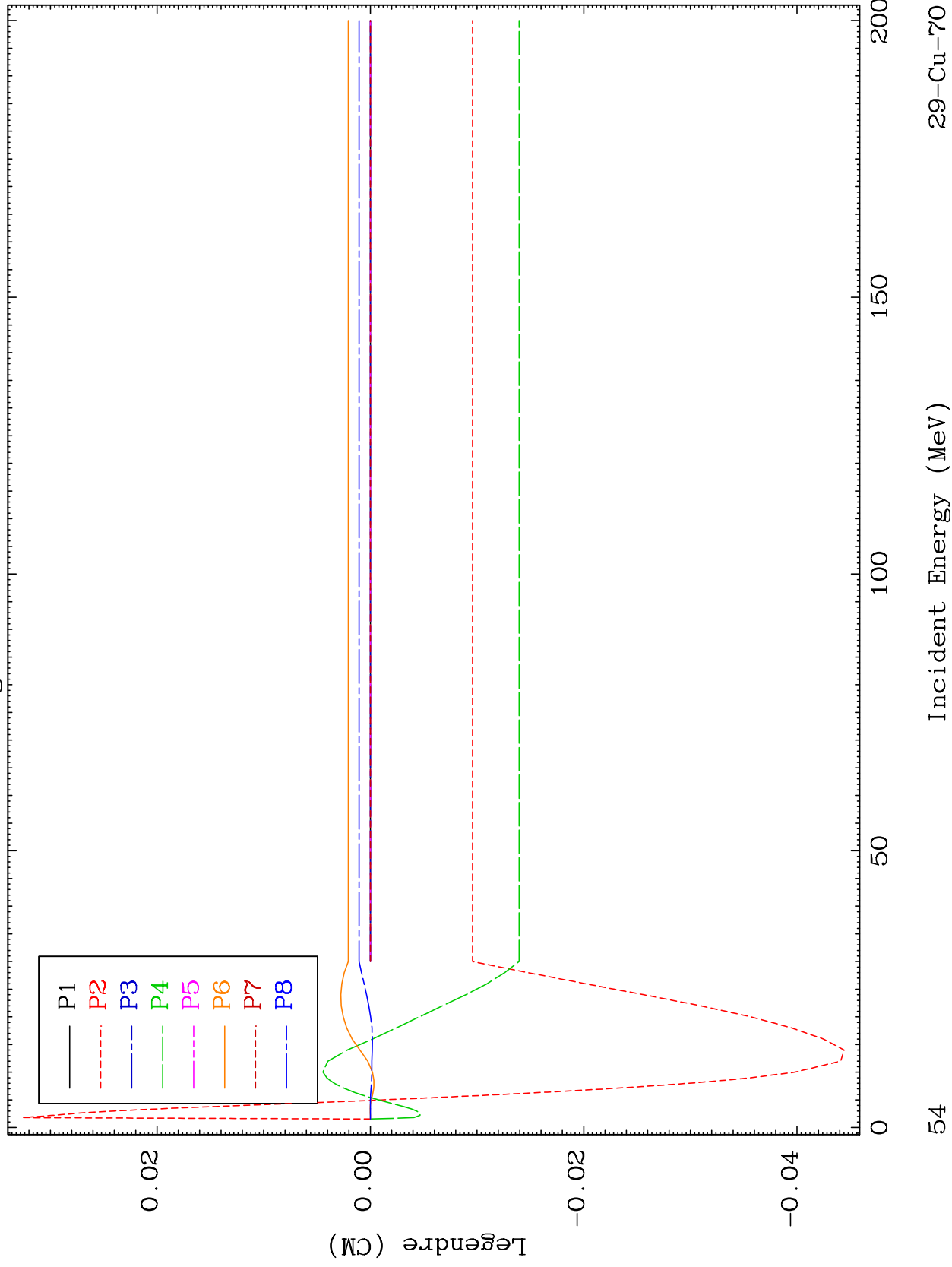


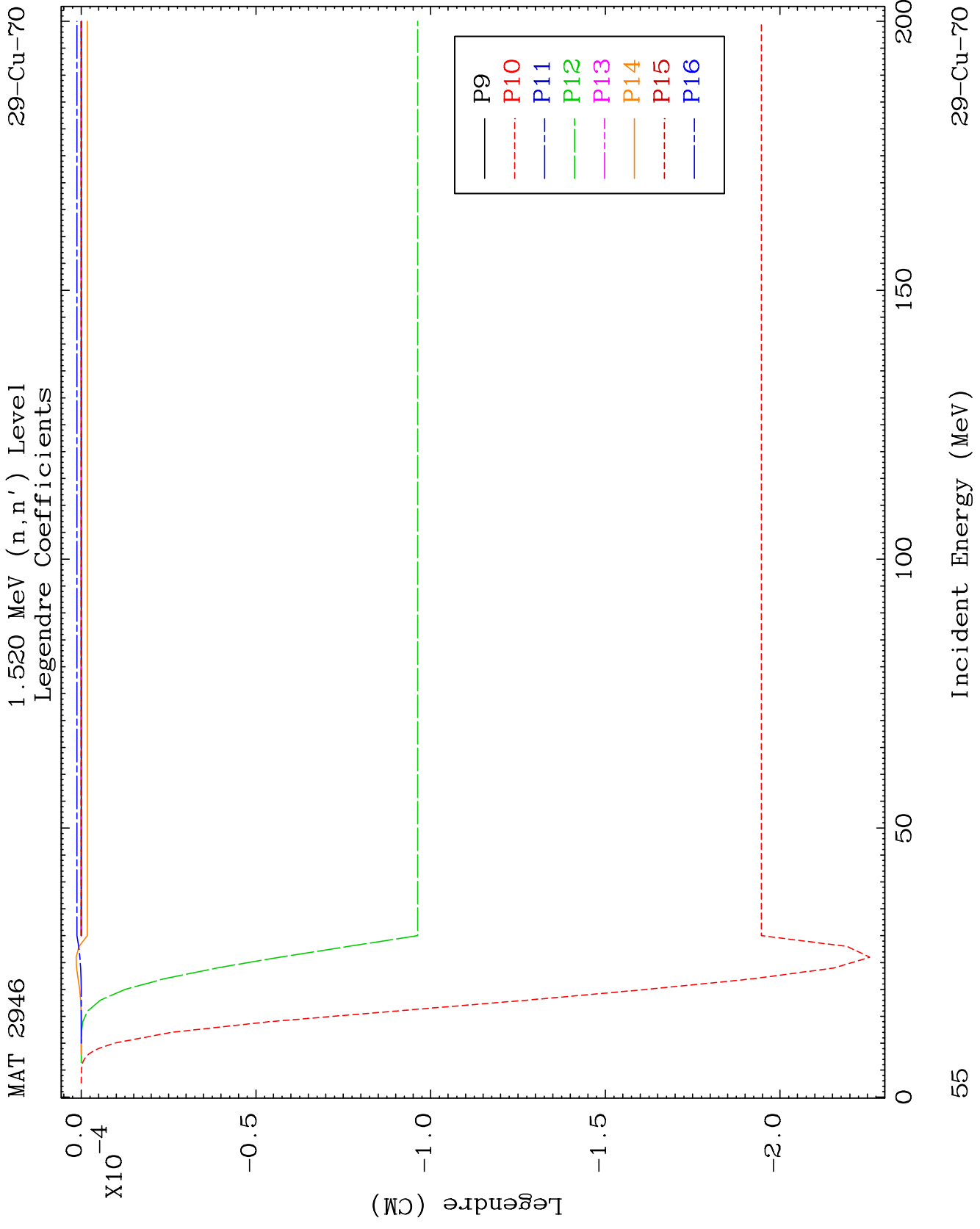


MAT 2946

1.520 MeV (n,n') Level
Legendre Coefficients

29-Cu-70

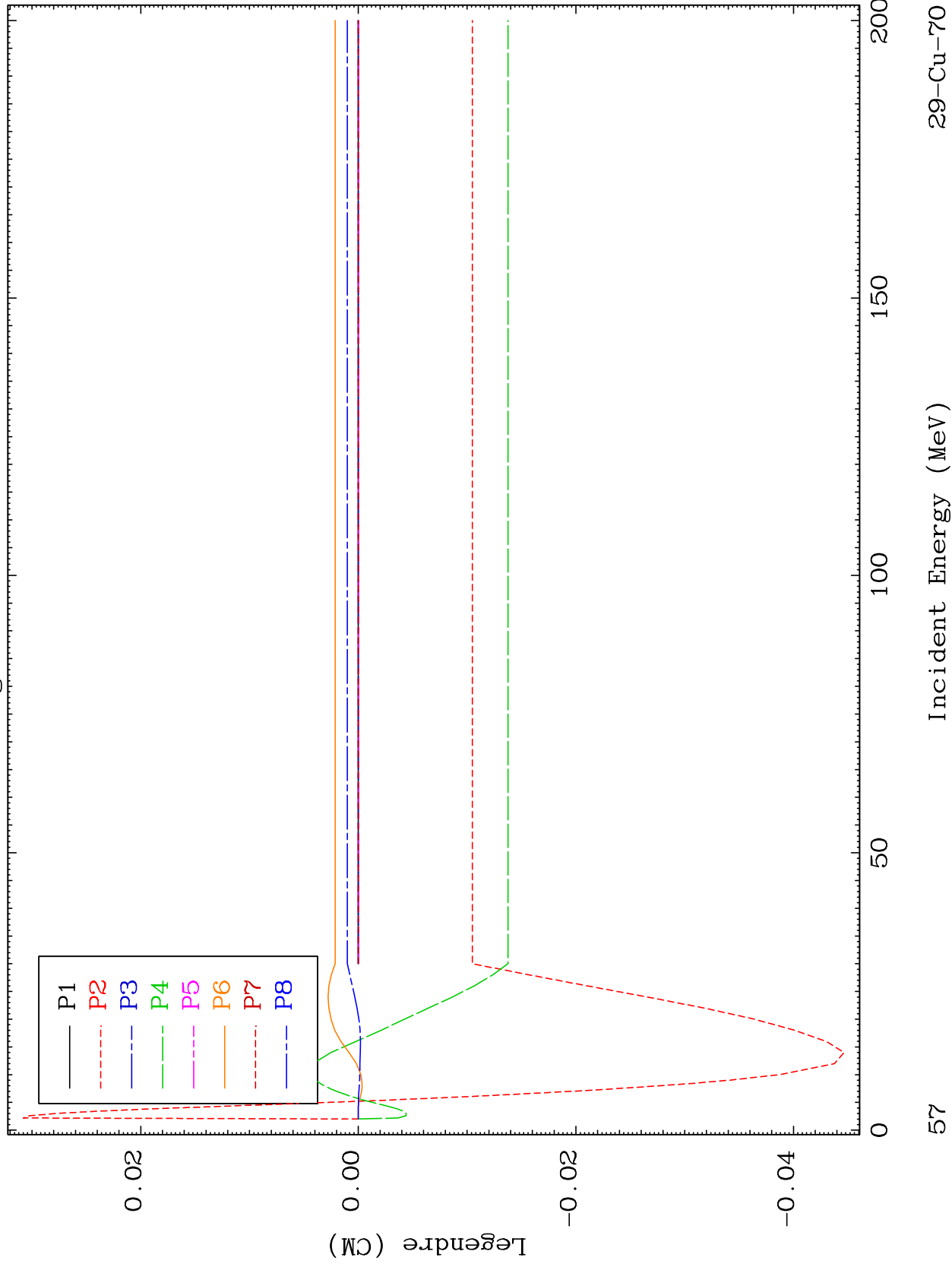




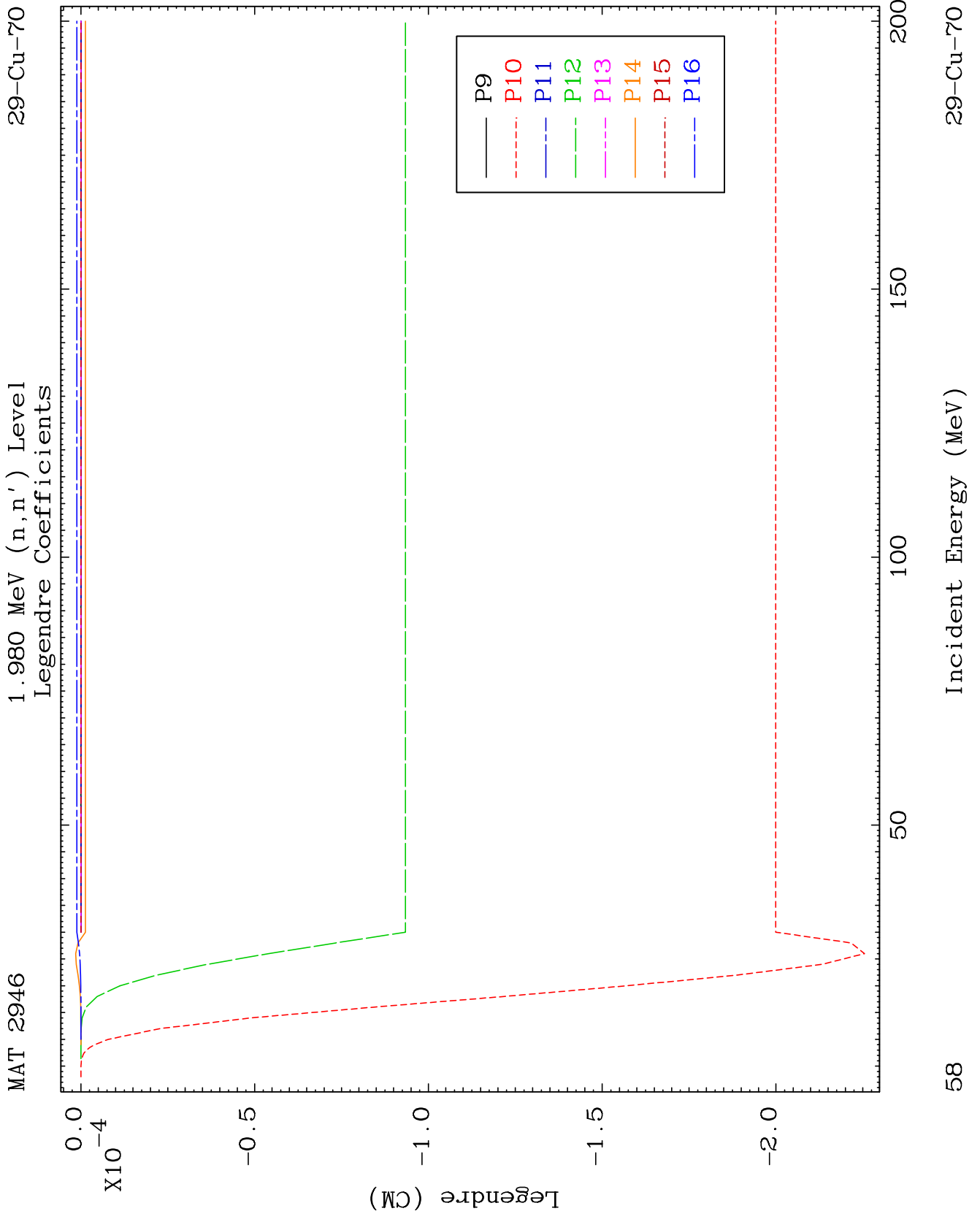
MAT 2946

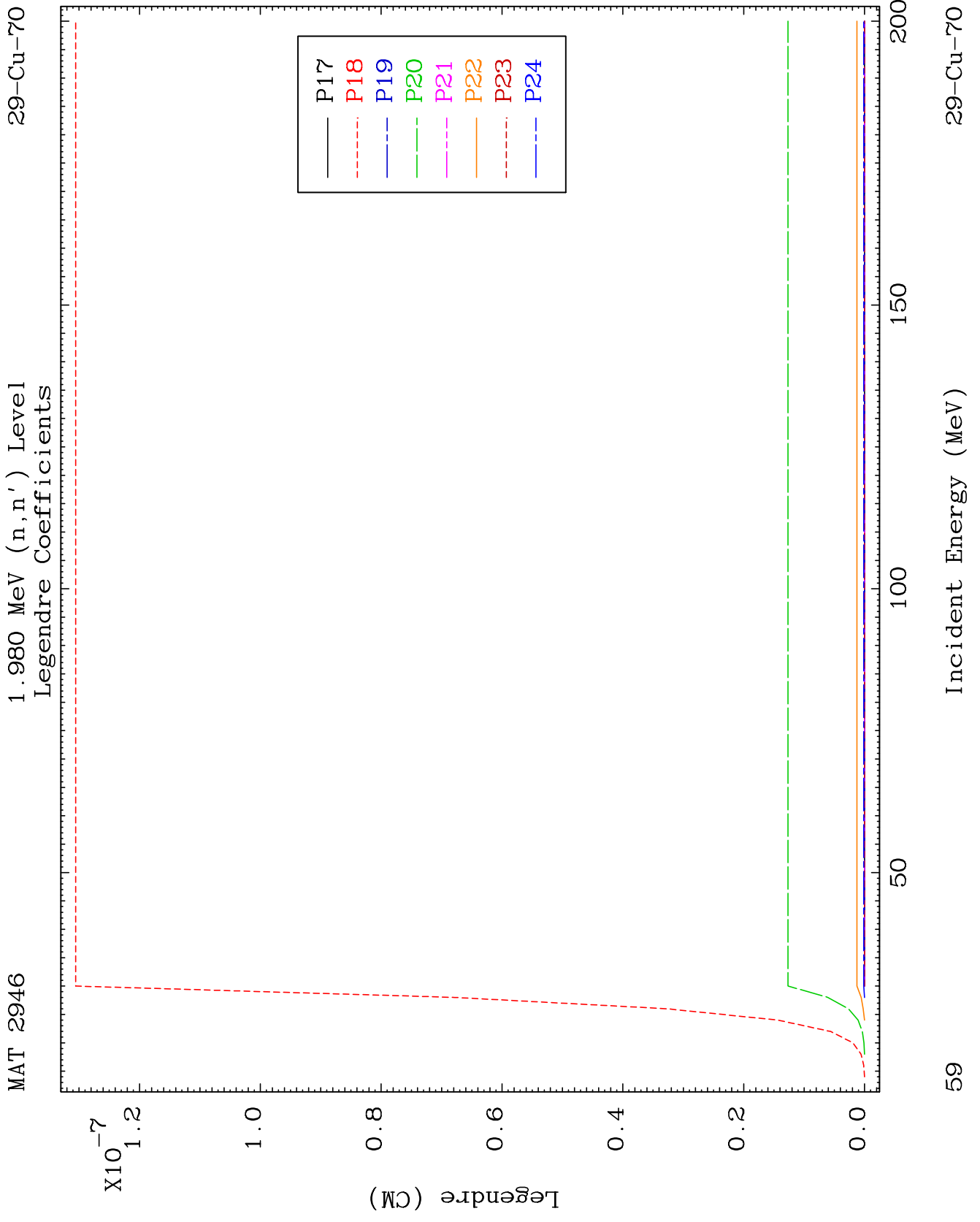
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Legendre Coefficients

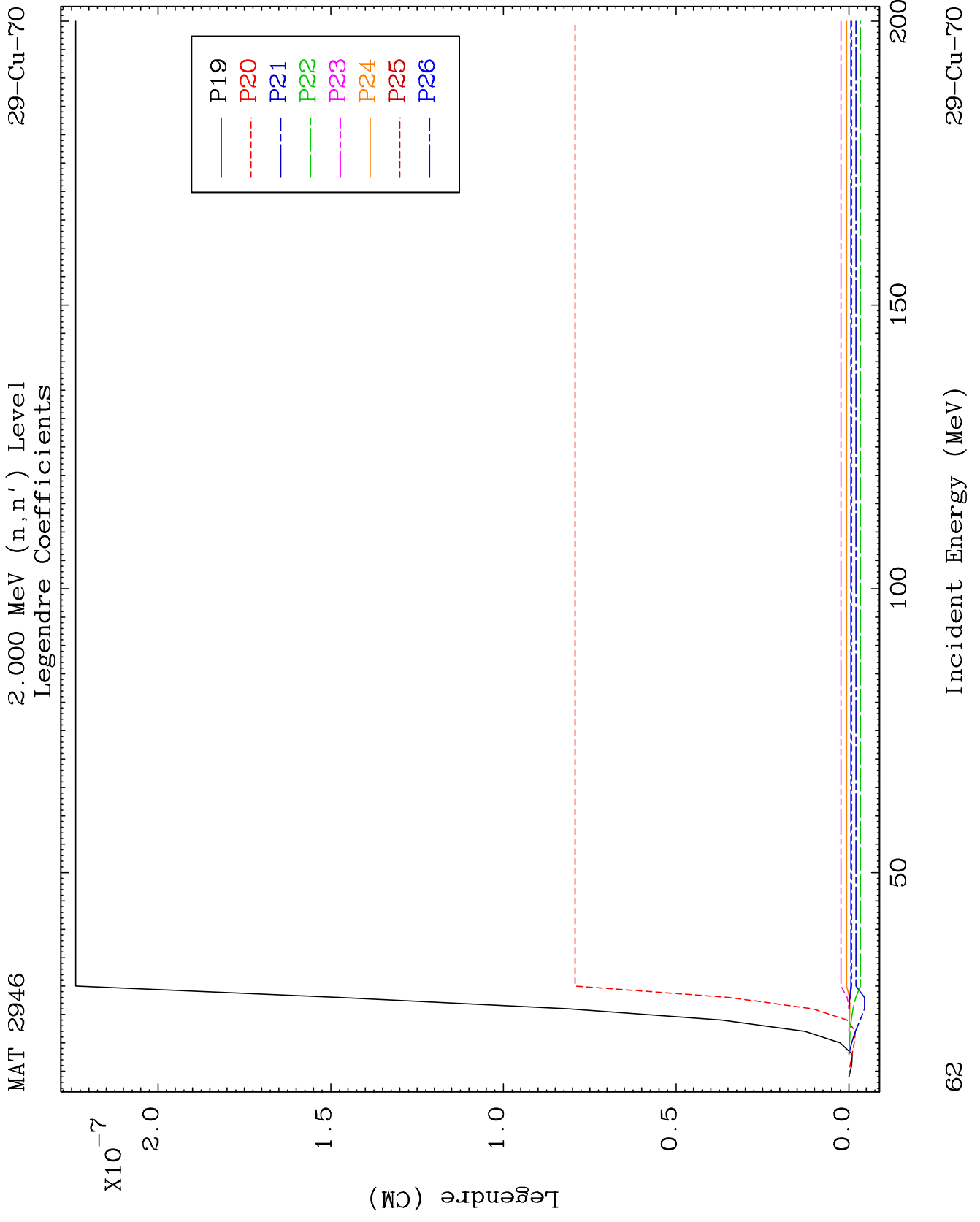
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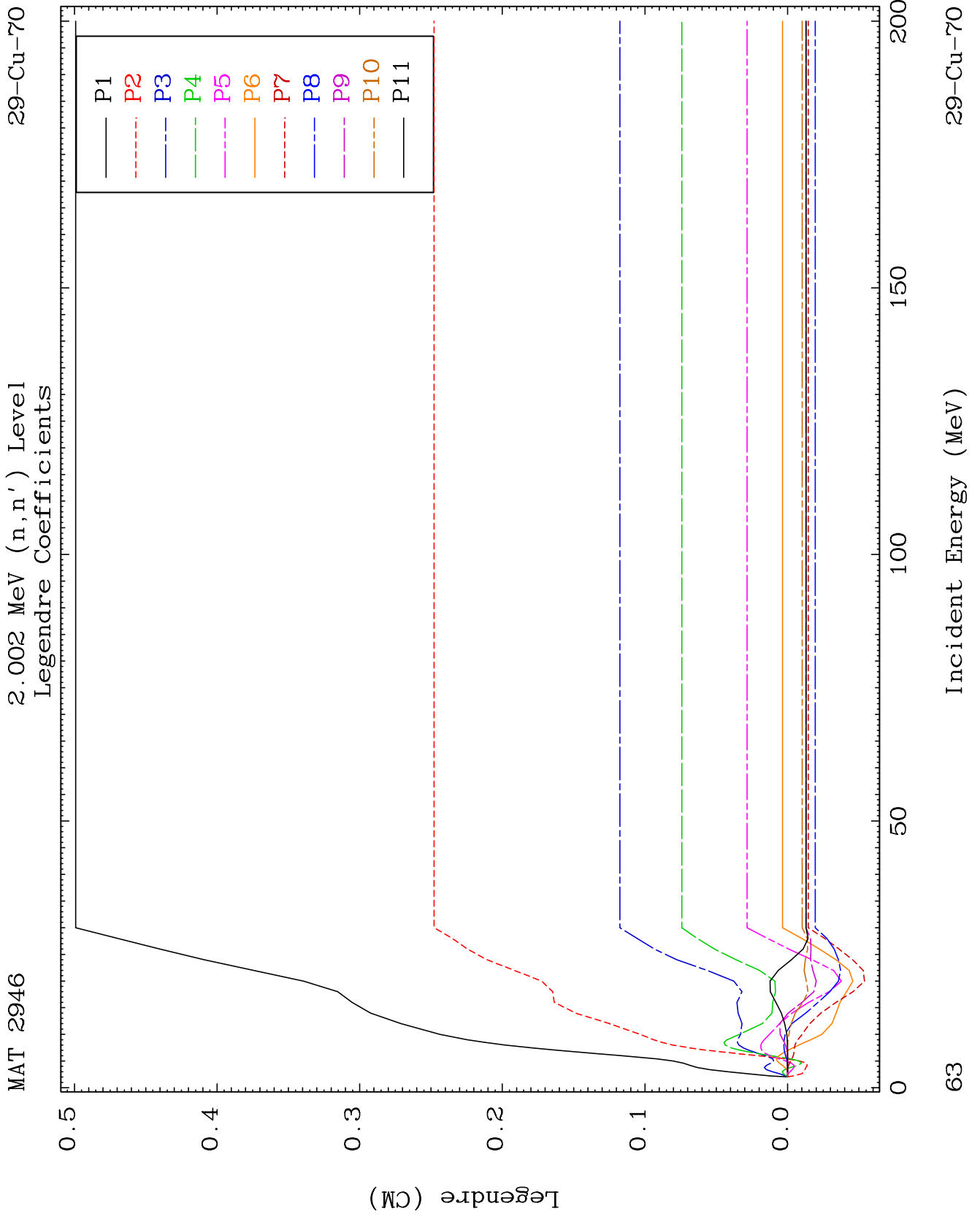


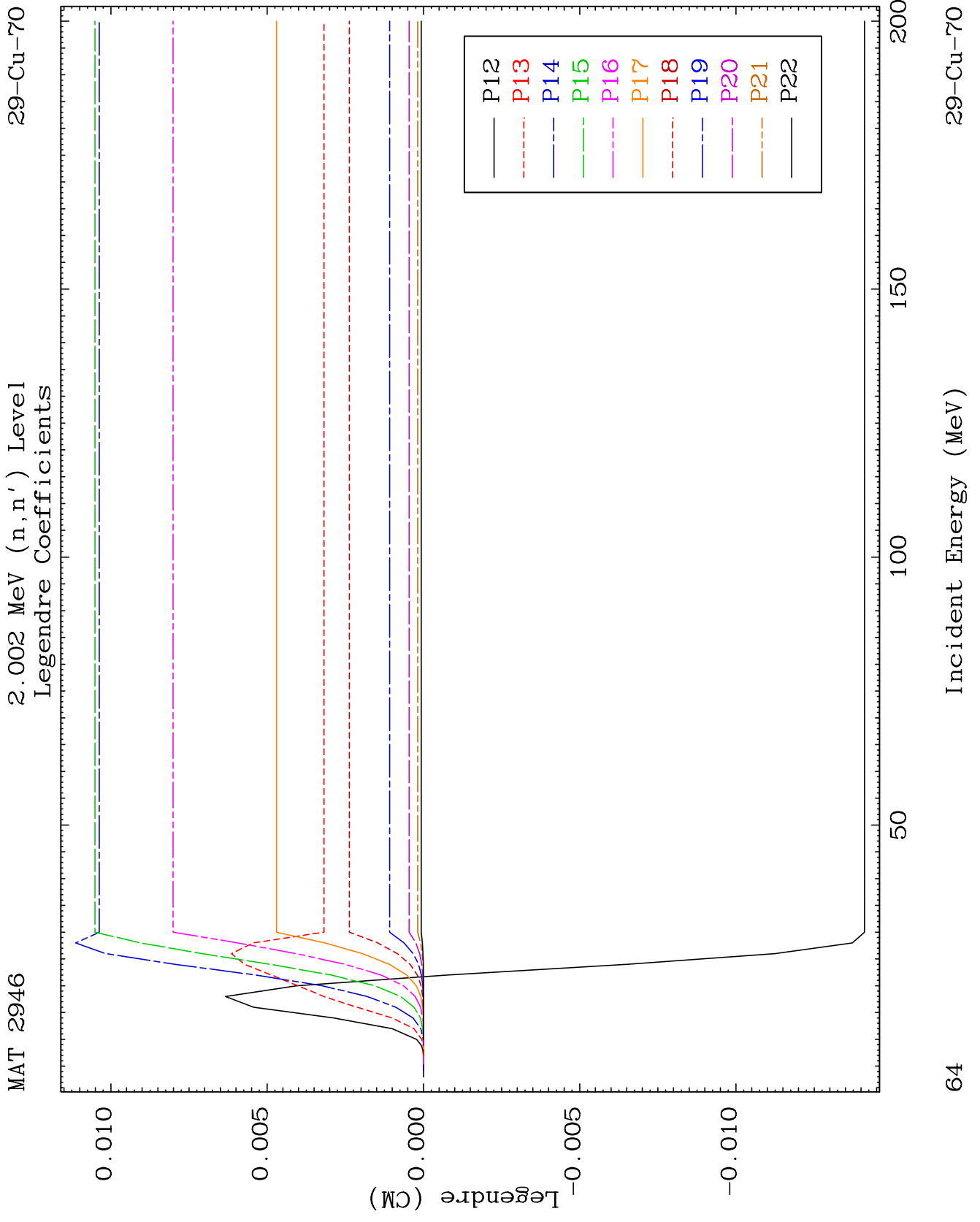
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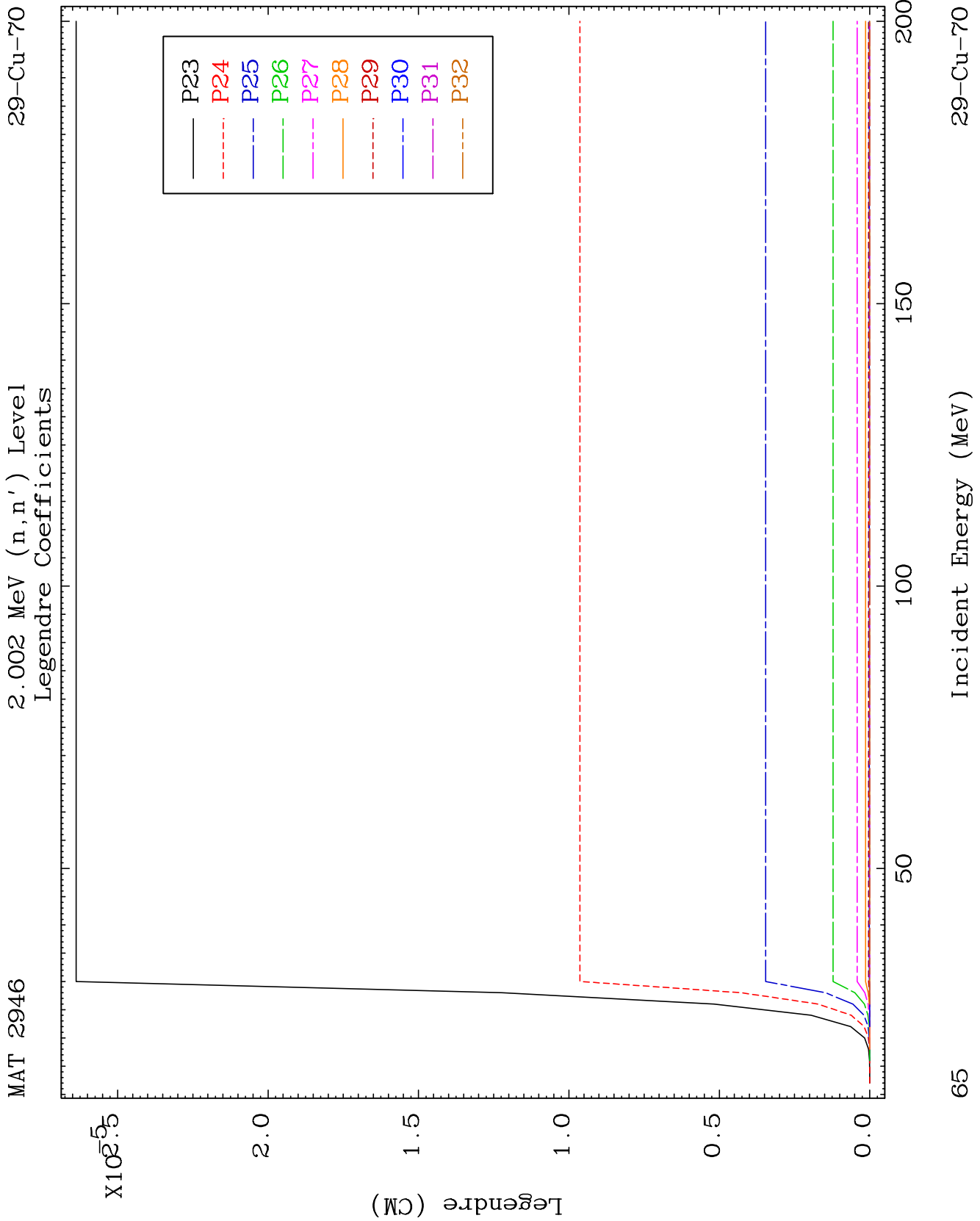


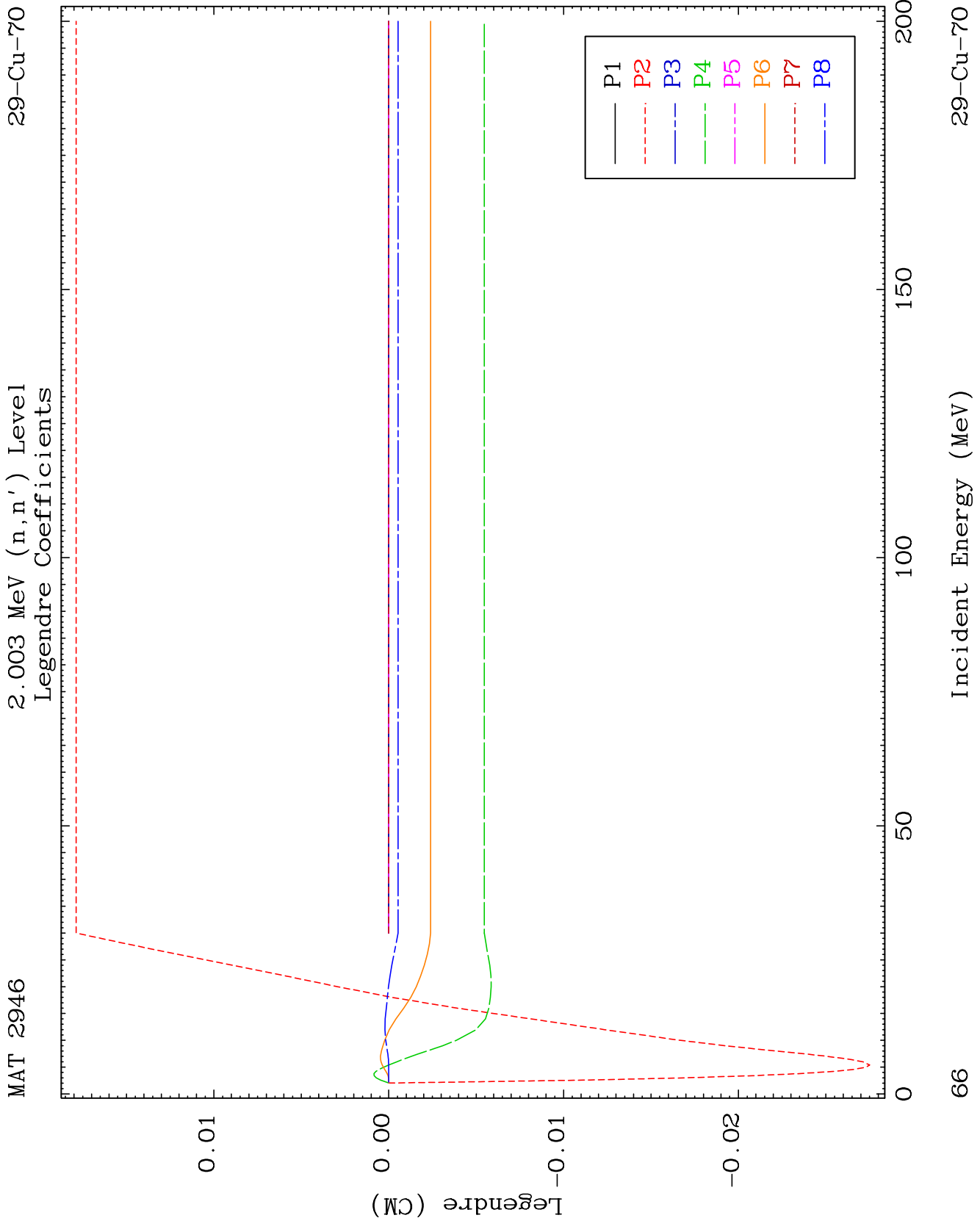


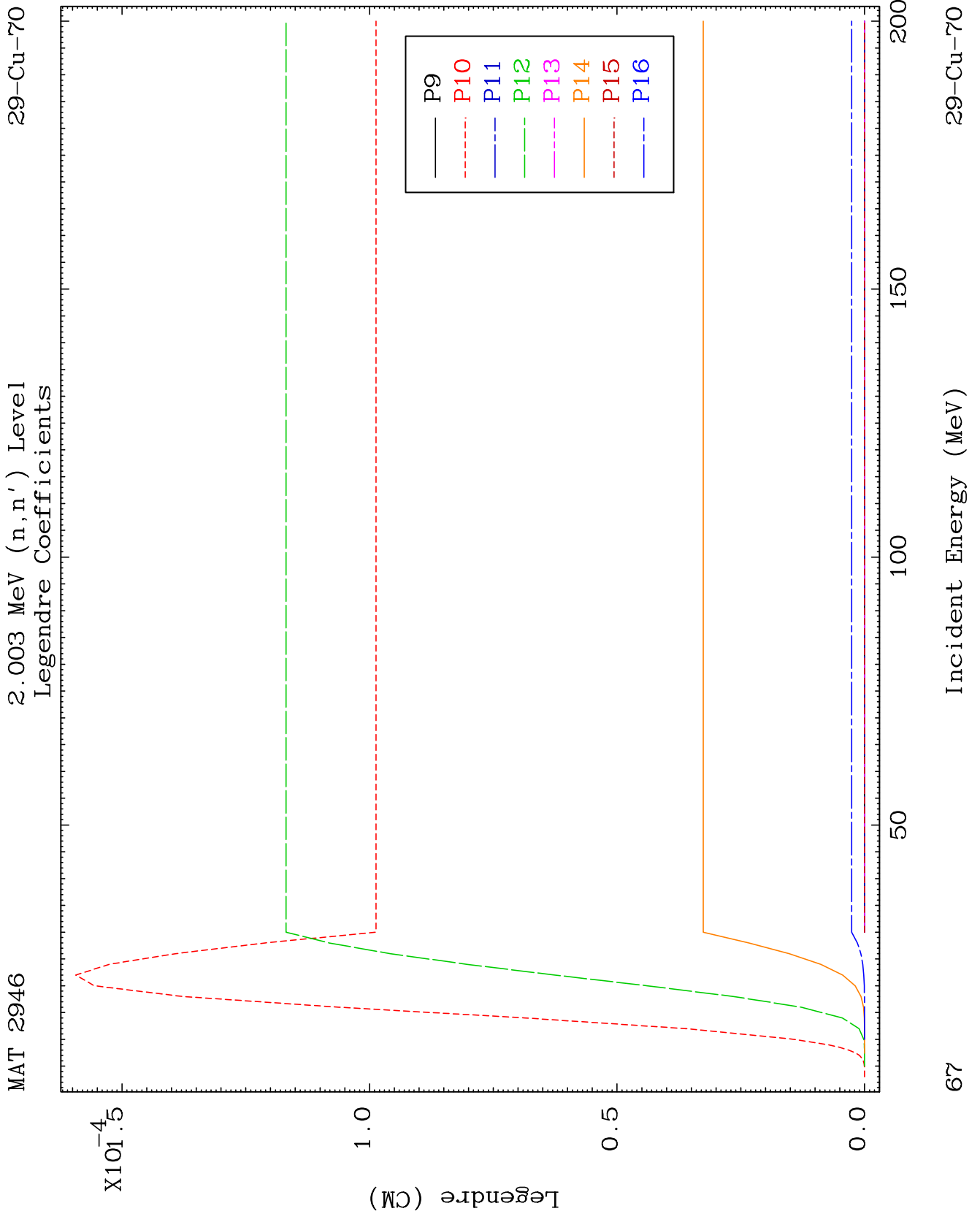


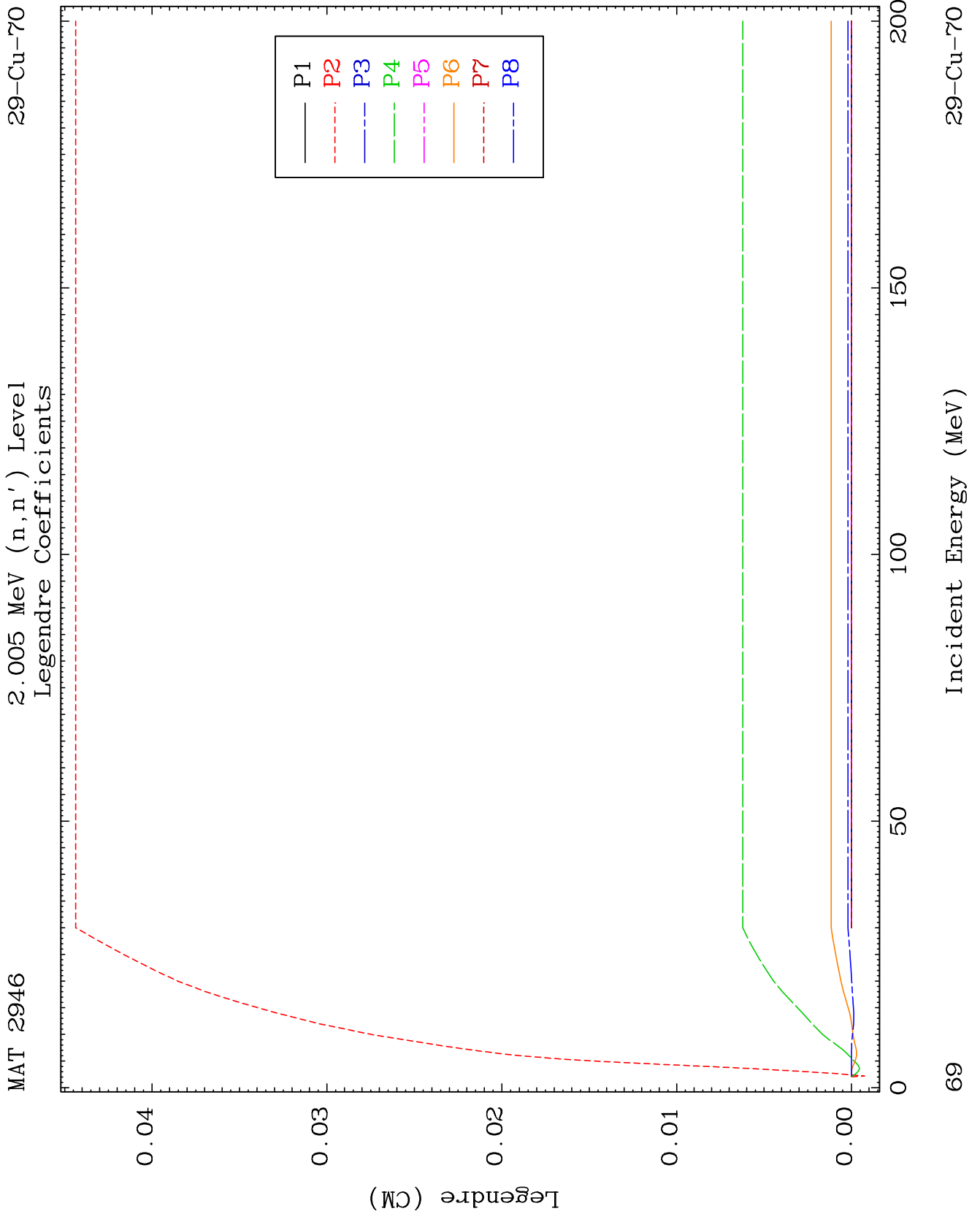












MAT 2946

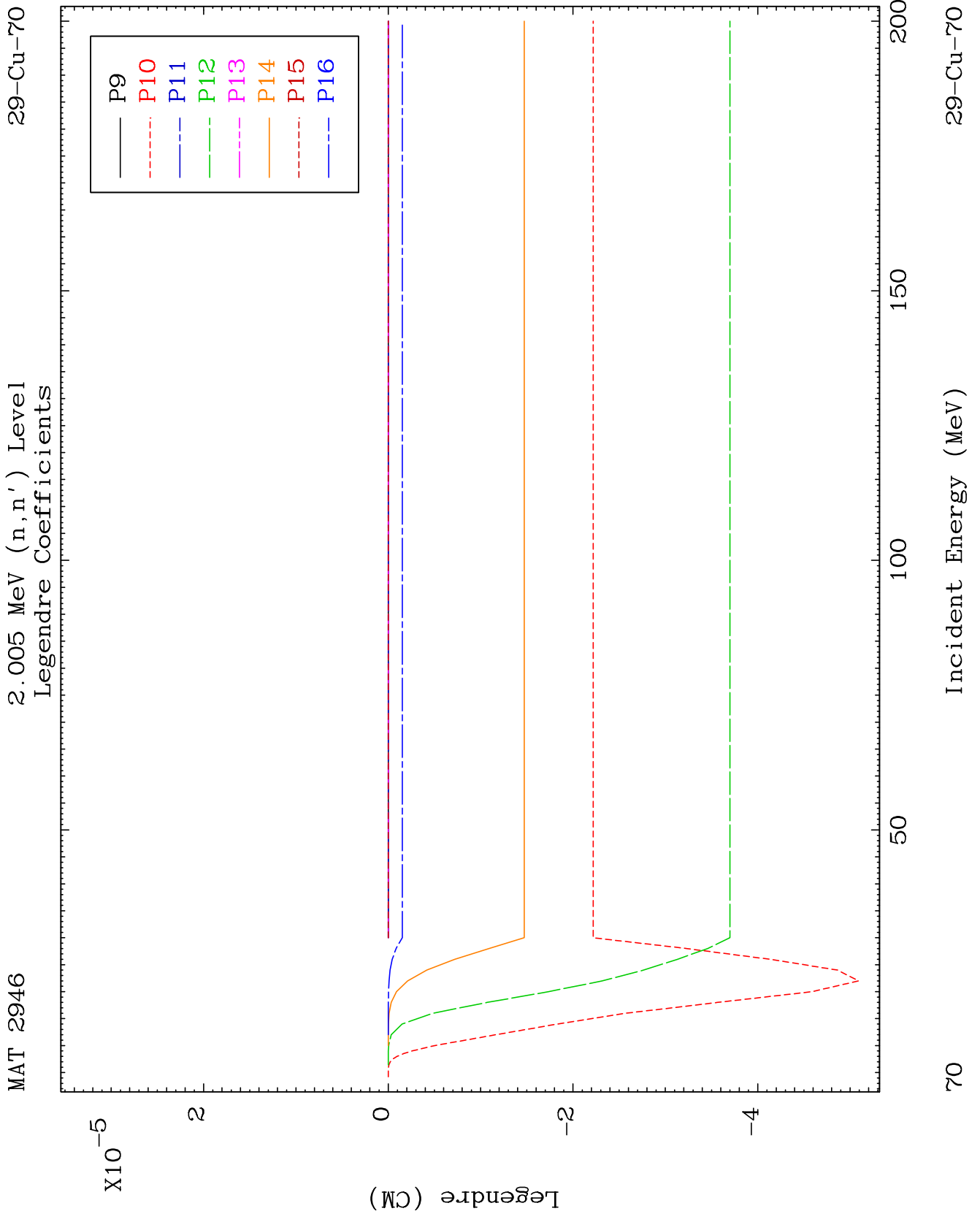
2.005 MeV (n,n') Level Legendre Coefficients

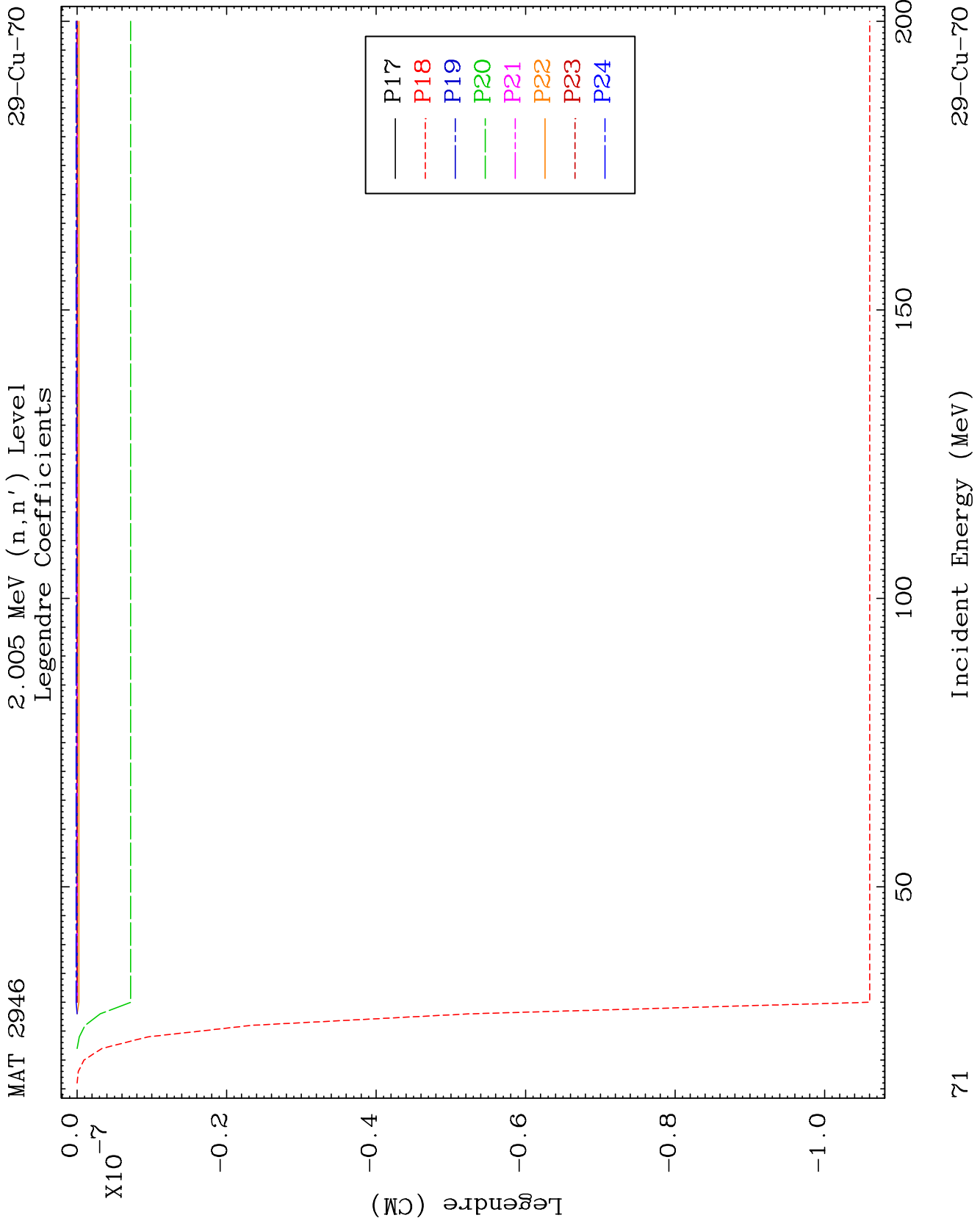
$^{29}\text{Cu-70}$

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Incident Energy (MeV)

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

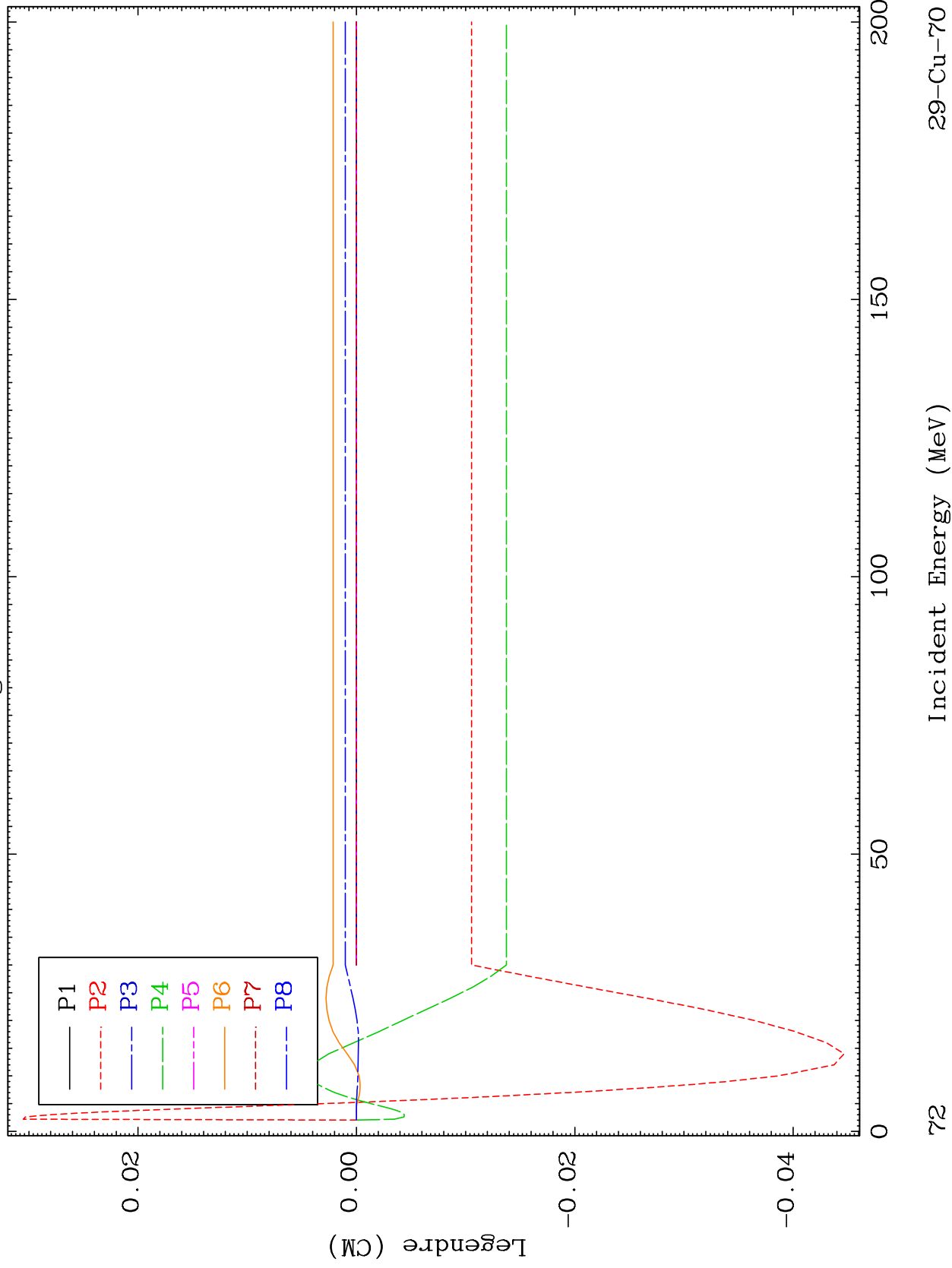




MAT 2946

2.011 MeV (n,n') Level
Legendre Coefficients

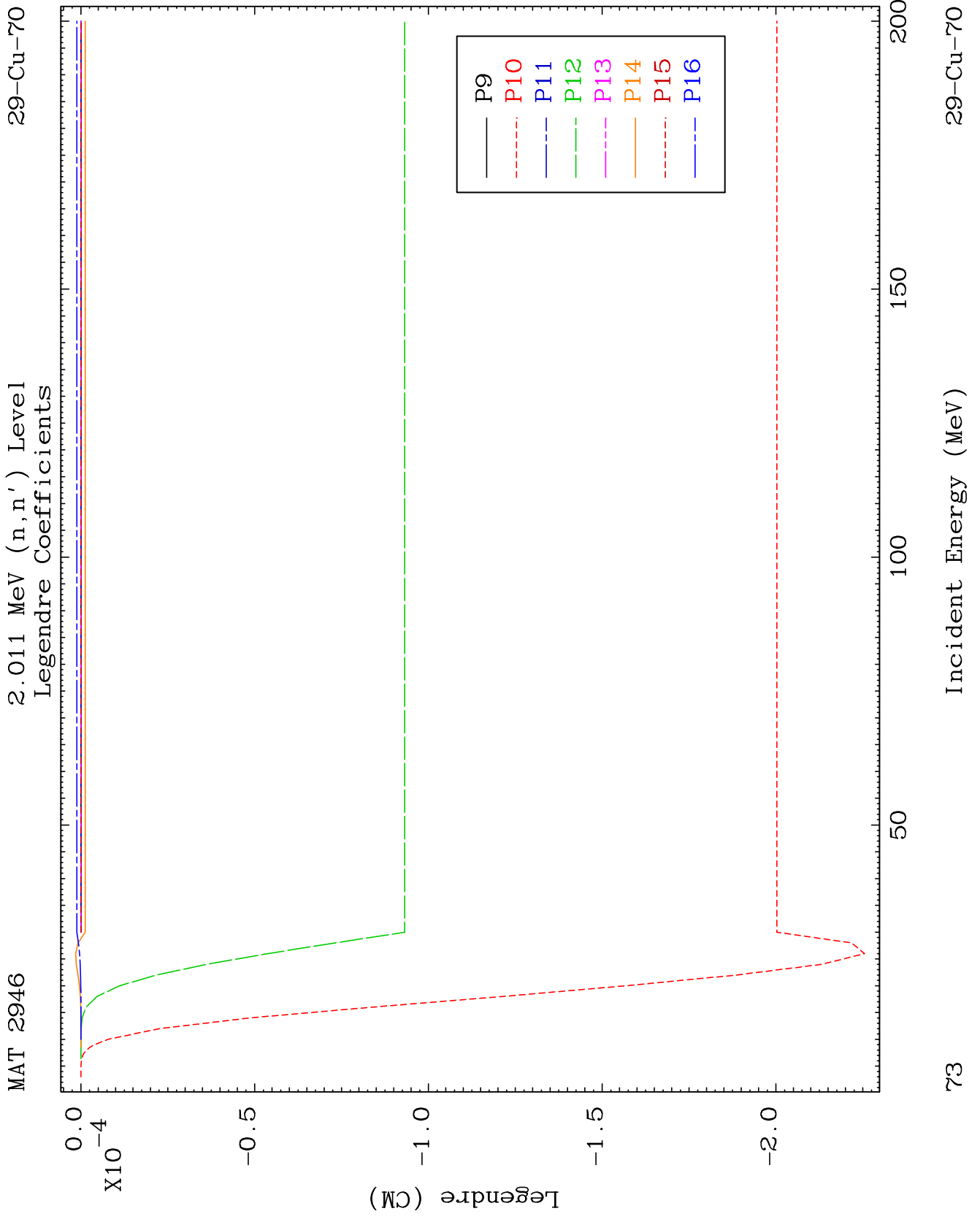
29-Cu-70



72

Incident Energy (MeV)

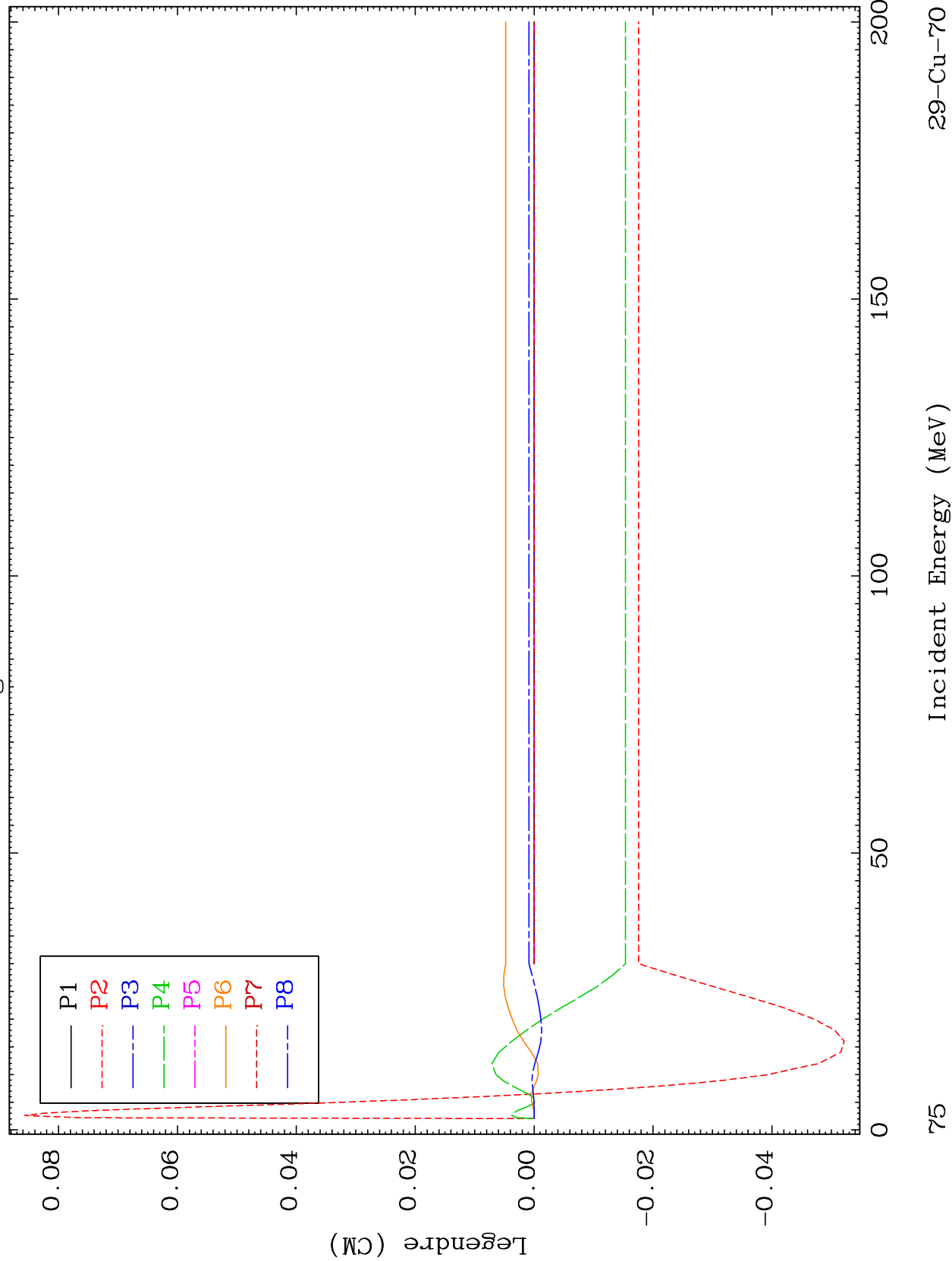
29-Cu-70



MAT 2946

2.019 MeV (n,n') Level
Legendre Coefficients

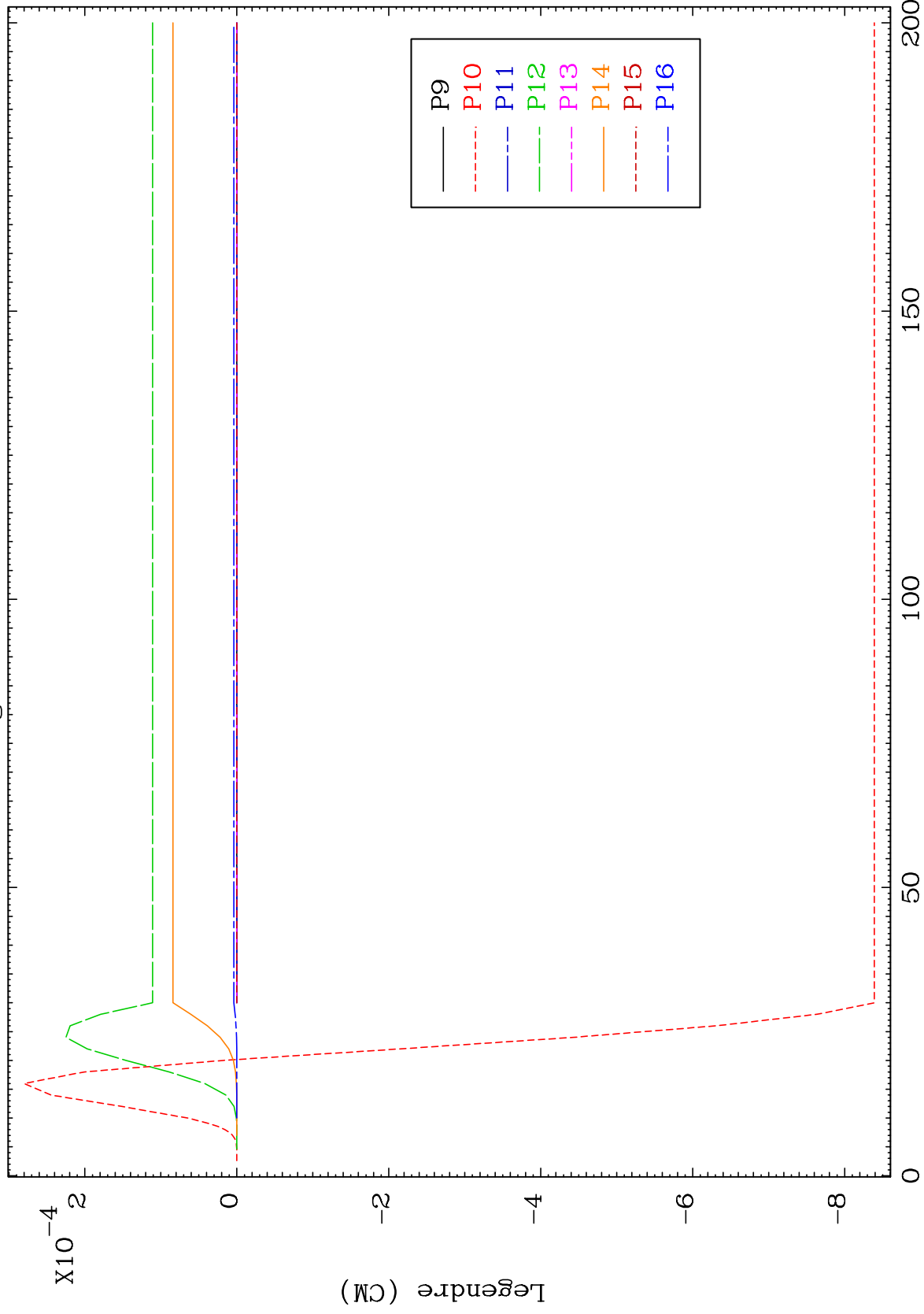
29-Cu-70



MAT 2946

2.019 MeV (n,n') Level
Legendre Coefficients

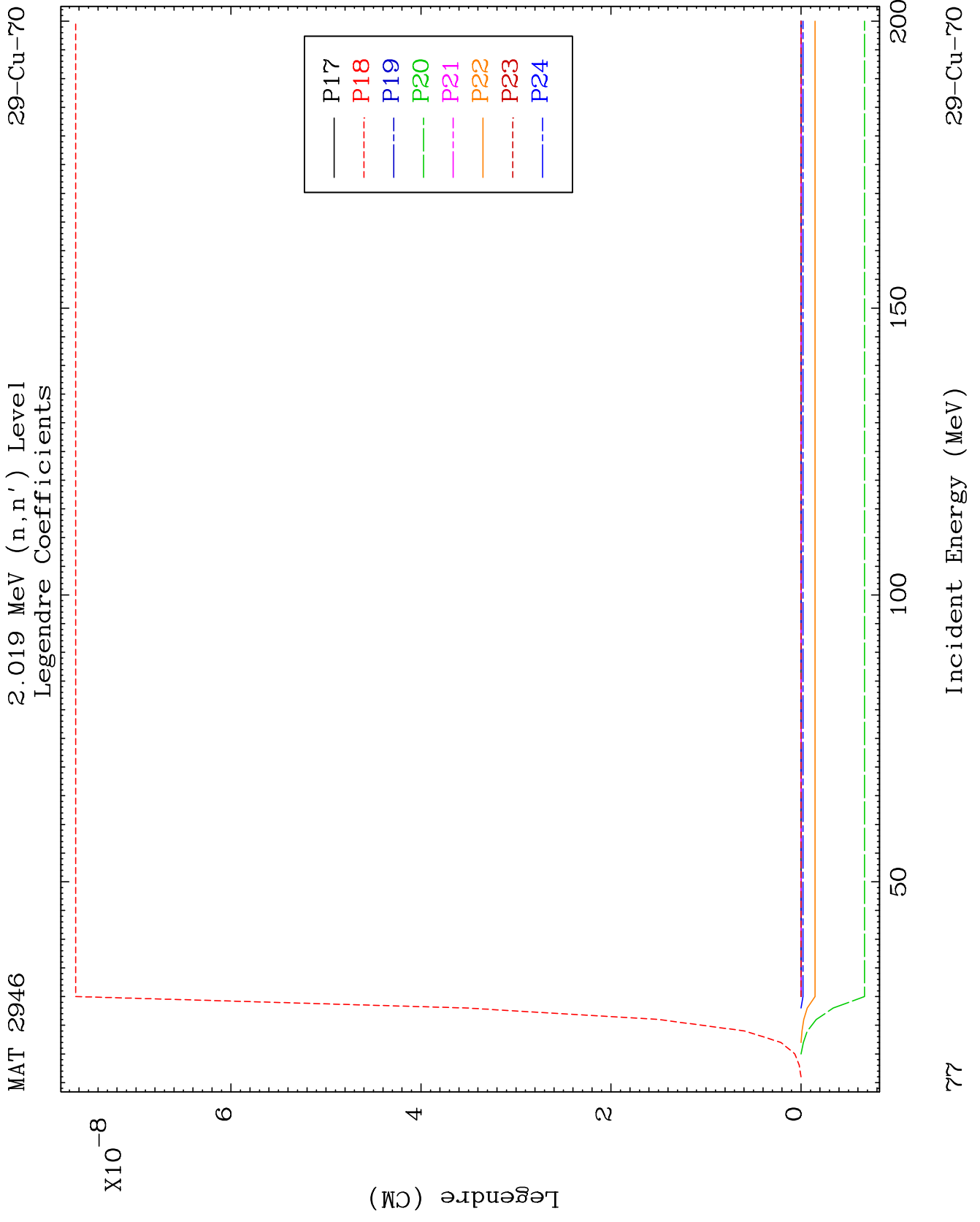
29-Cu-70

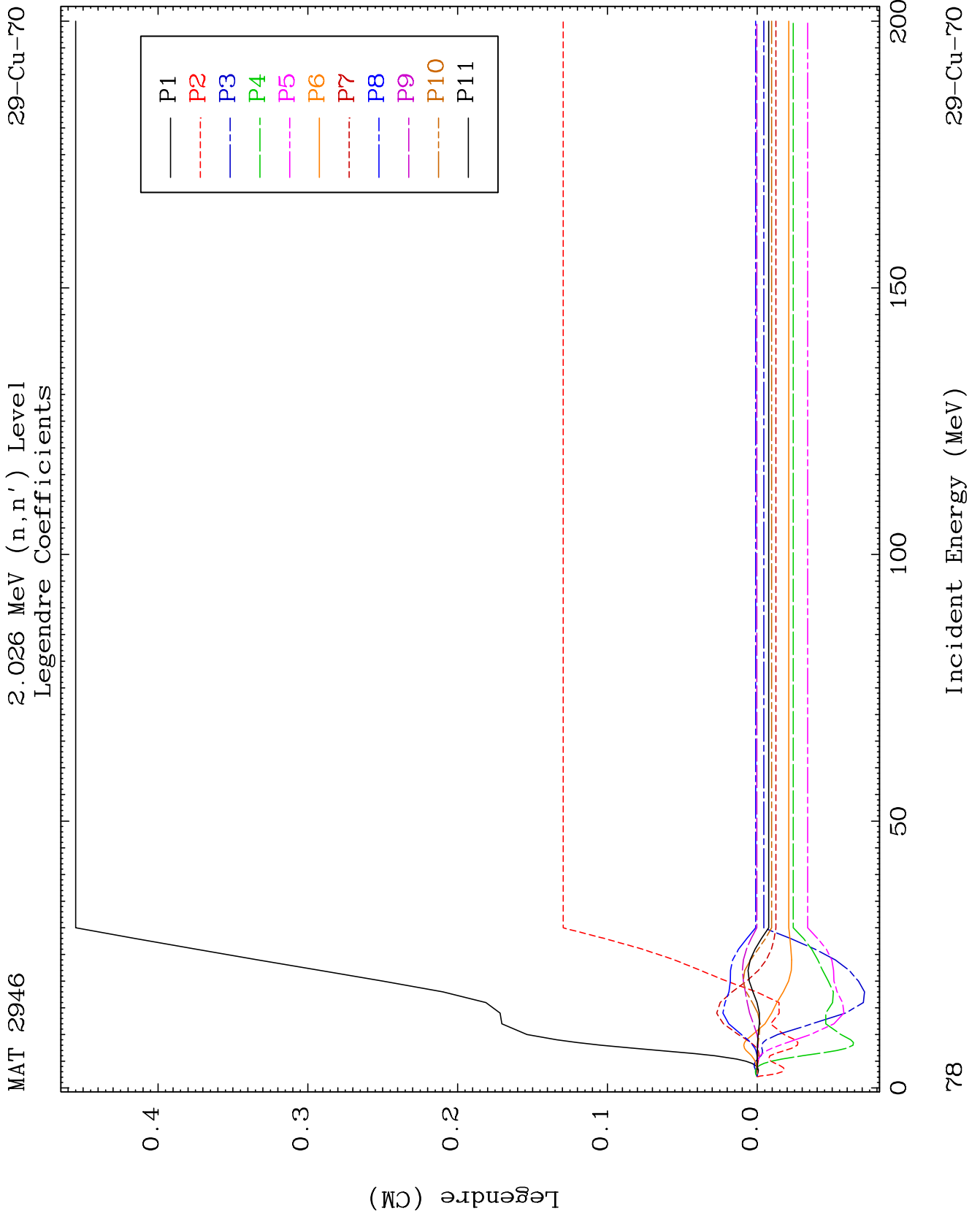


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Incident Energy (MeV)

29-Cu-70

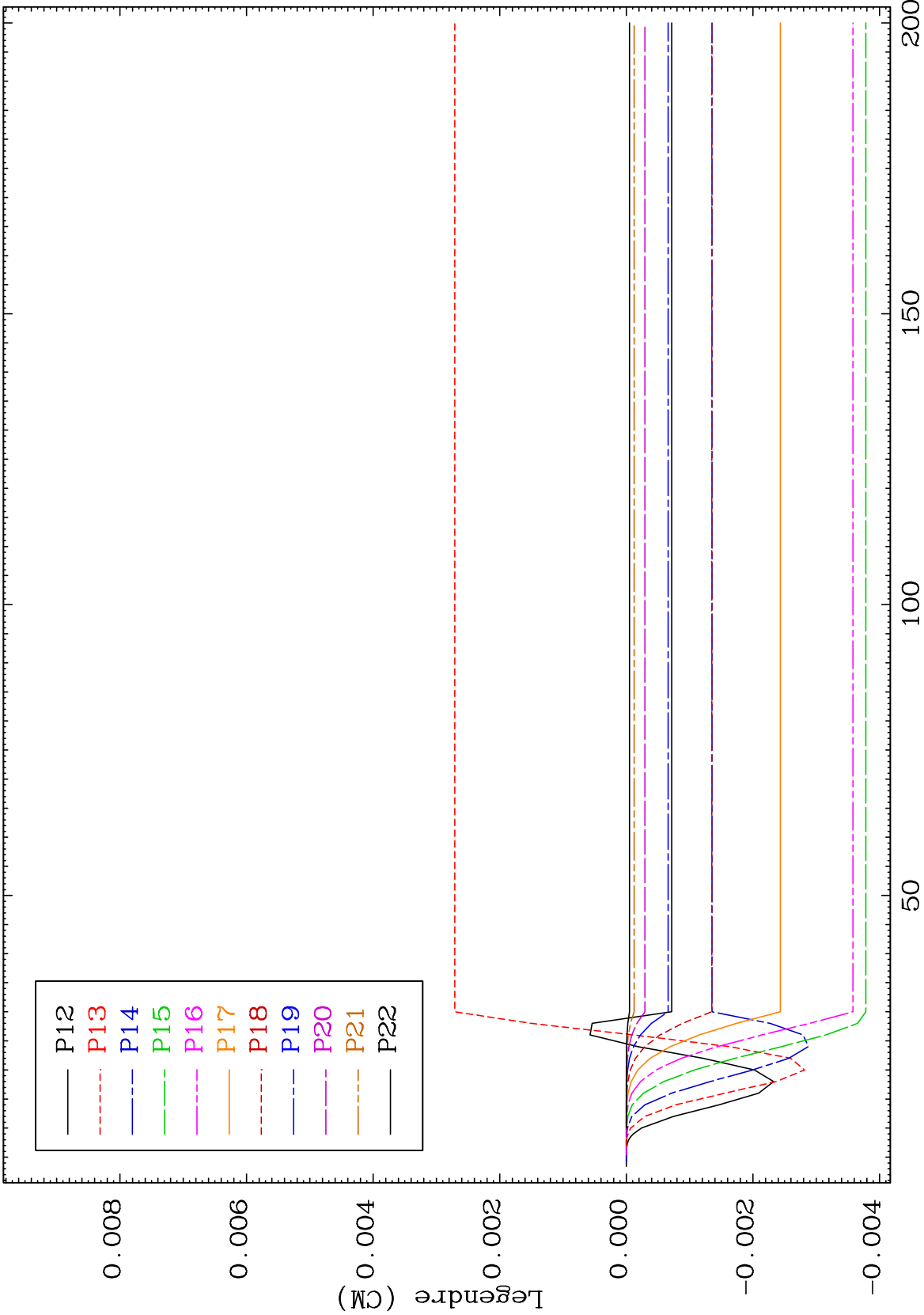


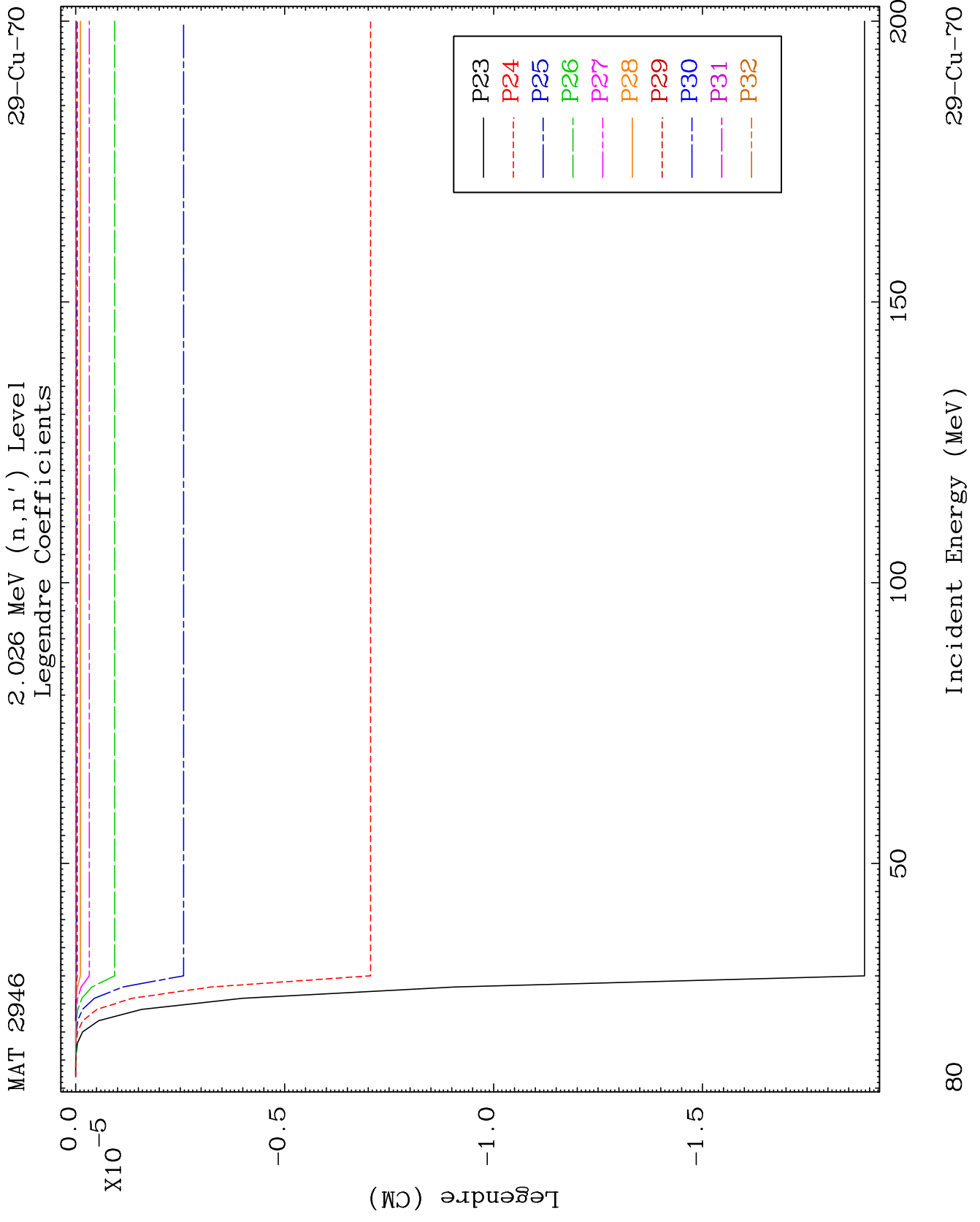


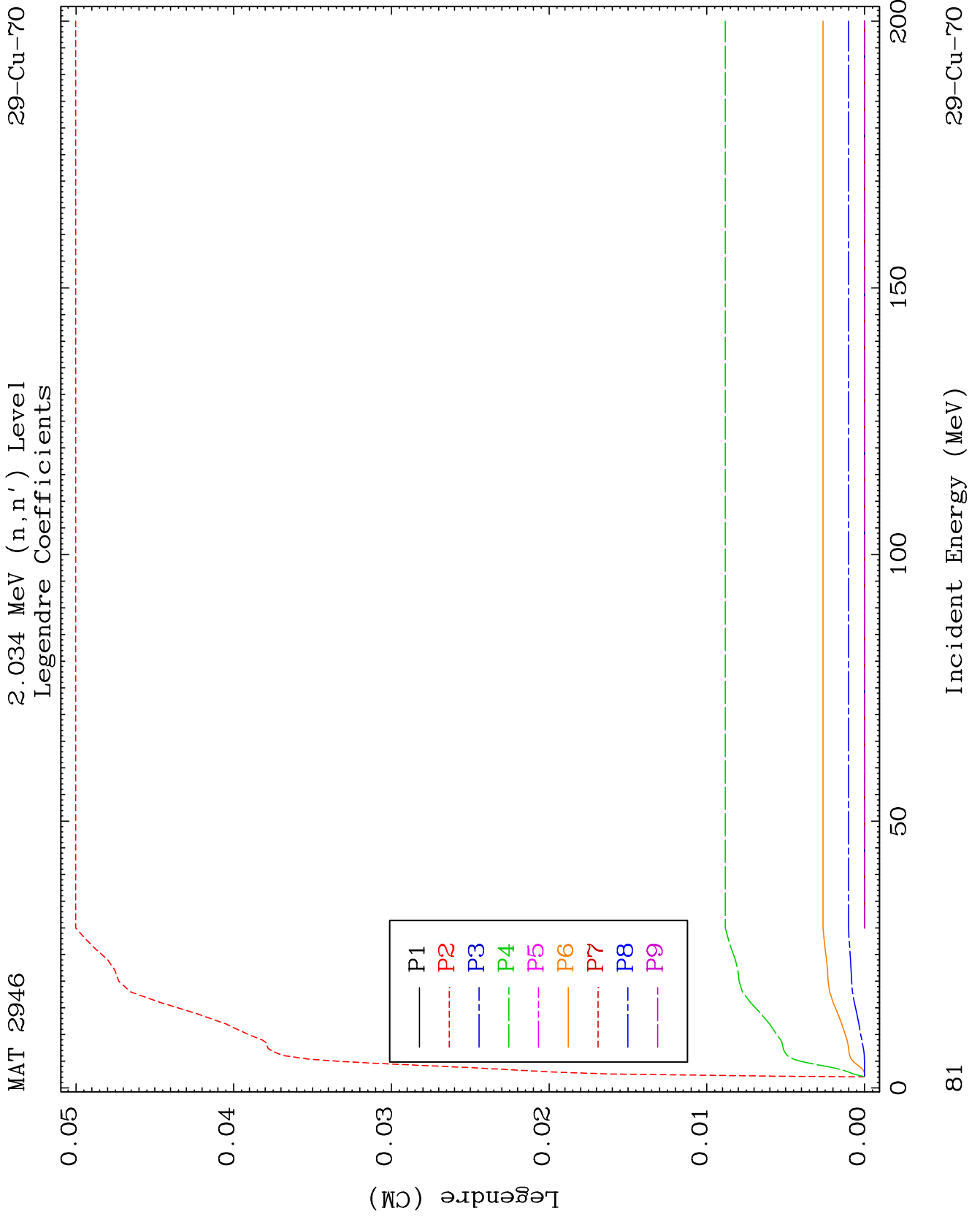
MAT 2946

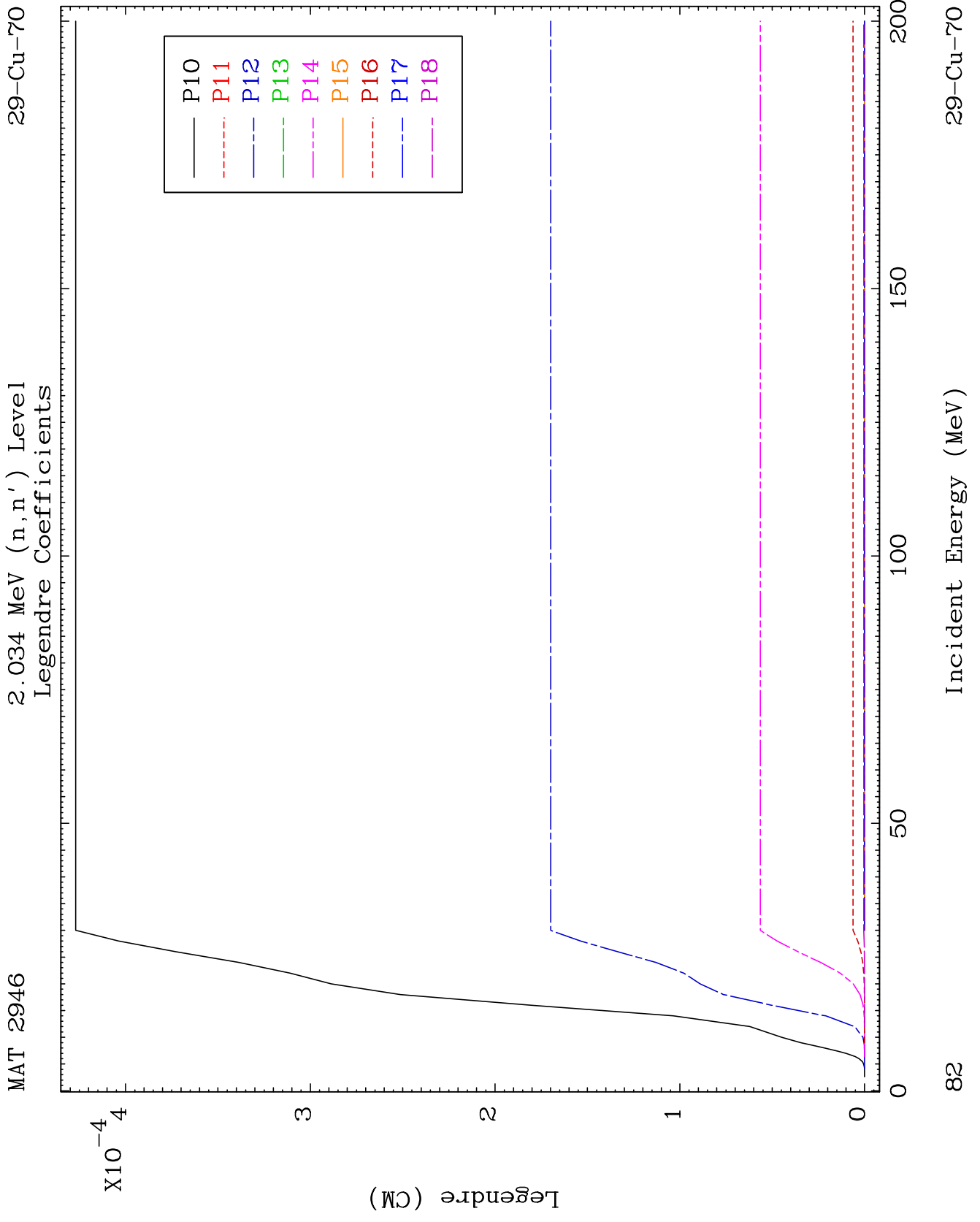
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Legendre Coefficients

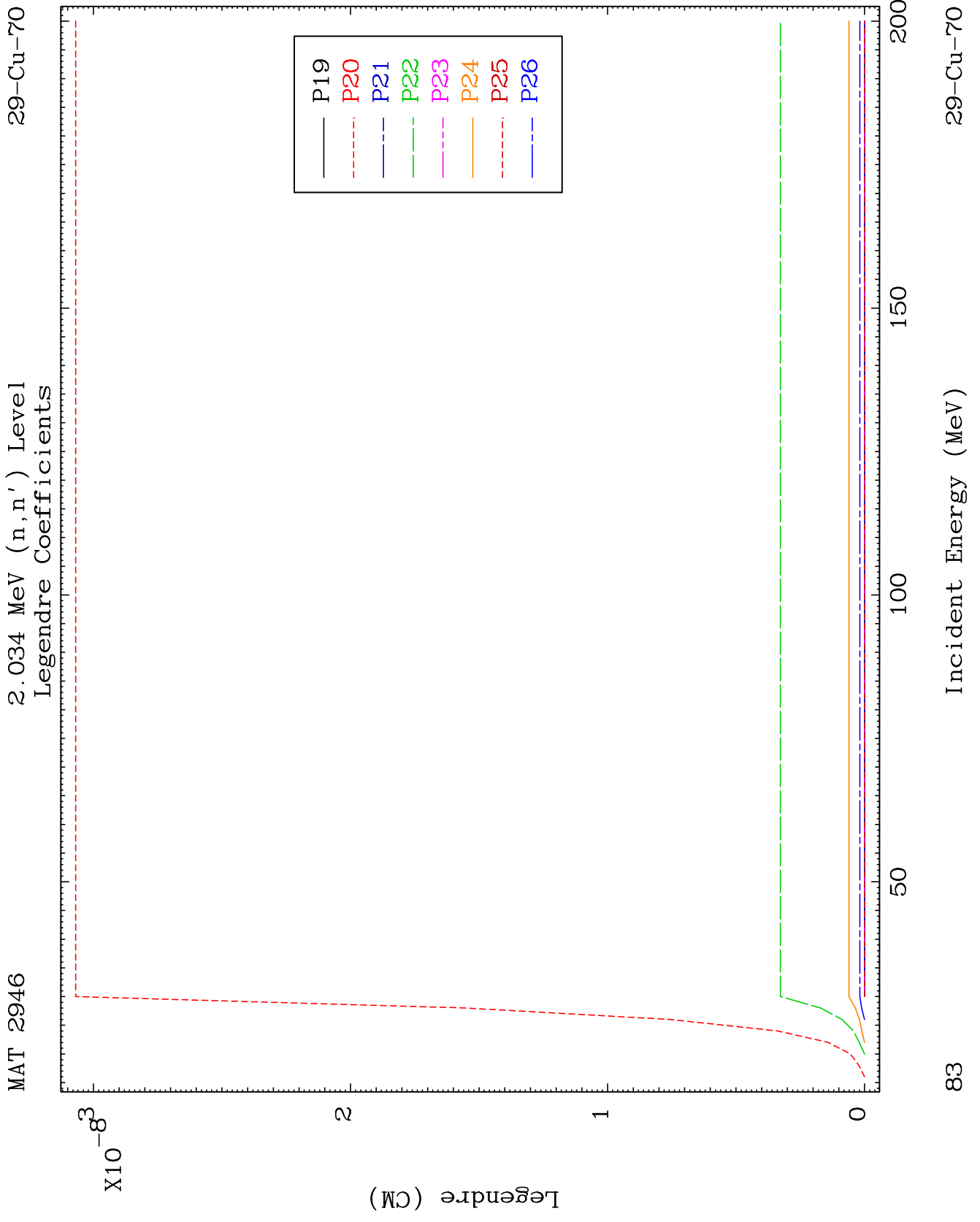
29-Cu-70

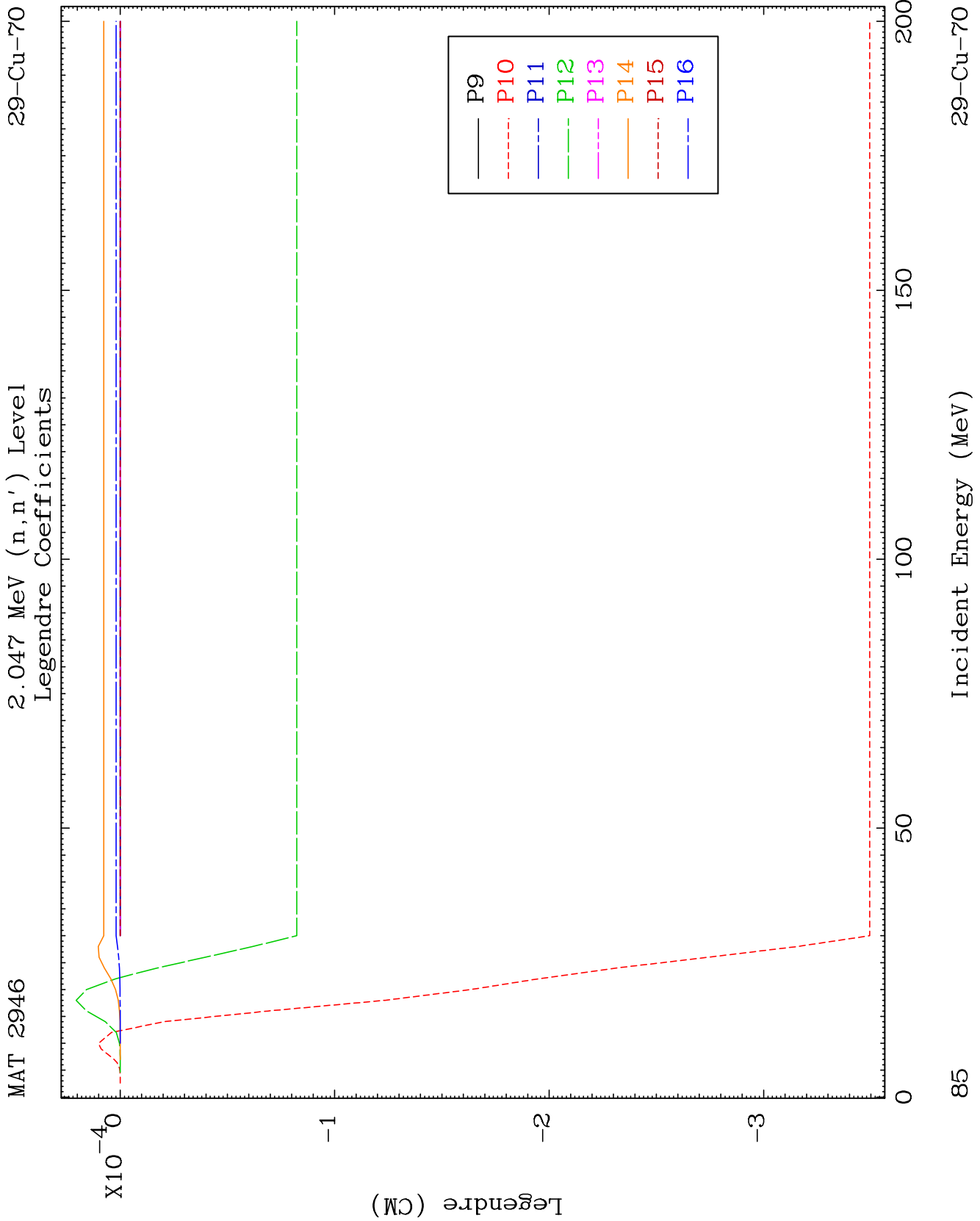


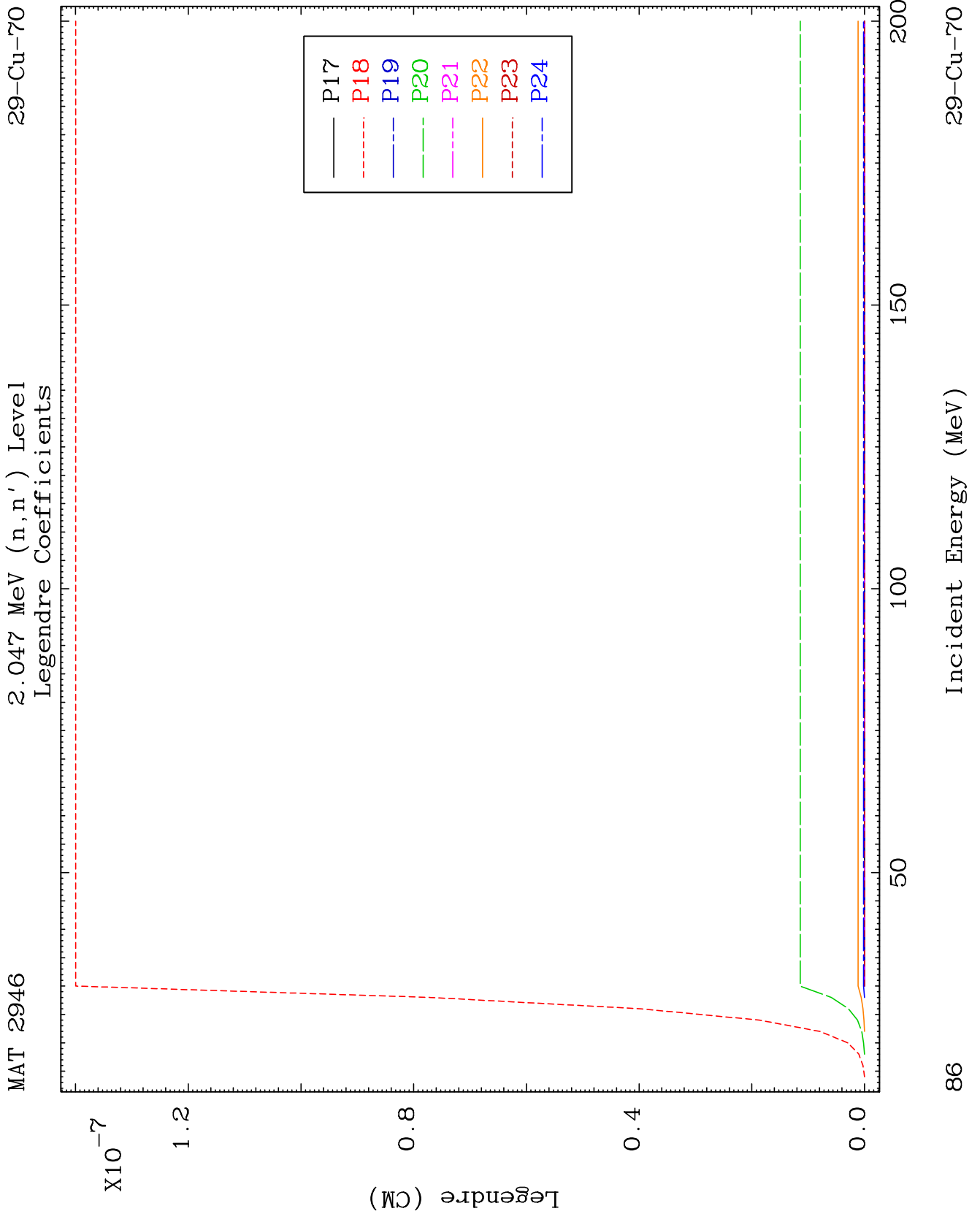


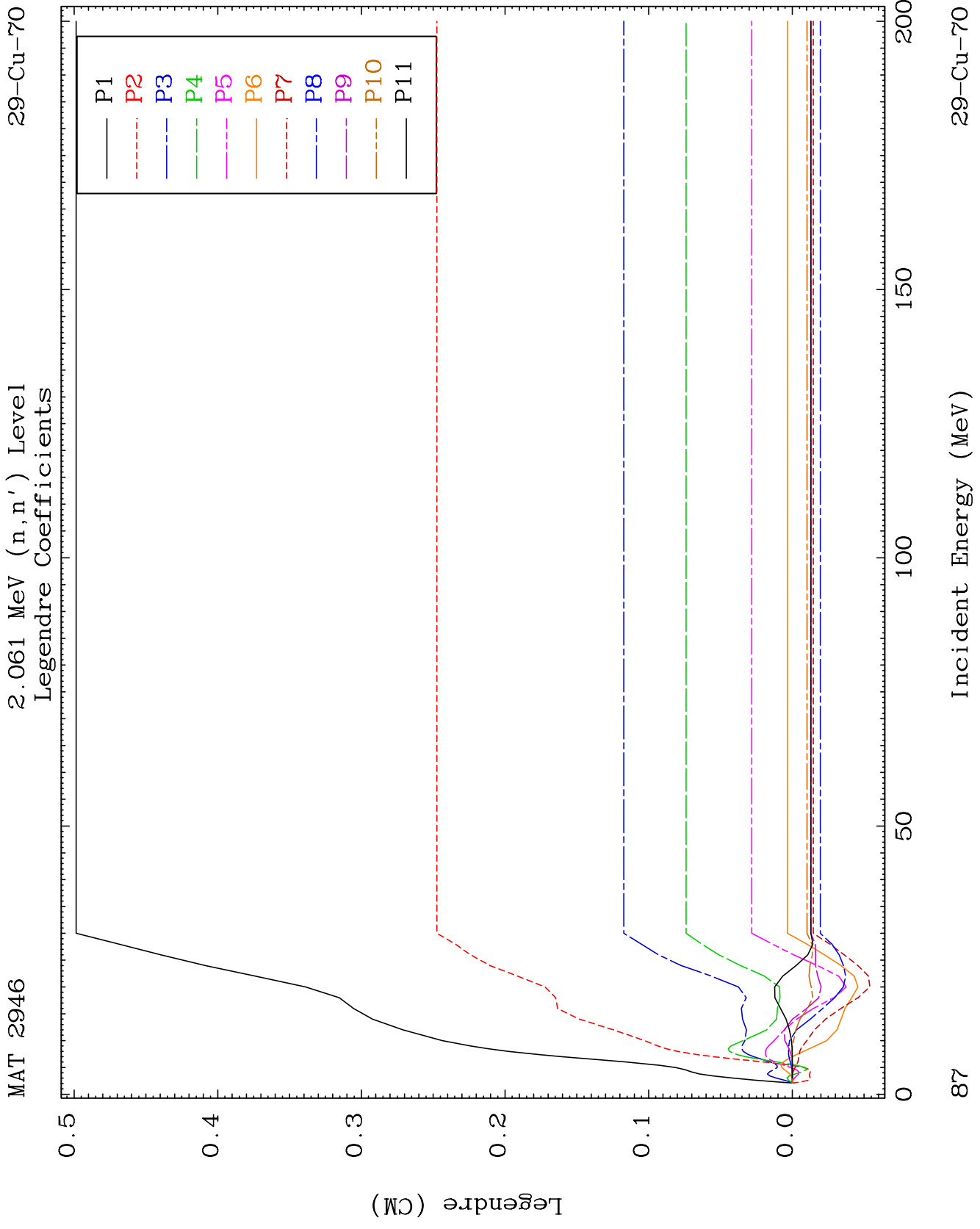


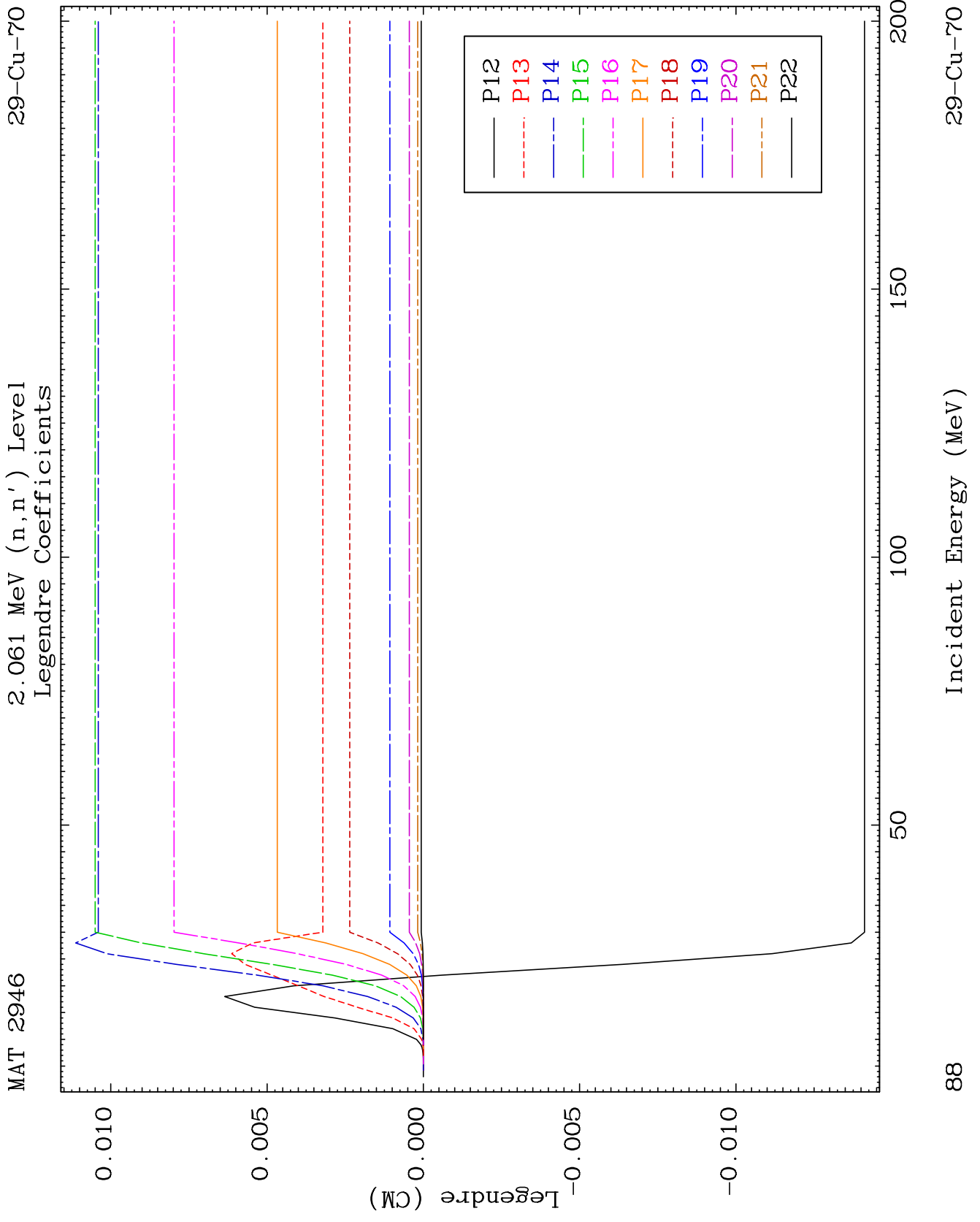


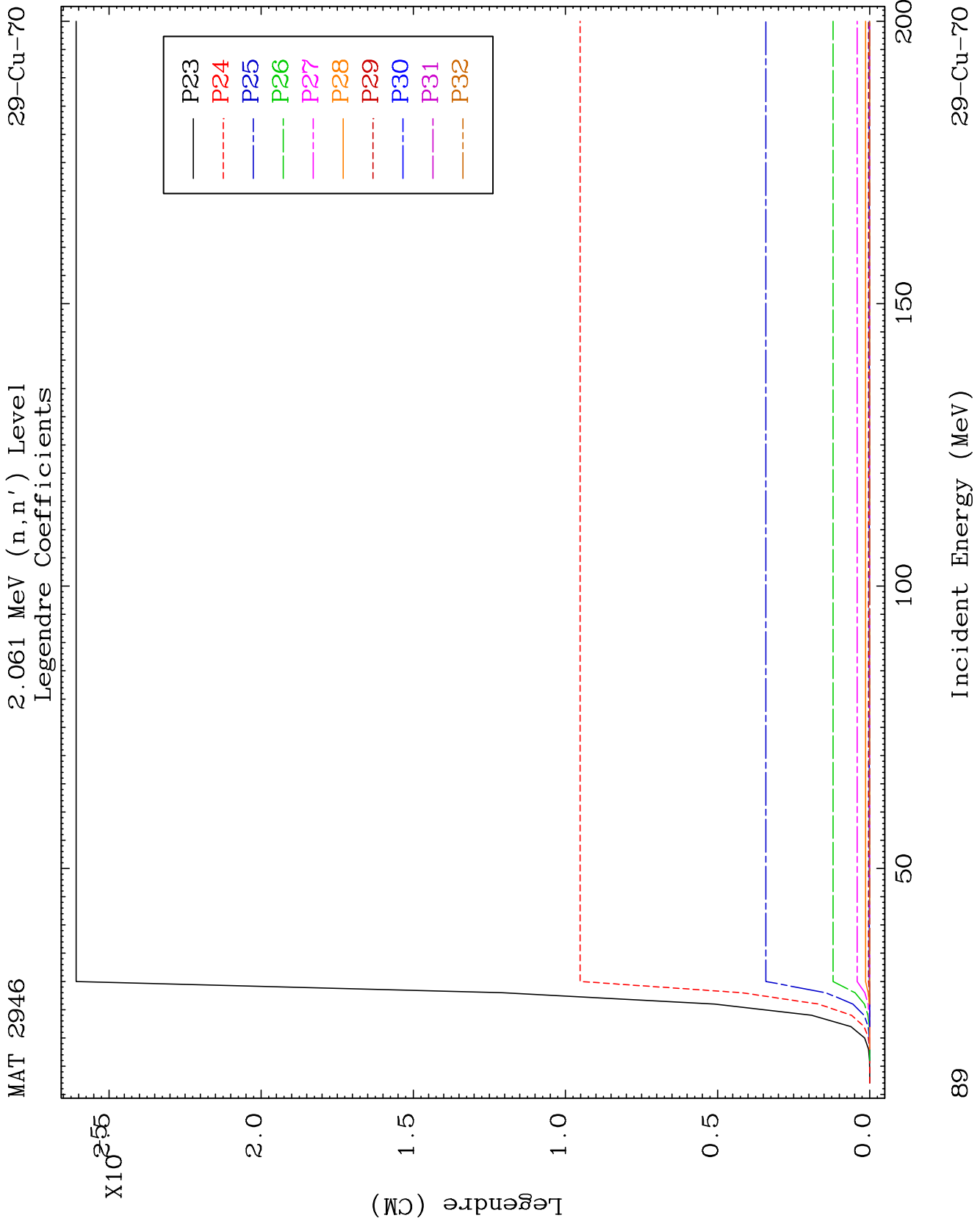


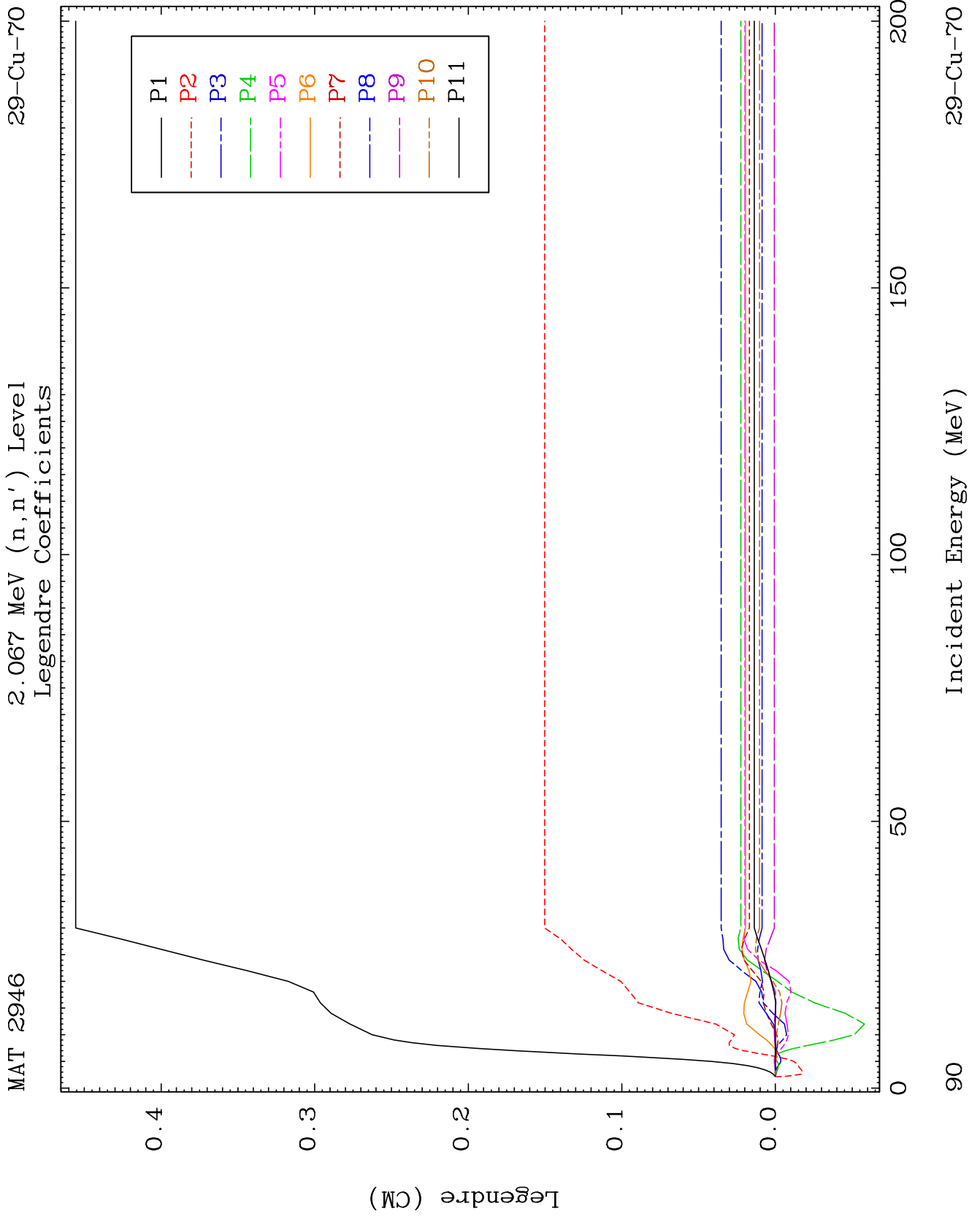








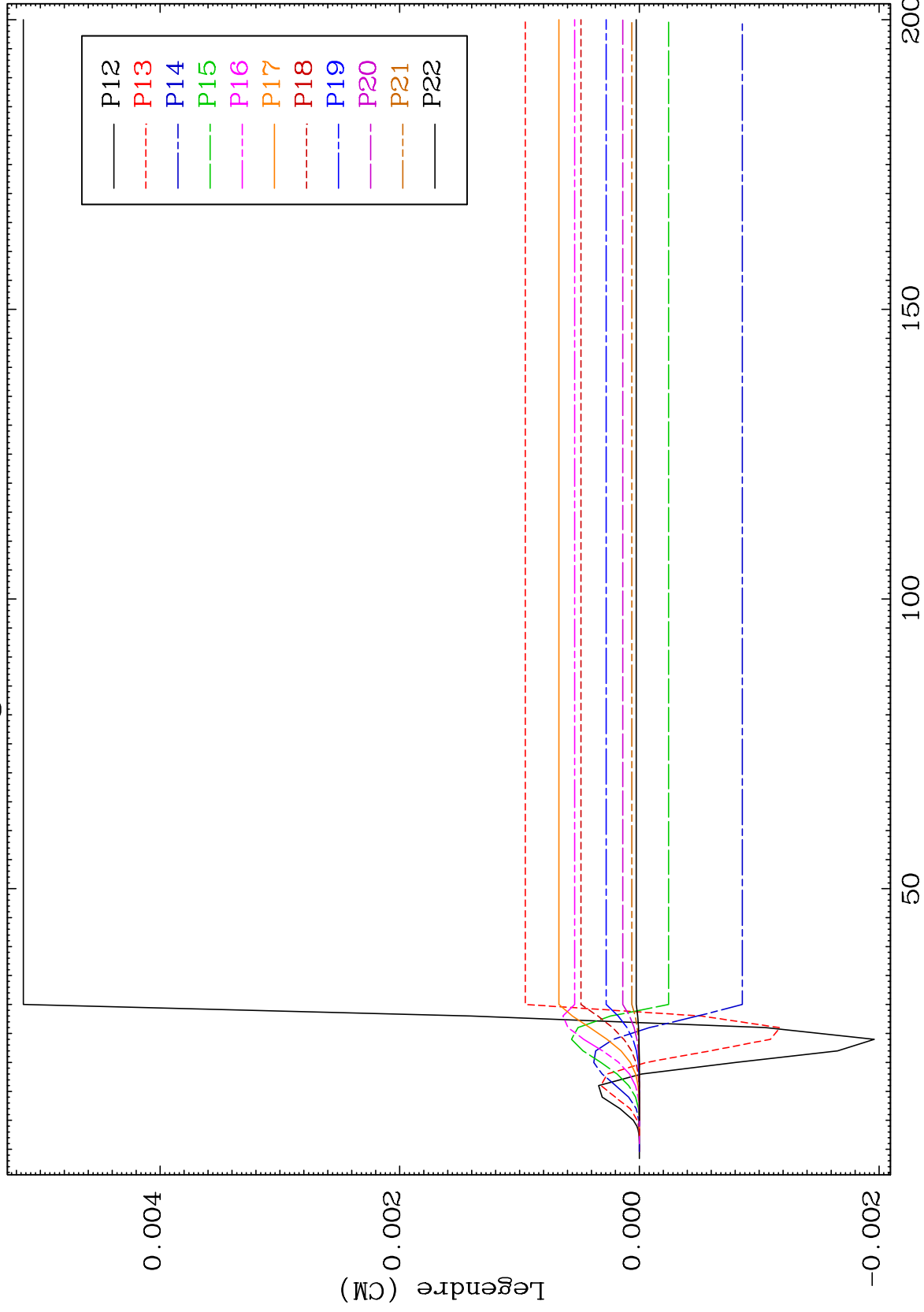


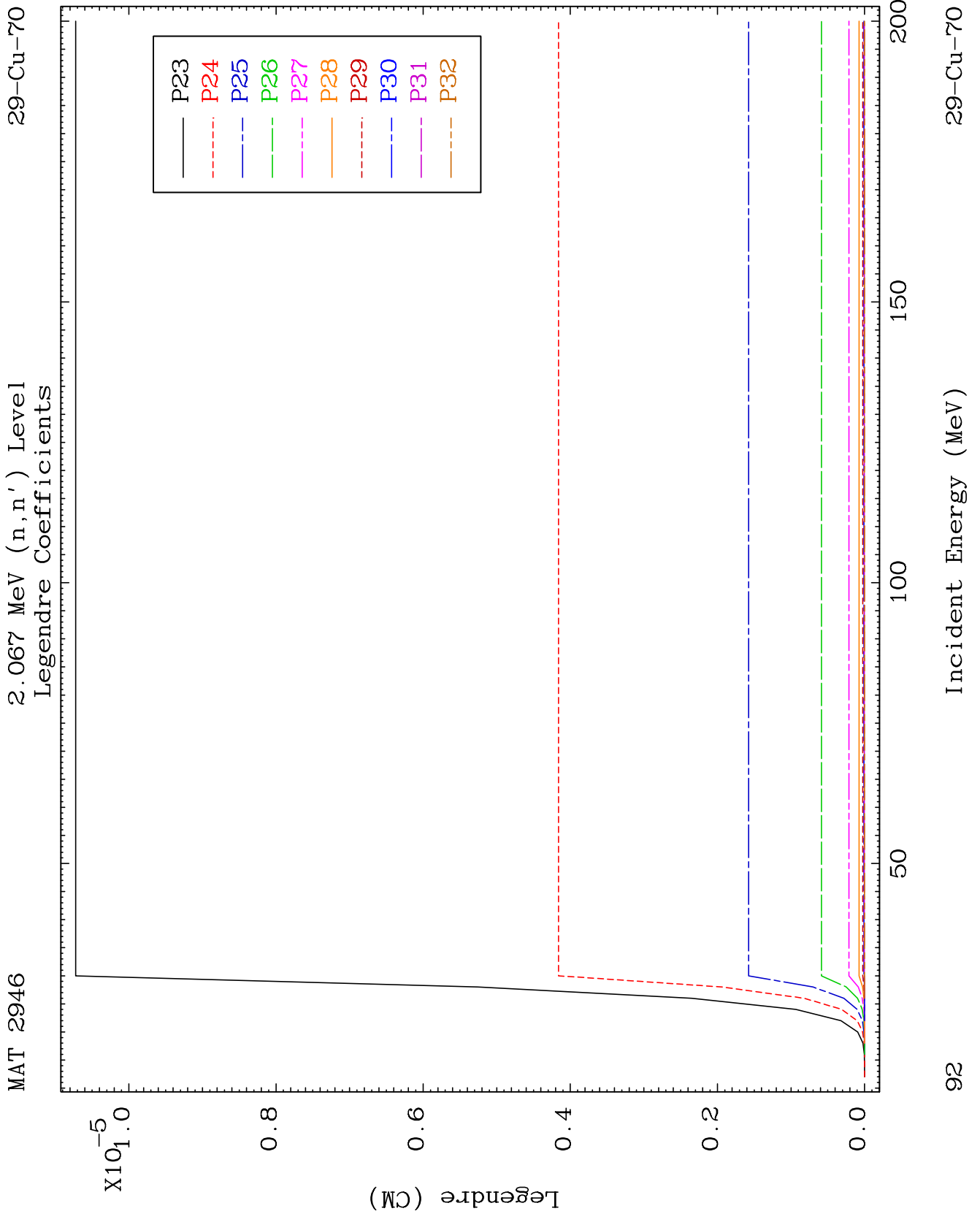


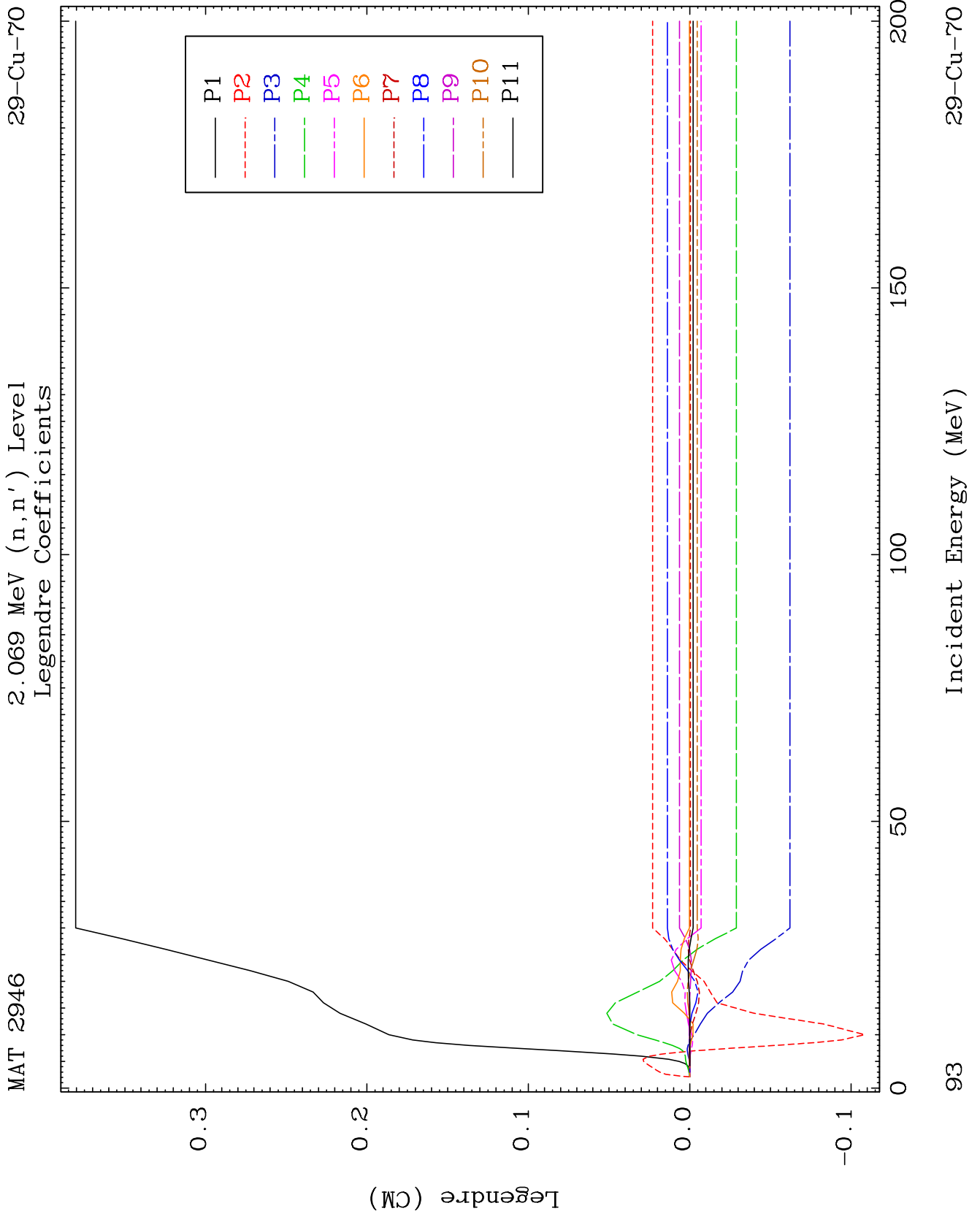
MAT 2946

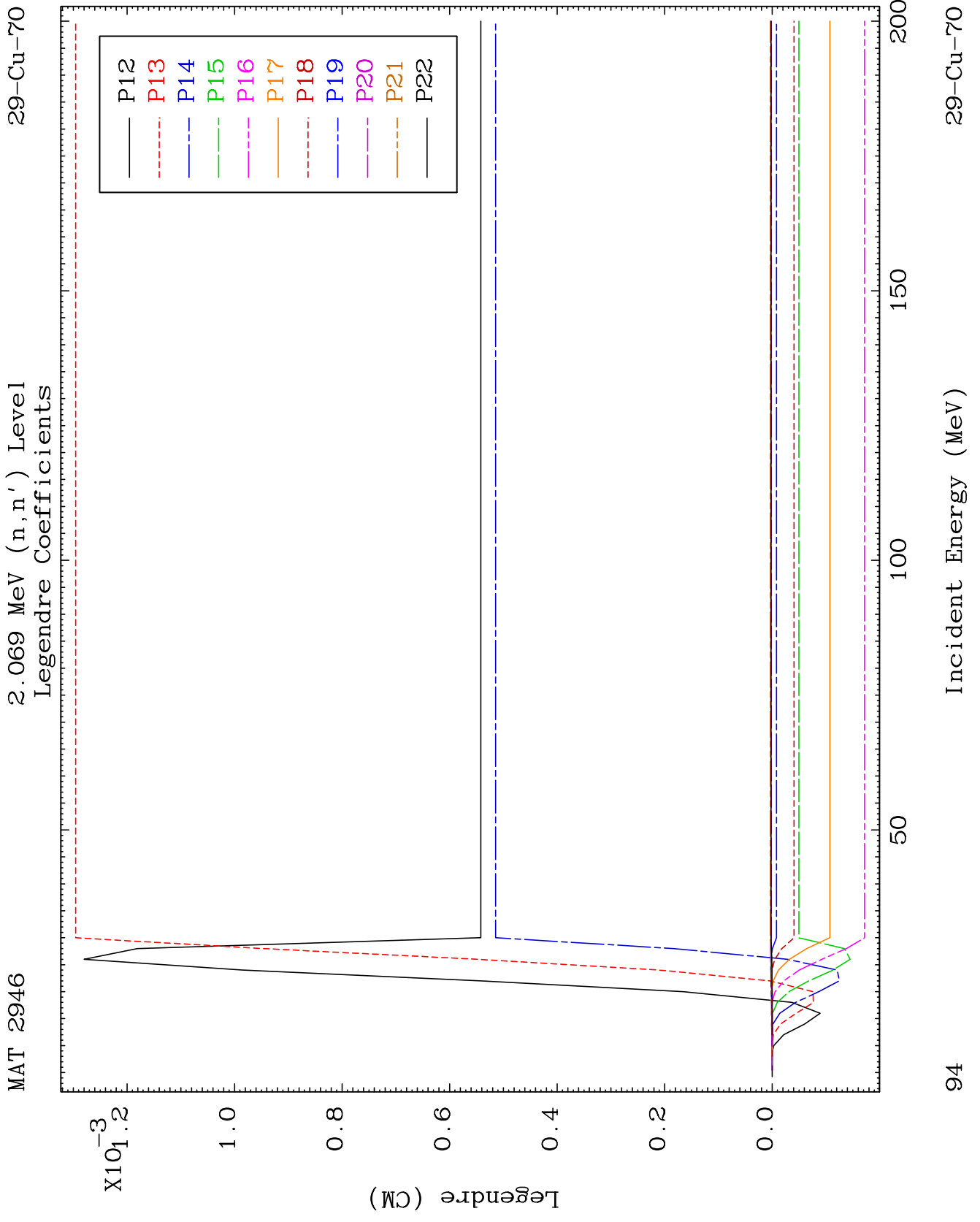
2.067 MeV (n,n') Level
Legendre Coefficients

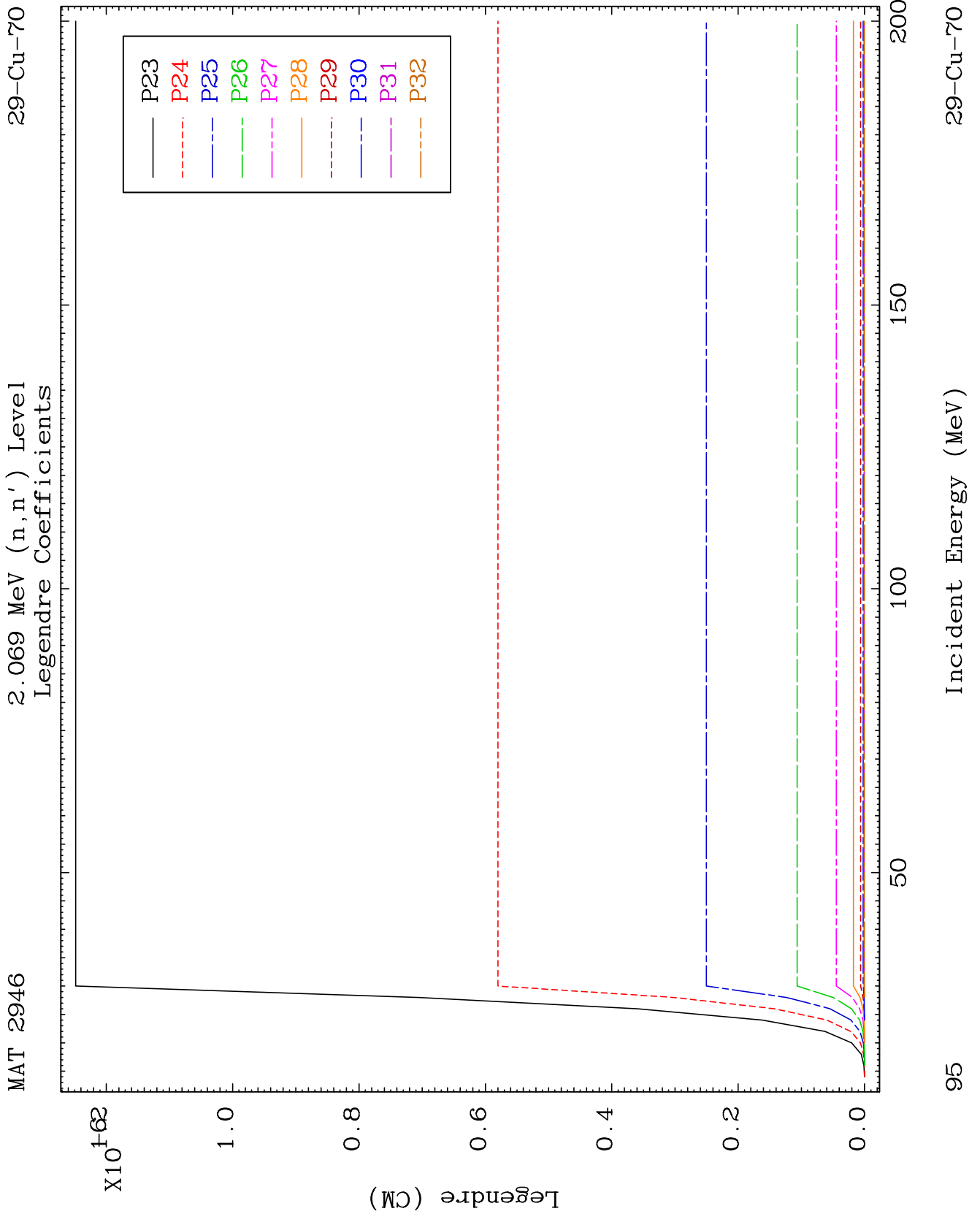
29-Cu-70

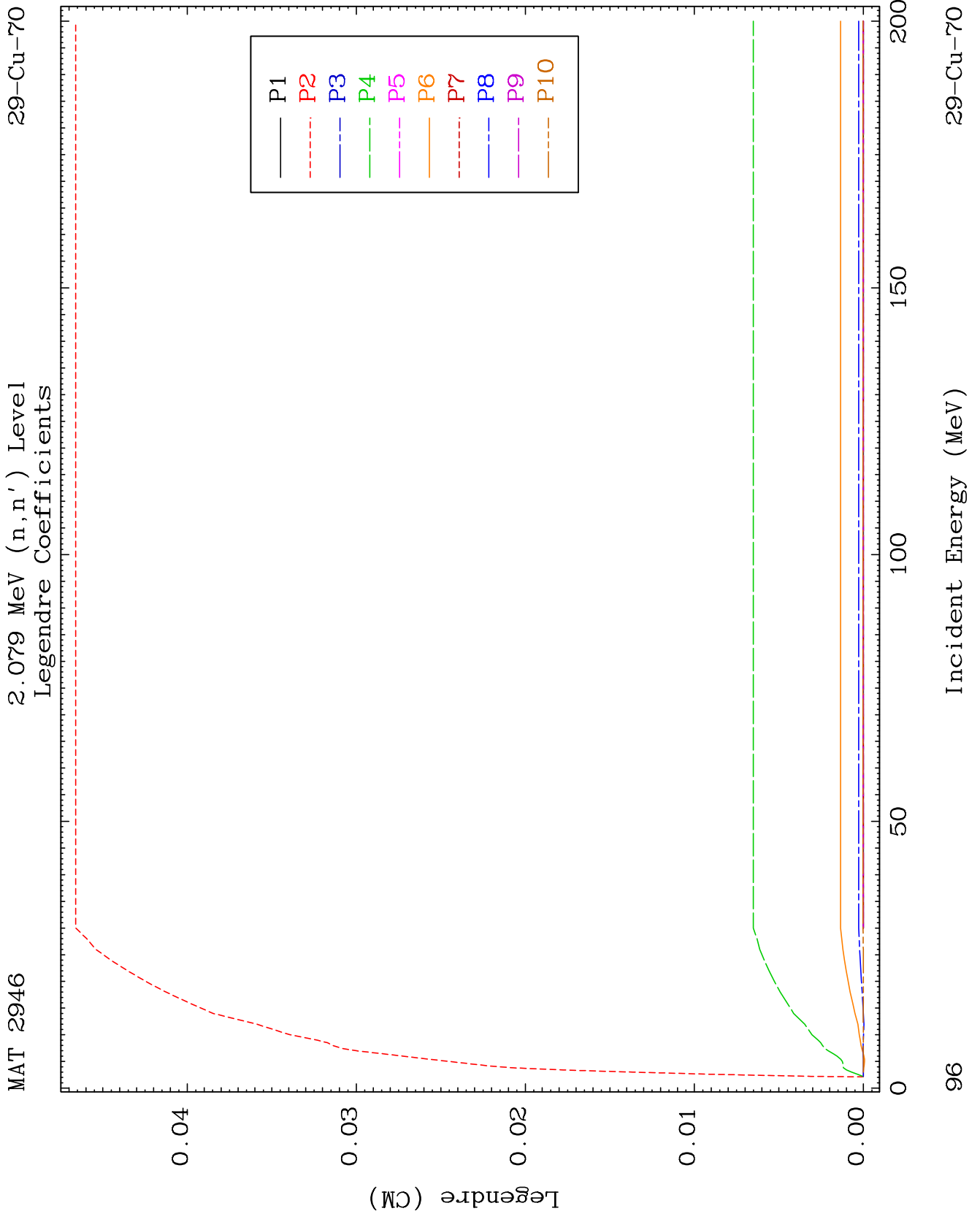


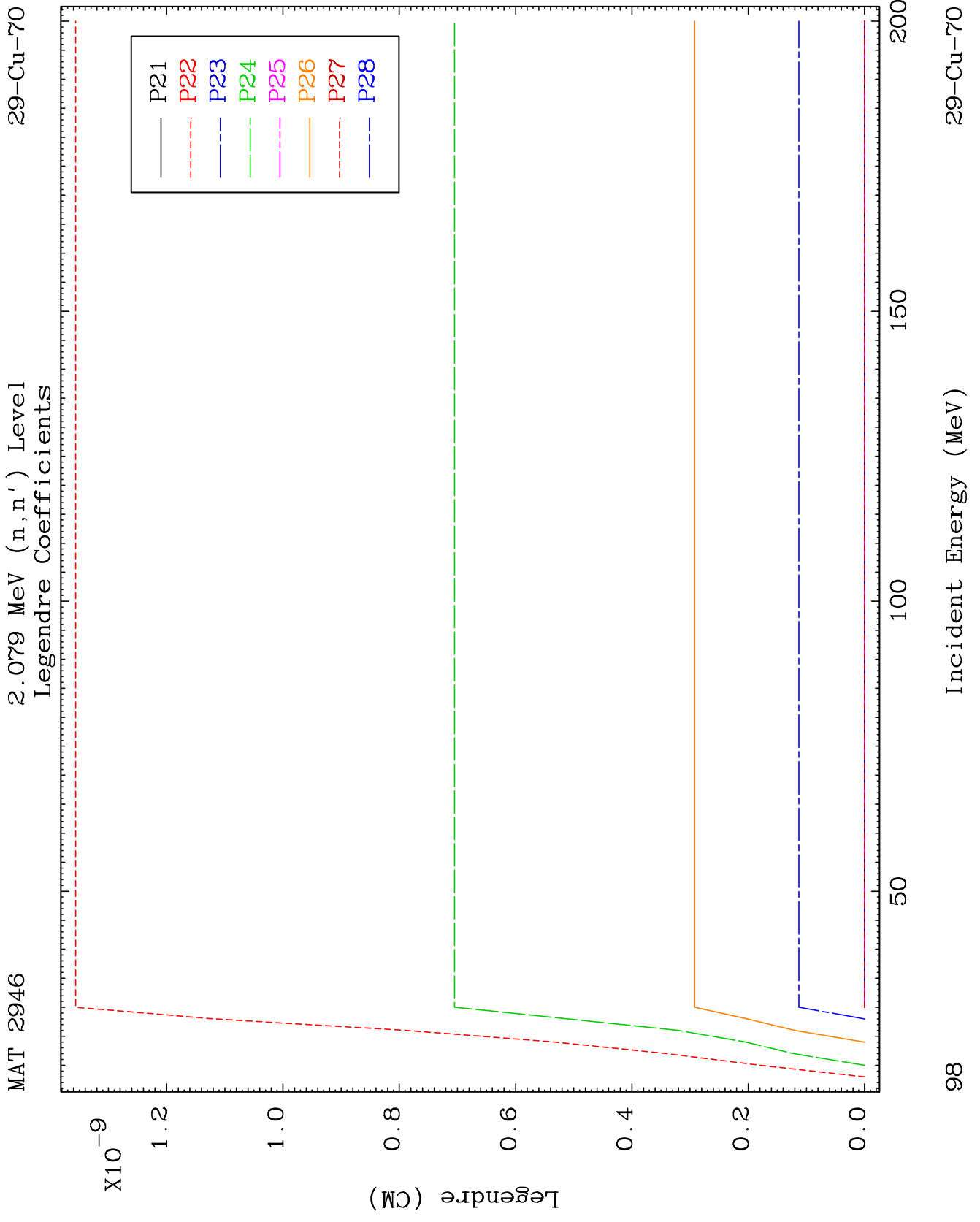


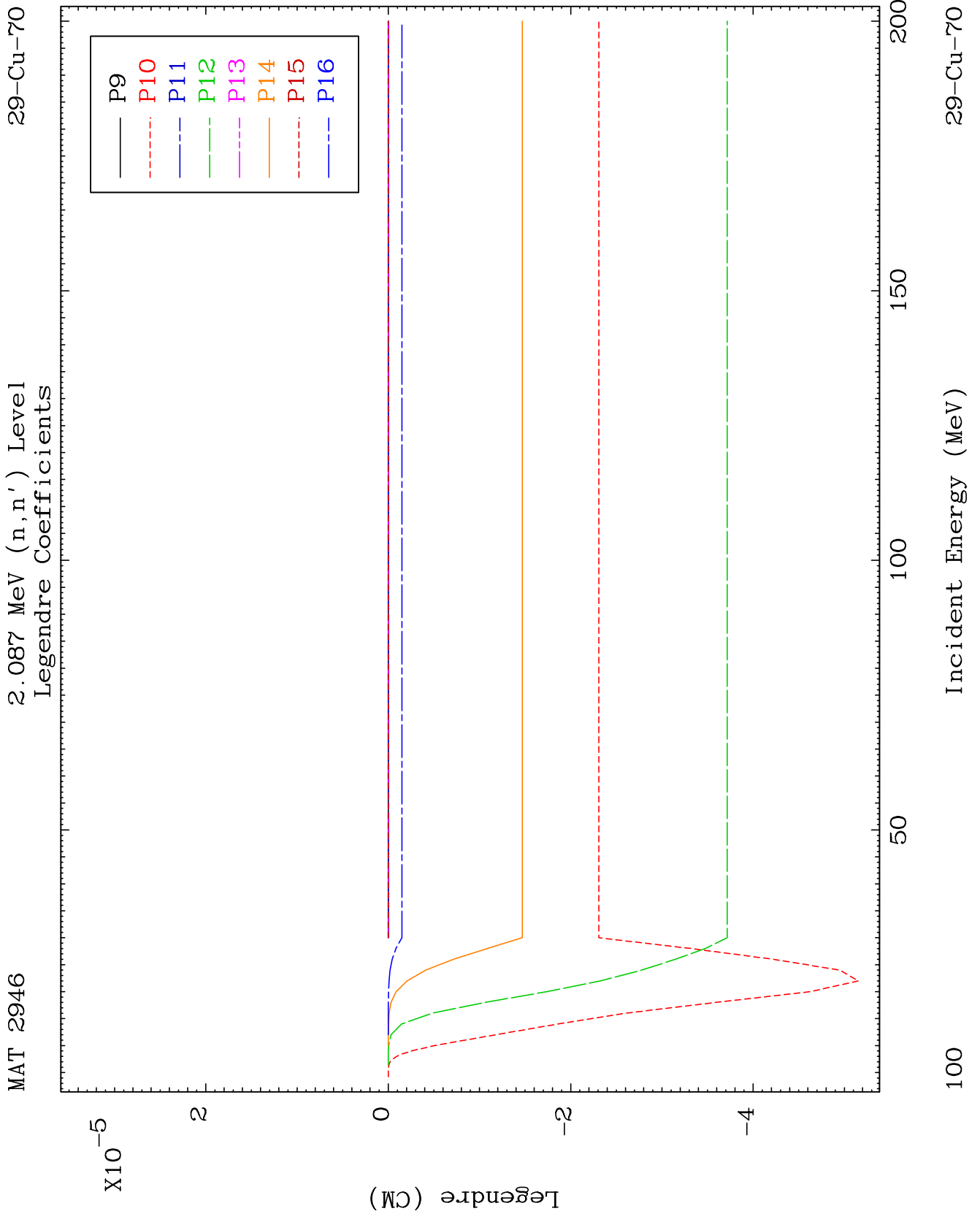


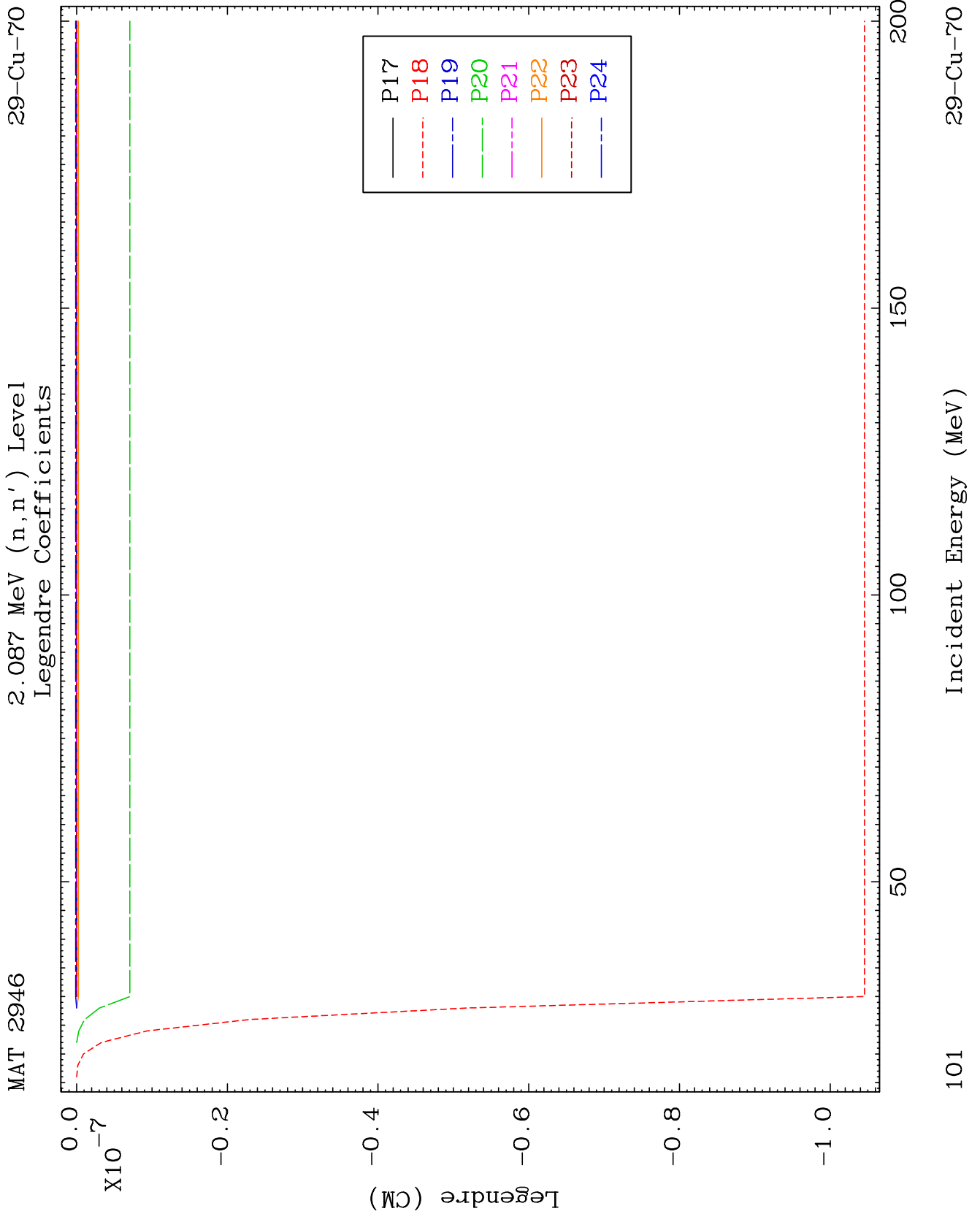


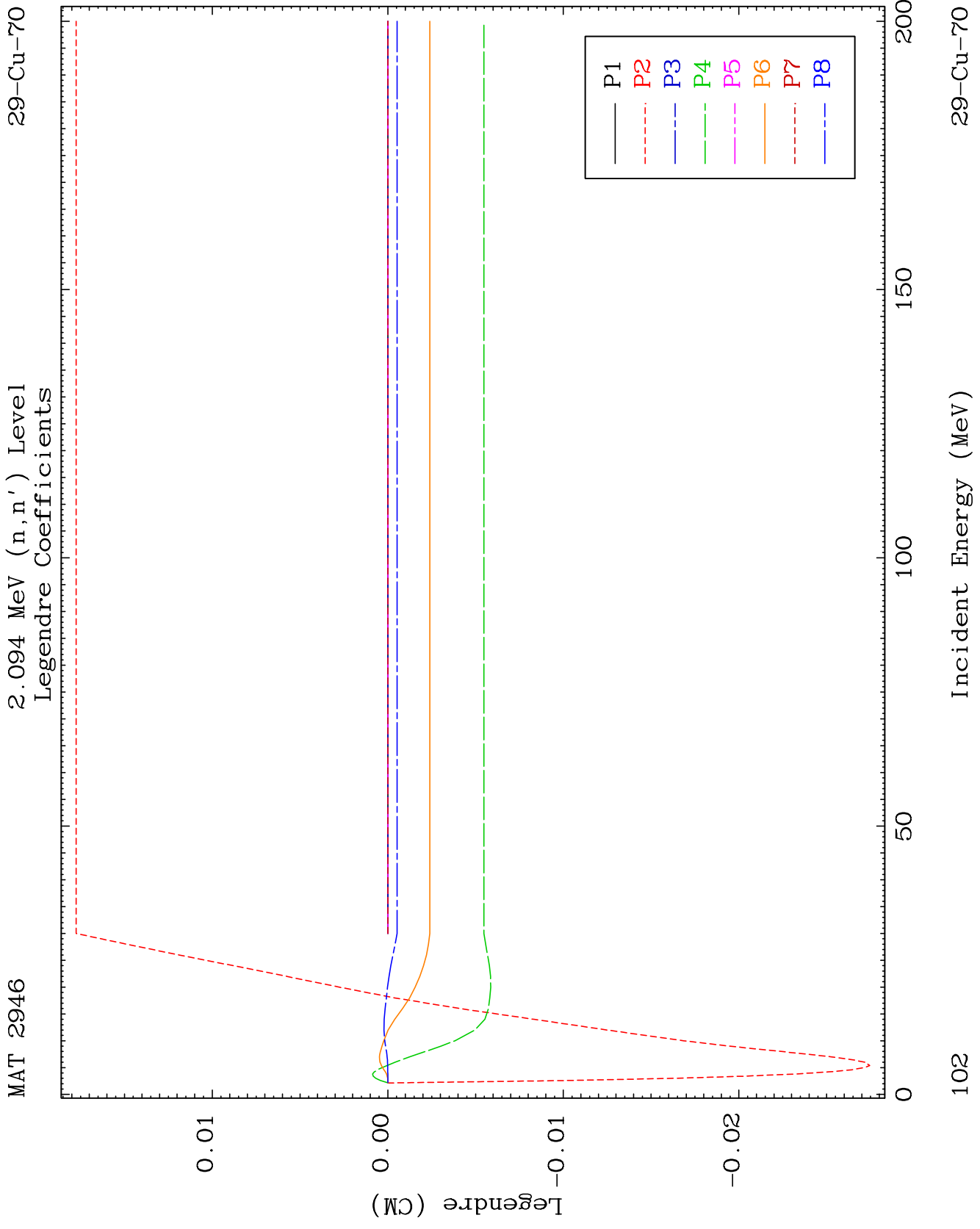


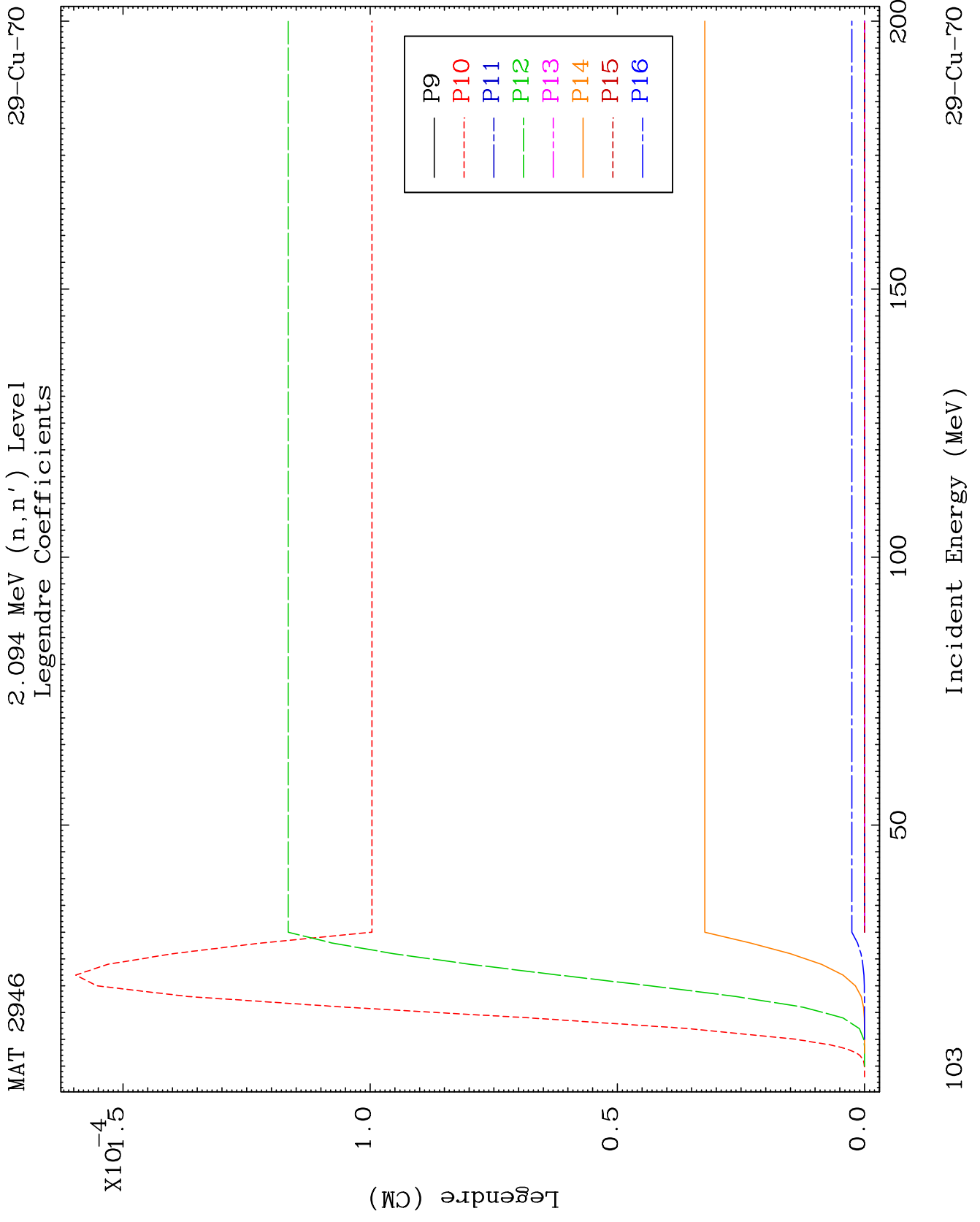


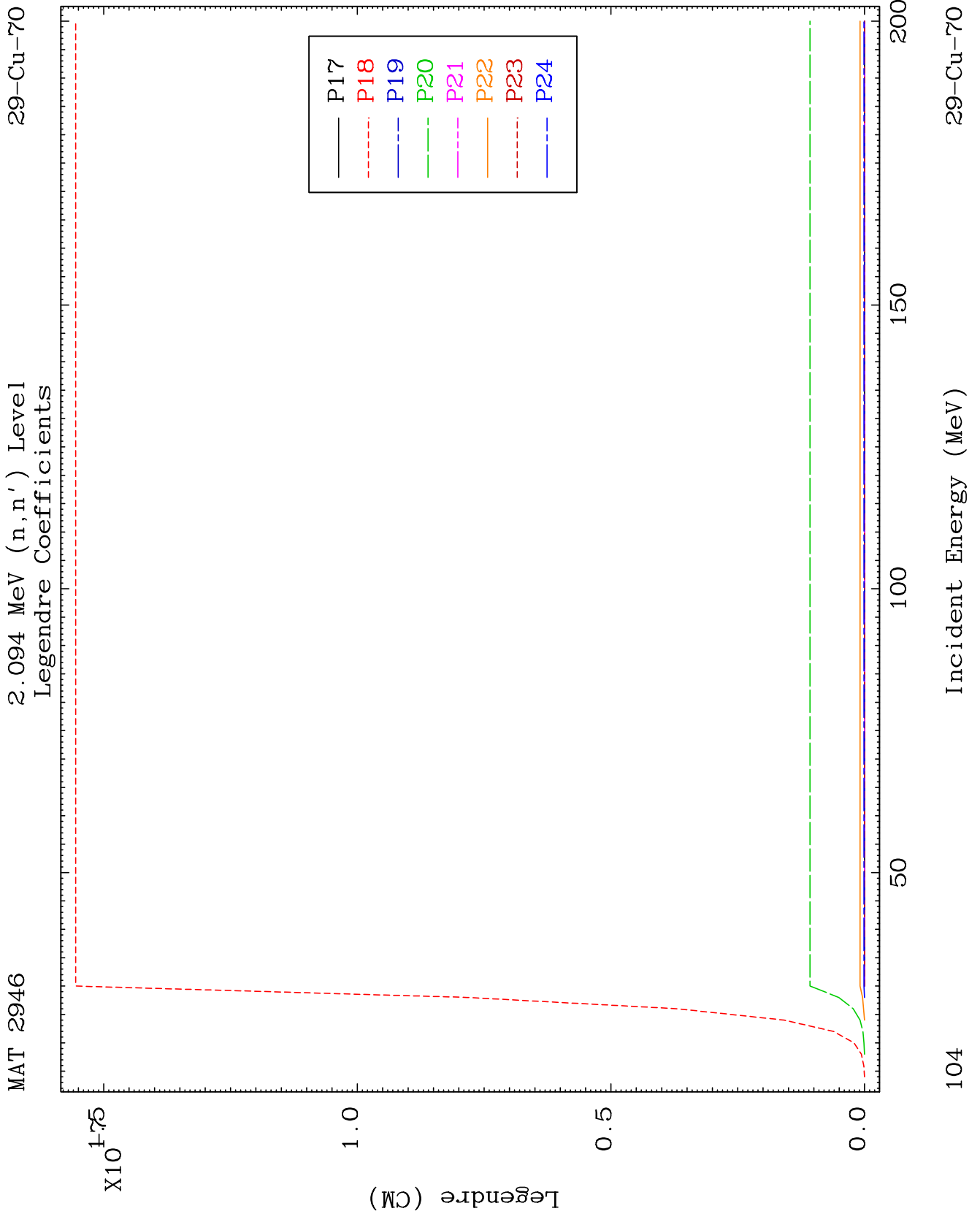


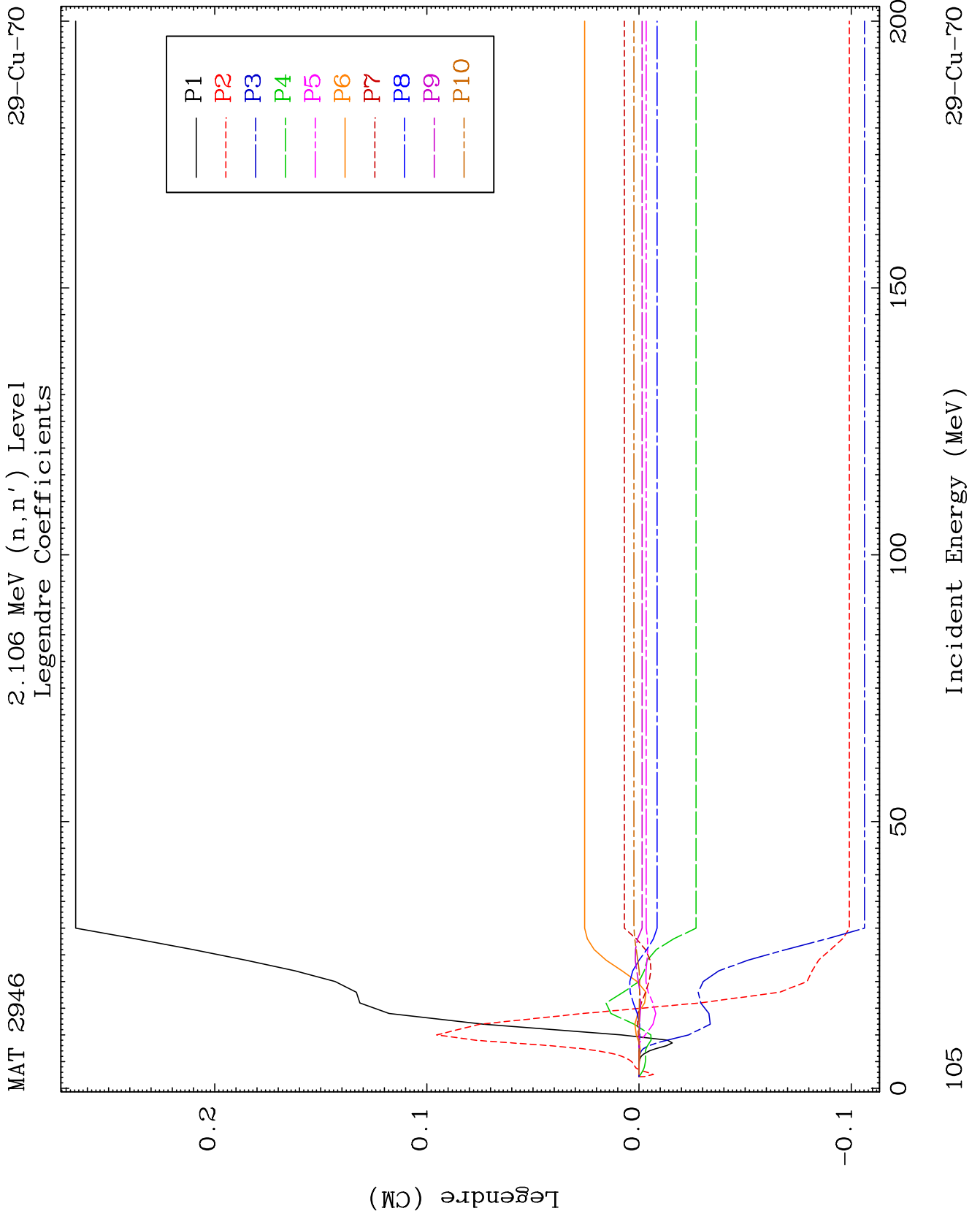


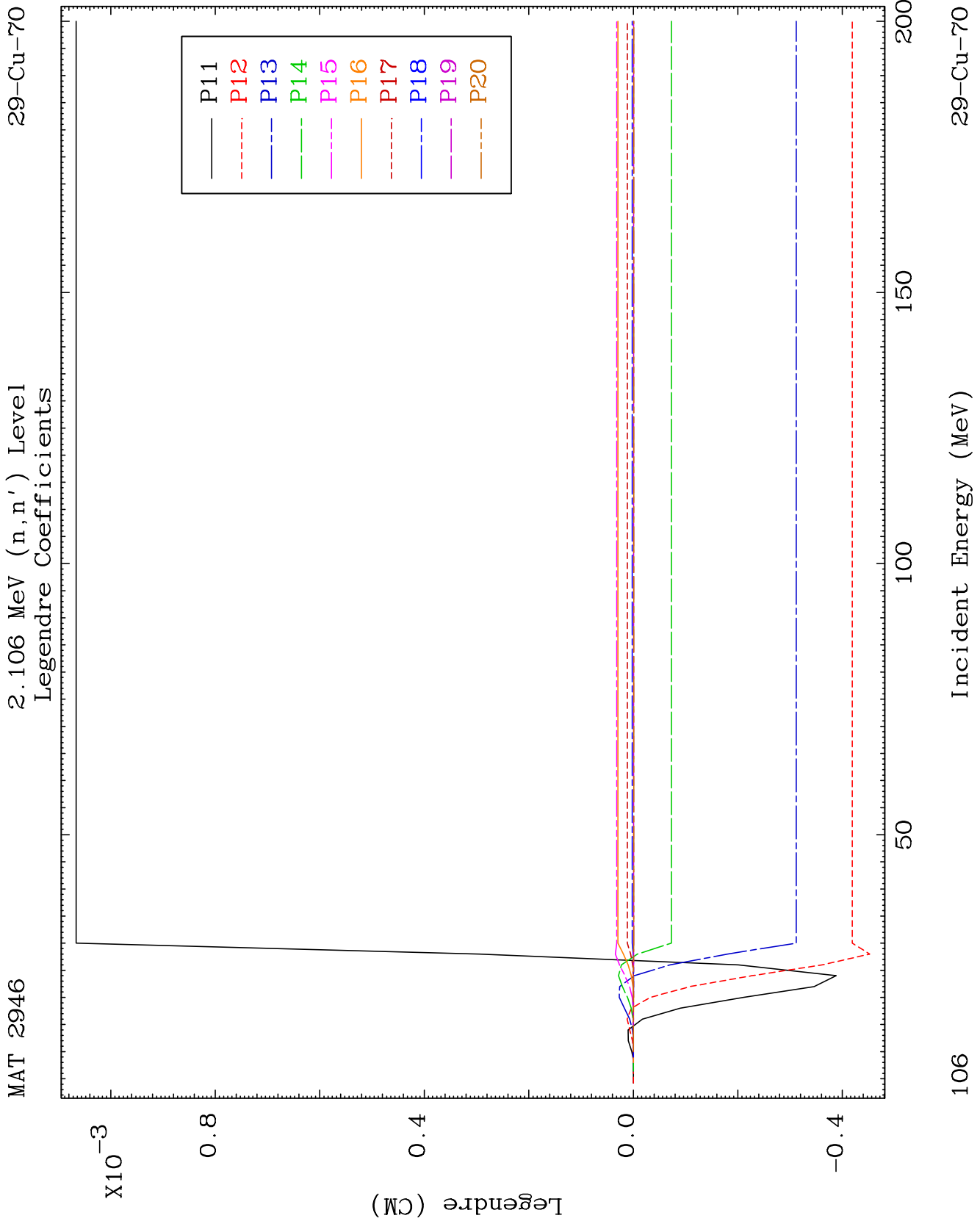


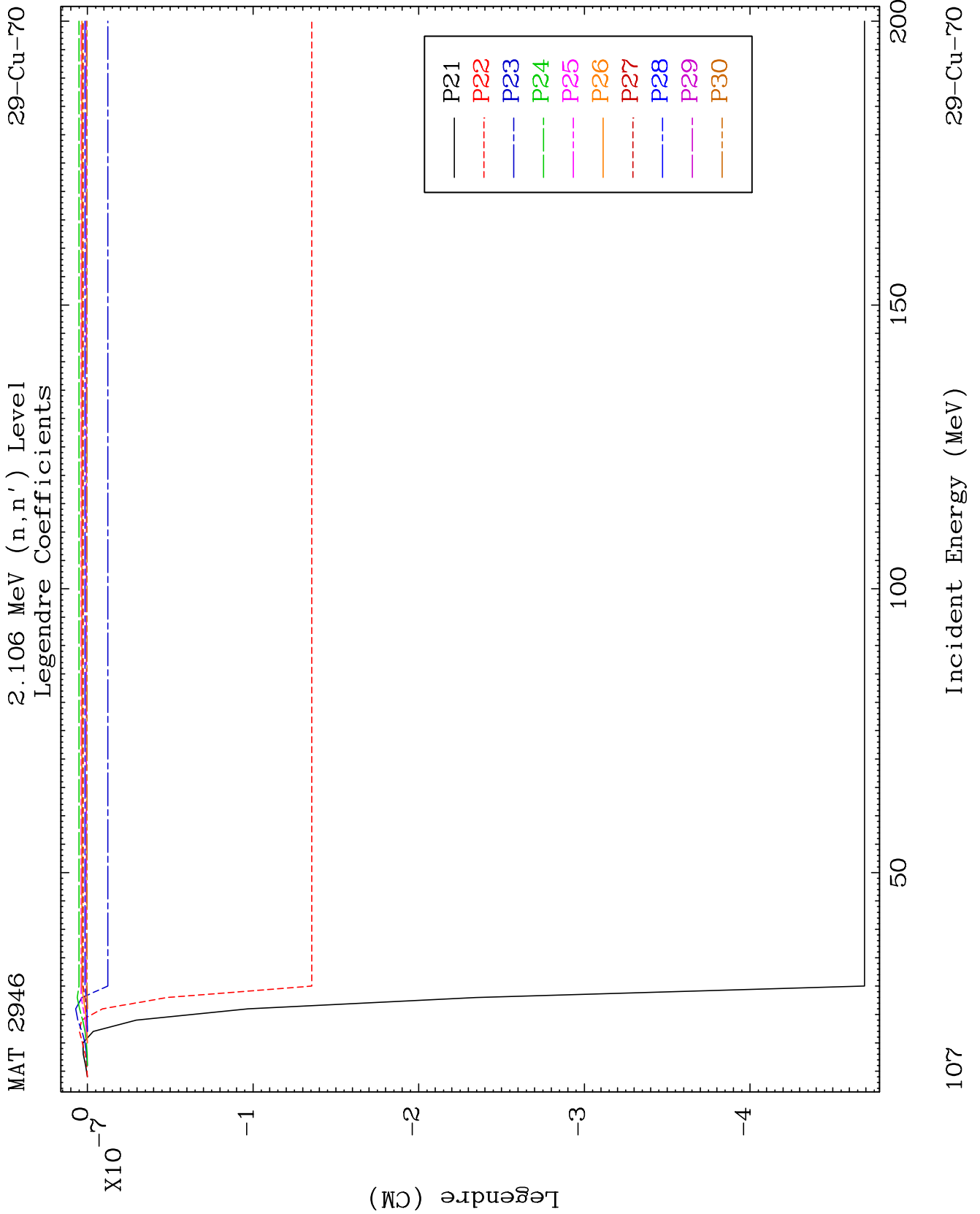


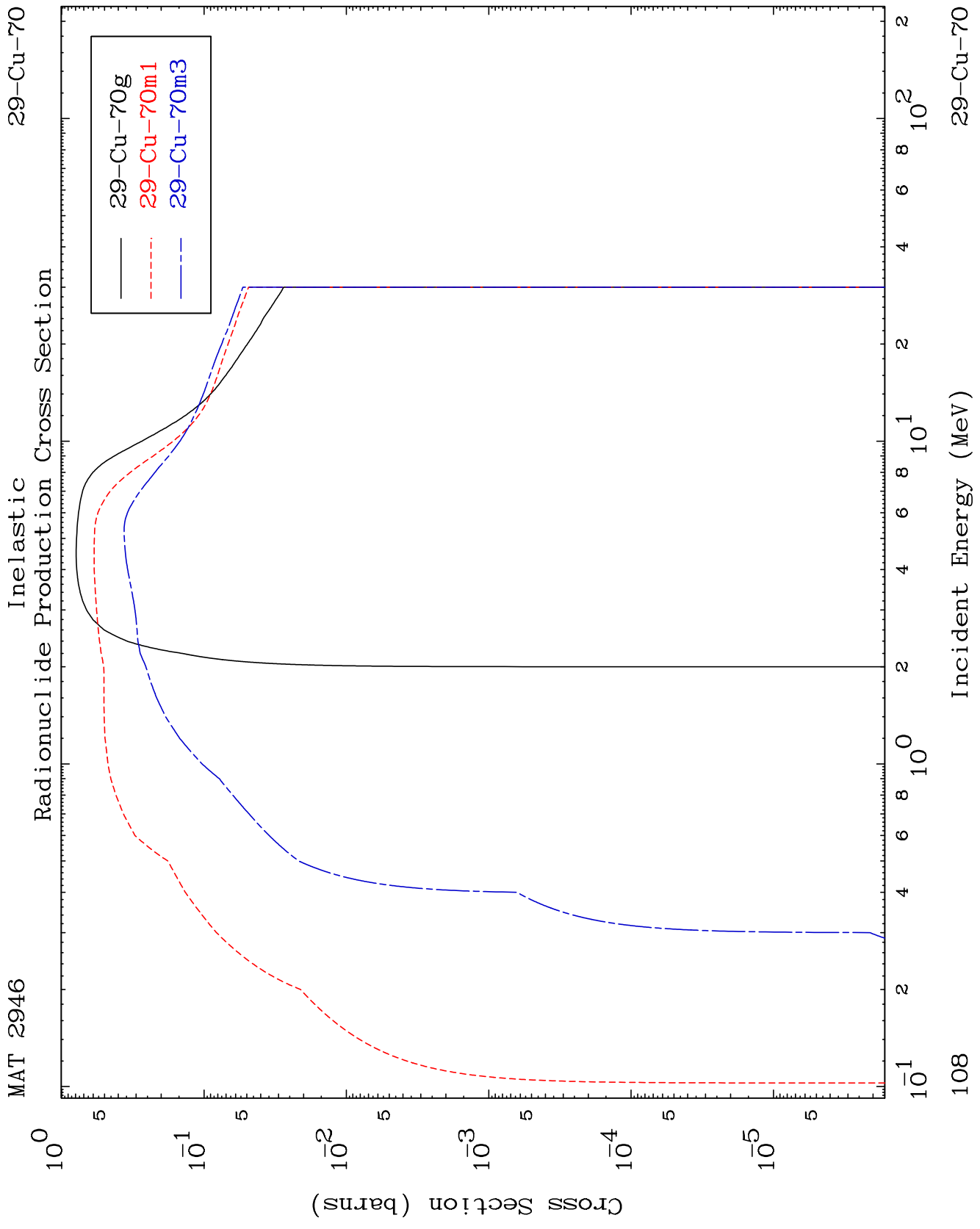










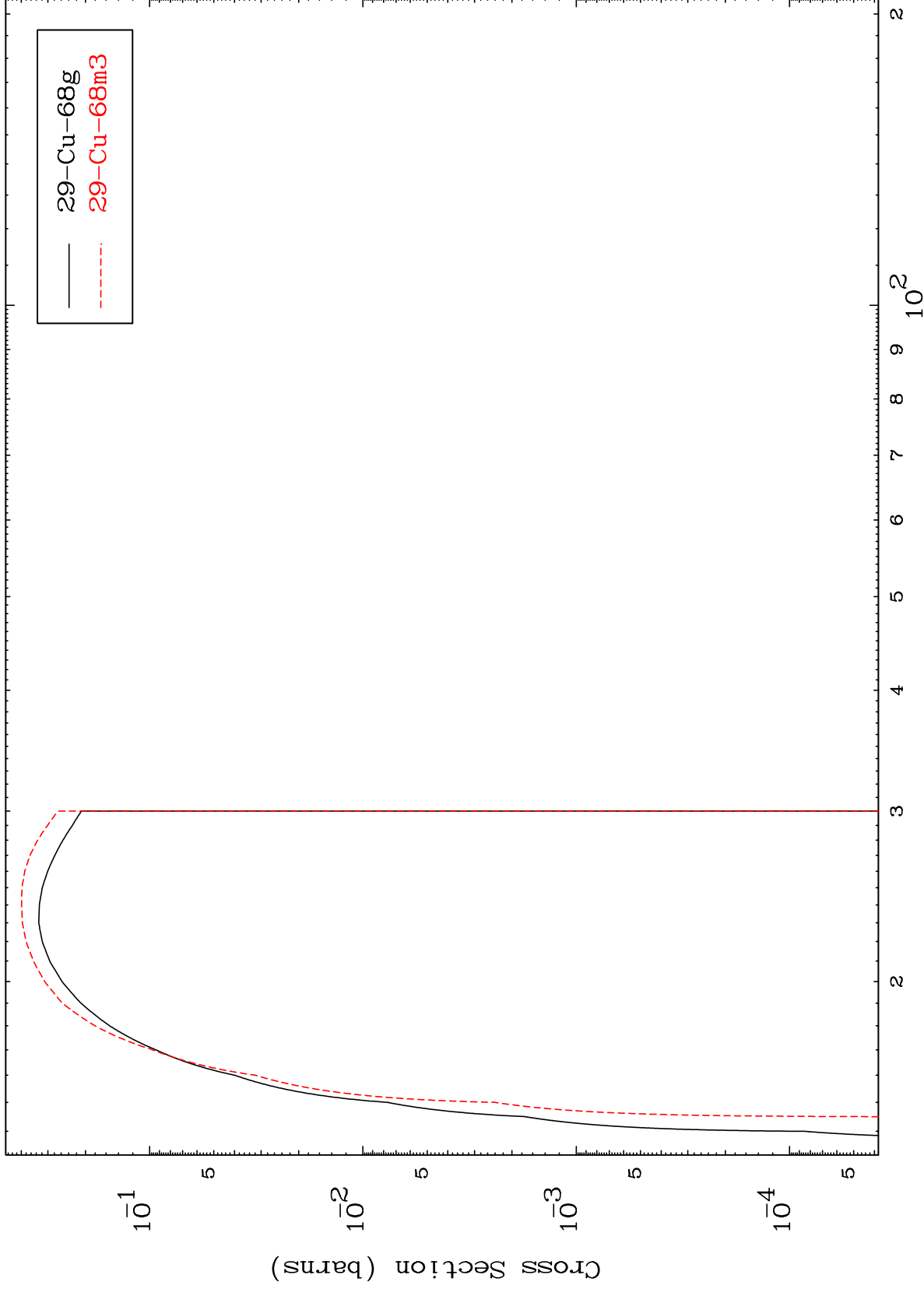


MAT 2946

(n,3n)

29-Cu-70

Radionuclide Production Cross Section



109

Incident Energy (MeV)

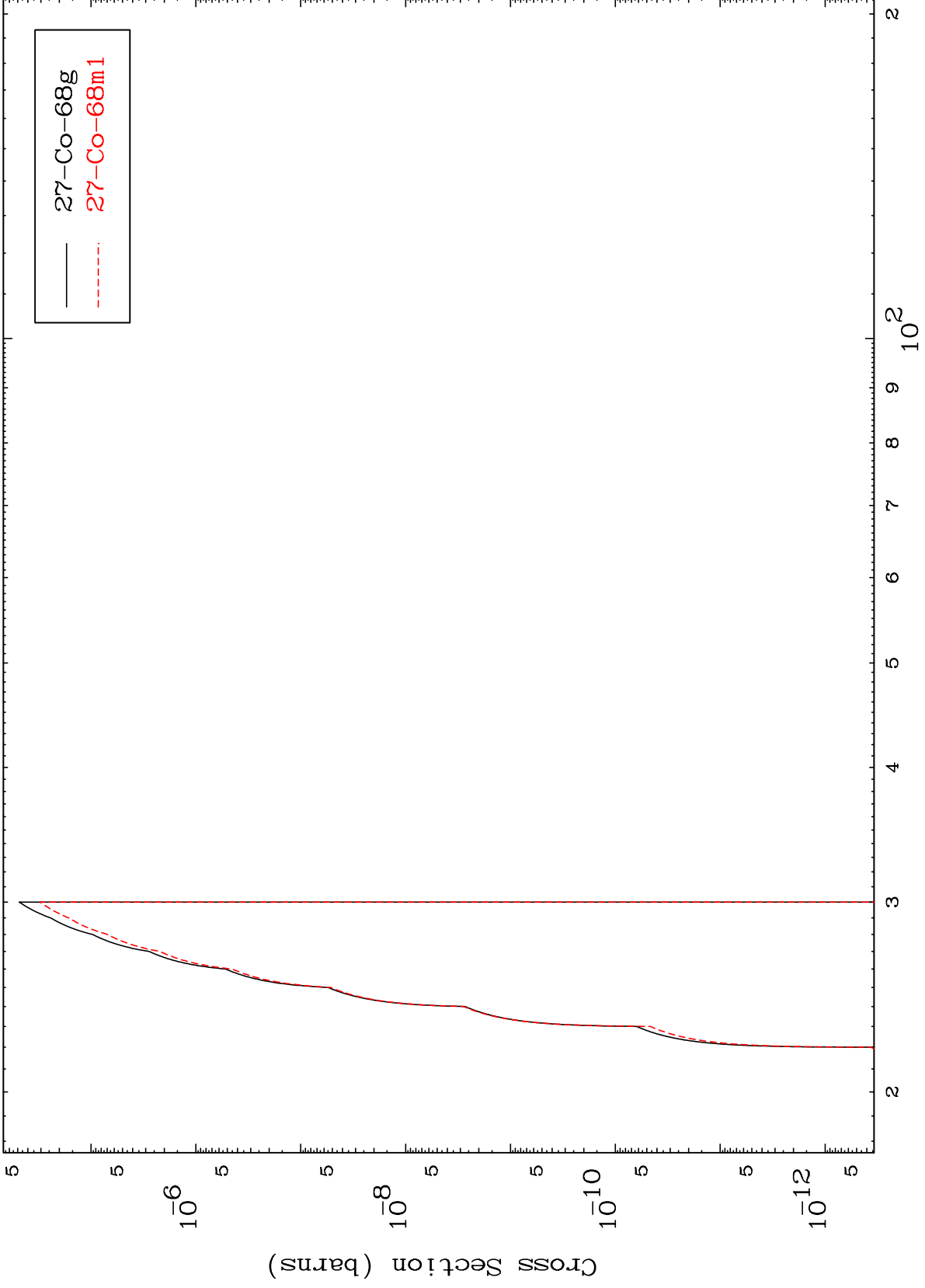
29-Cu-70

MAT 2946

(n,He-3)

29-Cu-70

Radionuclide Production Cross Section



110

Incident Energy (MeV)

29-Cu-70