

Program EVALPLOT  
(Version 2017-1)

by

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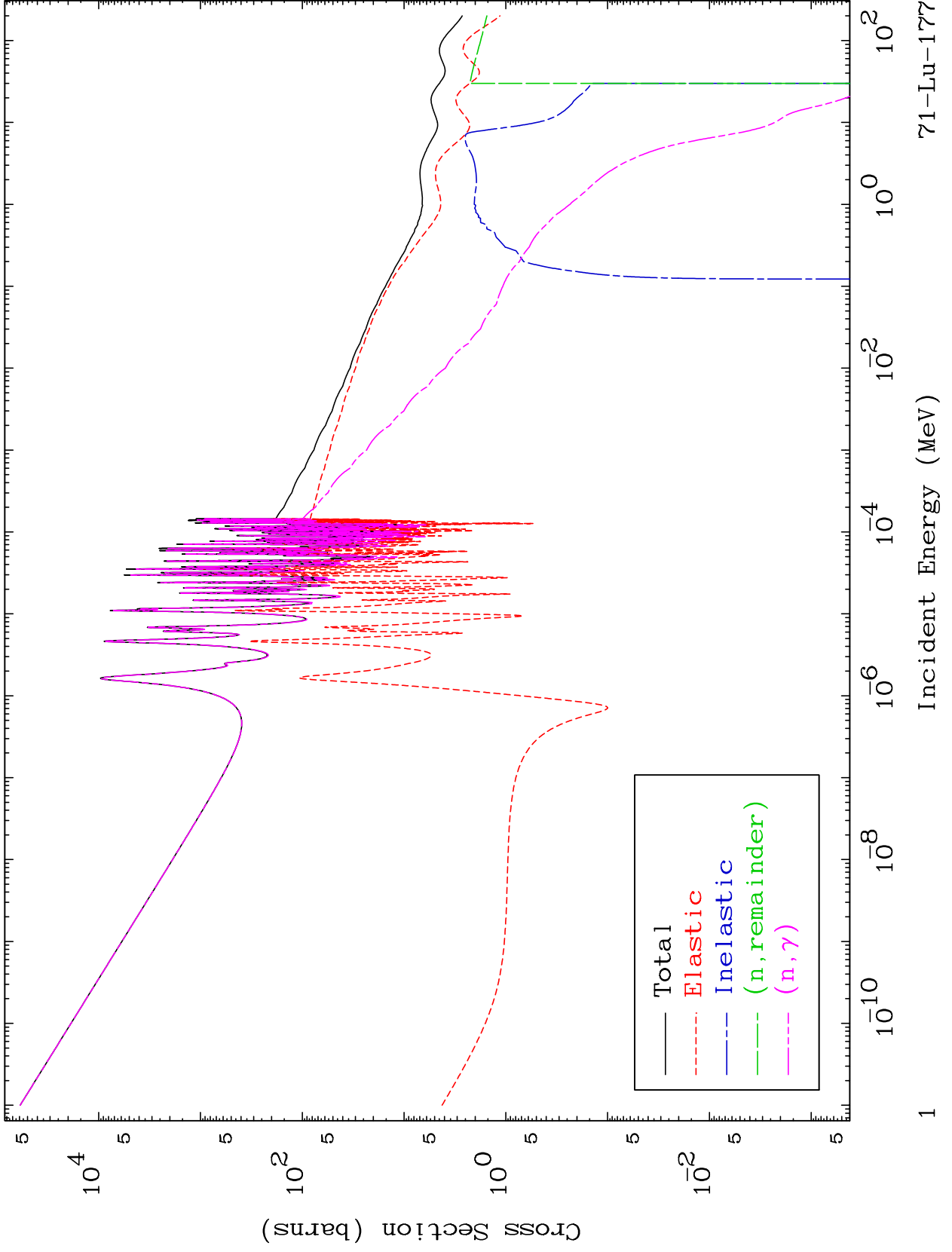
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Press Mouse Button to Start

MAT 7131

Major  
293 Kelvin Cross Sections

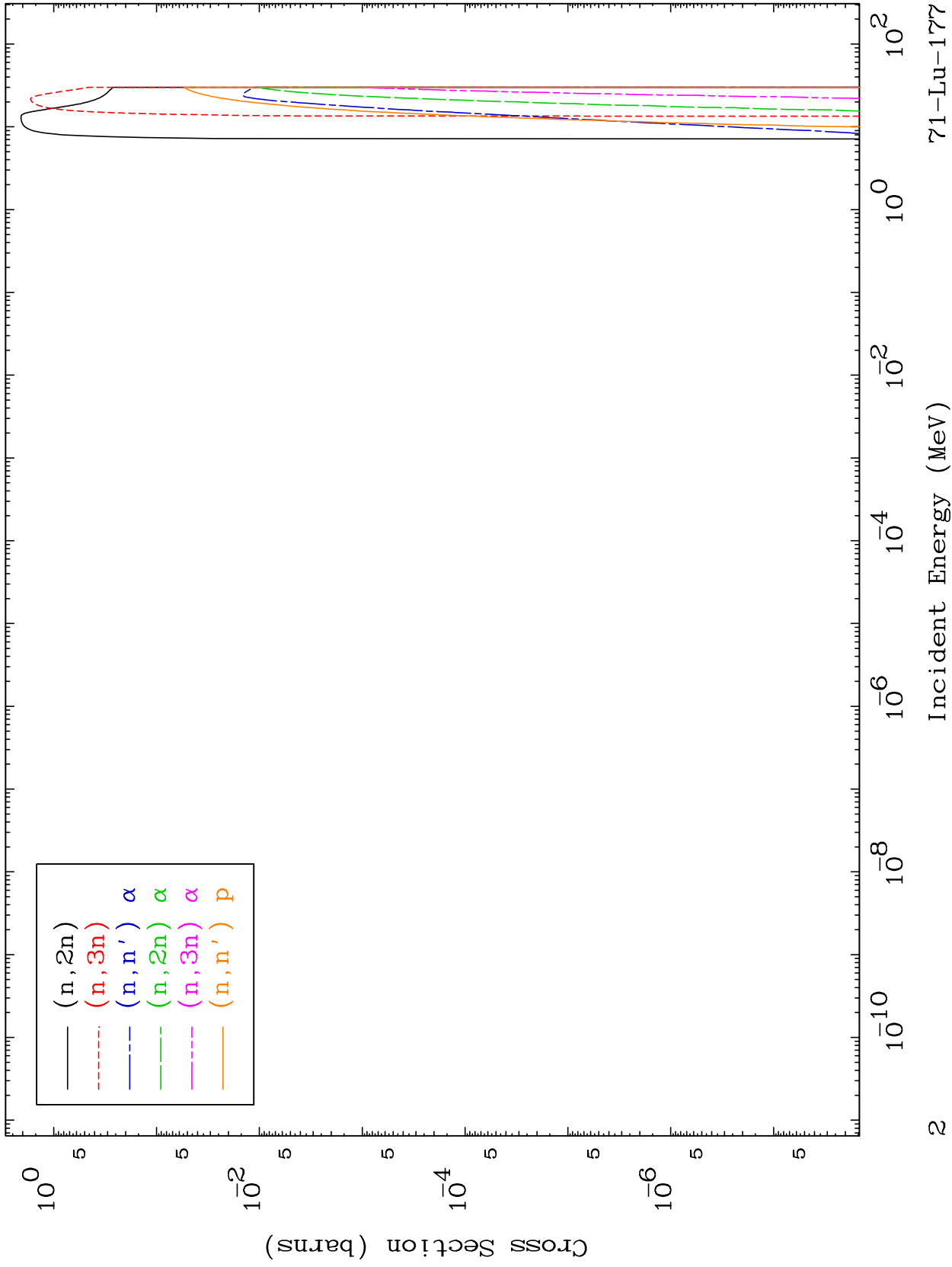
71-Lu-177

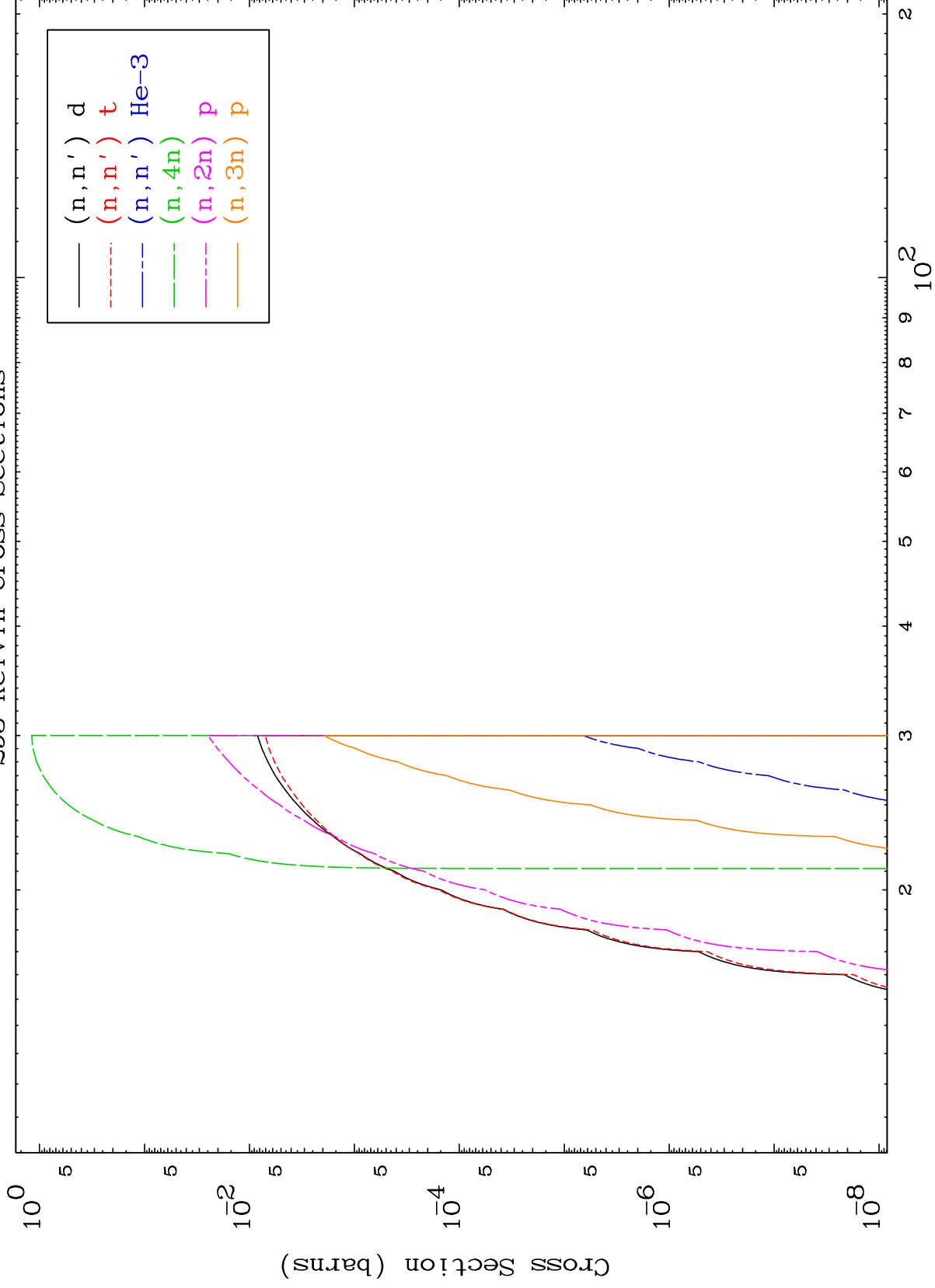


MAT 7131

Neutron Production  
293 Kelvin Cross Sections

71-Lu-177

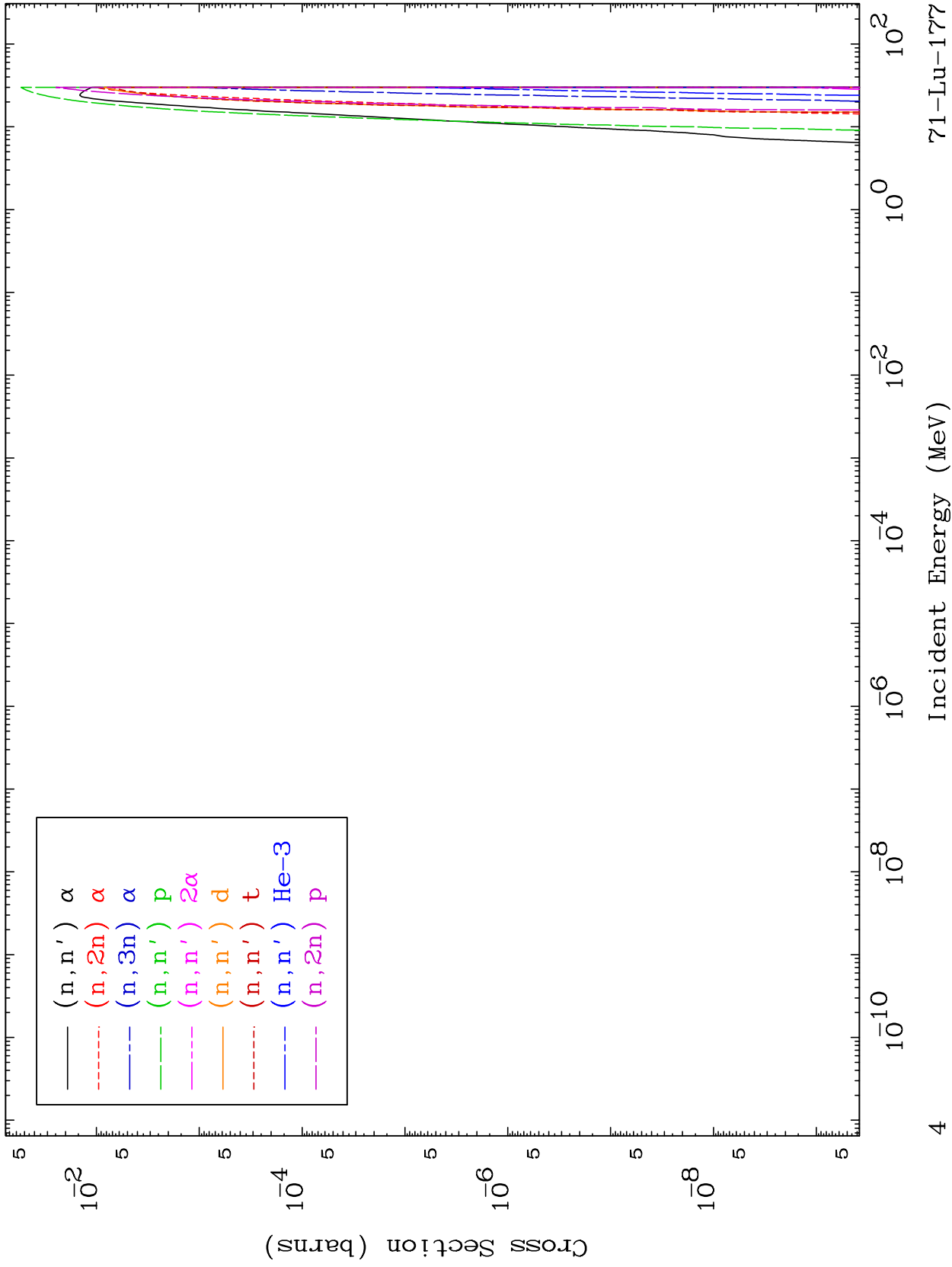




MAT 7131

Charged Particle  
293 Kelvin Cross Sections

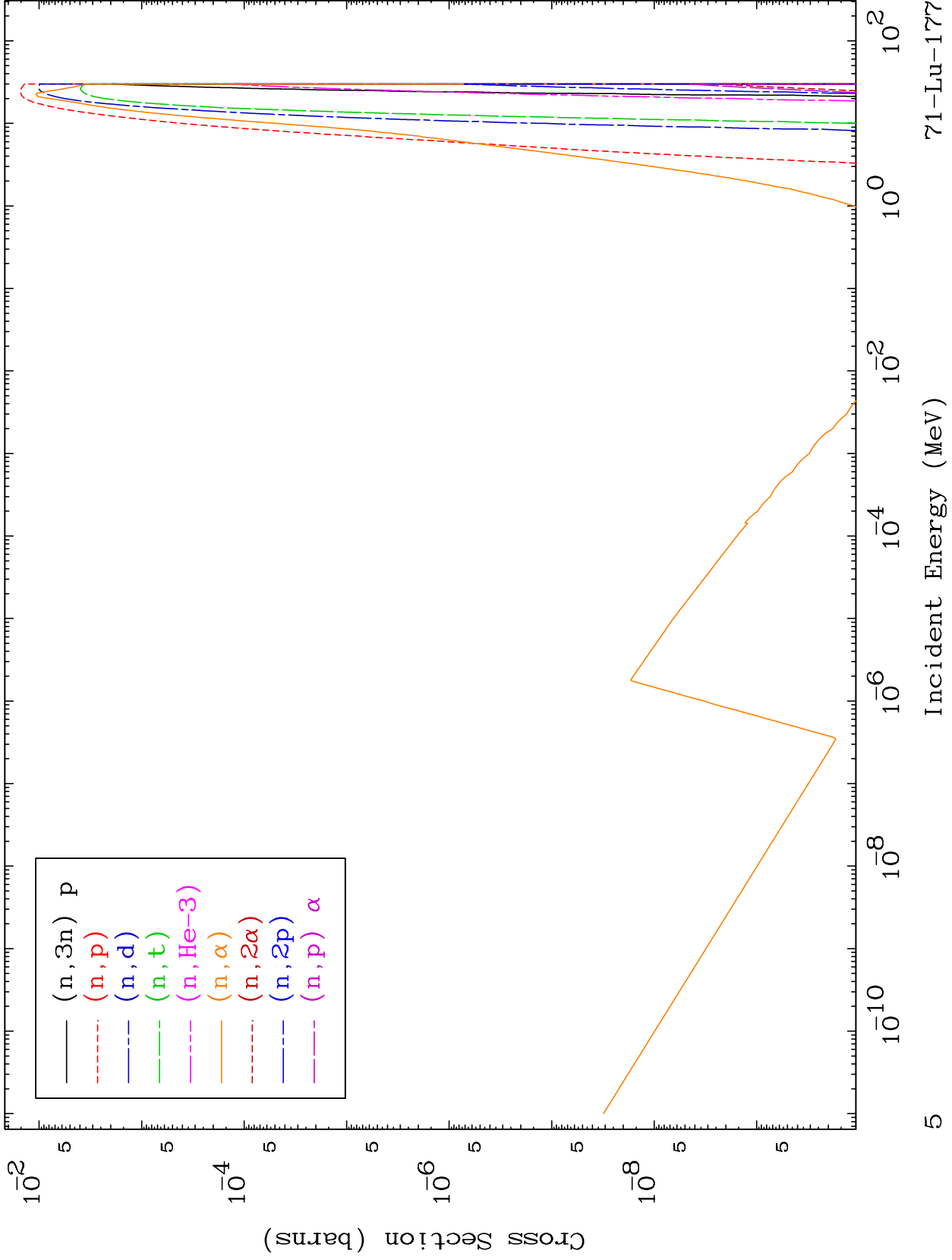
71-Lu-177



MAT 7131

Charged Particle  
293 Kelvin Cross Sections

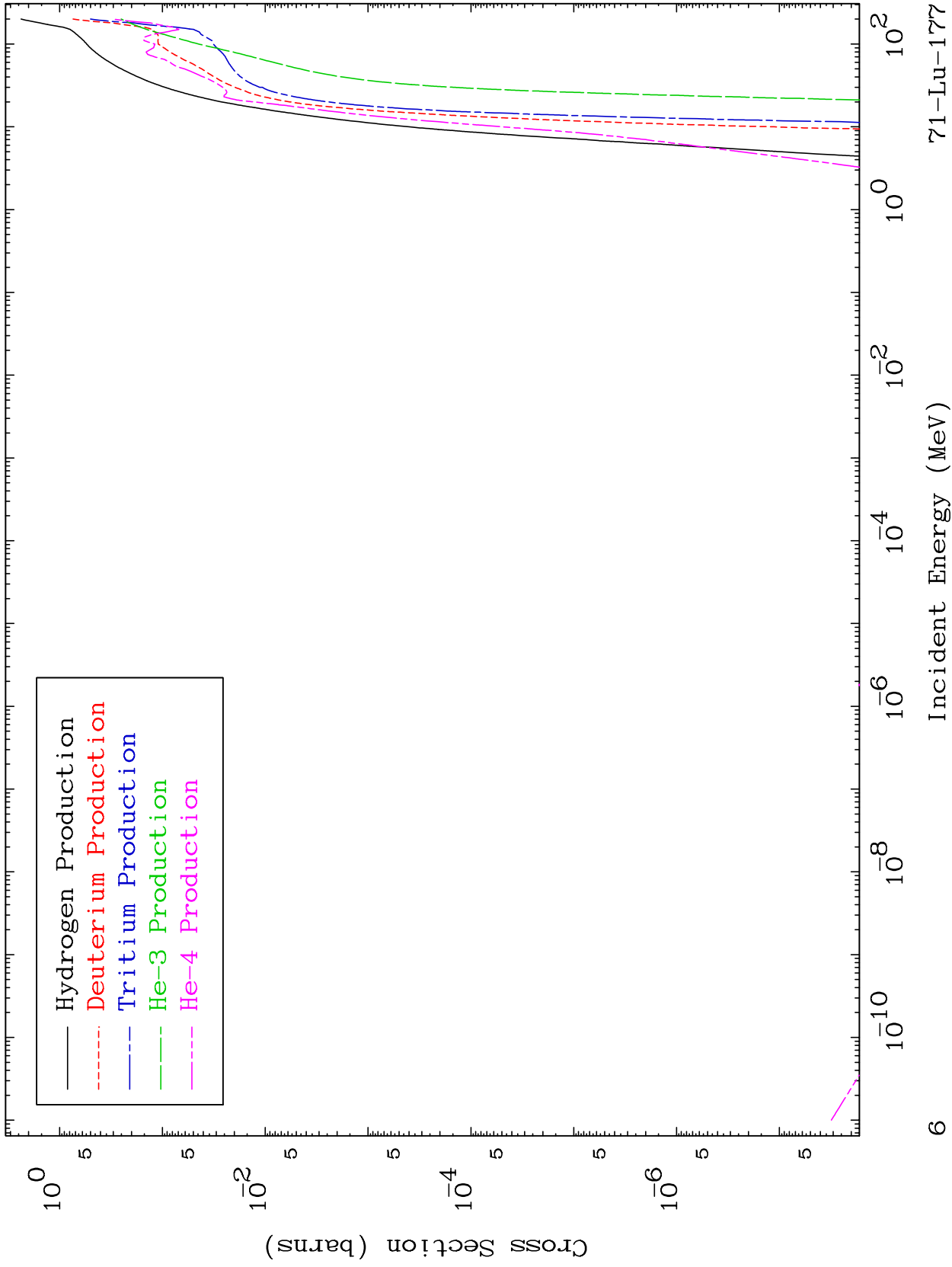
71-Lu-177



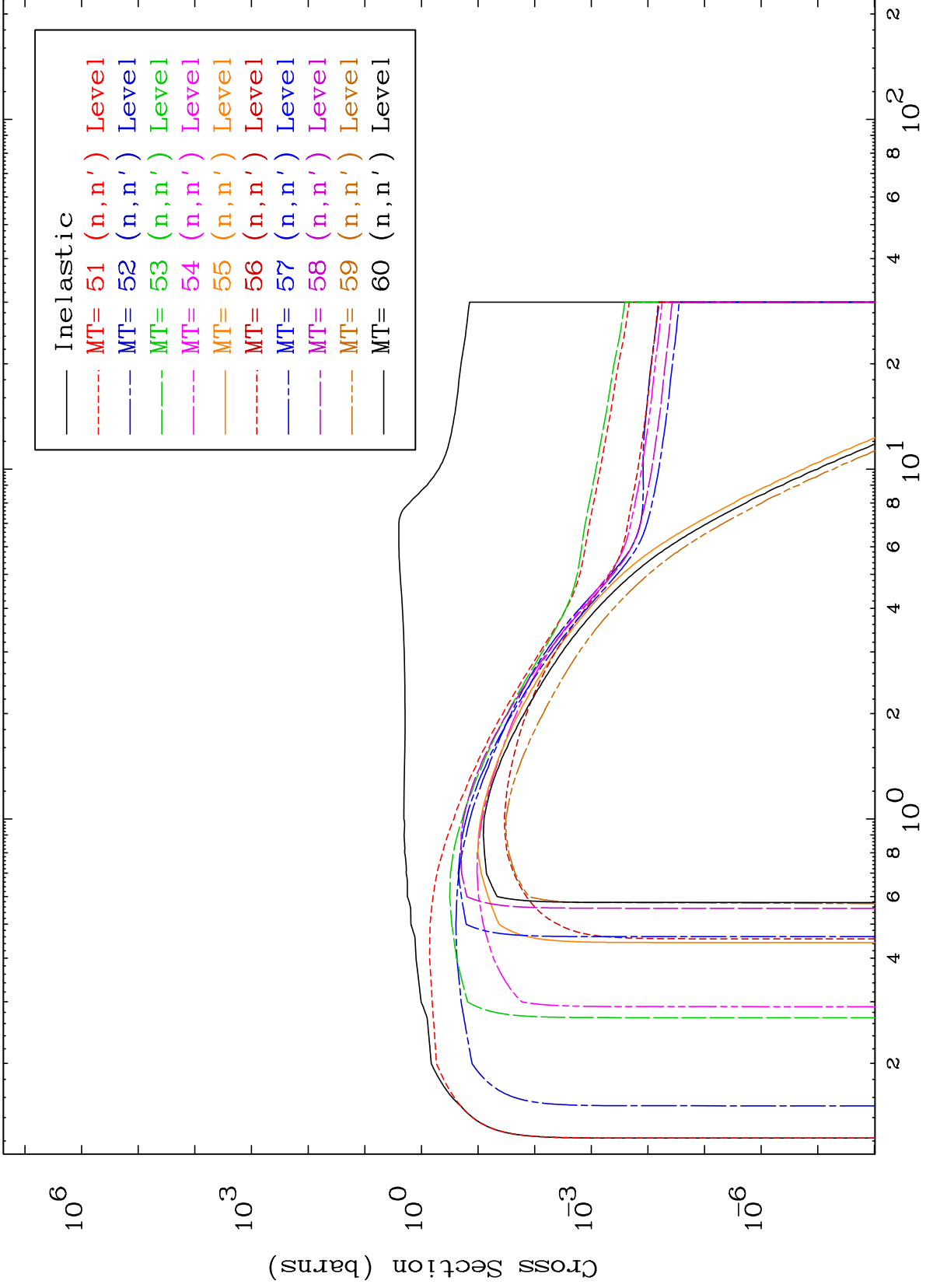
MAT 7131

Particle Production  
293 Kelvin Cross Sections

71-Lu-177



293 Kelvin Cross Sections



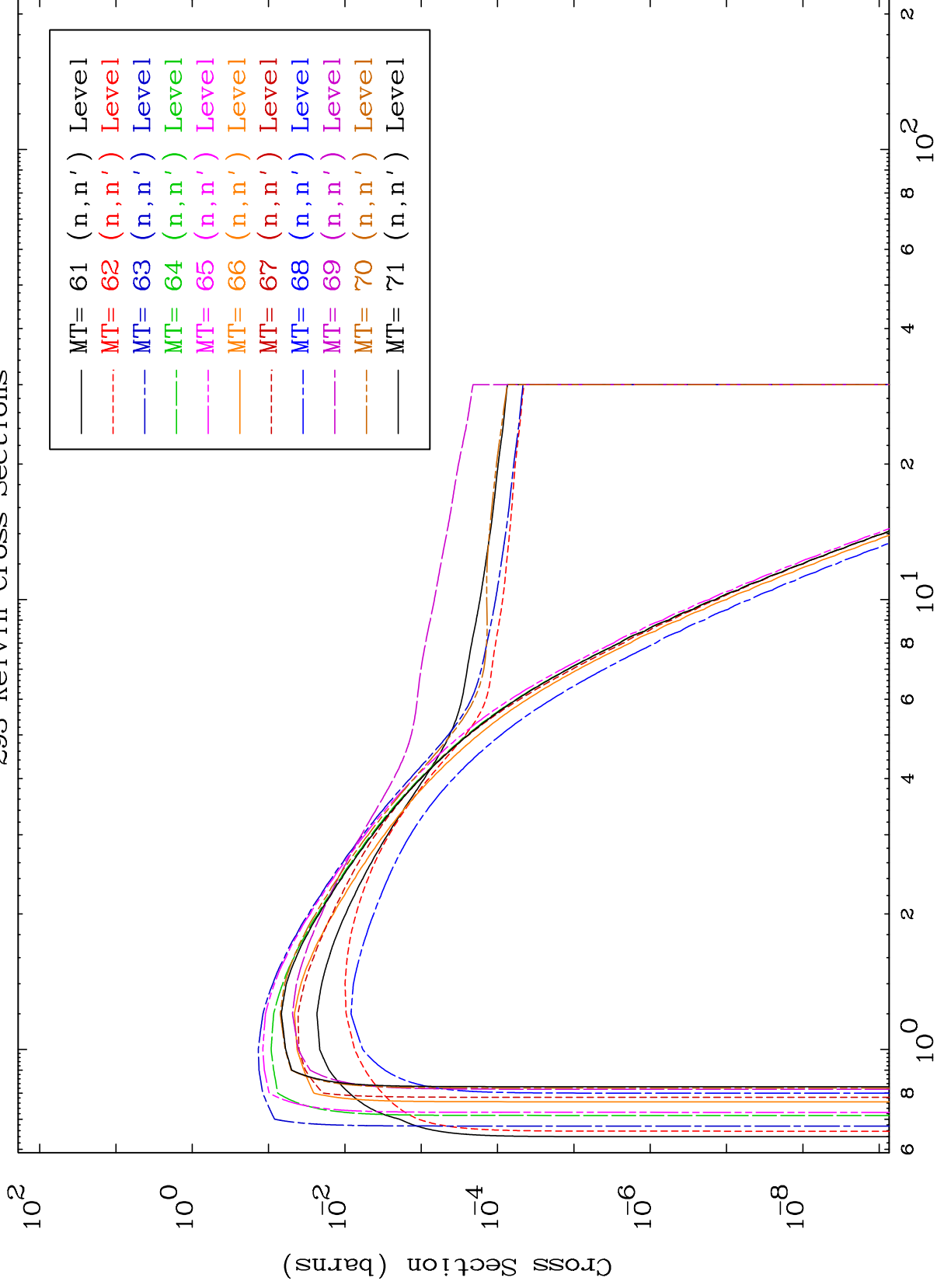


MAT 7131

(n,n') Level

71-Lu-177

293 Kelvin Cross Sections



Incident Energy (MeV)

71-Lu-177

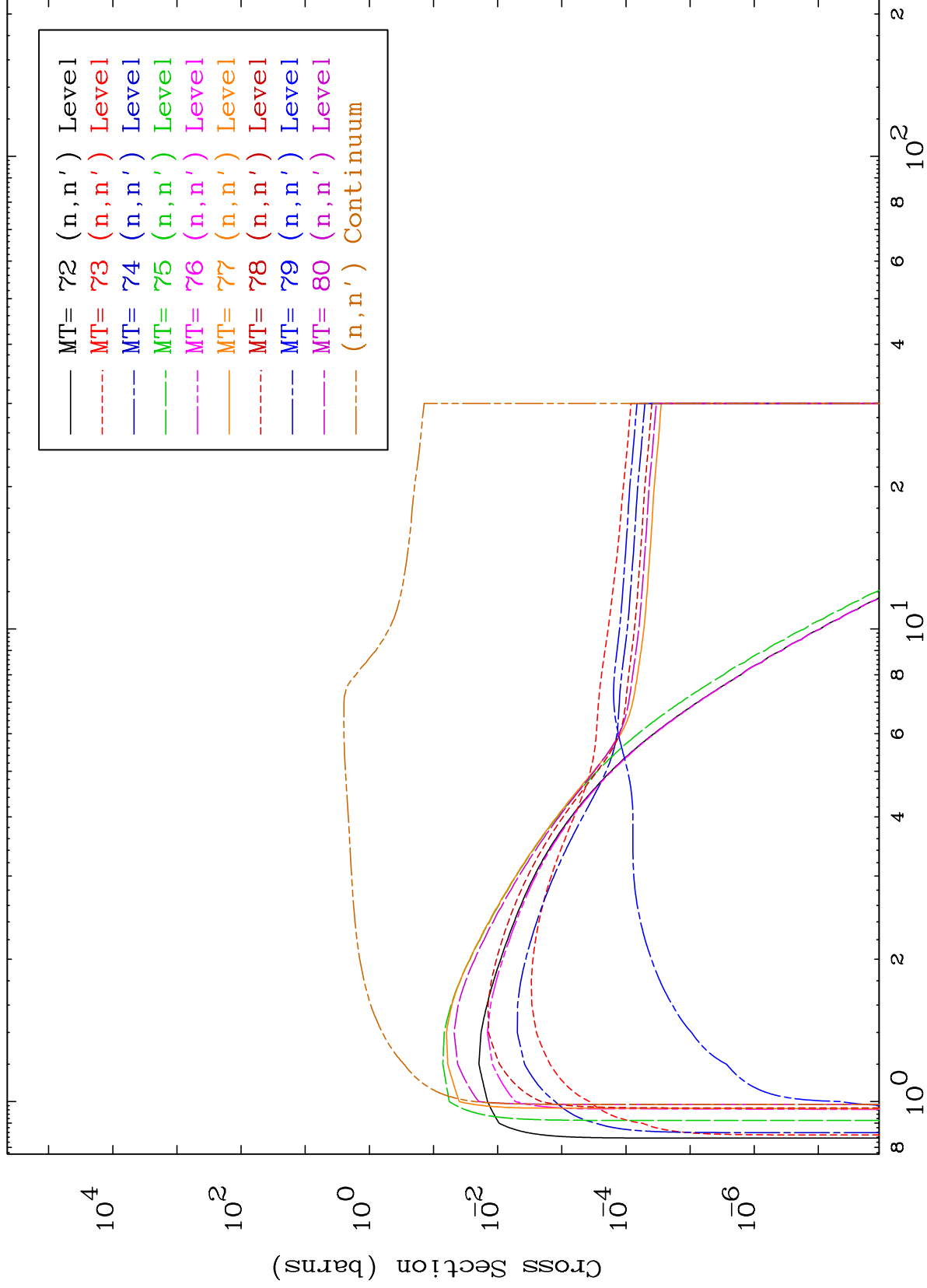
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MAT 7131

(n,n') Level

71-Lu-177

293 Kelvin Cross Sections



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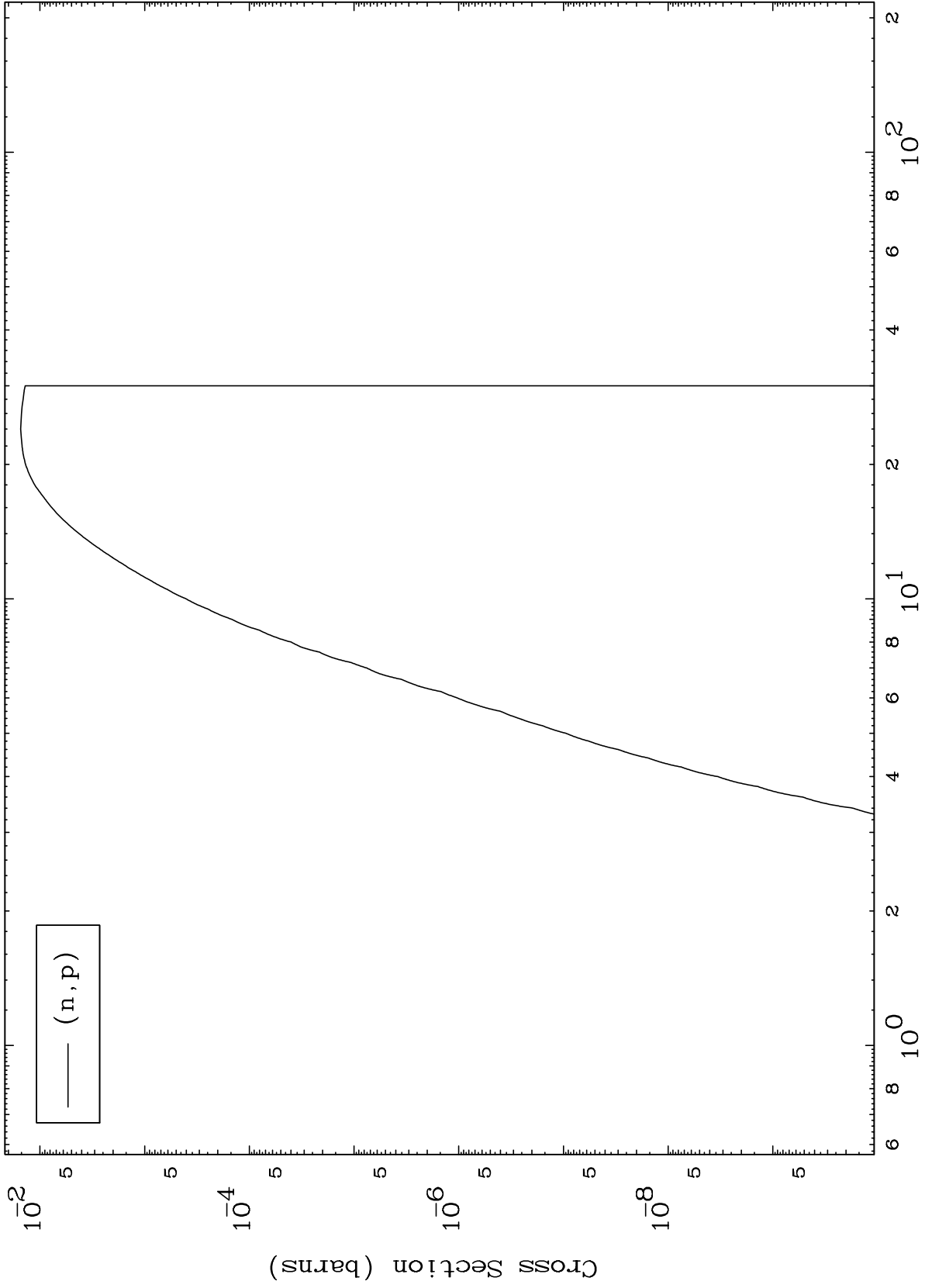
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-177



10

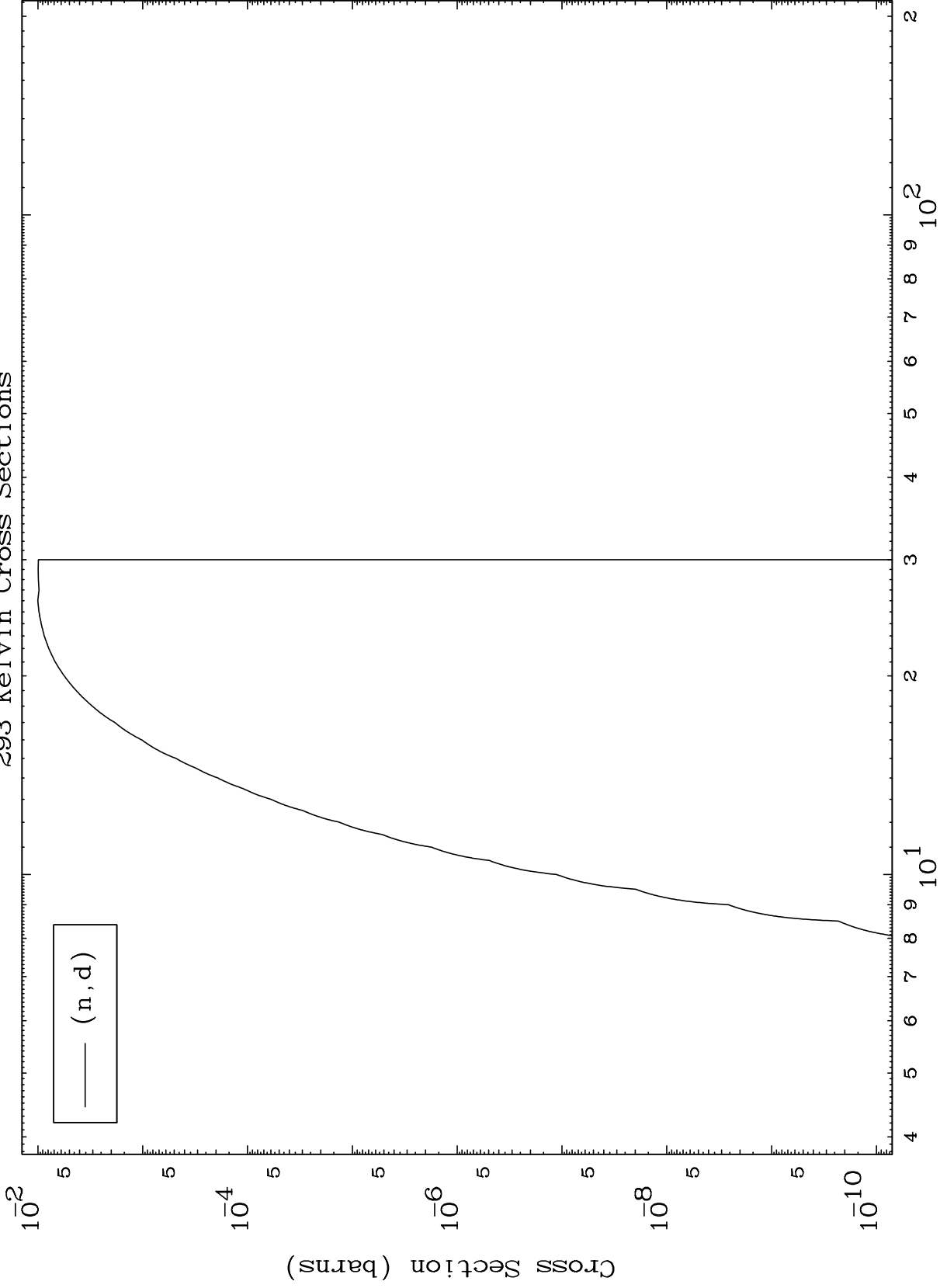
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-177



11

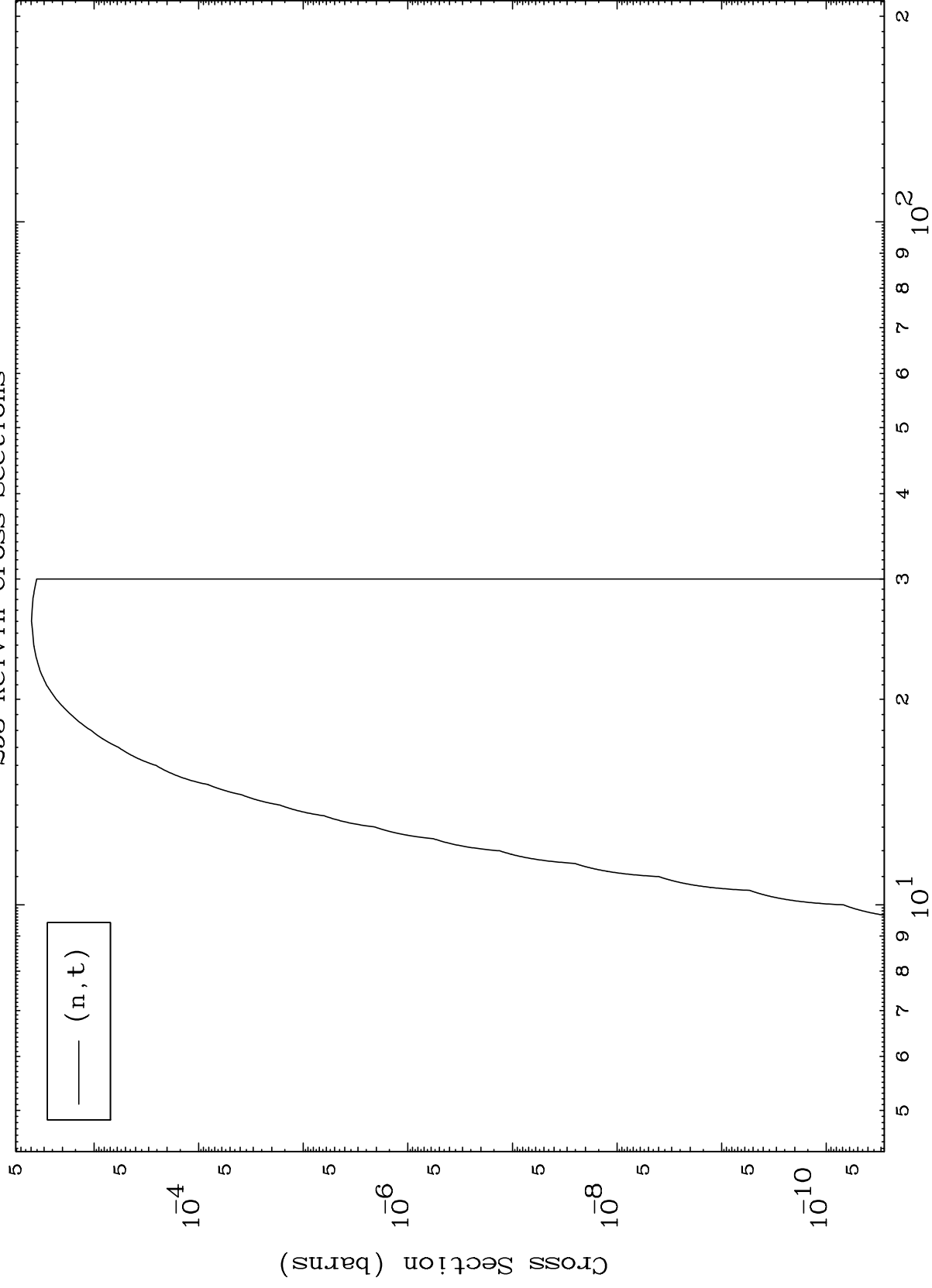
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-177



Incident Energy (MeV)

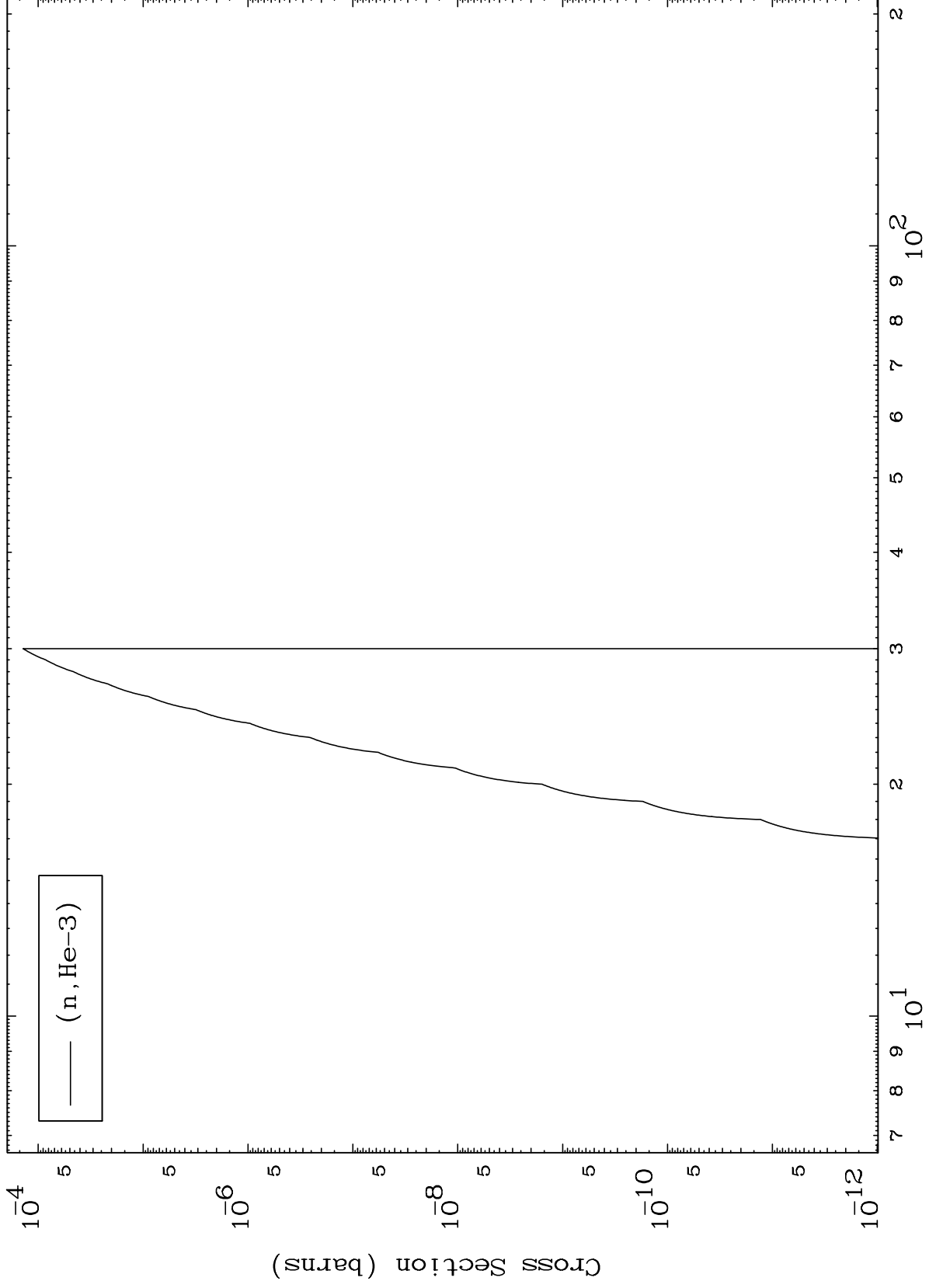
71-Lu-177

12

MAT 7131

(n,He3) Levels  
293 Kelvin Cross Sections

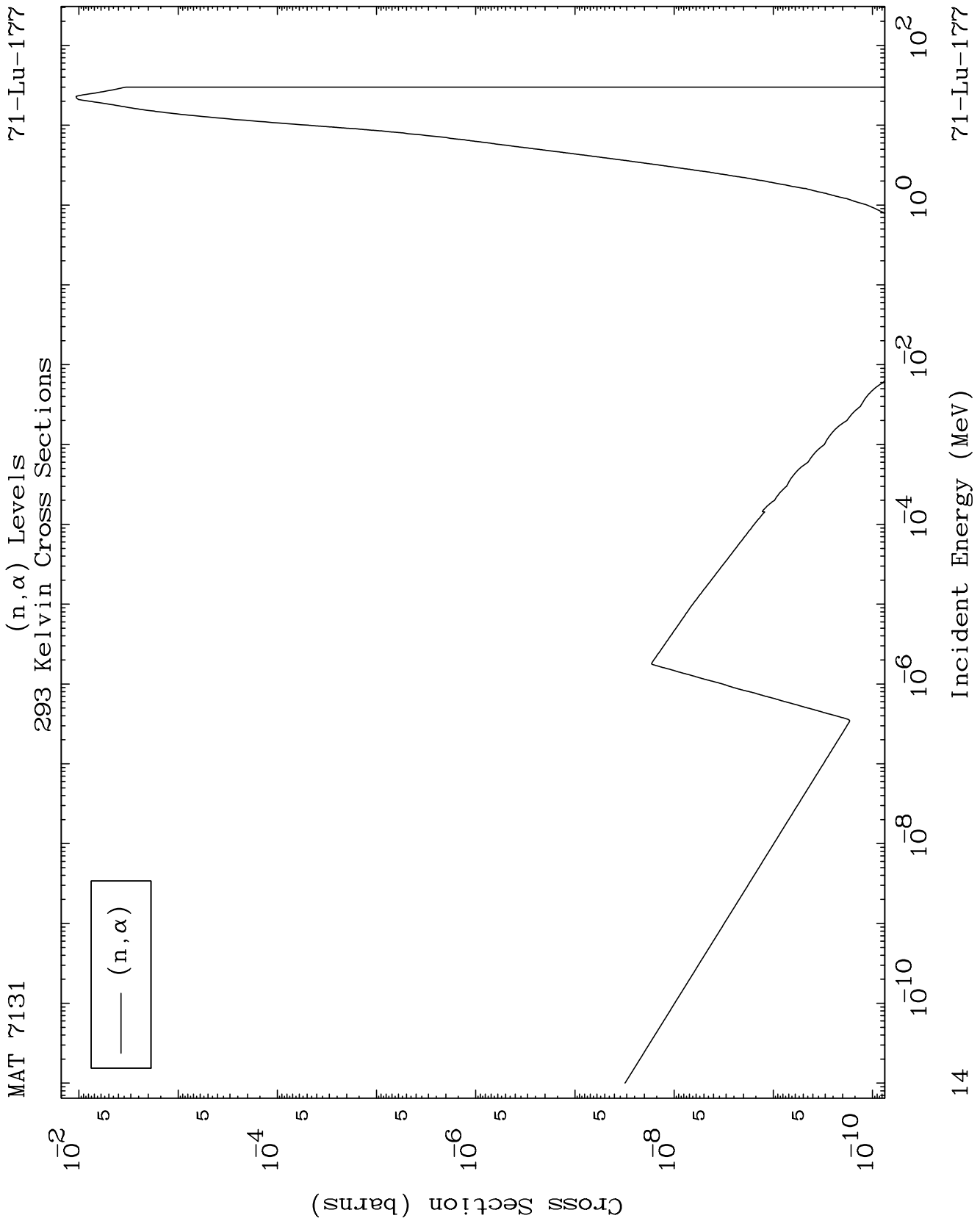
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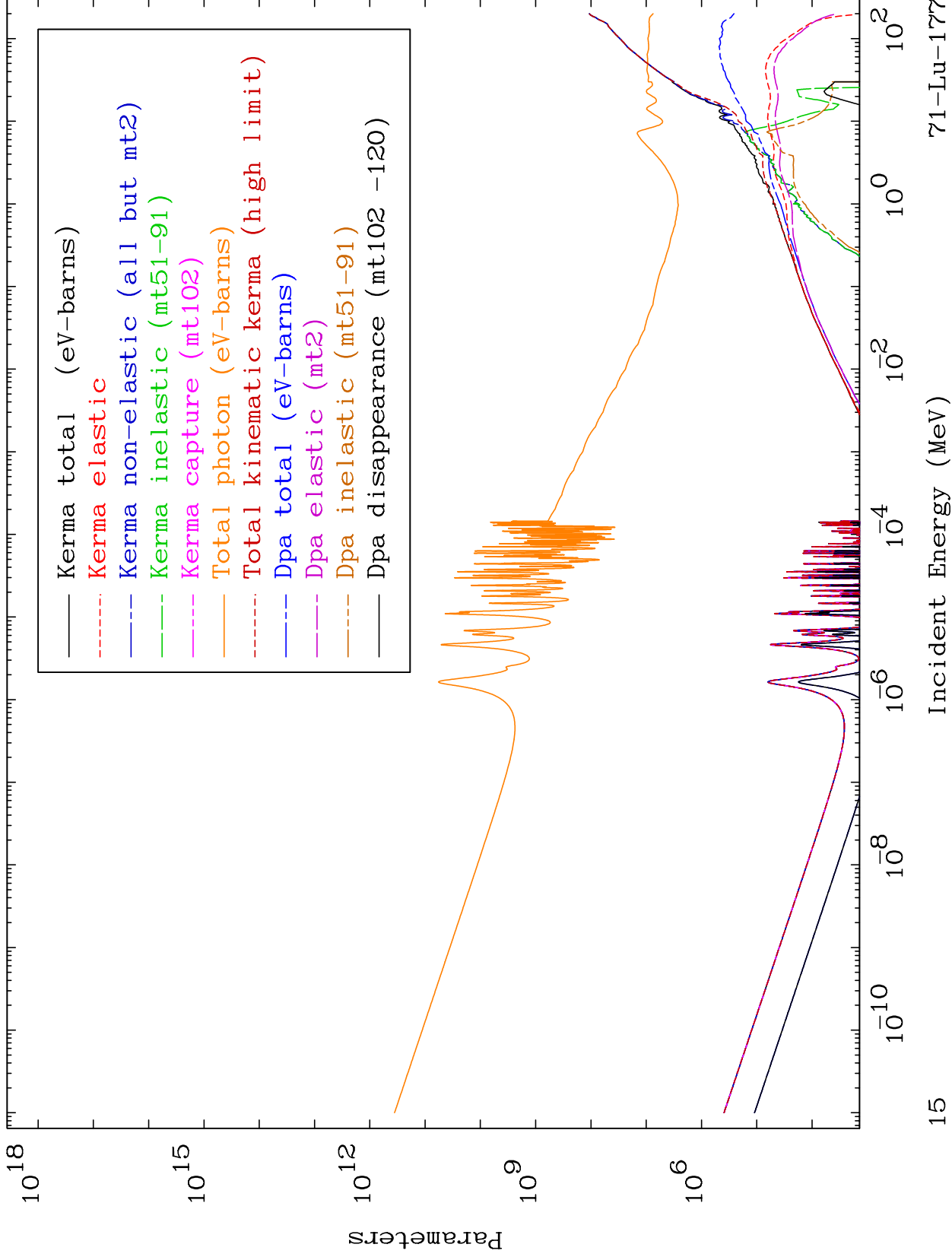


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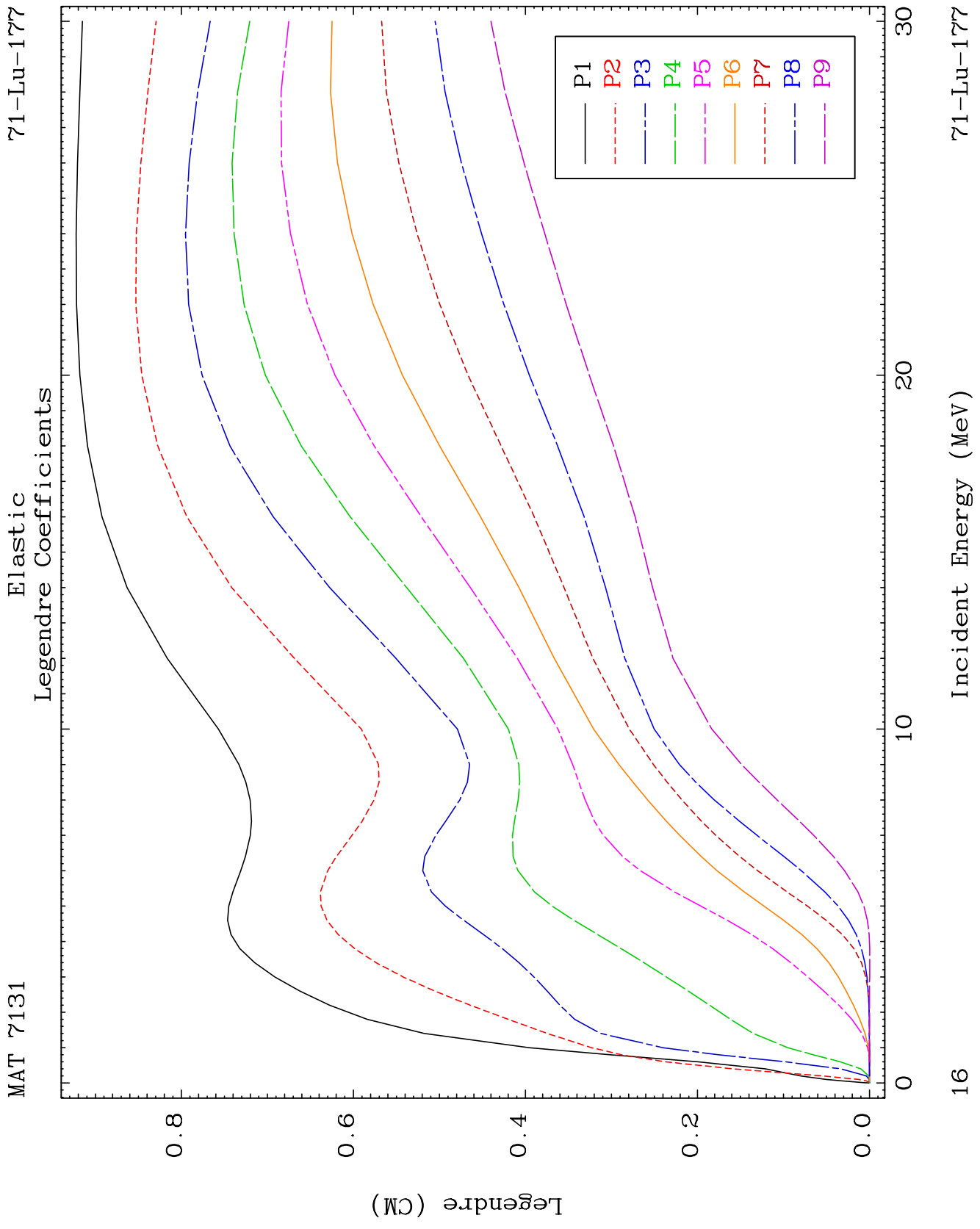
Incident Energy (MeV)

71-Lu-177





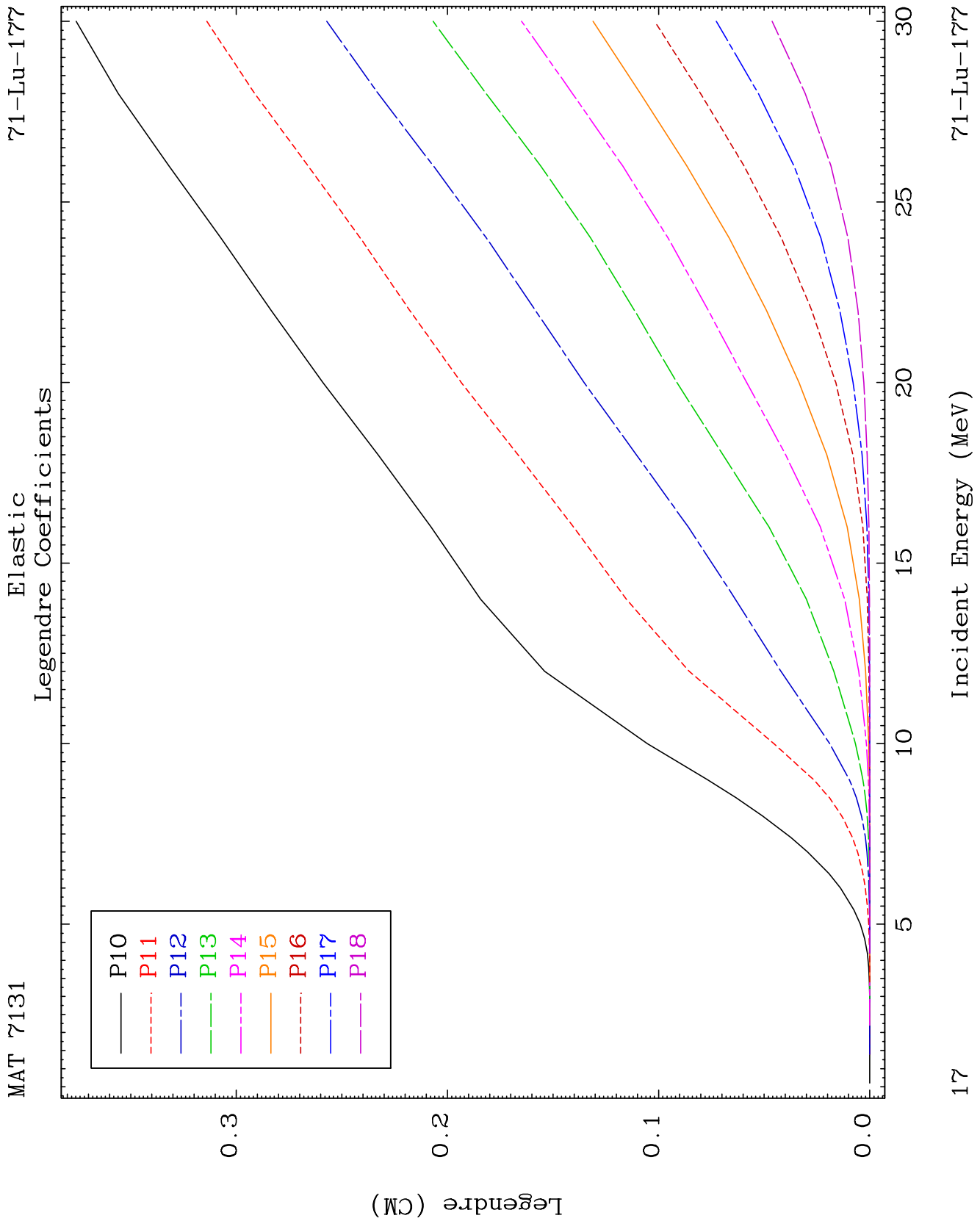




71-Lu-177

Incident Energy (MeV)

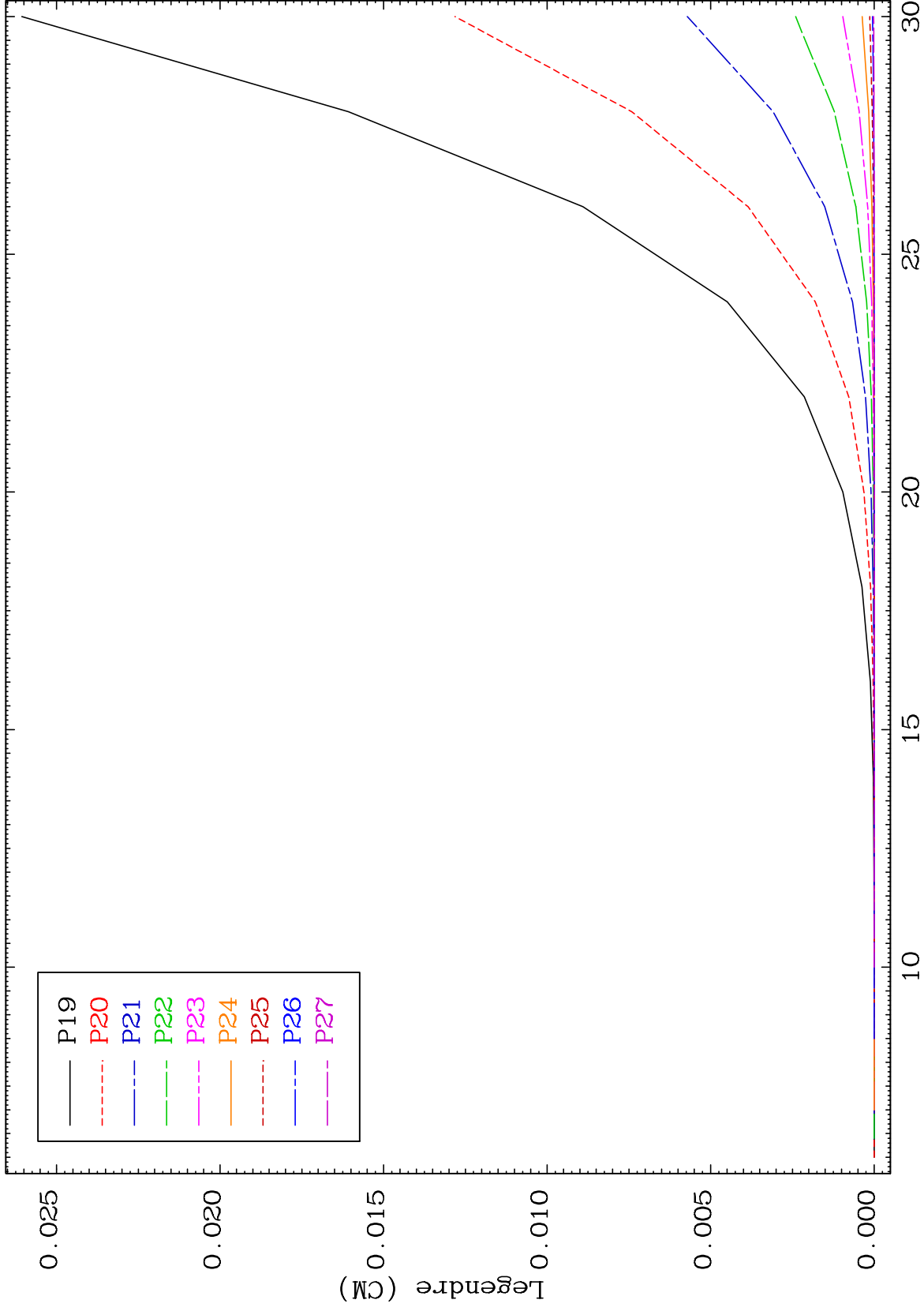
16



MAT 7131

Elastic  
Legendre Coefficients

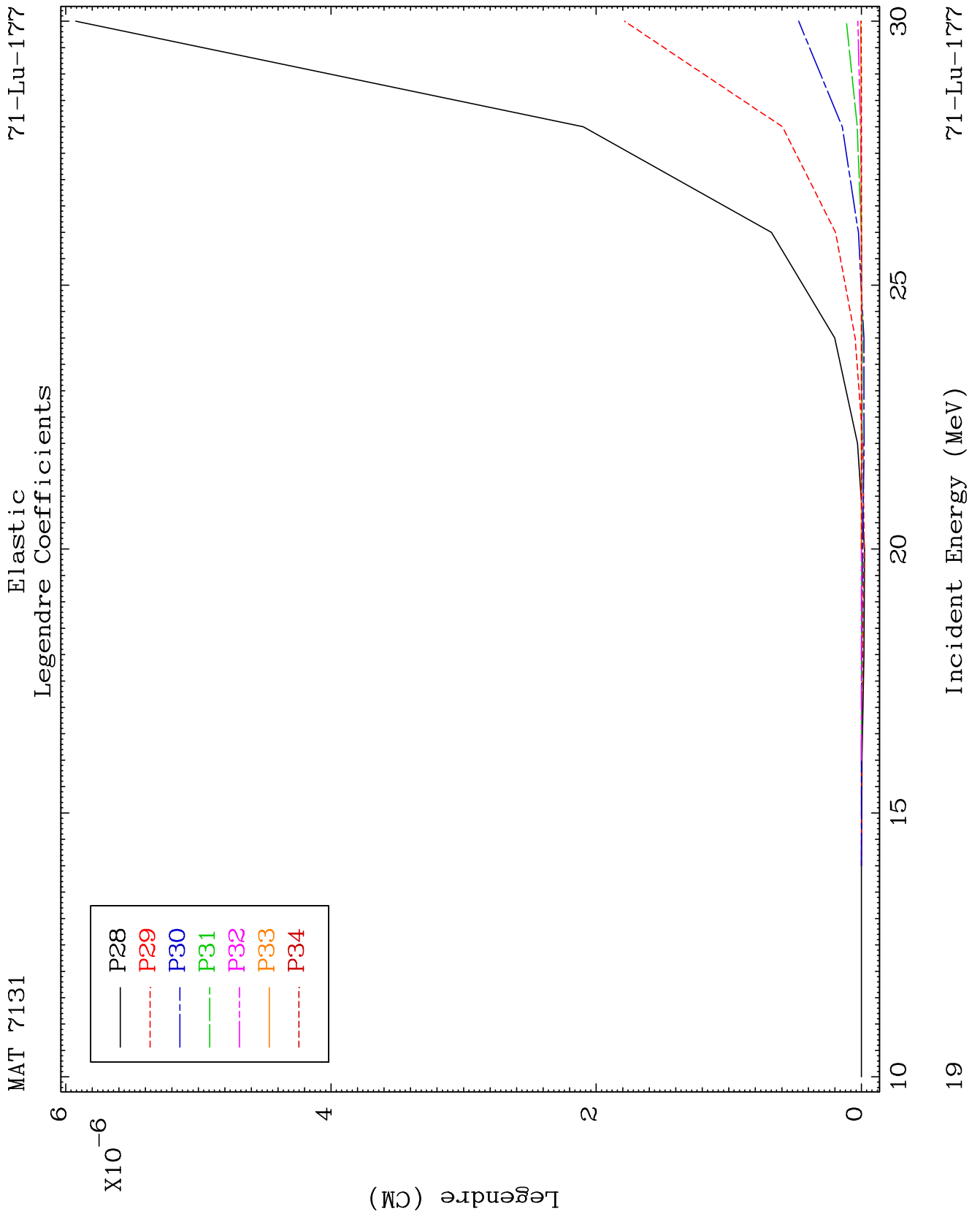
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18

Incident Energy (MeV)

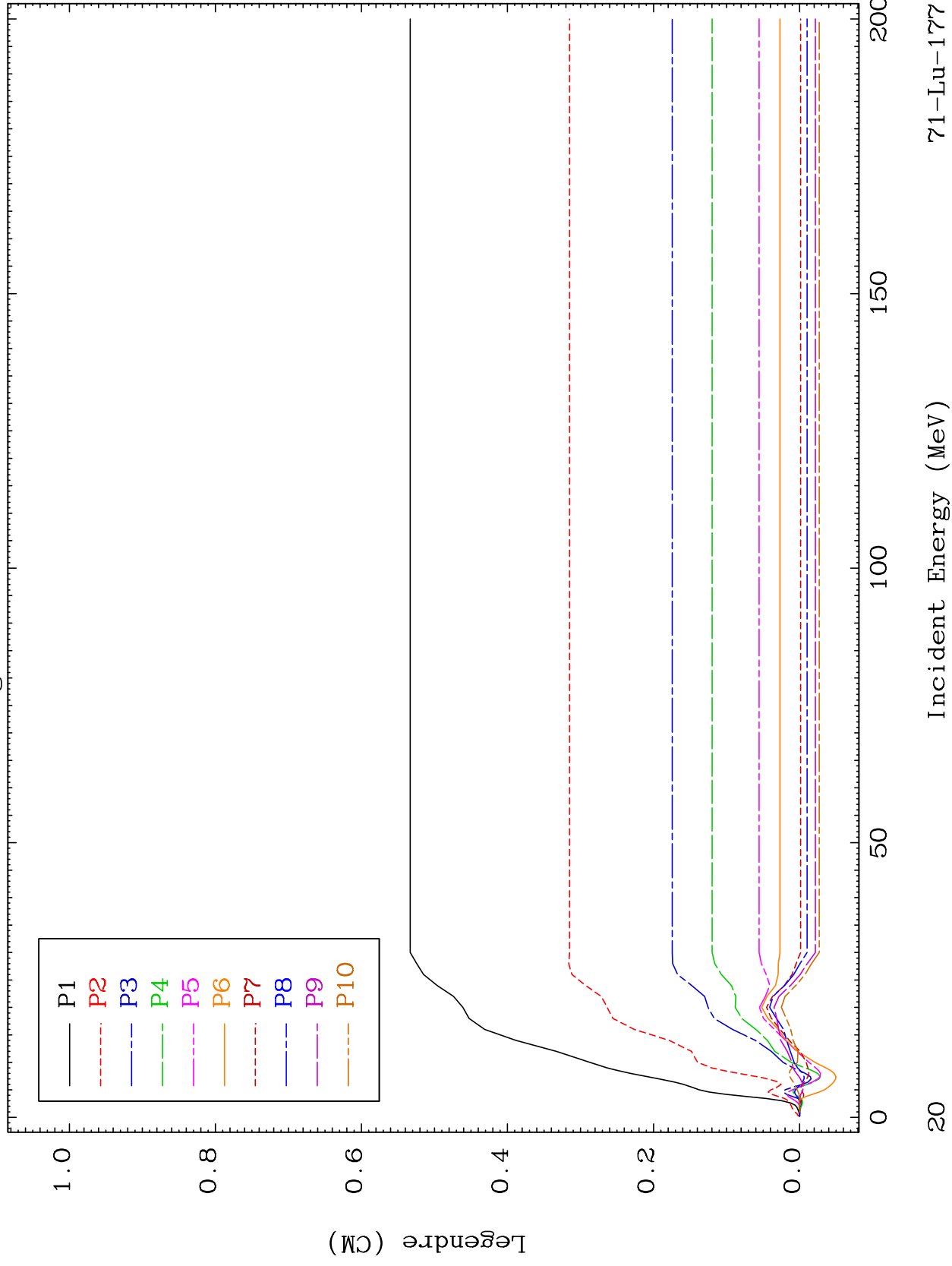
71-Lu-177



MAT 7131

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

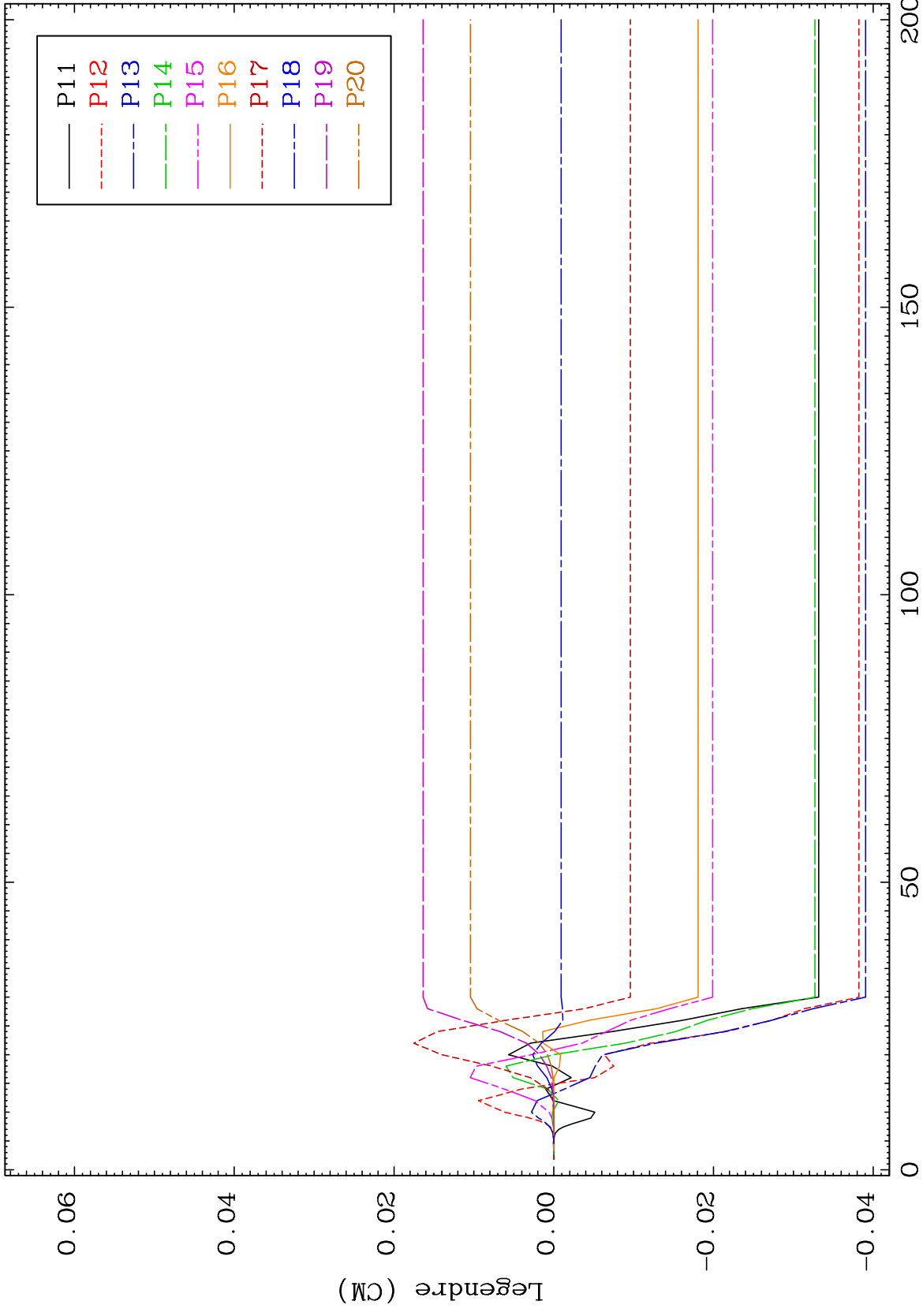
71-Lu-177



MAT 7131

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

71-Lu-177



21

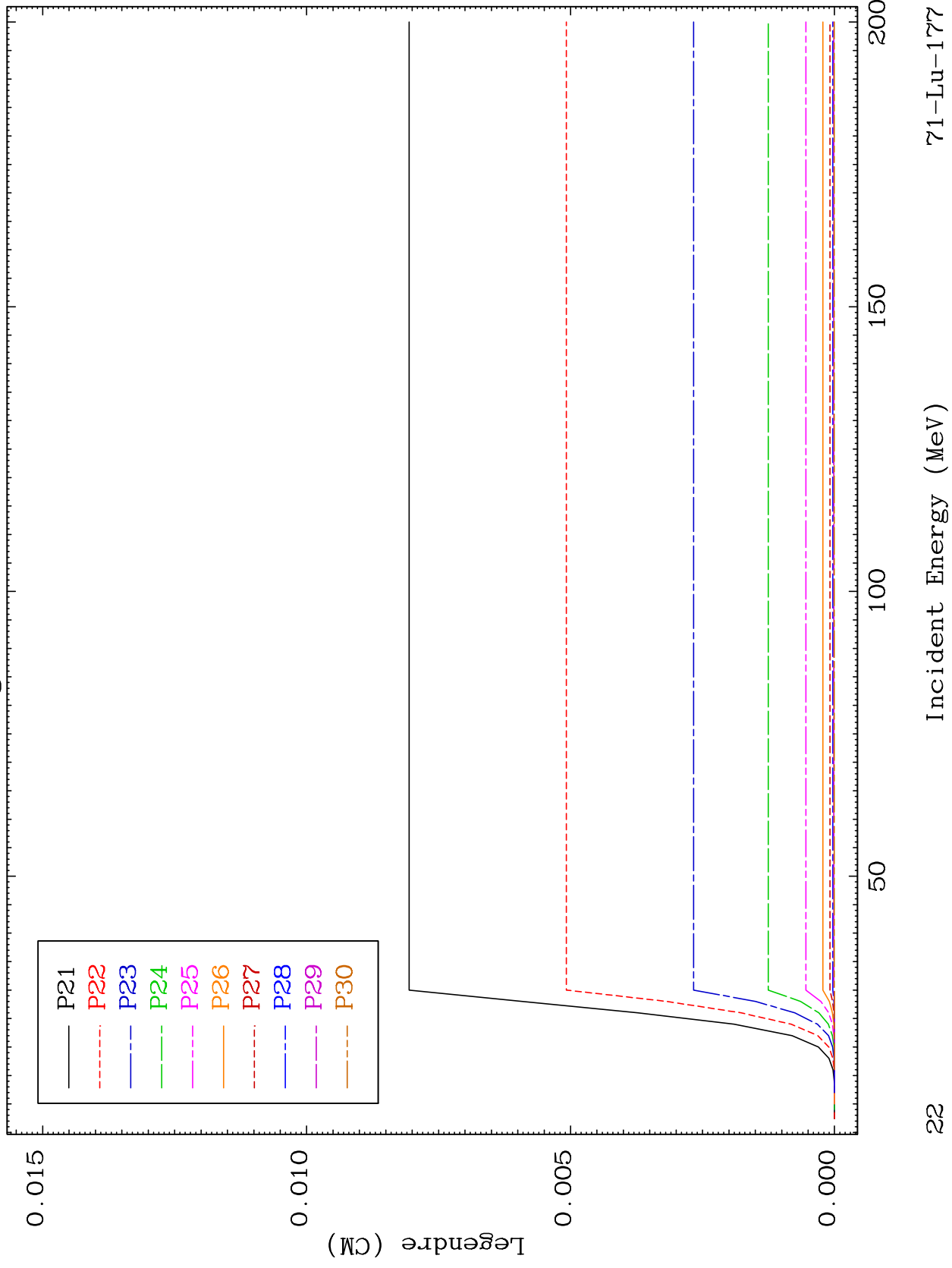
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

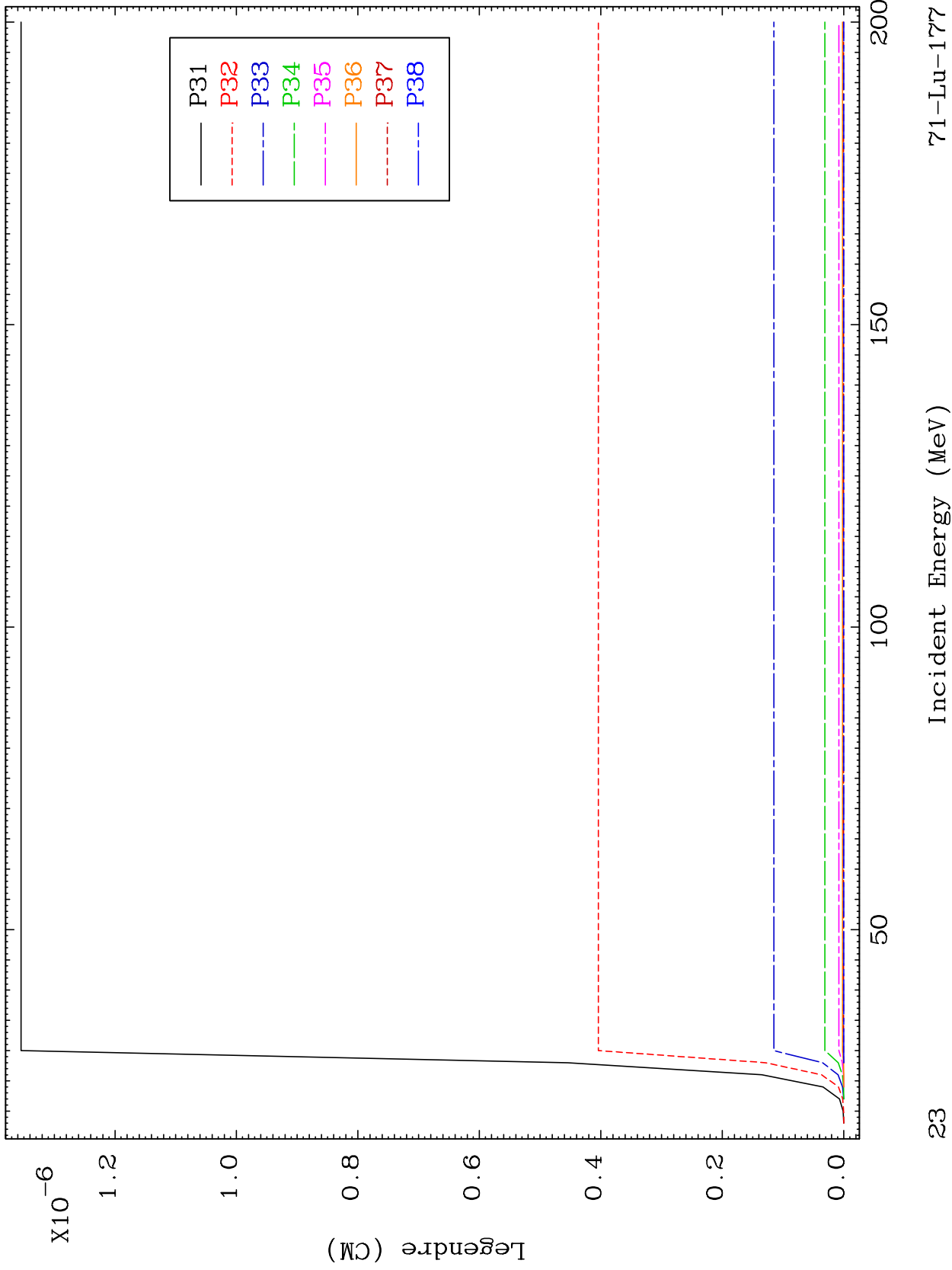
71-Lu-177



22

Incident Energy (MeV)

71-Lu-177

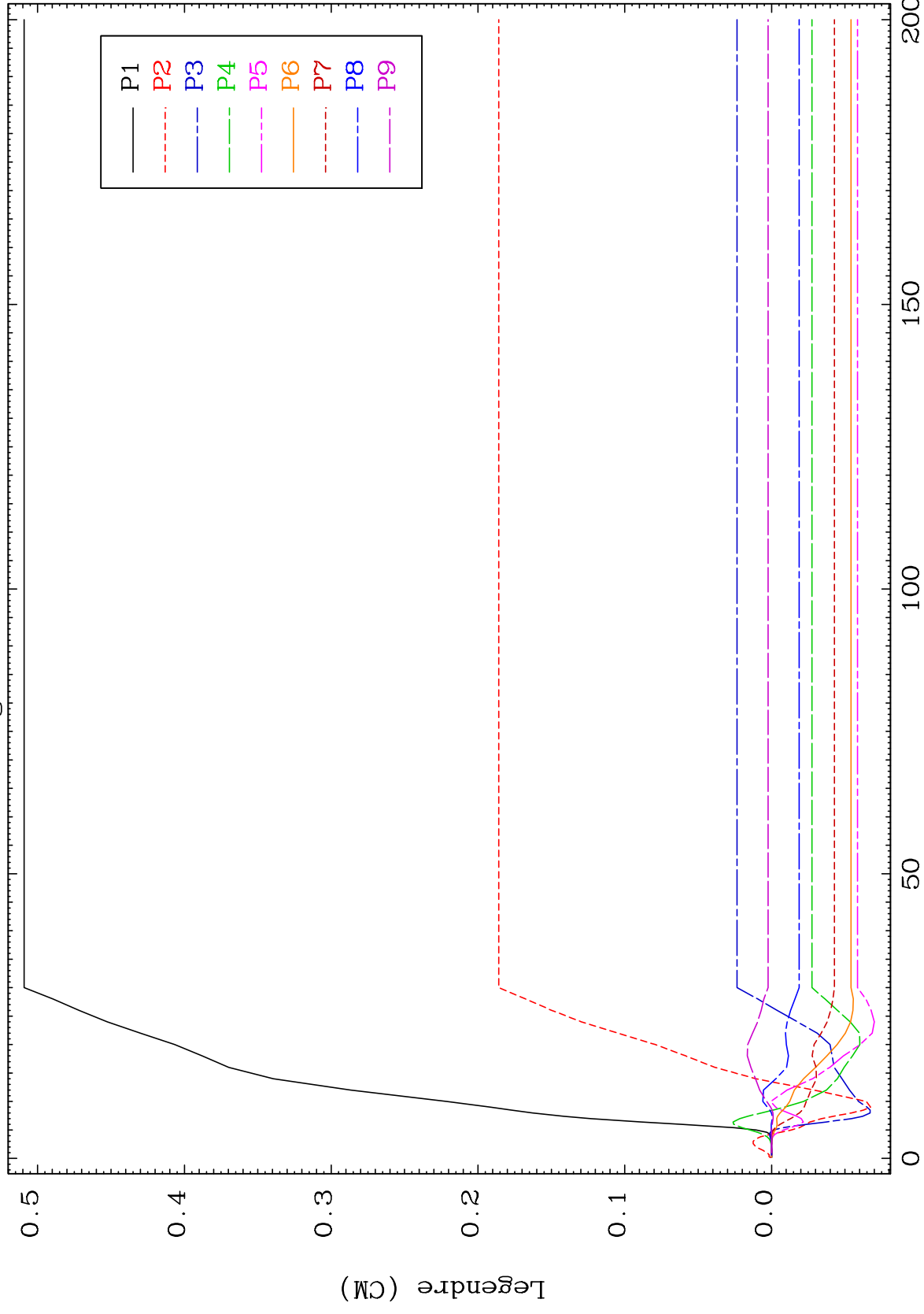




MAT 7131

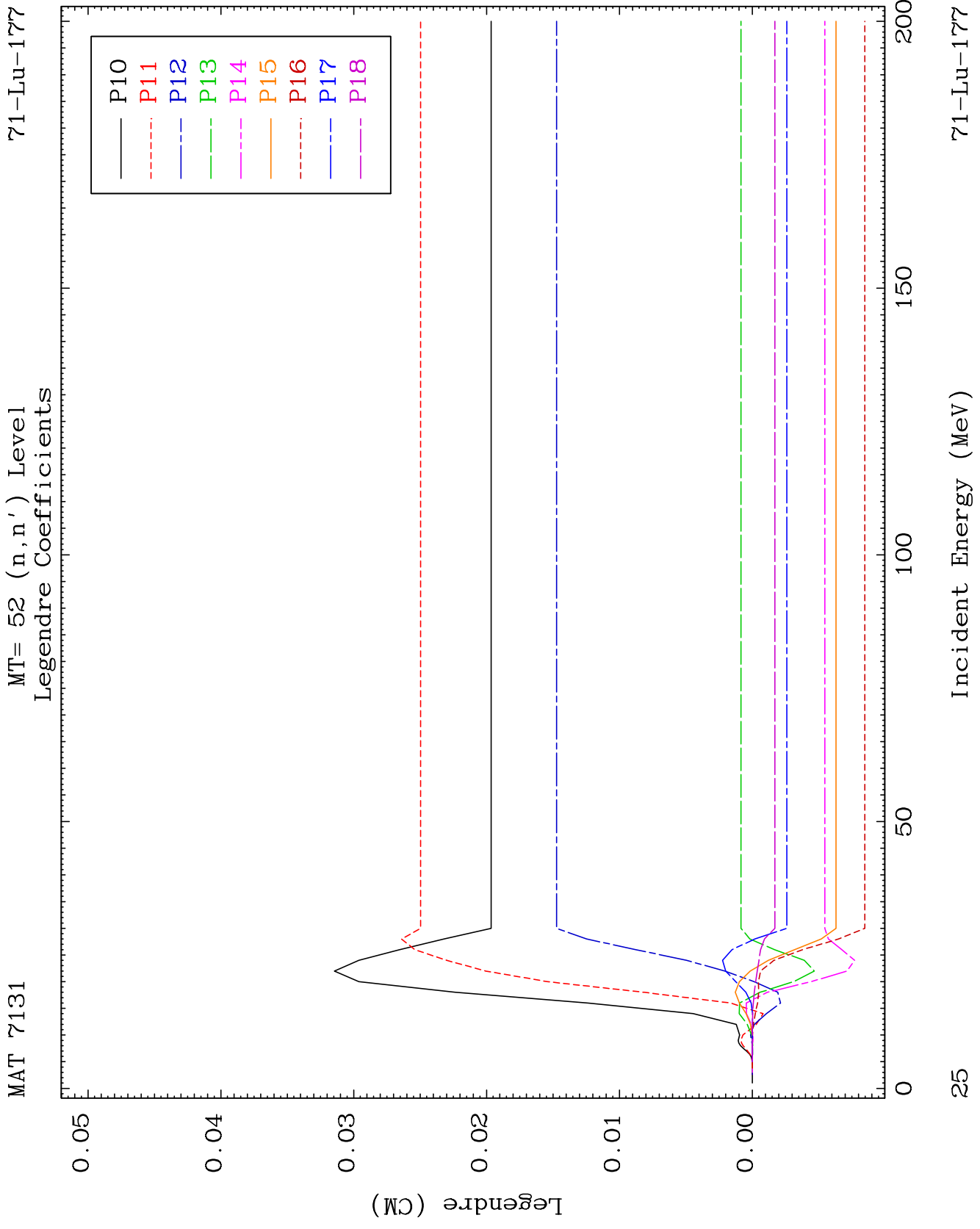
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Legendre Coefficients

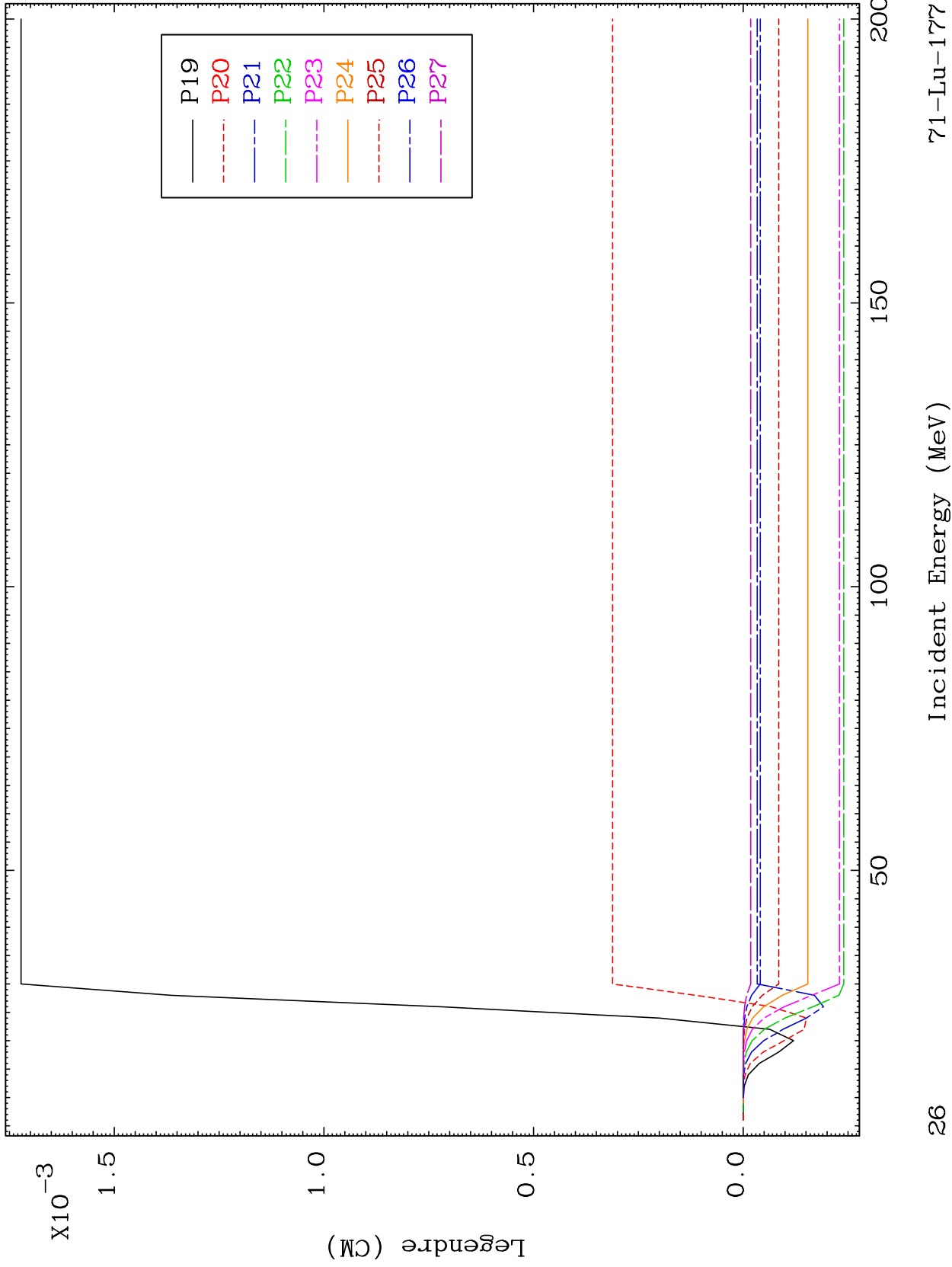
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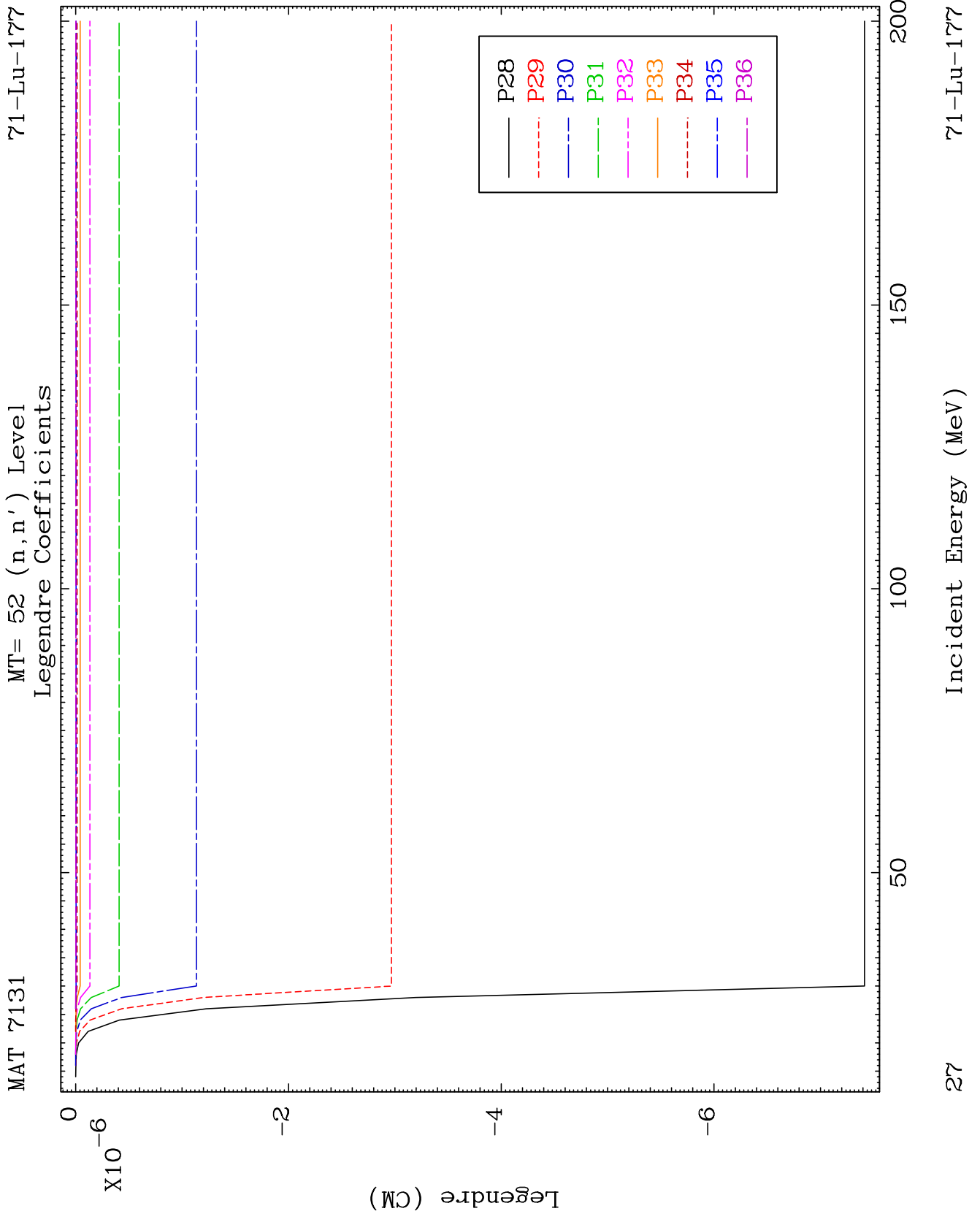


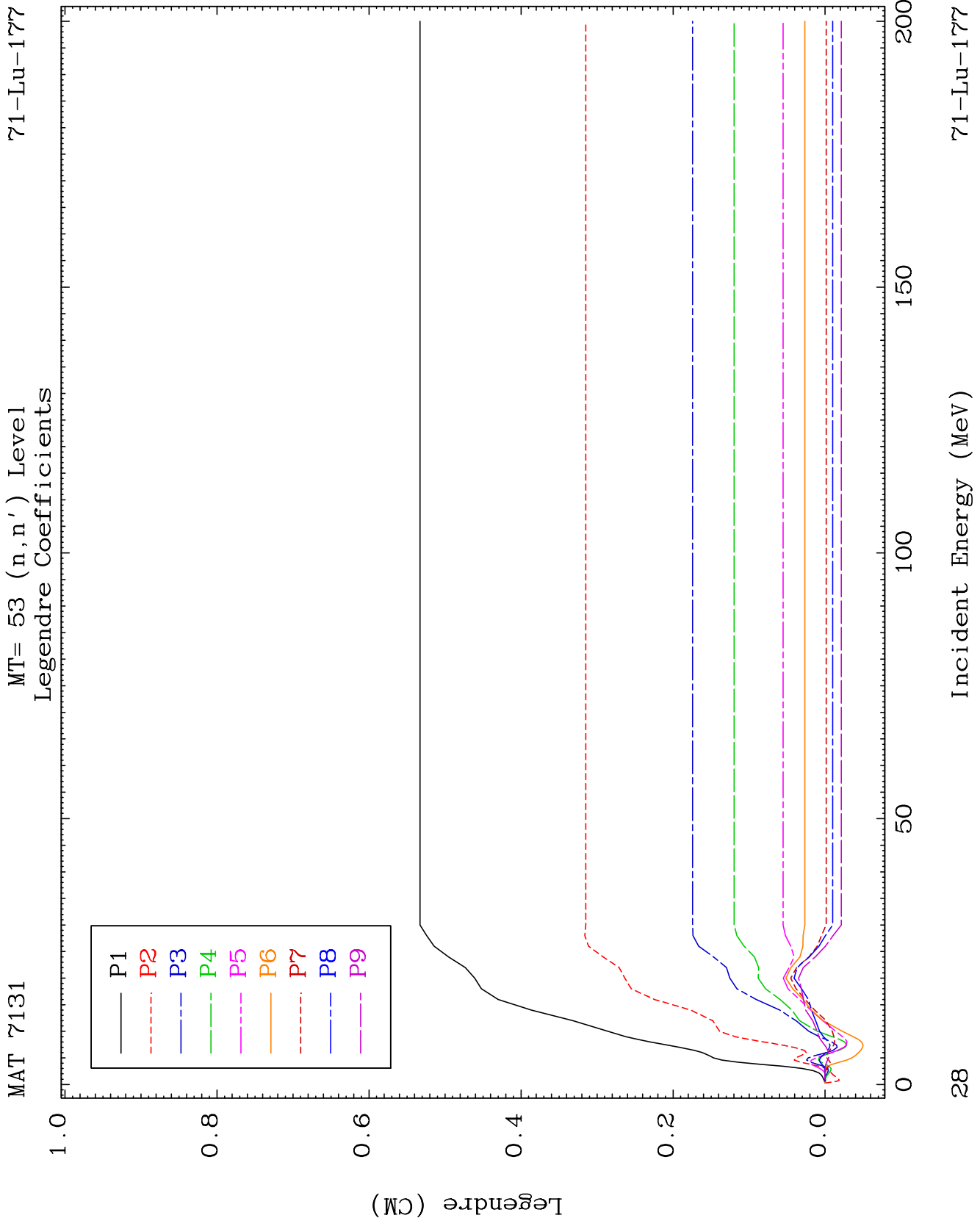
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71-Lu-177





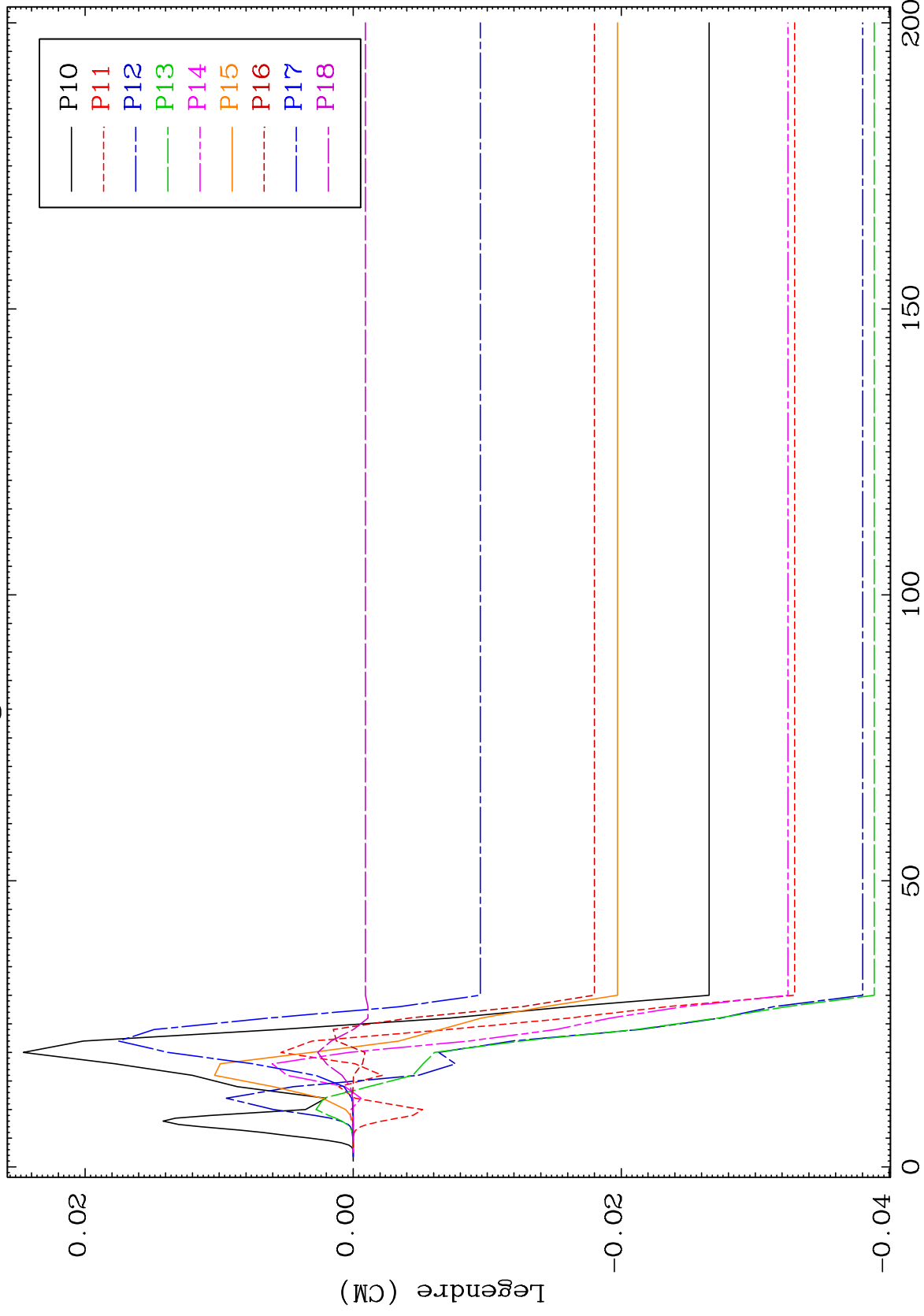




MAT 7131

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

71-Lu-177



29

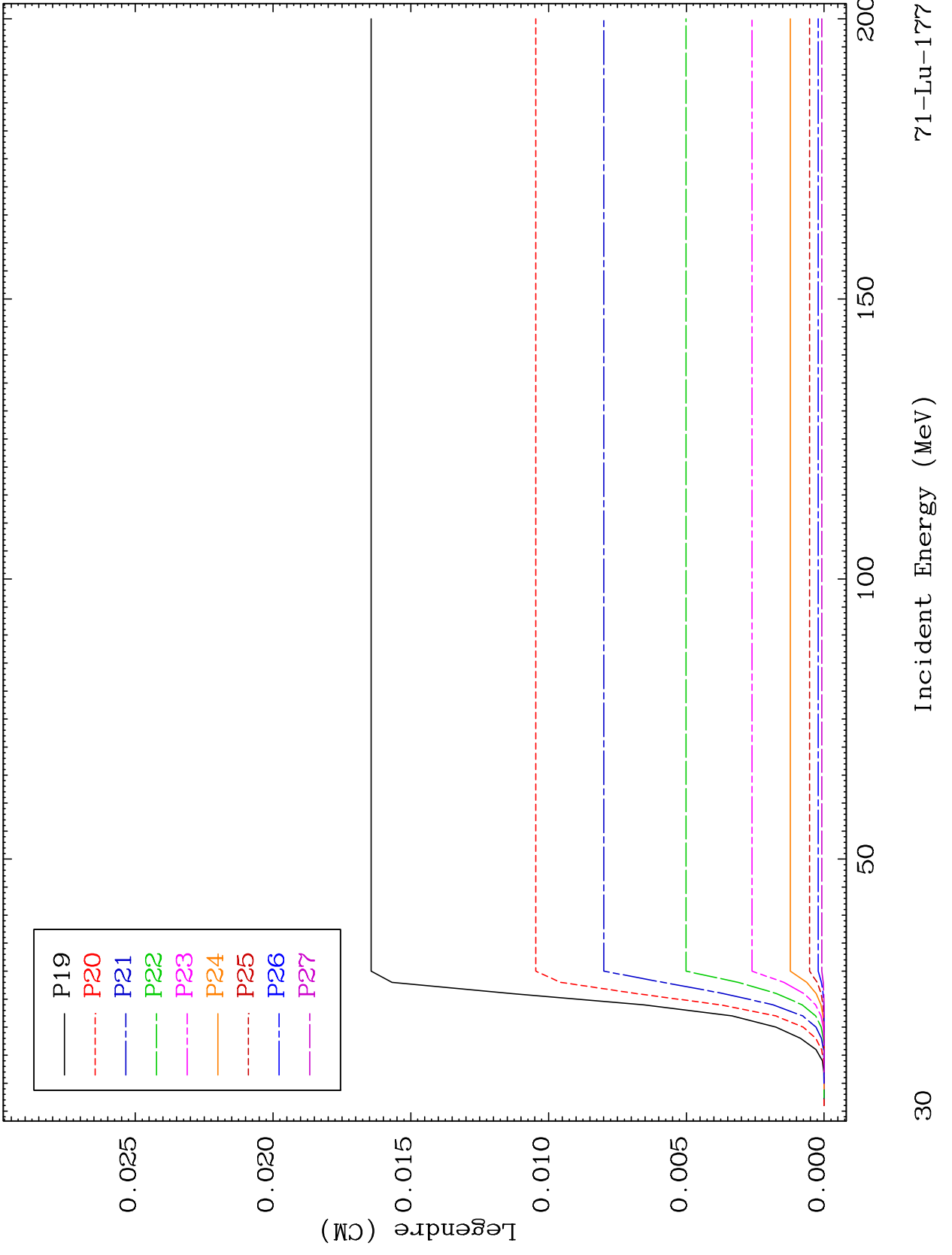
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

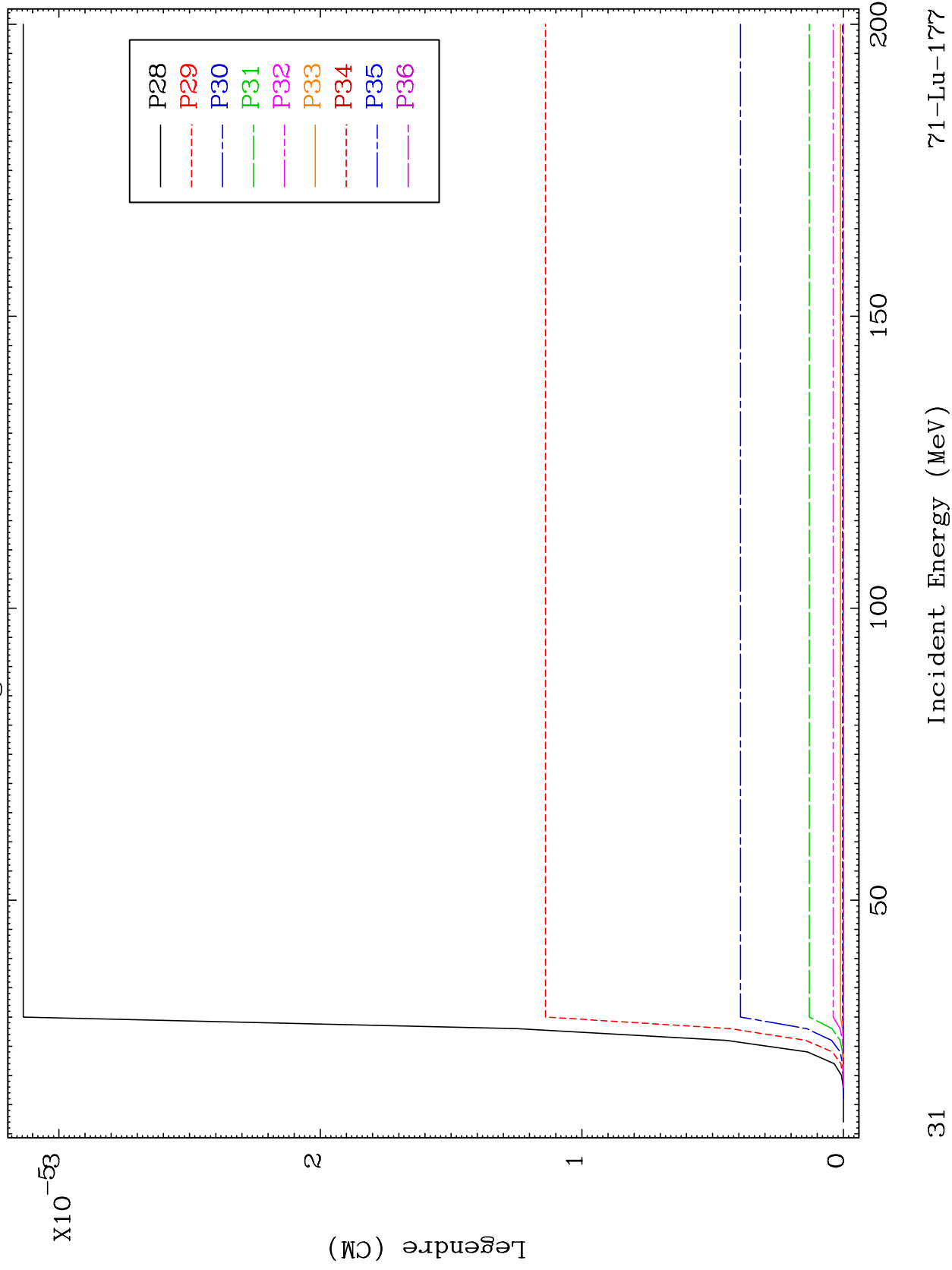
Incident Energy (MeV)

30

MAT 7131

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

71-Lu-177



31

Incident Energy (MeV)

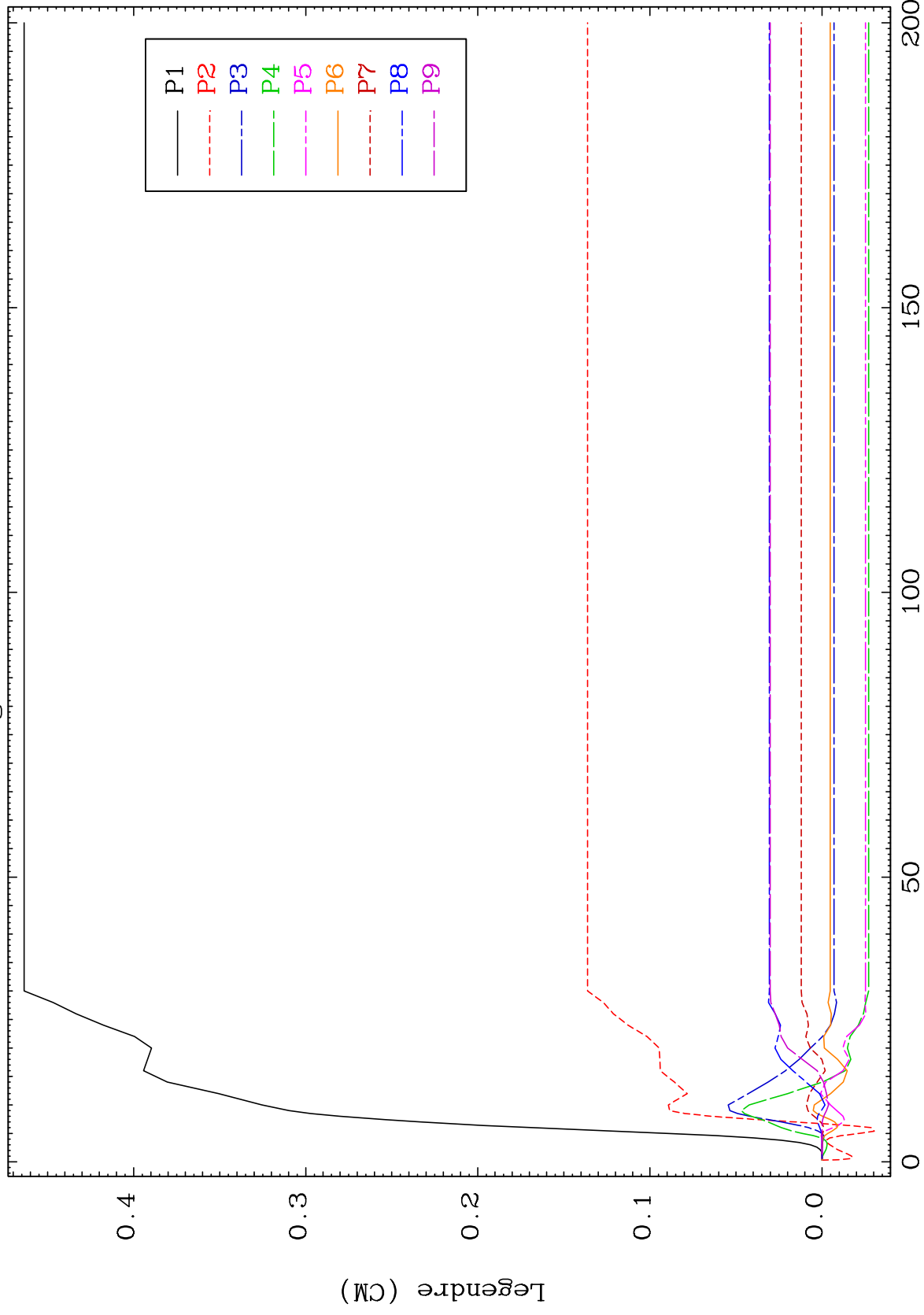
71-Lu-177



MAT 7131

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

71-Lu-177



32

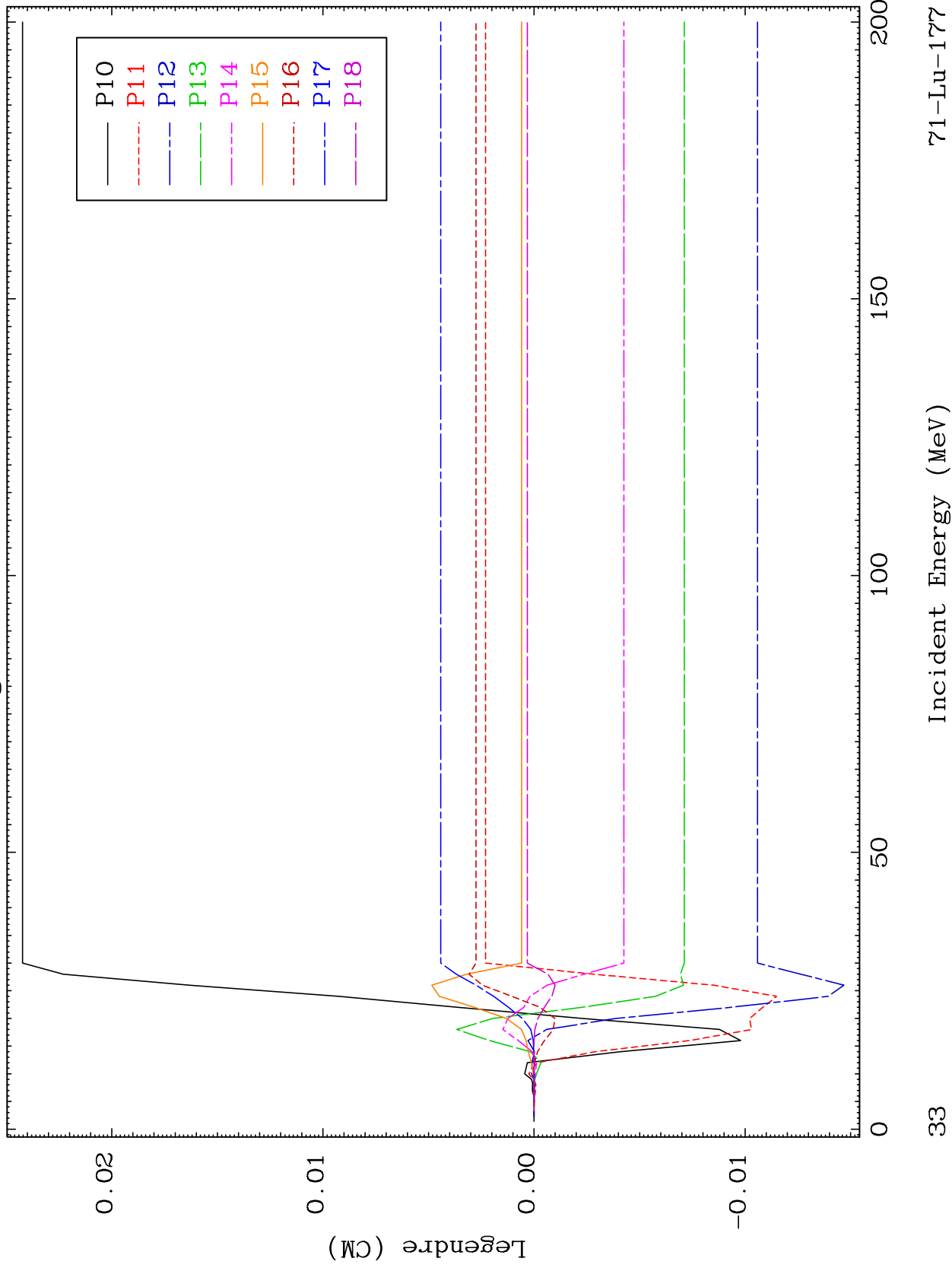
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



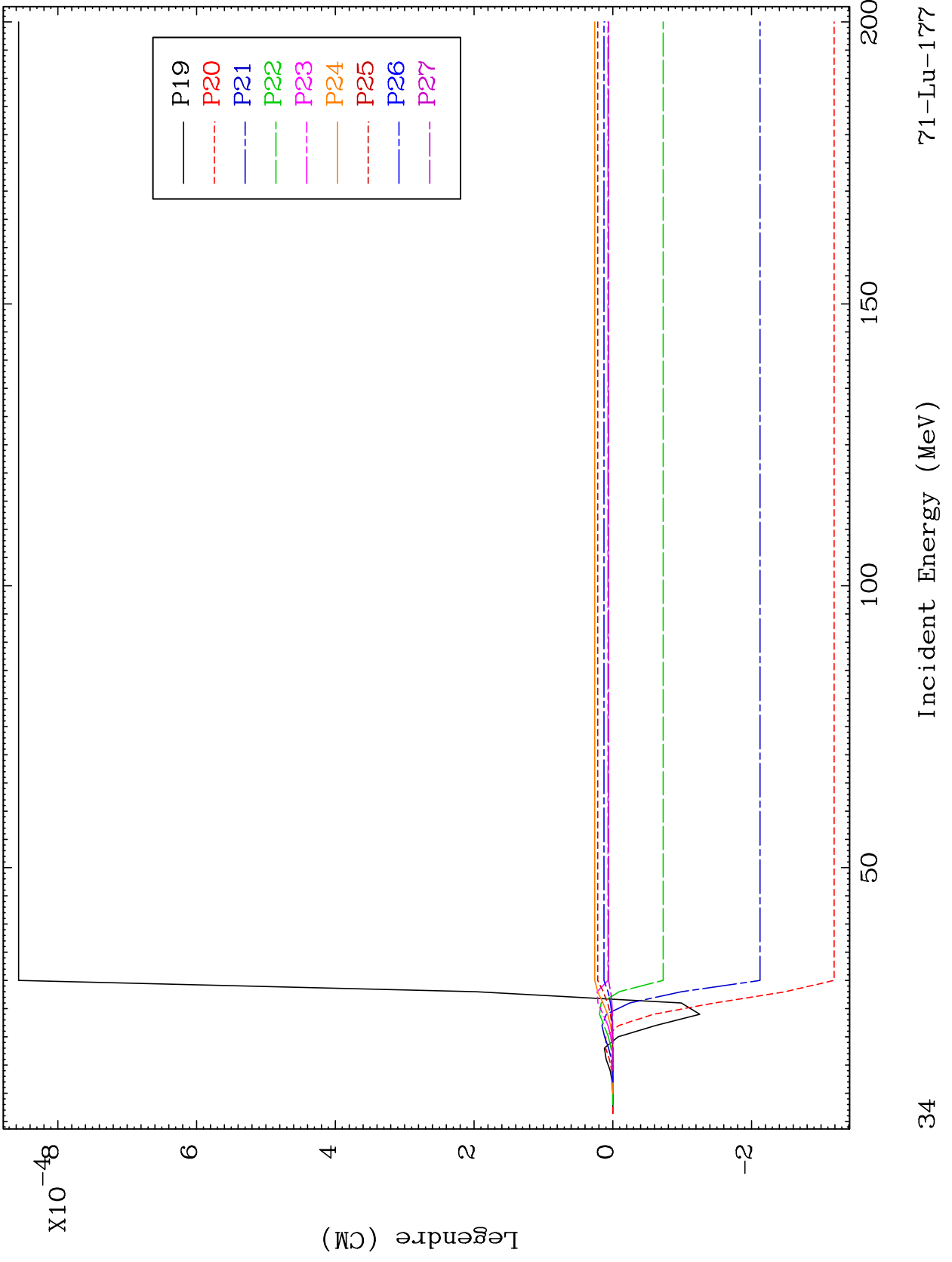
71-Lu-177

Incident Energy (MeV)

MAT 7131

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

71-Lu-177



34

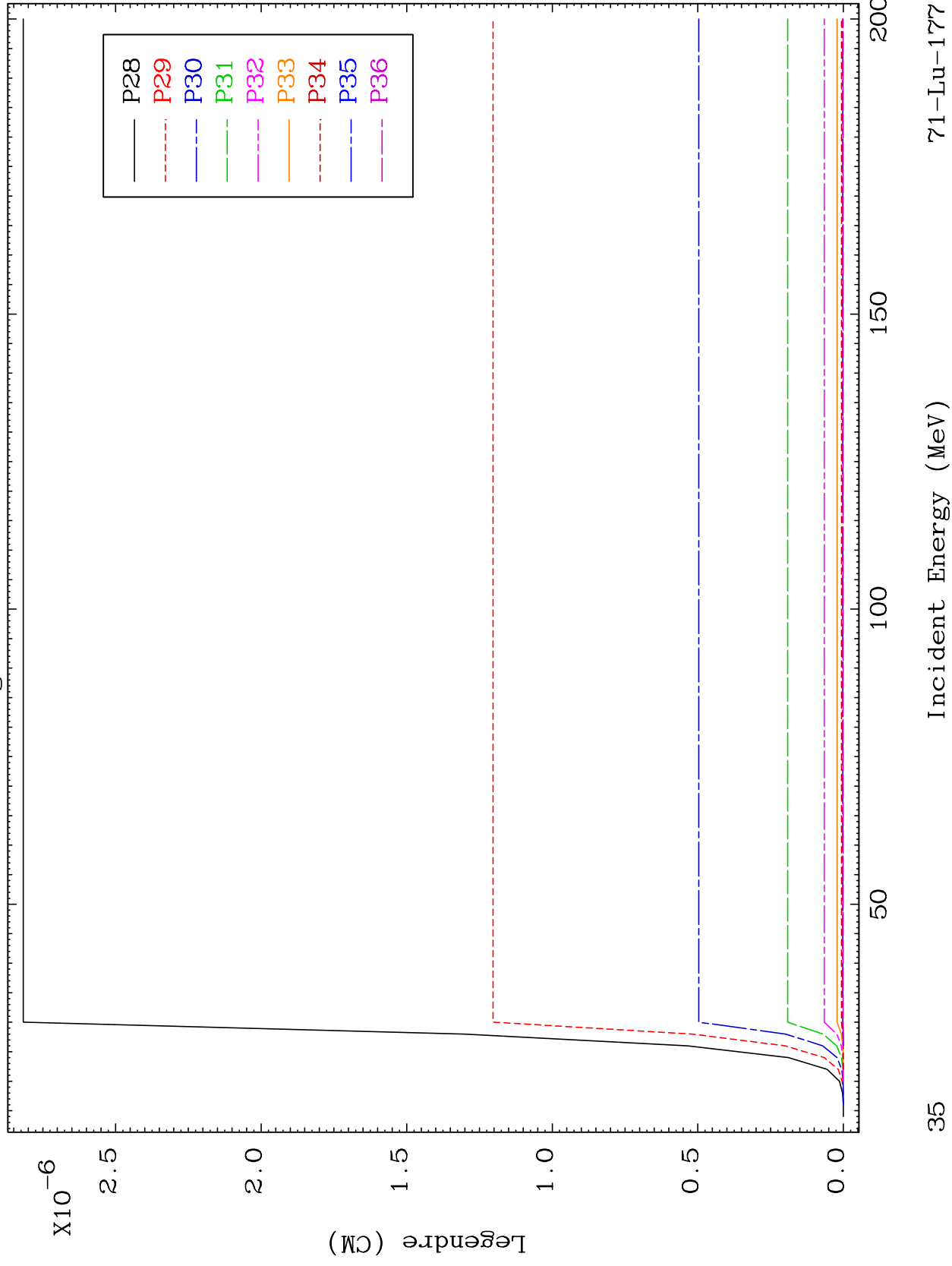
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



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Incident Energy (MeV)

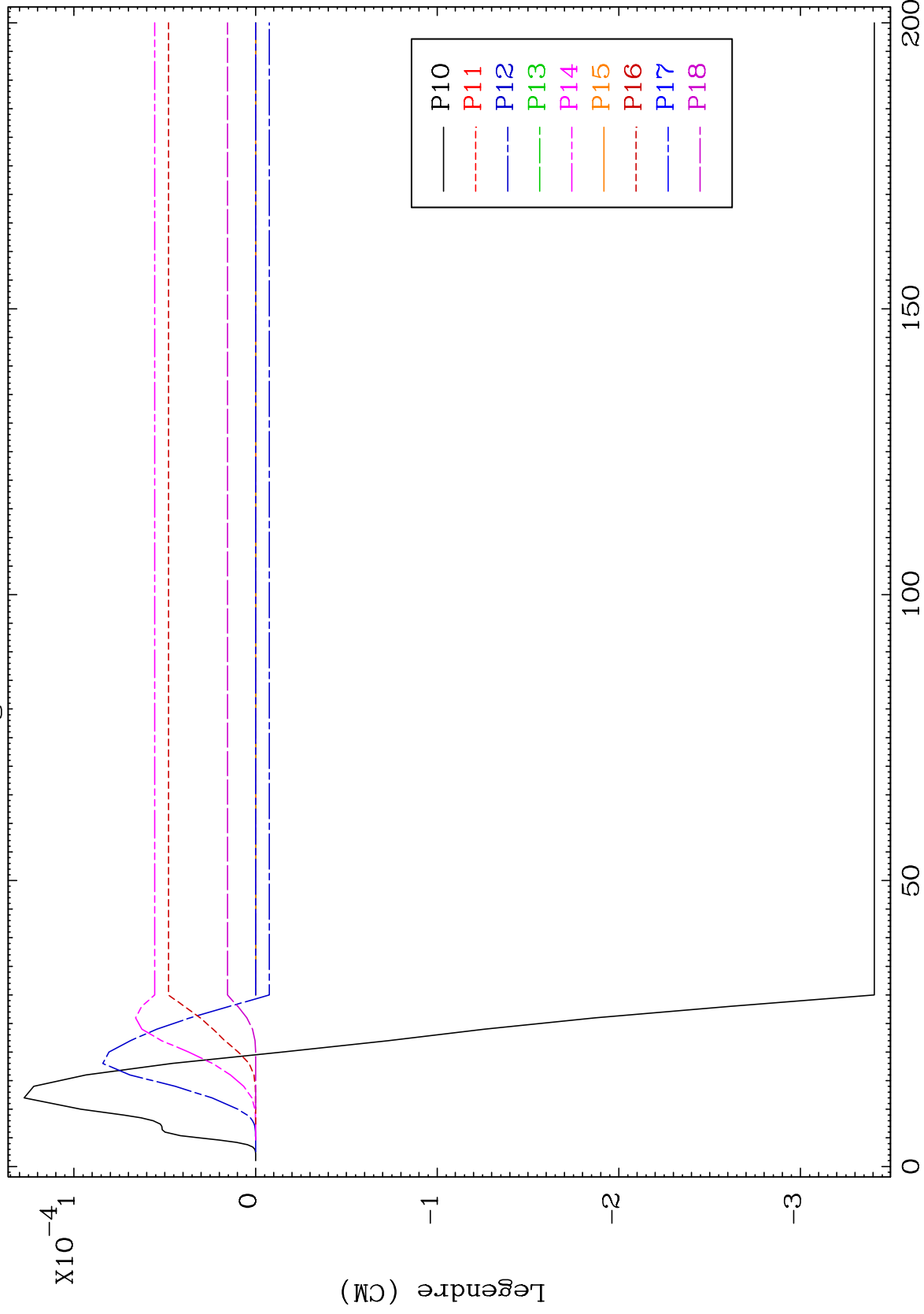
71-Lu-177



MAT 7131

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

71-Lu-177

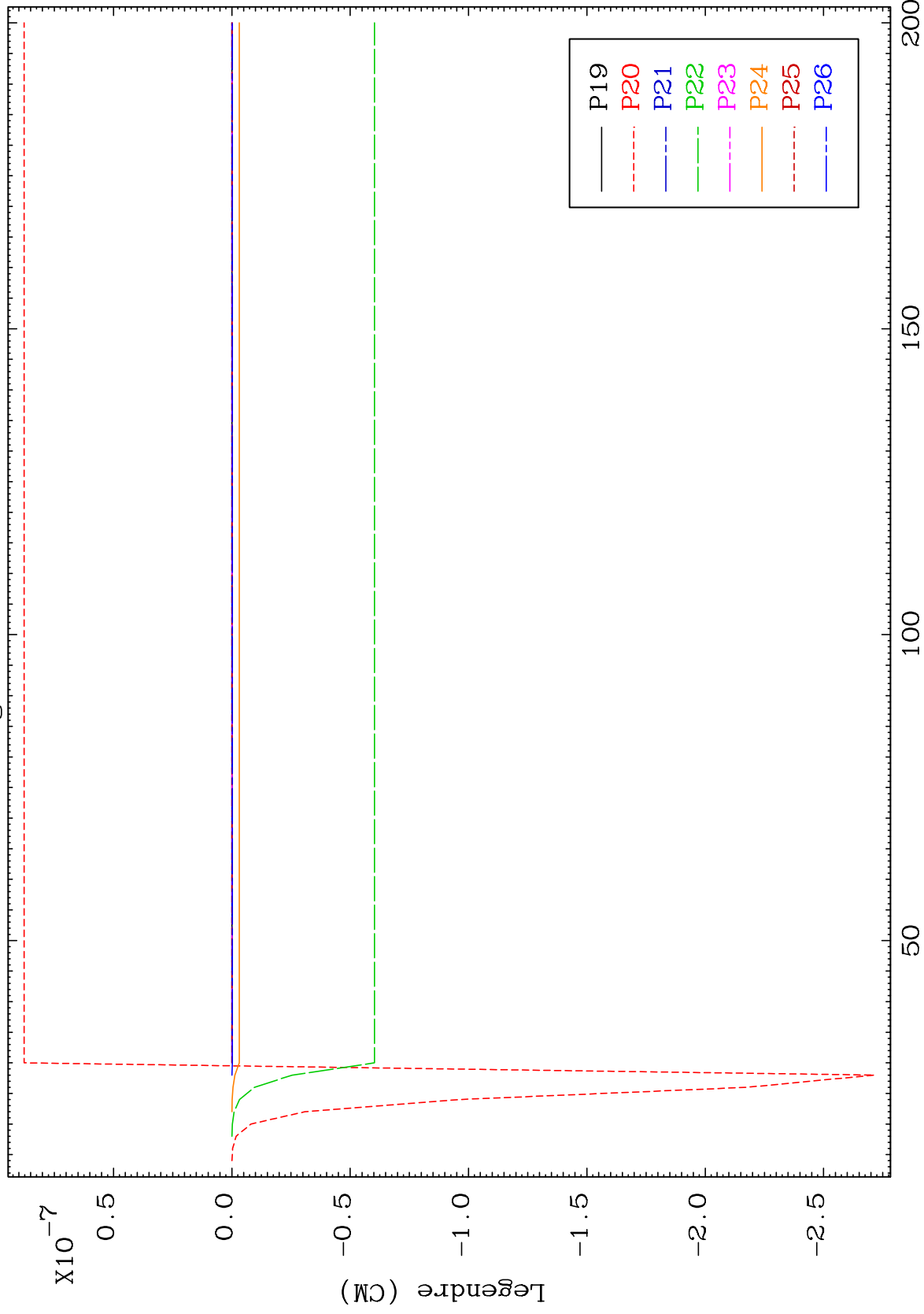


37

Incident Energy (MeV)

71-Lu-177

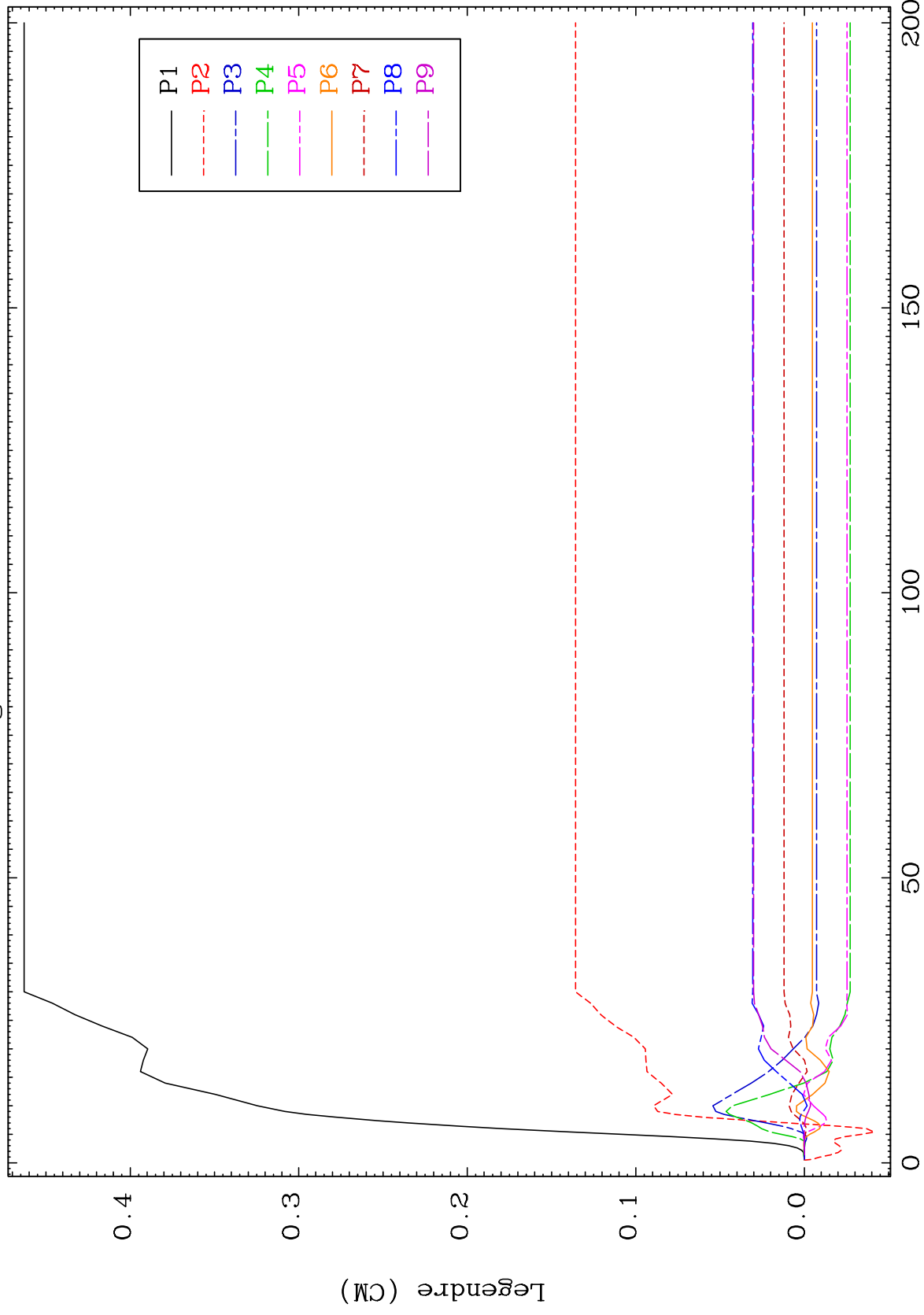
MT= 55 (n,n') Level  
Legendre Coefficients



MAT 7131

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

71-Lu-177



39

Incident Energy (MeV)

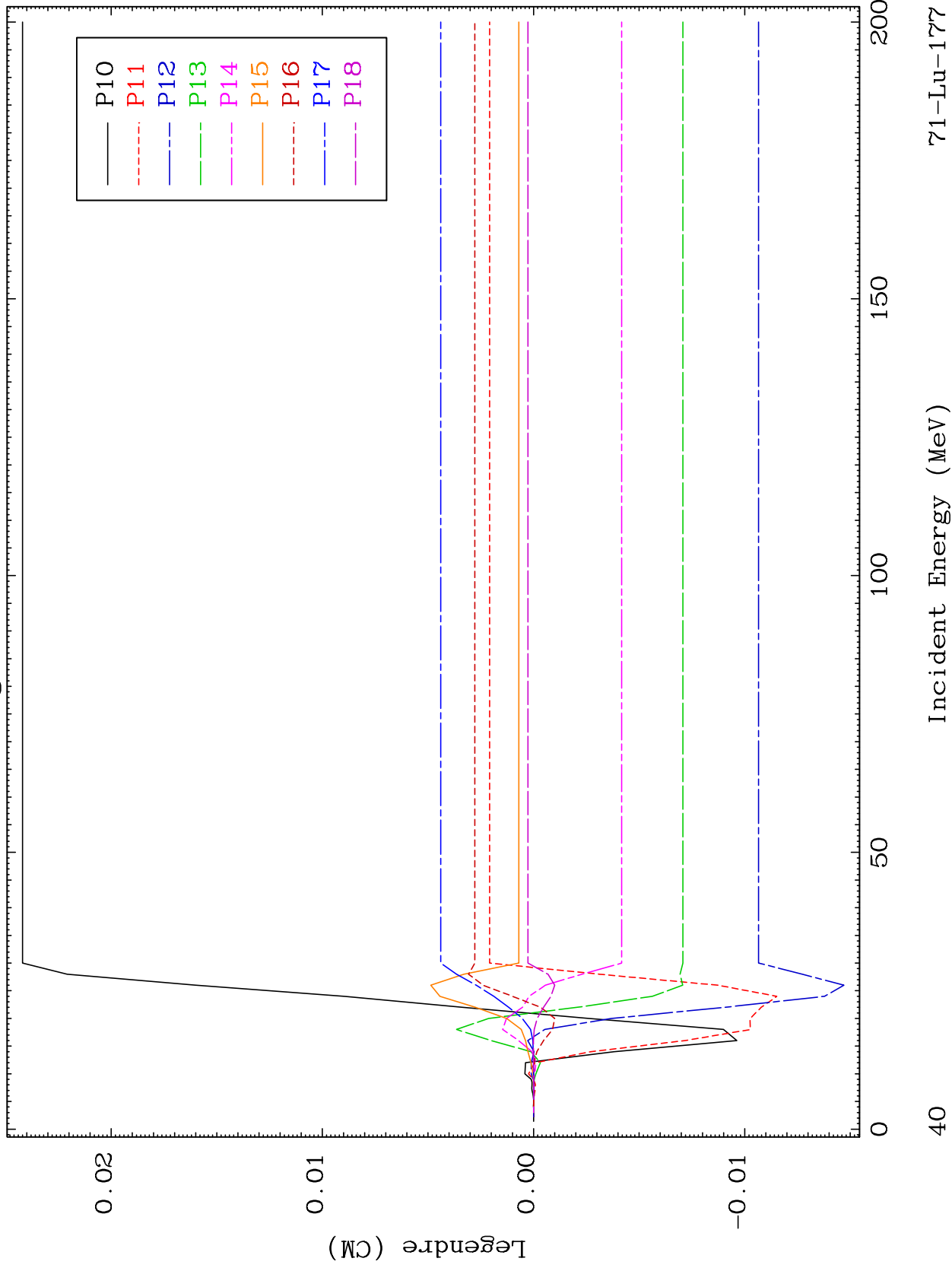
71-Lu-177



MAT 7131

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

71-Lu-177



71-Lu-177

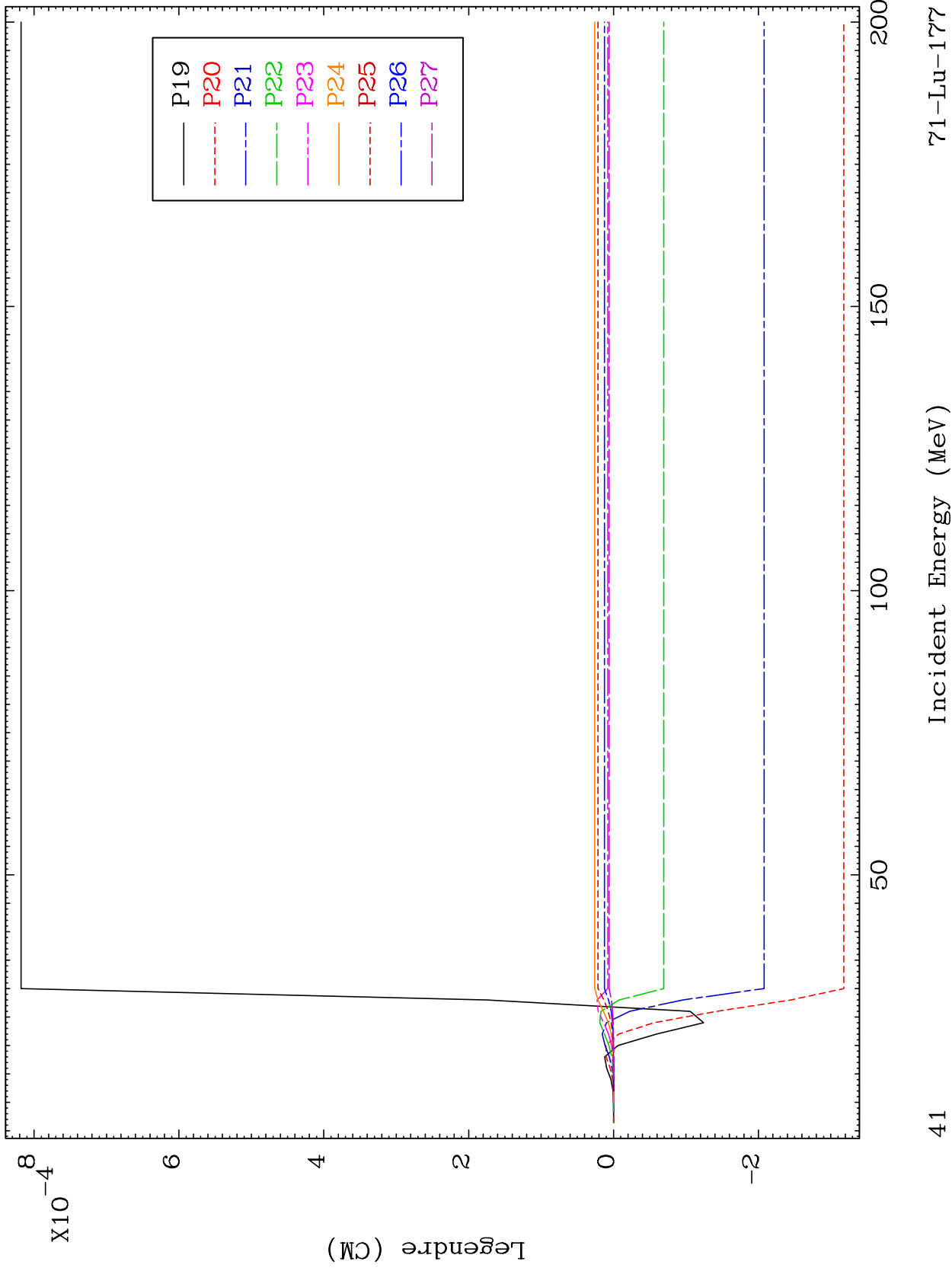
Incident Energy (MeV)

40

MAT 7131

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

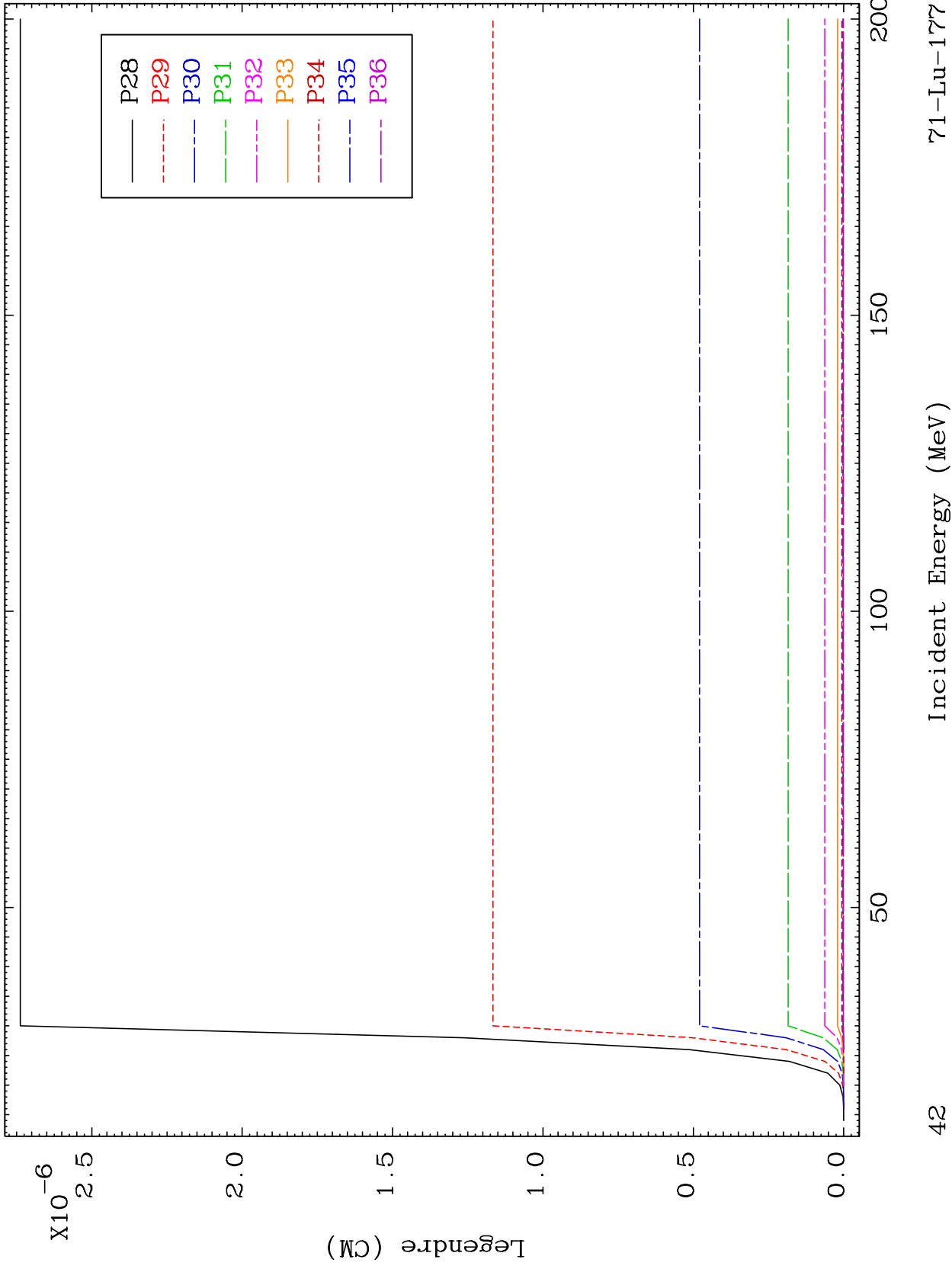
71-Lu-177



MAT 7131

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

71-Lu-177



42

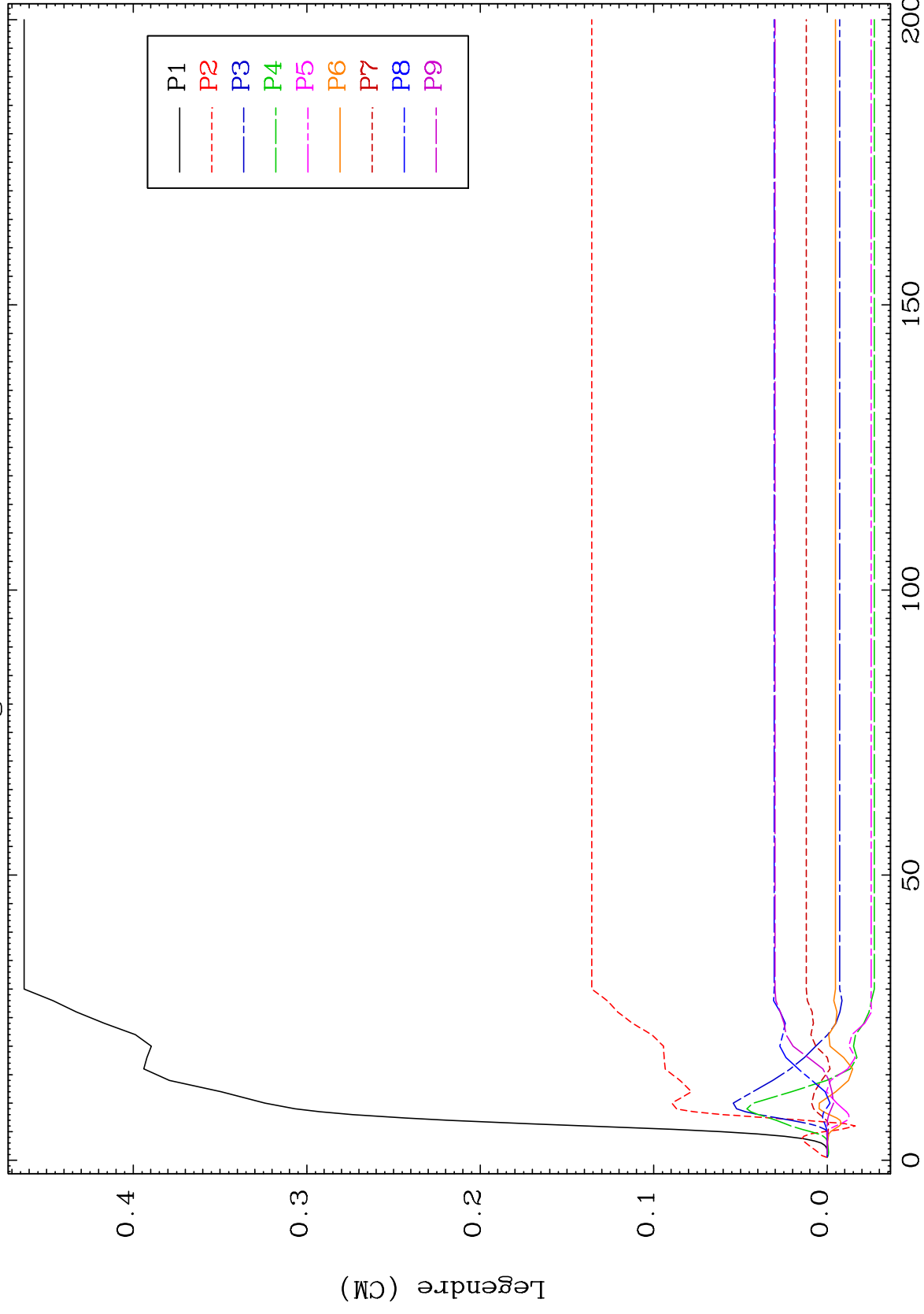
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

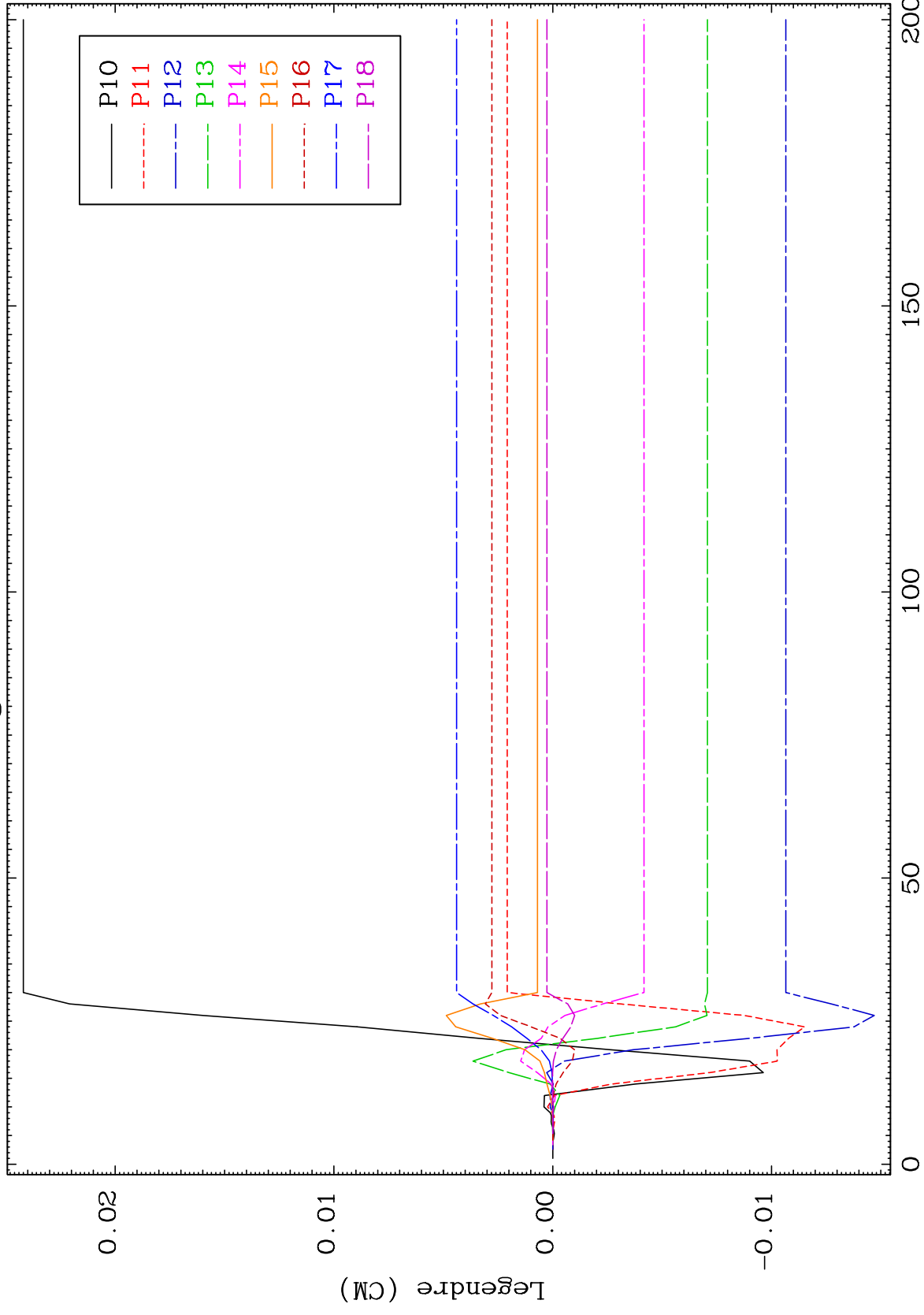
Incident Energy (MeV)

43

MAT 7131

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

71-Lu-177



44

Incident Energy (MeV)

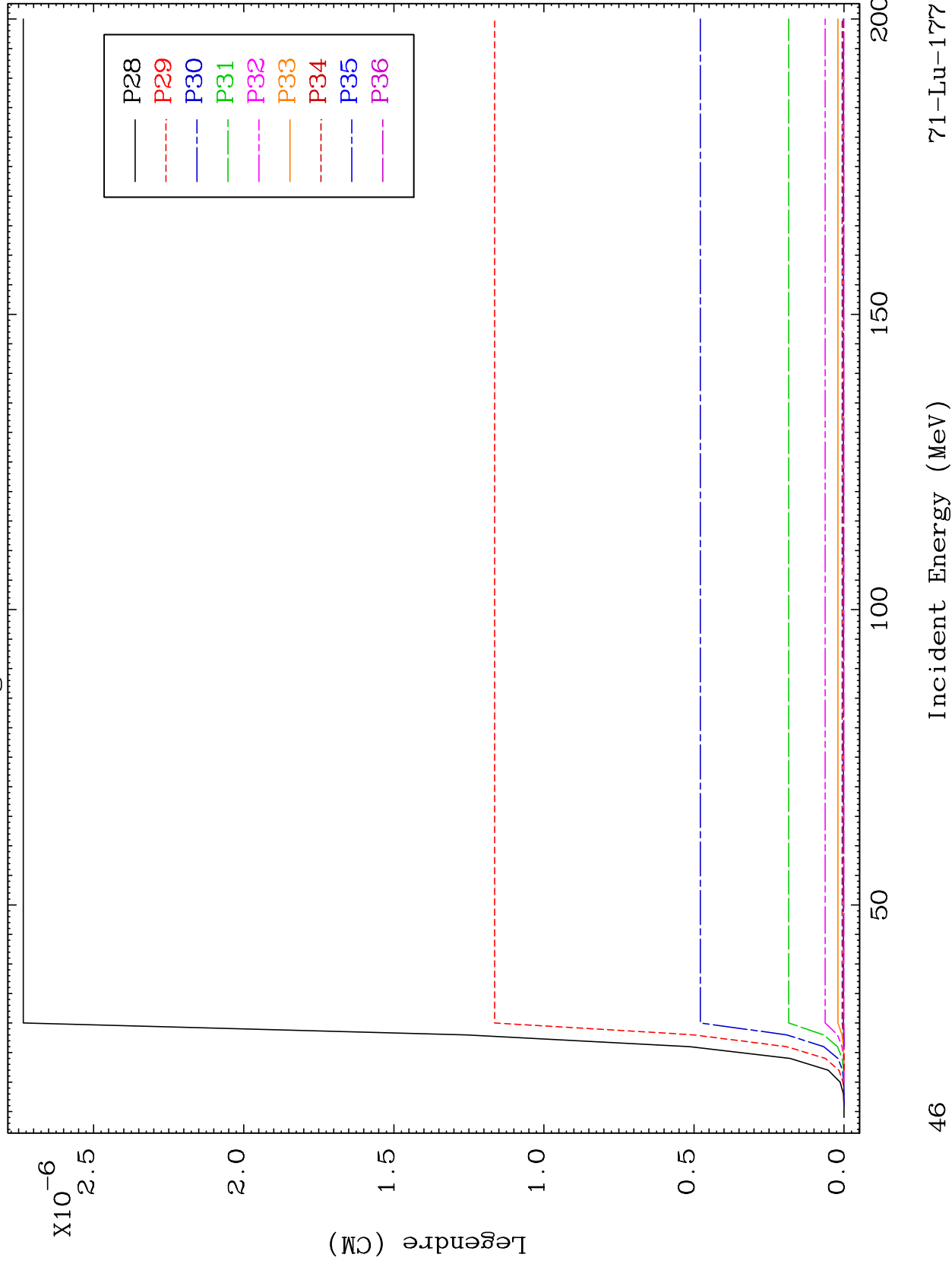
71-Lu-177



MAT 7131

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

71-Lu-177



46

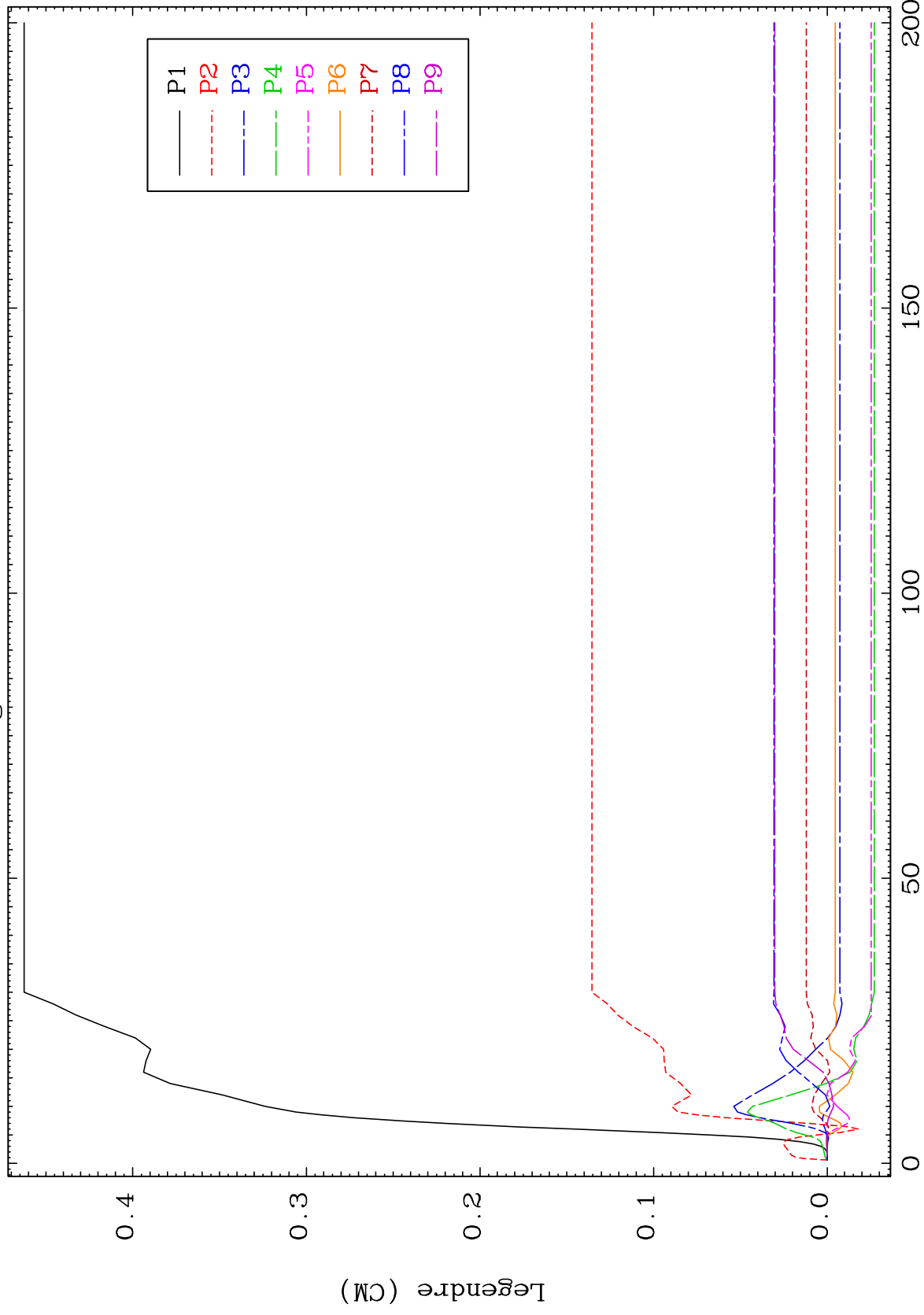
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



47

Incident Energy (MeV)

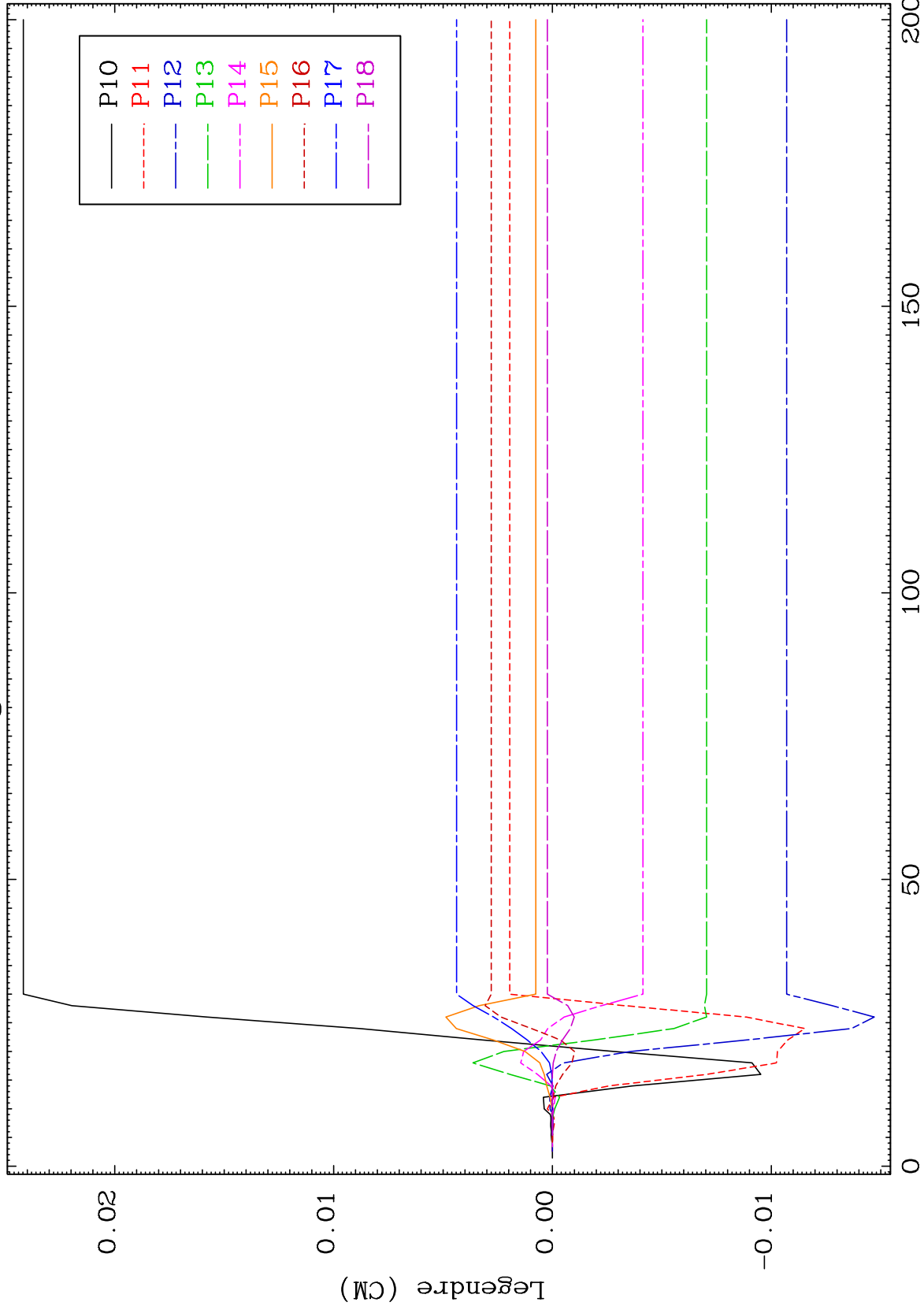
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MAT 7131

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

71-Lu-177



48

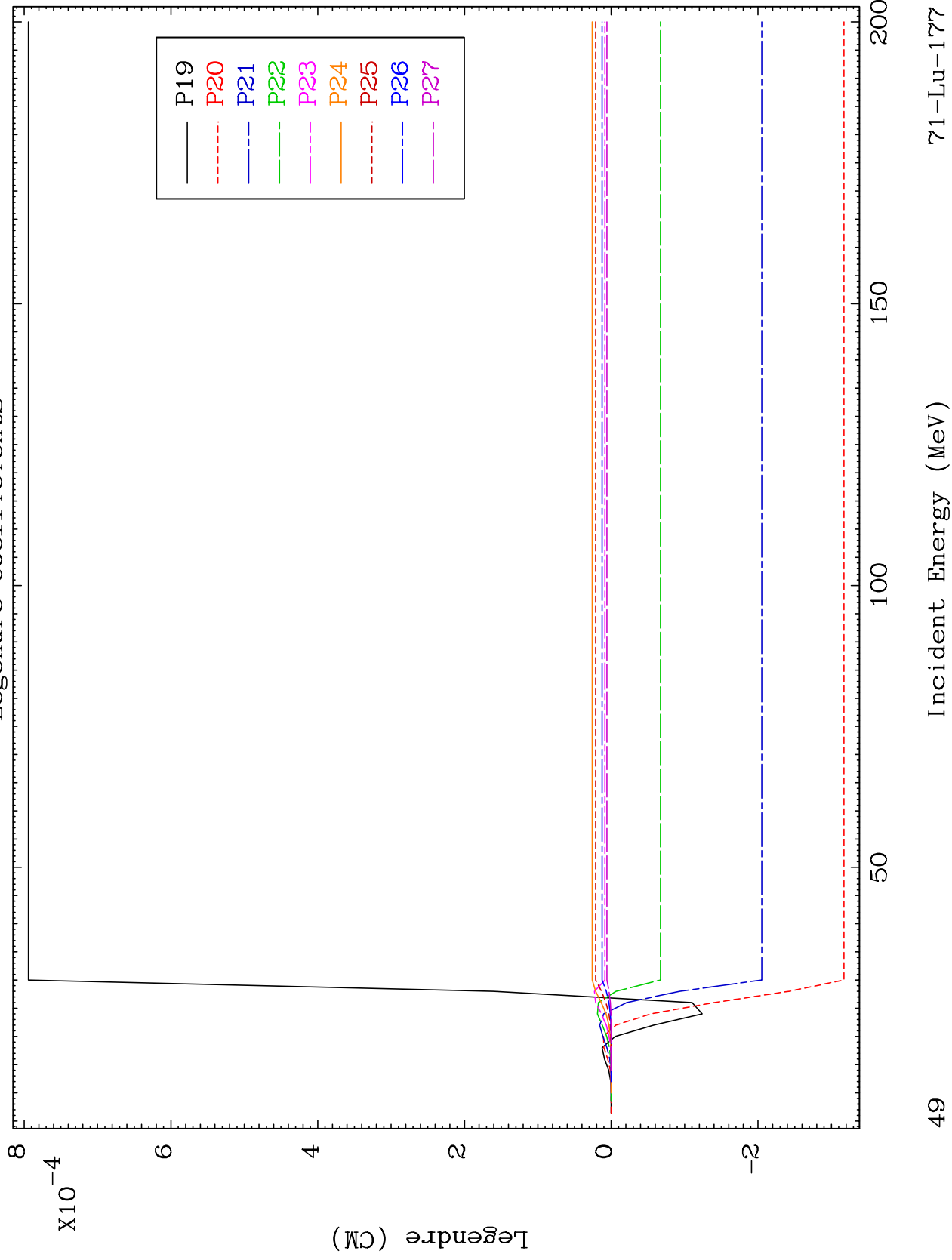
Incident Energy (MeV)

71-Lu-177

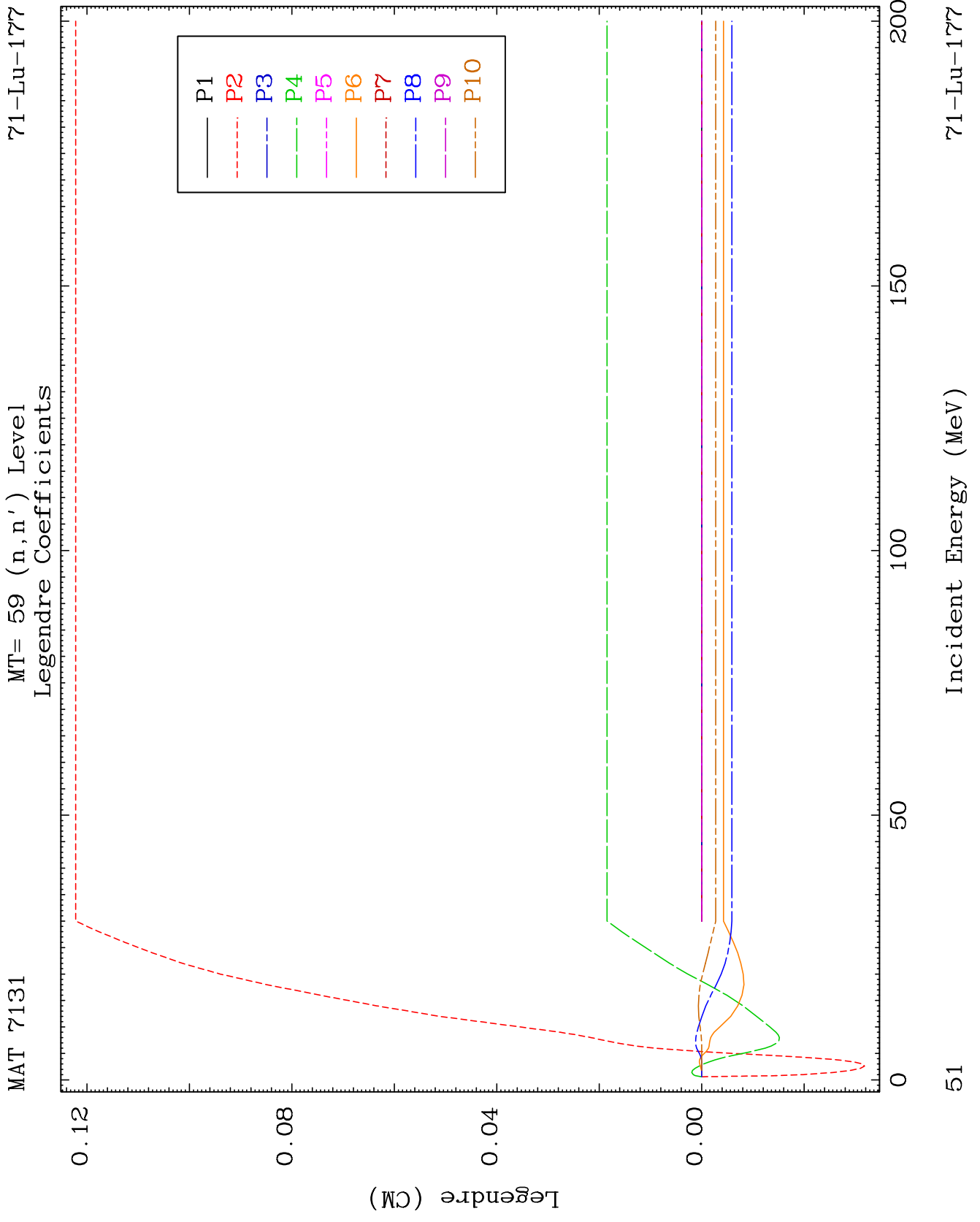
MAT 7131

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

71-Lu-177



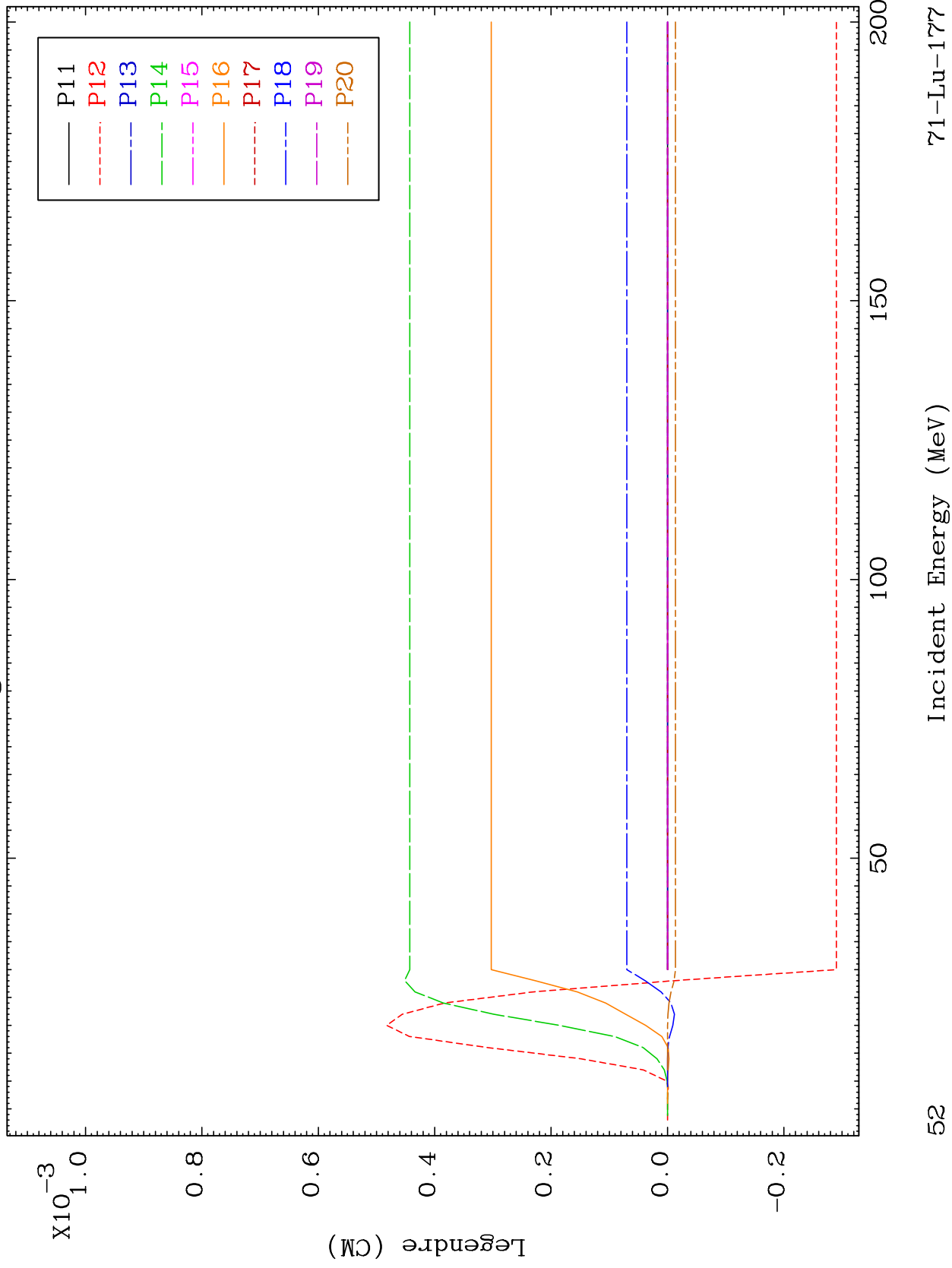




MAT 7131

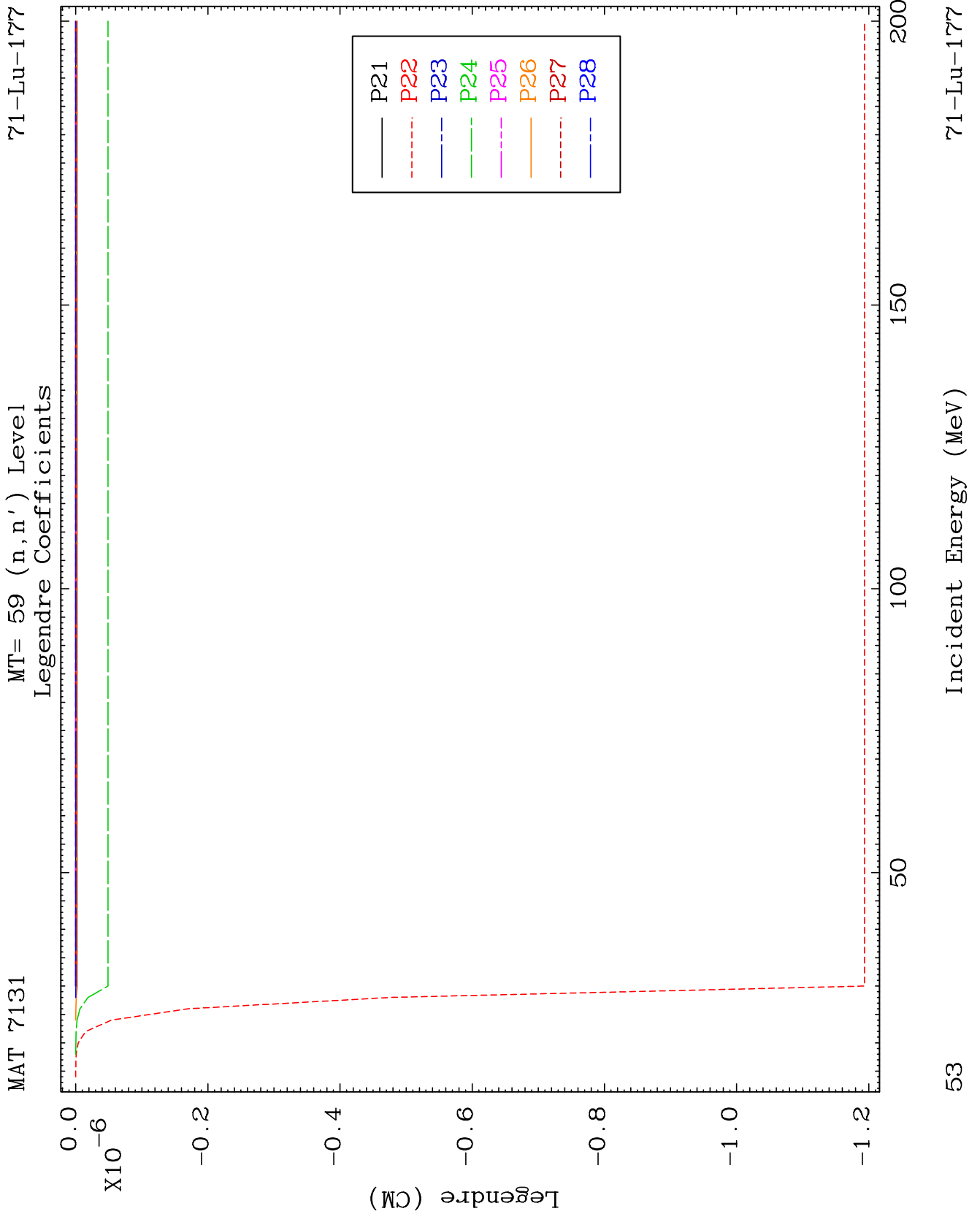
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Legendre Coefficients

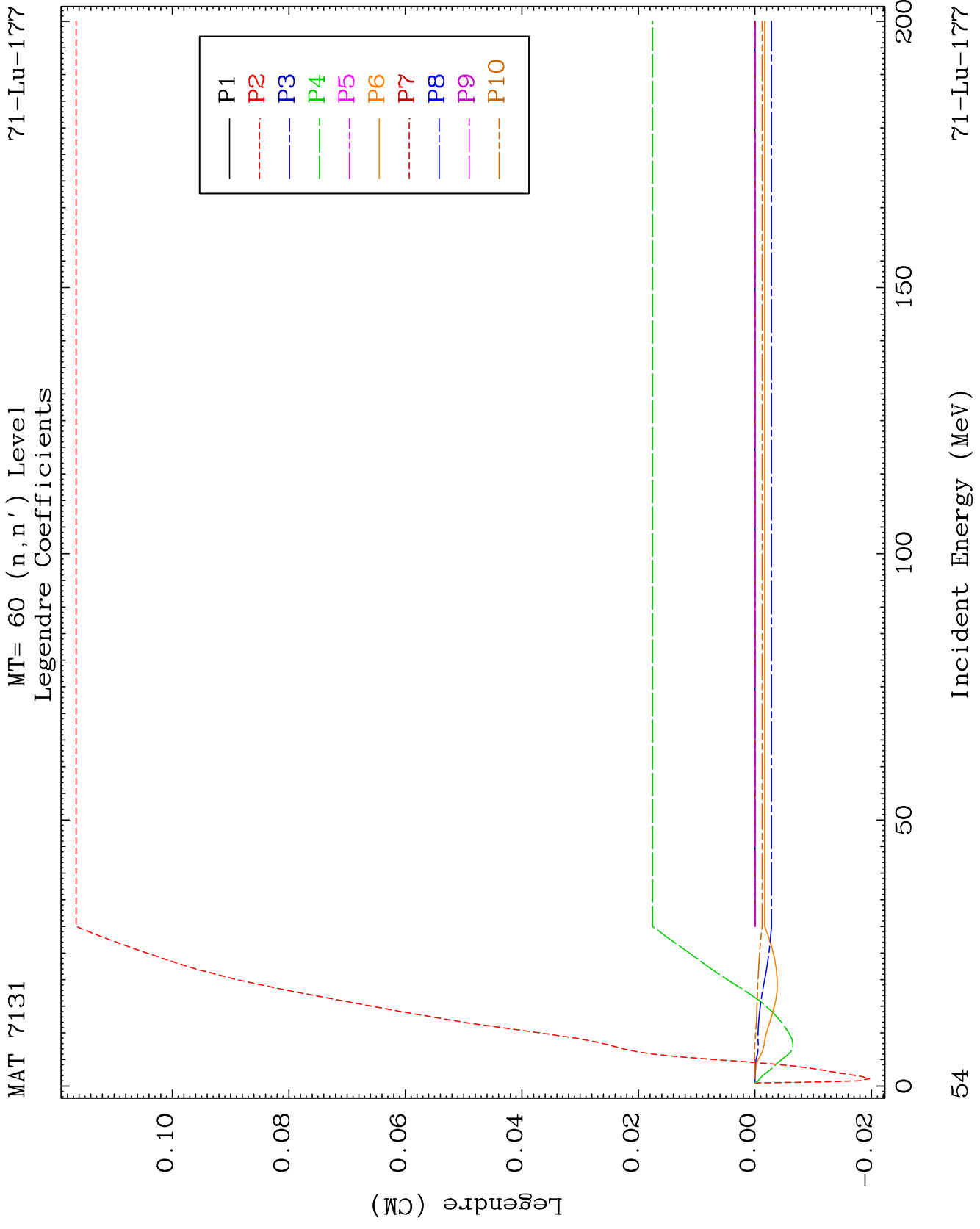
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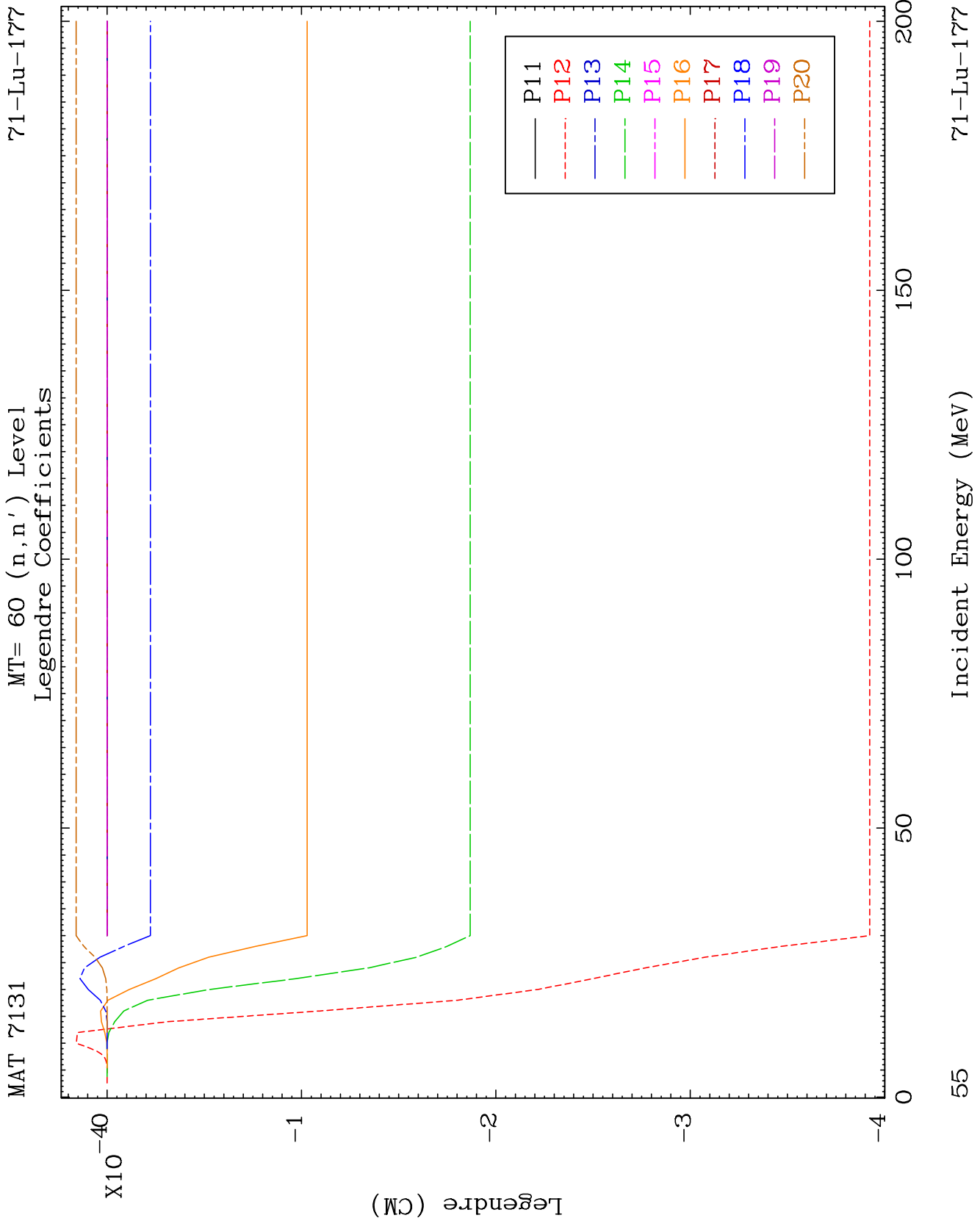


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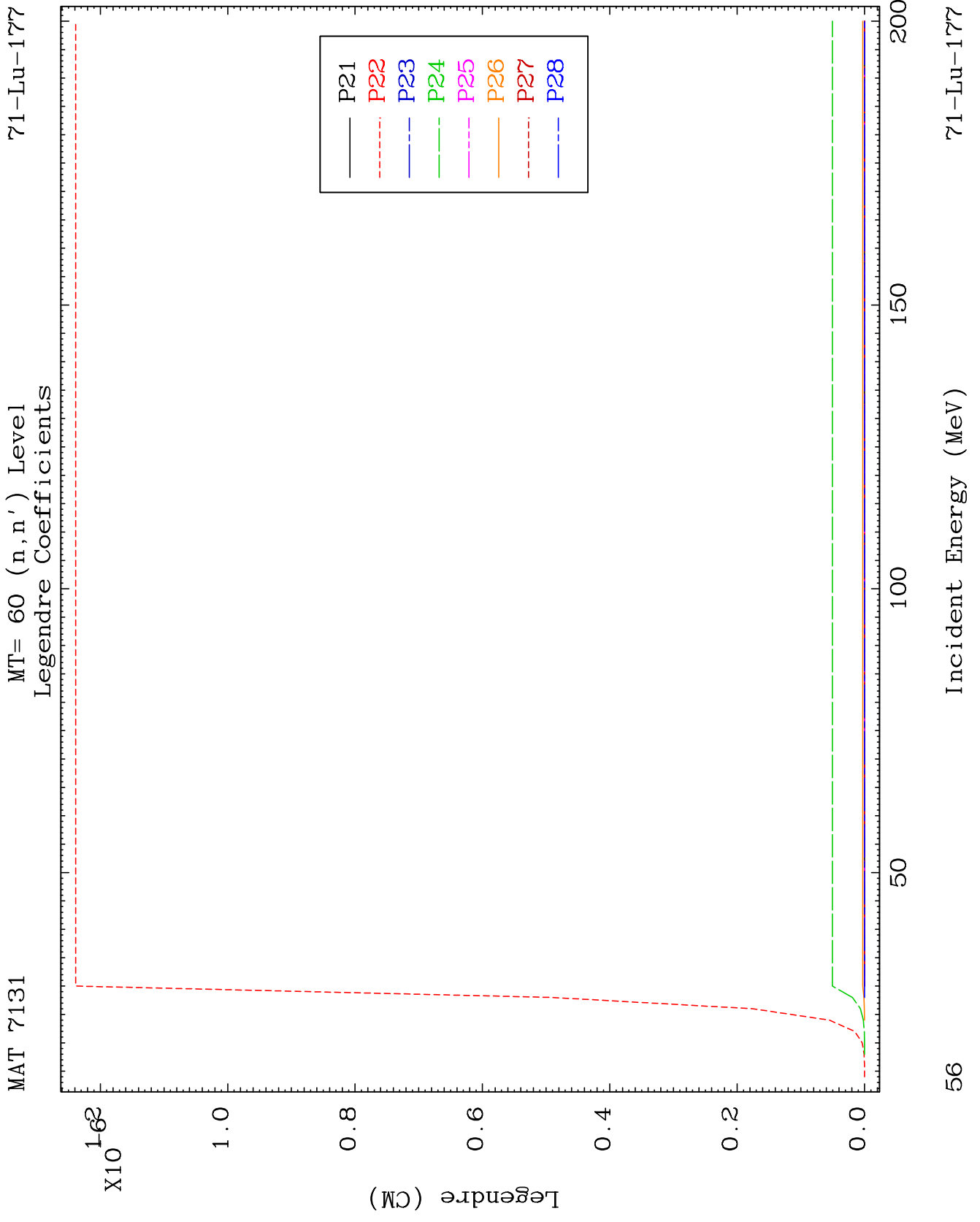
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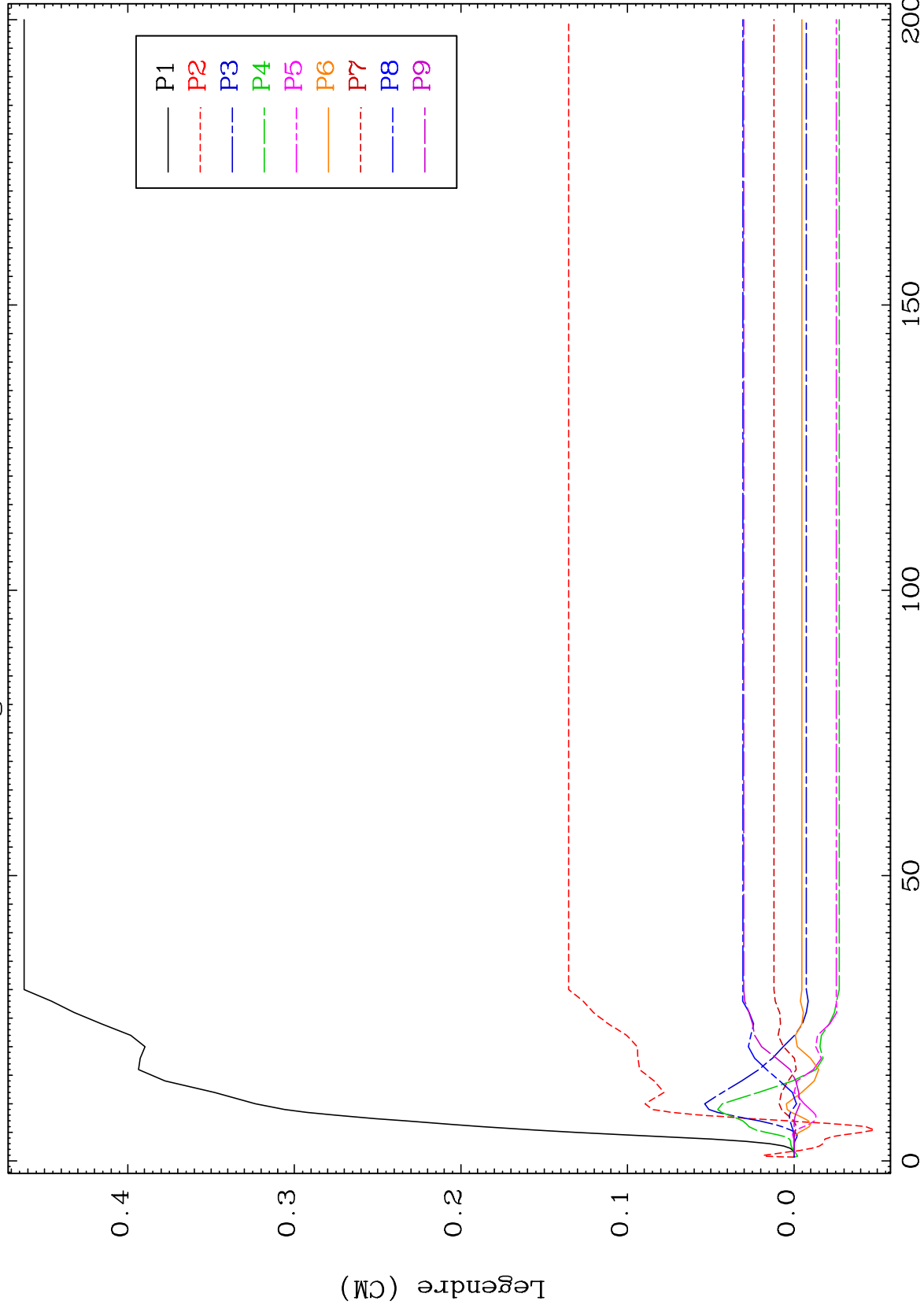




MAT 7131

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

71-Lu-177



57

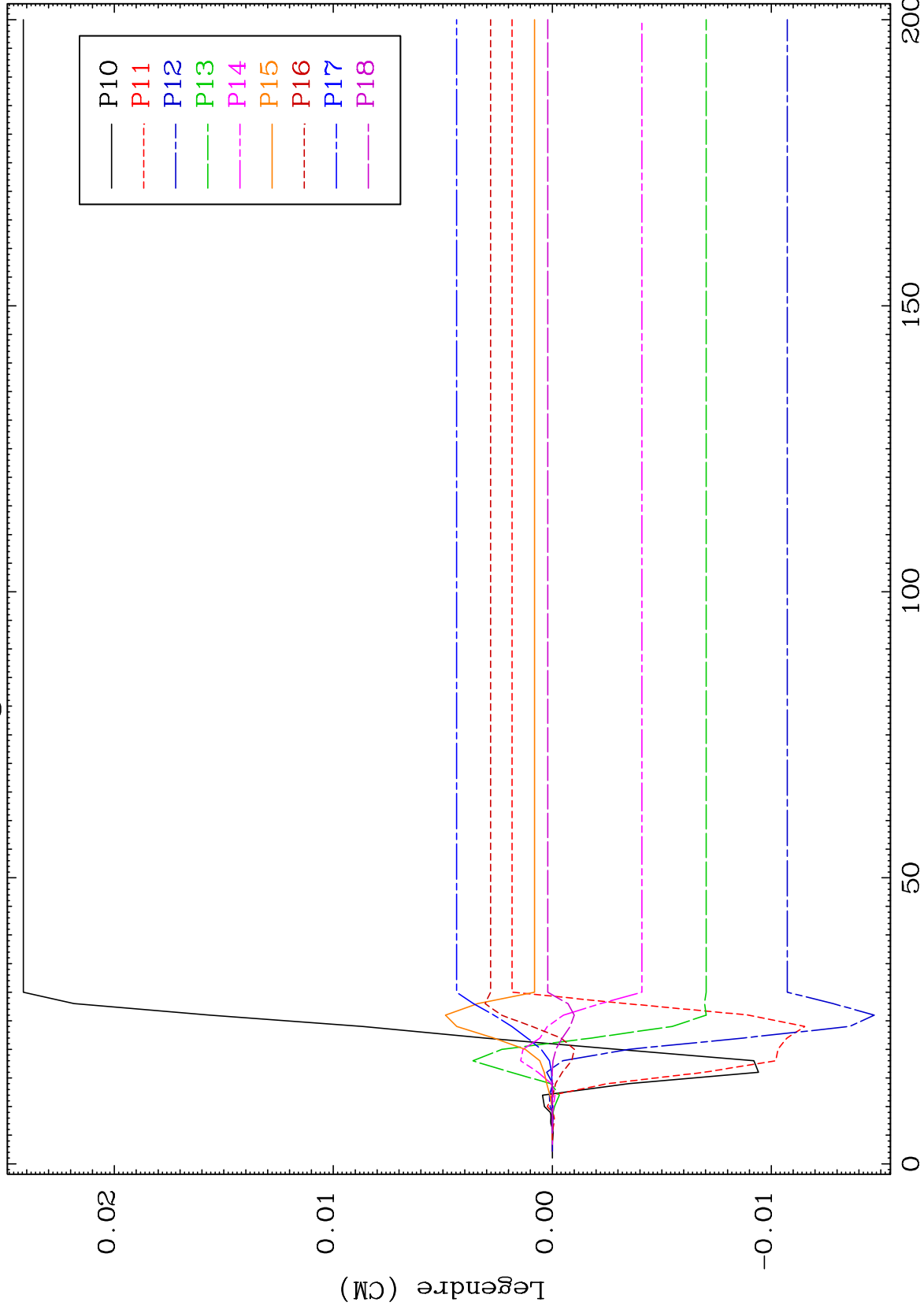
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

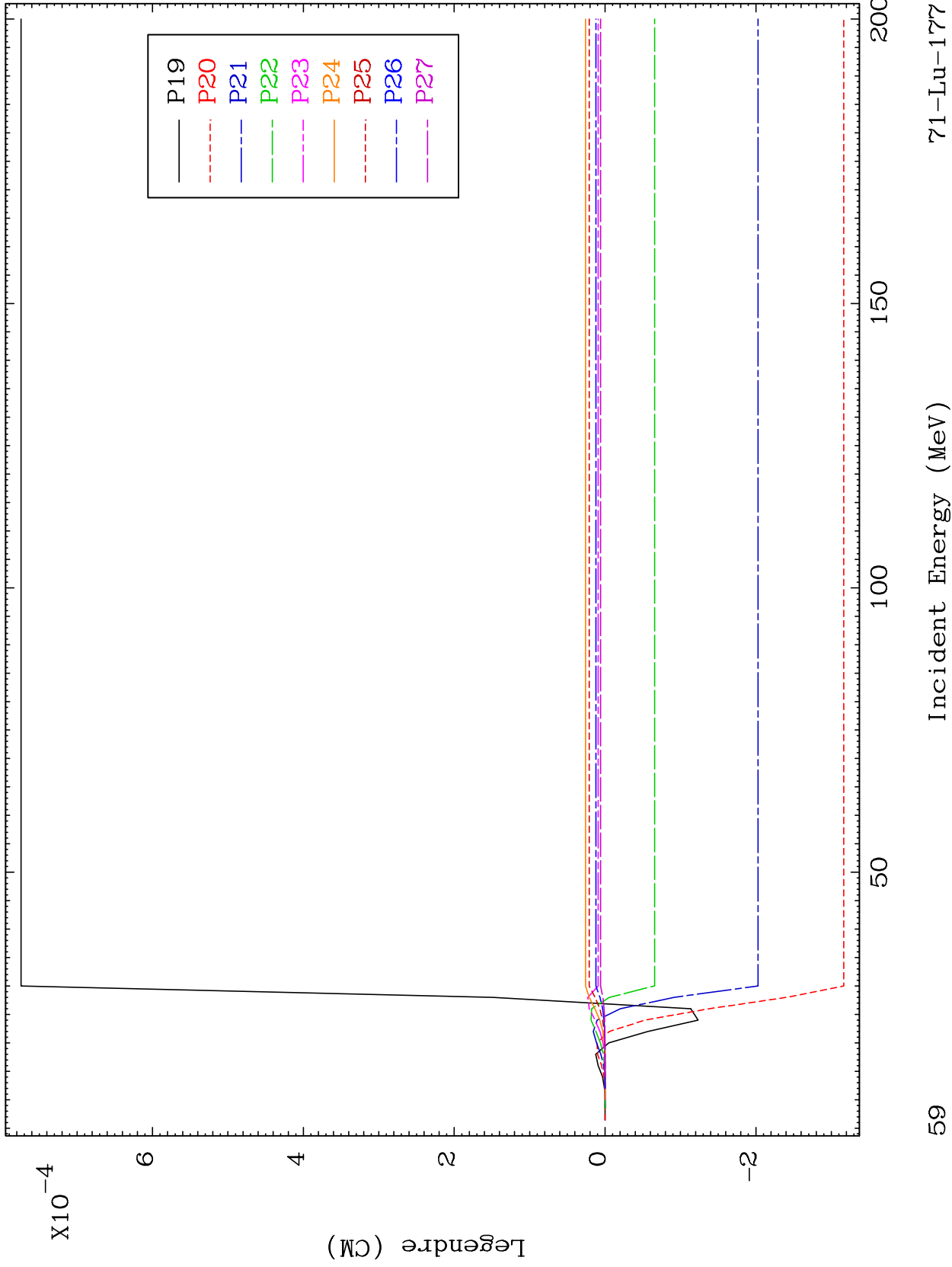
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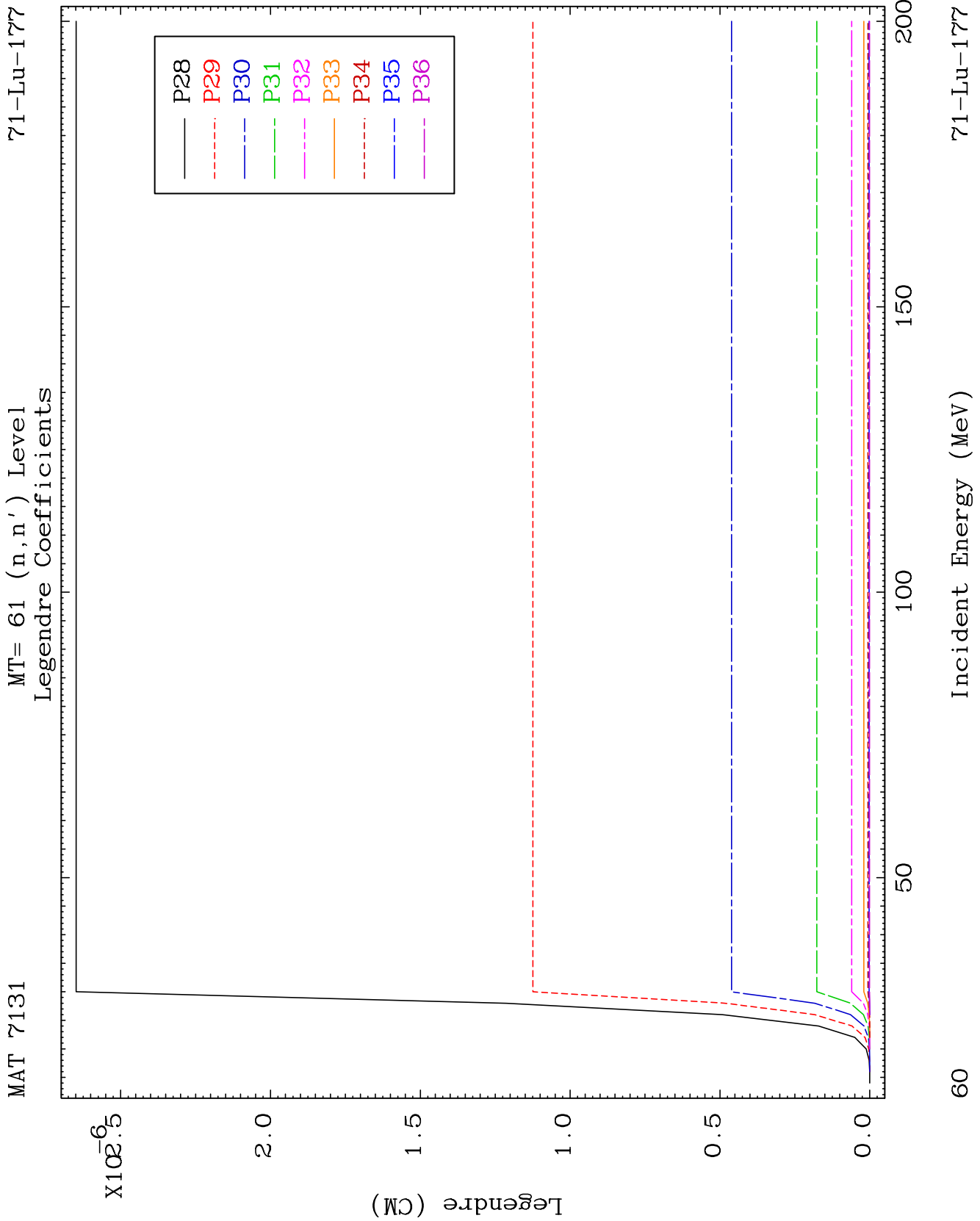


58

Incident Energy (MeV)

71-Lu-177

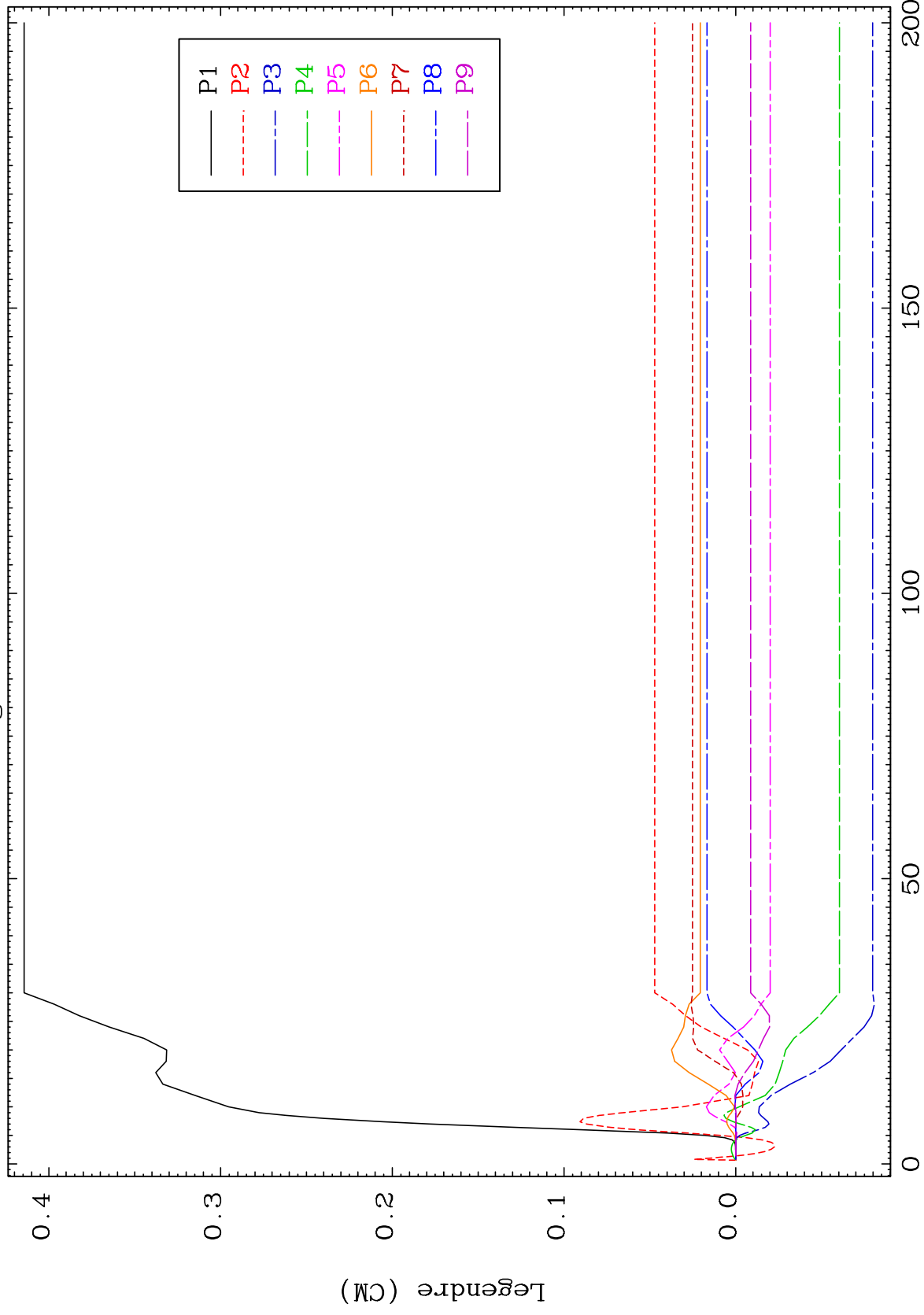




MAT 7131

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

71-Lu-177



61

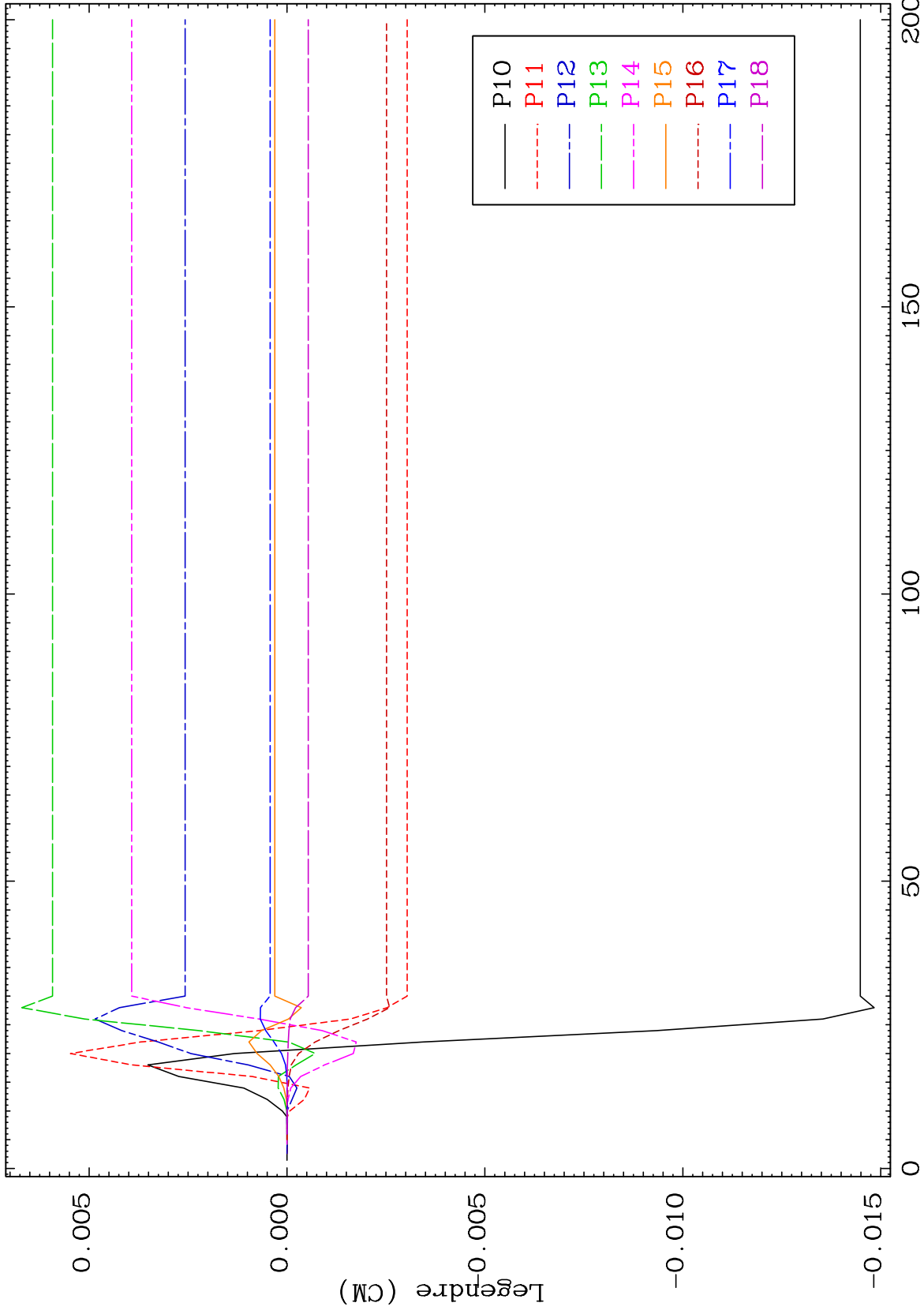
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

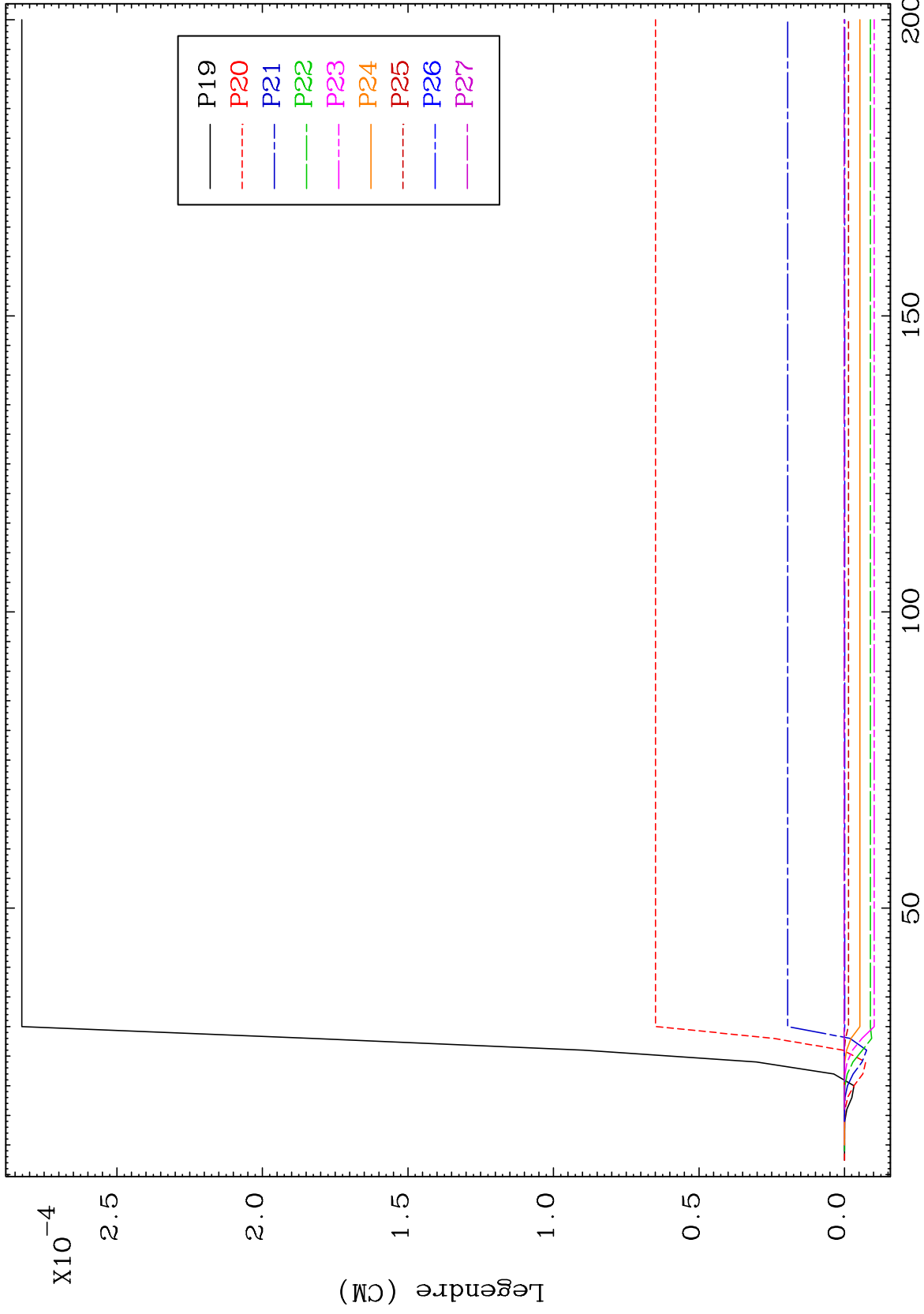
71-Lu-177



62

Incident Energy (MeV)

71-Lu-177

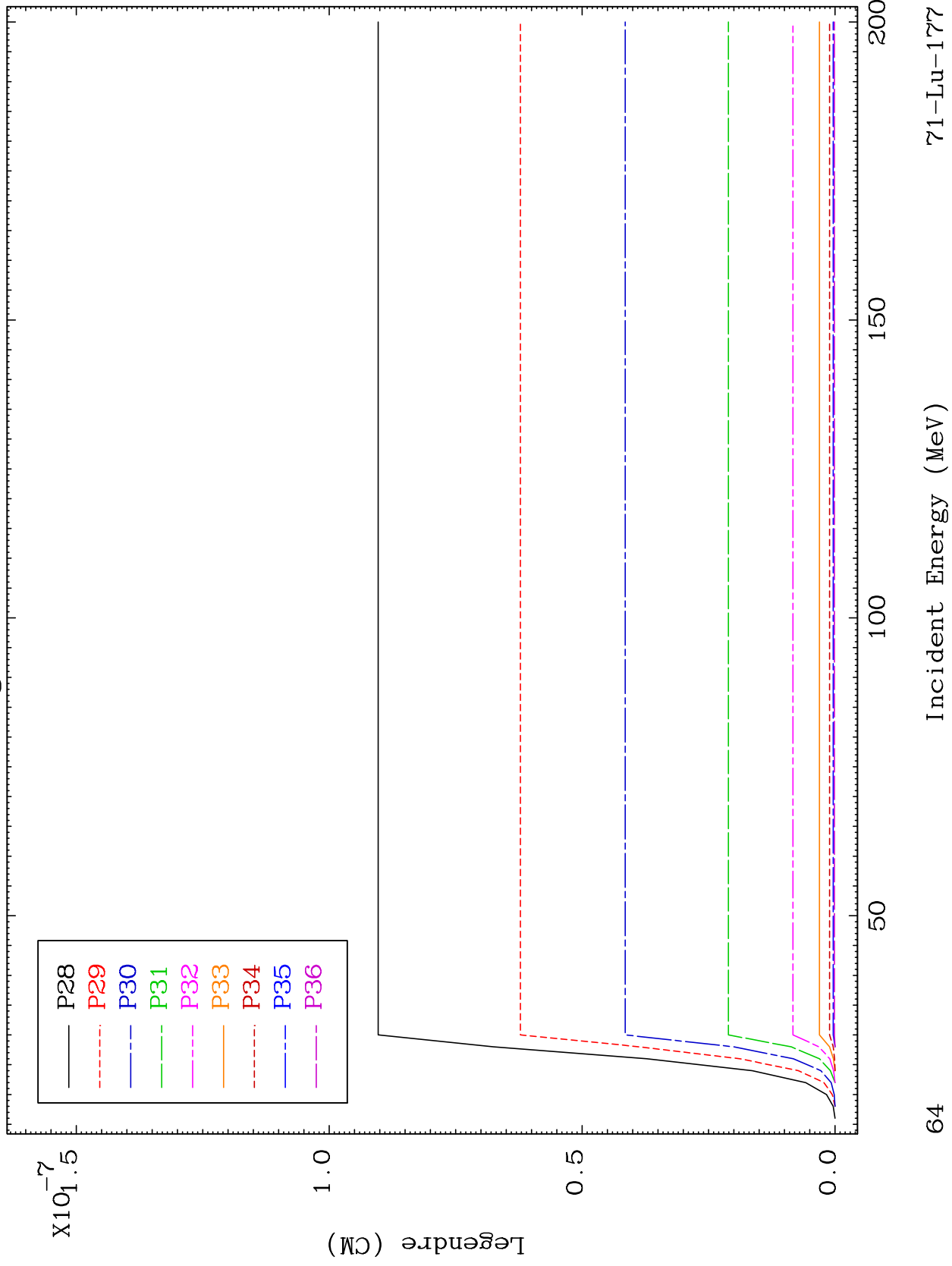




MAT 7131

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

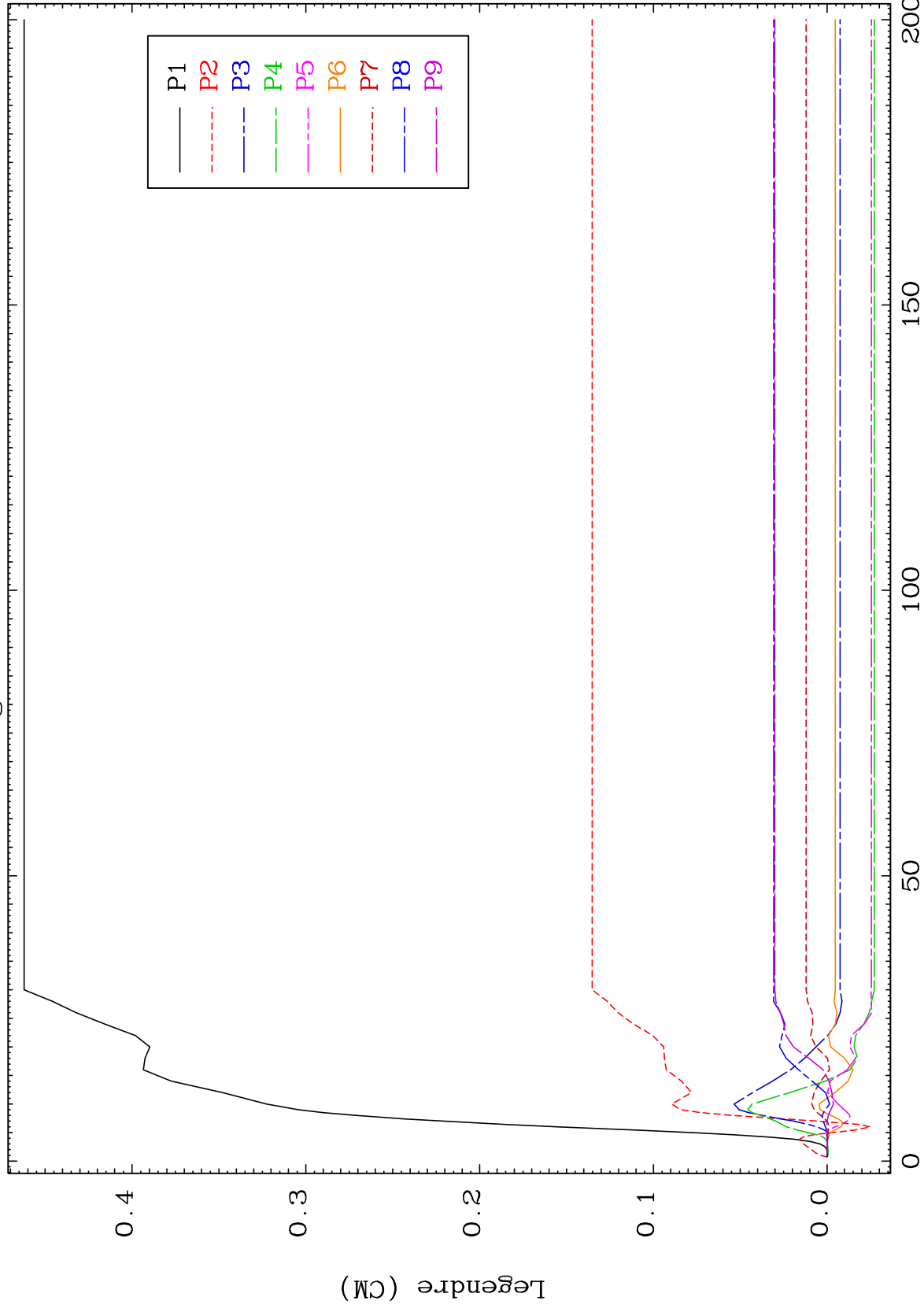
71-Lu-177



MAT 7131

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

71-Lu-177



65

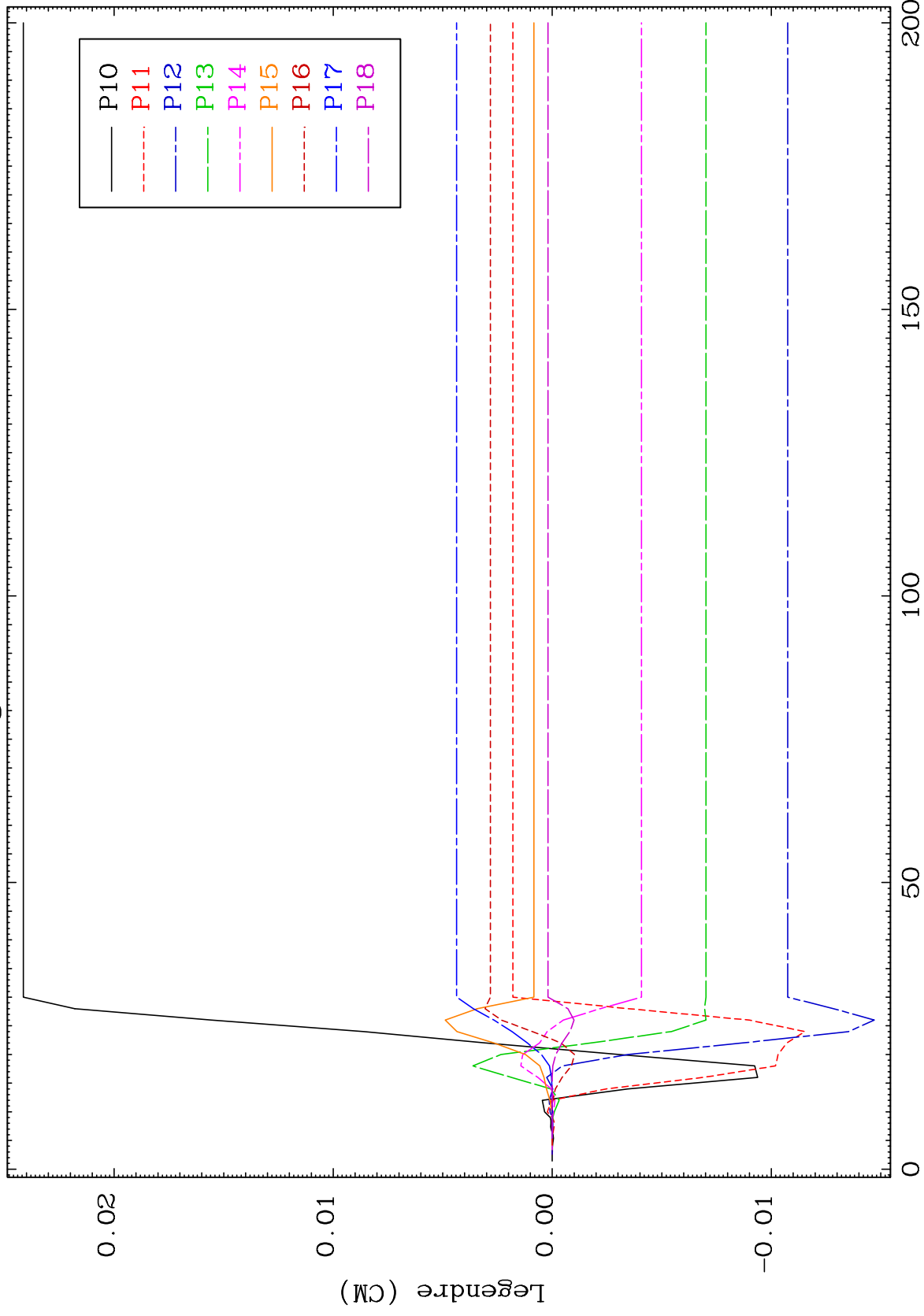
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



66

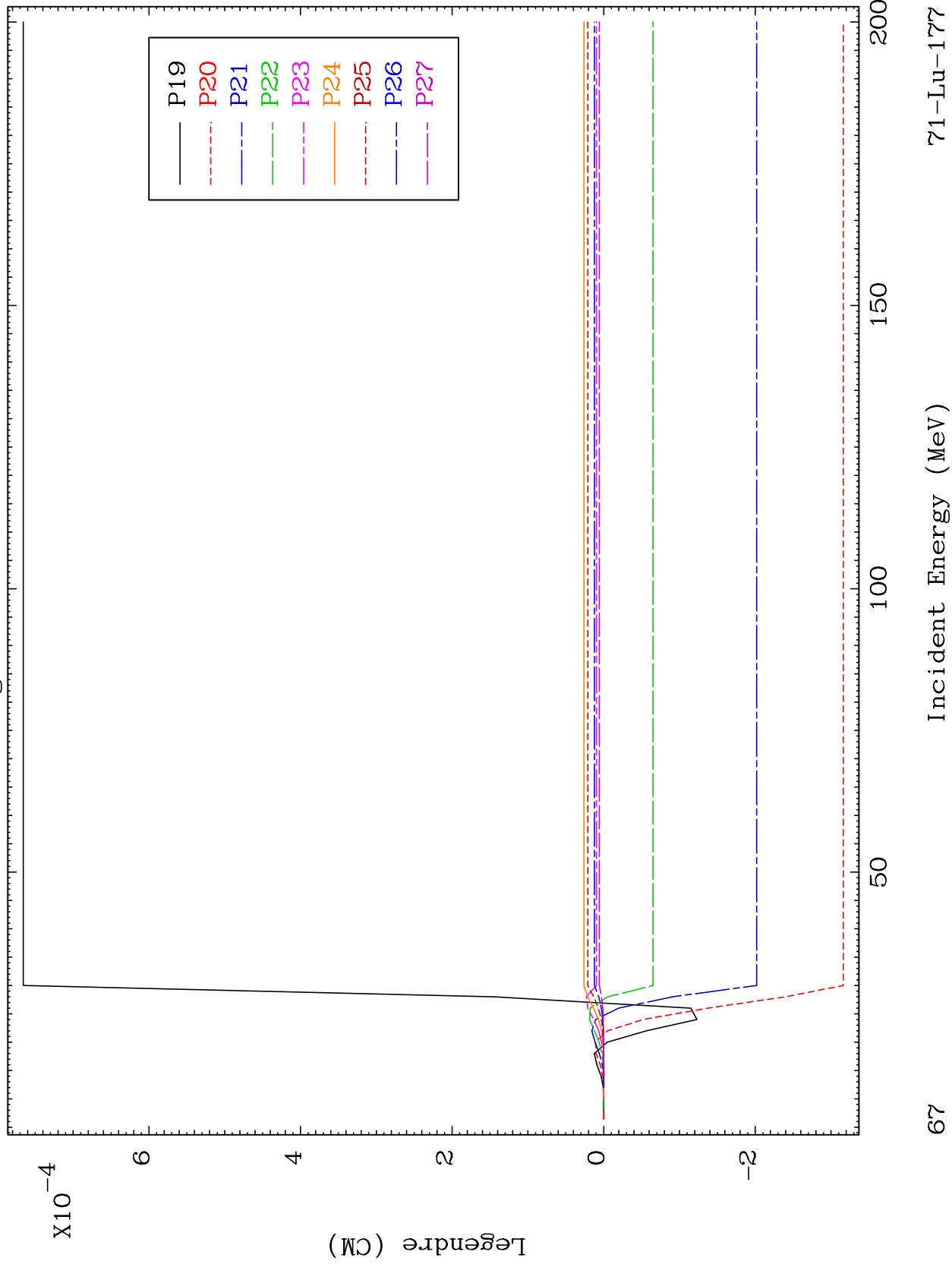
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

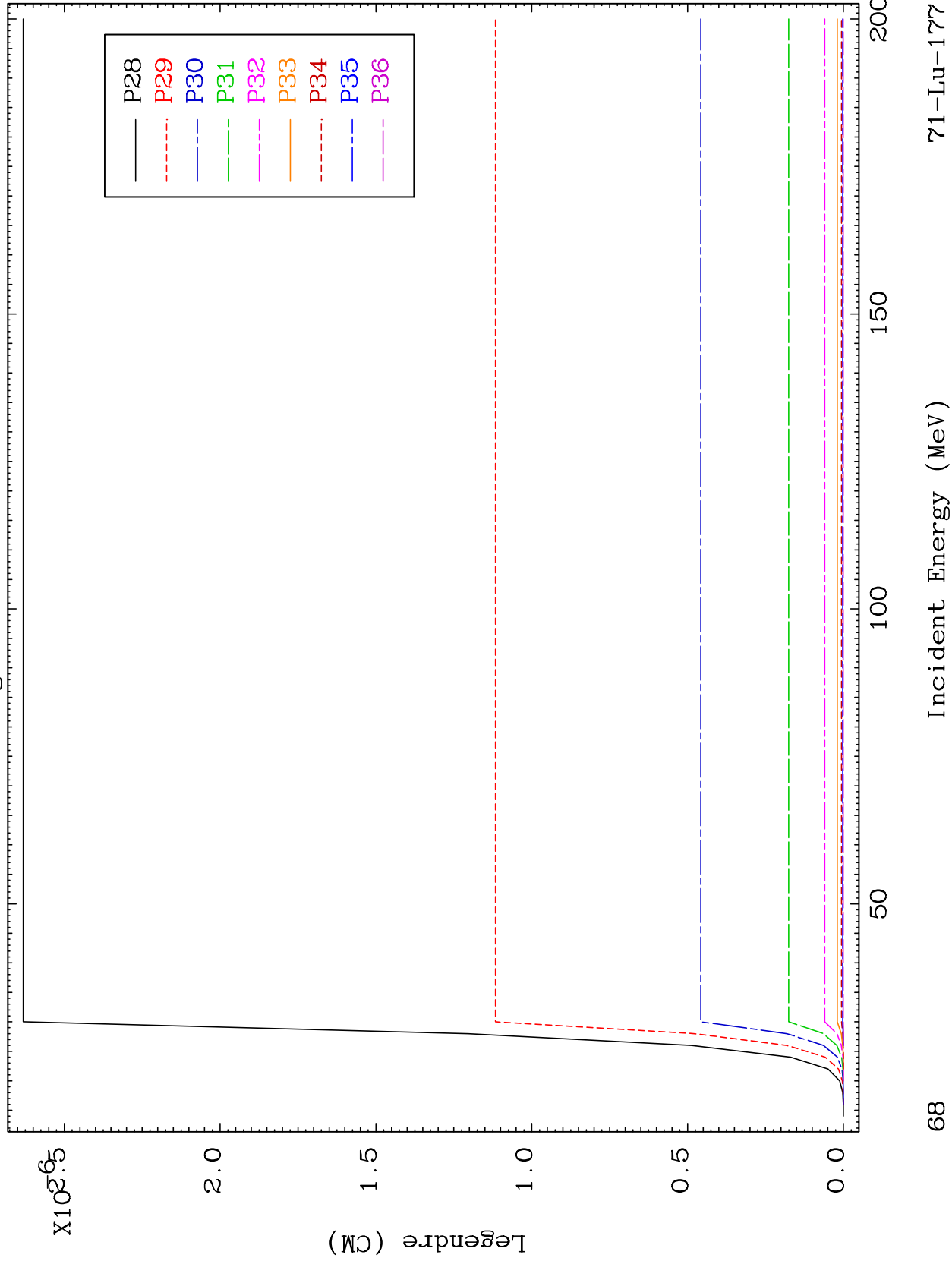
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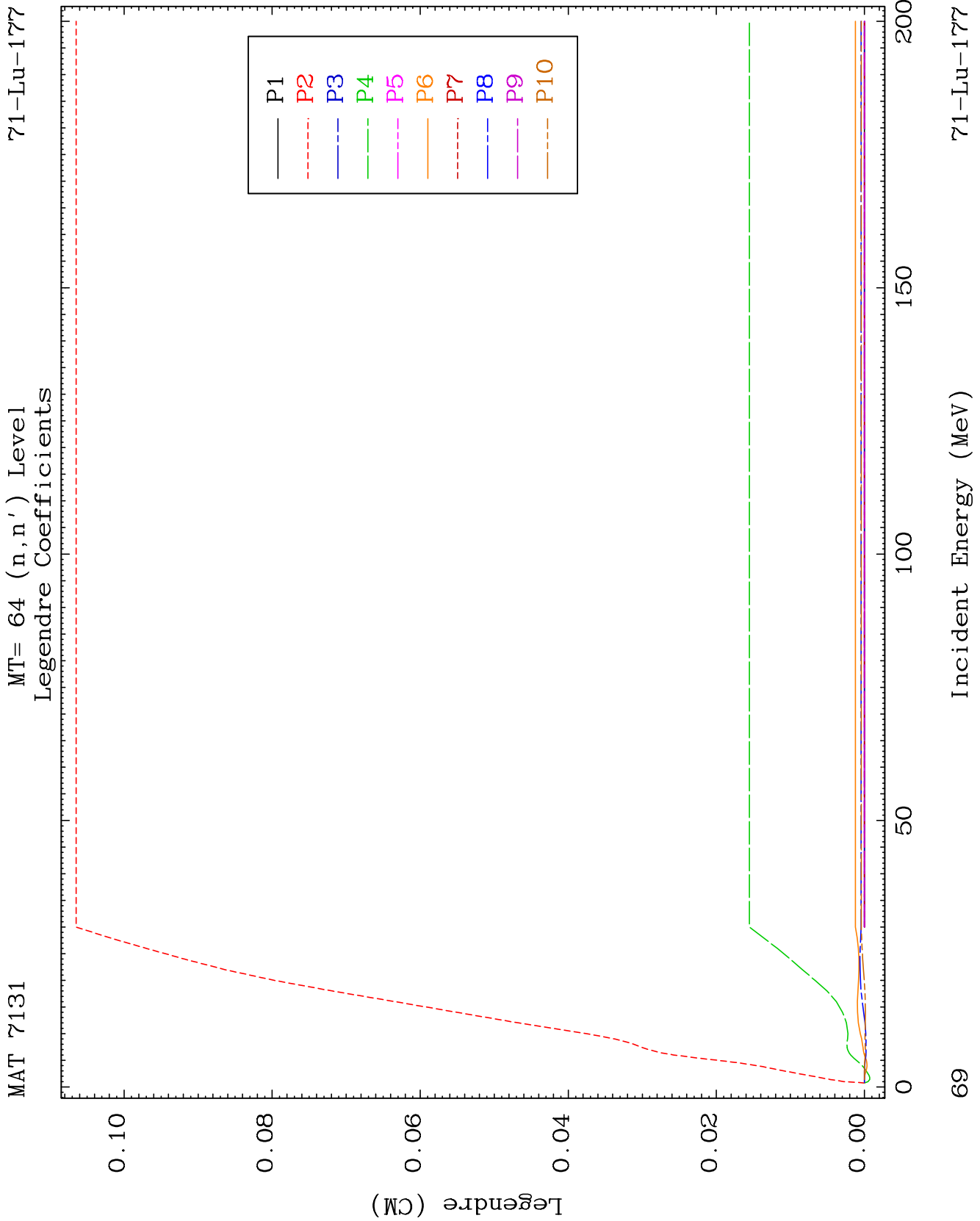
MAT 7131

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

71-Lu-177



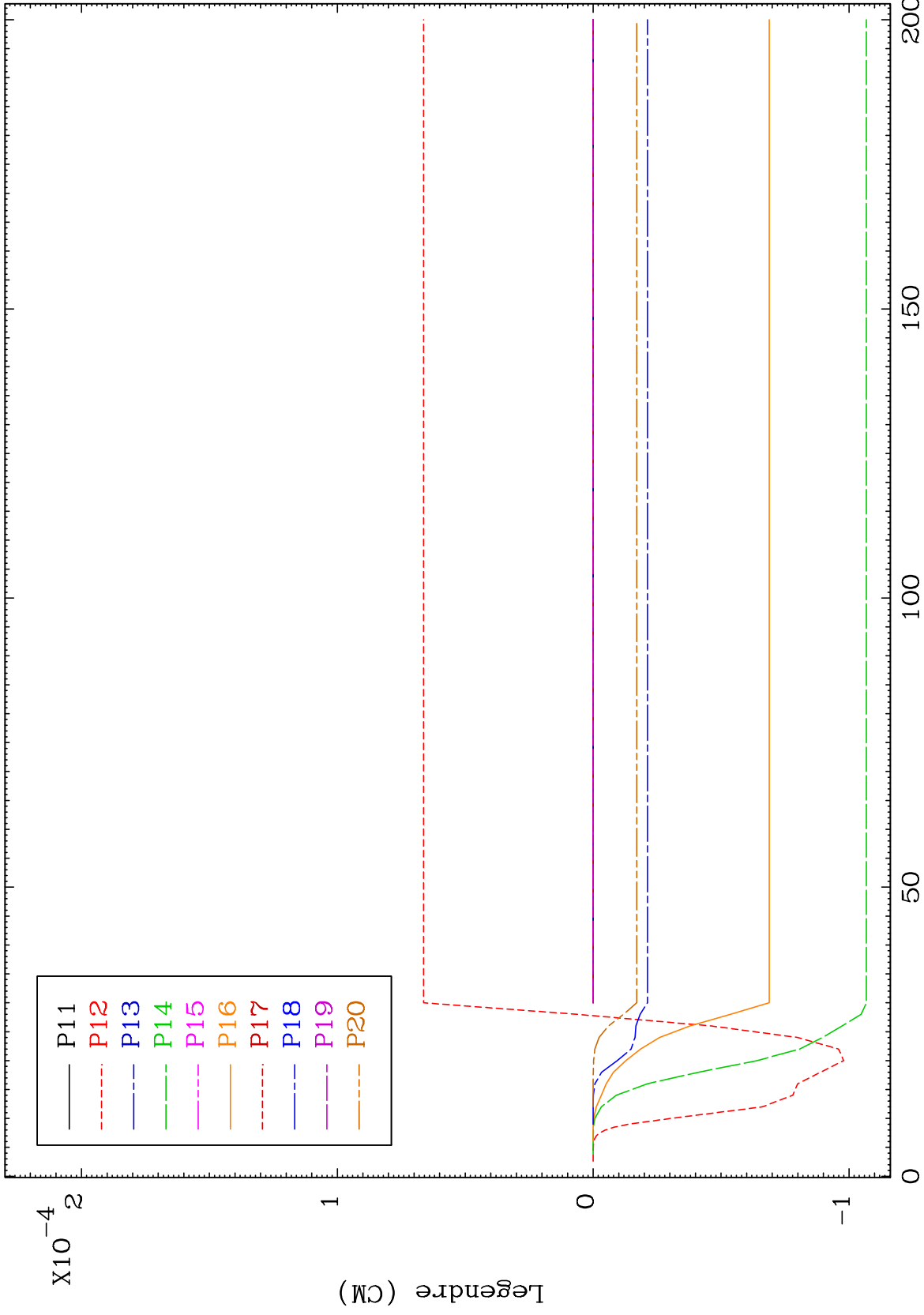
68



MAT 7131

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

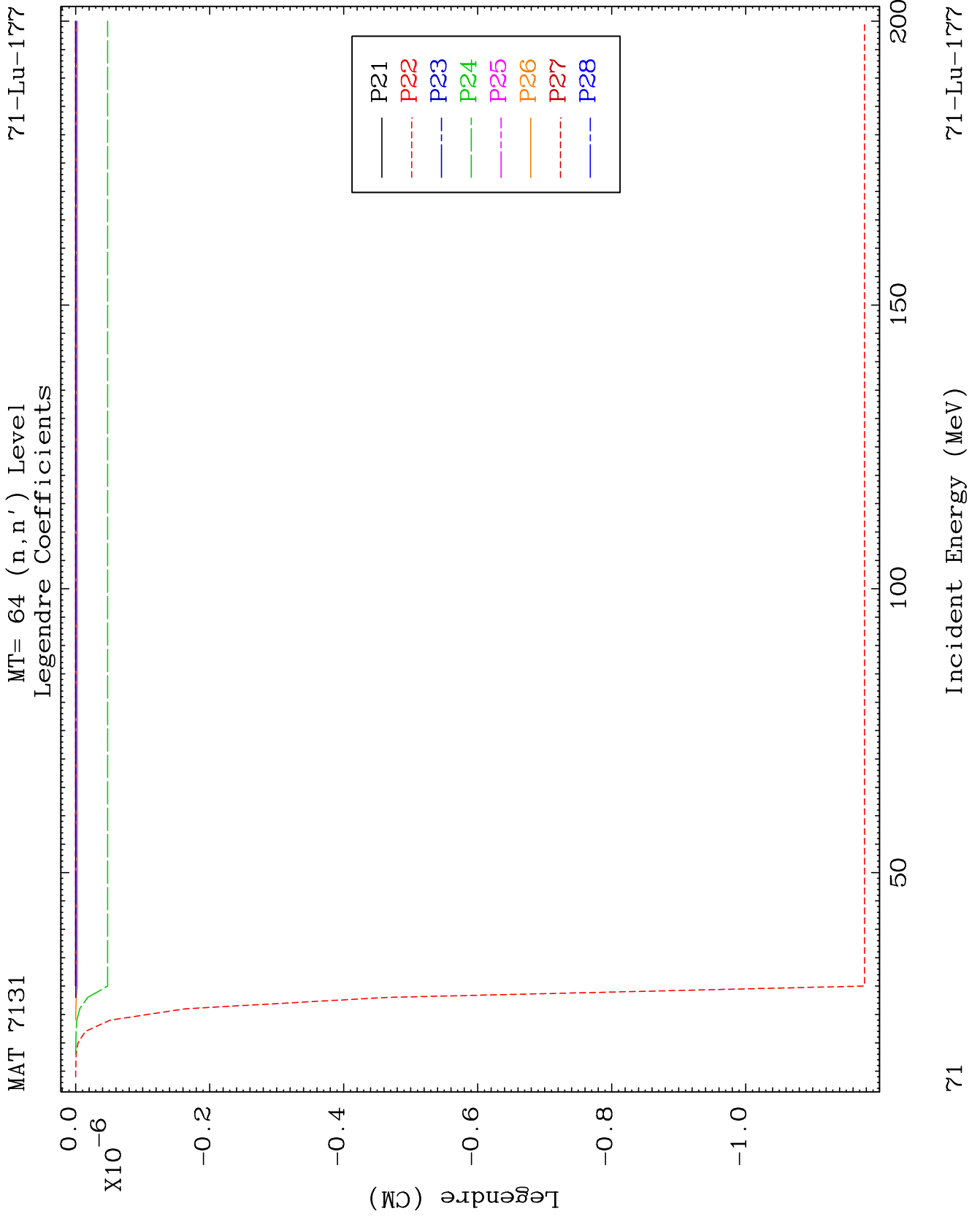
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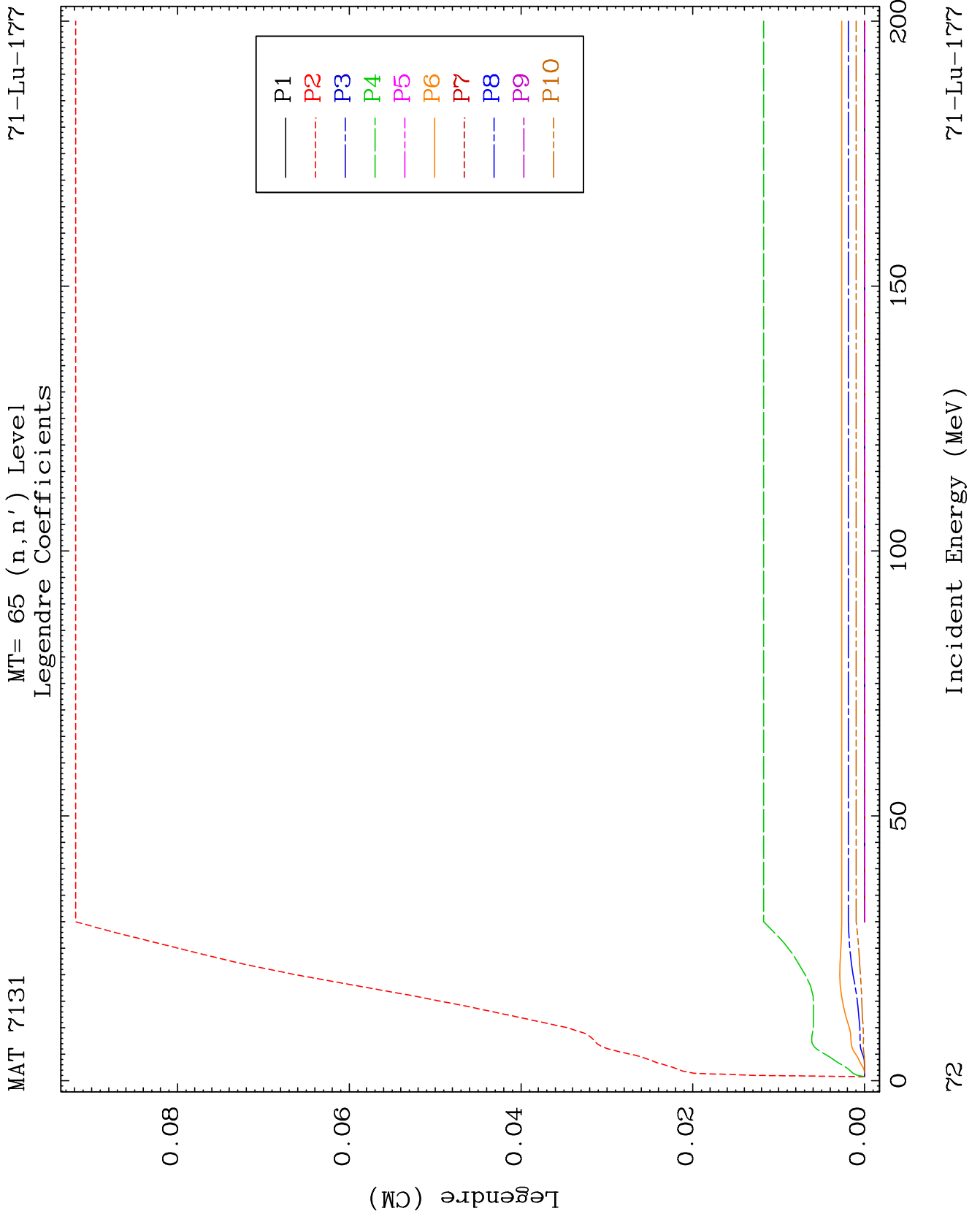
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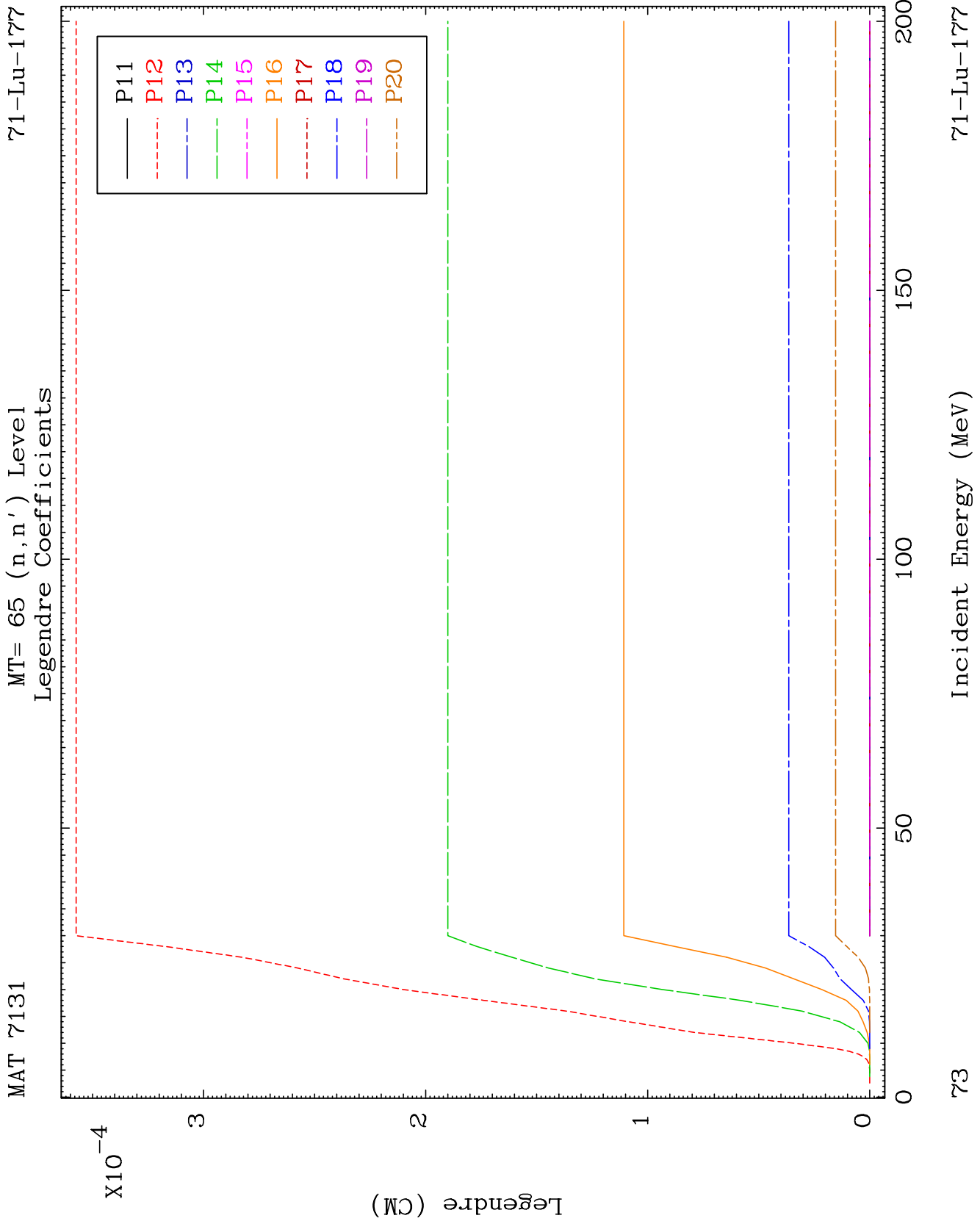
Incident Energy (MeV)

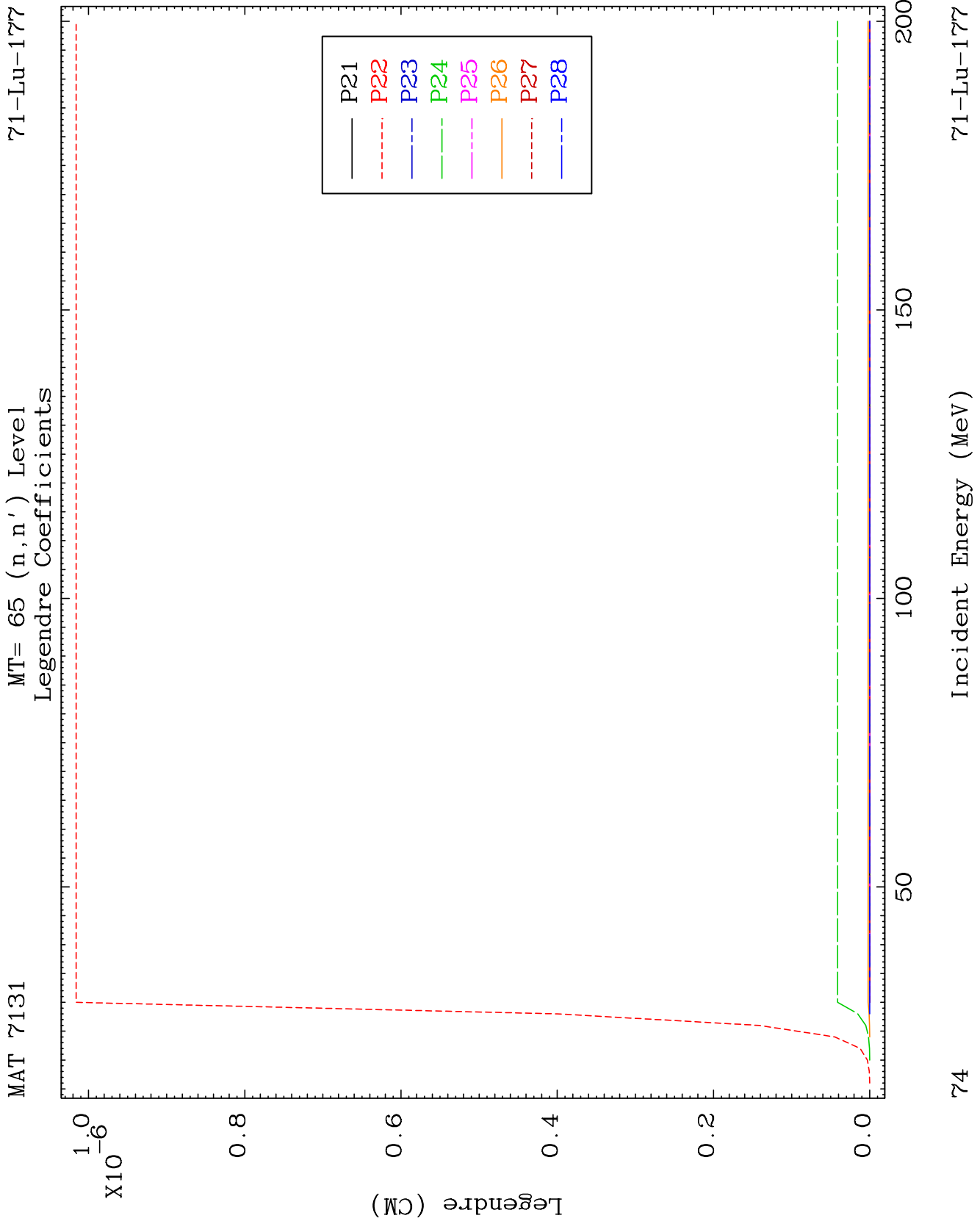
71-Lu-177







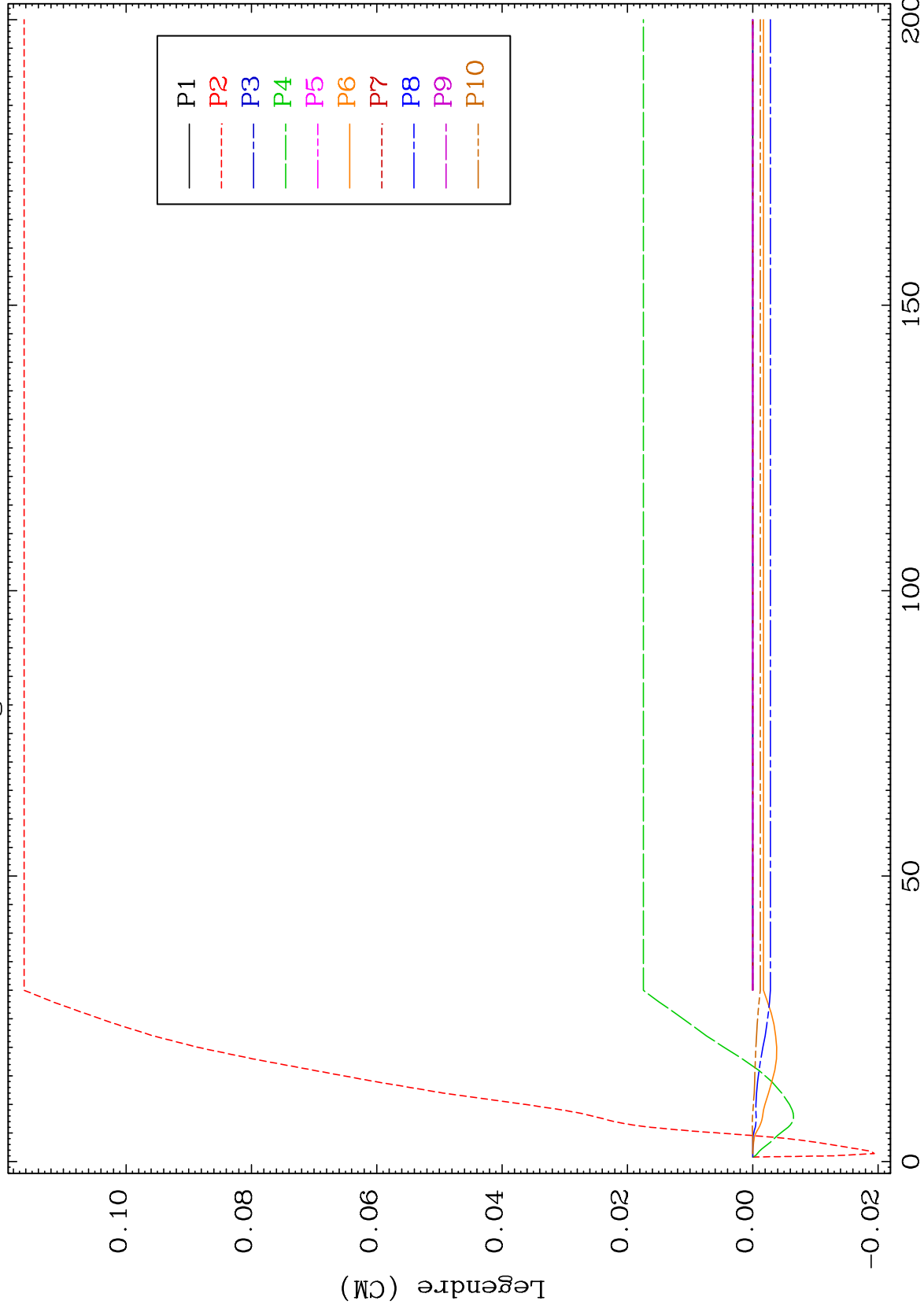




MAT 7131

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

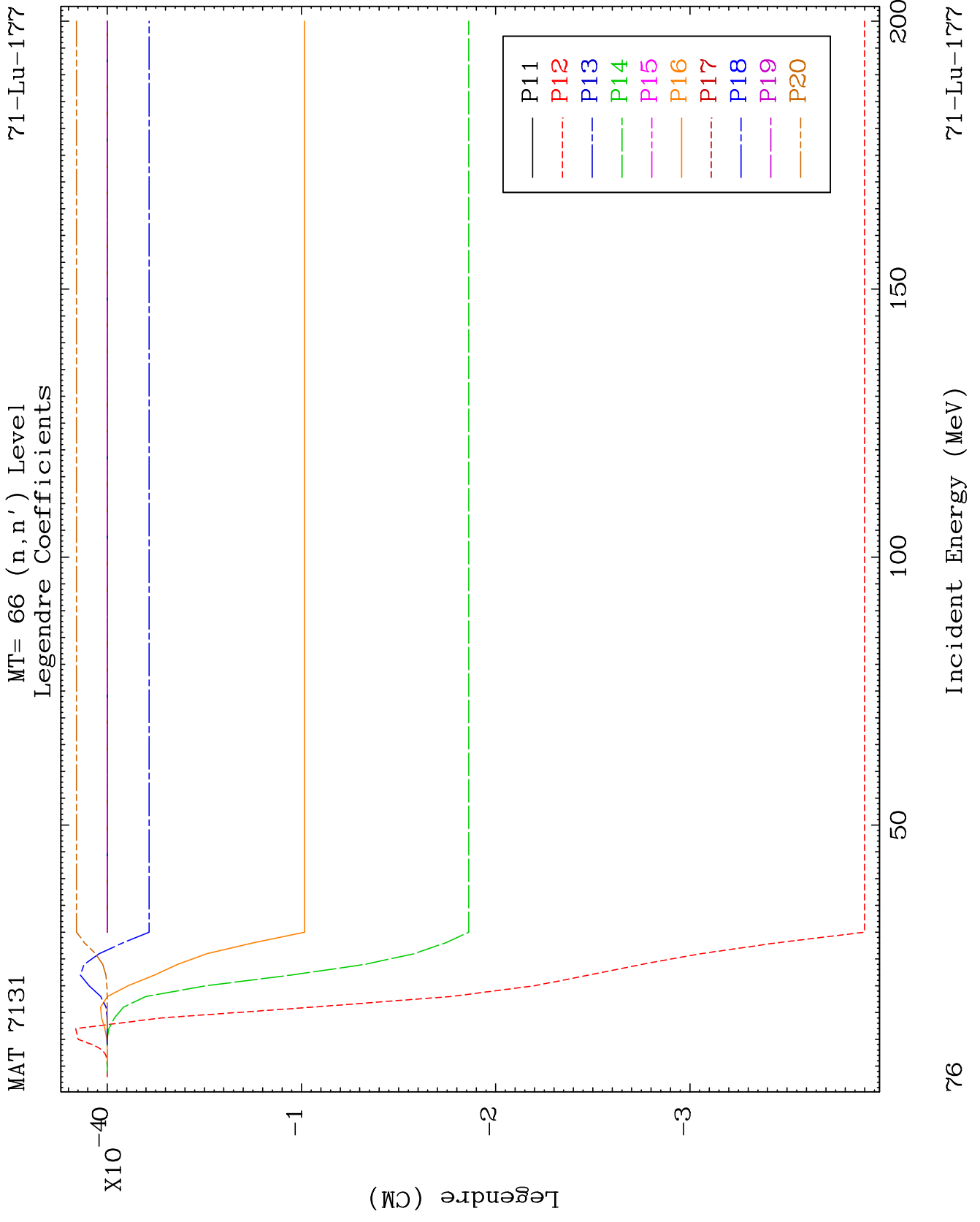
71-Lu-177



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Incident Energy (MeV)

71-Lu-177



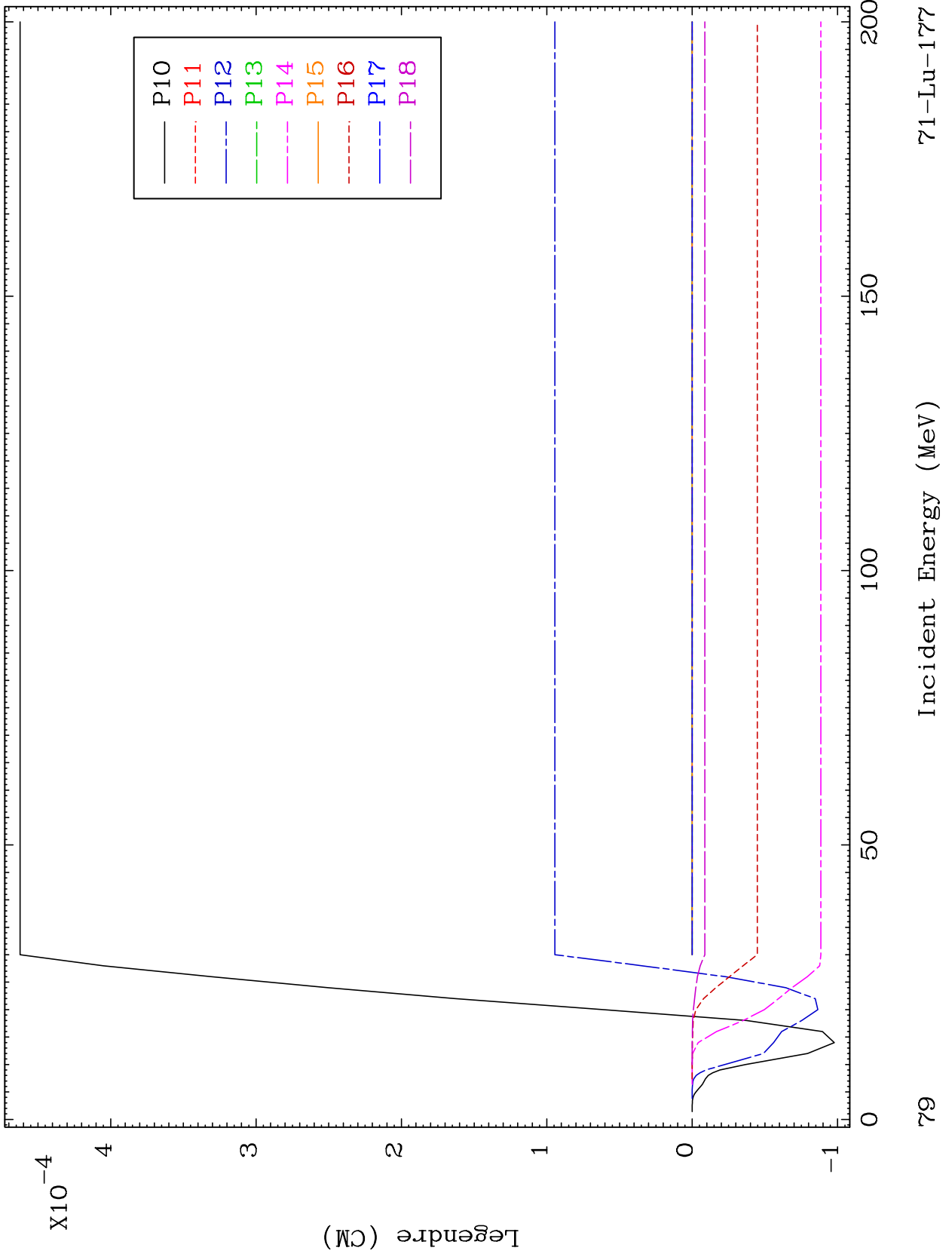




MAT 7131

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

71-Lu-177

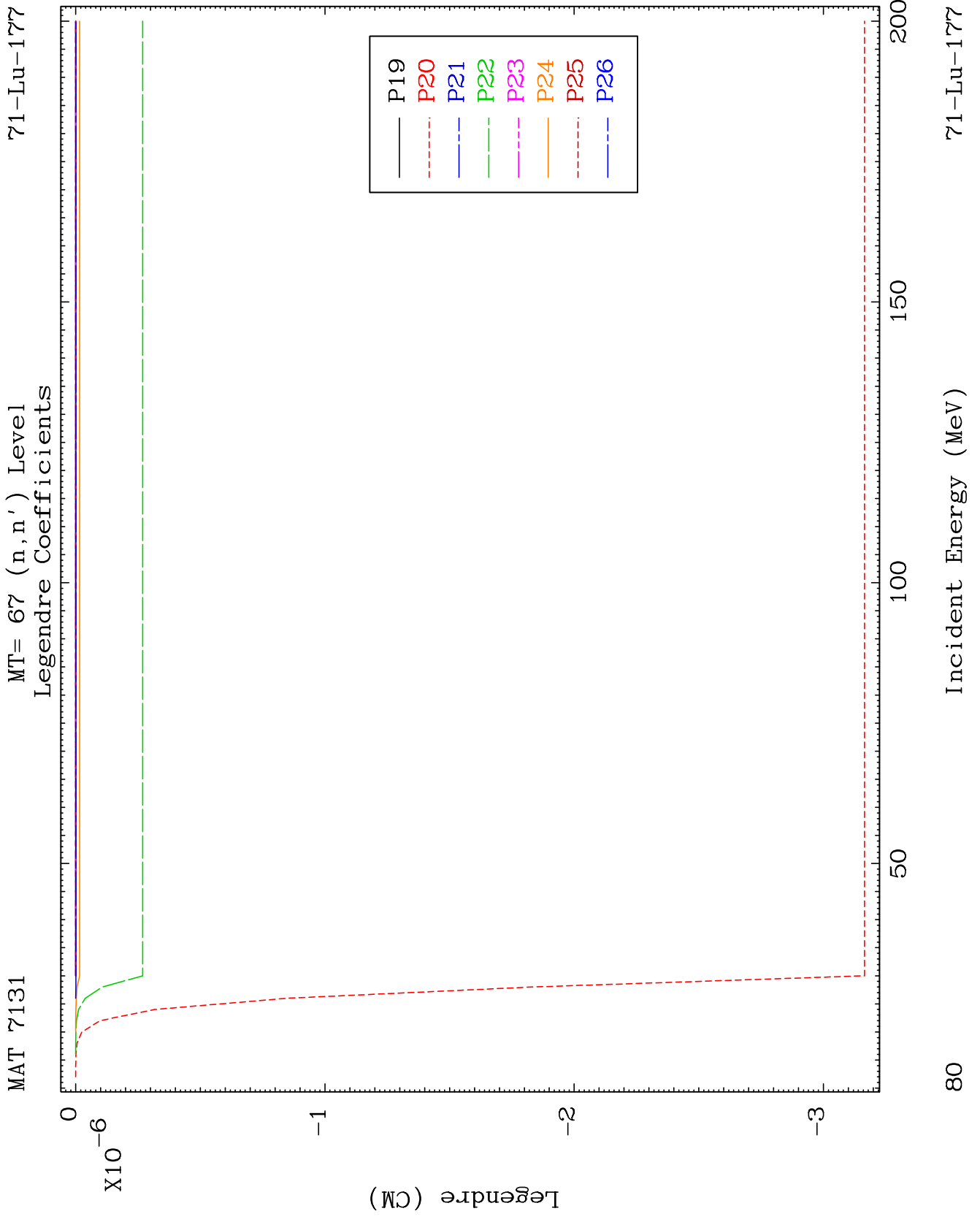


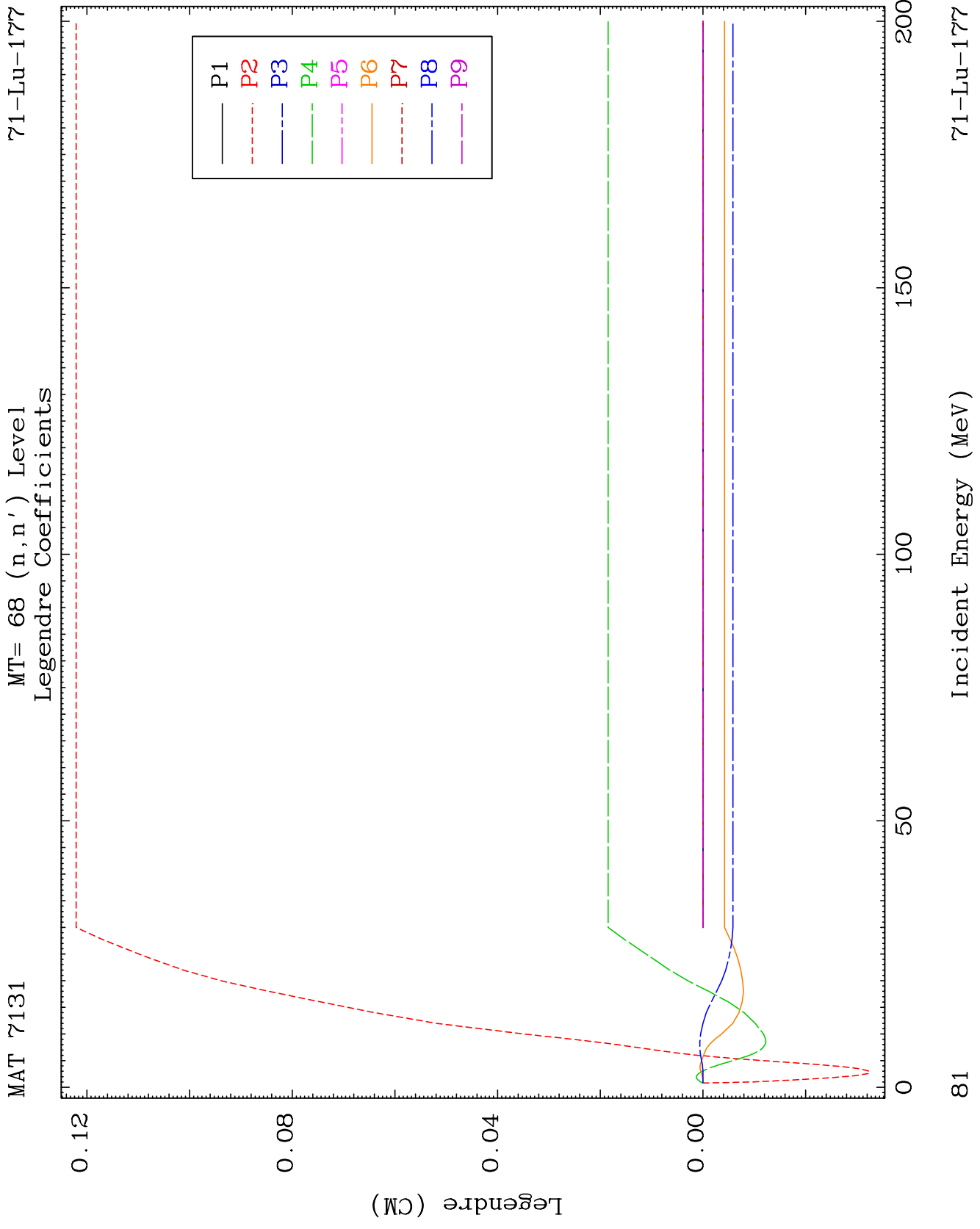
79

Incident Energy (MeV)

71-Lu-177



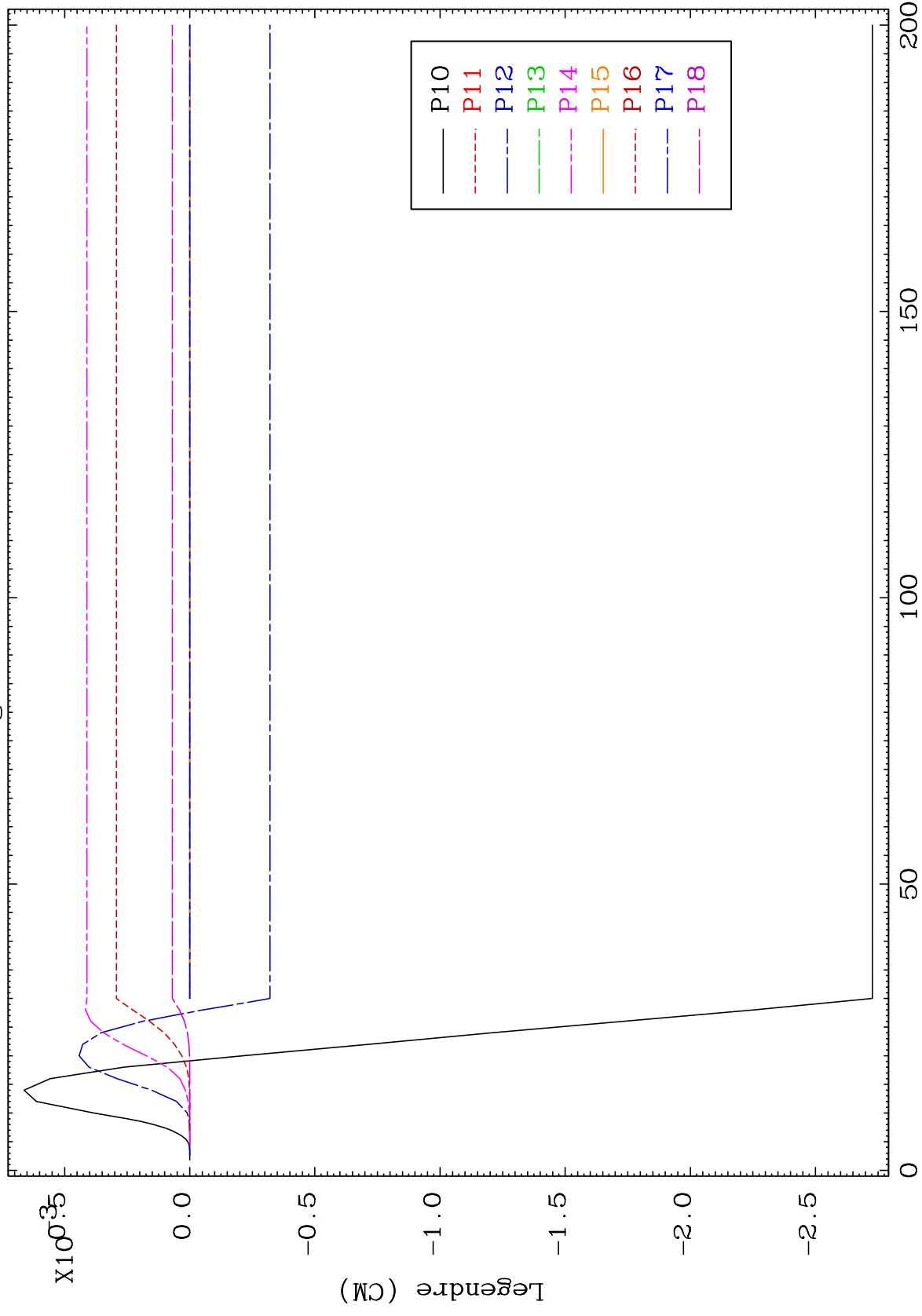




MAT 7131

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

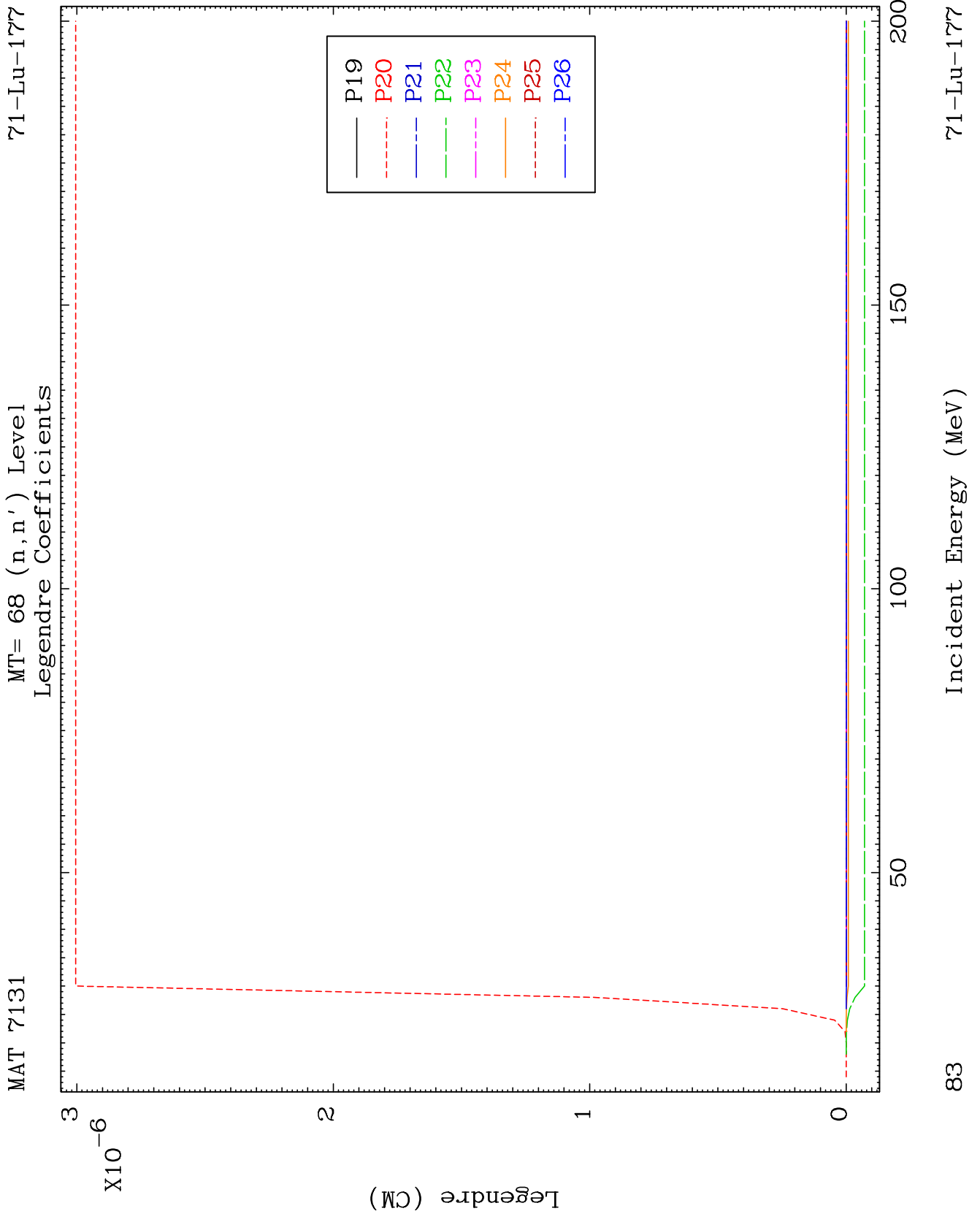
71-Lu-177

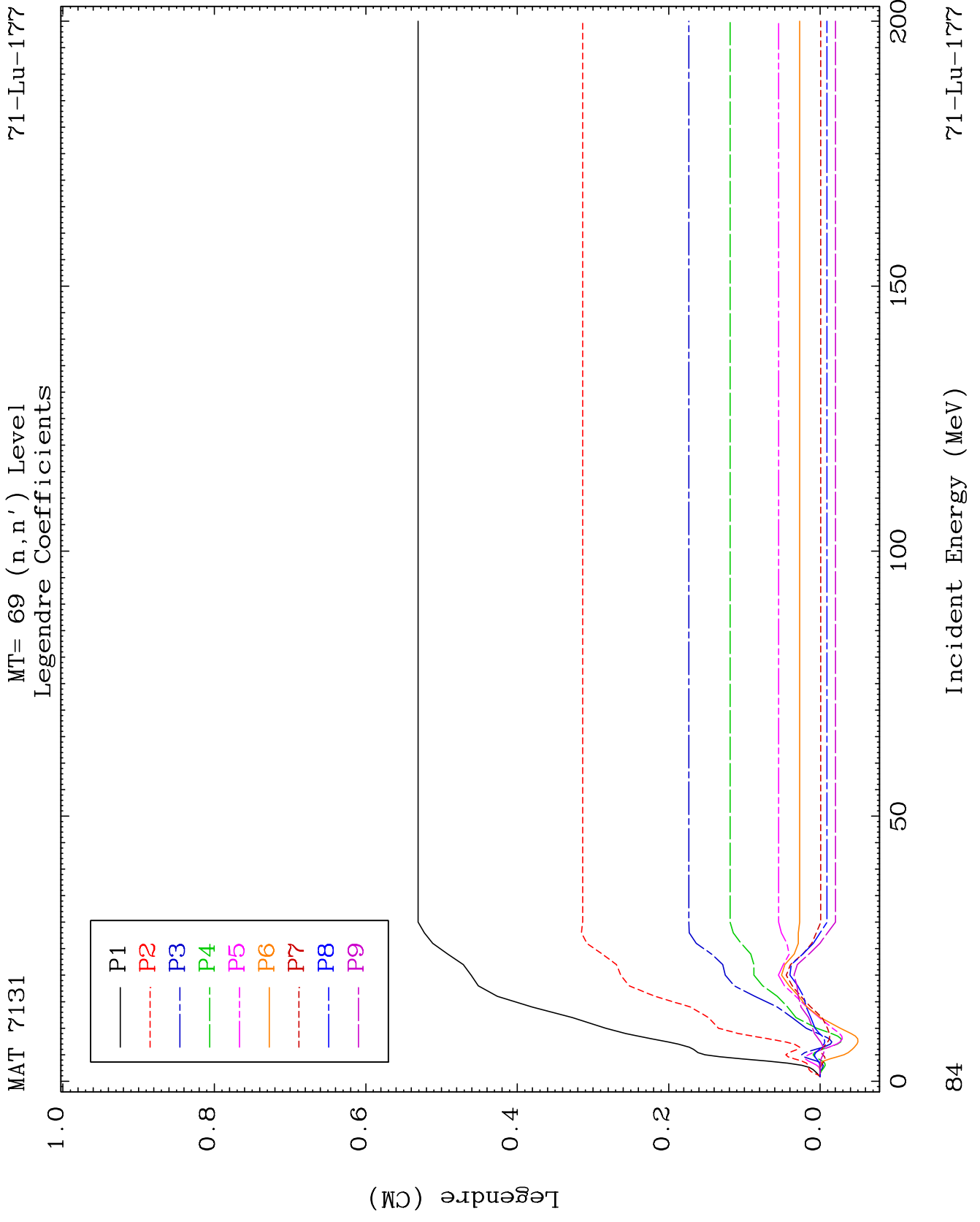


82

Incident Energy (MeV)

71-Lu-177

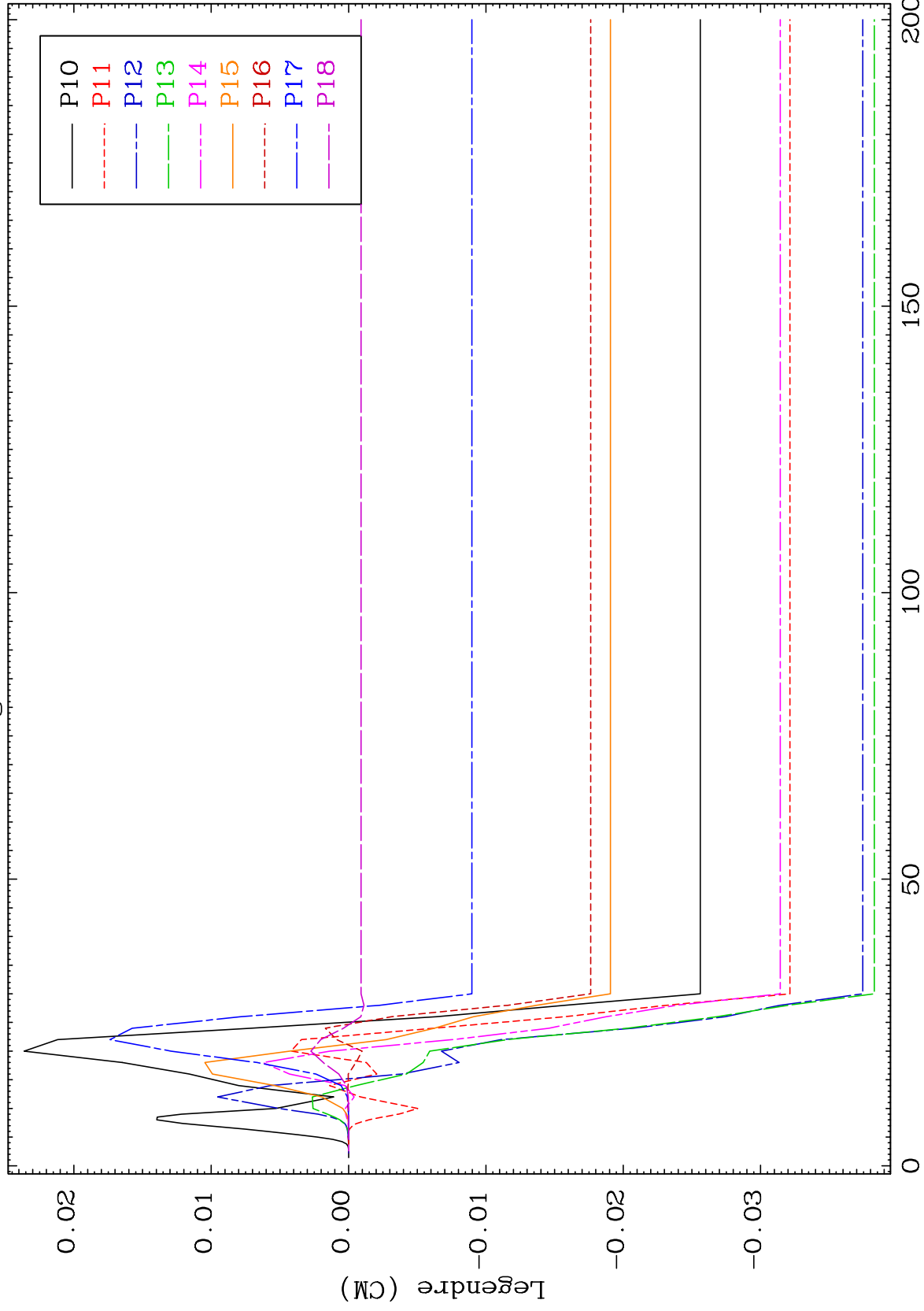




MAT 7131

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

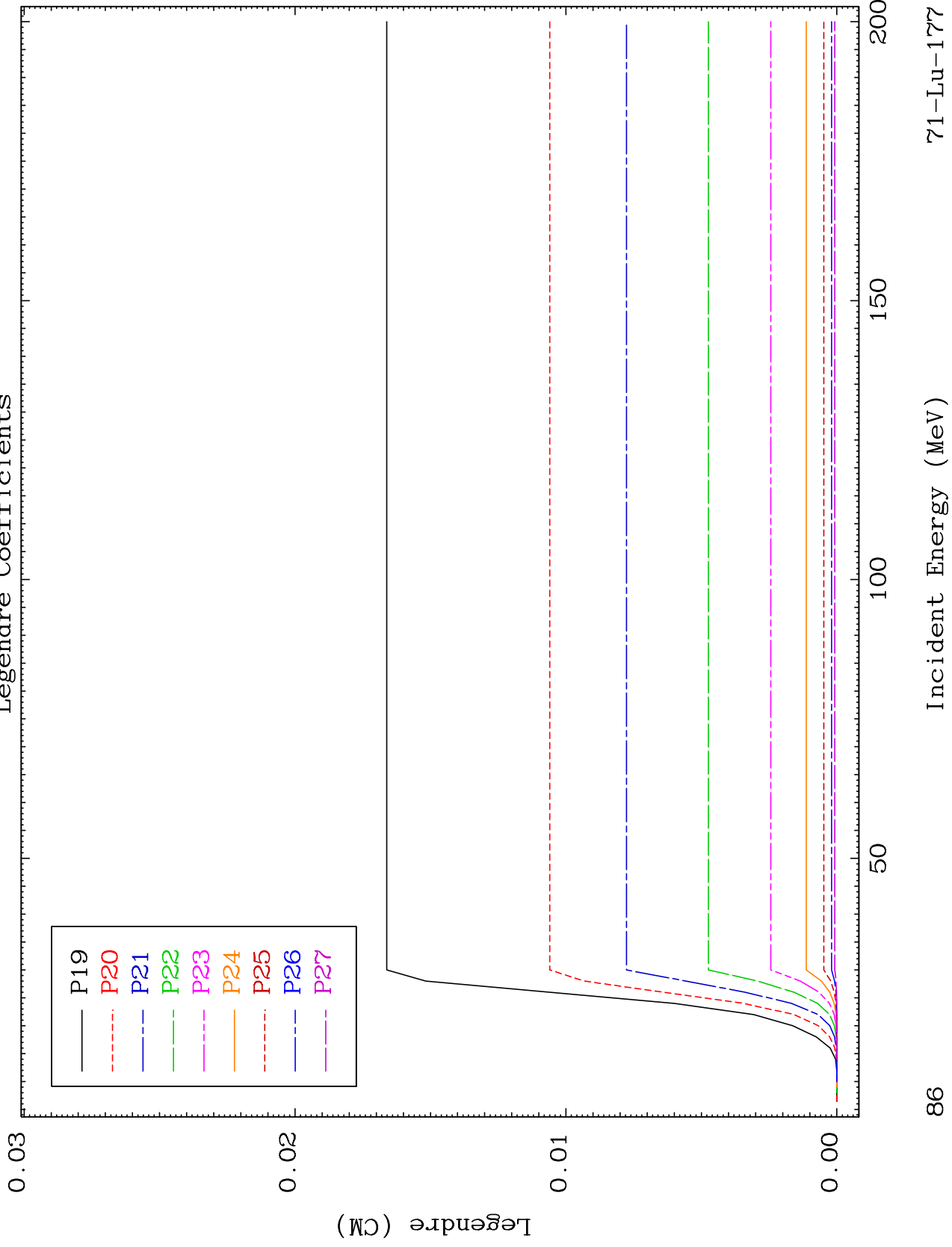
71-Lu-177



85

Incident Energy (MeV)

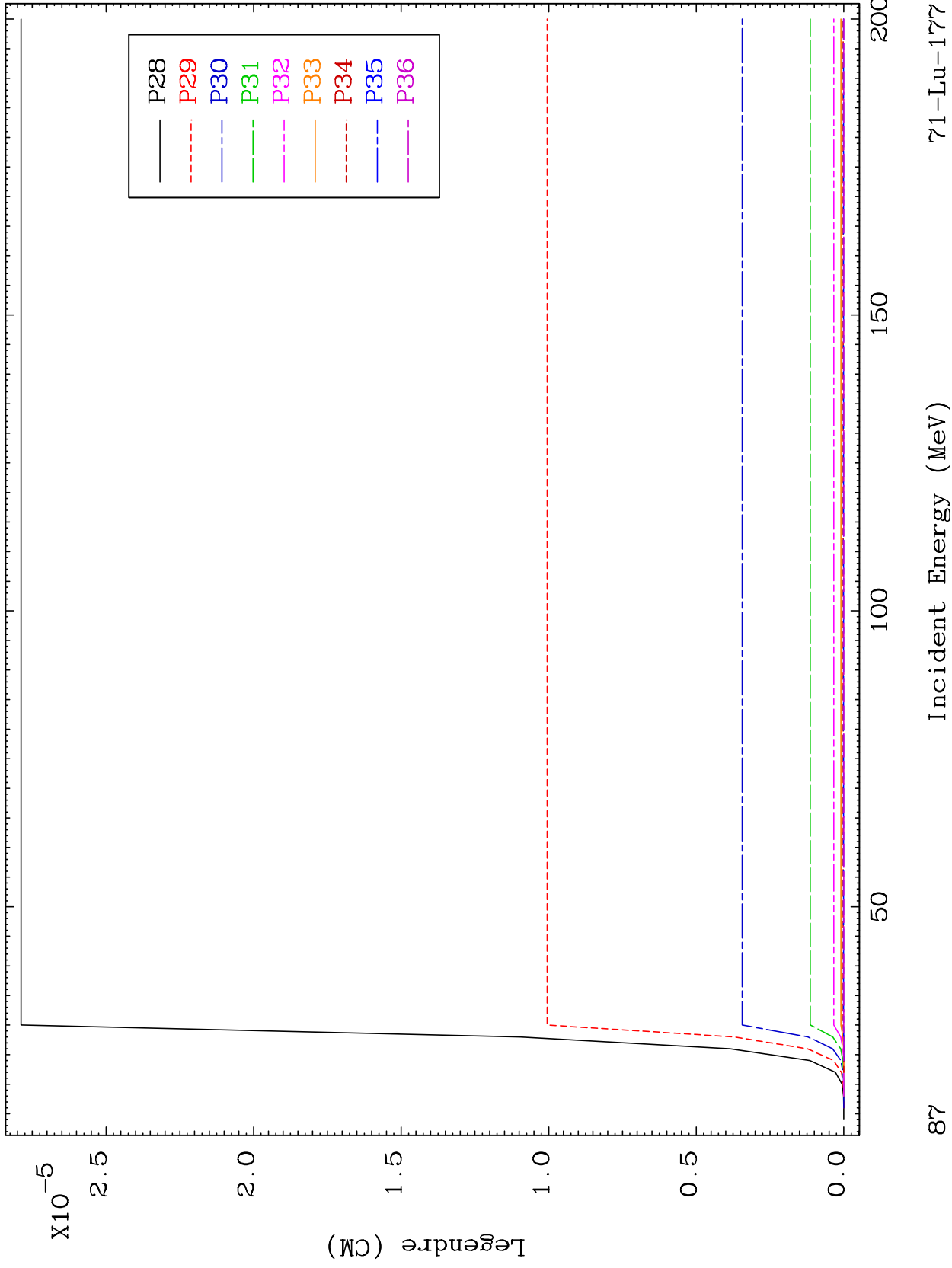
71-Lu-177



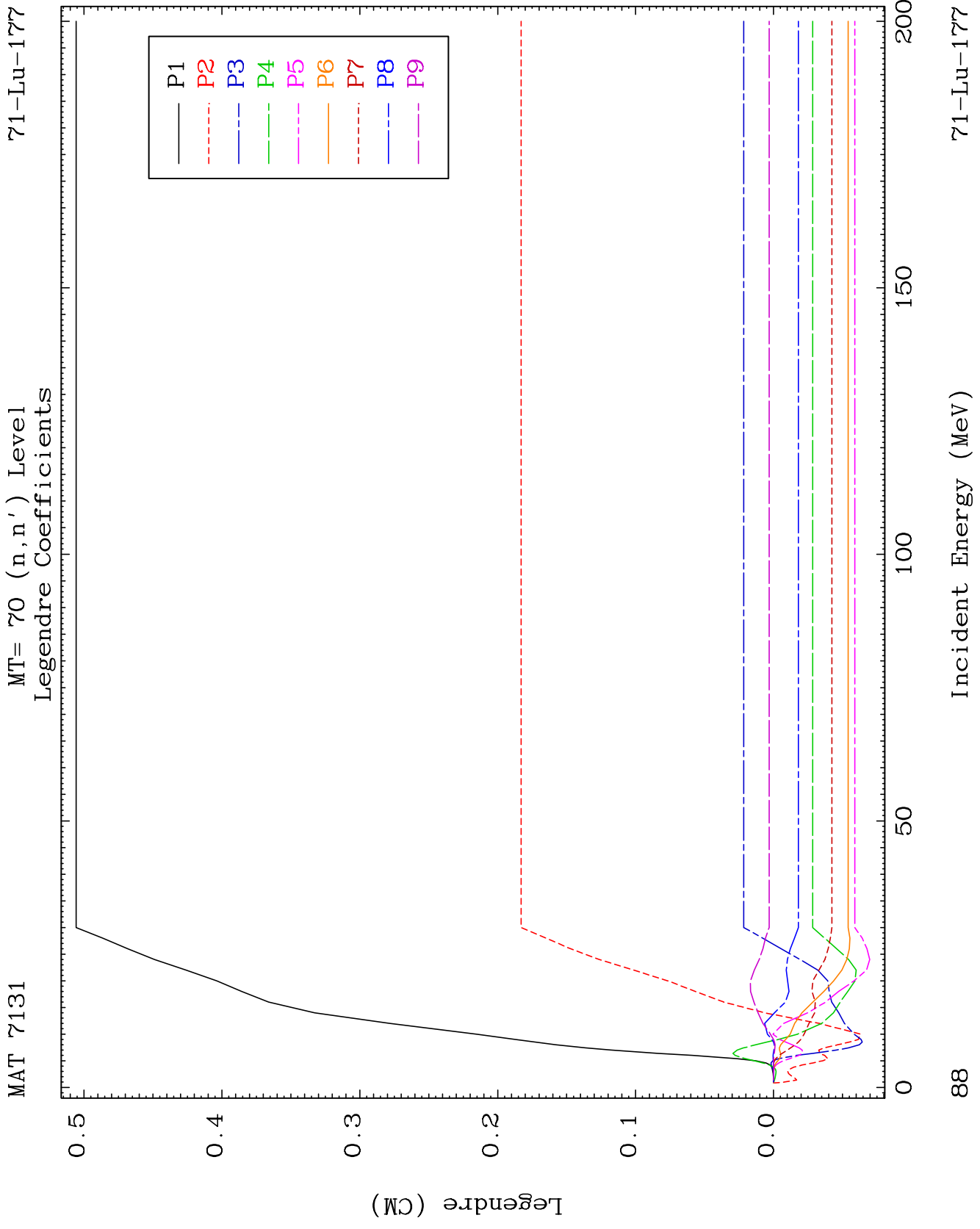
MAT 7131

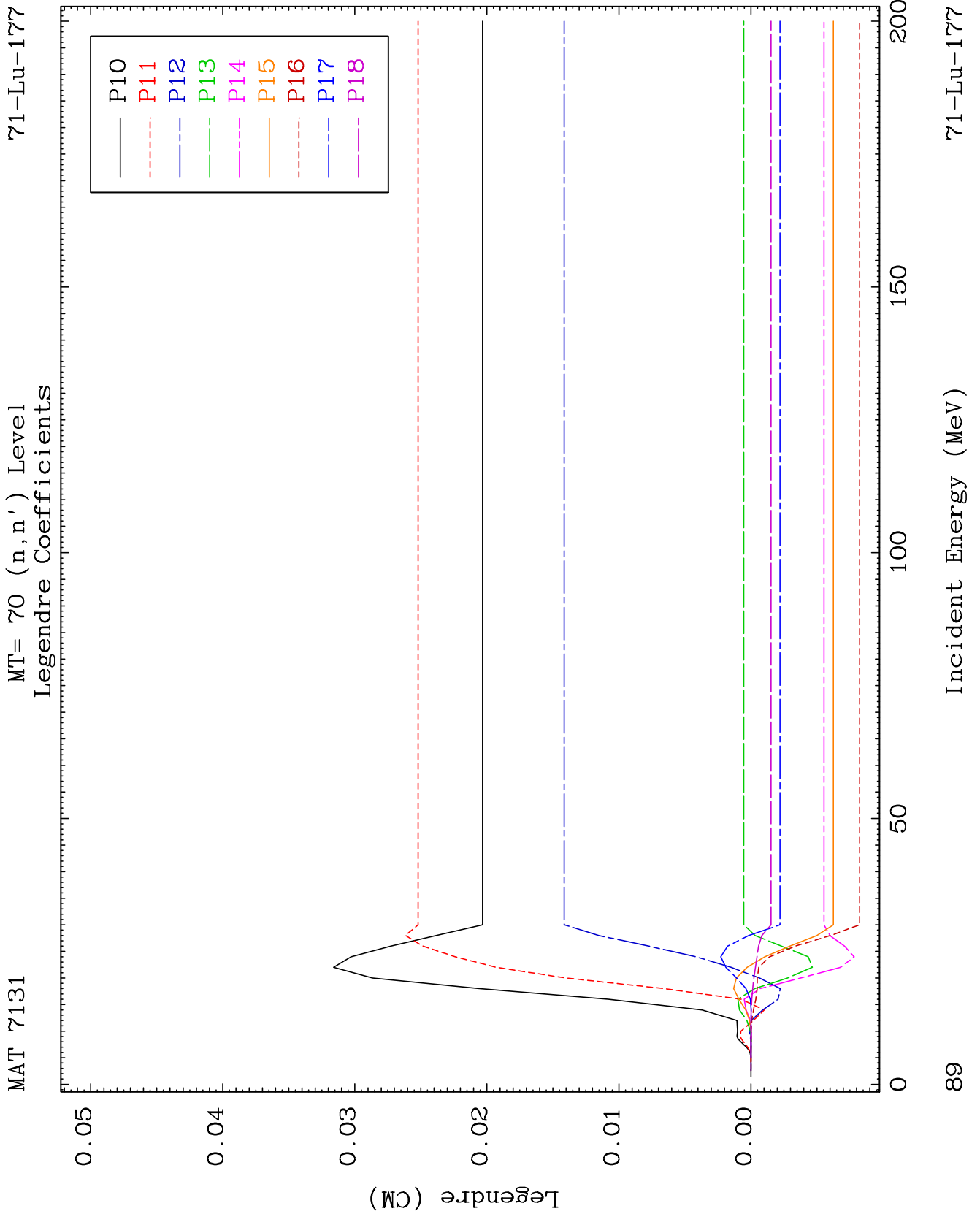
MT= 69 (n,n') Level  
Legendre Coefficients

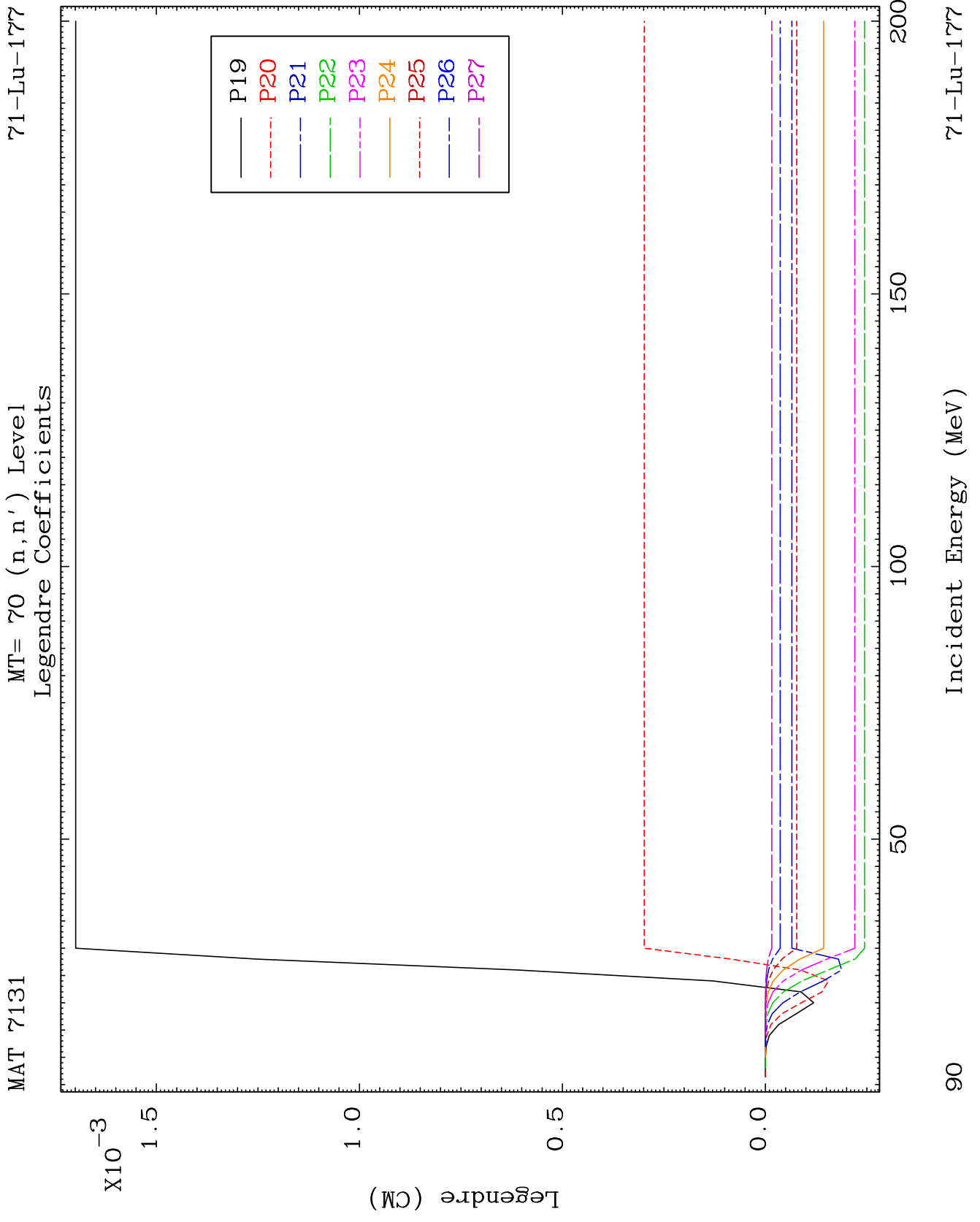
71-Lu-177

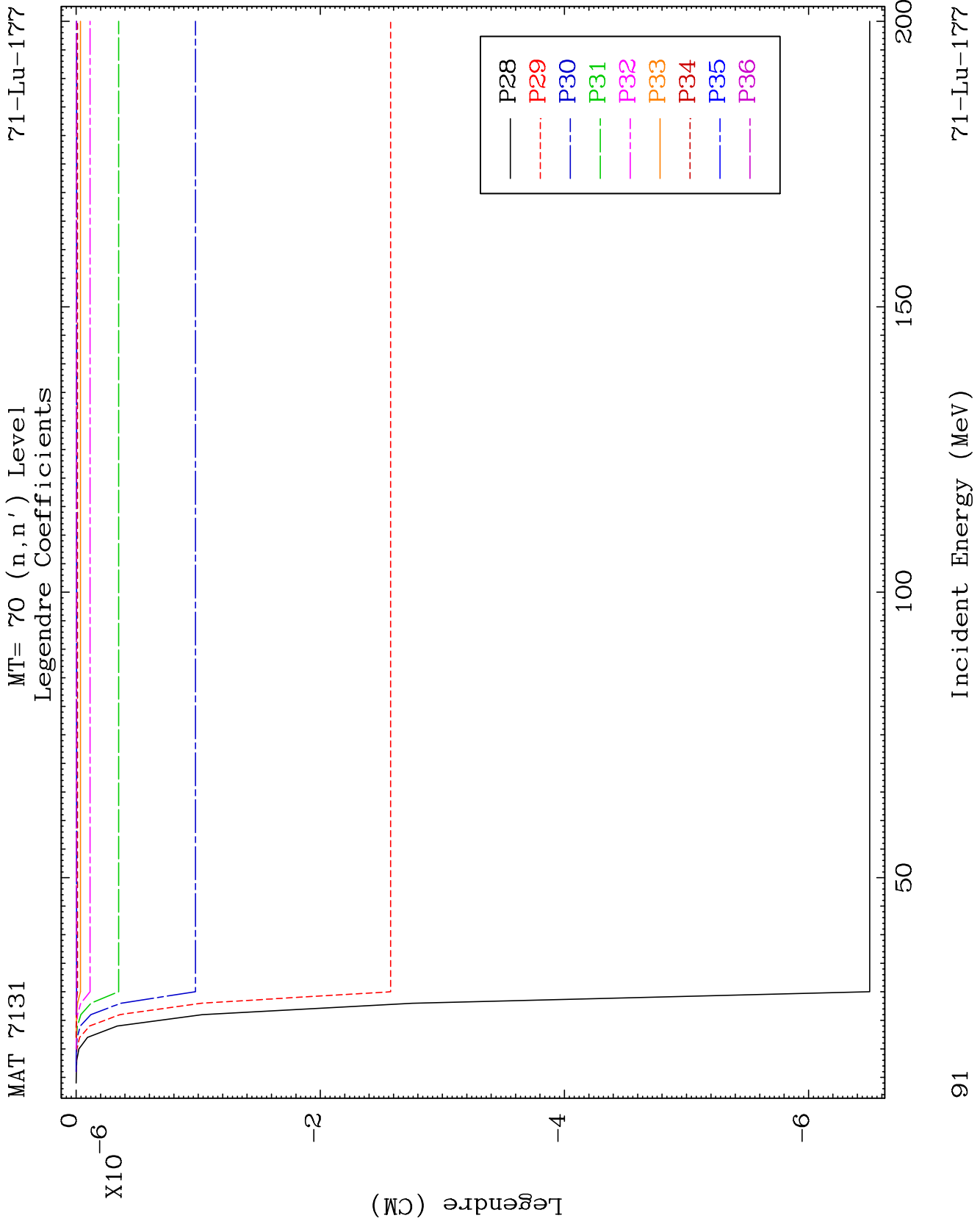










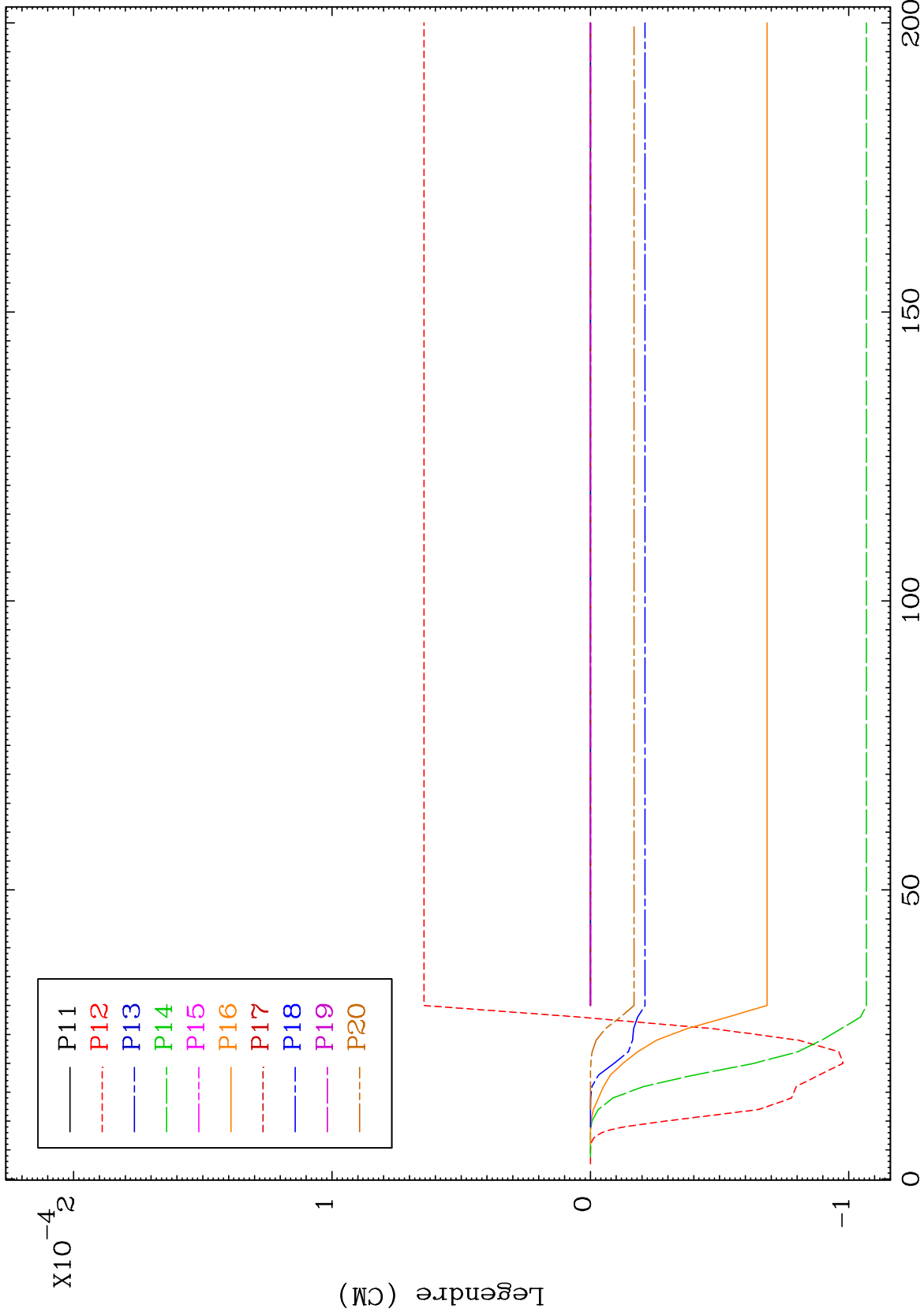




MAT 7131

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

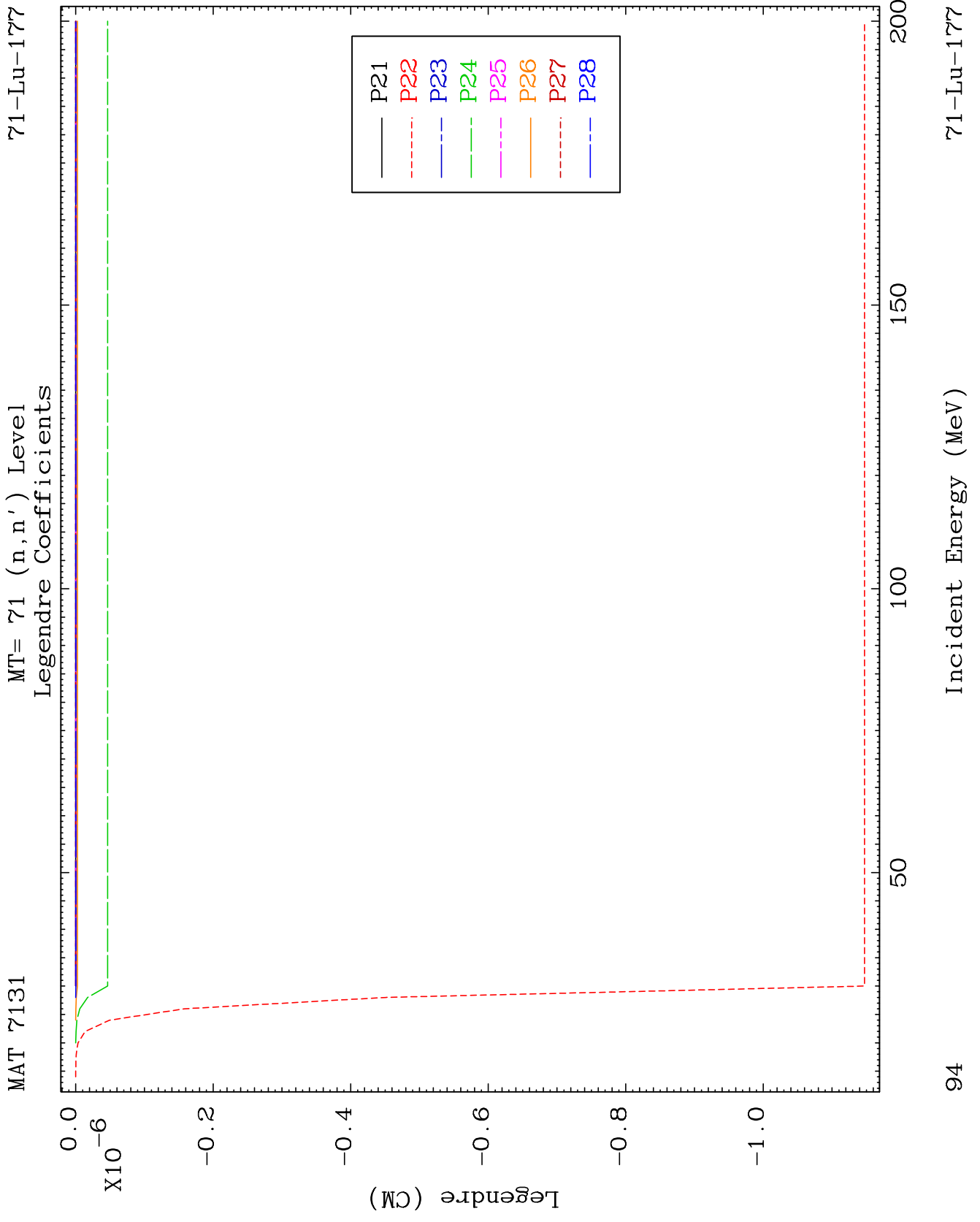
71-Lu-177



93

Incident Energy (MeV)

71-Lu-177



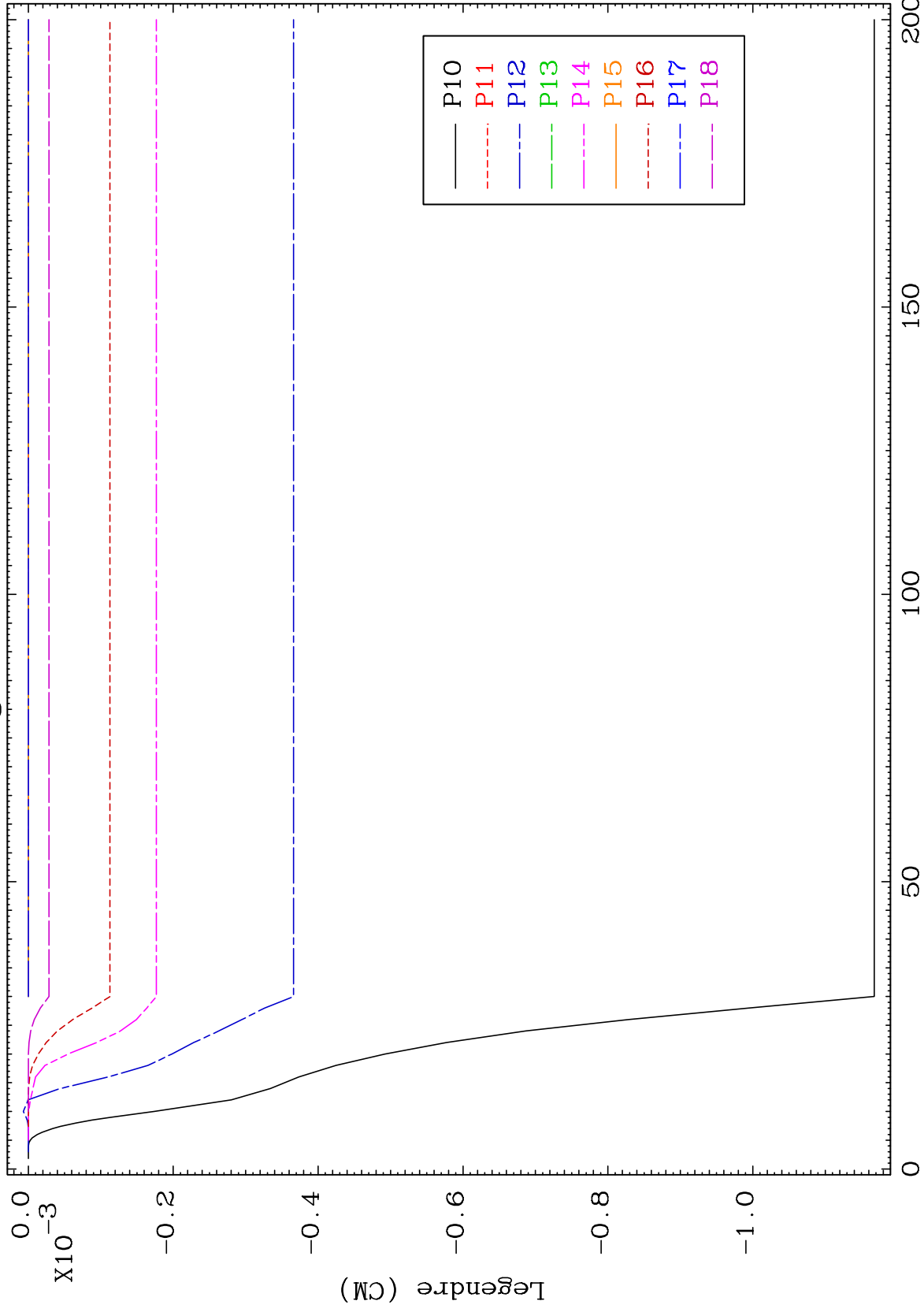




MAT 7131

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

71-Lu-177



96

Incident Energy (MeV)

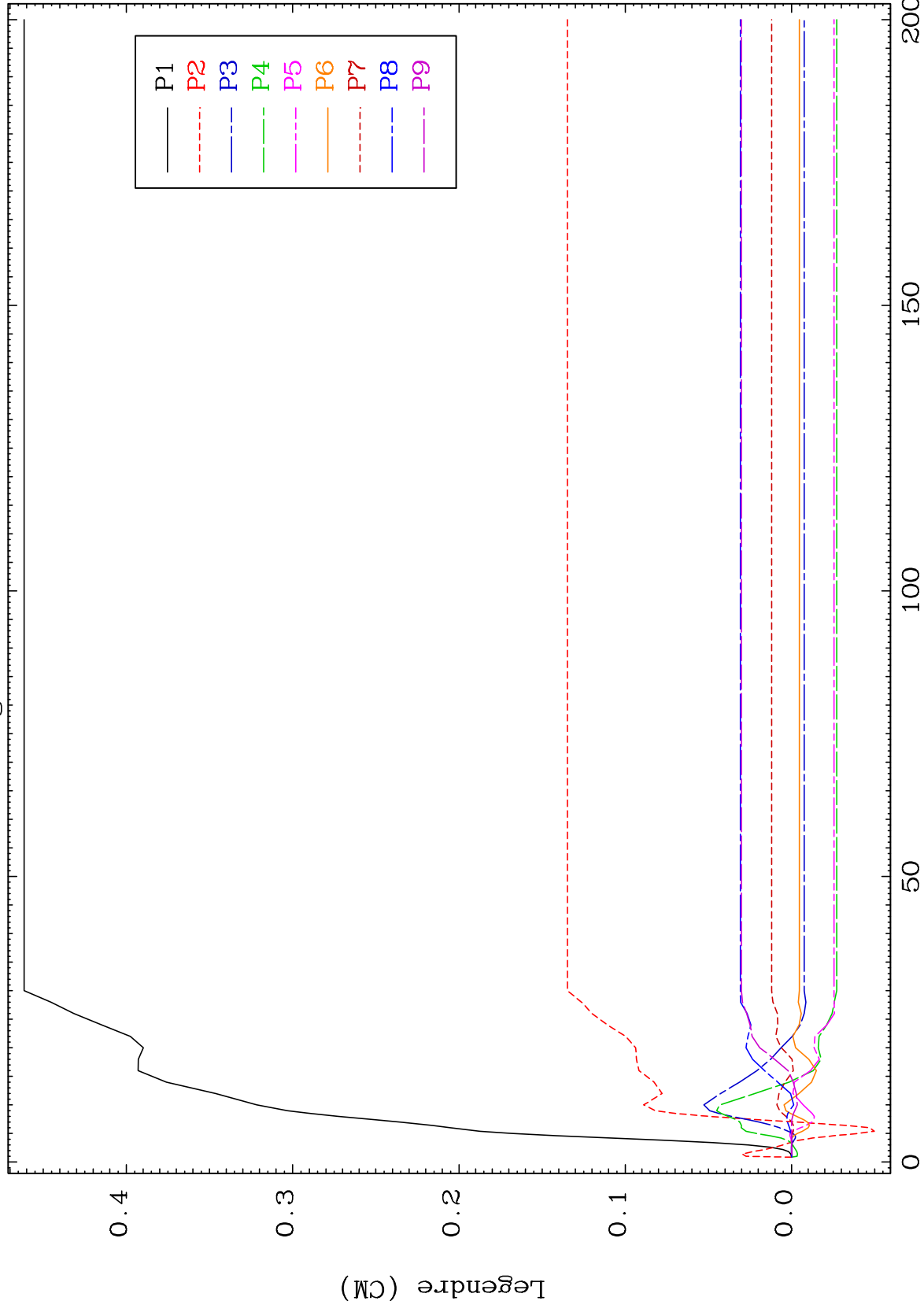
71-Lu-177



MAT 7131

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

71-Lu-177



98

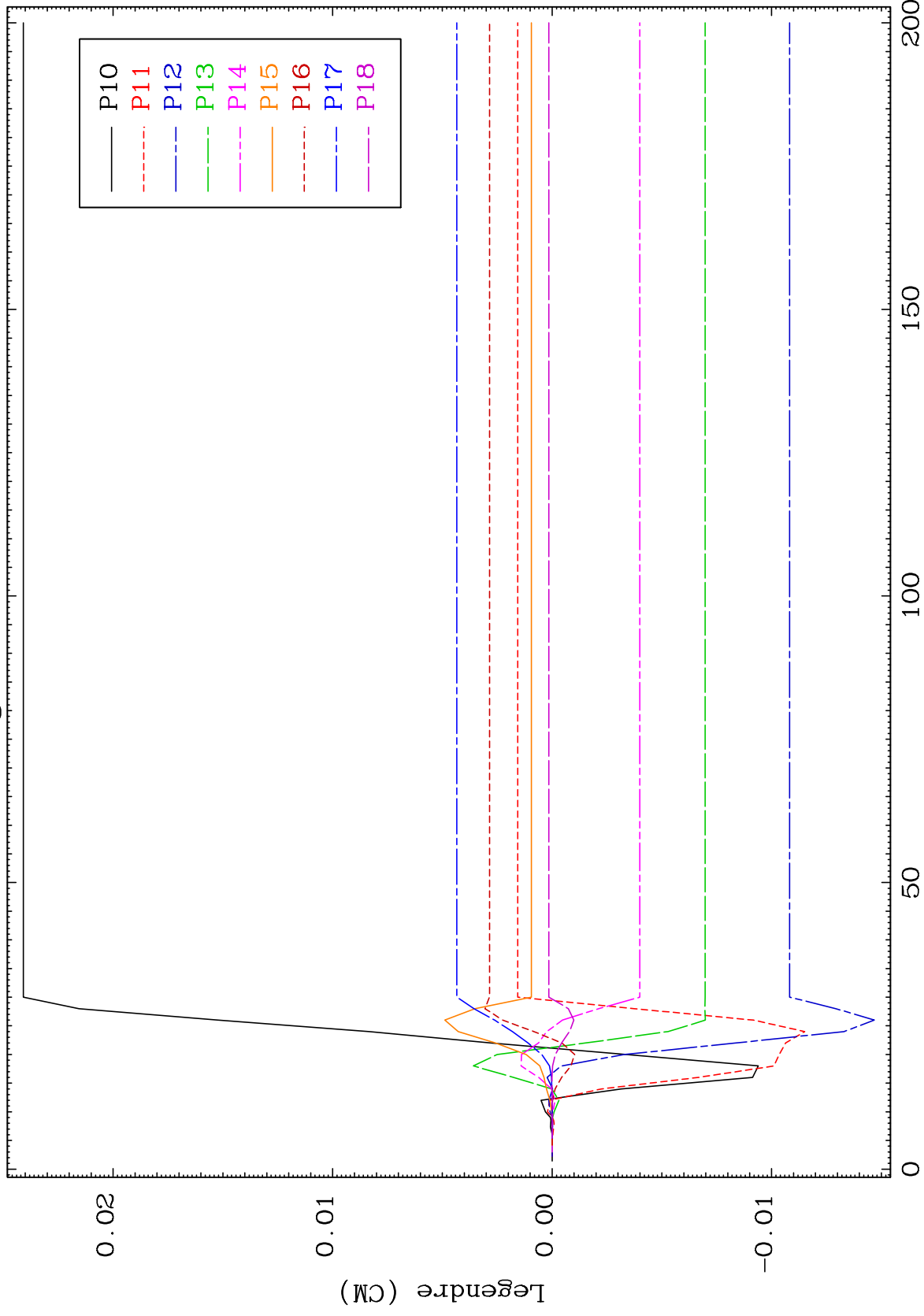
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



99

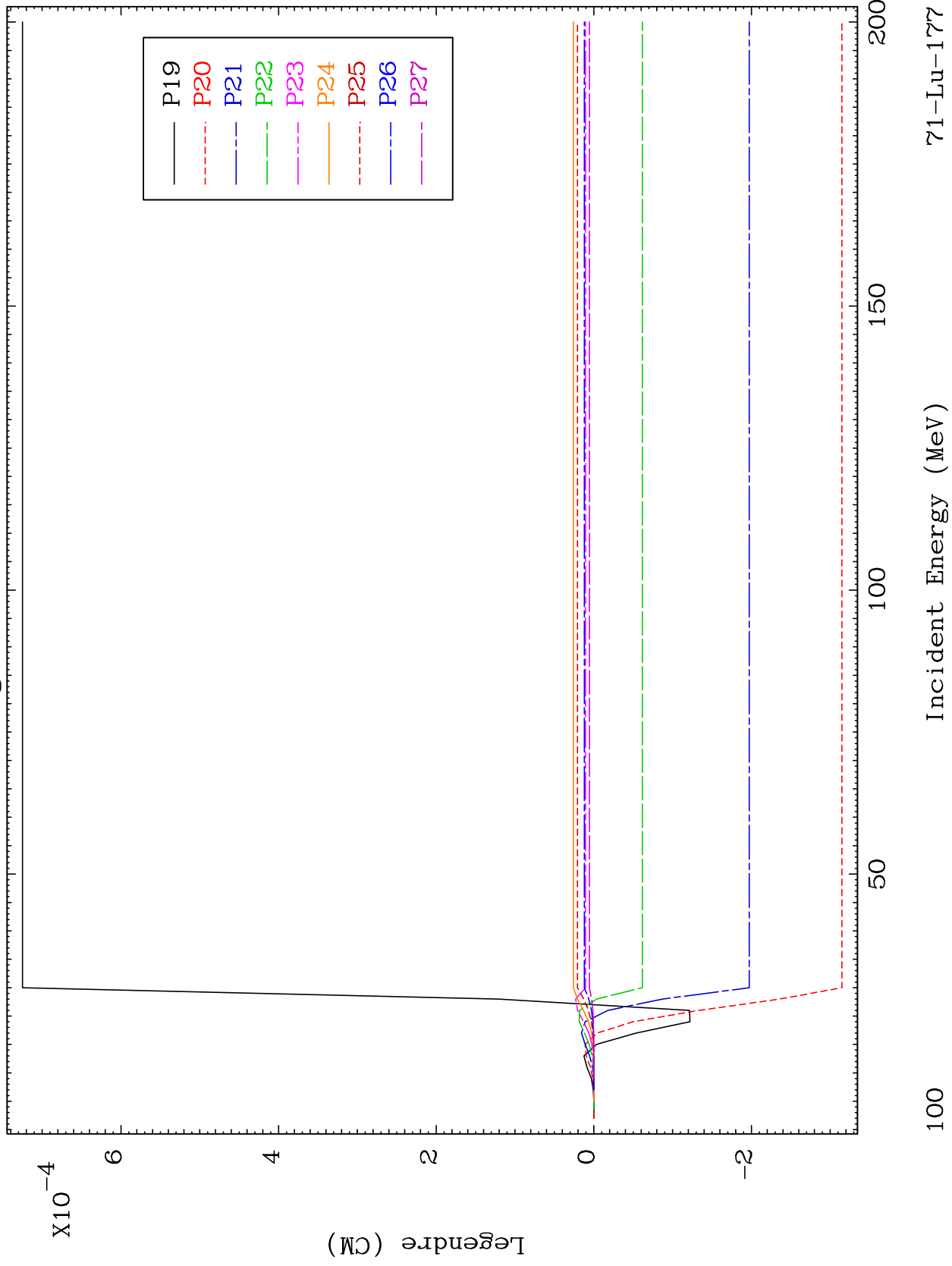
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

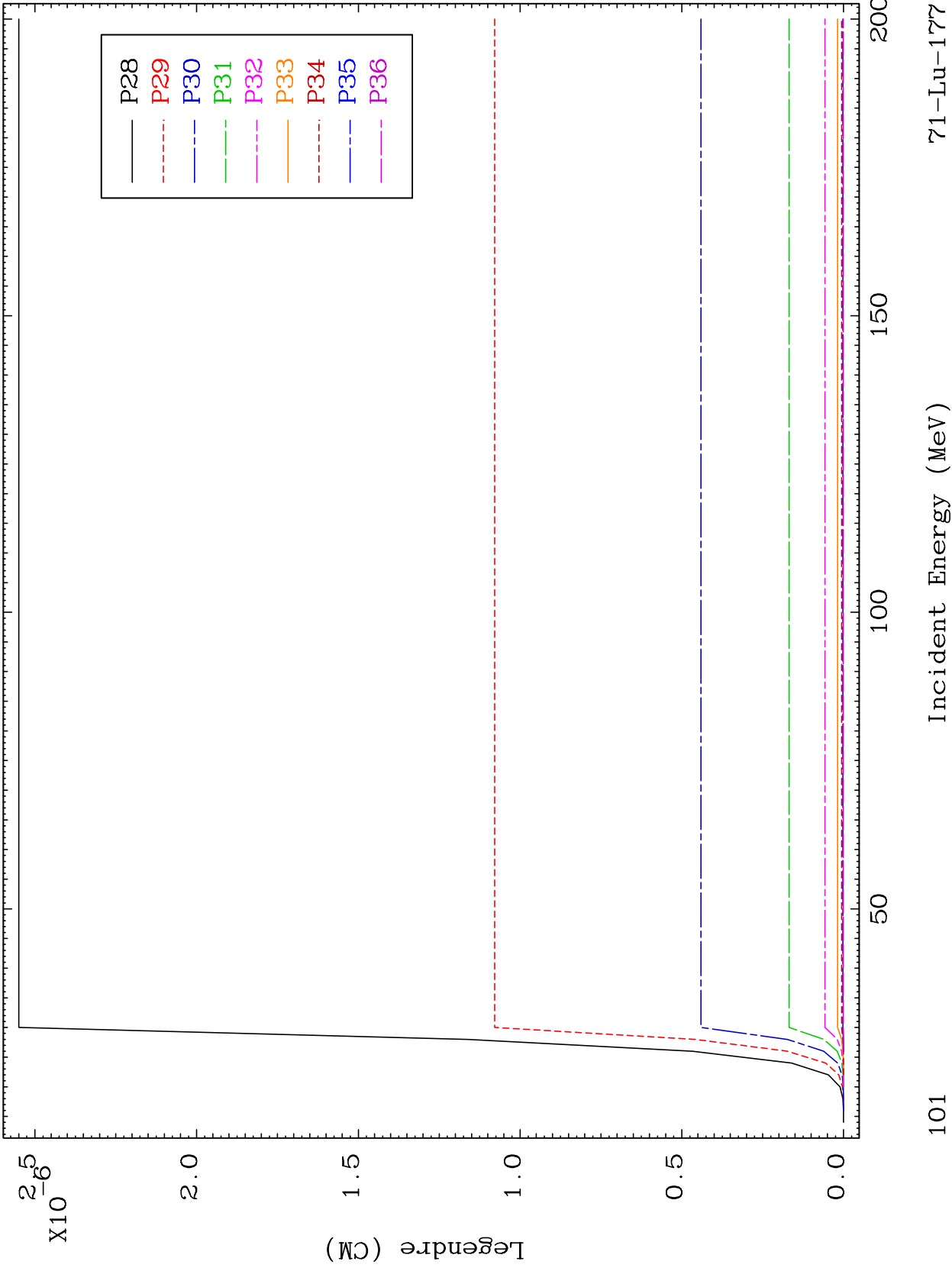
71-Lu-177



MAT 7131

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

71-Lu-177



101

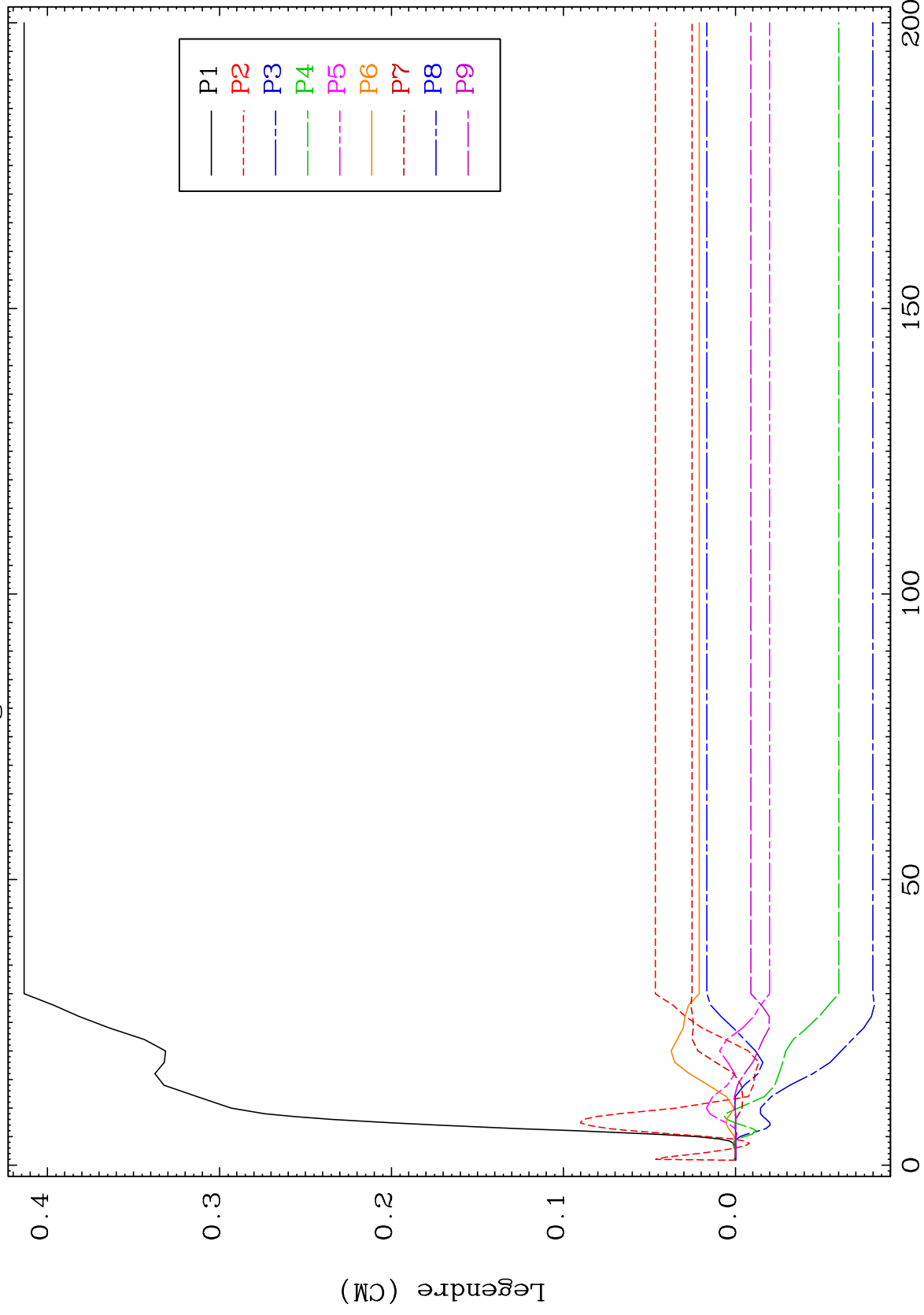
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



102

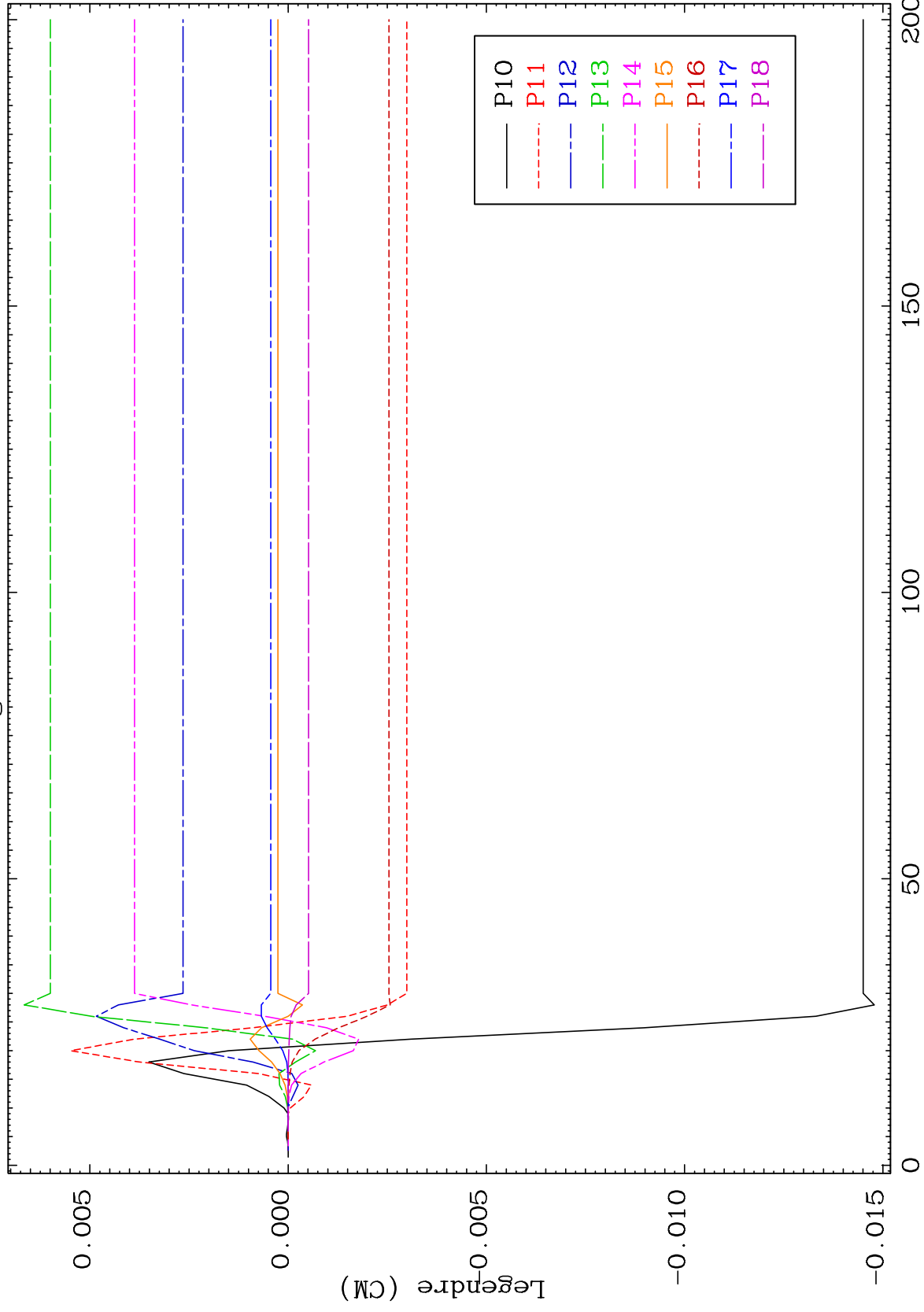
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



103

Incident Energy (MeV)

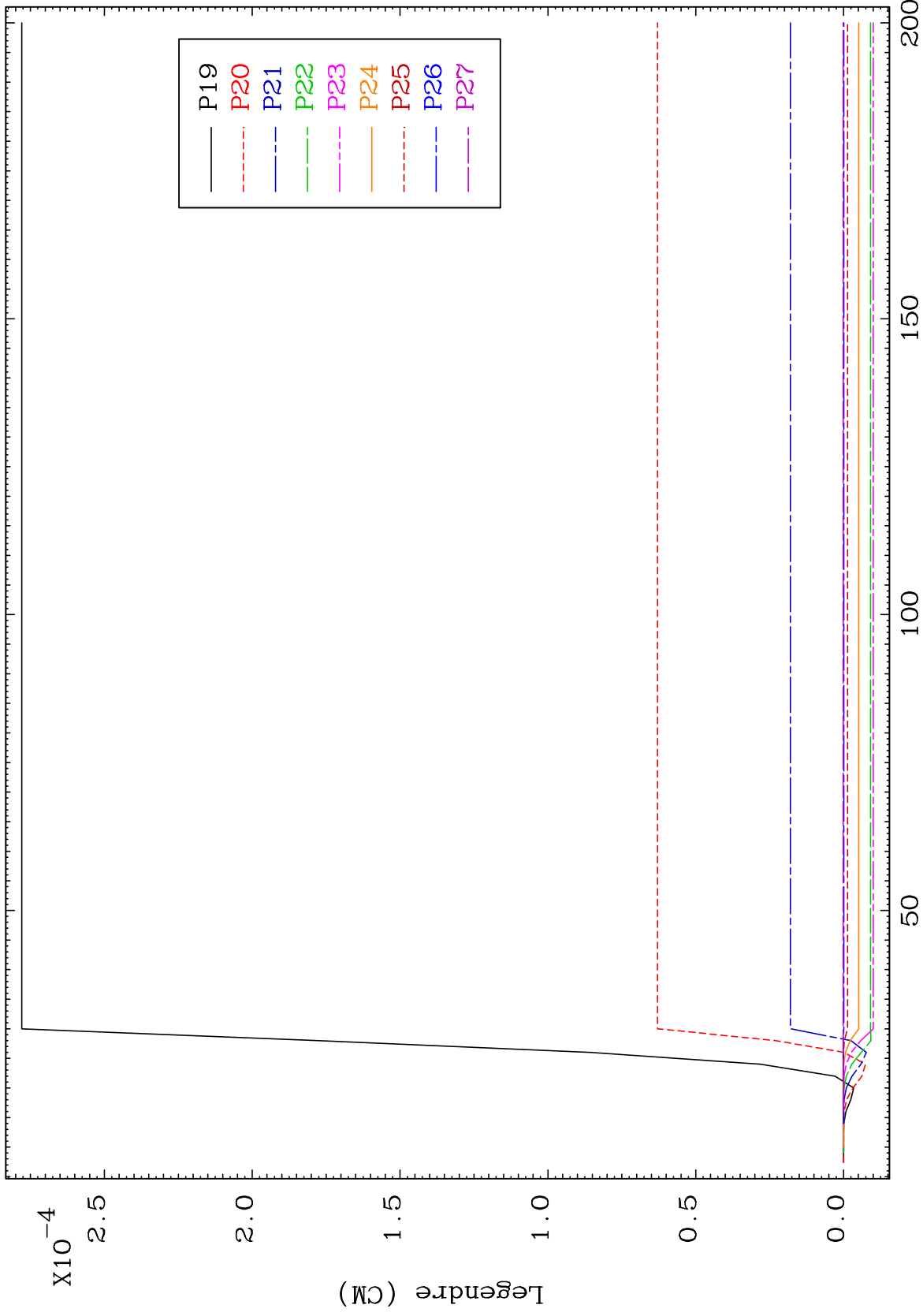
71-Lu-177



MAT 7131

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

71-Lu-177



104

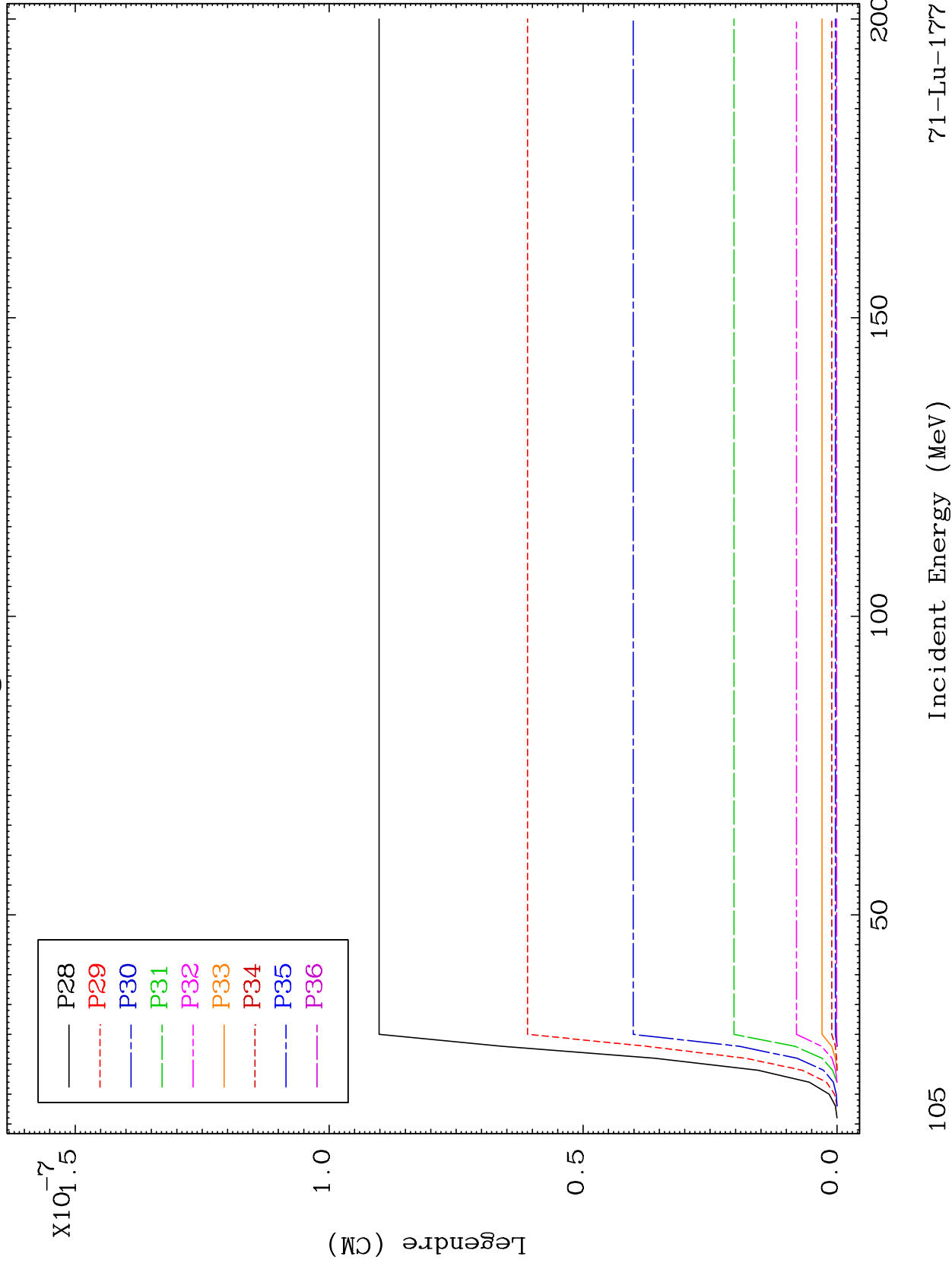
Incident Energy (MeV)

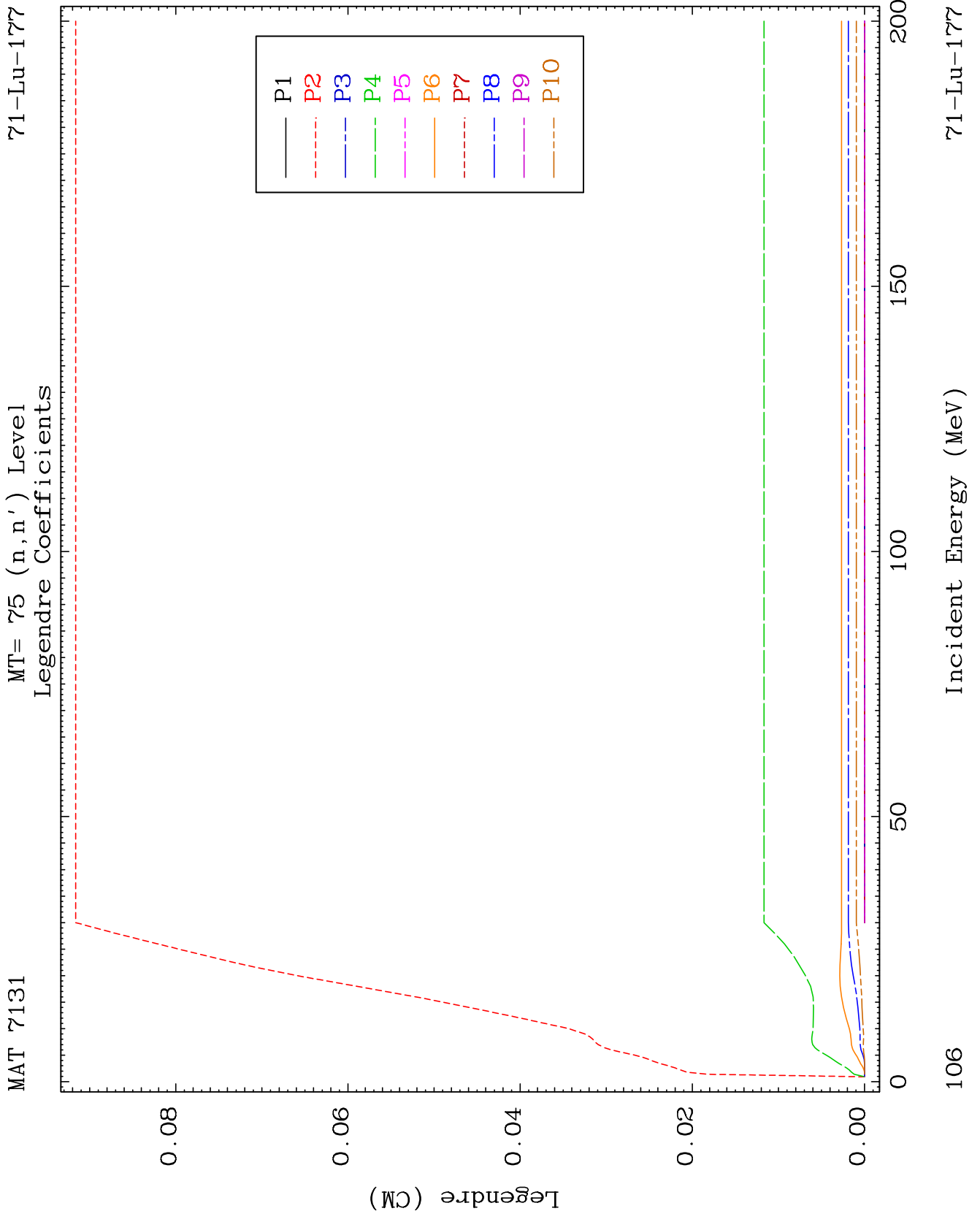
71-Lu-177

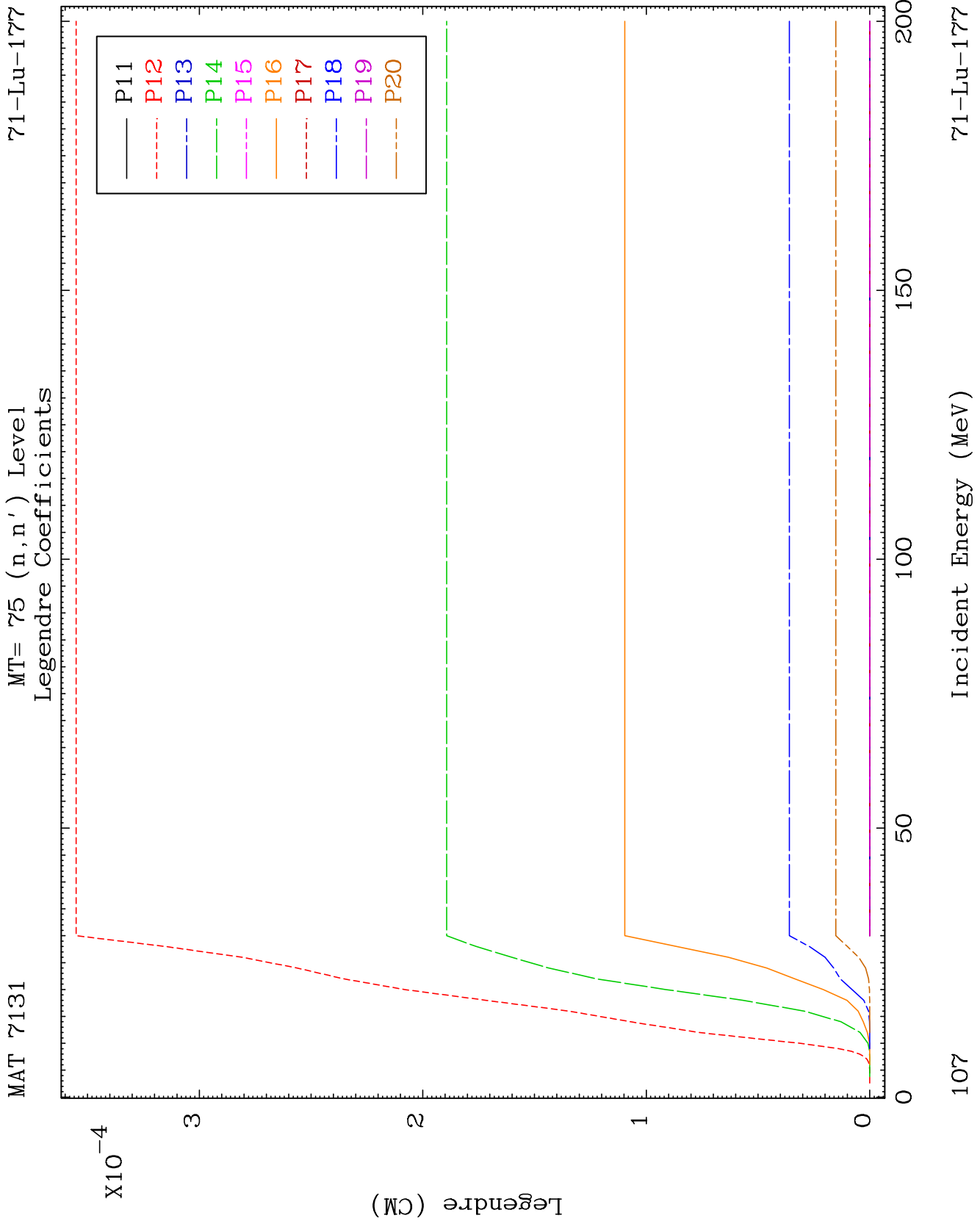
MAT 7131

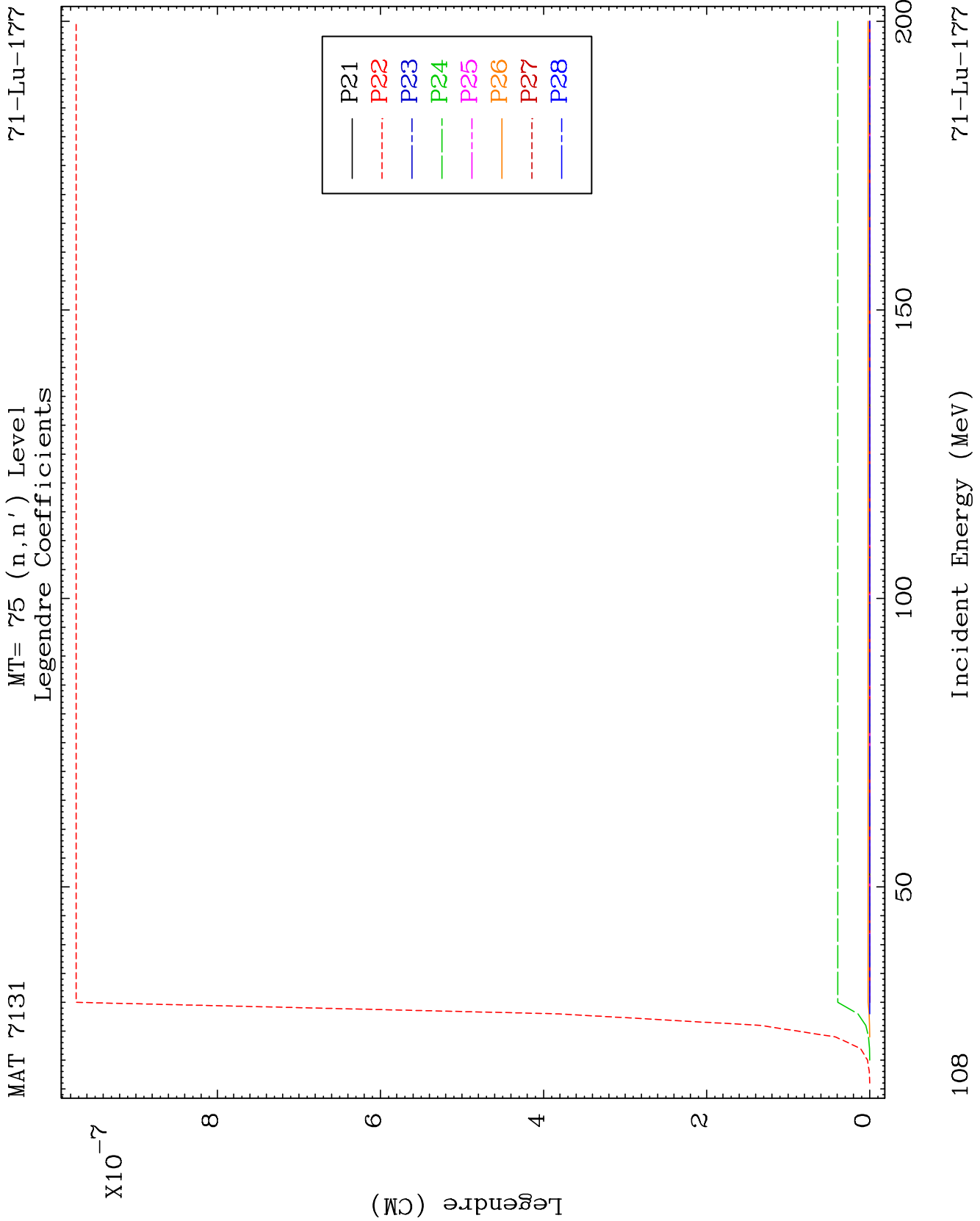
MT= 74 (n,n') Level  
Legendre Coefficients

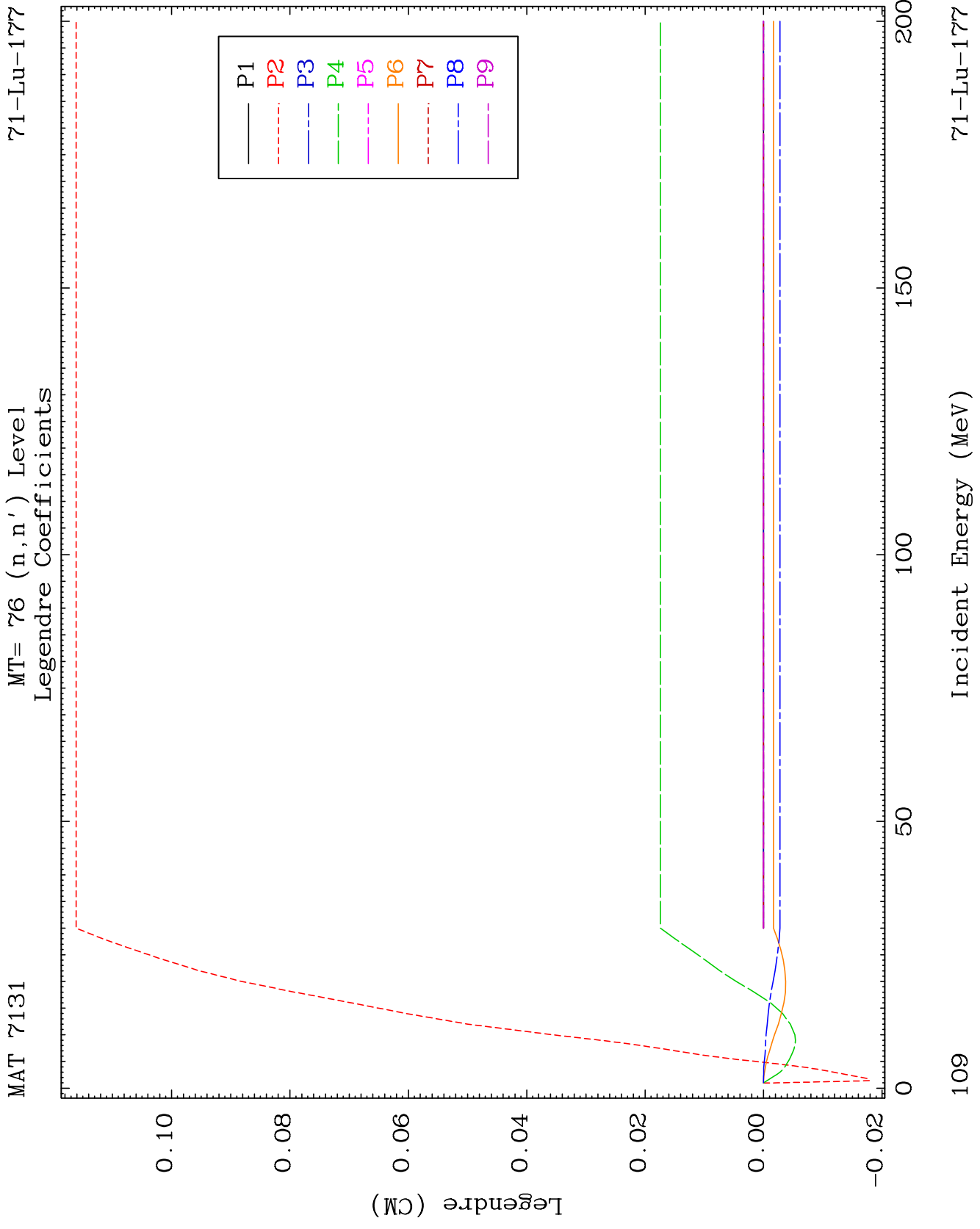
71-Lu-177

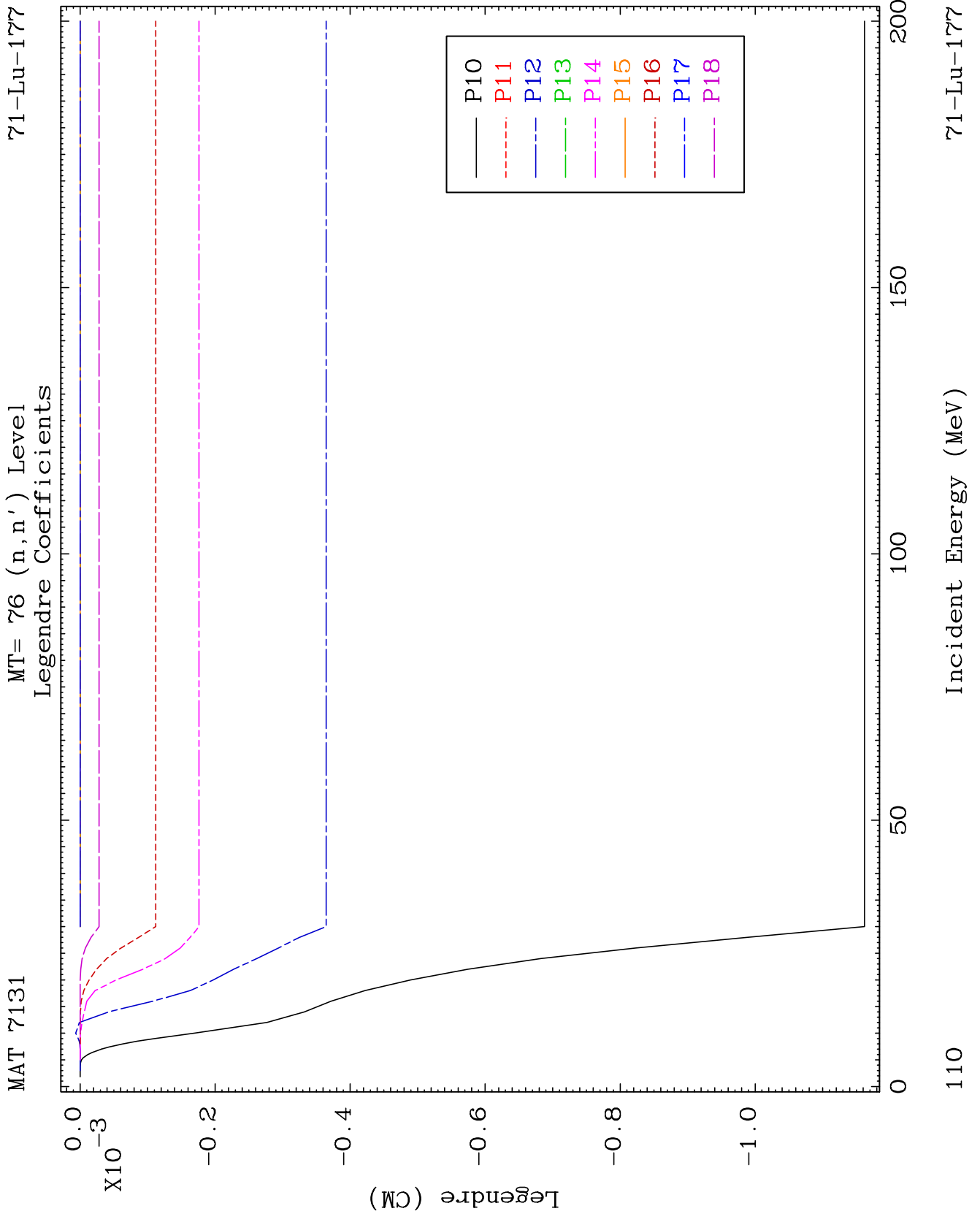












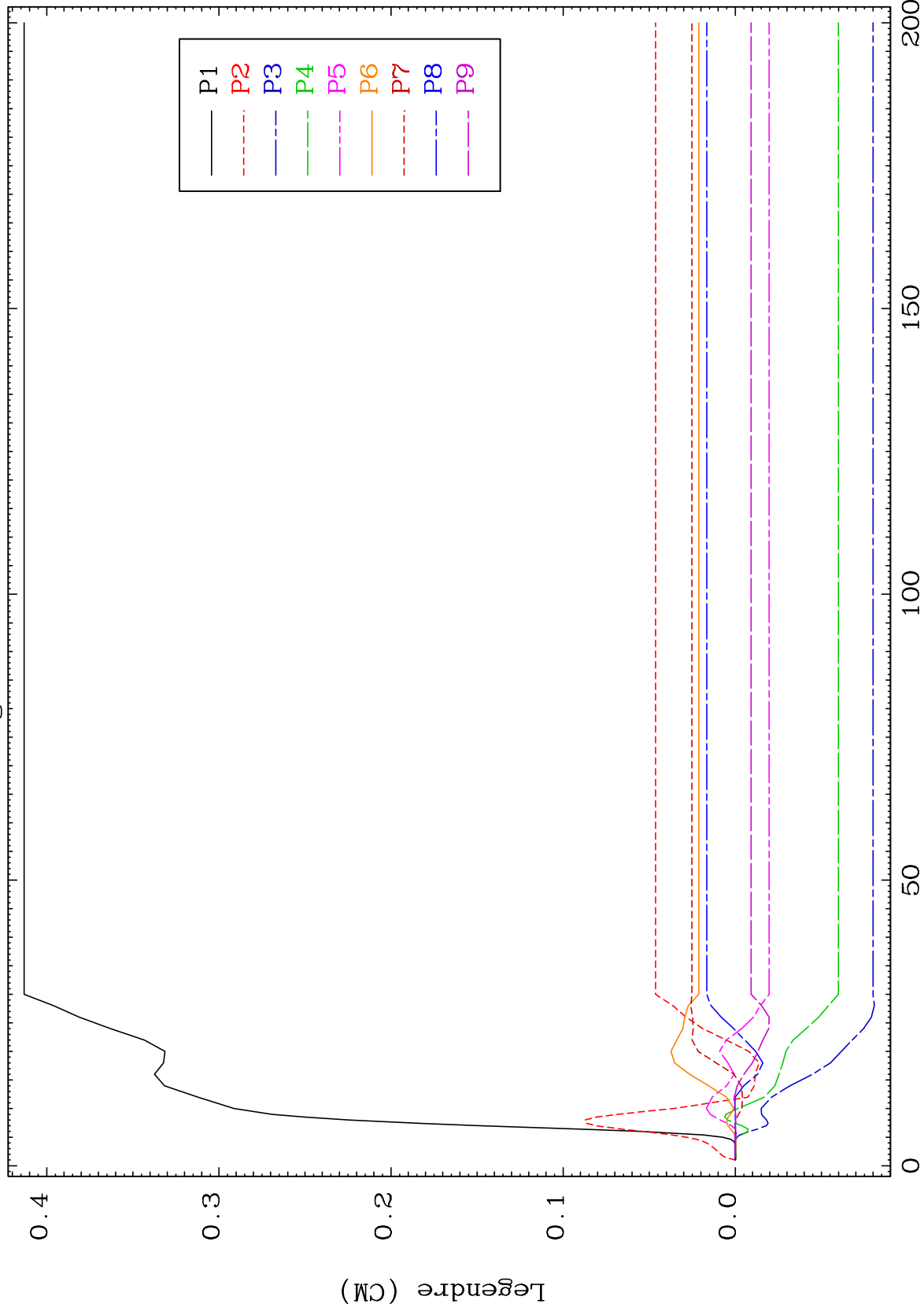




MAT 7131

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

71-Lu-177



112

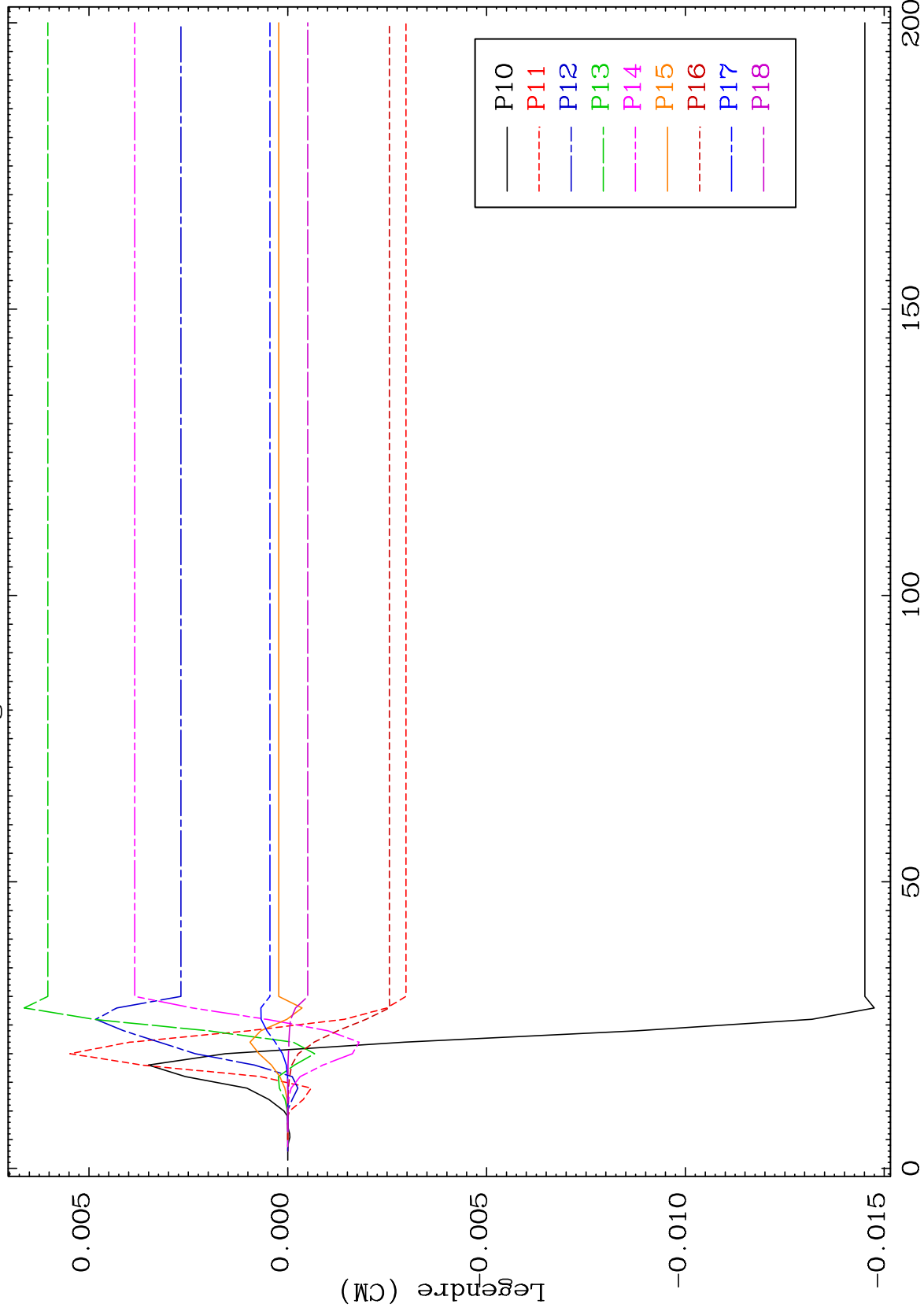
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



113

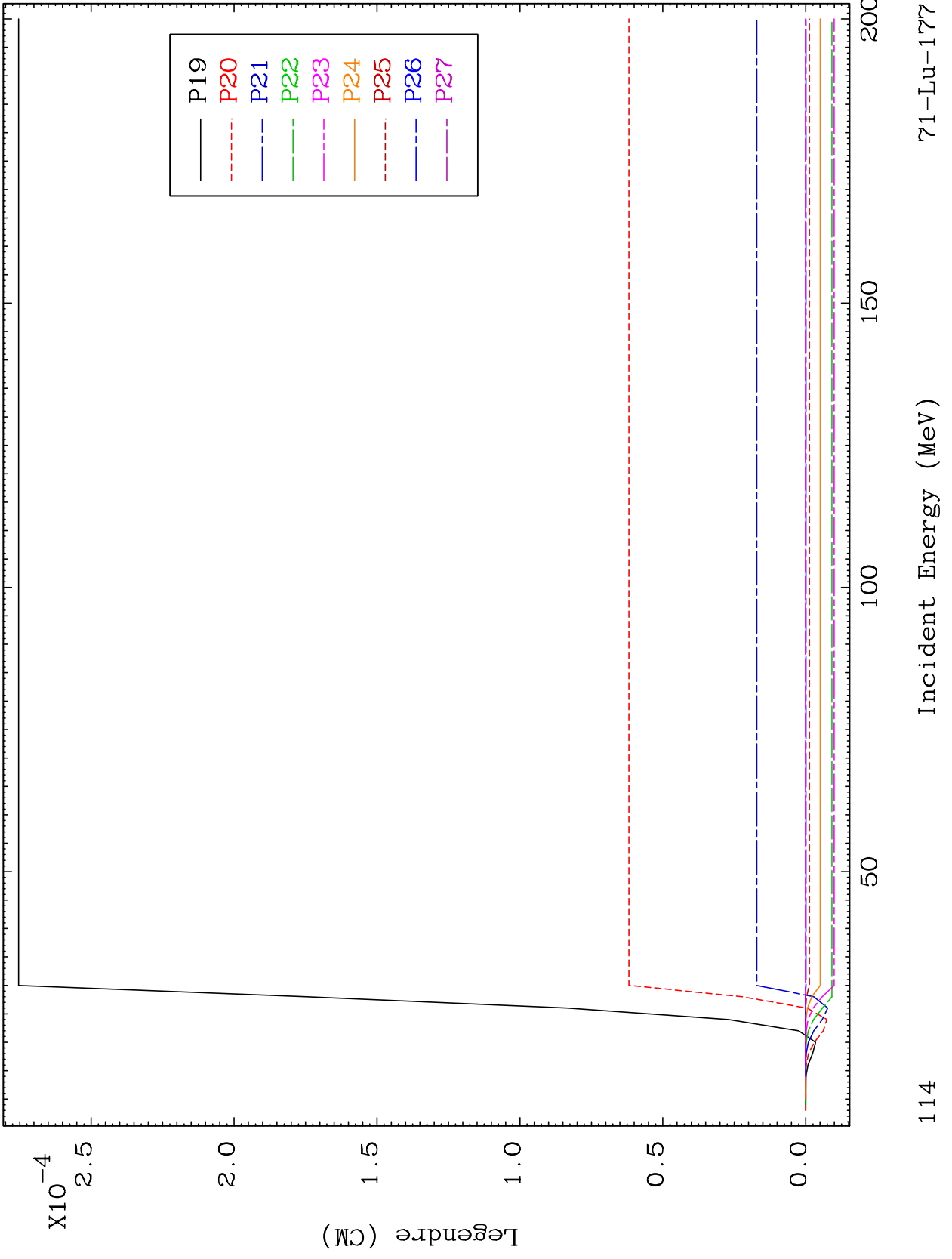
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



114

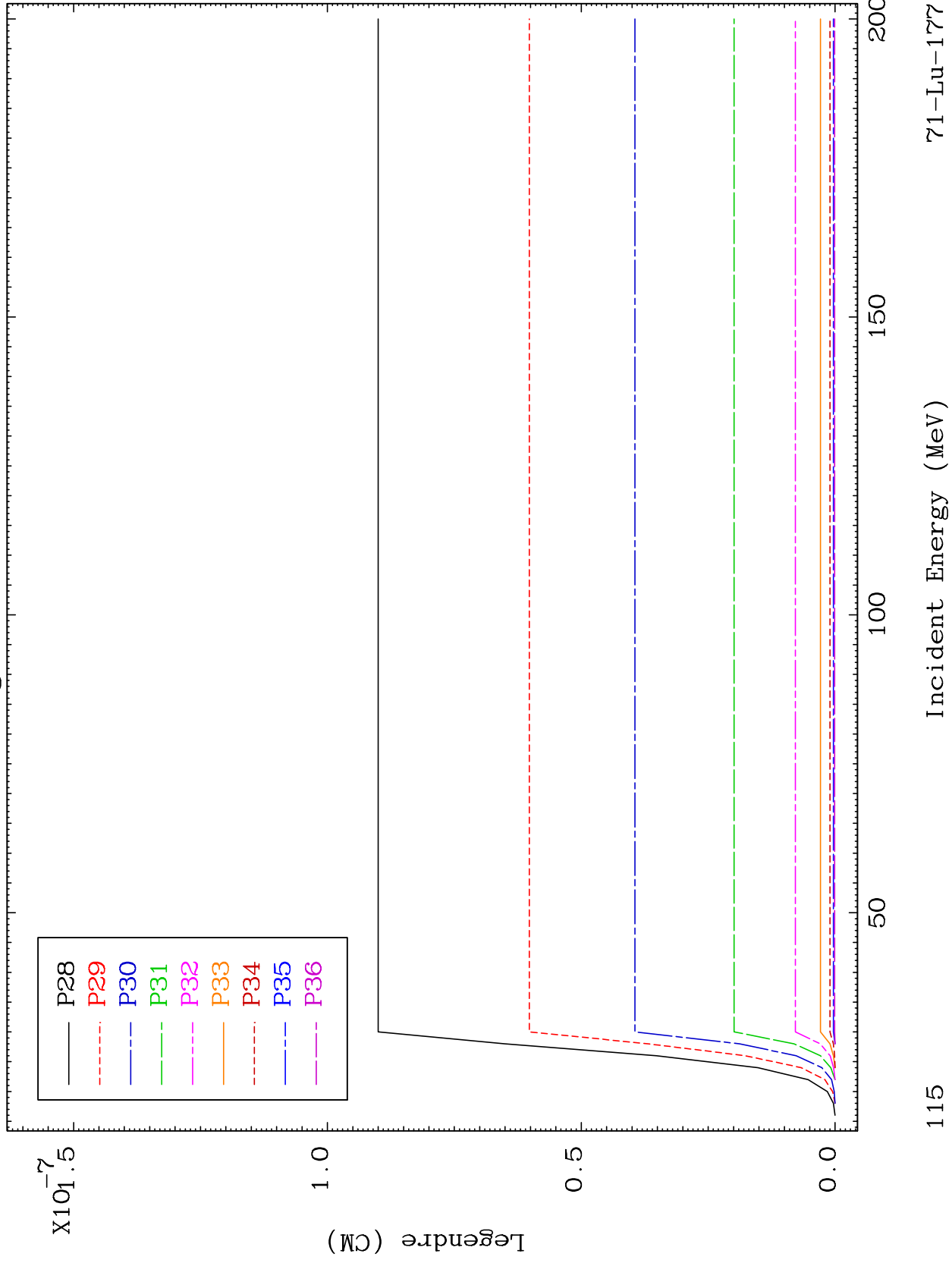
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

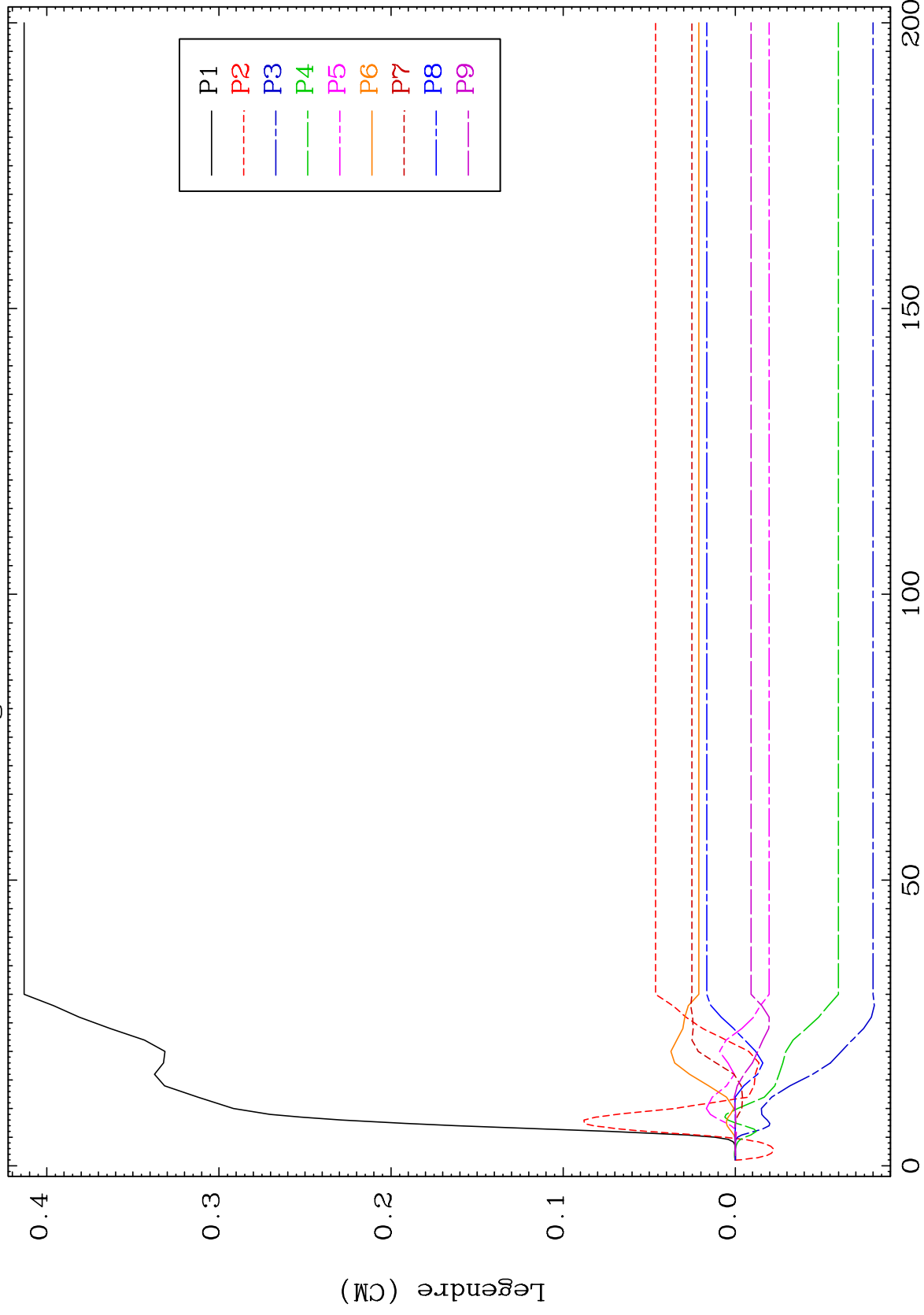
71-Lu-177



MAT 7131

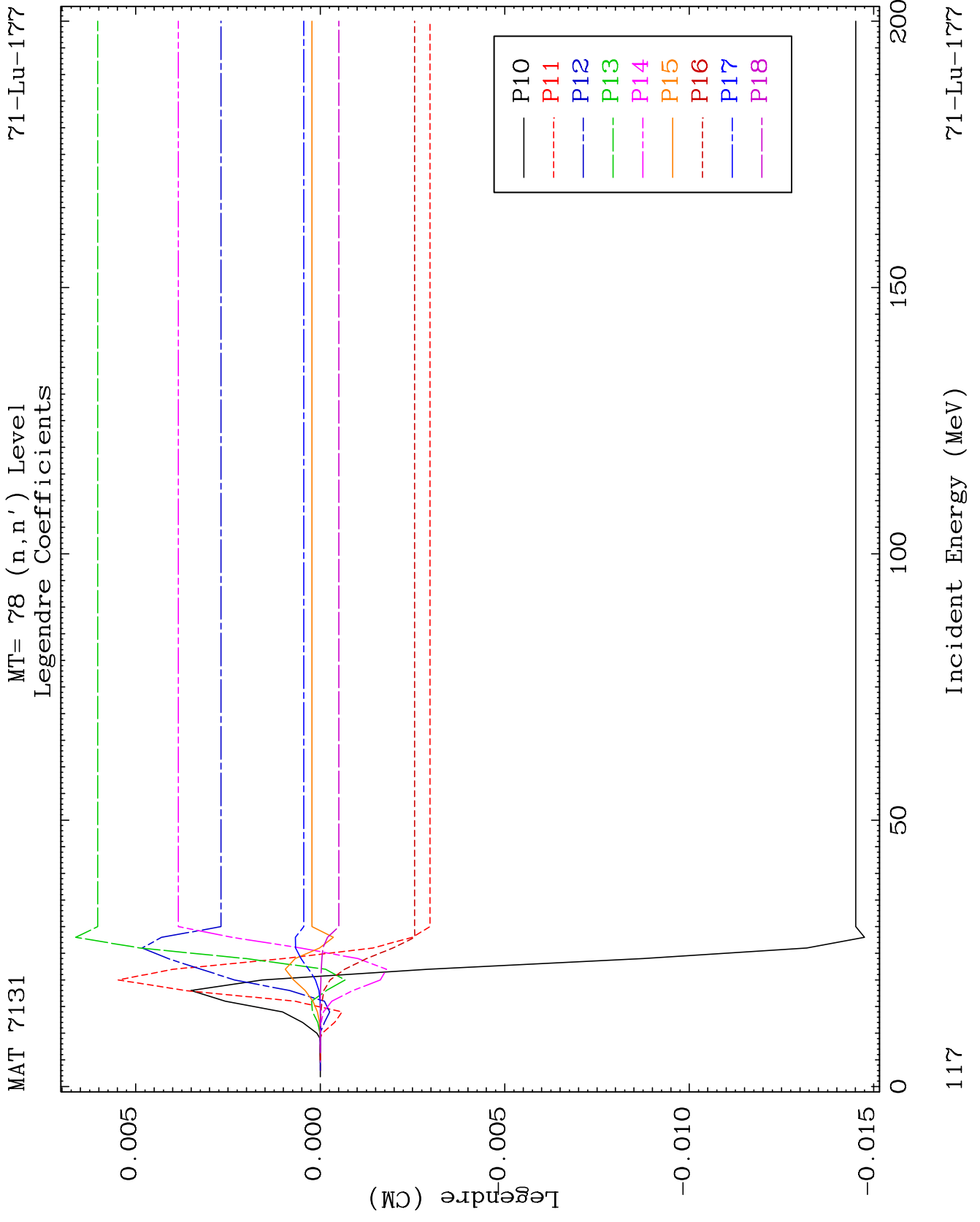
MT= 78 (n,n') Level  
Legendre Coefficients

71-Lu-177



116

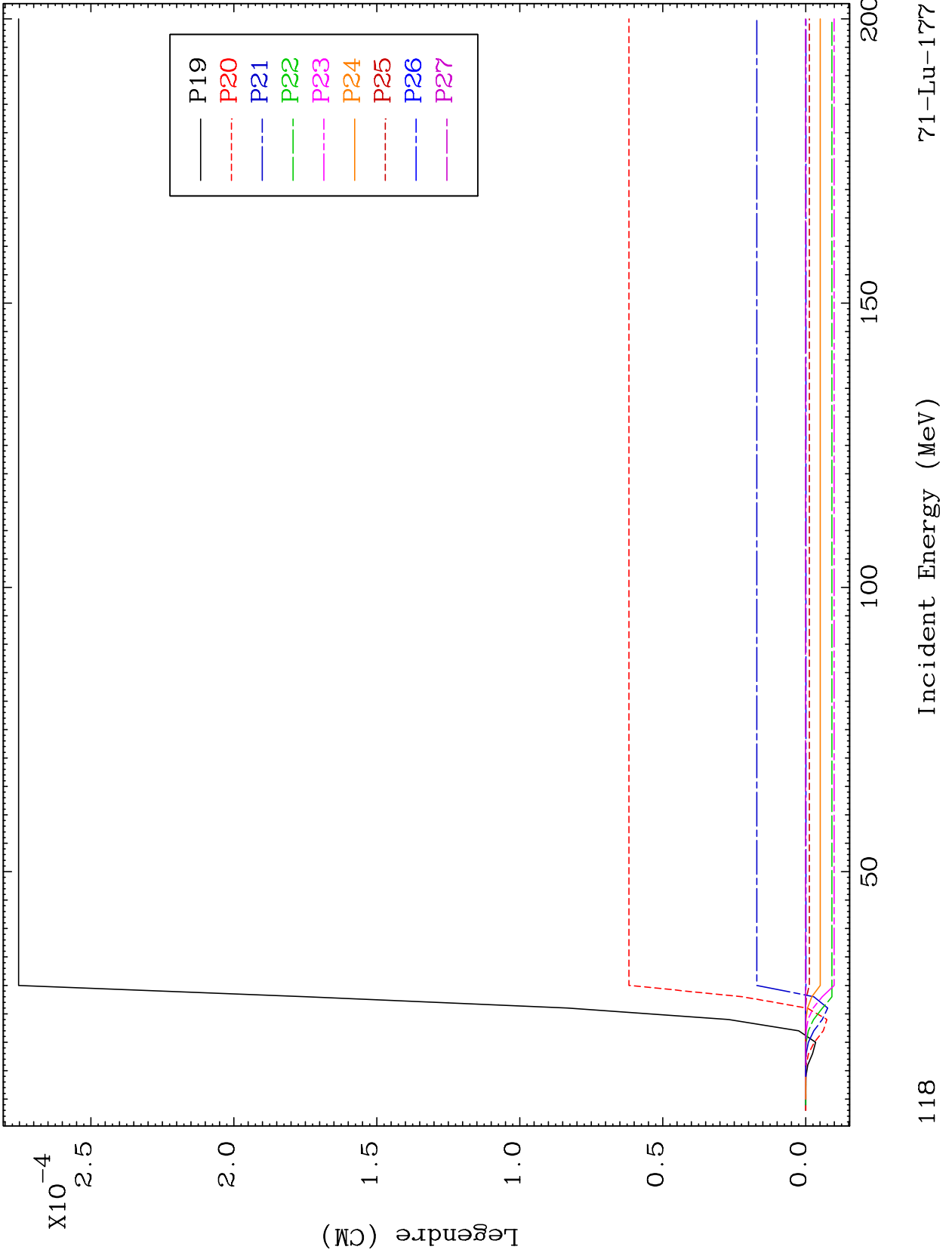
71-Lu-177



MAT 7131

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

71-Lu-177



118

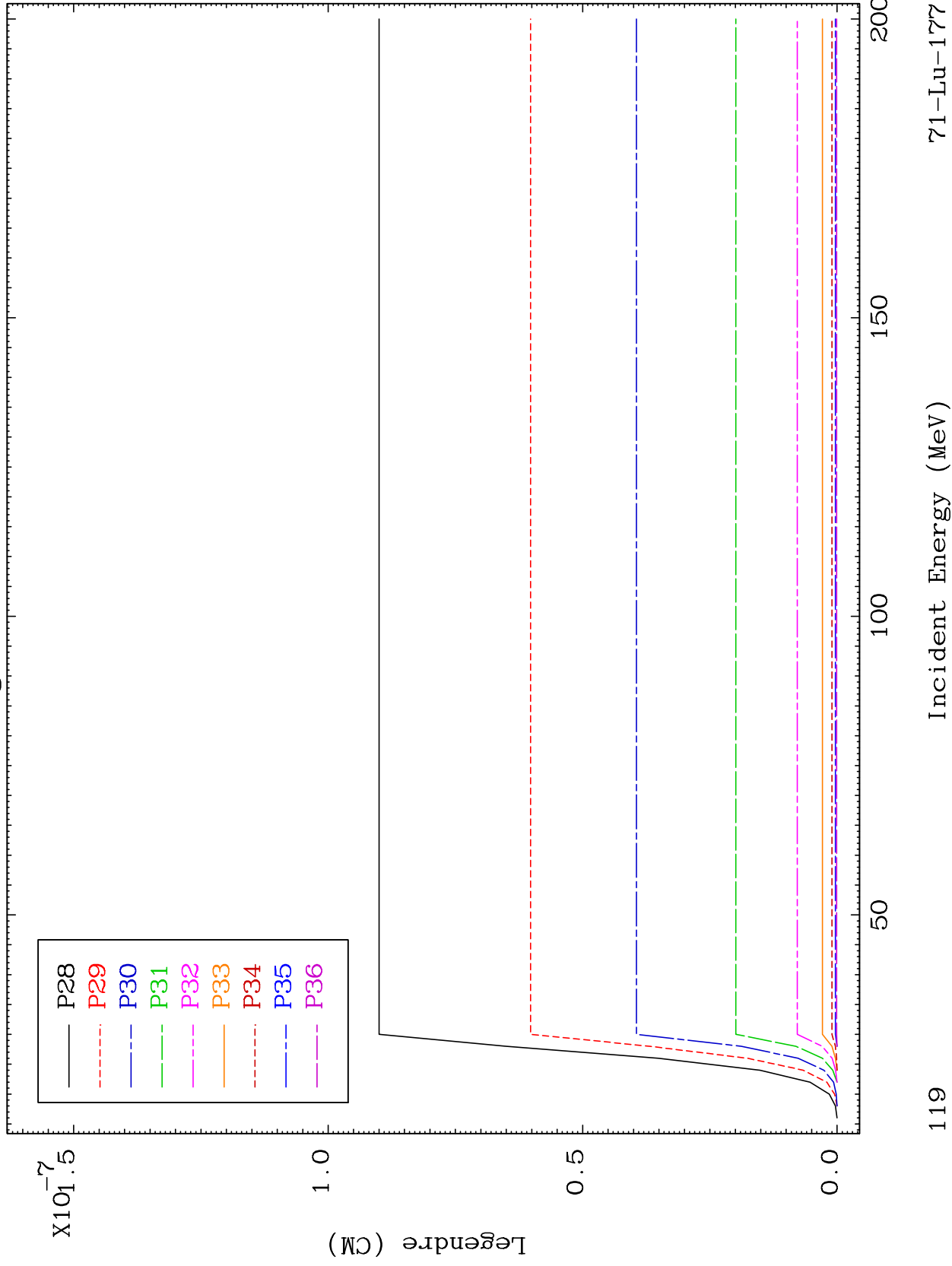
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

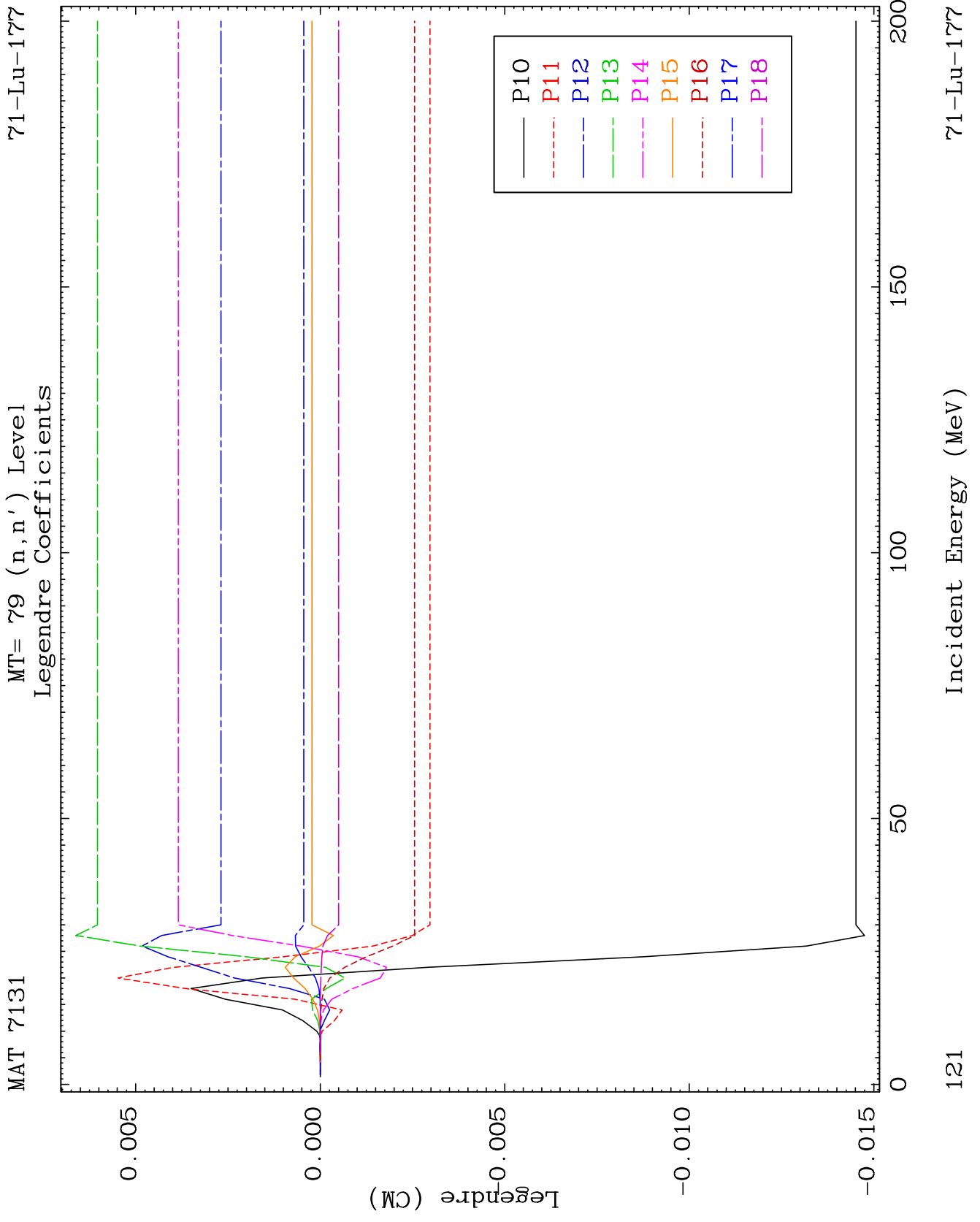
71-Lu-177



119



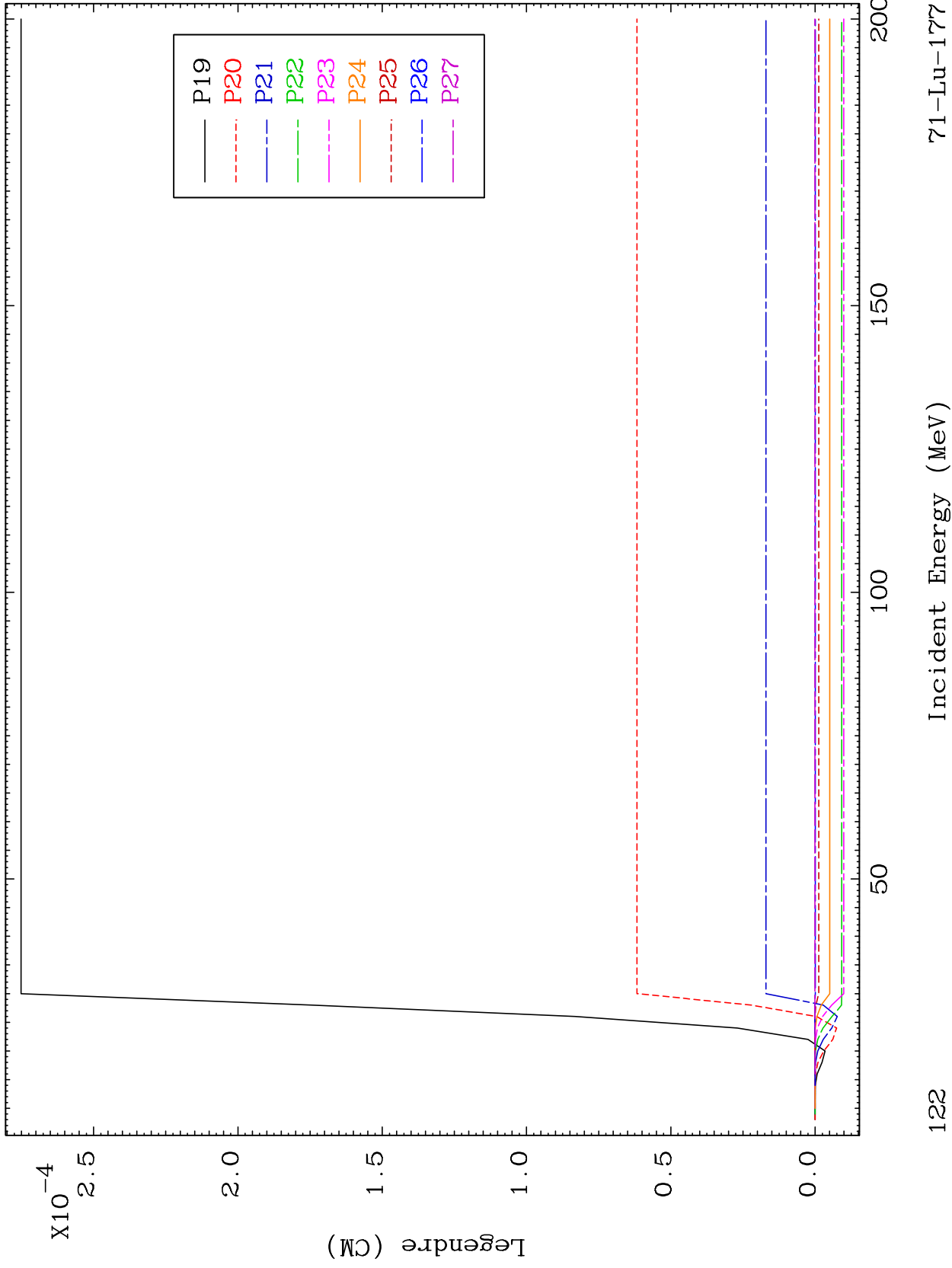




MAT 7131

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

71-Lu-177

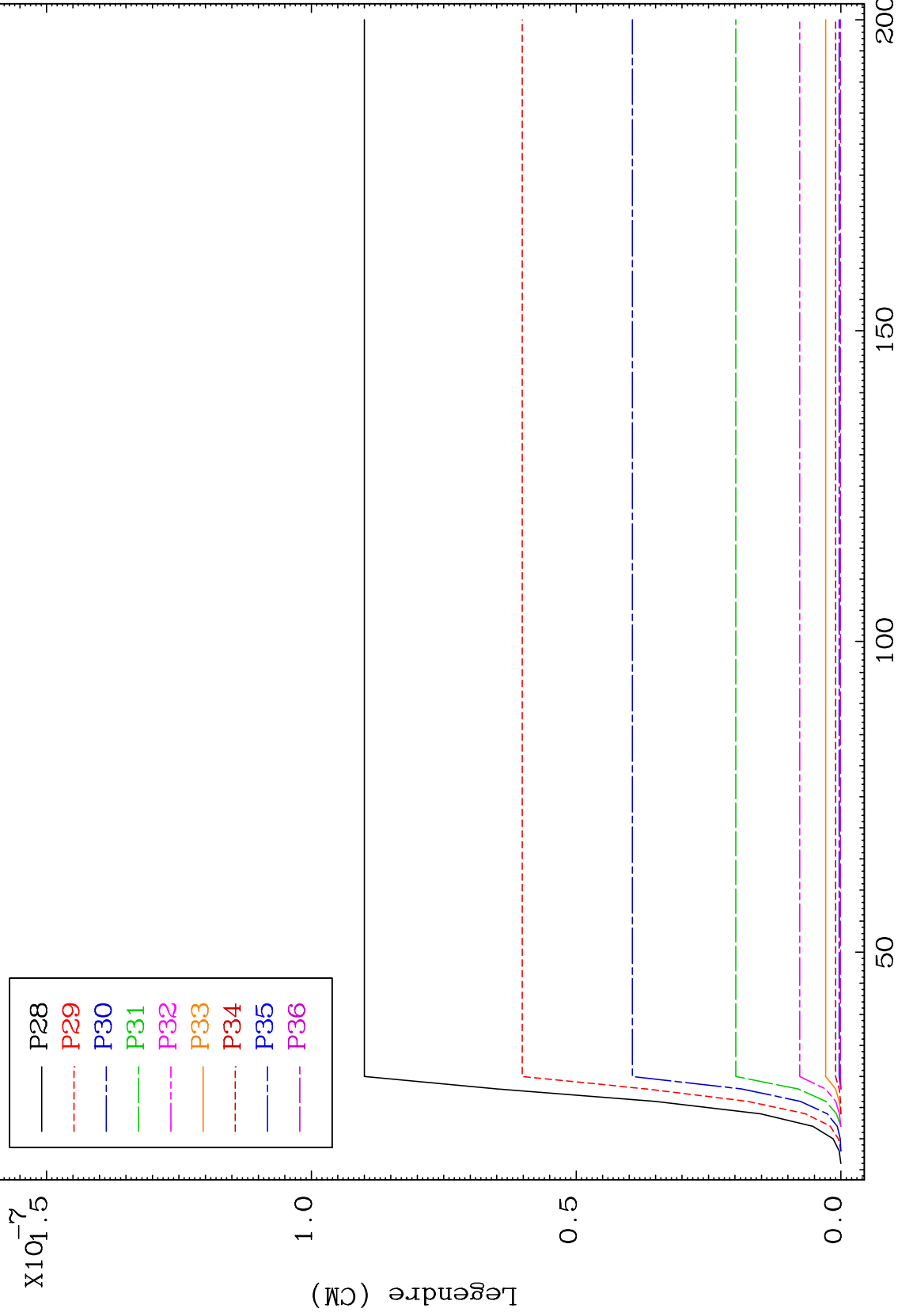
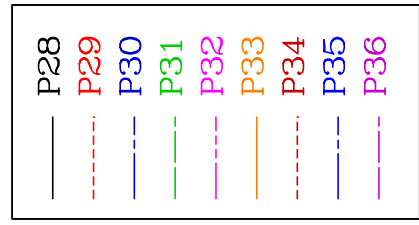


122

MAT 7131

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

71-Lu-177



123

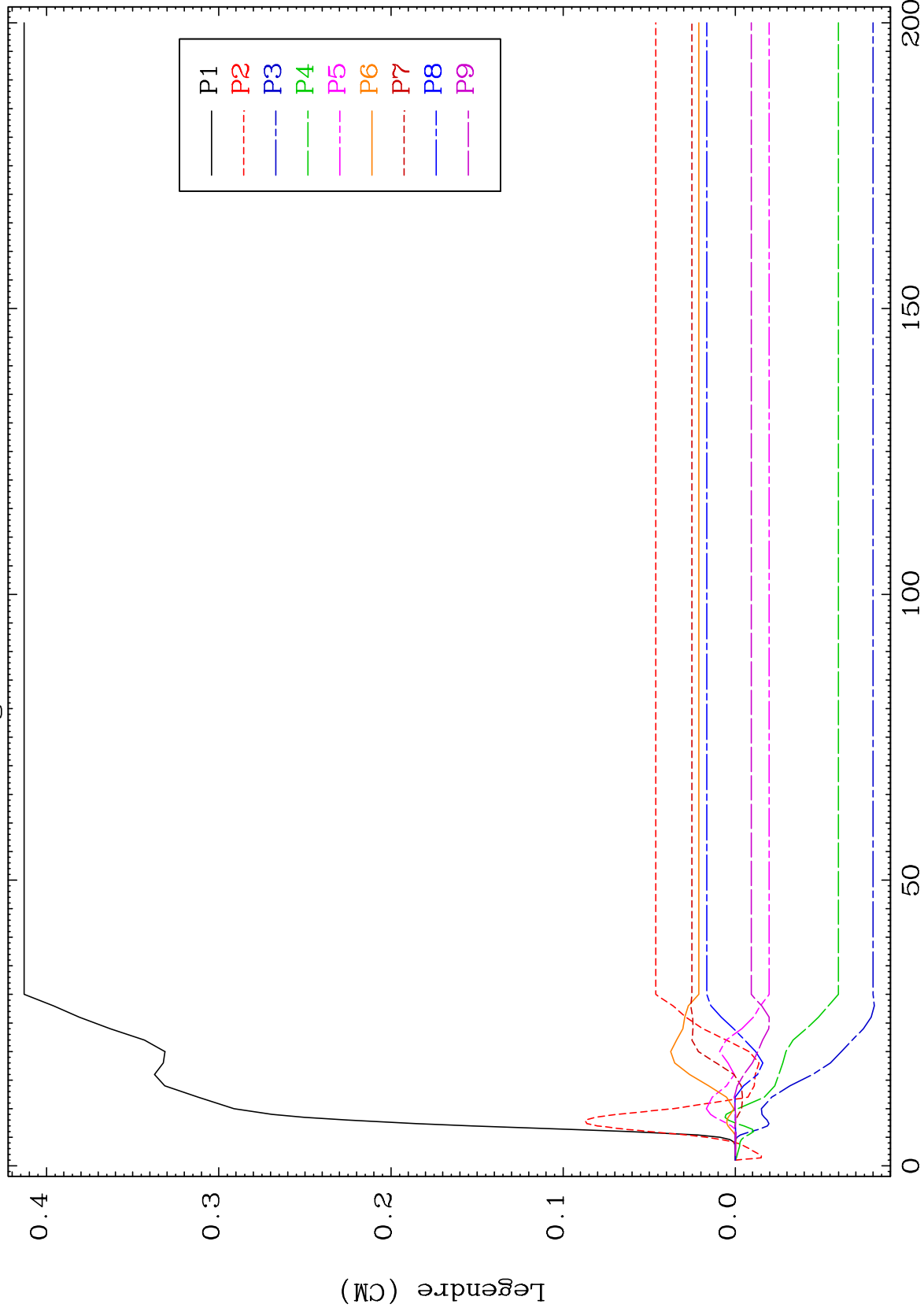
Incident Energy (MeV)

71-Lu-177

MAT 7131

MT= 80 (n,n') Level  
Legendre Coefficients

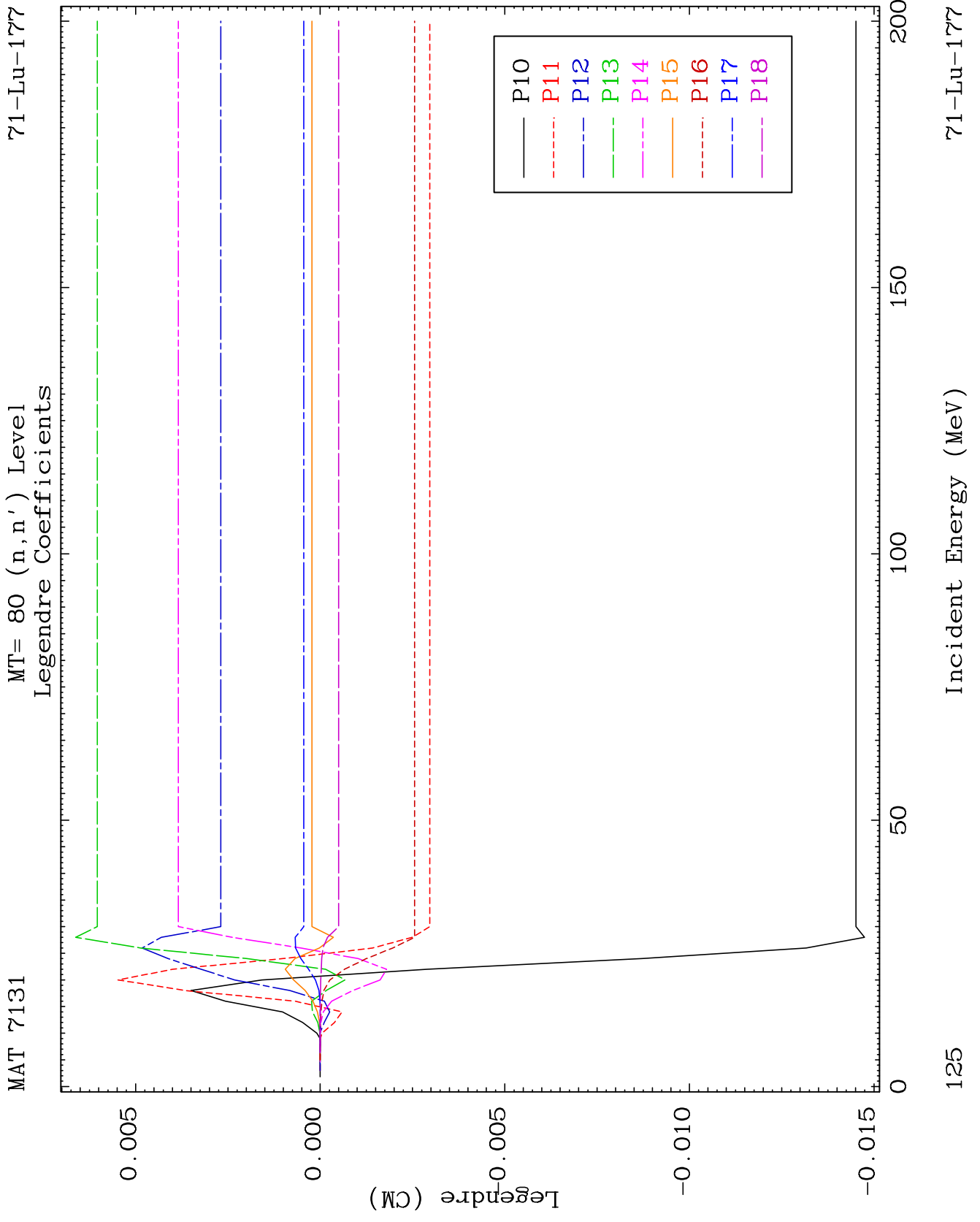
71-Lu-177



124

Incident Energy (MeV)

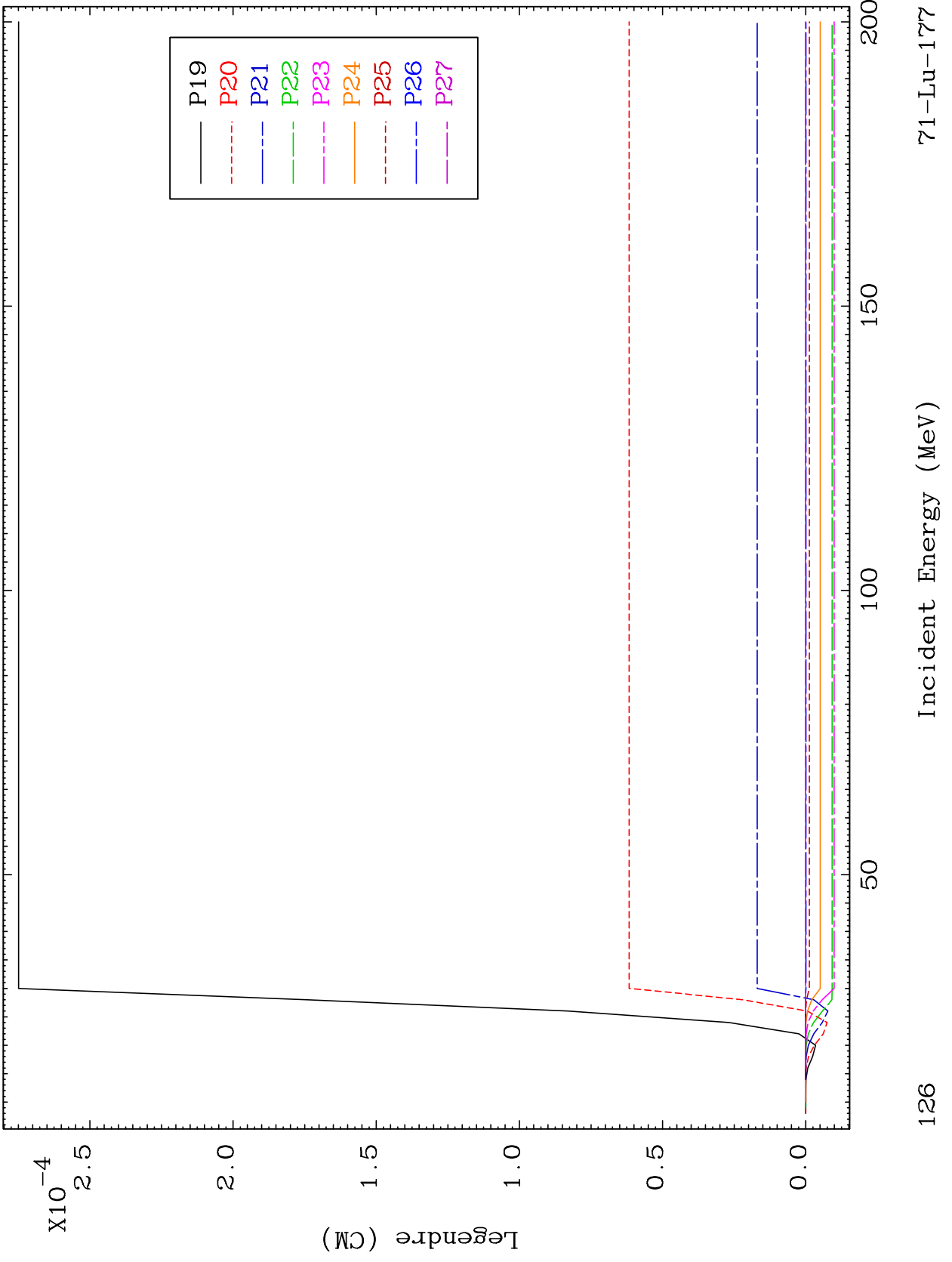
71-Lu-177



MAT 7131

MT= 80 (n,n') Level  
Legendre Coefficients

71-Lu-177

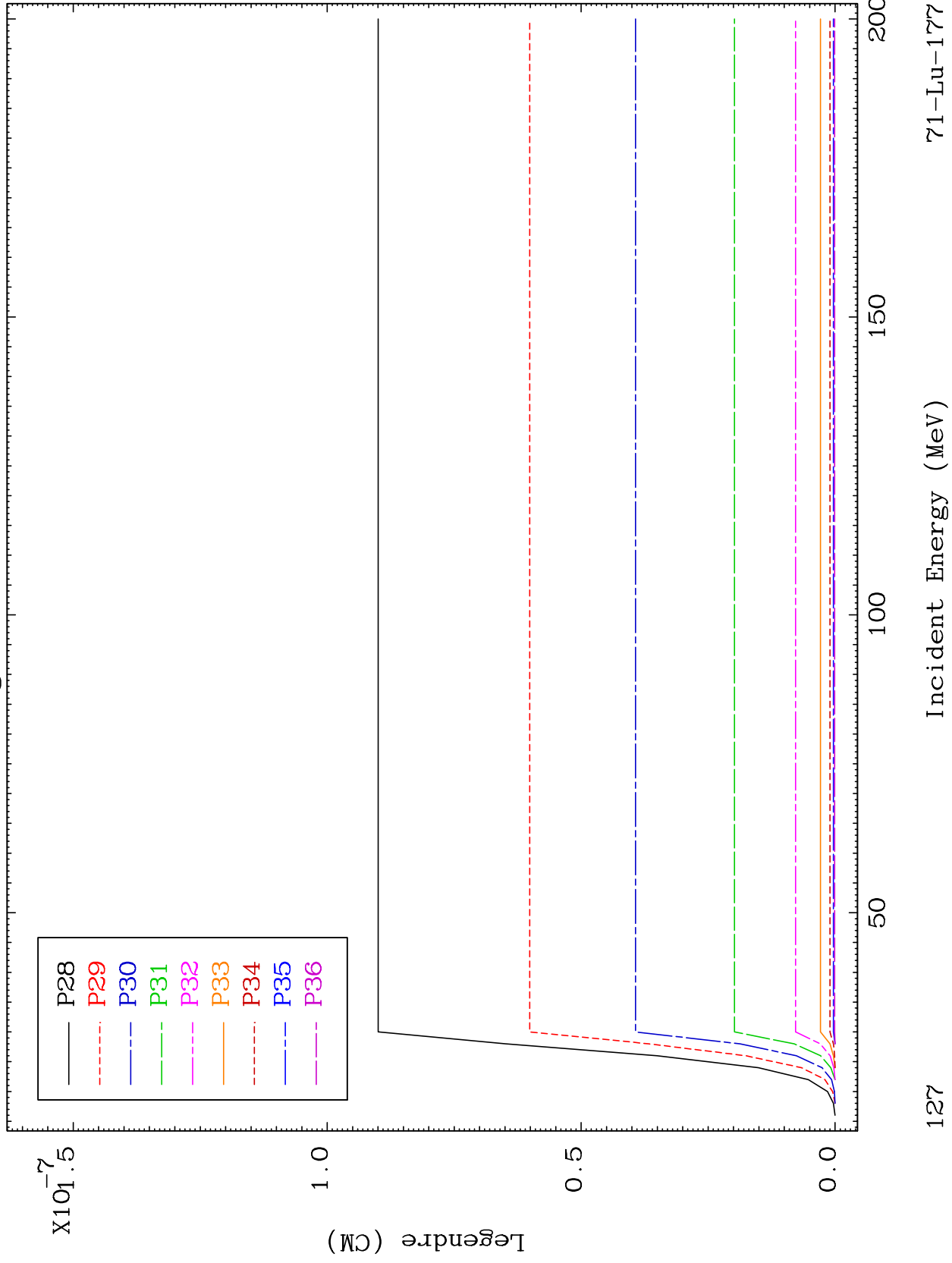


126

MAT 7131

MT= 80 (n,n') Level  
Legendre Coefficients

71-Lu-177



127

Incident Energy (MeV)

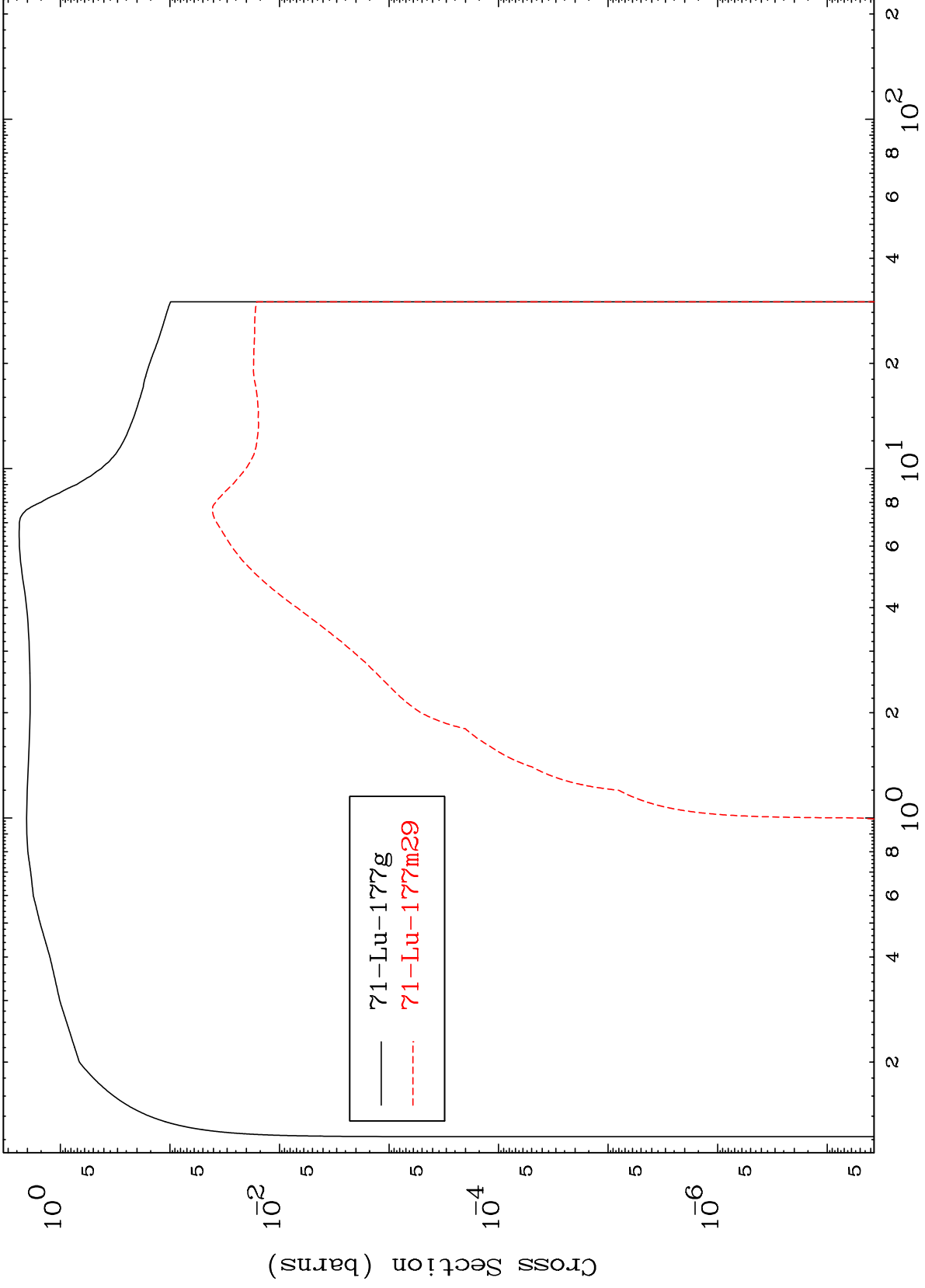
71-Lu-177



MAT 7131

Inelastic  
Radionuclide Production Cross Section

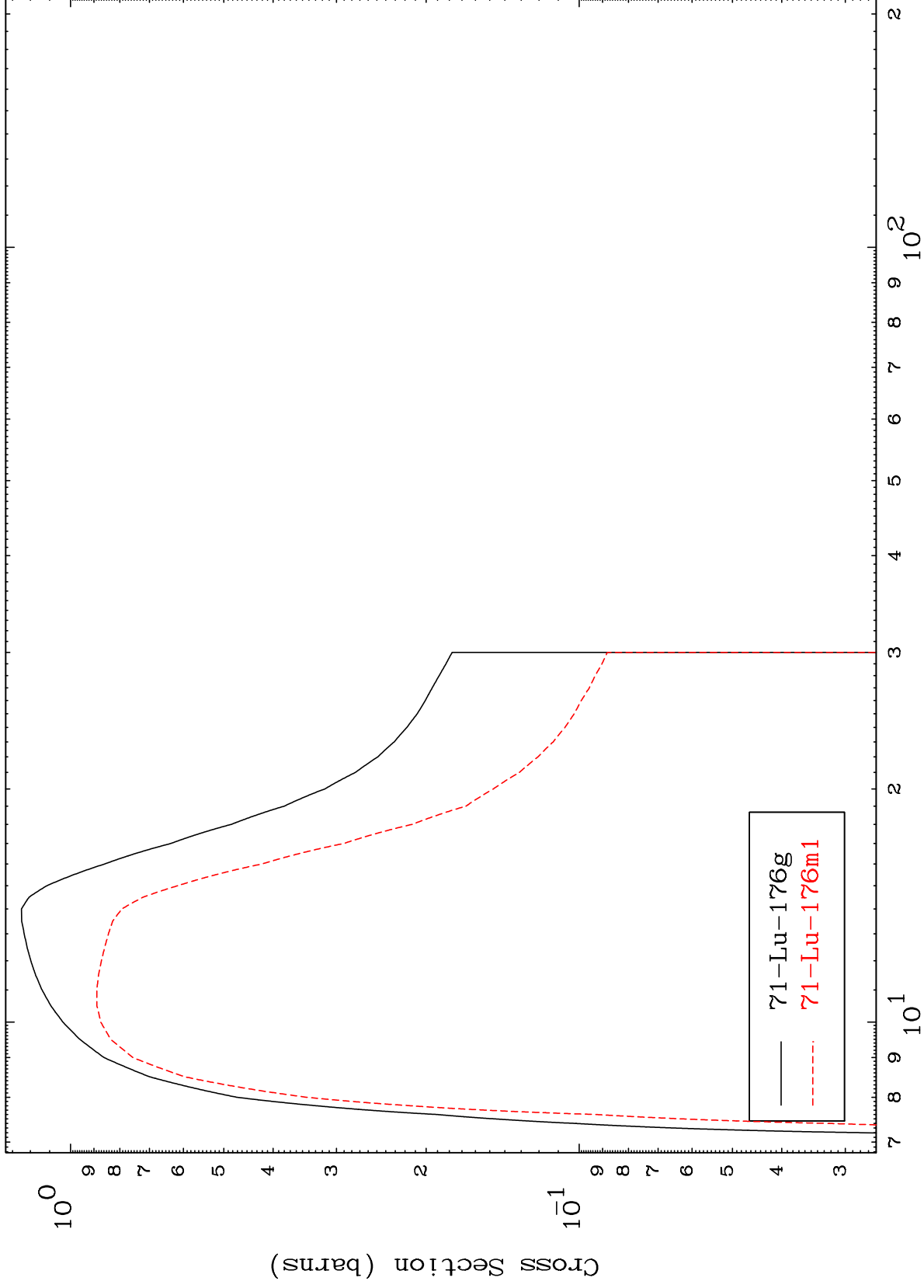
71-Lu-177



MAT 7131

<sup>71</sup>Lu-177

(n,2n)  
Radionuclide Production Cross Section



<sup>71</sup>Lu-177

Incident Energy (MeV)

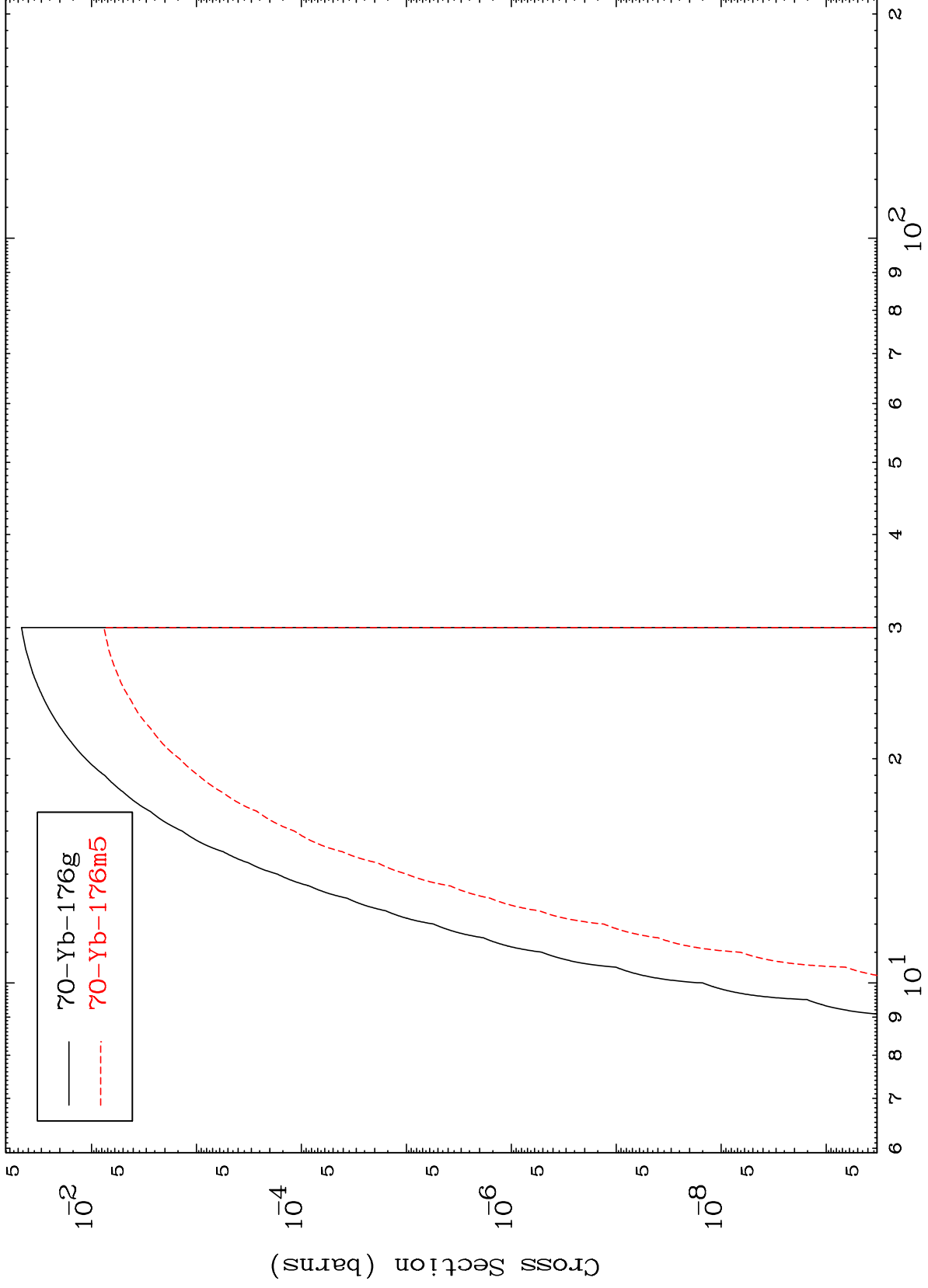
129

MAT 7131

(n,n') p

71-Lu-177

Radionuclide Production Cross Section



130

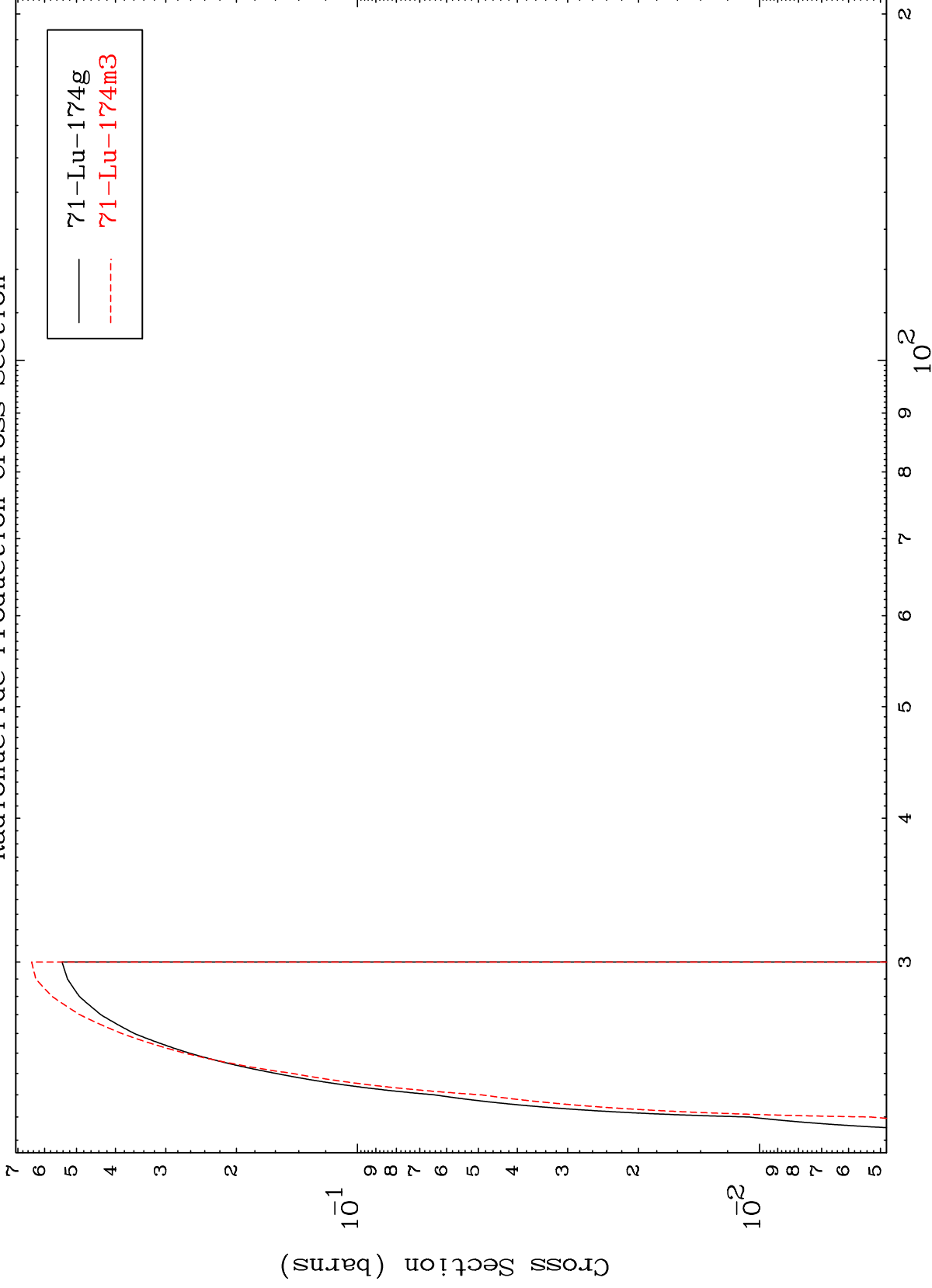
Incident Energy (MeV)

71-Lu-177

MAT 7131

71-Lu-177

(n,4n)  
Radionuclide Production Cross Section



131

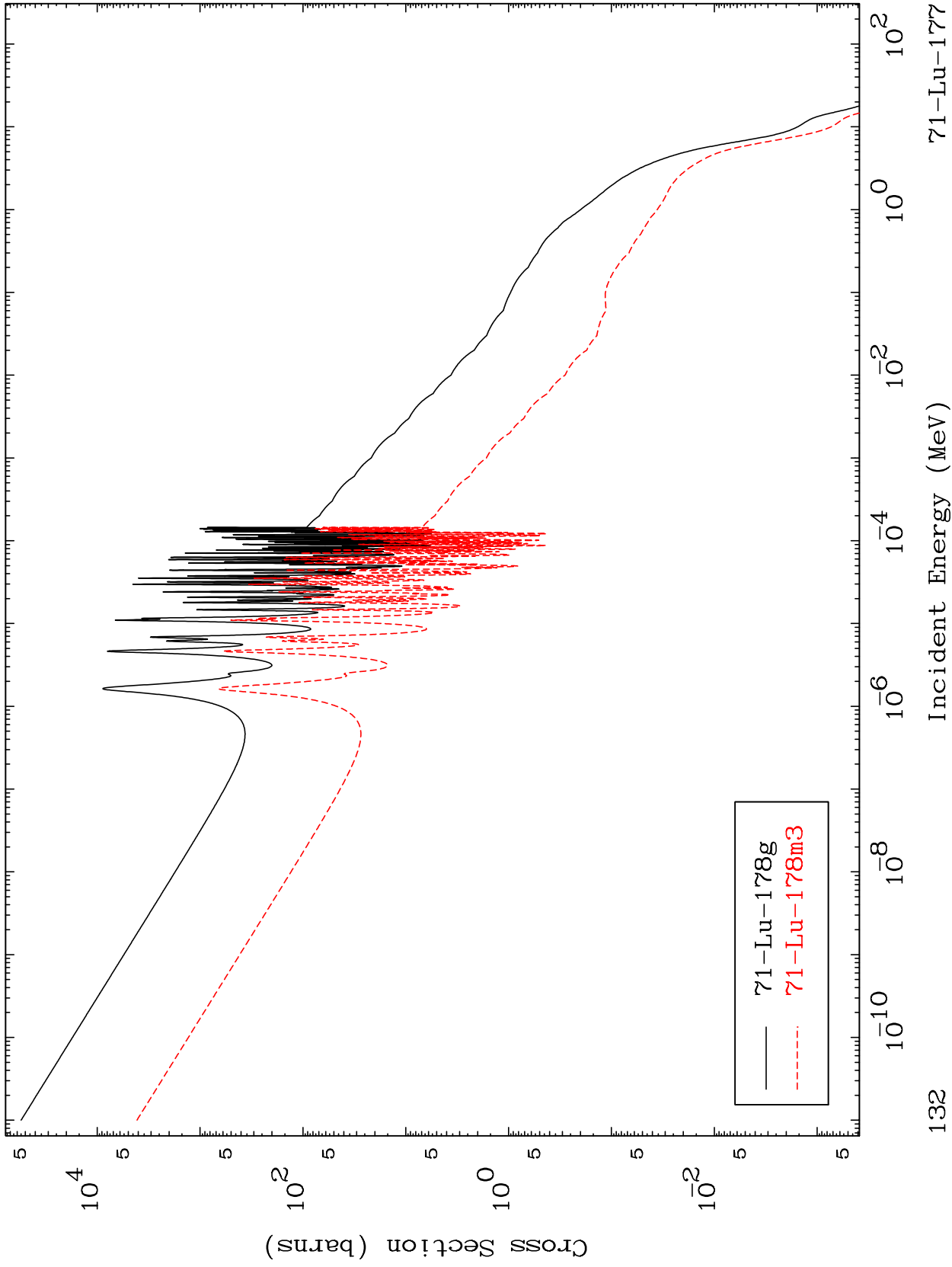
Incident Energy (MeV)

71-Lu-177

MAT 7131

71-Lu-177

(n,γ)  
Radionuclide Production Cross Section

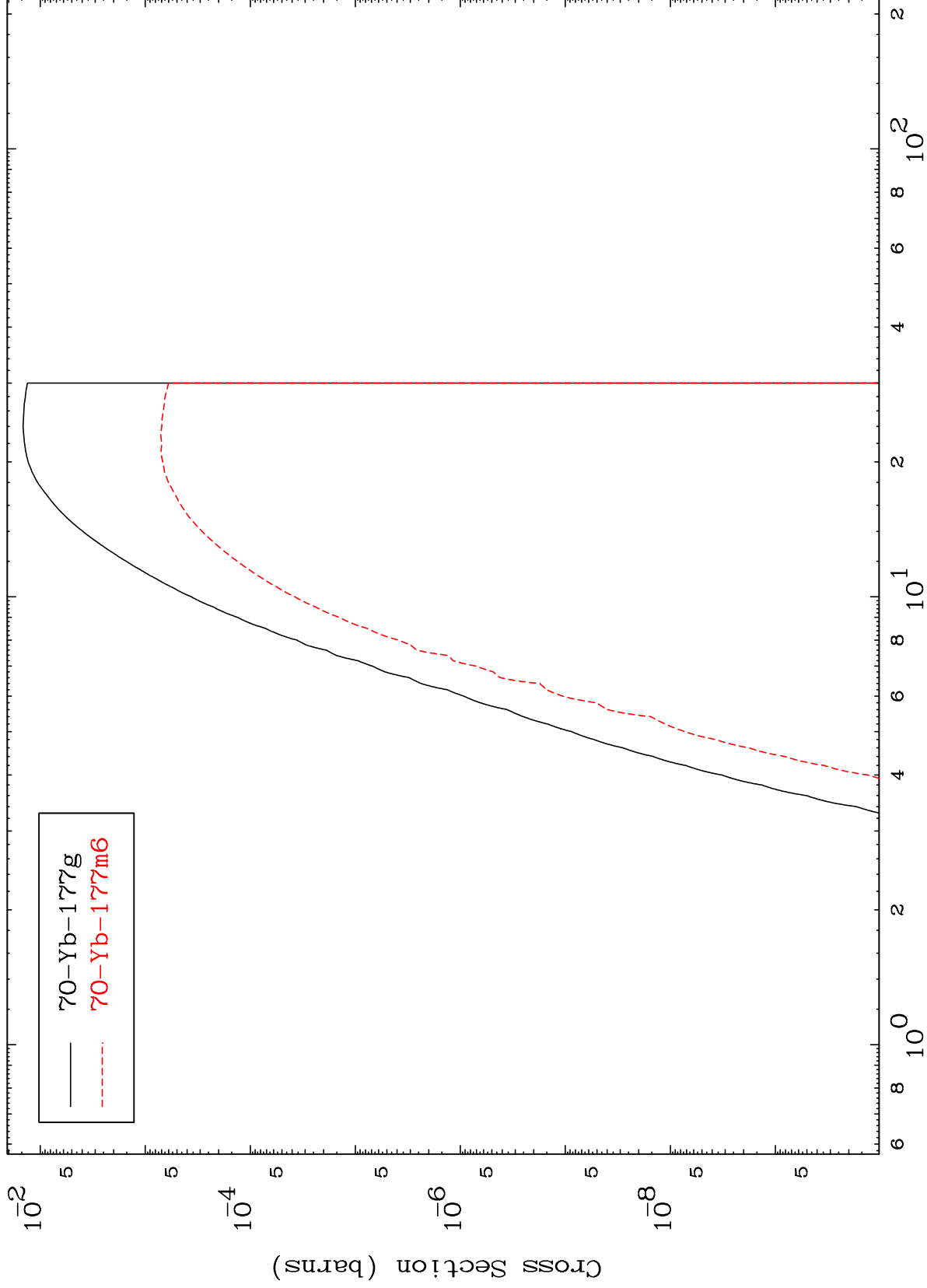


MAT 7131

(n,p)

<sup>71</sup>Lu-177

Radionuclide Production Cross Section



133

Incident Energy (MeV)

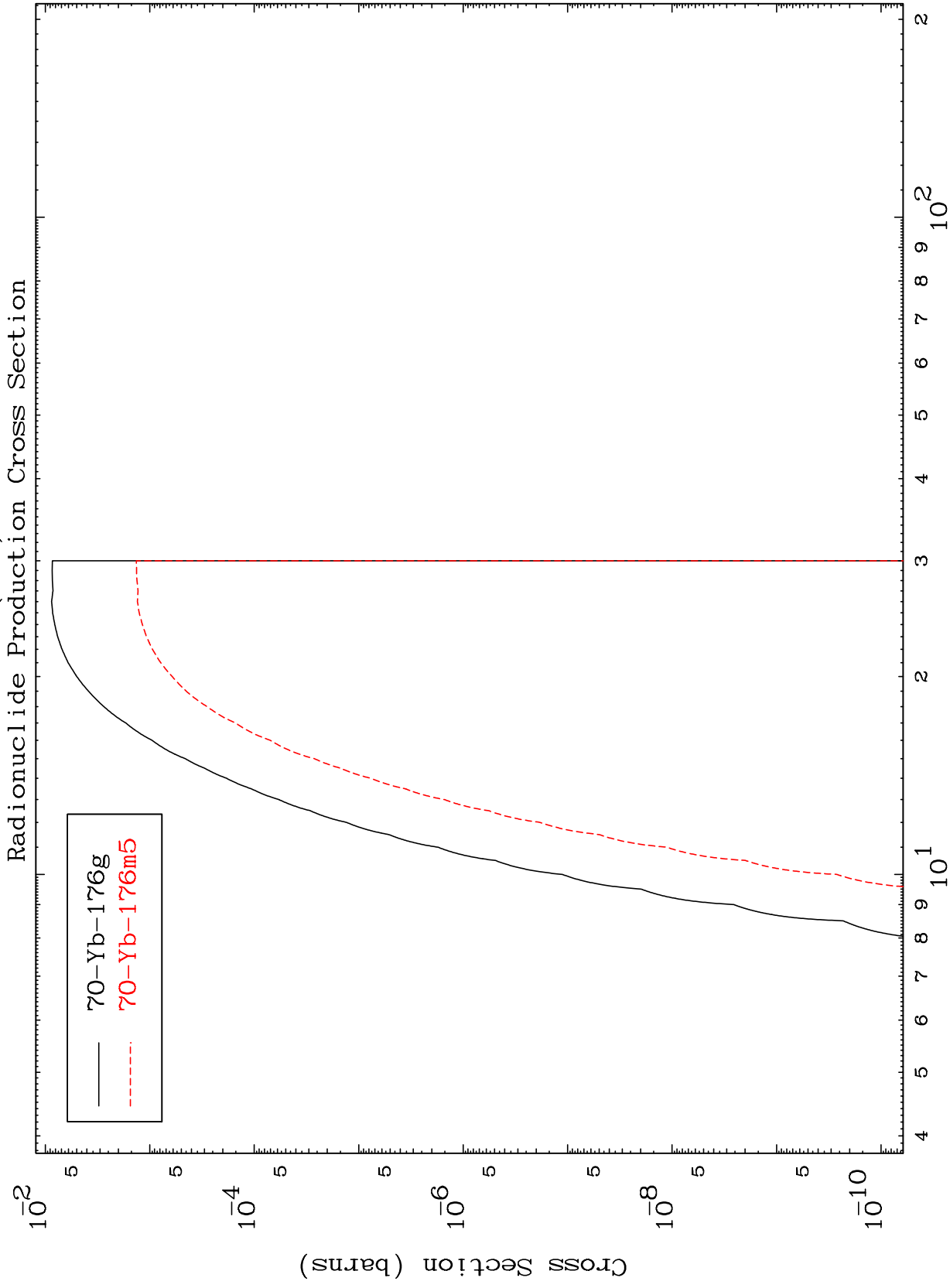
<sup>71</sup>Lu-177

MAT 7131

71-Lu-177

Radionuclide Production Cross Section

(n, d)



Incident Energy (MeV)

71-Lu-177

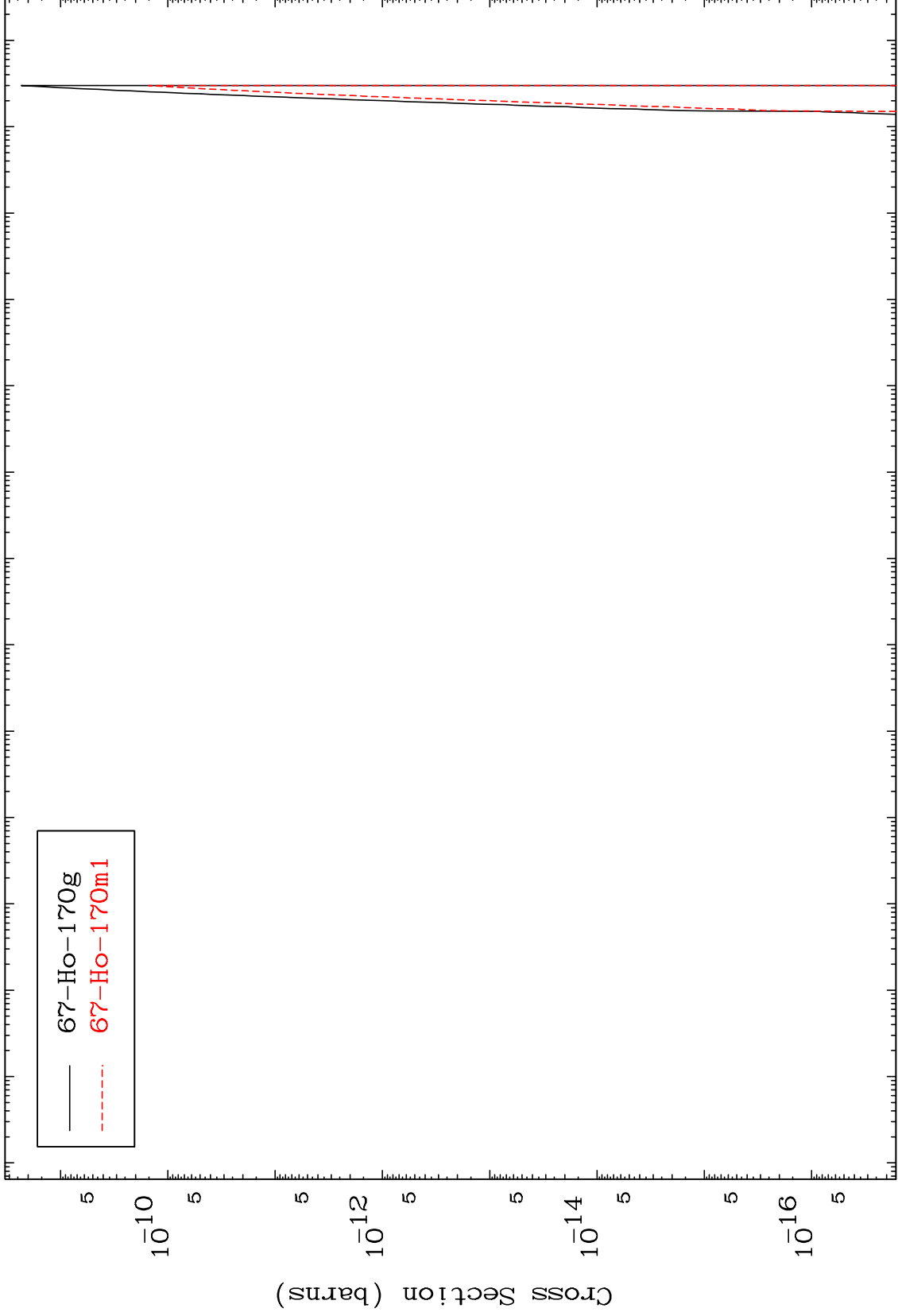
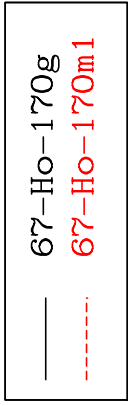
134

MAT 7131

(n,2α)

<sup>71</sup>Lu-177

Radionuclide Production Cross Section



135

<sup>71</sup>Lu-177