

Program EVALPLOT  
(Version 2021-1)

by

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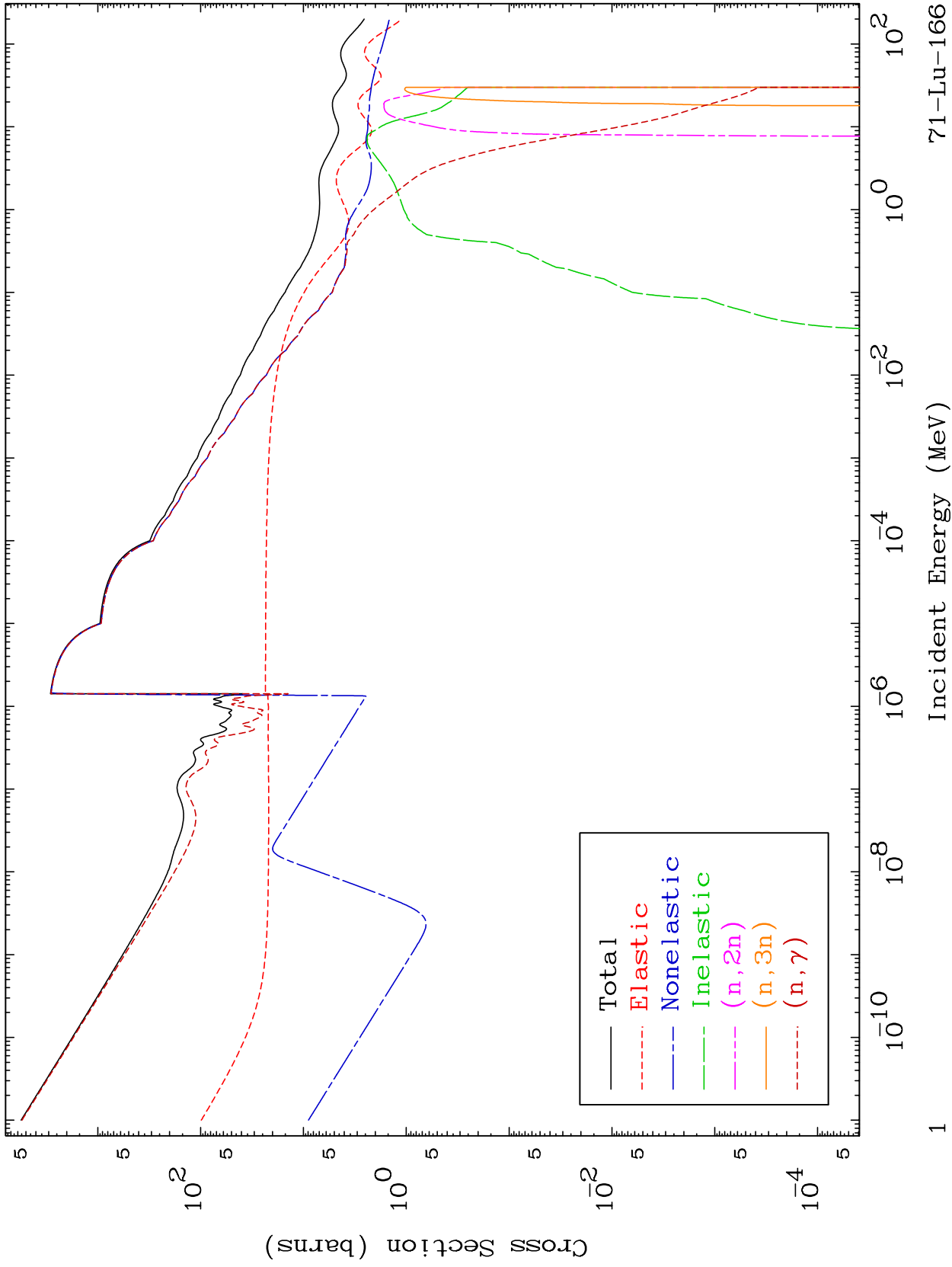
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Press Mouse Button to Start

MAT 7098

Neutron Major  
293 Kelvin Cross Sections

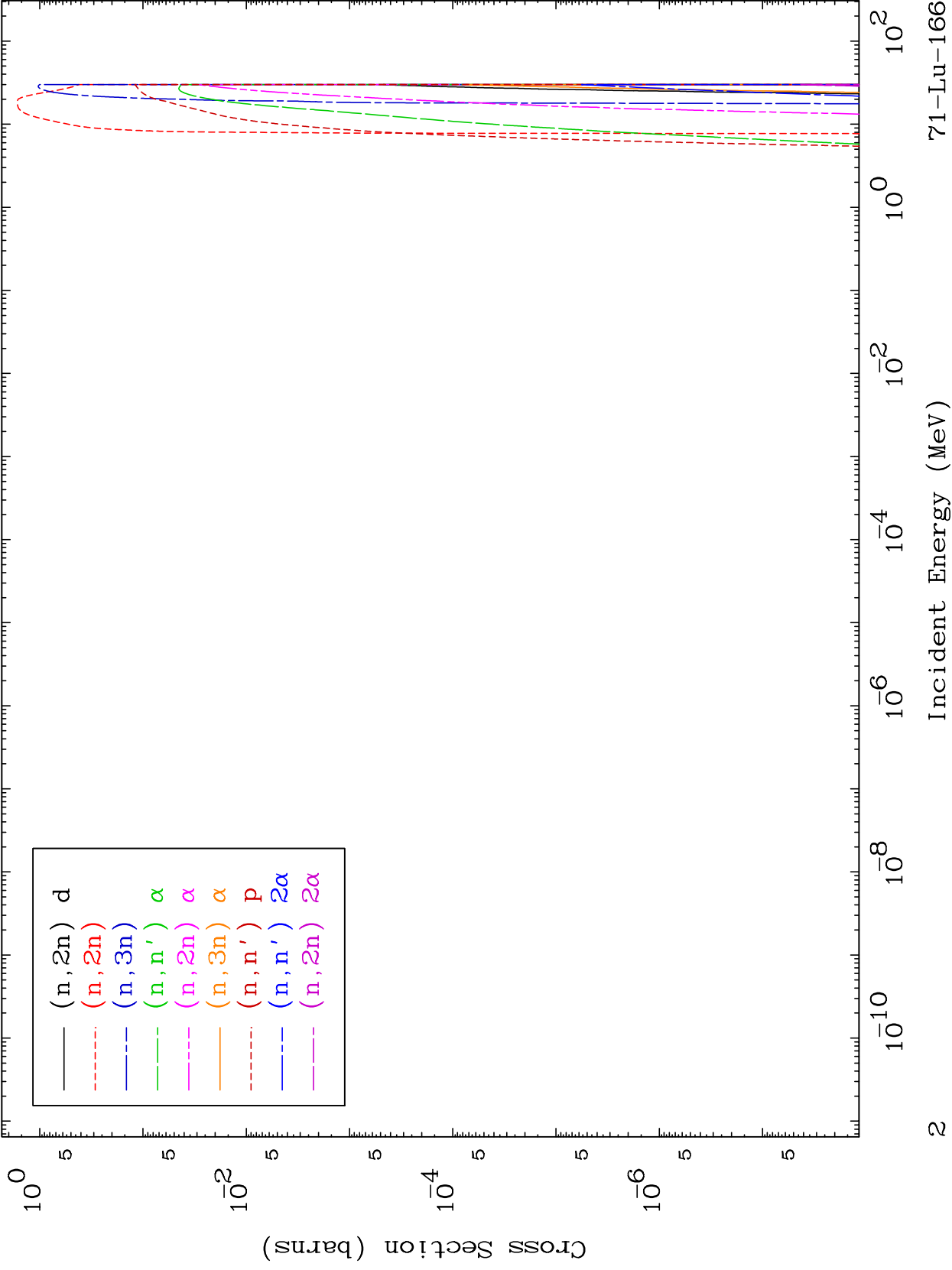
71-Lu-166

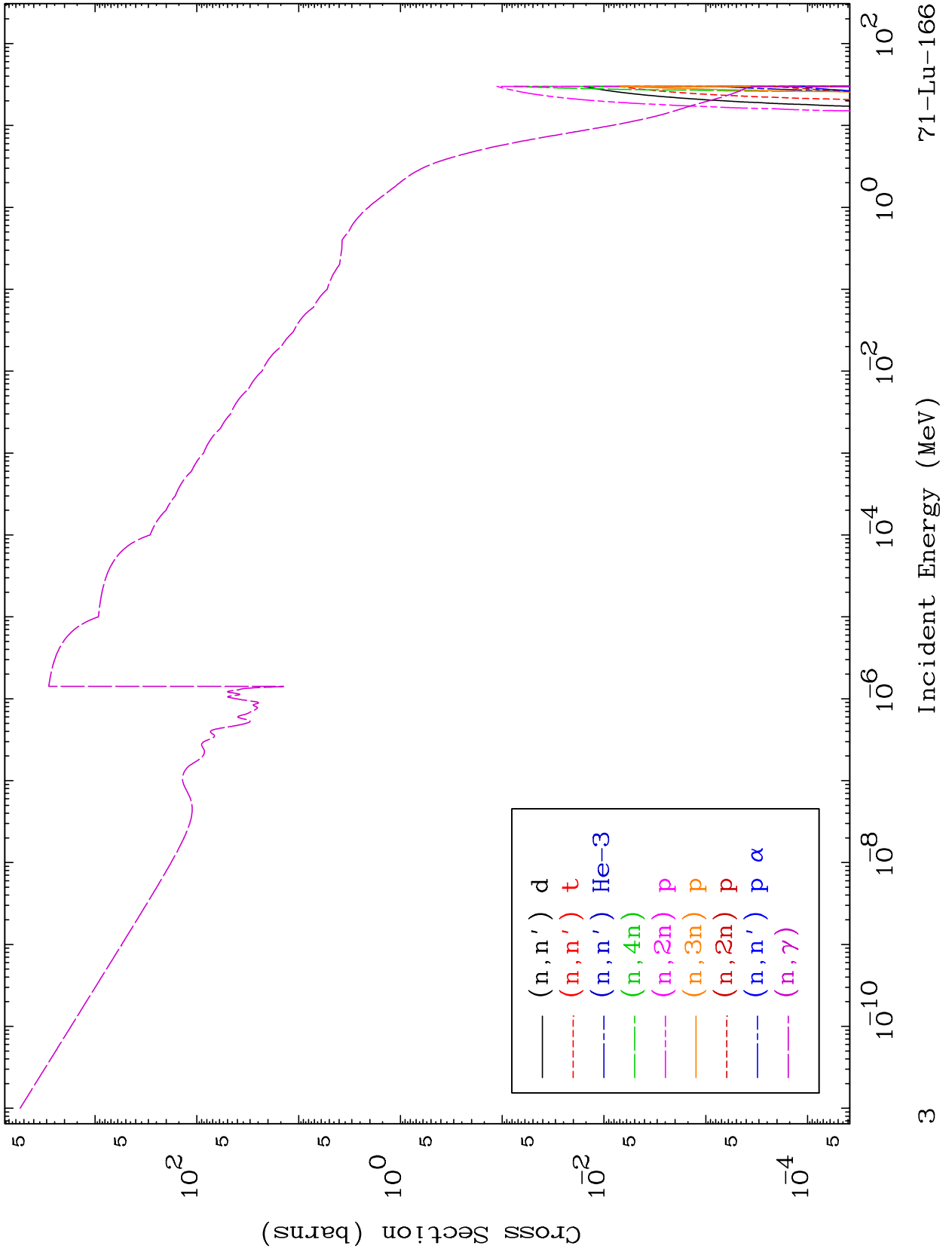


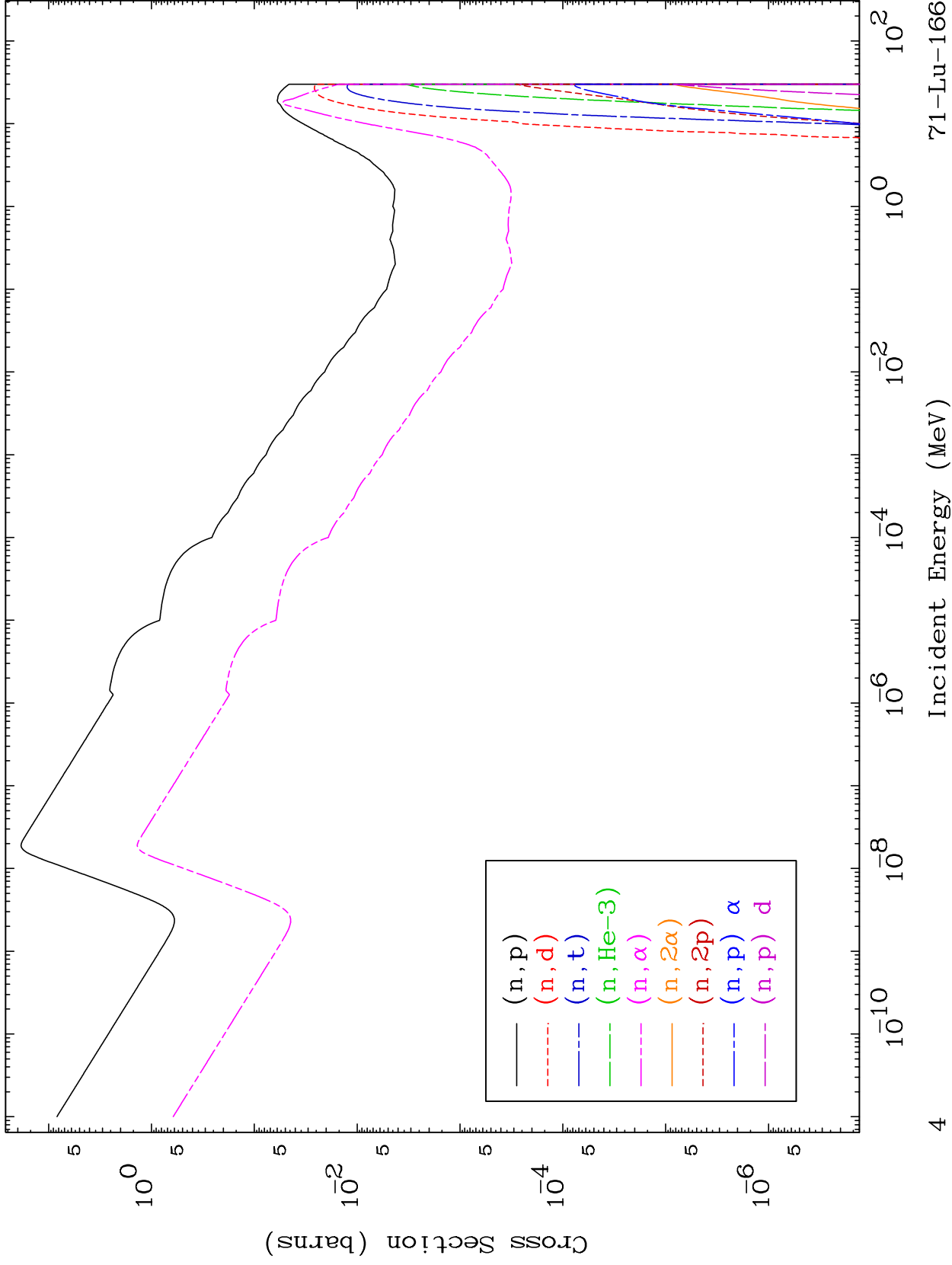
MAT 7098

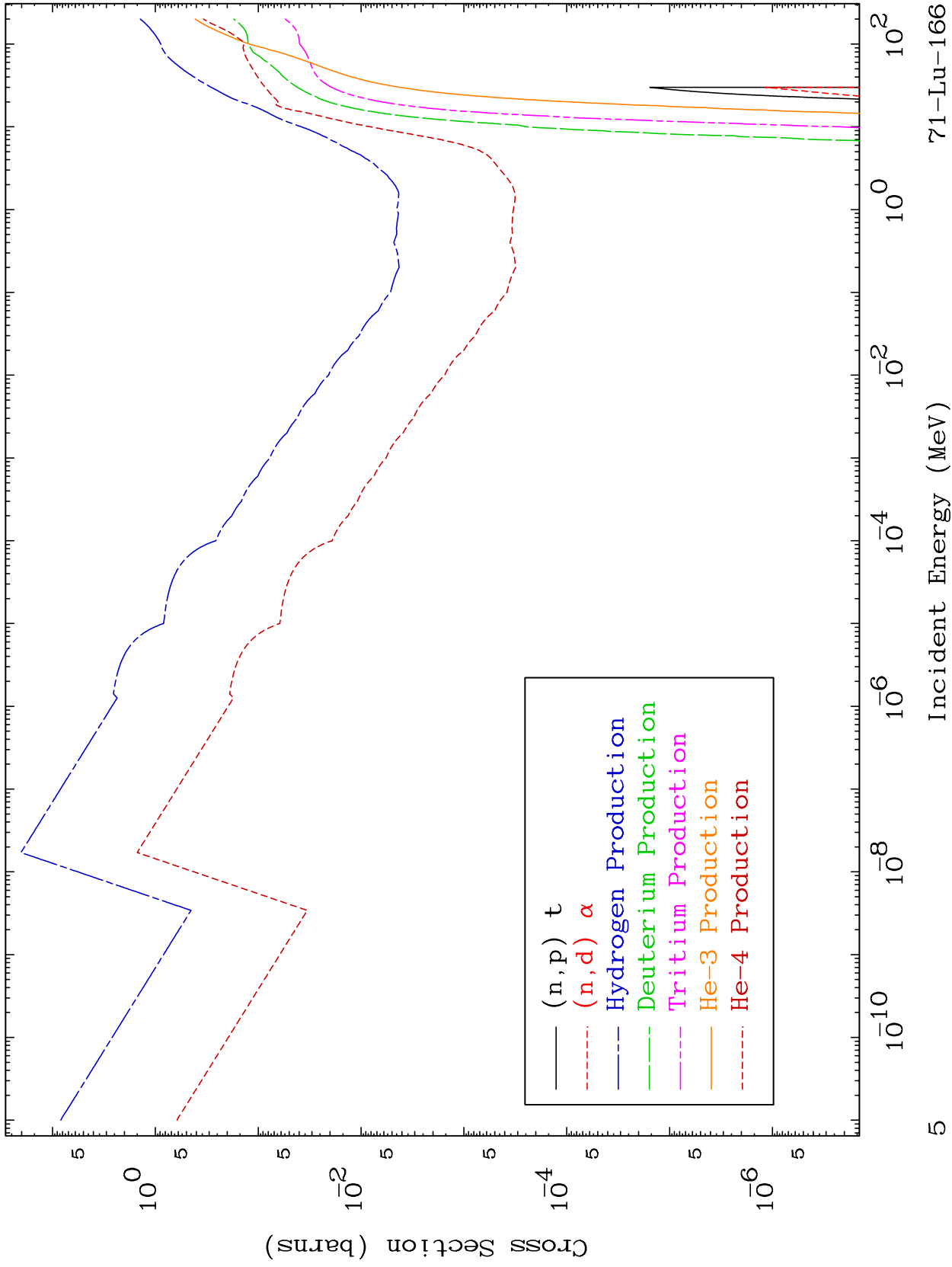
Neutron Absorption  
293 Kelvin Cross Sections

71-Lu-166





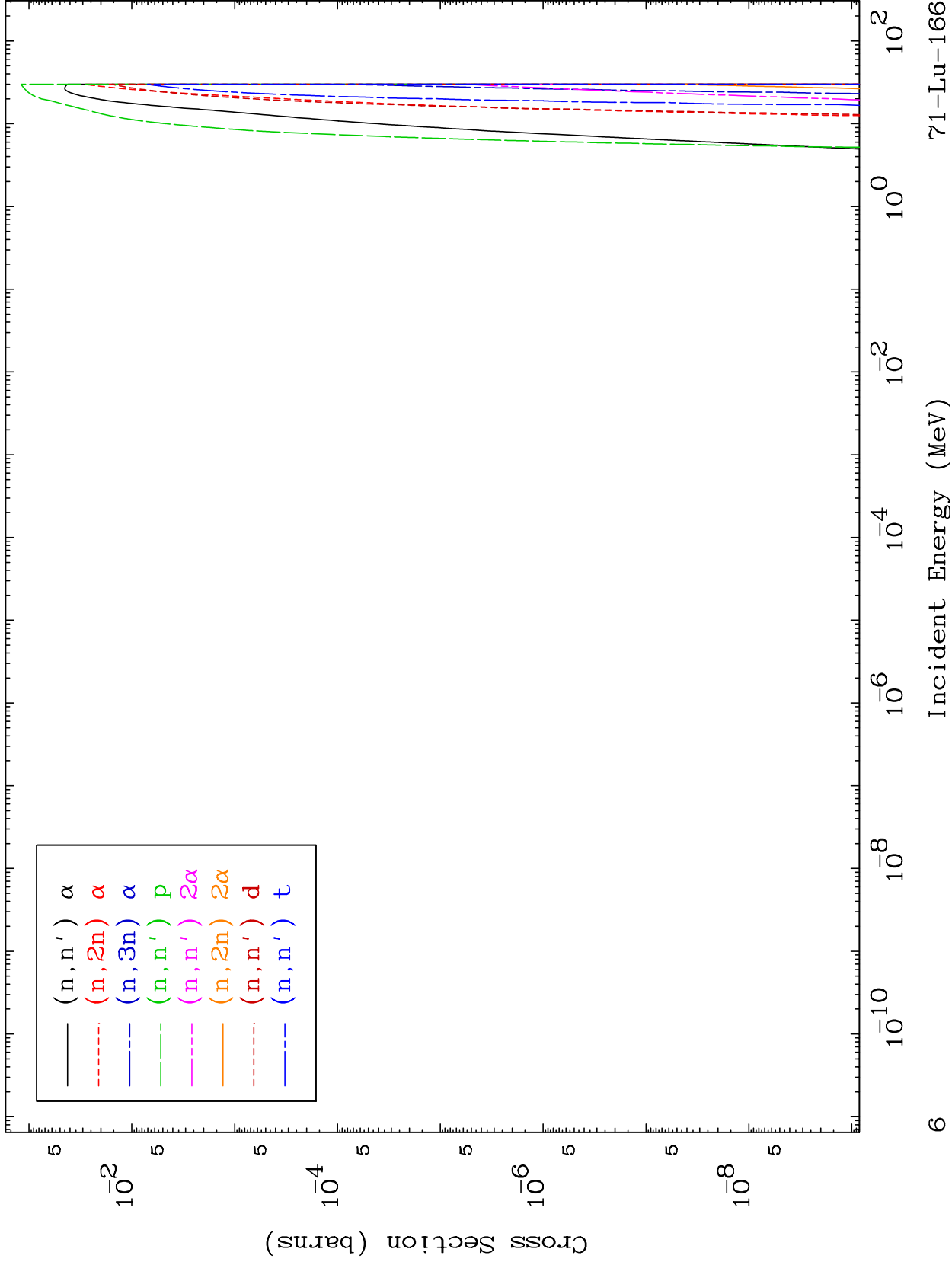




MAT 7098

Charged Particle  
293 Kelvin Cross Sections

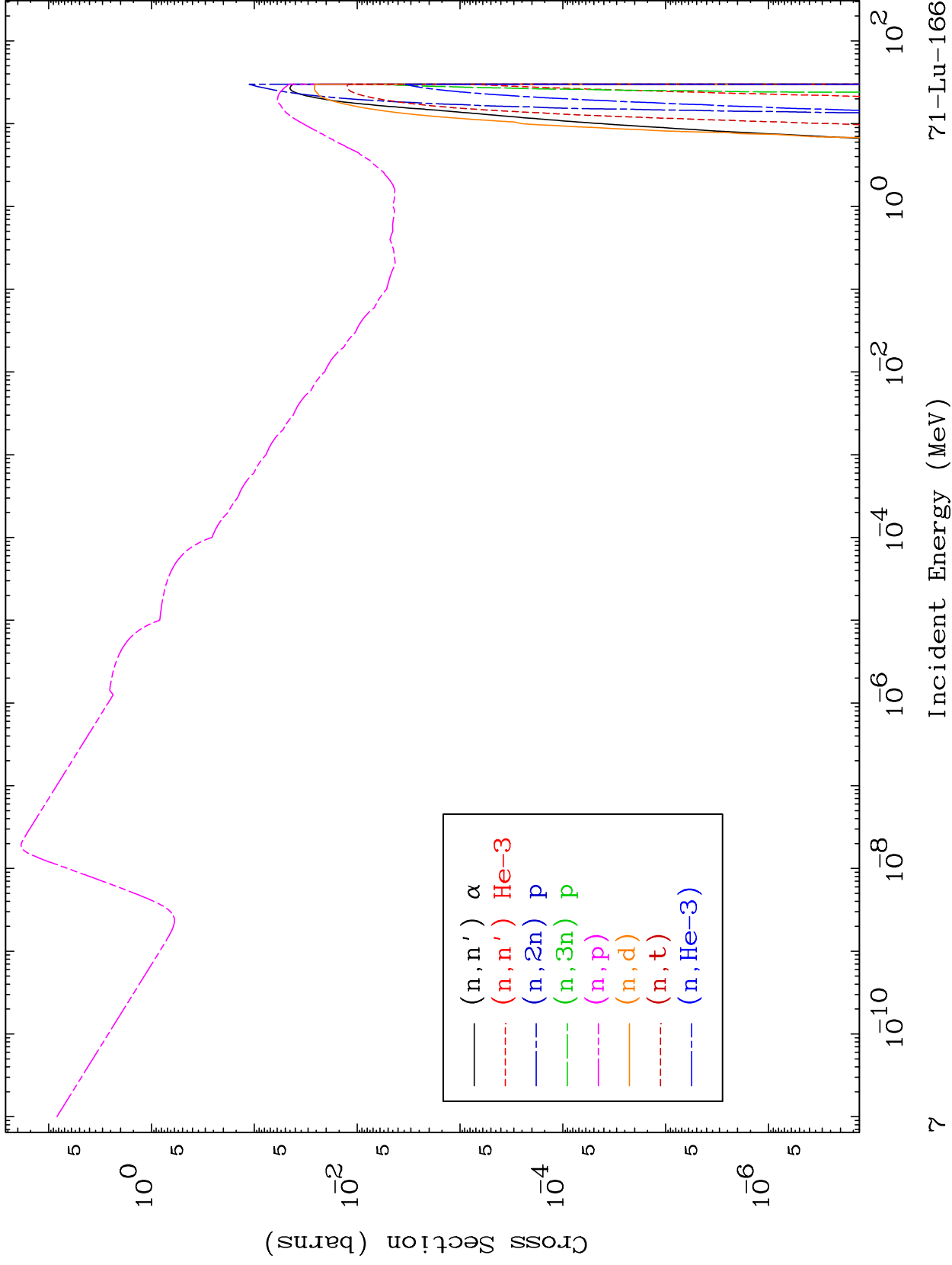
71-Lu-166



MAT 7098

Charged Particle  
293 Kelvin Cross Sections

71-Lu-166

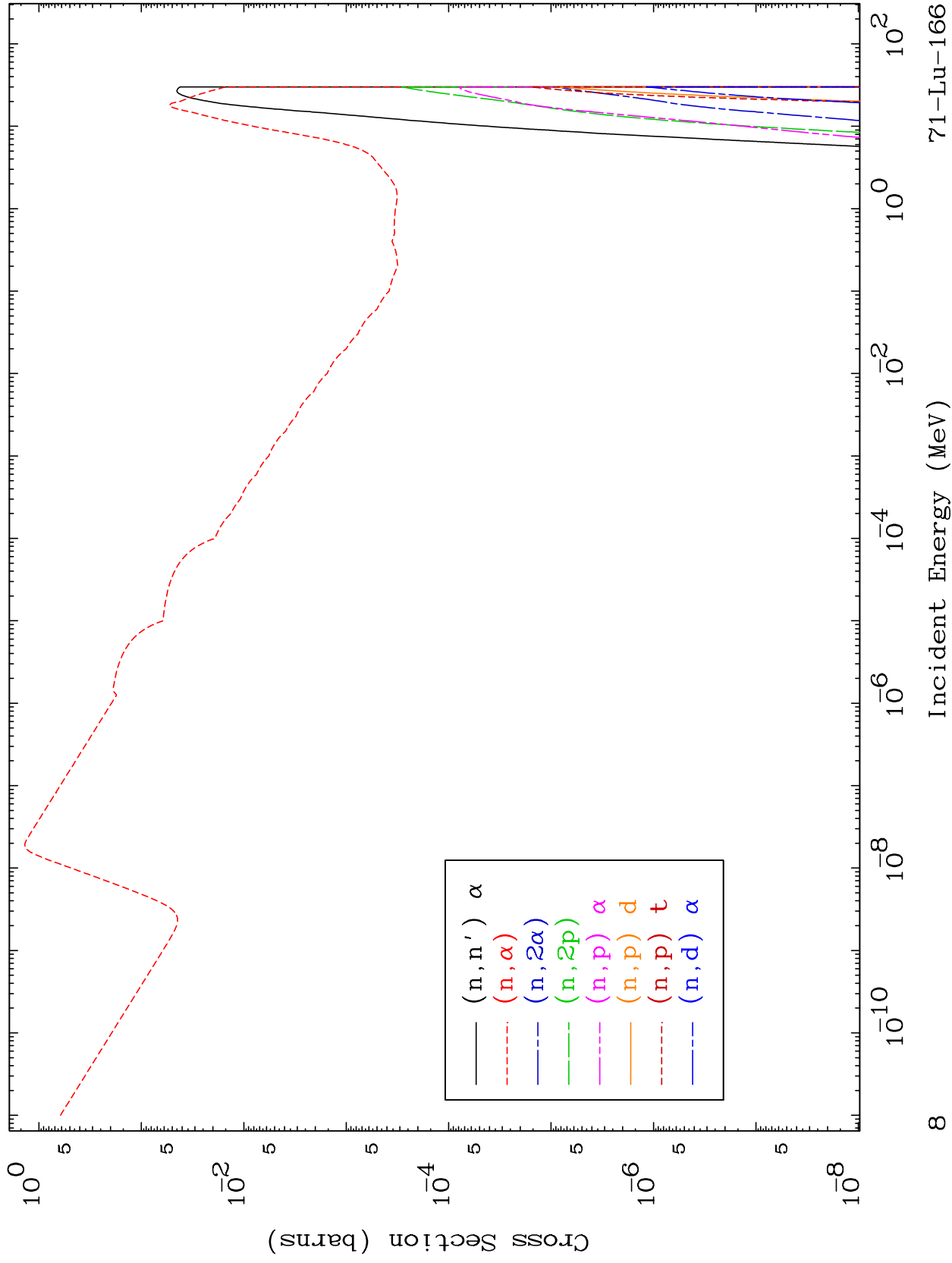


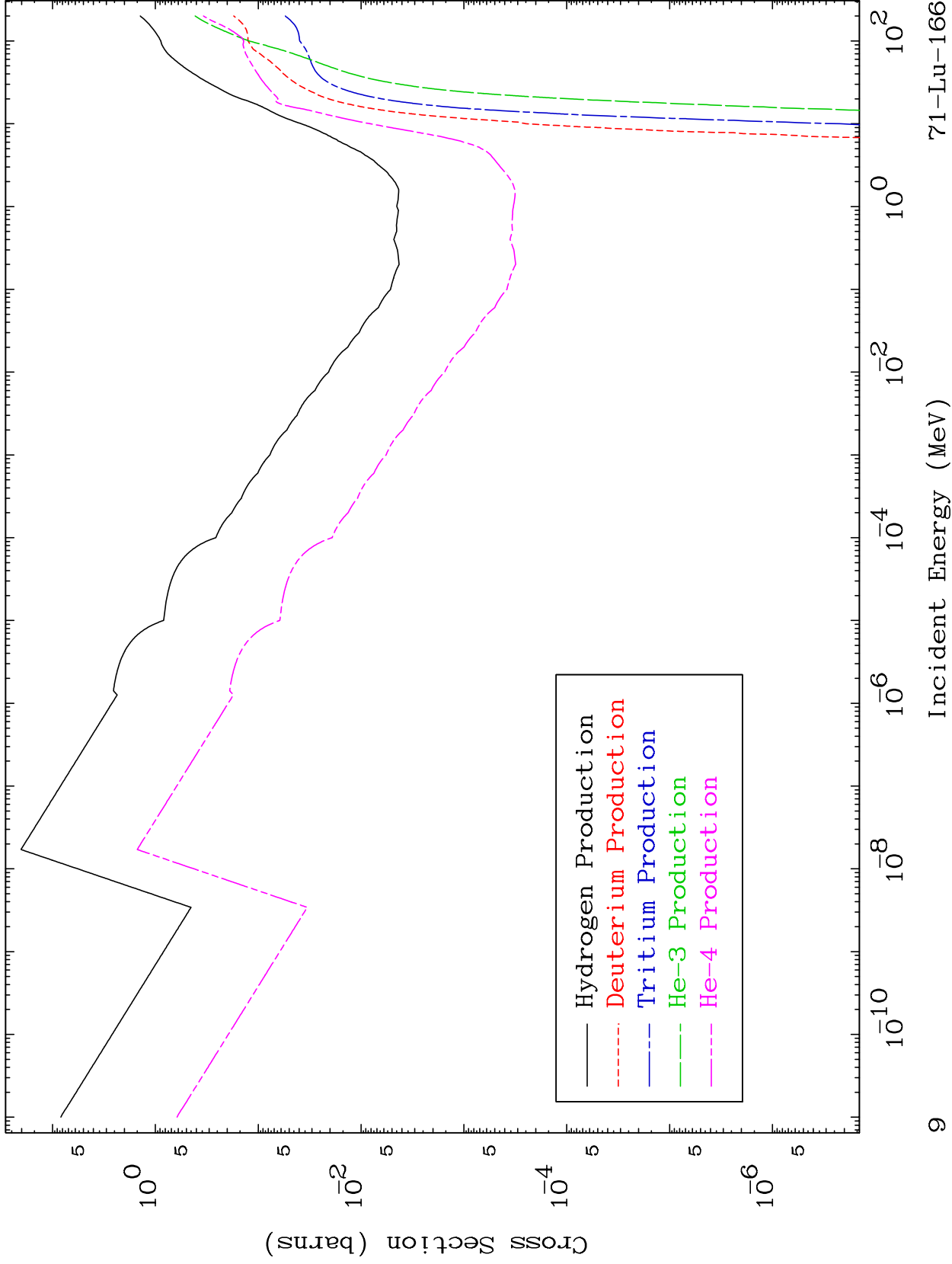


MAT 7098

Charged Particle  
293 Kelvin Cross Sections

71-Lu-166

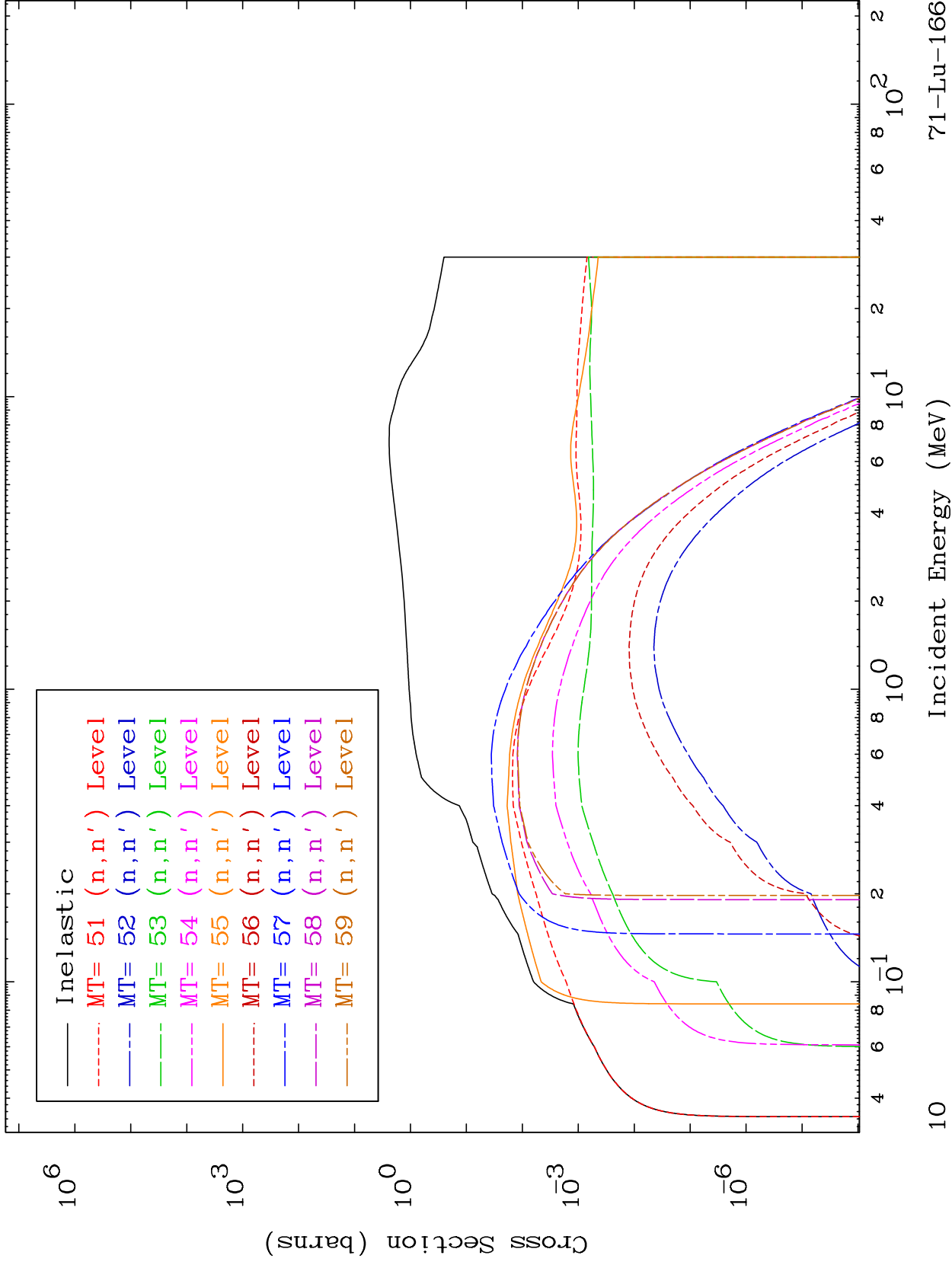




MAT 7098

(n,n') Levels  
293 Kelvin Cross Sections

71-Lu-166



10

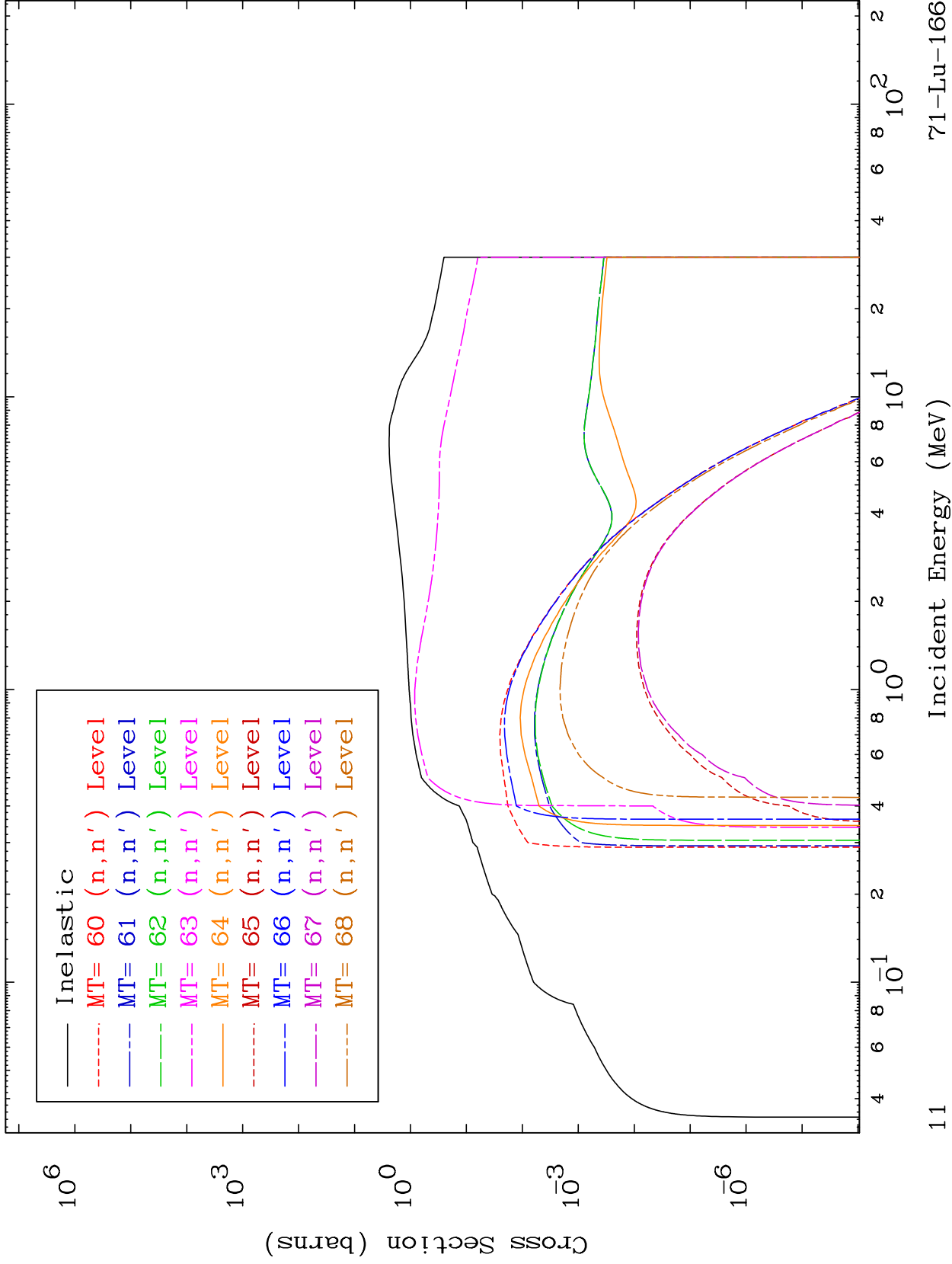
Incident Energy (MeV)

71-Lu-166

MAT 7098

(n,n') Levels  
293 Kelvin Cross Sections

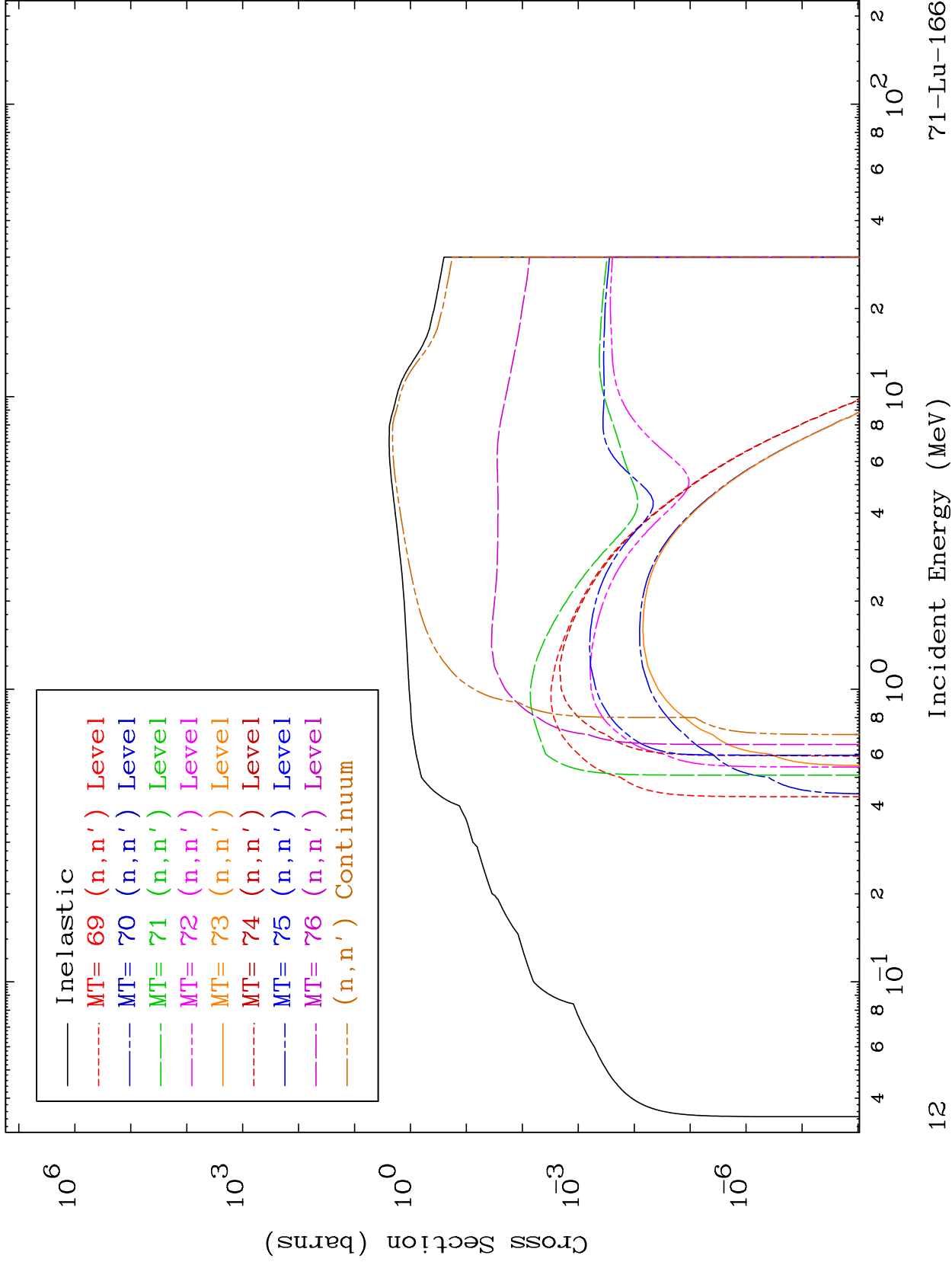
71-Lu-166



MAT 7098

(n,n') Levels  
293 Kelvin Cross Sections

71-Lu-166



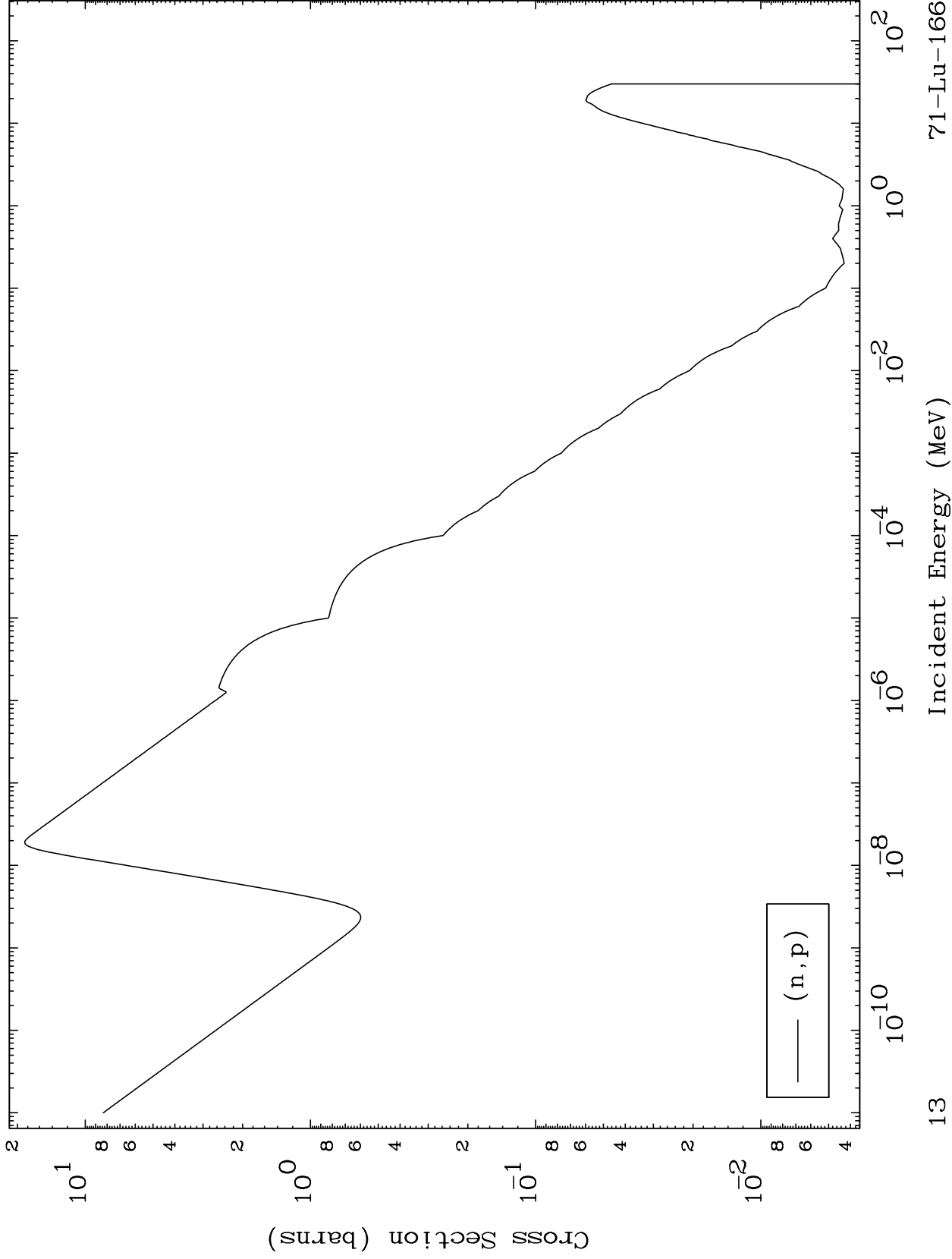
12

71-Lu-166

MAT 7098

(n,p) Levels  
293 Kelvin Cross Sections

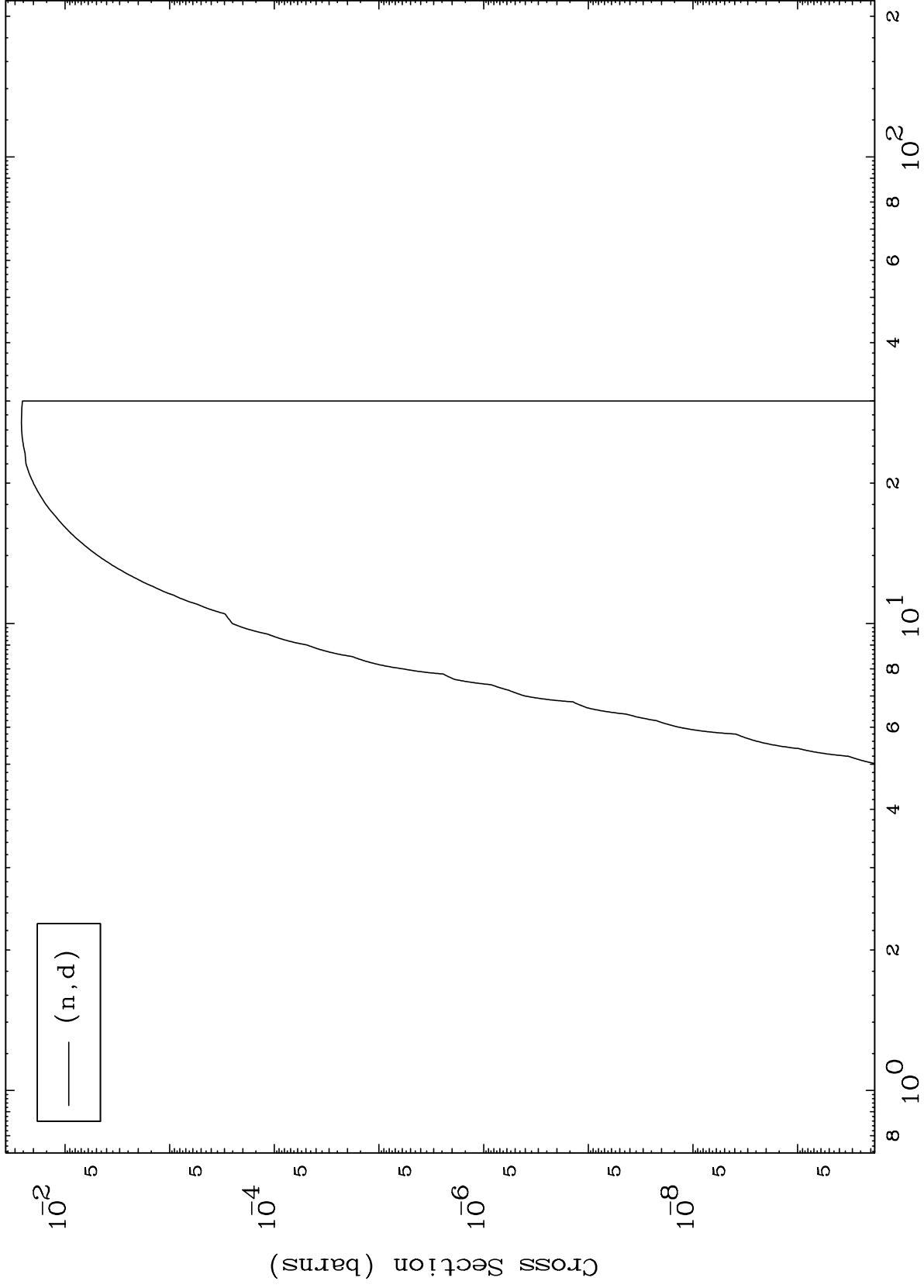
71-Lu-166



MAT 7098

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-166



14

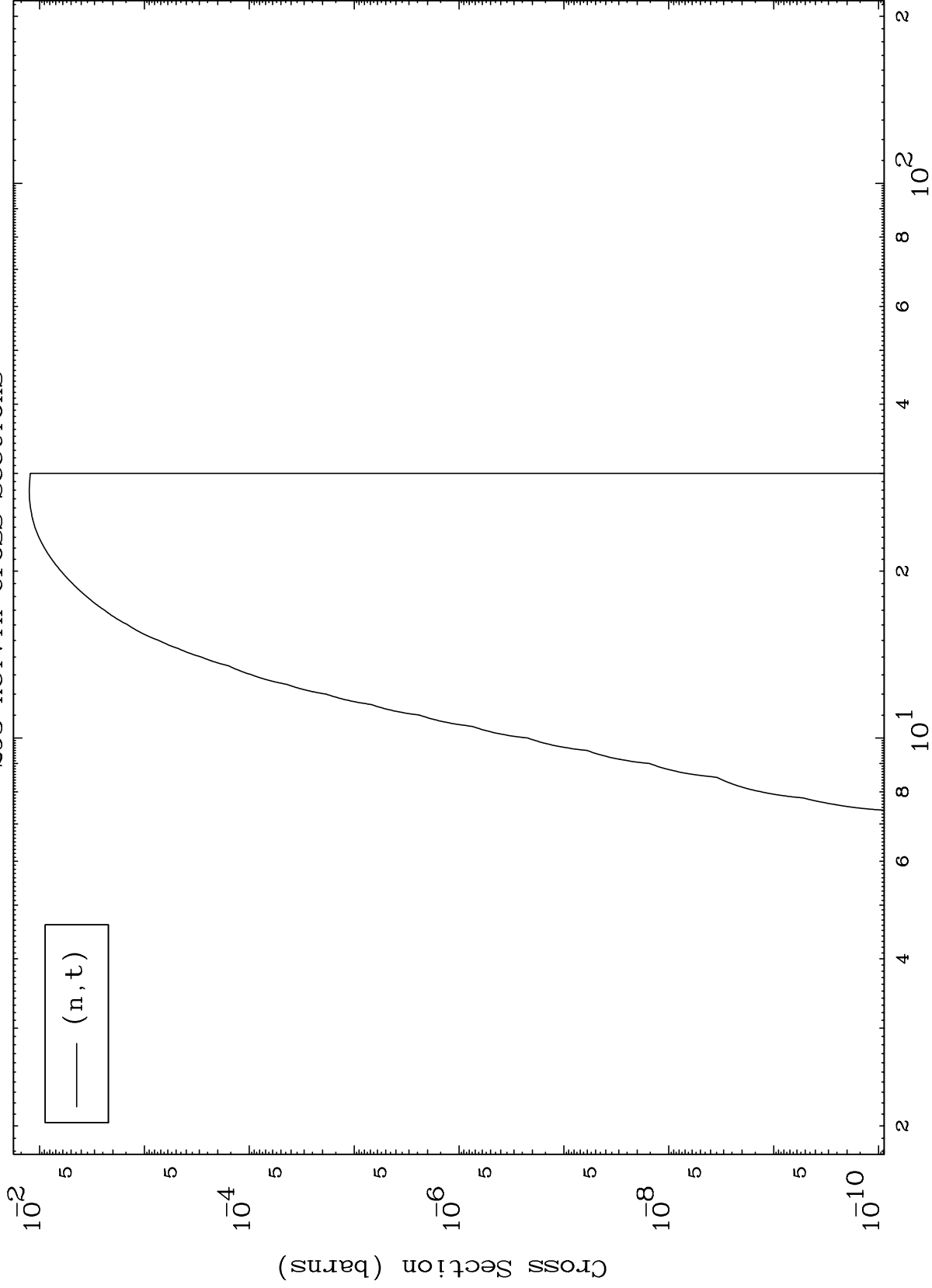
Incident Energy (MeV)

71-Lu-166

MAT 7098

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-166



15

Incident Energy (MeV)

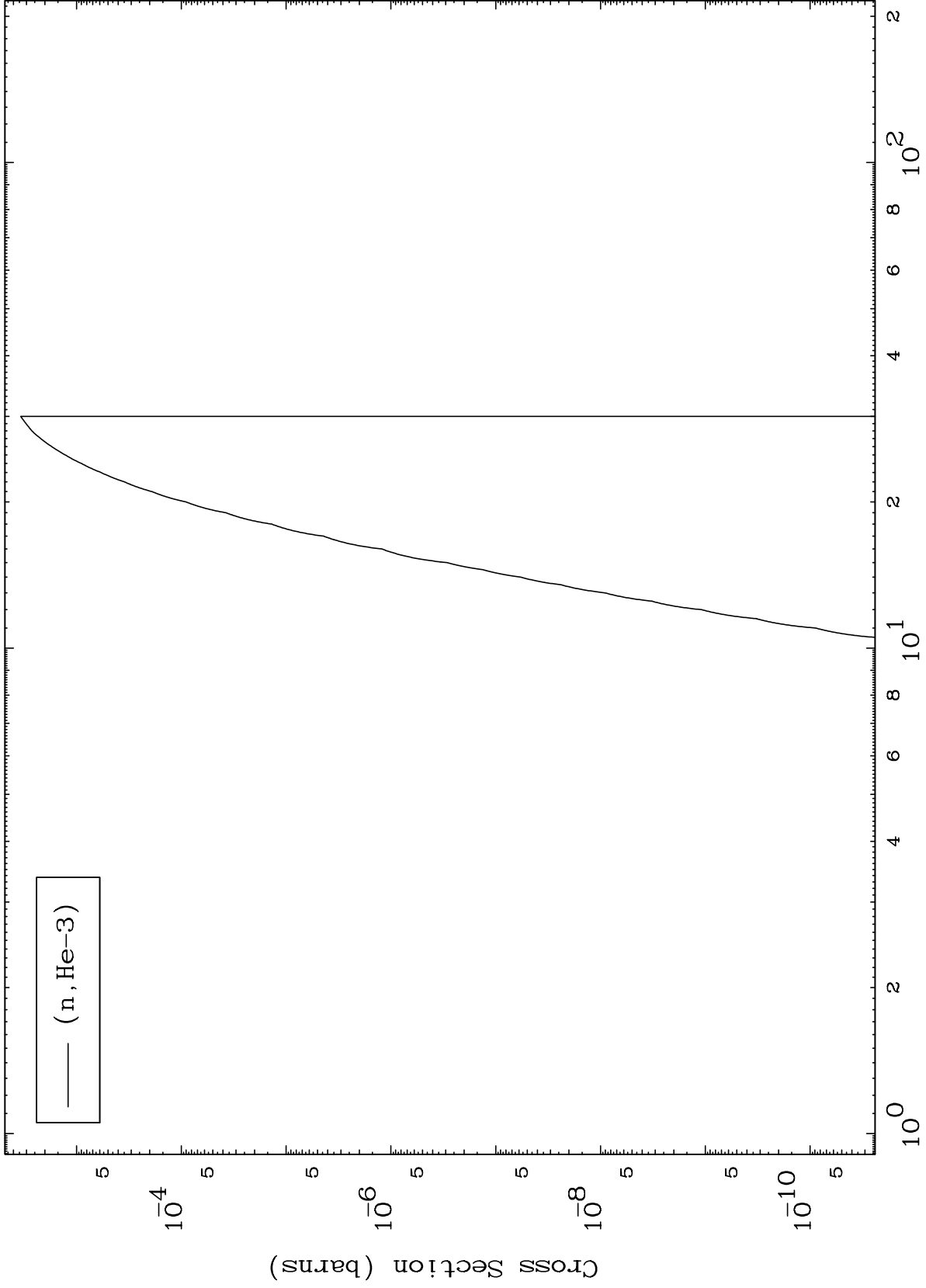
71-Lu-166



MAT 7098

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-166



16

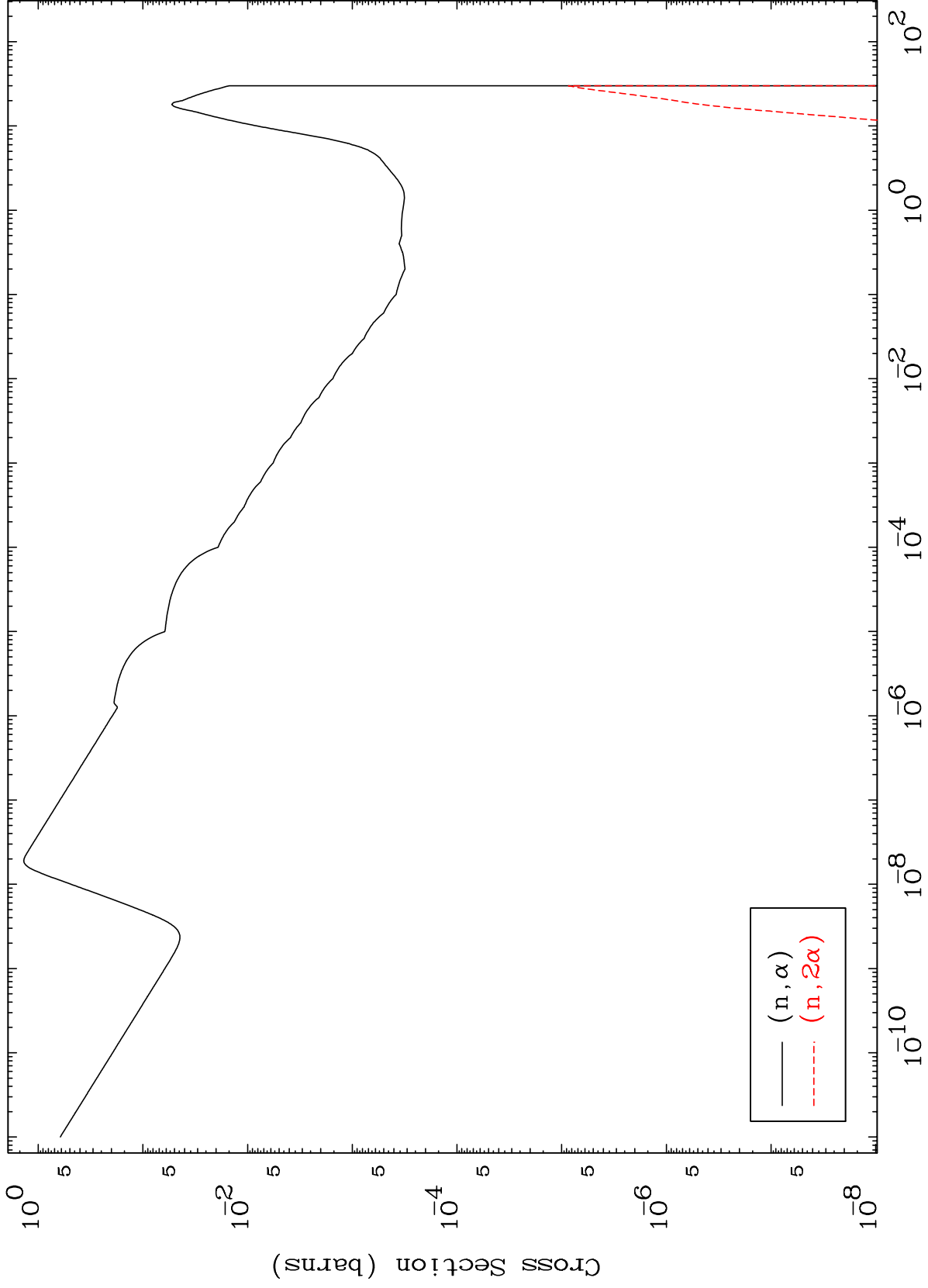
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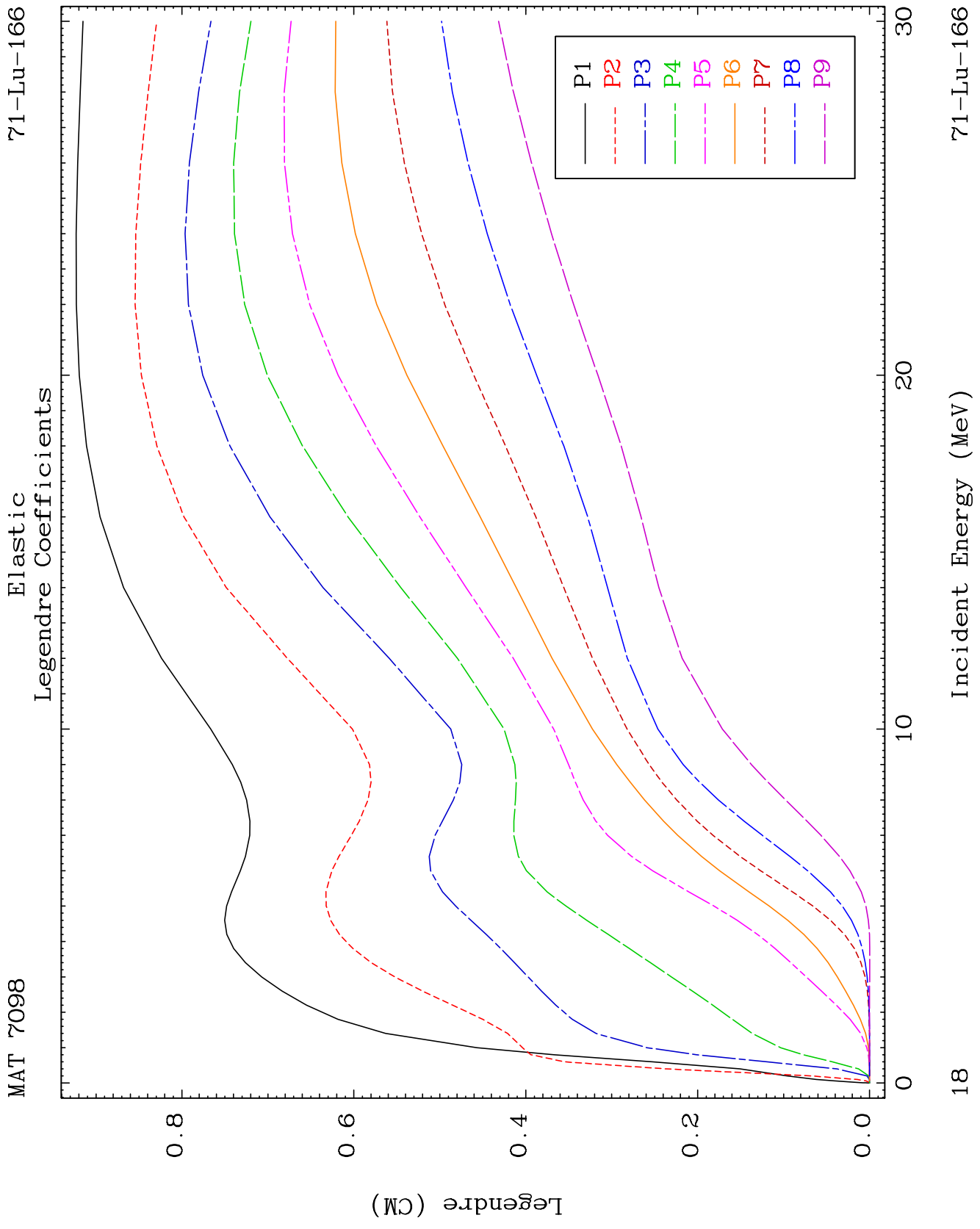
71-Lu-166

MAT 7098

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

71-Lu-166

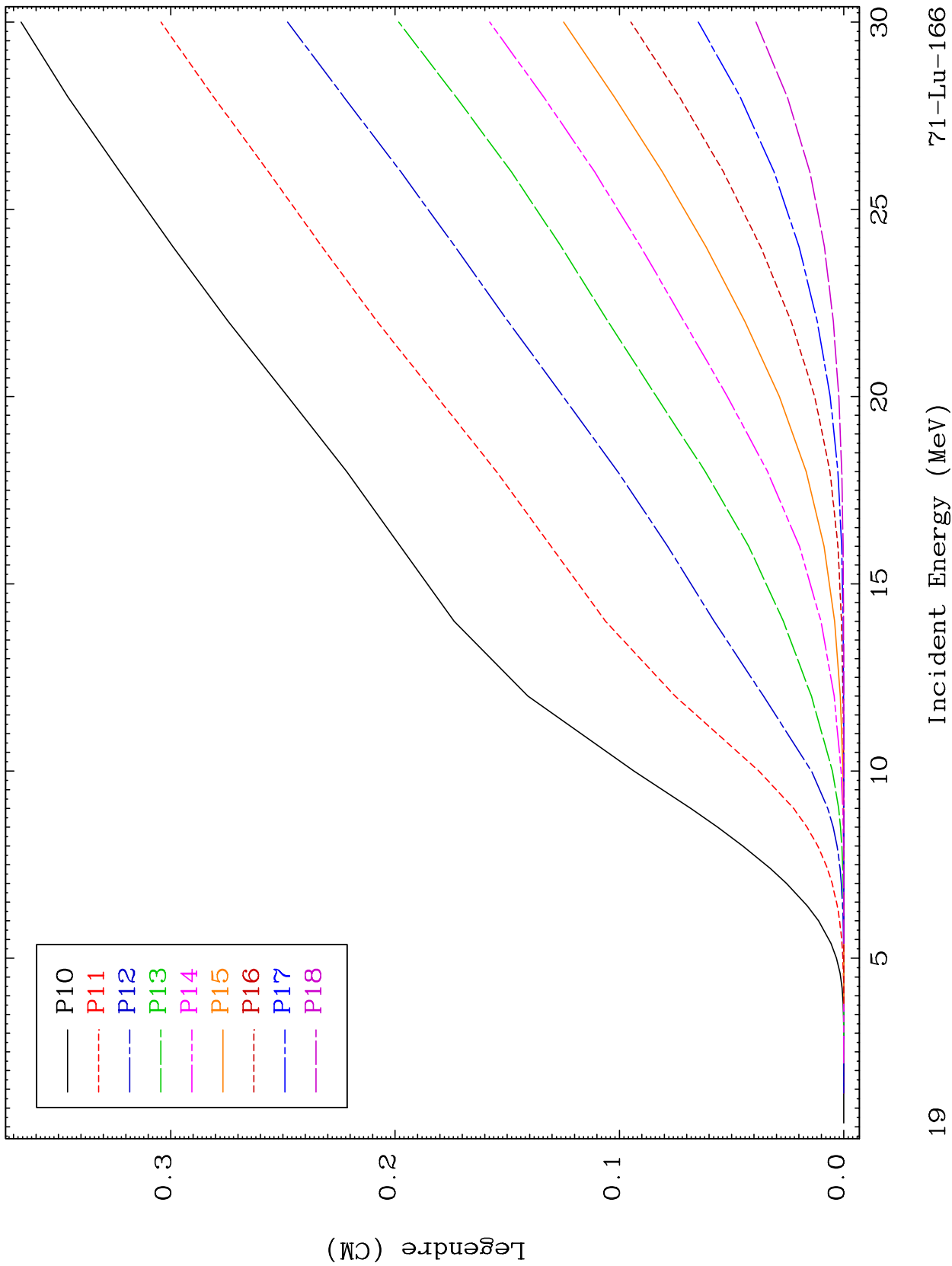




MAT 7098

Elastic Legendre Coefficients

<sup>71</sup>Lu-166

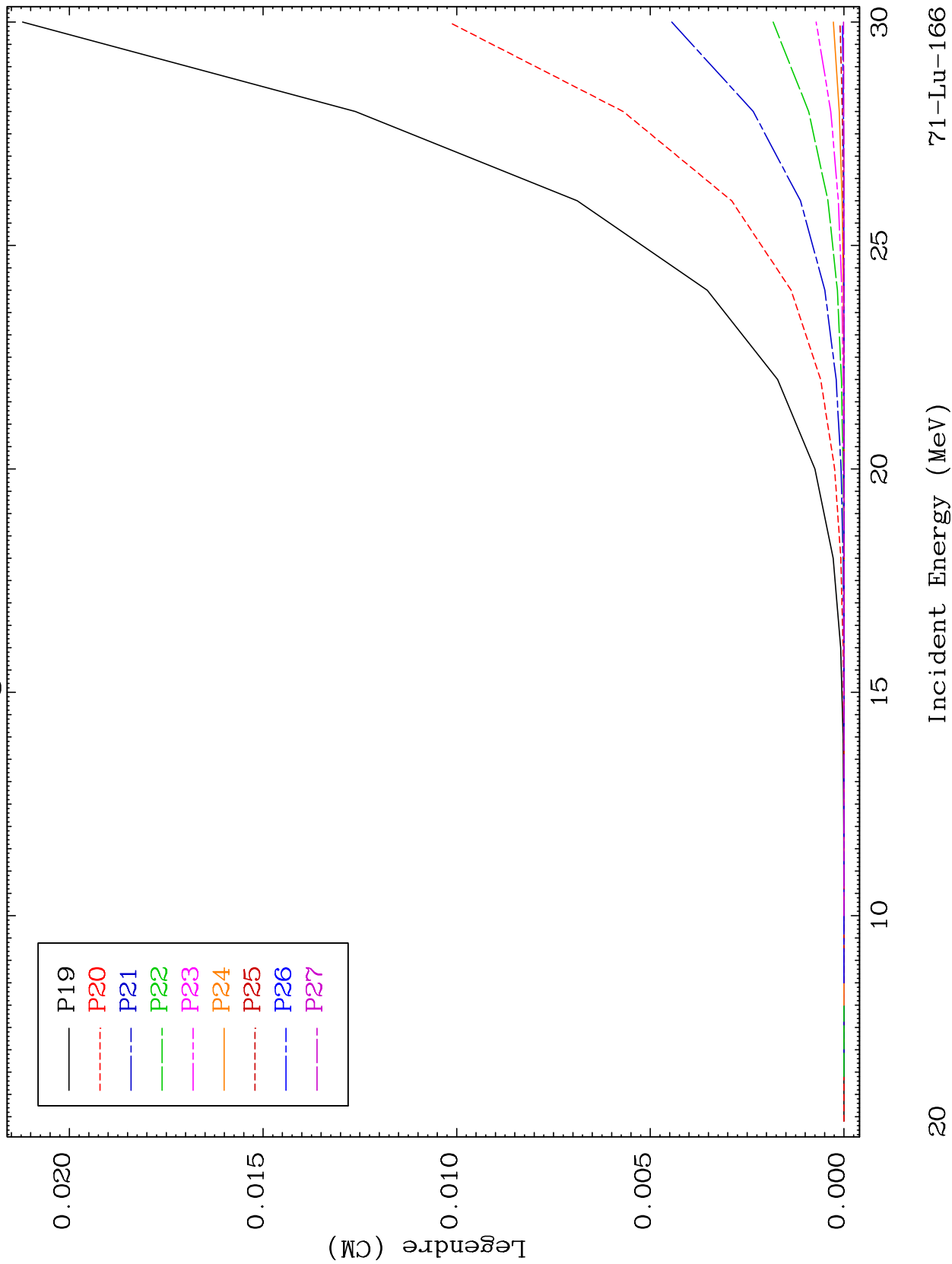


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MAT 7098

### Elastic Legendre Coefficients

<sup>71</sup>Lu-166



20

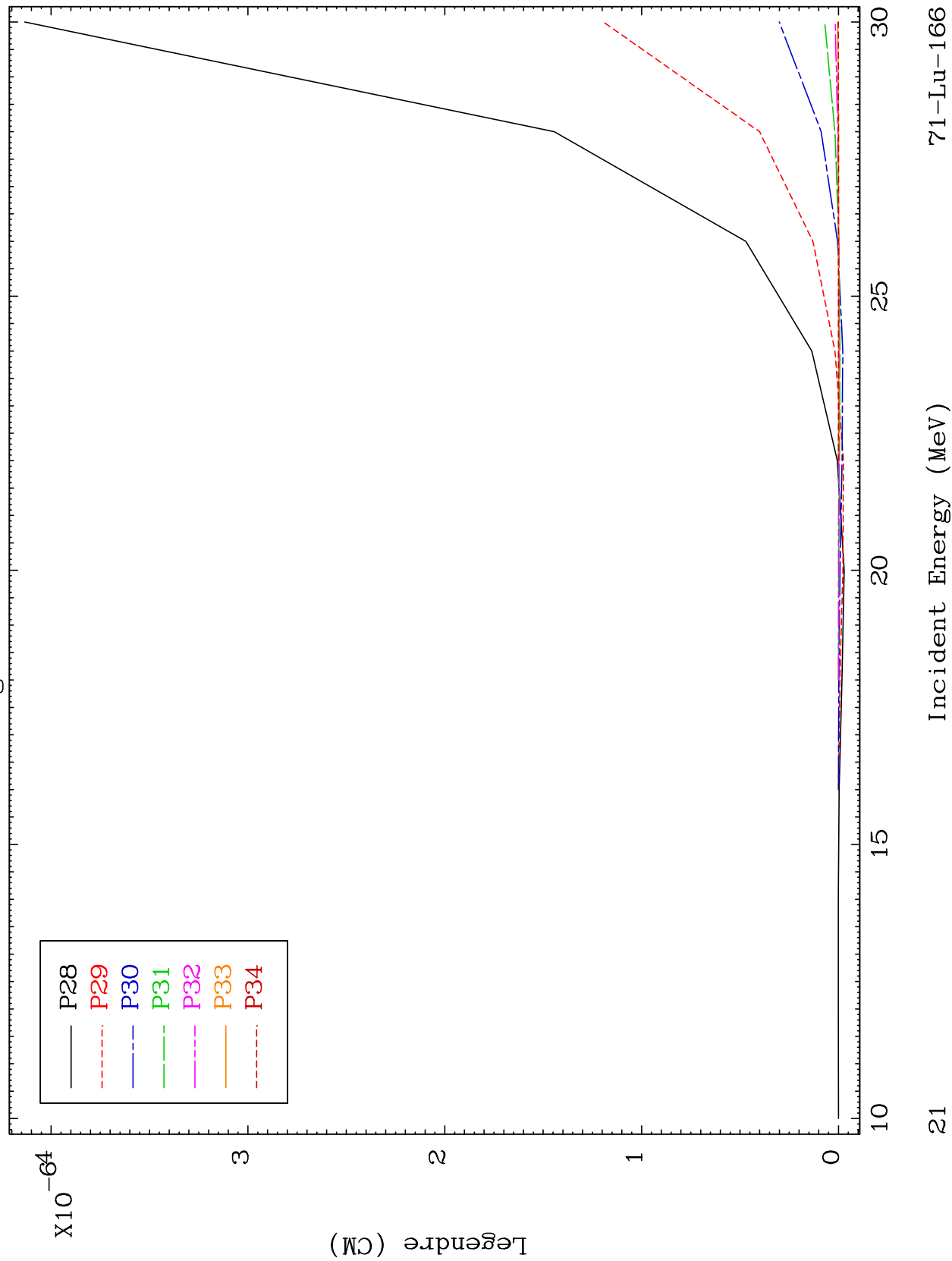
Incident Energy (MeV)

<sup>71</sup>Lu-166

MAT 7098

Elastic Legendre Coefficients

<sup>71</sup>Lu-166



21

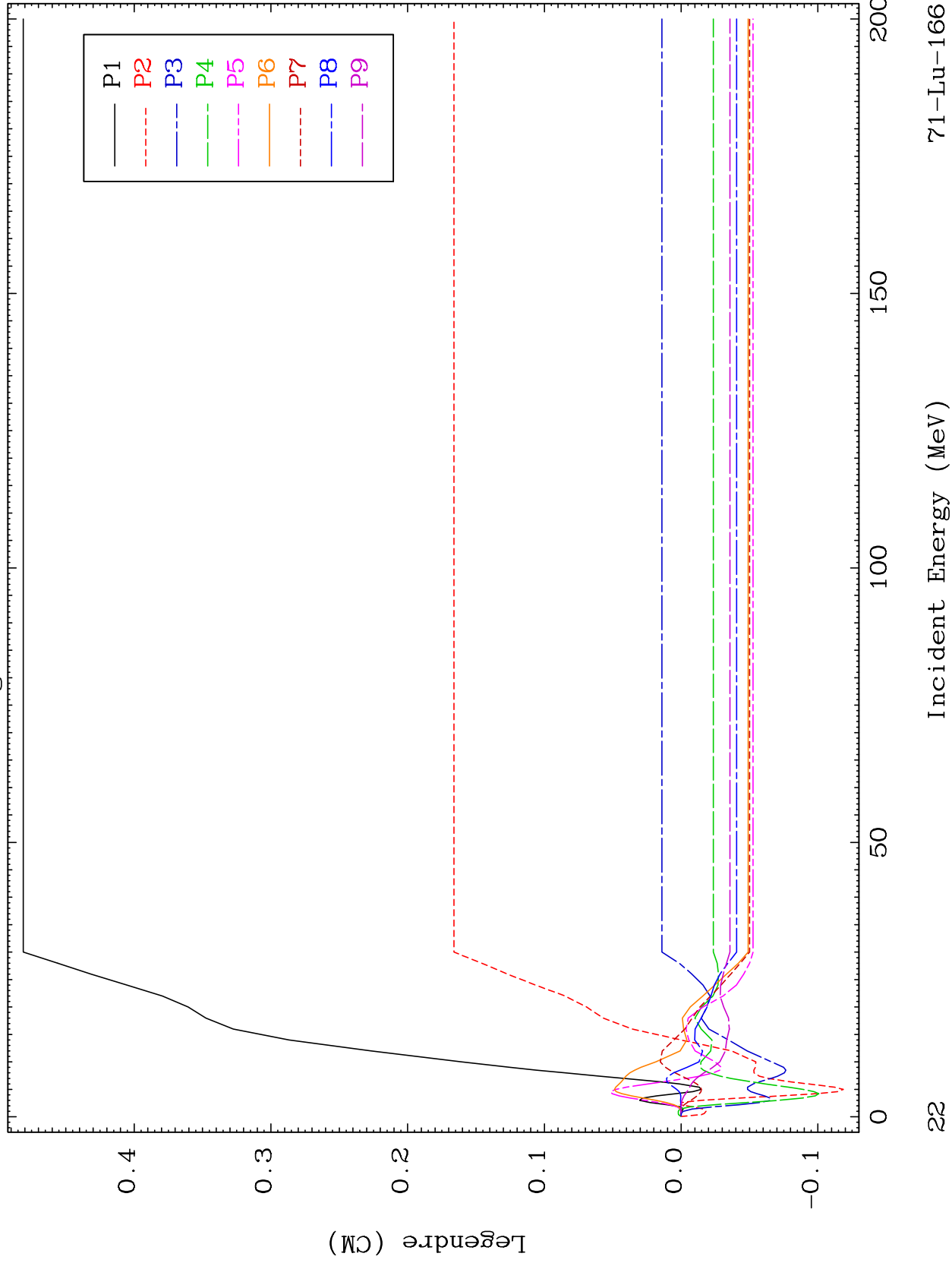
Incident Energy (MeV)

<sup>71</sup>Lu-166

MAT 7098

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

71-Lu-166



71-Lu-166

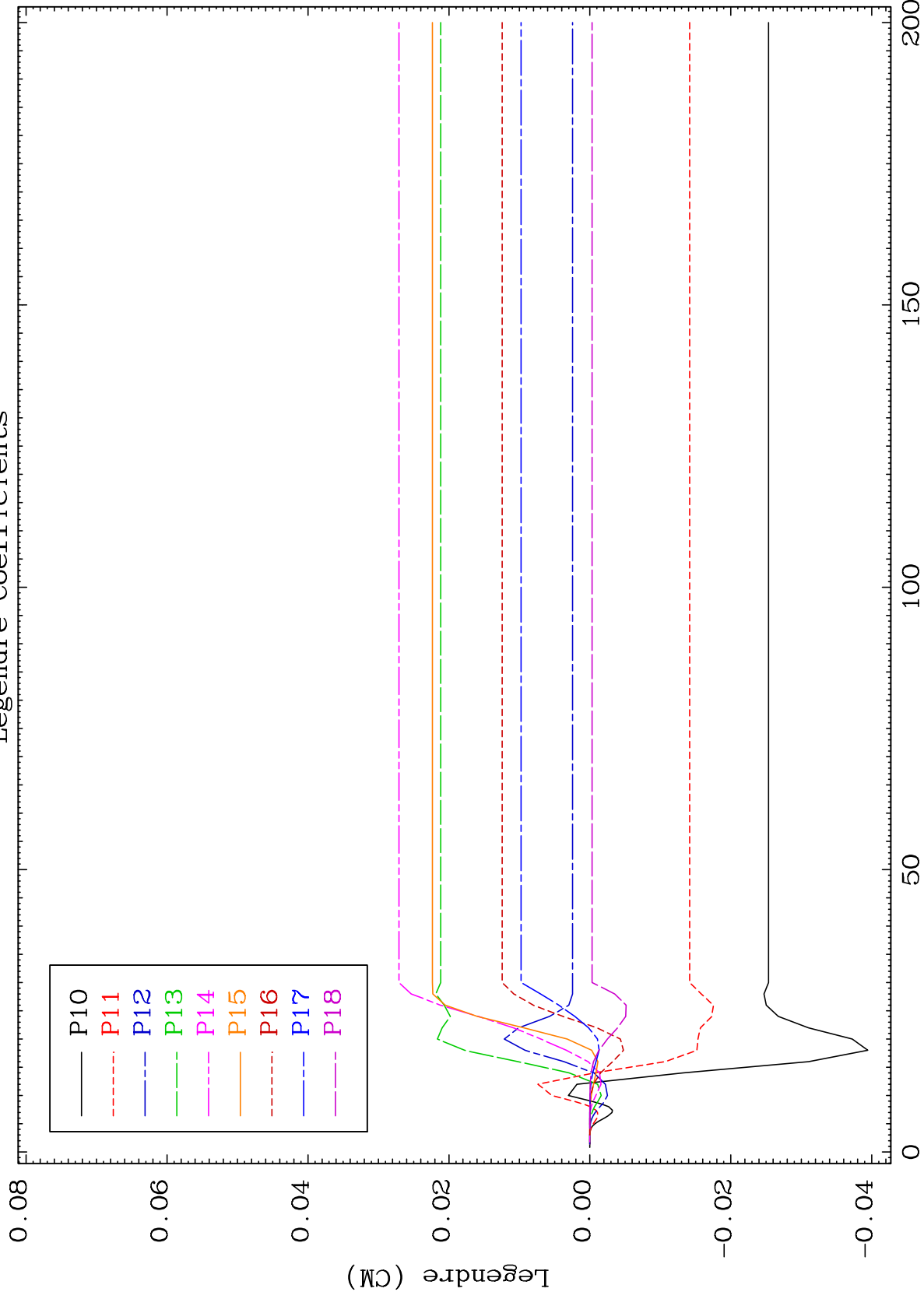
Incident Energy (MeV)

22

MAT 7098

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

71-Lu-166



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Incident Energy (MeV)

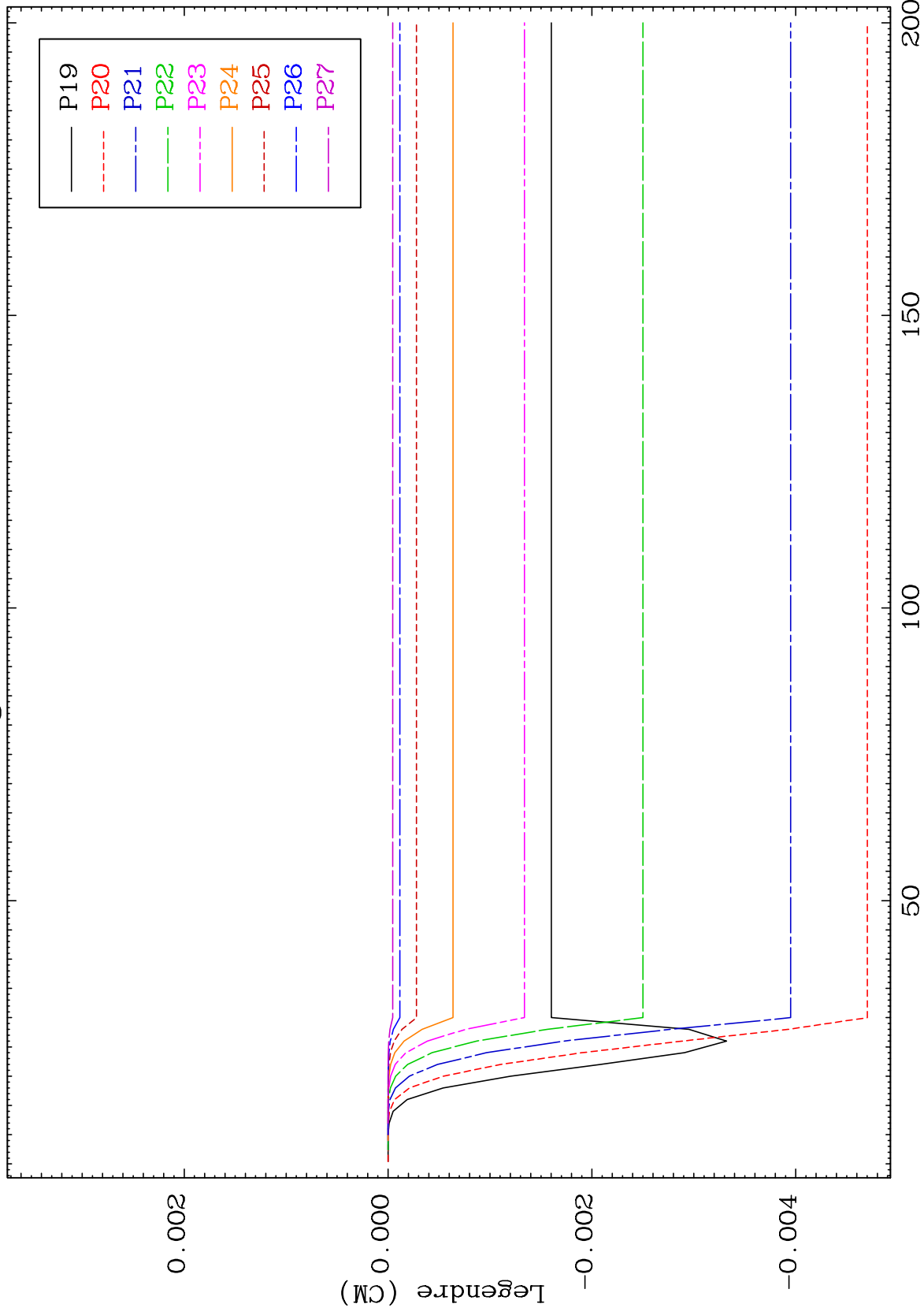
71-Lu-166



MAT 7098

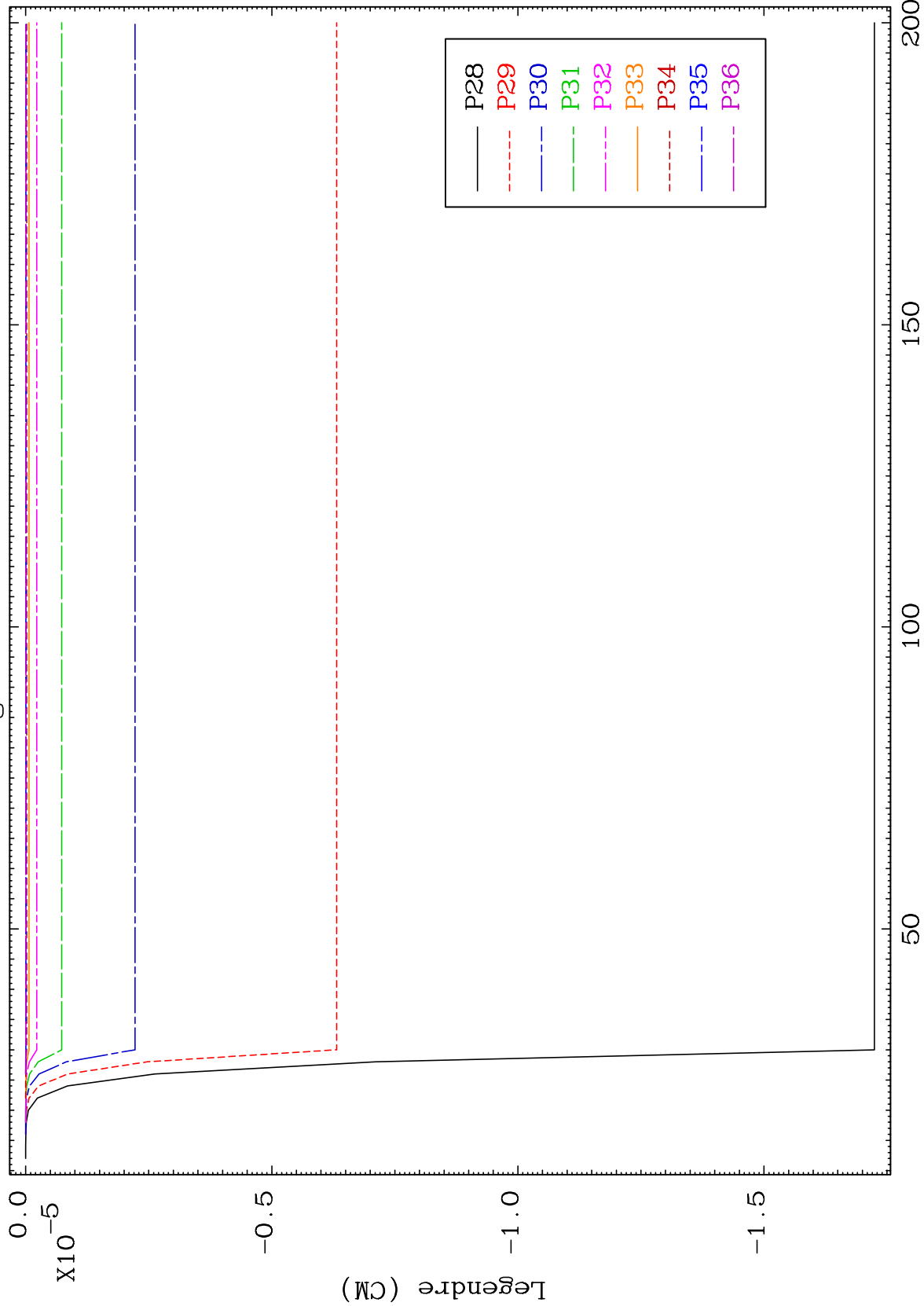
MT= 51 (n,n') Level  
Legendre Coefficients

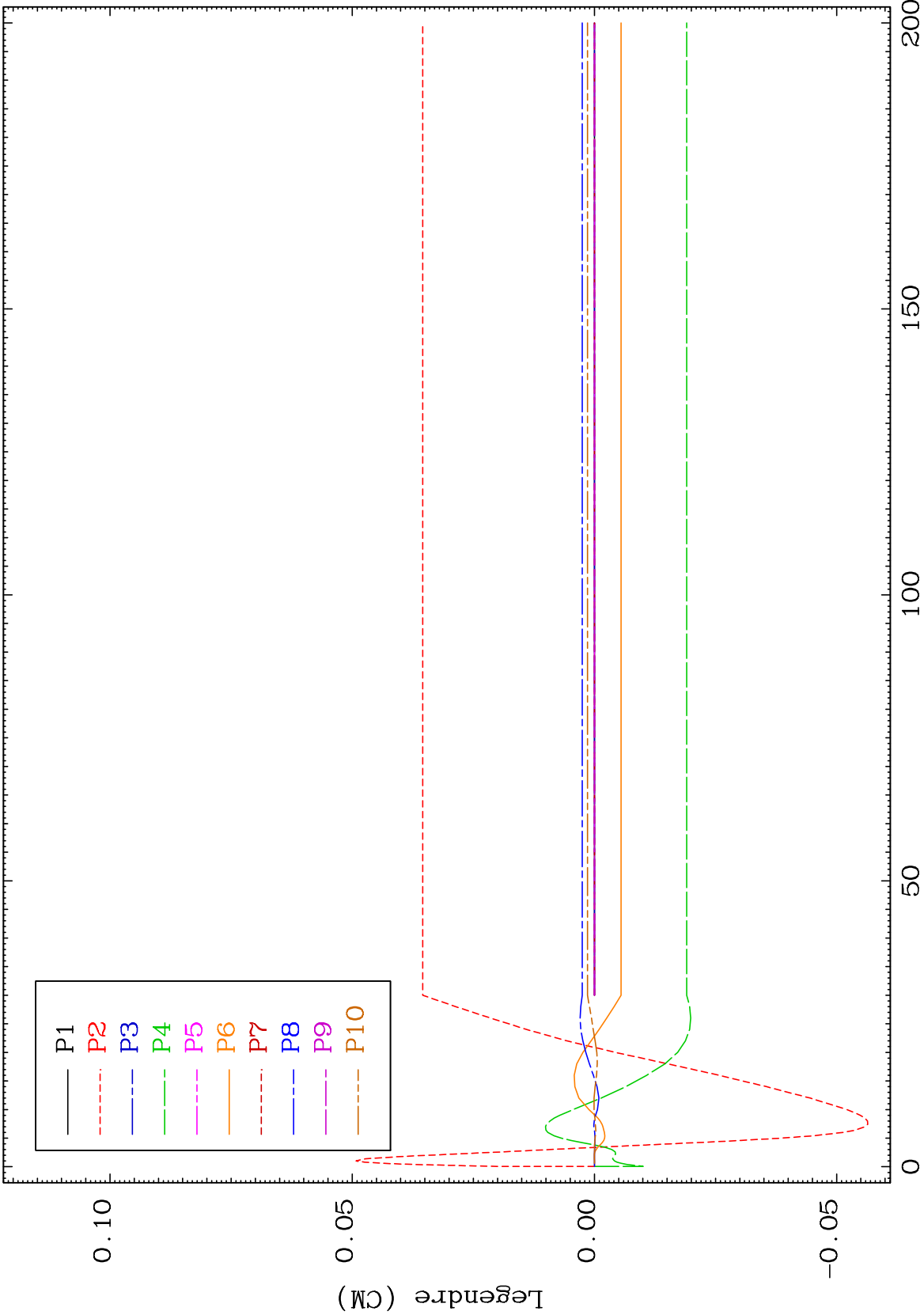
71-Lu-166



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71-Lu-166

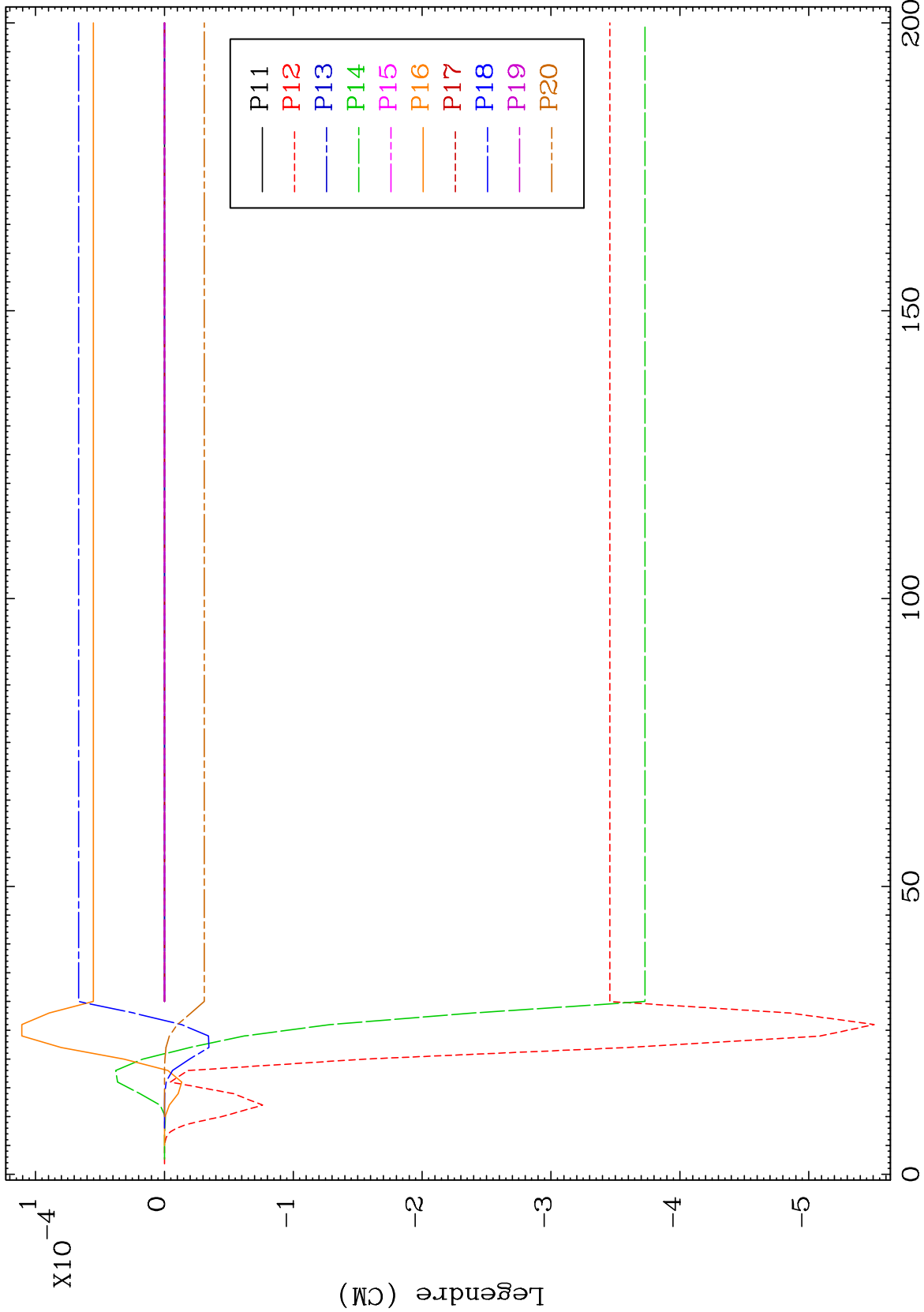




MAT 7098

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

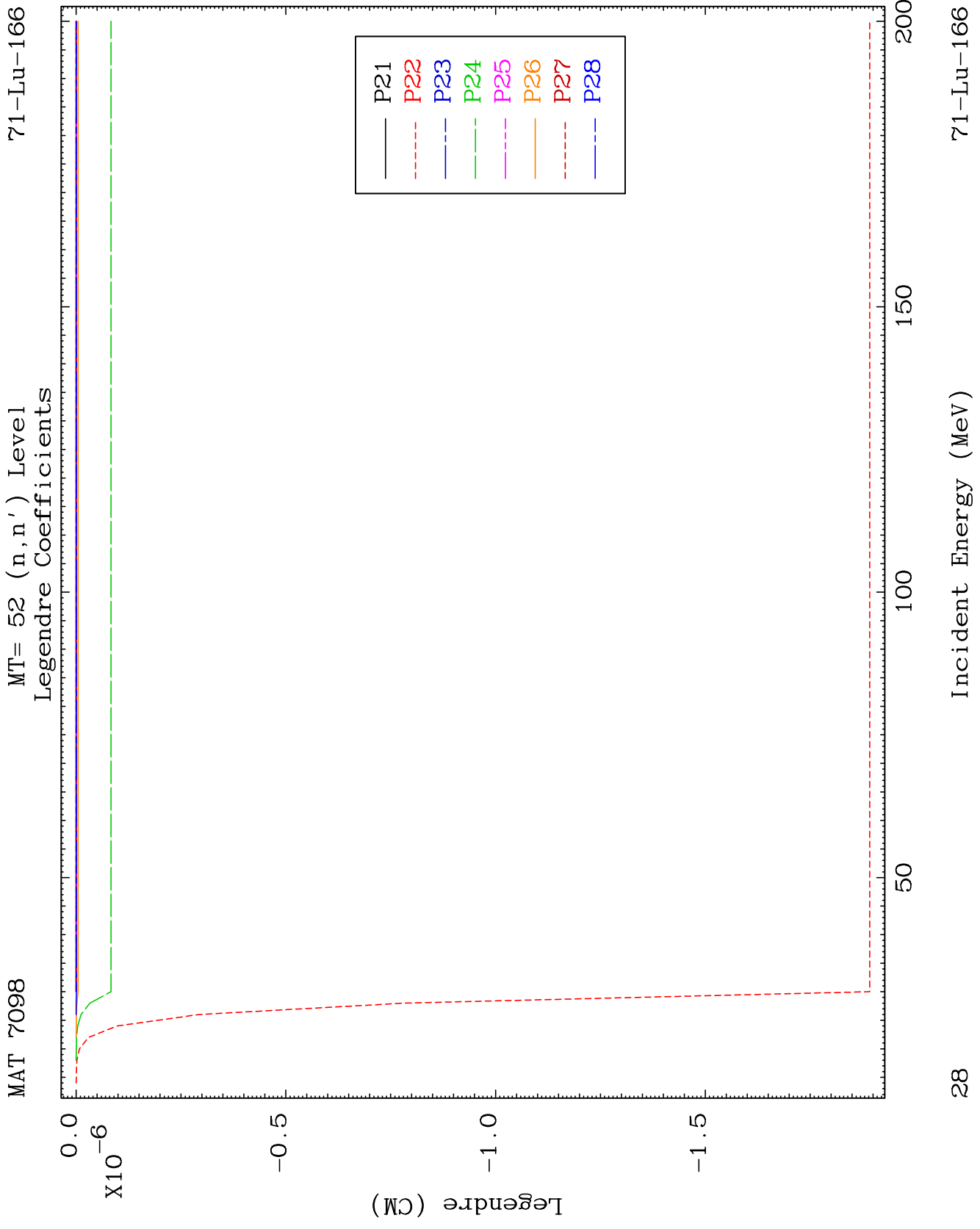
71-Lu-166



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Incident Energy (MeV)

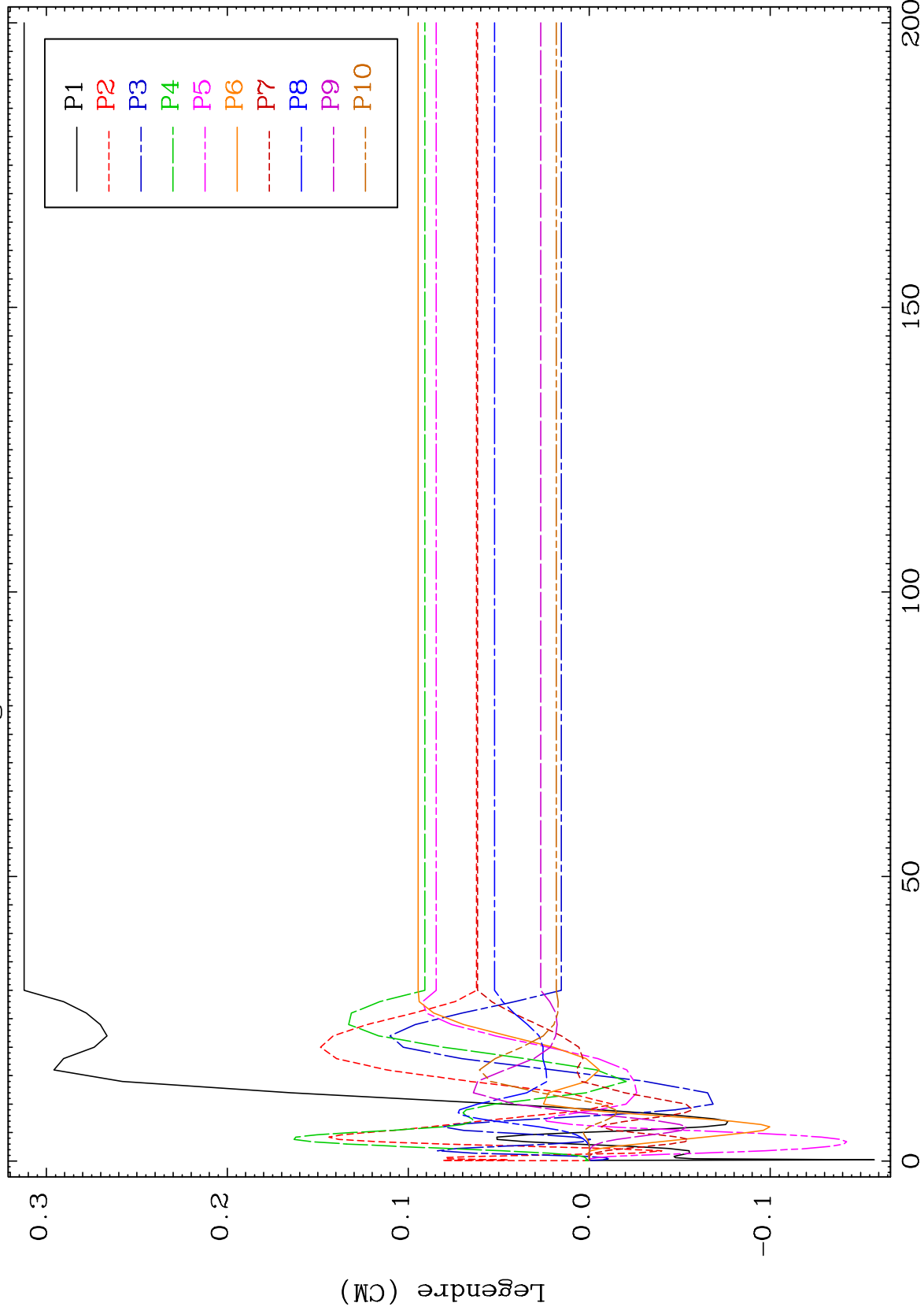
71-Lu-166



MAT 7098

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

71-Lu-166



29

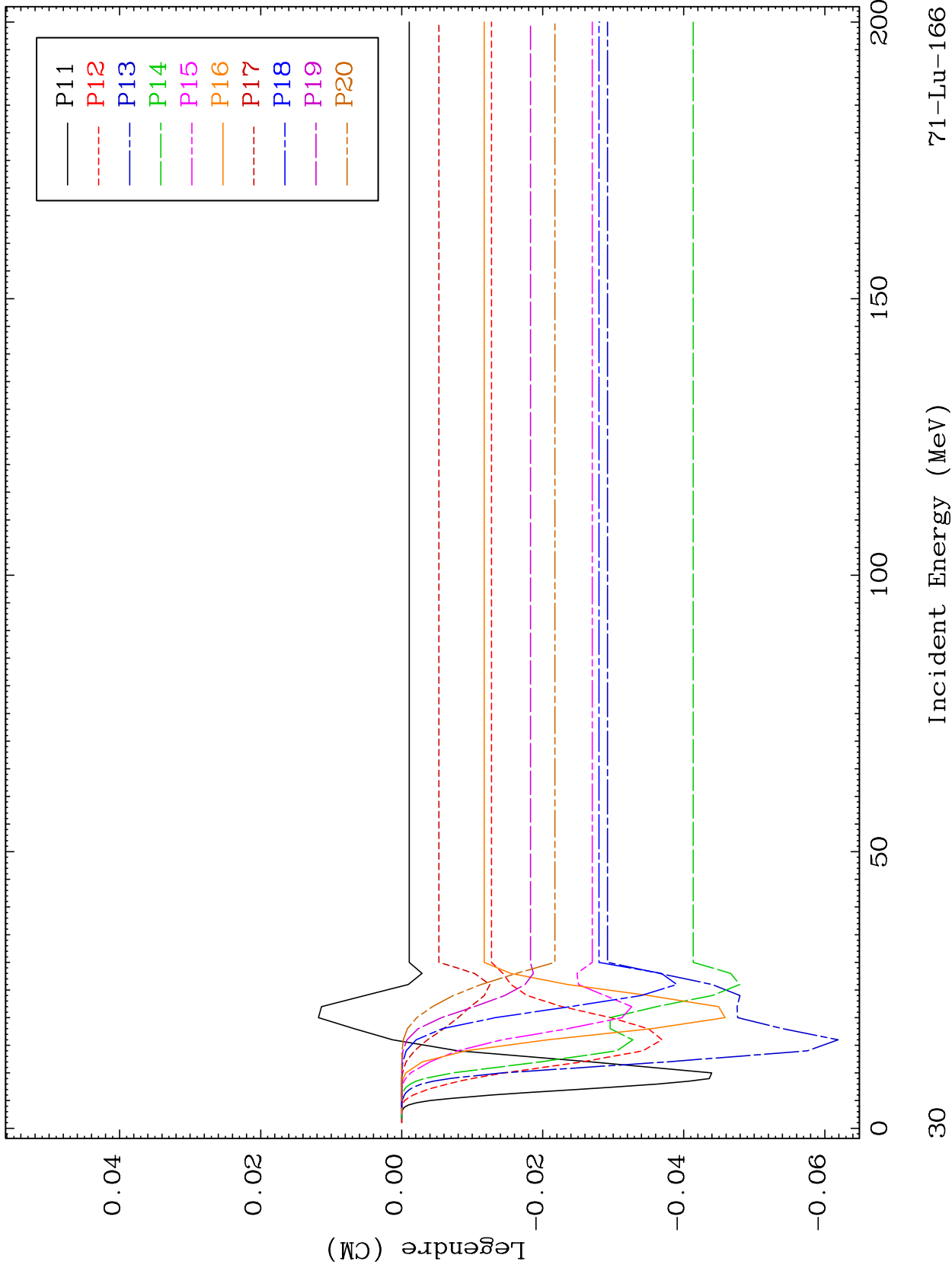
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

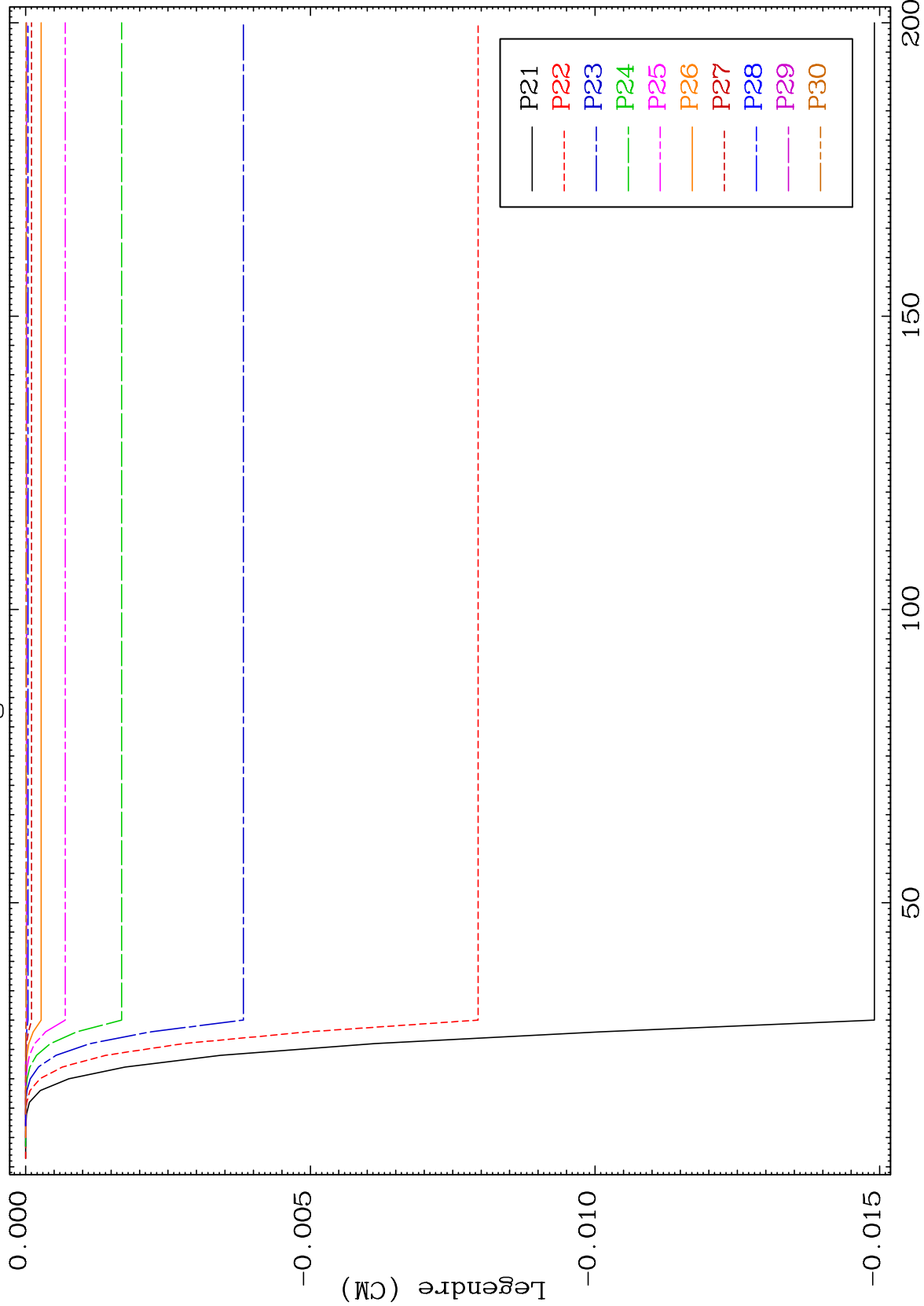
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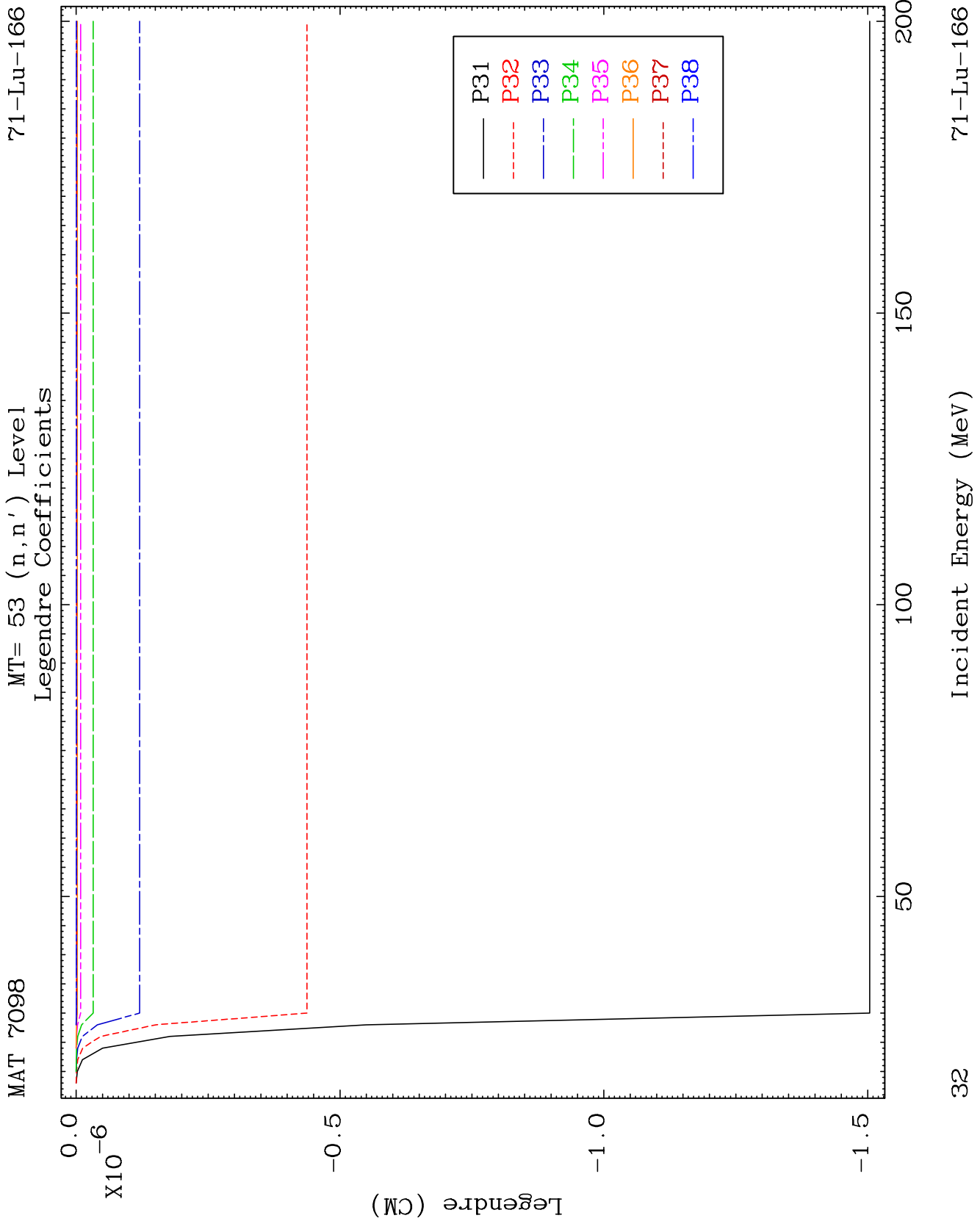
71-Lu-166

Incident Energy (MeV)

30



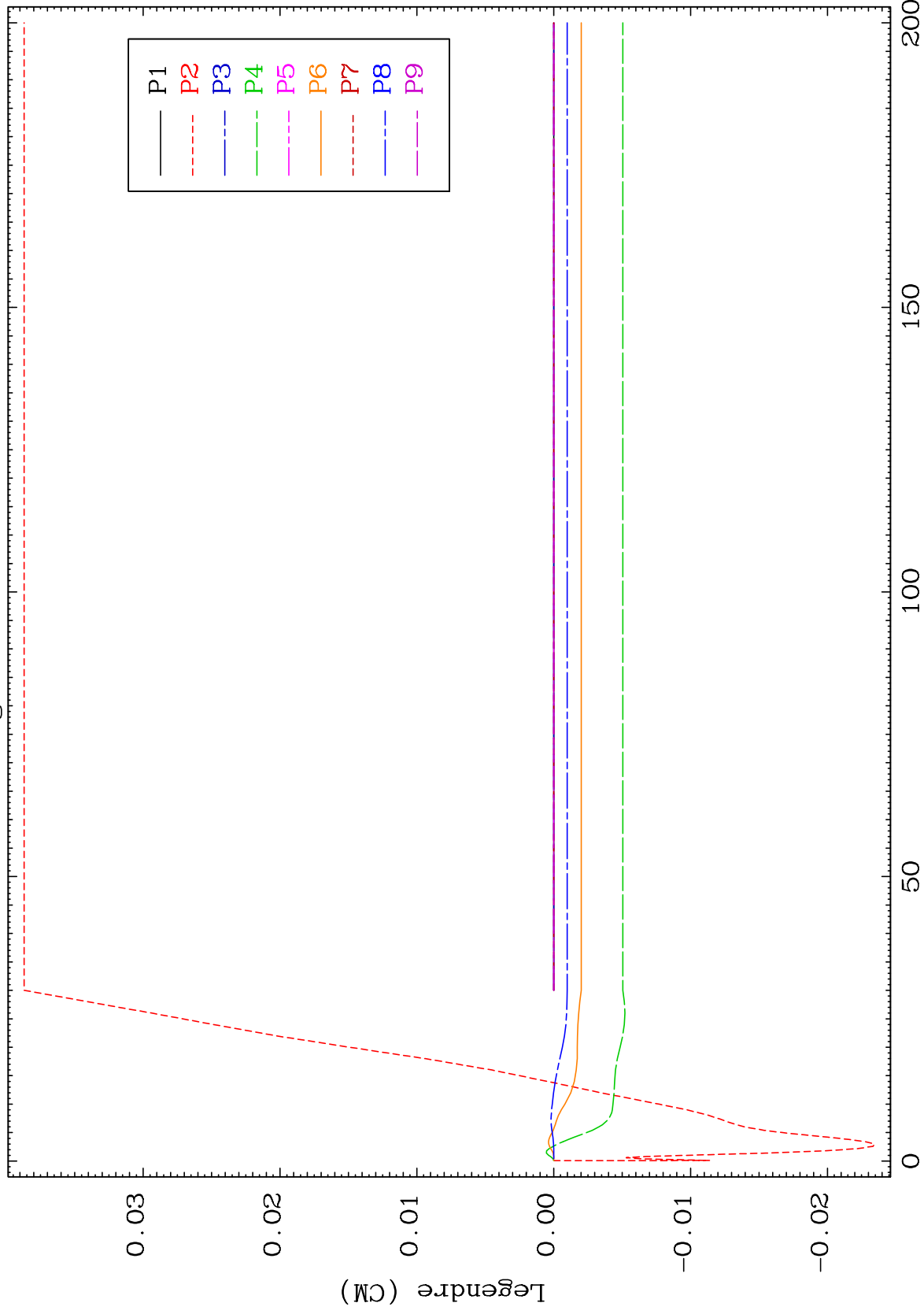




MAT 7098

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

71-Lu-166



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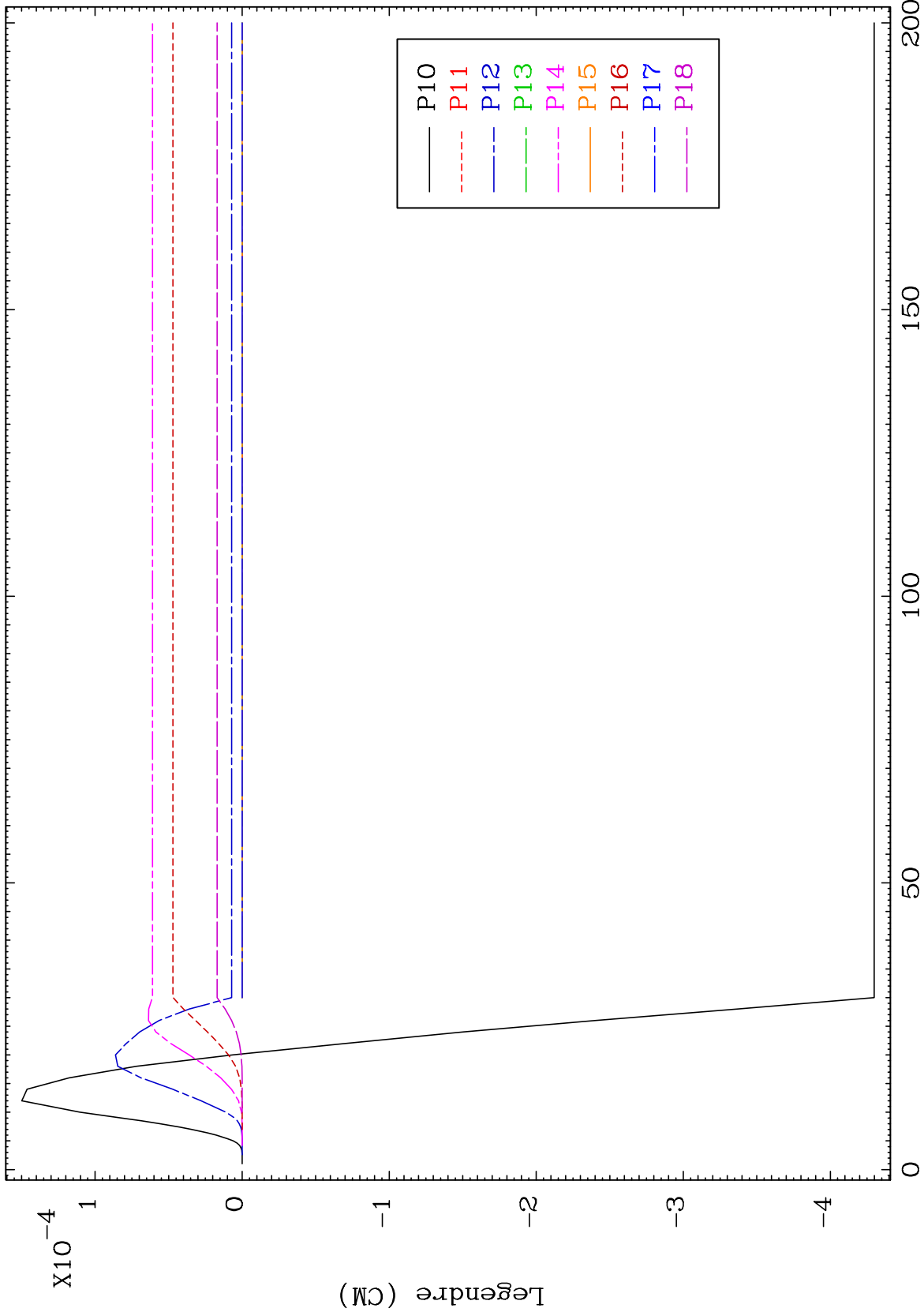
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

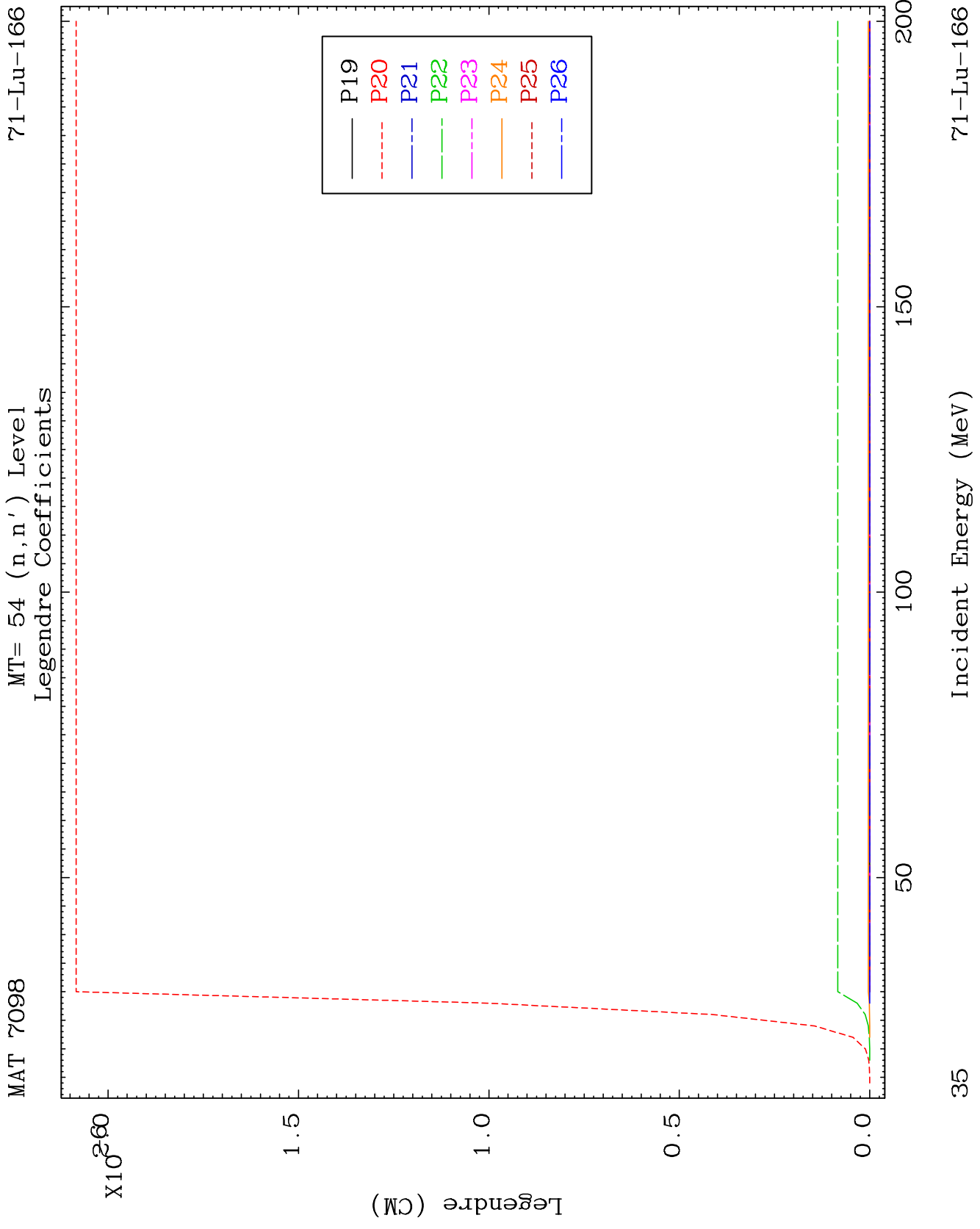
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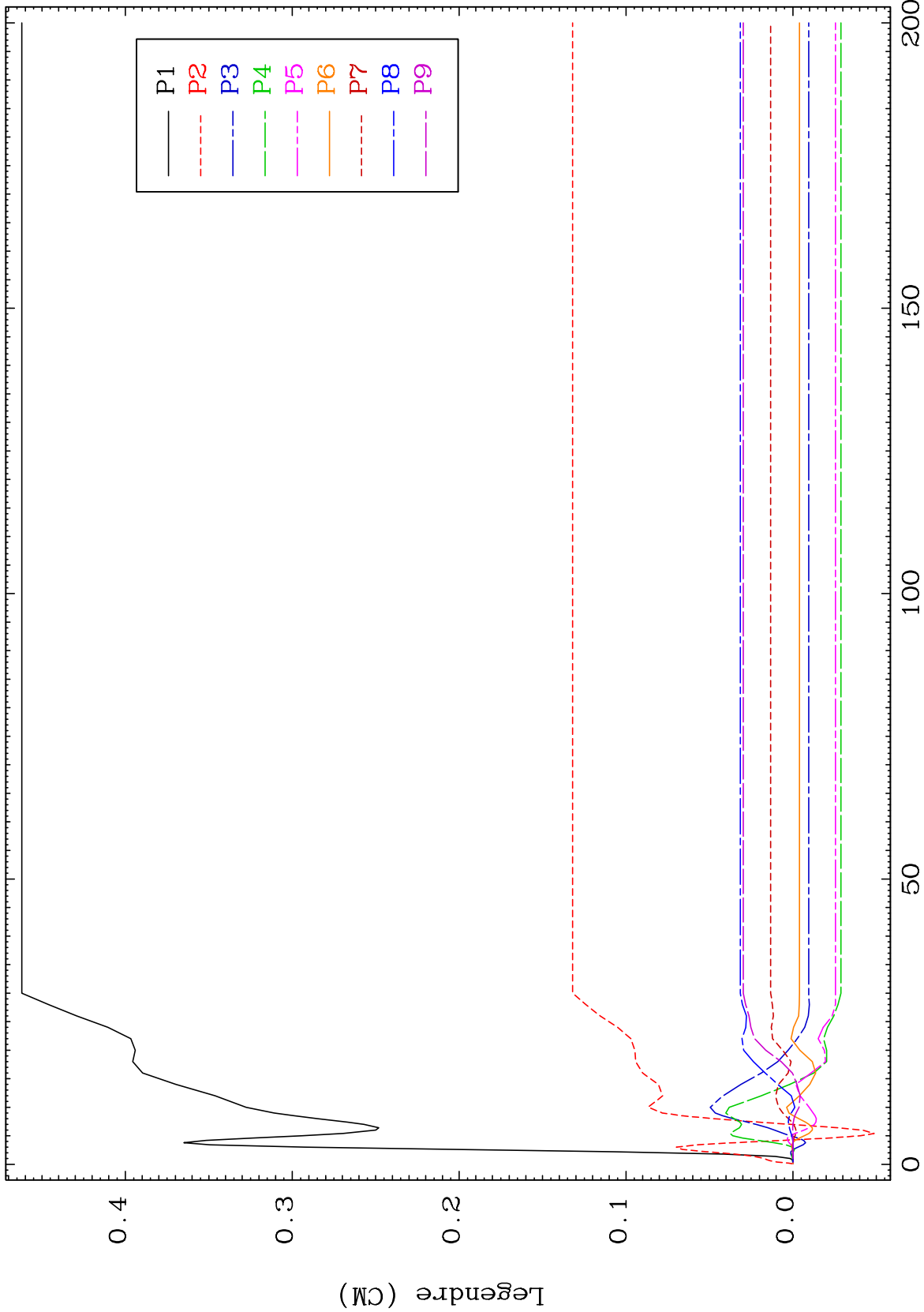


34

Incident Energy (MeV)

71-Lu-166

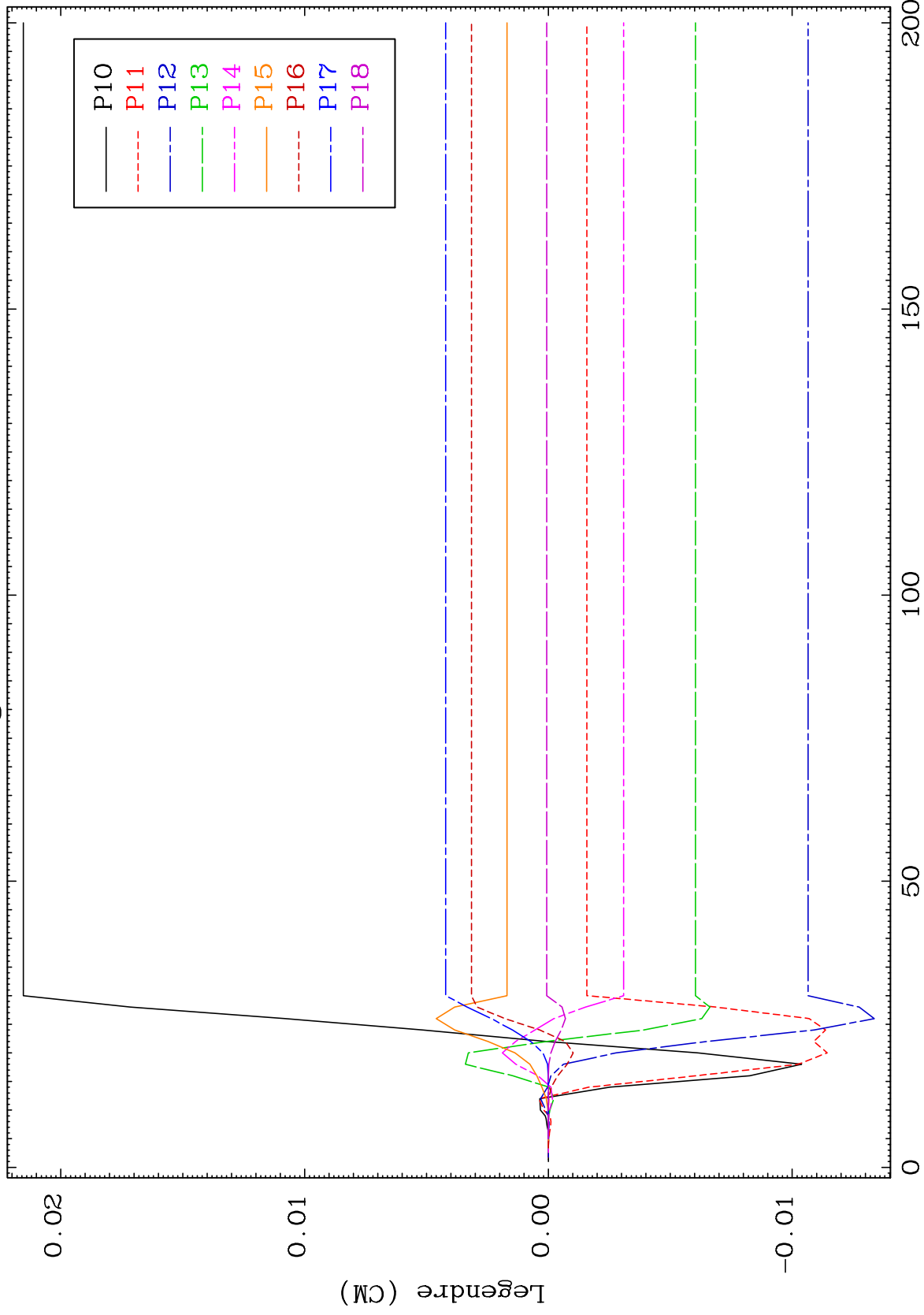




MAT 7098

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

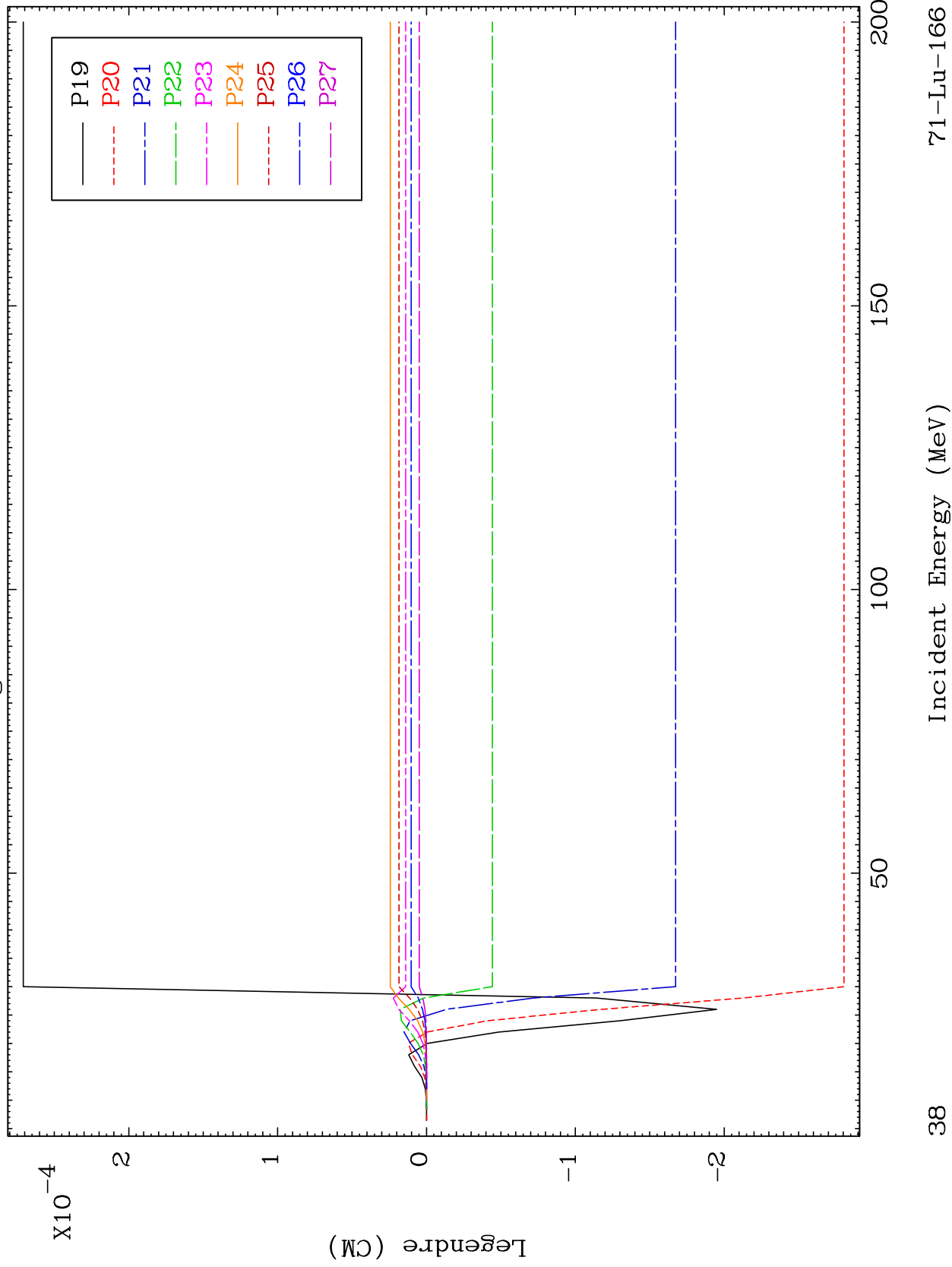
71-Lu-166



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Incident Energy (MeV)

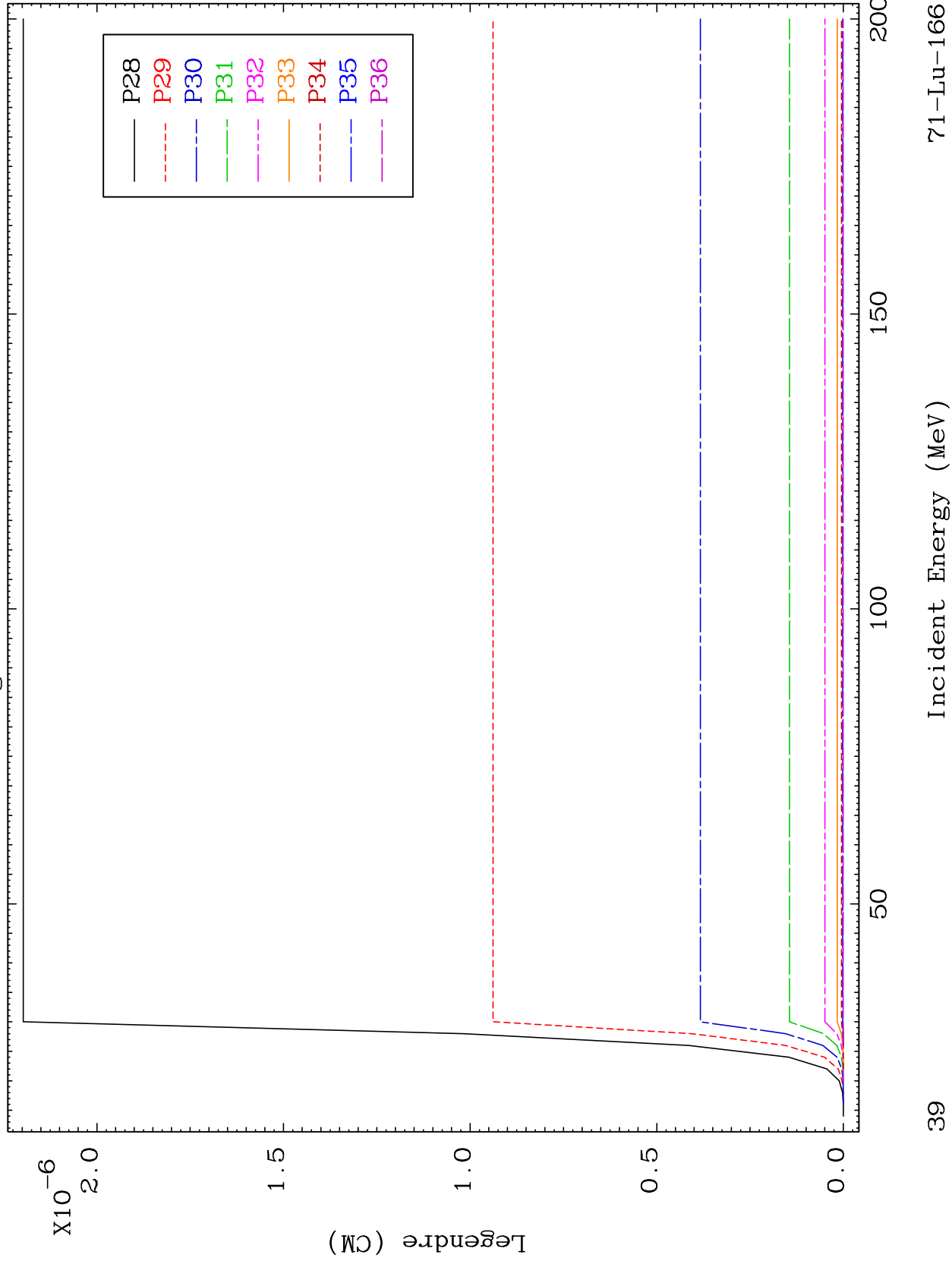
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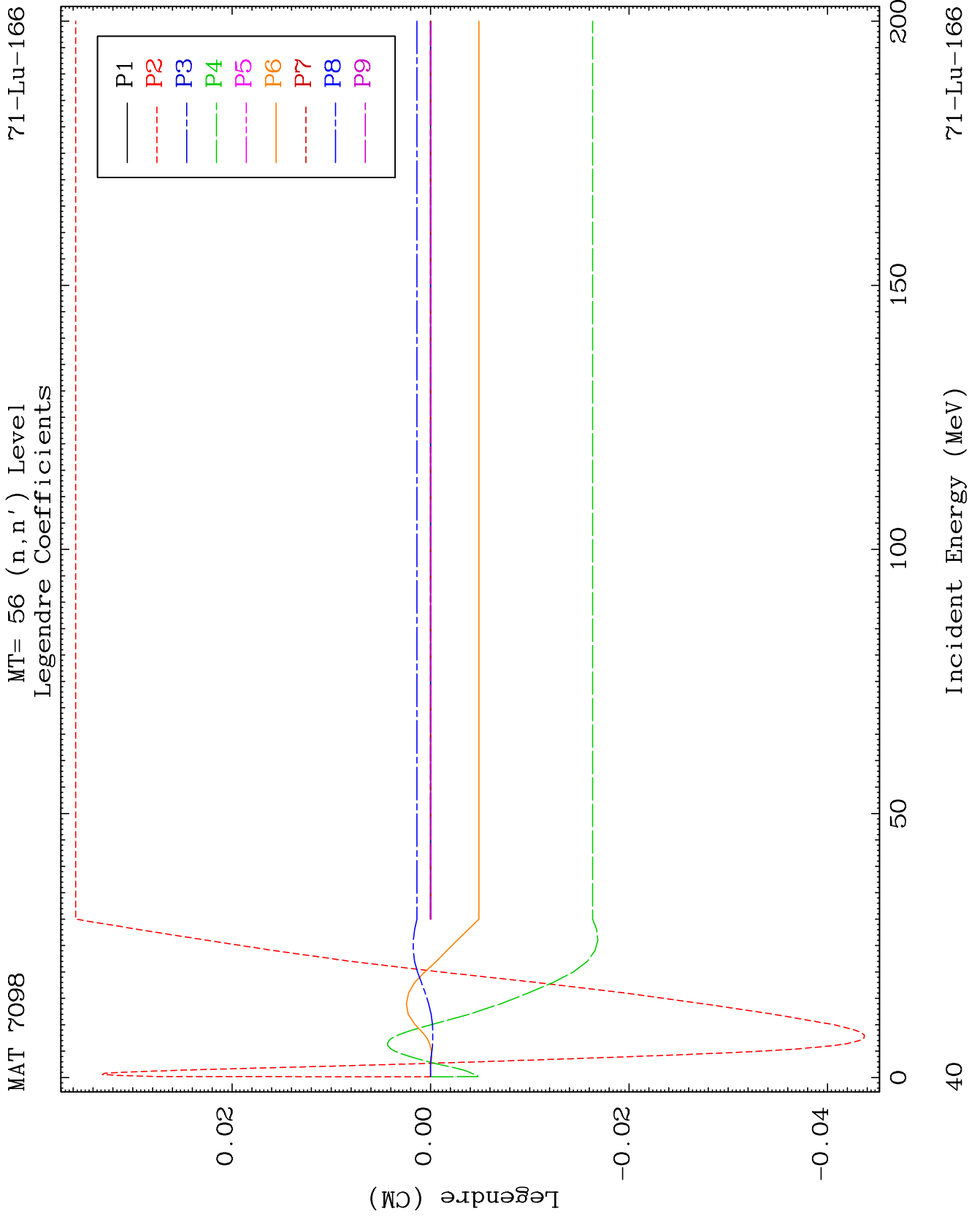
MAT 7098

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

71-Lu-166



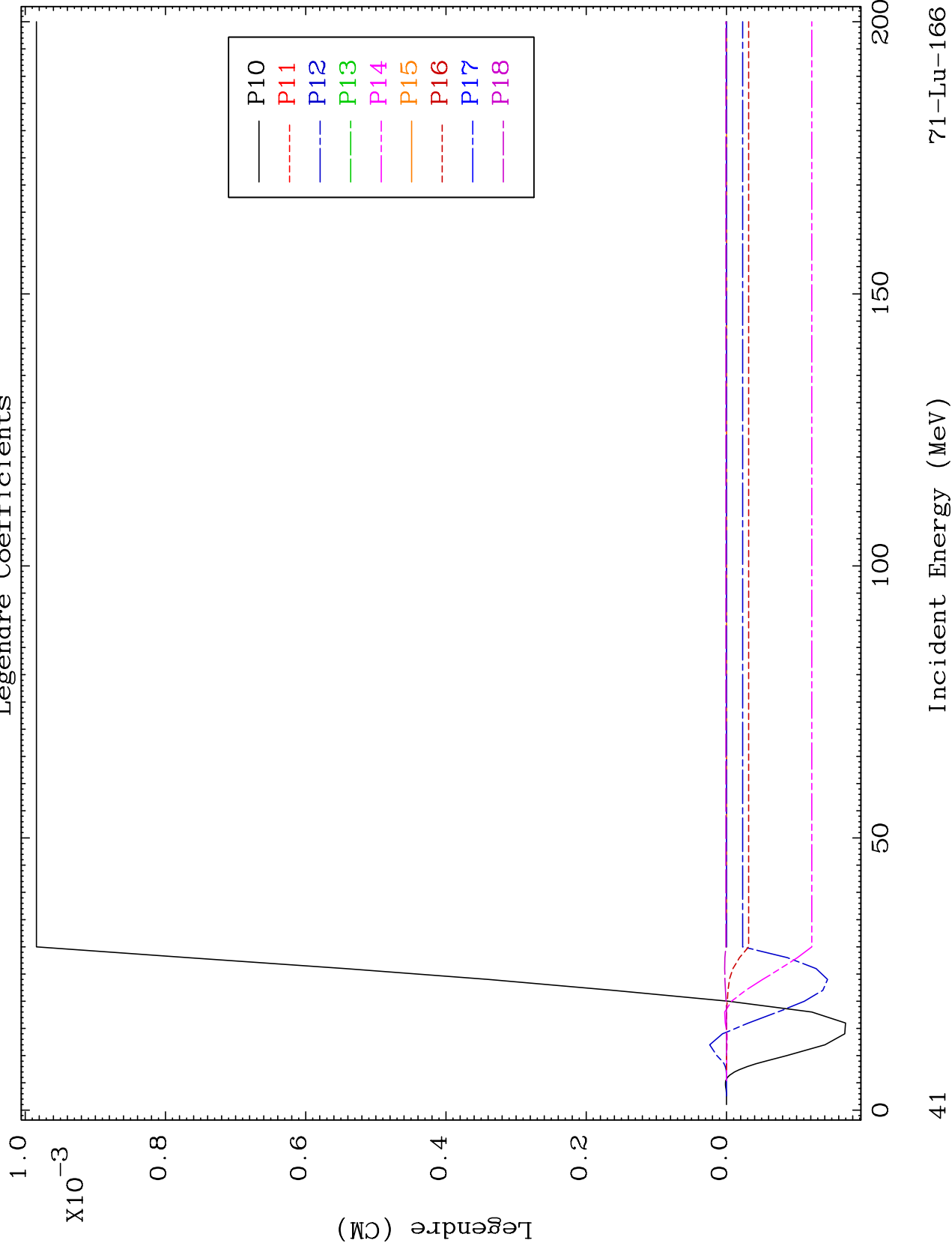


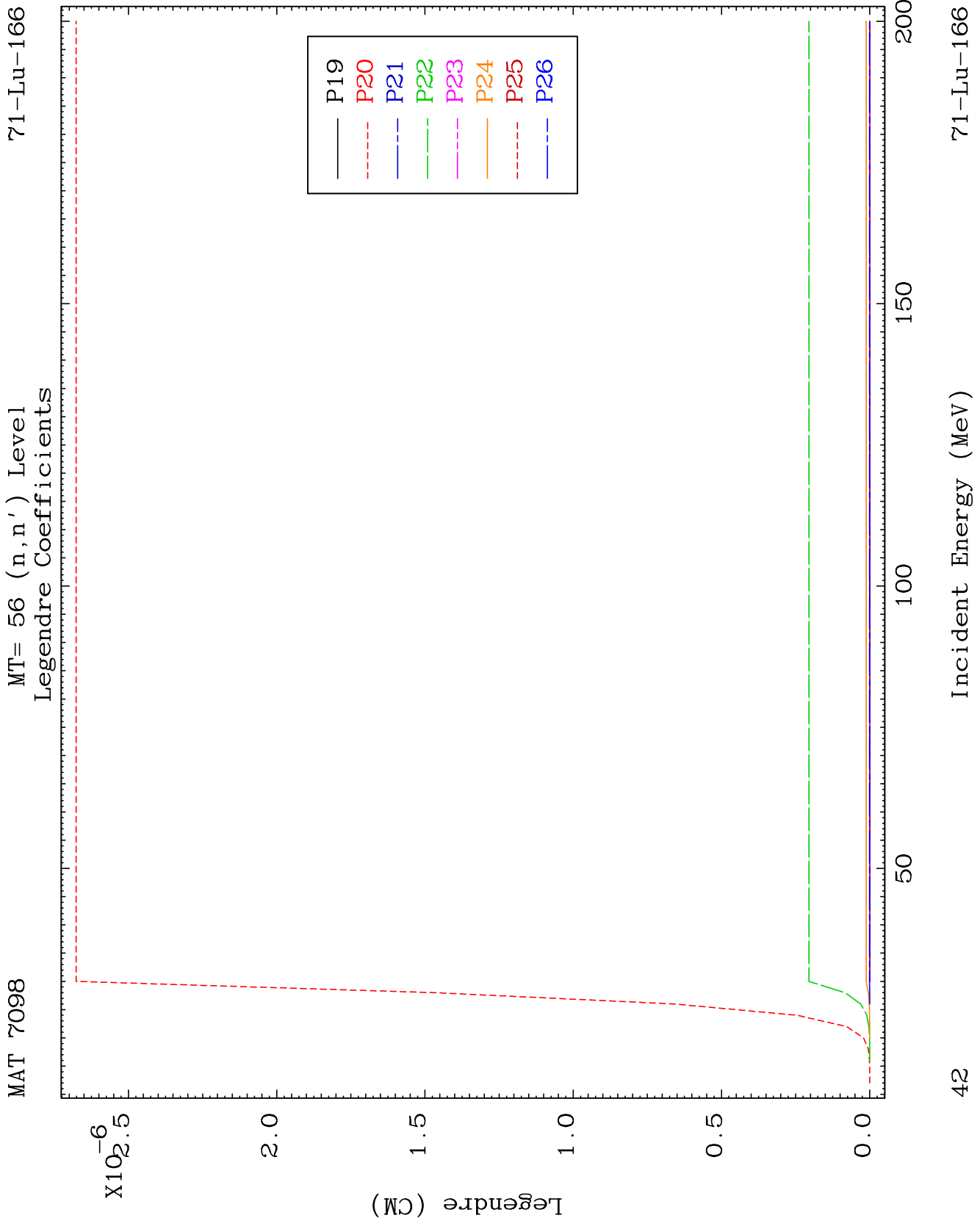


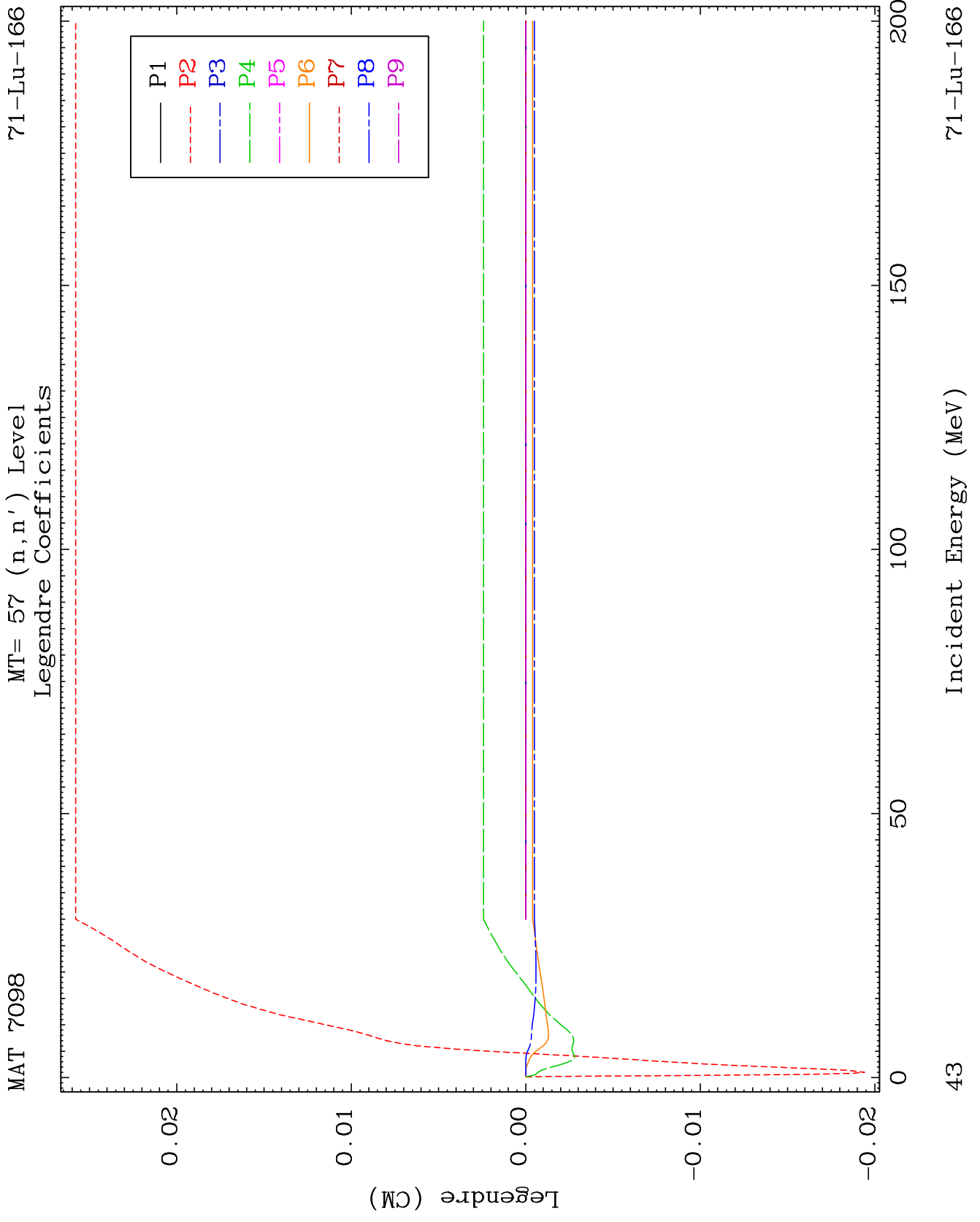
MAT 7098

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

71-Lu-166



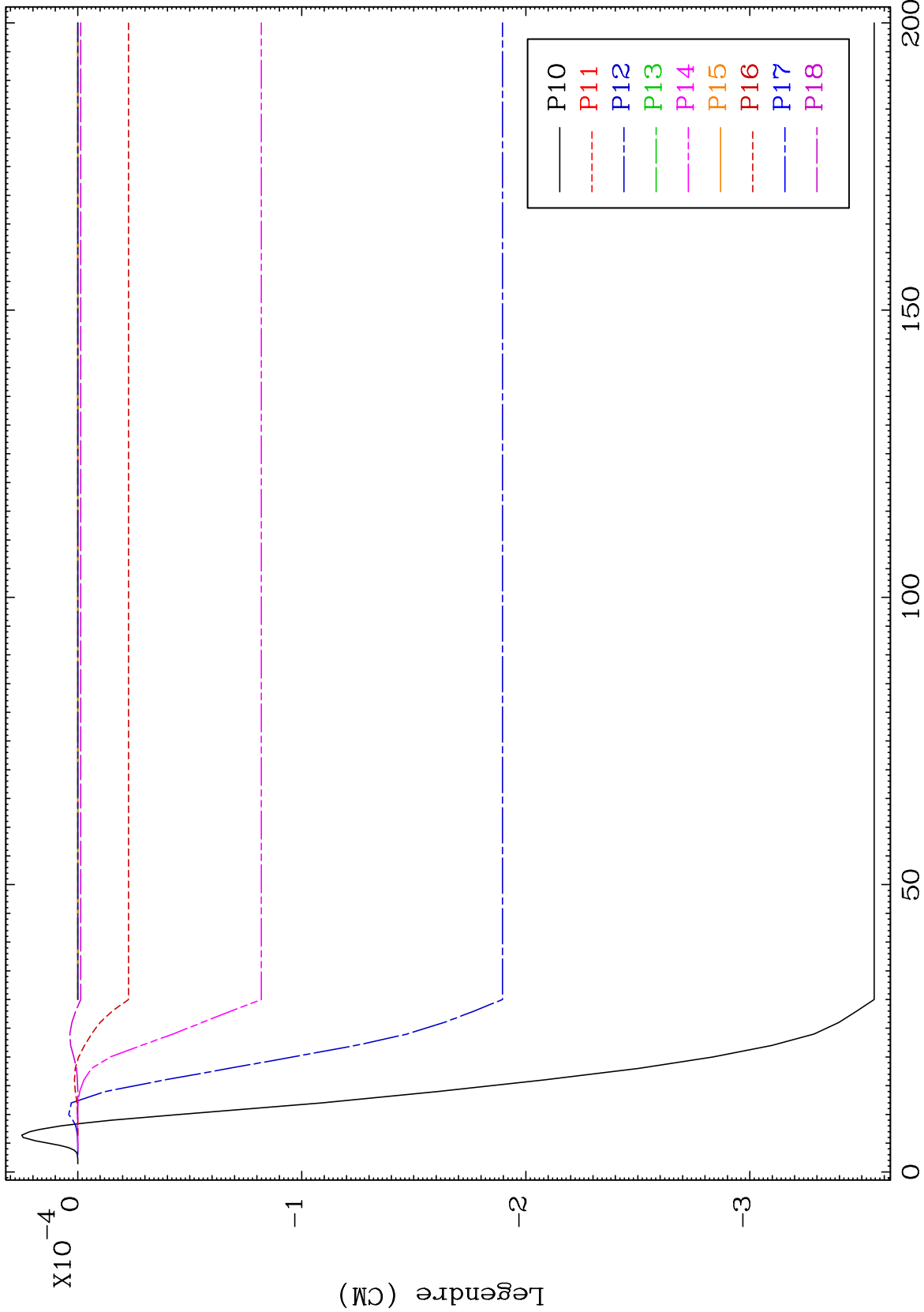




MAT 7098

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

71-Lu-166



44

Incident Energy (MeV)

71-Lu-166

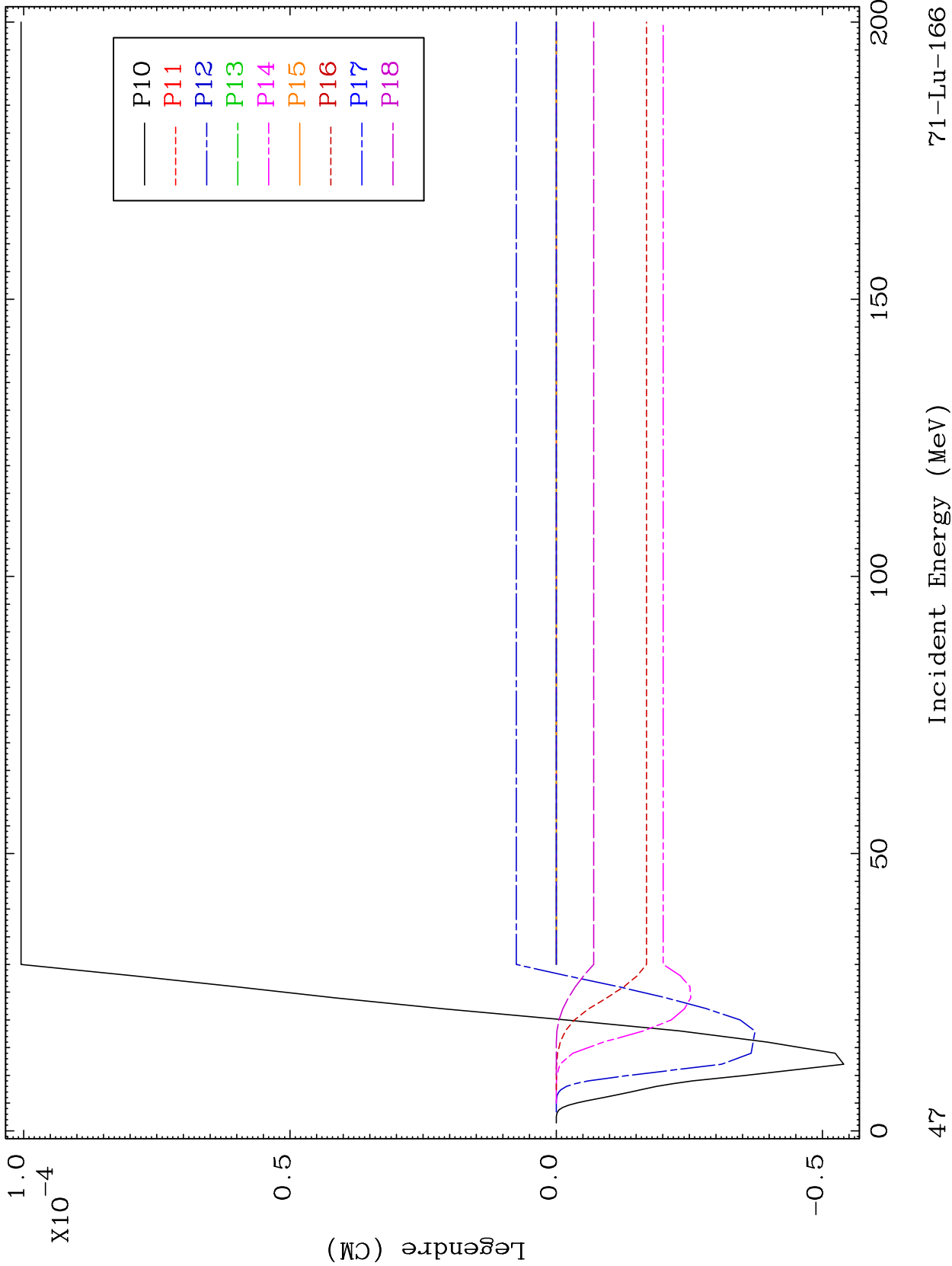




MAT 7098

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

71-Lu-166

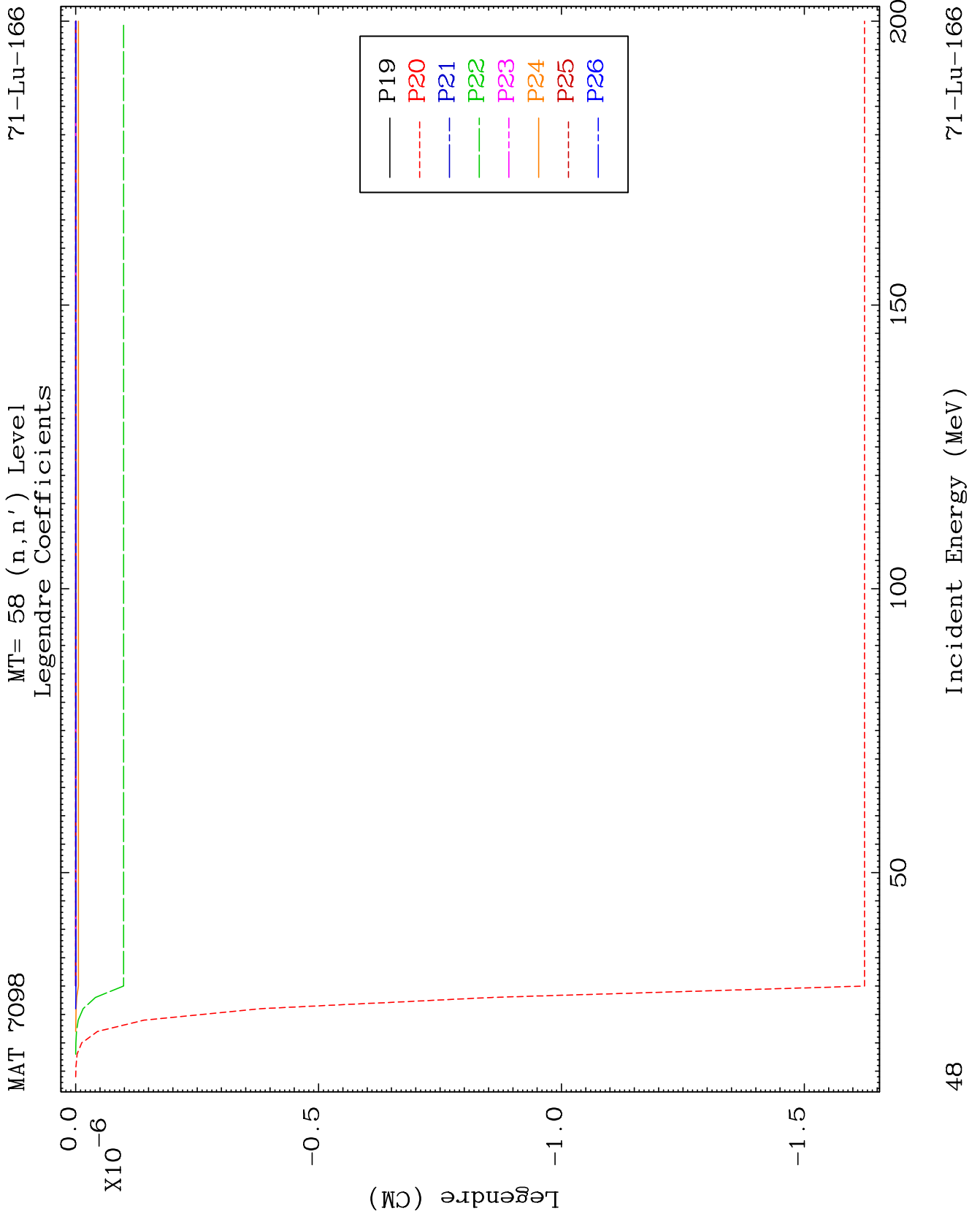


71-Lu-166

Incident Energy (MeV)

47



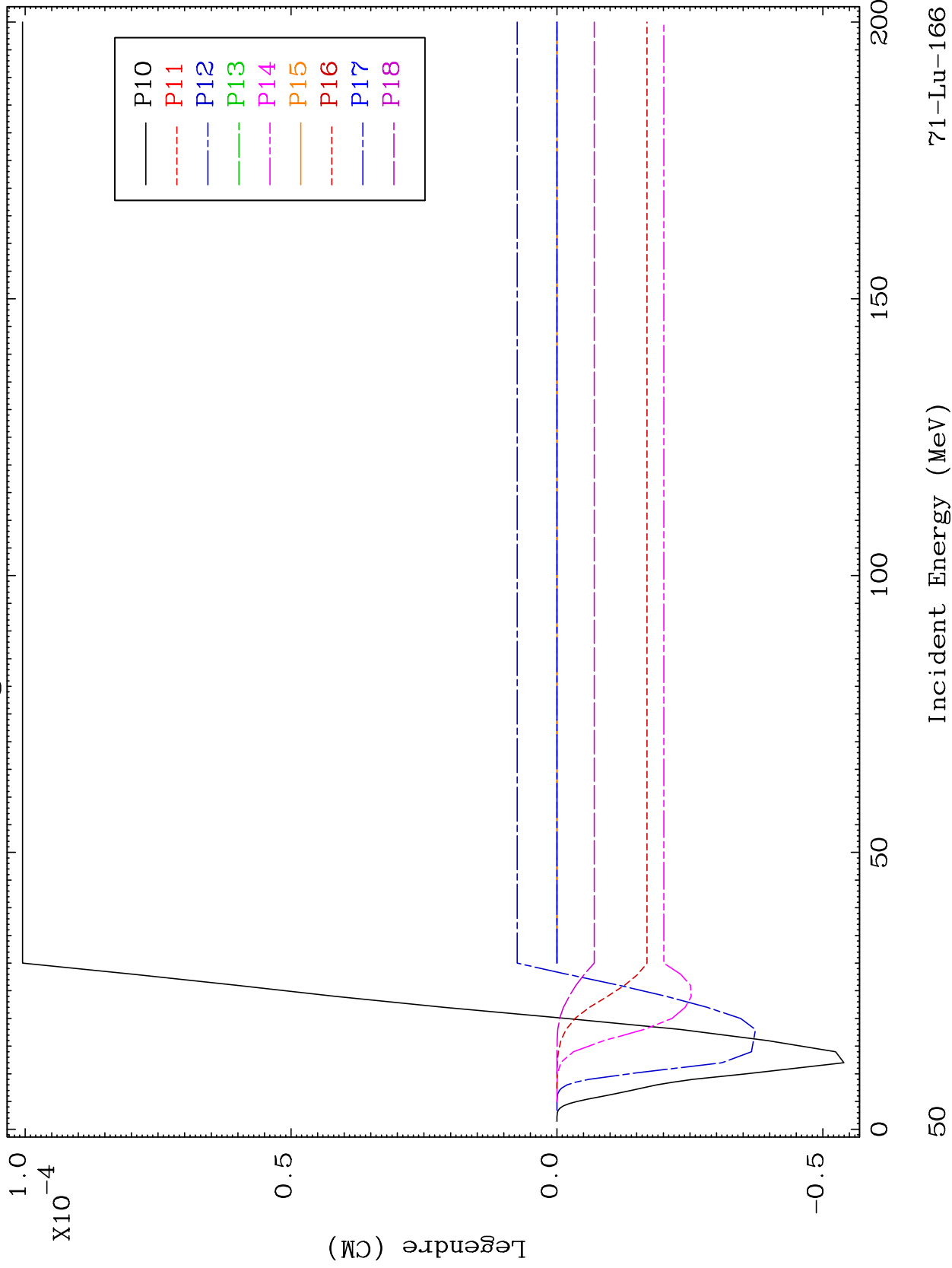




MAT 7098

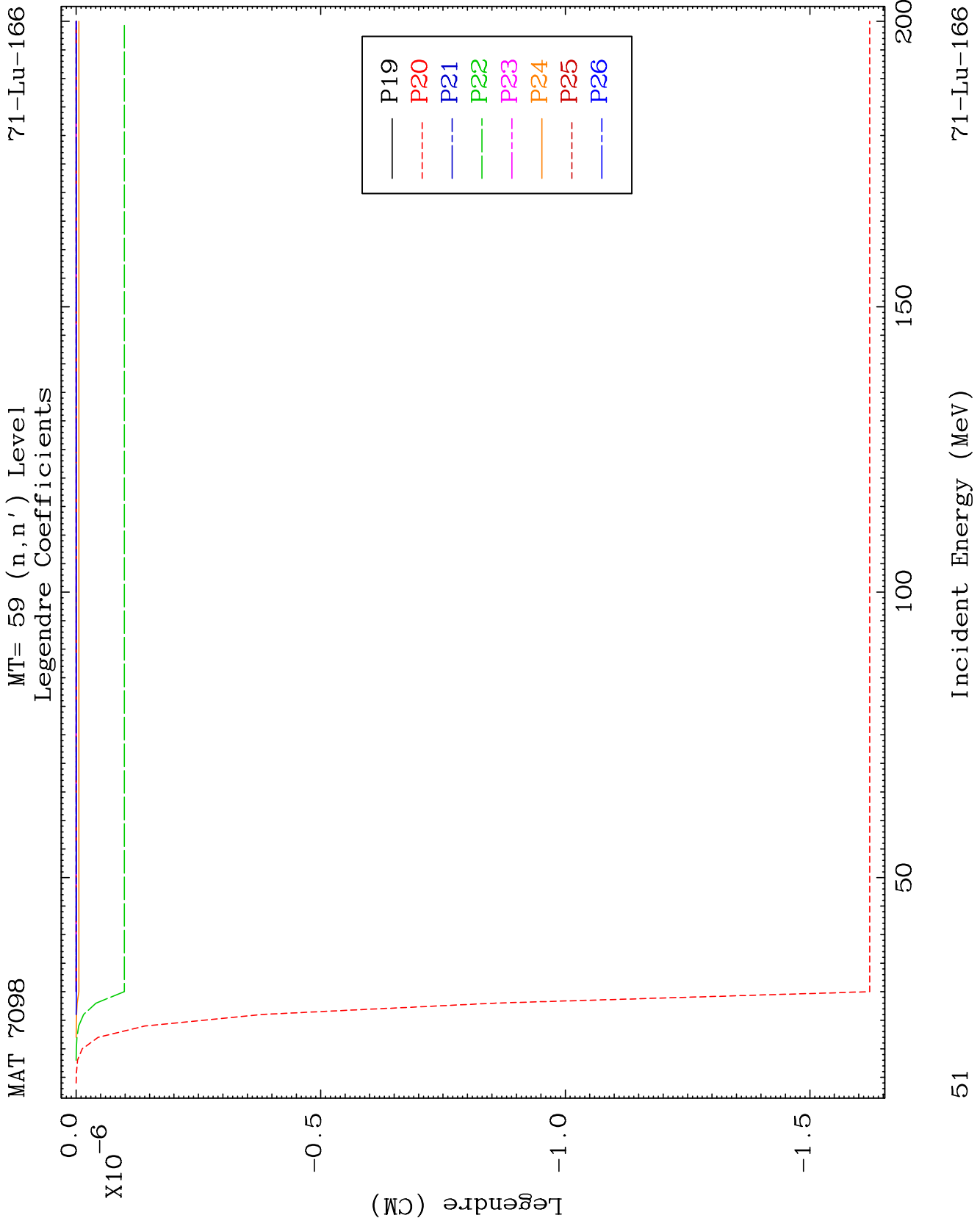
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Legendre Coefficients

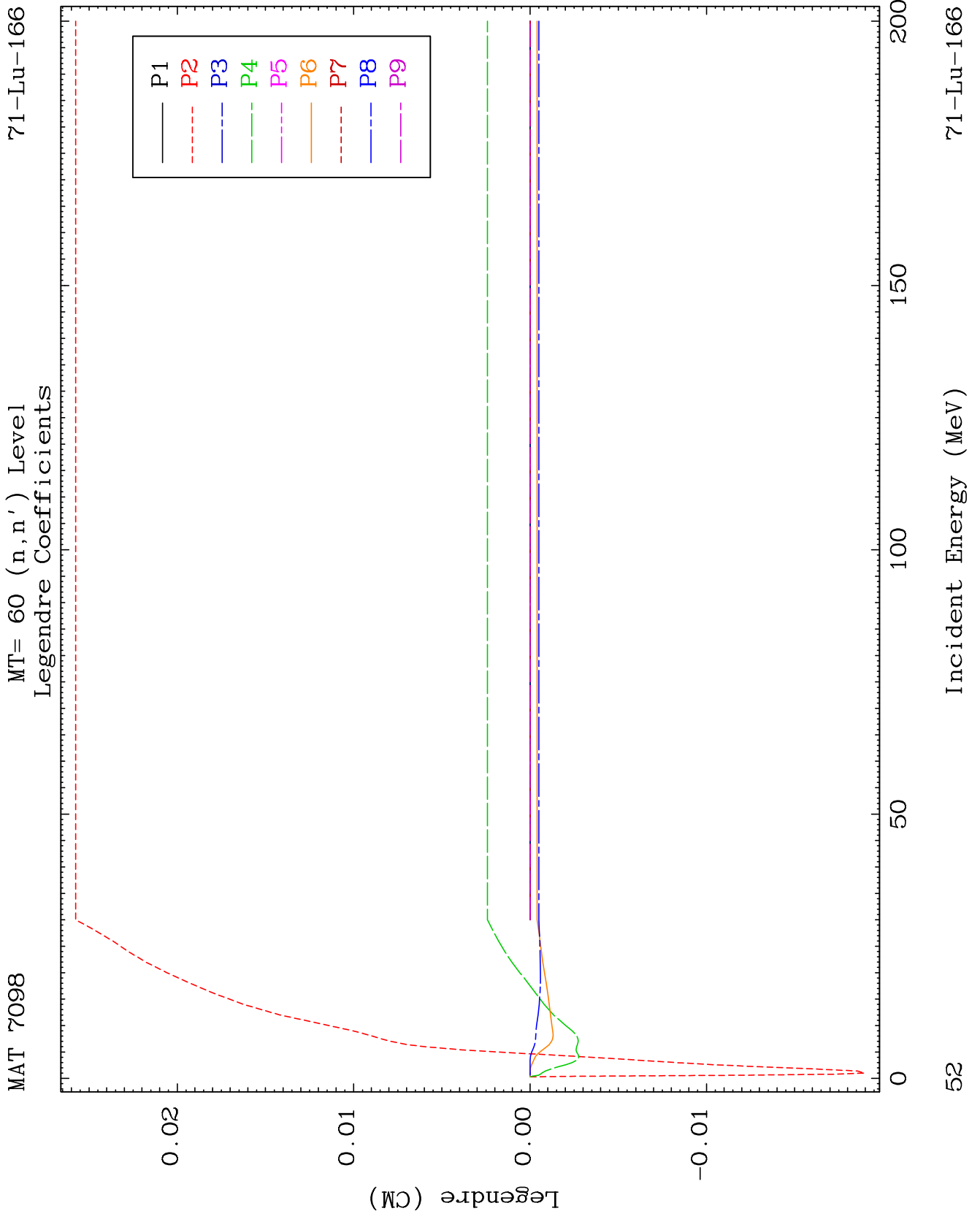
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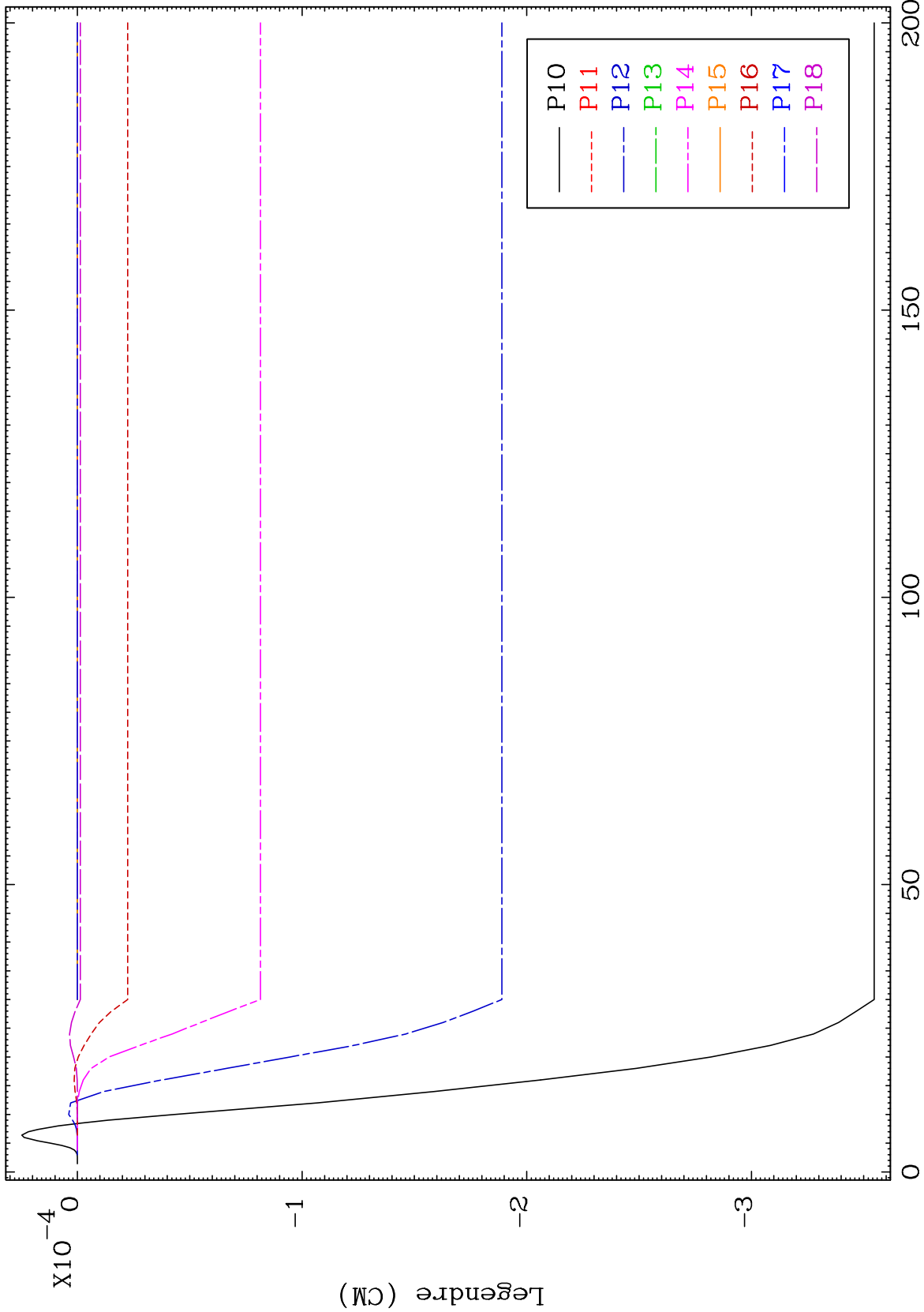


71-Lu-166

Incident Energy (MeV)



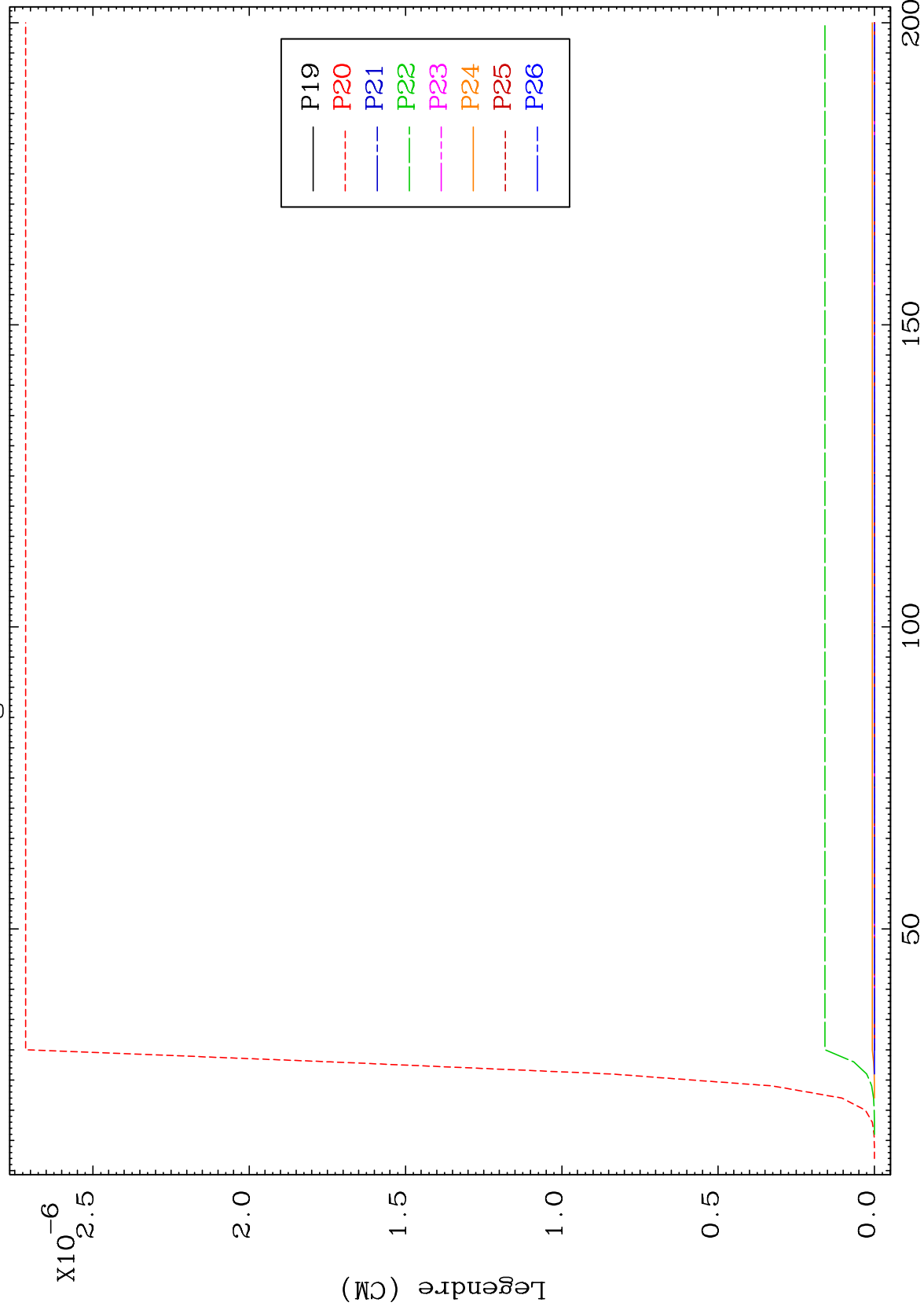




MAT 7098

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

71-Lu-166



71-Lu-166

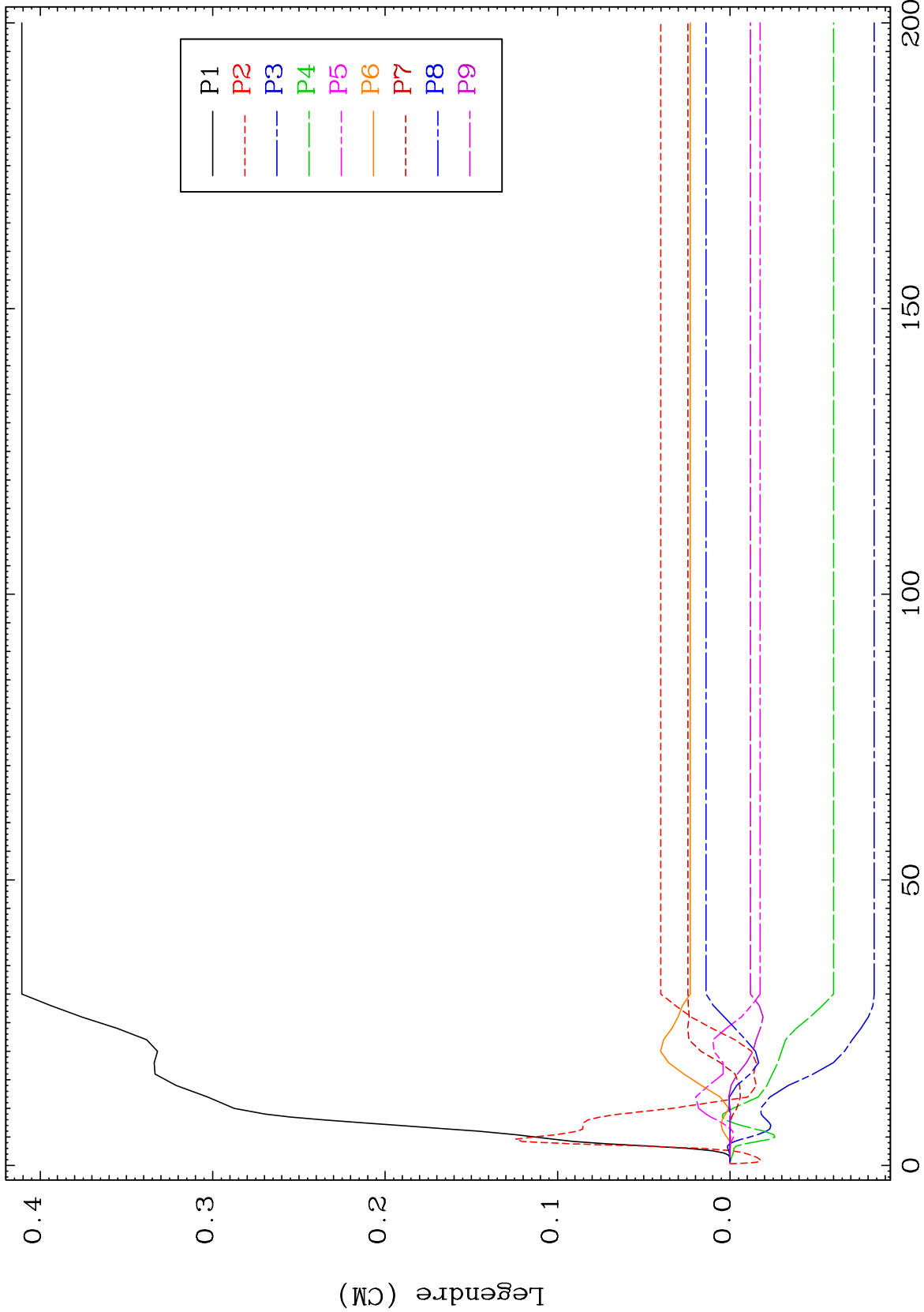
Incident Energy (MeV)

54

MAT 7098

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

71-Lu-166



55

Incident Energy (MeV)

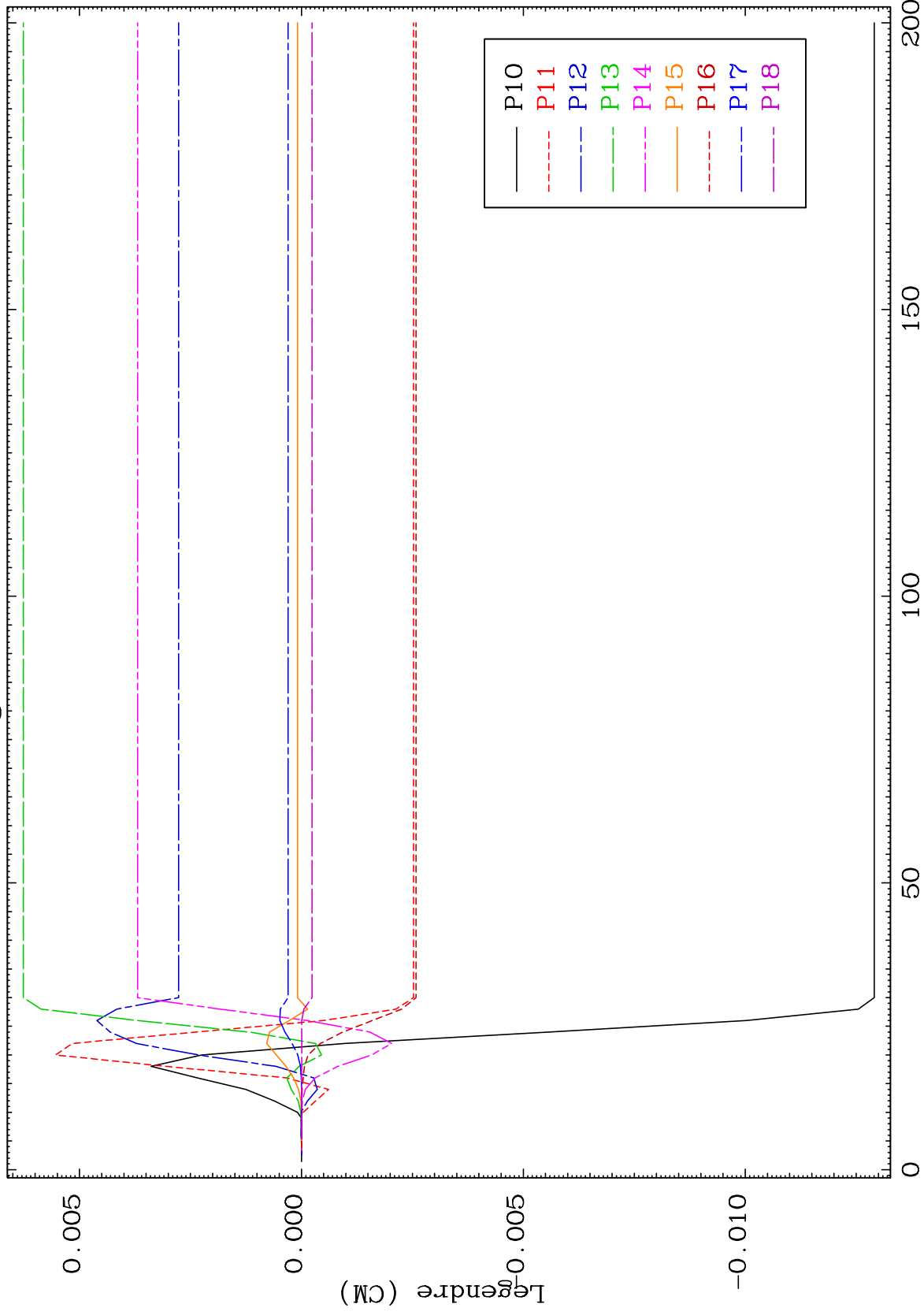
71-Lu-166



MAT 7098

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

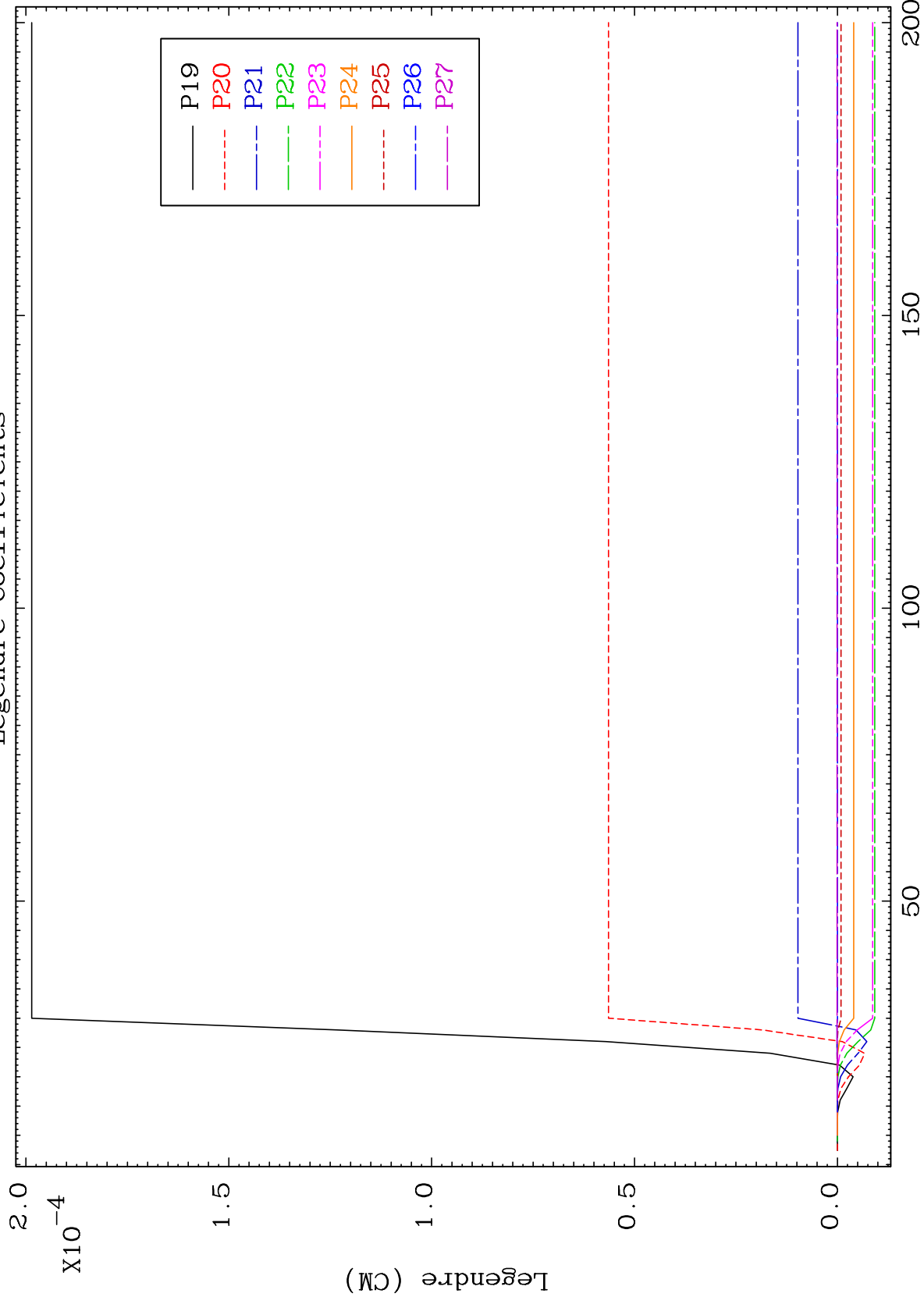
71-Lu-166



56

Incident Energy (MeV)

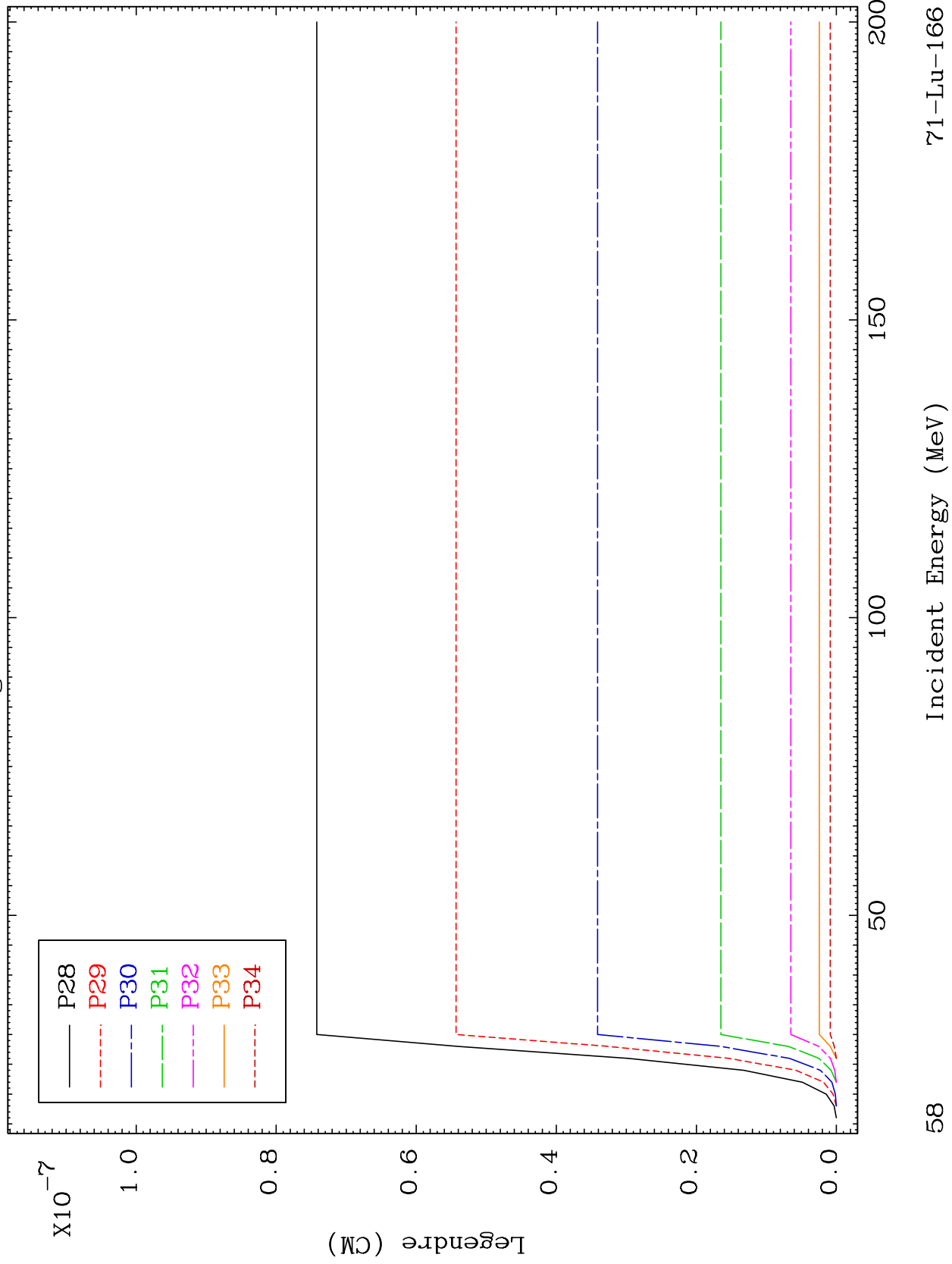
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MAT 7098

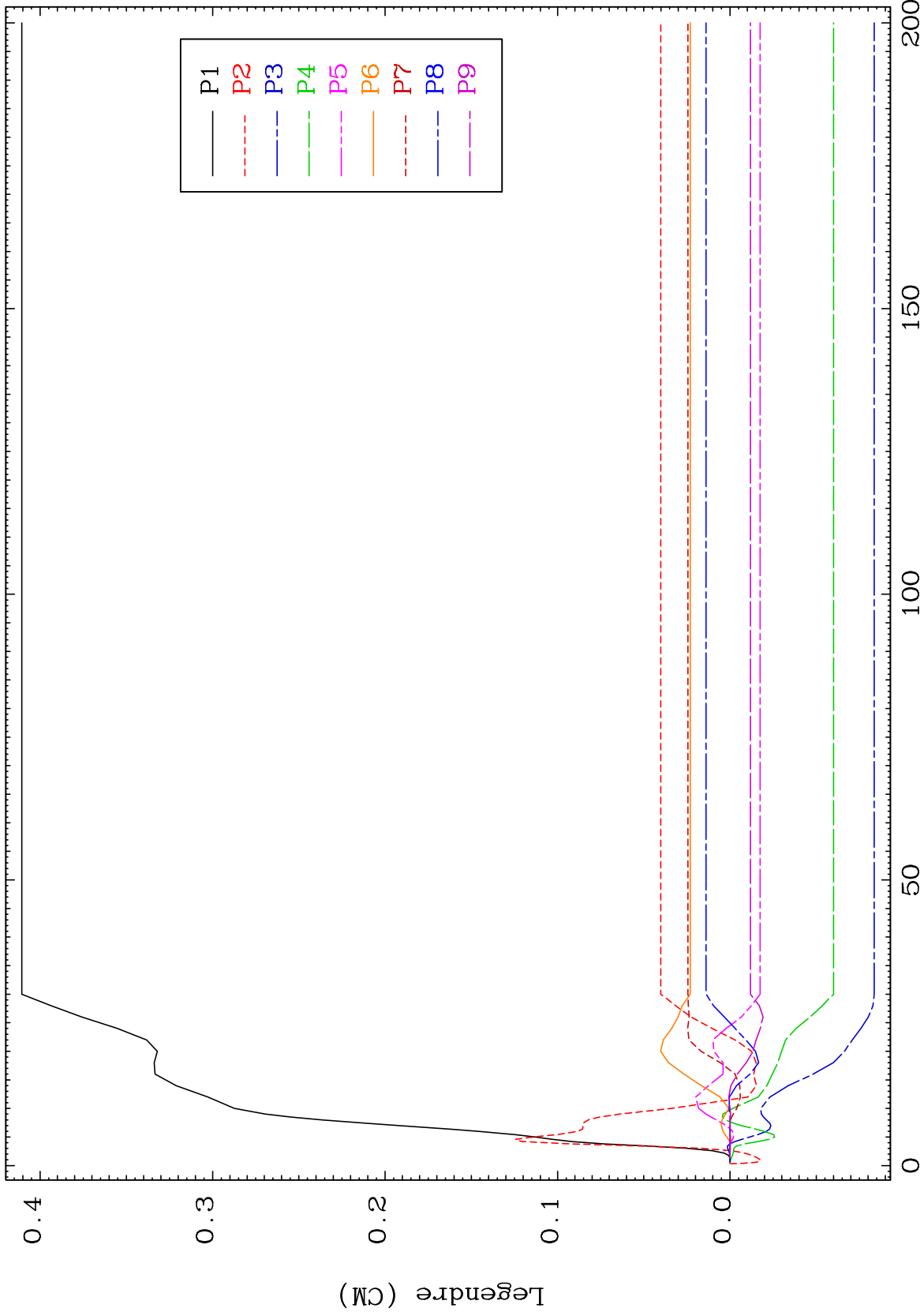
MT= 61 (n,n') Level  
Legendre Coefficients

71-Lu-166



58

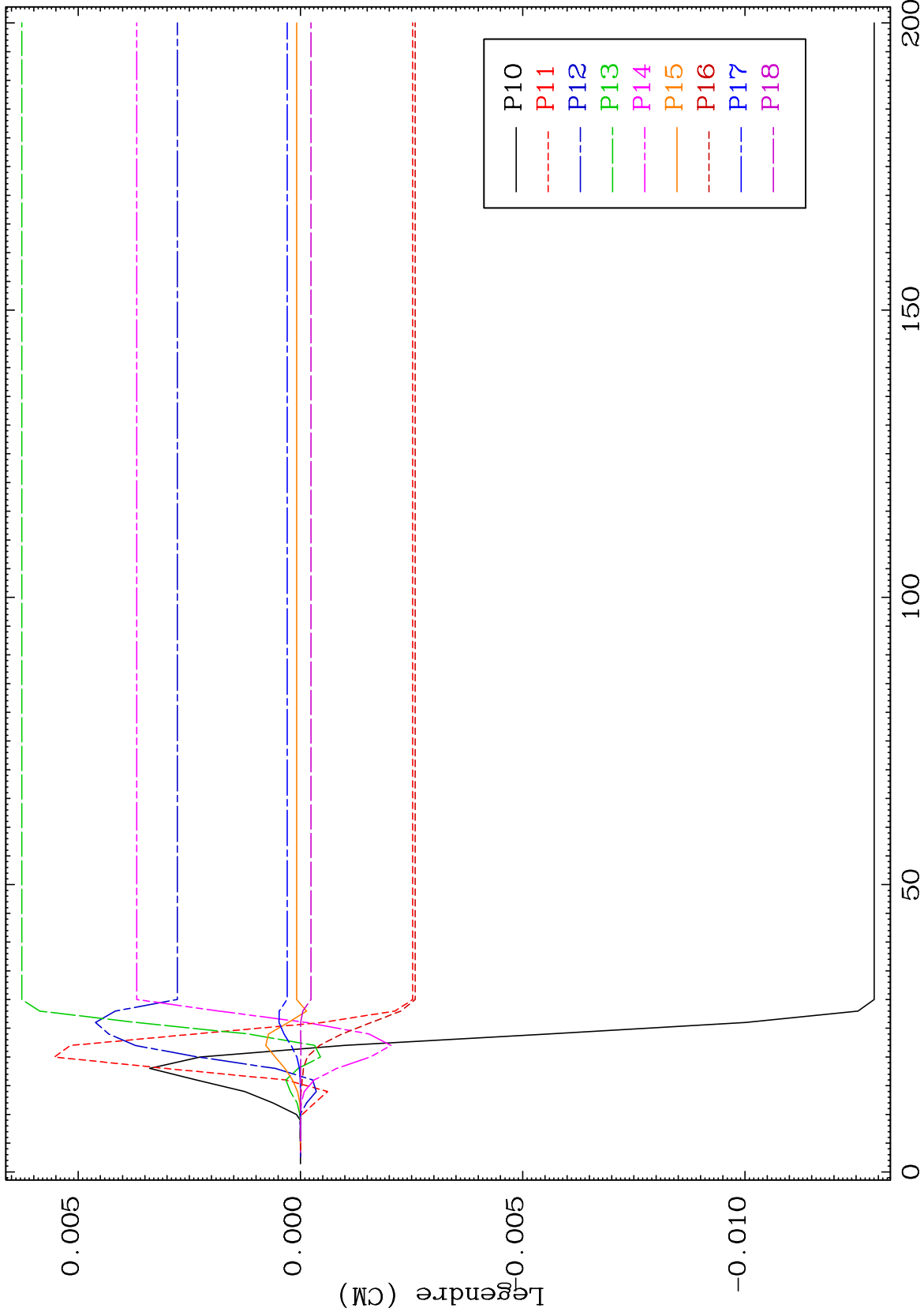
200



MAT 7098

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

71-Lu-166



71-Lu-166

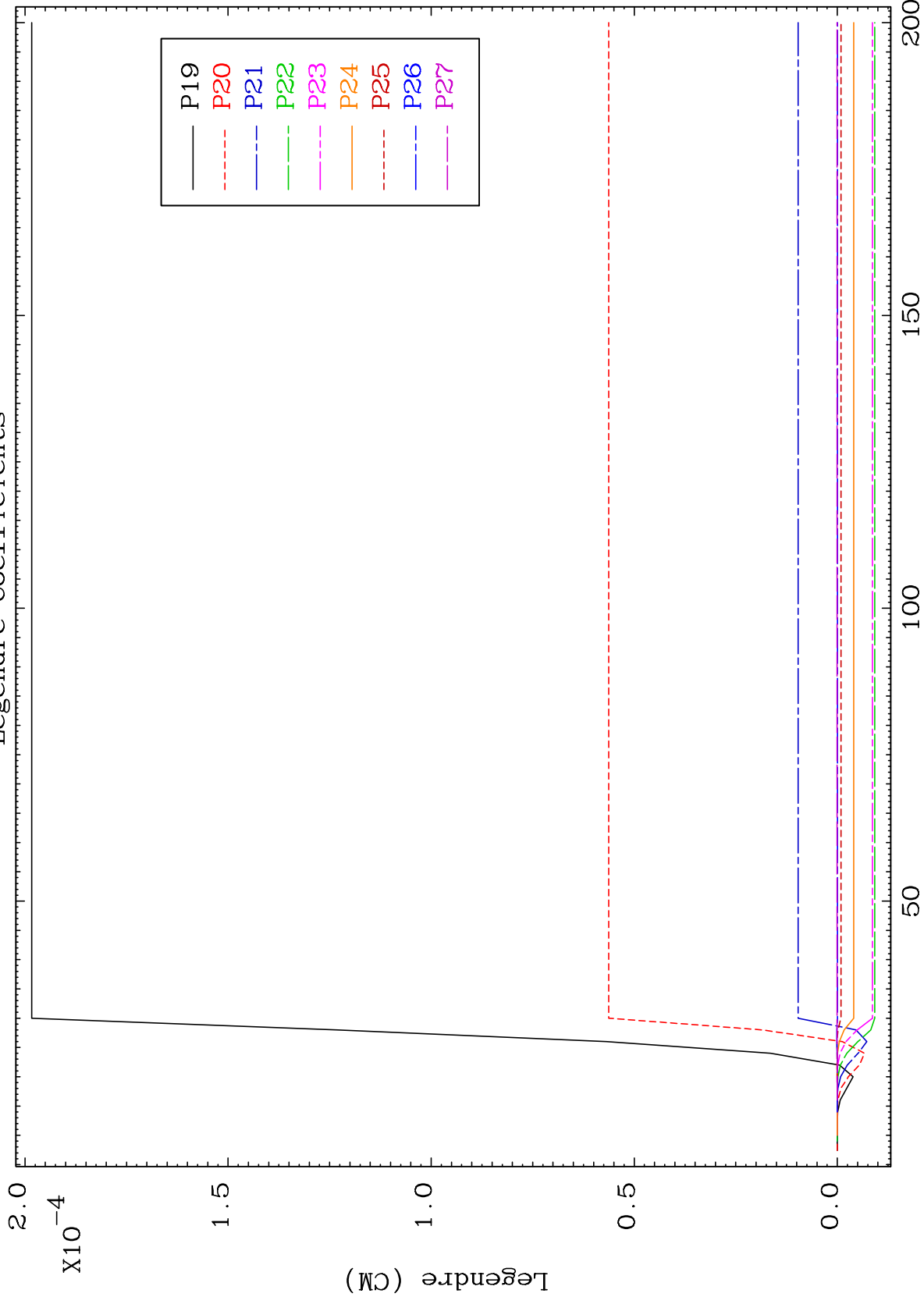
Incident Energy (MeV)

60

MAT 7098

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

71-Lu-166



61

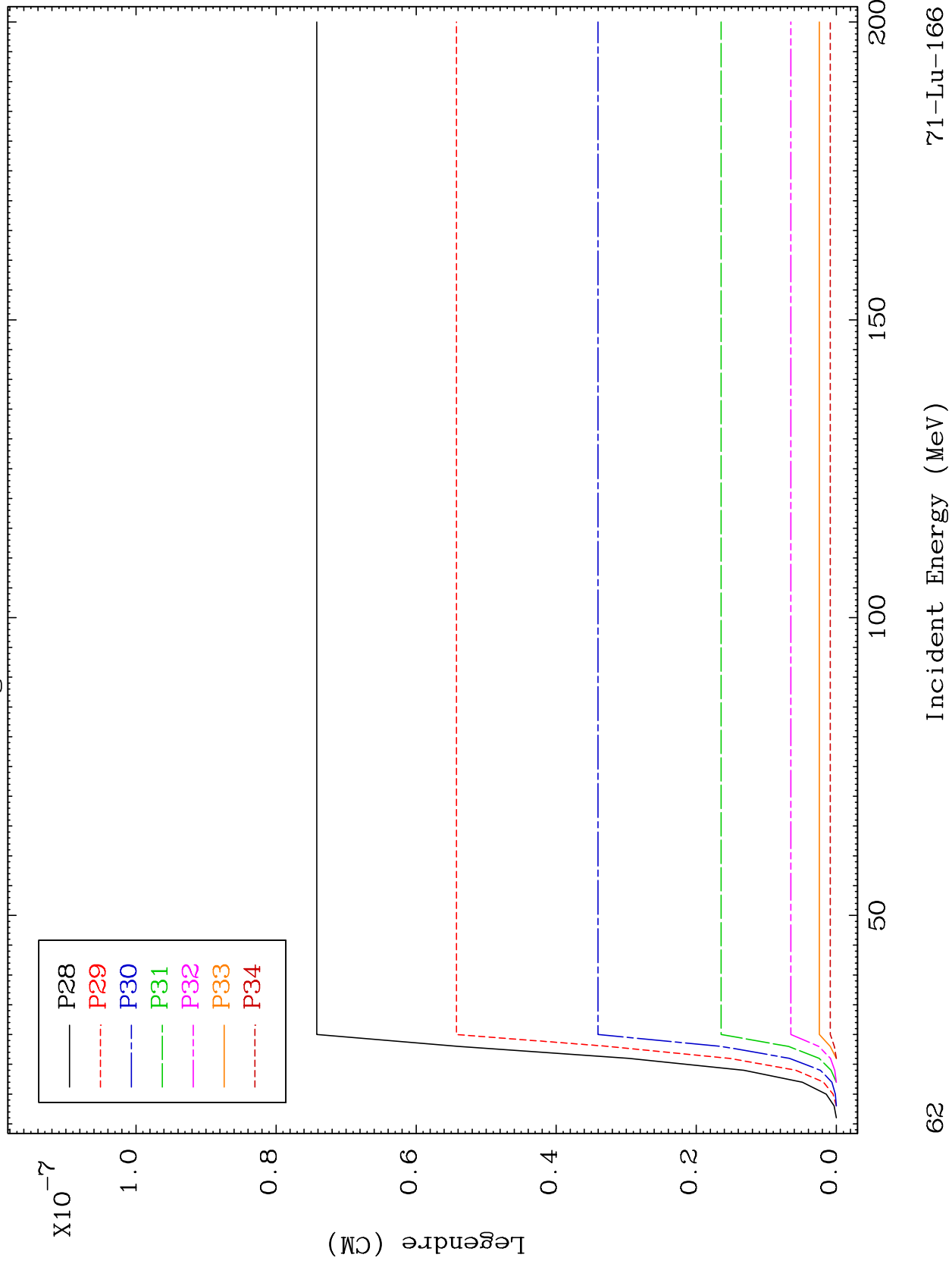
Incident Energy (MeV)

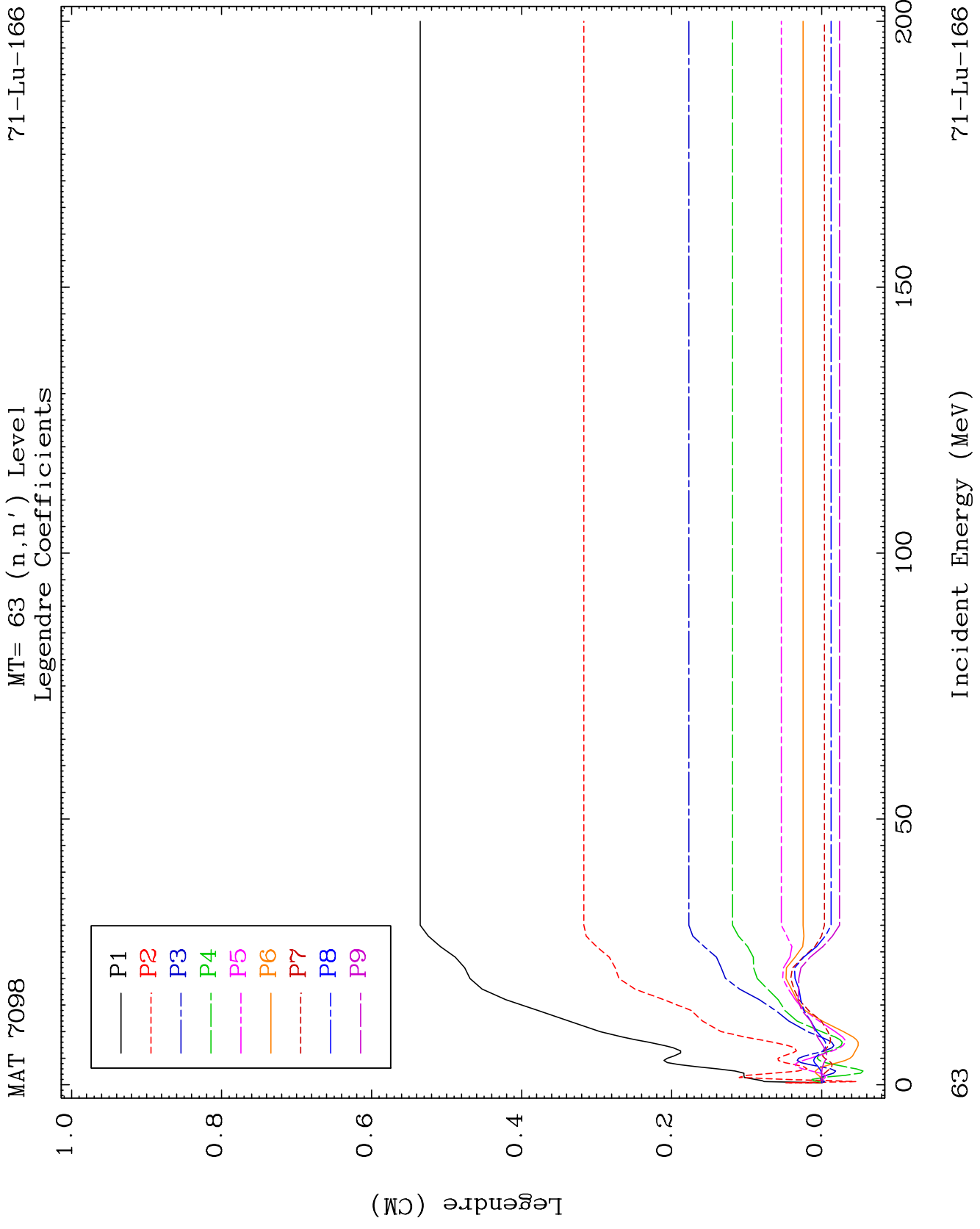
71-Lu-166

MAT 7098

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

71-Lu-166



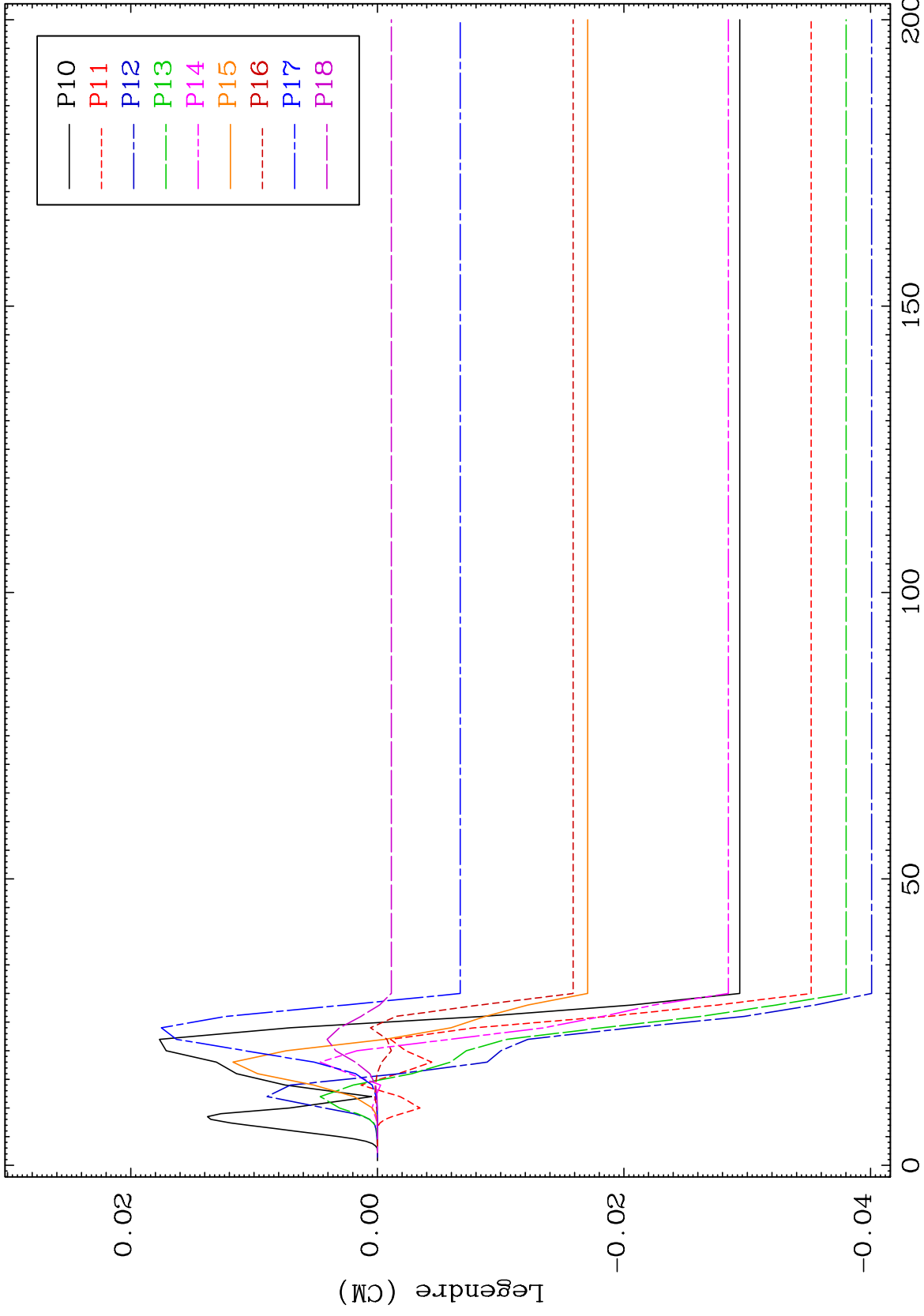




MAT 7098

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

71-Lu-166



64

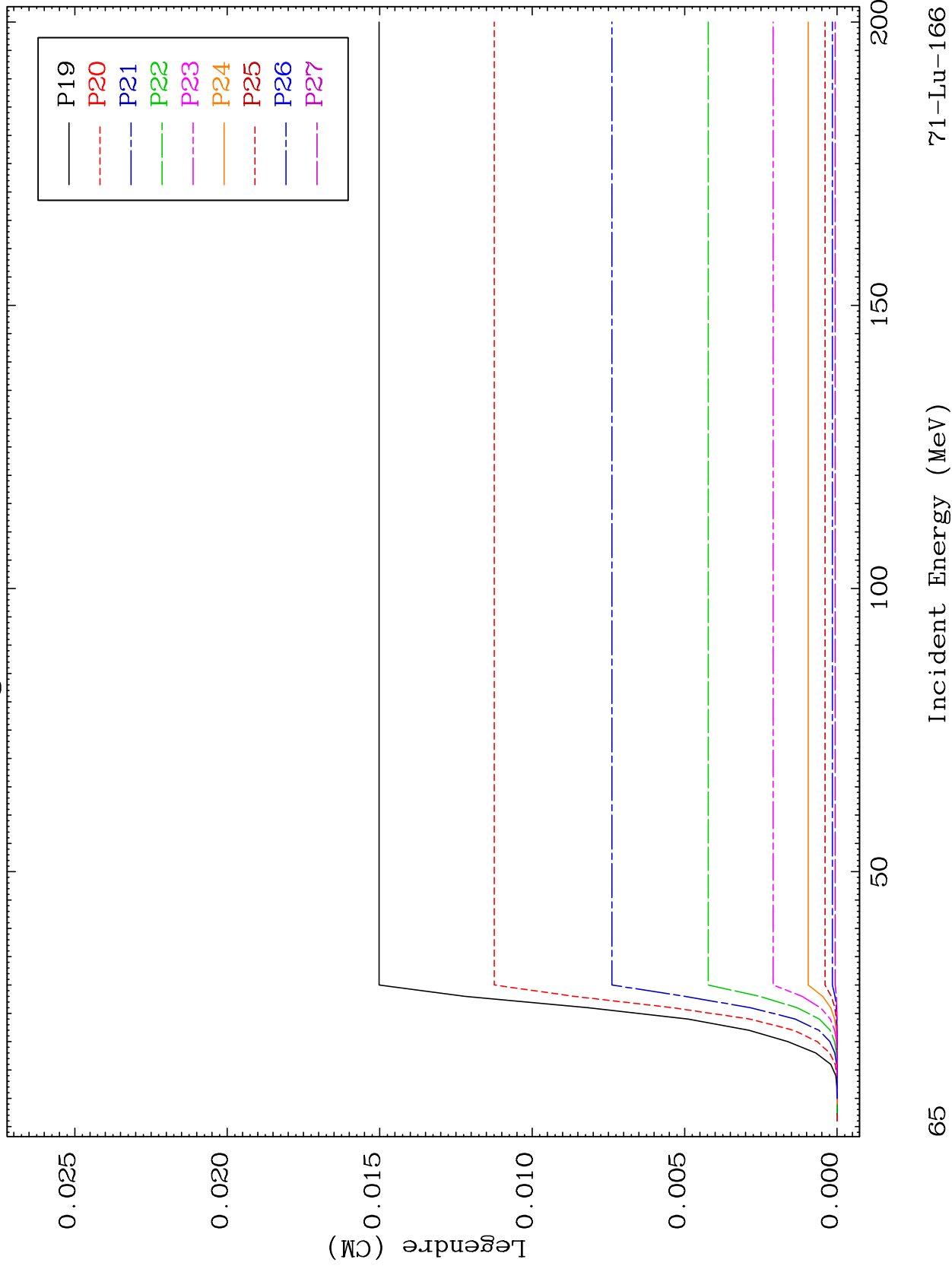
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



71-Lu-166

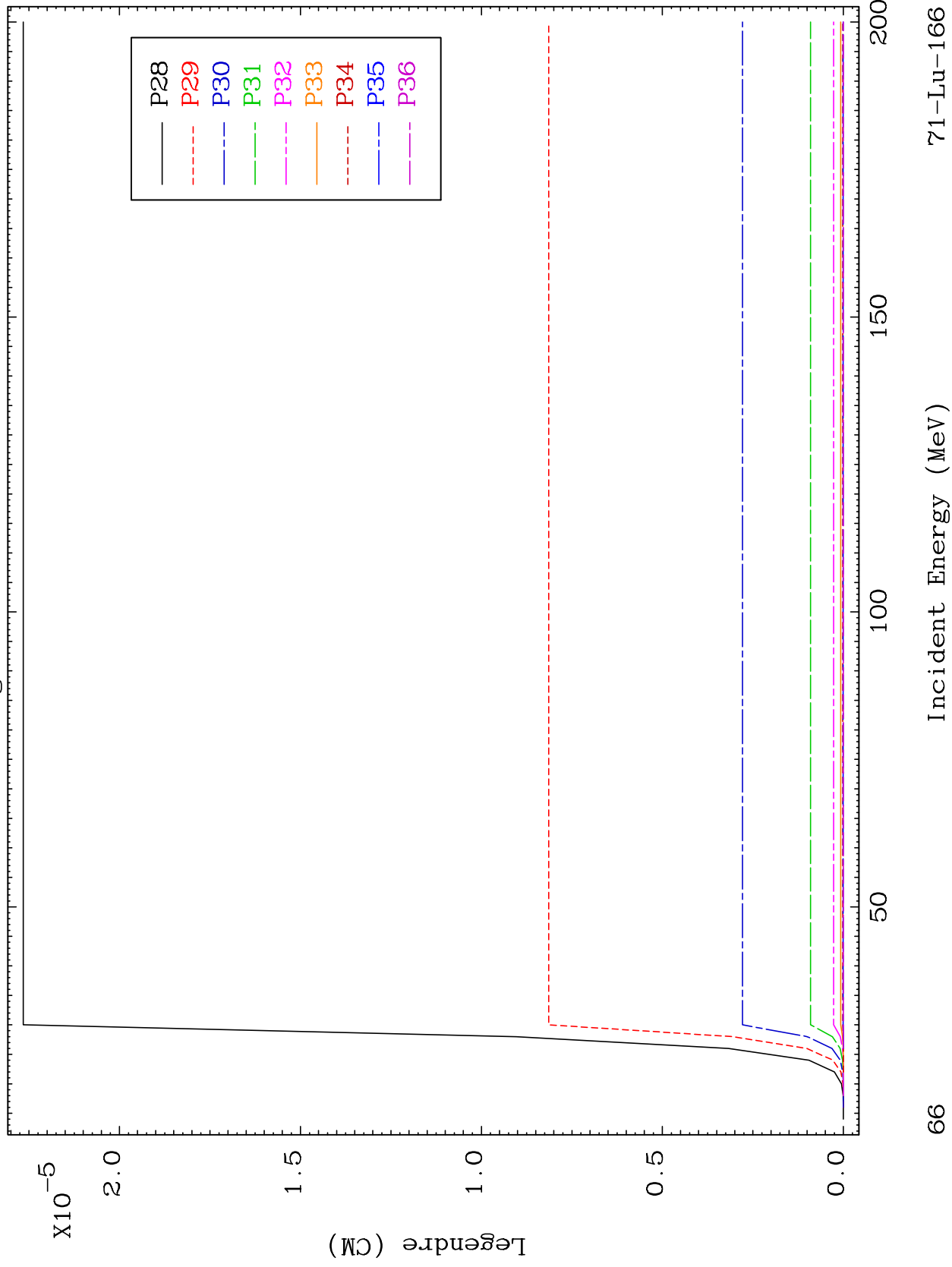
Incident Energy (MeV)

65

MAT 7098

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

71-Lu-166



66

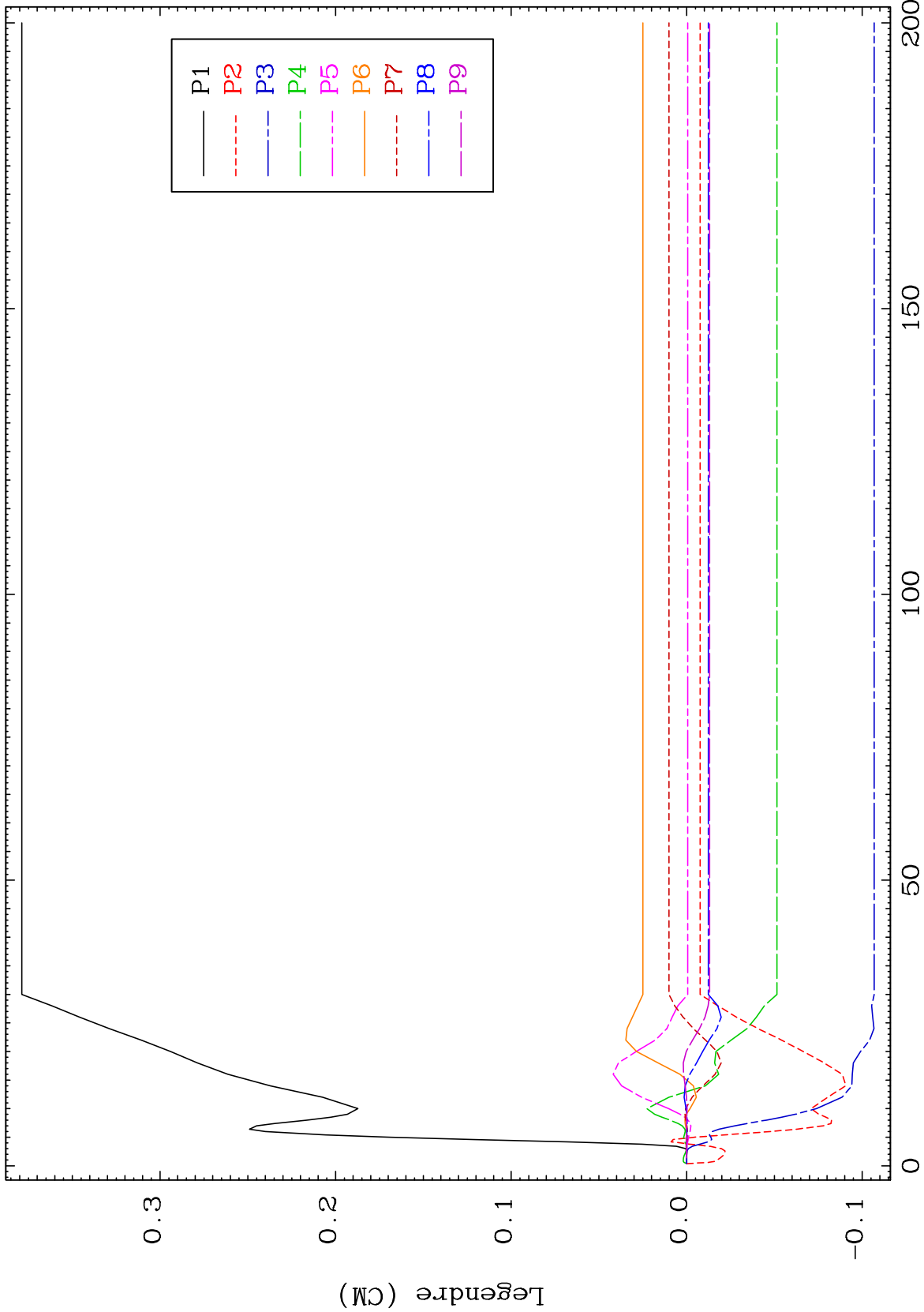
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166



67

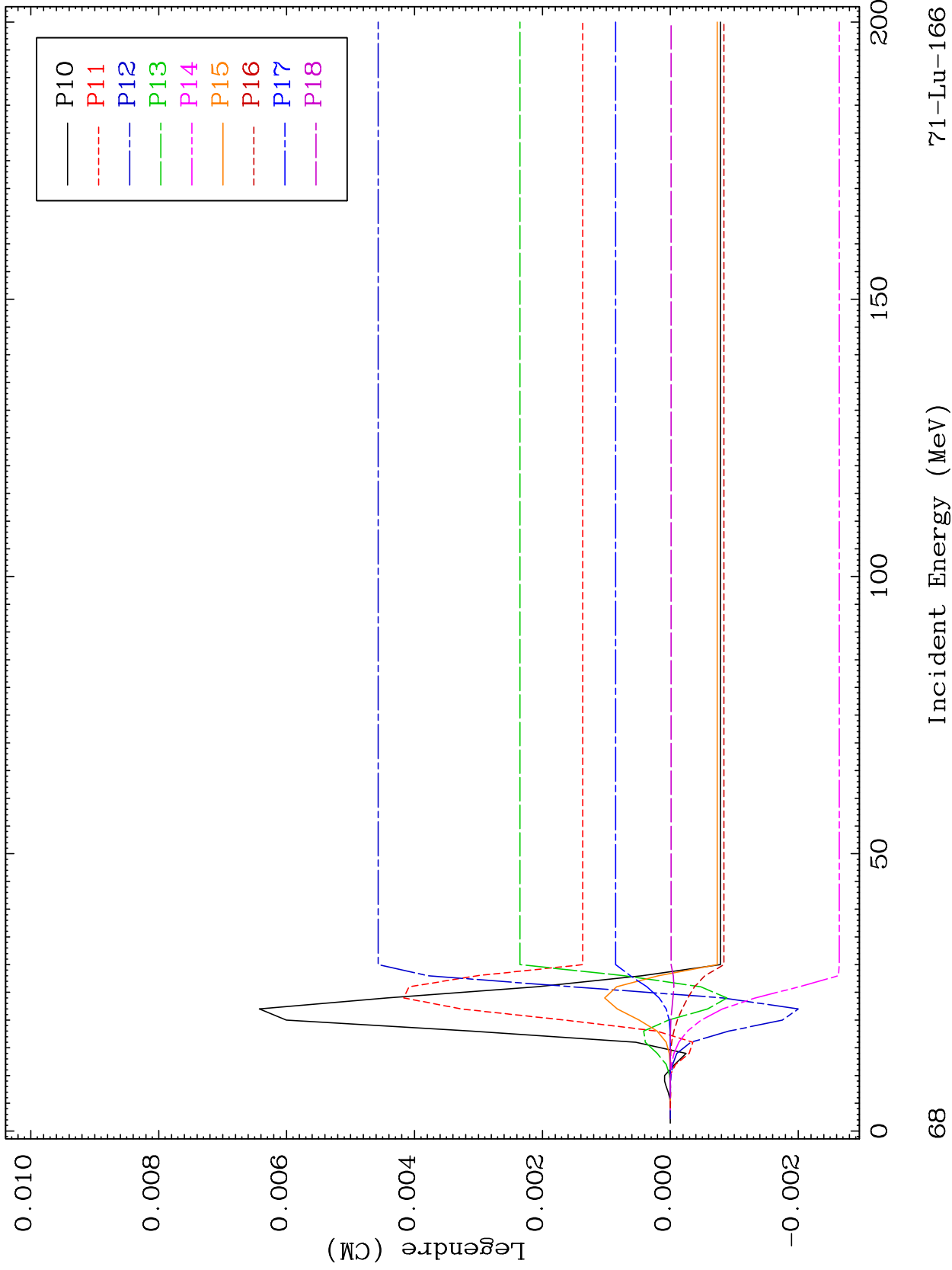
Incident Energy (MeV)

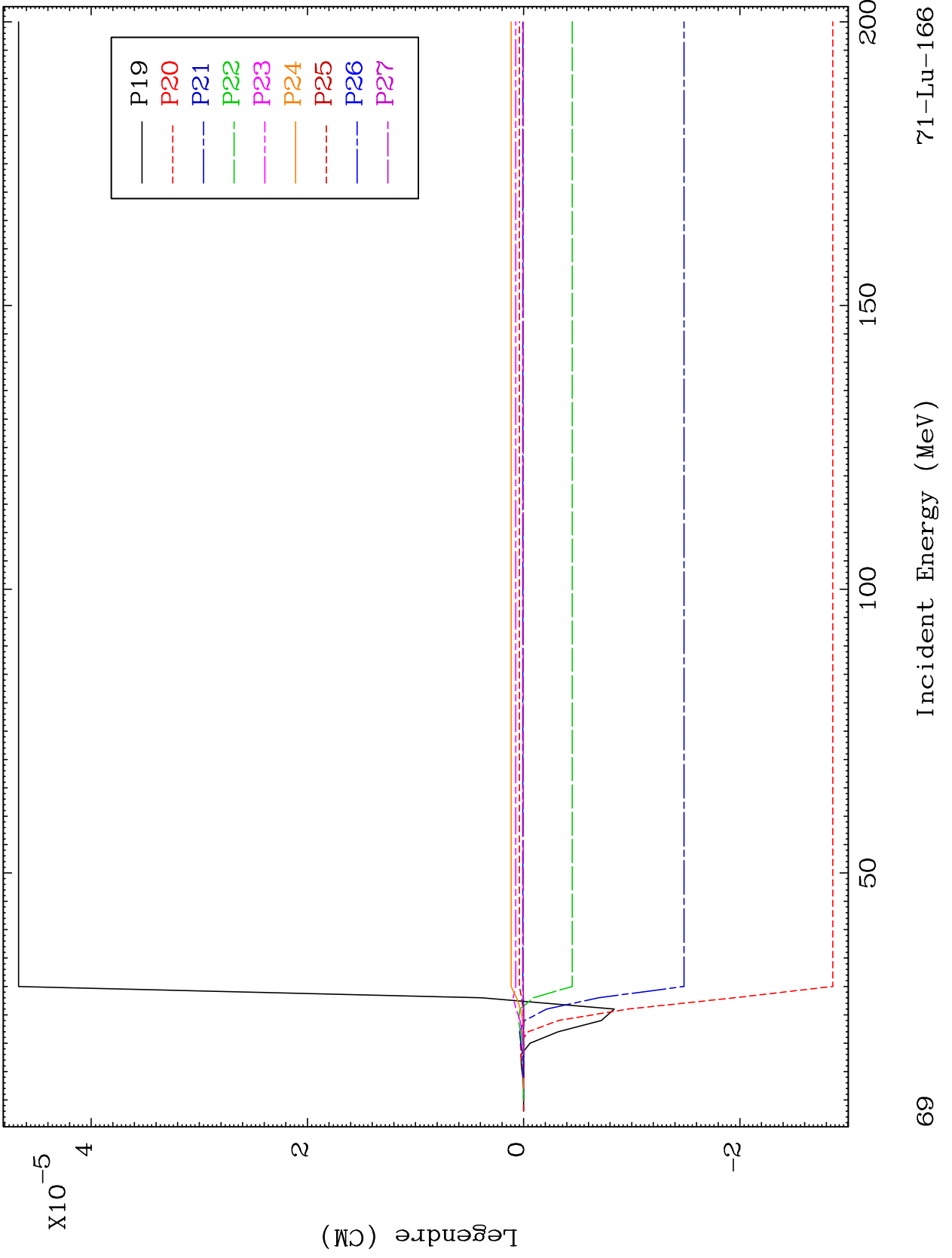
71-Lu-166

MAT 7098

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

71-Lu-166

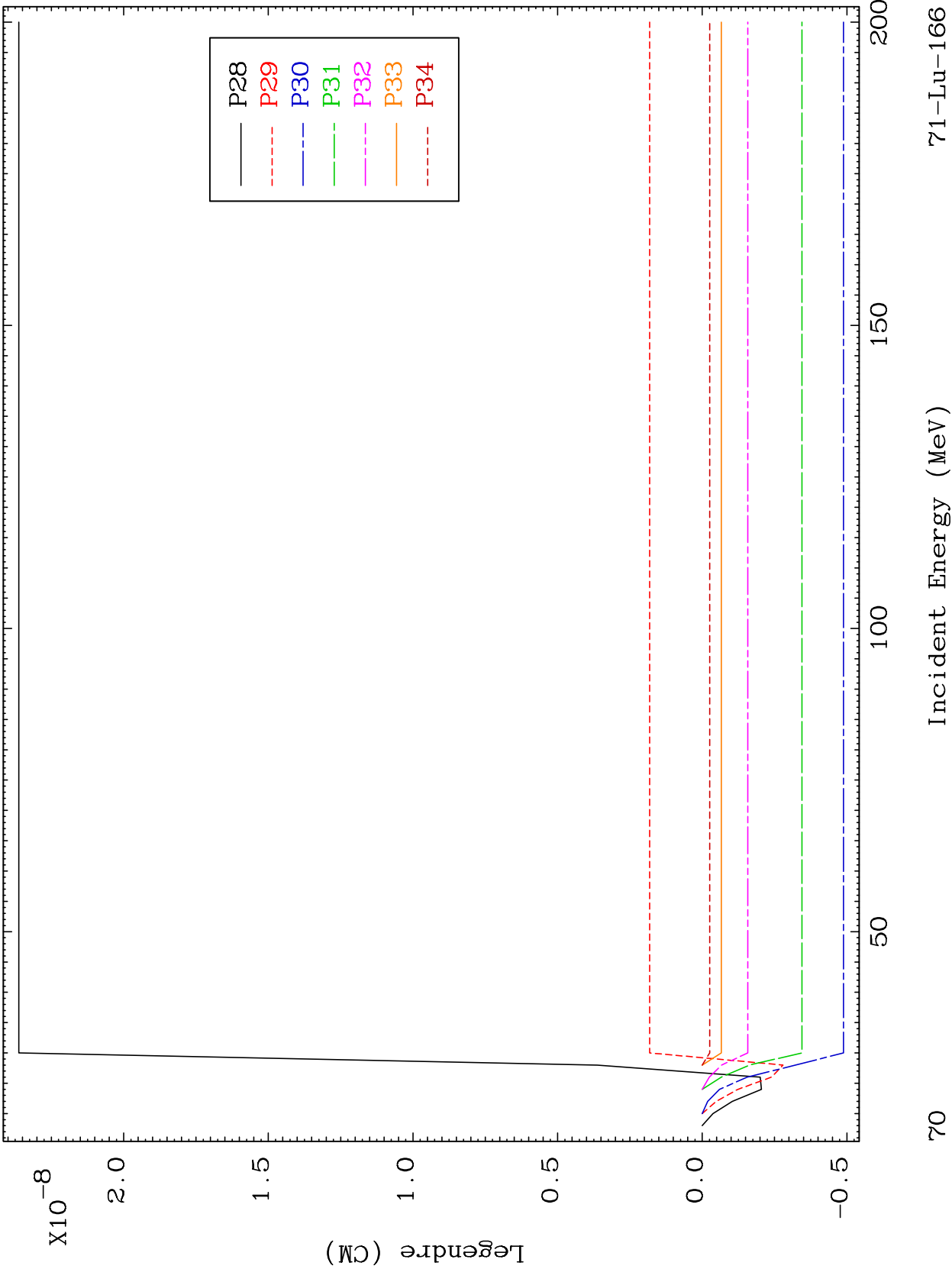




MAT 7098

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

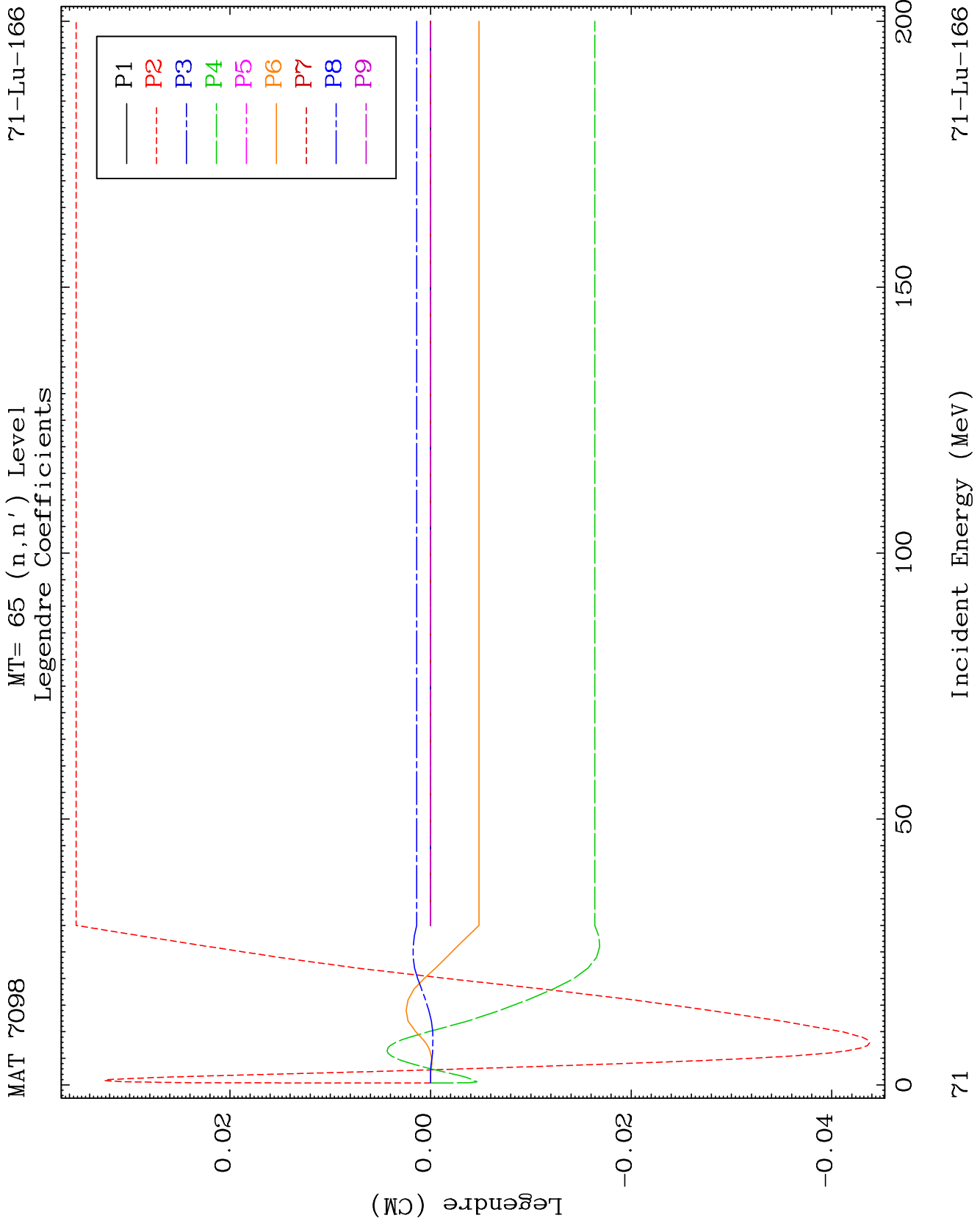
71-Lu-166



71-Lu-166

Incident Energy (MeV)

70

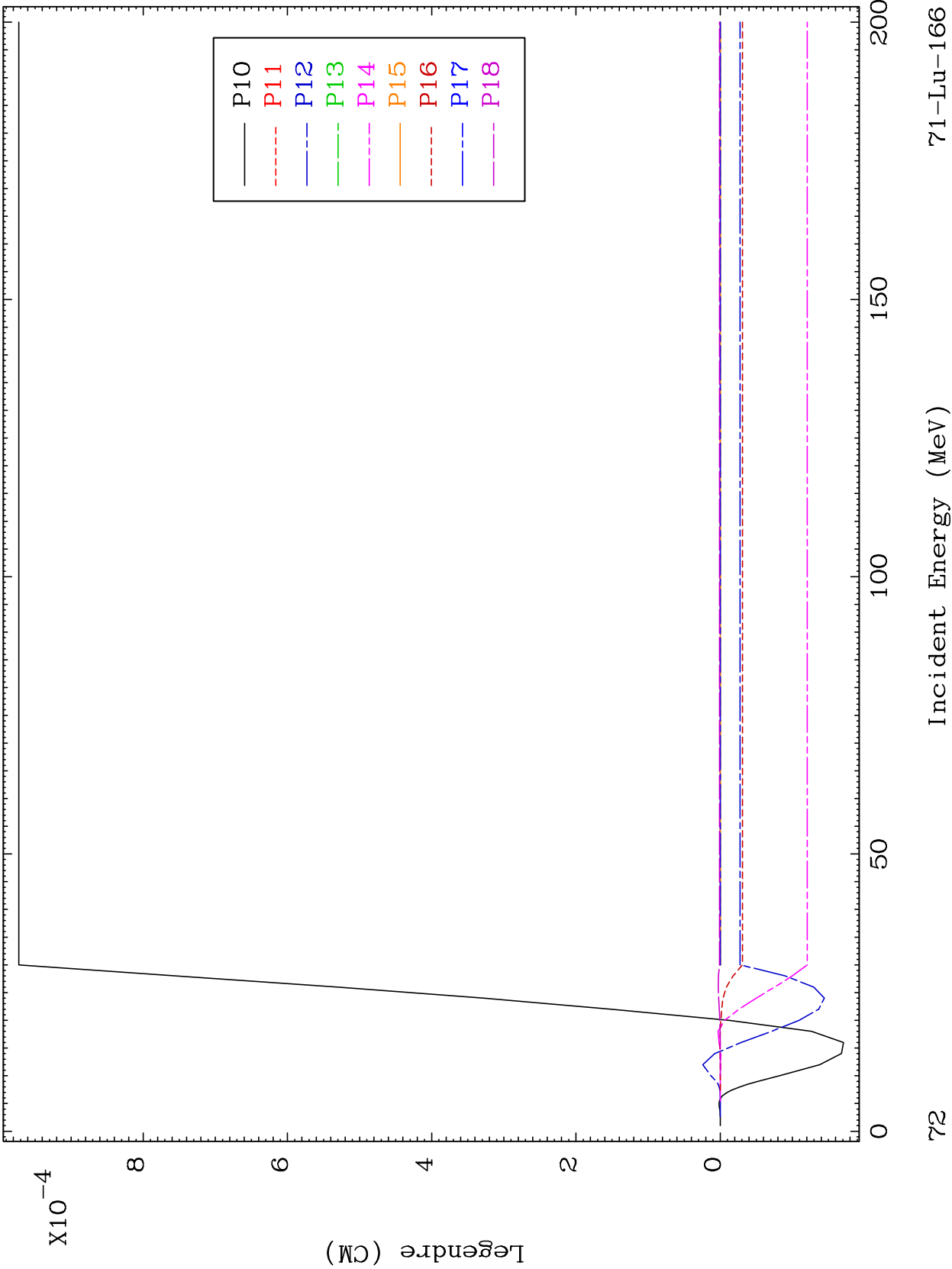




MAT 7098

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

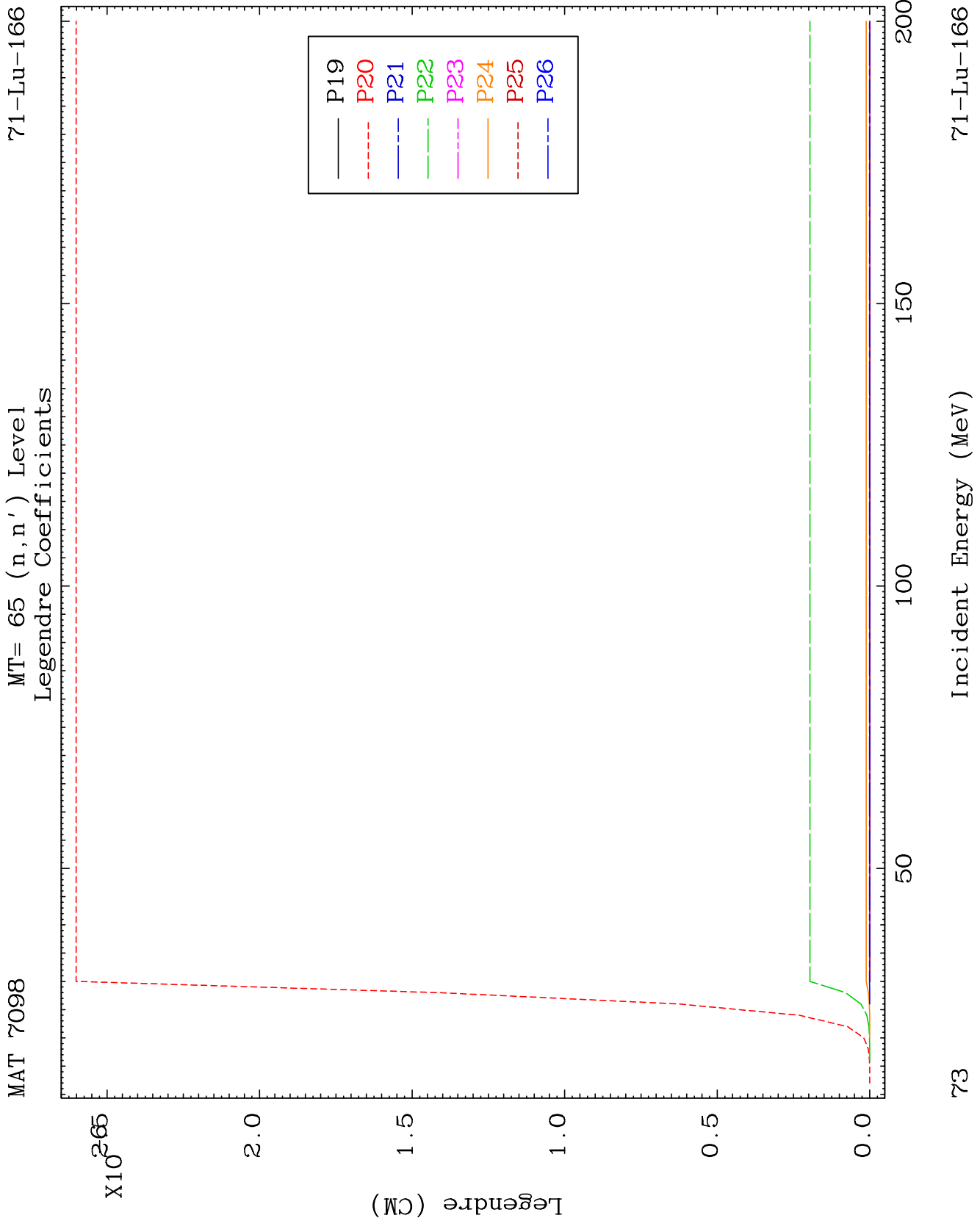
71-Lu-166



71-Lu-166

Incident Energy (MeV)

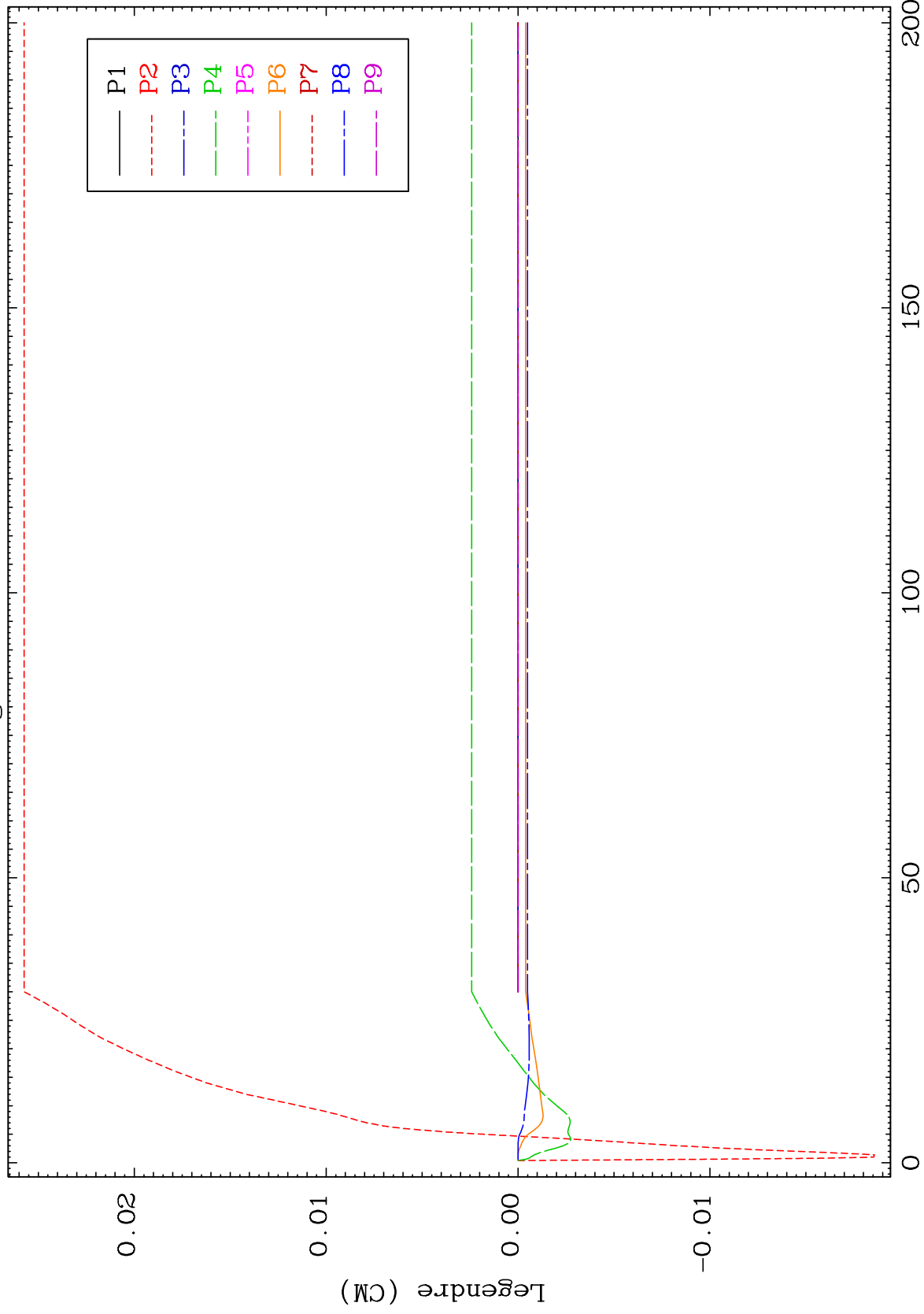
72



MAT 7098

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

71-Lu-166



74

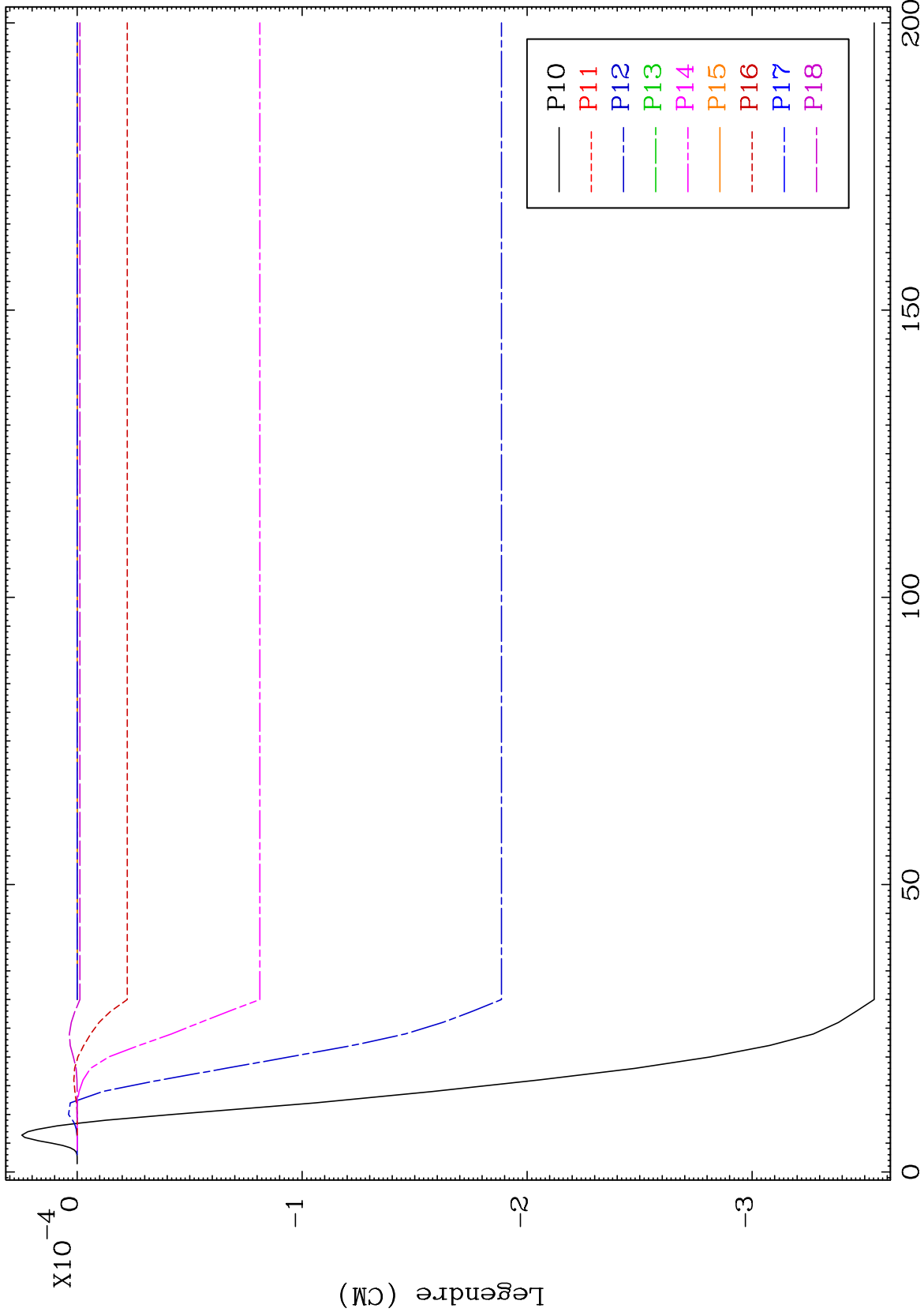
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166

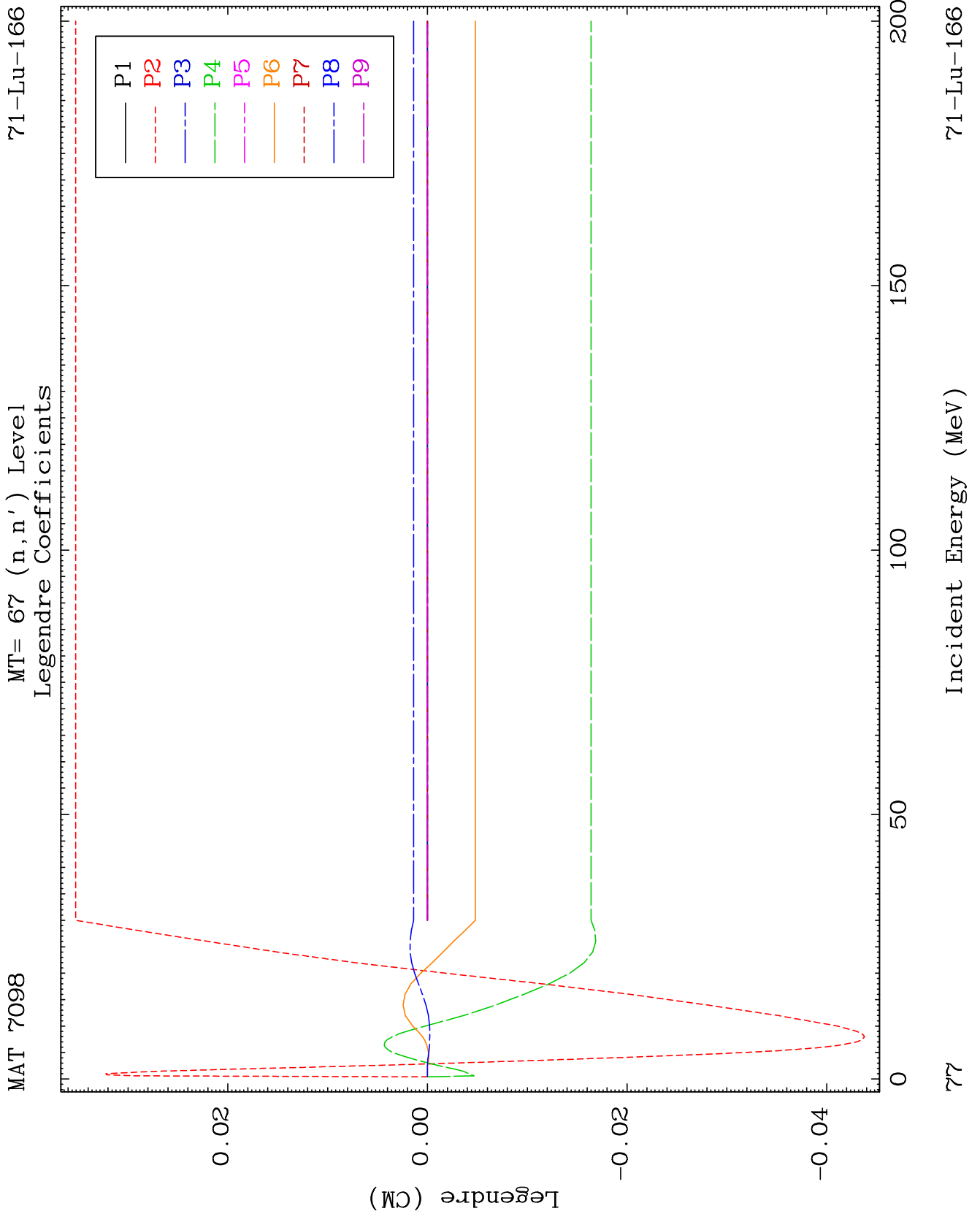


75

Incident Energy (MeV)

71-Lu-166

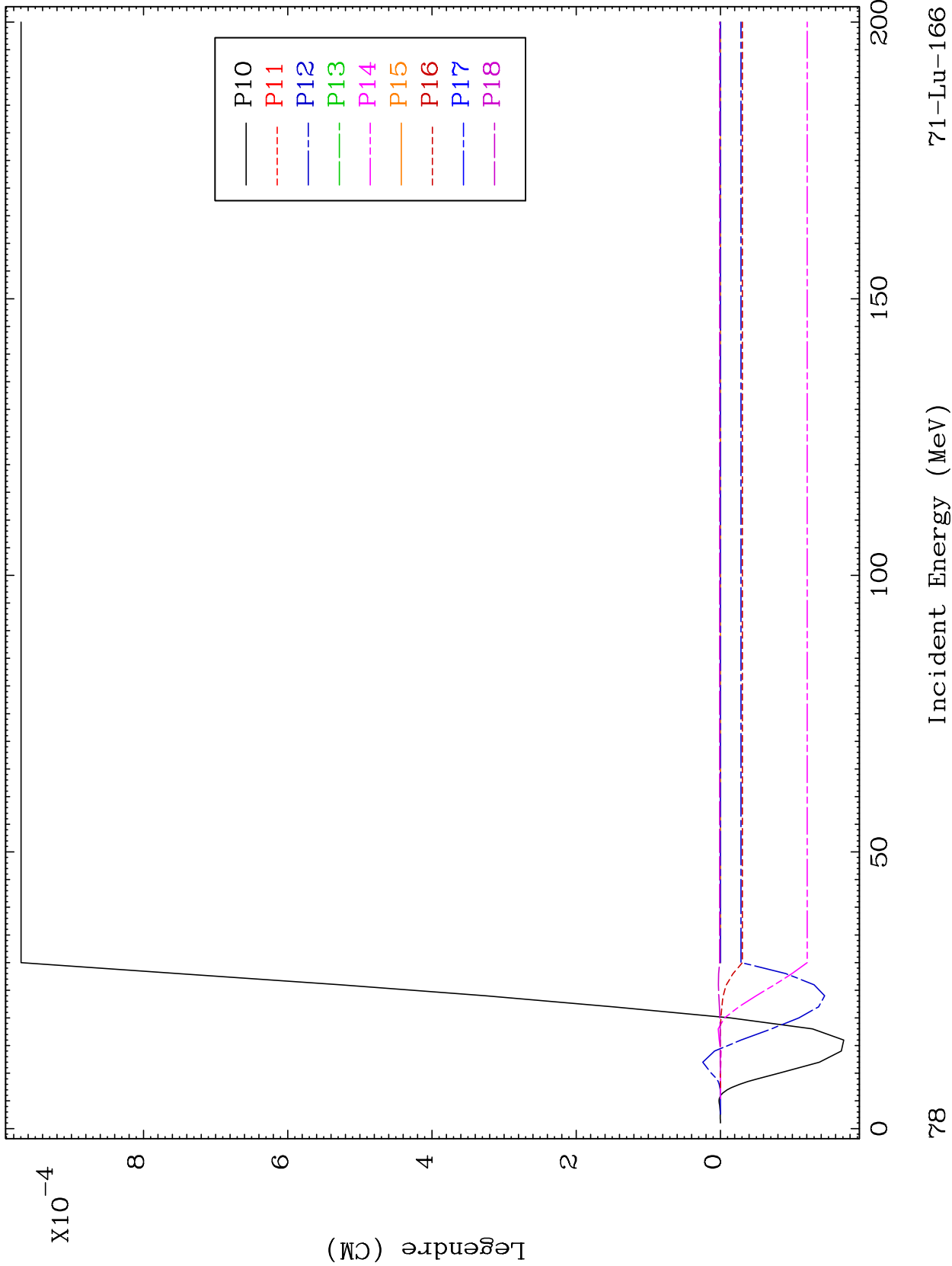




MAT 7098

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

71-Lu-166



71-Lu-166

Incident Energy (MeV)

78



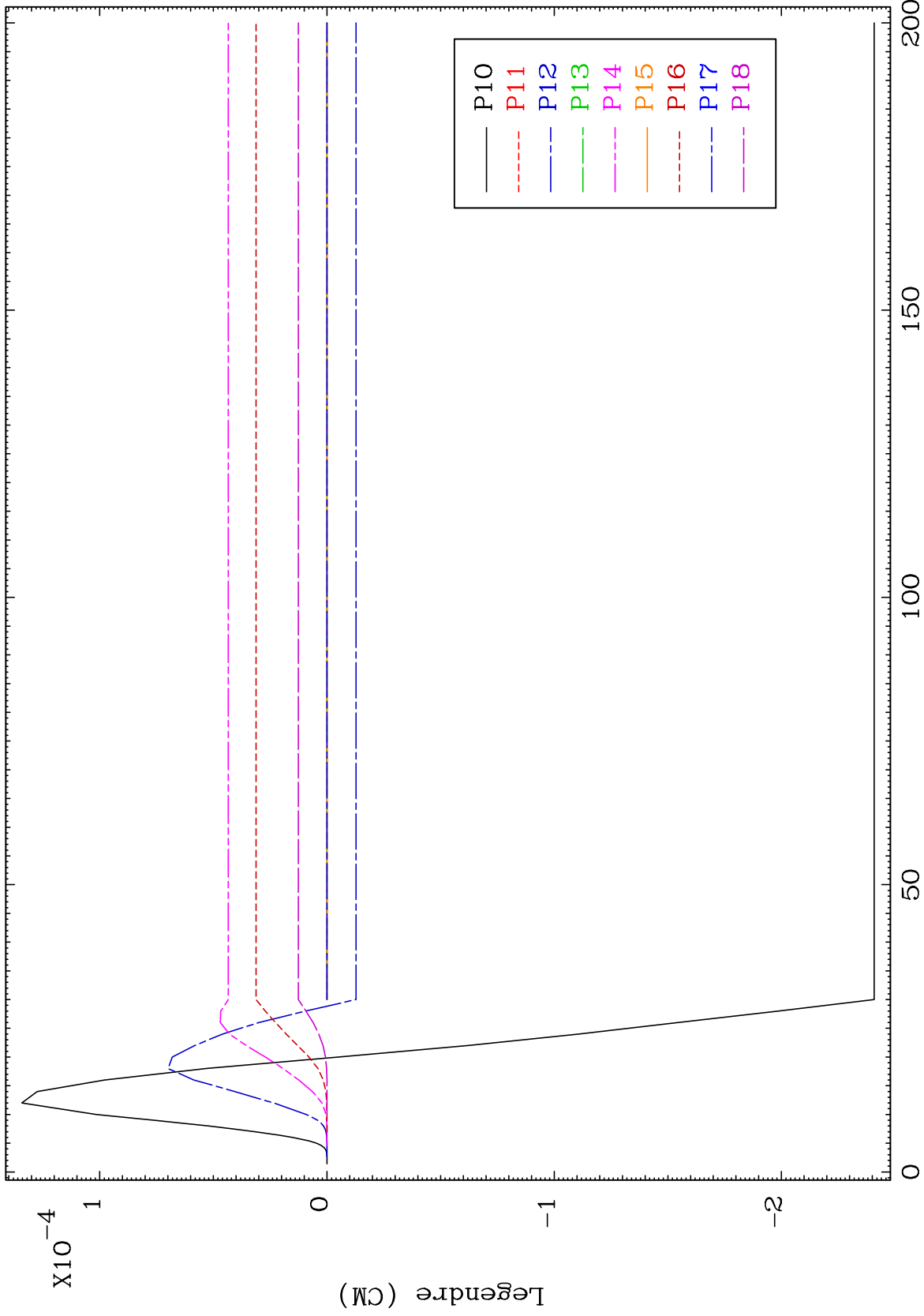




MAT 7098

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

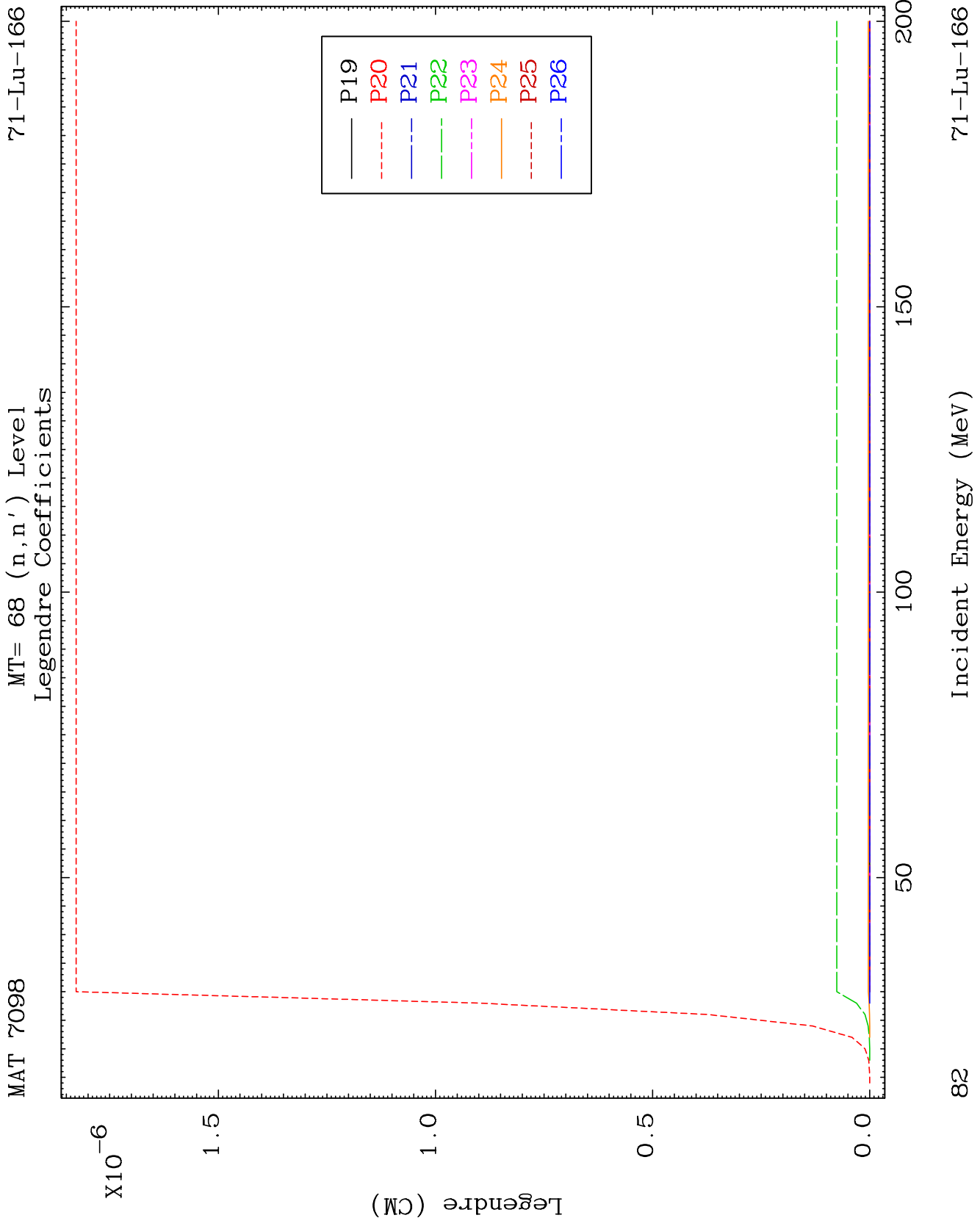
71-Lu-166



81

Incident Energy (MeV)

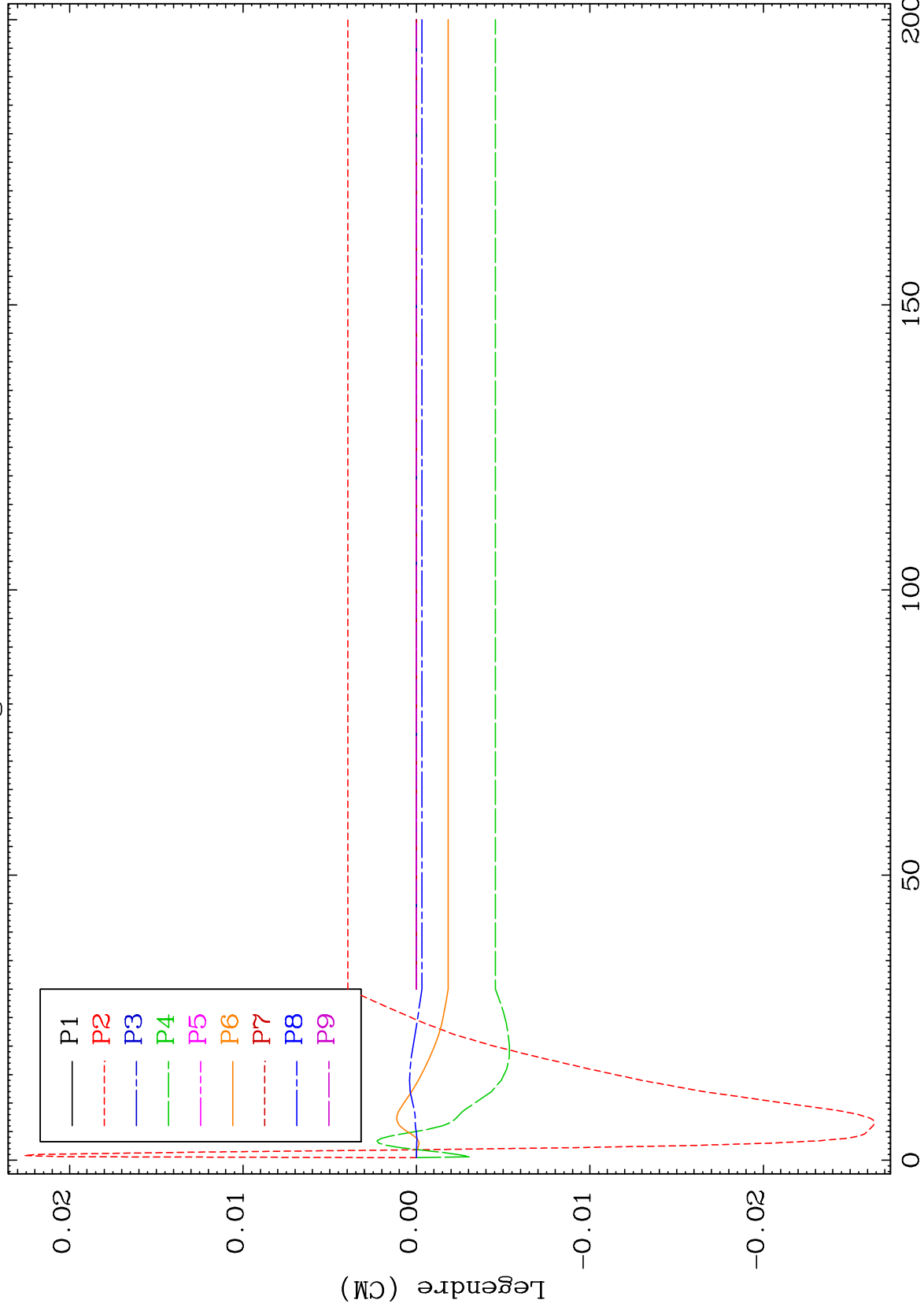
71-Lu-166



MAT 7098

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

71-Lu-166



83

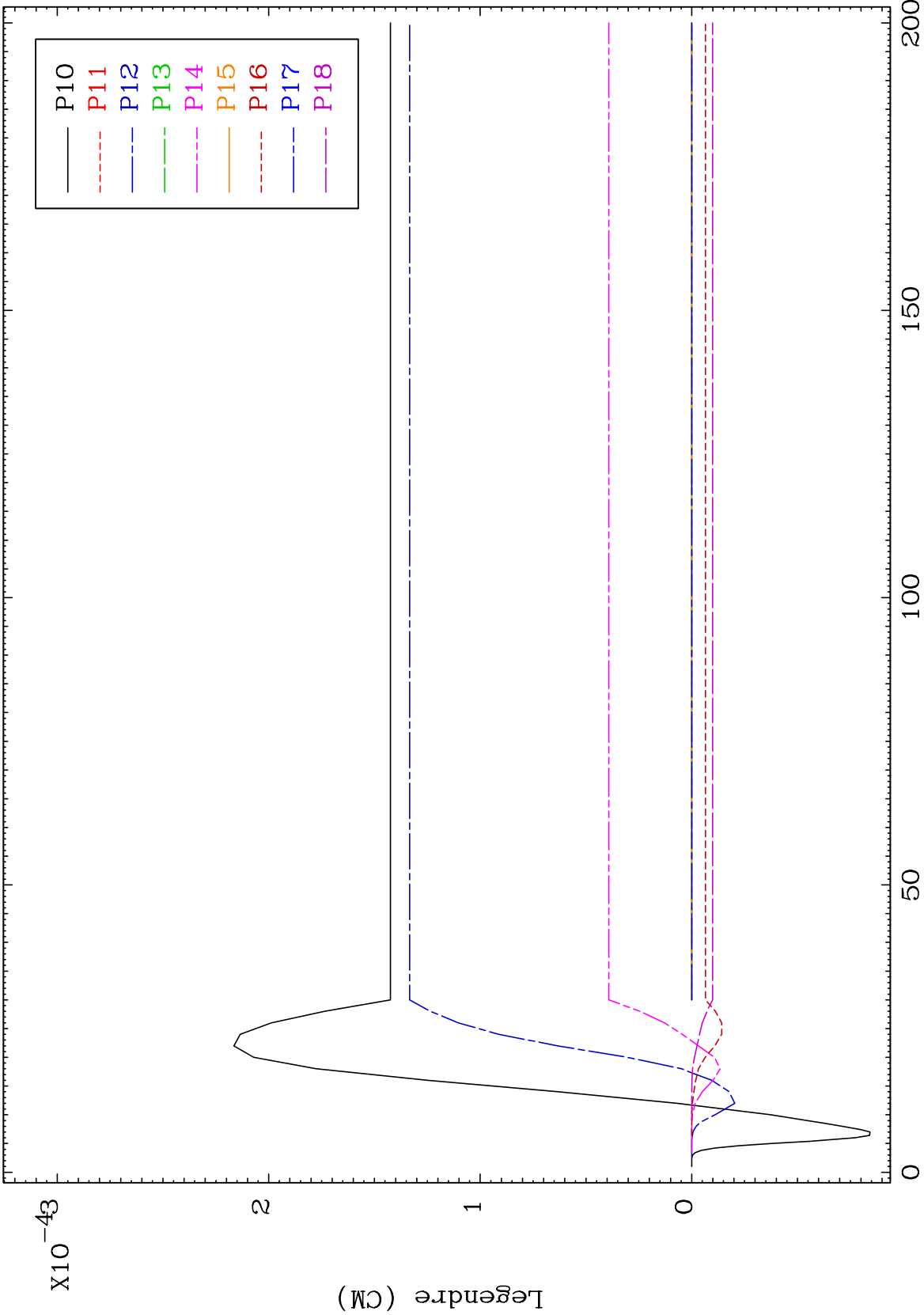
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

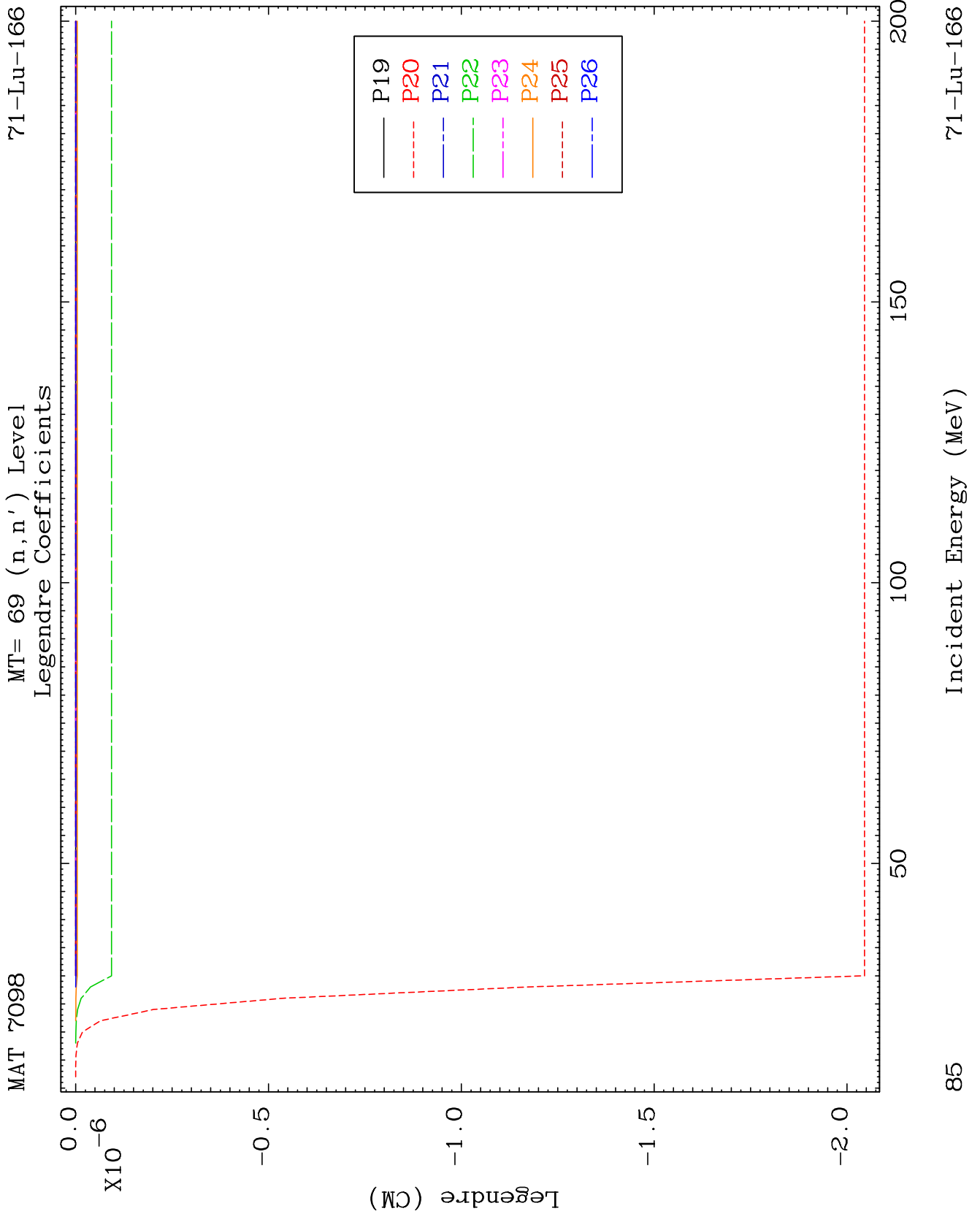
71-Lu-166

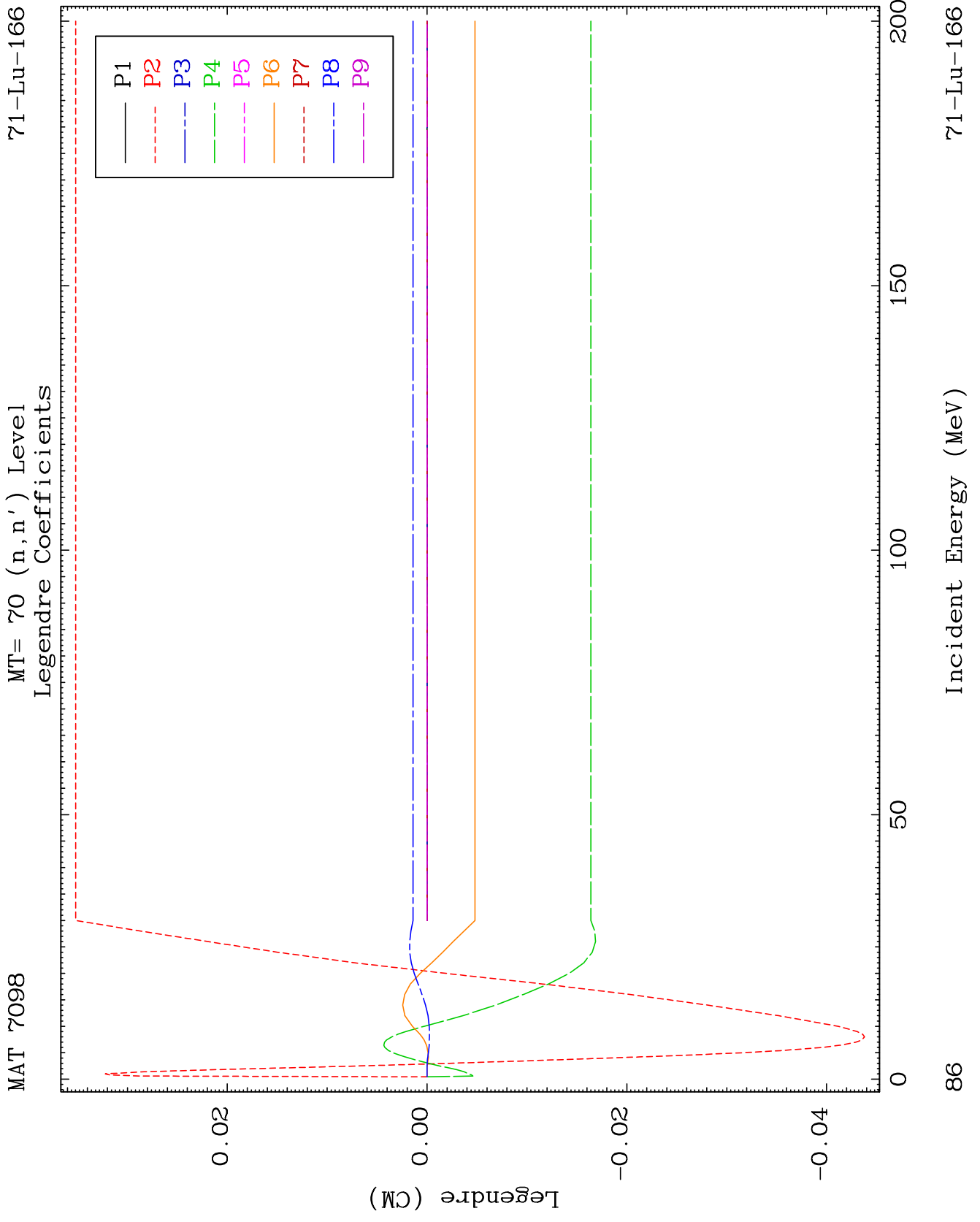


84

Incident Energy (MeV)

71-Lu-166

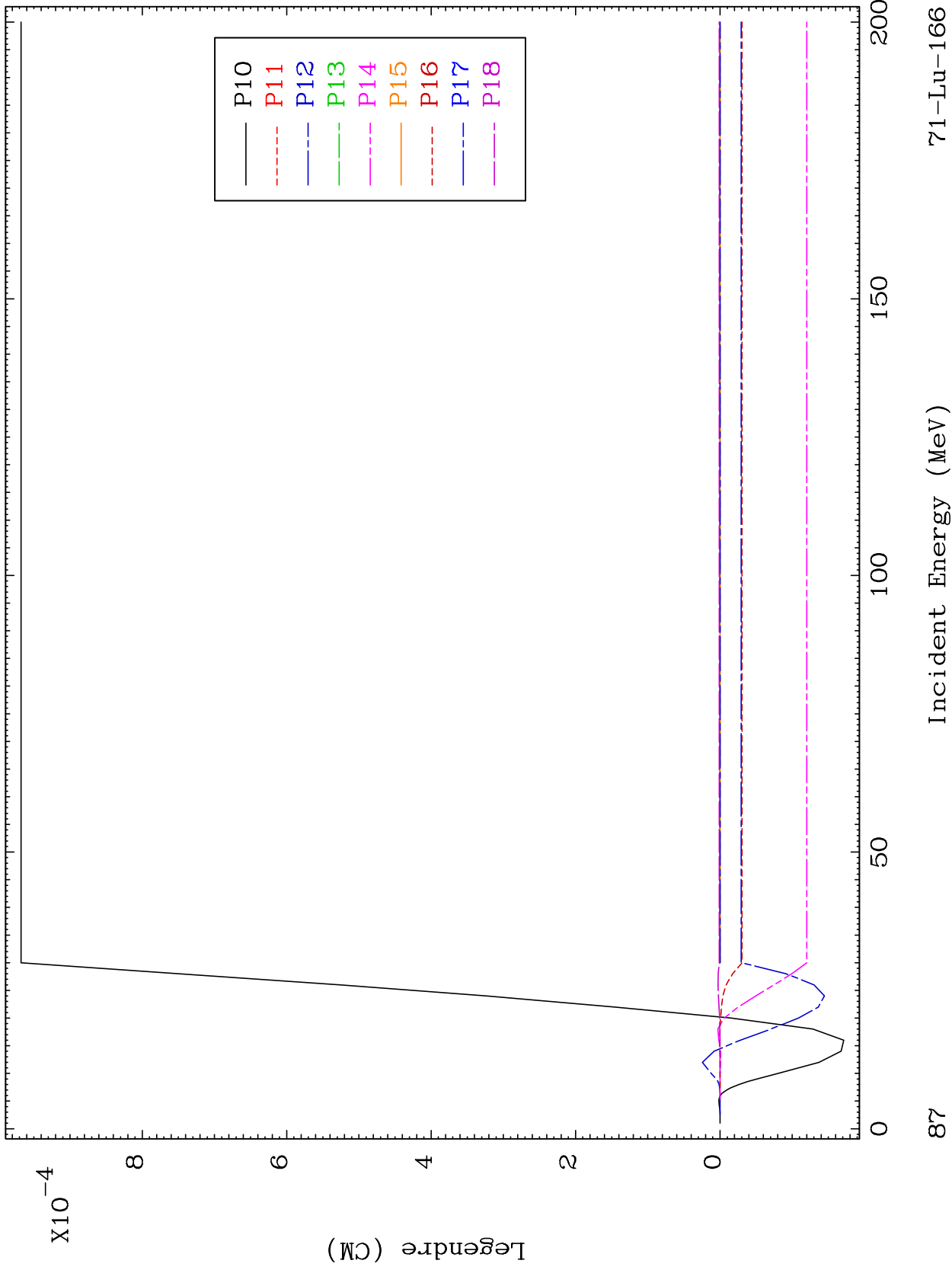




MAT 7098

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

71-Lu-166

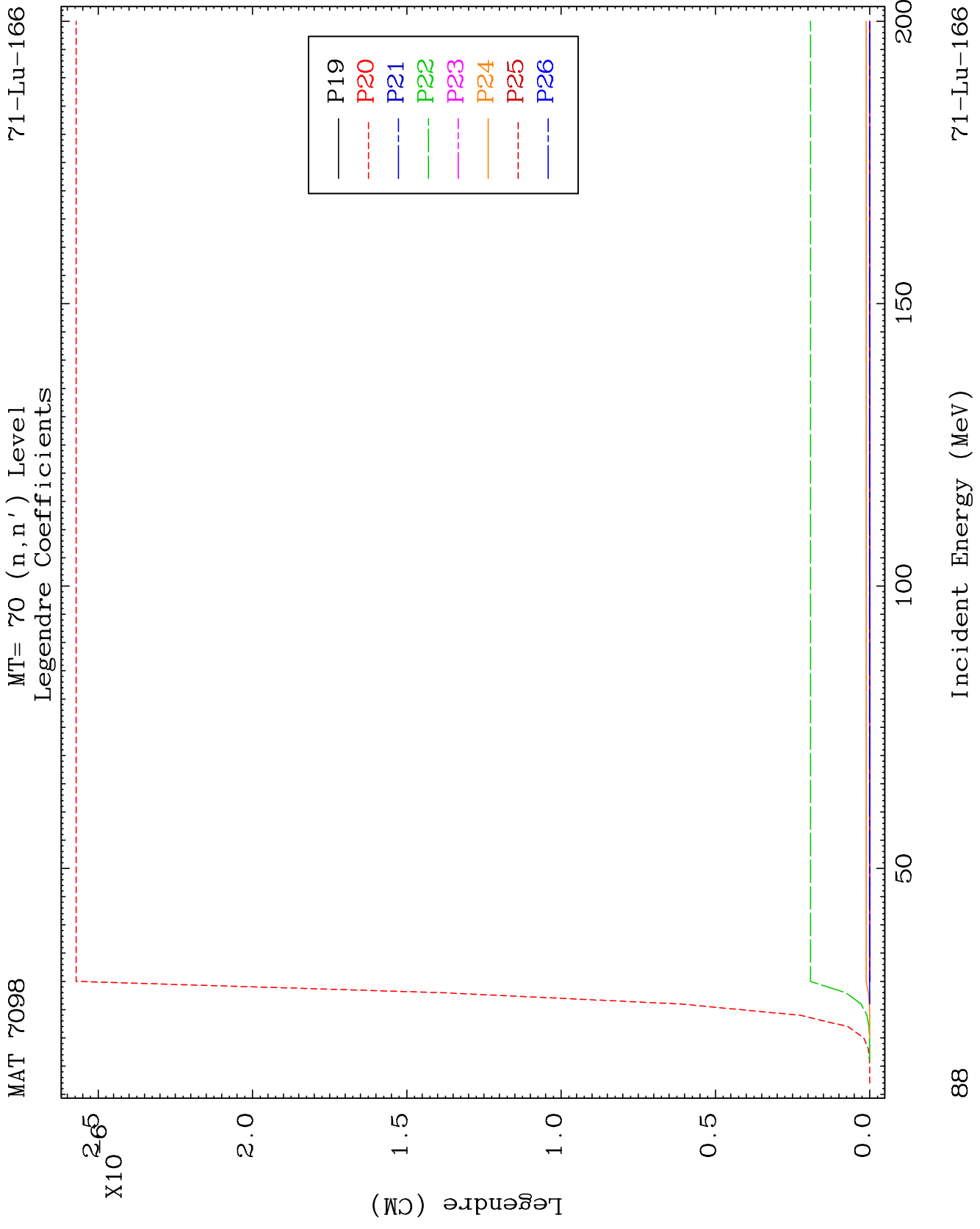


71-Lu-166

Incident Energy (MeV)

87

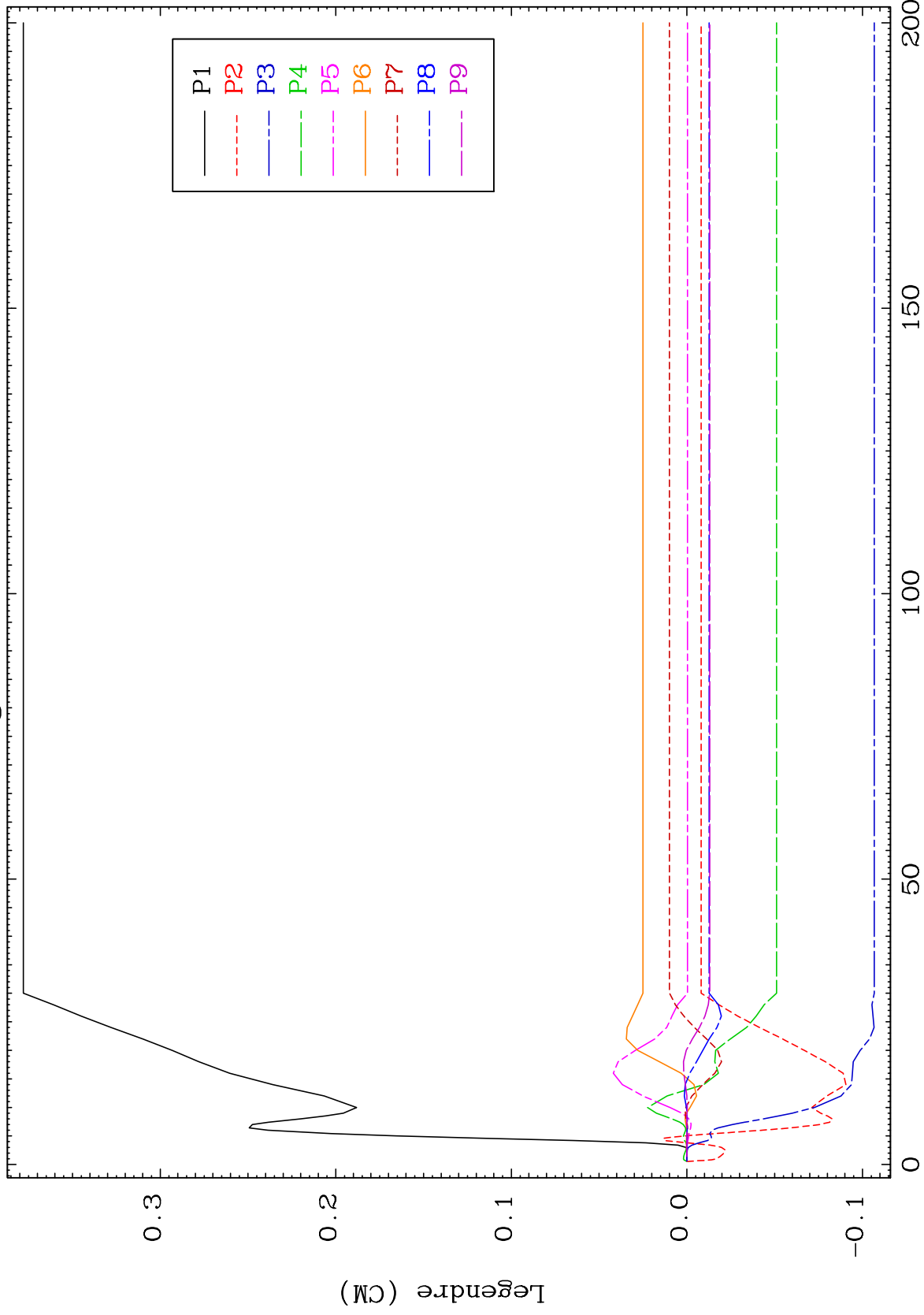




MAT 7098

MT= 71 (n,n') Level  
Legendre Coefficients

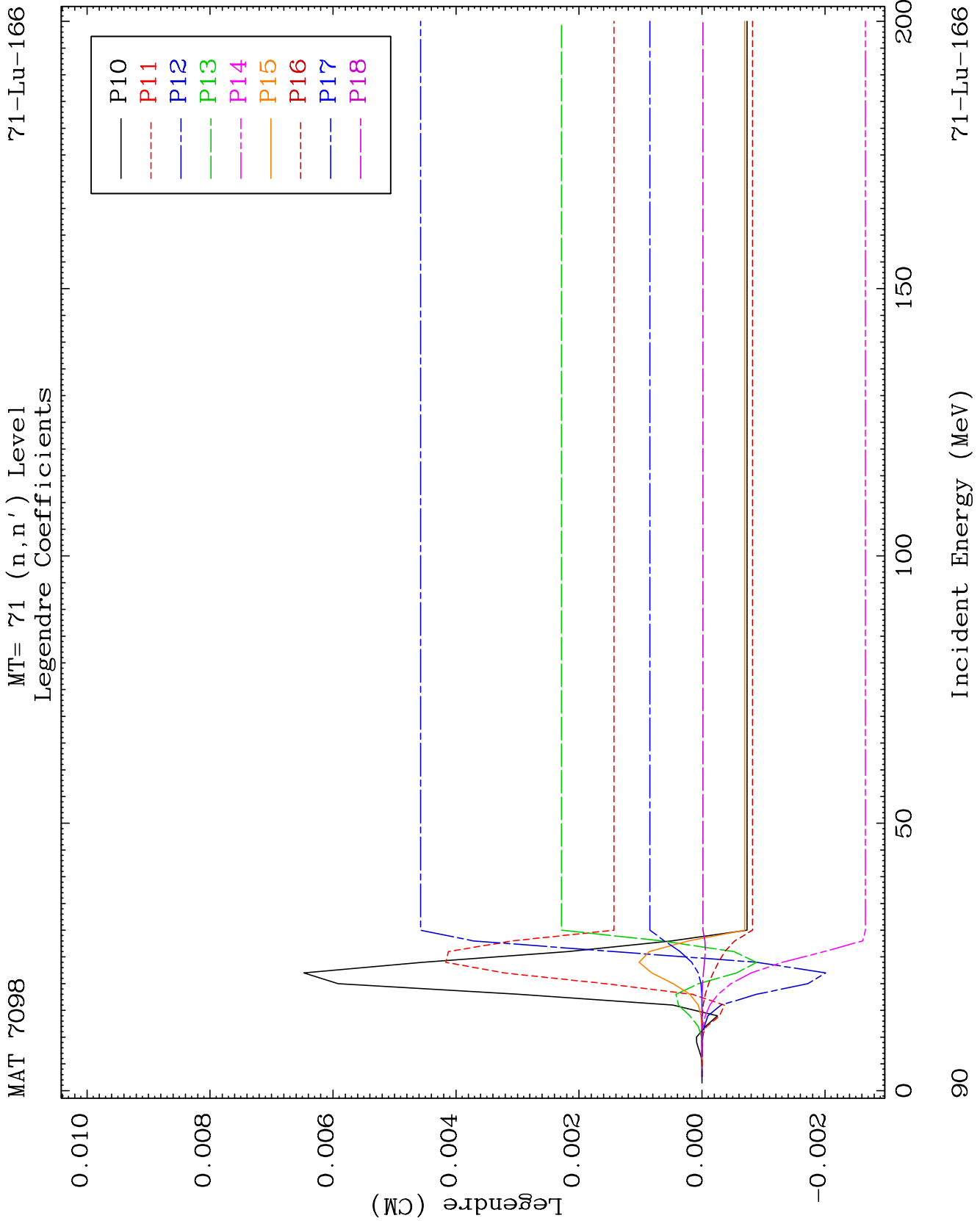
71-Lu-166



89

Incident Energy (MeV)

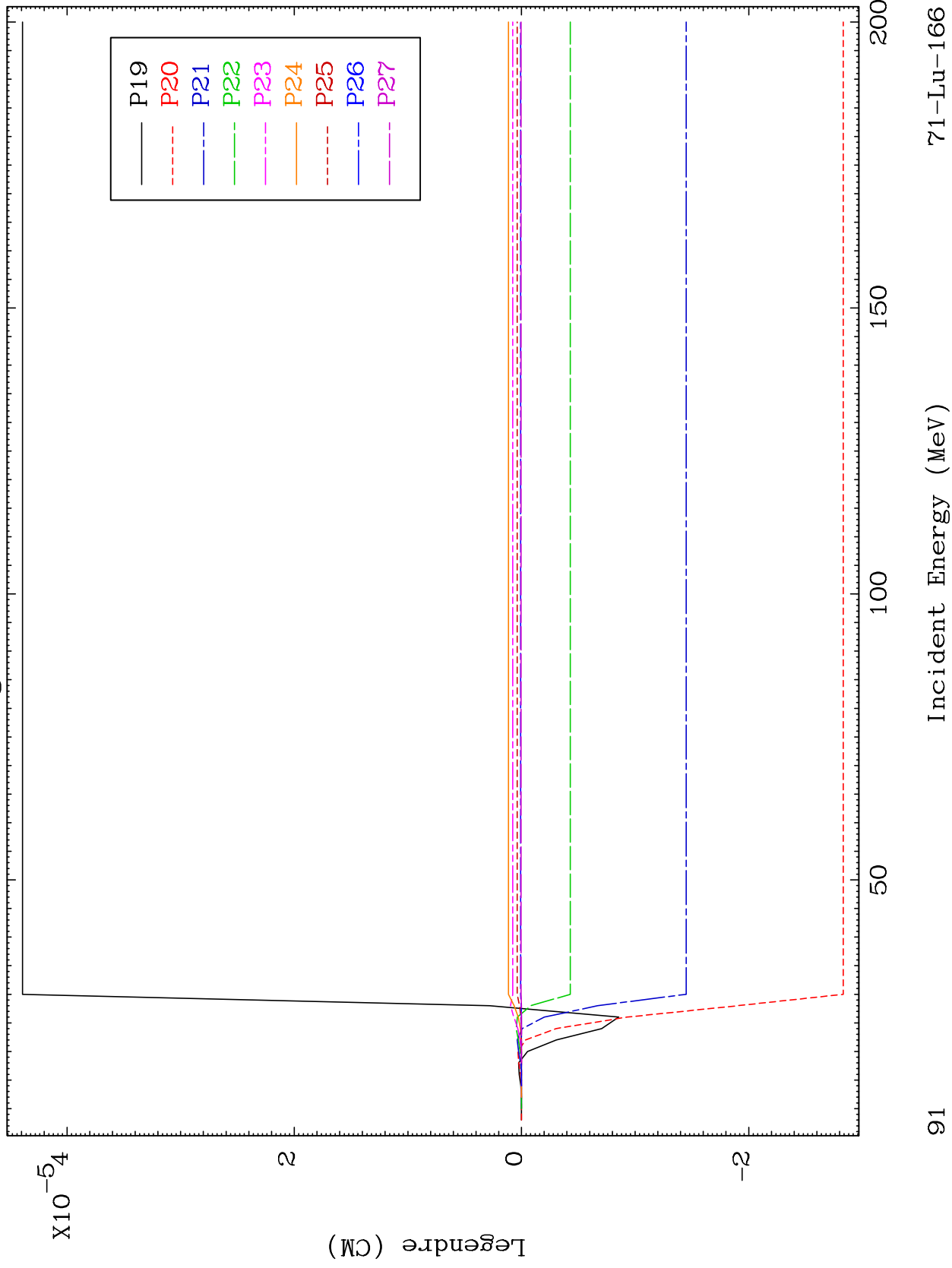
71-Lu-166

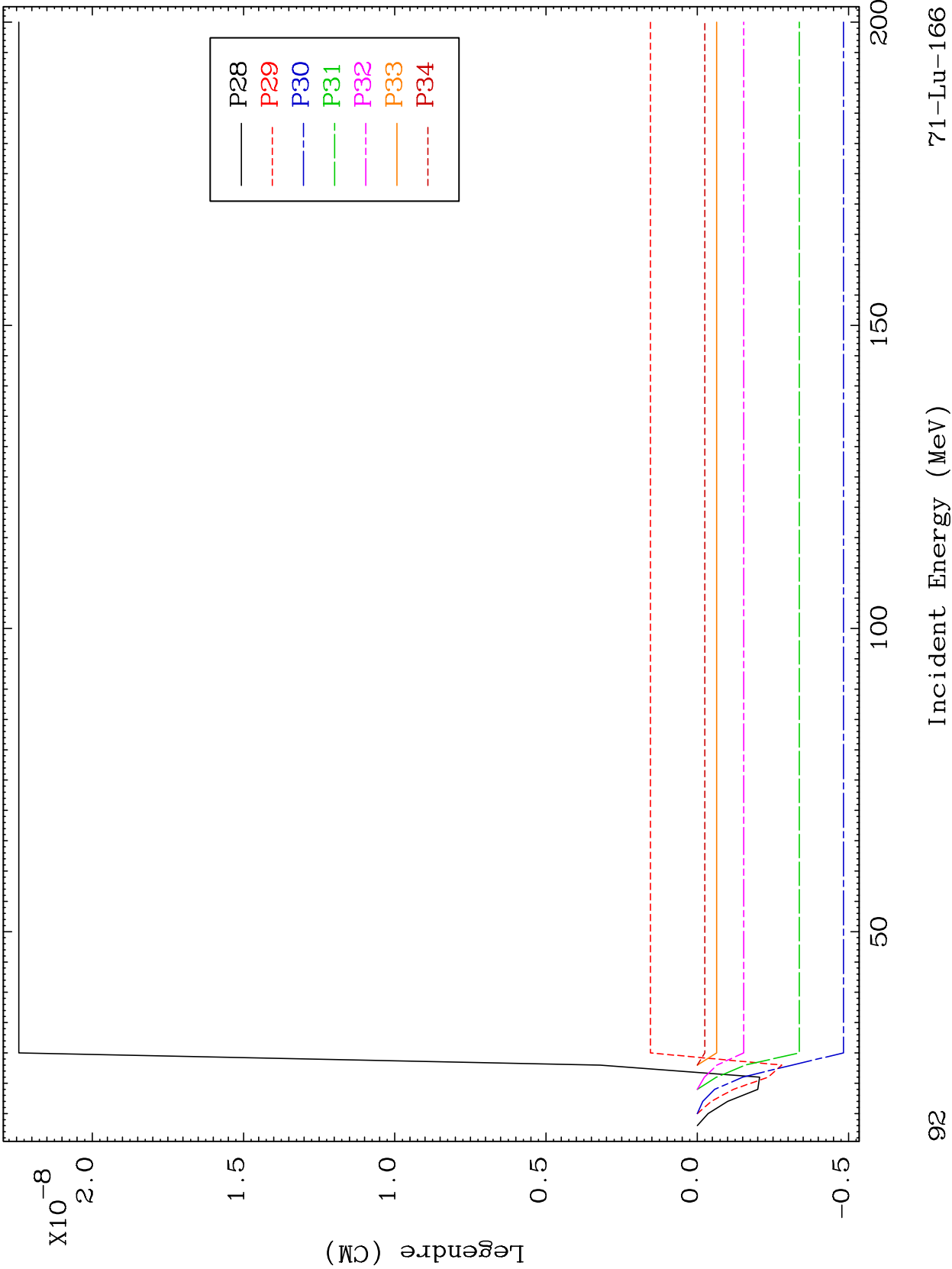


MAT 7098

MT= 71 (n,n') Level  
Legendre Coefficients

71-Lu-166

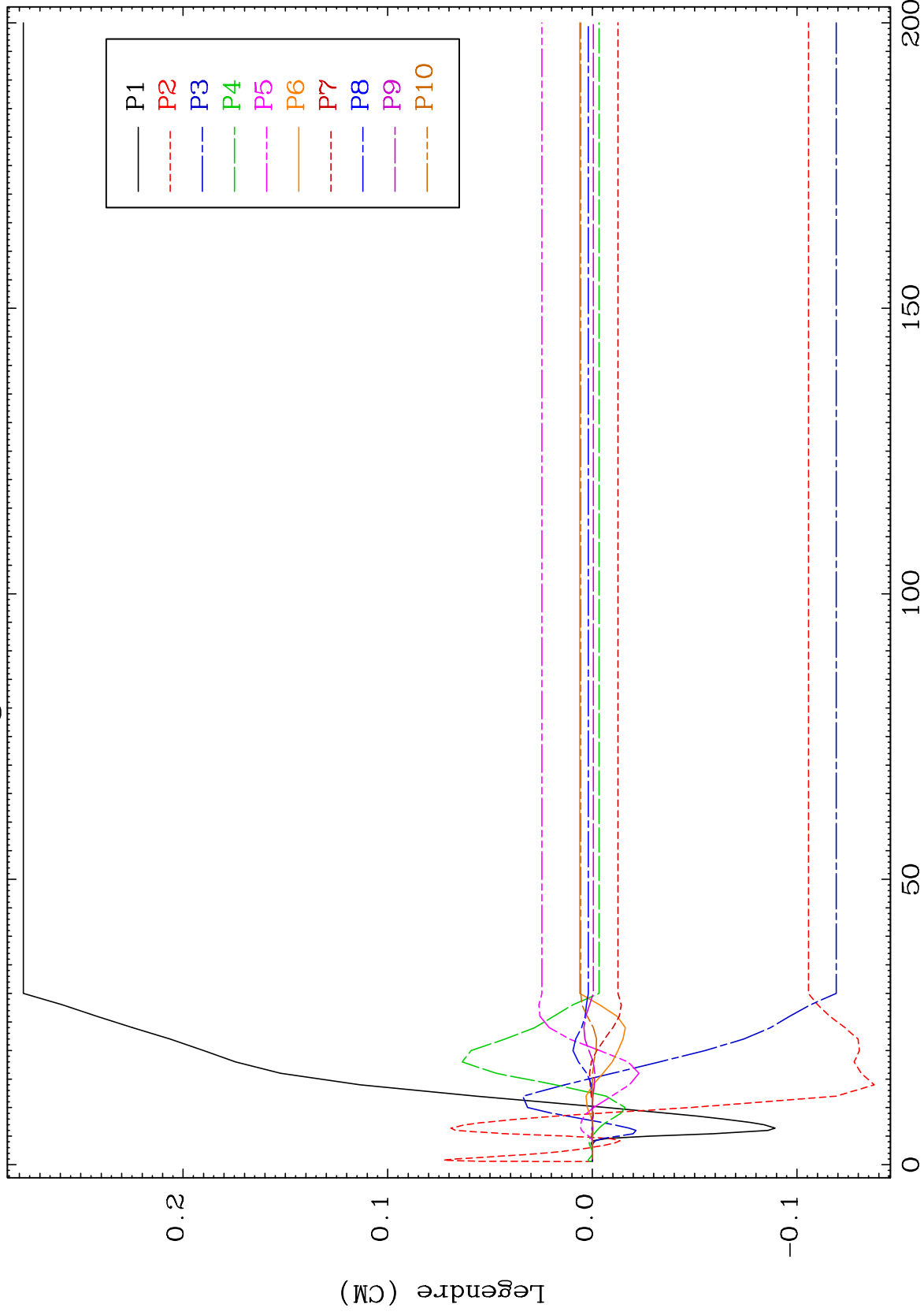




MAT 7098

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

71-Lu-166



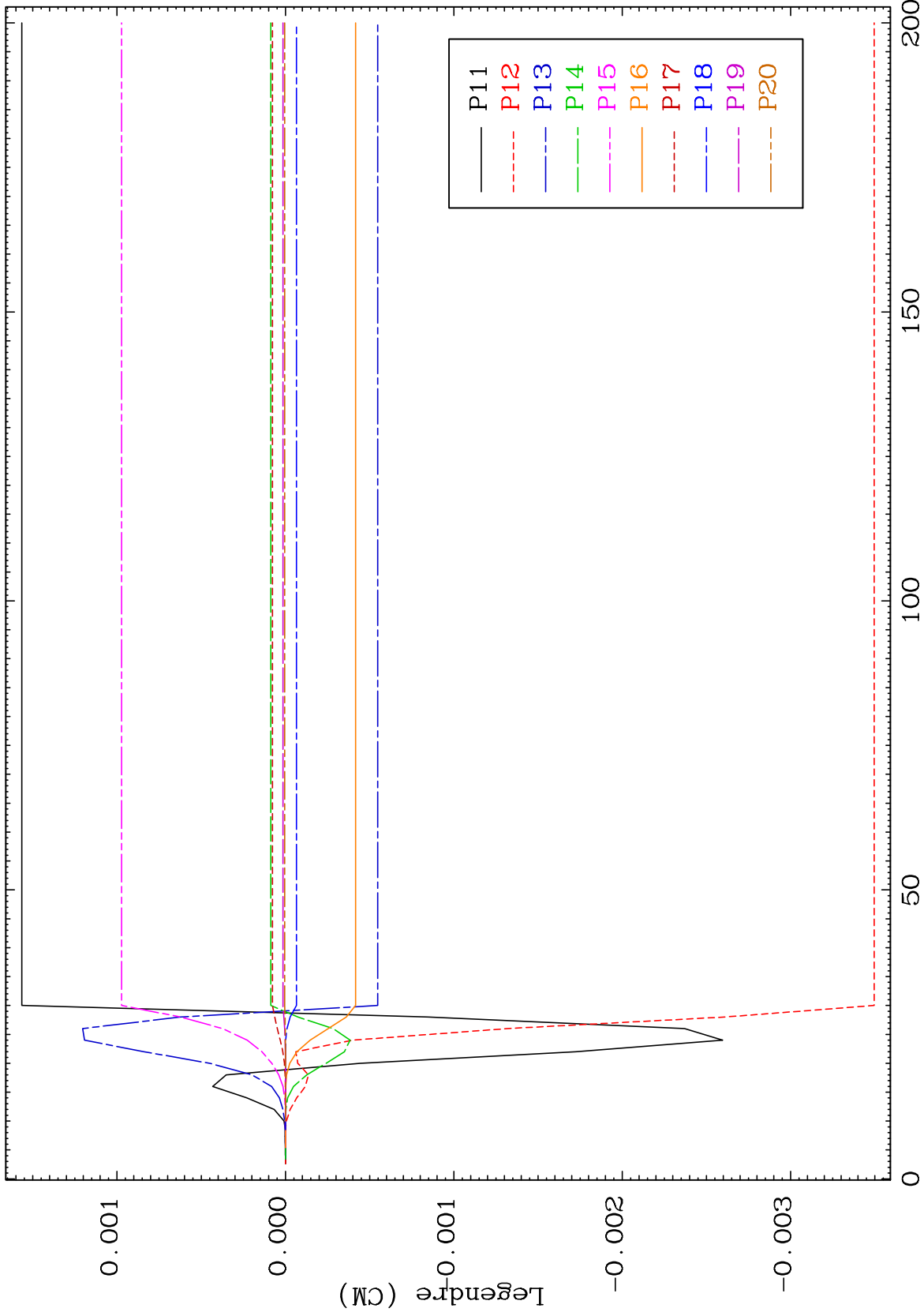
93

71-Lu-166

MAT 7098

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

71-Lu-166



94

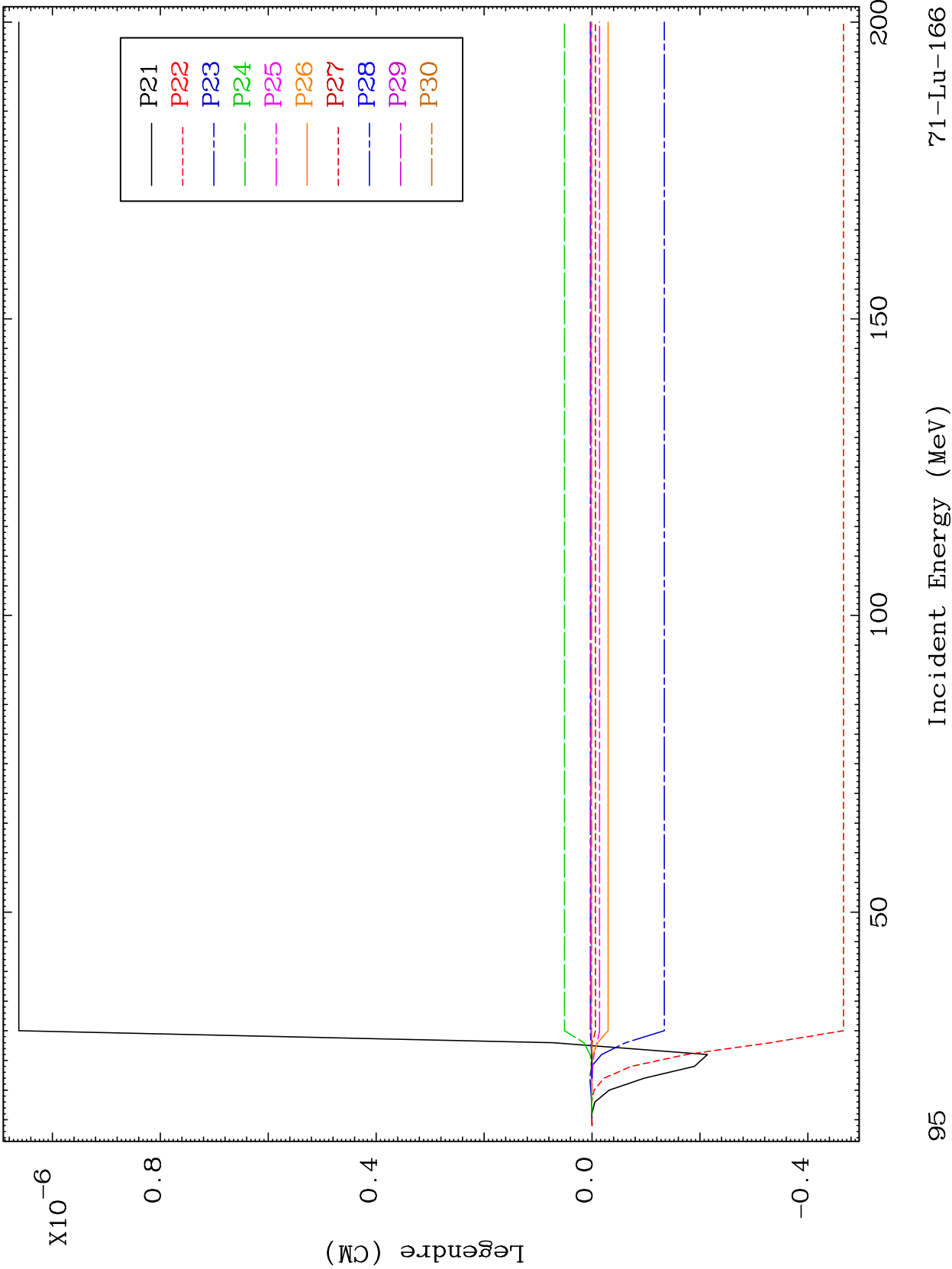
Incident Energy (MeV)

71-Lu-166

MAT 7098

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

71-Lu-166

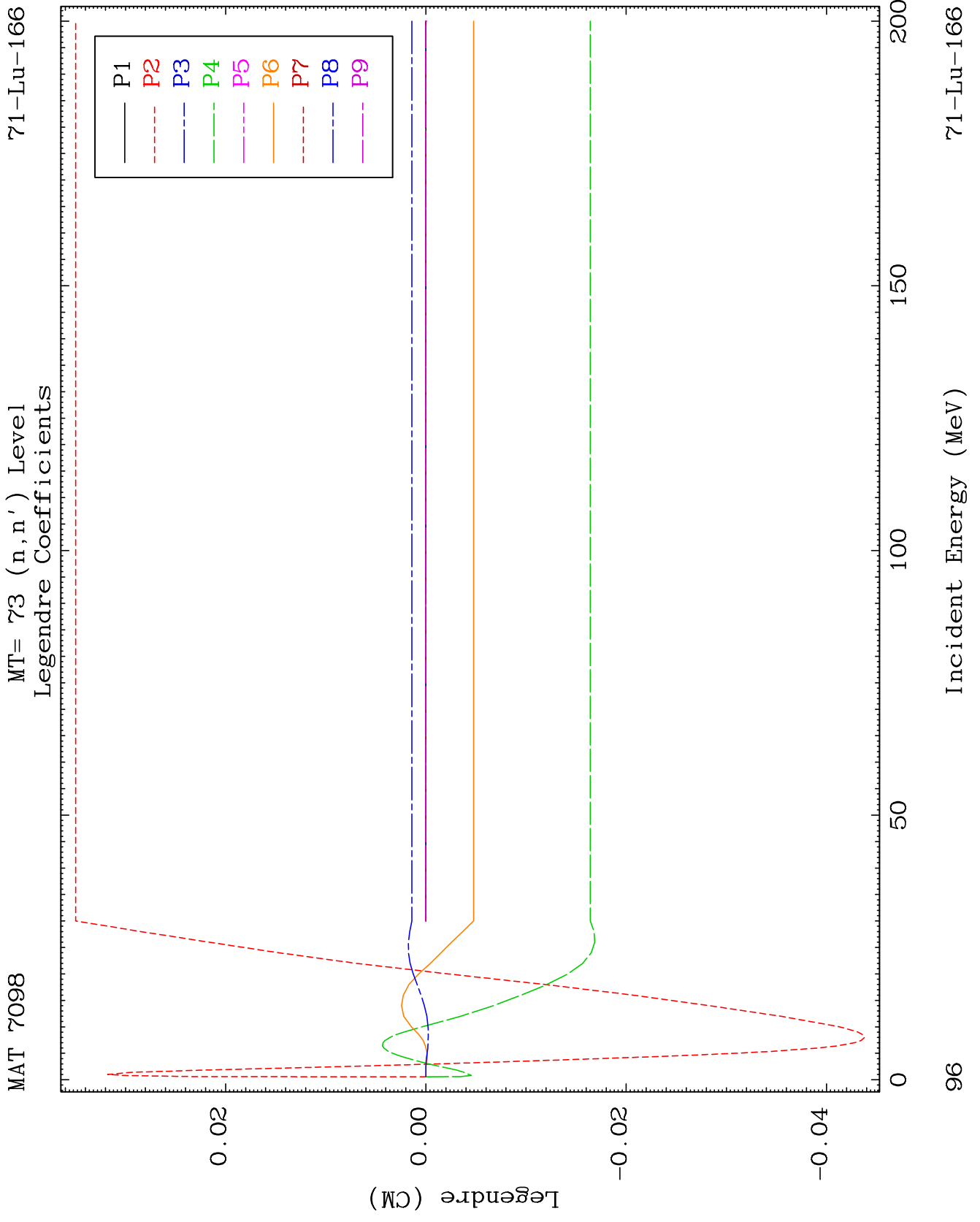


95

Incident Energy (MeV)

71-Lu-166

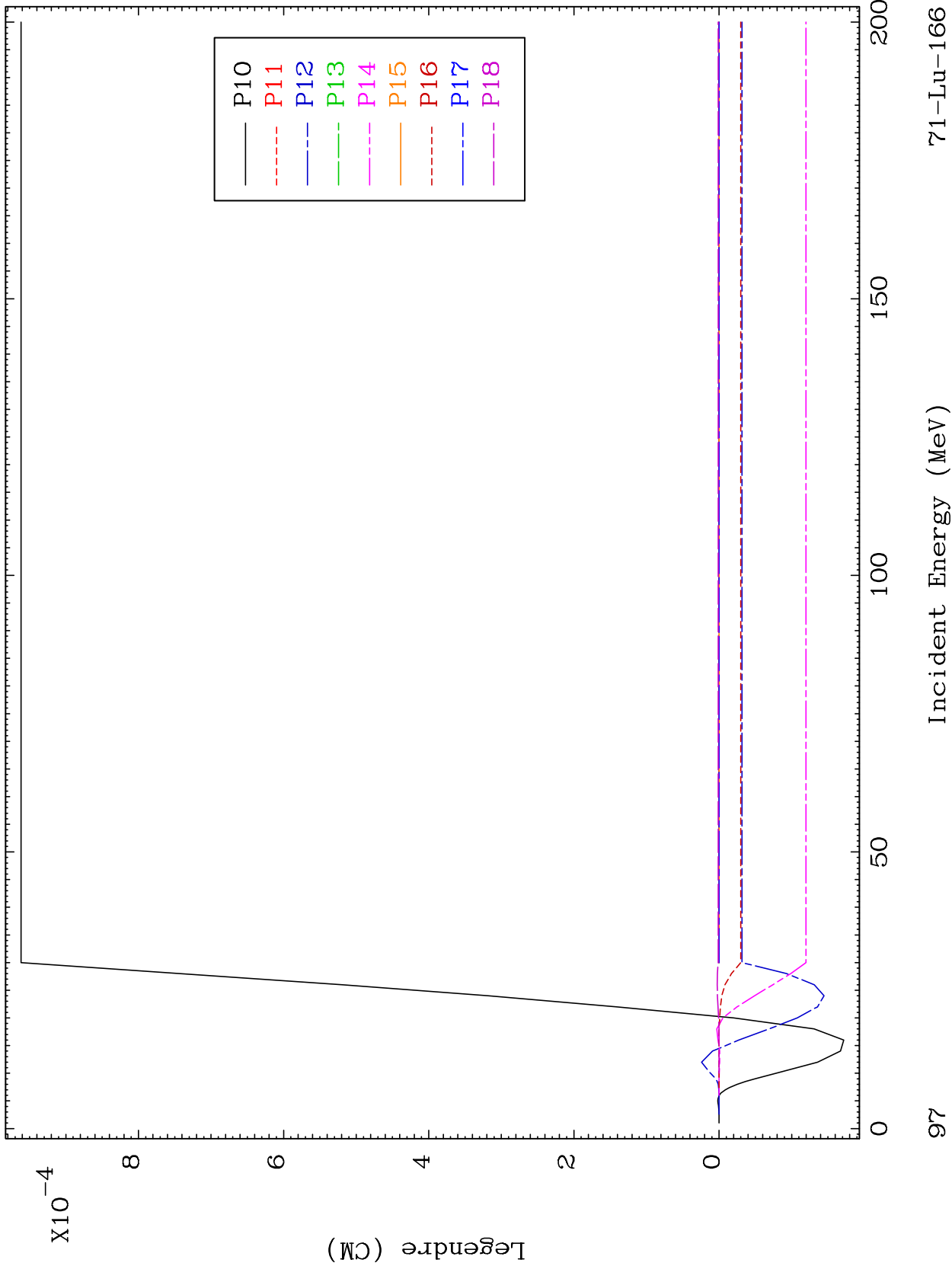




MAT 7098

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

71-Lu-166



71-Lu-166

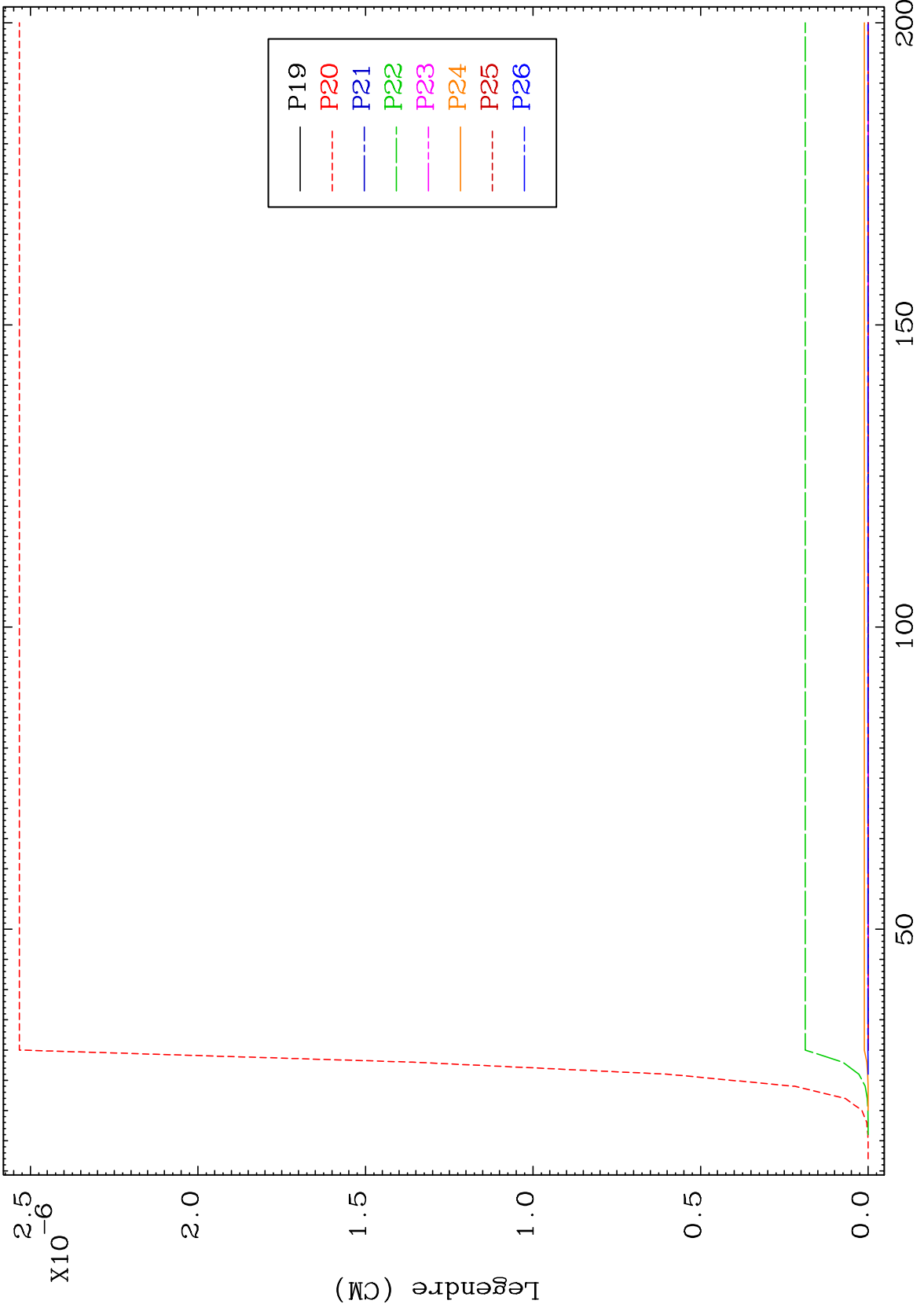
Incident Energy (MeV)

97

MAT 7098

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

71-Lu-166



71-Lu-166

Incident Energy (MeV)

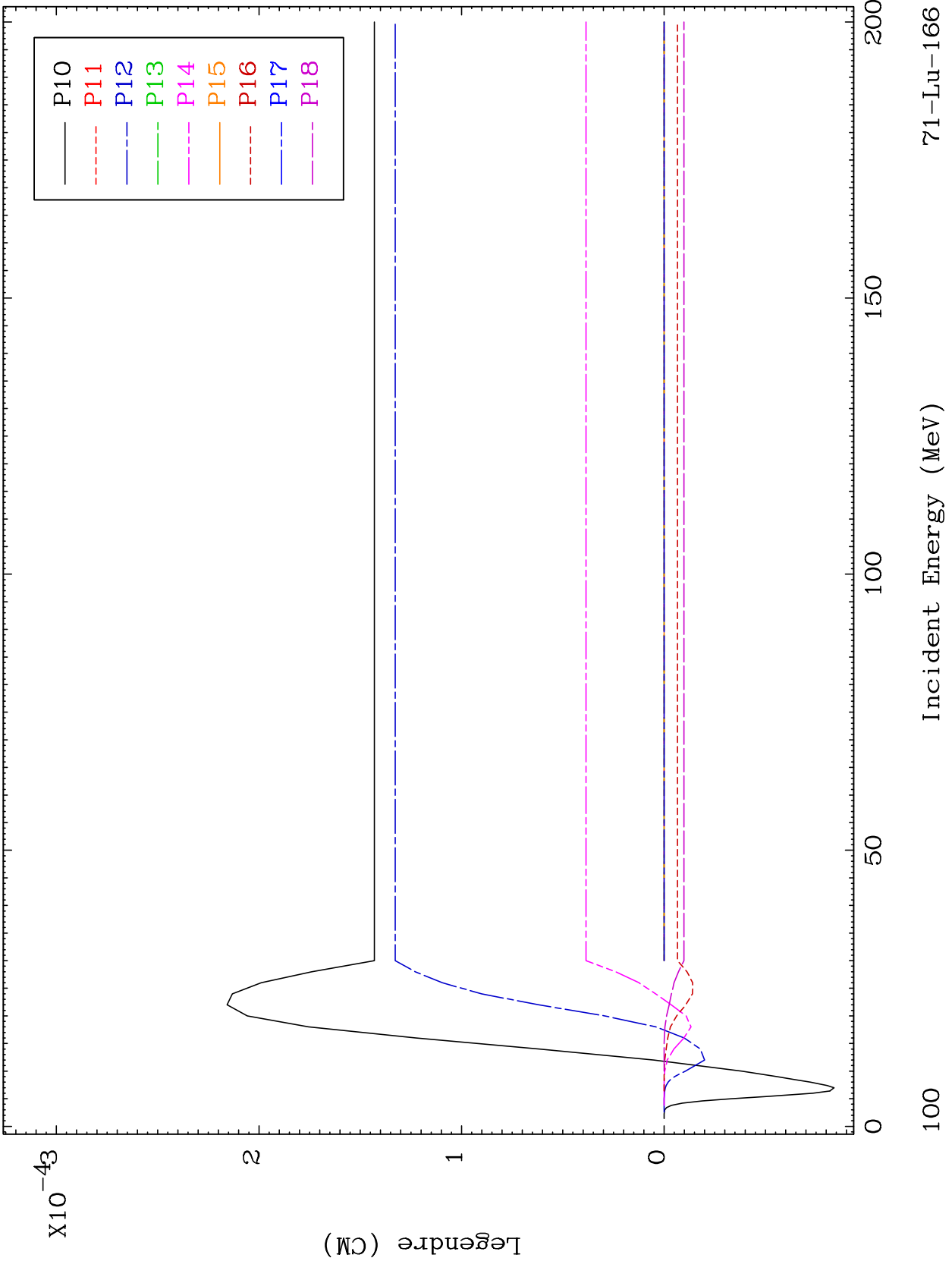
98

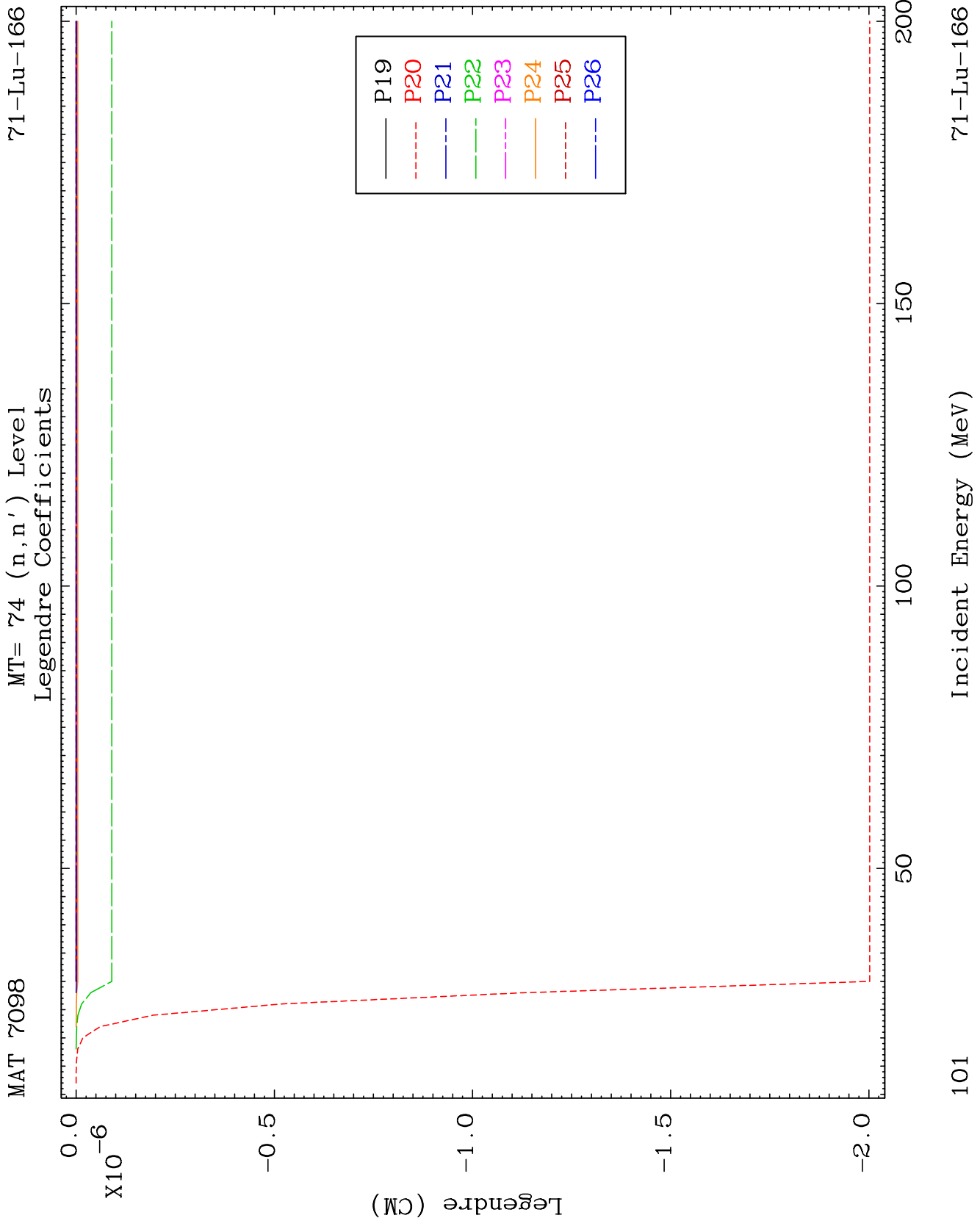


MAT 7098

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

71-Lu-166

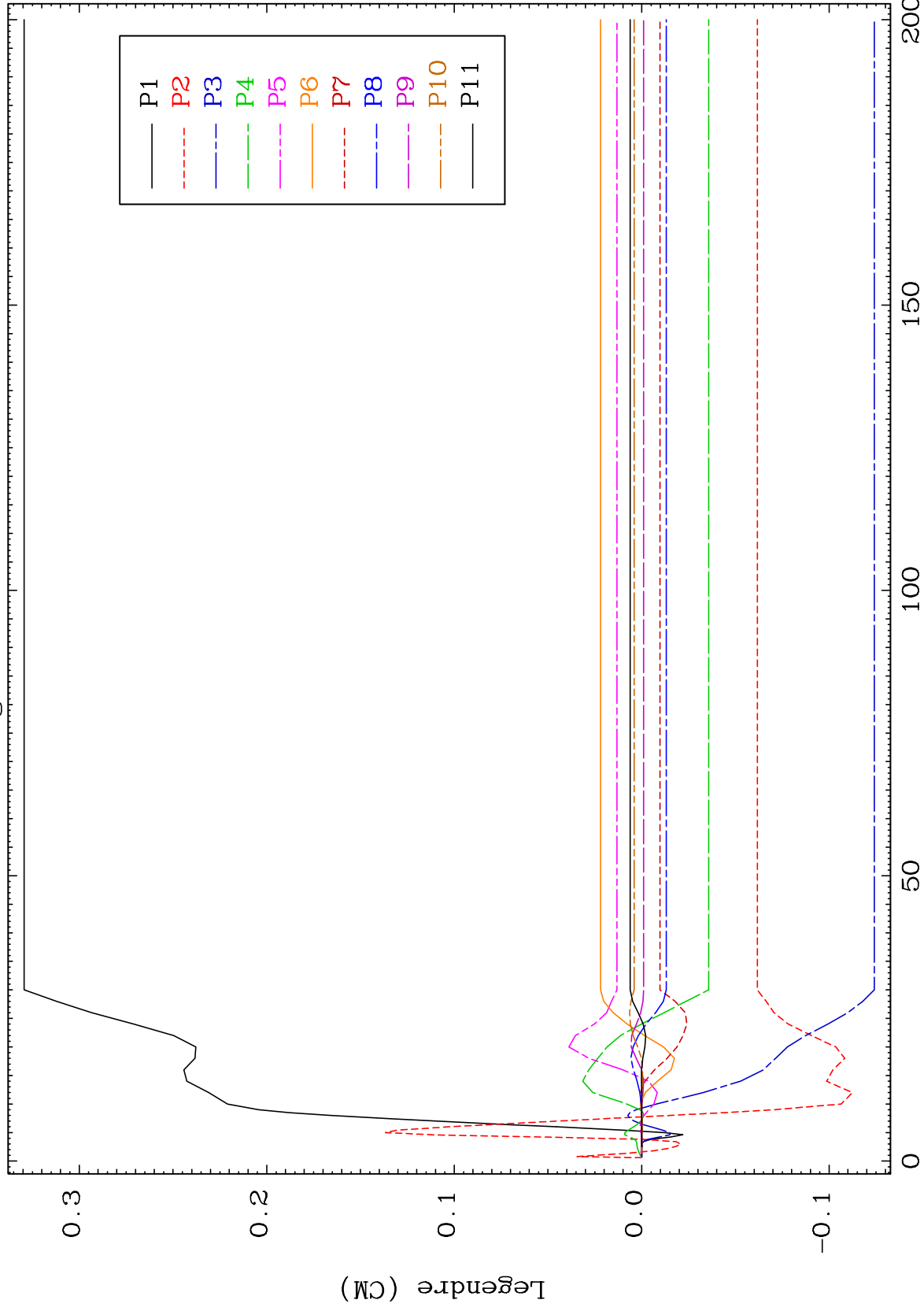




MAT 7098

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

71-Lu-166



71-Lu-166

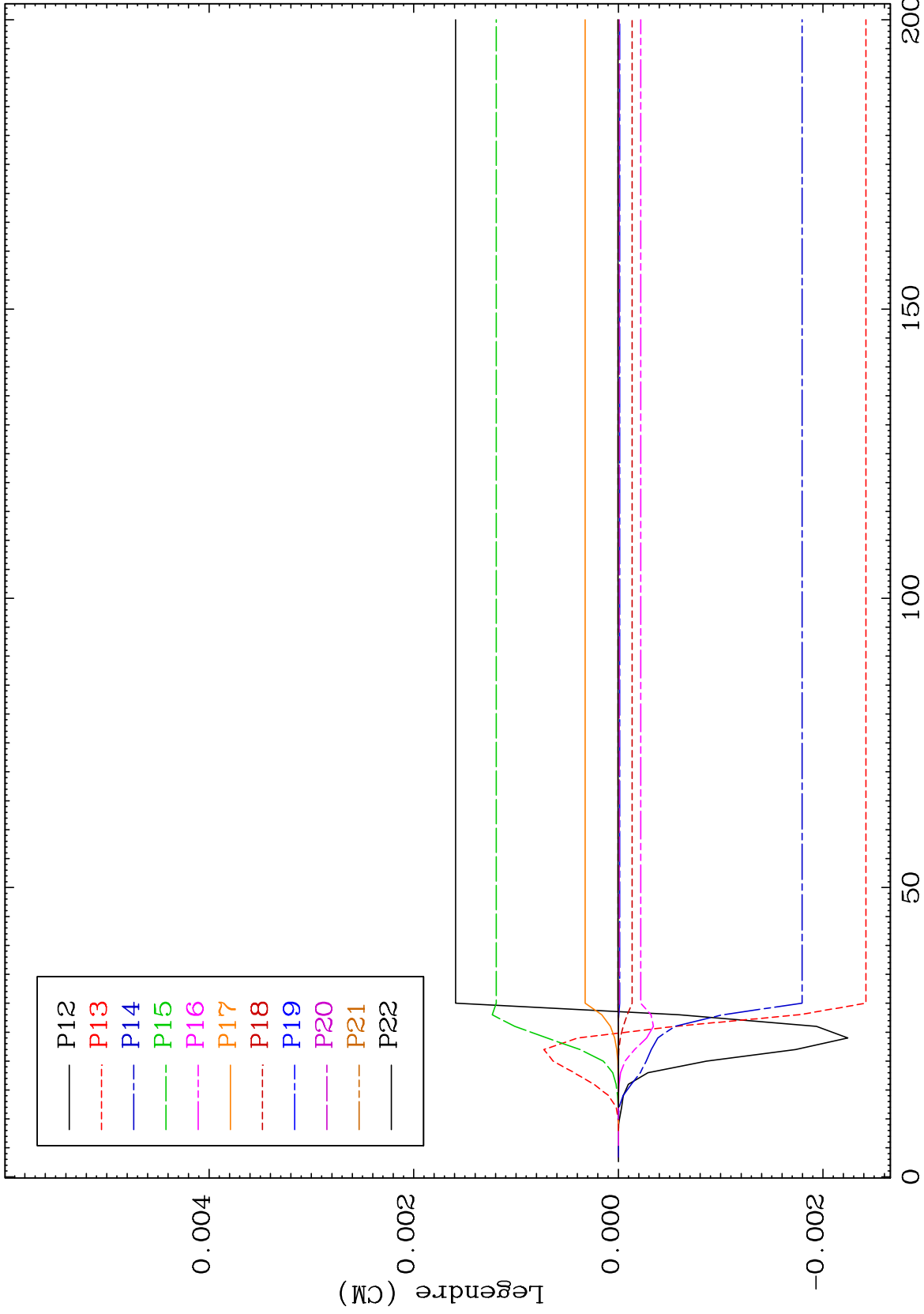
Incident Energy (MeV)

102

MAT 7098

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

71-Lu-166



103

Incident Energy (MeV)

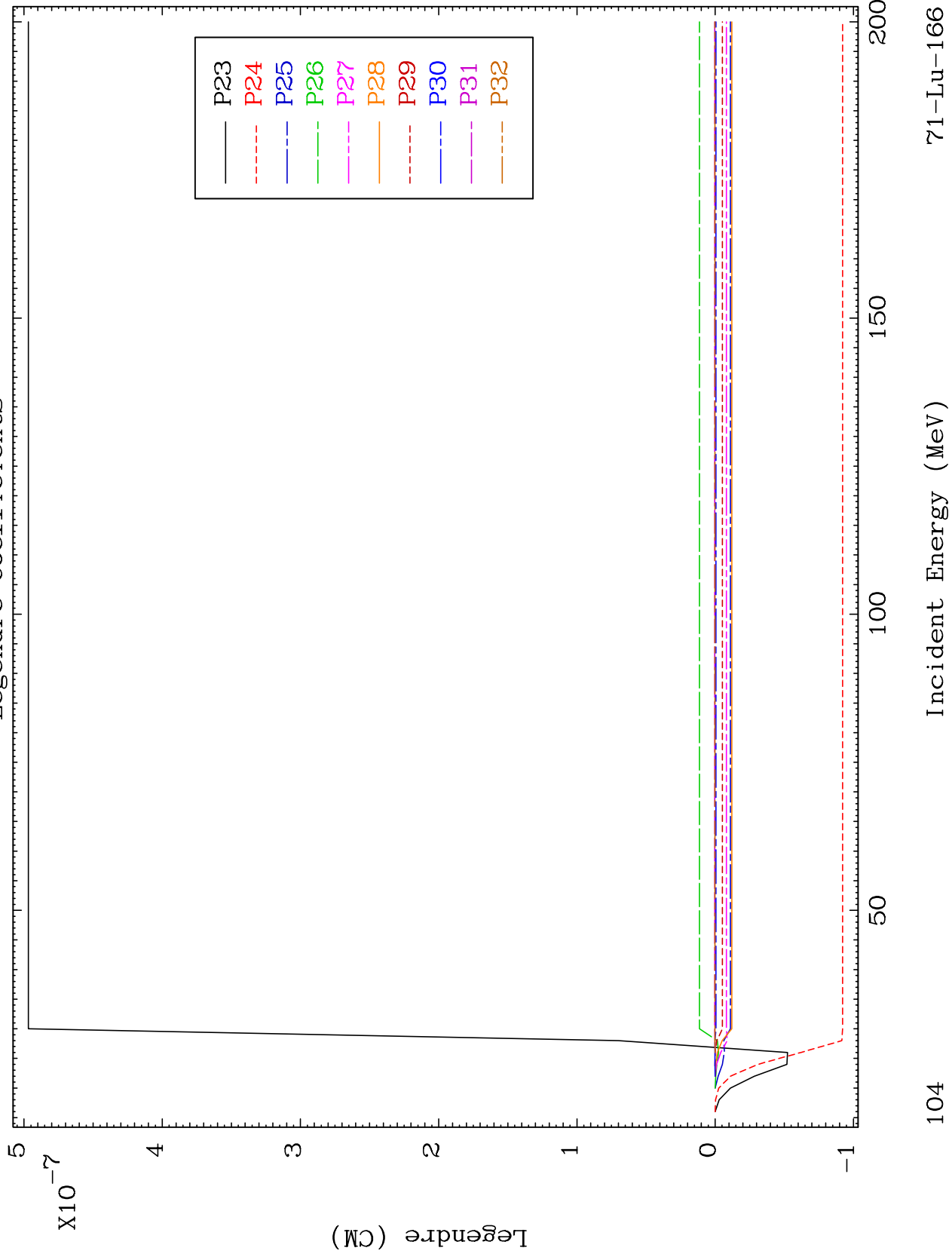
71-Lu-166



MAT 7098

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

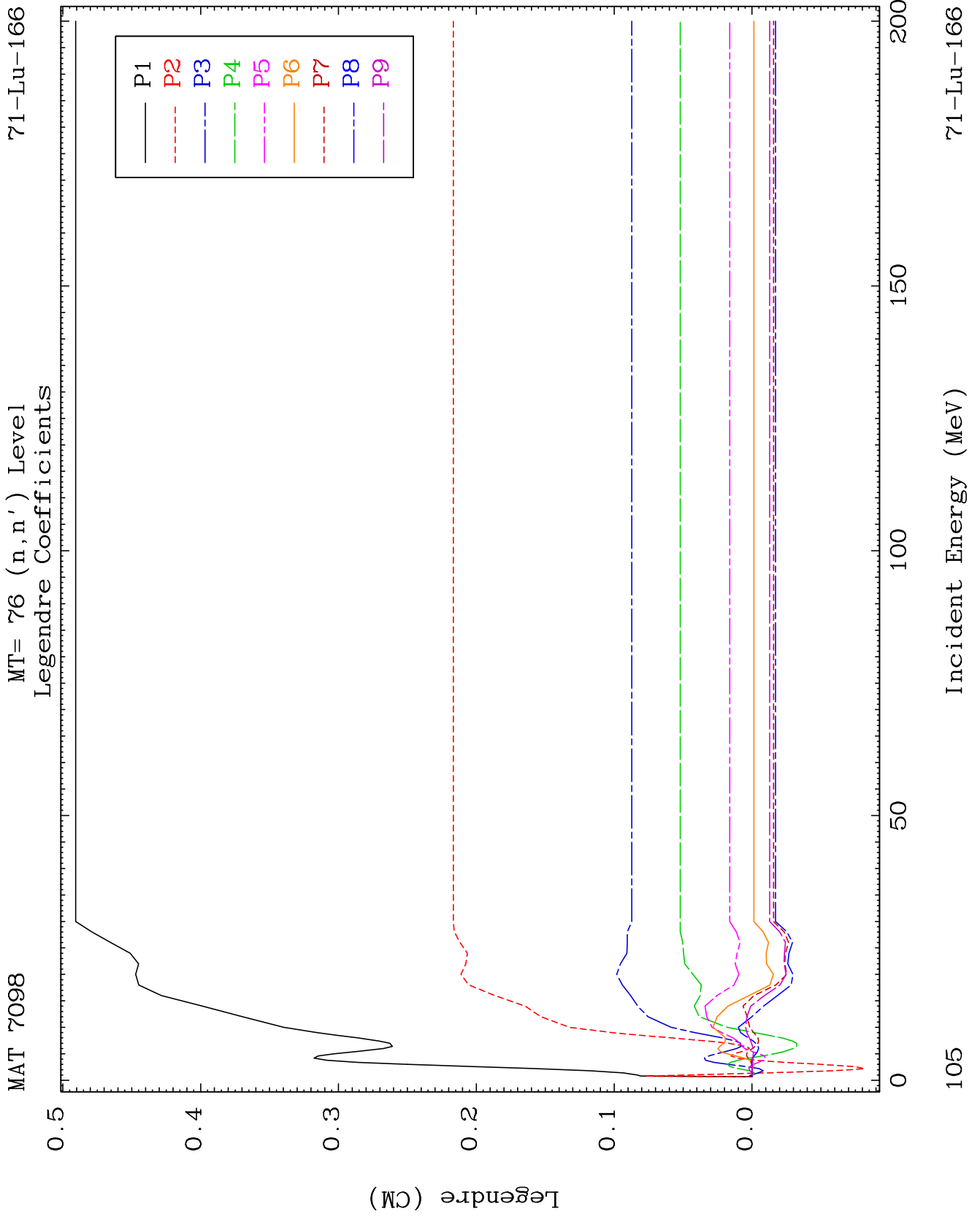
71-Lu-166



104

Incident Energy (MeV)

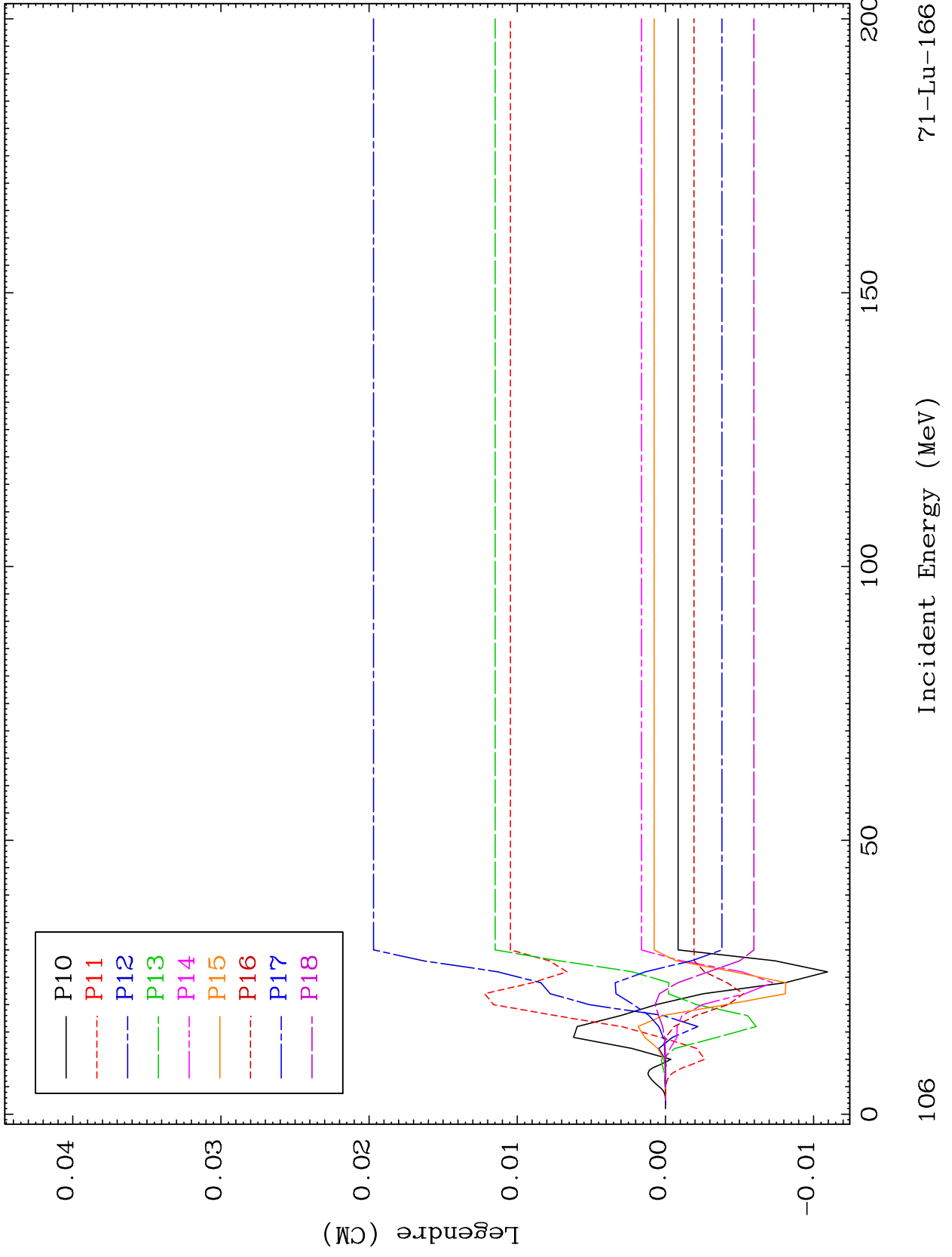
71-Lu-166



MAT 7098

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

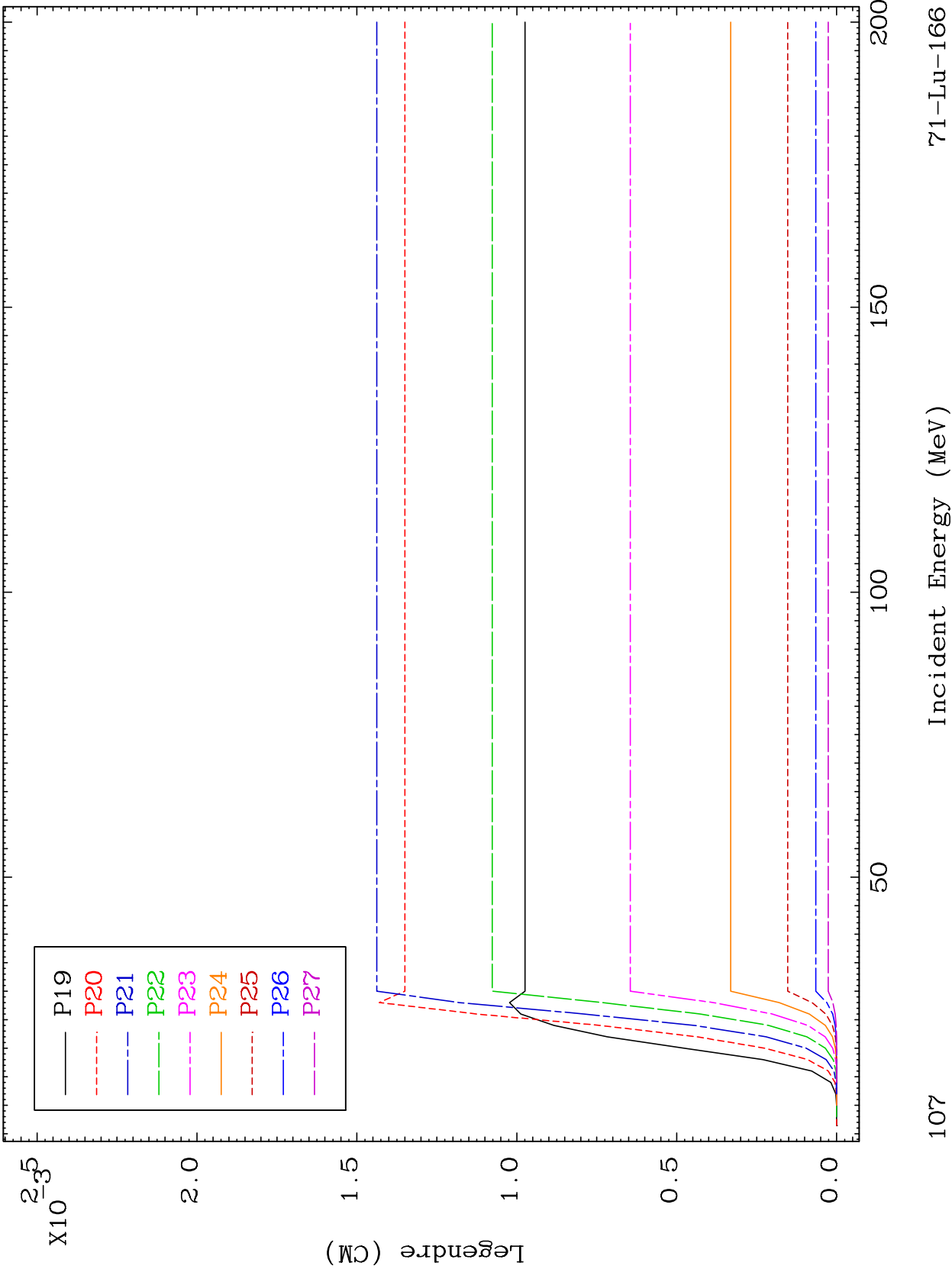
71-Lu-166



106

Incident Energy (MeV)

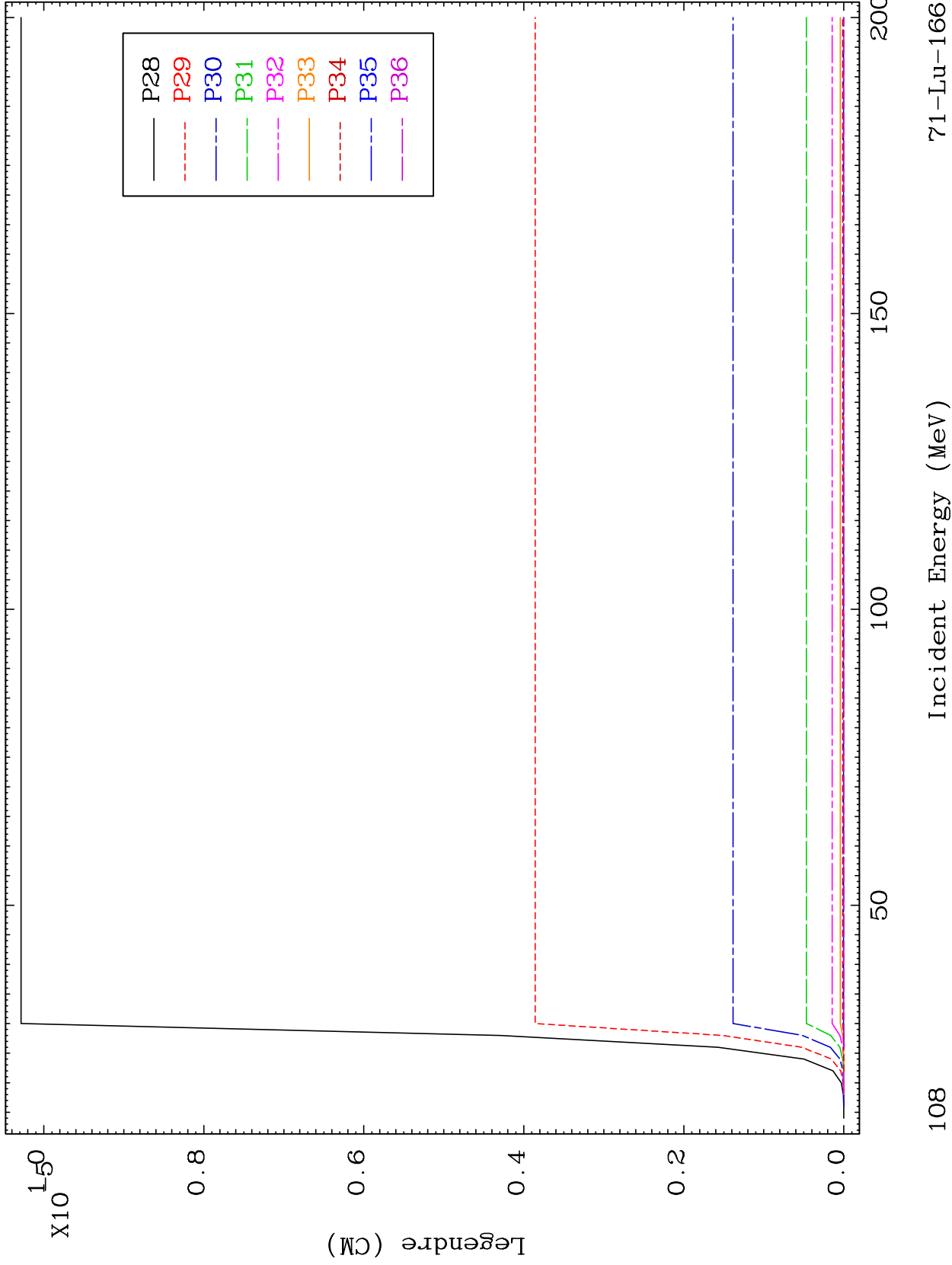
71-Lu-166



MAT 7098

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

71-Lu-166

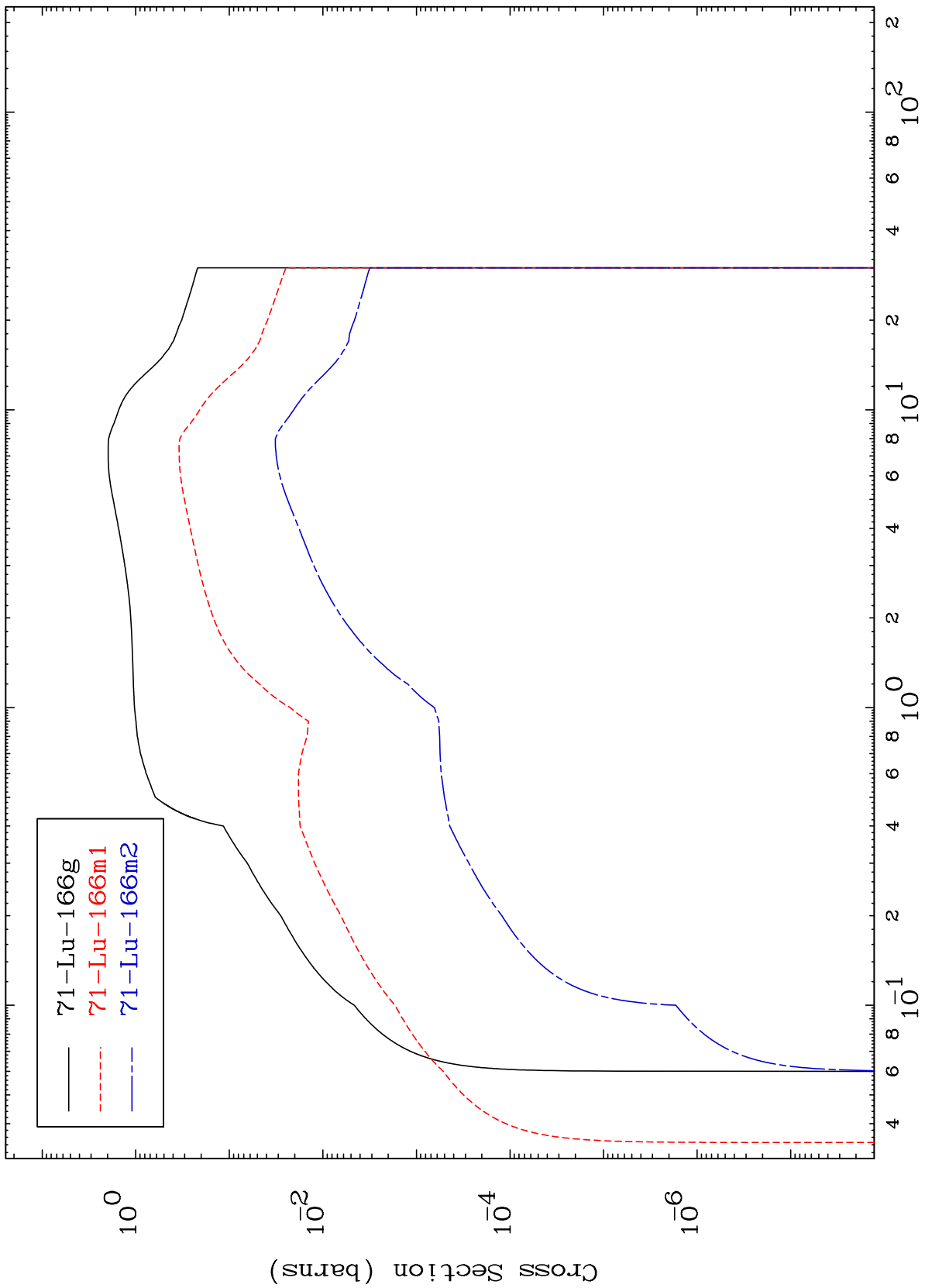


108

Incident Energy (MeV)

71-Lu-166

Radionuclide Production Cross Section



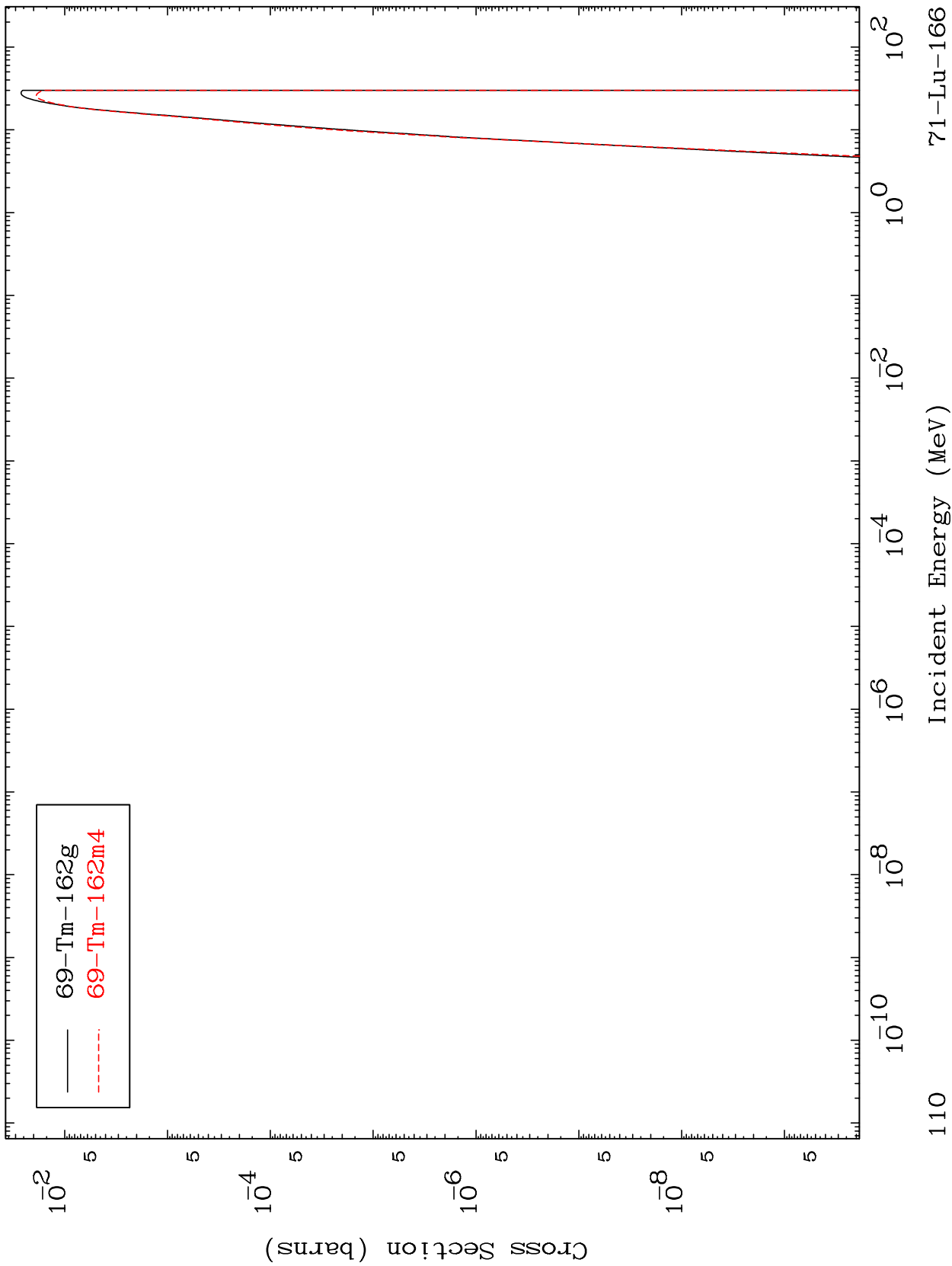
71-Lu-166g  
71-Lu-166m1  
71-Lu-166m2

MAT 7098

$(n, n') \alpha$

71-Lu-166

Radionuclide Production Cross Section



110

Incident Energy (MeV)

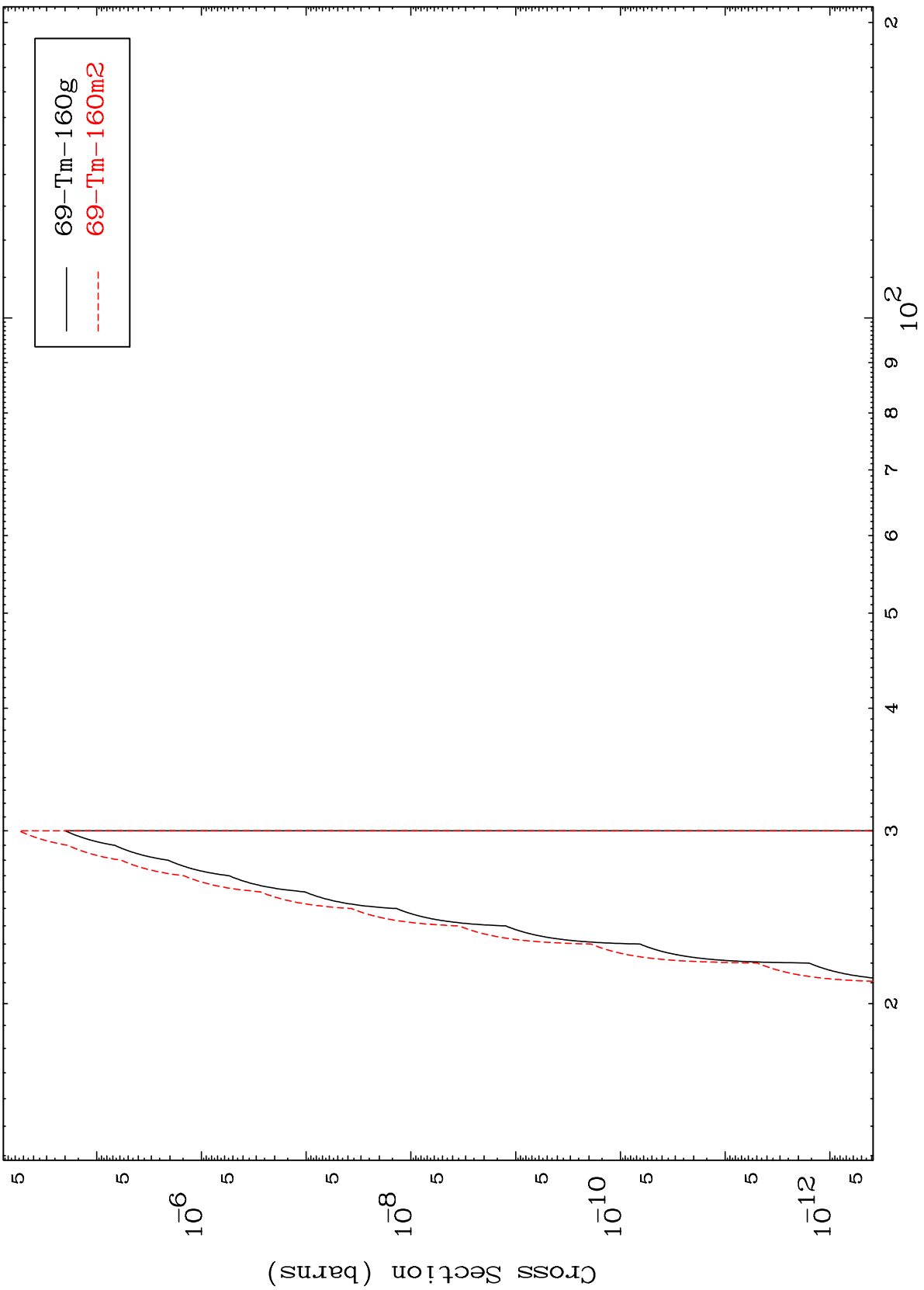
71-Lu-166

MAT 7098

$(n,3n) \alpha$

71-Lu-166

Radionuclide Production Cross Section



111

Incident Energy (MeV)

71-Lu-166

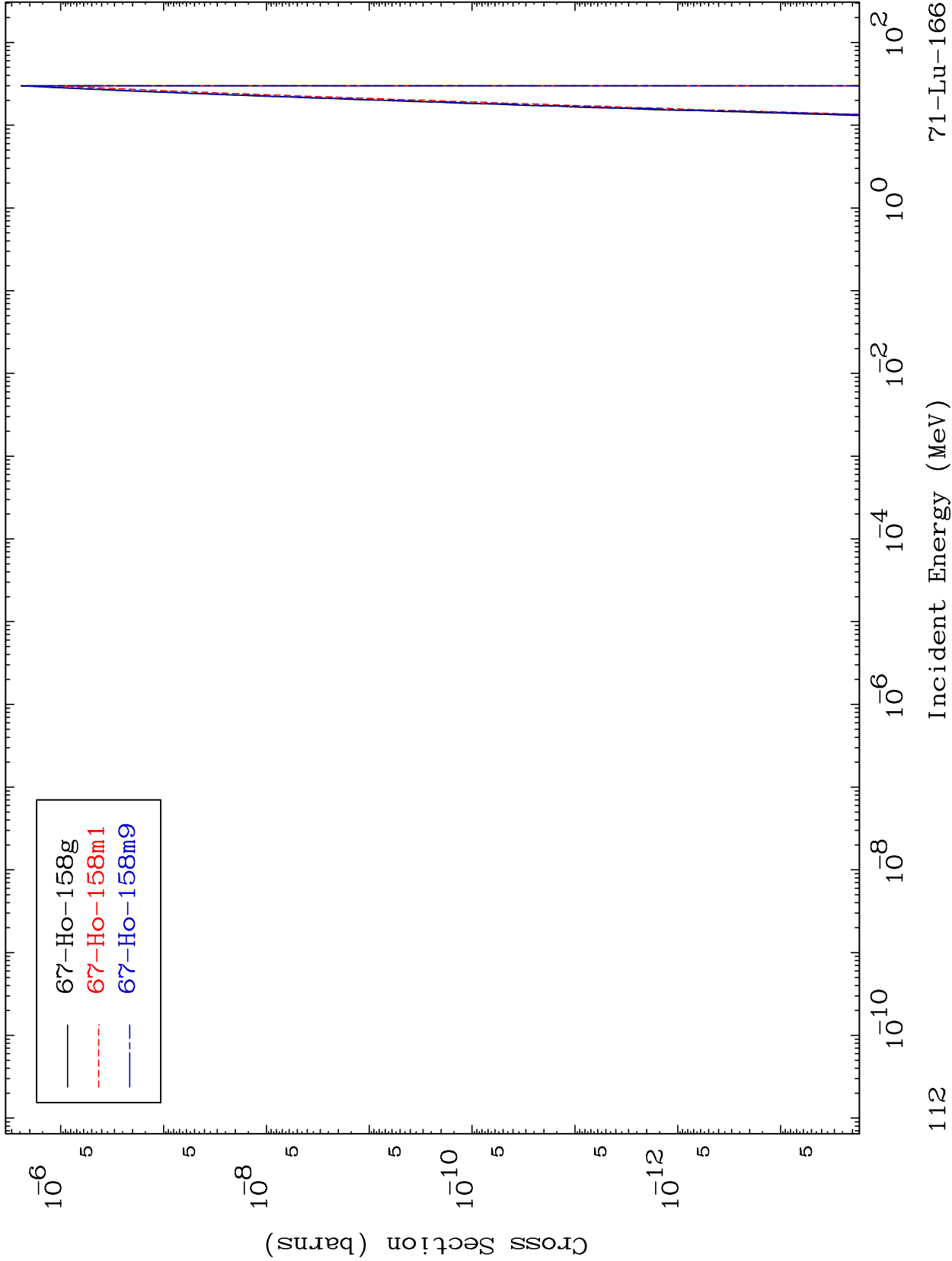


MAT 7098

(n,n') 2α

71-Lu-166

Radionuclide Production Cross Section

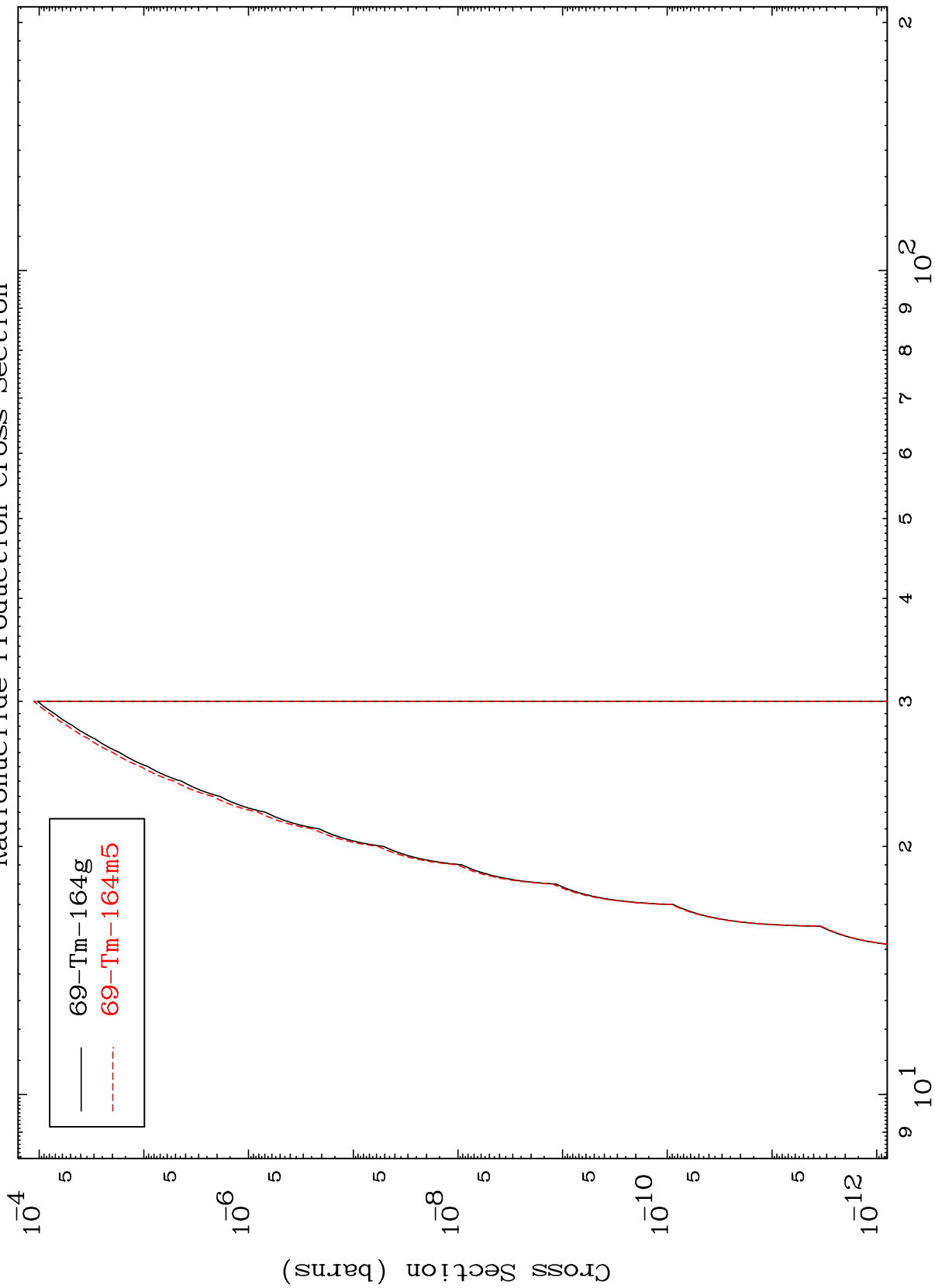


MAT 7098

(n,2n) p

71-Lu-166

Radionuclide Production Cross Section



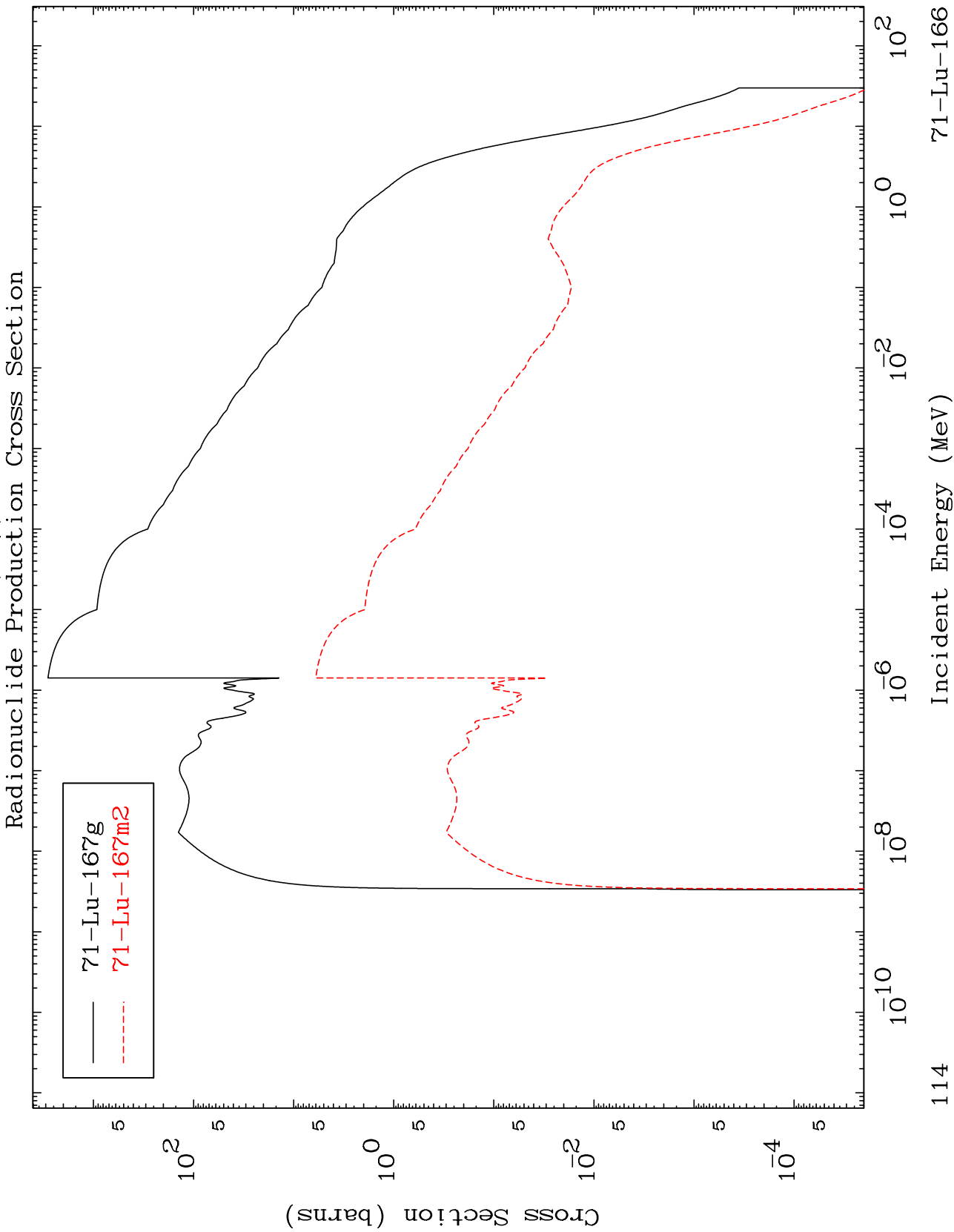
113

Incident Energy (MeV)

71-Lu-166

MAT 7098

<sup>71</sup>Lu-166

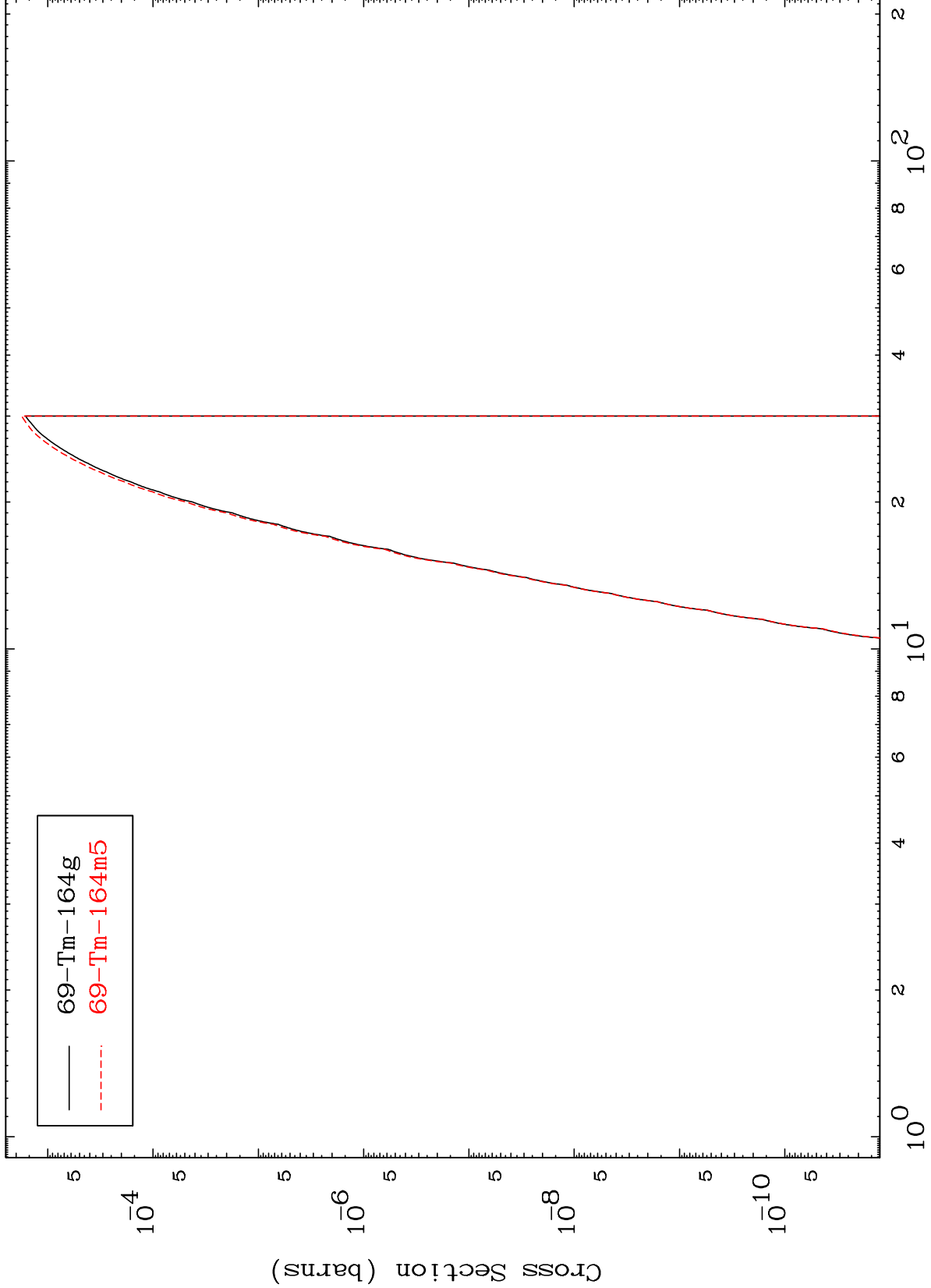


MAT 7098

(n,He-3)

71-Lu-166

Radionuclide Production Cross Section



115

Incident Energy (MeV)

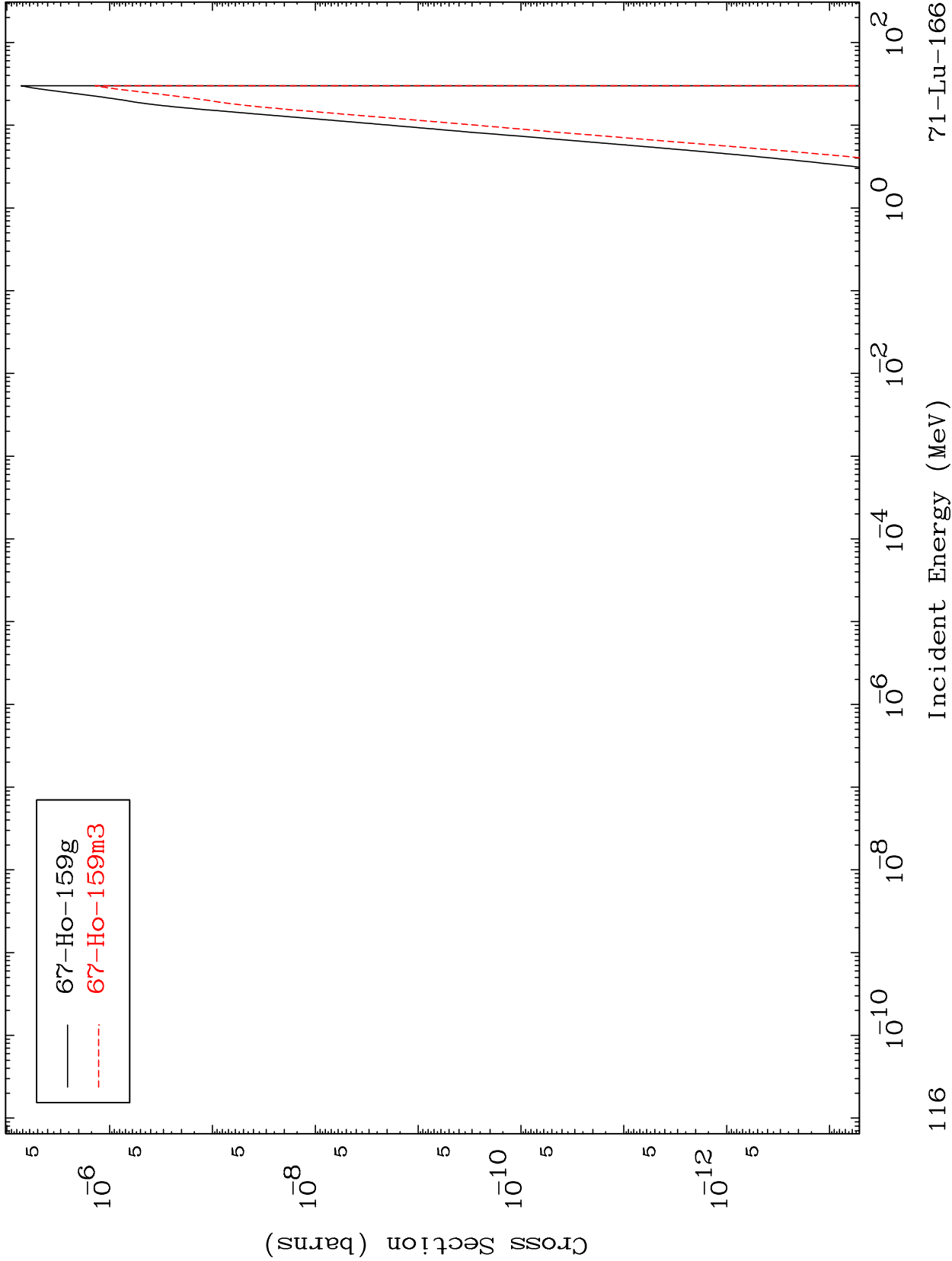
71-Lu-166

MAT 7098

(n,2α)

<sup>71</sup>Lu-166

Radionuclide Production Cross Section



116

Incident Energy (MeV)

<sup>71</sup>Lu-166

