

Program EVALPLOT  
(Version 2018-1)

by

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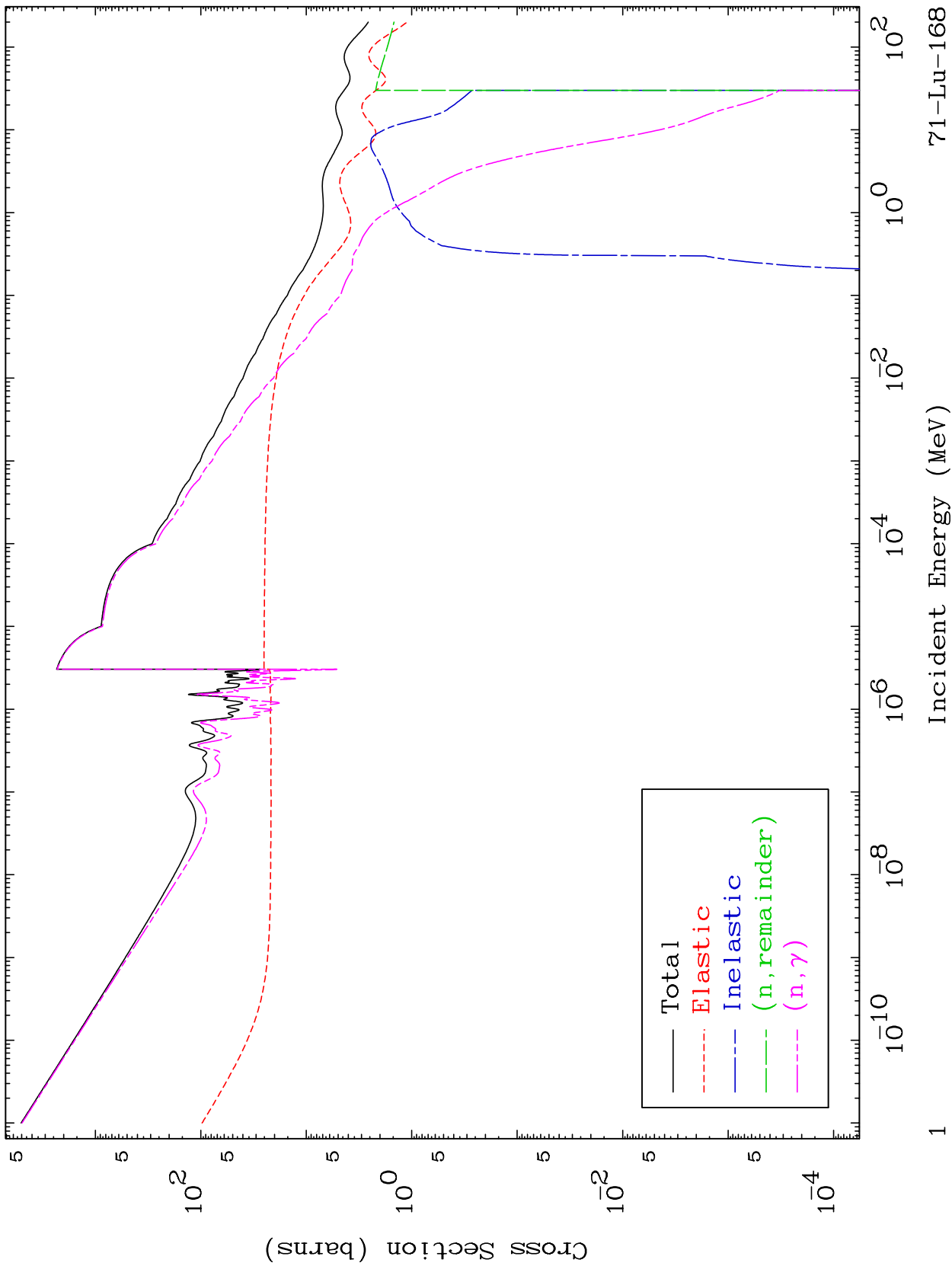
Press Mouse Button to Start

MAT 7104

Major

293 Kelvin Cross Sections

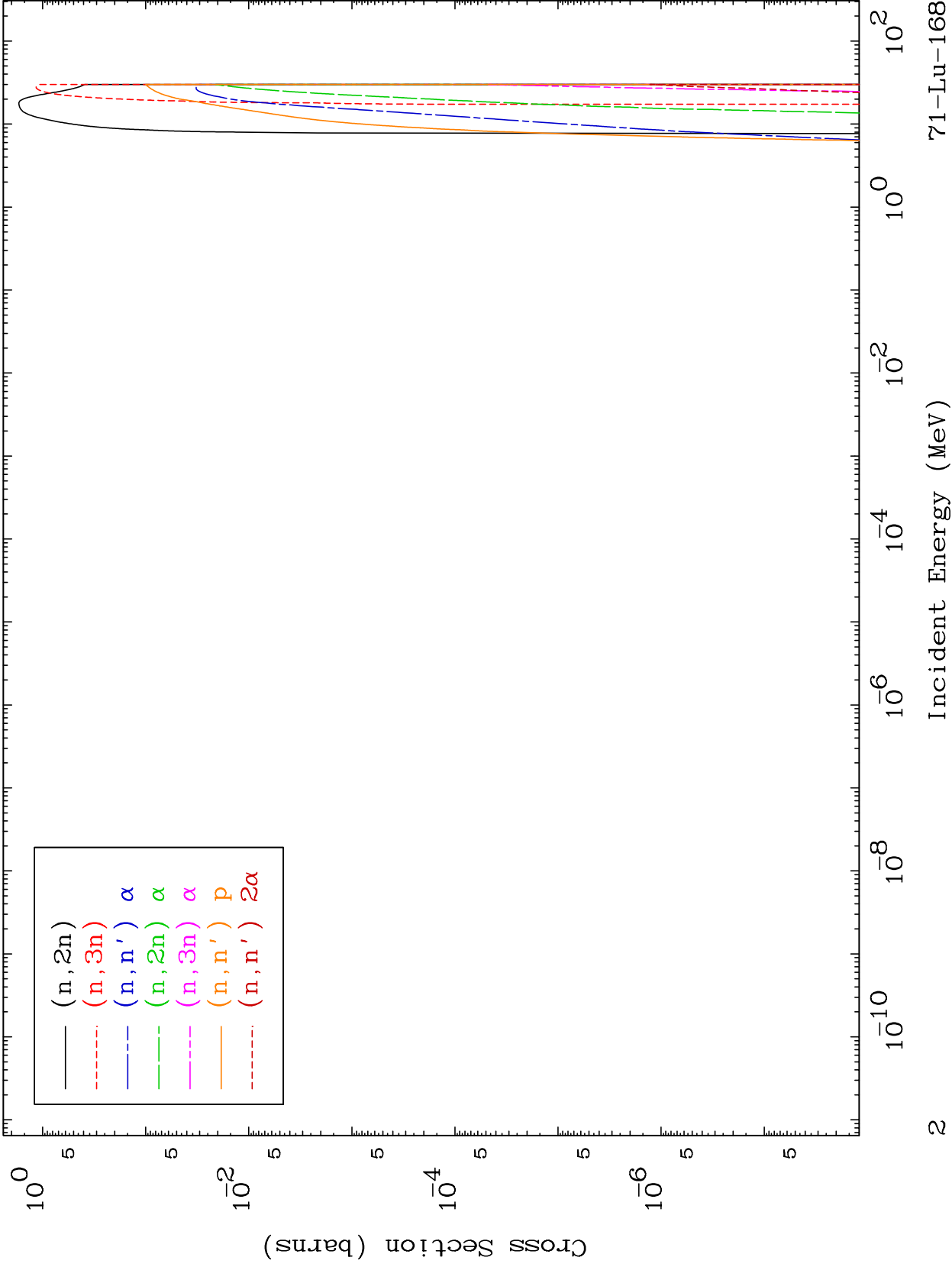
71-Lu-168

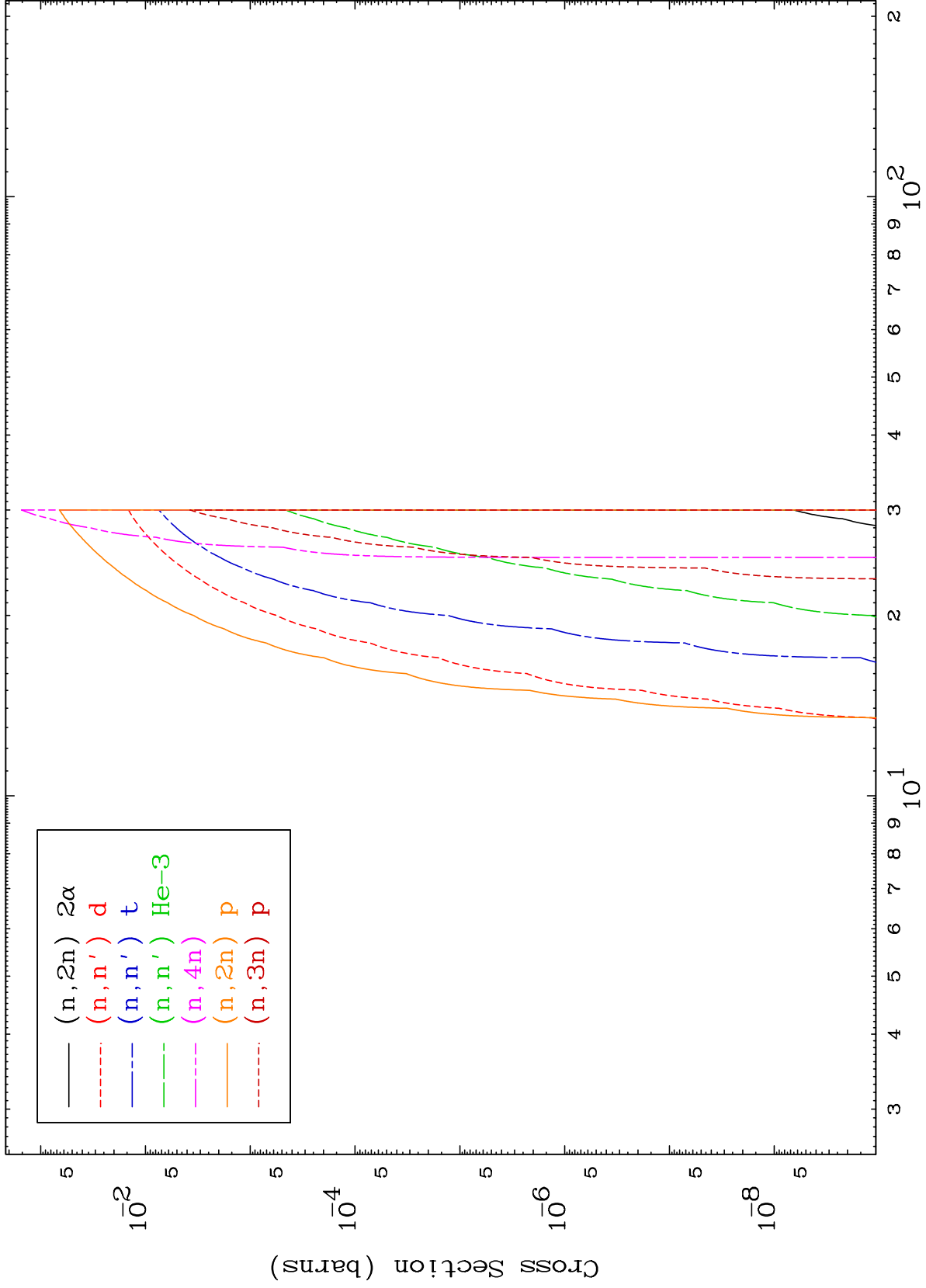


MAT 7104

Neutron Production  
293 Kelvin Cross Sections

71-Lu-168

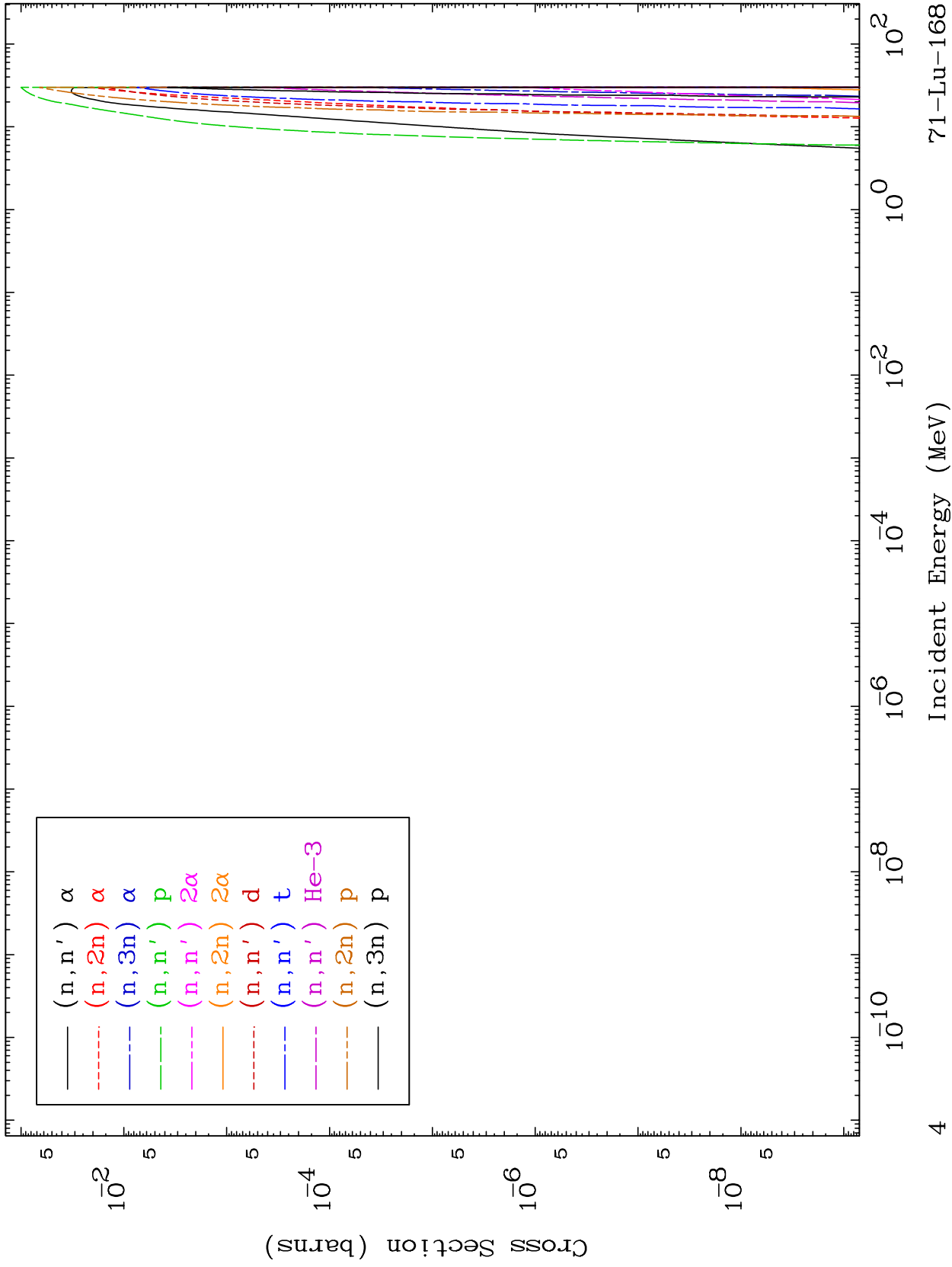




MAT 7104

Charged Particle  
293 Kelvin Cross Sections

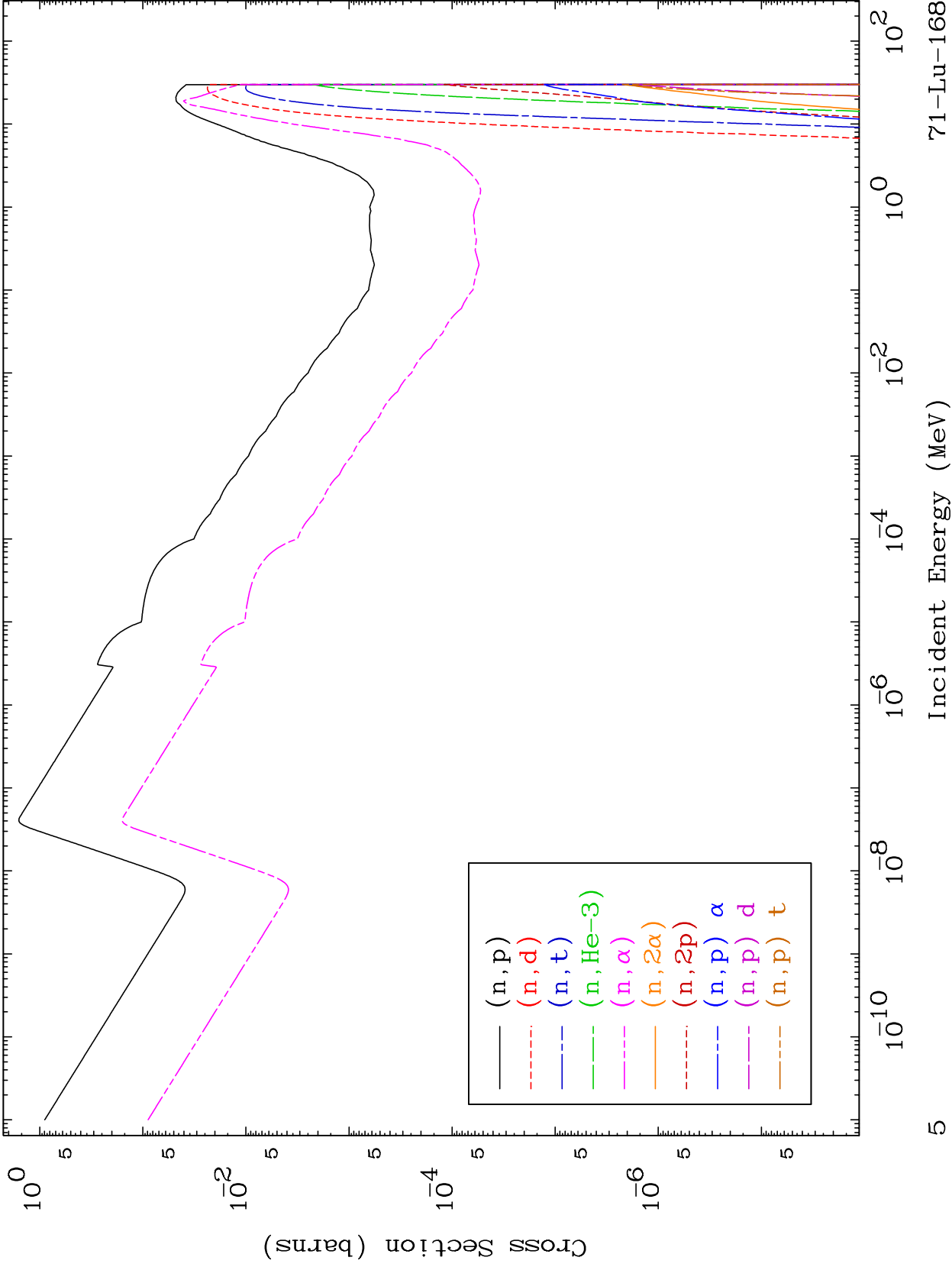
71-Lu-168



MAT 7104

Charged Particle  
293 Kelvin Cross Sections

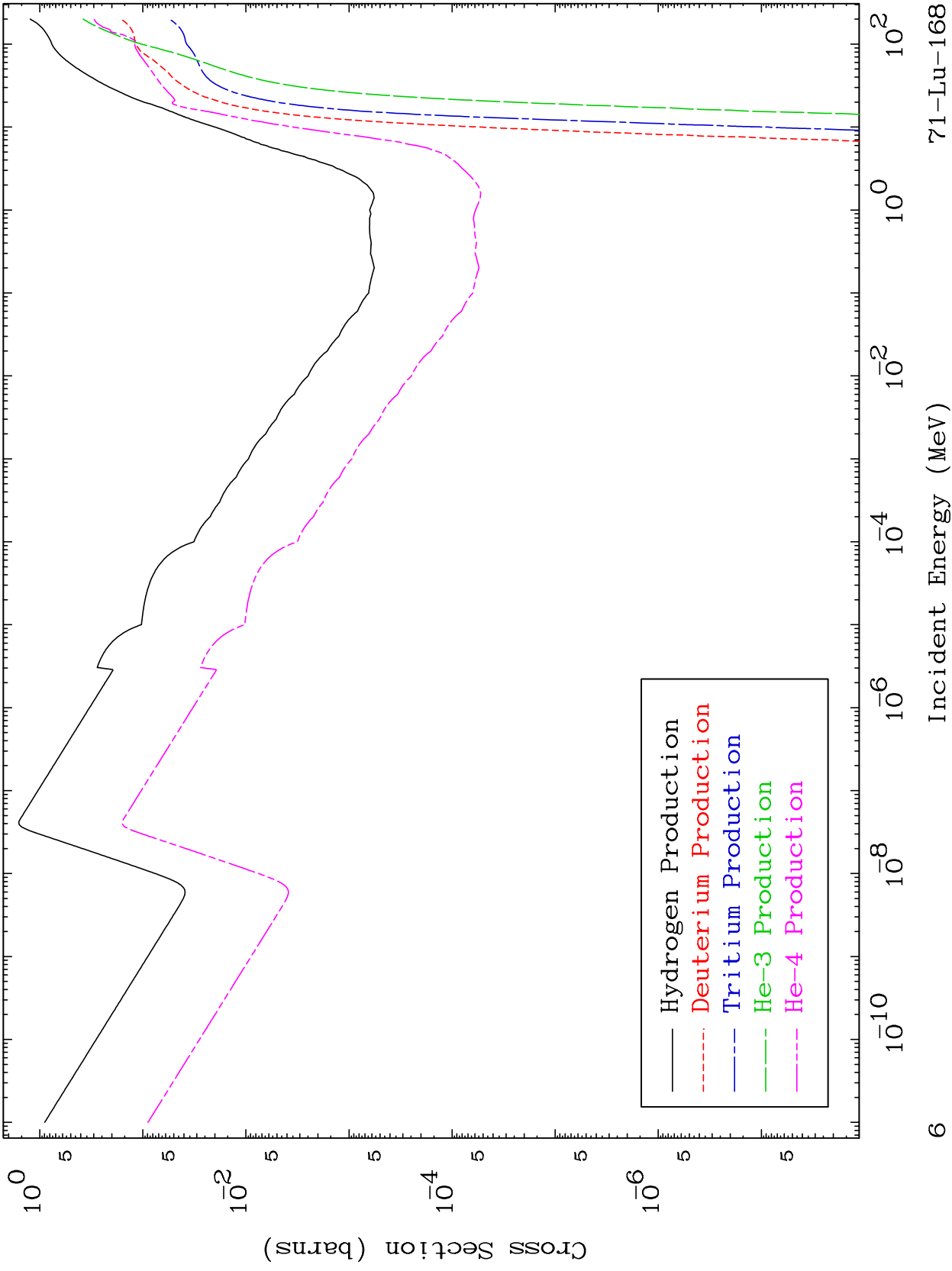
71-Lu-168



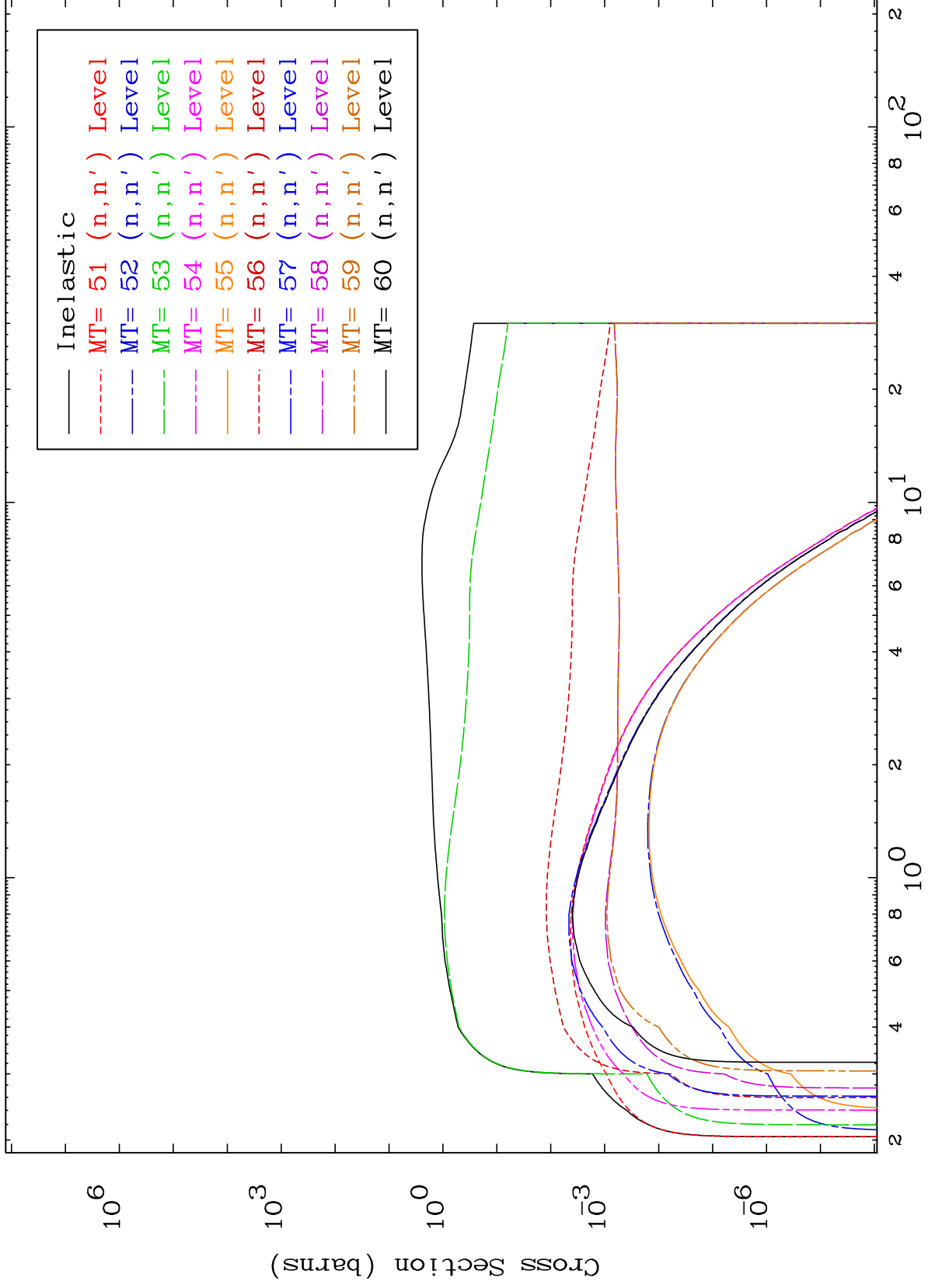
MAT 7104

Particle Production  
293 Kelvin Cross Sections

71-Lu-168



293 Kelvin Cross Sections

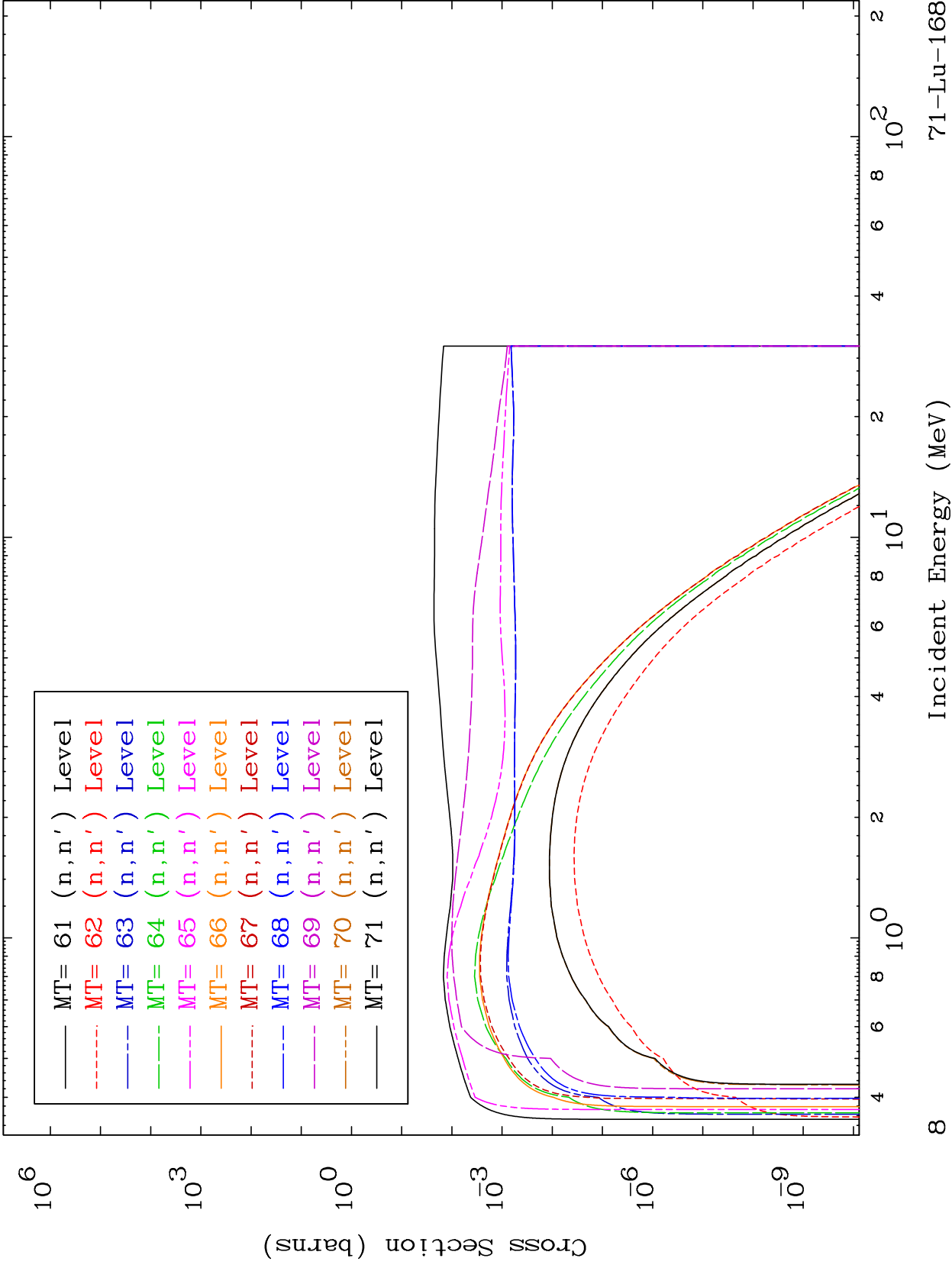




MAT 7104

(n,n') Level  
293 Kelvin Cross Sections

71-Lu-168



8

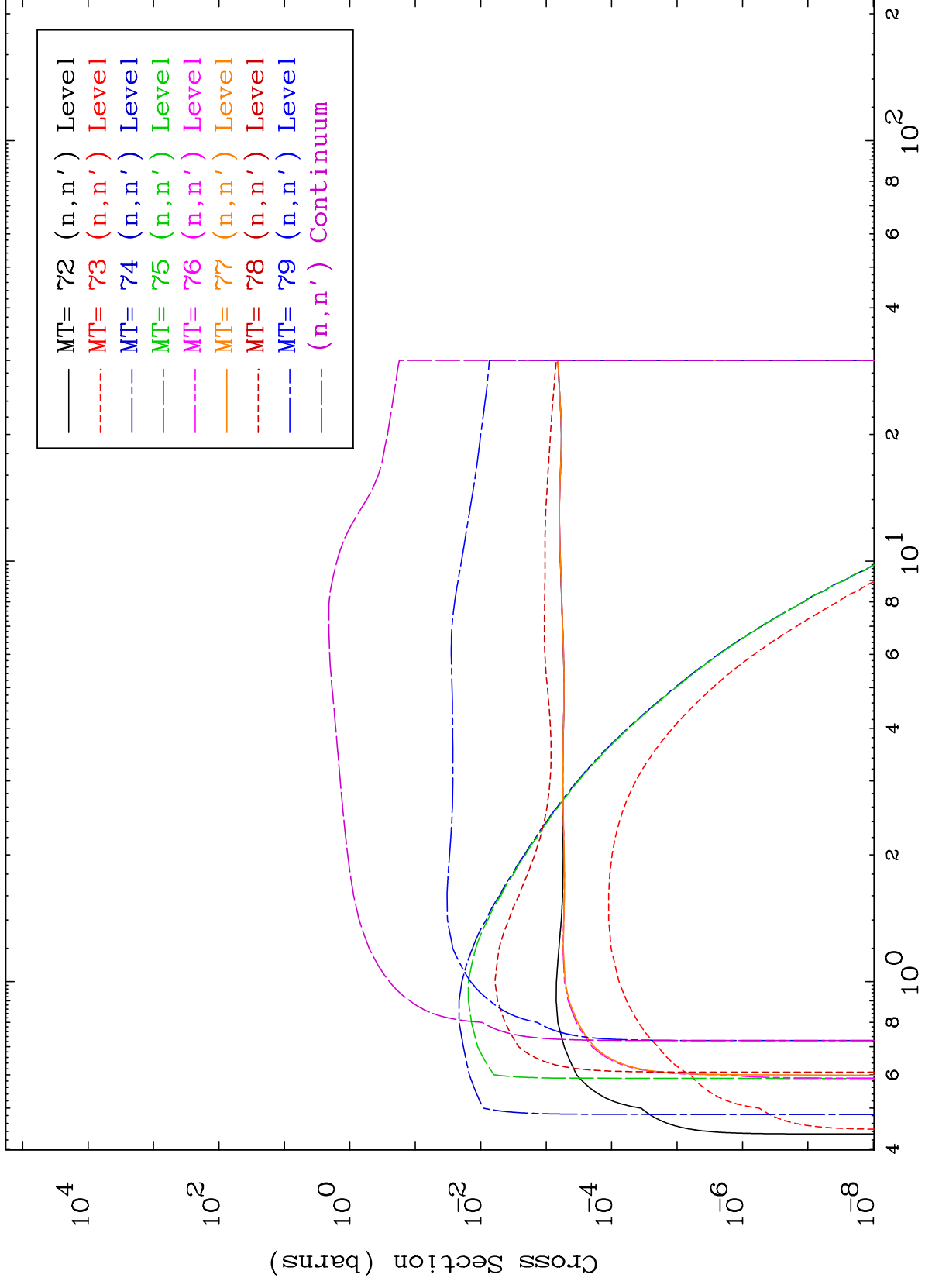
71-Lu-168

MAT 7104

(n,n') Level

71-Lu-168

293 Kelvin Cross Sections



9

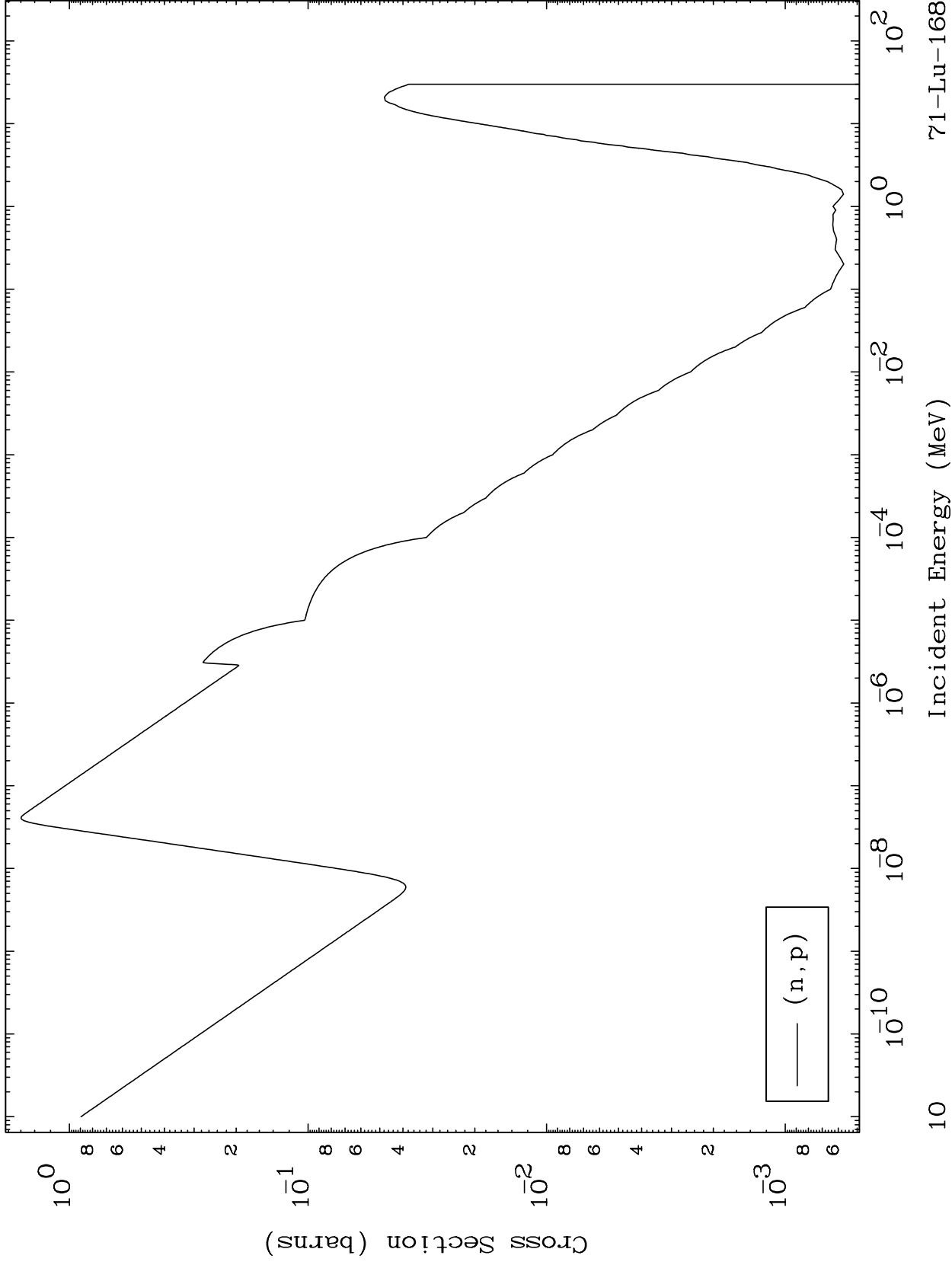
Incident Energy (MeV)

71-Lu-168

MAT 7104

(n,p) Levels  
293 Kelvin Cross Sections

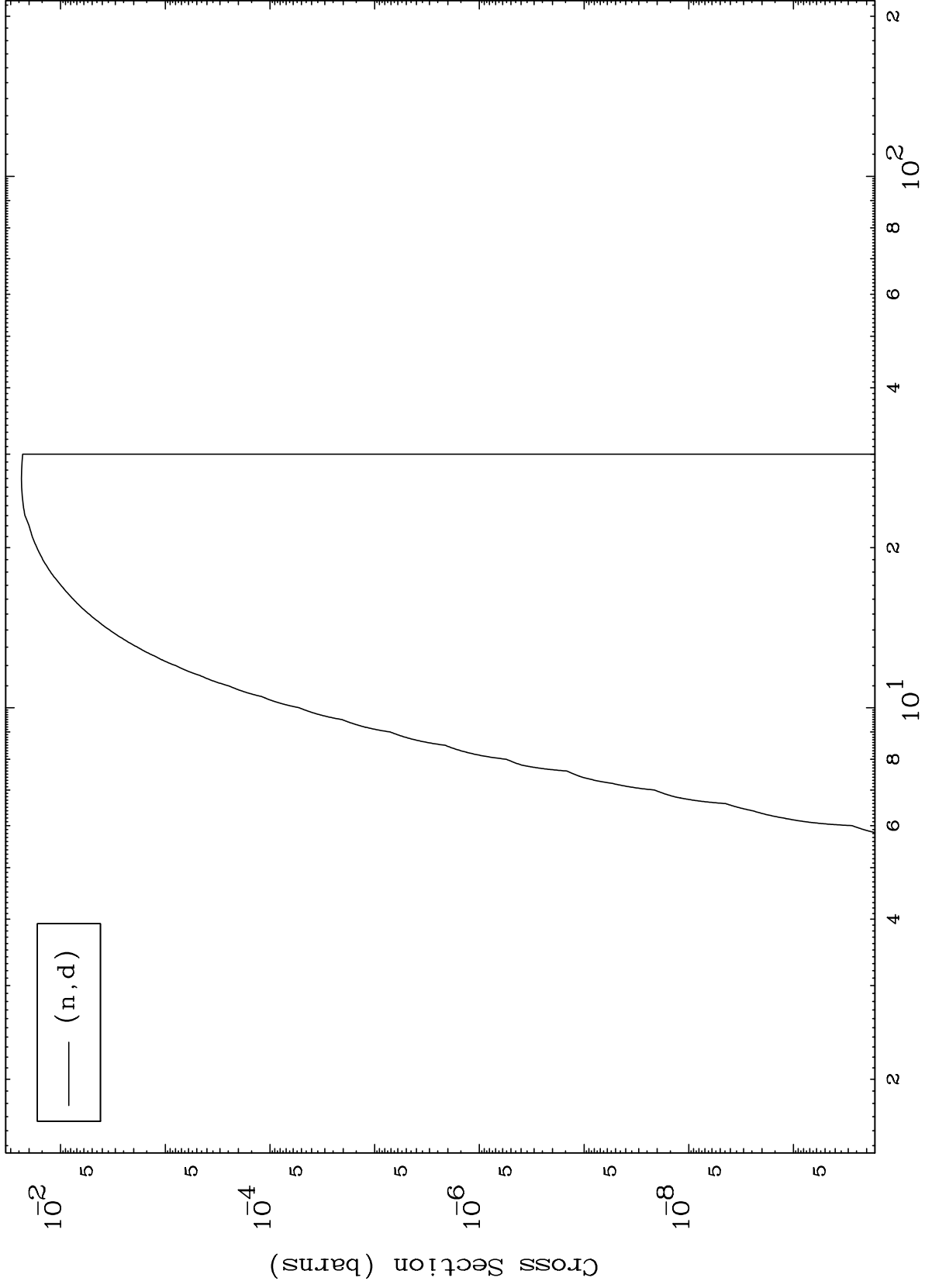
71-Lu-168



MAT 7104

(n,d) Levels  
293 Kelvin Cross Sections

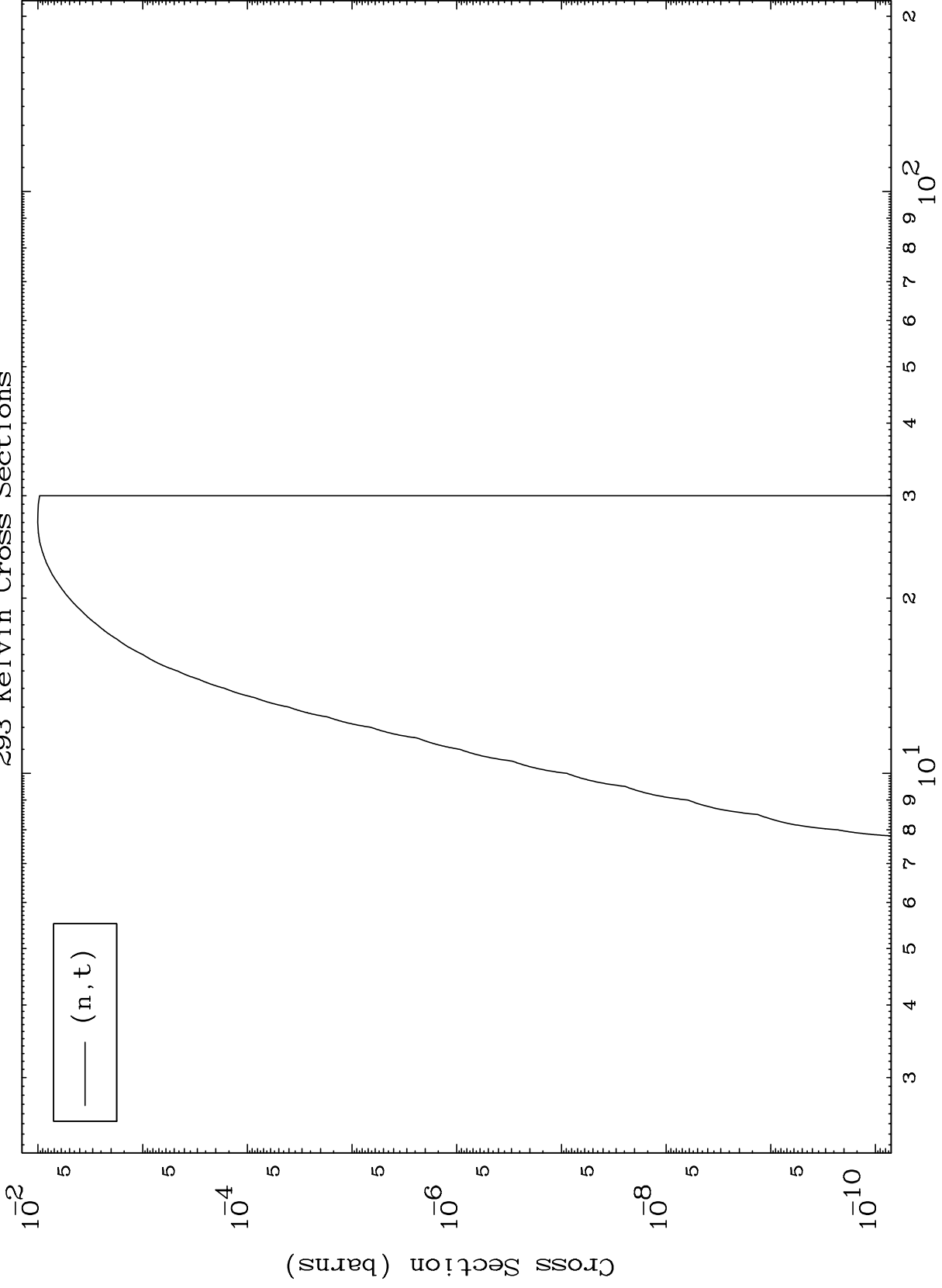
71-Lu-168



MAT 7104

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-168



12

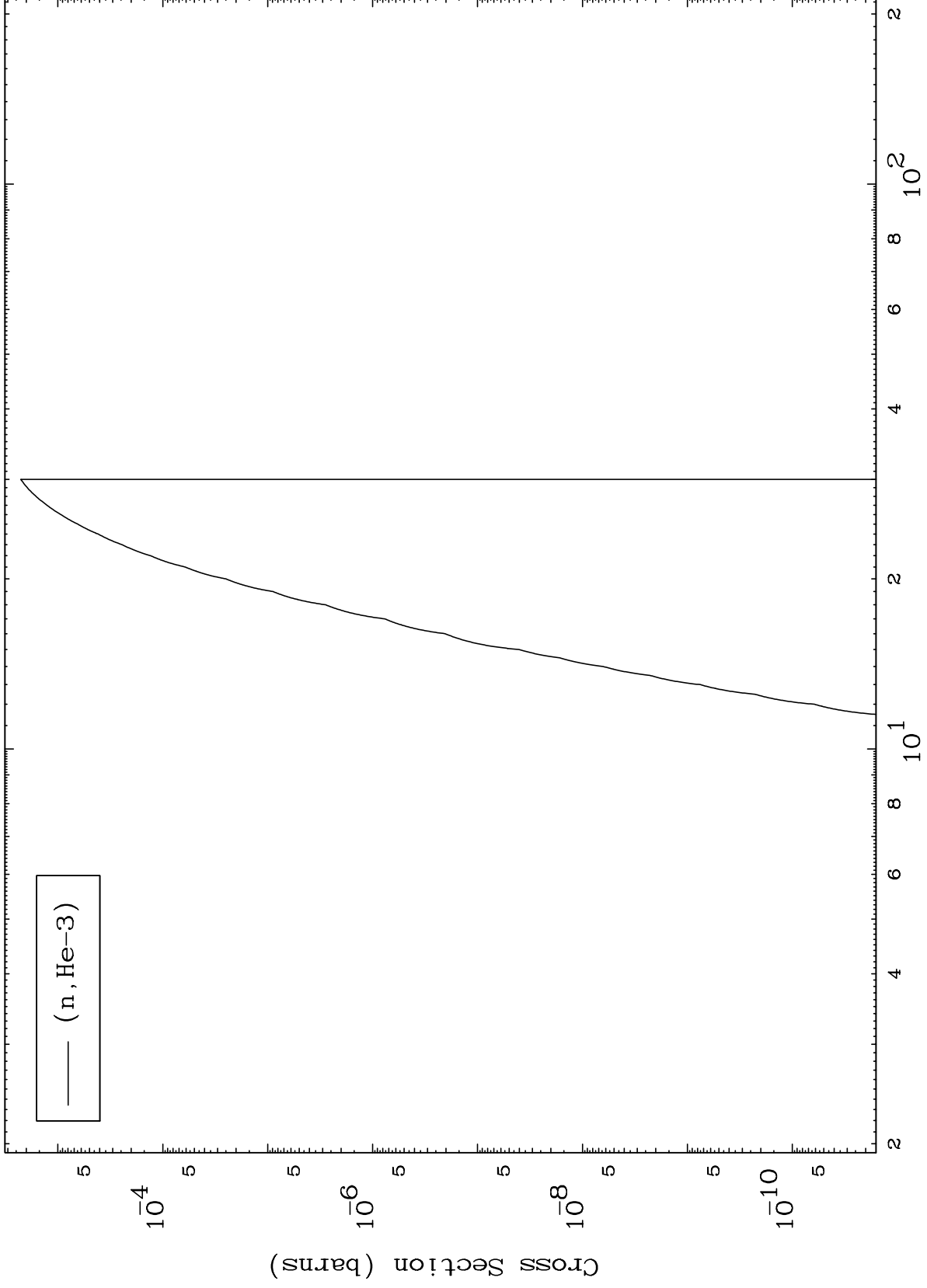
Incident Energy (MeV)

71-Lu-168

MAT 7104

(n,He3) Levels  
293 Kelvin Cross Sections

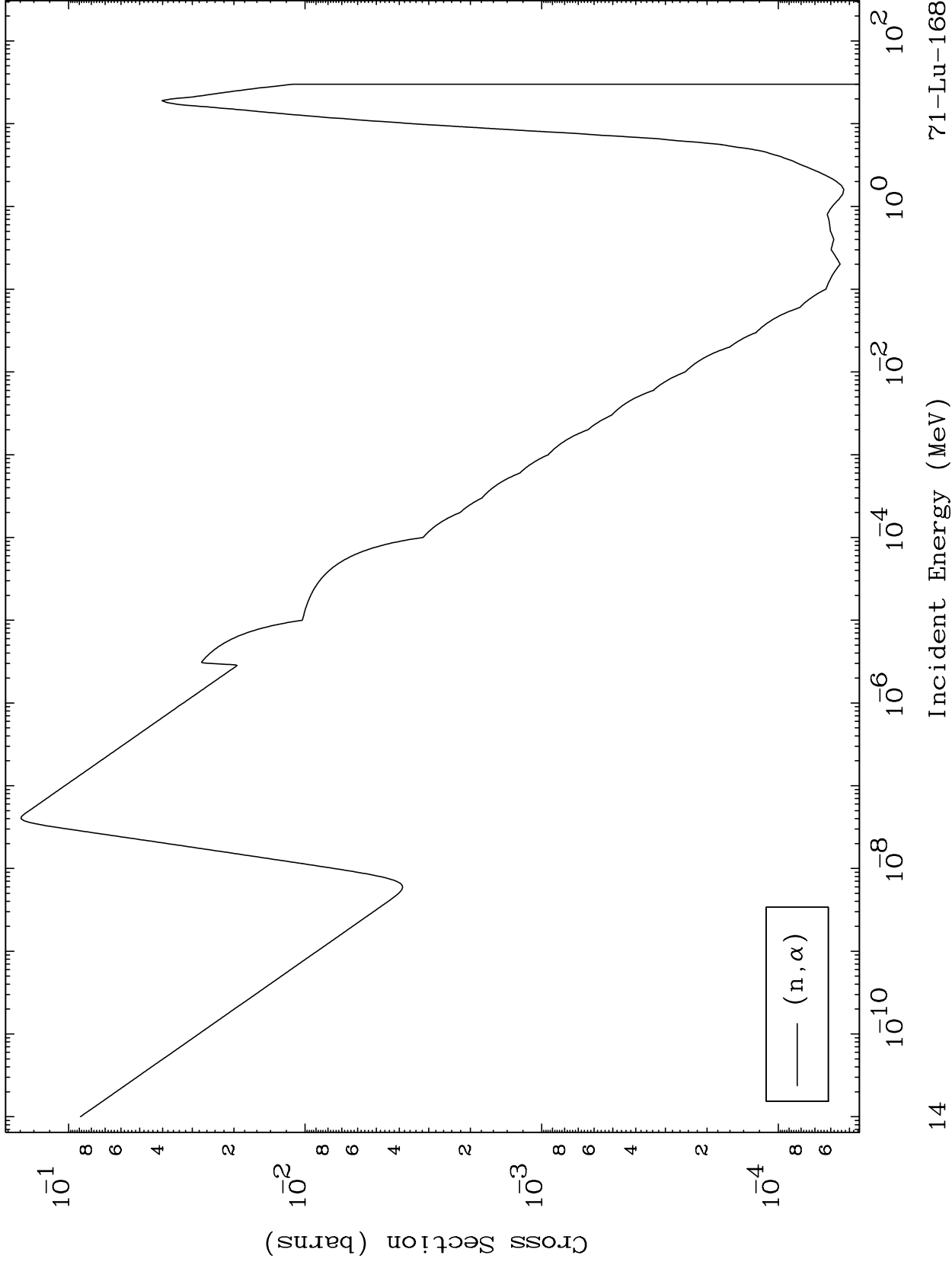
71-Lu-168



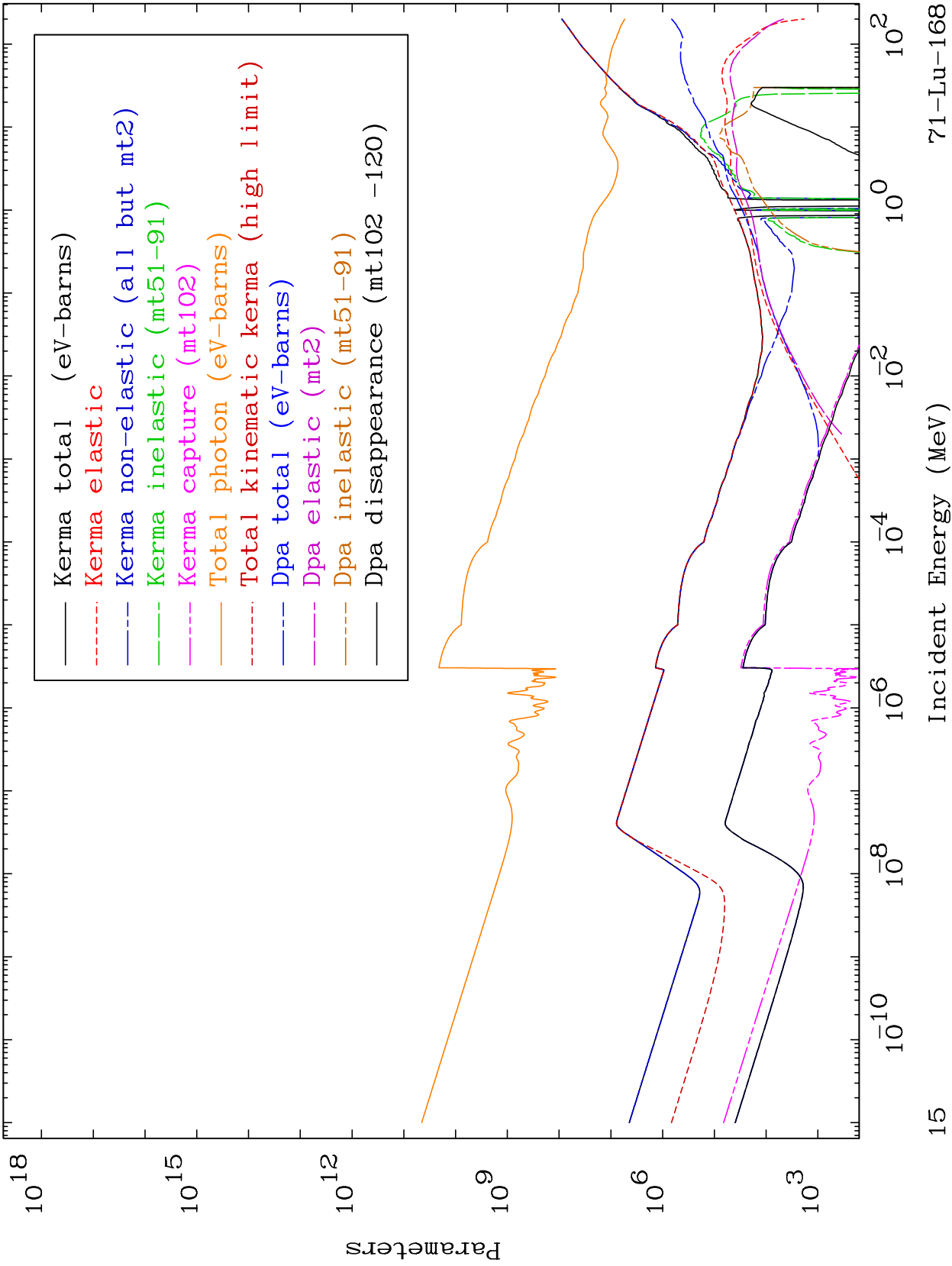
MAT 7104

(n,α) Levels  
293 Kelvin Cross Sections

71-Lu-168



71-Lu-168

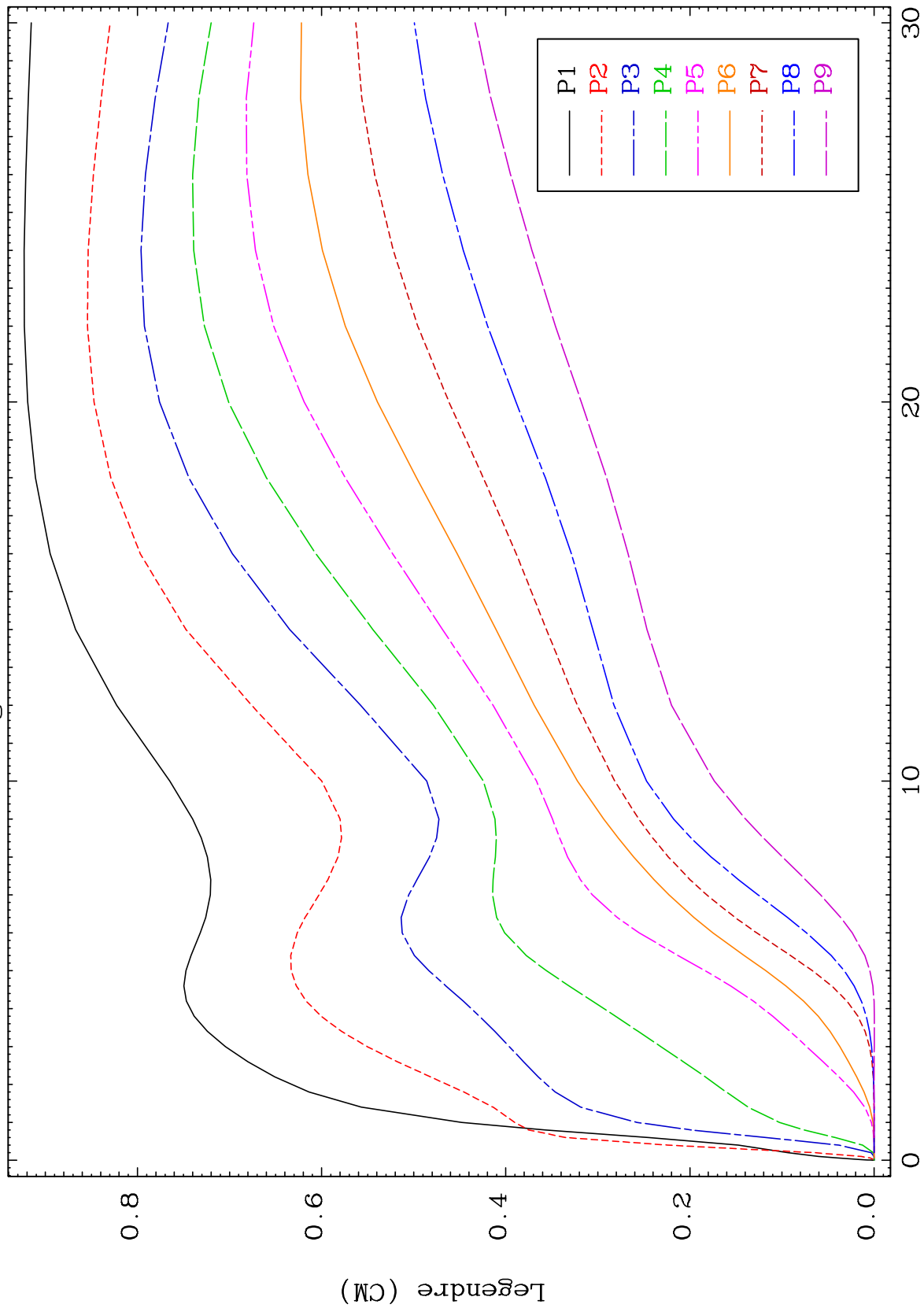




MAT 7104

71-Lu-168

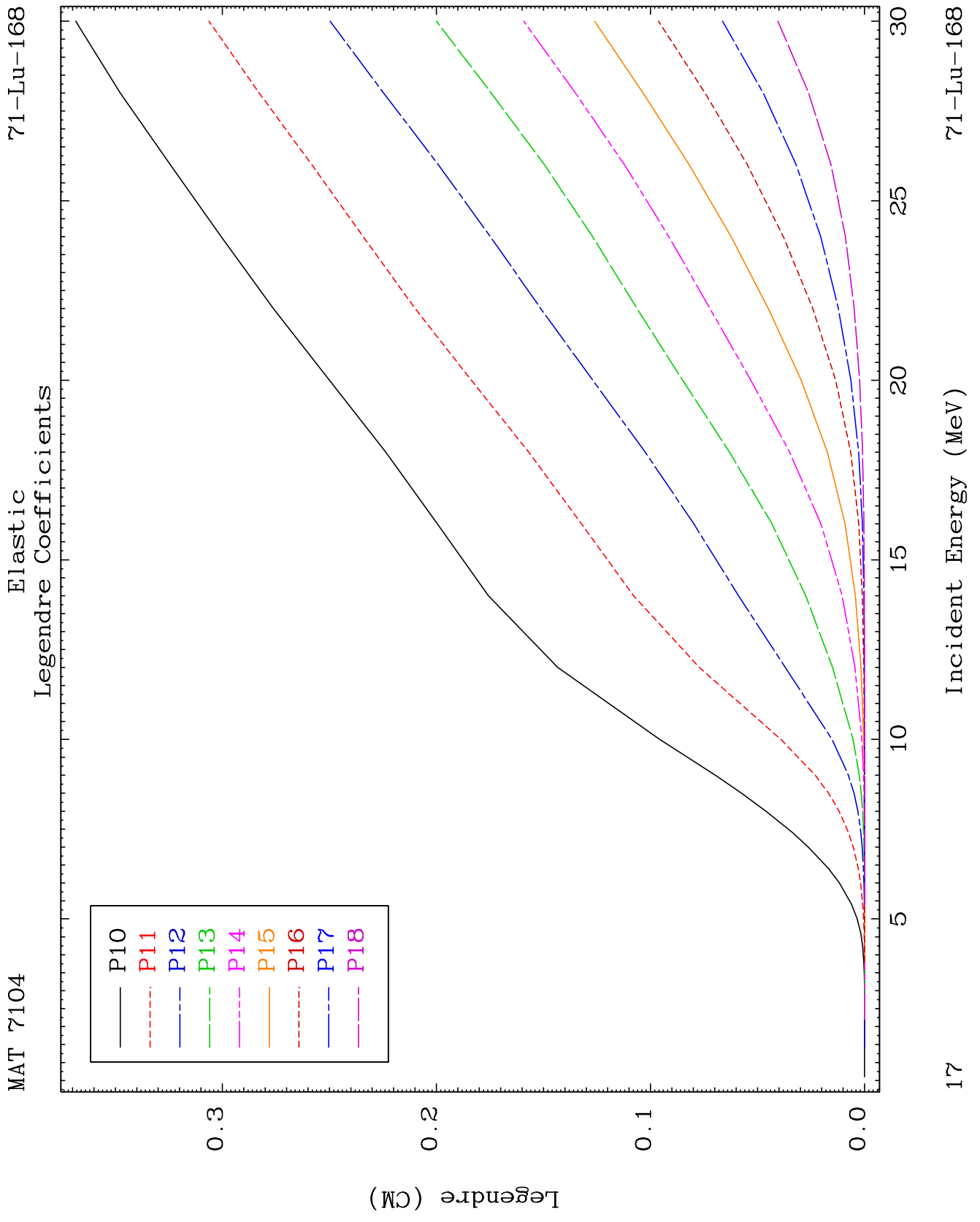
Elastic Legendre Coefficients



16

Incident Energy (MeV)

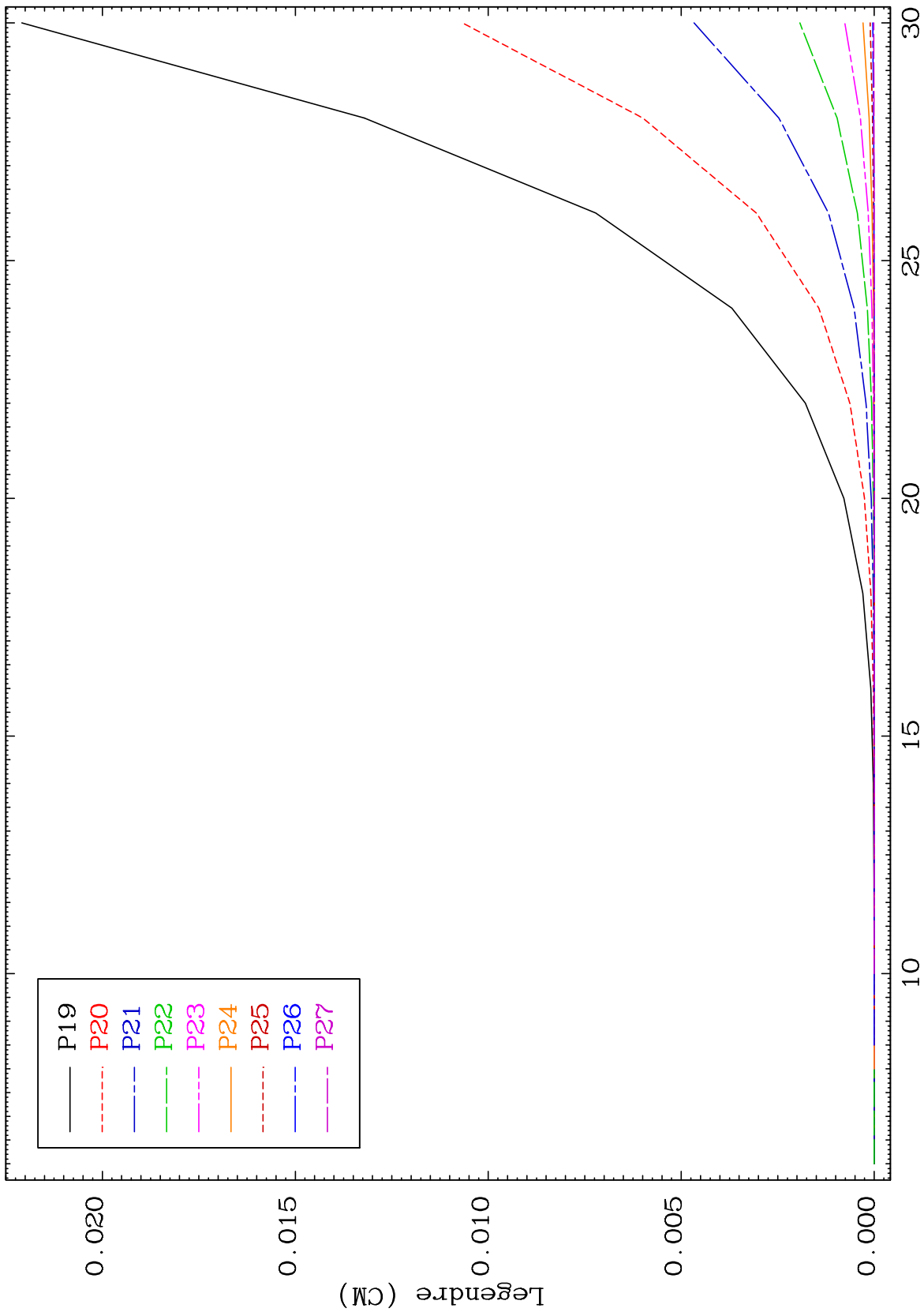
71-Lu-168



MAT 7104

### Elastic Legendre Coefficients

<sup>71</sup>Lu-168



18

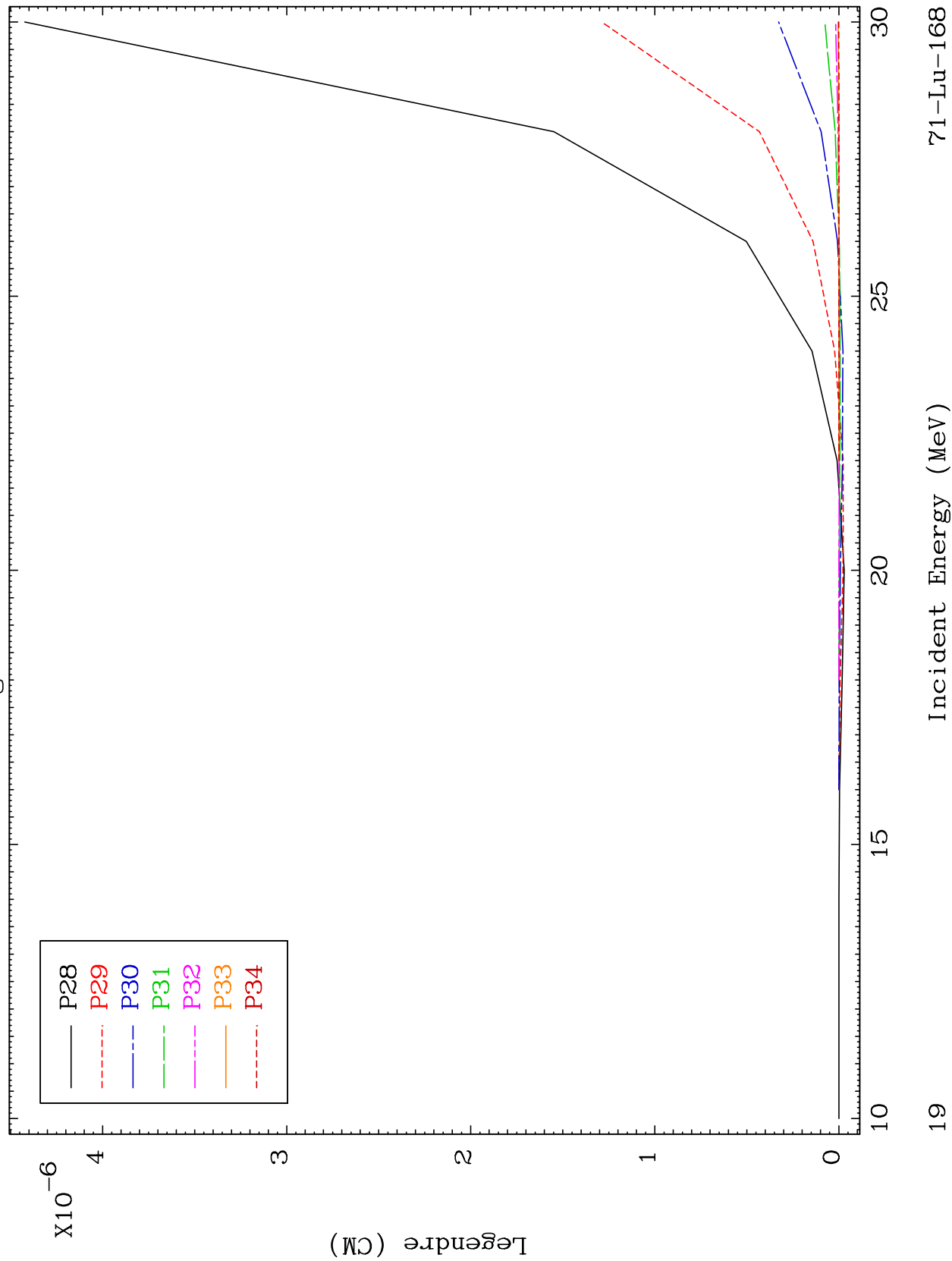
Incident Energy (MeV)

<sup>71</sup>Lu-168

MAT 7104

Elastic Legendre Coefficients

71-Lu-168



19

Incident Energy (MeV)

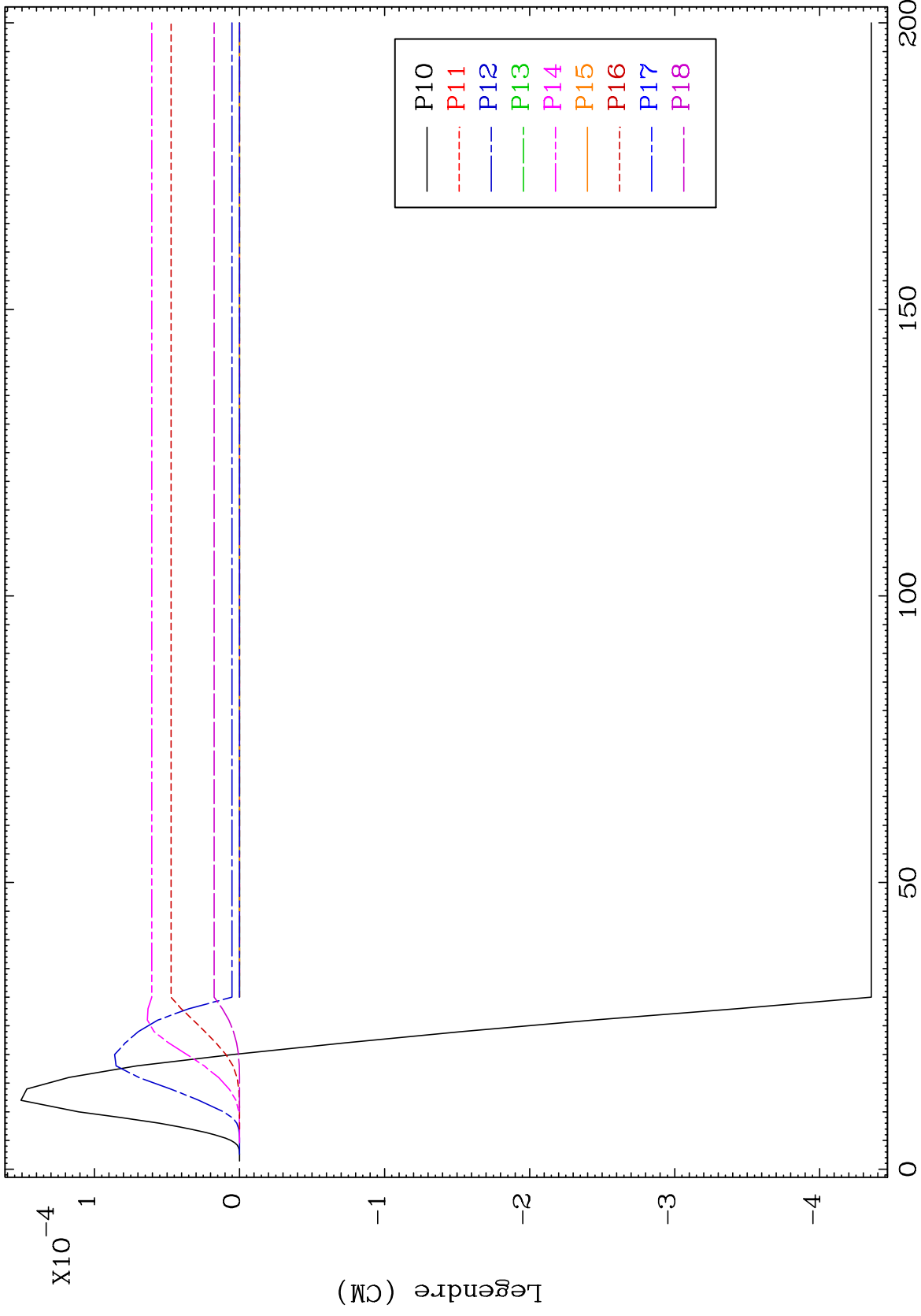
71-Lu-168



MAT 7104

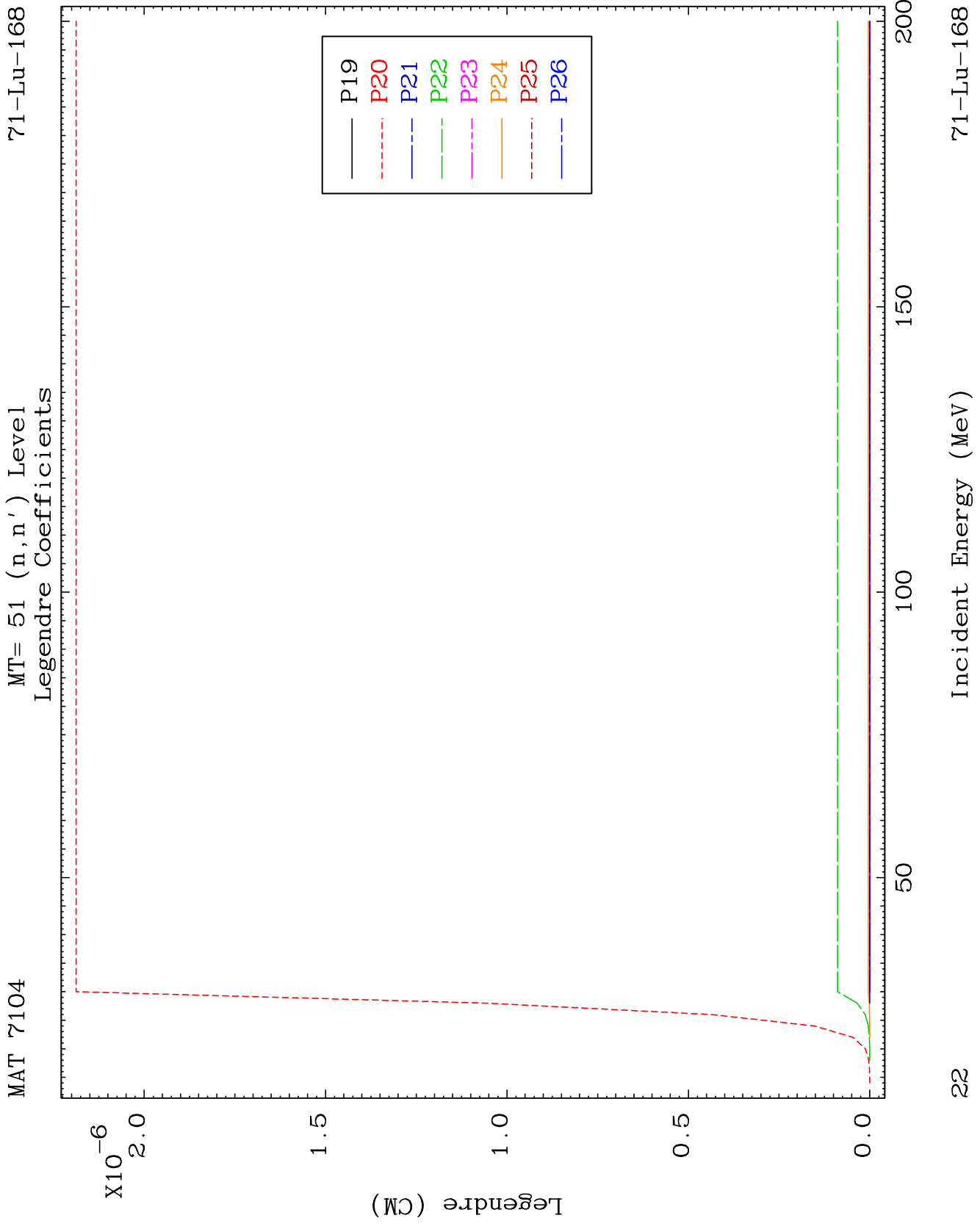
MT= 51 (n,n') Level  
Legendre Coefficients

71-Lu-168



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71-Lu-168



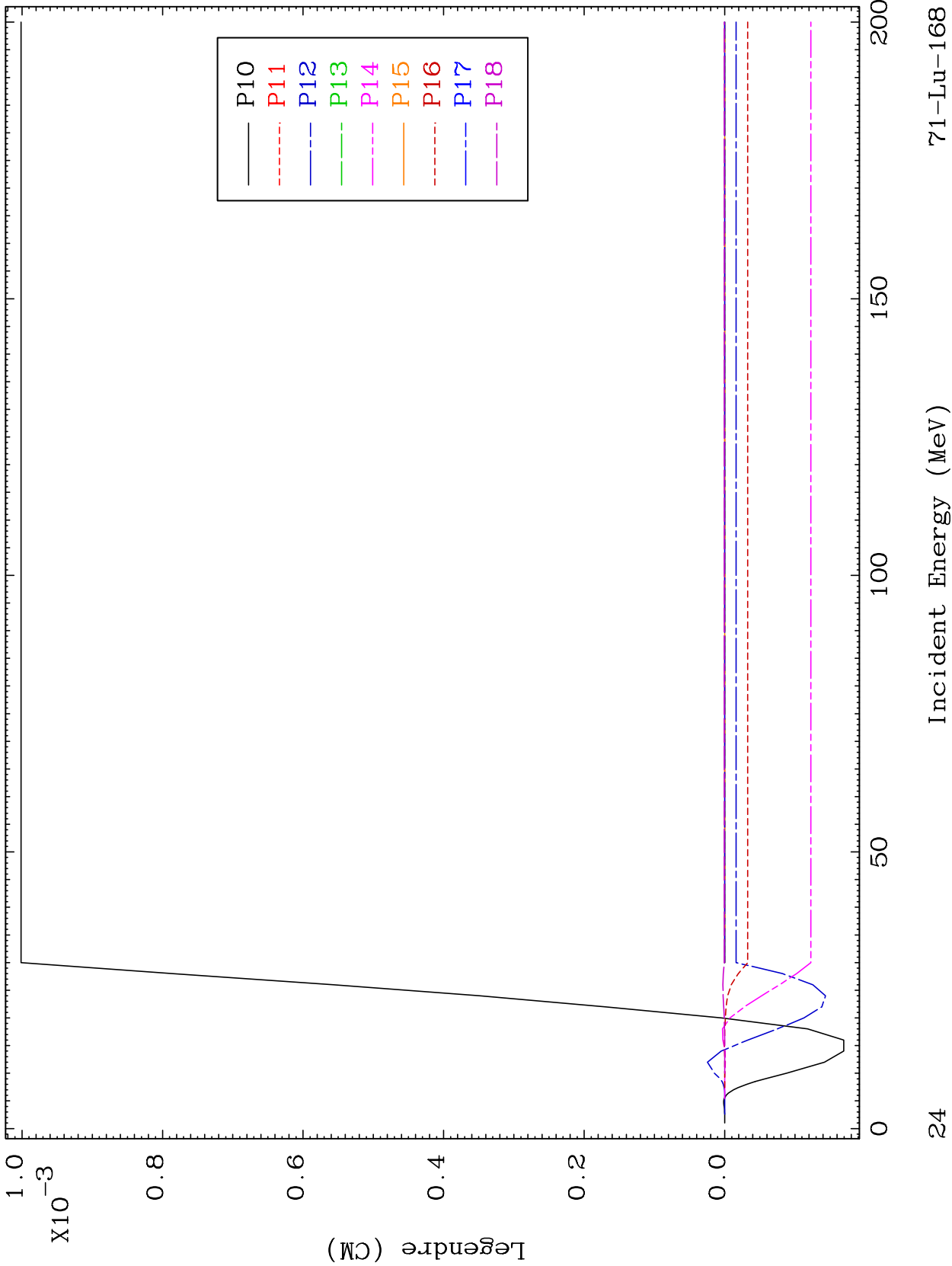




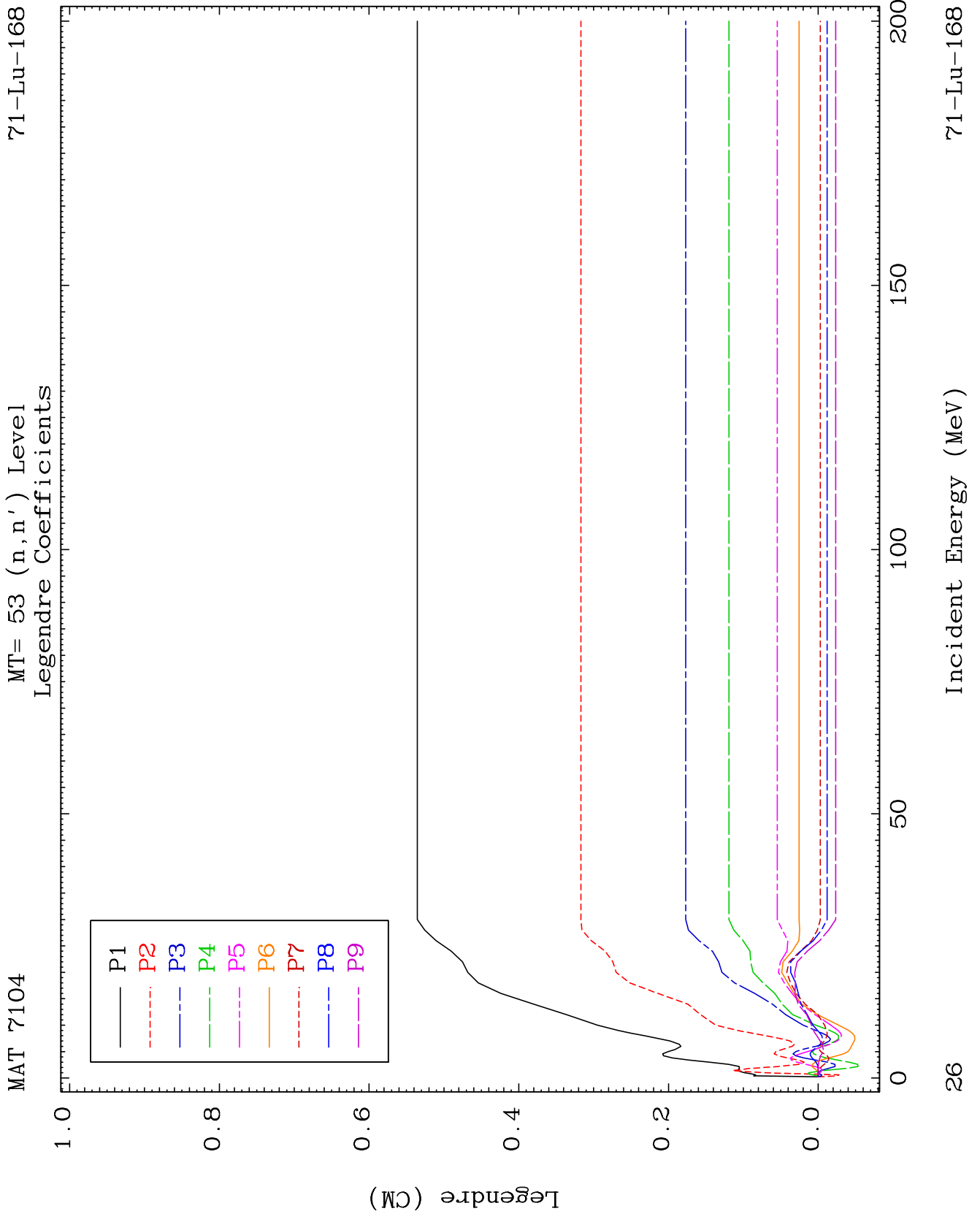
MAT 7104

MT= 52 (n,n') Level  
Legendre Coefficients

71-Lu-168



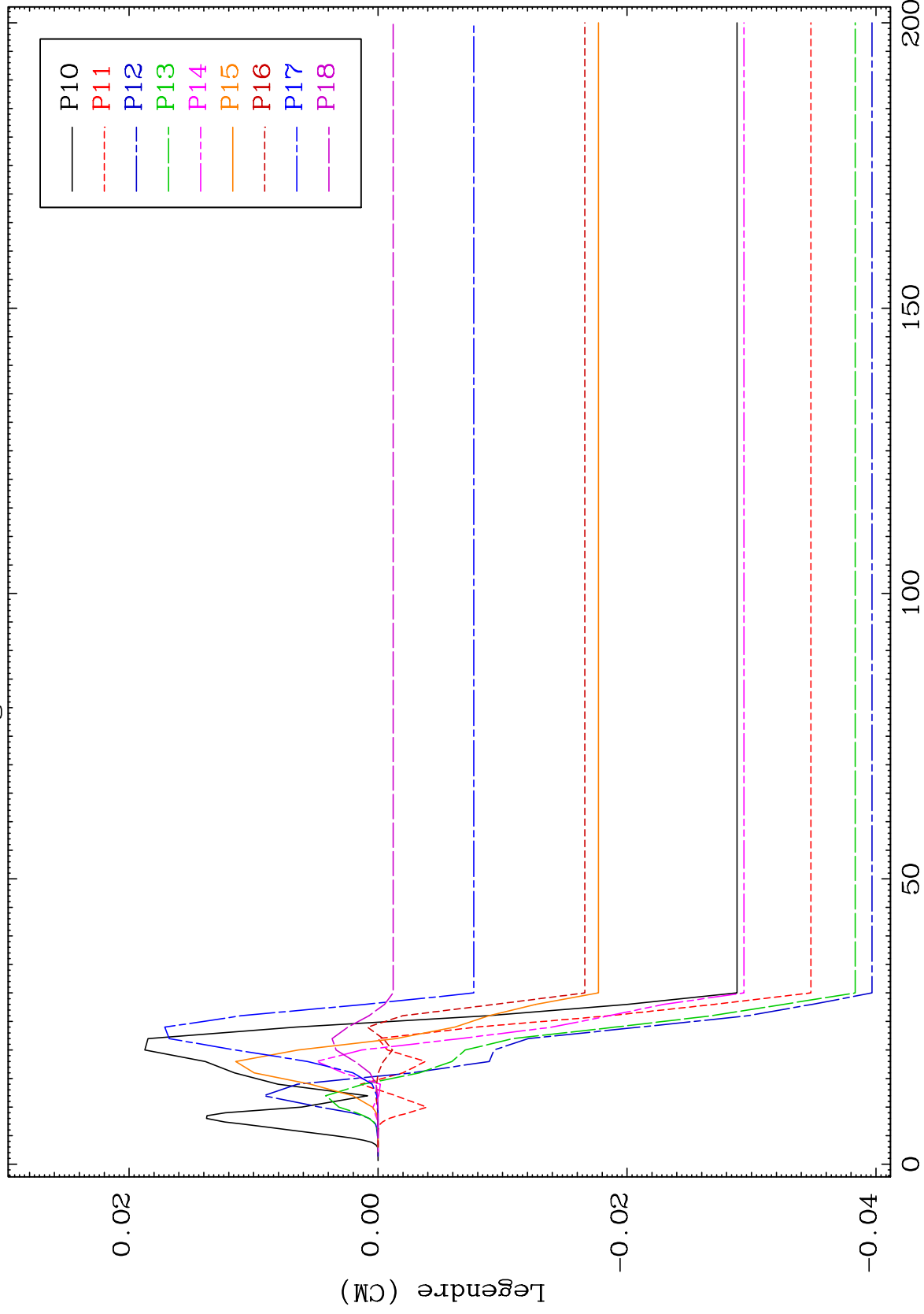




MAT 7104

MT= 53 (n,n') Level  
Legendre Coefficients

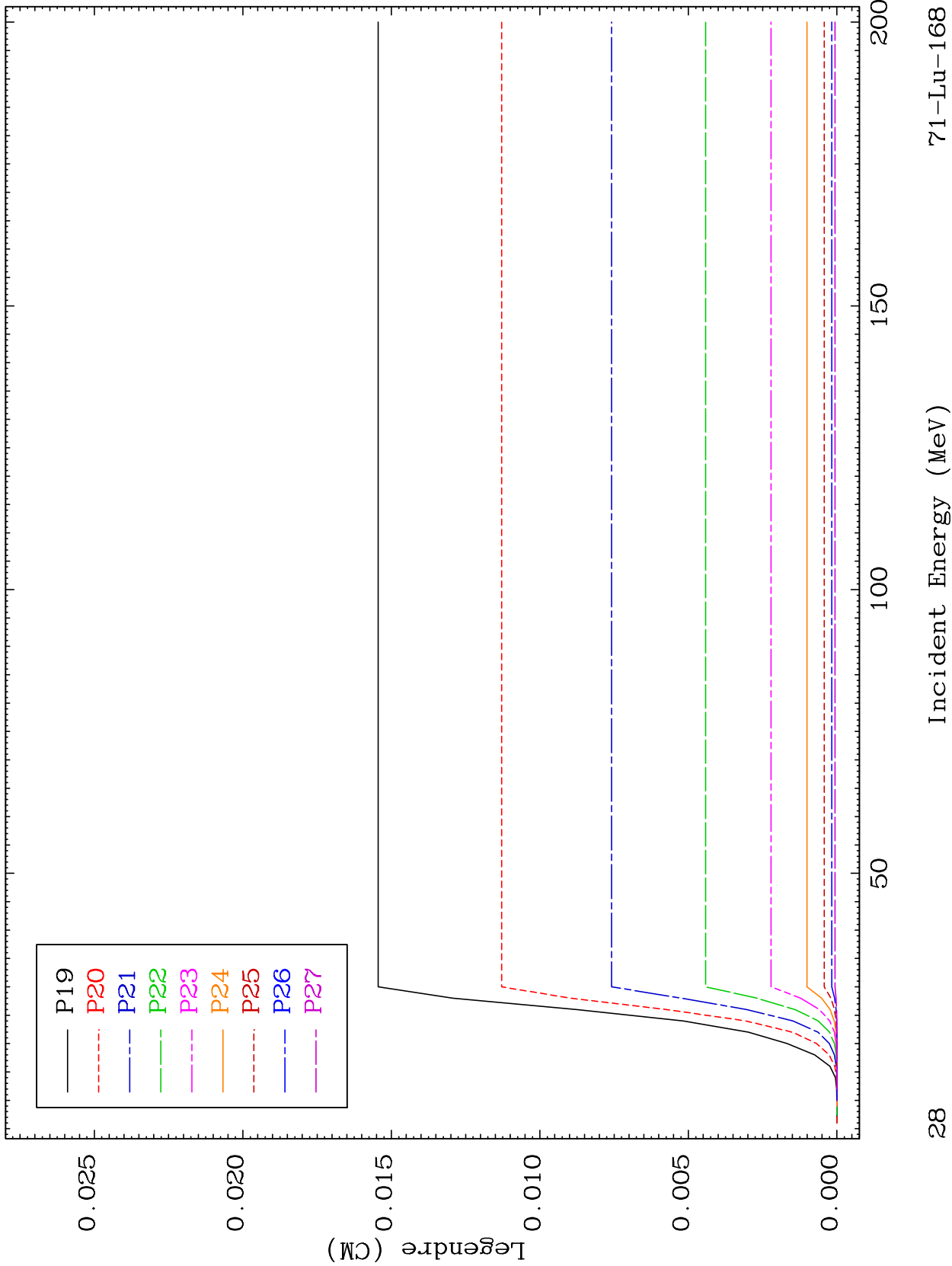
71-Lu-168

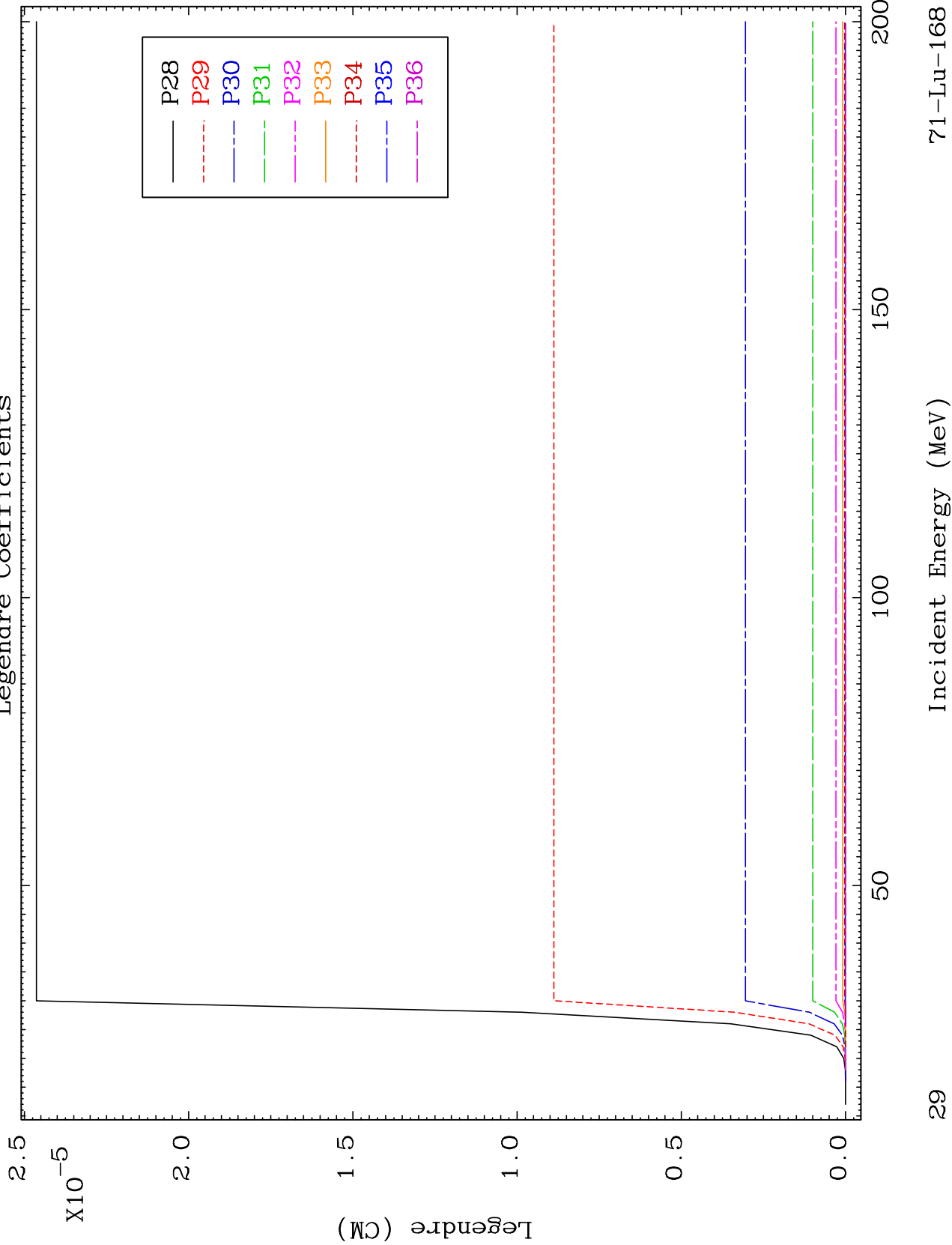


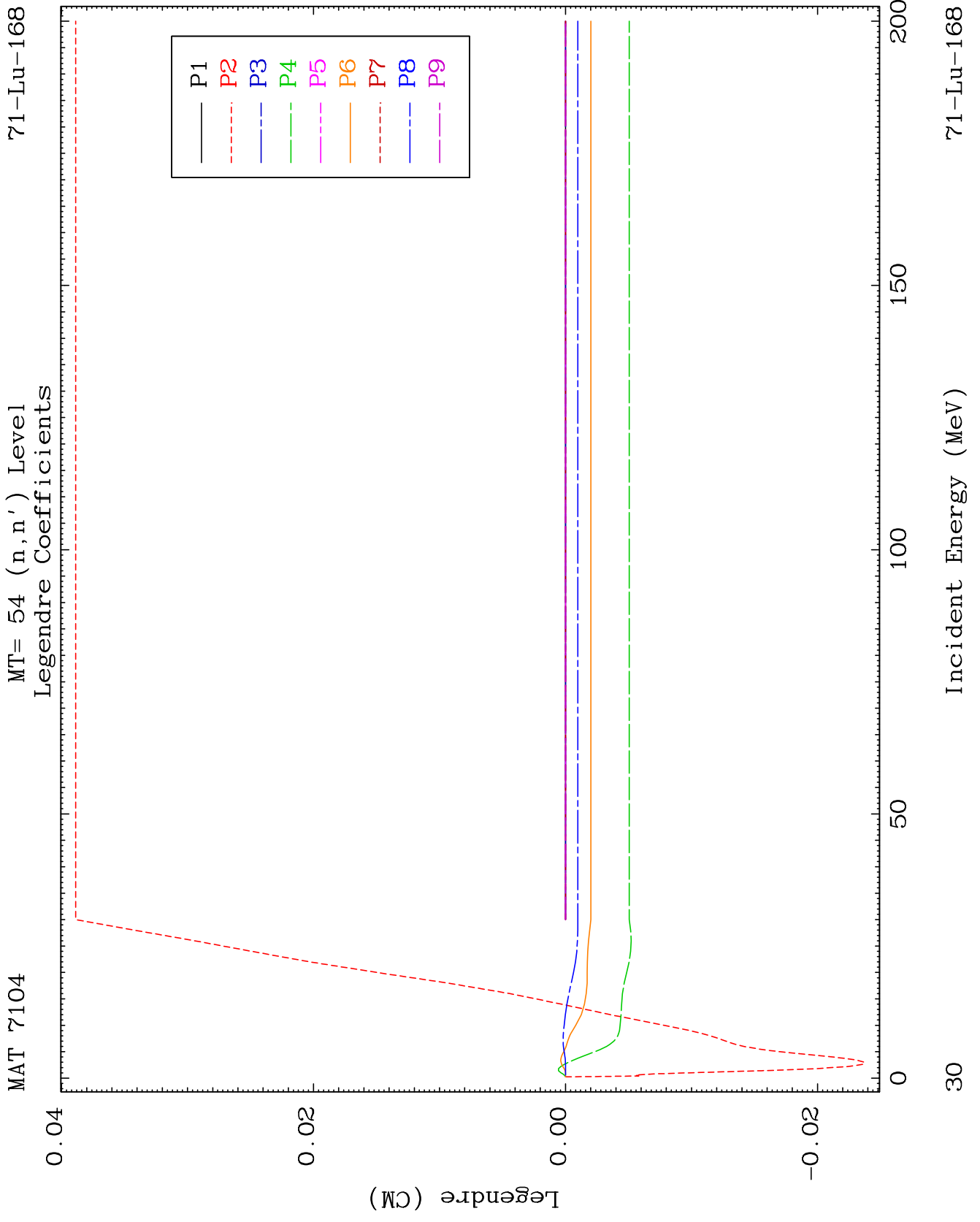
27

Incident Energy (MeV)

71-Lu-168



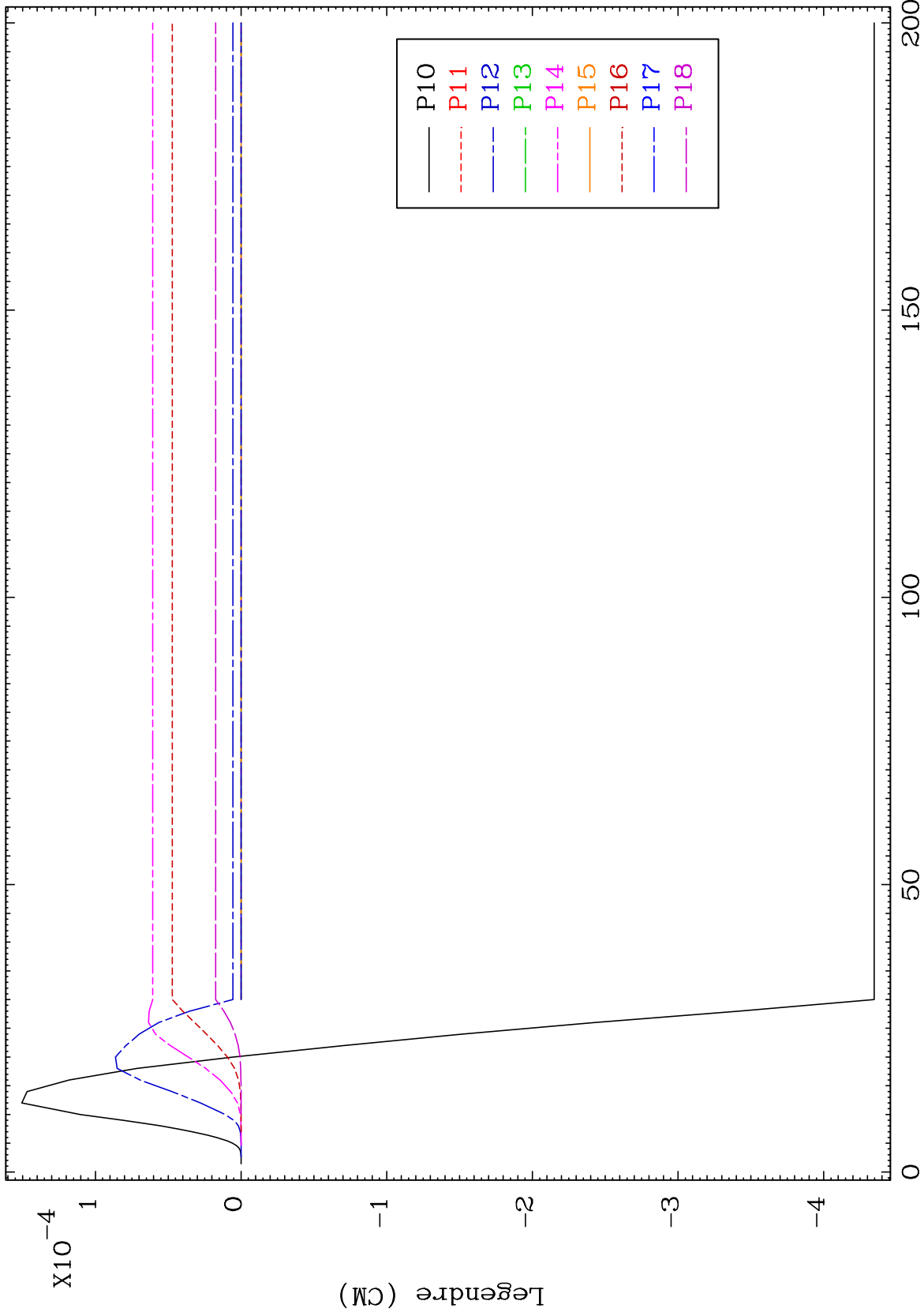




MAT 7104

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

71-Lu-168

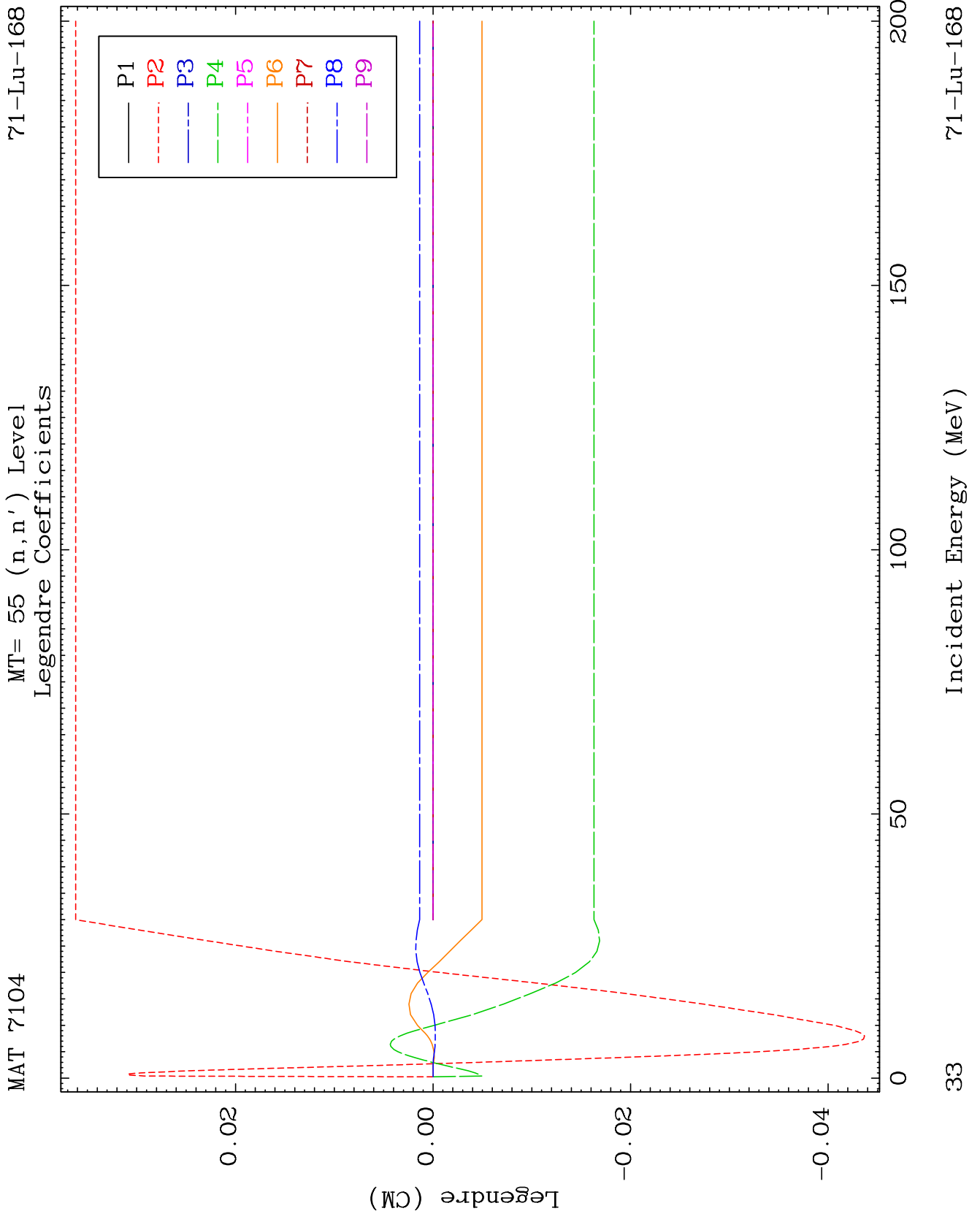


31

71-Lu-168



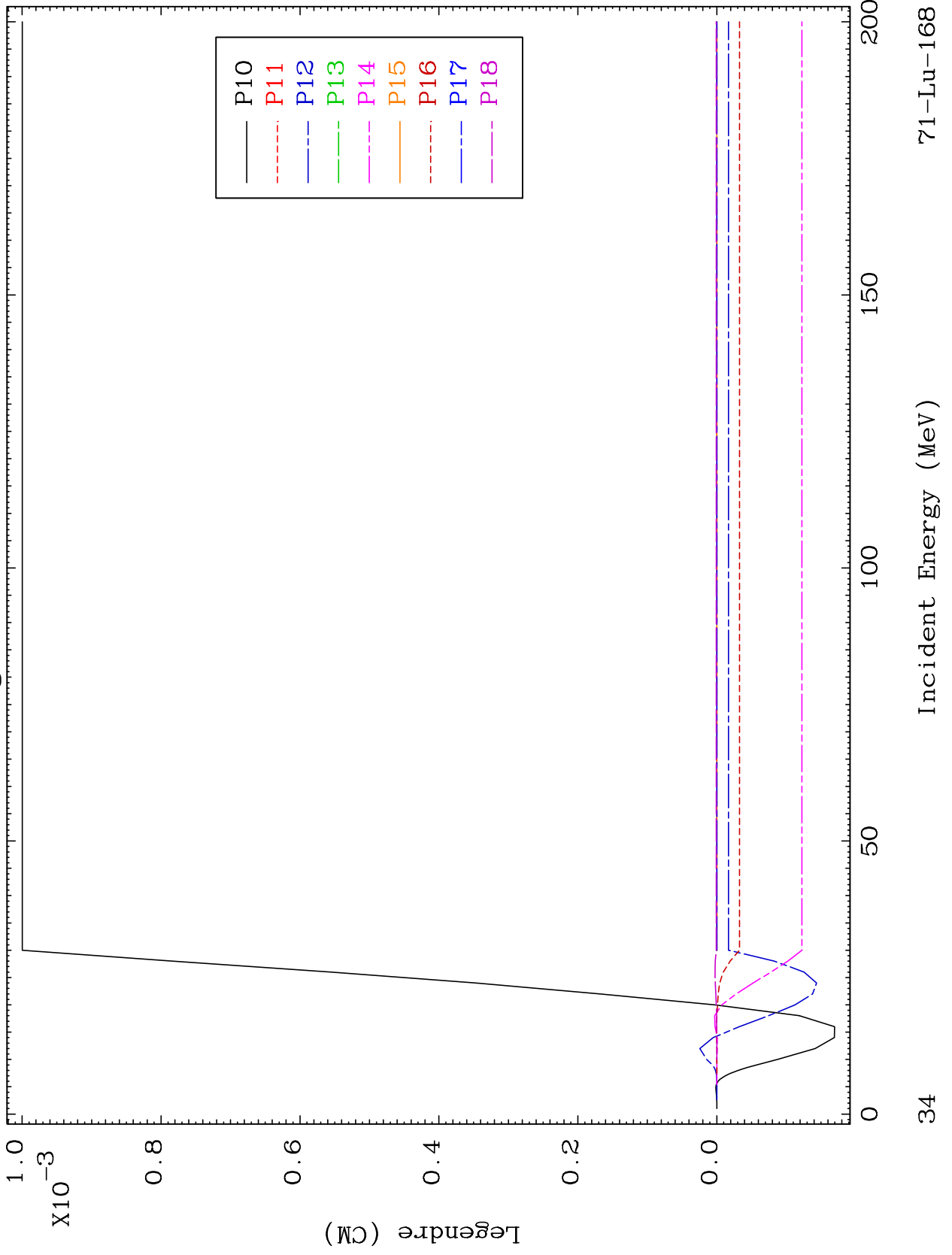




MAT 7104

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

71-Lu-168



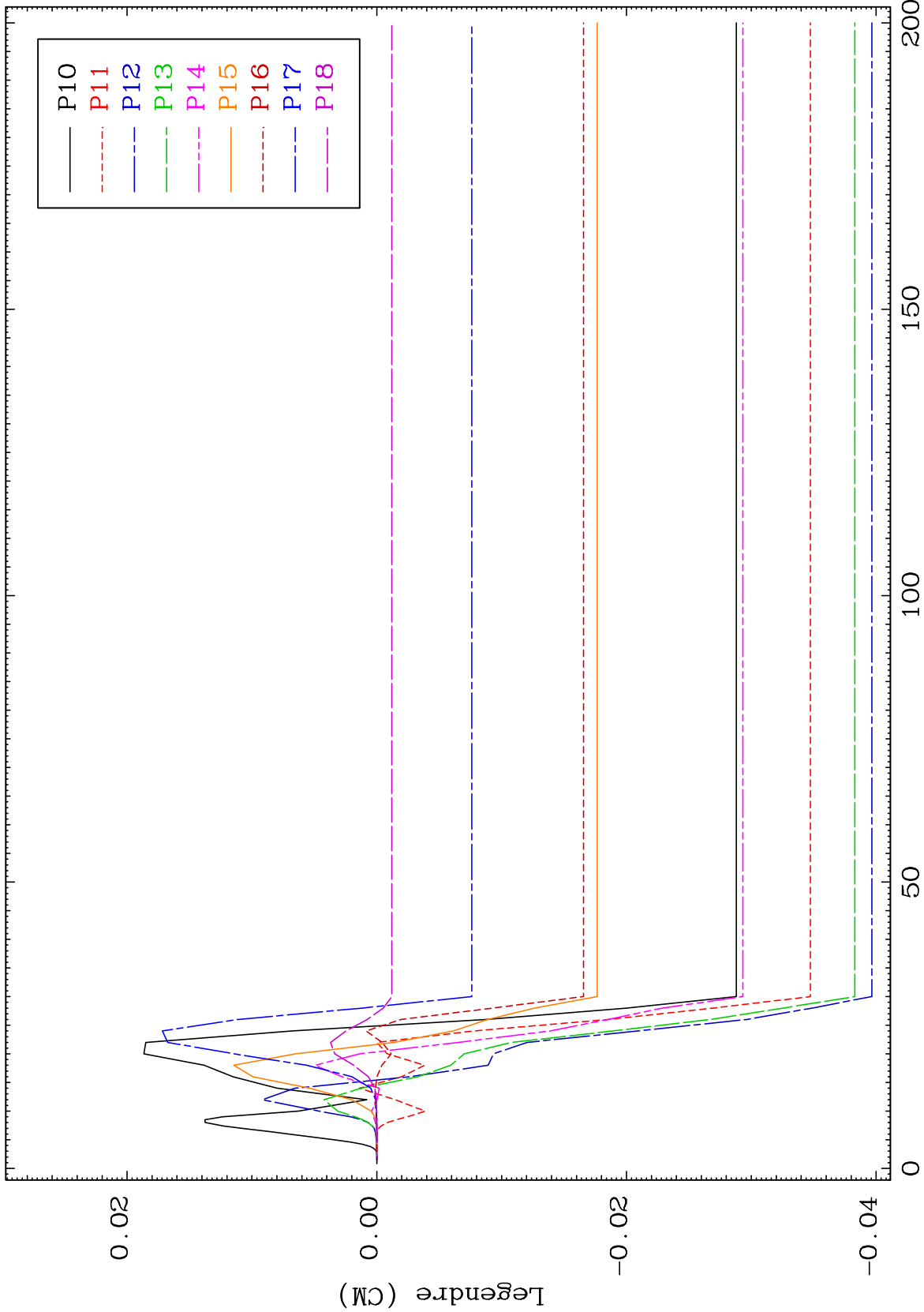




MAT 7104

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

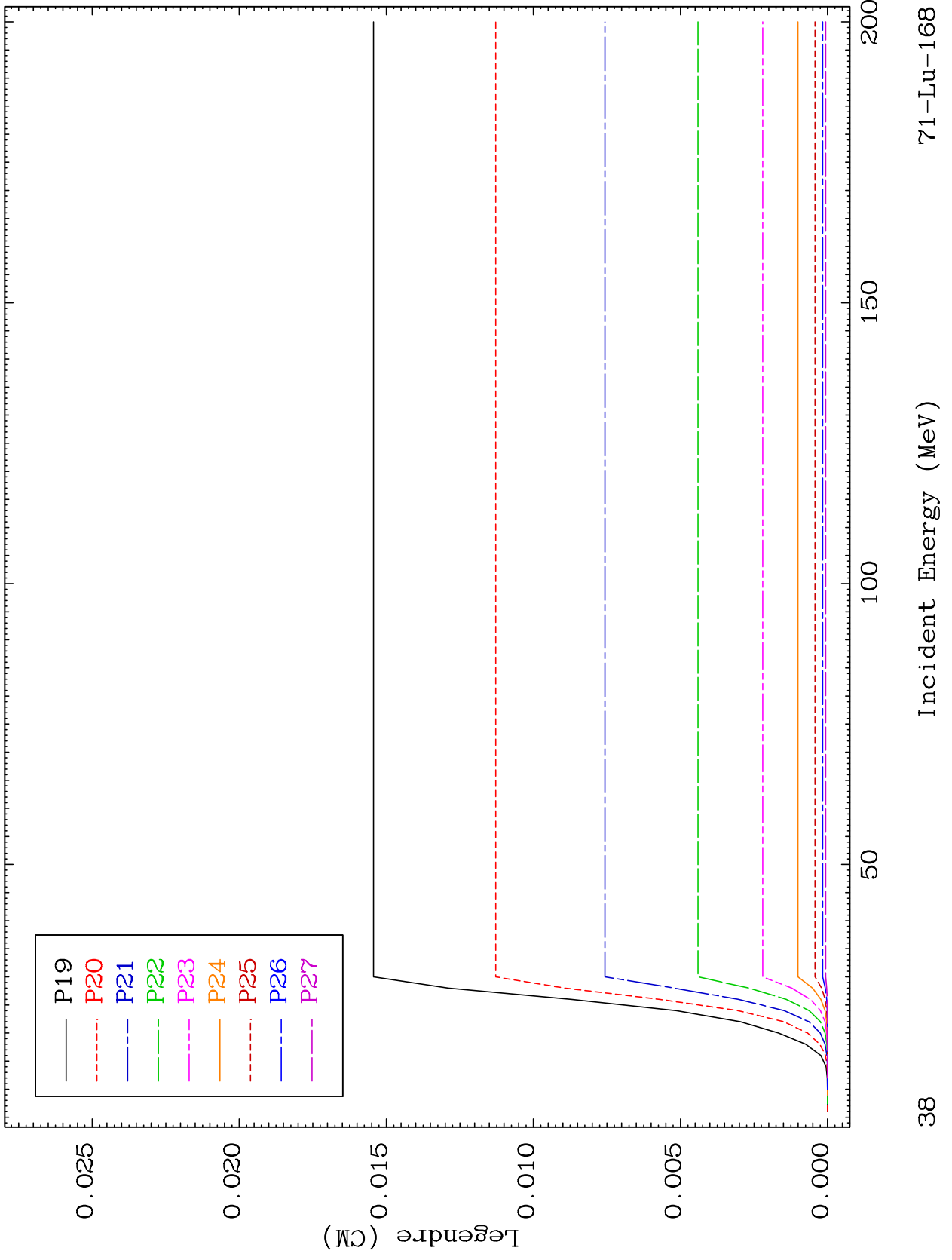
71-Lu-168

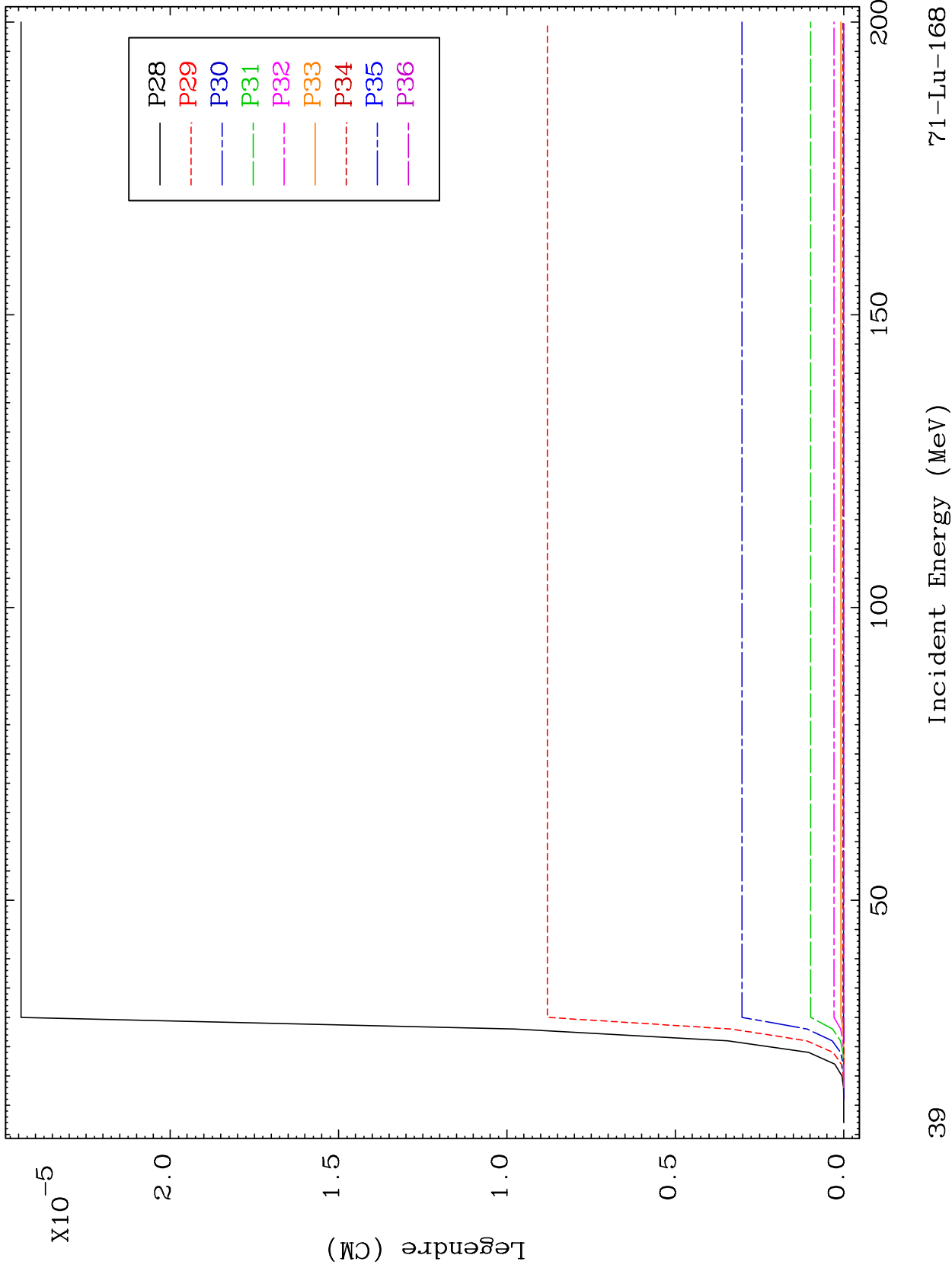


37

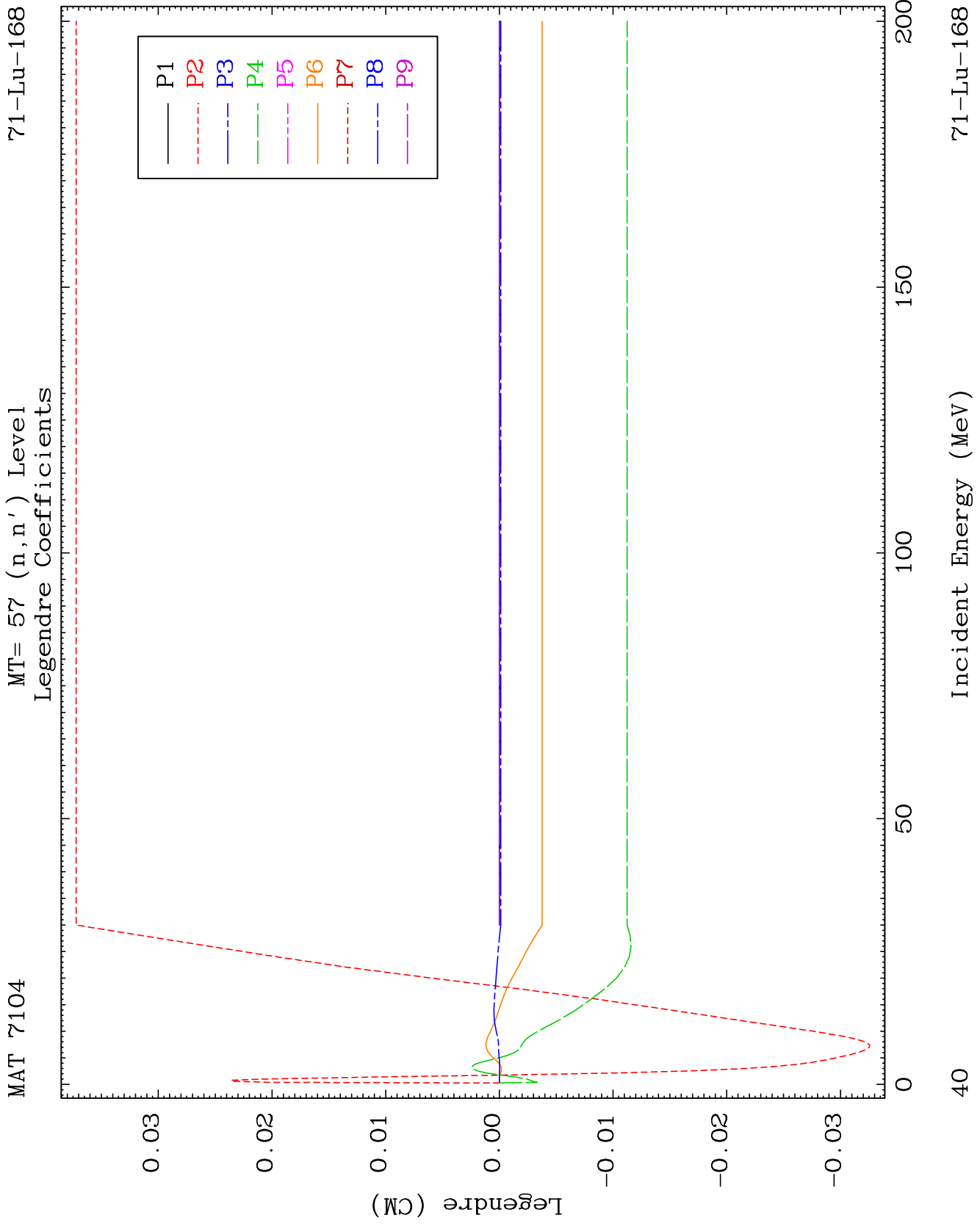
Incident Energy (MeV)

71-Lu-168





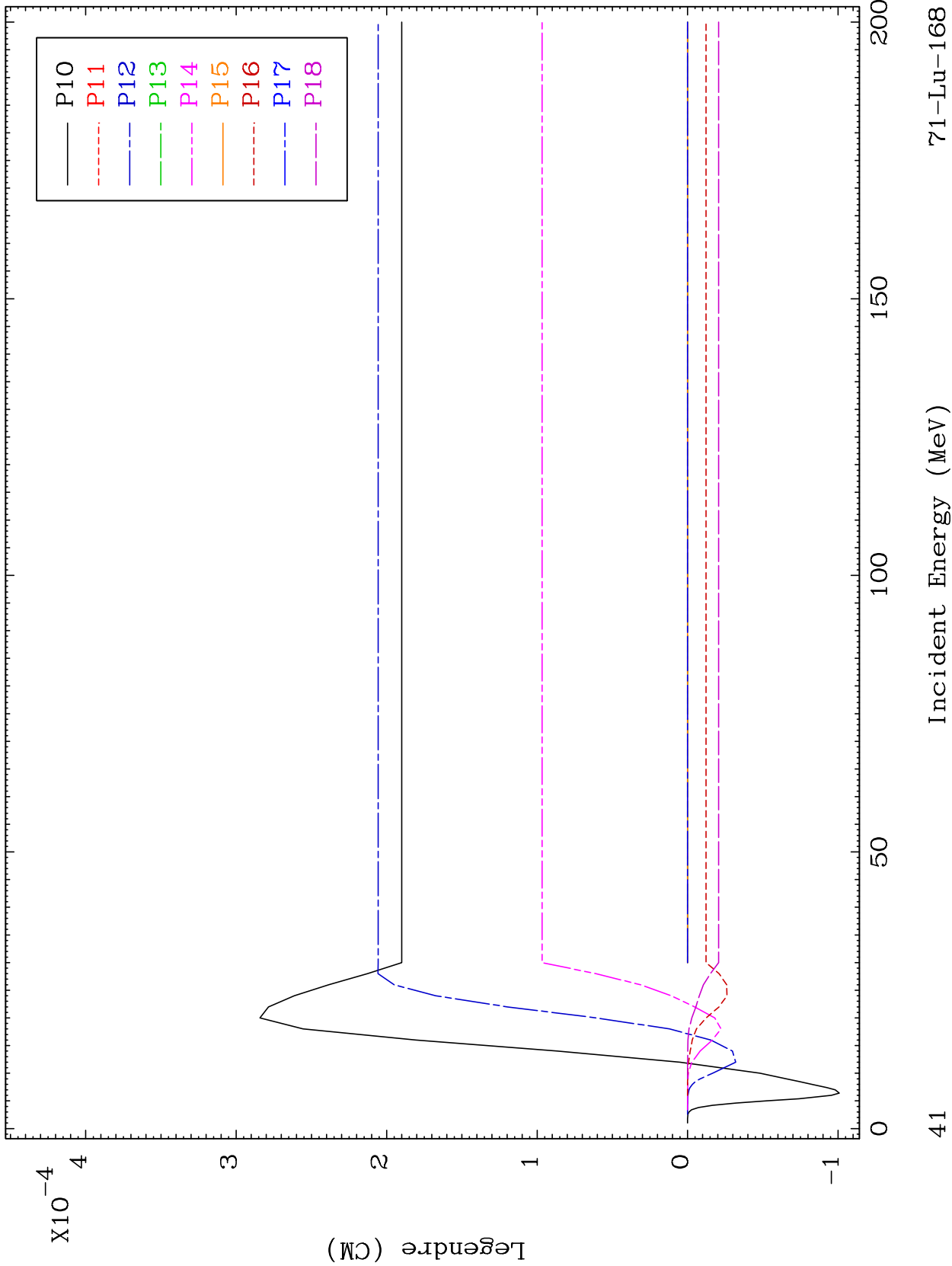




MAT 7104

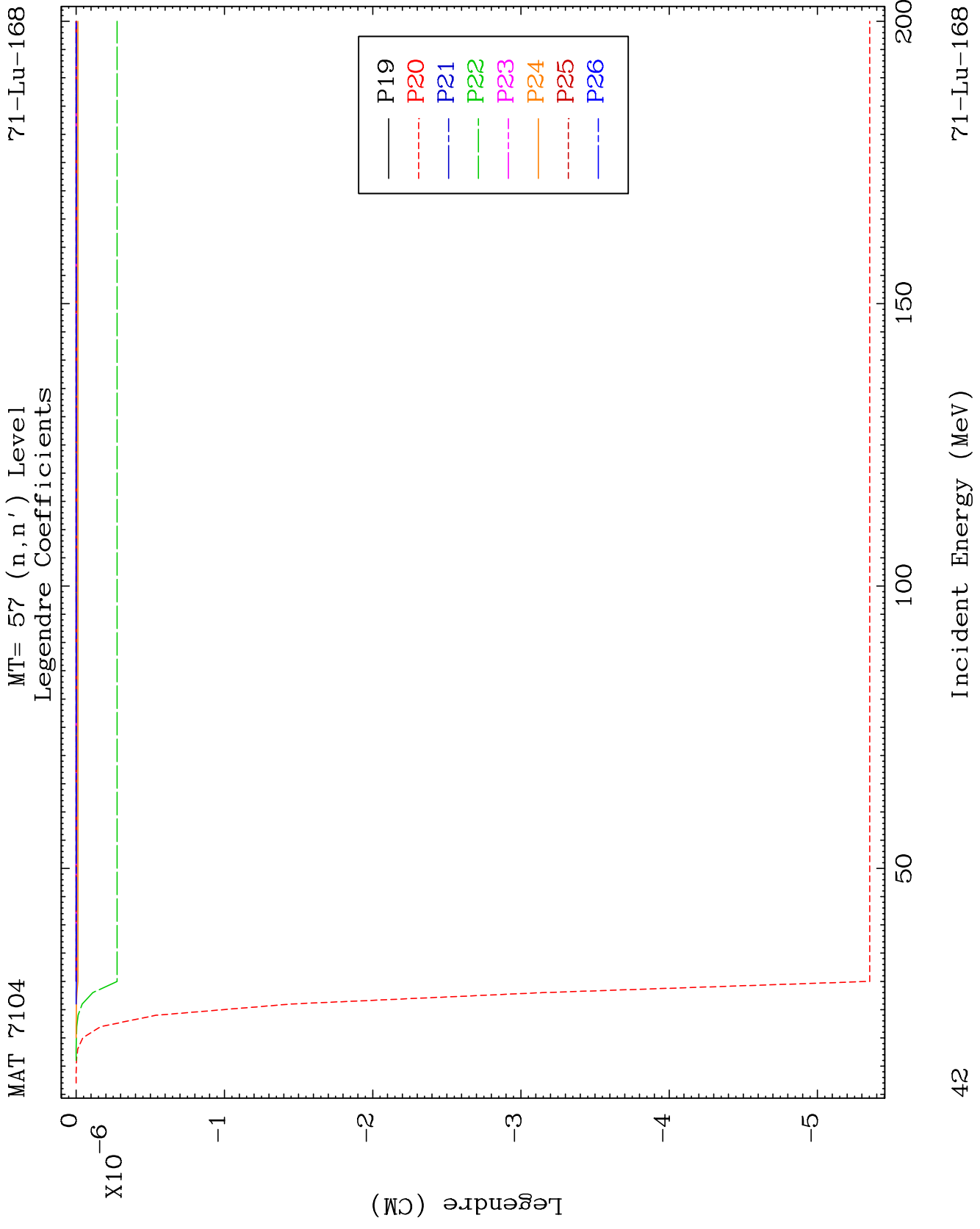
MT= 57 (n,n') Level  
Legendre Coefficients

71-Lu-168



41

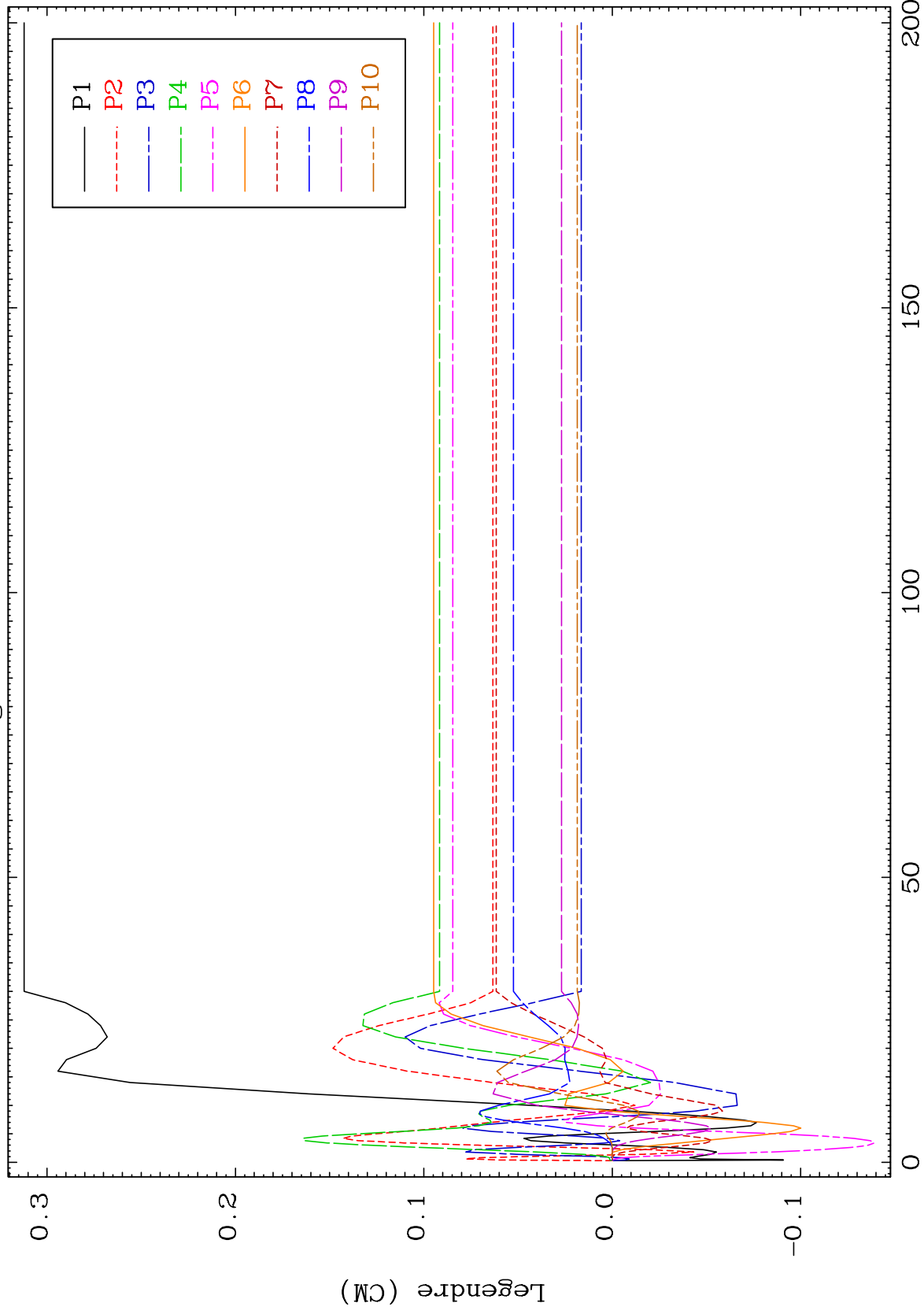
71-Lu-168



MAT 7104

MT= 58 (n,n') Level  
Legendre Coefficients

71-Lu-168



43

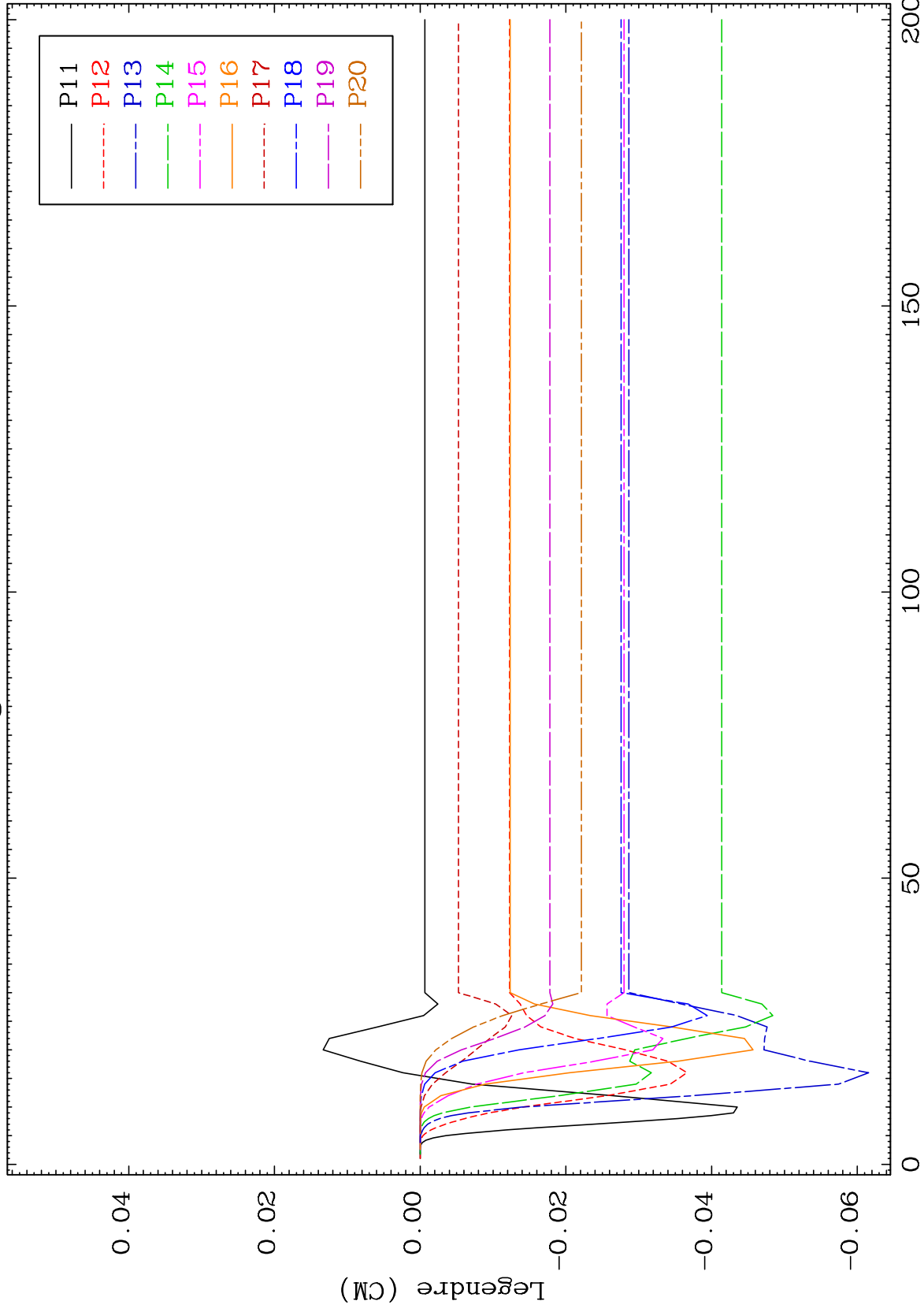
Incident Energy (MeV)

71-Lu-168

MAT 7104

MT= 58 (n,n') Level  
Legendre Coefficients

71-Lu-168



71-Lu-168

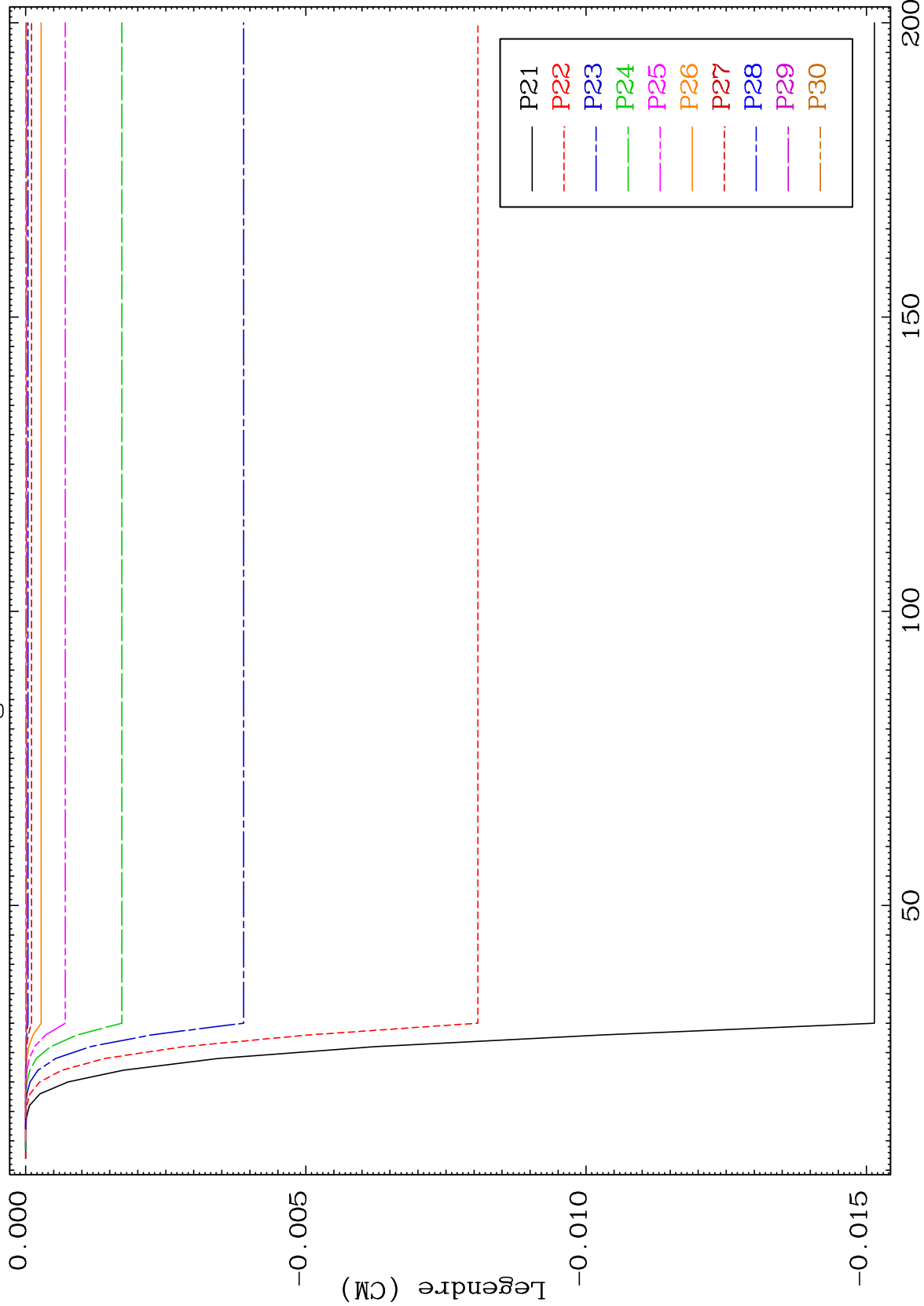
Incident Energy (MeV)

44

MAT 7104

MT= 58 (n,n') Level  
Legendre Coefficients

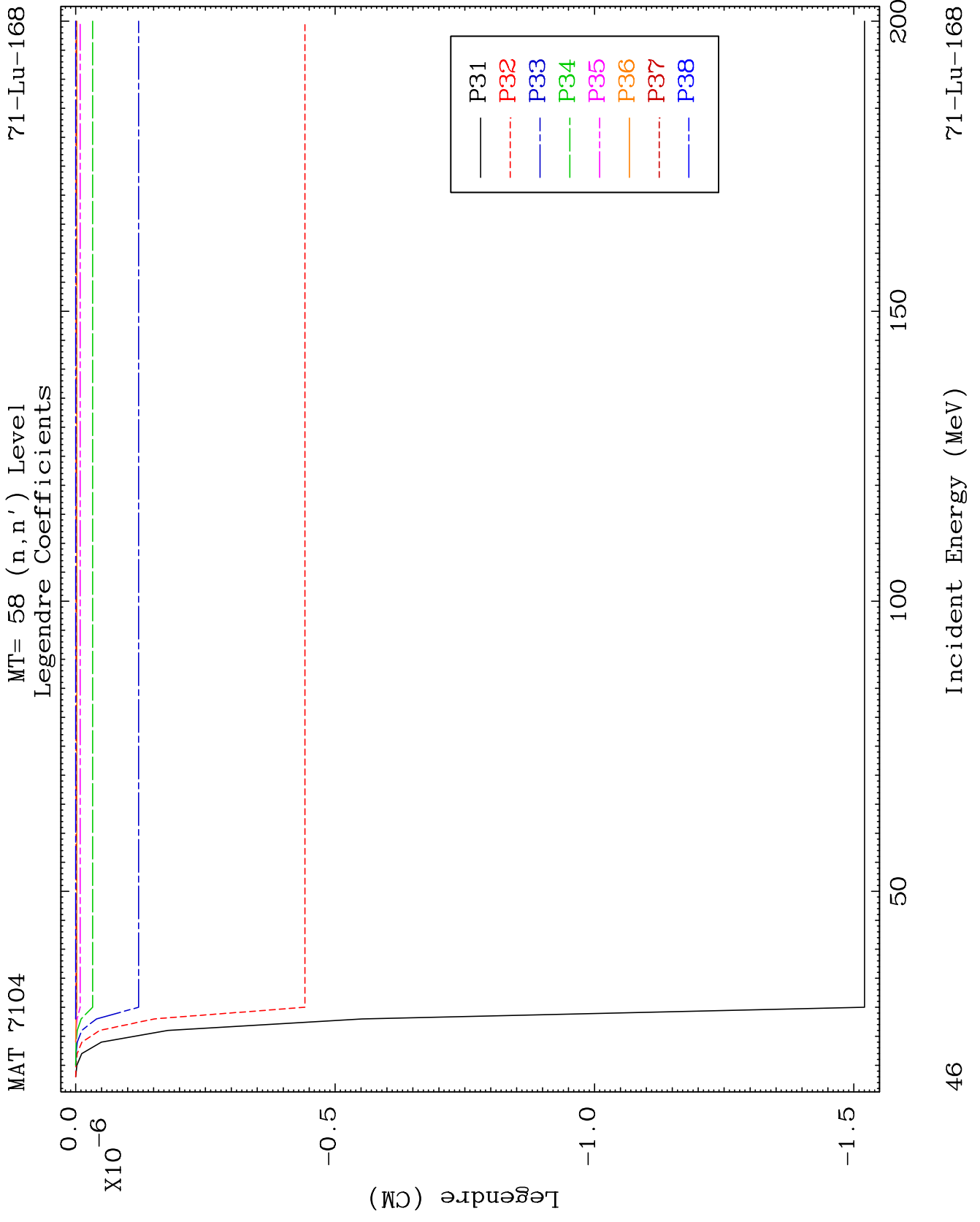
71-Lu-168



71-Lu-168

Incident Energy (MeV)

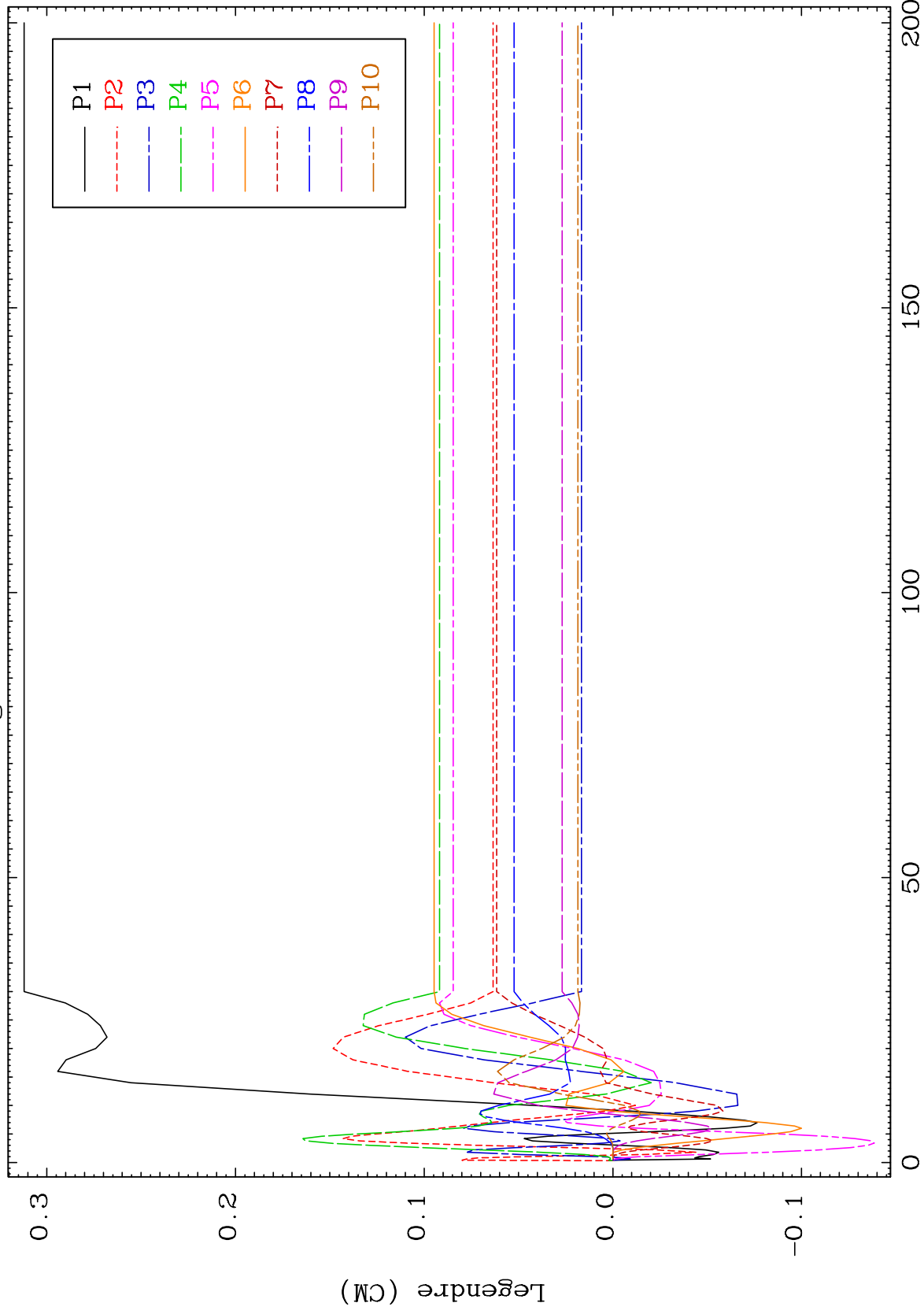
45



MAT 7104

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

71-Lu-168



71-Lu-168

Incident Energy (MeV)

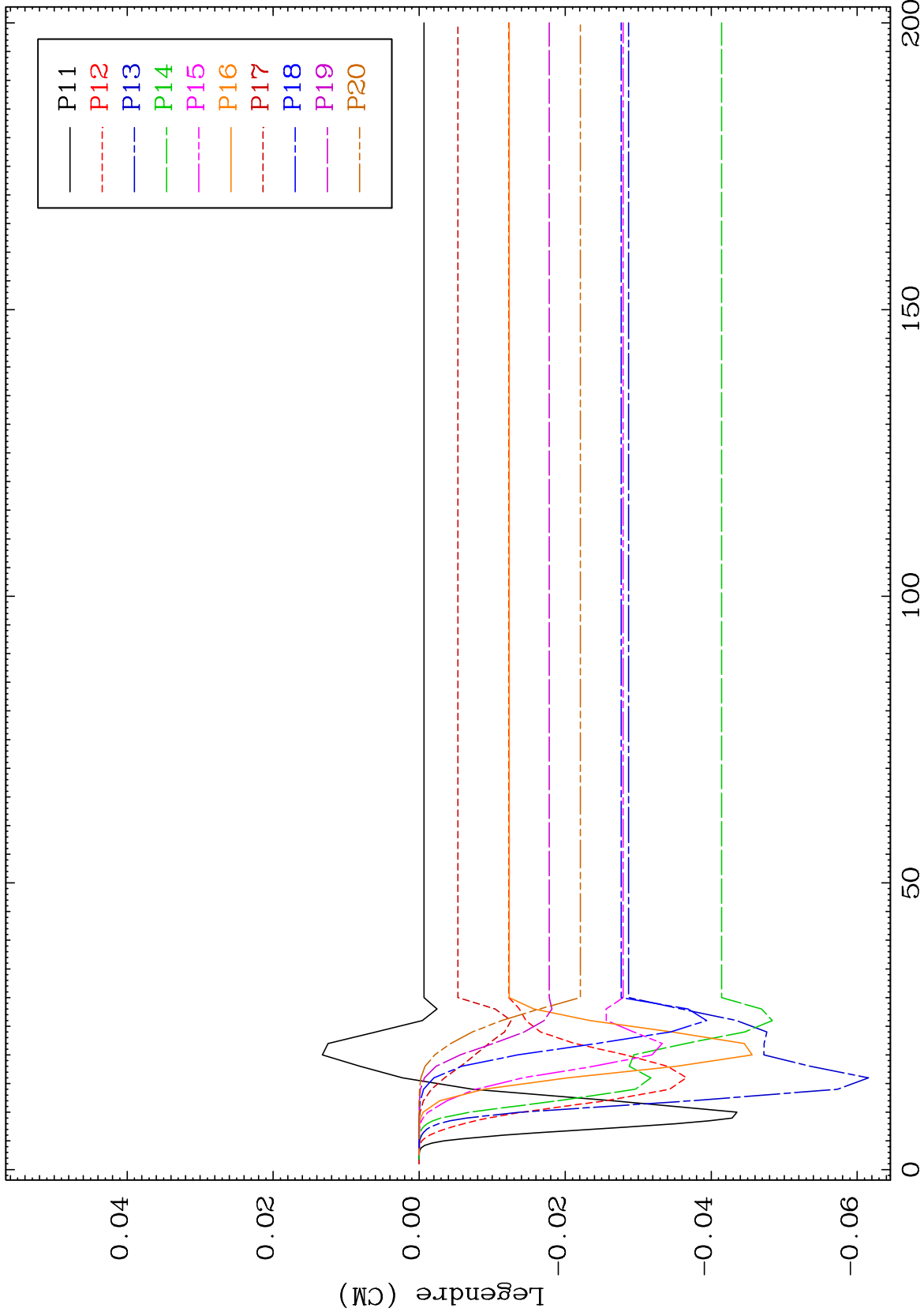
47



MAT 7104

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

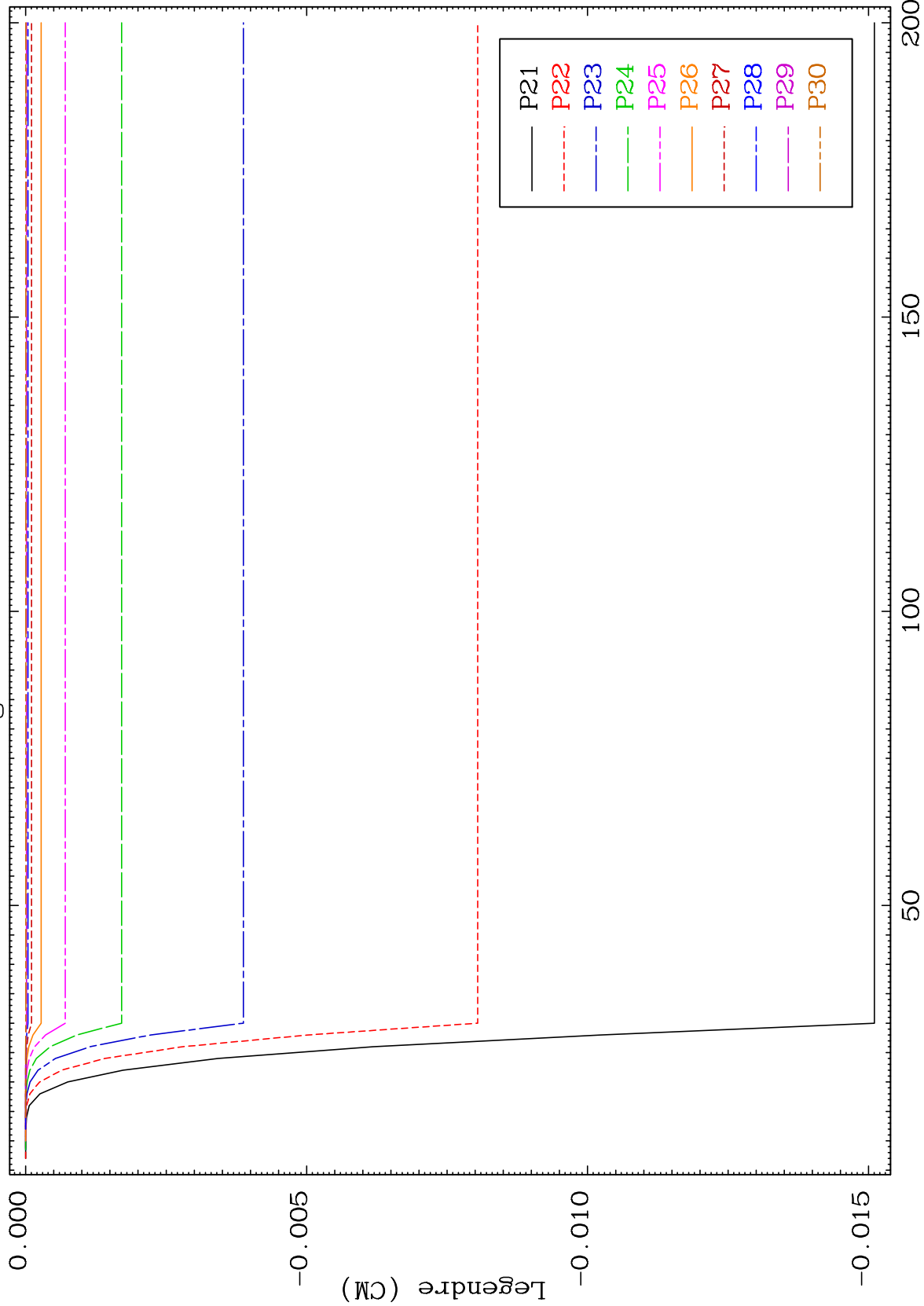
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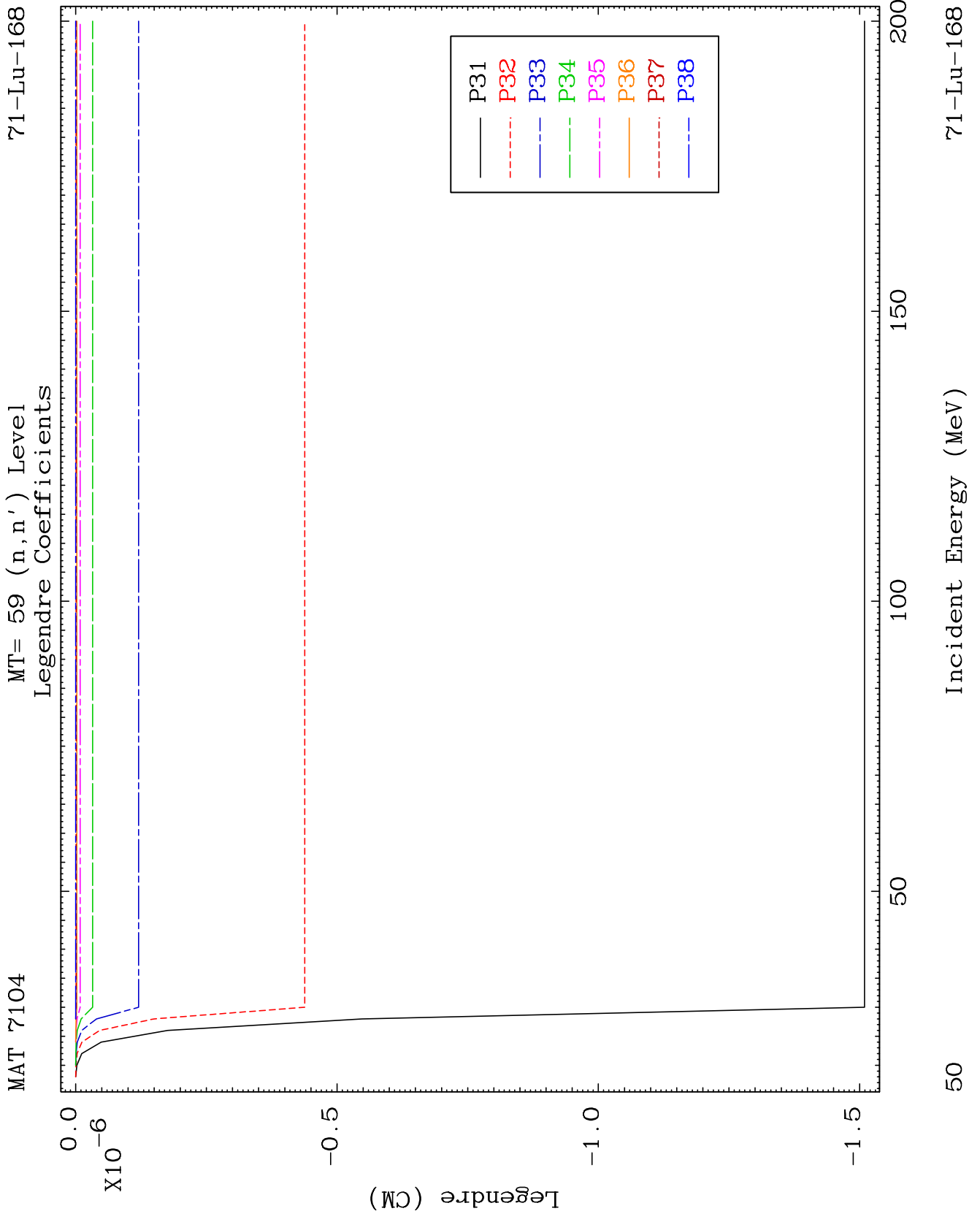


48

Incident Energy (MeV)

71-Lu-168



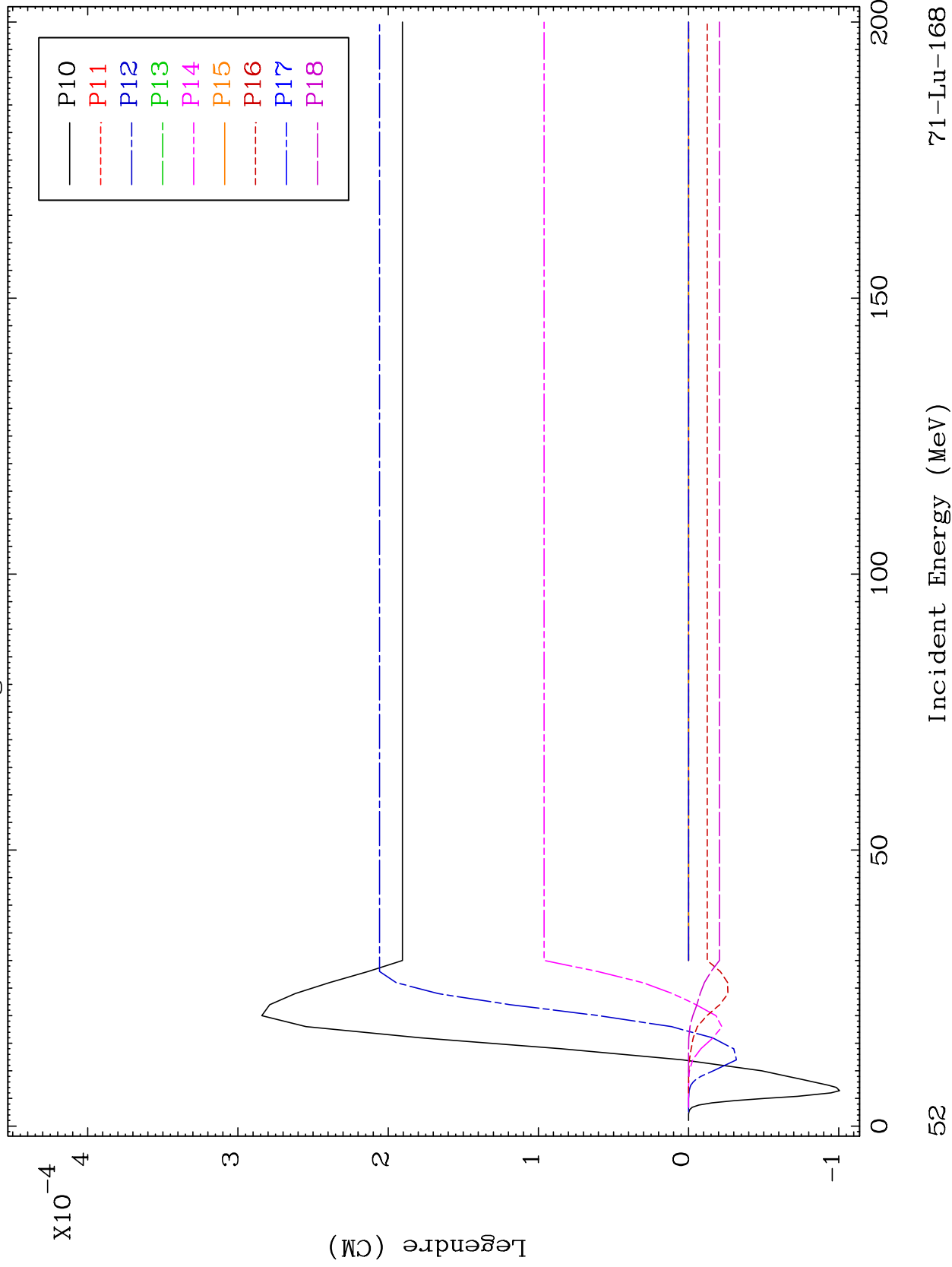




MAT 7104

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

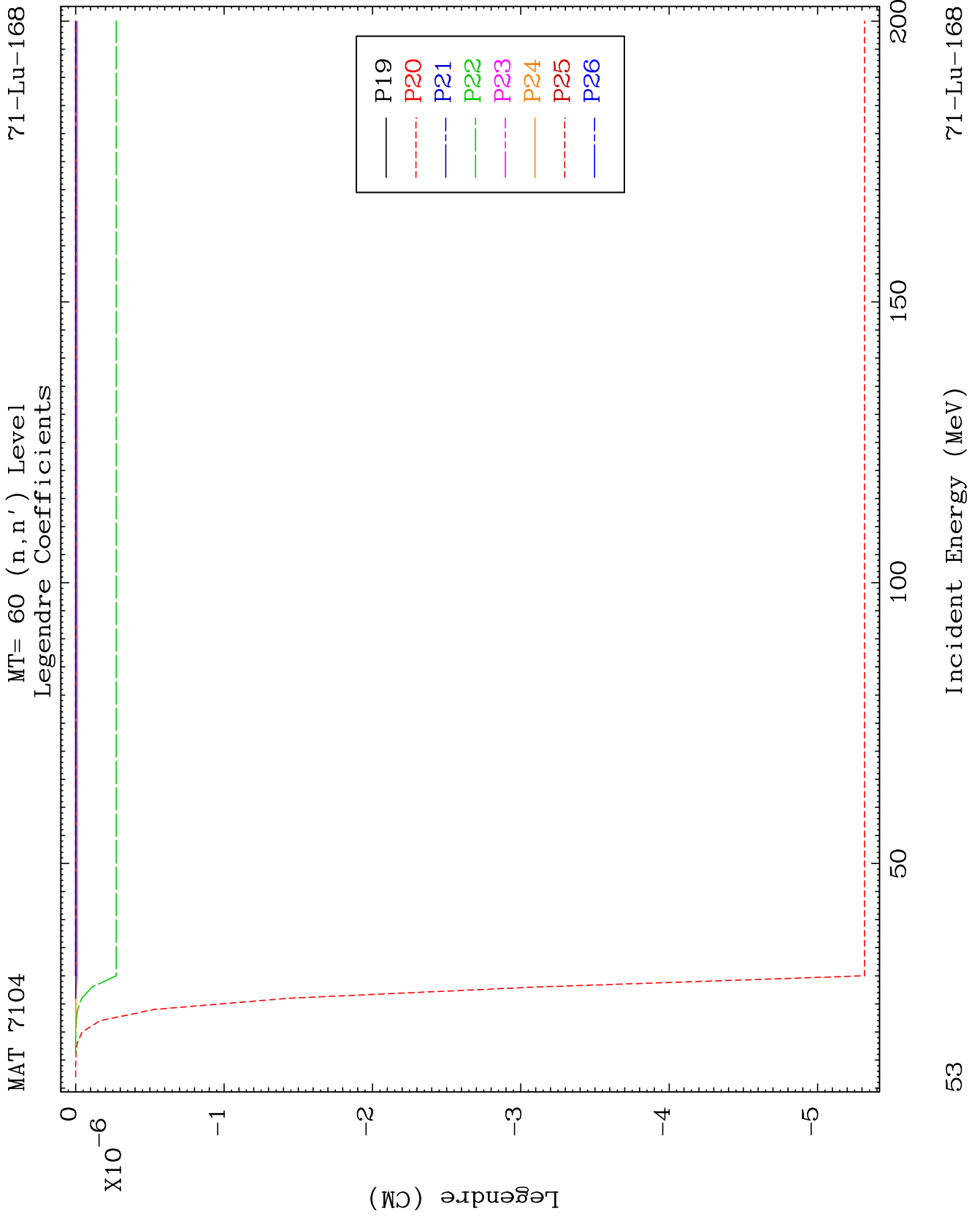
71-Lu-168



71-Lu-168

Incident Energy (MeV)

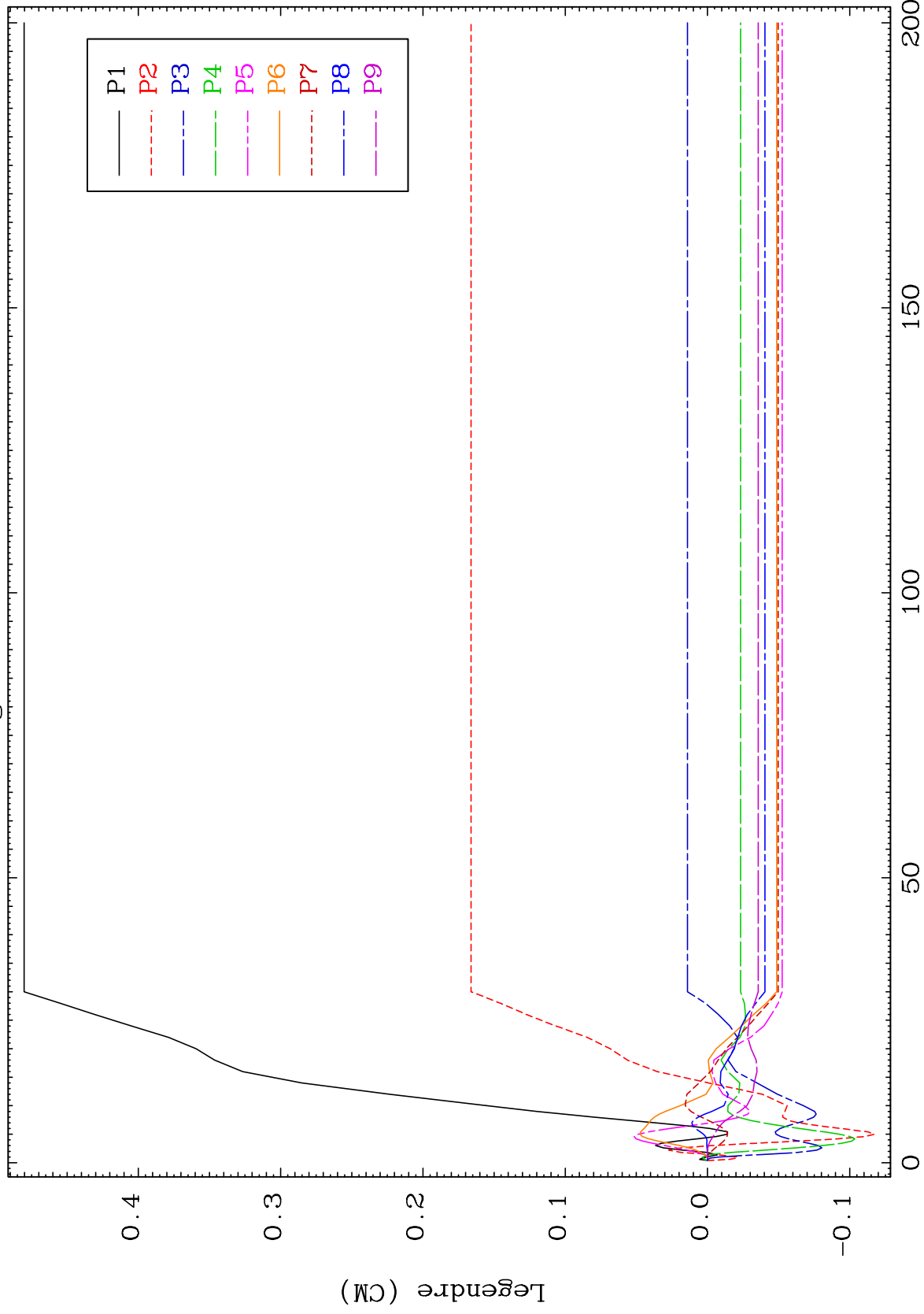
52



MAT 7104

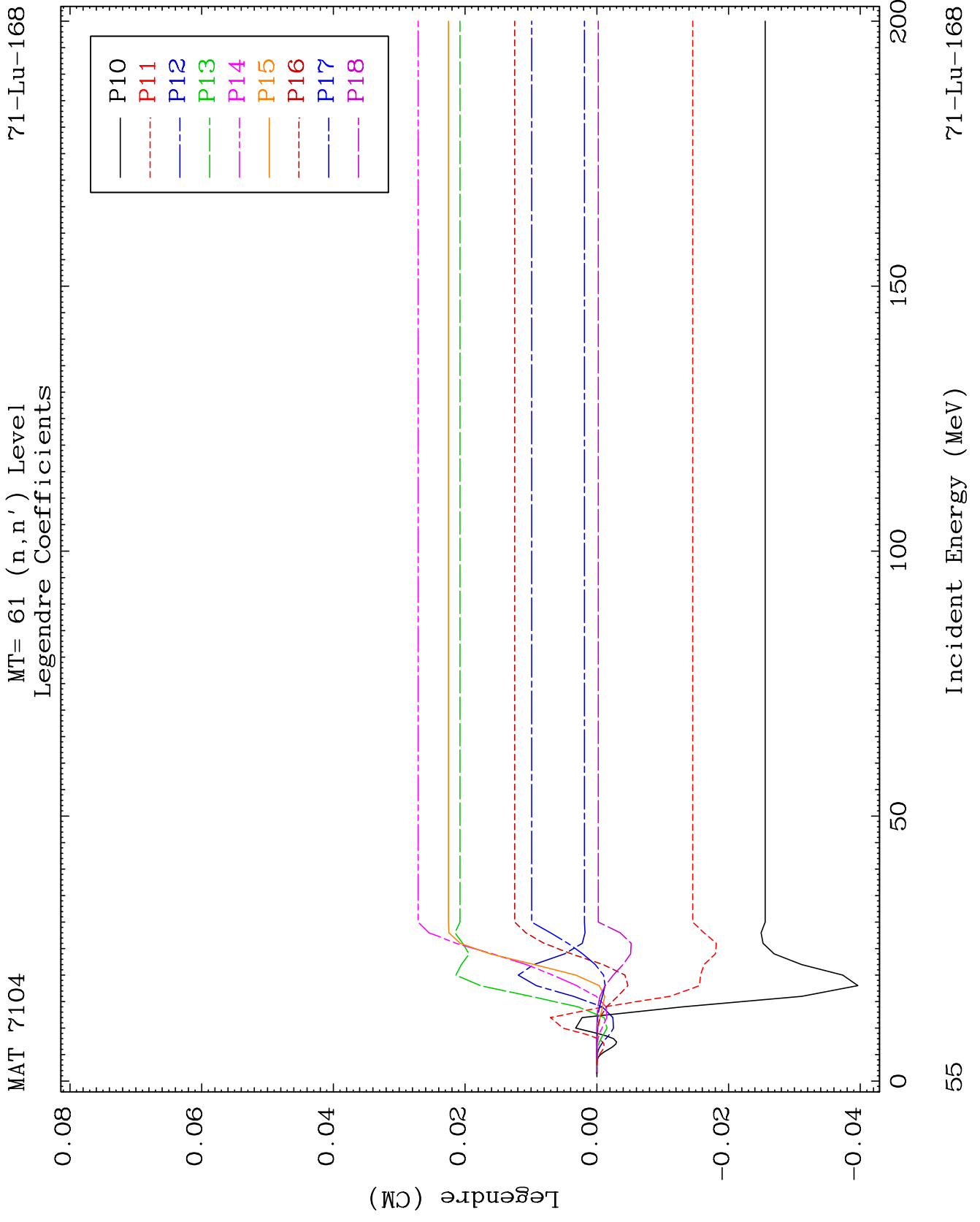
MT= 61 (n,n') Level  
Legendre Coefficients

71-Lu-168

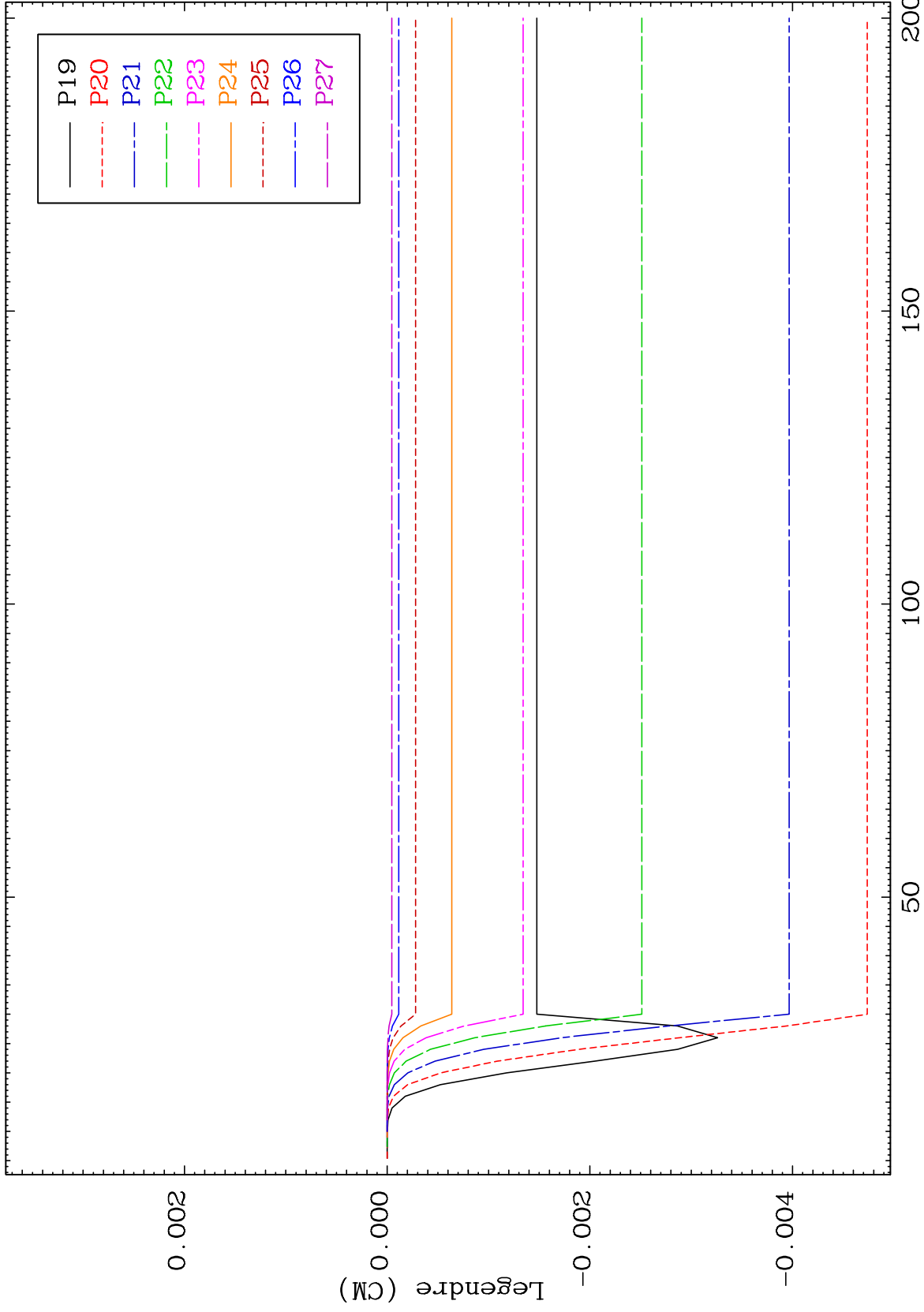


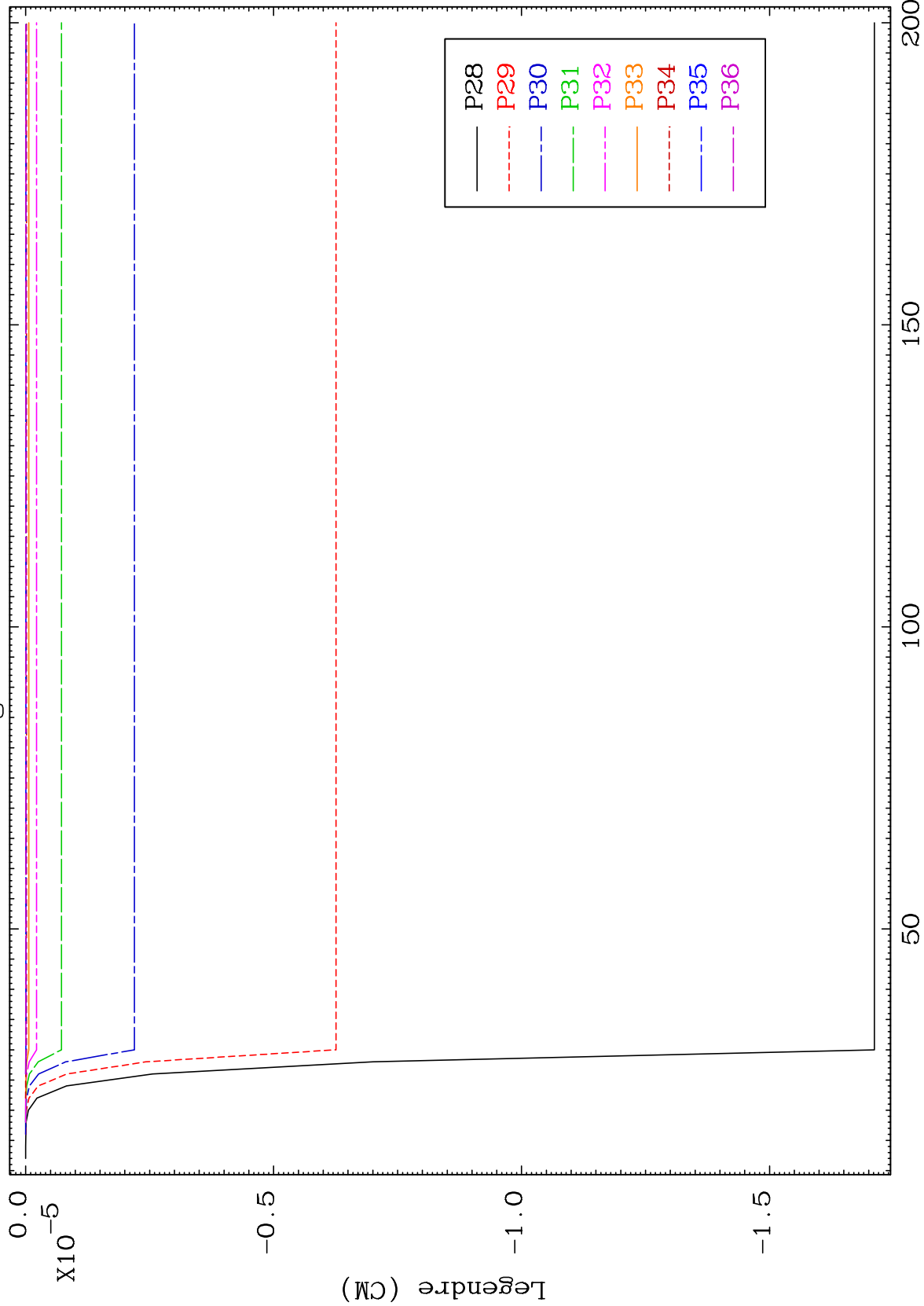
54

71-Lu-168





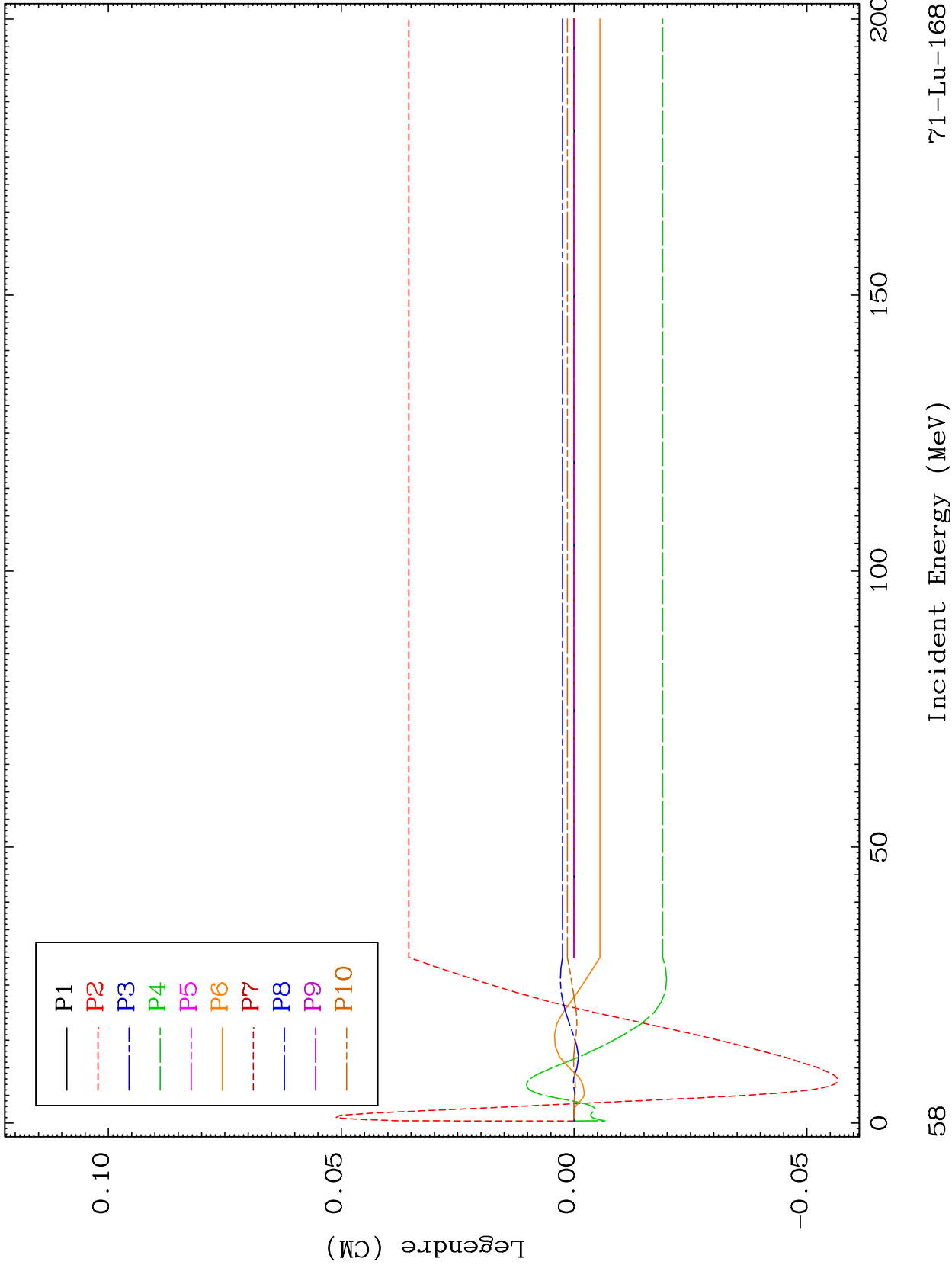




MAT 7104

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

71-Lu-168



58

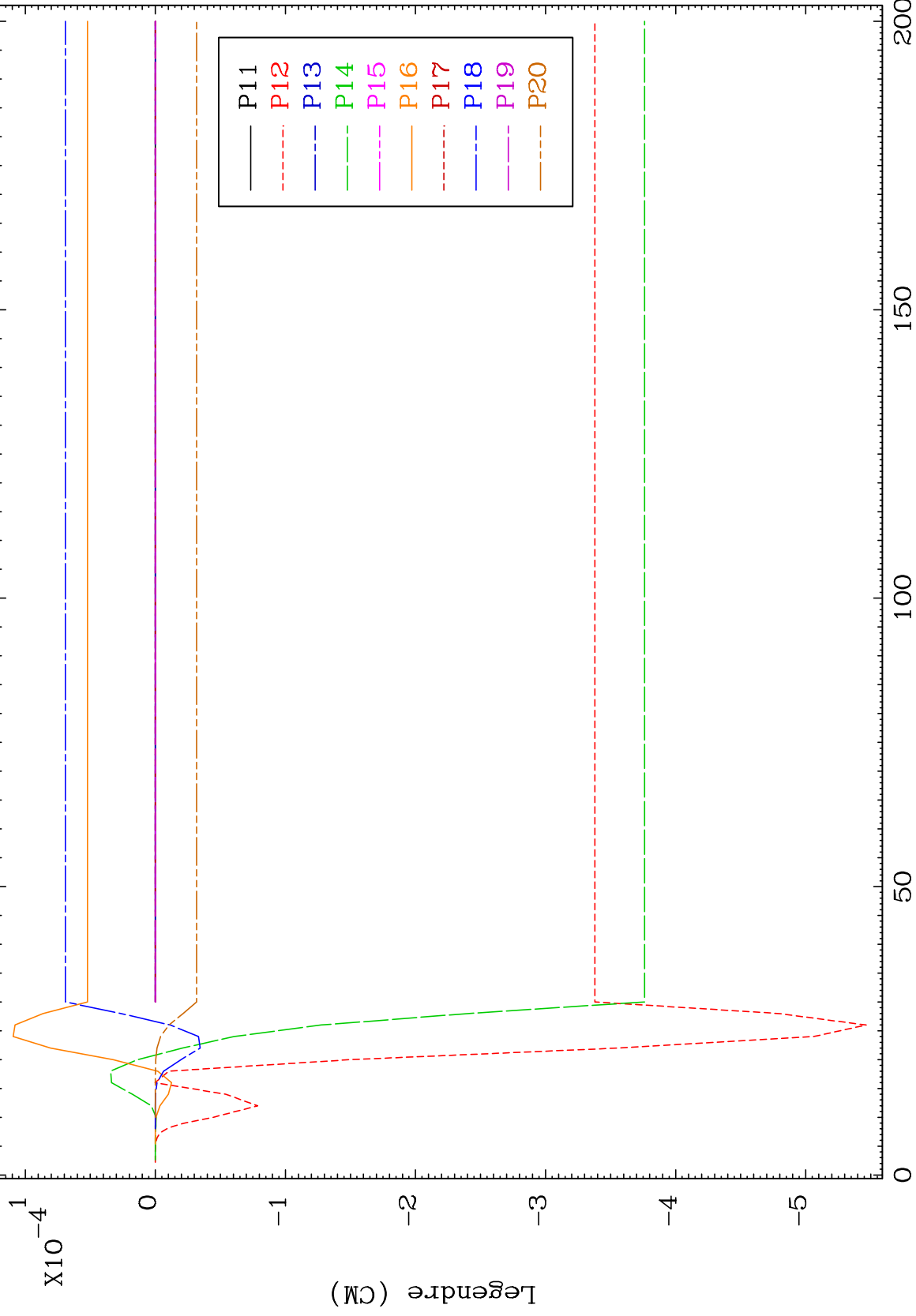
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

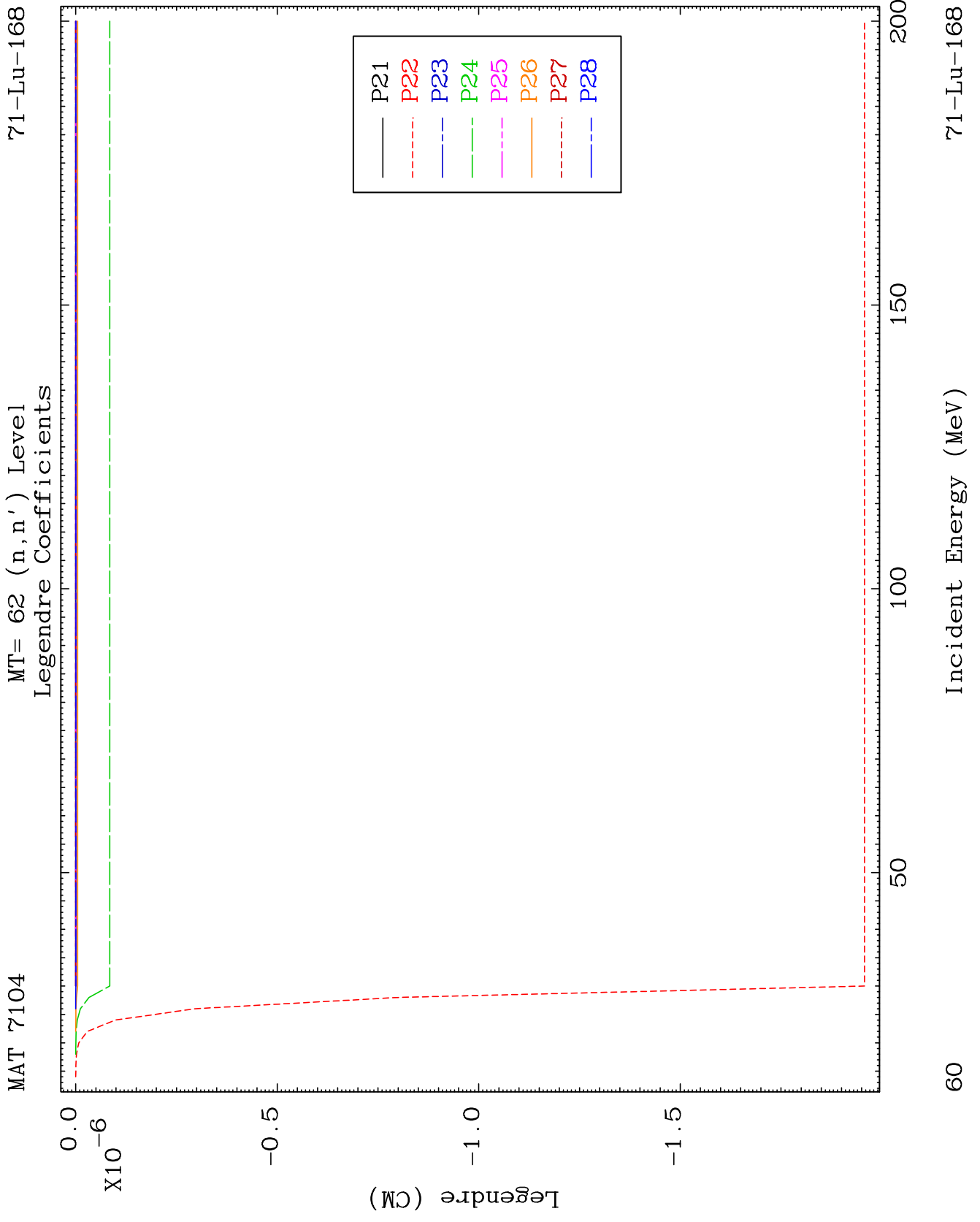
71-Lu-168



59

71-Lu-168

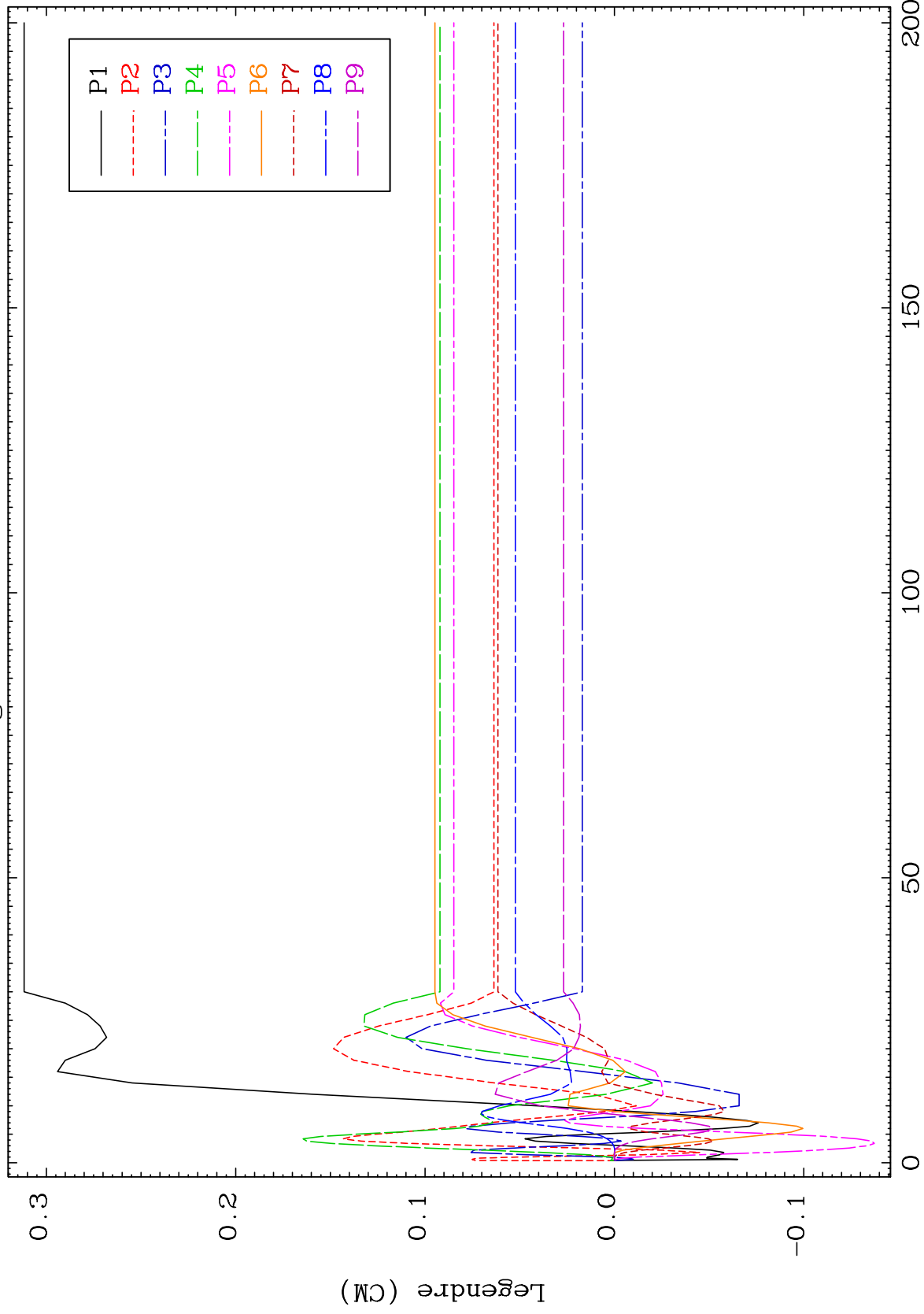
71-Lu-168



MAT 7104

MT= 63 (n,n') Level  
Legendre Coefficients

71-Lu-168



61

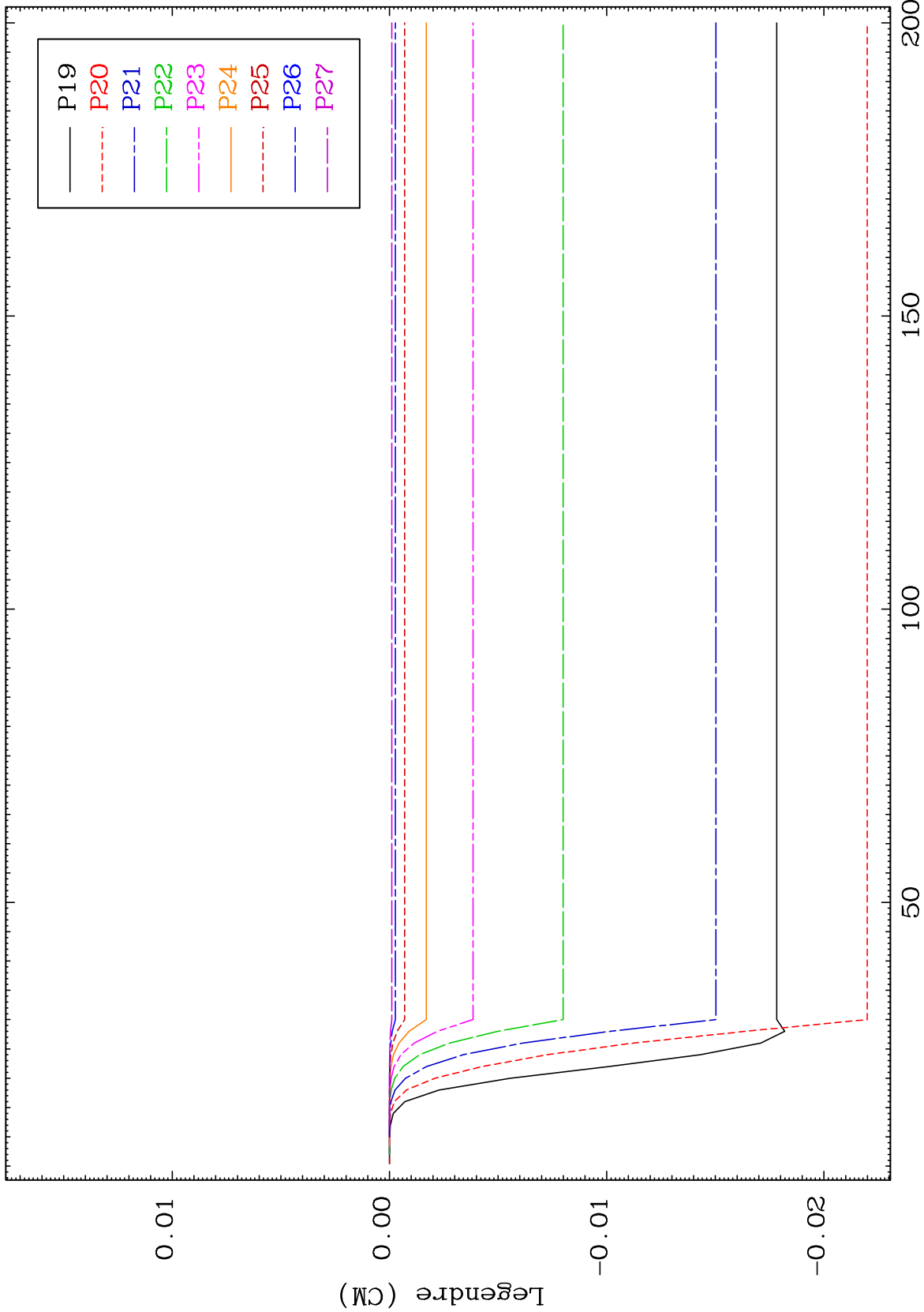
71-Lu-168



MAT 7104

MT= 63 (n,n') Level  
Legendre Coefficients

71-Lu-168

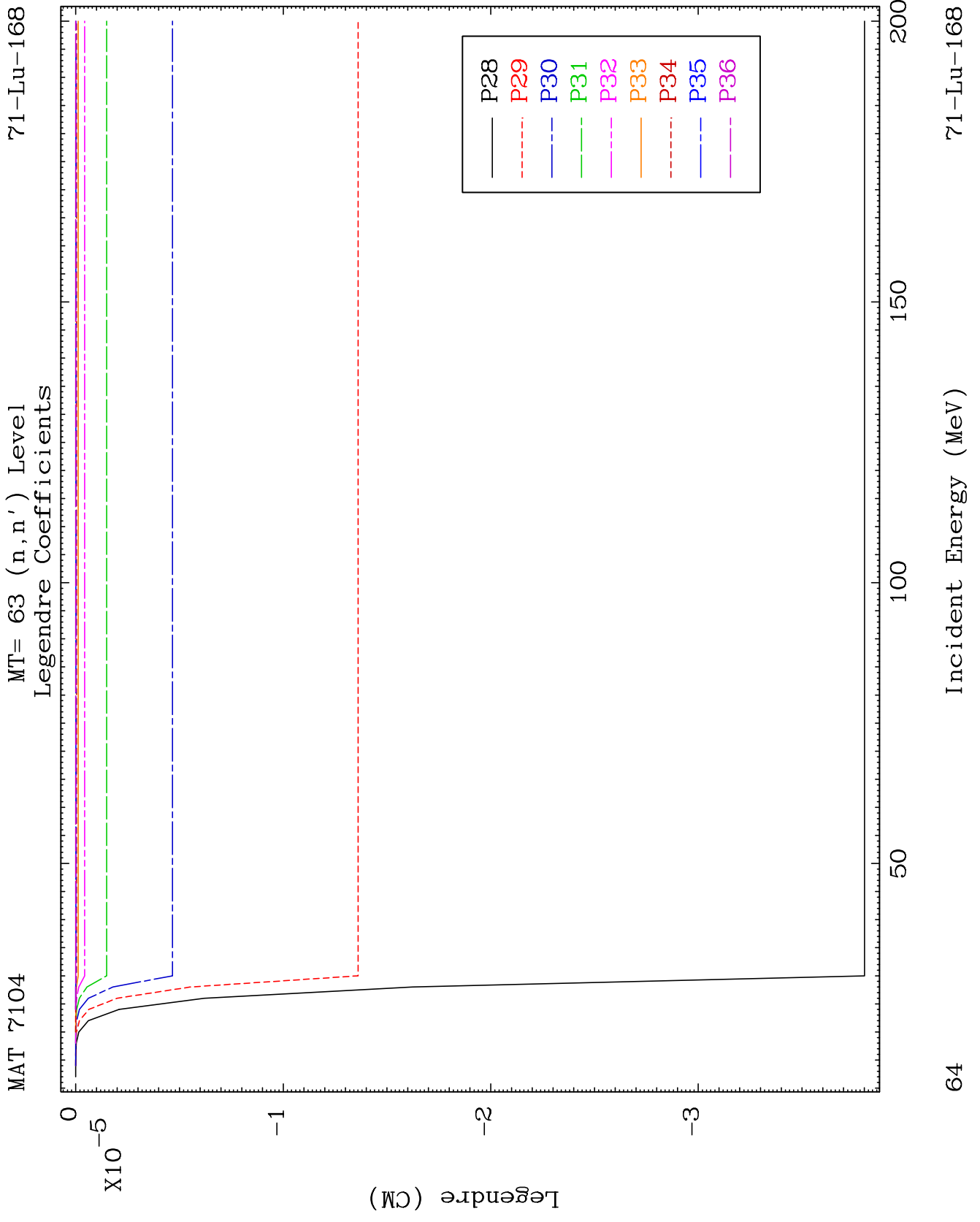


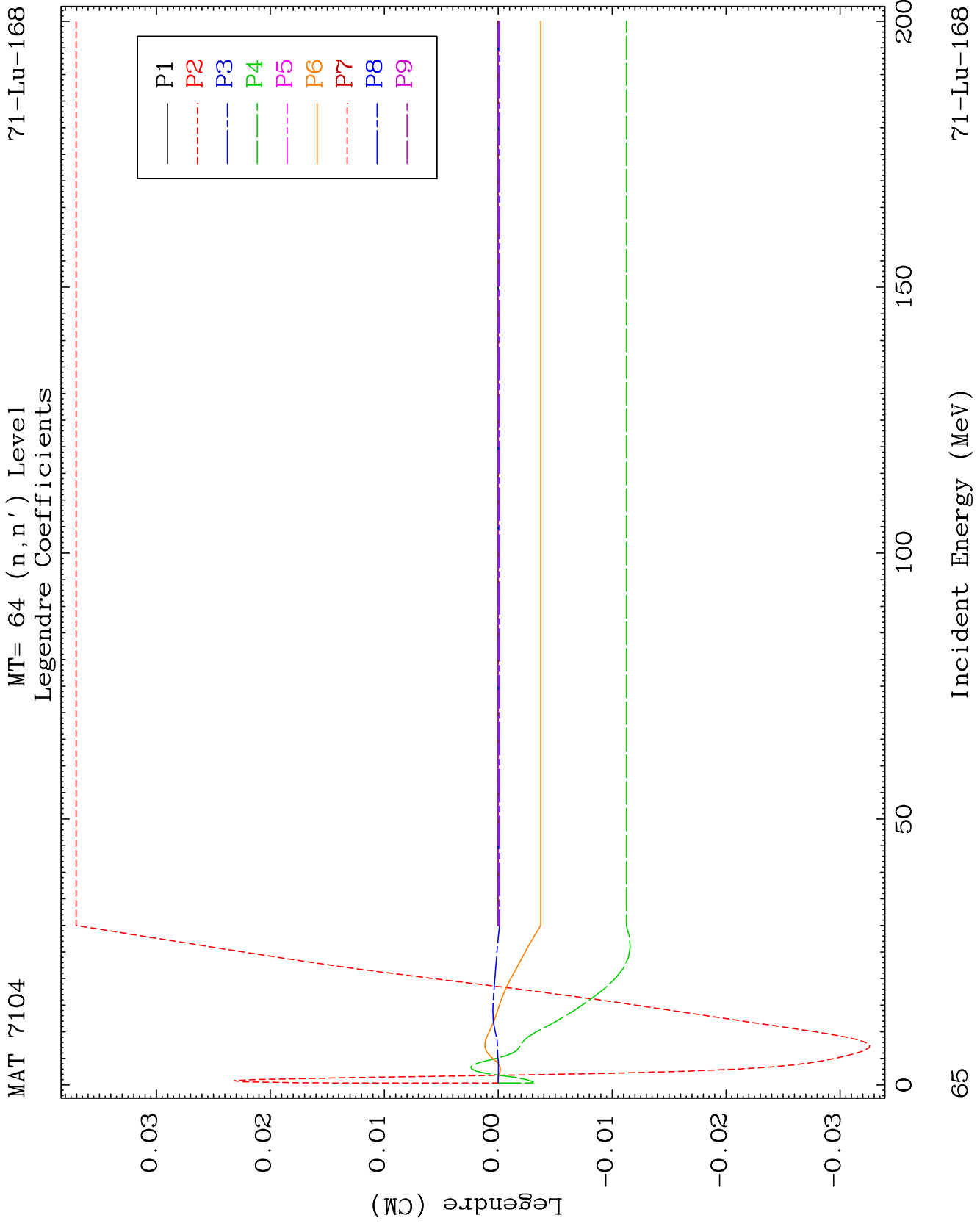
63

Incident Energy (MeV)

71-Lu-168



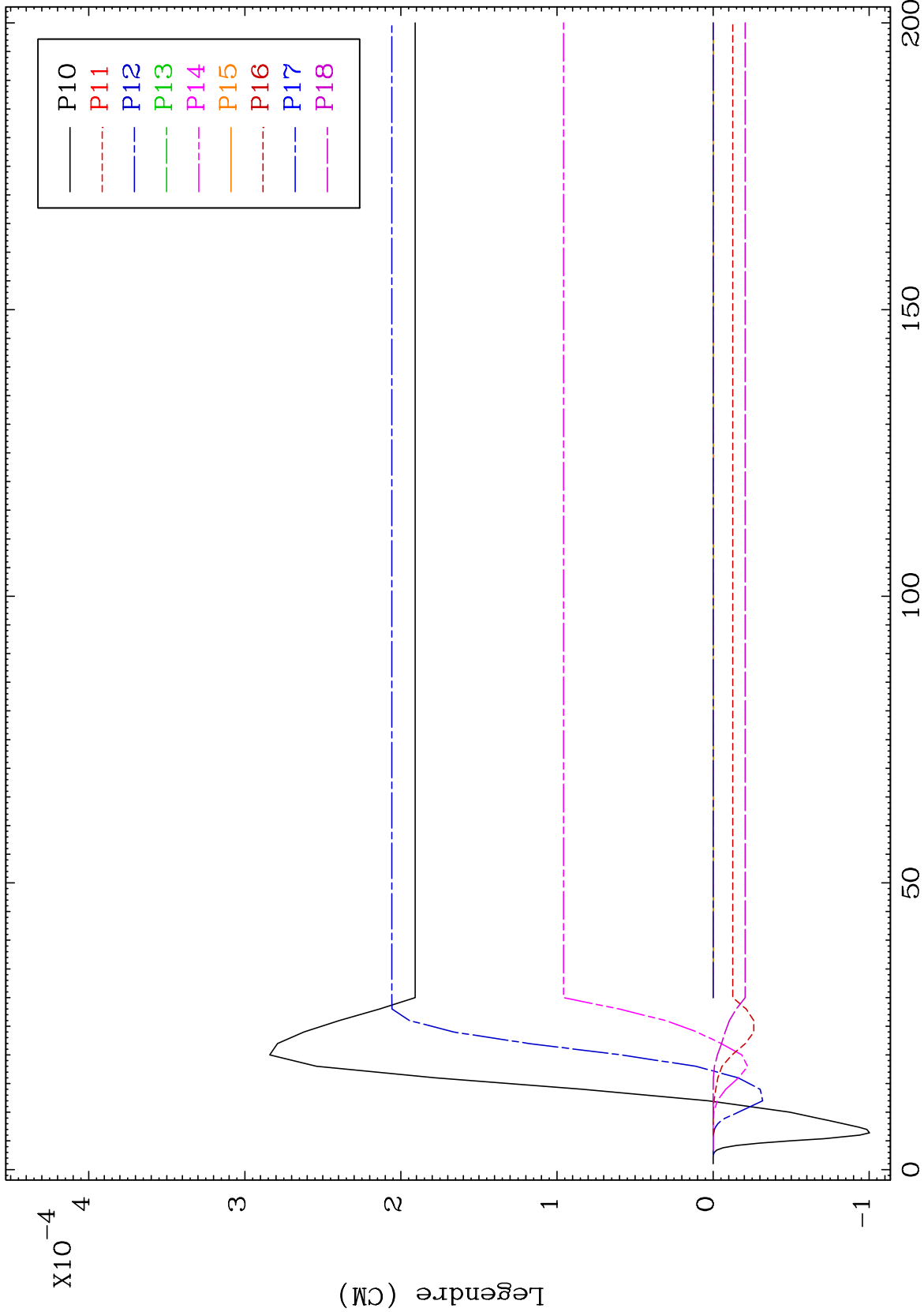




MAT 7104

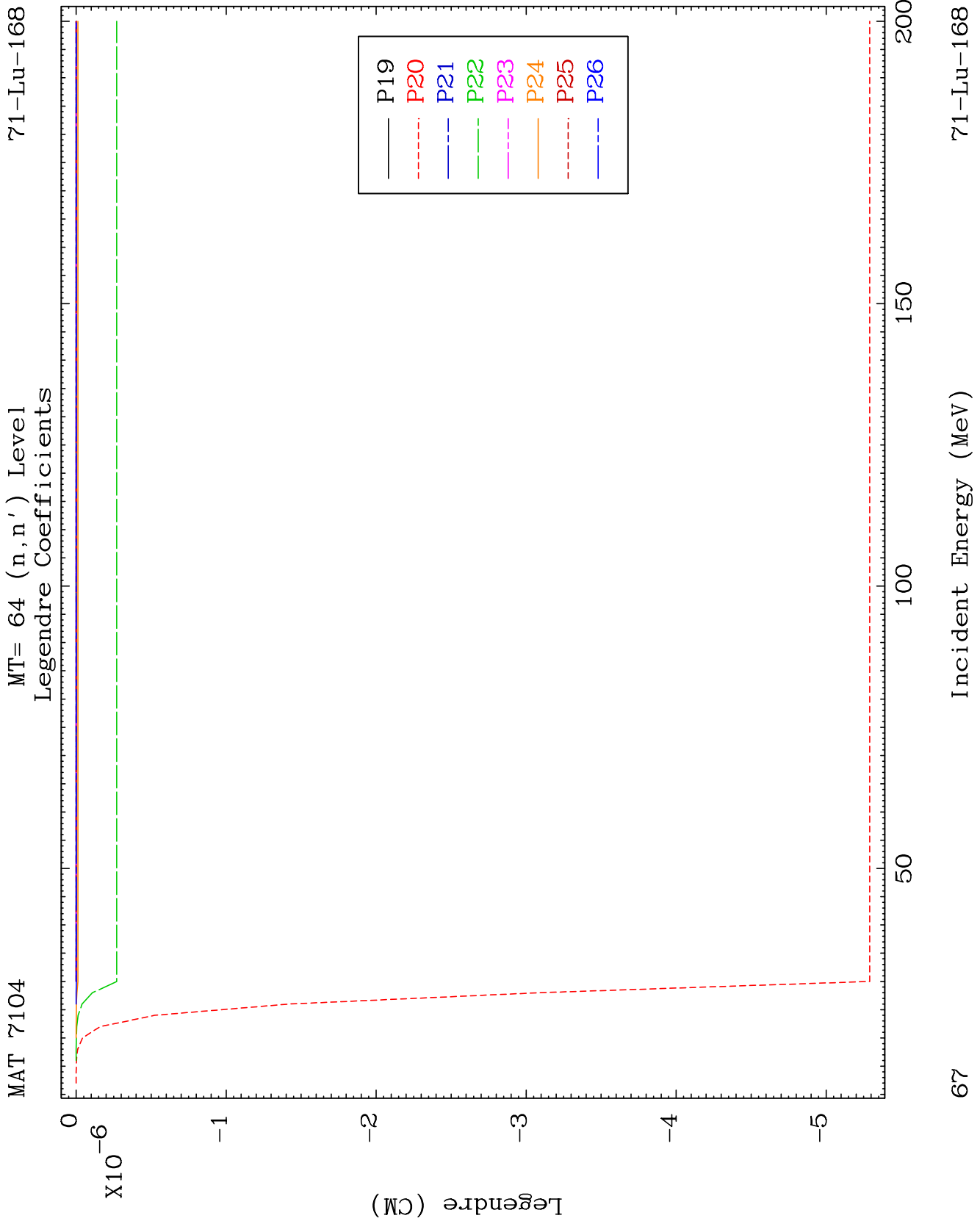
MT= 64 (n,n') Level  
Legendre Coefficients

71-Lu-168



66

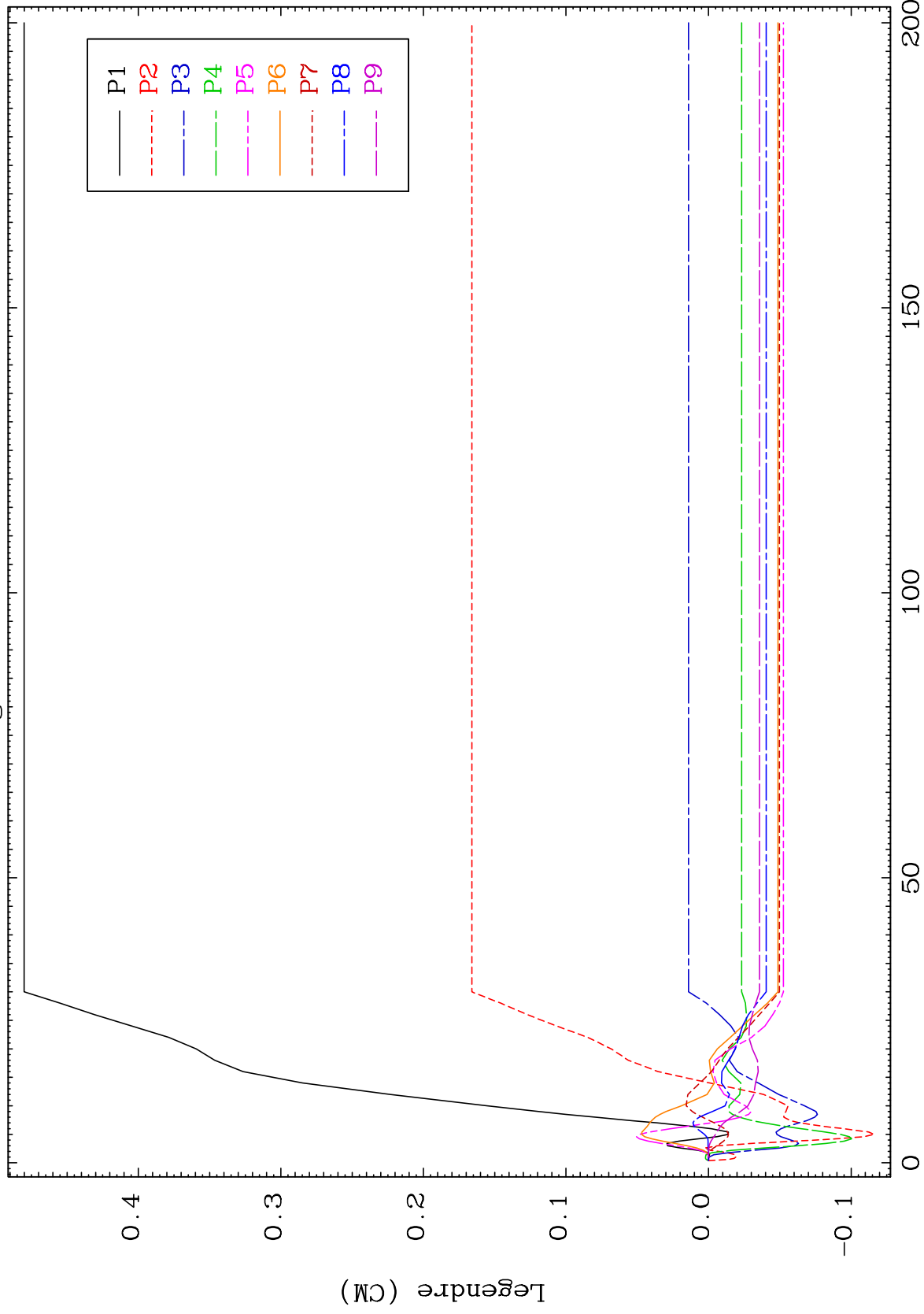
71-Lu-168



MAT 7104

MT= 65 (n,n') Level  
Legendre Coefficients

71-Lu-168



68

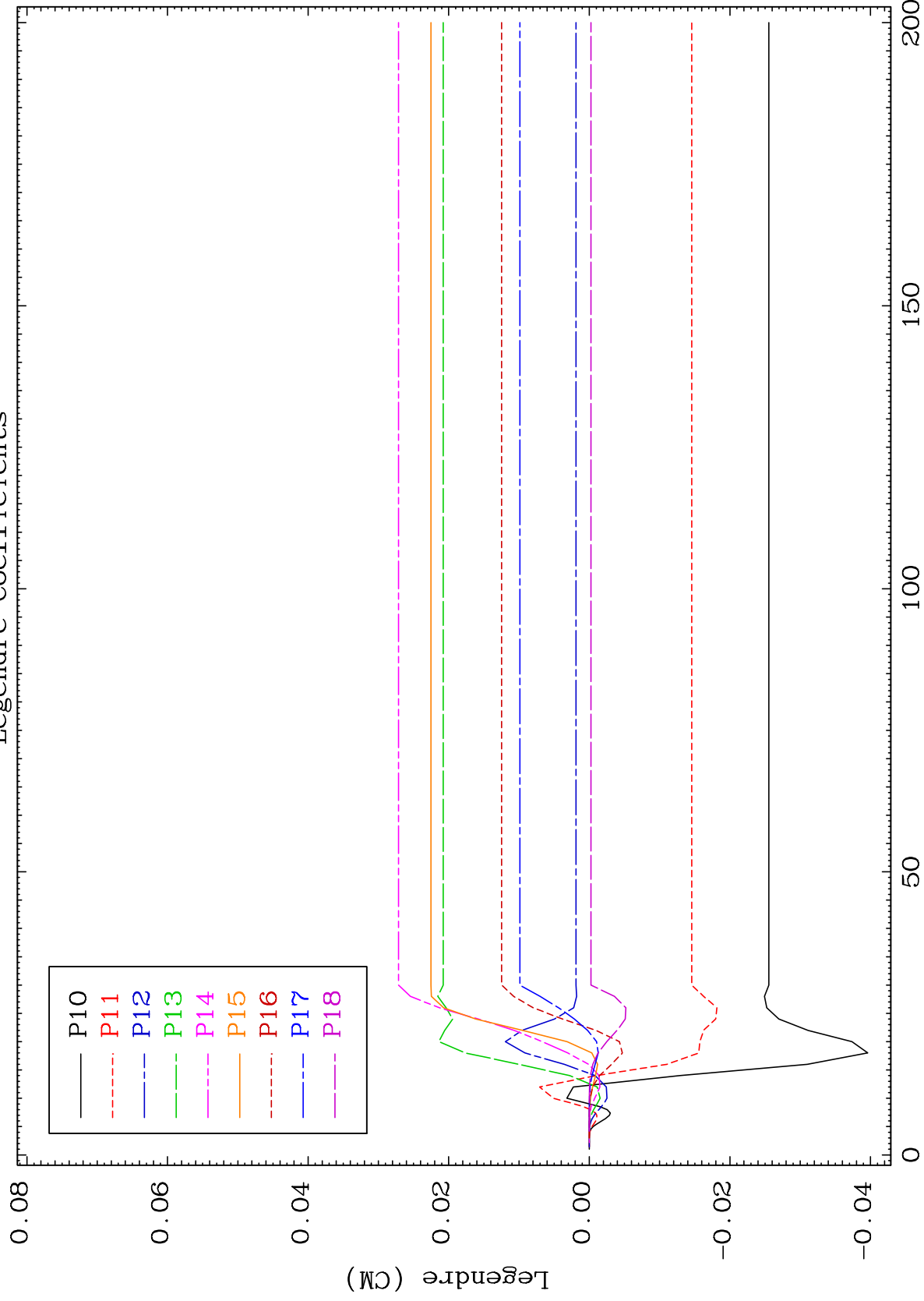
Incident Energy (MeV)

71-Lu-168

MAT 7104

MT= 65 (n,n') Level  
Legendre Coefficients

71-Lu-168



69

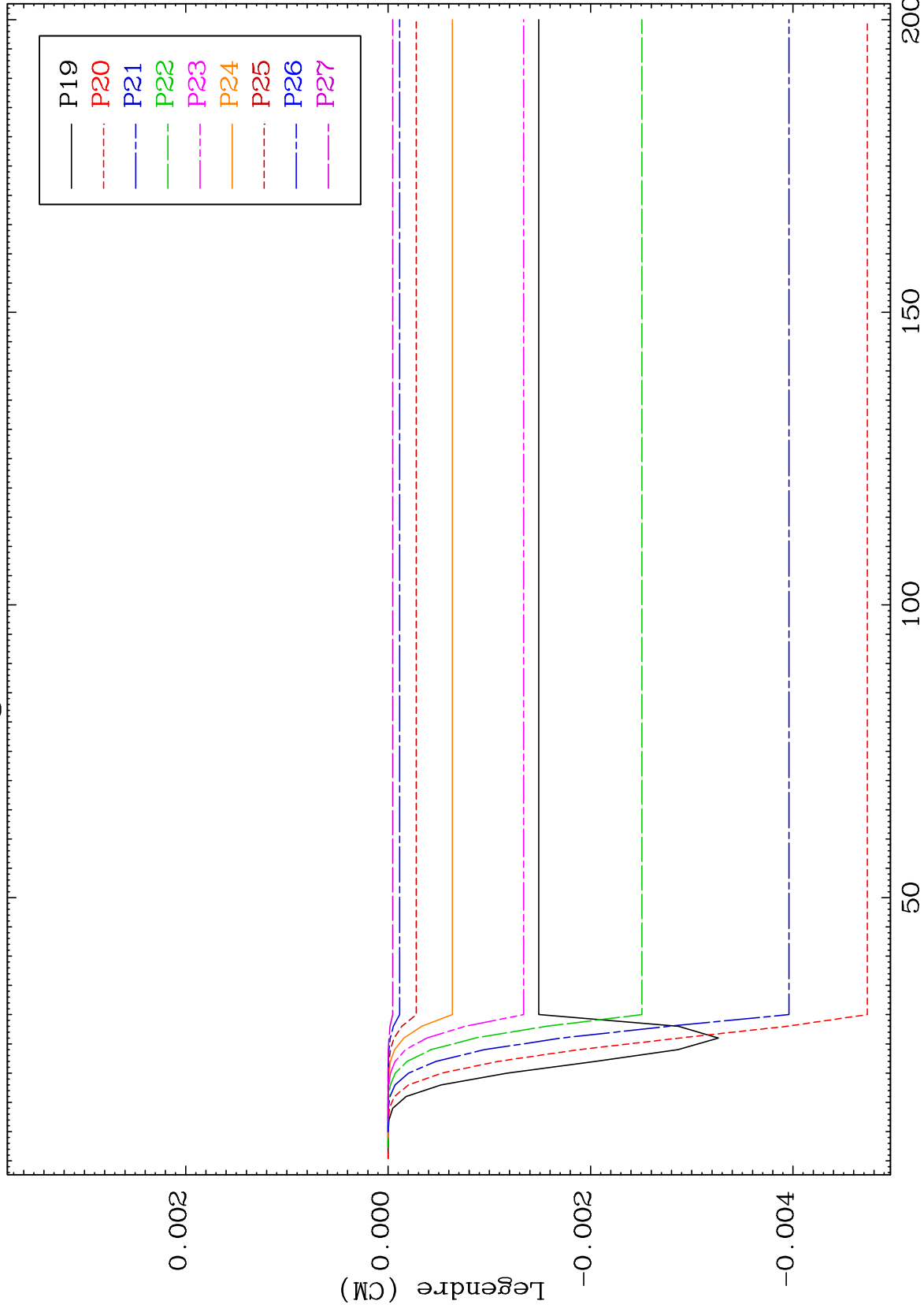
Incident Energy (MeV)

71-Lu-168

MAT 7104

MT= 65 (n,n') Level  
Legendre Coefficients

71-Lu-168



70

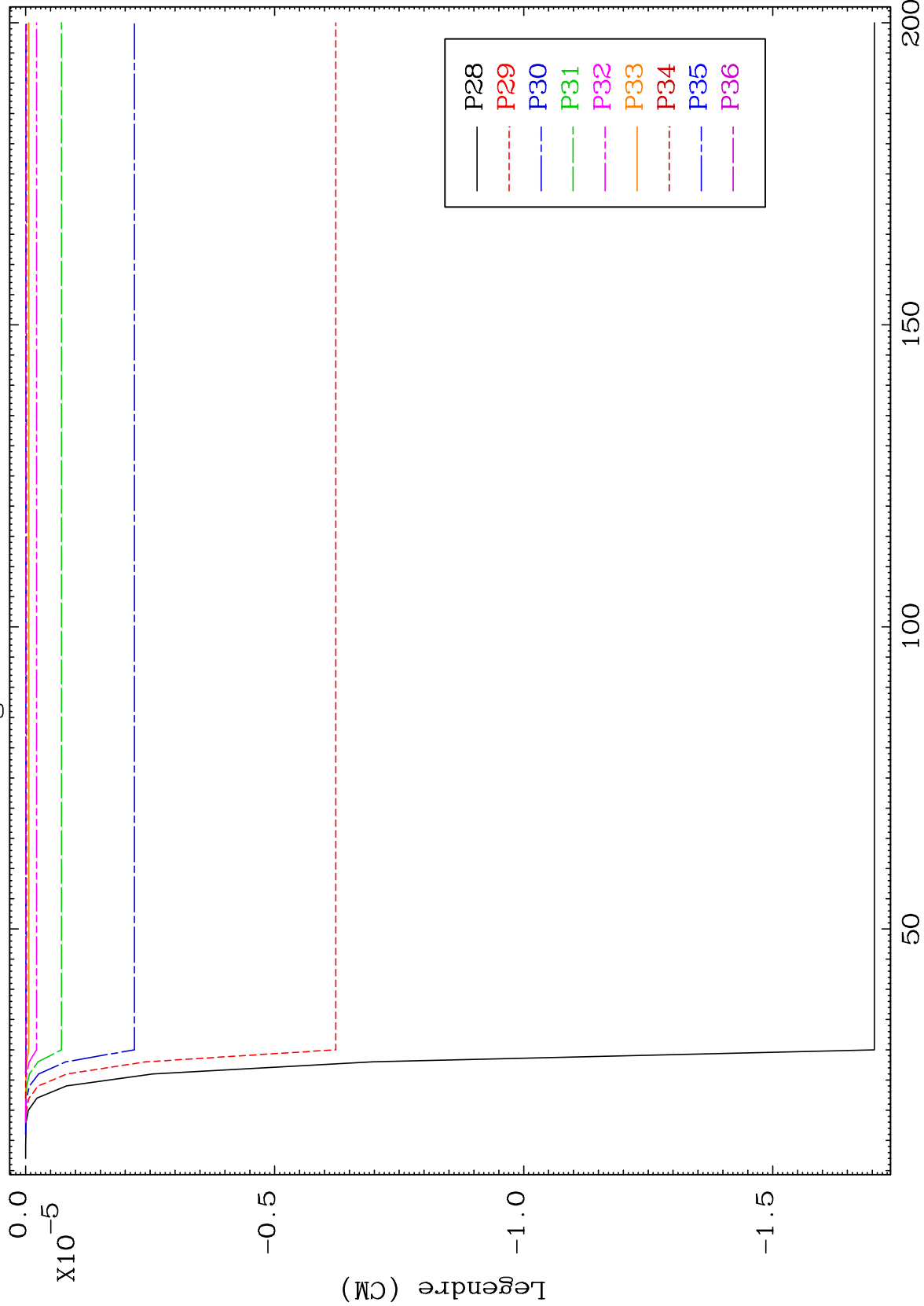
Incident Energy (MeV)

71-Lu-168

MAT 7104

MT= 65 (n,n') Level Legendre Coefficients

71-Lu-168



71-Lu-168

Incident Energy (MeV)

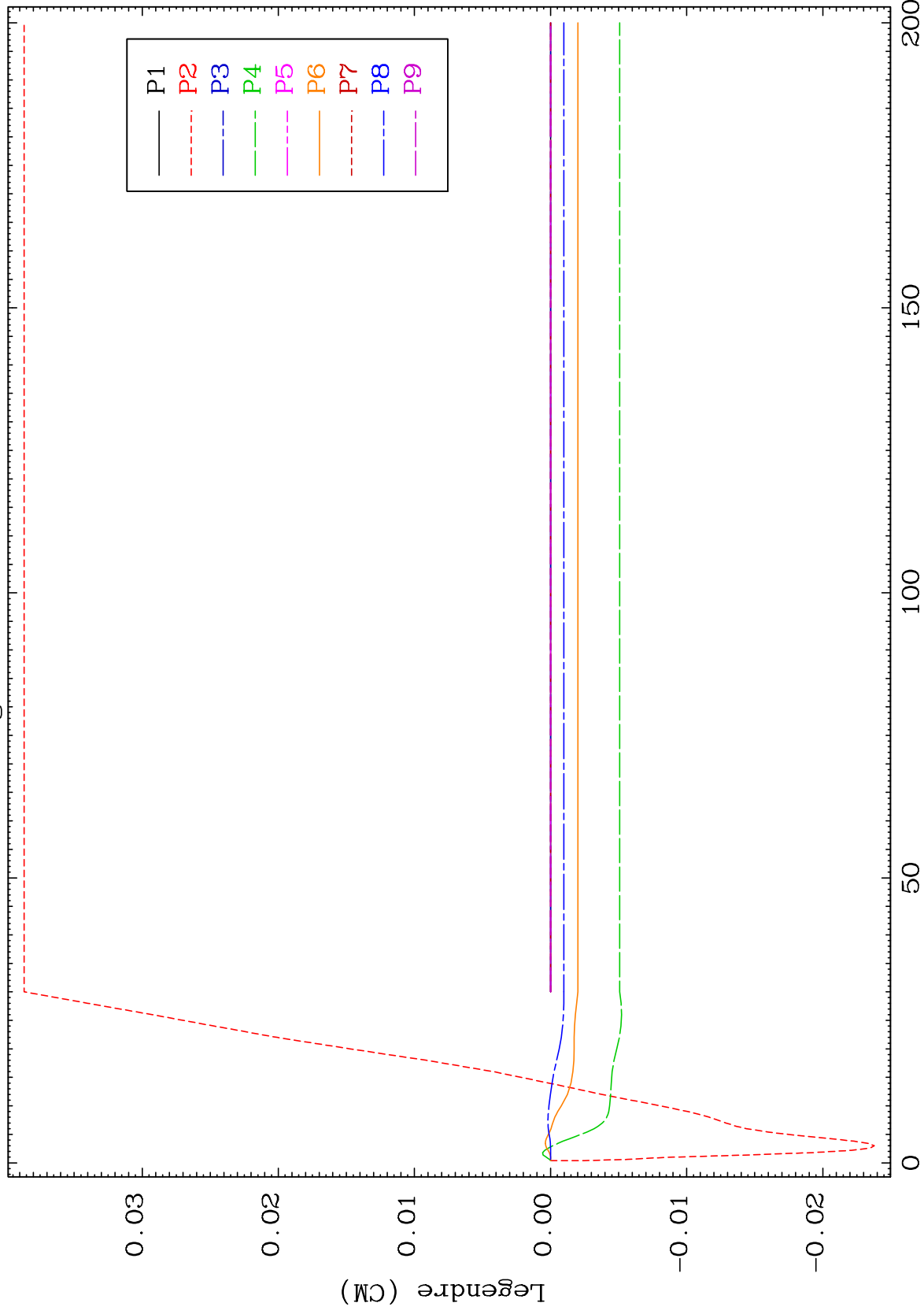
71



MAT 7104

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

71-Lu-168



72

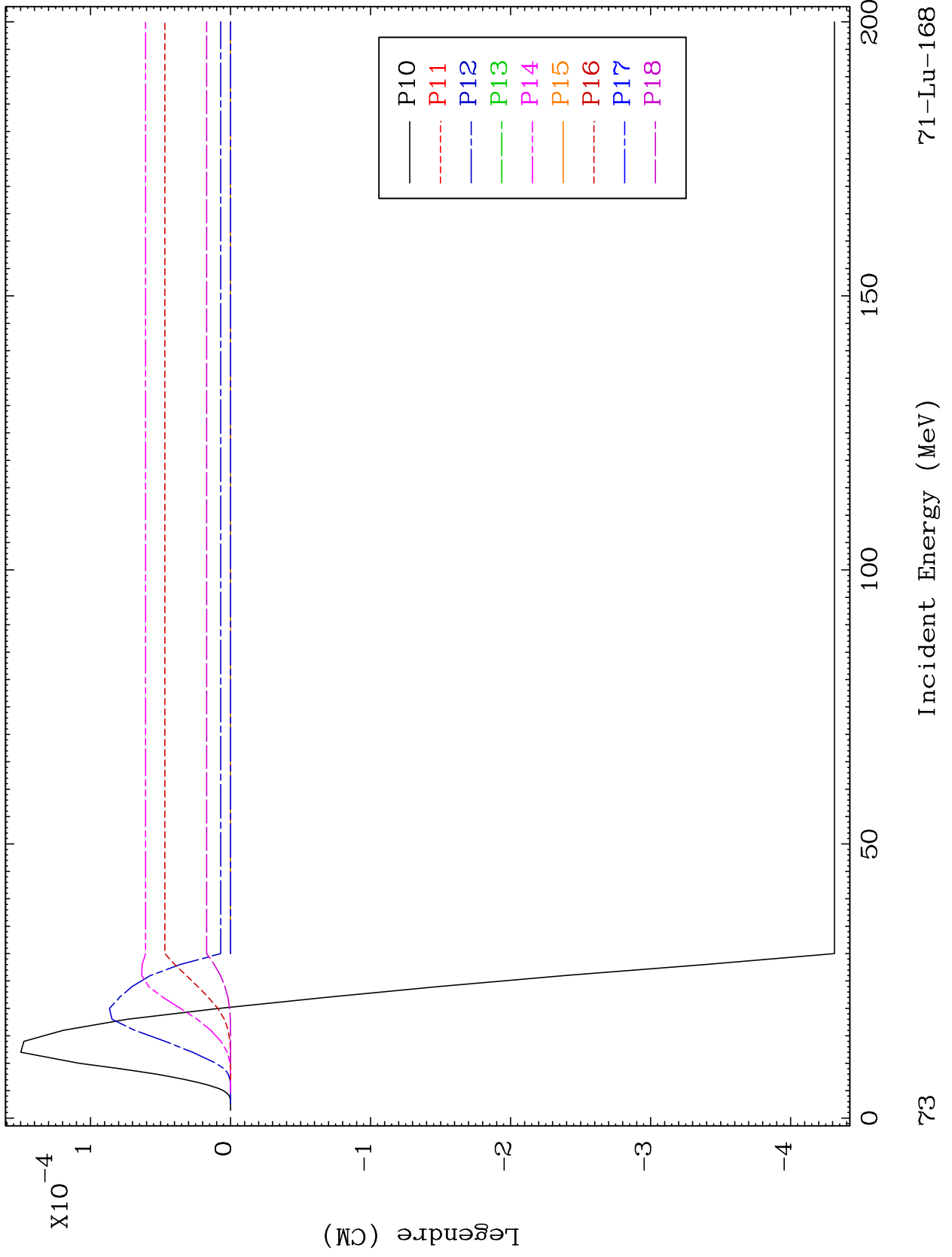
Incident Energy (MeV)

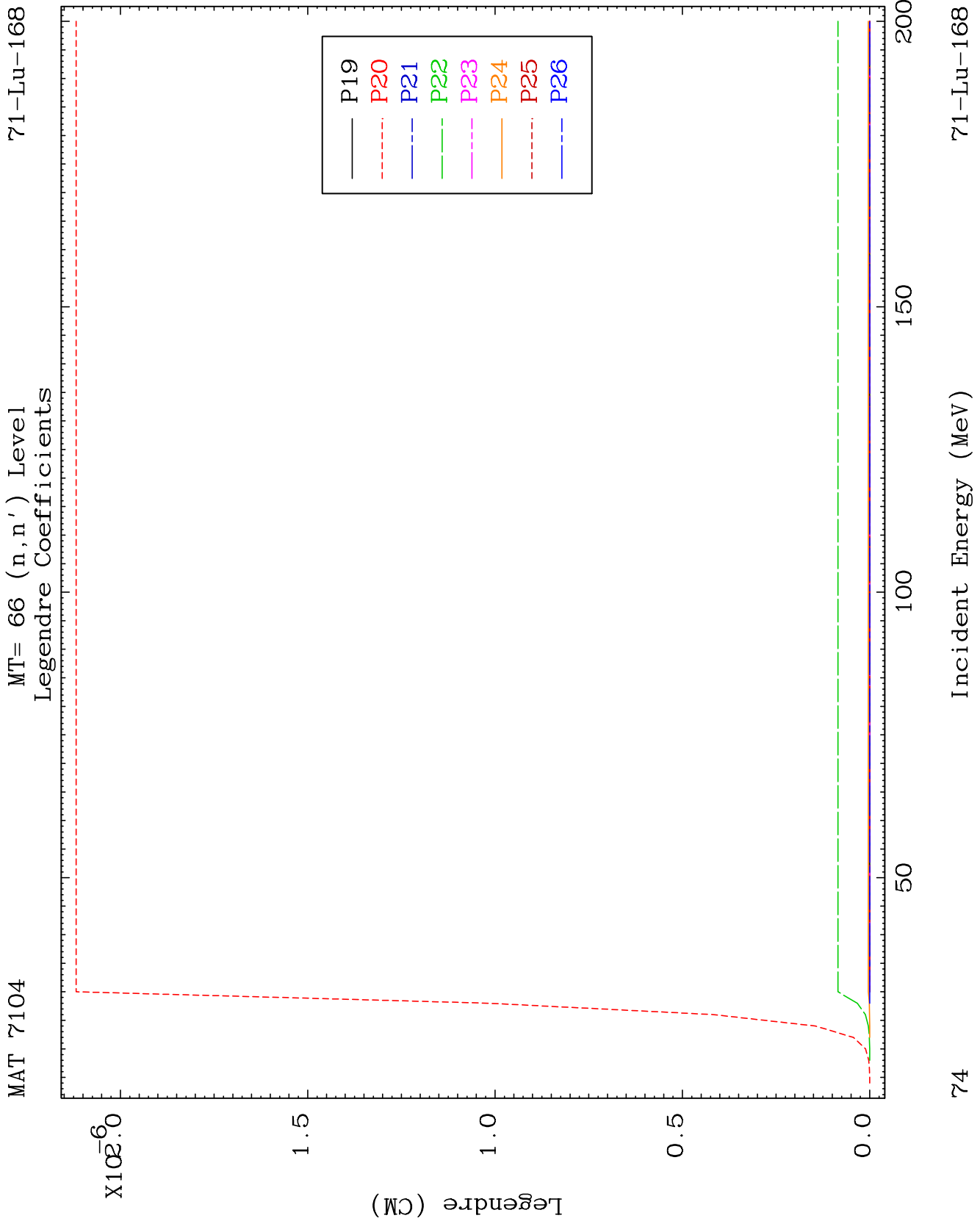
71-Lu-168

MAT 7104

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

71-Lu-168



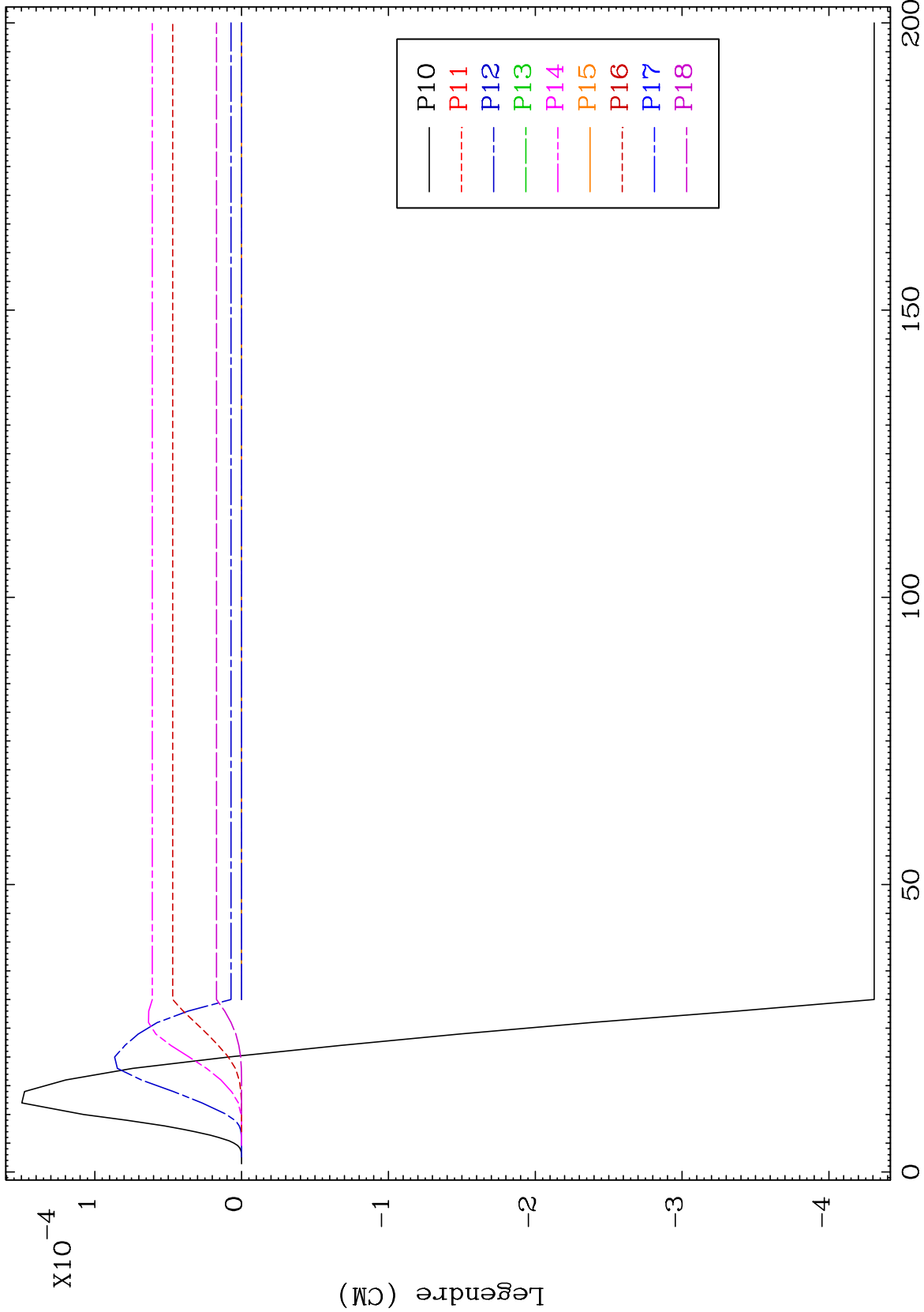




MAT 7104

MT= 67 (n,n') Level  
Legendre Coefficients

71-Lu-168

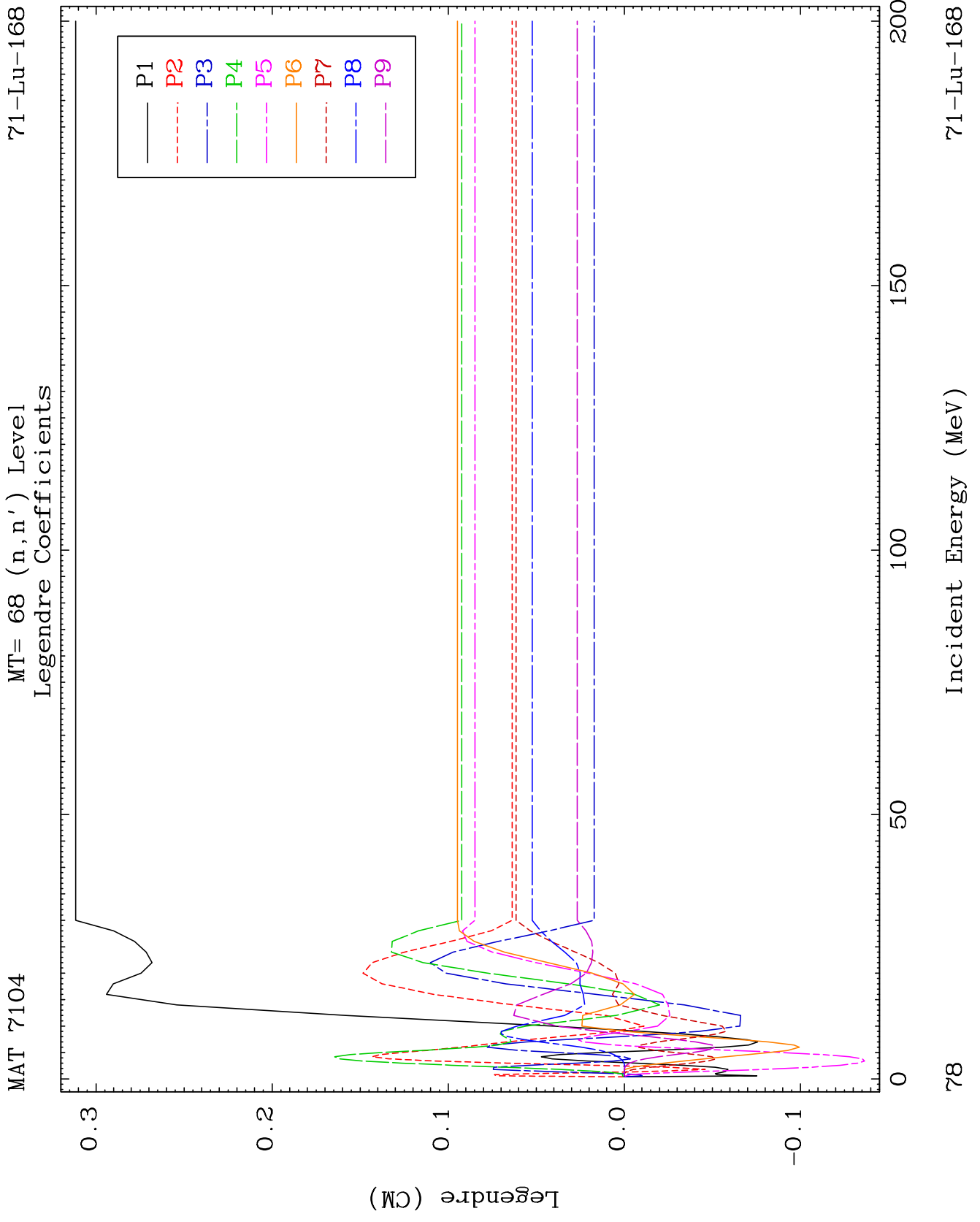


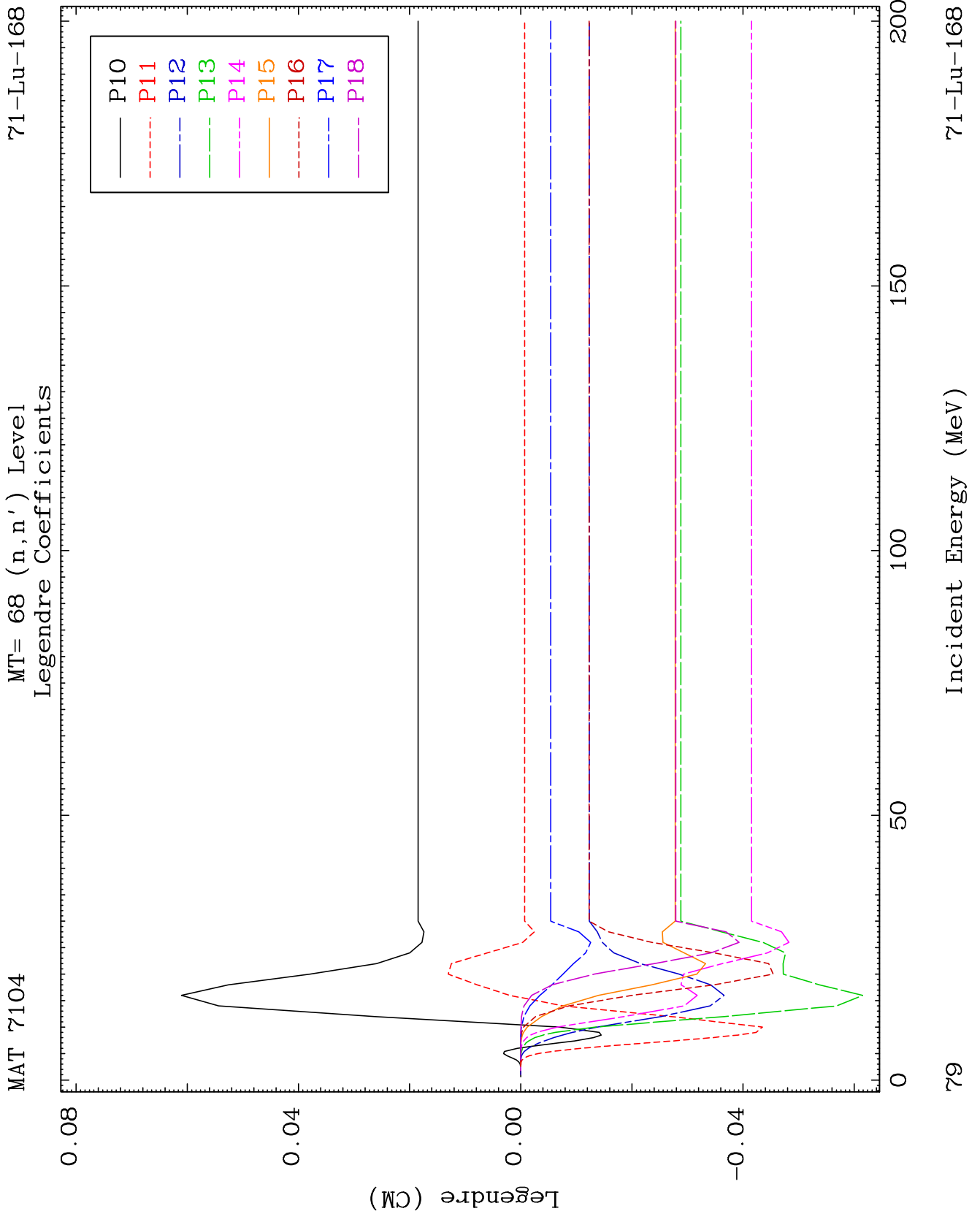
76

Incident Energy (MeV)

71-Lu-168





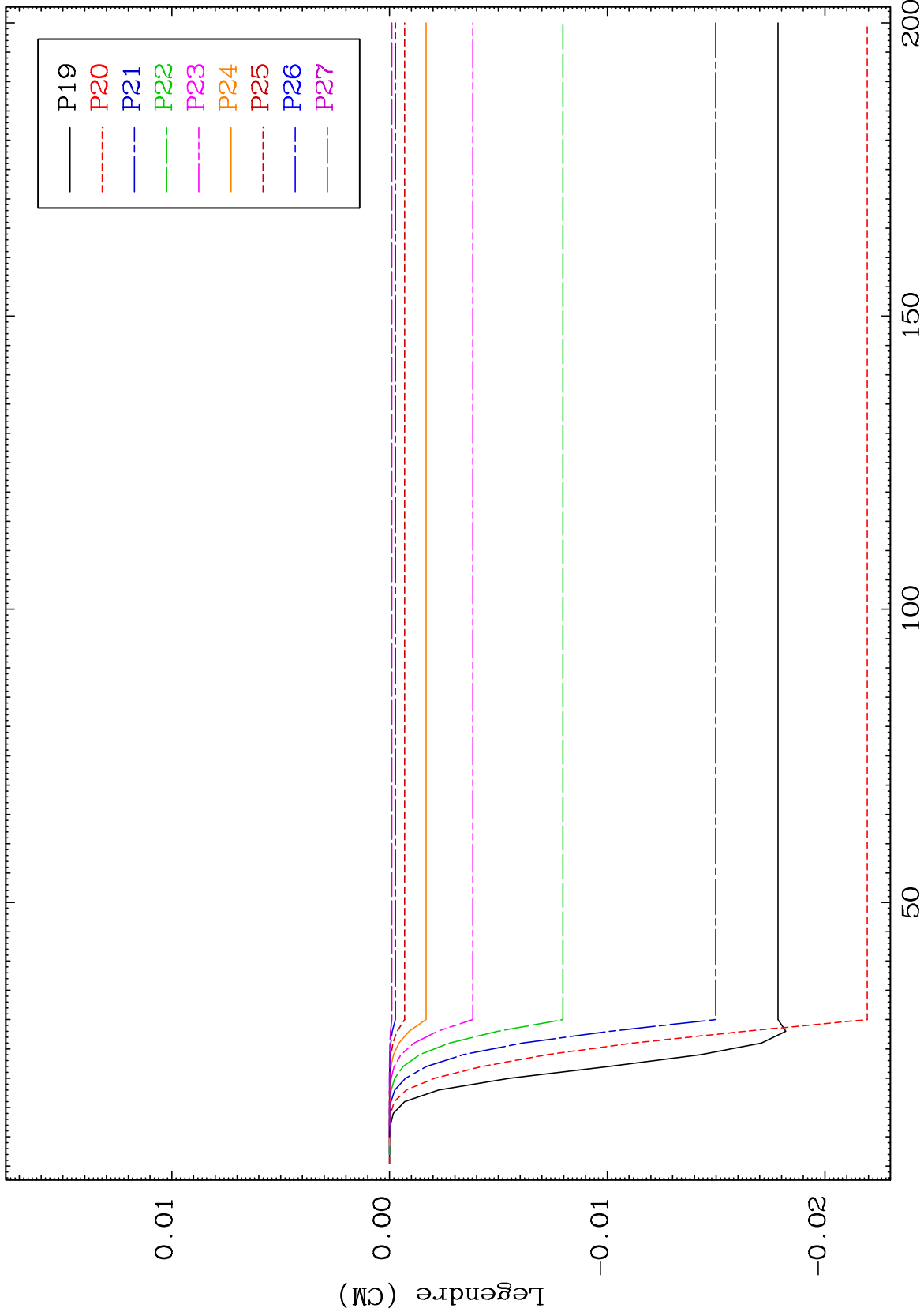




MAT 7104

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

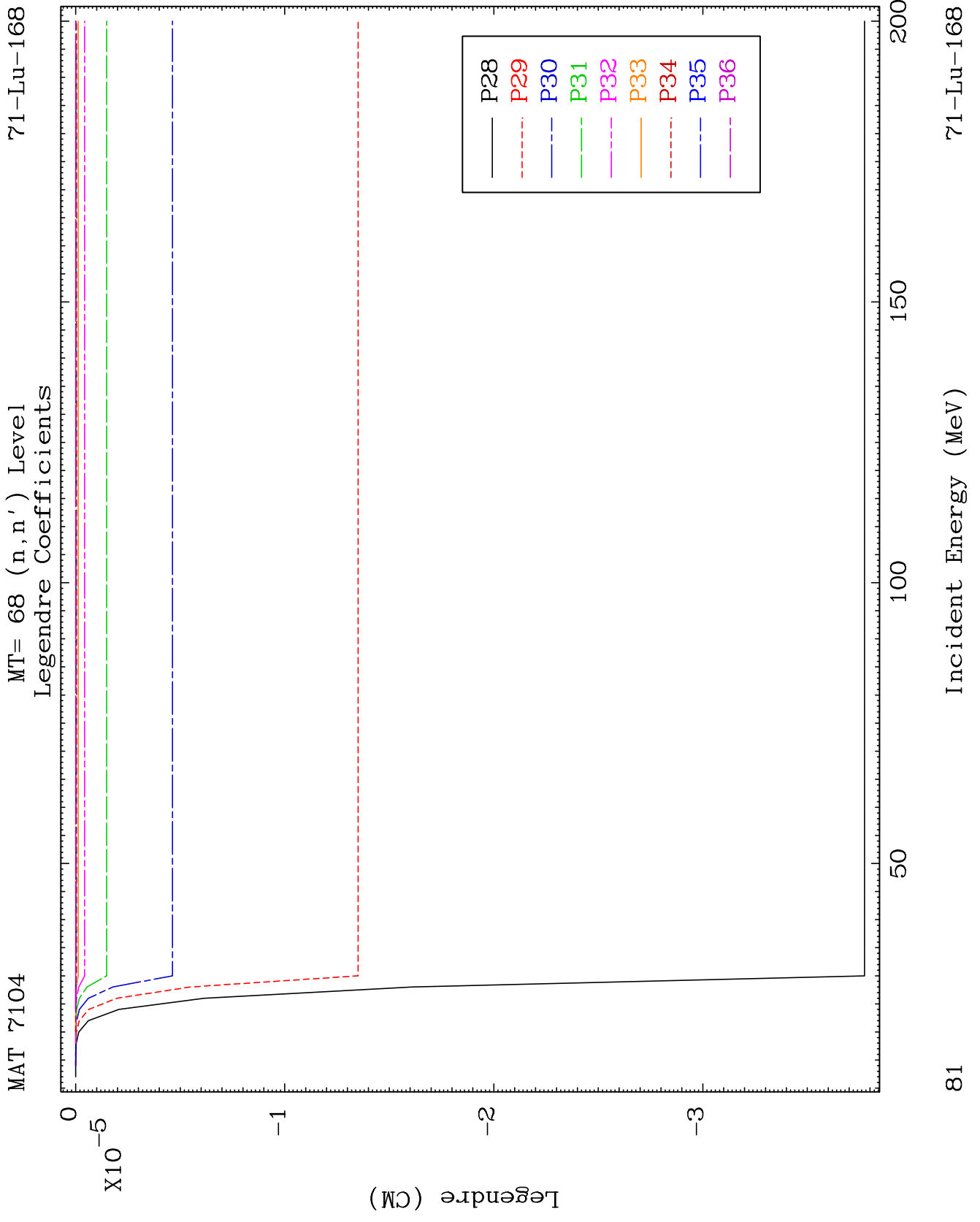
71-Lu-168



80

Incident Energy (MeV)

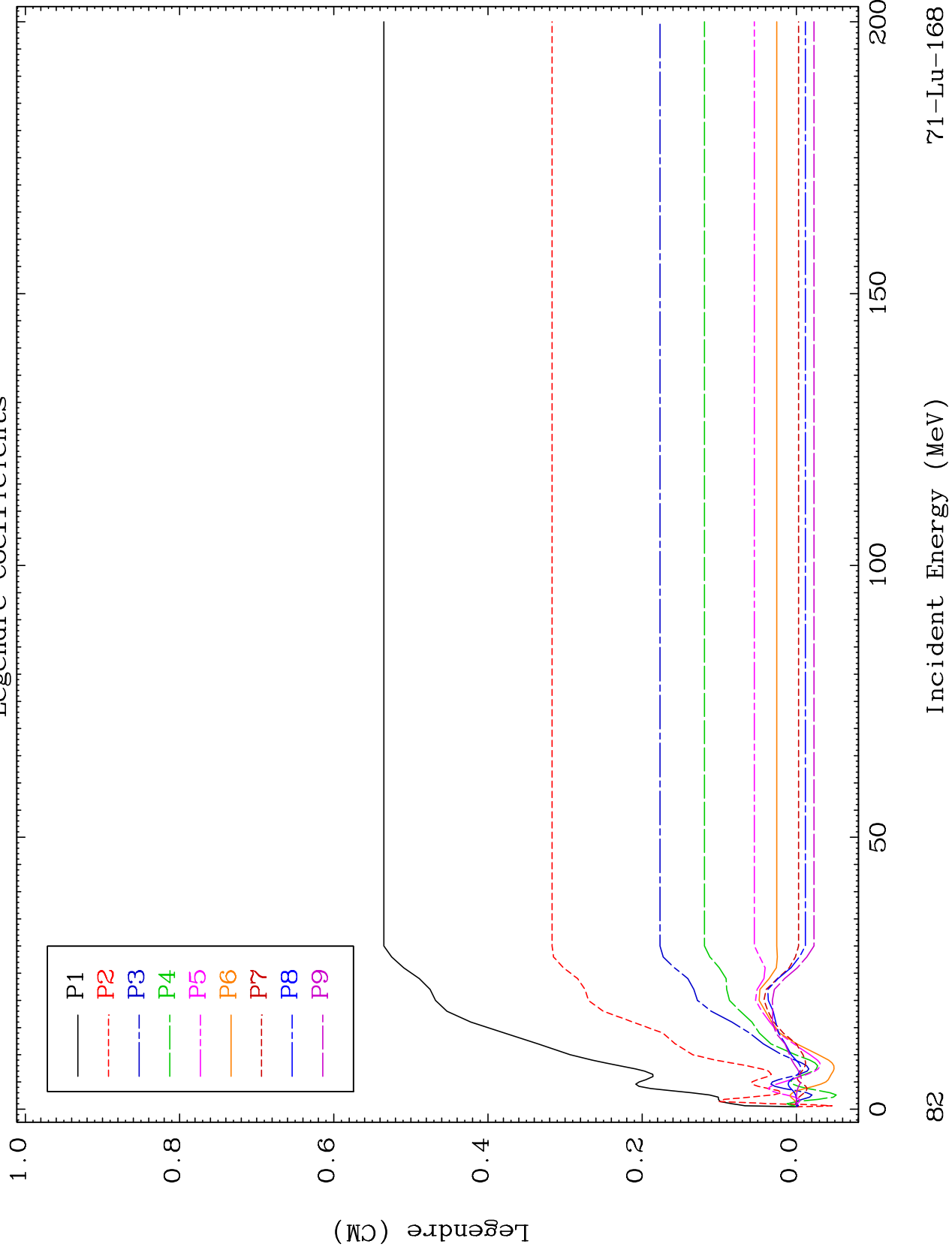
71-Lu-168



MAT 7104

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

71-Lu-168



71-Lu-168

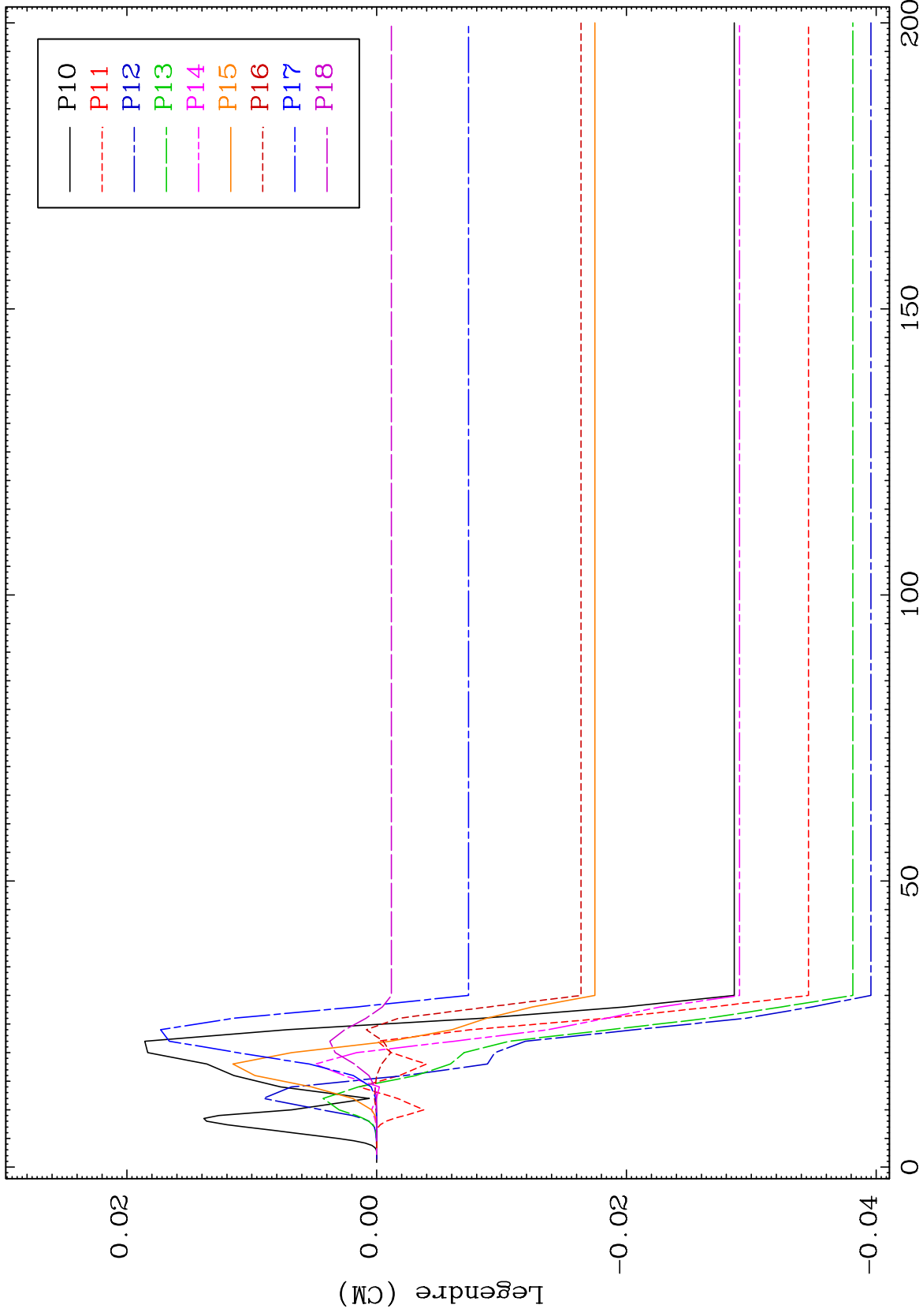
Incident Energy (MeV)

82

MAT 7104

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

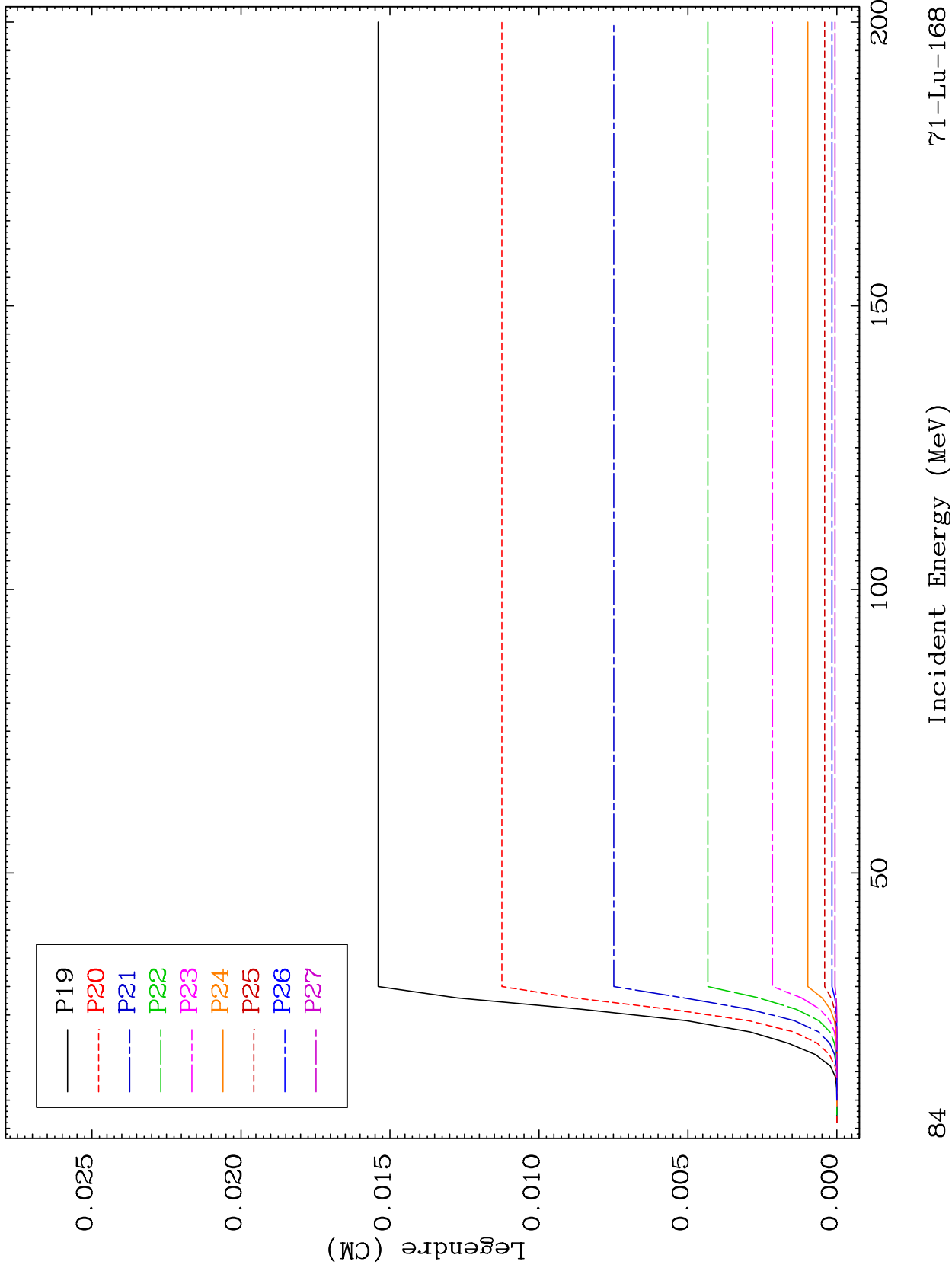
71-Lu-168



83

Incident Energy (MeV)

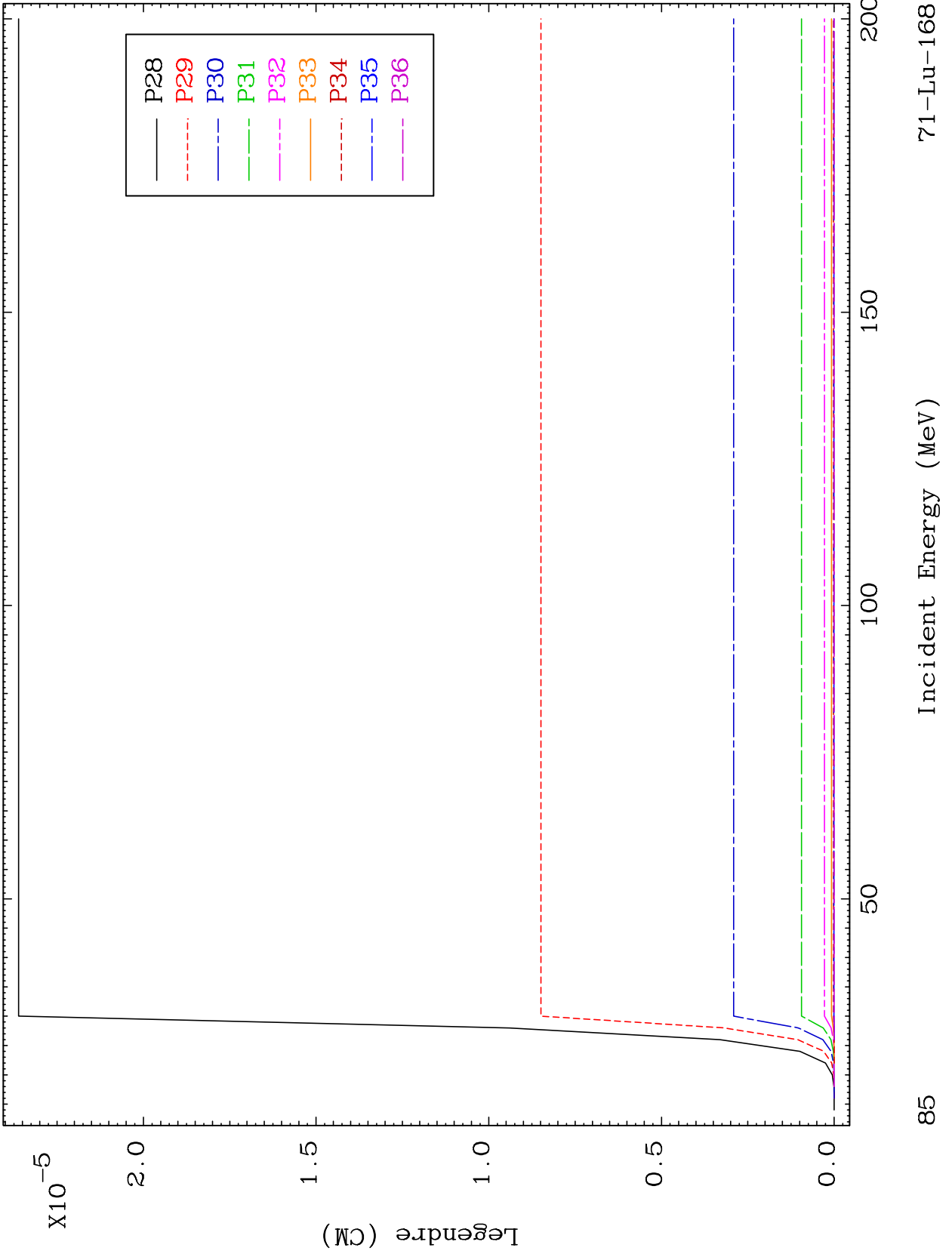
71-Lu-168



MAT 7104

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

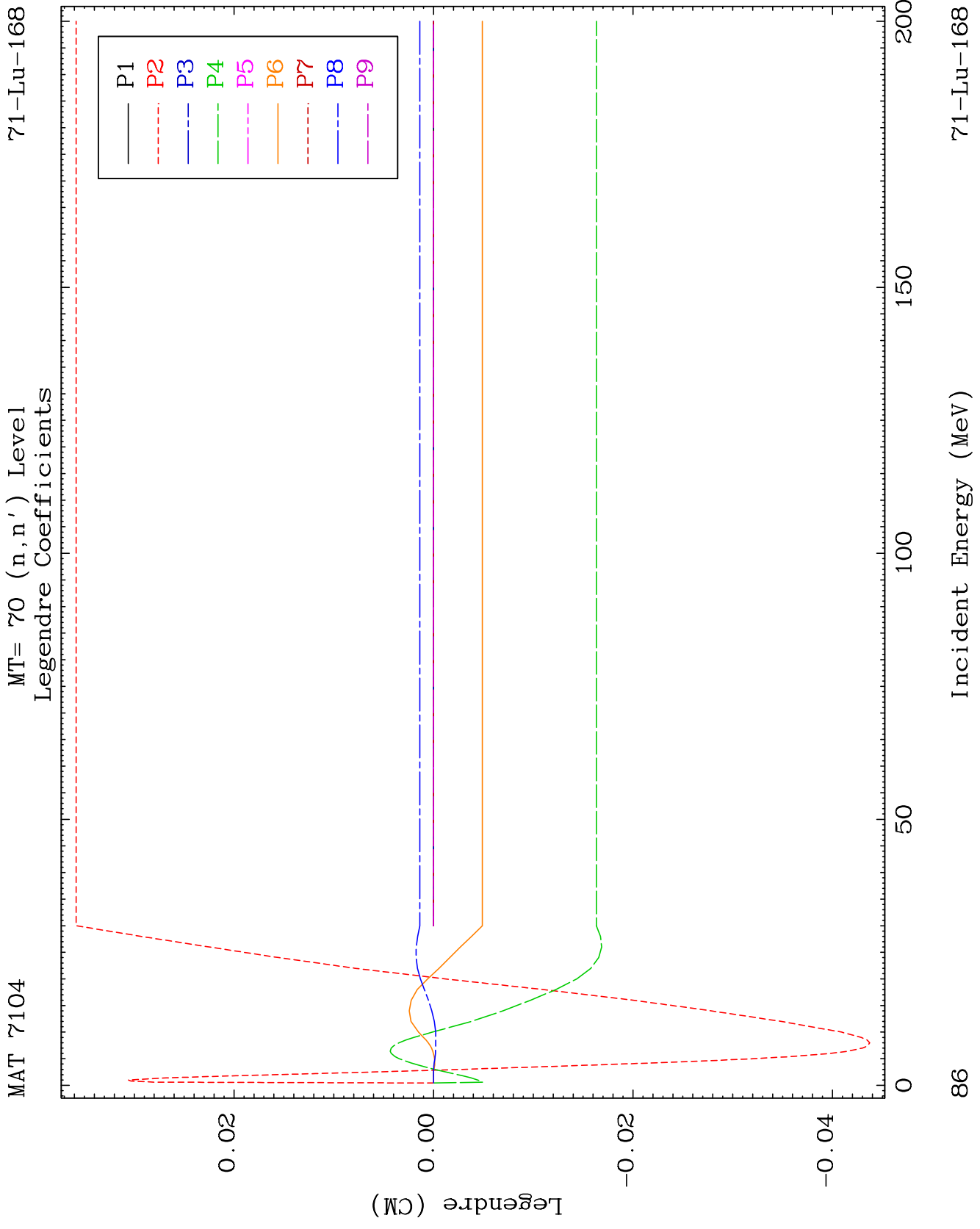
71-Lu-168



85

Incident Energy (MeV)

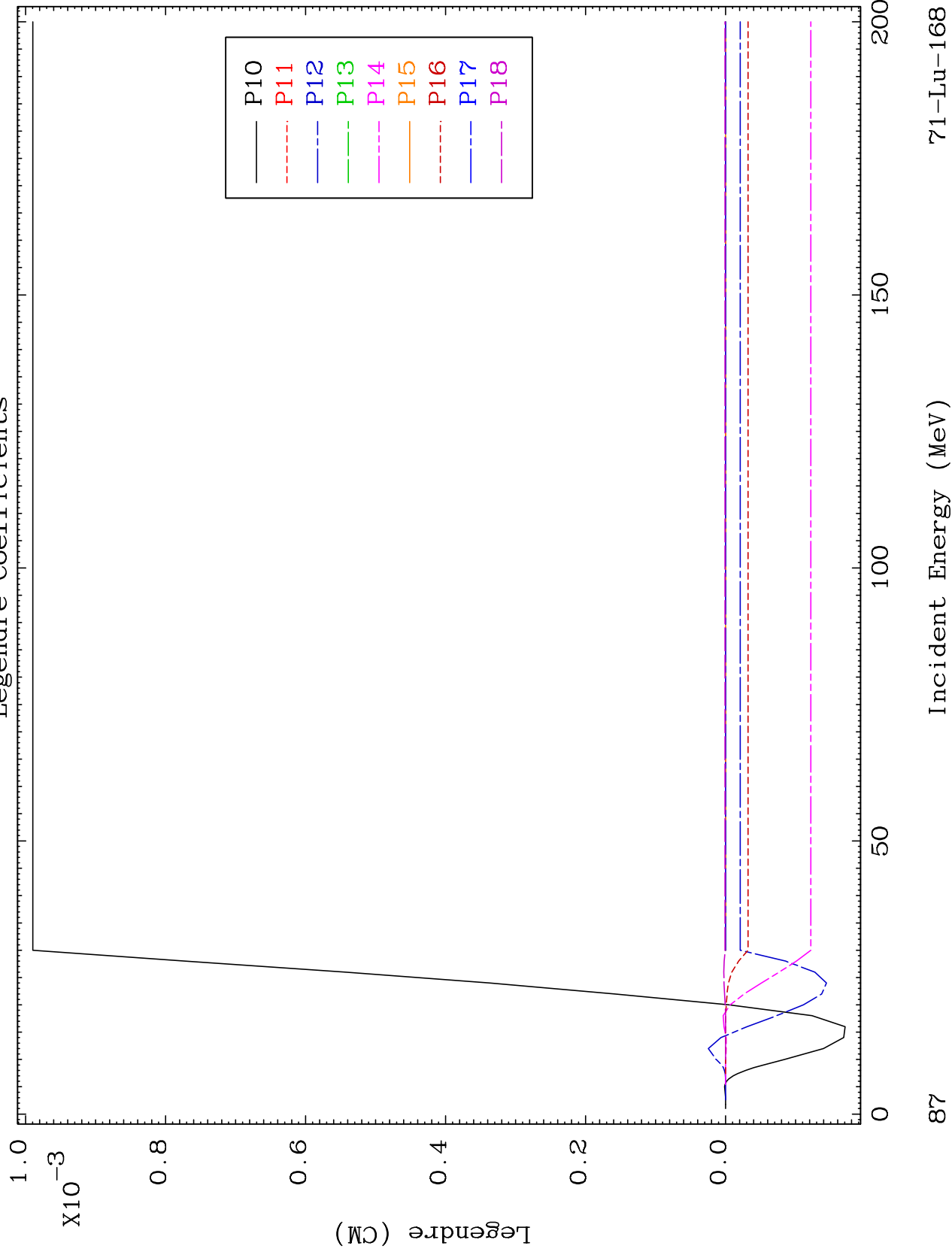
71-Lu-168



MAT 7104

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

71-Lu-168

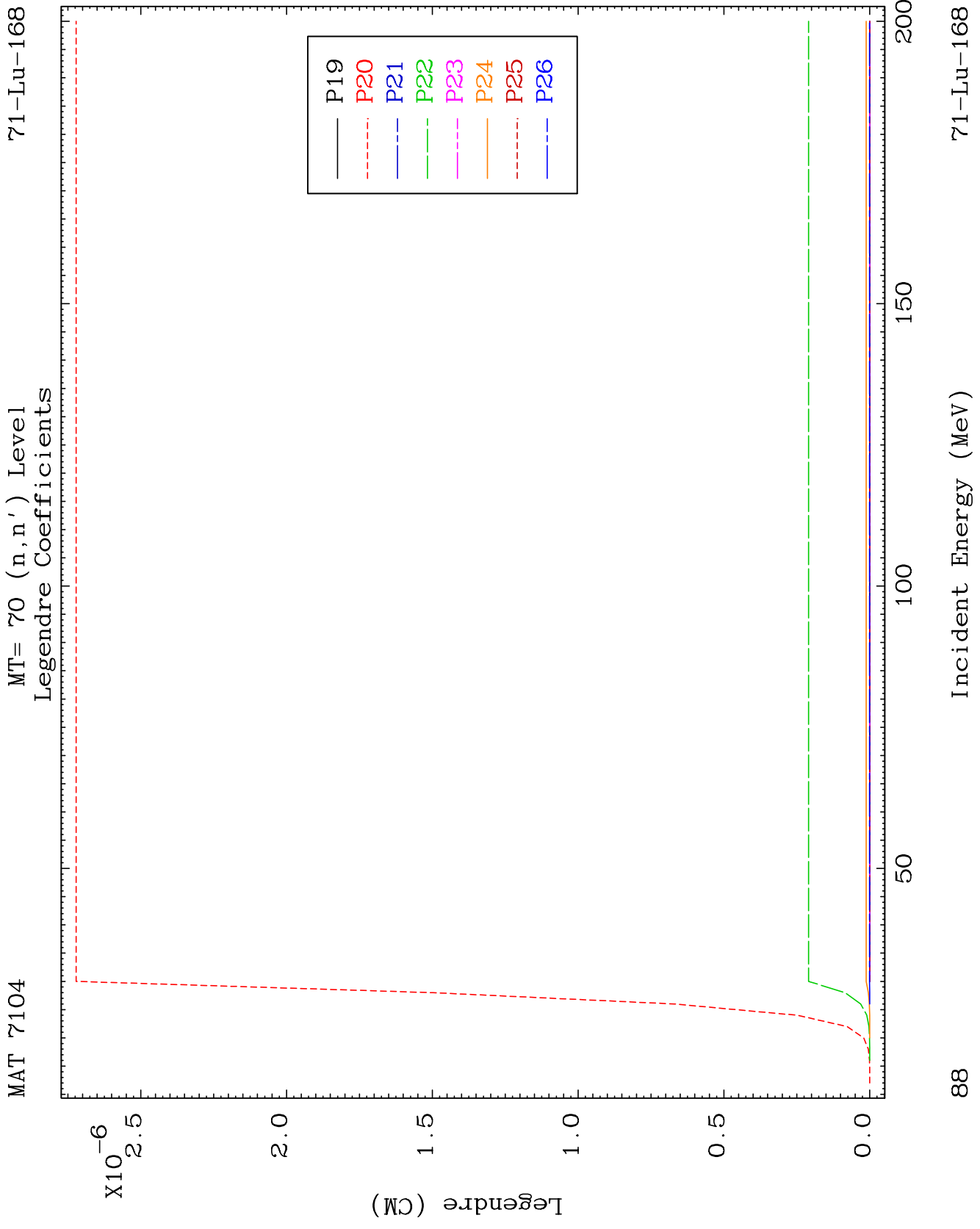


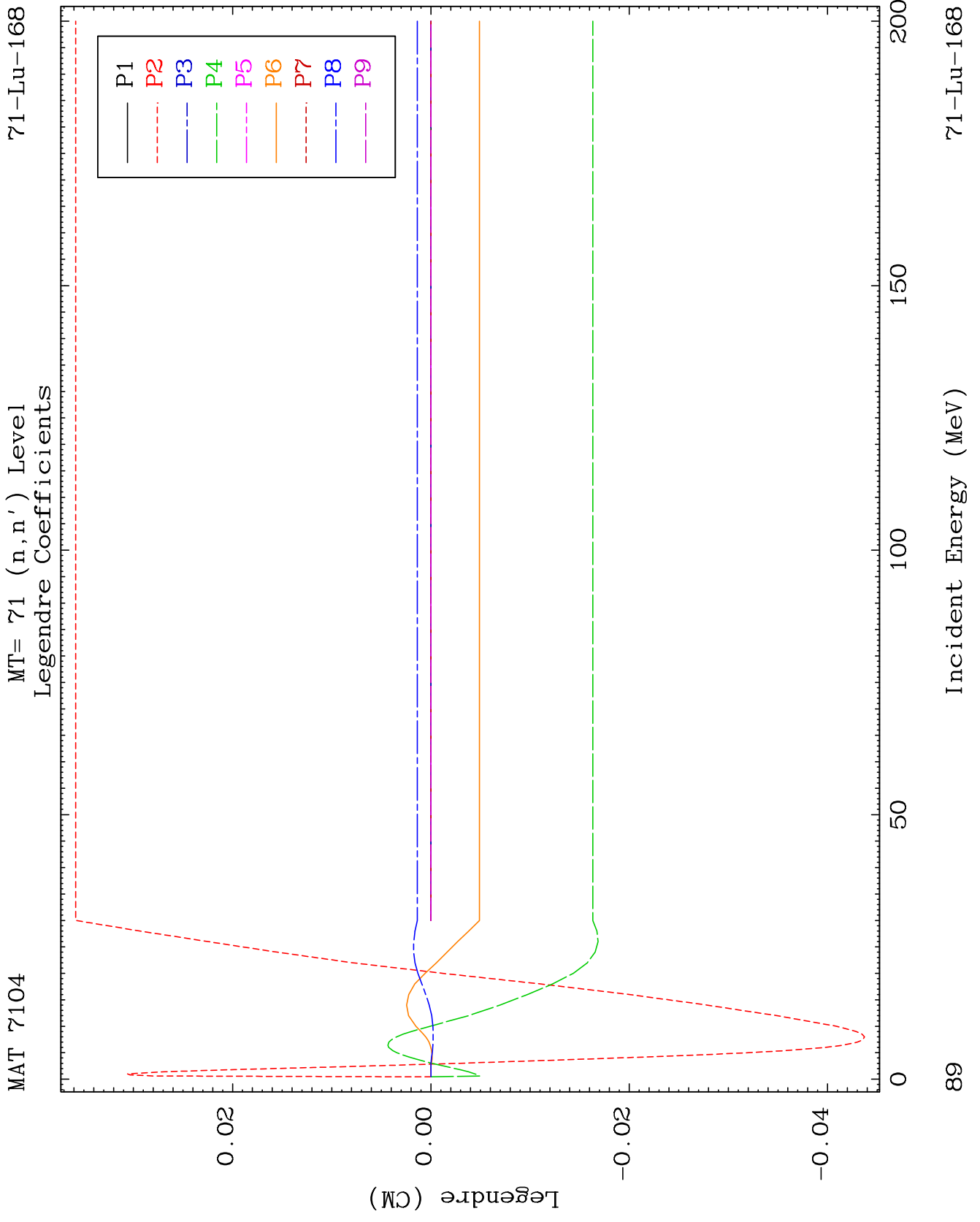
71-Lu-168

Incident Energy (MeV)

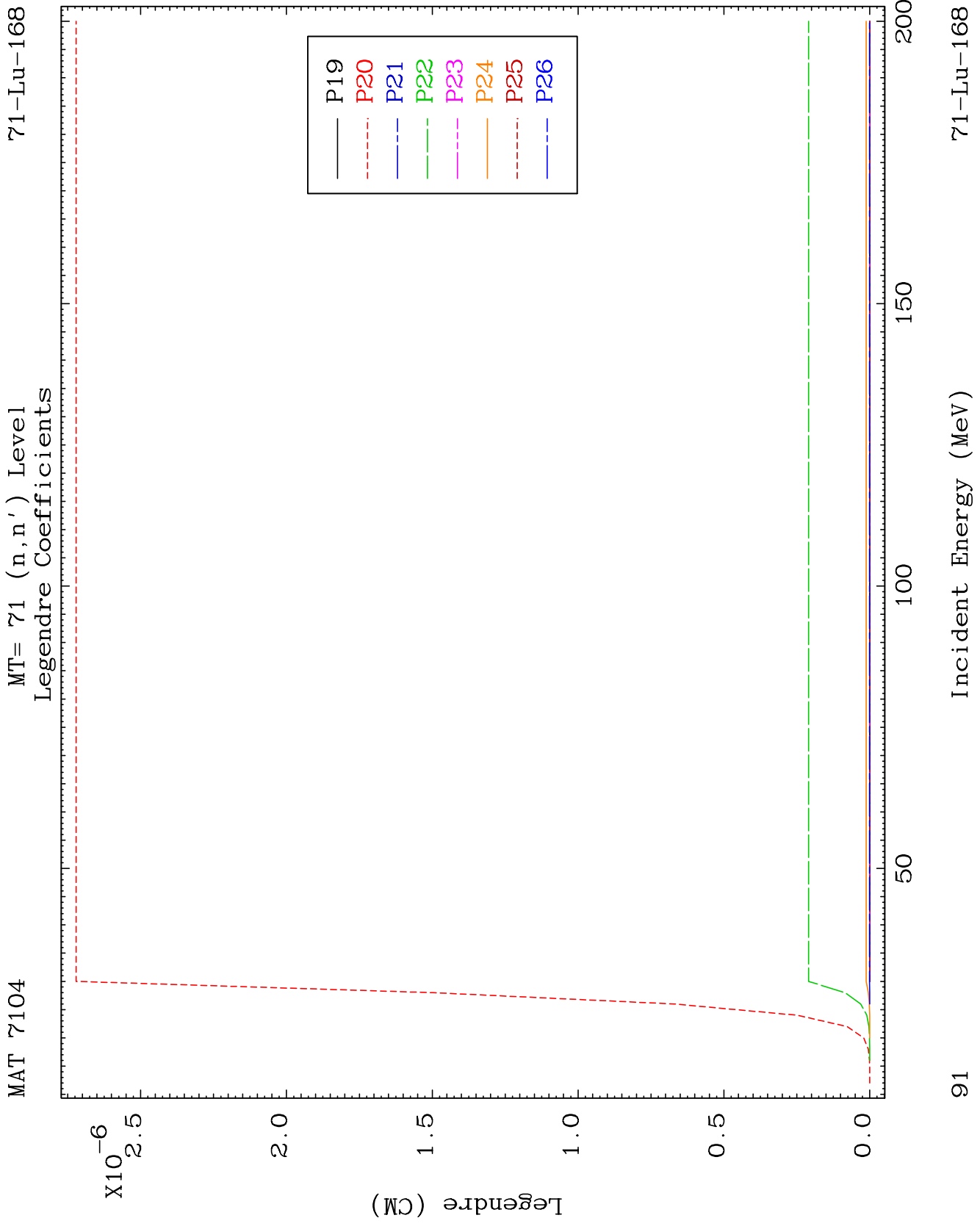
87







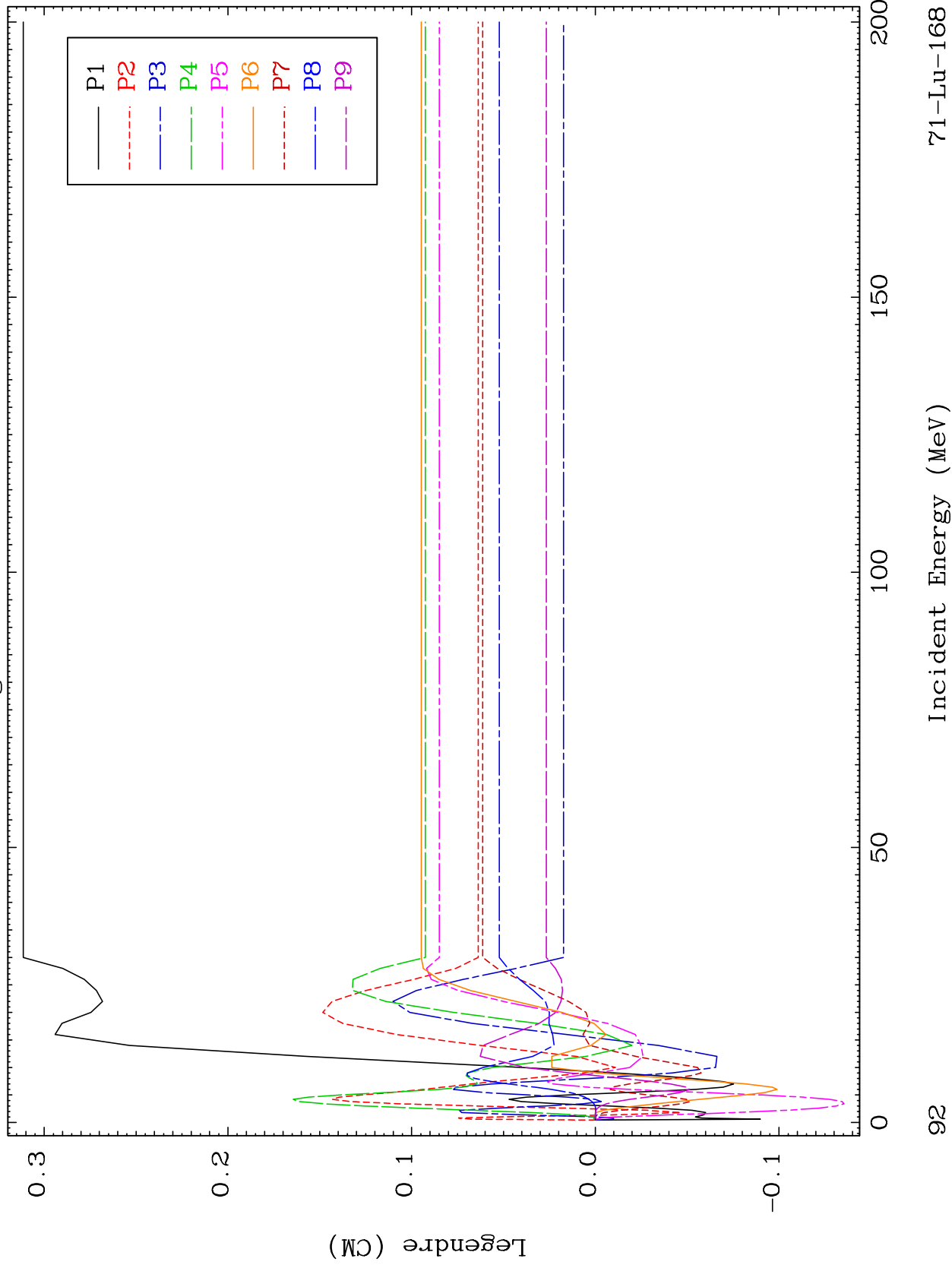




MAT 7104

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

71-Lu-168



71-Lu-168

Incident Energy (MeV)

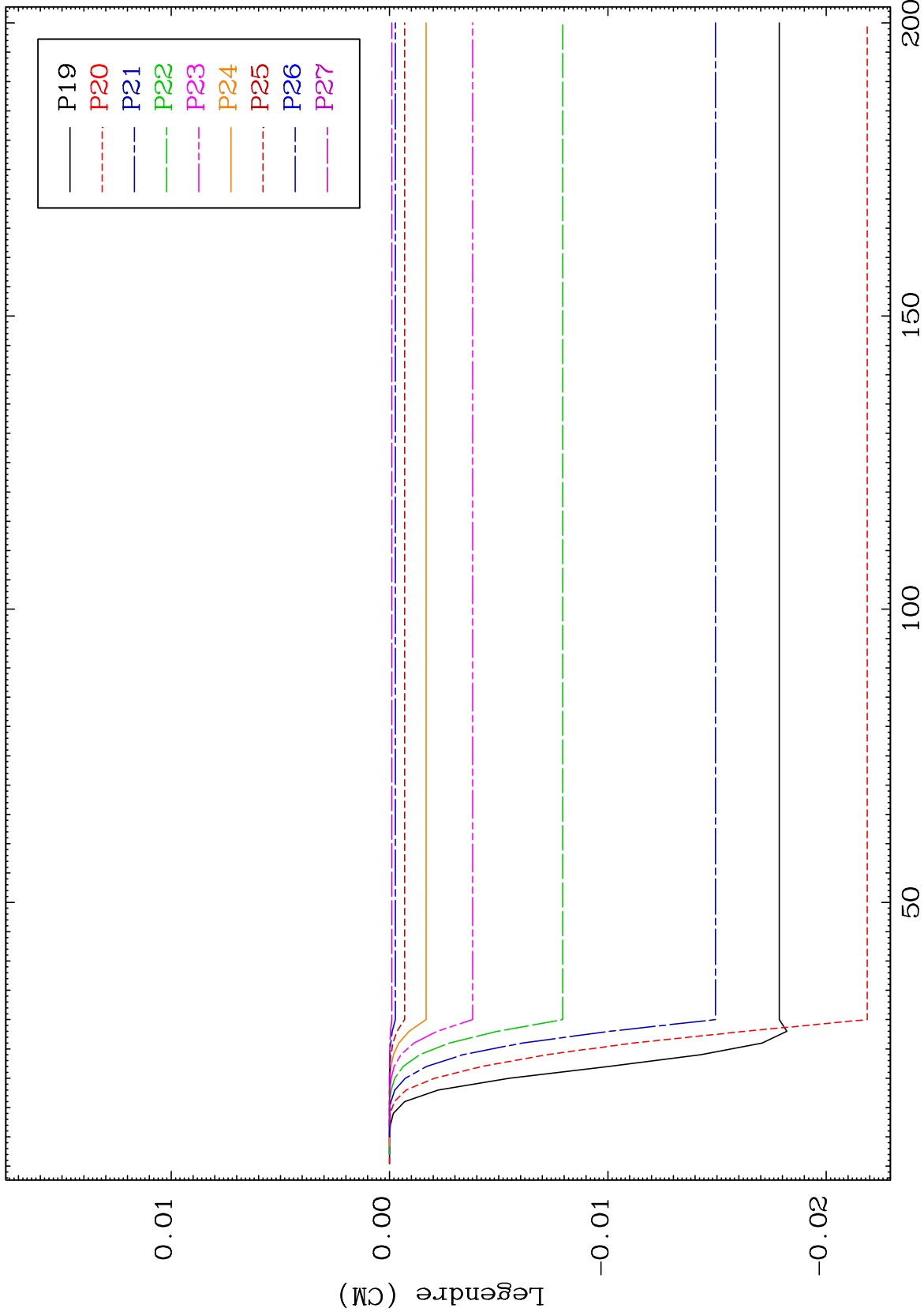
92



MAT 7104

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

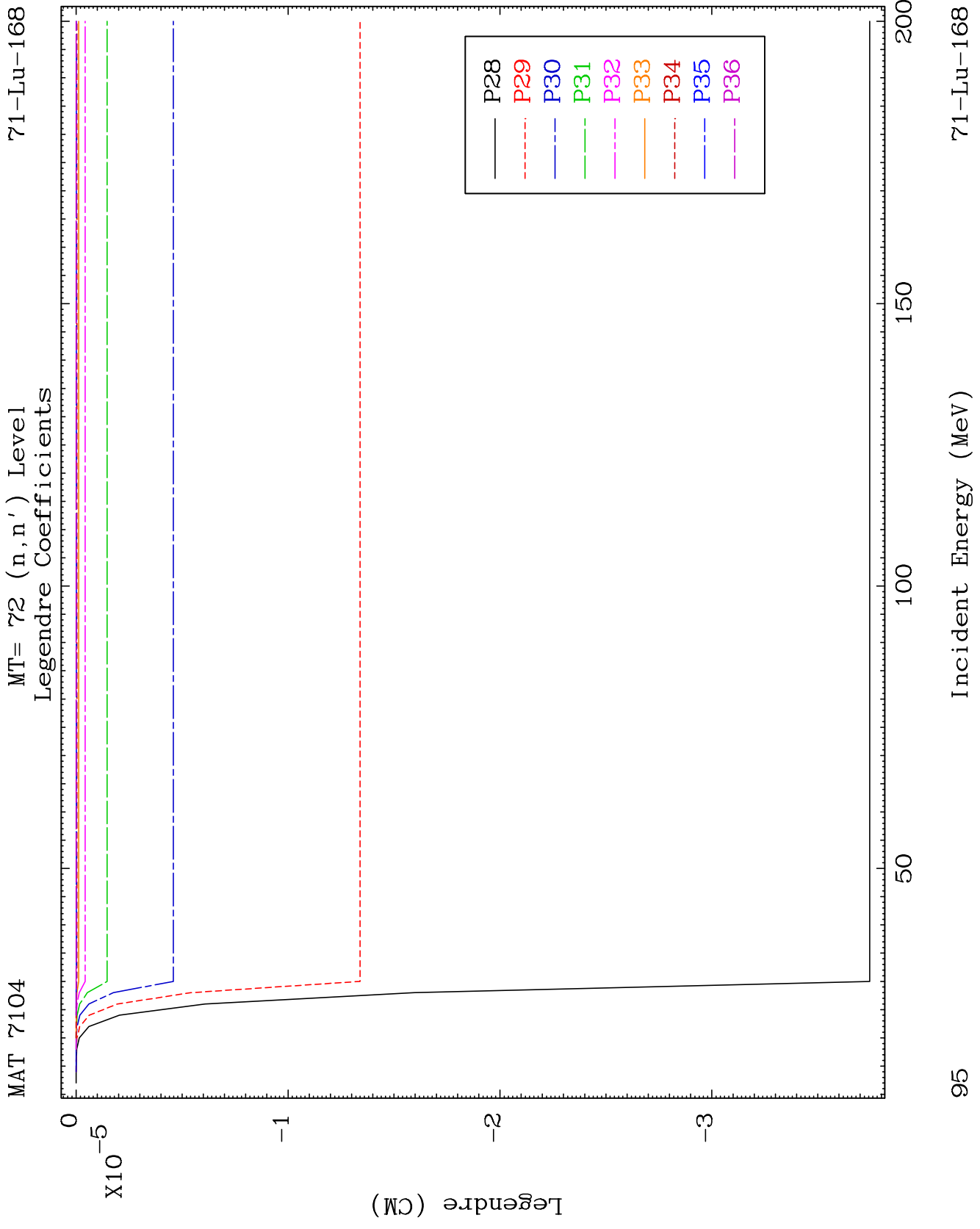
71-Lu-168



94

Incident Energy (MeV)

71-Lu-168



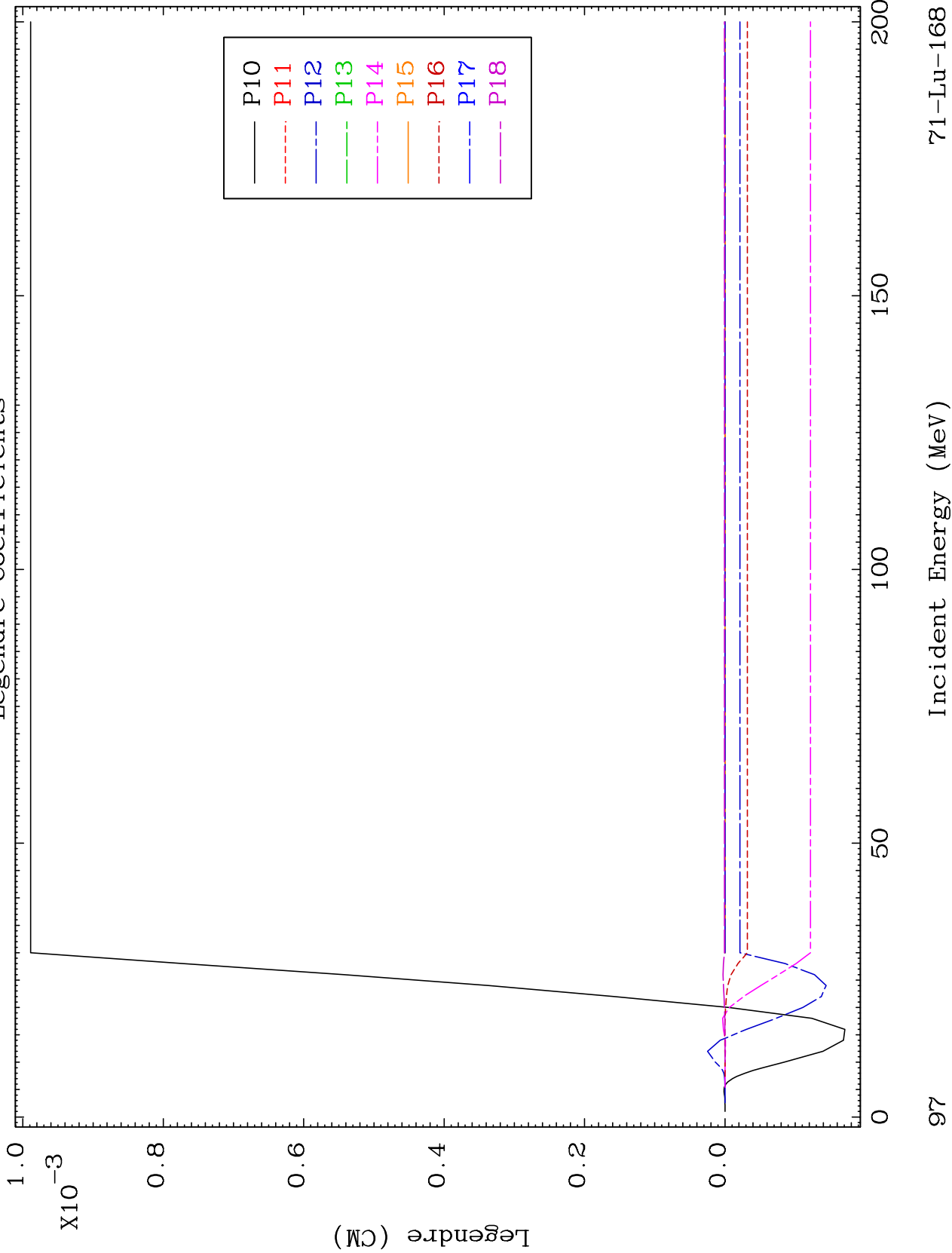


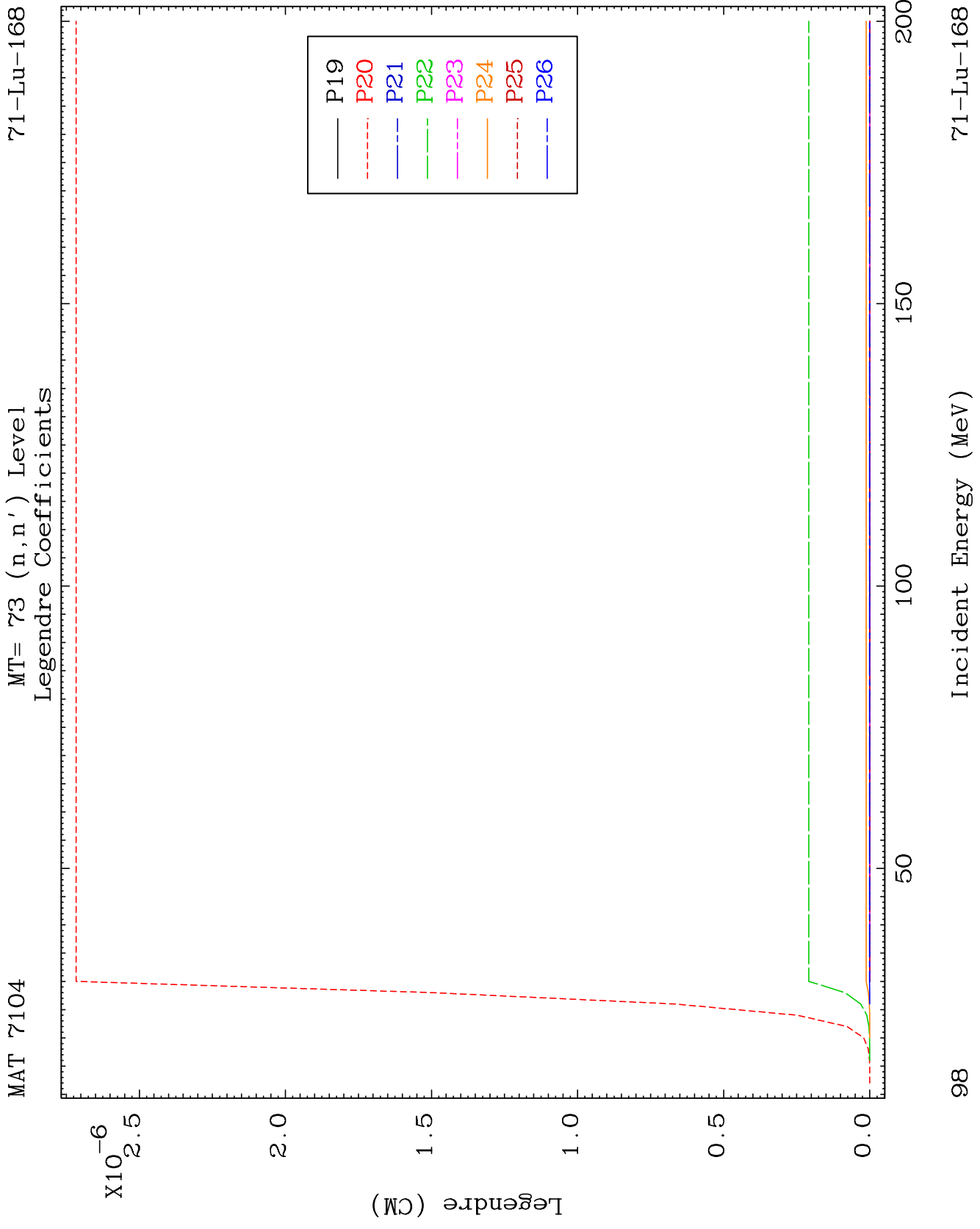


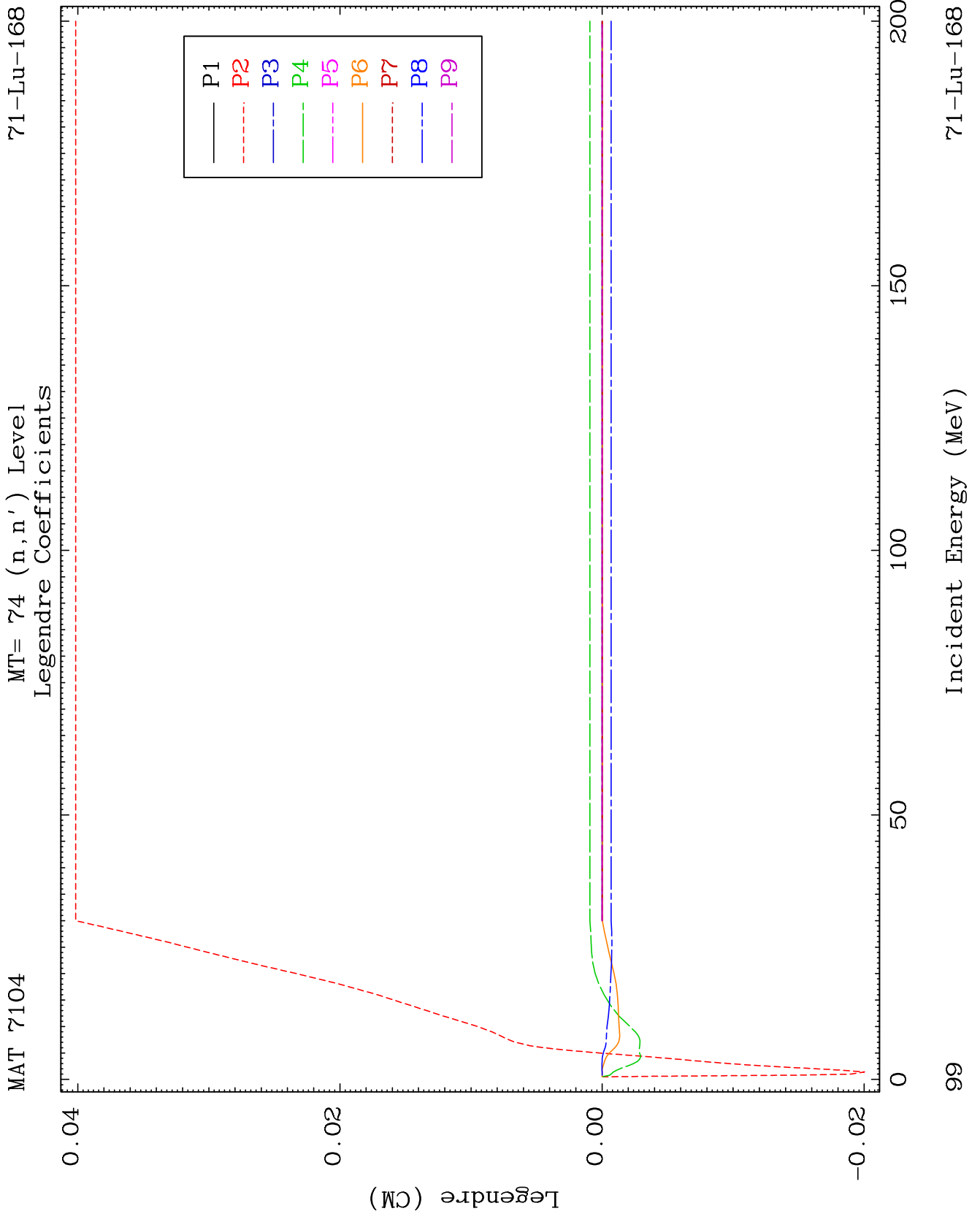
MAT 7104

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

71-Lu-168



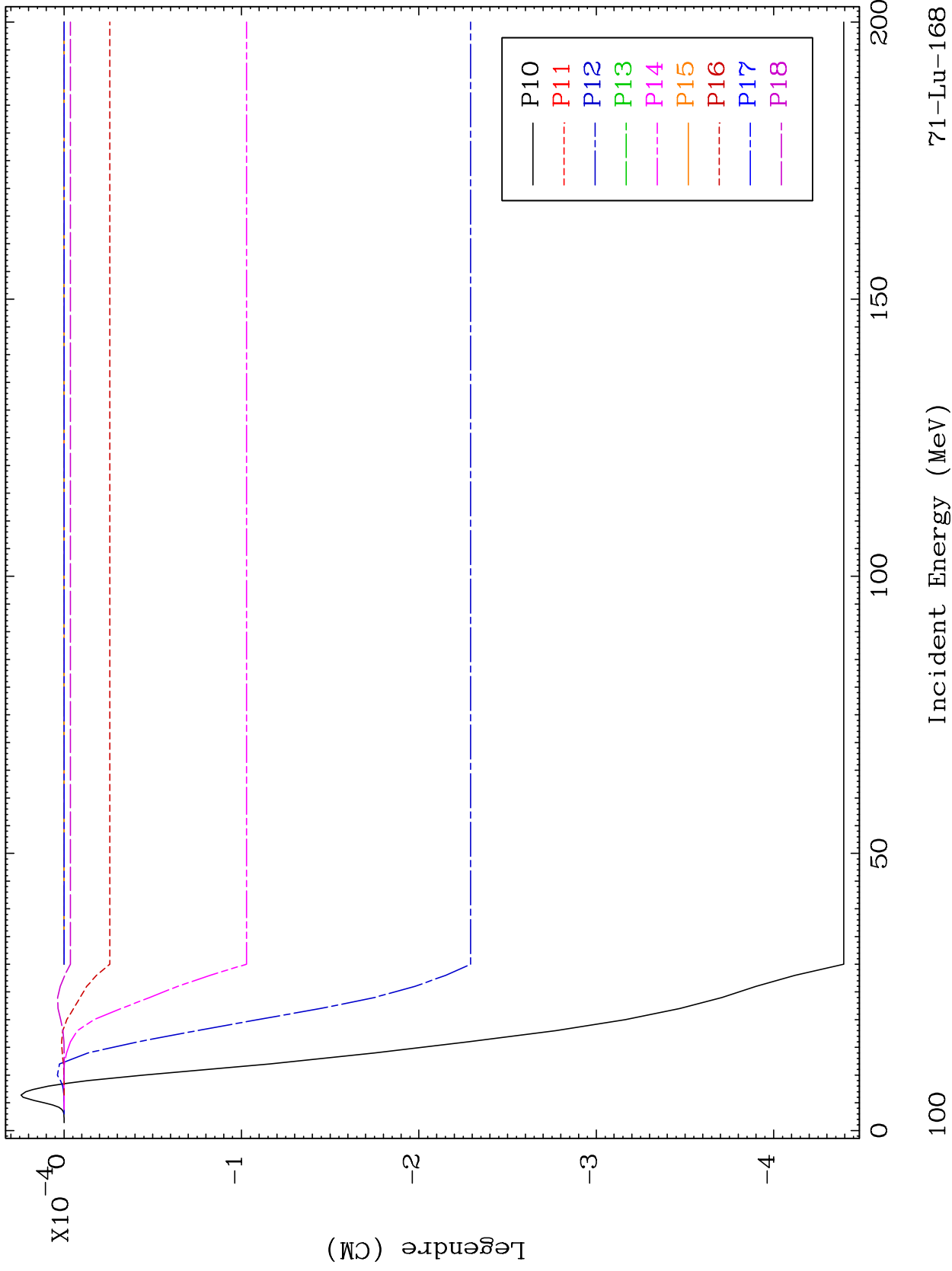




MAT 7104

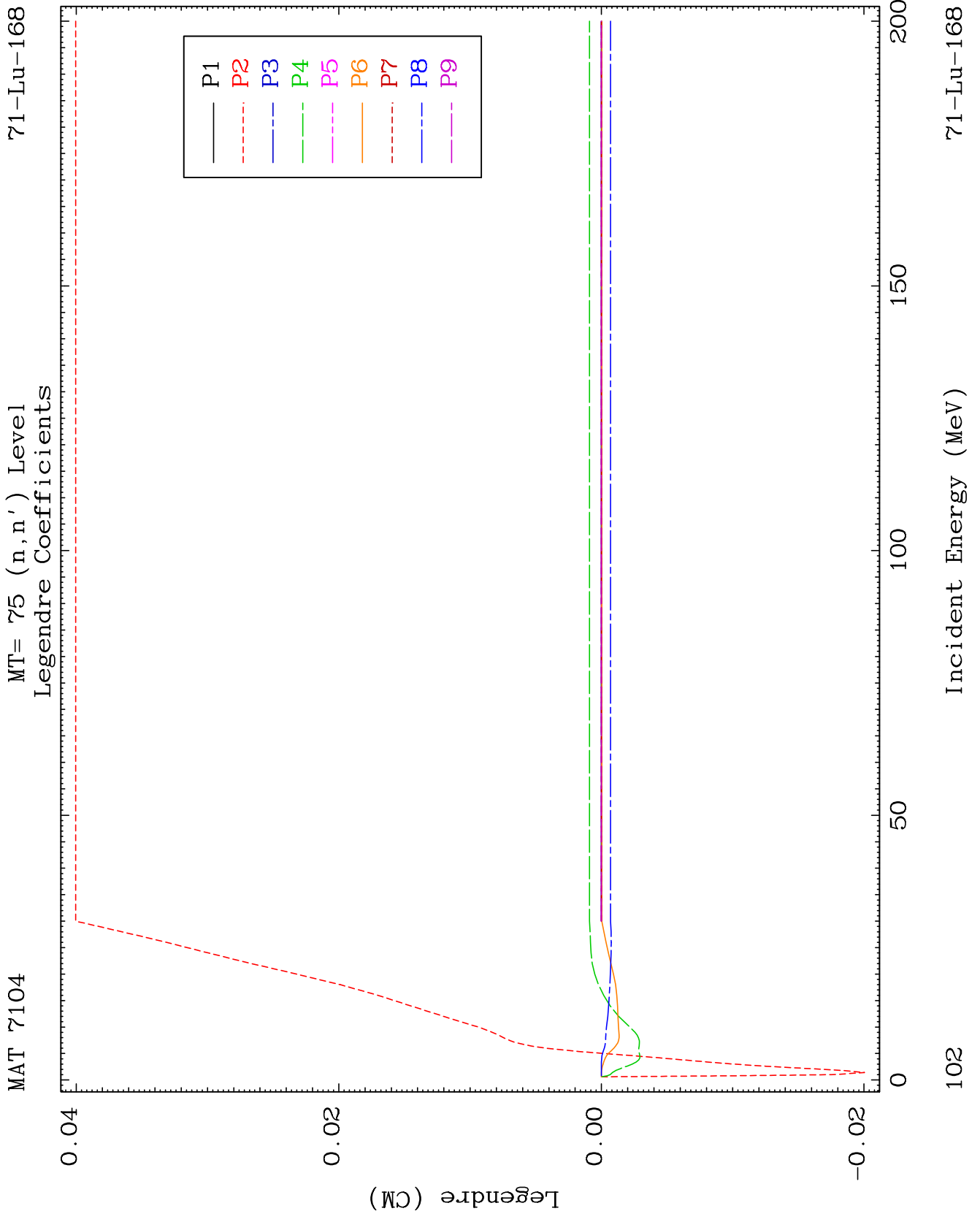
MT= 74 (n,n') Level  
Legendre Coefficients

71-Lu-168



71-Lu-168

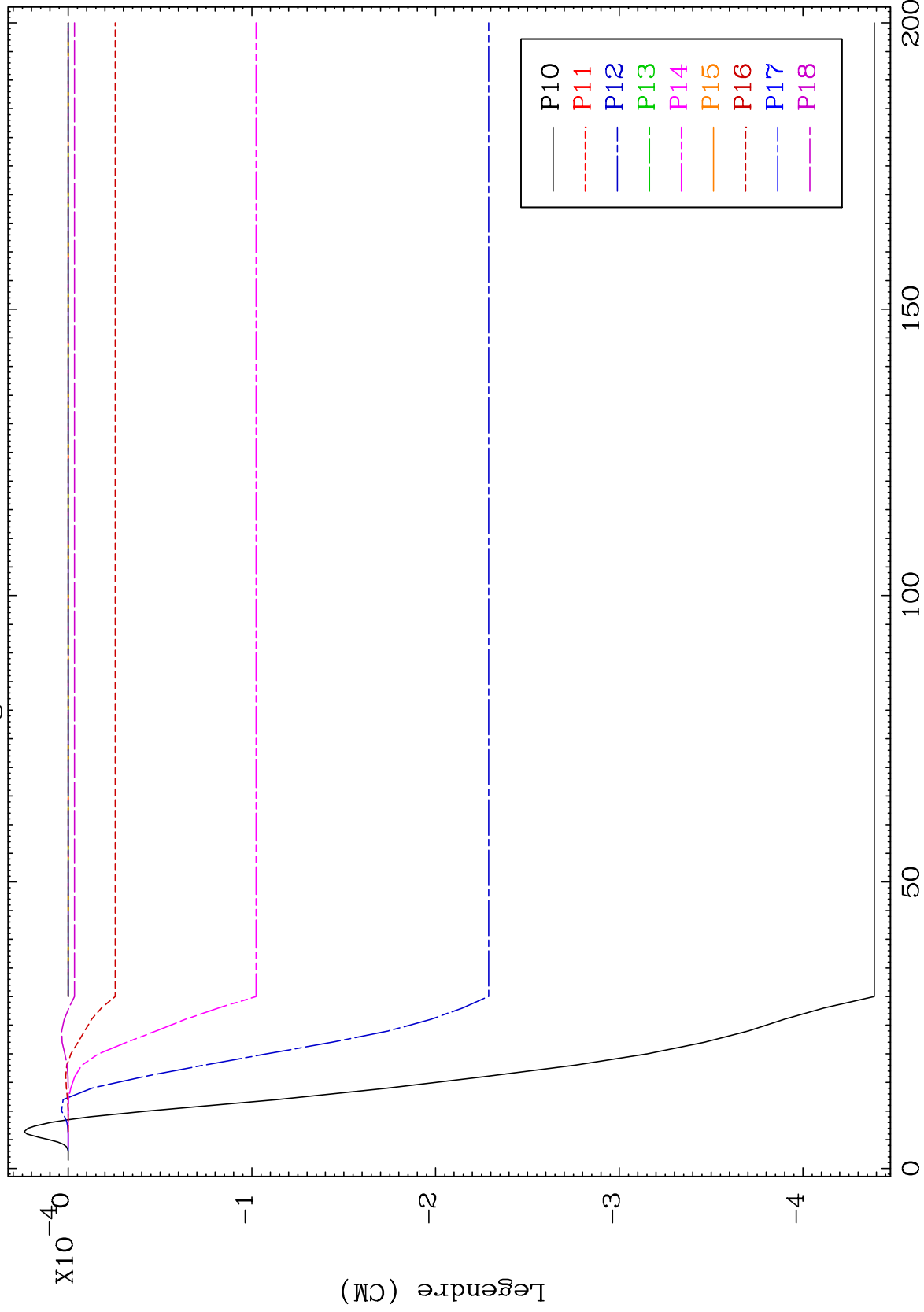




MAT 7104

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

71-Lu-168

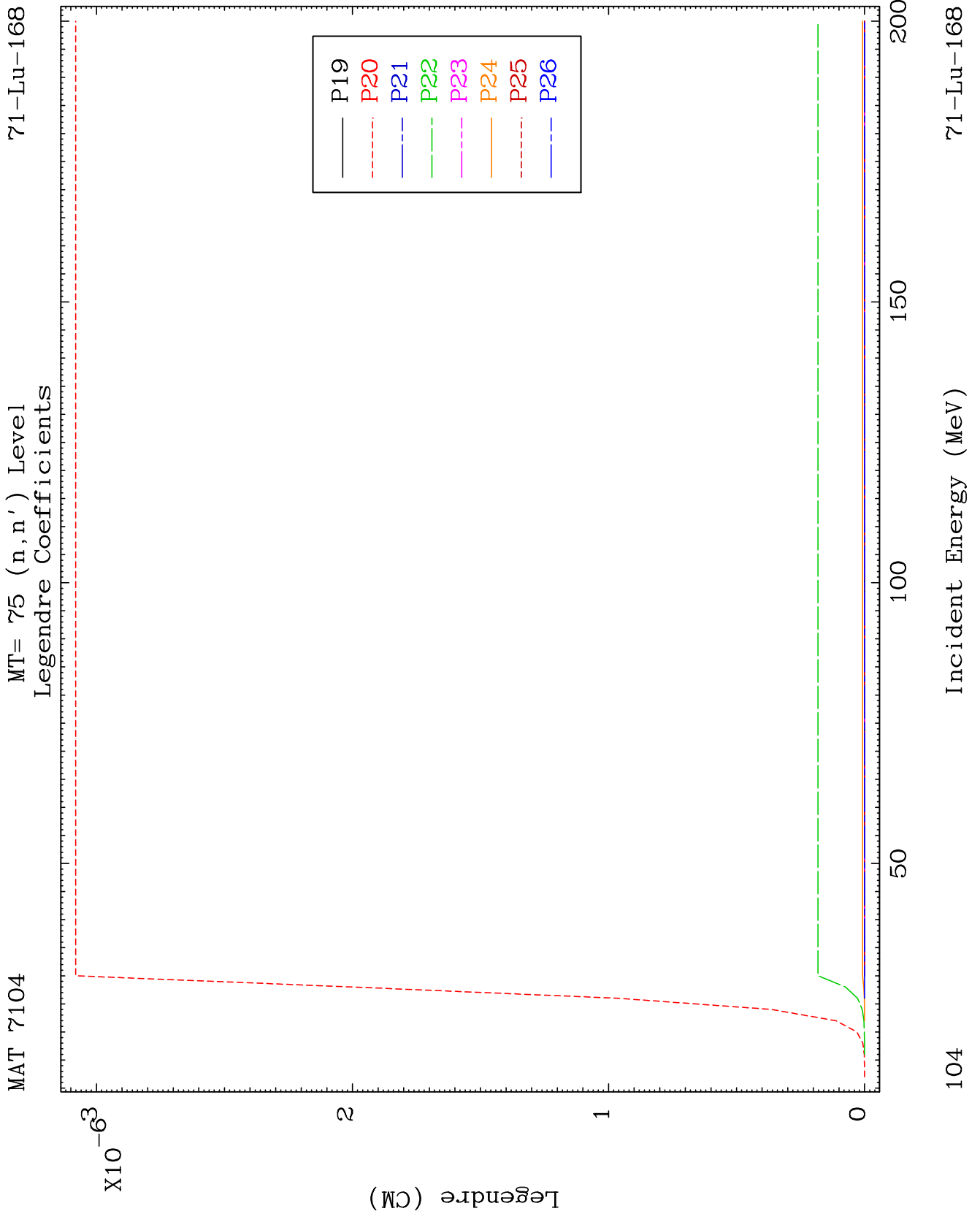


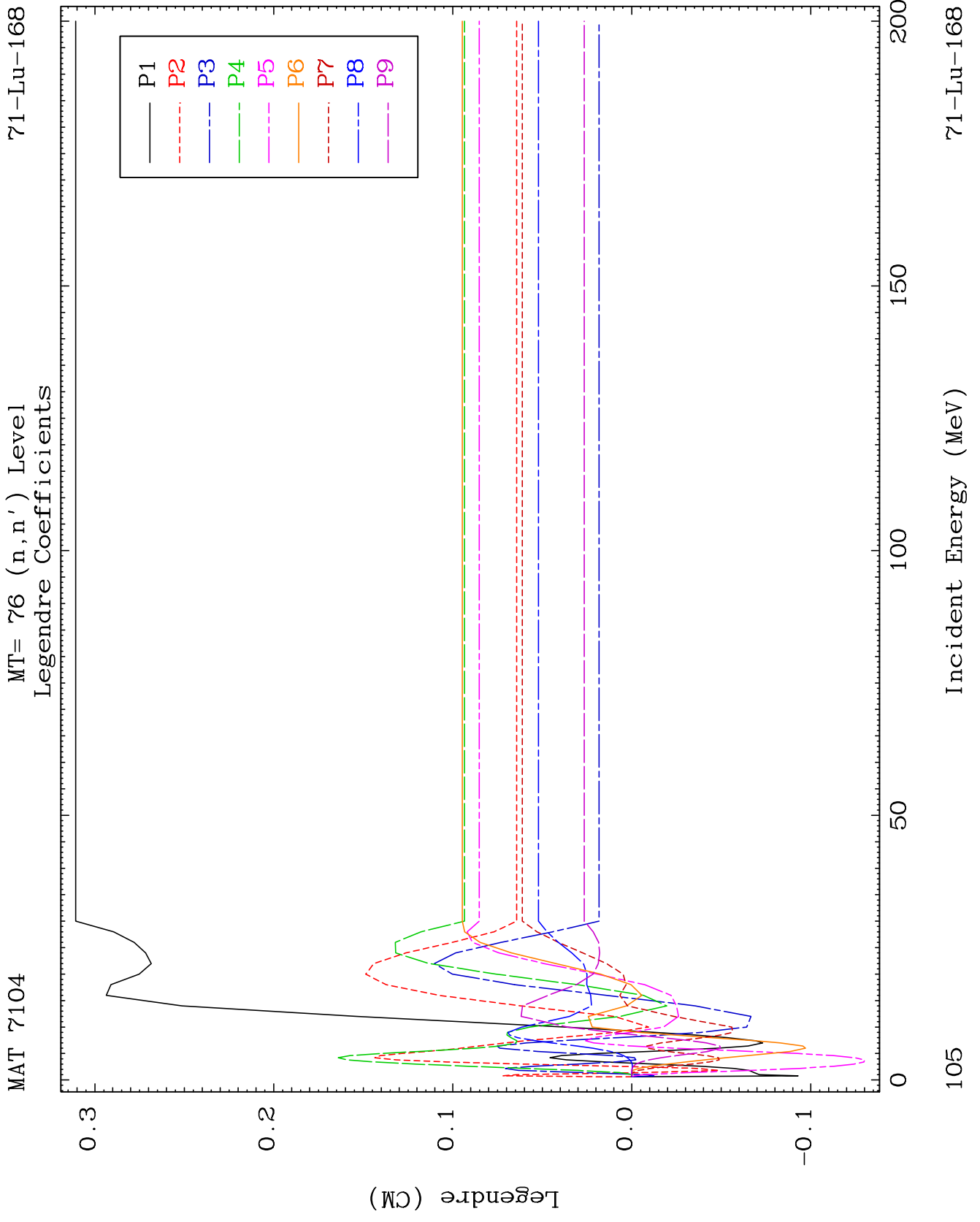
103

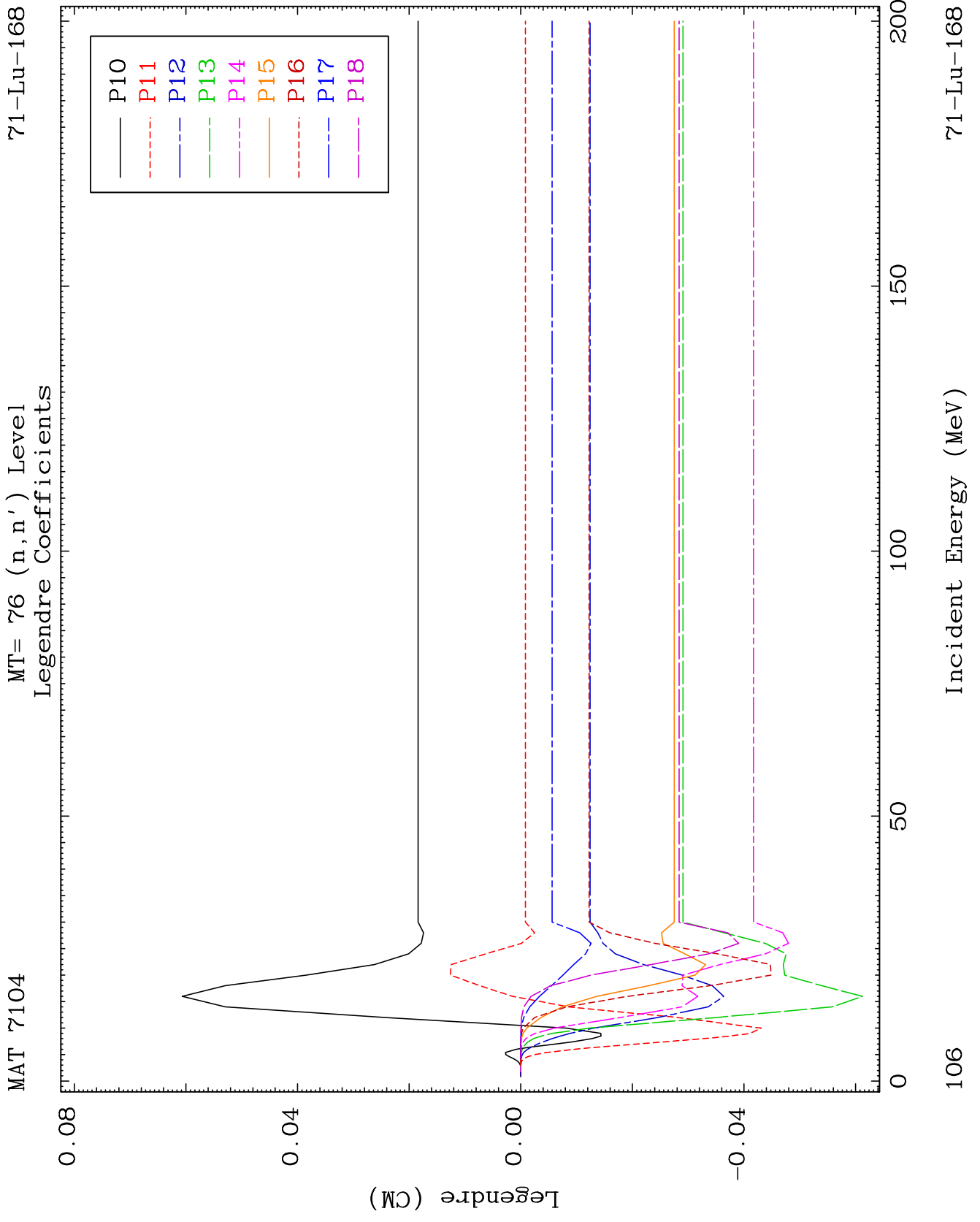
Incident Energy (MeV)

71-Lu-168





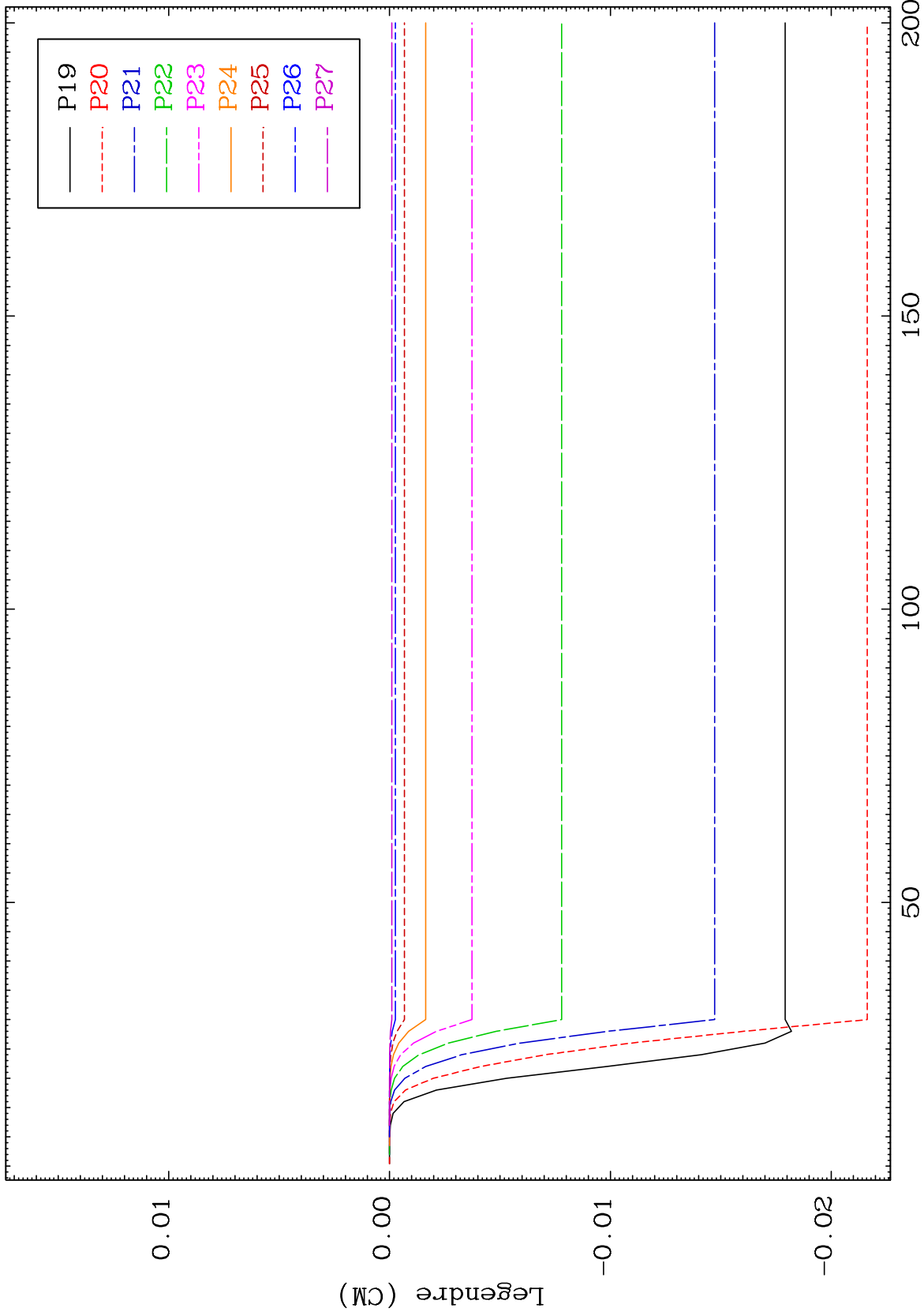




MAT 7104

MT= 76 (n,n') Level  
Legendre Coefficients

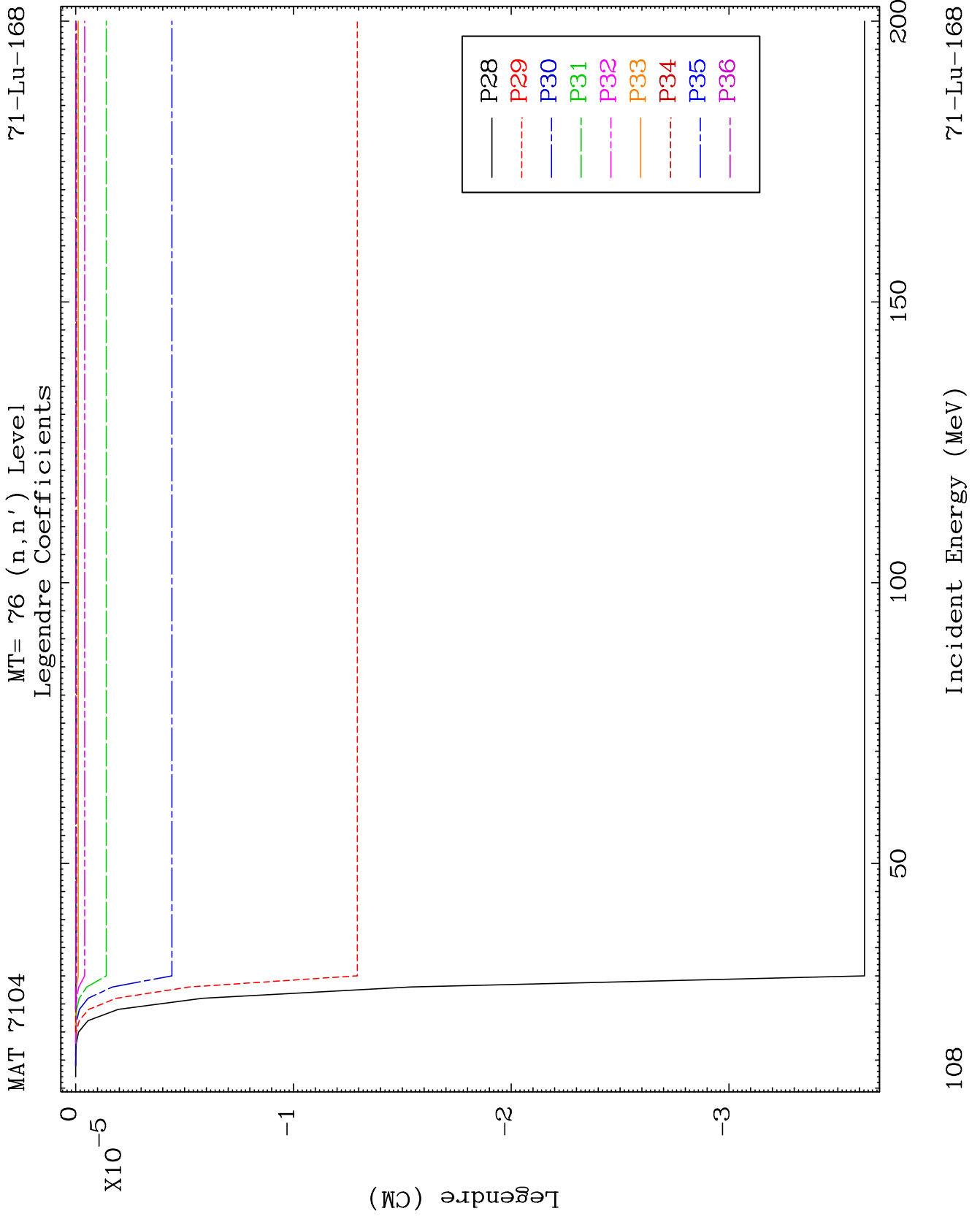
71-Lu-168

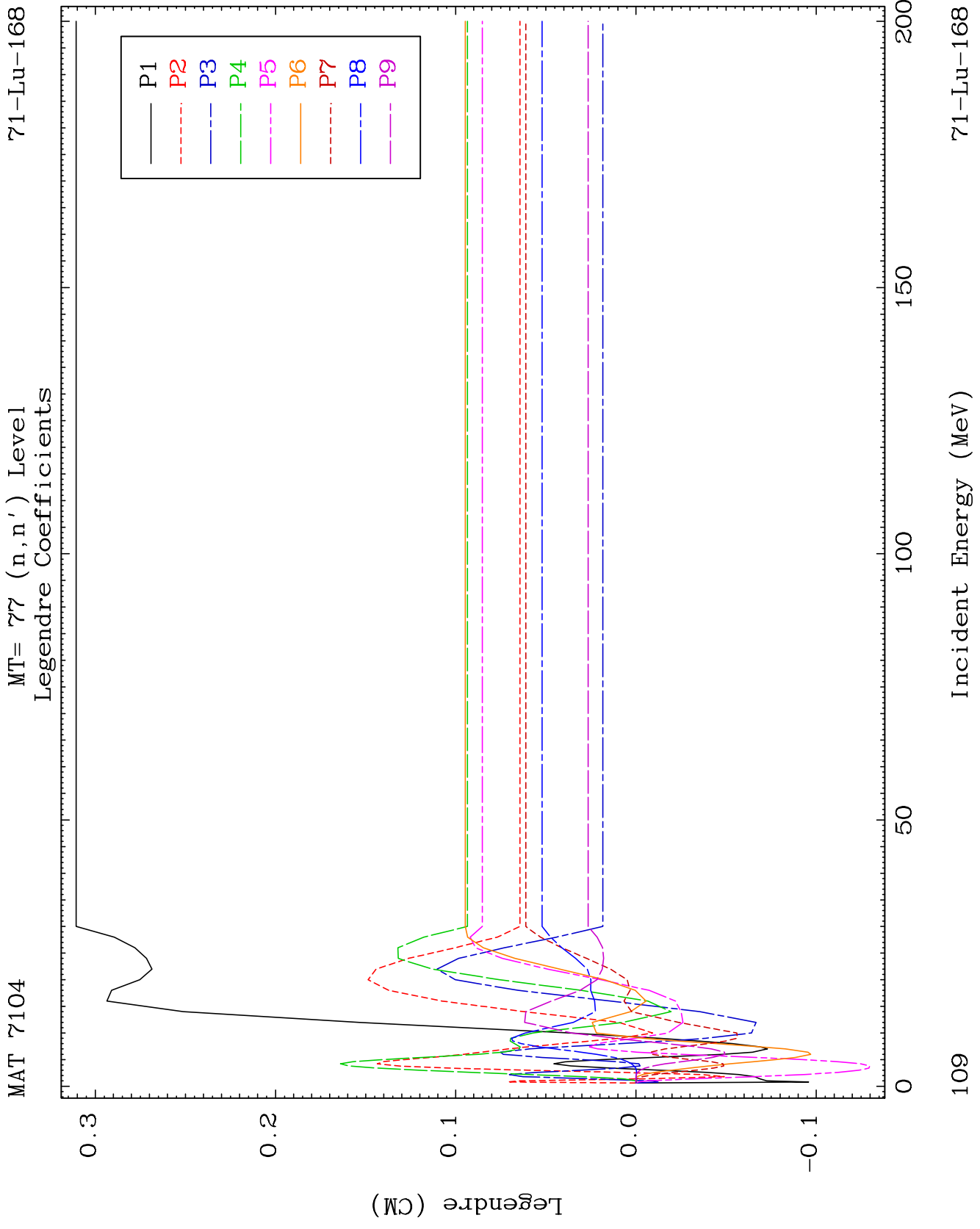


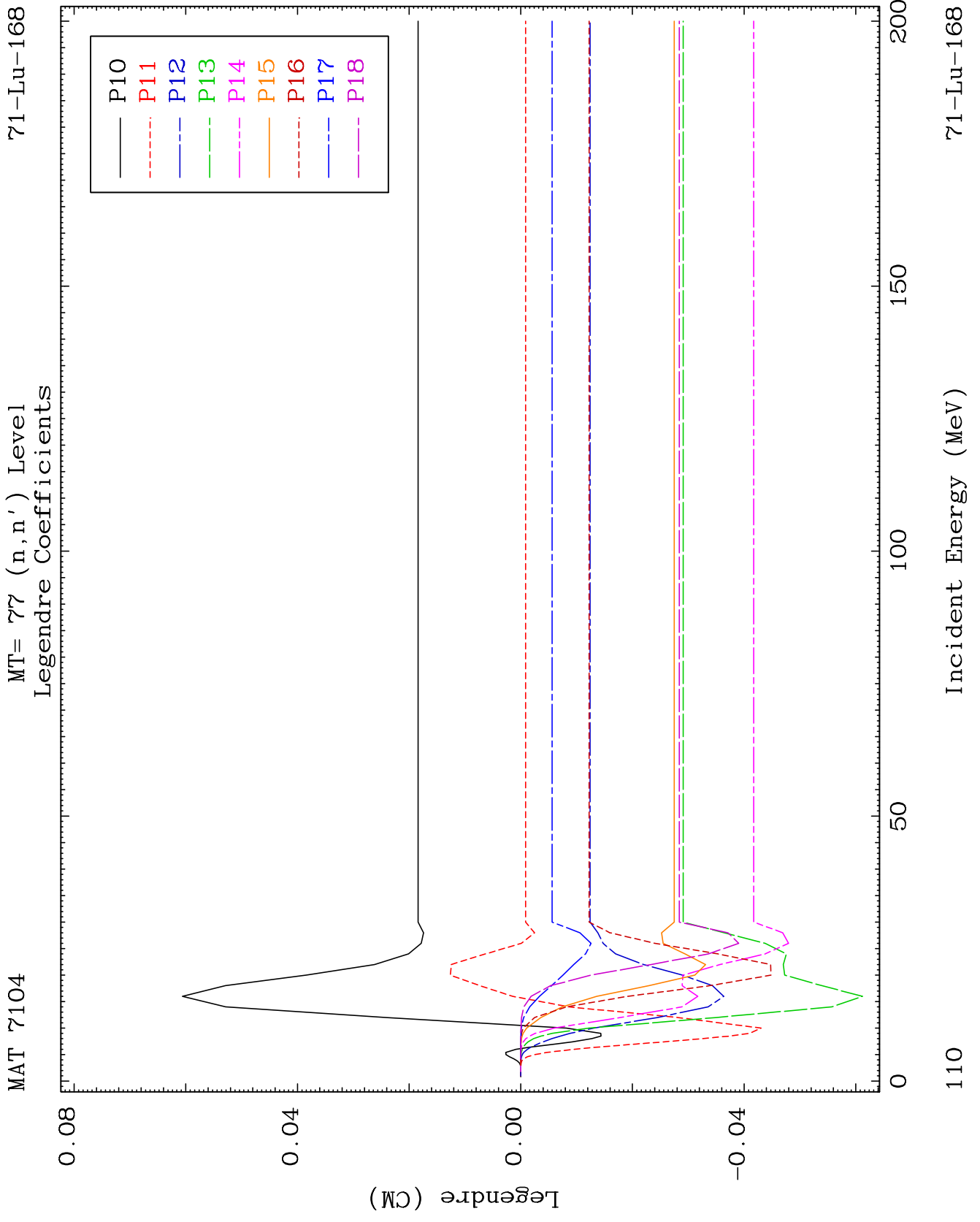
107

Incident Energy (MeV)

71-Lu-168



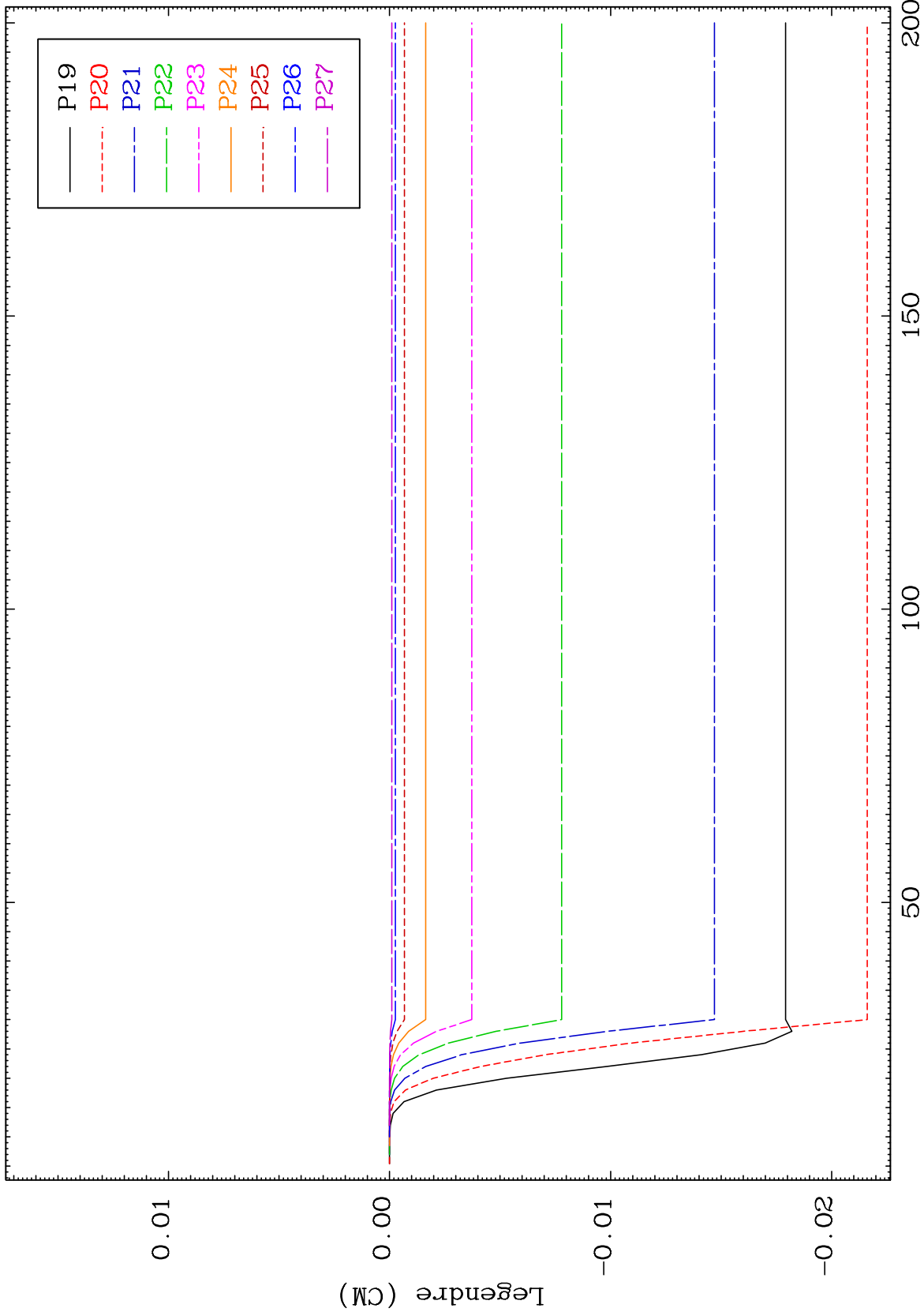




MAT 7104

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

71-Lu-168

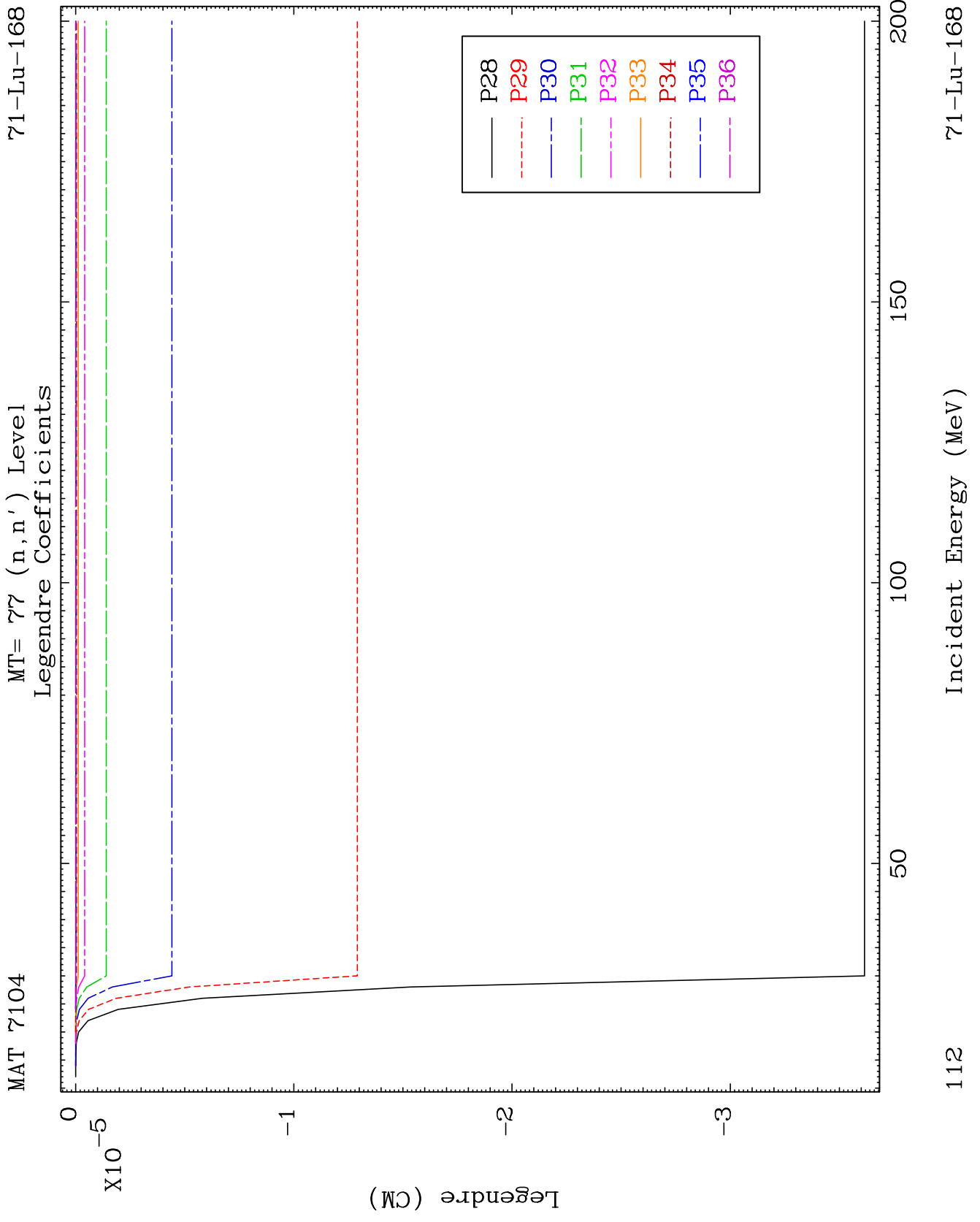


111

Incident Energy (MeV)

71-Lu-168

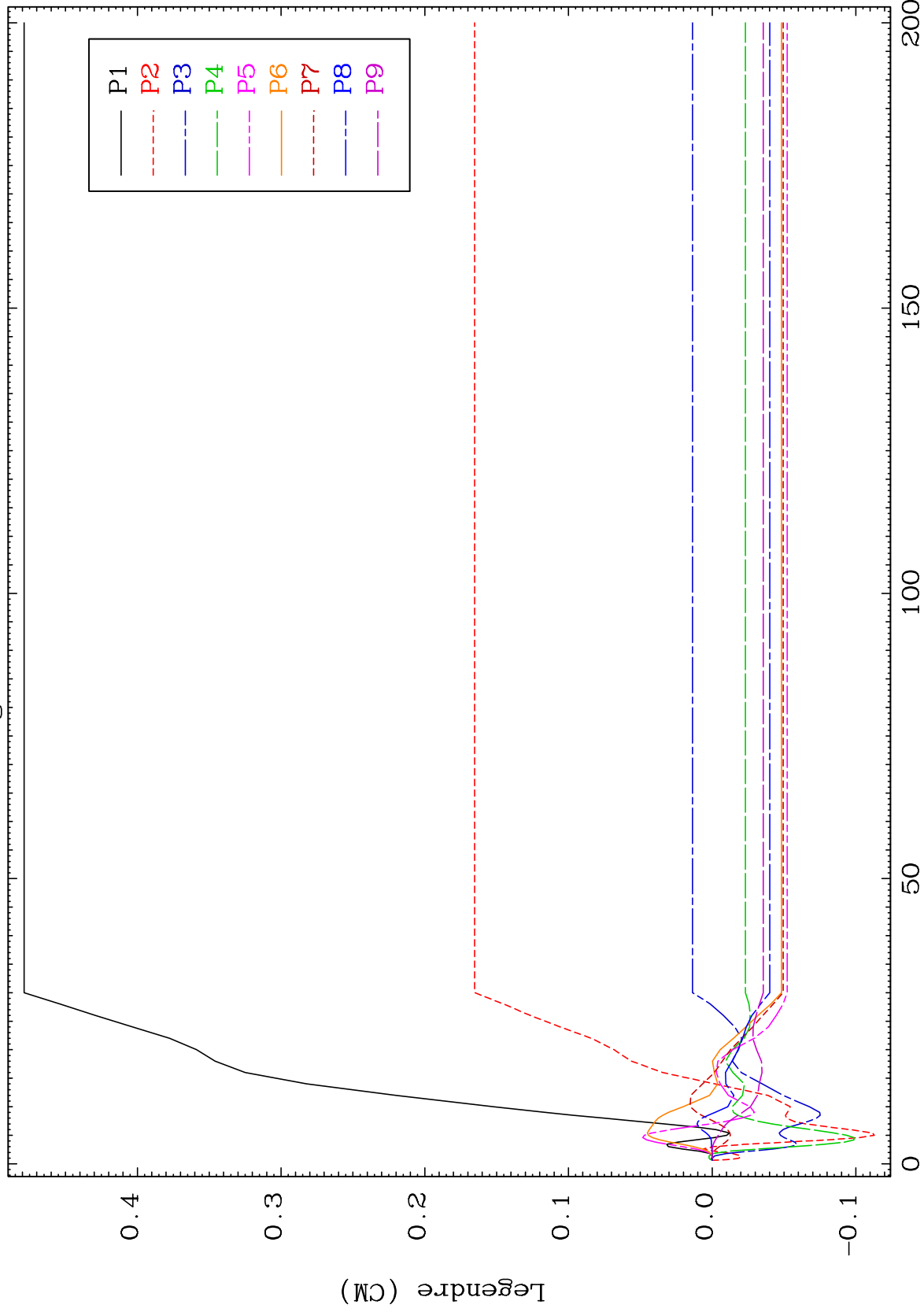




MAT 7104

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

71-Lu-168



113

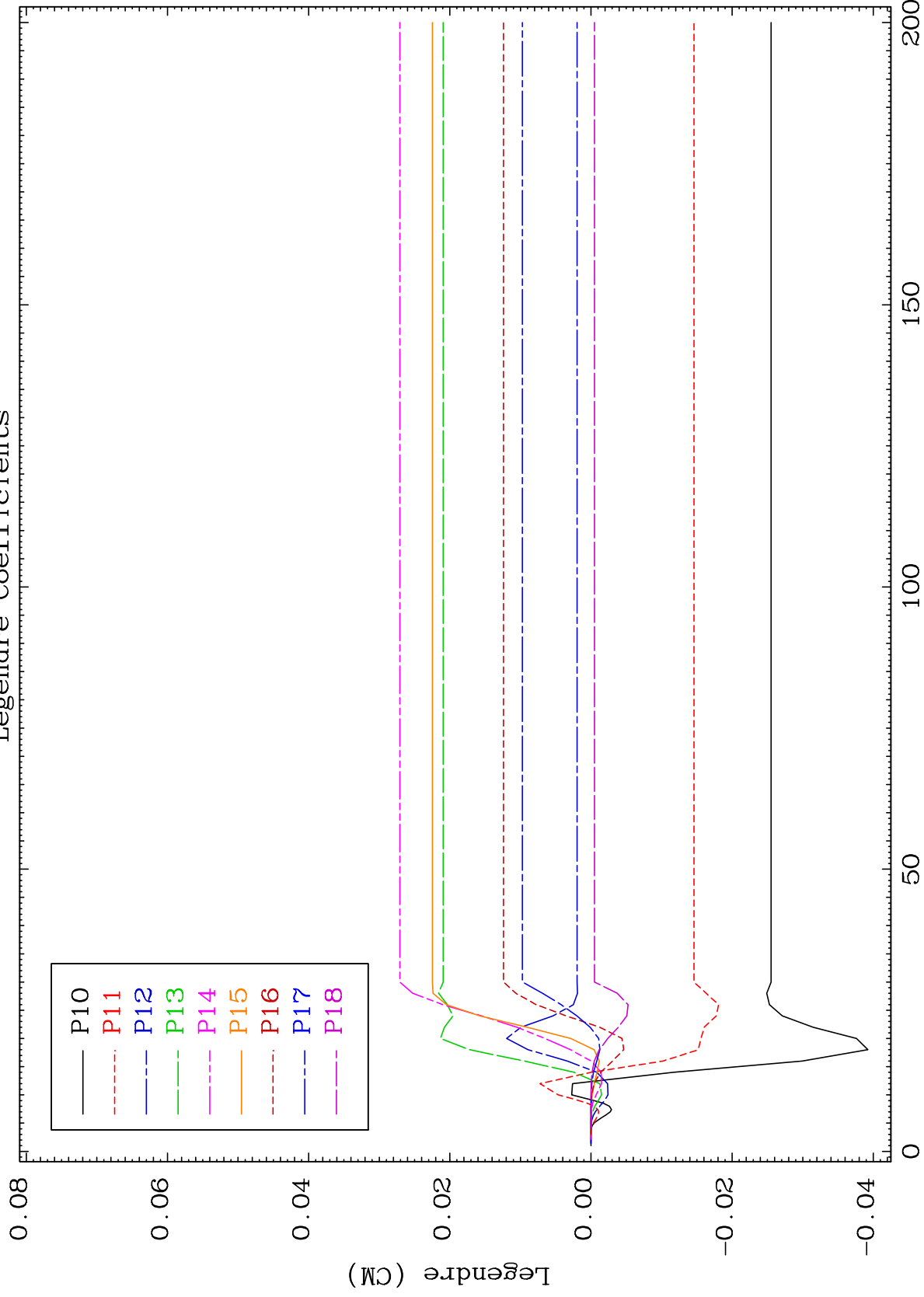
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168



114

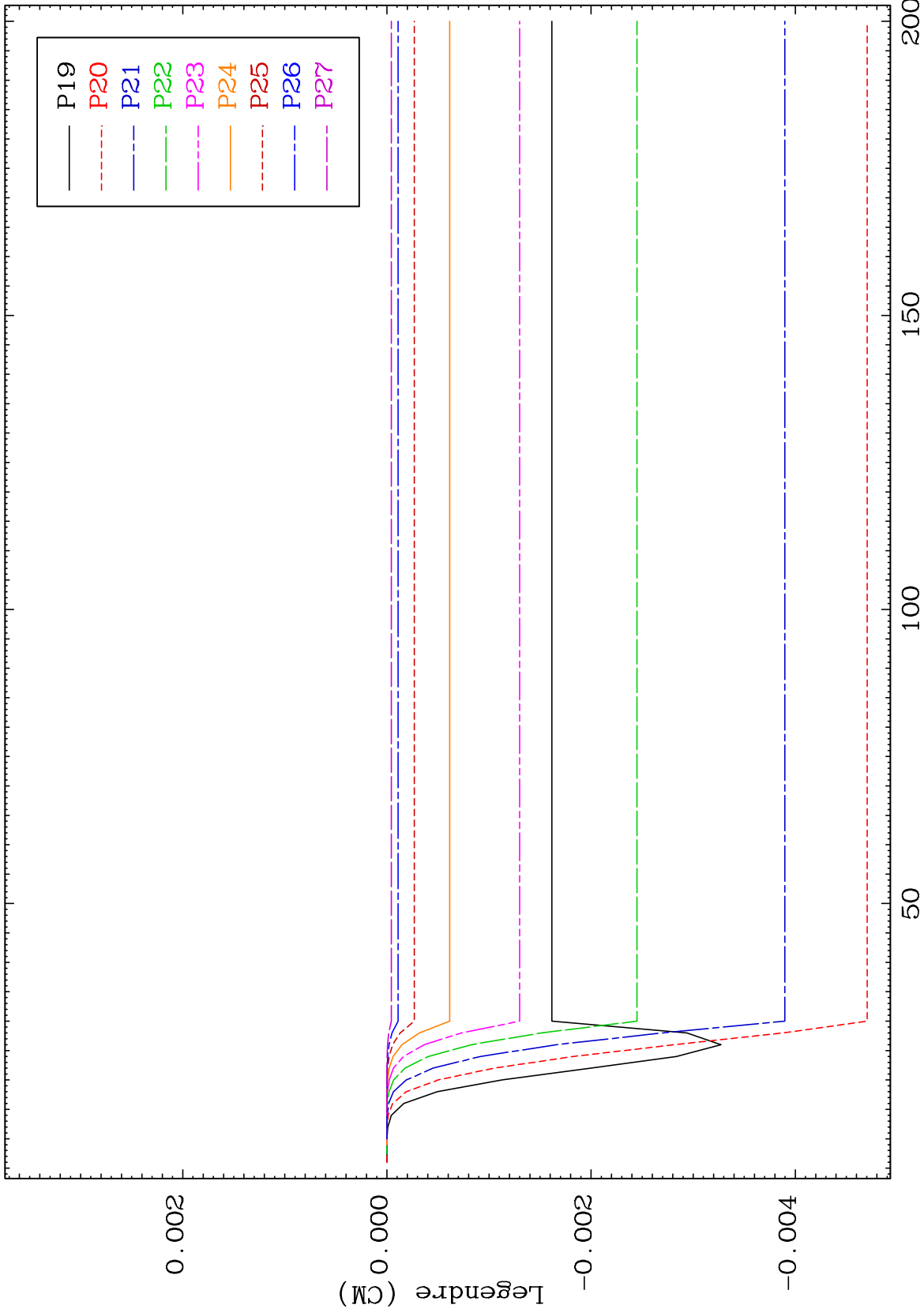
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168

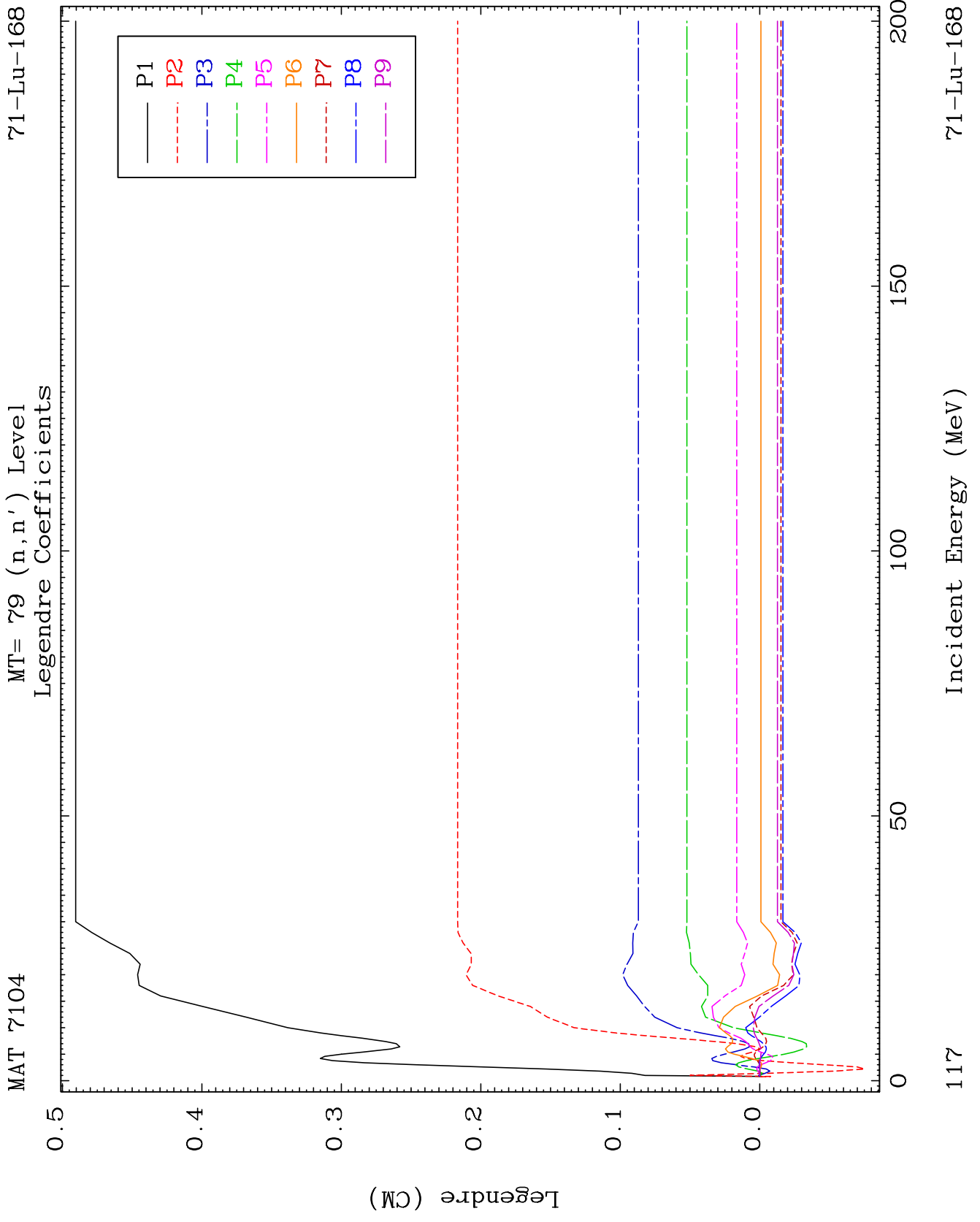


115

Incident Energy (MeV)

71-Lu-168

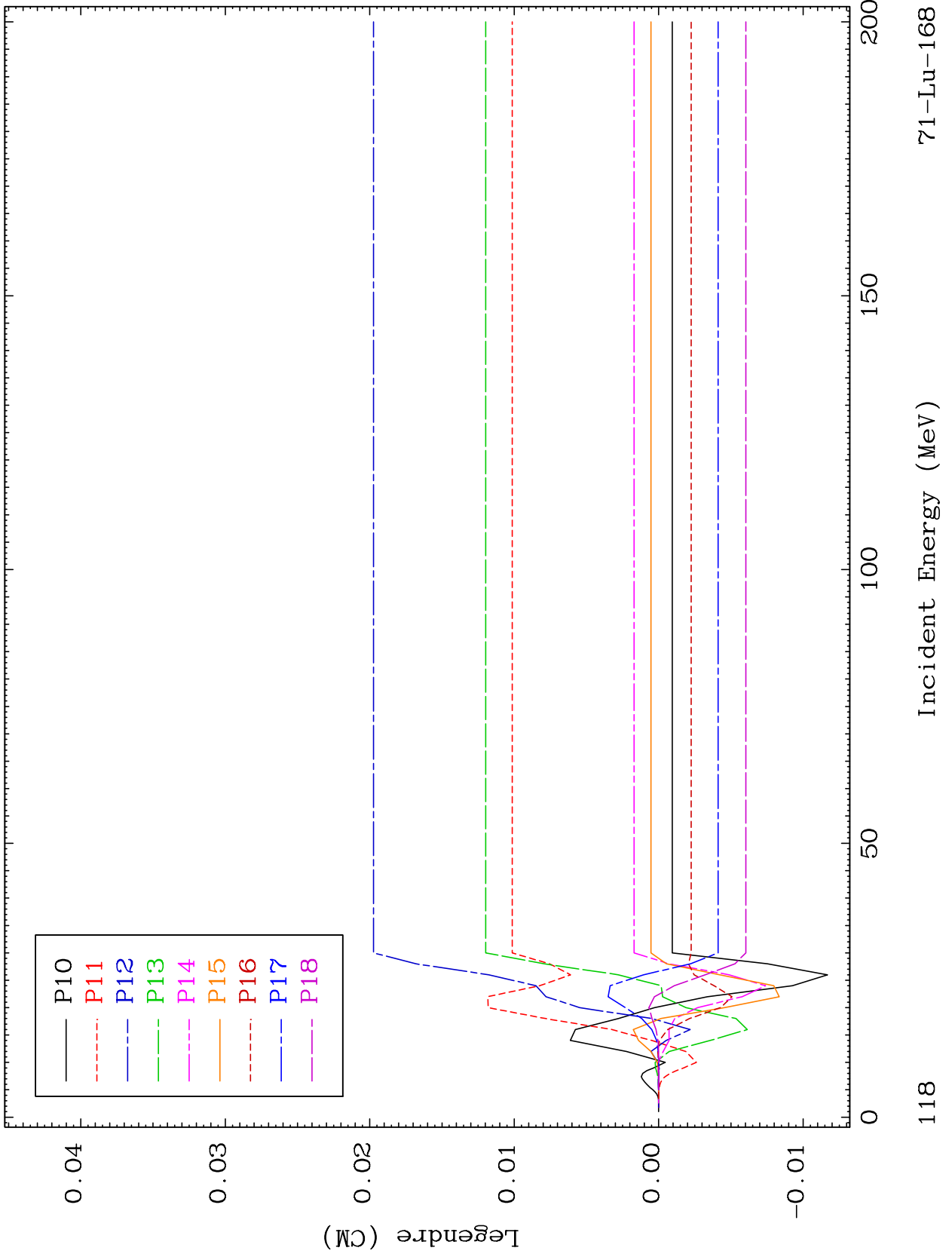




MAT 7104

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

71-Lu-168



118

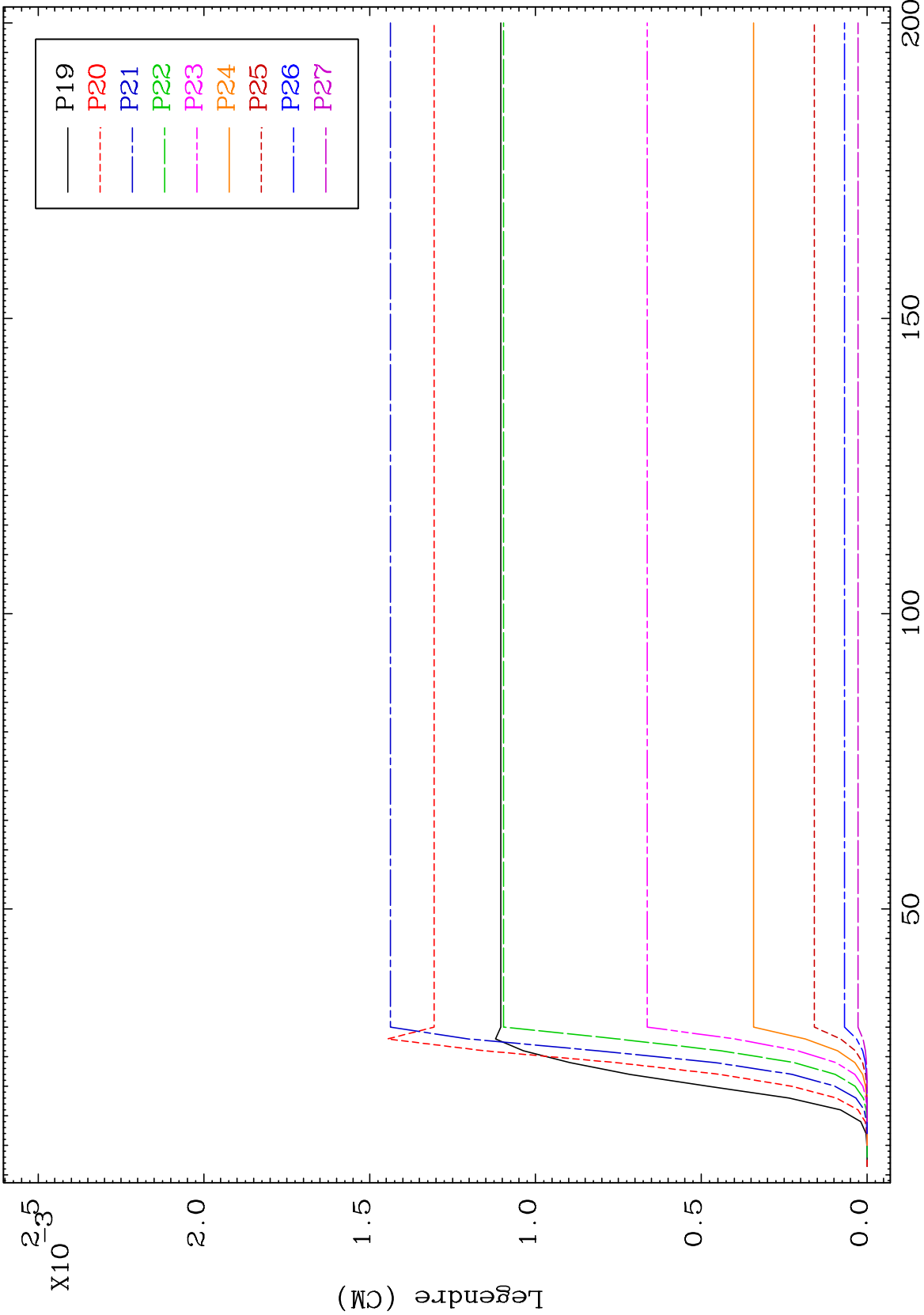
Incident Energy (MeV)

71-Lu-168

MAT 7104

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

71-Lu-168

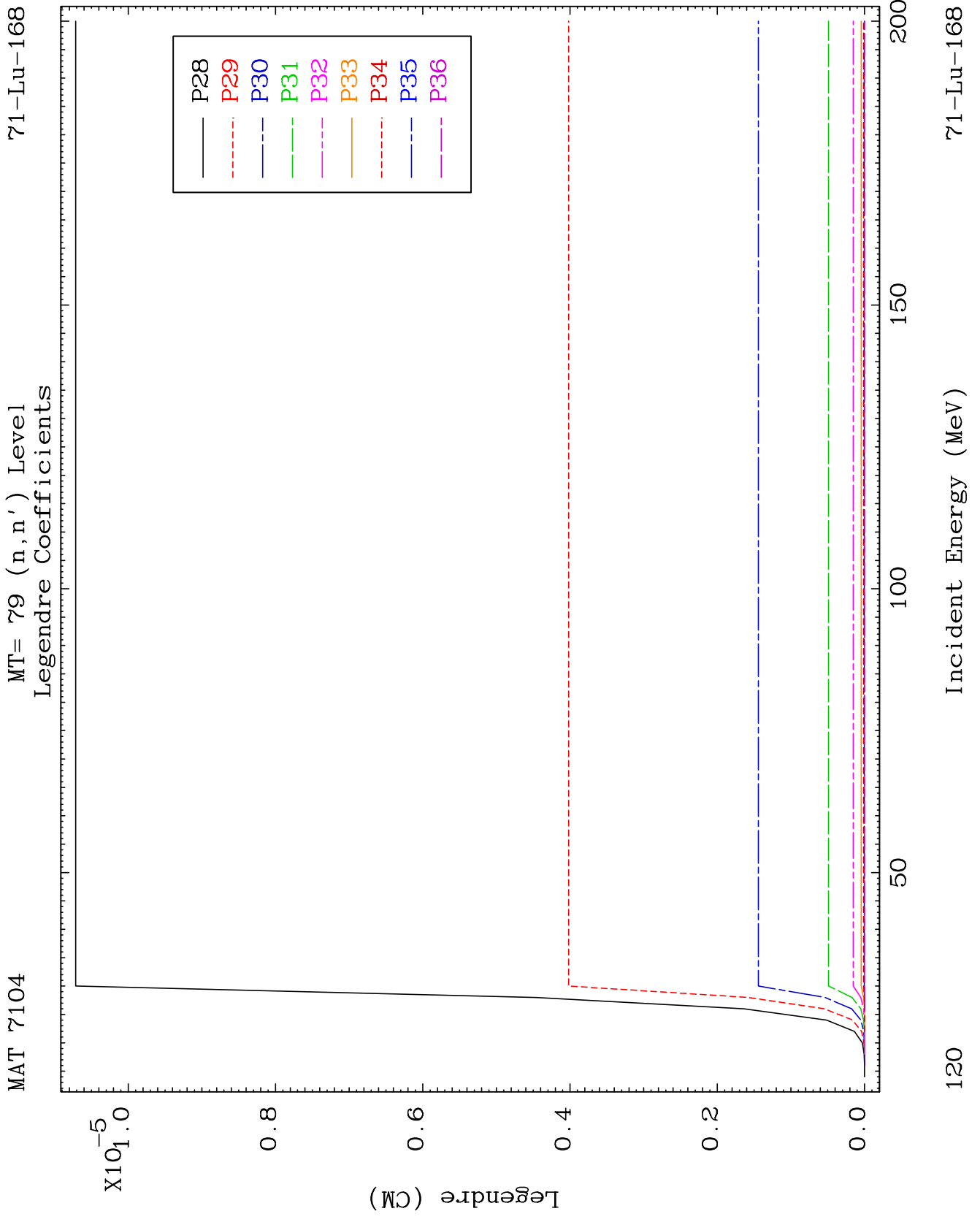


119

Incident Energy (MeV)

71-Lu-168

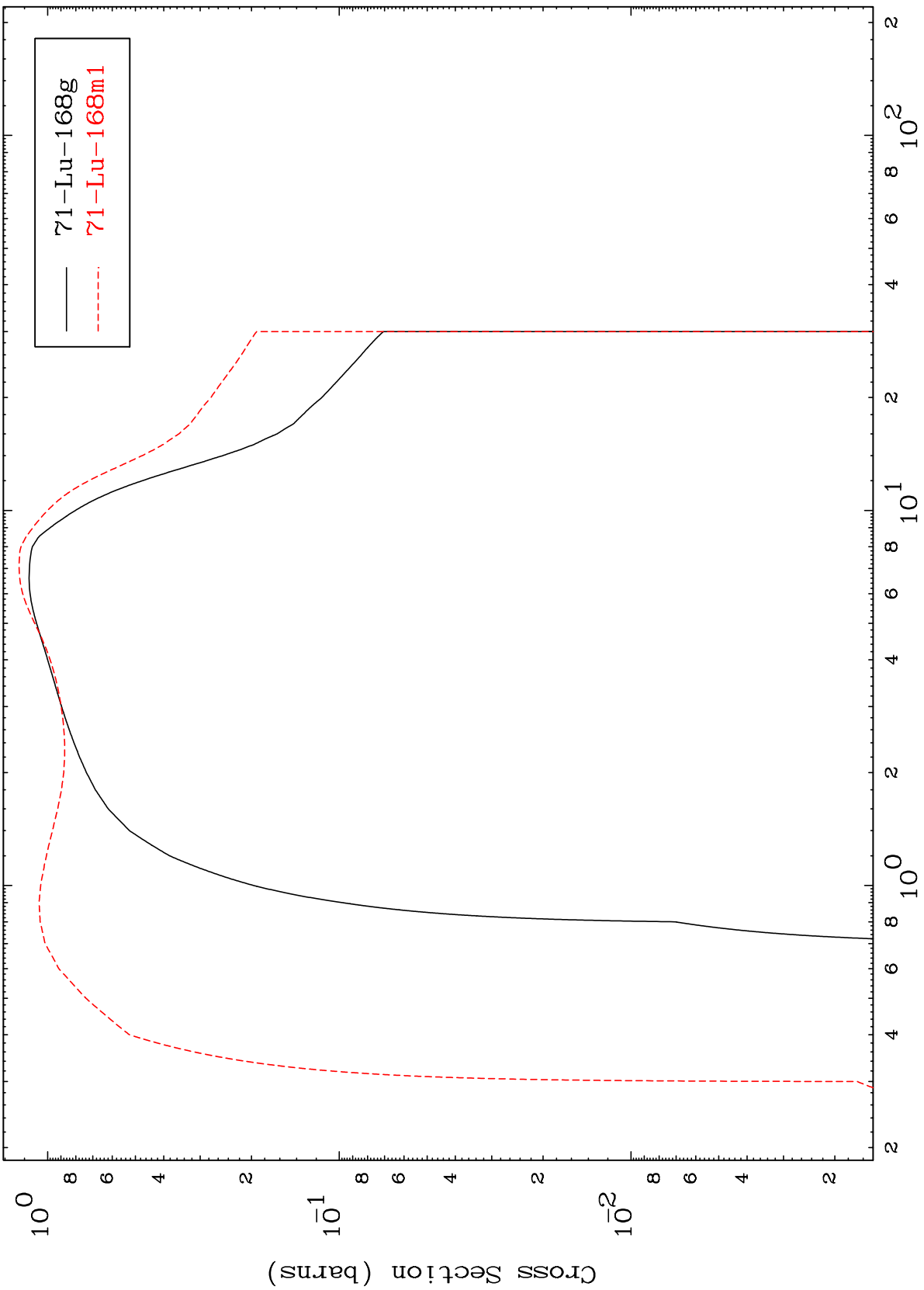




MAT 7104

71-Lu-168

Inelastic  
Radionuclide Production Cross Section



71-Lu-168g  
71-Lu-168m1

121

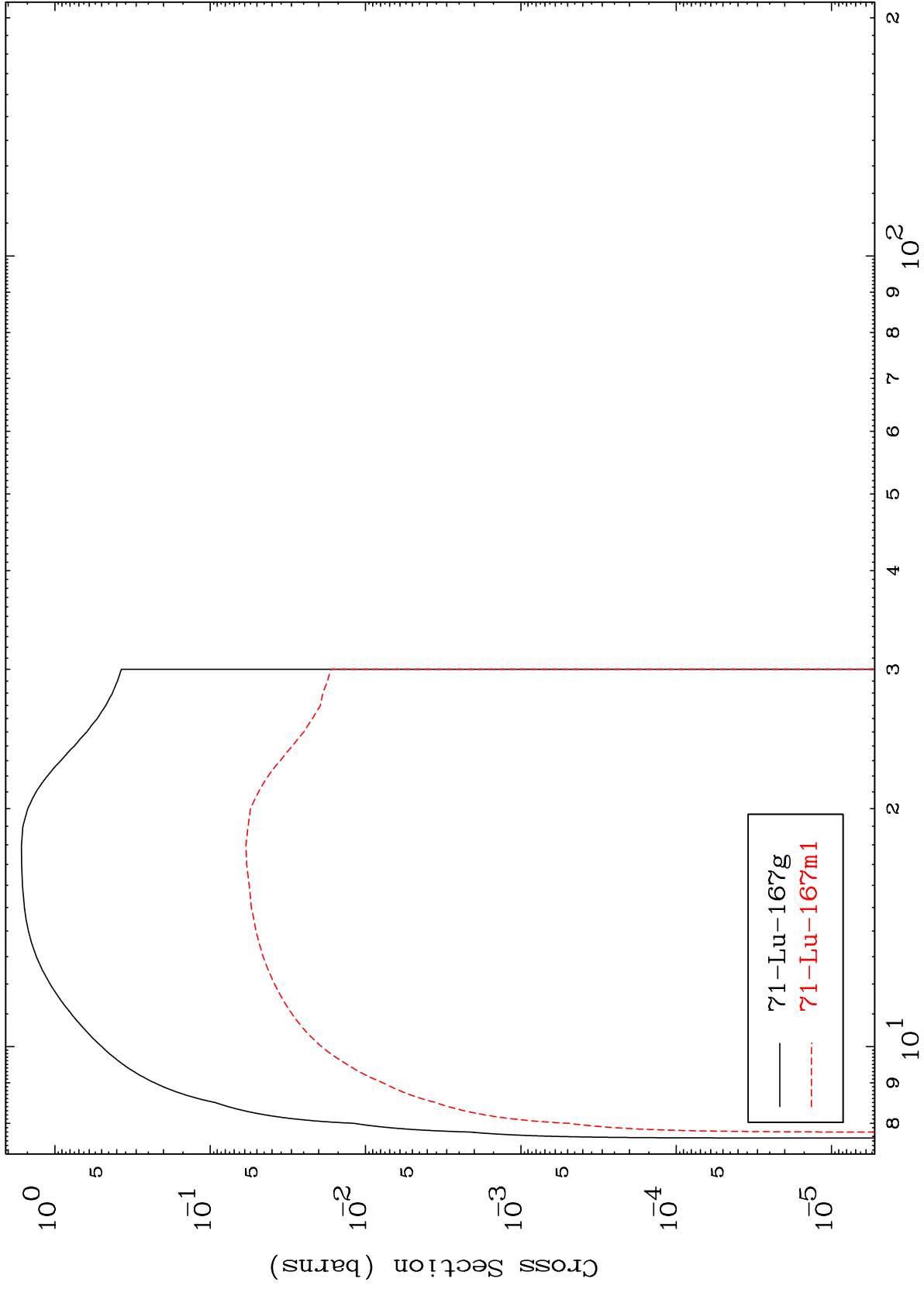
Incident Energy (MeV)

71-Lu-168

MAT 7104

71-Lu-168

(n,2n)  
Radionuclide Production Cross Section

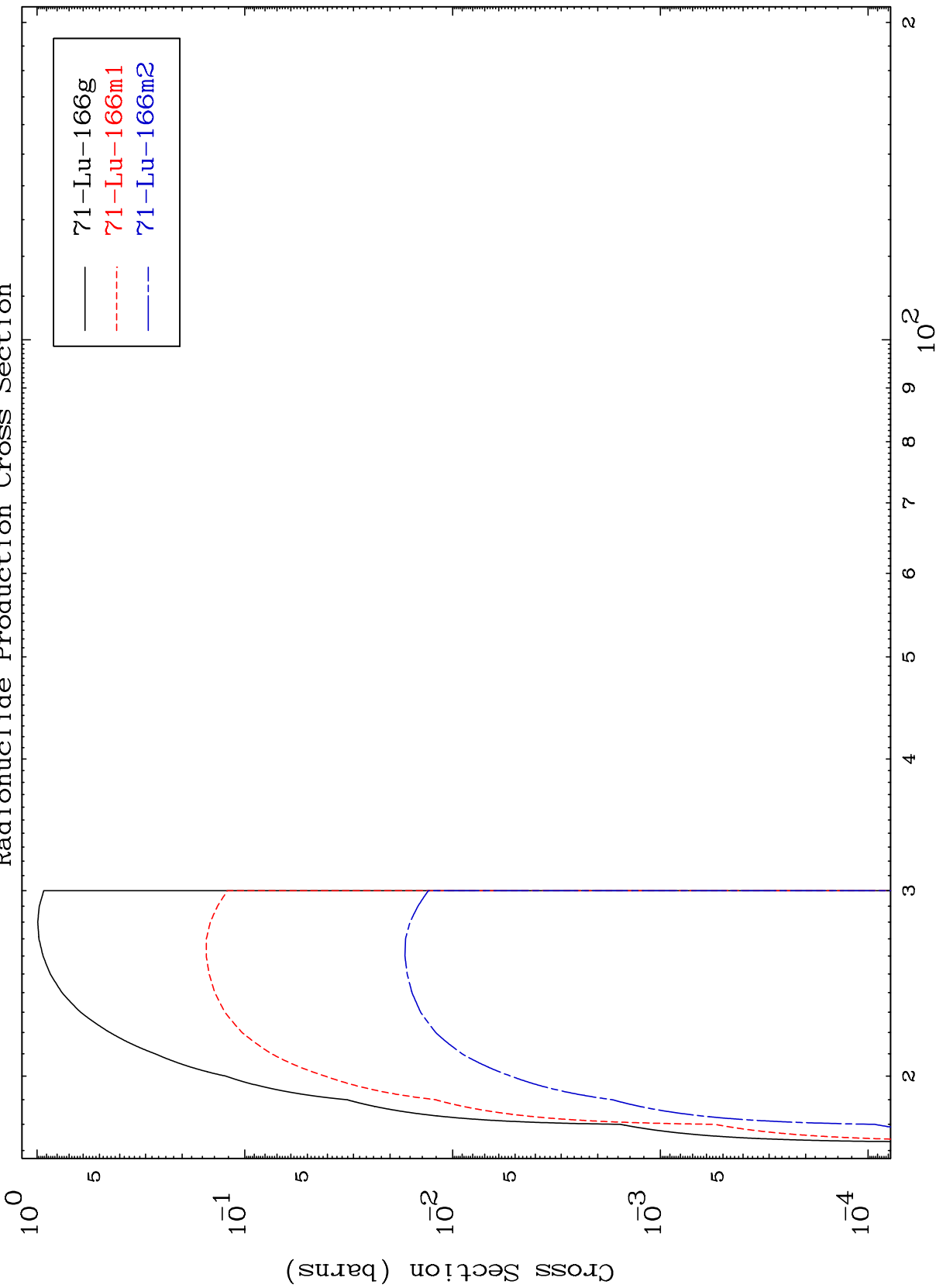


71-Lu-168

Incident Energy (MeV)

122

(n,3n)  
Radionuclide Production Cross Section

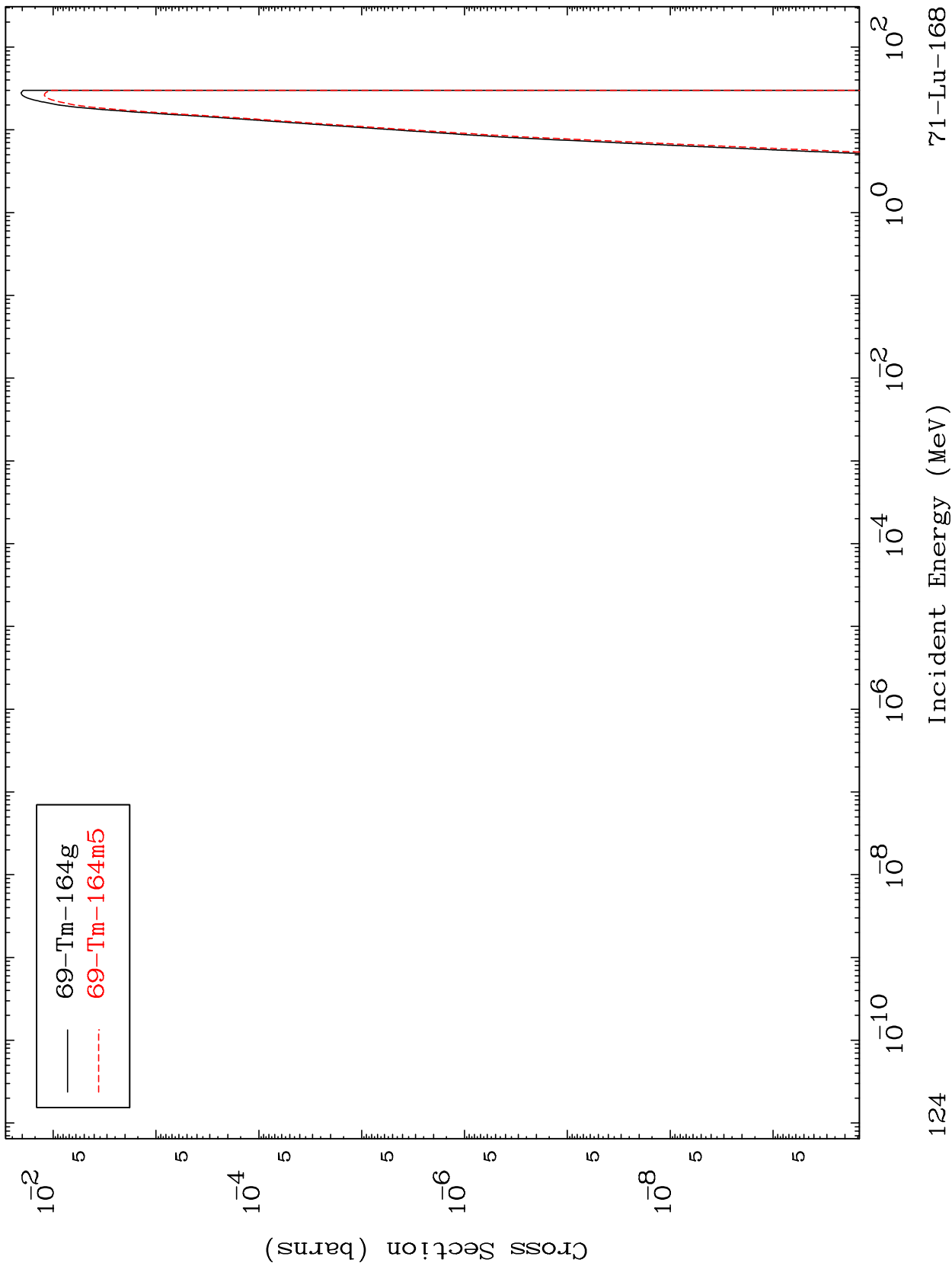


MAT 7104

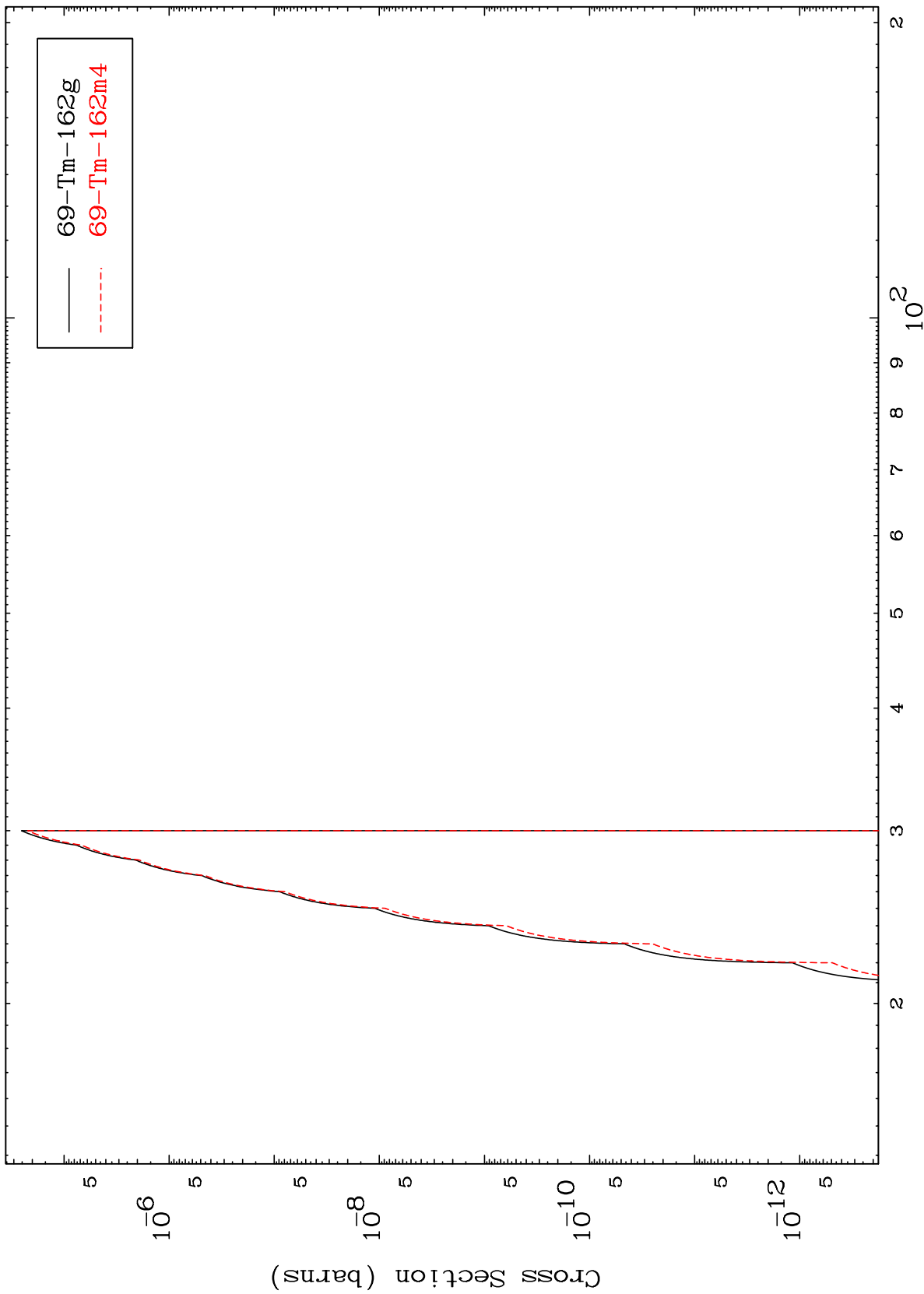
$(n, n') \alpha$

$^{71}\text{Lu-168}$

Radionuclide Production Cross Section



Radionuclide Production Cross Section



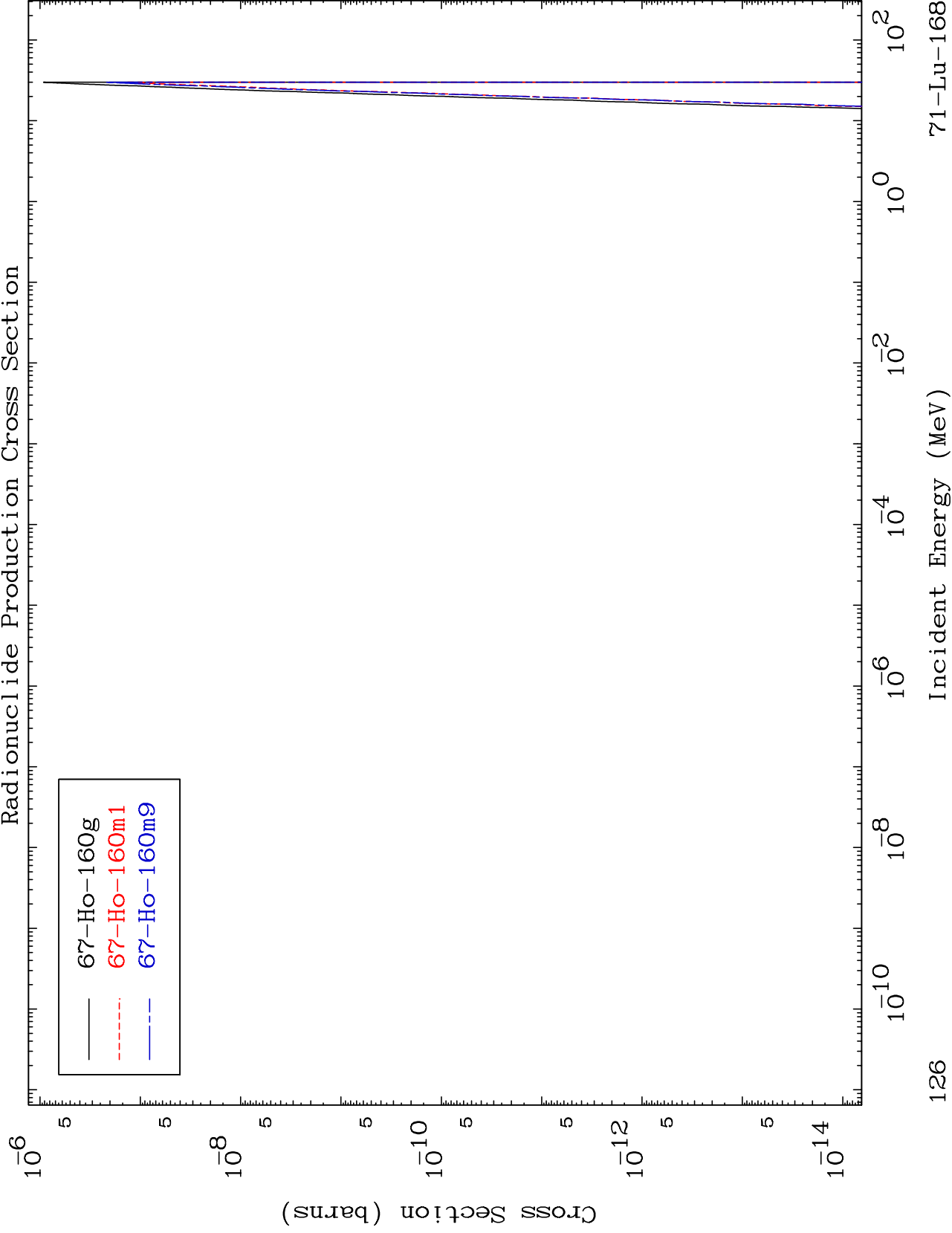
69-Tm-162g  
69-Tm-162m4

MAT 7104

(n,n') 2 $\alpha$

71-Lu-168

Radionuclide Production Cross Section

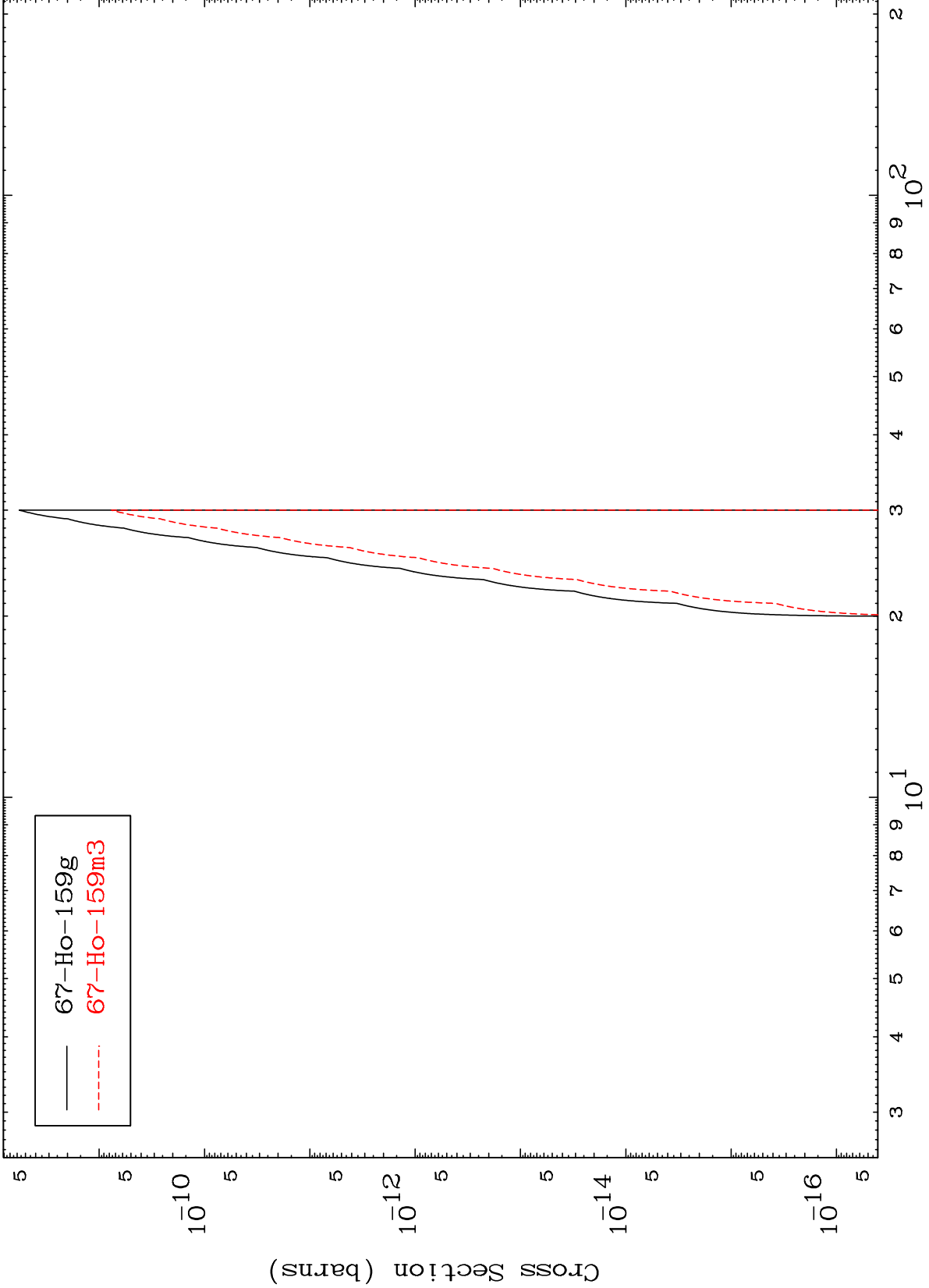


MAT 7104

$^{71}\text{Lu}$ -168

$(n,2n) 2\alpha$

Radionuclide Production Cross Section



—  $^{67}\text{Ho}$ -159g  
- - -  $^{67}\text{Ho}$ -159m3

127

Incident Energy (MeV)

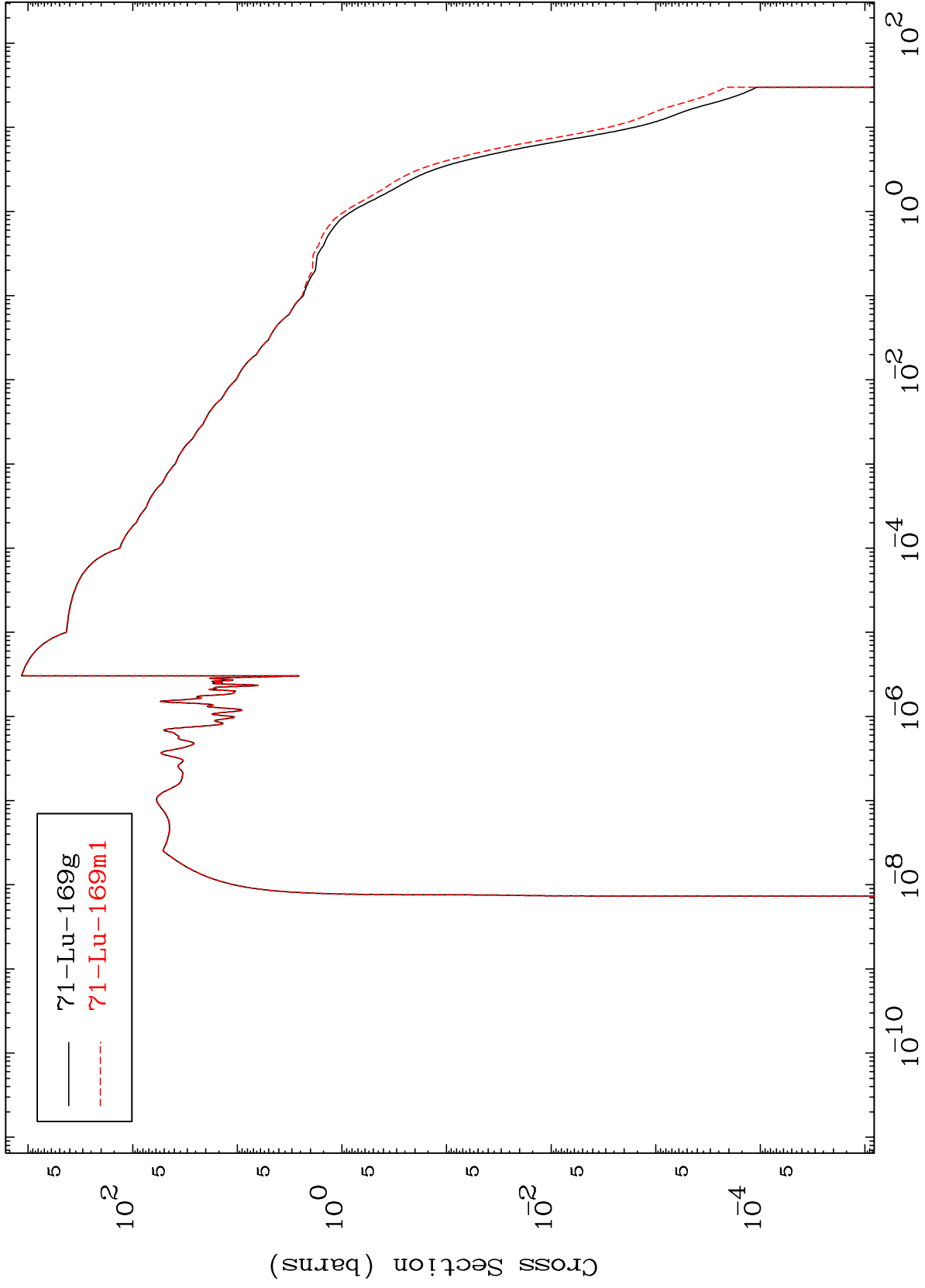
$^{71}\text{Lu}$ -168



MAT 7104

<sup>71</sup>Lu-168

Radionuclide Production Cross Section

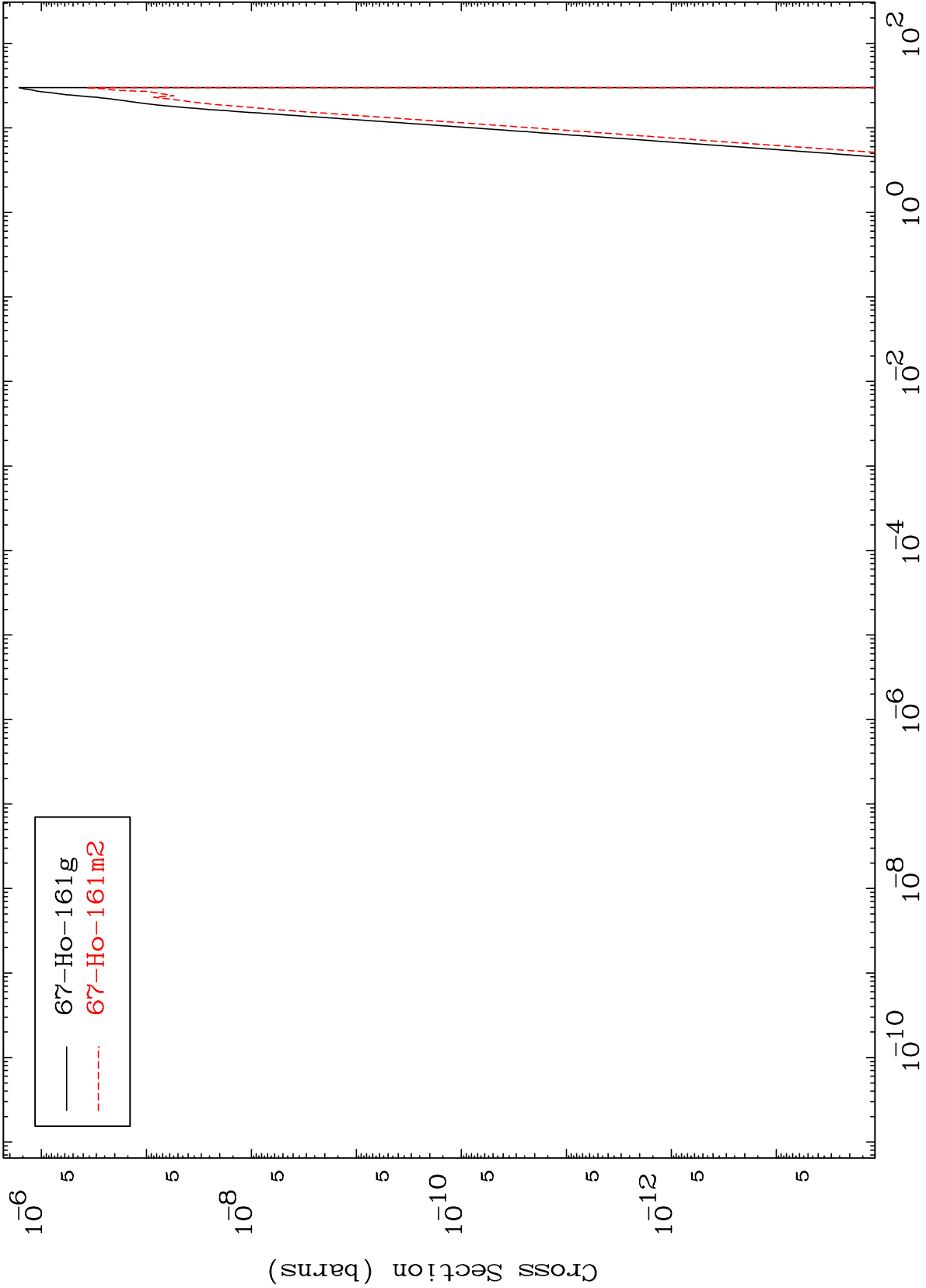


MAT 7104

(n,2α)

<sup>71</sup>Lu-168

Radionuclide Production Cross Section



— 67-Ho-161g  
- - - 67-Ho-161m2