

Program EVALPLOT
(Version 2021-1)

by

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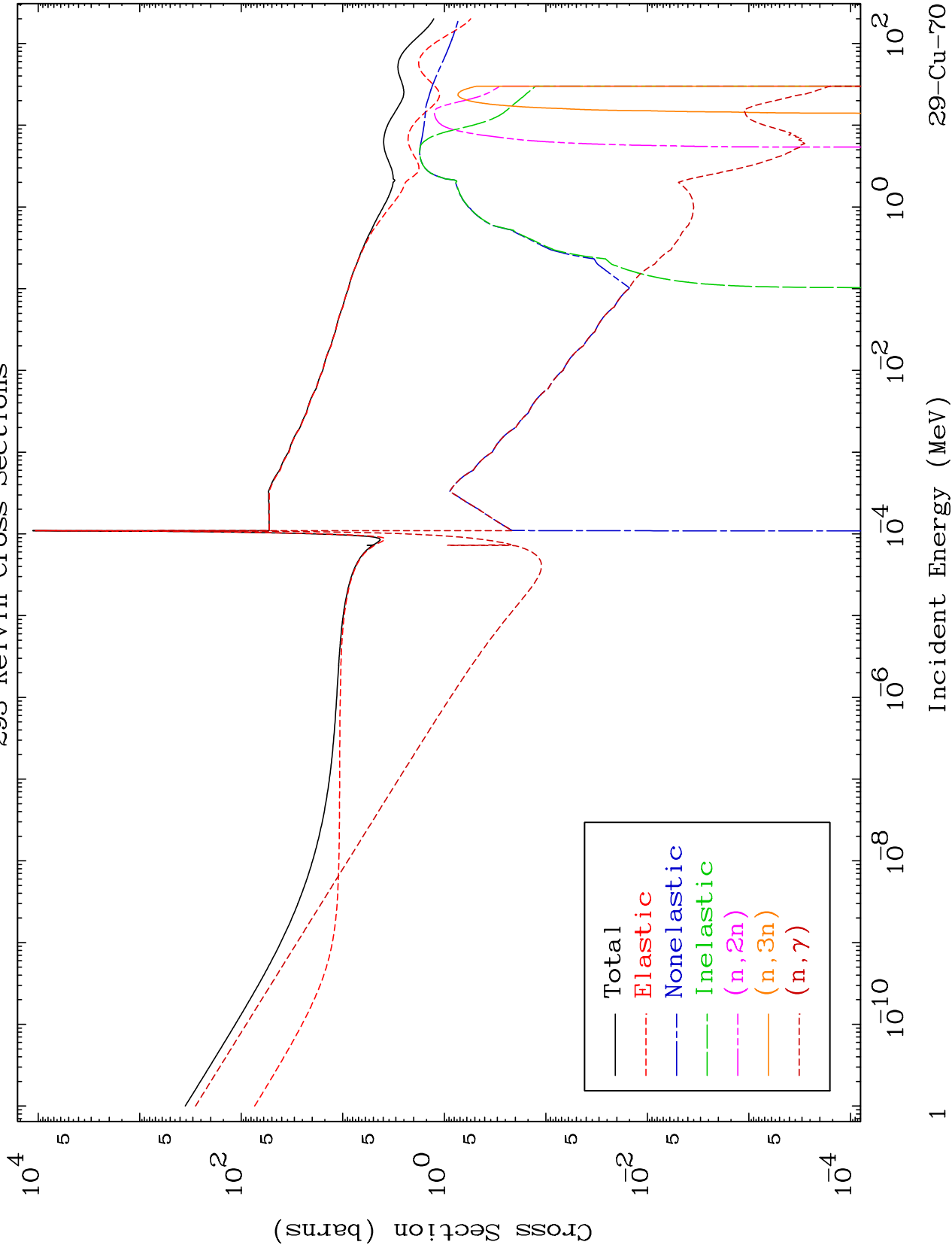
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2946

Neutron Major
293 Kelvin Cross Sections

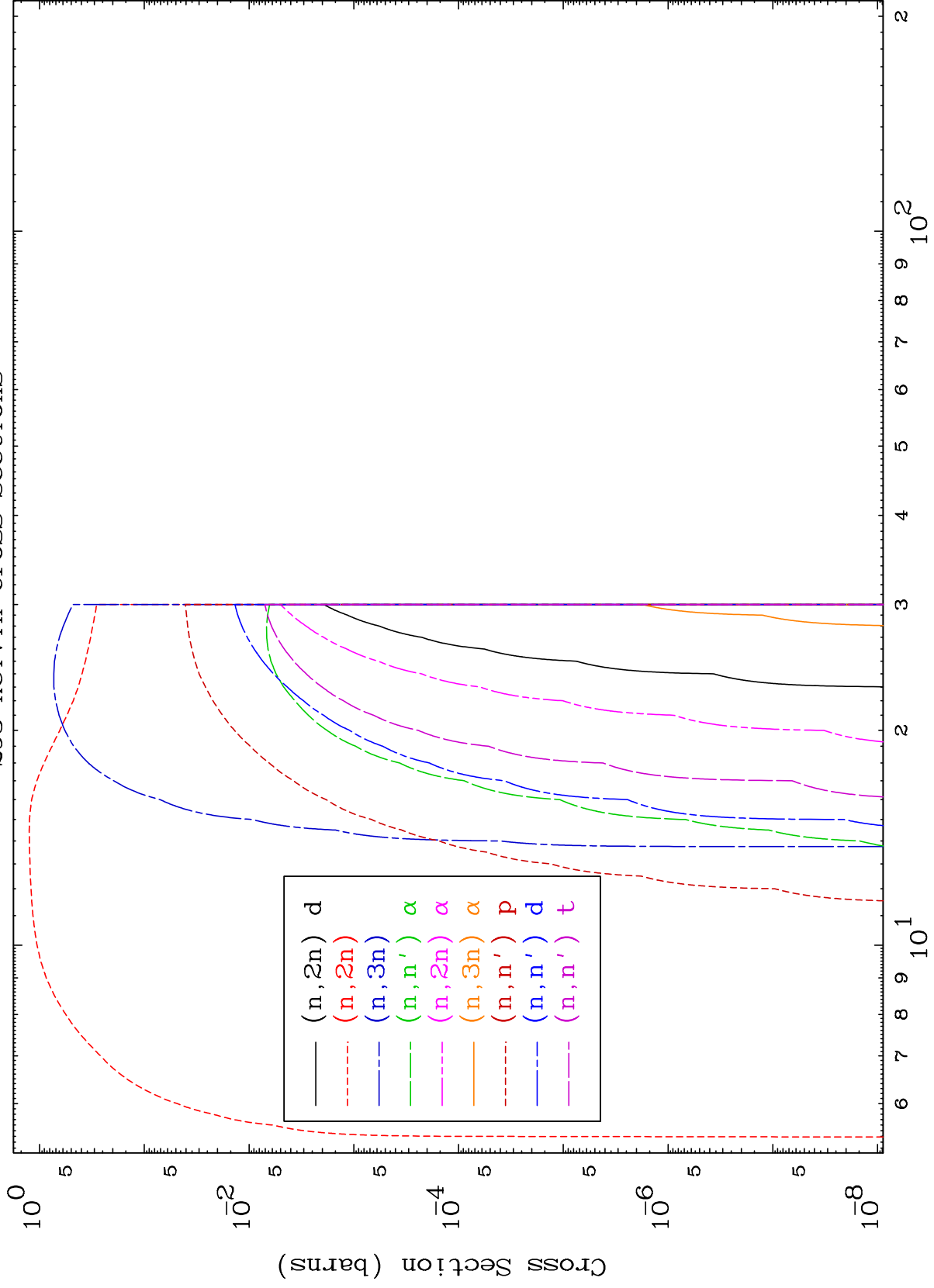
29-Cu-70



MAT 2946

Neutron Absorption
293 Kelvin Cross Sections

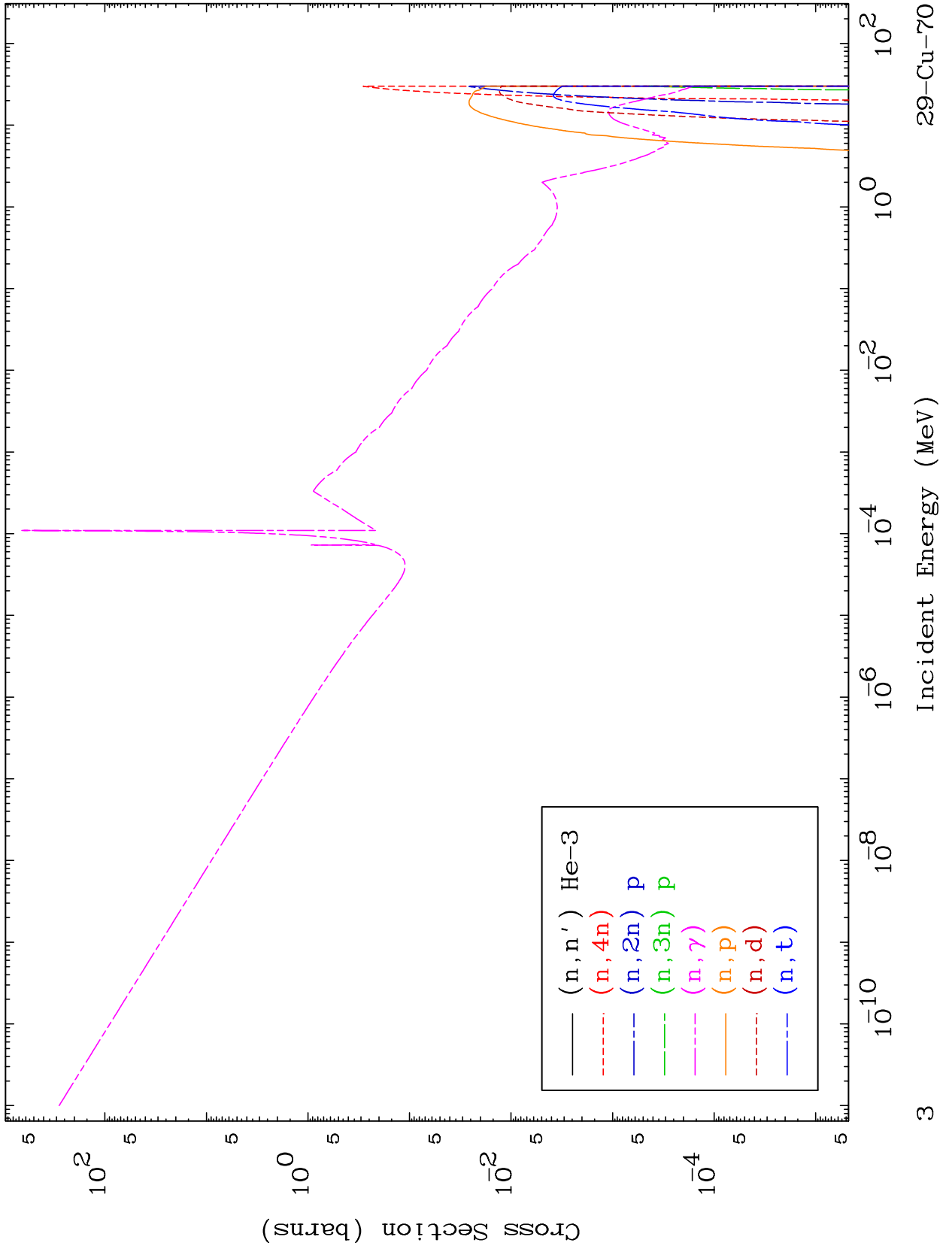
29-Cu-70



MAT 2946

Neutron Absorption
293 Kelvin Cross Sections

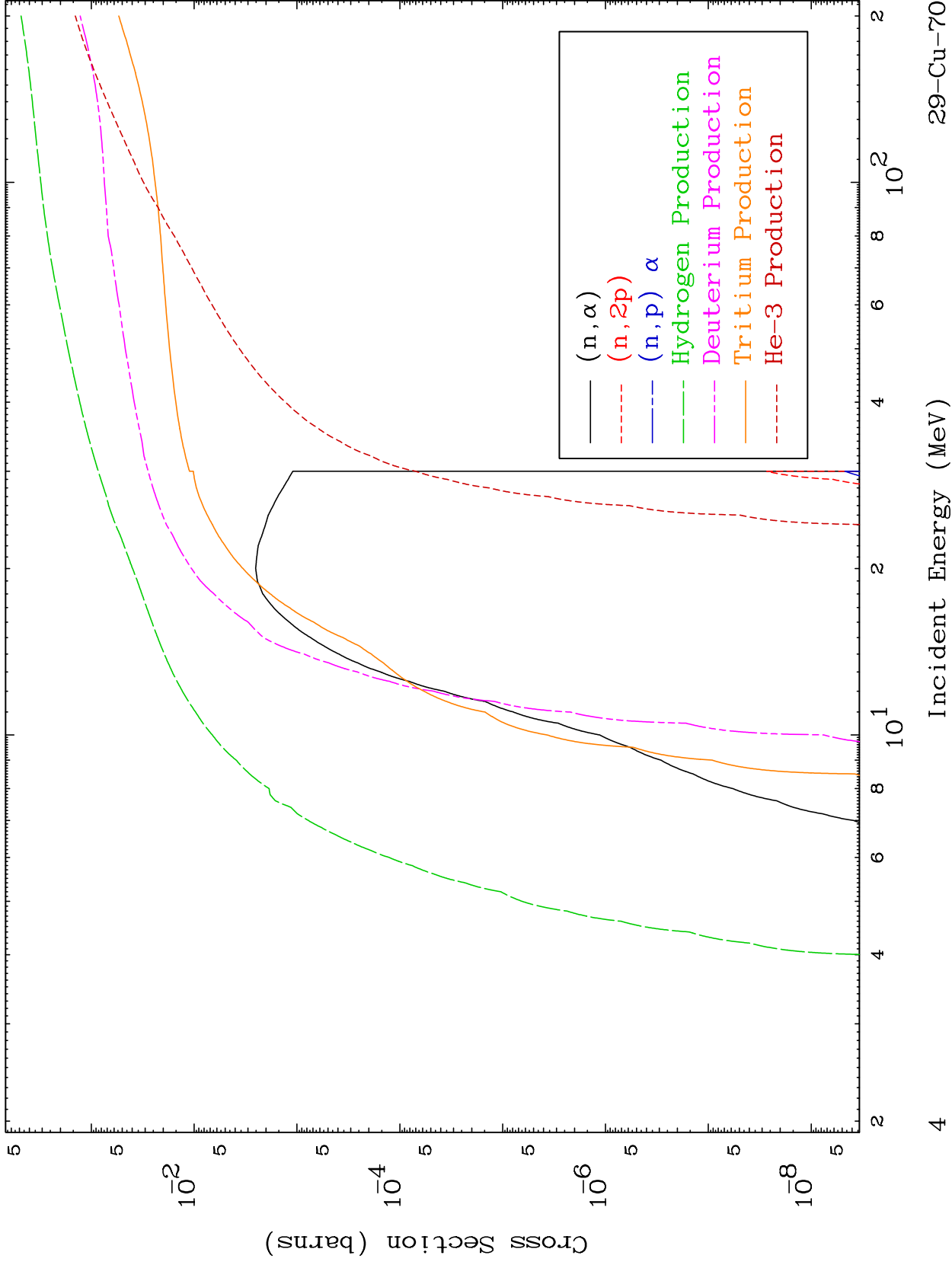
29-Cu-70



MAT 2946

Neutron Absorption
293 Kelvin Cross Sections

29-Cu-70



4

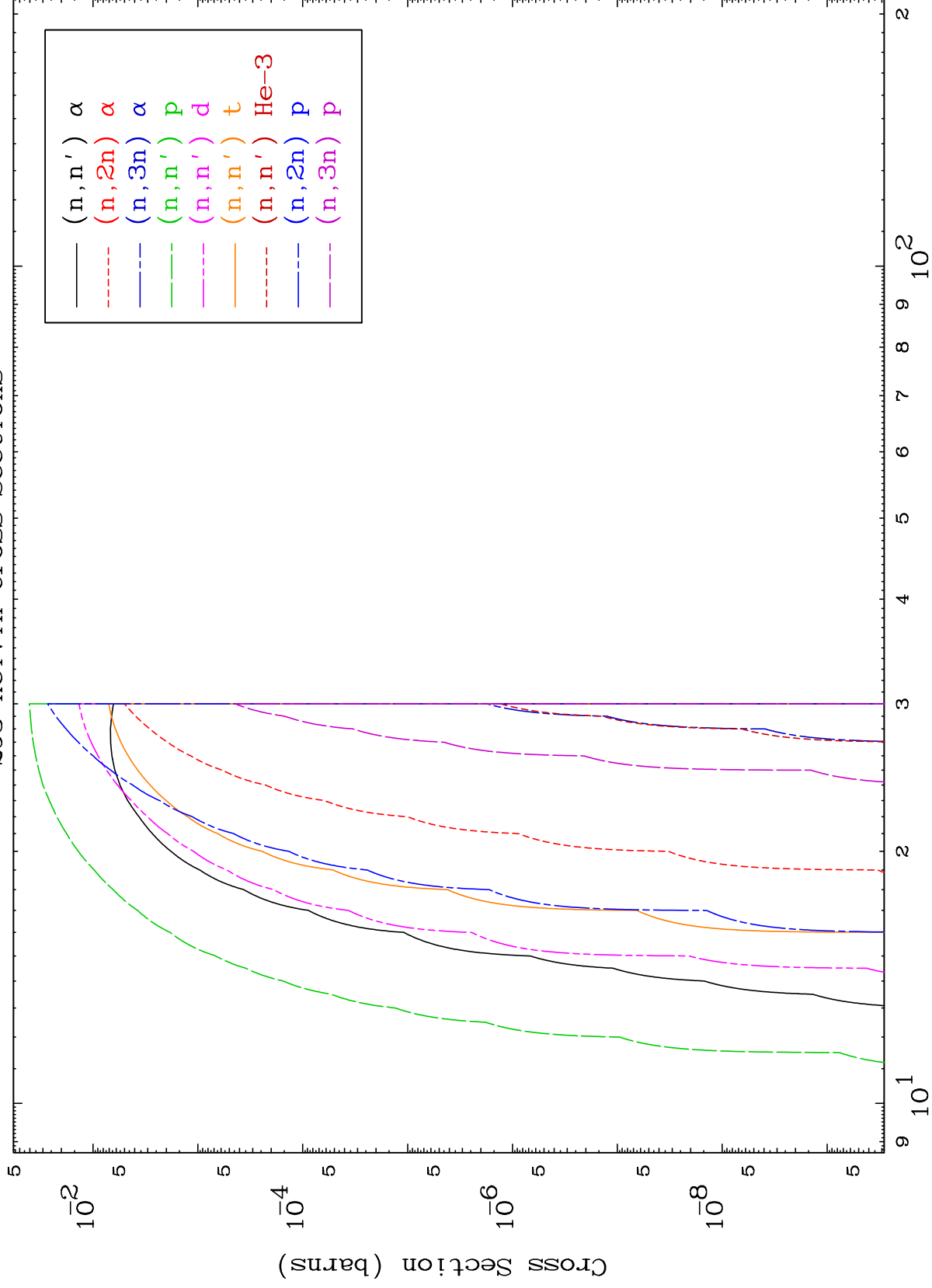
Incident Energy (MeV)

29-Cu-70

MAT 2946

Charged Particle
293 Kelvin Cross Sections

29-Cu-70



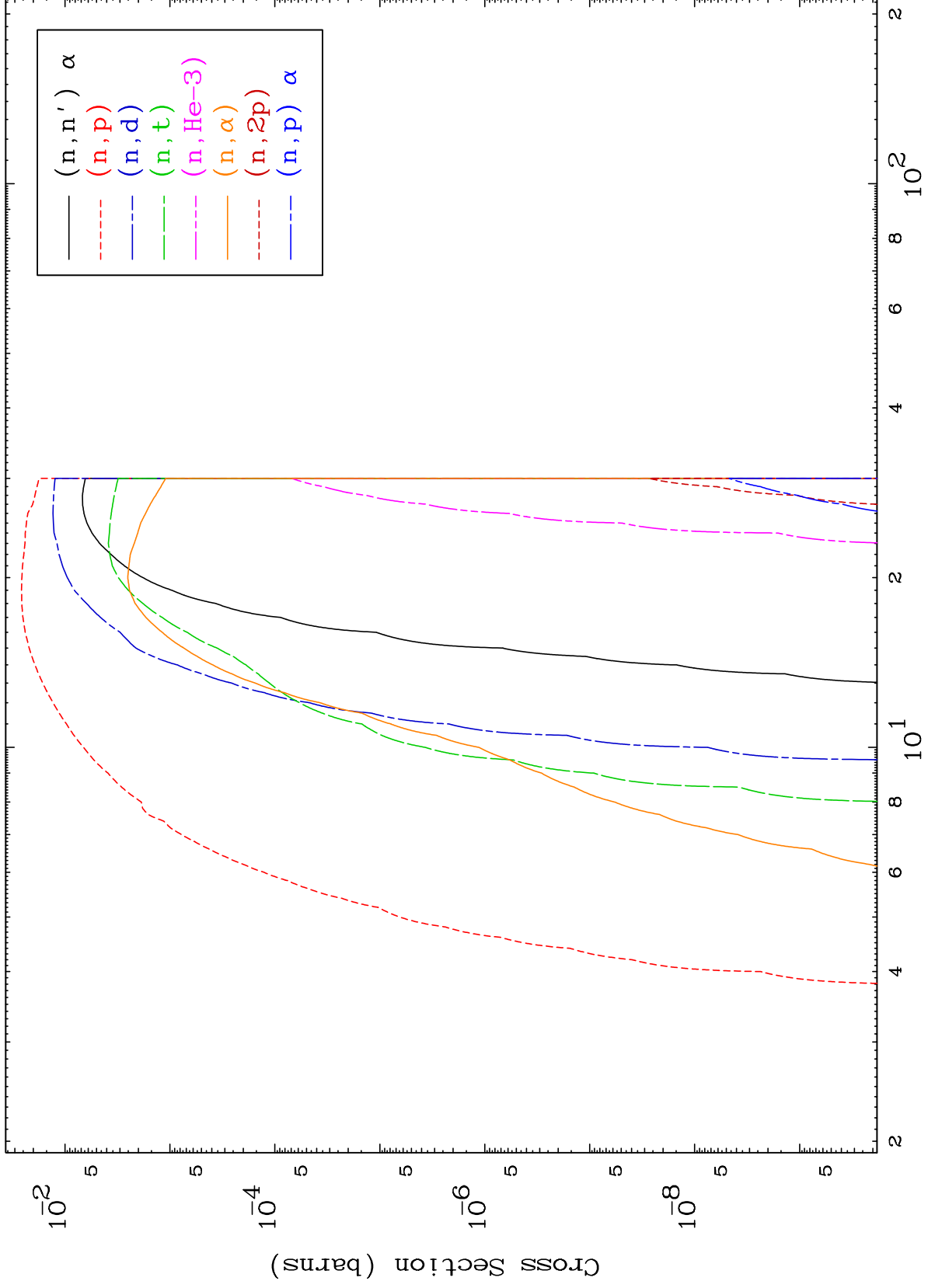
Incident Energy (MeV)

29-Cu-70

MAT 2946

Charged Particle
293 Kelvin Cross Sections

29-Cu-70



6

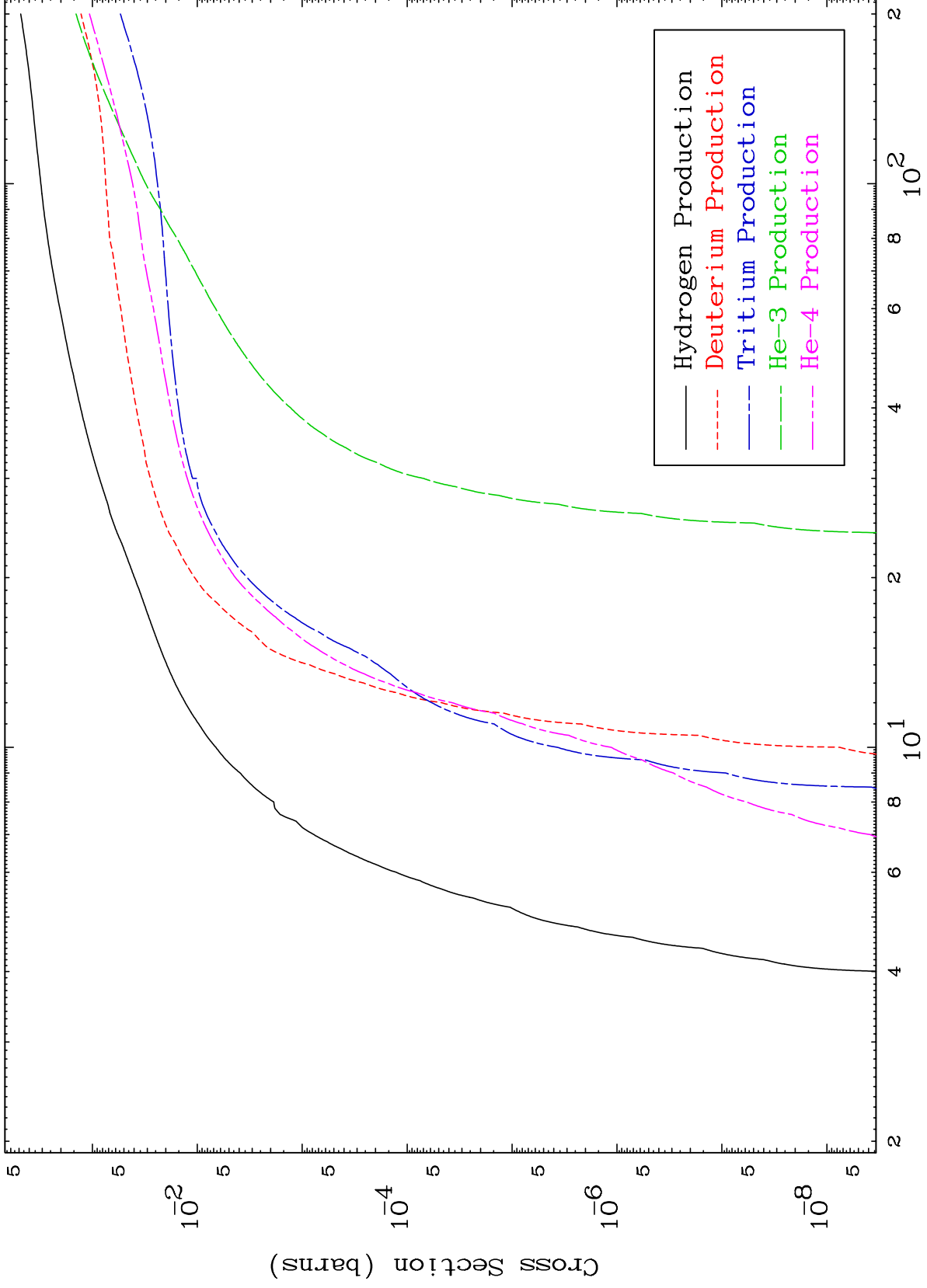
Incident Energy (MeV)

29-Cu-70

MAT 2946

Particle Production
293 Kelvin Cross Sections

29-Cu-70



7

Incident Energy (MeV)

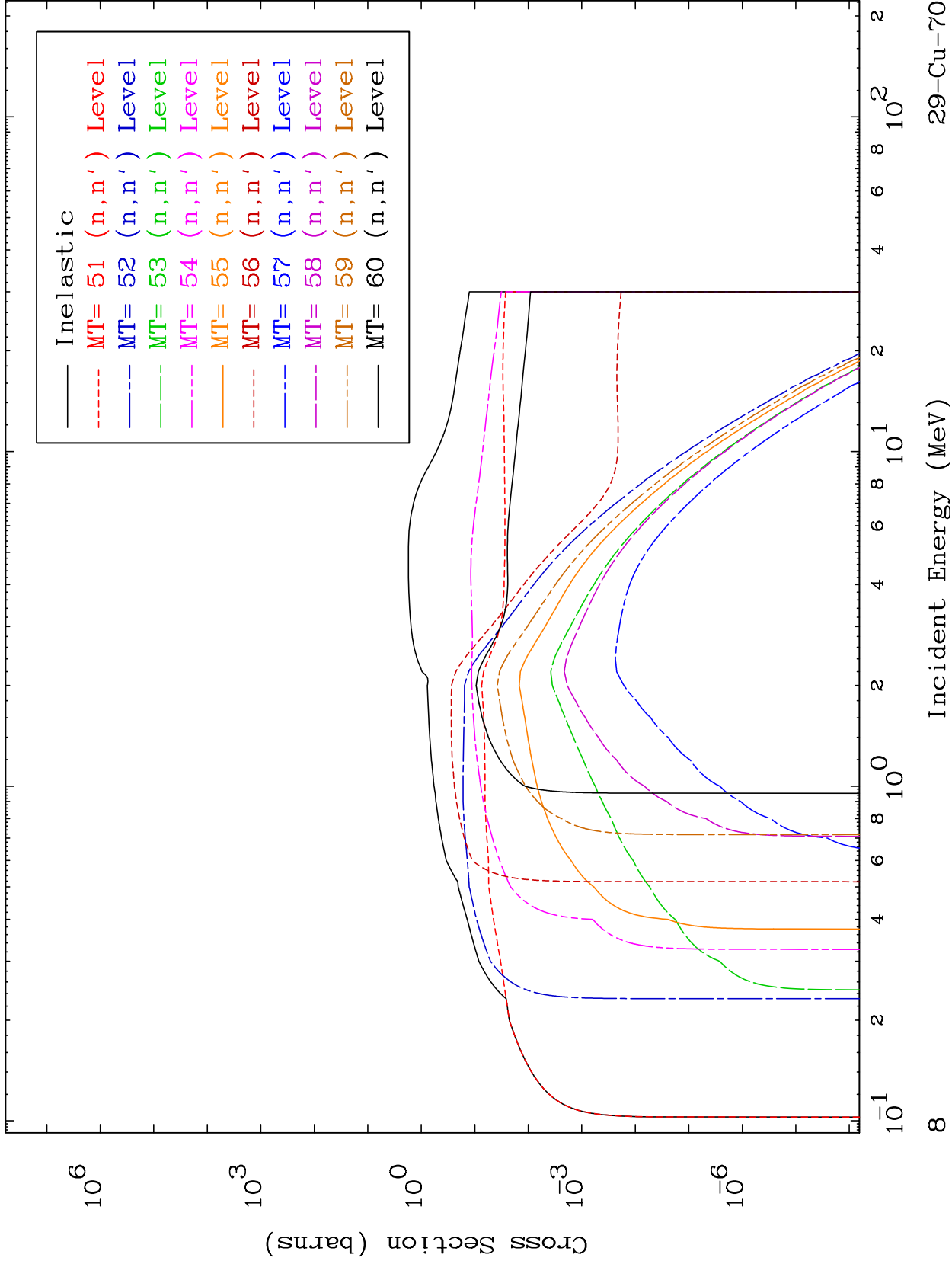
29-Cu-70

MAT 2946

(n,n') Levels

29-Cu-70

293 Kelvin Cross Sections



8

Incident Energy (MeV)

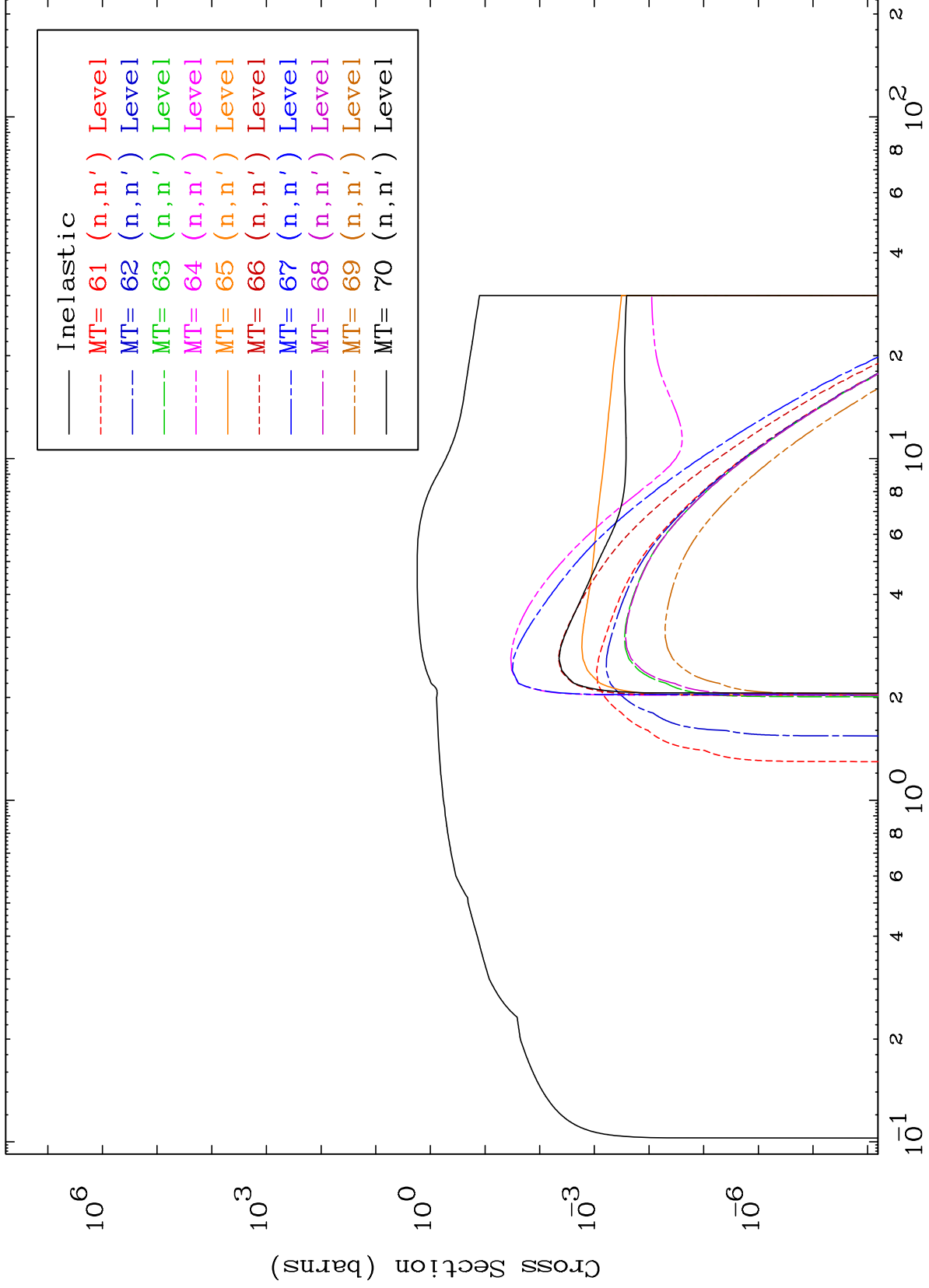
29-Cu-70

MAT 2946

(n,n') Levels

29-Cu-70

293 Kelvin Cross Sections



Incident Energy (MeV)

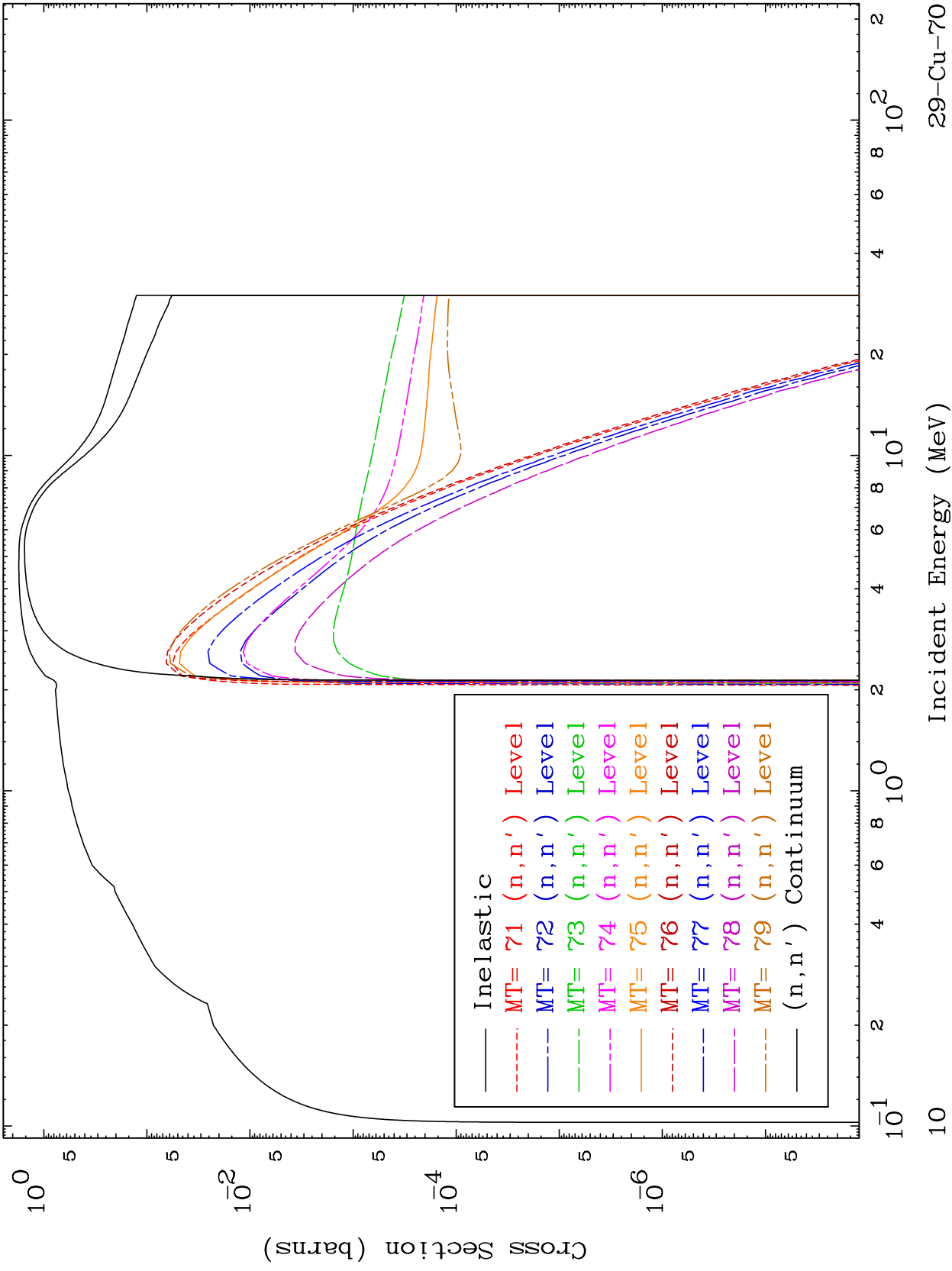
29-Cu-70

9

MAT 2946

293 Kelvin Cross Sections
(n,n') Levels

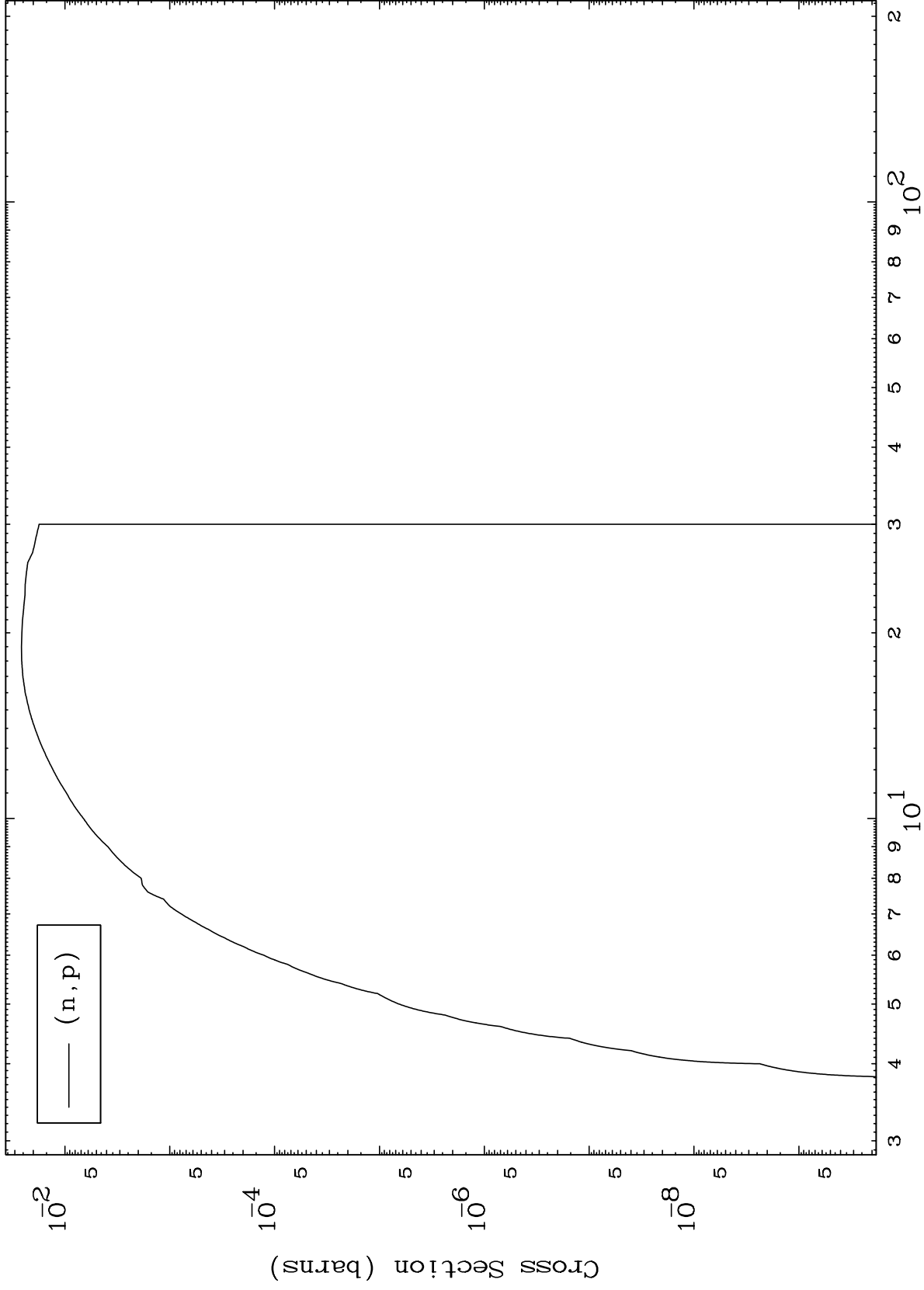
29-Cu-70



MAT 2946

(n,p) Levels
293 Kelvin Cross Sections

29-Cu-70



Incident Energy (MeV)

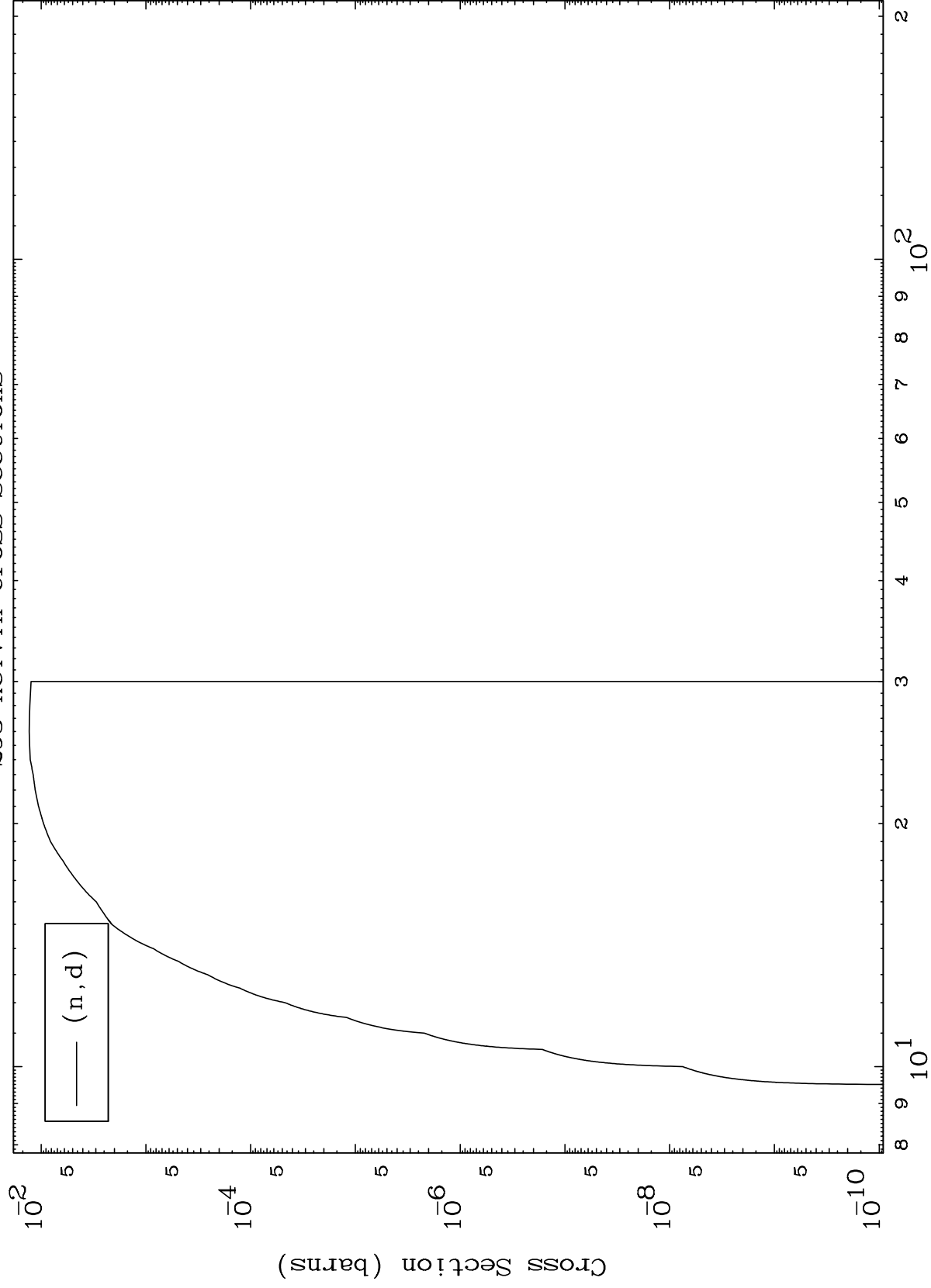
29-Cu-70

11

MAT 2946

(n,d) Levels
293 Kelvin Cross Sections

29-Cu-70



12

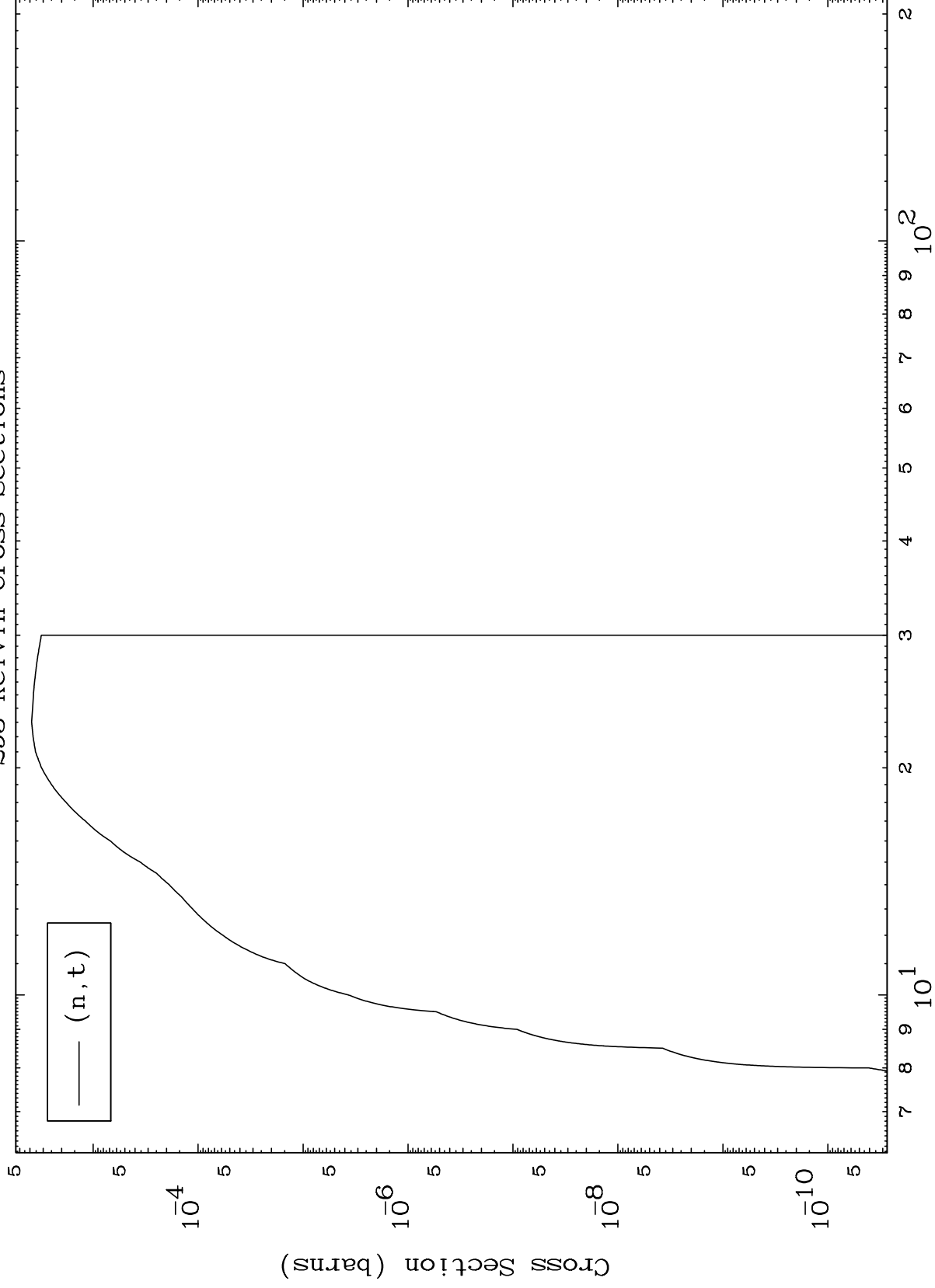
Incident Energy (MeV)

29-Cu-70

MAT 2946

(n, t) Levels
293 Kelvin Cross Sections

29-Cu-70



13

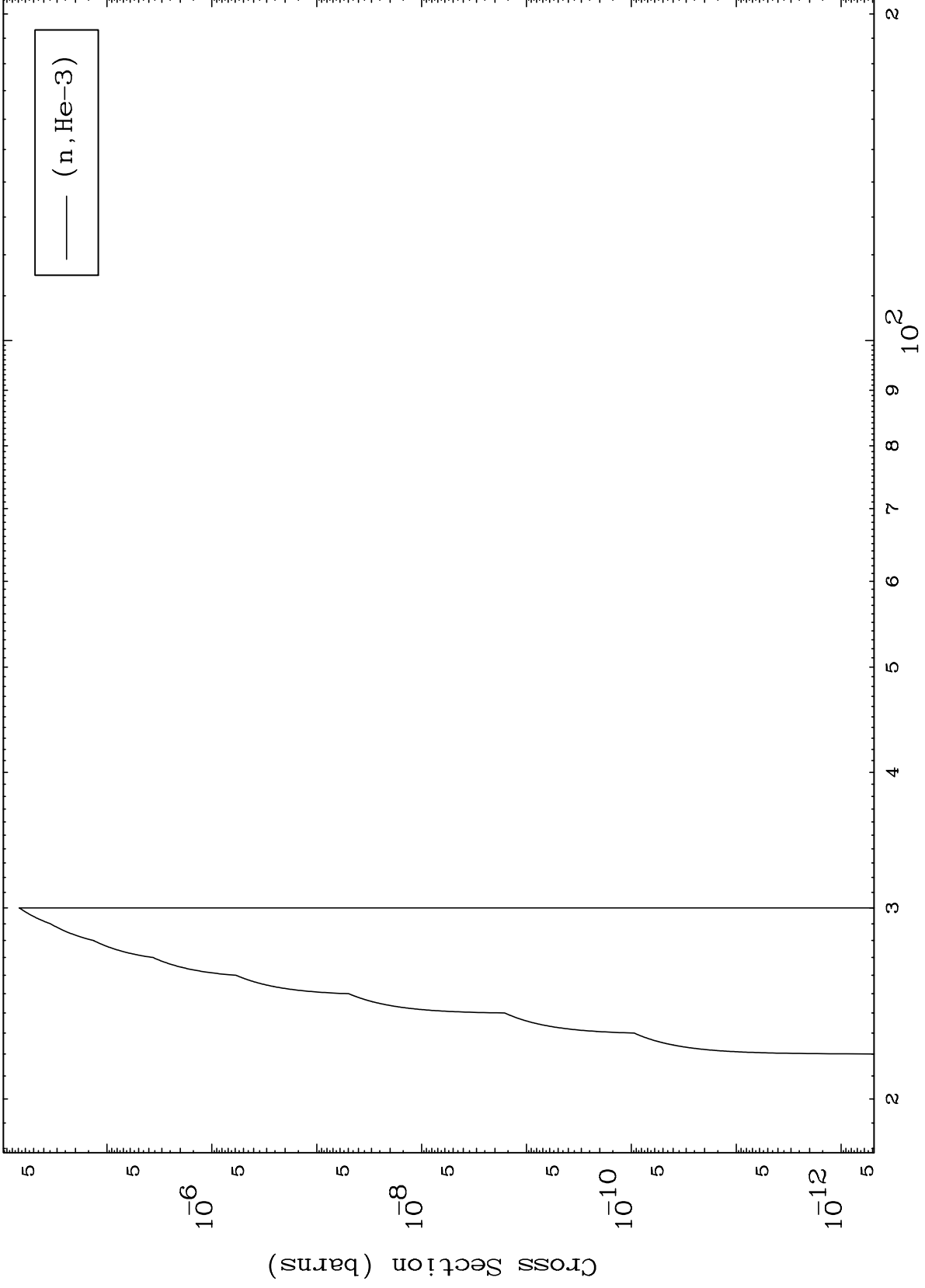
Incident Energy (MeV)

29-Cu-70

MAT 2946

(n,He3) Levels
293 Kelvin Cross Sections

29-Cu-70



14

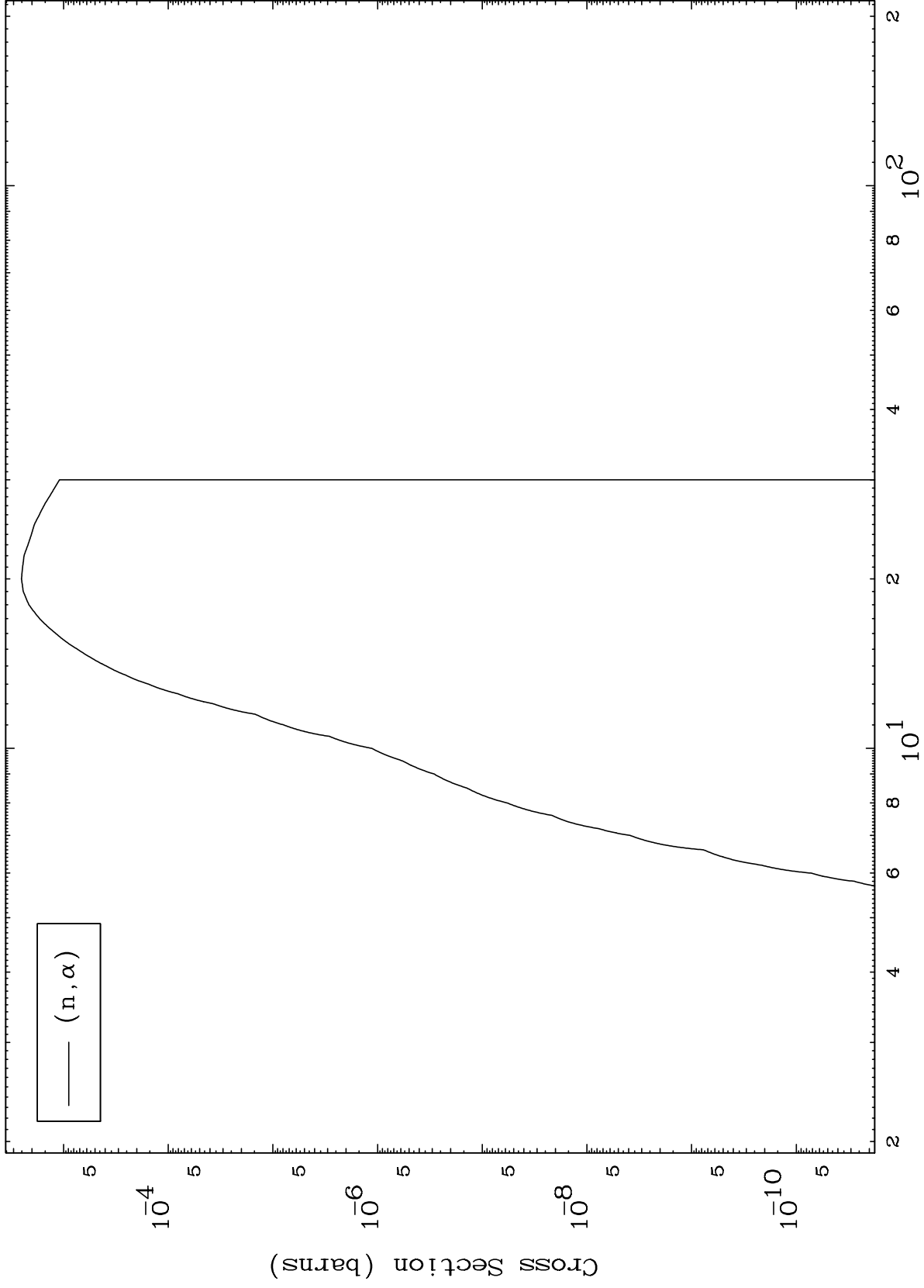
Incident Energy (MeV)

29-Cu-70

MAT 2946

(n, α) Levels
293 Kelvin Cross Sections

29-Cu-70



15

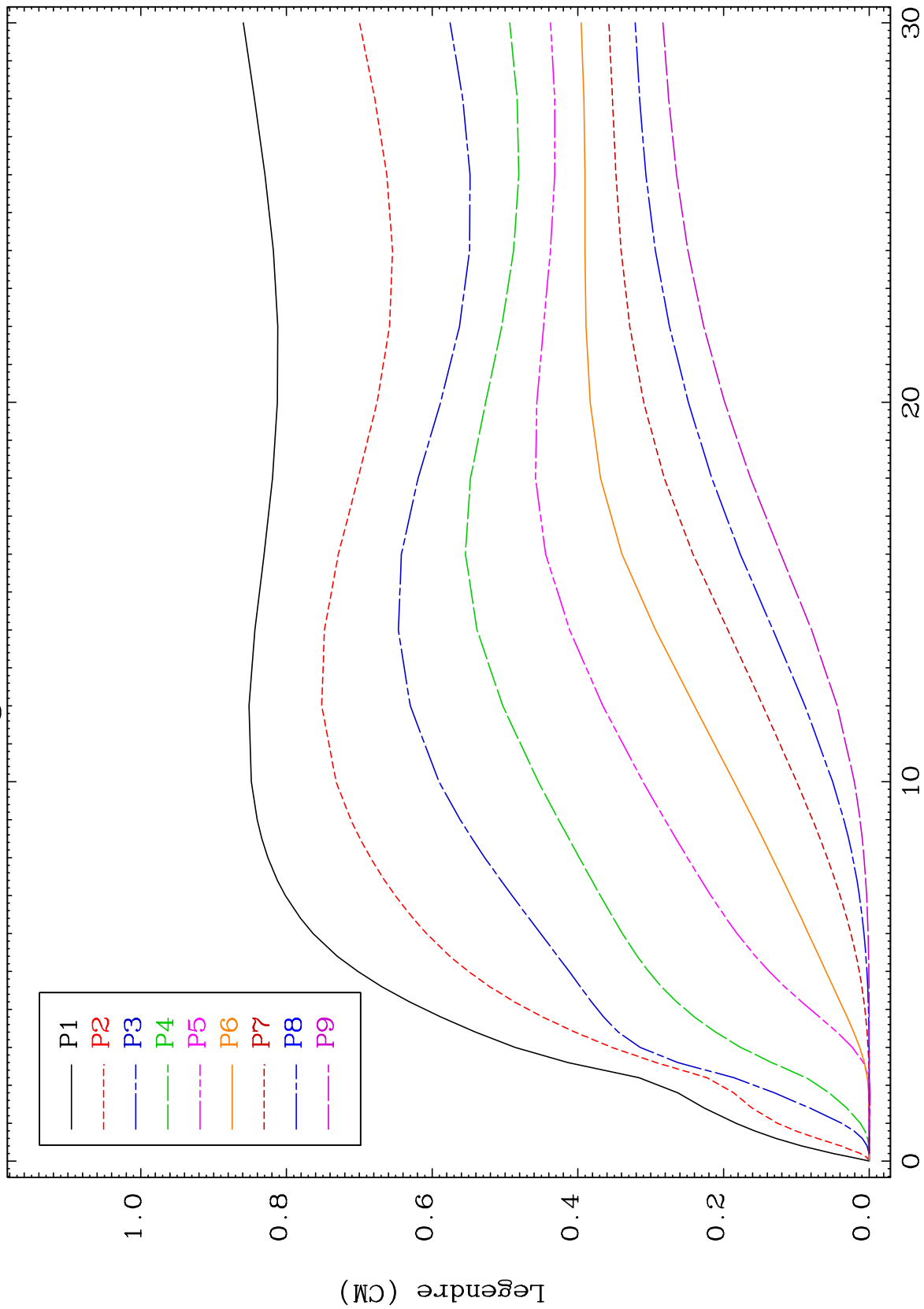
Incident Energy (MeV)

29-Cu-70

MAT 2946

Elastic Legendre Coefficients

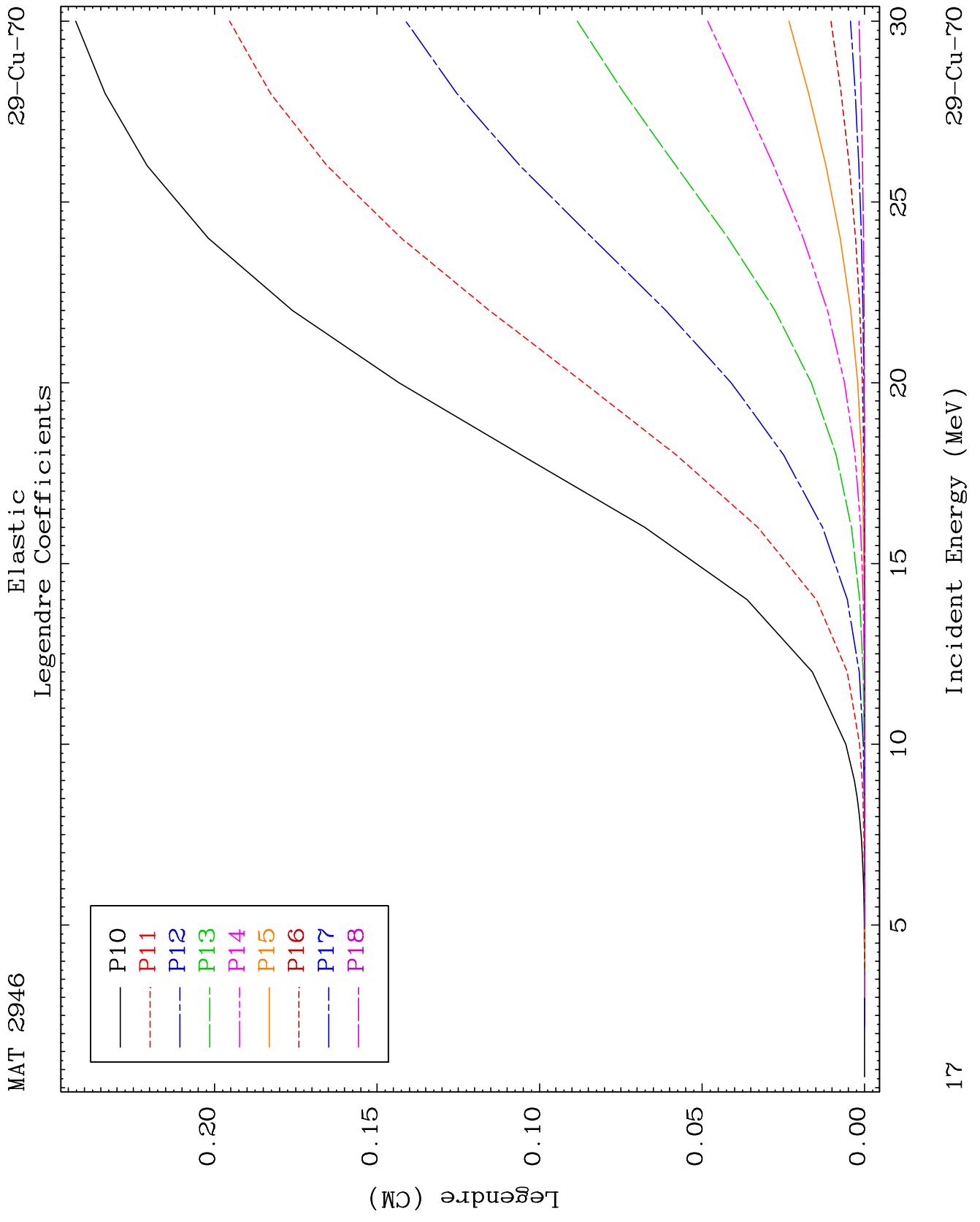
29-Cu-70



16

Incident Energy (MeV)

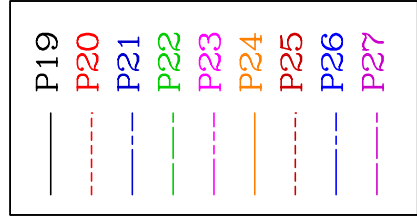
29-Cu-70



MAT 2946

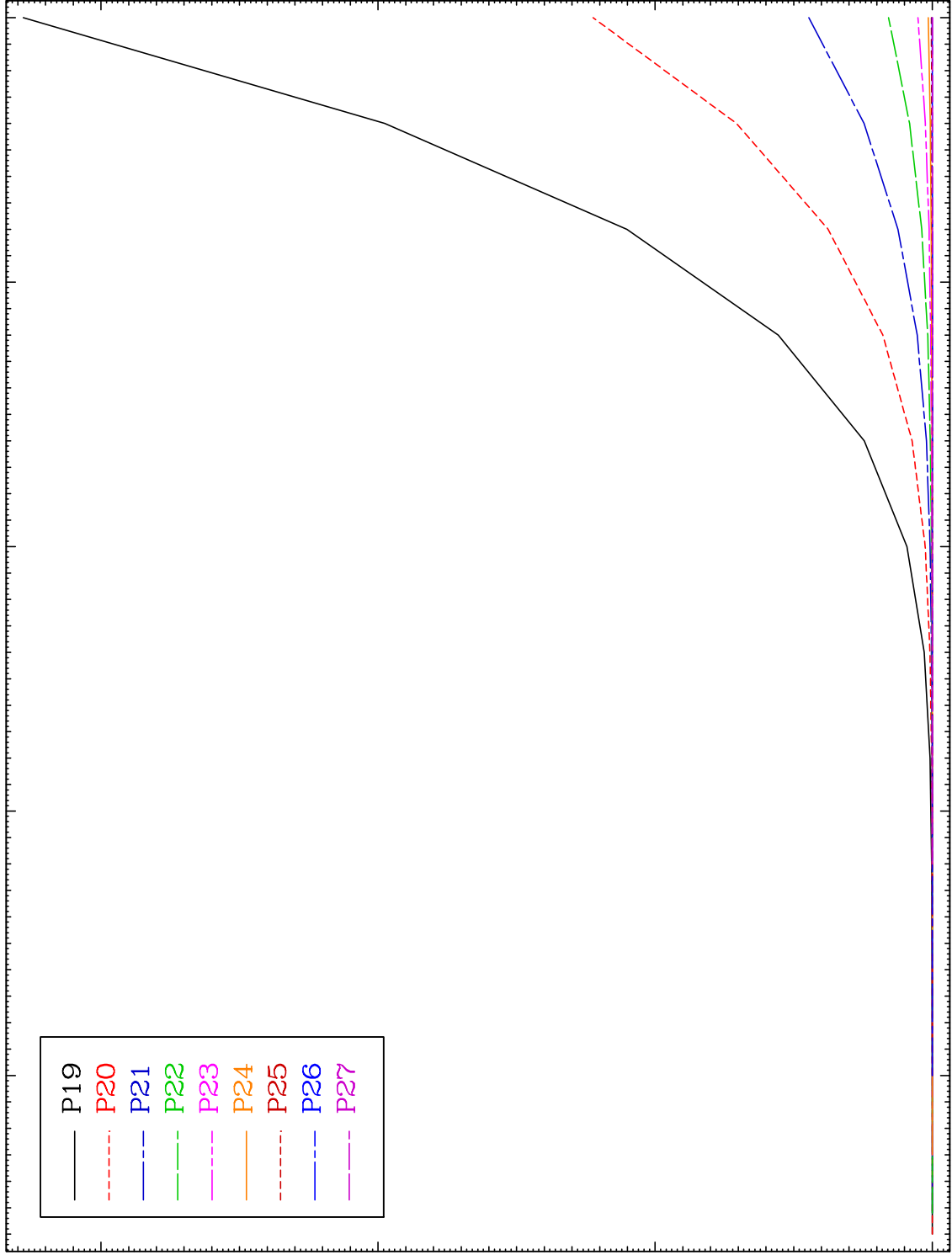
Elastic Legendre Coefficients

29-Cu-70



$\times 10^{-4}$

Legendre (CM)



0

15

20

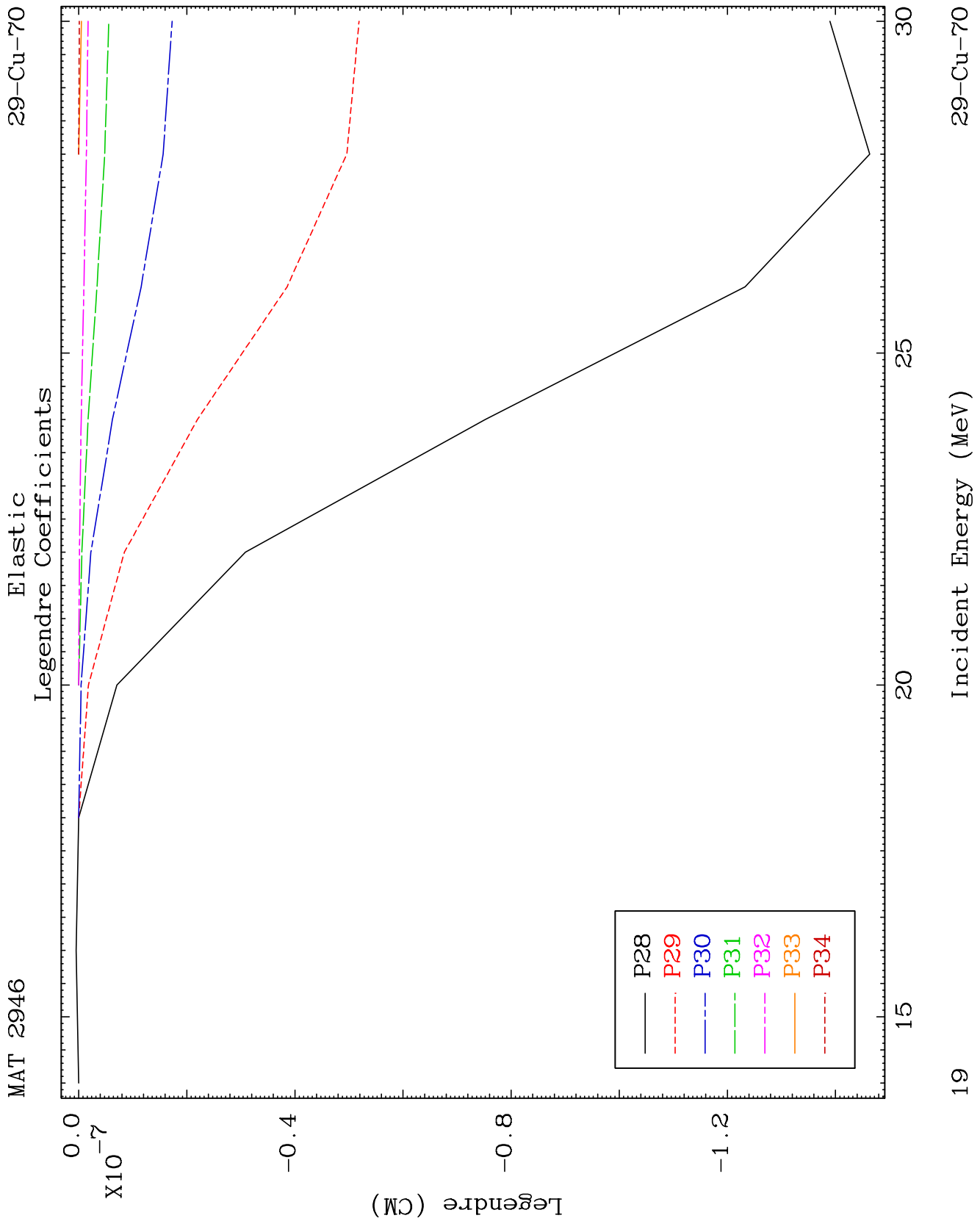
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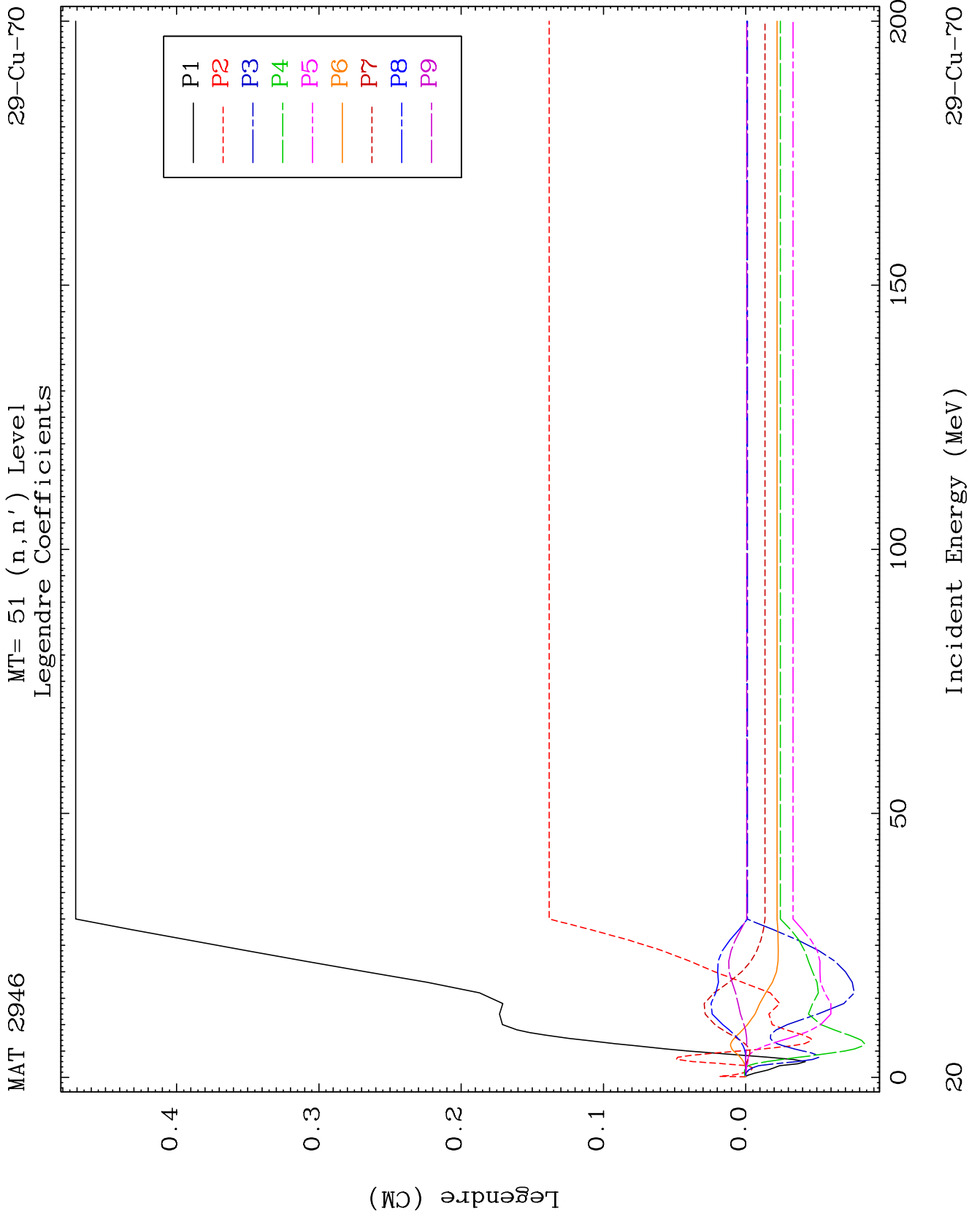
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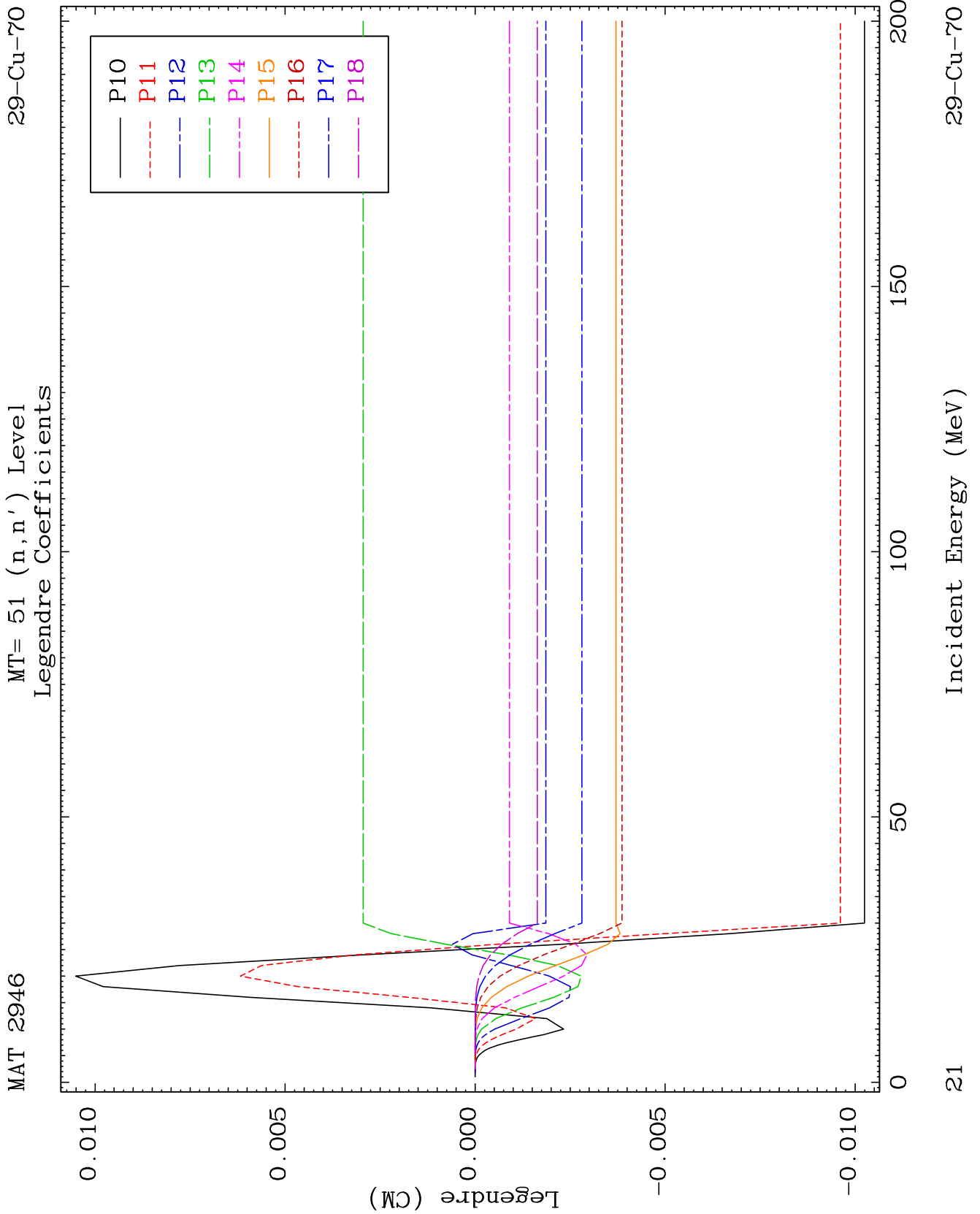
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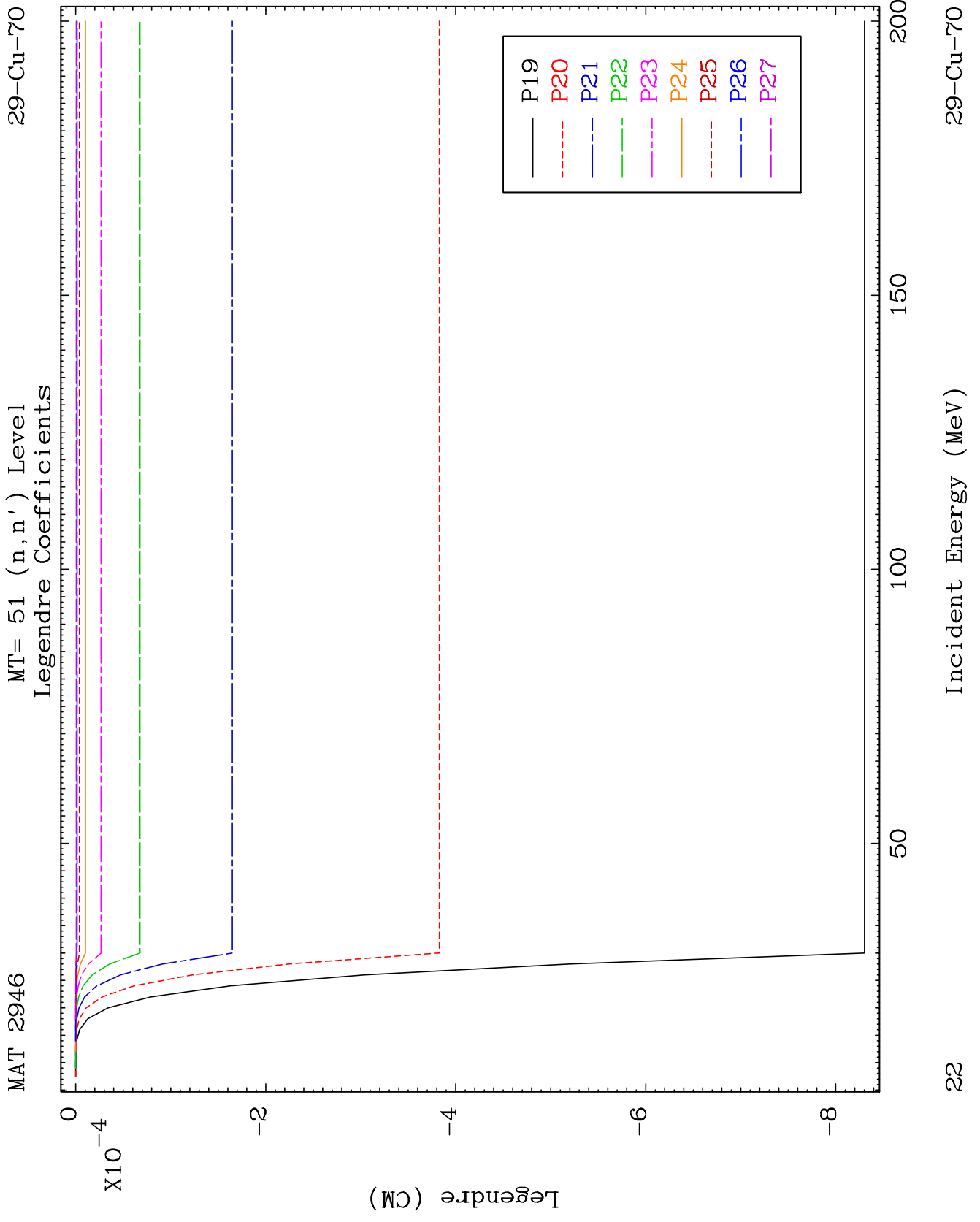
Incident Energy (MeV)

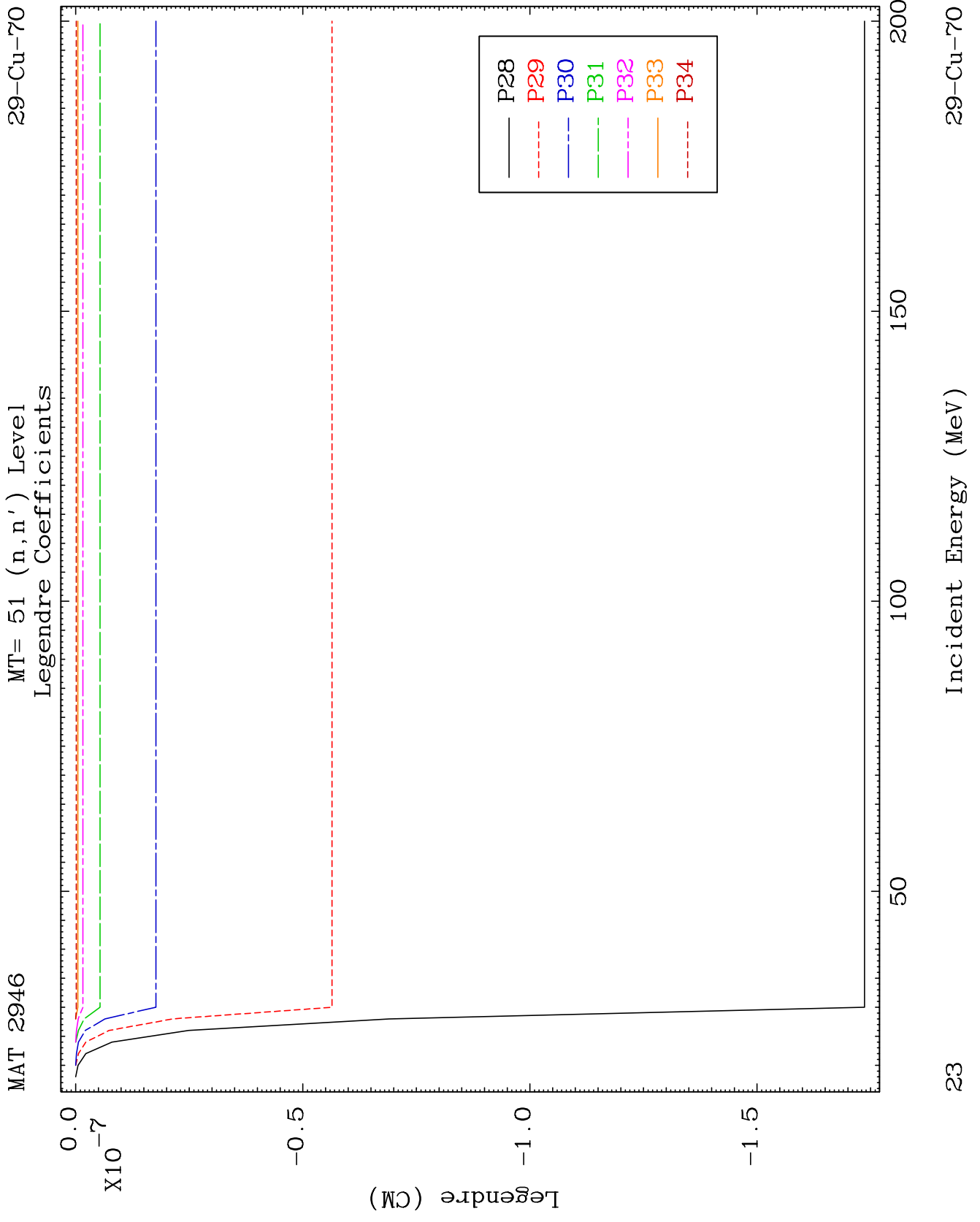
29-Cu-70

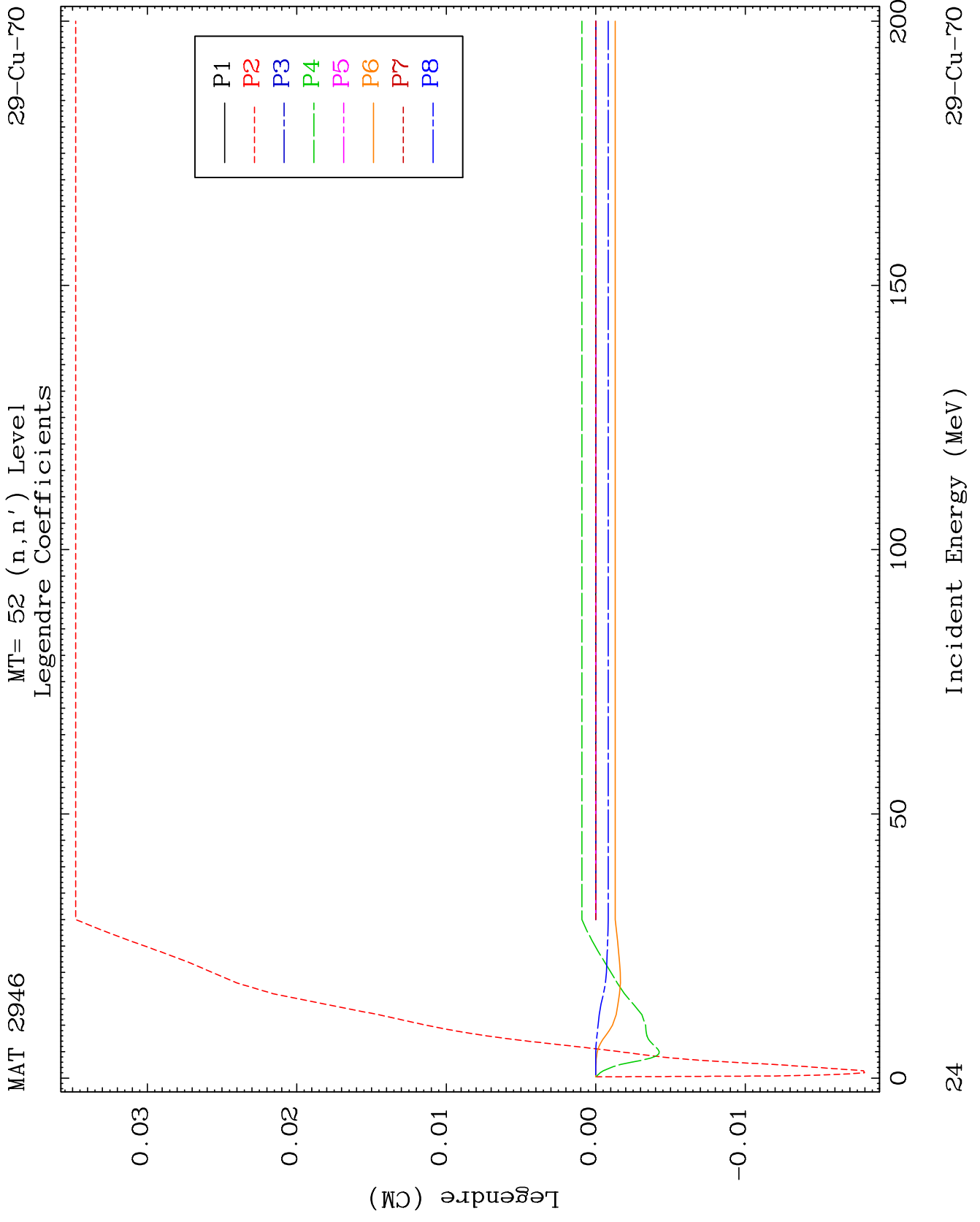


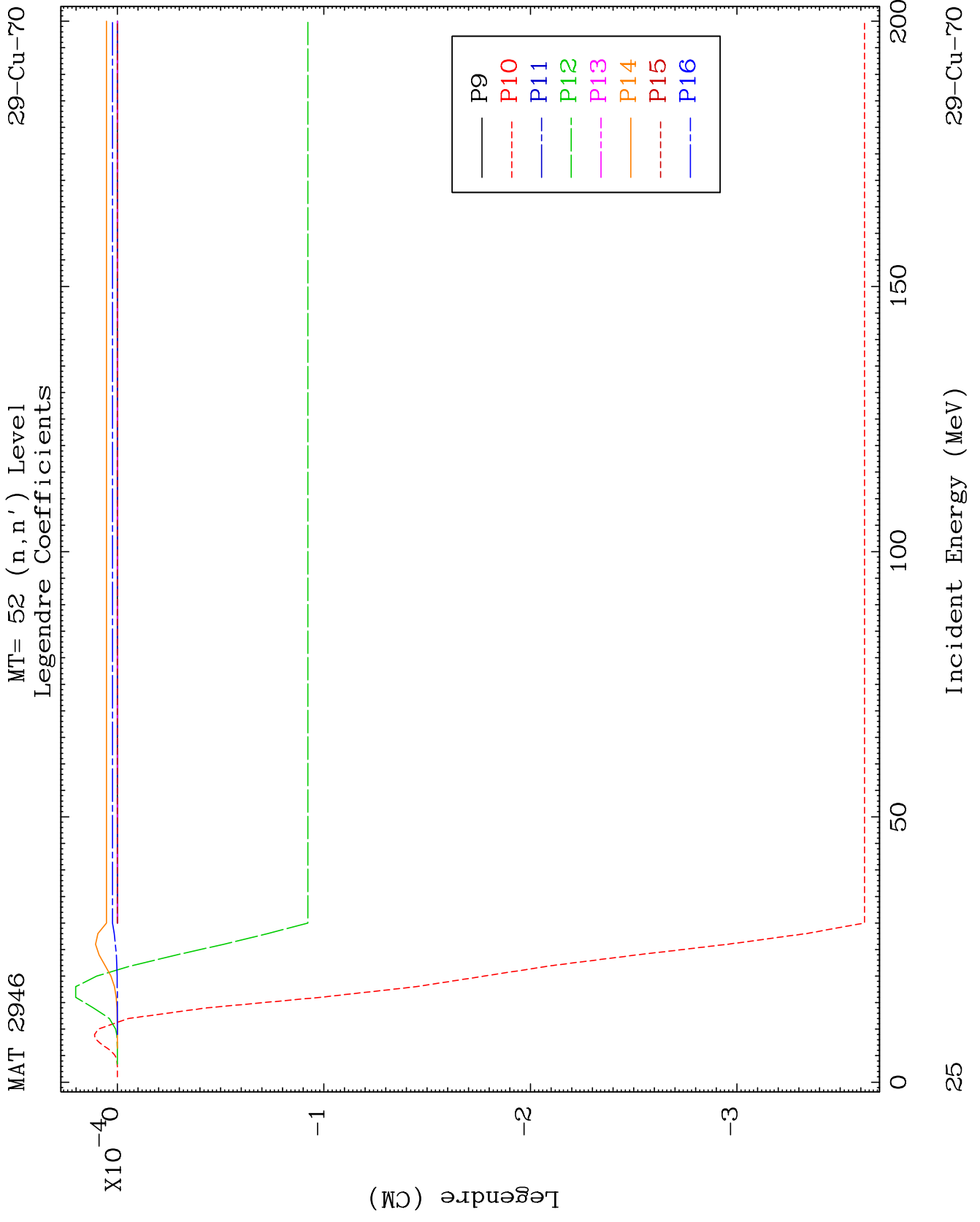


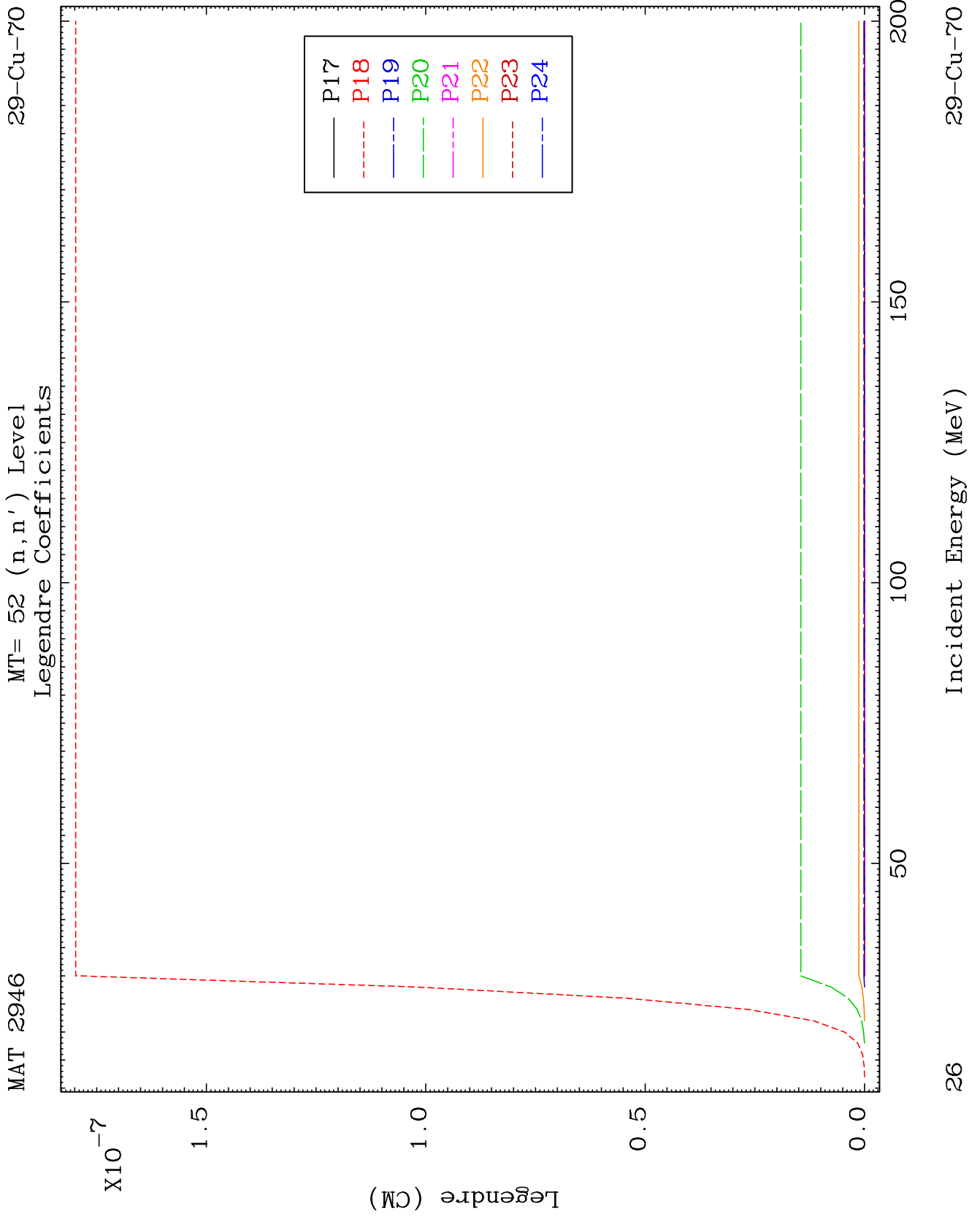


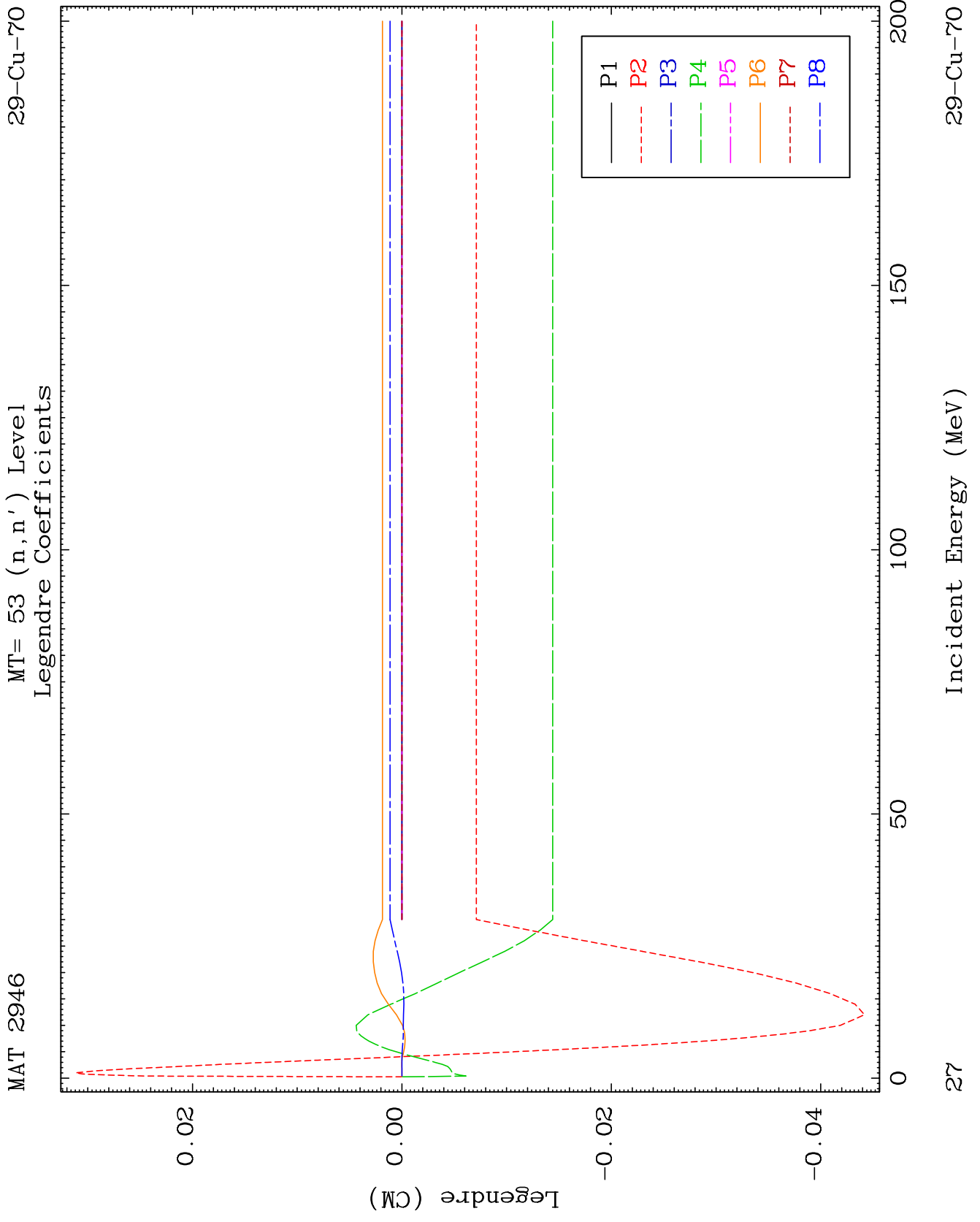


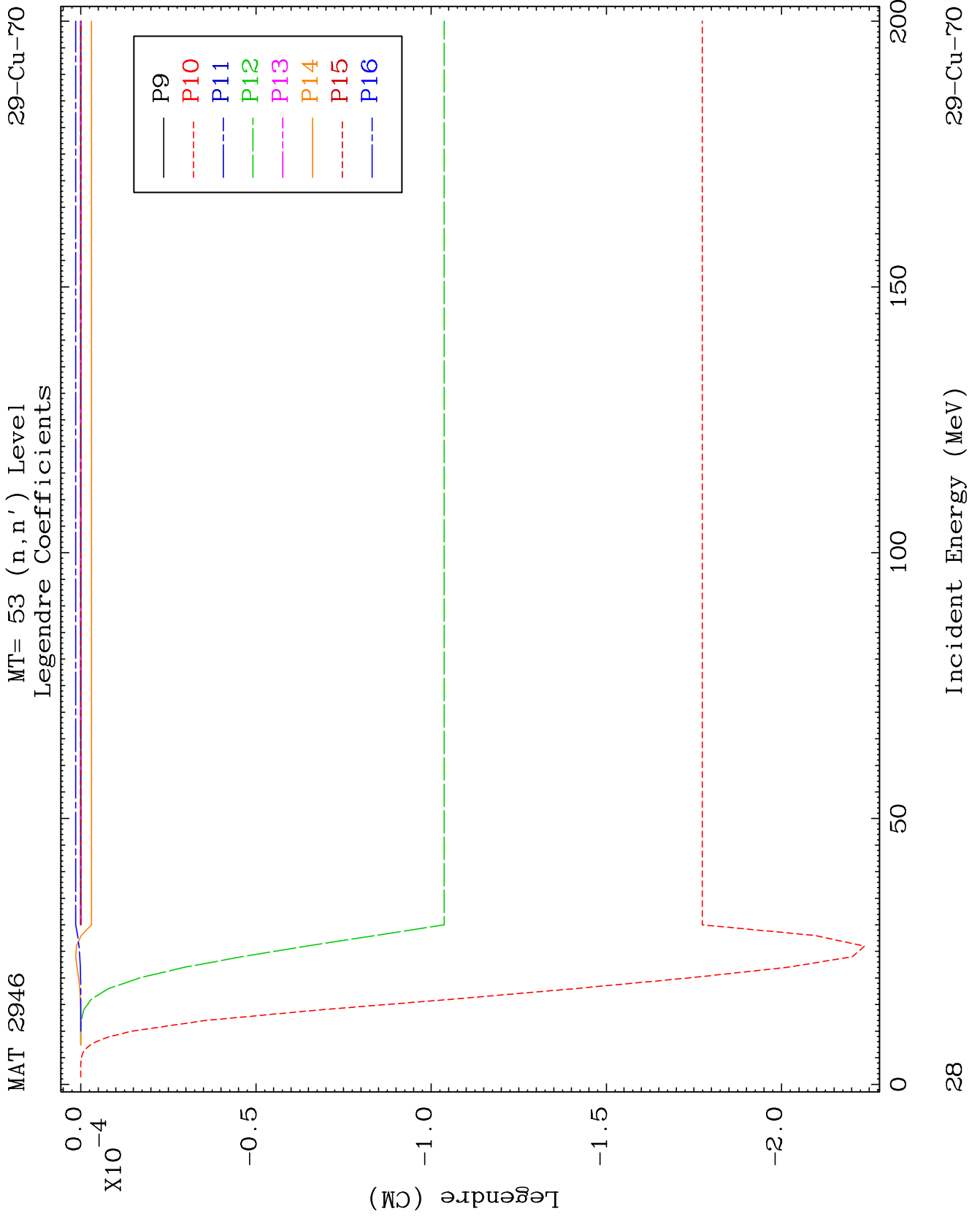


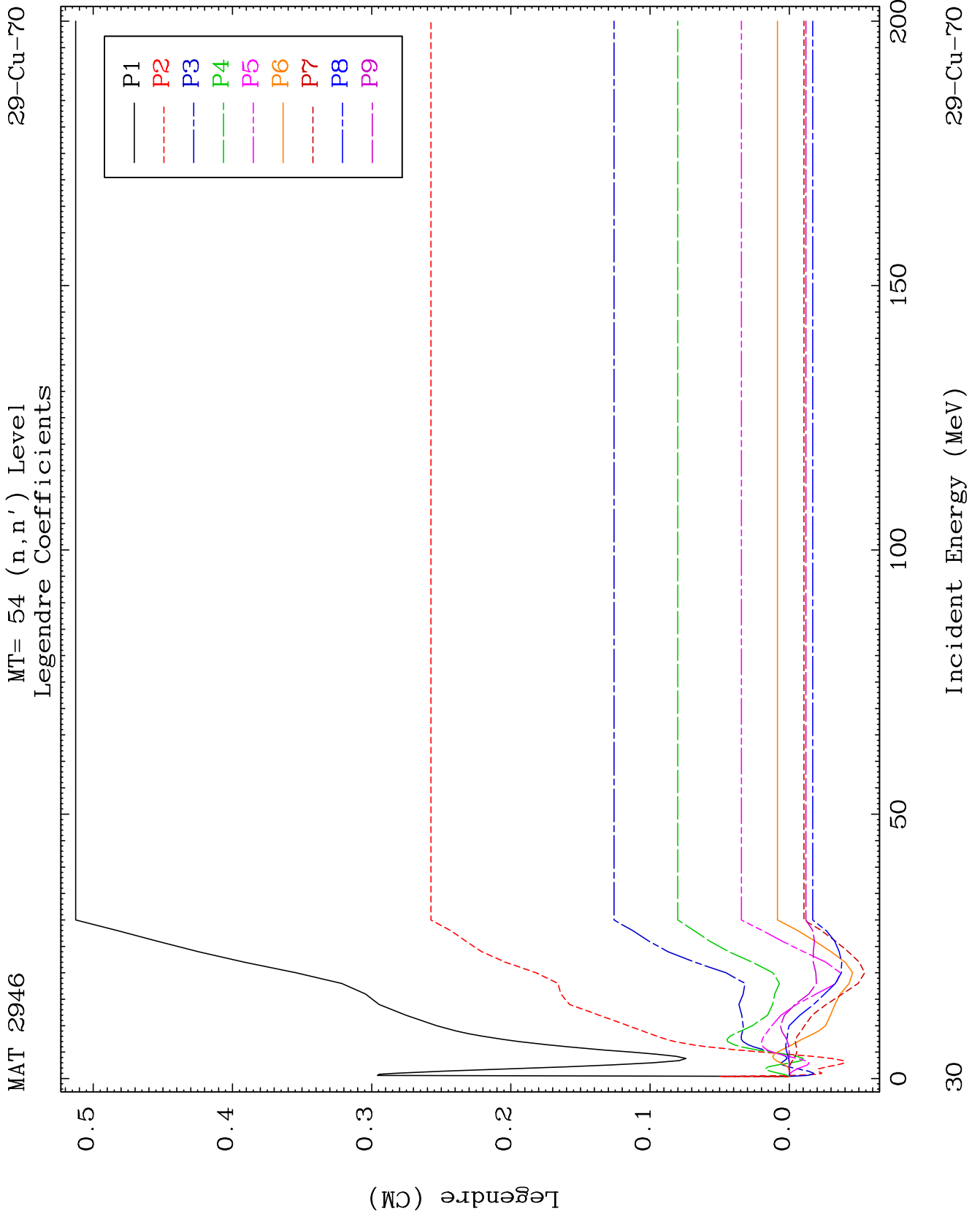








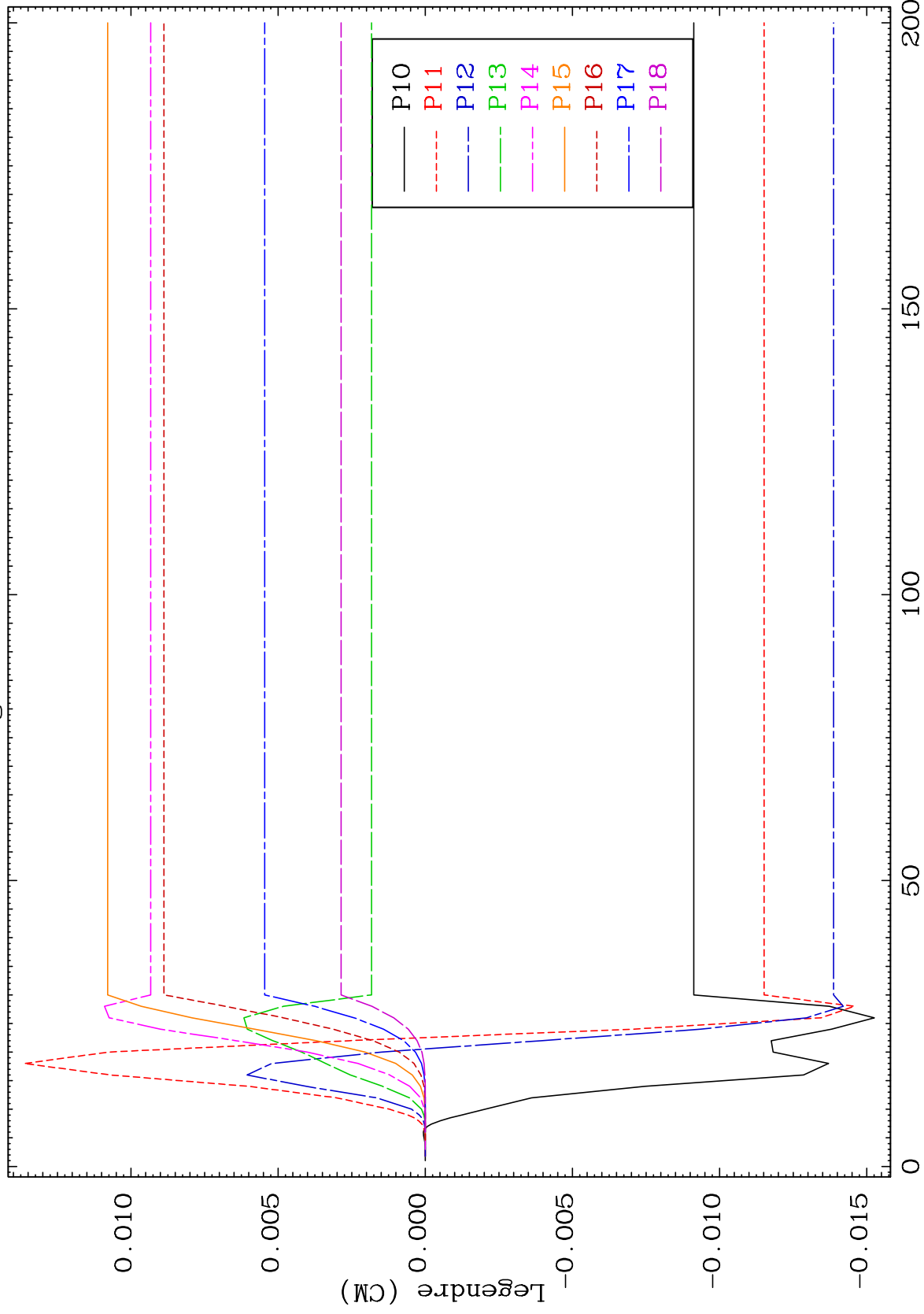




MAT 2946

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

29-Cu-70



31

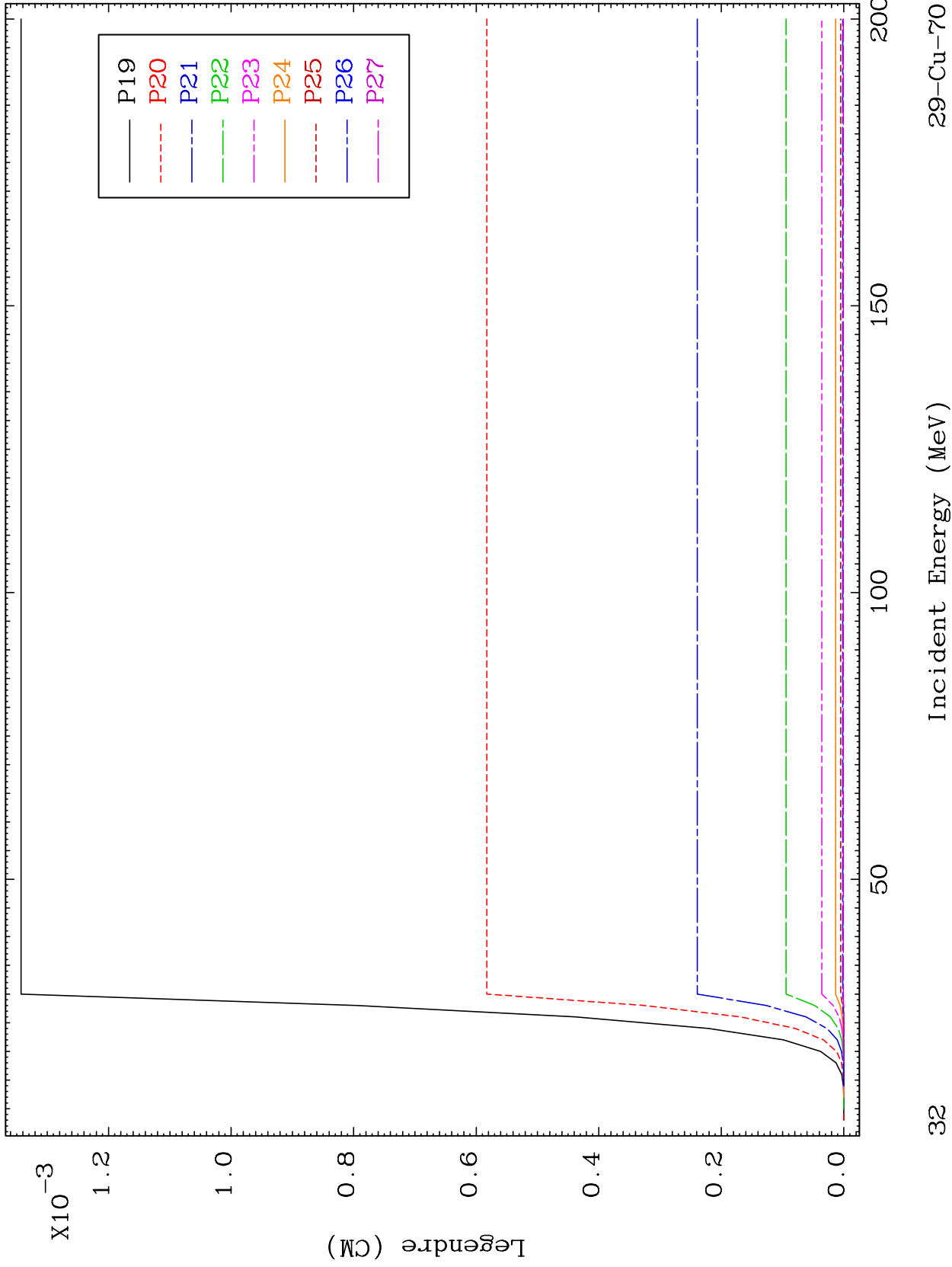
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

29-Cu-70



32

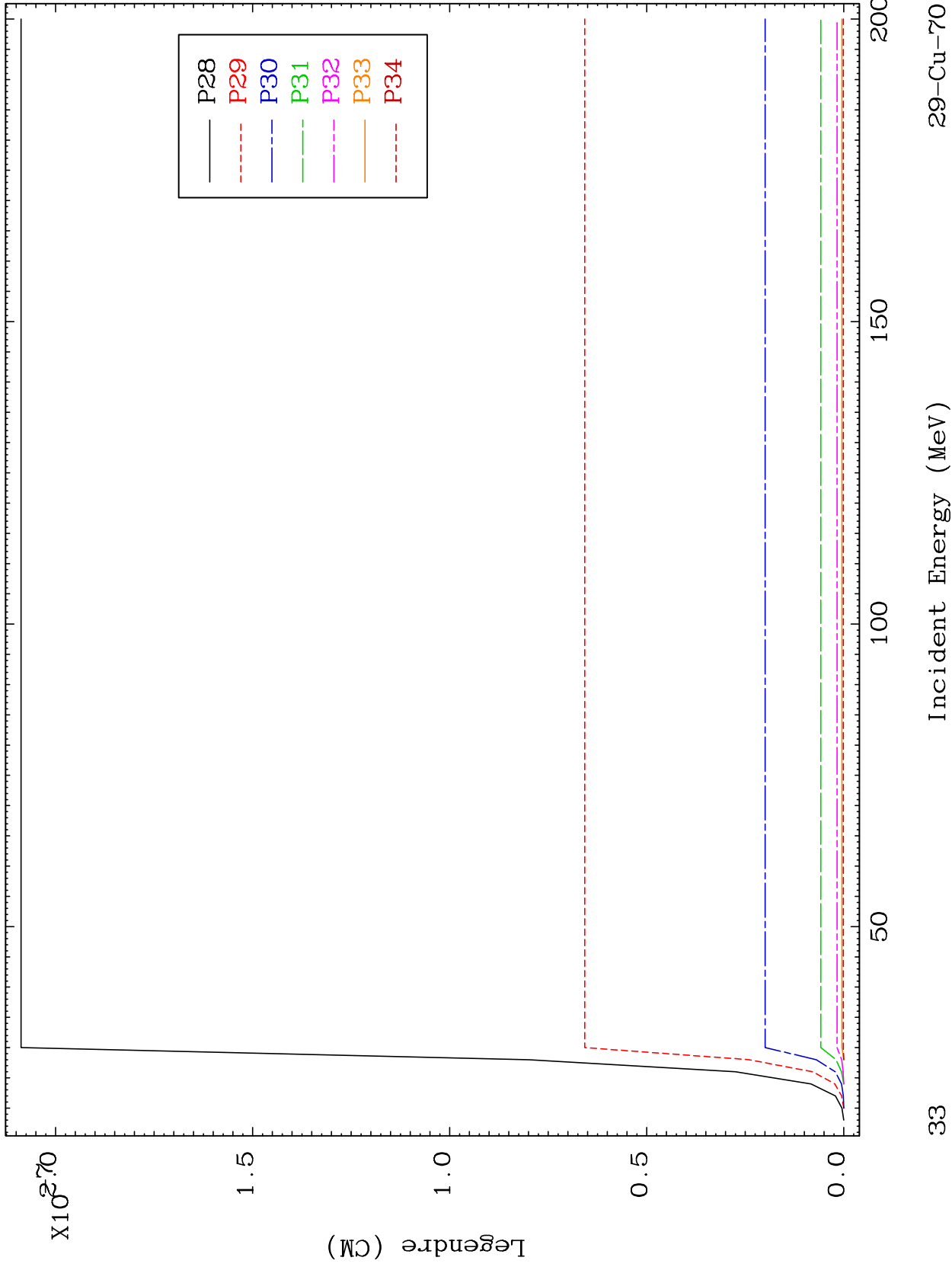
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

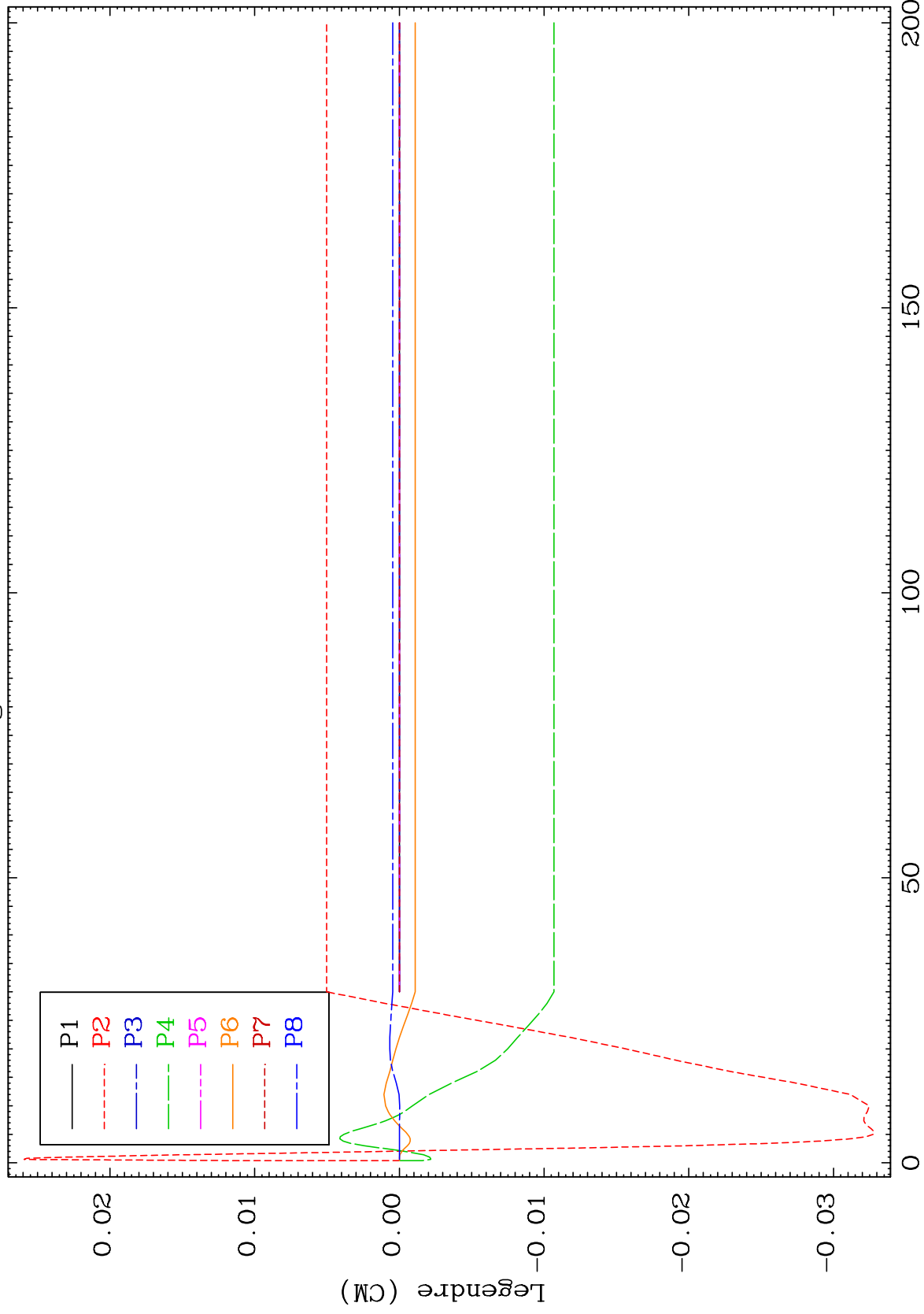
29-Cu-70



MAT 2946

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

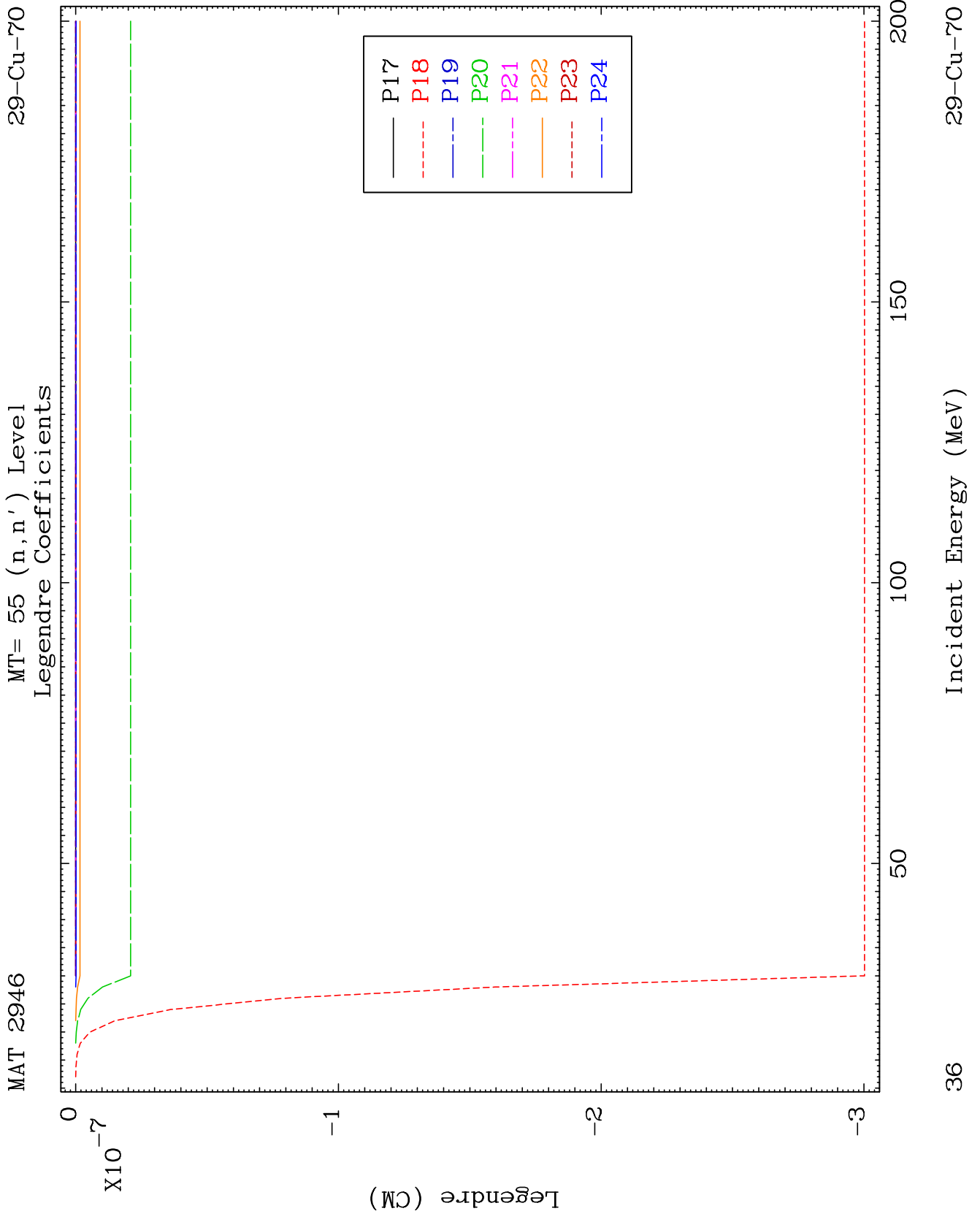
29-Cu-70



34

Incident Energy (MeV)

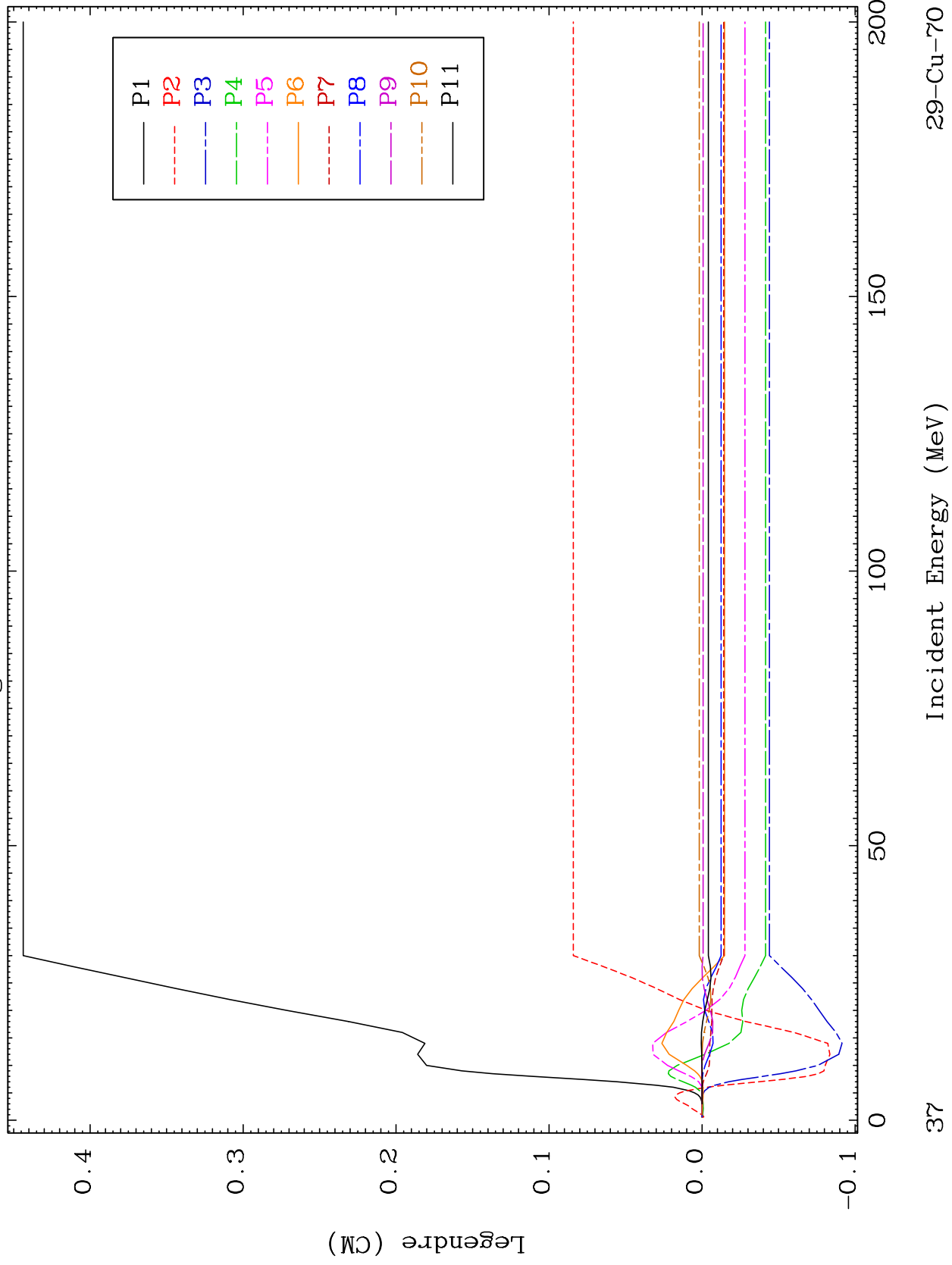
29-Cu-70



MAT 2946

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

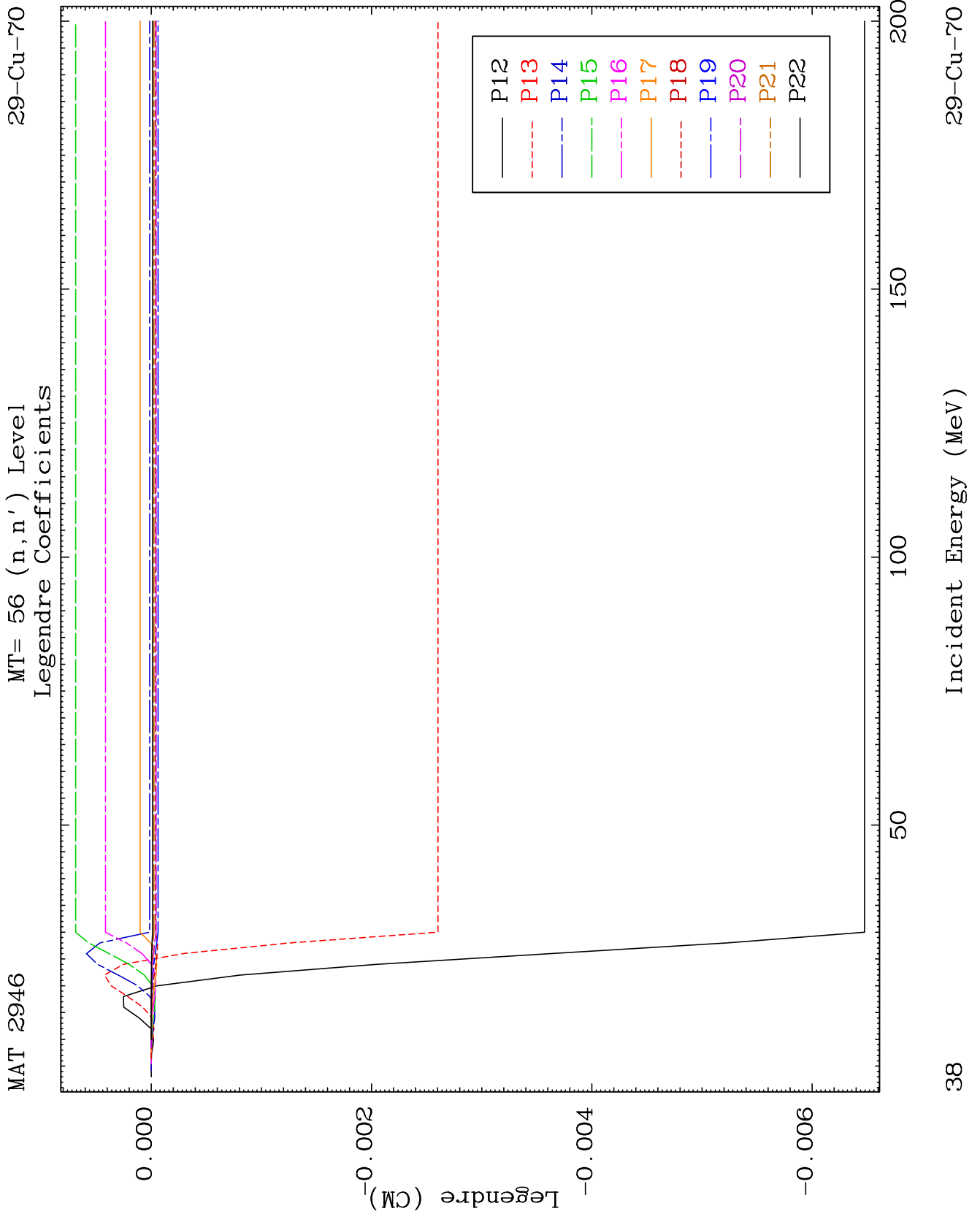
29-Cu-70

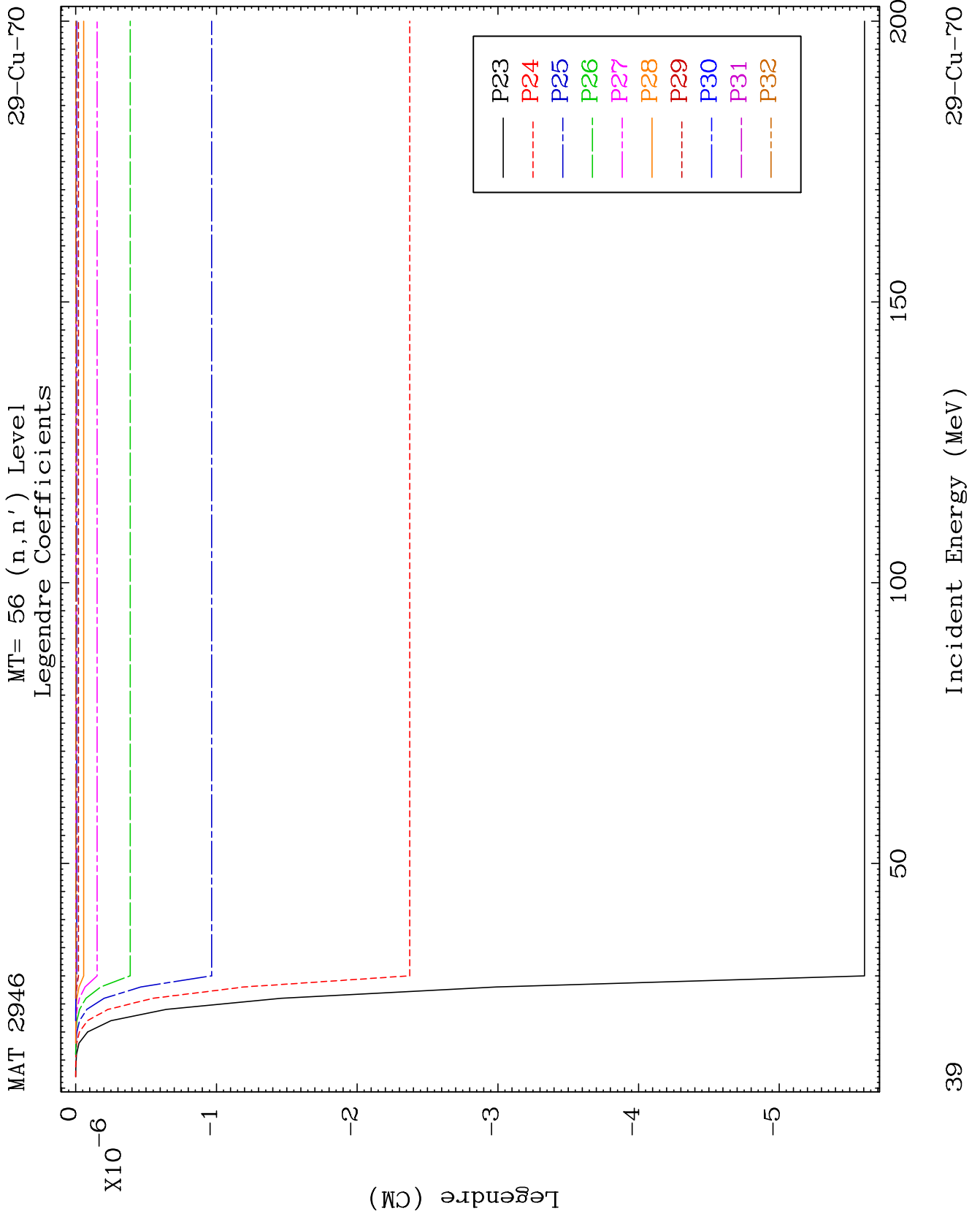


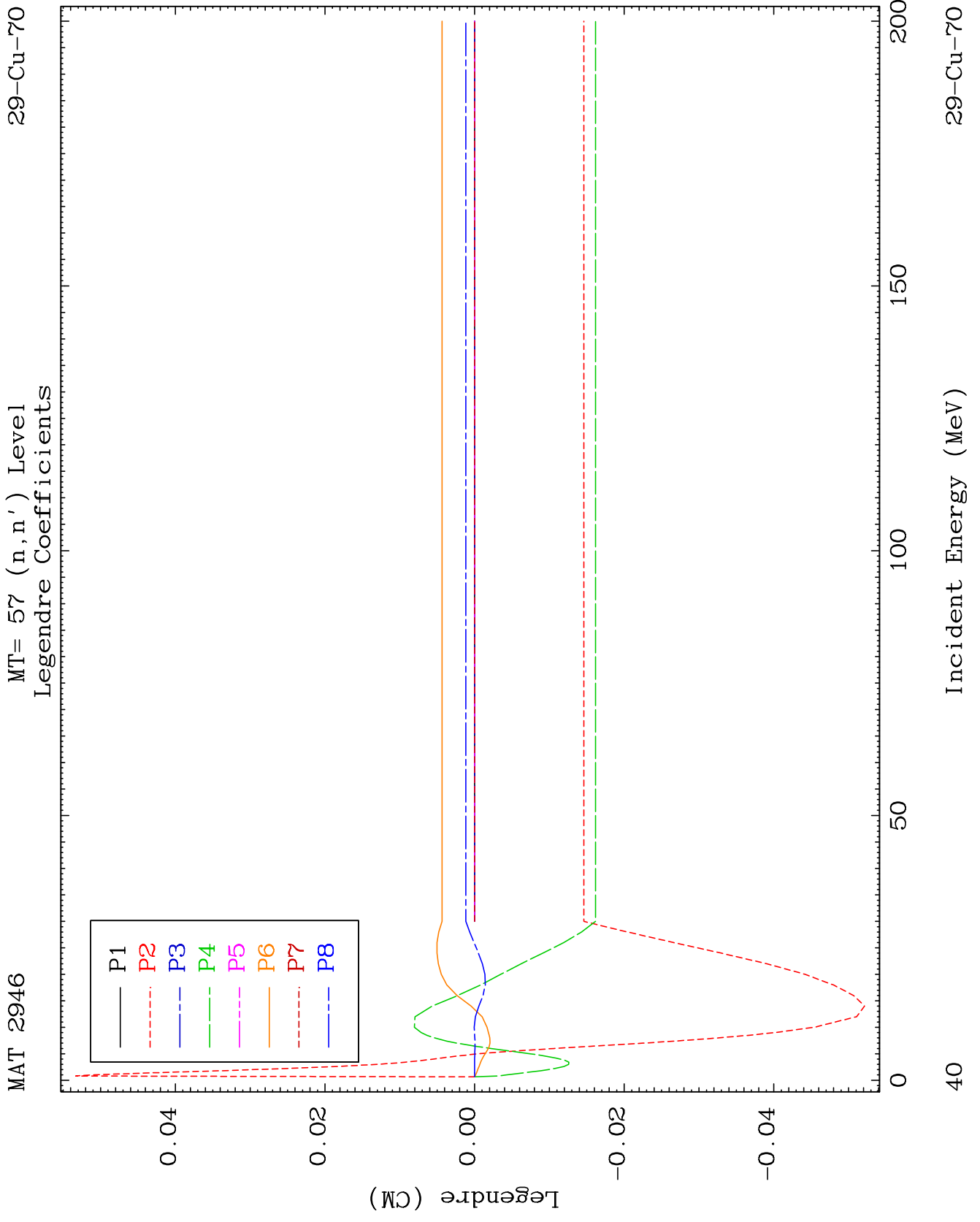
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Incident Energy (MeV)

29-Cu-70



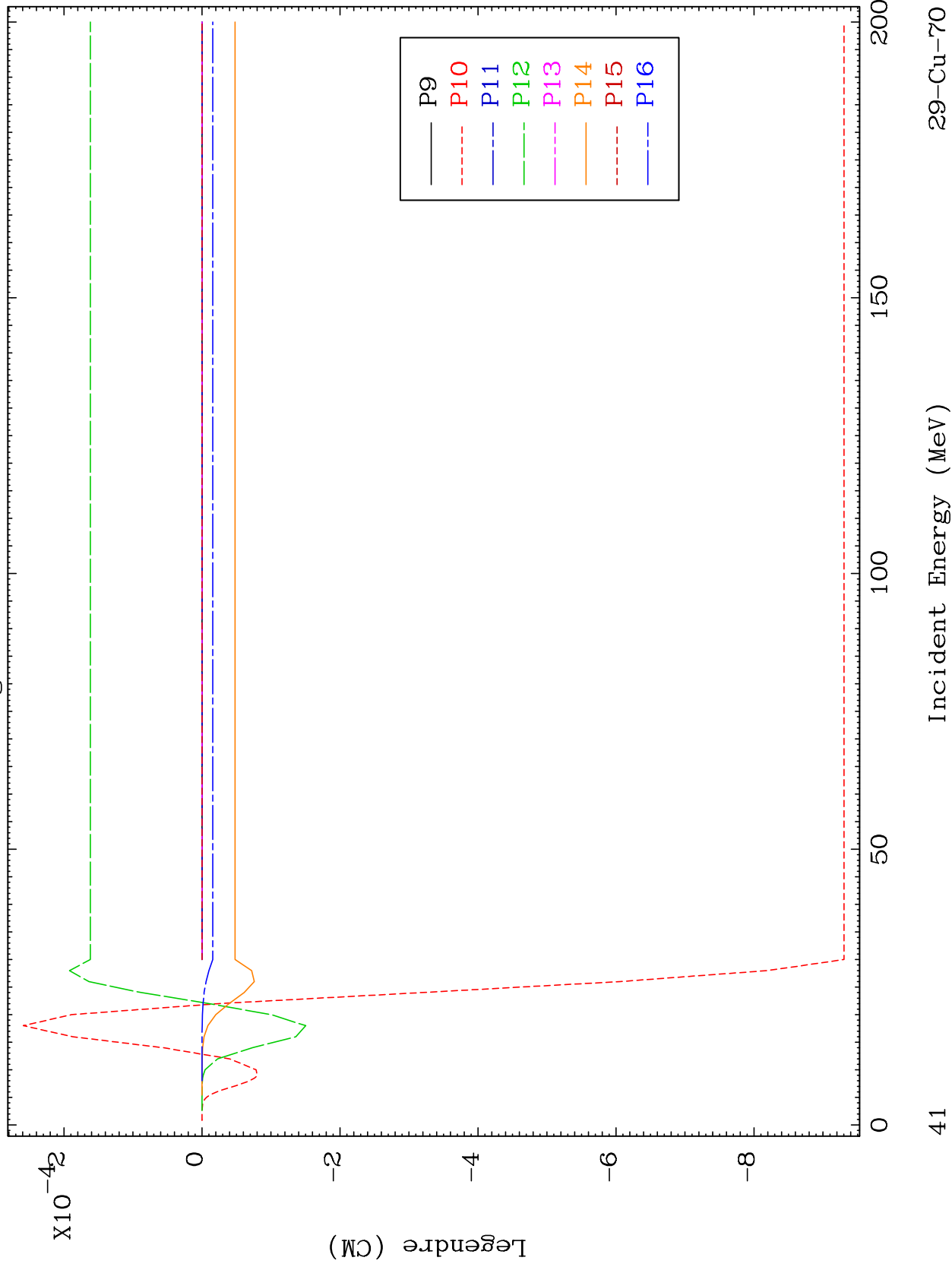




MAT 2946

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

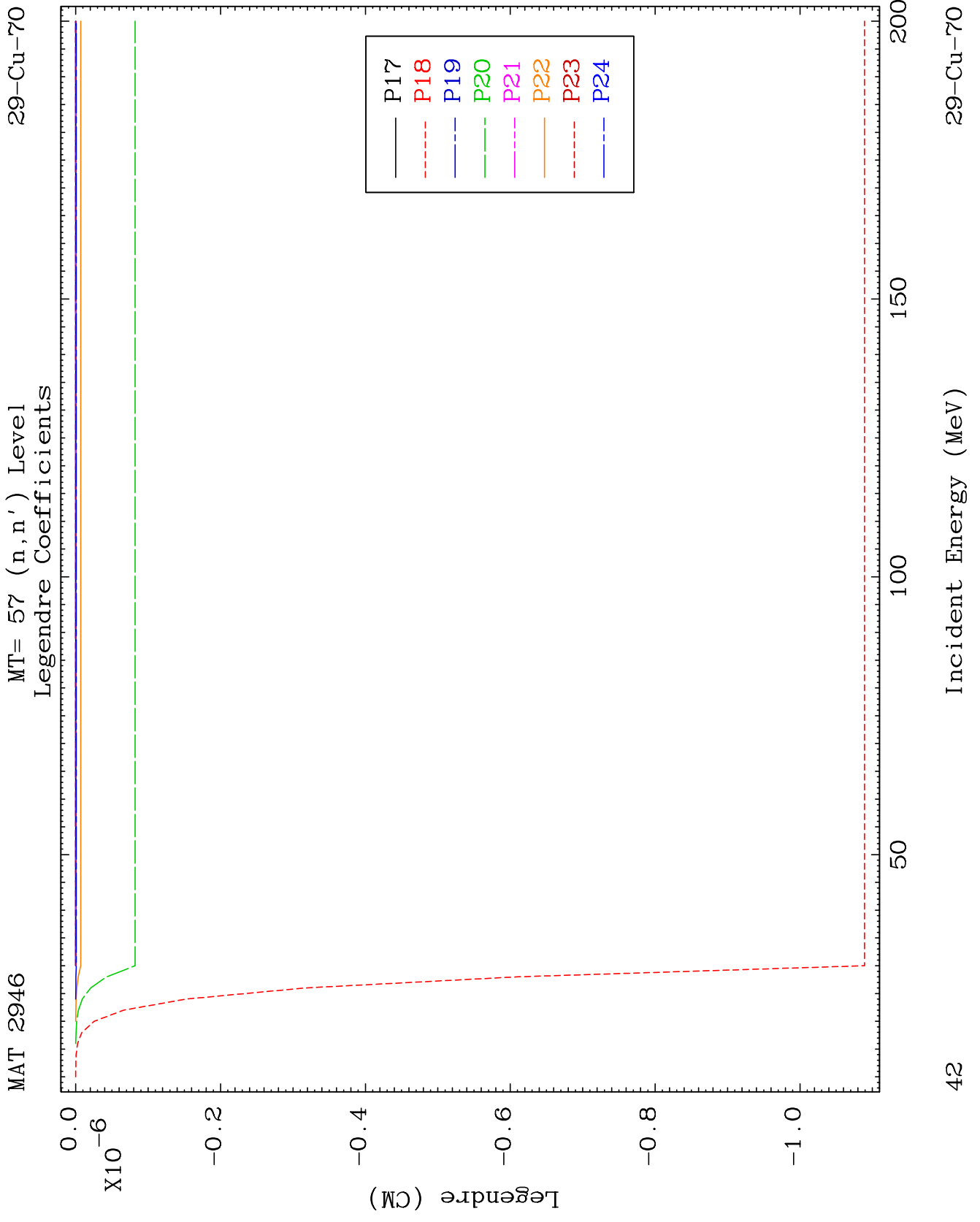
29-Cu-70

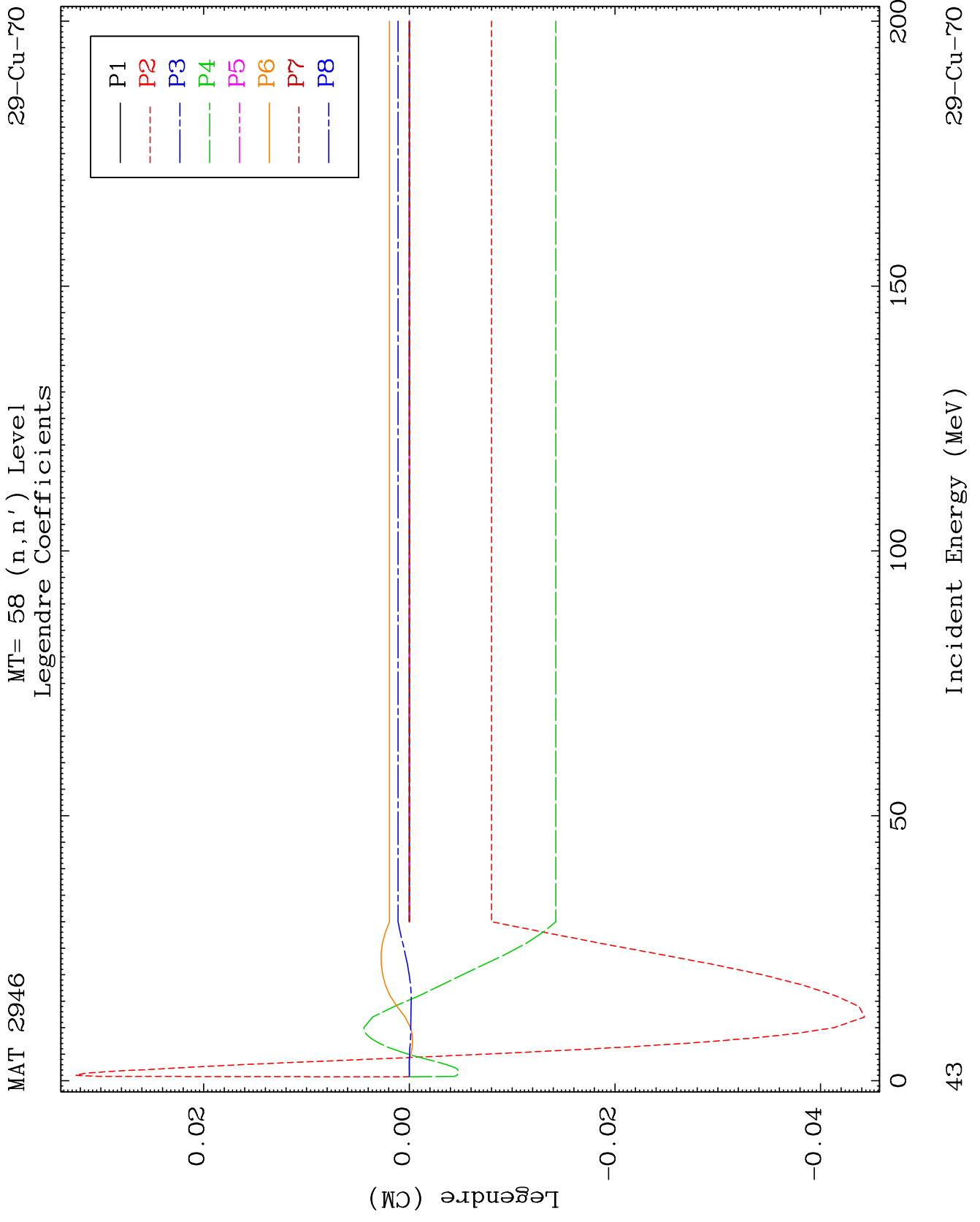


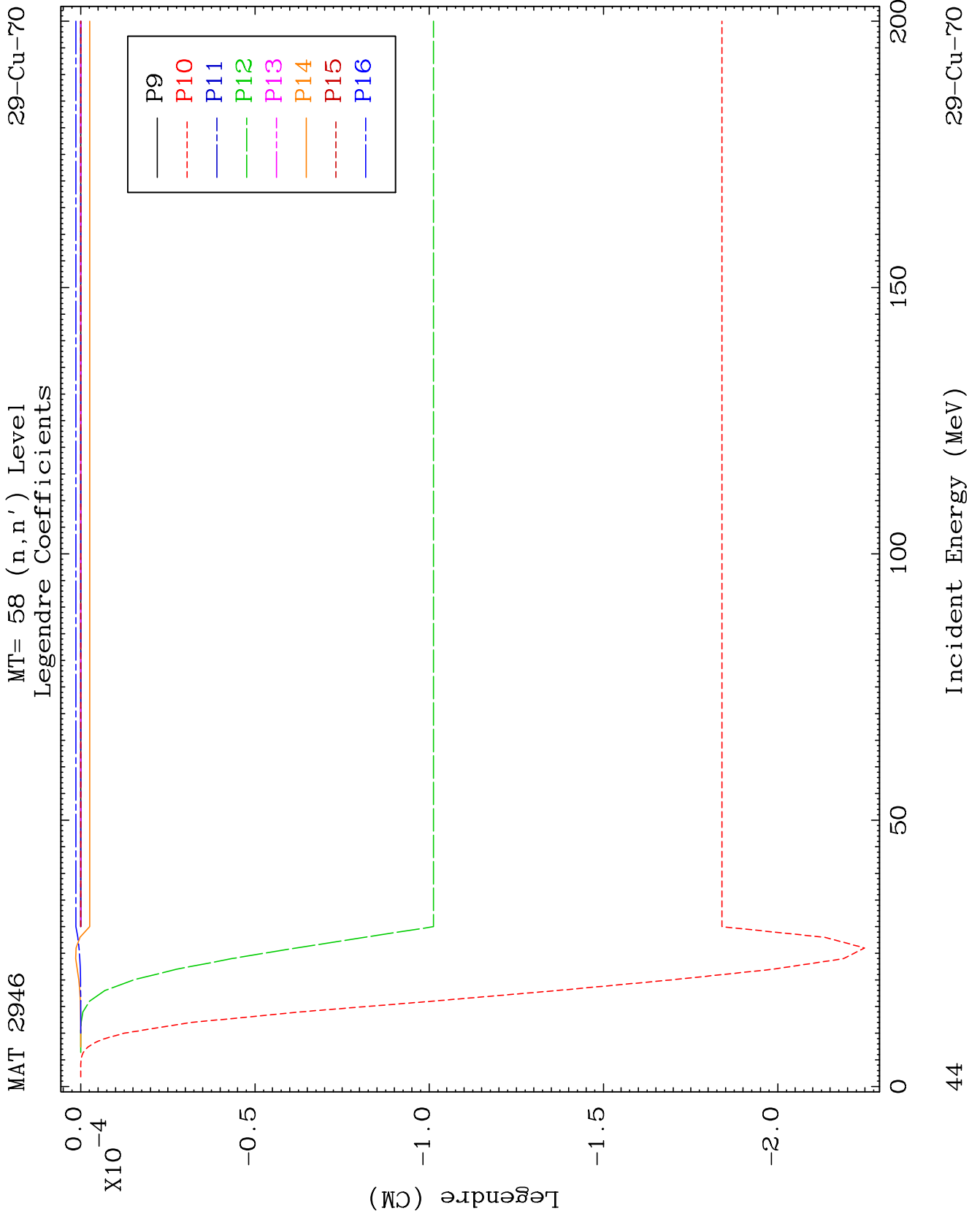
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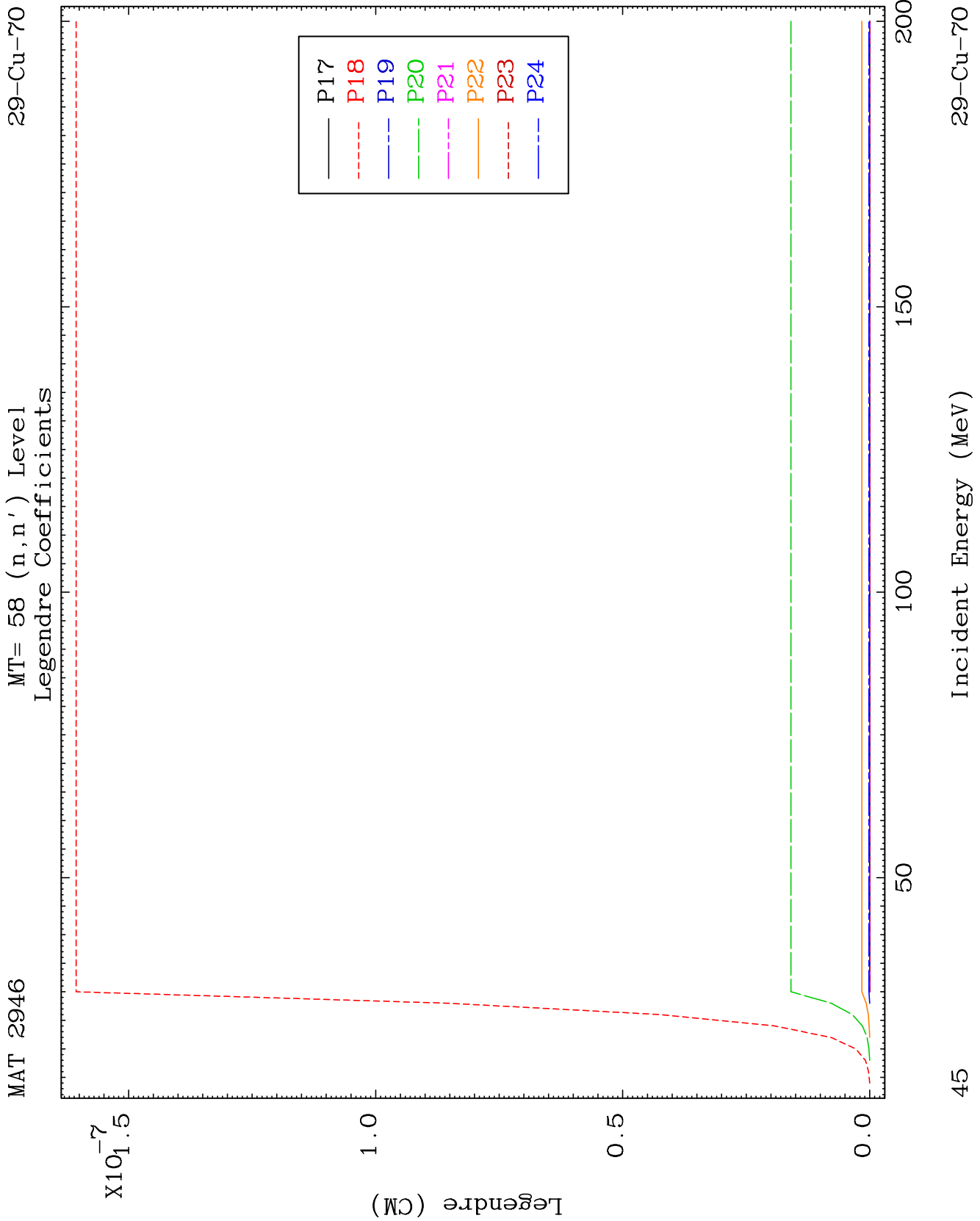
Incident Energy (MeV)

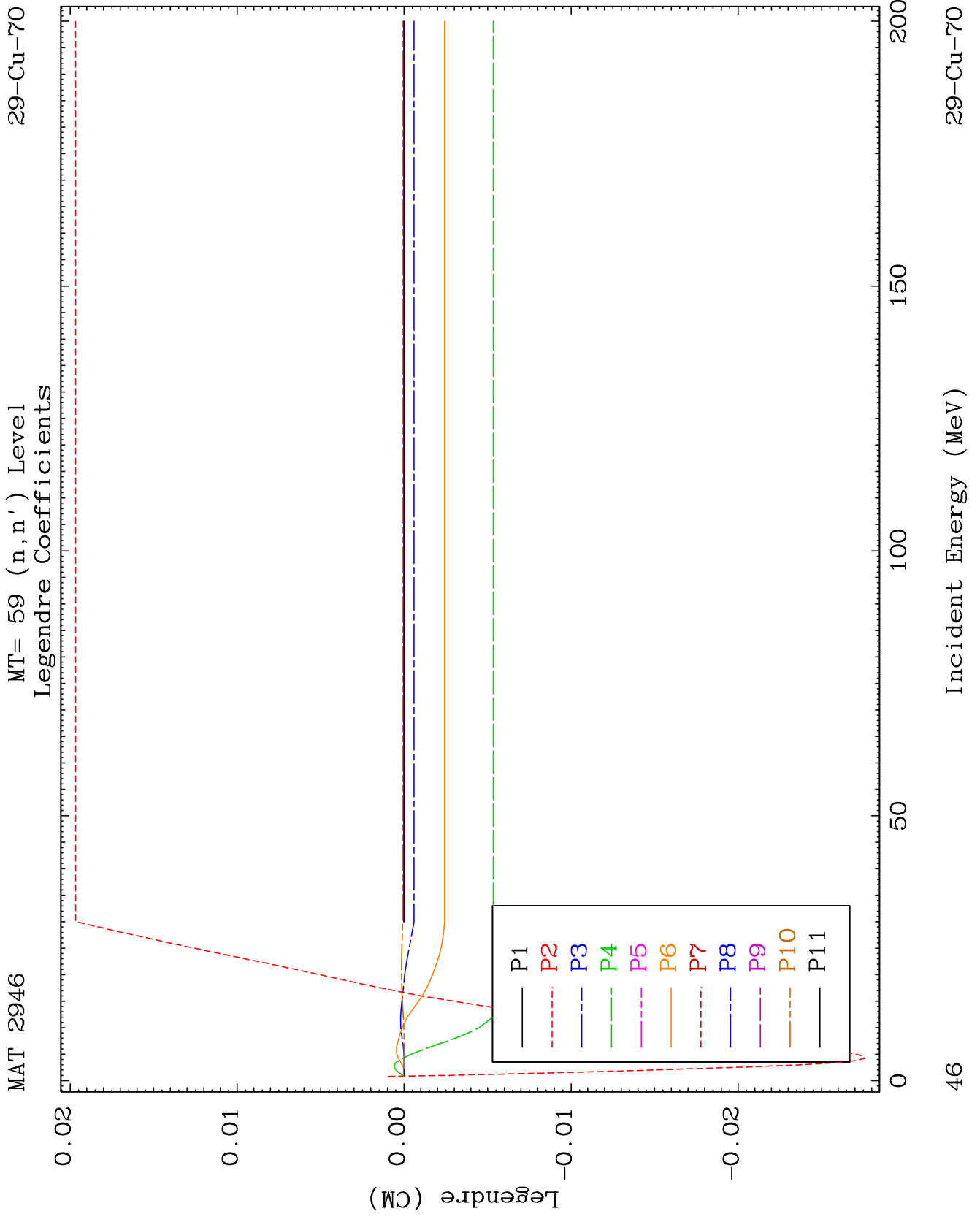
29-Cu-70







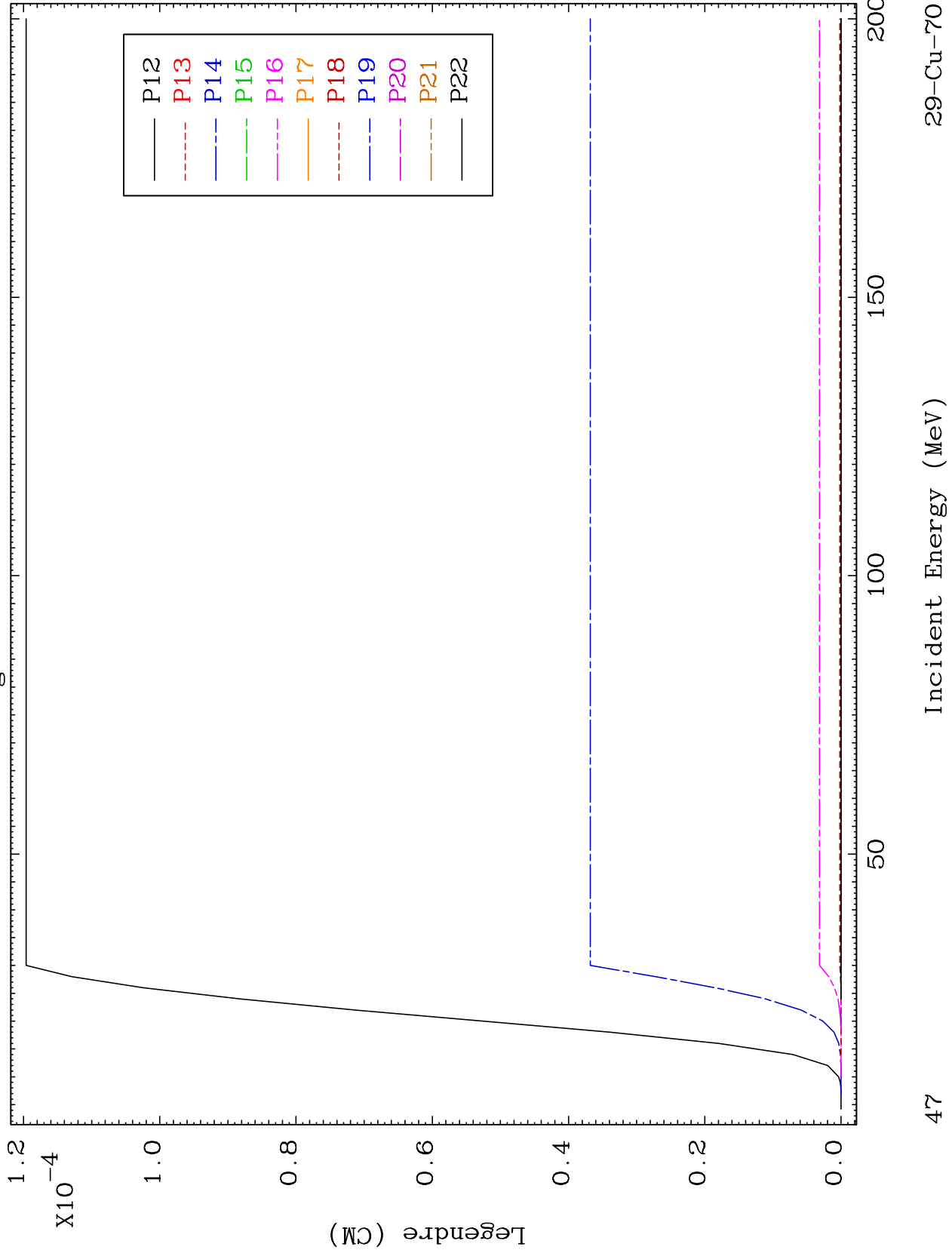


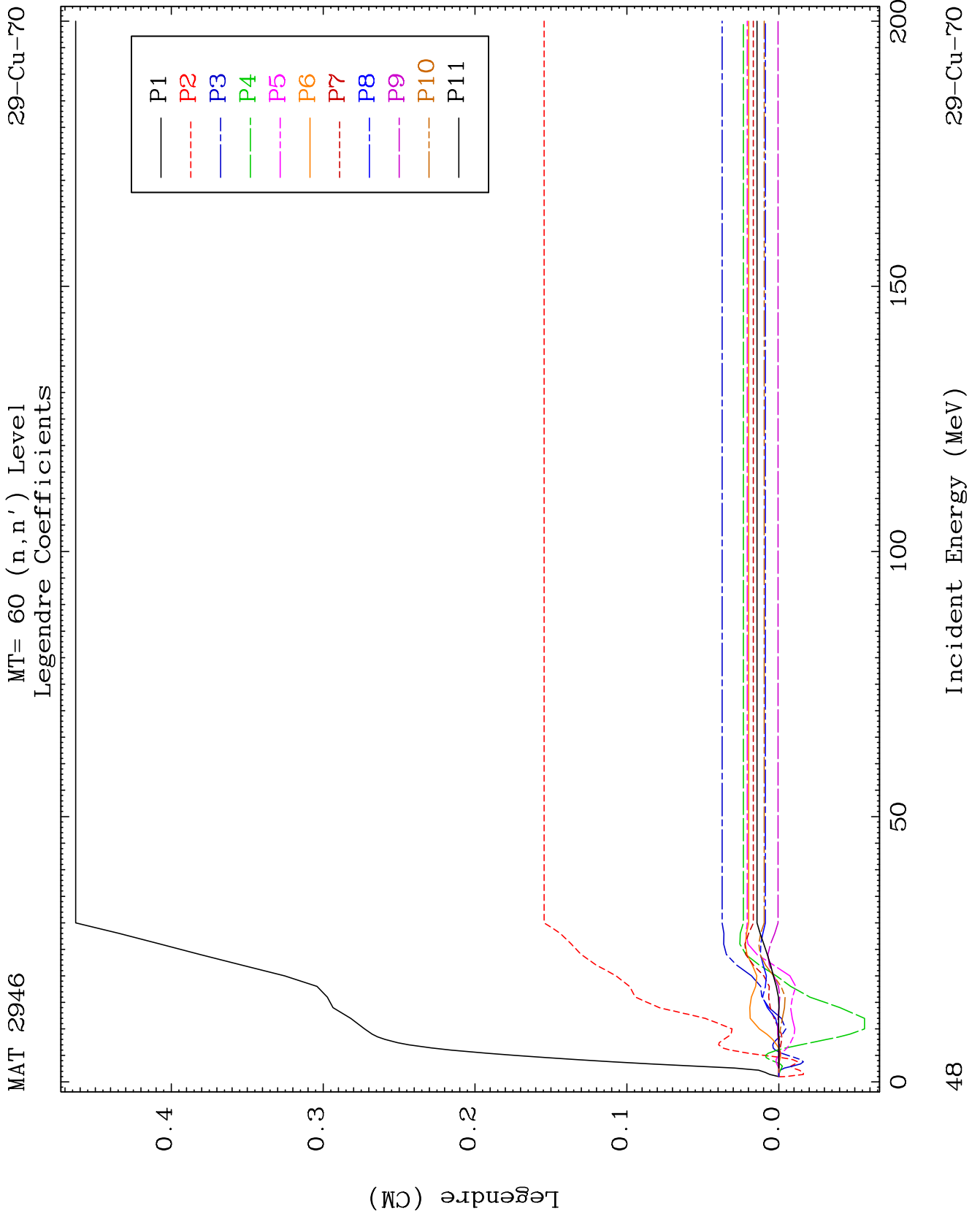


MAT 2946

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

29-Cu-70

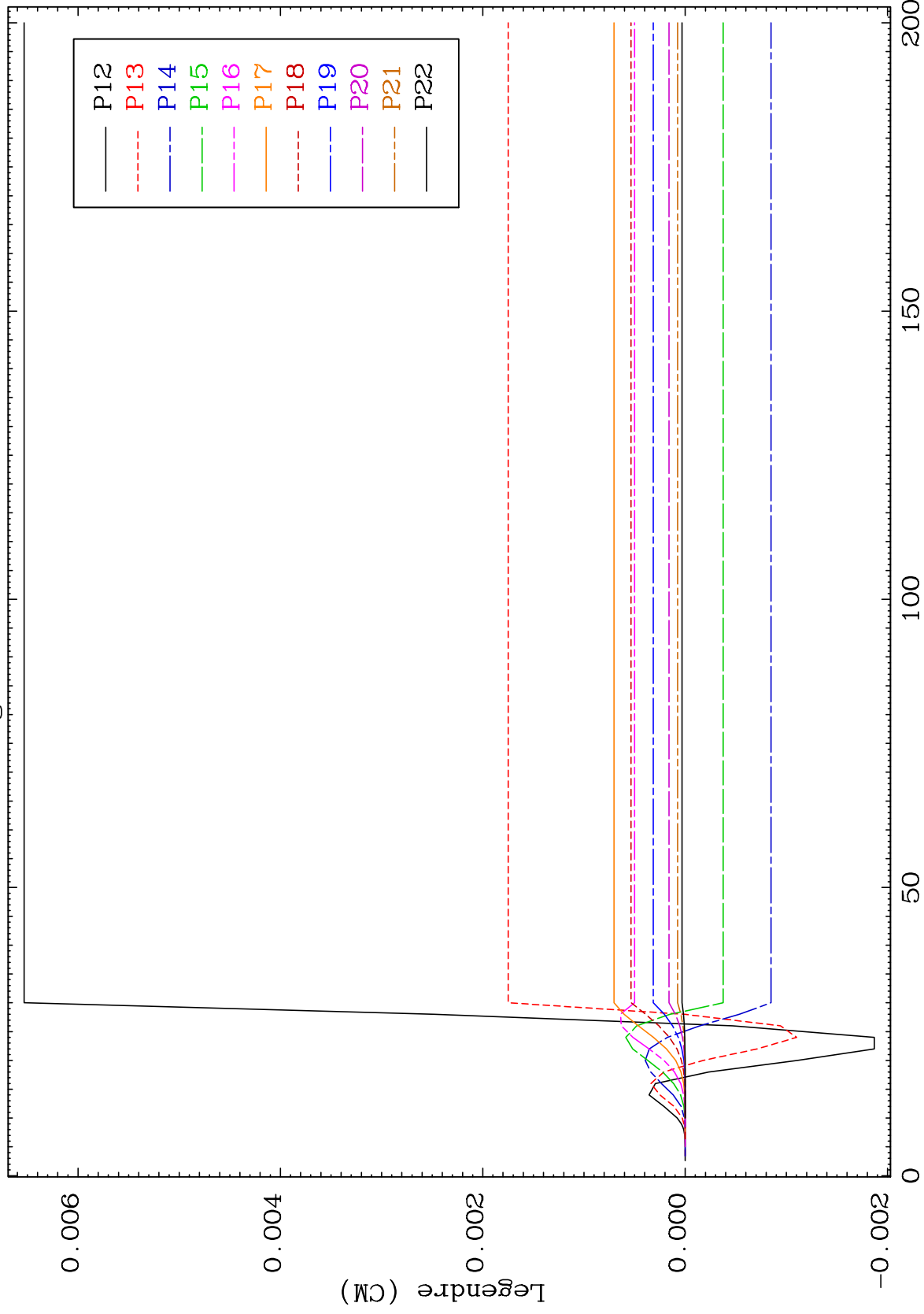




MAT 2946

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

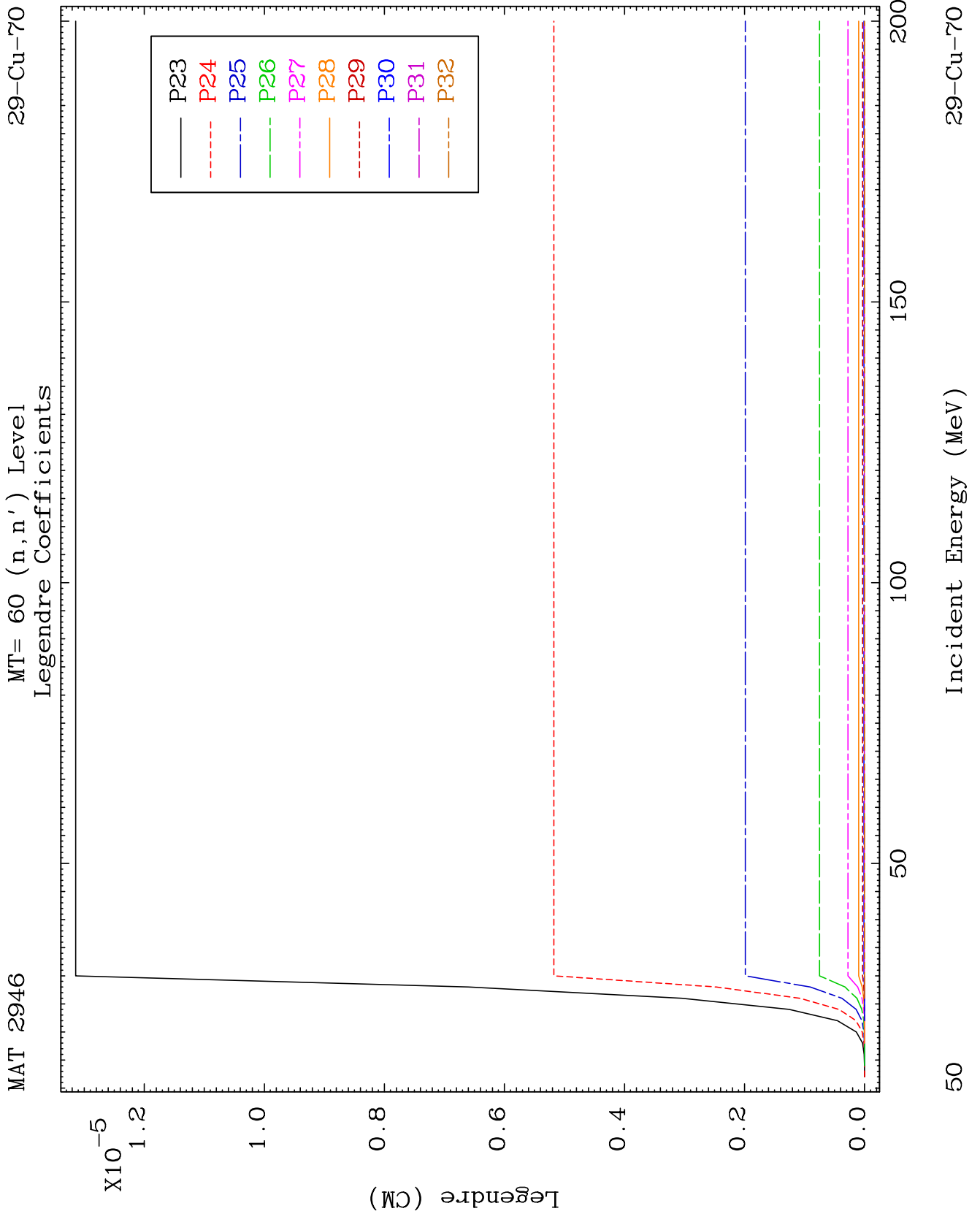
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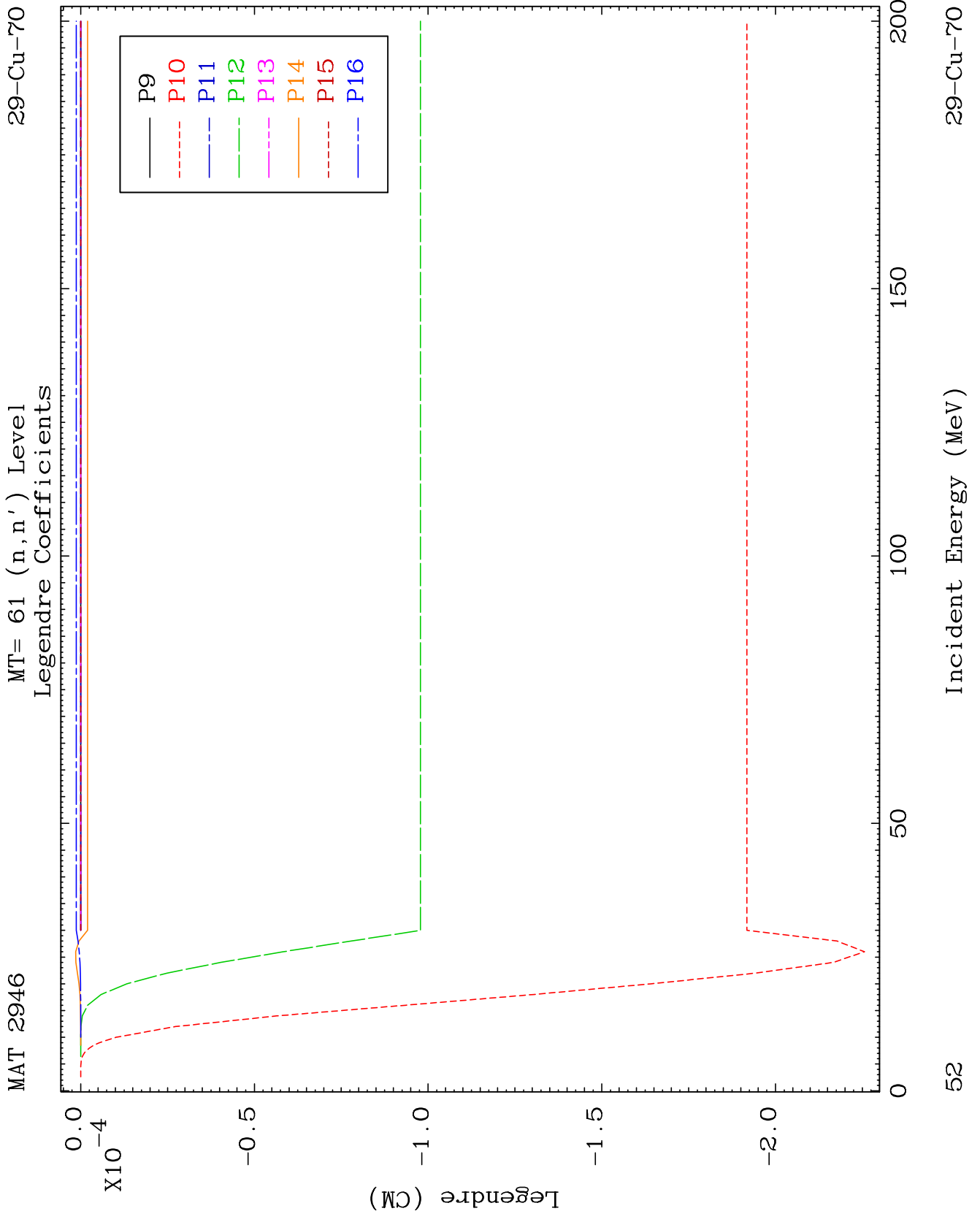


49

Incident Energy (MeV)

29-Cu-70

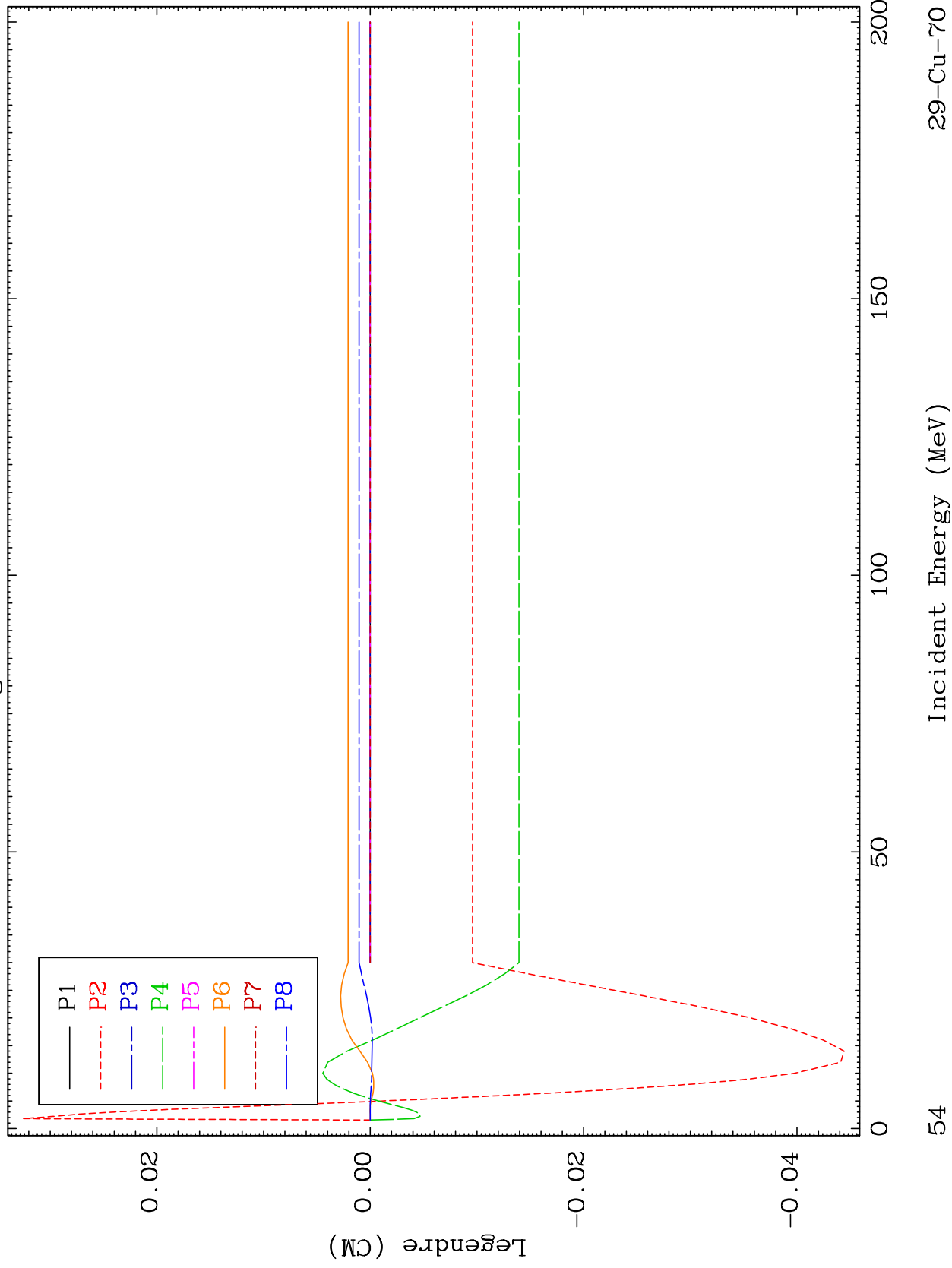




MAT 2946

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

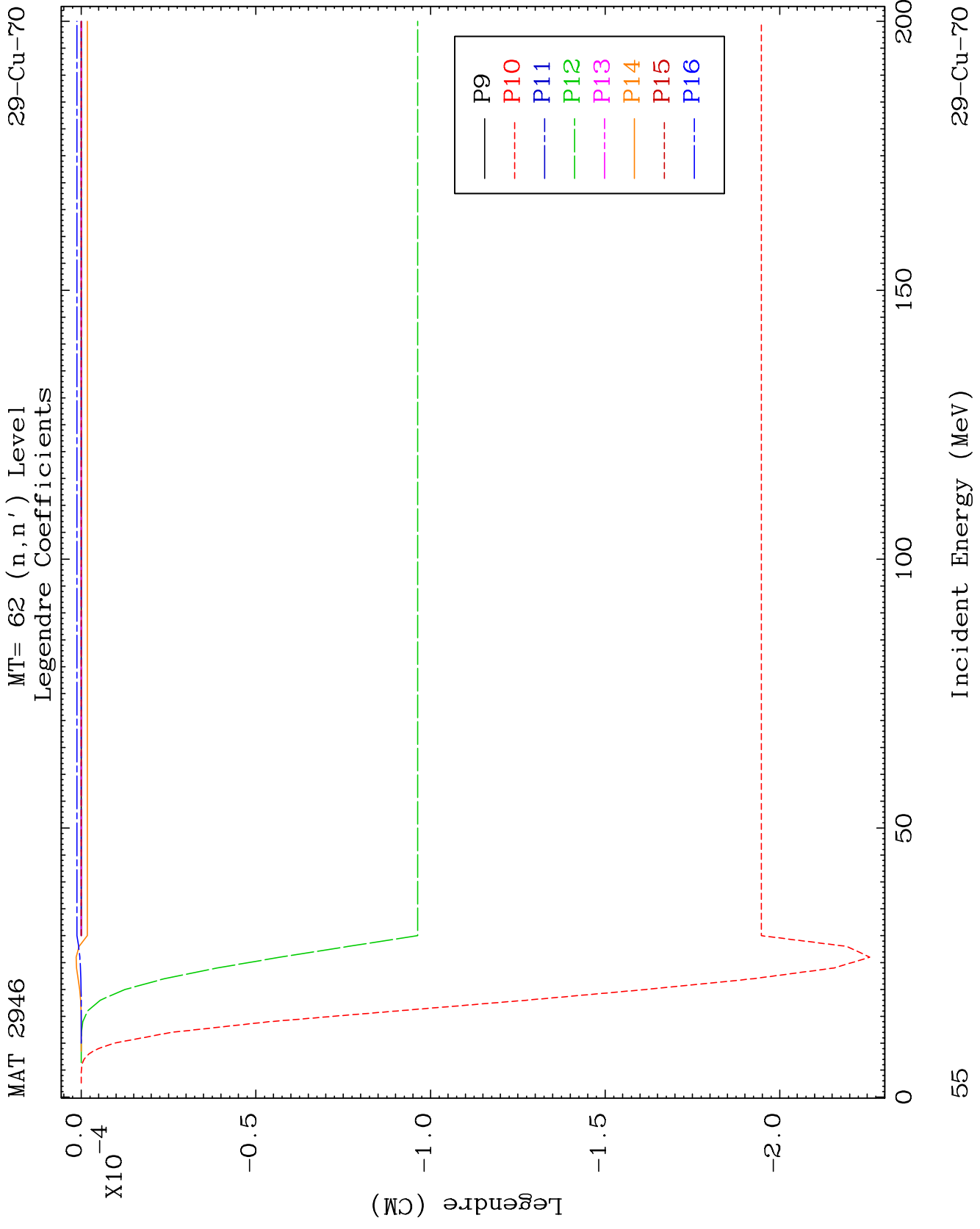
29-Cu-70

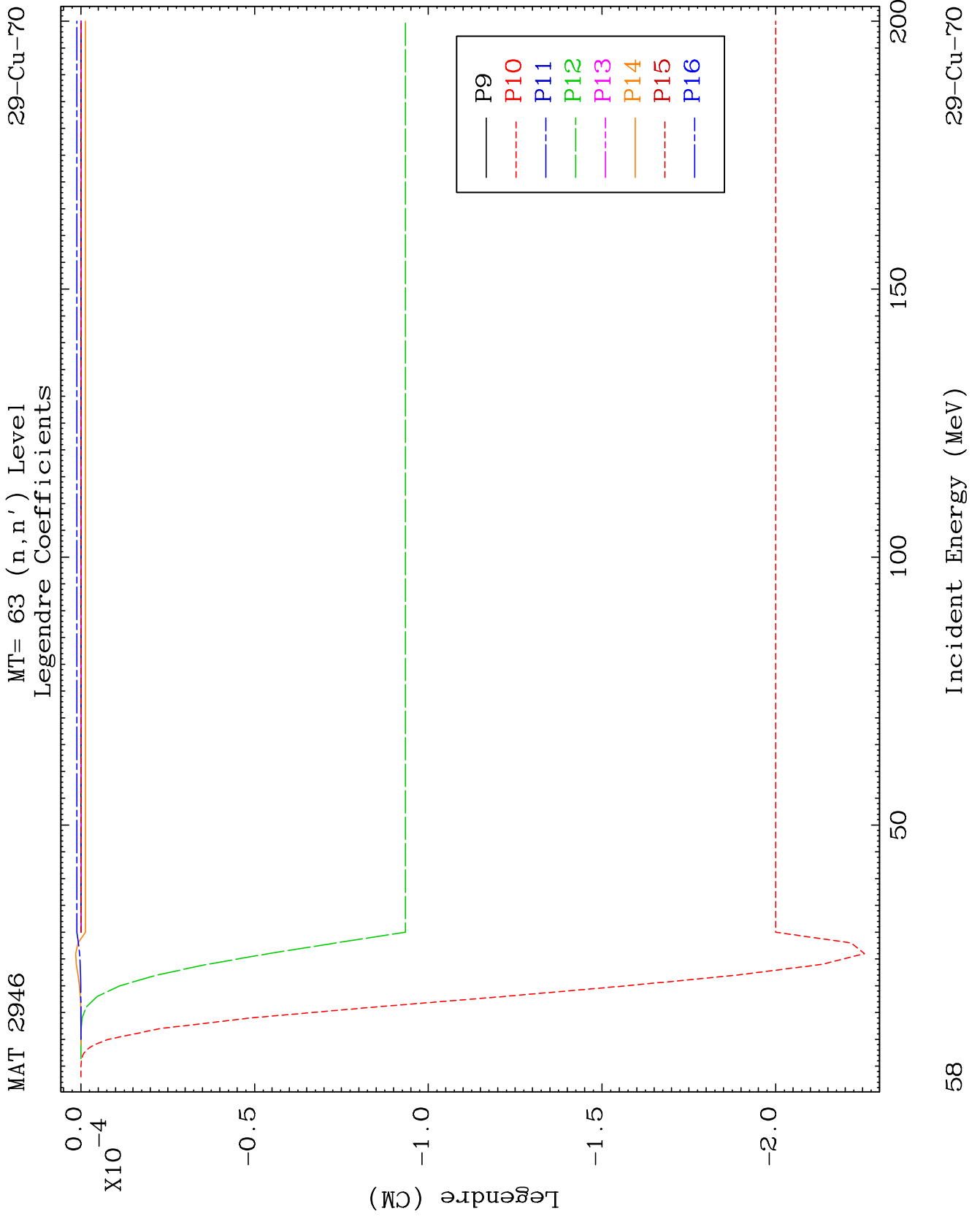


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Incident Energy (MeV)

29-Cu-70

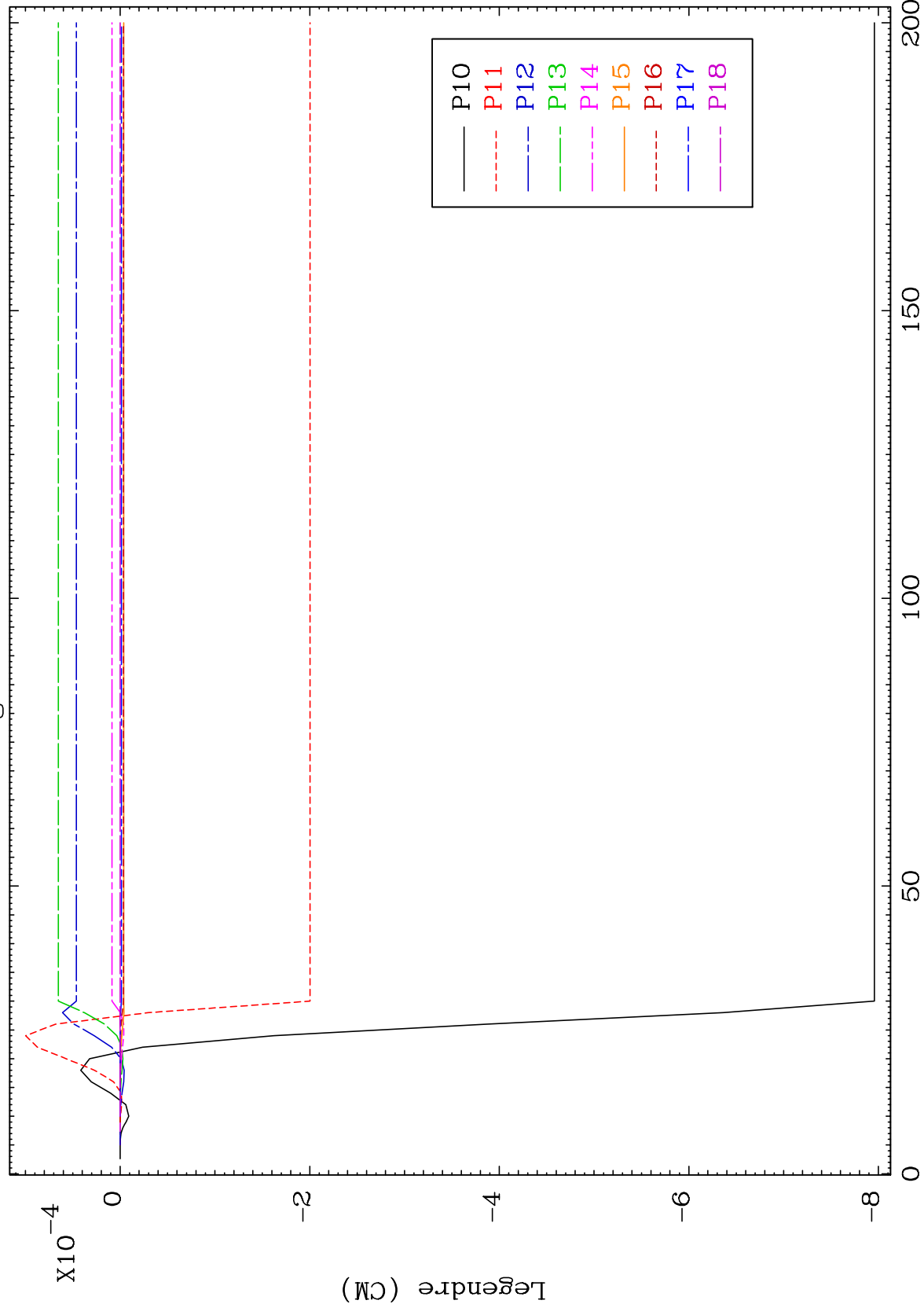




MAT 2946

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

29-Cu-70



61

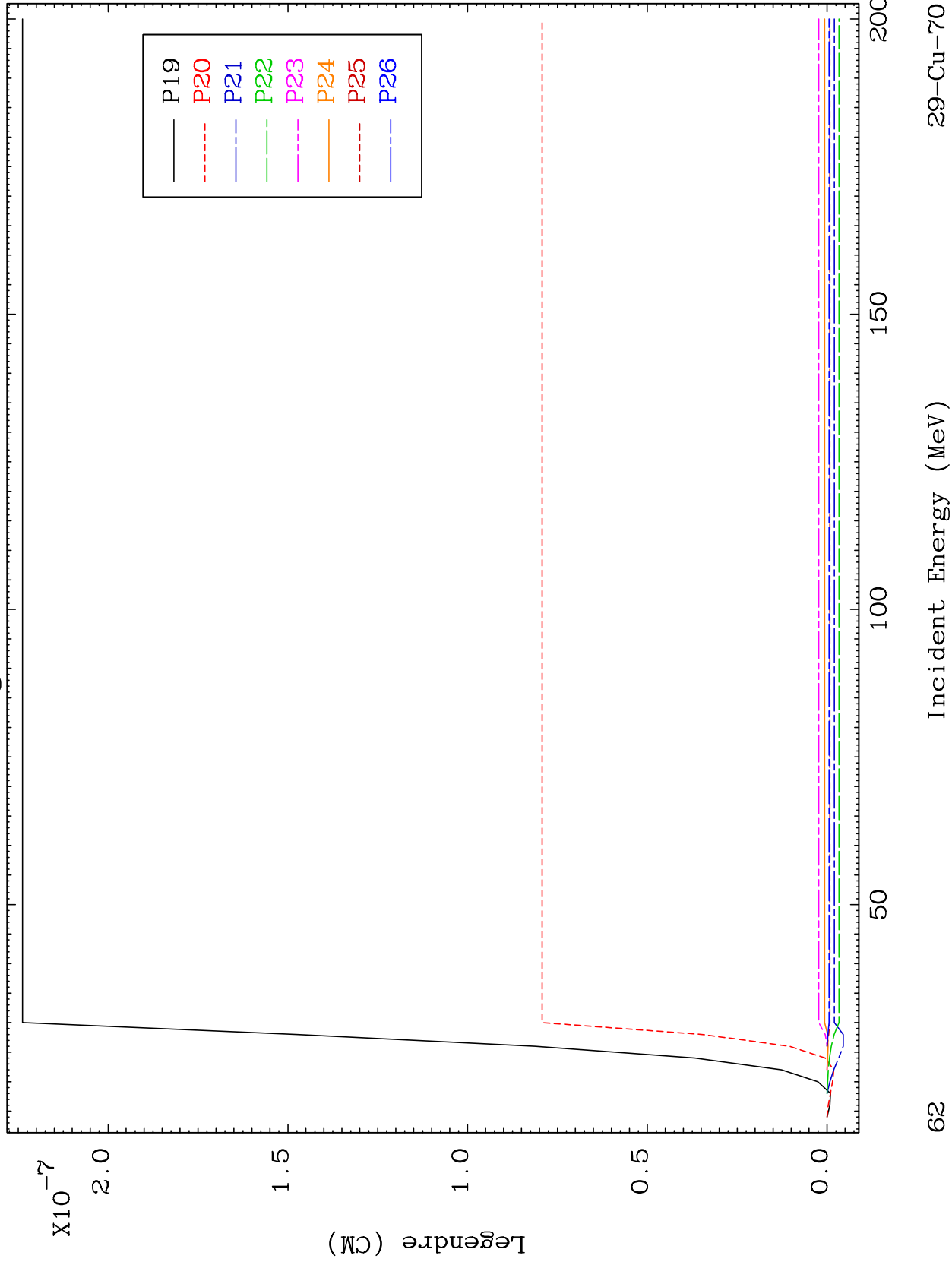
Incident Energy (MeV)

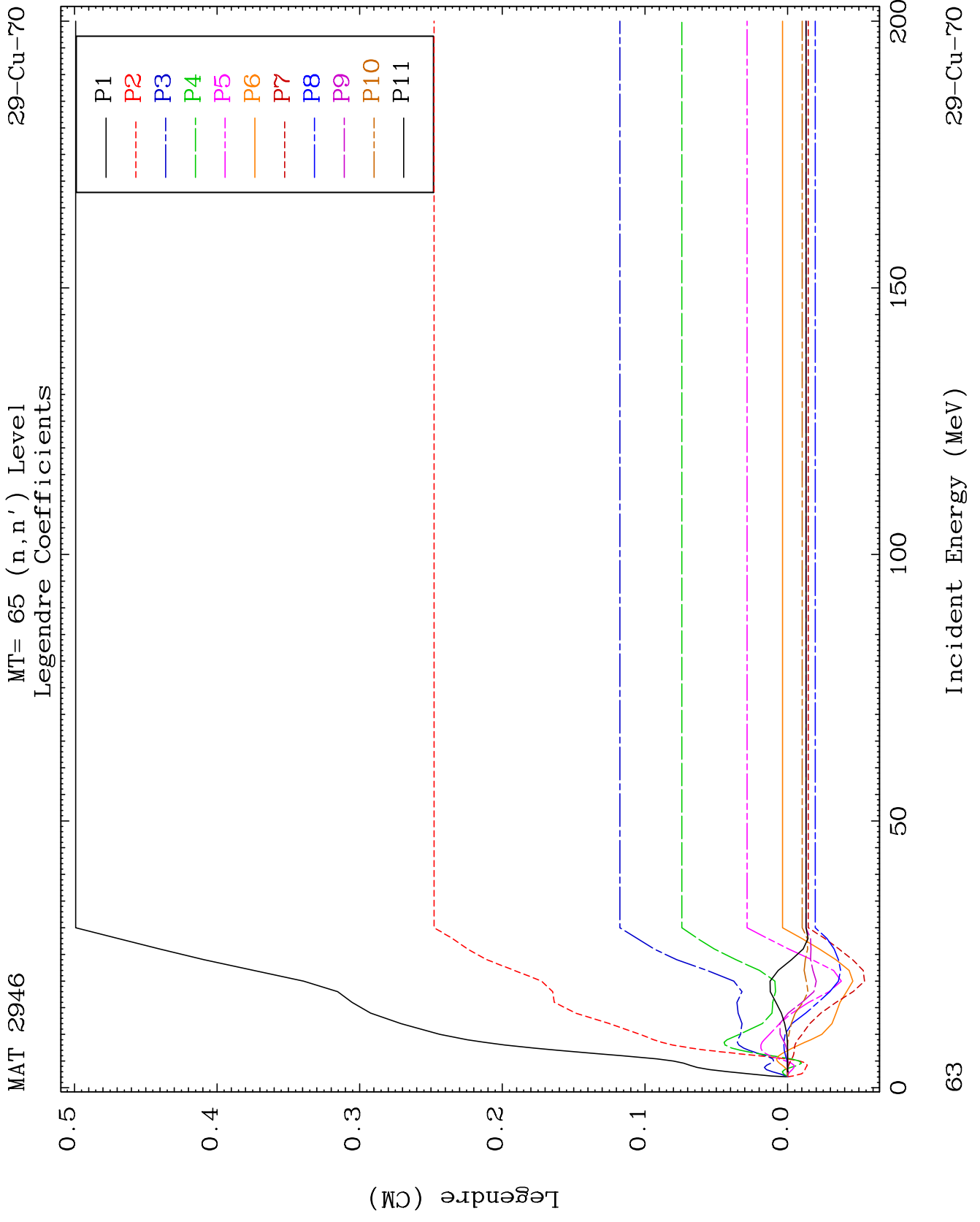
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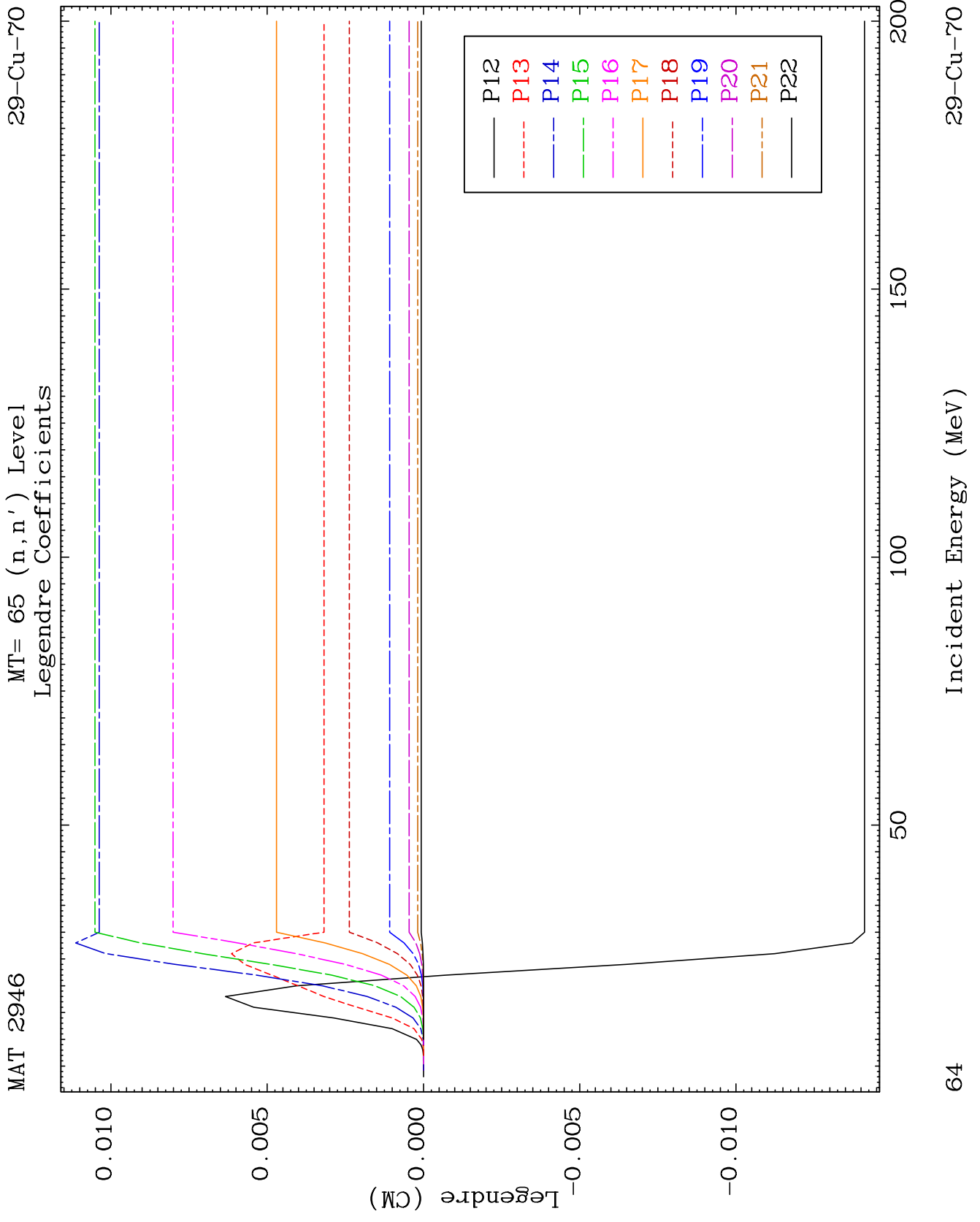
MAT 2946

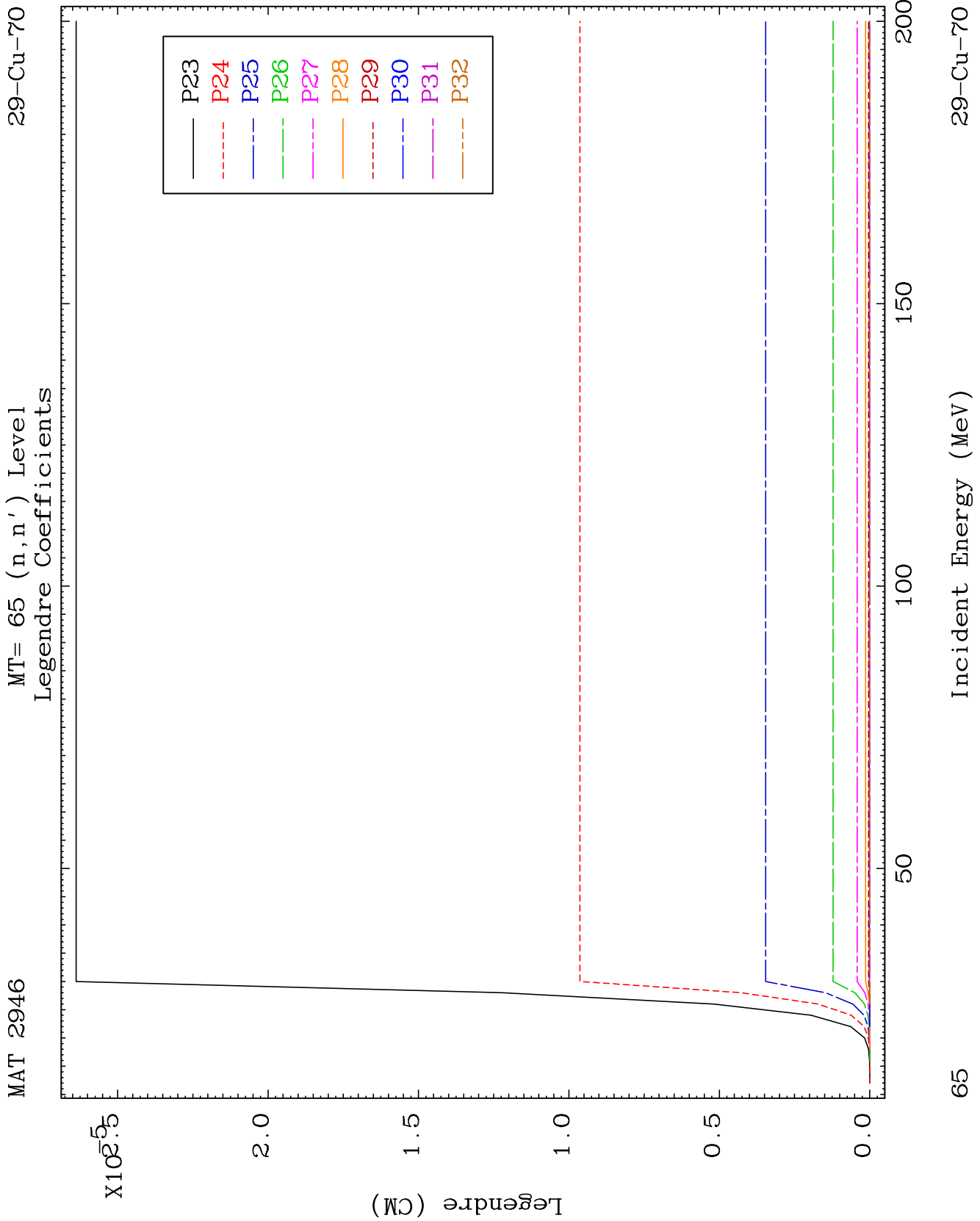
MT= 64 (n,n') Level
Legendre Coefficients

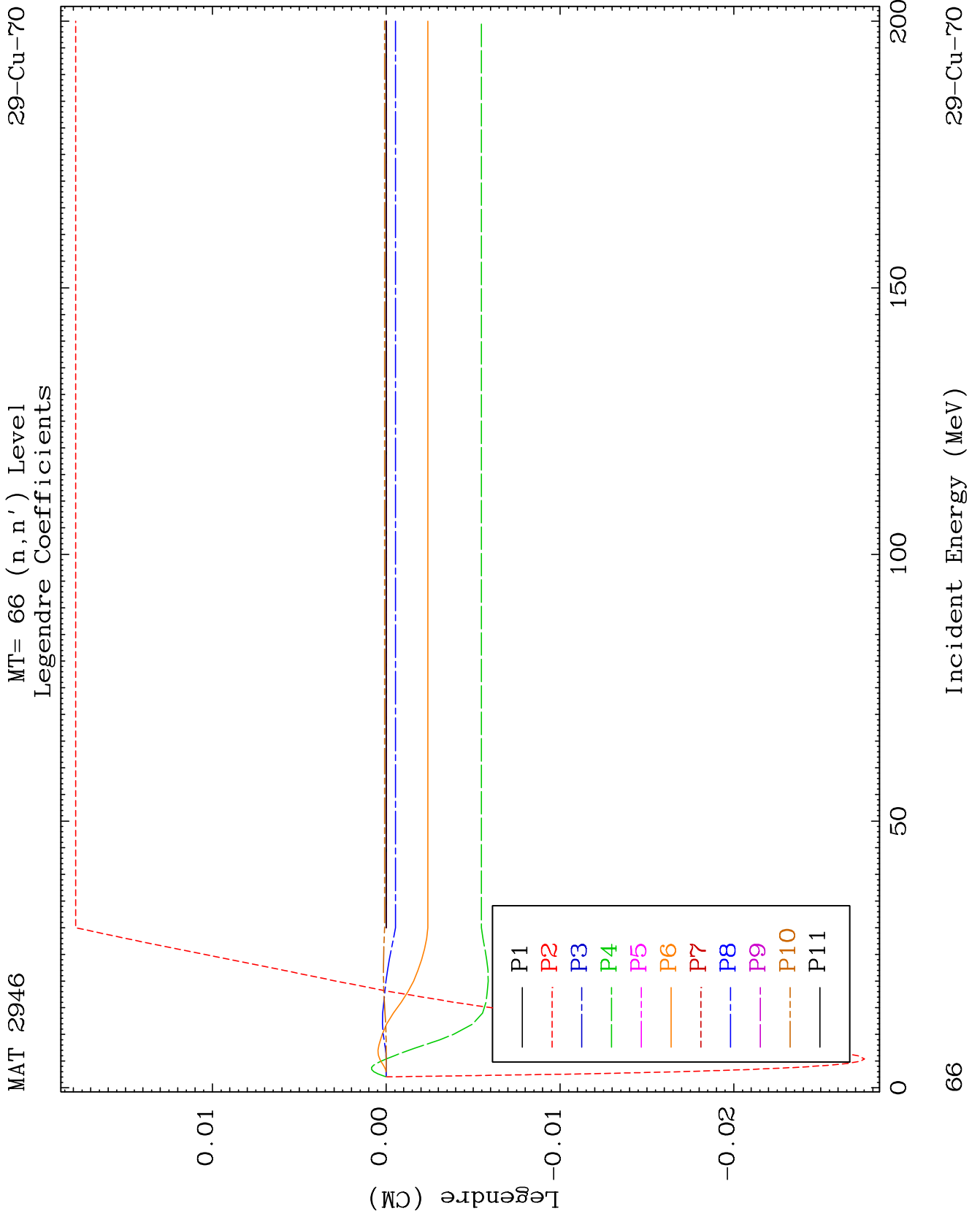
29-Cu-70







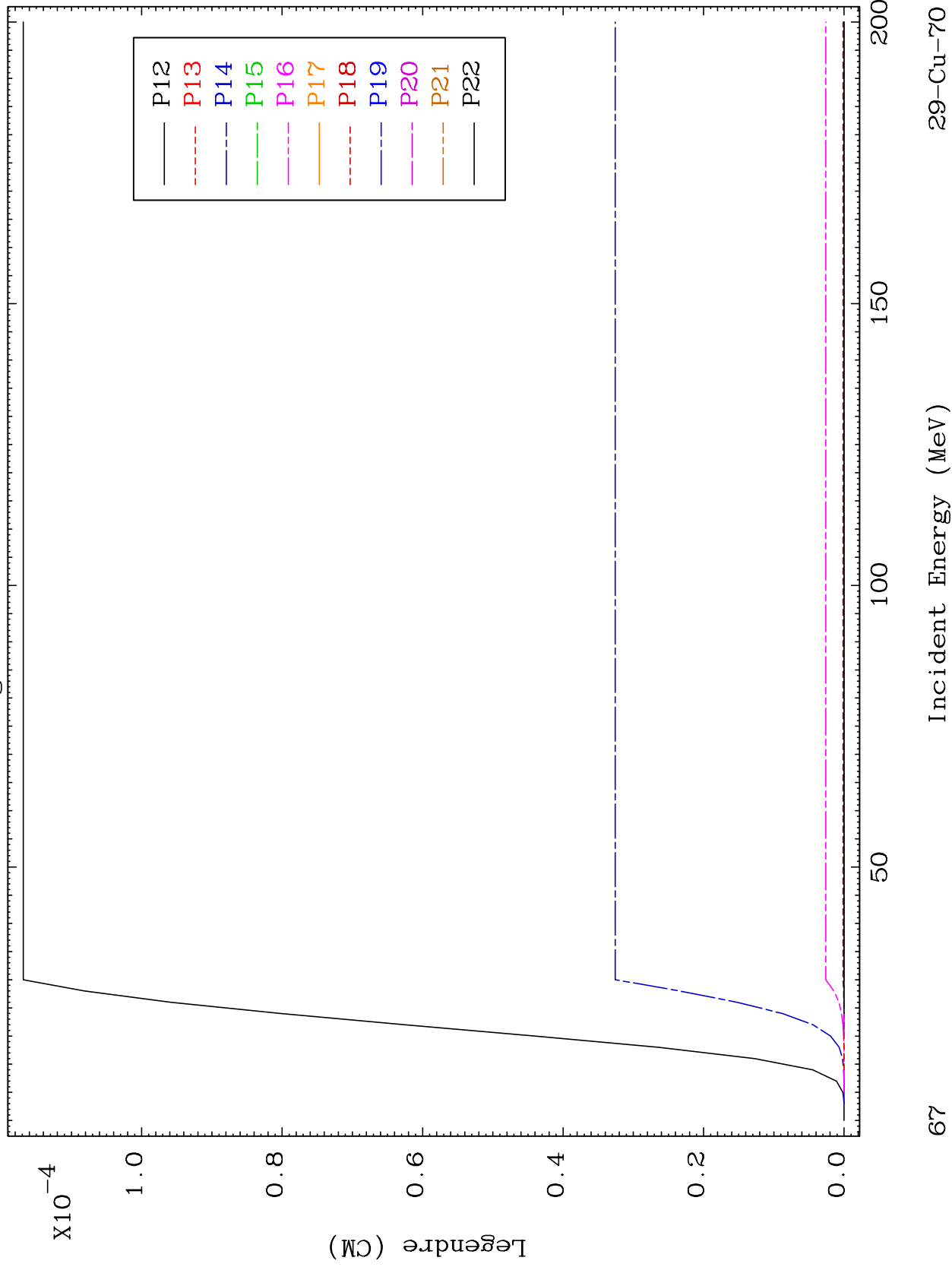




MAT 2946

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

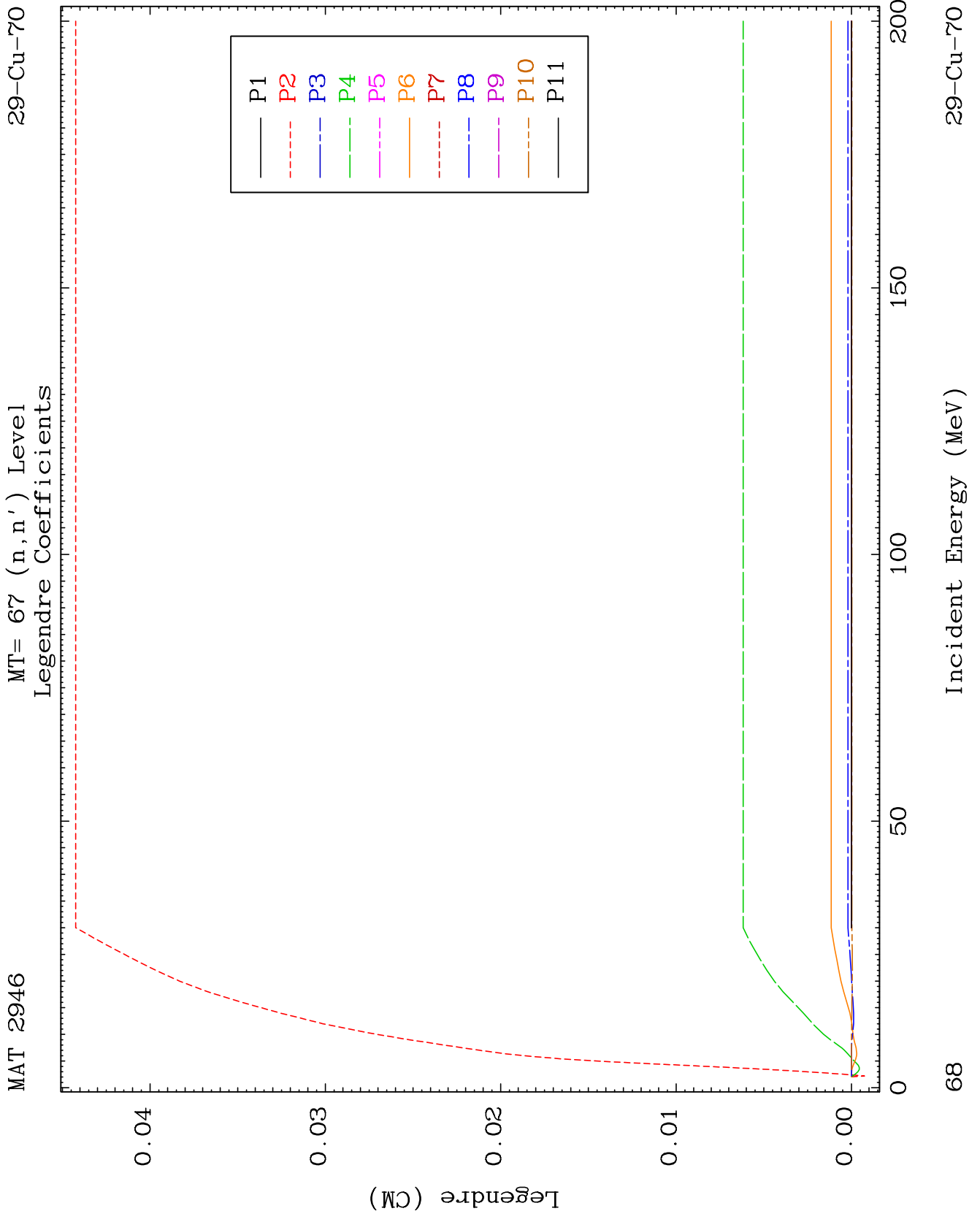
29-Cu-70



67

Incident Energy (MeV)

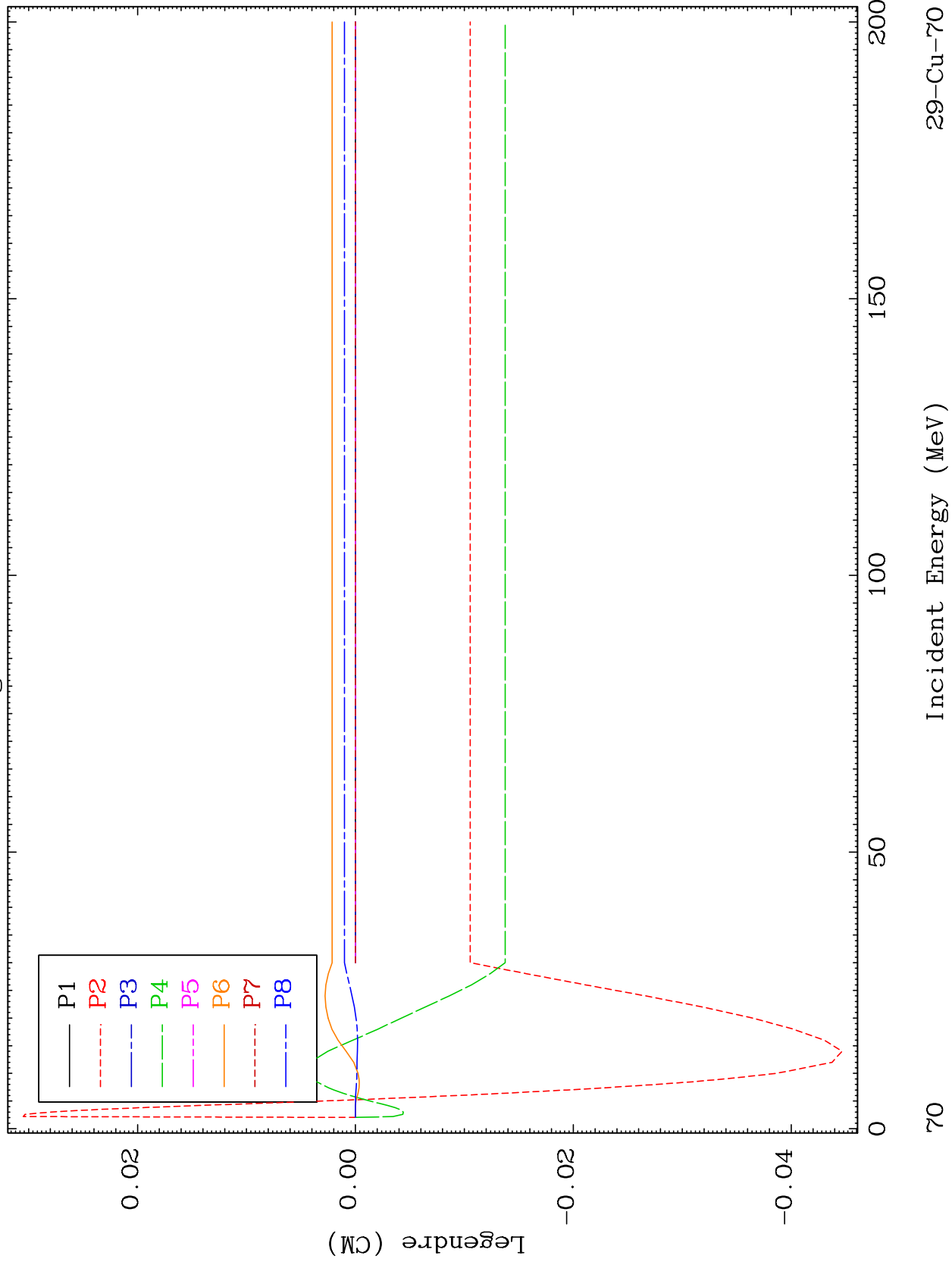
29-Cu-70

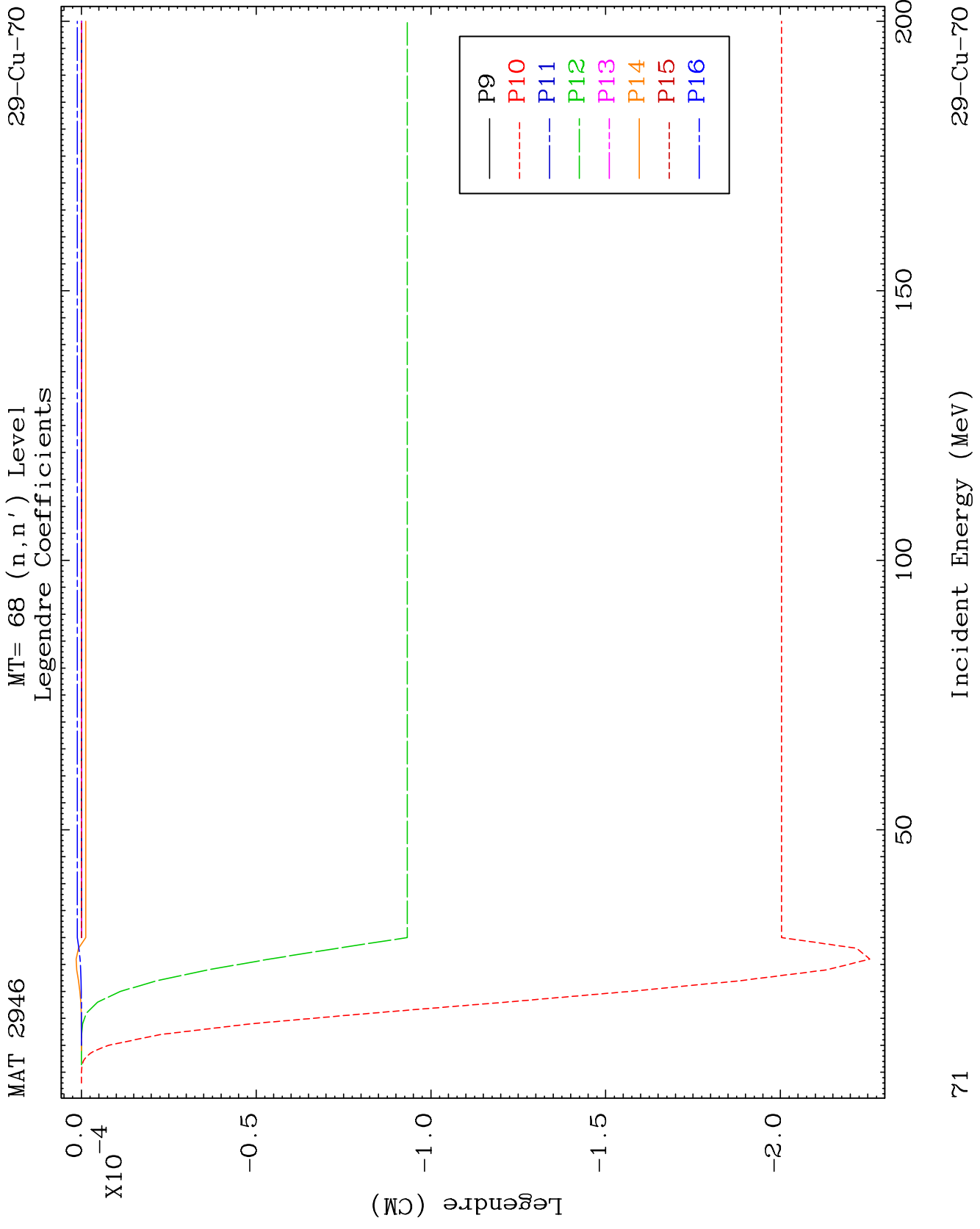


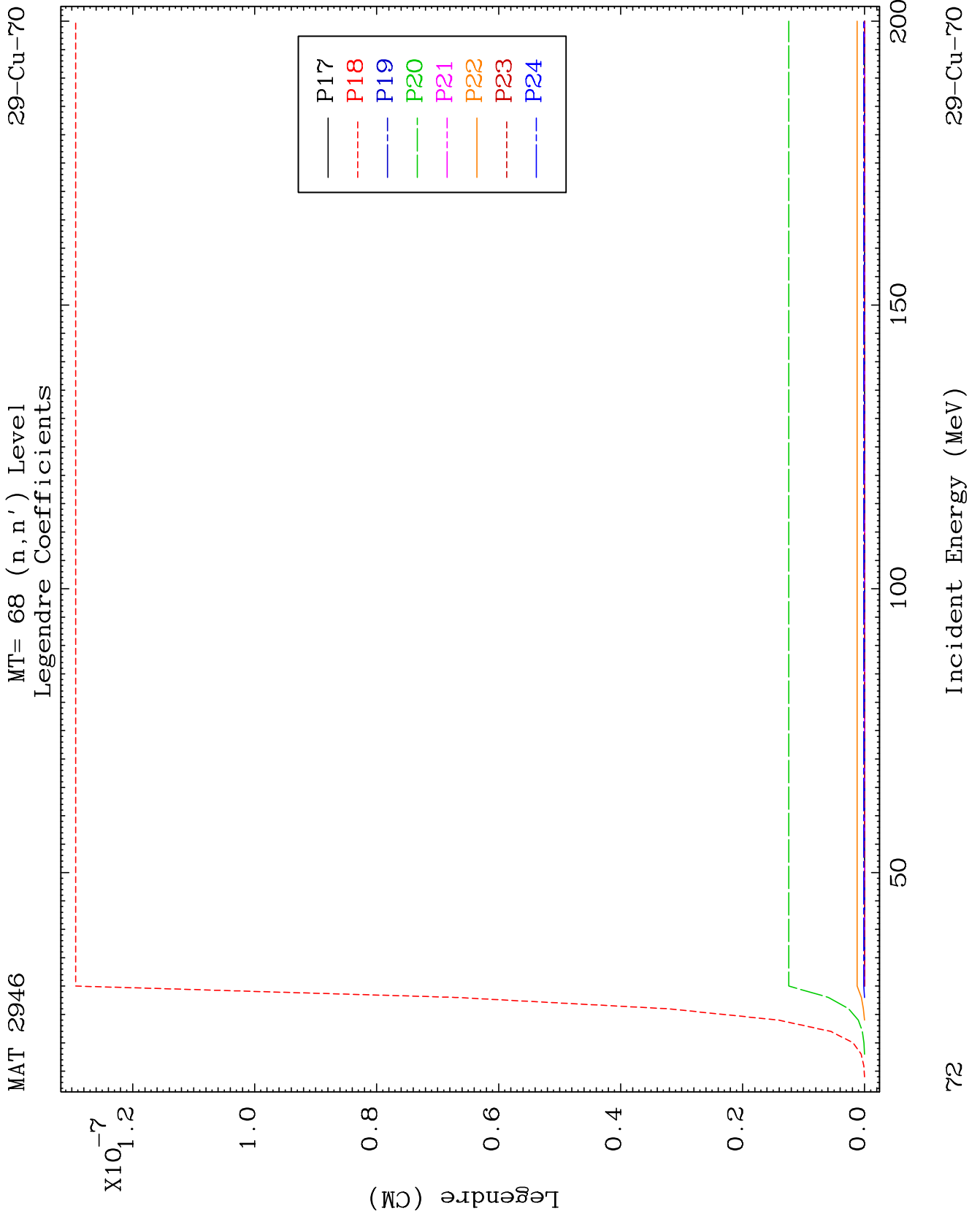
MAT 2946

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

29-Cu-70



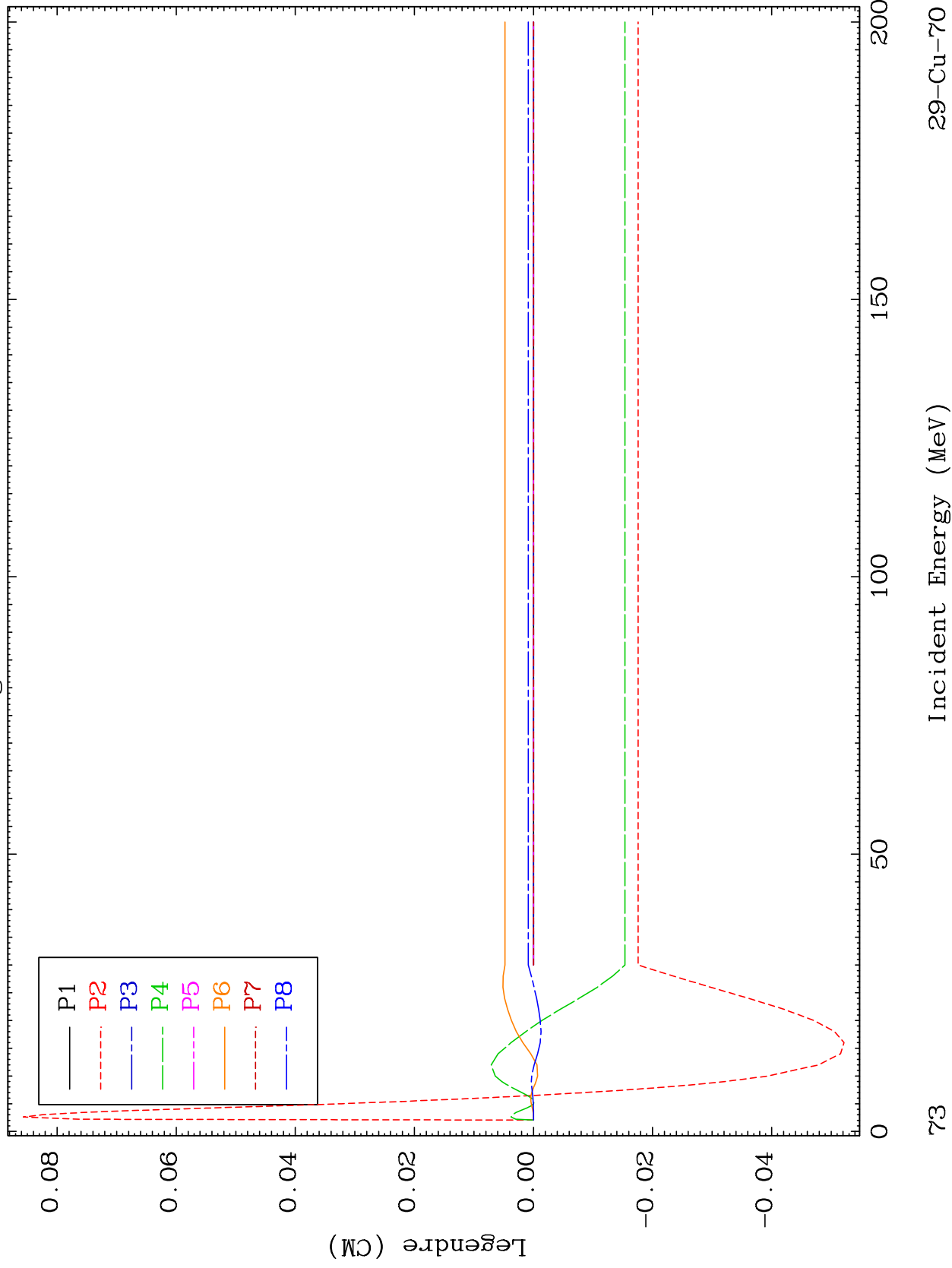




MAT 2946

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

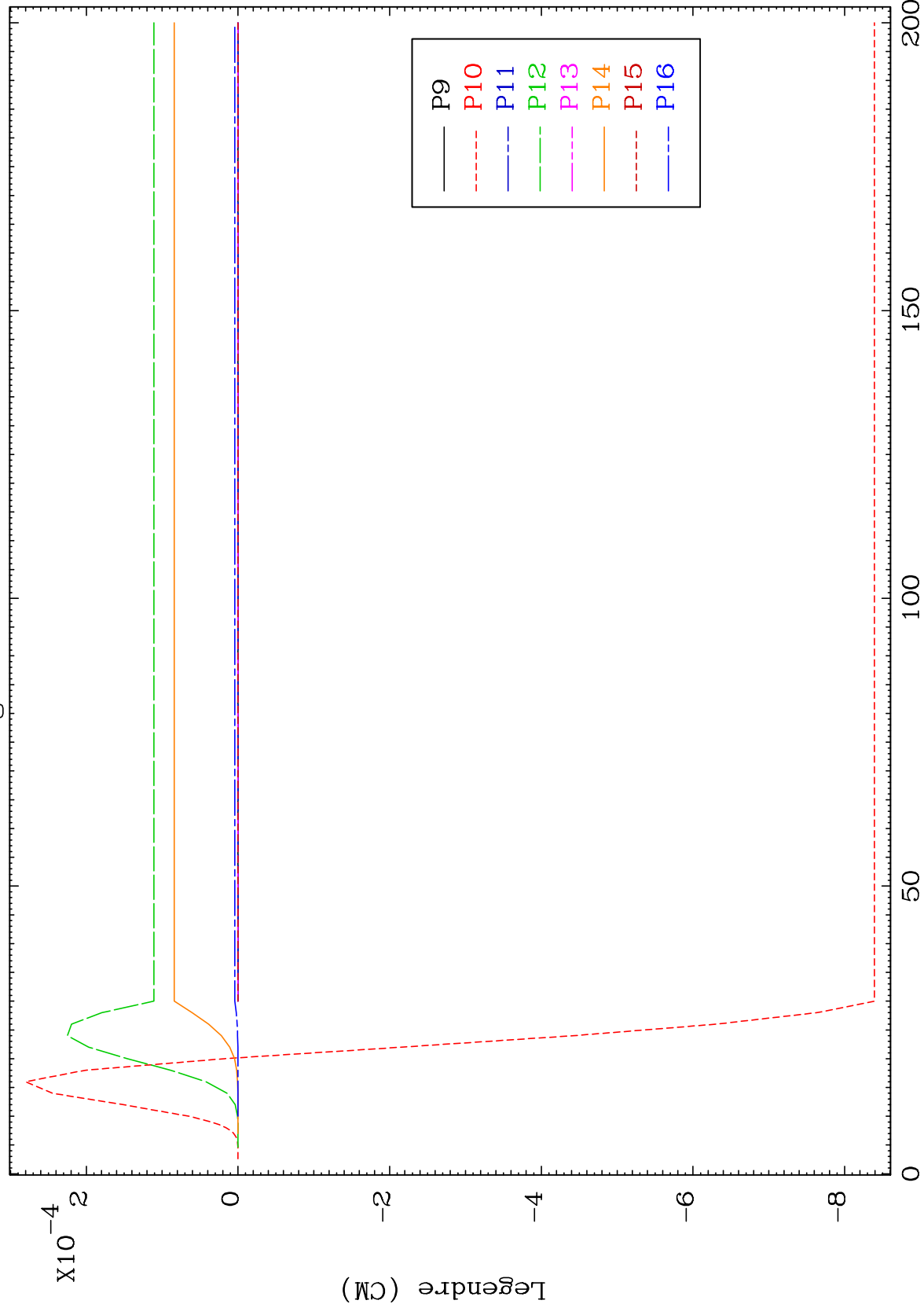
29-Cu-70



MAT 2946

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

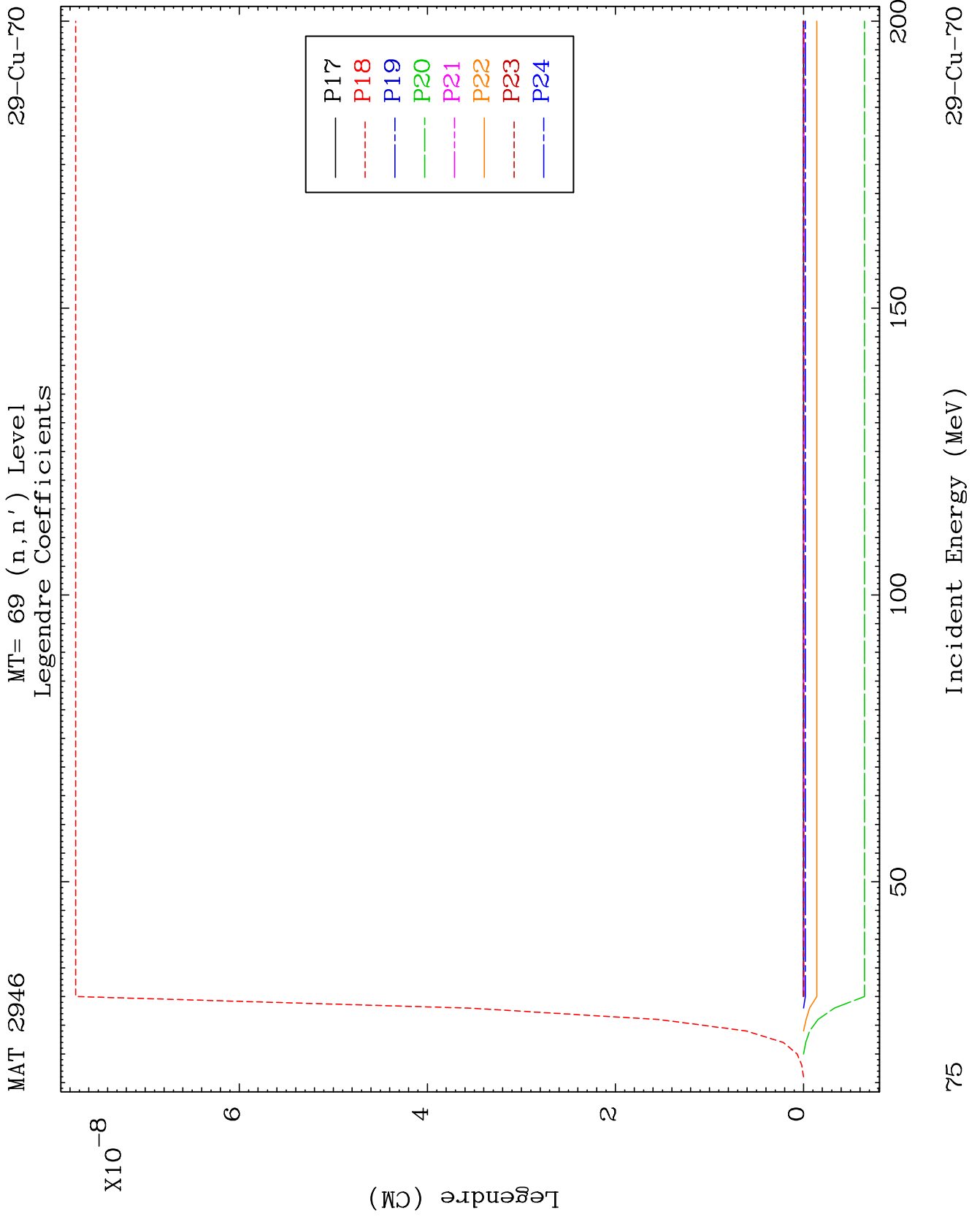
29-Cu-70

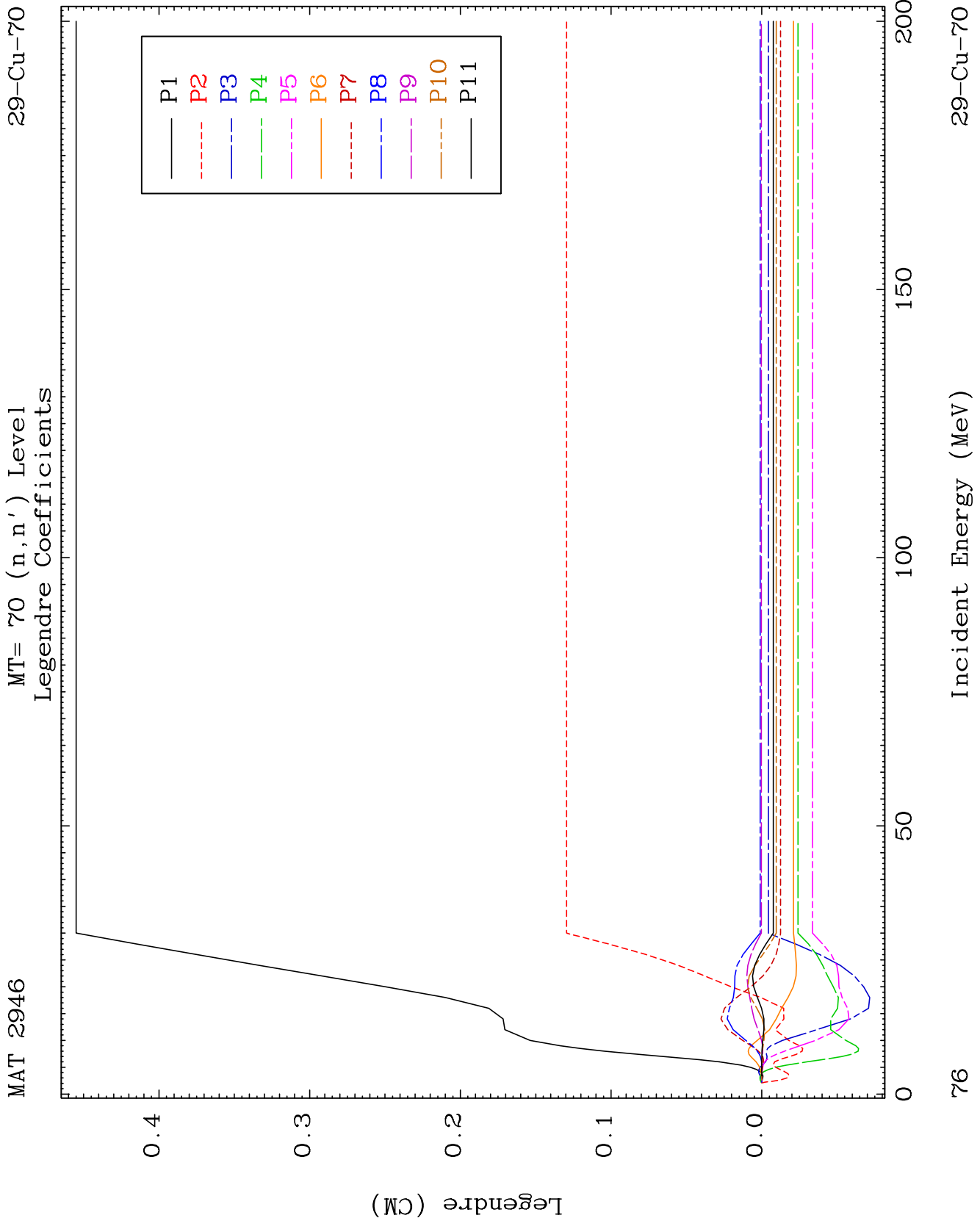


74

Incident Energy (MeV)

29-Cu-70

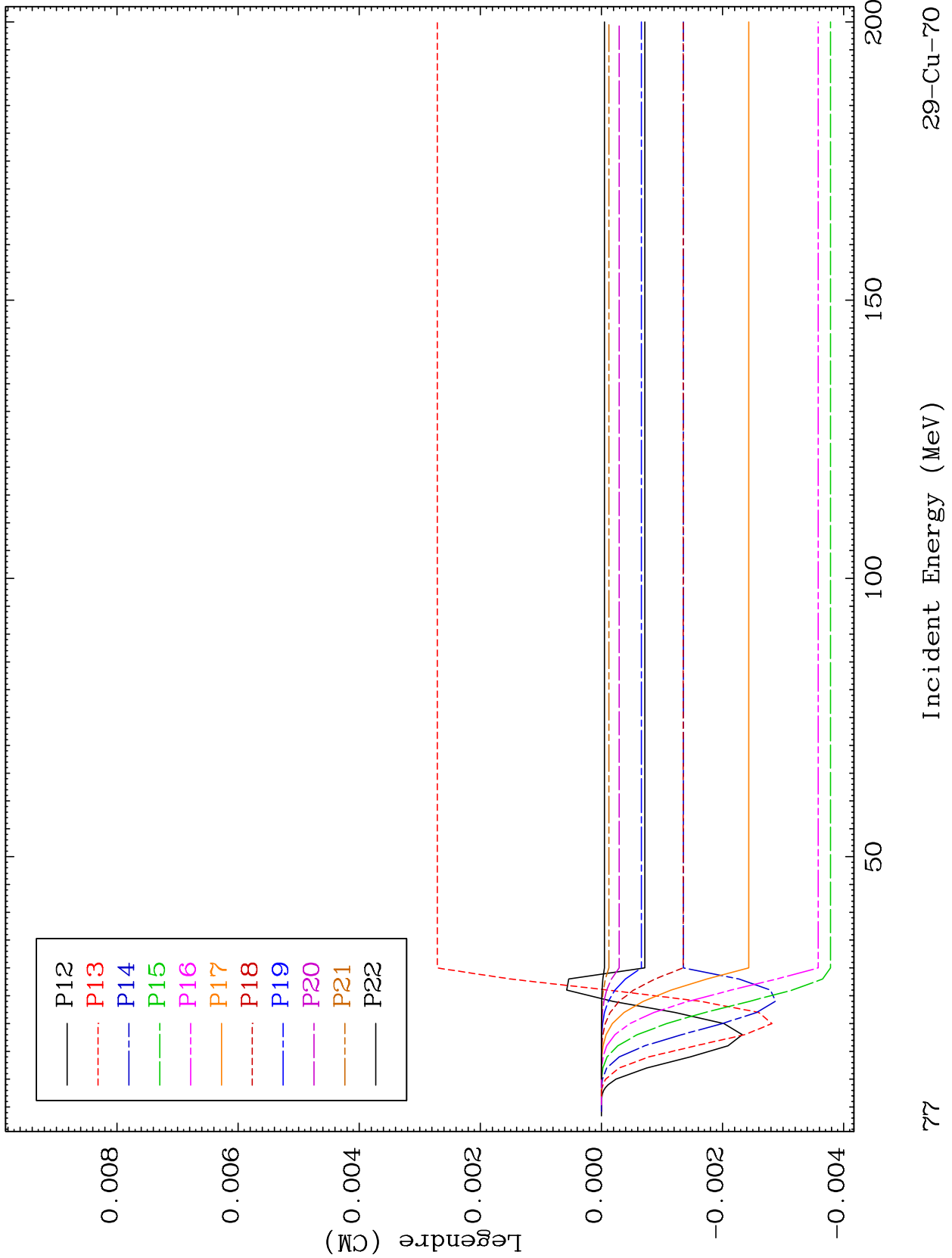


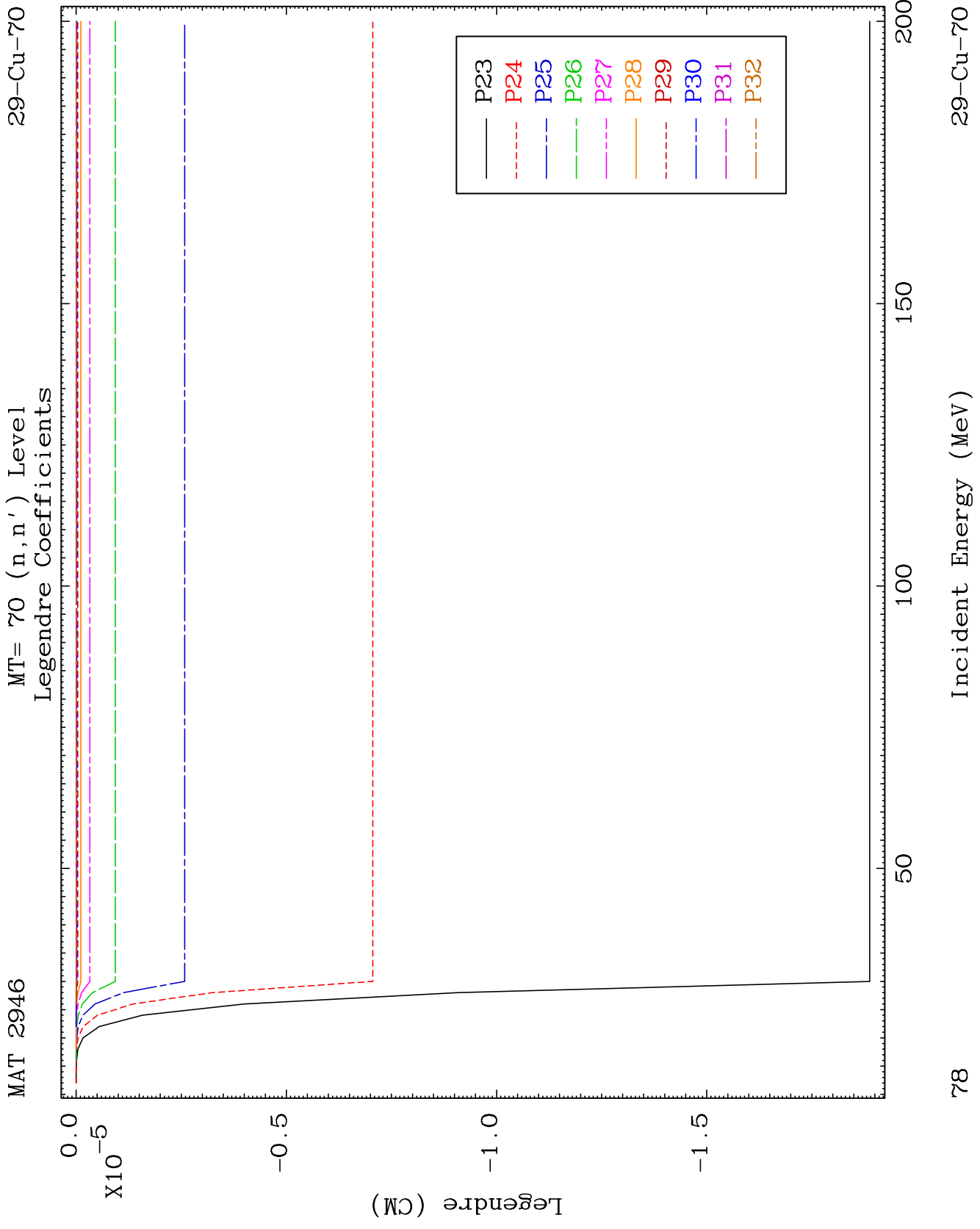


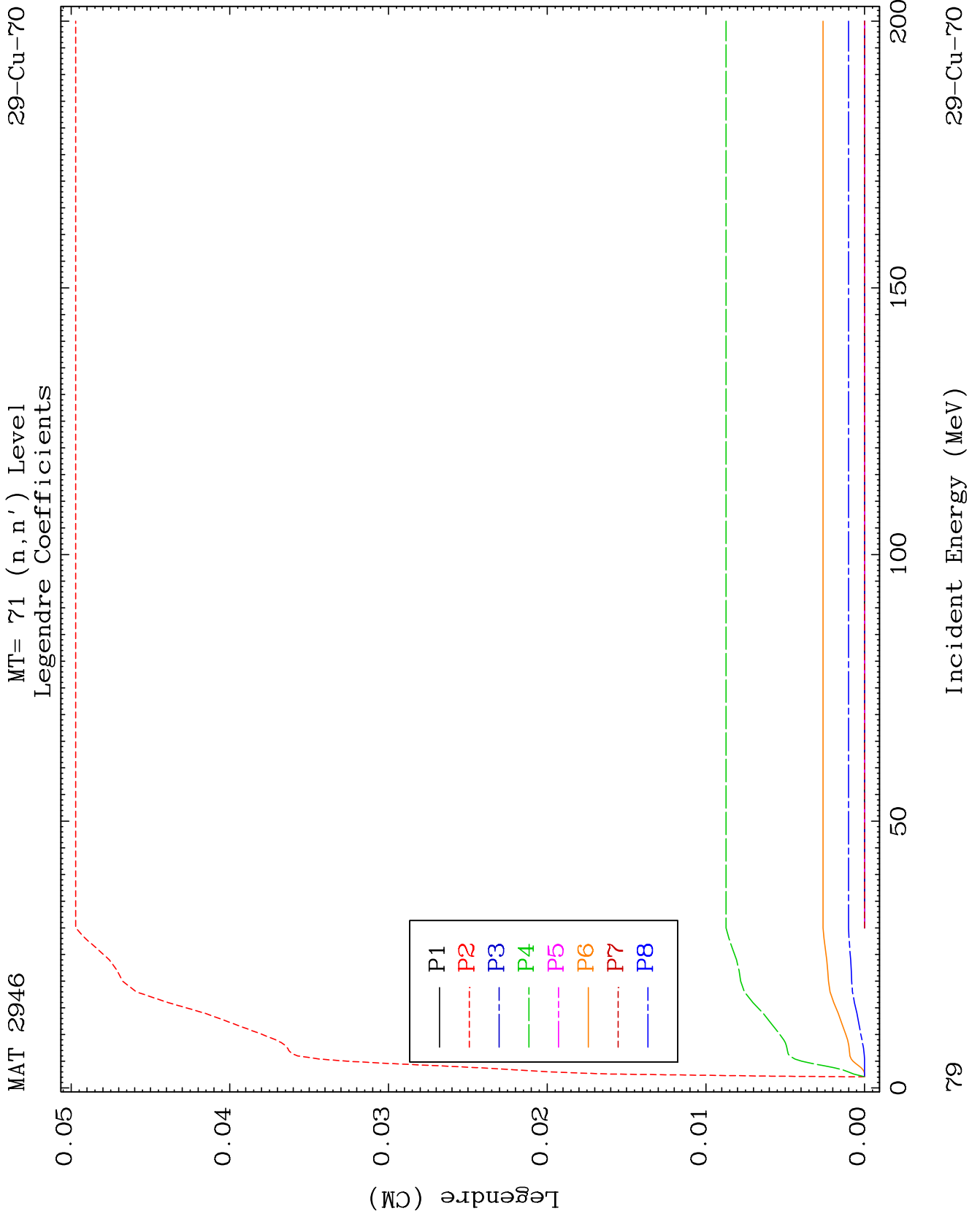
MAT 2946

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

29-Cu-70



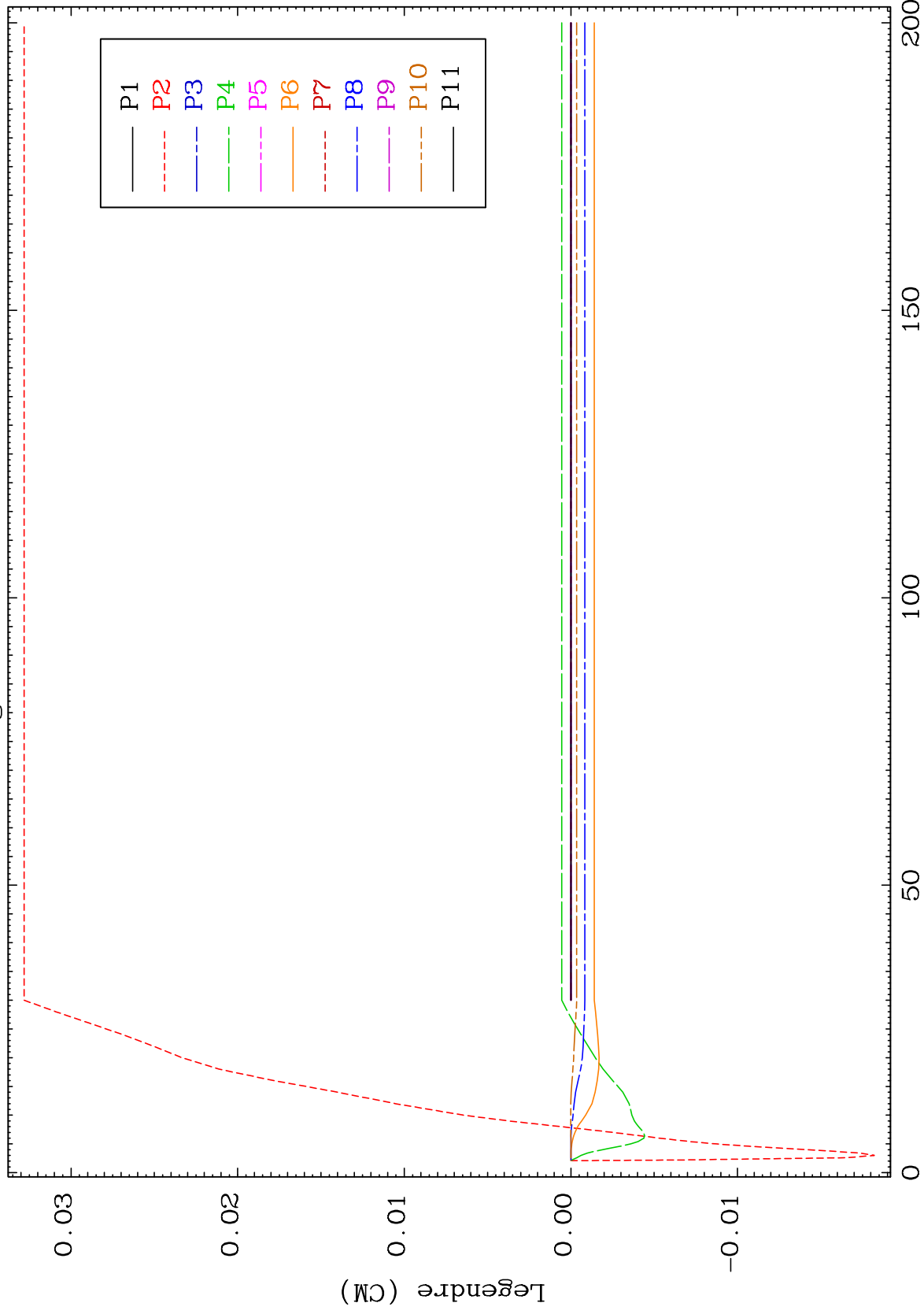




MAT 2946

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

29-Cu-70



29-Cu-70

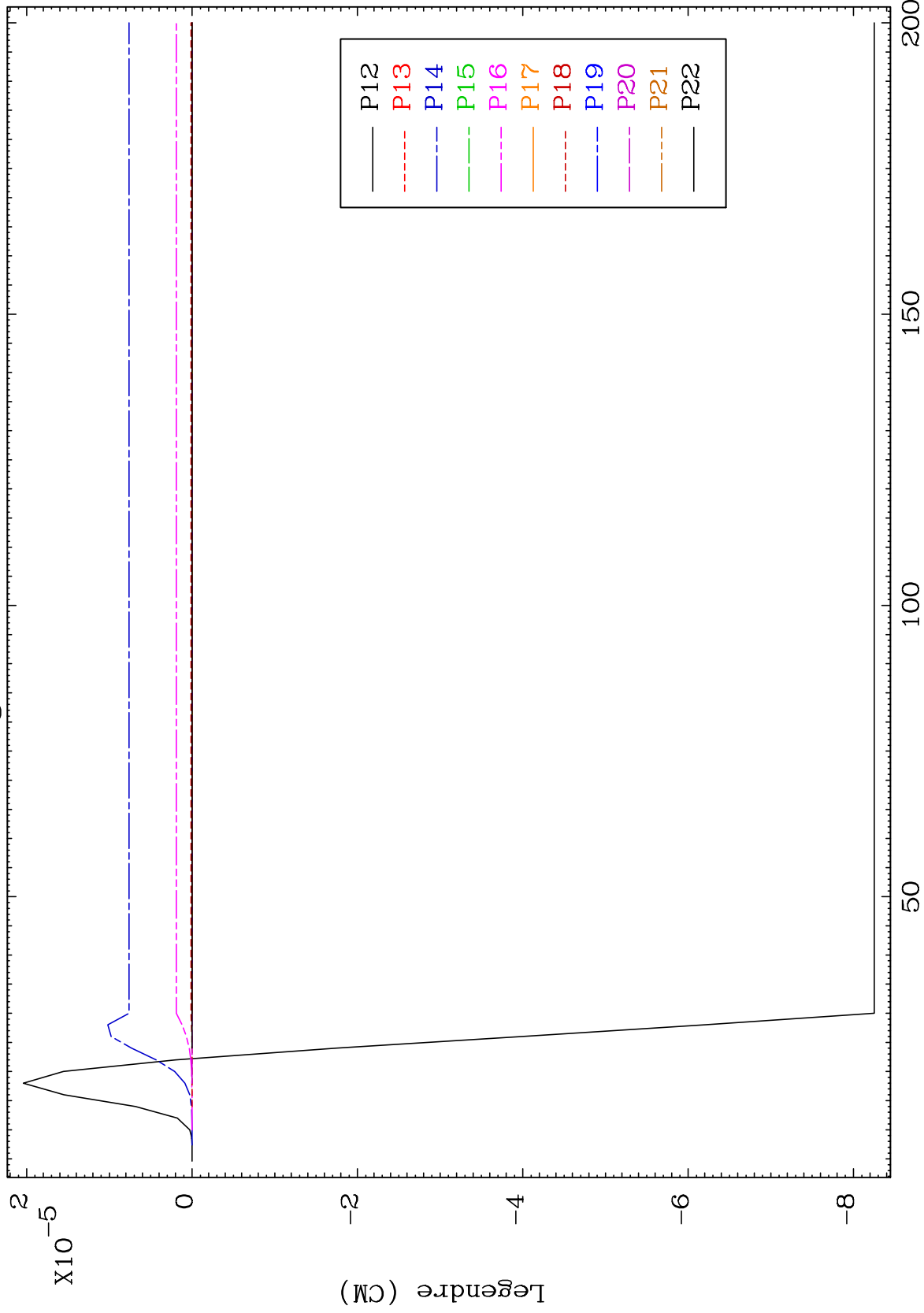
Incident Energy (MeV)

82

MAT 2946

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

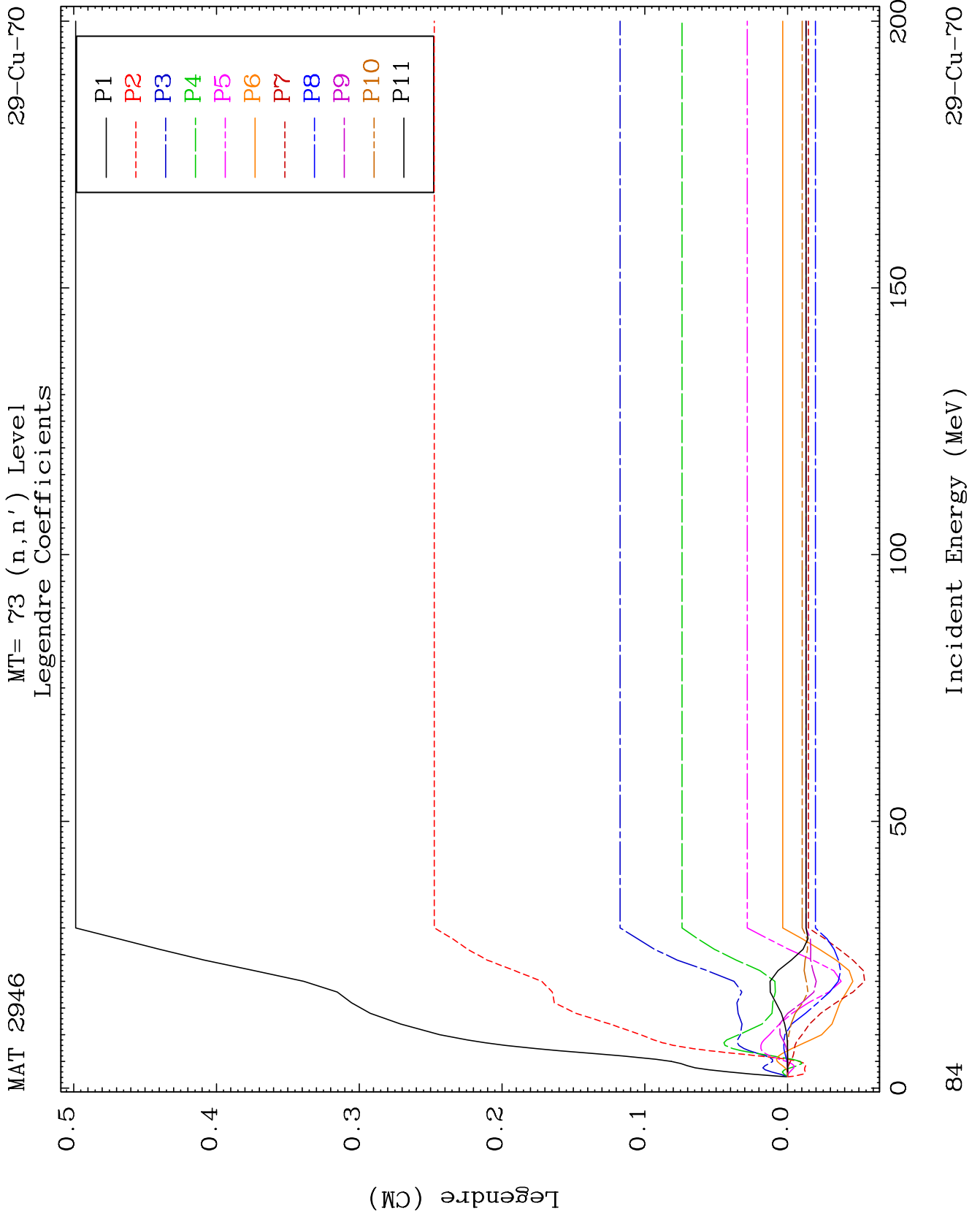
29-Cu-70



83

Incident Energy (MeV)

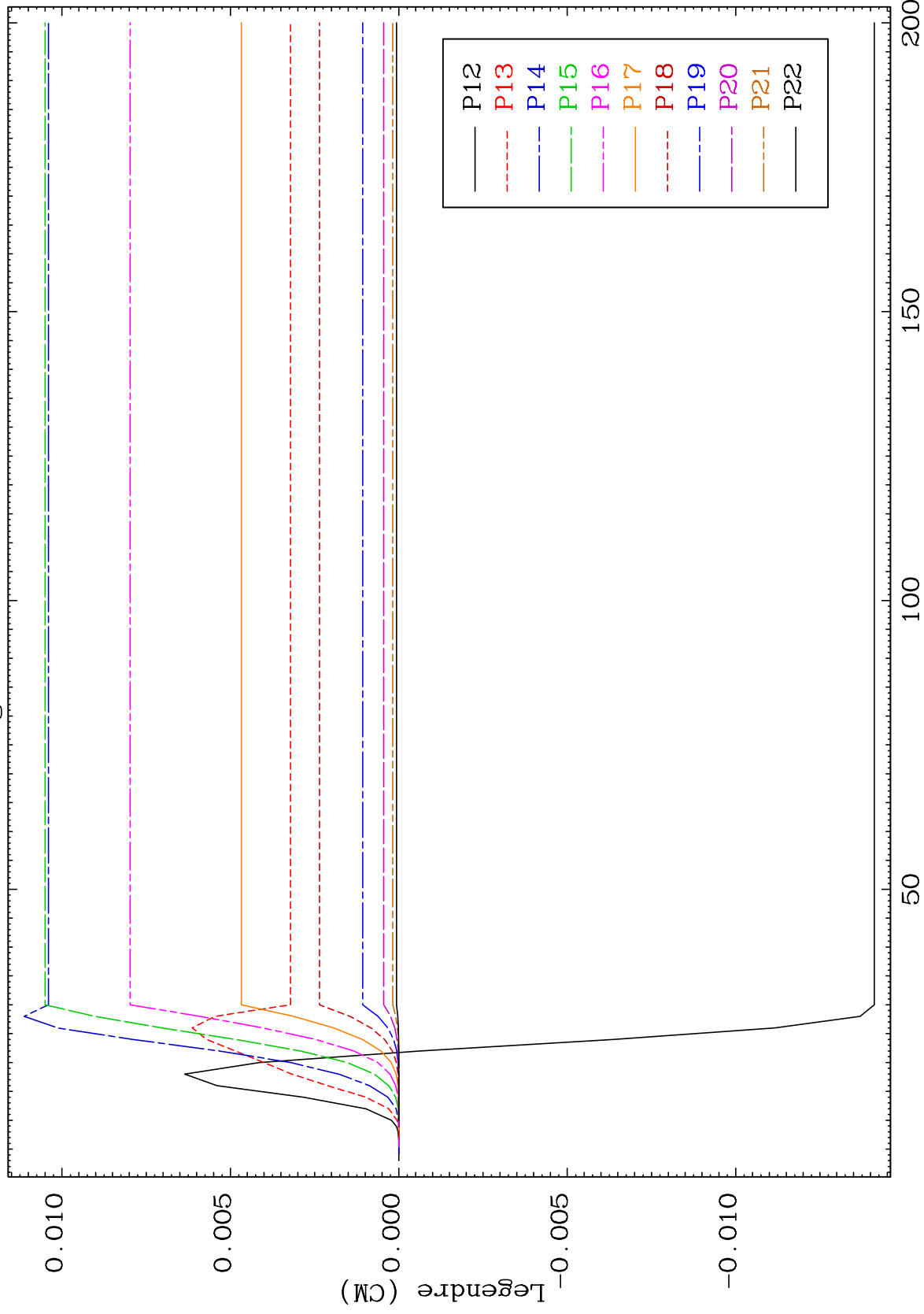
29-Cu-70



MAT 2946

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

29-Cu-70



85

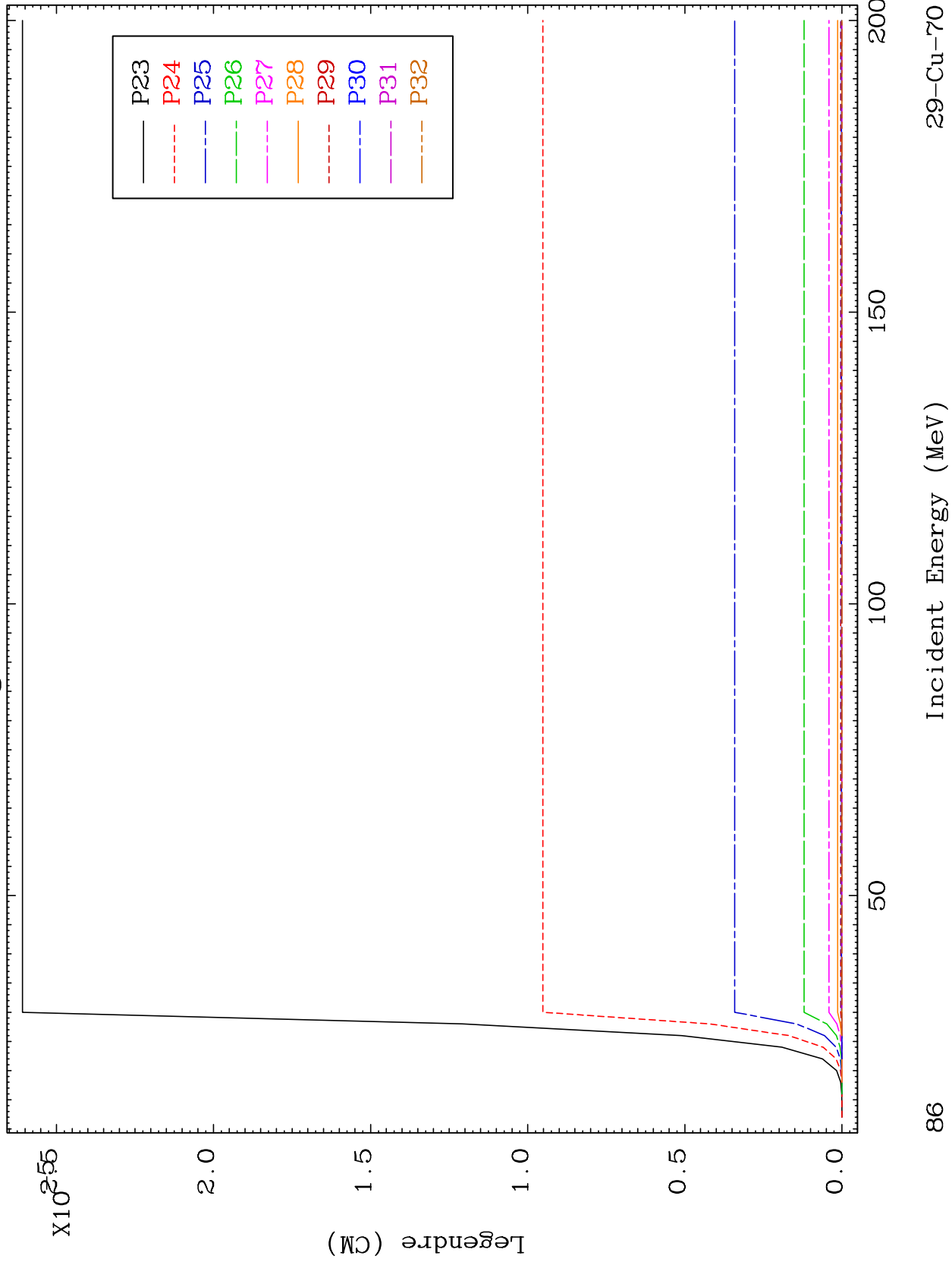
Incident Energy (MeV)

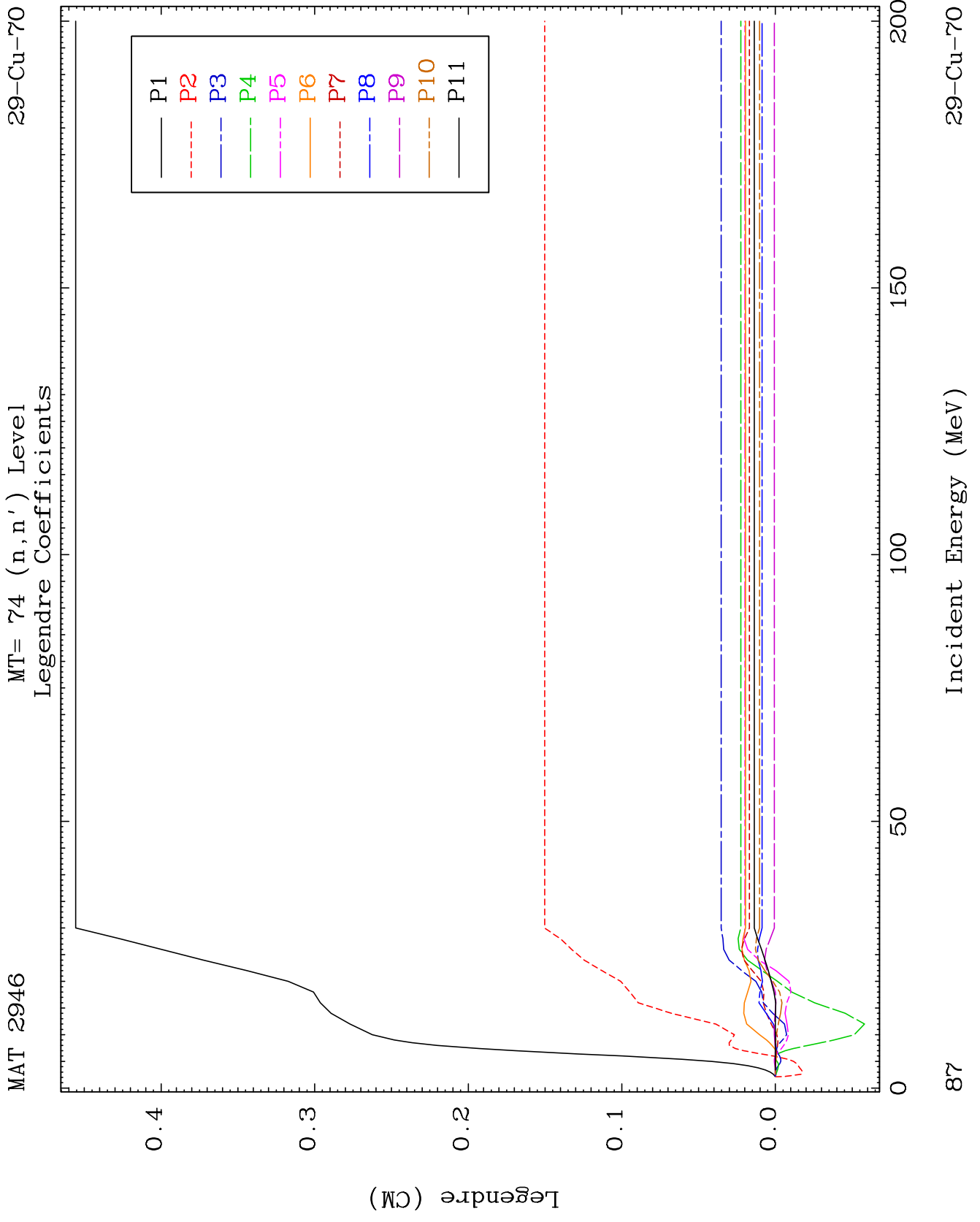
29-Cu-70

MAT 2946

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

29-Cu-70

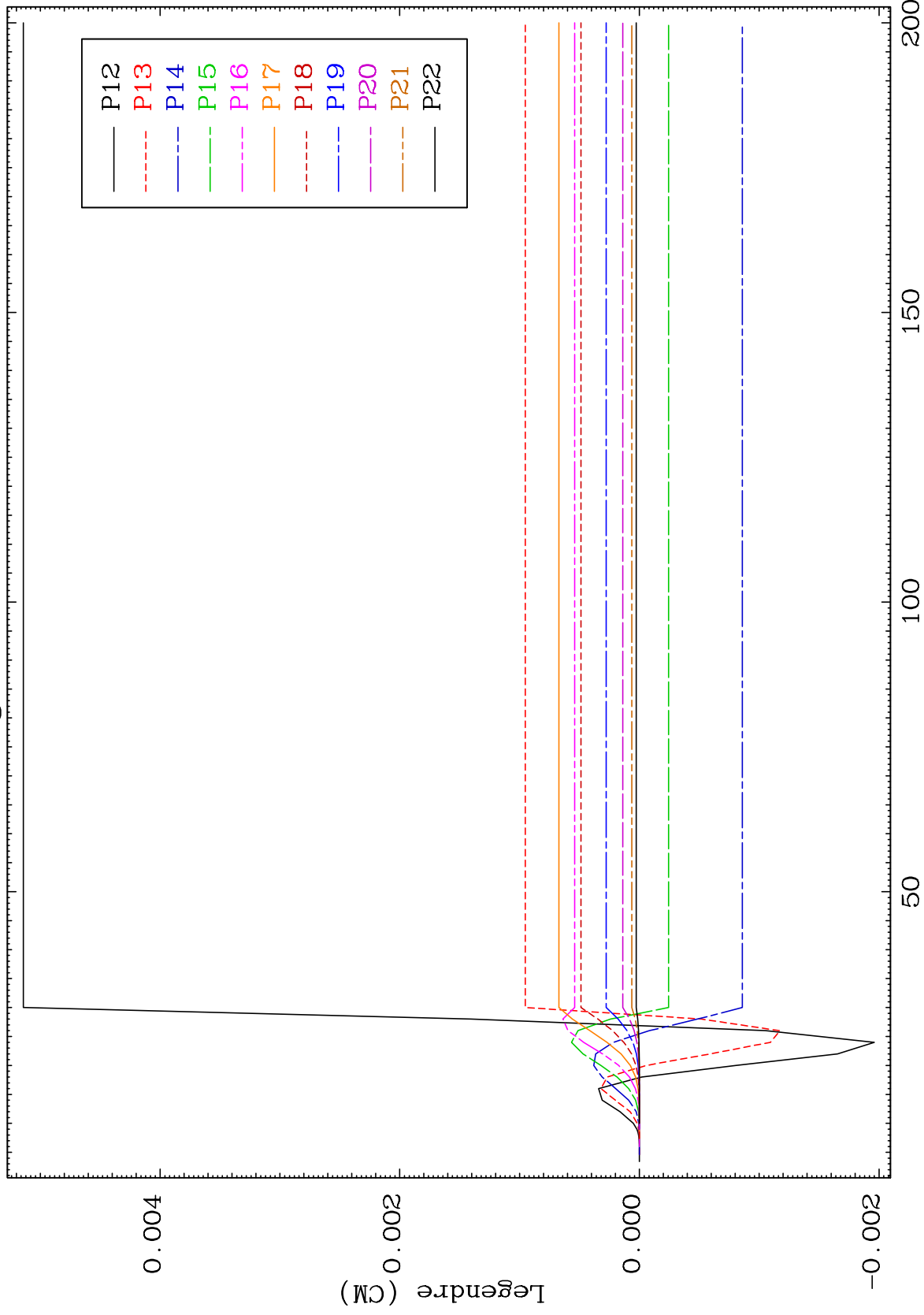




MAT 2946

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

29-Cu-70



88

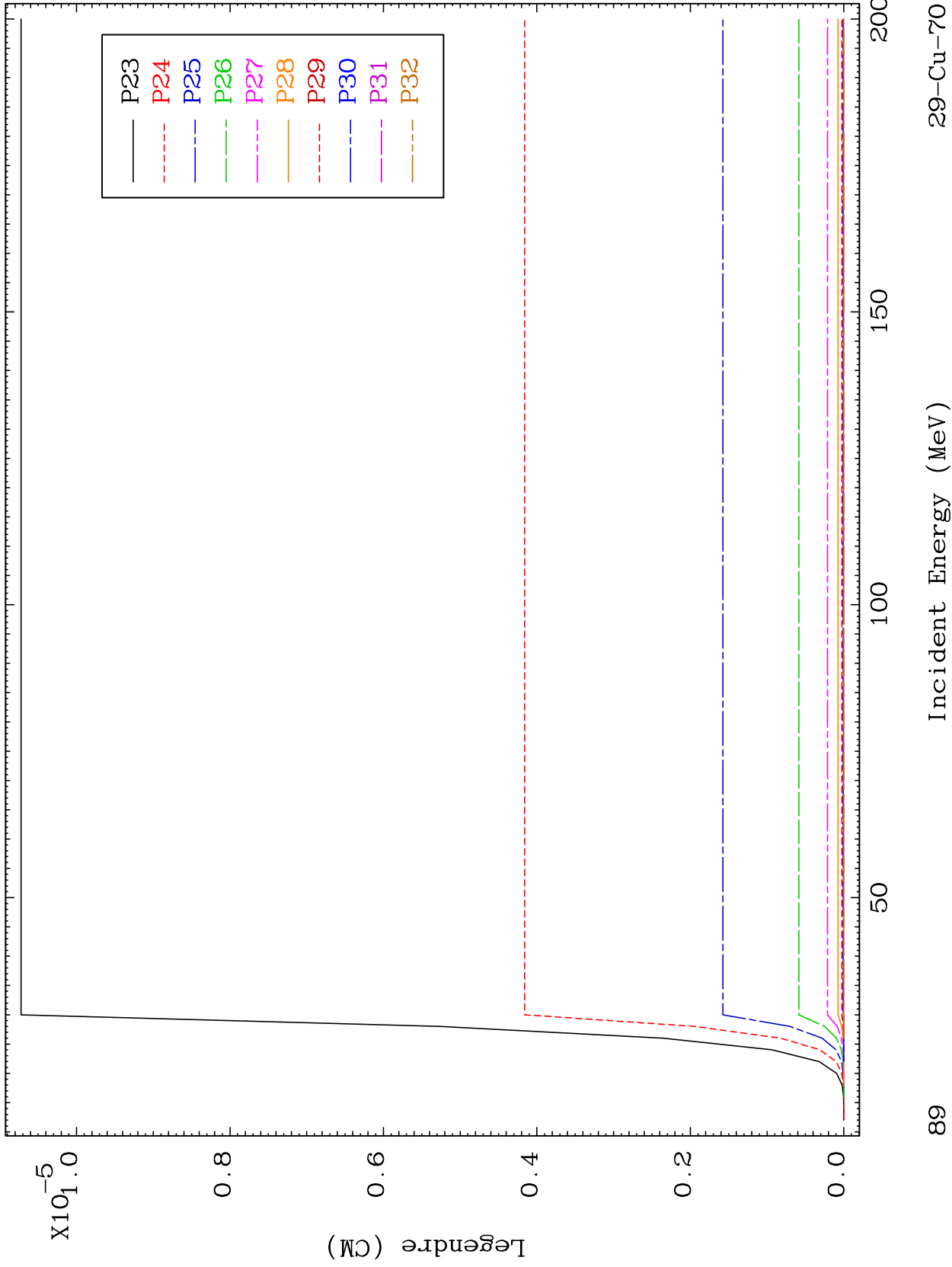
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

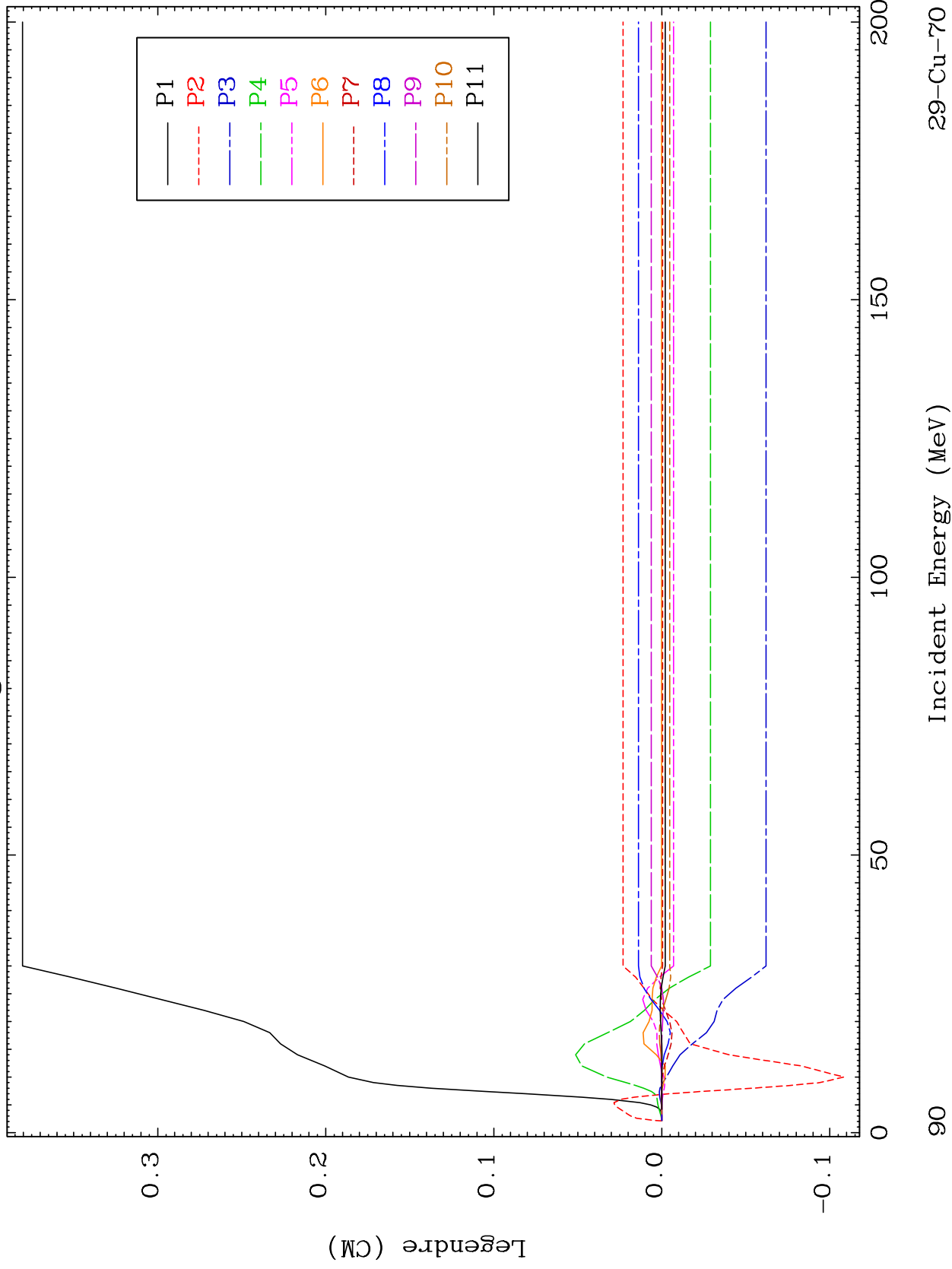
29-Cu-70



MAT 2946

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

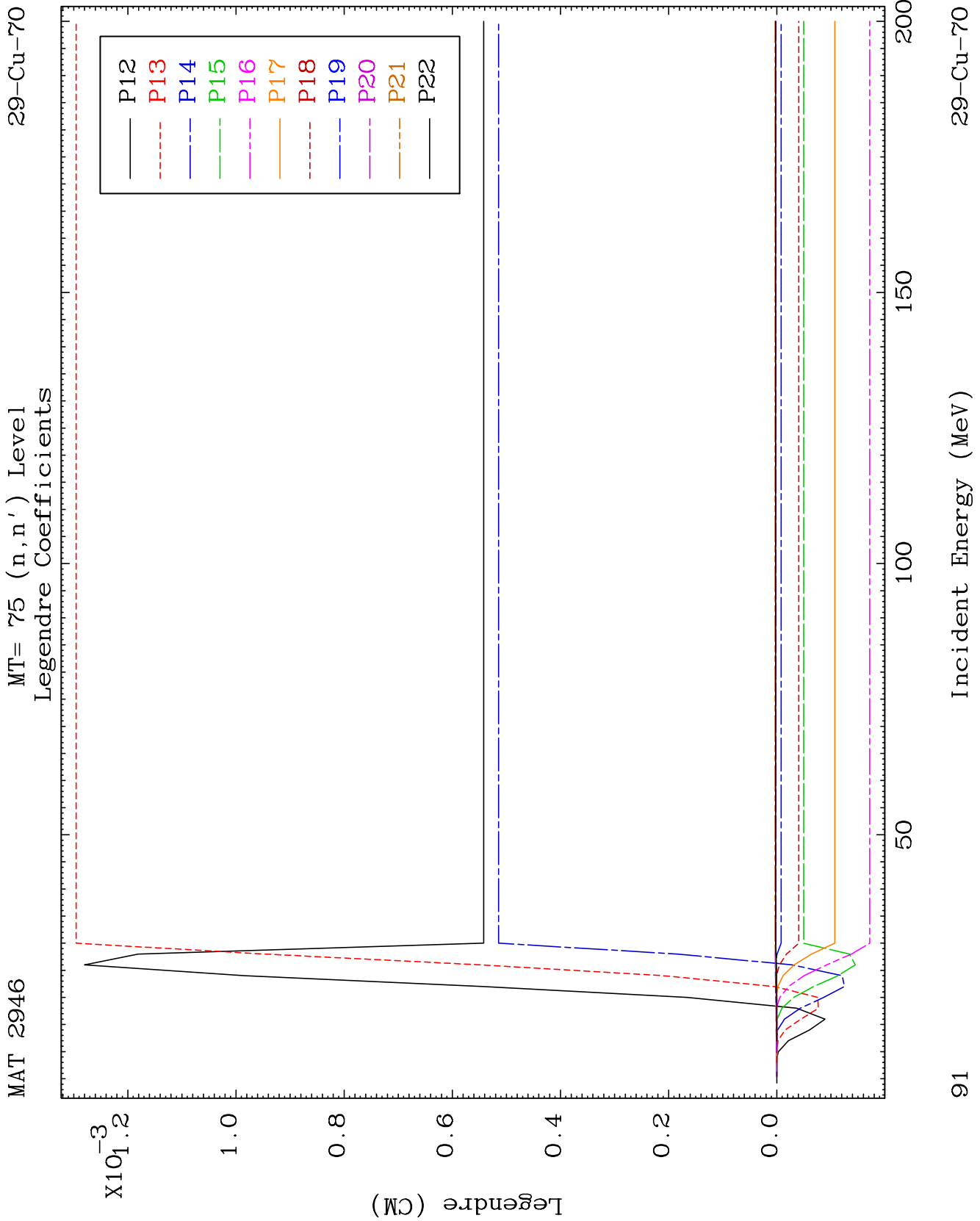
29-Cu-70



29-Cu-70

Incident Energy (MeV)

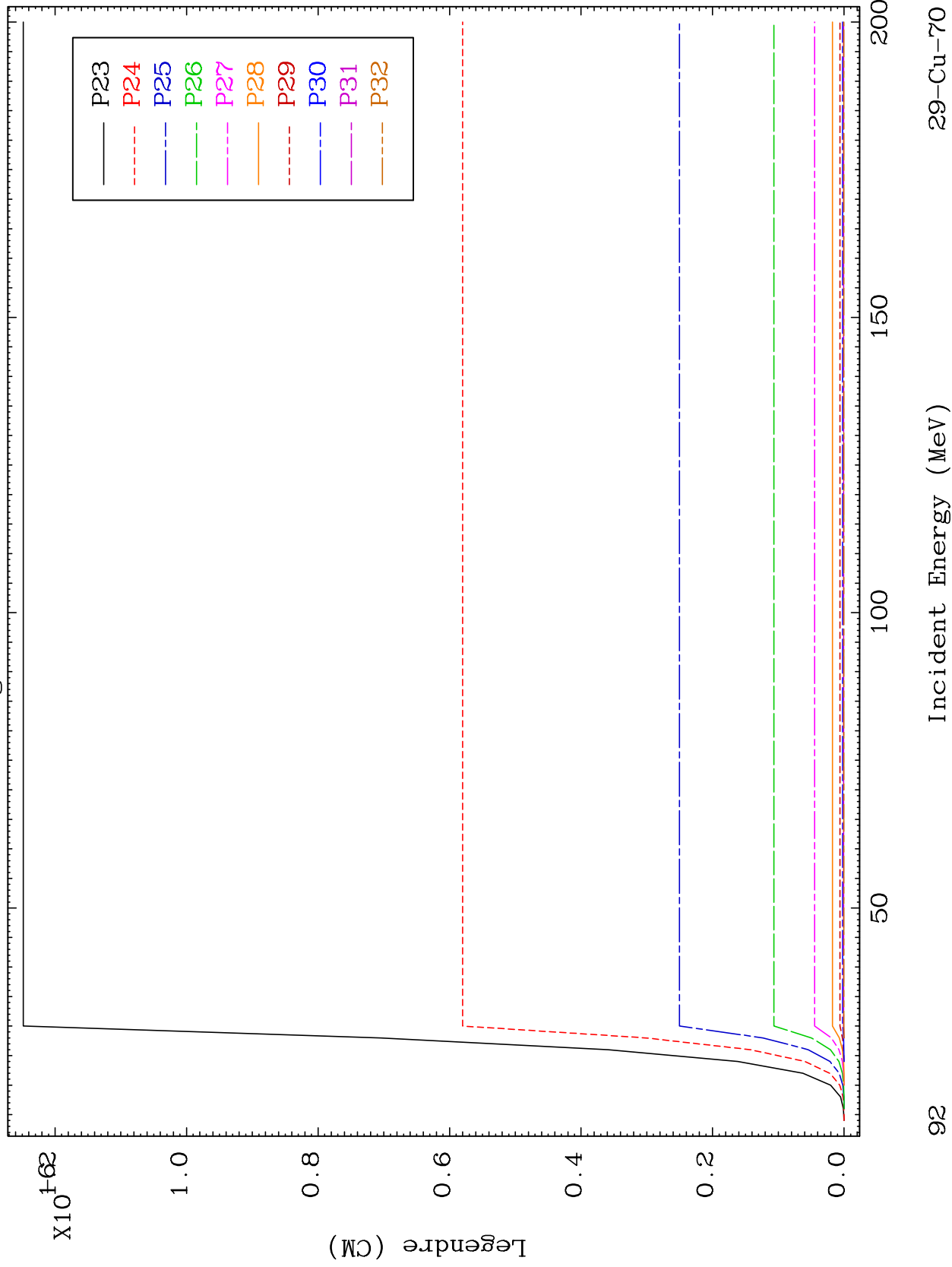
90



MAT 2946

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

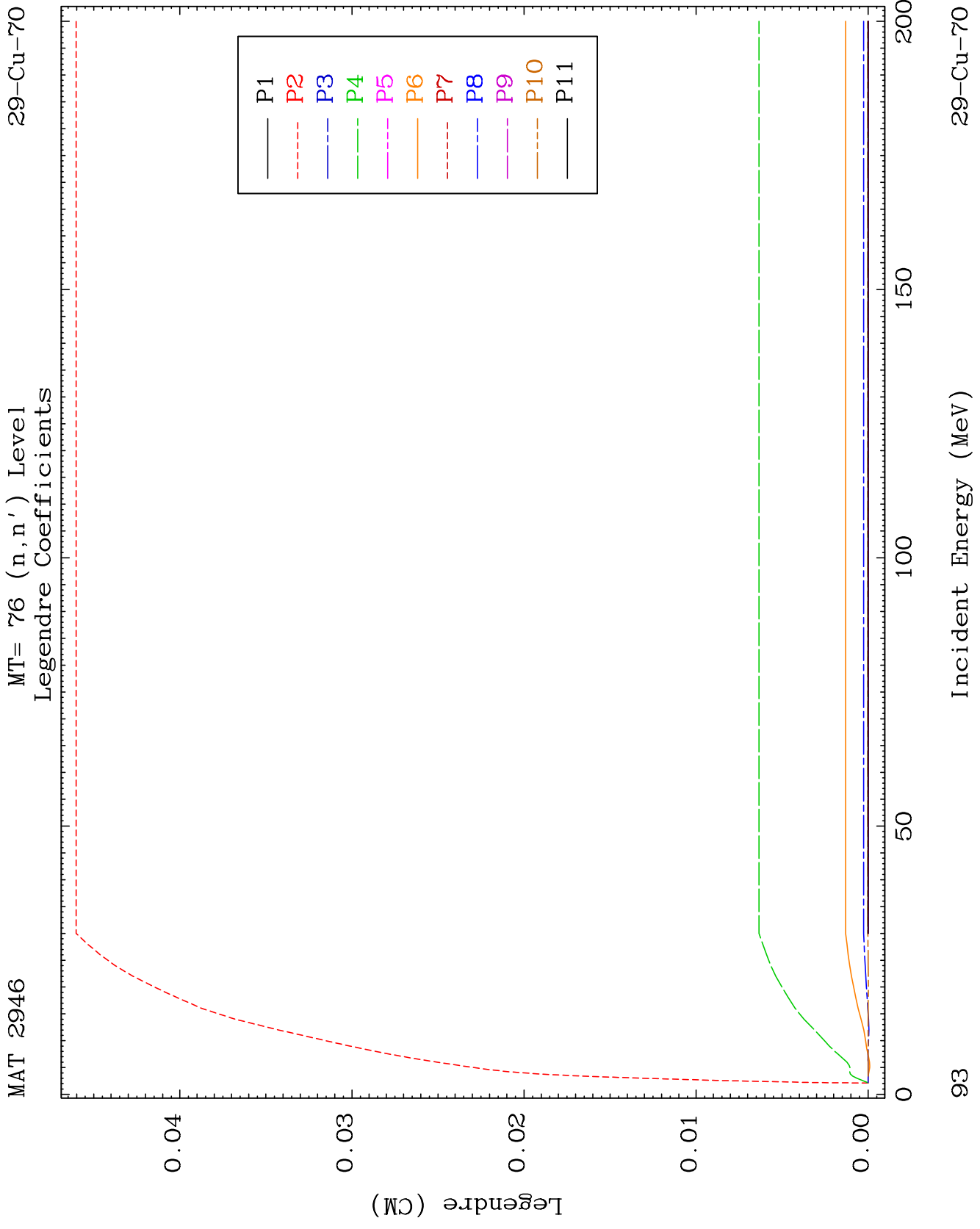
29-Cu-70

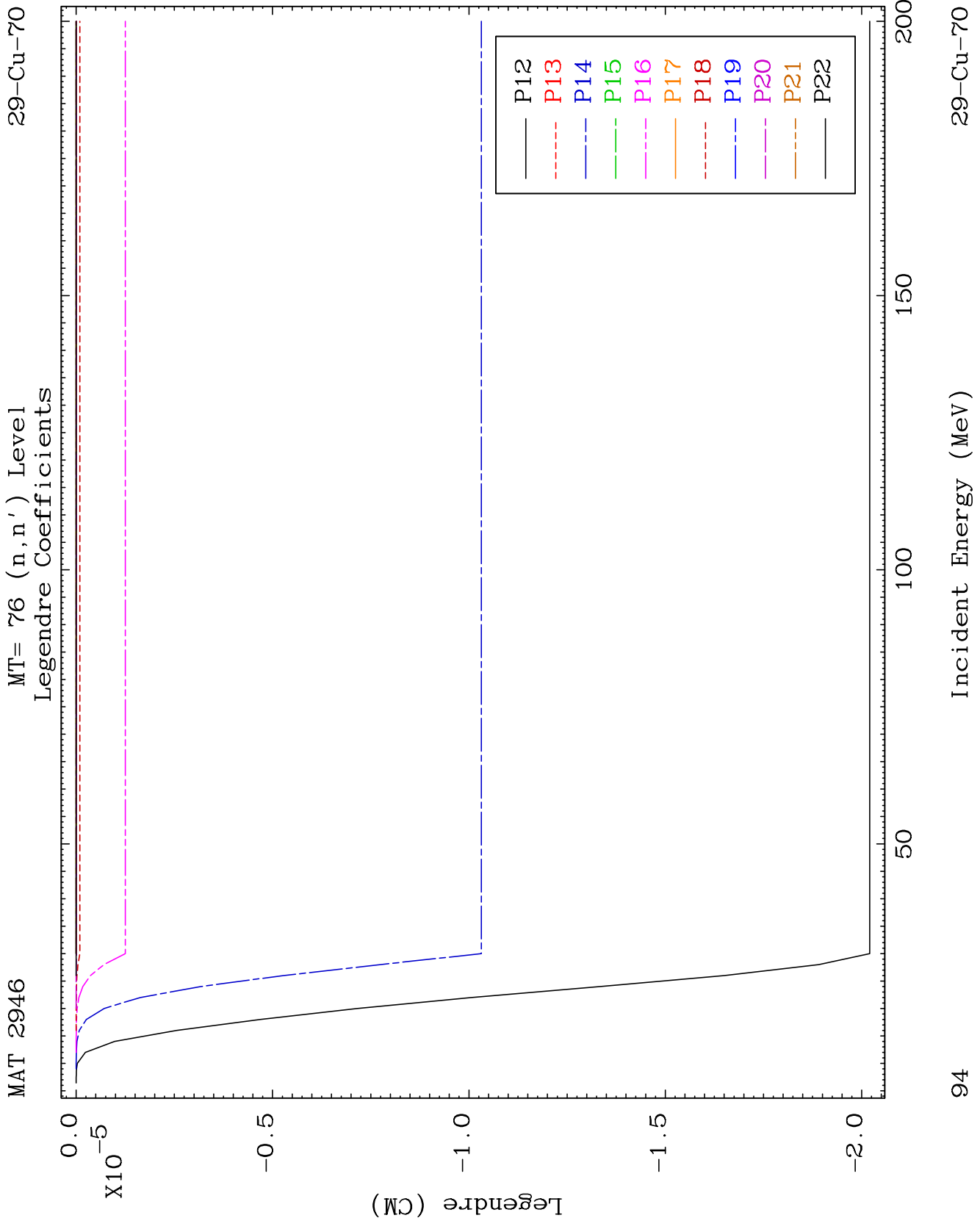


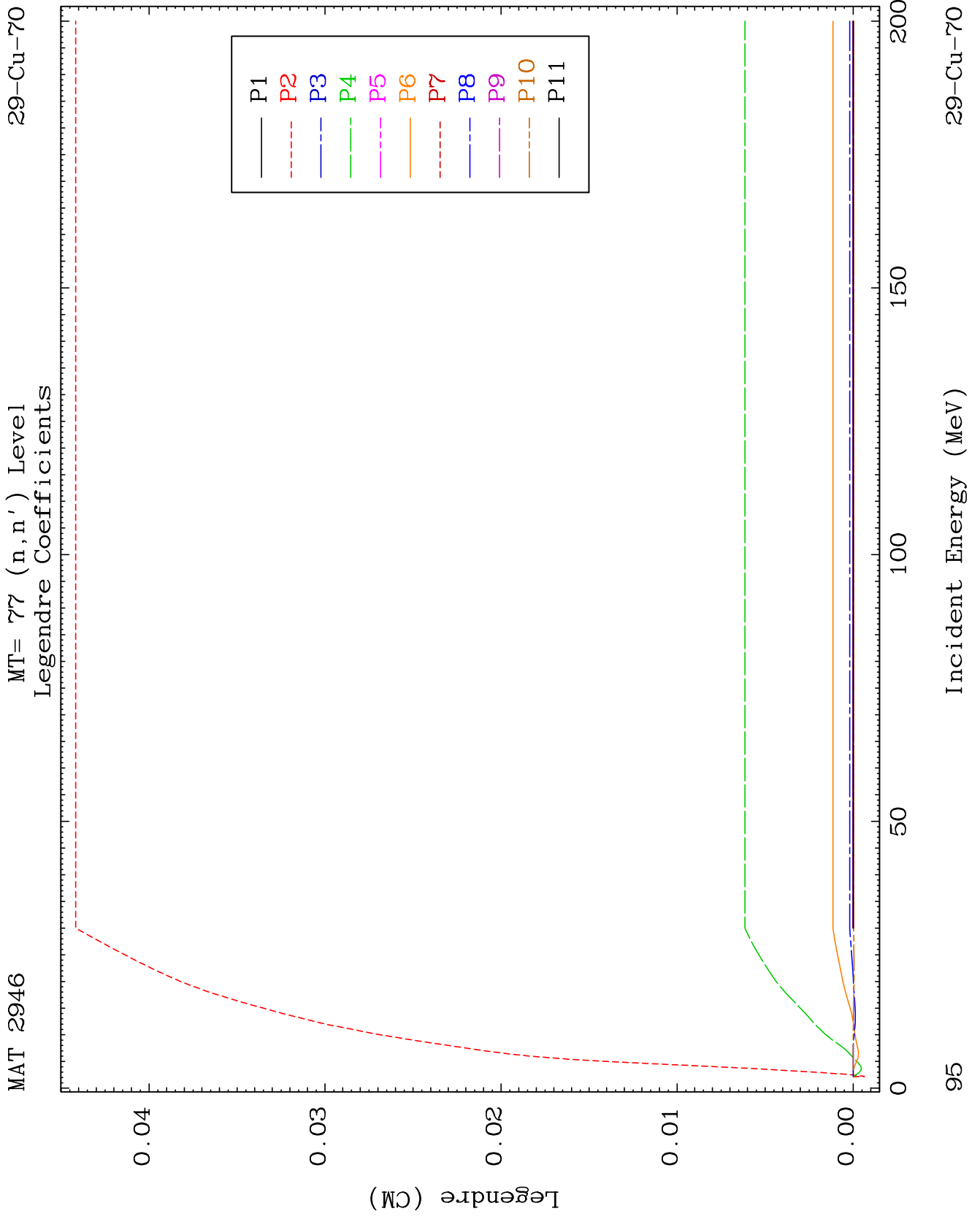
92

Incident Energy (MeV)

29-Cu-70



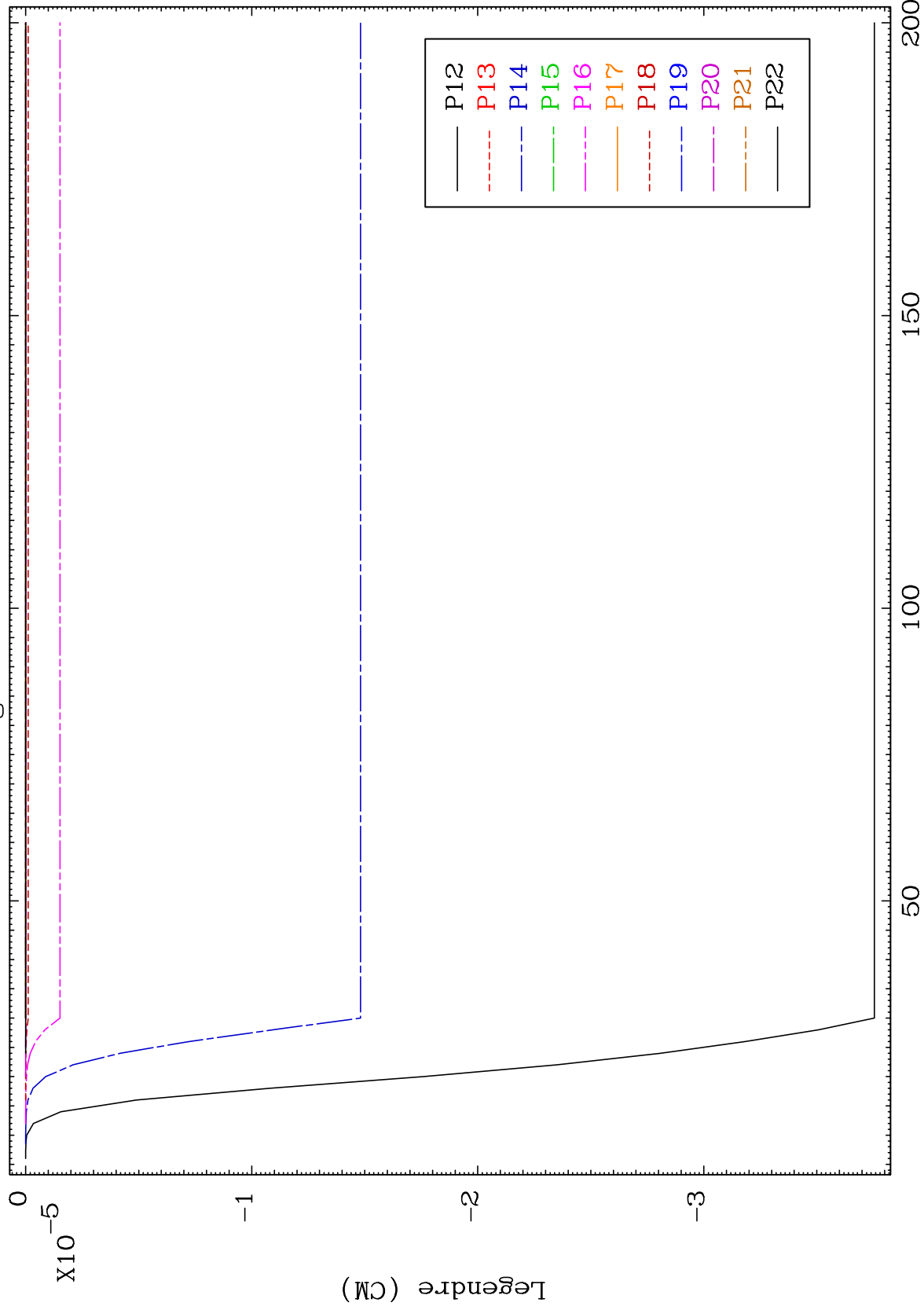




MAT 2946

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

29-Cu-70



96

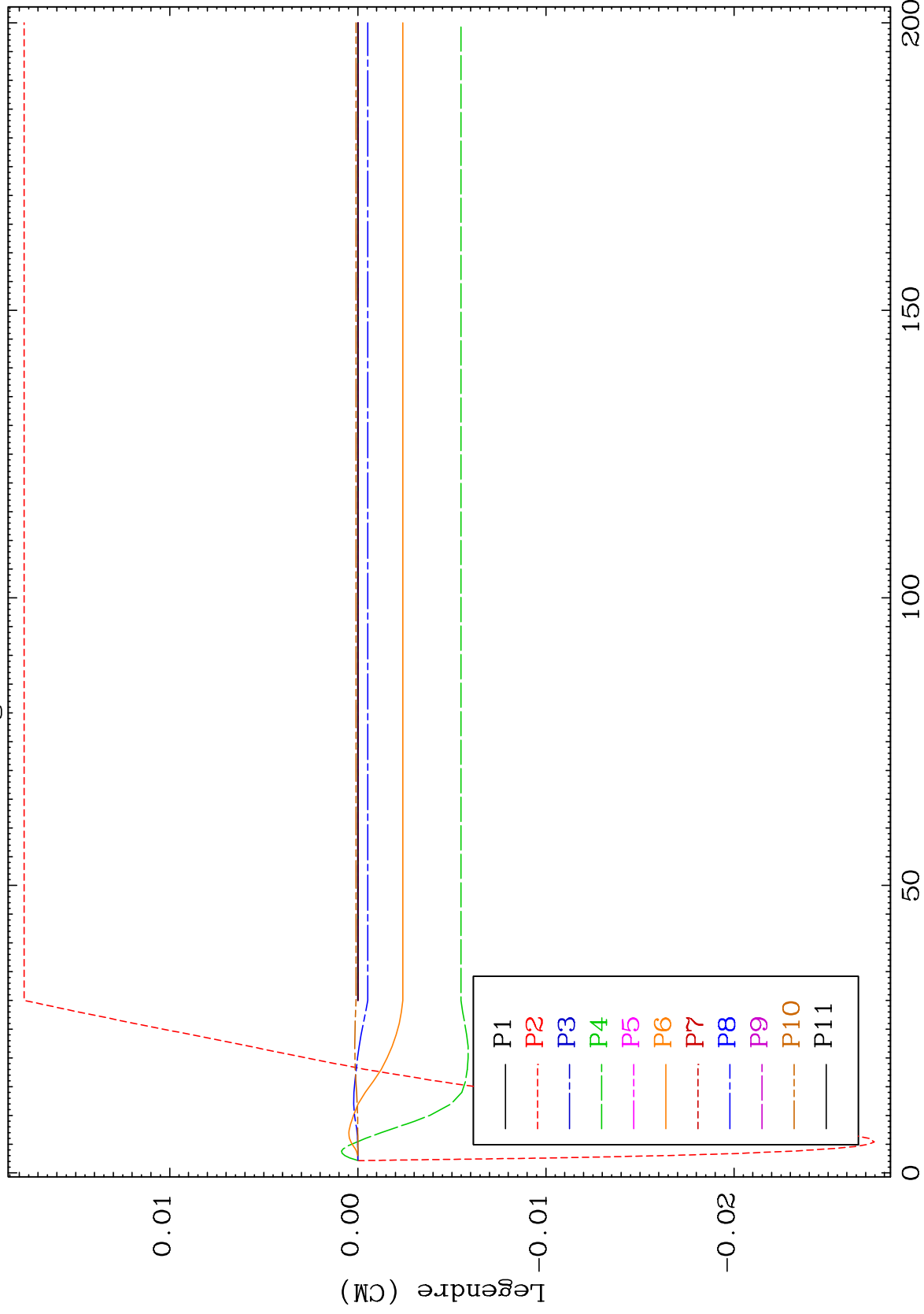
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

29-Cu-70



97

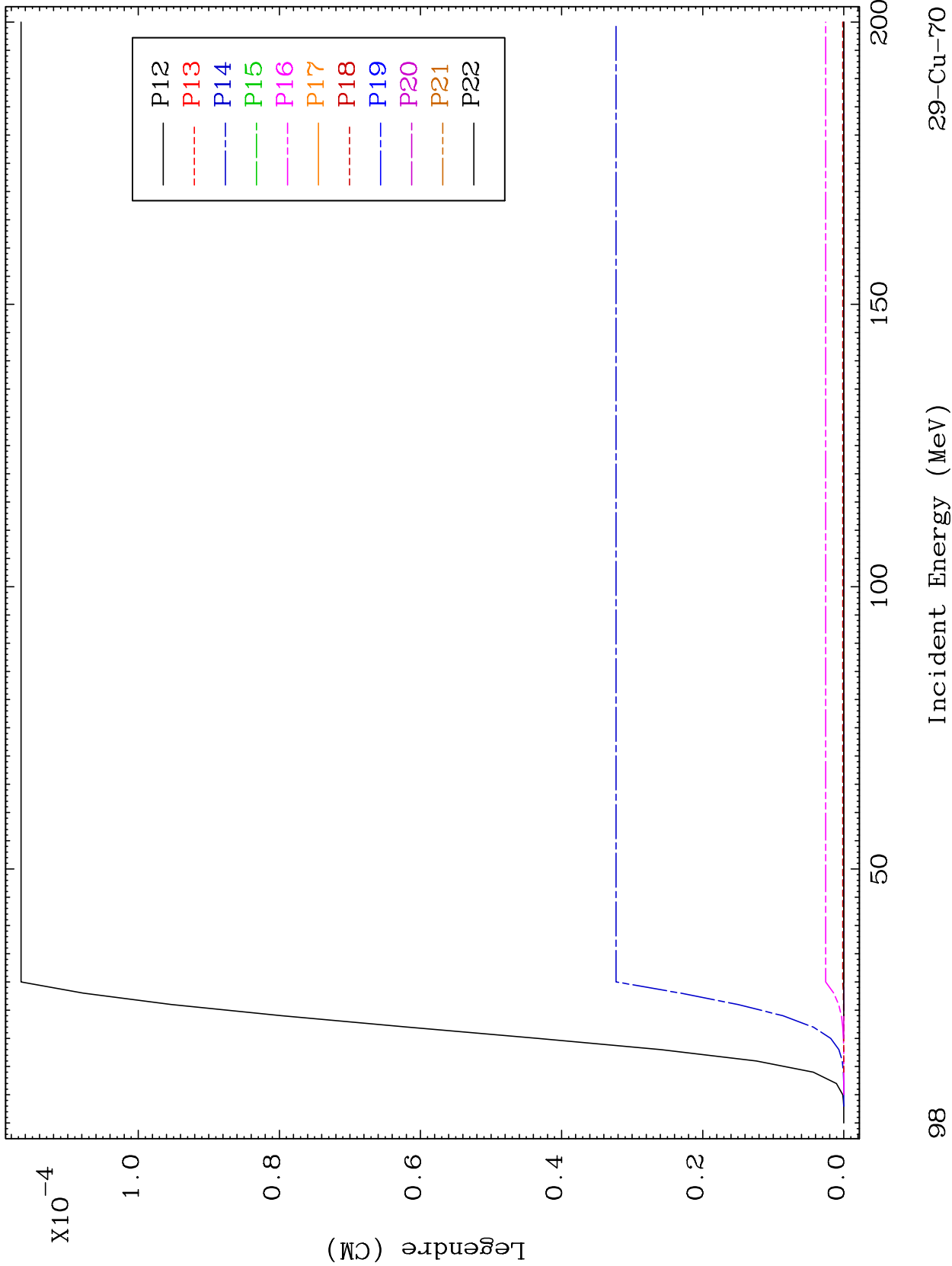
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

29-Cu-70



98

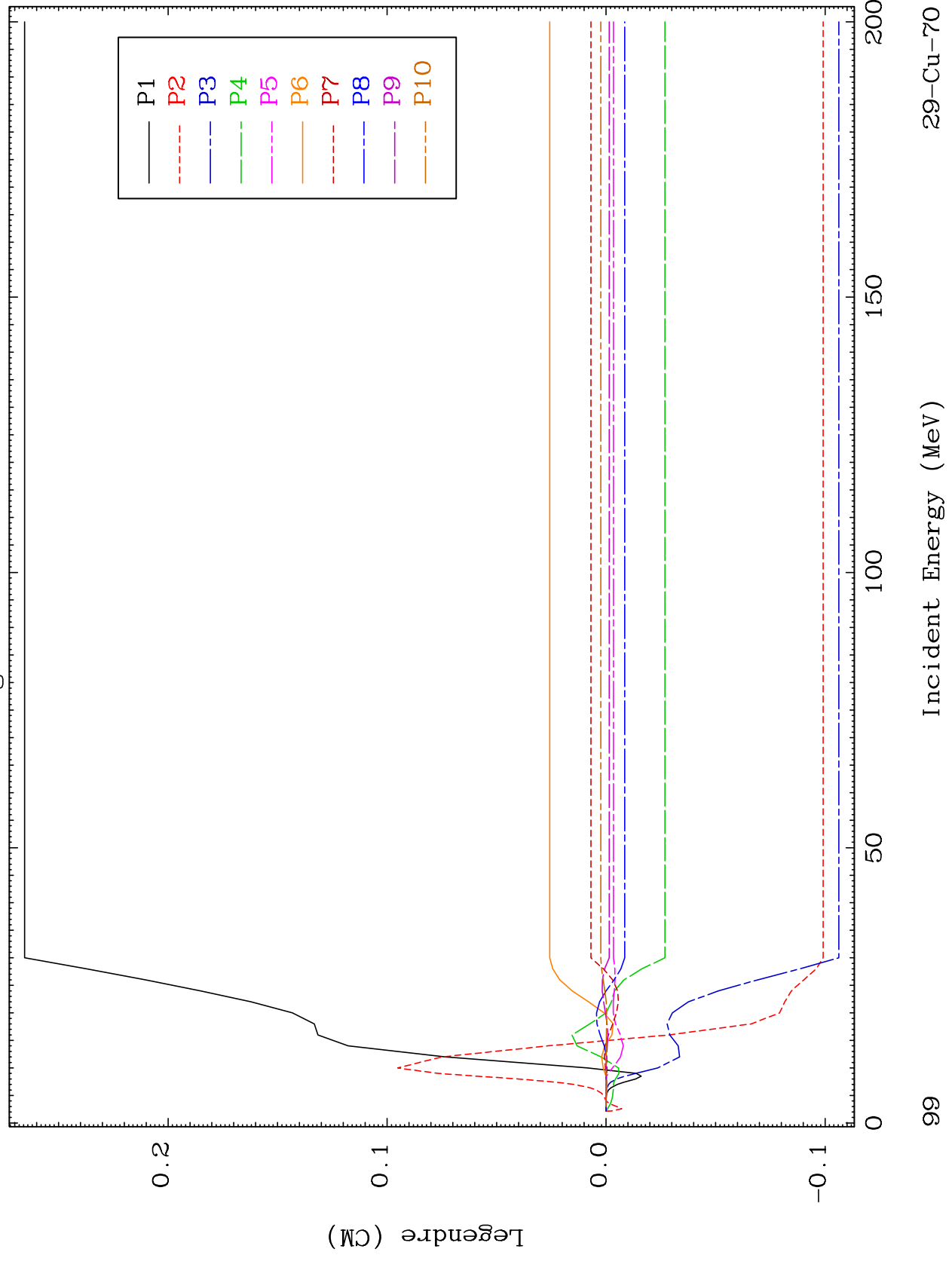
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

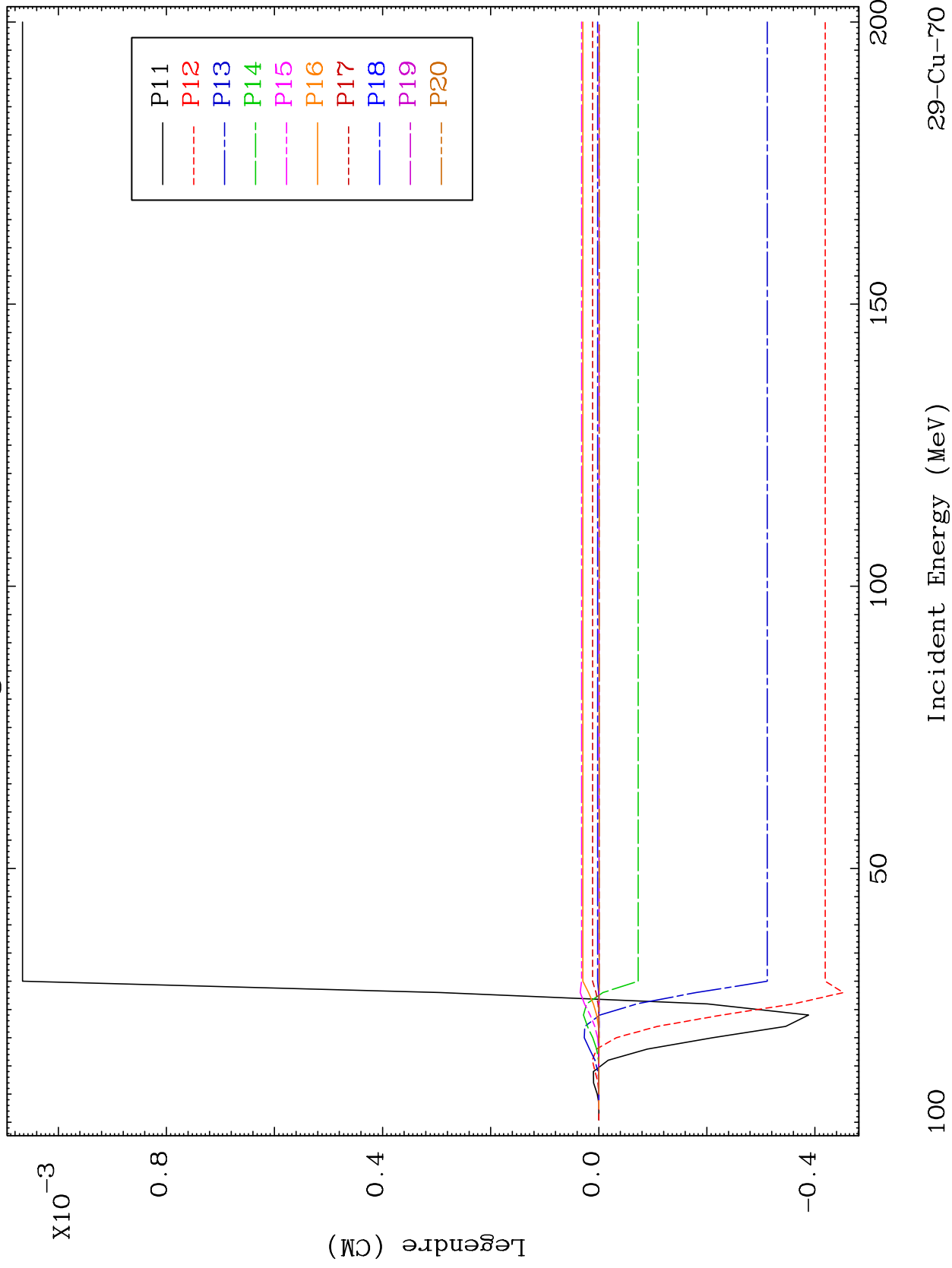
29-Cu-70

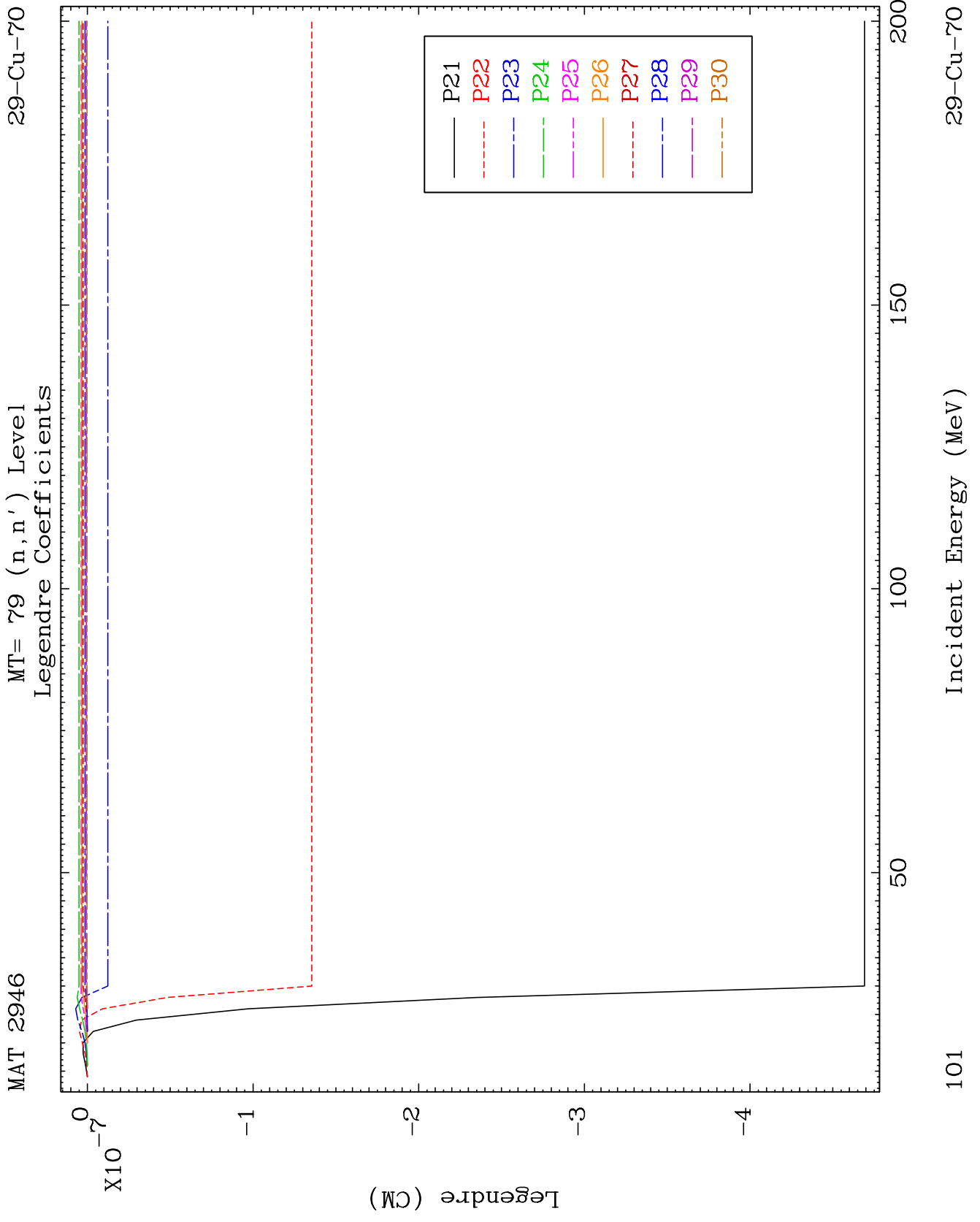


MAT 2946

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

29-Cu-70

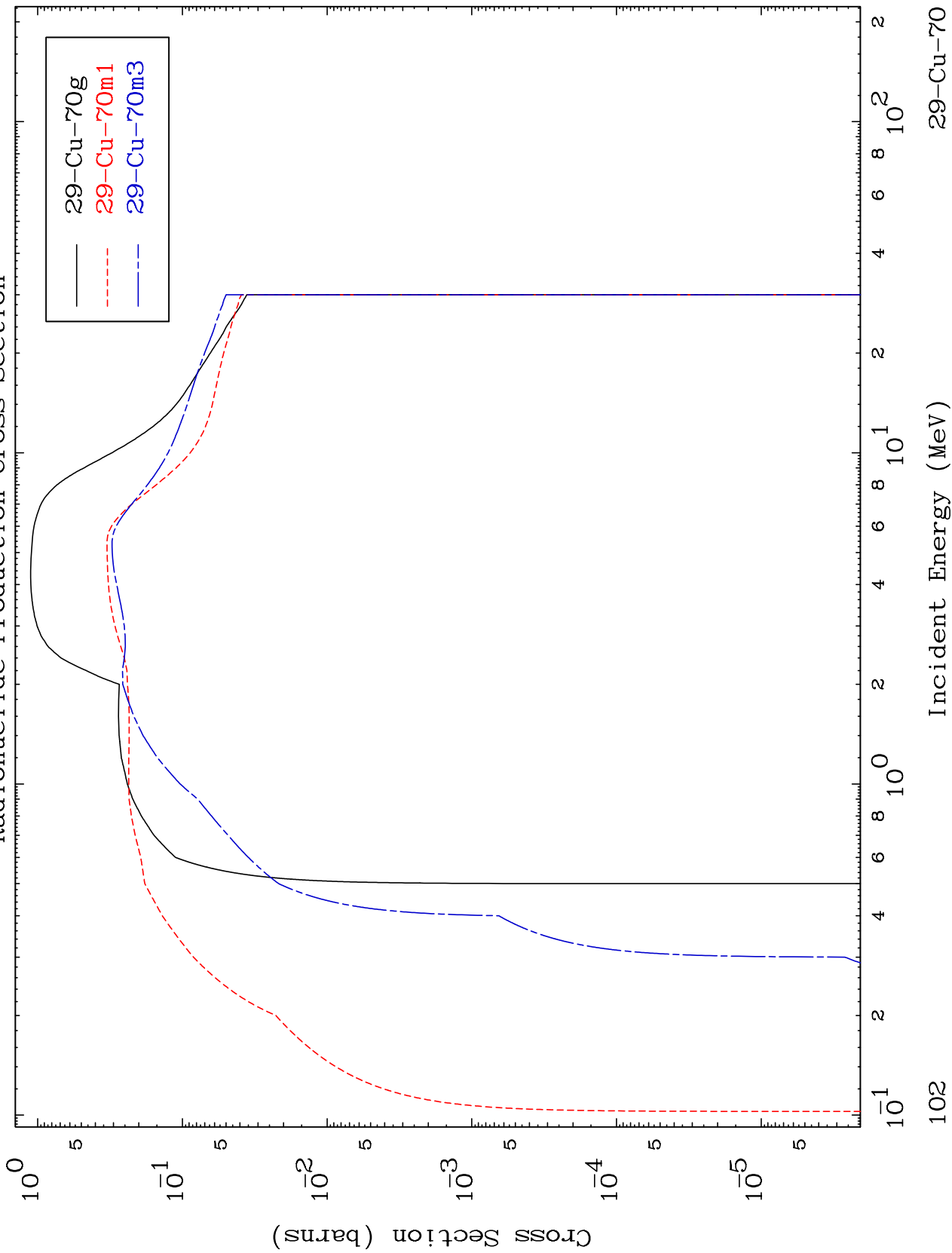




MAT 2946

29-Cu-70

Radionuclide Production Cross Section



29-Cu-70

Incident Energy (MeV)

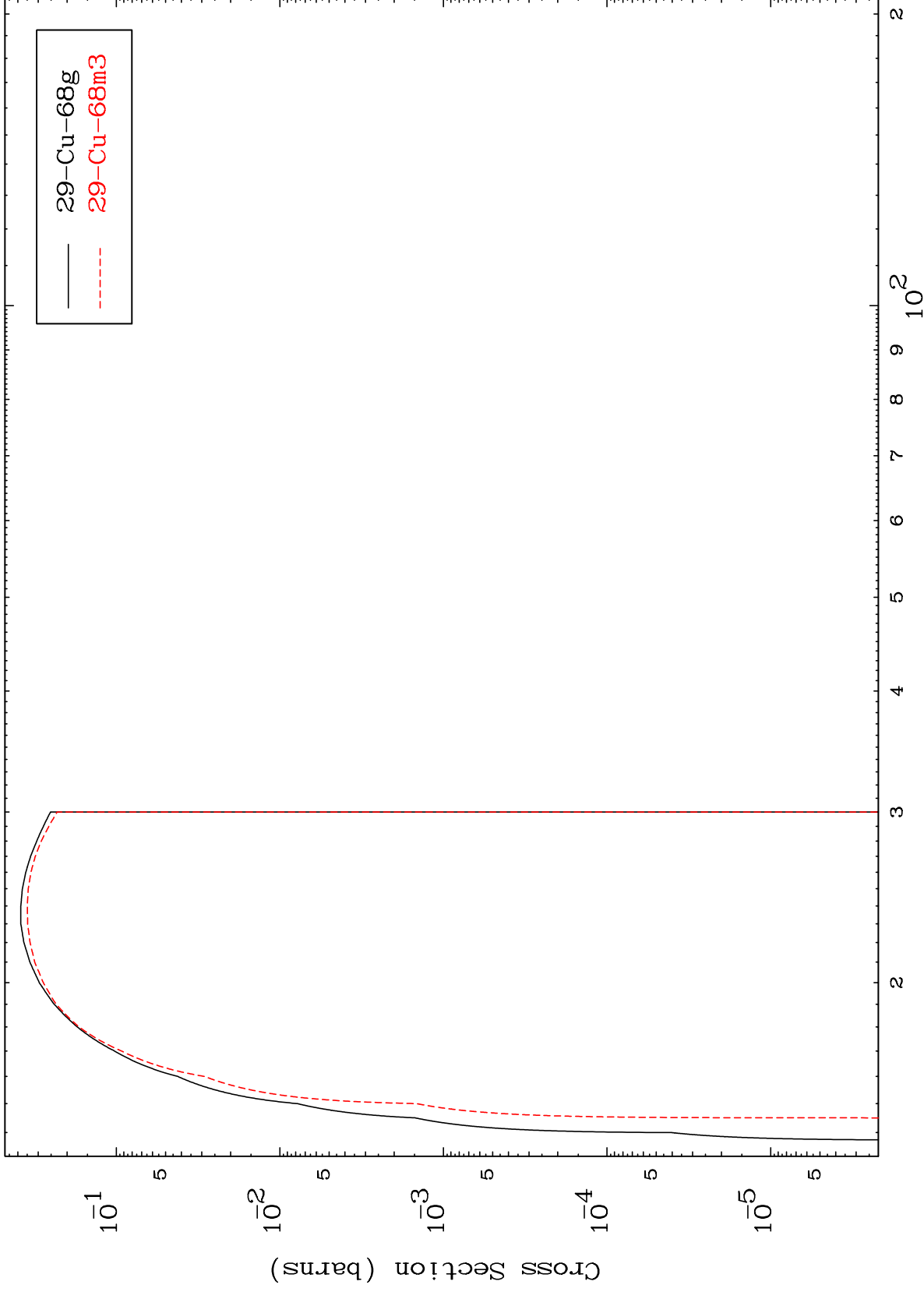
102

MAT 2946

(n,3n)

²⁹Cu-70

Radionuclide Production Cross Section



103

Incident Energy (MeV)

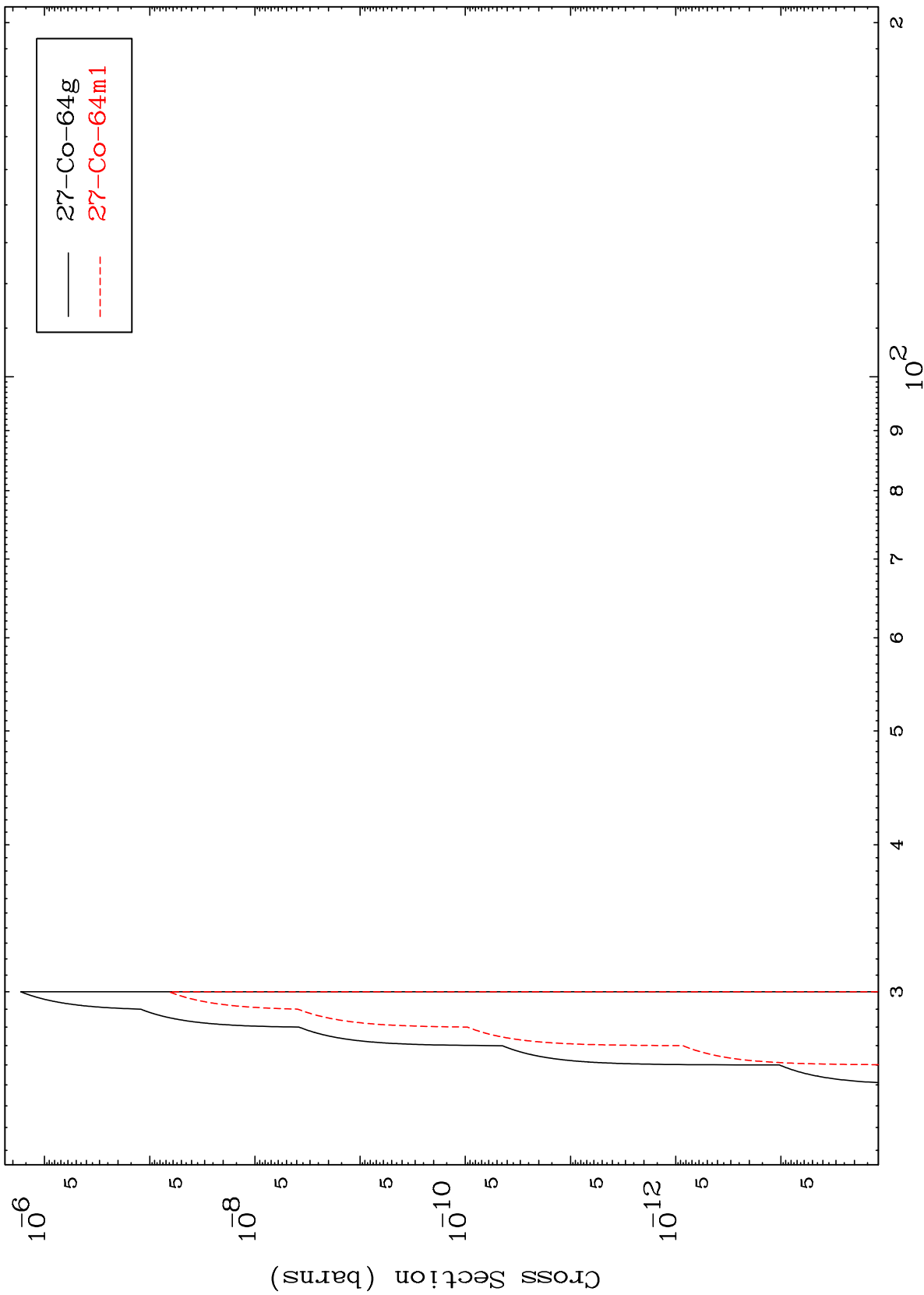
²⁹Cu-70

MAT 2946

$(n,3n) \alpha$

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

Radionuclide Production Cross Section



104

Incident Energy (MeV)

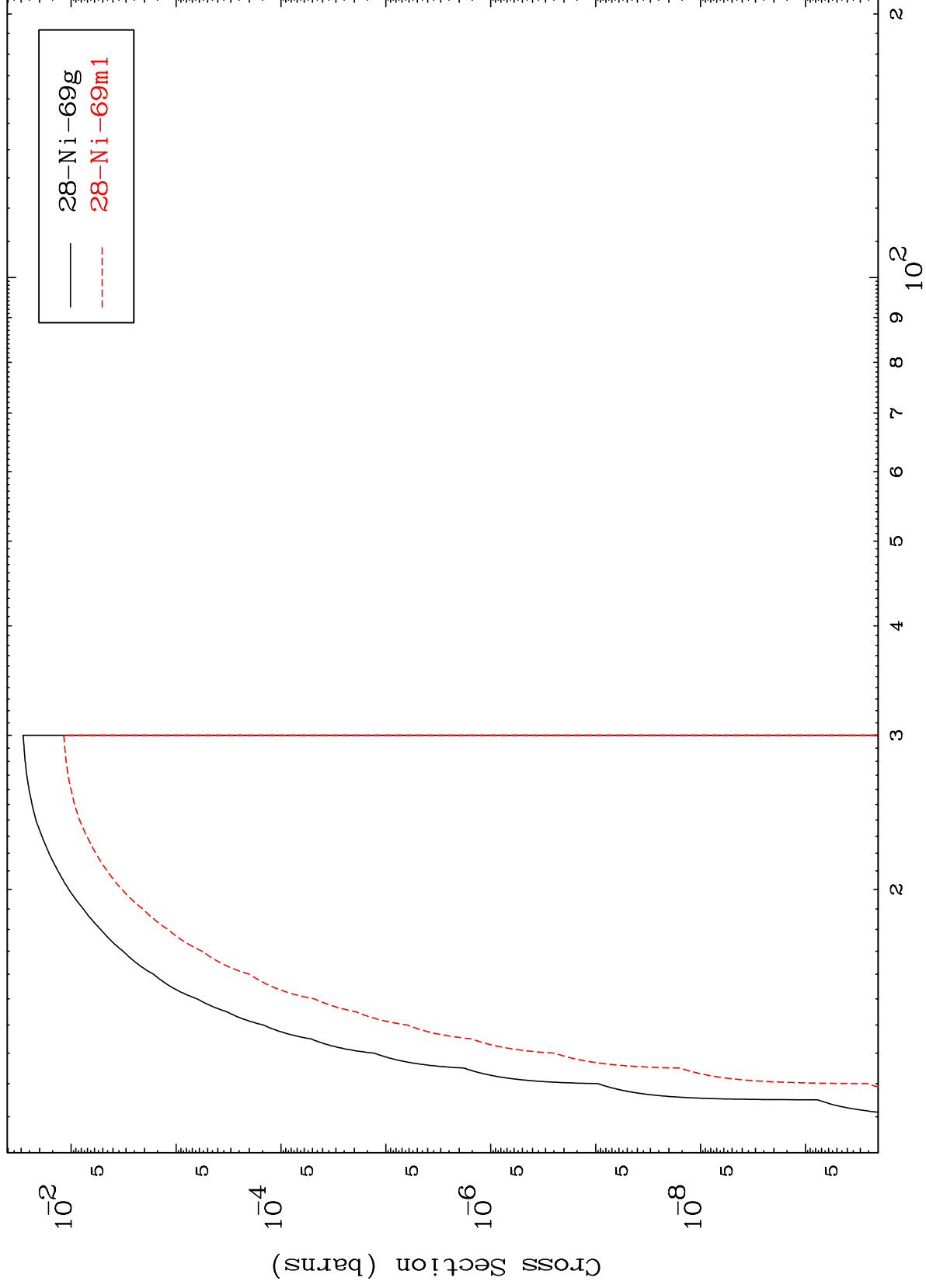
$^{29}\text{Cu-70}$

MAT 2946

(n,n') p

29-Cu-70

Radionuclide Production Cross Section



105

Incident Energy (MeV)

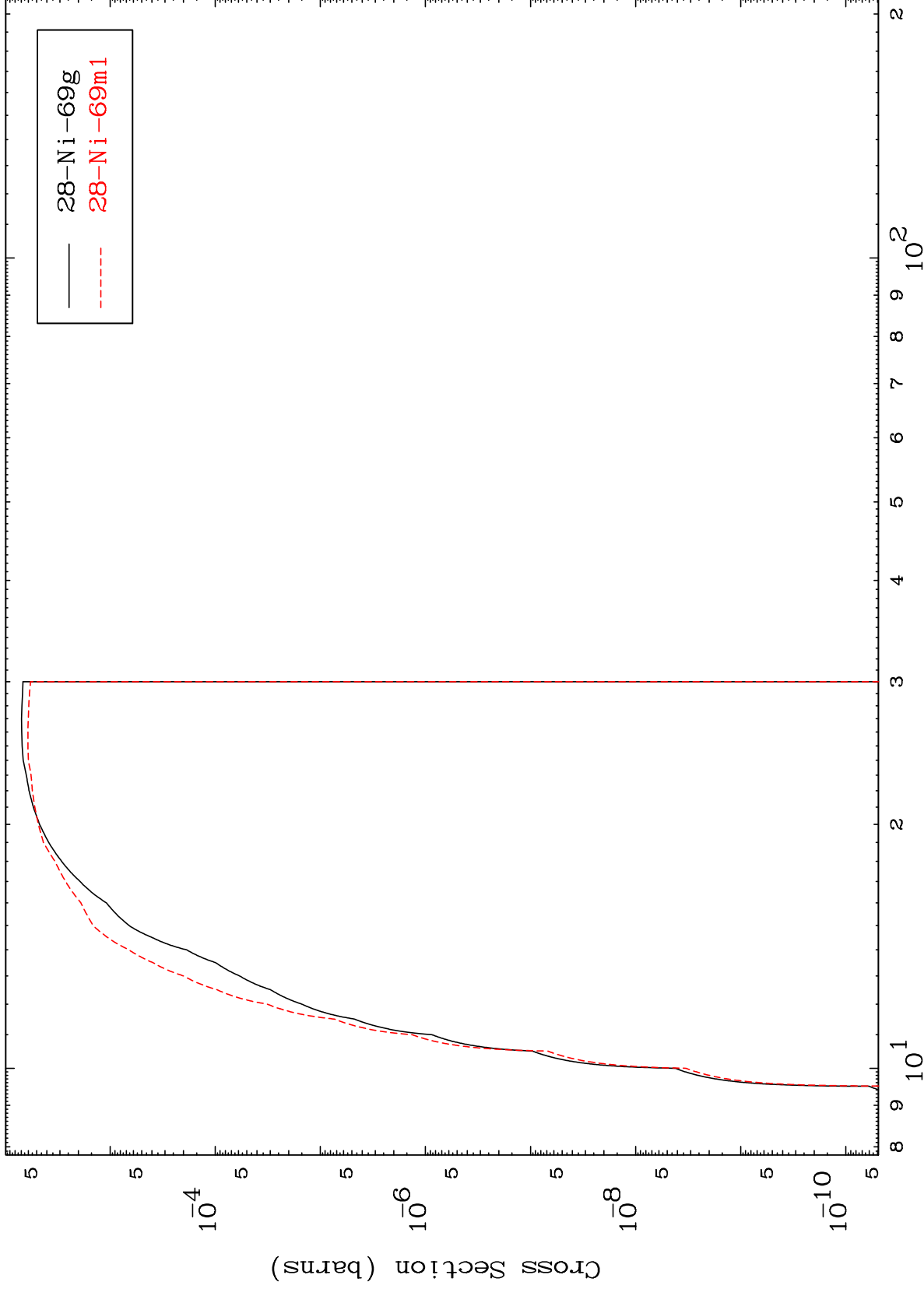
29-Cu-70

MAT 2946

(n,d)

29-Cu-70

Radionuclide Production Cross Section



106

Incident Energy (MeV)

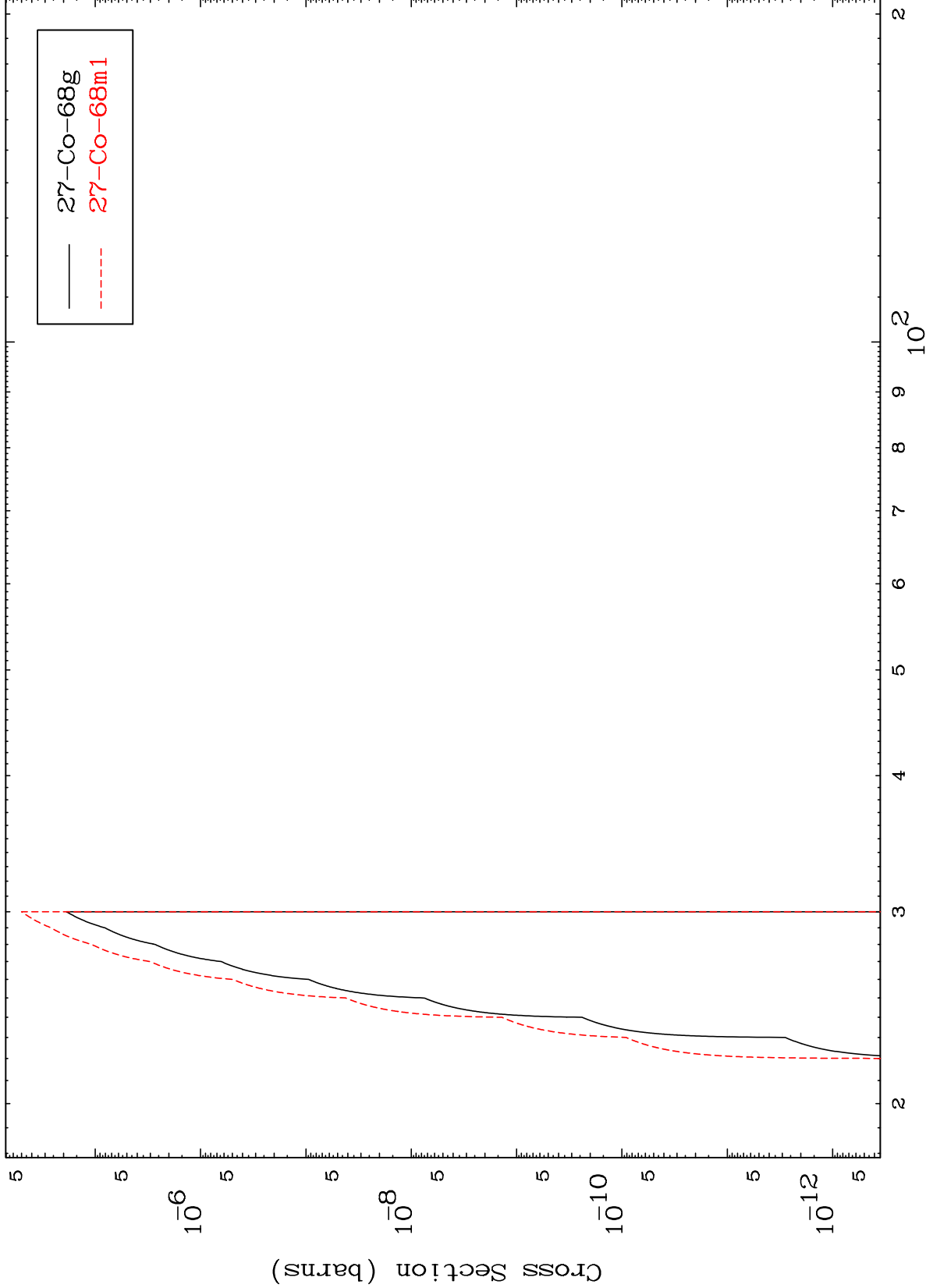
29-Cu-70

MAT 2946

(n,He-3)

29-Cu-70

Radionuclide Production Cross Section



107

Incident Energy (MeV)

29-Cu-70