

Program EVALPLOT  
(Version 2015-2)

by

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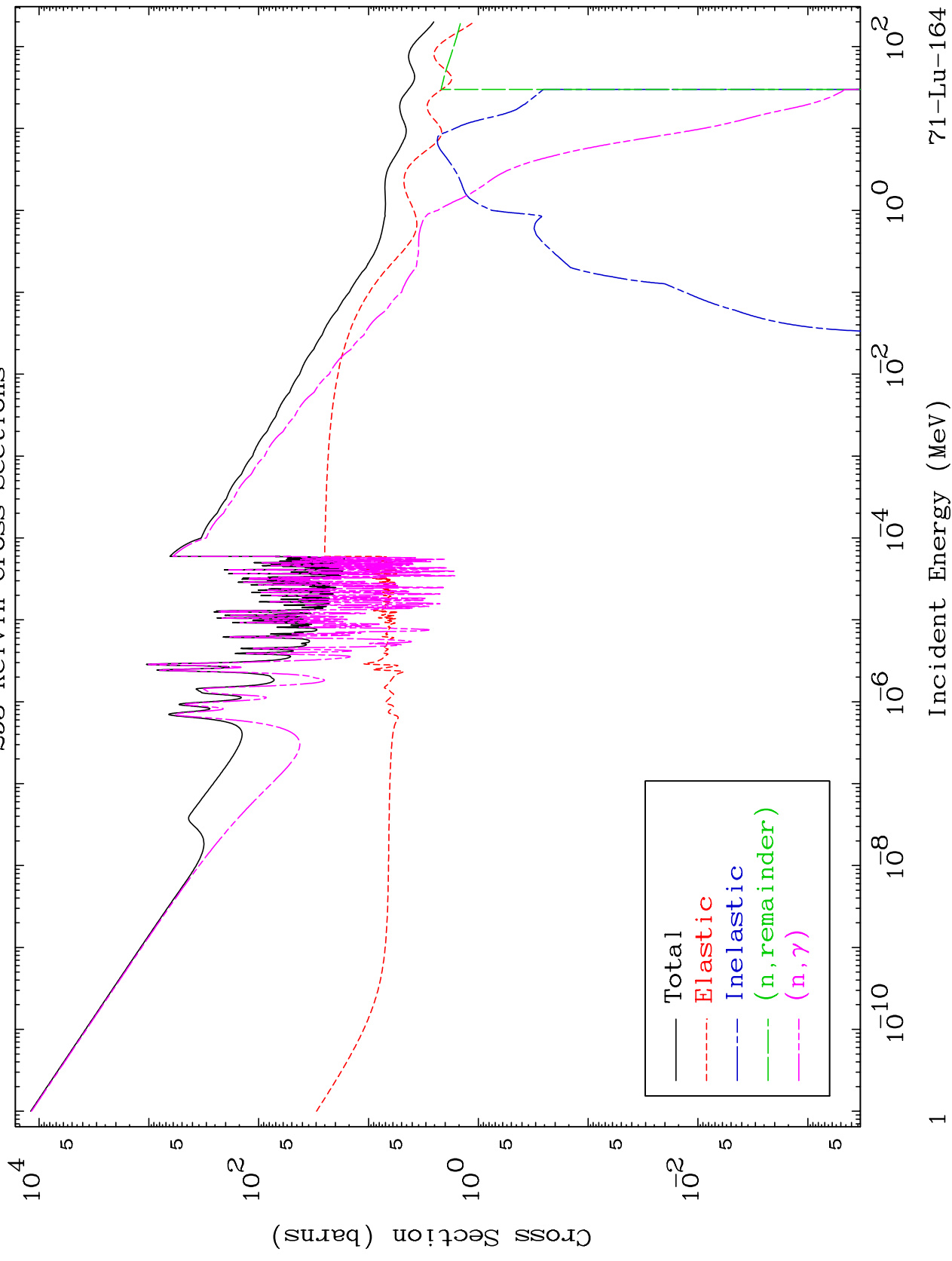
Press Mouse Button to Start

MAT 7092

Major

293 Kelvin Cross Sections

71-Lu-164



1

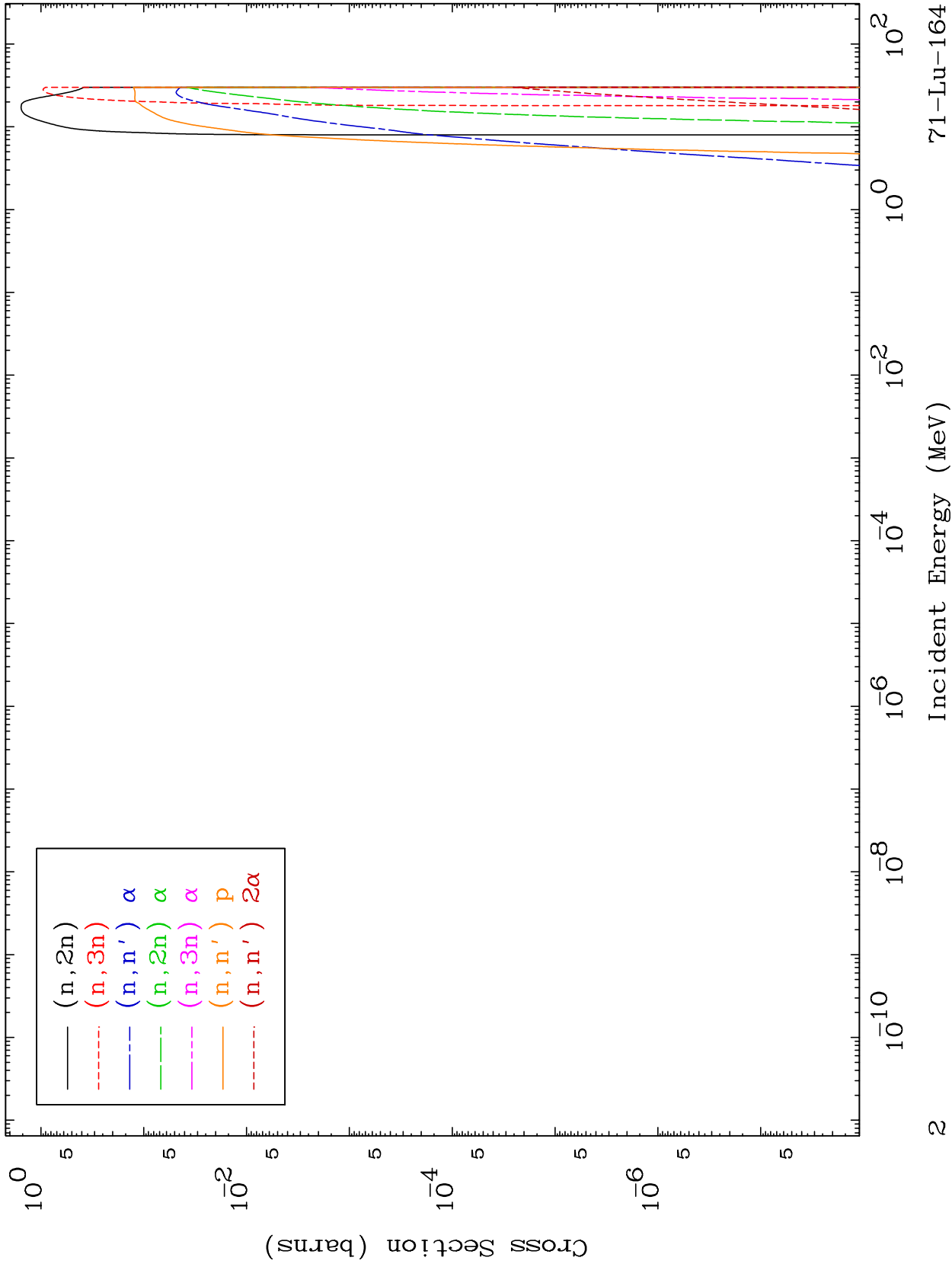
Incident Energy (MeV)

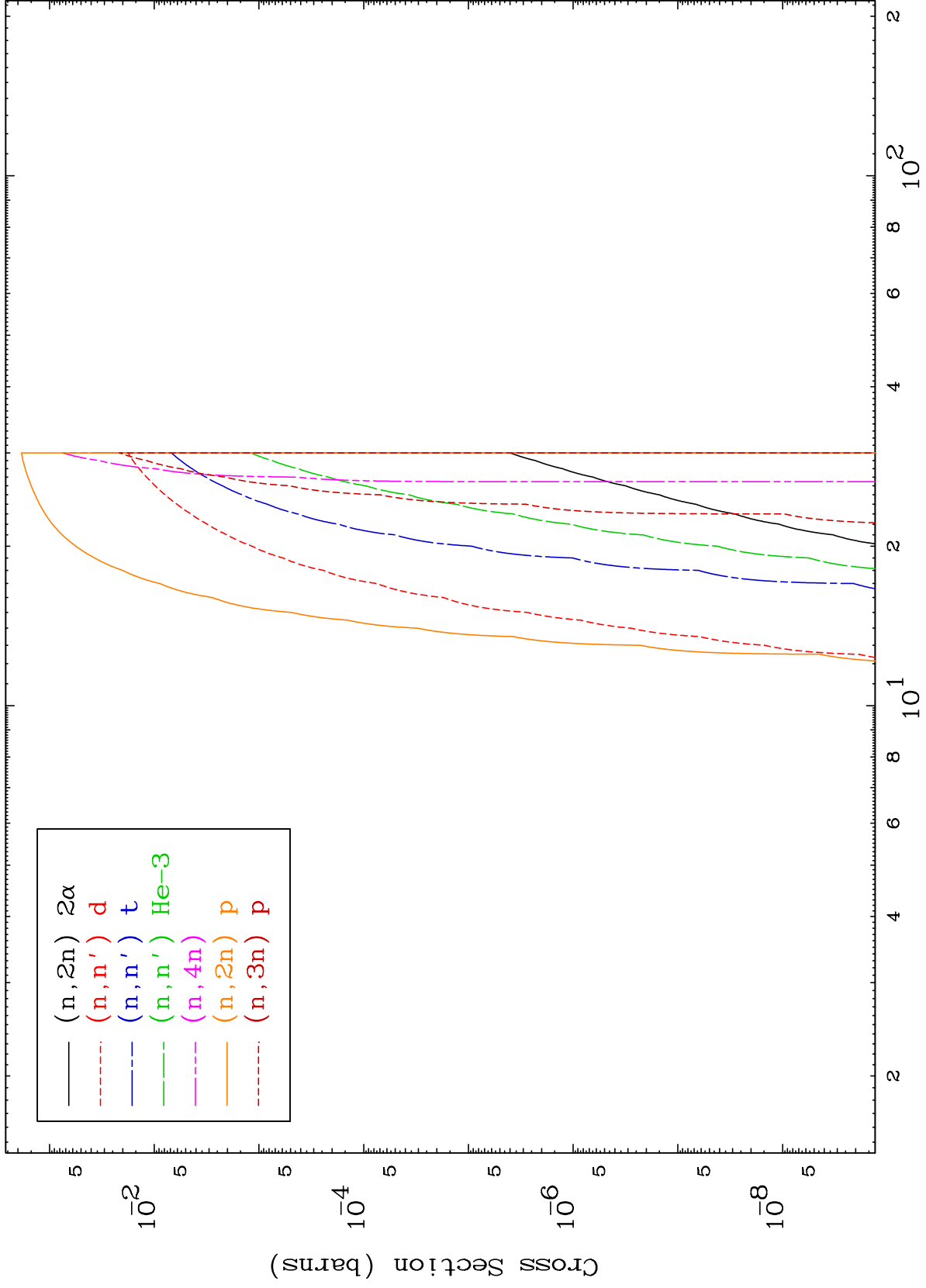
71-Lu-164

MAT 7092

Neutron Production  
293 Kelvin Cross Sections

71-Lu-164

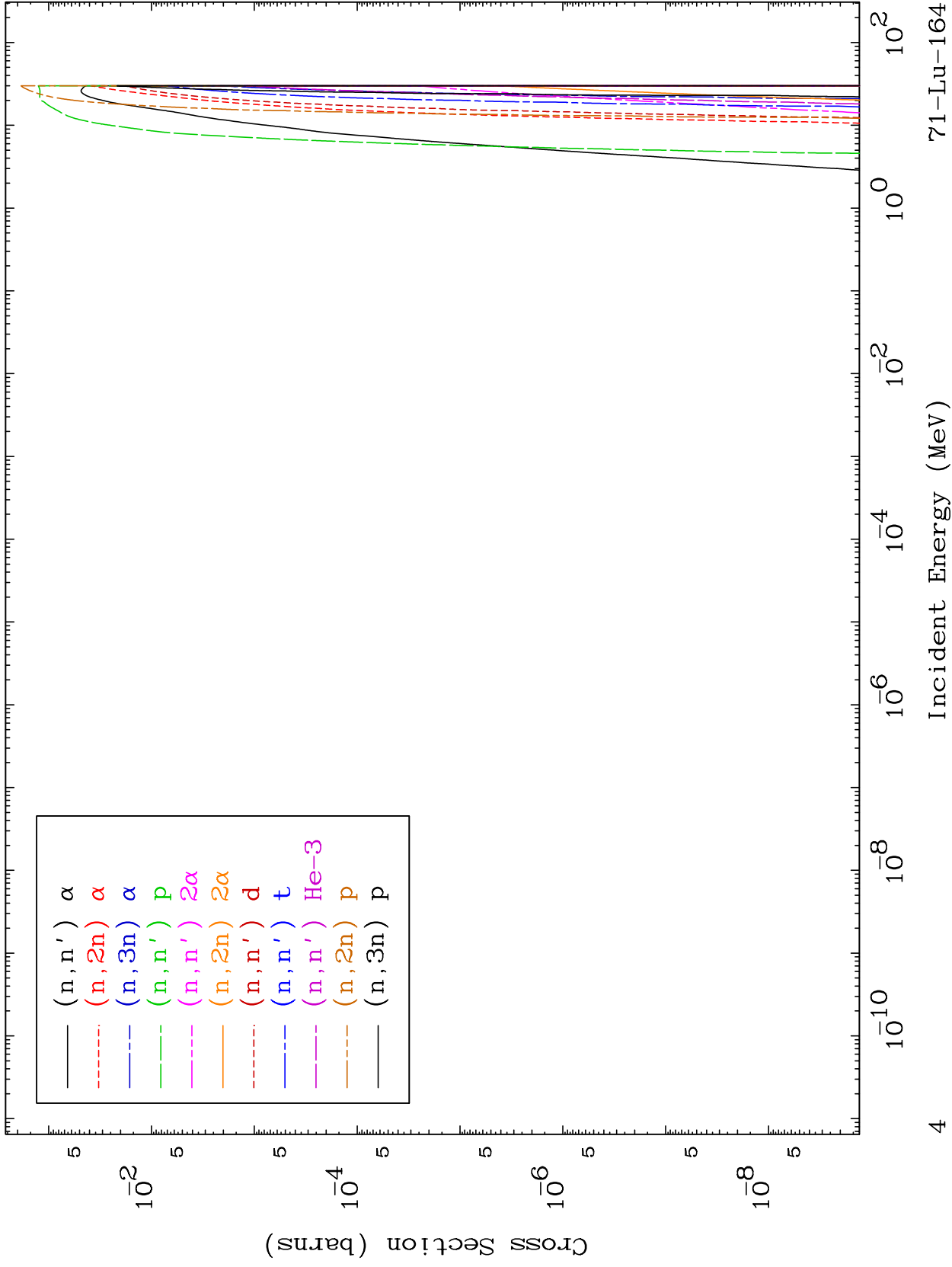


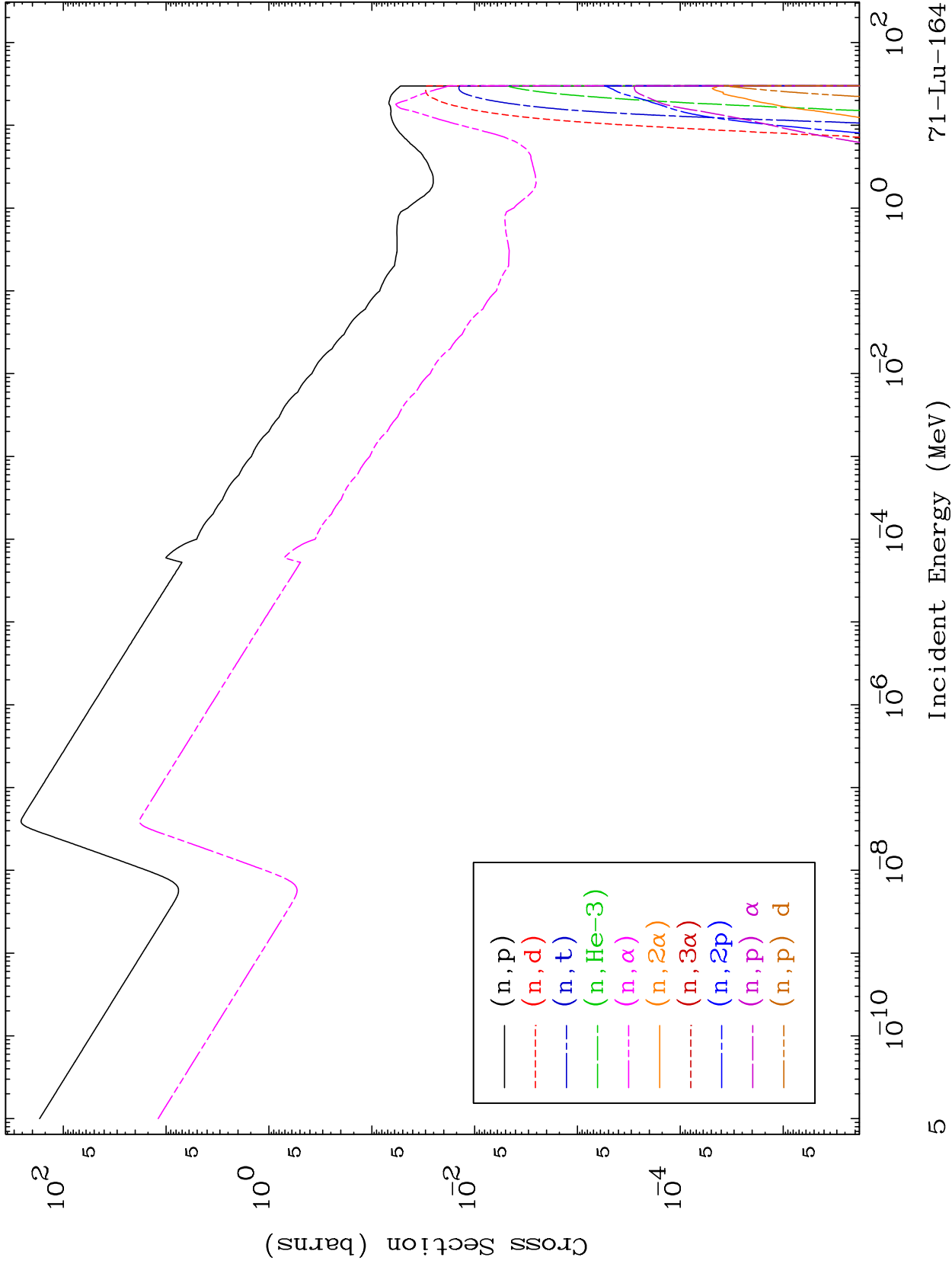


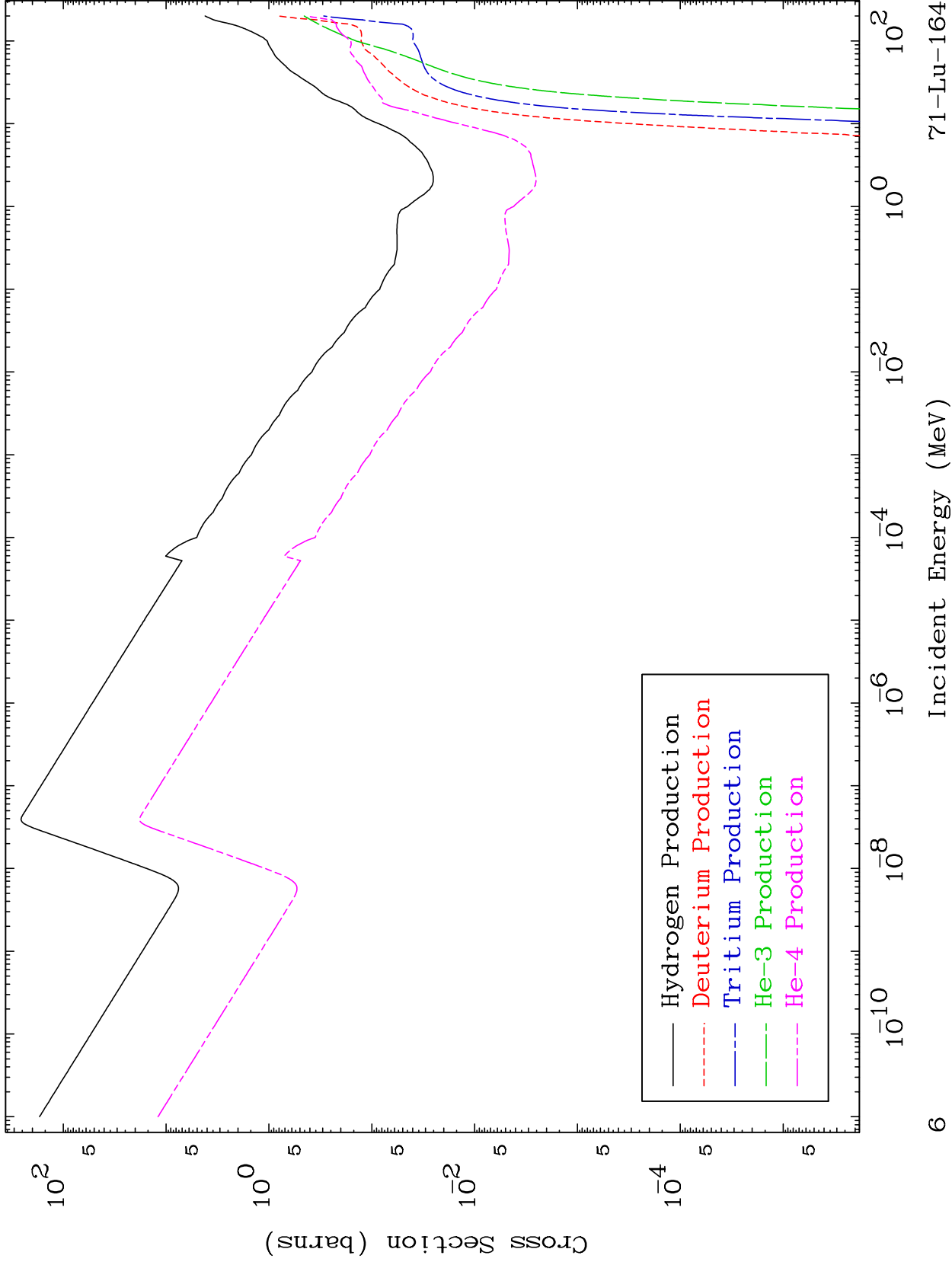
MAT 7092

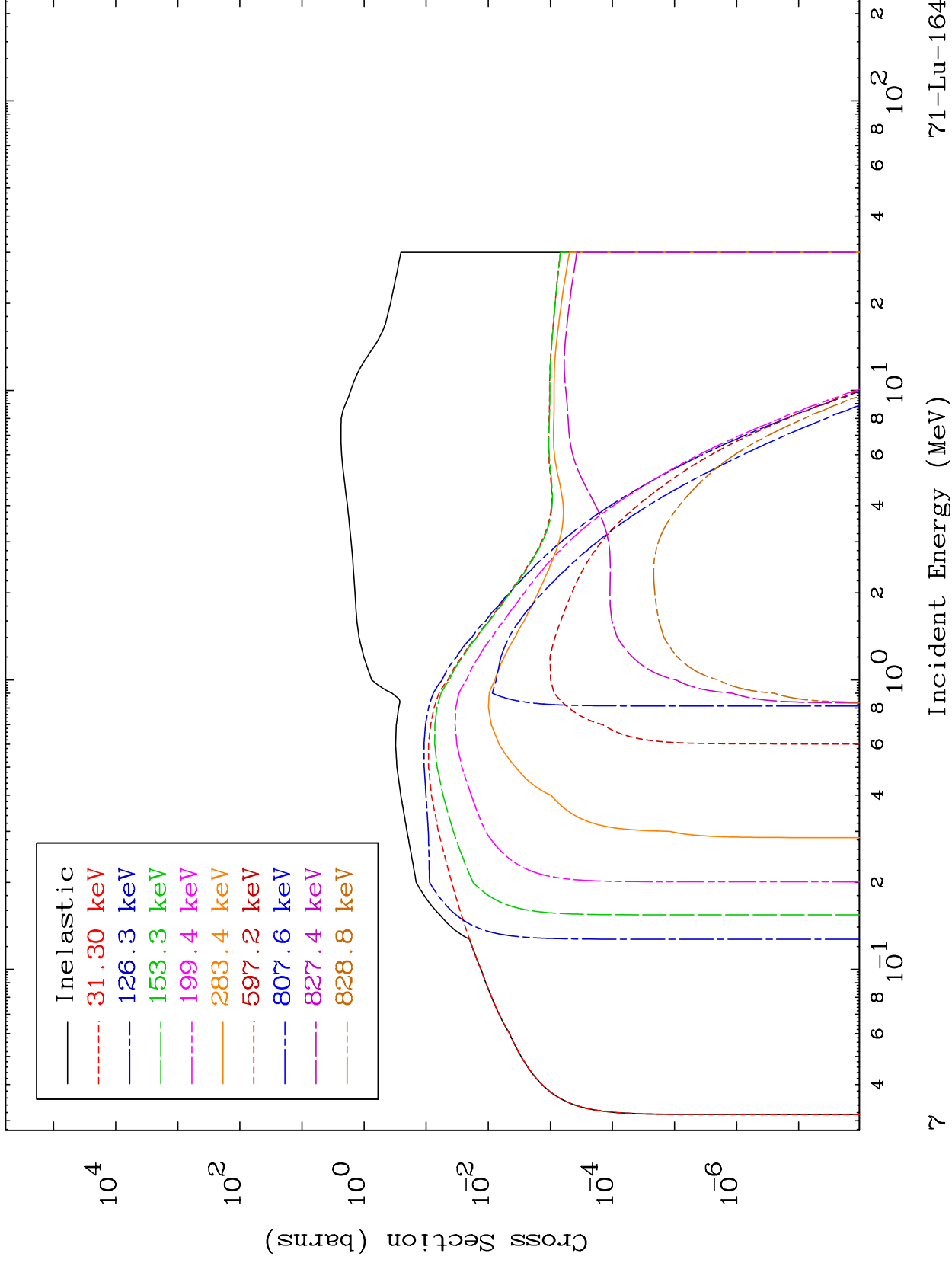
293 Charged Particle  
Kelvin Cross Sections

71-Lu-164







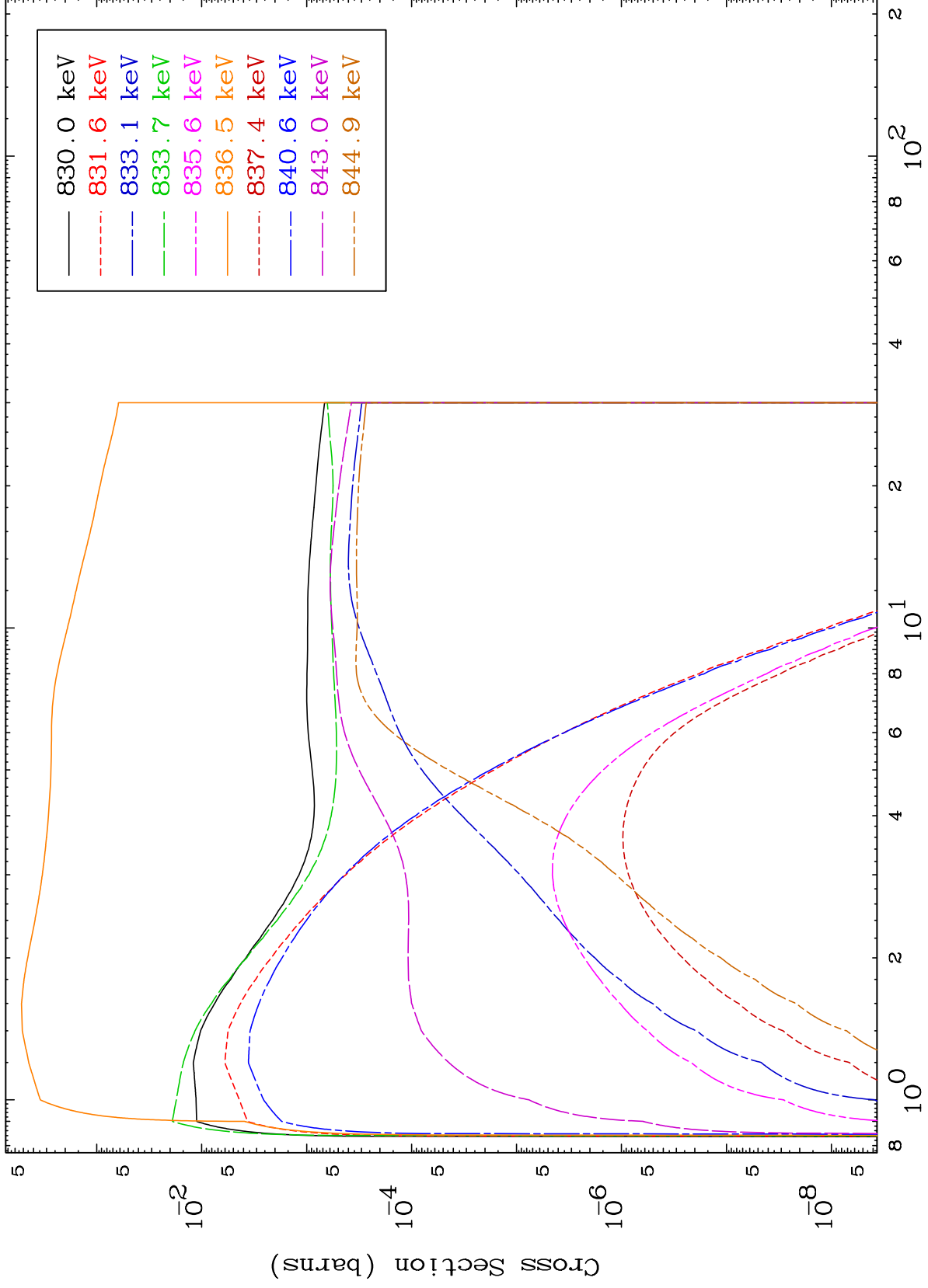




MAT 7092

(n,n') Level  
293 Kelvin Cross Sections

71-Lu-164



8

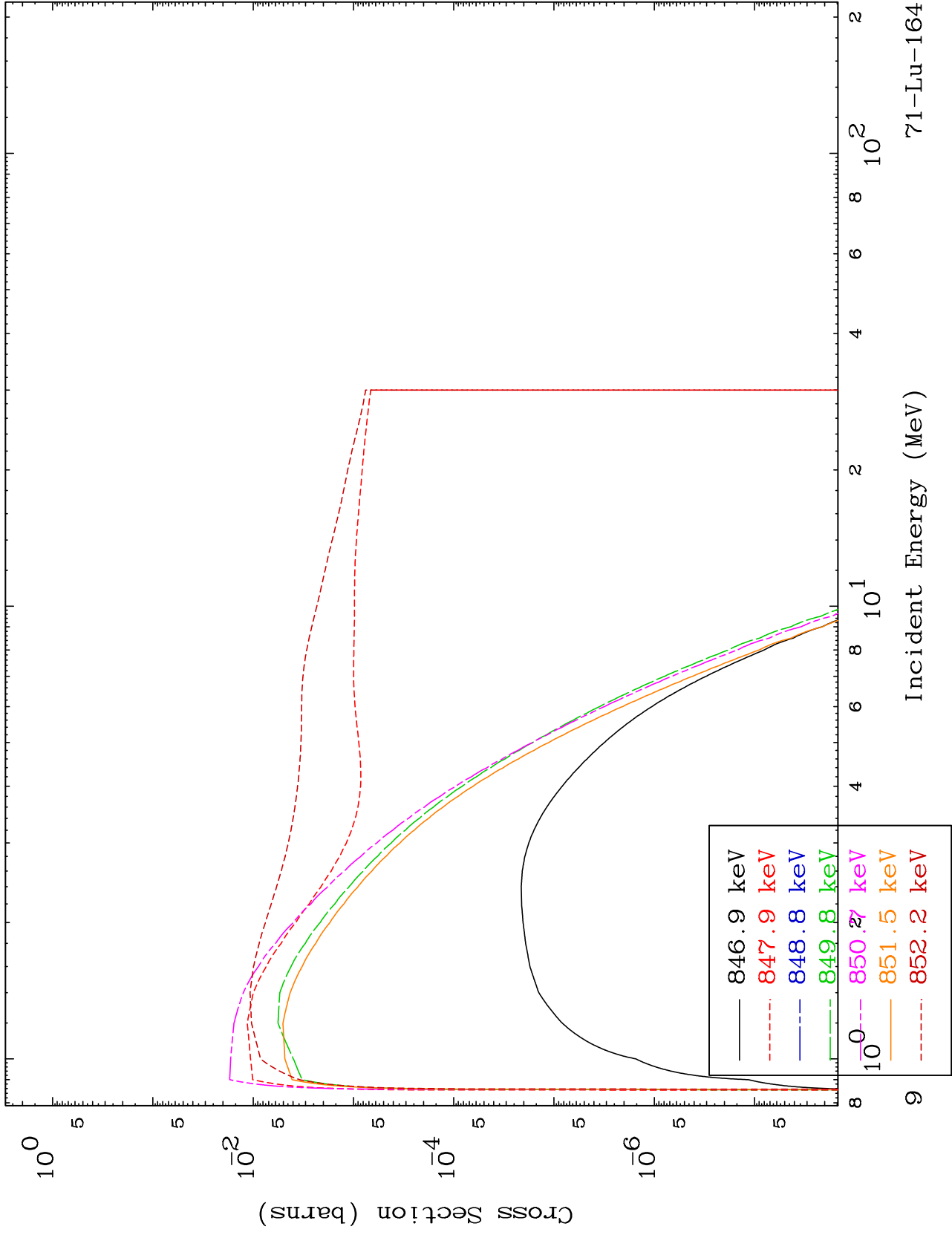
Incident Energy (MeV)

71-Lu-164

MAT 7092

(n,n') Level  
293 Kelvin Cross Sections

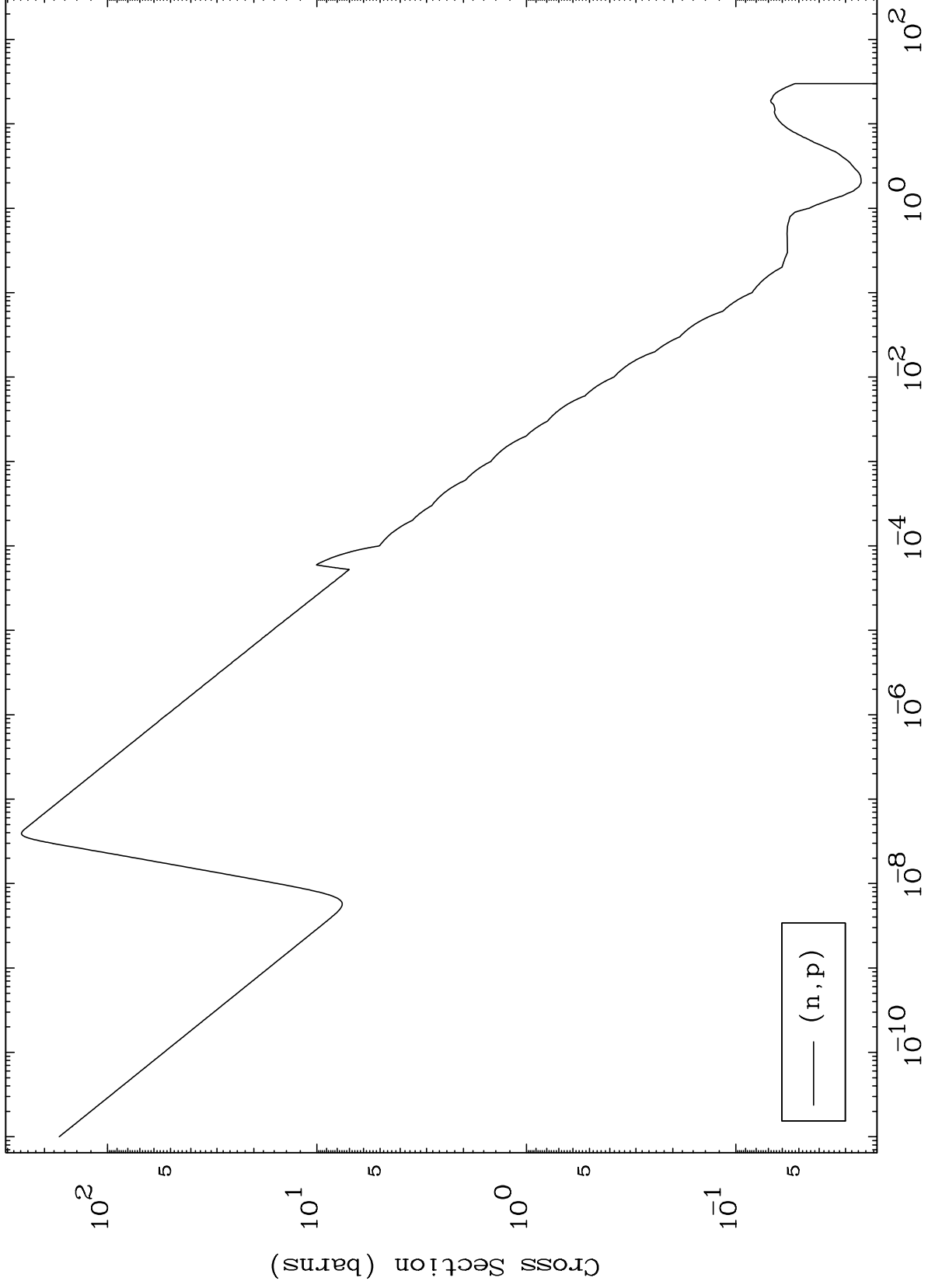
71-Lu-164



MAT 7092

(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-164



10

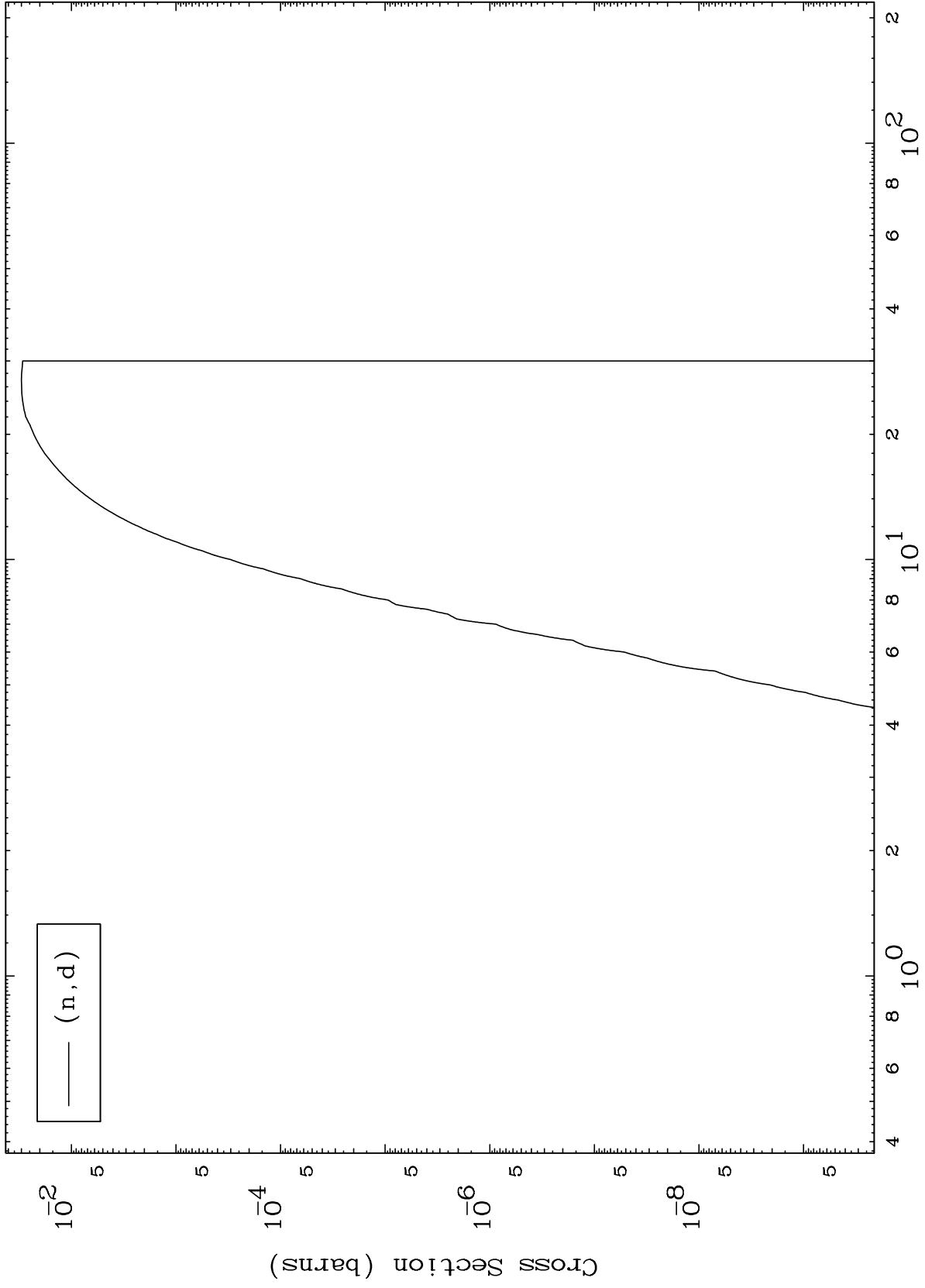
Incident Energy (MeV)

71-Lu-164

MAT 7092

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-164

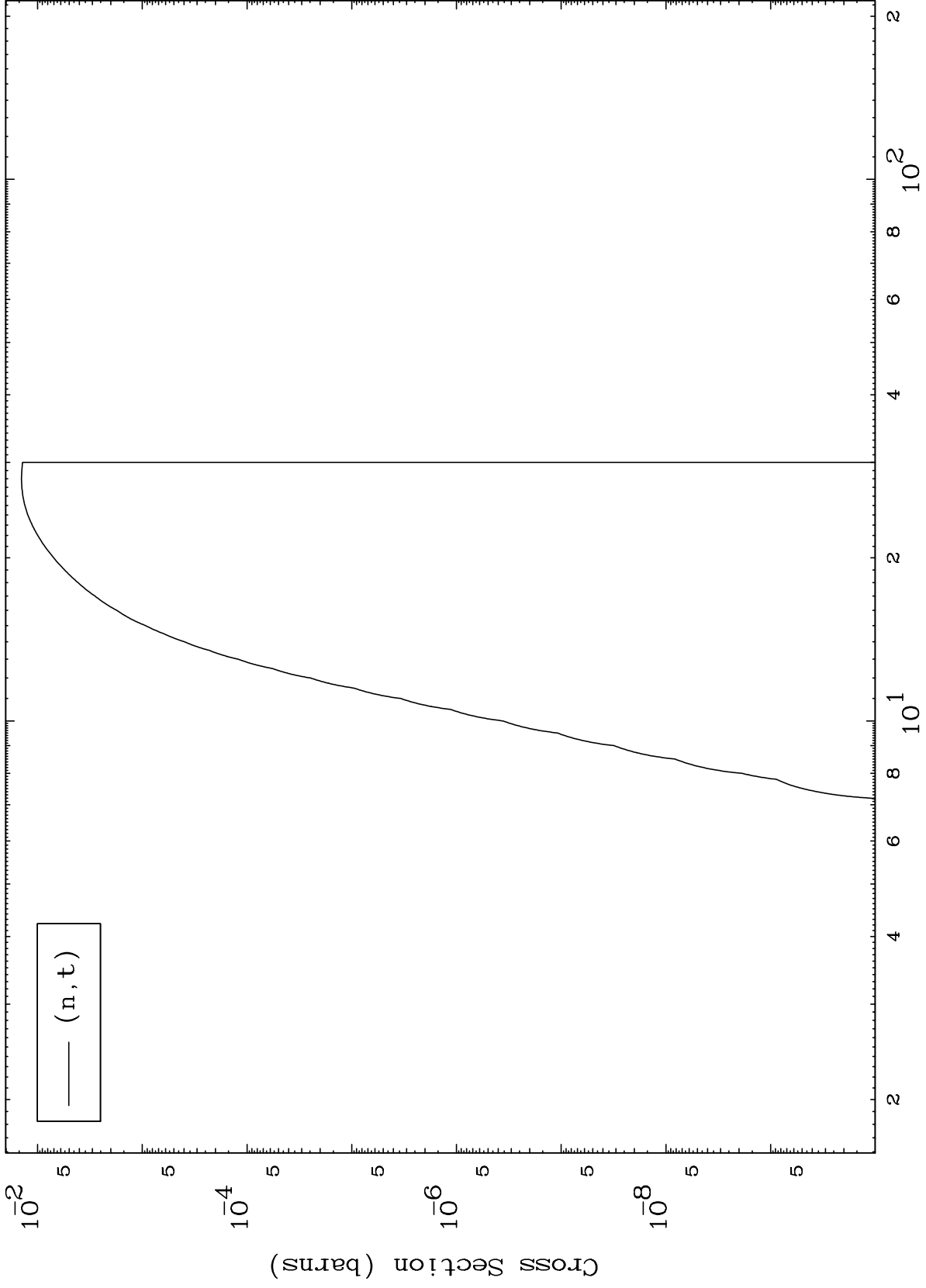


(n,d)

MAT 7092

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-164



12

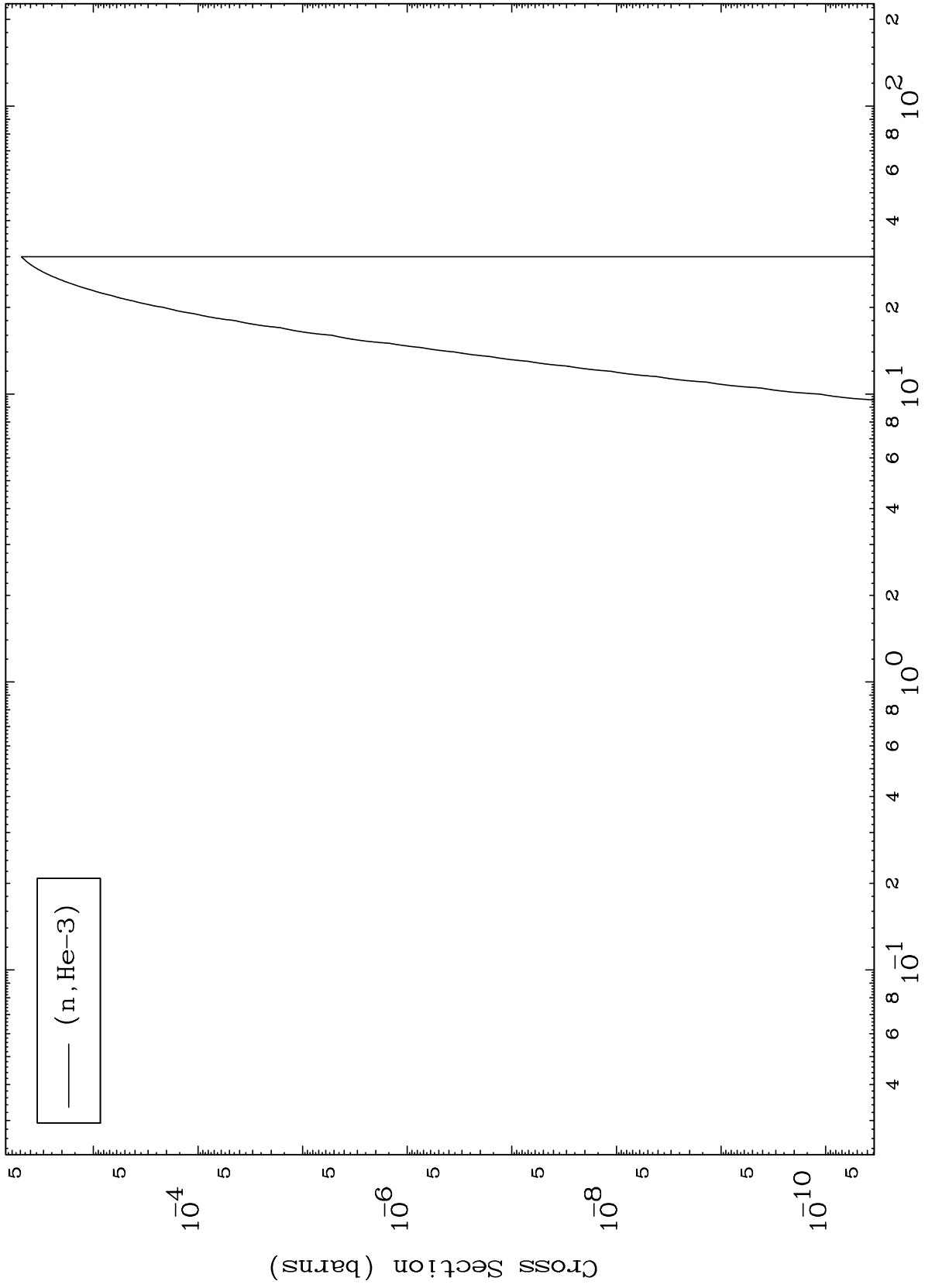
Incident Energy (MeV)

71-Lu-164

MAT 7092

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-164



13

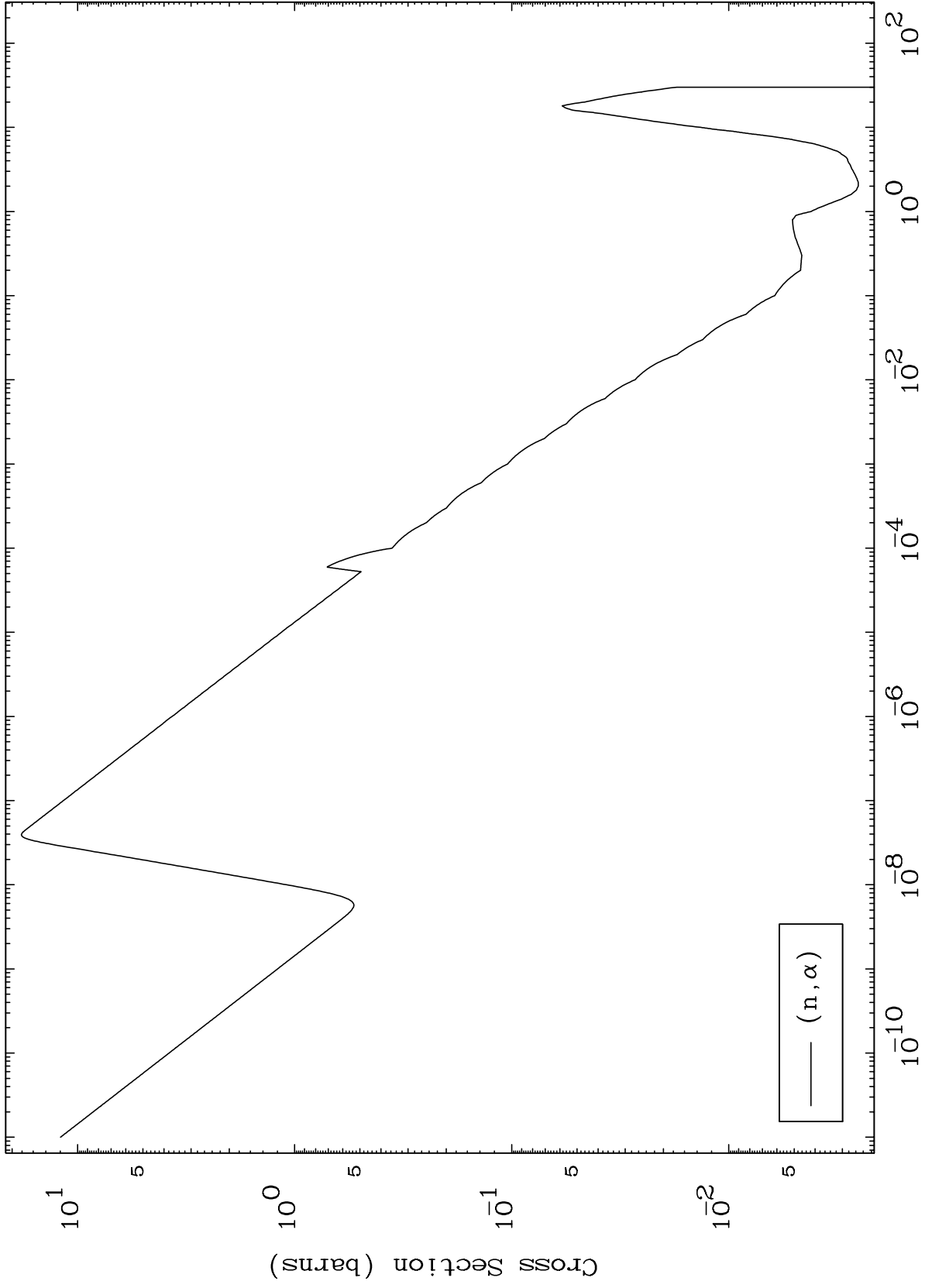
Incident Energy (MeV)

71-Lu-164

MAT 7092

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

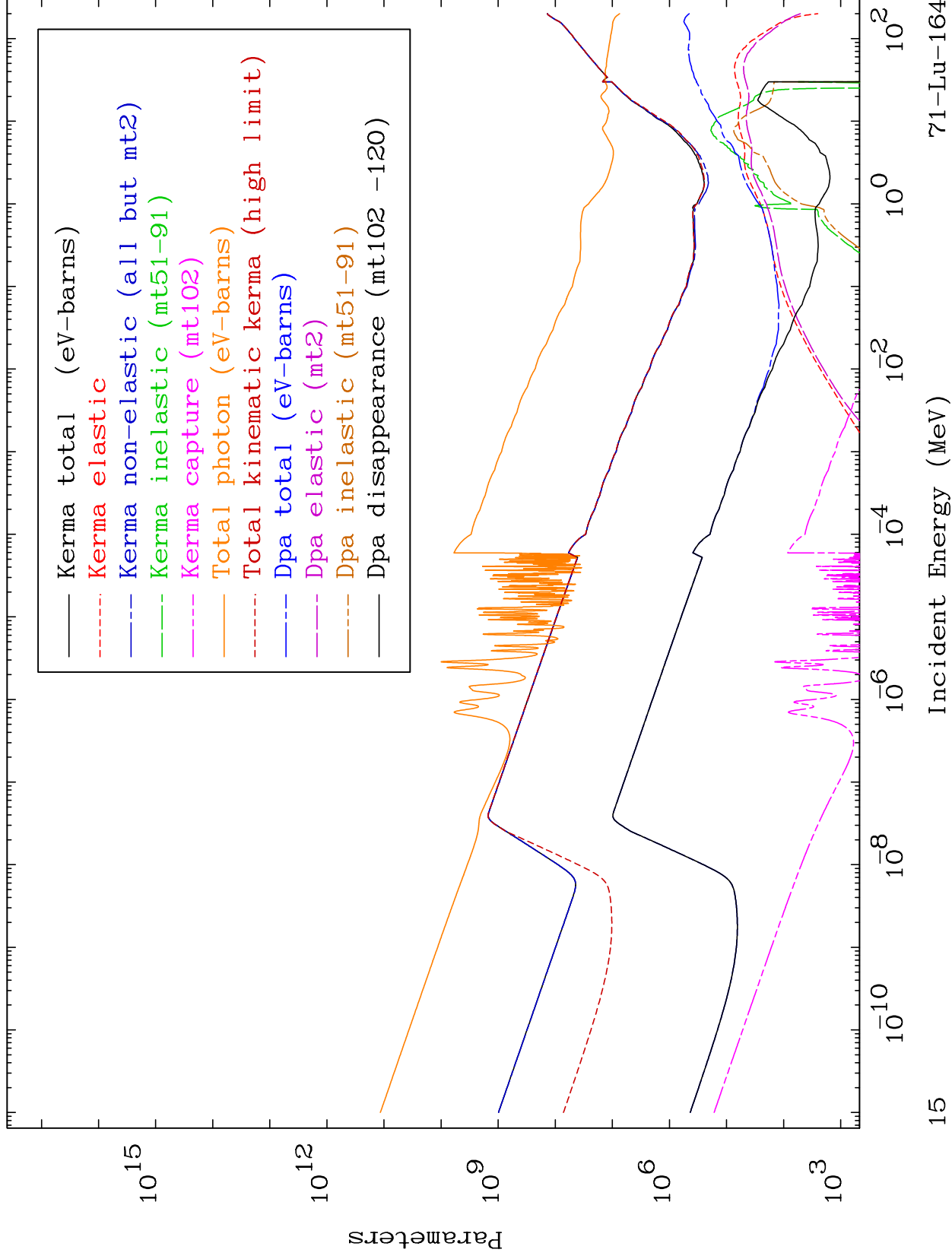
71-Lu-164



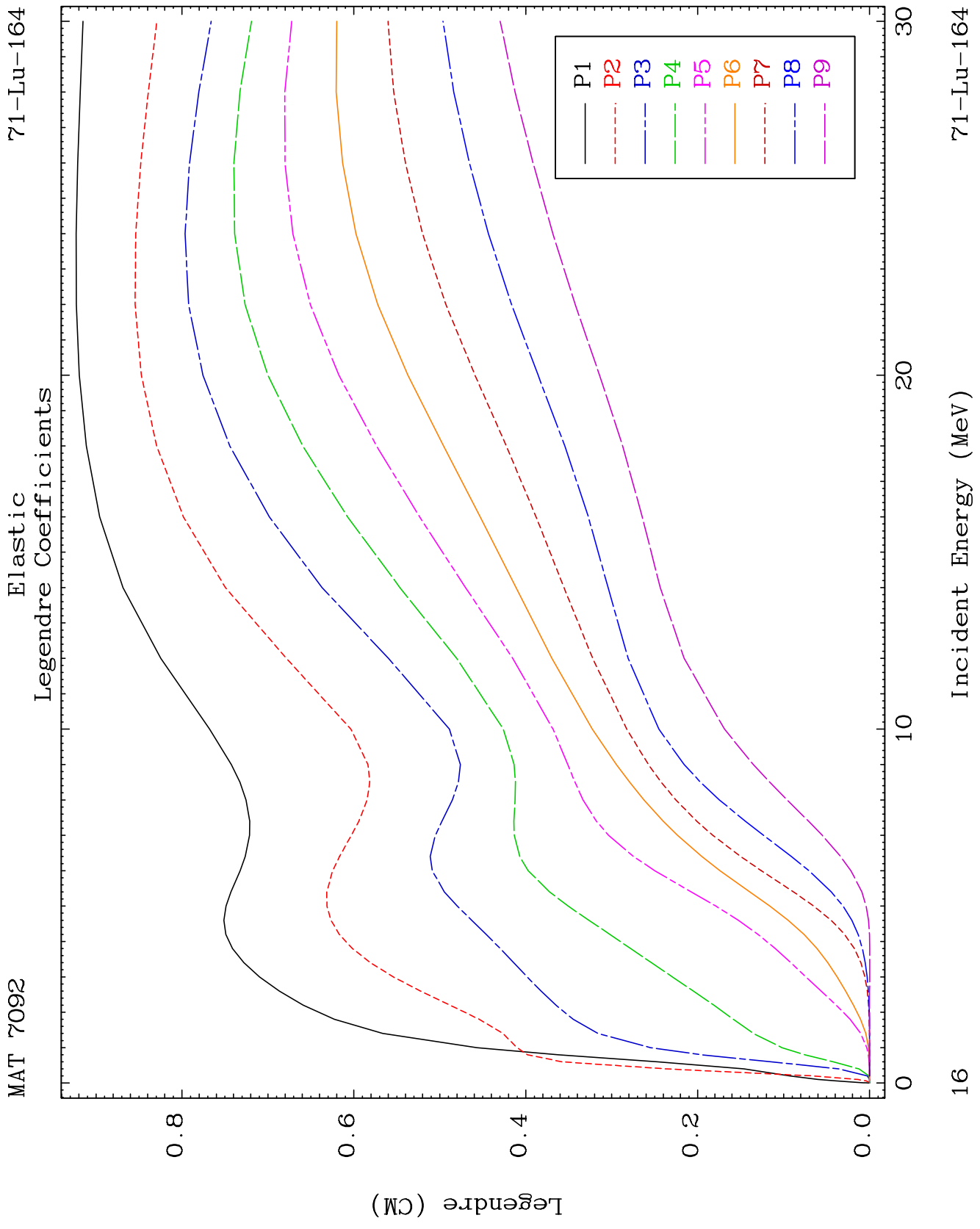
14

Incident Energy (MeV)

71-Lu-164



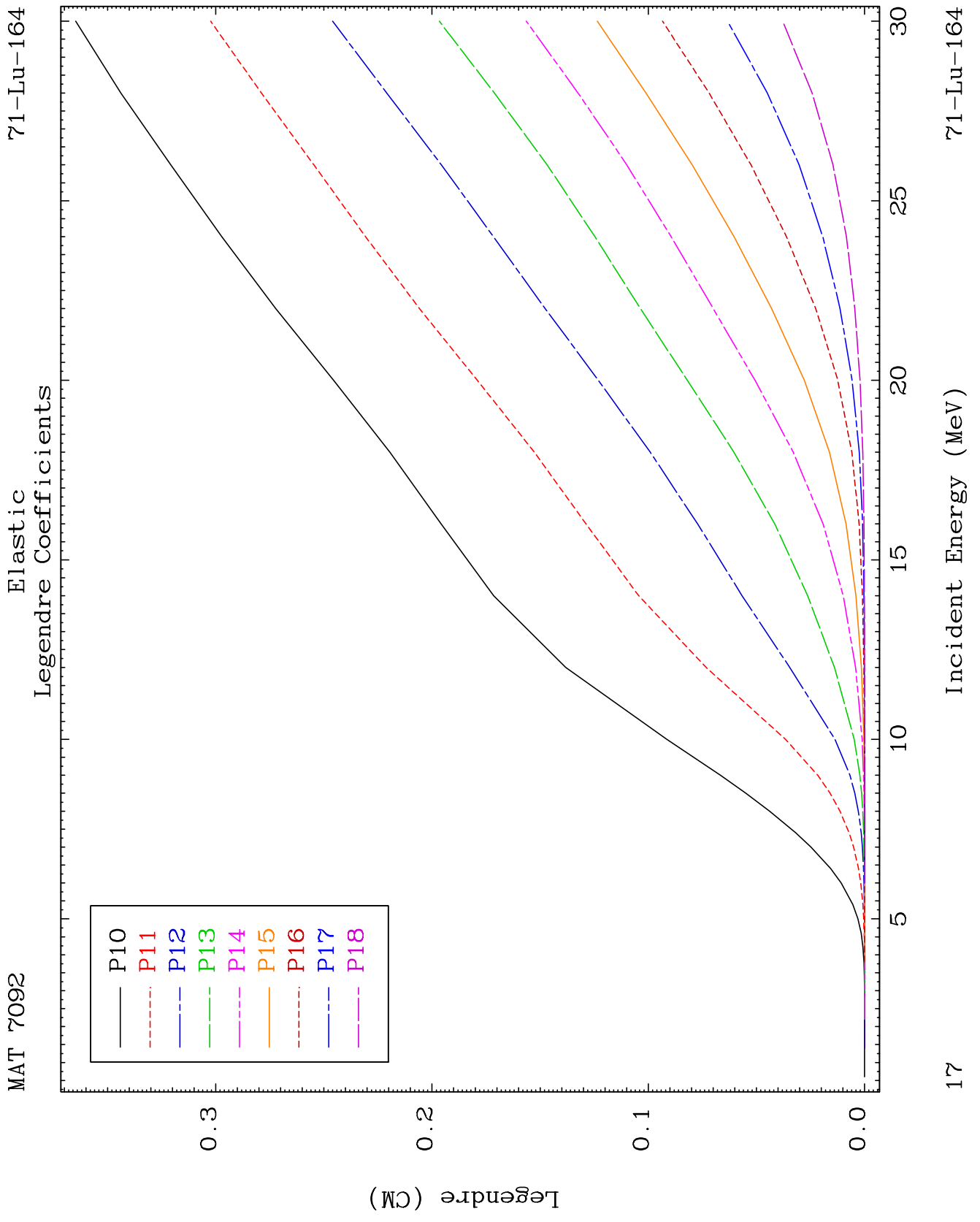




71-Lu-164

Incident Energy (MeV)

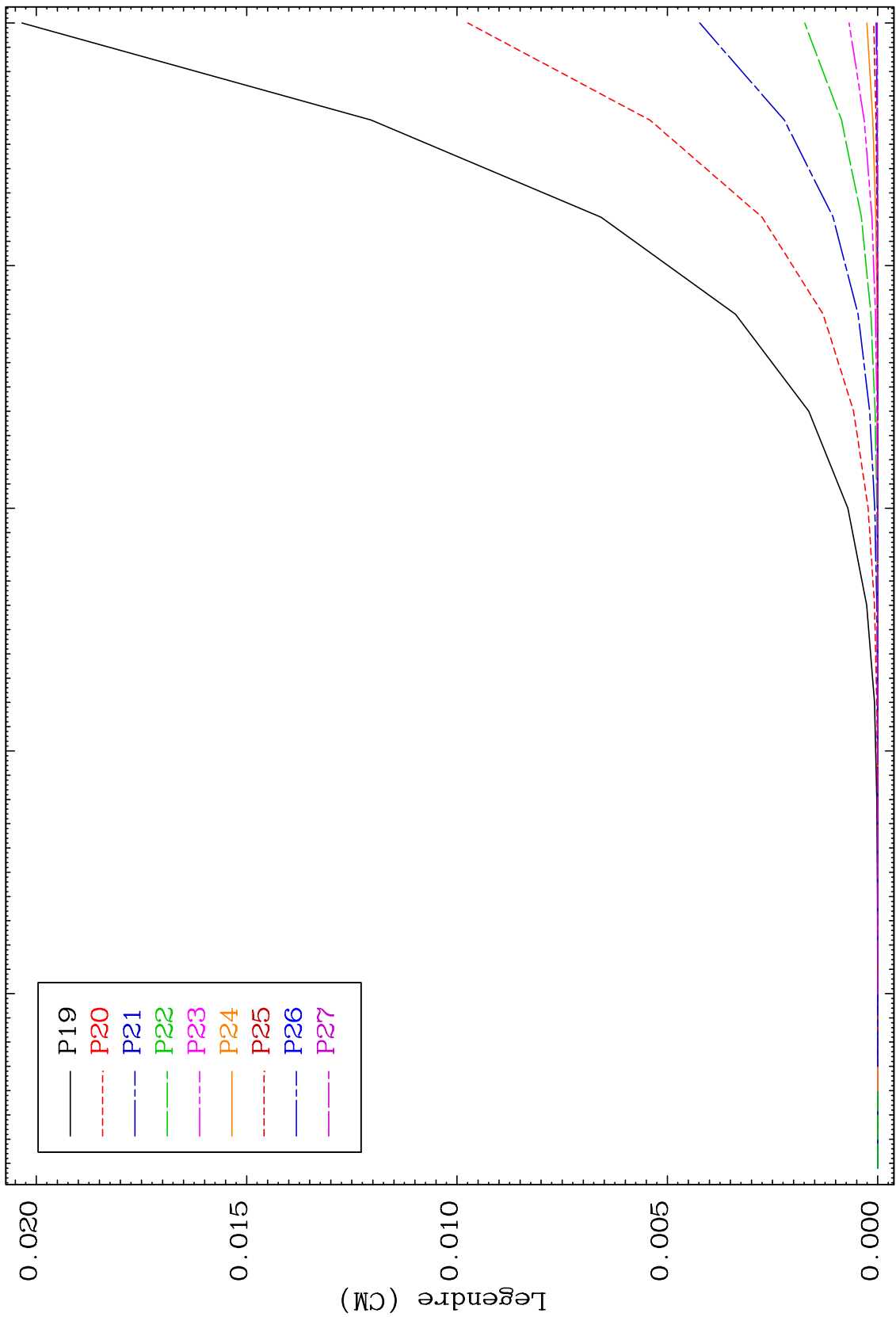
16



MAT 7092

### Elastic Legendre Coefficients

71-Lu-164



18

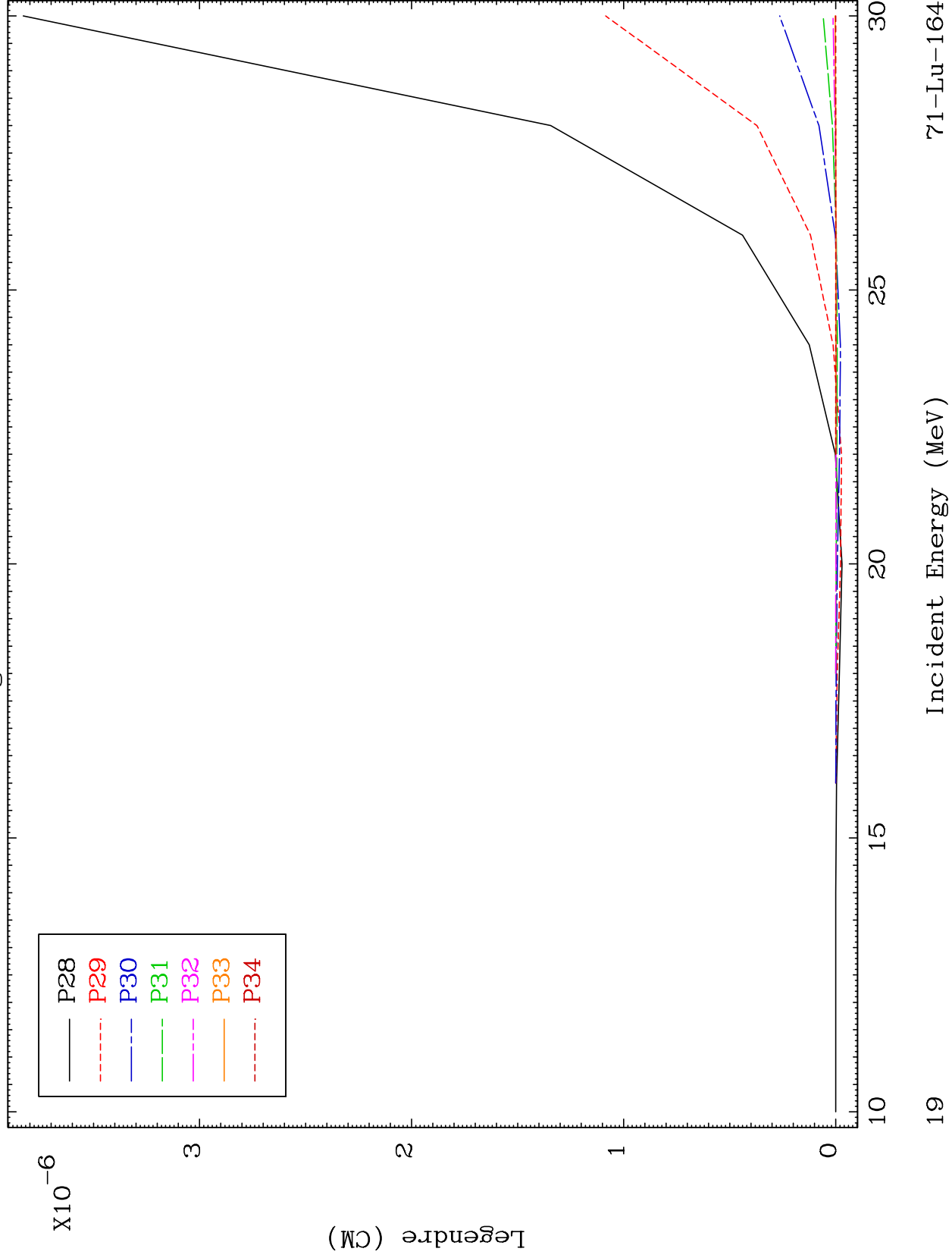
Incident Energy (MeV)

71-Lu-164

MAT 7092

Elastic  
Legendre Coefficients

71-Lu-164



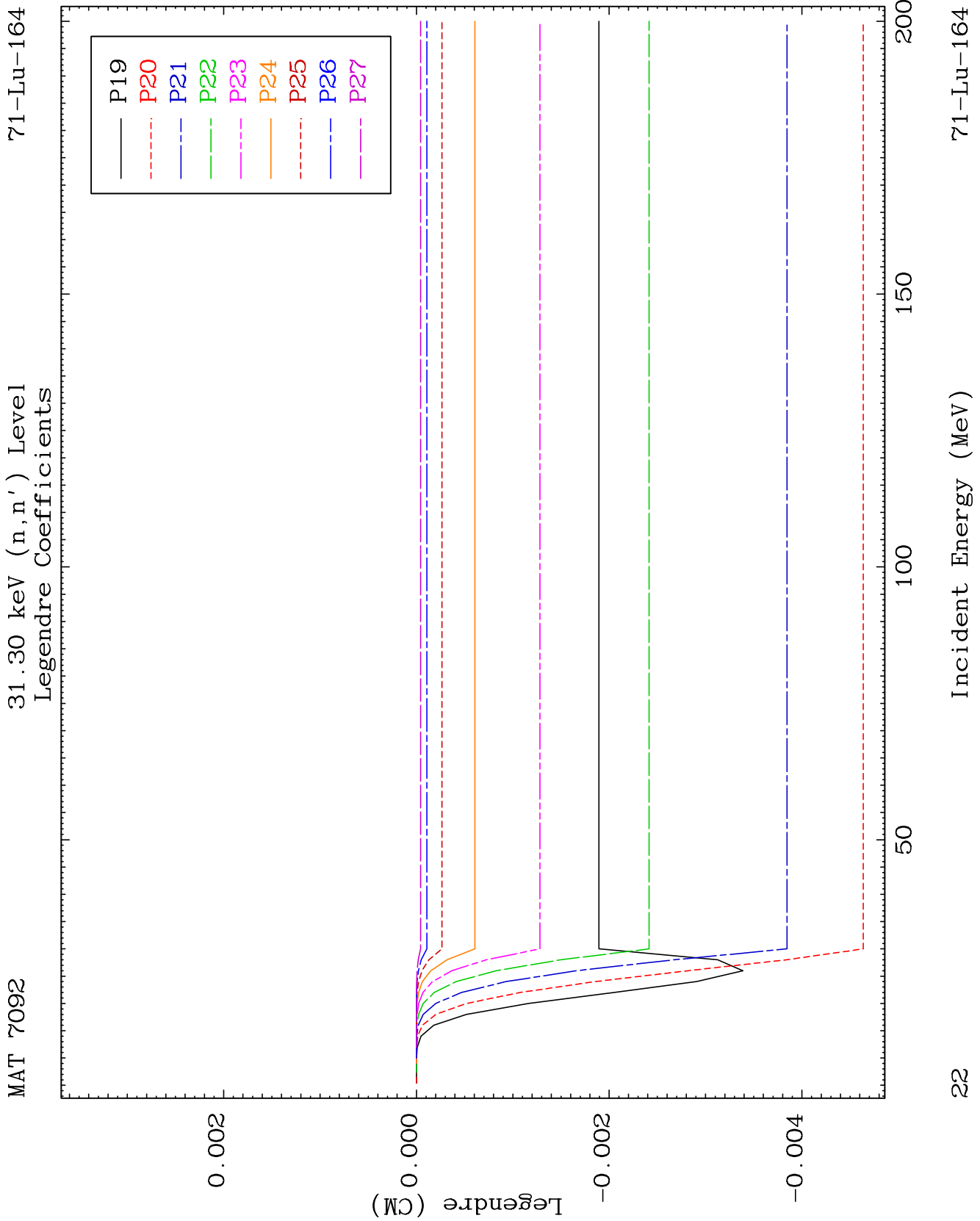
19

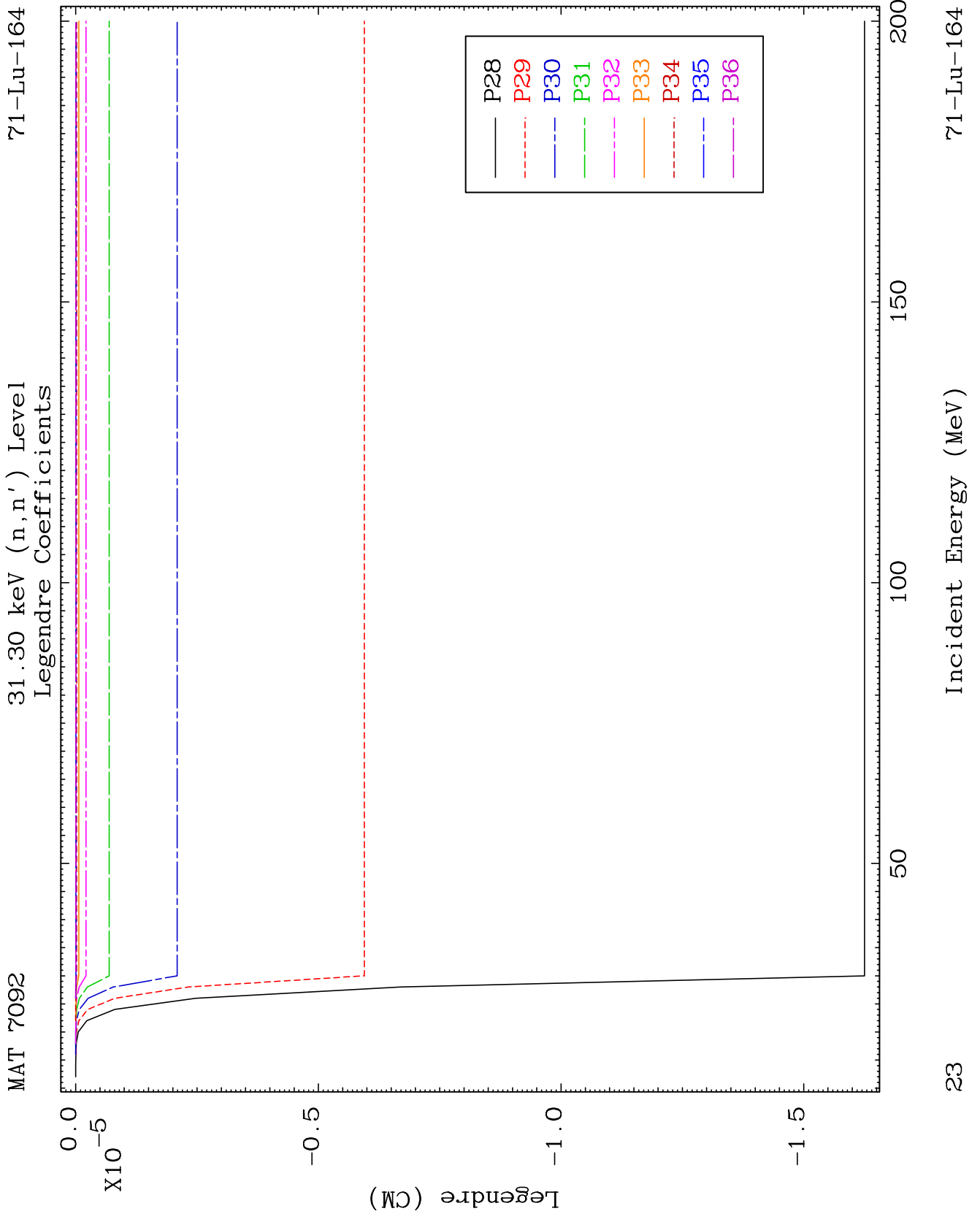
Incident Energy (MeV)

71-Lu-164



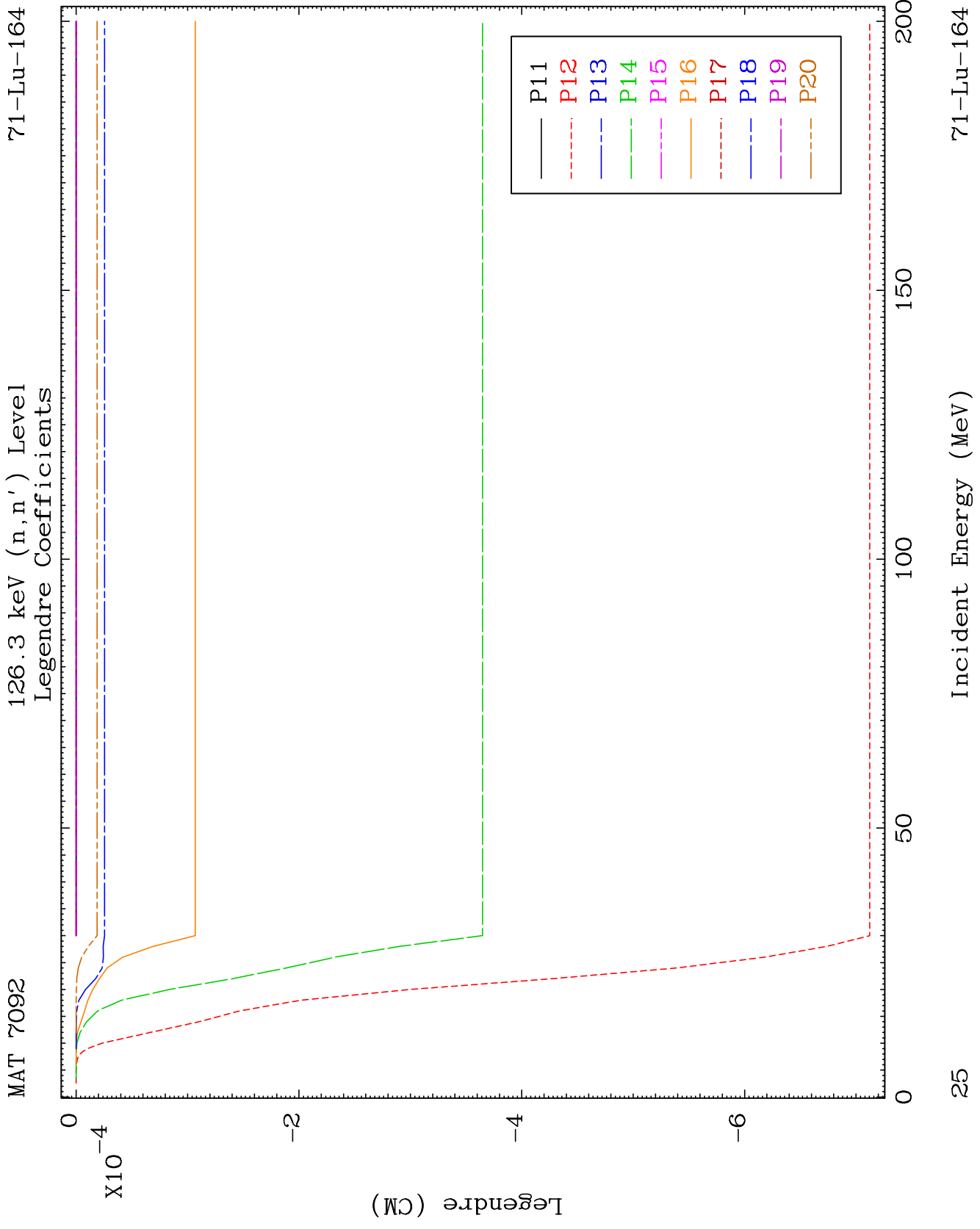


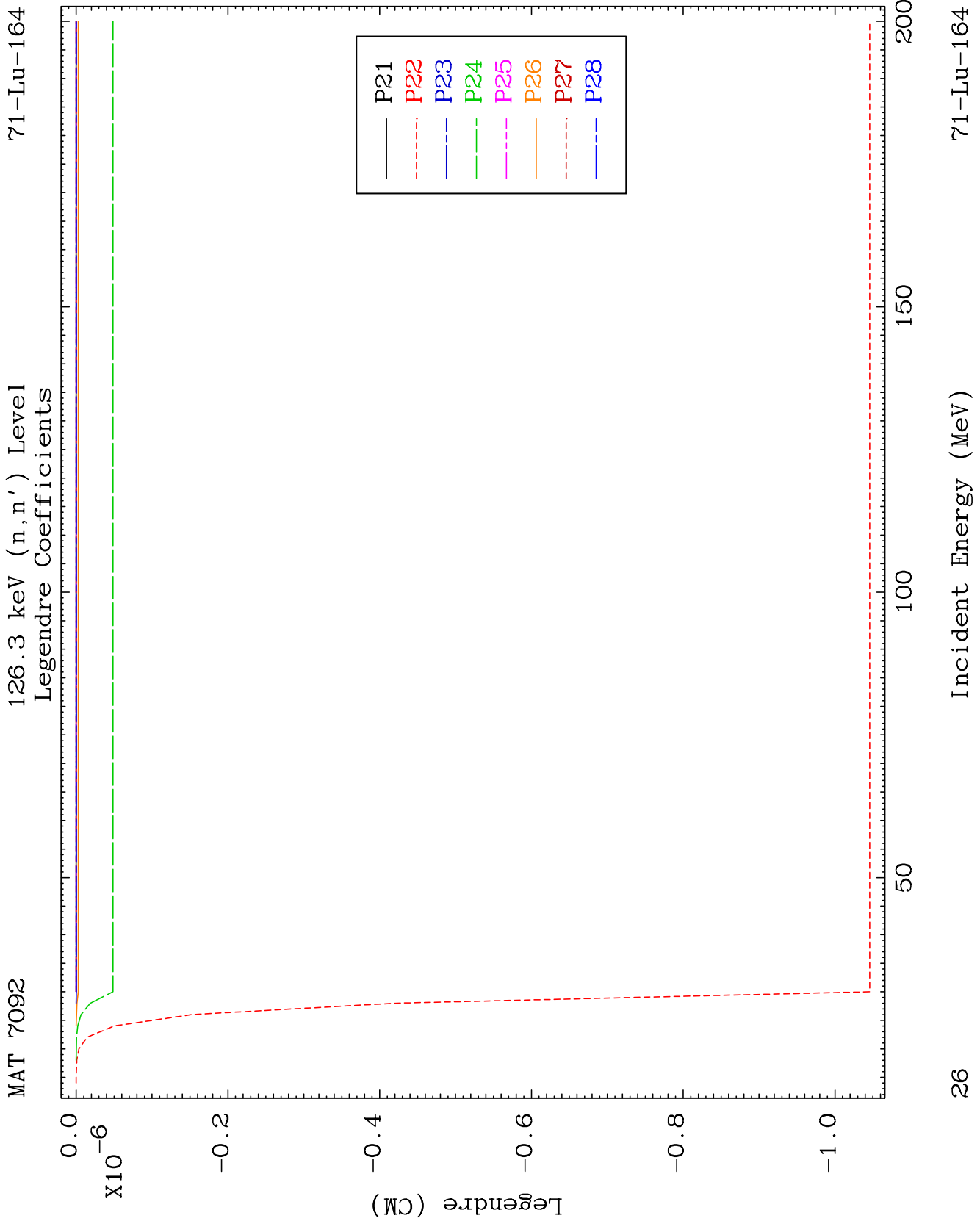








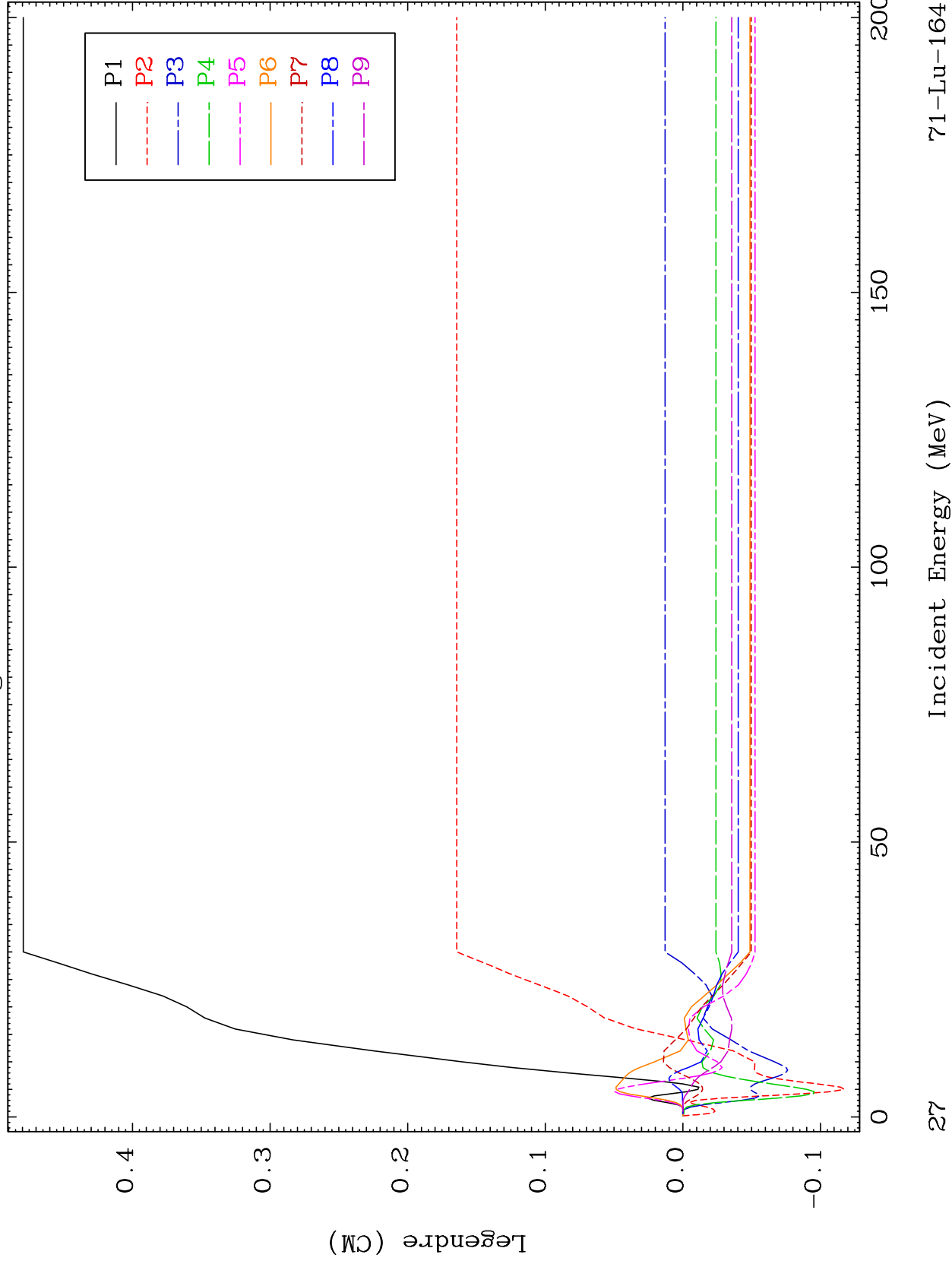




MAT 7092

153.3 keV (n, n') Level  
Legendre Coefficients

71-Lu-164



27

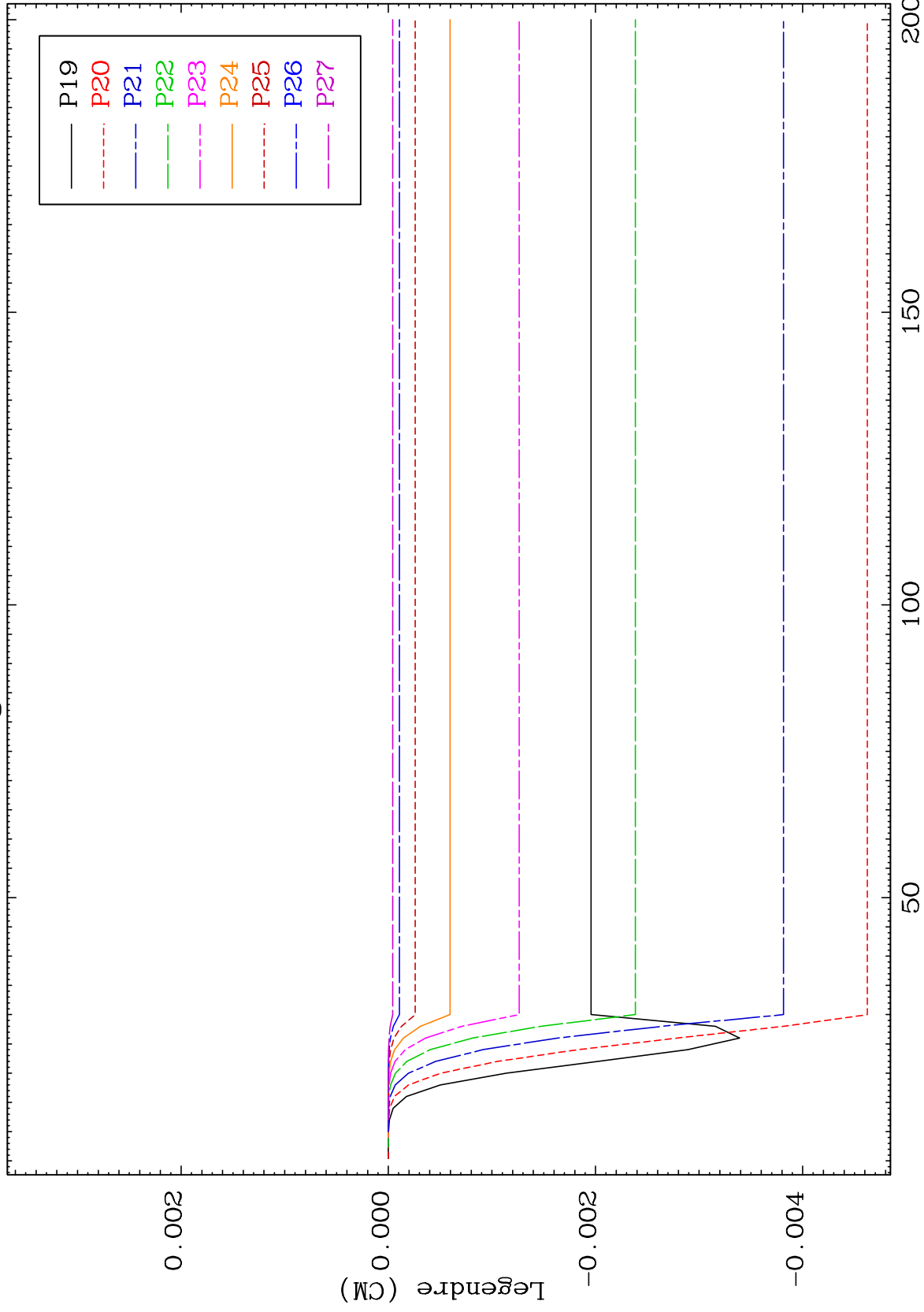
71-Lu-164



MAT 7092

153.3 keV (n, n') Level  
Legendre Coefficients

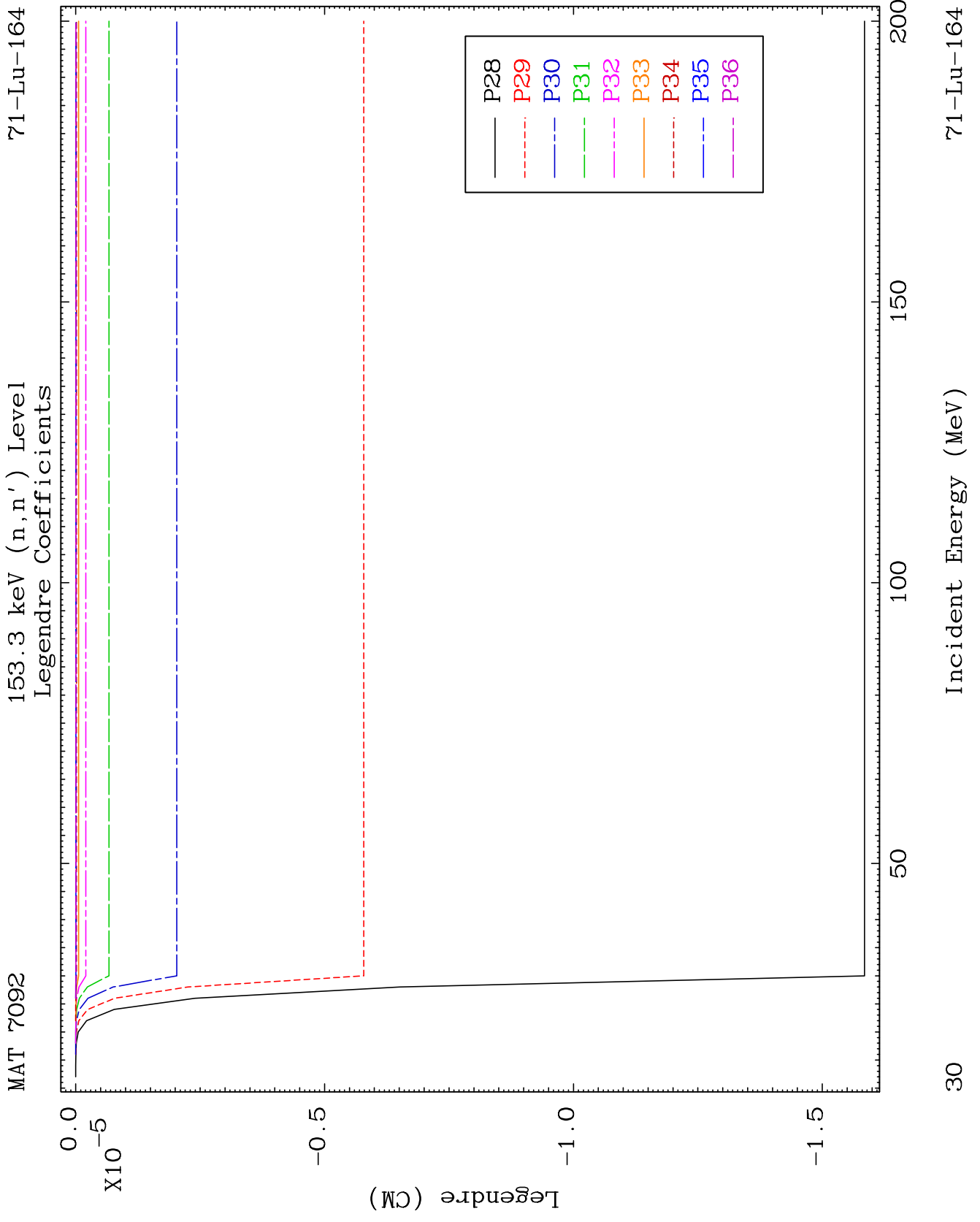
71-Lu-164



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Incident Energy (MeV)

71-Lu-164



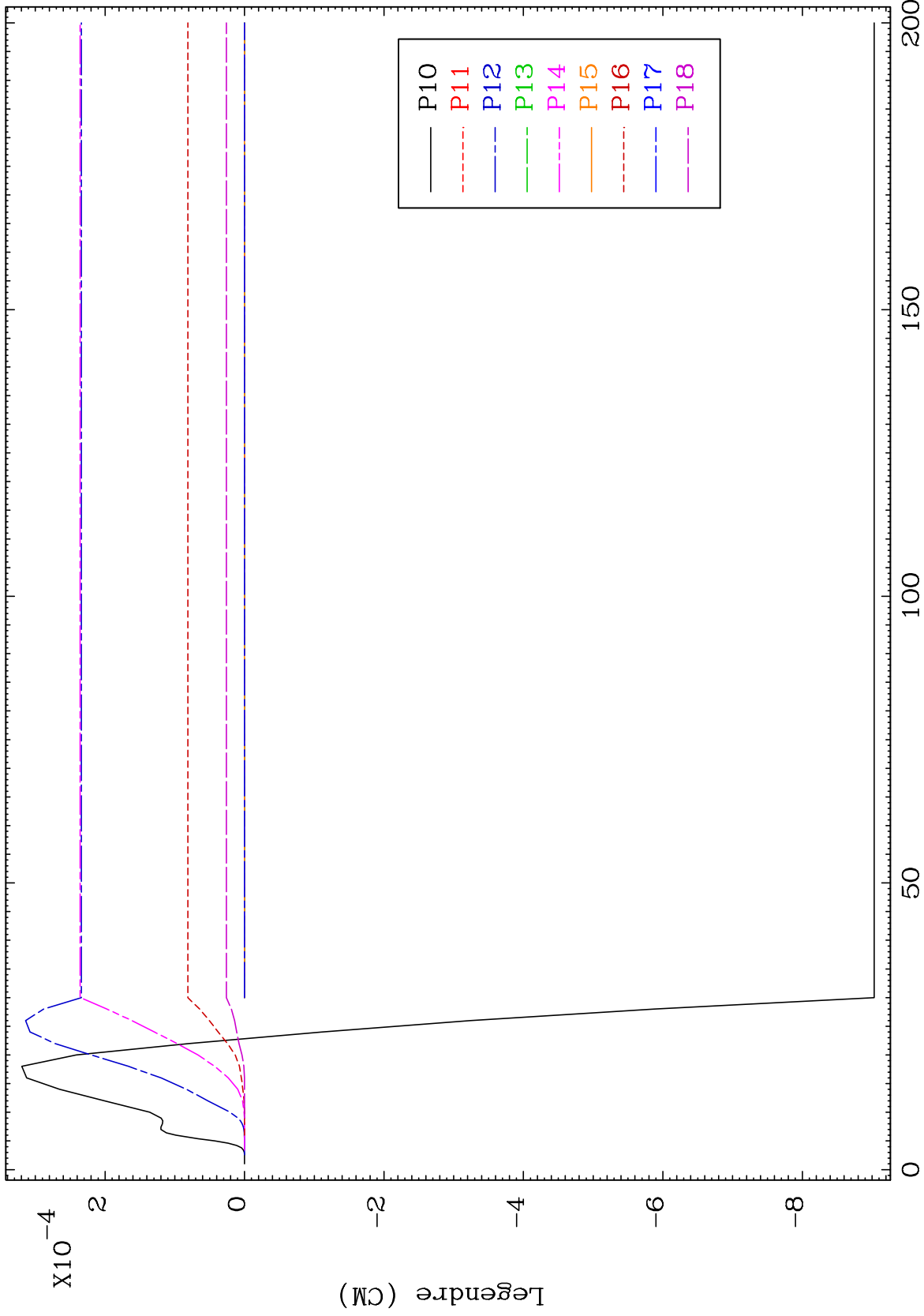




MAT 7092

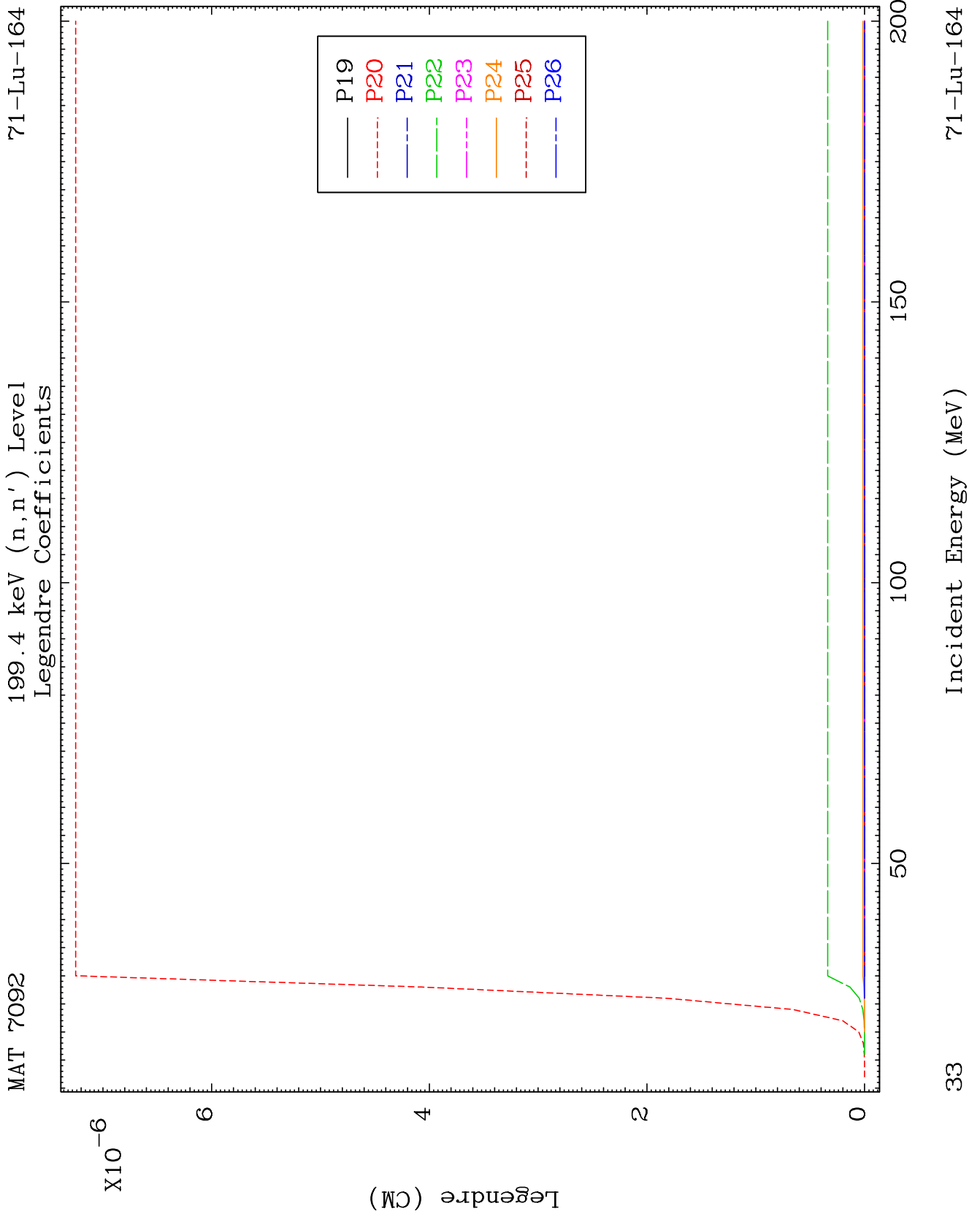
199.4 keV (n,n') Level  
Legendre Coefficients

71-Lu-164



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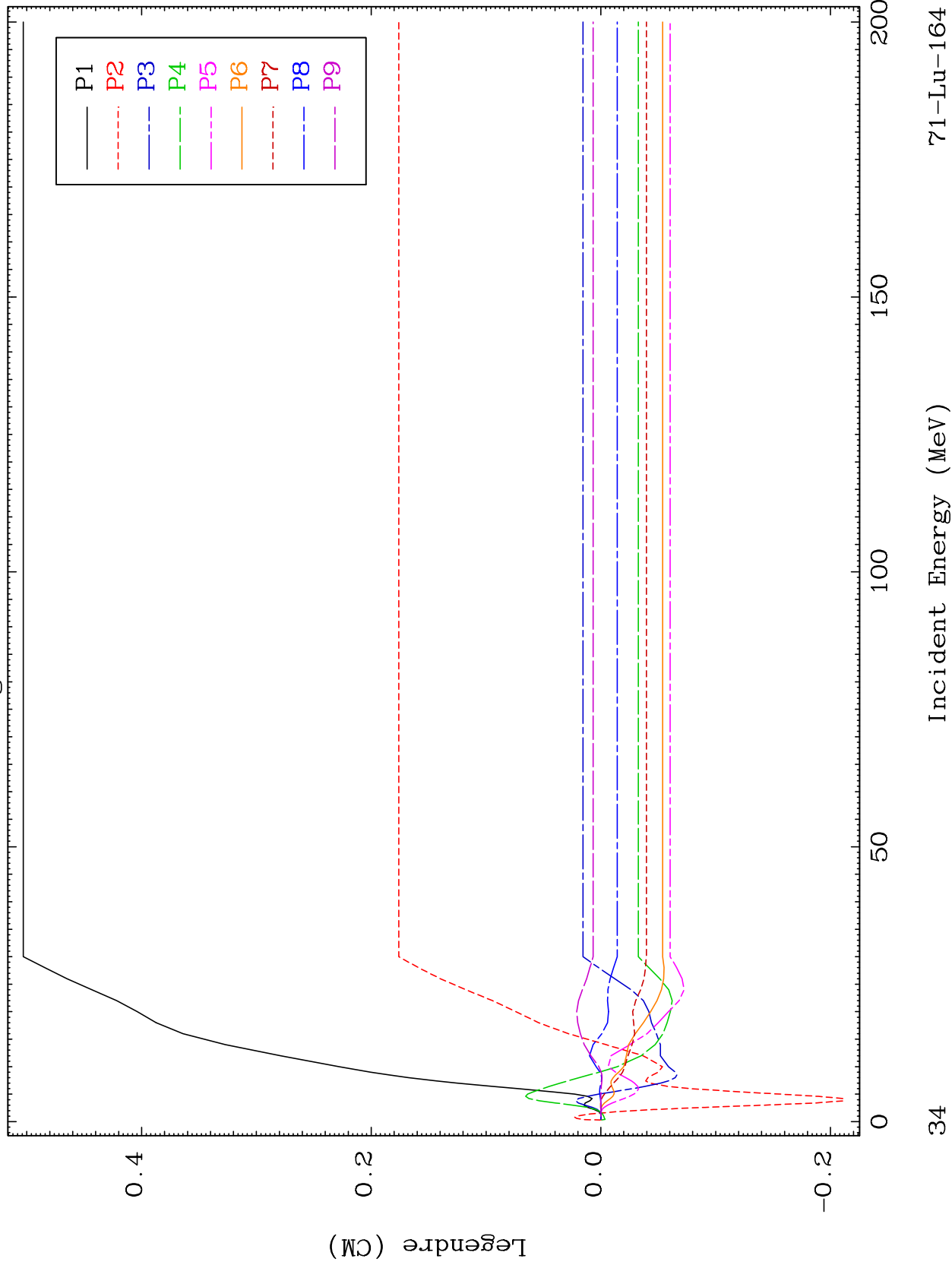
71-Lu-164



MAT 7092

283.4 keV (n,n') Level  
Legendre Coefficients

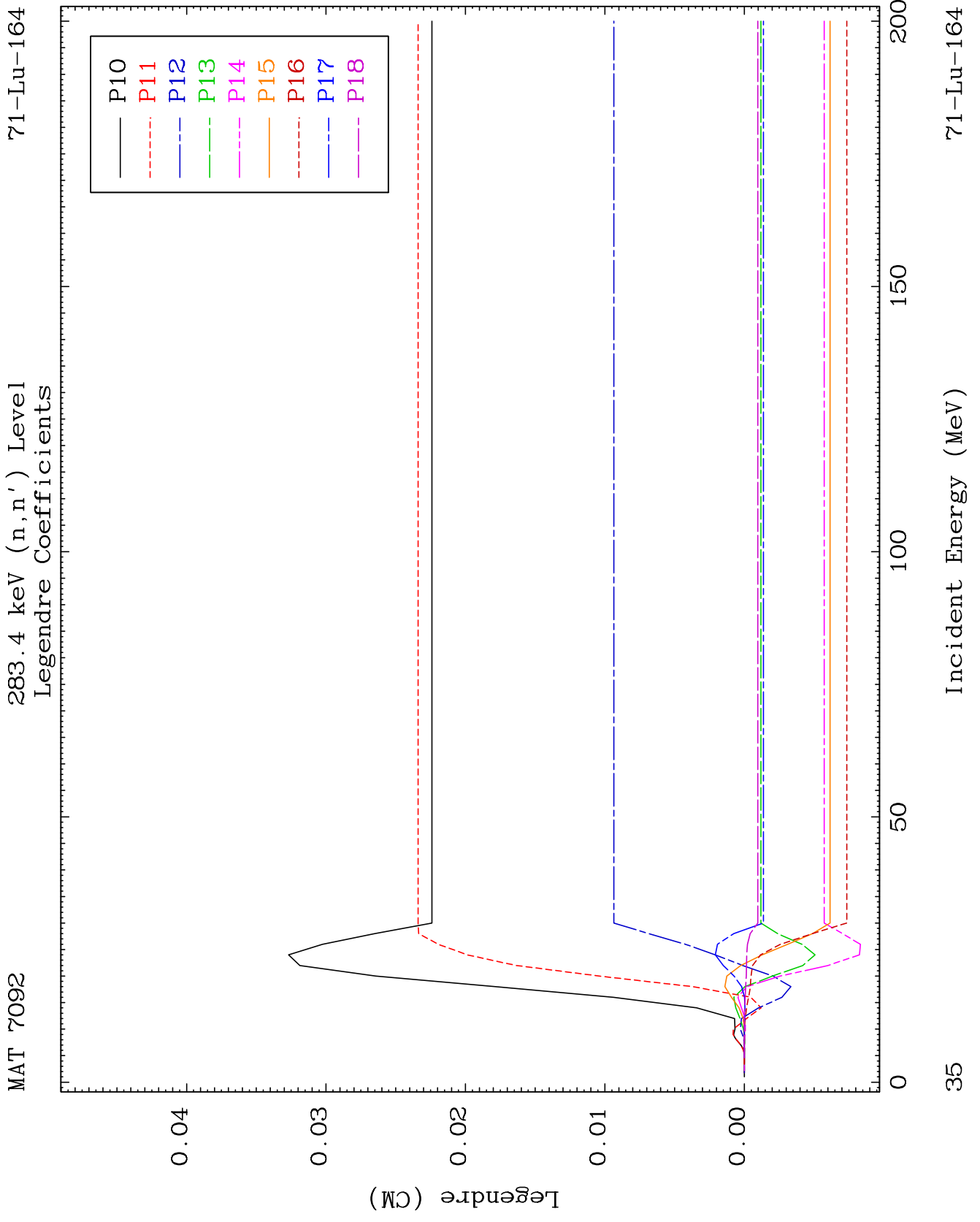
<sup>71</sup>Lu-164

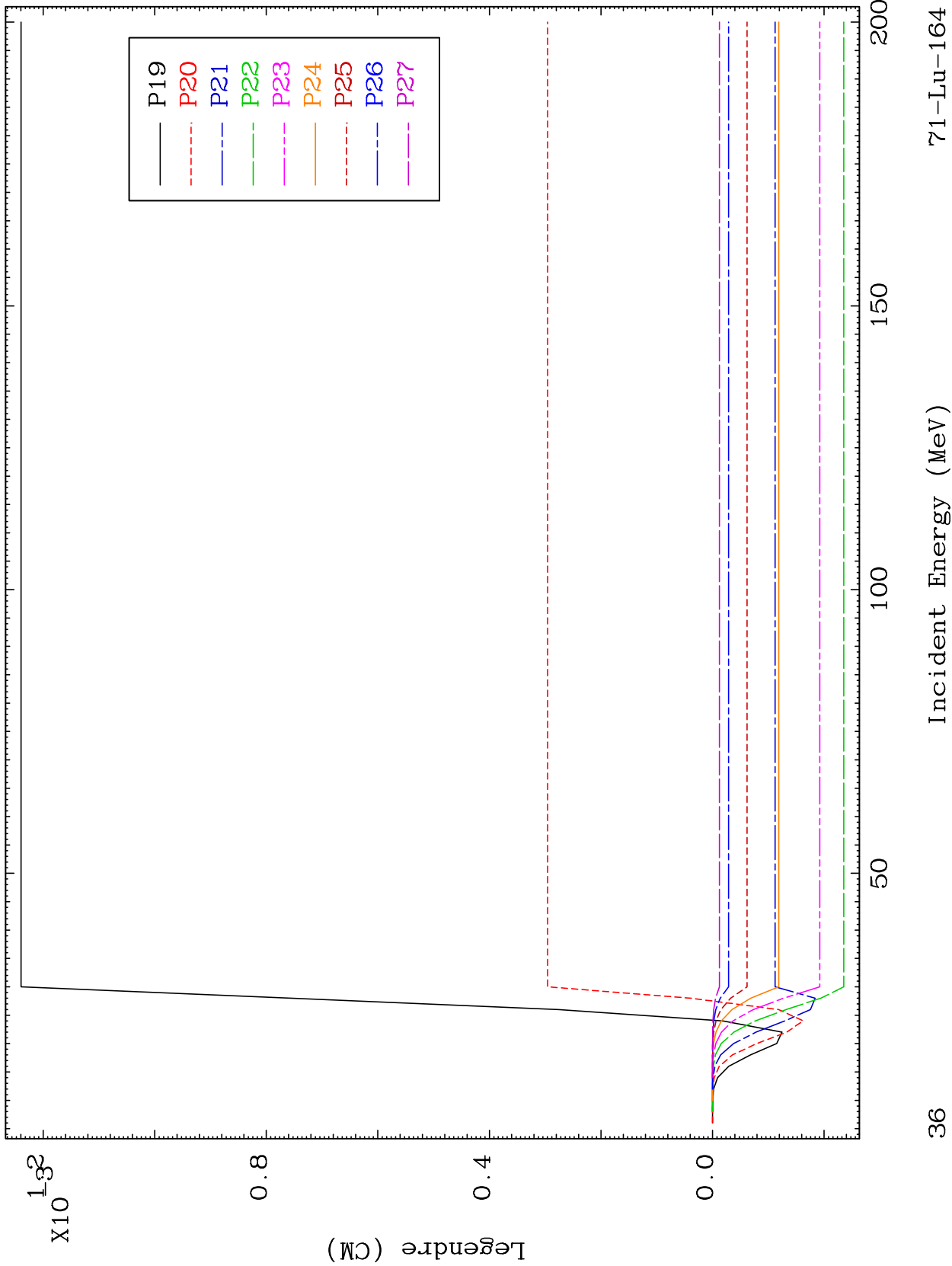


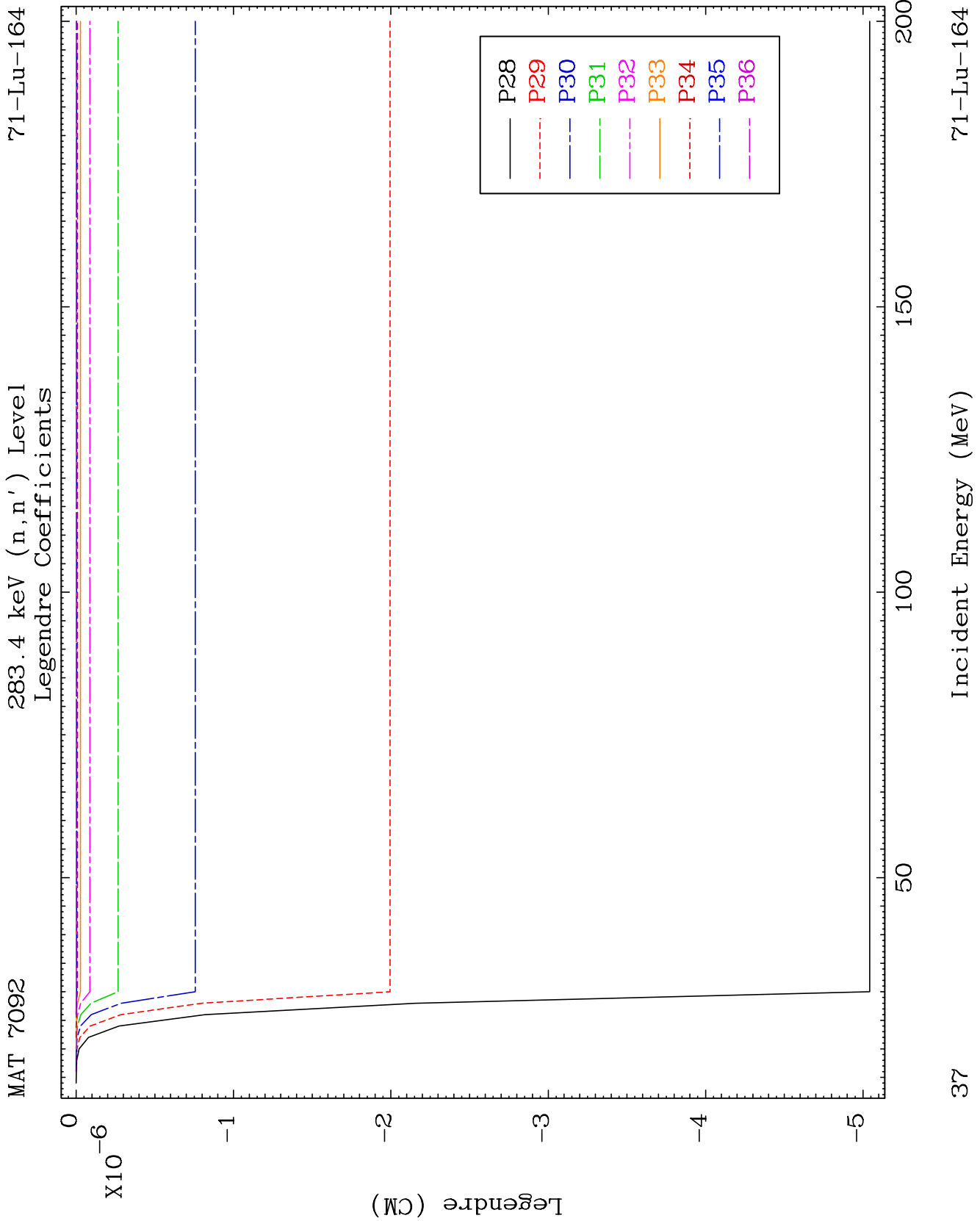
<sup>71</sup>Lu-164

Incident Energy (MeV)

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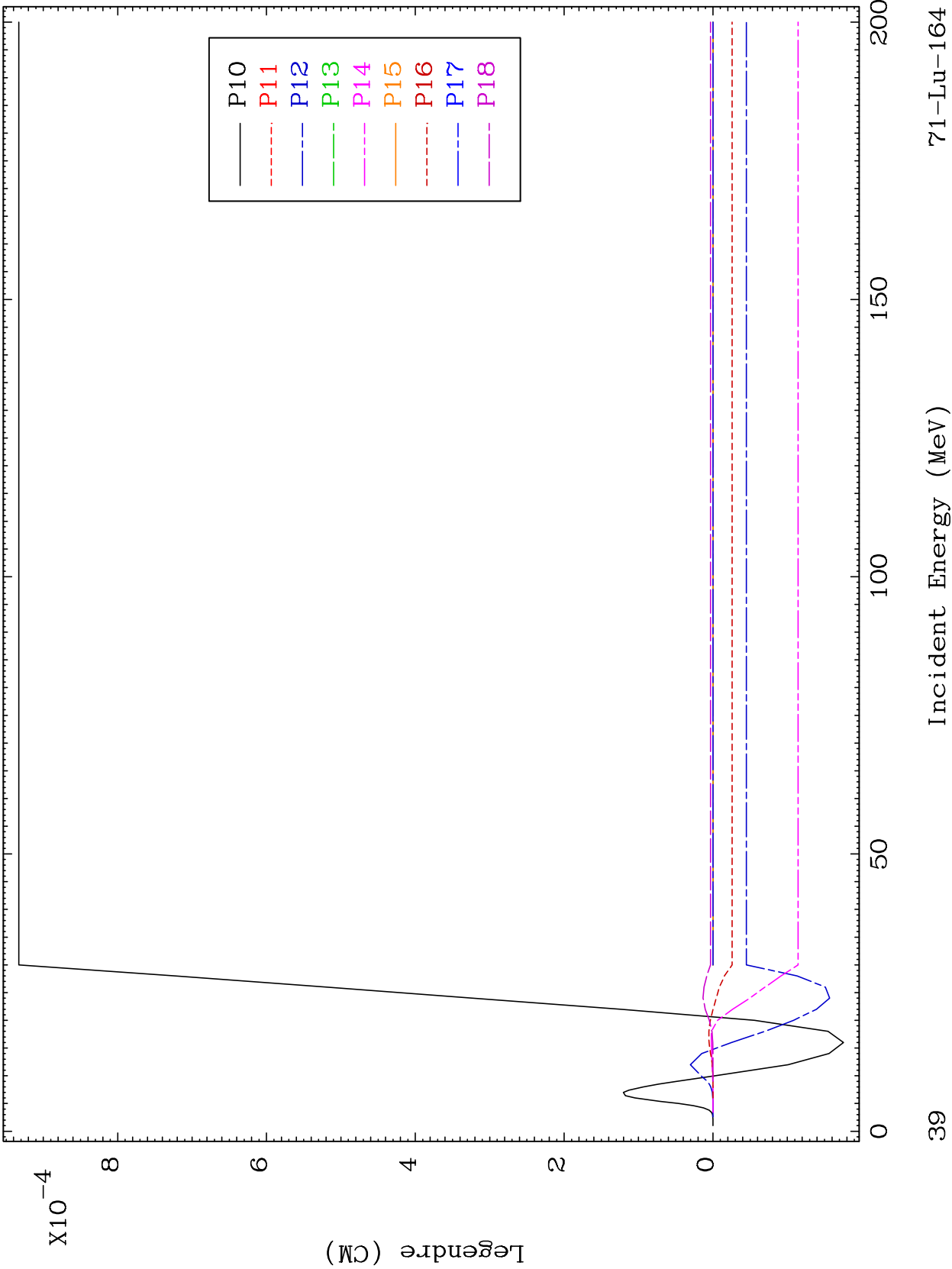




MAT 7092

597.2 keV (n,n') Level  
Legendre Coefficients

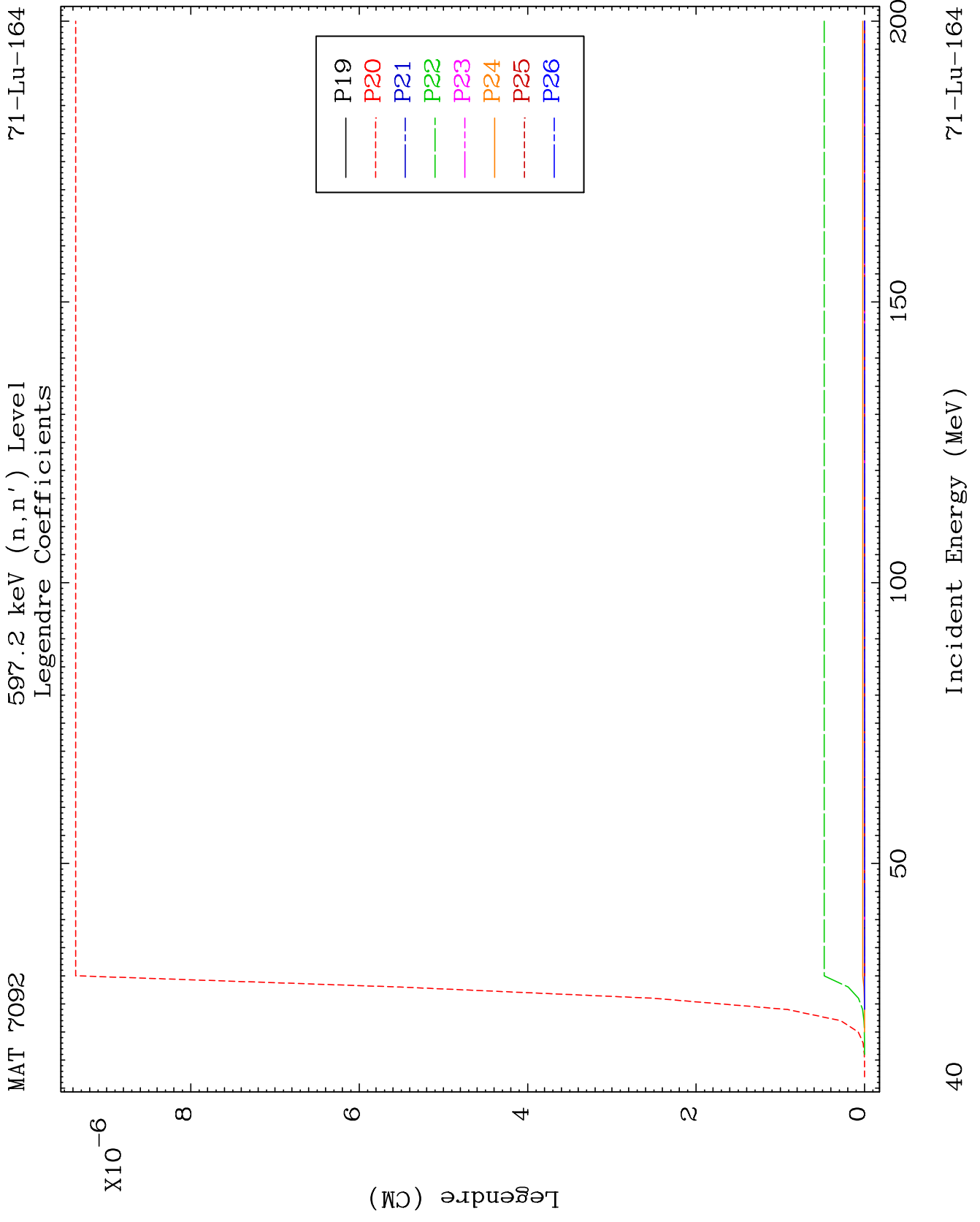
71-Lu-164



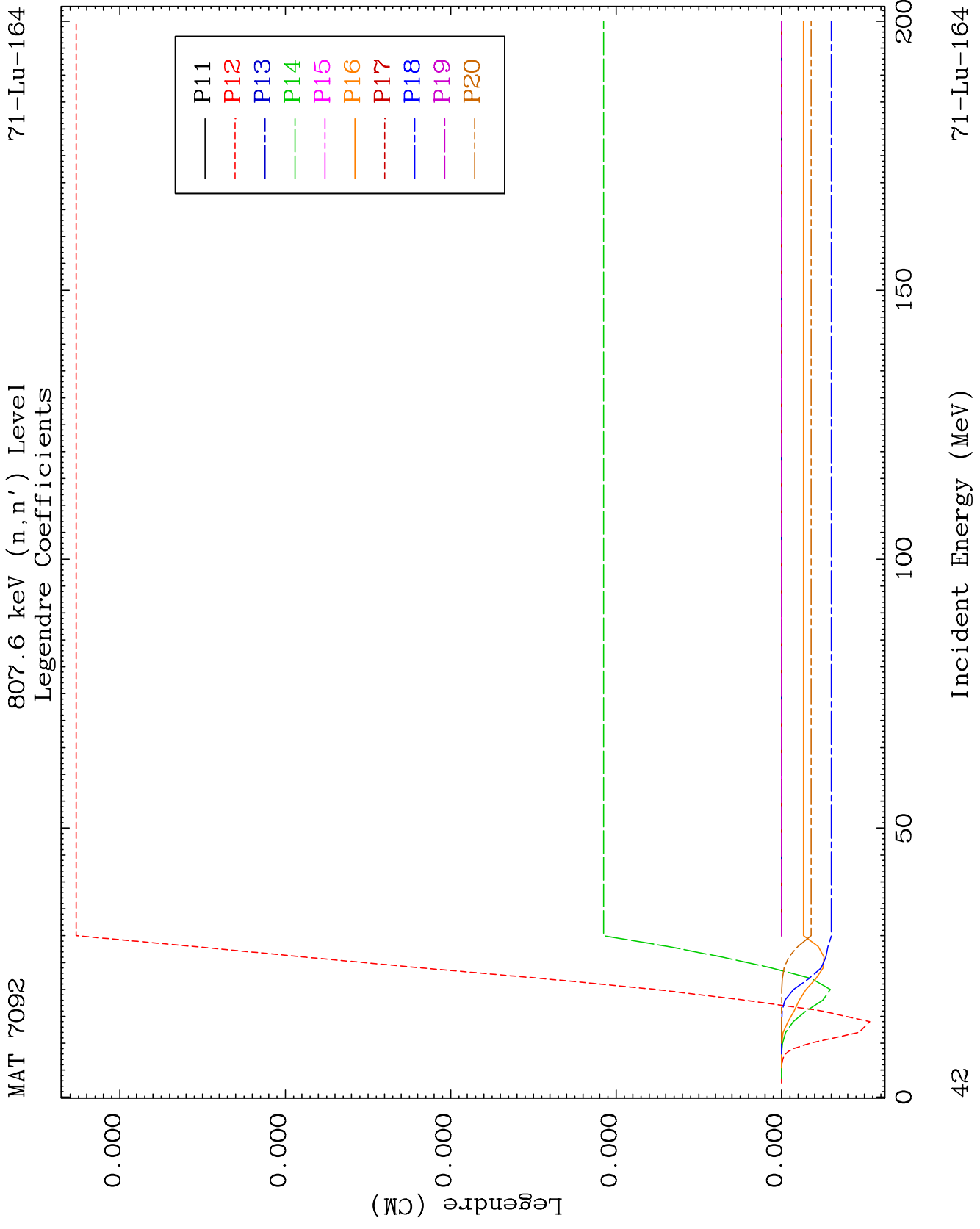
39

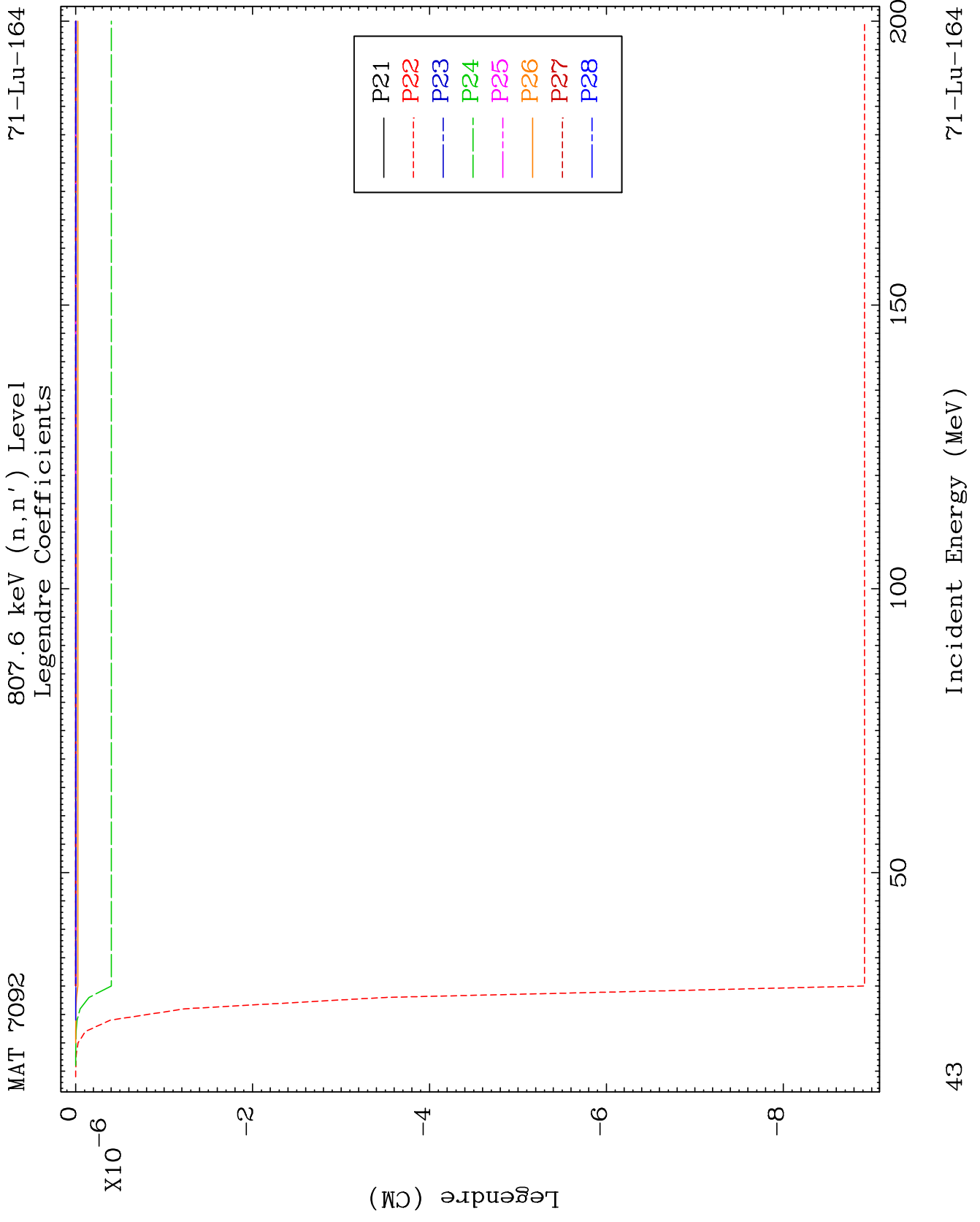
71-Lu-164







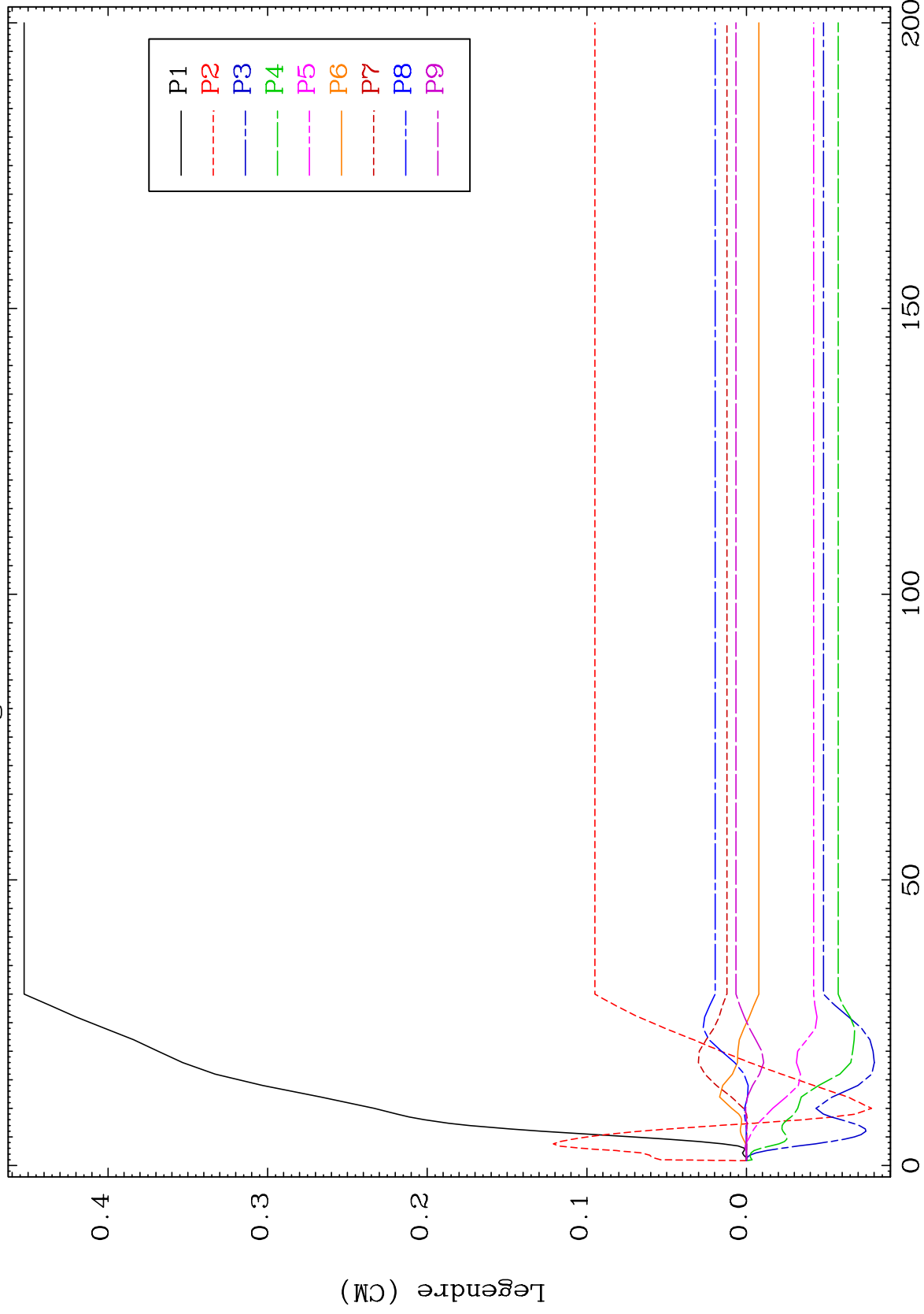




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827.4 keV (n,n') Level  
Legendre Coefficients

71-Lu-164



44

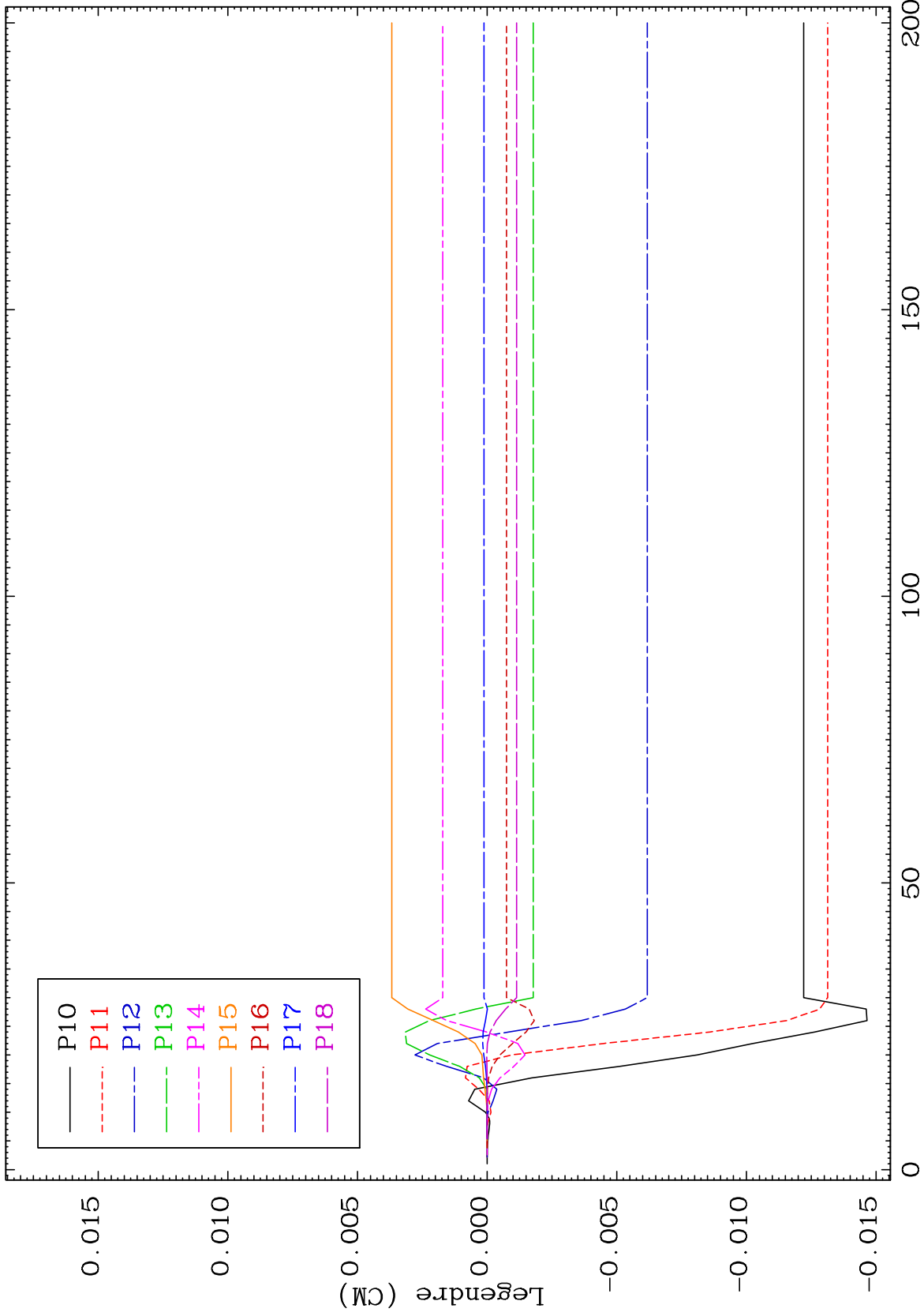
Incident Energy (MeV)

71-Lu-164

MAT 7092

827.4 keV (n,n') Level  
Legendre Coefficients

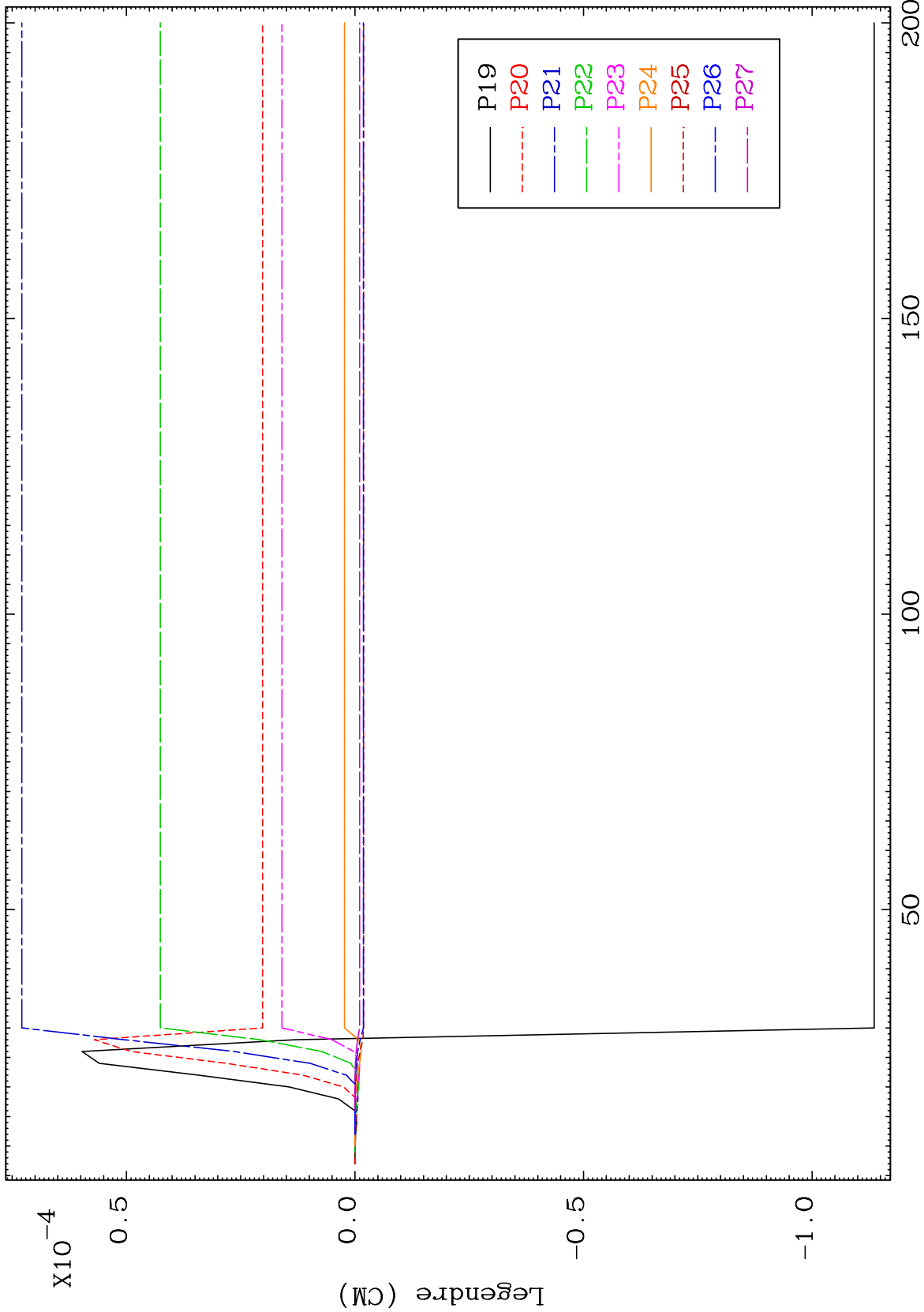
71-Lu-164

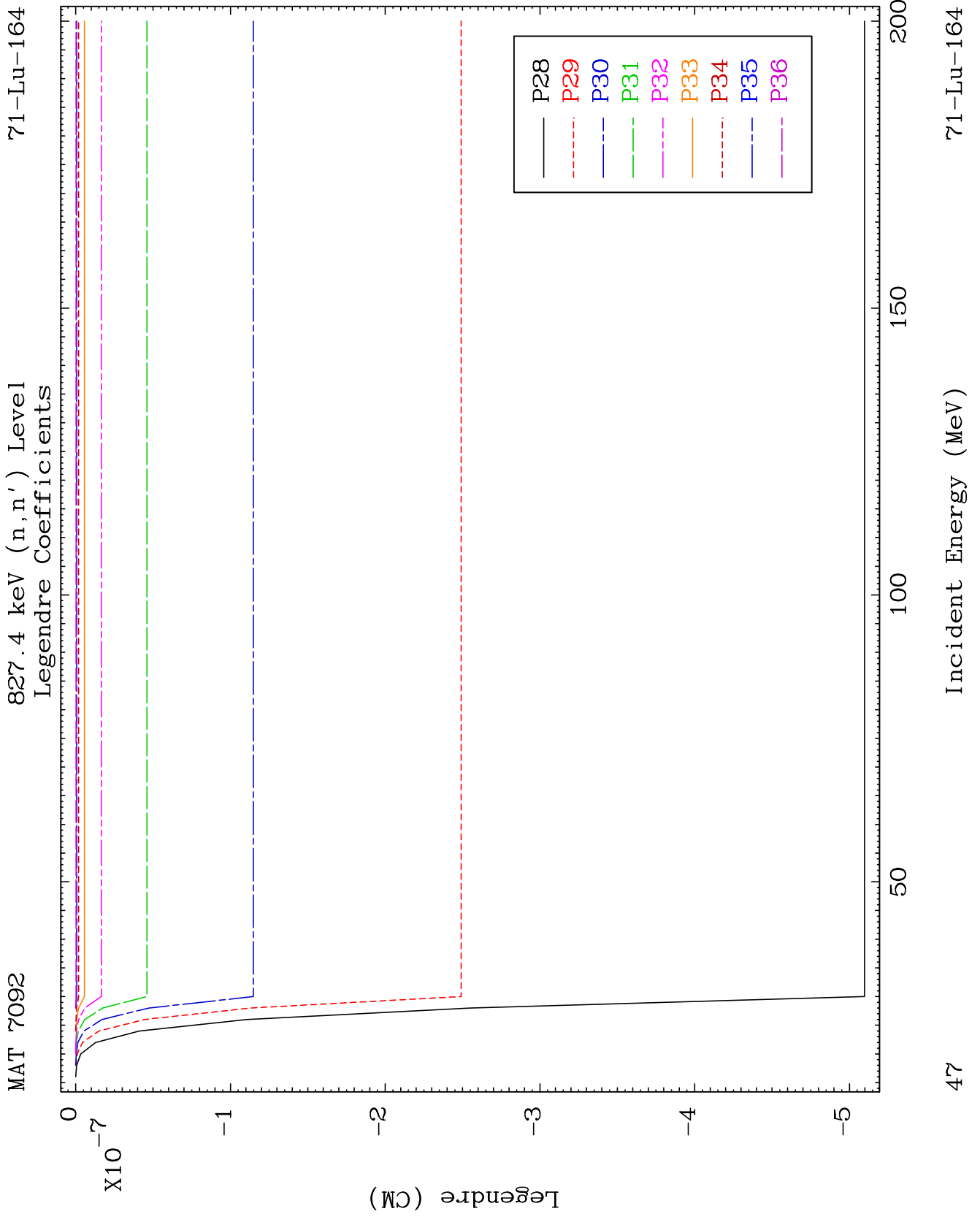


45

Incident Energy (MeV)

71-Lu-164





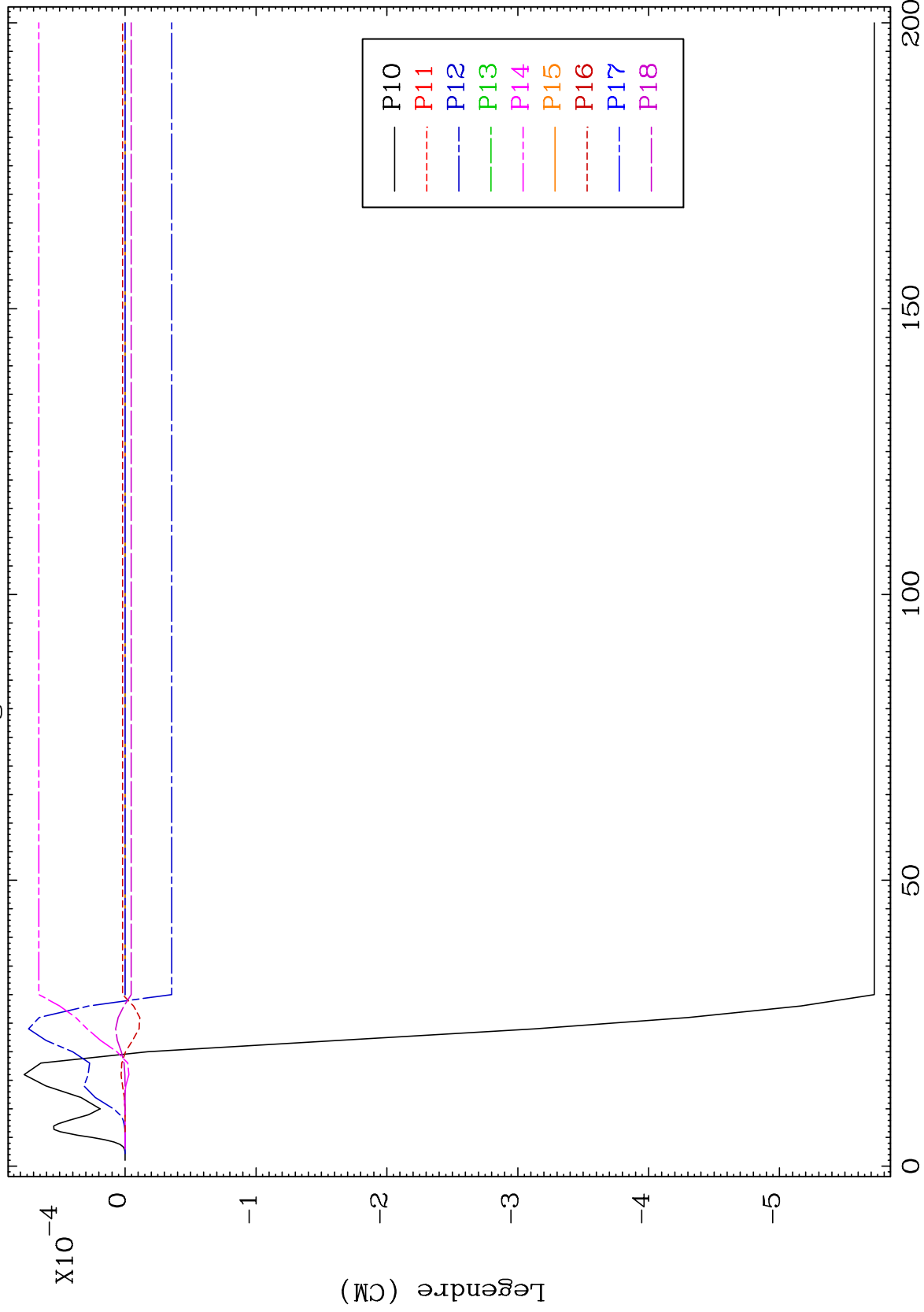




MAT 7092

828.8 keV (n,n') Level  
Legendre Coefficients

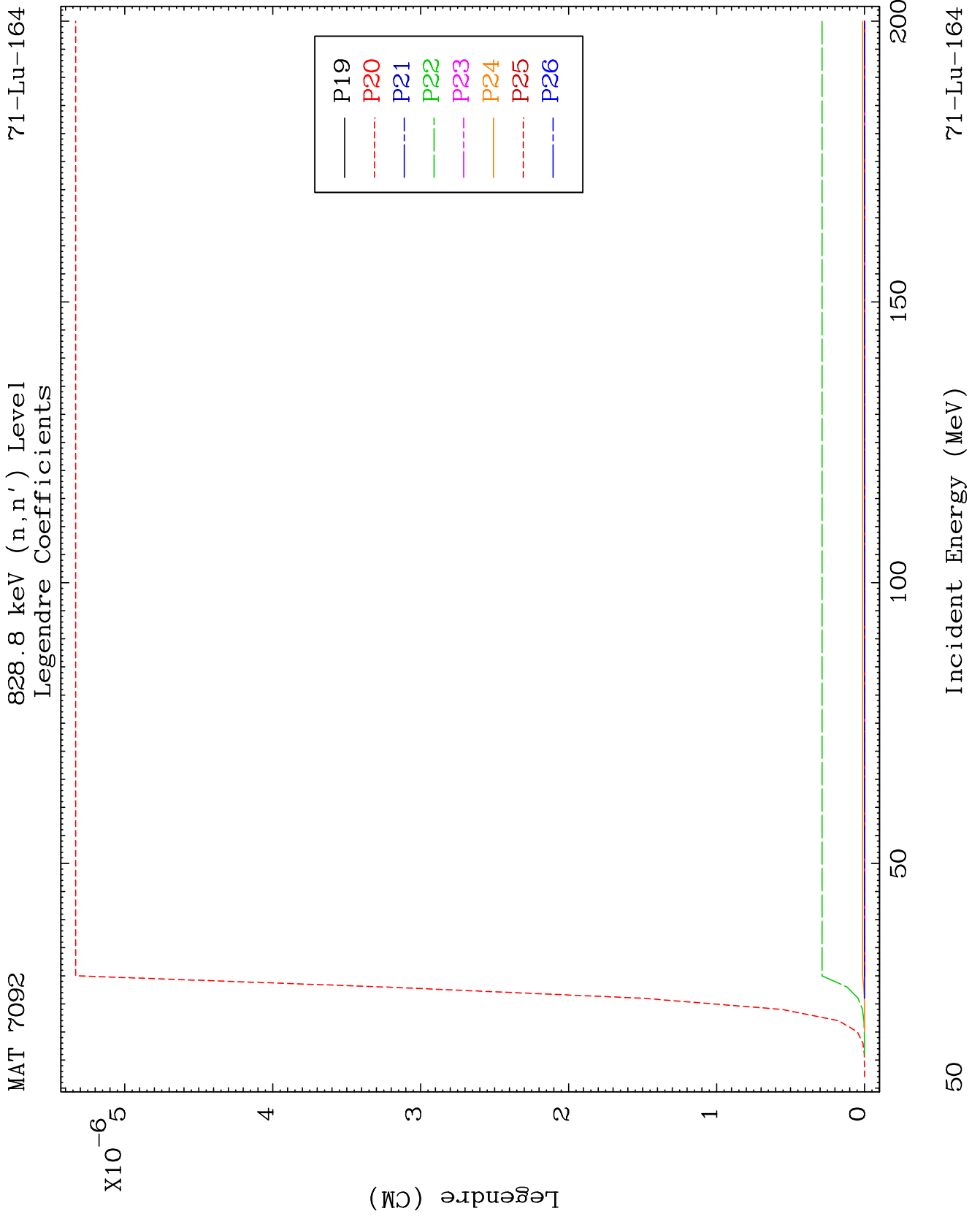
71-Lu-164



49

Incident Energy (MeV)

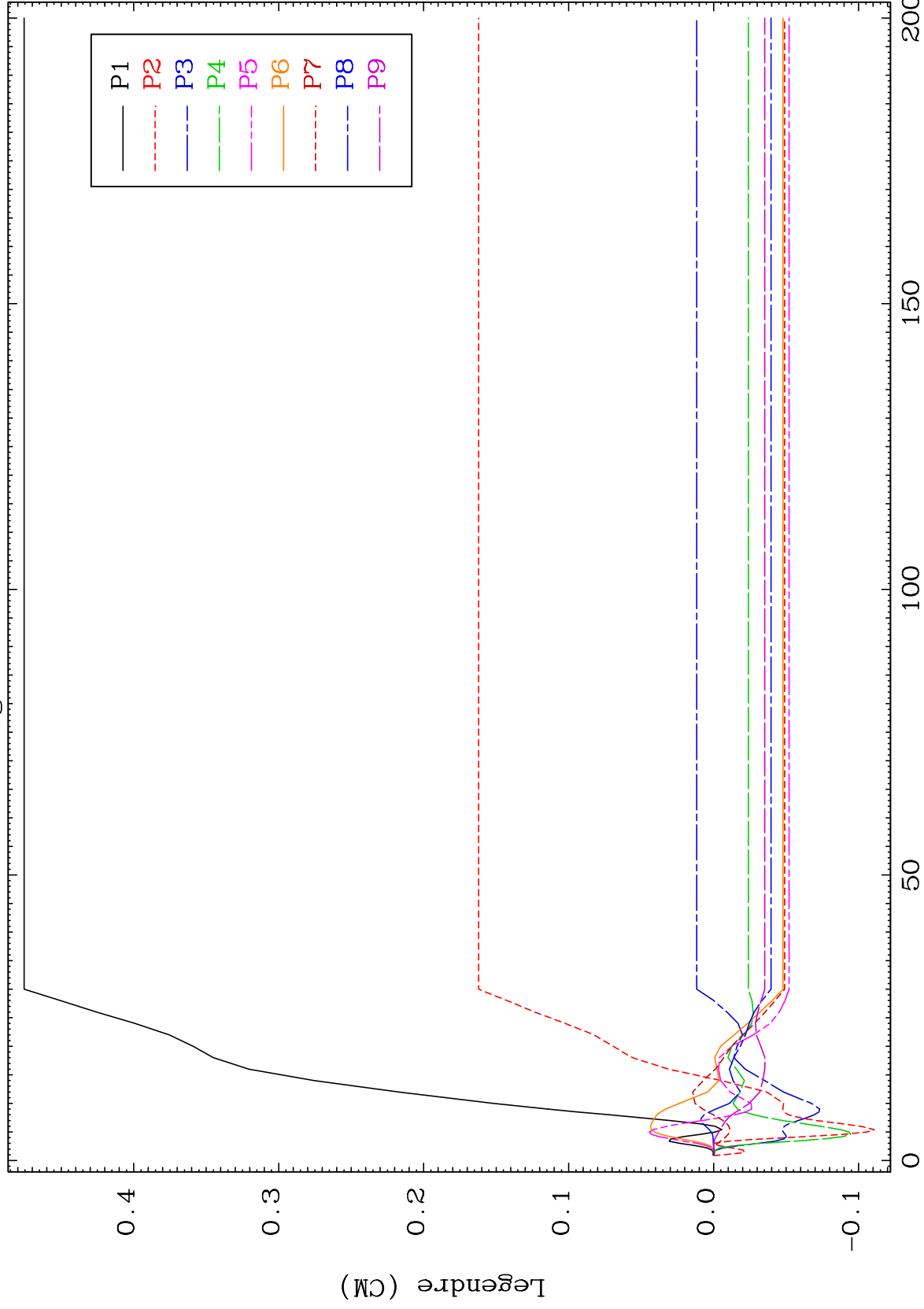
71-Lu-164



MAT 7092

830.0 keV (n,n') Level  
Legendre Coefficients

71-Lu-164



51

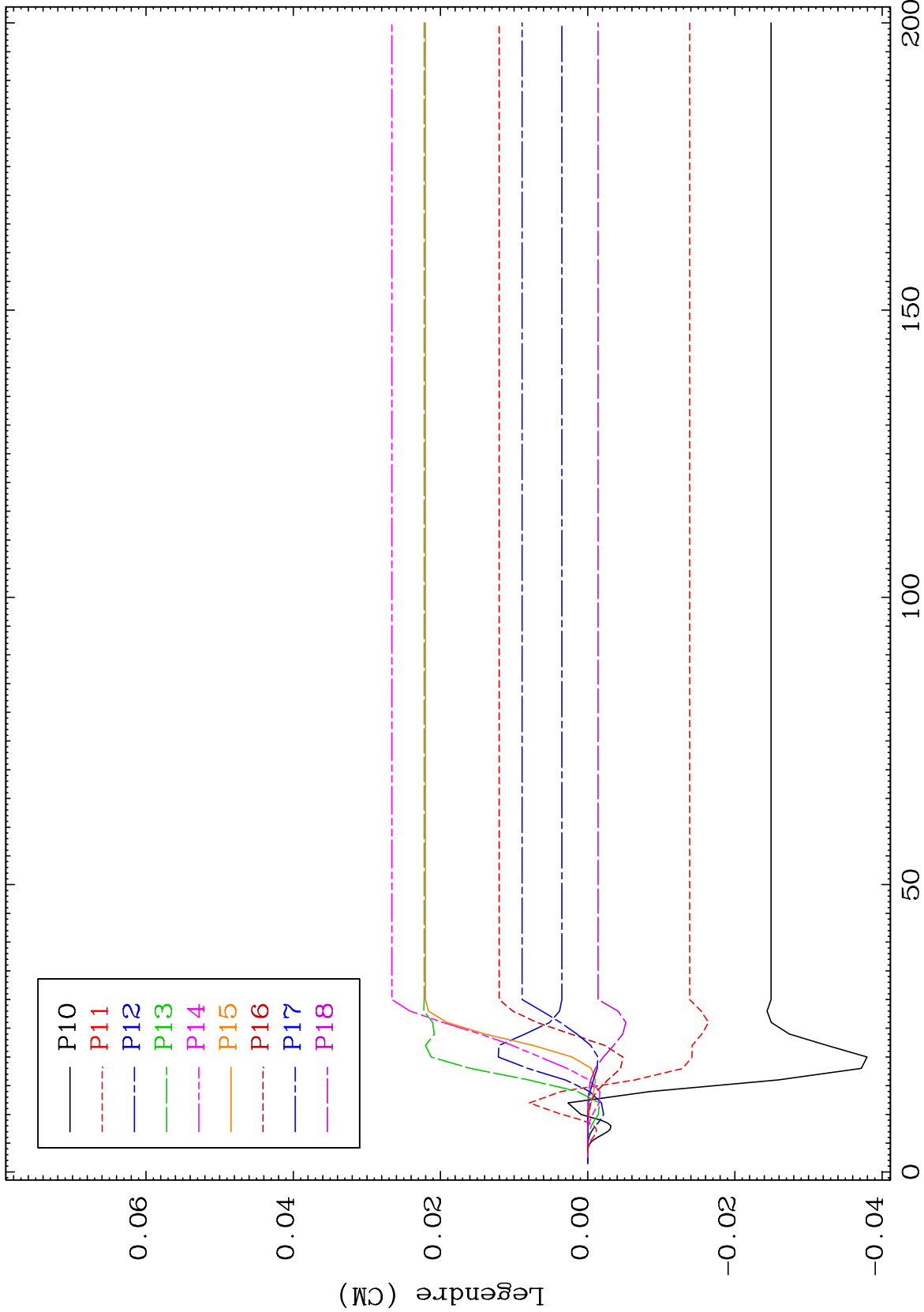
Incident Energy (MeV)

71-Lu-164

MAT 7092

830.0 keV (n,n') Level  
Legendre Coefficients

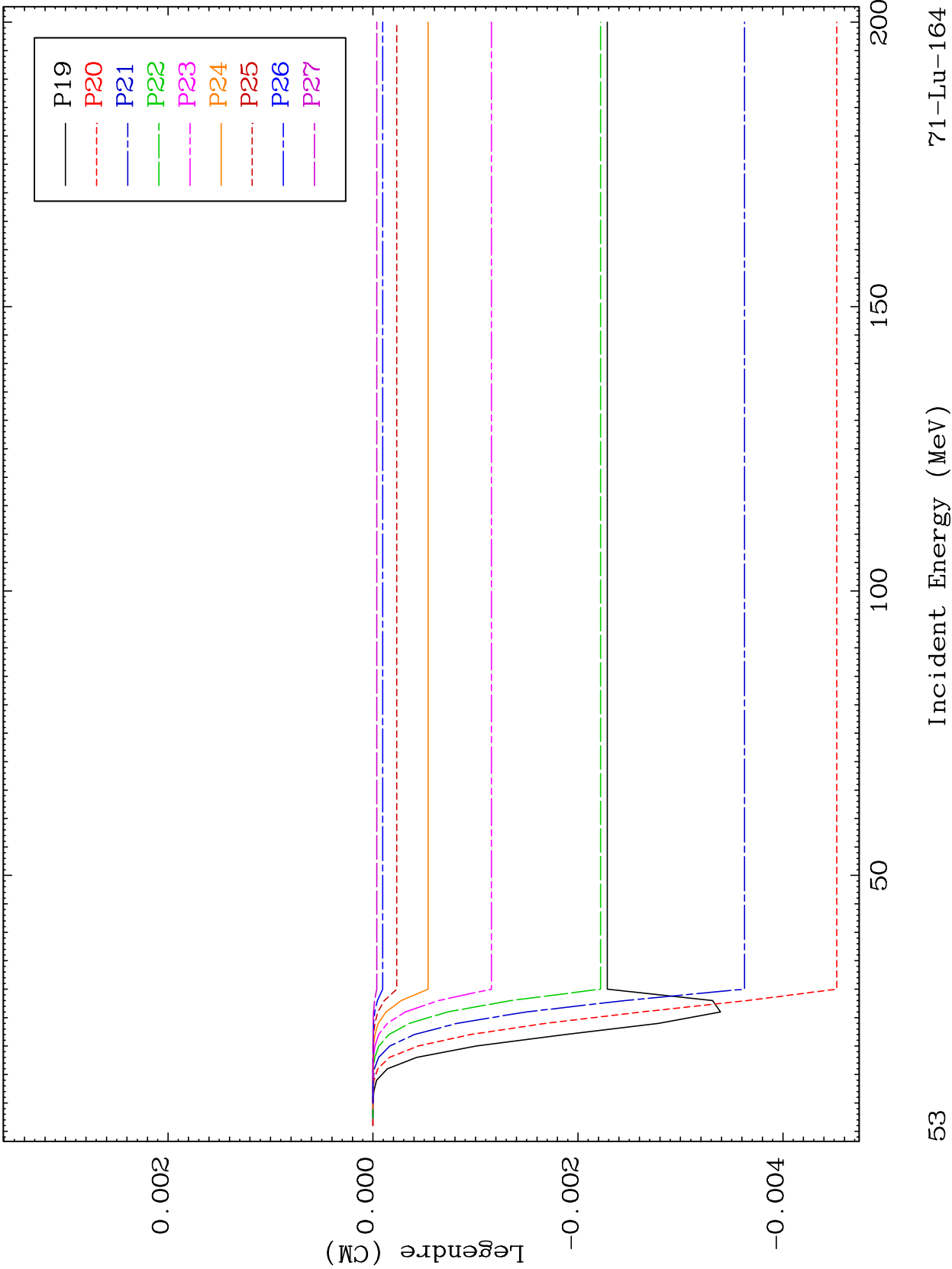
71-Lu-164

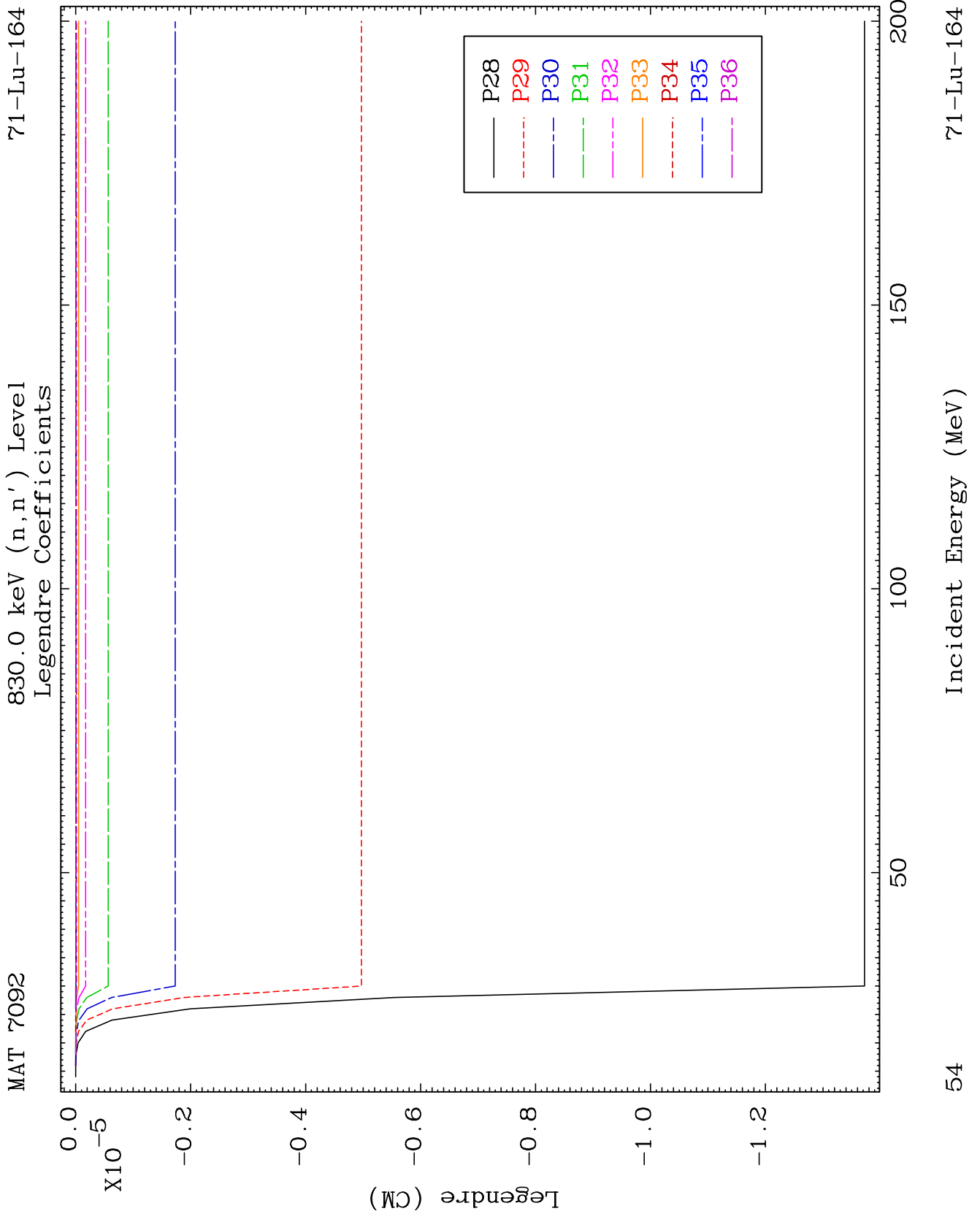


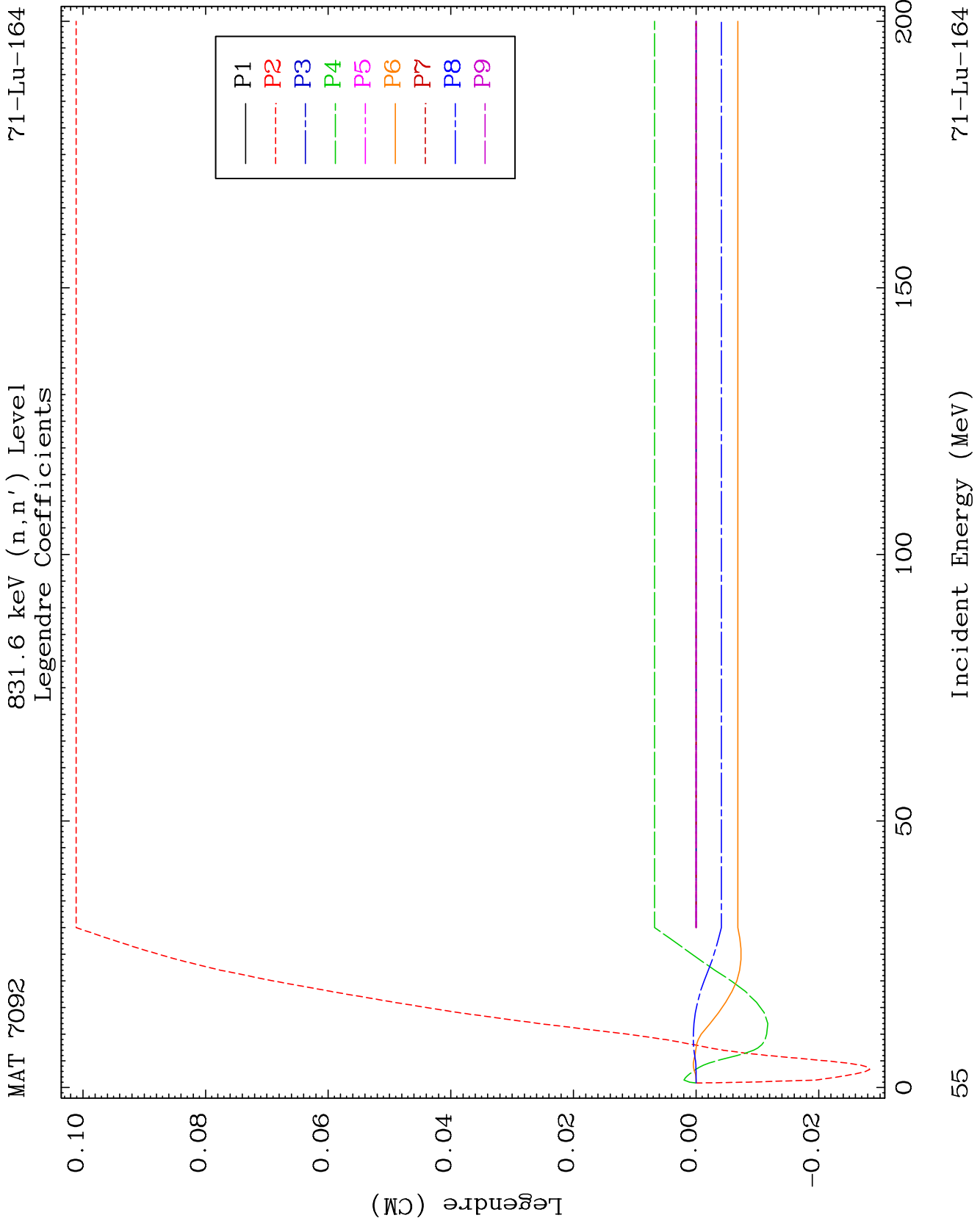
52

Incident Energy (MeV)

71-Lu-164





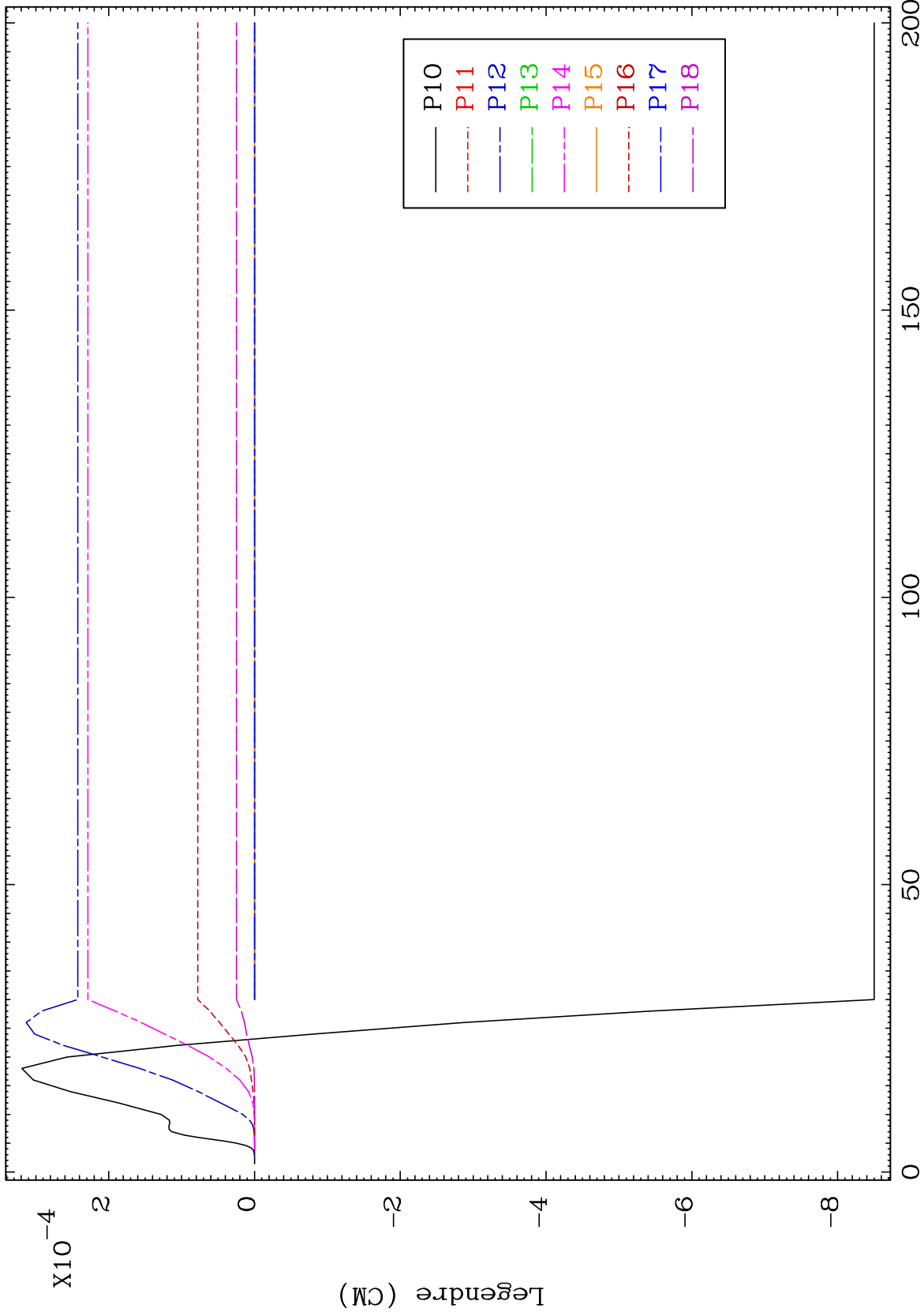




MAT 7092

831.6 keV (n,n') Level  
Legendre Coefficients

71-Lu-164

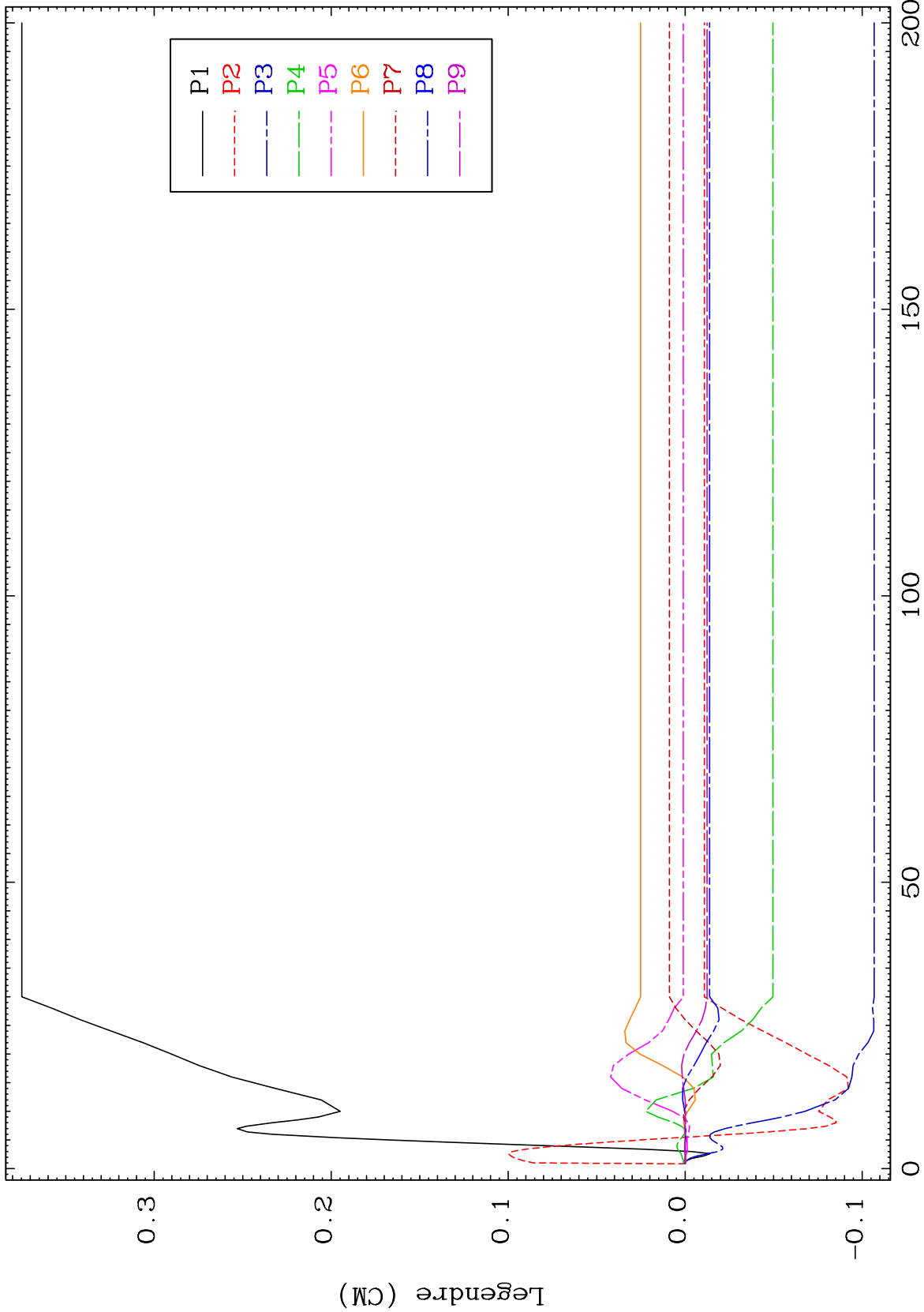


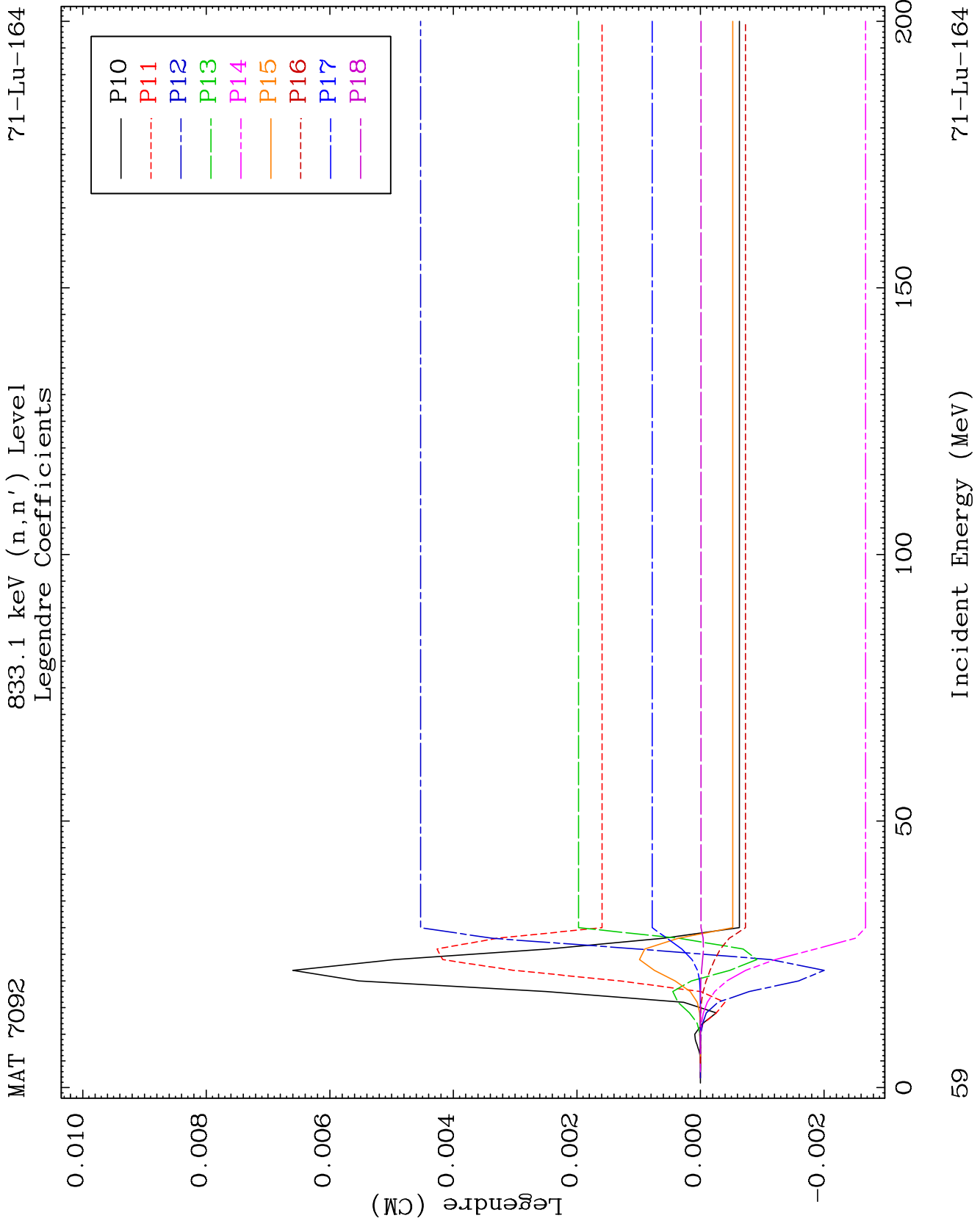
56

Incident Energy (MeV)

71-Lu-164



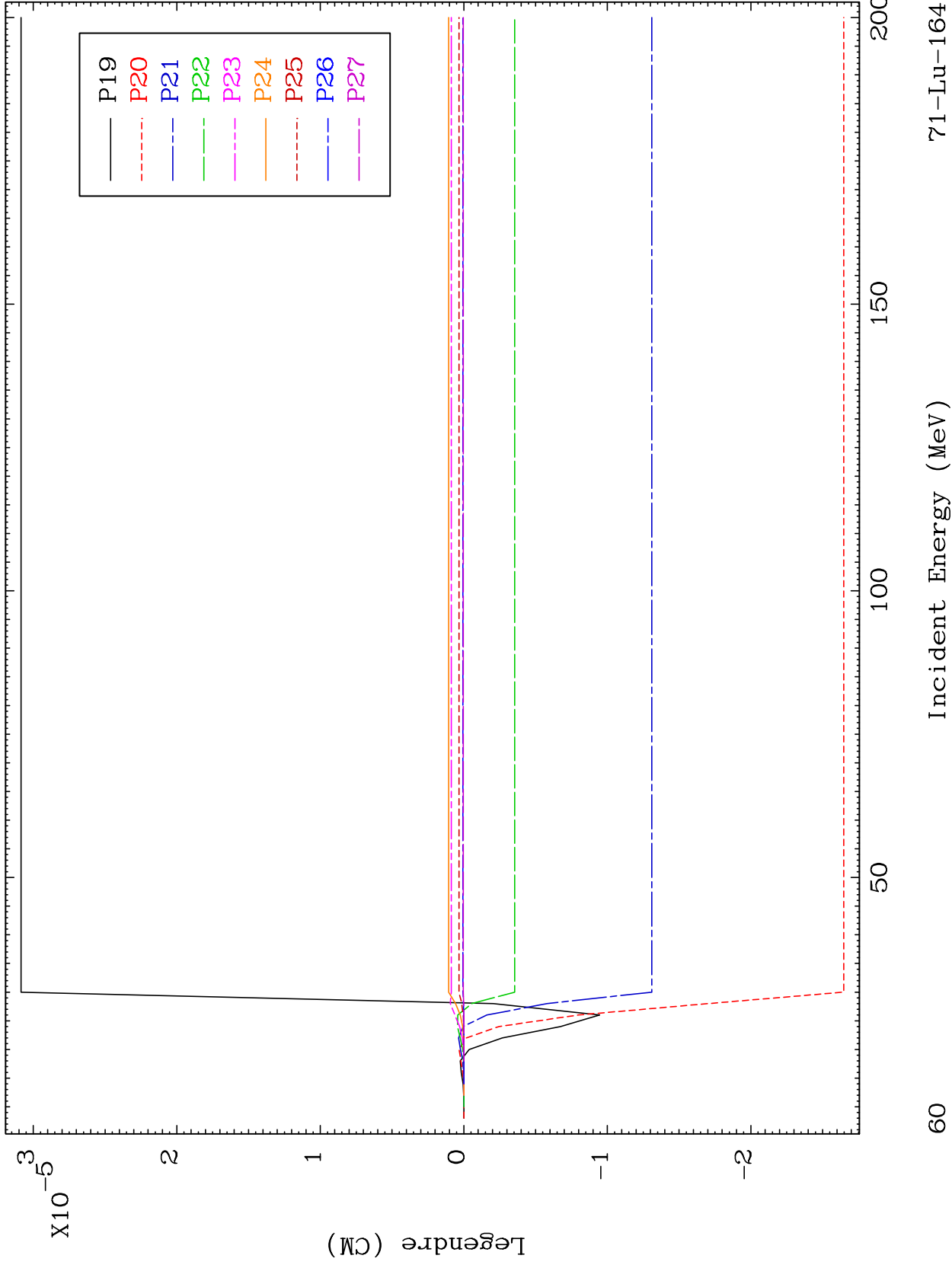




MAT 7092

833.1 keV (n,n') Level  
Legendre Coefficients

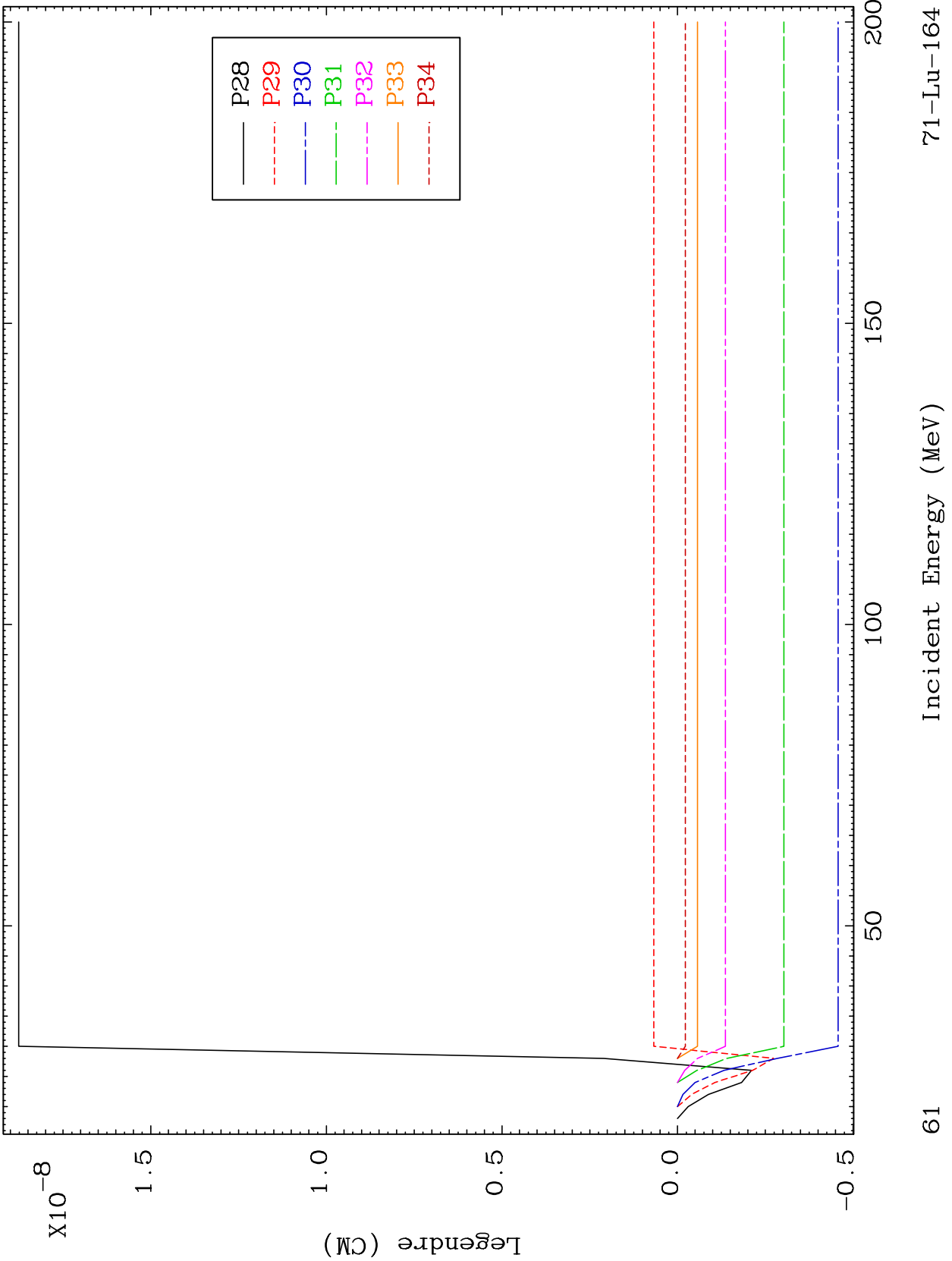
71-Lu-164



MAT 7092

833.1 keV (n,n') Level  
Legendre Coefficients

71-Lu-164



61

Incident Energy (MeV)

71-Lu-164



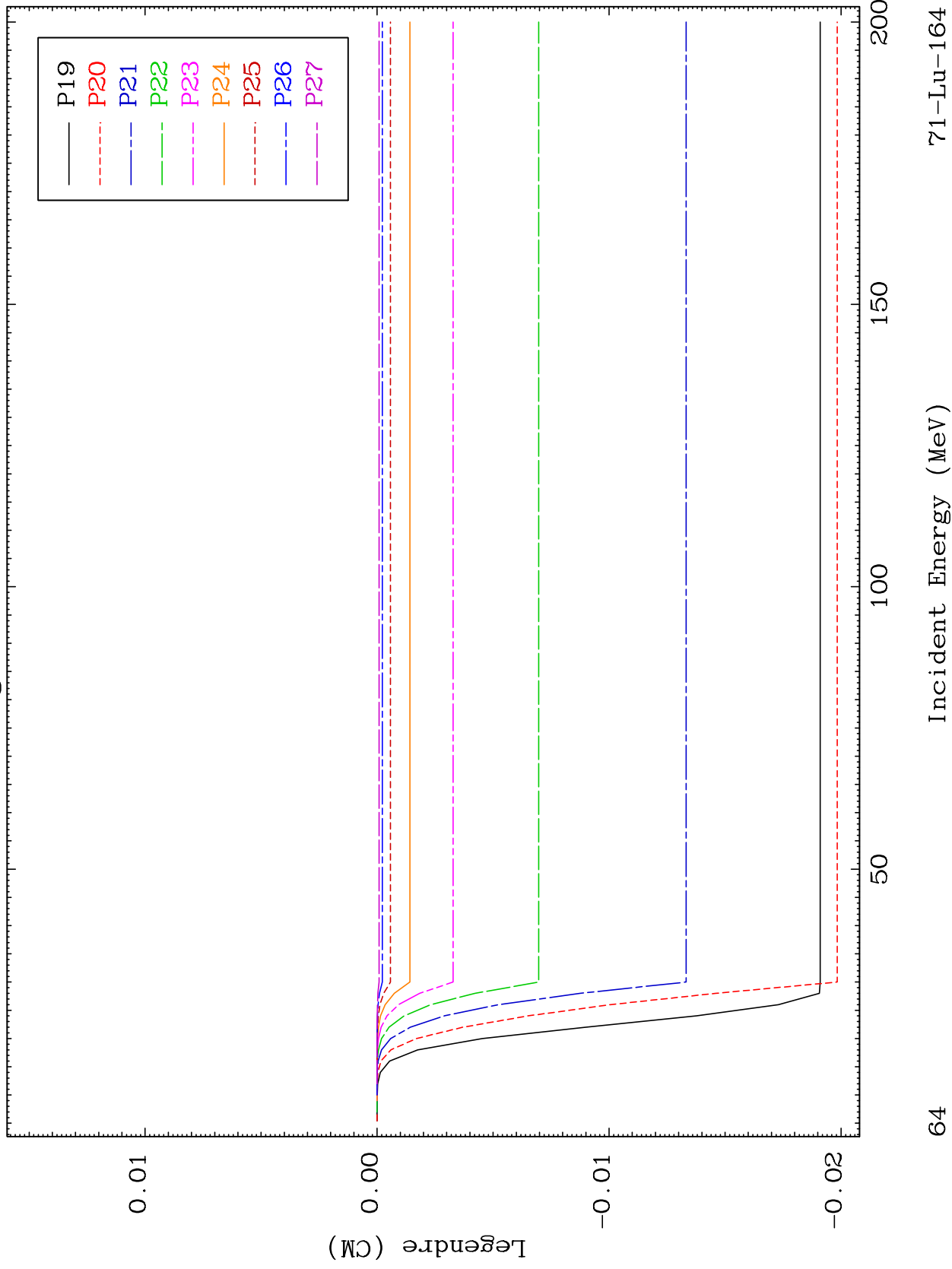




MAT 7092

833.7 keV (n,n') Level  
Legendre Coefficients

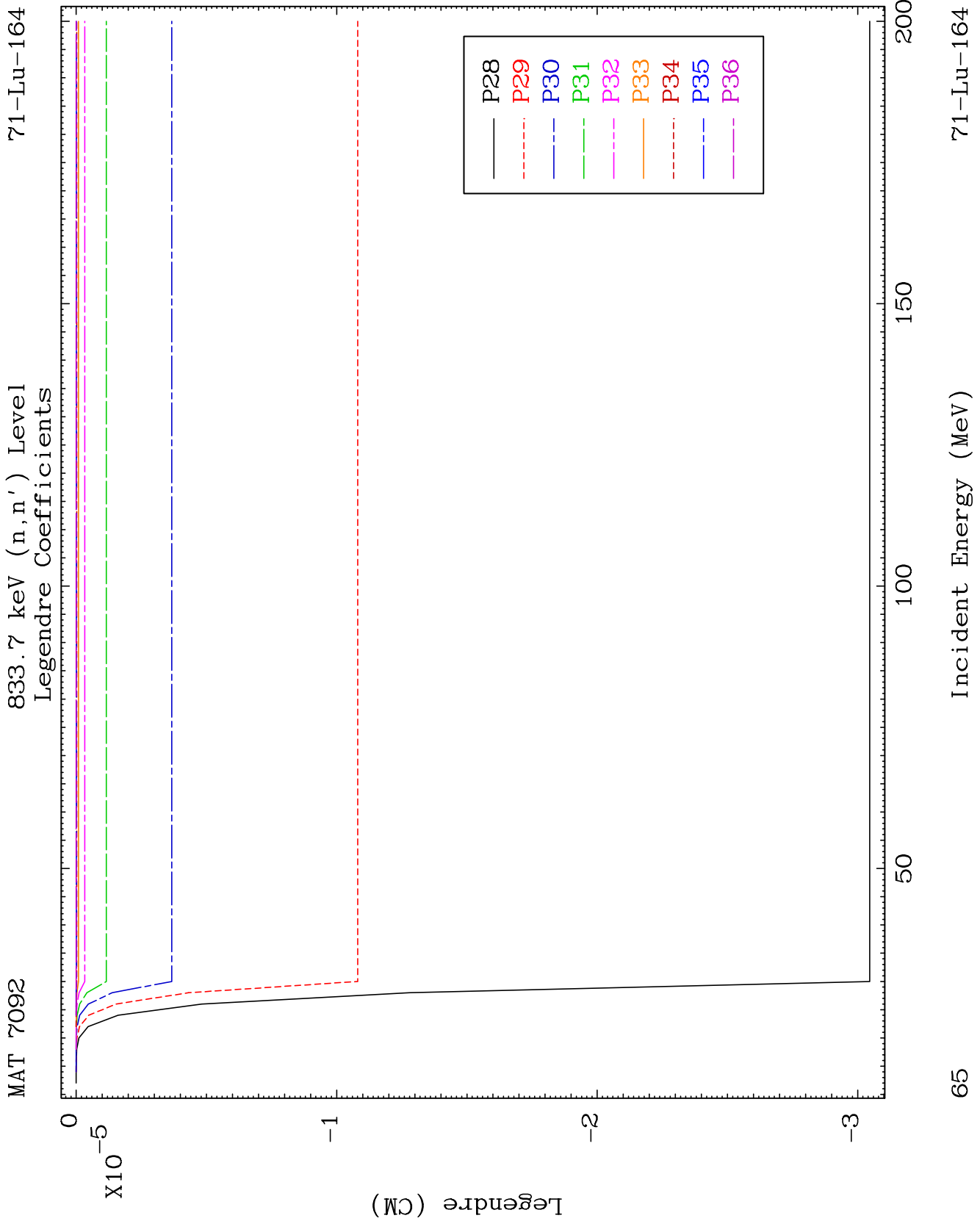
71-Lu-164



64

Incident Energy (MeV)

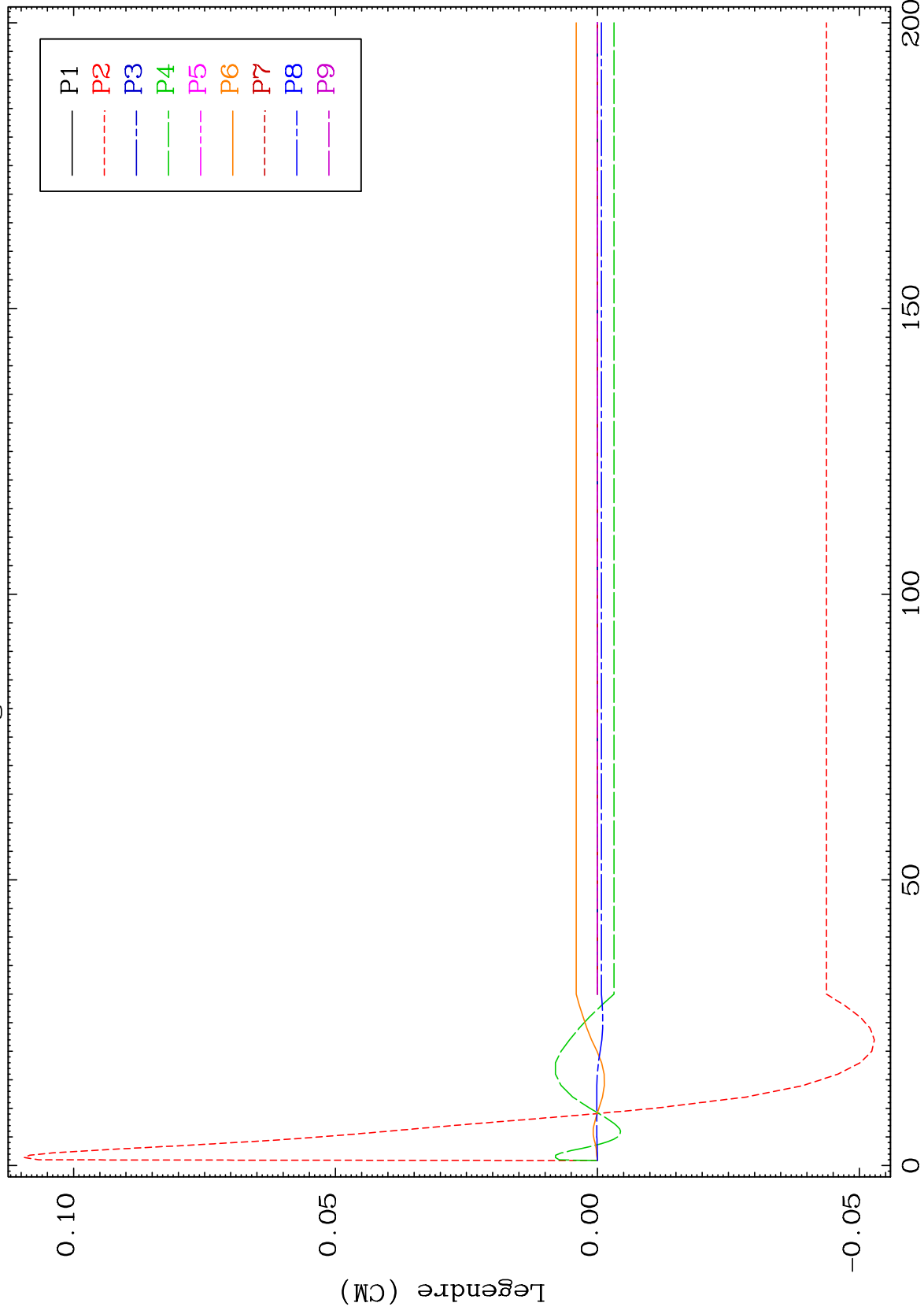
71-Lu-164



MAT 7092

835.6 keV (n,n') Level  
Legendre Coefficients

71-Lu-164



66

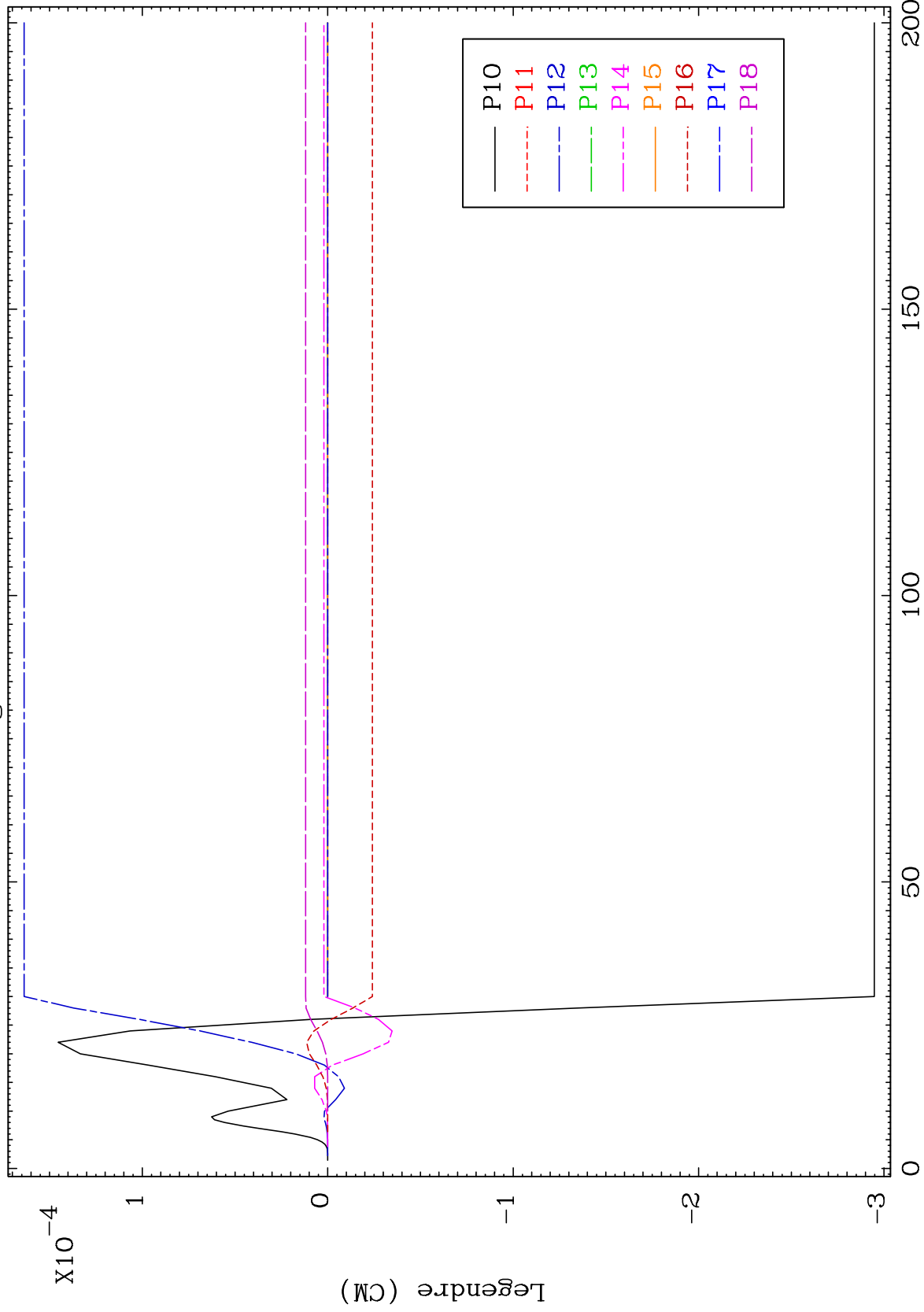
Incident Energy (MeV)

71-Lu-164

MAT 7092

835.6 keV (n, n') Level  
Legendre Coefficients

71-Lu-164



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Incident Energy (MeV)

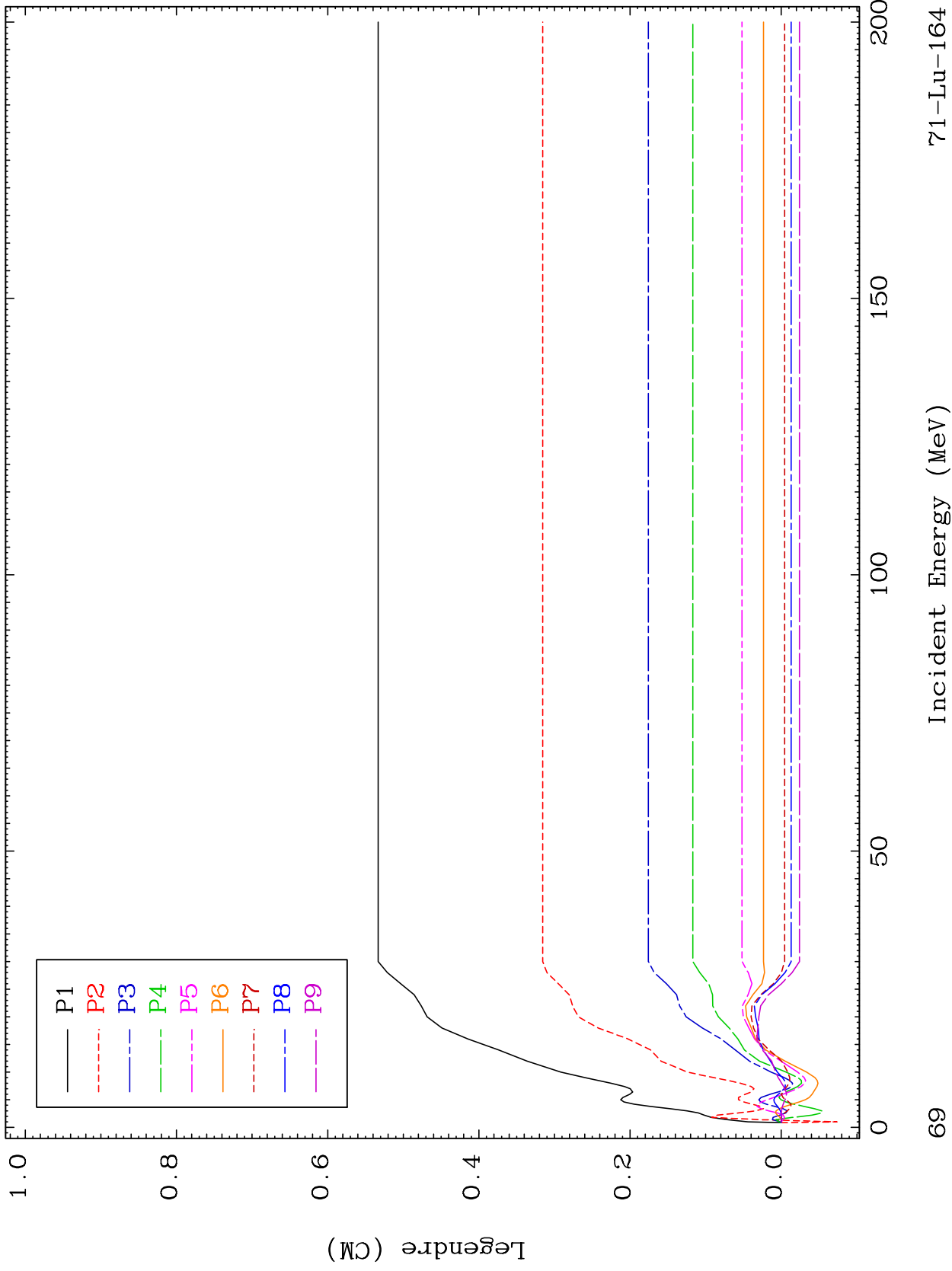
71-Lu-164



MAT 7092

836.5 keV (n,n') Level  
Legendre Coefficients

71-Lu-164

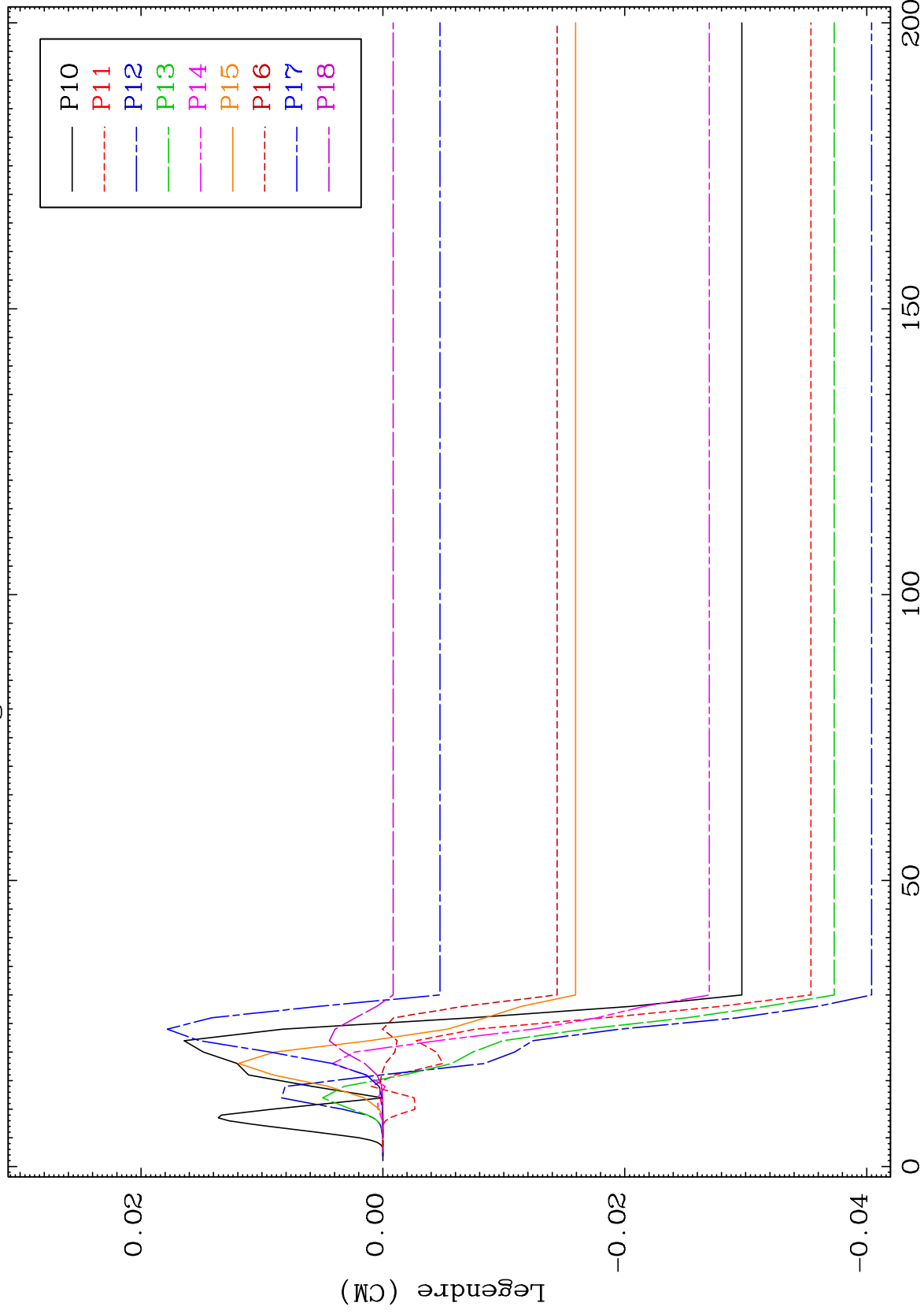


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MAT 7092

836.5 keV (n,n') Level  
Legendre Coefficients

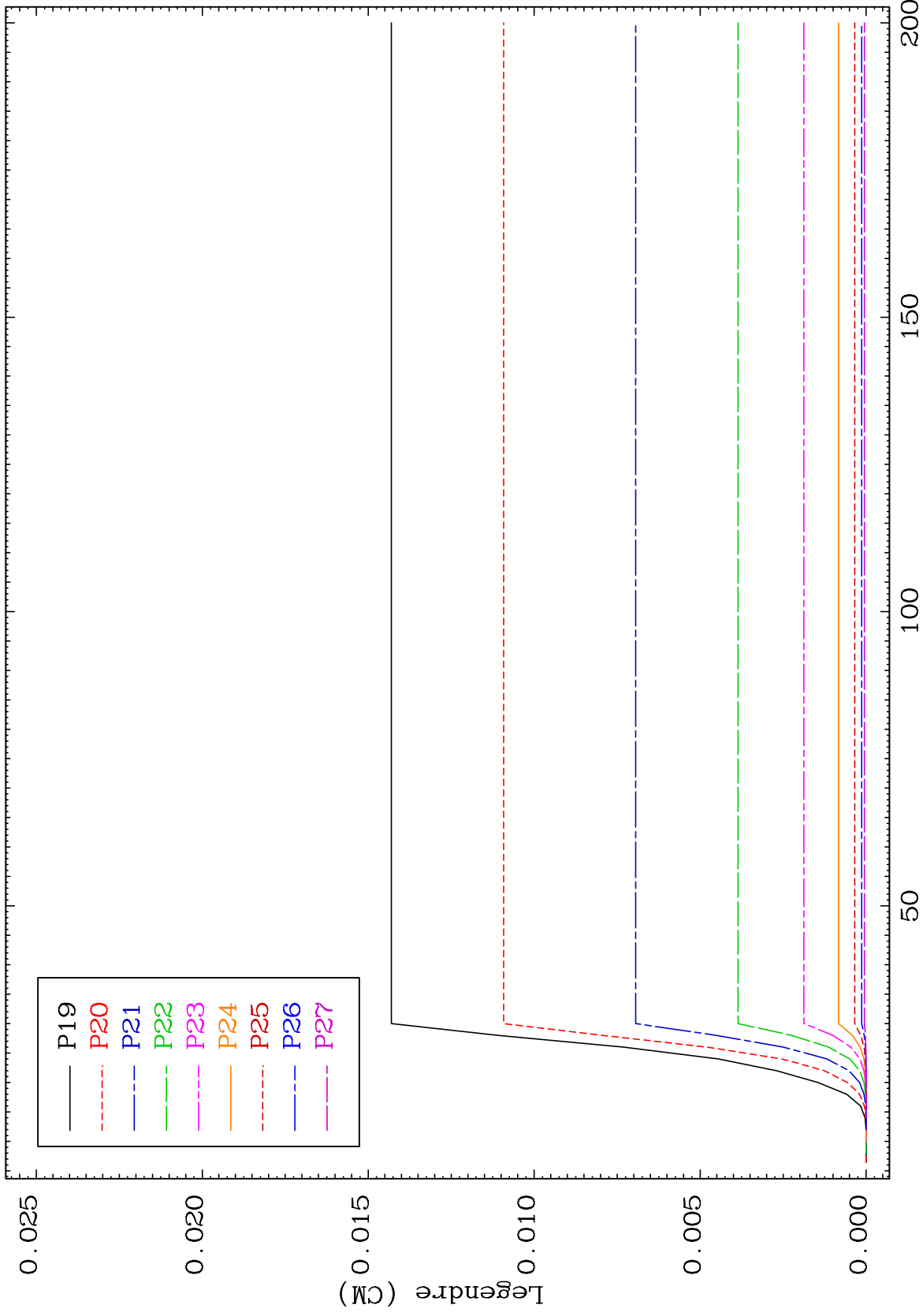
71-Lu-164



70

Incident Energy (MeV)

71-Lu-164

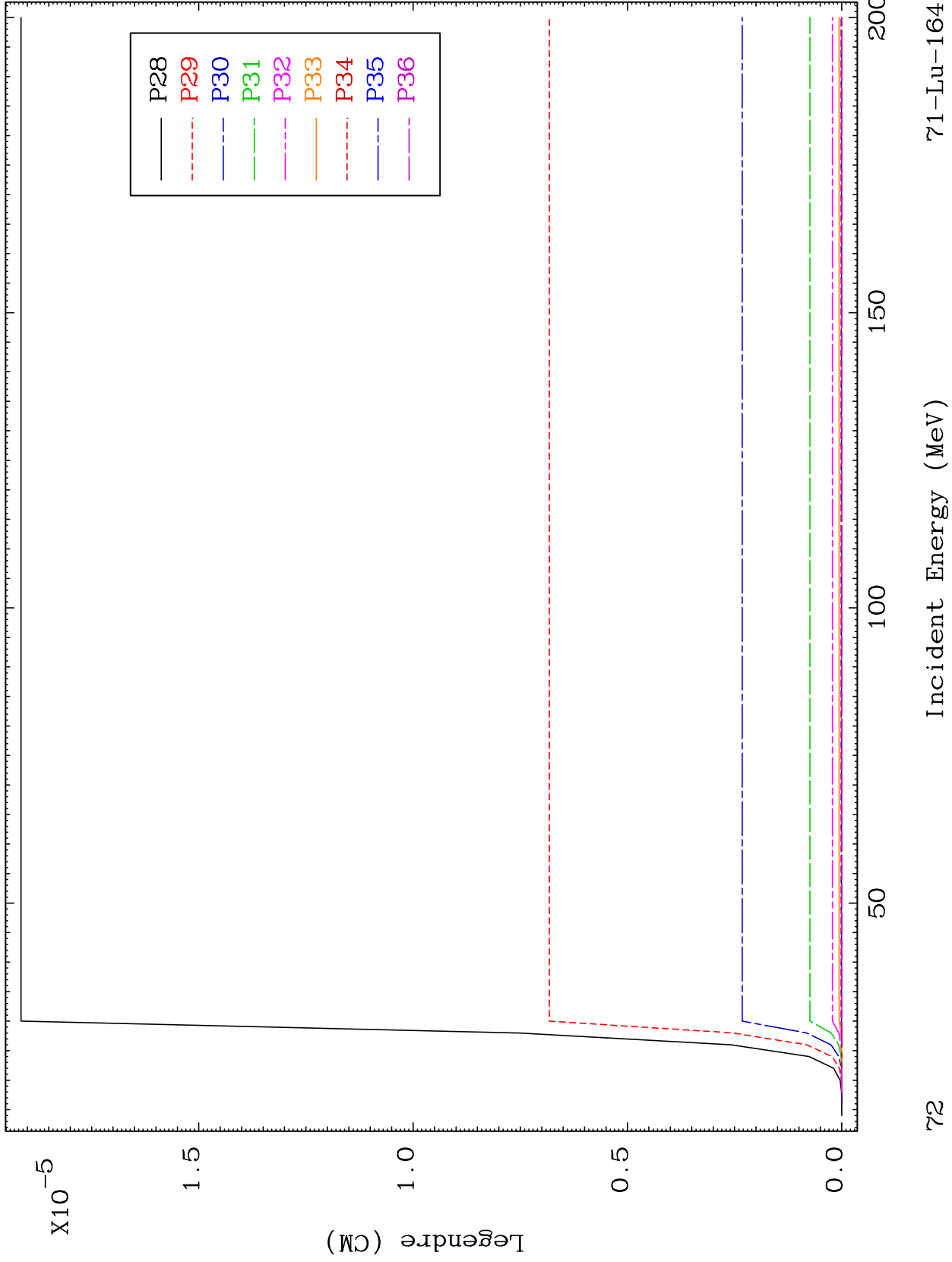




MAT 7092

836.5 keV (n,n') Level  
Legendre Coefficients

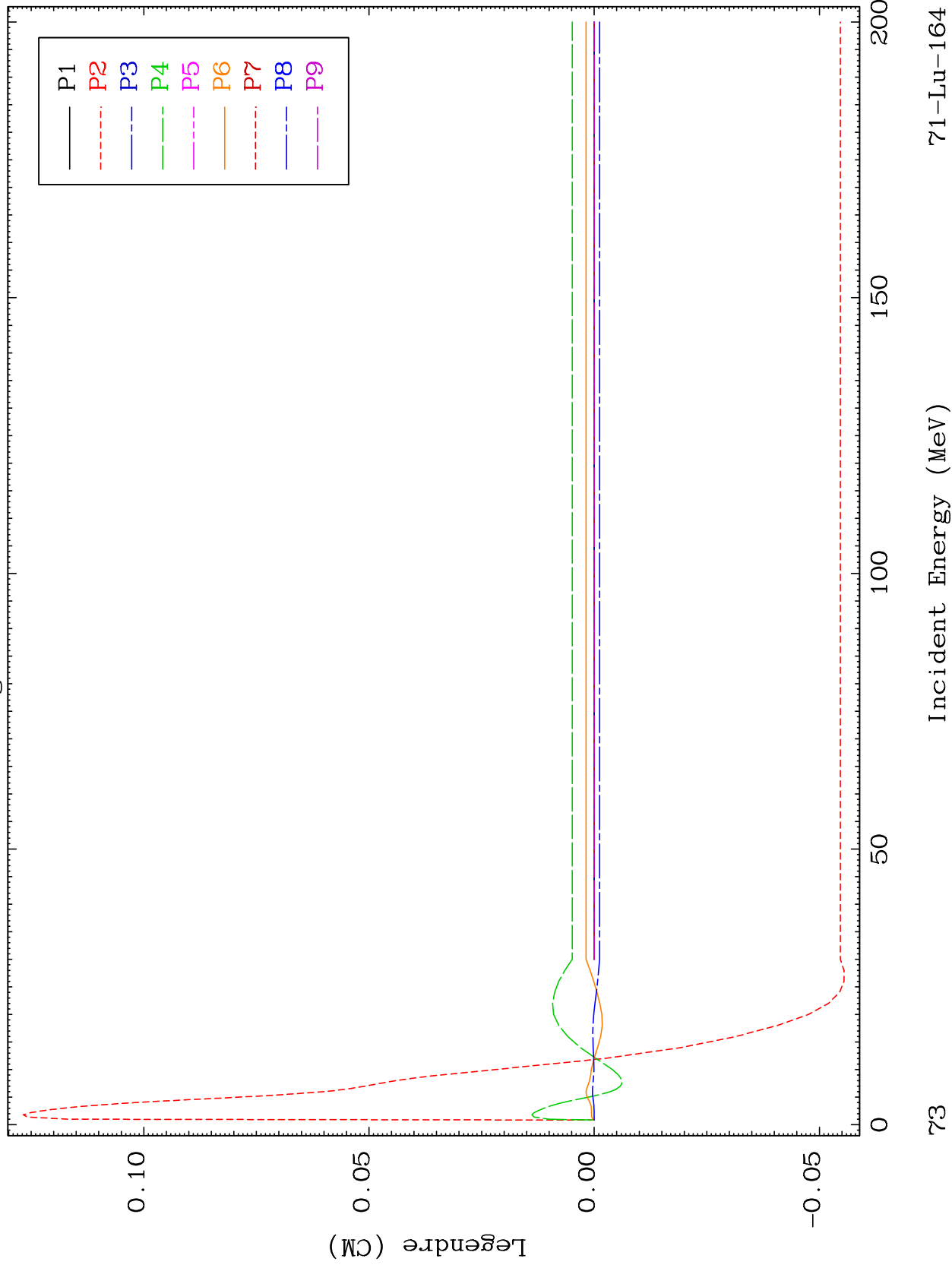
71-Lu-164



MAT 7092

837.4 keV (n,n') Level  
Legendre Coefficients

71-Lu-164



71-Lu-164

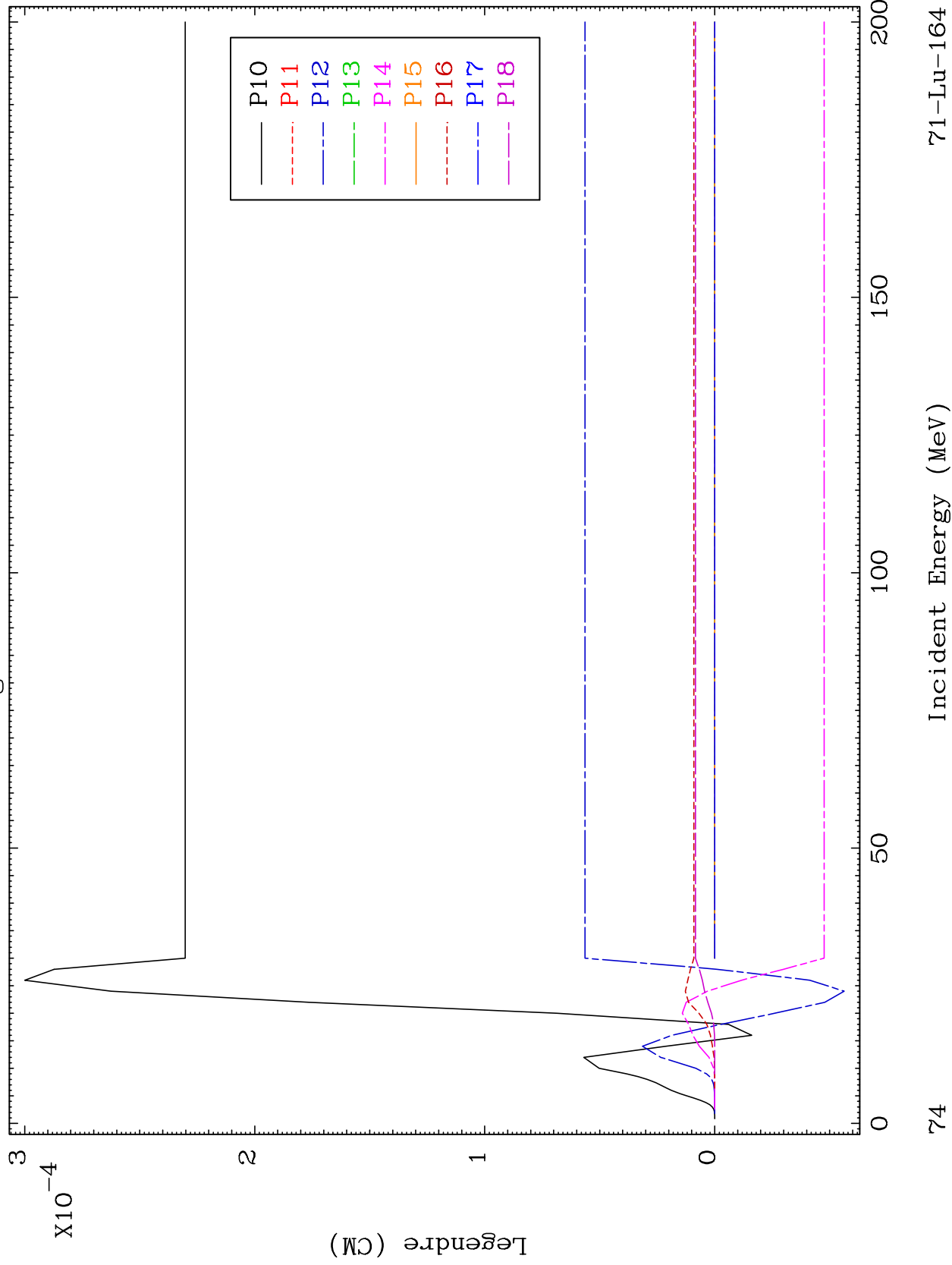
Incident Energy (MeV)

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MAT 7092

837.4 keV (n,n') Level  
Legendre Coefficients

71-Lu-164

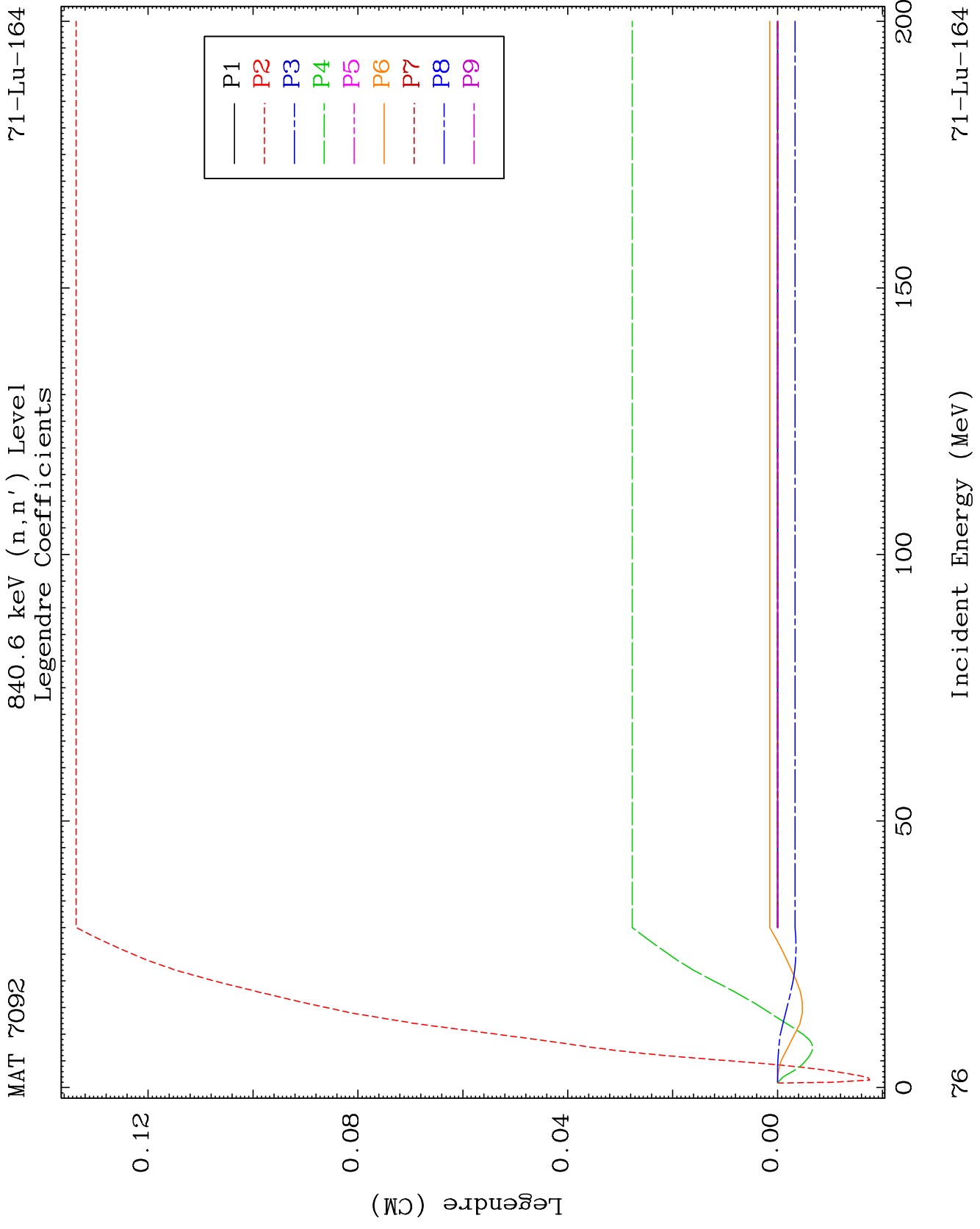


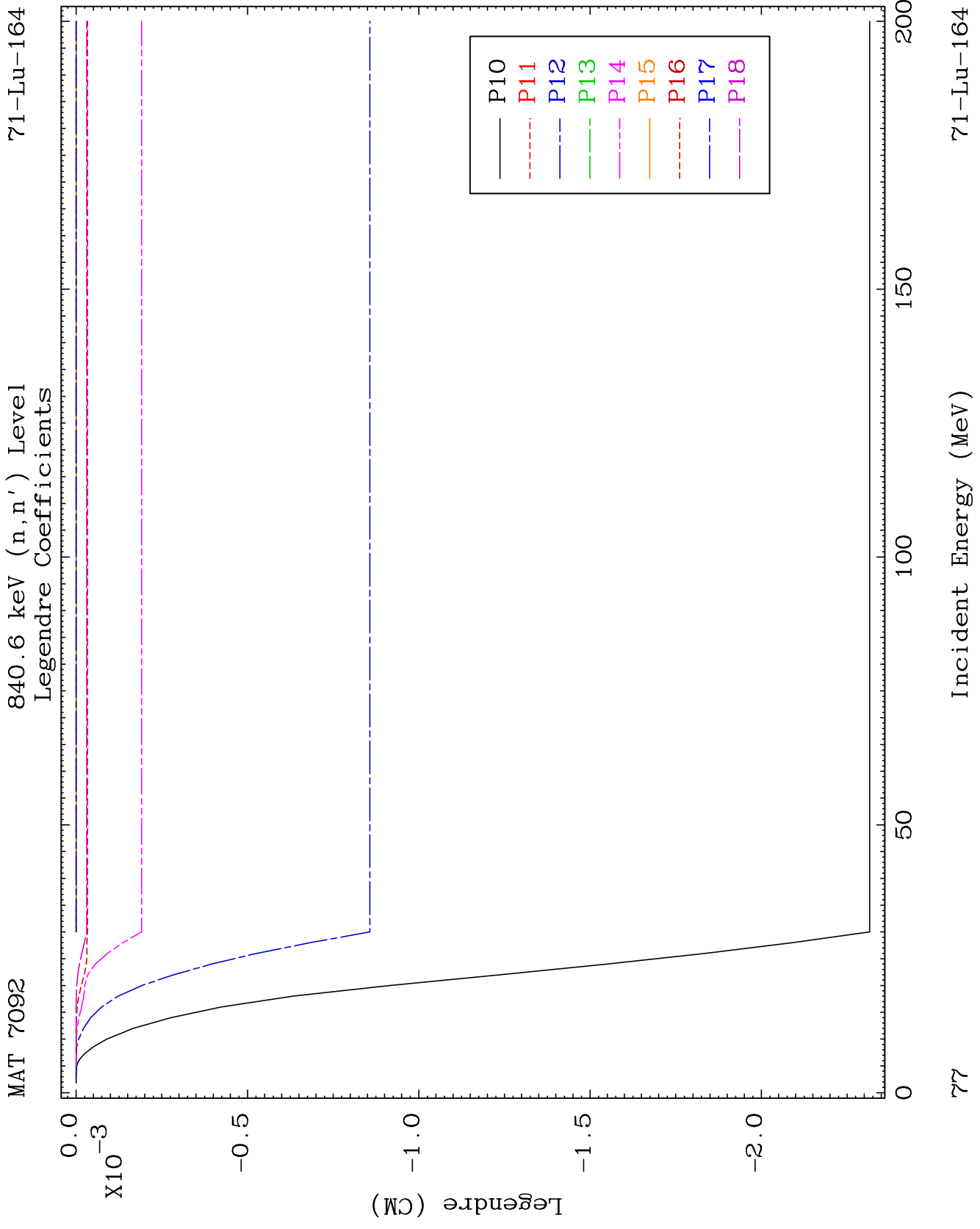
71-Lu-164

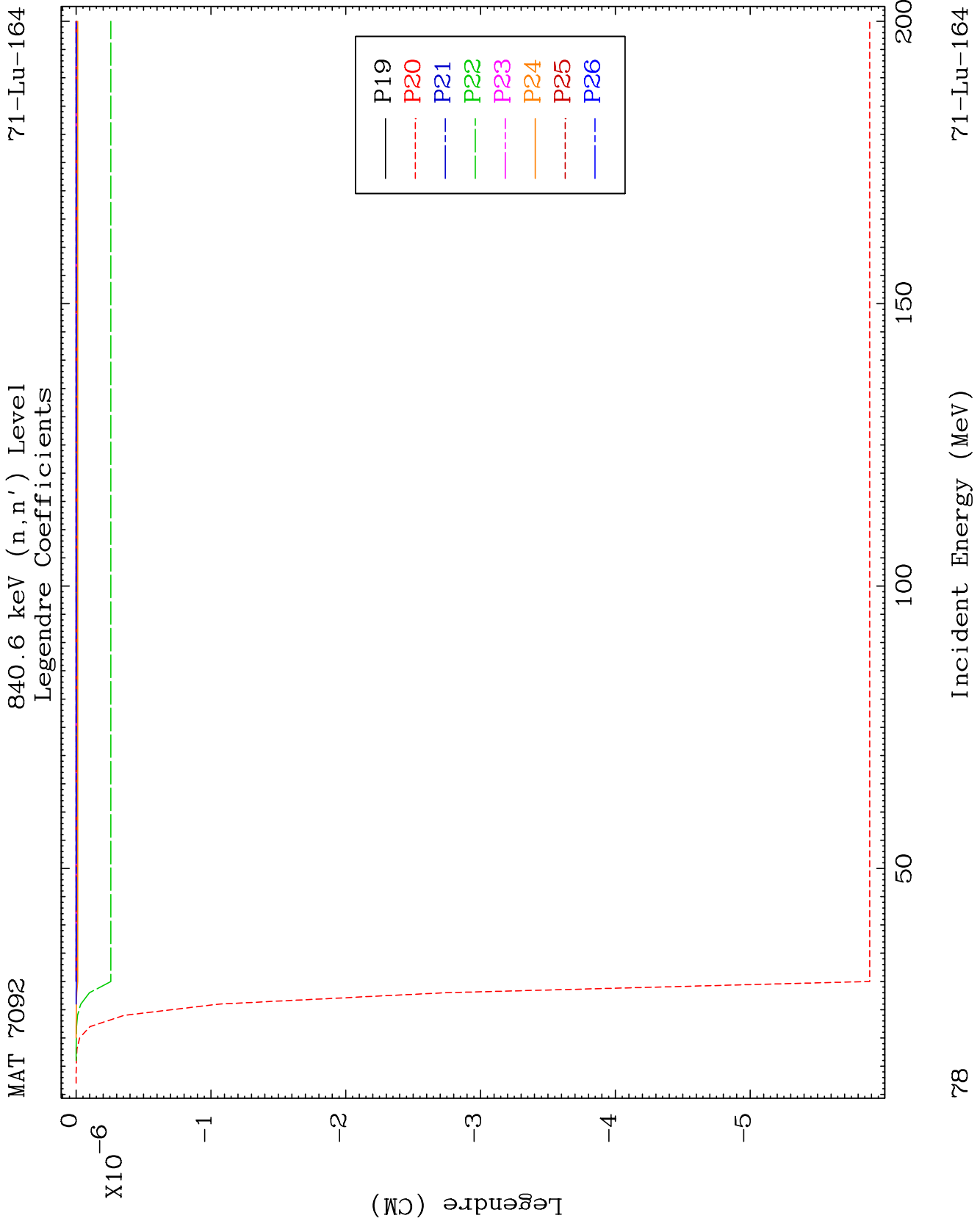
Incident Energy (MeV)

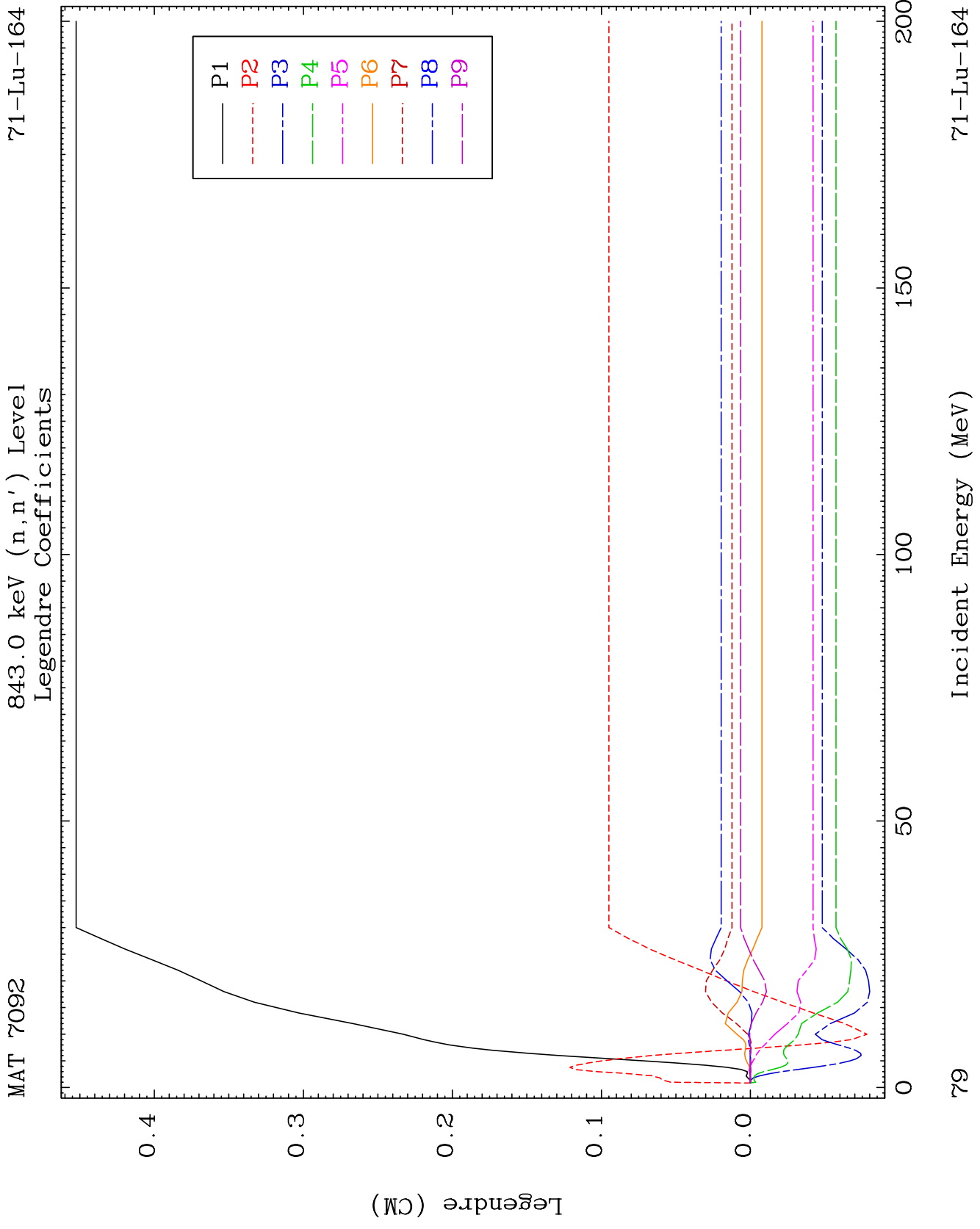
74









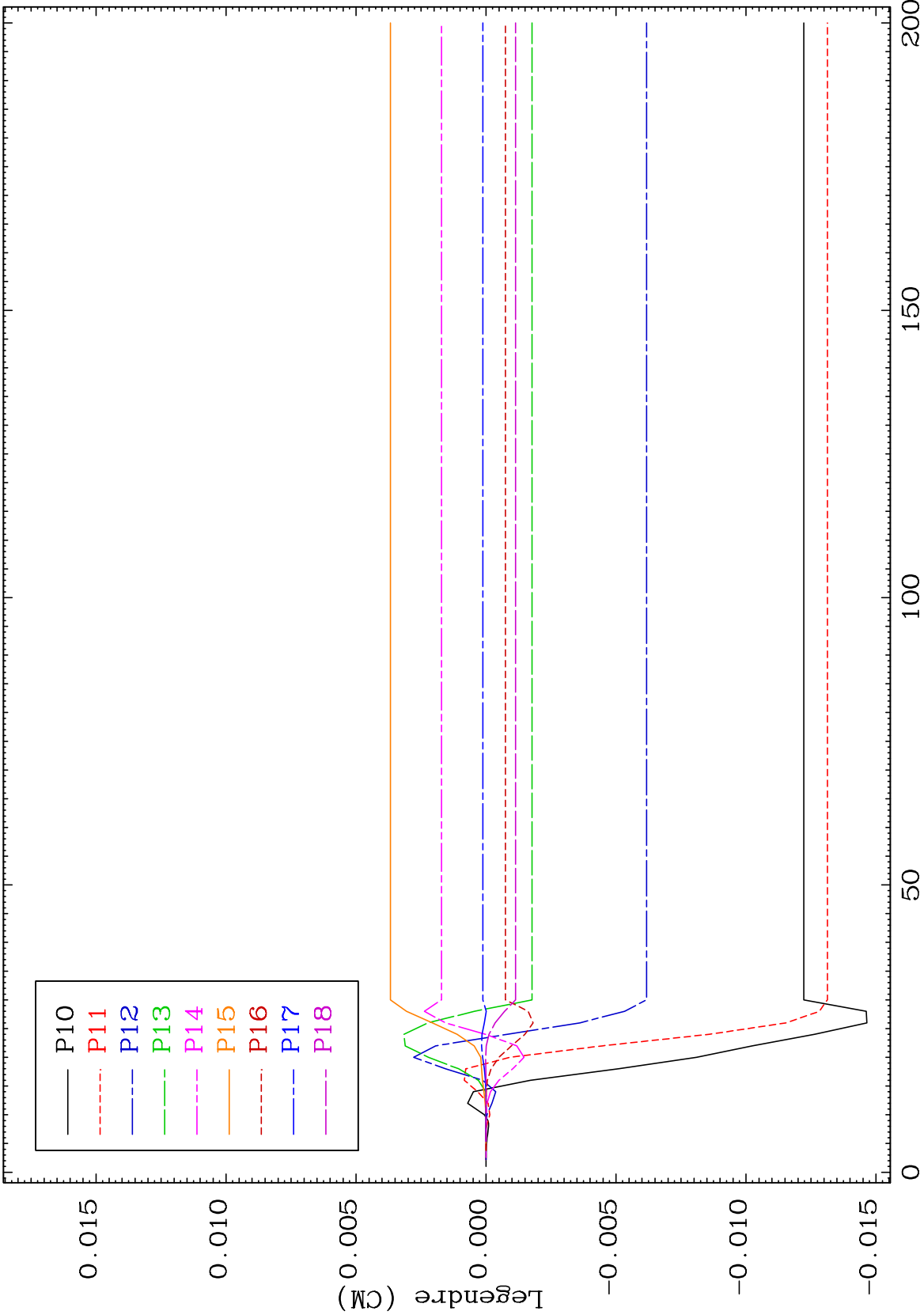




MAT 7092

843.0 keV (n, n') Level  
Legendre Coefficients

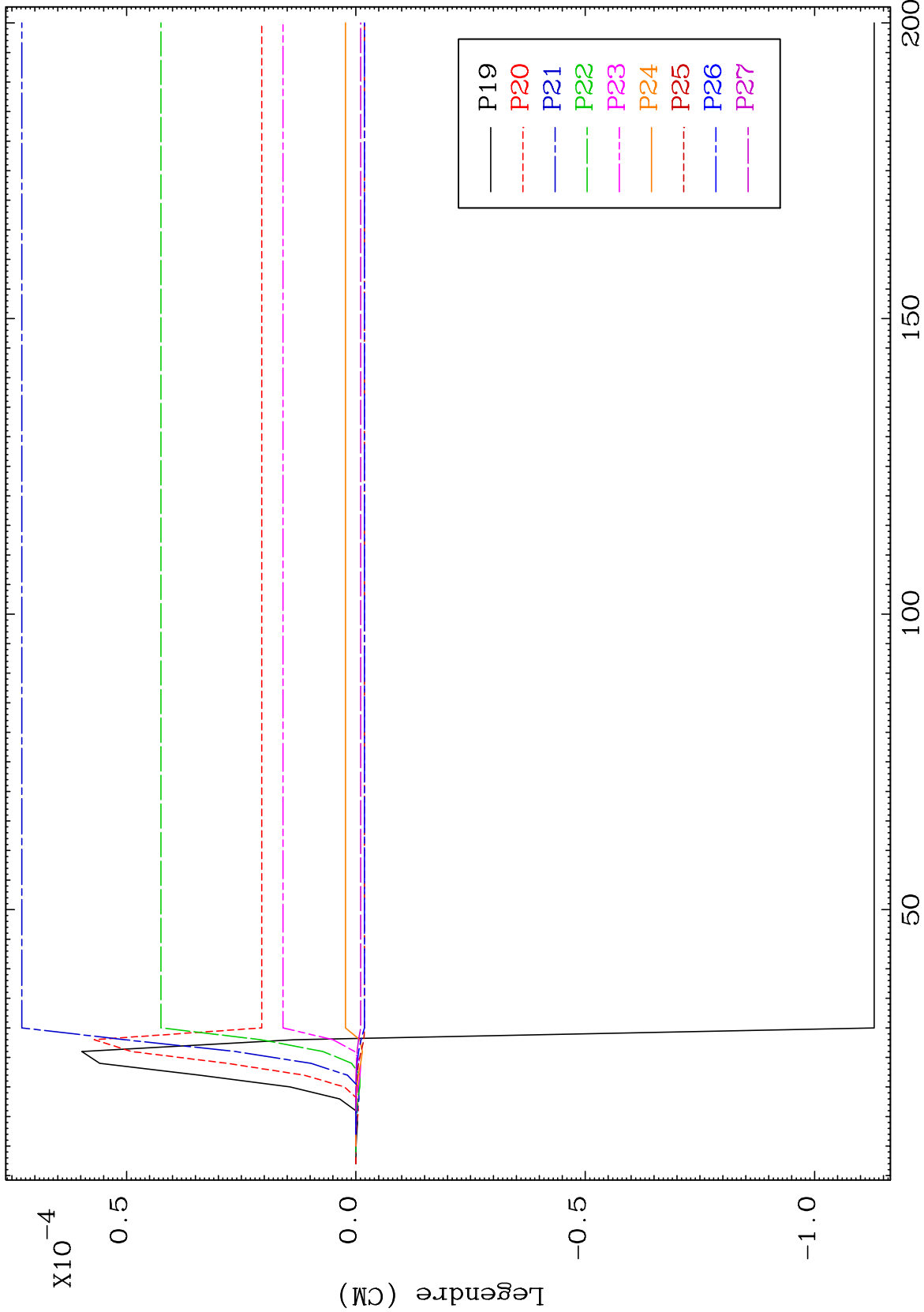
71-Lu-164

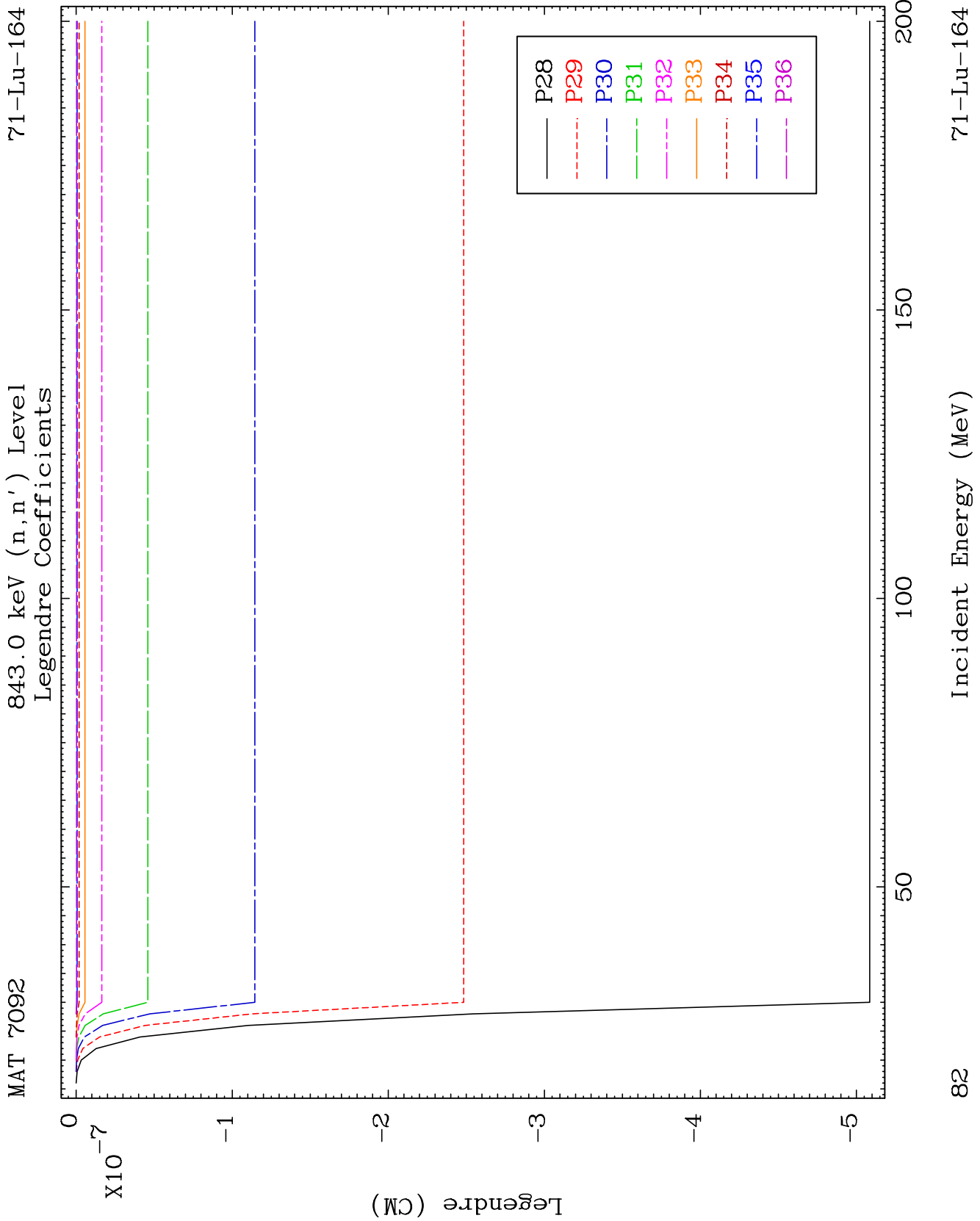


80

Incident Energy (MeV)

71-Lu-164

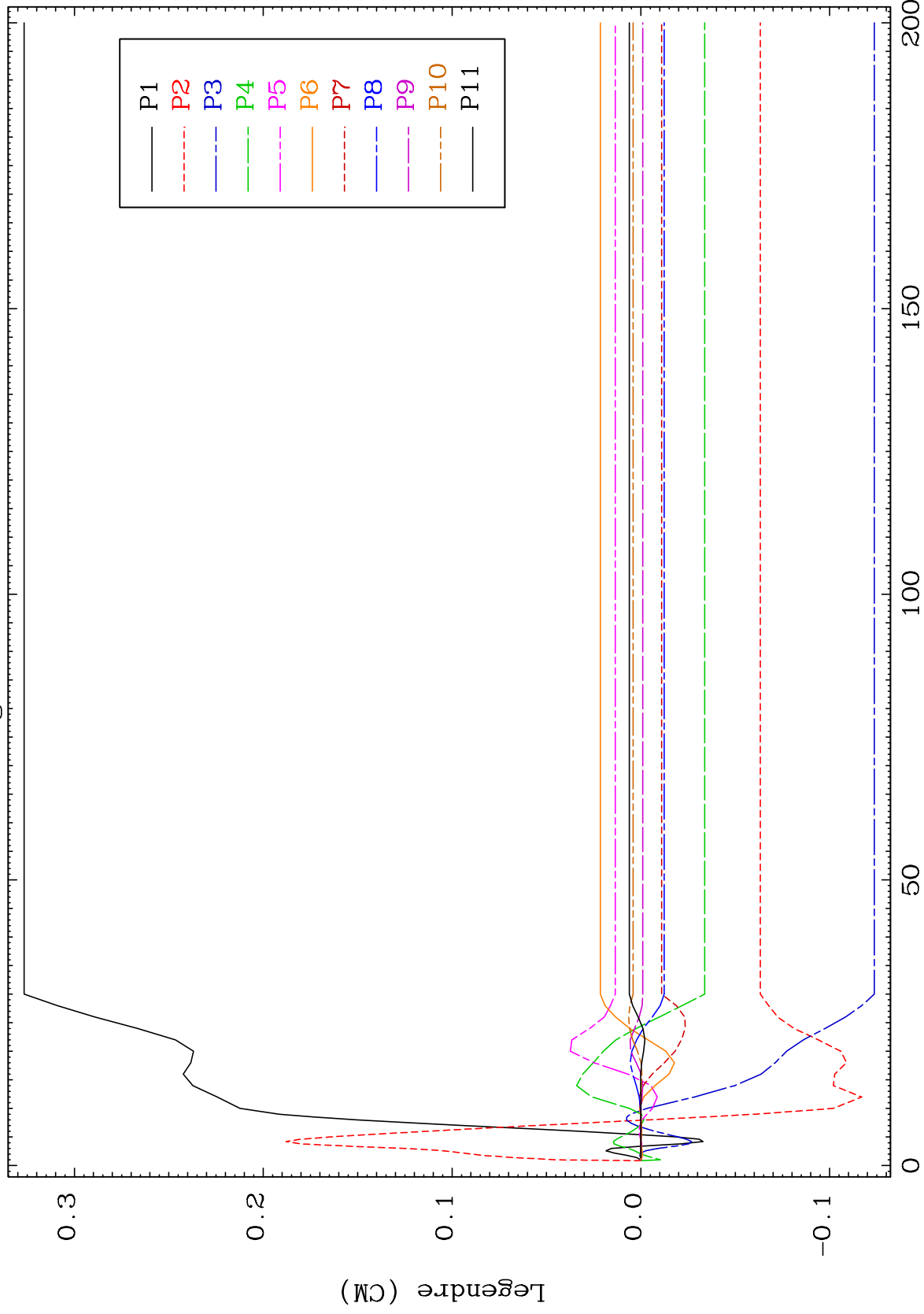




MAT 7092

844.9 keV (n, n') Level  
Legendre Coefficients

71-Lu-164



83

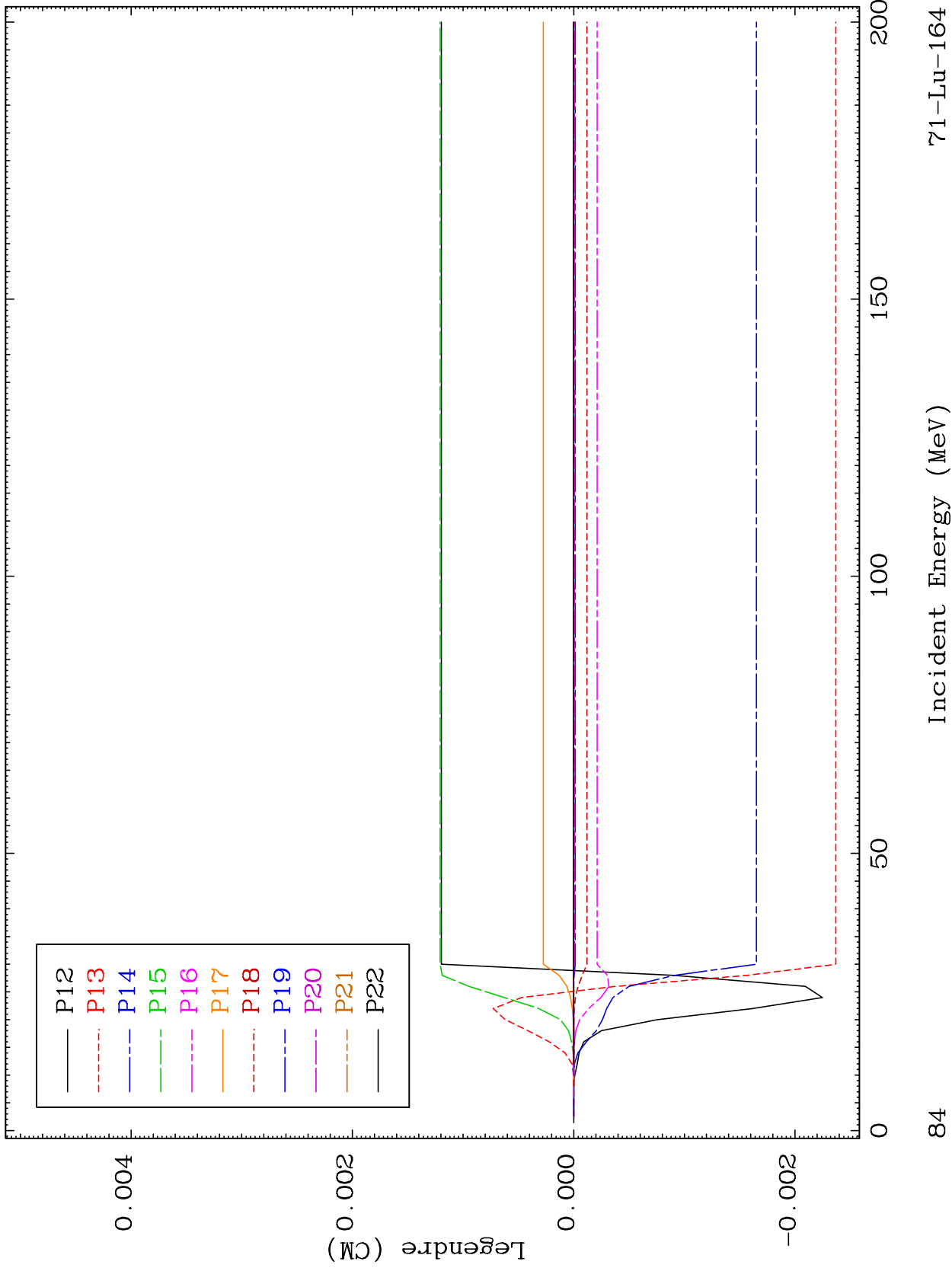
Incident Energy (MeV)

71-Lu-164

MAT 7092

844.9 keV (n,n') Level  
Legendre Coefficients

71-Lu-164



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Incident Energy (MeV)

71-Lu-164

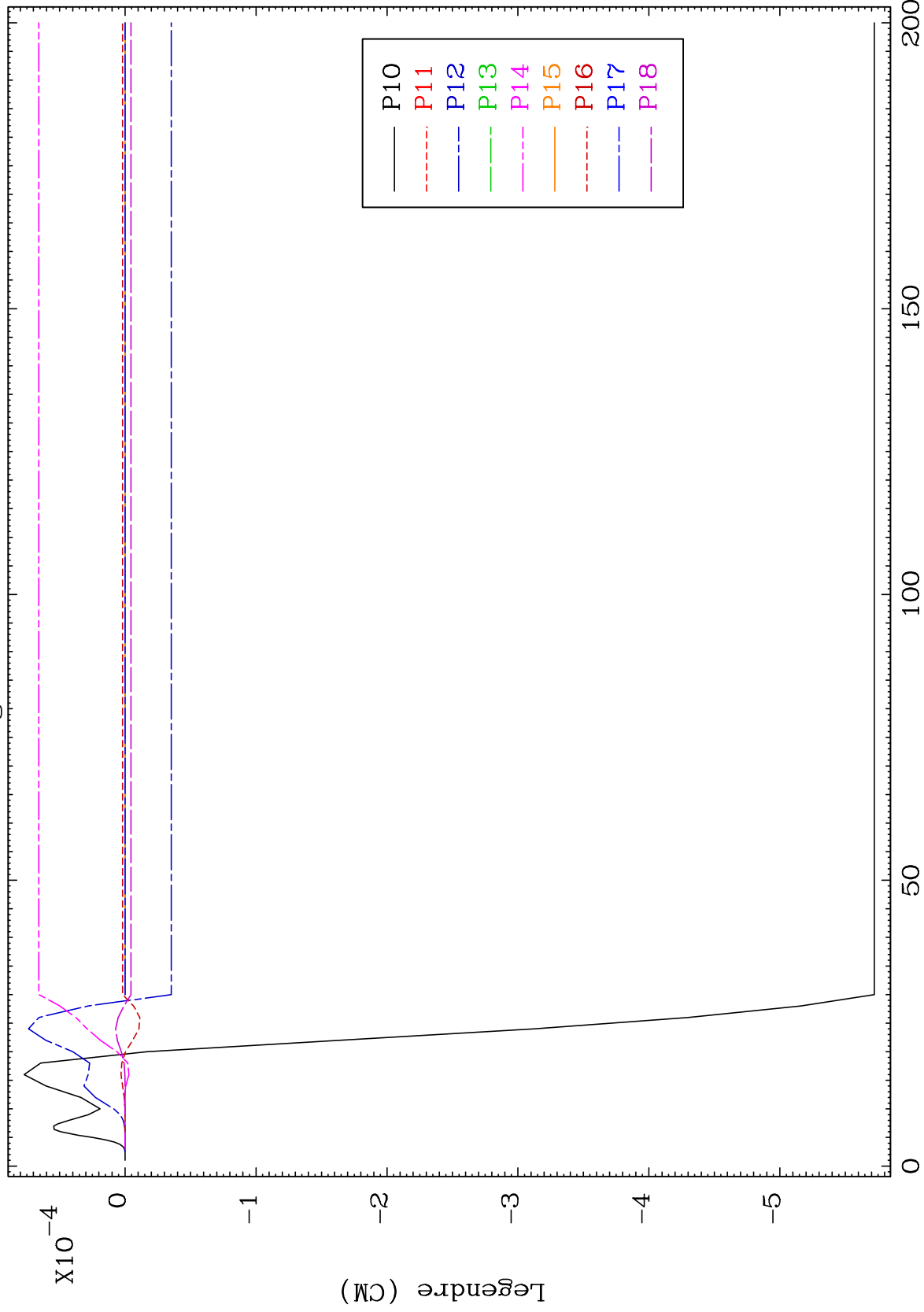




MAT 7092

846.9 keV (n,n') Level  
Legendre Coefficients

71-Lu-164

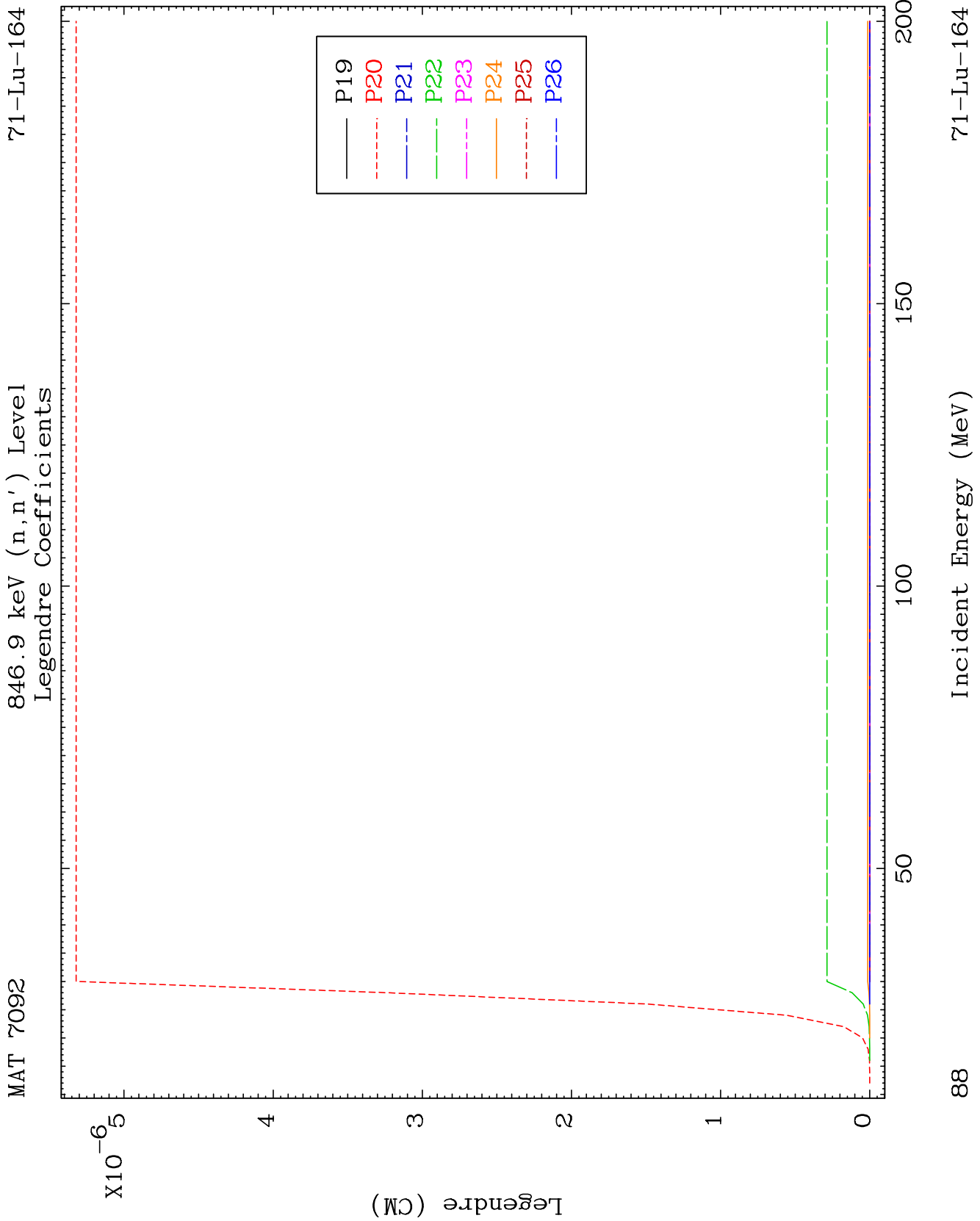


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Incident Energy (MeV)

71-Lu-164

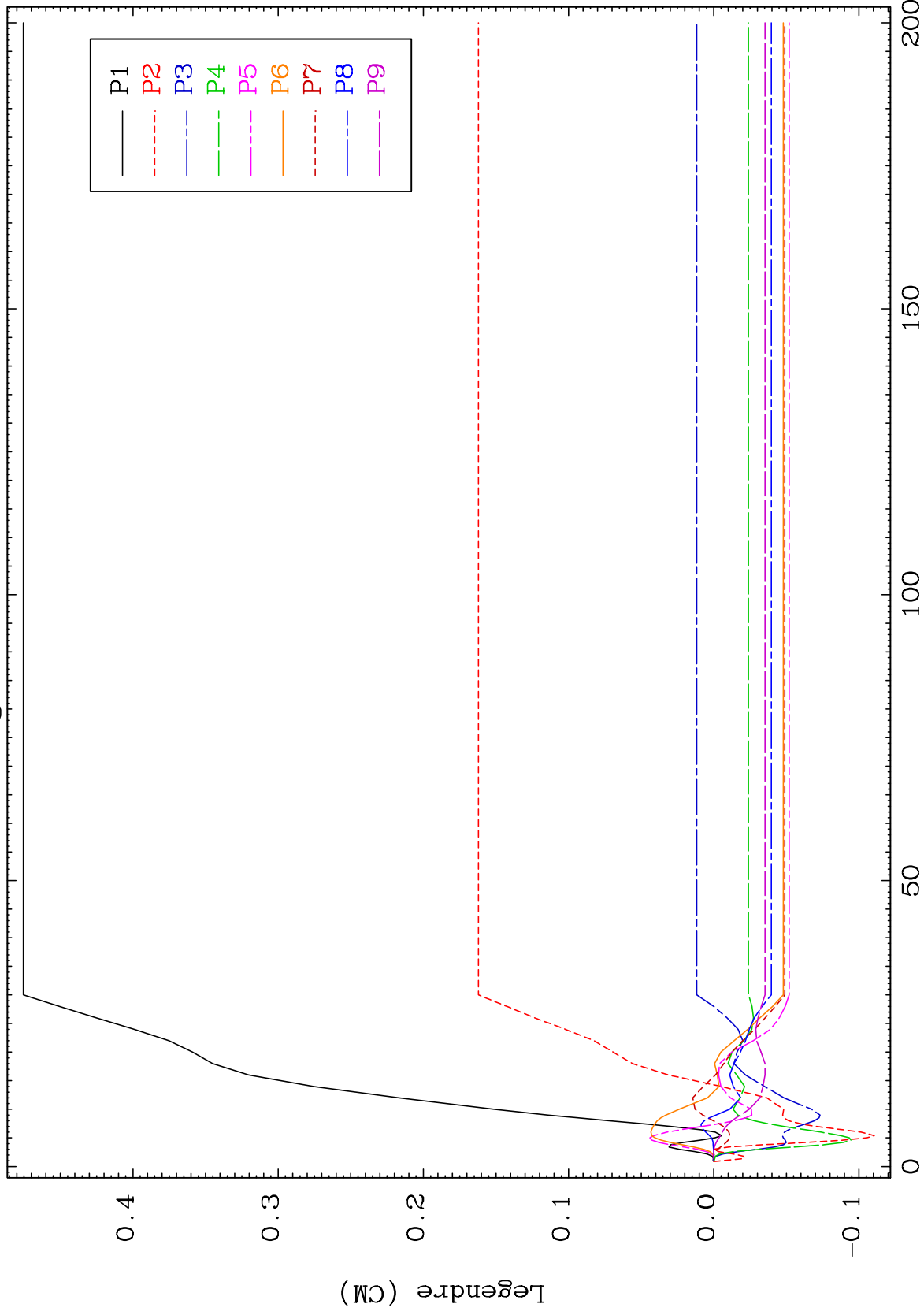




MAT 7092

847.9 keV (n, n') Level  
Legendre Coefficients

71-Lu-164



89

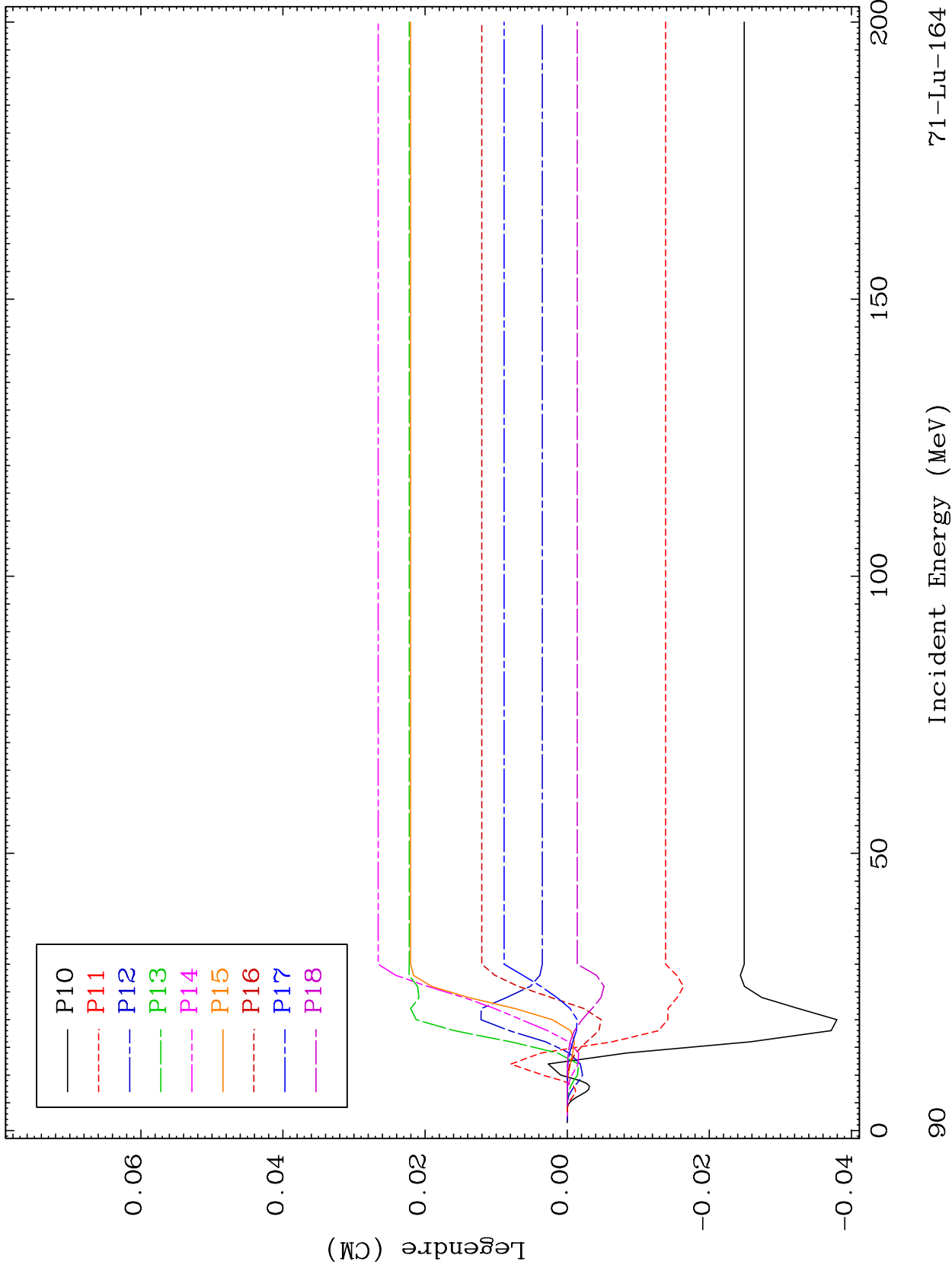
Incident Energy (MeV)

71-Lu-164

MAT 7092

847.9 keV (n, n') Level  
Legendre Coefficients

71-Lu-164



71-Lu-164

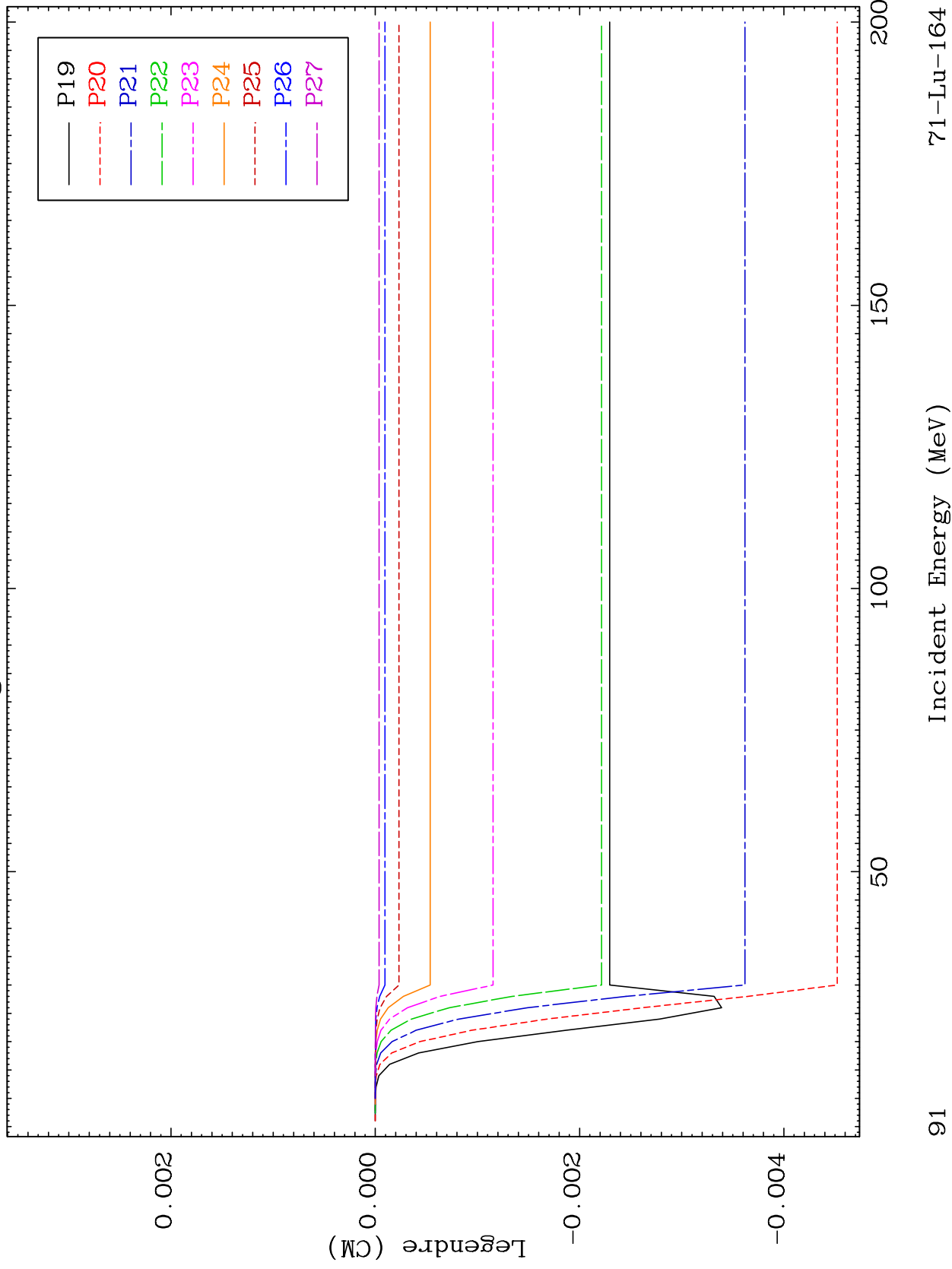
Incident Energy (MeV)

90

MAT 7092

847.9 keV (n,n') Level  
Legendre Coefficients

71-Lu-164



91

Incident Energy (MeV)

71-Lu-164

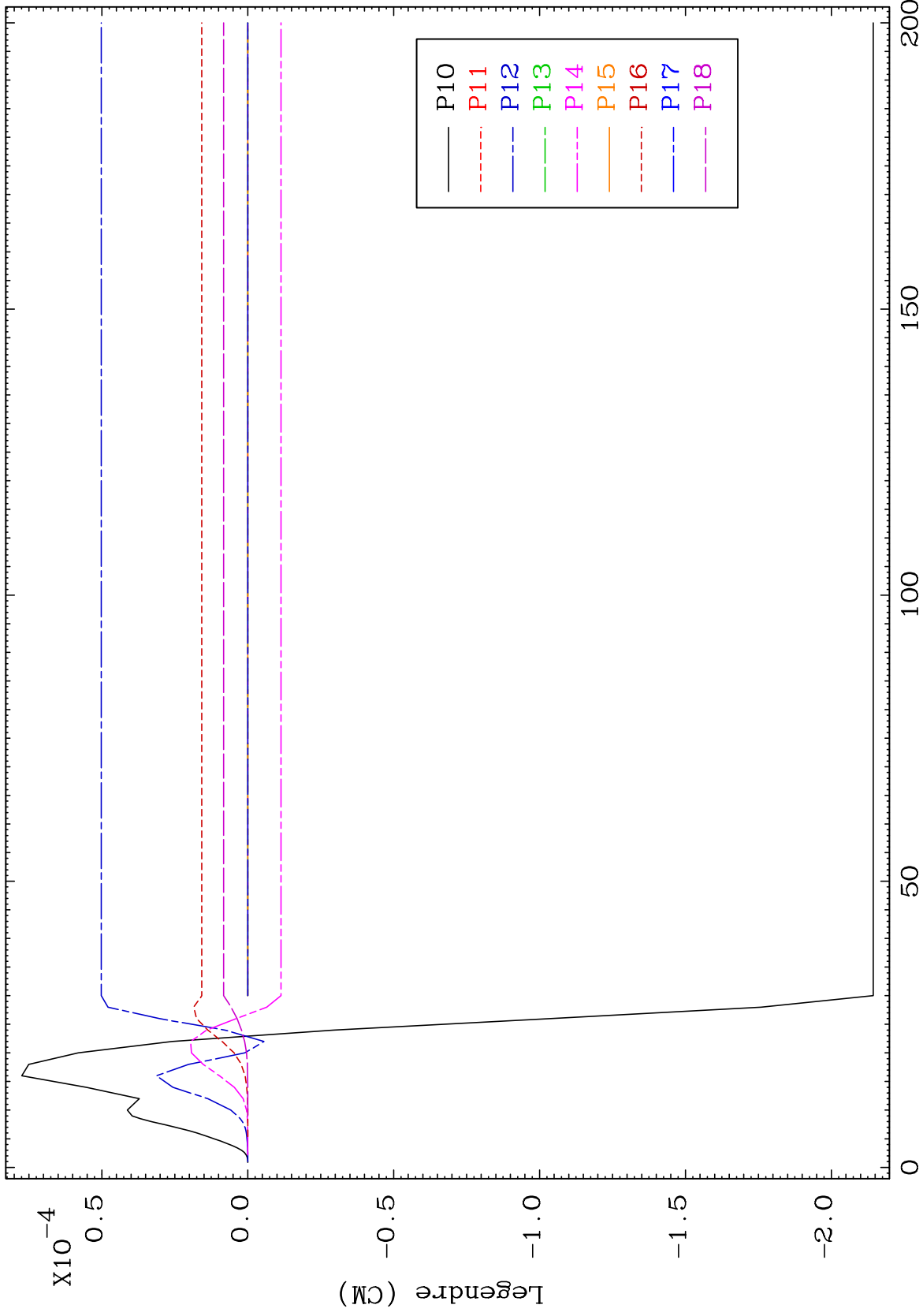




MAT 7092

848.8 keV (n,n') Level  
Legendre Coefficients

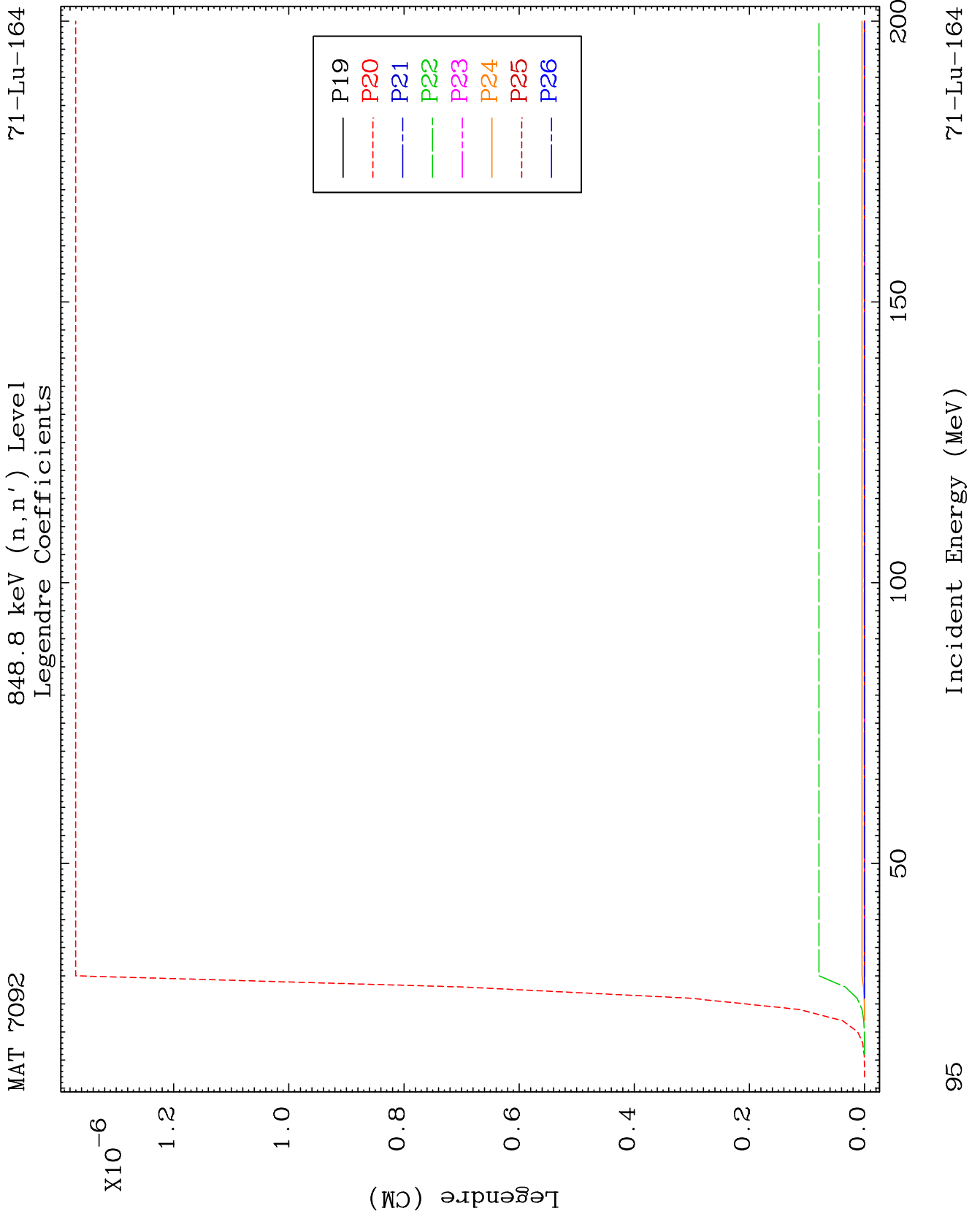
71-Lu-164



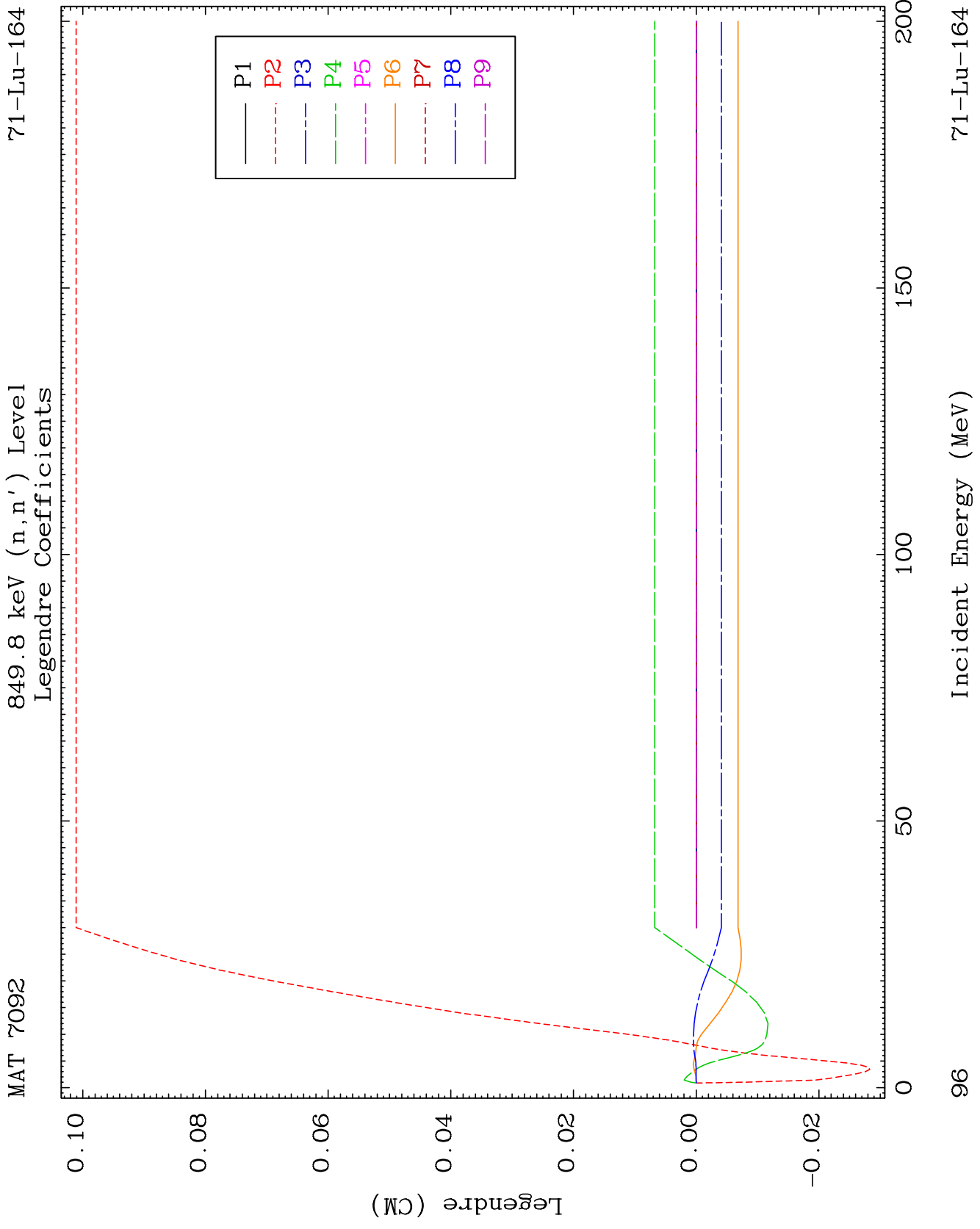
94

Incident Energy (MeV)

71-Lu-164



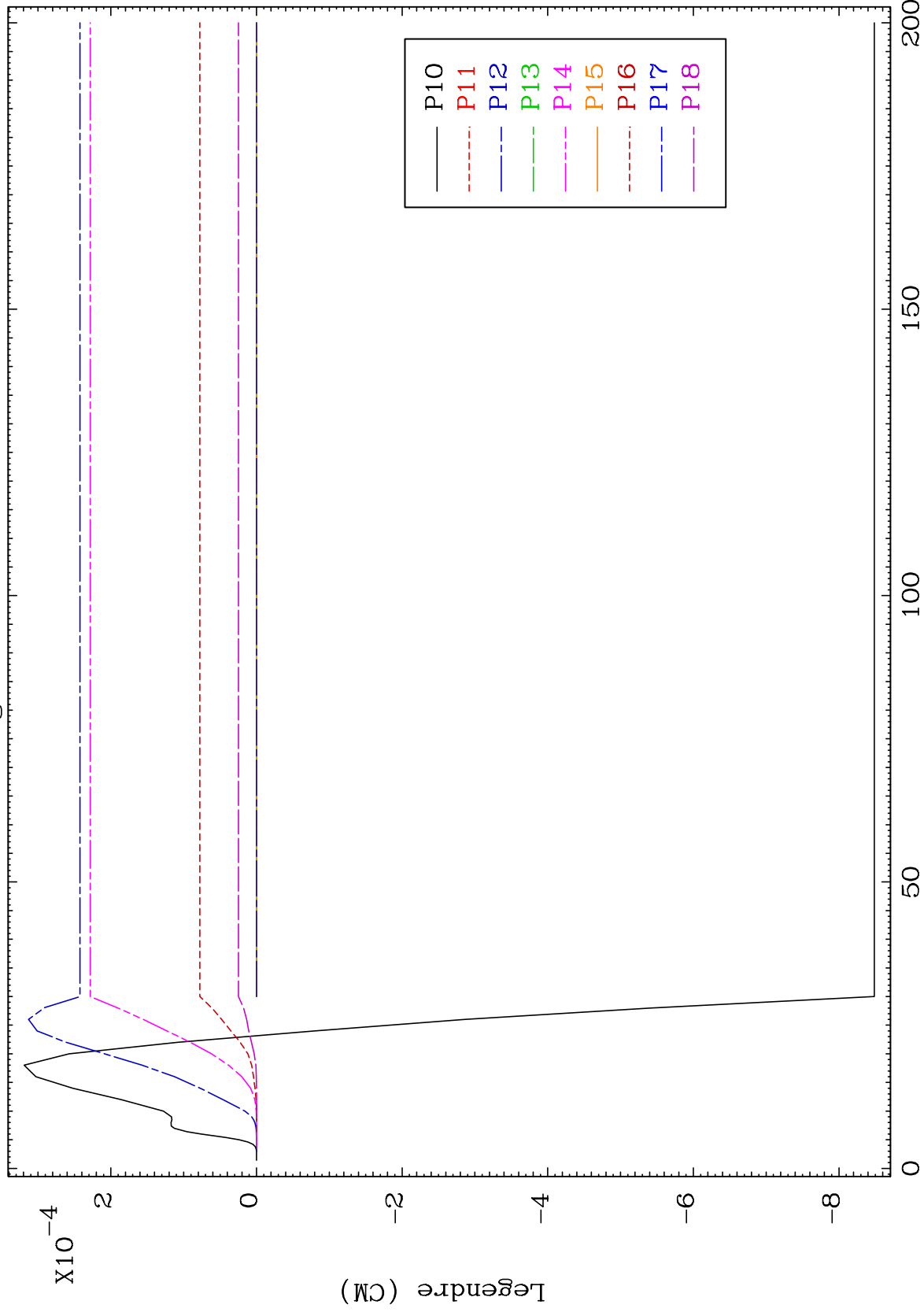




MAT 7092

849.8 keV (n,n') Level  
Legendre Coefficients

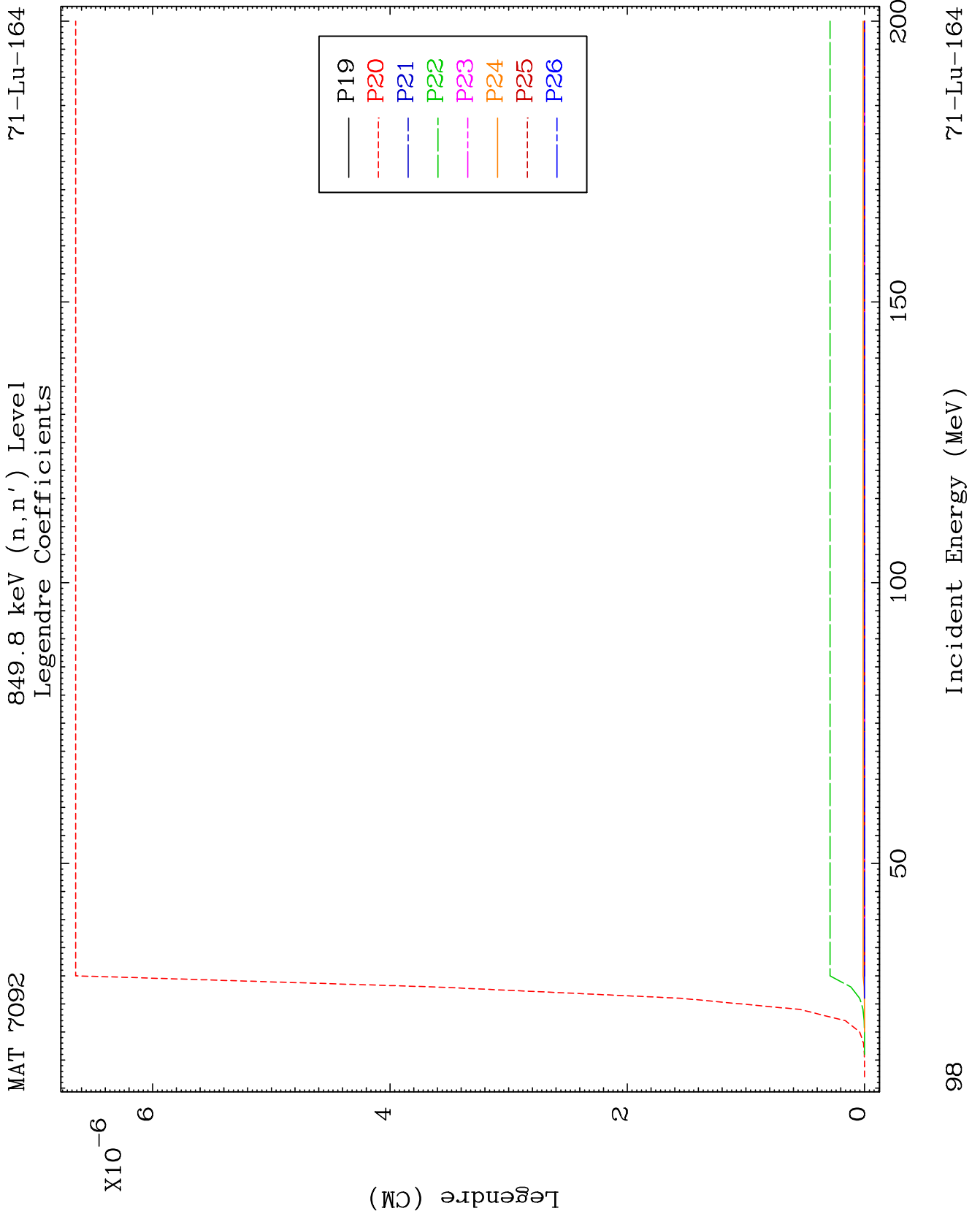
71-Lu-164

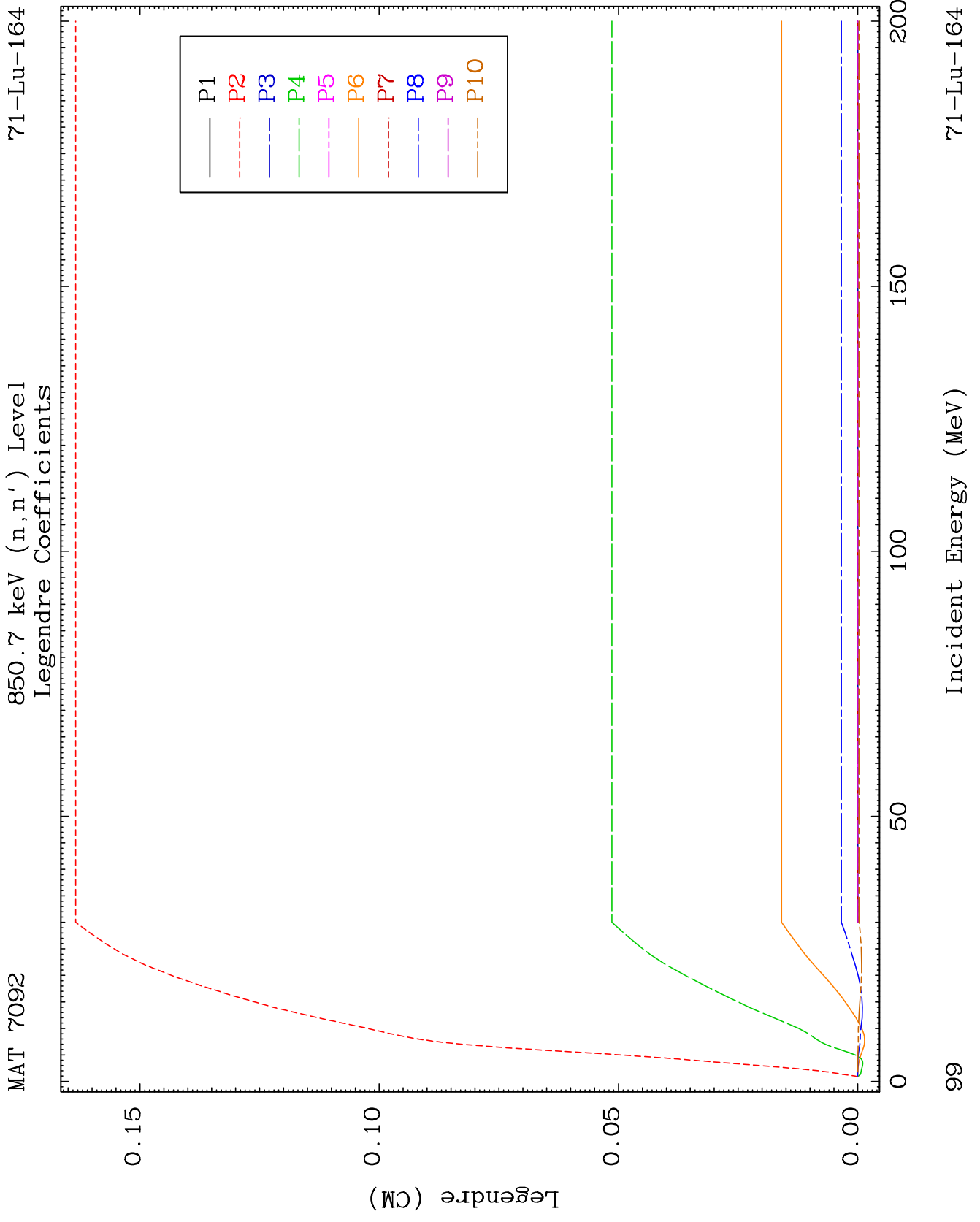


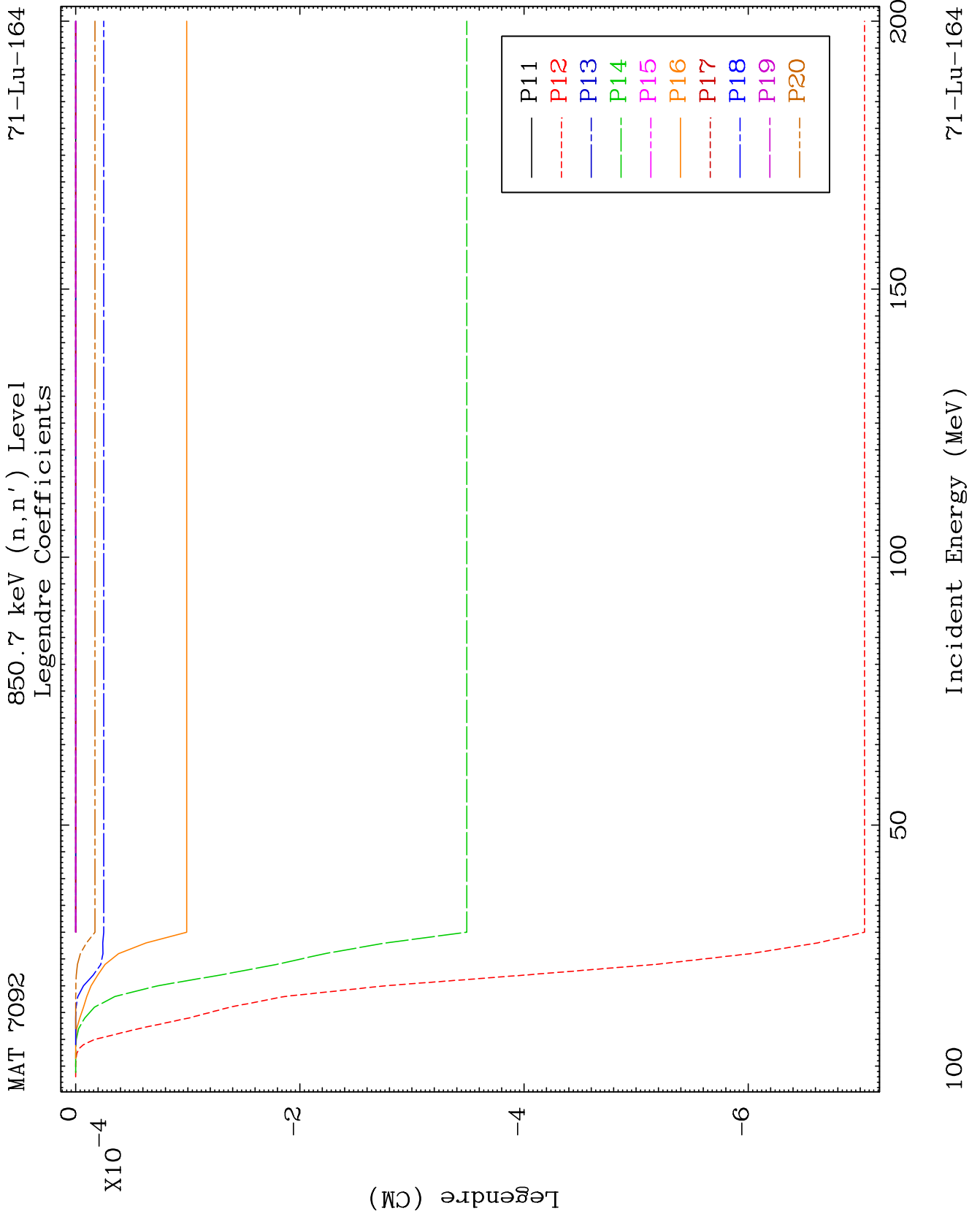
97

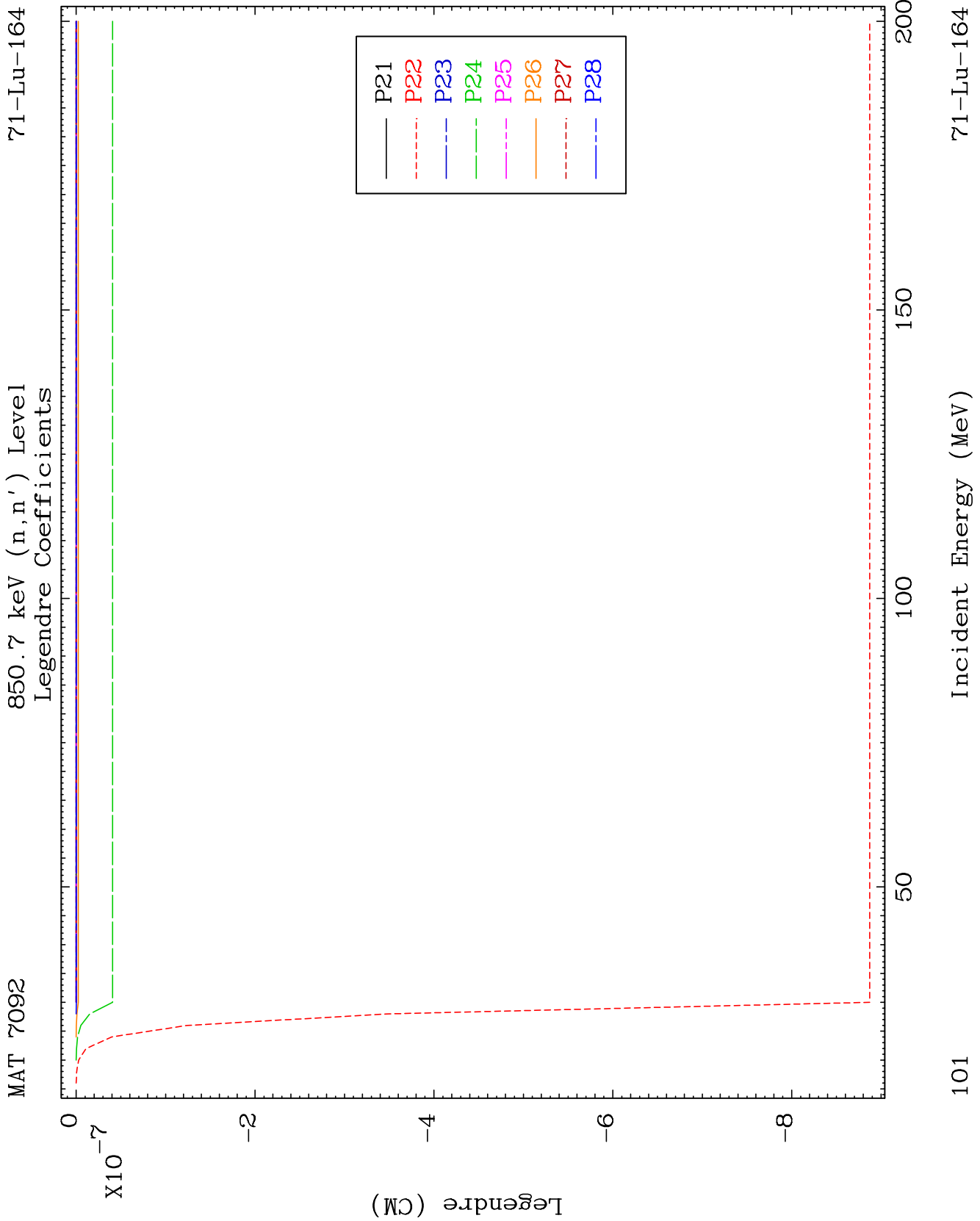
Incident Energy (MeV)

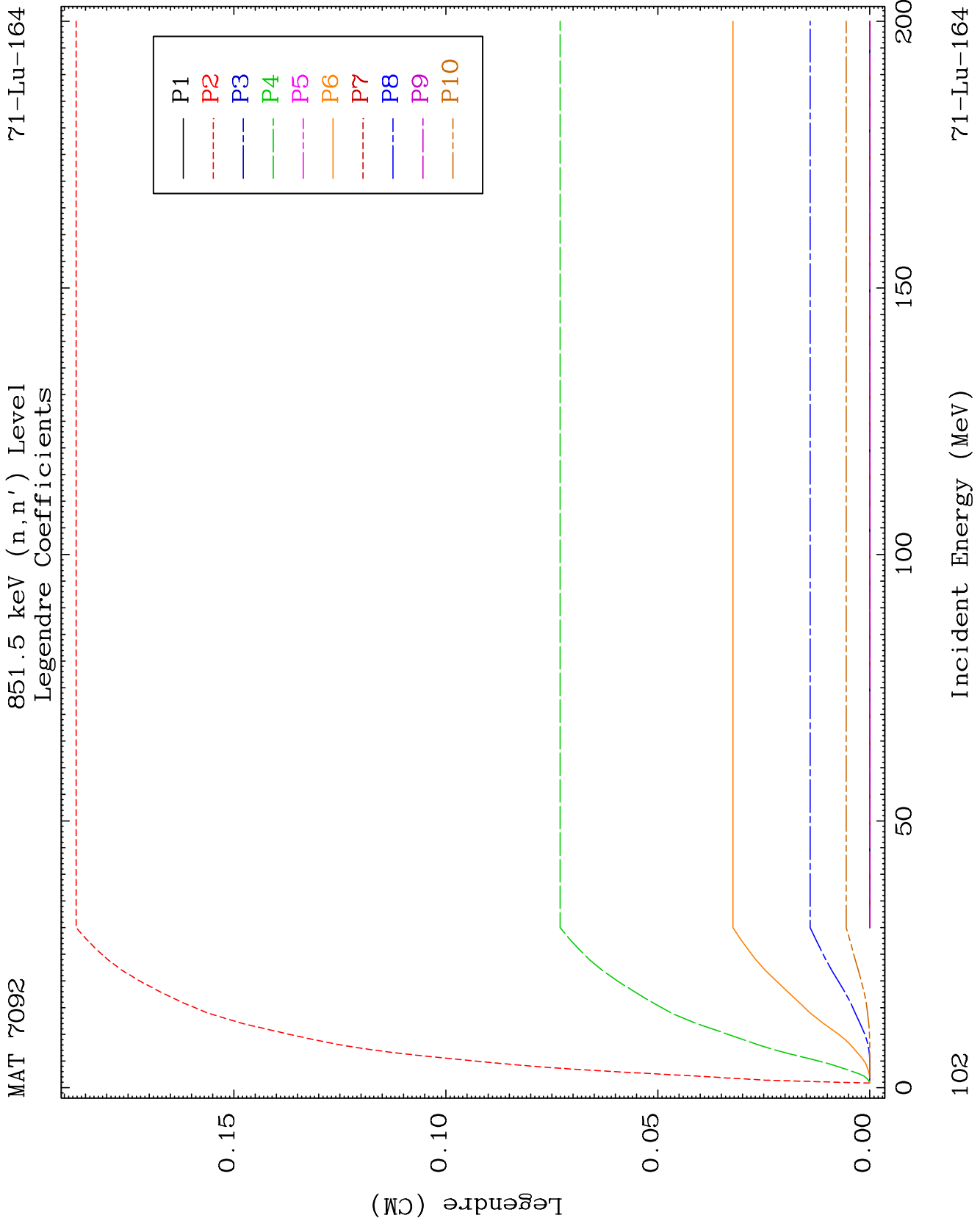
71-Lu-164

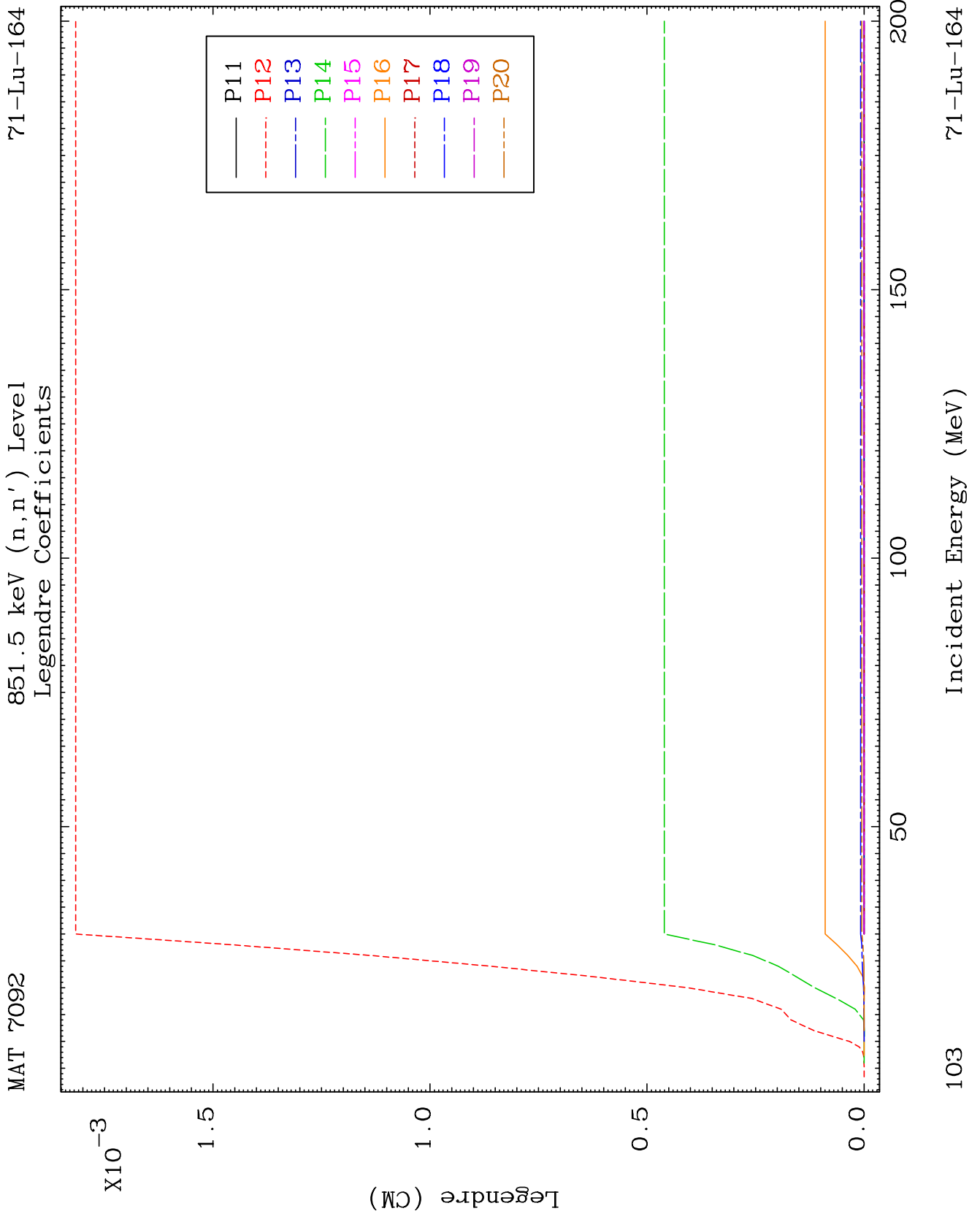




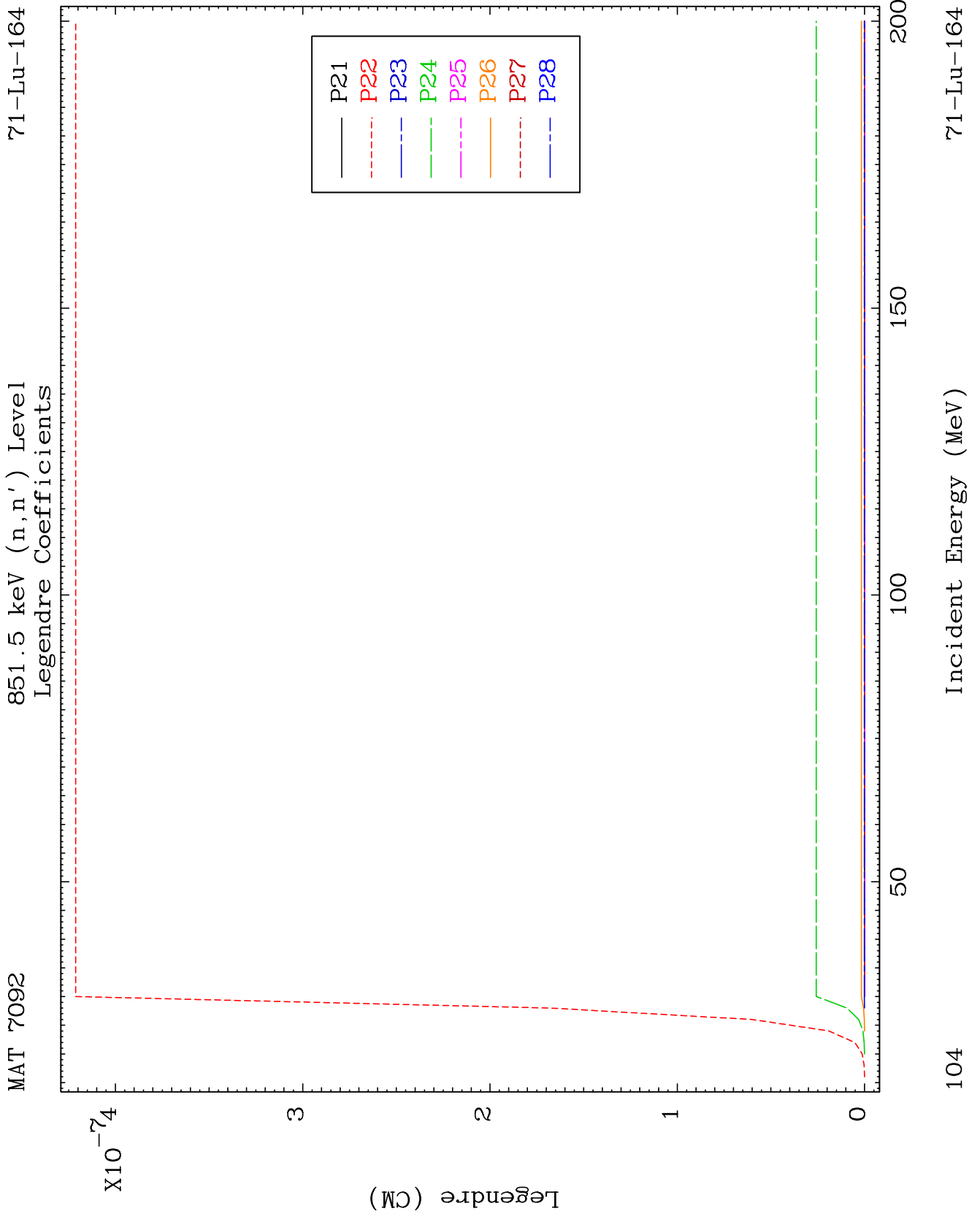


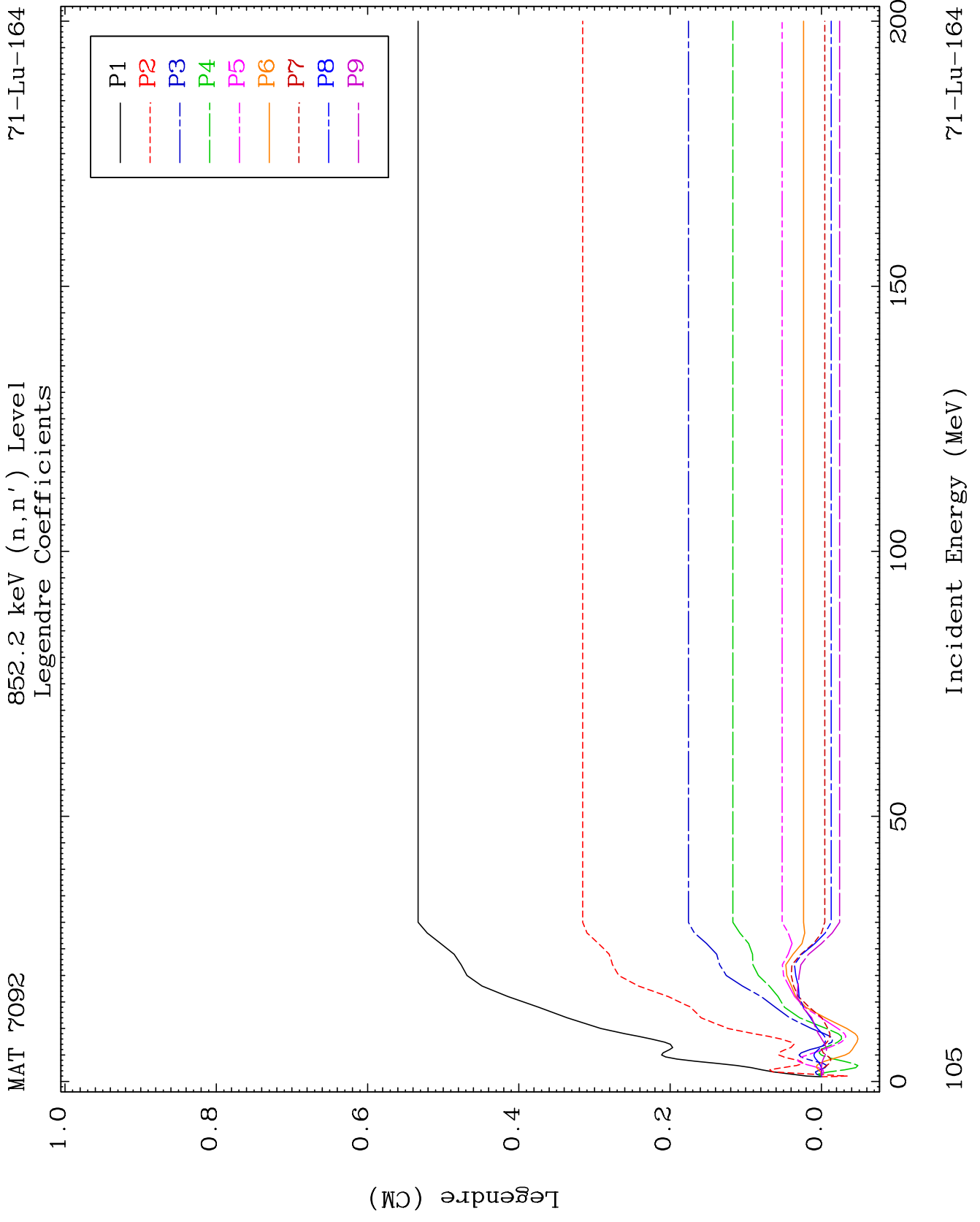


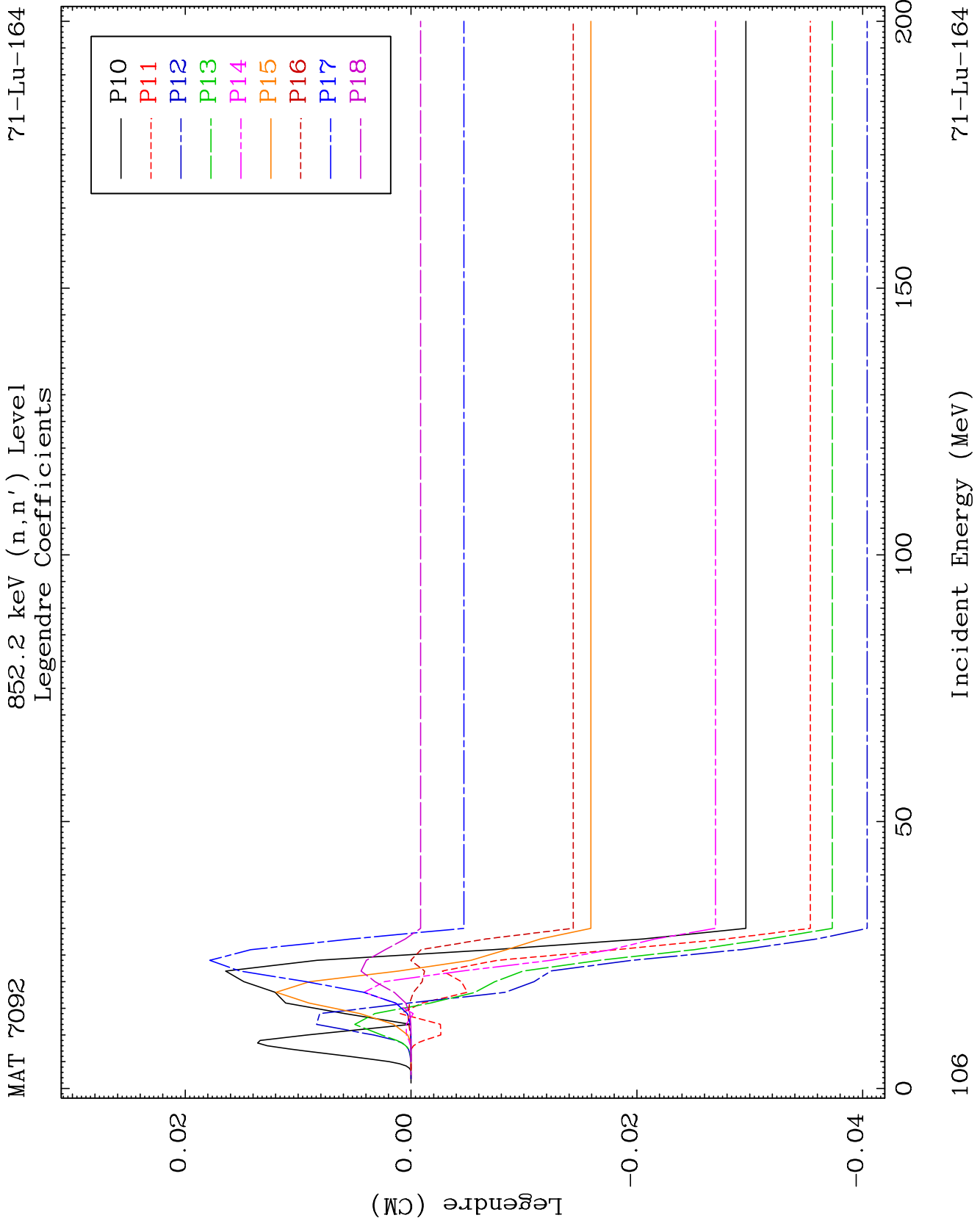


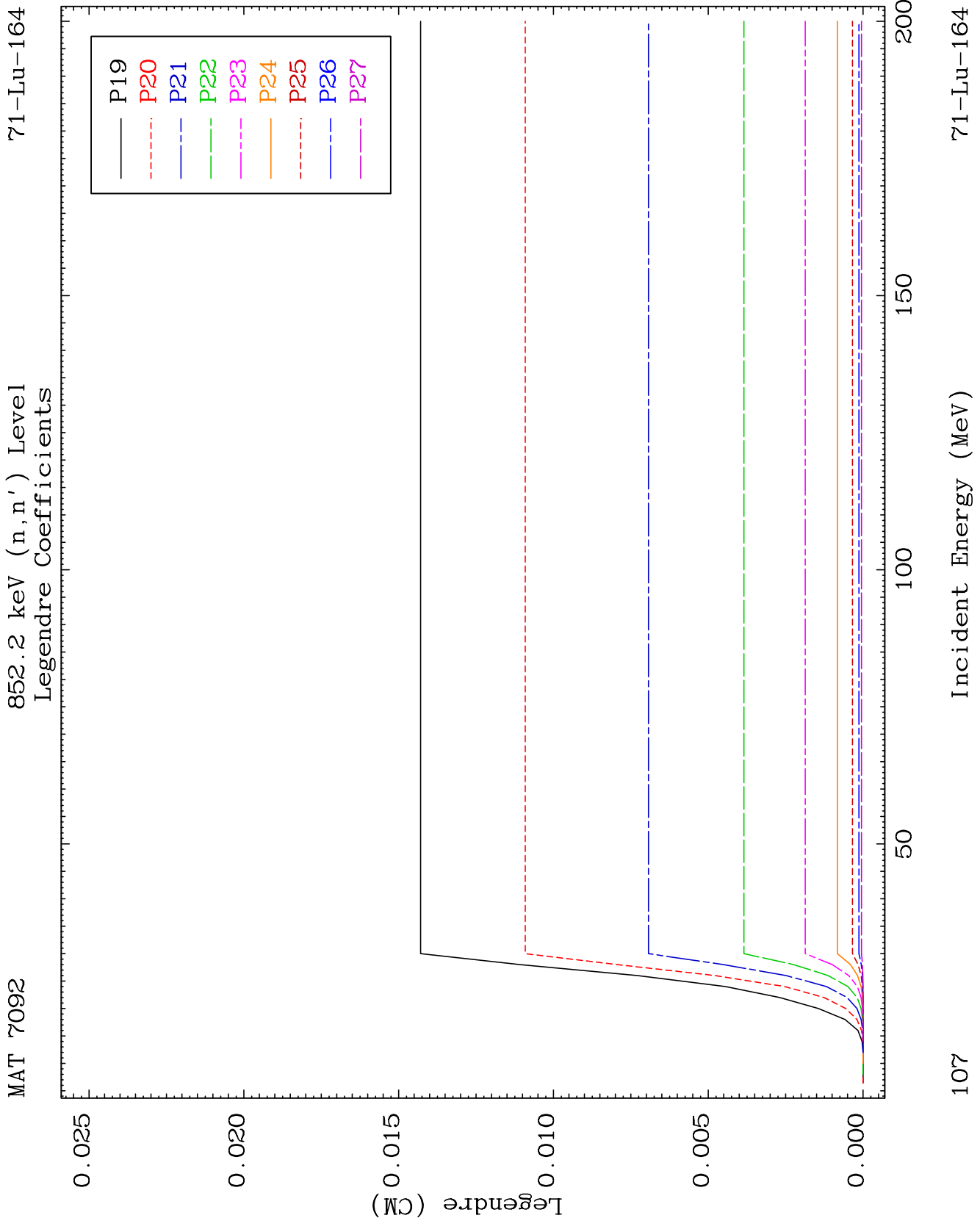


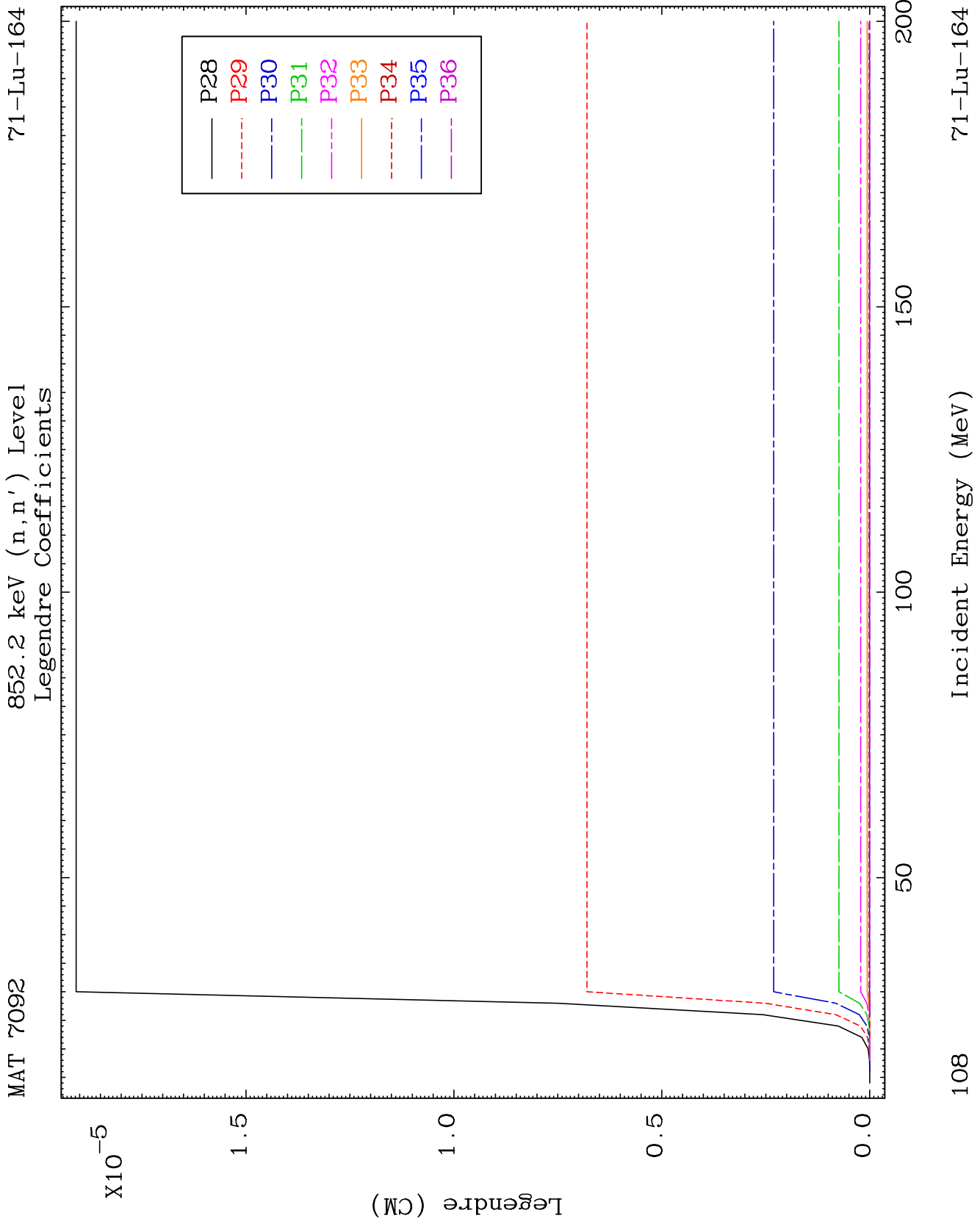




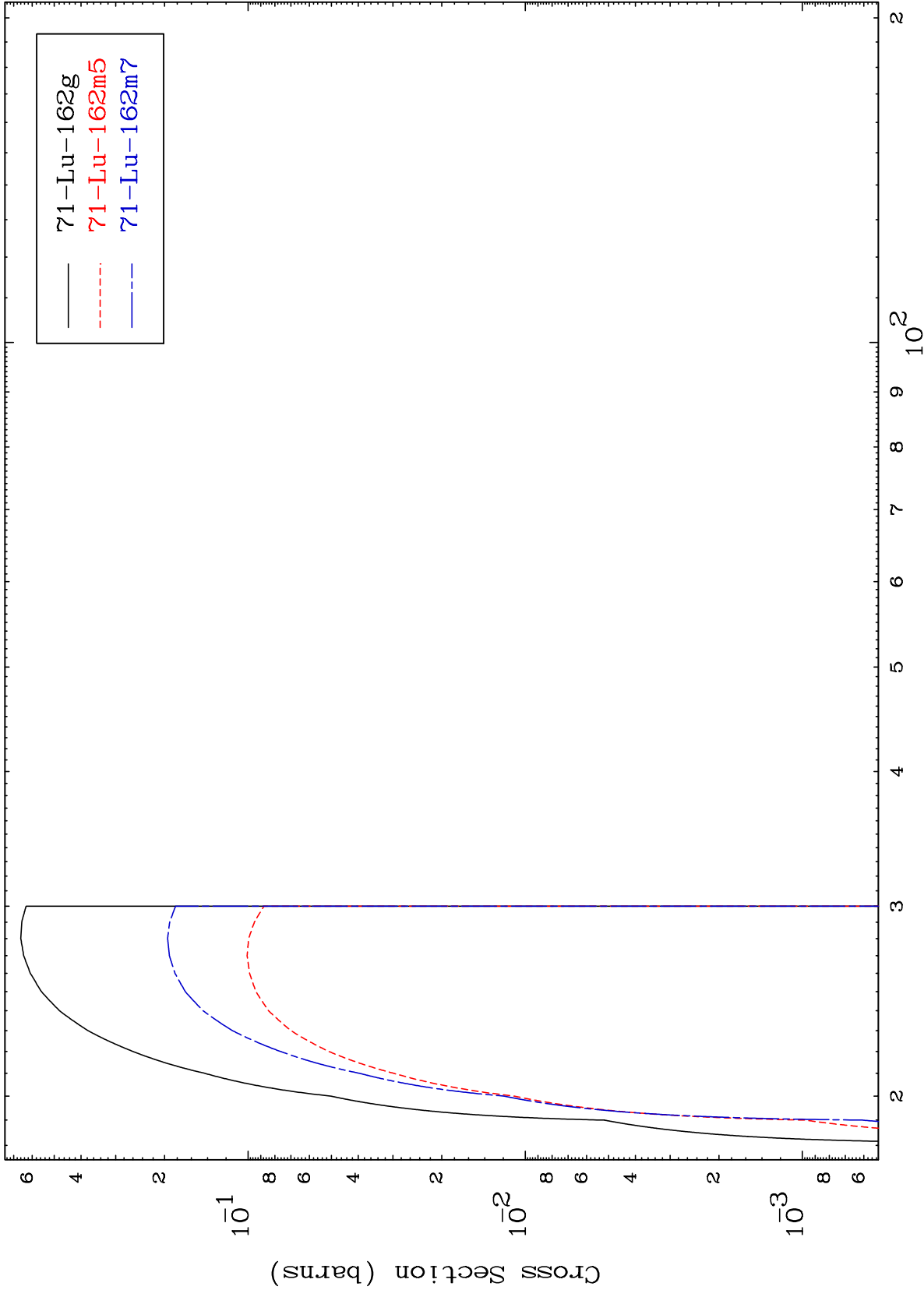








Radionuclide Production Cross Section

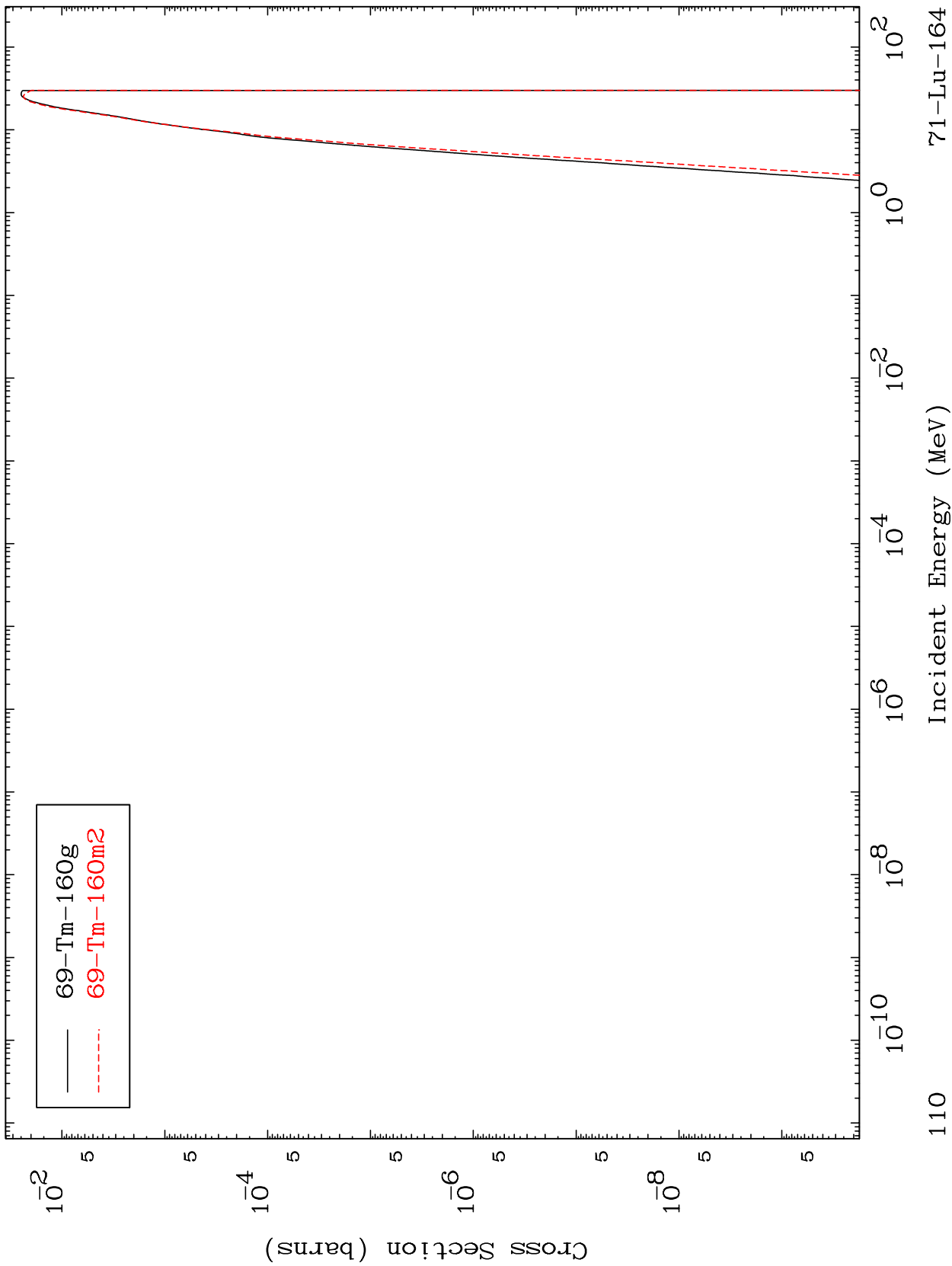


MAT 7092

$(n, n') \alpha$

$^{71}\text{Lu-164}$

Radionuclide Production Cross Section

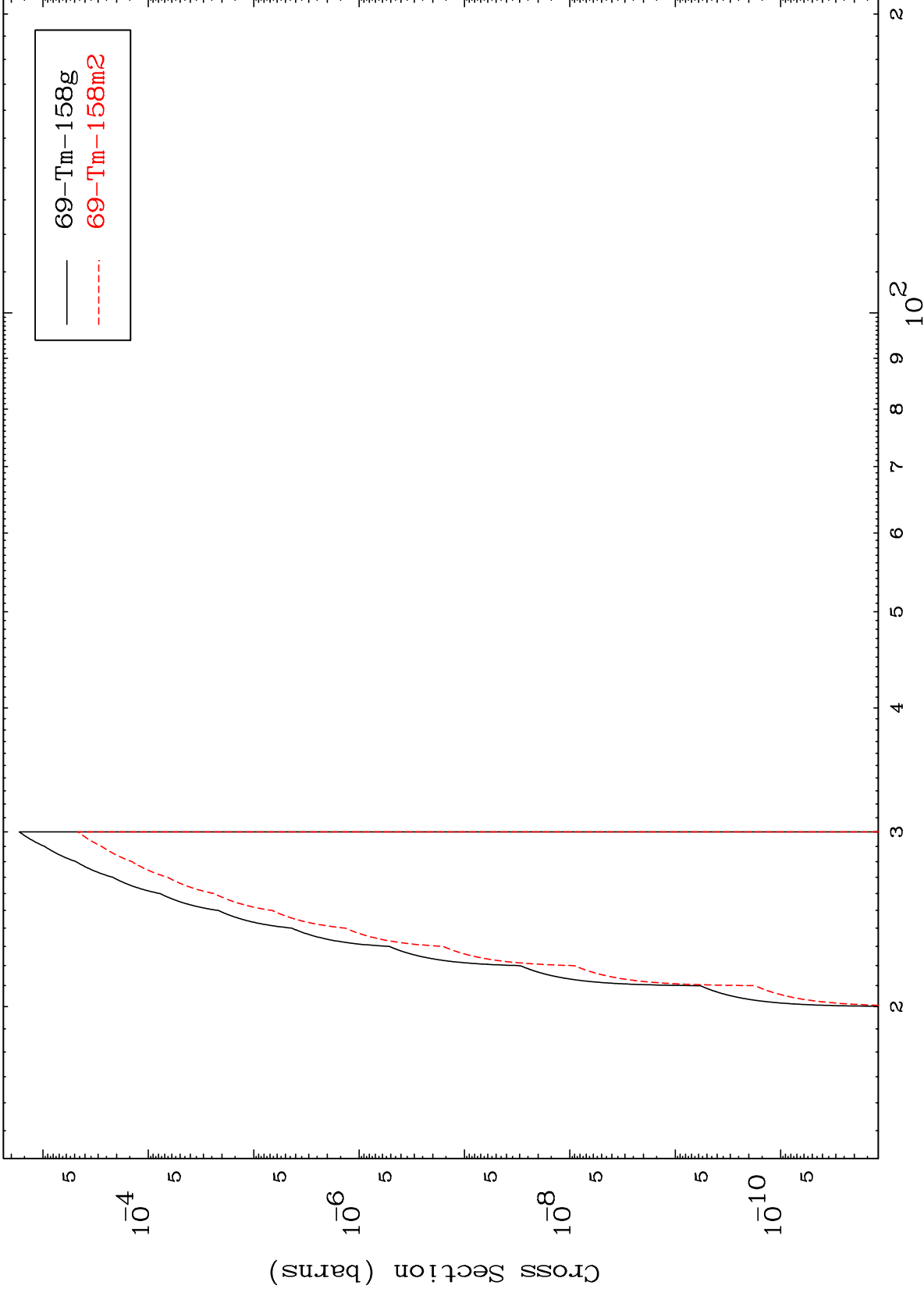


MAT 7092

$(n,3n) \alpha$

71-Lu-164

Radionuclide Production Cross Section



69-Tm-158g  
69-Tm-158m2

111

Incident Energy (MeV)

71-Lu-164

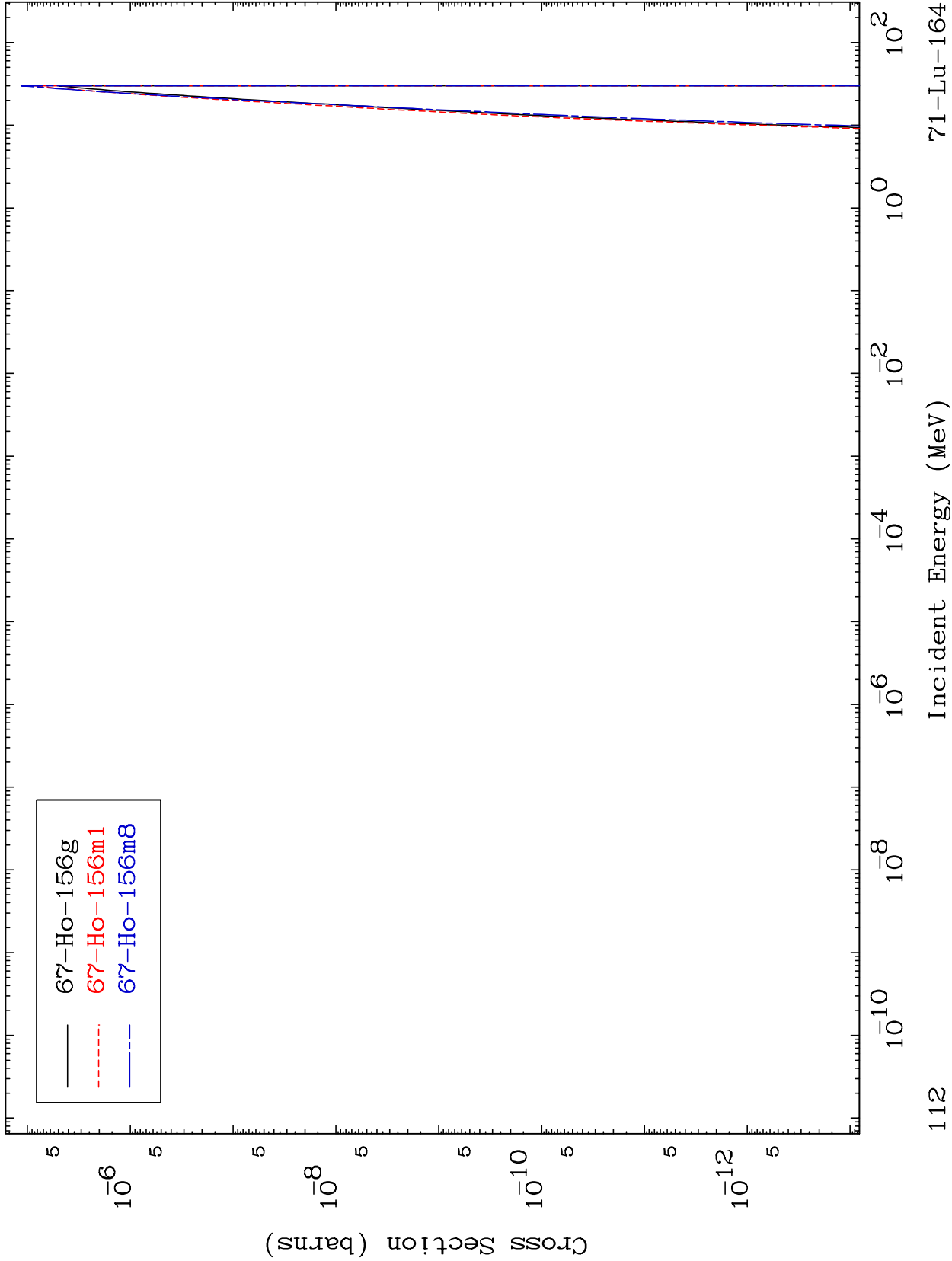


MAT 7092

(n,n') 2 $\alpha$

71-Lu-164

Radionuclide Production Cross Section

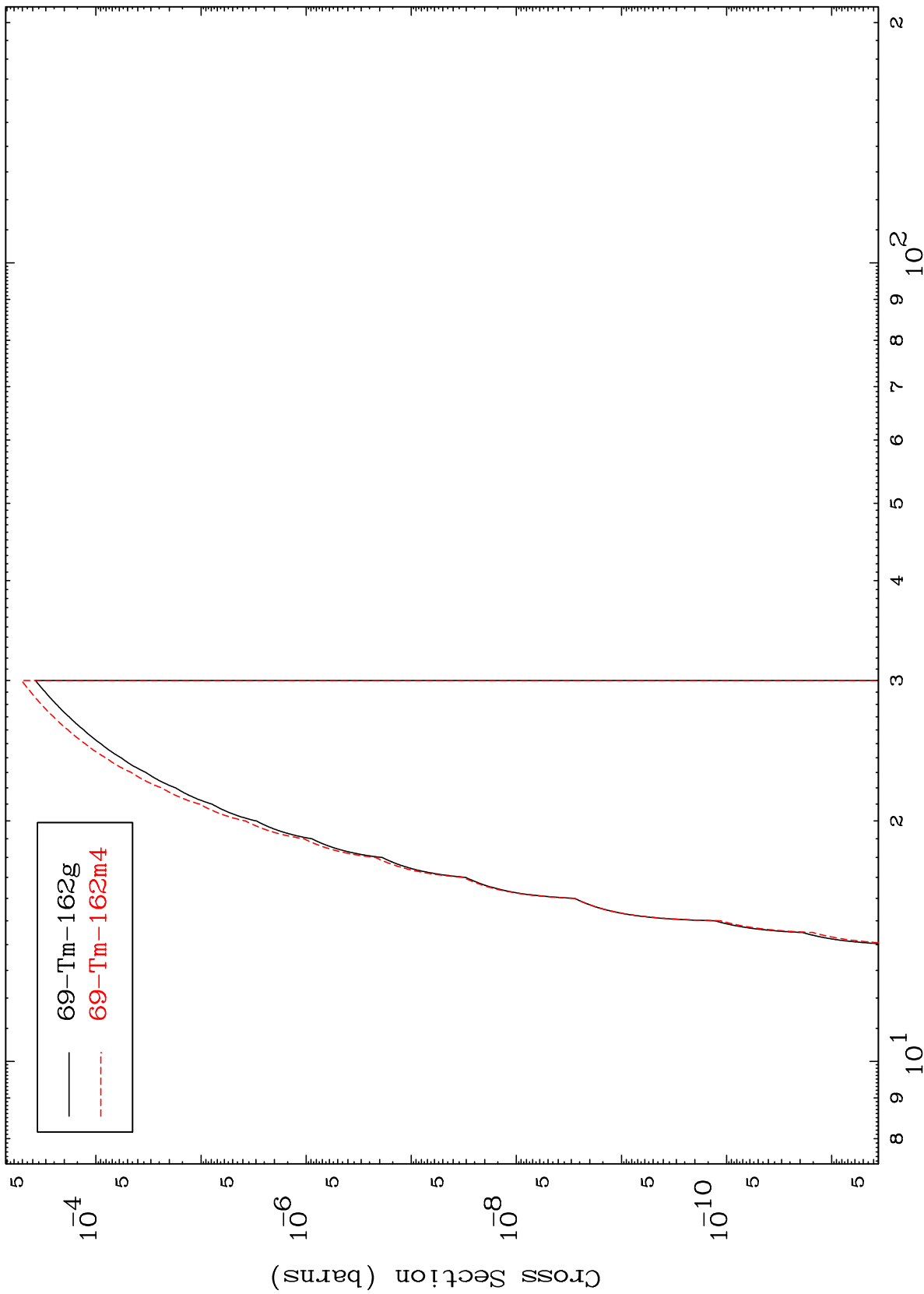


MAT 7092

(n,2n) p

71-Lu-164

Radionuclide Production Cross Section



113

Incident Energy (MeV)

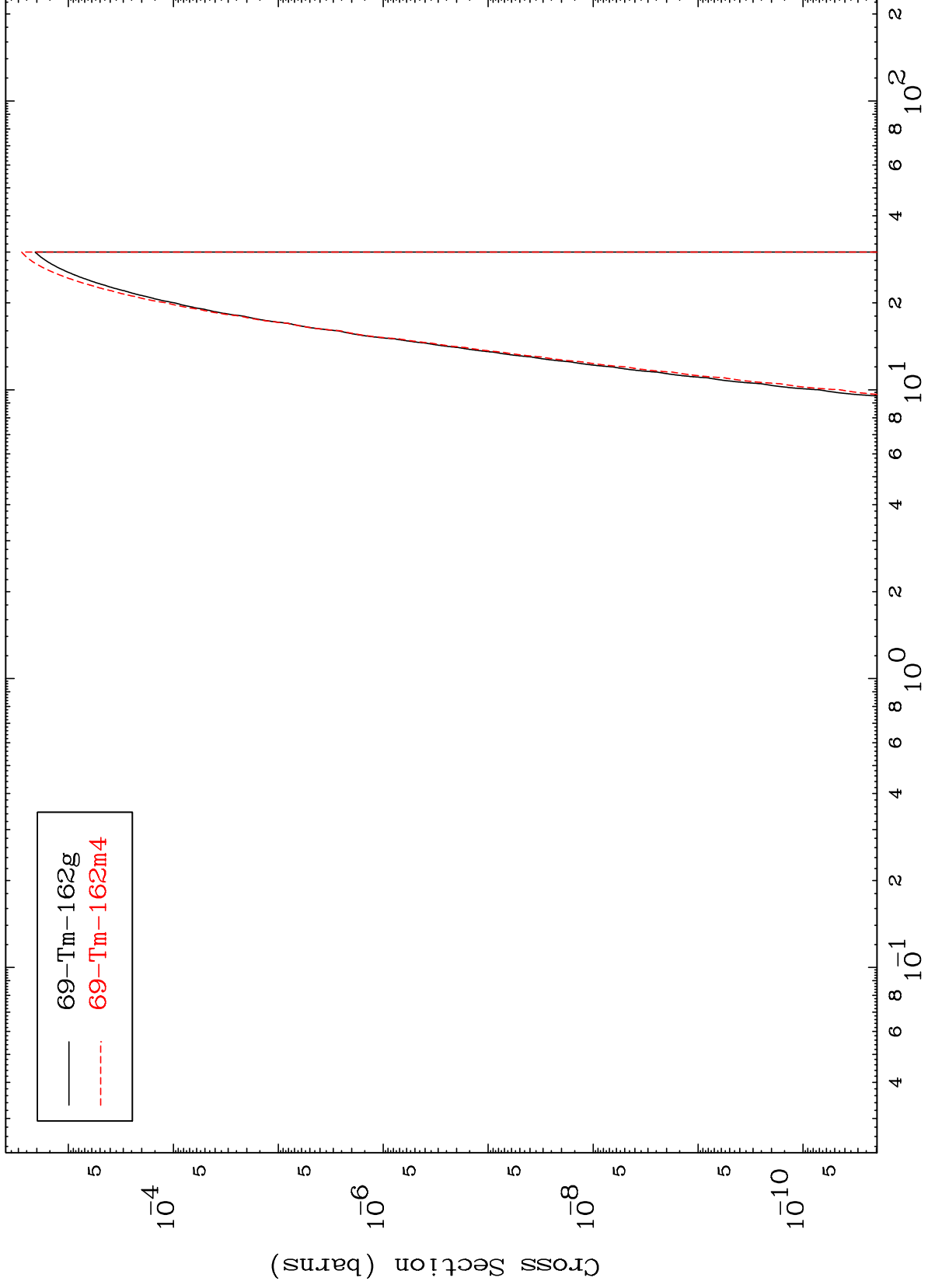
71-Lu-164

MAT 7092

(n,He-3)

71-Lu-164

Radionuclide Production Cross Section



114

Incident Energy (MeV)

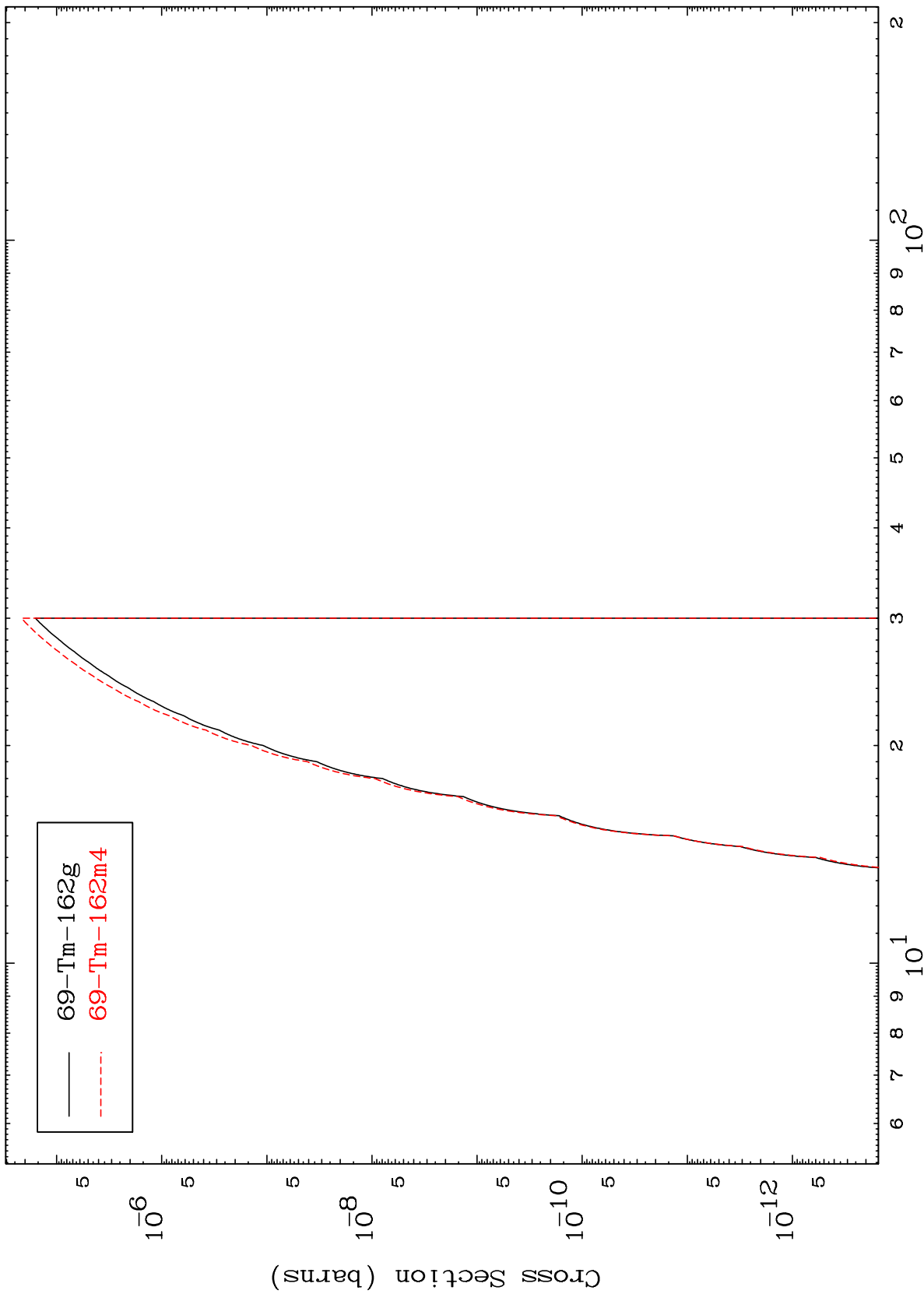
71-Lu-164

MAT 7092

(n,p) d

<sup>71</sup>Lu-164

Radionuclide Production Cross Section



115

Incident Energy (MeV)

<sup>71</sup>Lu-164