

Program EVALPLOT
(Version 2015-2)

by

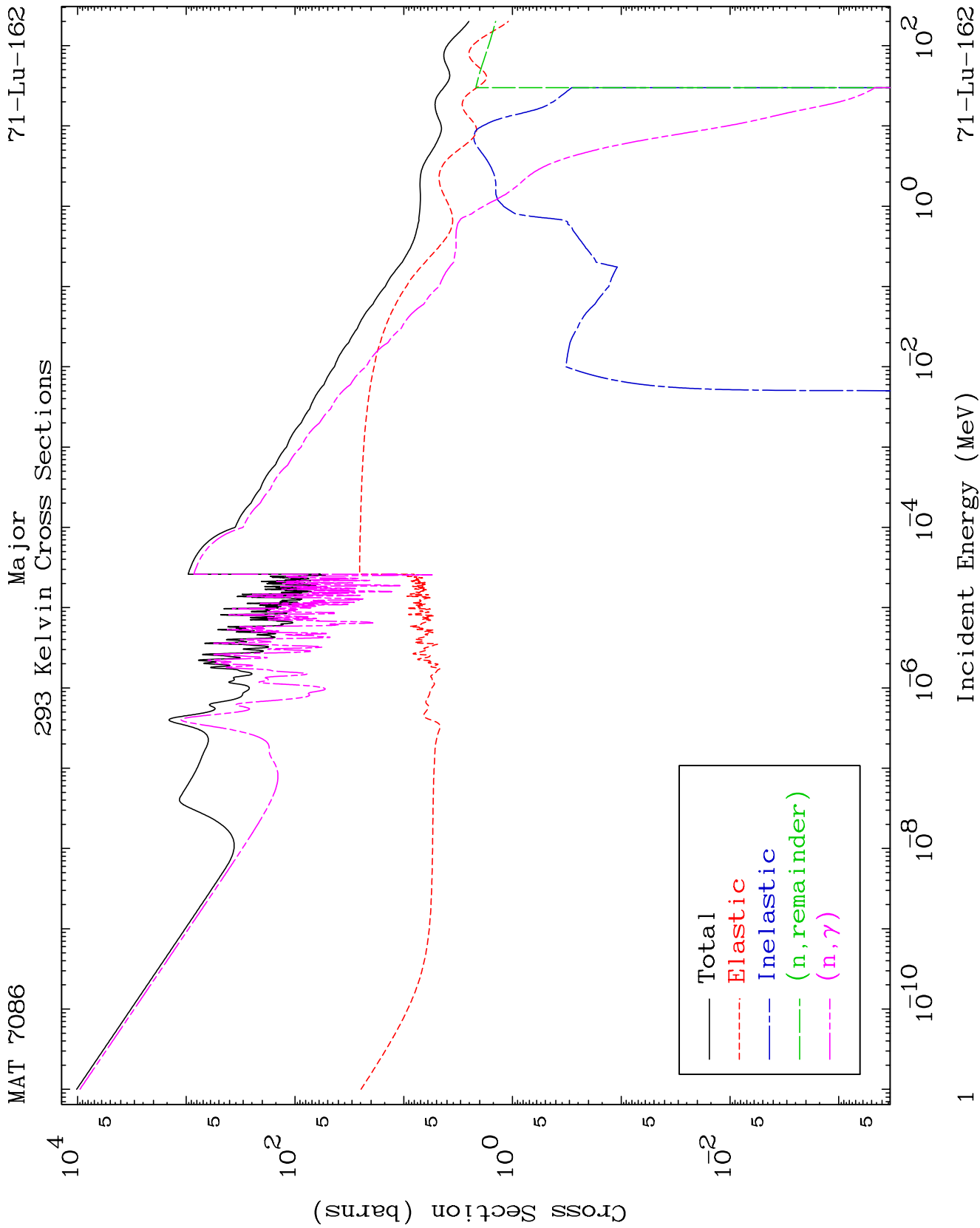
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start



MAT 7086

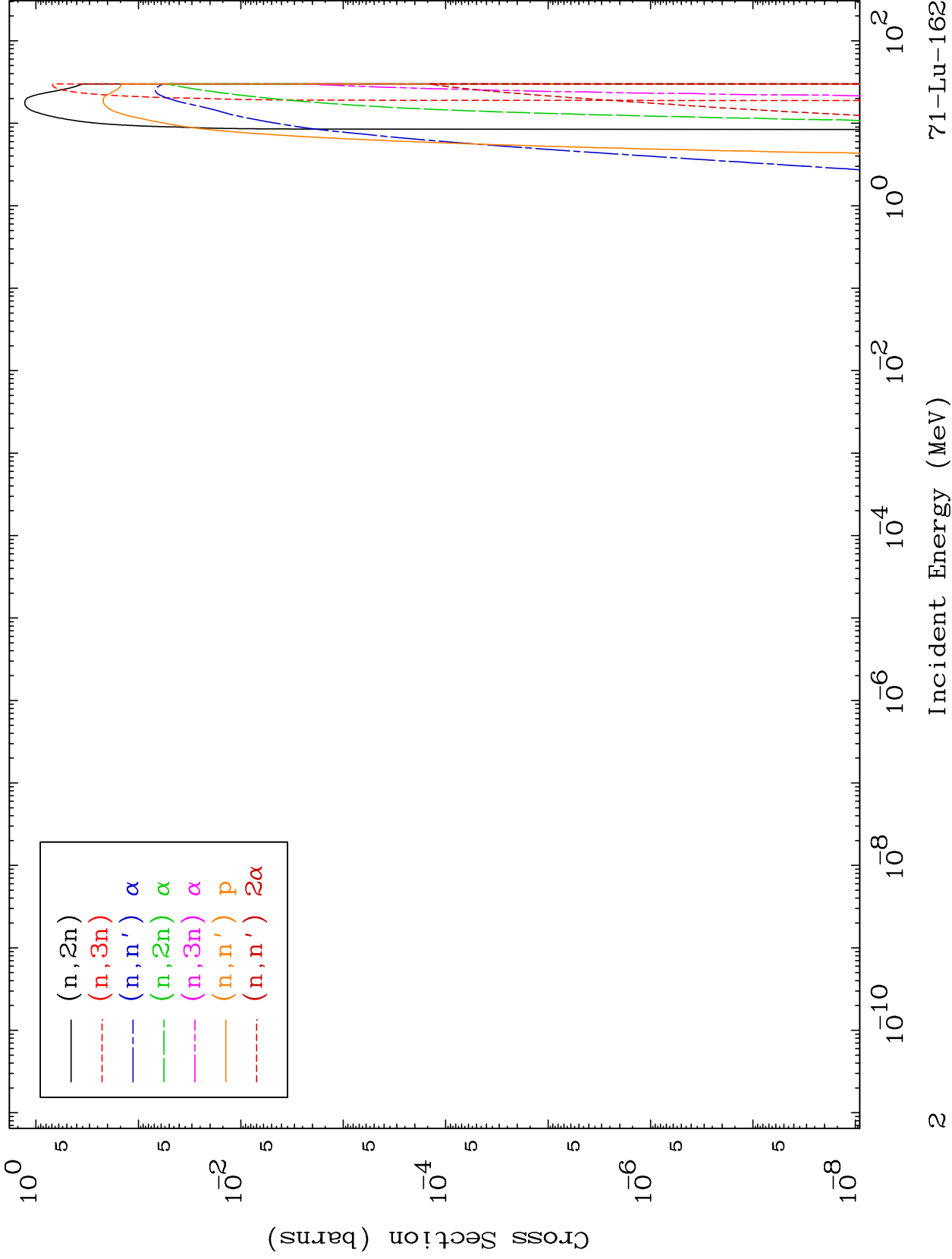
Major

71-Lu-162

MAT 7086

Neutron Production
293 Kelvin Cross Sections

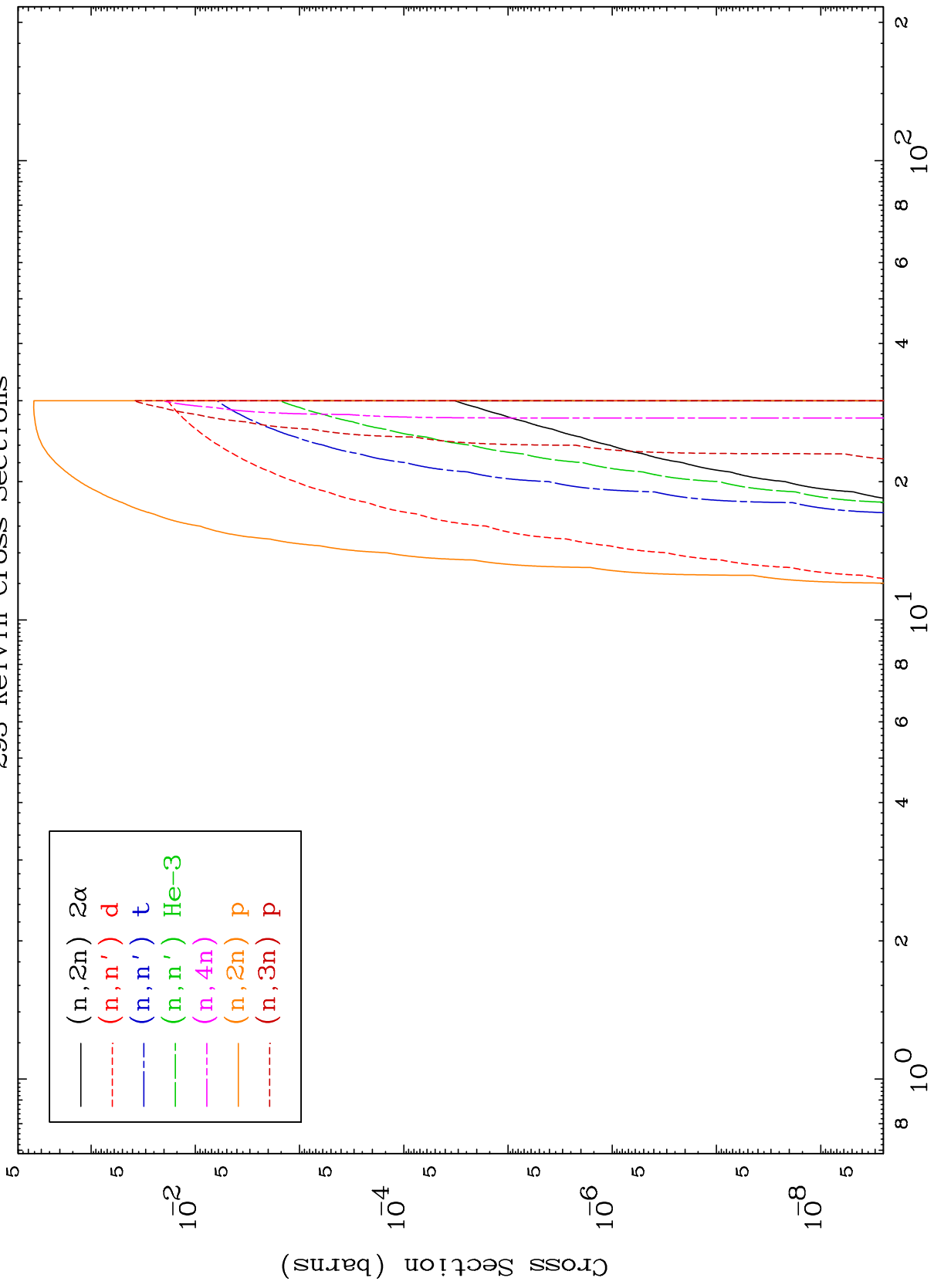
71-Lu-162



MAT 7086

Neutron Production
293 Kelvin Cross Sections

71-Lu-162



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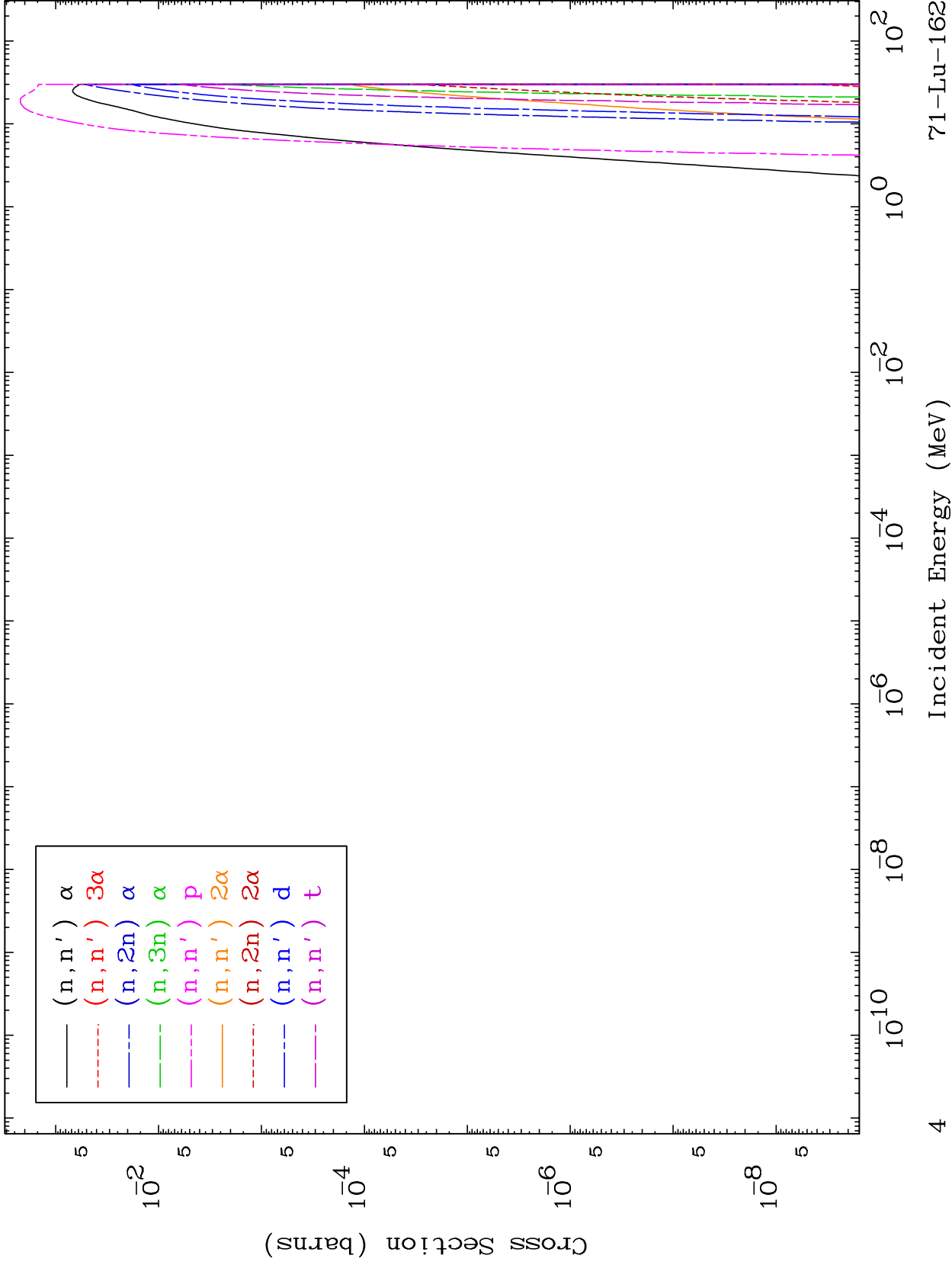
Incident Energy (MeV)

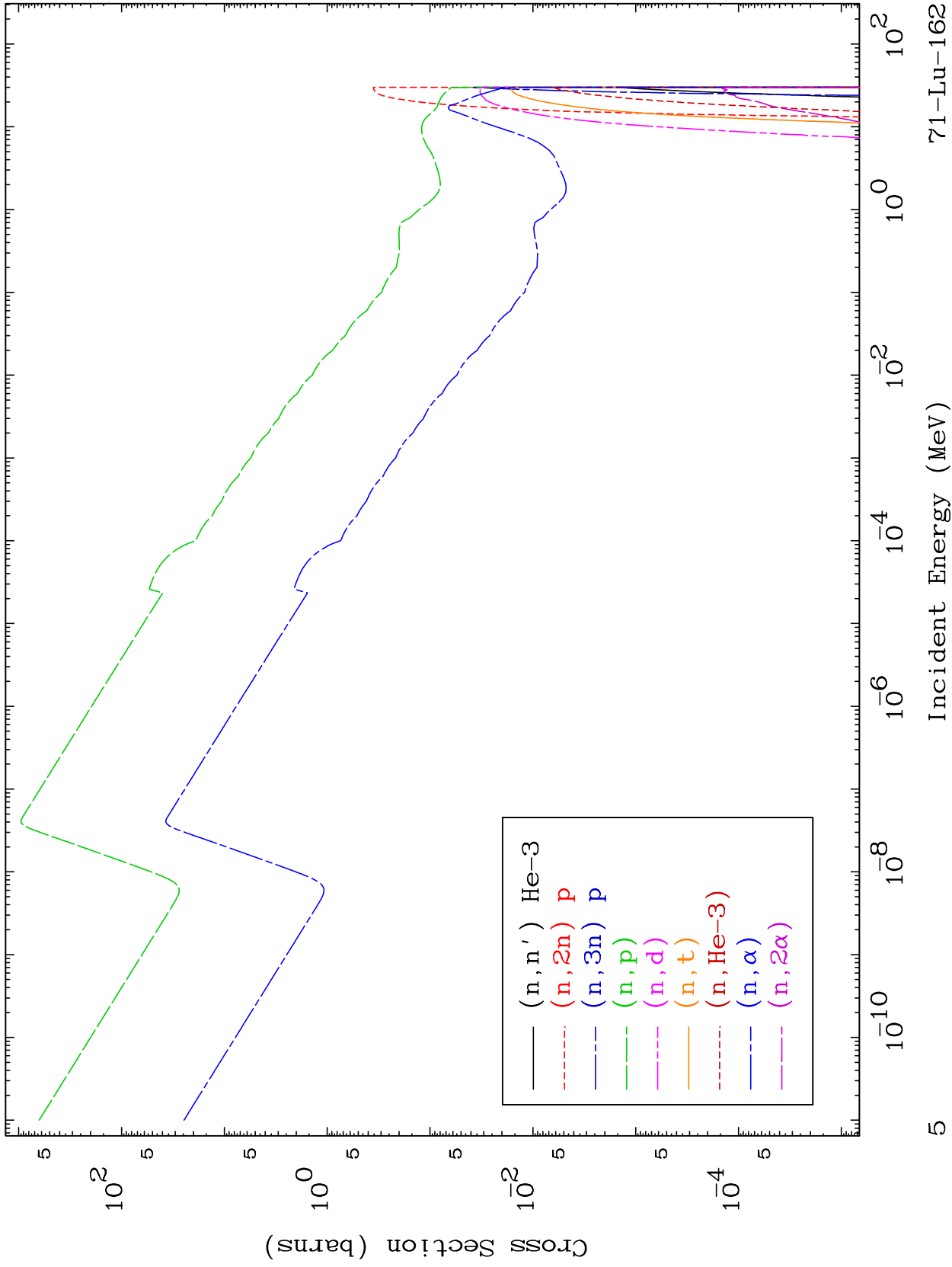
71-Lu-162

MAT 7086

Charged Particle
293 Kelvin Cross Sections

71-Lu-162

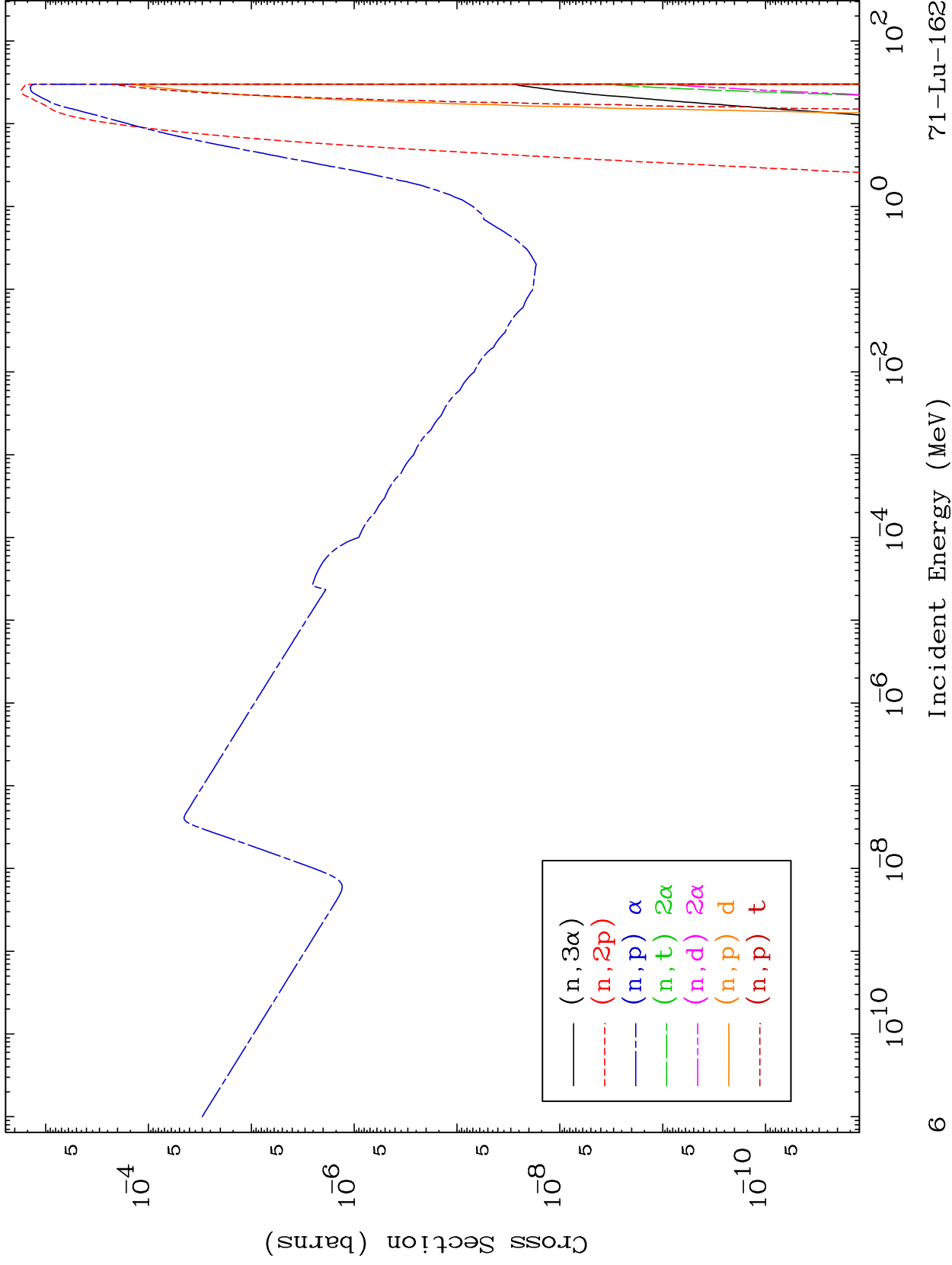


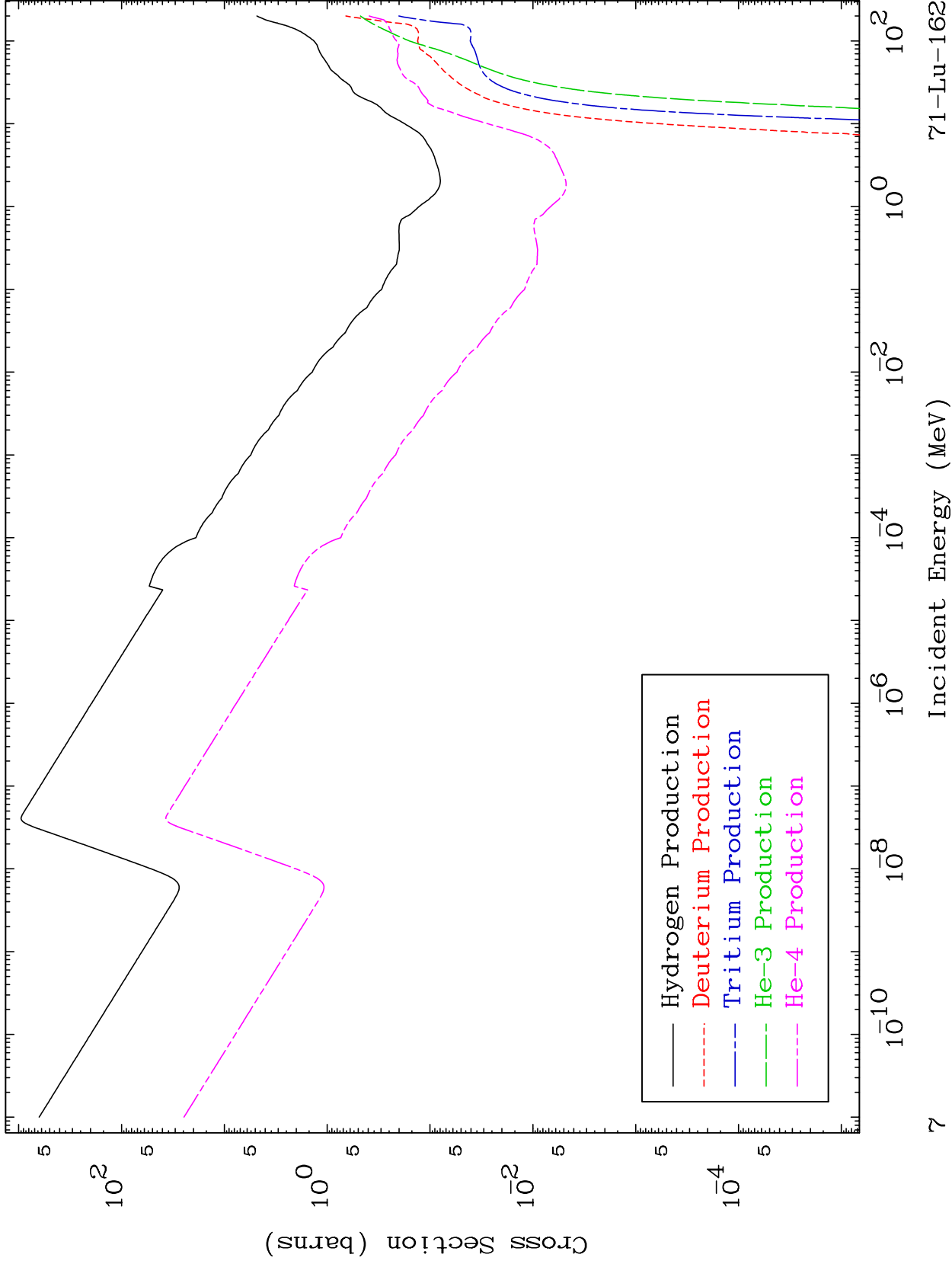


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Charged Particle
293 Kelvin Cross Sections

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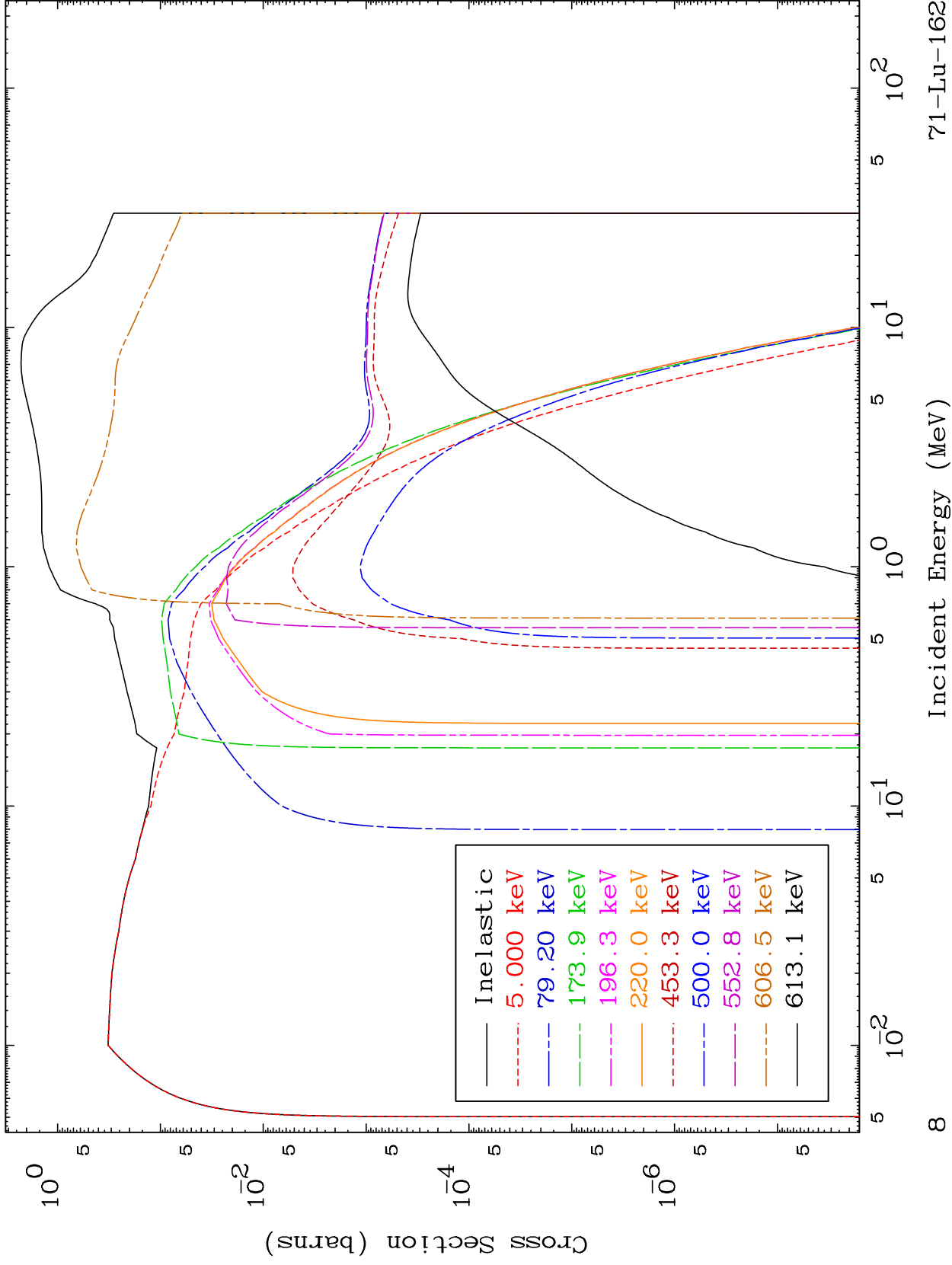




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(n,n') Level
293 Kelvin Cross Sections

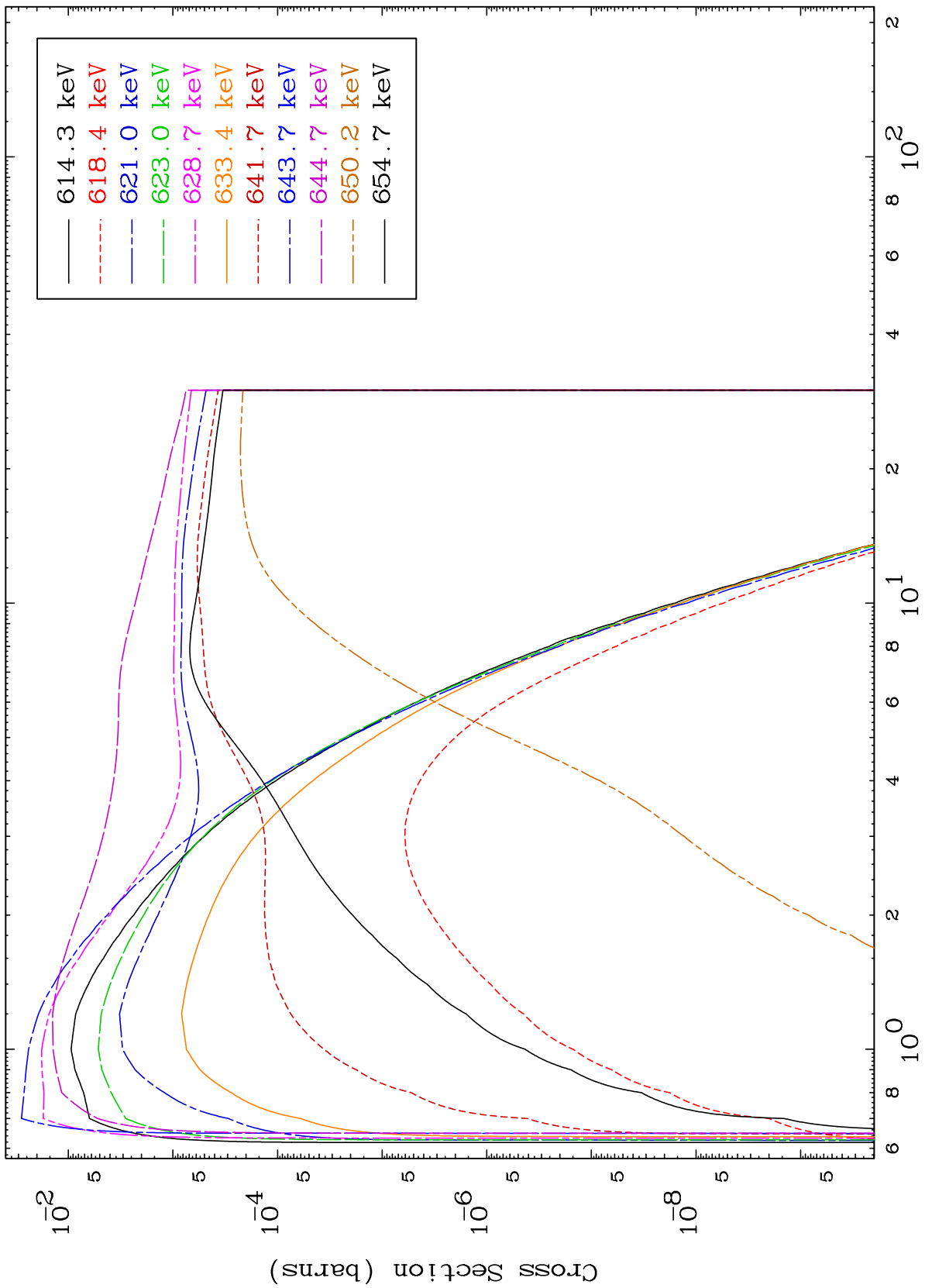
71-Lu-162



MAT 7086

(n,n') Level
293 Kelvin Cross Sections

71-Lu-162



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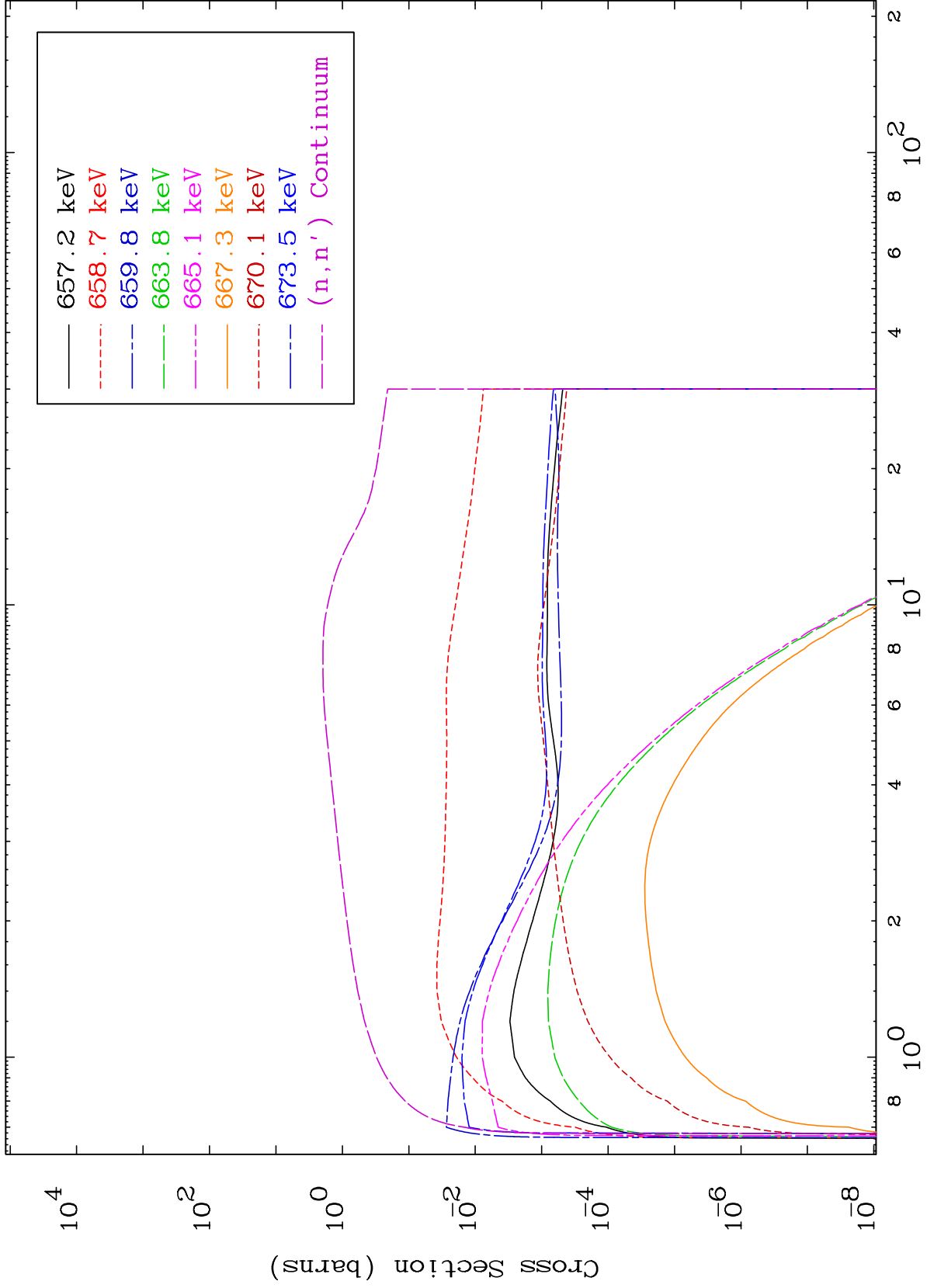
Incident Energy (MeV)

71-Lu-162

MAT 7086

(n,n') Level
293 Kelvin Cross Sections

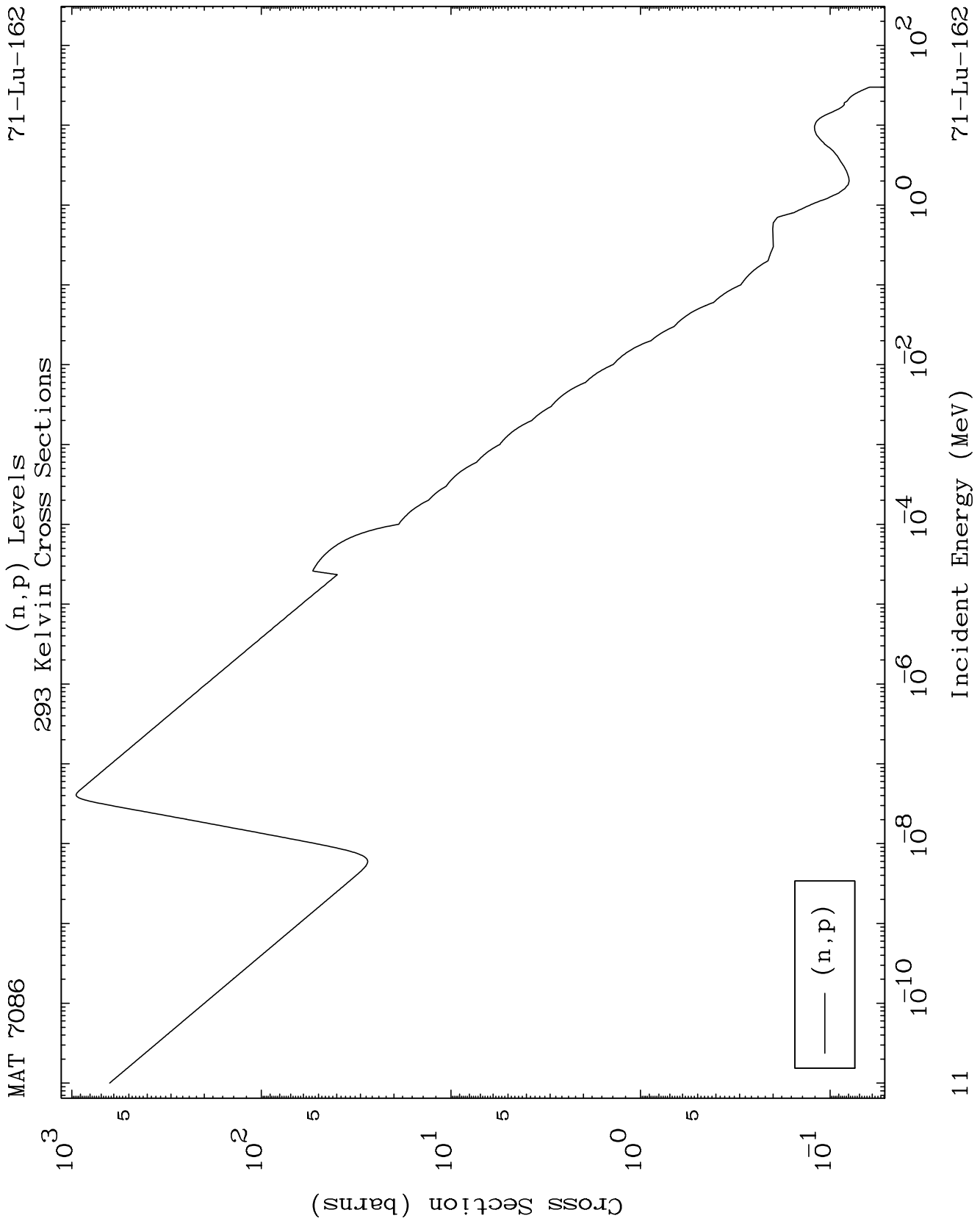
71-Lu-162



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Incident Energy (MeV)

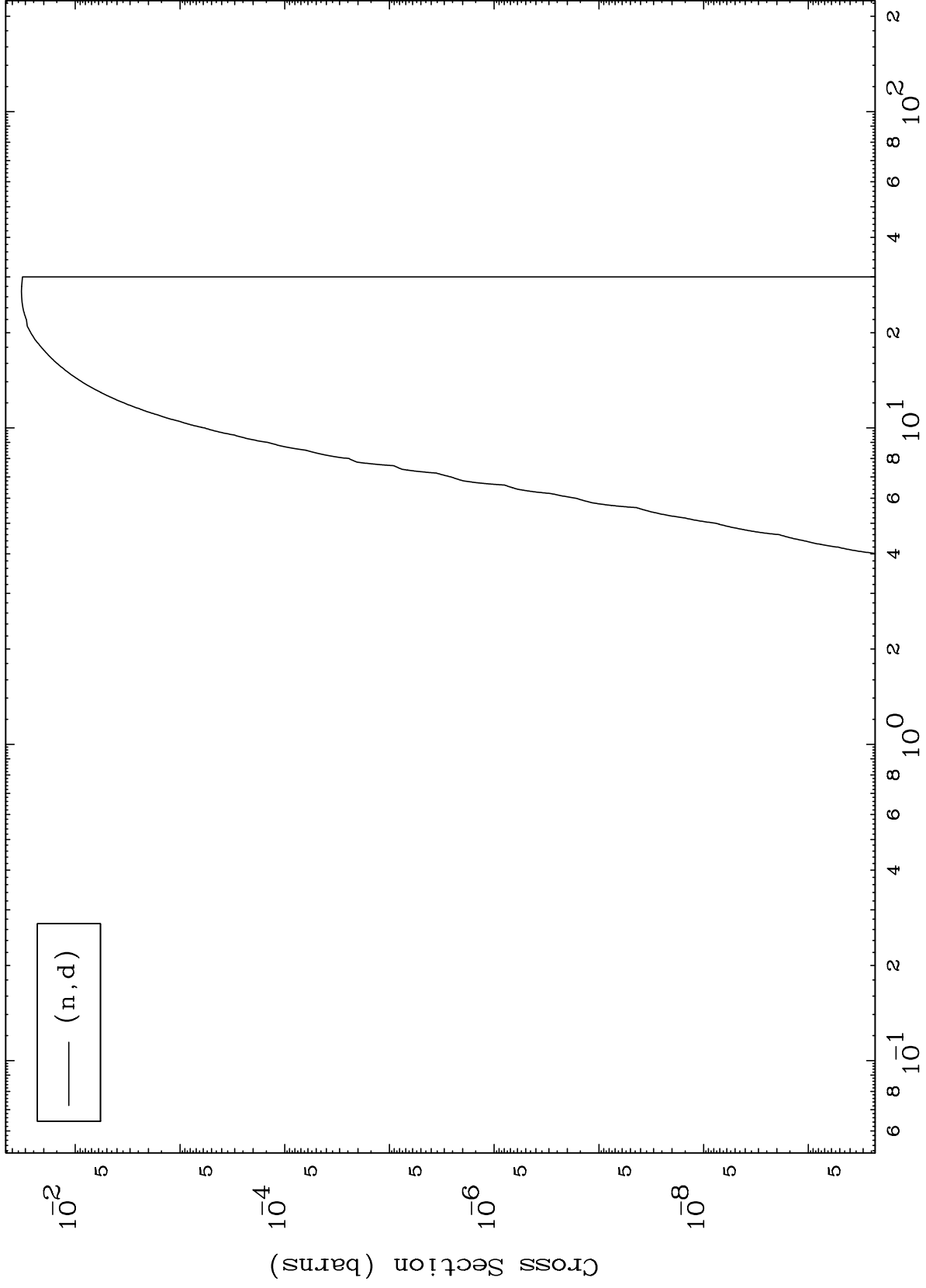
71-Lu-162



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(n,d) Levels
293 Kelvin Cross Sections

71-Lu-162



12

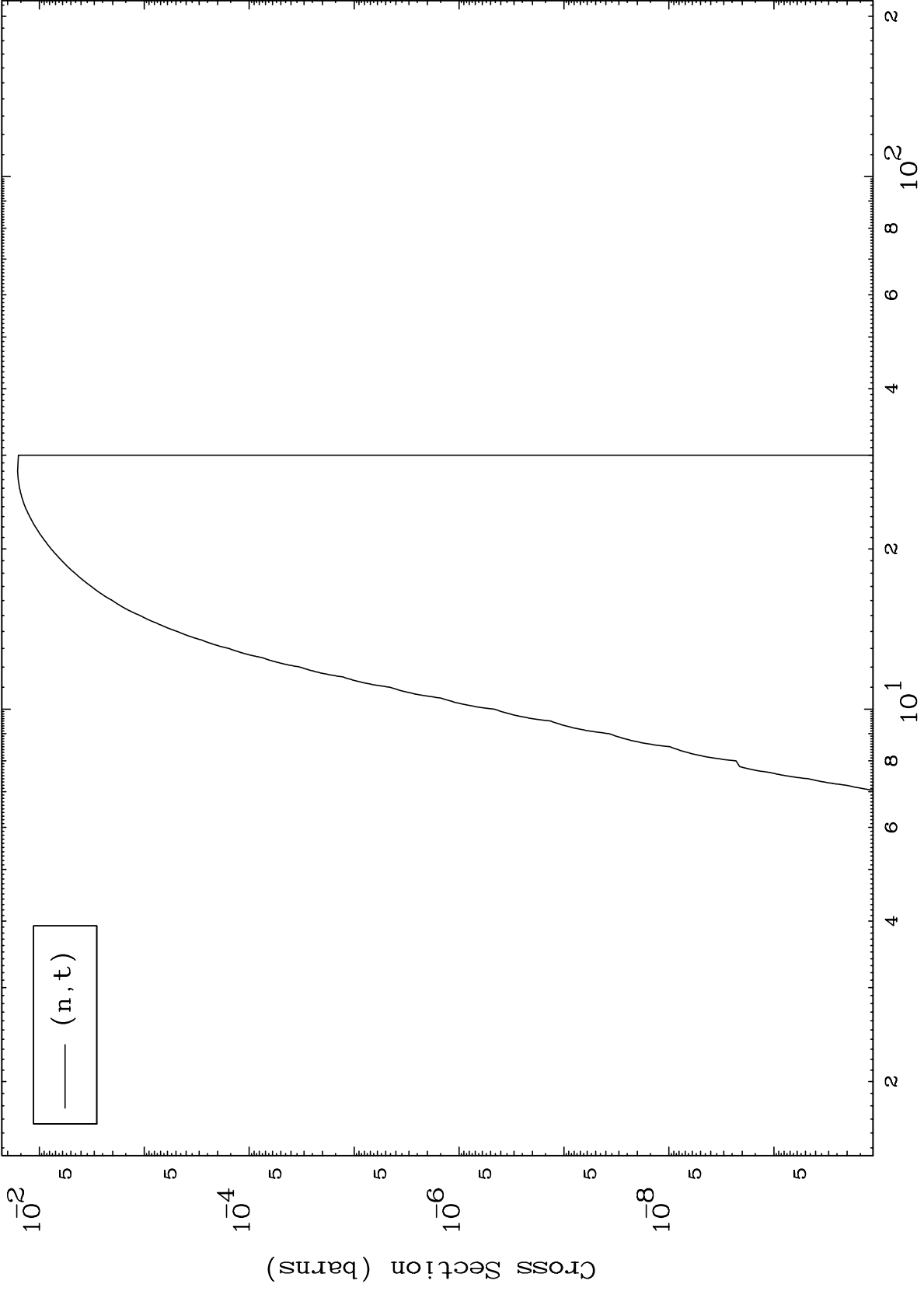
Incident Energy (MeV)

71-Lu-162

MAT 7086

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-162



13

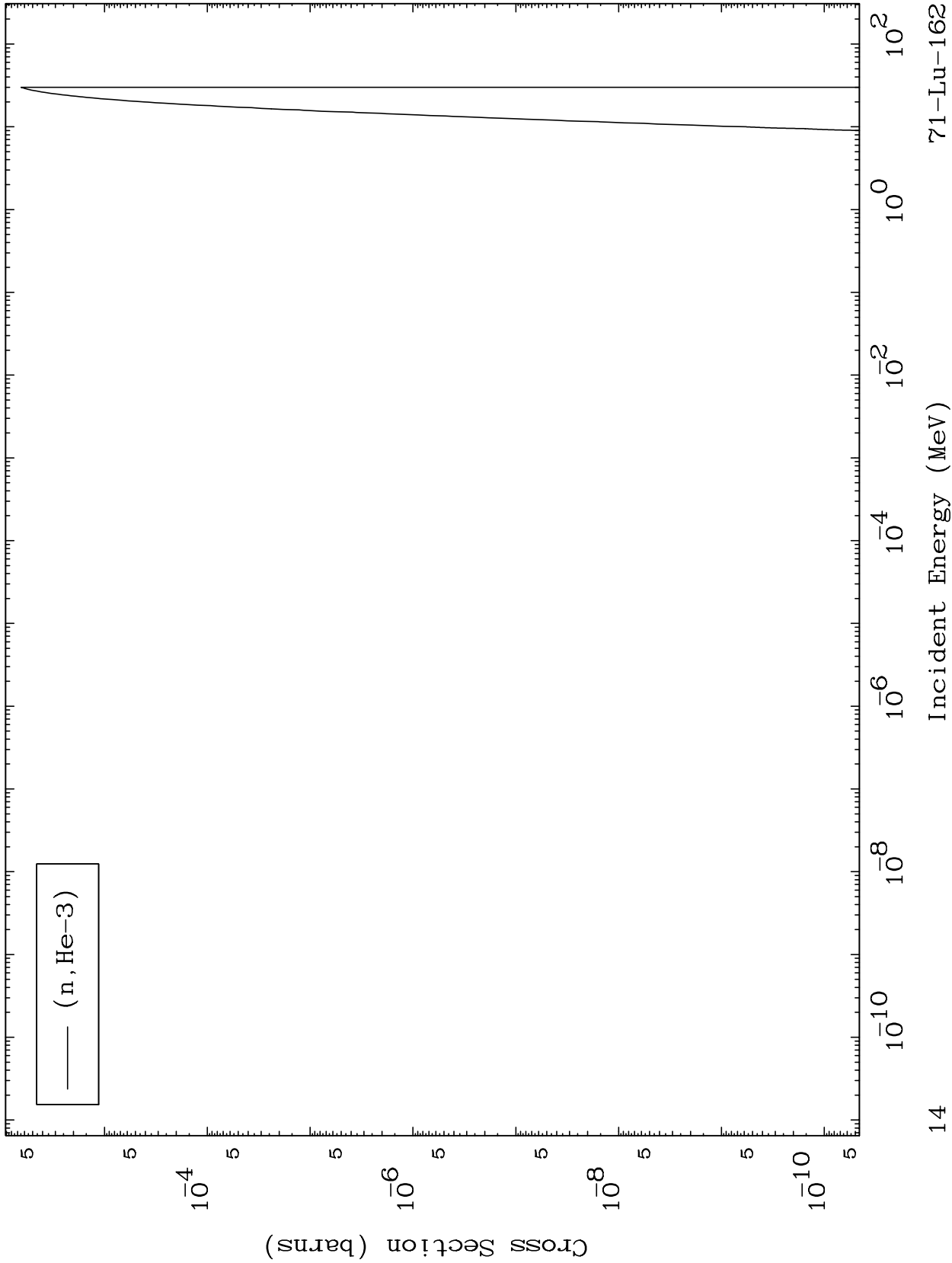
Incident Energy (MeV)

71-Lu-162

MAT 7086

(n,He3) Levels
293 Kelvin Cross Sections

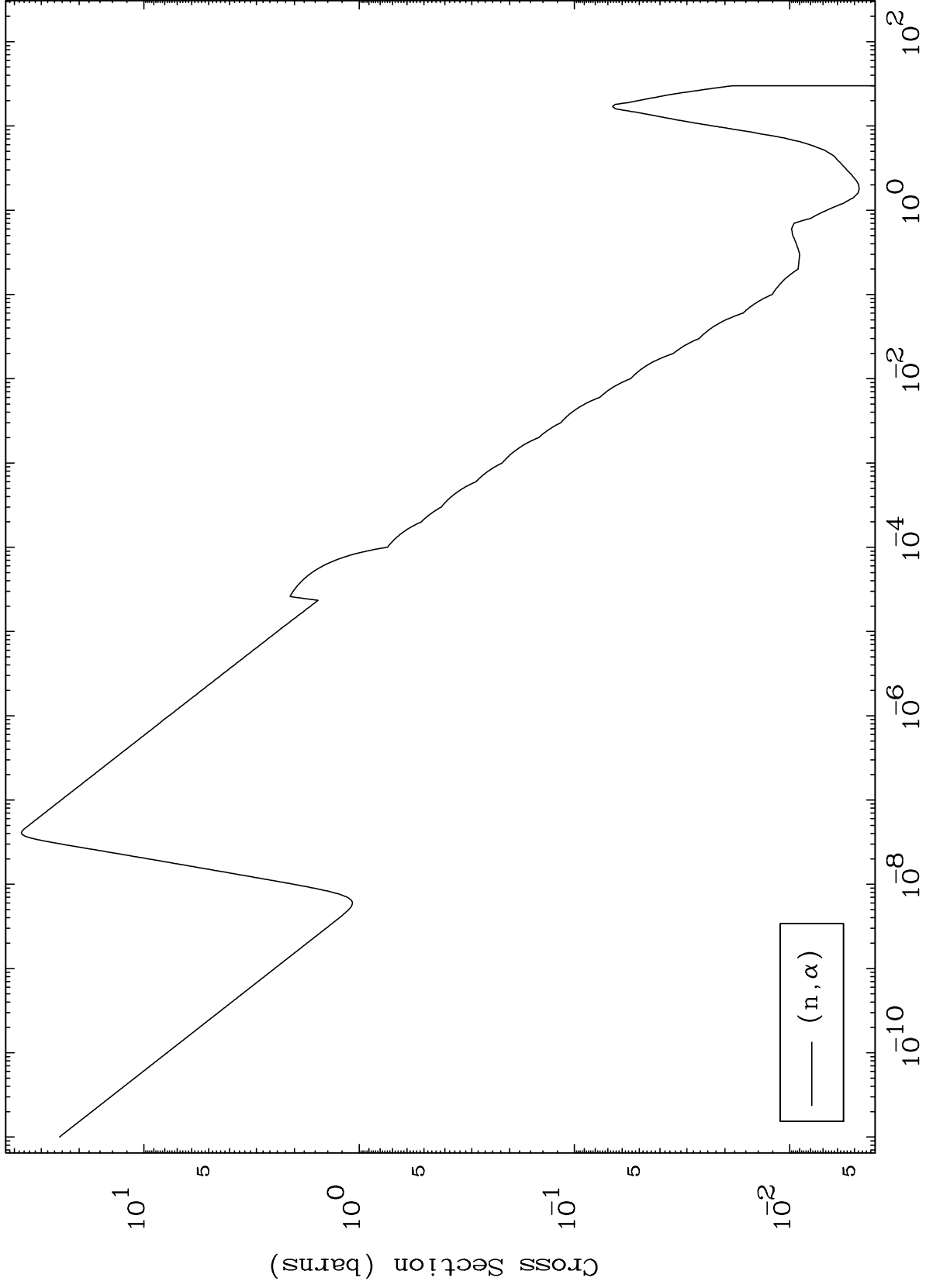
71-Lu-162



MAT 7086

(n,α) Levels
293 Kelvin Cross Sections

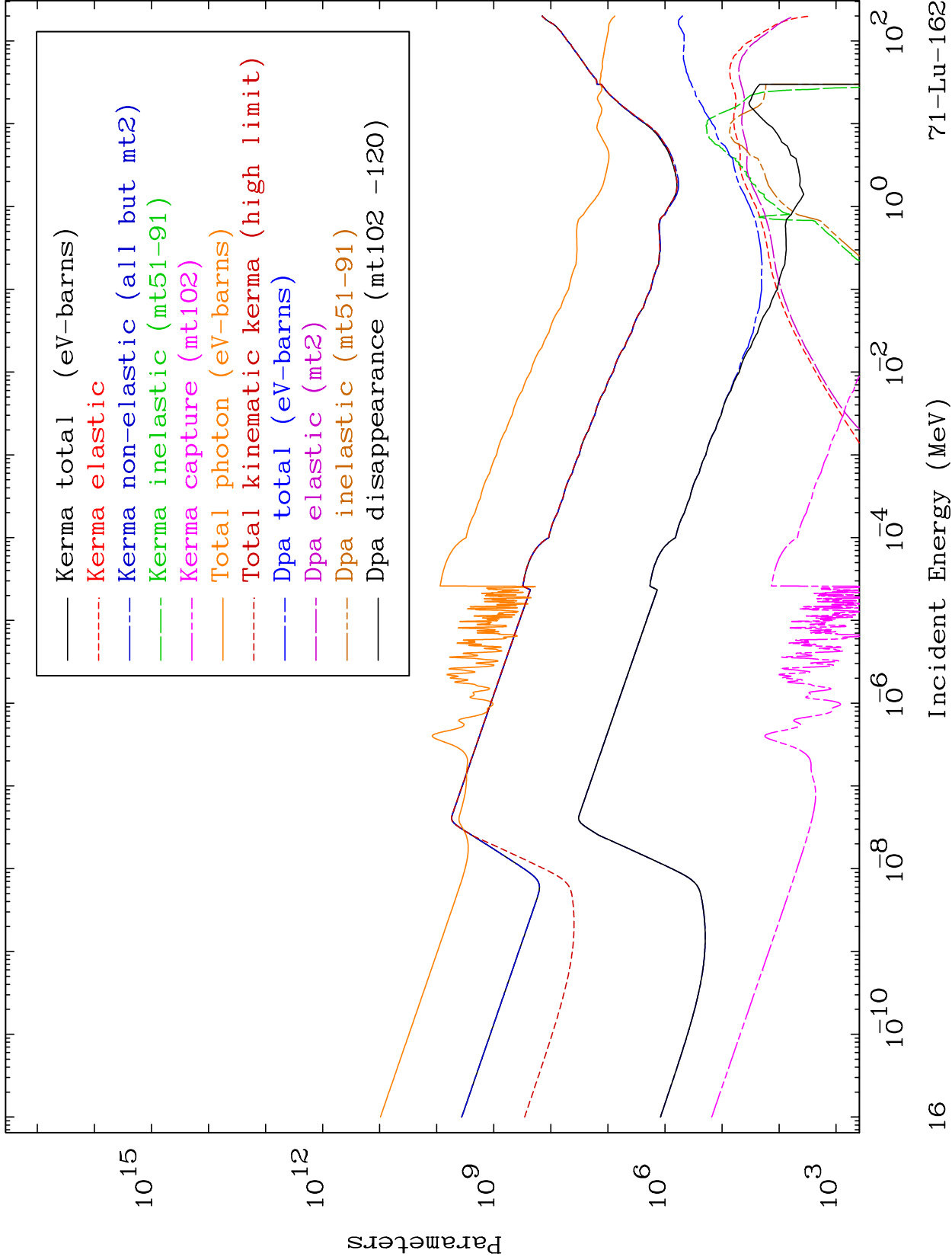
71-Lu-162



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Incident Energy (MeV)

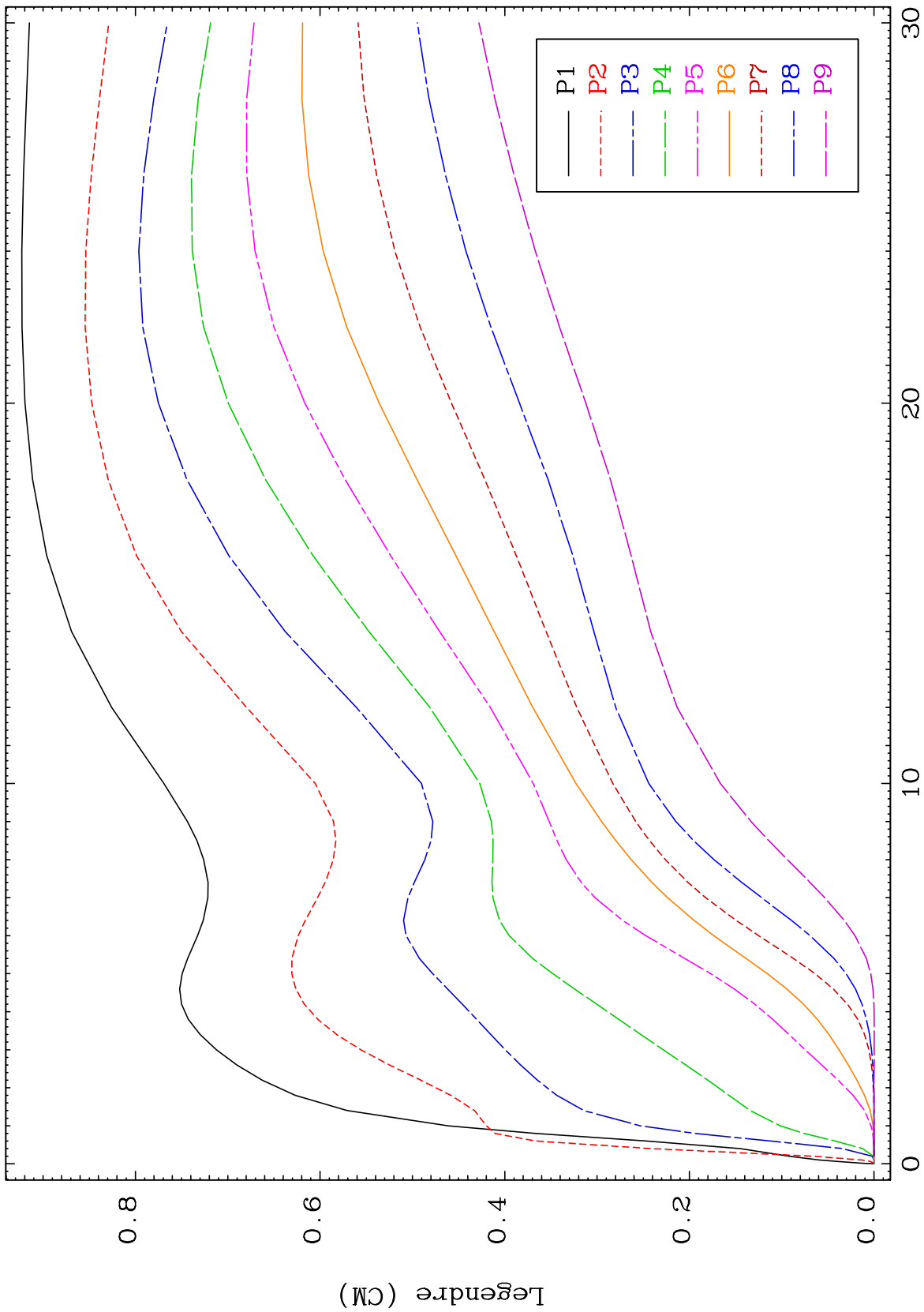
71-Lu-162



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Elastic Legendre Coefficients

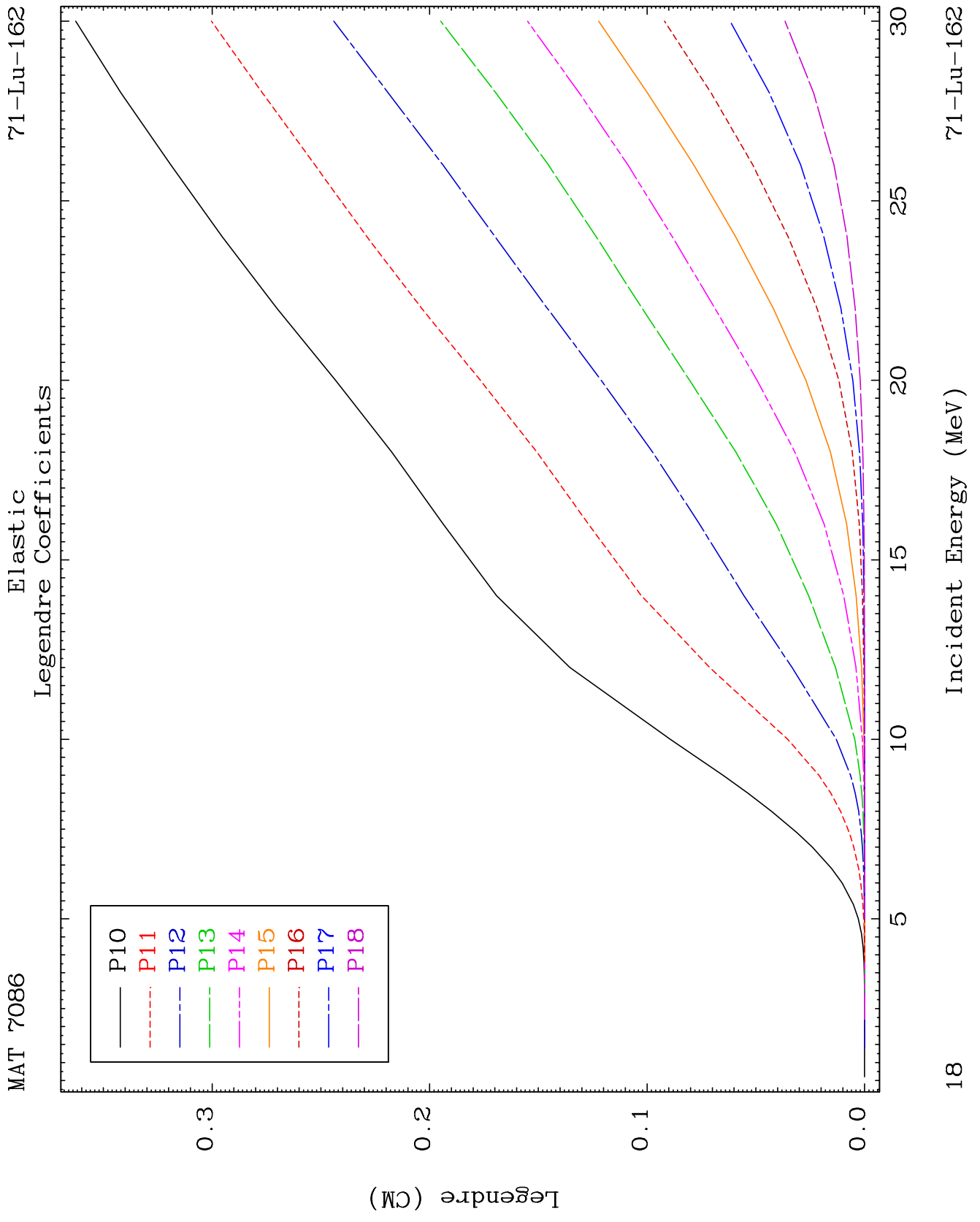
71-Lu-162



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Incident Energy (MeV)

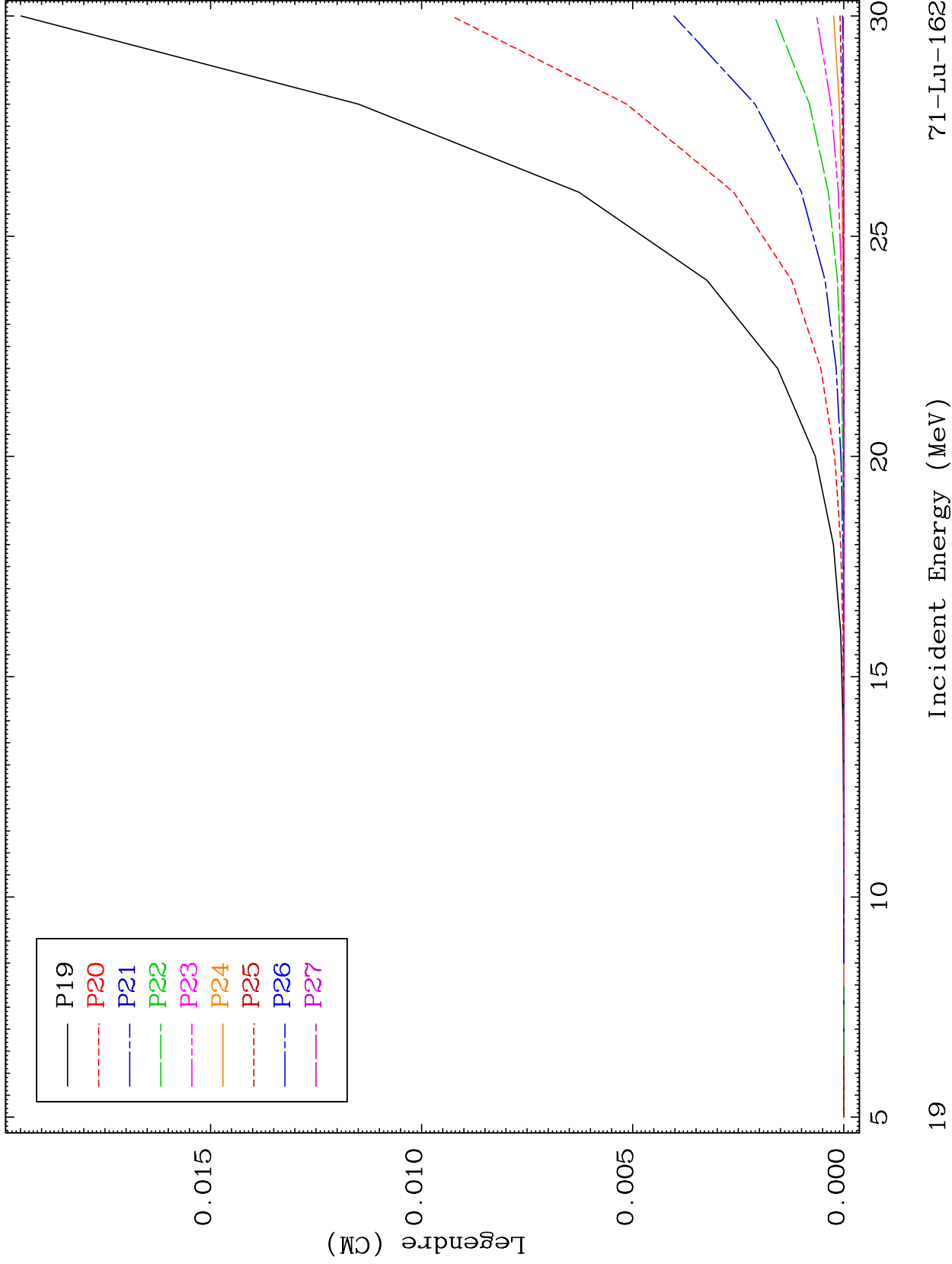
71-Lu-162



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Elastic
Legendre Coefficients

⁷¹Lu-162



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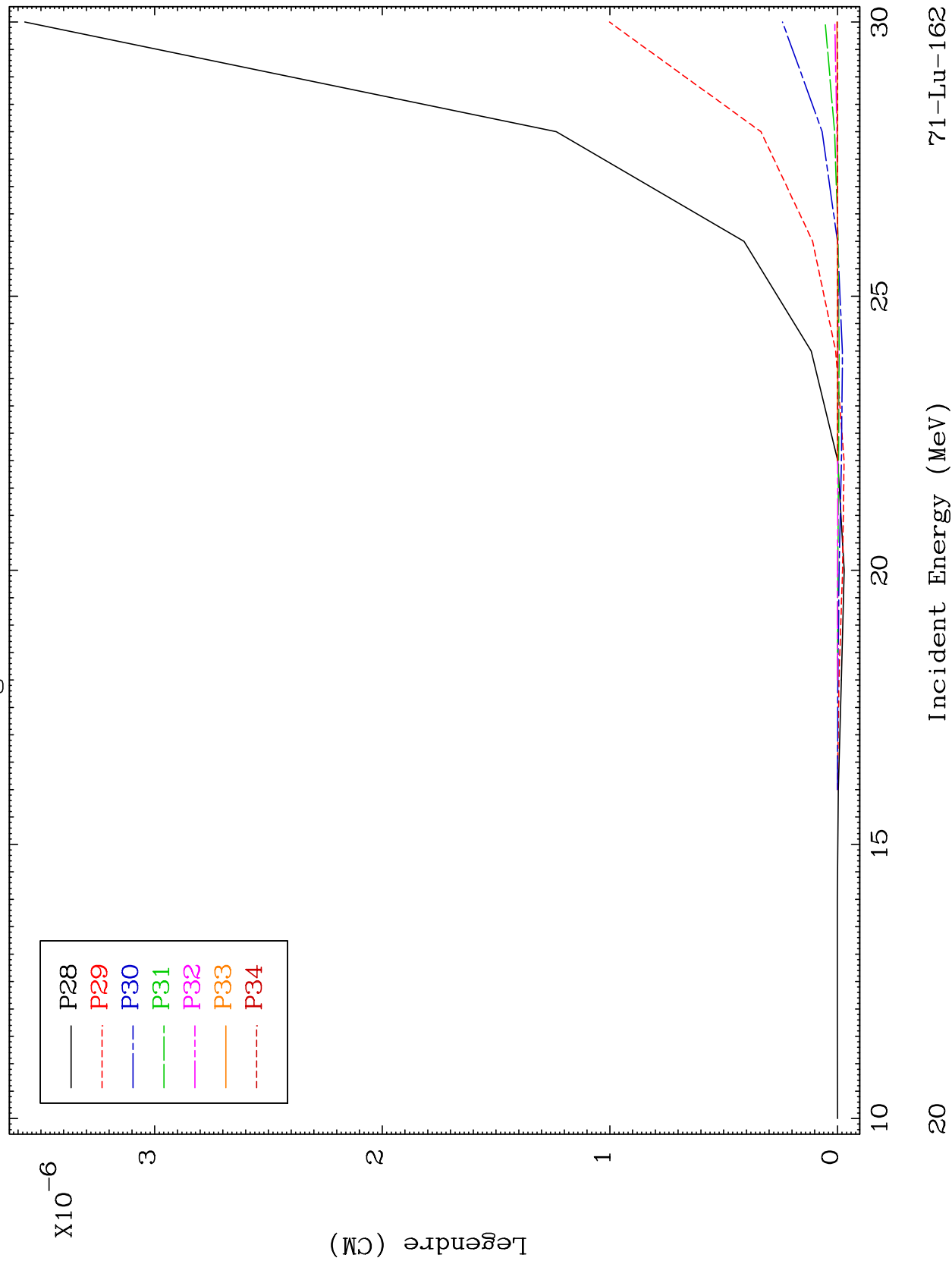
Incident Energy (MeV)

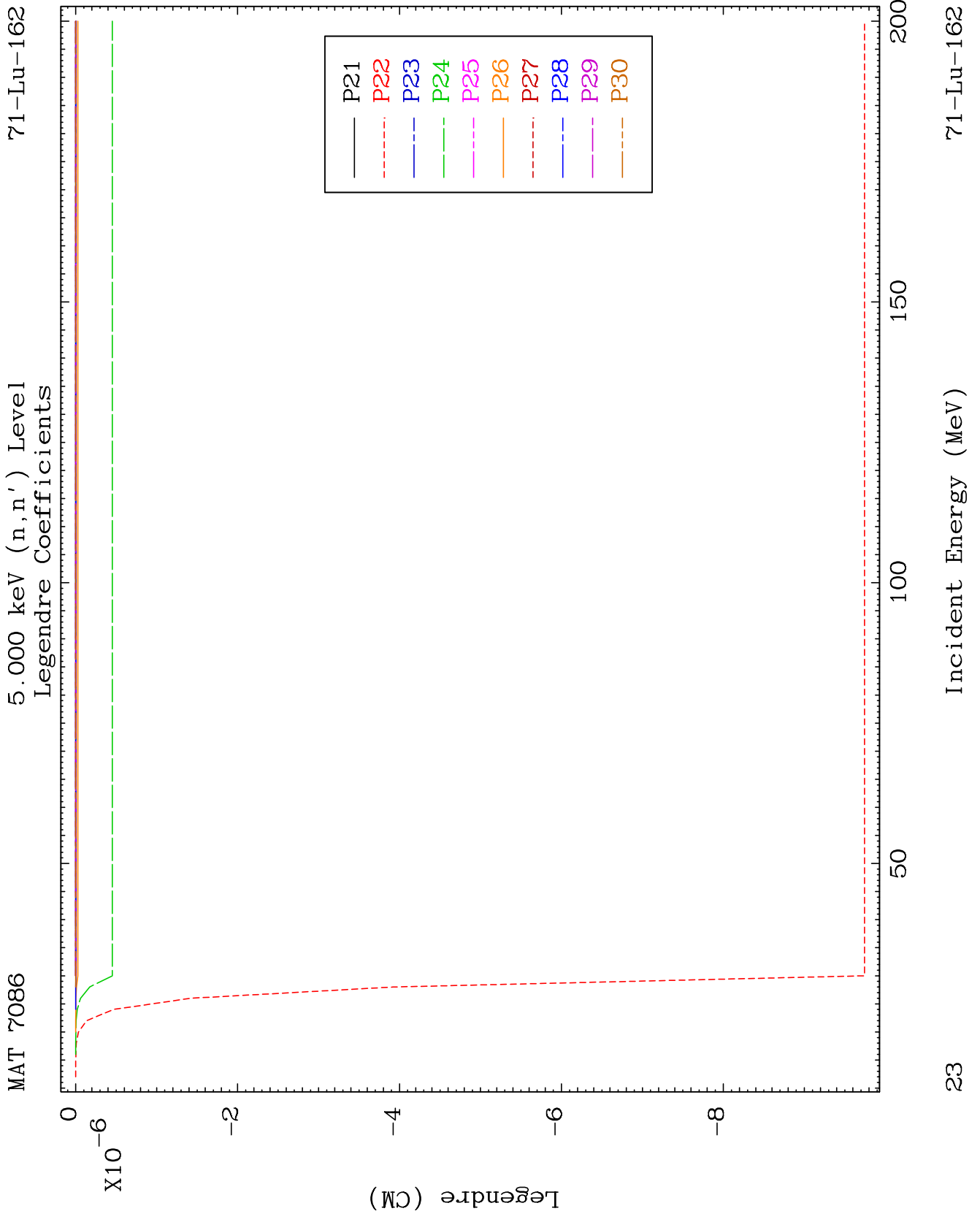
⁷¹Lu-162

MAT 7086

Elastic
Legendre Coefficients

⁷¹Lu-162

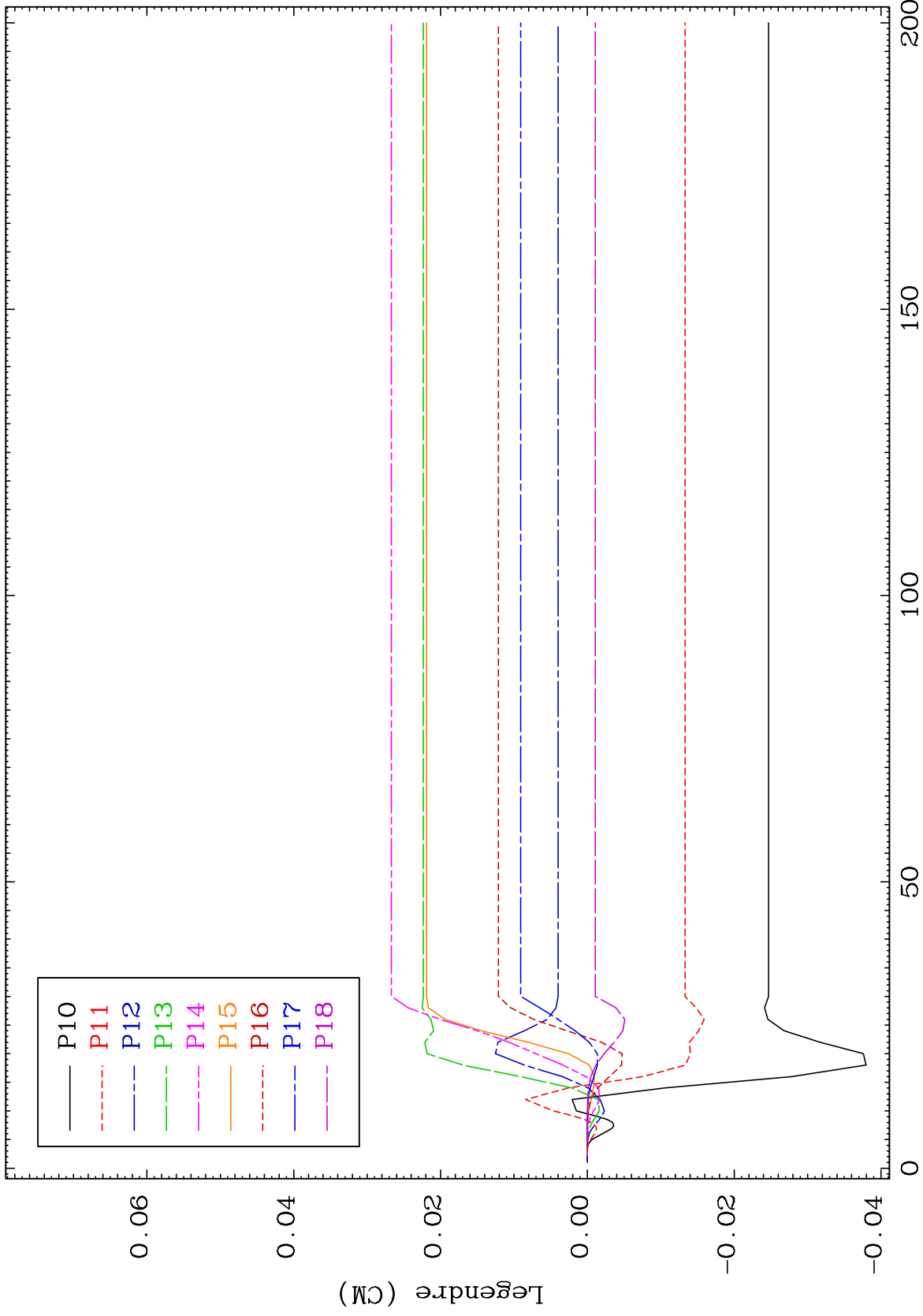




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79.20 keV (n,n') Level
Legendre Coefficients

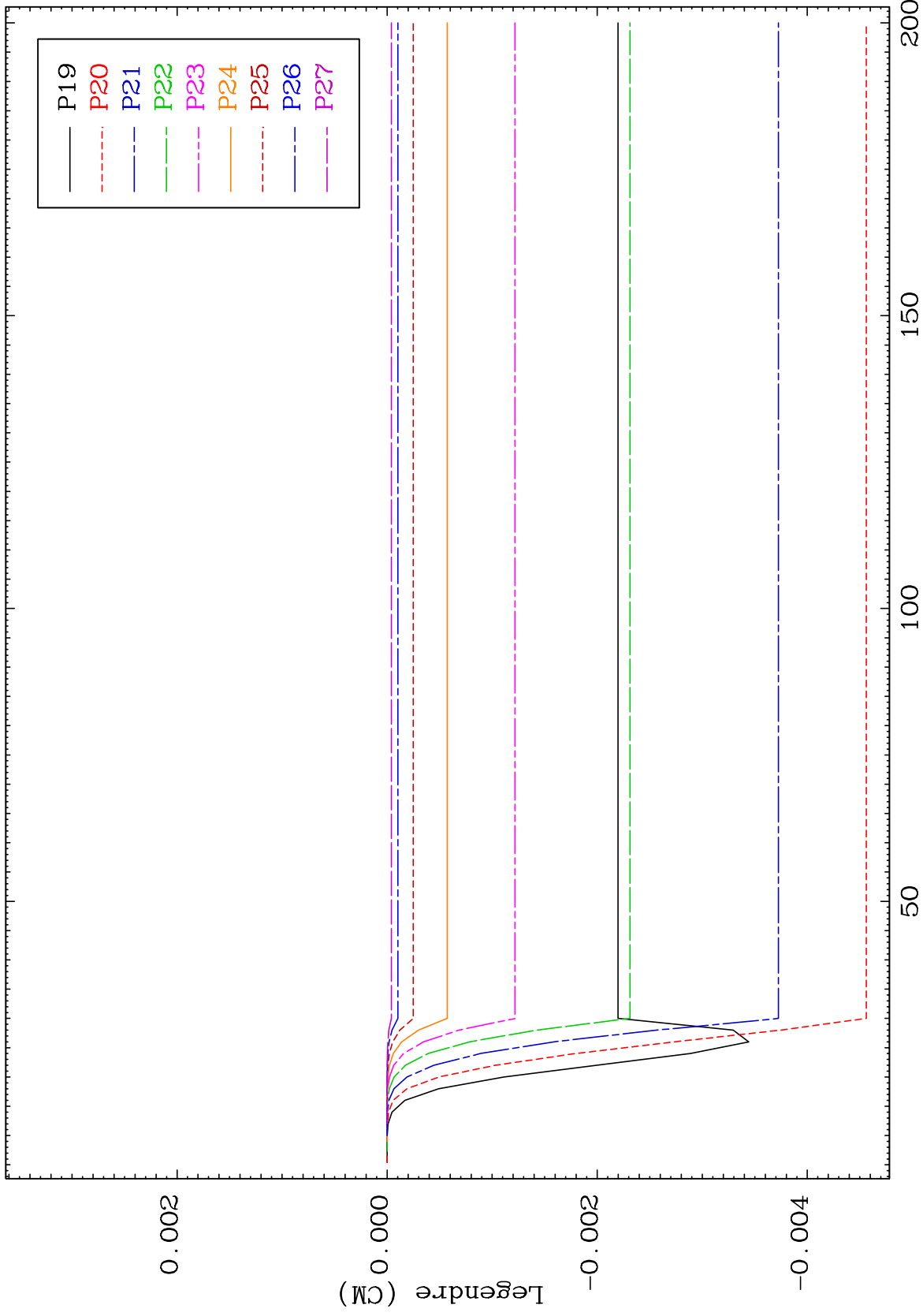
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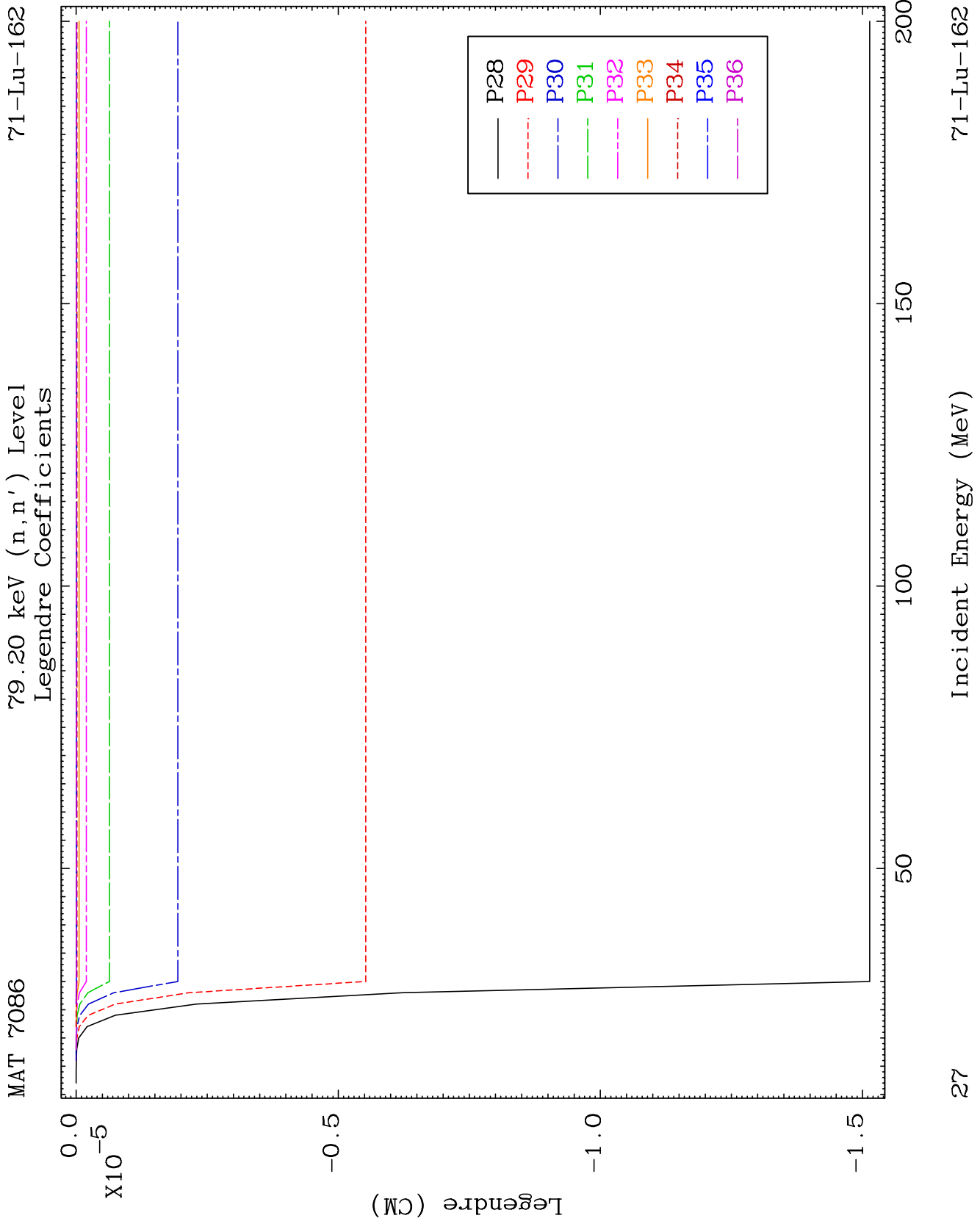


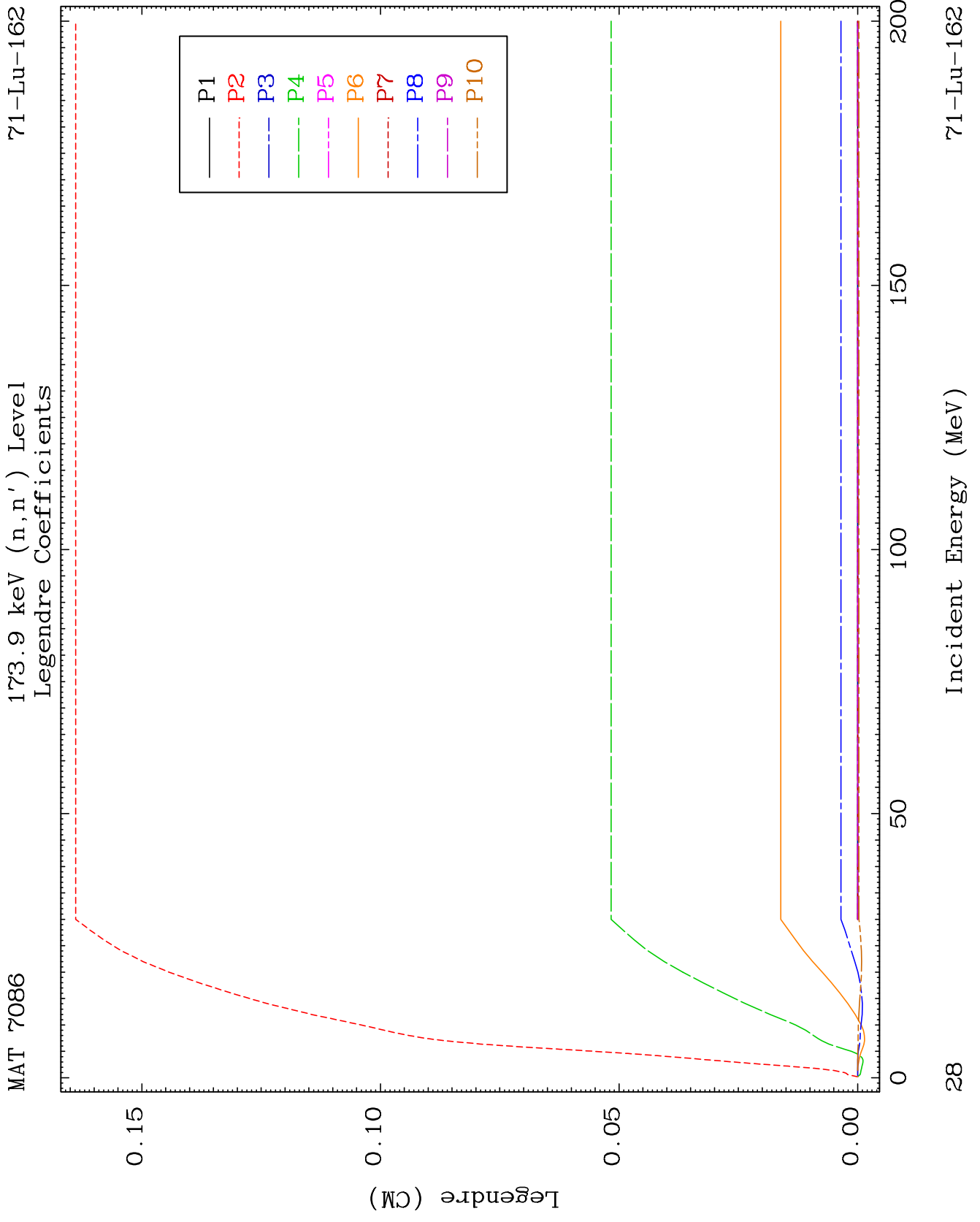
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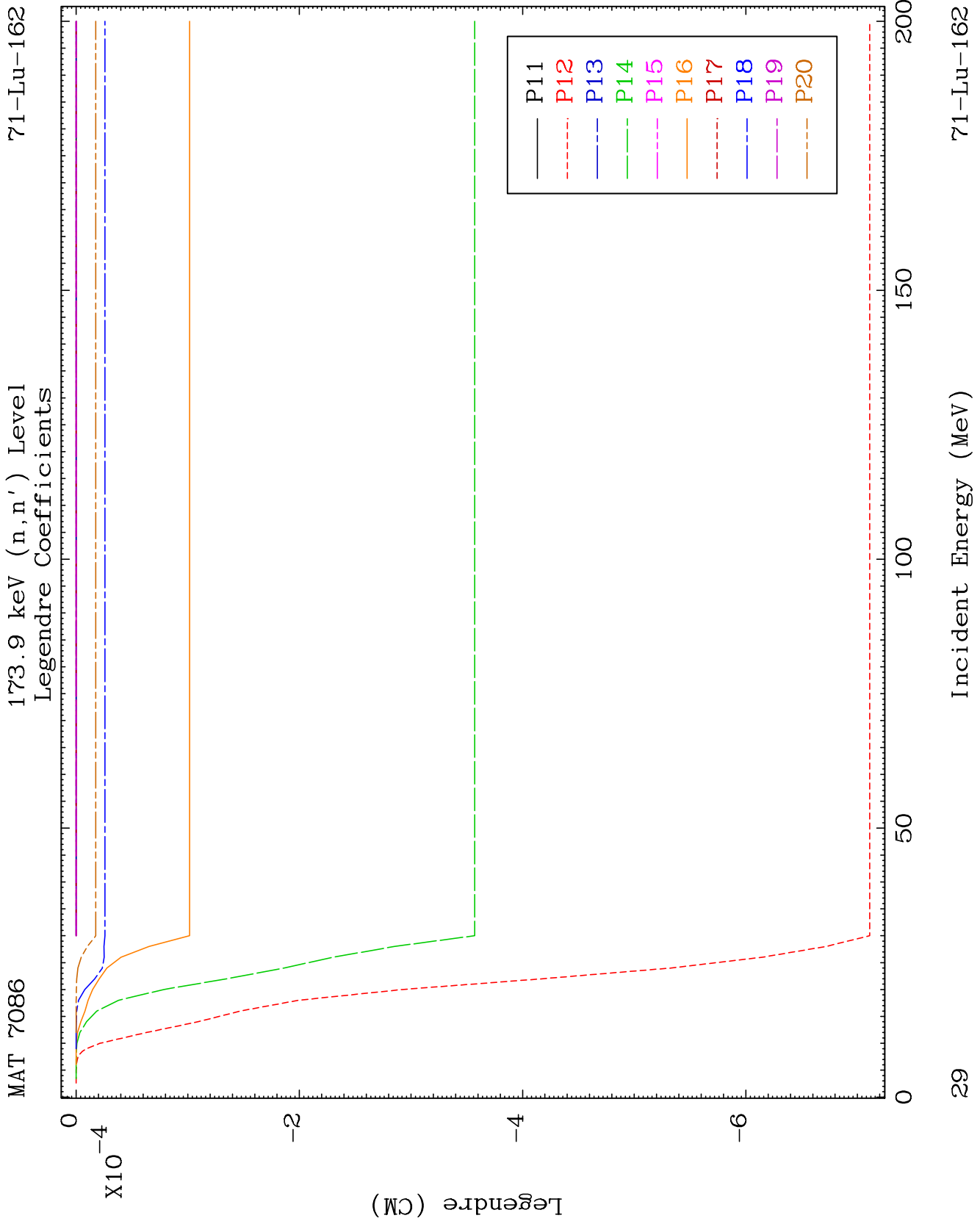
Incident Energy (MeV)

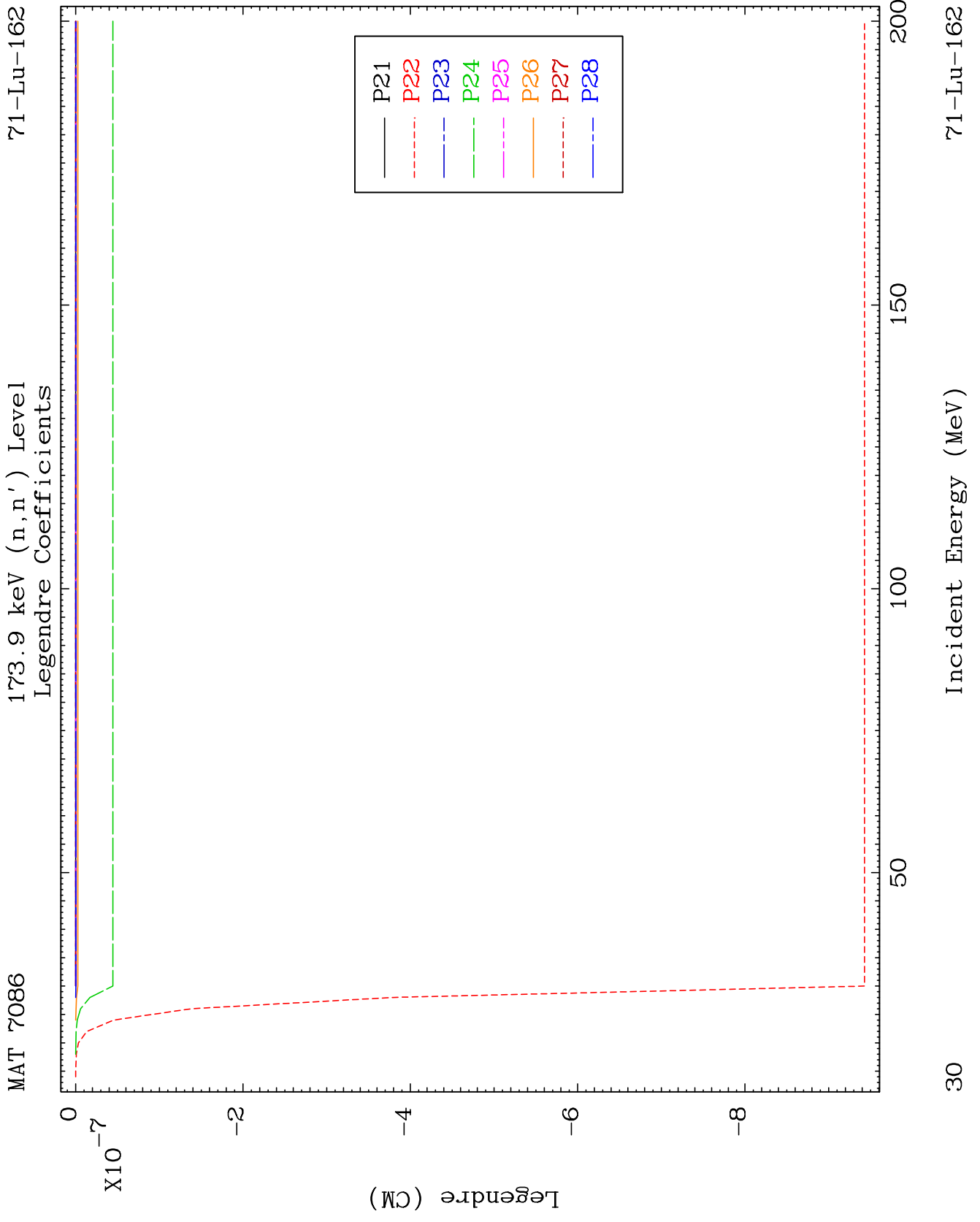
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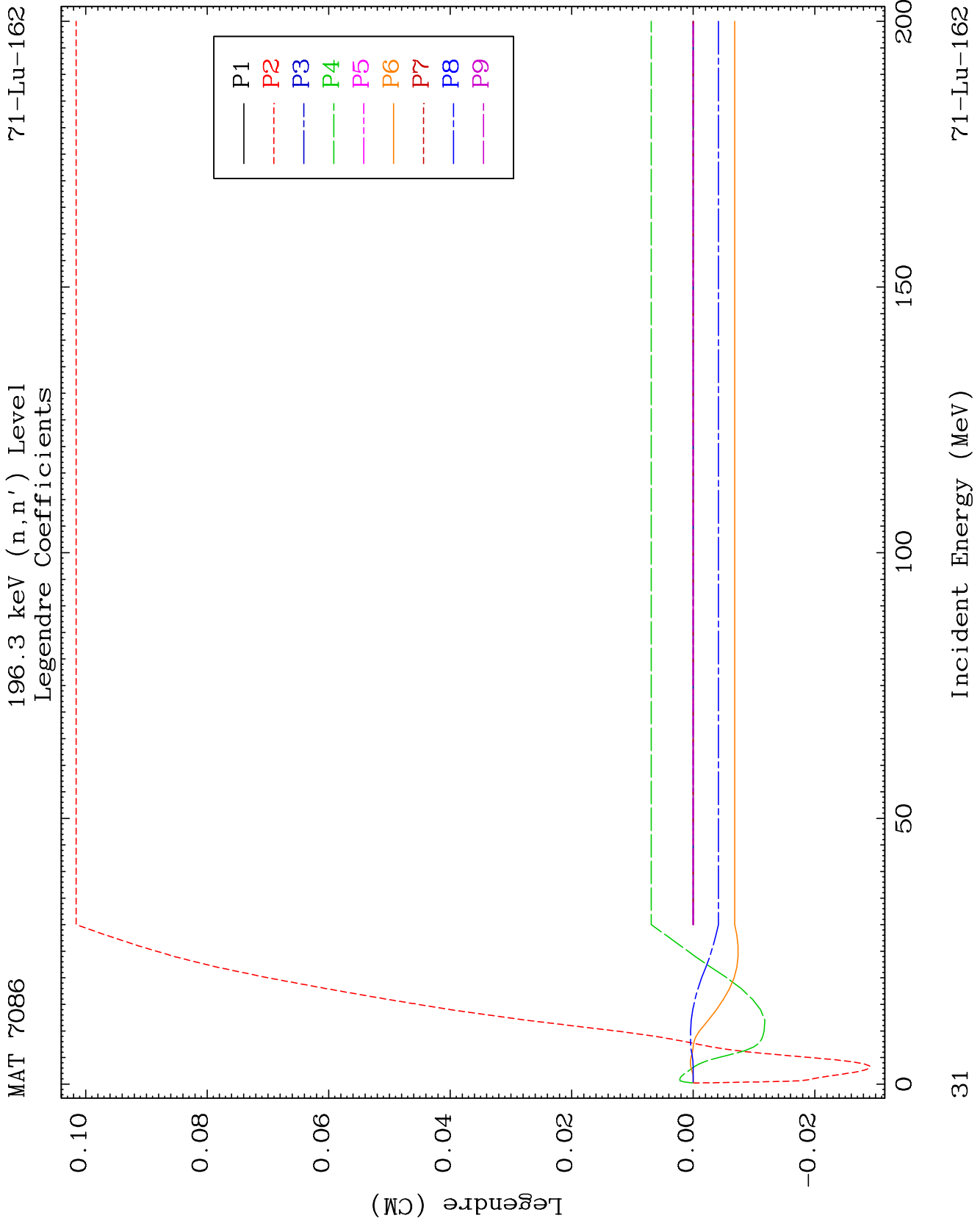








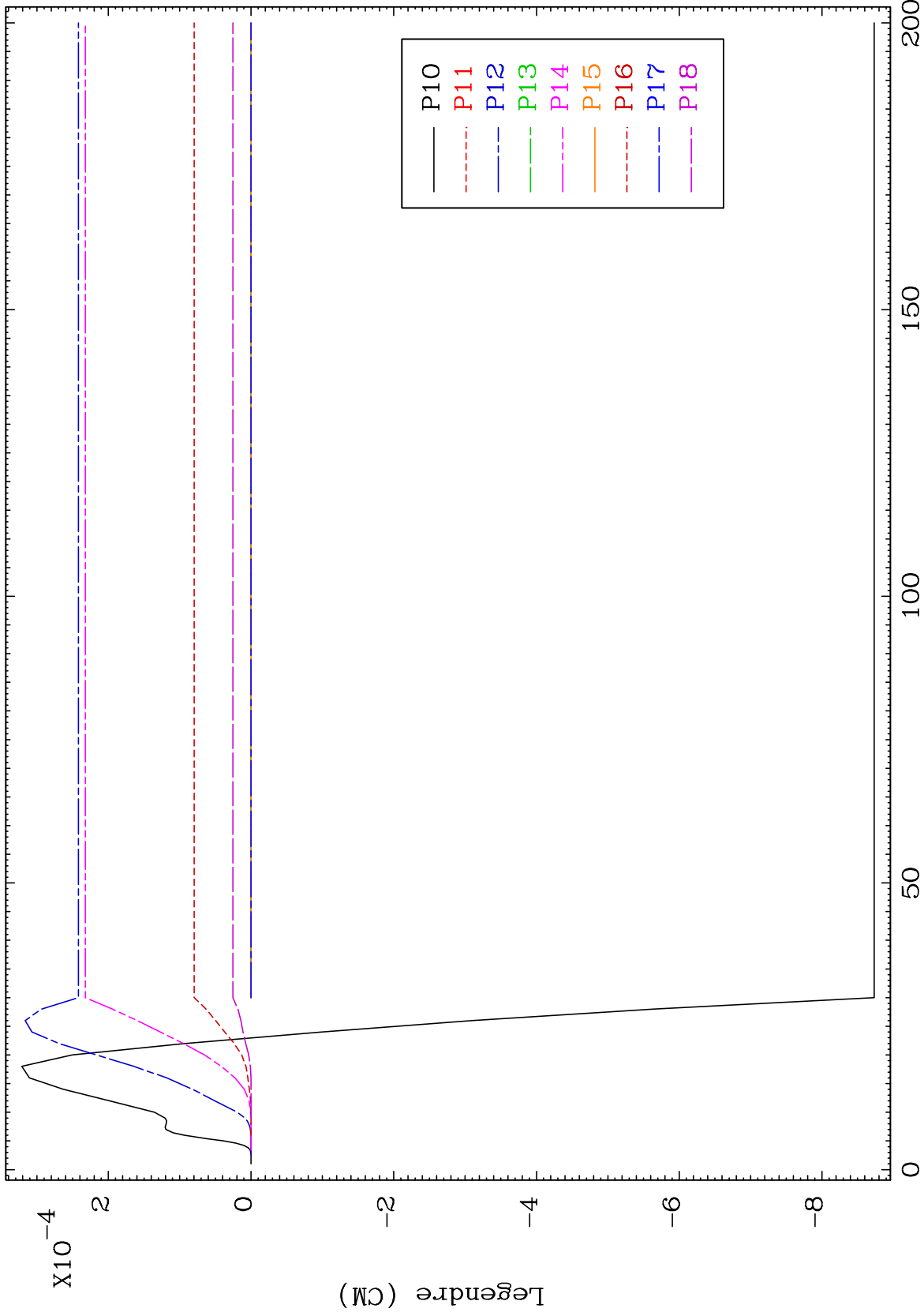




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196.3 keV (n,n') Level
Legendre Coefficients

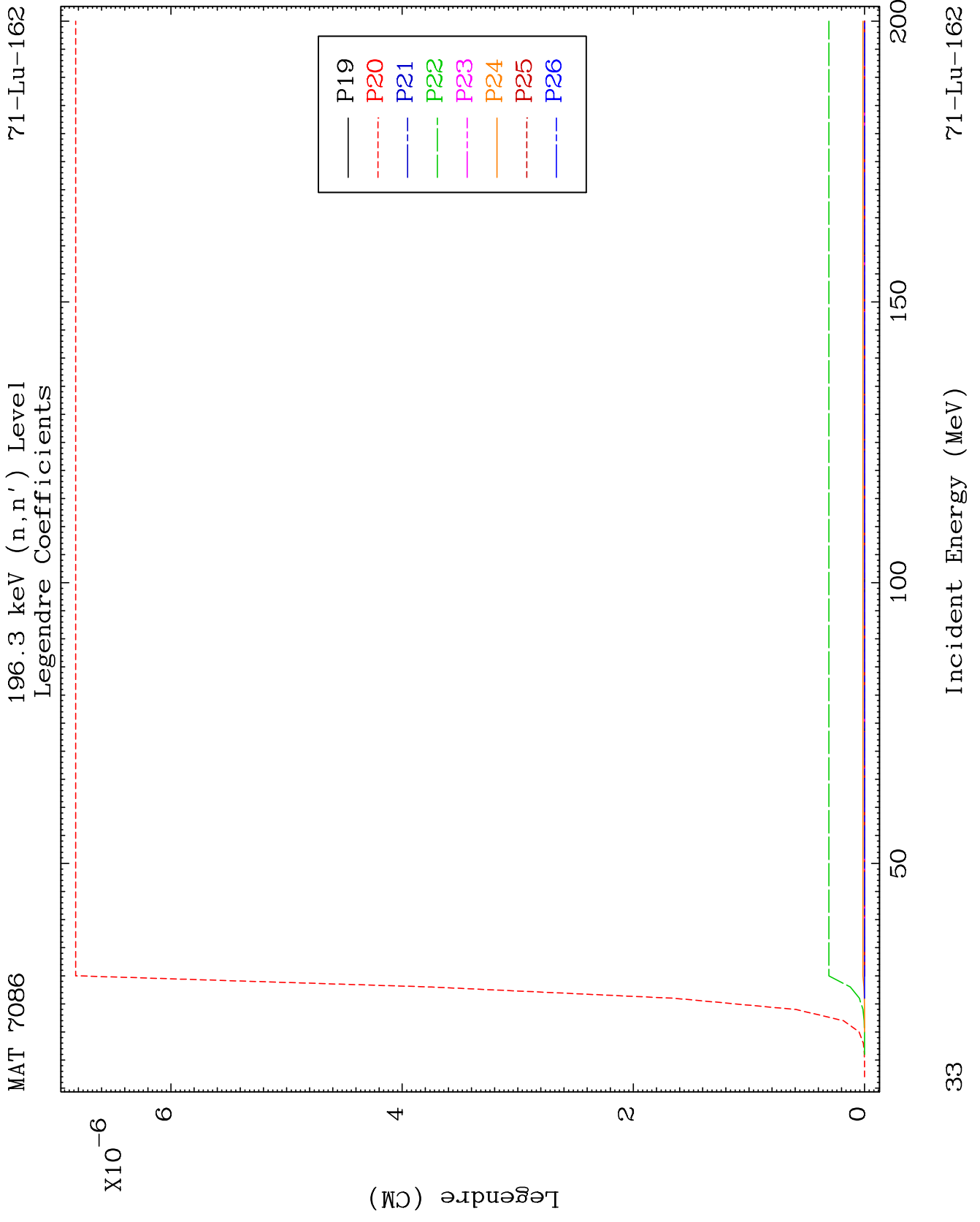
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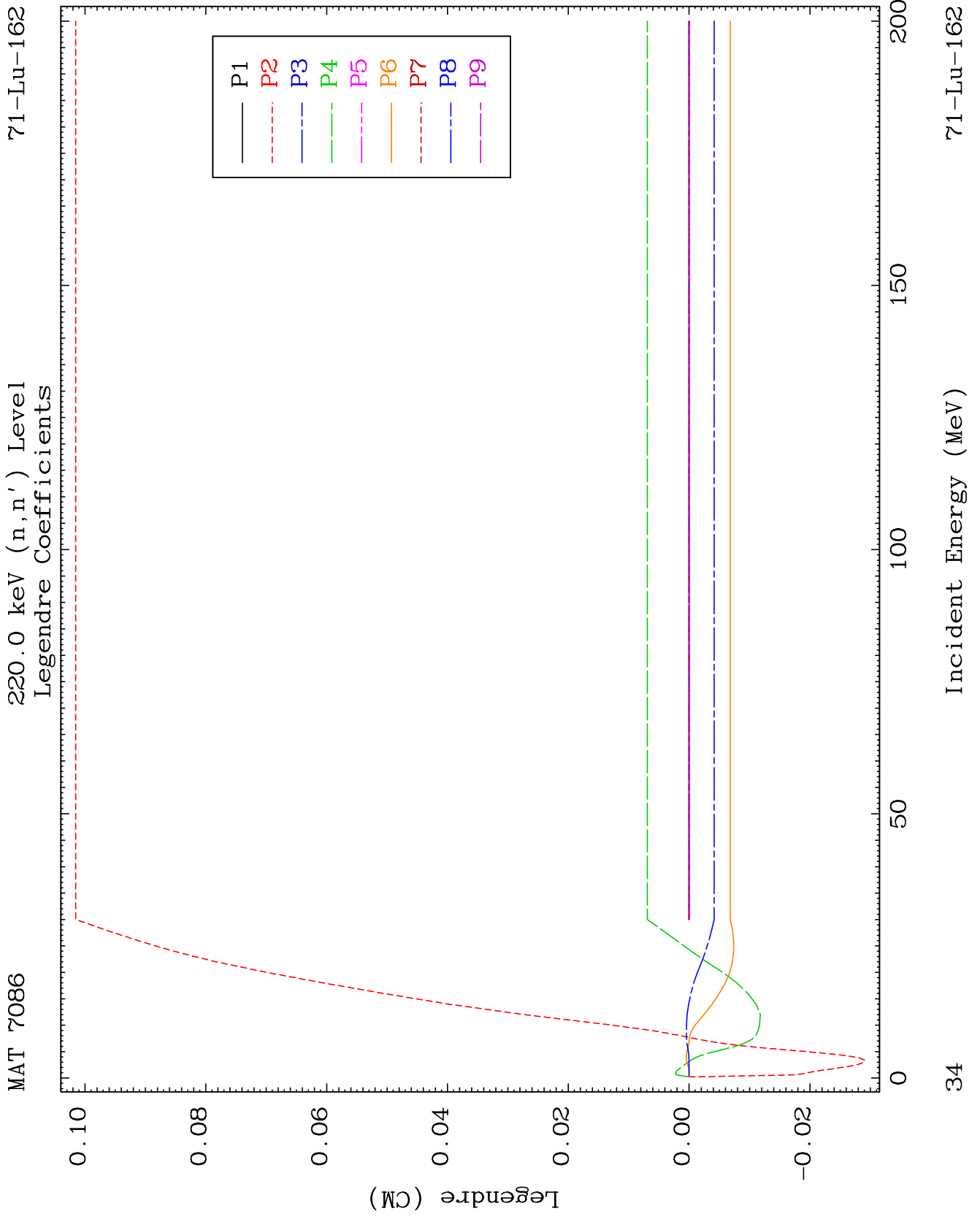


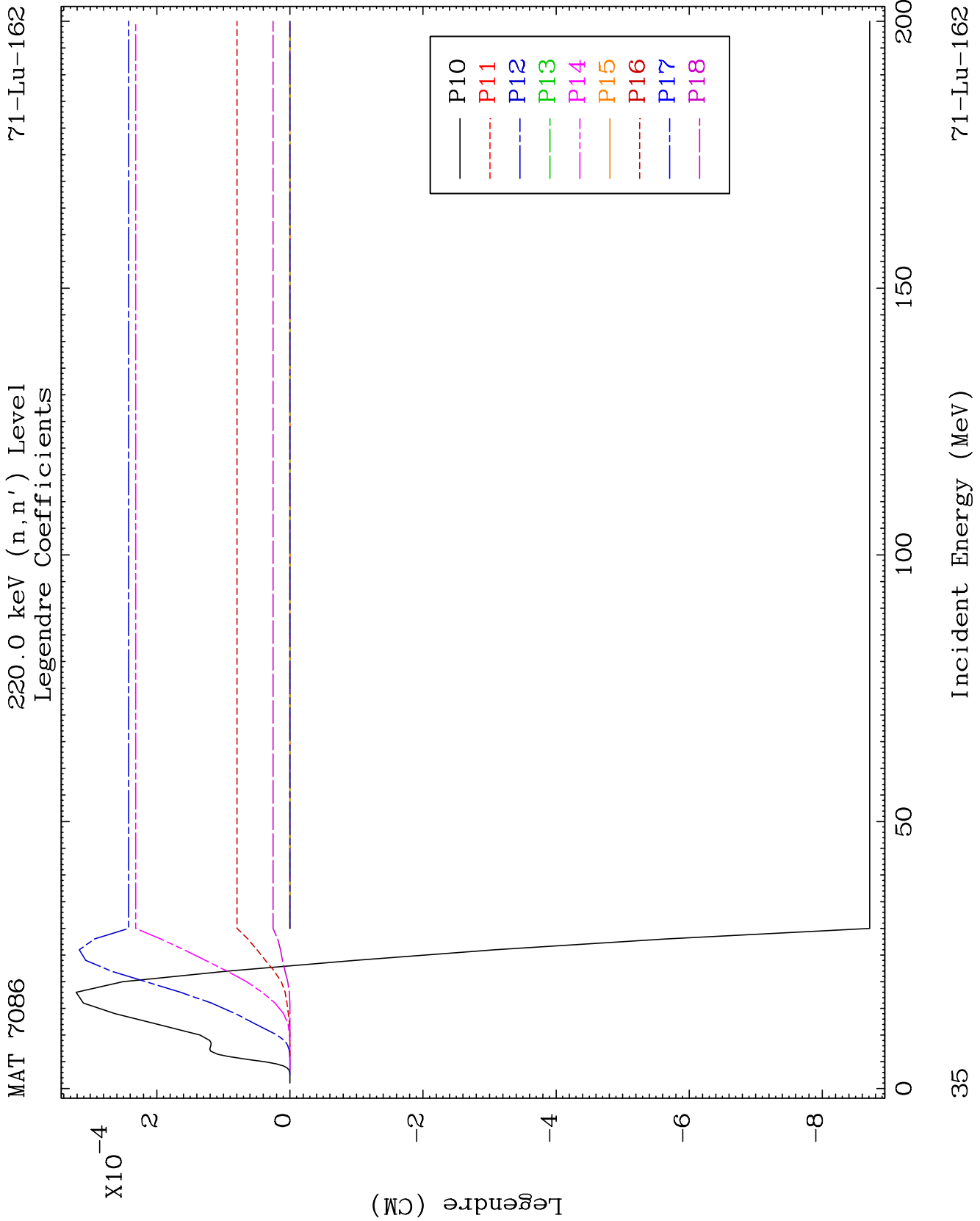
32

Incident Energy (MeV)

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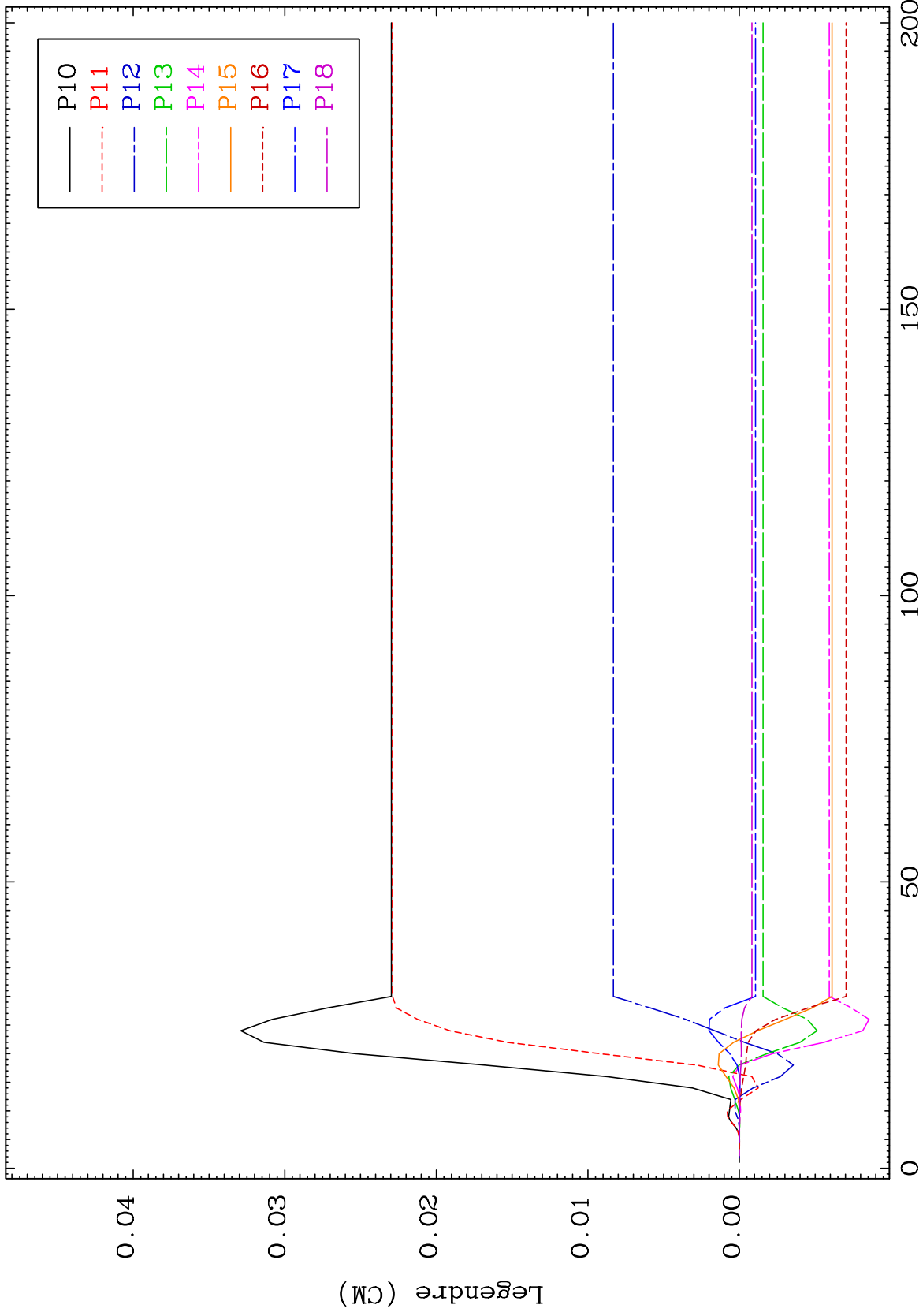




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453.3 keV (n,n') Level
Legendre Coefficients

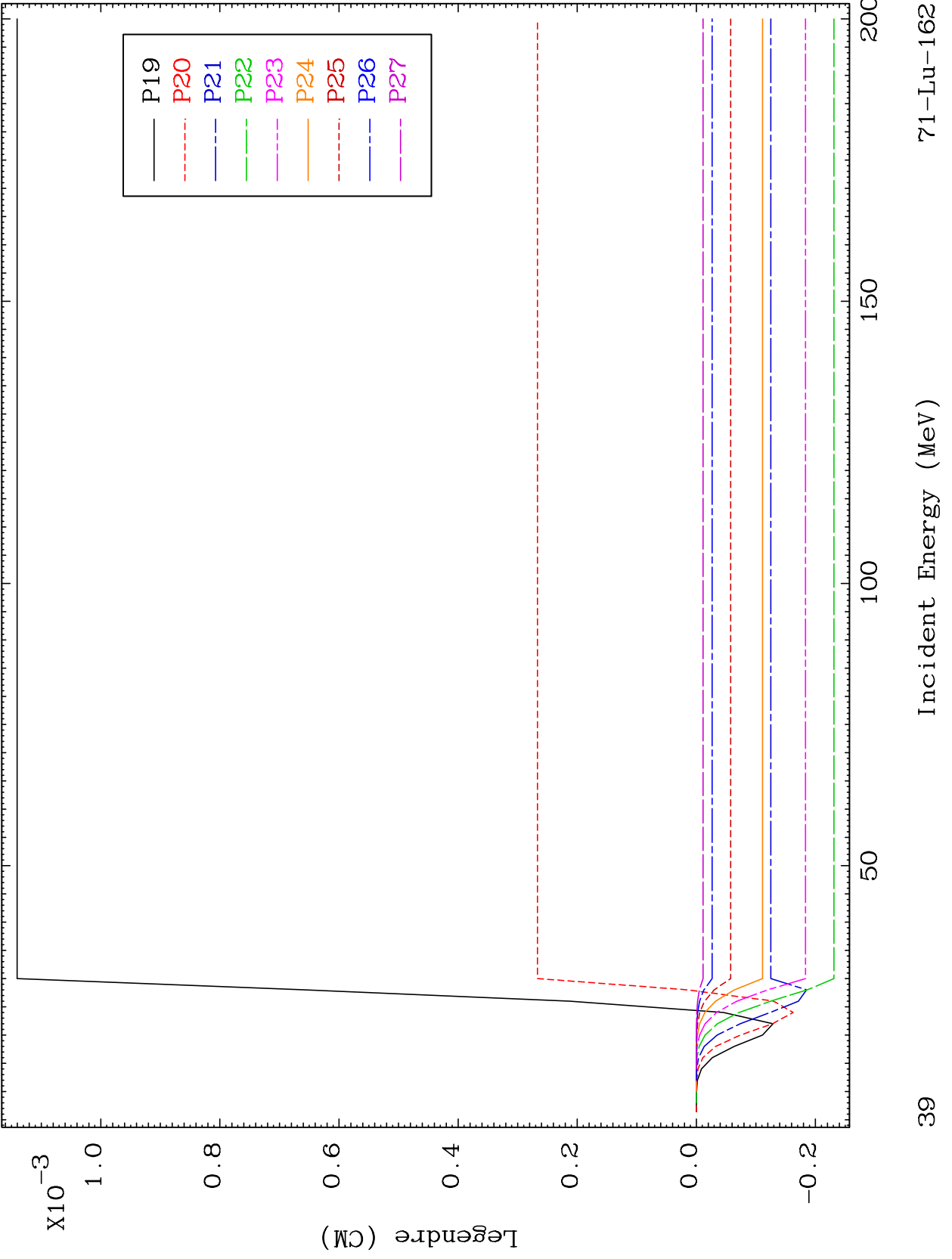
71-Lu-162

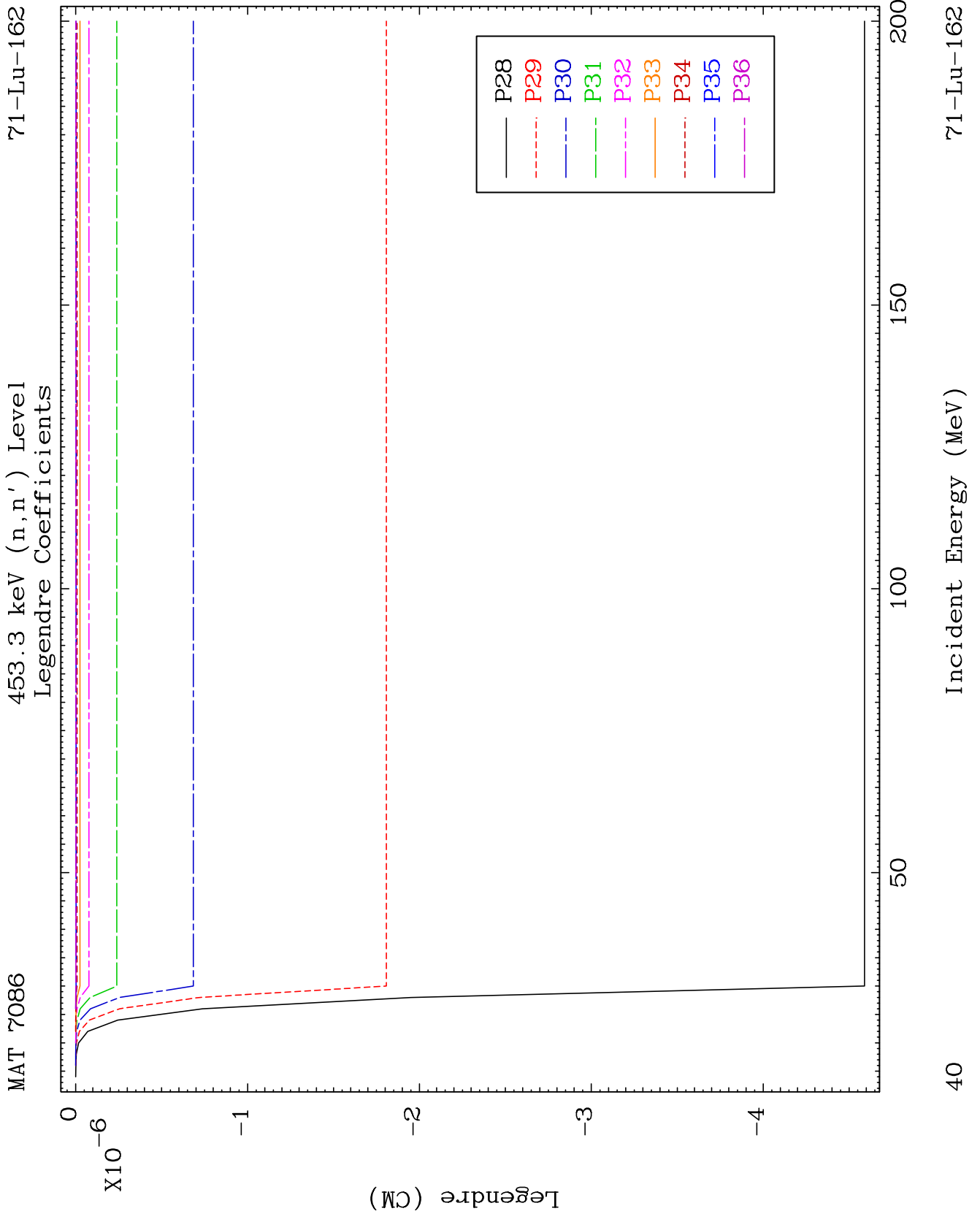


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Incident Energy (MeV)

71-Lu-162

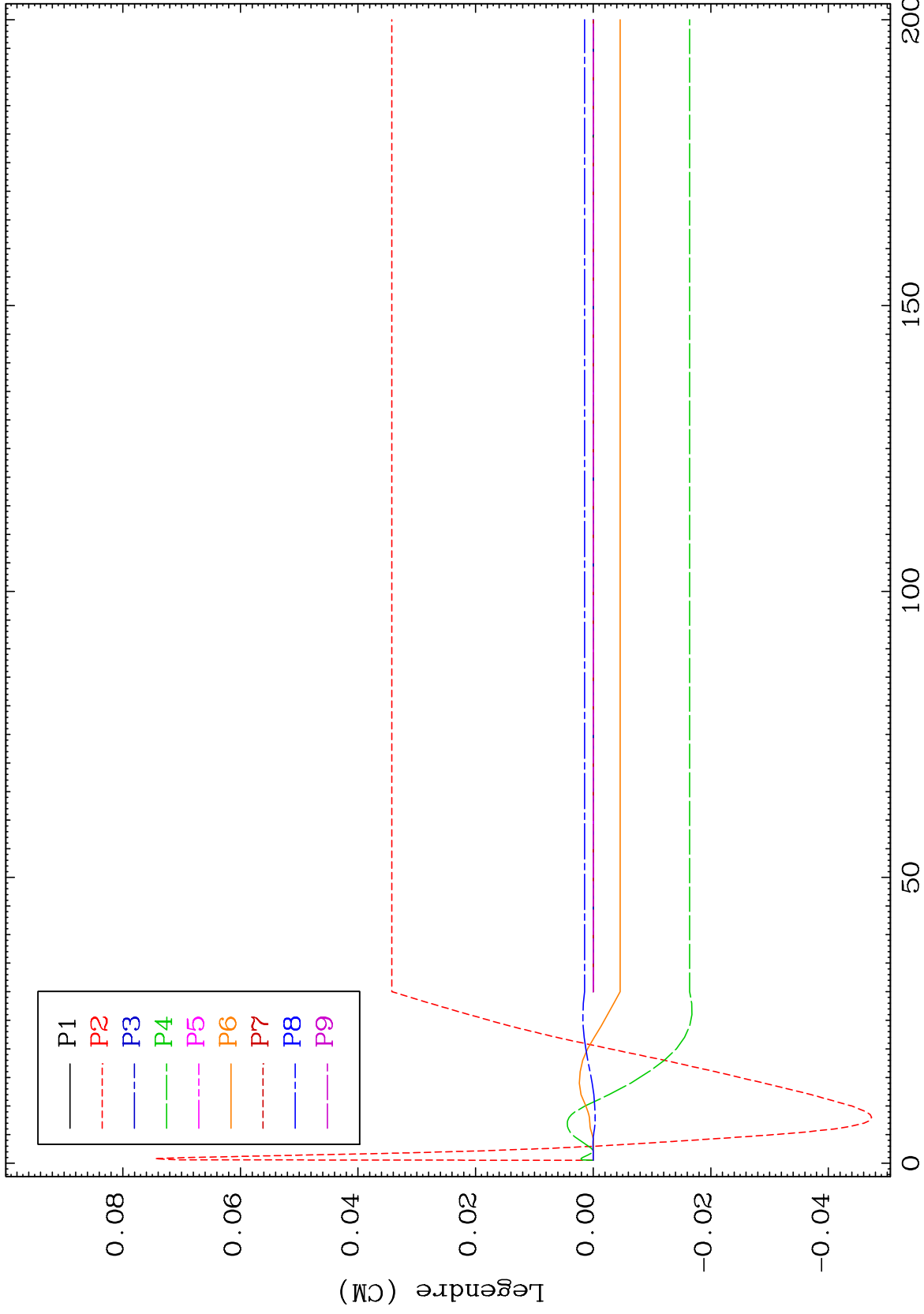




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500.0 keV (n,n') Level
Legendre Coefficients

71-Lu-162



71-Lu-162

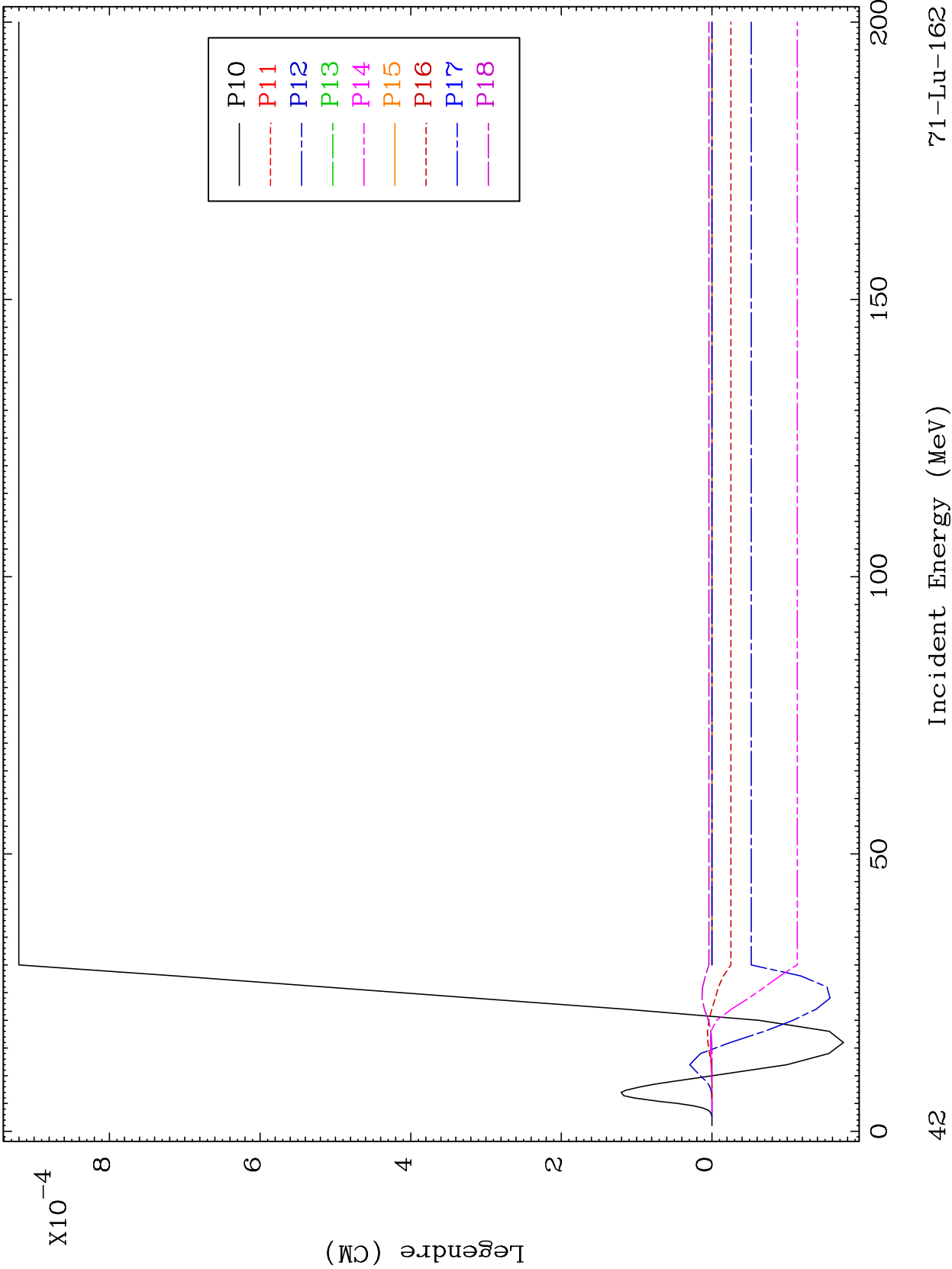
Incident Energy (MeV)

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MAT 7086

500.0 keV (n,n') Level
Legendre Coefficients

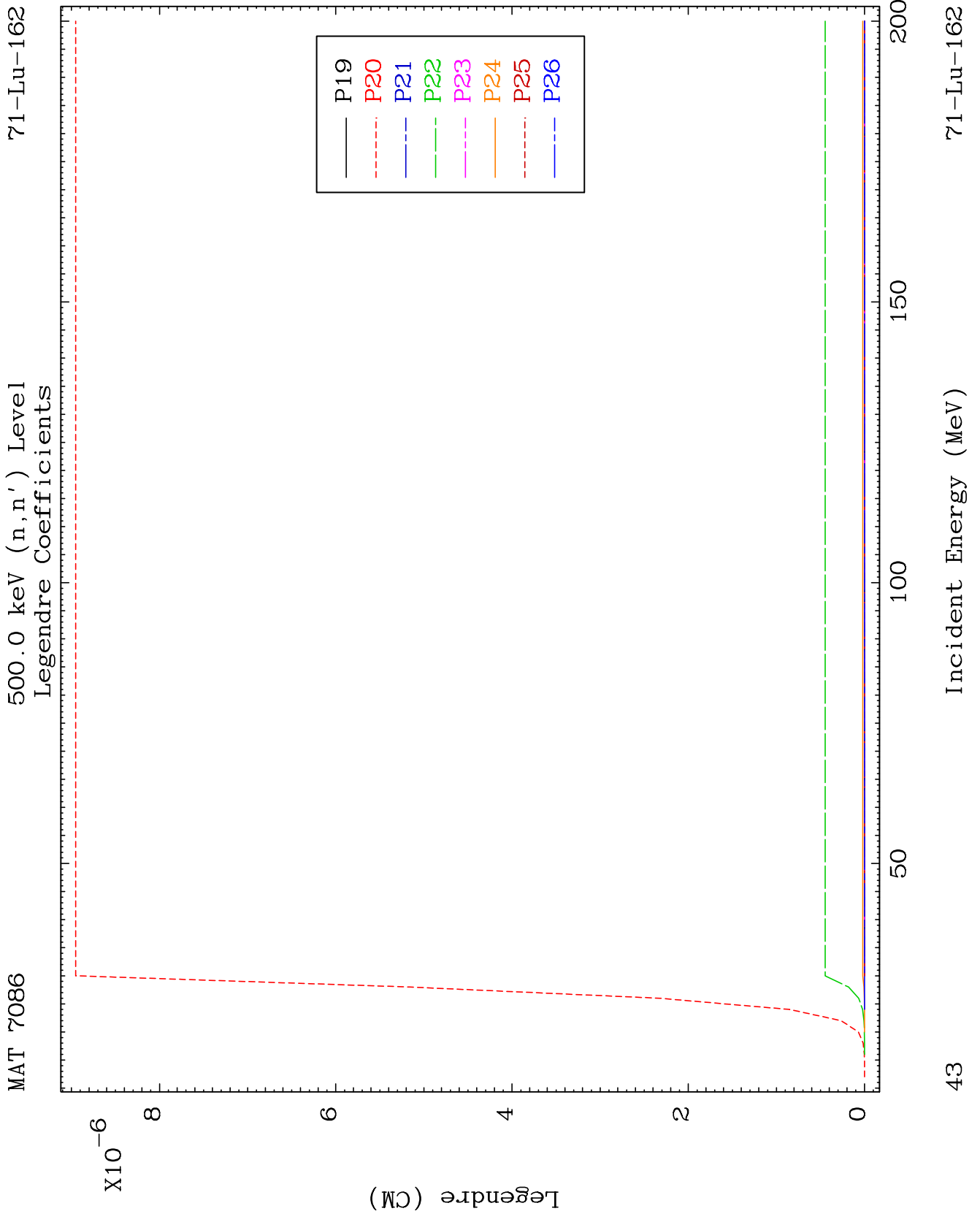
71-Lu-162



71-Lu-162

Incident Energy (MeV)

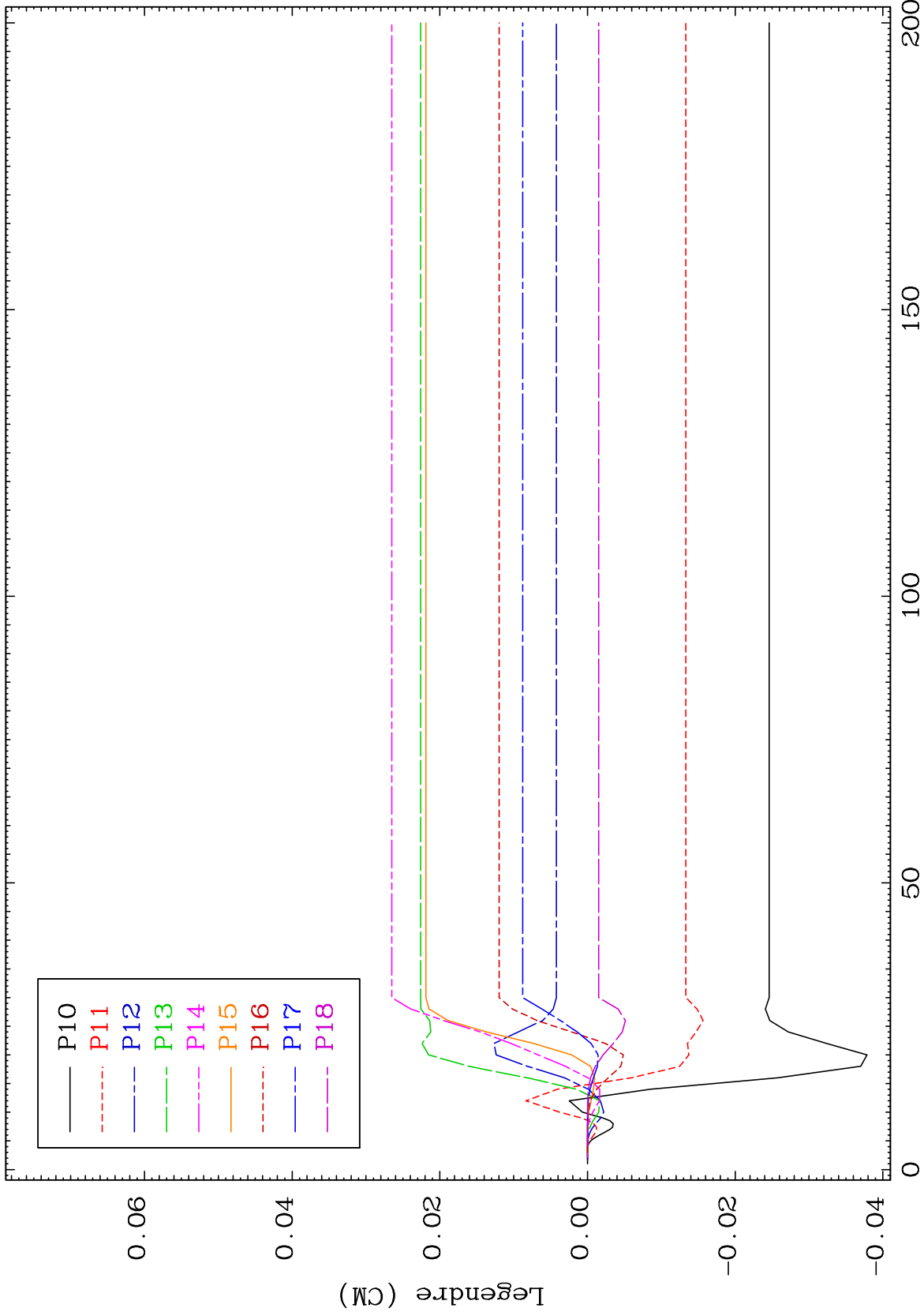
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552.8 keV (n,n') Level
Legendre Coefficients

71-Lu-162



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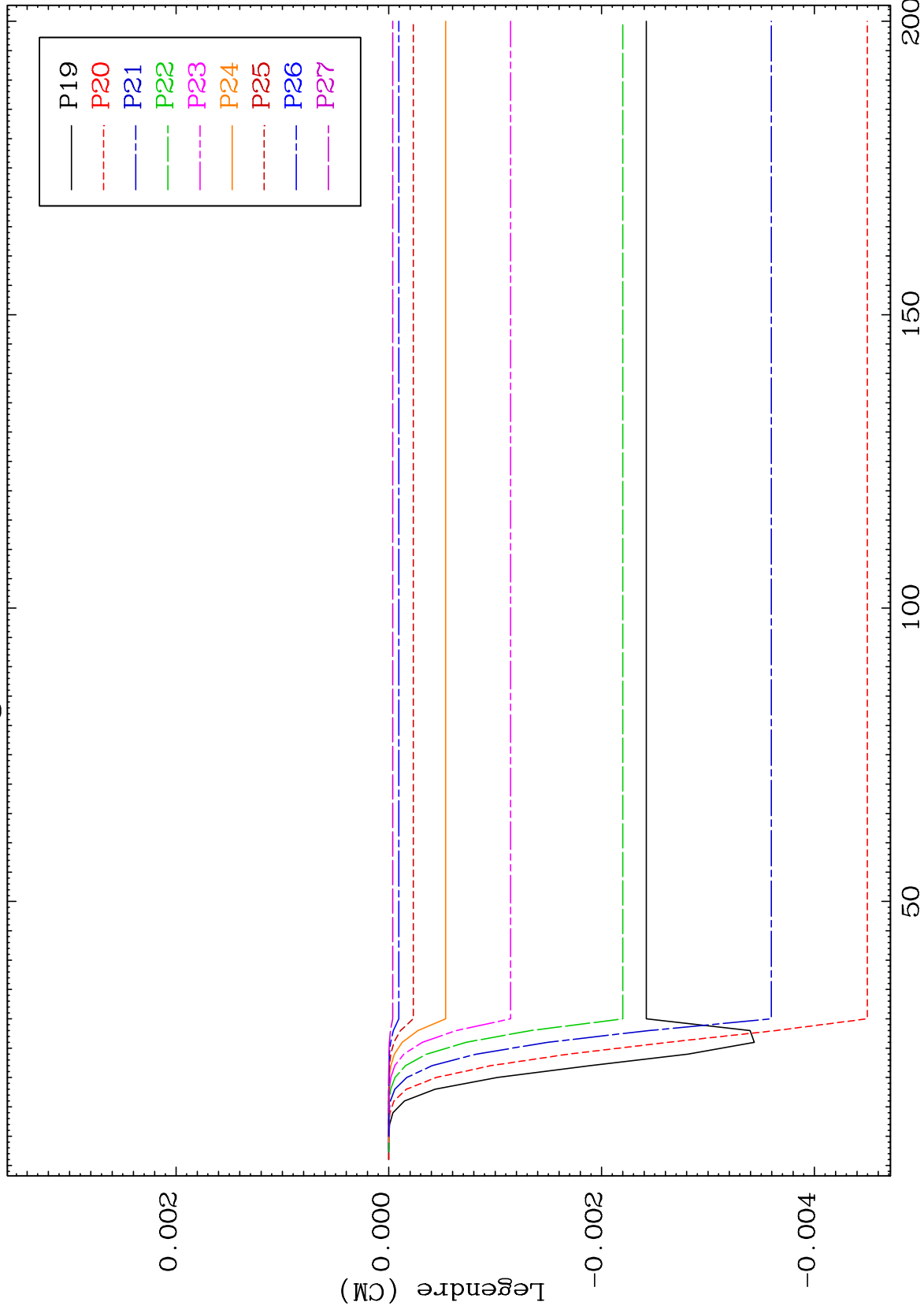
Incident Energy (MeV)

71-Lu-162

MAT 7086

552.8 keV (n,n') Level
Legendre Coefficients

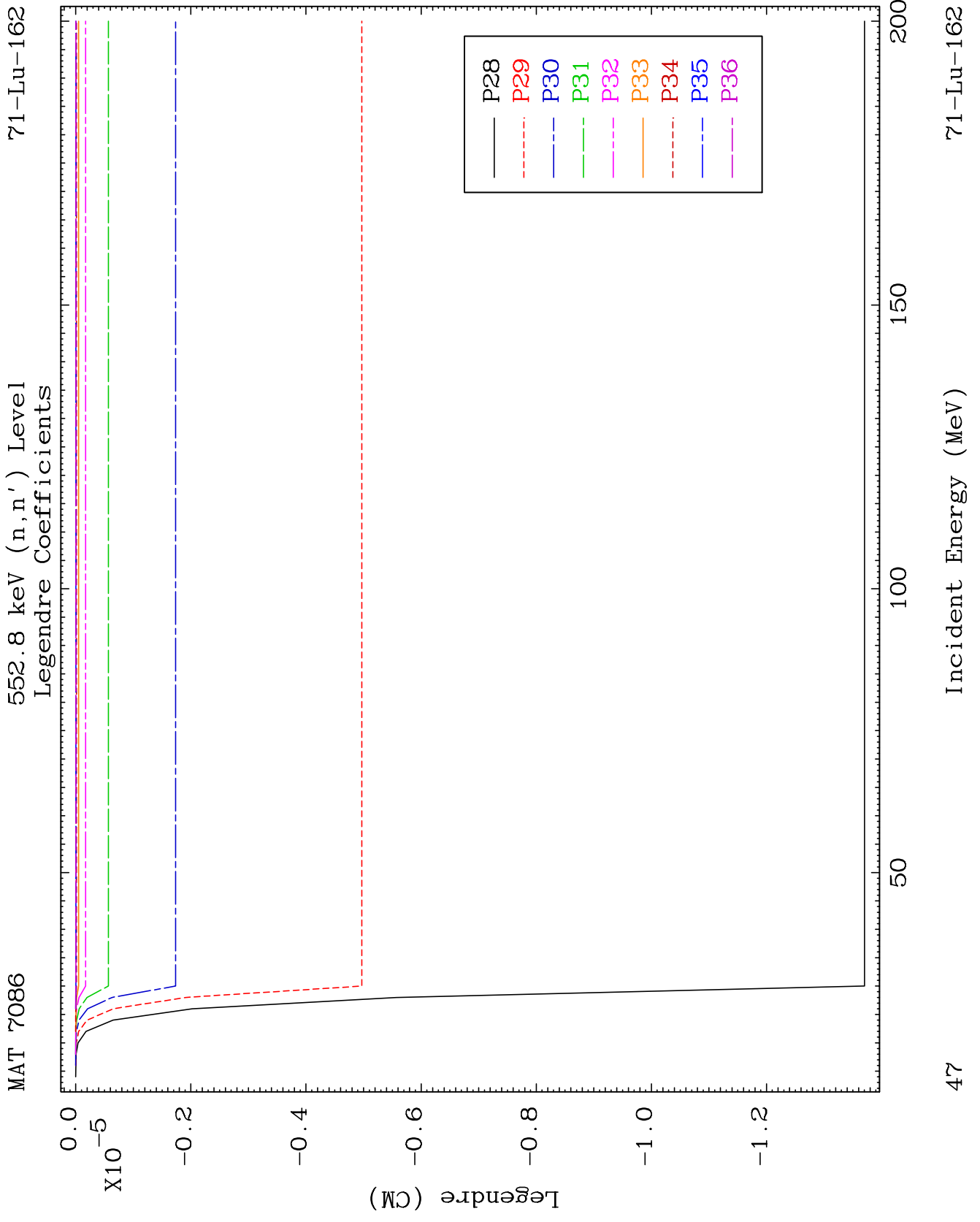
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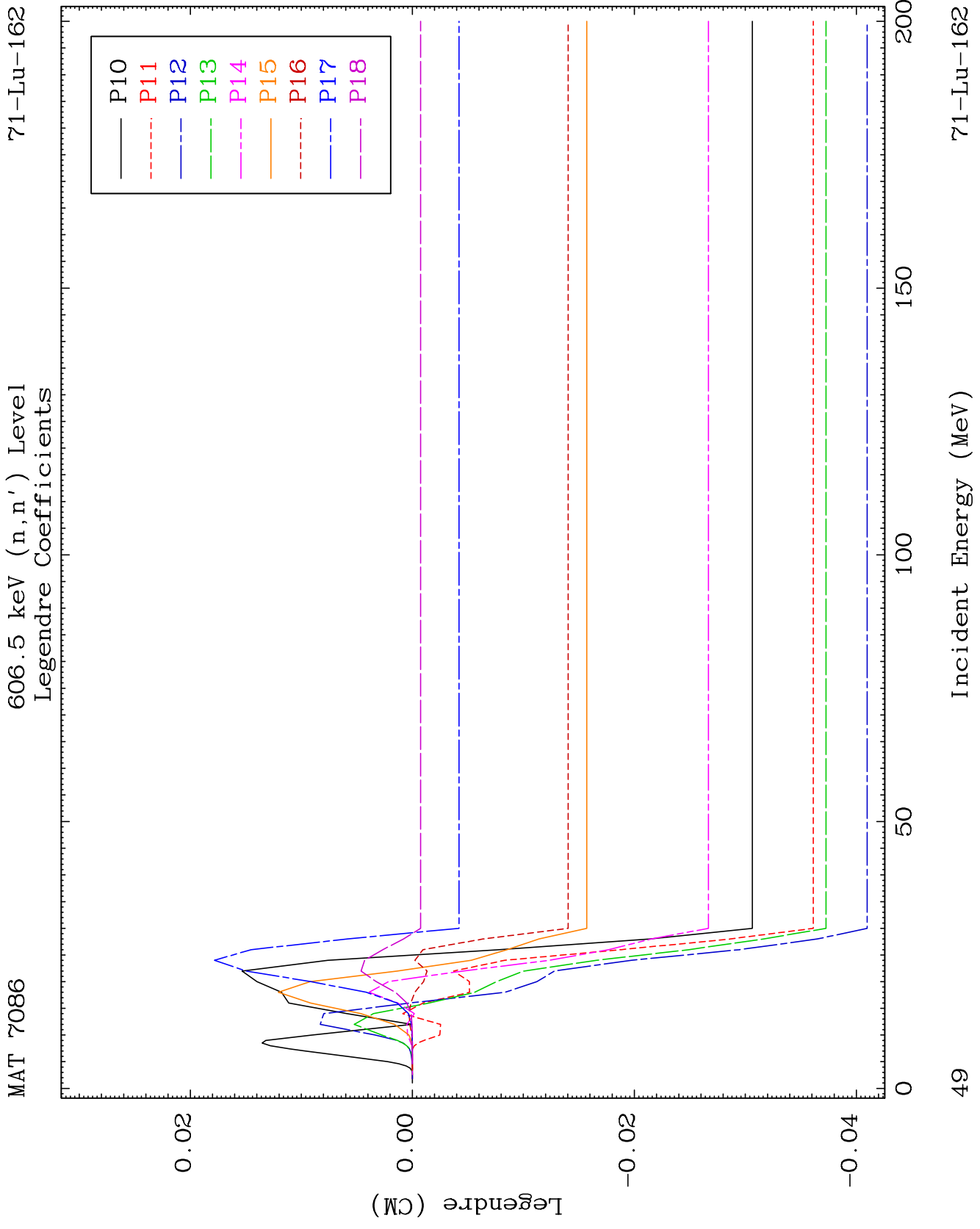


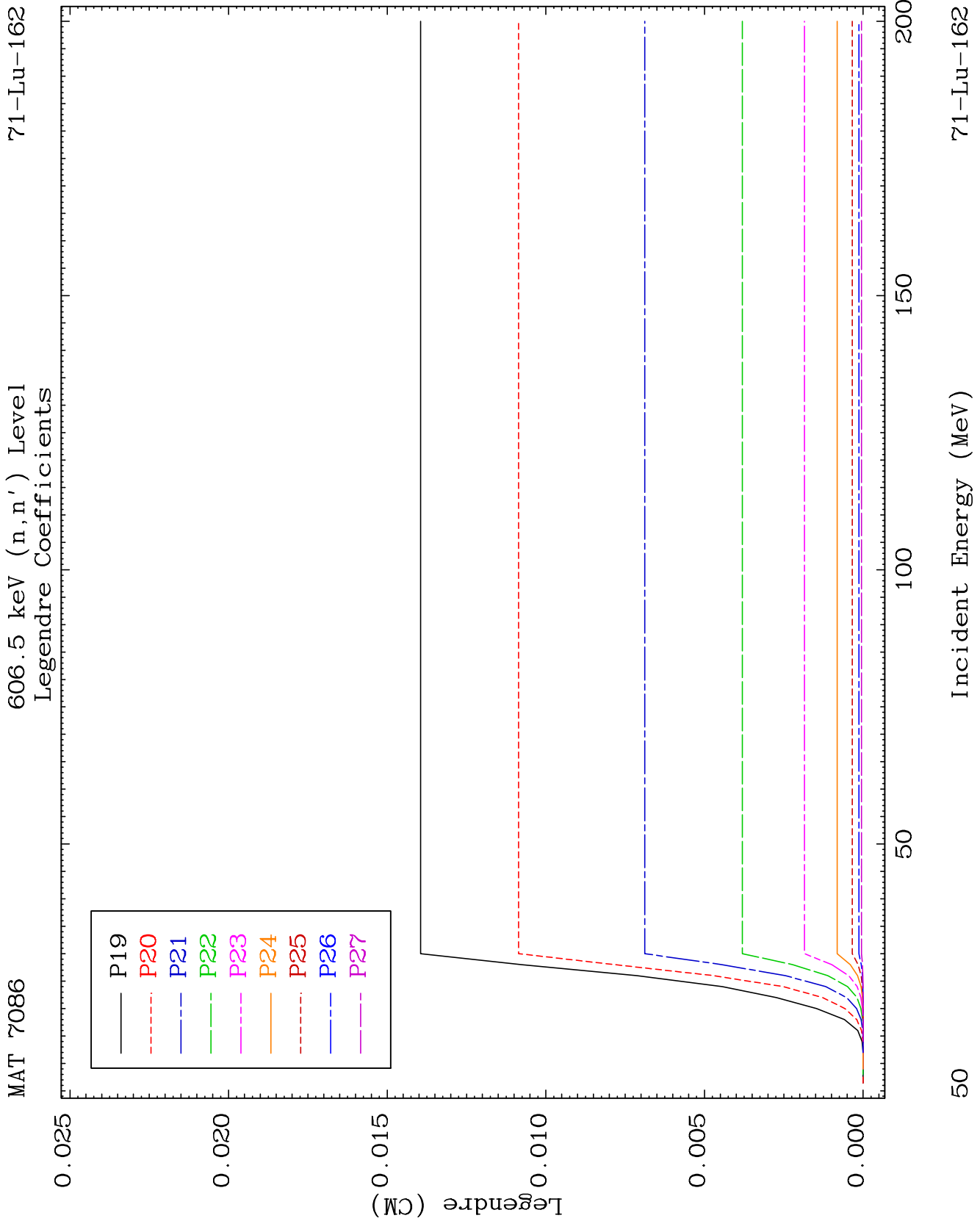
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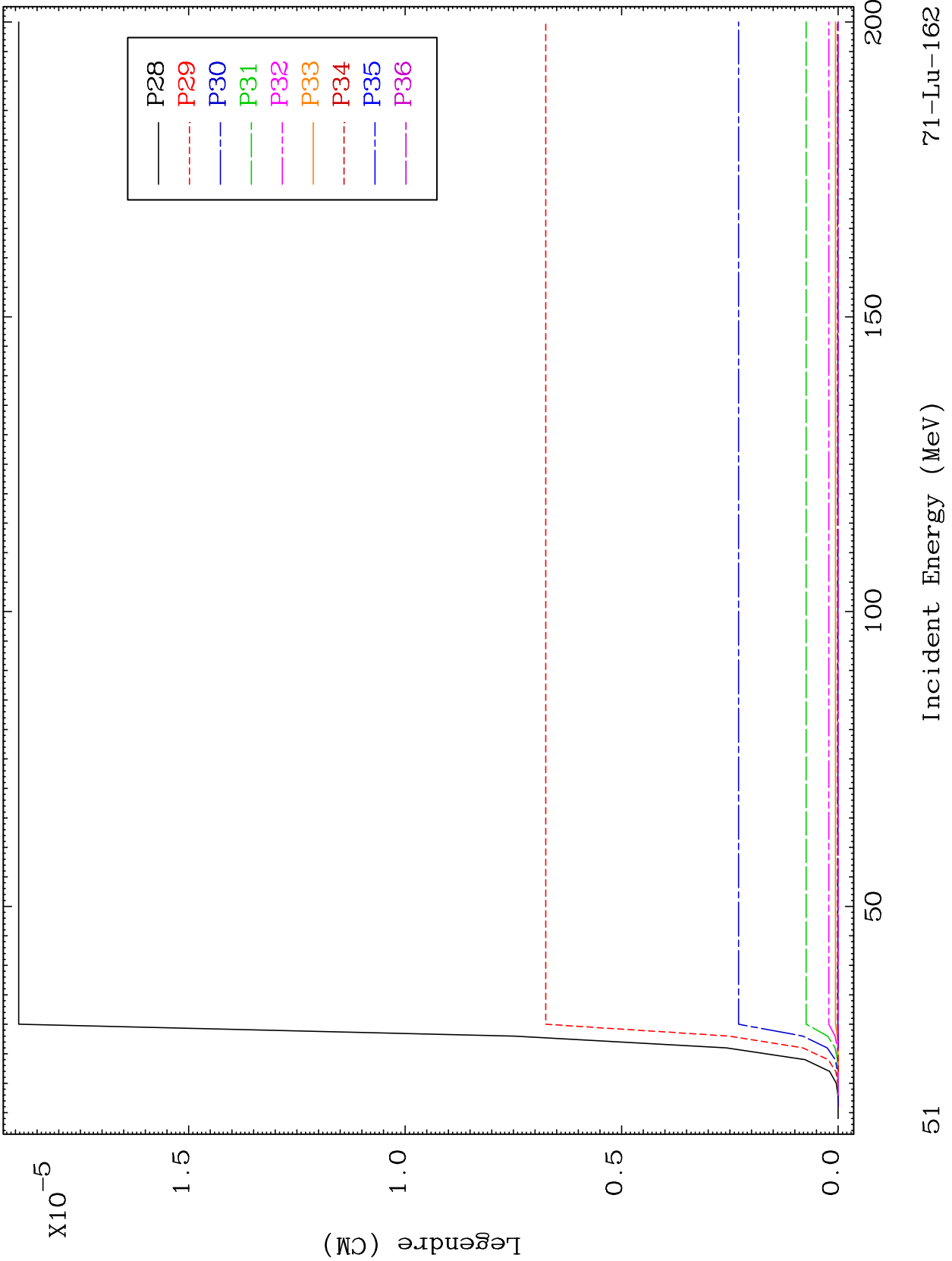
Incident Energy (MeV)

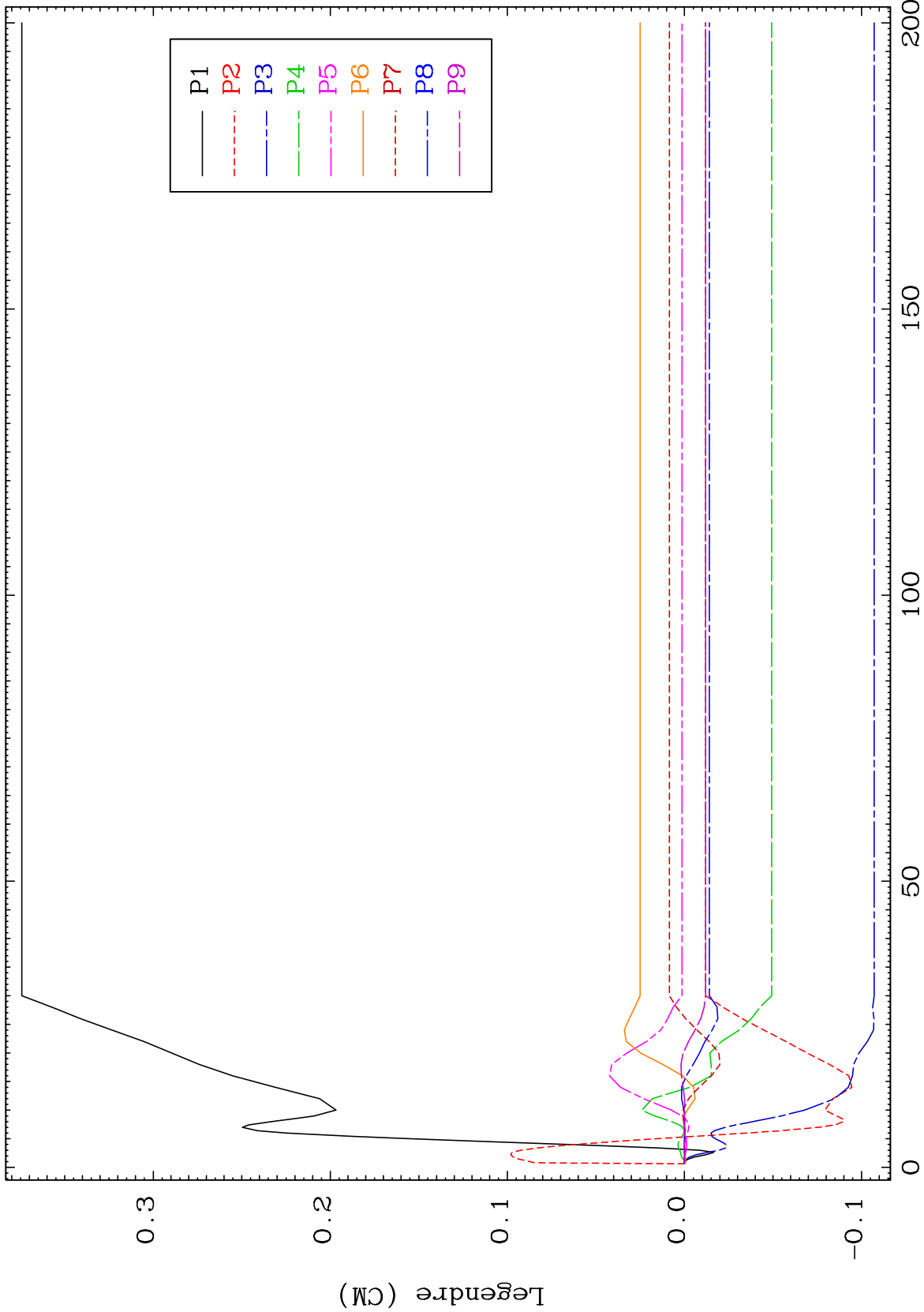
71-Lu-162







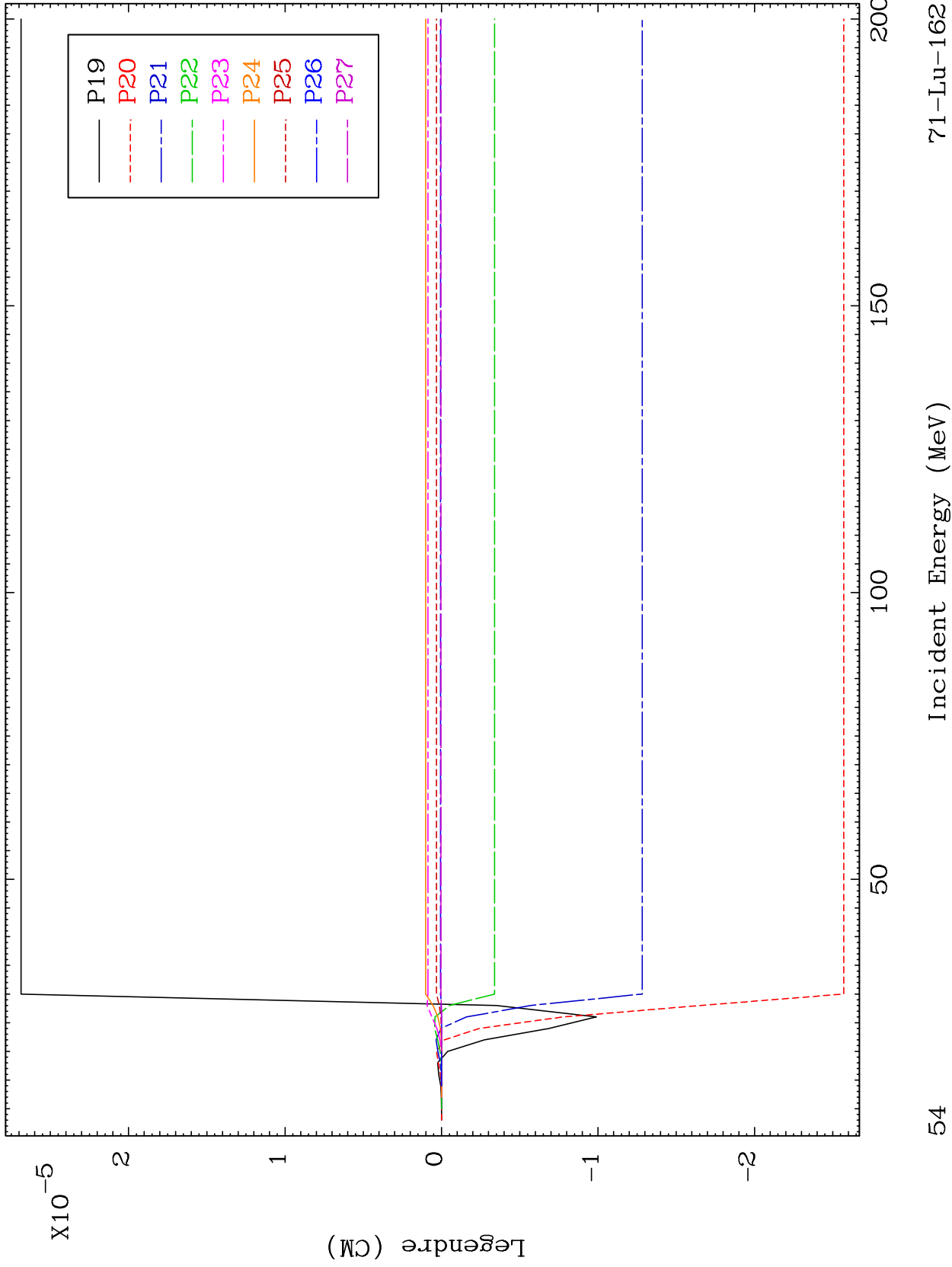




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613.1 keV (n,n') Level
Legendre Coefficients

71-Lu-162



54

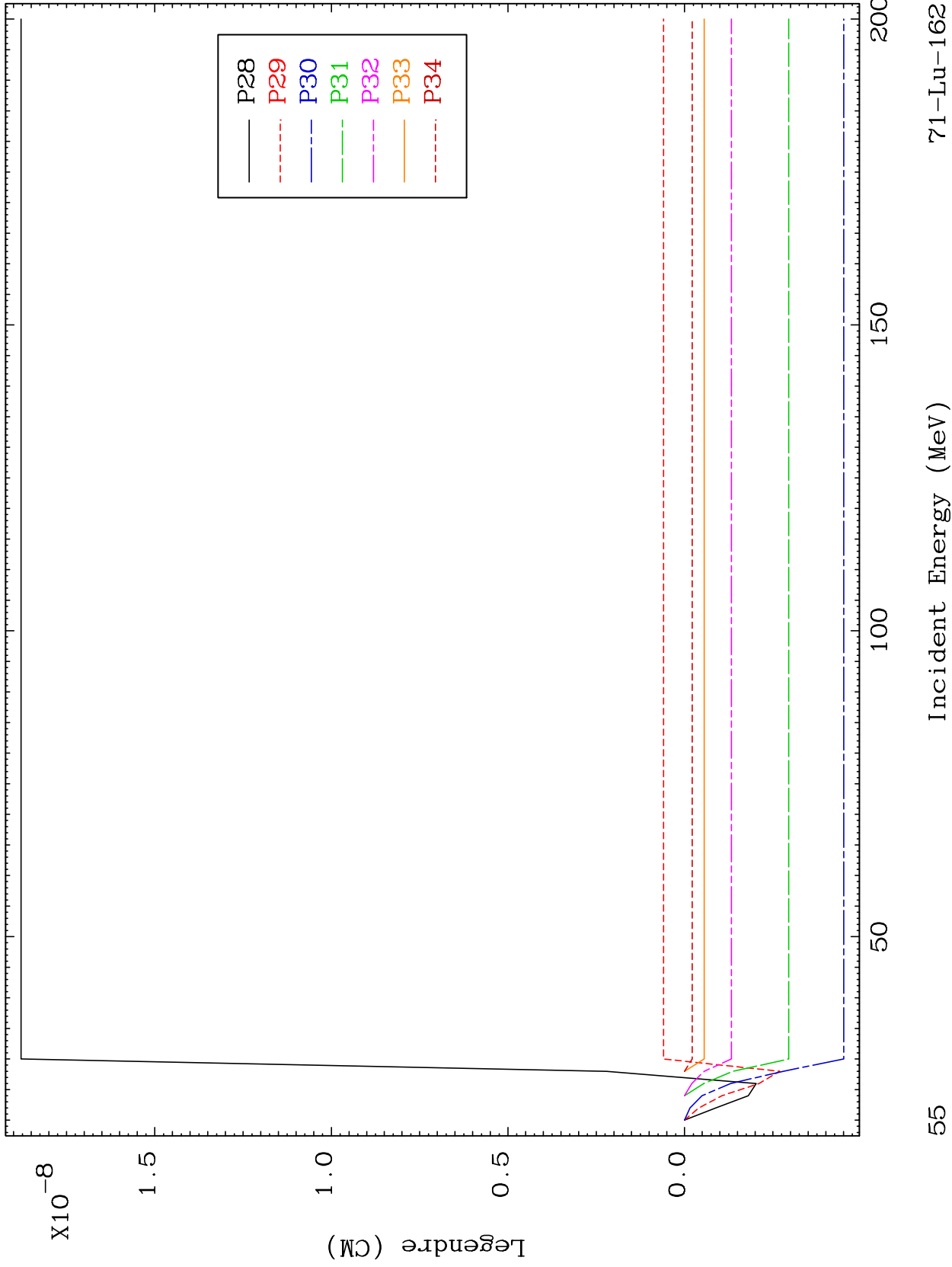
Incident Energy (MeV)

71-Lu-162

MAT 7086

613.1 keV (n,n') Level
Legendre Coefficients

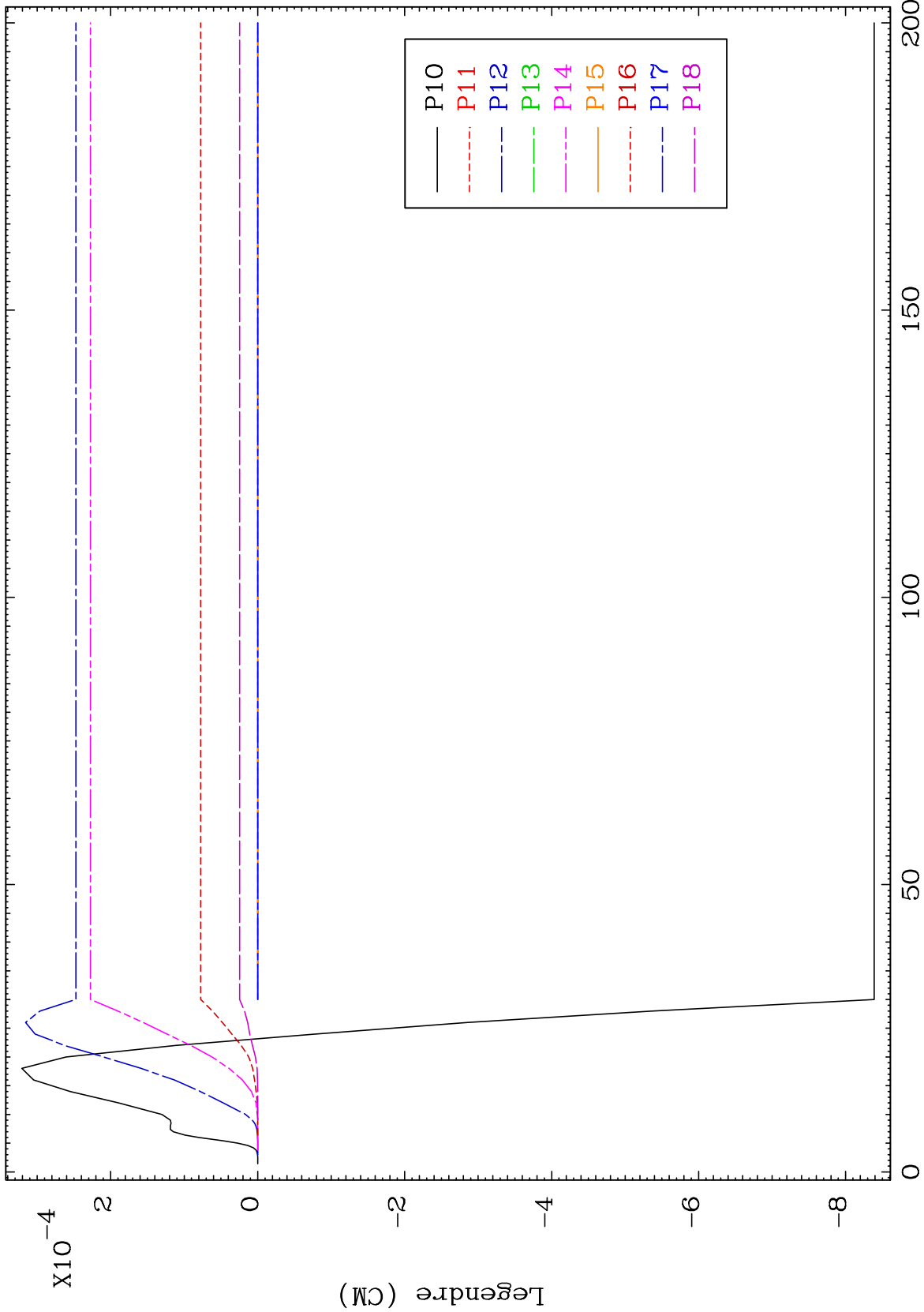
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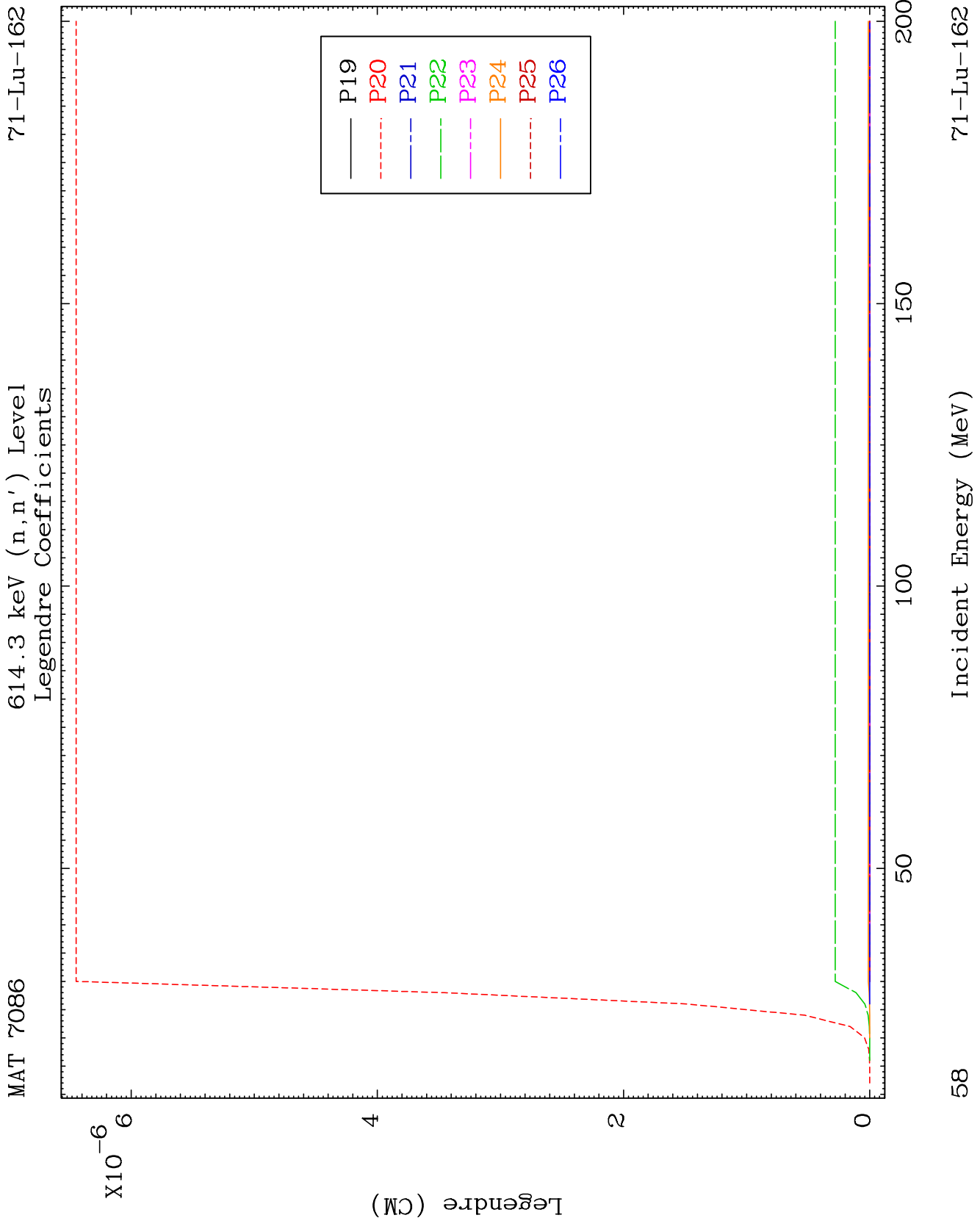


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Incident Energy (MeV)

71-Lu-162

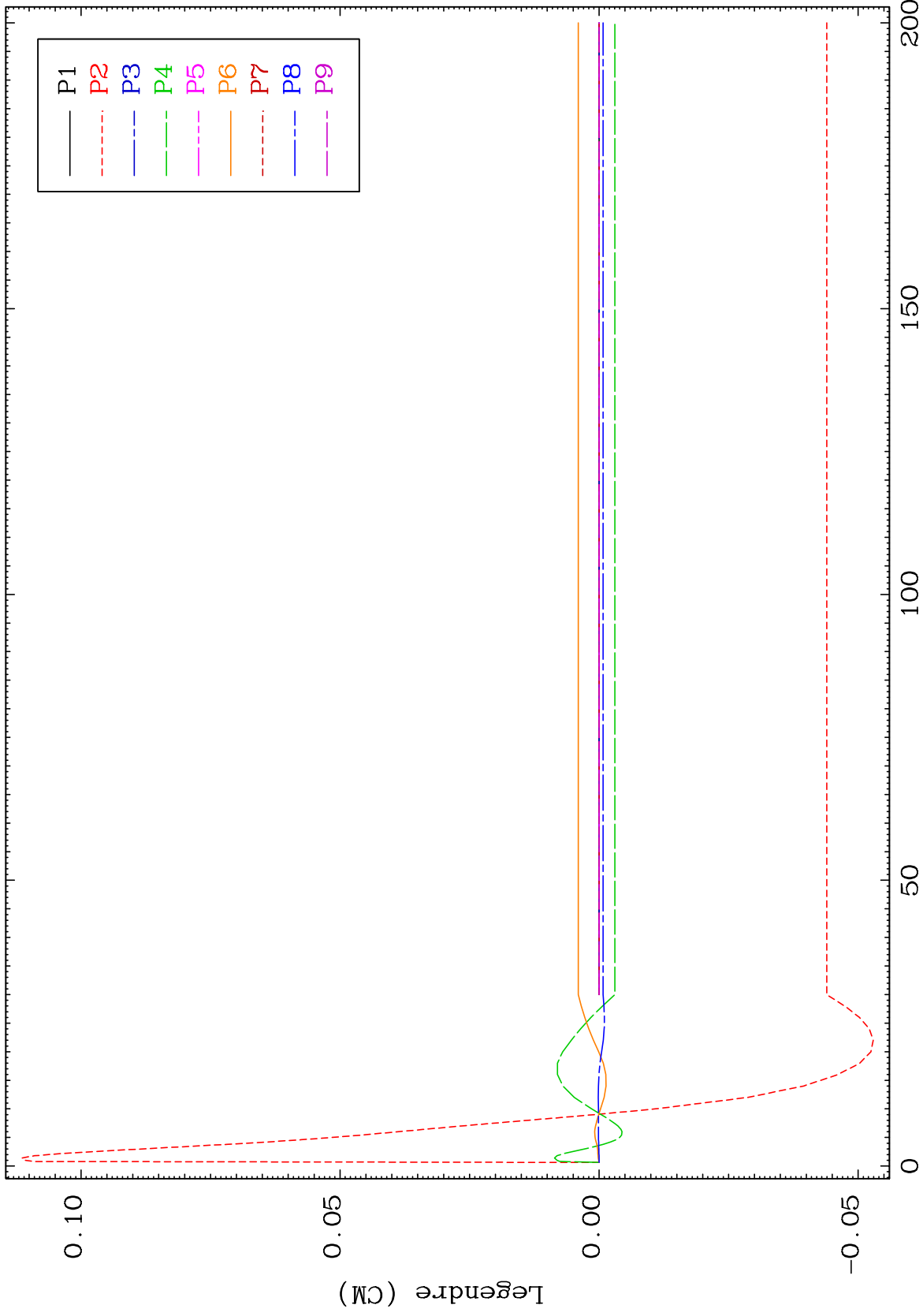




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618.4 keV (n,n') Level
Legendre Coefficients

71-Lu-162



59

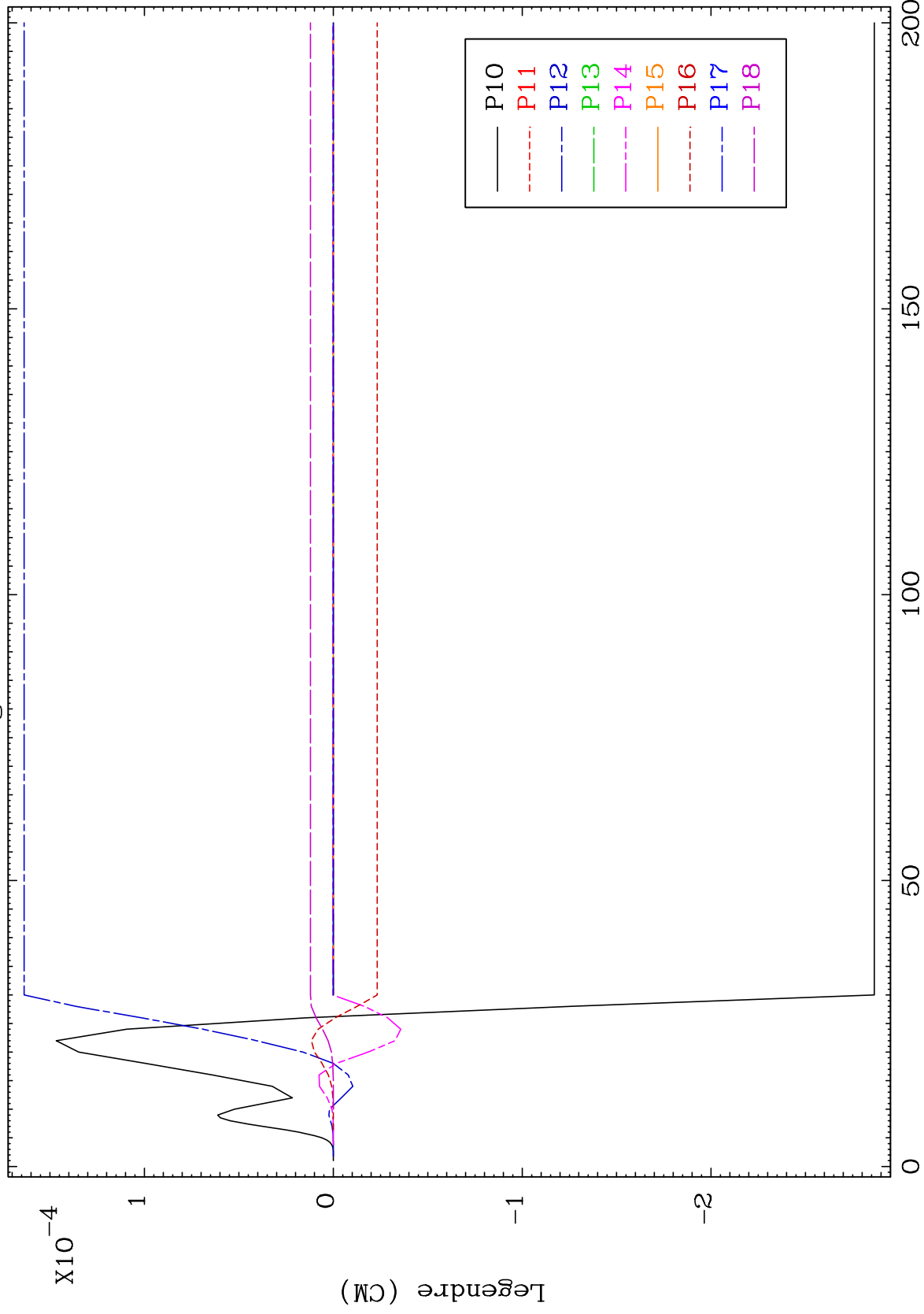
Incident Energy (MeV)

71-Lu-162

MAT 7086

618.4 keV (n, n') Level
Legendre Coefficients

71-Lu-162



71-Lu-162

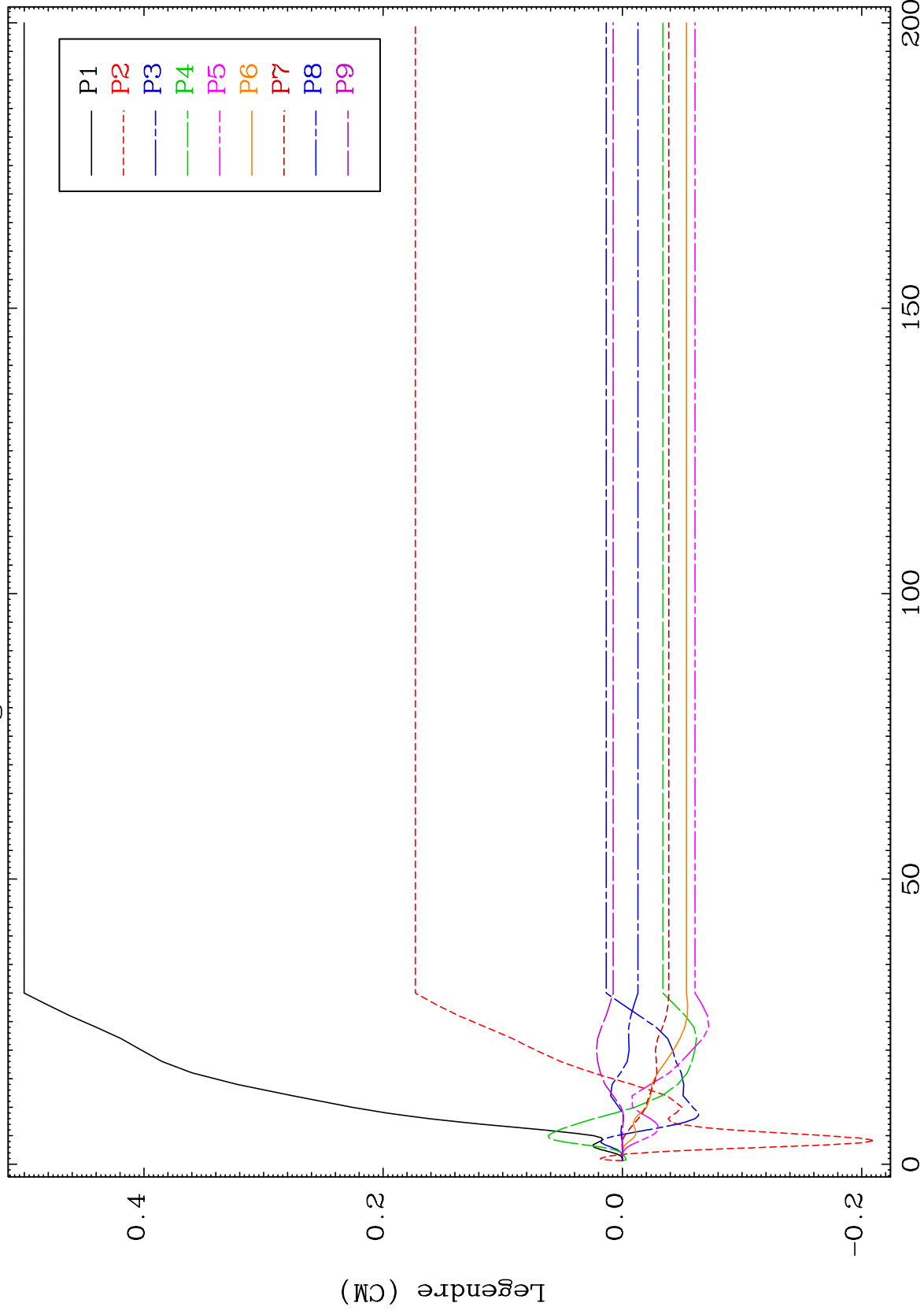
Incident Energy (MeV)

60

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621.0 keV (n,n') Level
Legendre Coefficients

71-Lu-162



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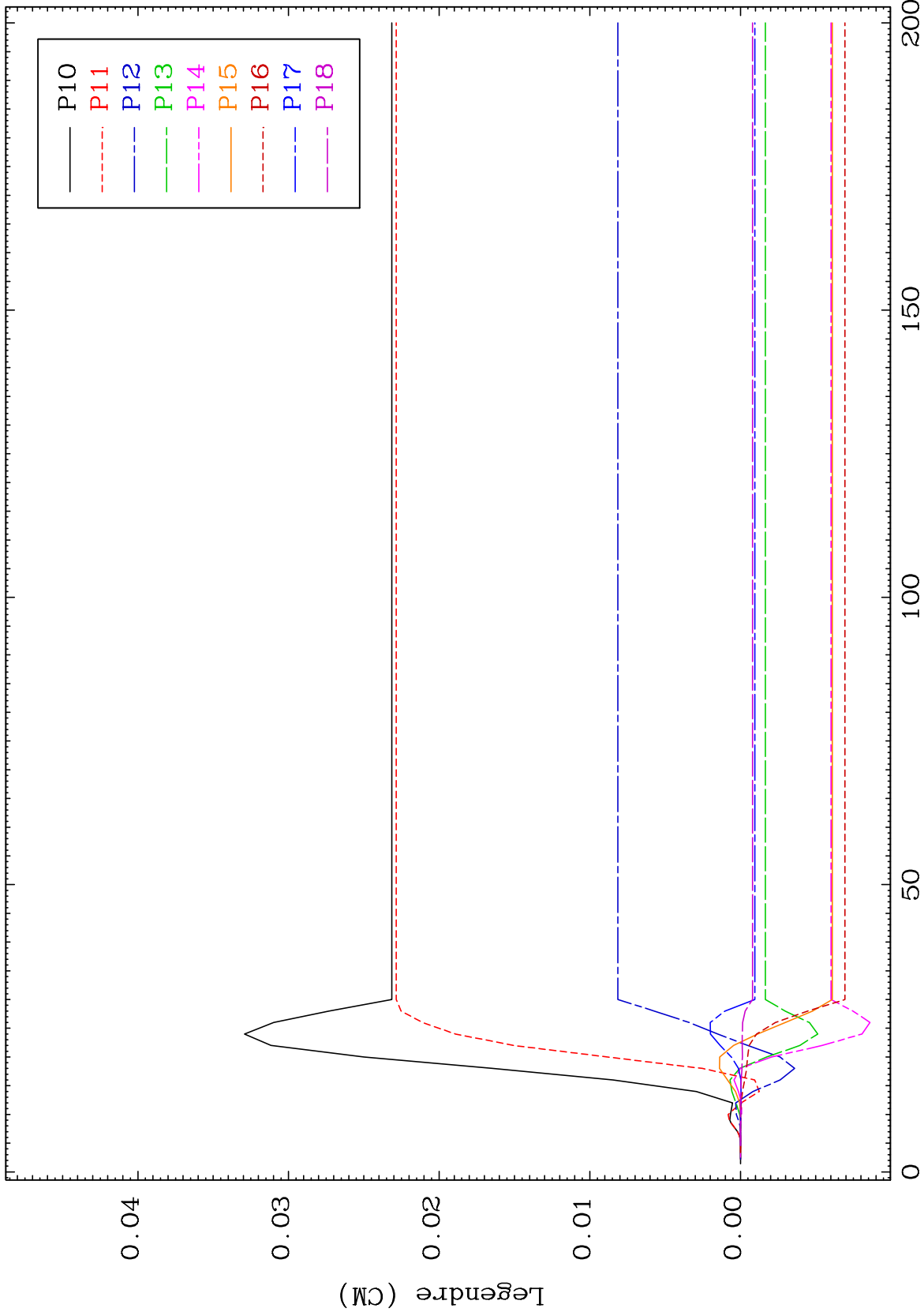
Incident Energy (MeV)

71-Lu-162

MAT 7086

621.0 keV (n,n') Level
Legendre Coefficients

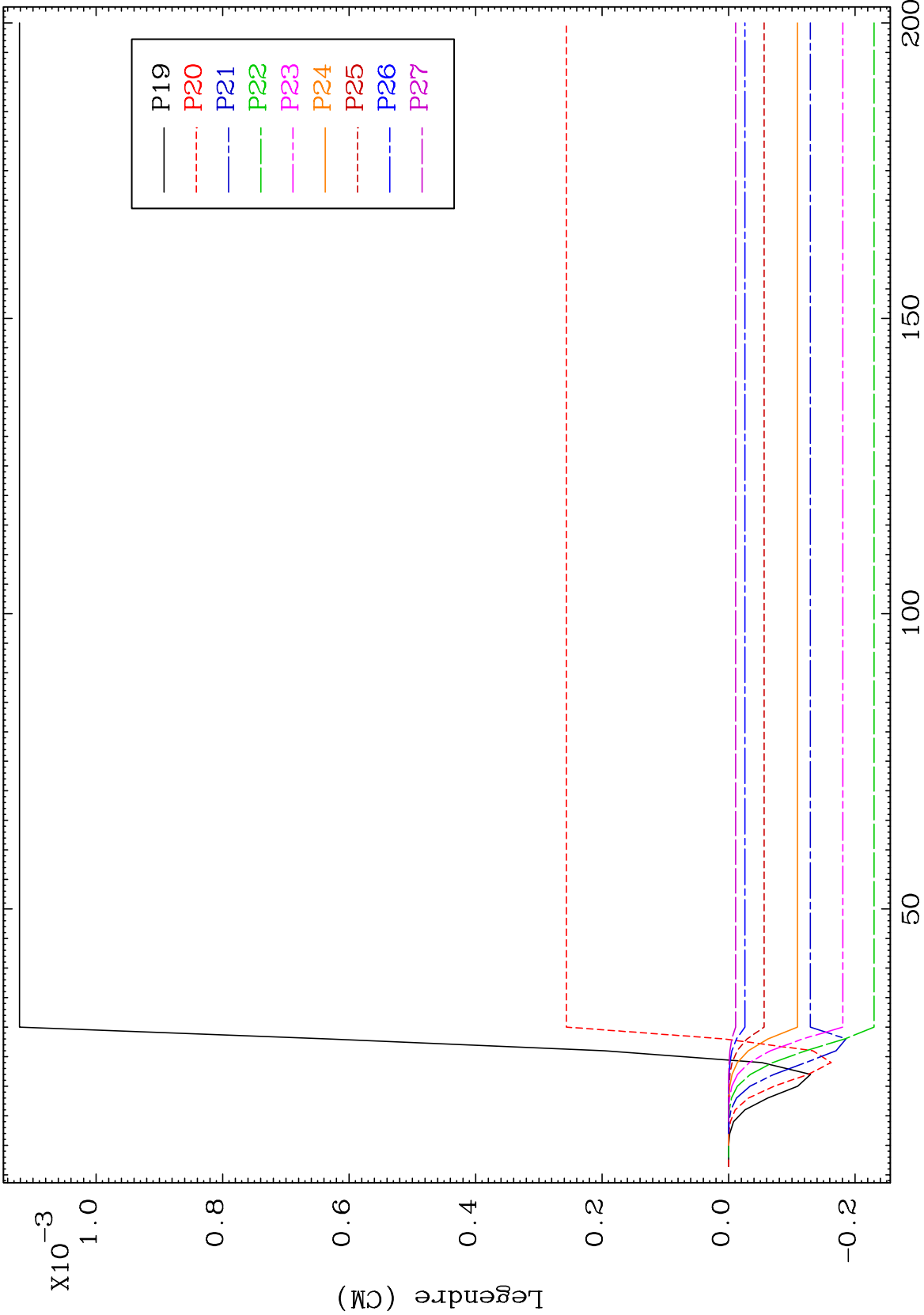
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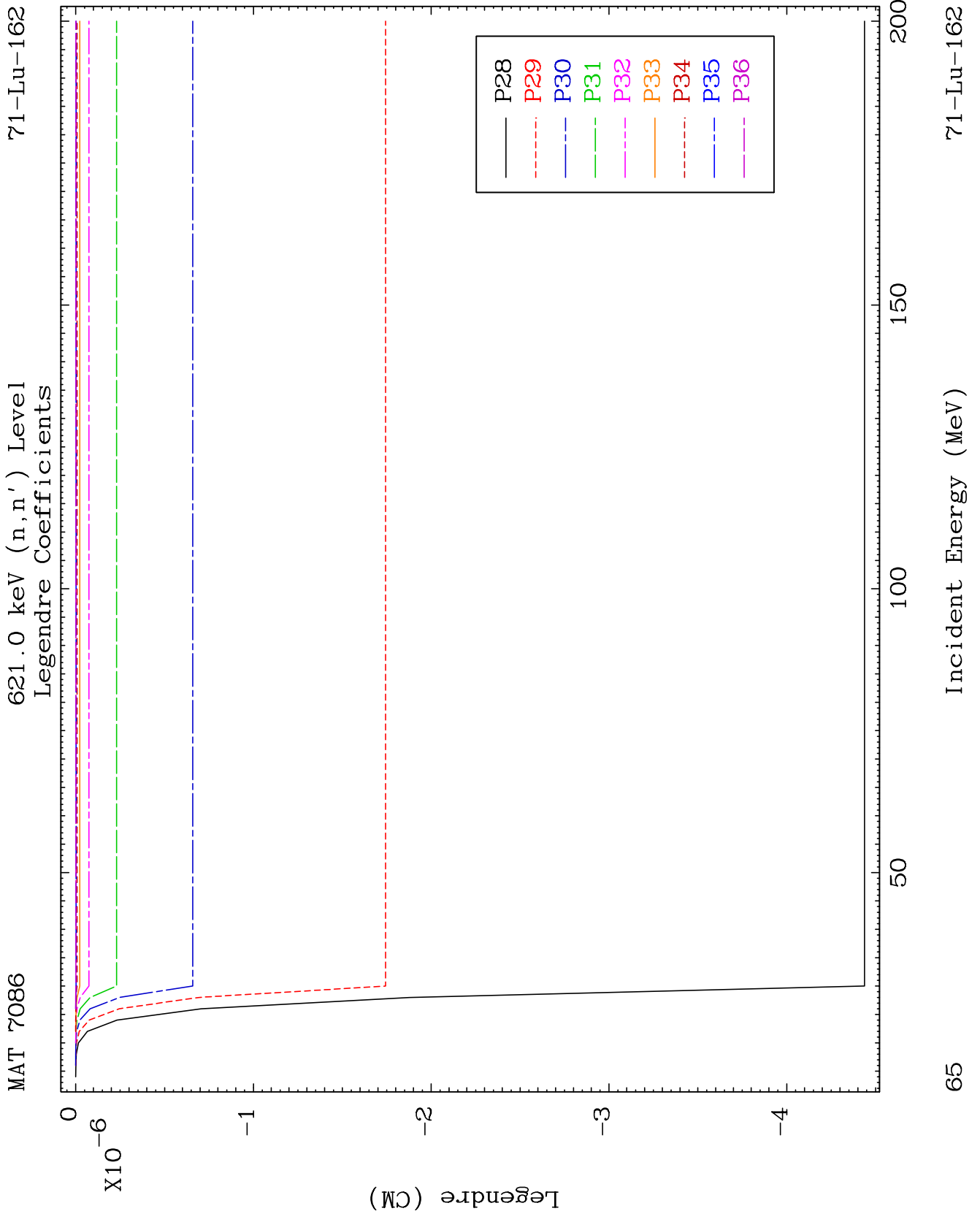


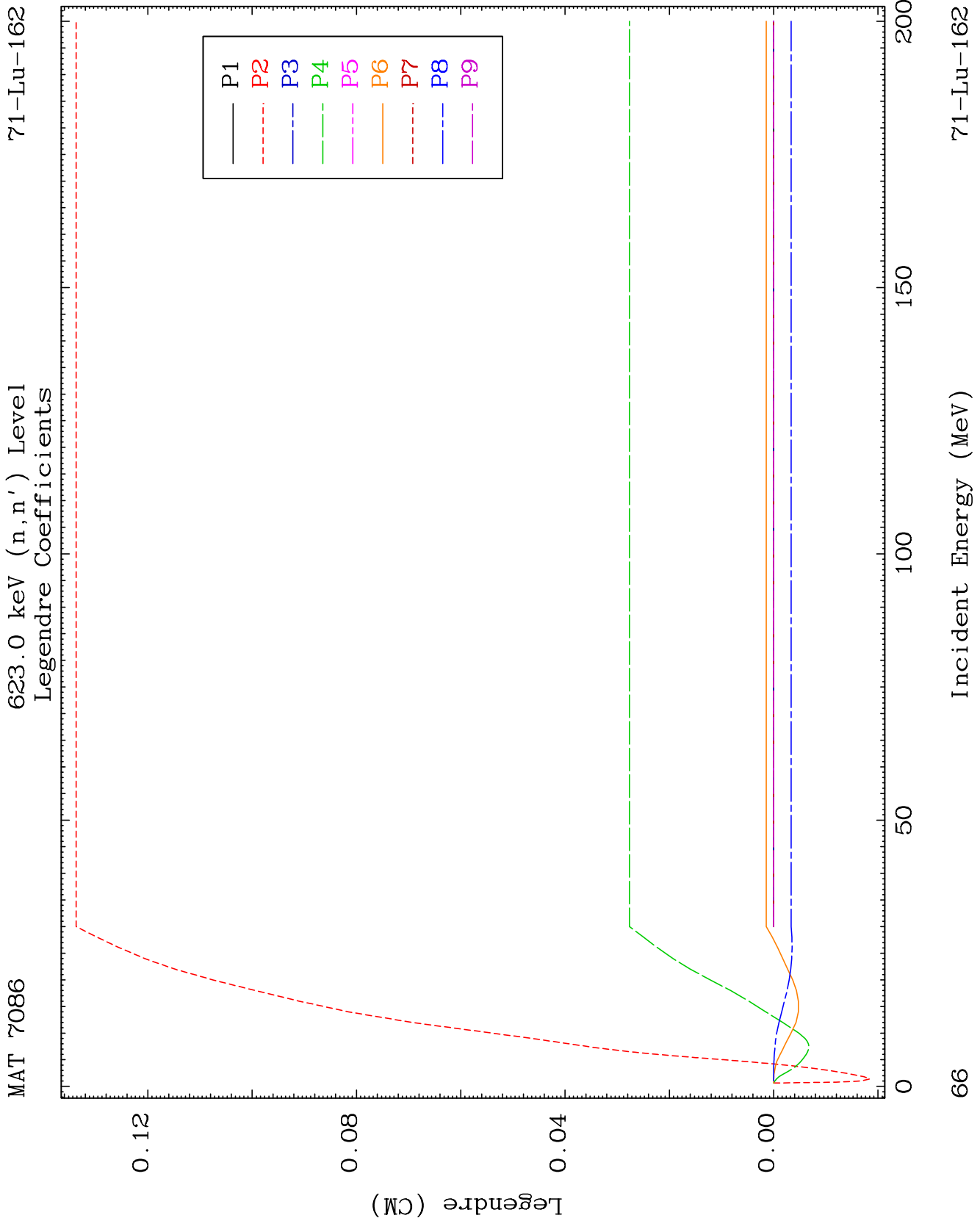
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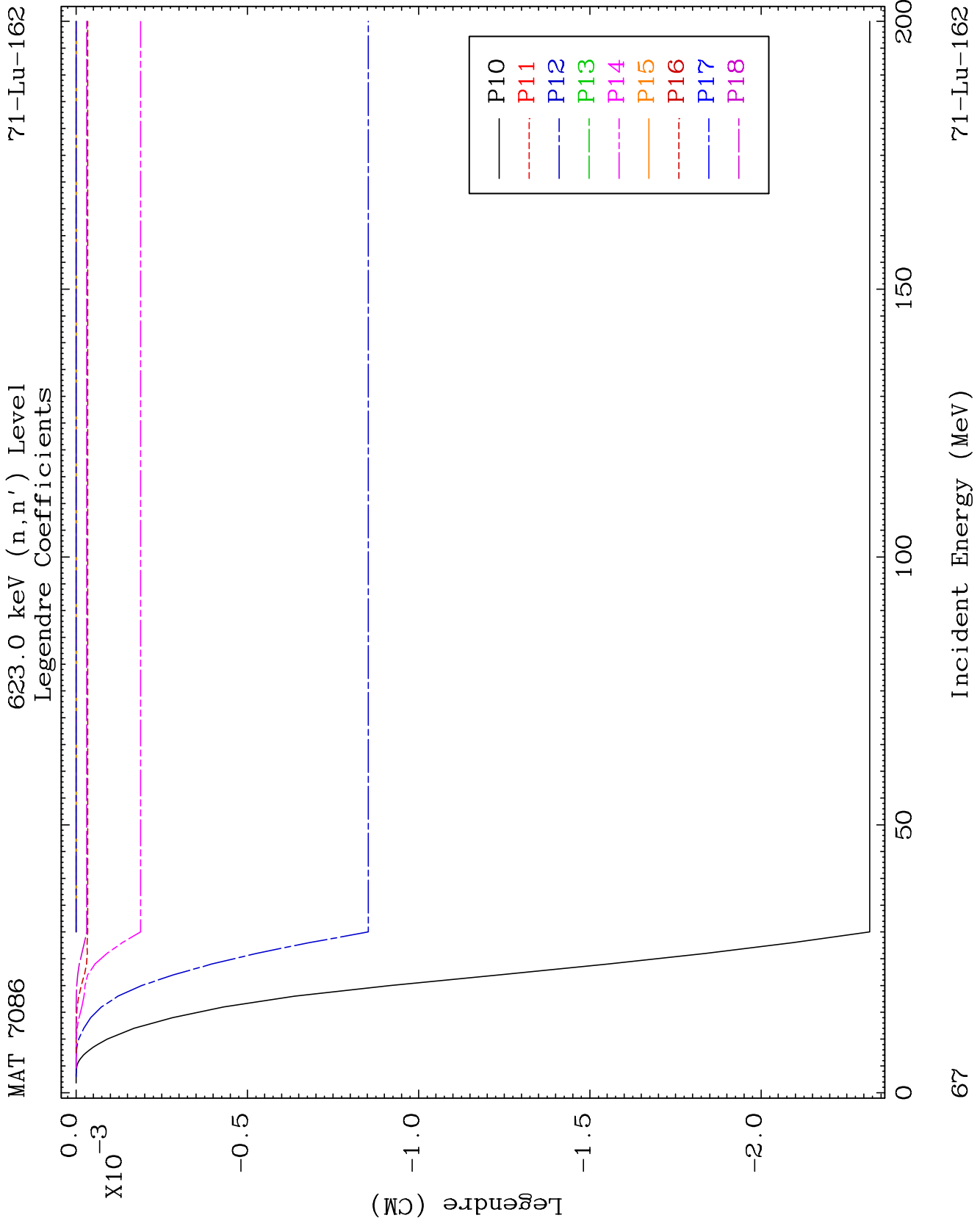
Incident Energy (MeV)

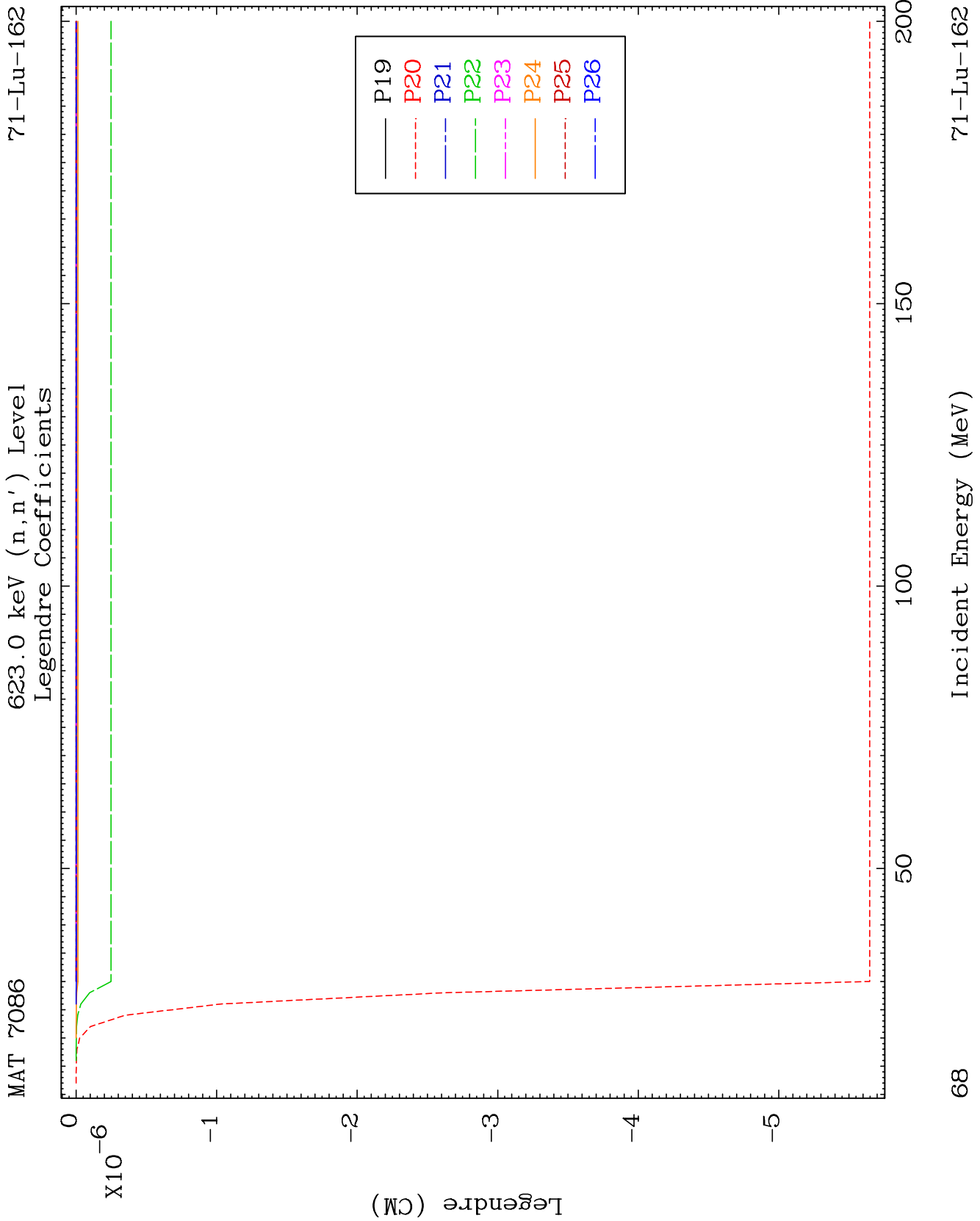
71-Lu-162







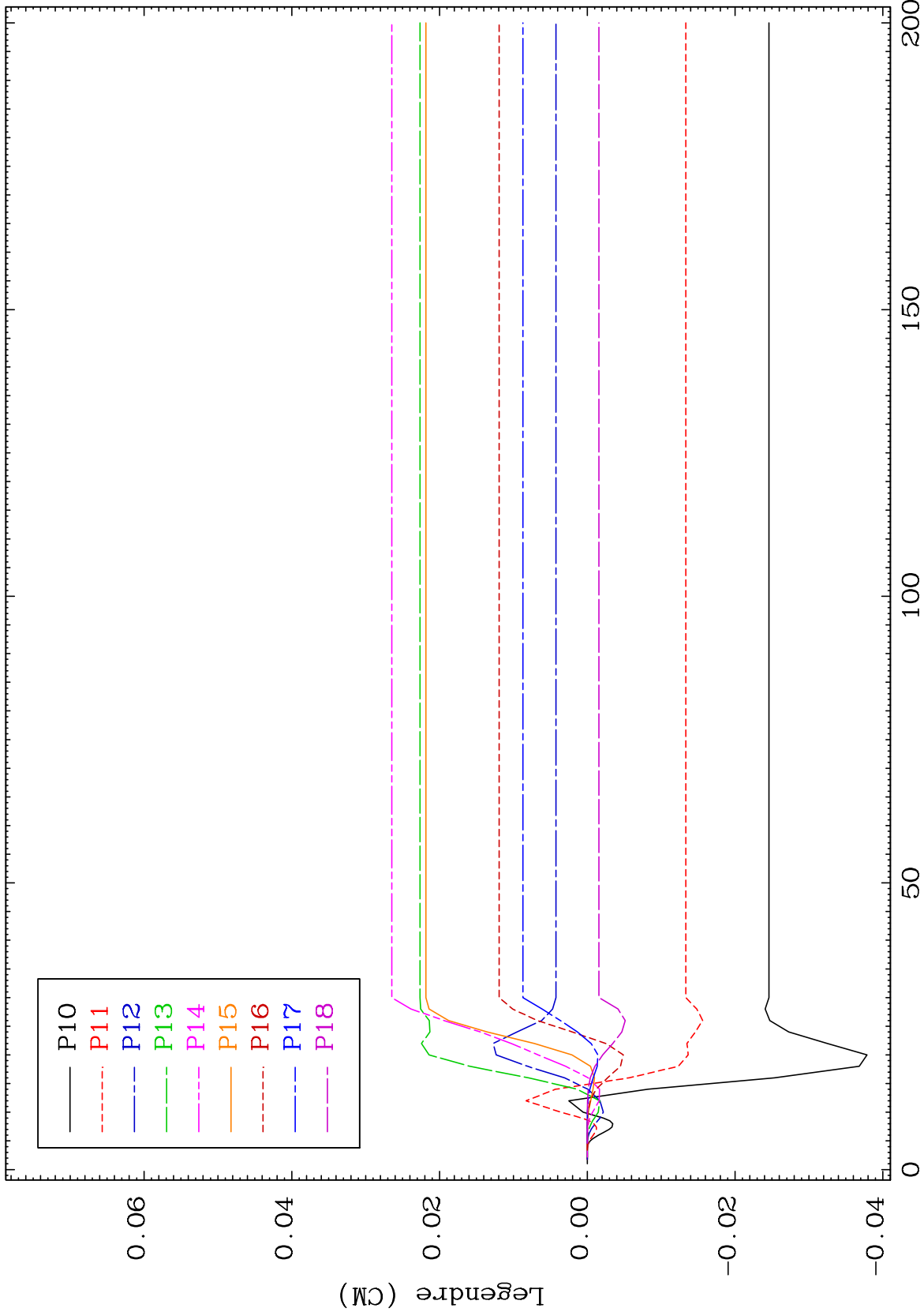




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628.7 keV (n,n') Level
Legendre Coefficients

71-Lu-162



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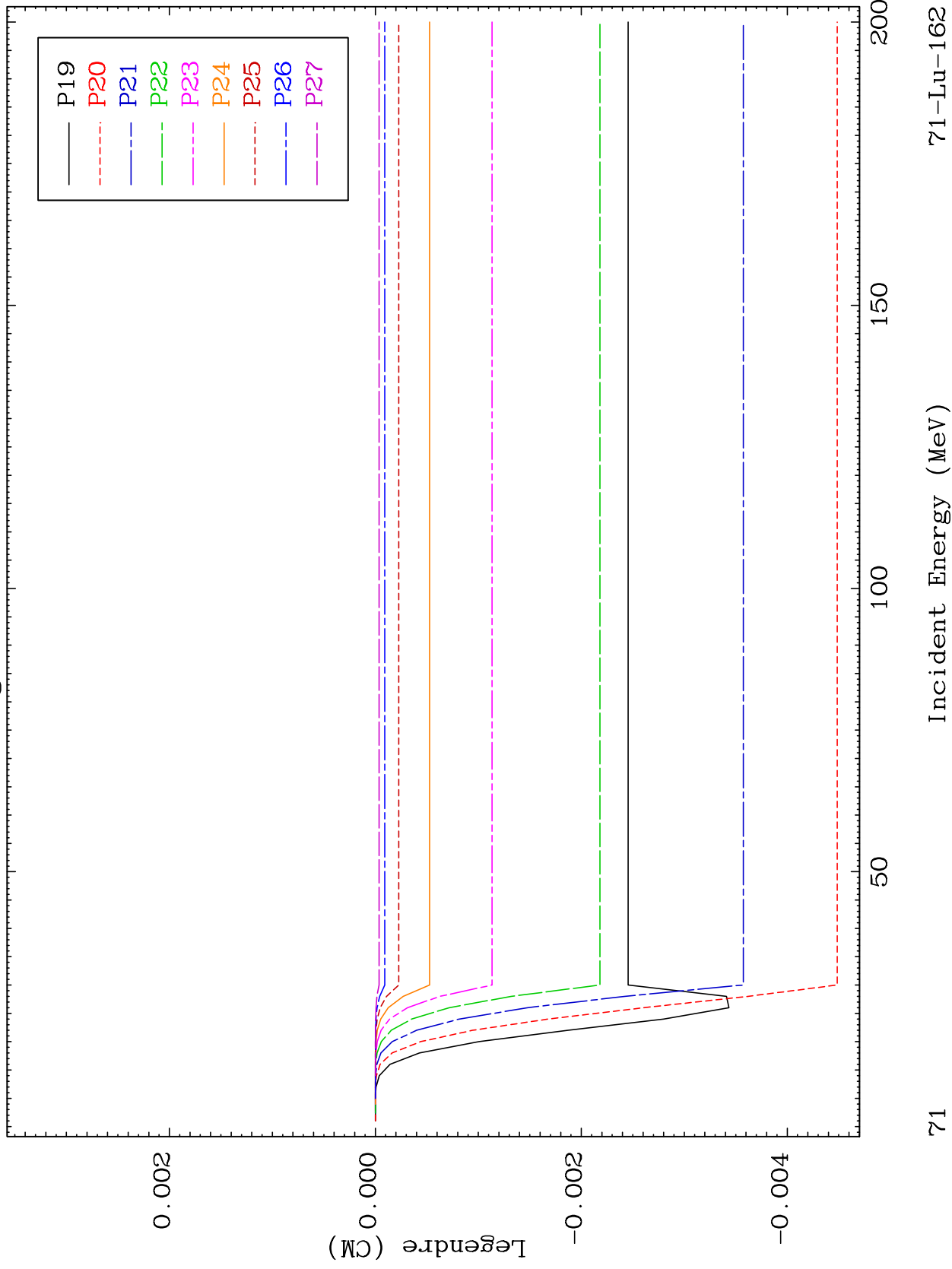
Incident Energy (MeV)

71-Lu-162

MAT 7086

628.7 keV (n,n') Level
Legendre Coefficients

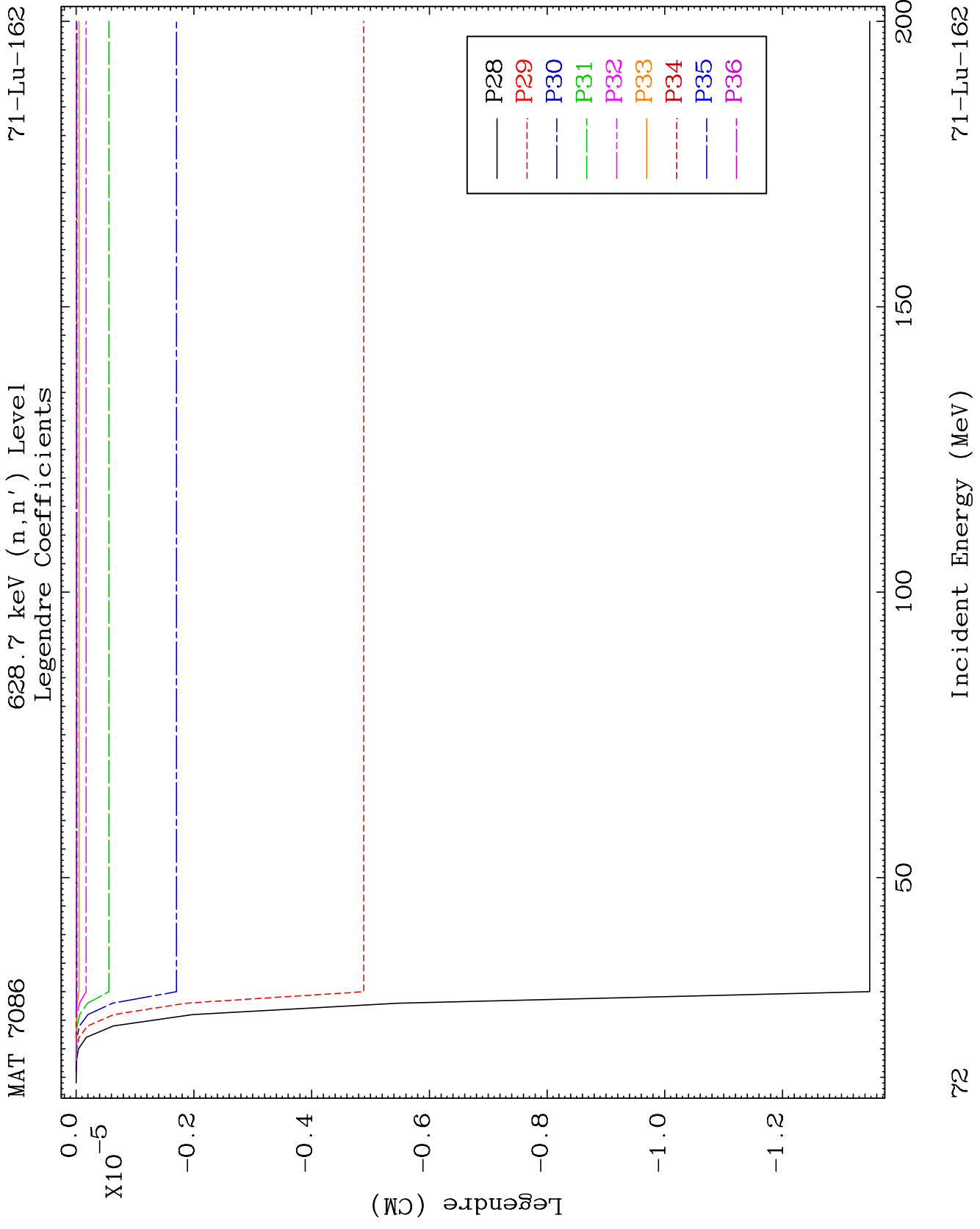
71-Lu-162



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Incident Energy (MeV)

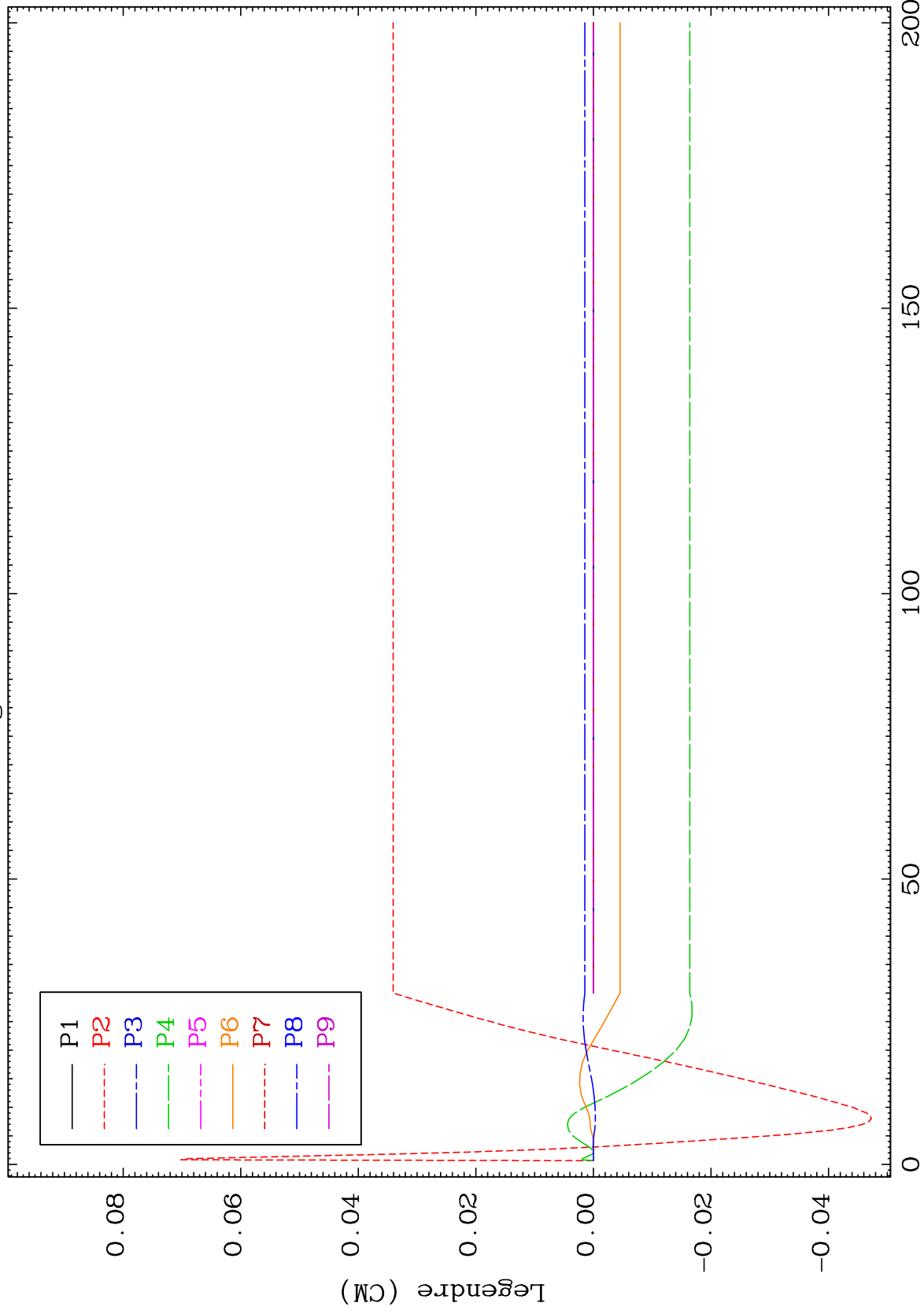
71-Lu-162



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633.4 keV (n,n') Level
Legendre Coefficients

71-Lu-162



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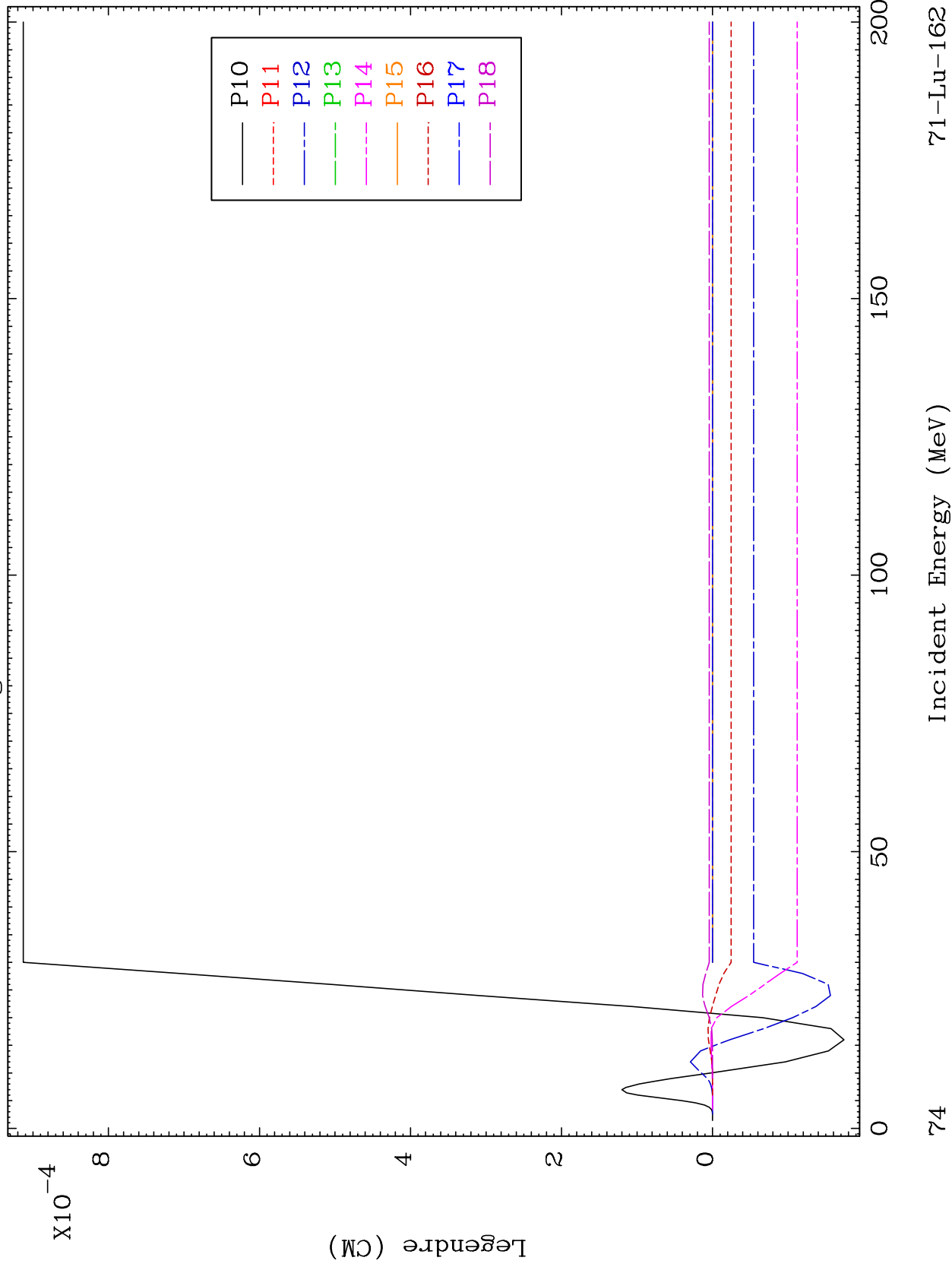
Incident Energy (MeV)

71-Lu-162

MAT 7086

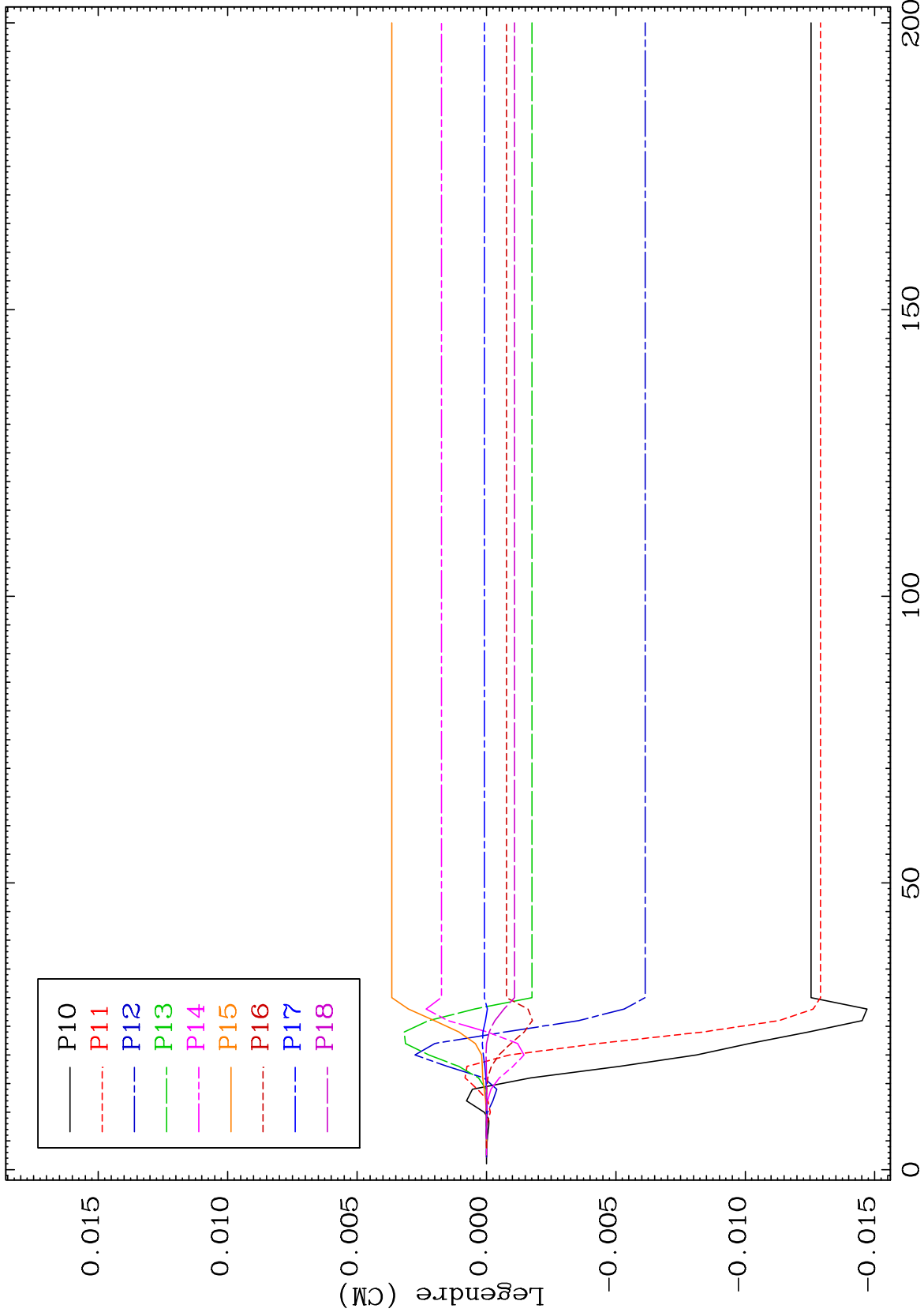
633.4 keV (n, n') Level
Legendre Coefficients

71-Lu-162



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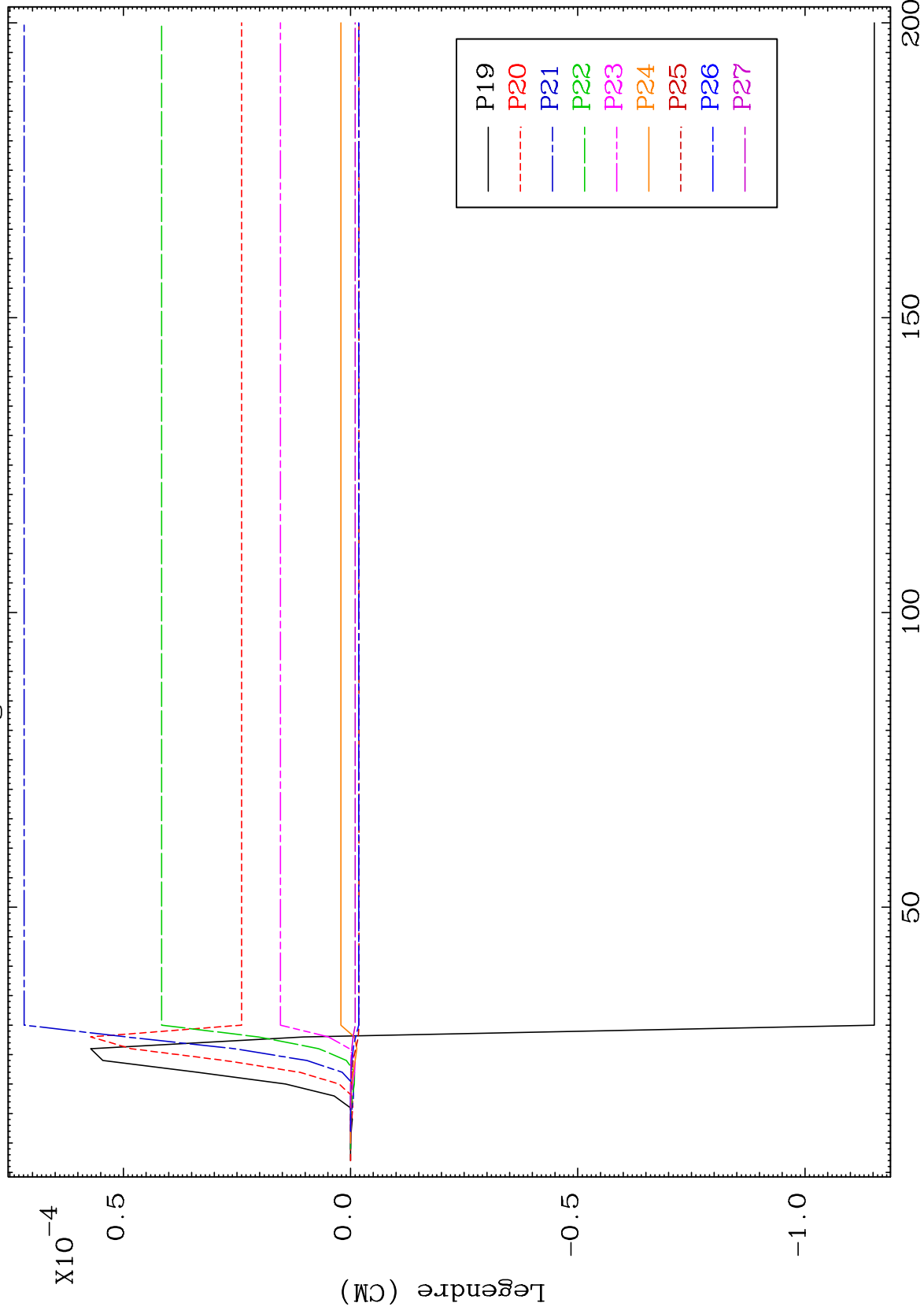
71-Lu-162



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641.7 keV (n,n') Level
Legendre Coefficients

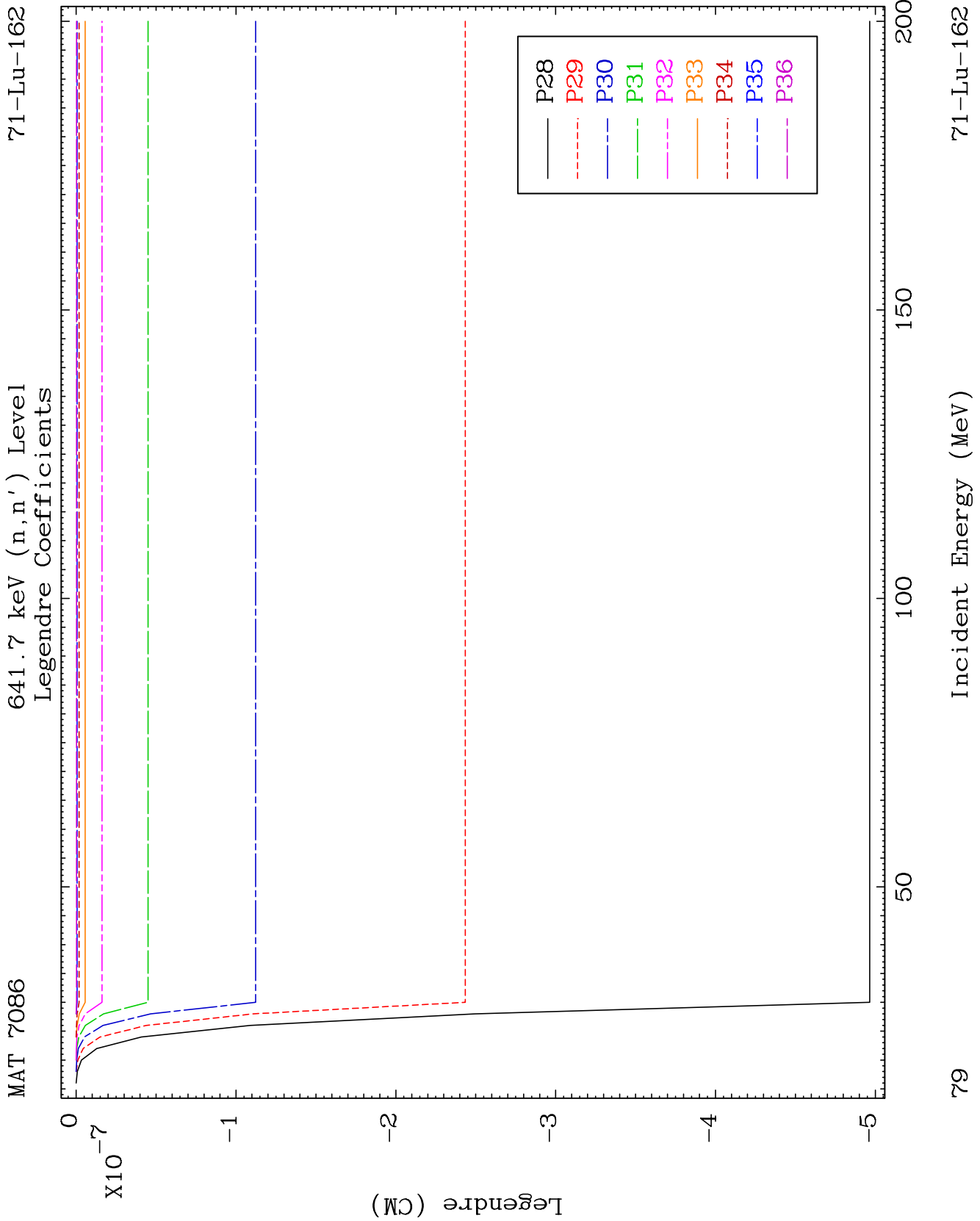
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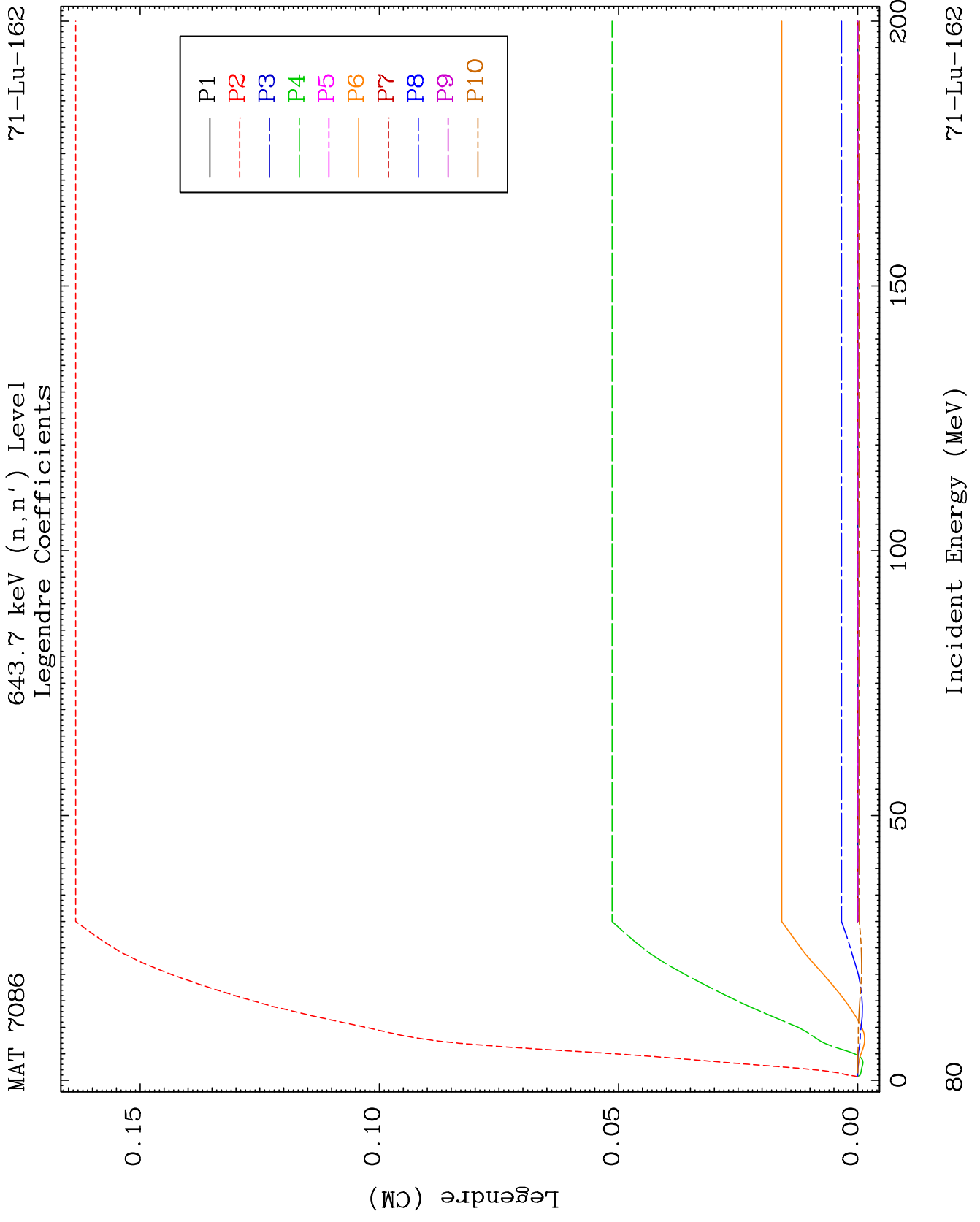


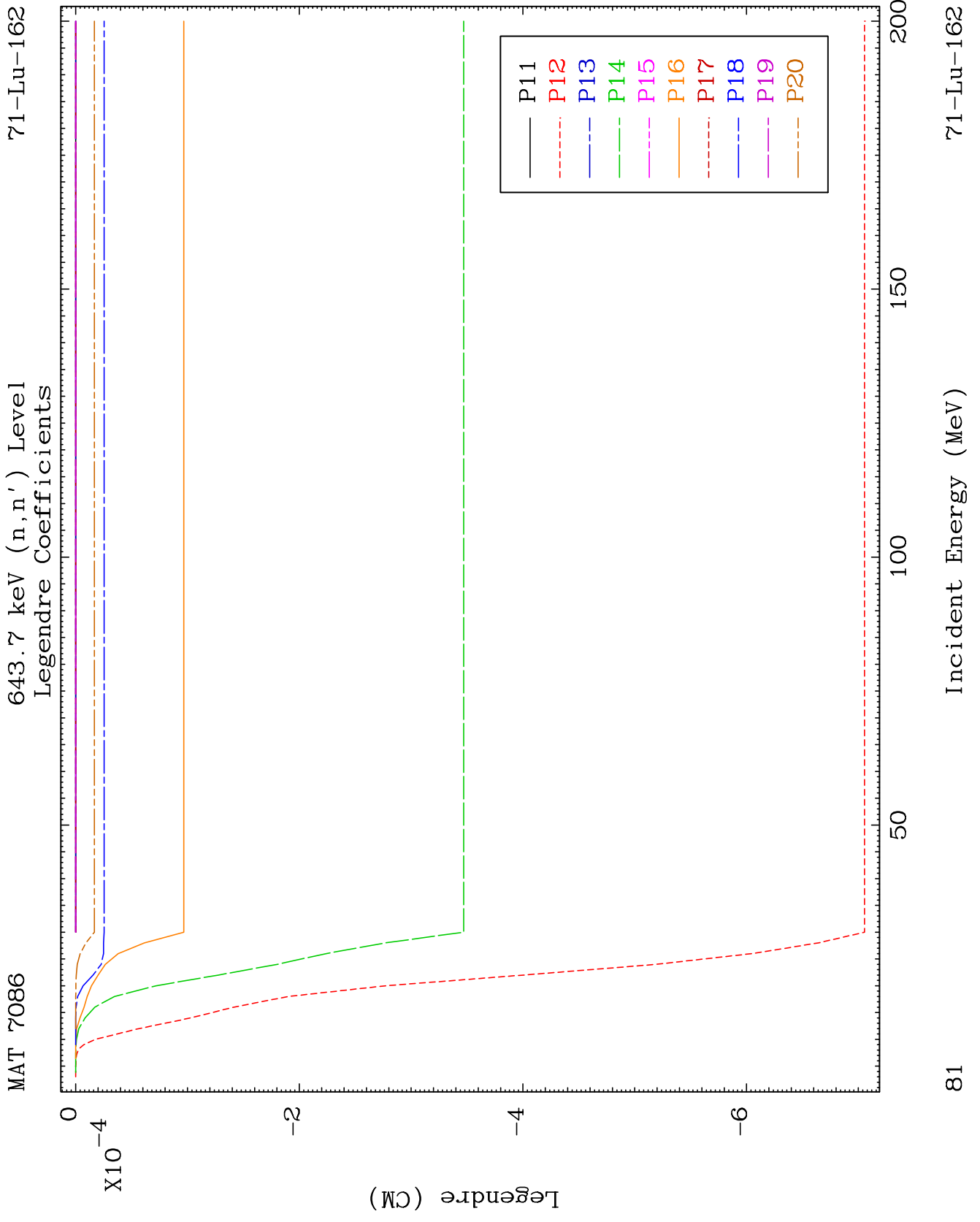
78

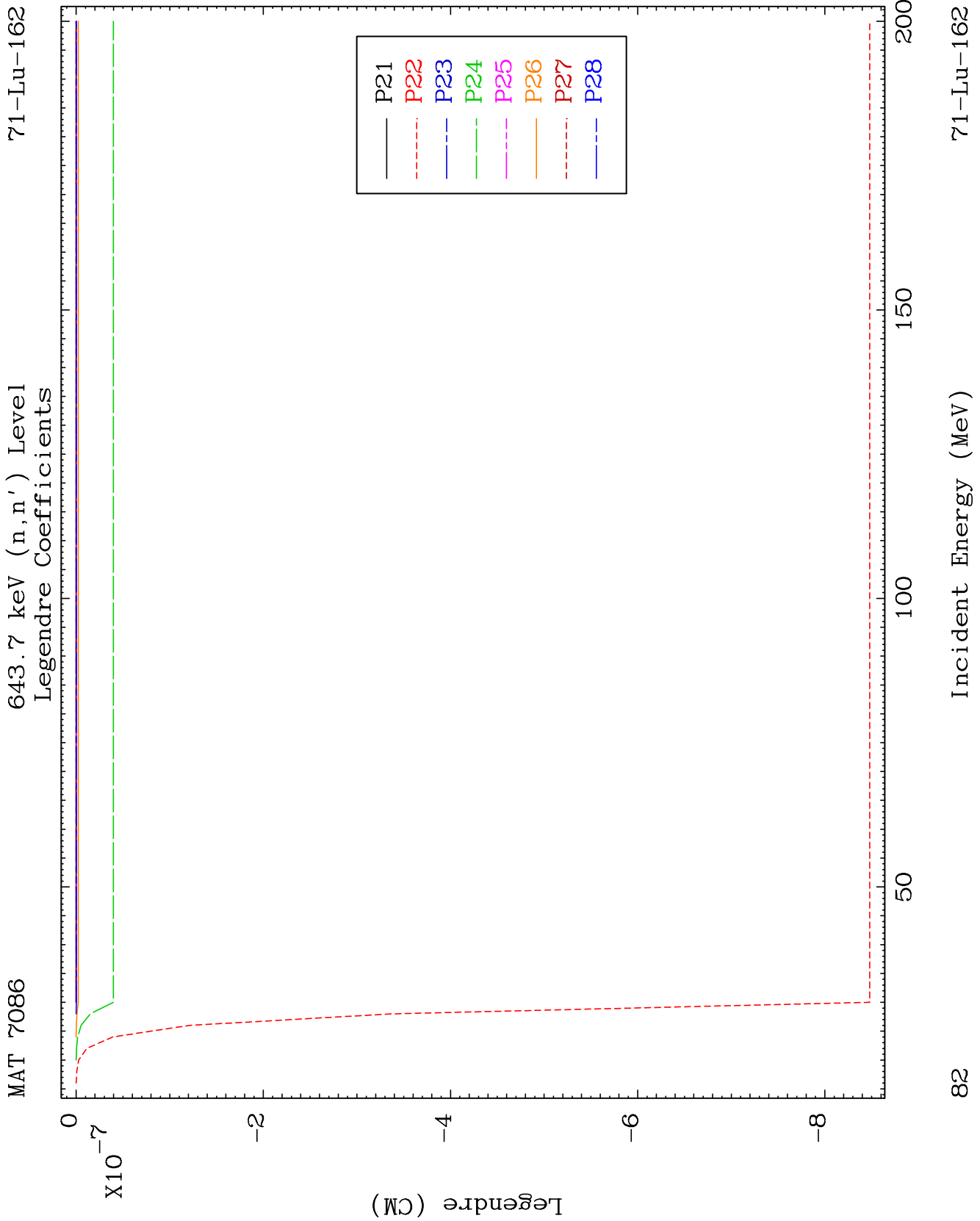
Incident Energy (MeV)

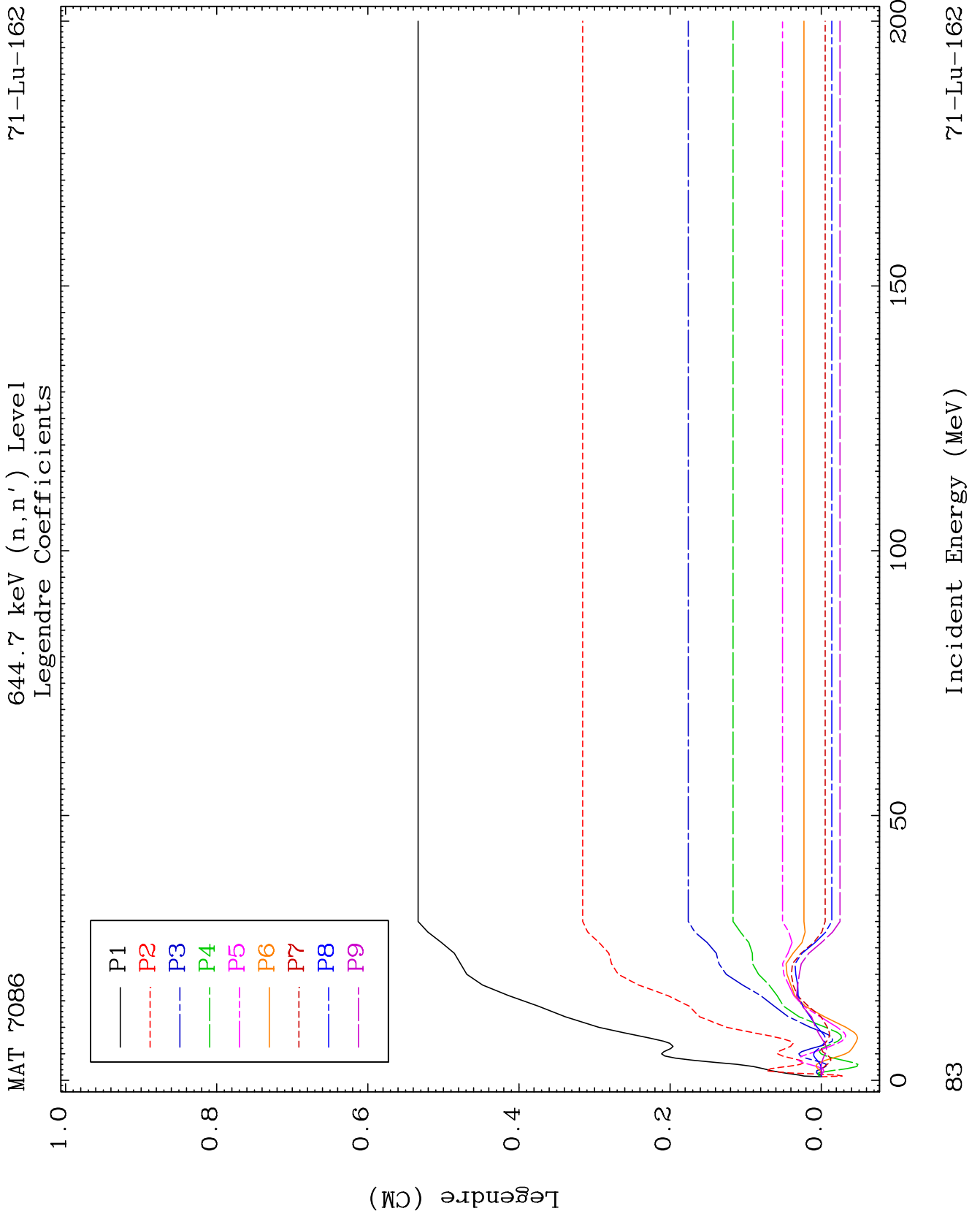
71-Lu-162

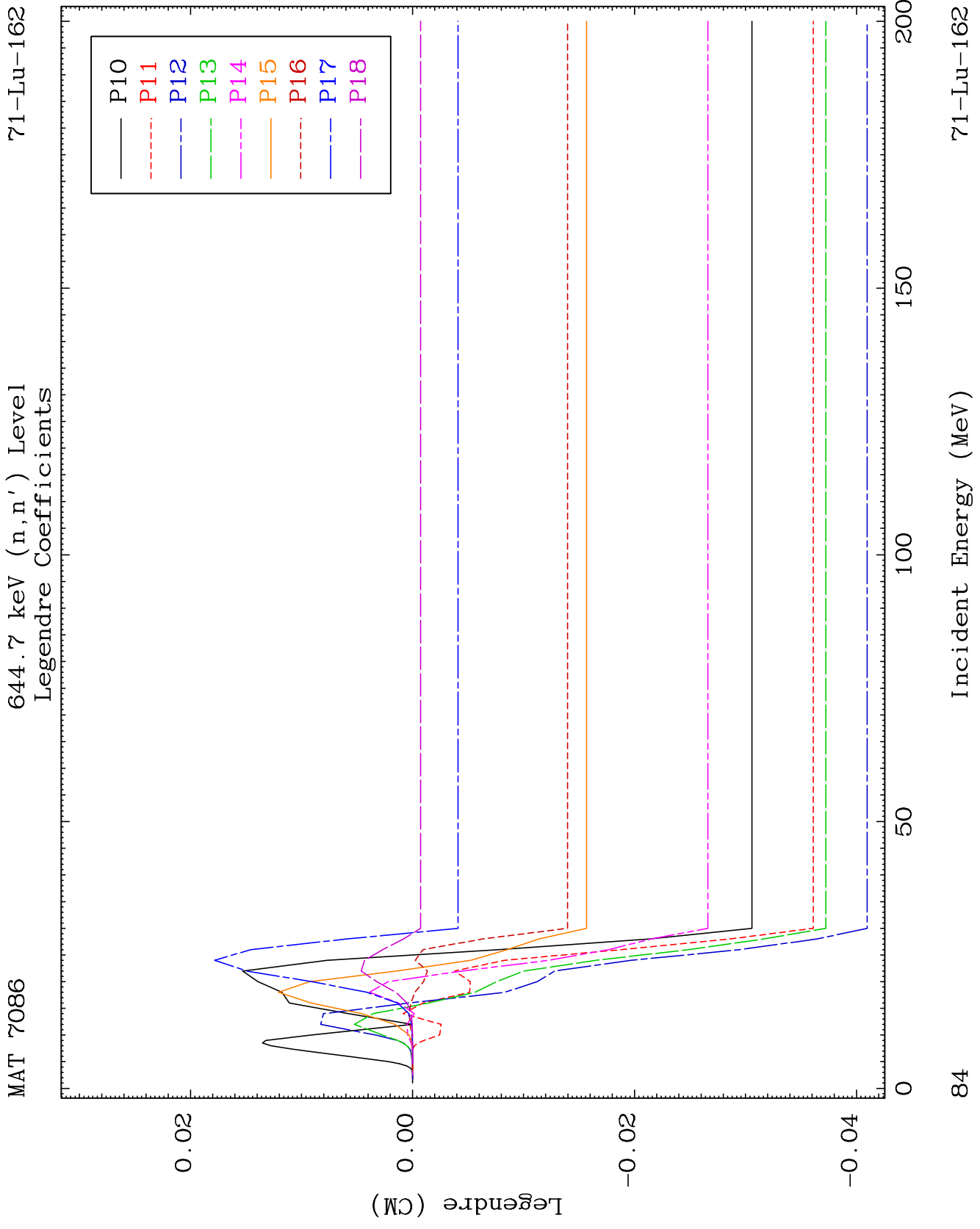


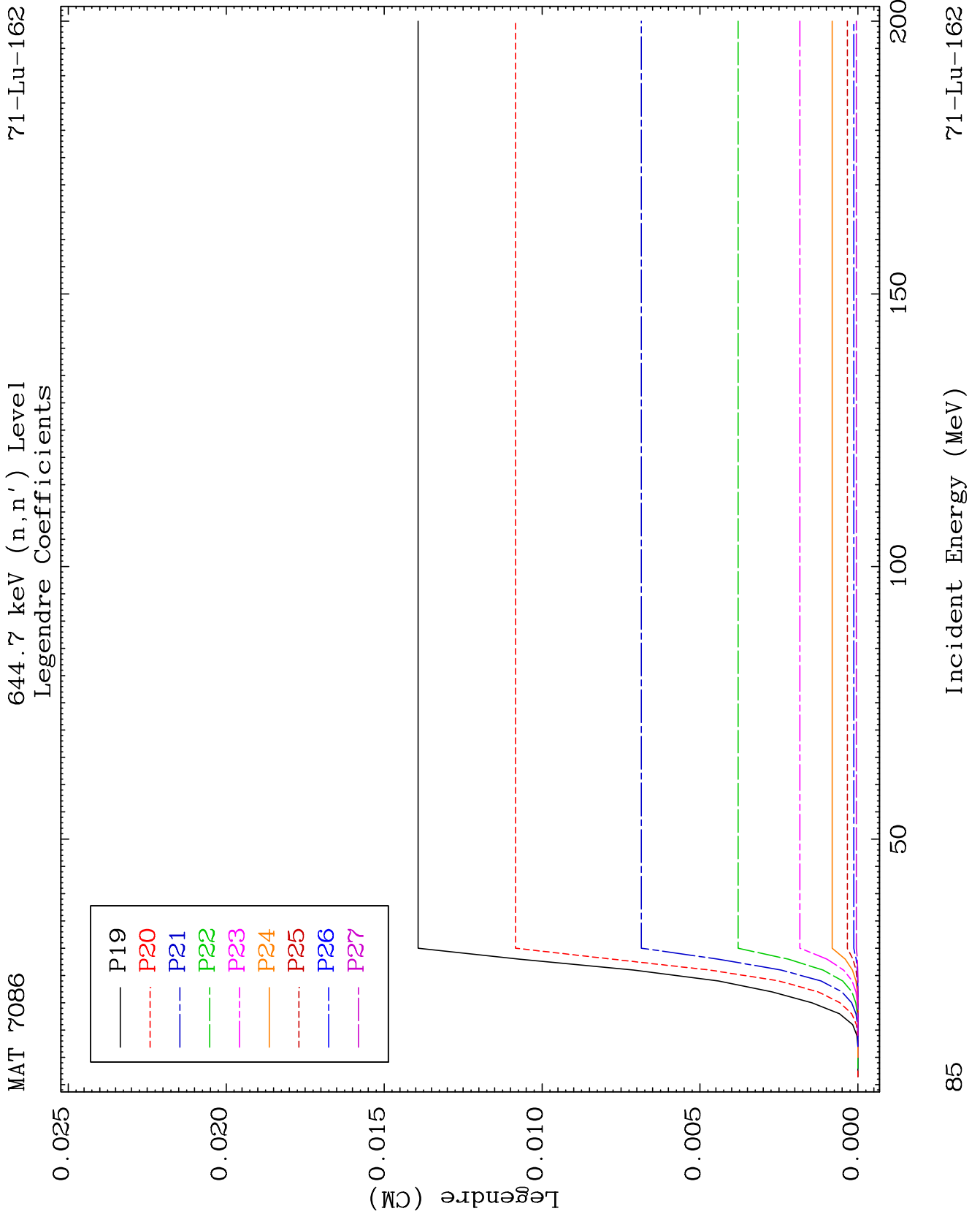








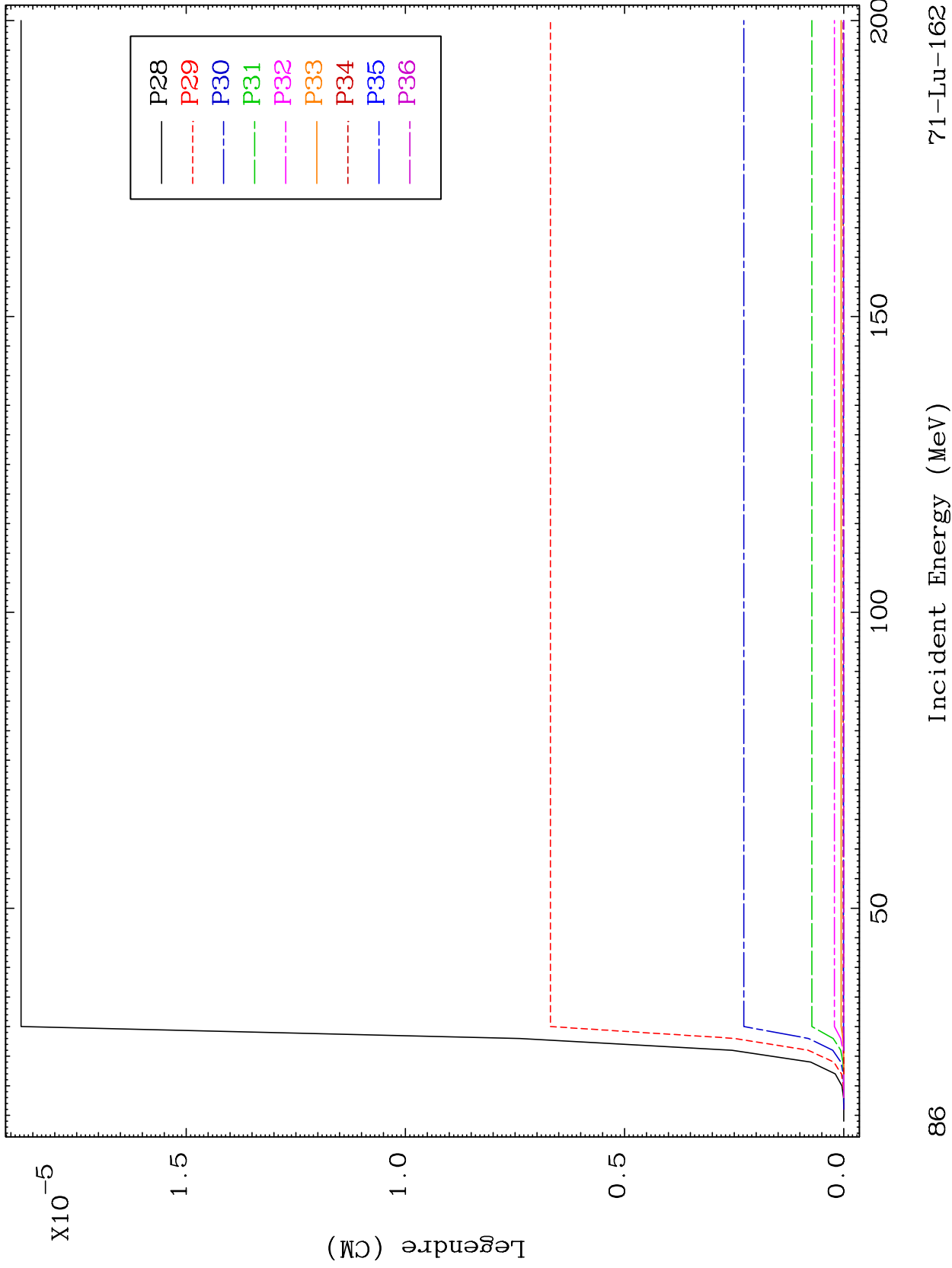




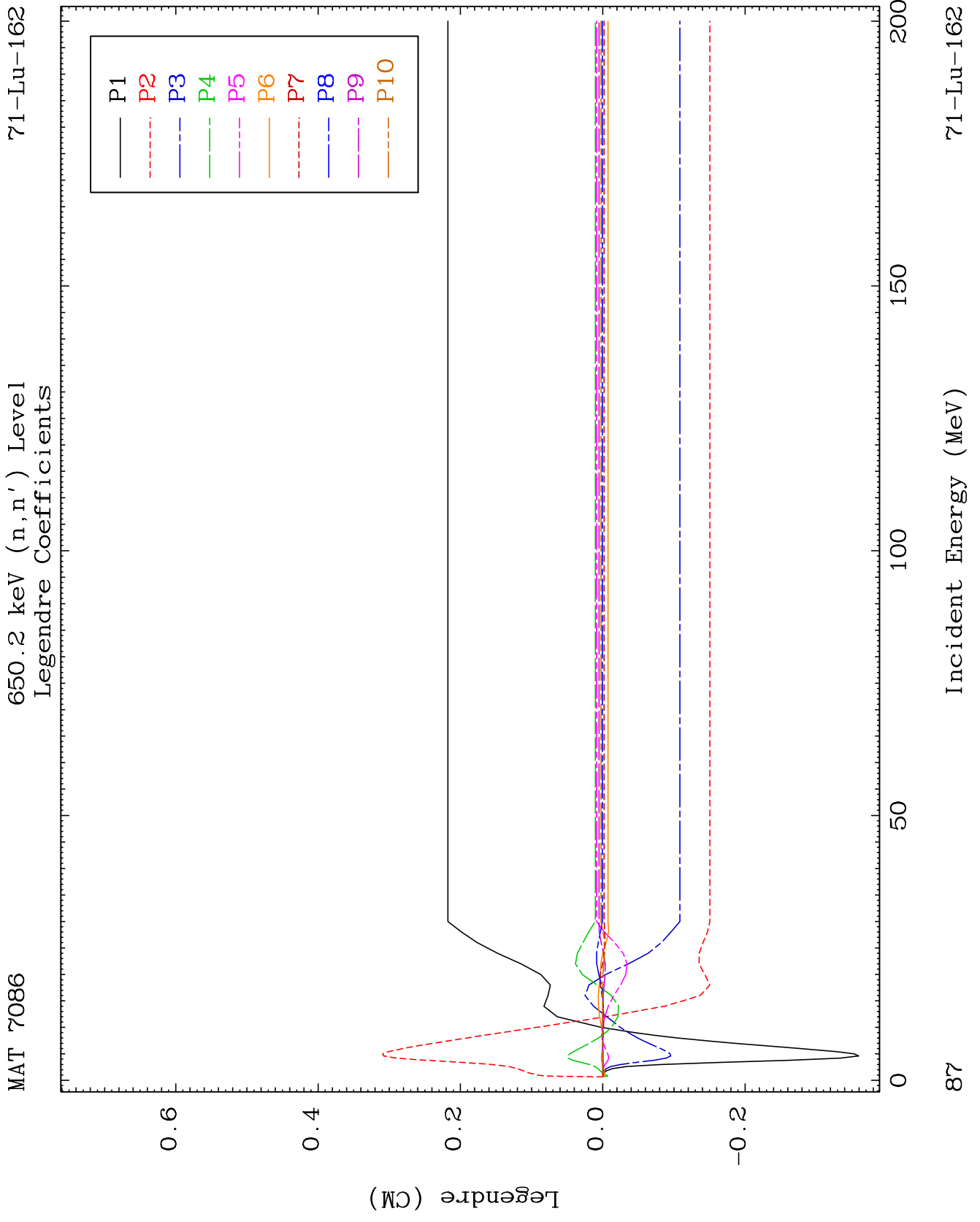
MAT 7086

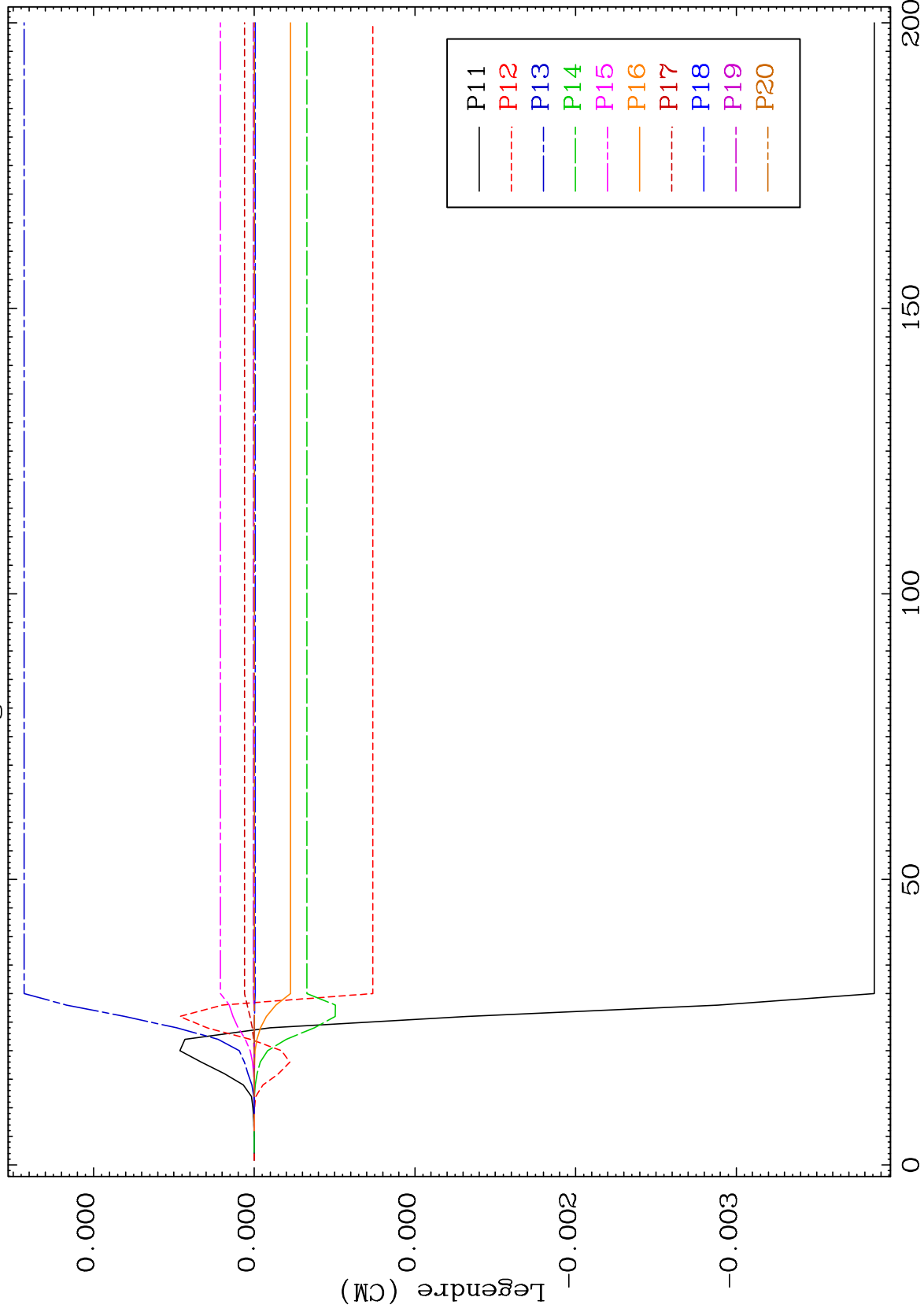
644.7 keV (n, n') Level
Legendre Coefficients

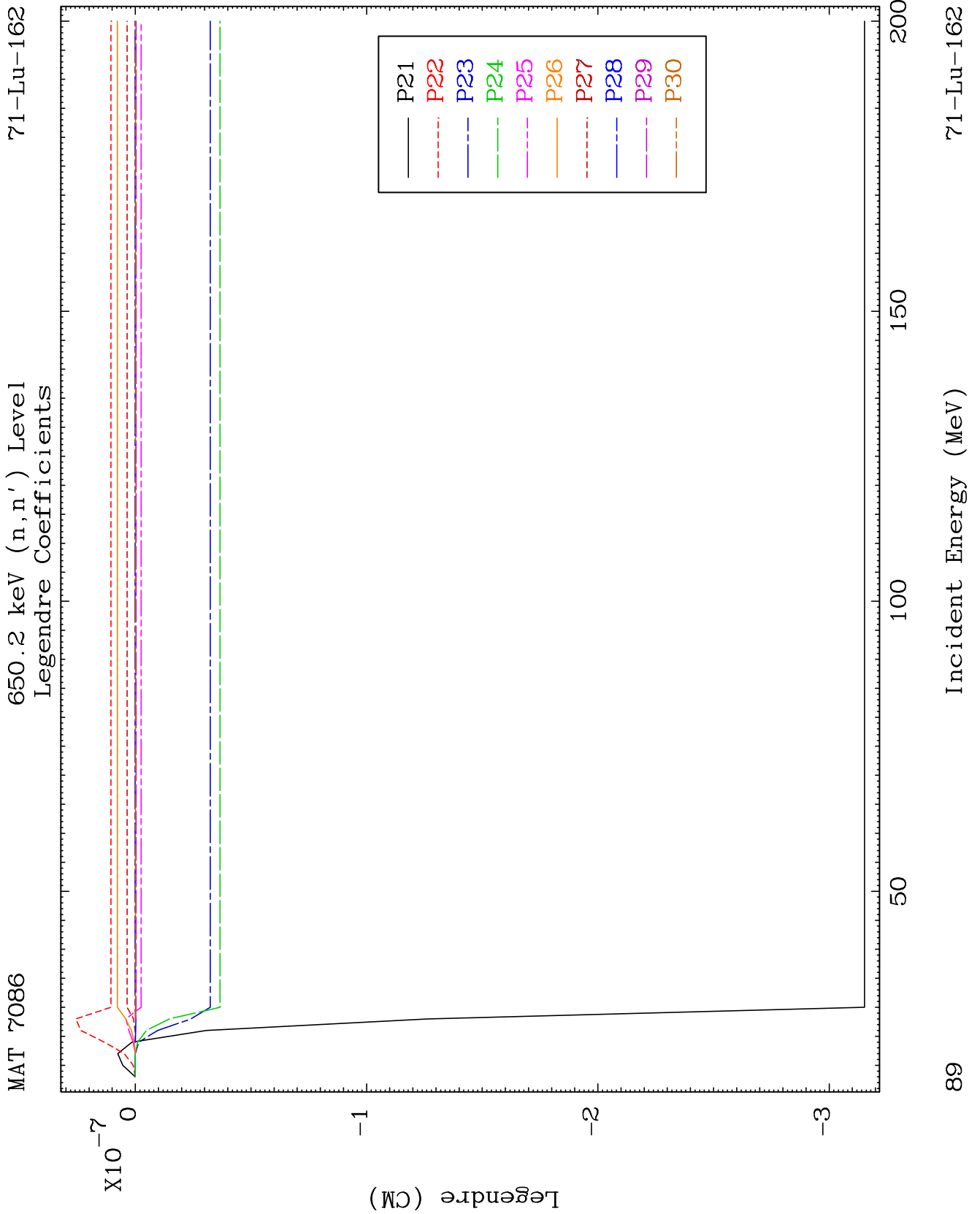
71-Lu-162

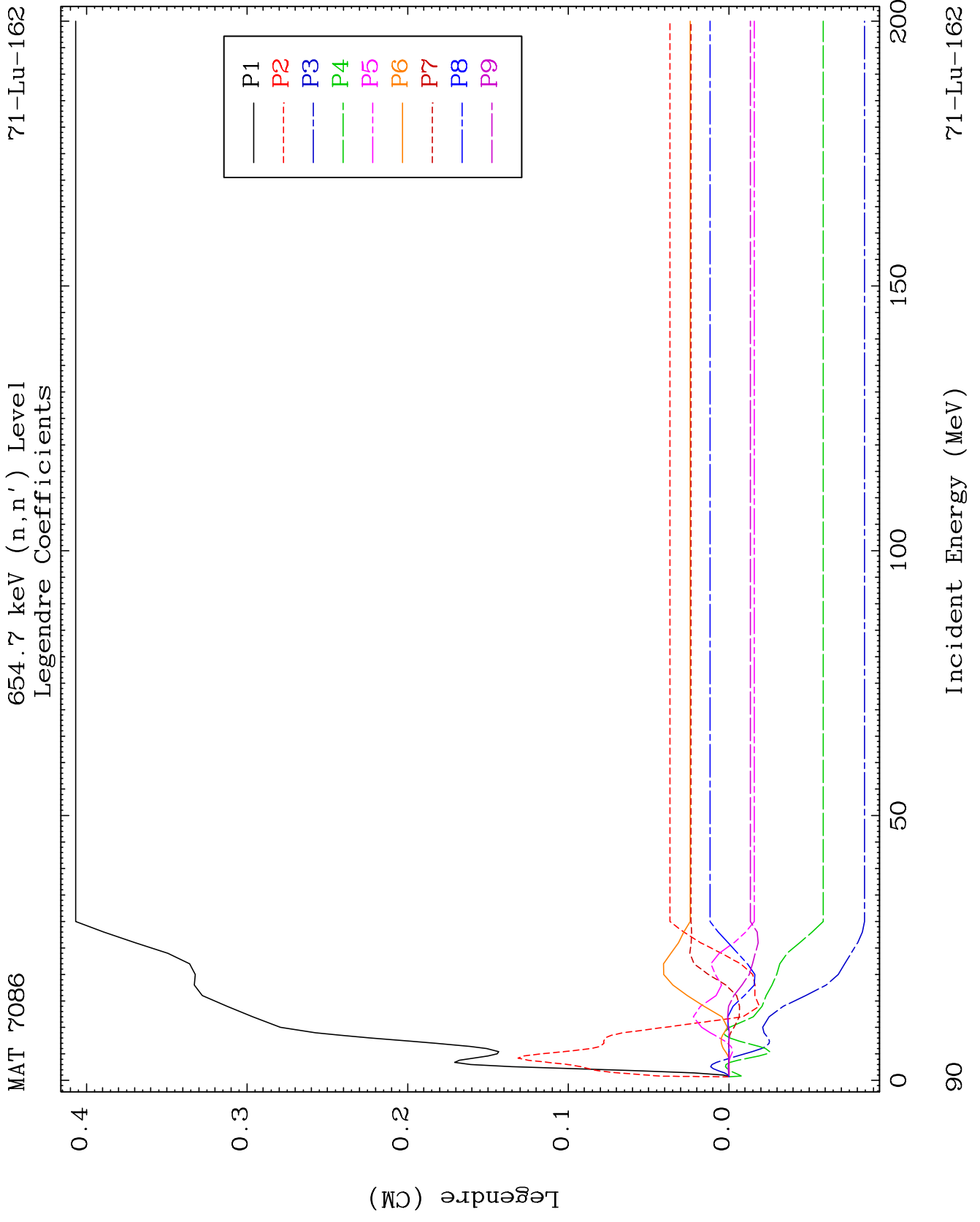


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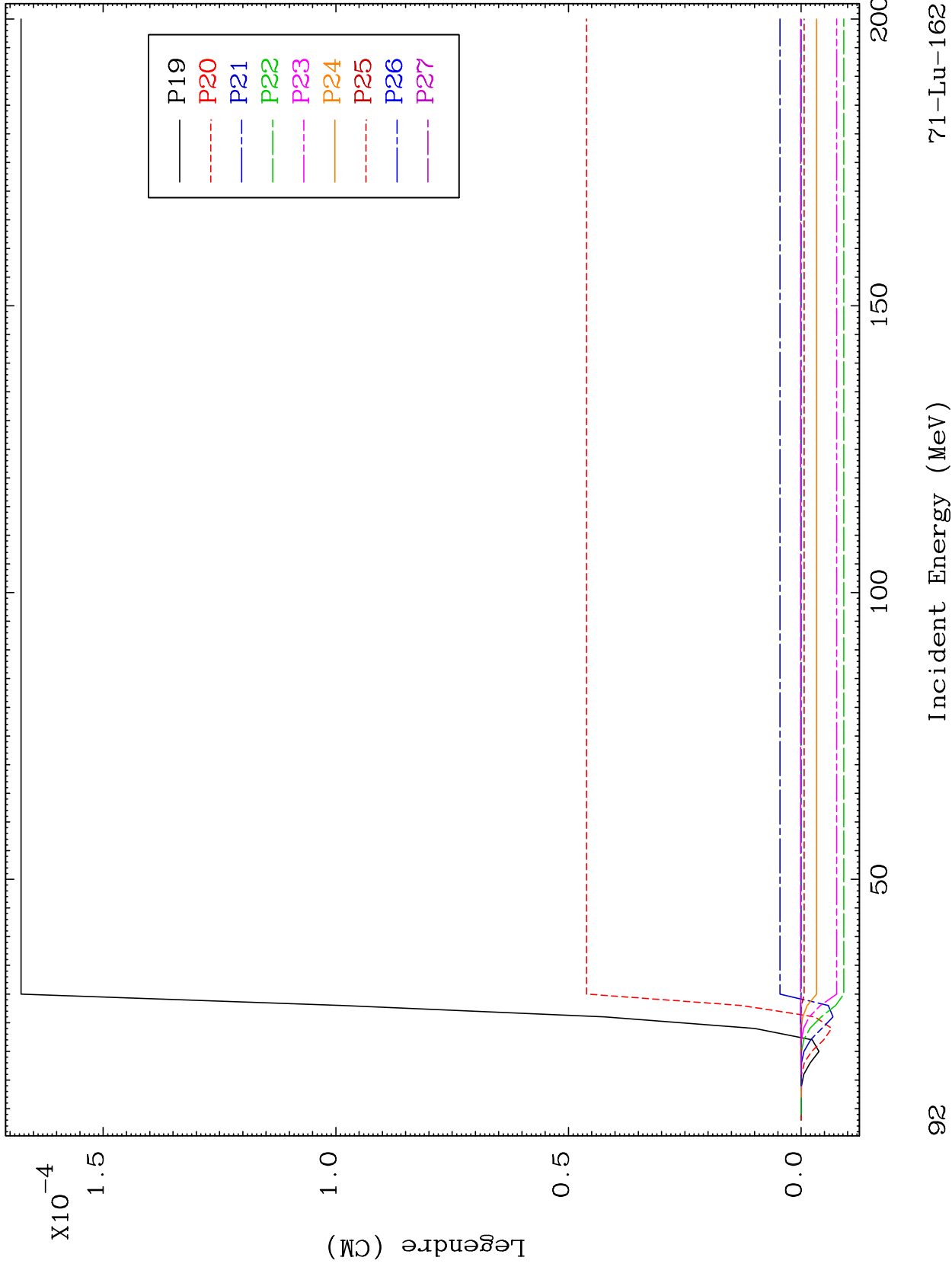




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654.7 keV (n, n') Level
Legendre Coefficients

71-Lu-162



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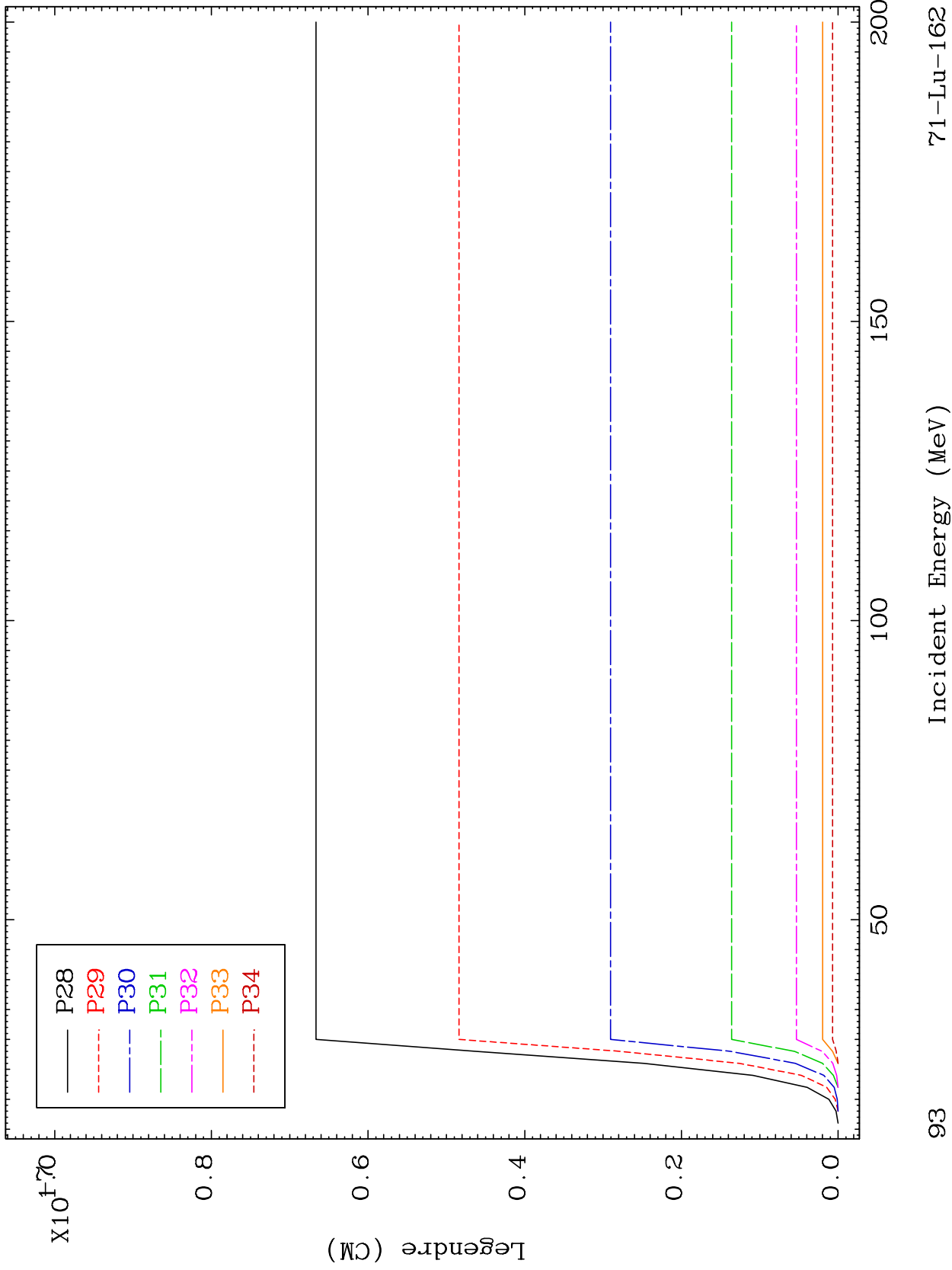
Incident Energy (MeV)

71-Lu-162

MAT 7086

654.7 keV (n,n') Level
Legendre Coefficients

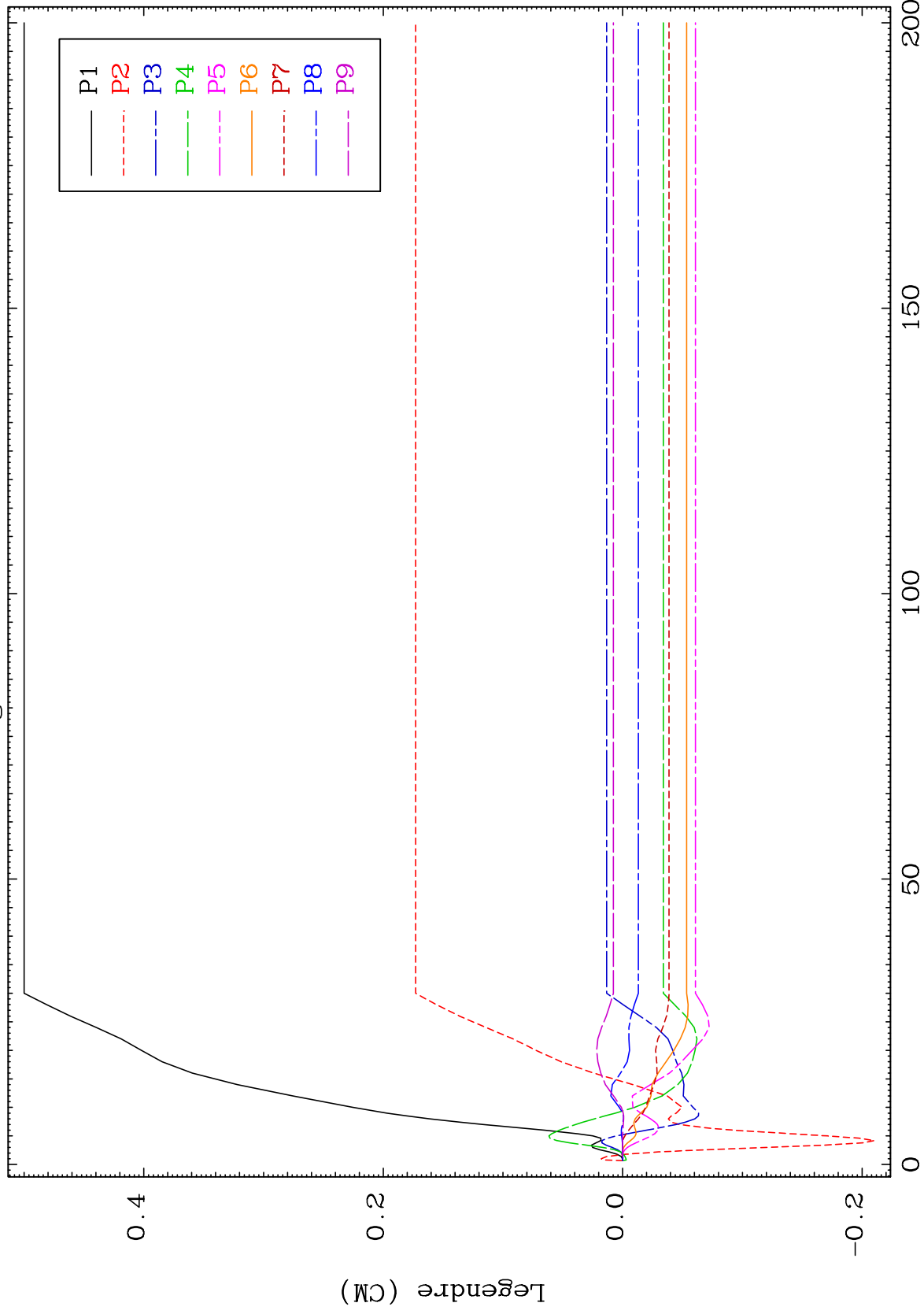
71-Lu-162



MAT 7086

657.2 keV (n,n') Level
Legendre Coefficients

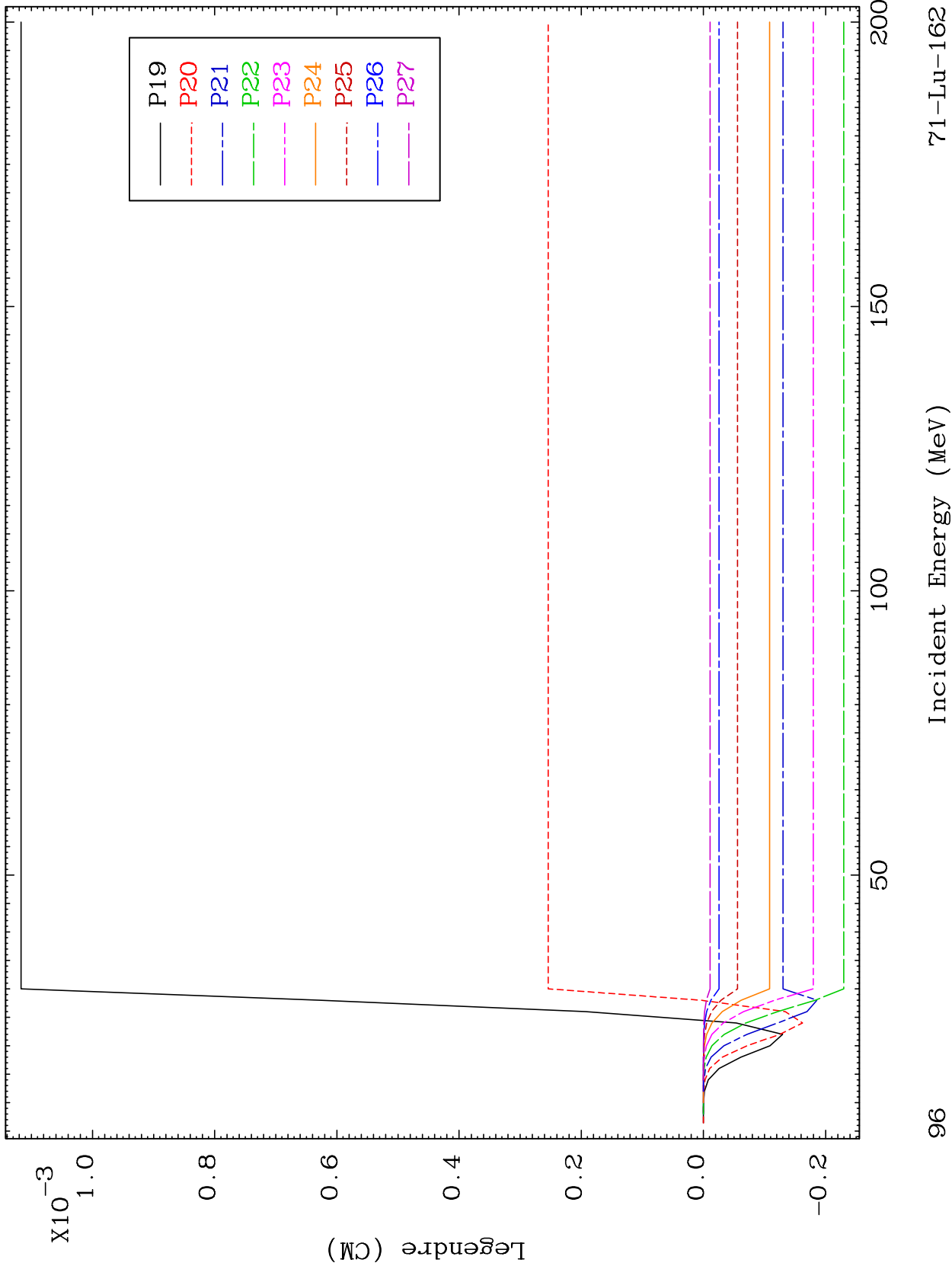
71-Lu-162

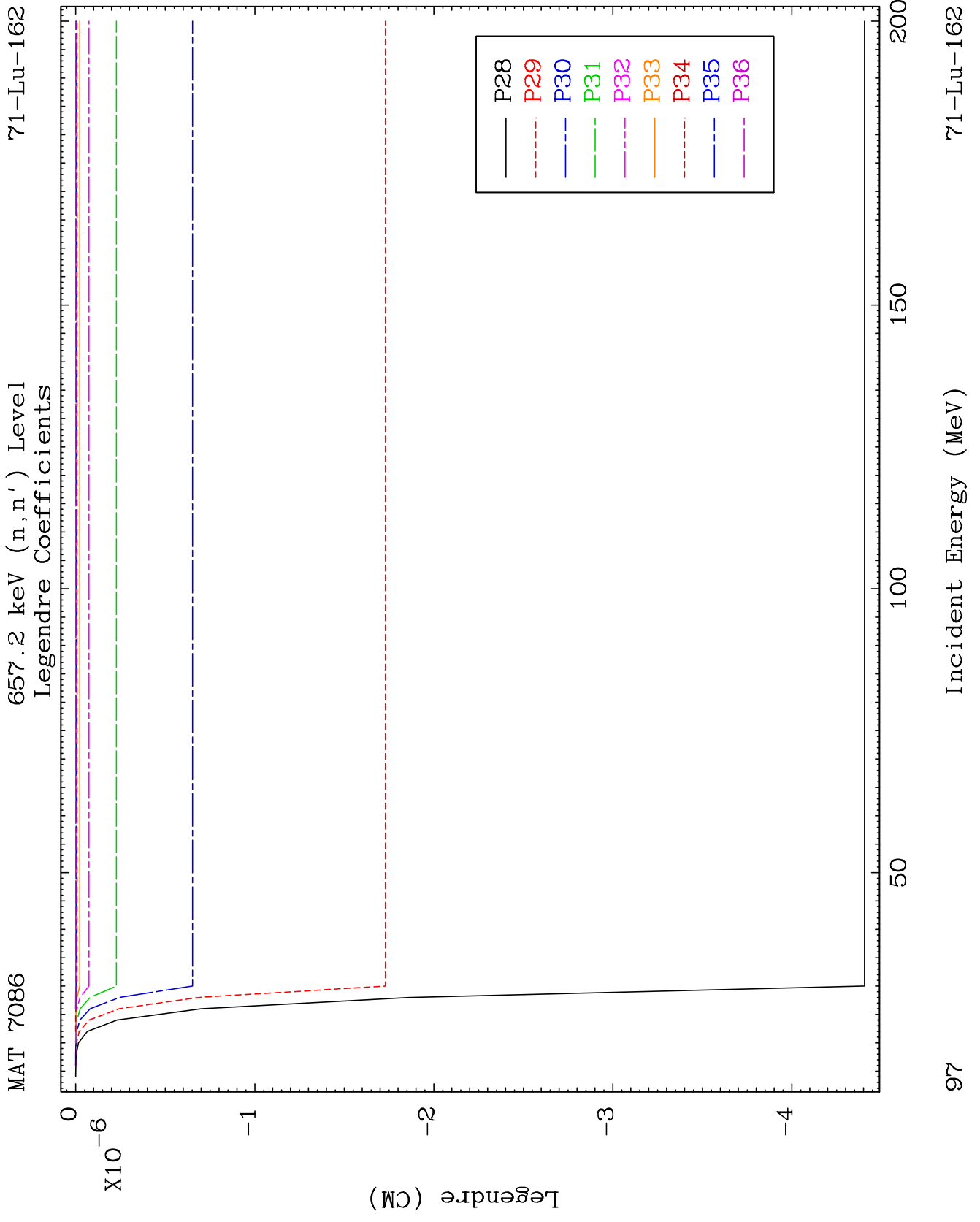


94

Incident Energy (MeV)

71-Lu-162

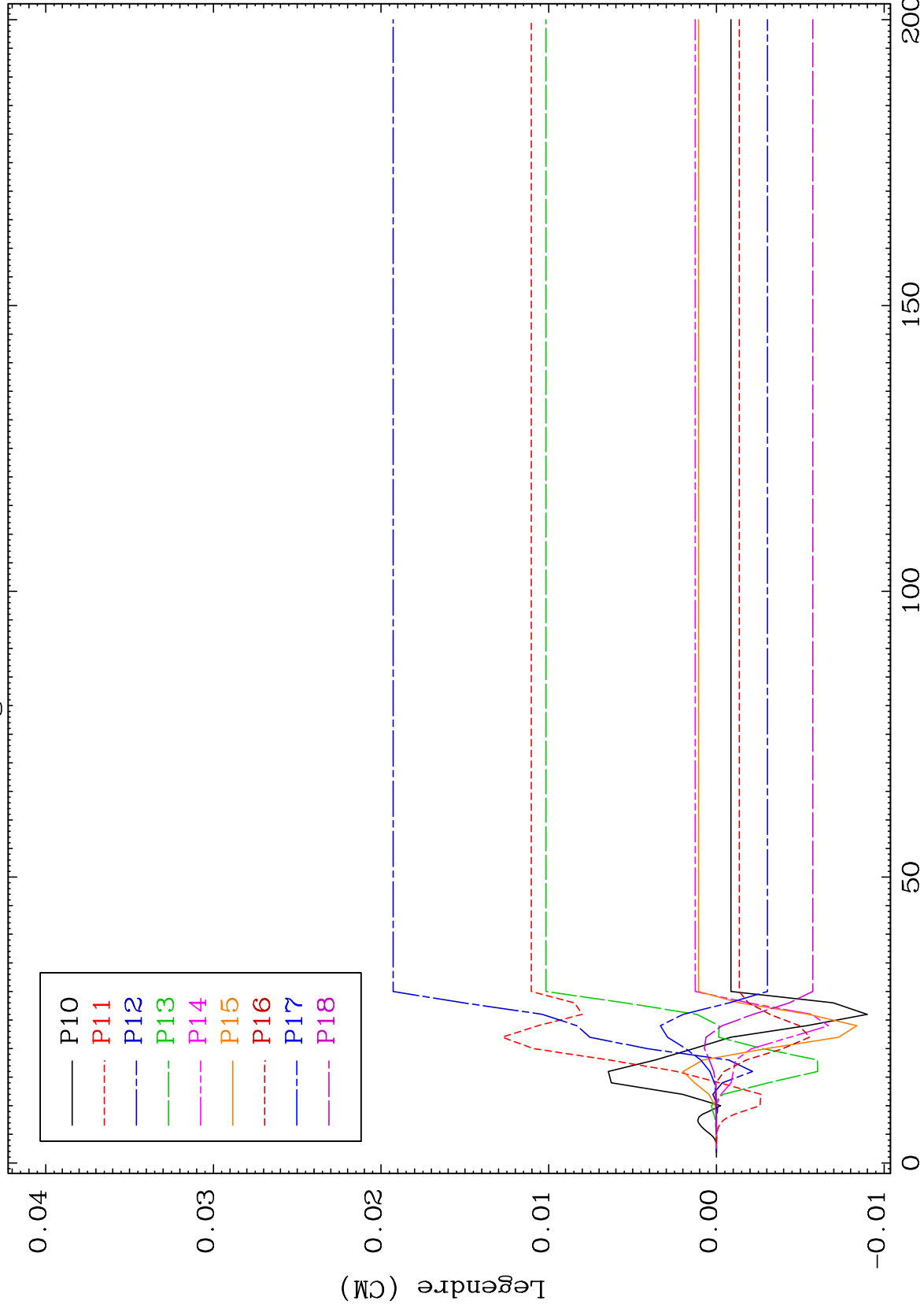




MAT 7086

658.7 keV (n, n') Level
Legendre Coefficients

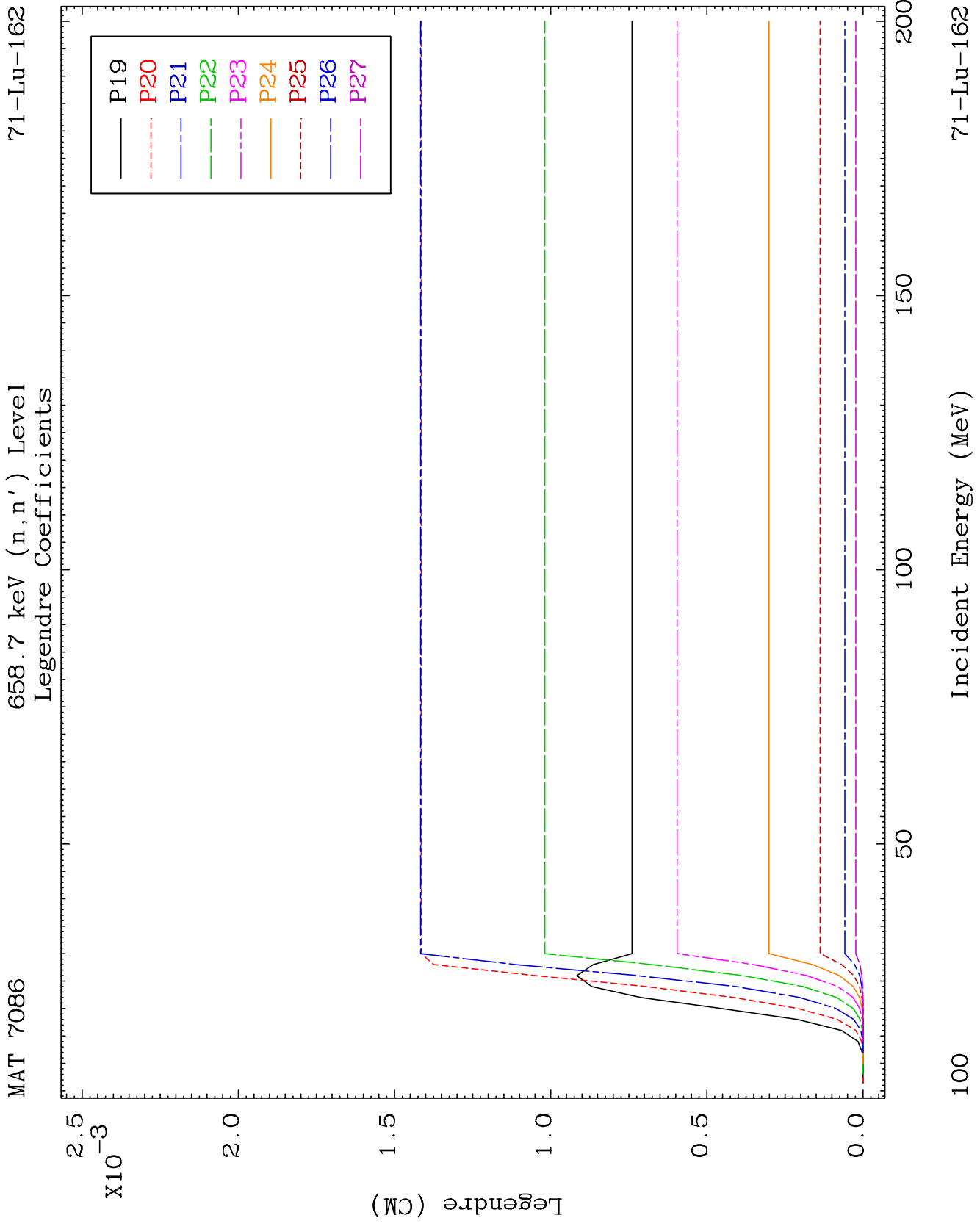
71-Lu-162

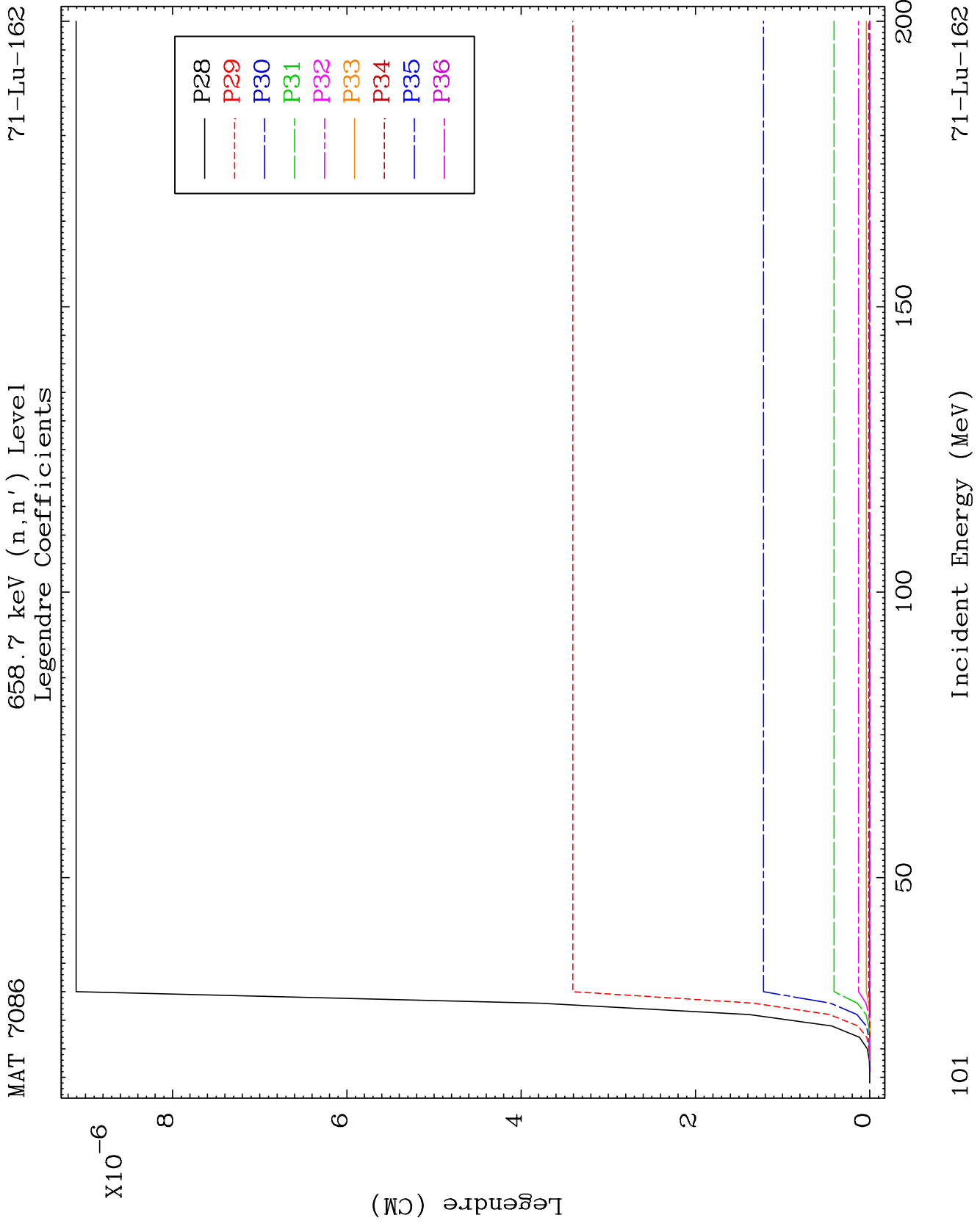


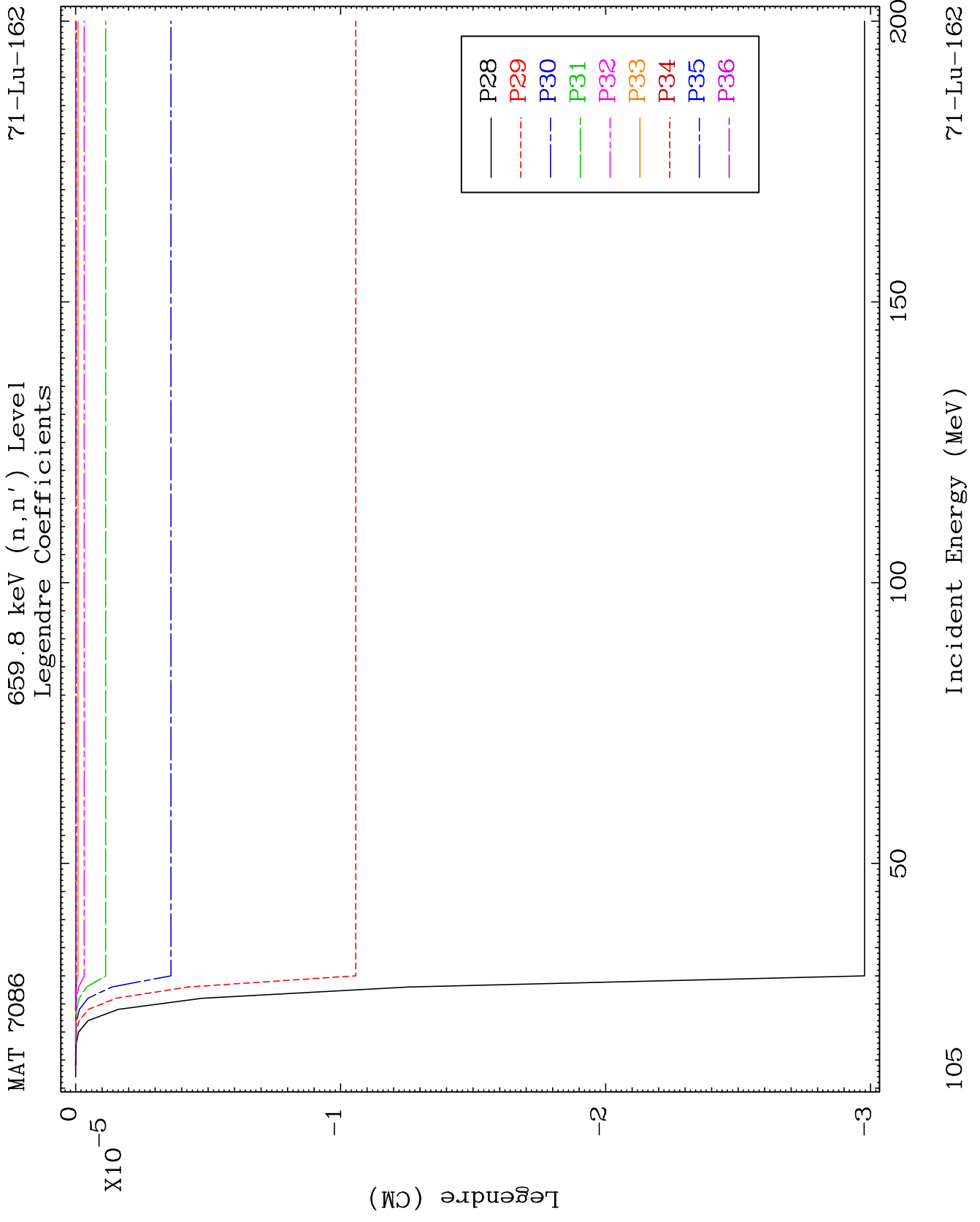
99

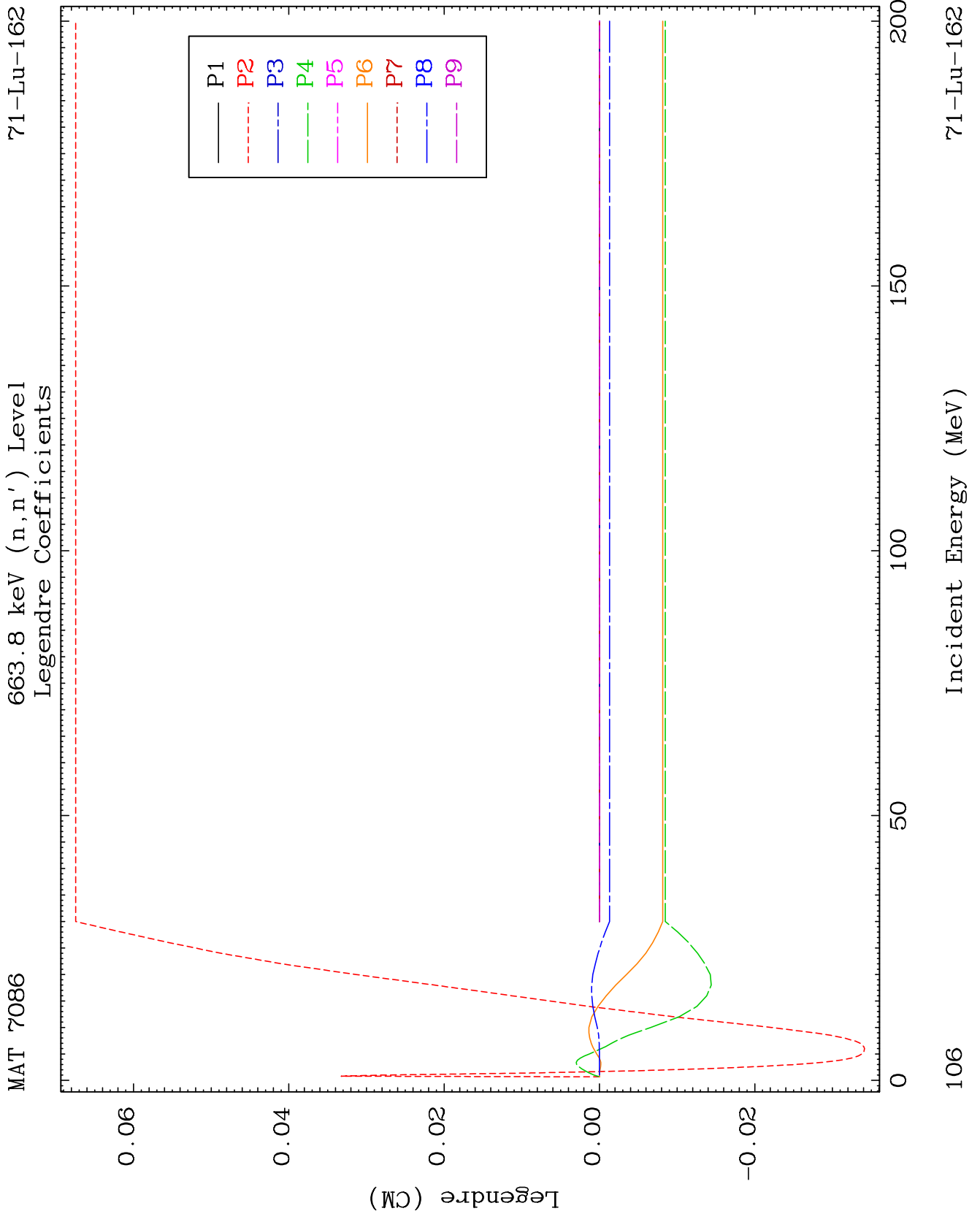
Incident Energy (MeV)

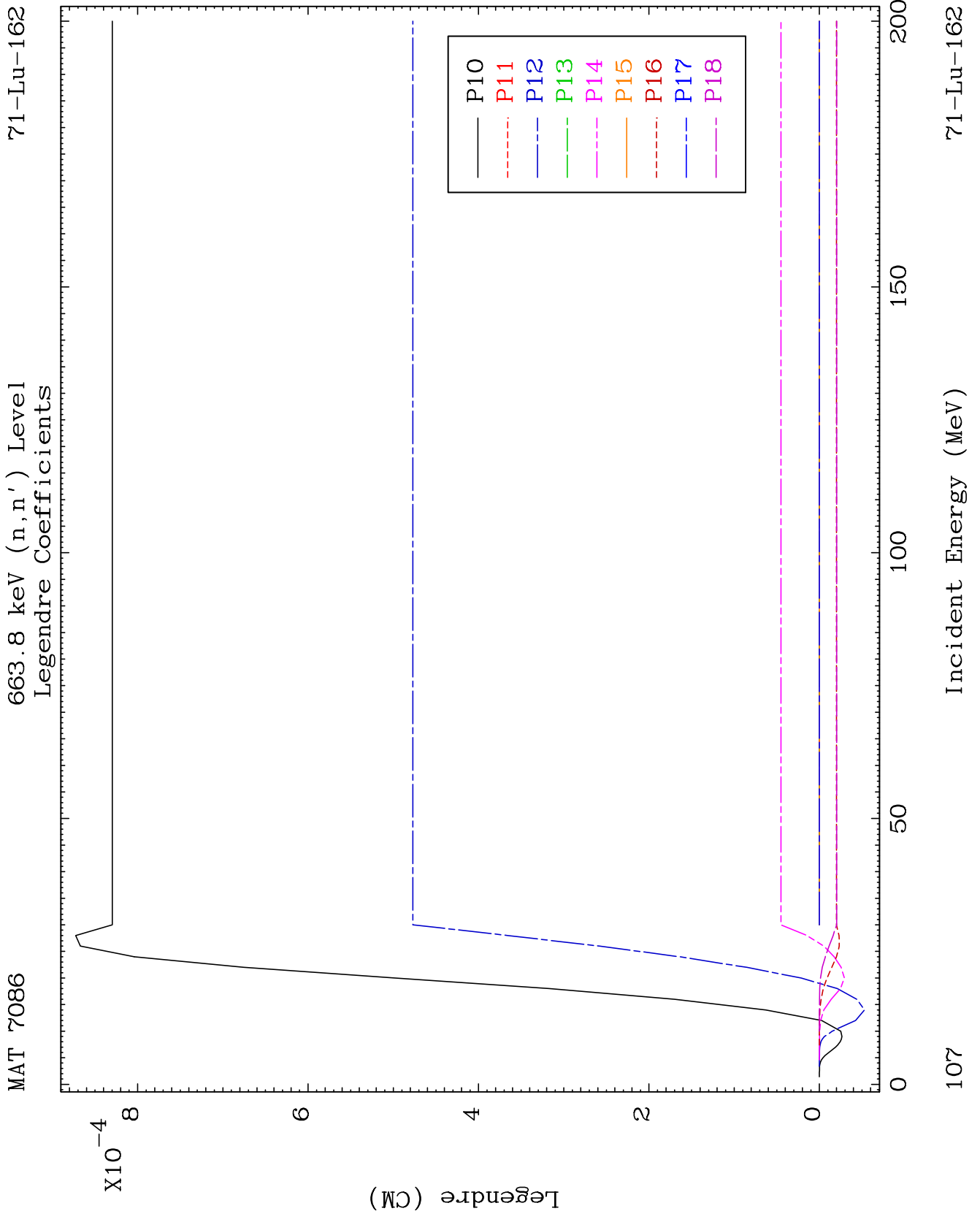
71-Lu-162

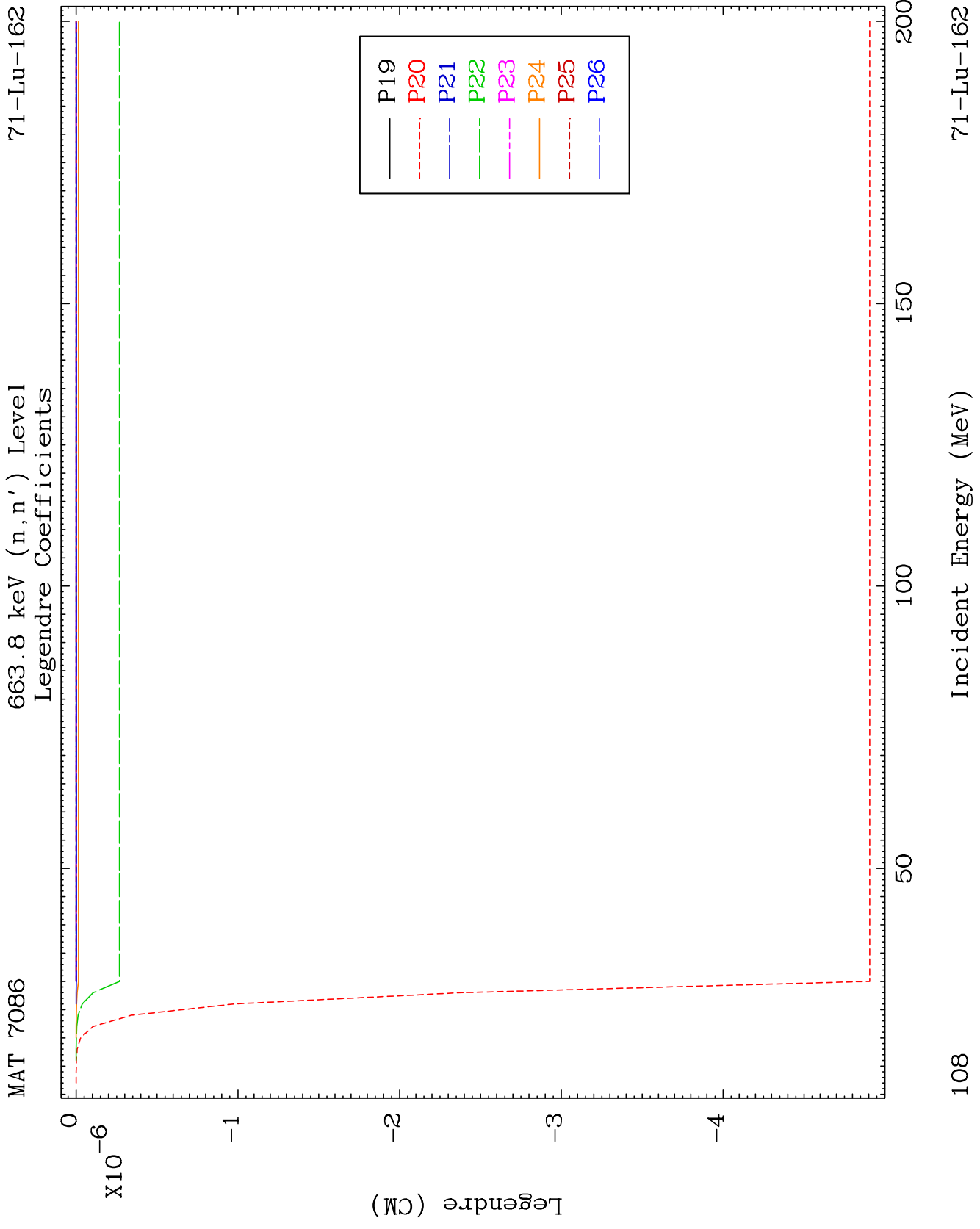


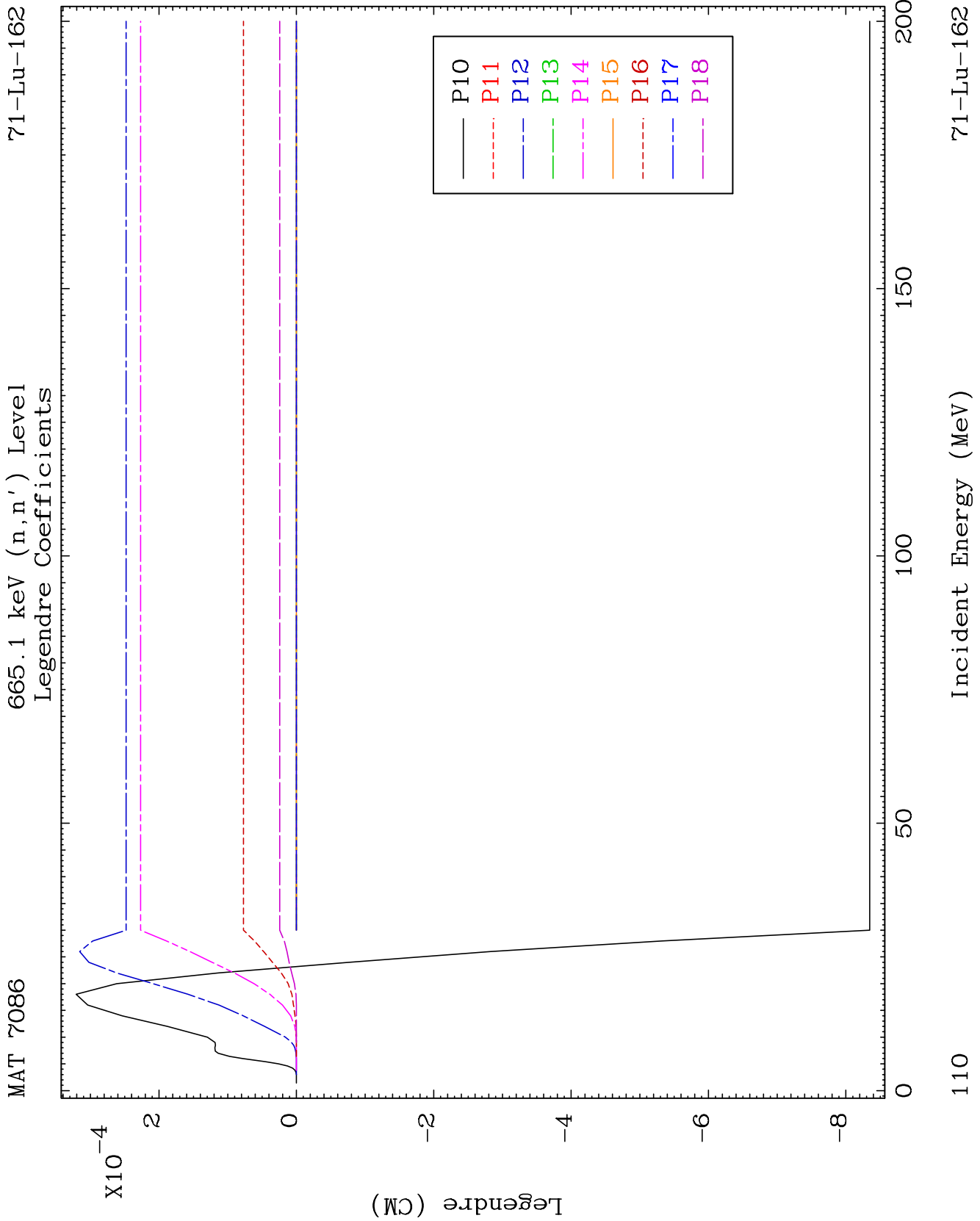


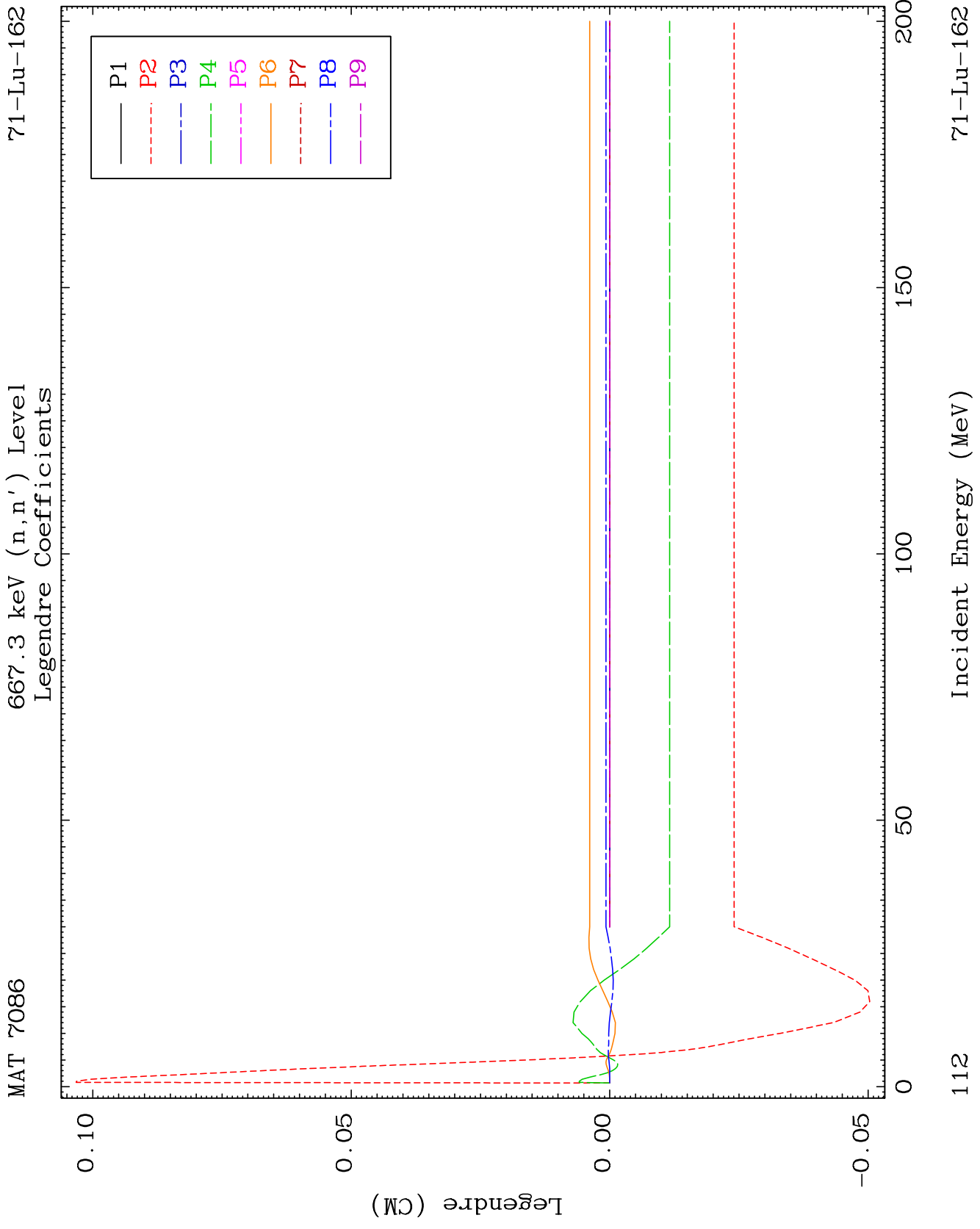








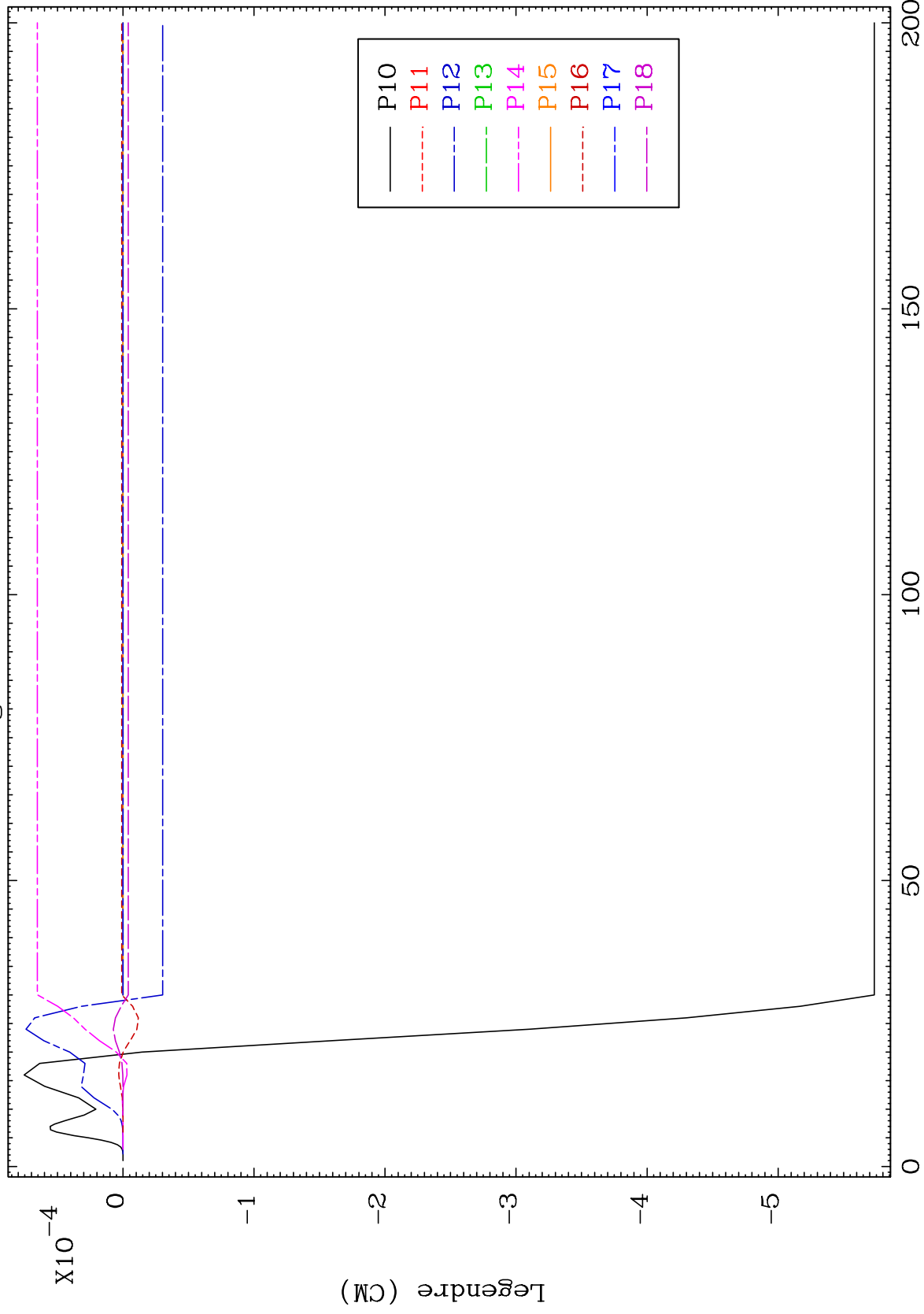




MAT 7086

667.3 keV (n,n') Level
Legendre Coefficients

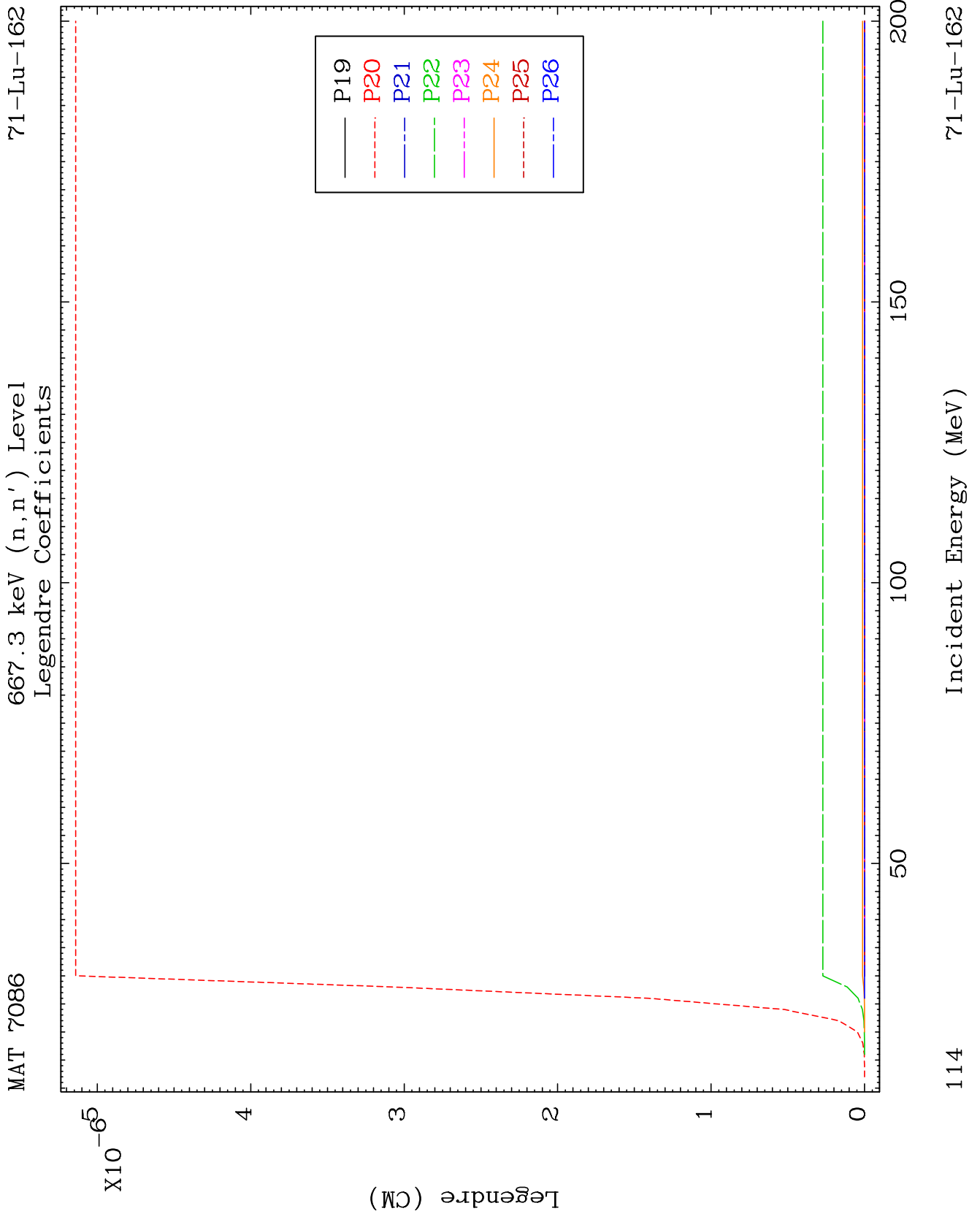
71-Lu-162

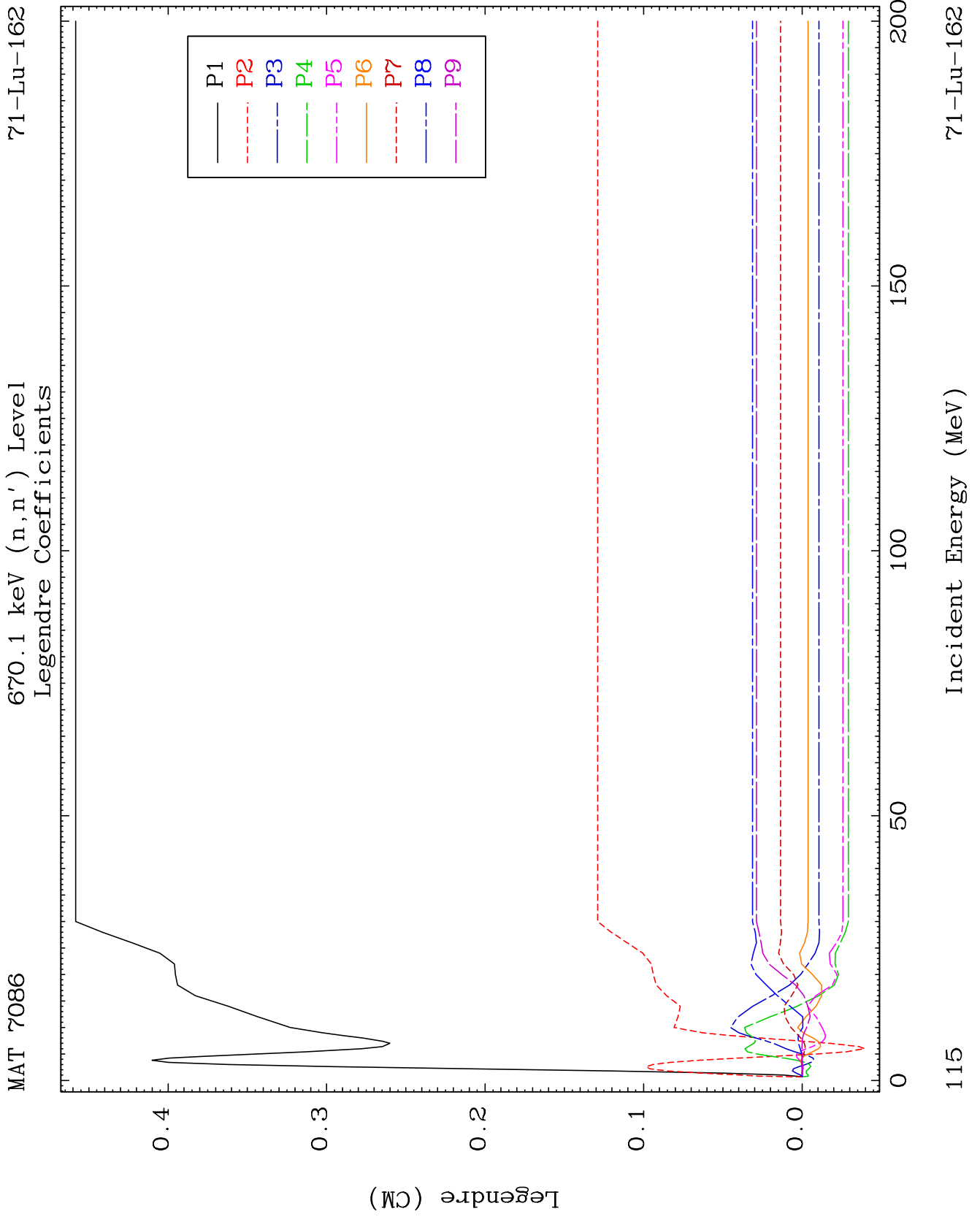


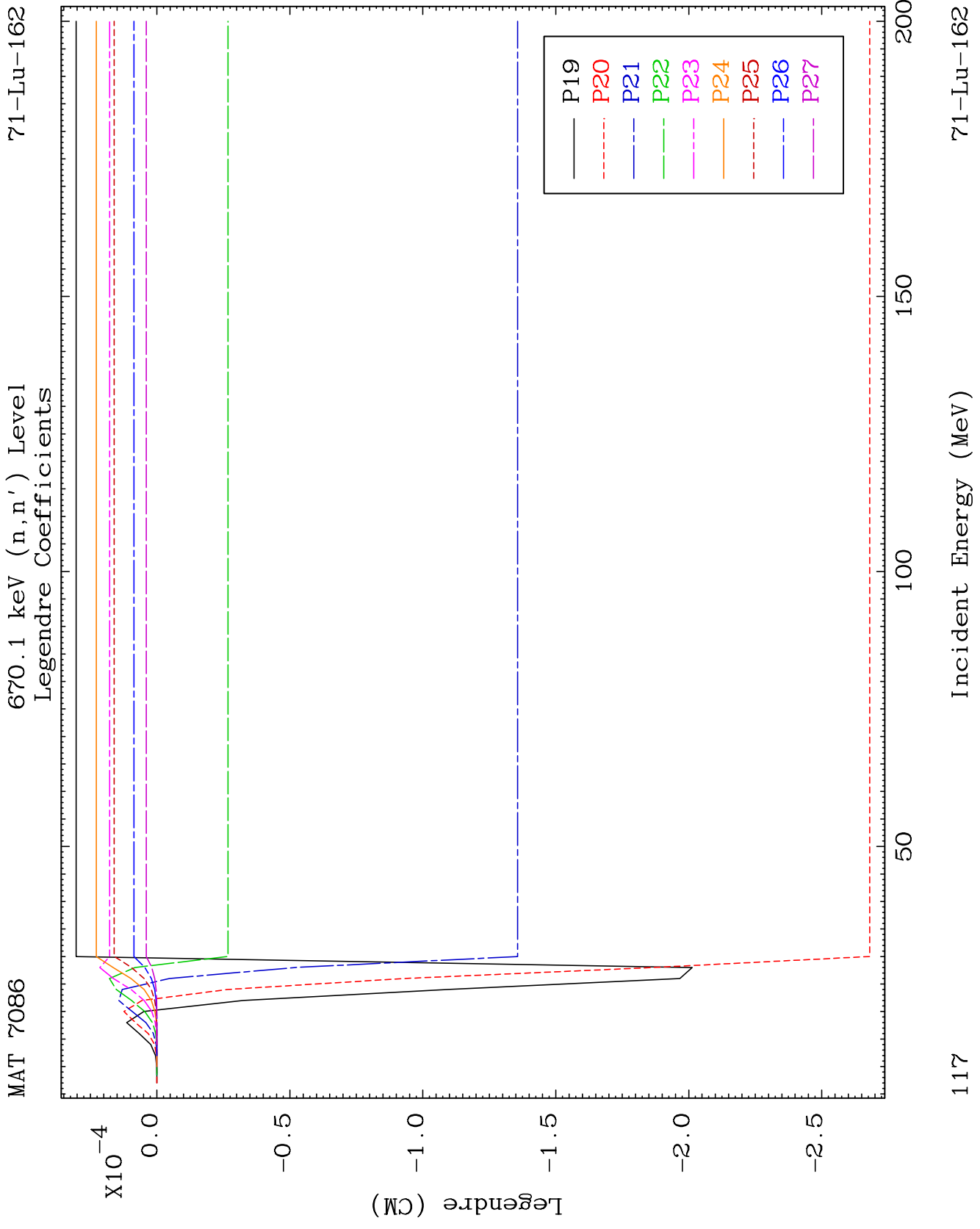
113

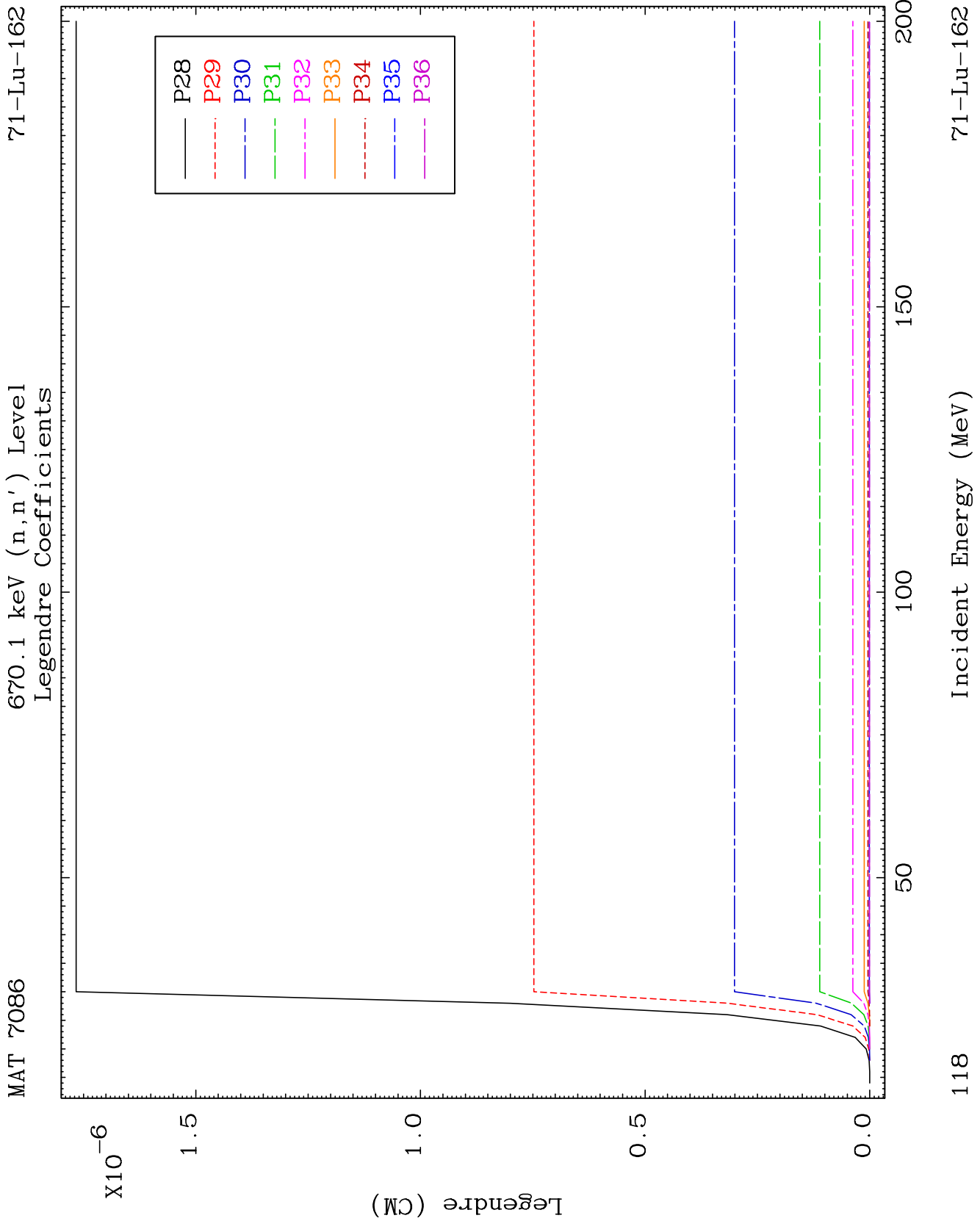
Incident Energy (MeV)

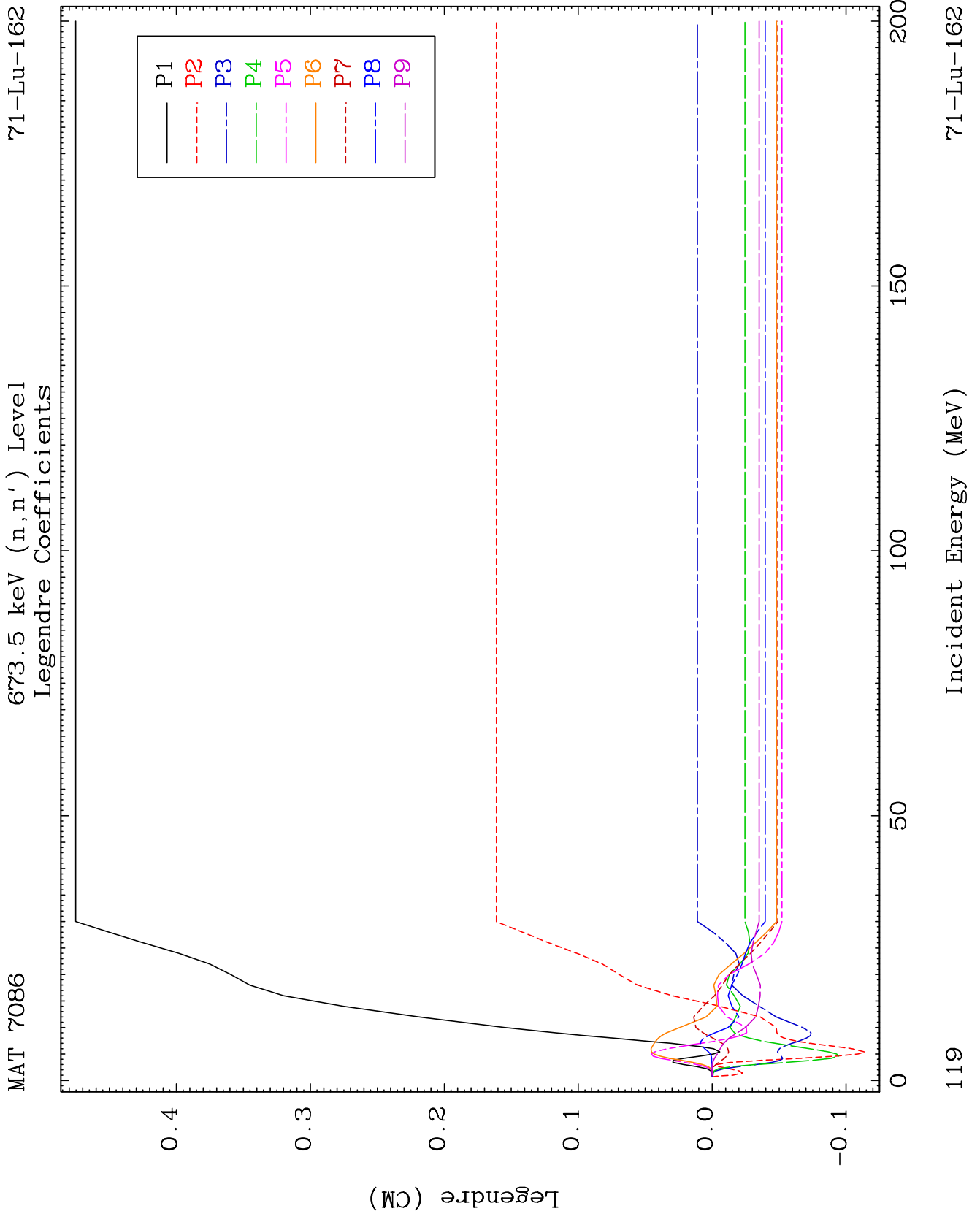
71-Lu-162







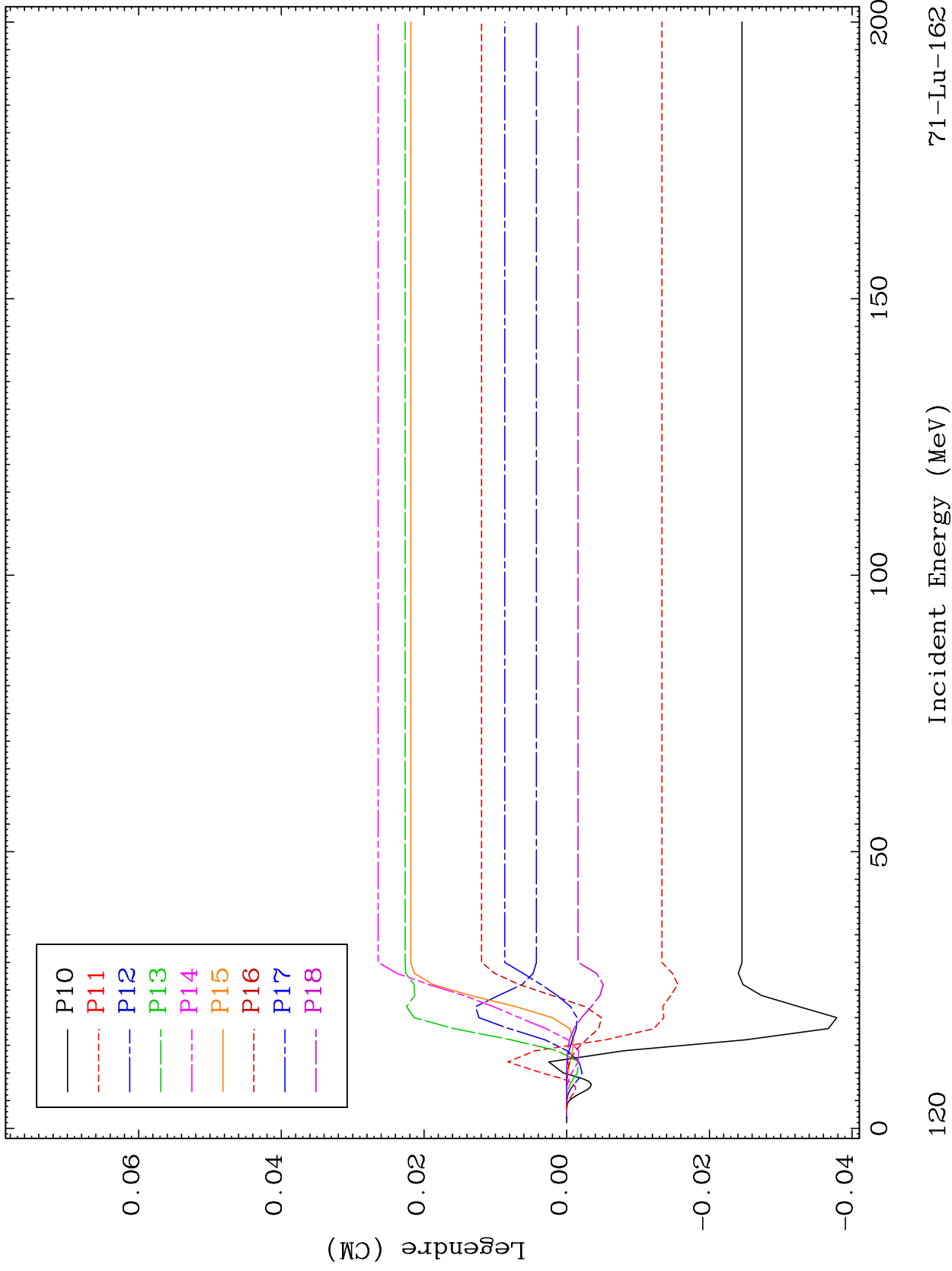




MAT 7086

673.5 keV (n,n') Level
Legendre Coefficients

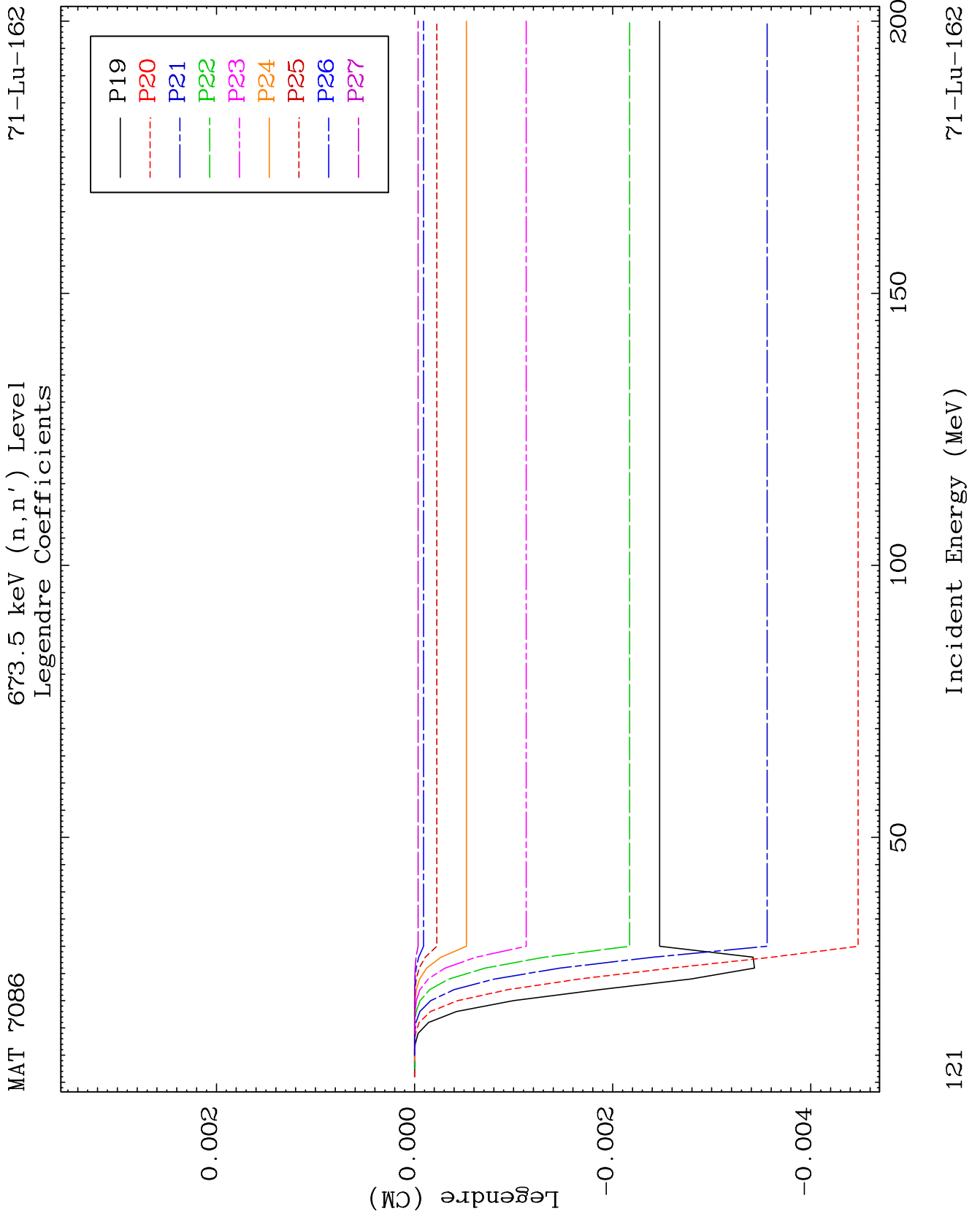
71-Lu-162

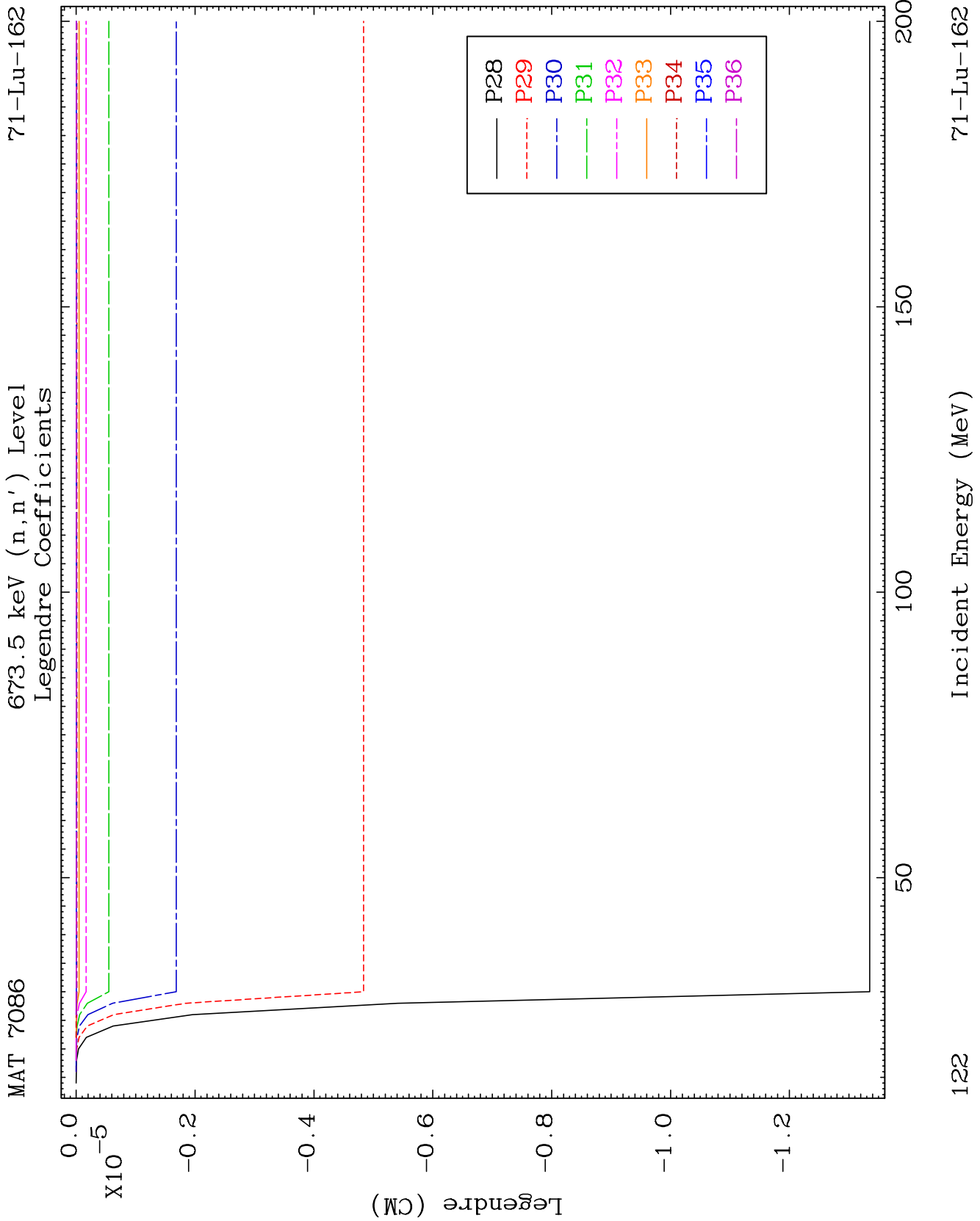


71-Lu-162

Incident Energy (MeV)

120

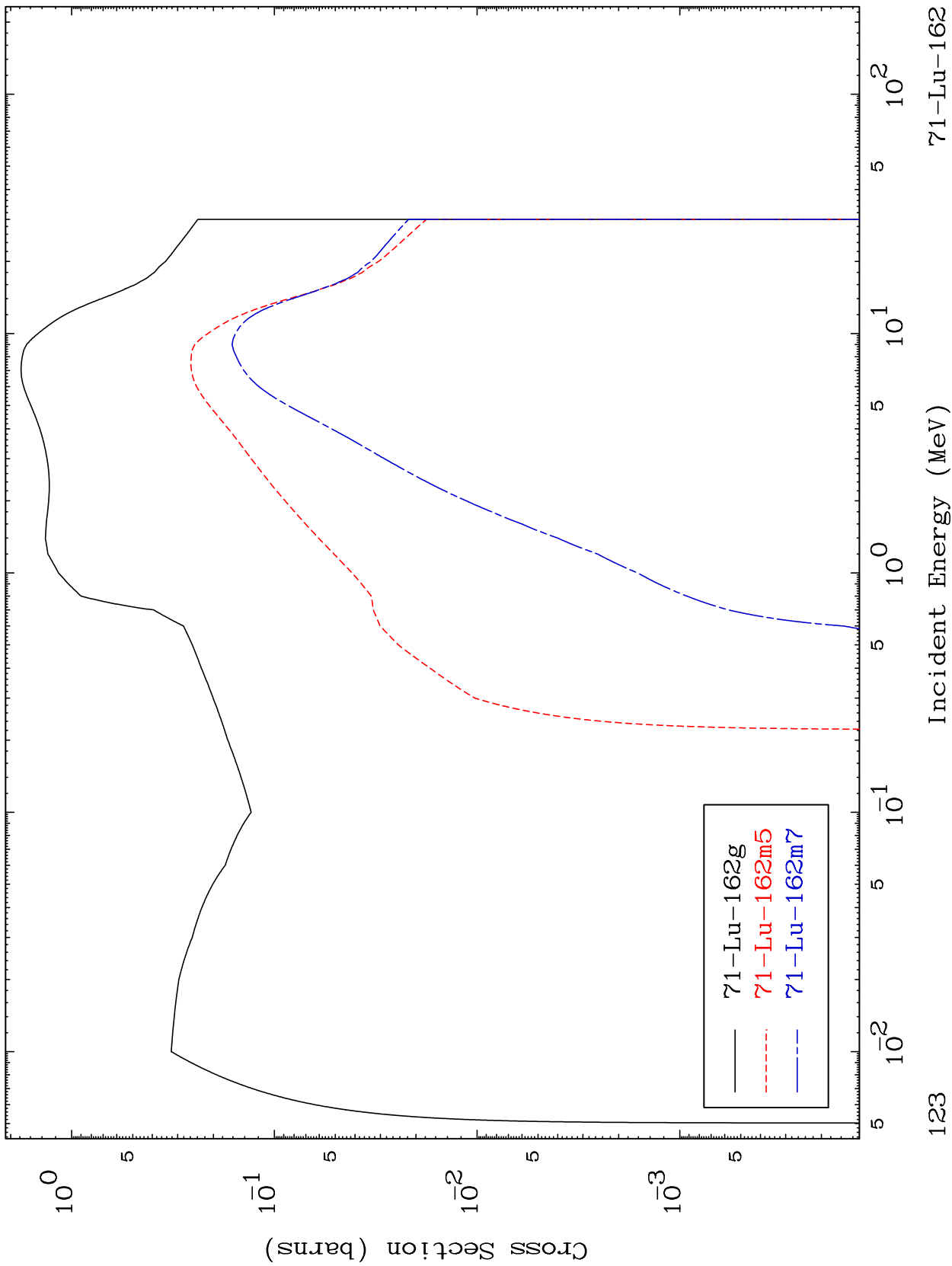




MAT 7086

71-Lu-162

Inelastic
Radionuclide Production Cross Section

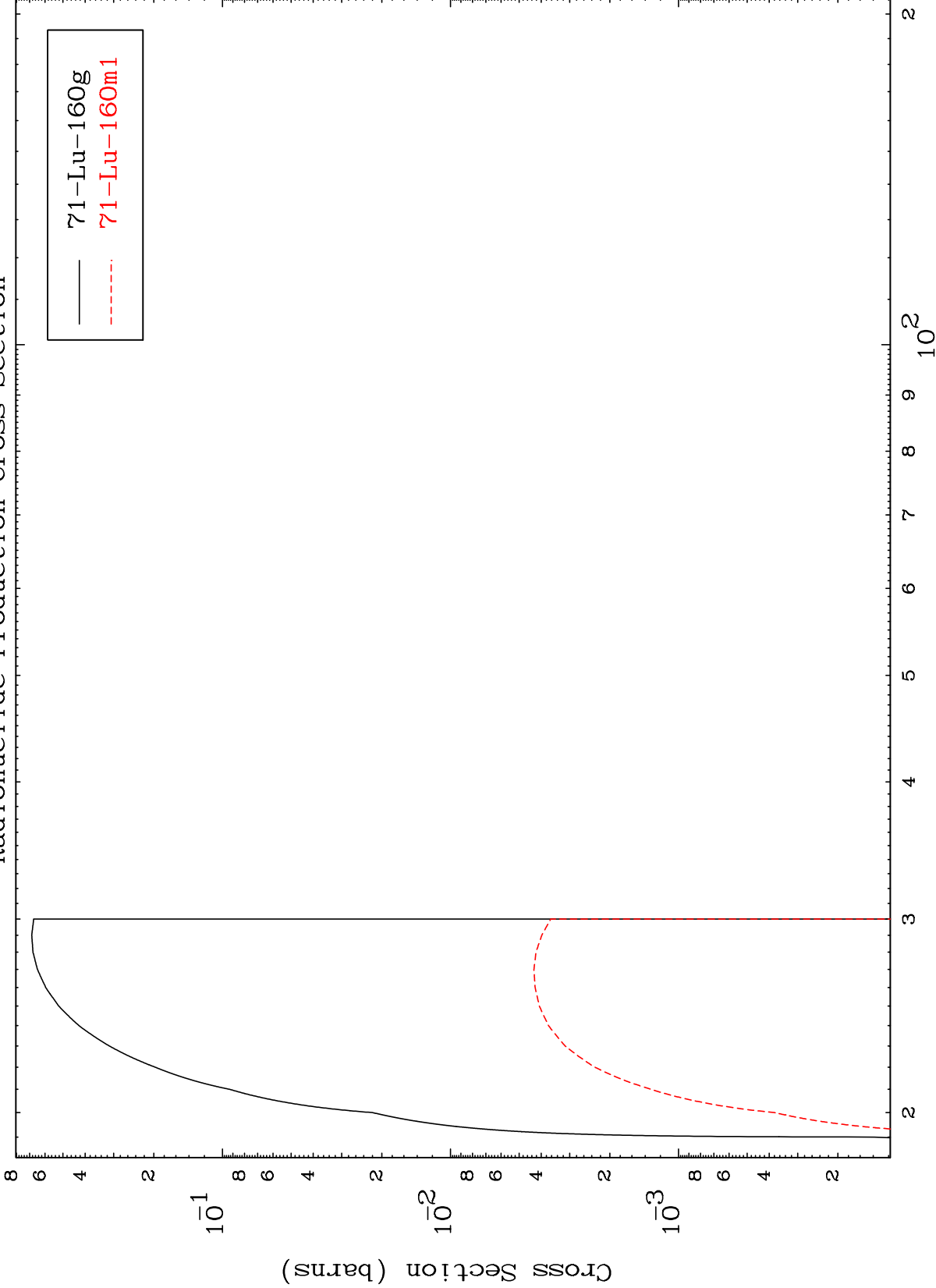


MAT 7086

(n,3n)

⁷¹Lu-162

Radionuclide Production Cross Section



124

Incident Energy (MeV)

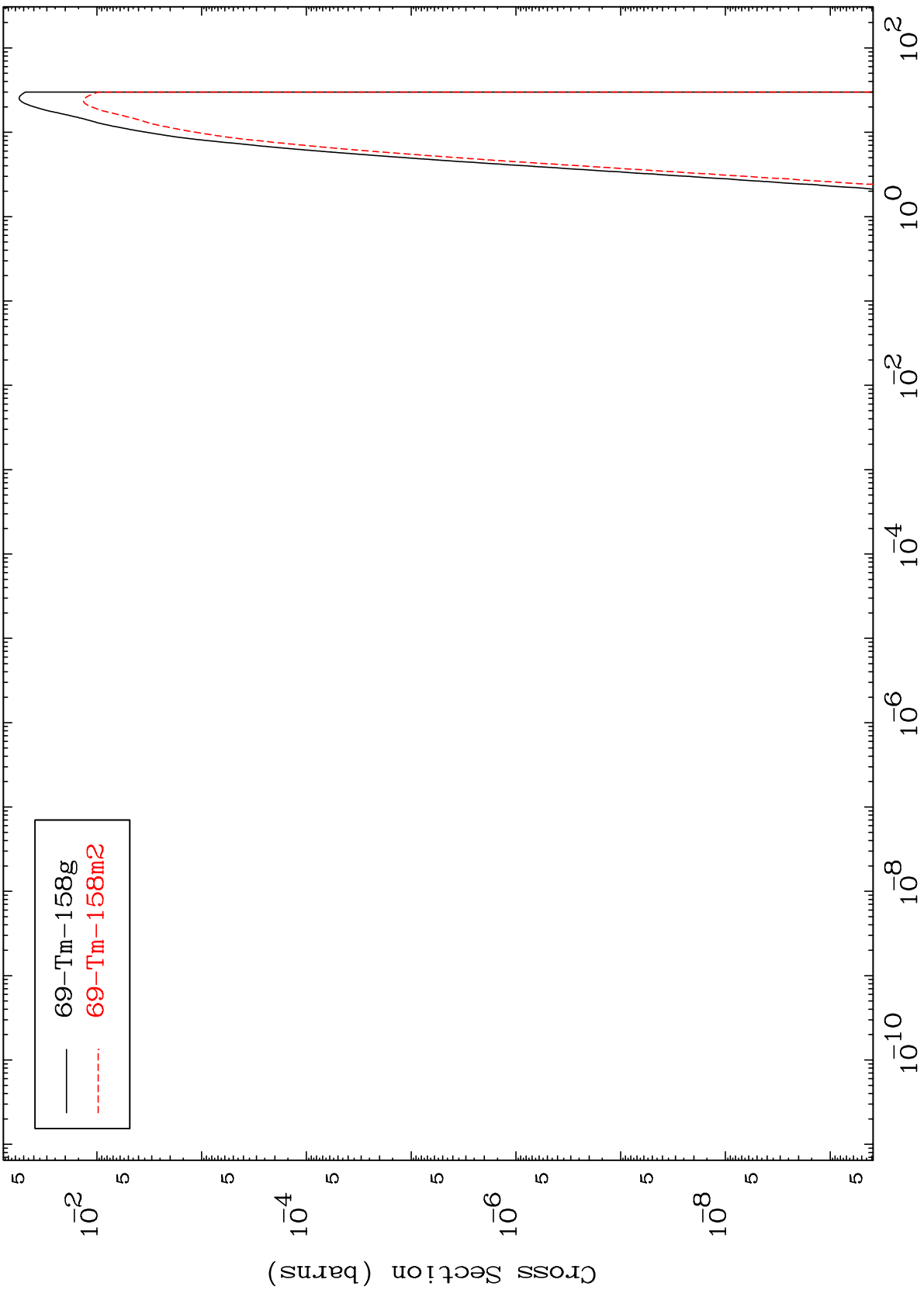
⁷¹Lu-162

MAT 7086

(n, n') α

71-Lu-162

Radionuclide Production Cross Section



125

Incident Energy (MeV)

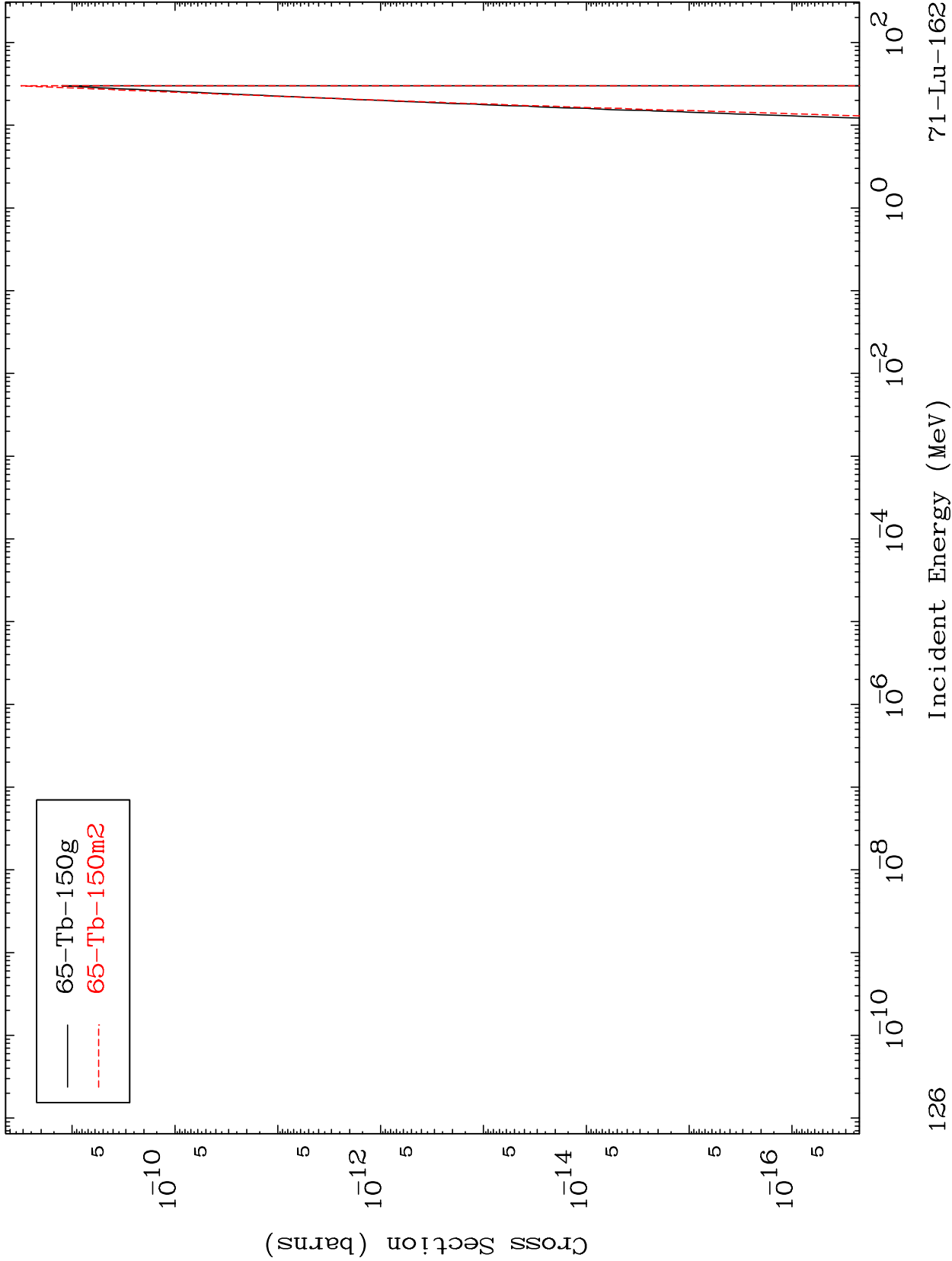
71-Lu-162

MAT 7086

(n,n') 3 α

⁷¹Lu-162

Radionuclide Production Cross Section

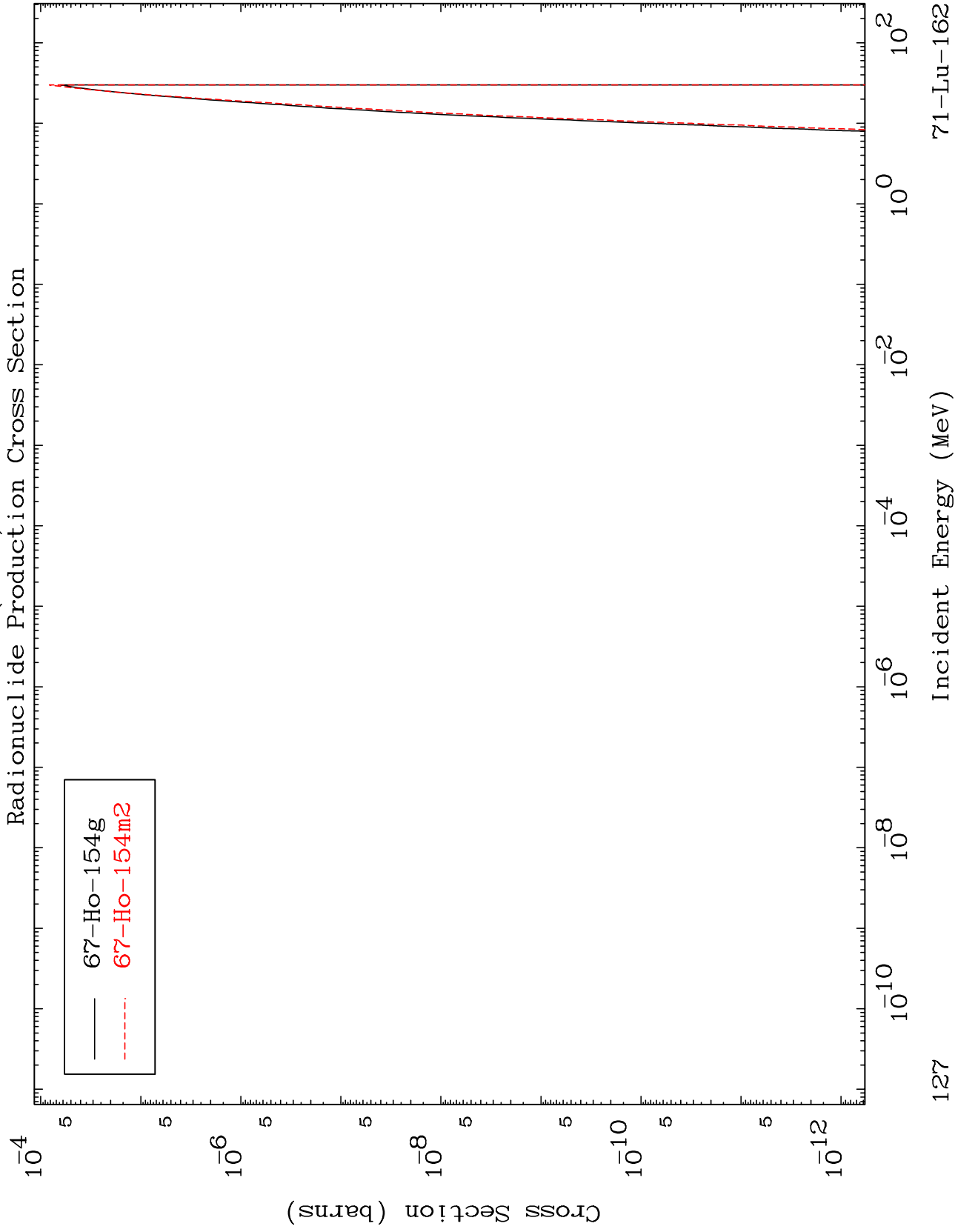


MAT 7086

(n,n') 2α

71-Lu-162

Radionuclide Production Cross Section



127

Incident Energy (MeV)

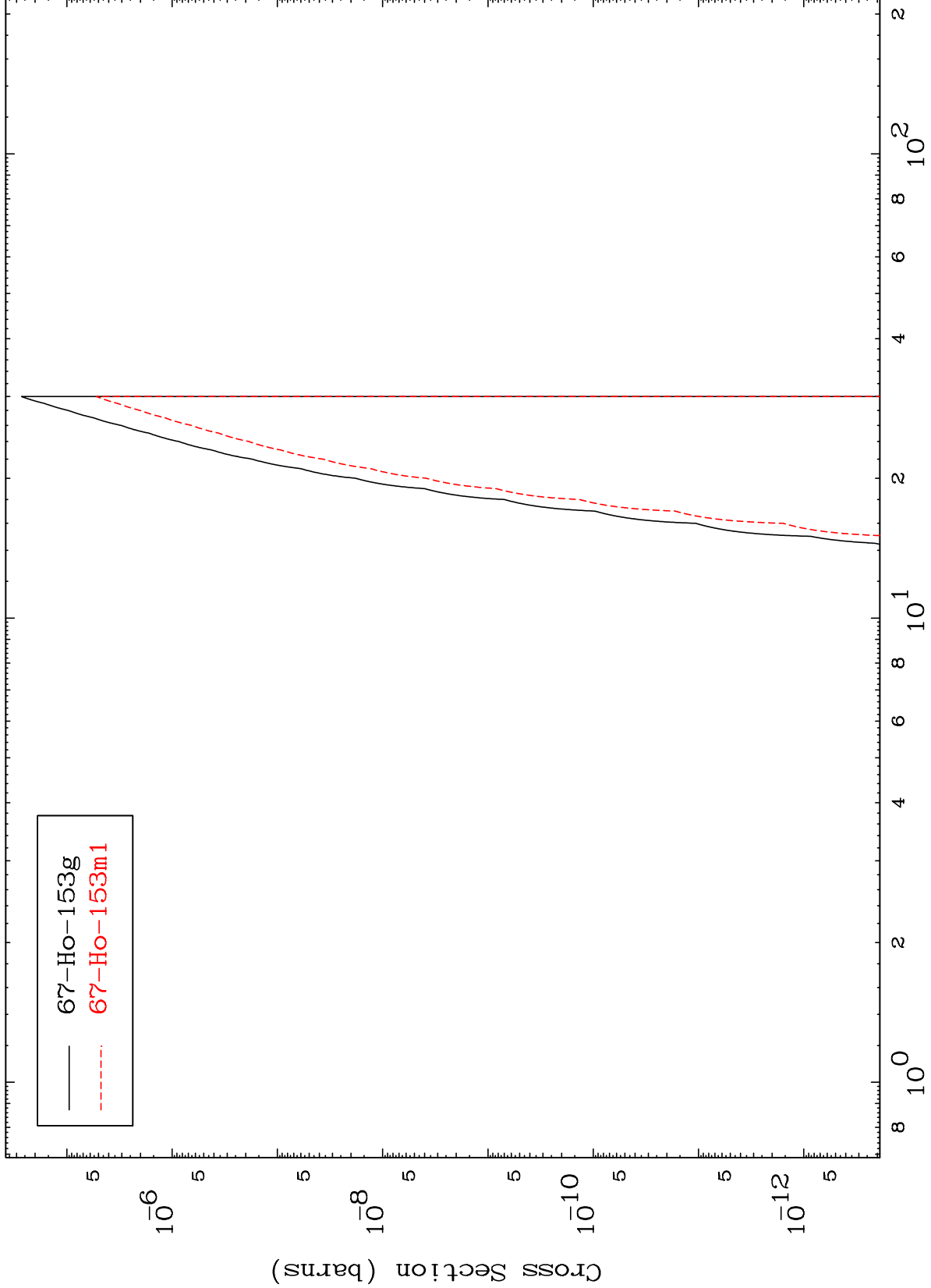
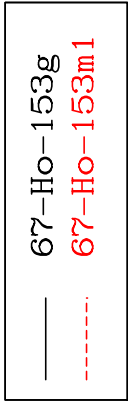
71-Lu-162

MAT 7086

(n,2n) 2α

71-Lu-162

Radionuclide Production Cross Section



128

Incident Energy (MeV)

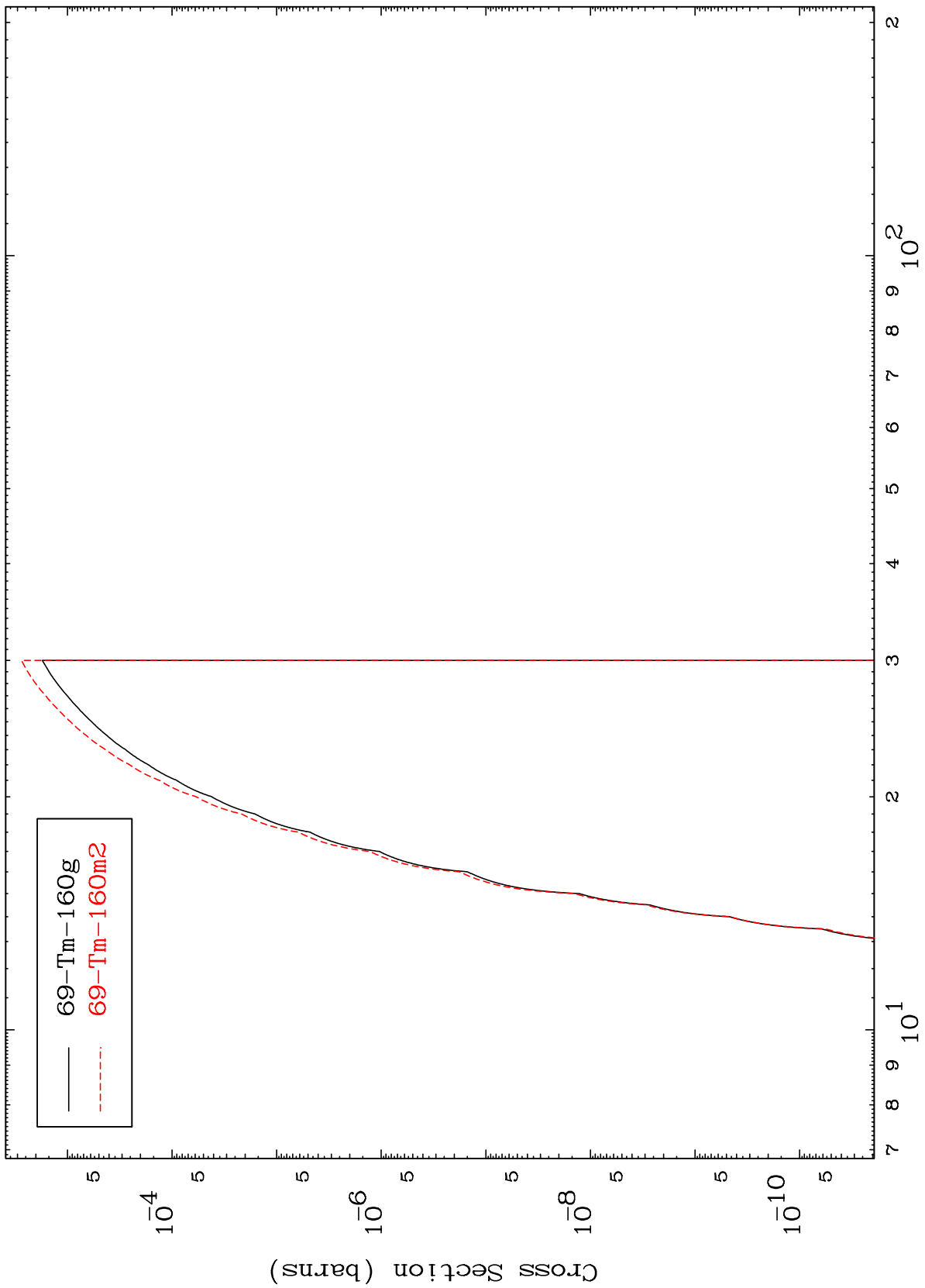
71-Lu-162

MAT 7086

(n,2n) p

71-Lu-162

Radionuclide Production Cross Section



129

Incident Energy (MeV)

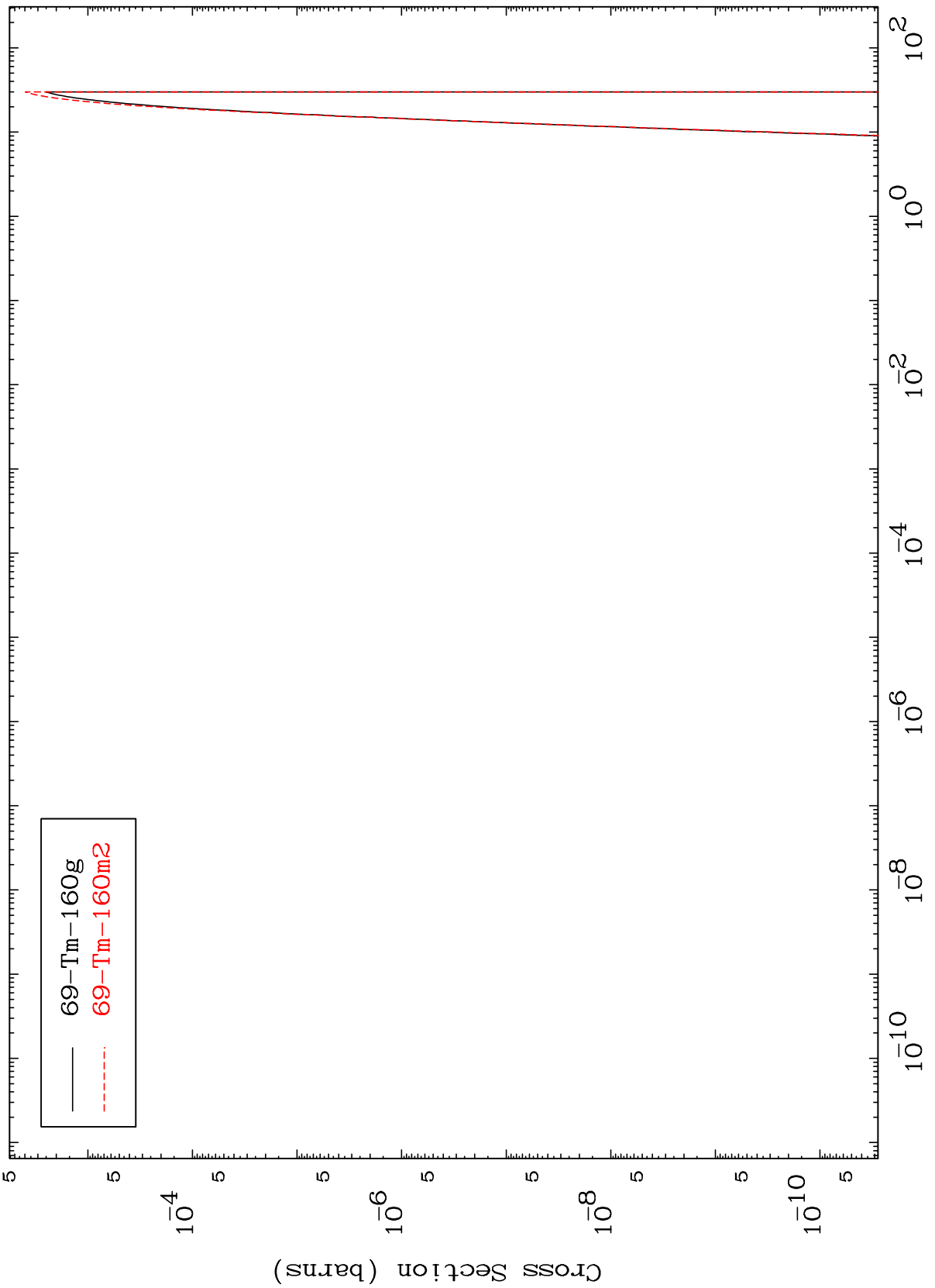
71-Lu-162

MAT 7086

(n,He-3)

71-Lu-162

Radionuclide Production Cross Section



130

Incident Energy (MeV)

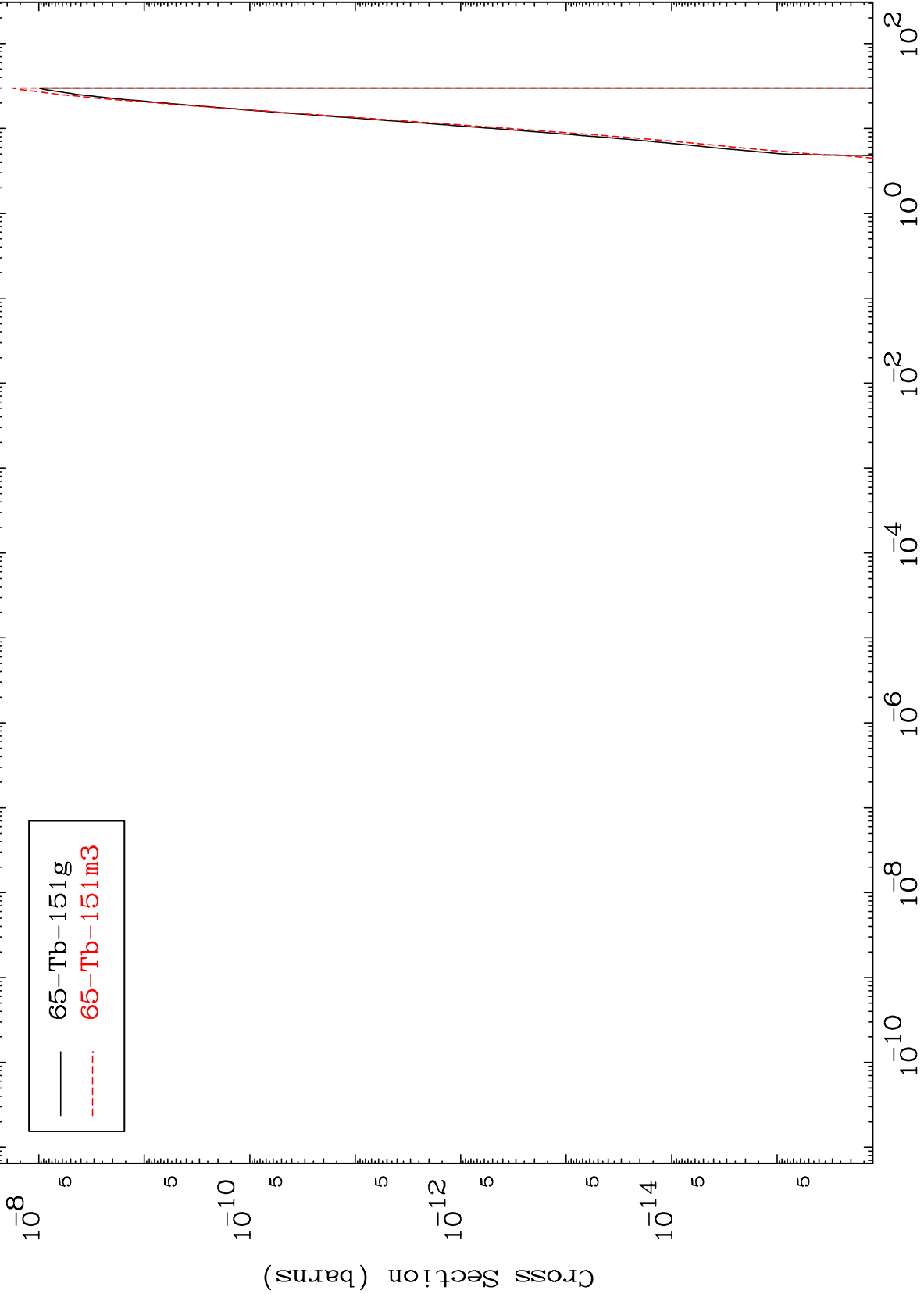
71-Lu-162

MAT 7086

(n,3α)

⁷¹Lu-162

Radionuclide Production Cross Section



131

Incident Energy (MeV)

⁷¹Lu-162

MAT 7086

(n,p) d

⁷¹Lu-162

