

Program EVALPLOT  
(Version 2021-1)

by

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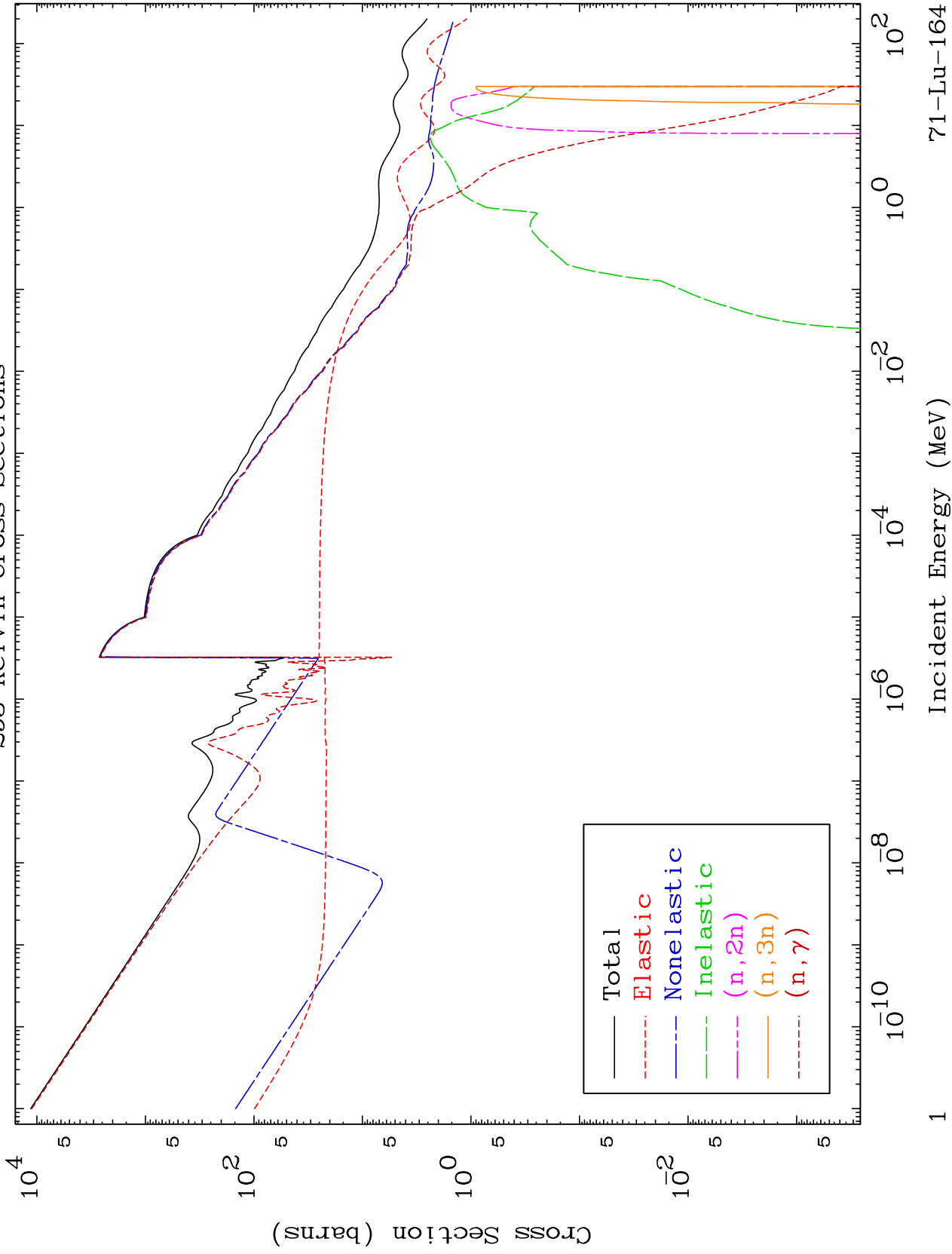
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Press Mouse Button to Start

MAT 7092

Neutron Major  
293 Kelvin Cross Sections

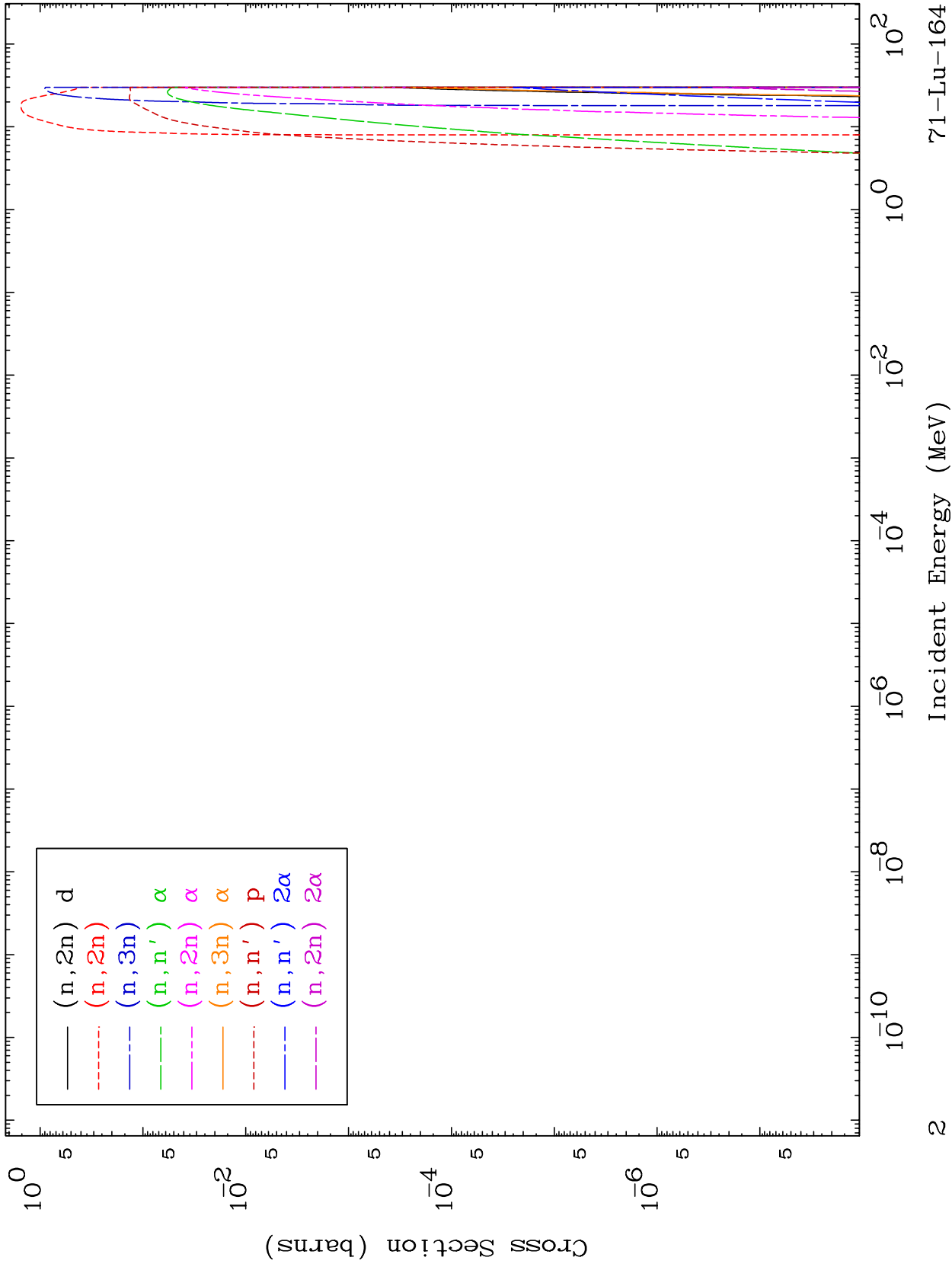
71-Lu-164



MAT 7092

Neutron Absorption  
293 Kelvin Cross Sections

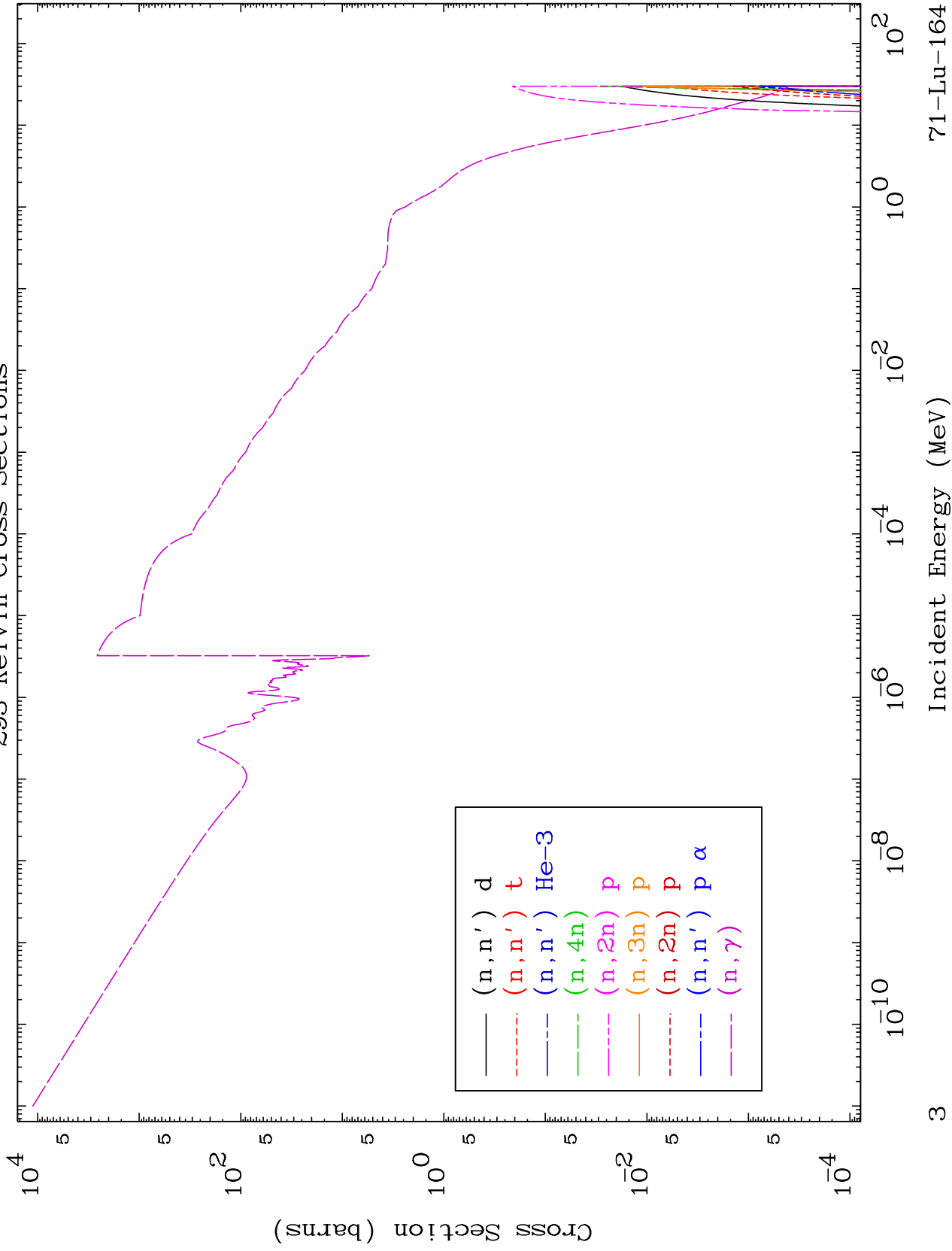
71-Lu-164



MAT 7092

Neutron Absorption  
293 Kelvin Cross Sections

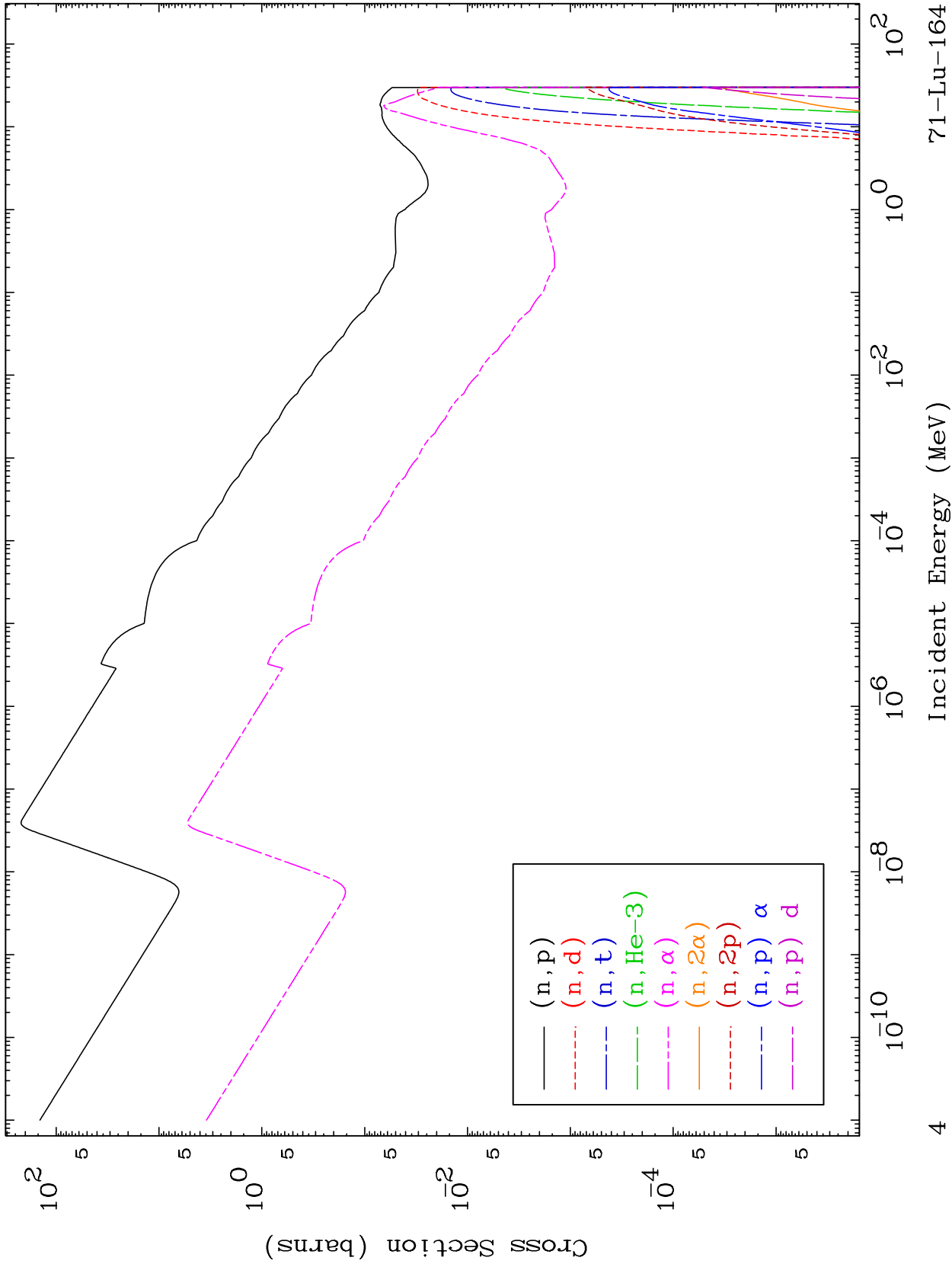
71-Lu-164

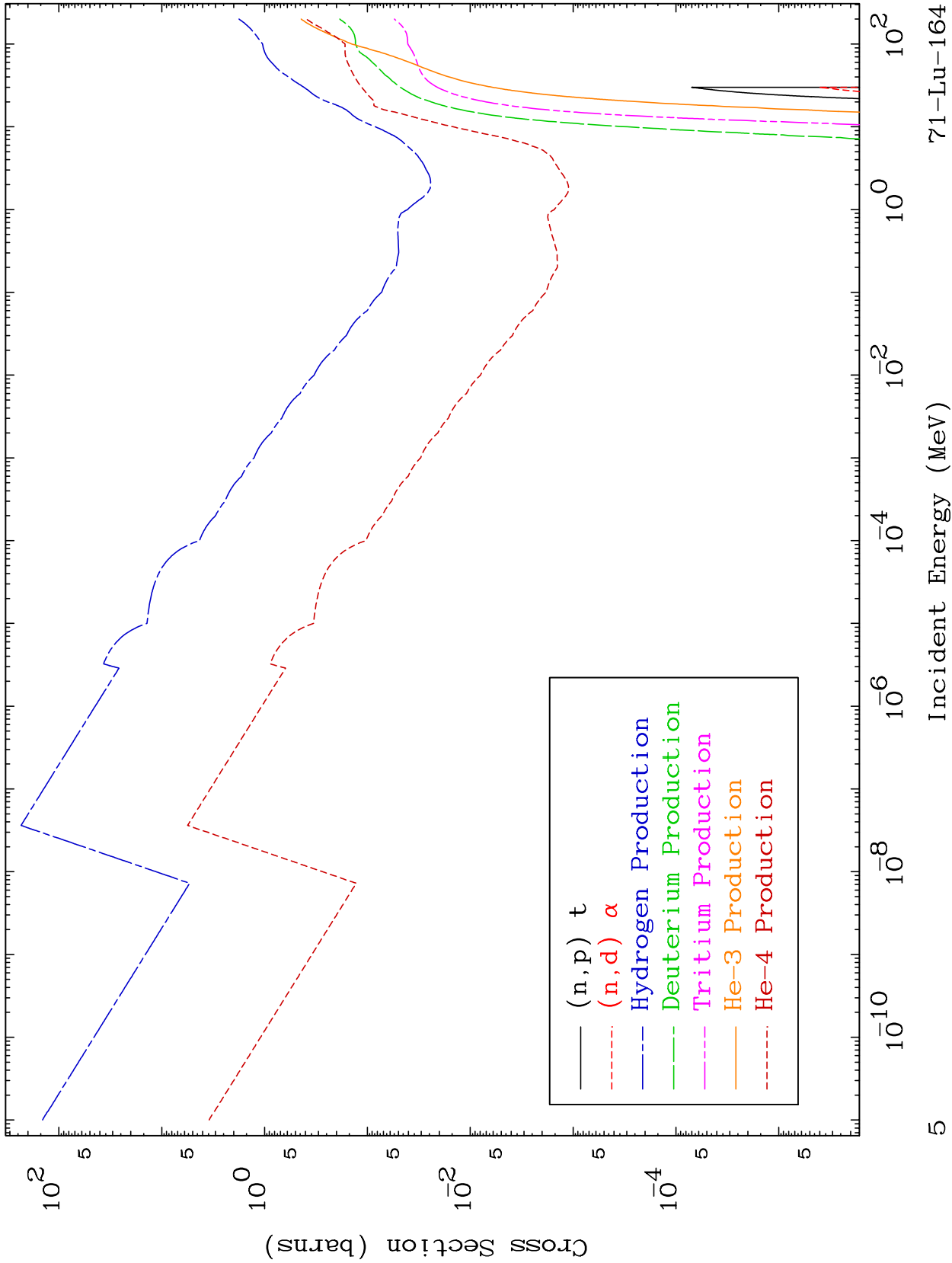


MAT 7092

Neutron Absorption  
293 Kelvin Cross Sections

71-Lu-164

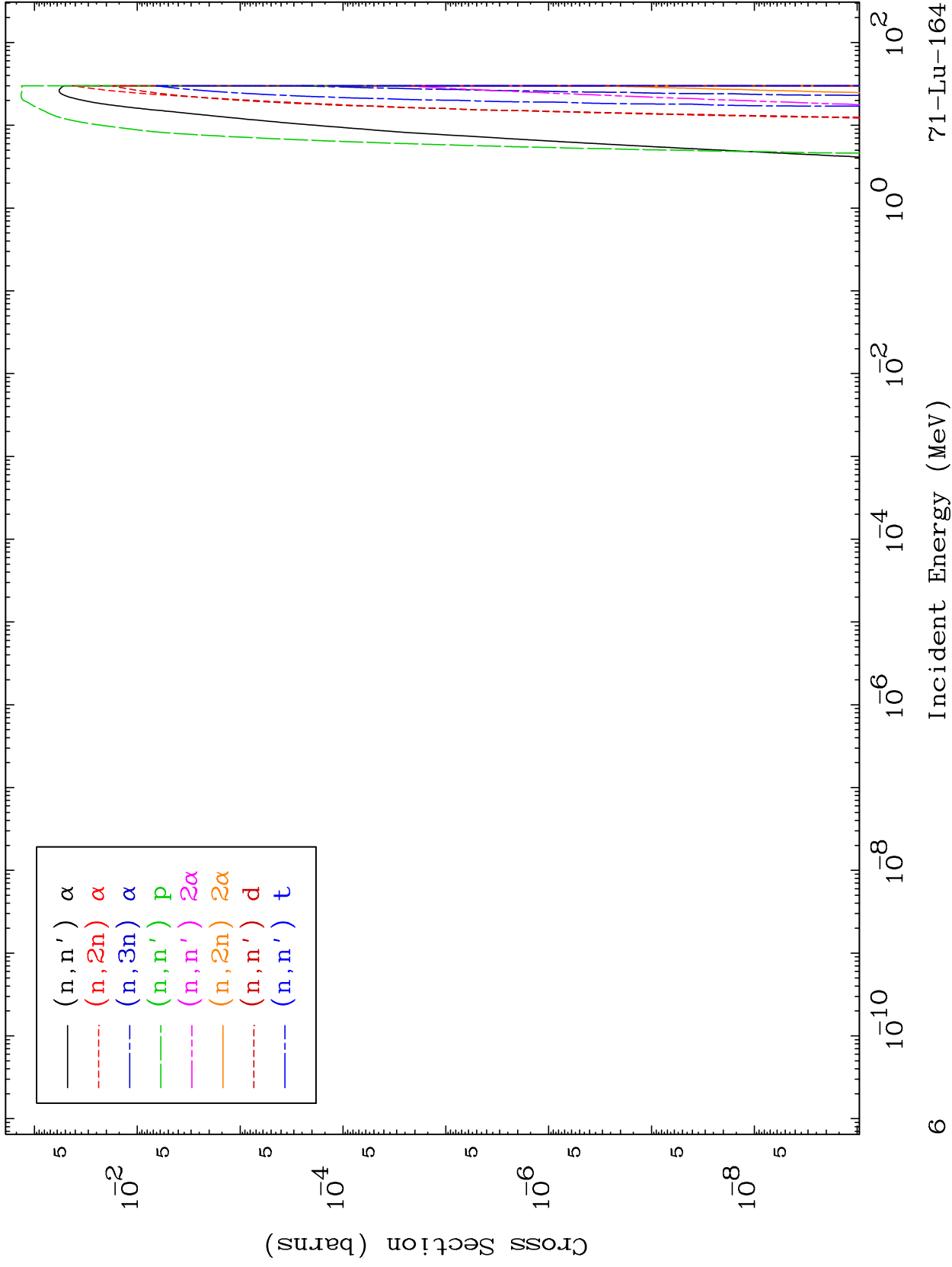




MAT 7092

Charged Particle  
293 Kelvin Cross Sections

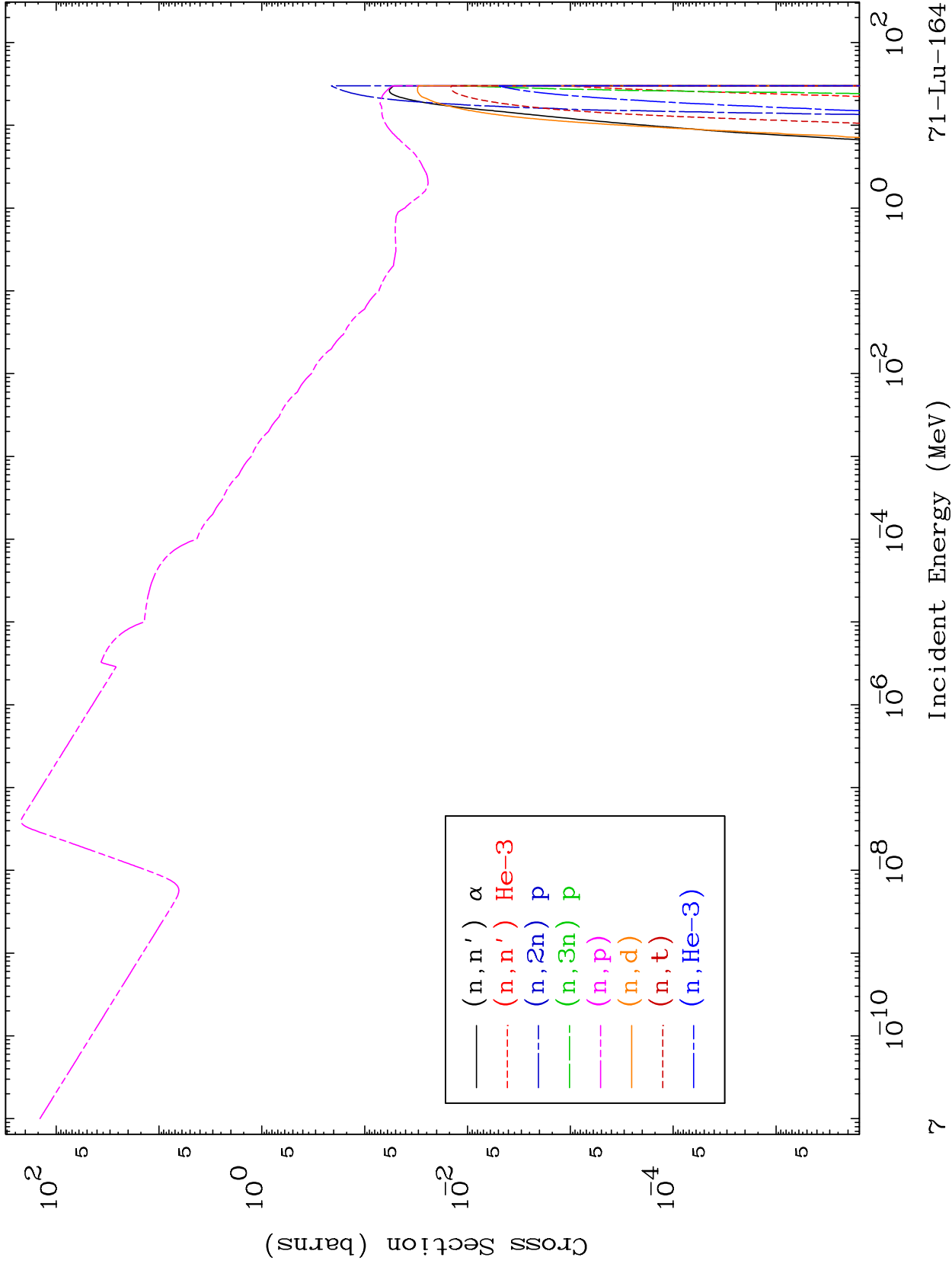
71-Lu-164



MAT 7092

Charged Particle  
293 Kelvin Cross Sections

71-Lu-164

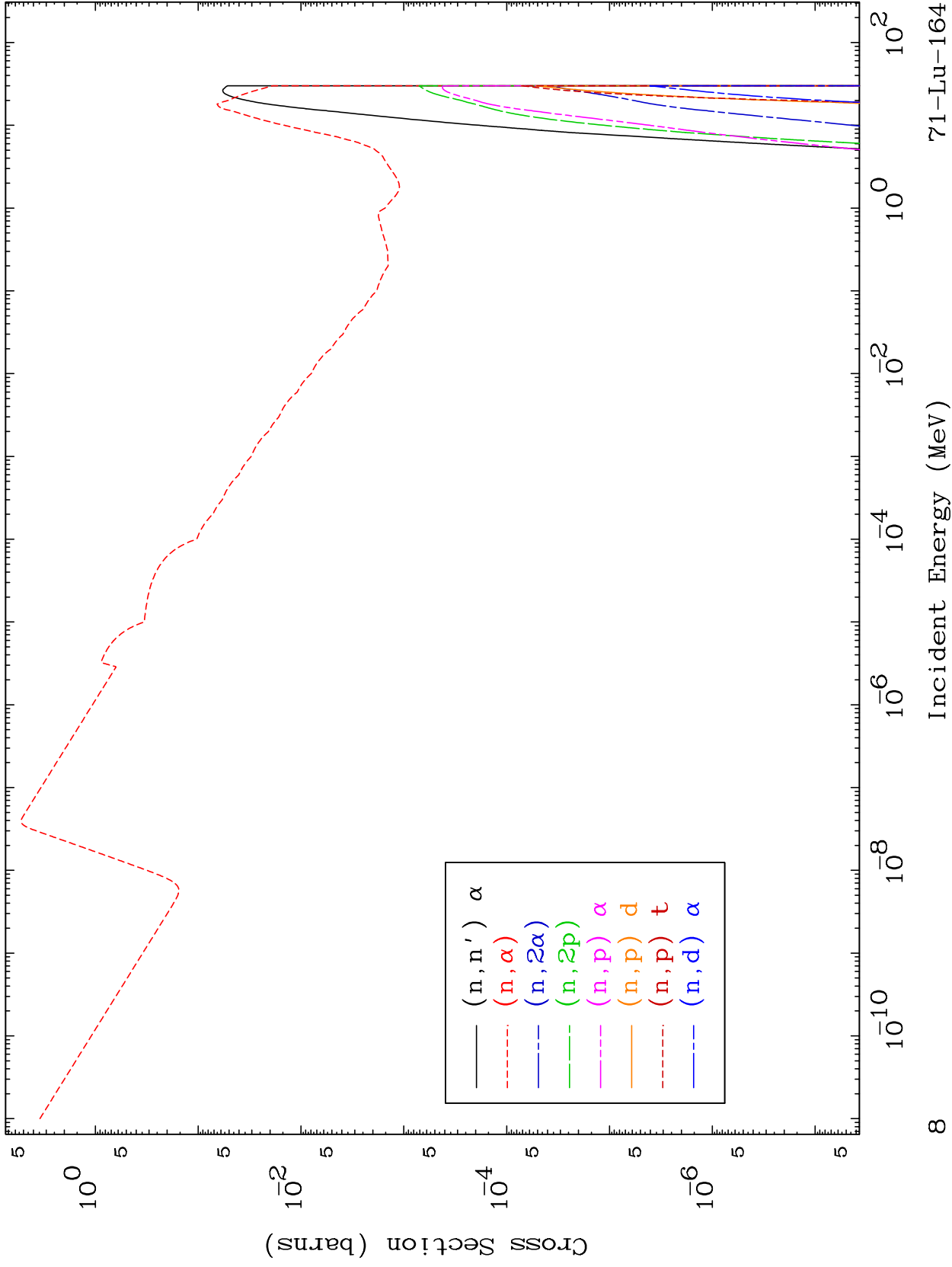


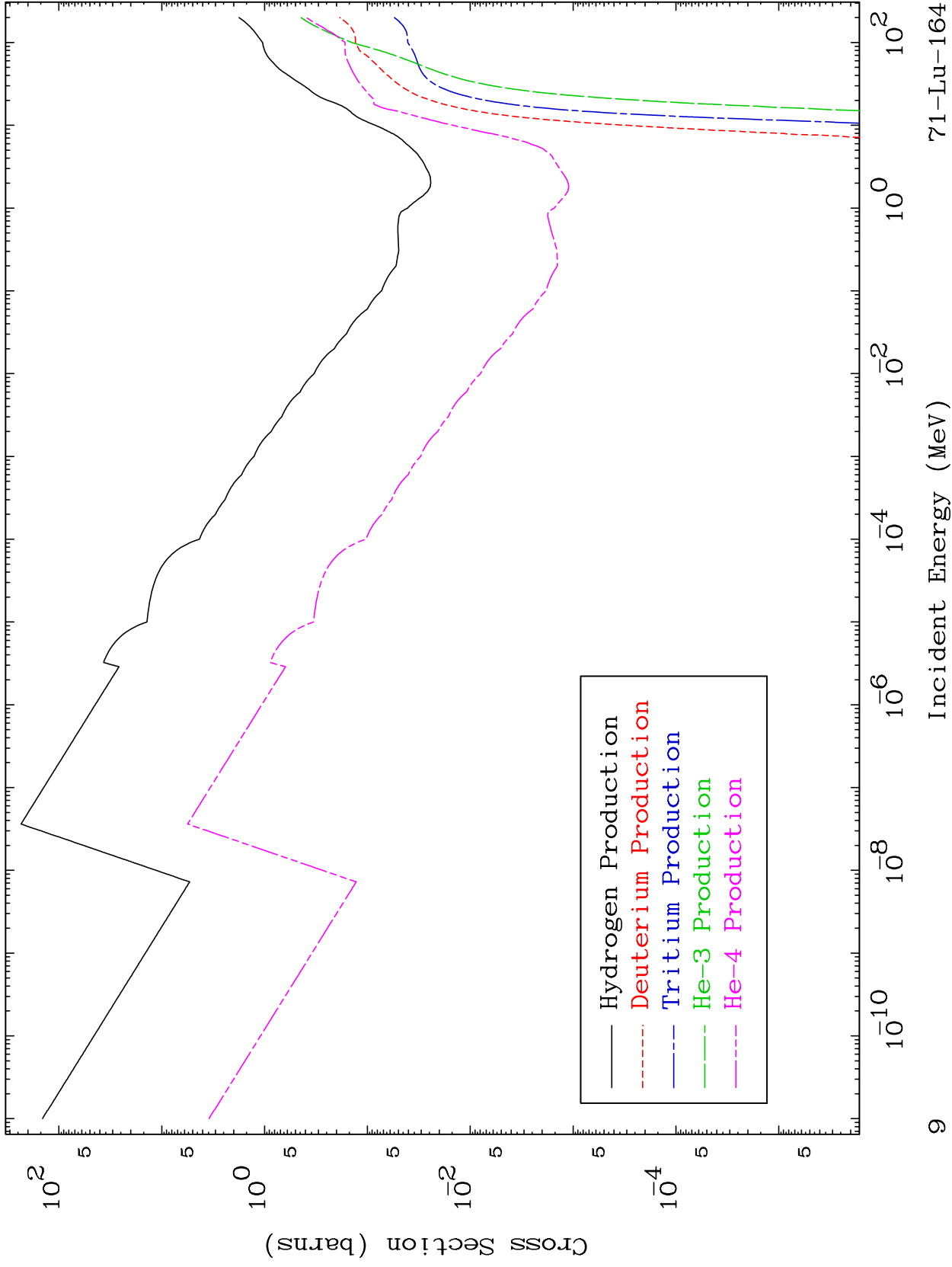


MAT 7092

Charged Particle  
293 Kelvin Cross Sections

71-Lu-164

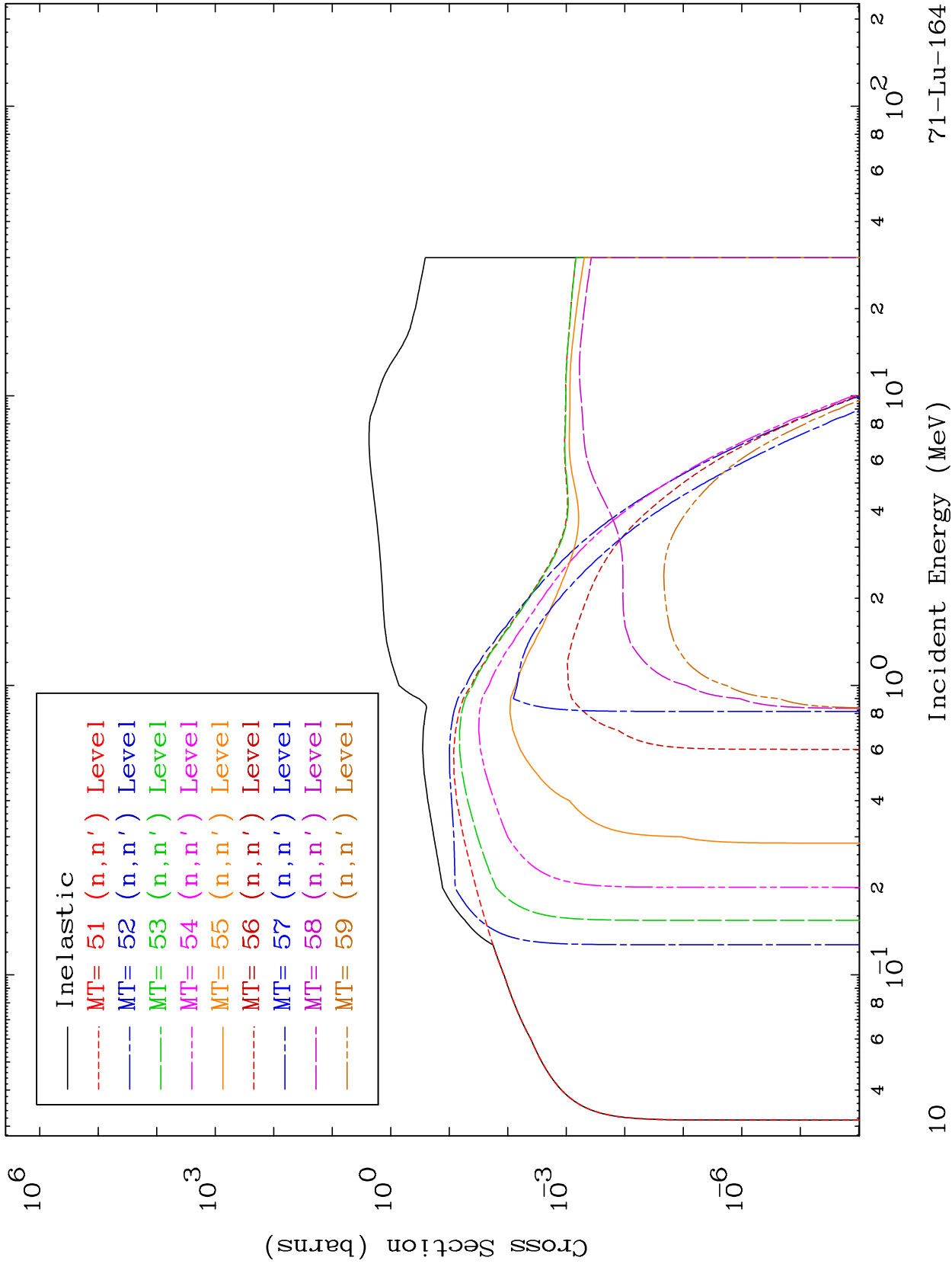




MAT 7092

(n,n') Levels  
293 Kelvin Cross Sections

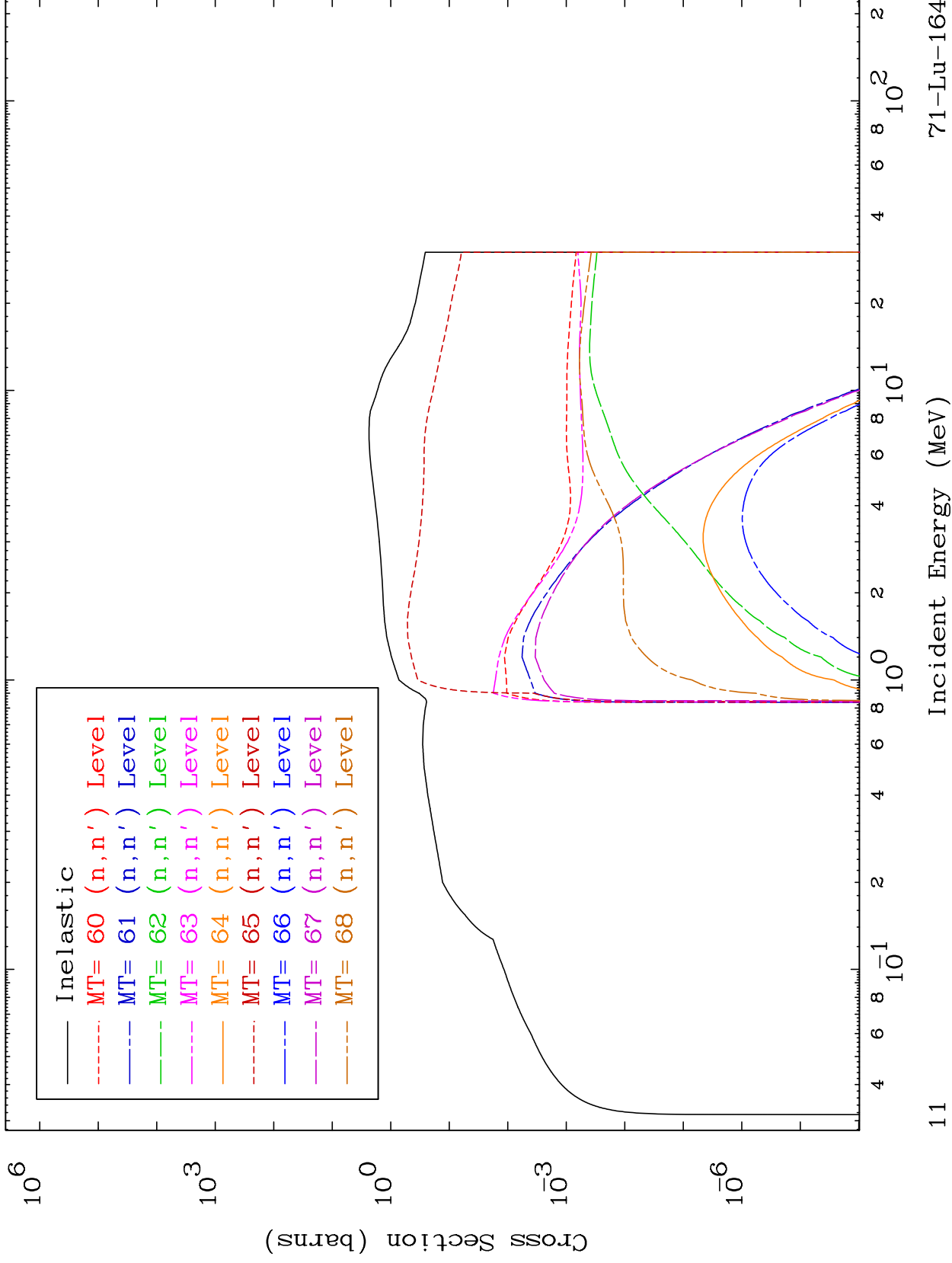
71-Lu-164



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Incident Energy (MeV)

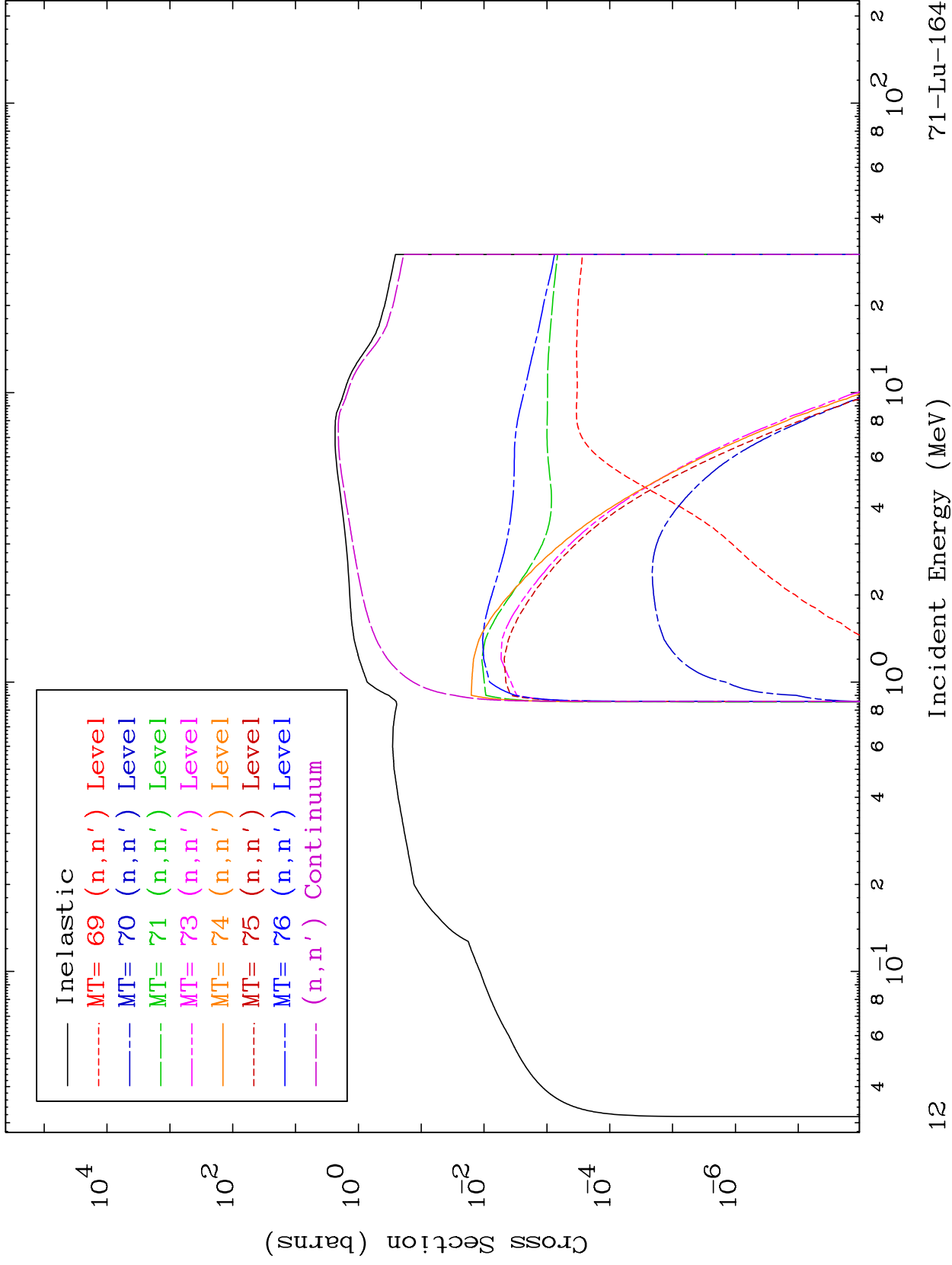
71-Lu-164



MAT 7092

293 Kelvin Cross Sections  
(n,n') Levels

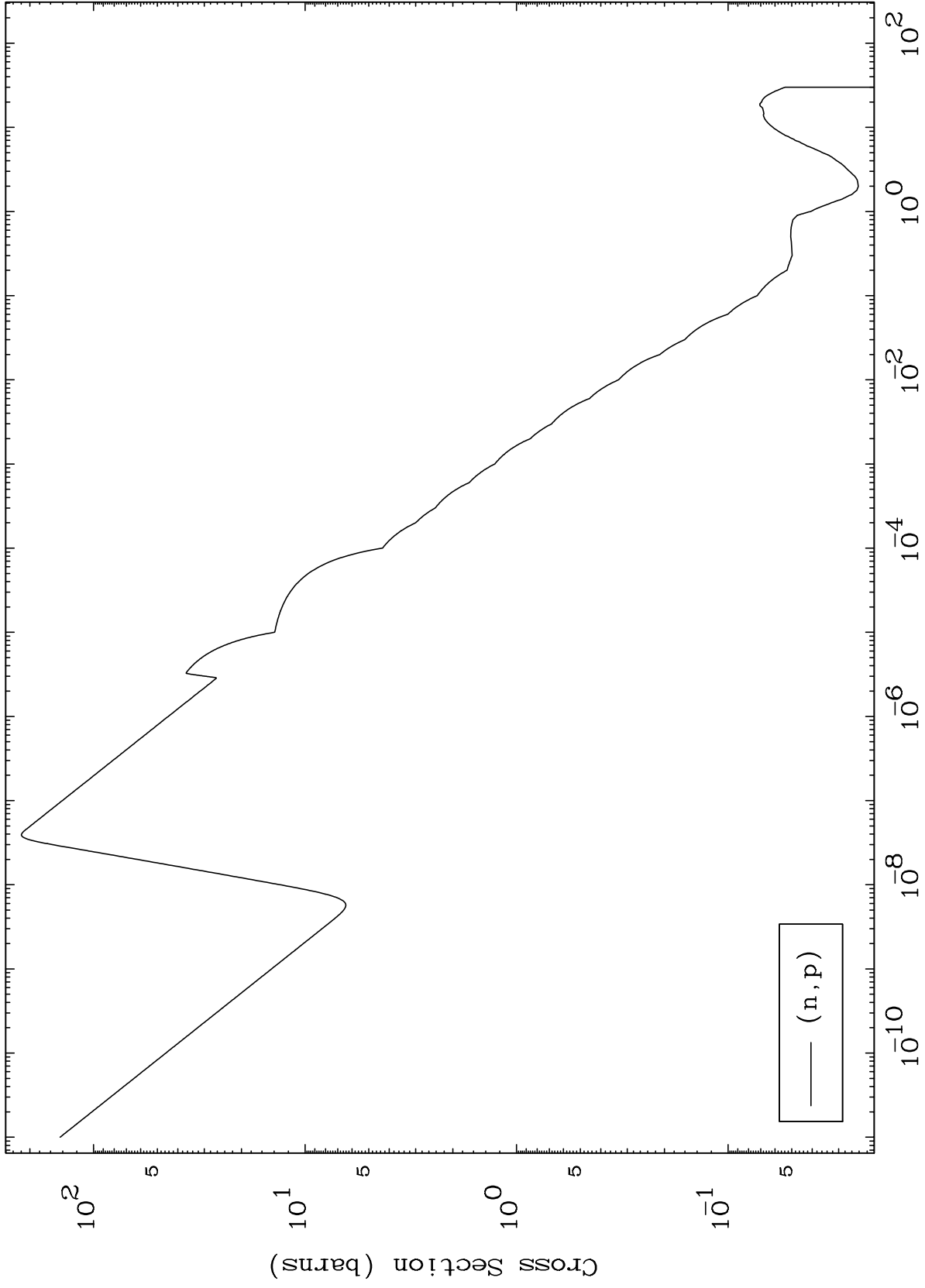
71-Lu-164



MAT 7092

(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-164



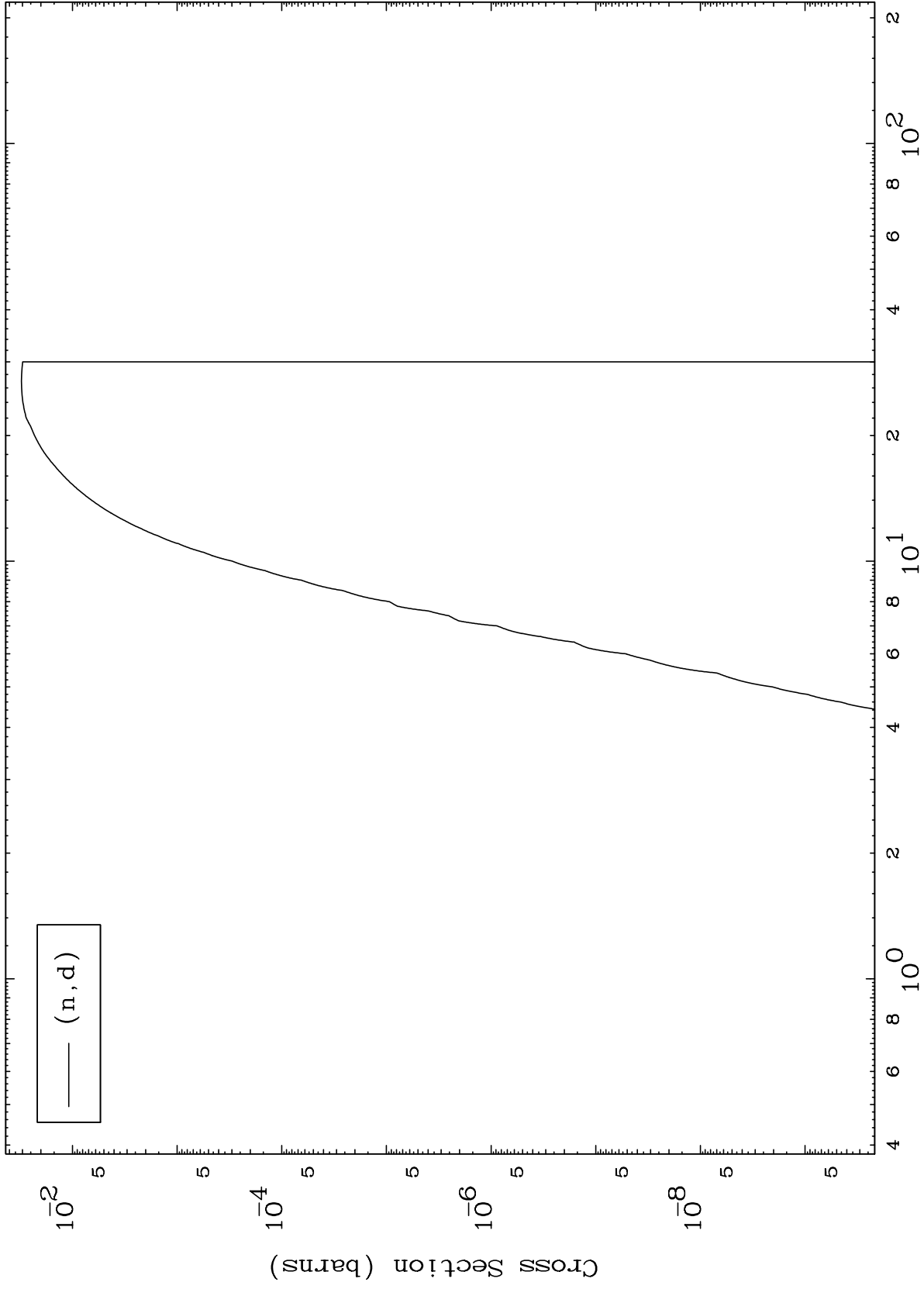
13

71-Lu-164

MAT 7092

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-164



14

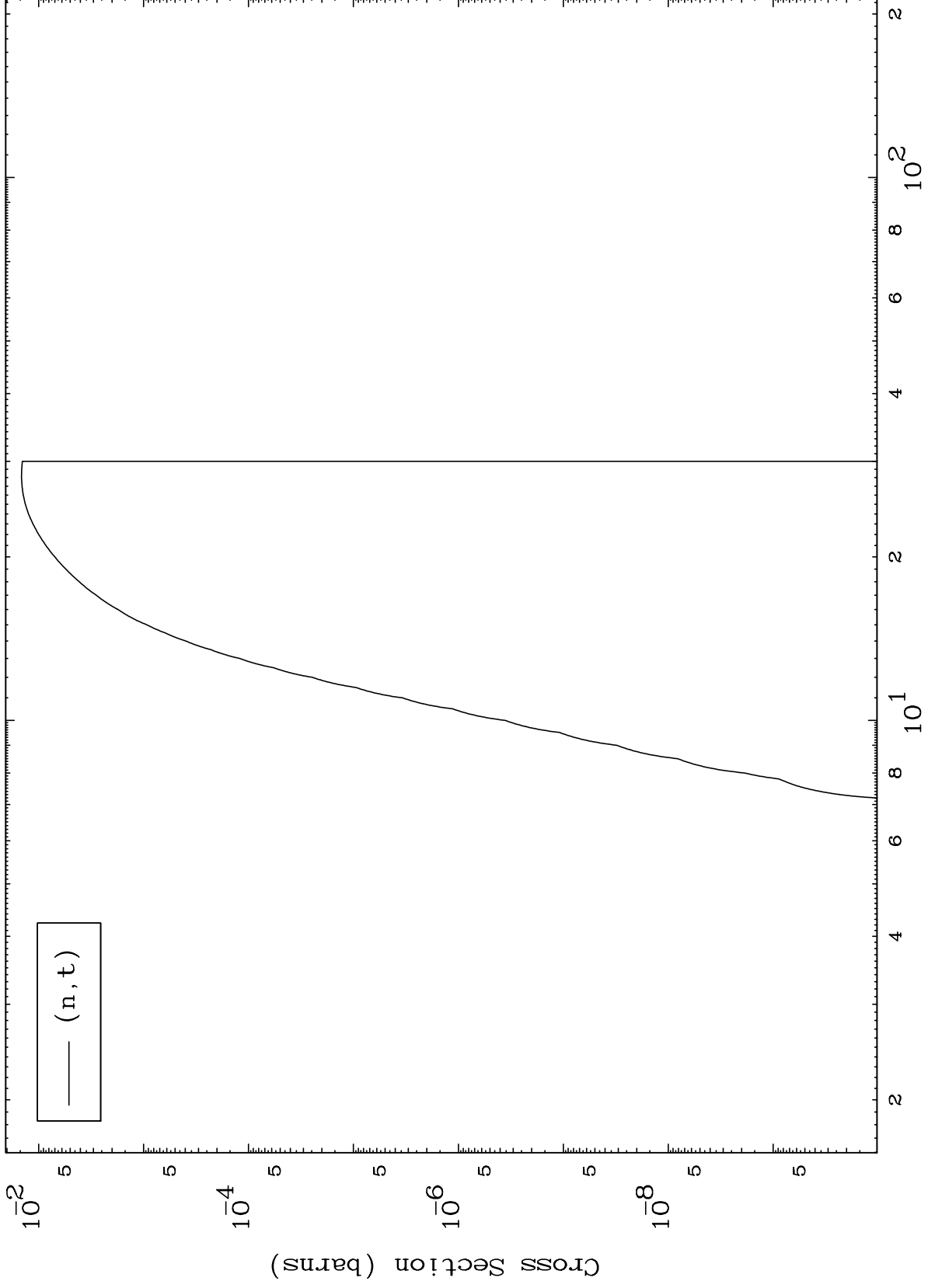
Incident Energy (MeV)

71-Lu-164

MAT 7092

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-164



15

Incident Energy (MeV)

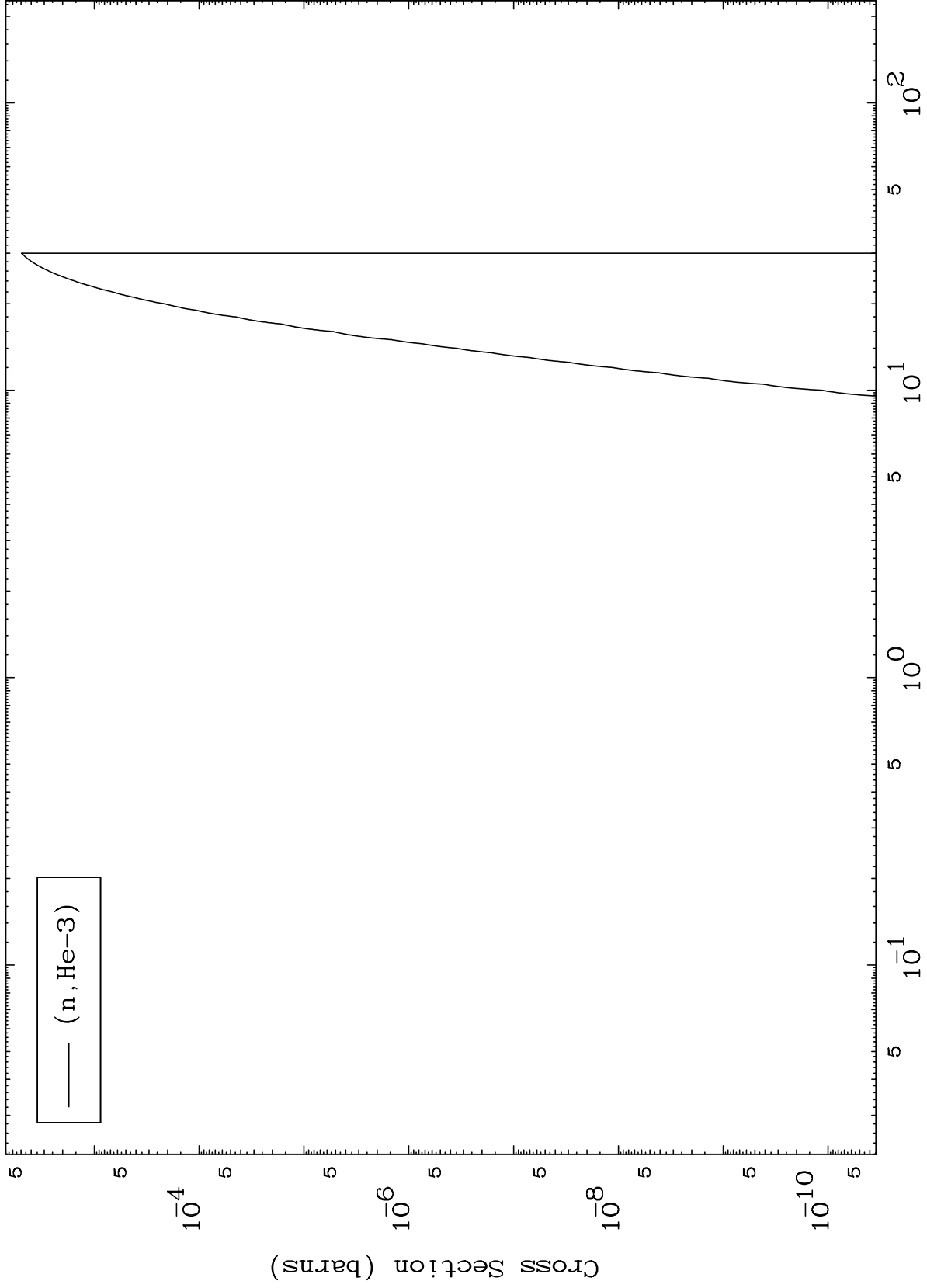
71-Lu-164



MAT 7092

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-164



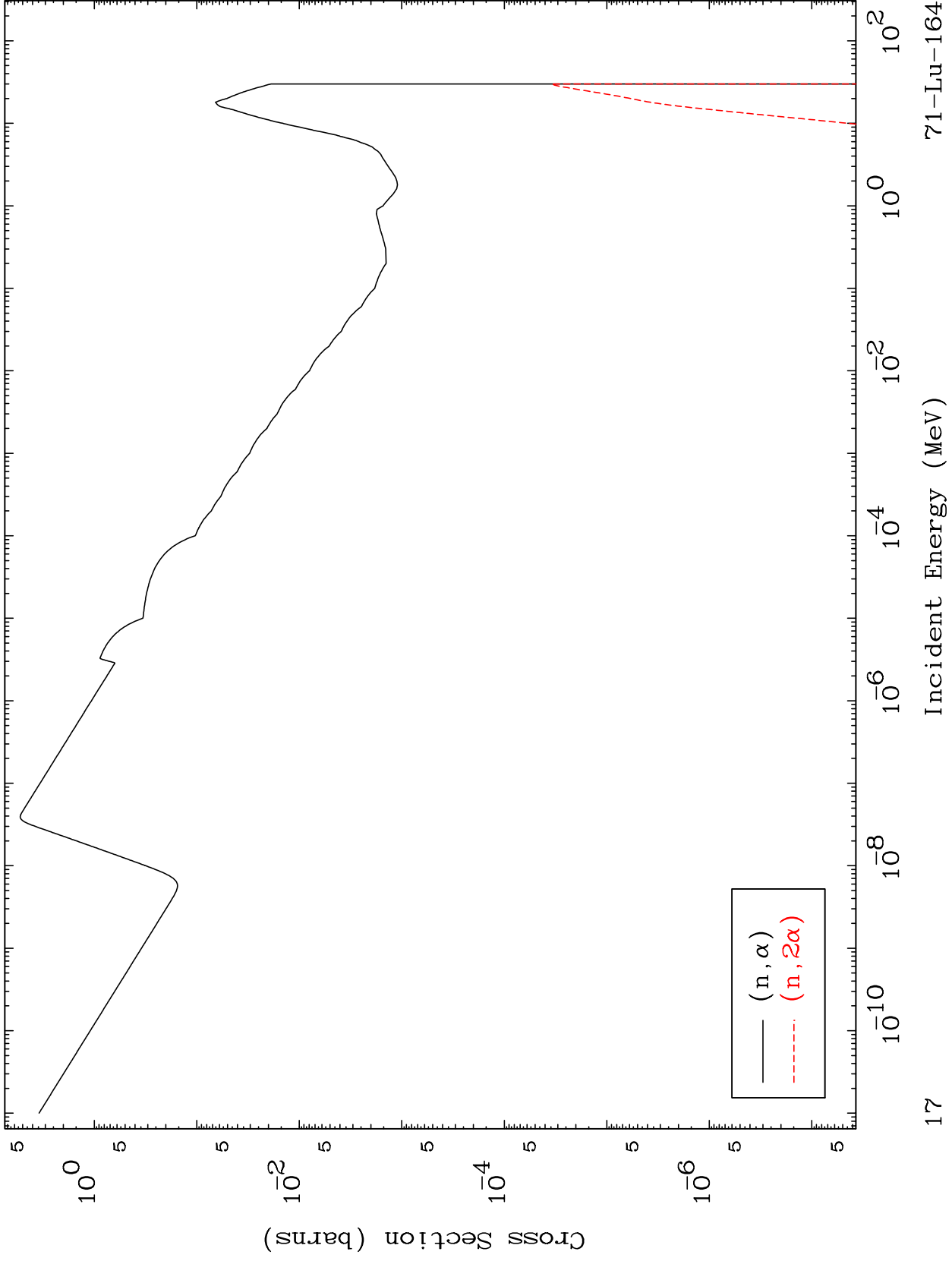
16

71-Lu-164

MAT 7092

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

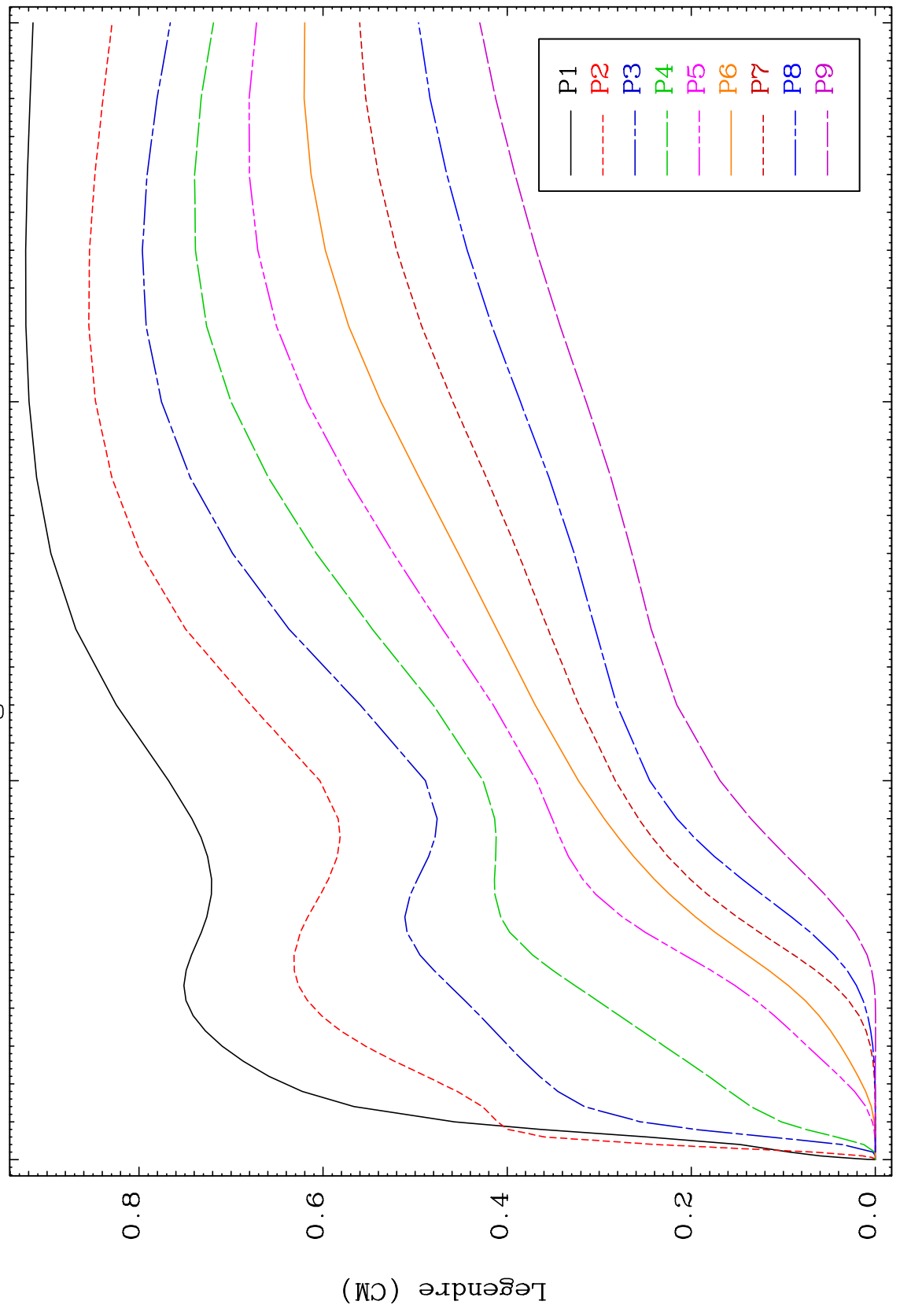
71-Lu-164



MAT 7092

71-Lu-164

Elastic Legendre Coefficients



71-Lu-164

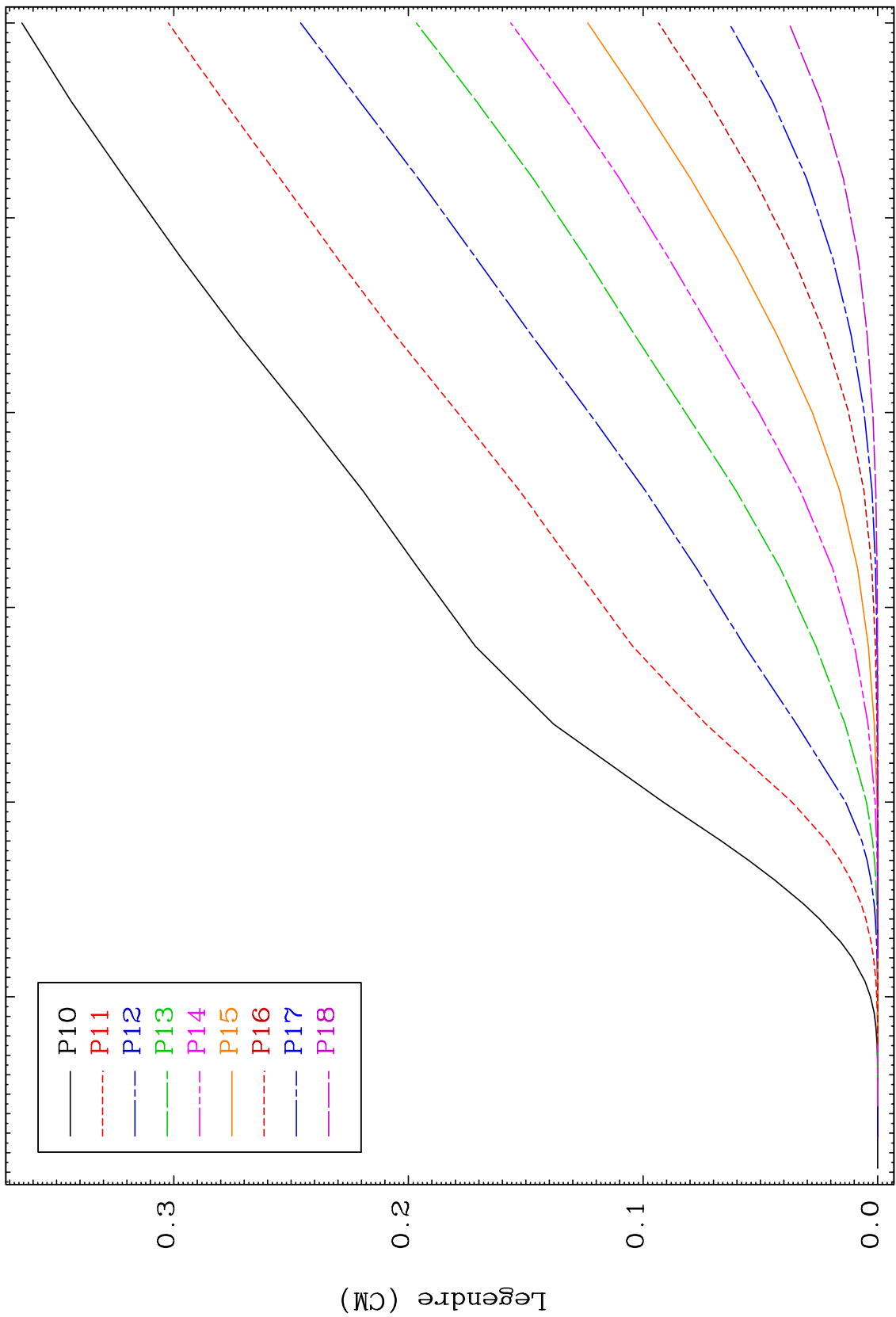
Incident Energy (MeV)

18

MAT 7092

Elastic Legendre Coefficients

<sup>71</sup>Lu-164



19

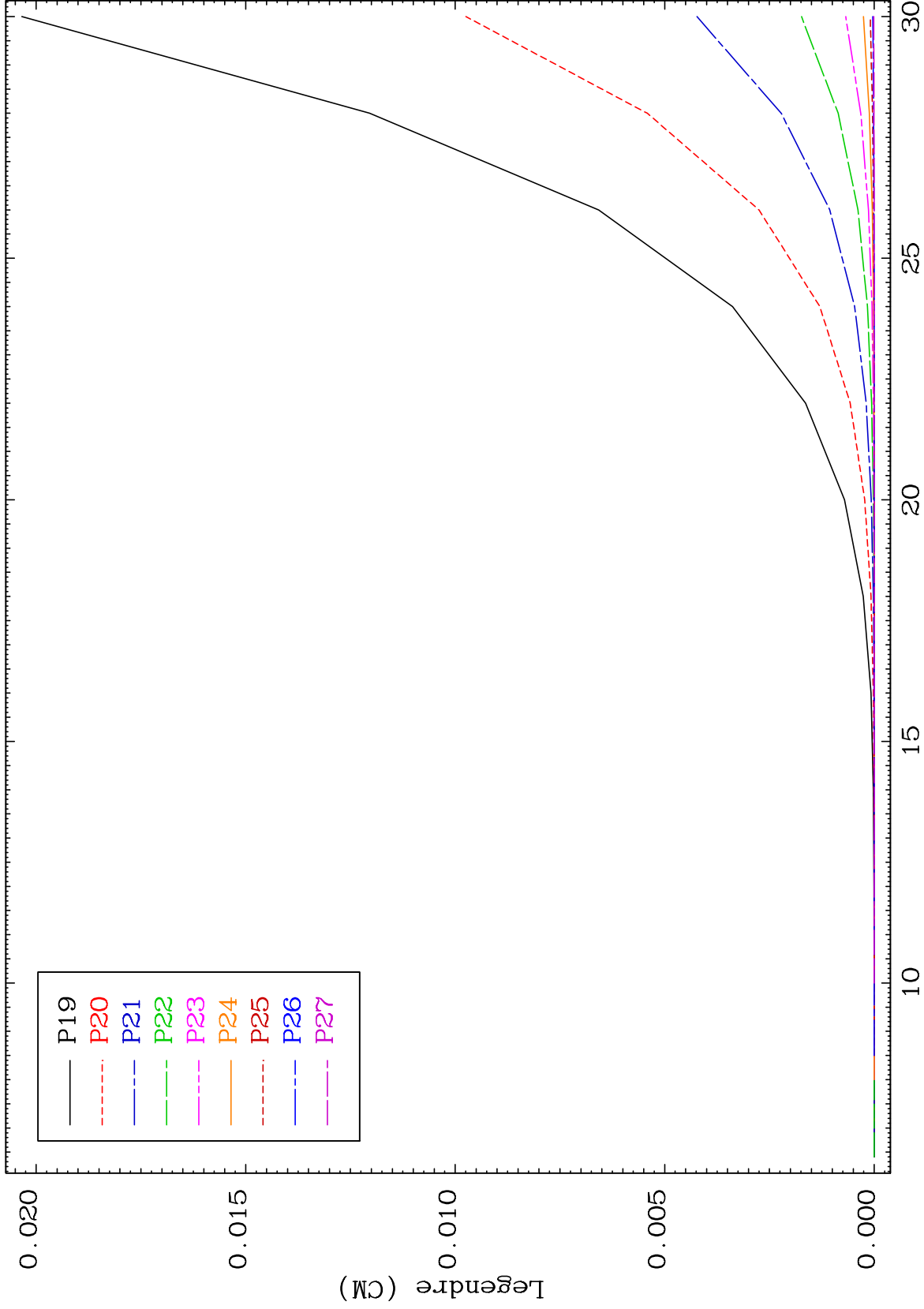
Incident Energy (MeV)

<sup>71</sup>Lu-164

MAT 7092

Elastic  
Legendre Coefficients

71-Lu-164



20

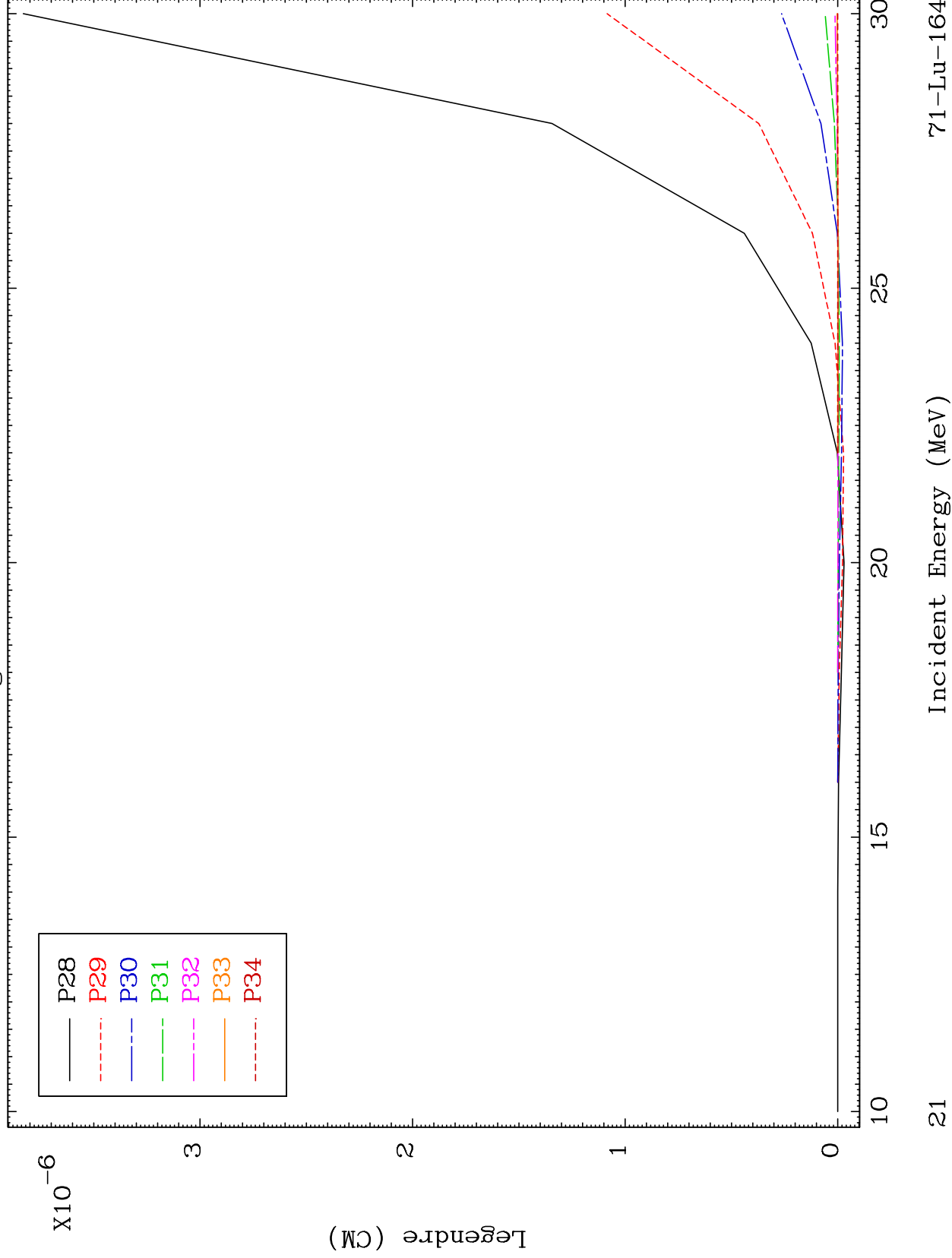
Incident Energy (MeV)

71-Lu-164

MAT 7092

Elastic  
Legendre Coefficients

71-Lu-164



21

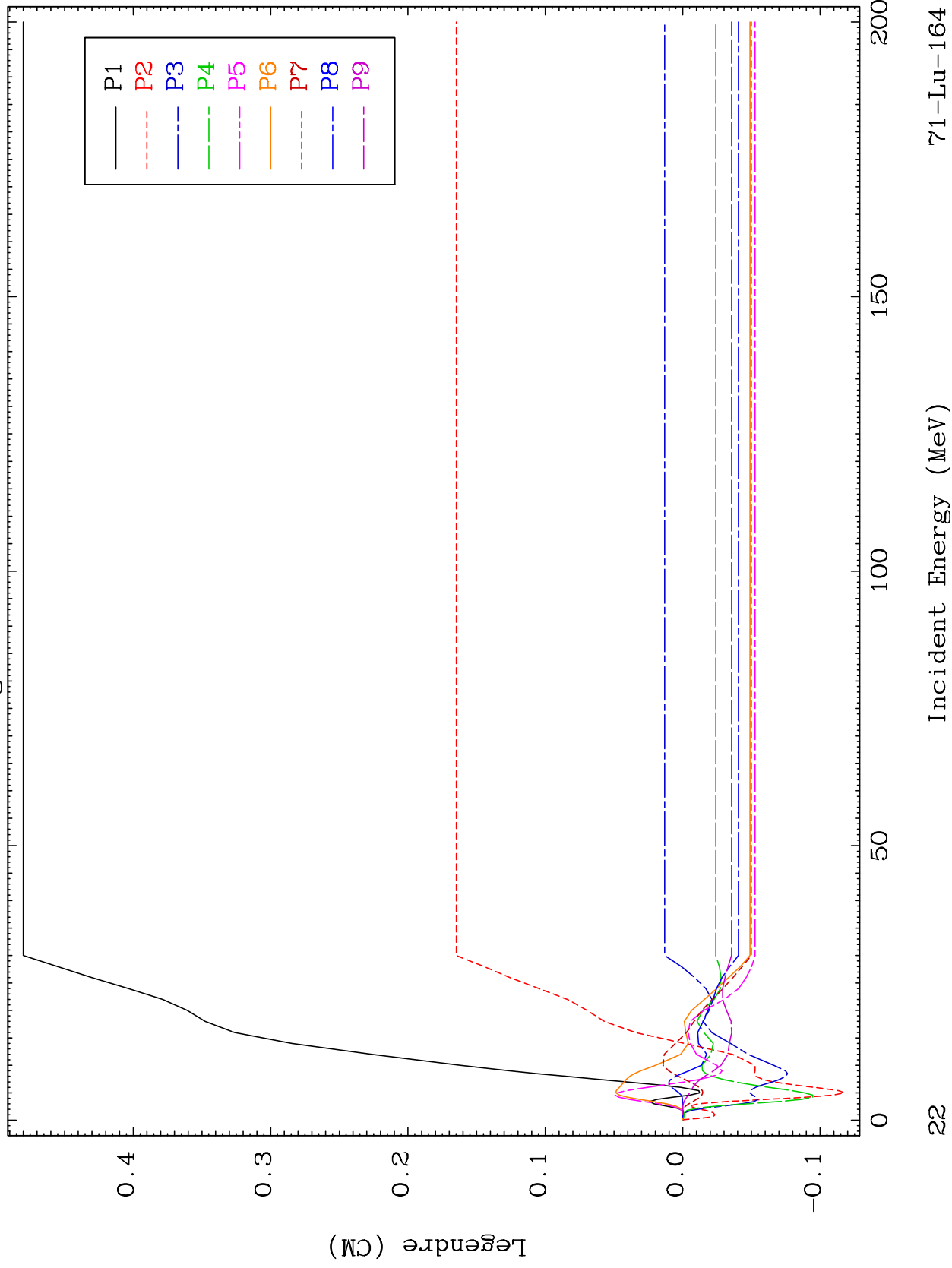
Incident Energy (MeV)

71-Lu-164

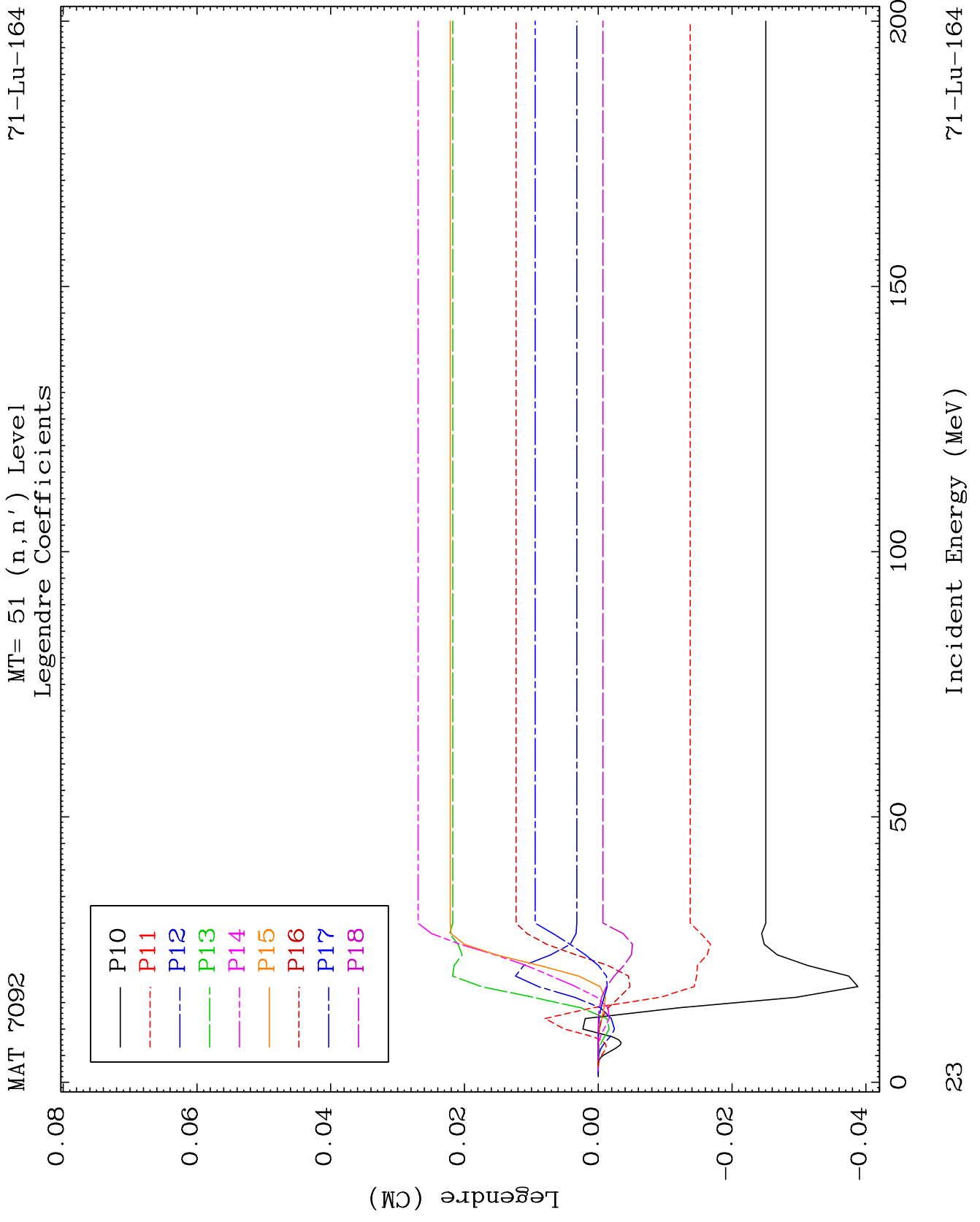
MAT 7092

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

71-Lu-164



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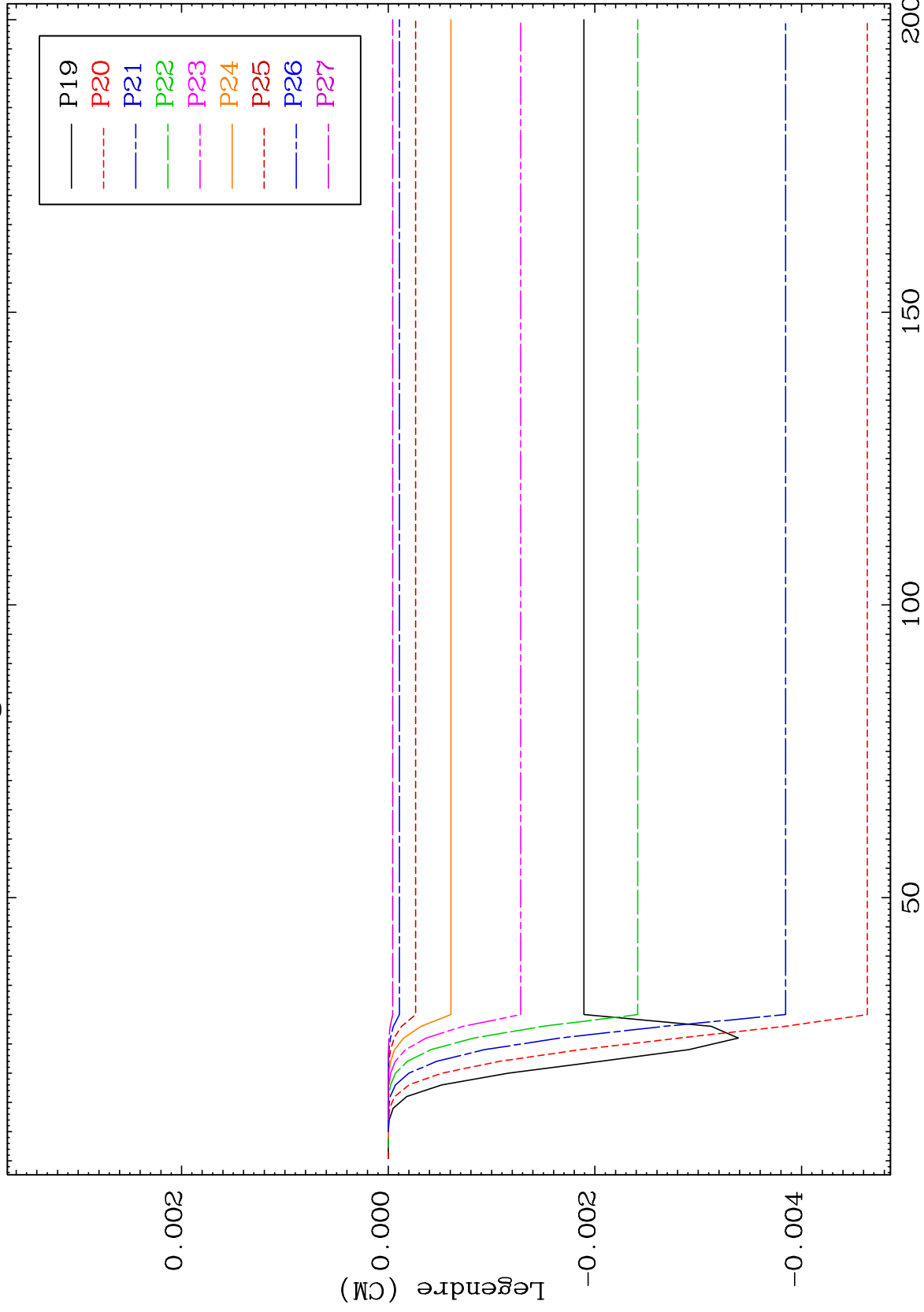




MAT 7092

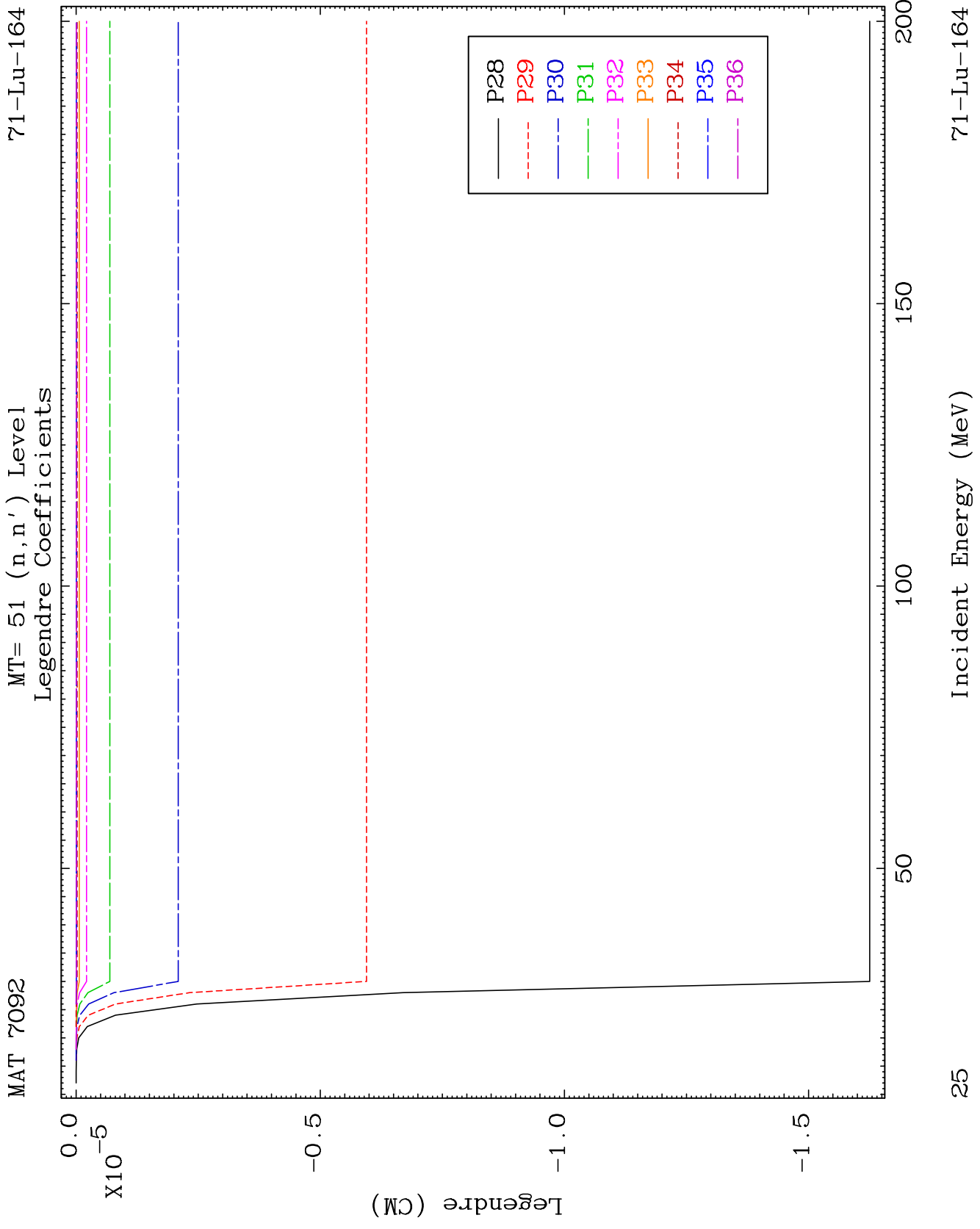
MT= 51 (n,n') Level  
Legendre Coefficients

71-Lu-164

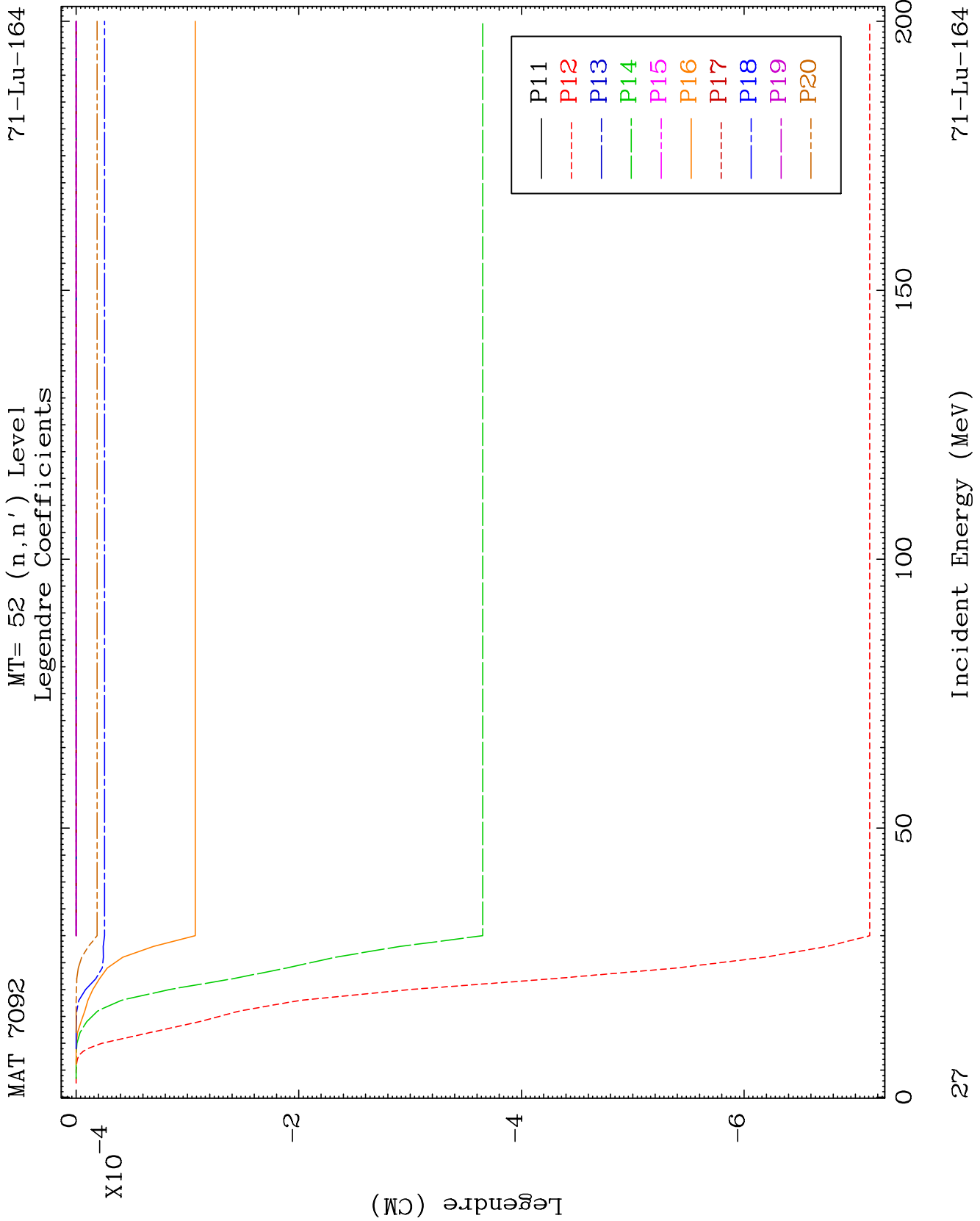


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71-Lu-164





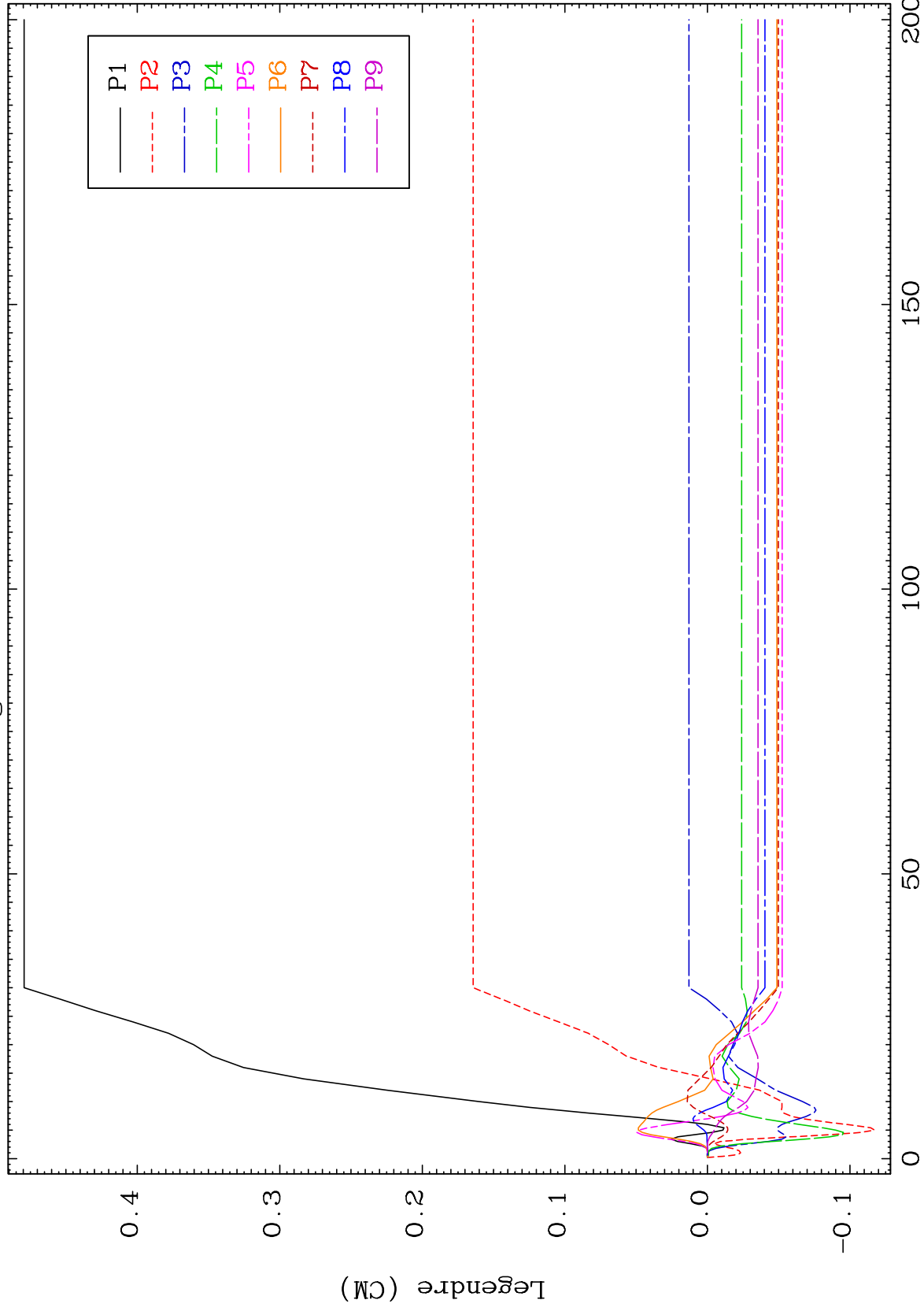




MAT 7092

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

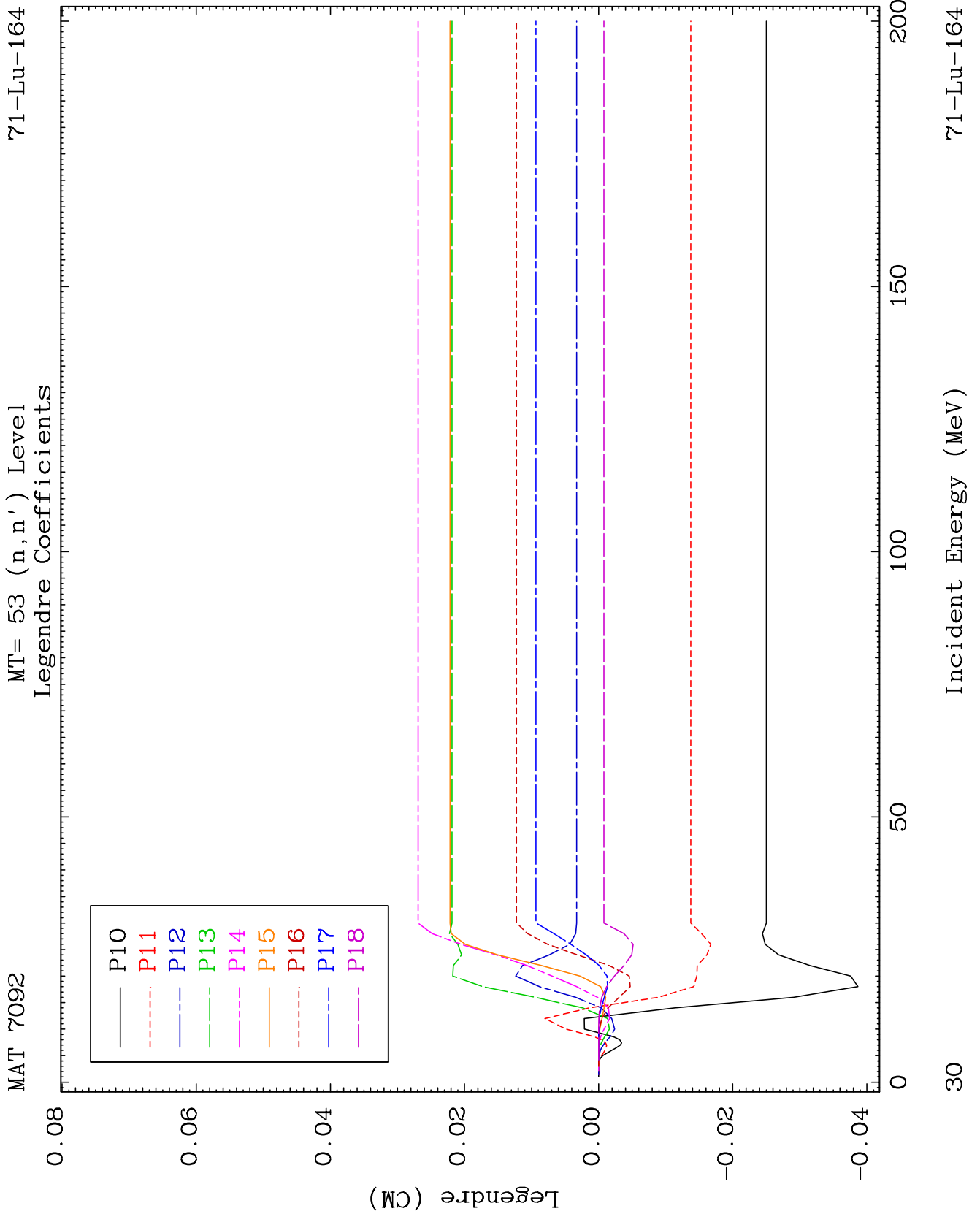
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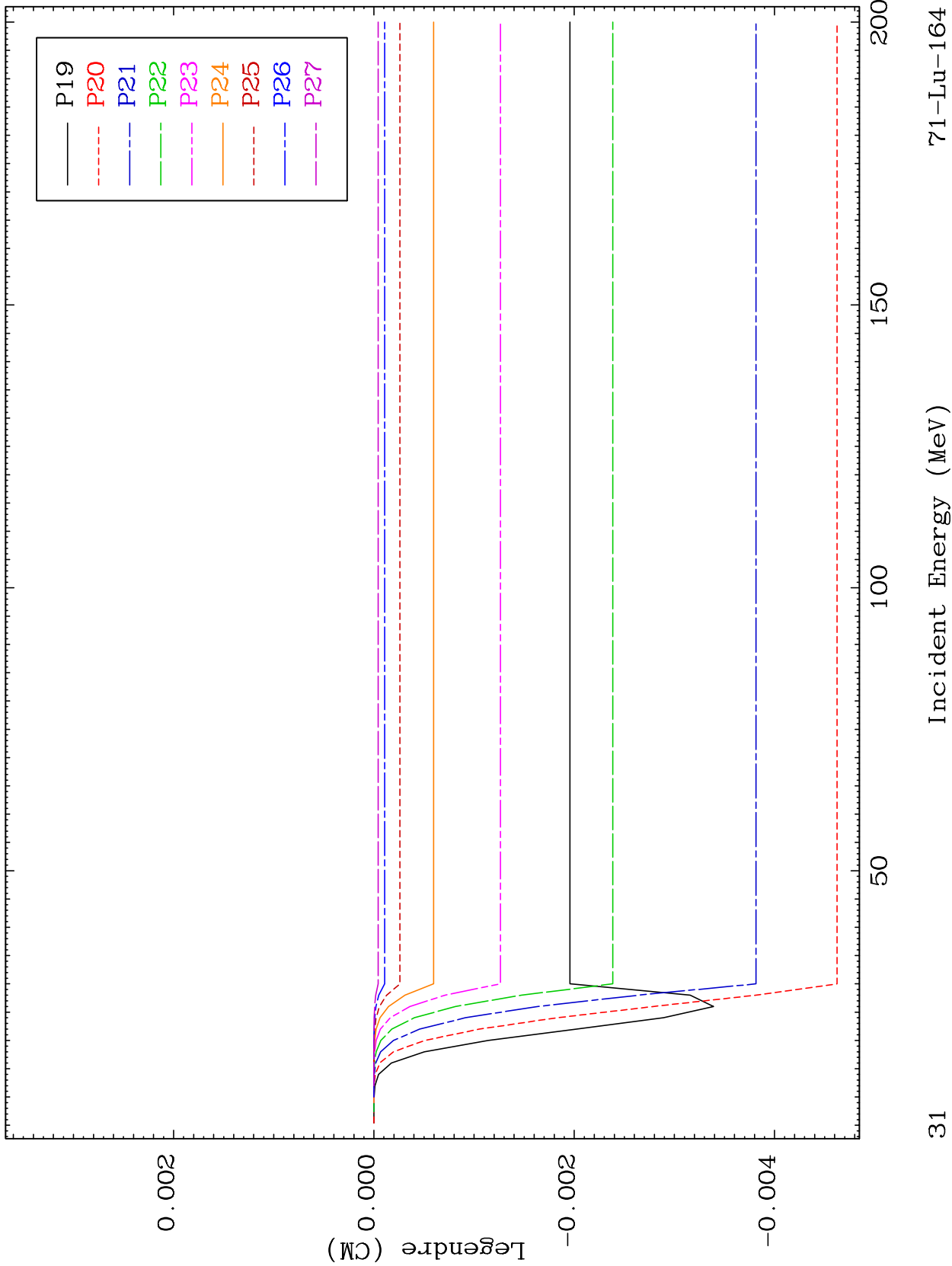


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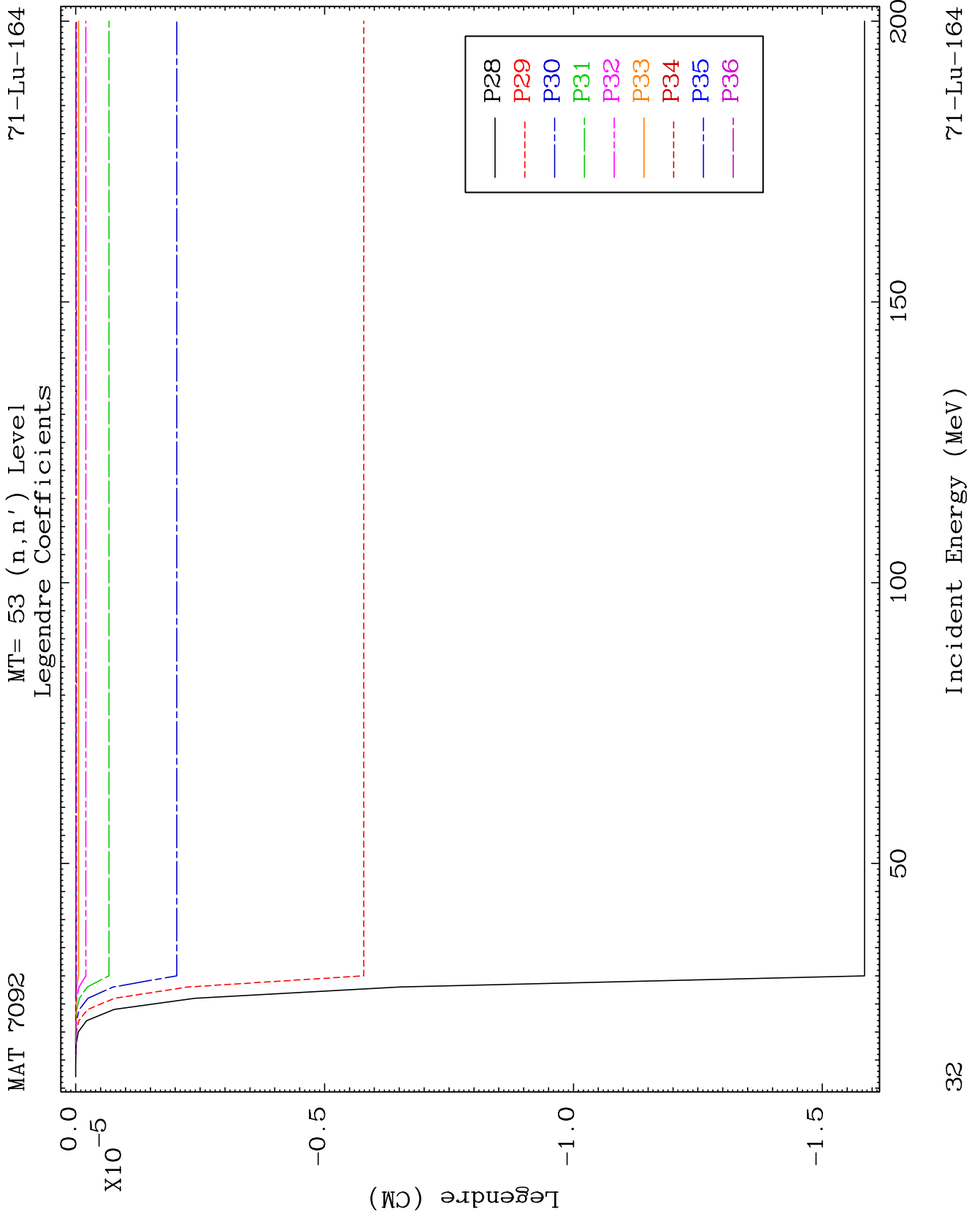
Incident Energy (MeV)

29







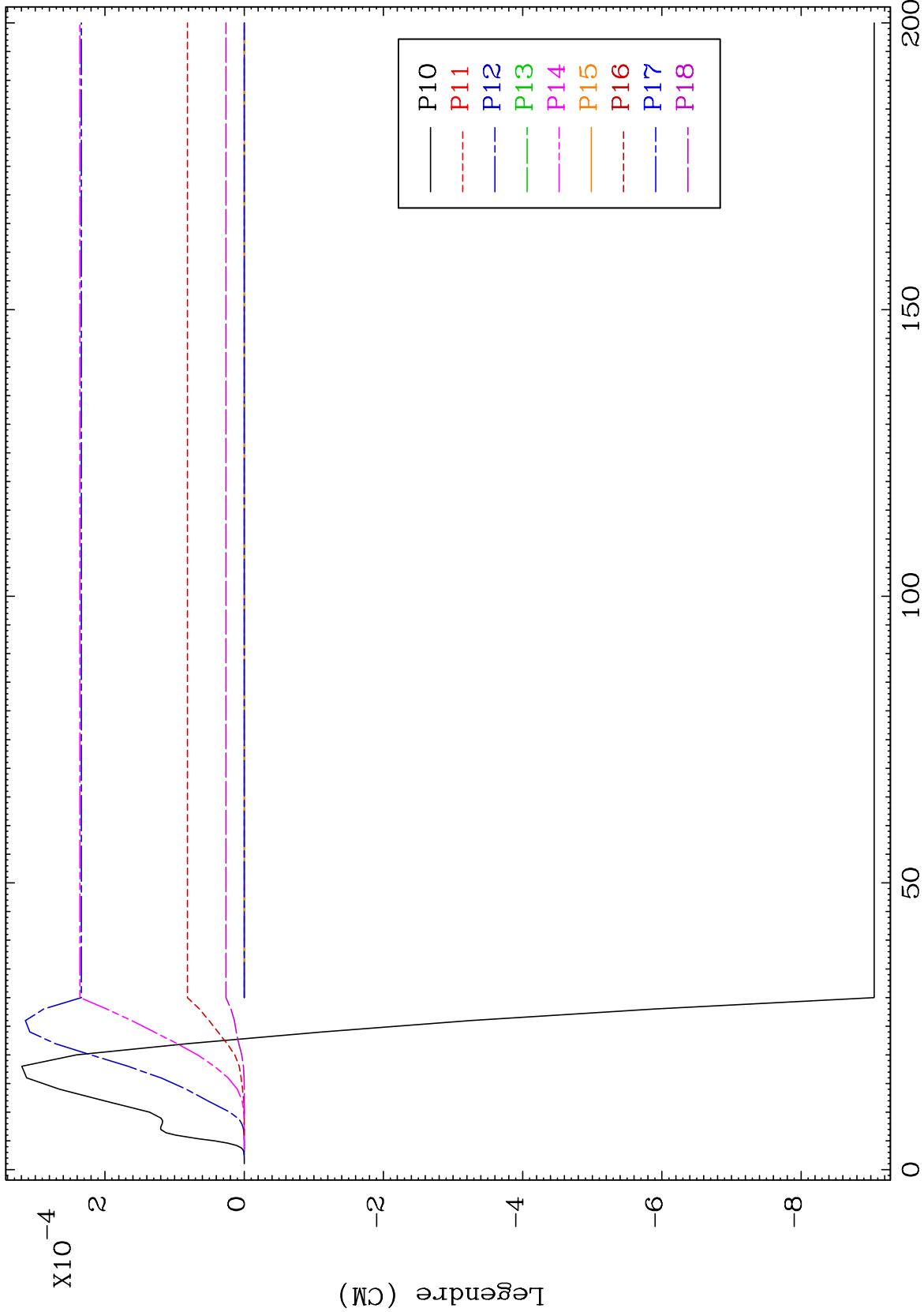




MAT 7092

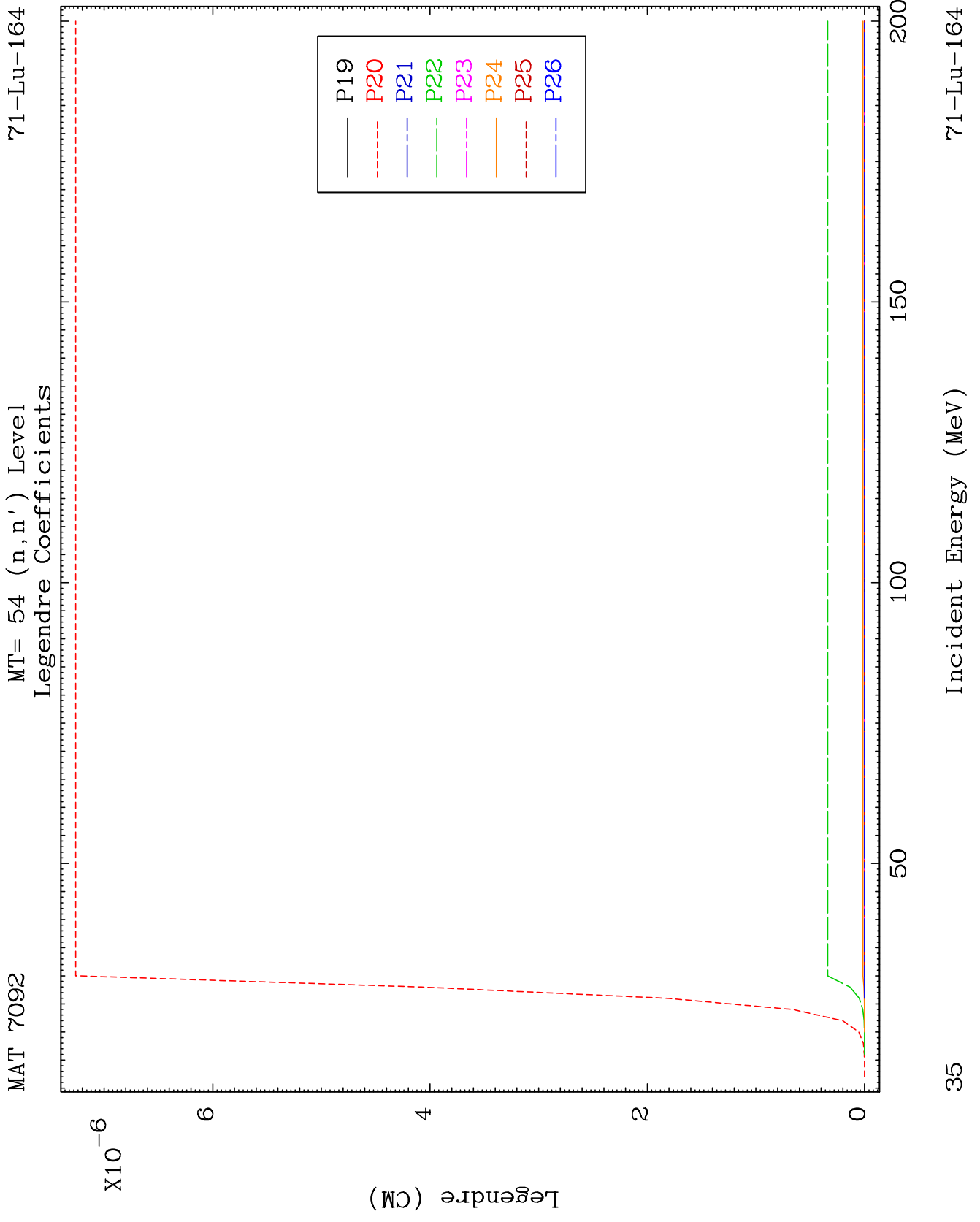
MT= 54 (n,n') Level  
Legendre Coefficients

71-Lu-164



34

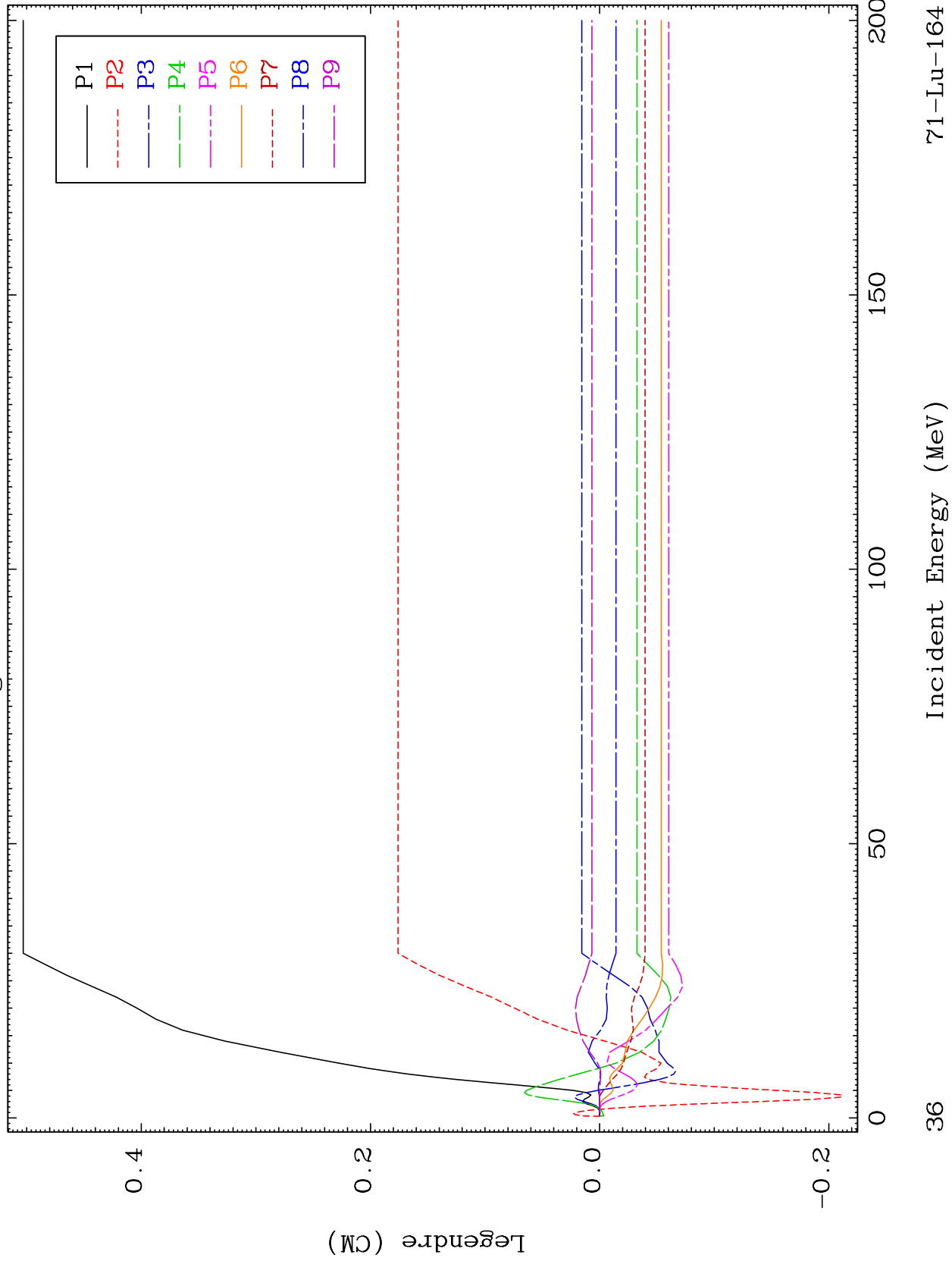
71-Lu-164



MAT 7092

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

71-Lu-164



71-Lu-164

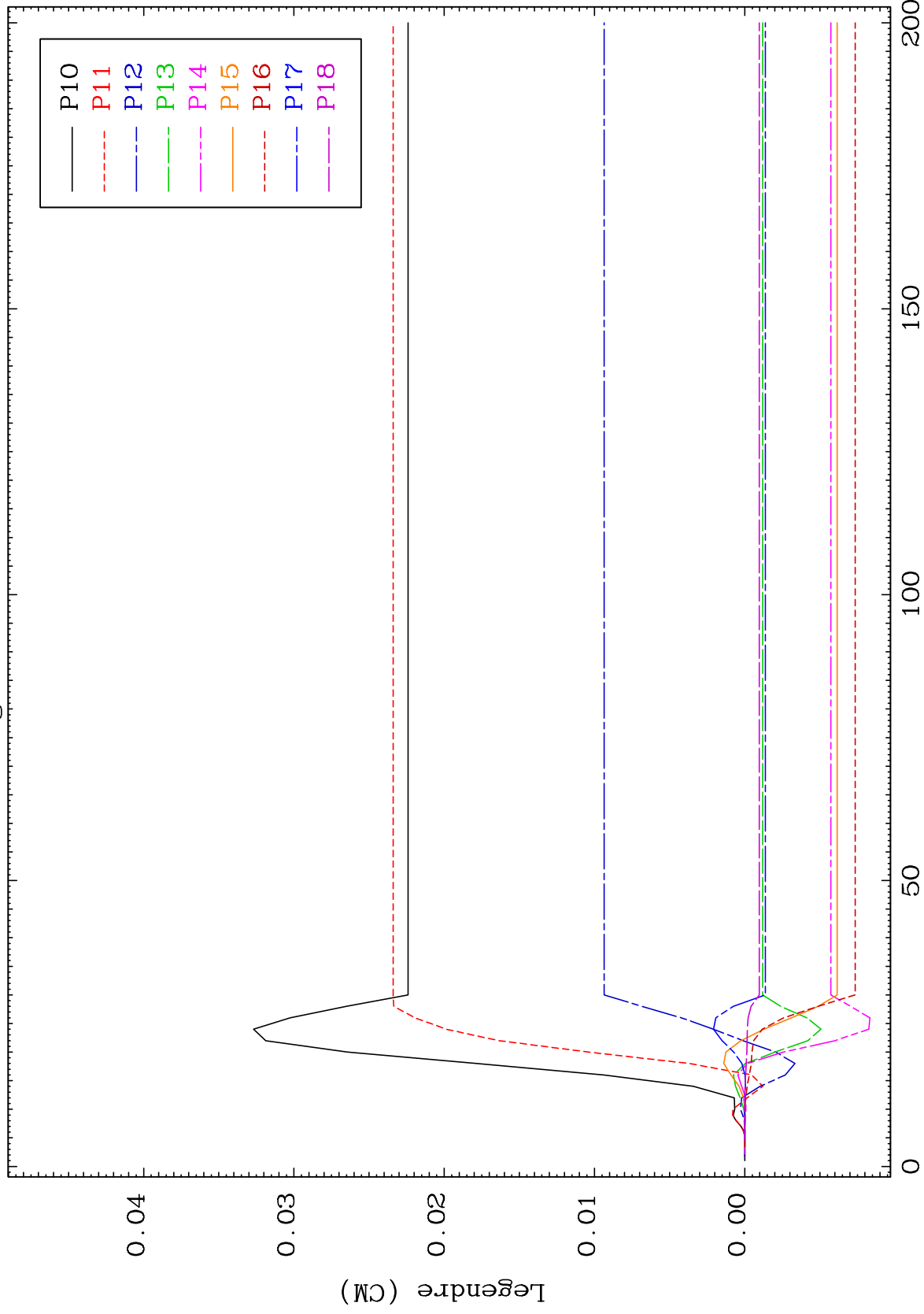
Incident Energy (MeV)

36

MAT 7092

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

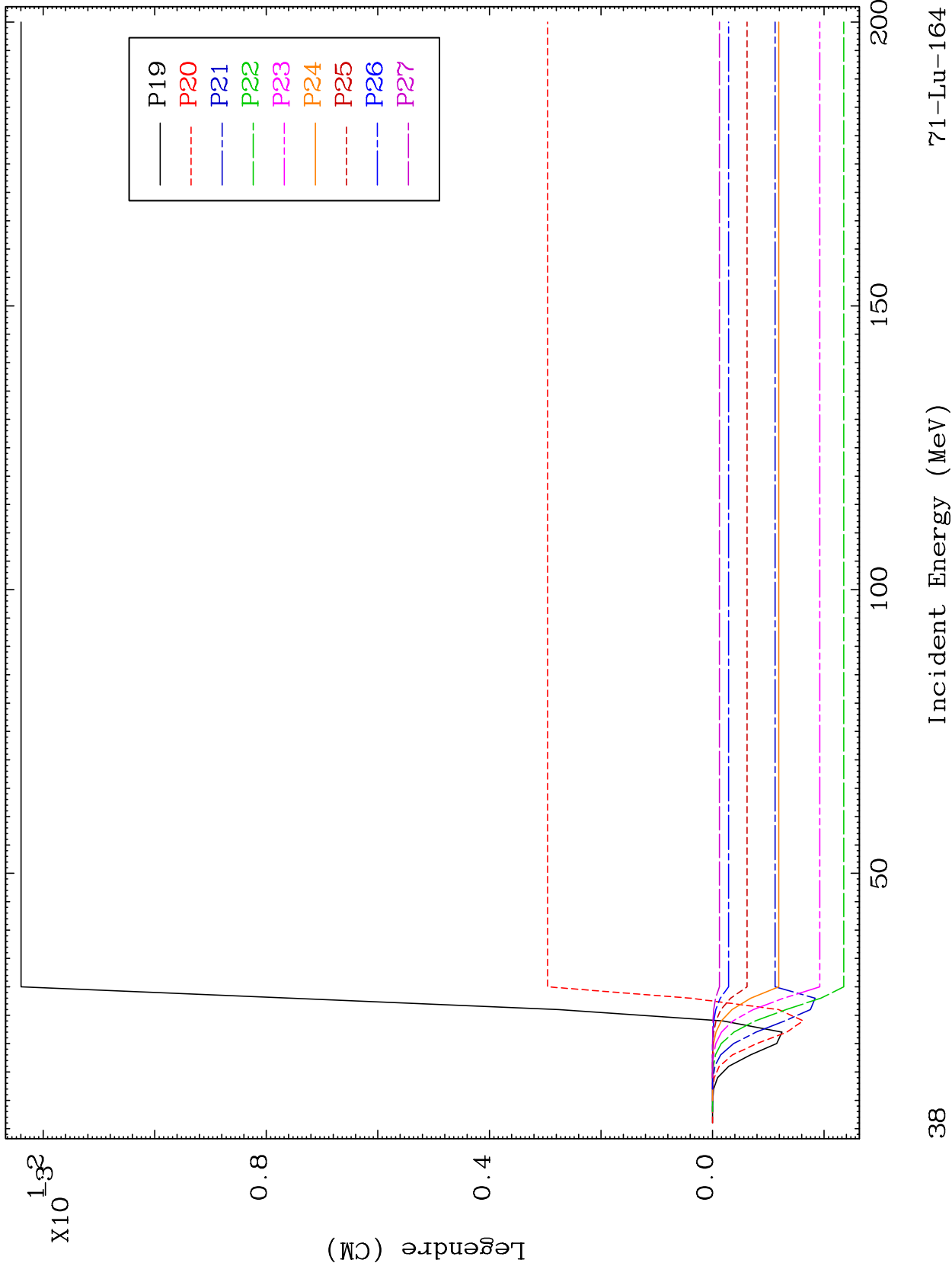
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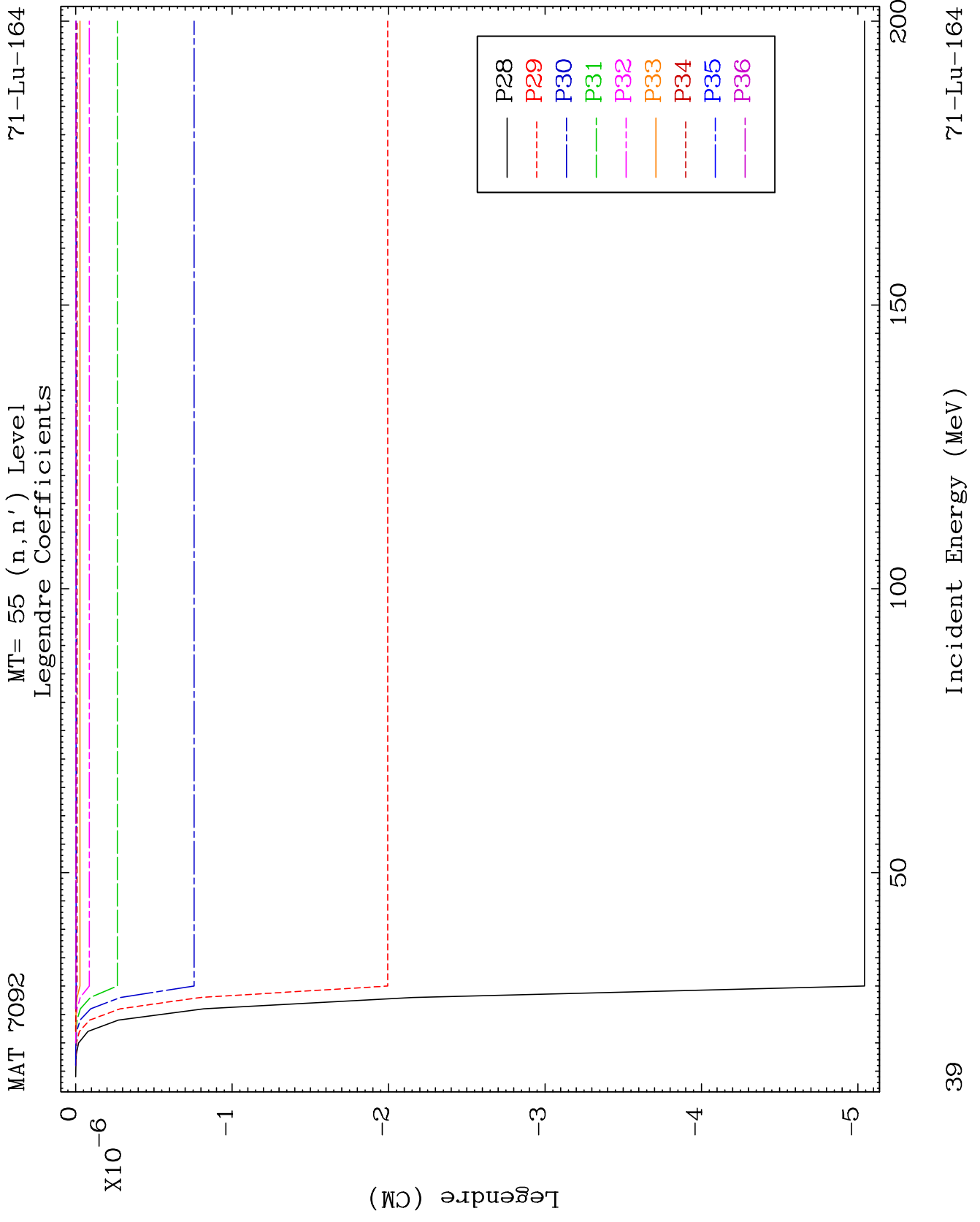


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Incident Energy (MeV)

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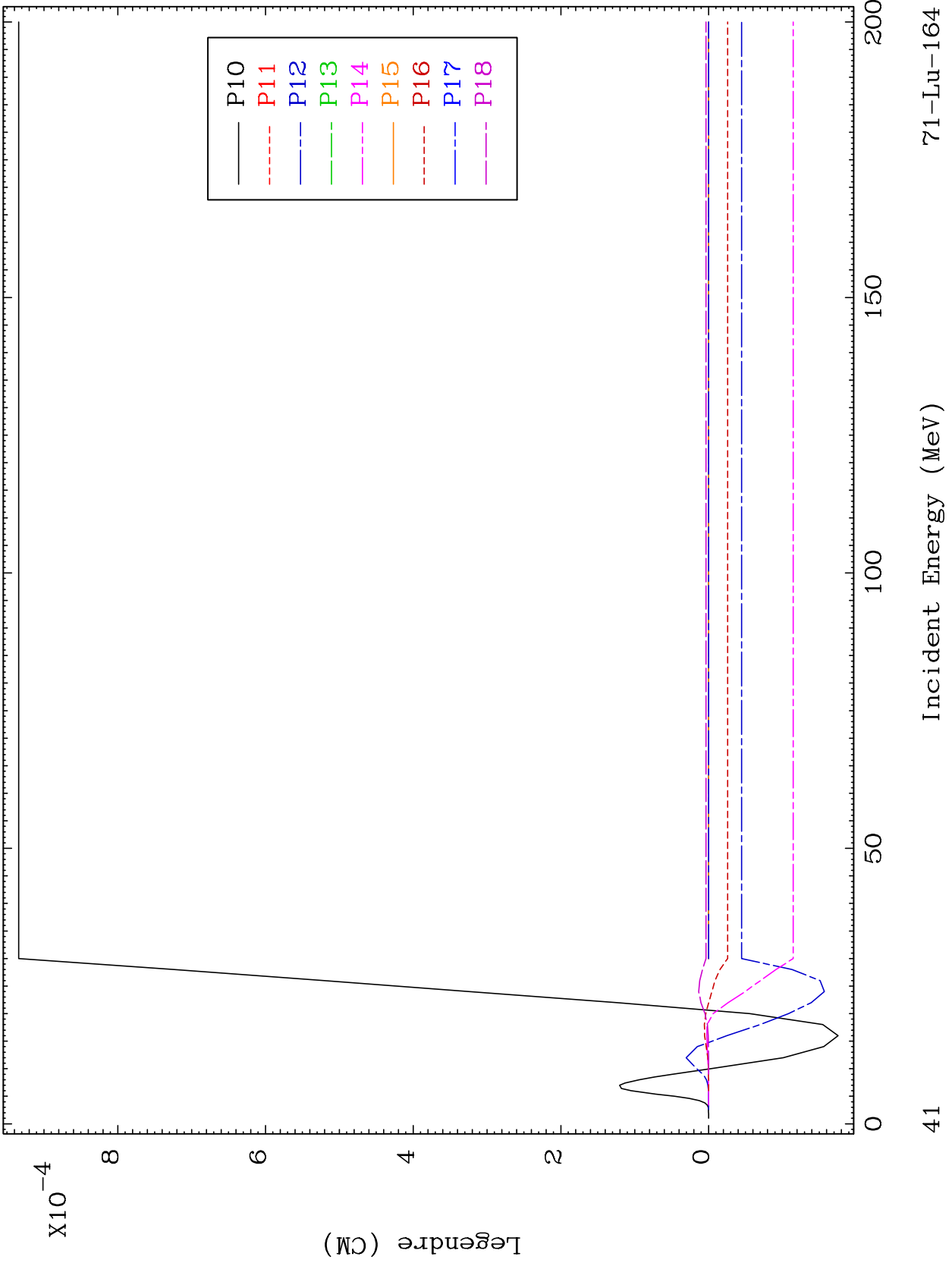




MAT 7092

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

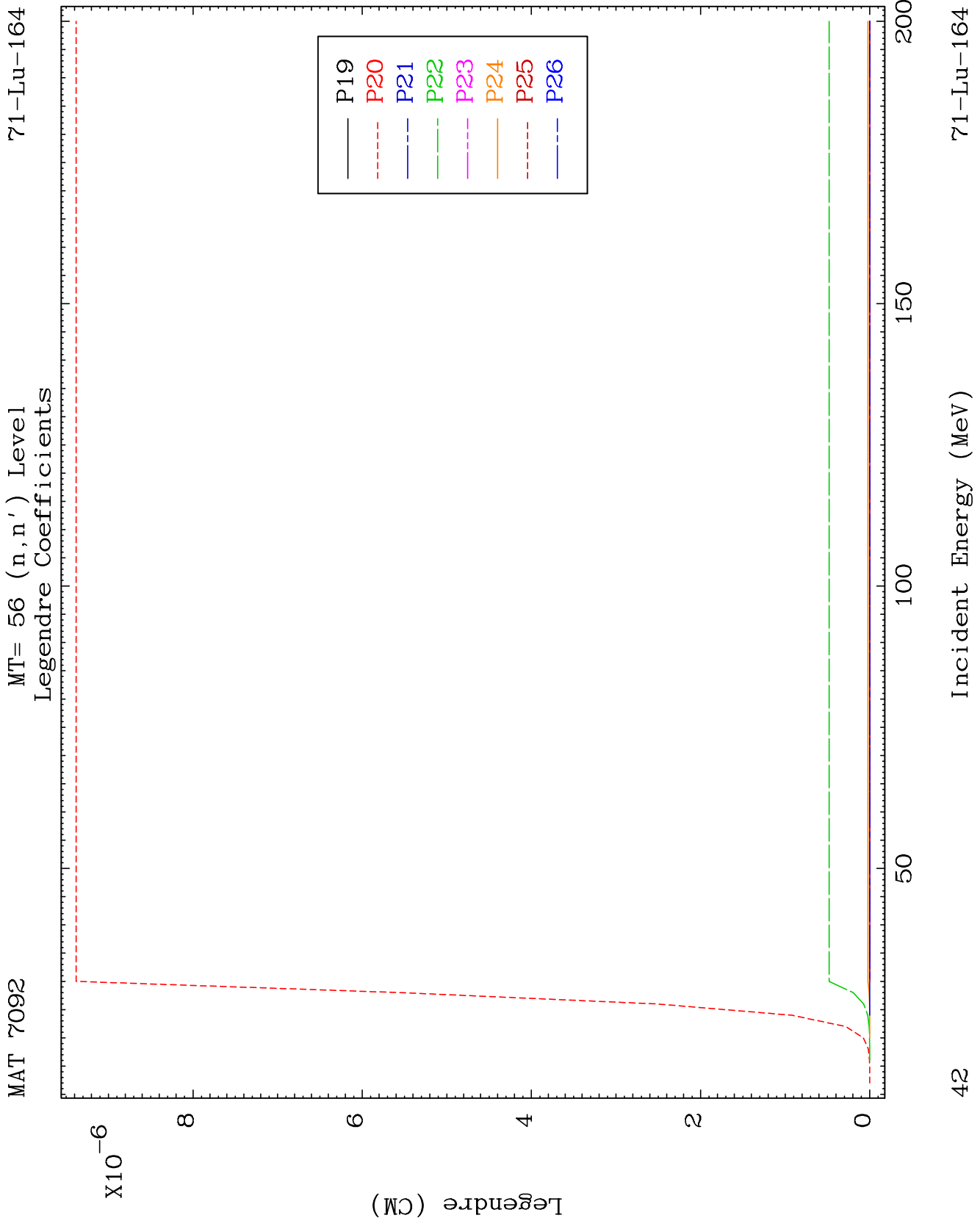
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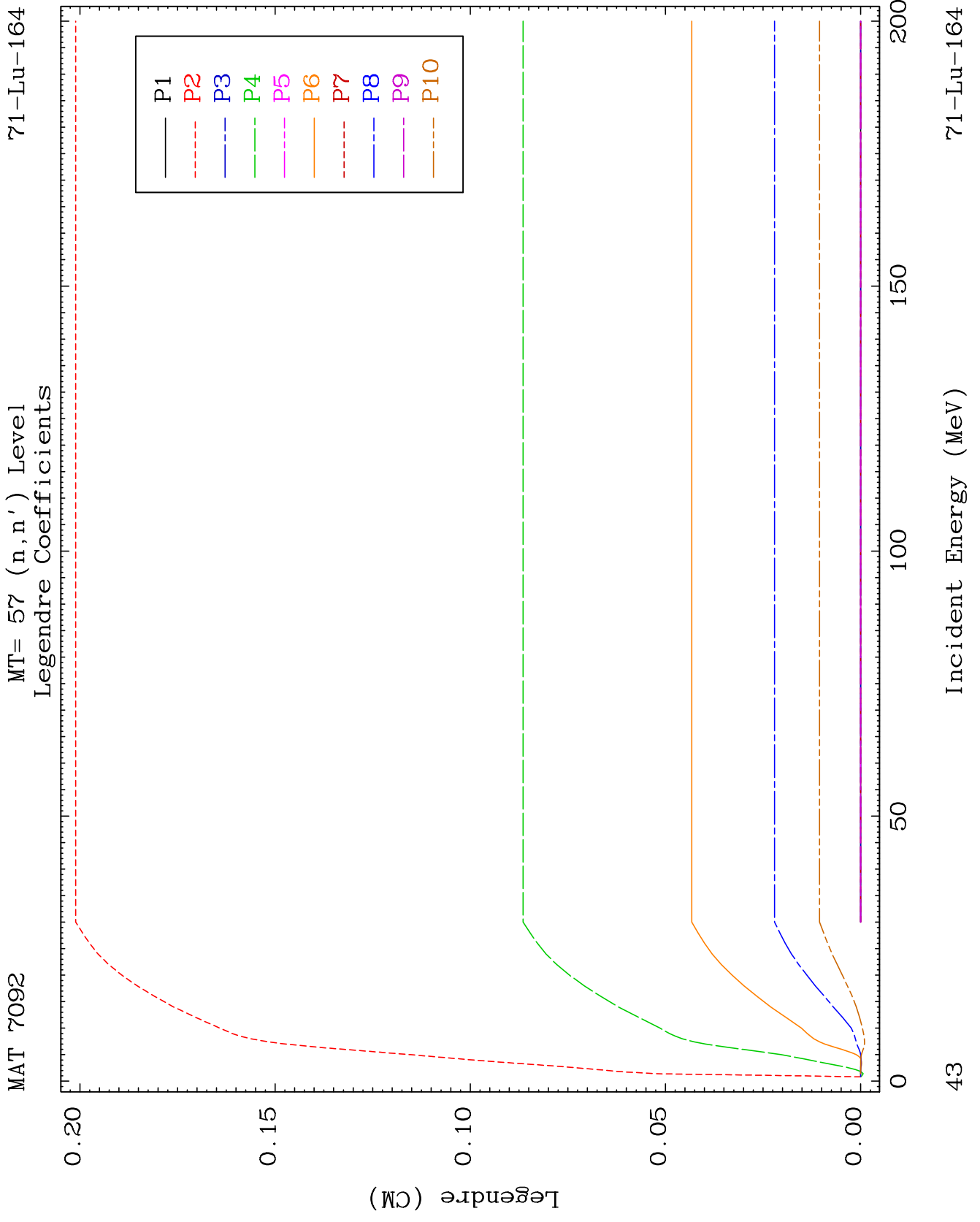


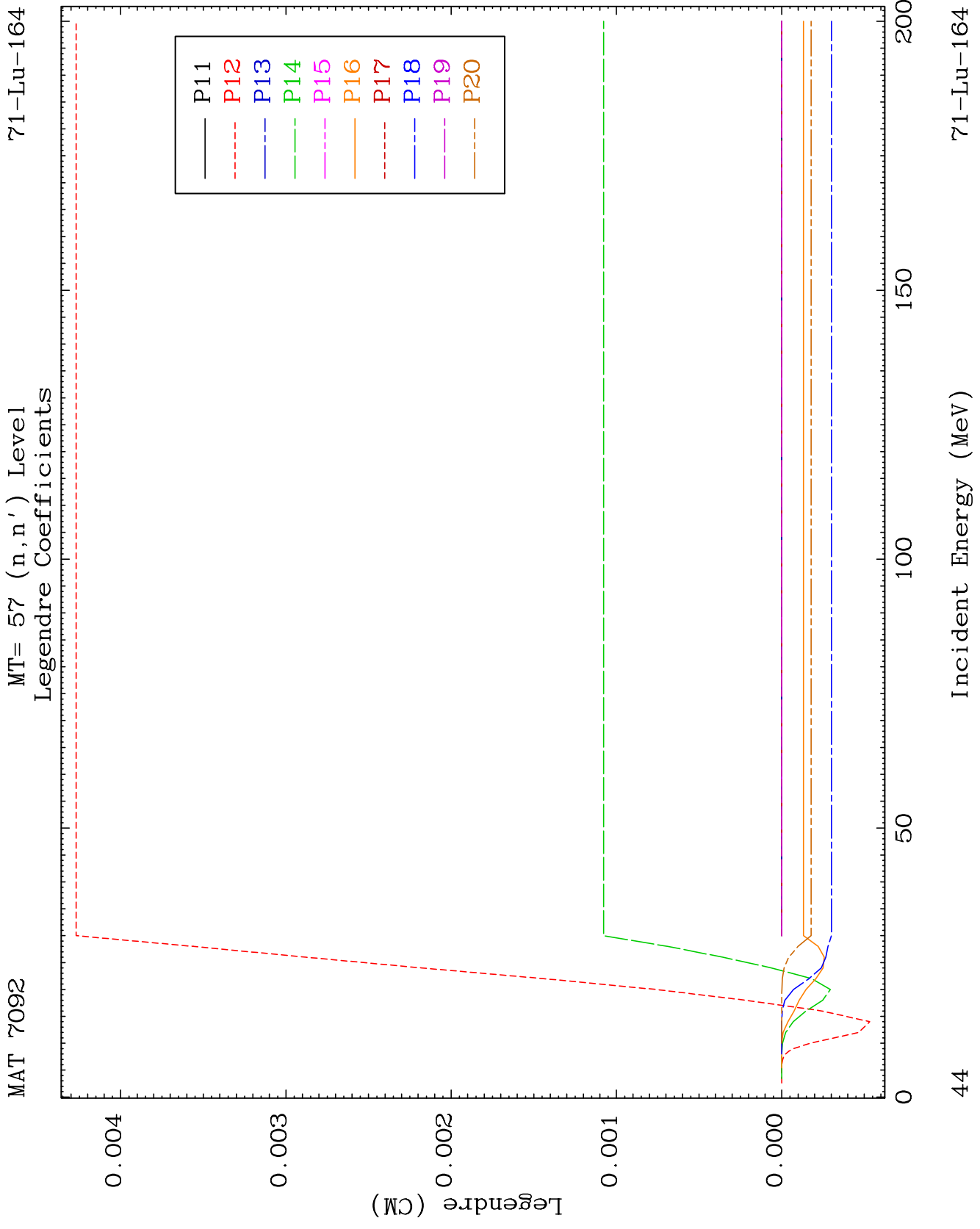
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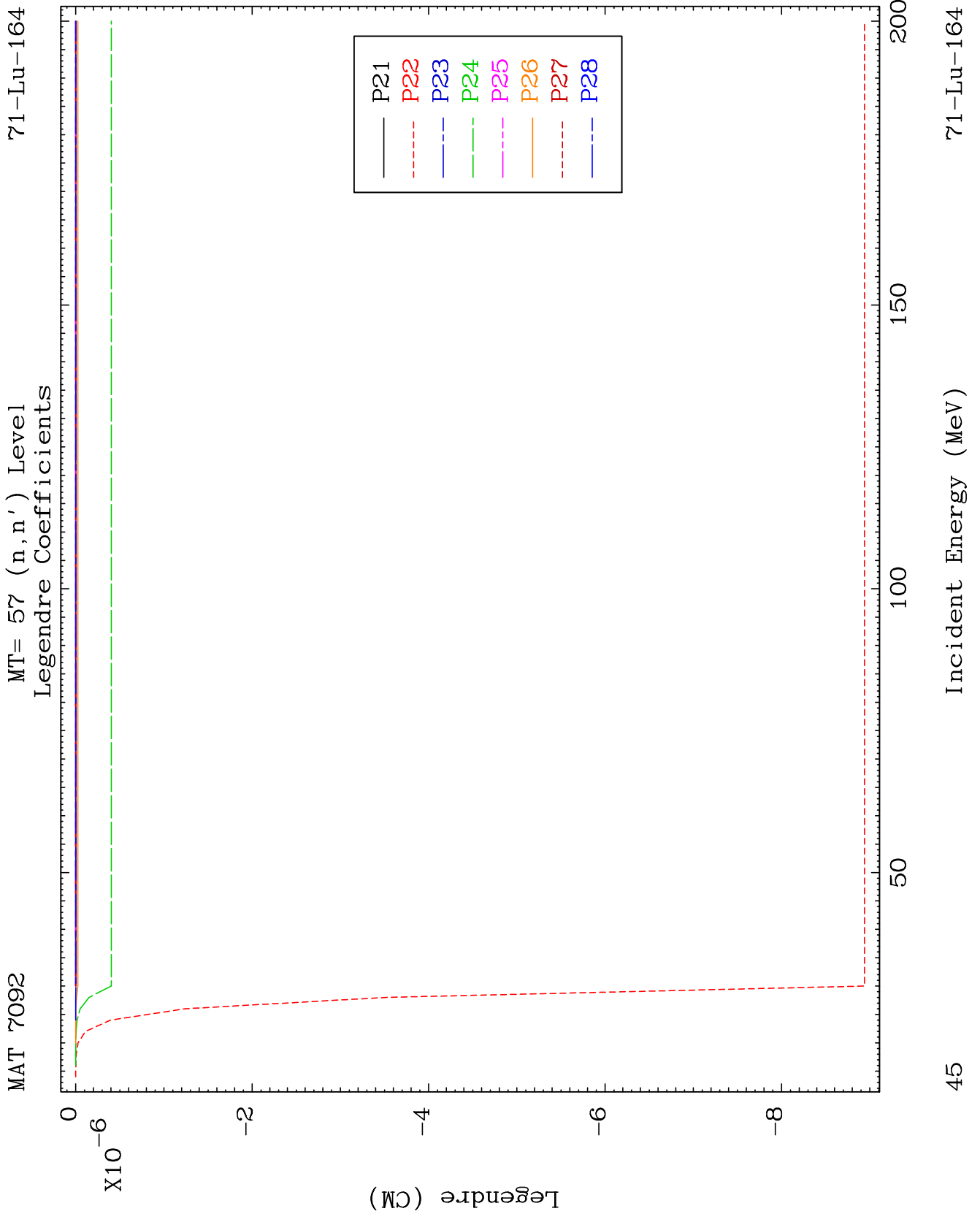
Incident Energy (MeV)

71-Lu-164





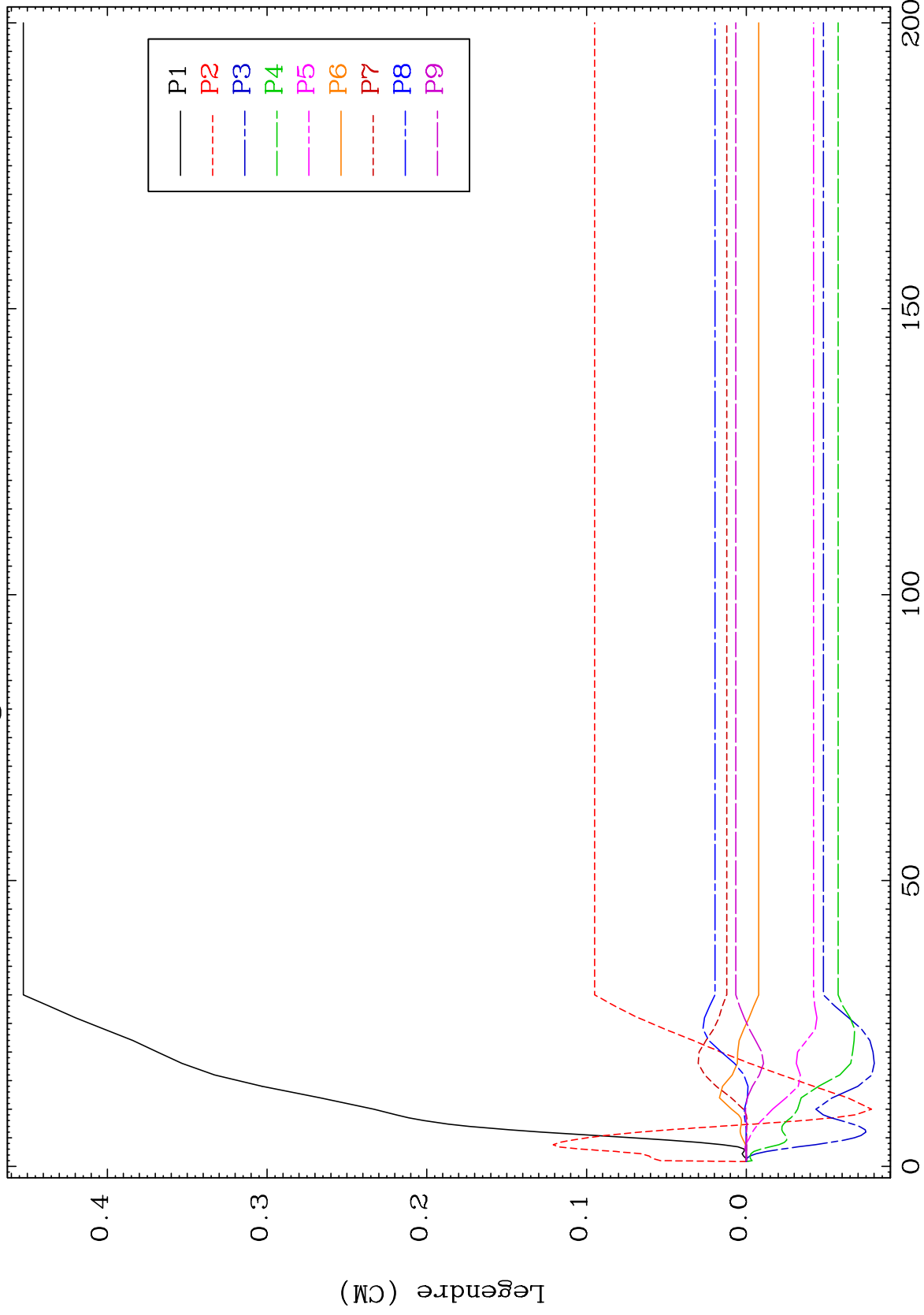




MAT 7092

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

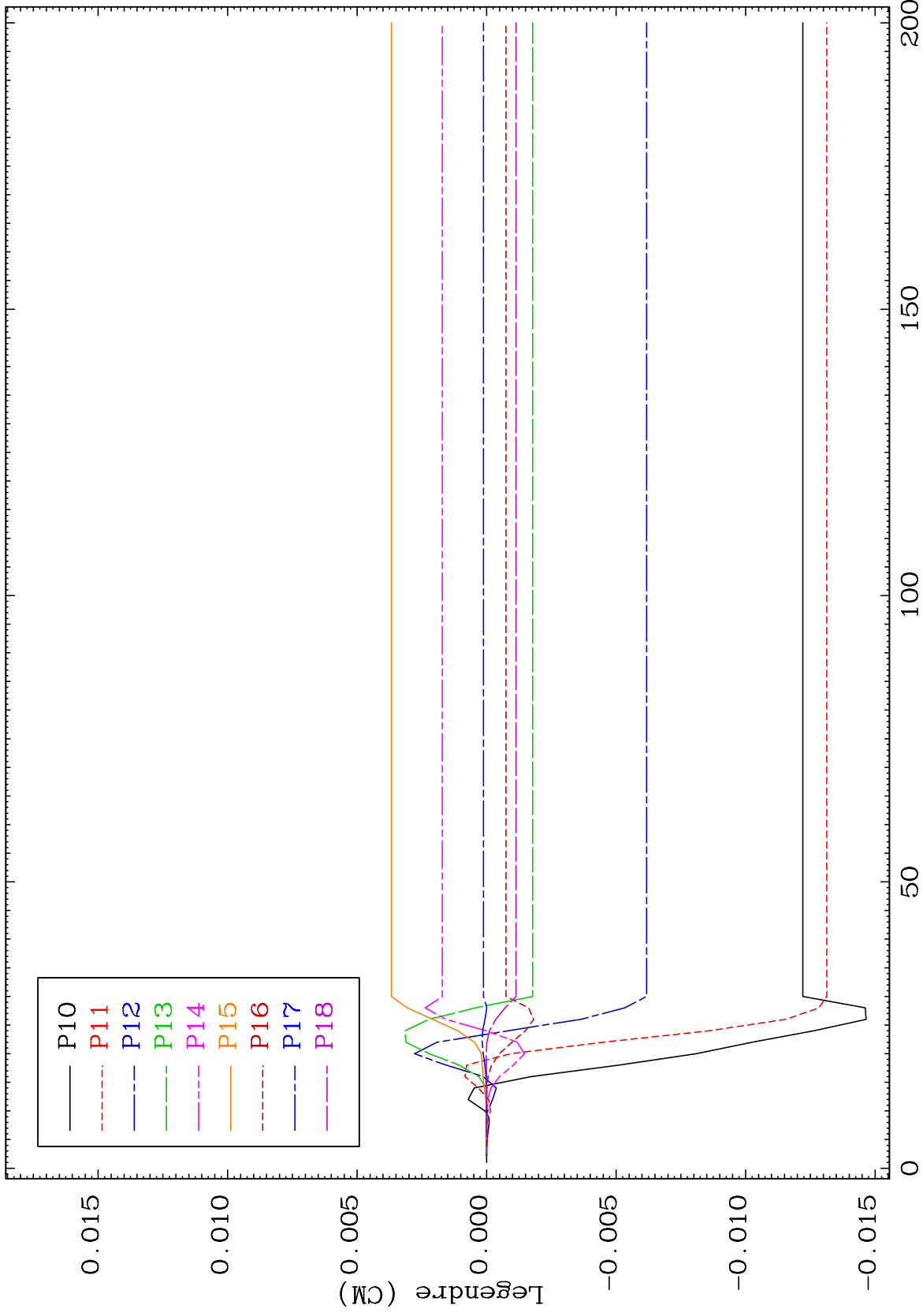
71-Lu-164



46

Incident Energy (MeV)

71-Lu-164

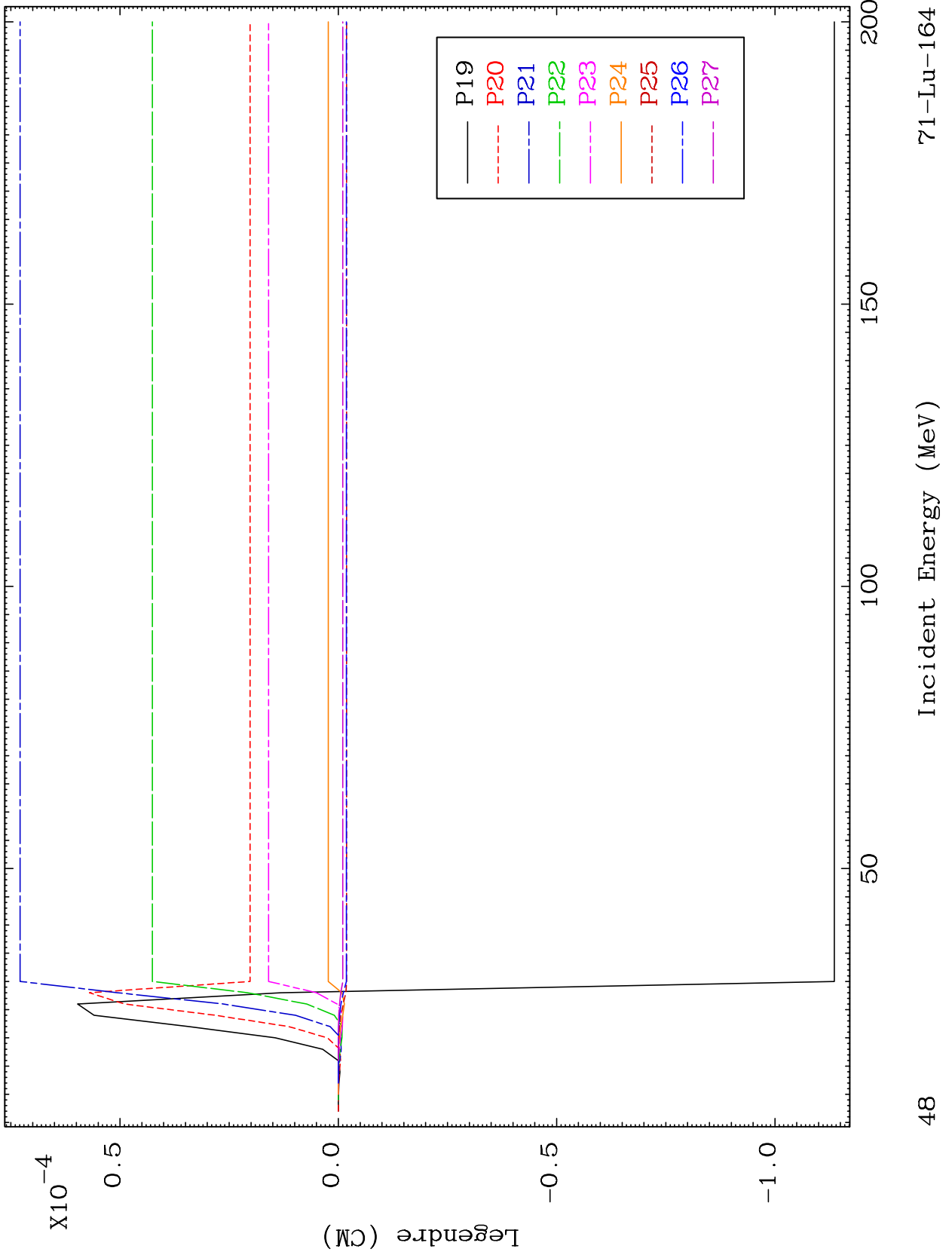




MAT 7092

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

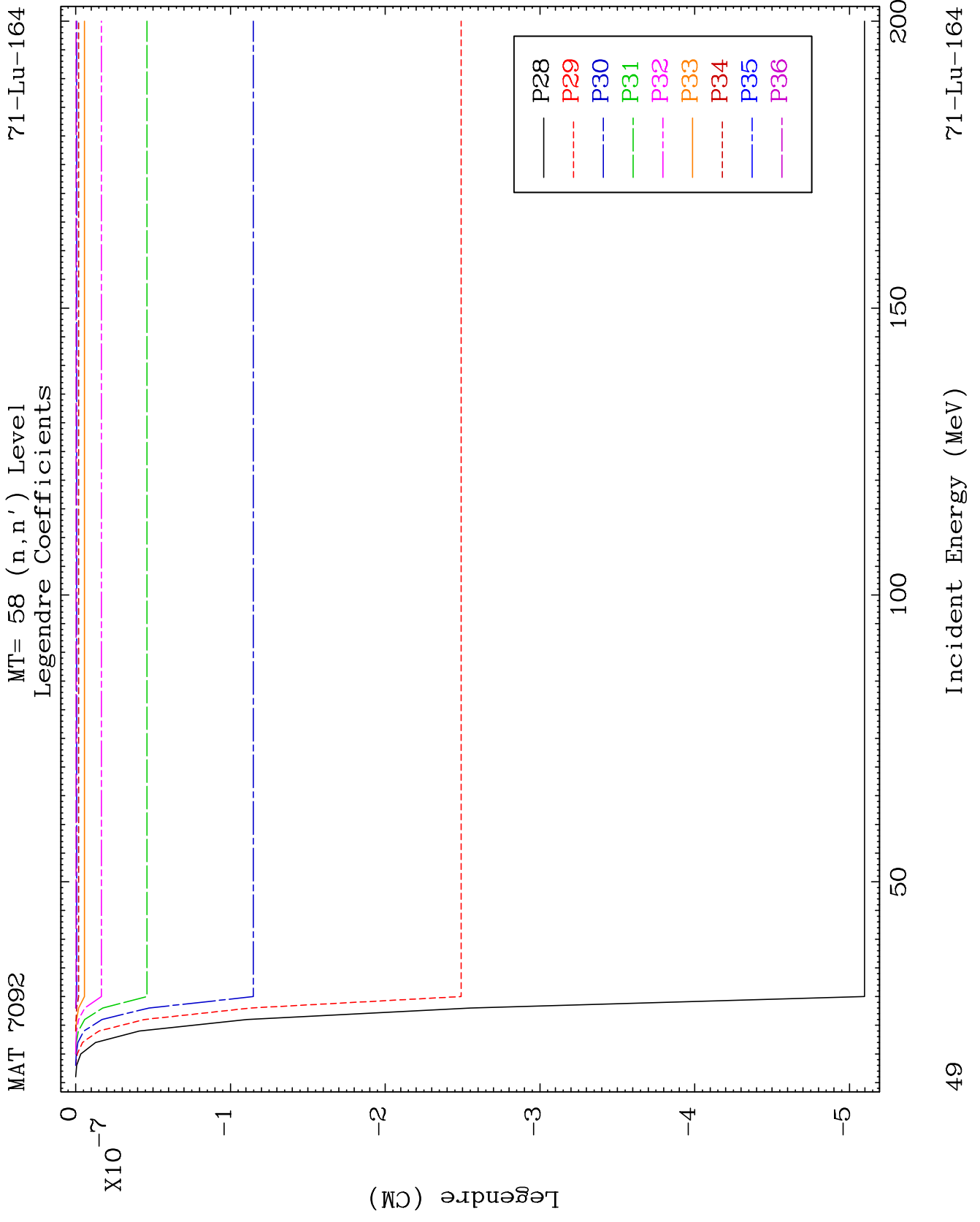
71-Lu-164



48

Incident Energy (MeV)

71-Lu-164

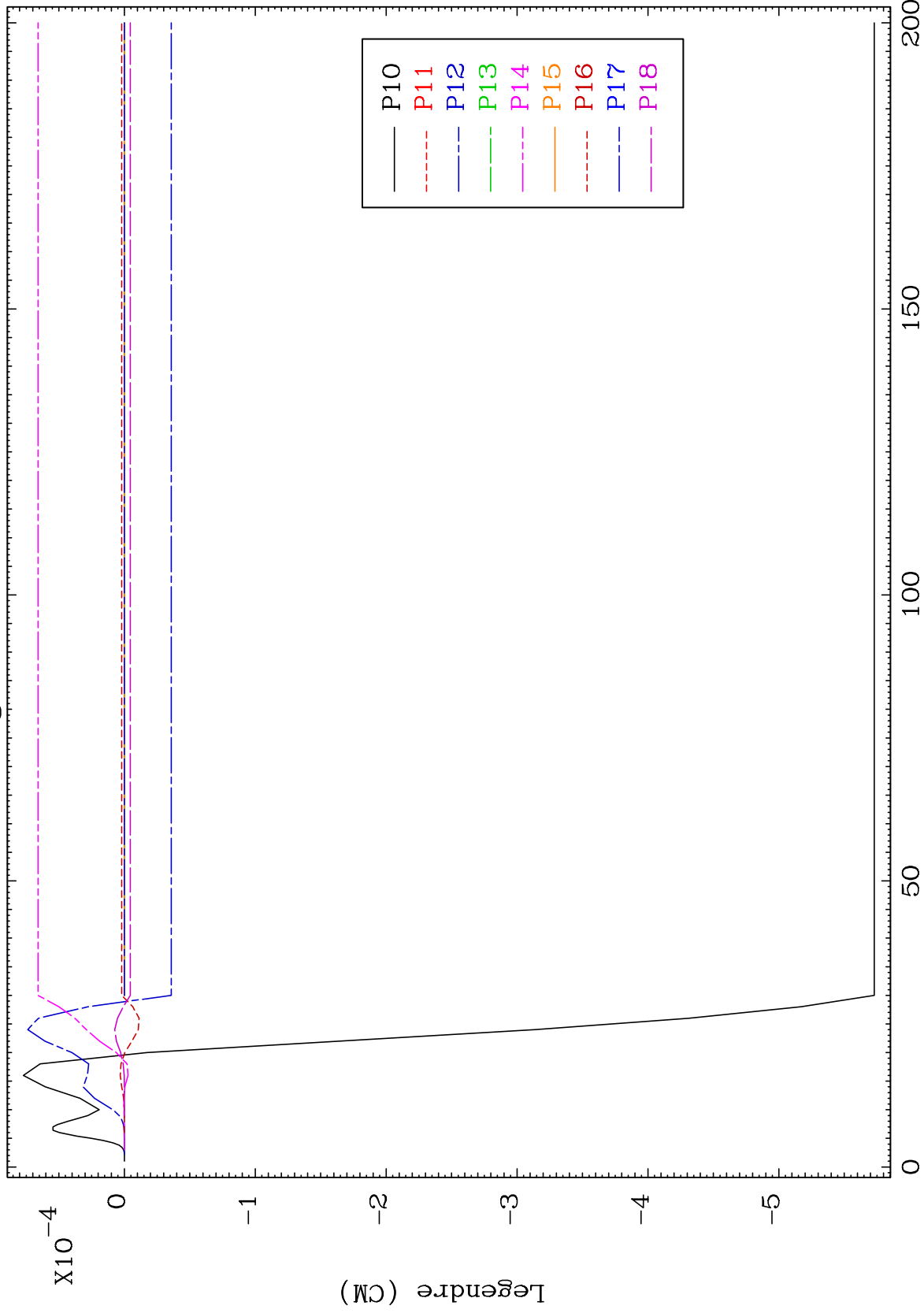




MAT 7092

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

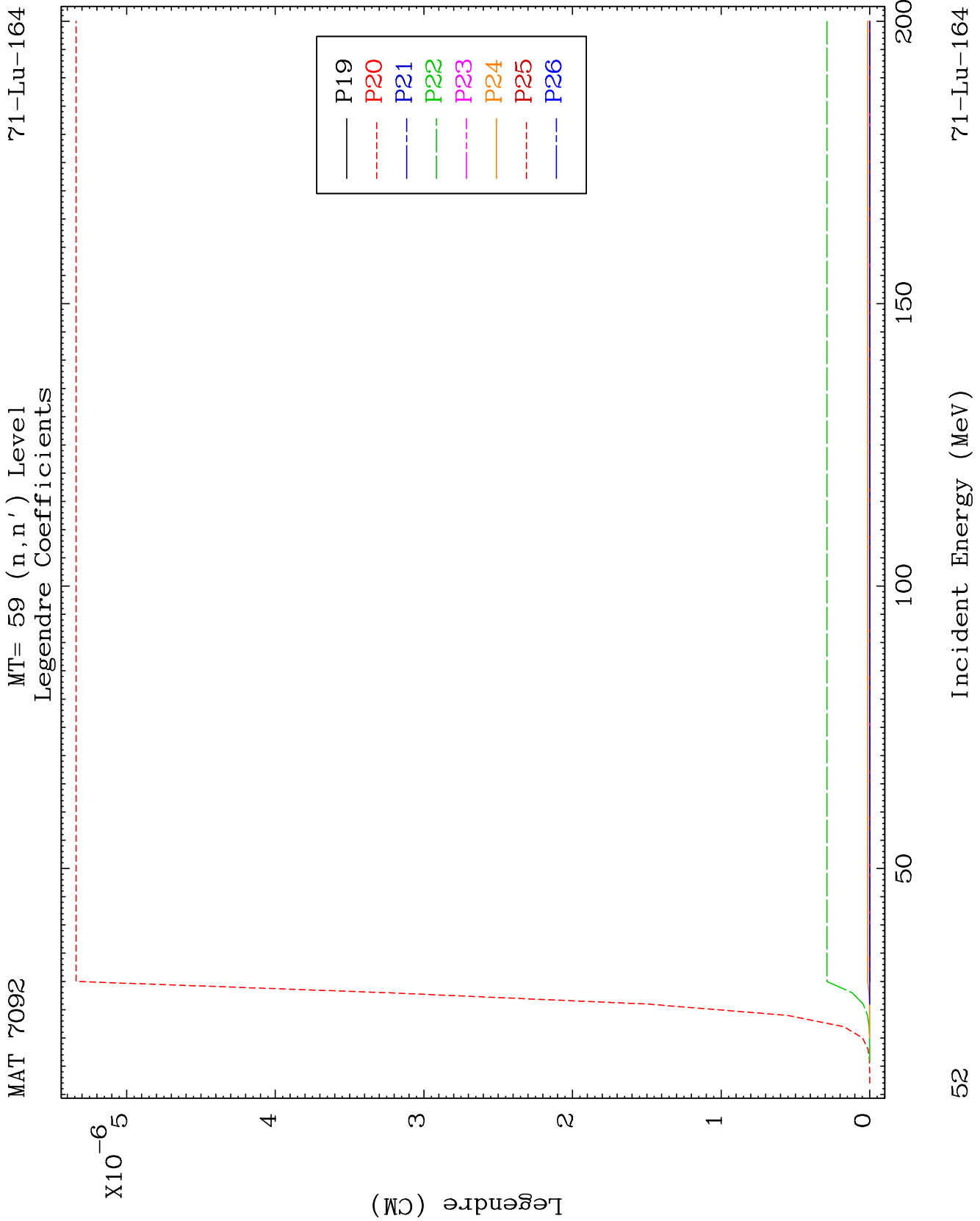
71-Lu-164



51

Incident Energy (MeV)

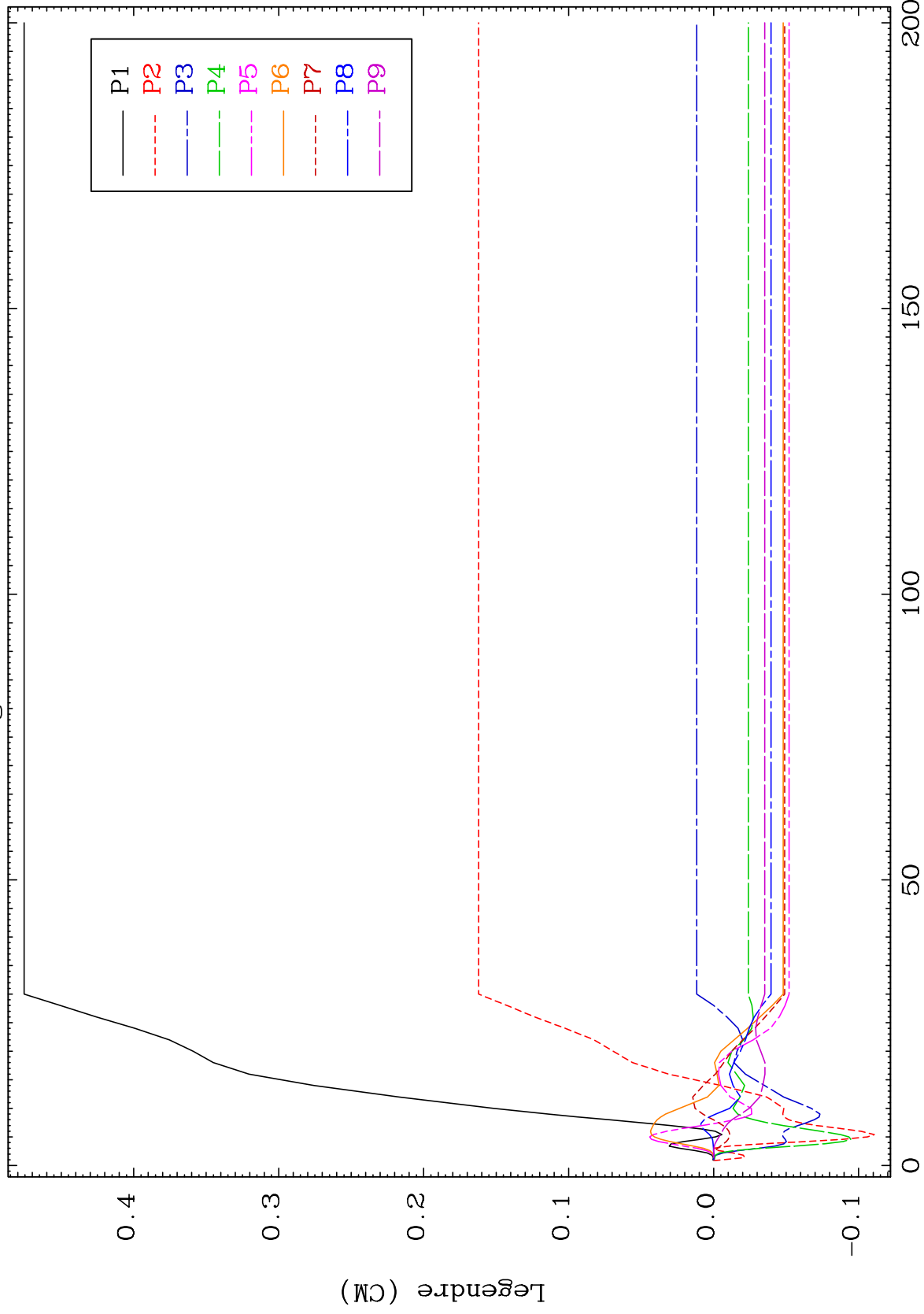
71-Lu-164



MAT 7092

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

71-Lu-164



53

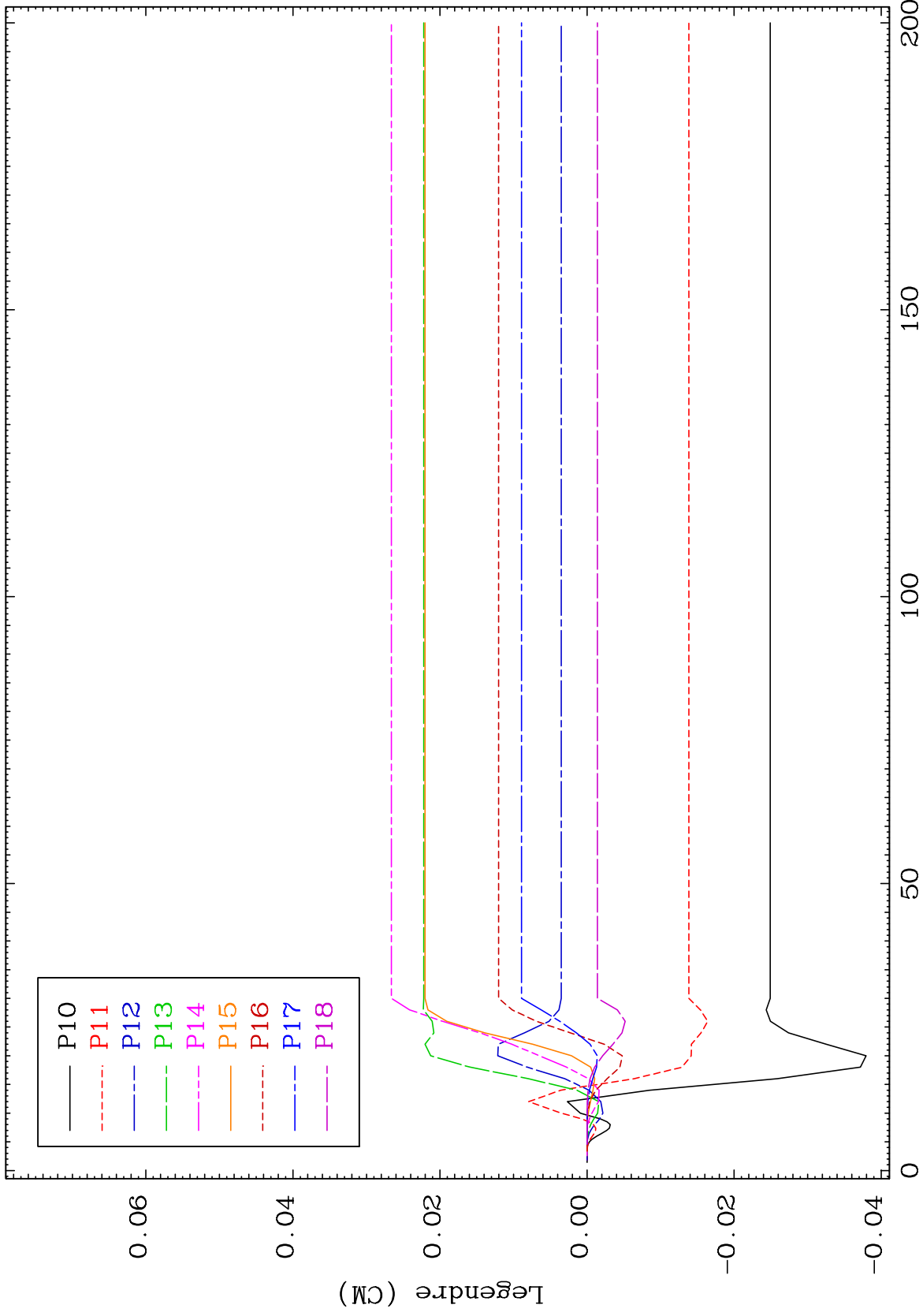
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



54

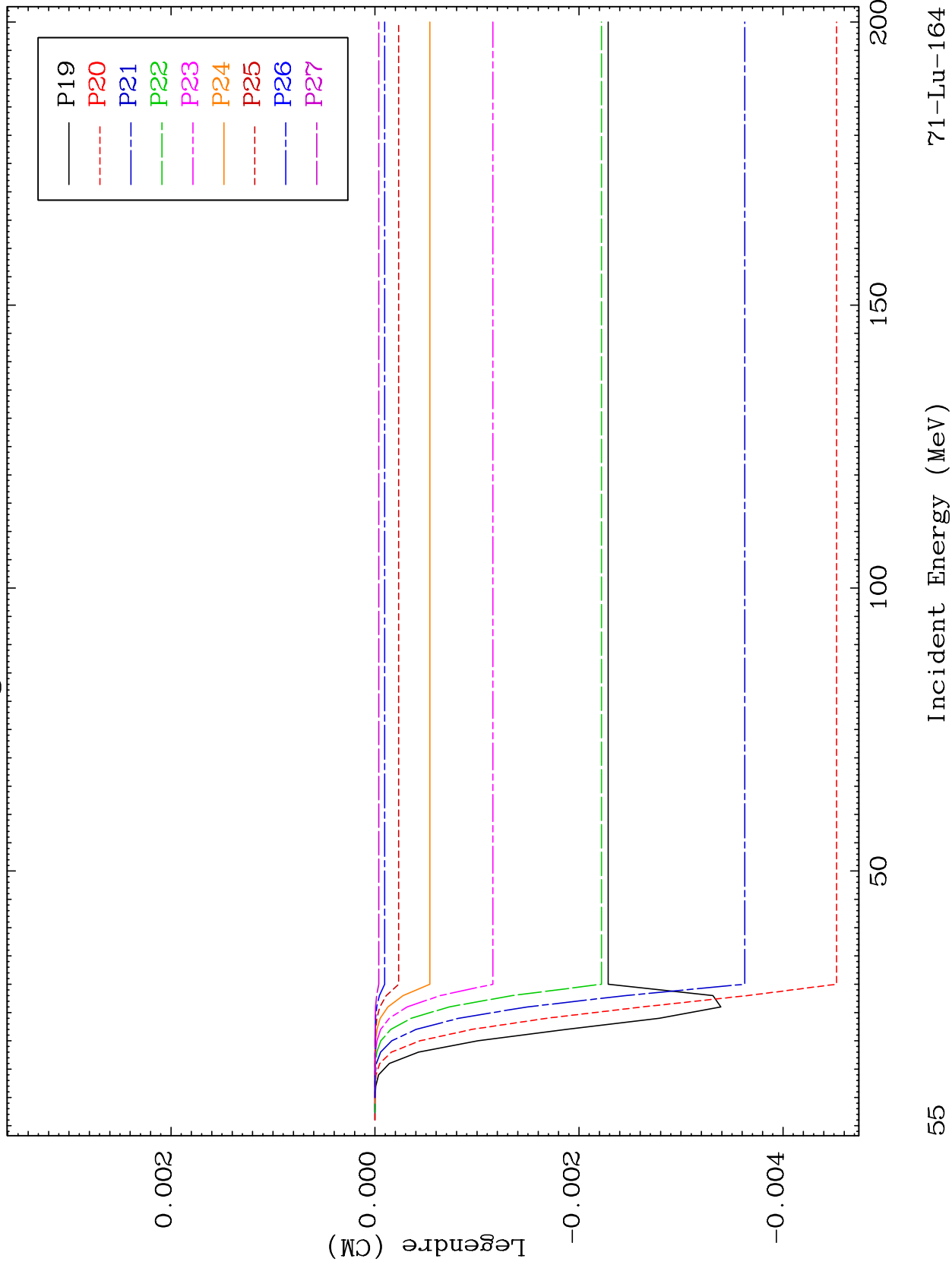
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164

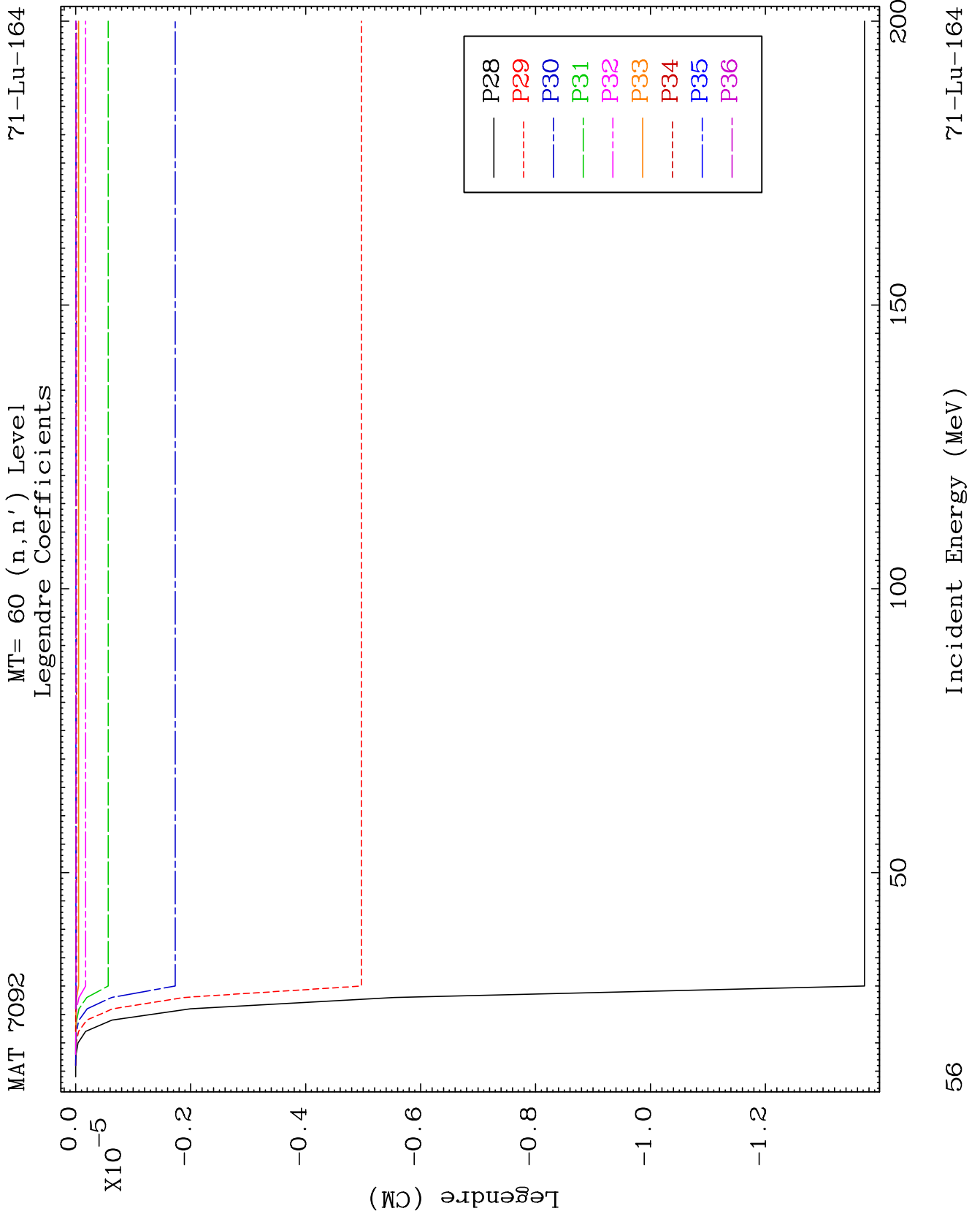


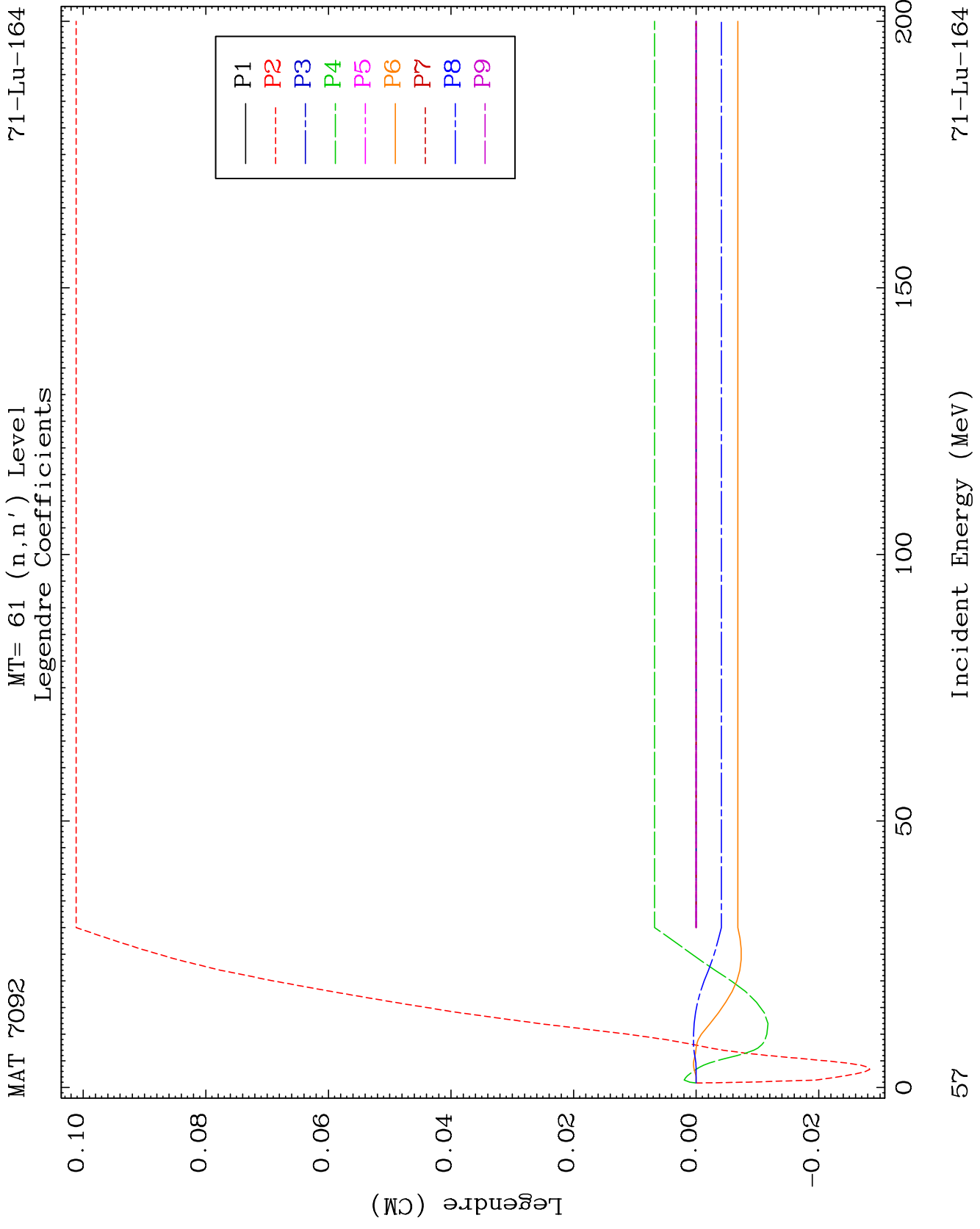
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Incident Energy (MeV)

71-Lu-164



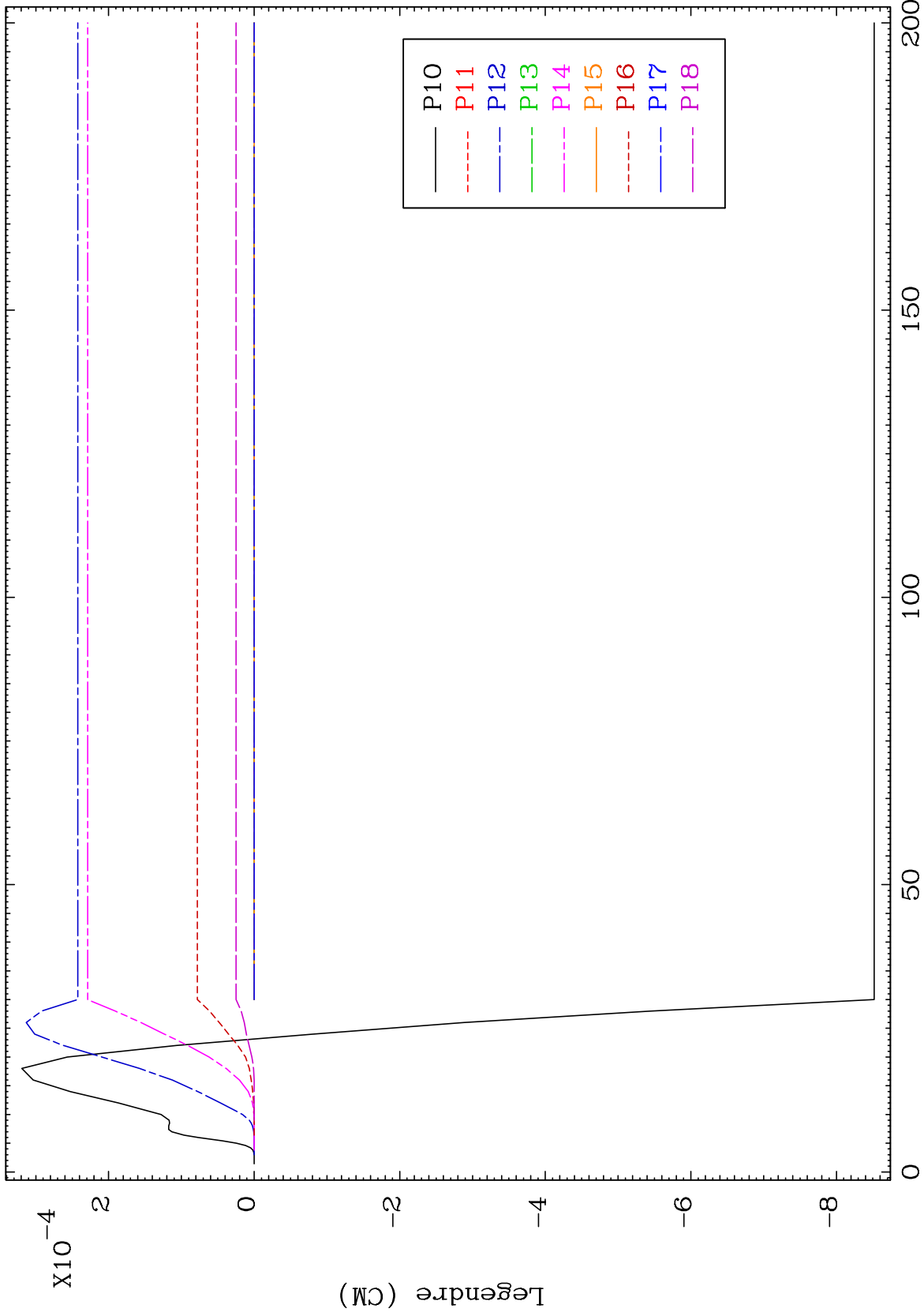




MAT 7092

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Legendre Coefficients

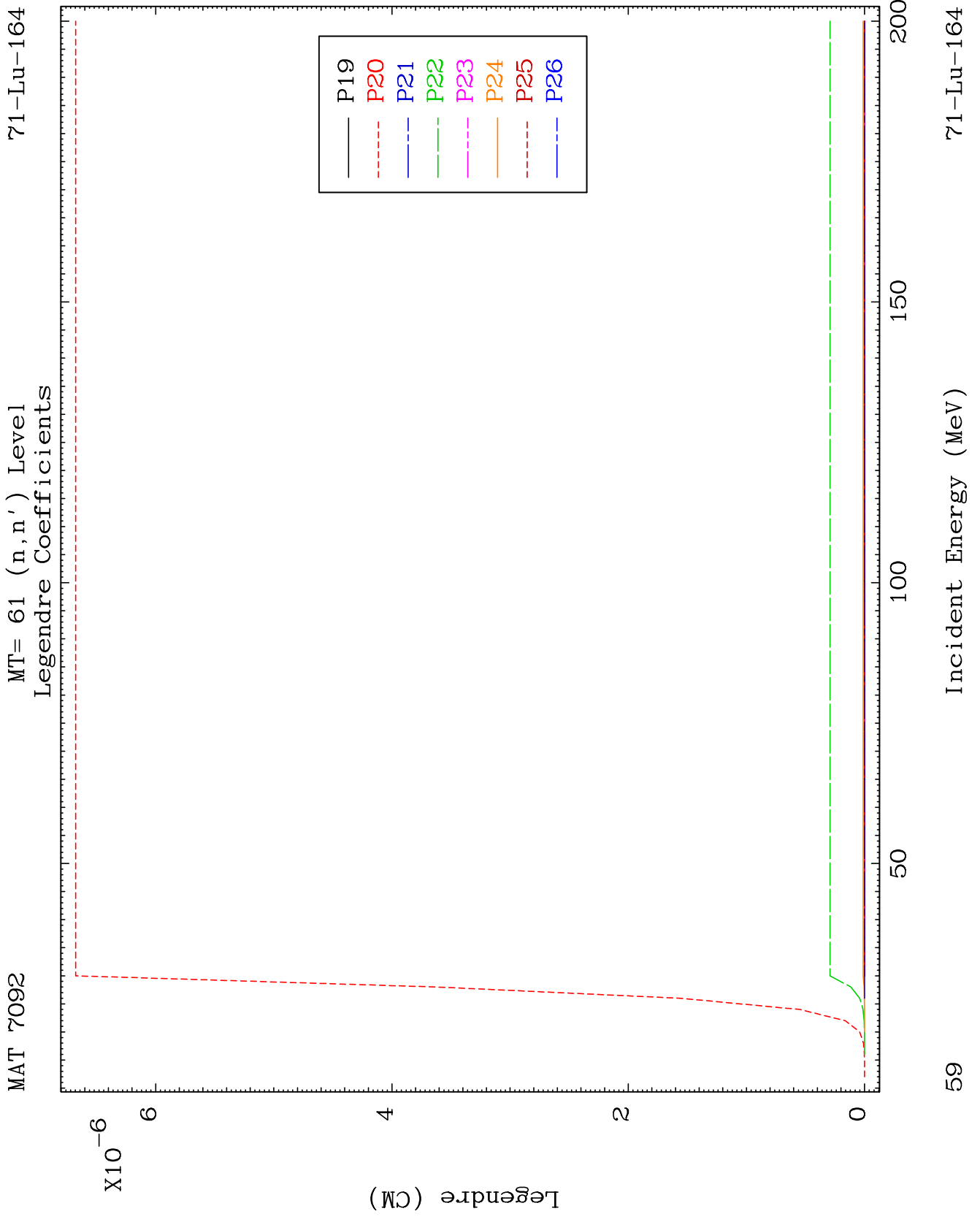
71-Lu-164



58

Incident Energy (MeV)

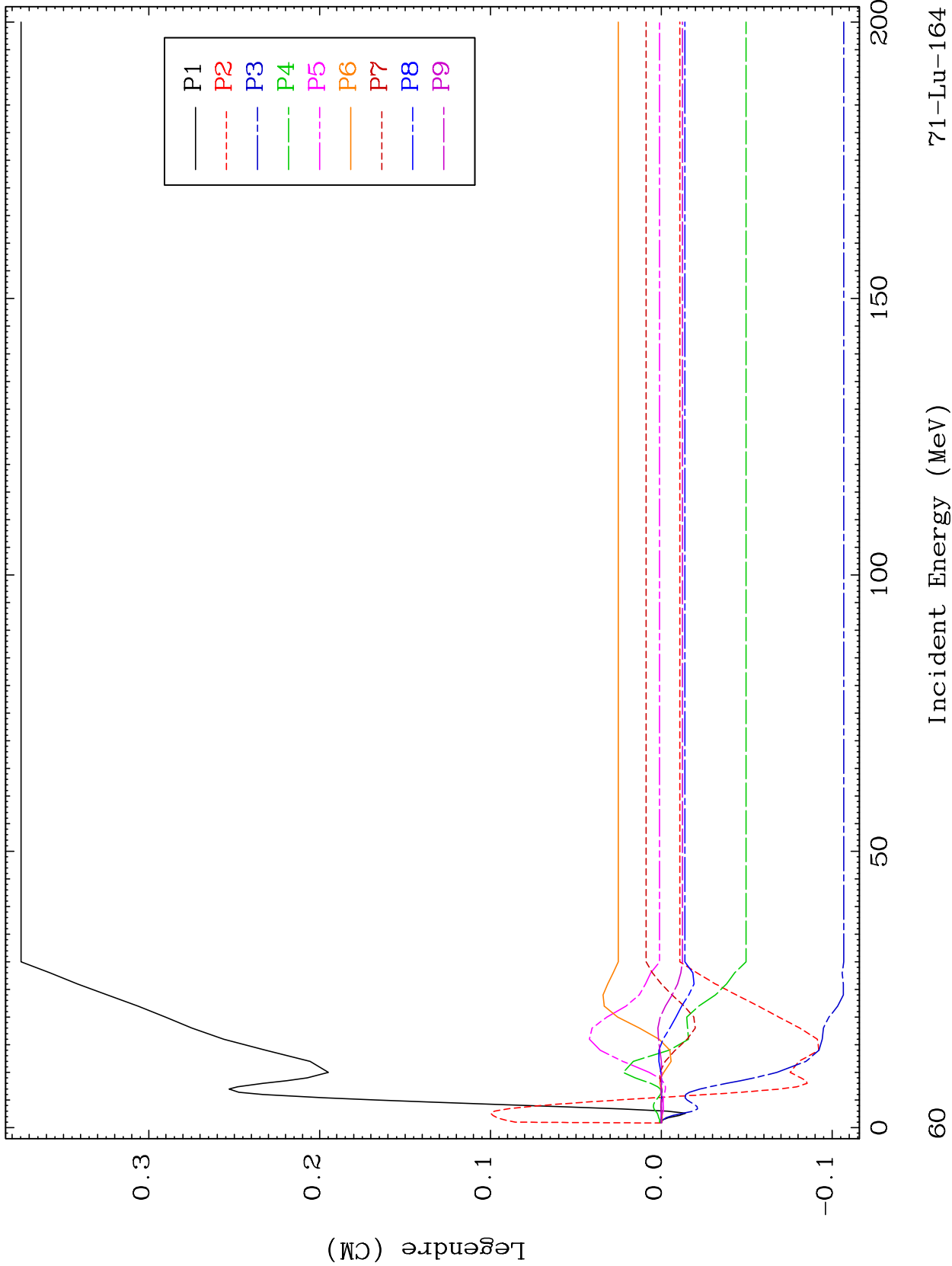
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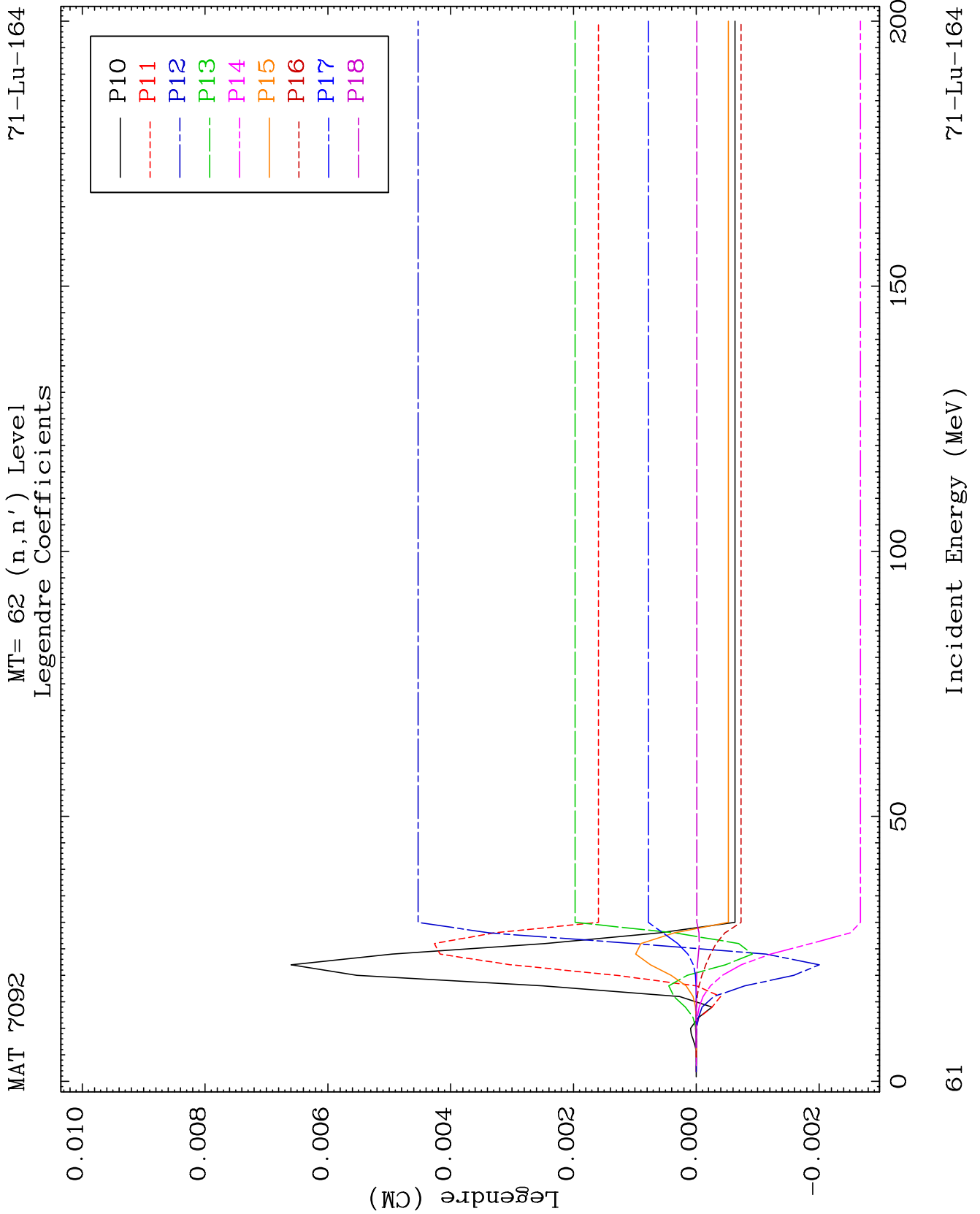


MAT 7092

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

71-Lu-164

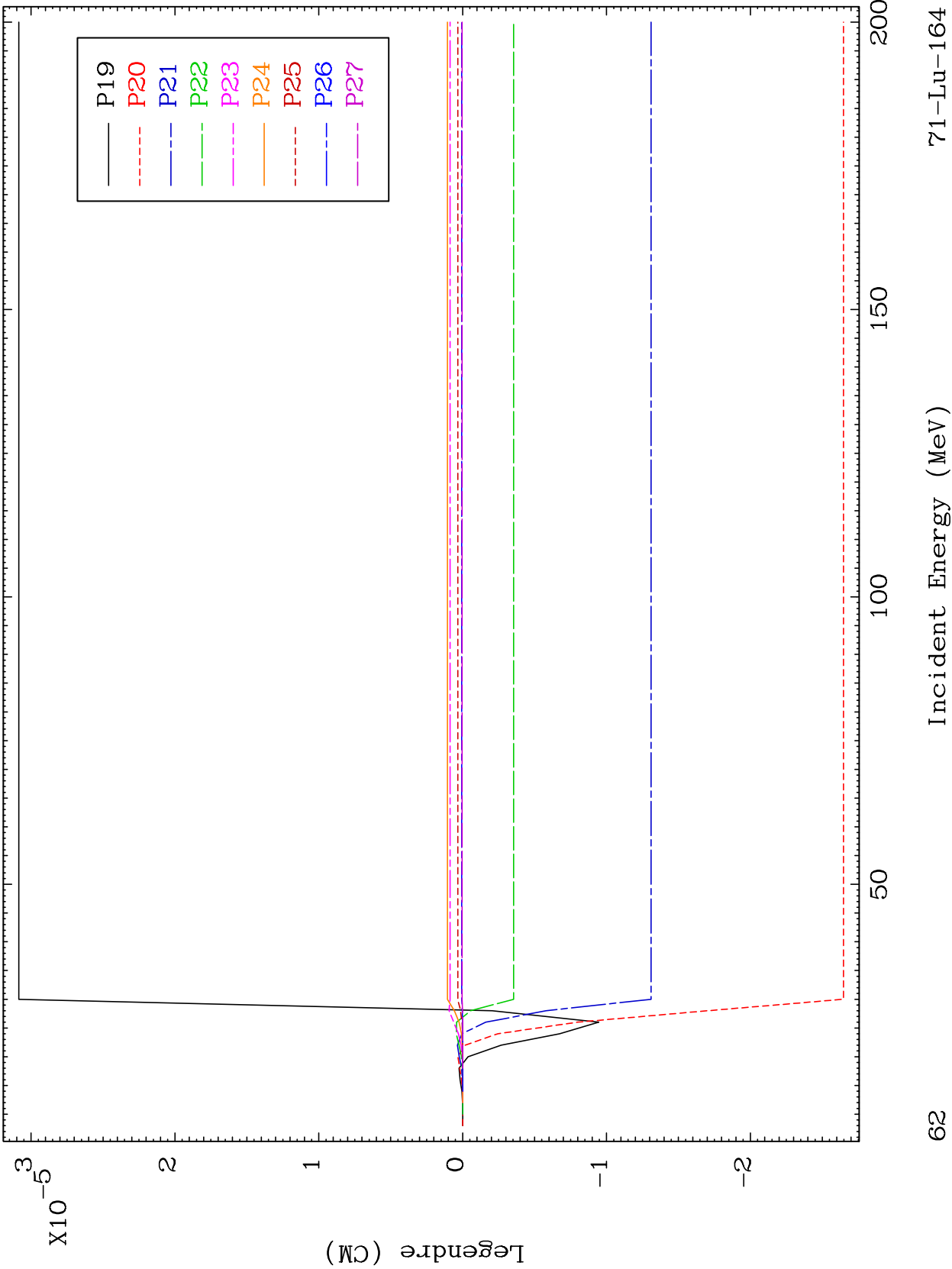




MAT 7092

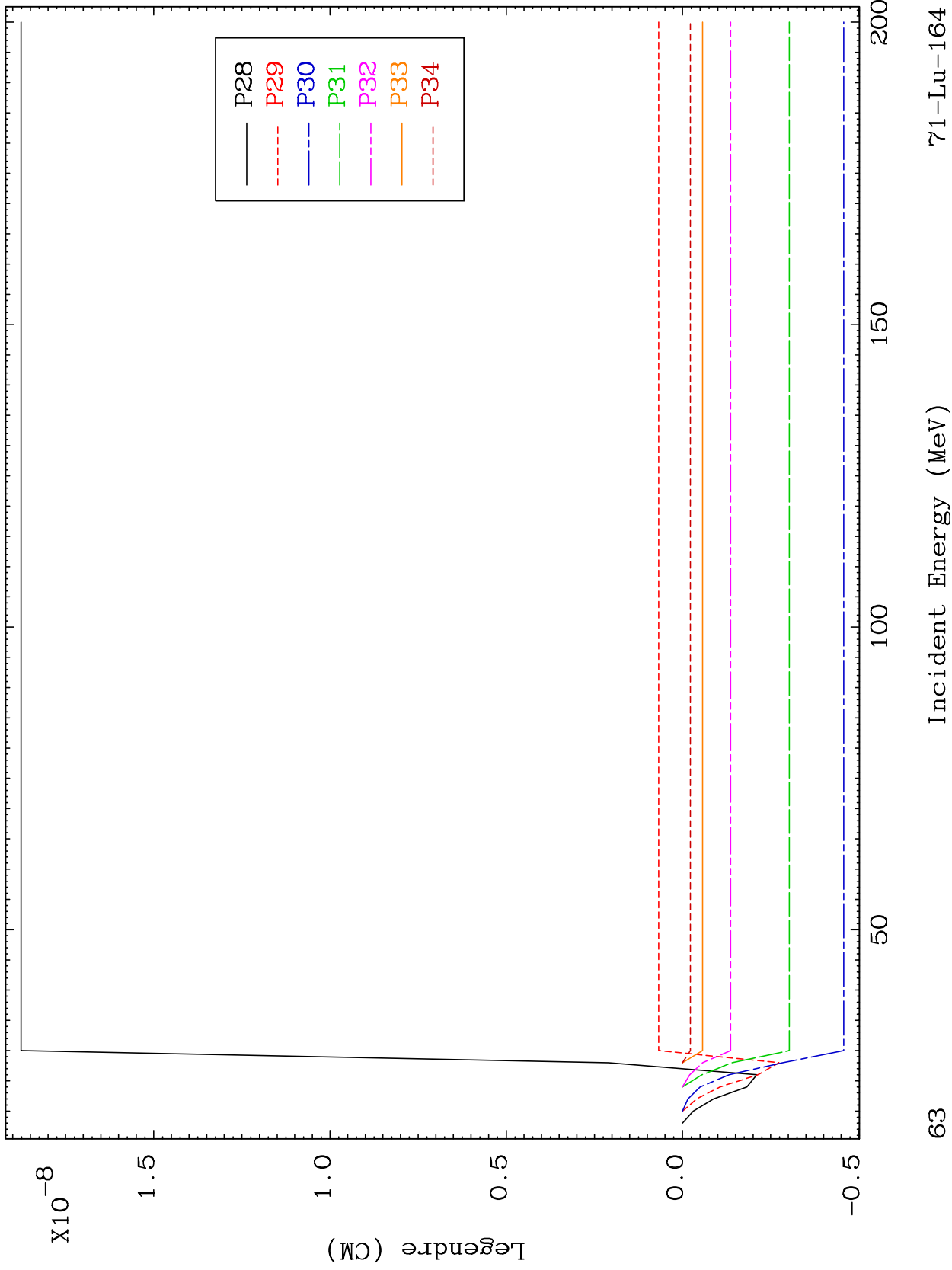
MT= 62 (n,n') Level  
Legendre Coefficients

71-Lu-164

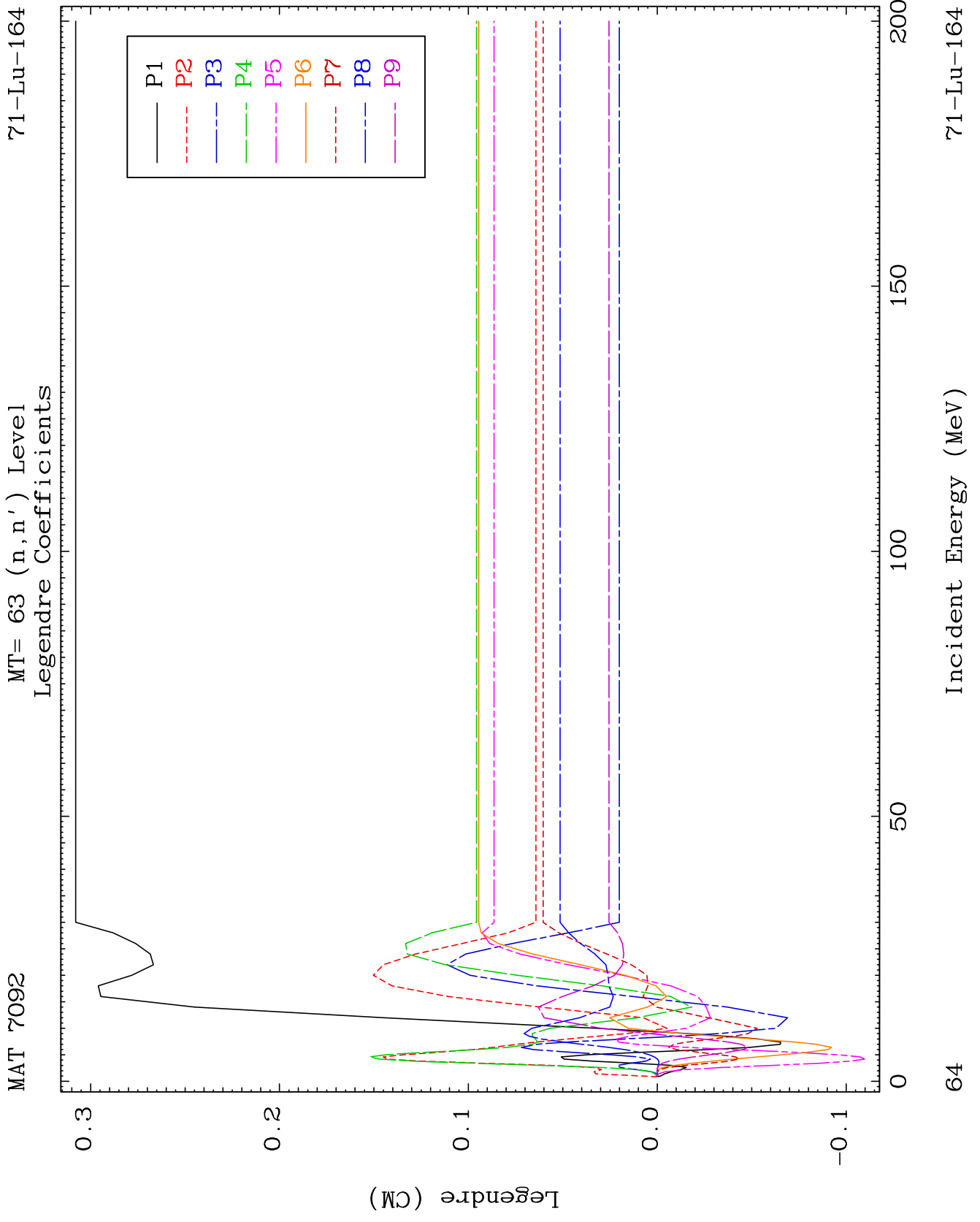


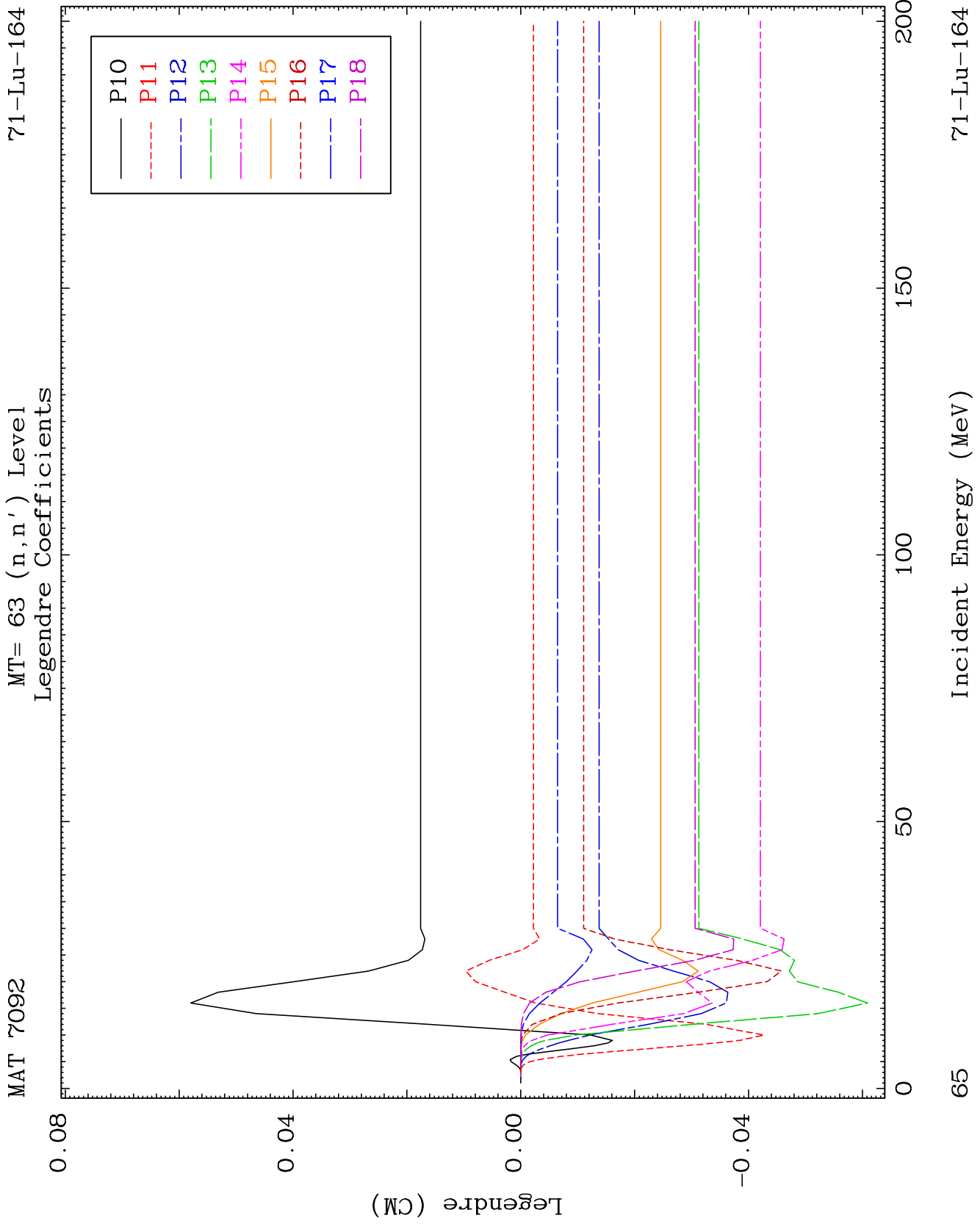
62

71-Lu-164





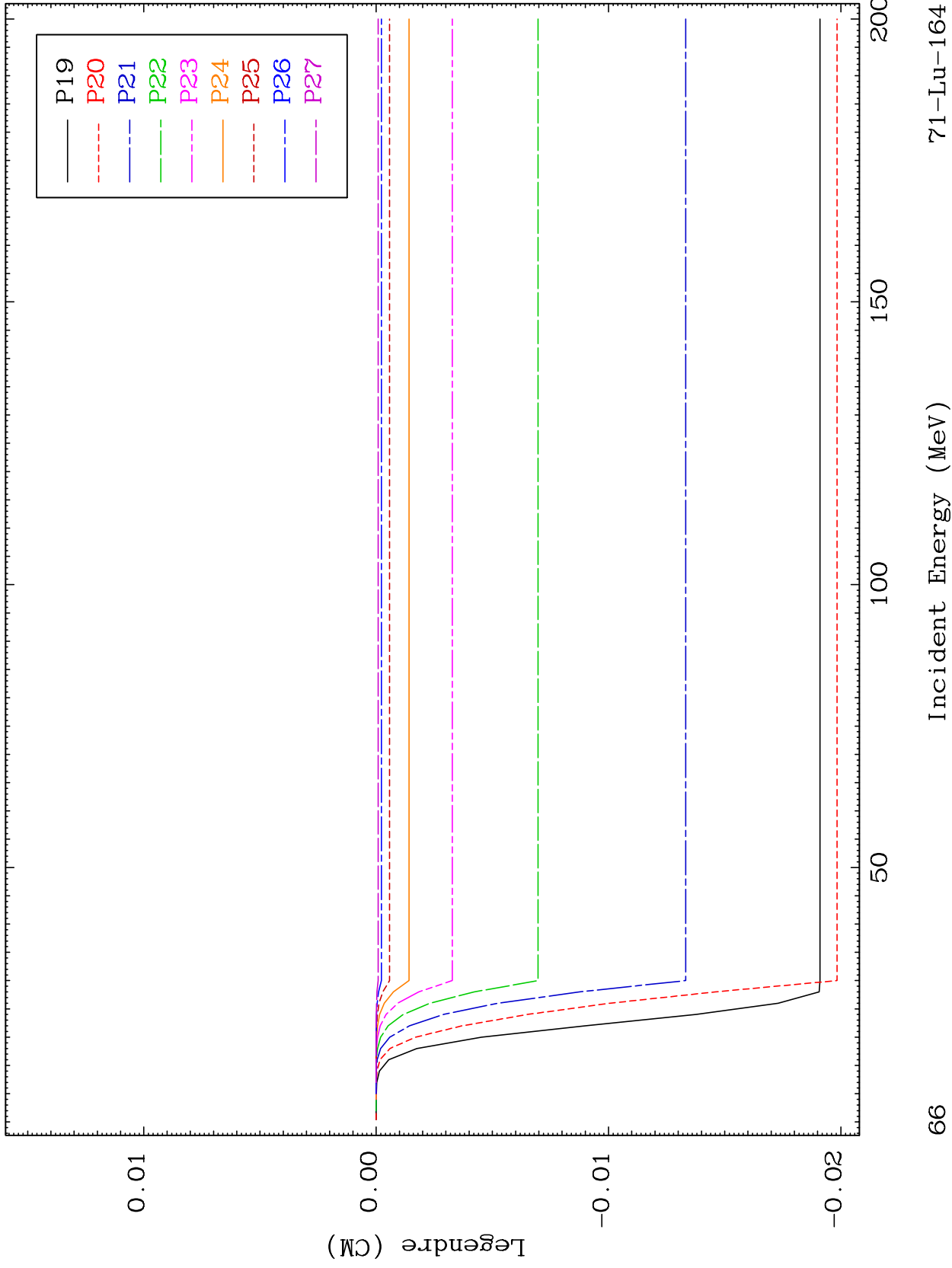




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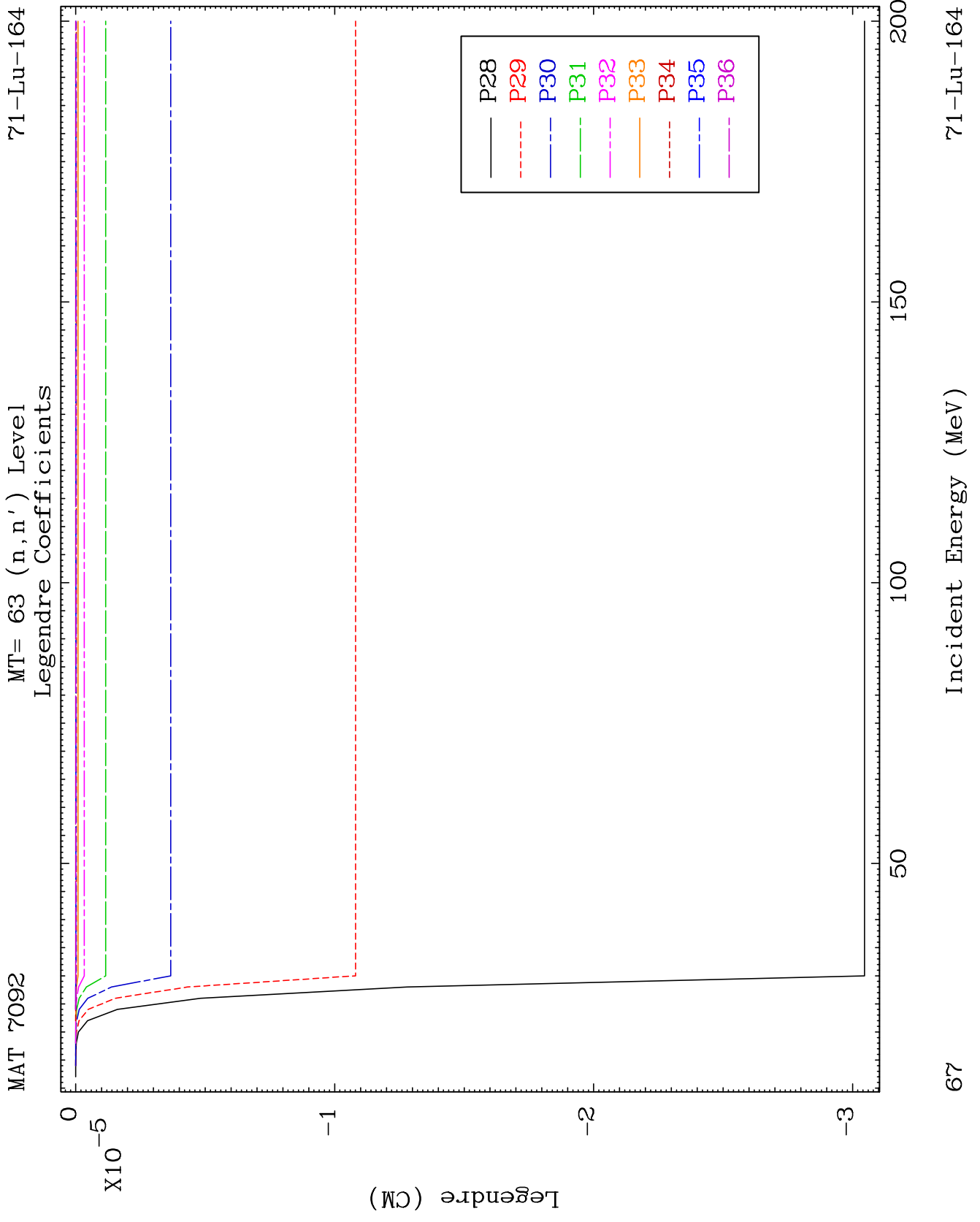
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Legendre Coefficients

71-Lu-164



66

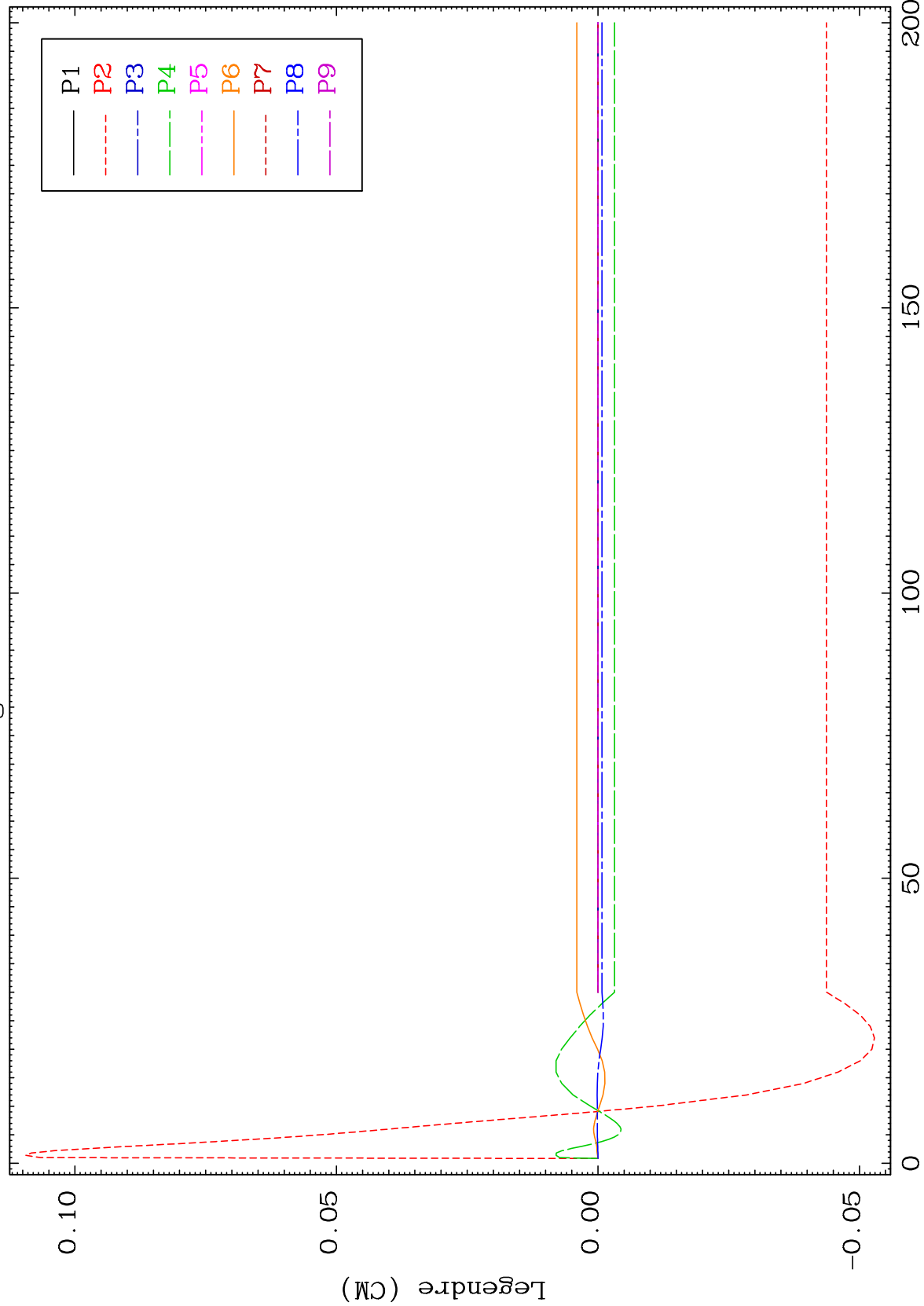
71-Lu-164



MAT 7092

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

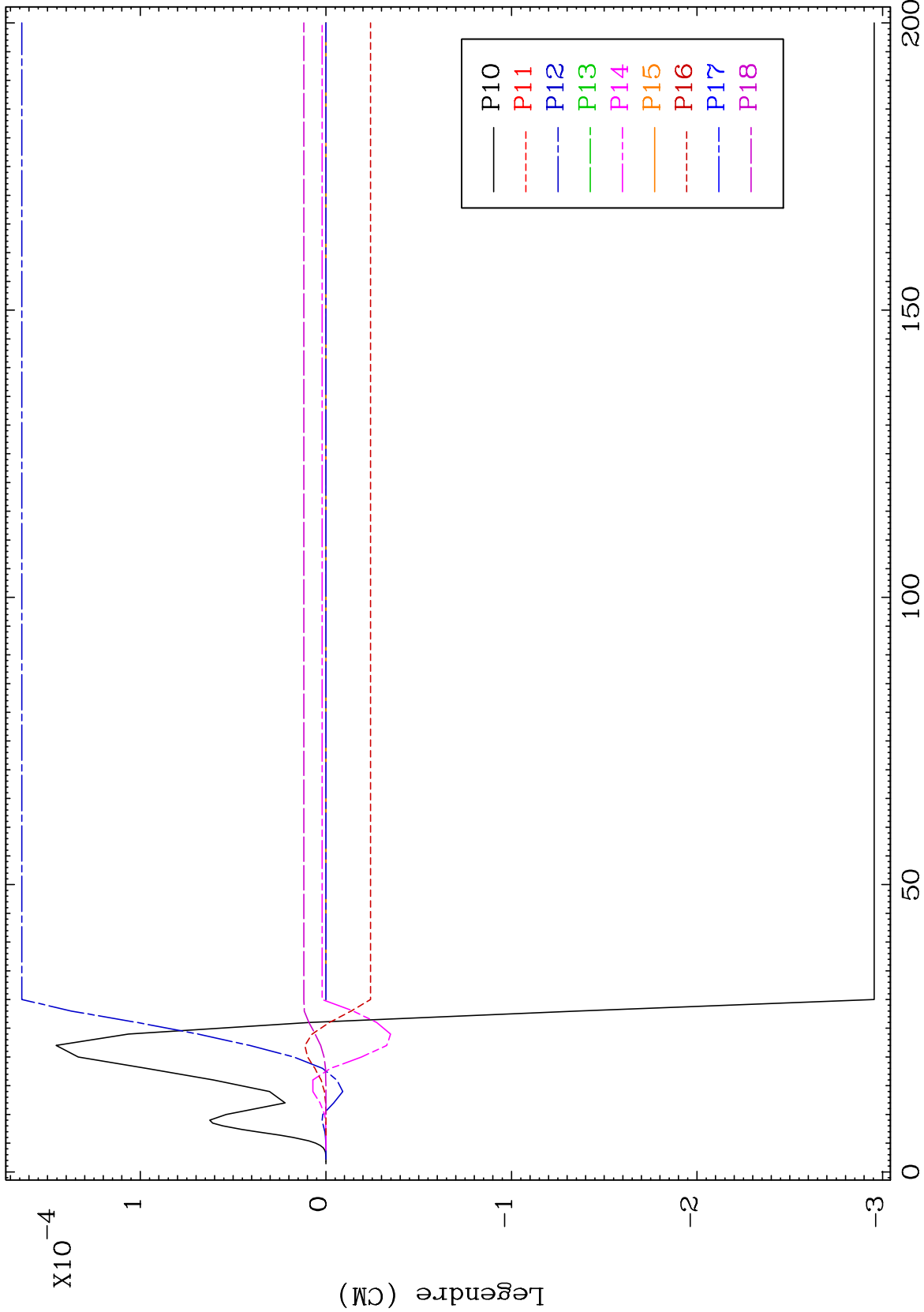
71-Lu-164



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71-Lu-164

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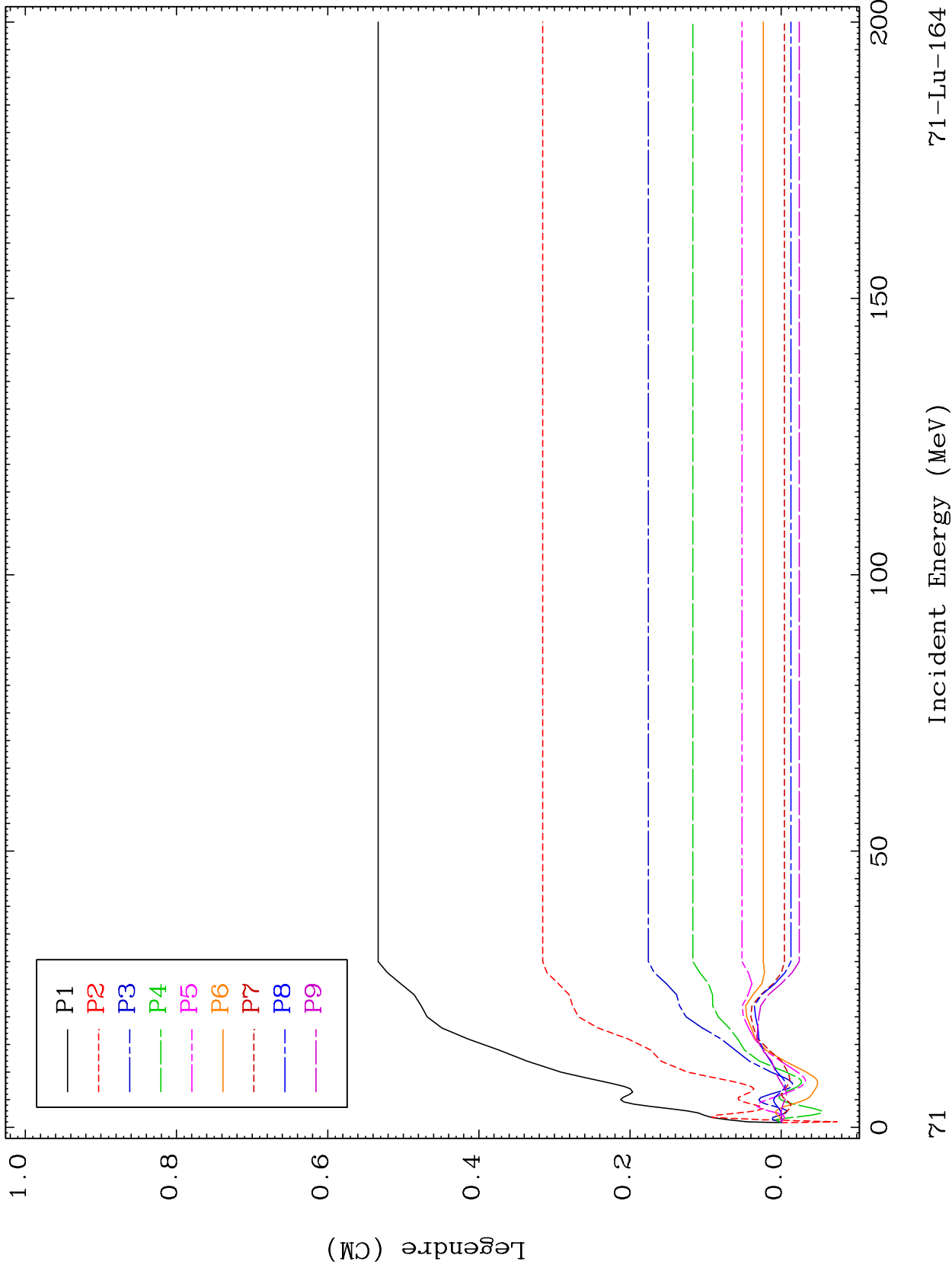




MAT 7092

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

71-Lu-164

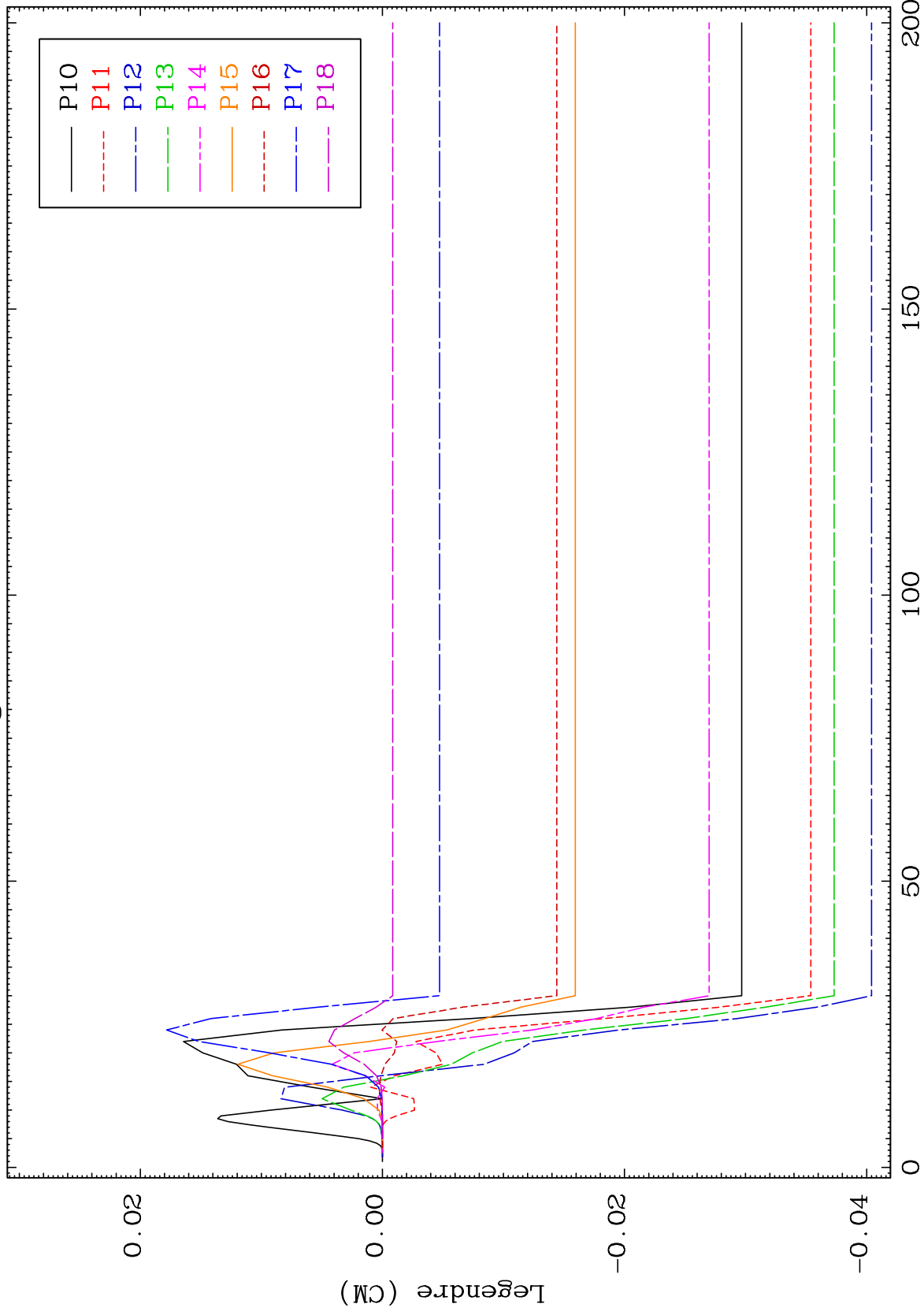




MAT 7092

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

71-Lu-164



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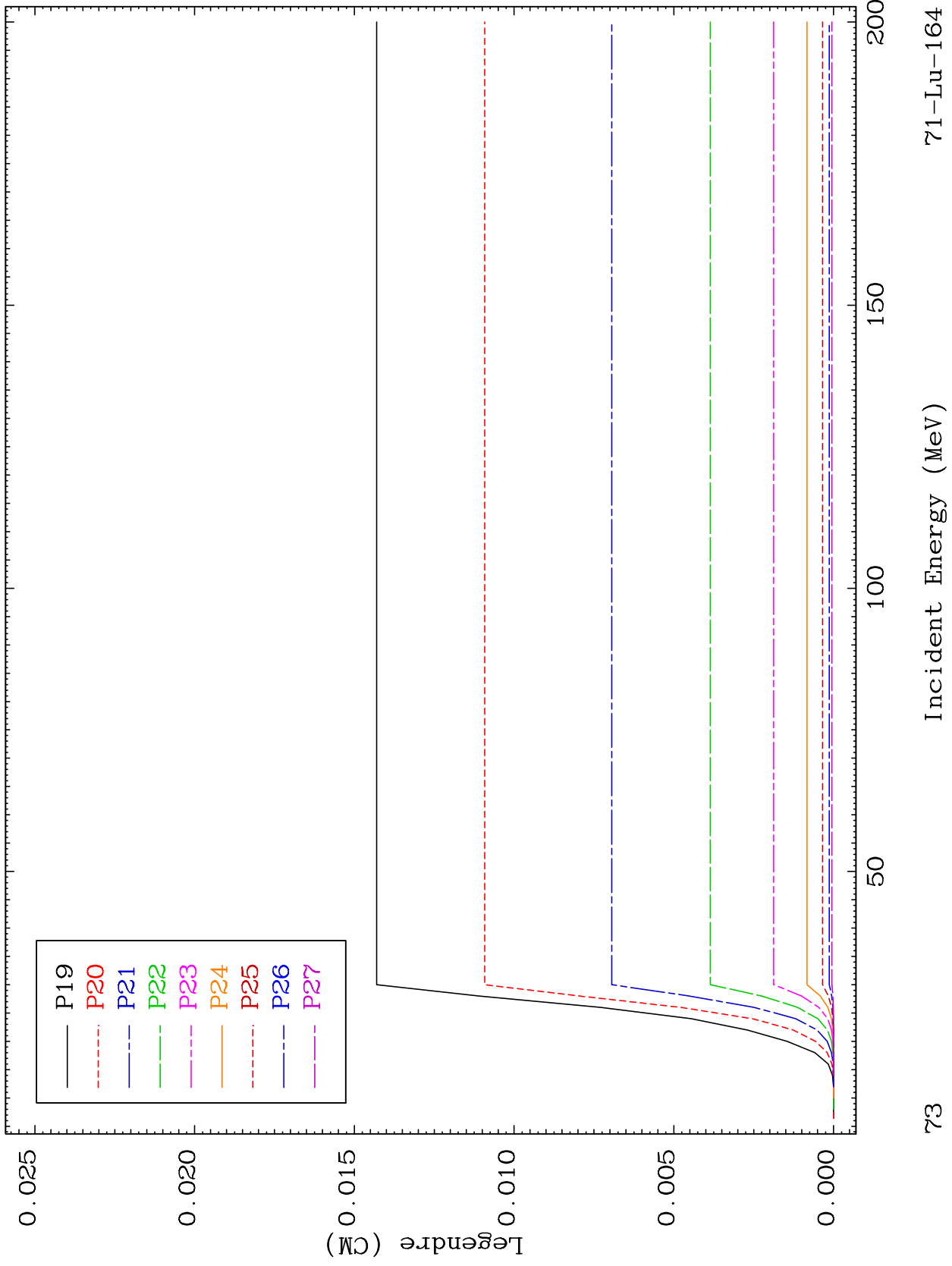
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



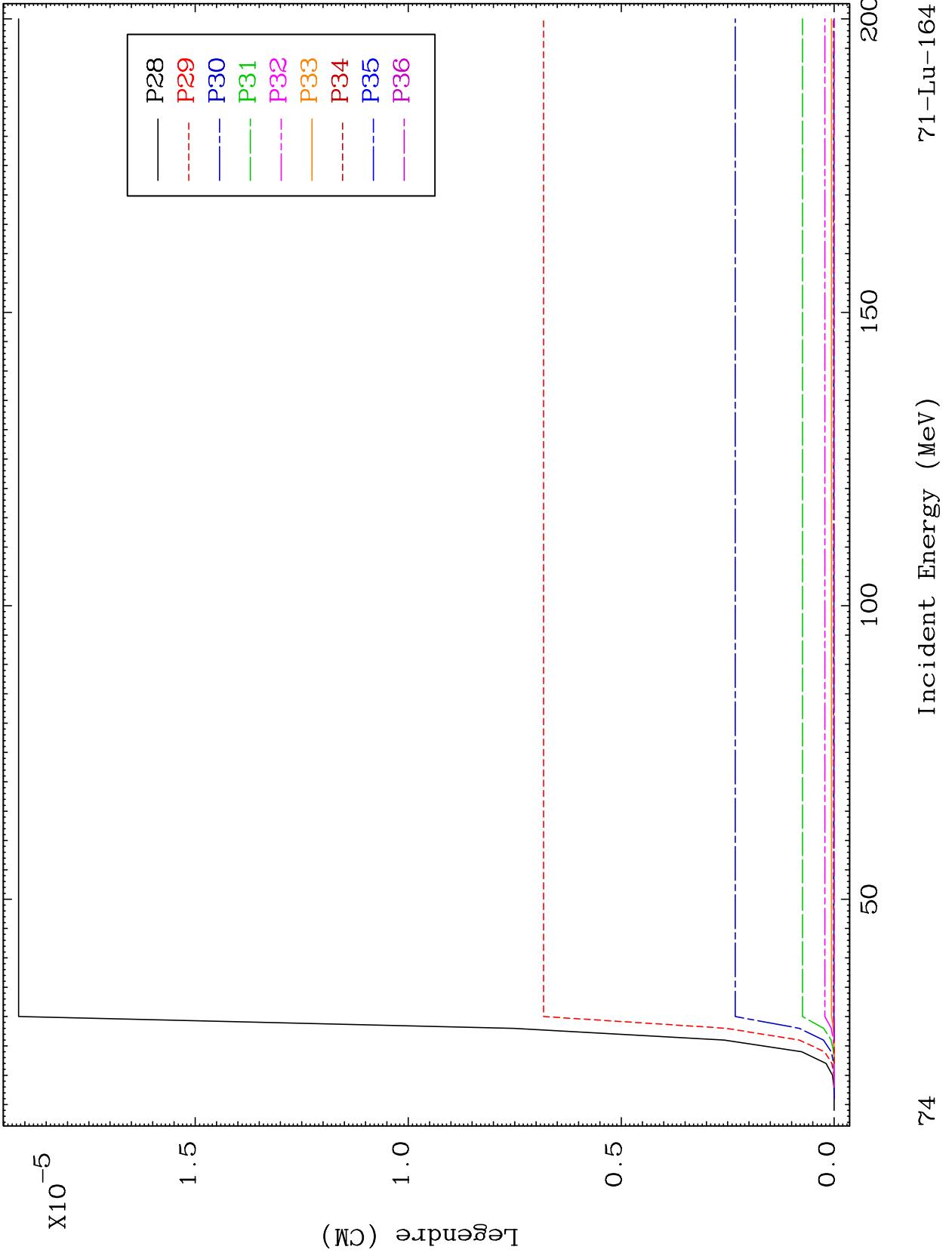
73

71-Lu-164

MAT 7092

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

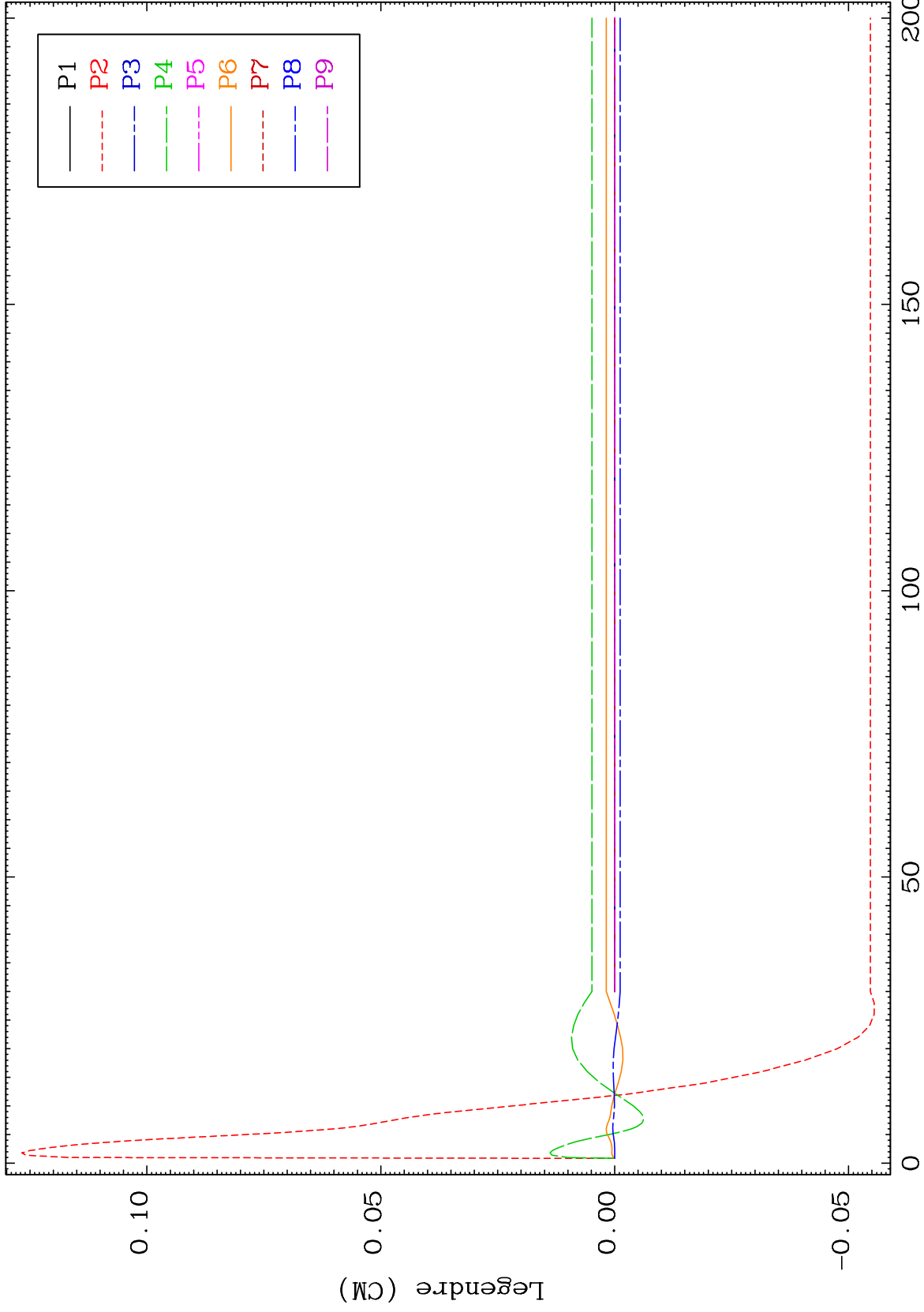
71-Lu-164



MAT 7092

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

71-Lu-164



75

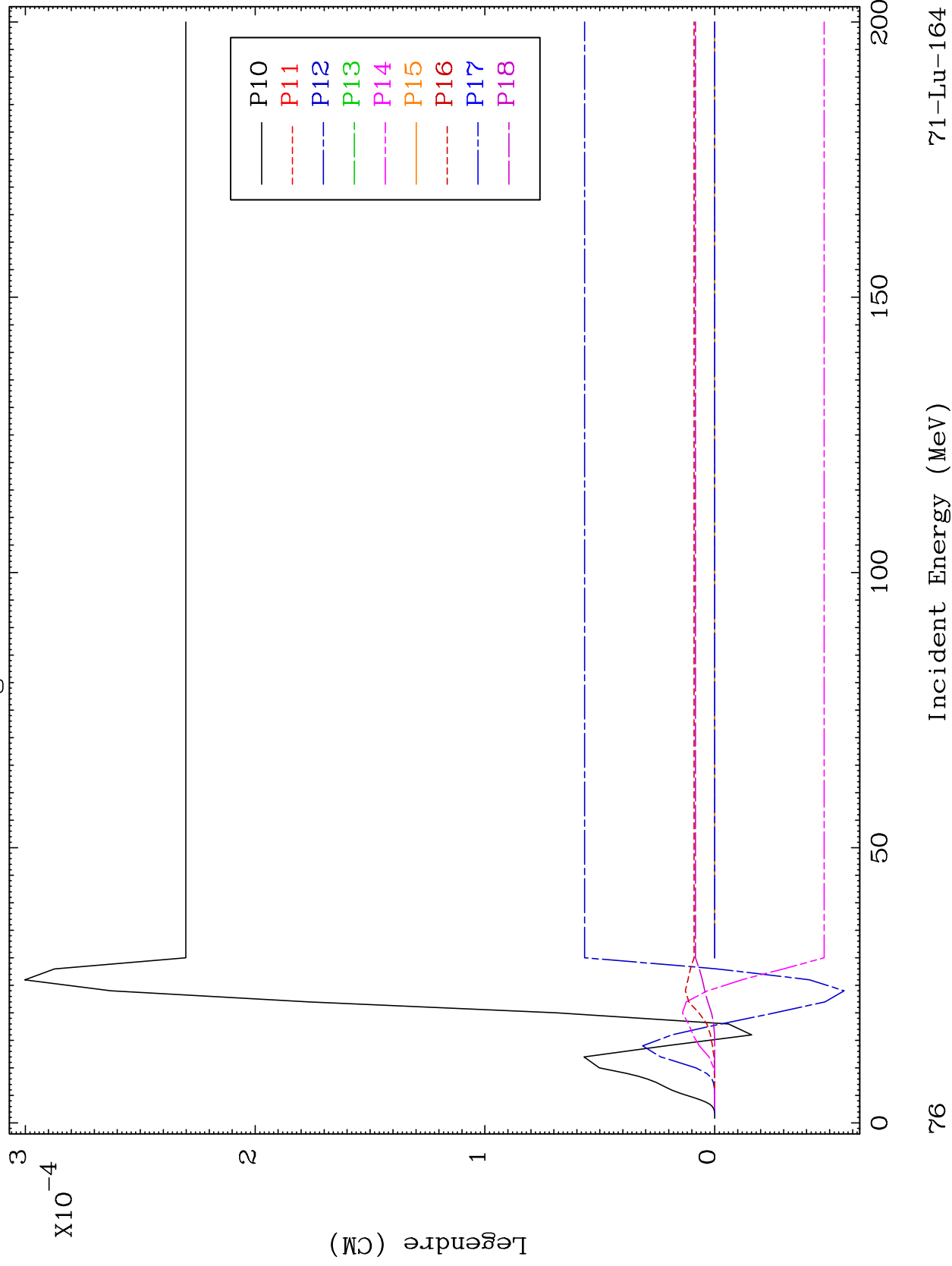
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

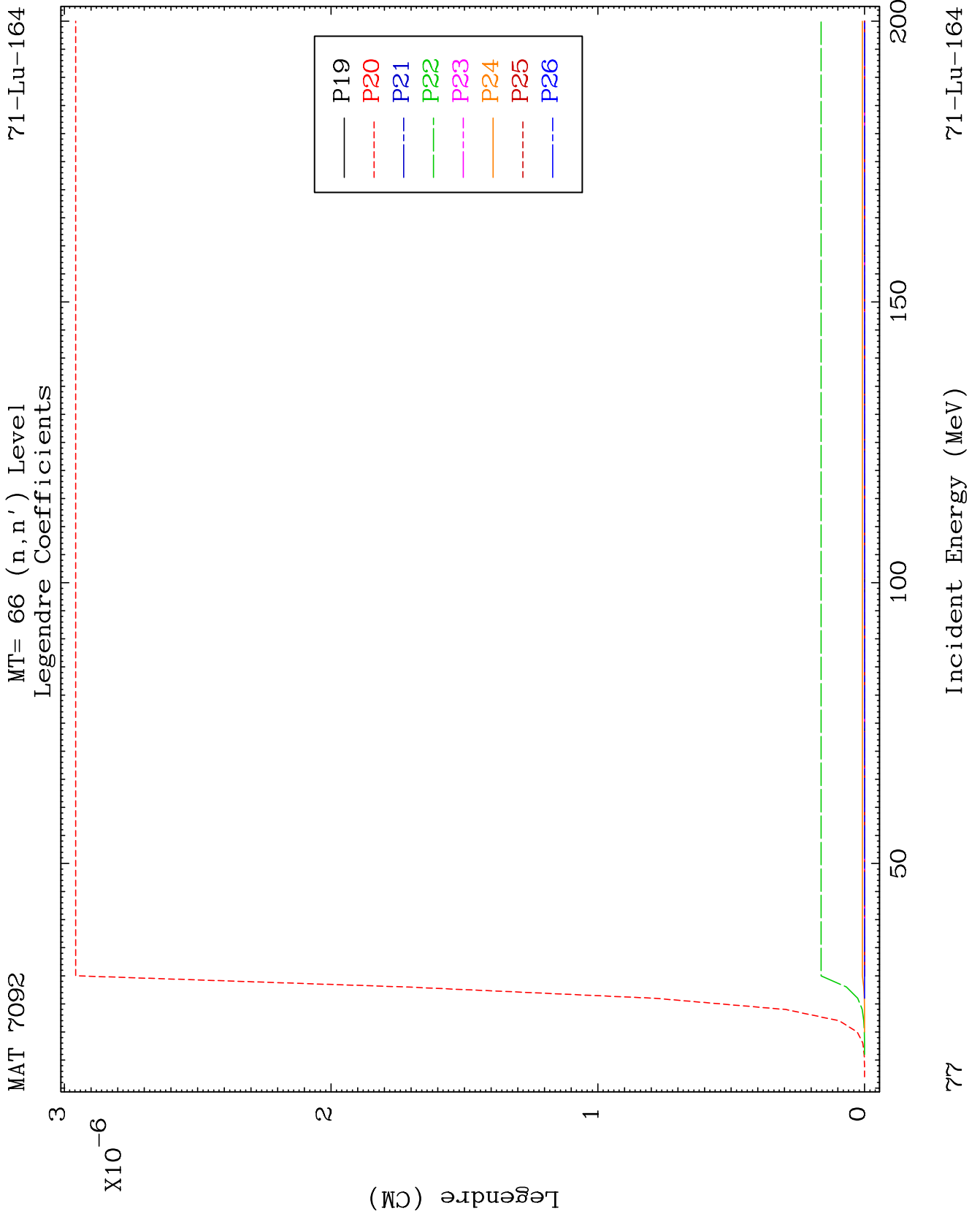
71-Lu-164



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Incident Energy (MeV)

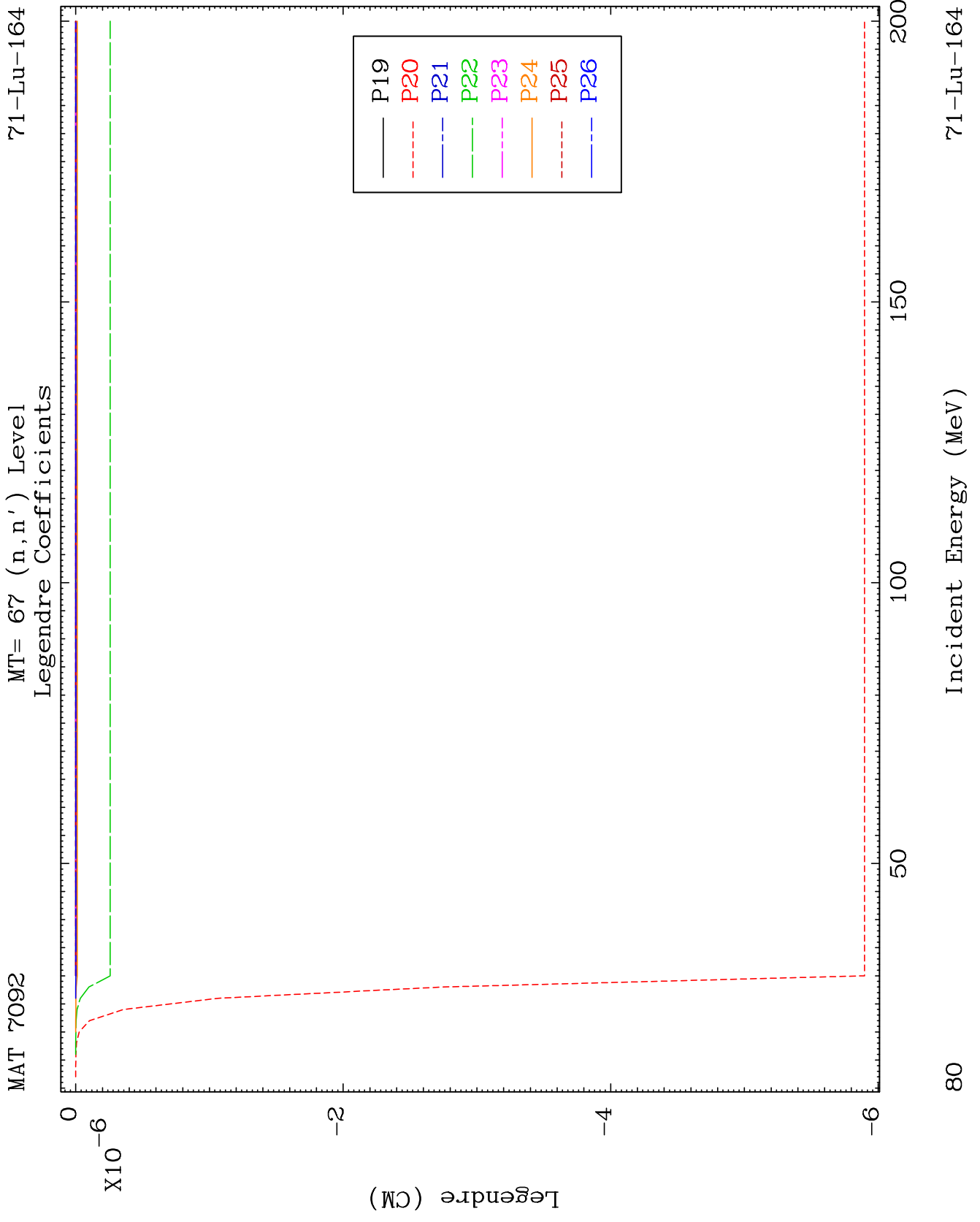
71-Lu-164







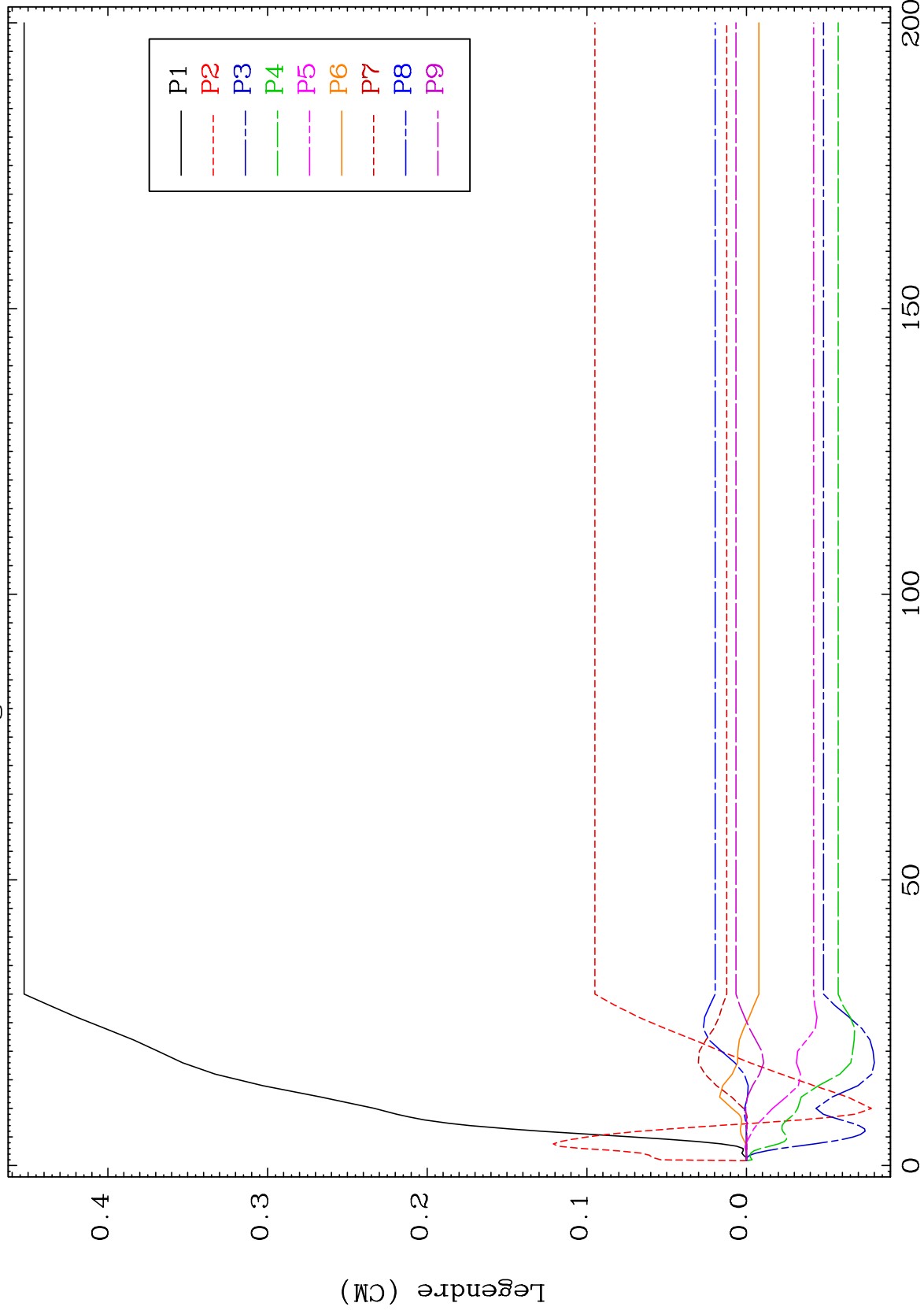




MAT 7092

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

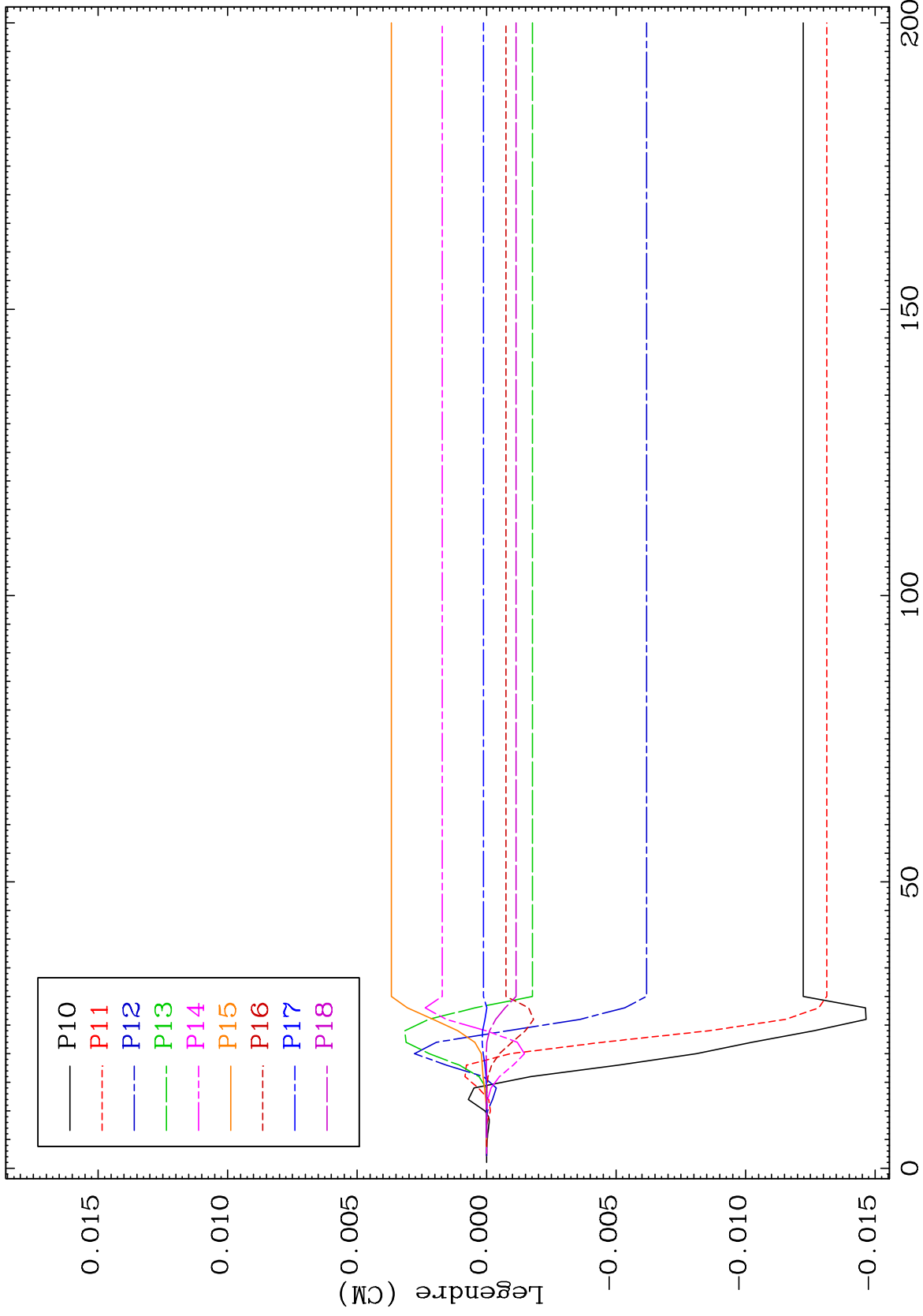
71-Lu-164

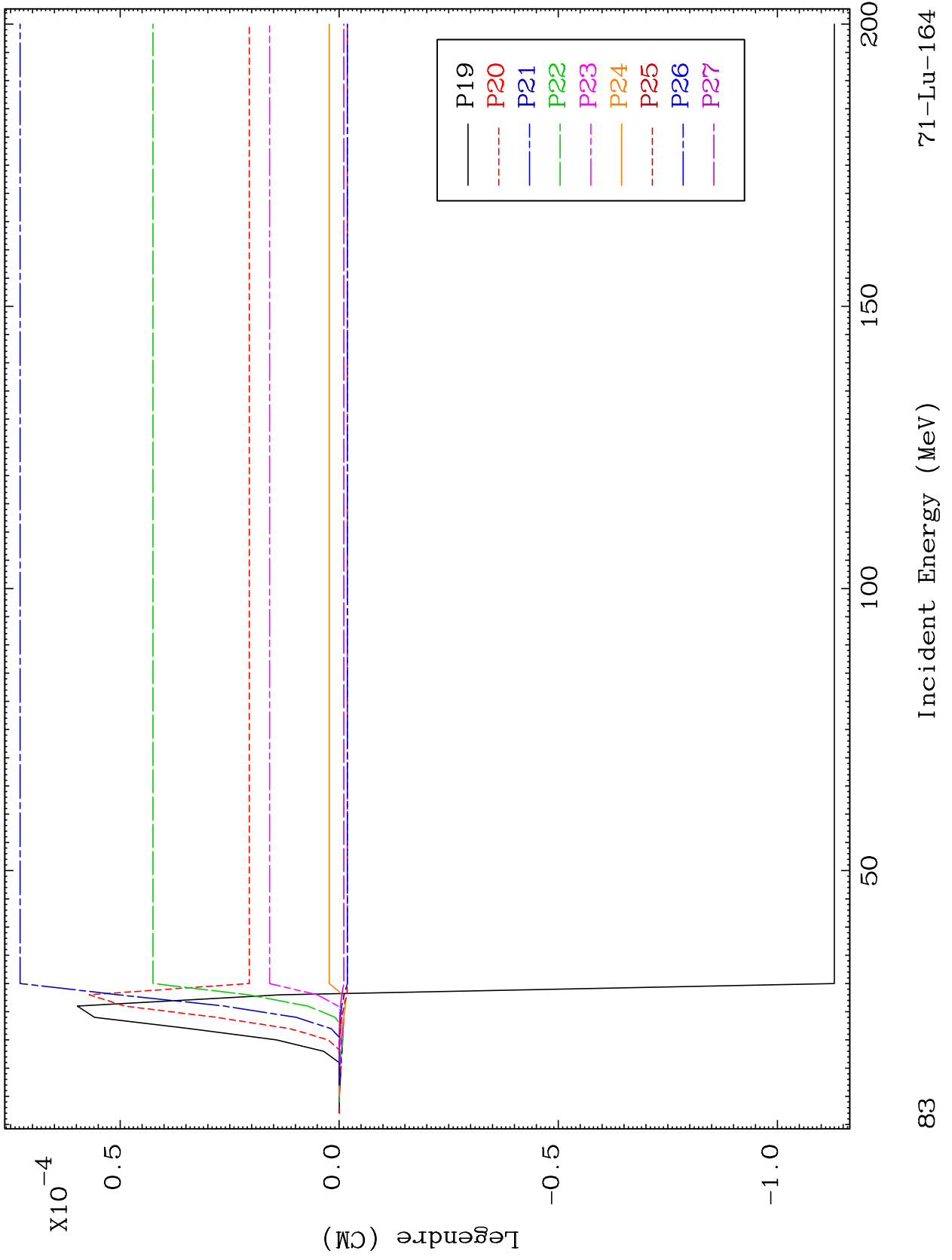


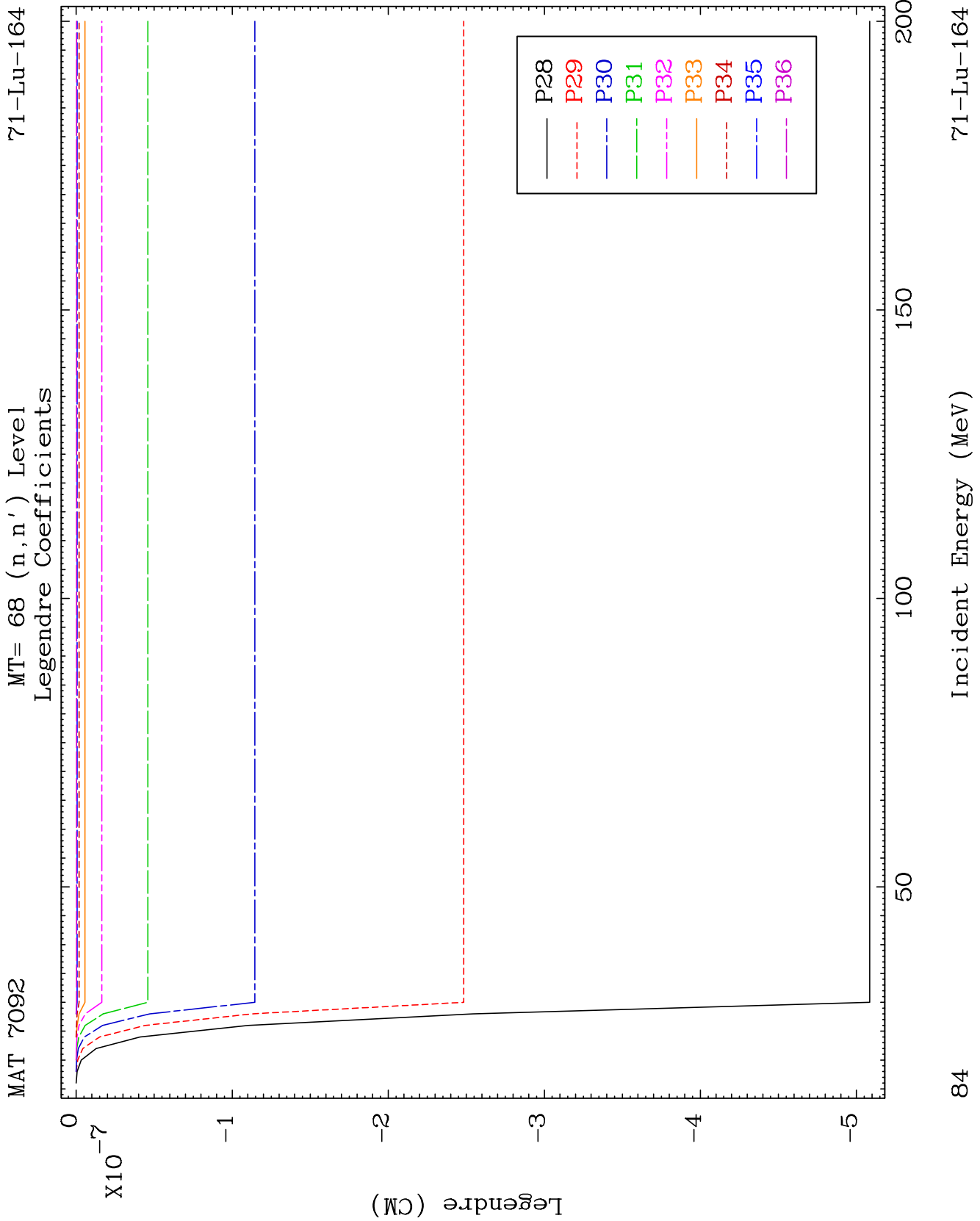
81

Incident Energy (MeV)

71-Lu-164



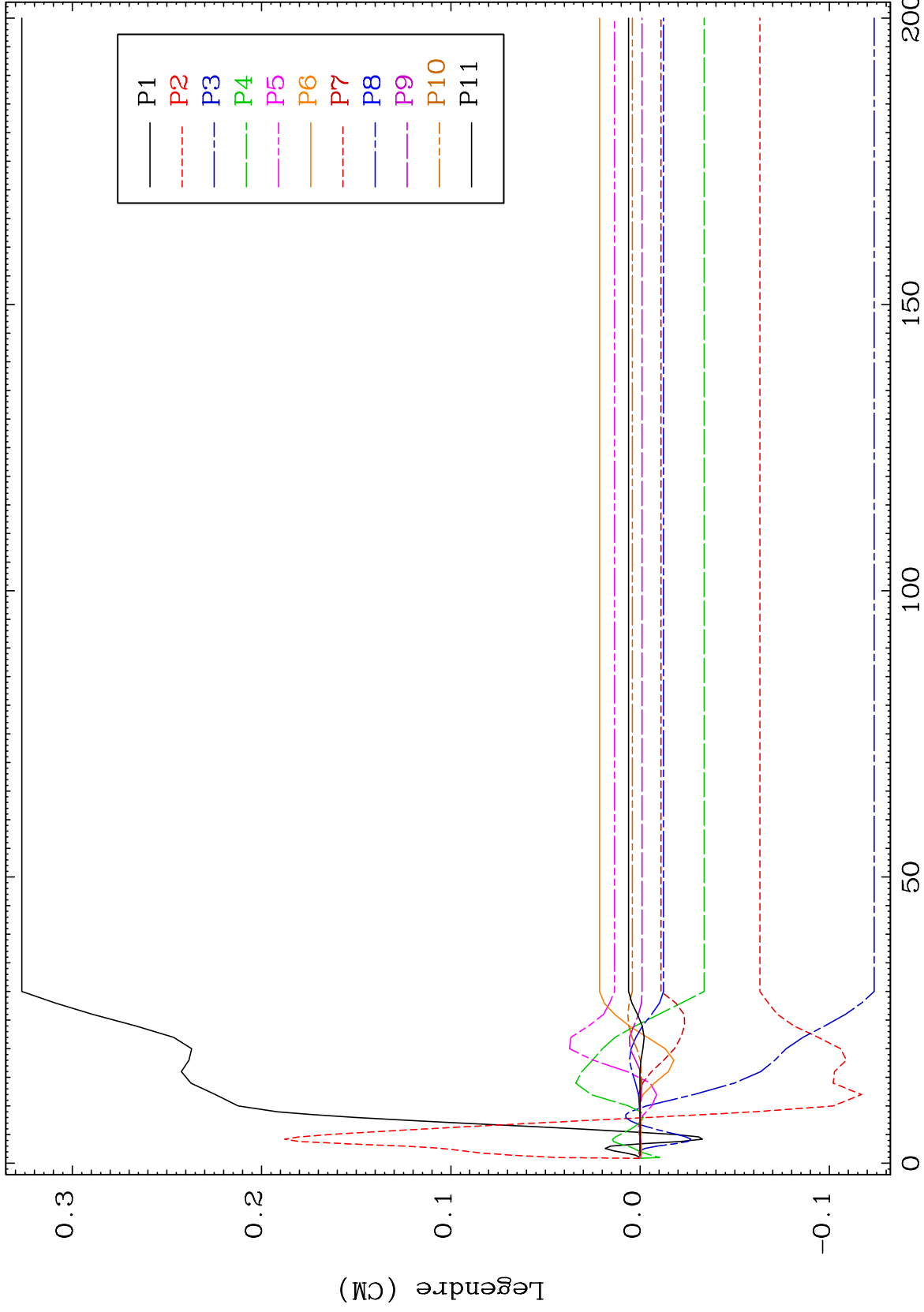




MAT 7092

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

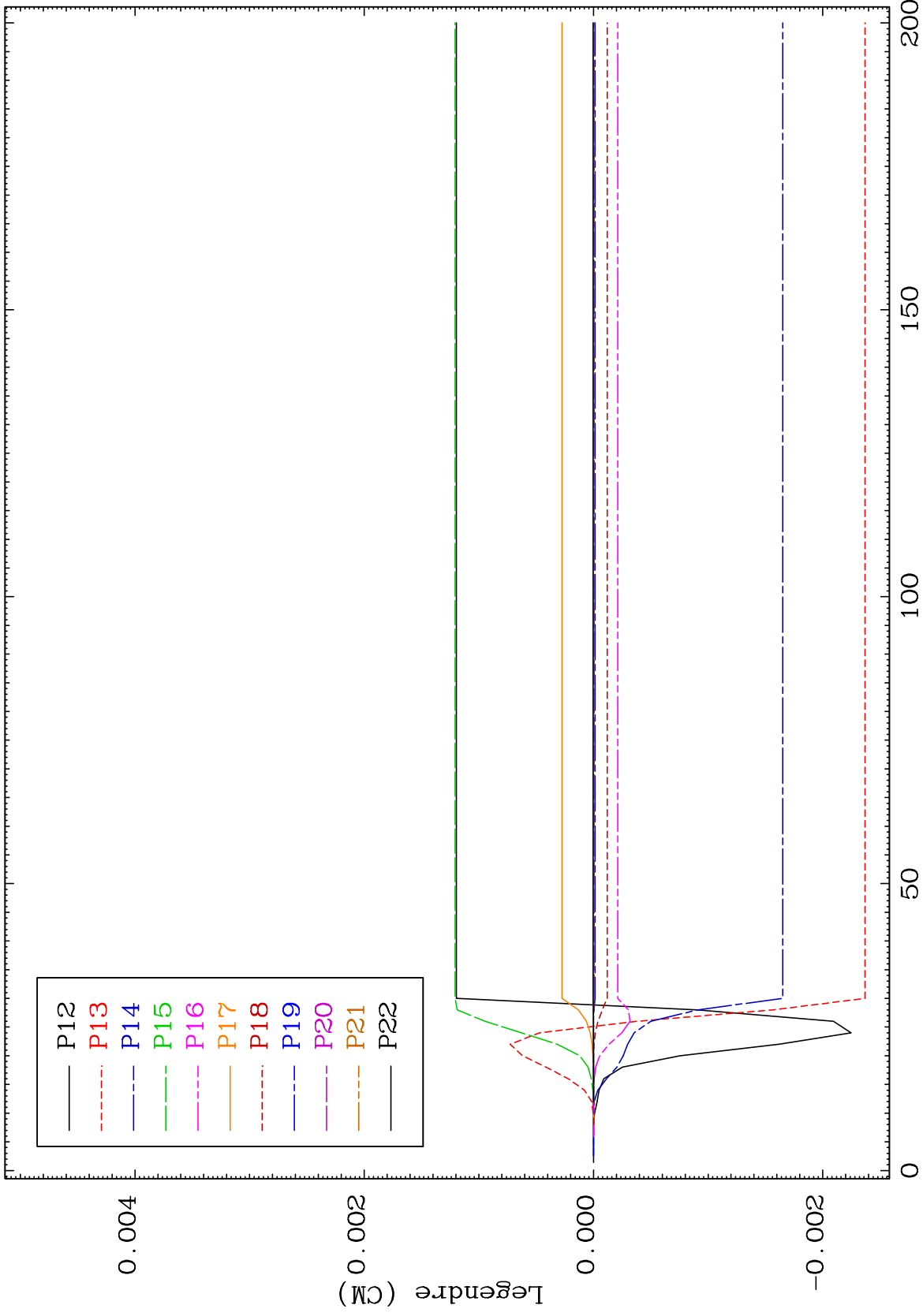
71-Lu-164



71-Lu-164

Incident Energy (MeV)

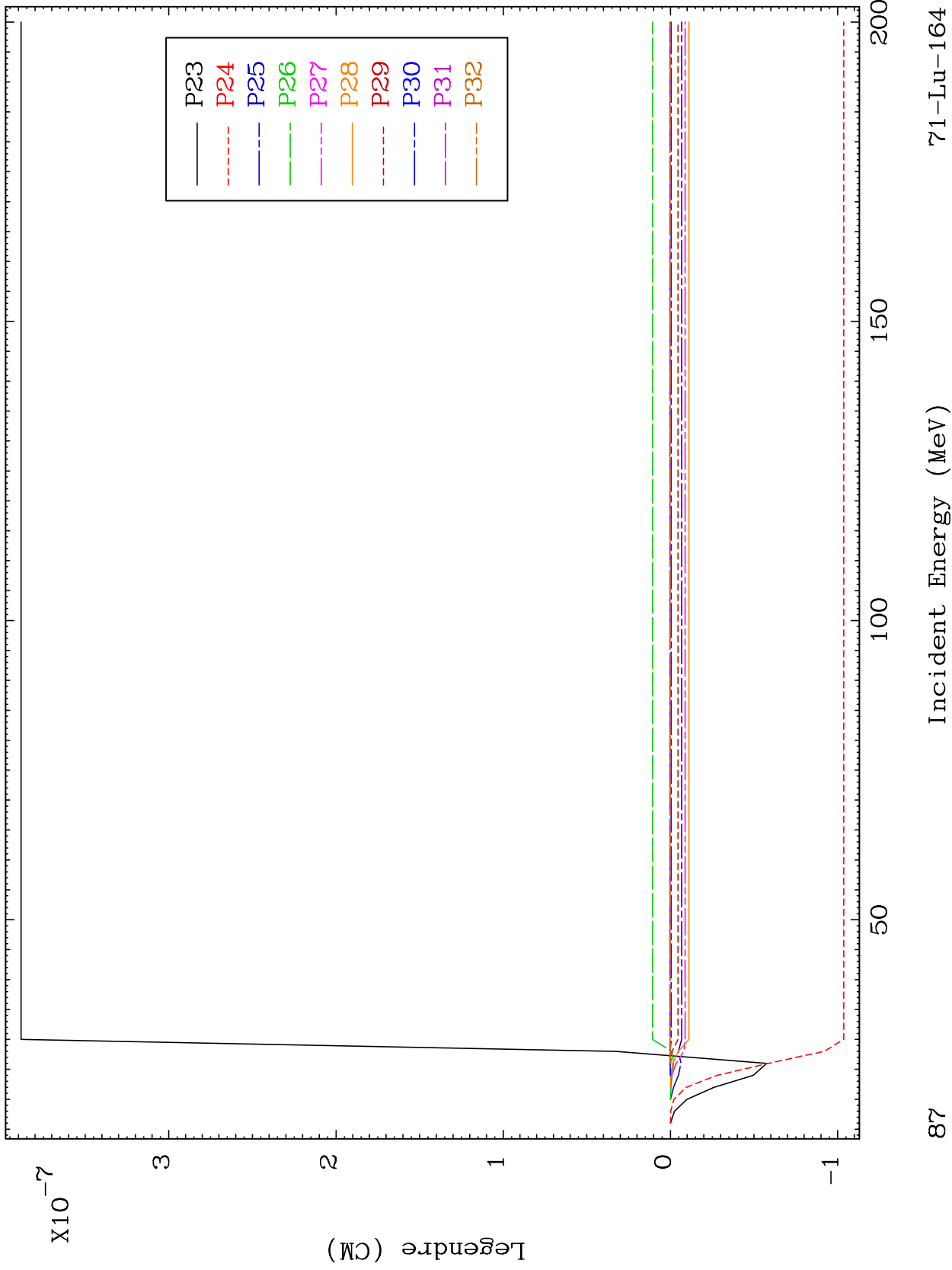
85



MAT 7092

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

71-Lu-164



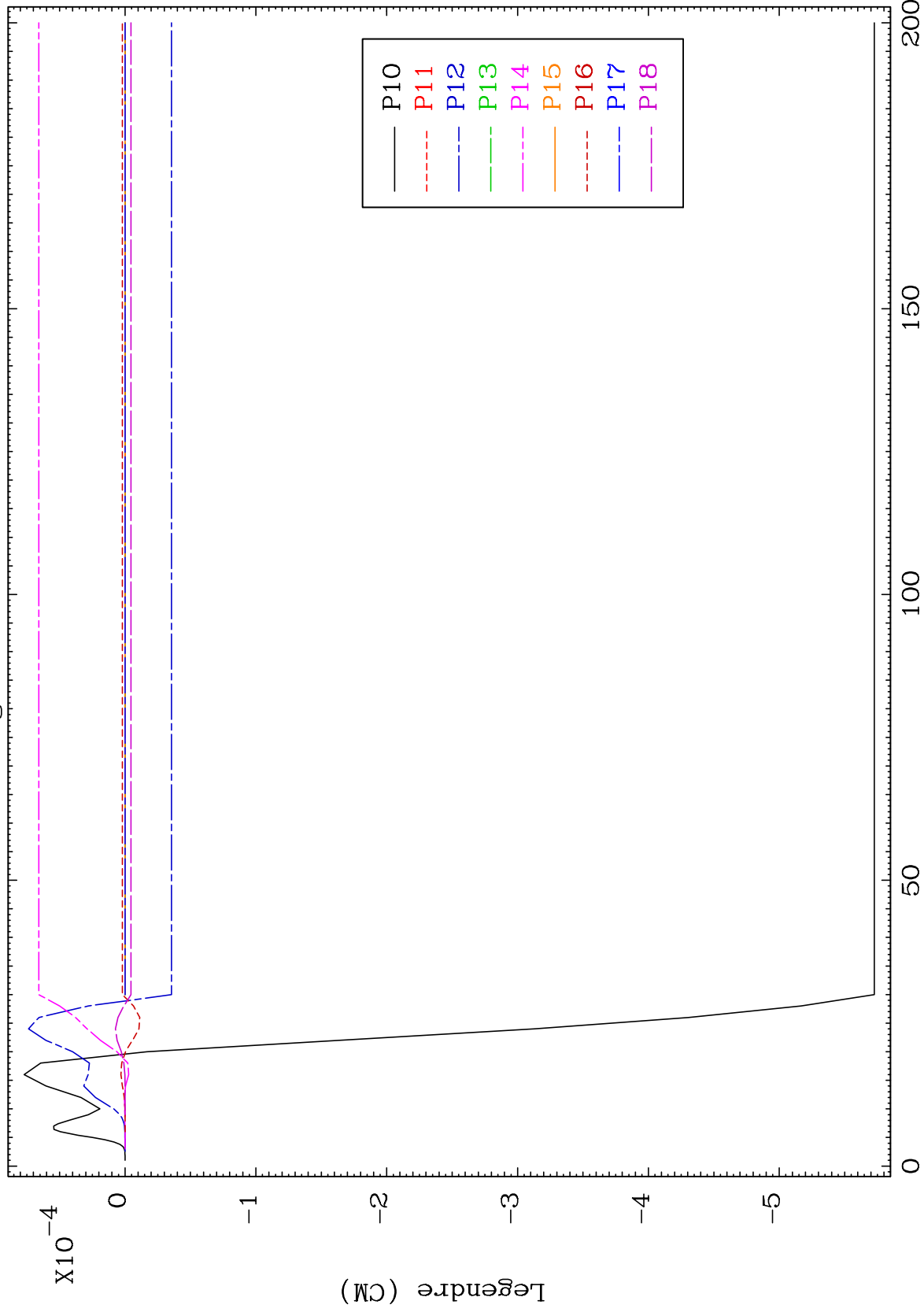




MAT 7092

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

71-Lu-164



89

Incident Energy (MeV)

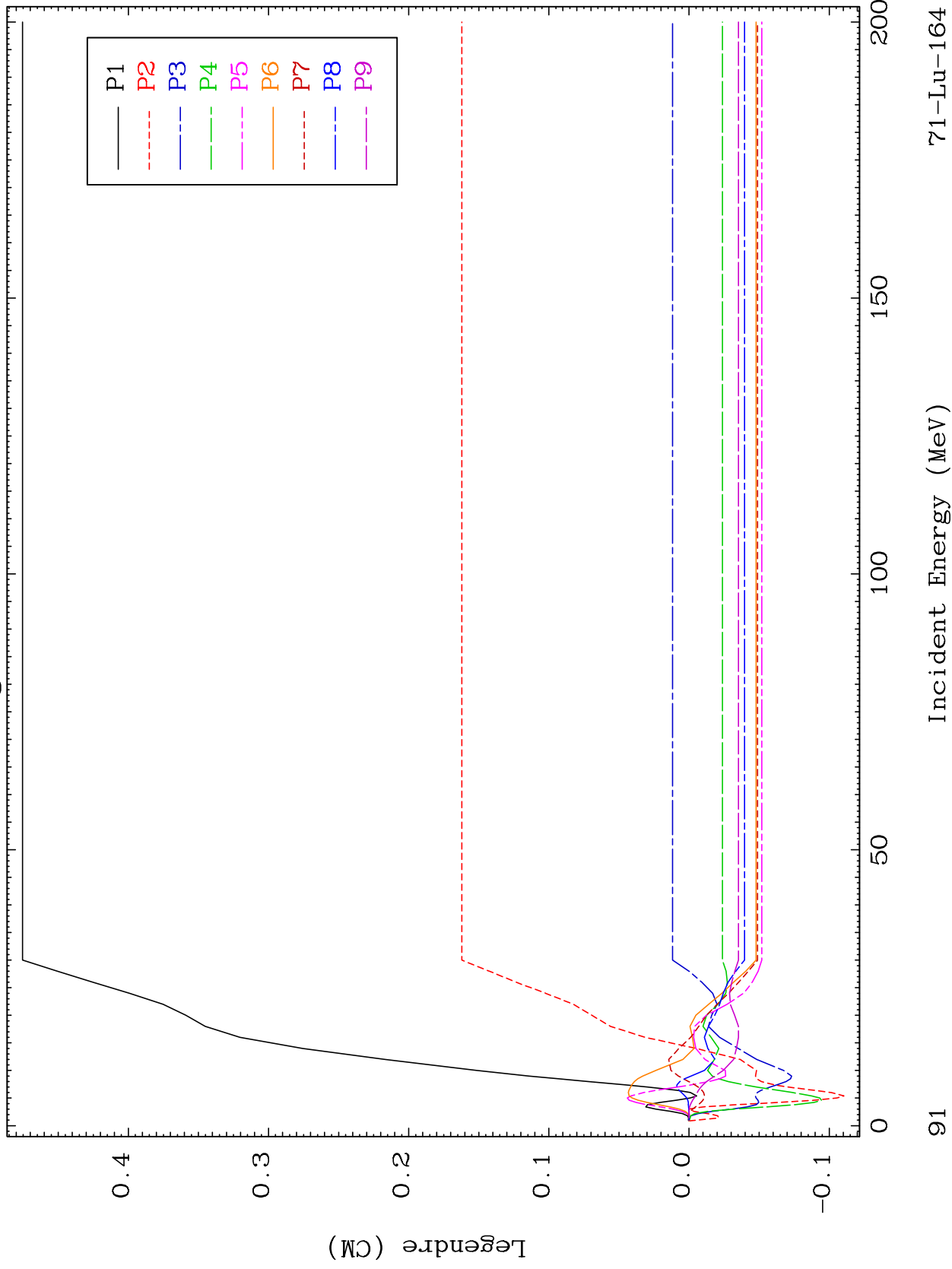
71-Lu-164



MAT 7092

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

71-Lu-164



71-Lu-164

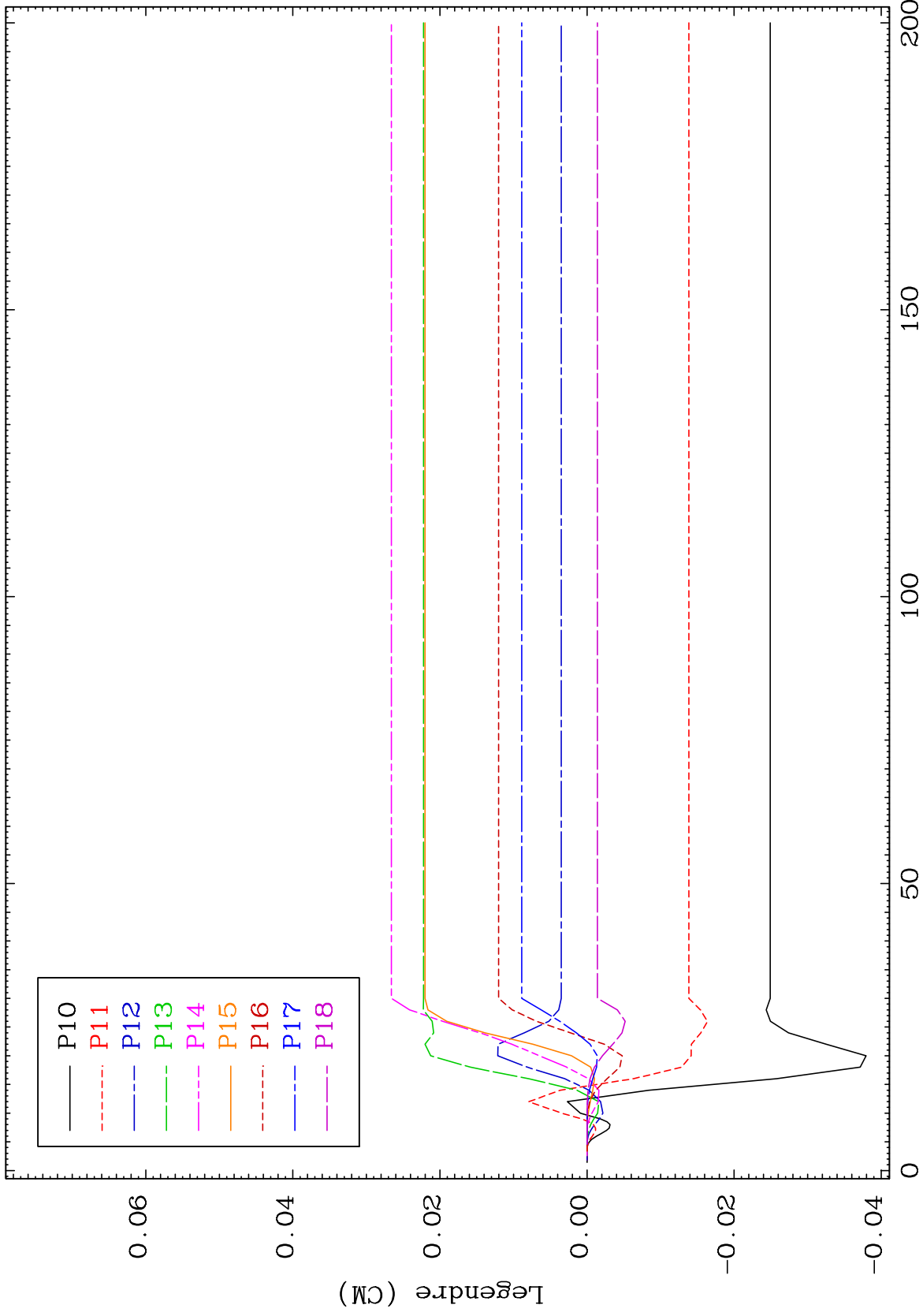
Incident Energy (MeV)

91

MAT 7092

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

71-Lu-164



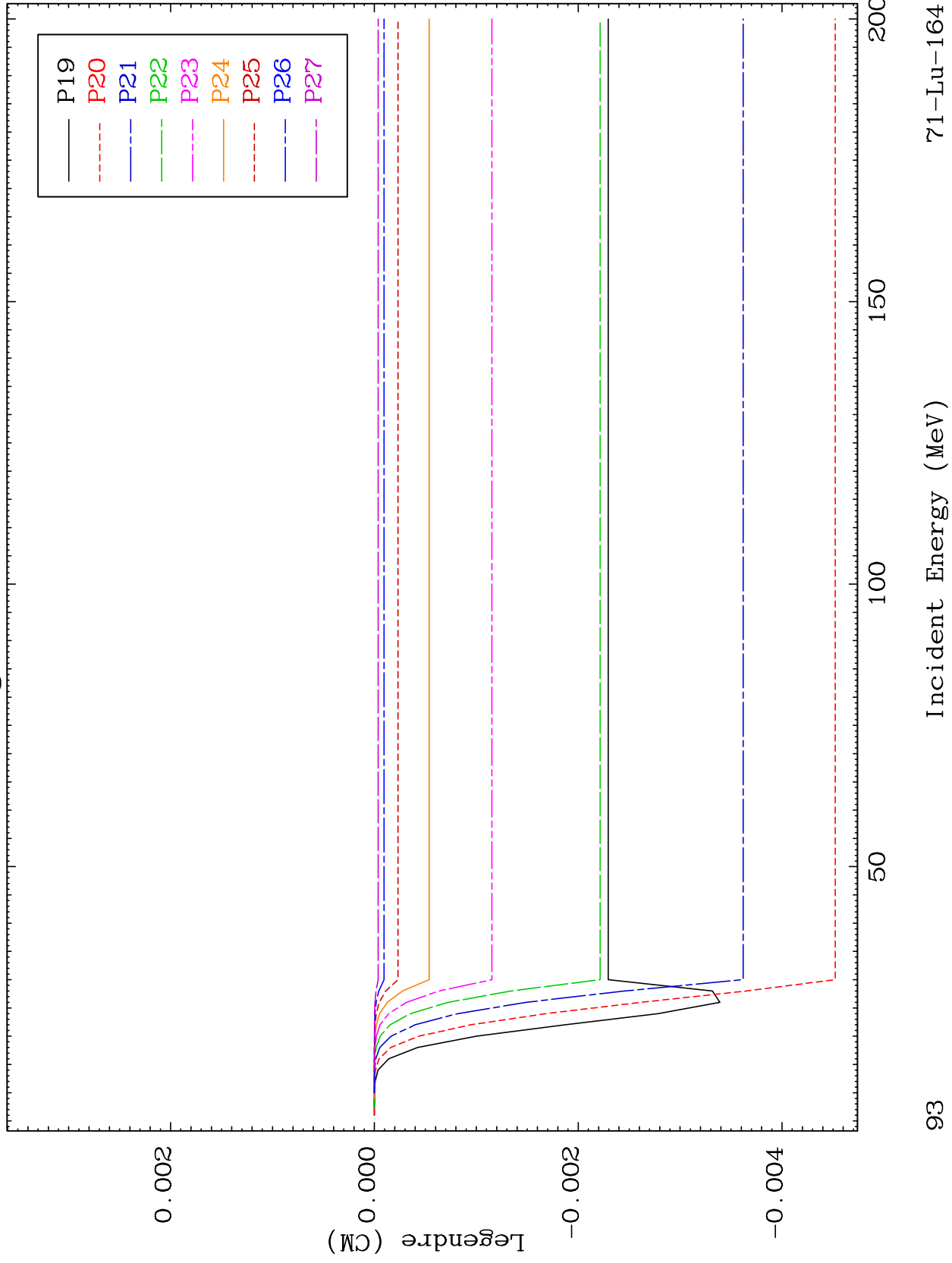
92

71-Lu-164

MAT 7092

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

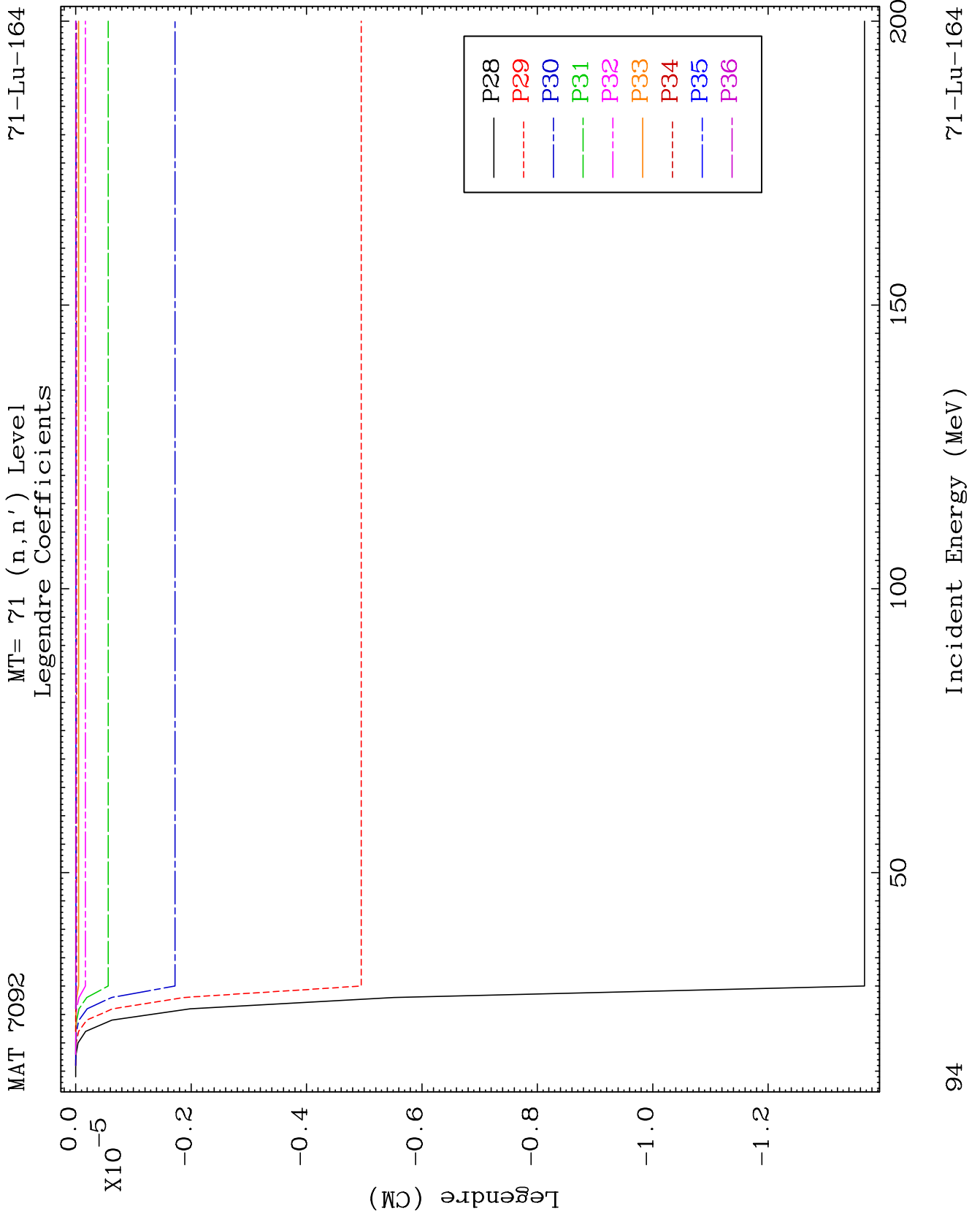
71-Lu-164

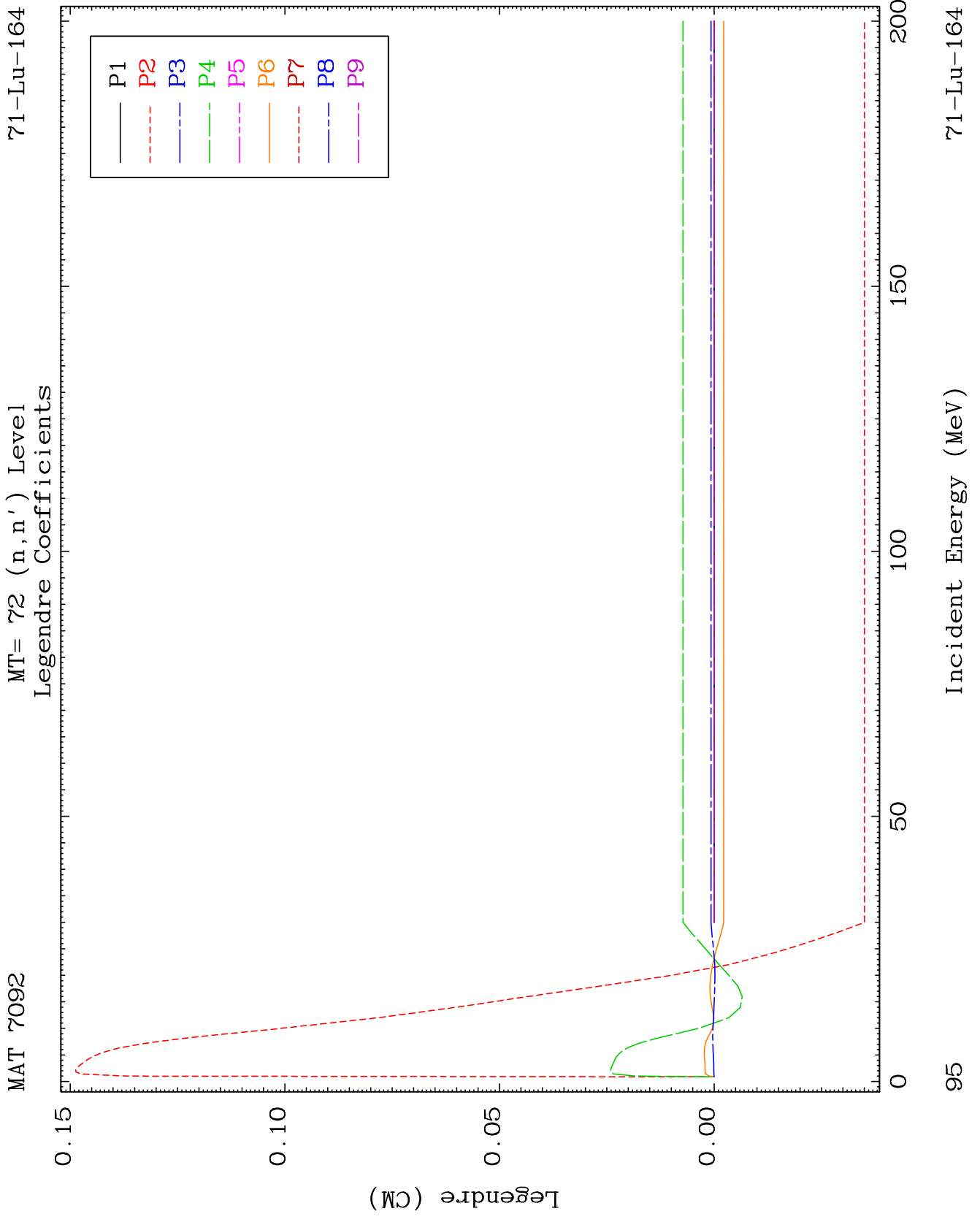


93

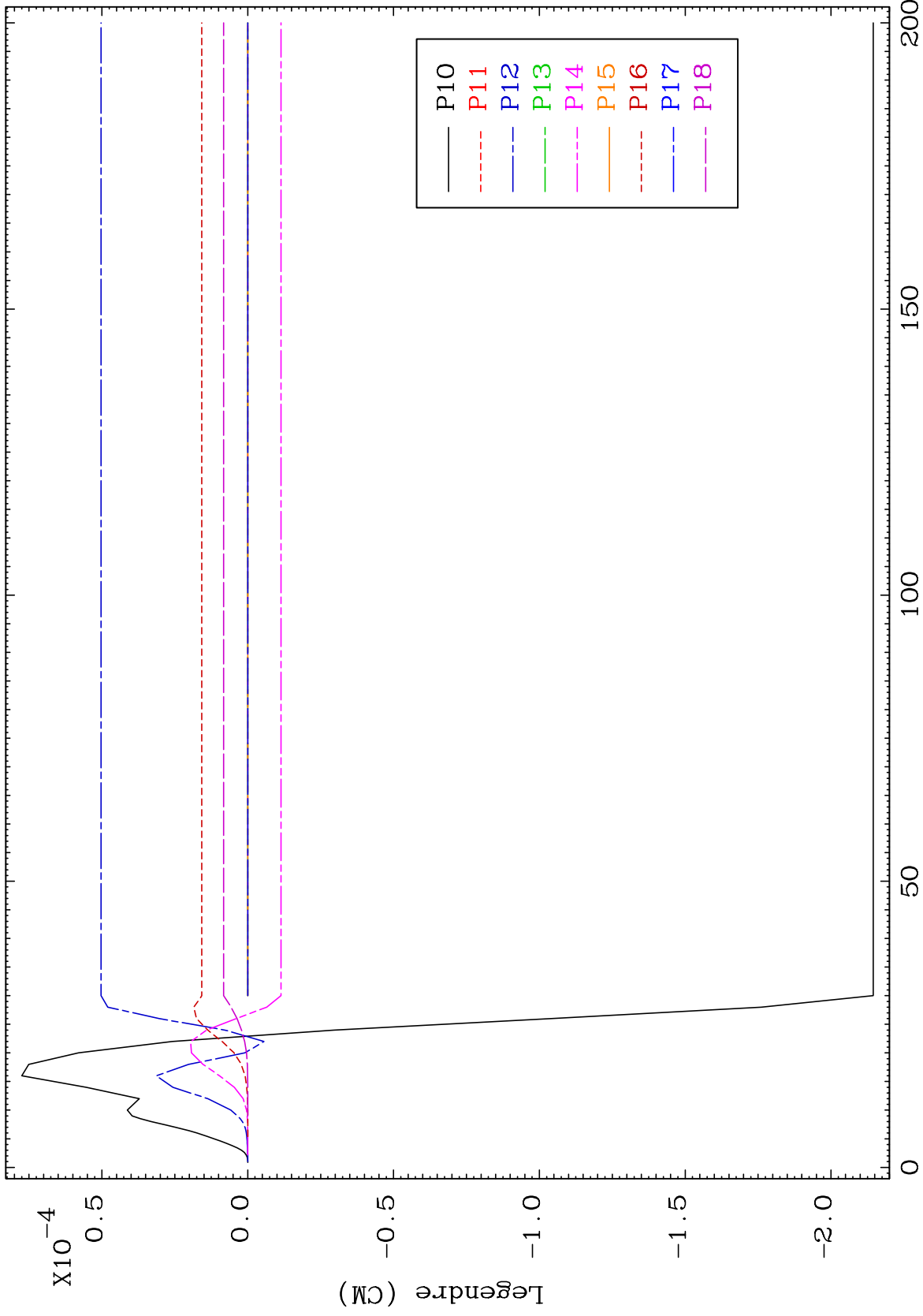
Incident Energy (MeV)

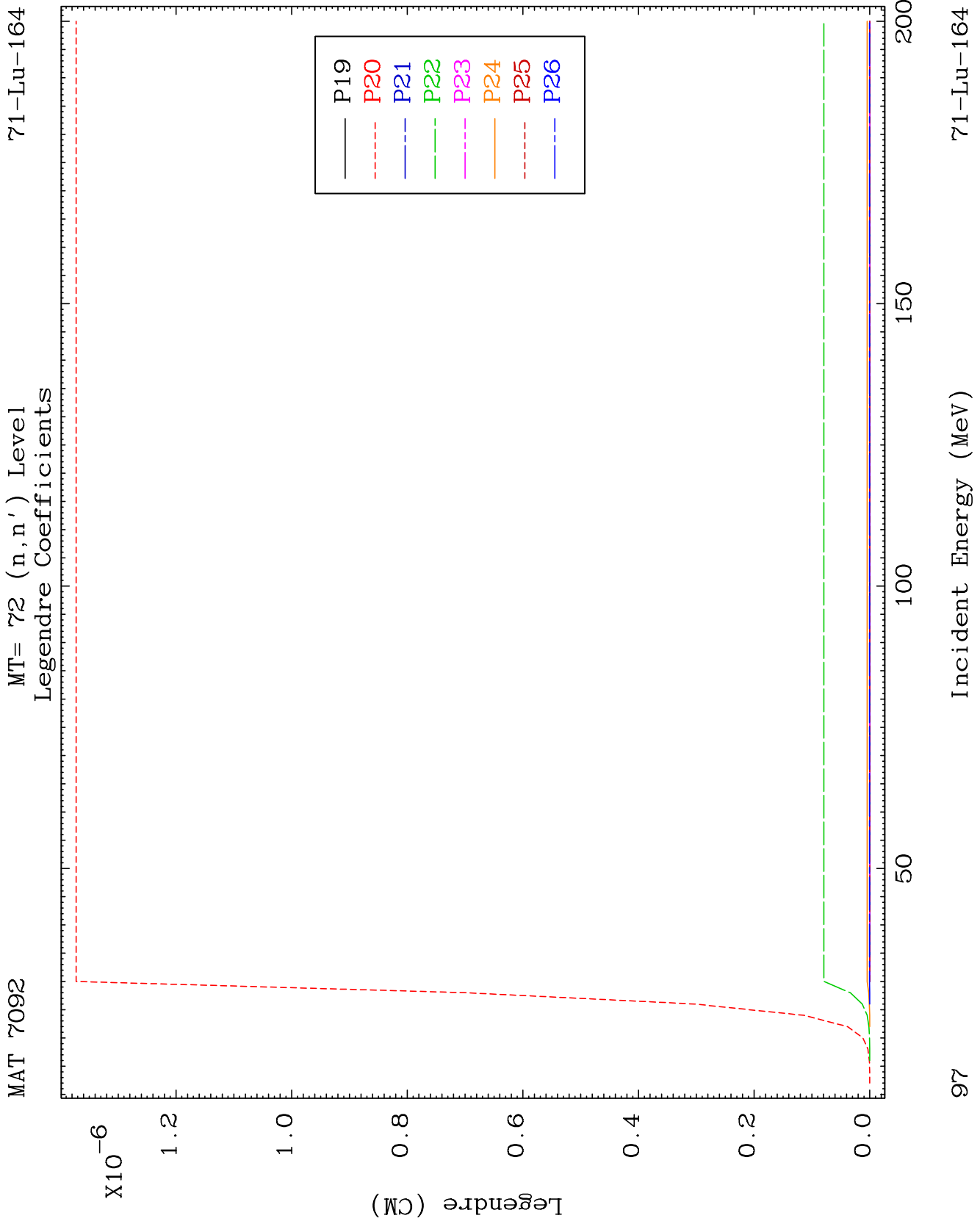
71-Lu-164









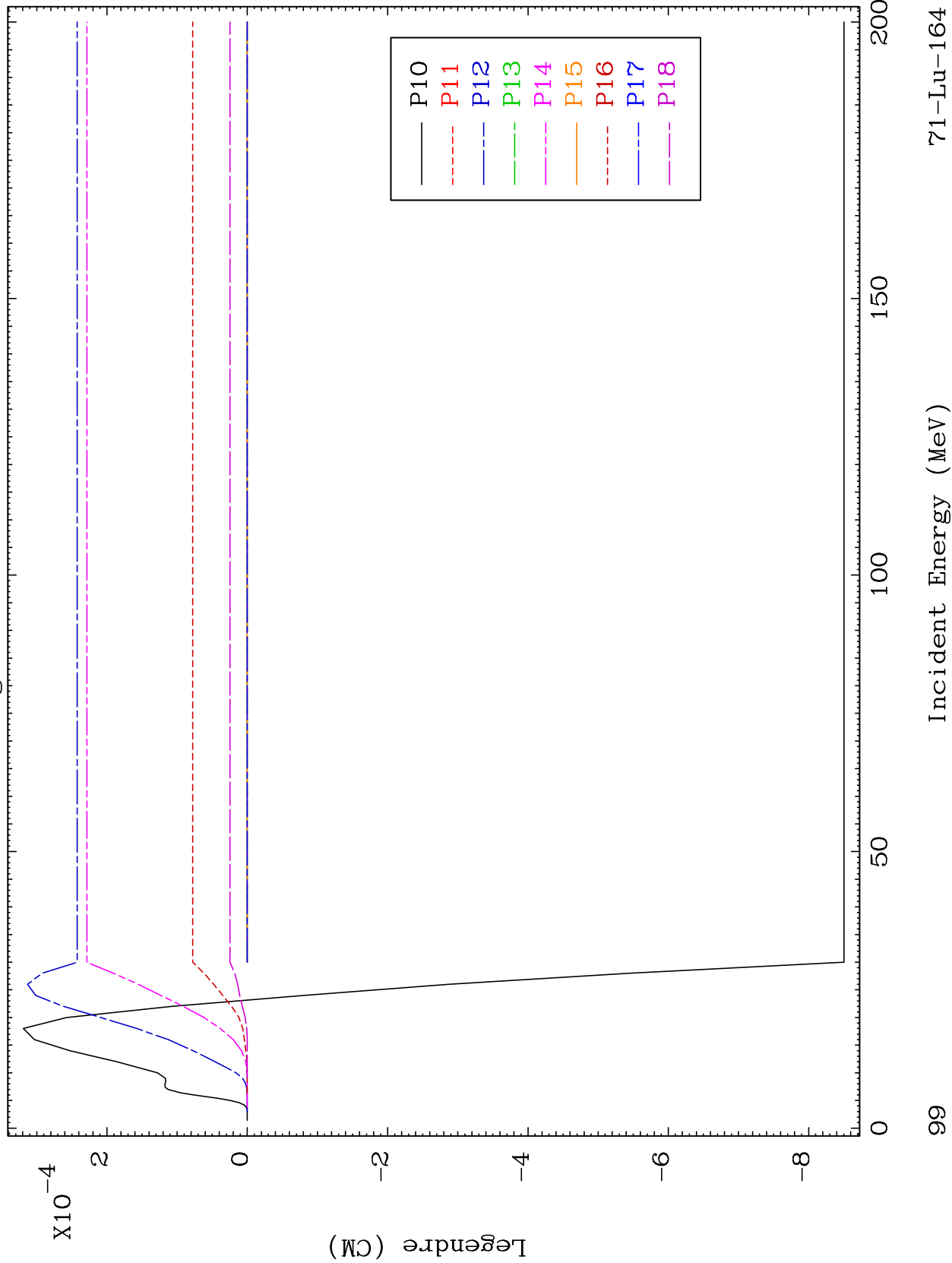




MAT 7092

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

71-Lu-164



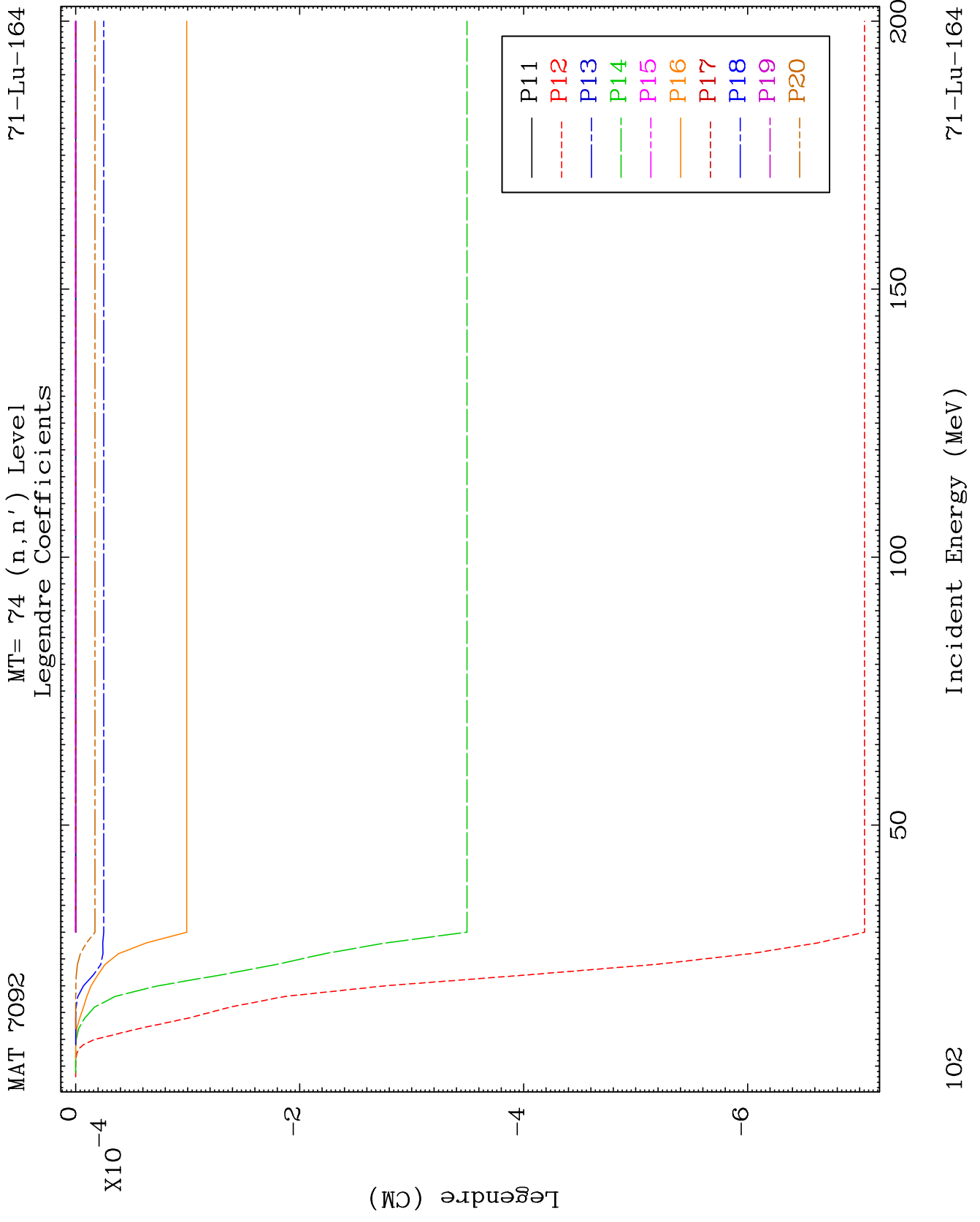
99

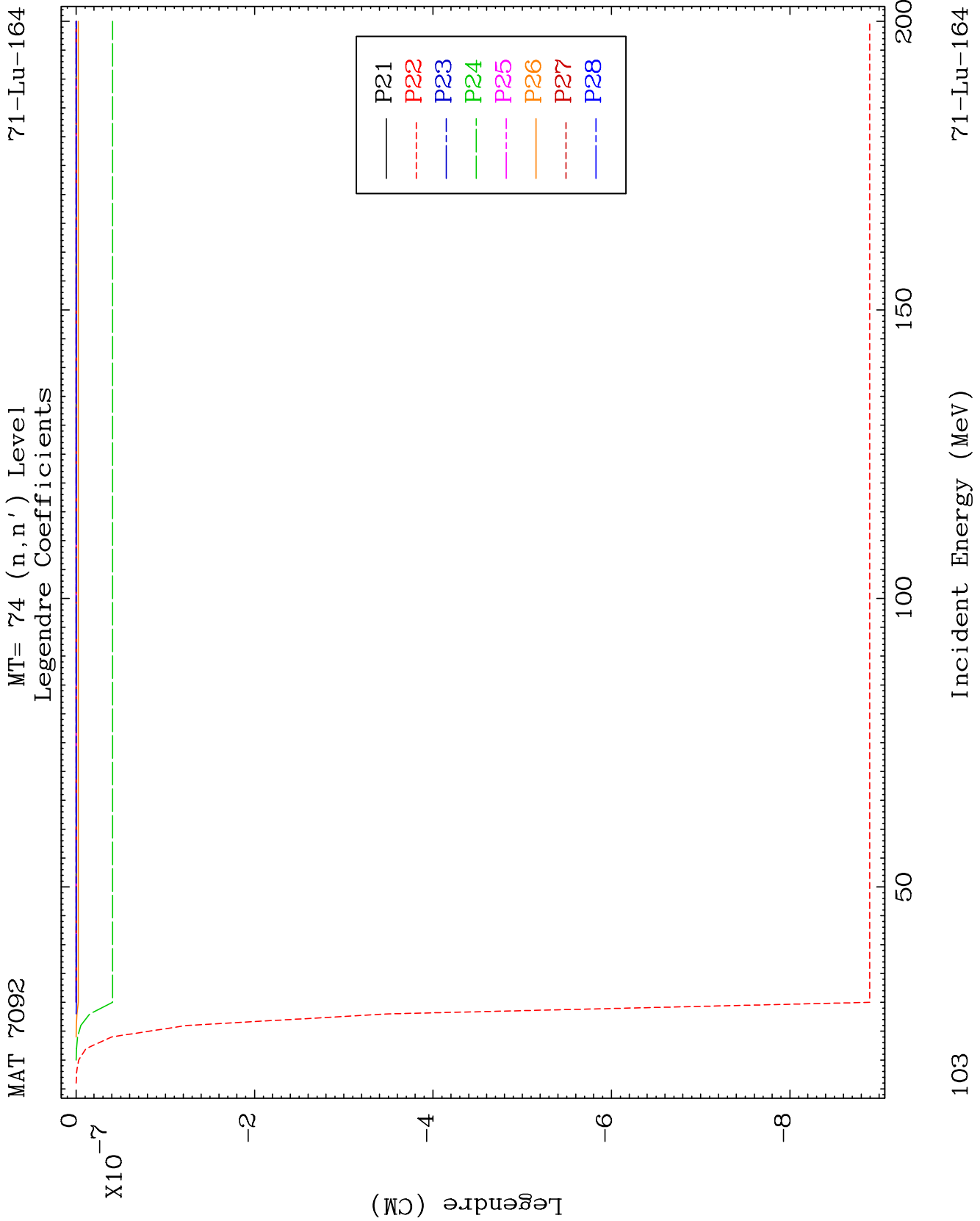
Incident Energy (MeV)

71-Lu-164

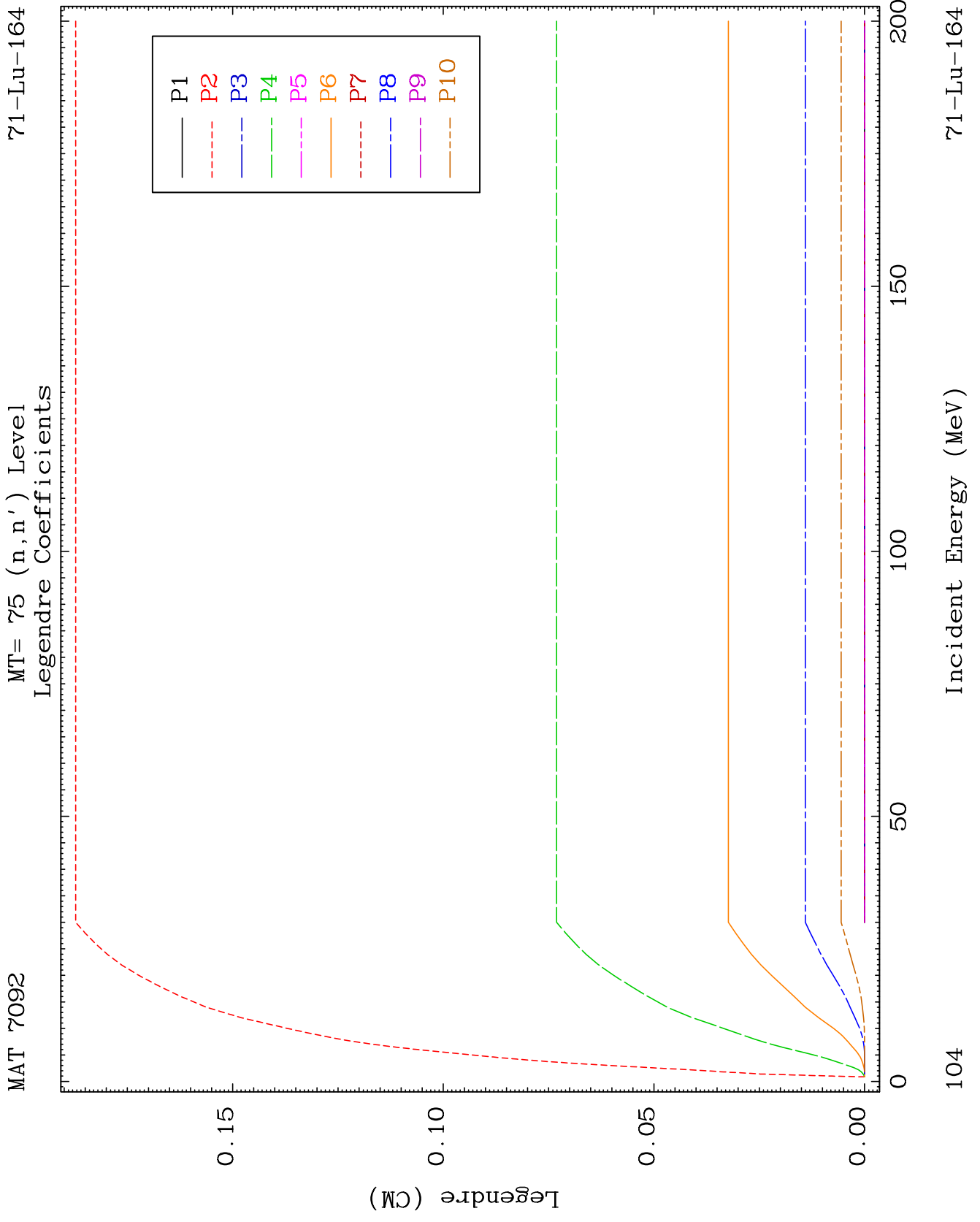


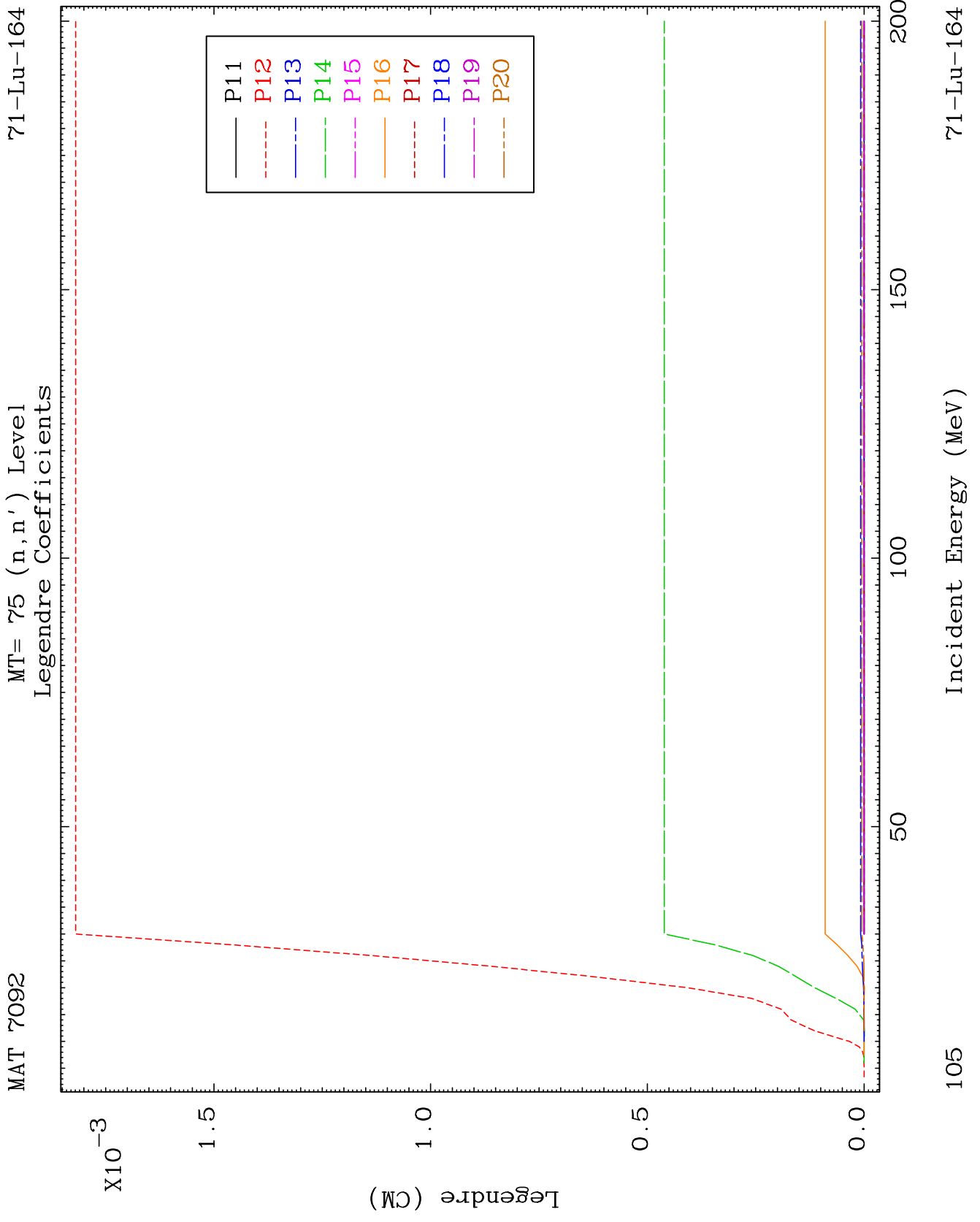


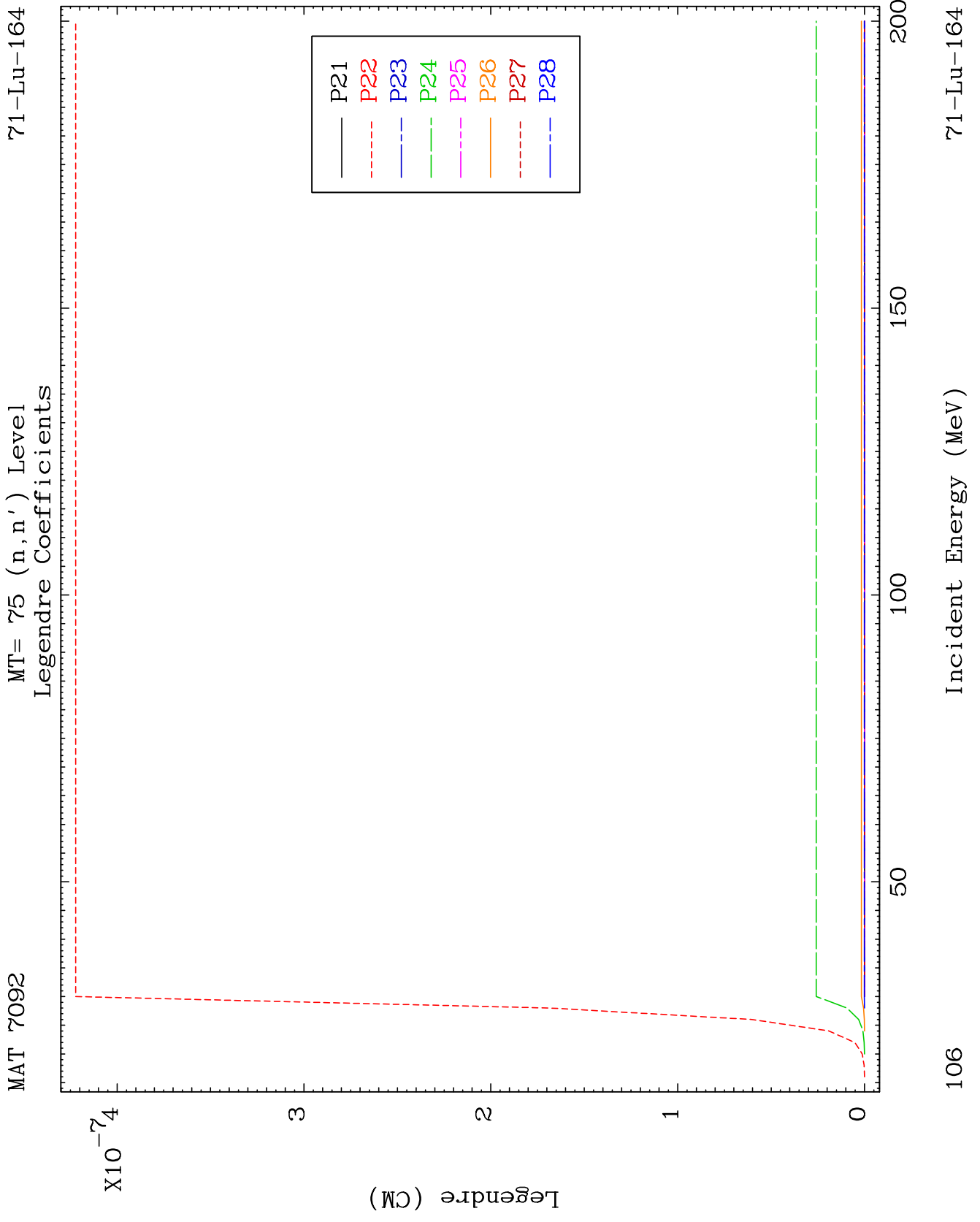


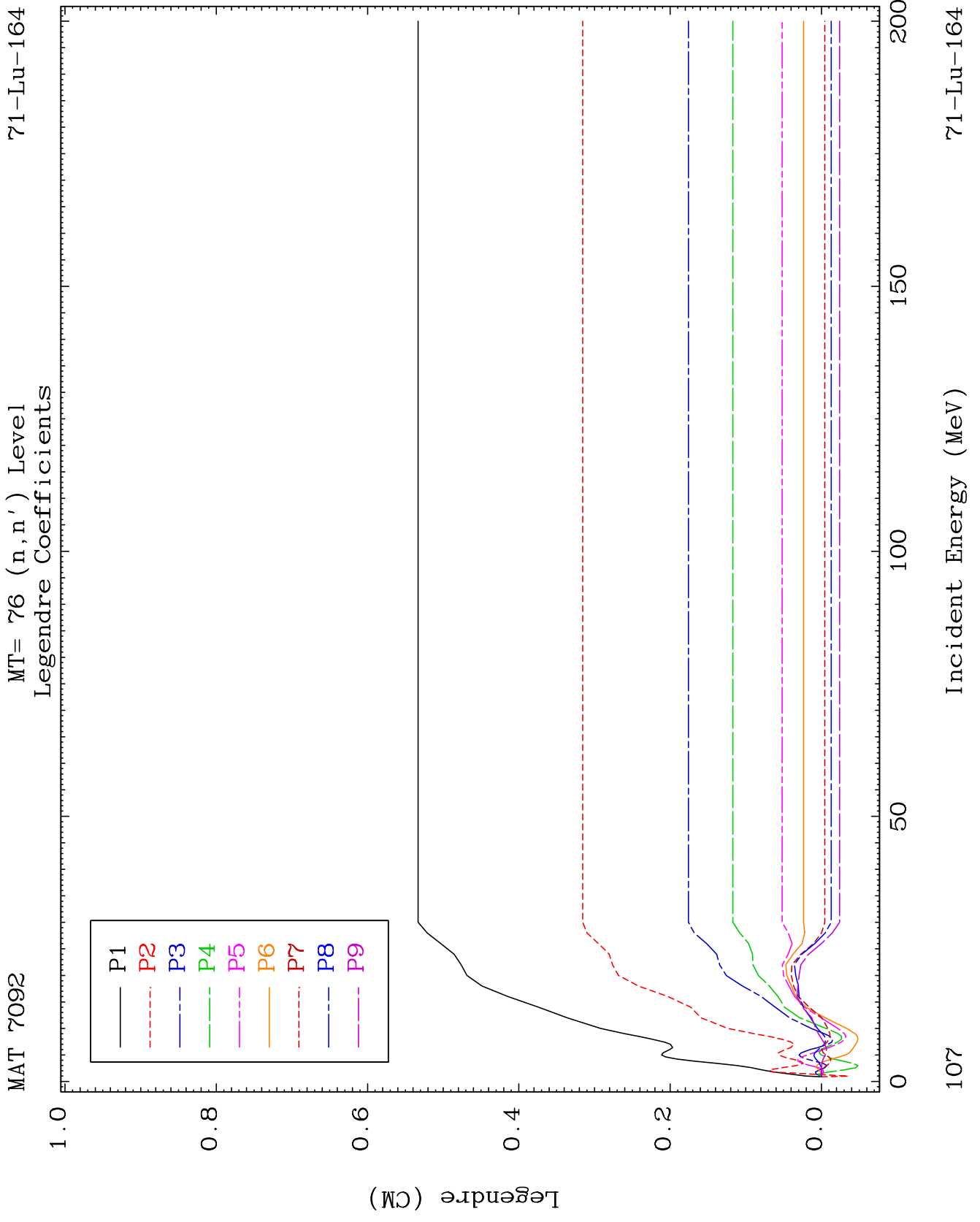








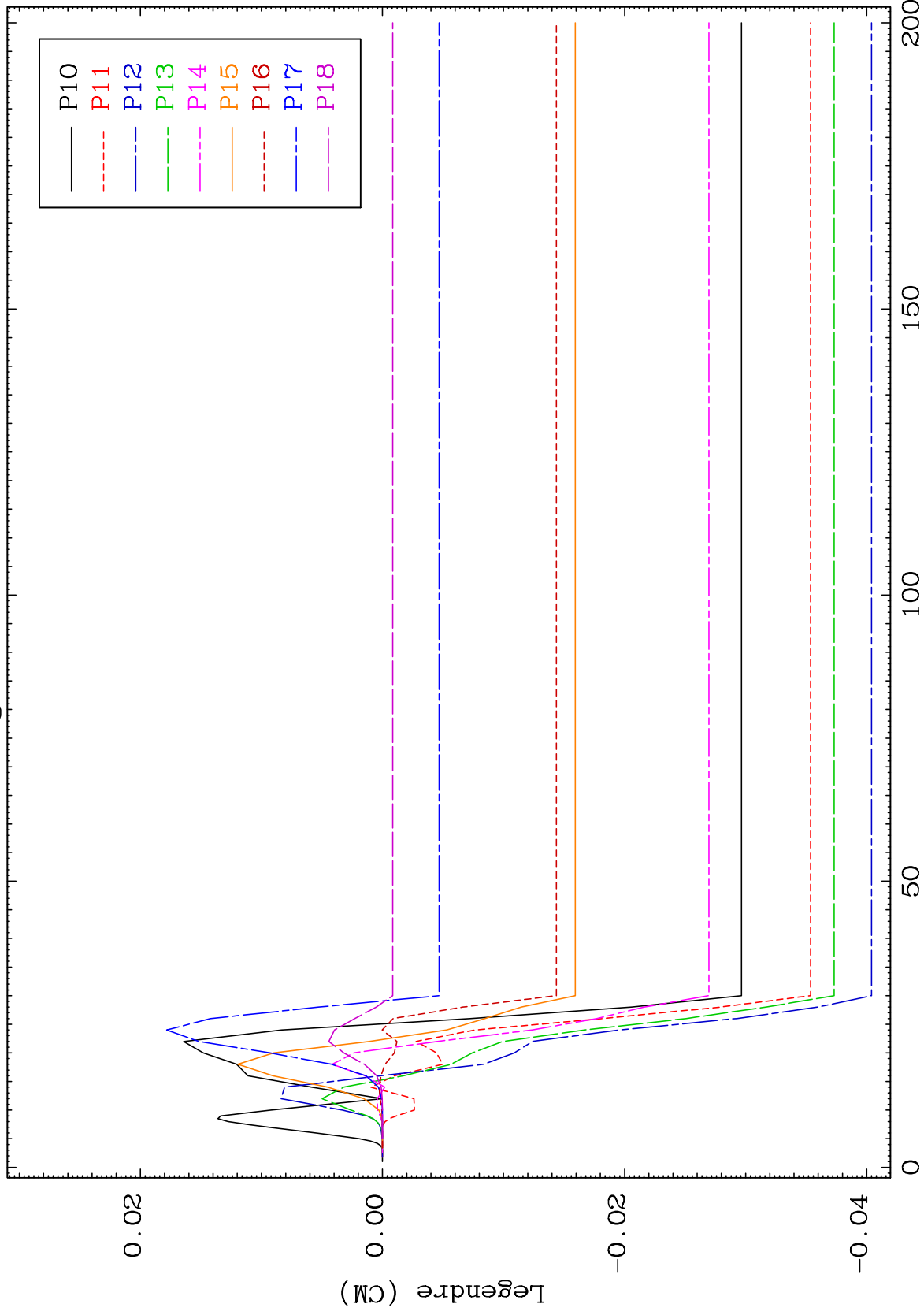




MAT 7092

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

71-Lu-164



108

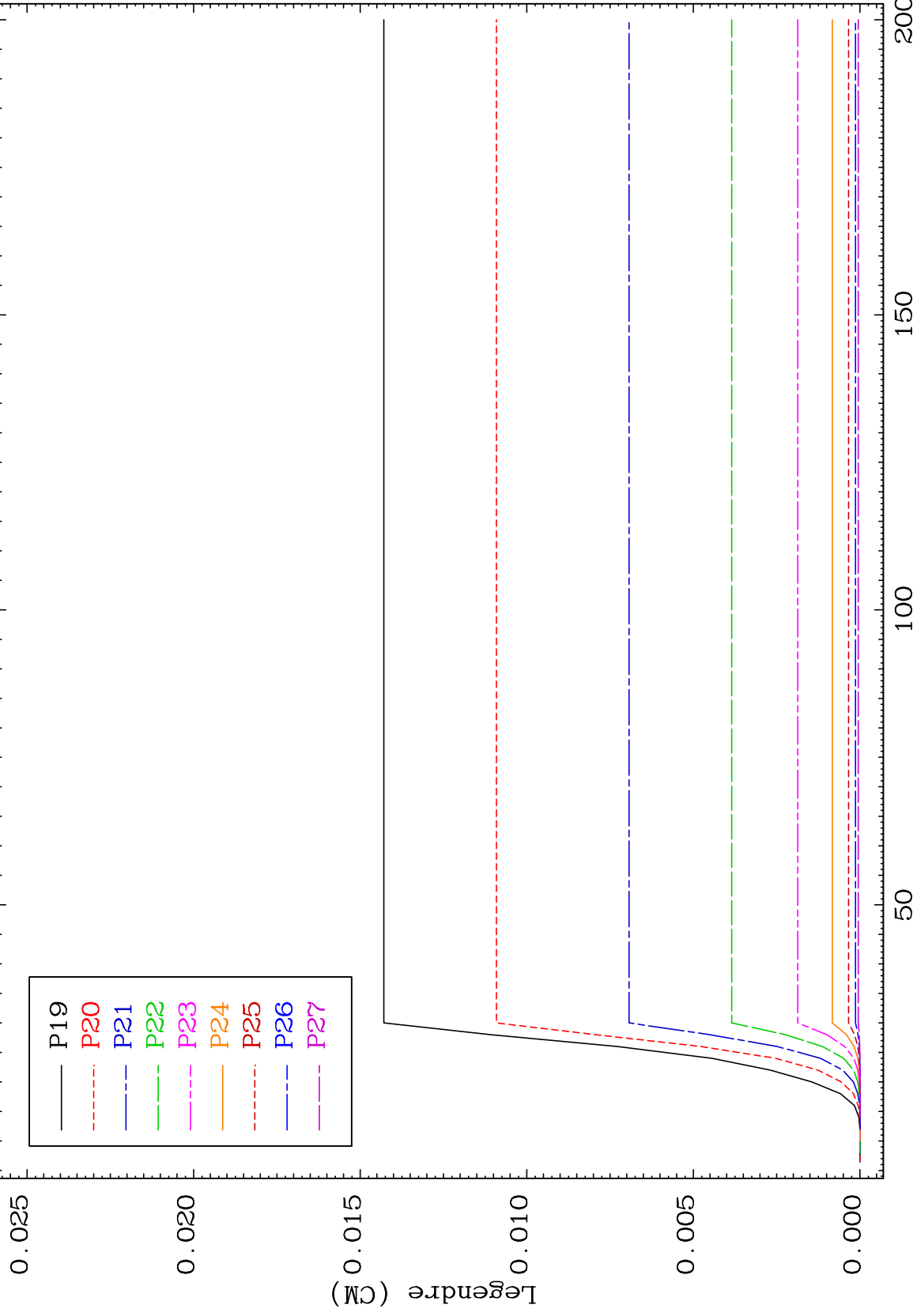
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



109

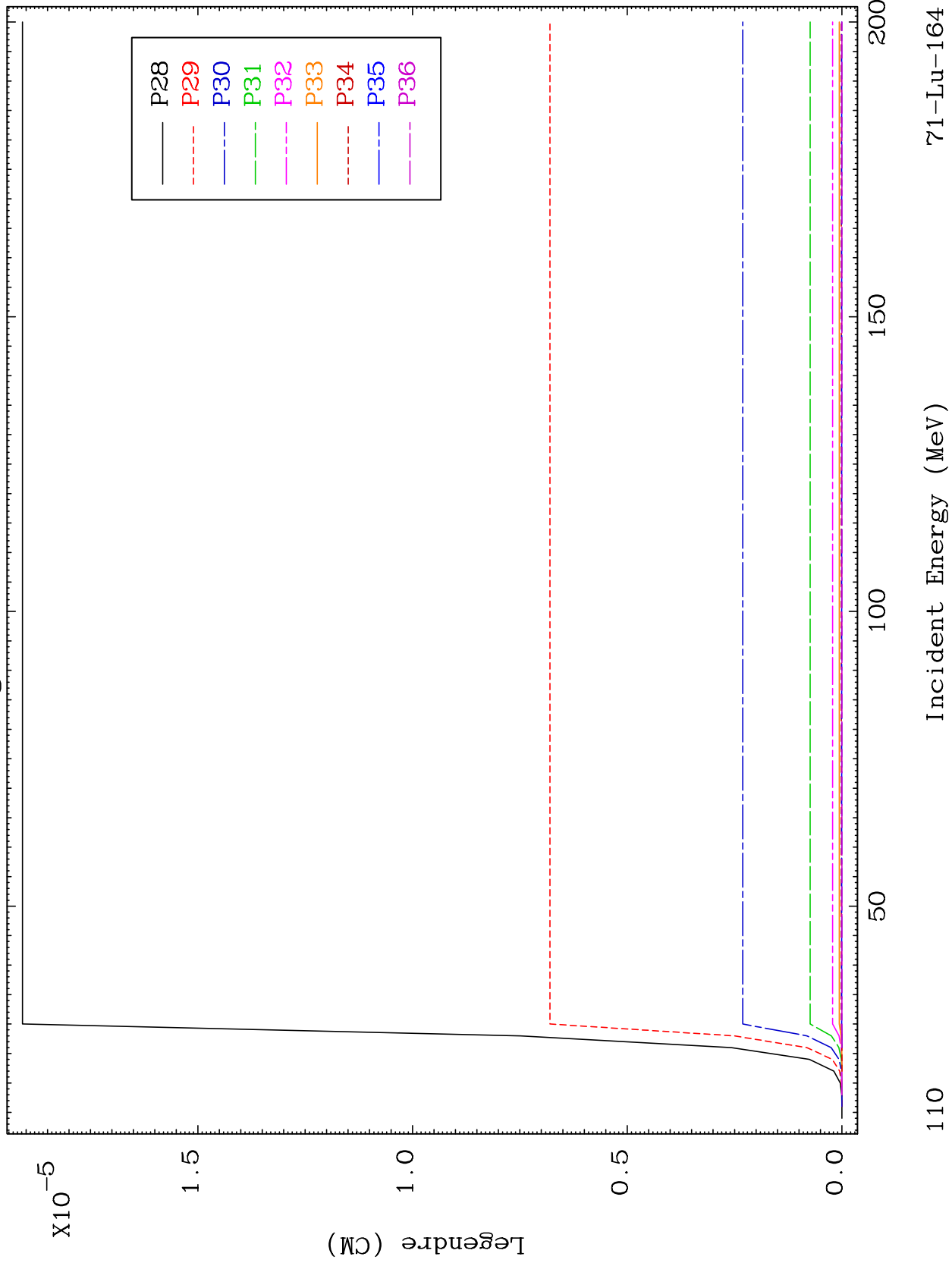
Incident Energy (MeV)

71-Lu-164

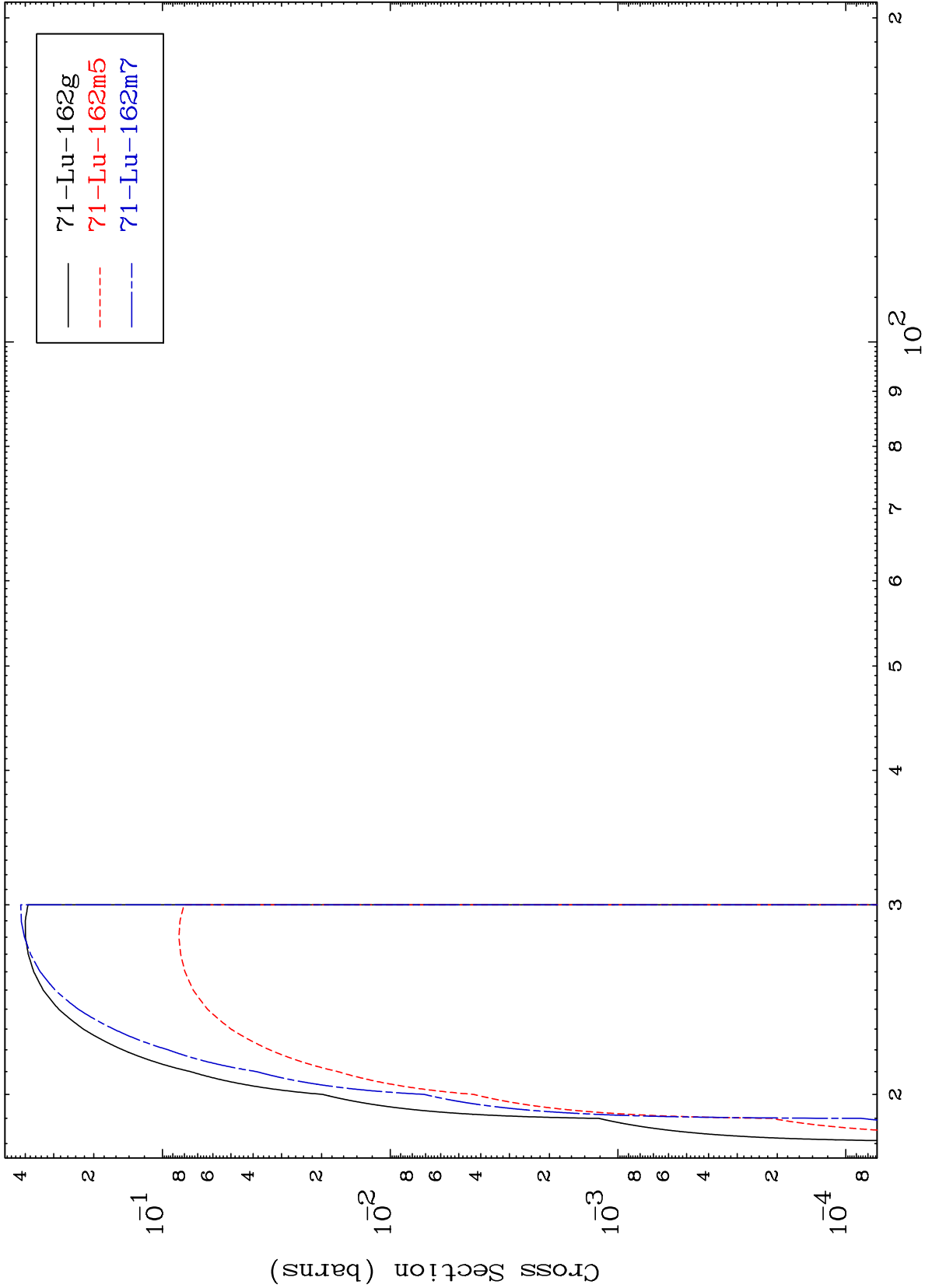
MAT 7092

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

71-Lu-164



Radionuclide Production Cross Section



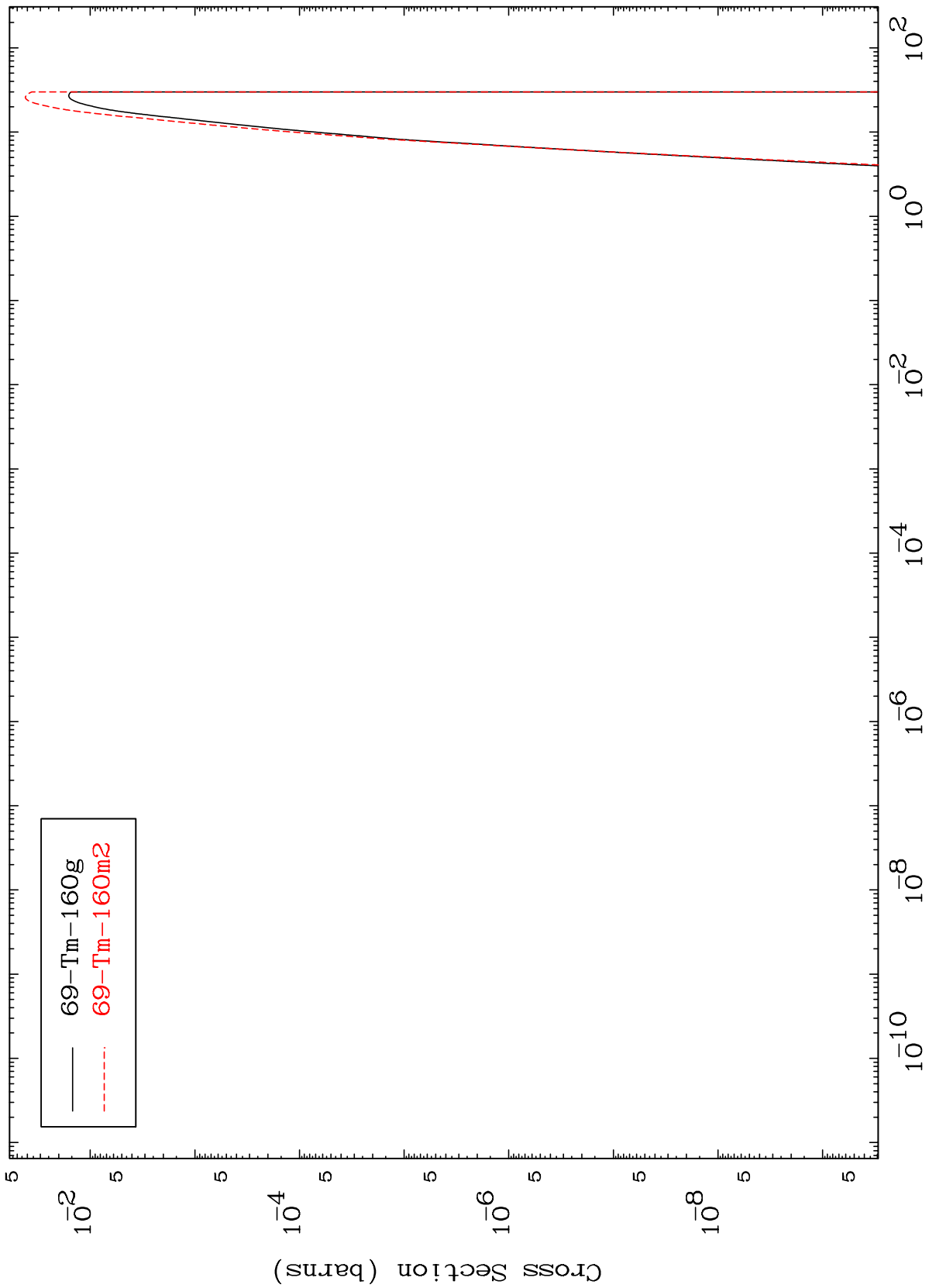


MAT 7092

$(n, n') \alpha$

71-Lu-164

Radionuclide Production Cross Section



112

Incident Energy (MeV)

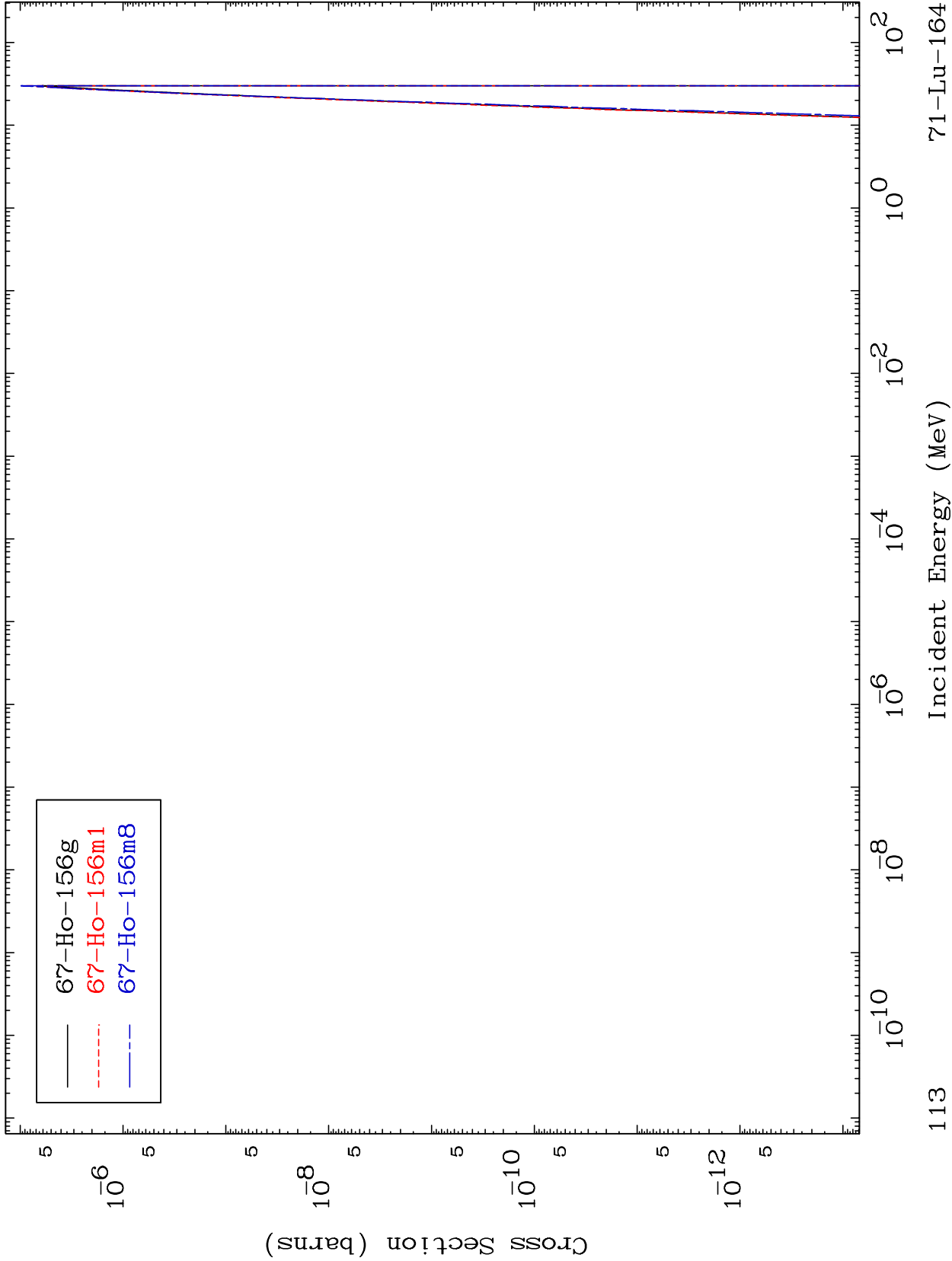
71-Lu-164

MAT 7092

(n,n') 2α

71-Lu-164

Radionuclide Production Cross Section



113

Incident Energy (MeV)

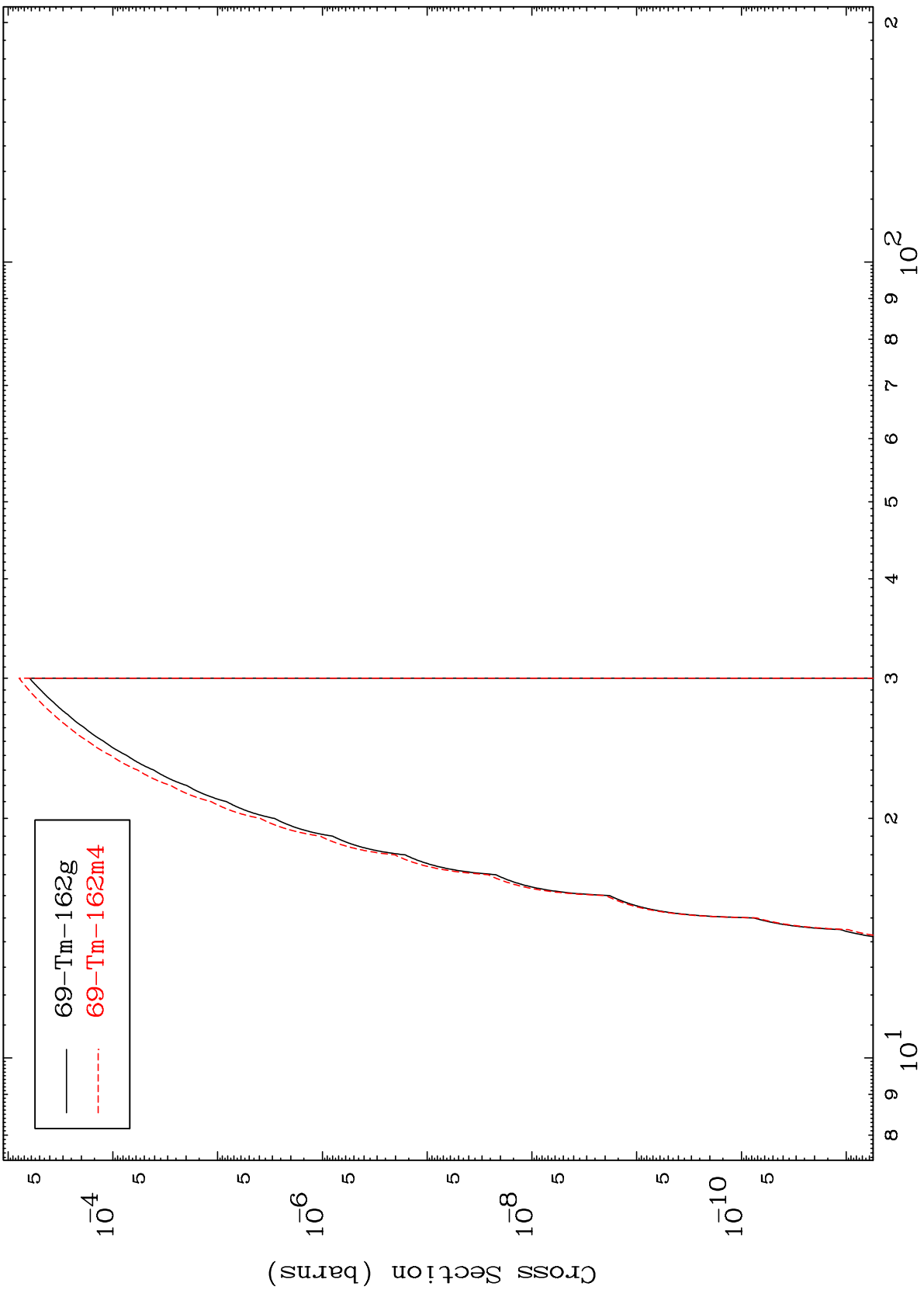
71-Lu-164

MAT 7092

(n,2n) p

71-Lu-164

Radionuclide Production Cross Section



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

114

Incident Energy (MeV)

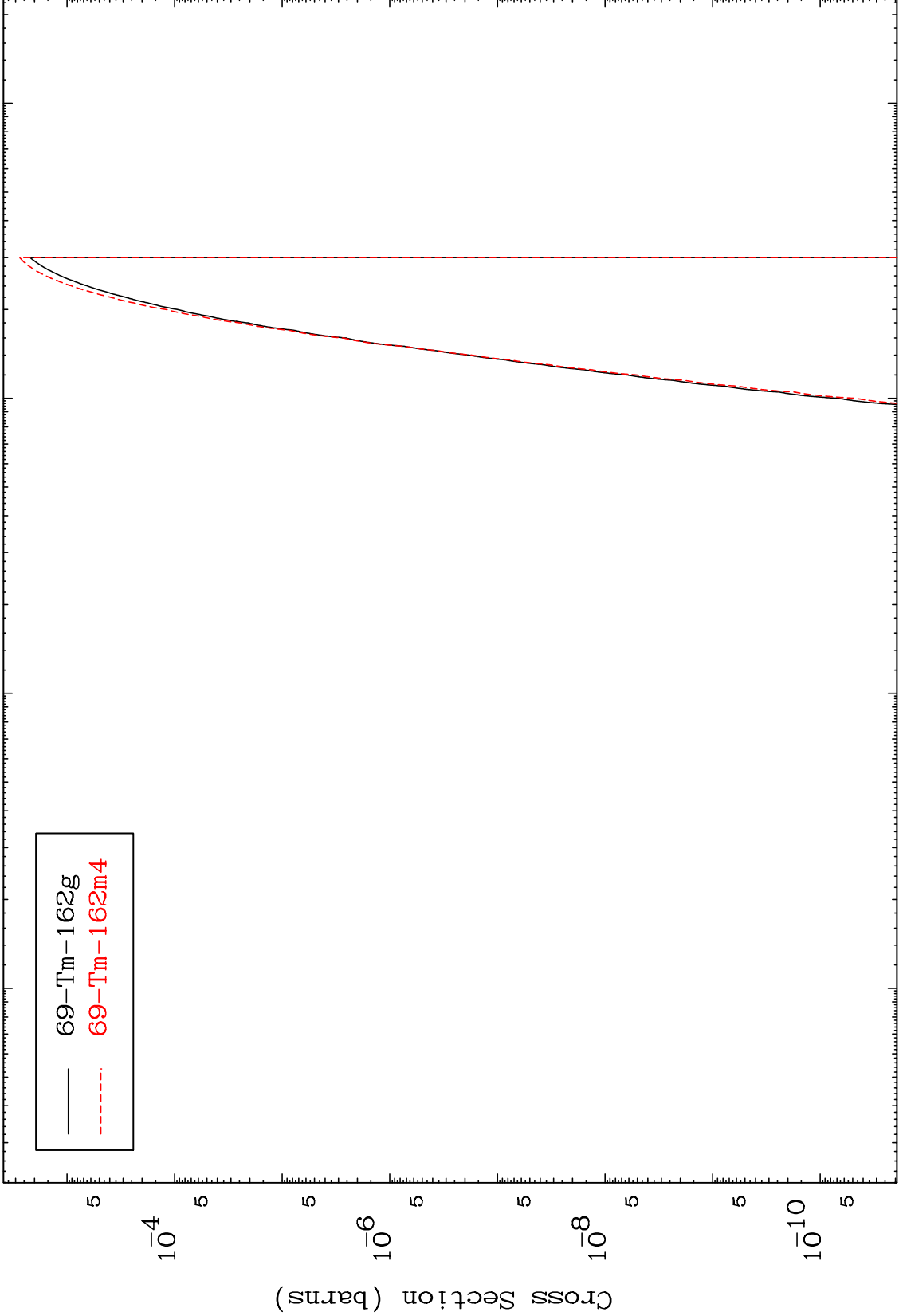
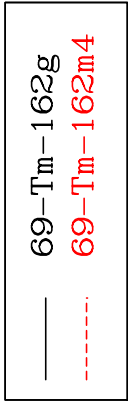
71-Lu-164

MAT 7092

(n,He-3)

71-Lu-164

Radionuclide Production Cross Section



5 10<sup>2</sup>

5 10<sup>1</sup>

5 10<sup>0</sup>

5 10<sup>-1</sup>

115

Incident Energy (MeV)

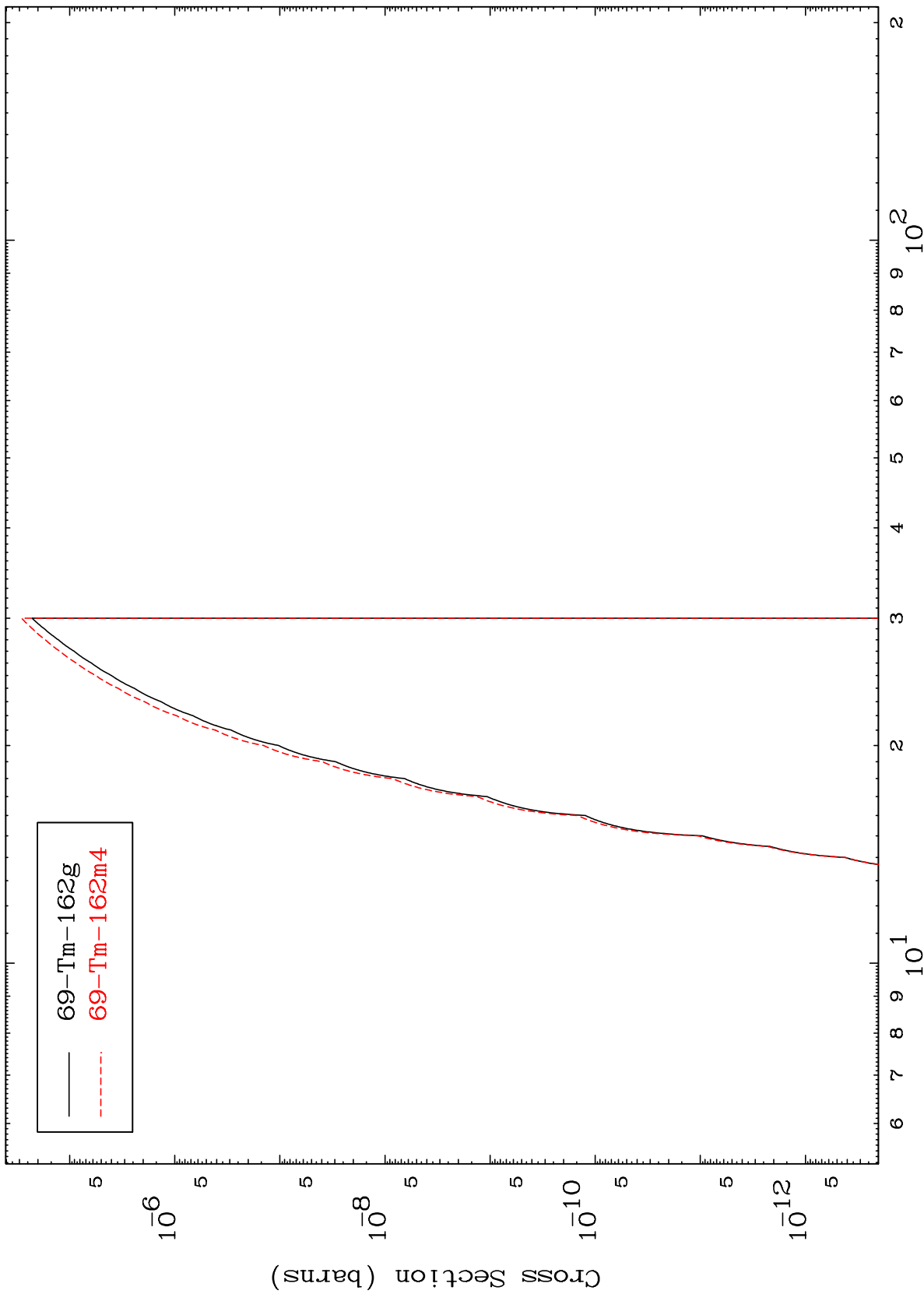
71-Lu-164

MAT 7092

(n,p) d

71-Lu-164

Radionuclide Production Cross Section



116

Incident Energy (MeV)

71-Lu-164