

Program EVALPLOT
(Version 2015-2)

by

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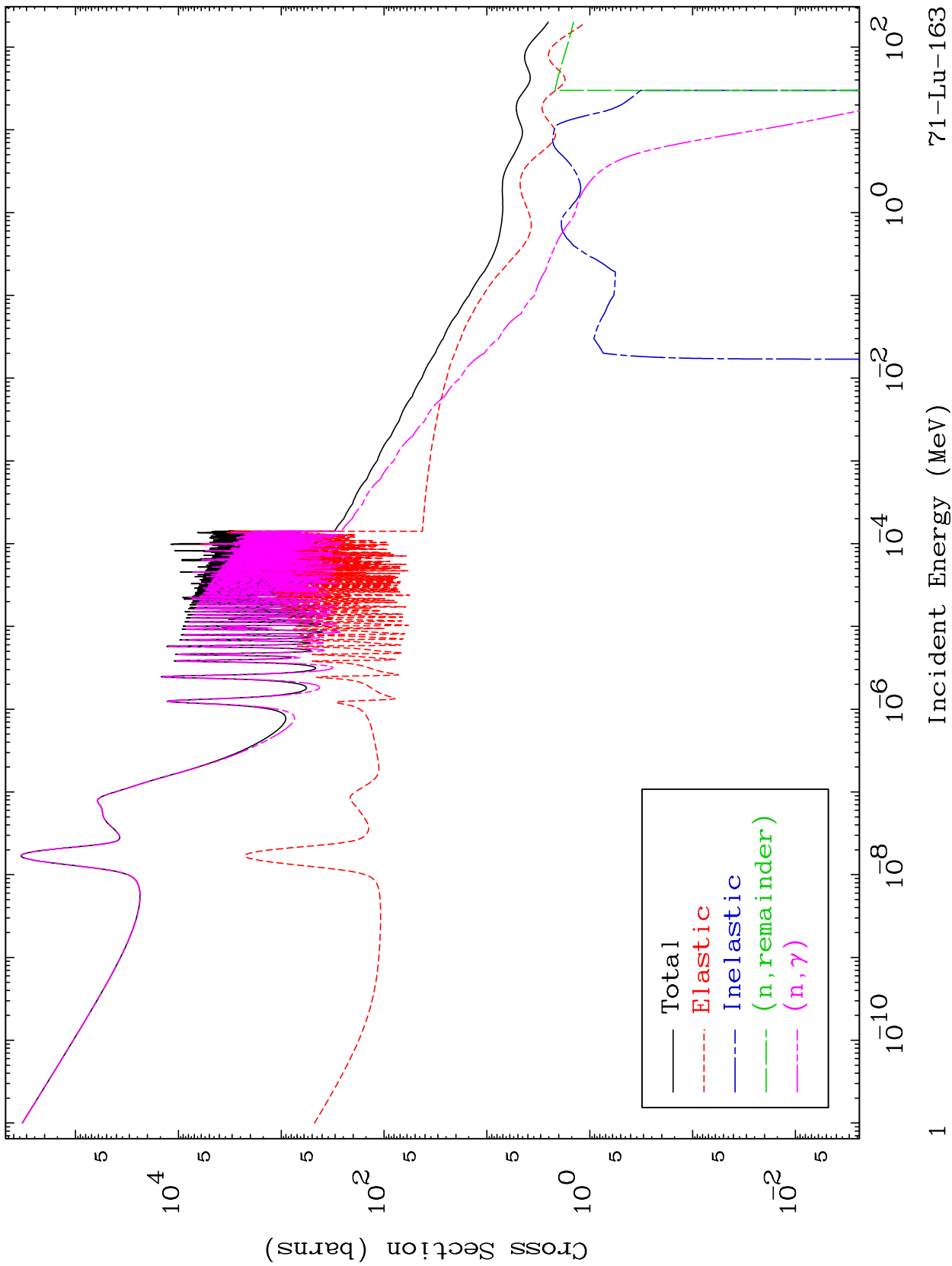
Press Mouse Button to Start

MAT 7089

Major

71-Lu-163

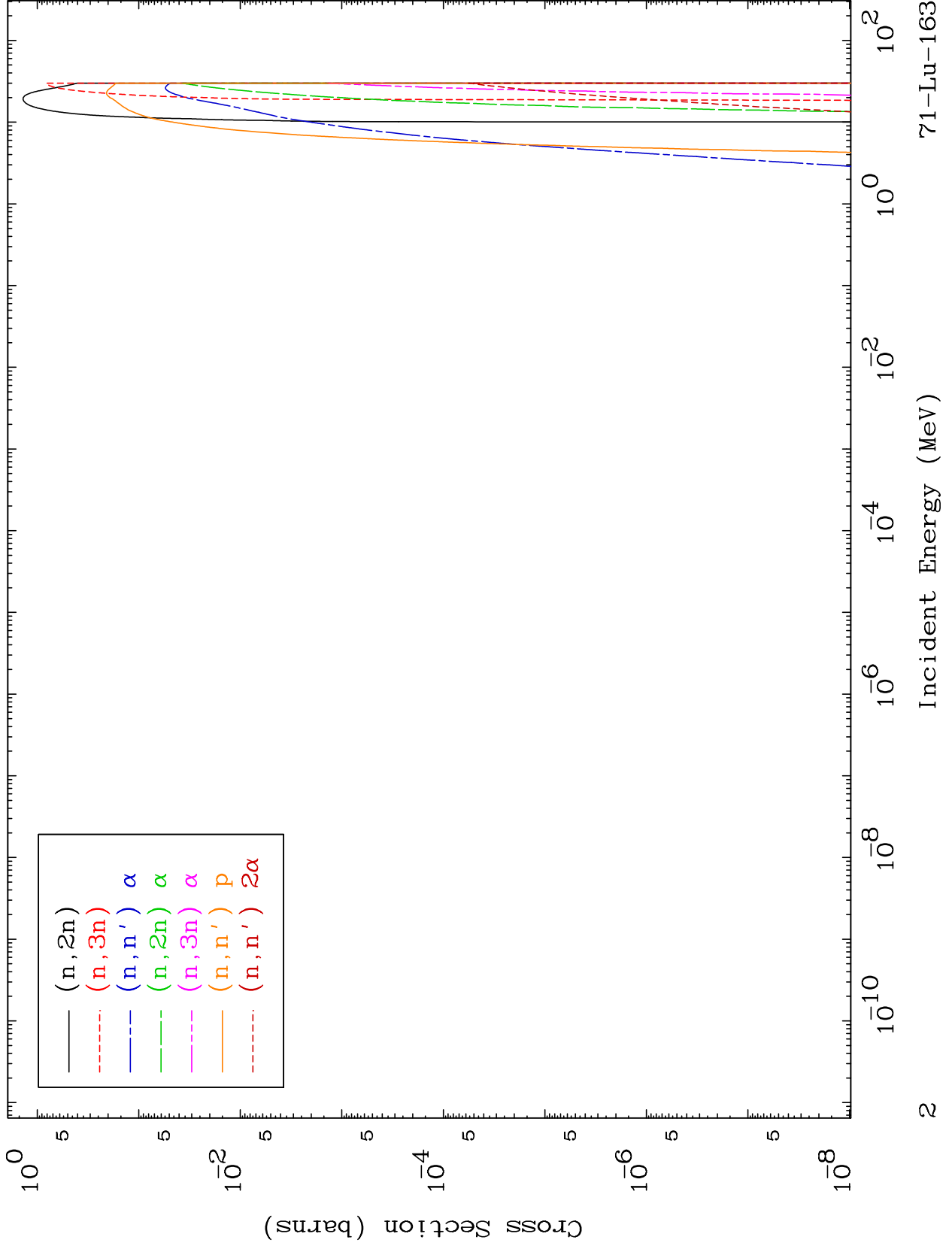
293 Kelvin Cross Sections

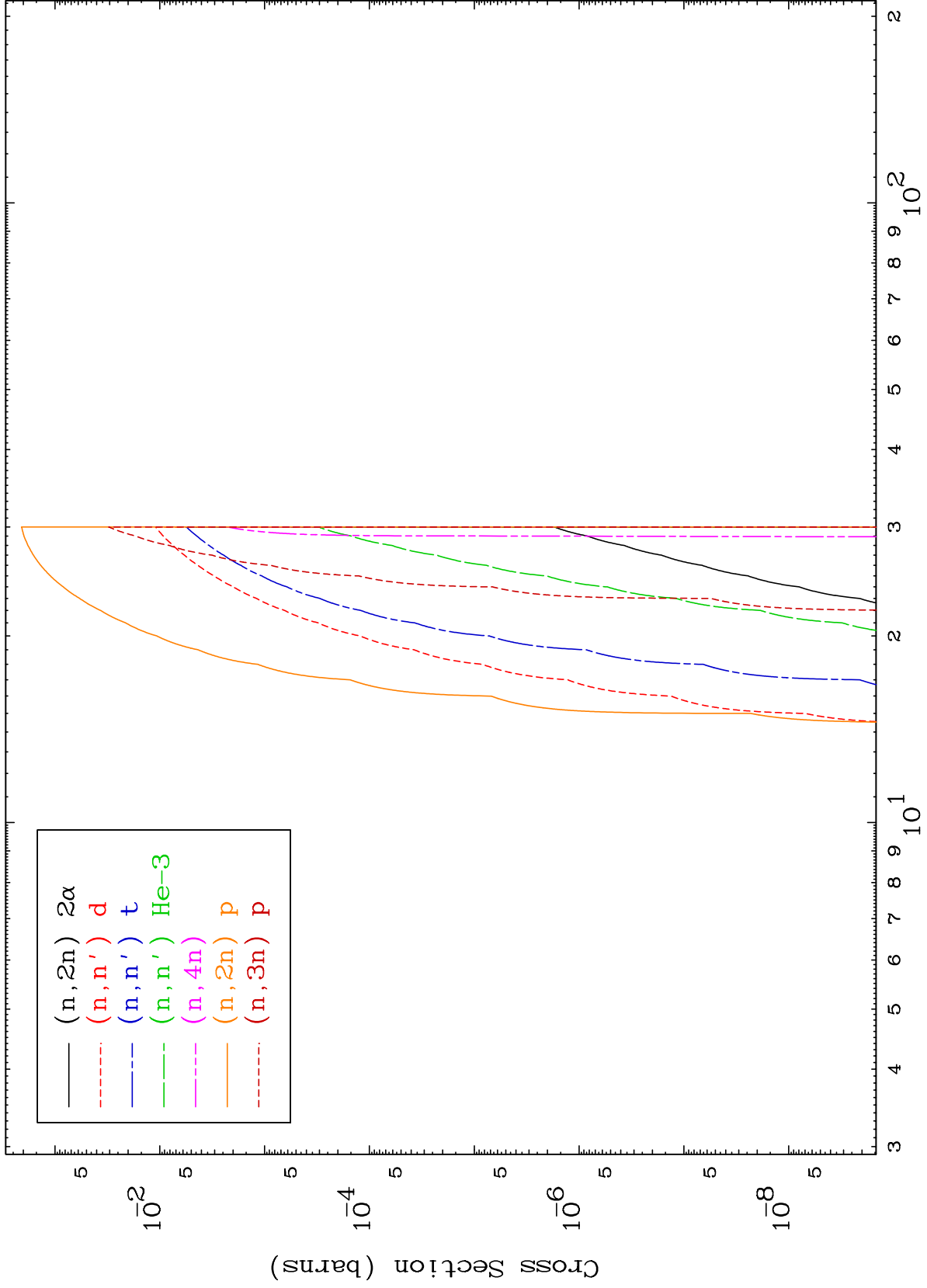


MAT 7089

Neutron Production
293 Kelvin Cross Sections

71-Lu-163

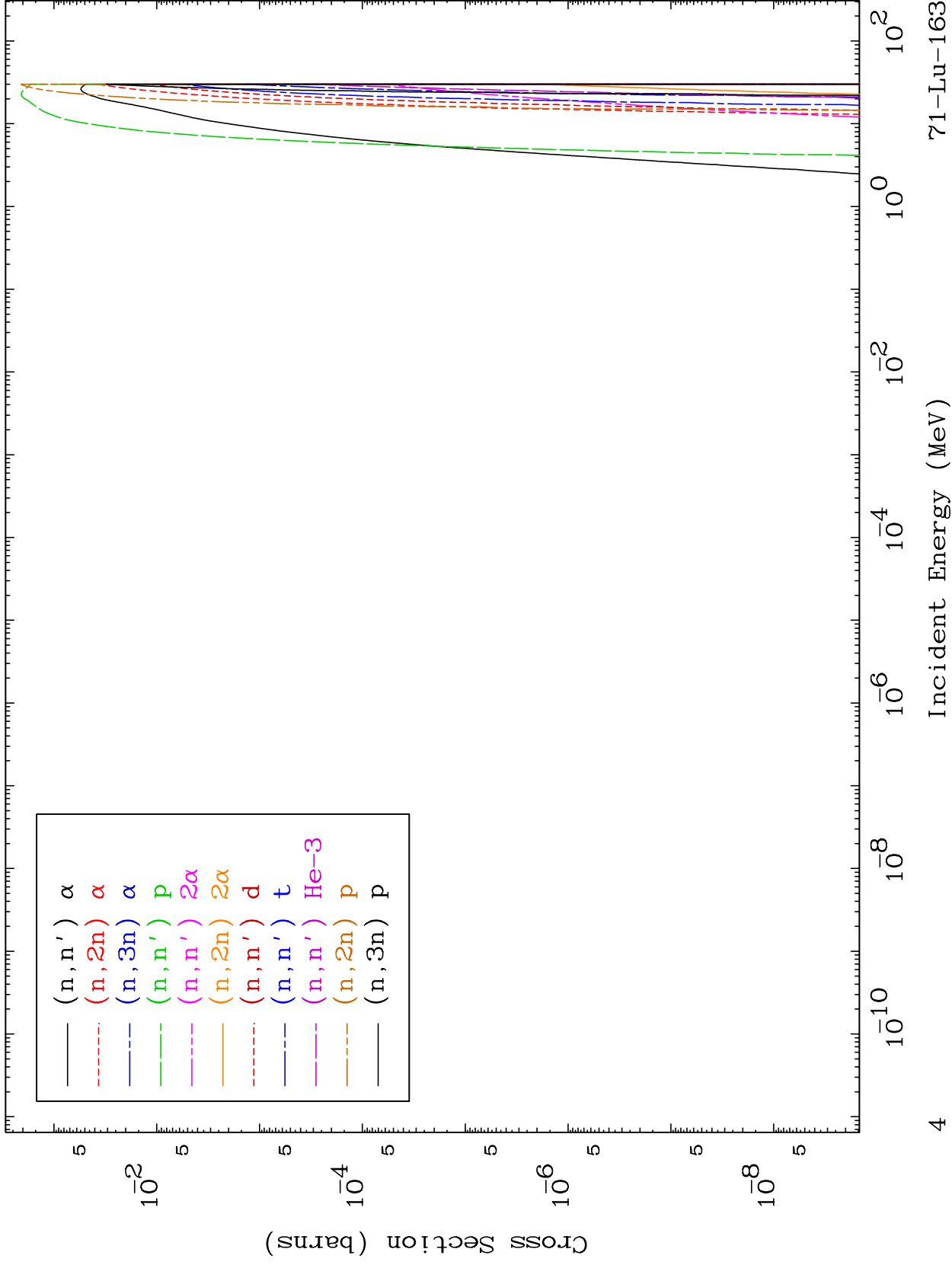


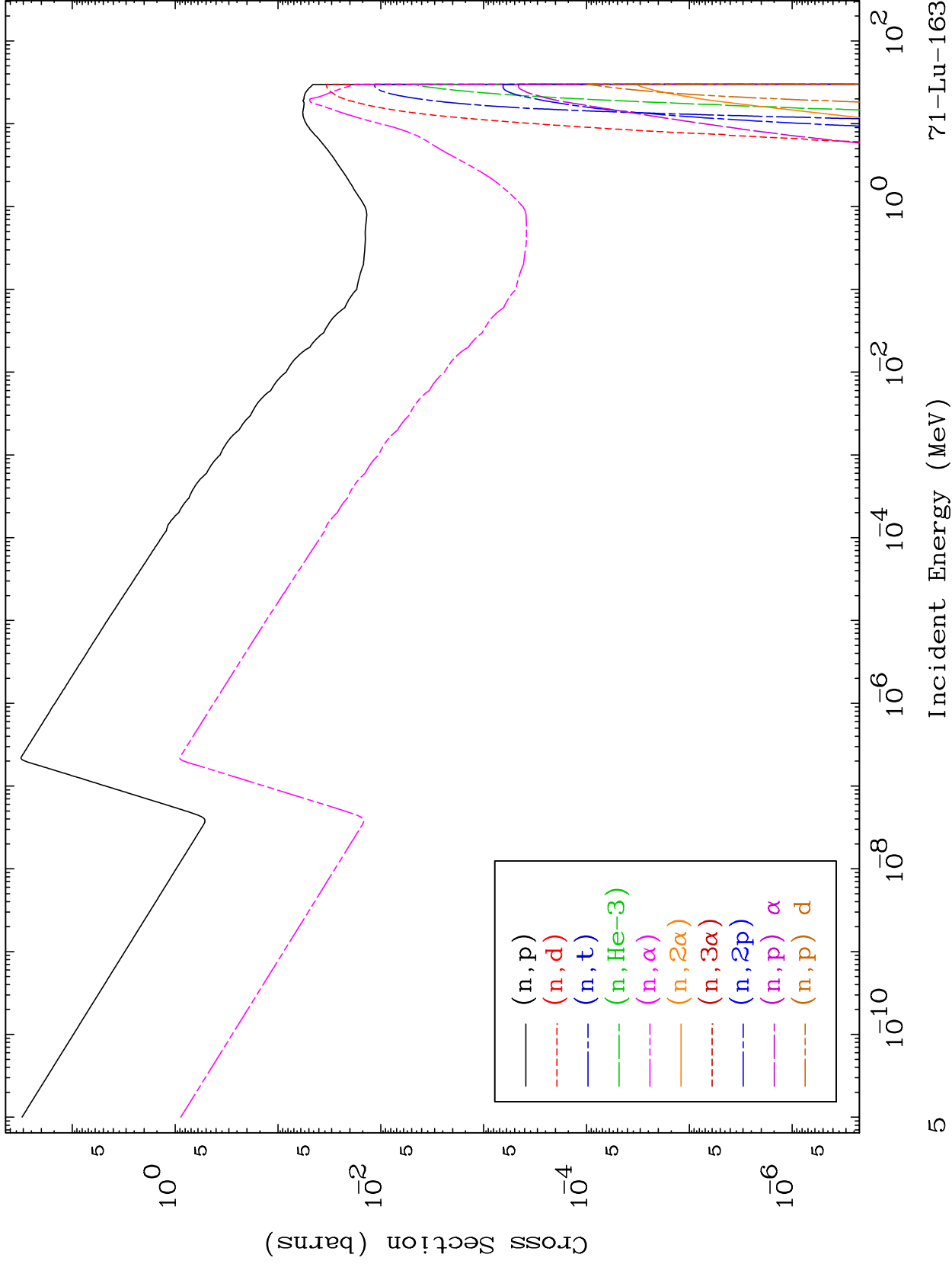


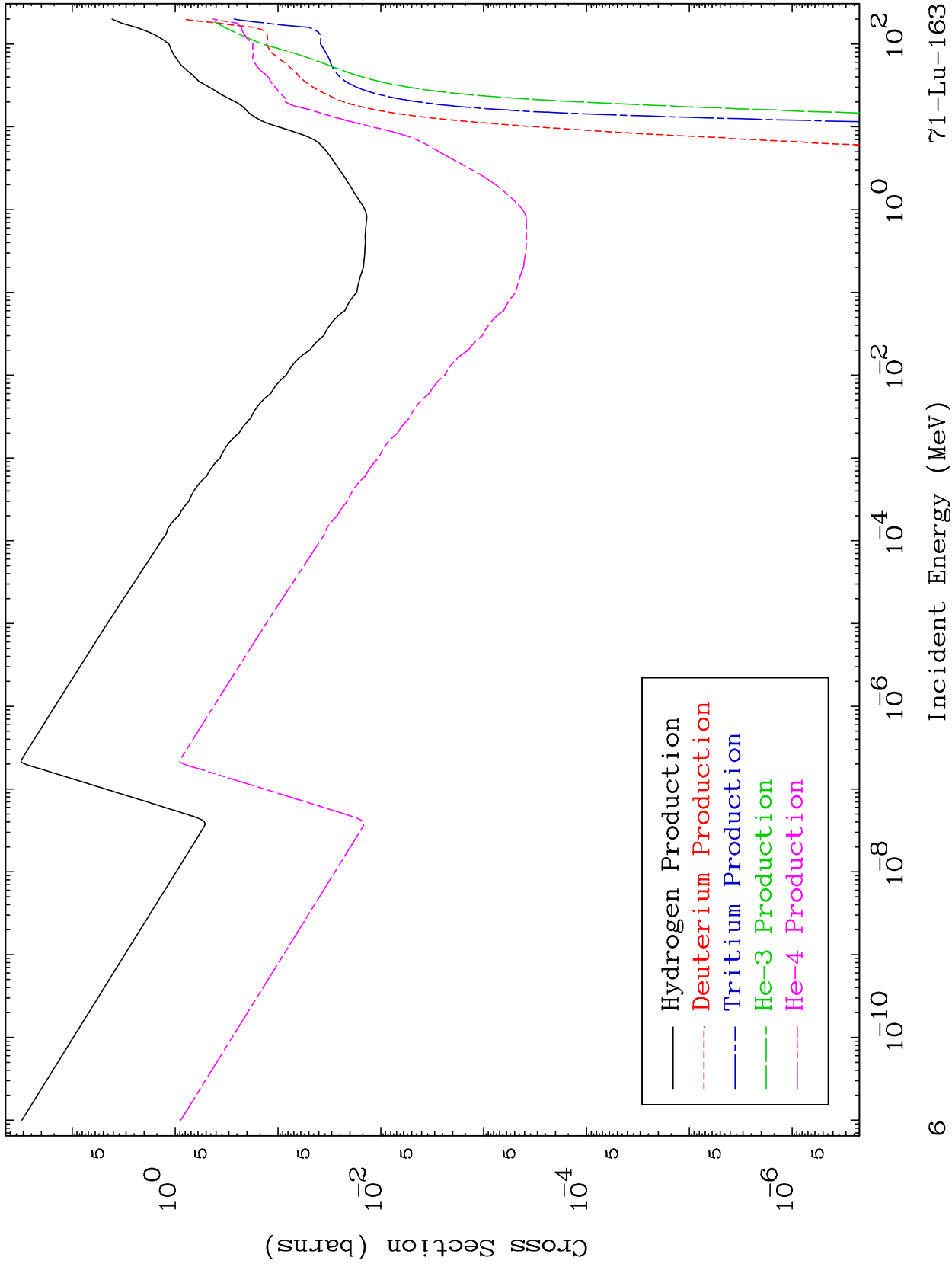
MAT 7089

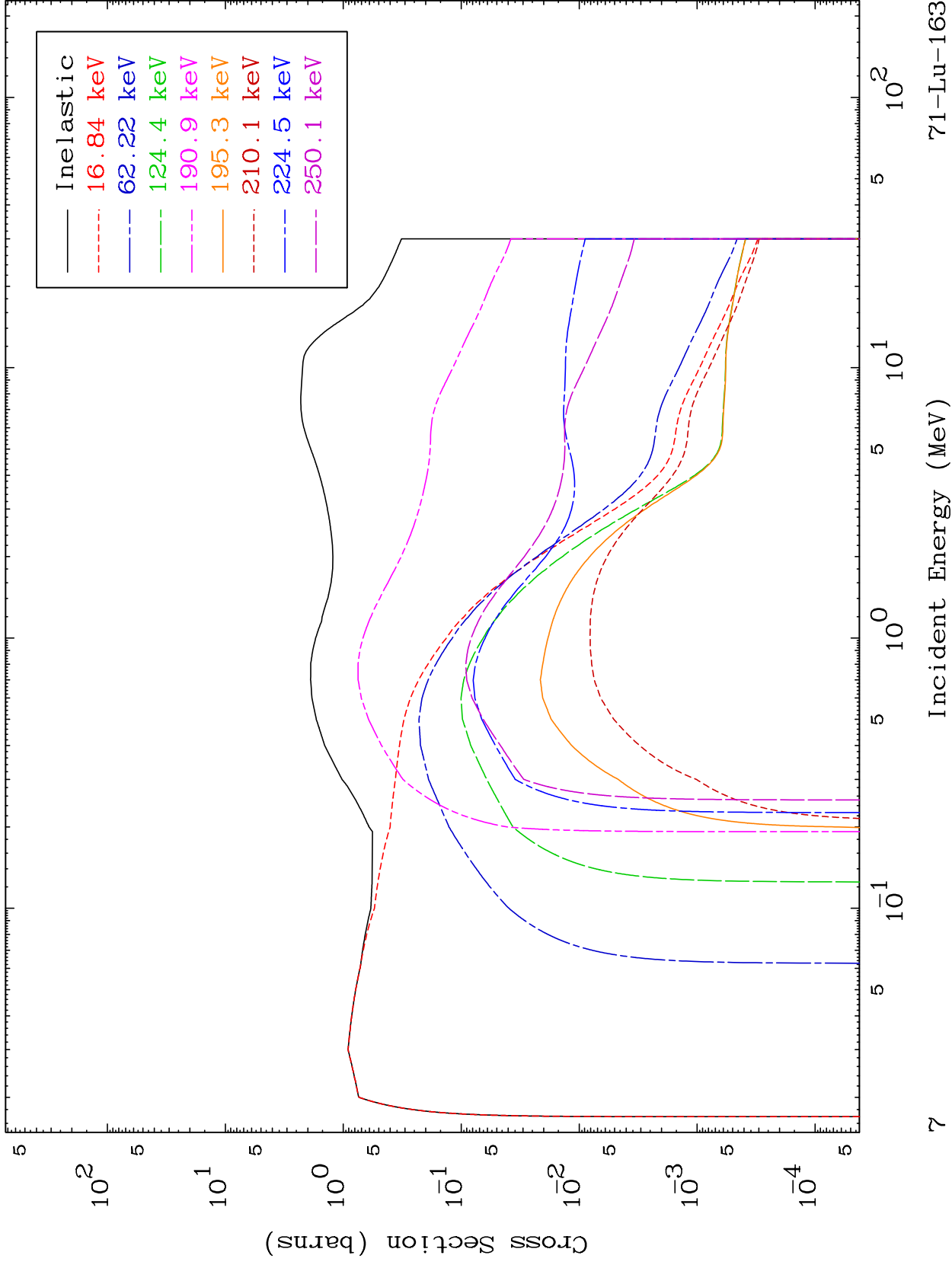
Charged Particle
293 Kelvin Cross Sections

71-Lu-163





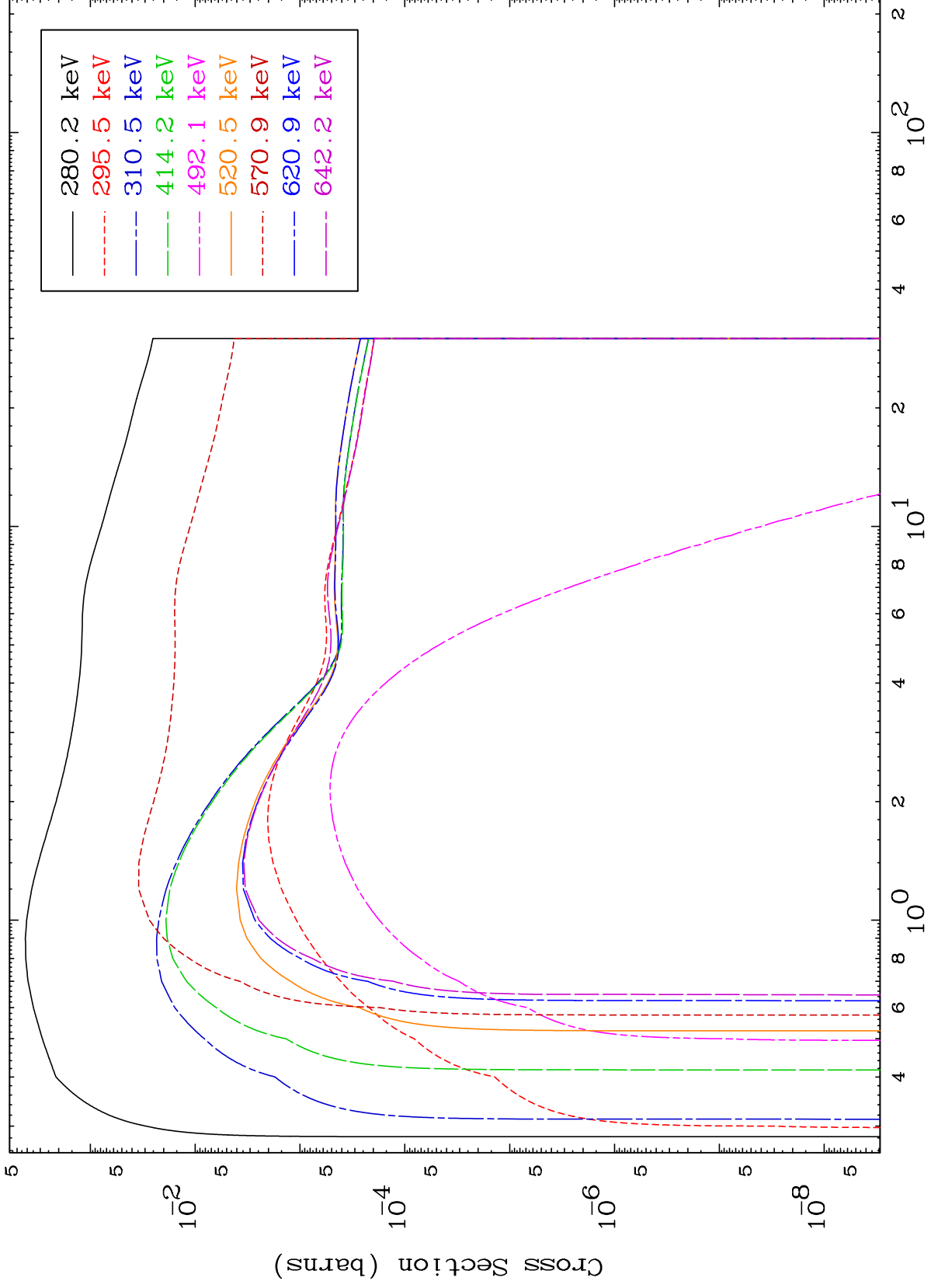




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(n,n') Level
293 Kelvin Cross Sections

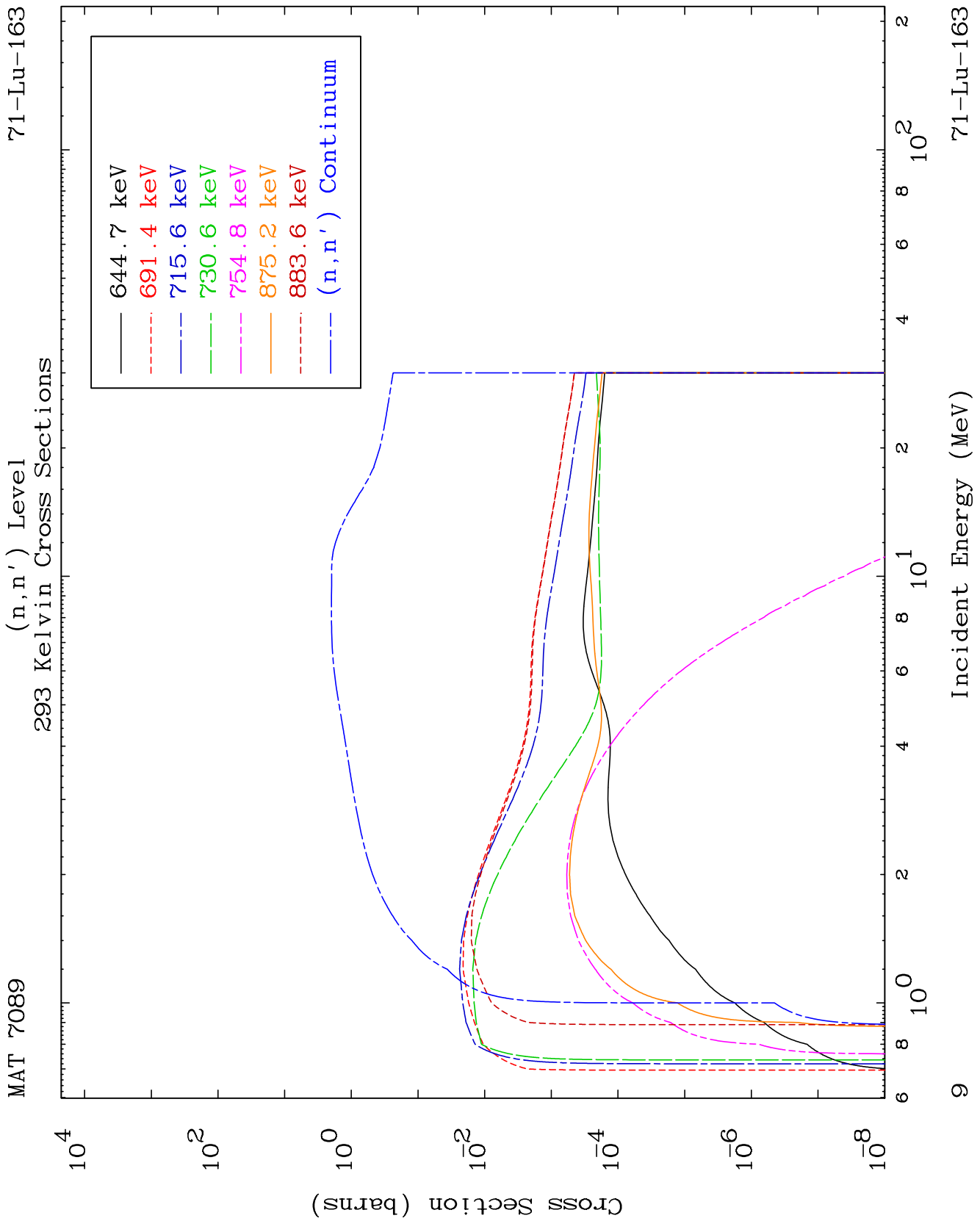
71-Lu-163



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Incident Energy (MeV)

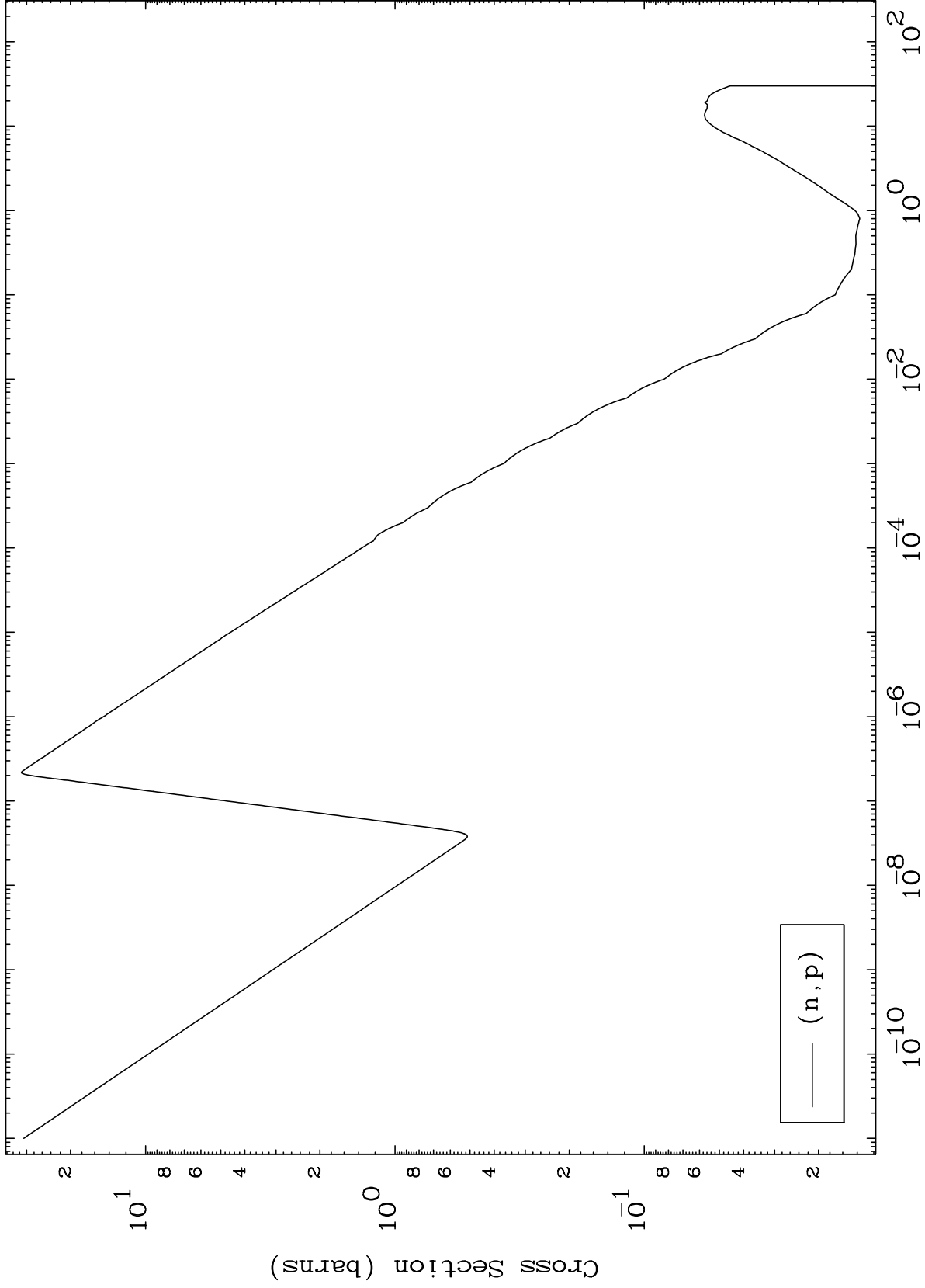
71-Lu-163



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(n,p) Levels
293 Kelvin Cross Sections

71-Lu-163



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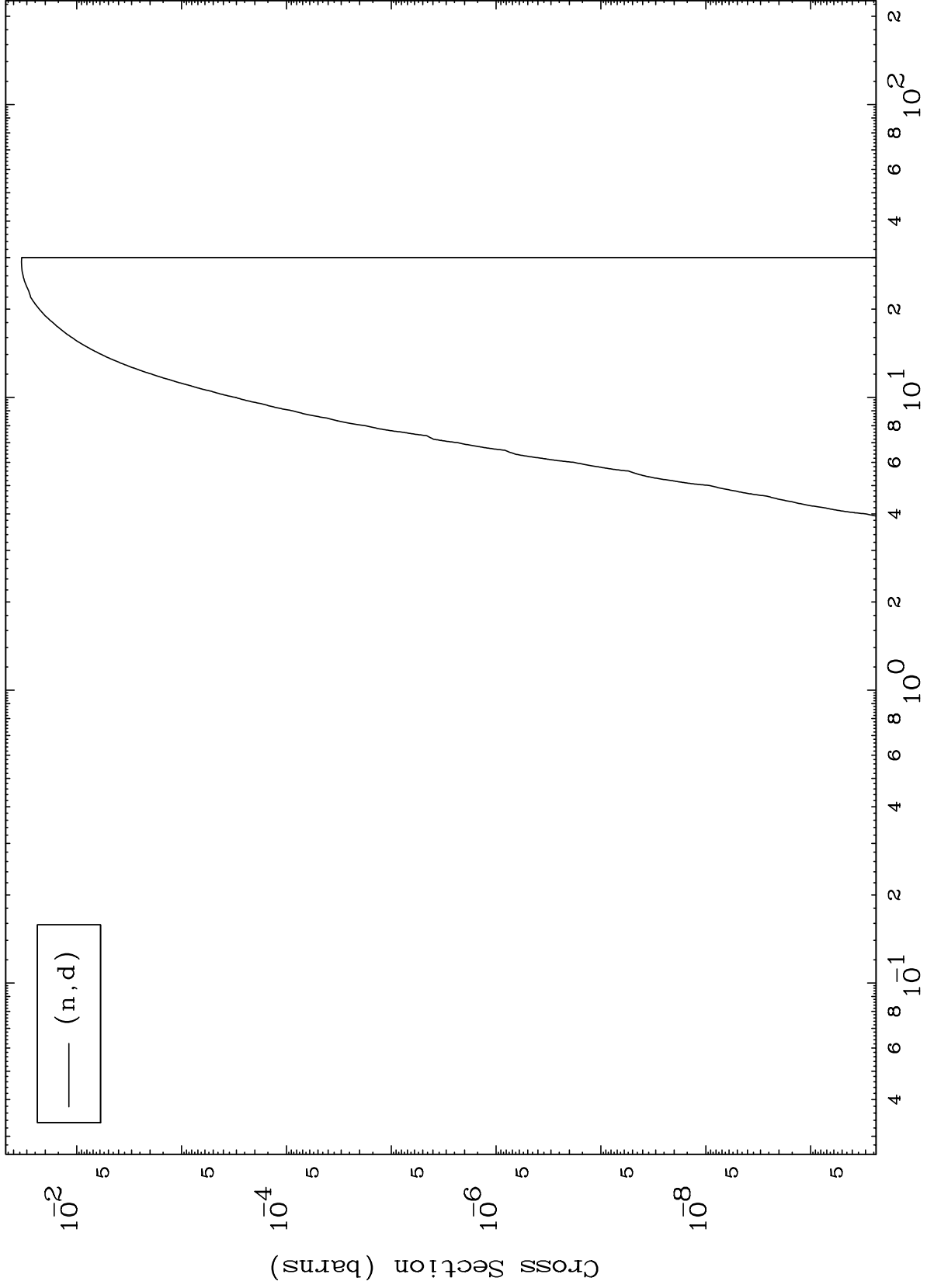
Incident Energy (MeV)

71-Lu-163

MAT 7089

(n,d) Levels
293 Kelvin Cross Sections

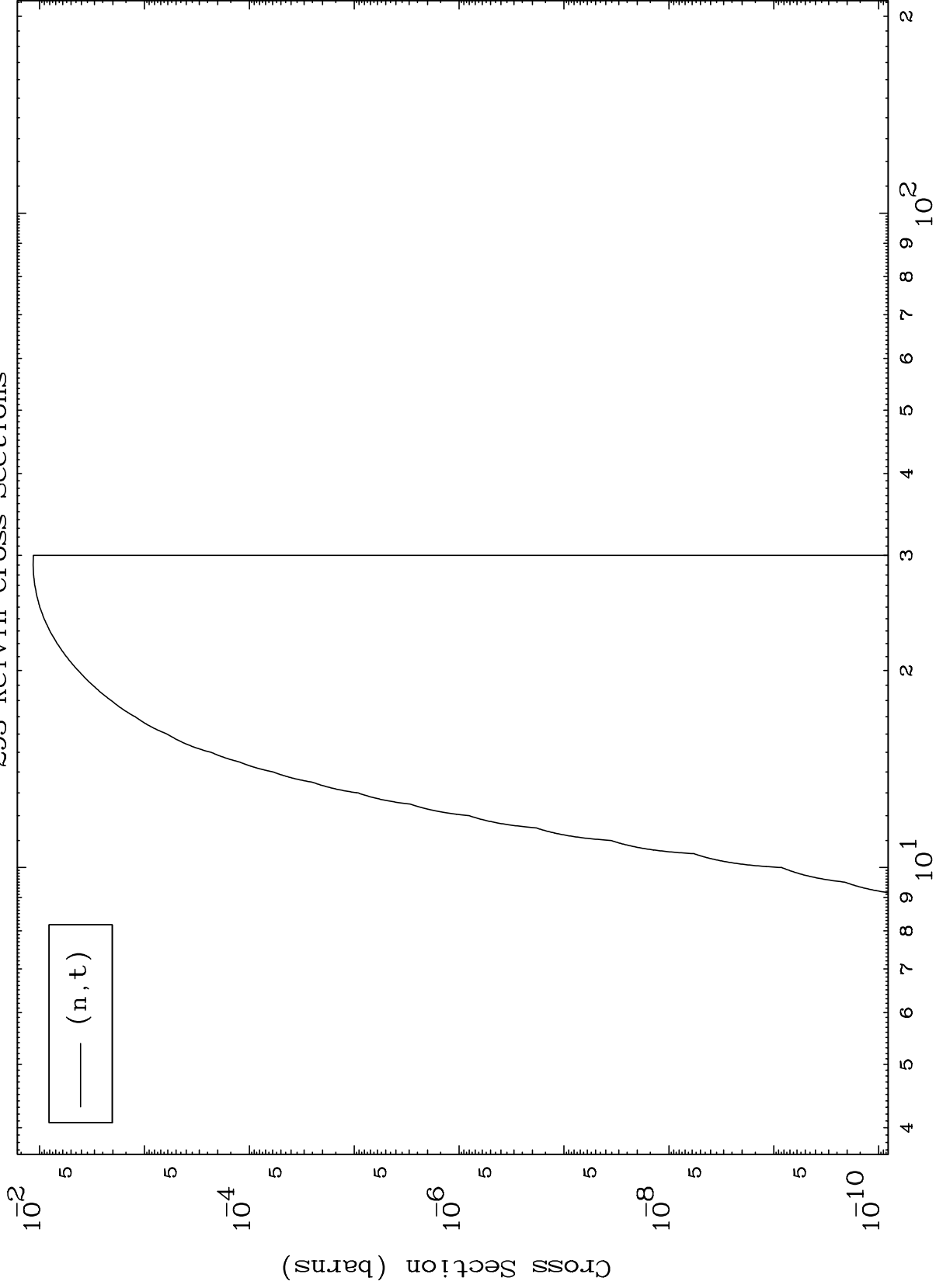
71-Lu-163



MAT 7089

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-163



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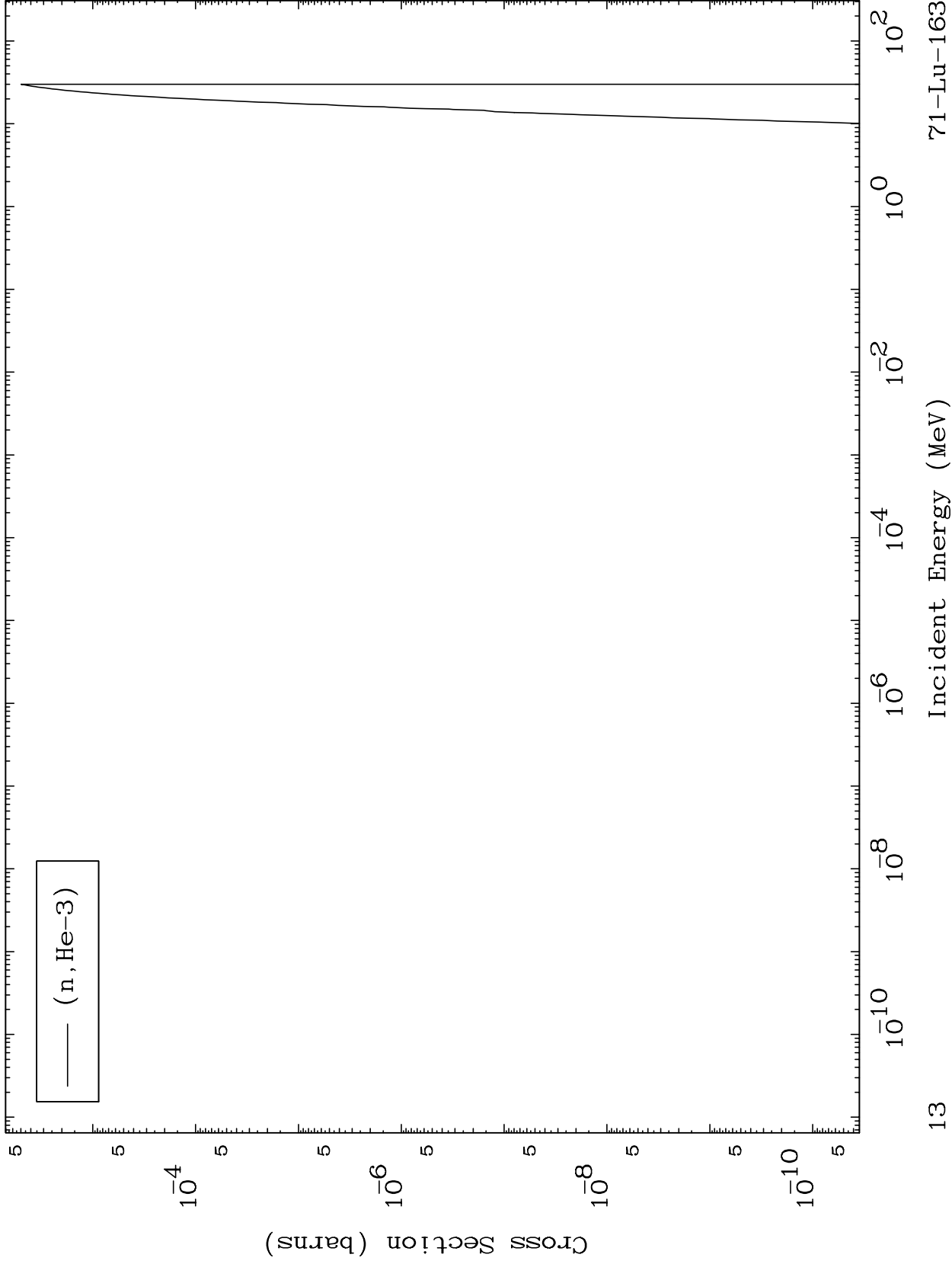
Incident Energy (MeV)

71-Lu-163

MAT 7089

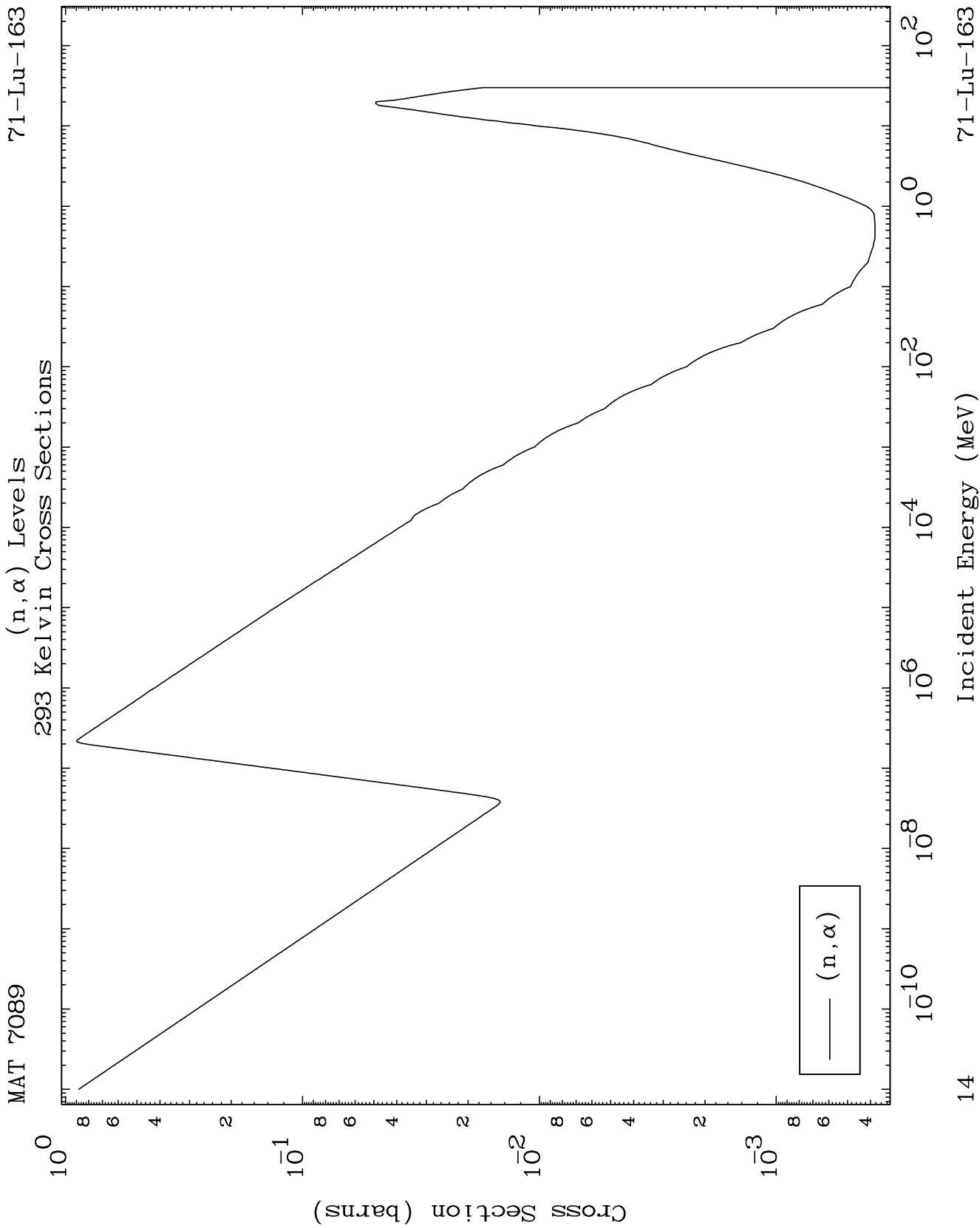
(n,He3) Levels
293 Kelvin Cross Sections

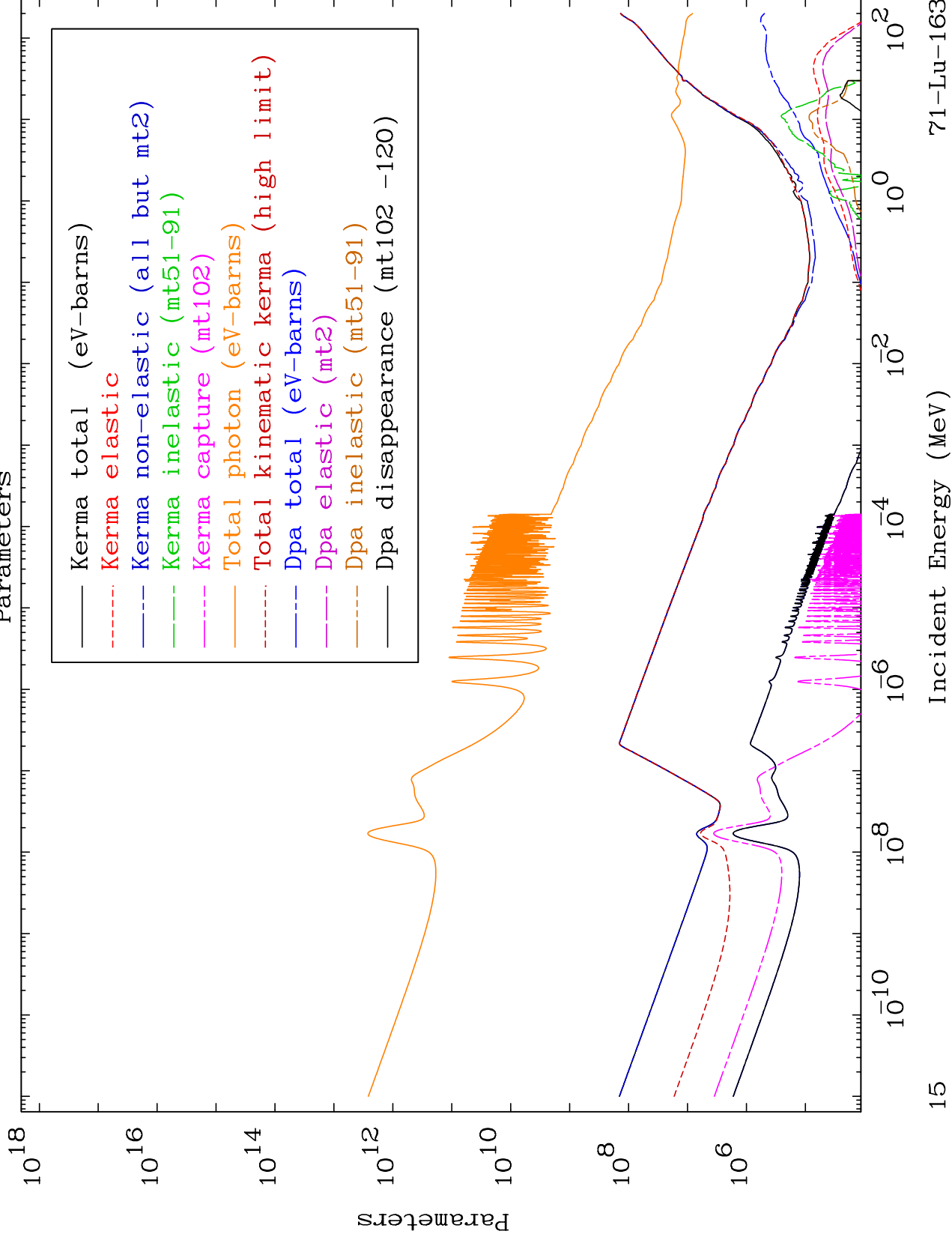
71-Lu-163



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71-Lu-163

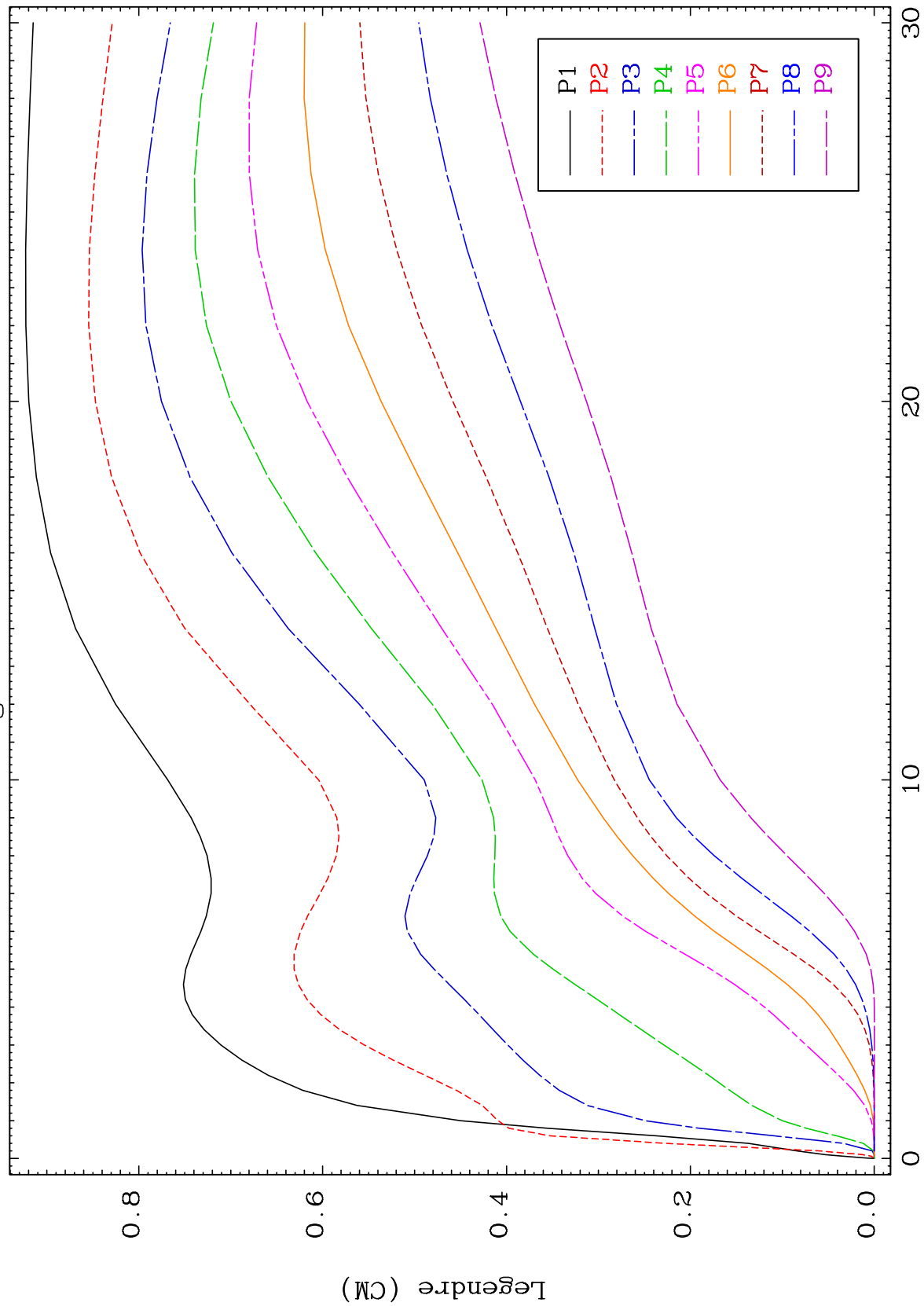




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Elastic Legendre Coefficients

71-Lu-163



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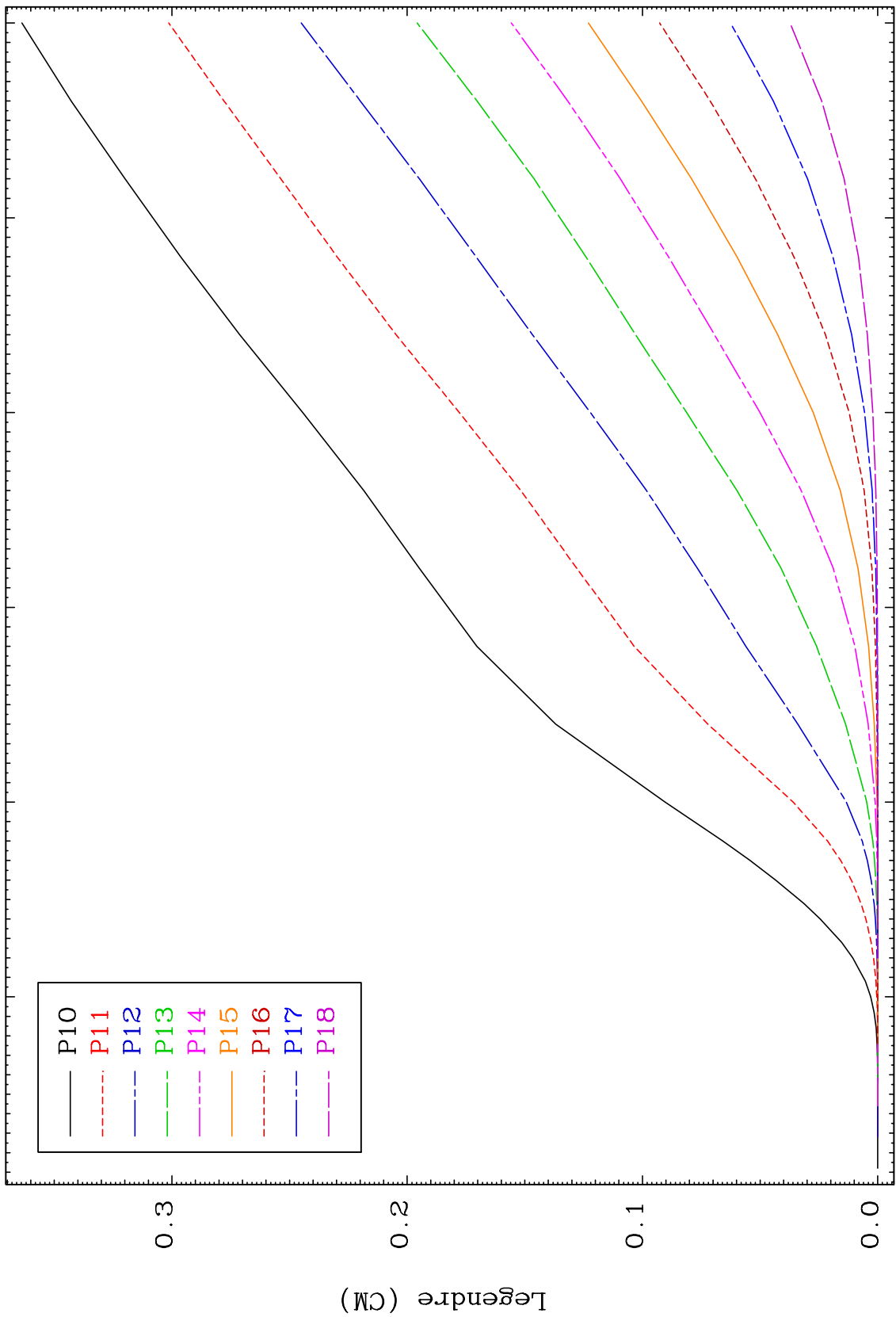
Incident Energy (MeV)

71-Lu-163

MAT 7089

Elastic Legendre Coefficients

⁷¹Lu-163



17

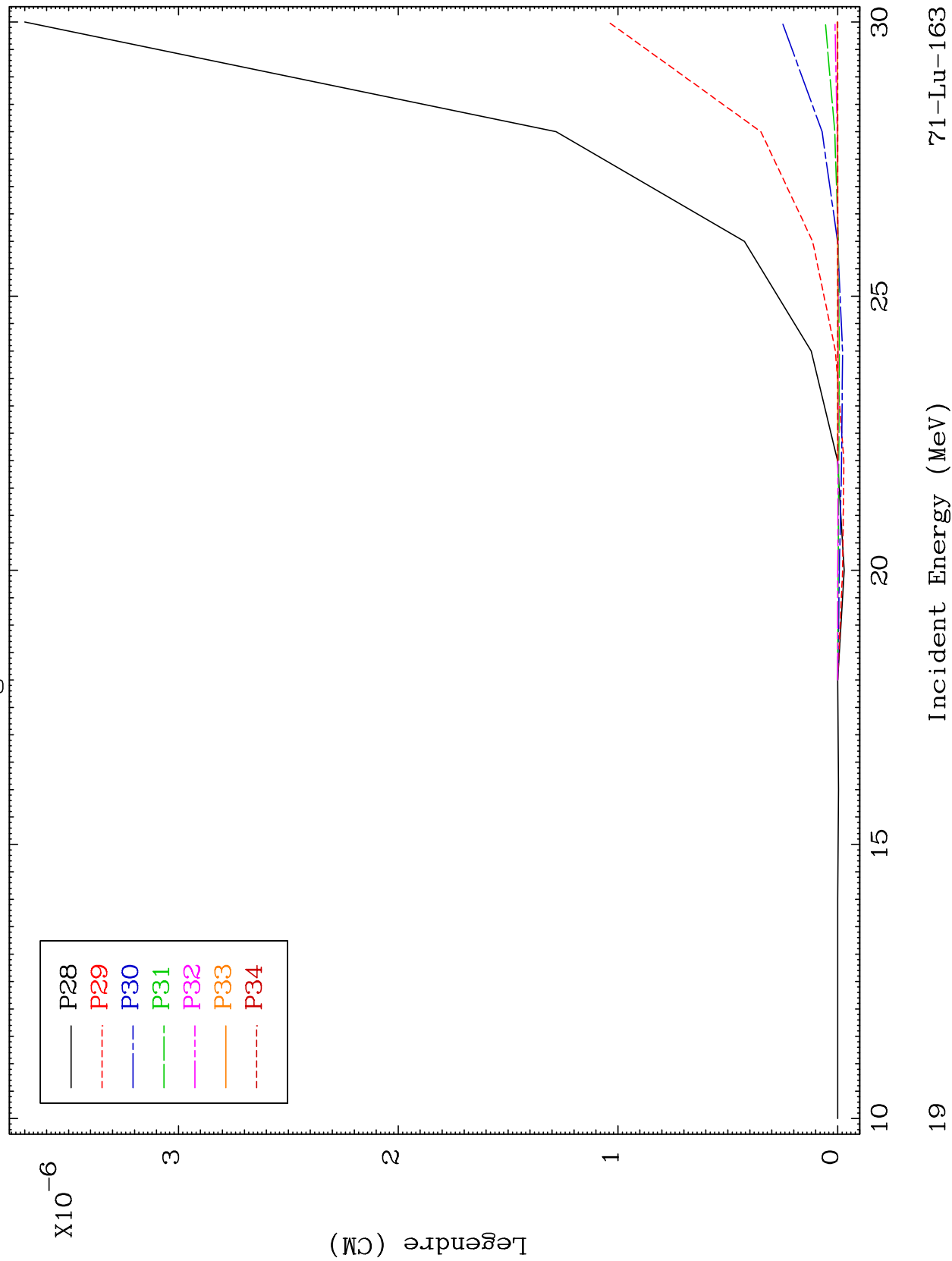
⁷¹Lu-163

Incident Energy (MeV)

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Elastic
Legendre Coefficients

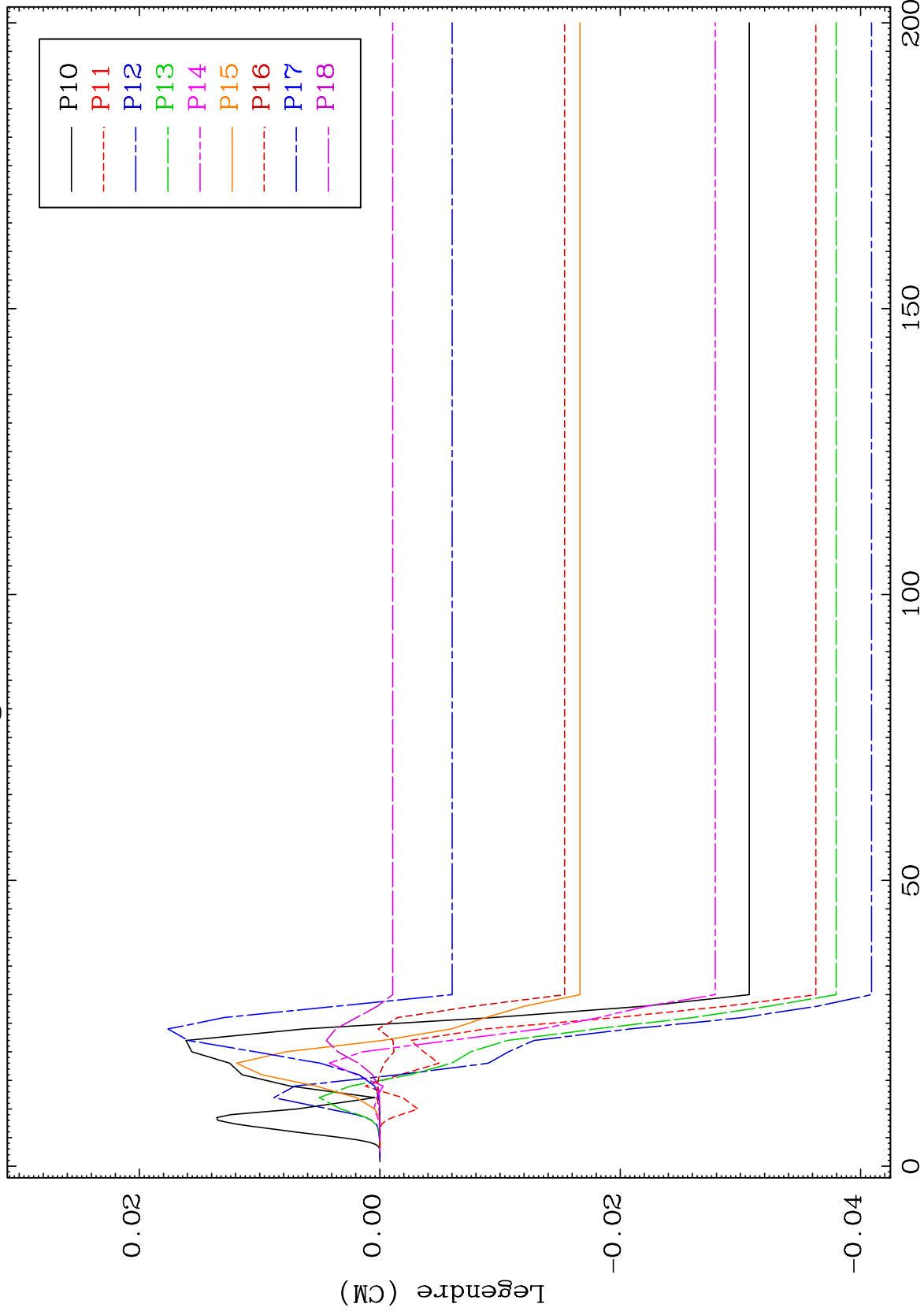
71-Lu-163



MAT 7089

16.84 keV (n,n') Level
Legendre Coefficients

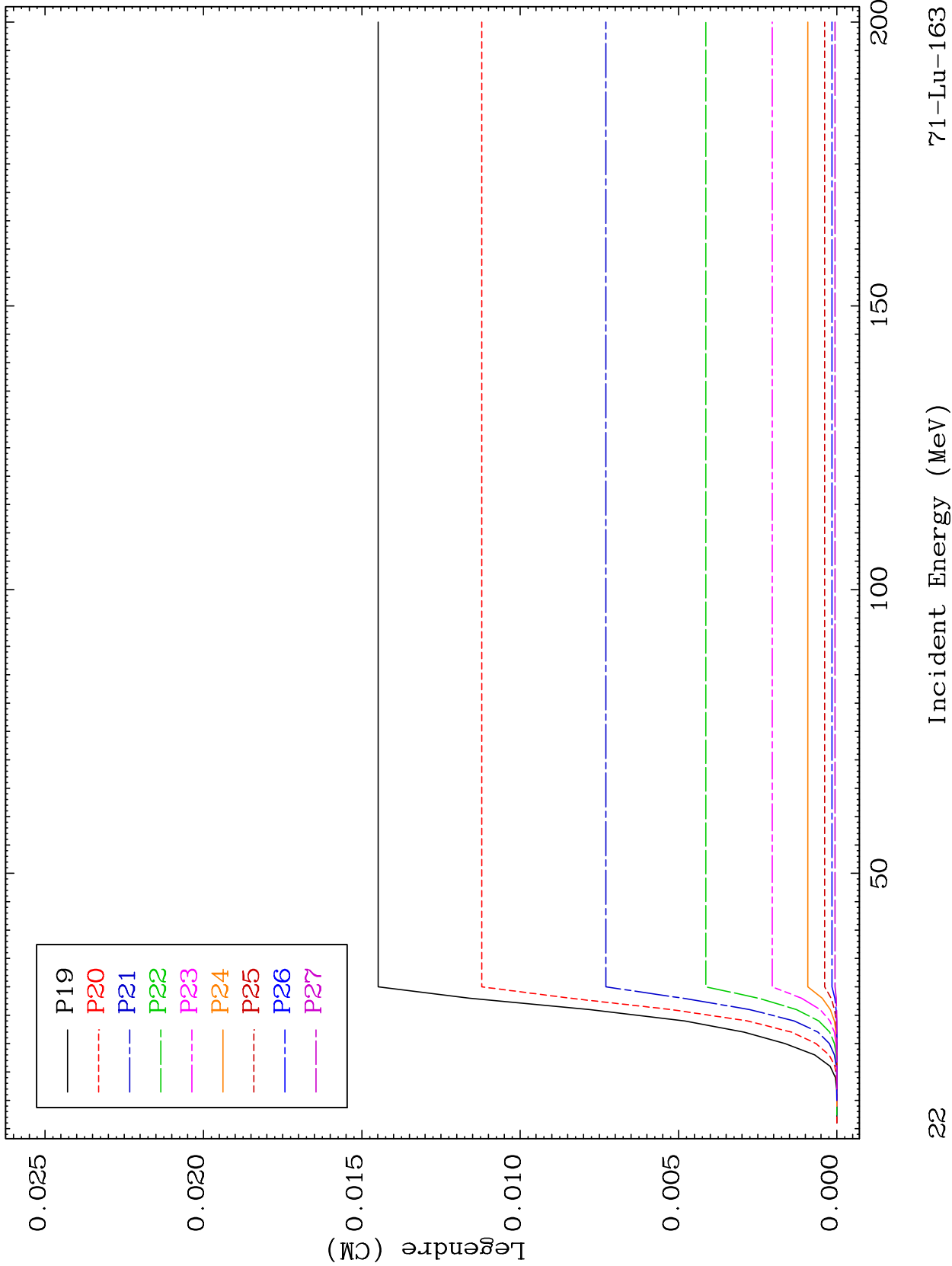
71-Lu-163

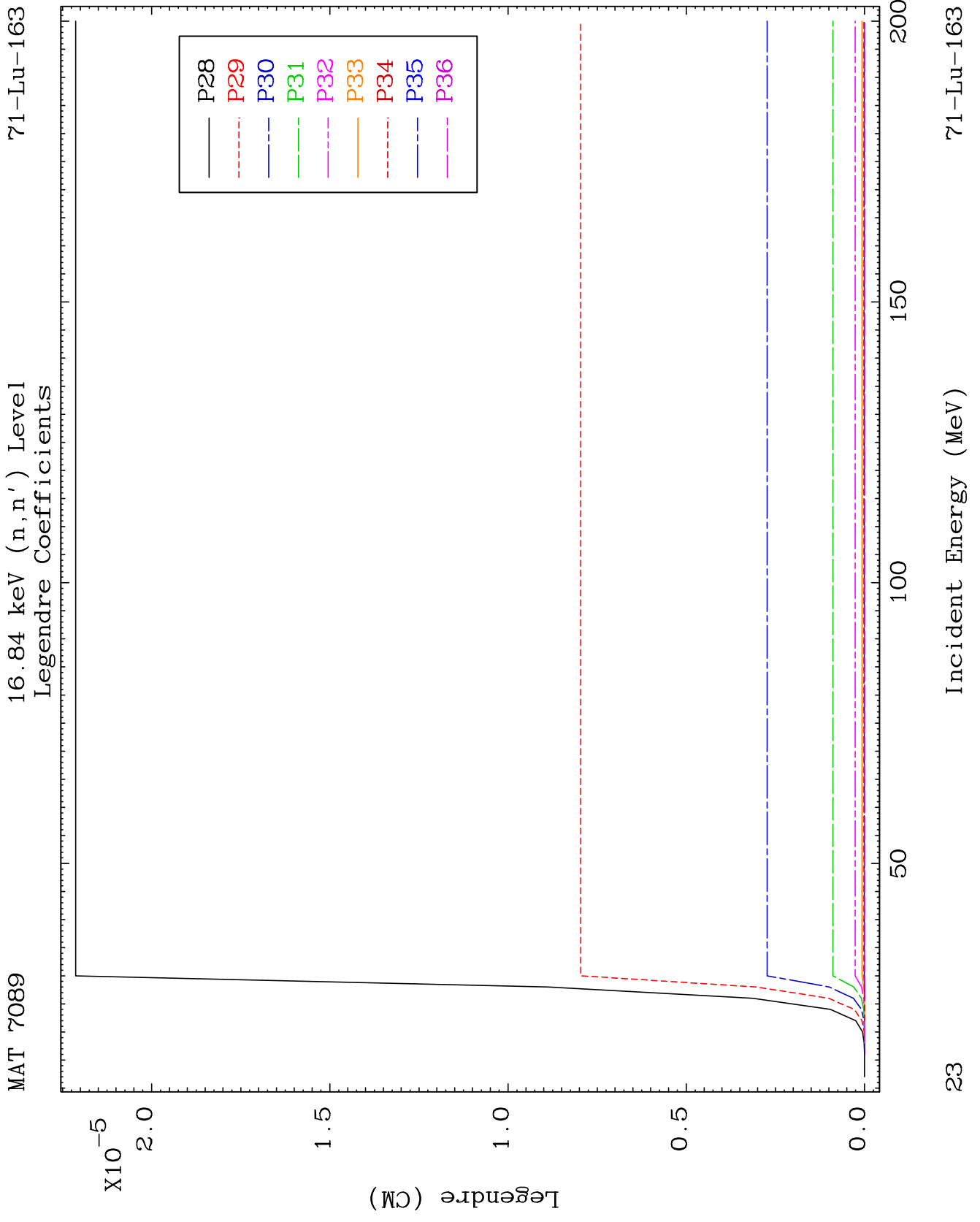


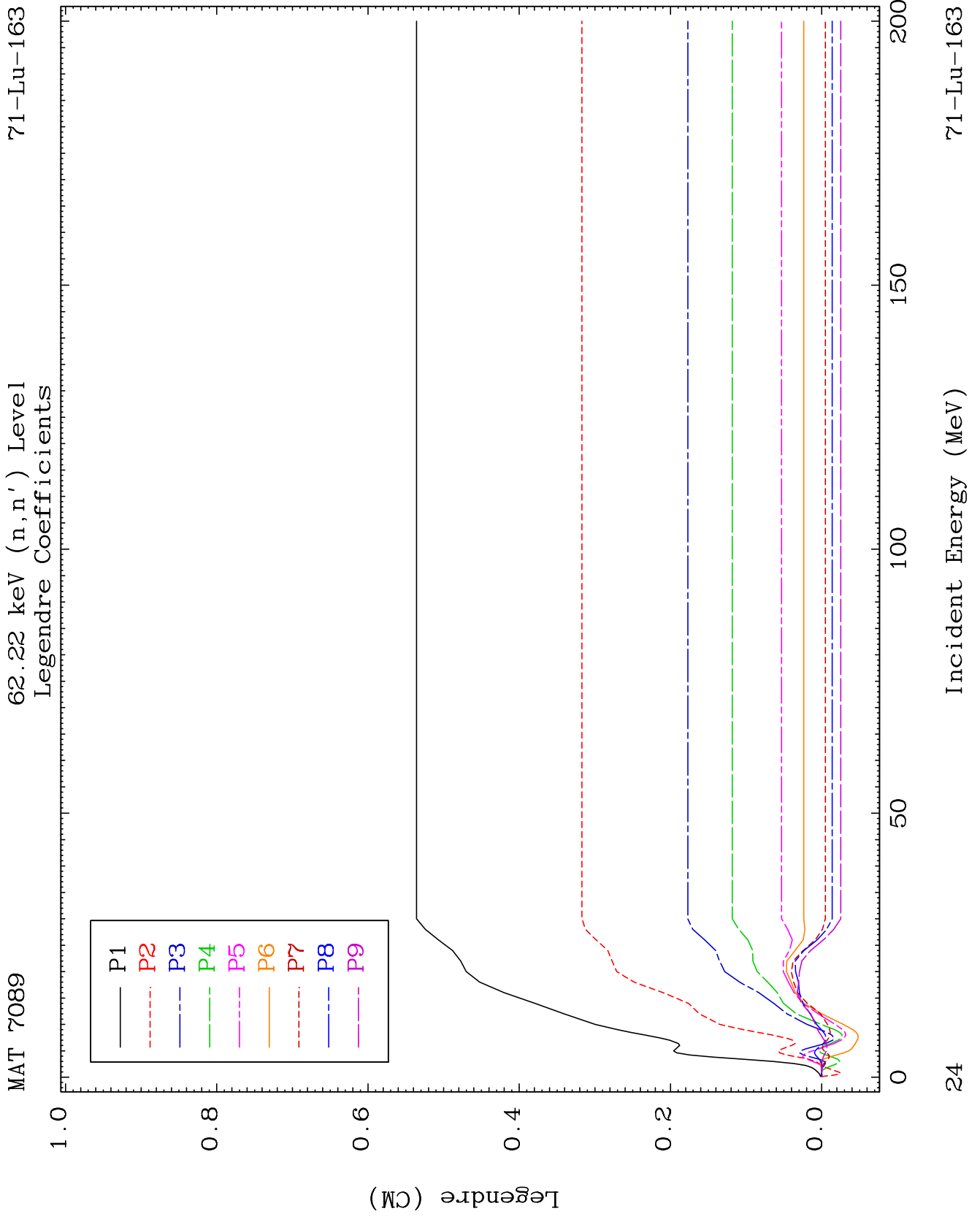
21

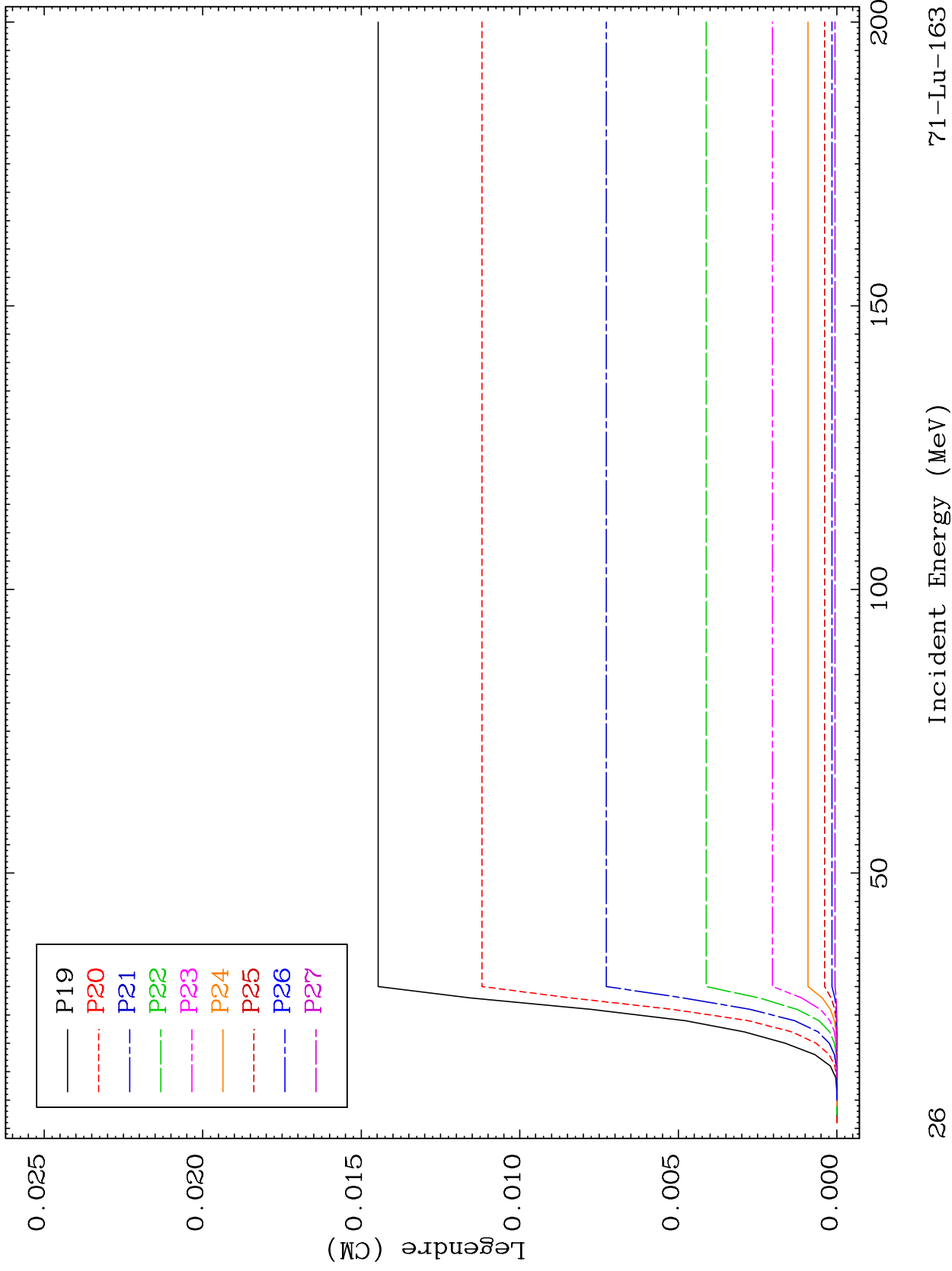
Incident Energy (MeV)

71-Lu-163





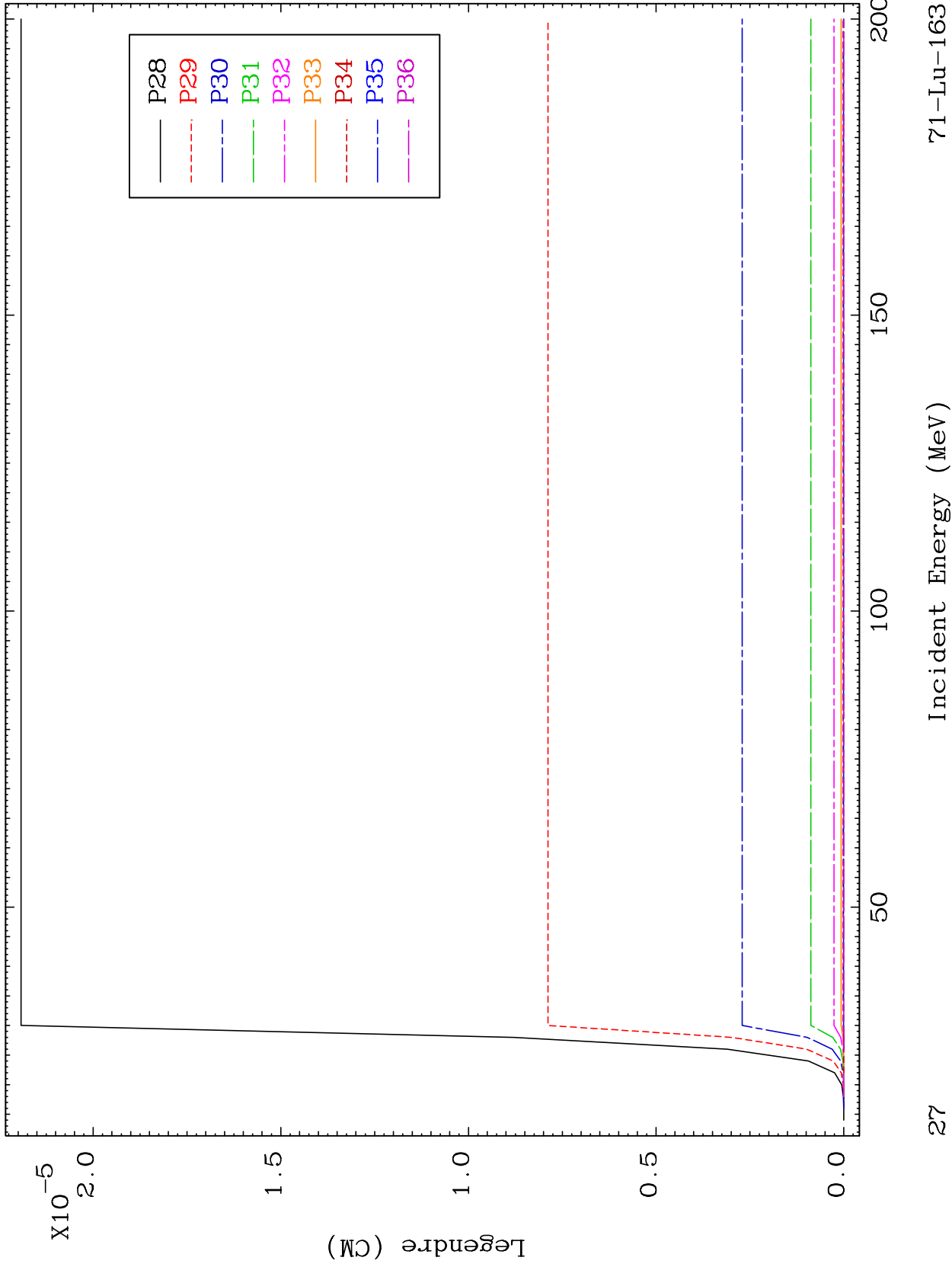




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62.22 keV (n,n') Level
Legendre Coefficients

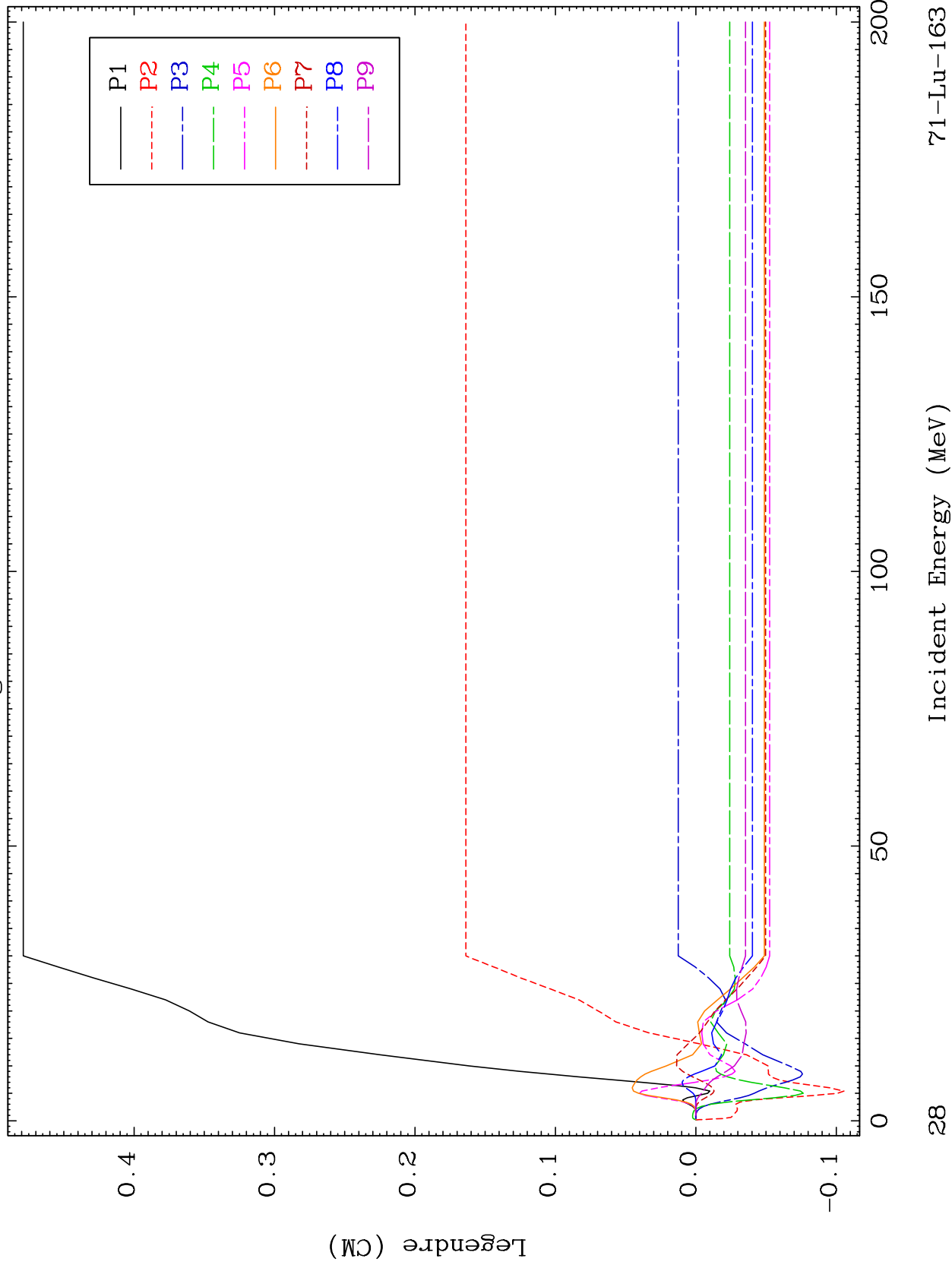
71-Lu-163



MAT 7089

124.4 keV (n, n') Level
Legendre Coefficients

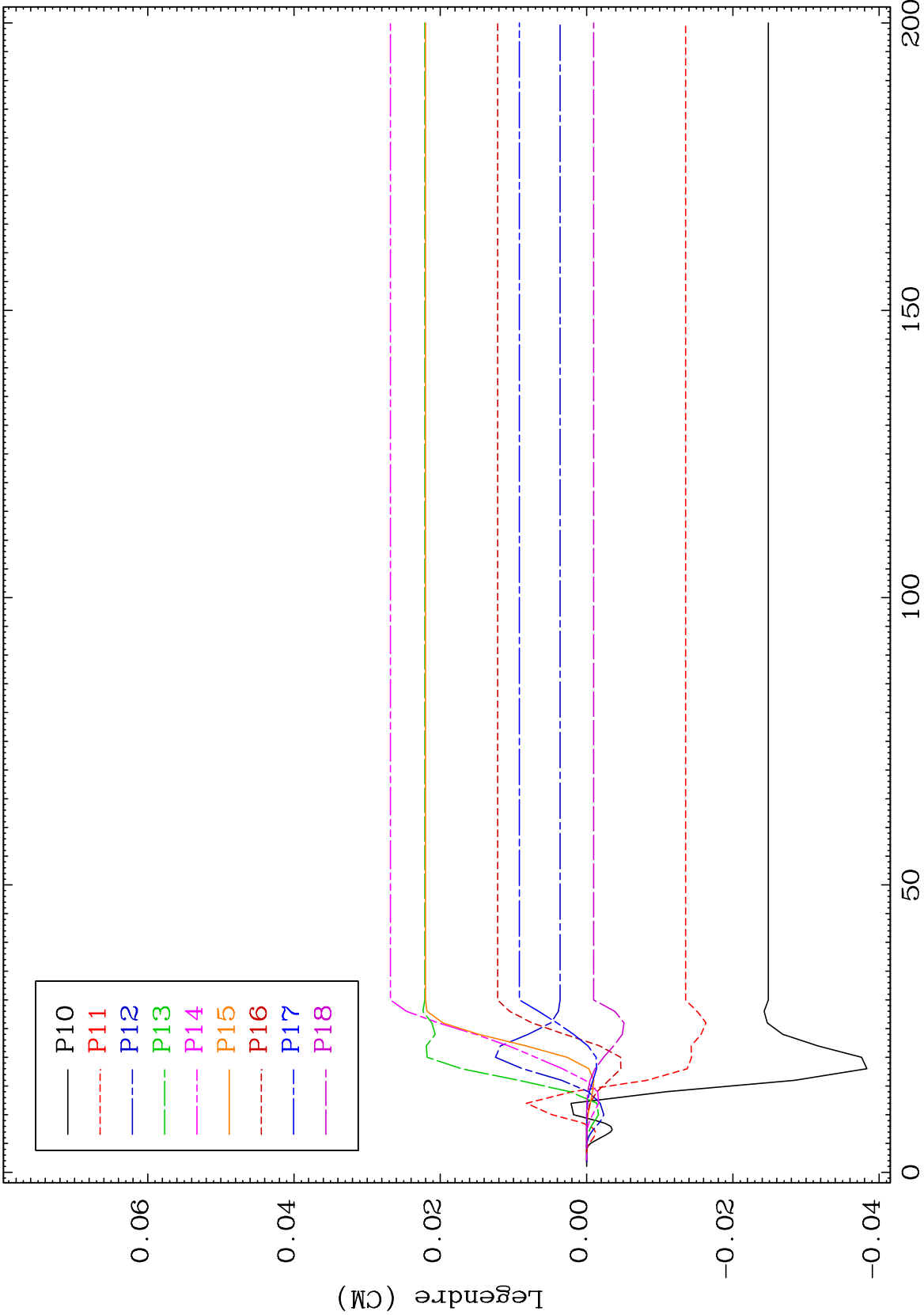
71-Lu-163



71-Lu-163

Incident Energy (MeV)

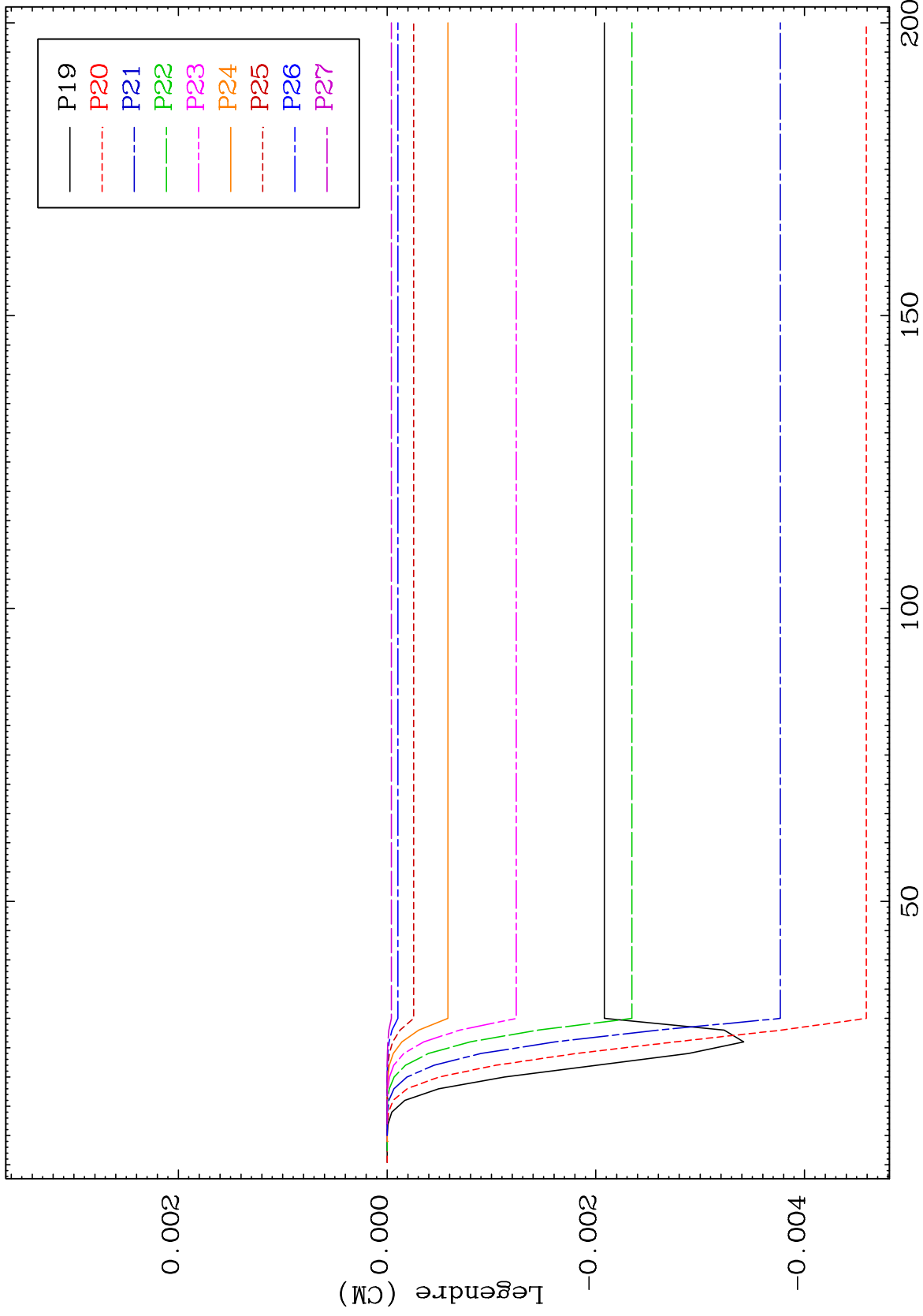
28



MAT 7089

124.4 keV (n,n') Level
Legendre Coefficients

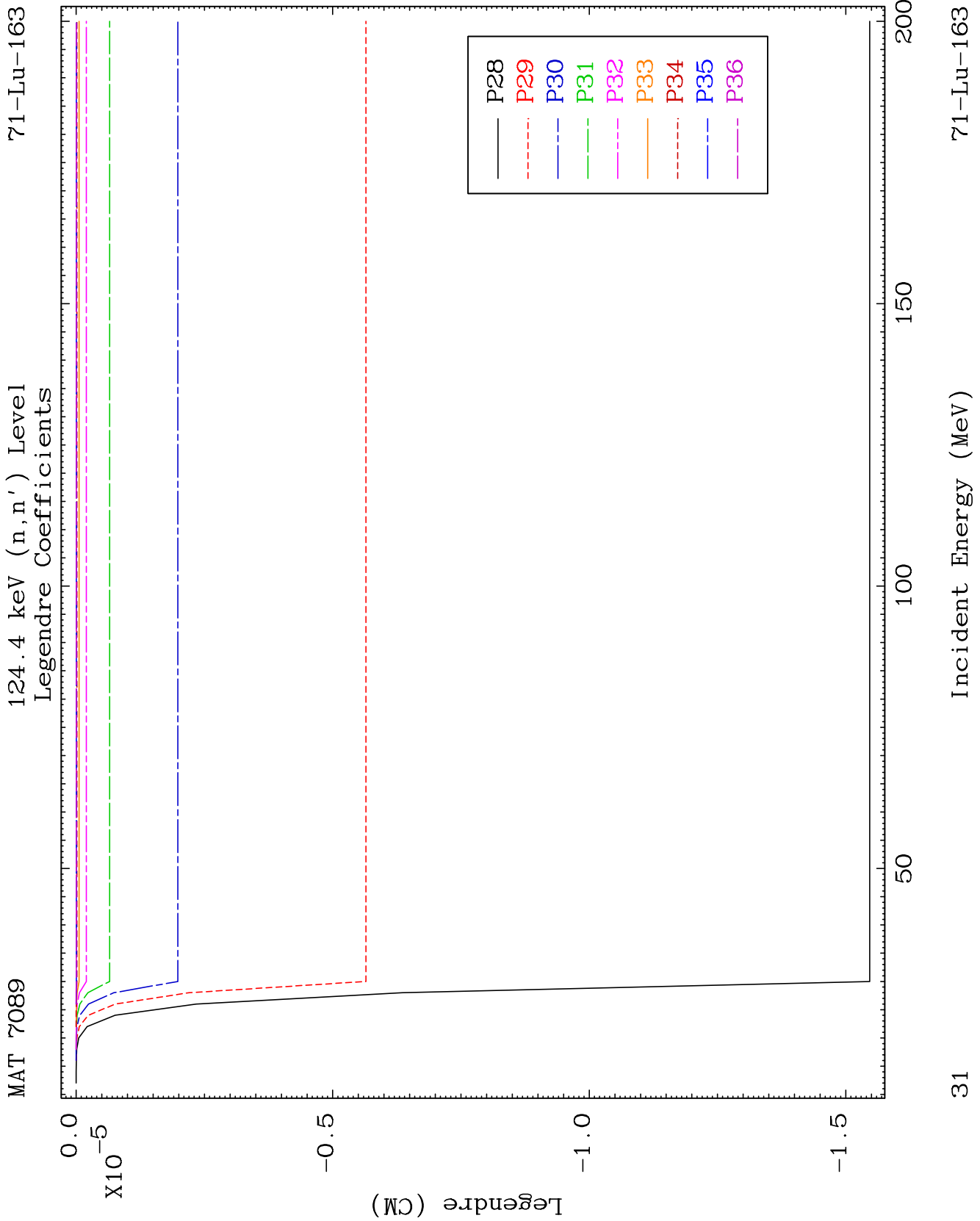
71-Lu-163

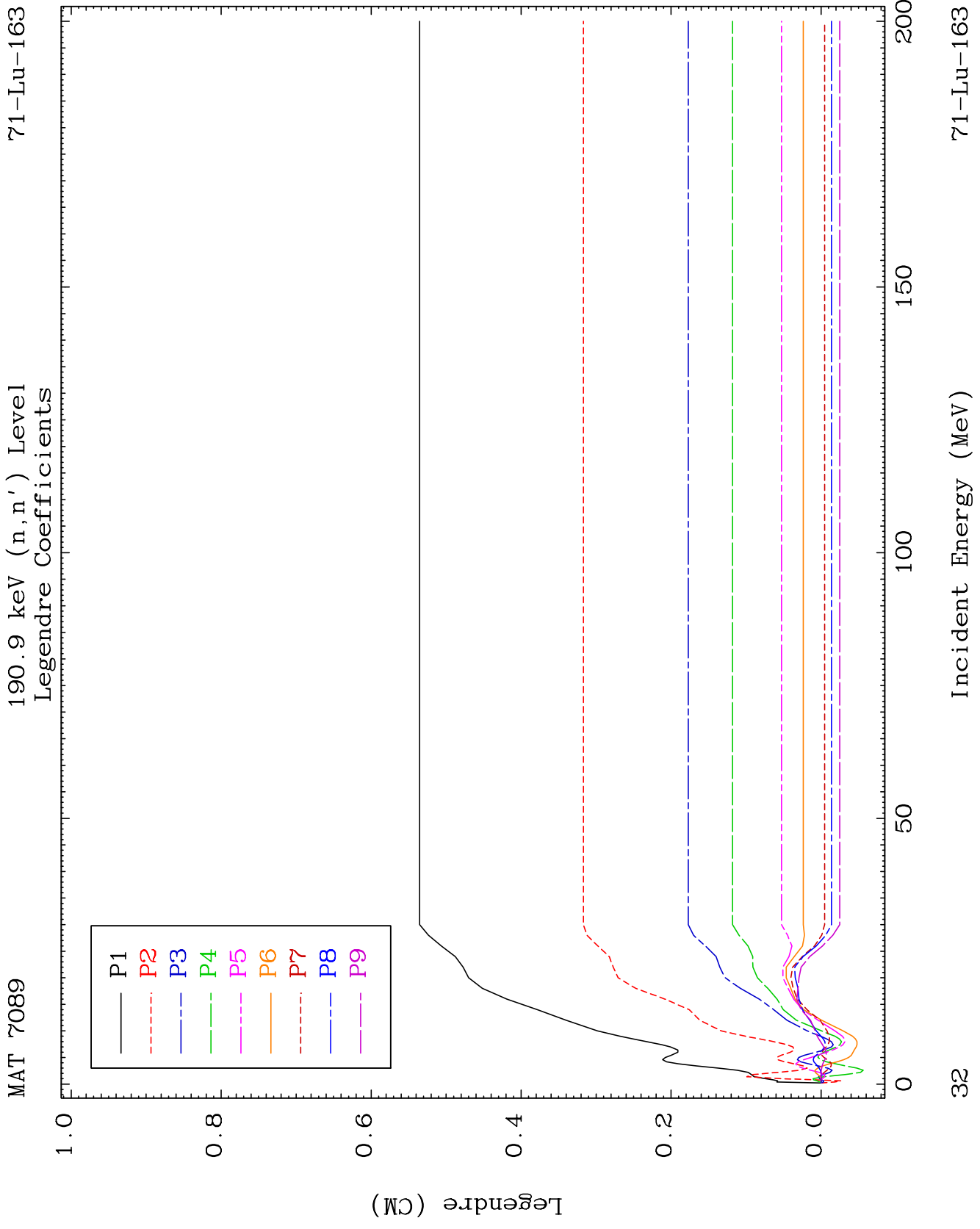


30

Incident Energy (MeV)

71-Lu-163

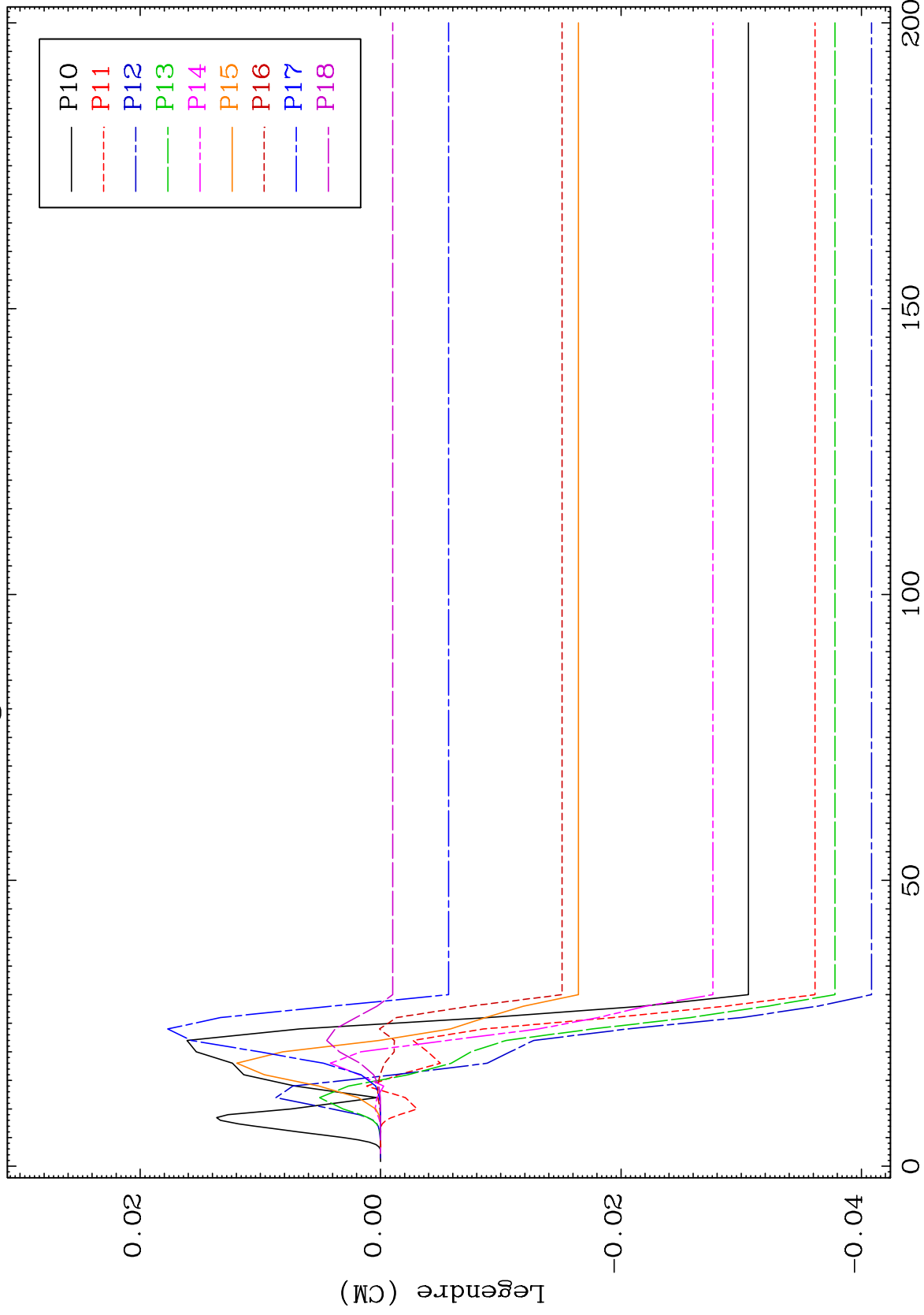




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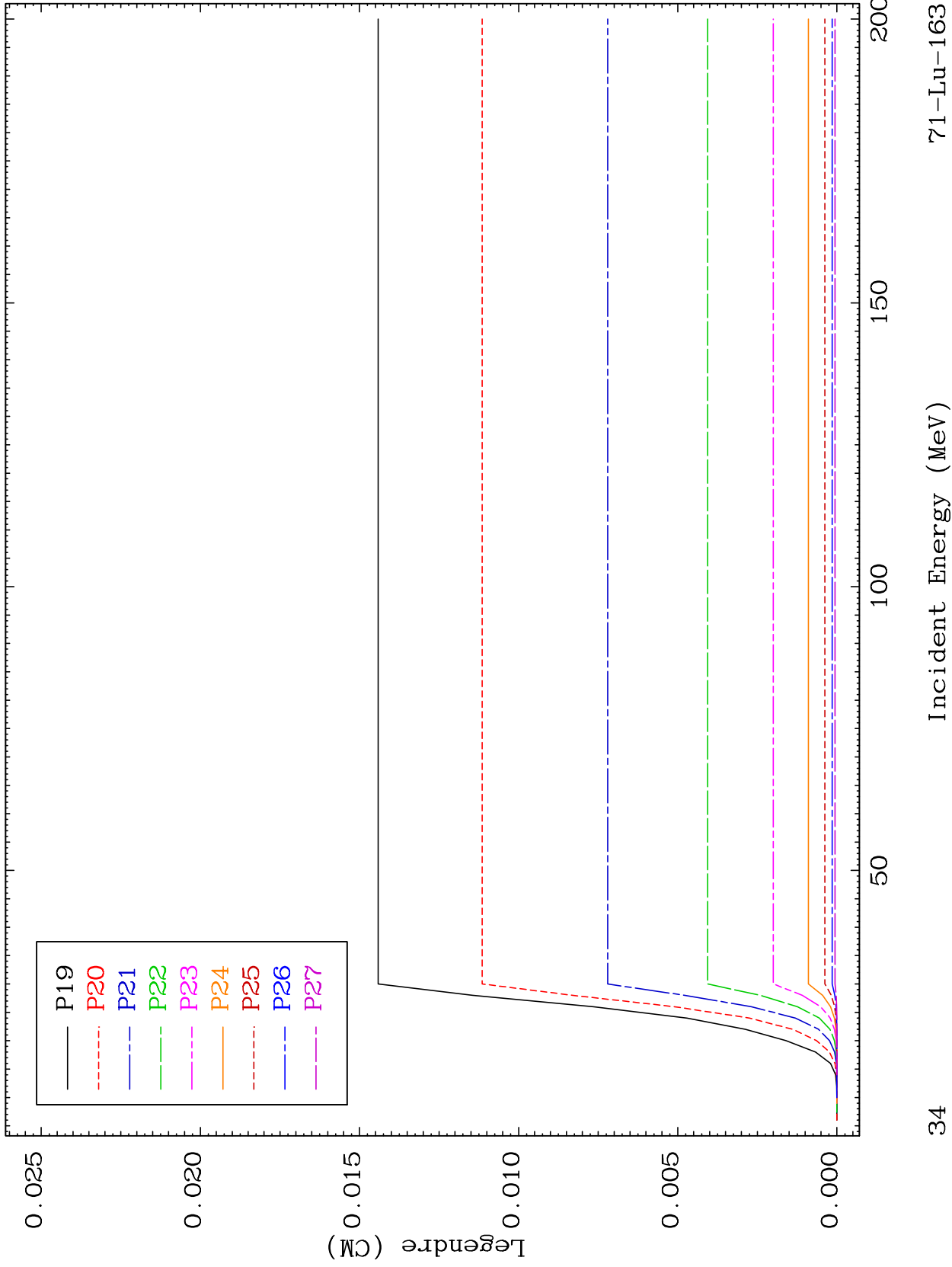
190.9 keV (n,n') Level
Legendre Coefficients

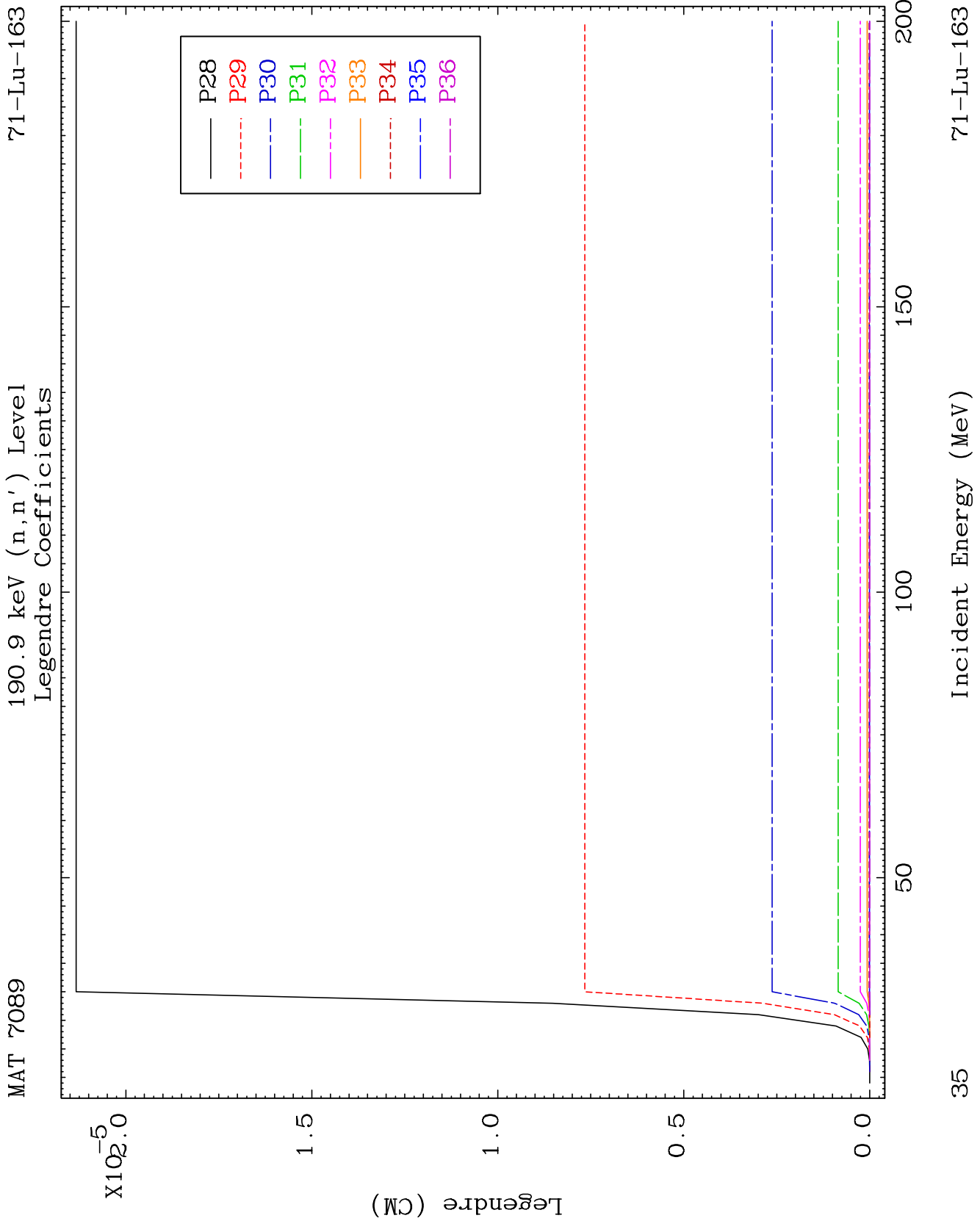
71-Lu-163



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71-Lu-163

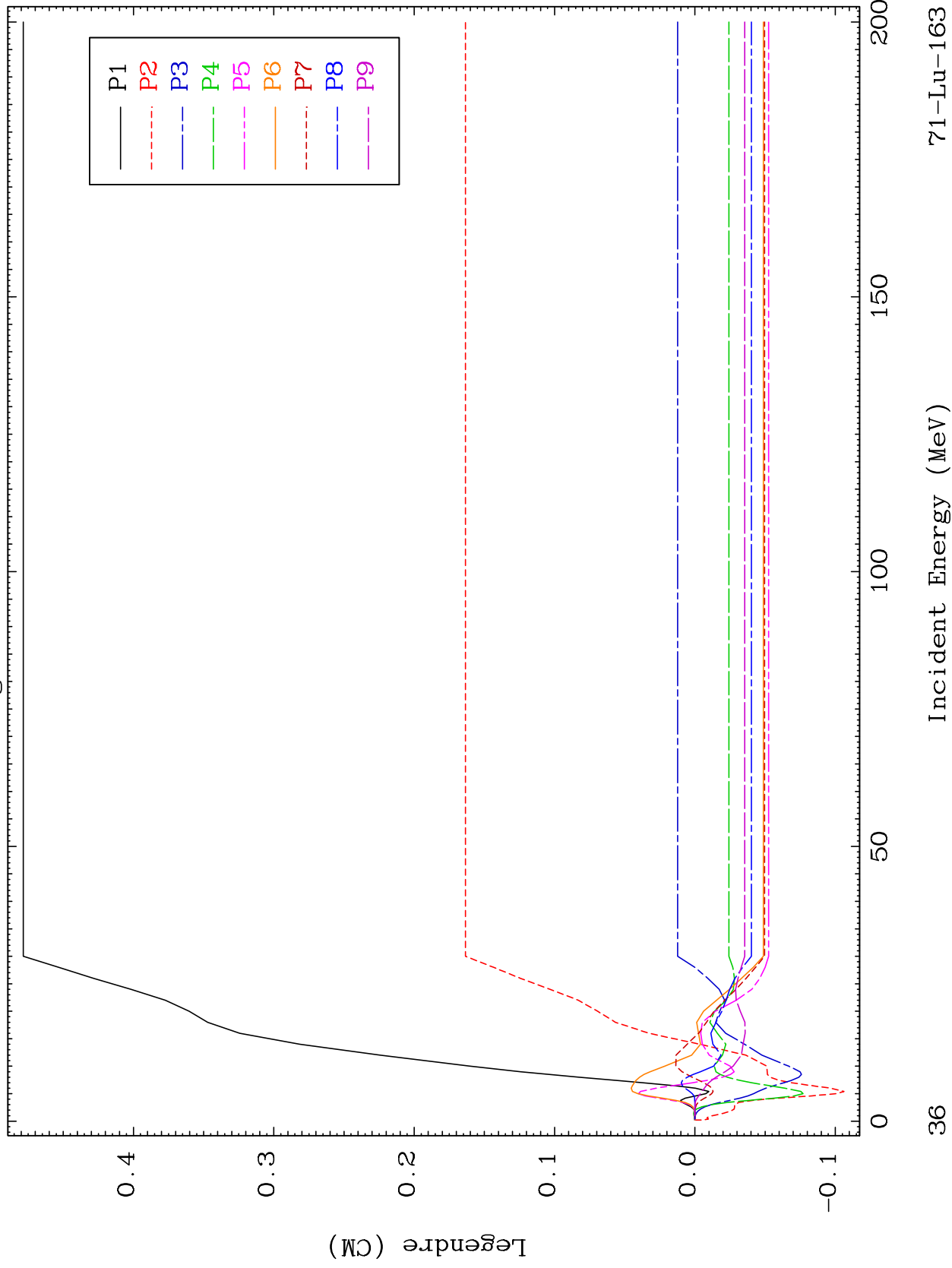




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195.3 keV (n, n') Level
Legendre Coefficients

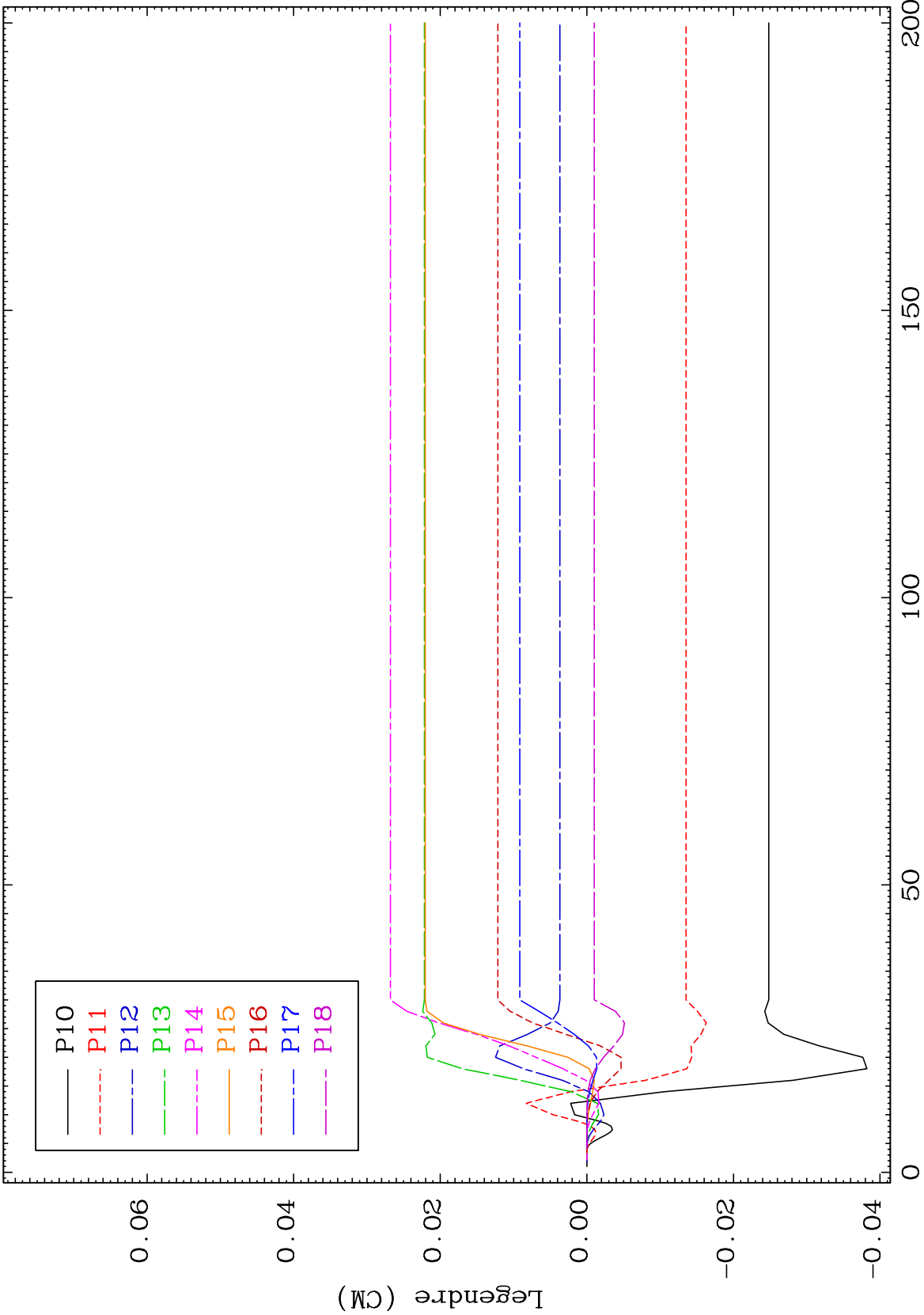
71-Lu-163

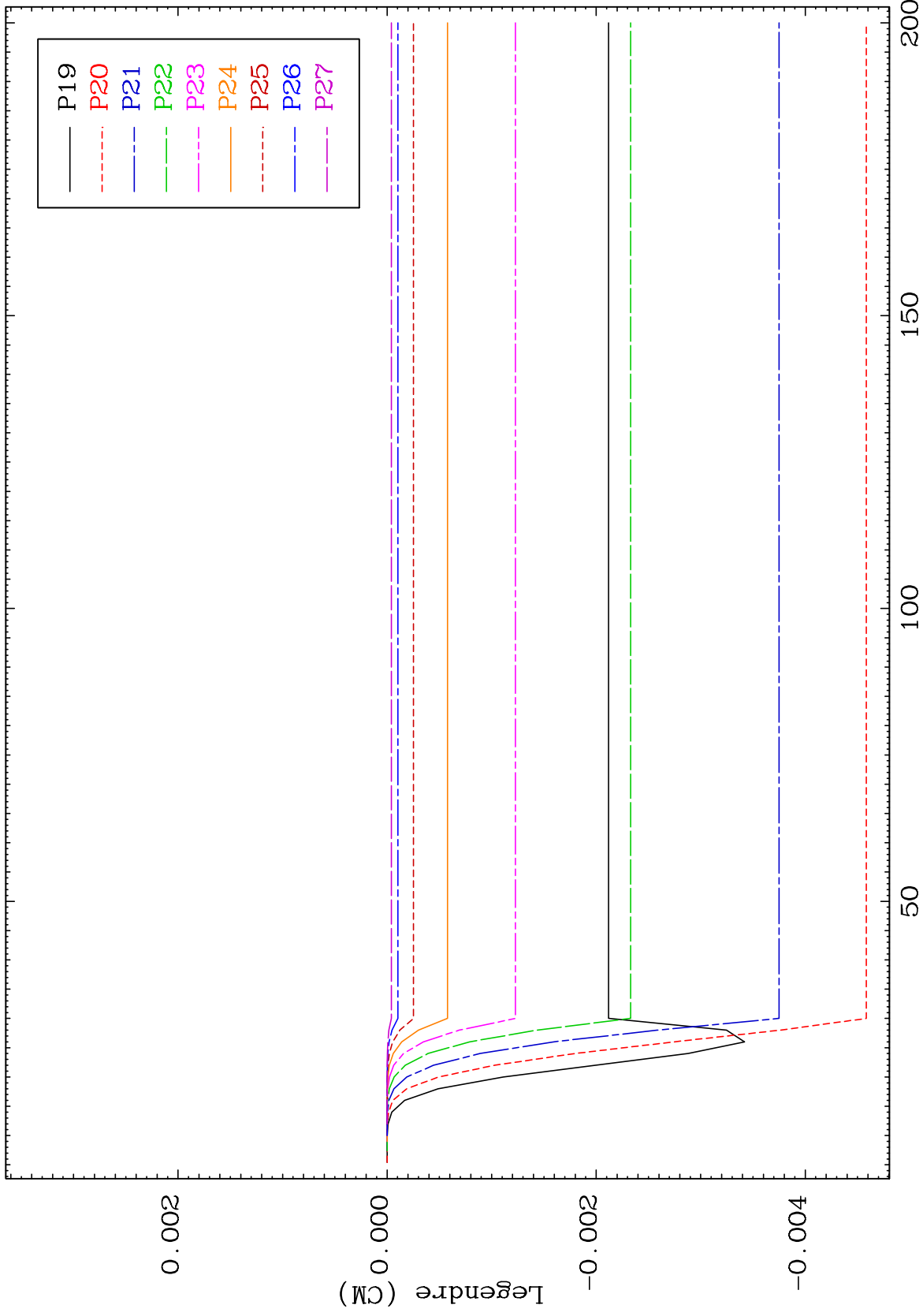


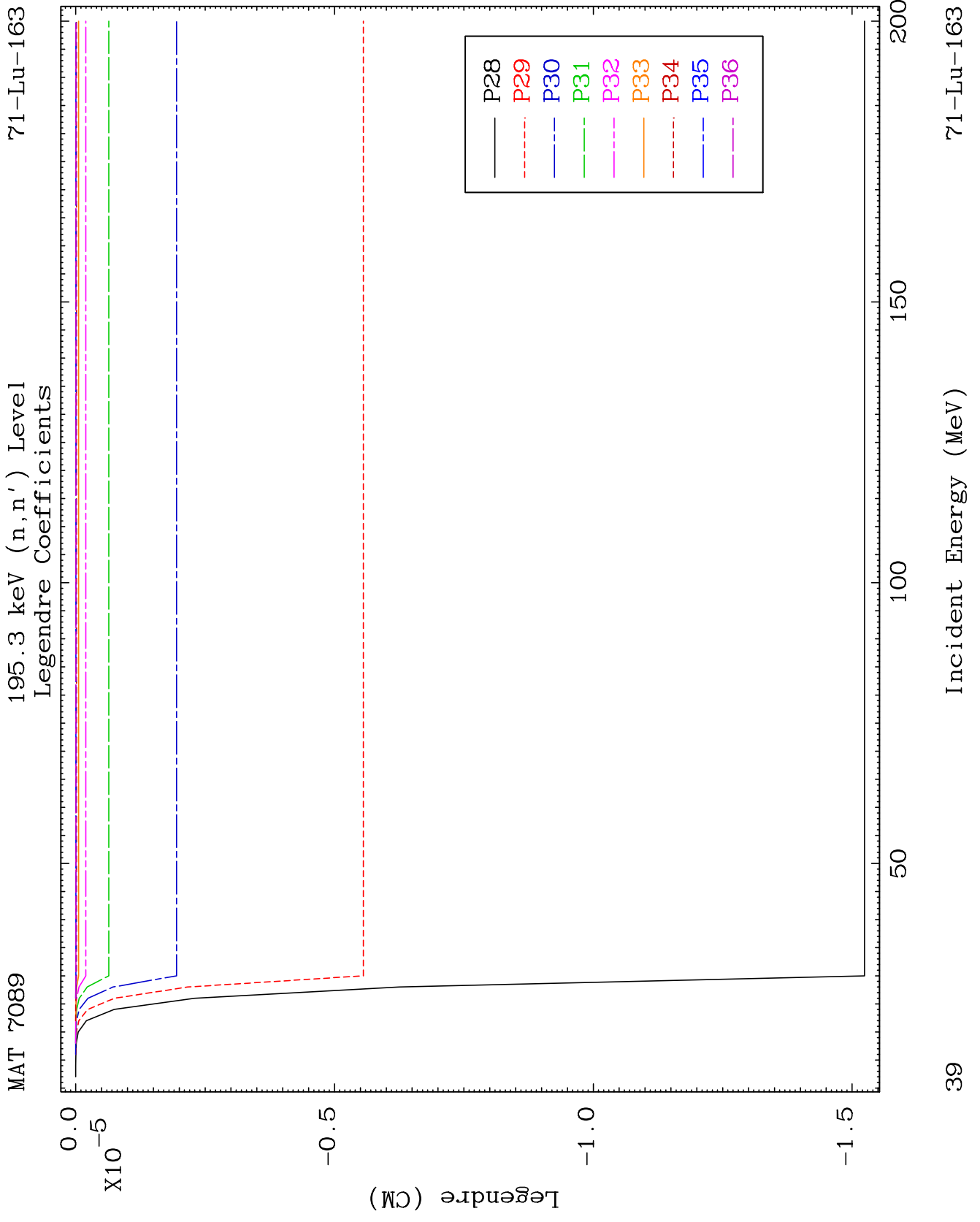
71-Lu-163

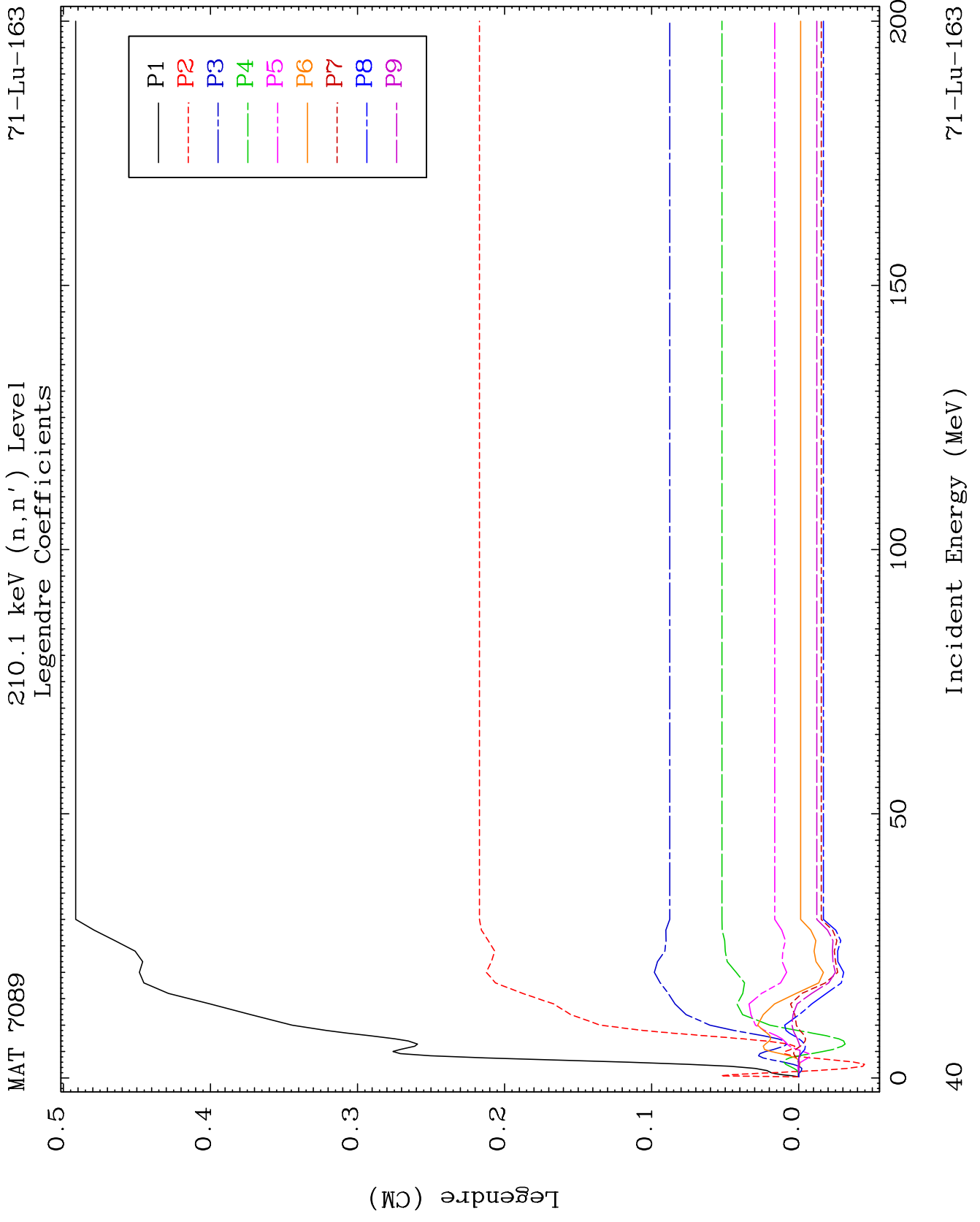
Incident Energy (MeV)

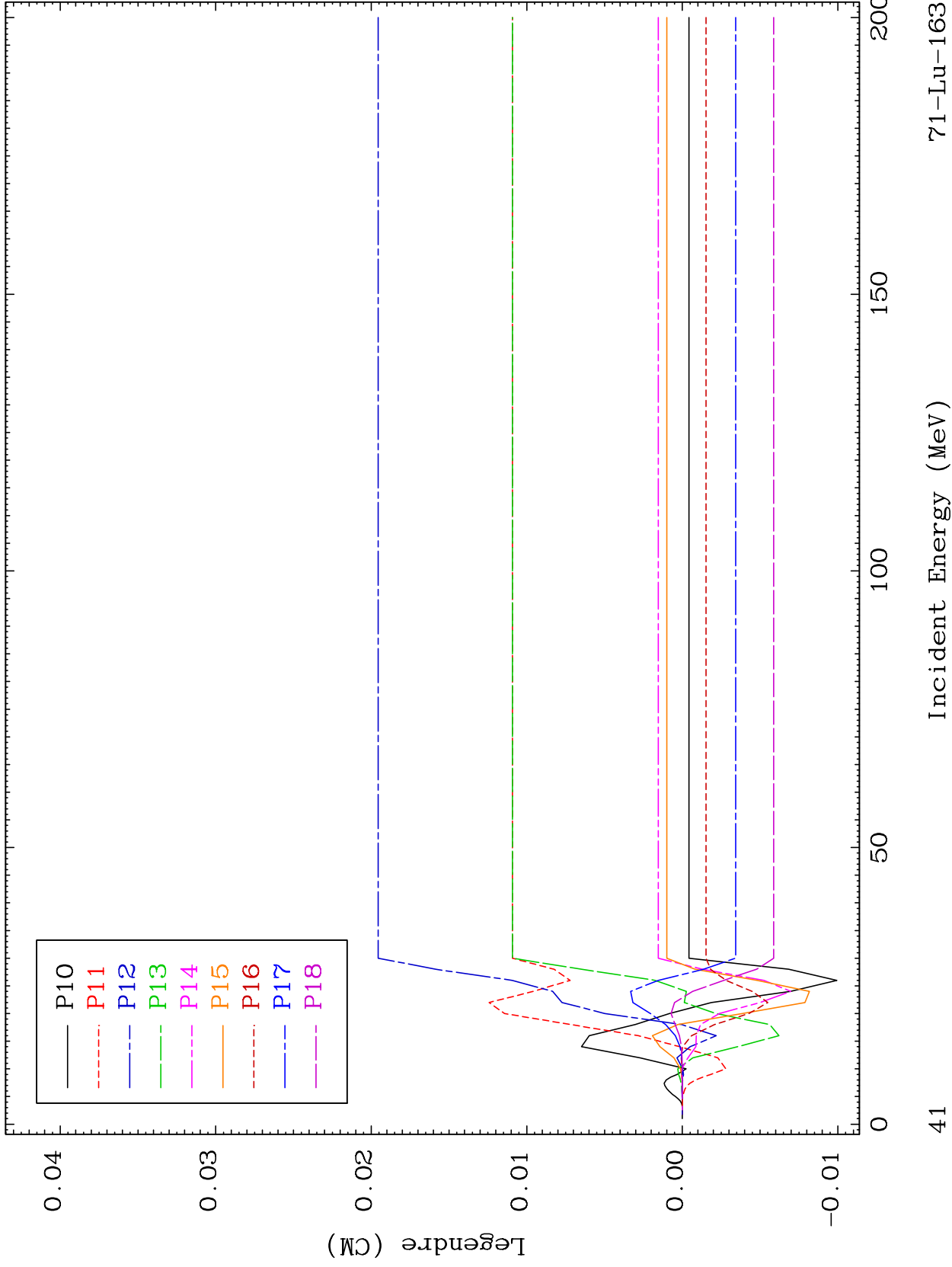
36

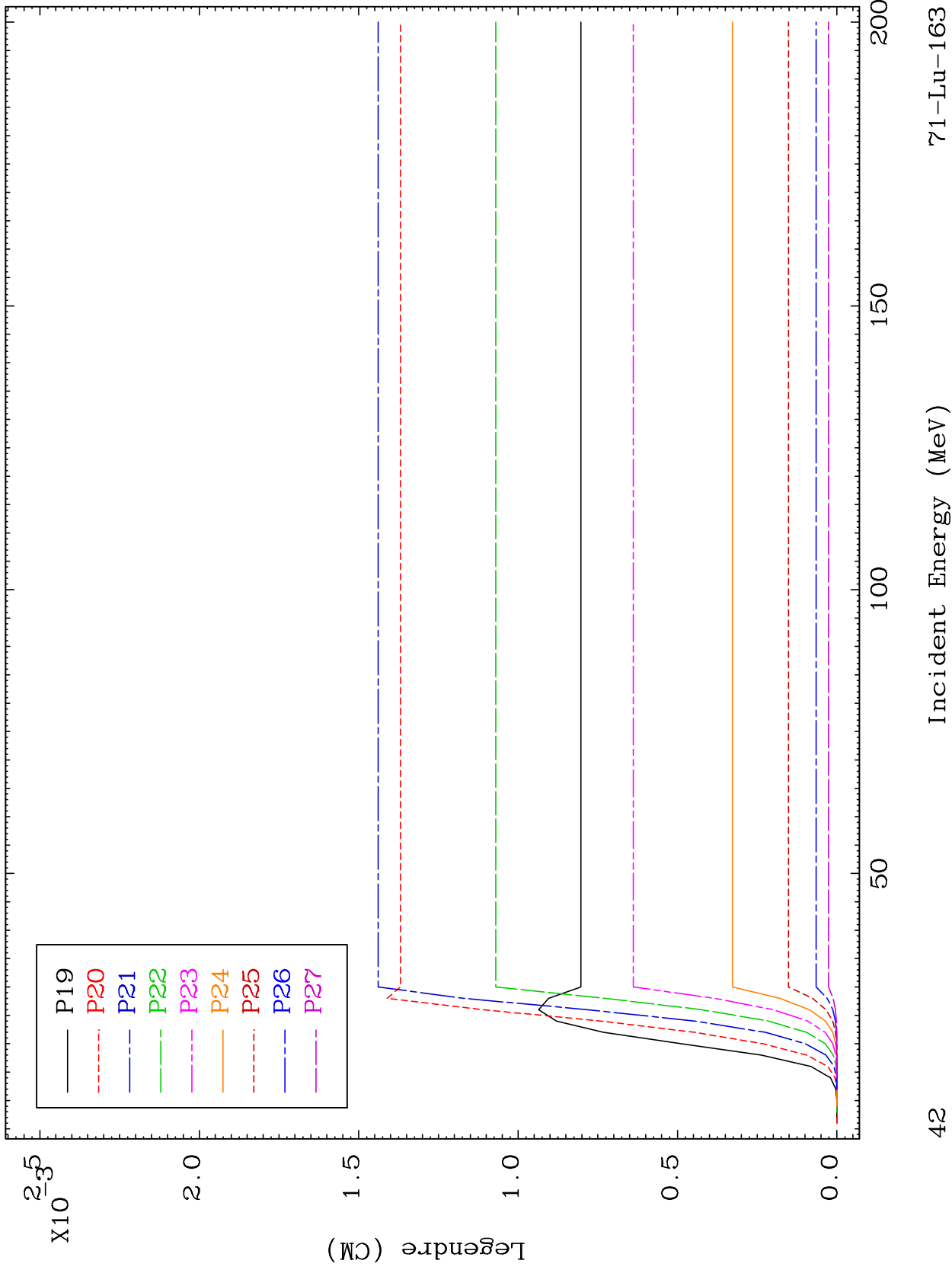


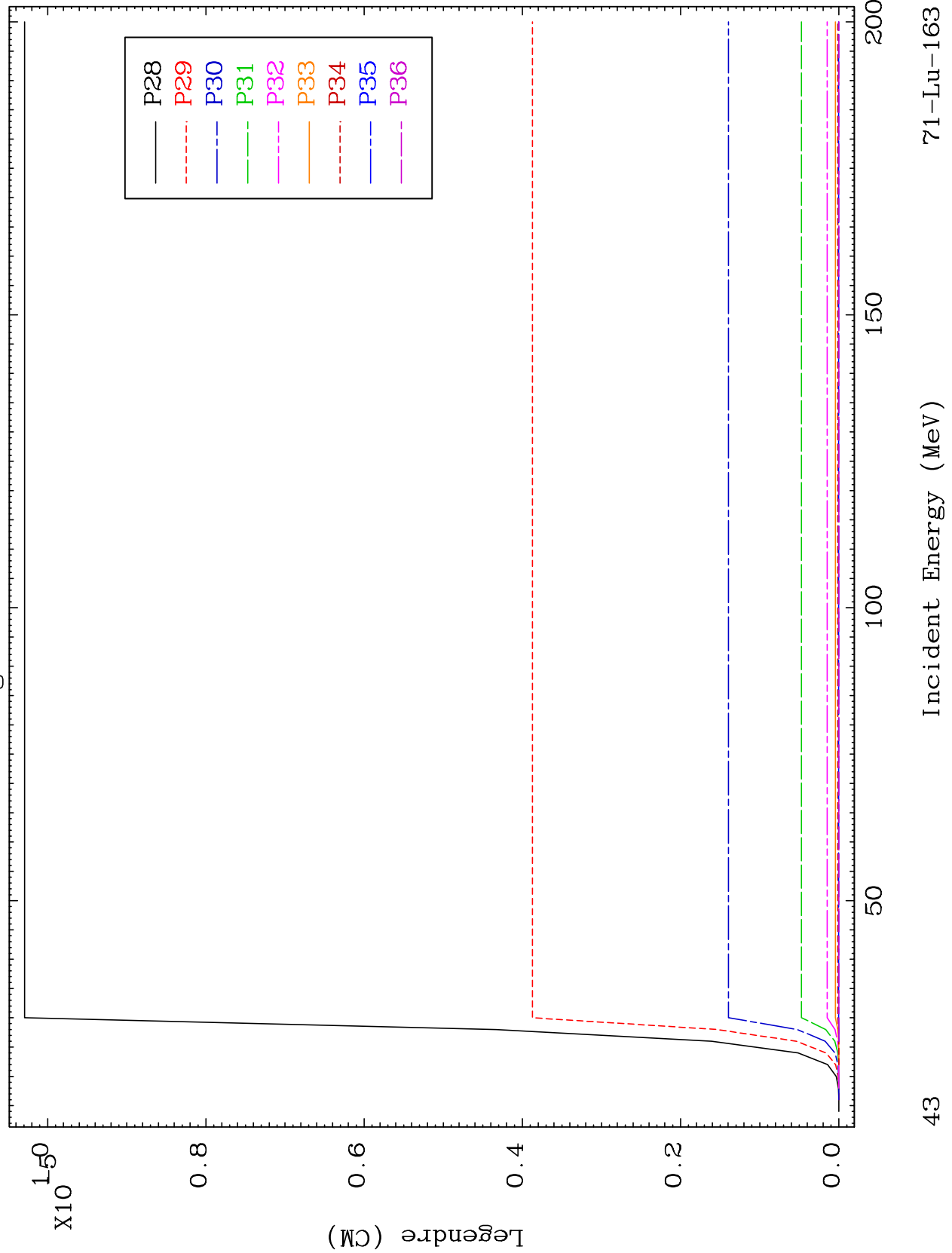








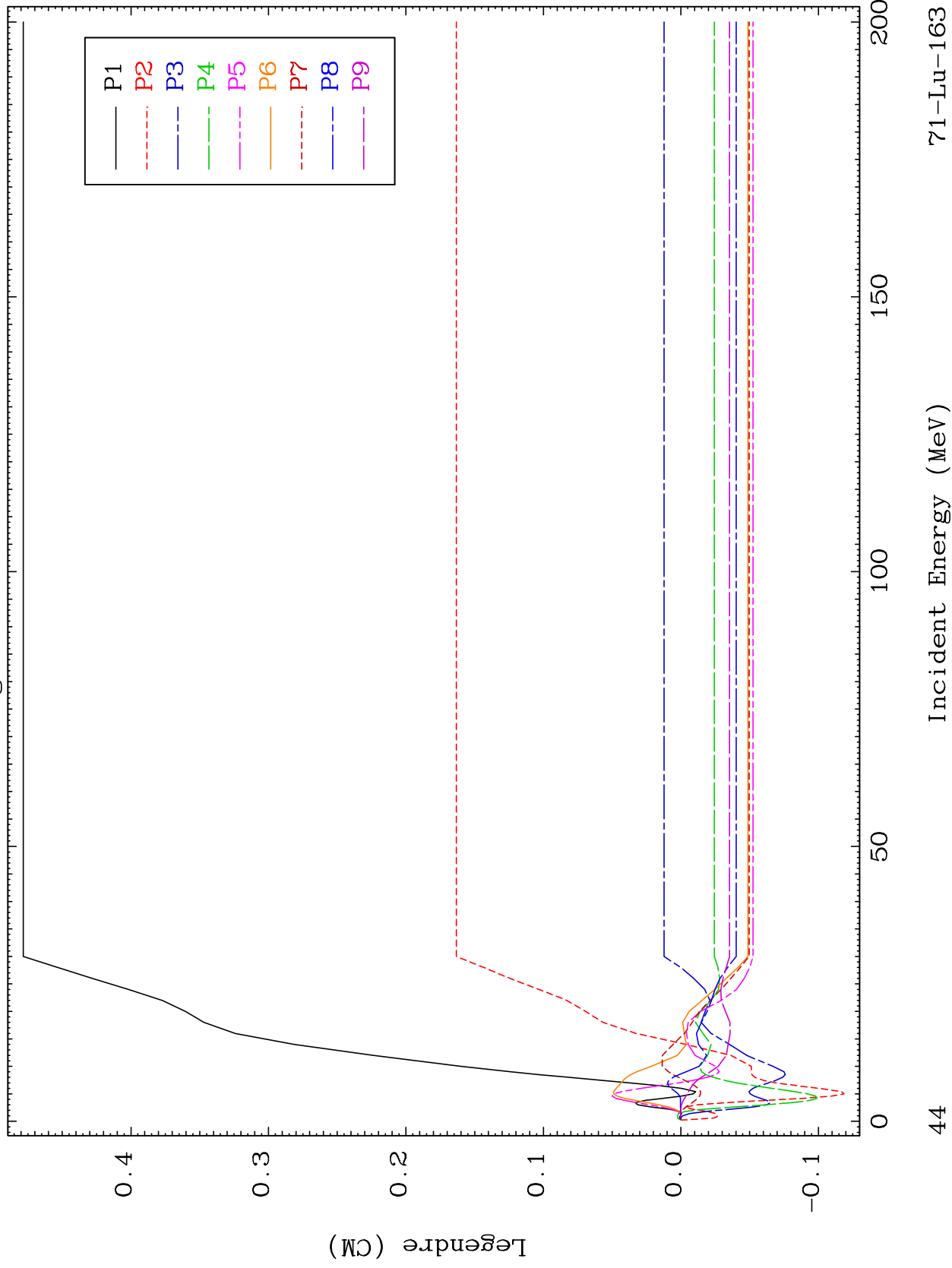




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224.5 keV (n,n') Level
Legendre Coefficients

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71-Lu-163

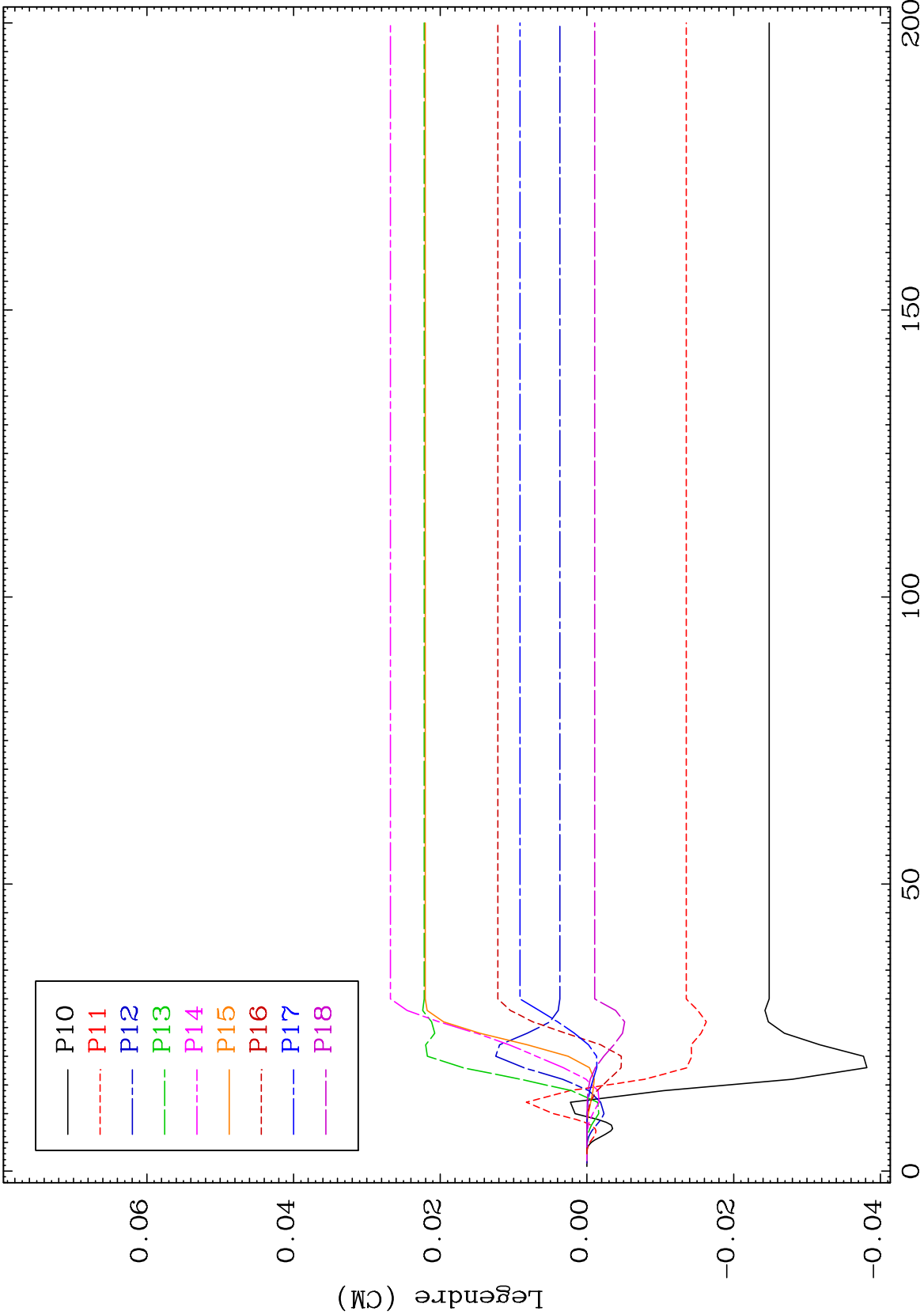
Incident Energy (MeV)

44

MAT 7089

224.5 keV (n,n') Level
Legendre Coefficients

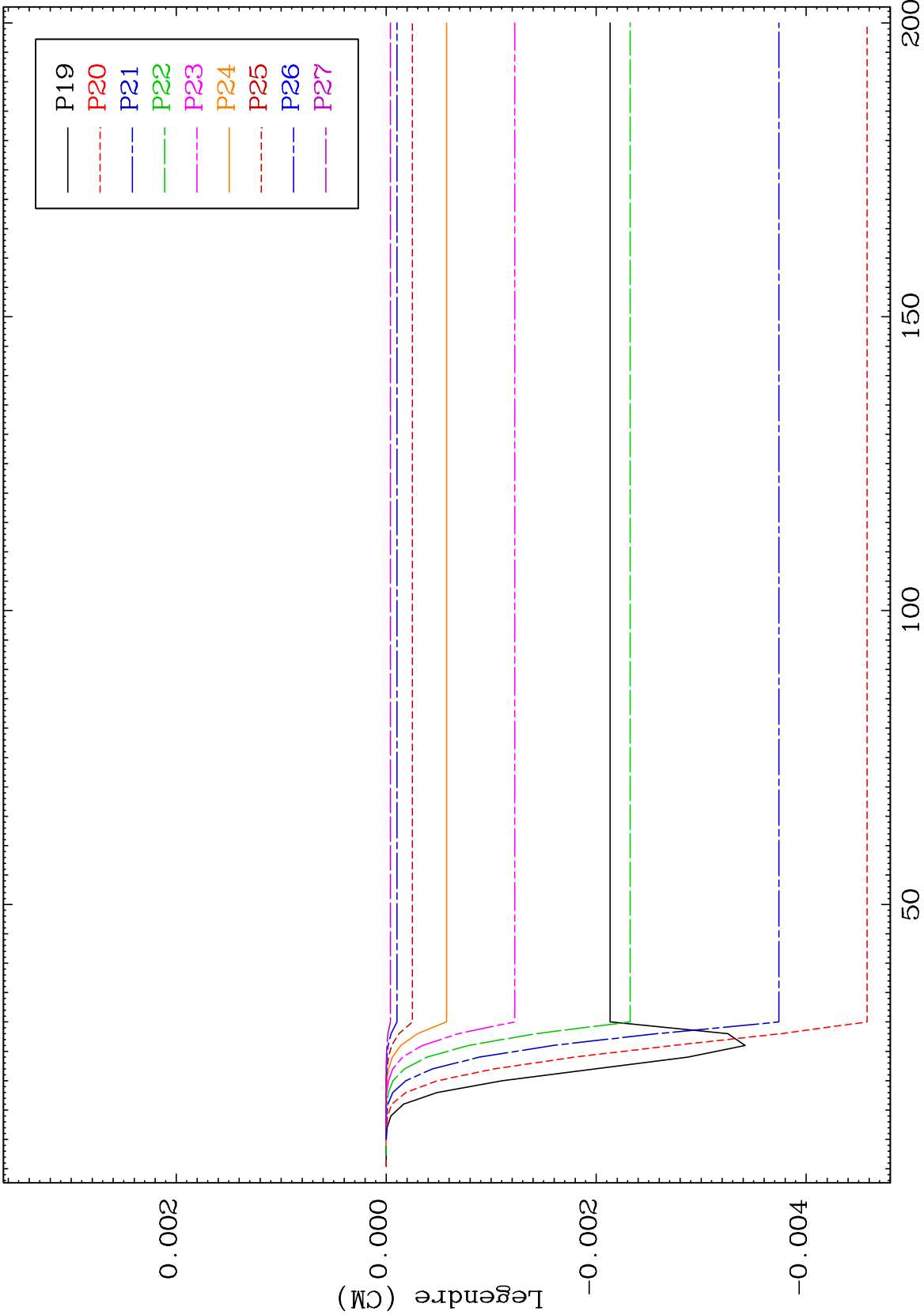
71-Lu-163

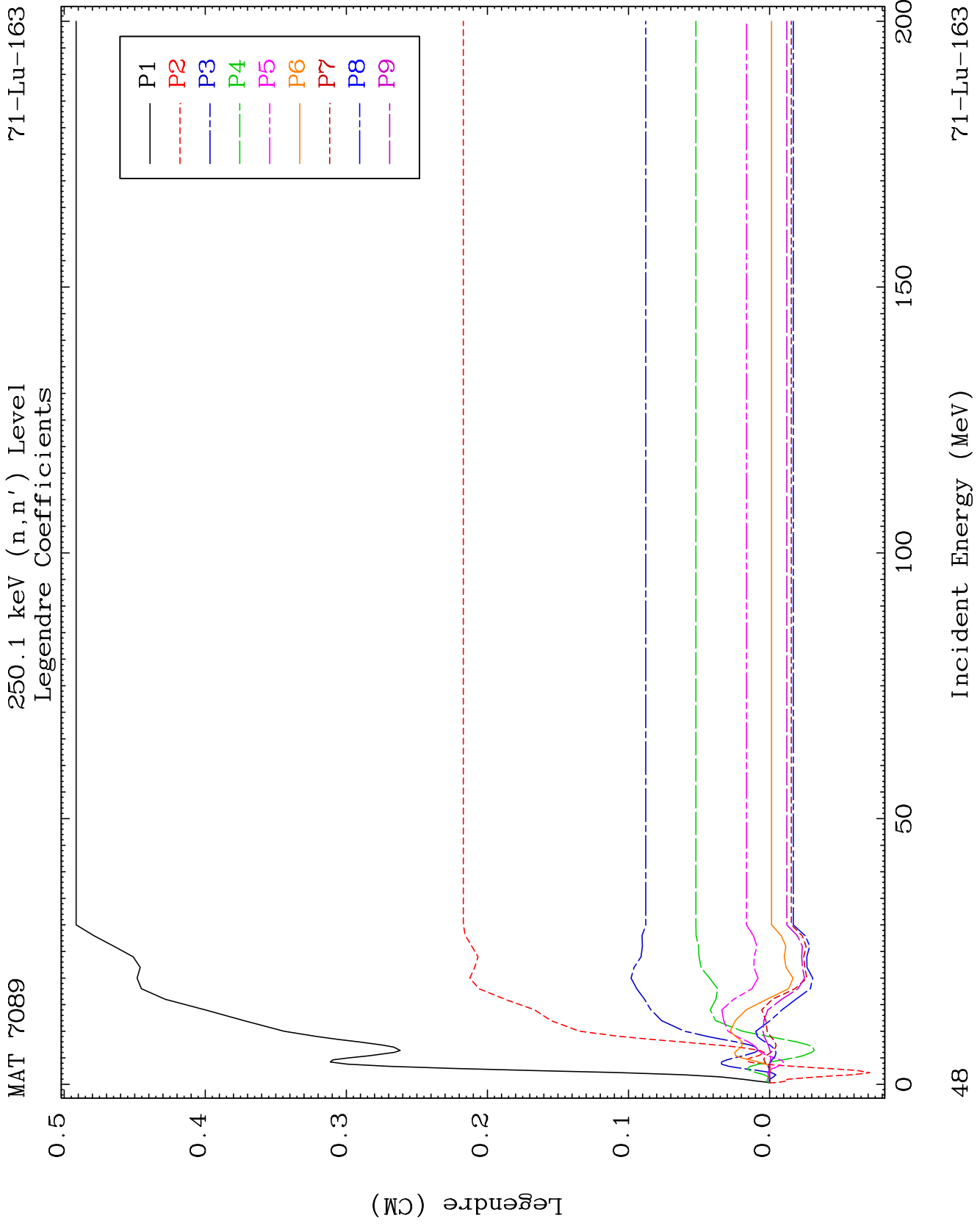


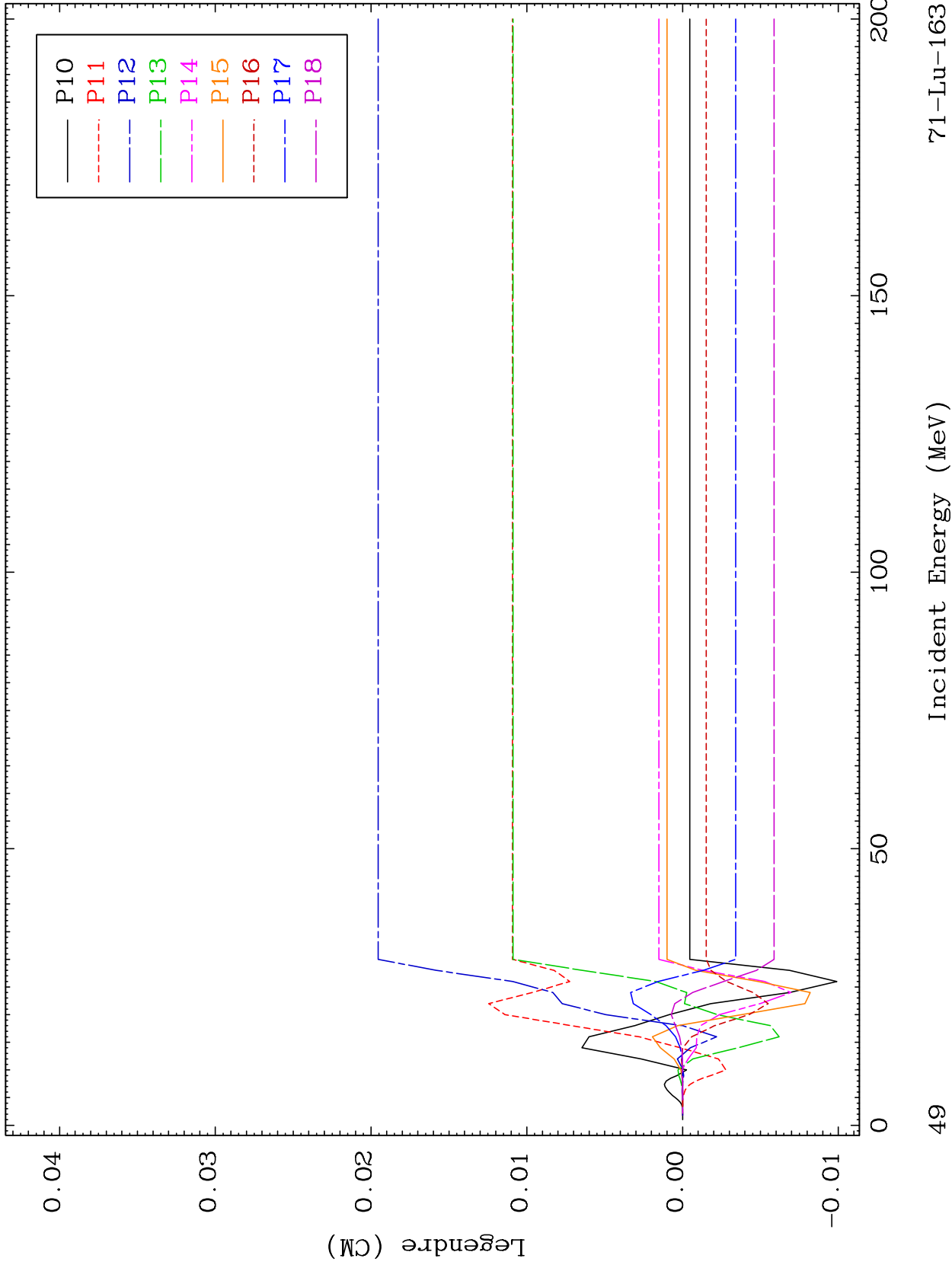
45

Incident Energy (MeV)

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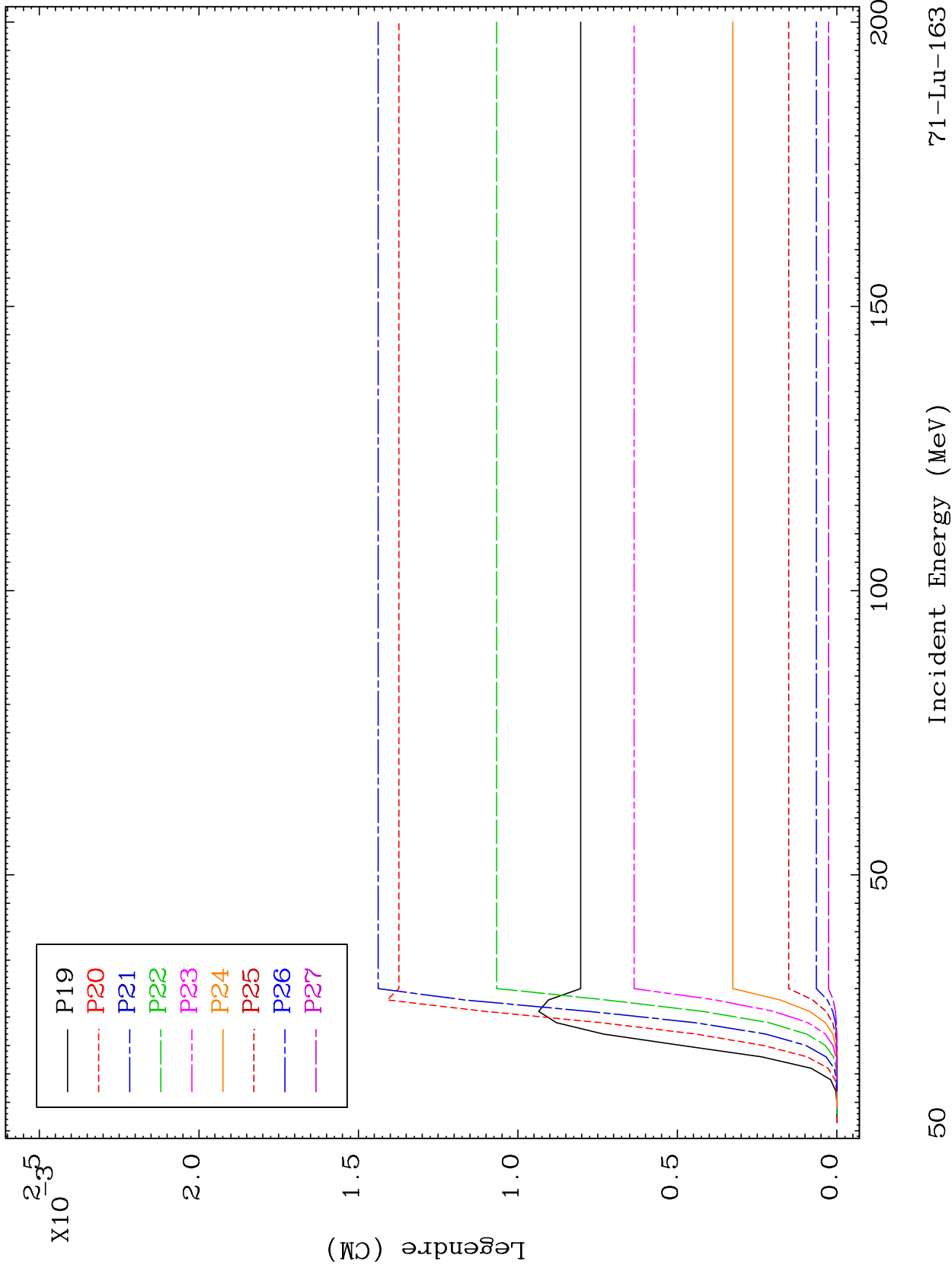


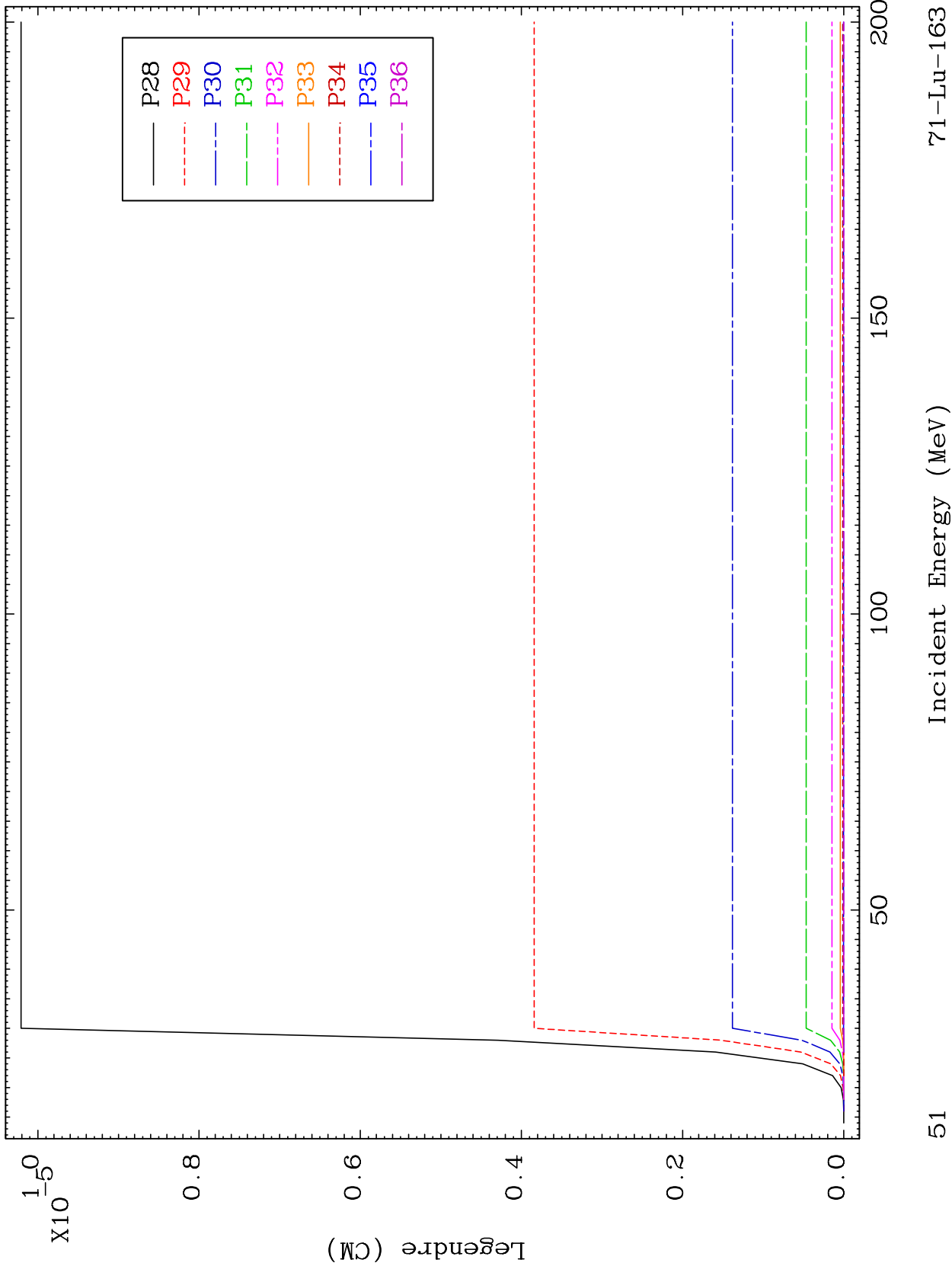


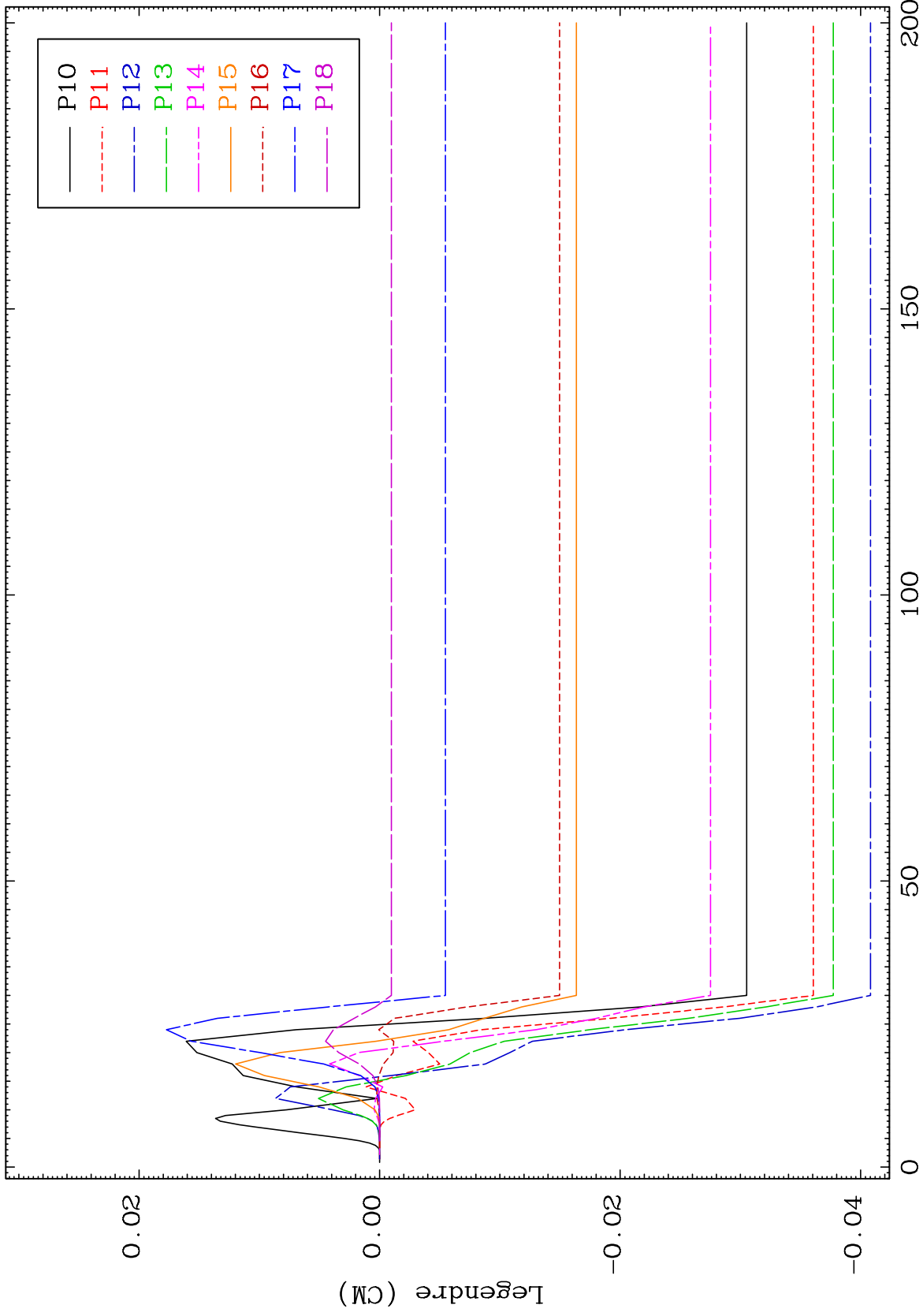
MAT 7089

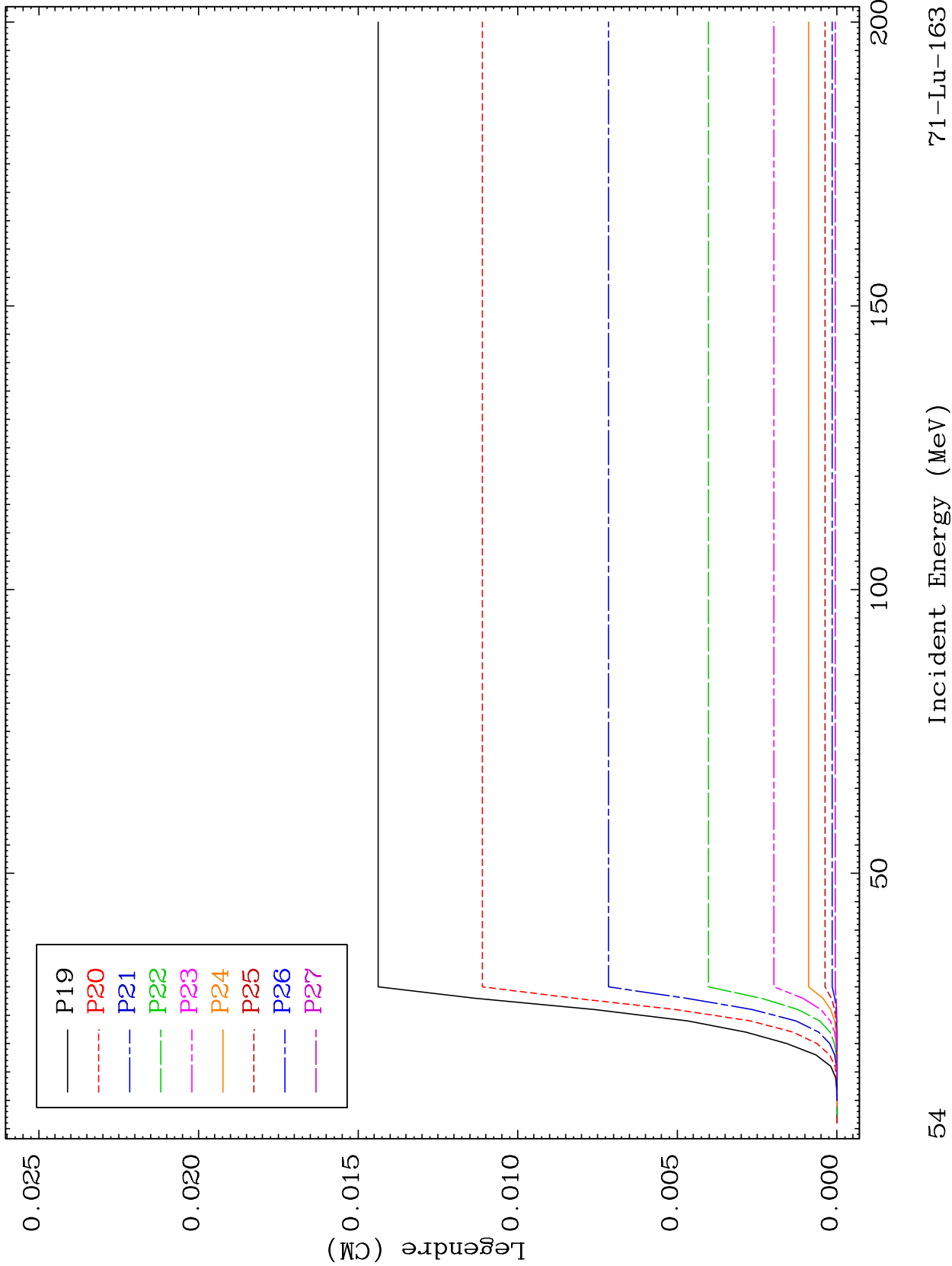
250.1 keV (n, n') Level
Legendre Coefficients

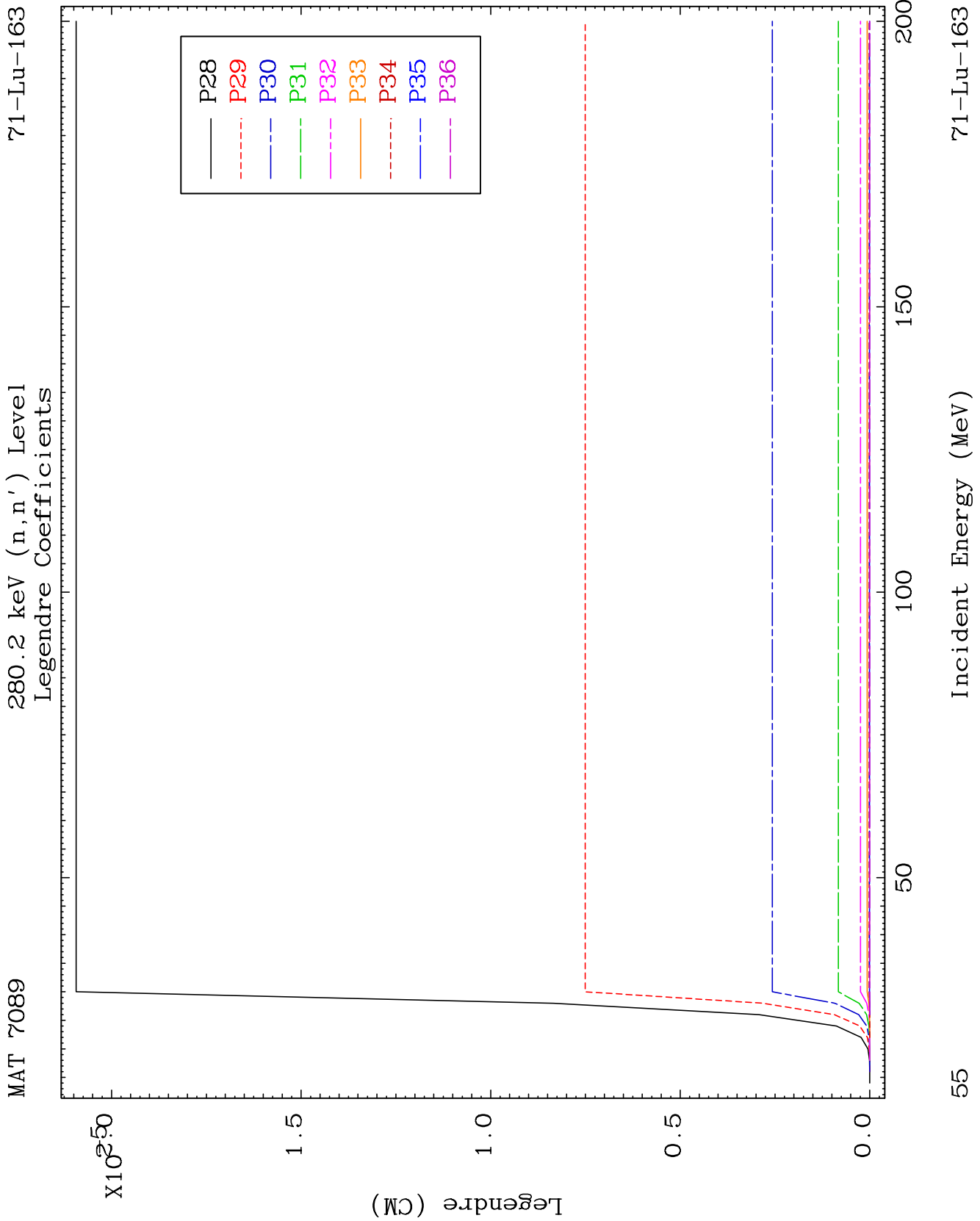
71-Lu-163







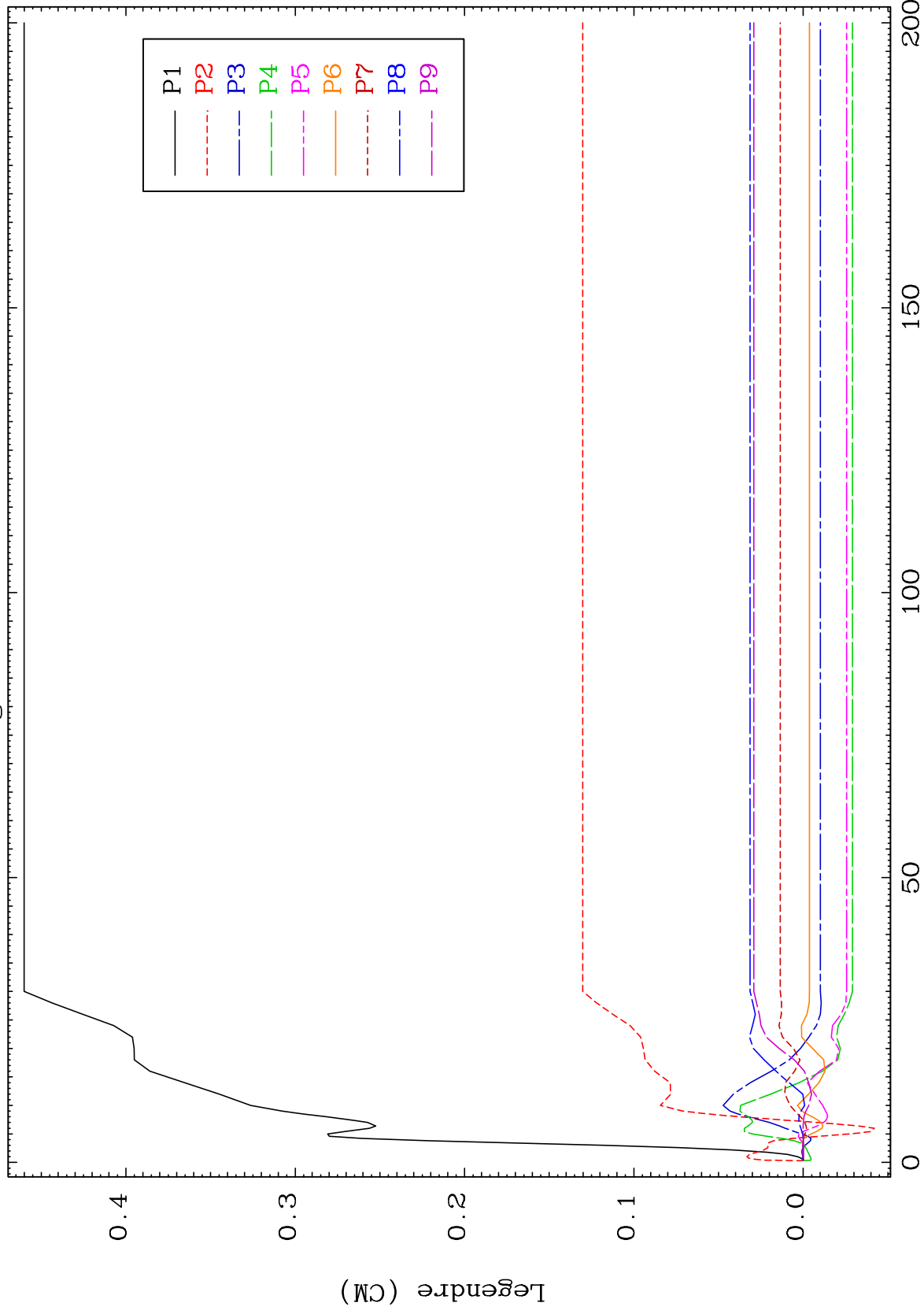




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295.5 keV (n, n') Level
Legendre Coefficients

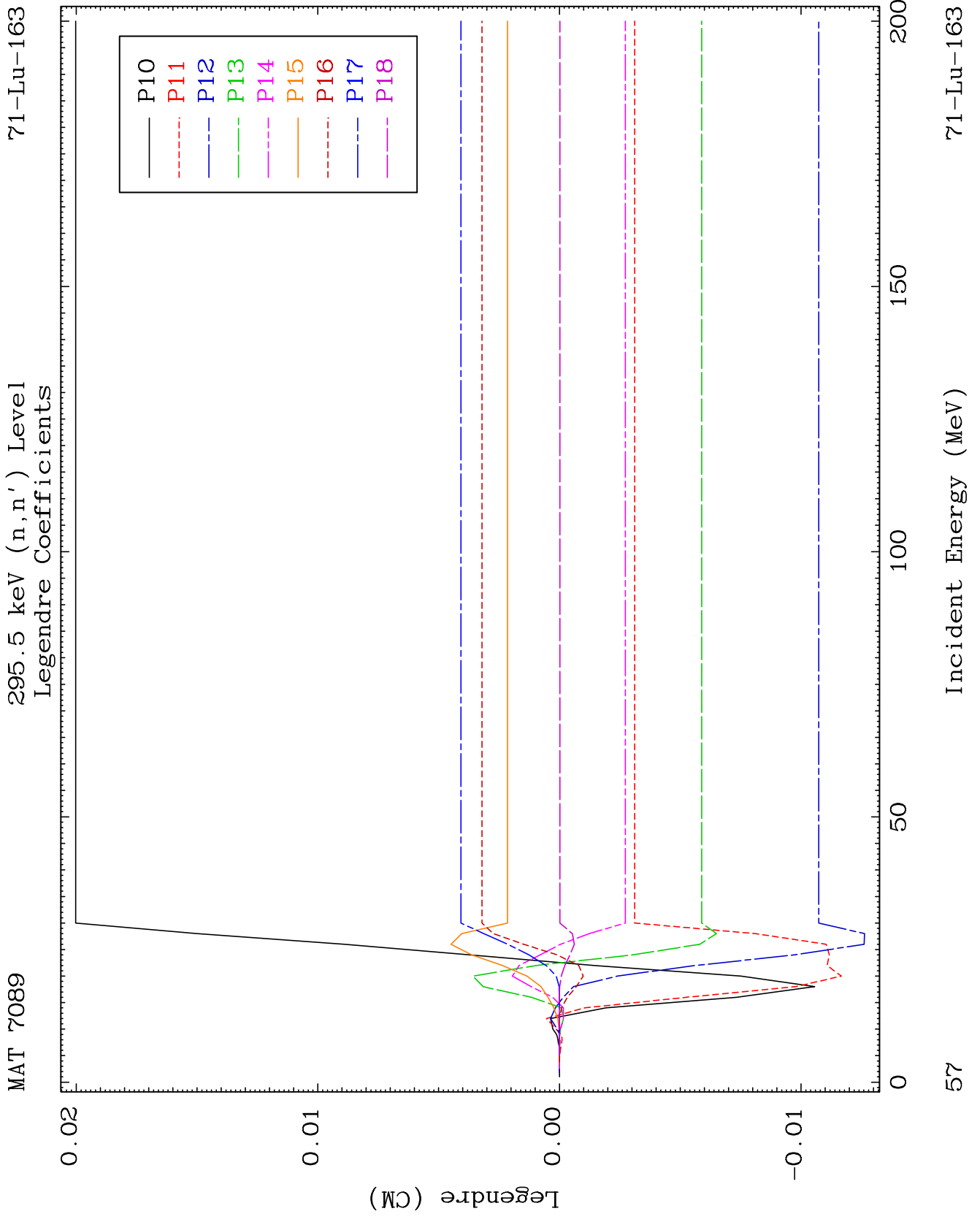
71-Lu-163

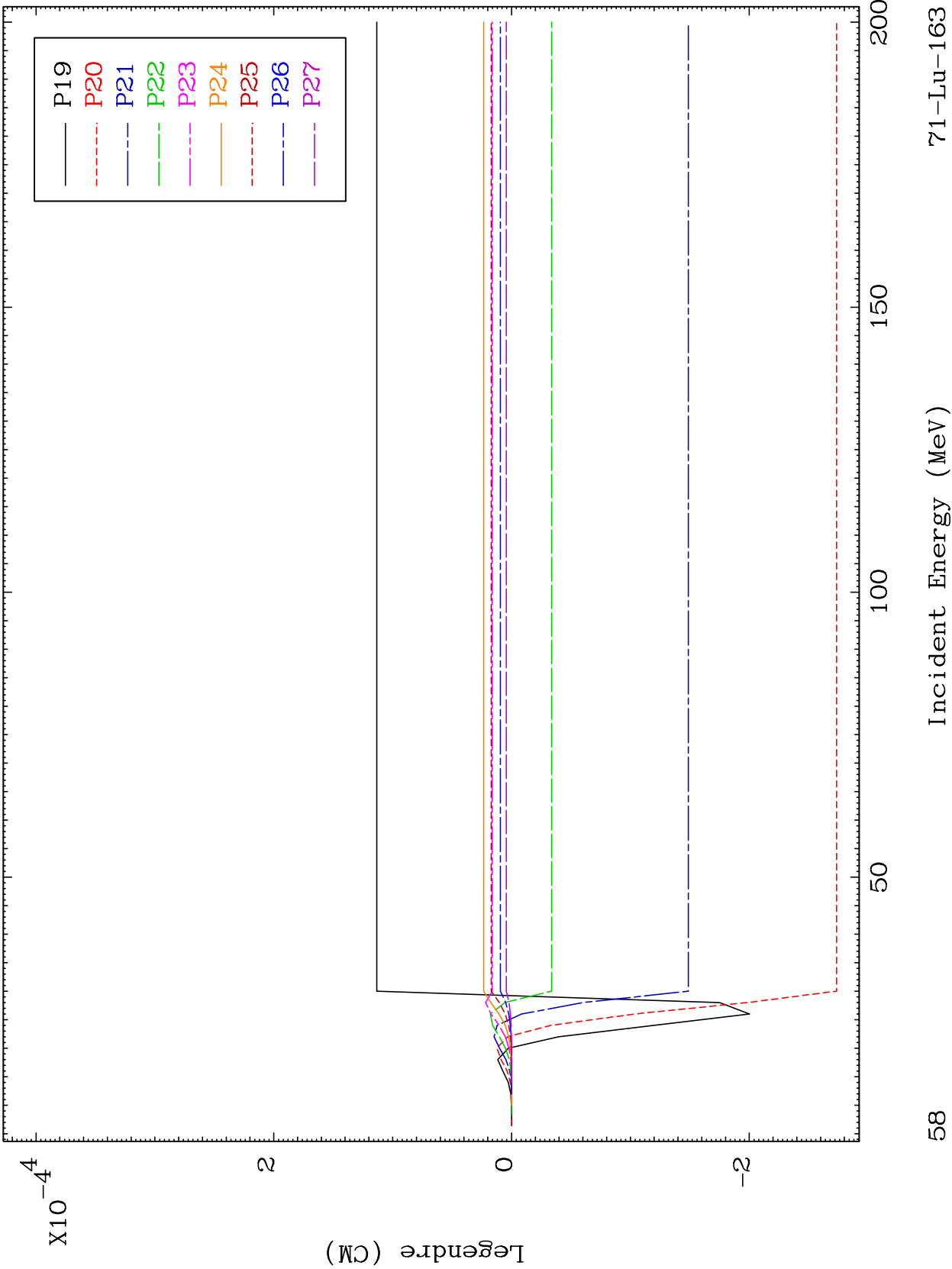


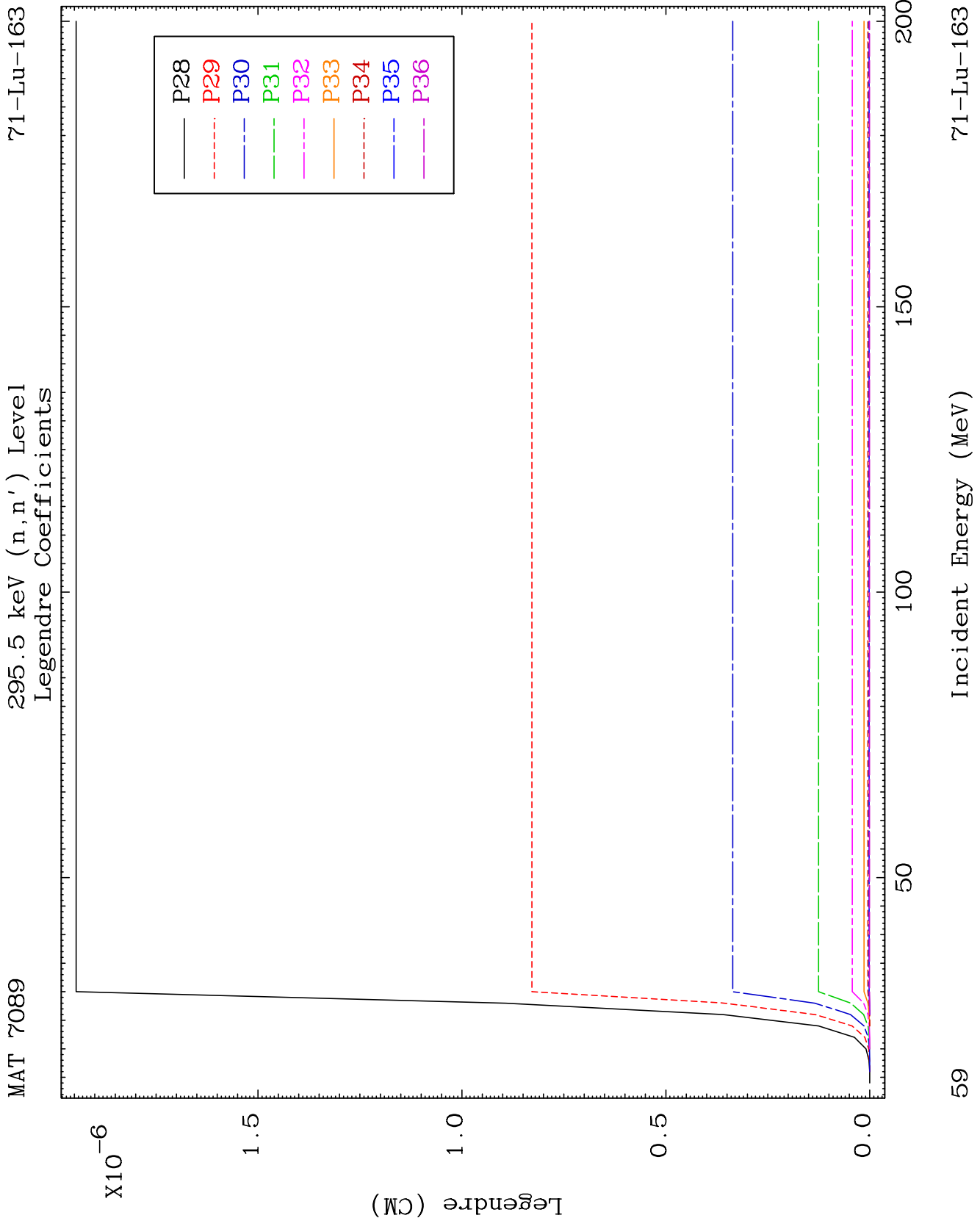
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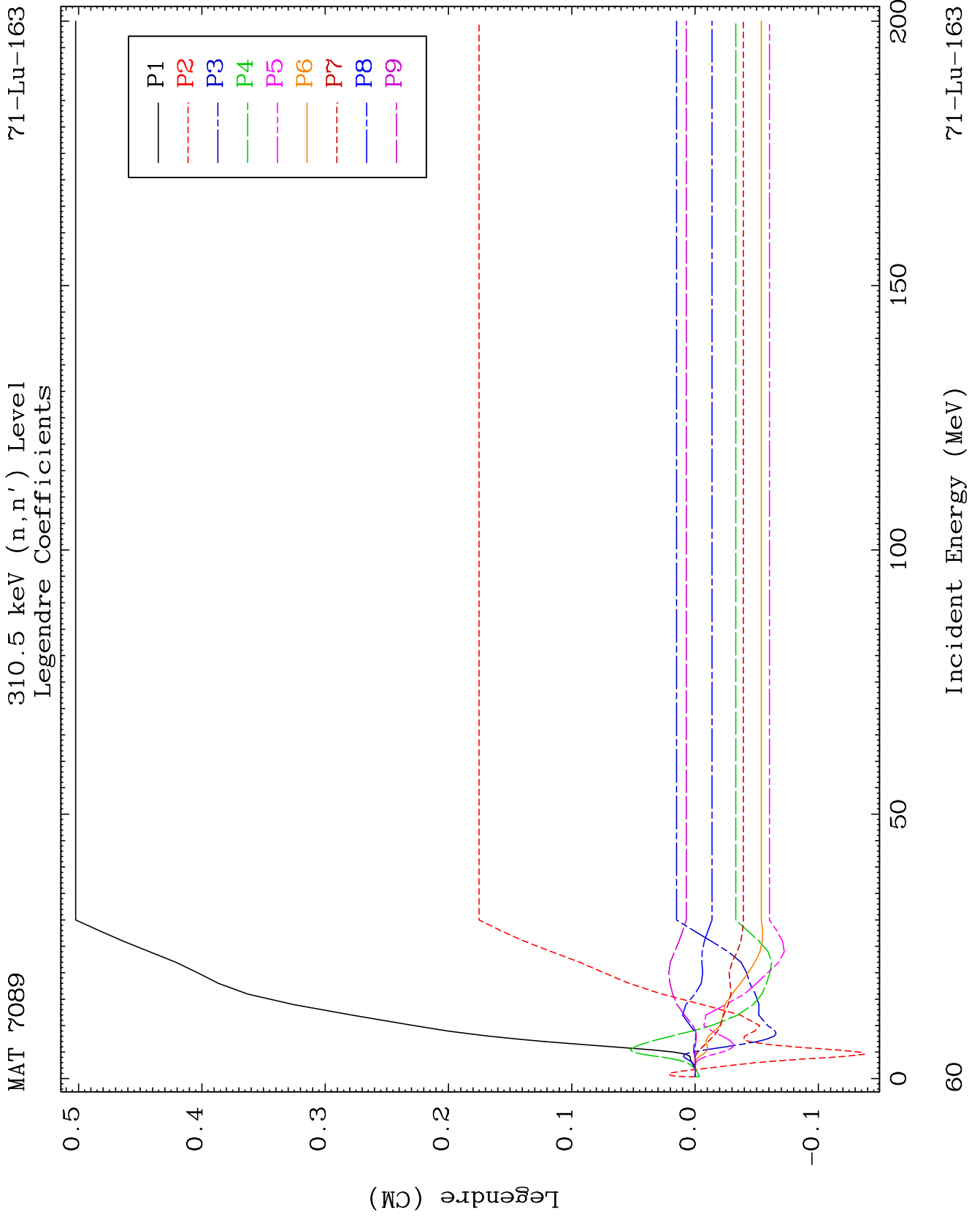
Incident Energy (MeV)

71-Lu-163





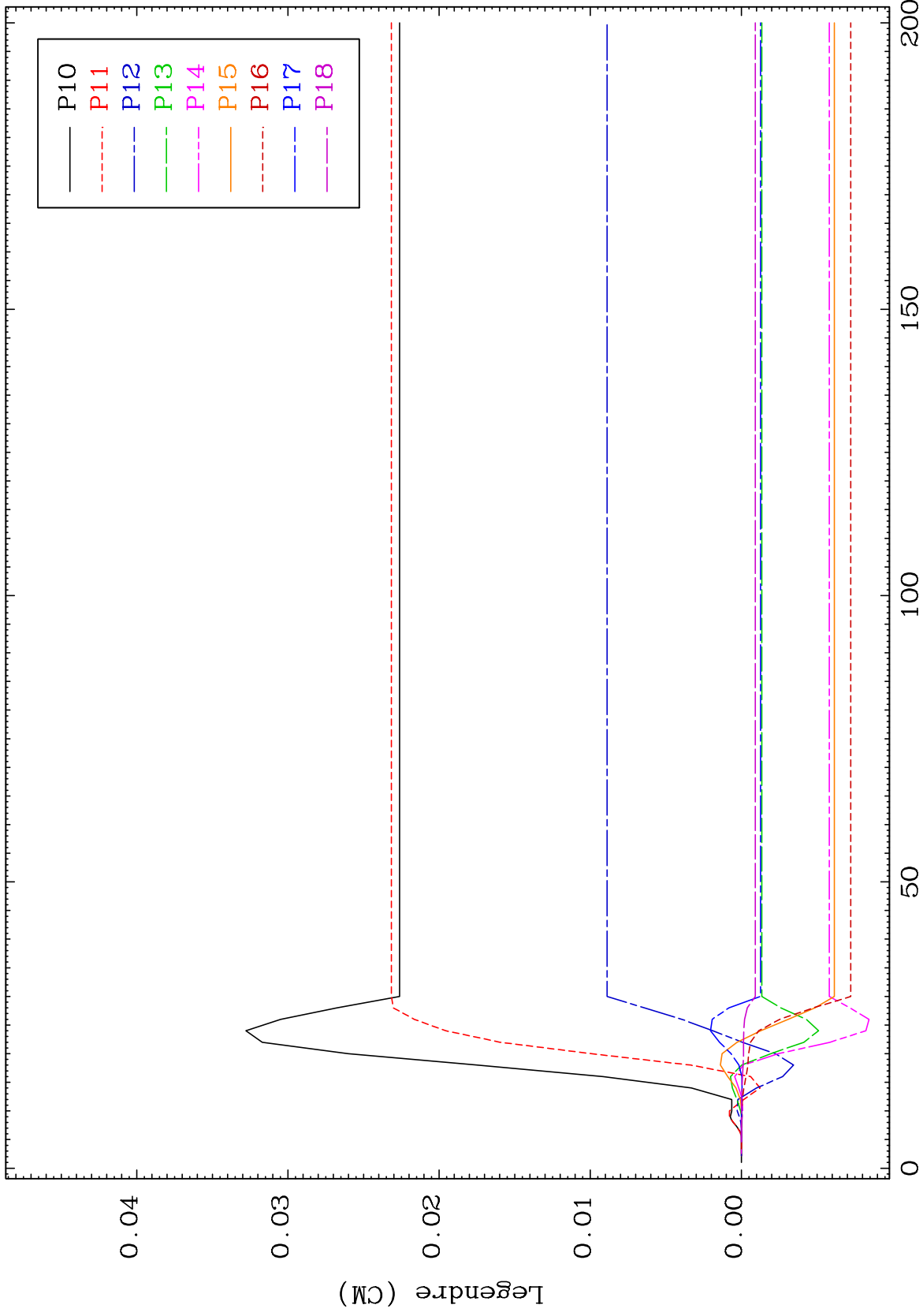




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310.5 keV (n,n') Level
Legendre Coefficients

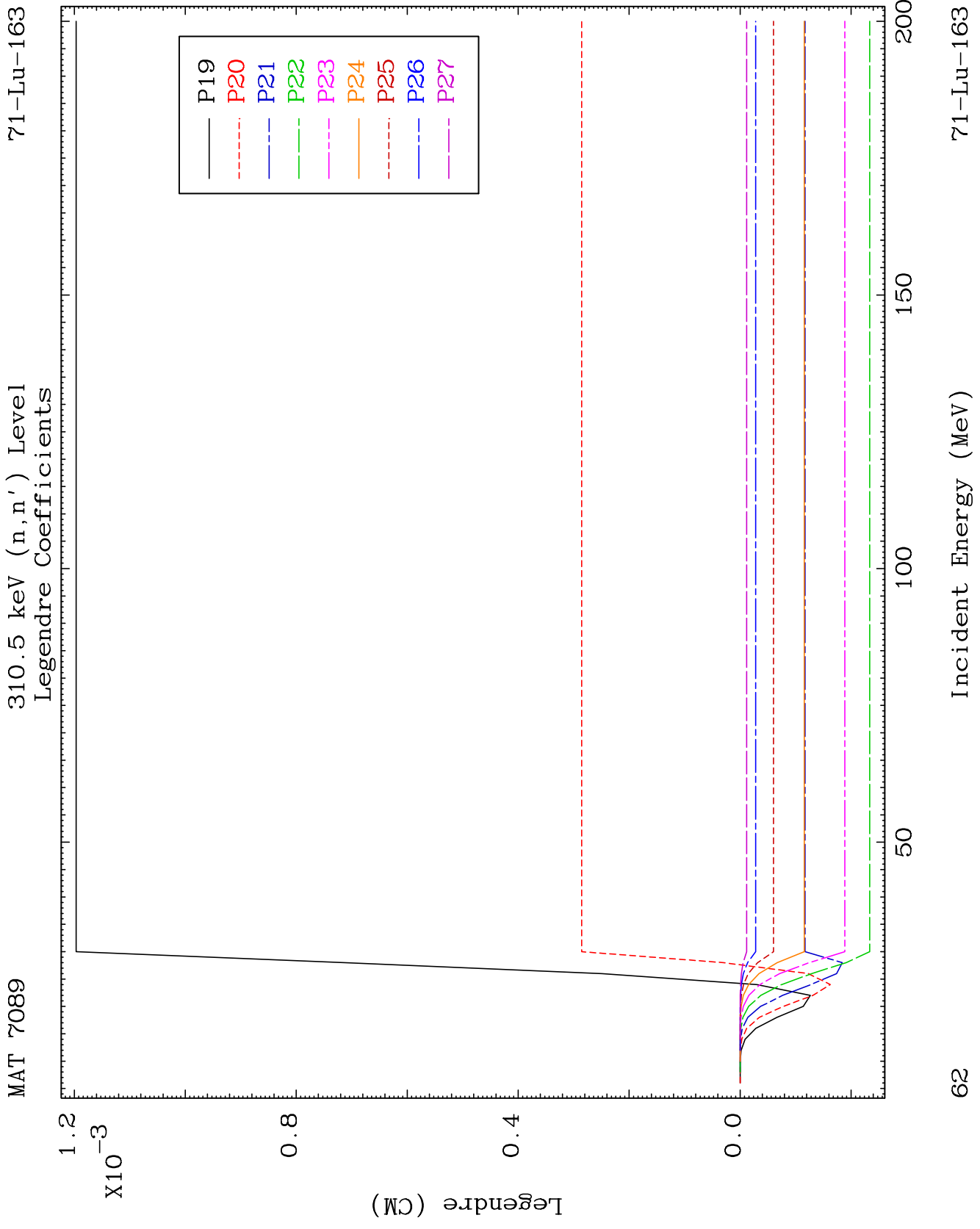
71-Lu-163

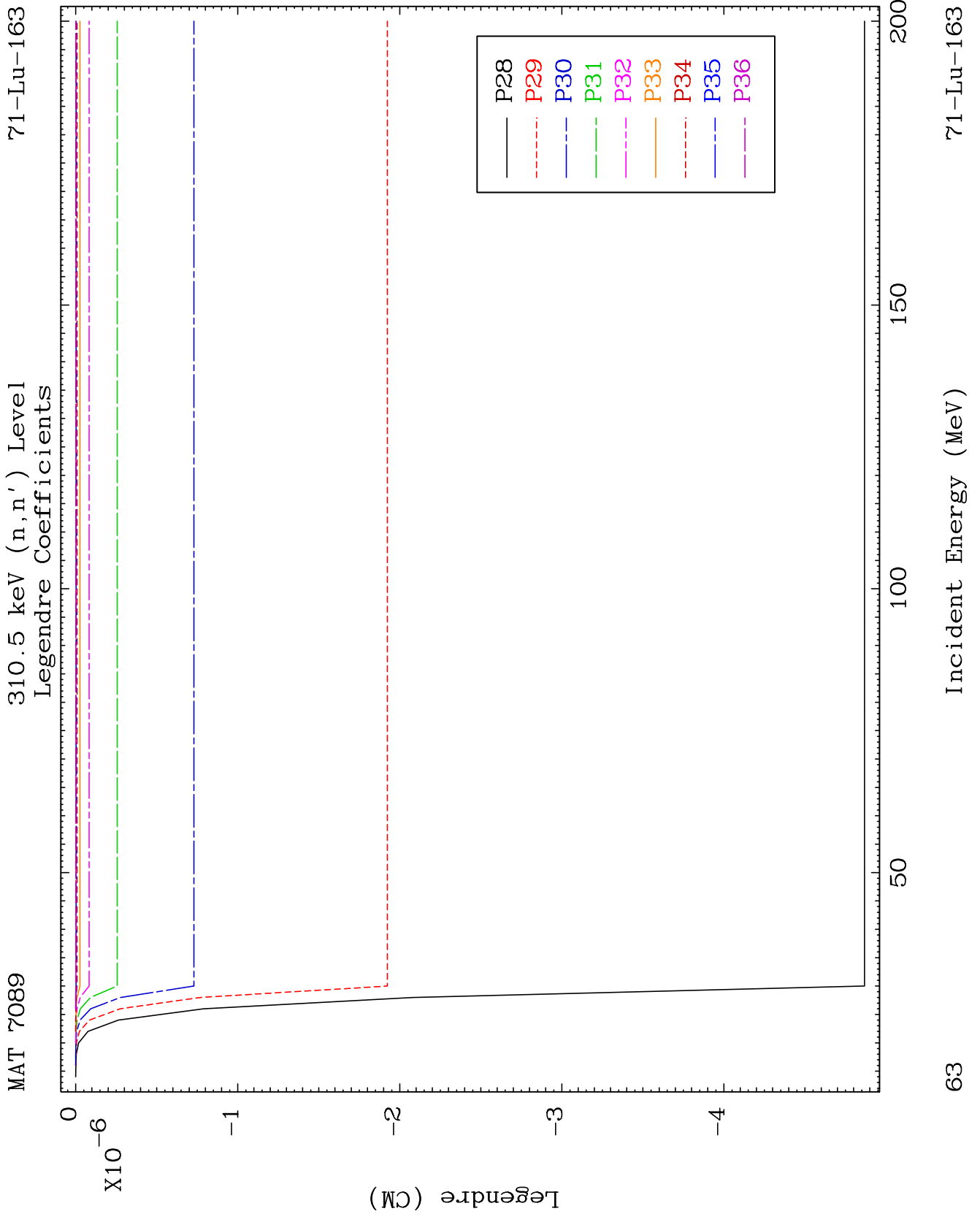


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Incident Energy (MeV)

71-Lu-163

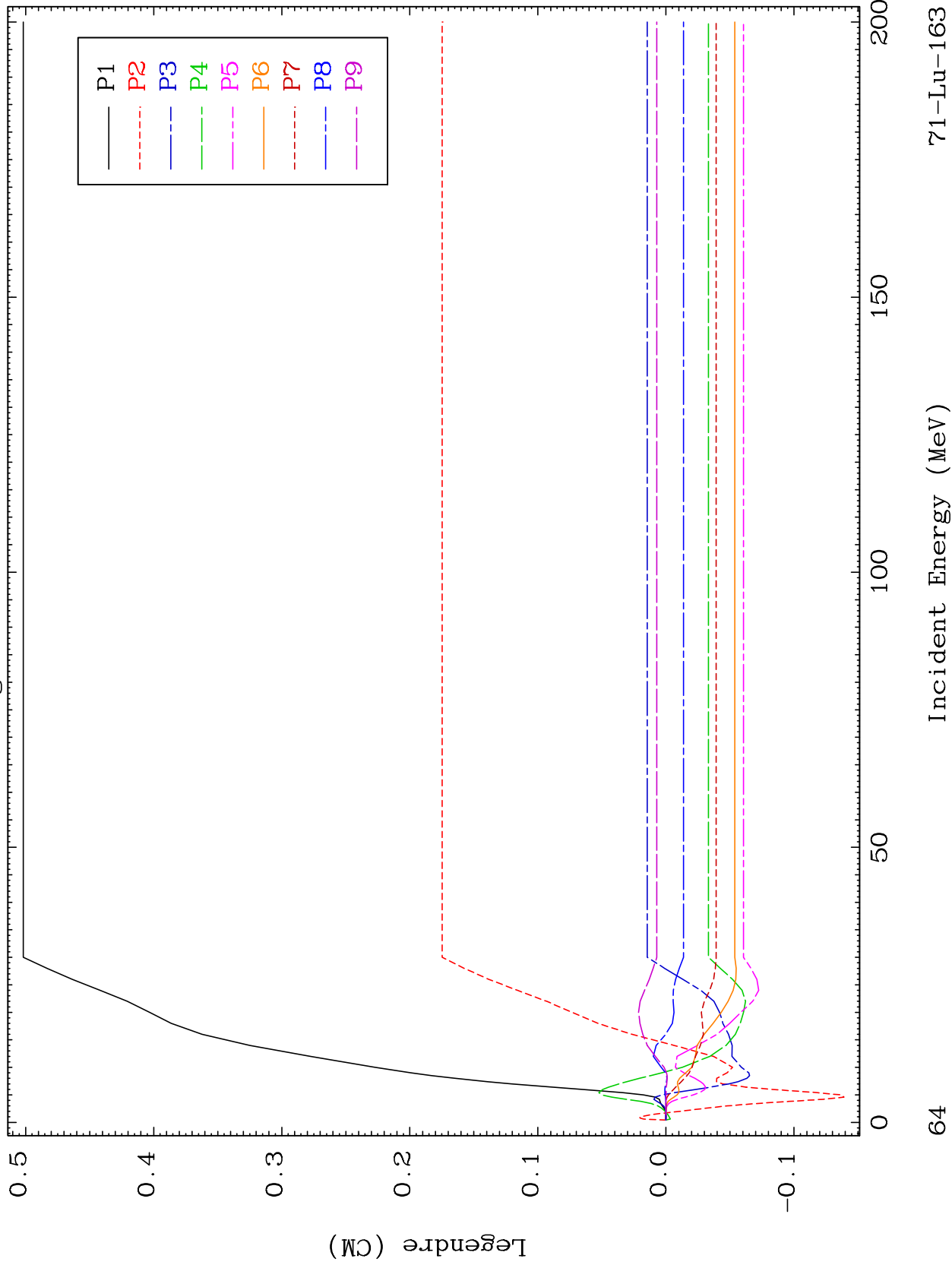




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414.2 keV (n, n') Level
Legendre Coefficients

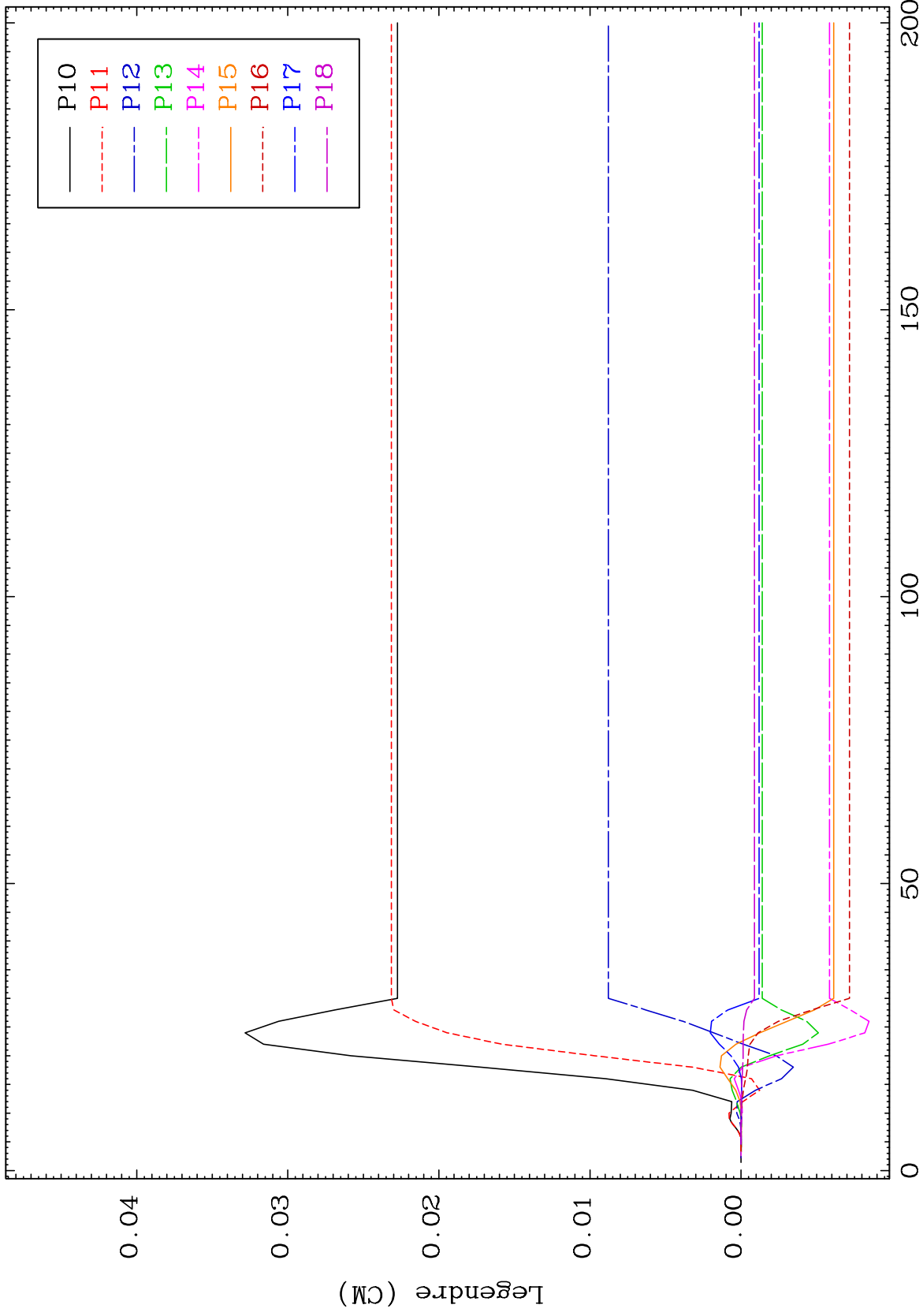
71-Lu-163



MAT 7089

414.2 keV (n, n') Level
Legendre Coefficients

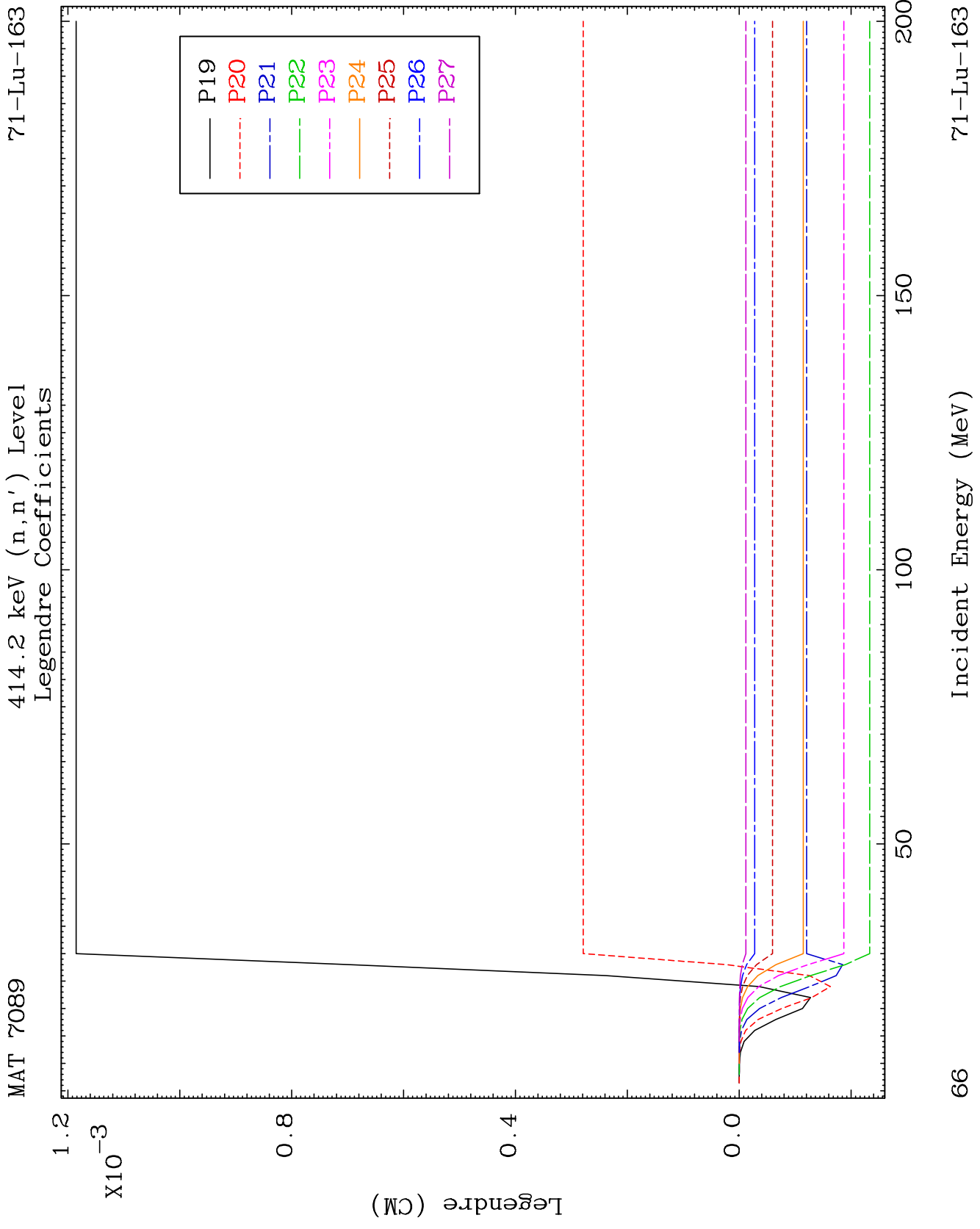
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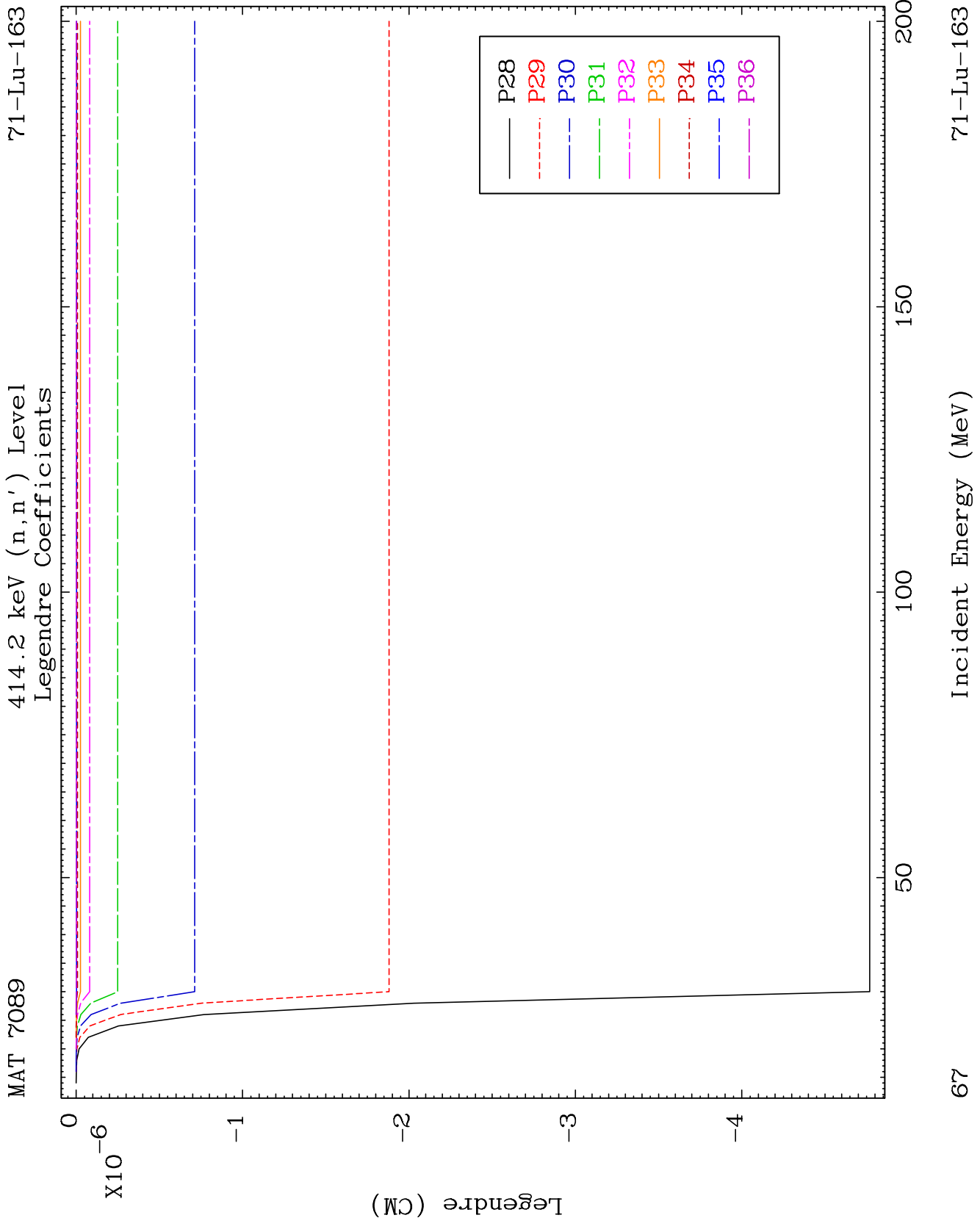


65

Incident Energy (MeV)

71-Lu-163

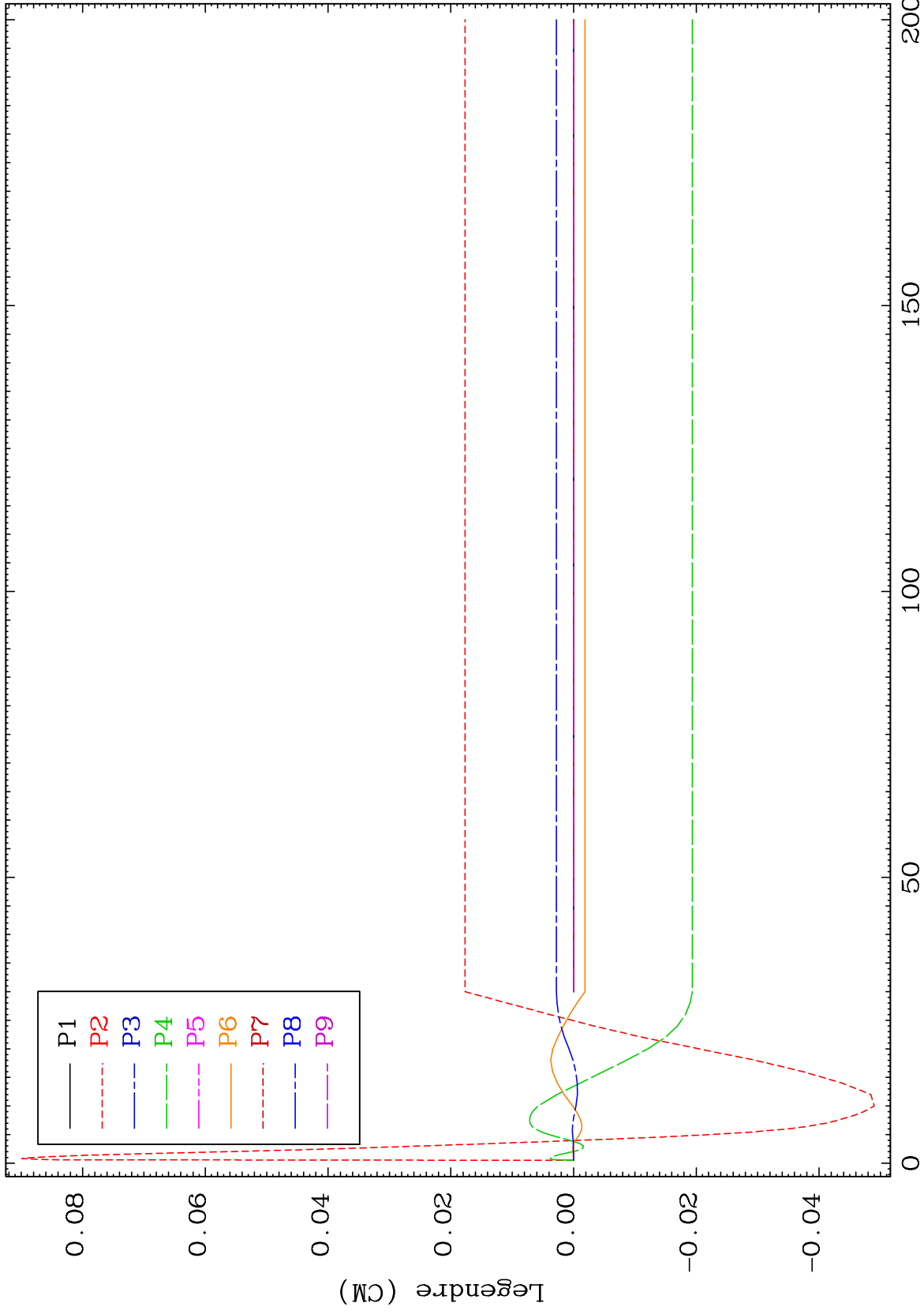




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492.1 keV (n,n') Level
Legendre Coefficients

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Incident Energy (MeV)

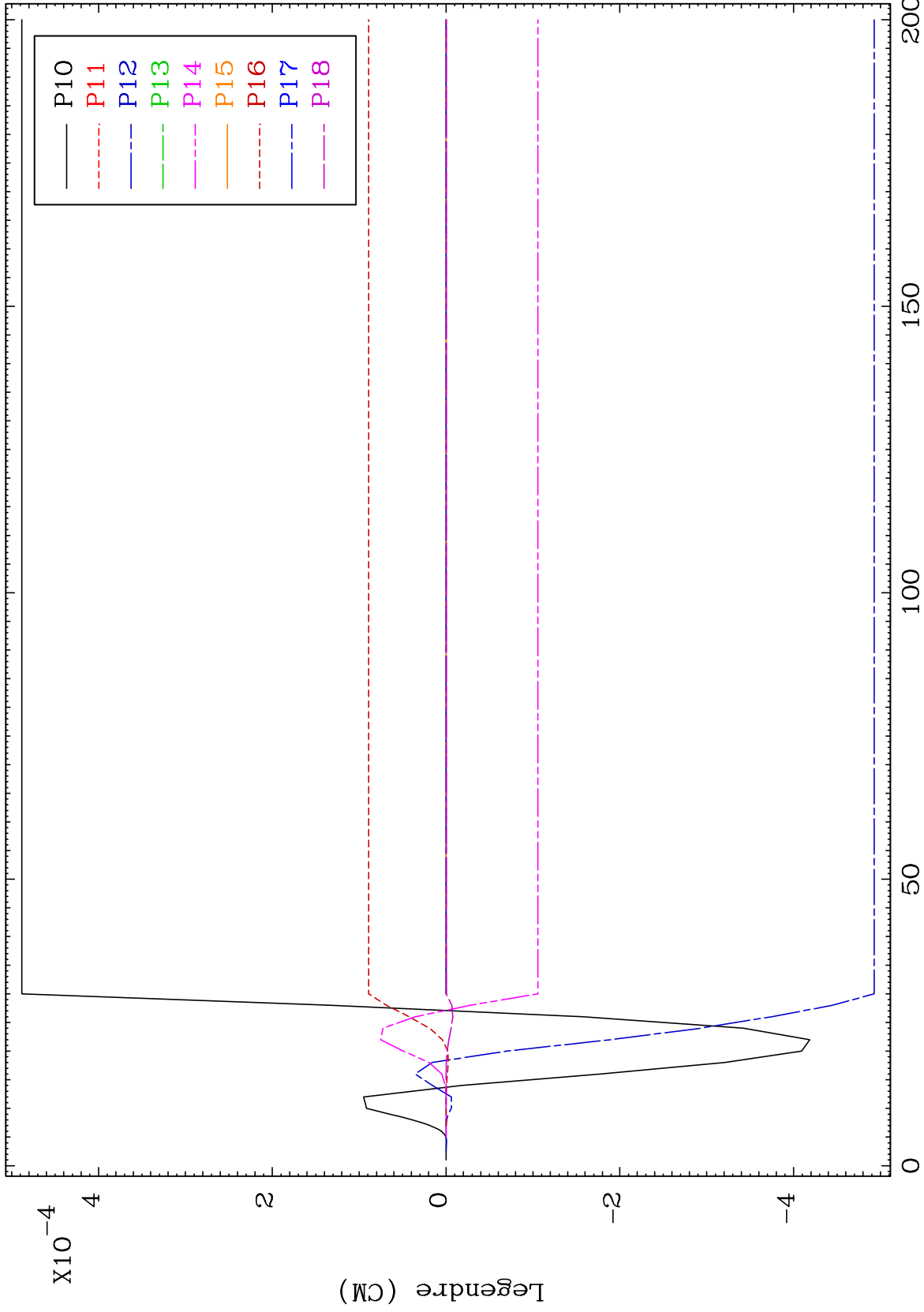
71-Lu-163

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MAT 7089

492.1 keV (n,n') Level
Legendre Coefficients

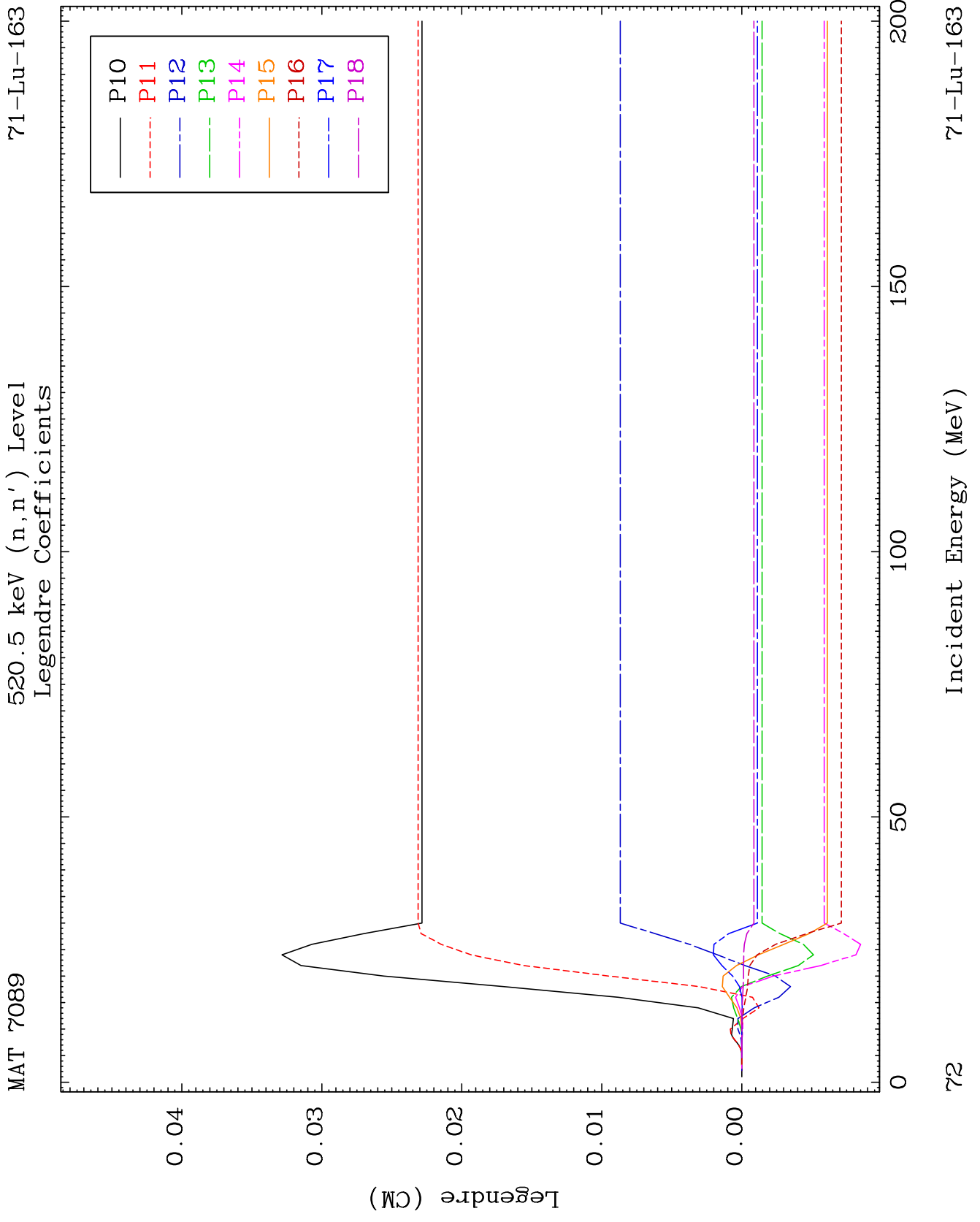
71-Lu-163

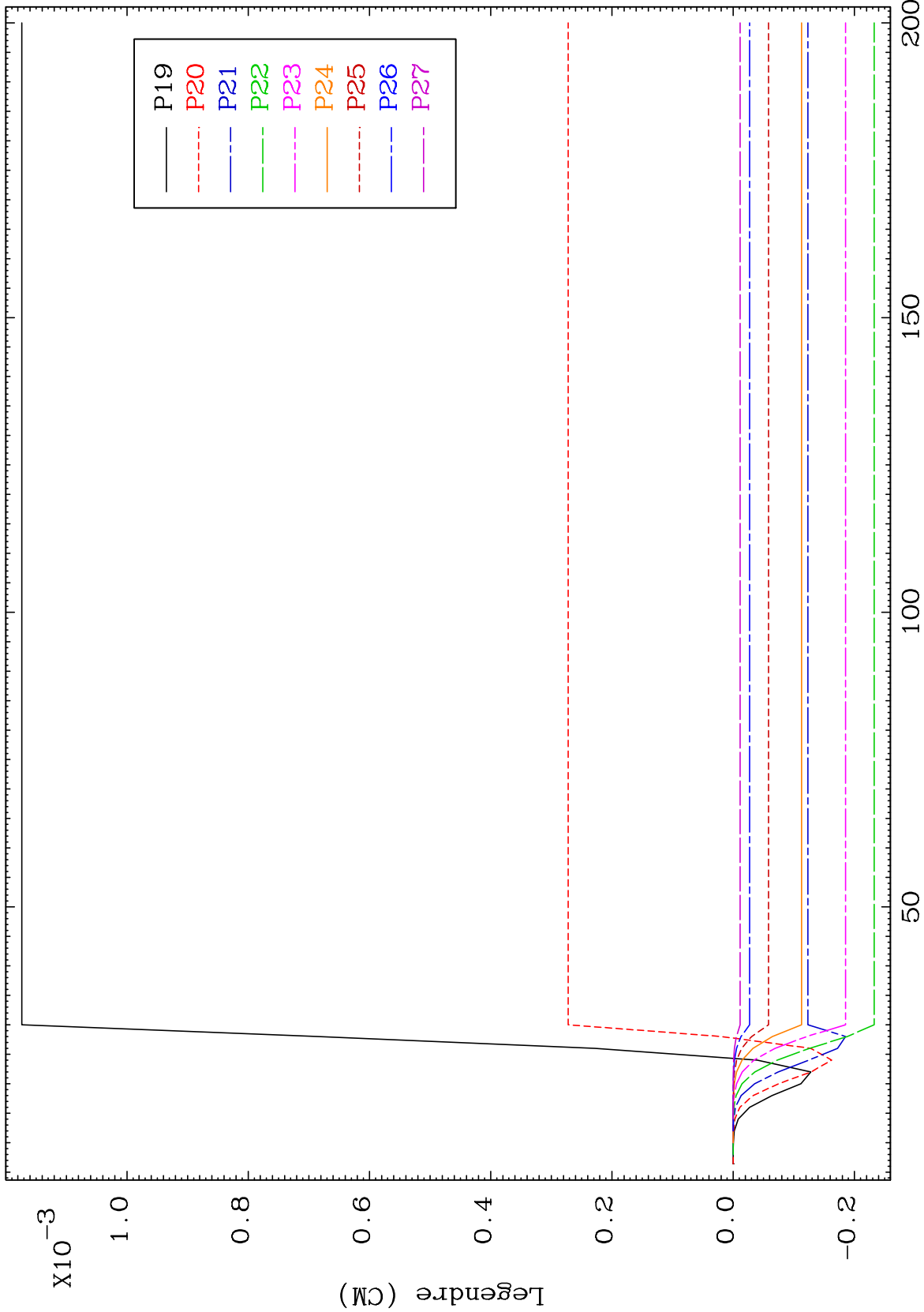


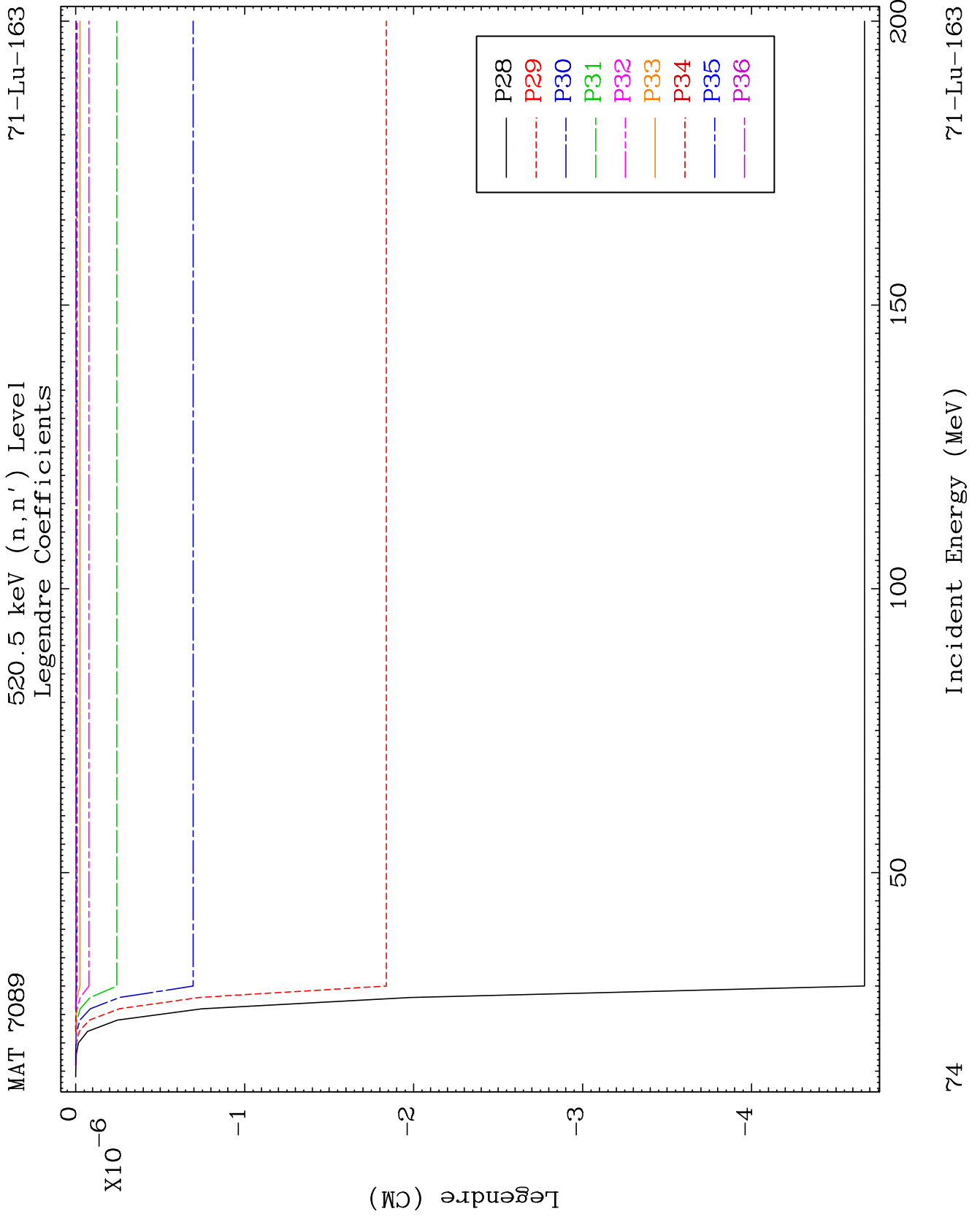
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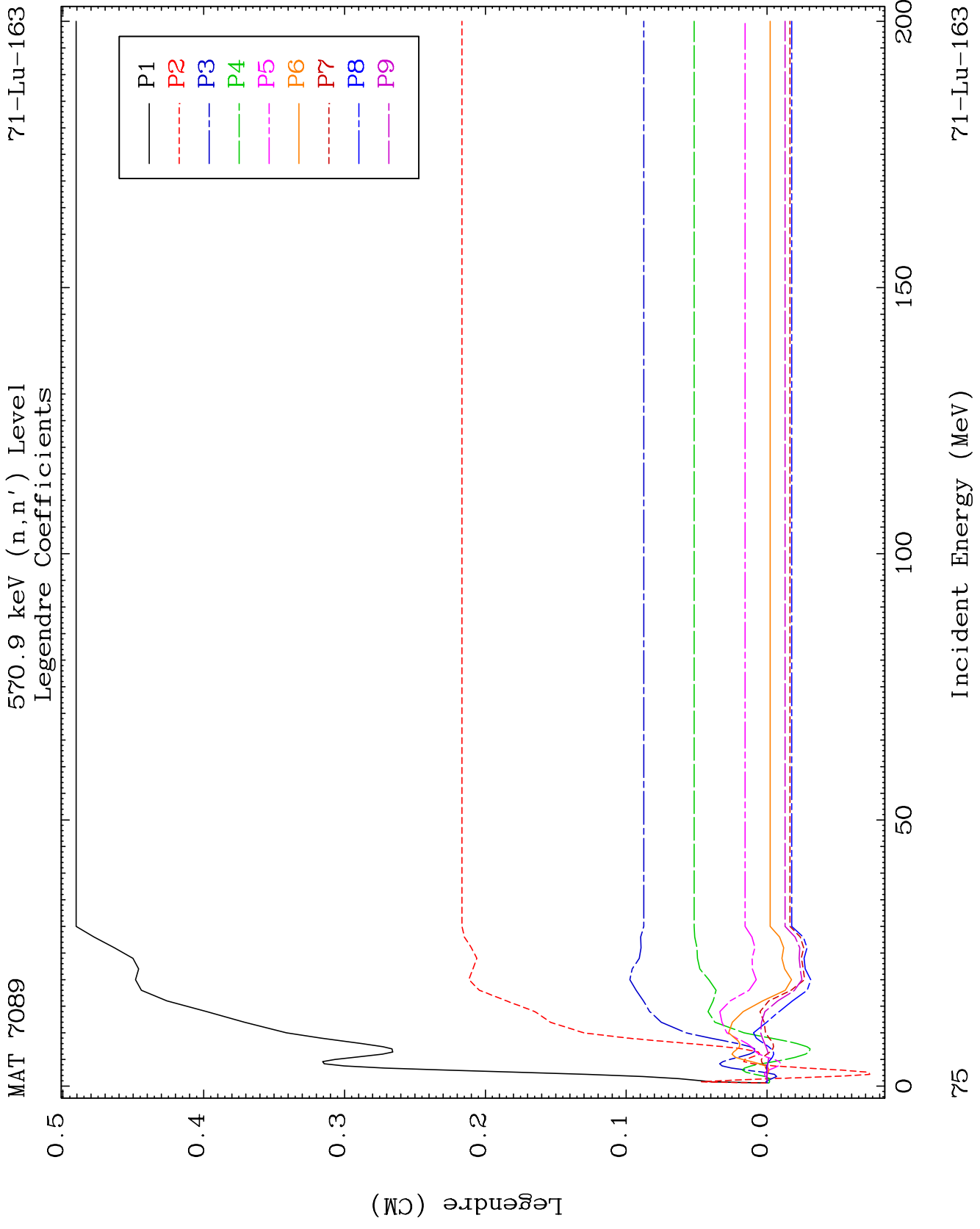
Incident Energy (MeV)

71-Lu-163





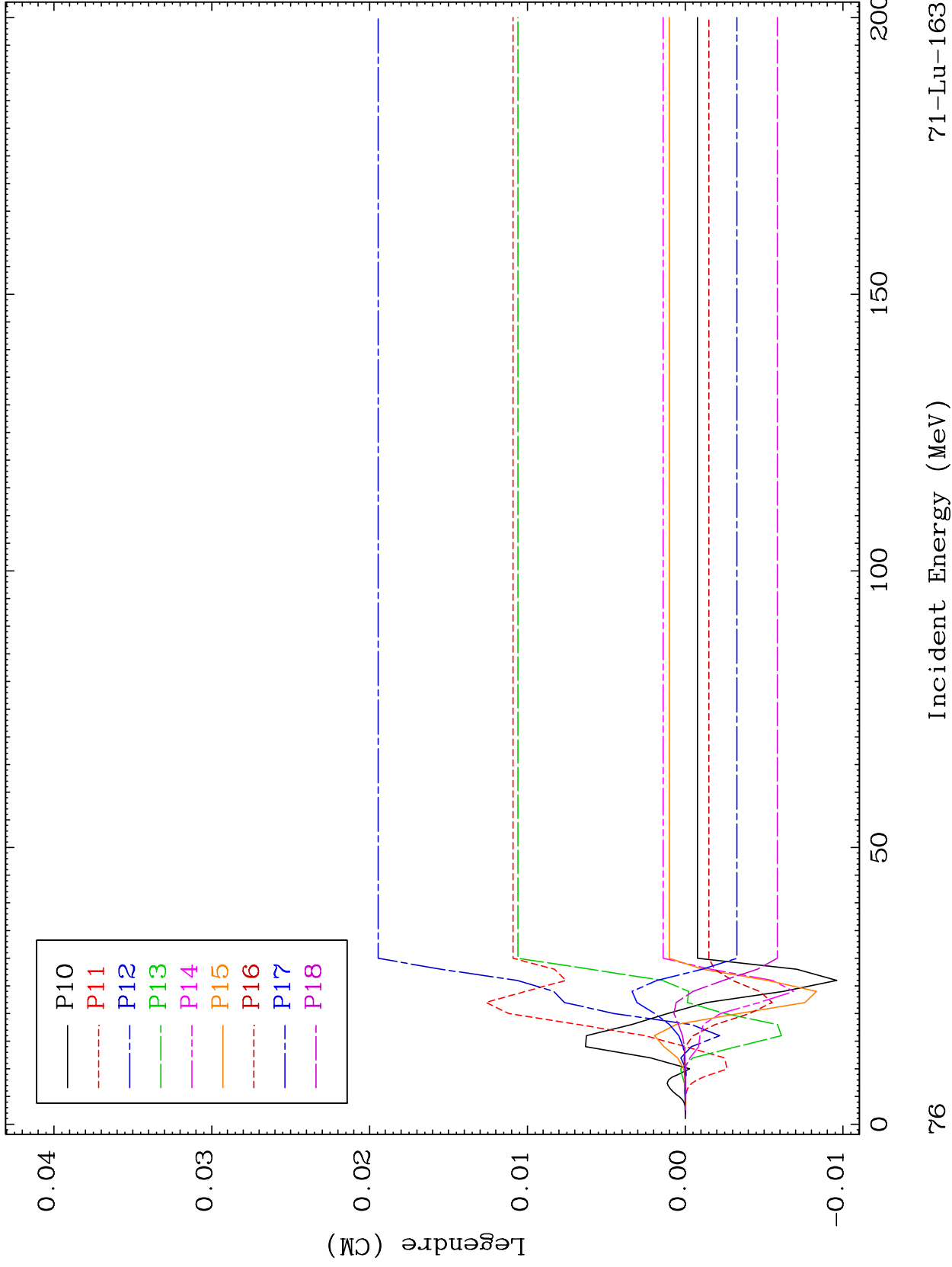




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570.9 keV (n,n') Level
Legendre Coefficients

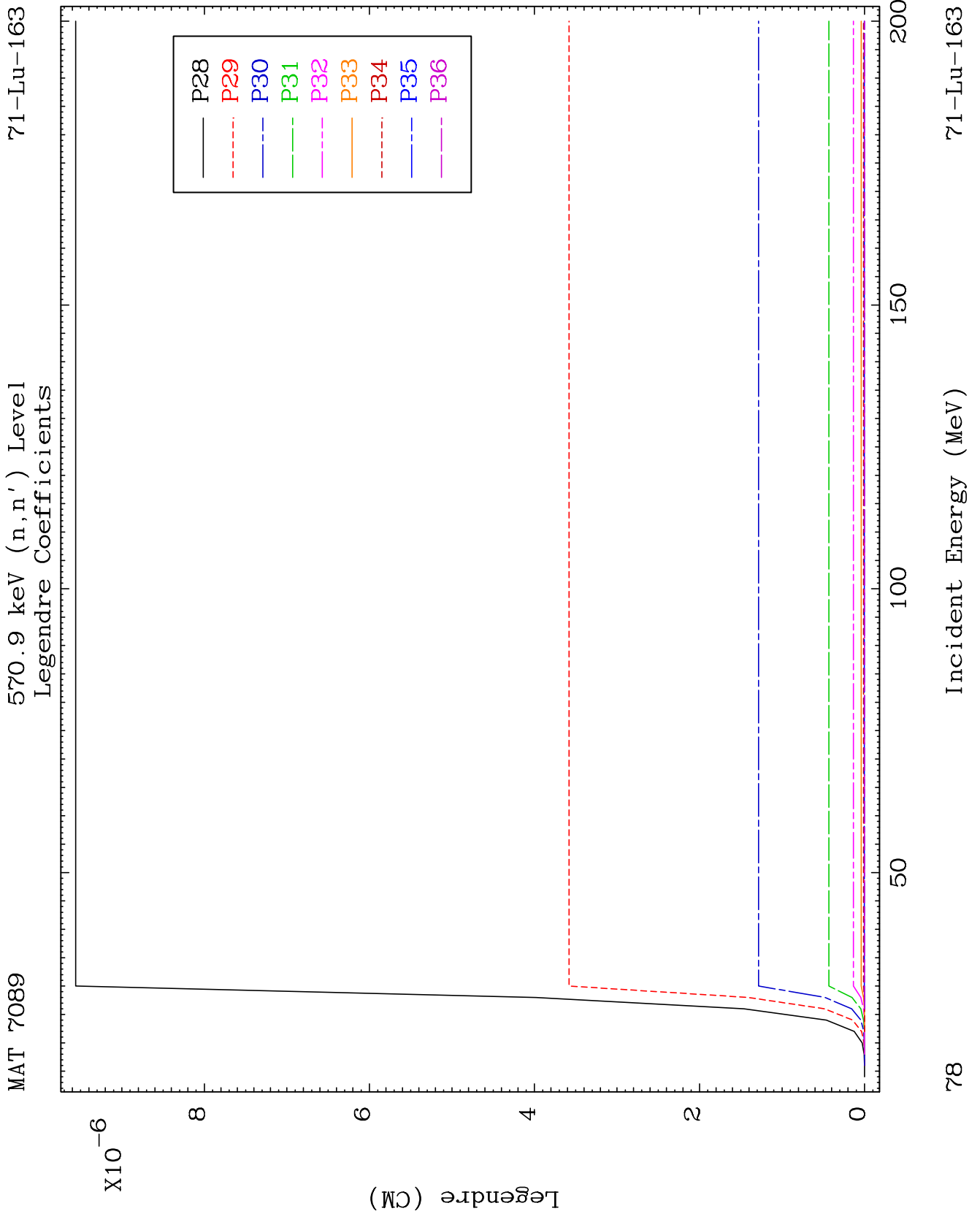
71-Lu-163

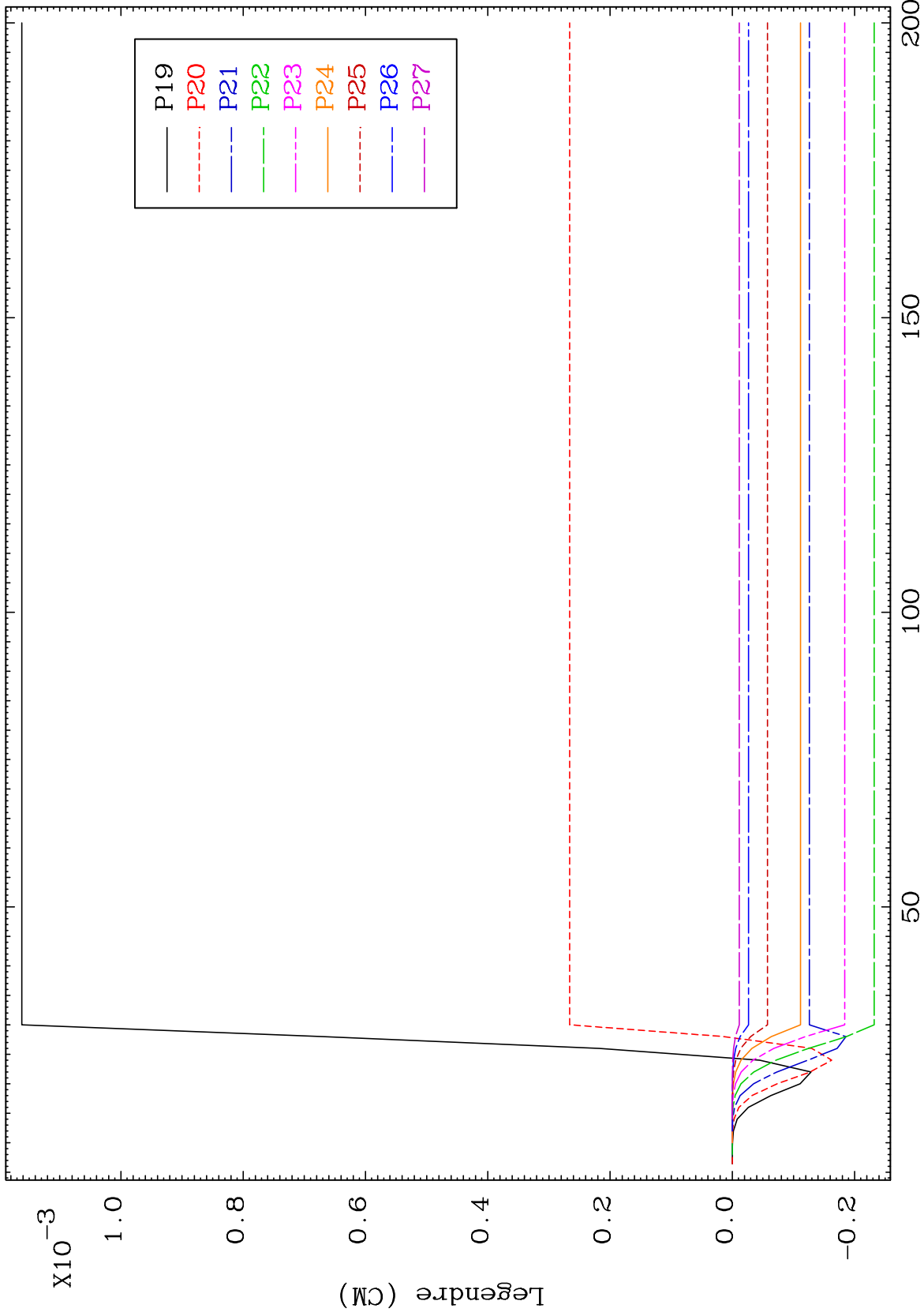


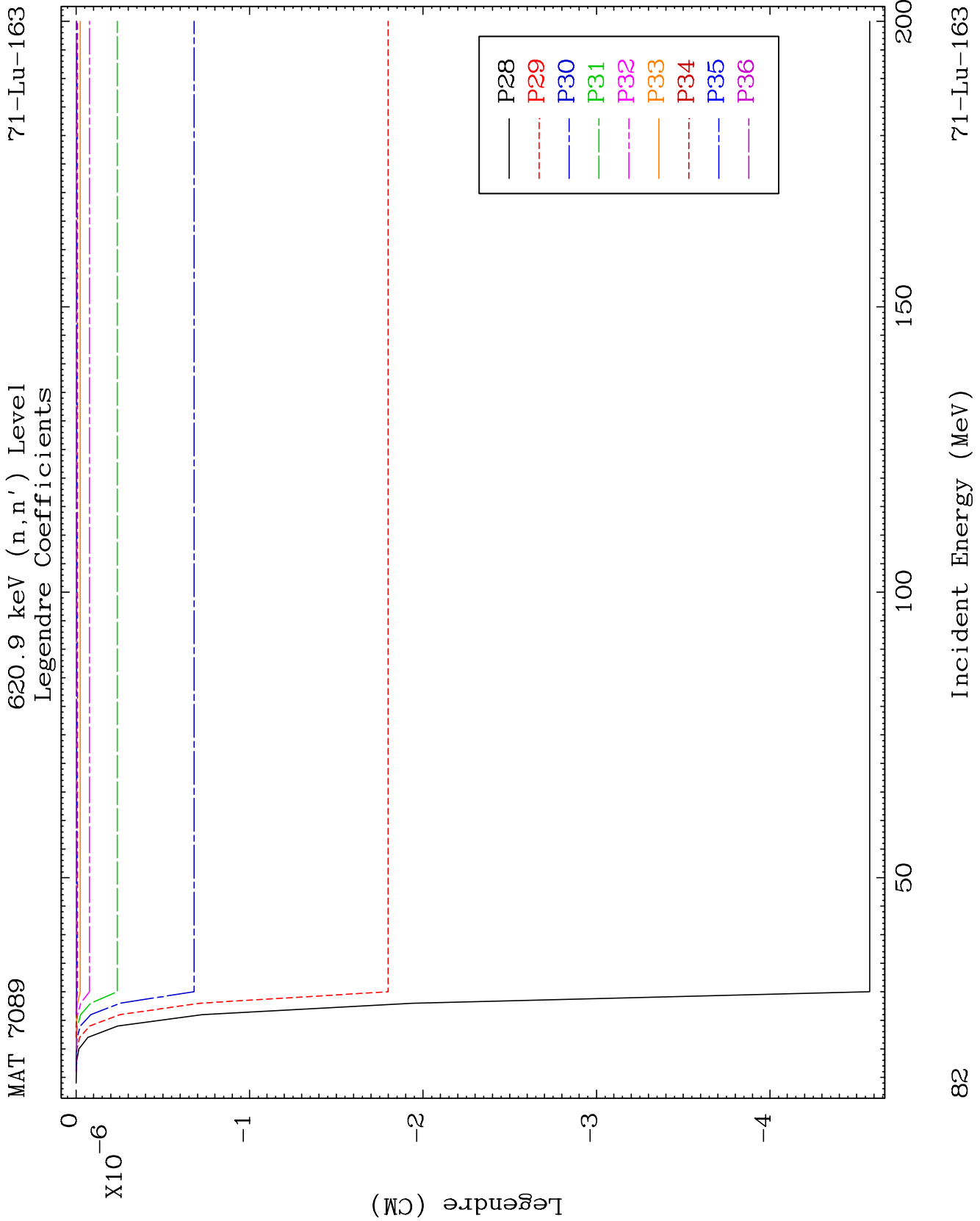
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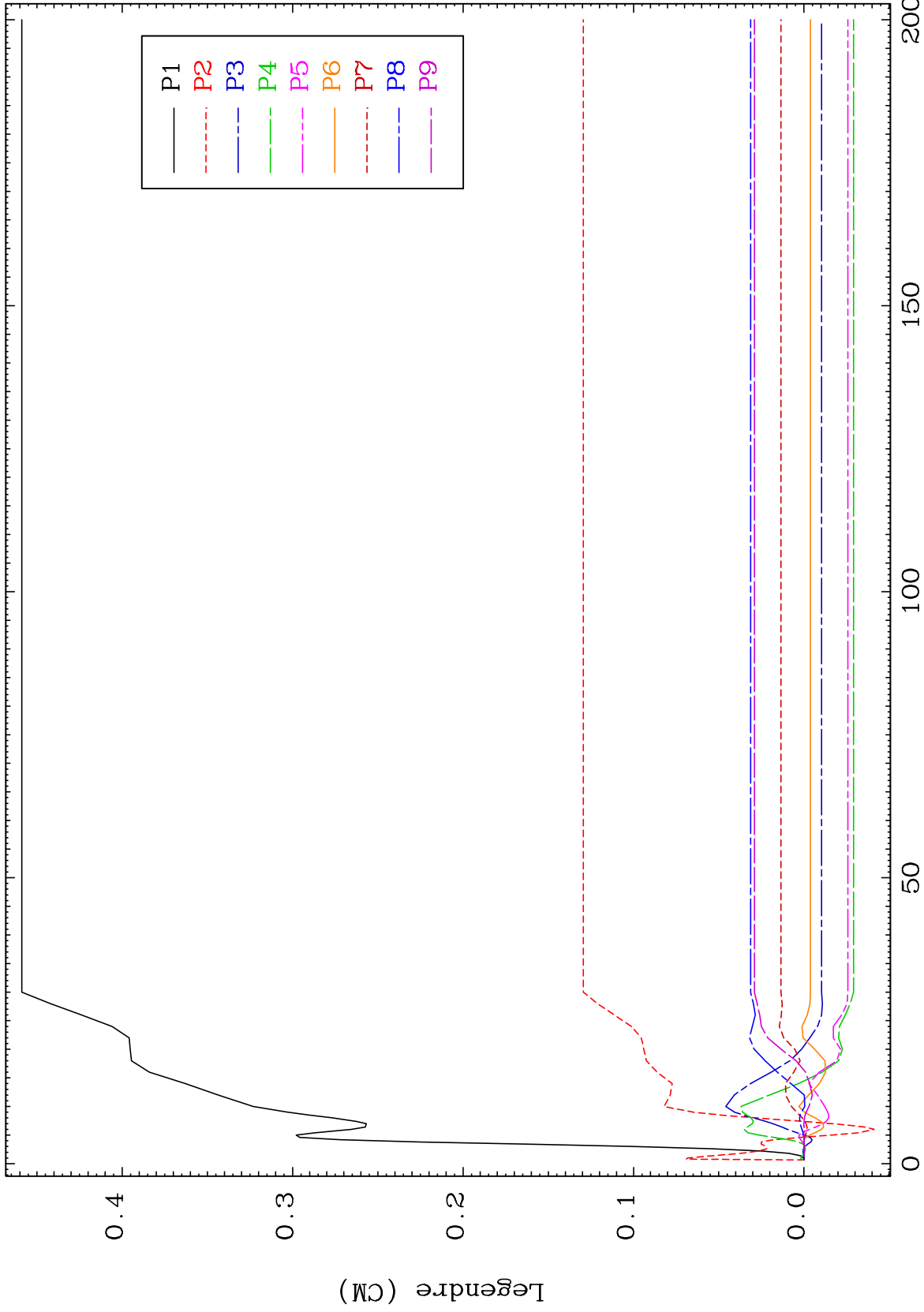
Incident Energy (MeV)

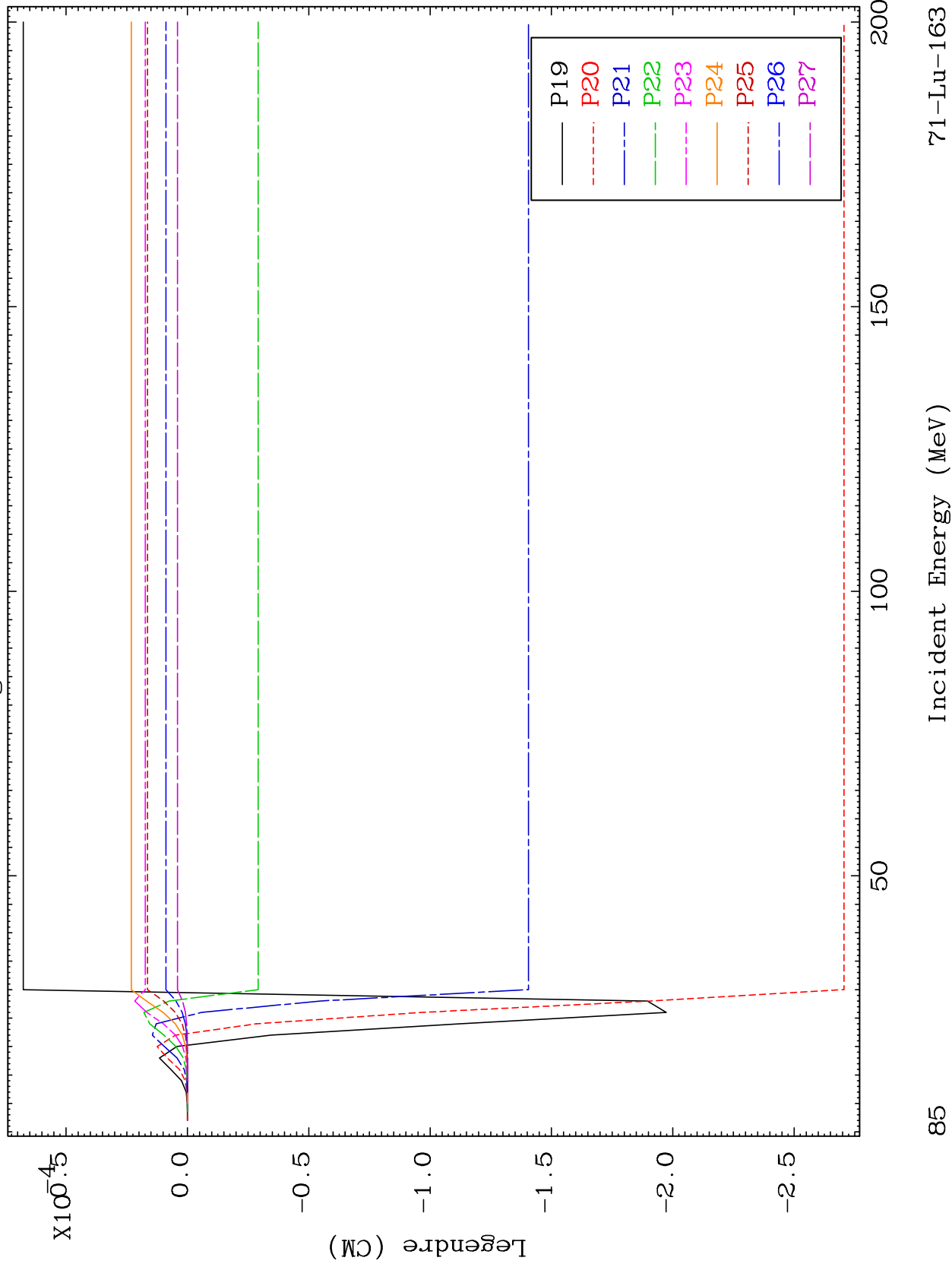
71-Lu-163

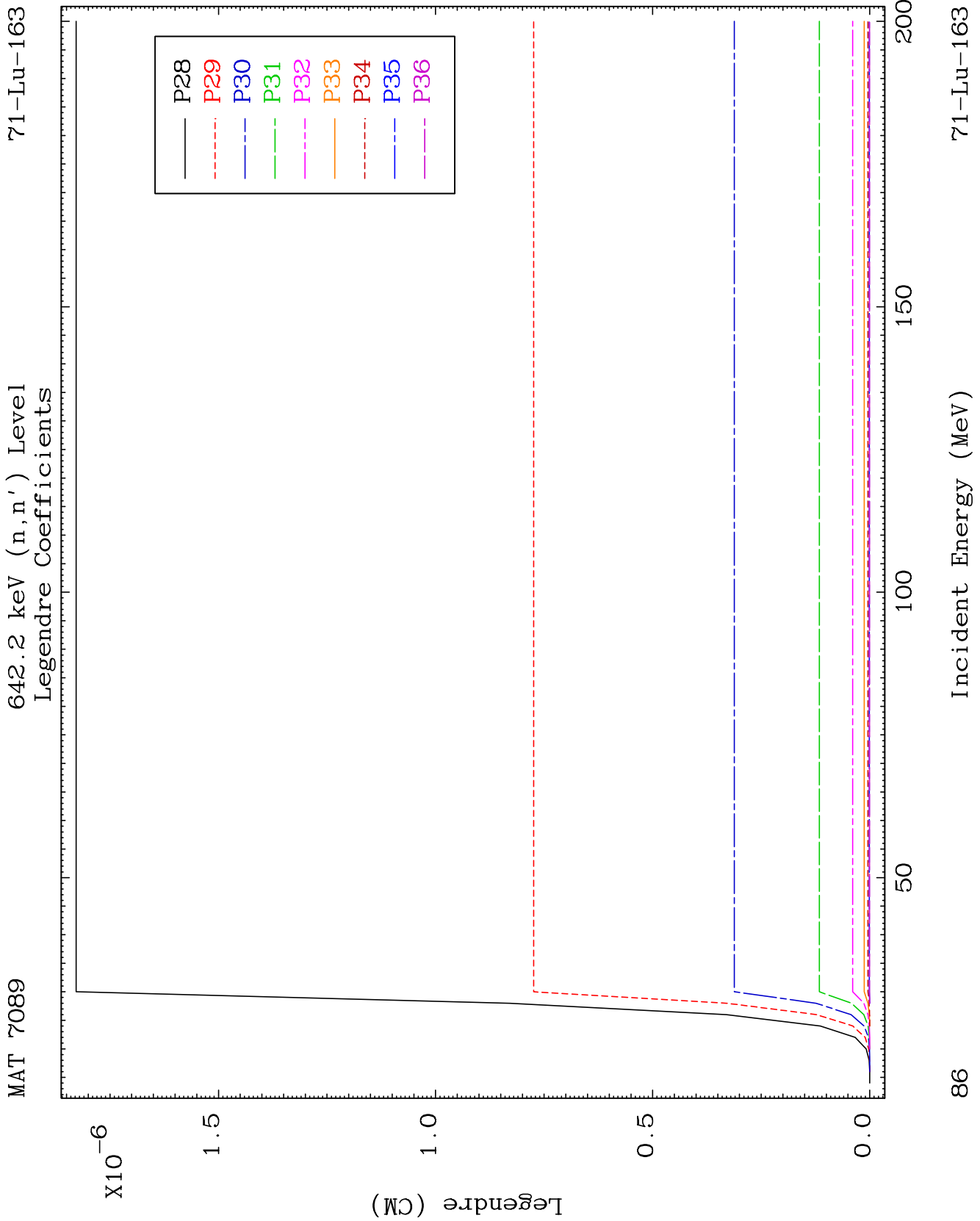








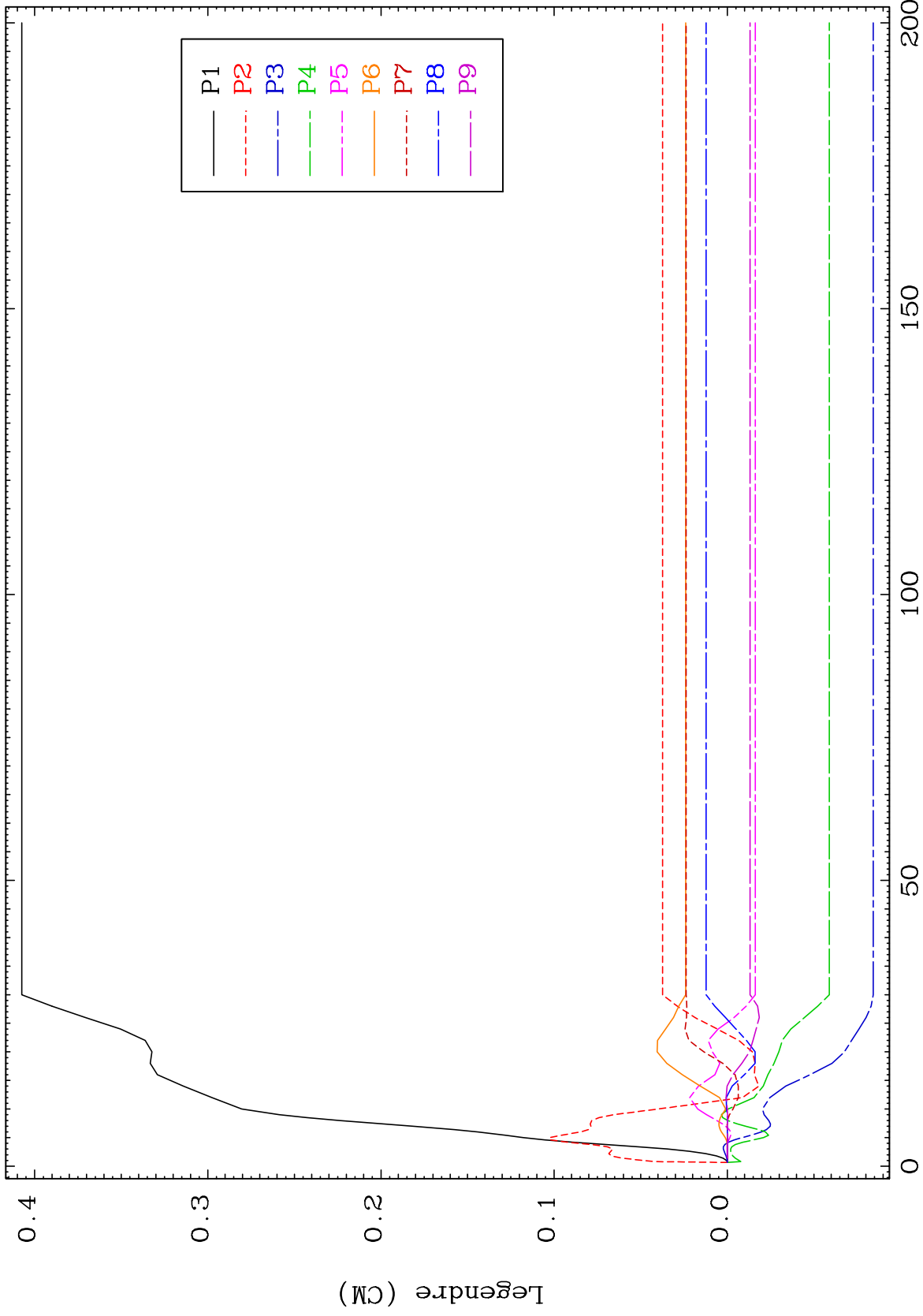




MAT 7089

644.7 keV (n, n') Level
Legendre Coefficients

71-Lu-163



71-Lu-163

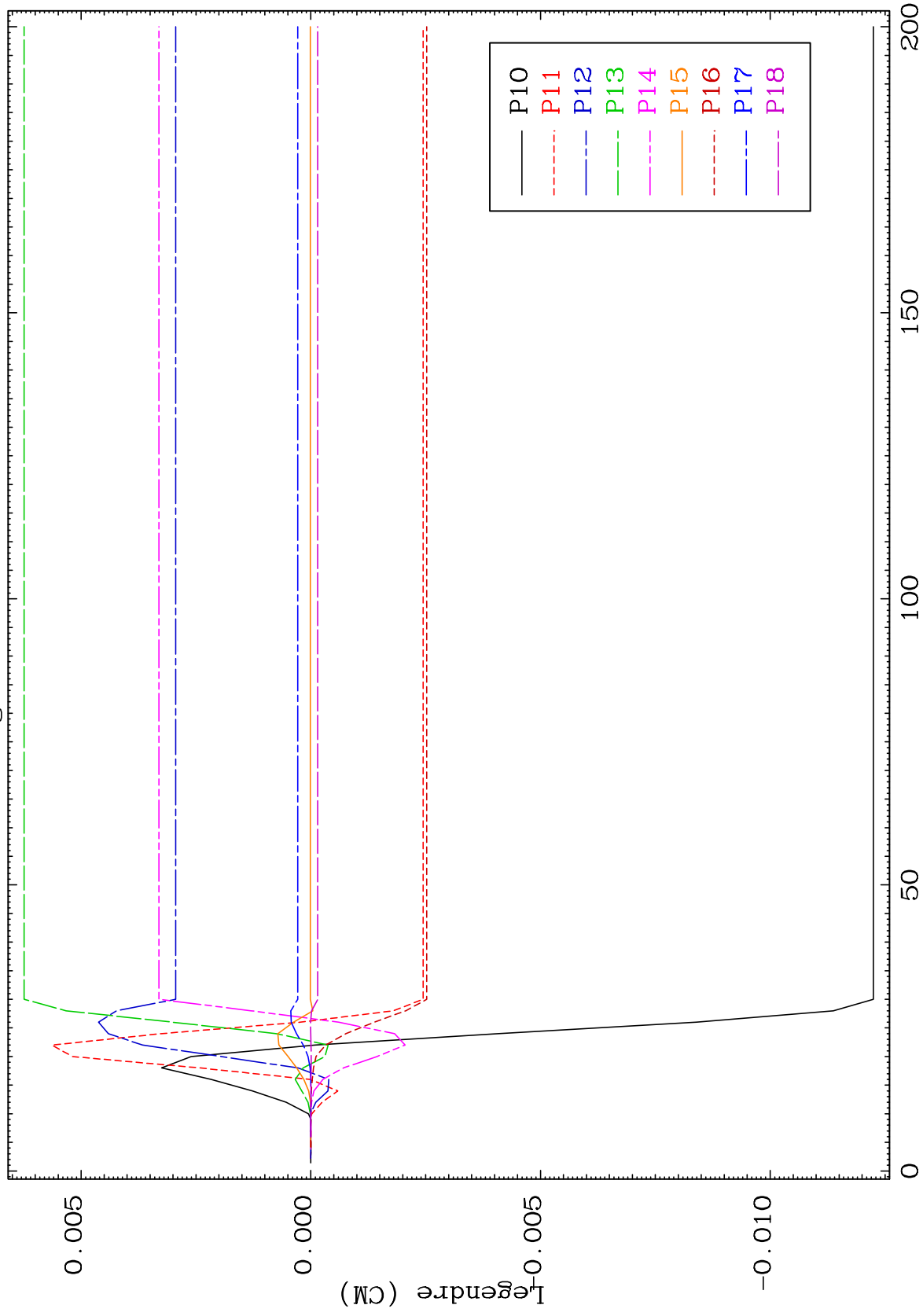
Incident Energy (MeV)

87

MAT 7089

644.7 keV (n,n') Level
Legendre Coefficients

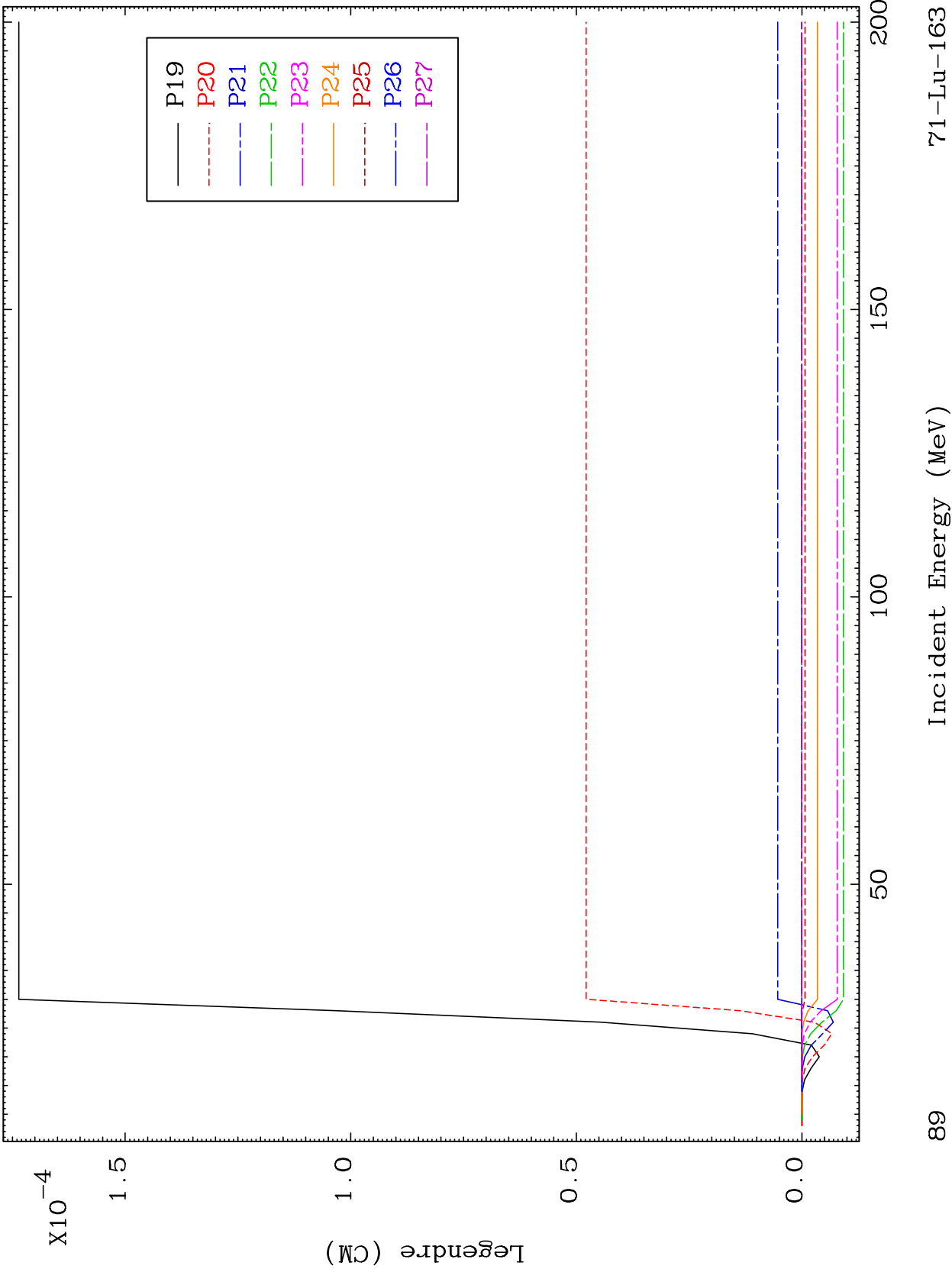
71-Lu-163



88

Incident Energy (MeV)

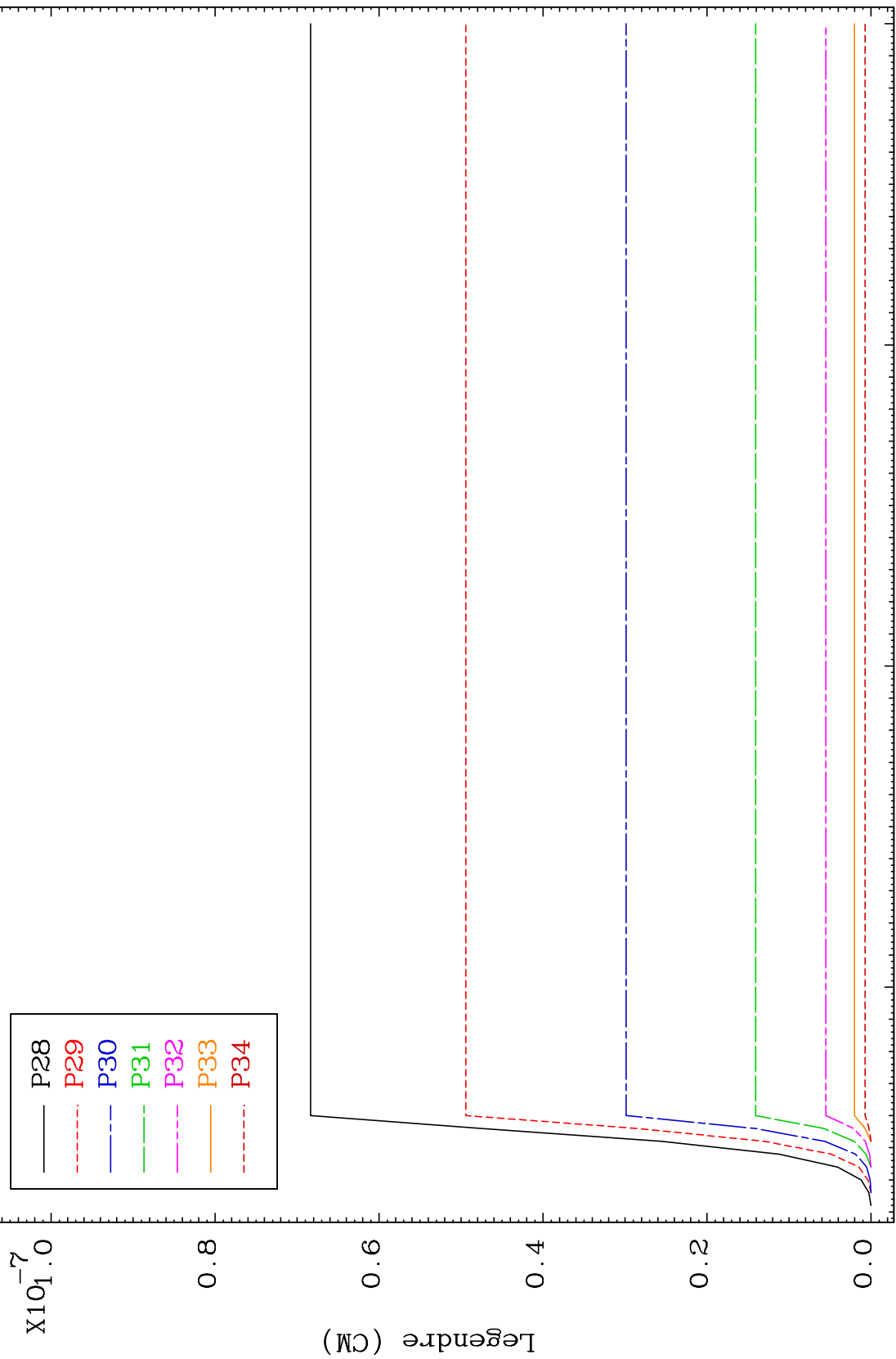
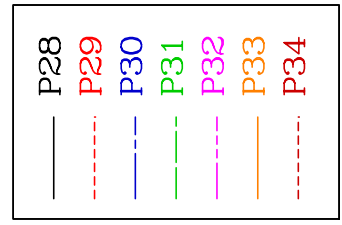
71-Lu-163



MAT 7089

644.7 keV (n,n') Level
Legendre Coefficients

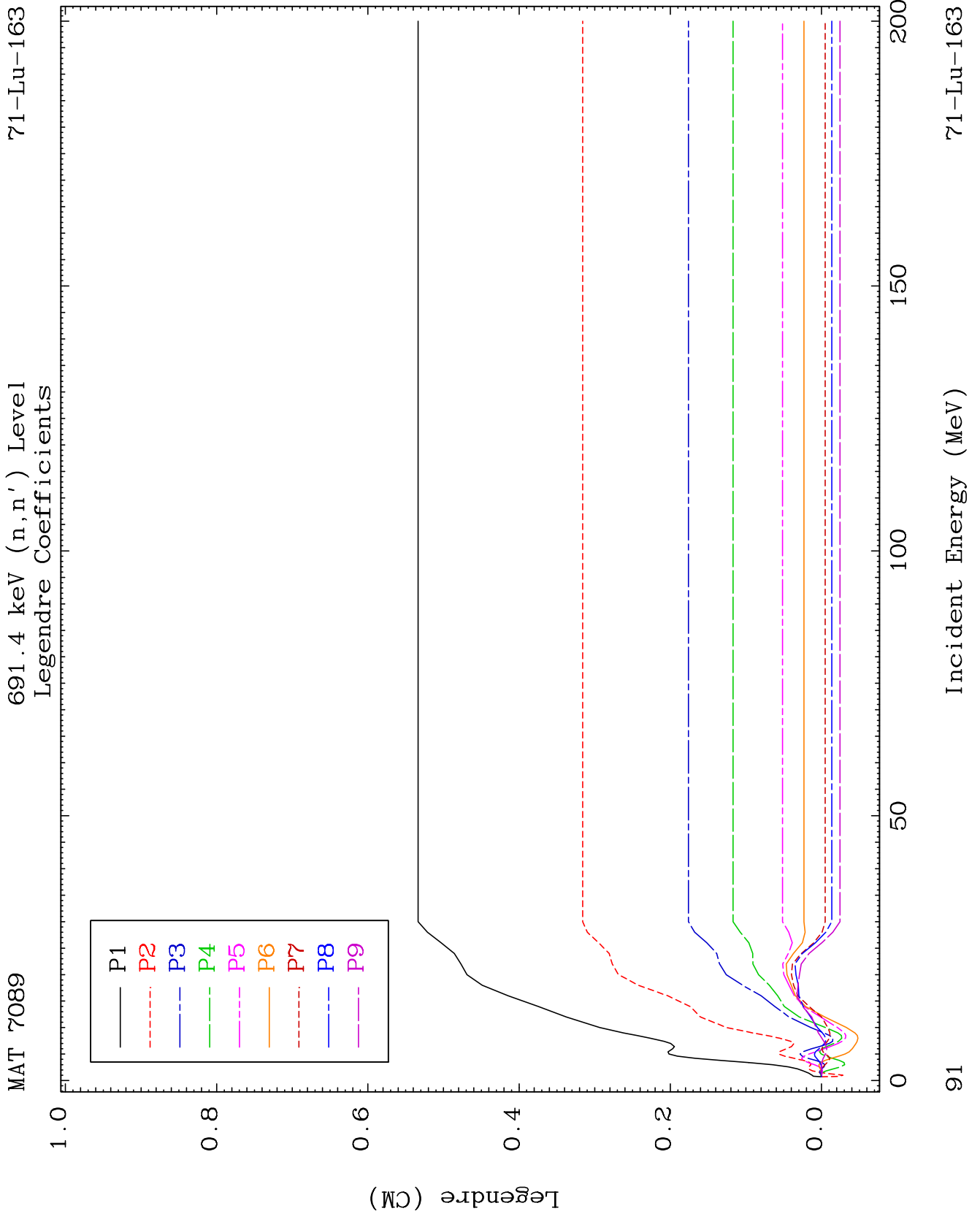
71-Lu-163



90

Incident Energy (MeV)

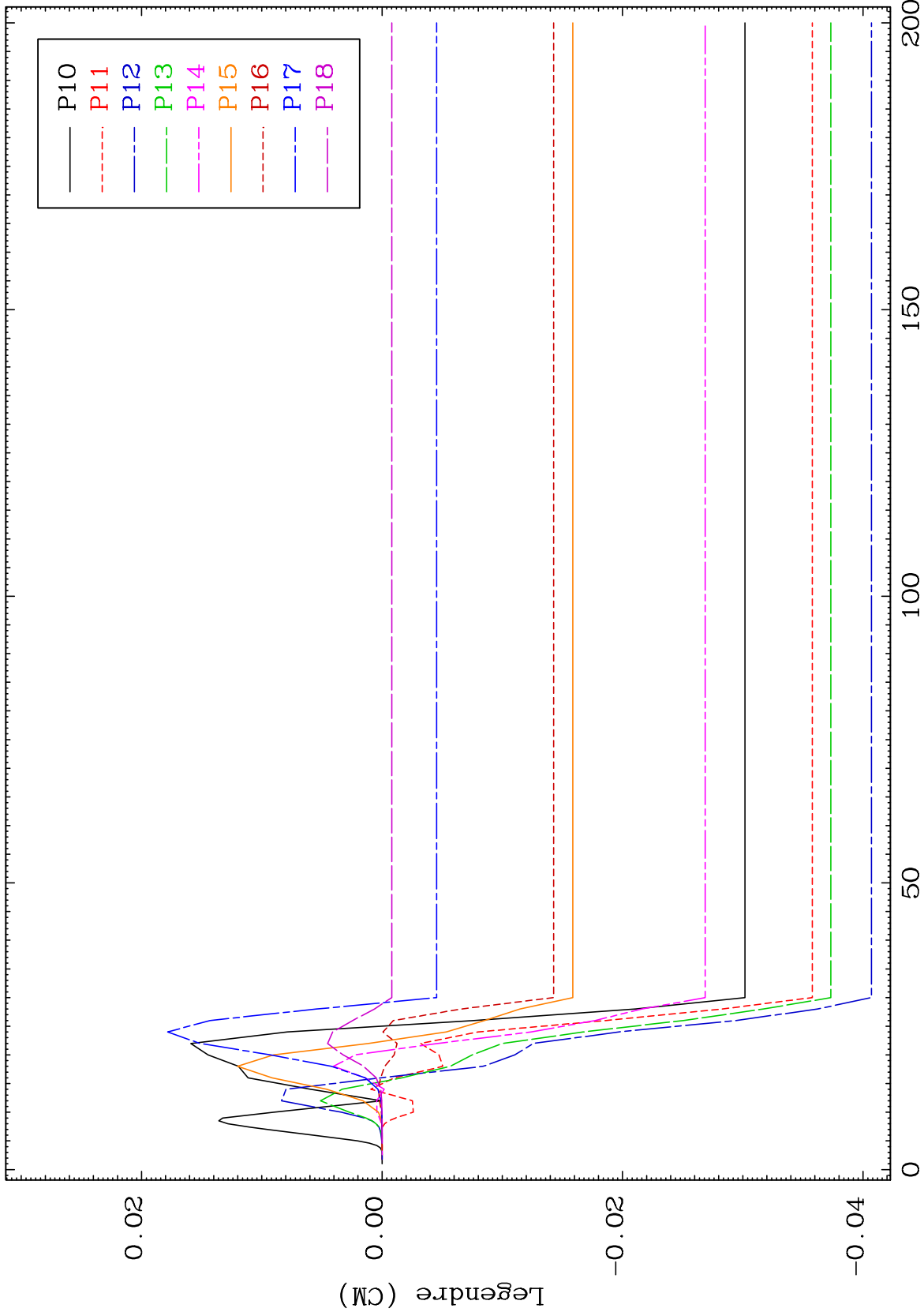
71-Lu-163



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691.4 keV (n,n') Level
Legendre Coefficients

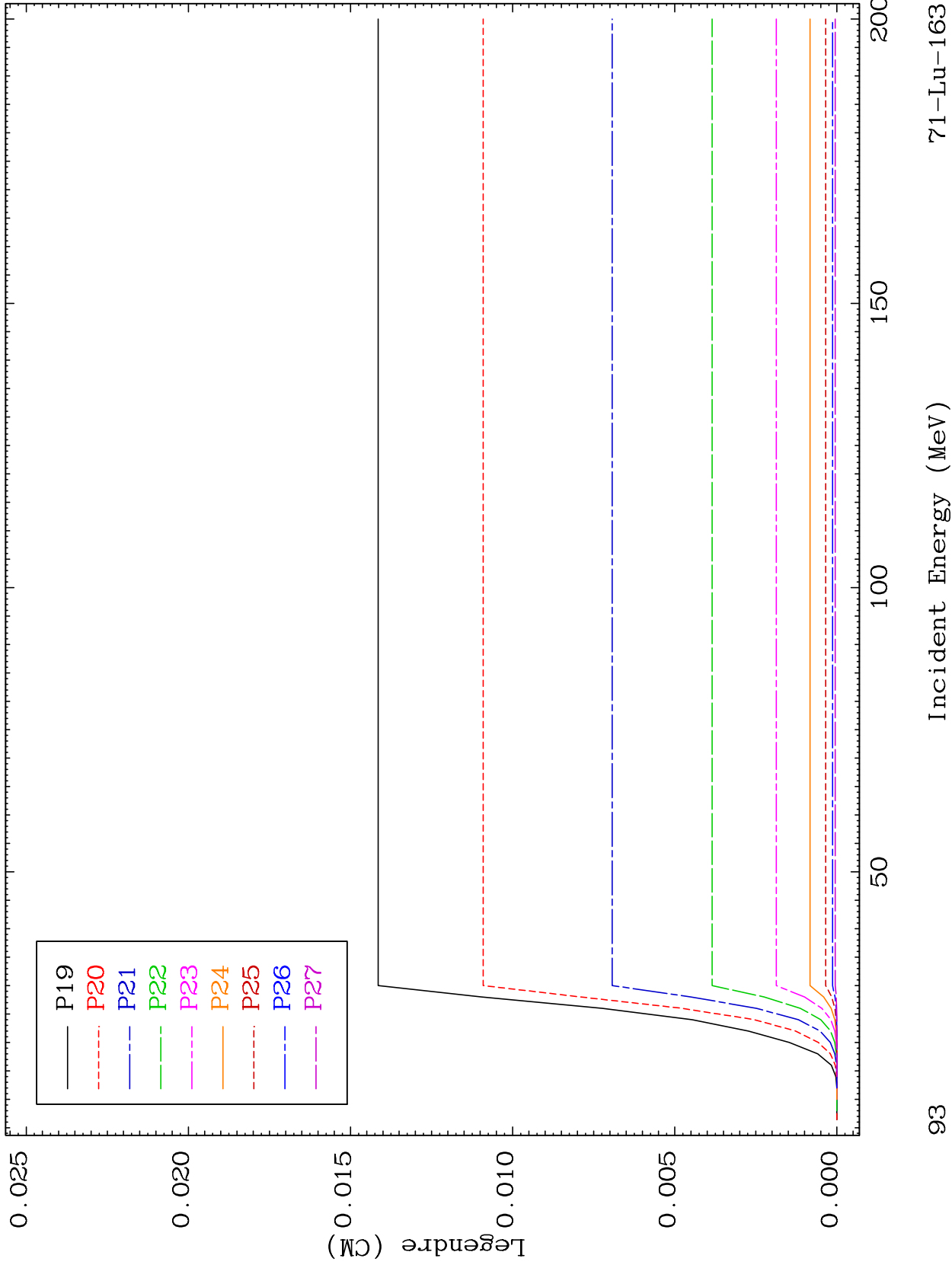
71-Lu-163



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Incident Energy (MeV)

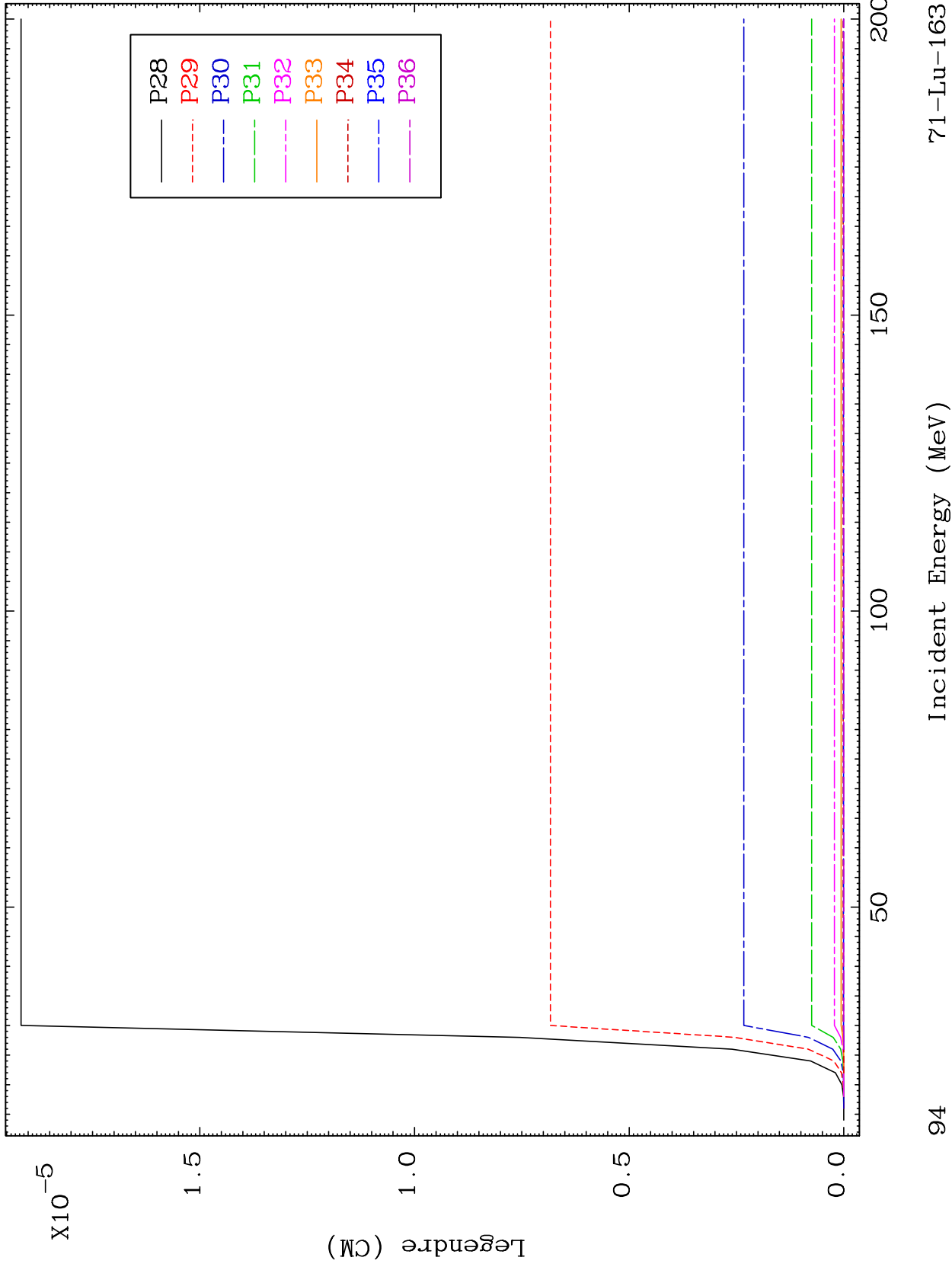
71-Lu-163

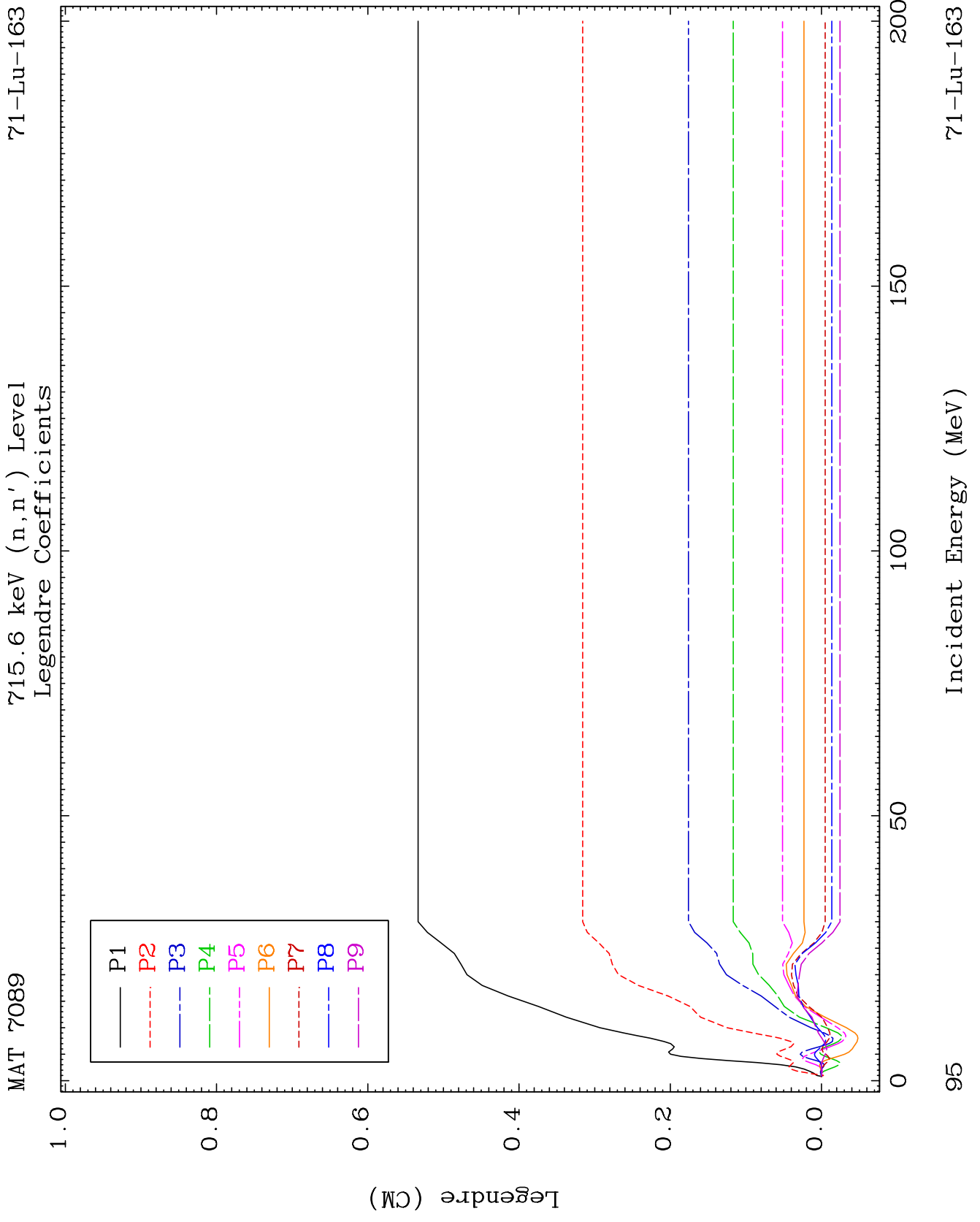


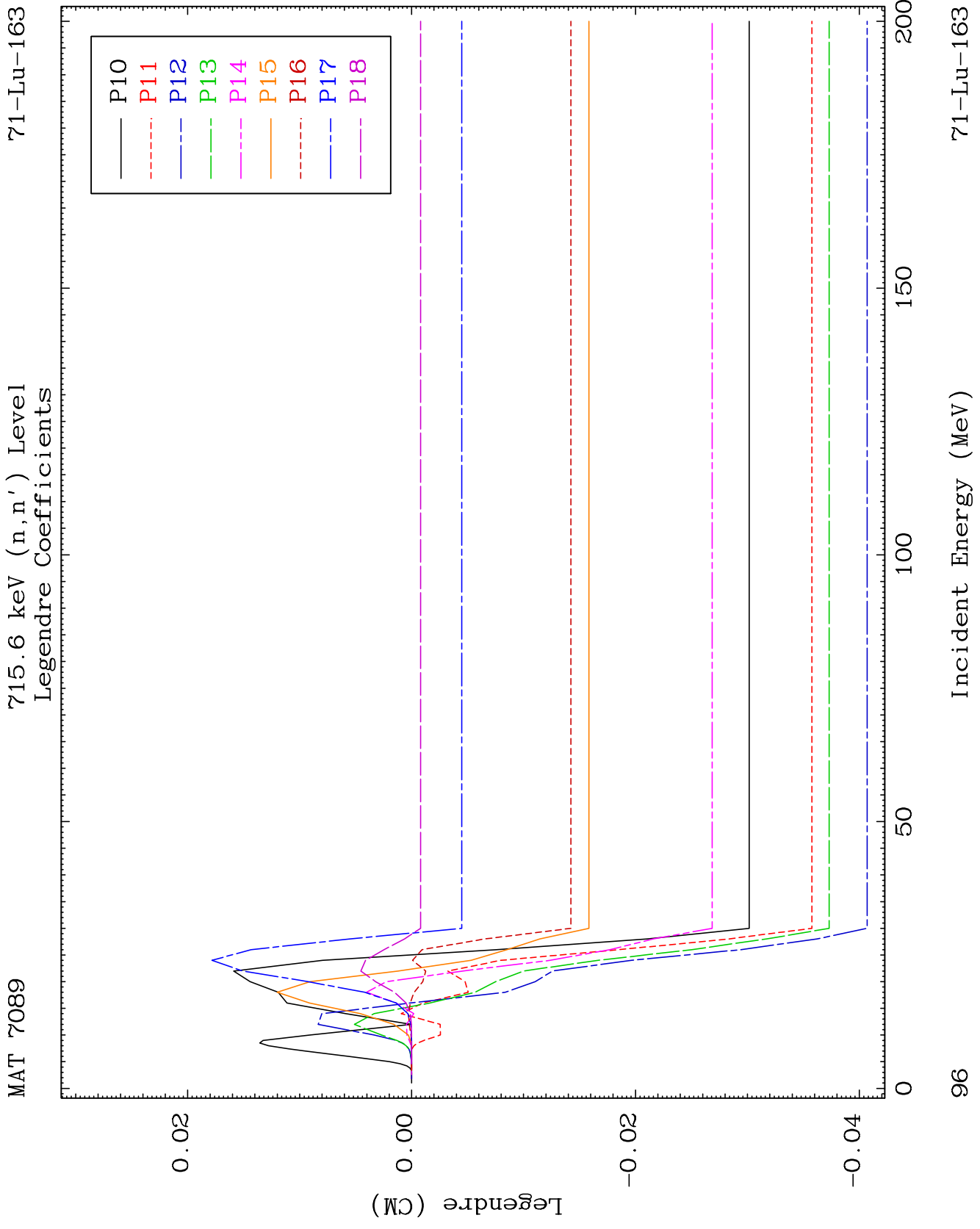
MAT 7089

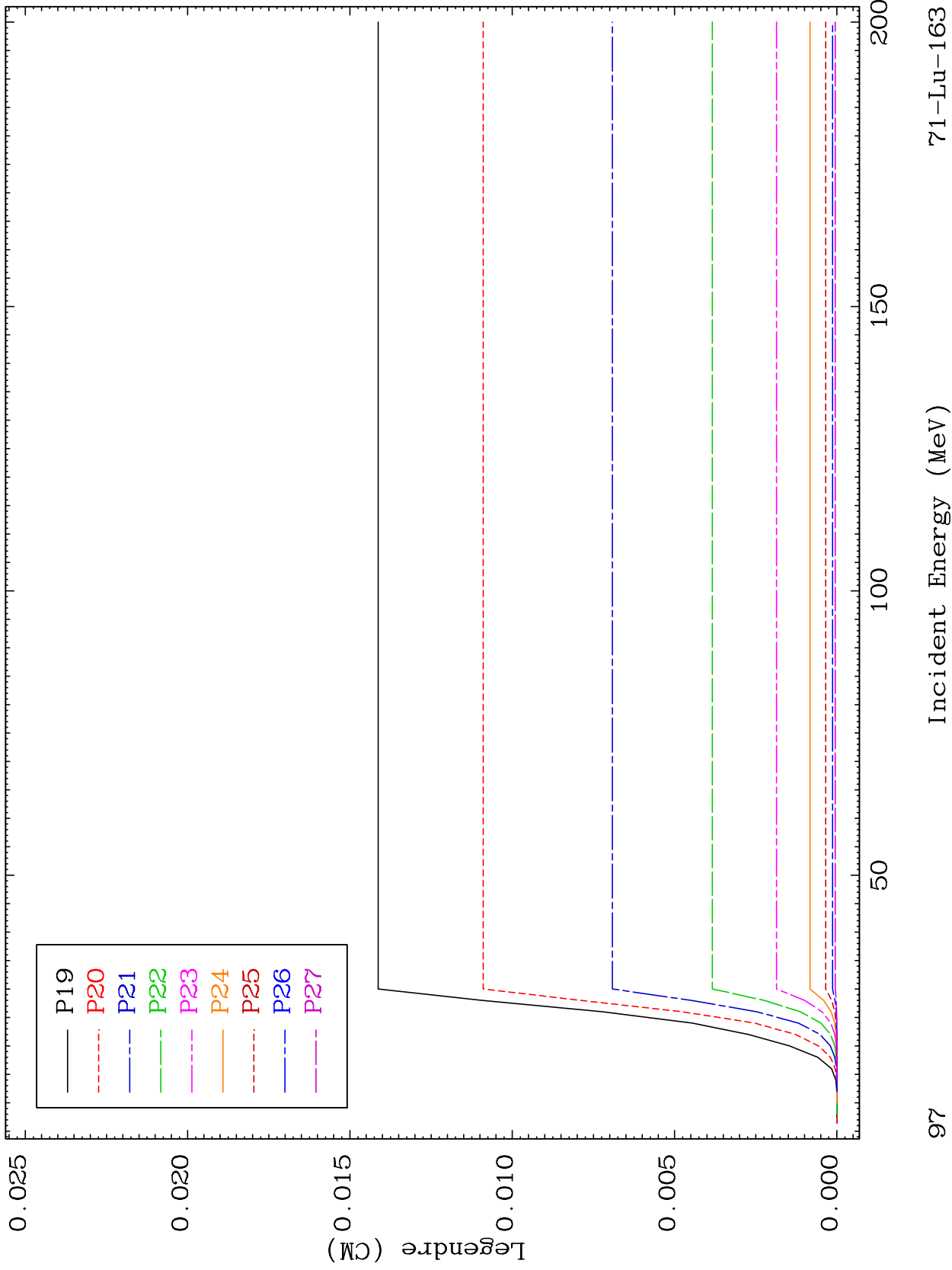
691.4 keV (n,n') Level
Legendre Coefficients

71-Lu-163





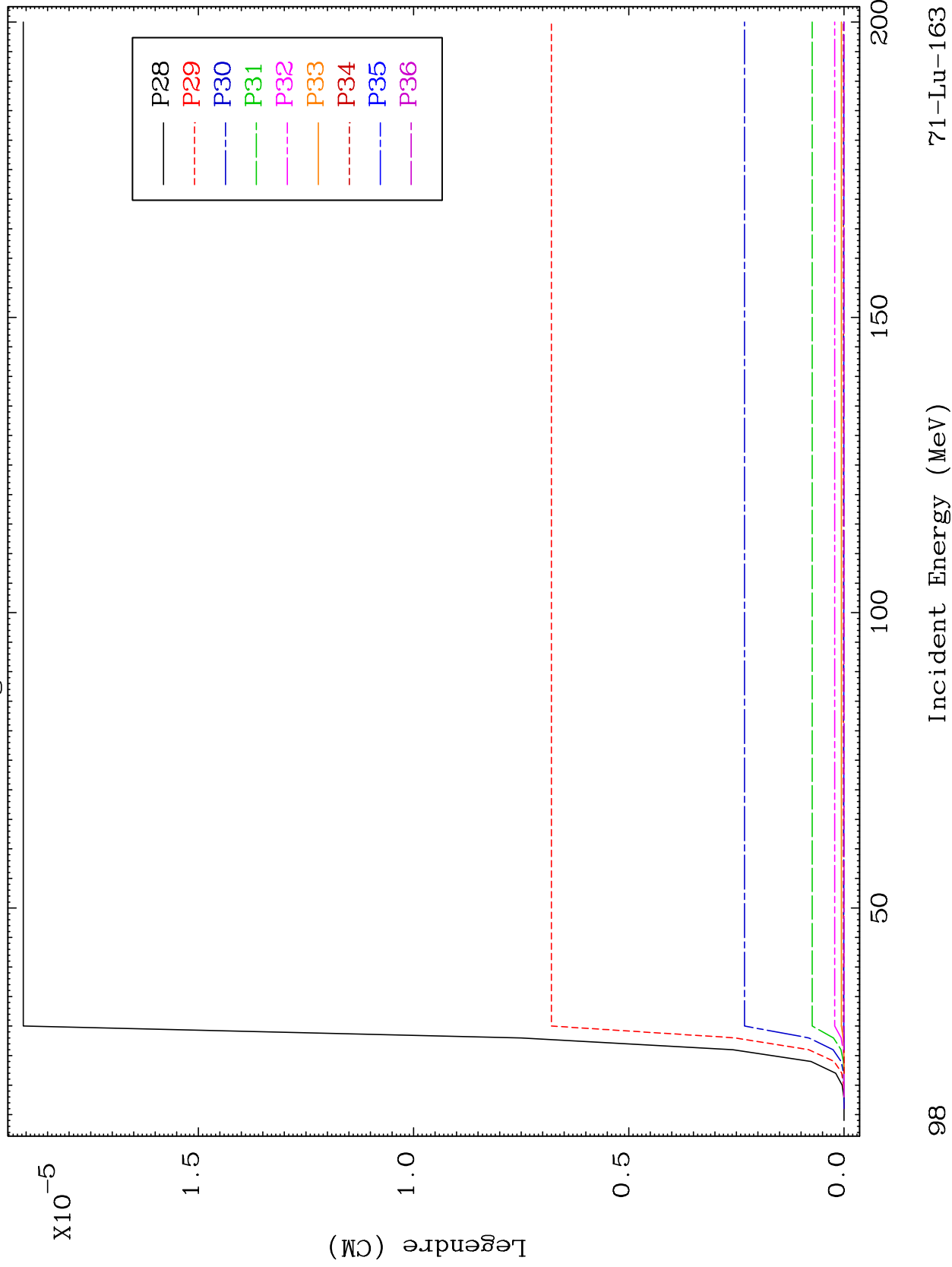


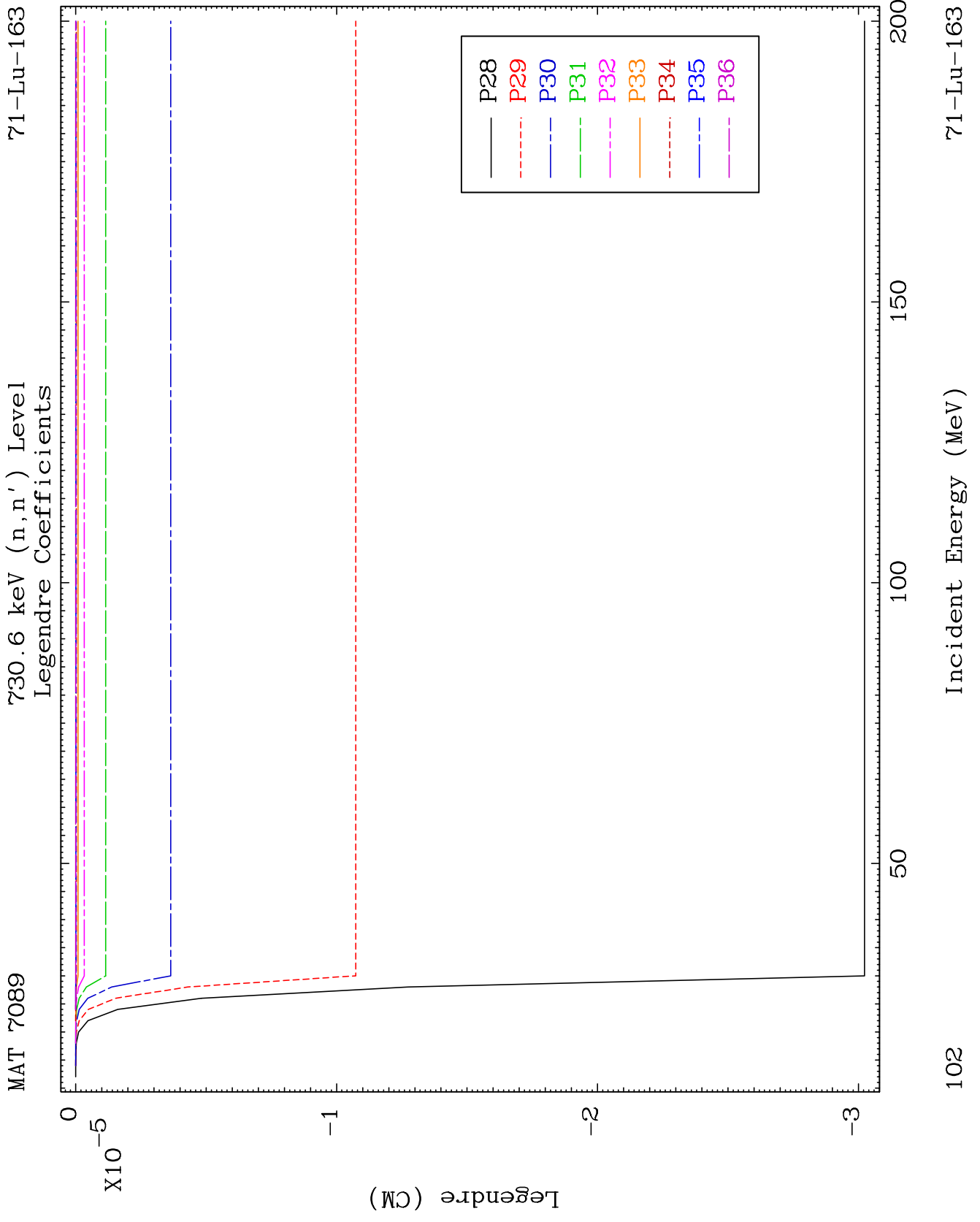


MAT 7089

715.6 keV (n,n') Level
Legendre Coefficients

71-Lu-163

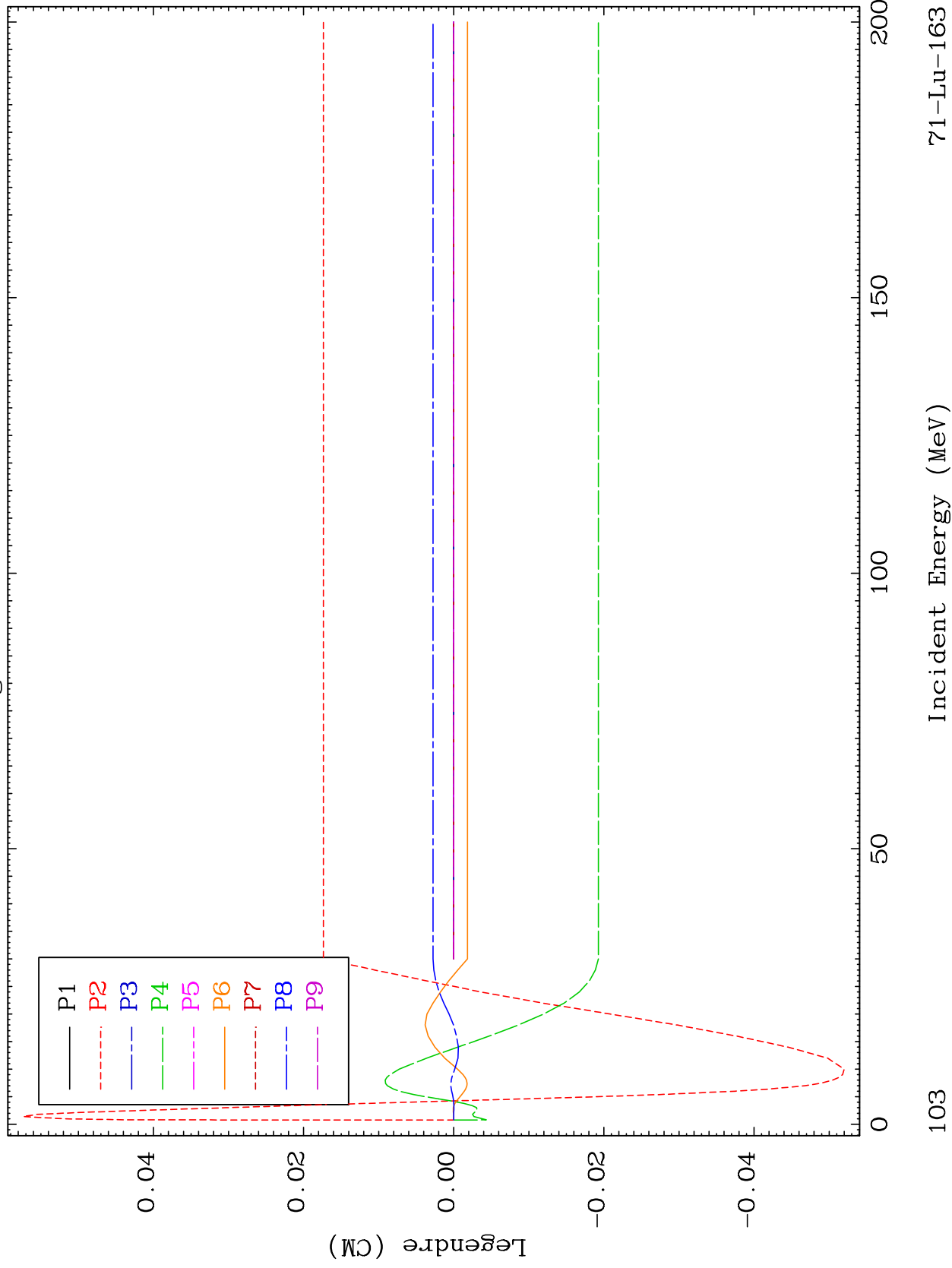




MAT 7089

754.8 keV (n, n') Level
Legendre Coefficients

71-Lu-163



71-Lu-163

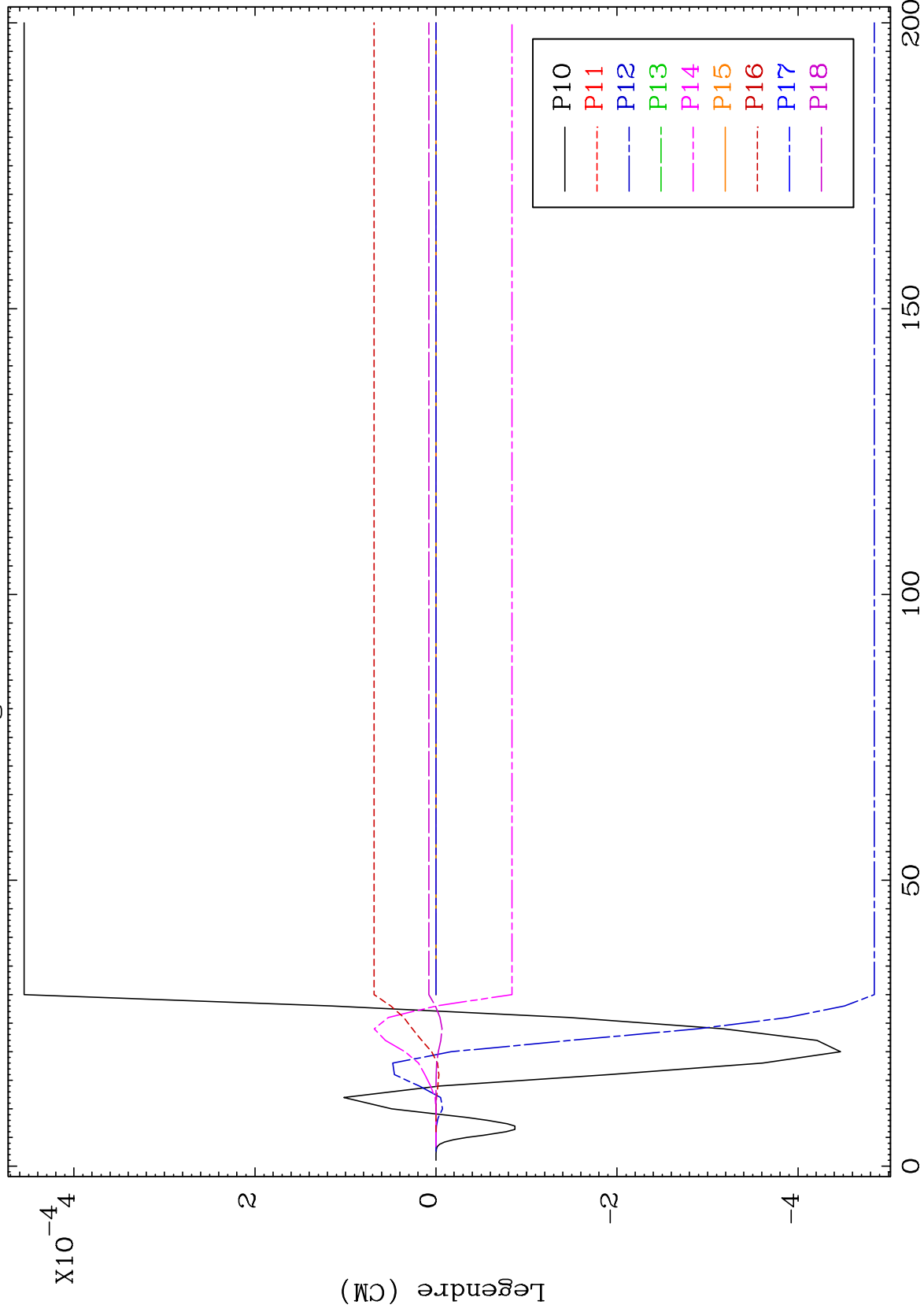
Incident Energy (MeV)

103

MAT 7089

754.8 keV (n, n') Level
Legendre Coefficients

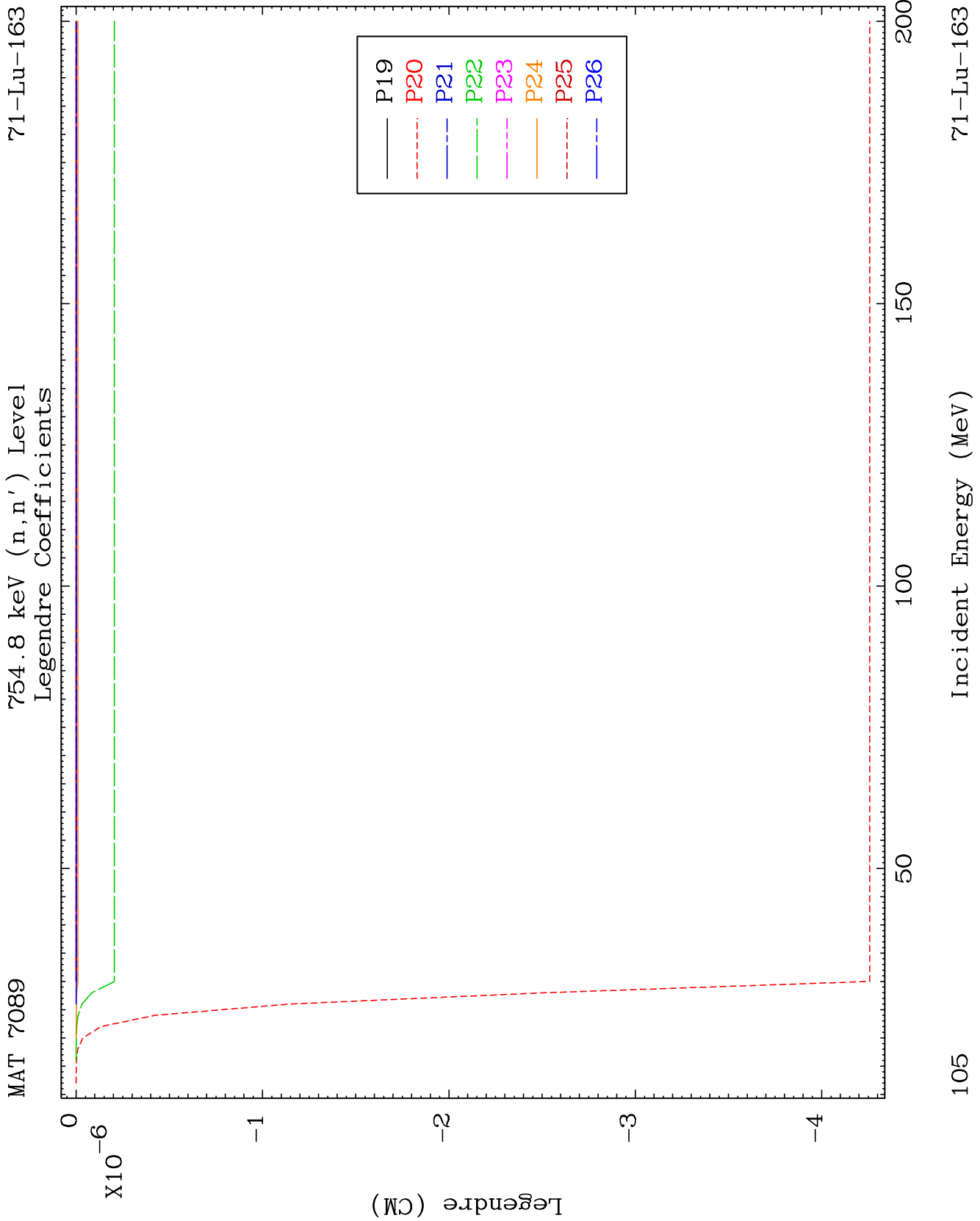
71-Lu-163

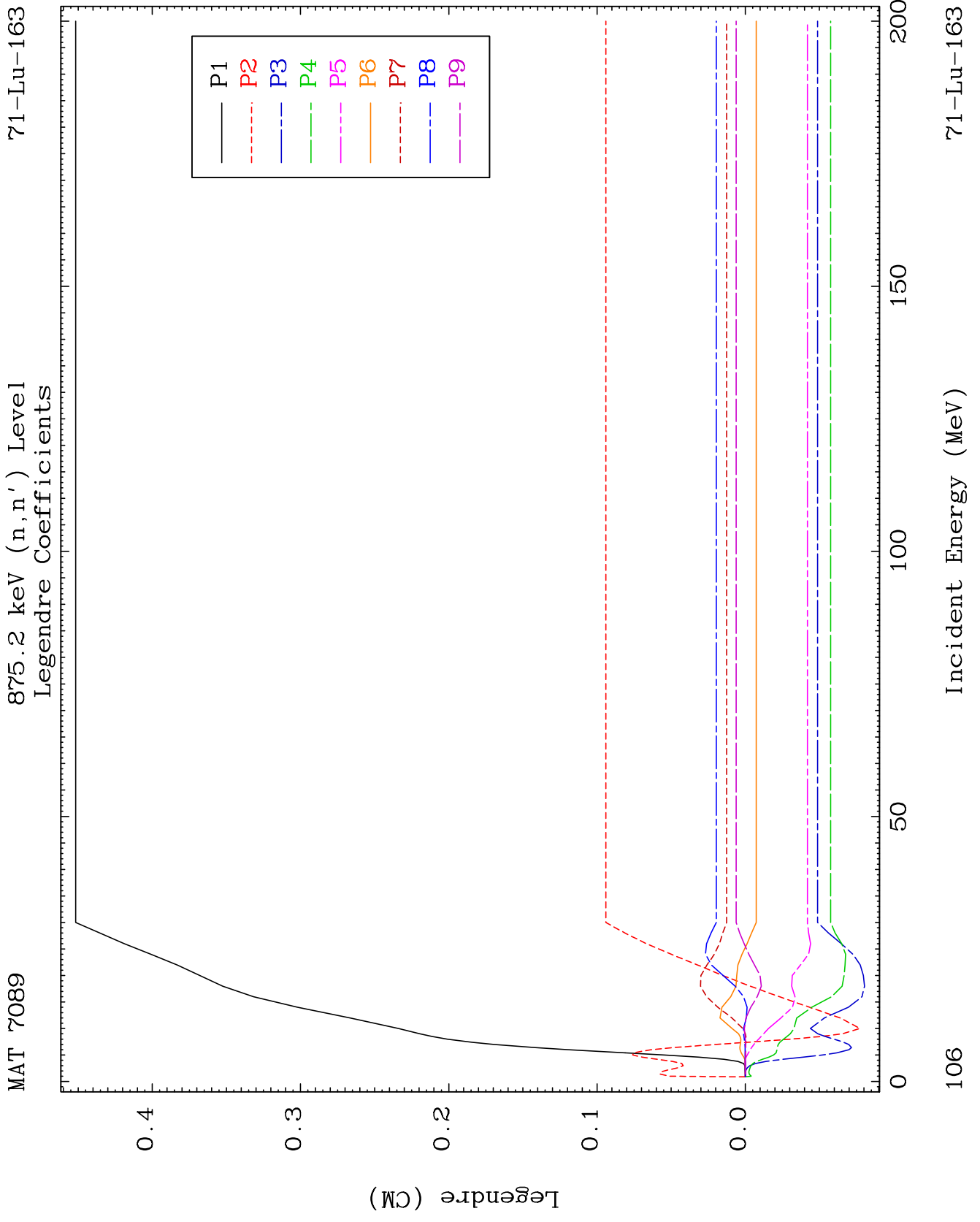


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Incident Energy (MeV)

71-Lu-163

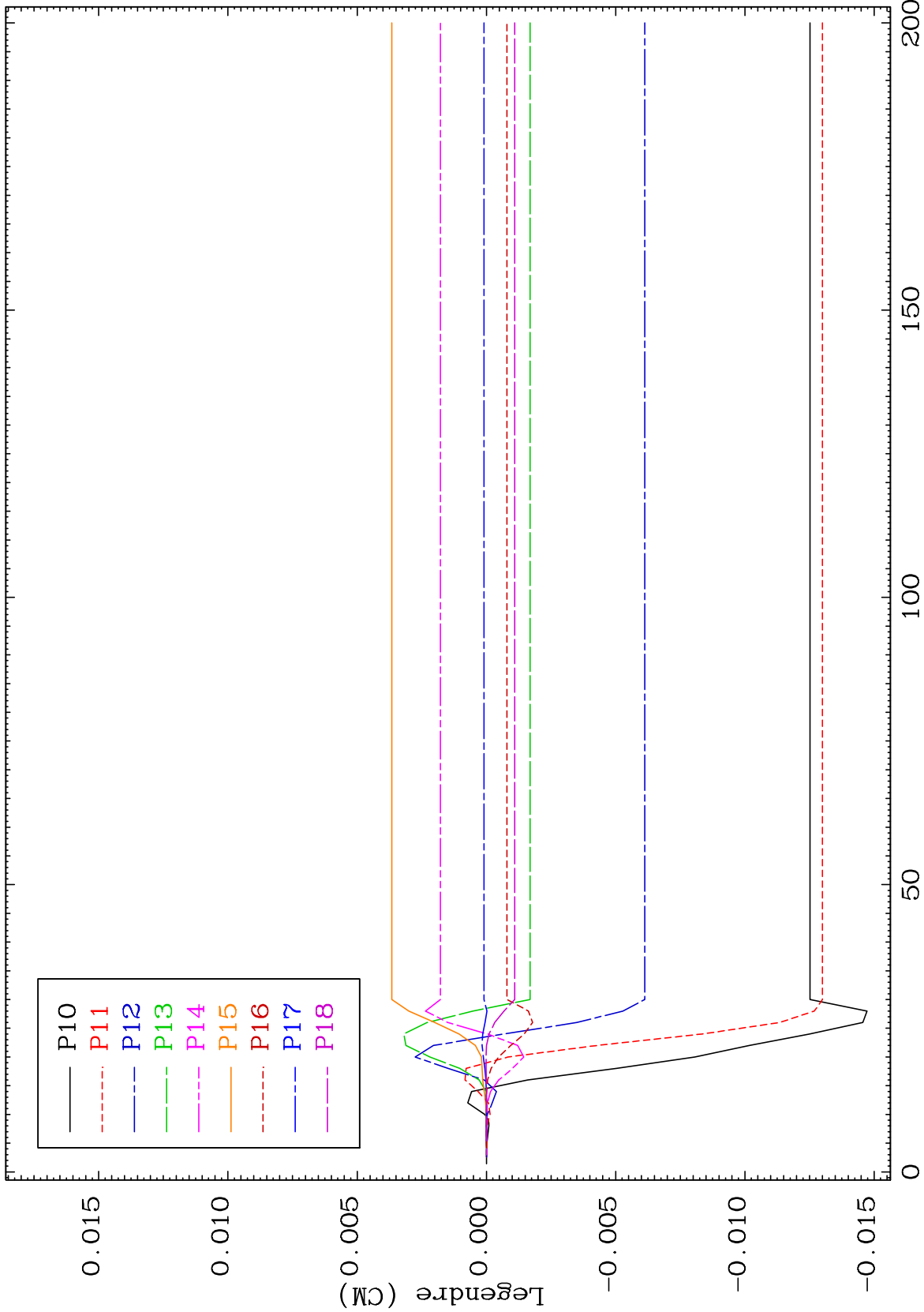




MAT 7089

875.2 keV (n, n') Level
Legendre Coefficients

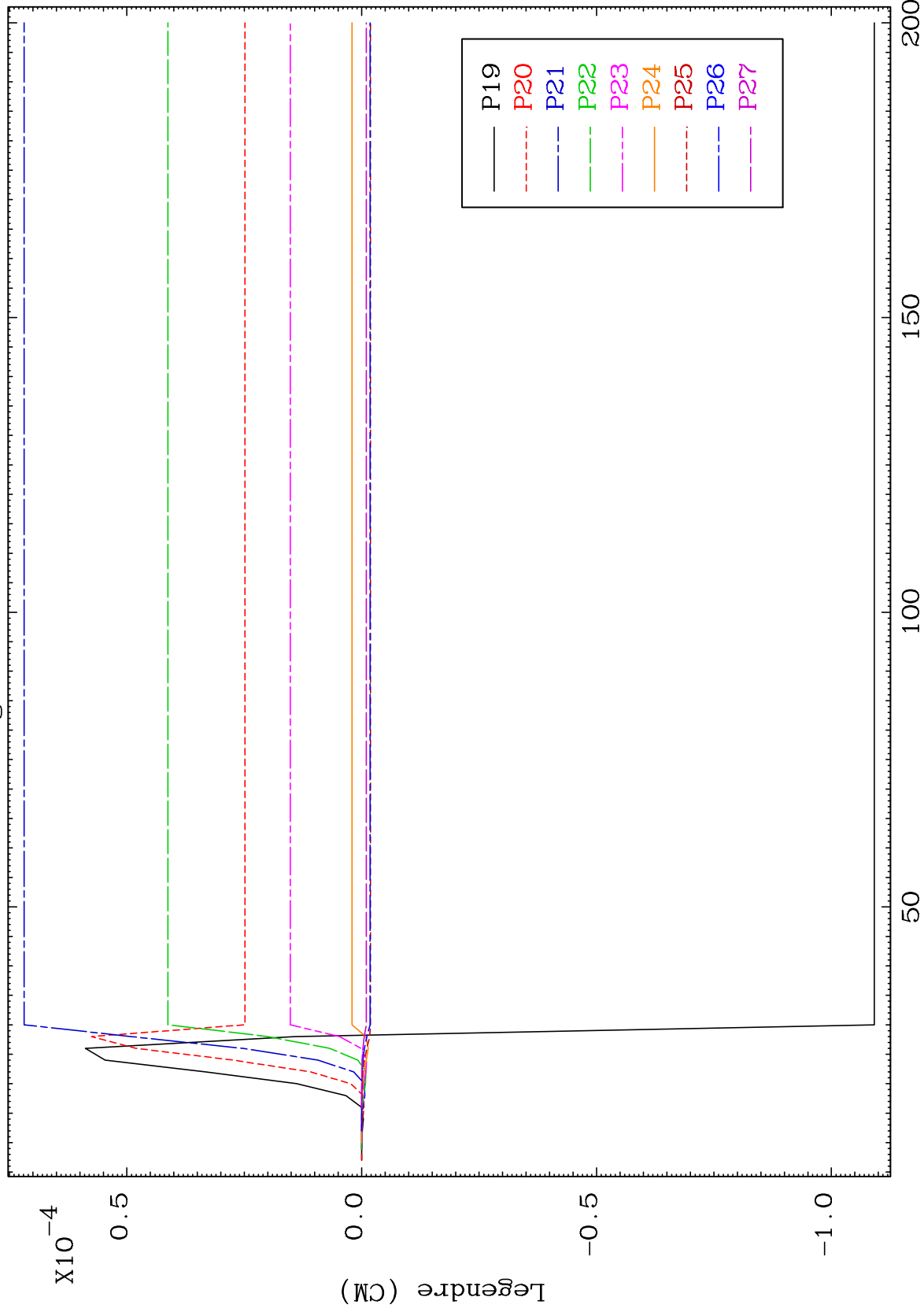
71-Lu-163

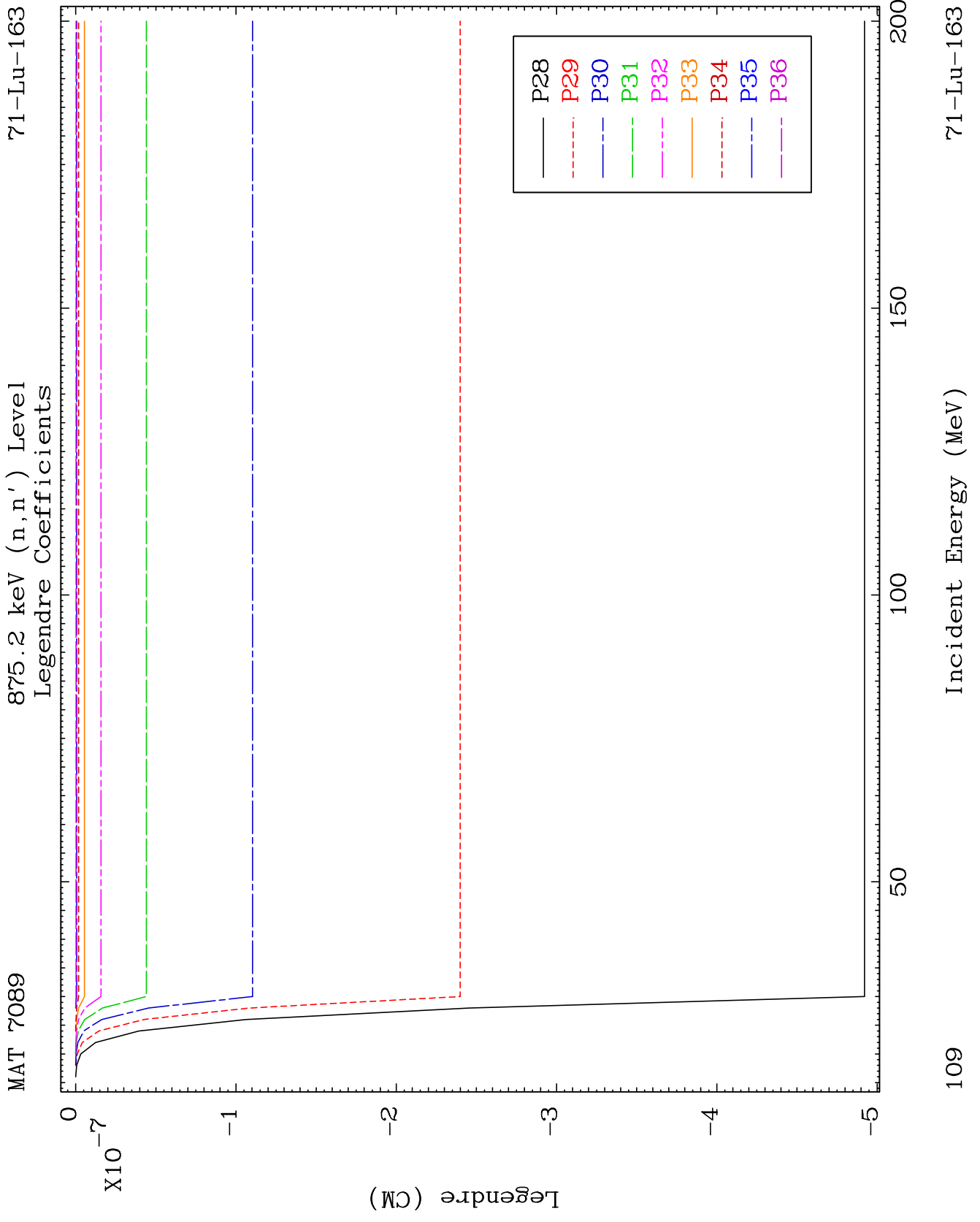


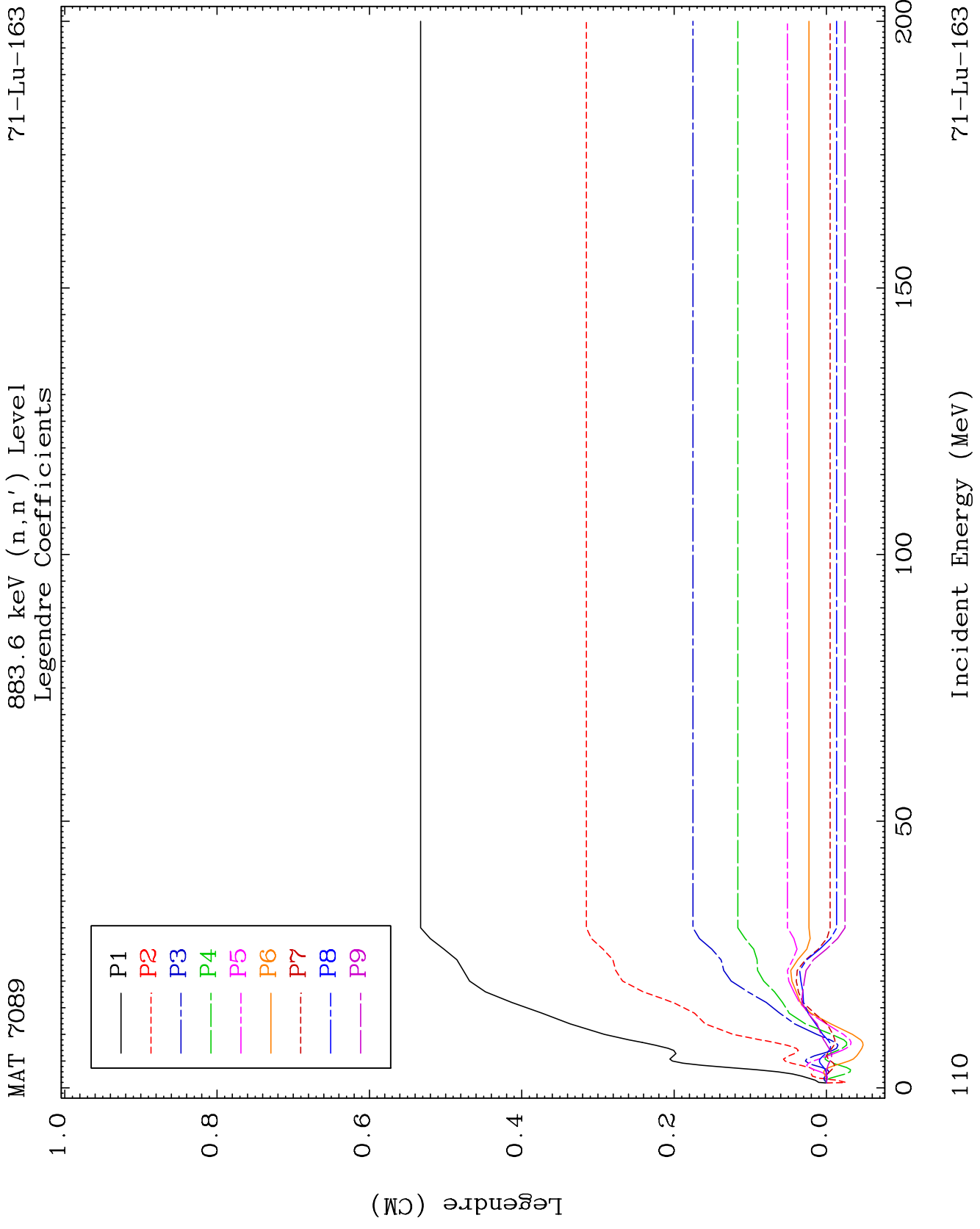
107

Incident Energy (MeV)

71-Lu-163



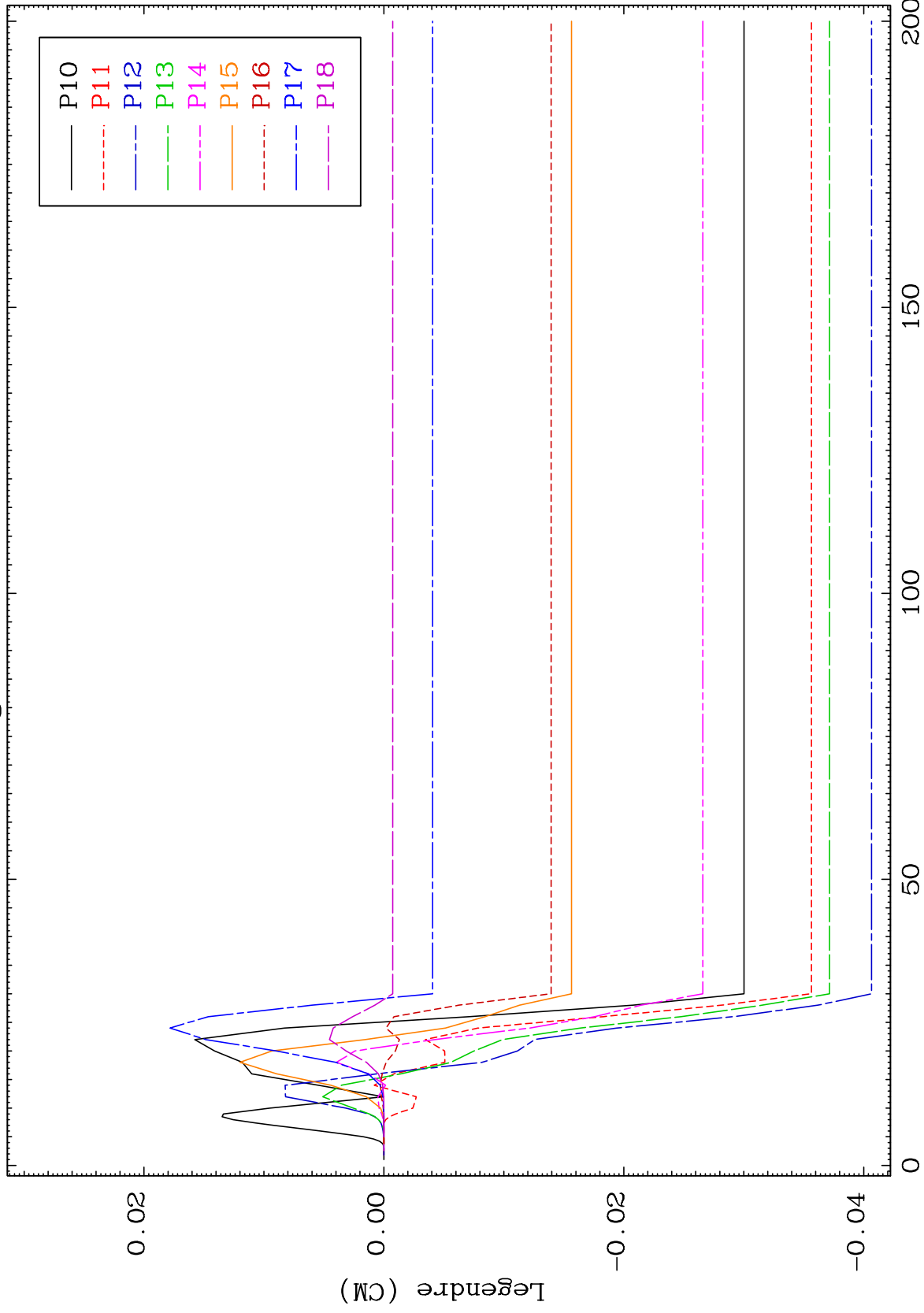




MAT 7089

883.6 keV (n,n') Level
Legendre Coefficients

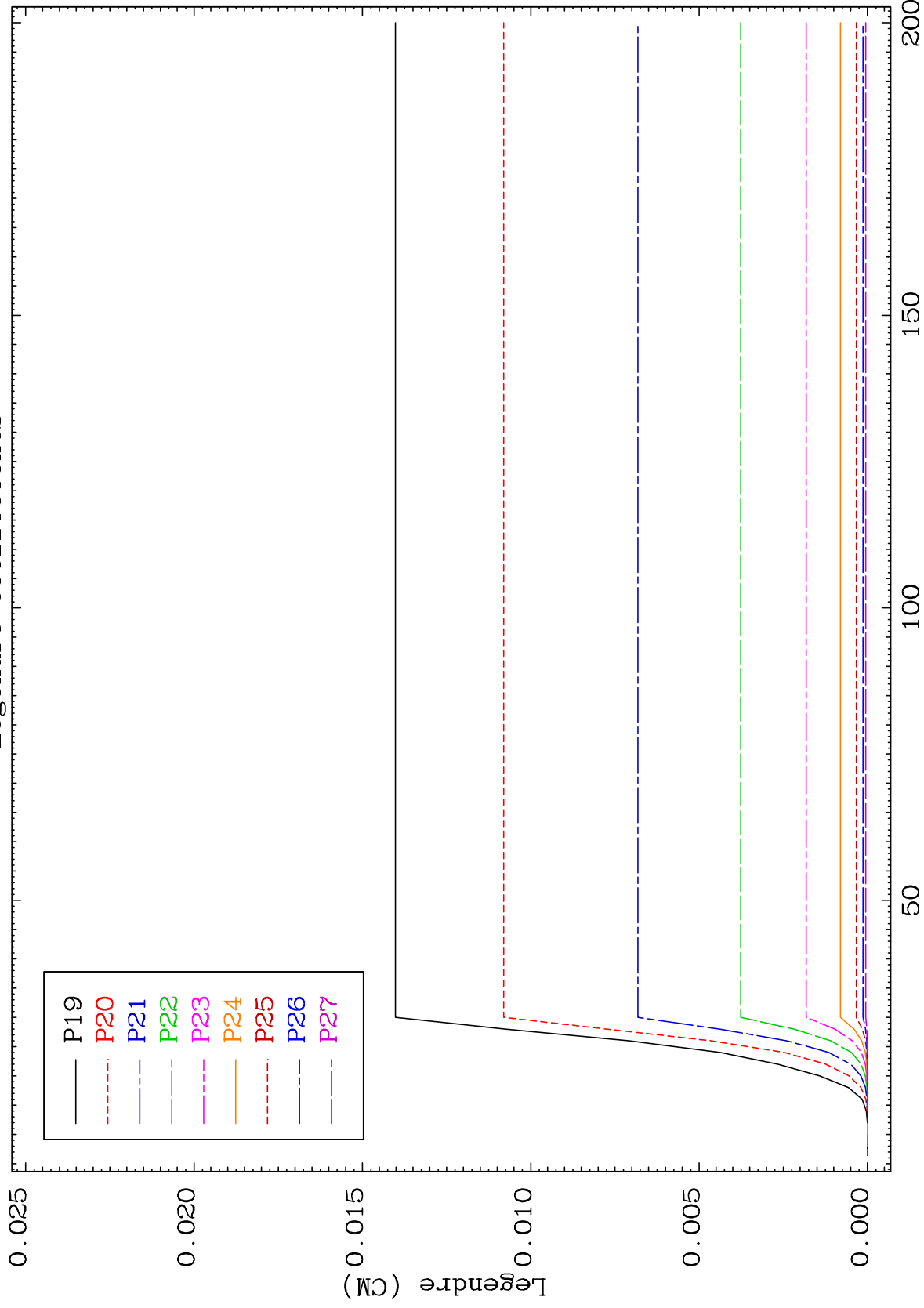
71-Lu-163



111

Incident Energy (MeV)

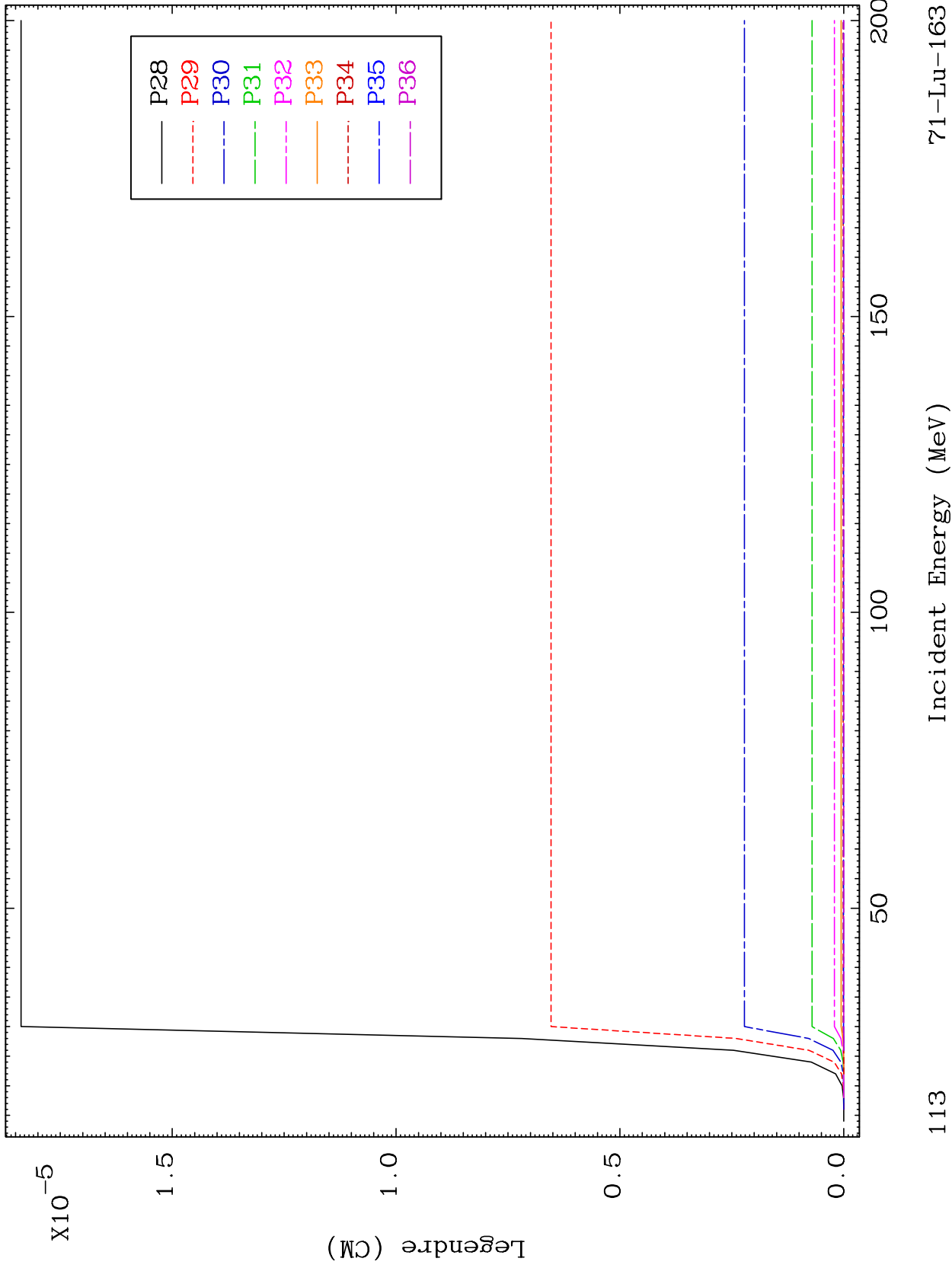
71-Lu-163



MAT 7089

883.6 keV (n,n') Level
Legendre Coefficients

71-Lu-163



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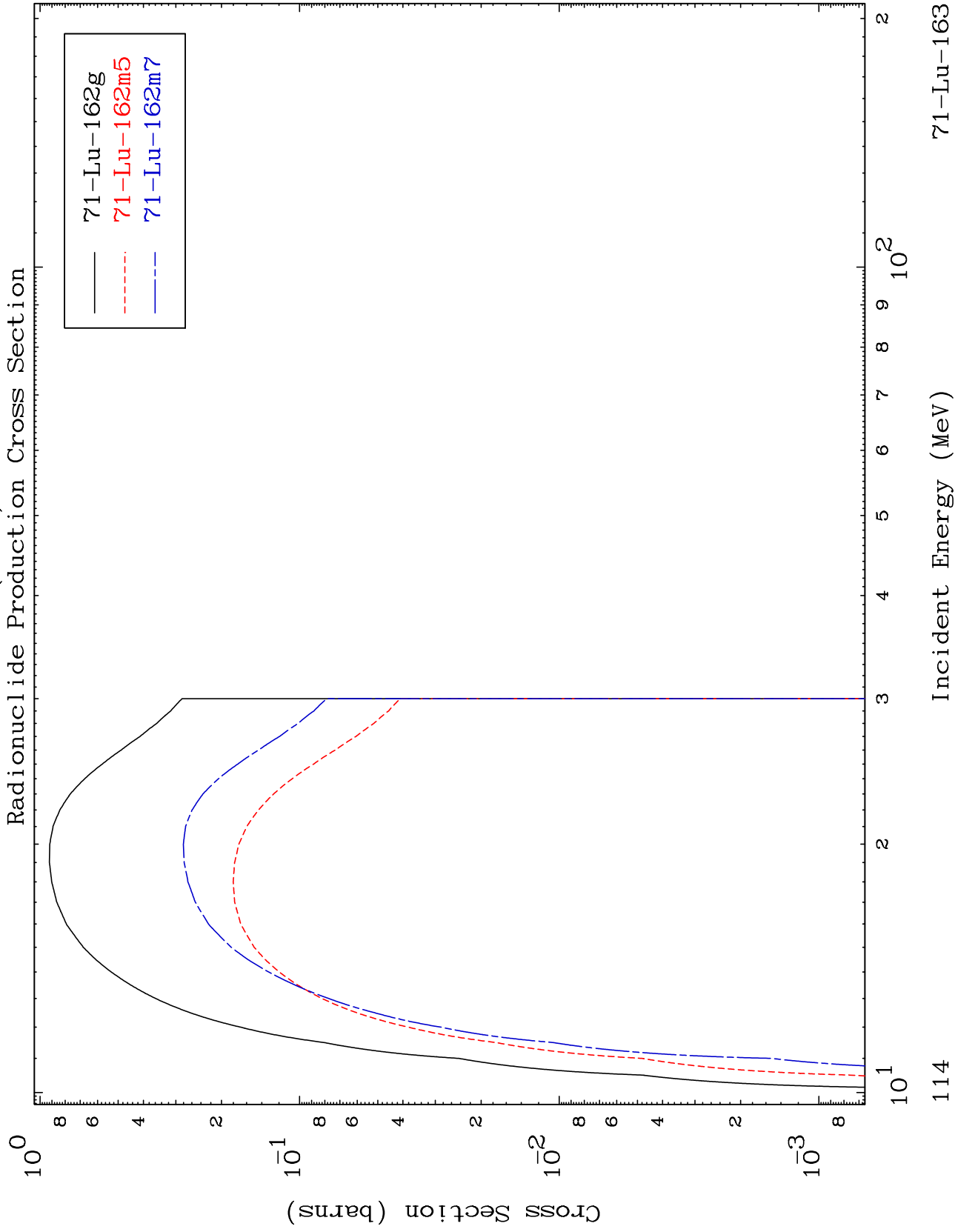
Incident Energy (MeV)

71-Lu-163

MAT 7089

(n,2n)

71-Lu-163



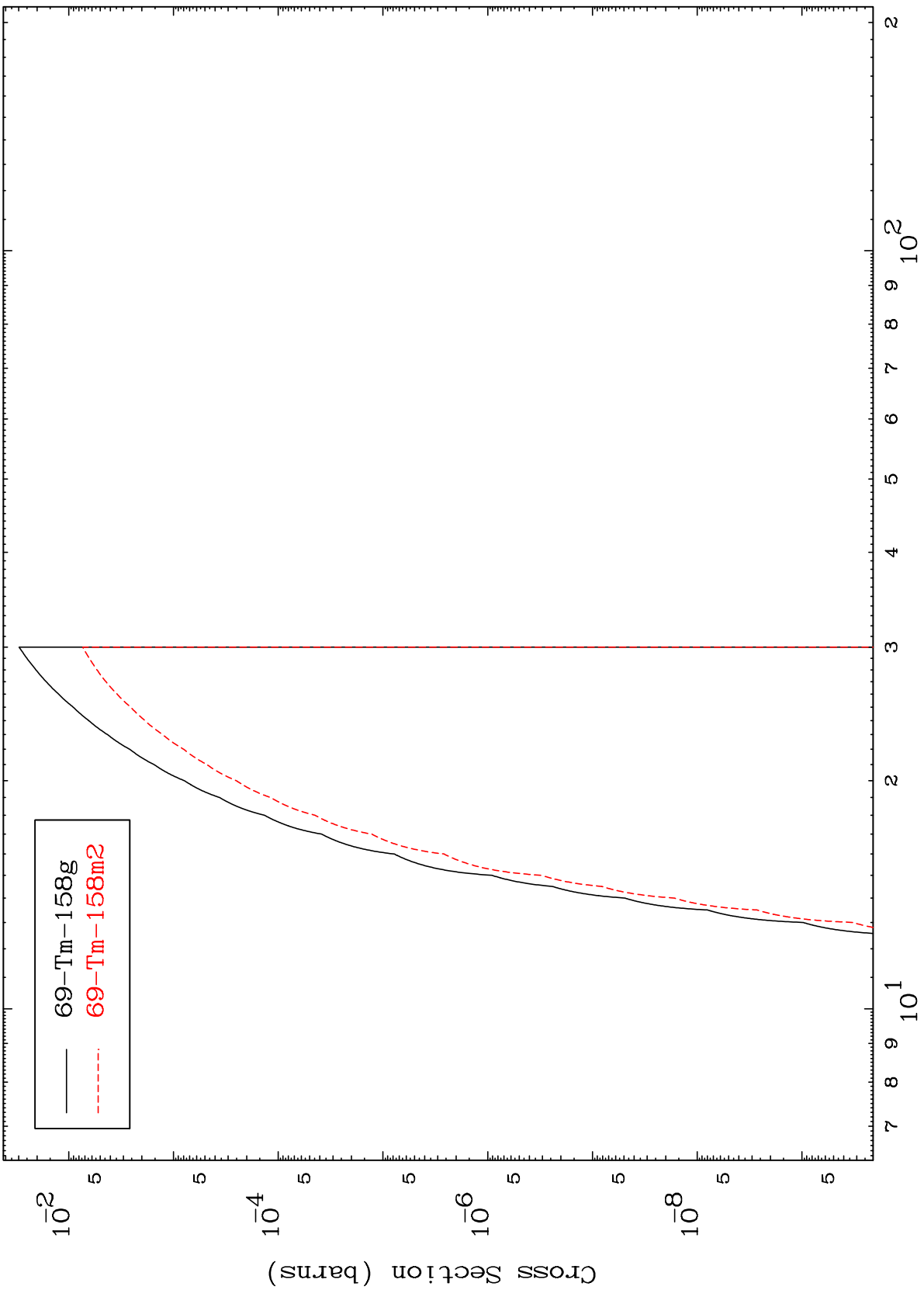
114

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(n,2n) α

71-Lu-163

Radionuclide Production Cross Section



115

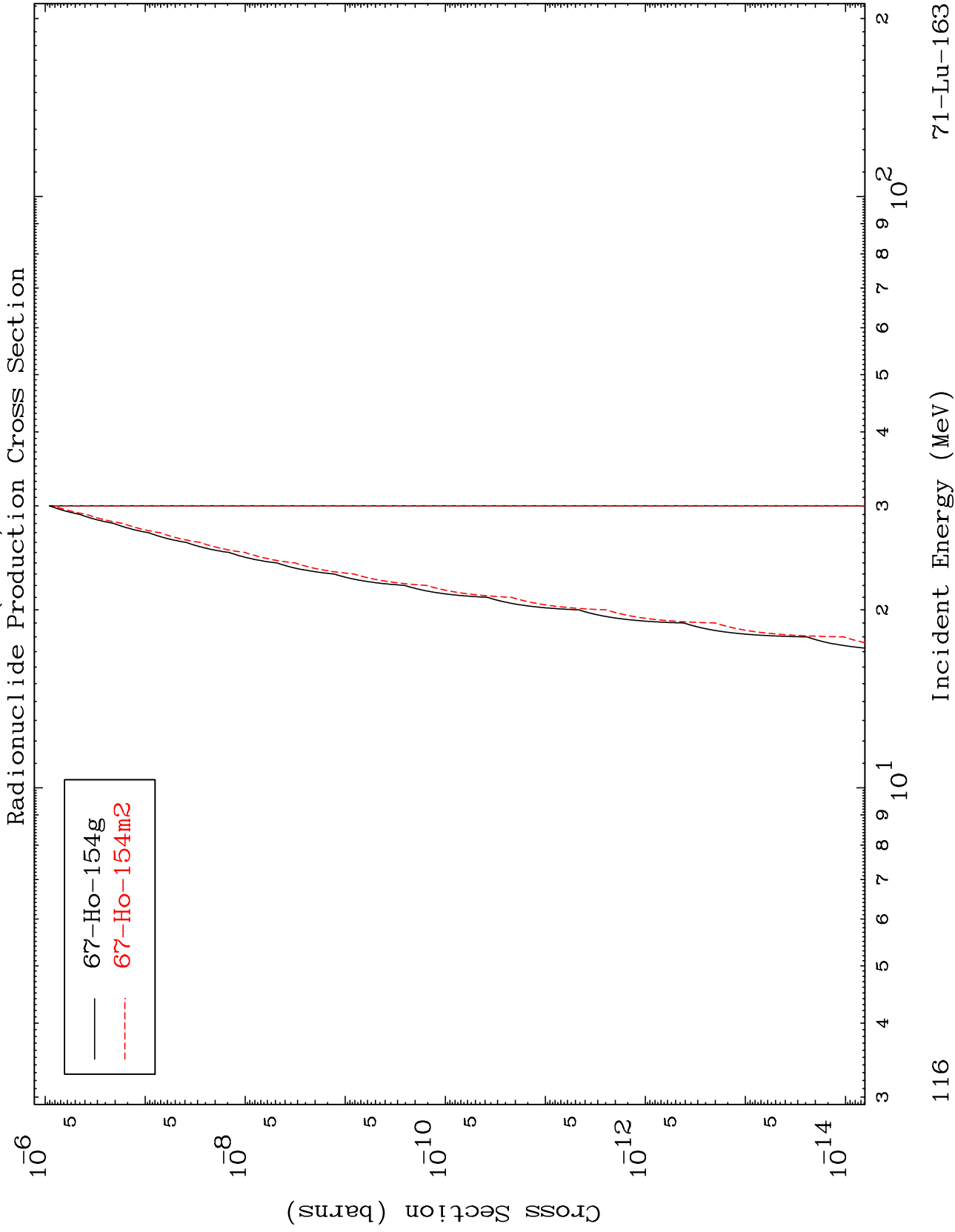
Incident Energy (MeV)

71-Lu-163

MAT 7089

$(n,2n) 2\alpha$

$^{71}\text{Lu-163}$



116

Incident Energy (MeV)

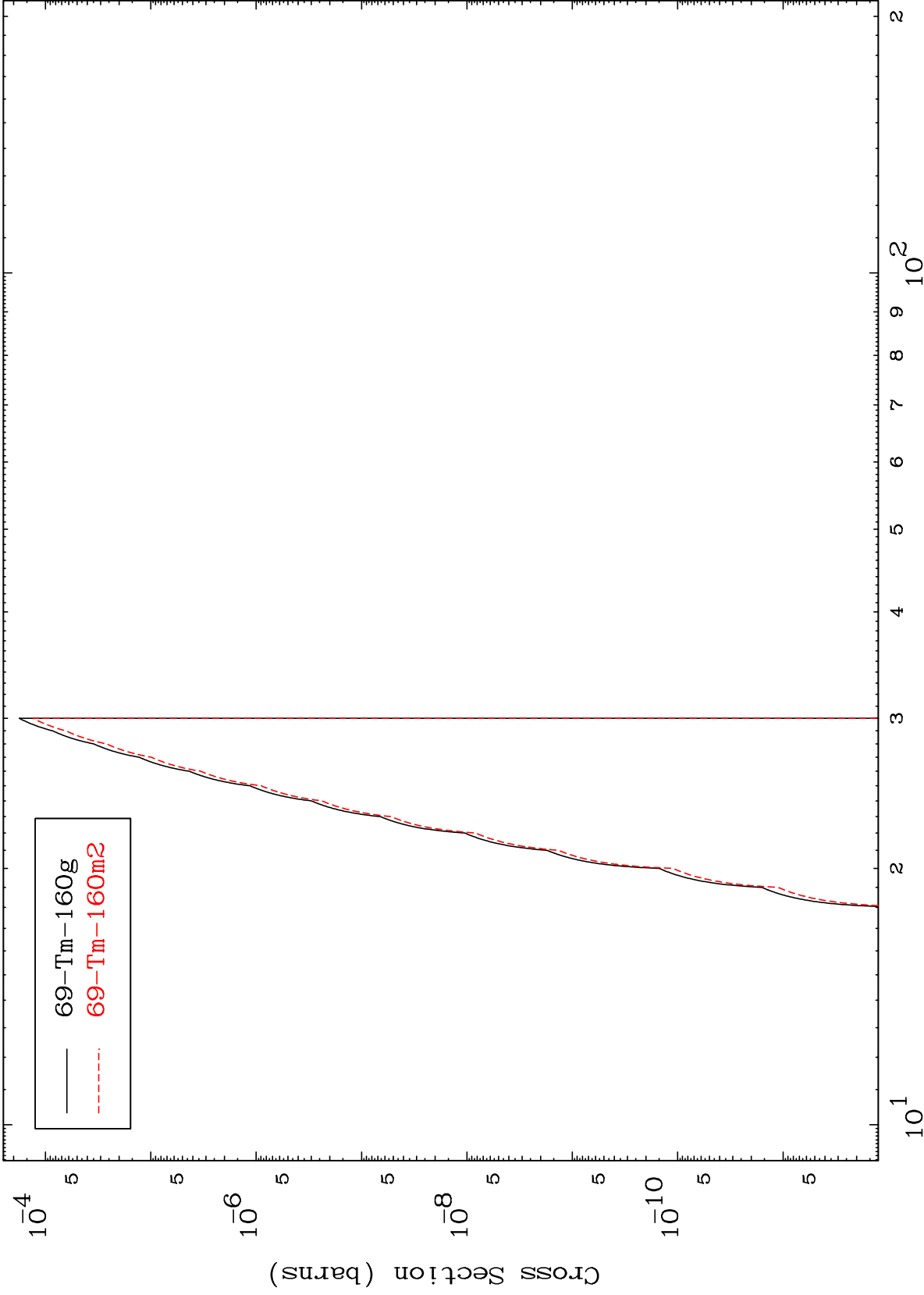
$^{71}\text{Lu-163}$

MAT 7089

(n,n') He-3

71-Lu-163

Radionuclide Production Cross Section



69-Tm-160g
69-Tm-160m2

117

Incident Energy (MeV)

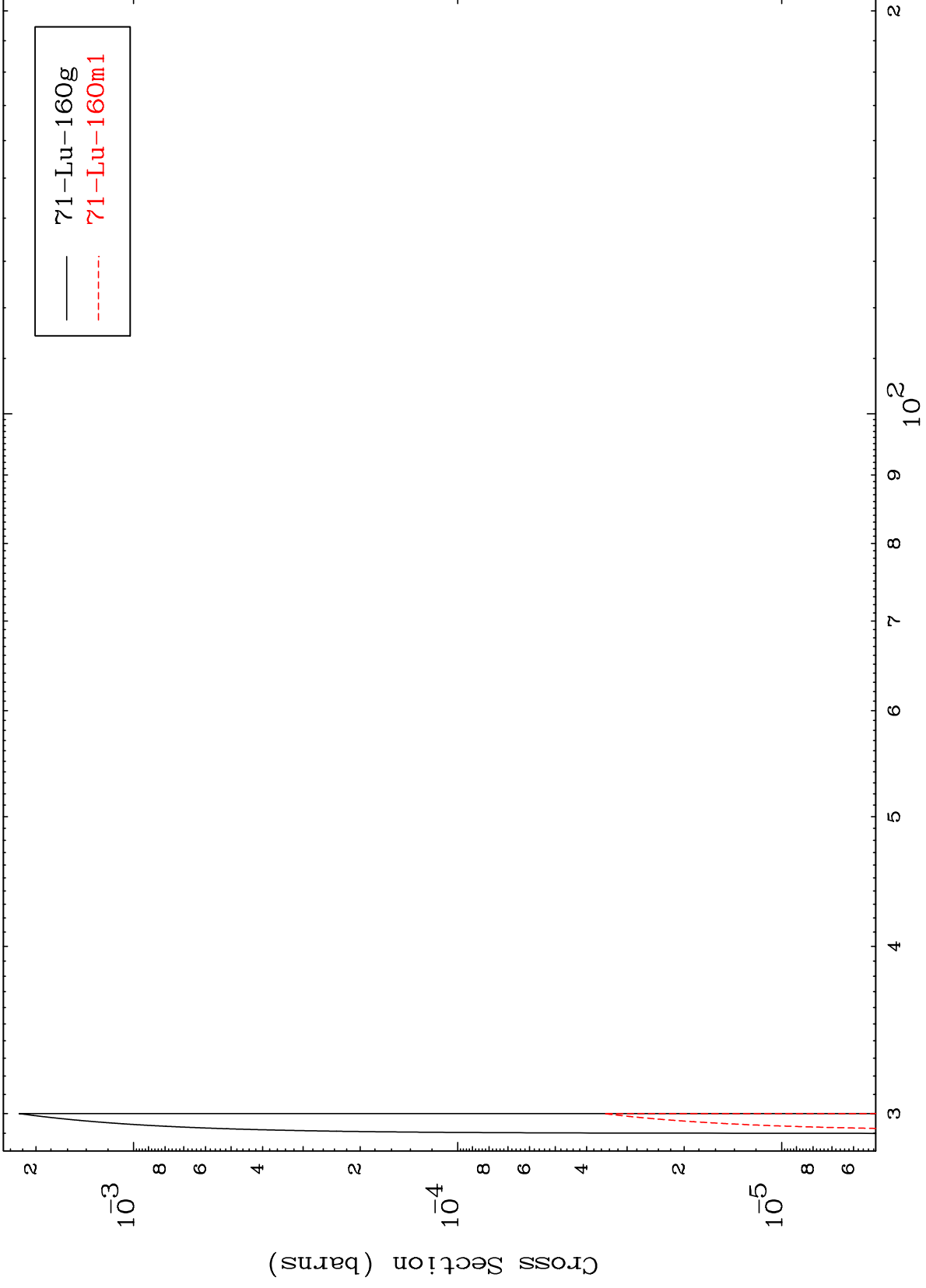
71-Lu-163

MAT 7089

(n,4n)

⁷¹Lu-163

Radionuclide Production Cross Section

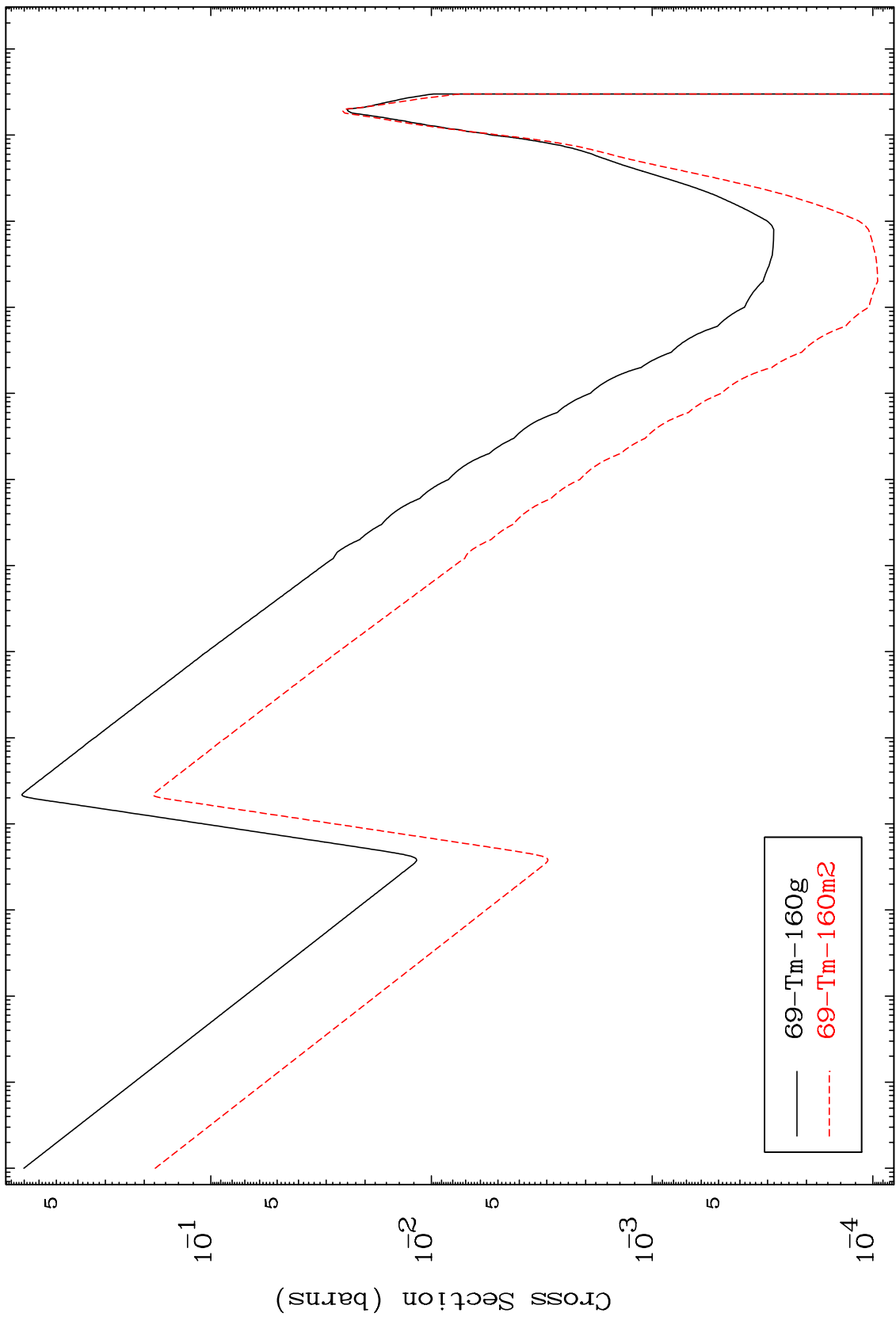


118

Incident Energy (MeV)

⁷¹Lu-163

Radionuclide Production Cross Section (n,α)

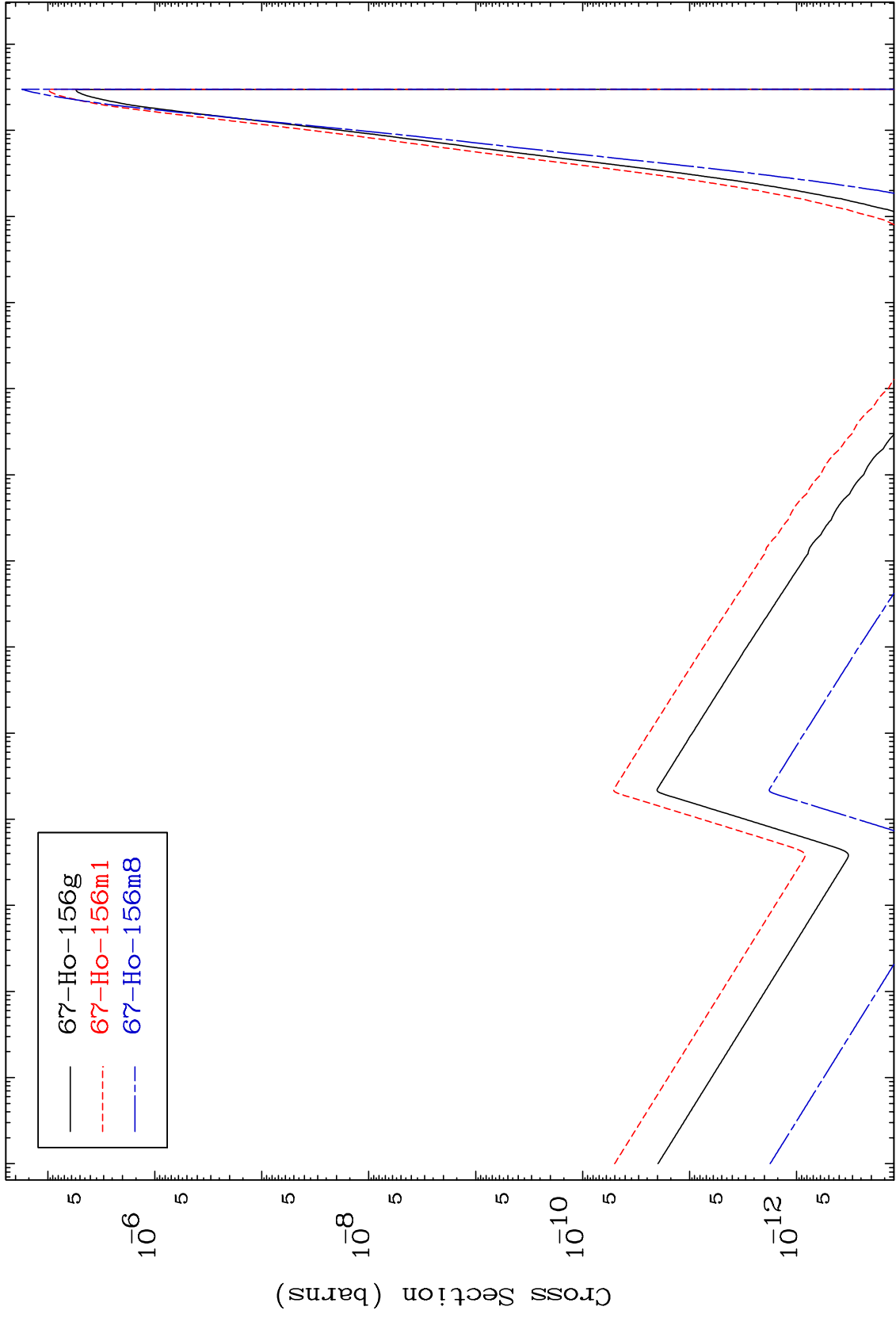


MAT 7089

(n,2α)

71-Lu-163

Radionuclide Production Cross Section



120

Incident Energy (MeV)

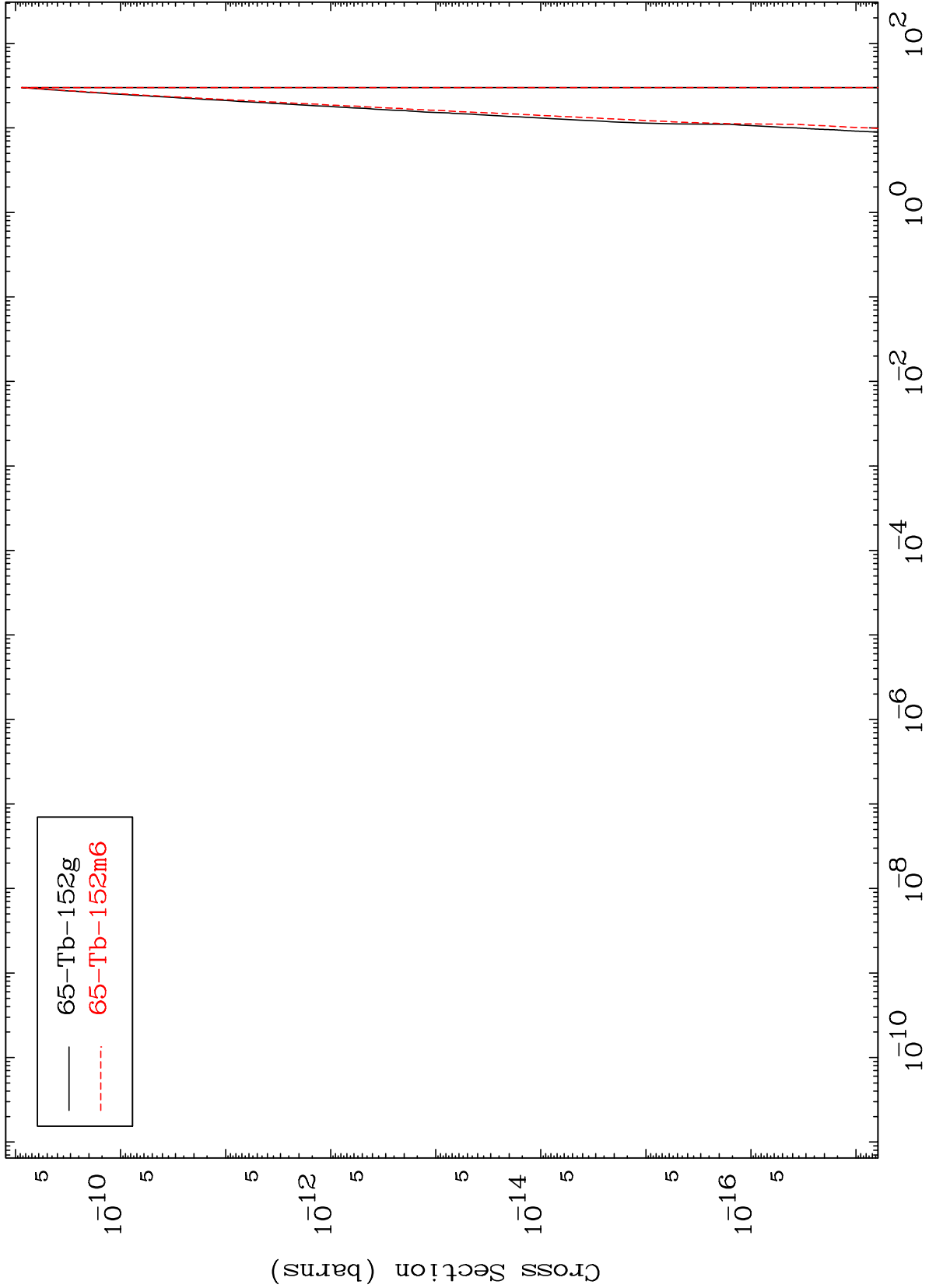
71-Lu-163

MAT 7089

(n, 3α)

71-Lu-163

Radionuclide Production Cross Section



121

Incident Energy (MeV)

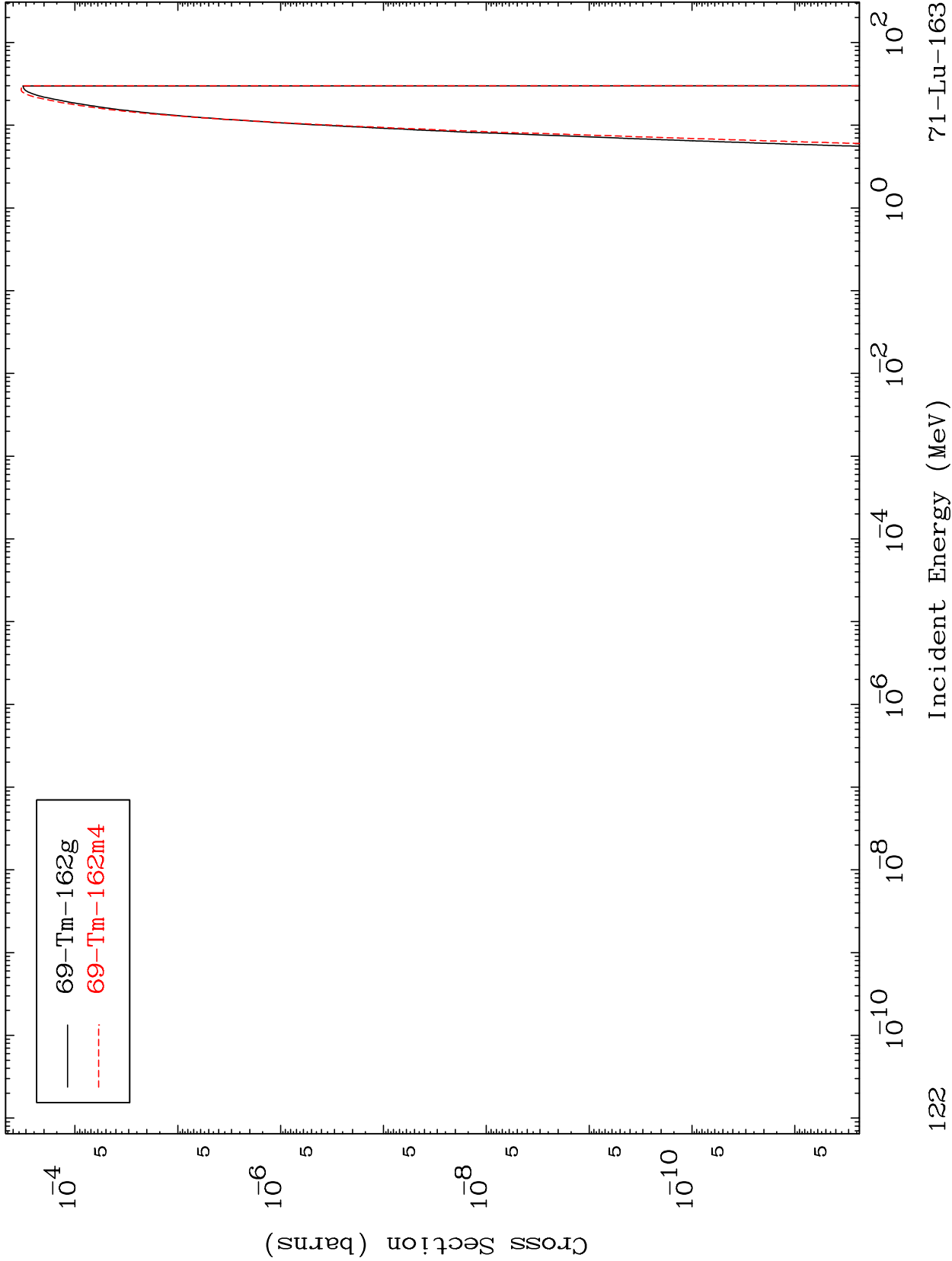
71-Lu-163

MAT 7089

(n,2p)

⁷¹Lu-163

Radionuclide Production Cross Section

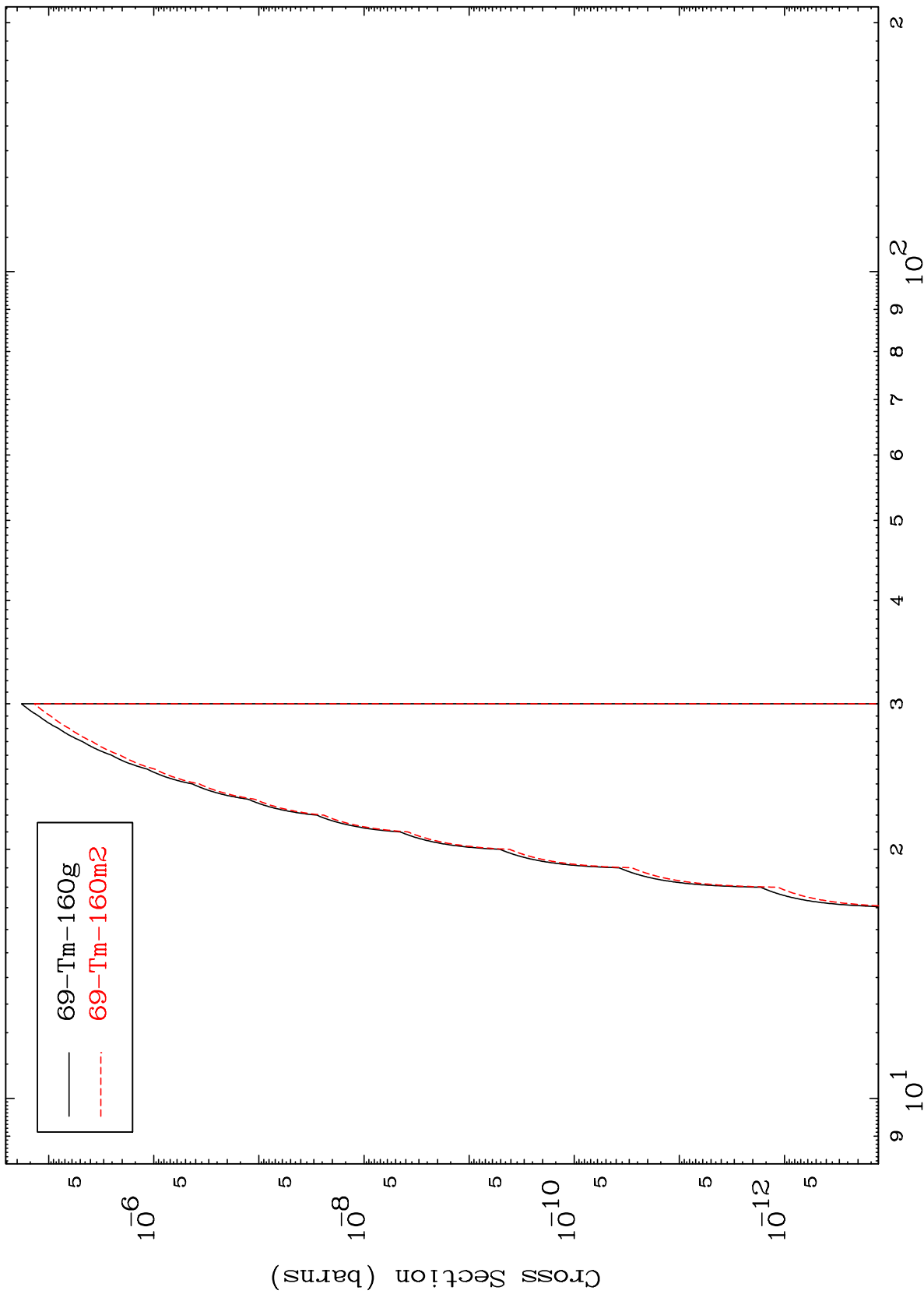


MAT 7089

(n,p) t

71-Lu-163

Radionuclide Production Cross Section



69-Tm-160g
69-Tm-160m2

123

Incident Energy (MeV)

71-Lu-163