

Program EVALPLOT  
(Version 2021-1)

by

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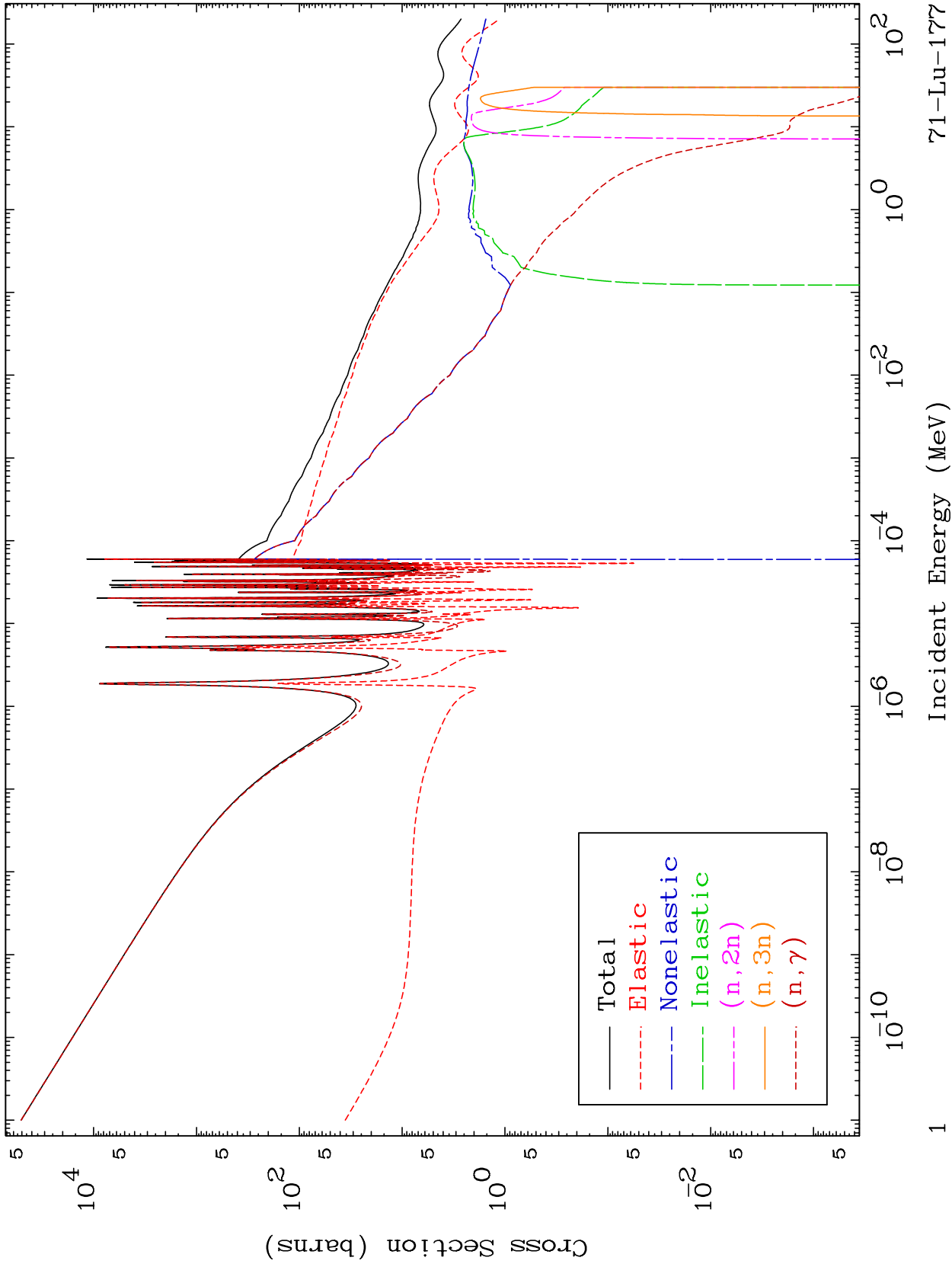
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Press Mouse Button to Start

MAT 7131

Neutron Major  
293 Kelvin Cross Sections

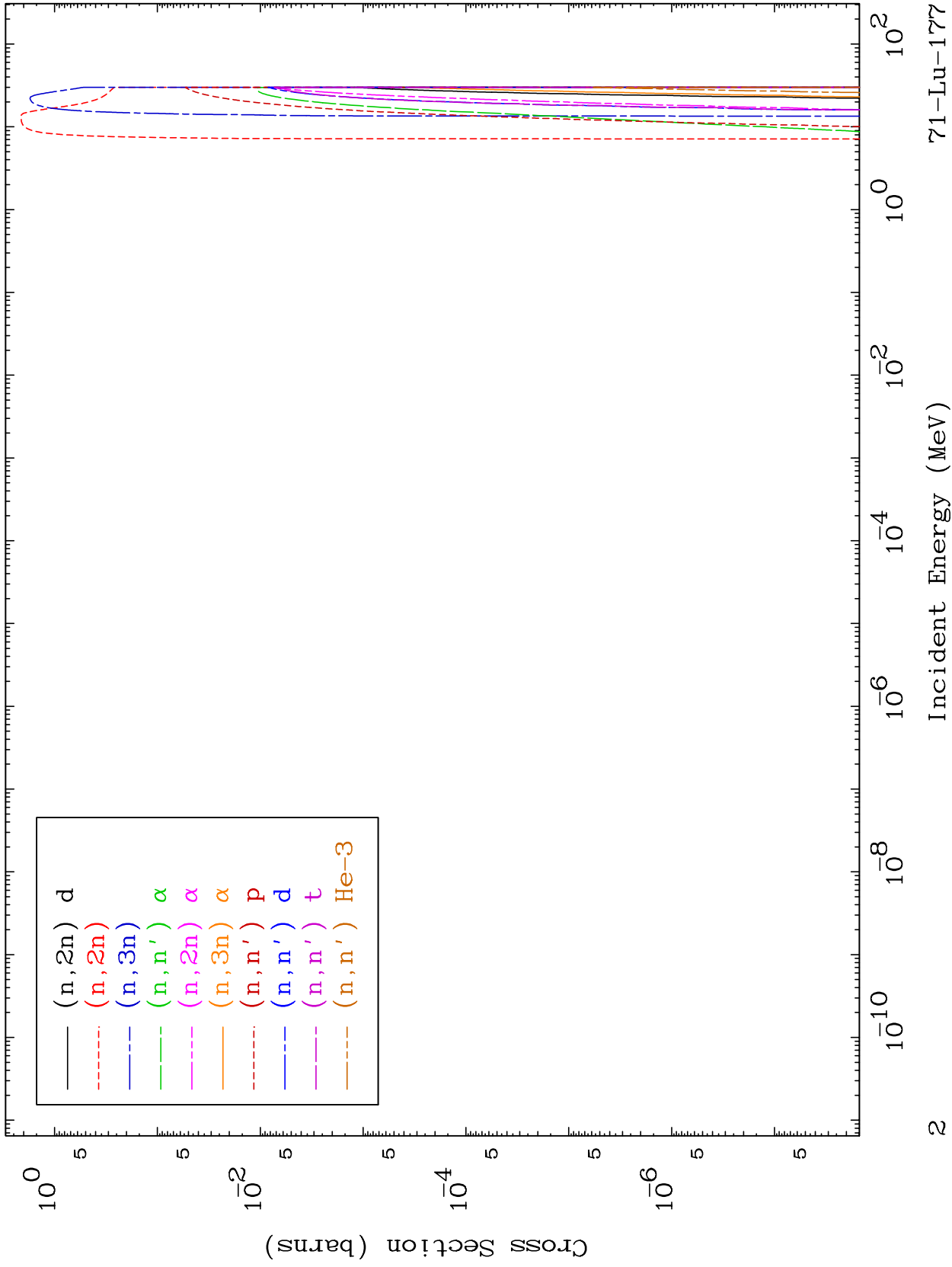
71-Lu-177



MAT 7131

Neutron Absorption  
293 Kelvin Cross Sections

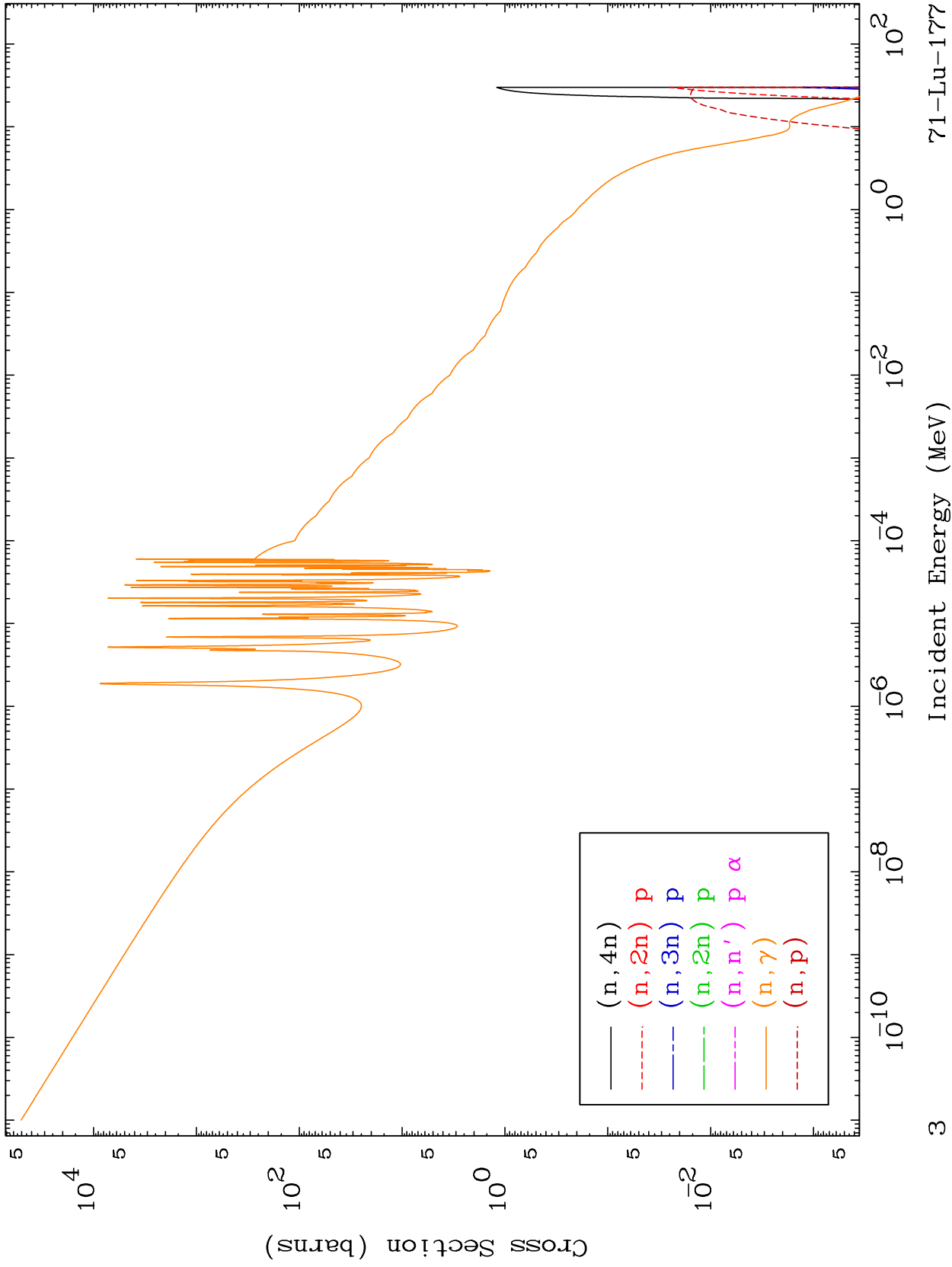
71-Lu-177

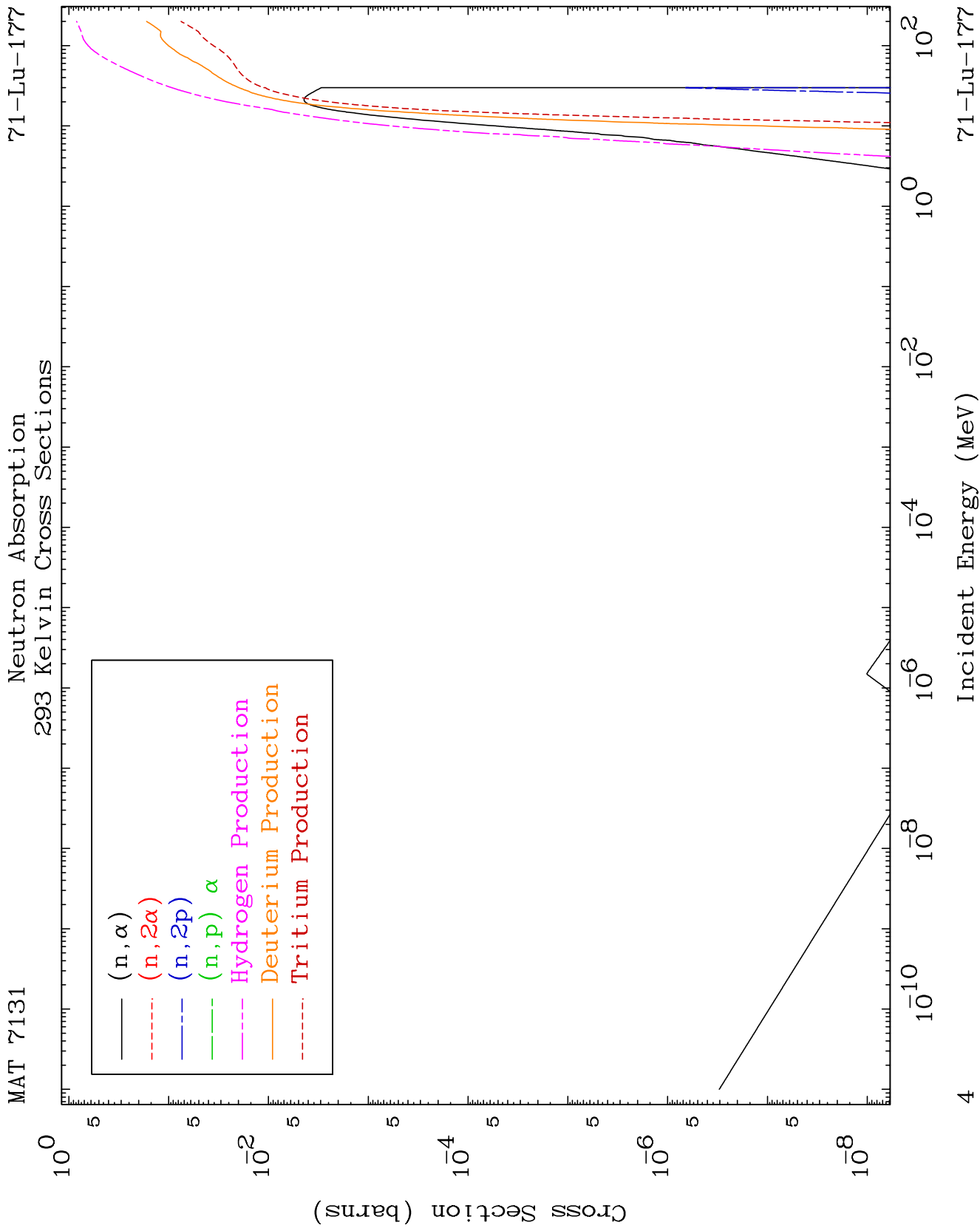


MAT 7131

Neutron Absorption  
293 Kelvin Cross Sections

71-Lu-177

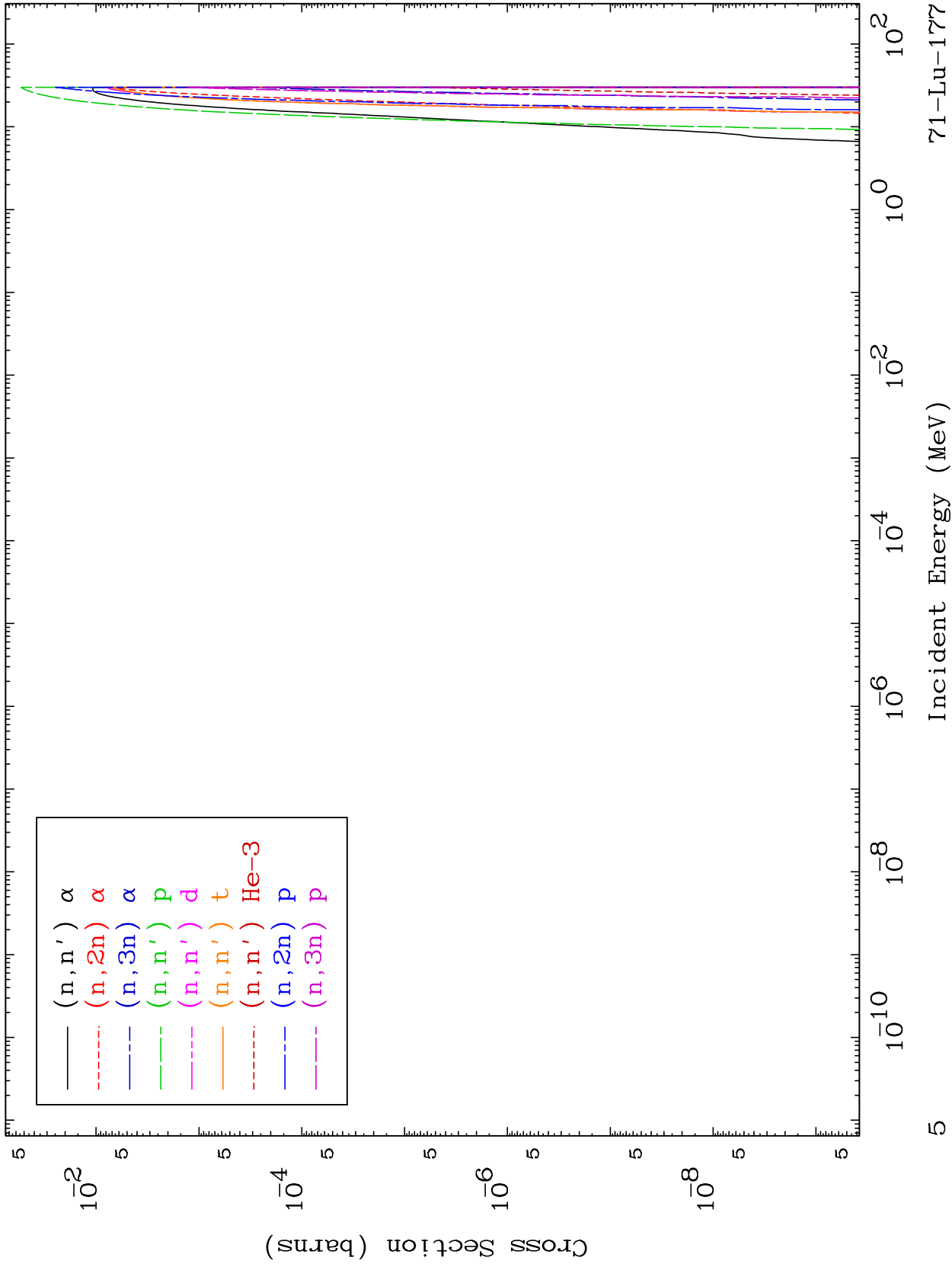




MAT 7131

Charged Particle  
293 Kelvin Cross Sections

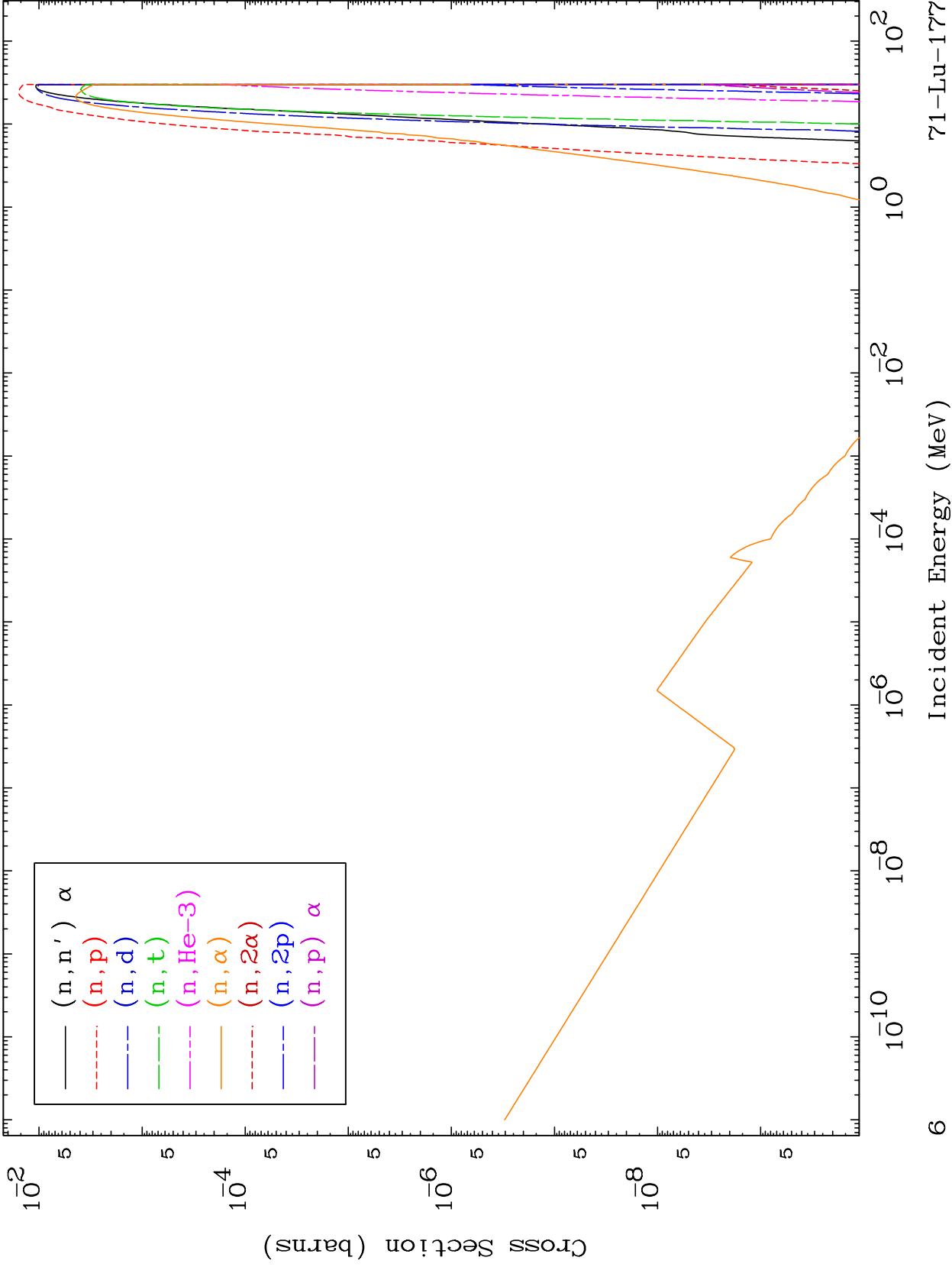
71-Lu-177



MAT 7131

Charged Particle  
293 Kelvin Cross Sections

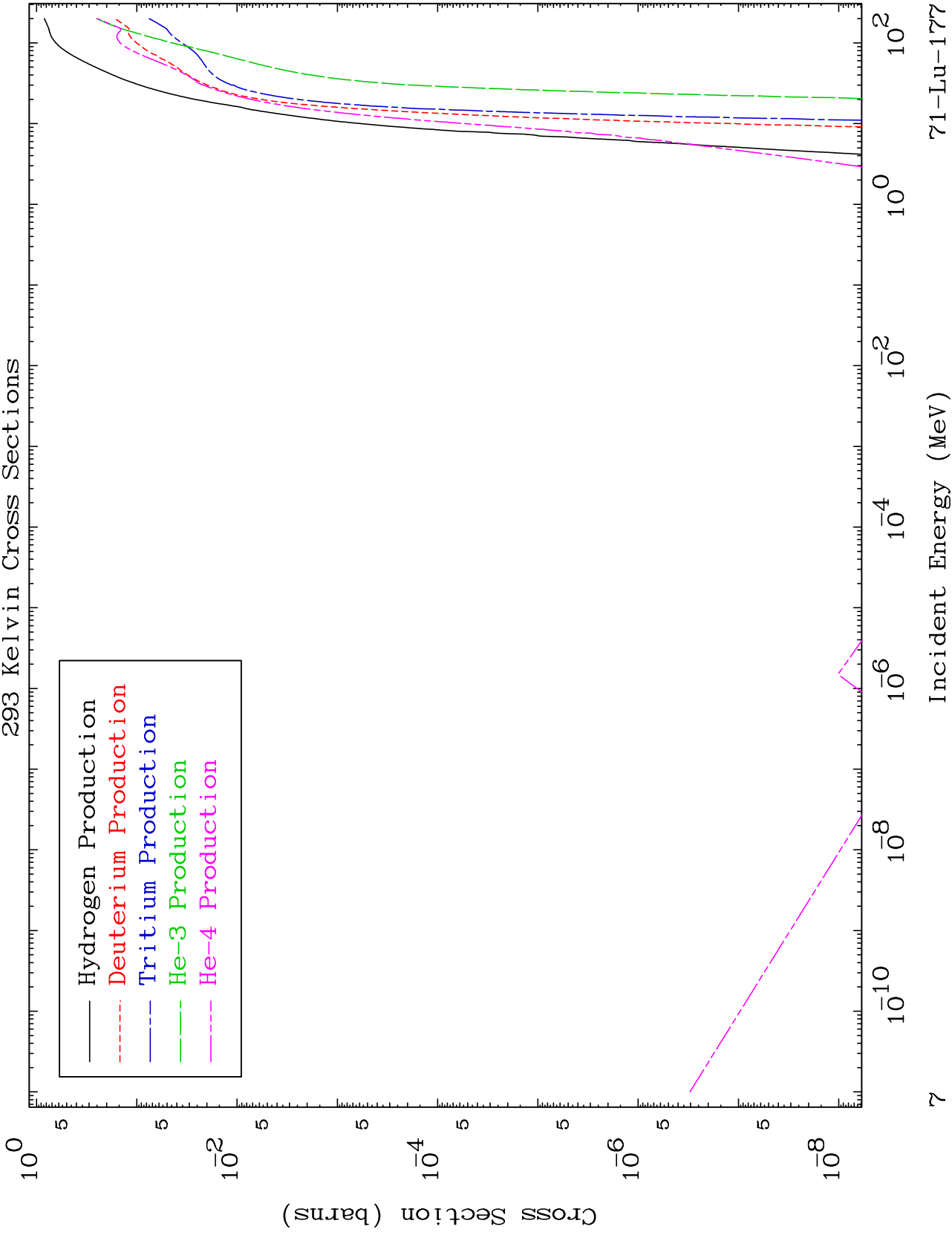
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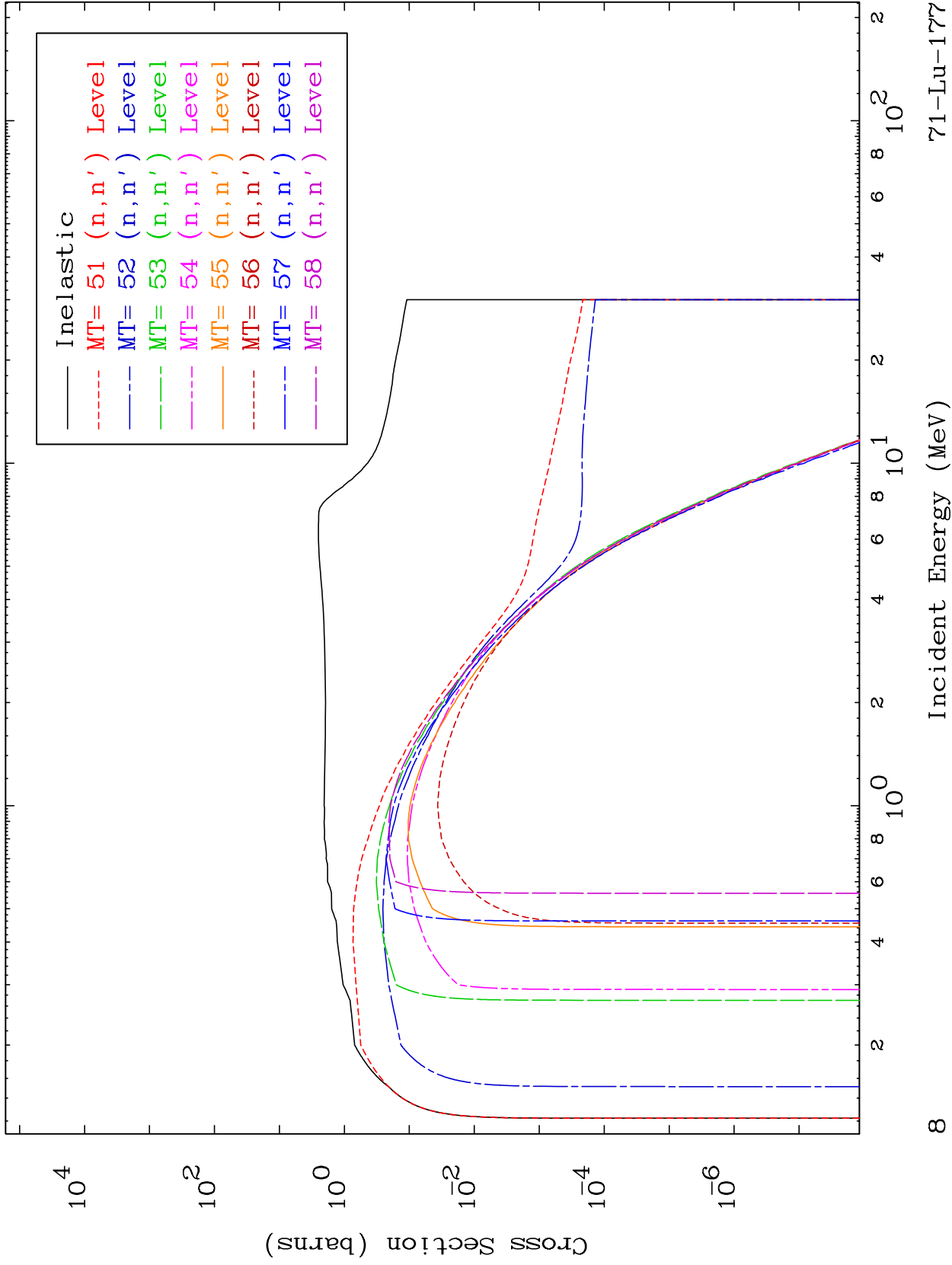


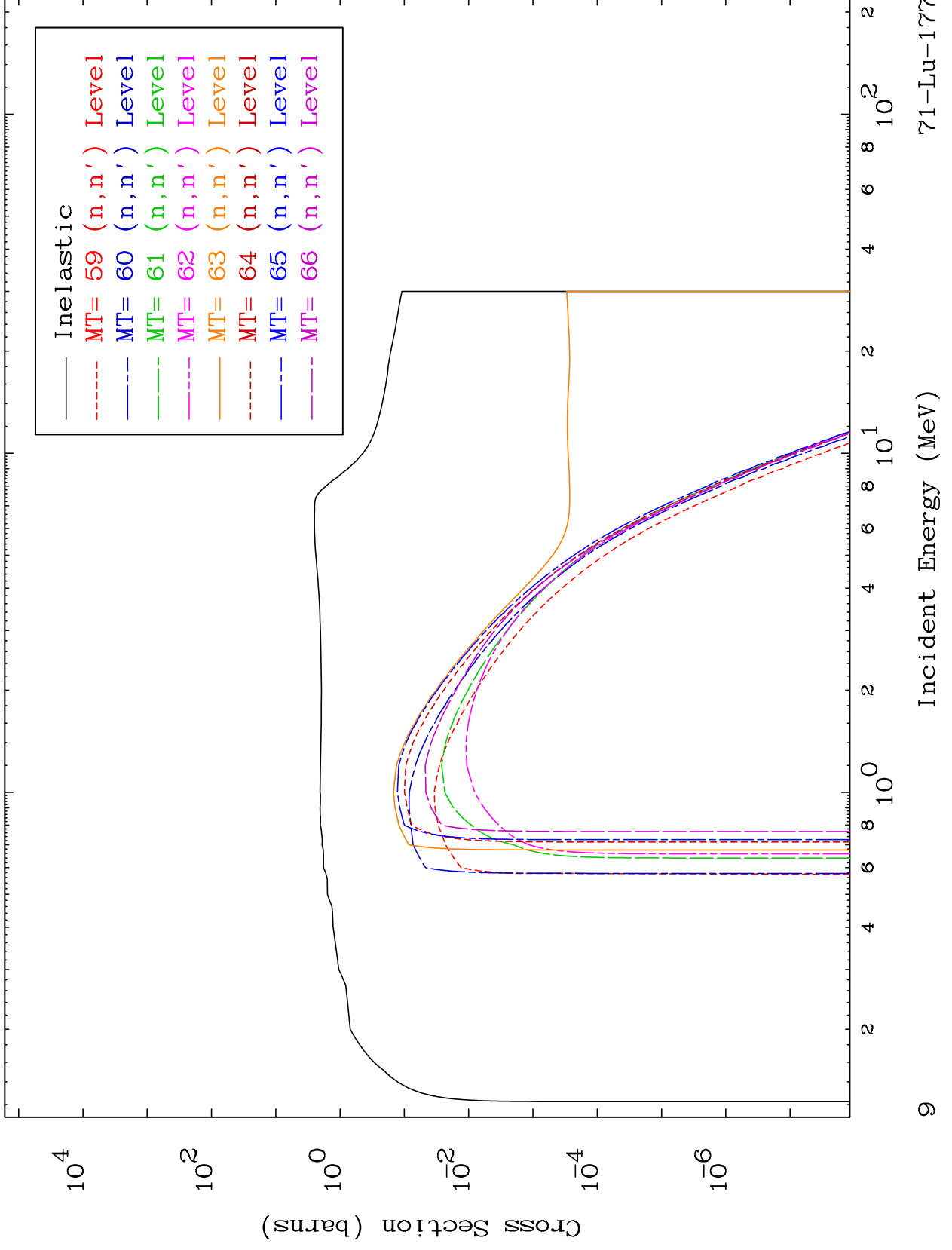
MAT 7131

Particle Production  
293 Kelvin Cross Sections

71-Lu-177





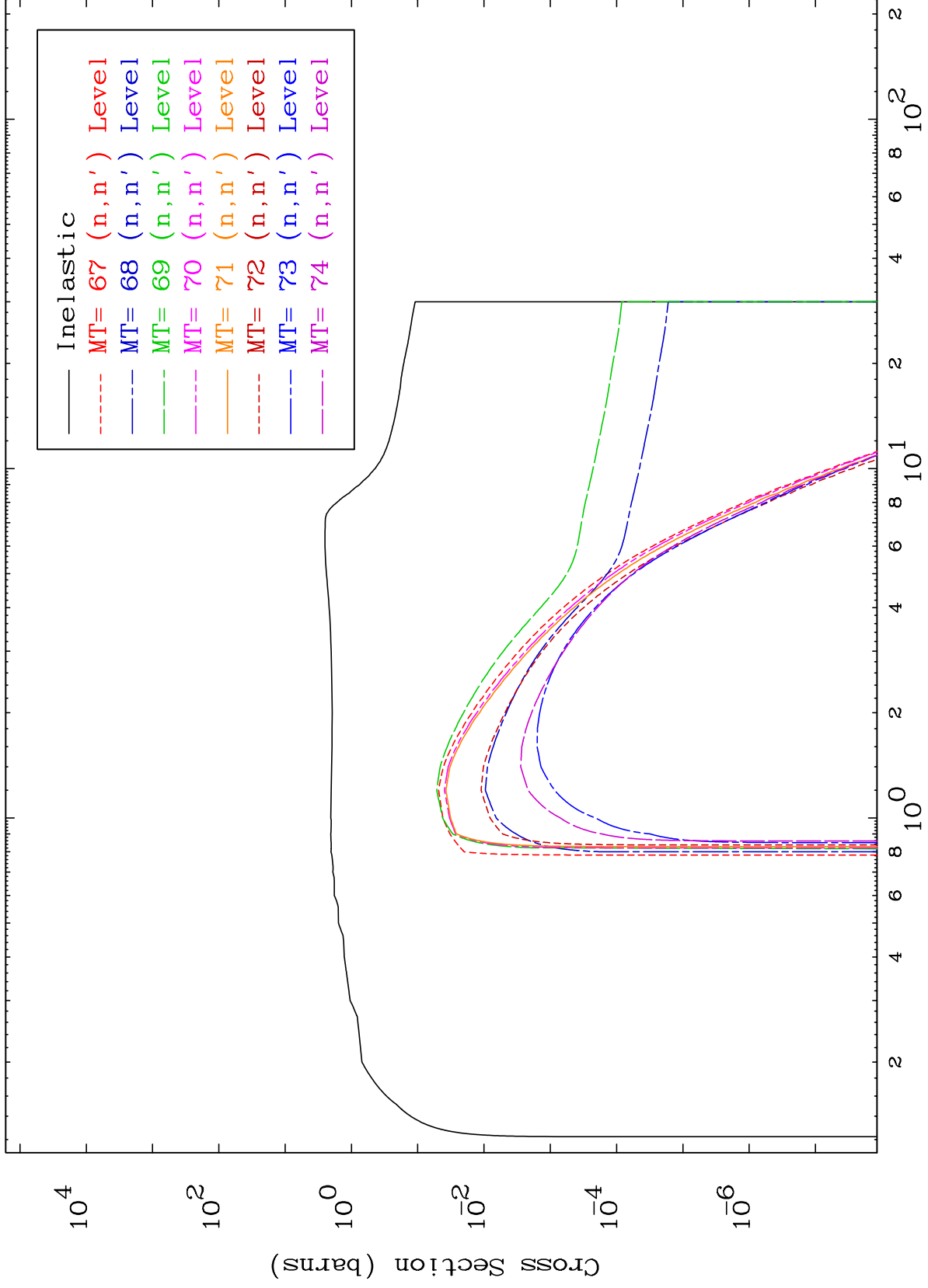


MAT 7131

(n,n') Levels

71-Lu-177

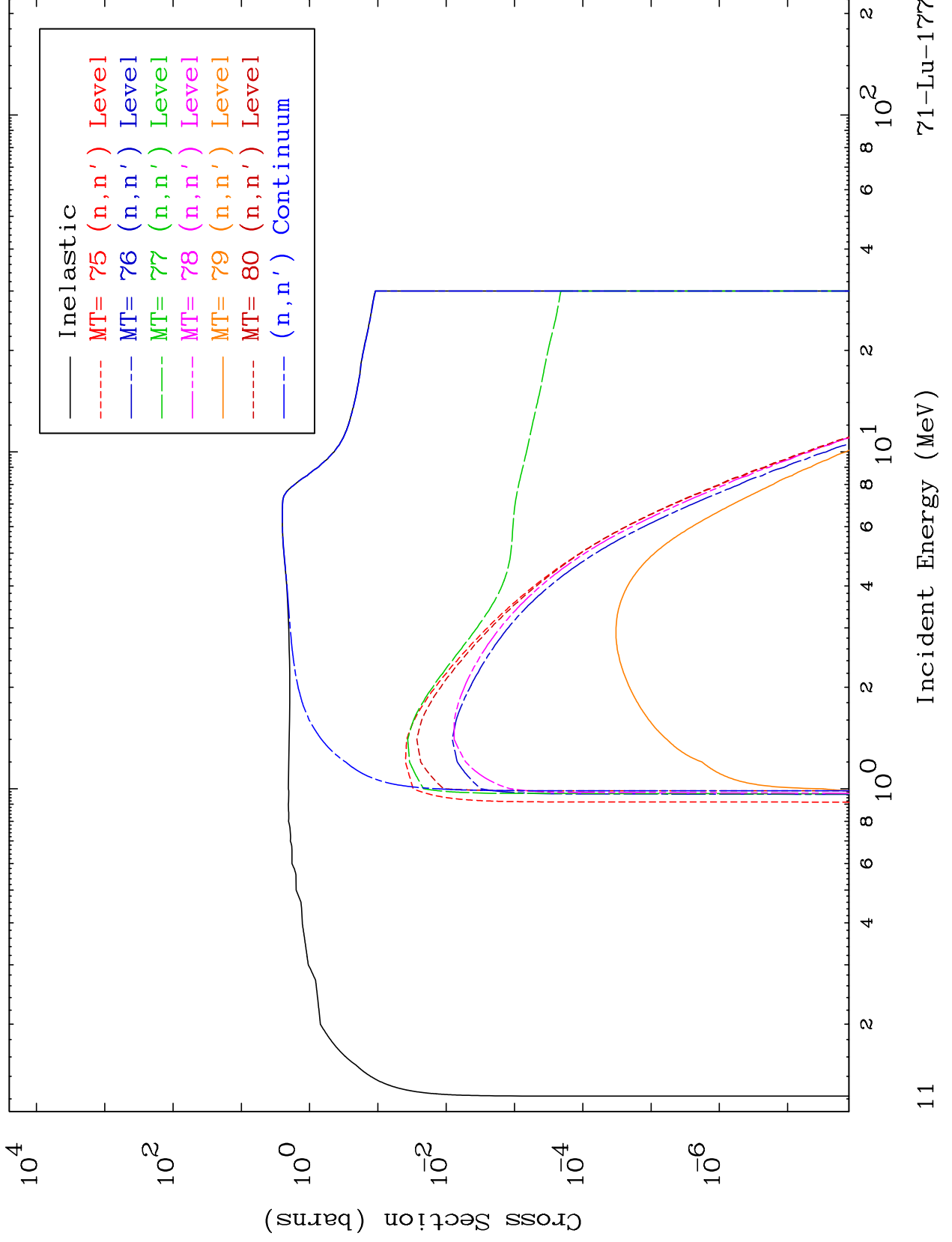
293 Kelvin Cross Sections



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Incident Energy (MeV)

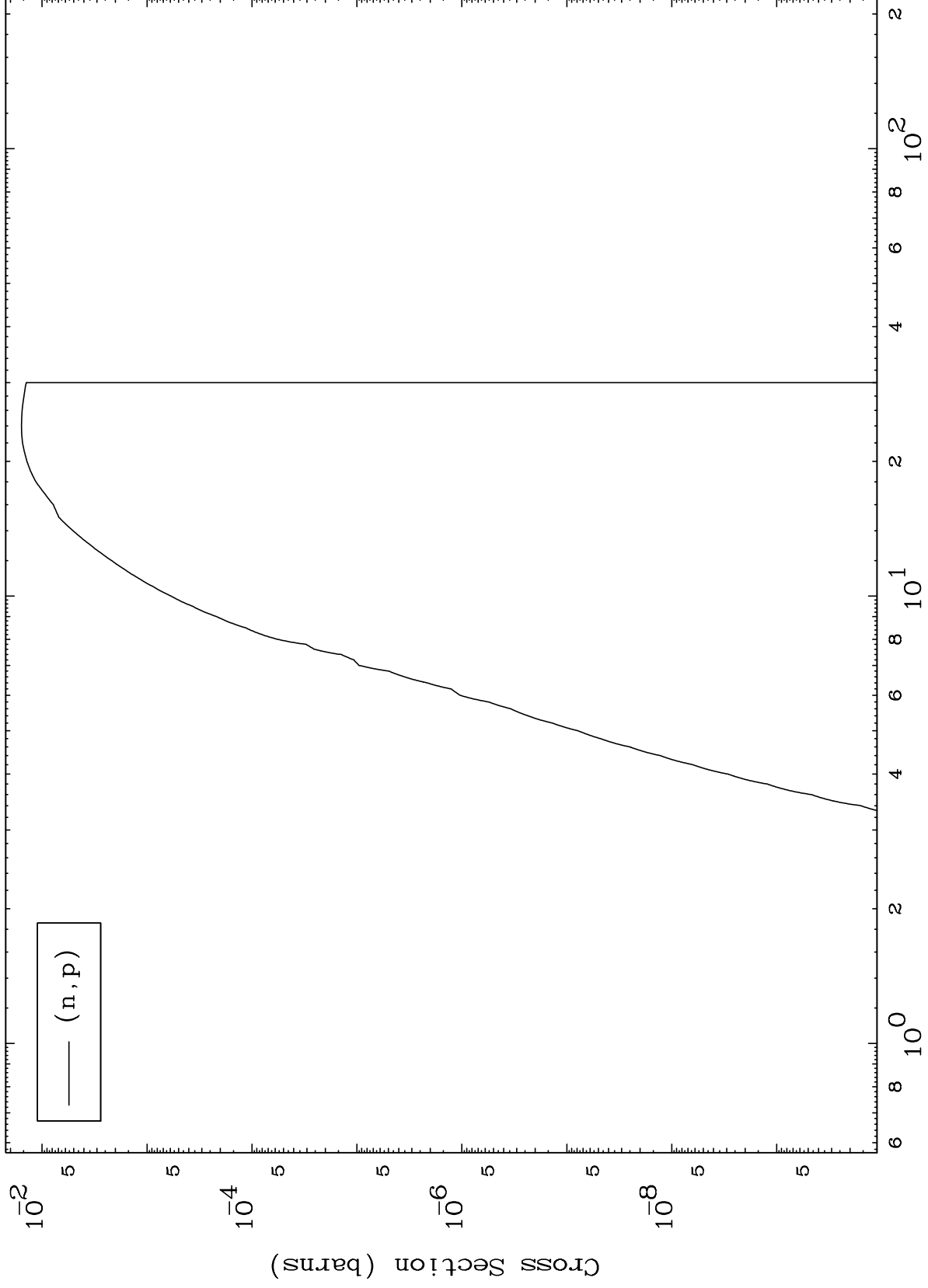
71-Lu-177



MAT 7131

(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-177



12

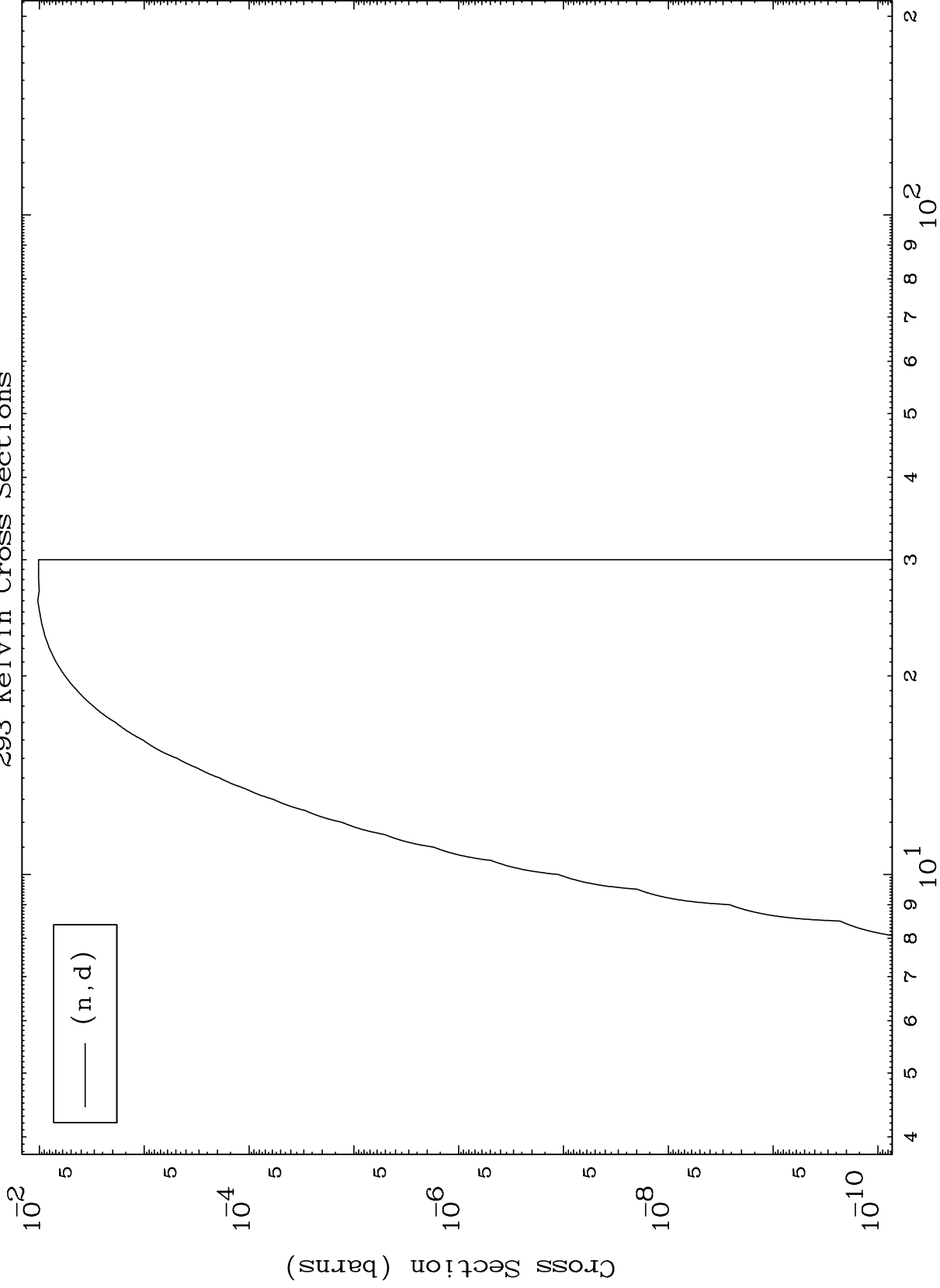
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-177



13

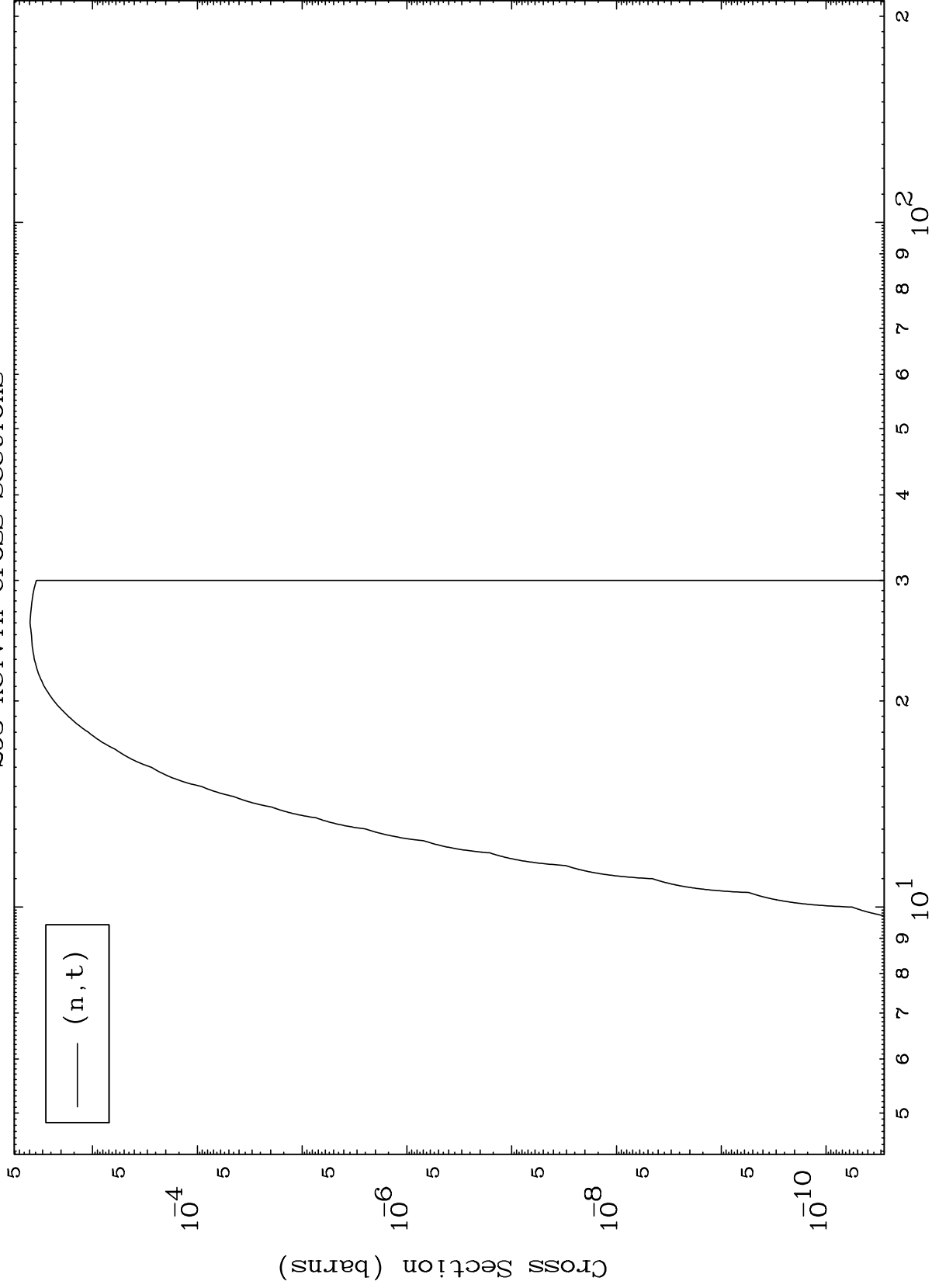
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-177



14

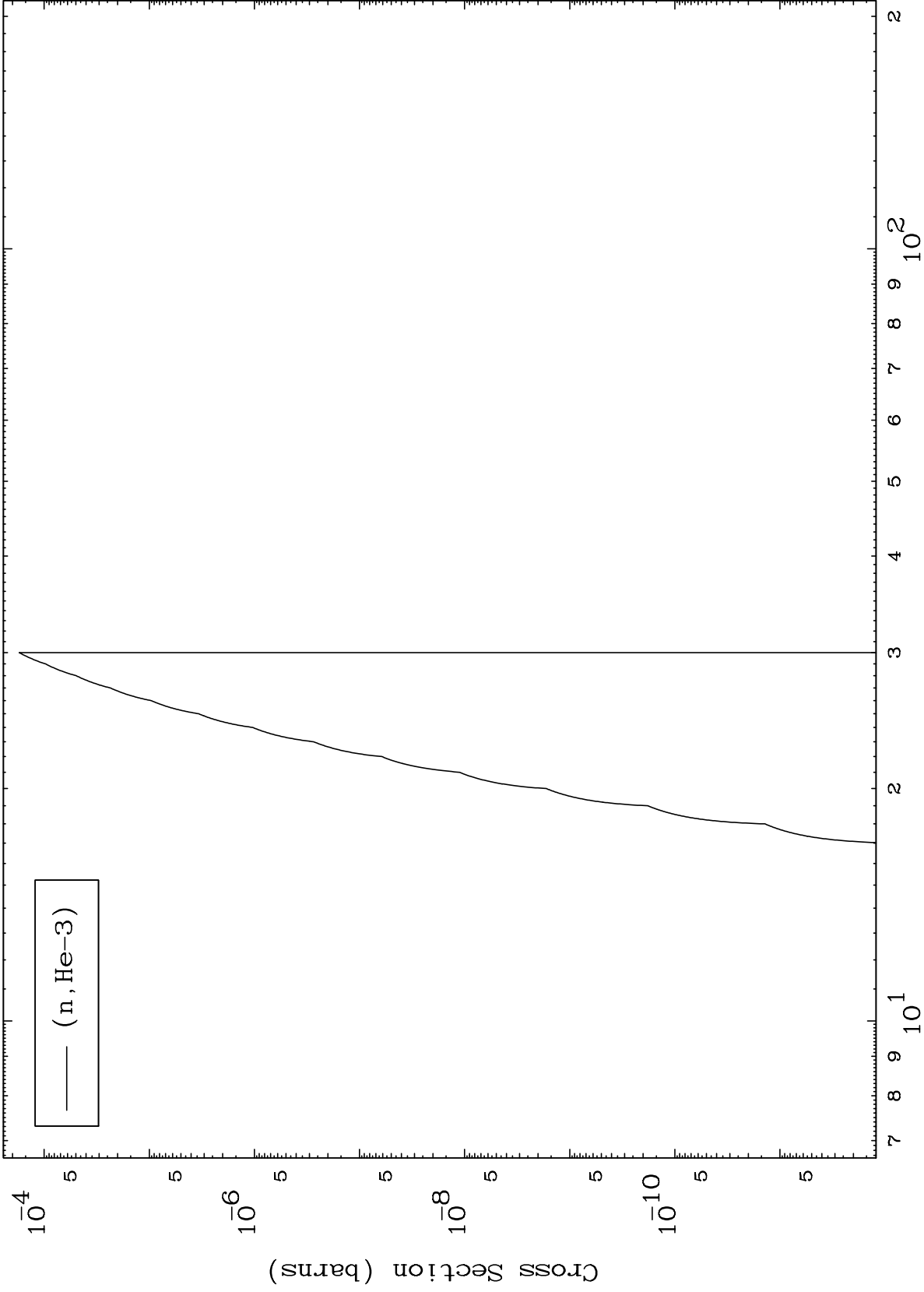
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-177



15

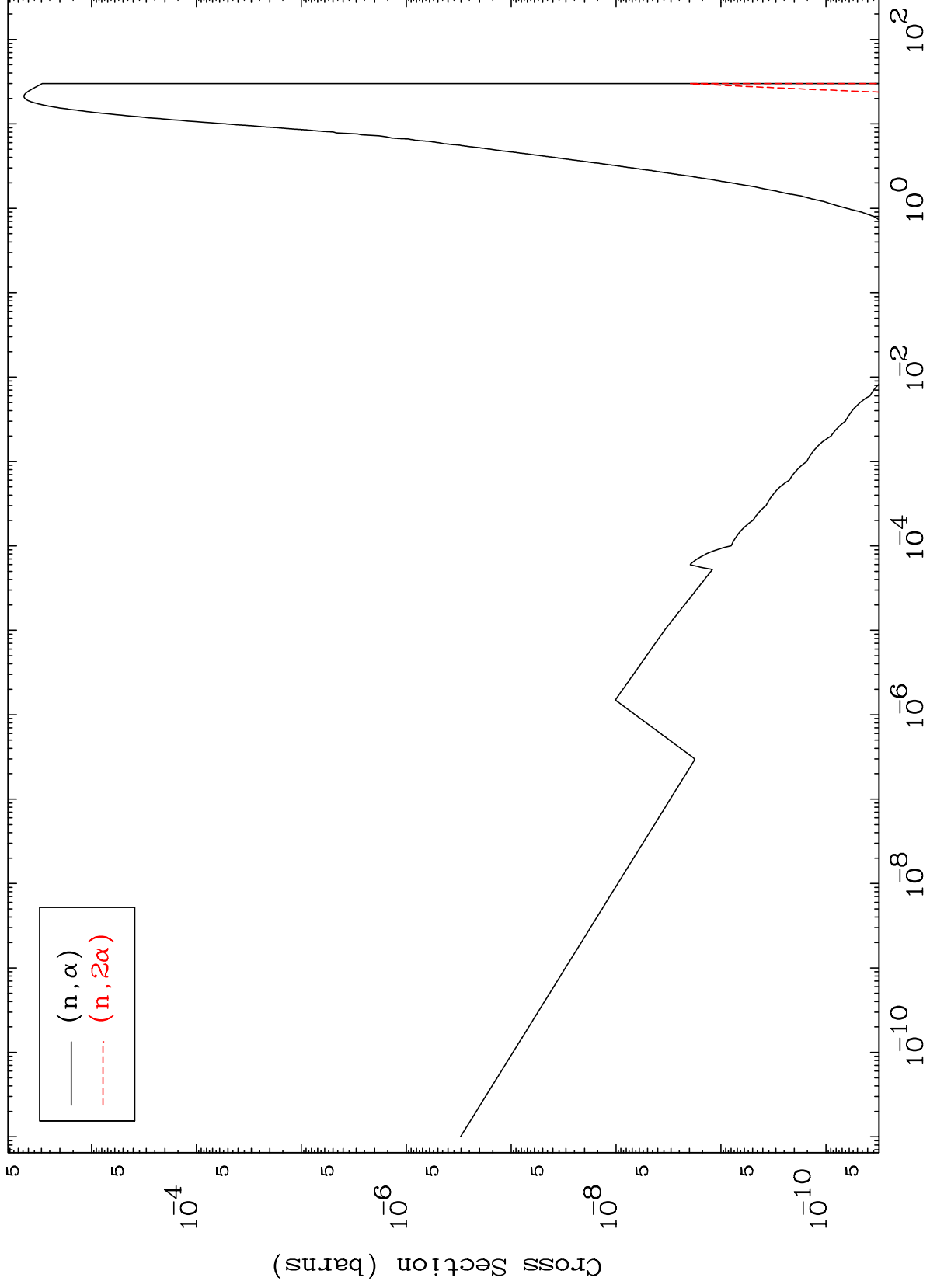
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

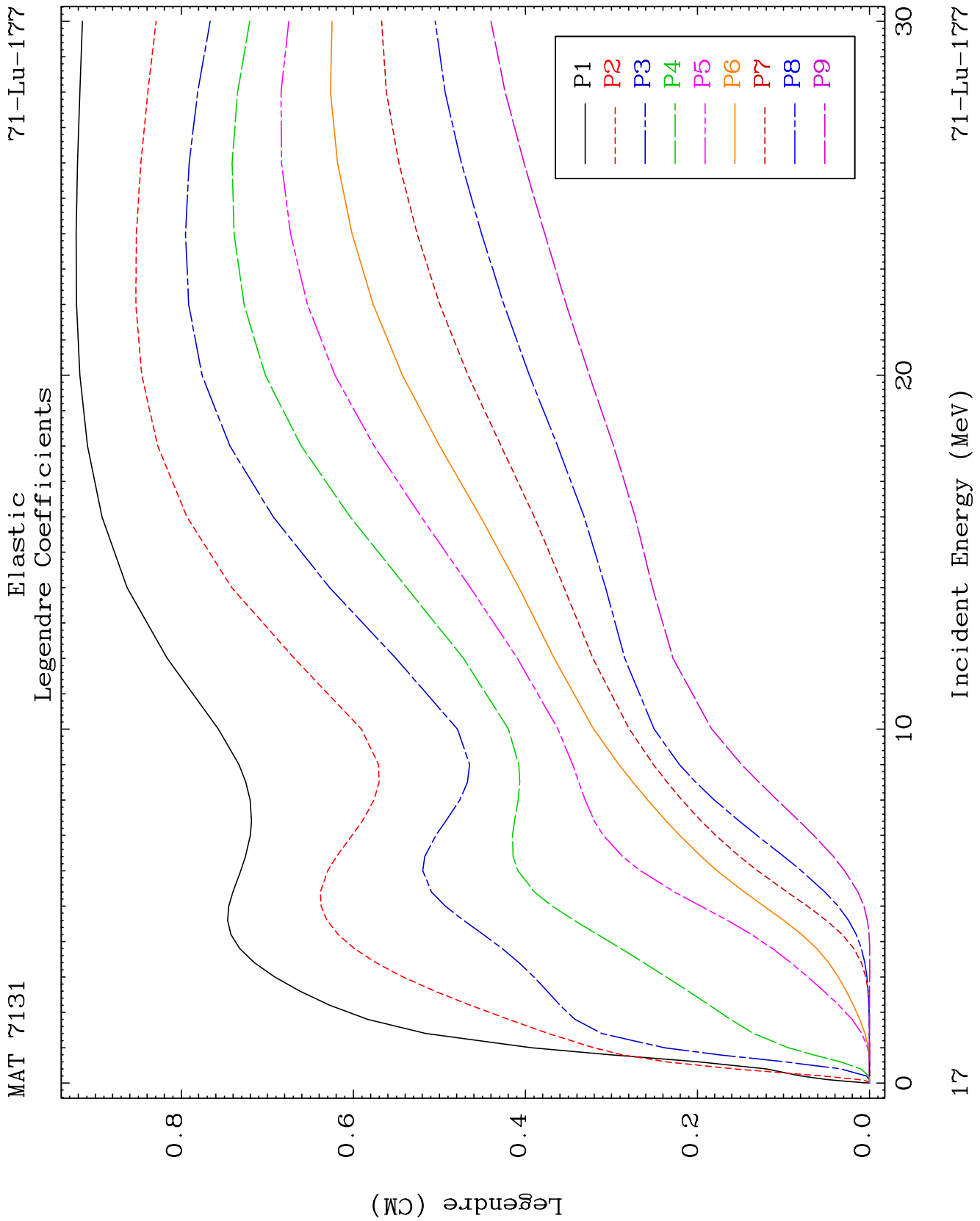
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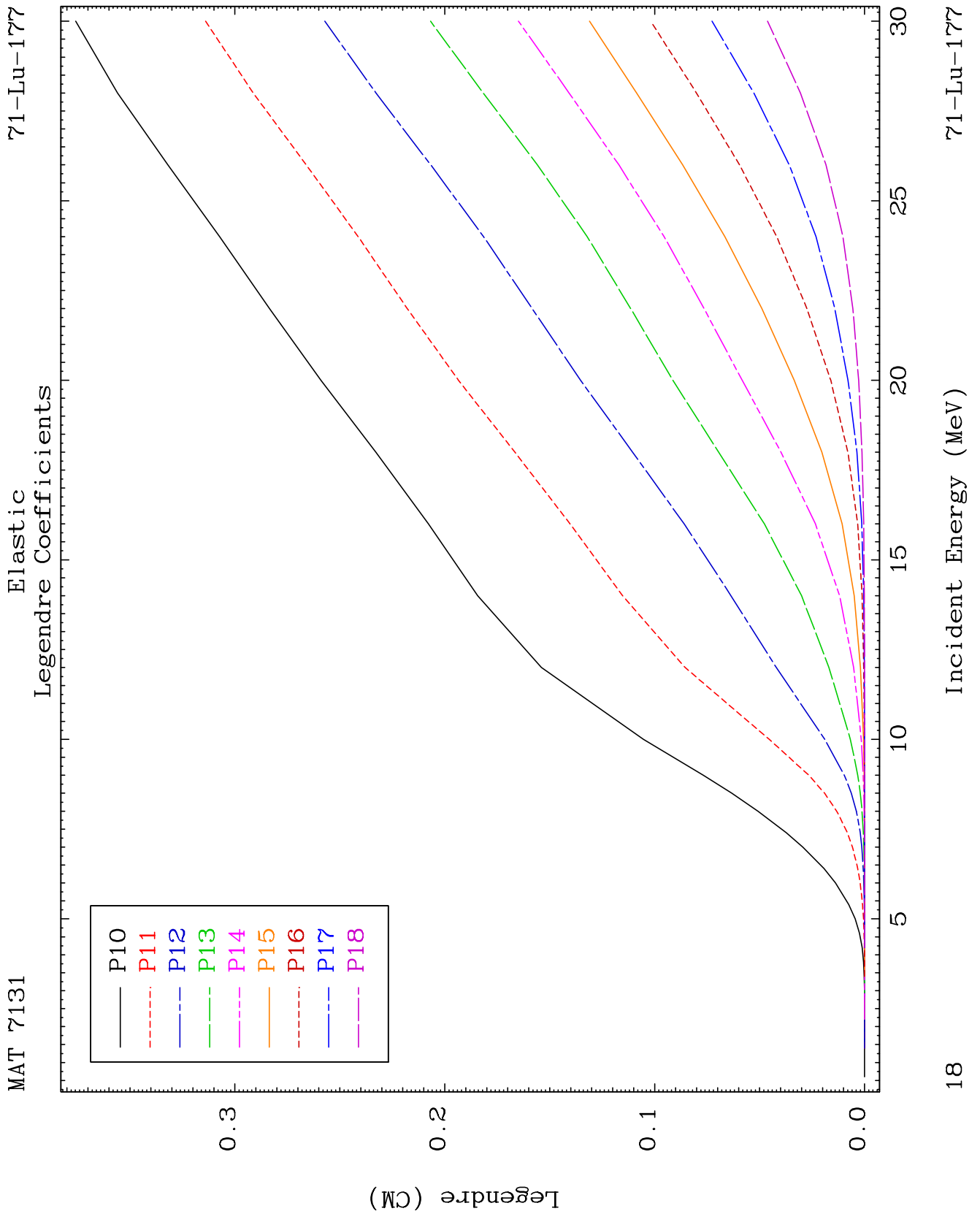


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Incident Energy (MeV)

71-Lu-177

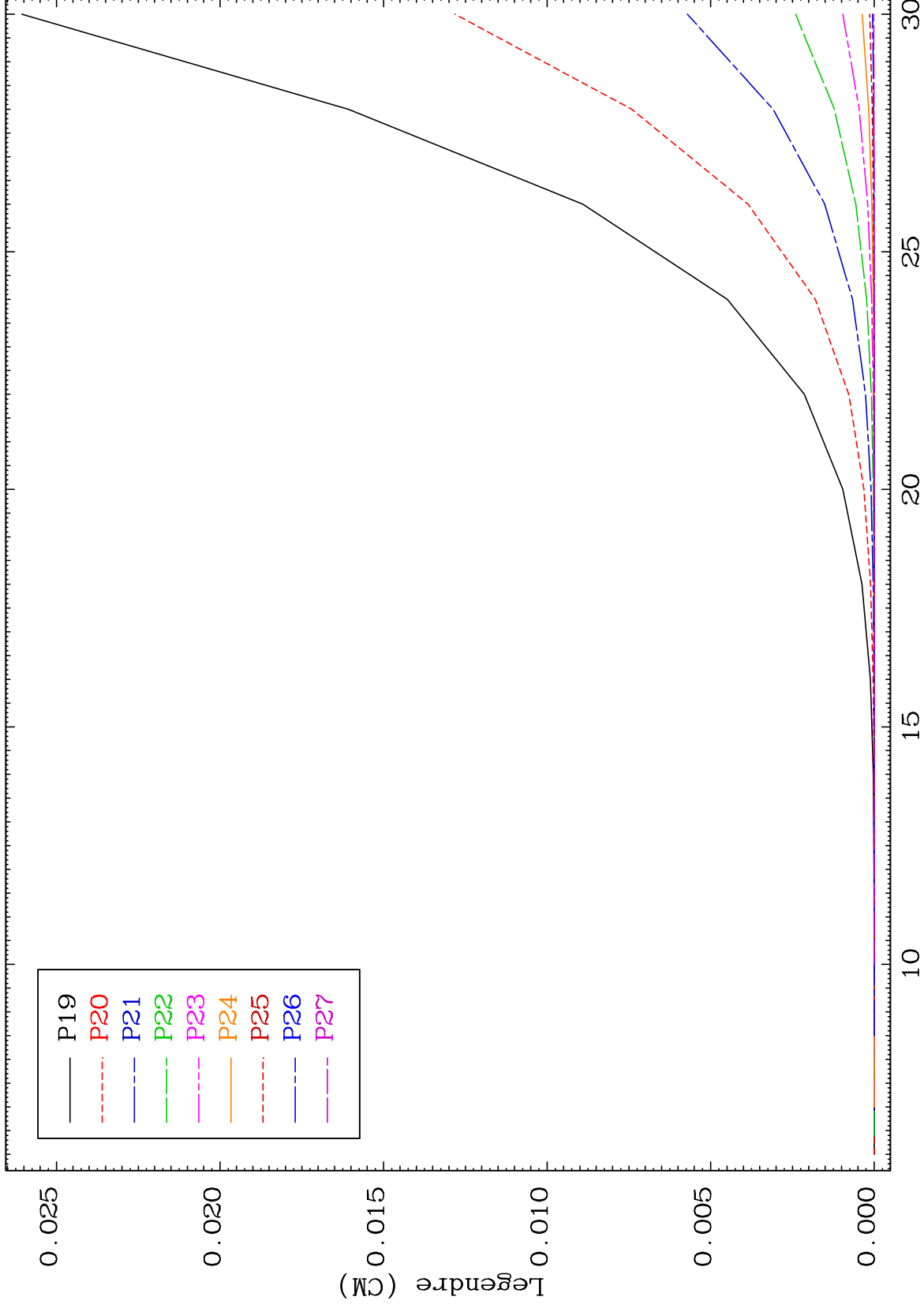




MAT 7131

Elastic Legendre Coefficients

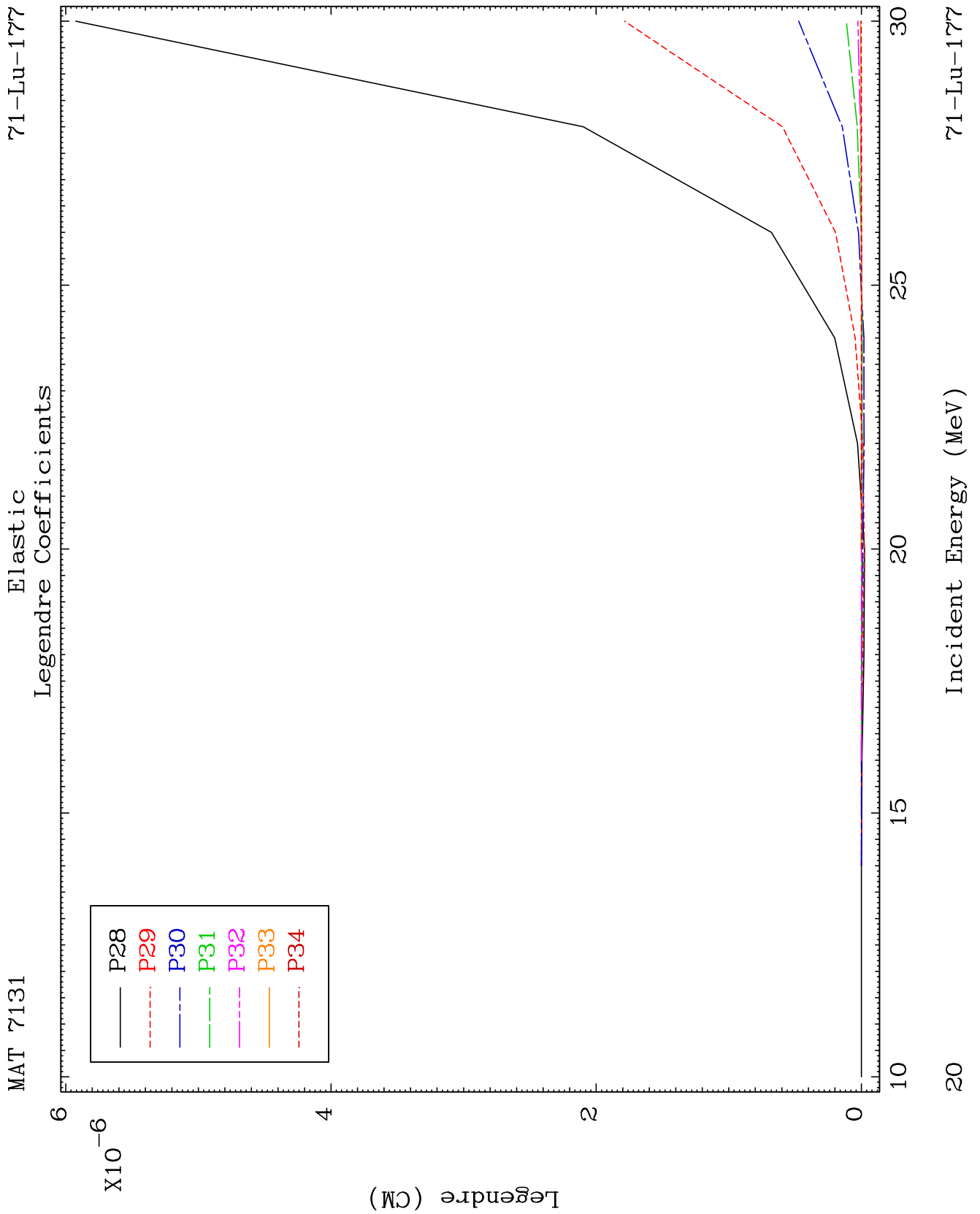
71-Lu-177



19

Incident Energy (MeV)

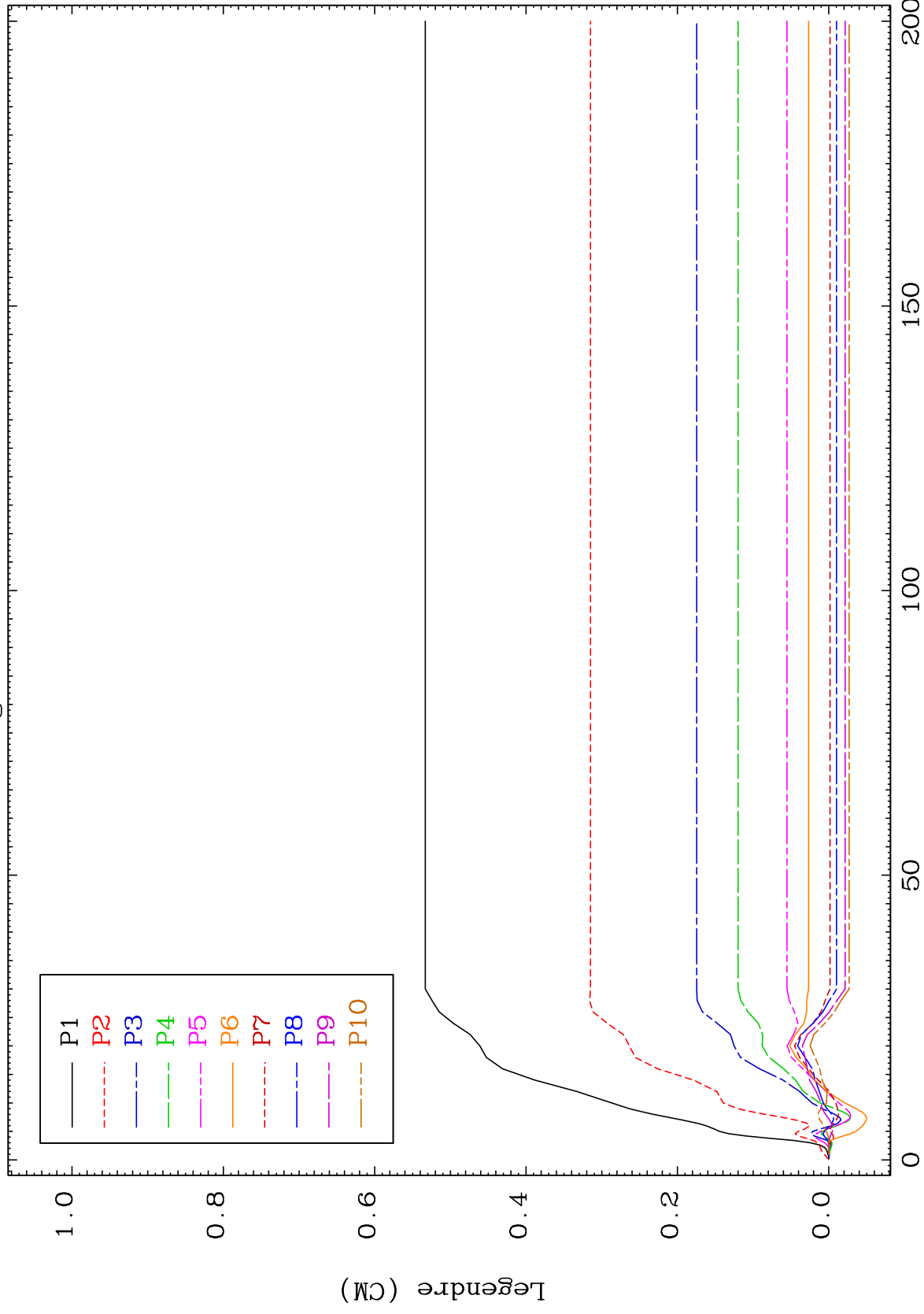
71-Lu-177



MAT 7131

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

71-Lu-177



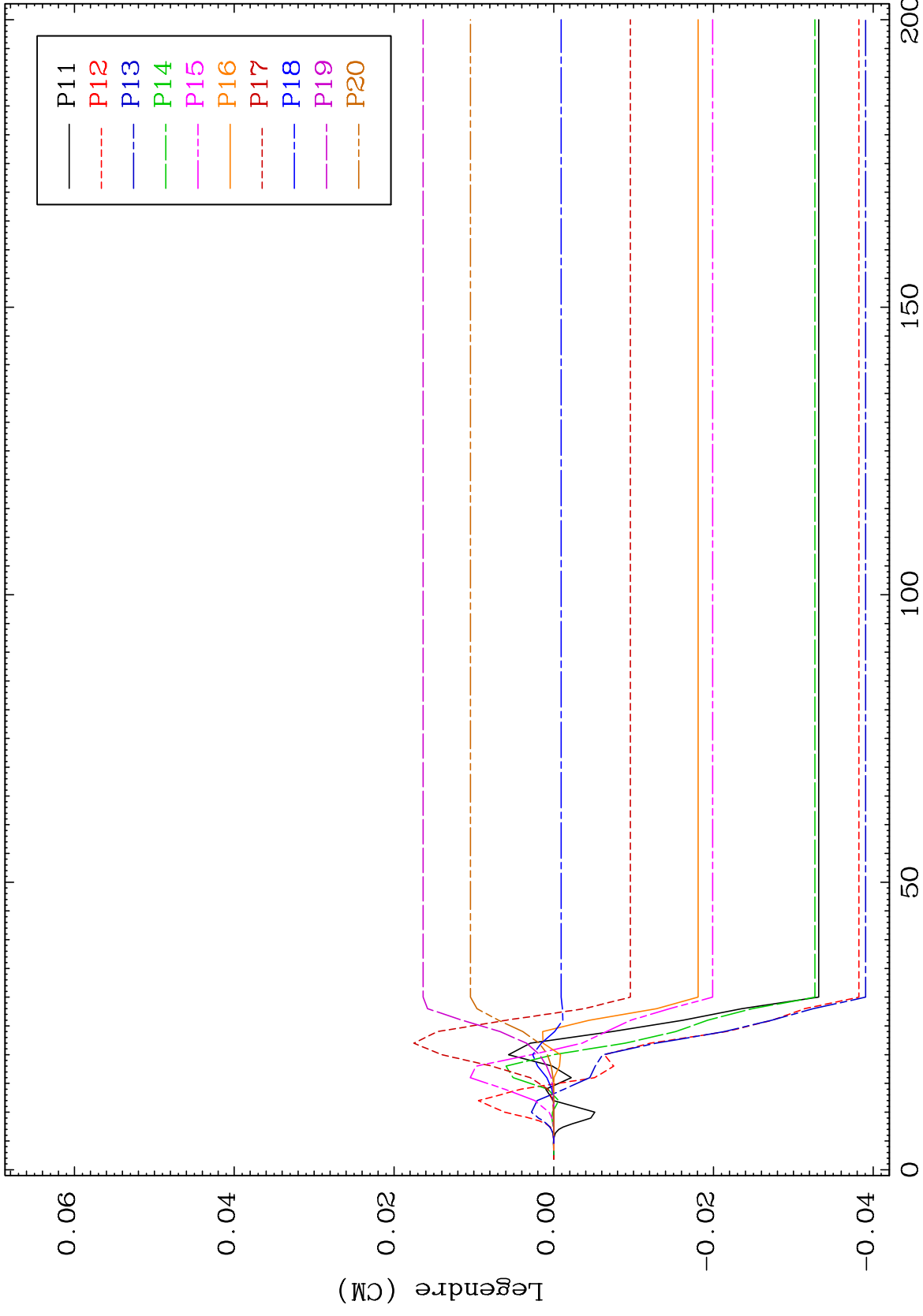
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71-Lu-177

MAT 7131

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

71-Lu-177



22

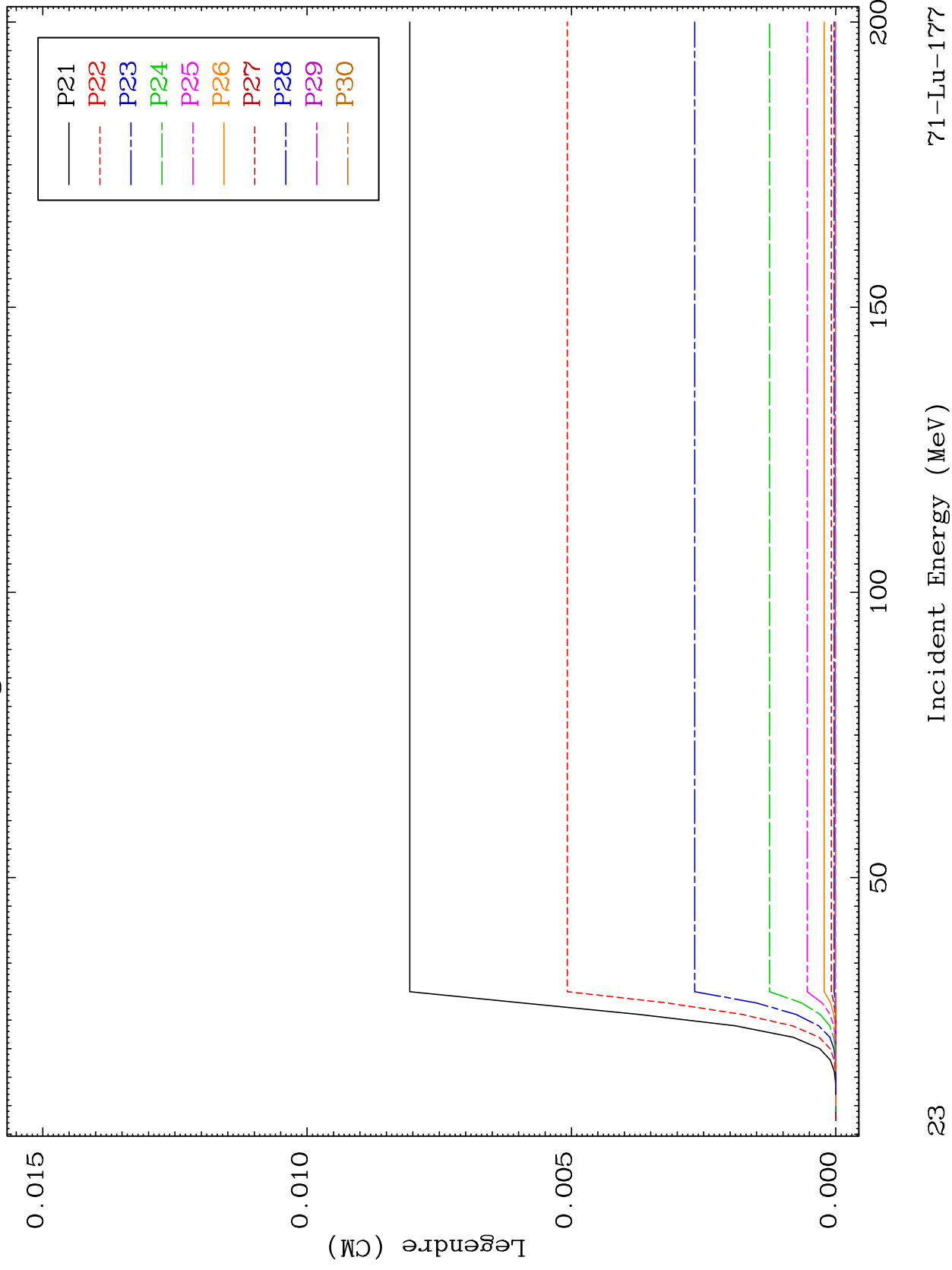
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



23

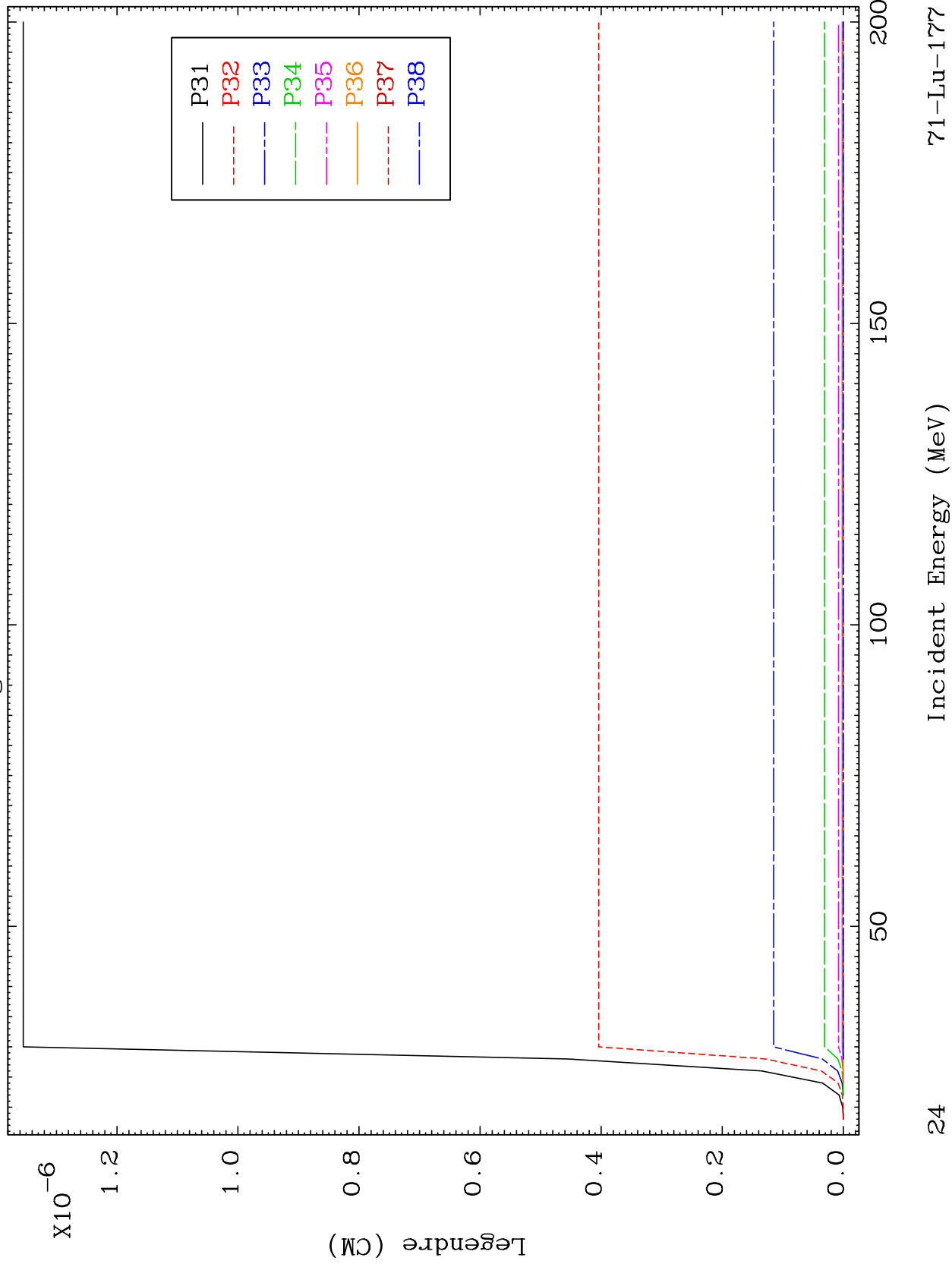
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



24

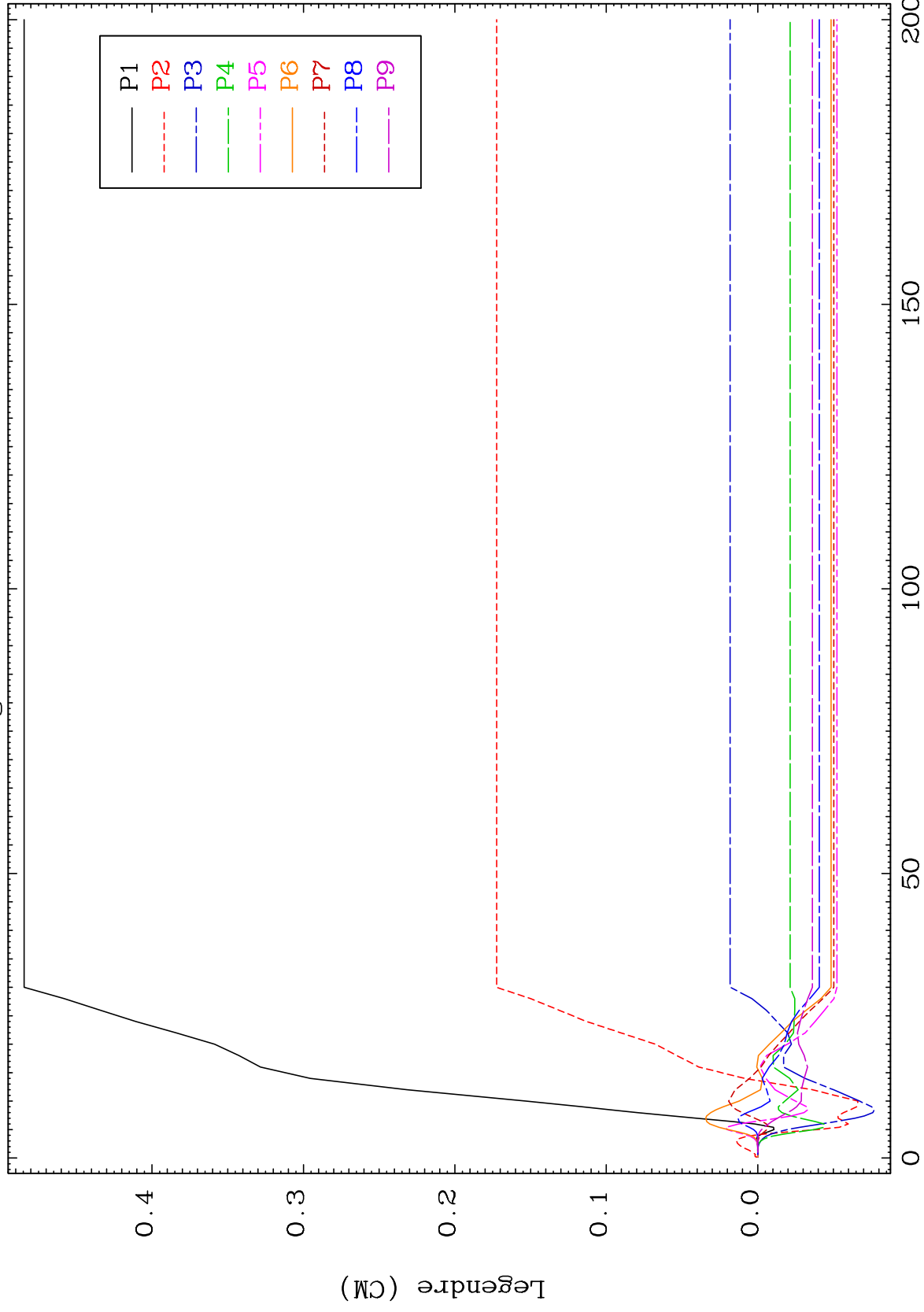
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



25

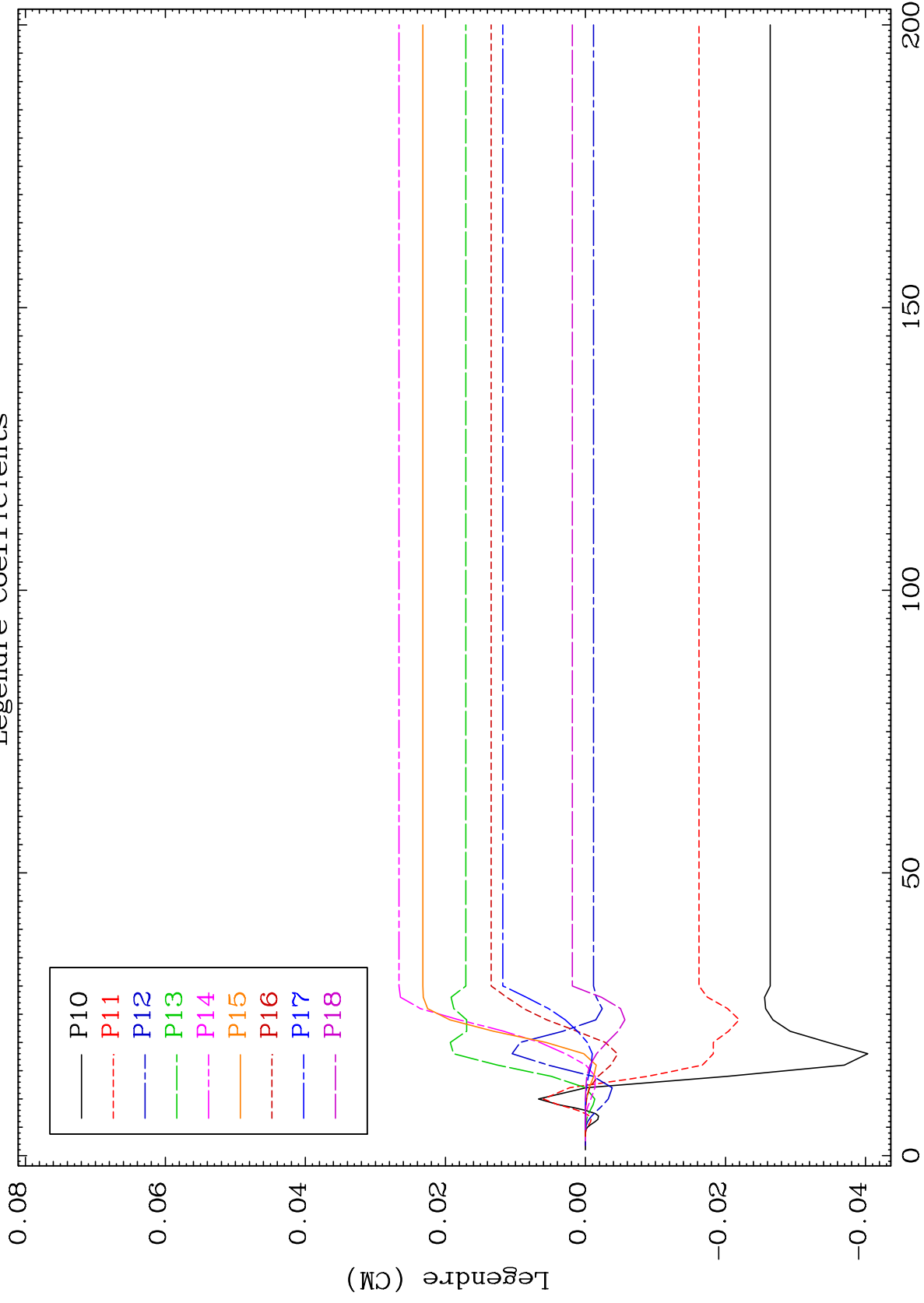
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

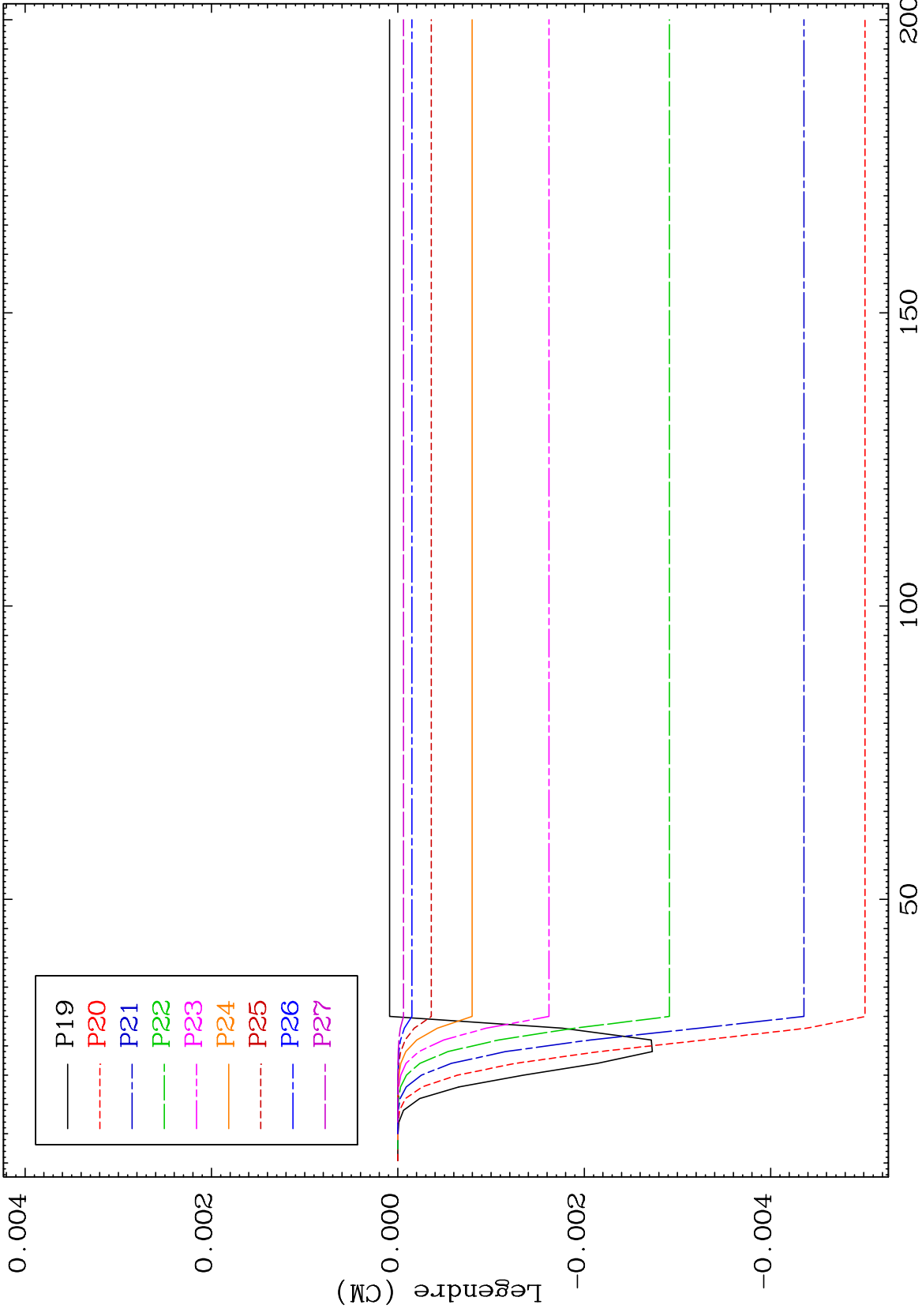
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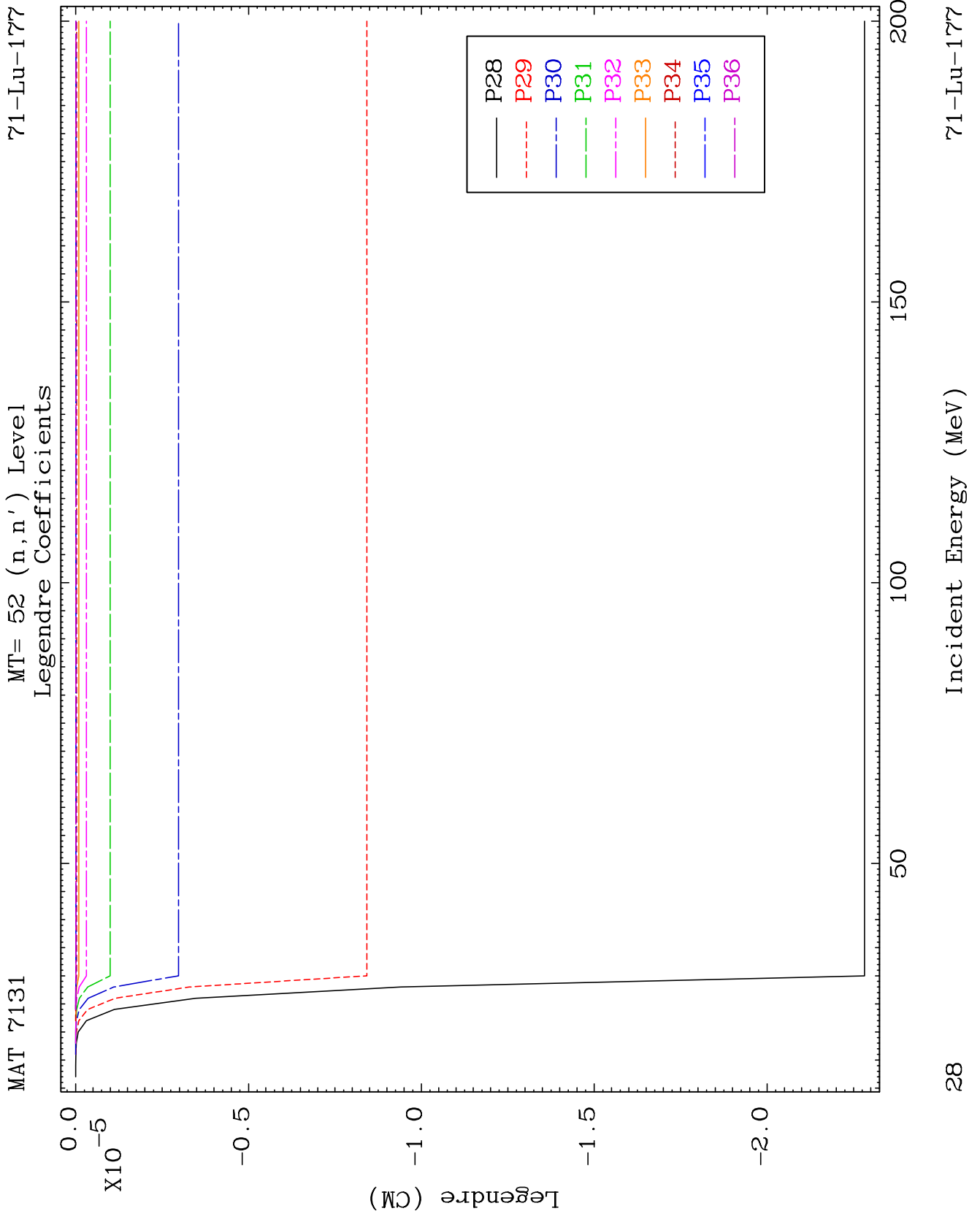


26

Incident Energy (MeV)

71-Lu-177



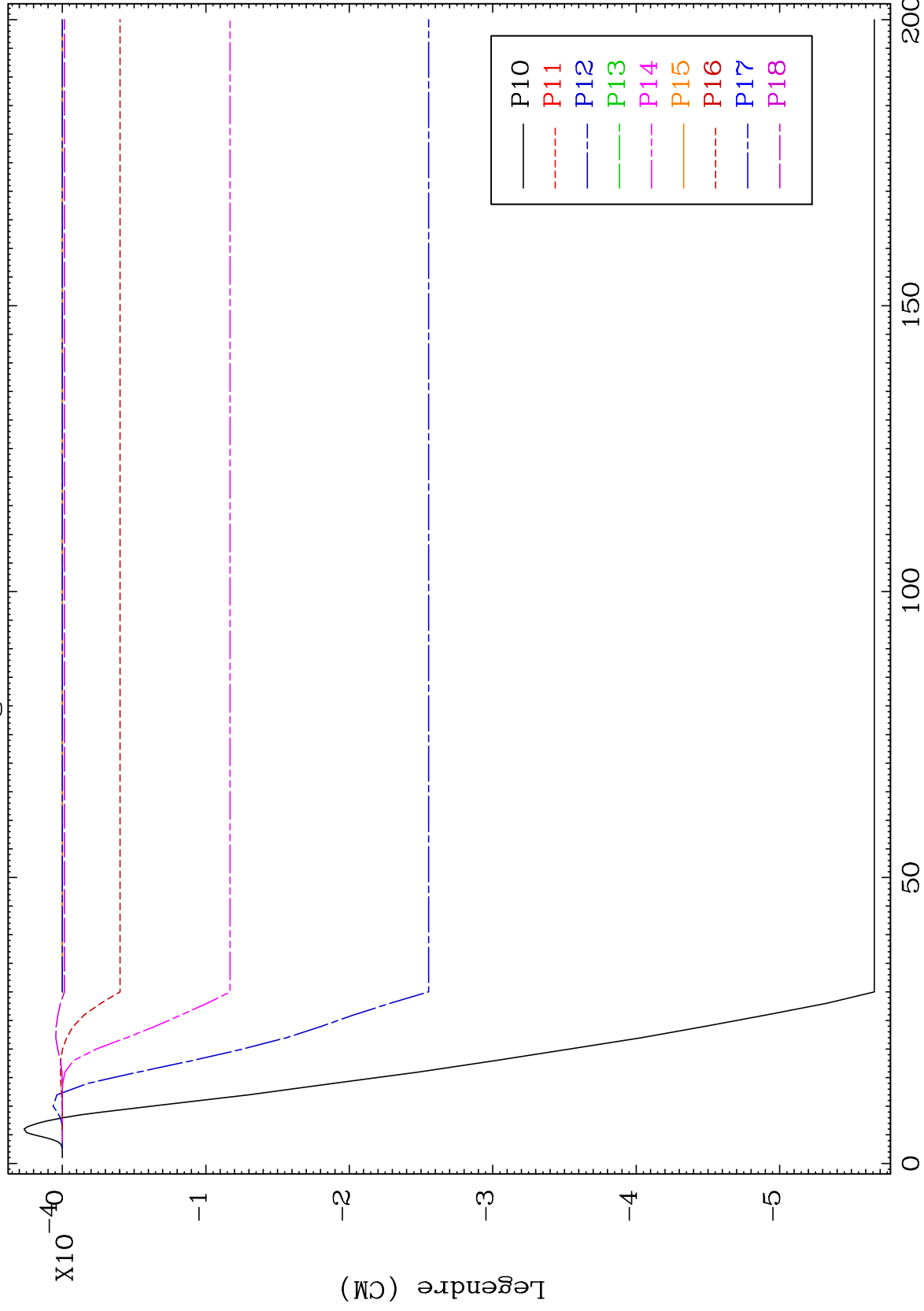




MAT 7131

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

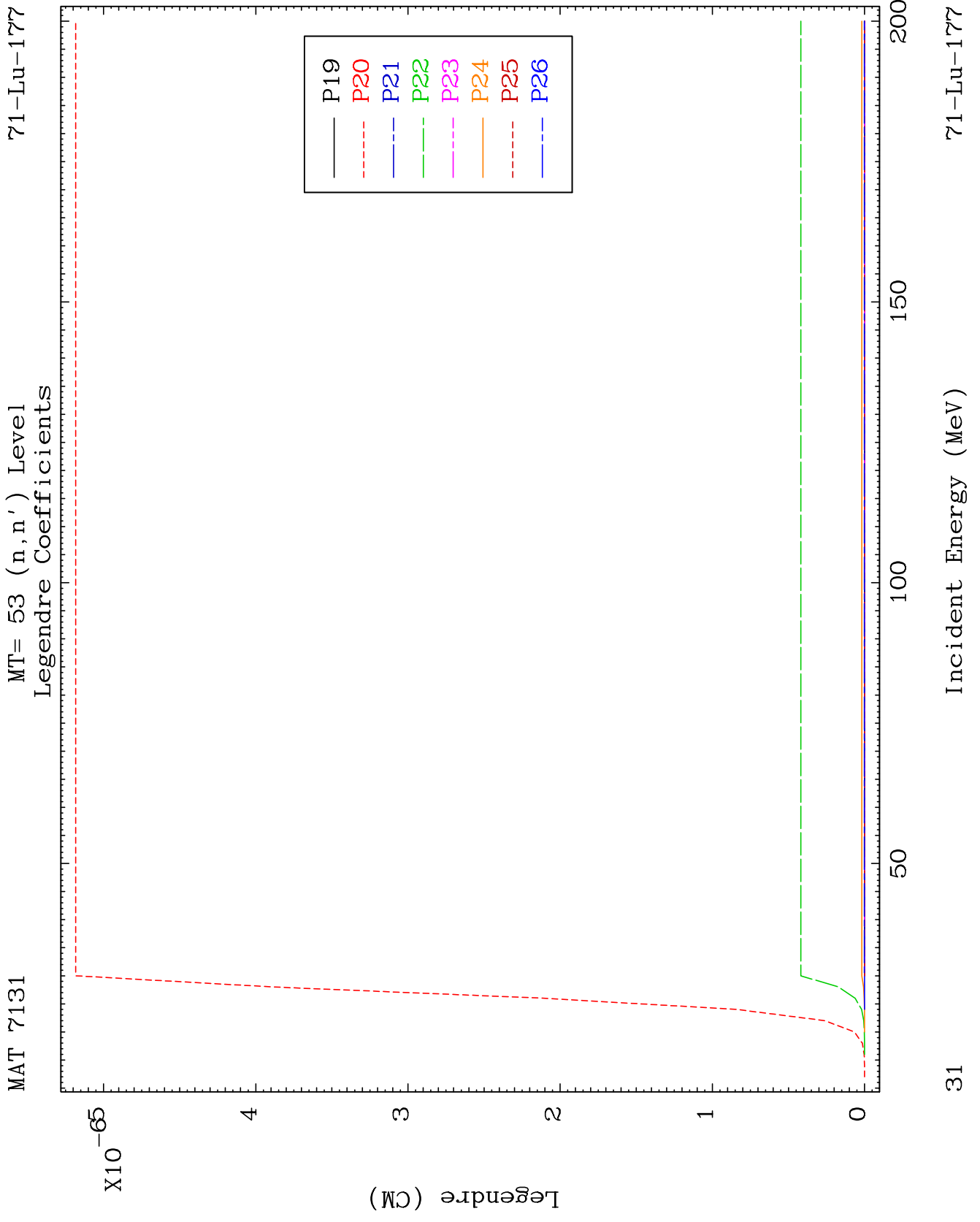
71-Lu-177



30

Incident Energy (MeV)

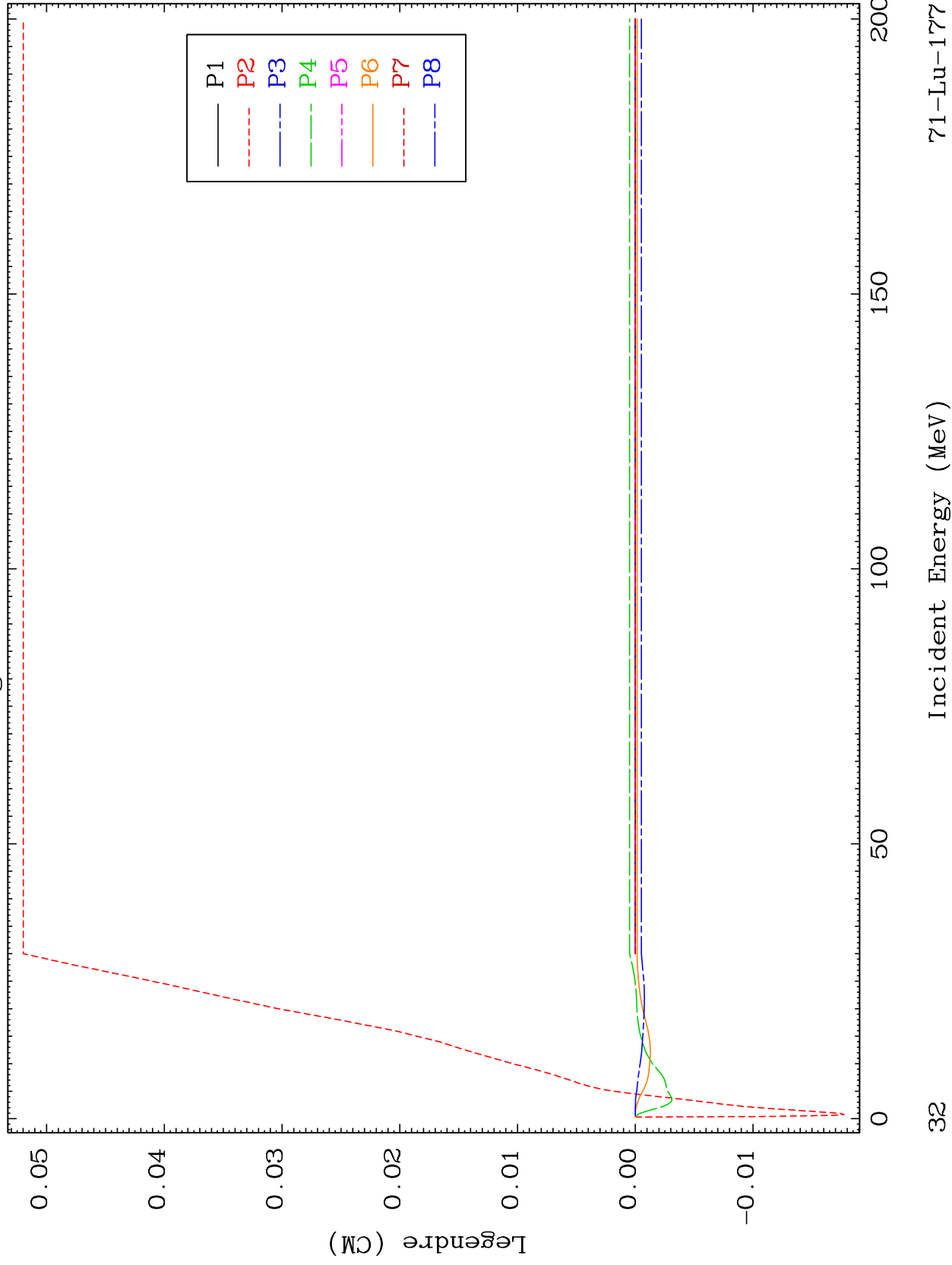
71-Lu-177



MAT 7131

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

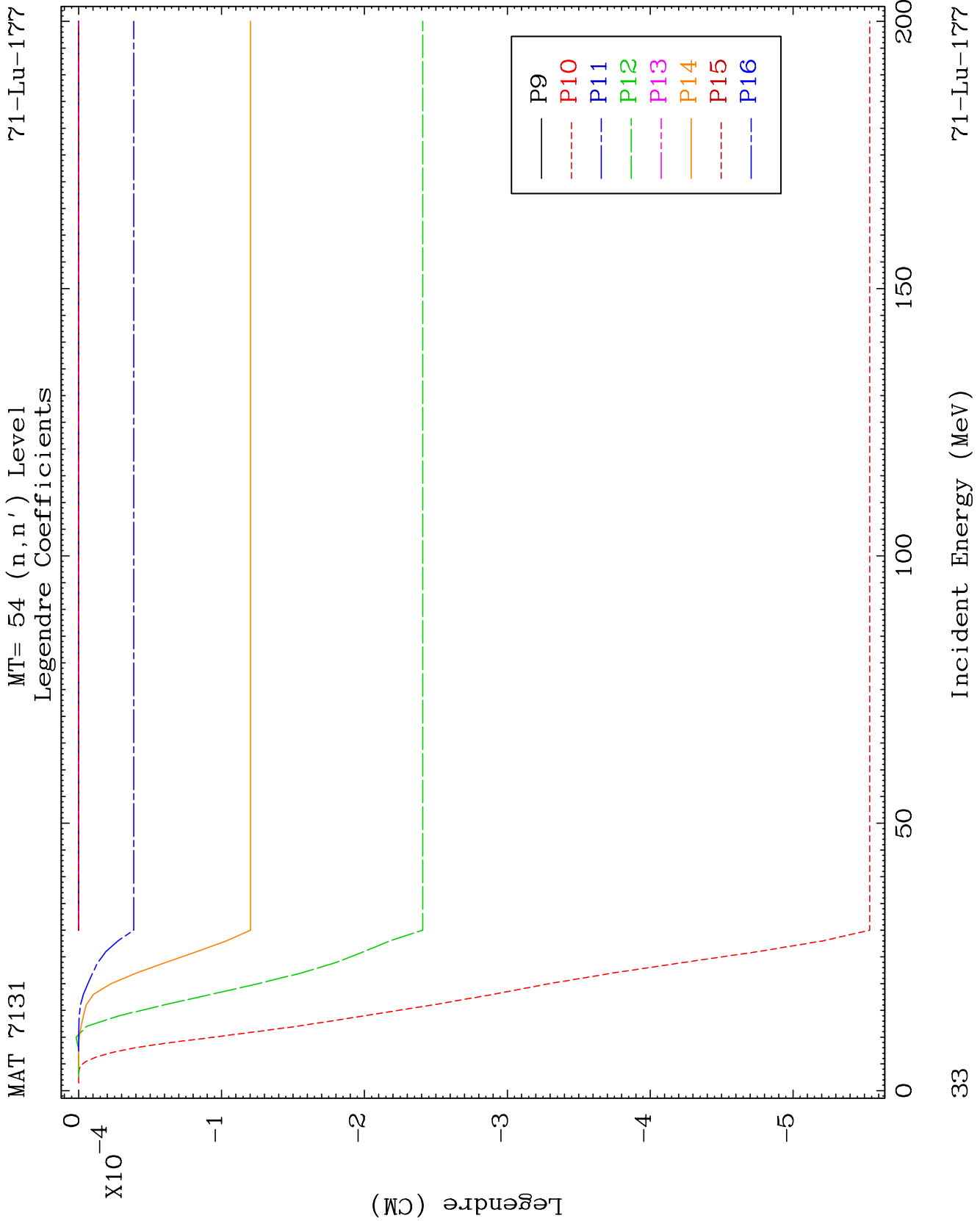
71-Lu-177



71-Lu-177

Incident Energy (MeV)

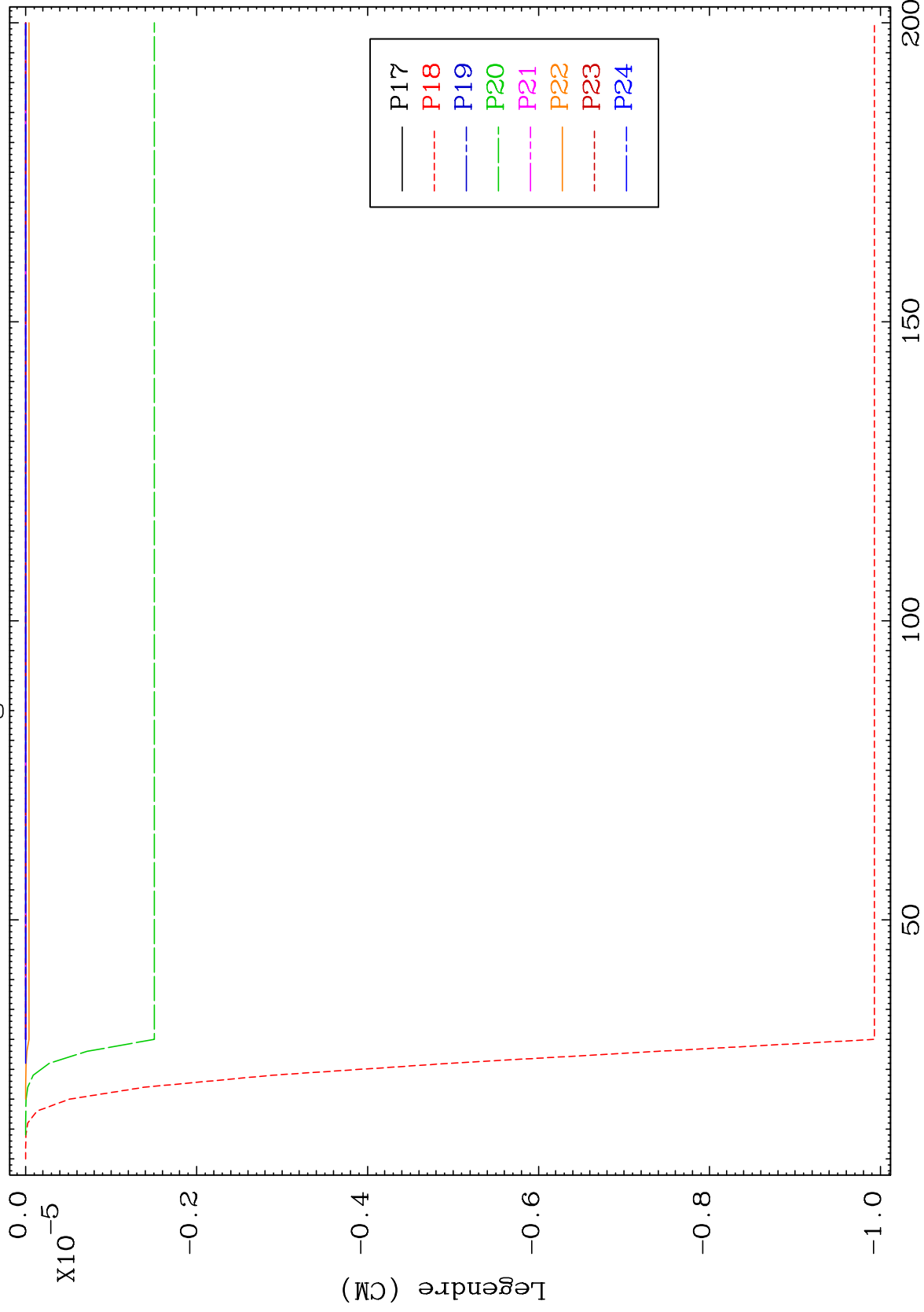
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MAT 7131

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

71-Lu-177



34

Incident Energy (MeV)

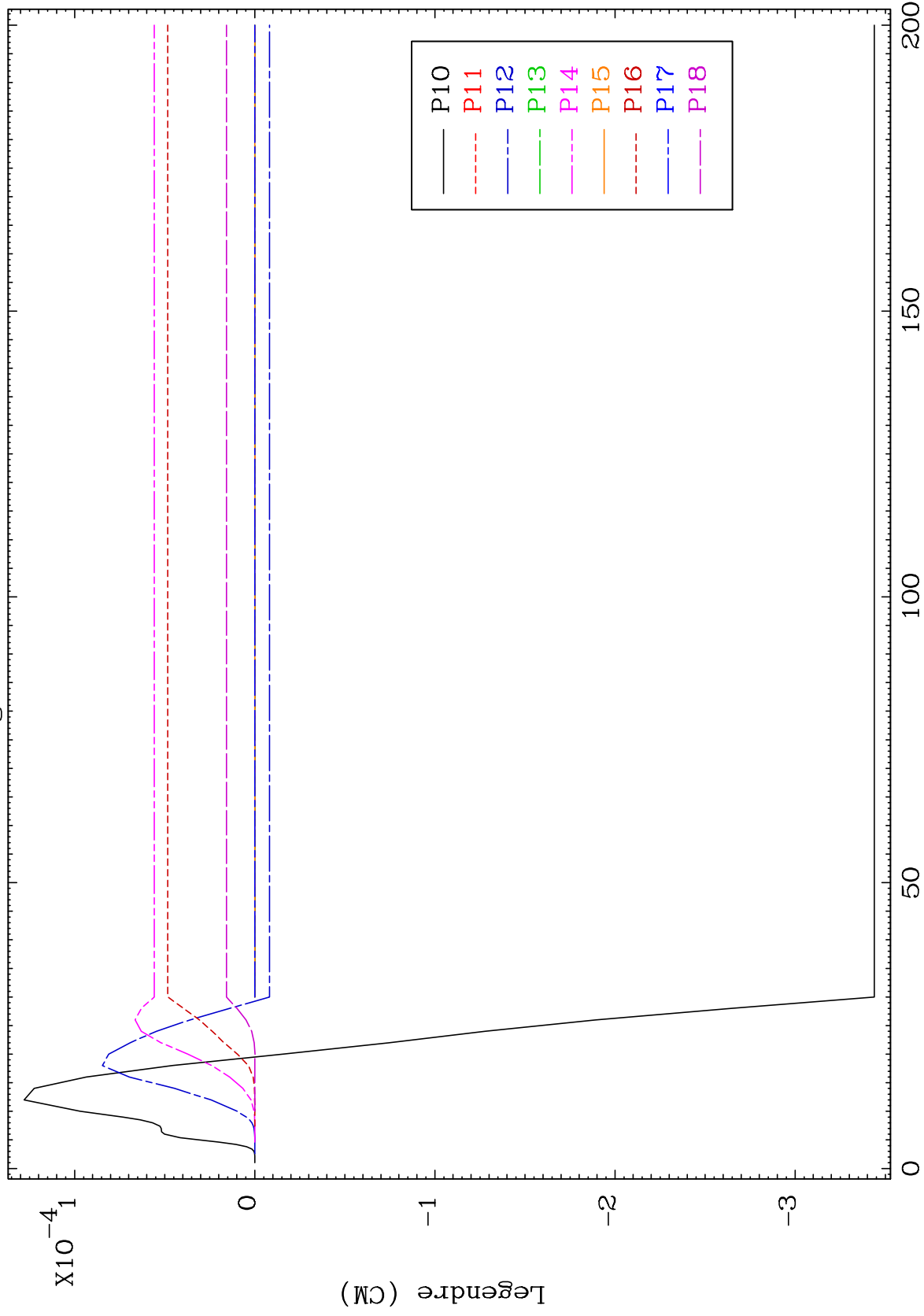
71-Lu-177



MAT 7131

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

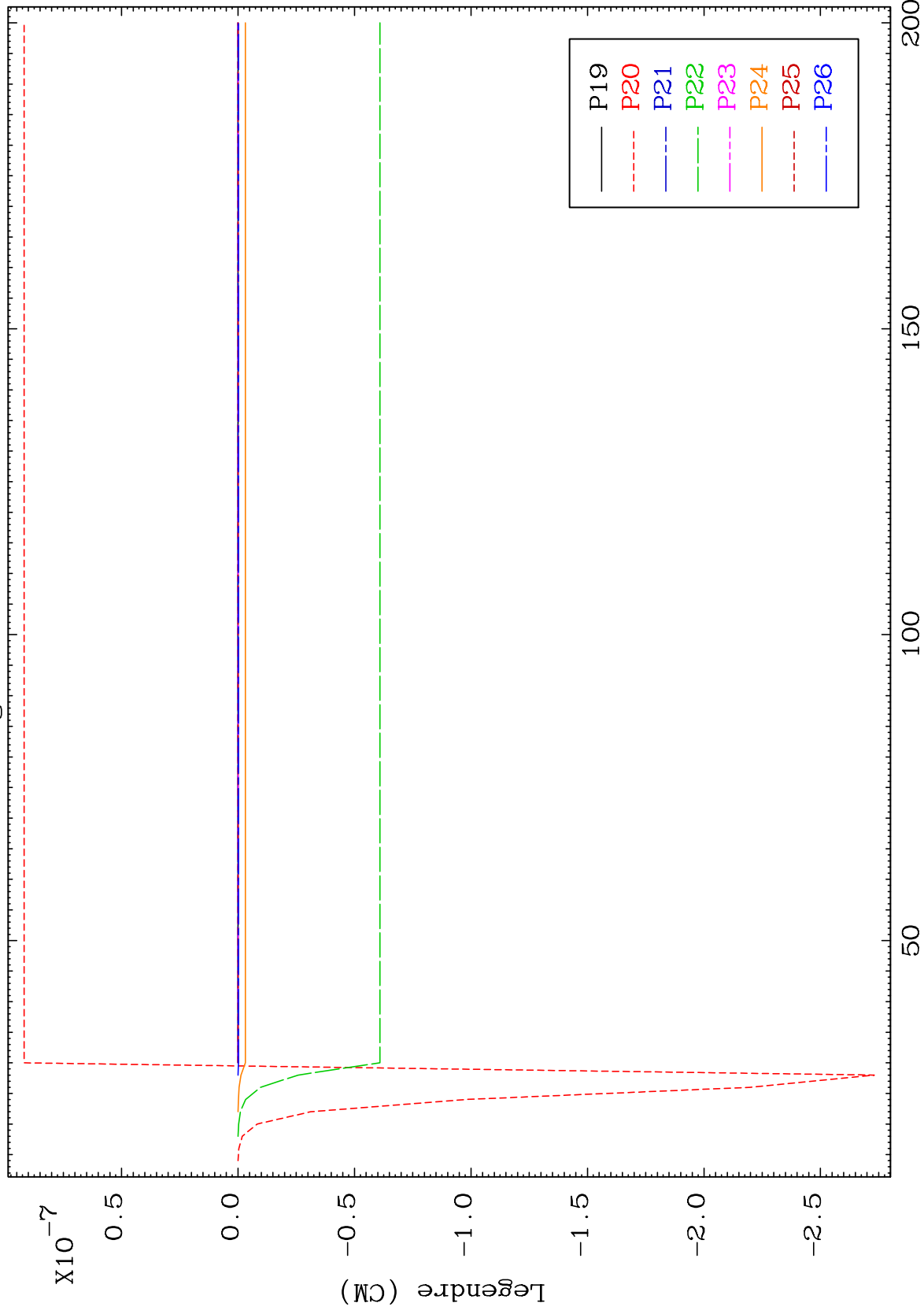
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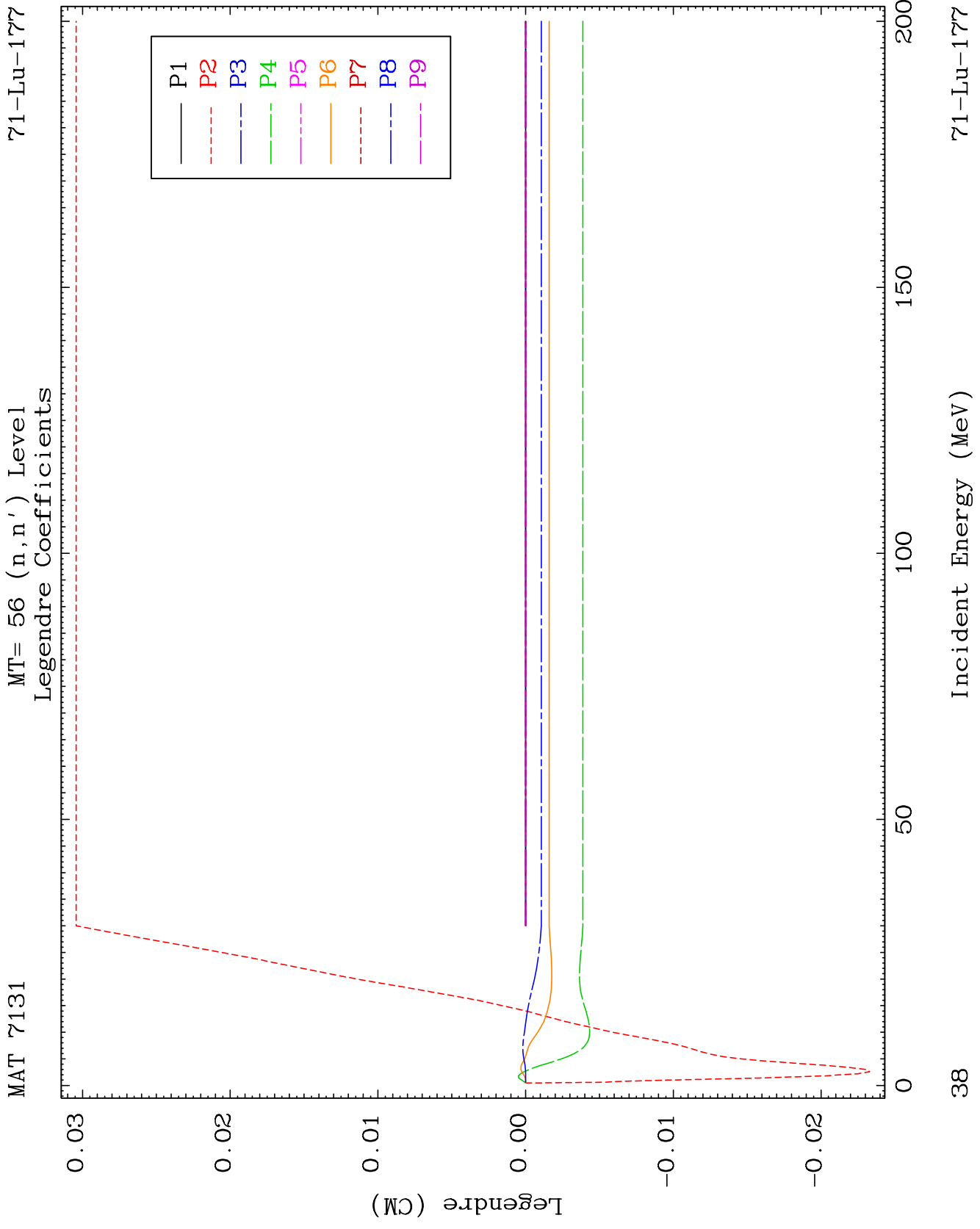


36

Incident Energy (MeV)

71-Lu-177

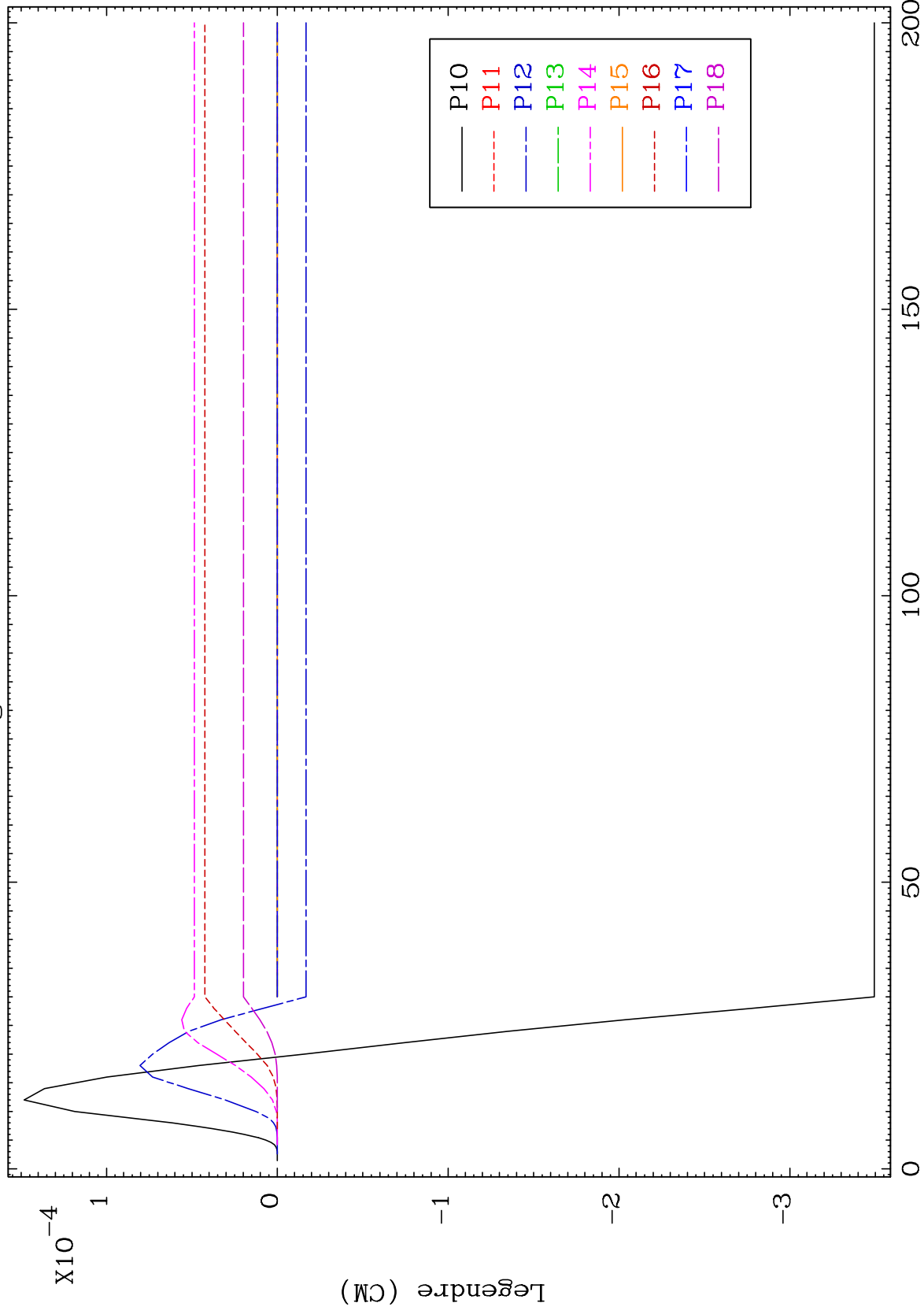




MAT 7131

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

71-Lu-177



39

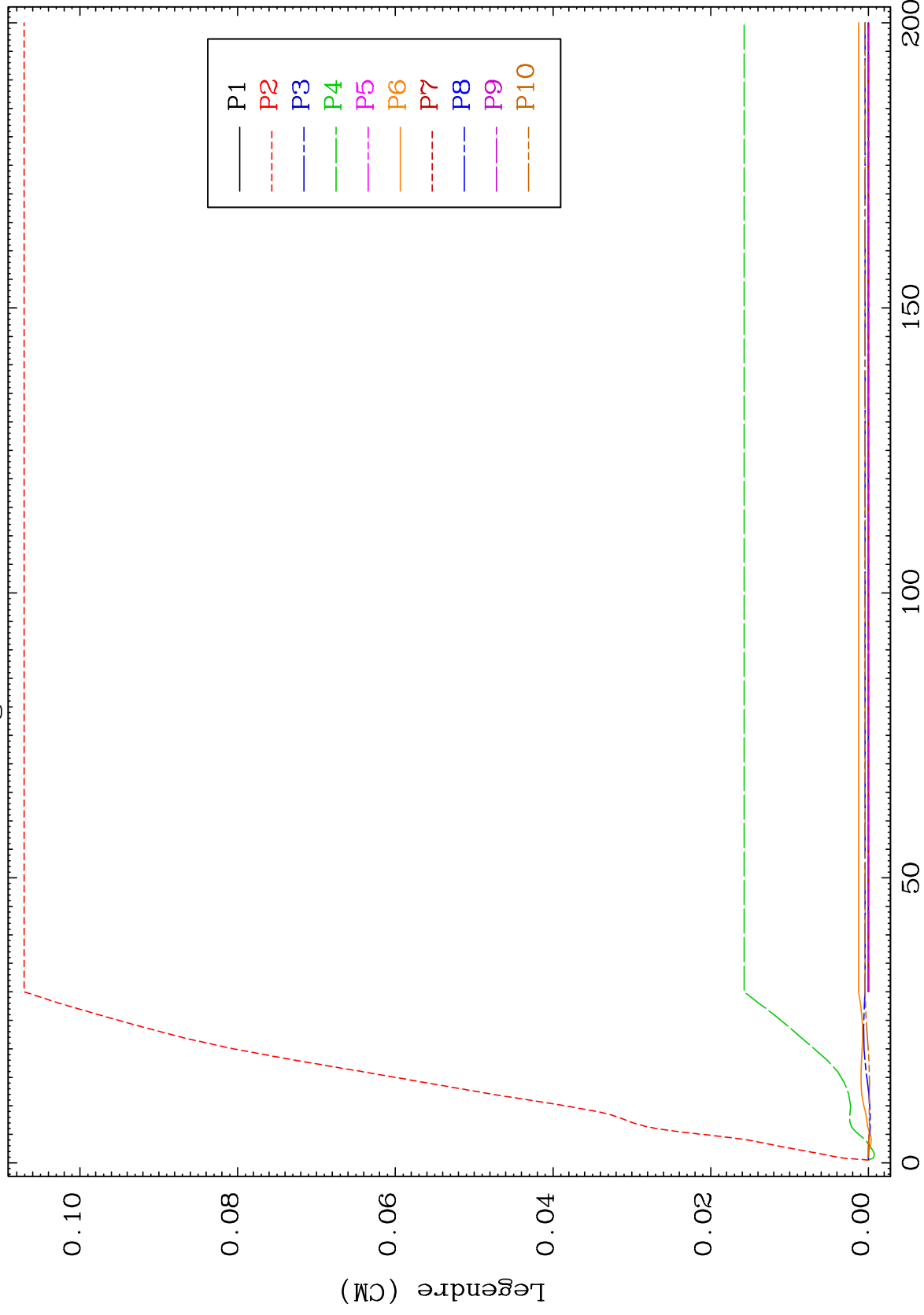
71-Lu-177



MAT 7131

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

71-Lu-177



41

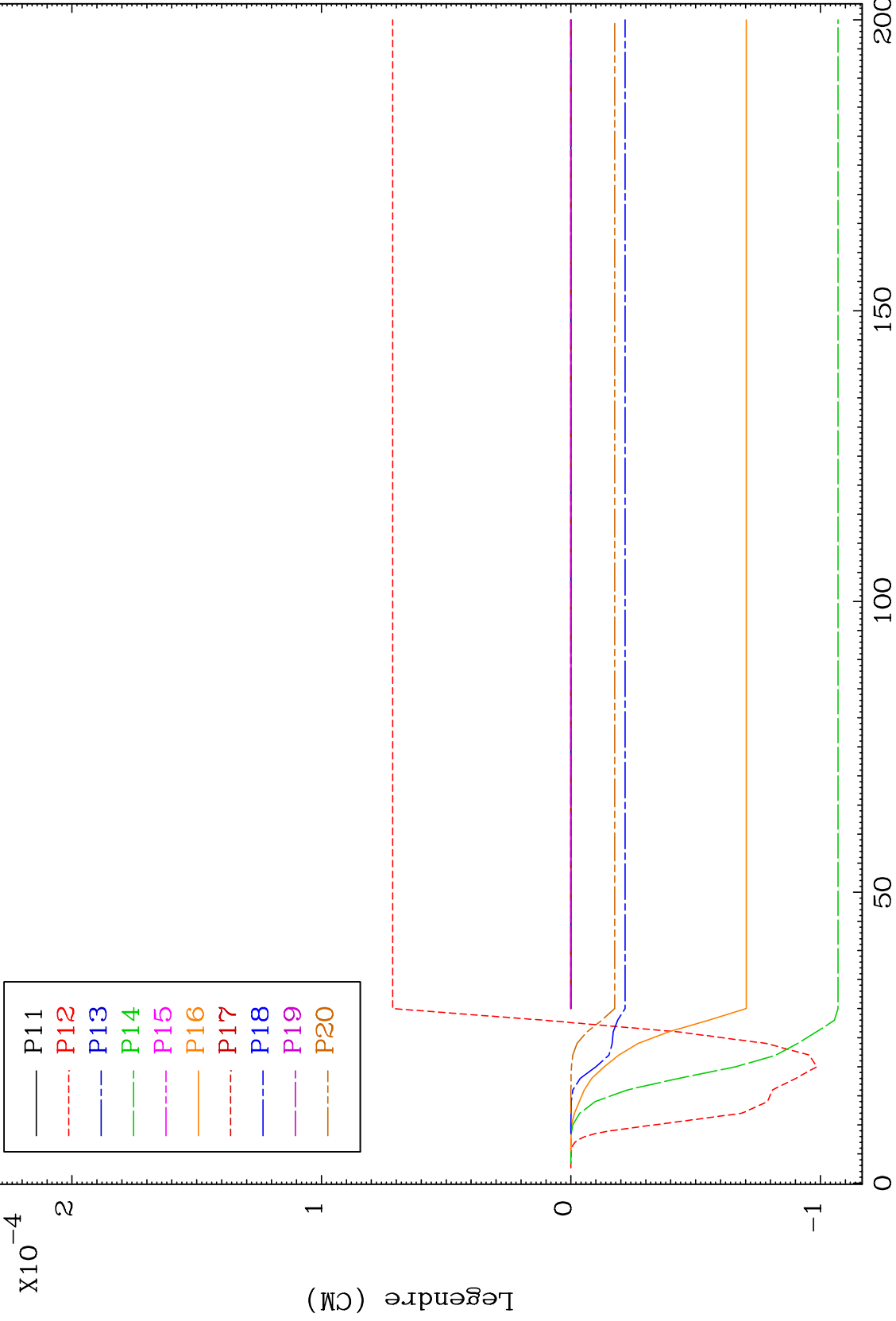
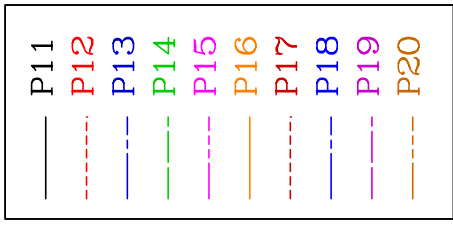
Incident Energy (MeV)

71-Lu-177

MAT 7131

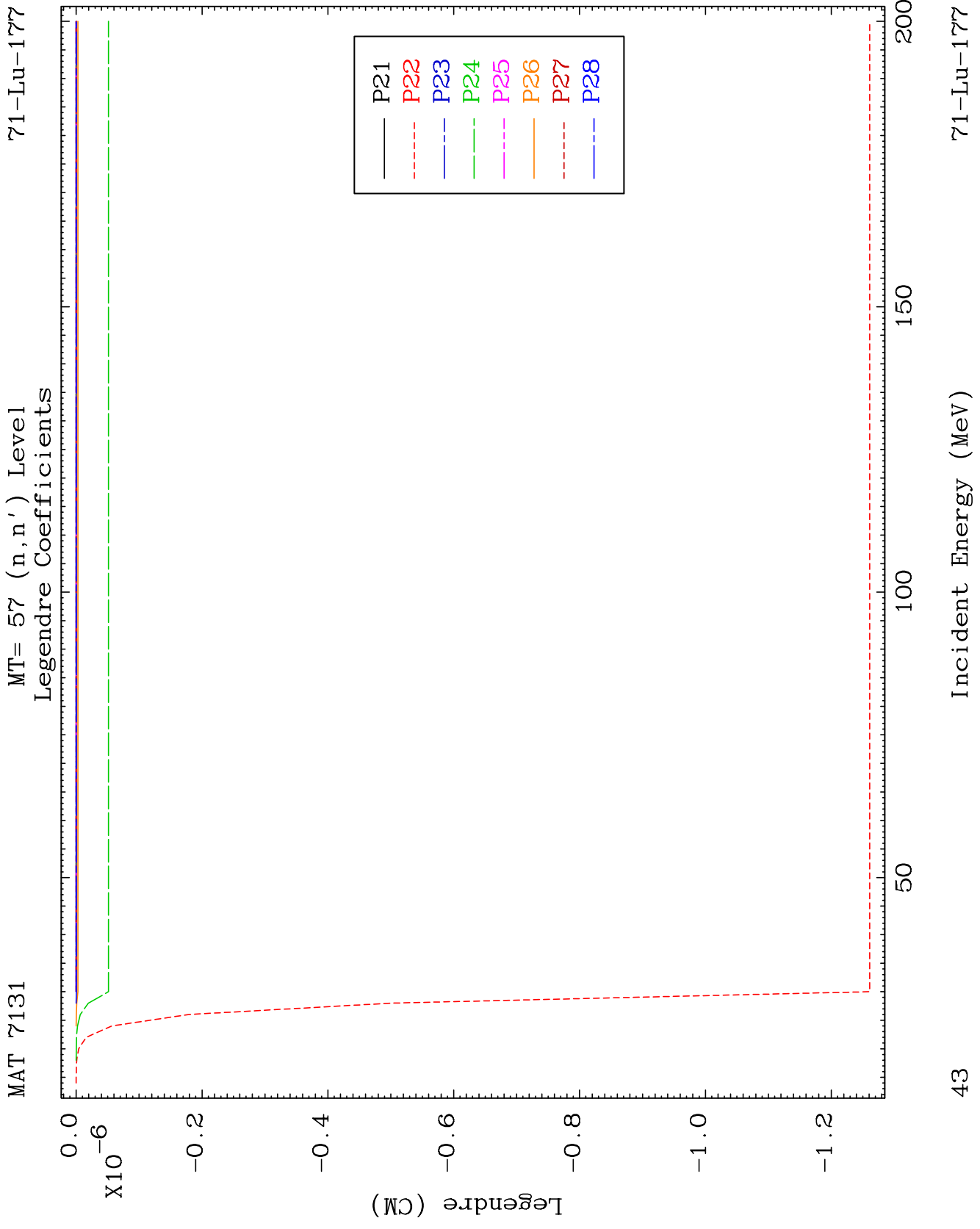
MT= 57 (n,n') Level  
Legendre Coefficients

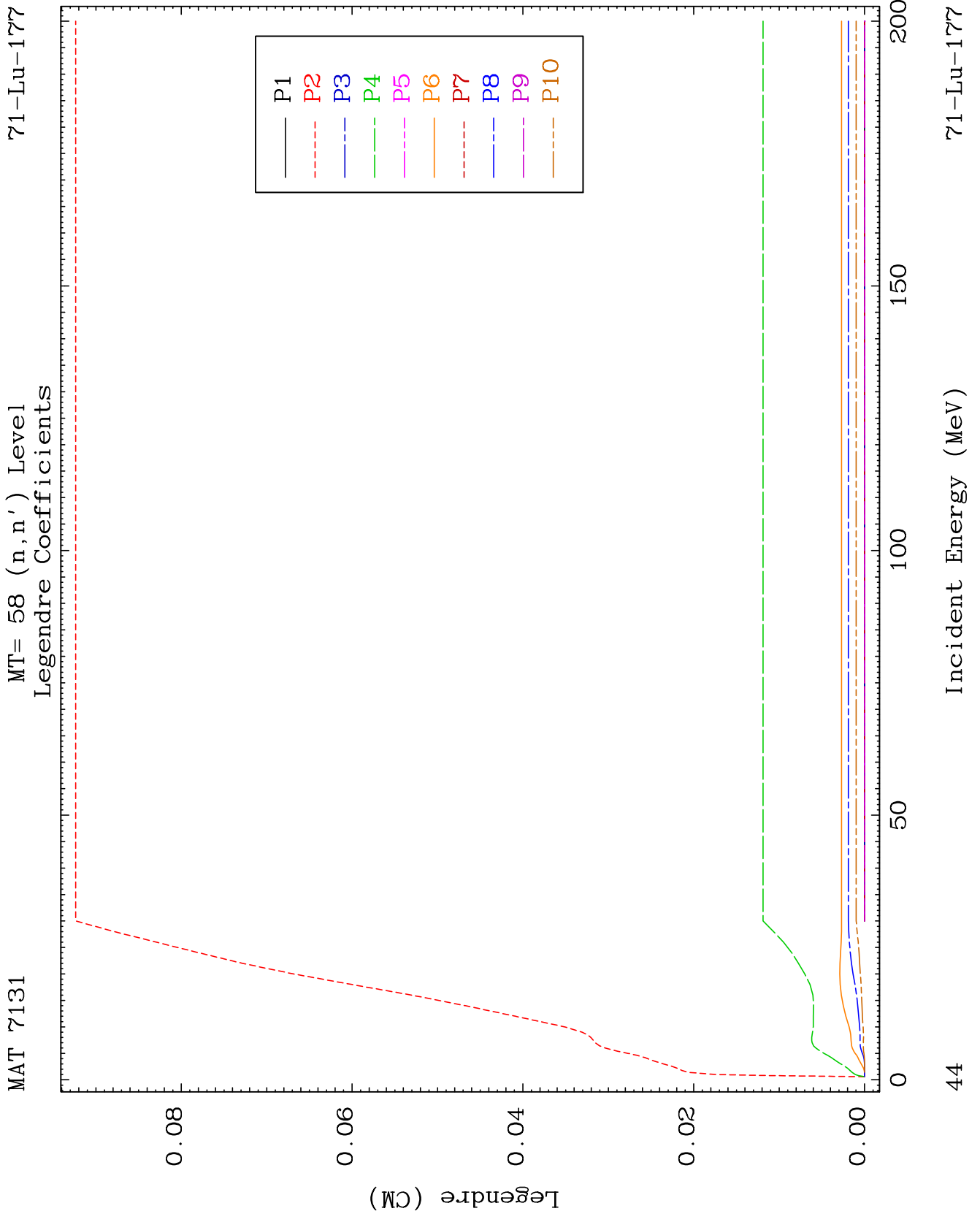
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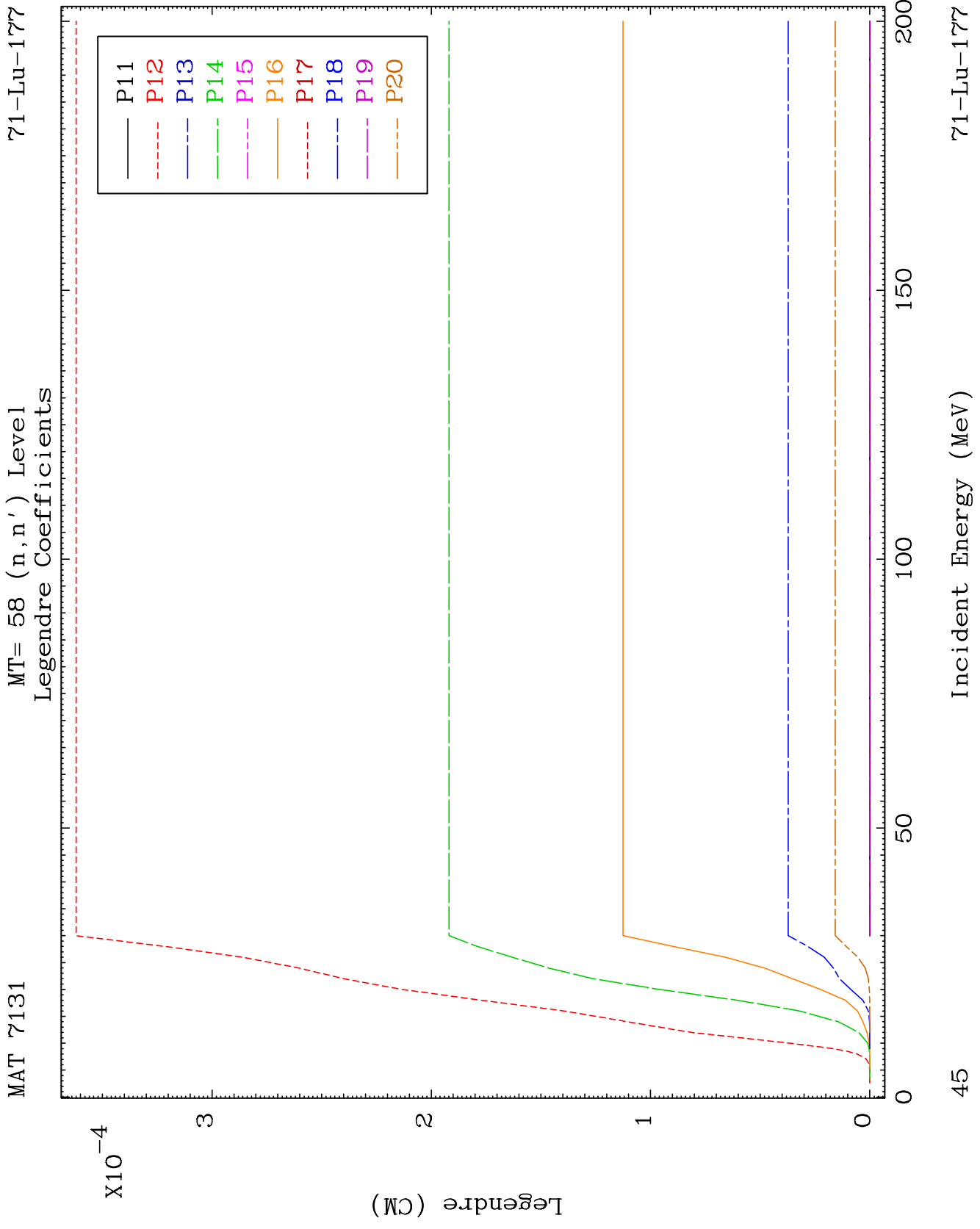


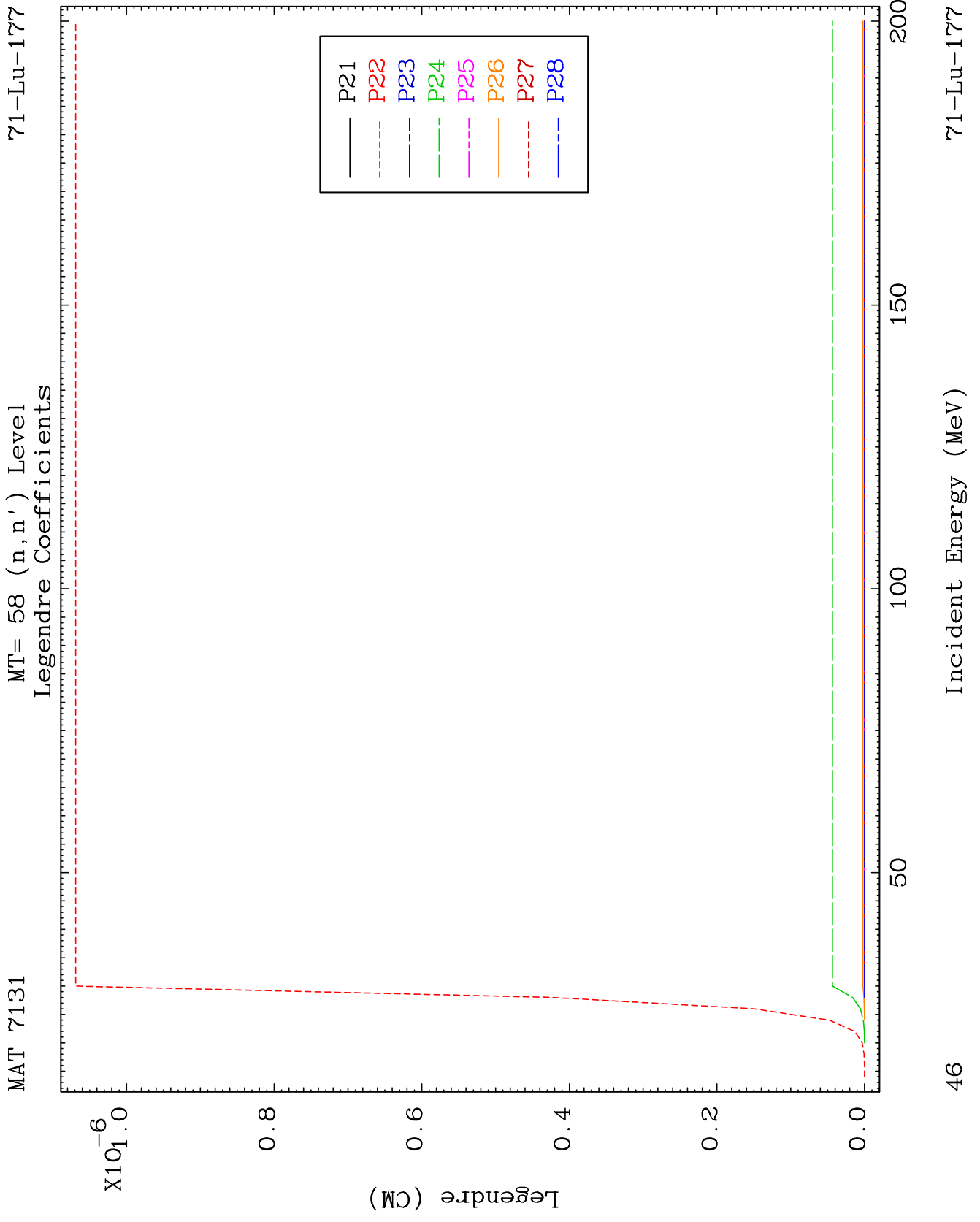
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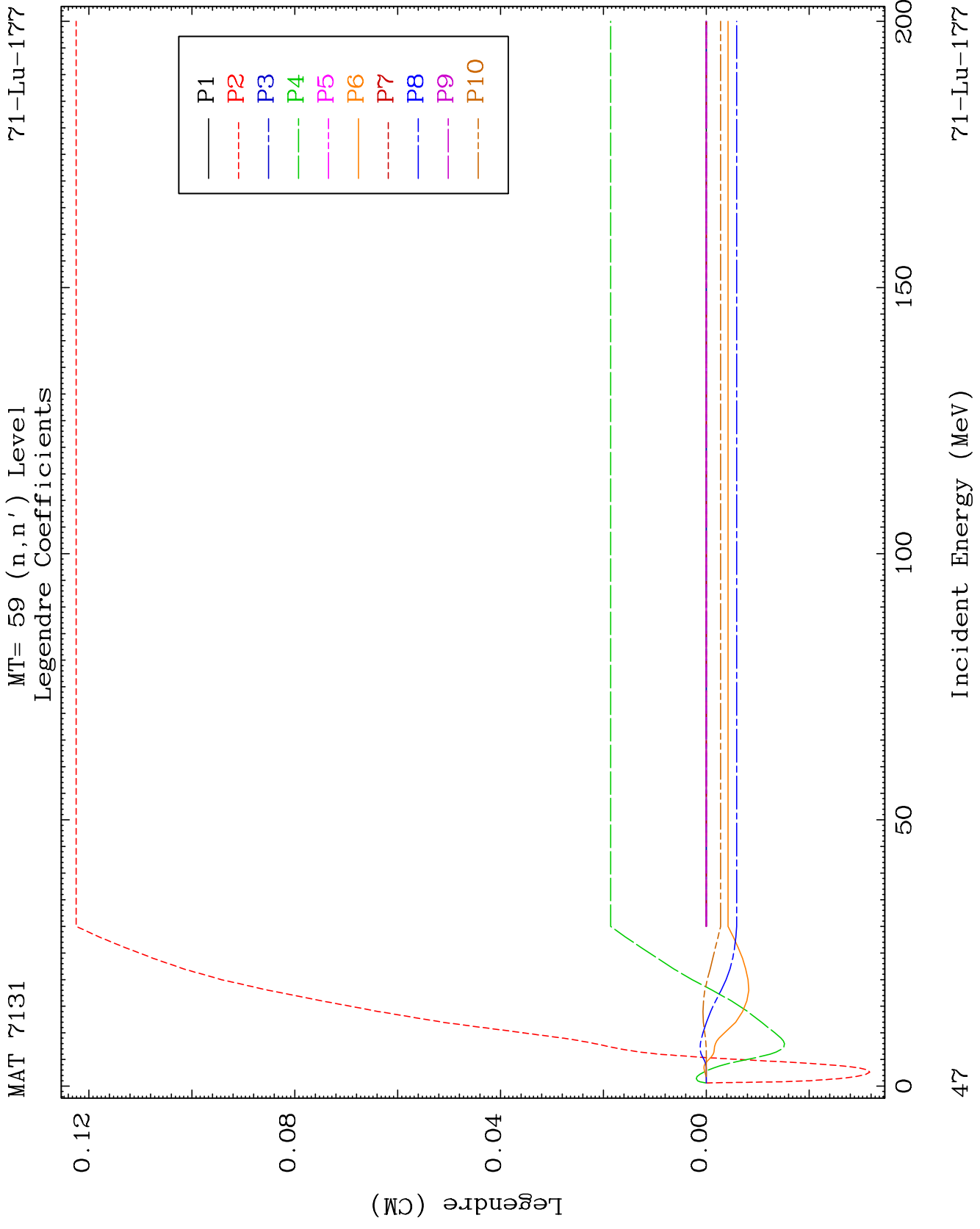
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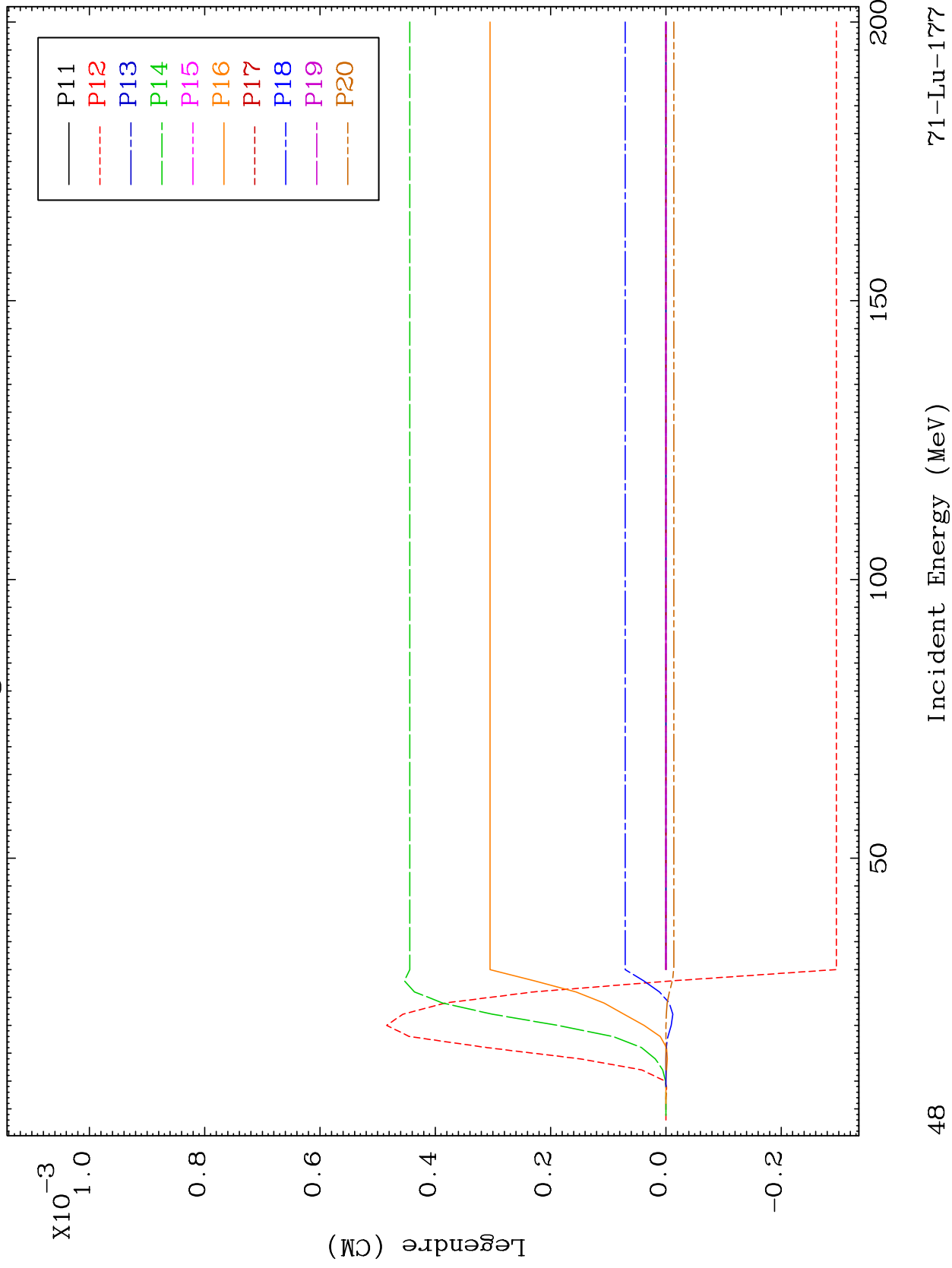




MAT 7131

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

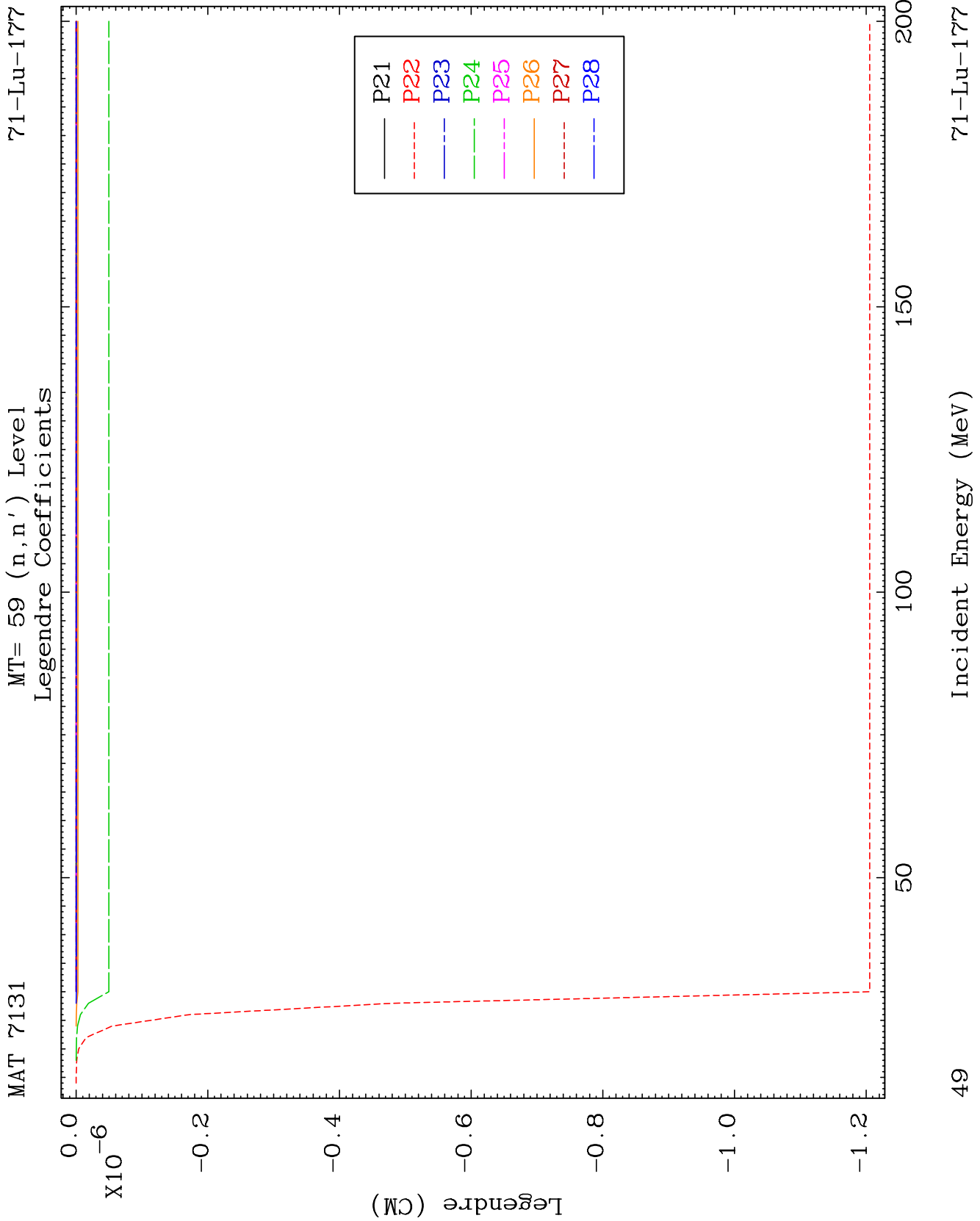
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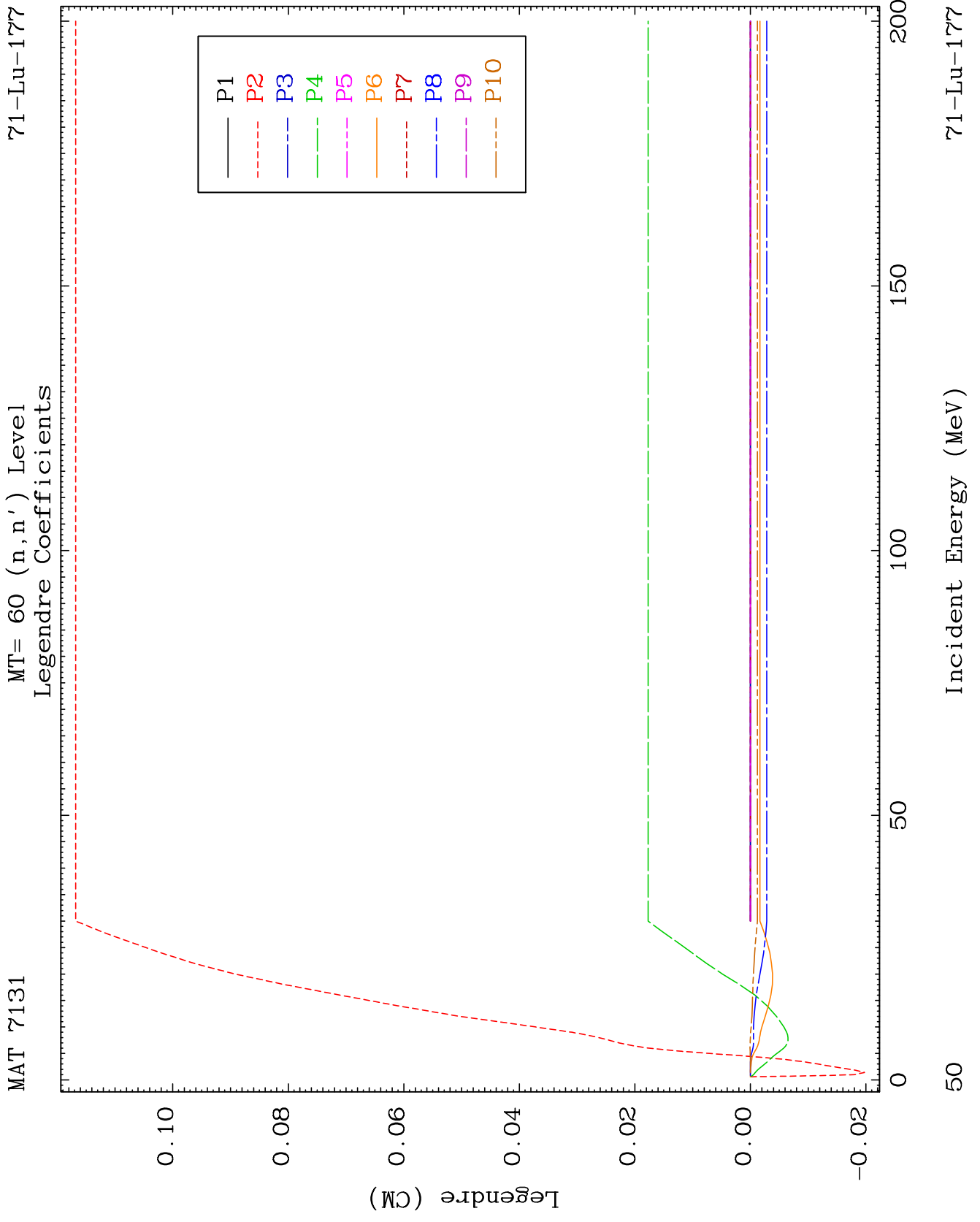


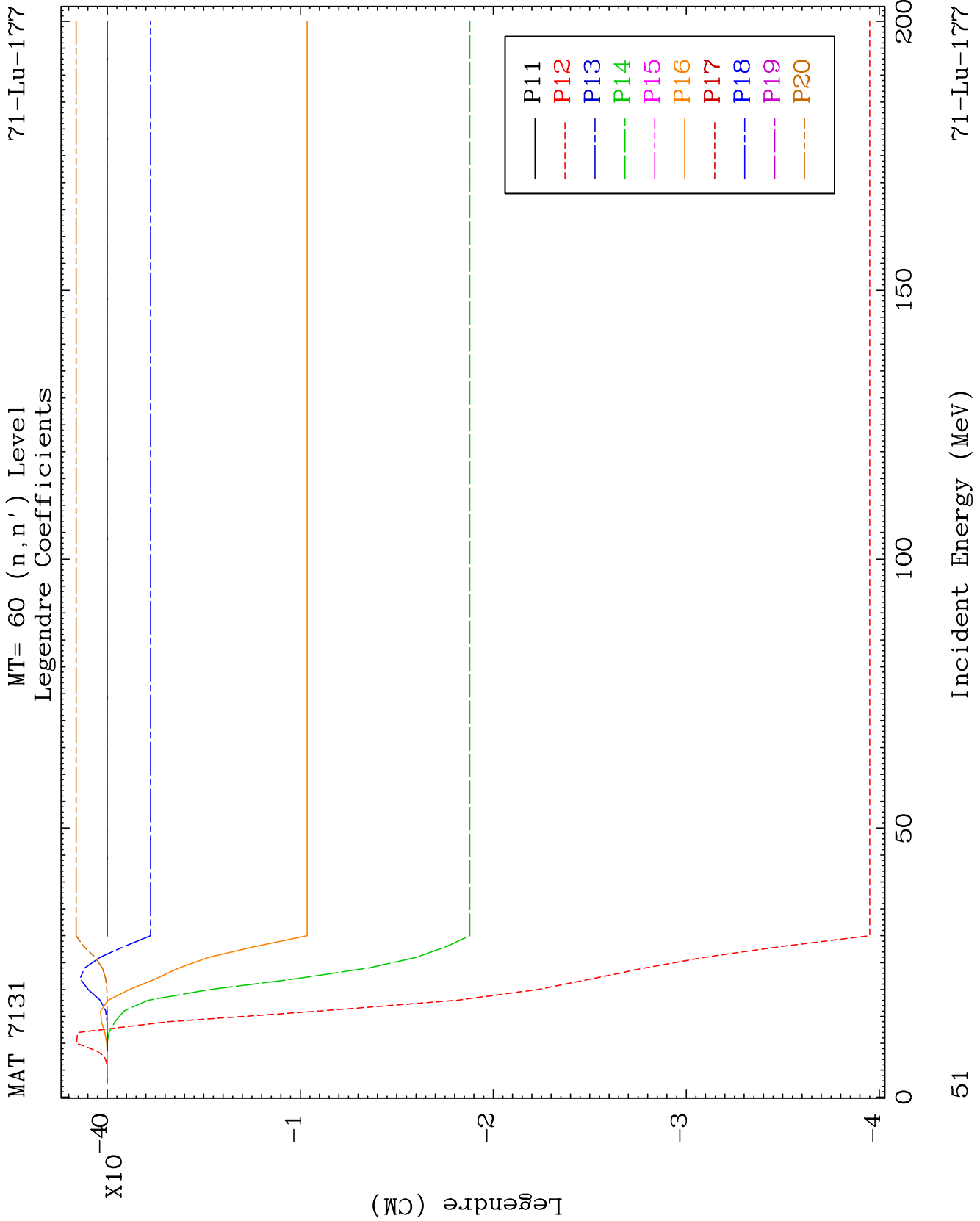
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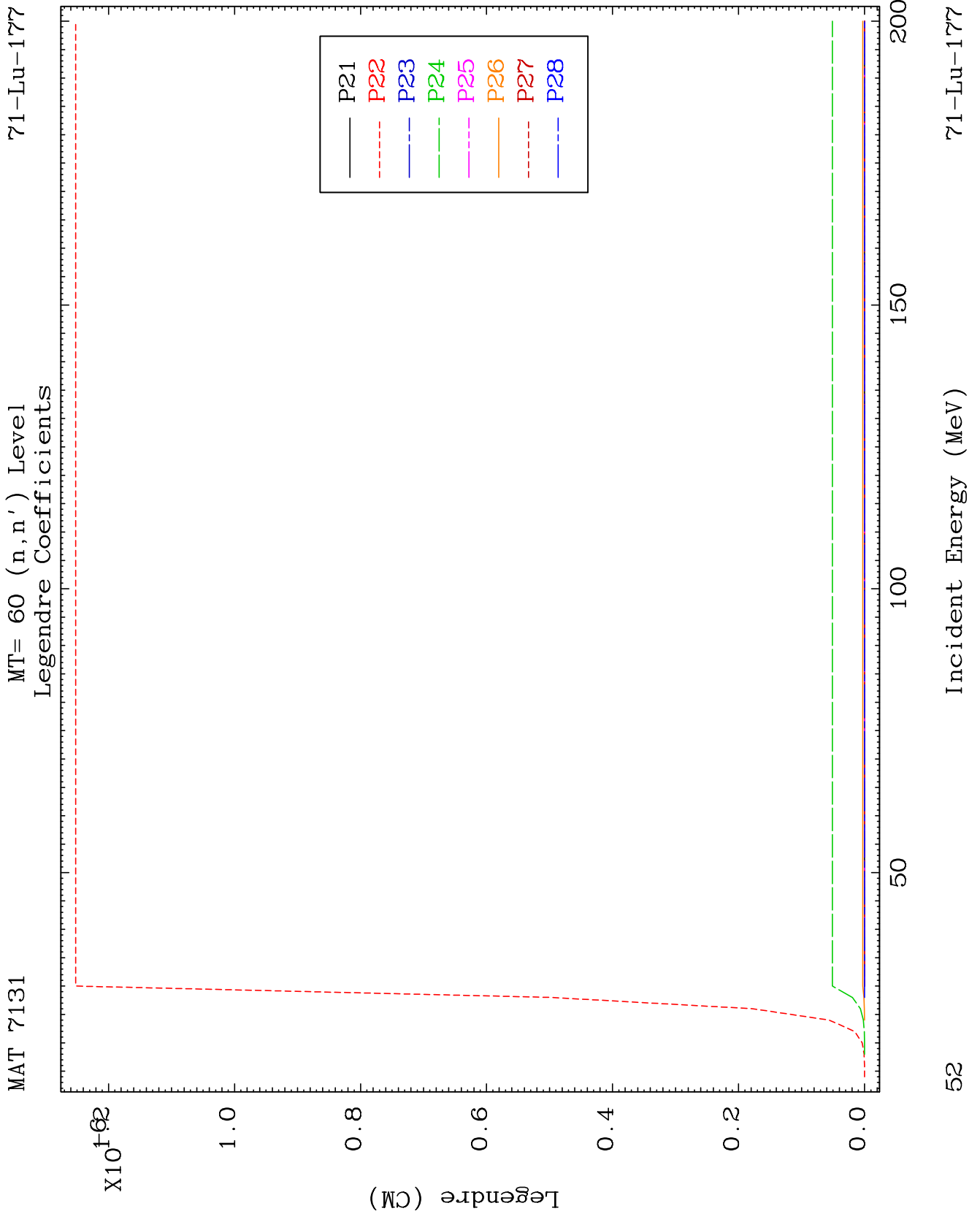
Incident Energy (MeV)

71-Lu-177





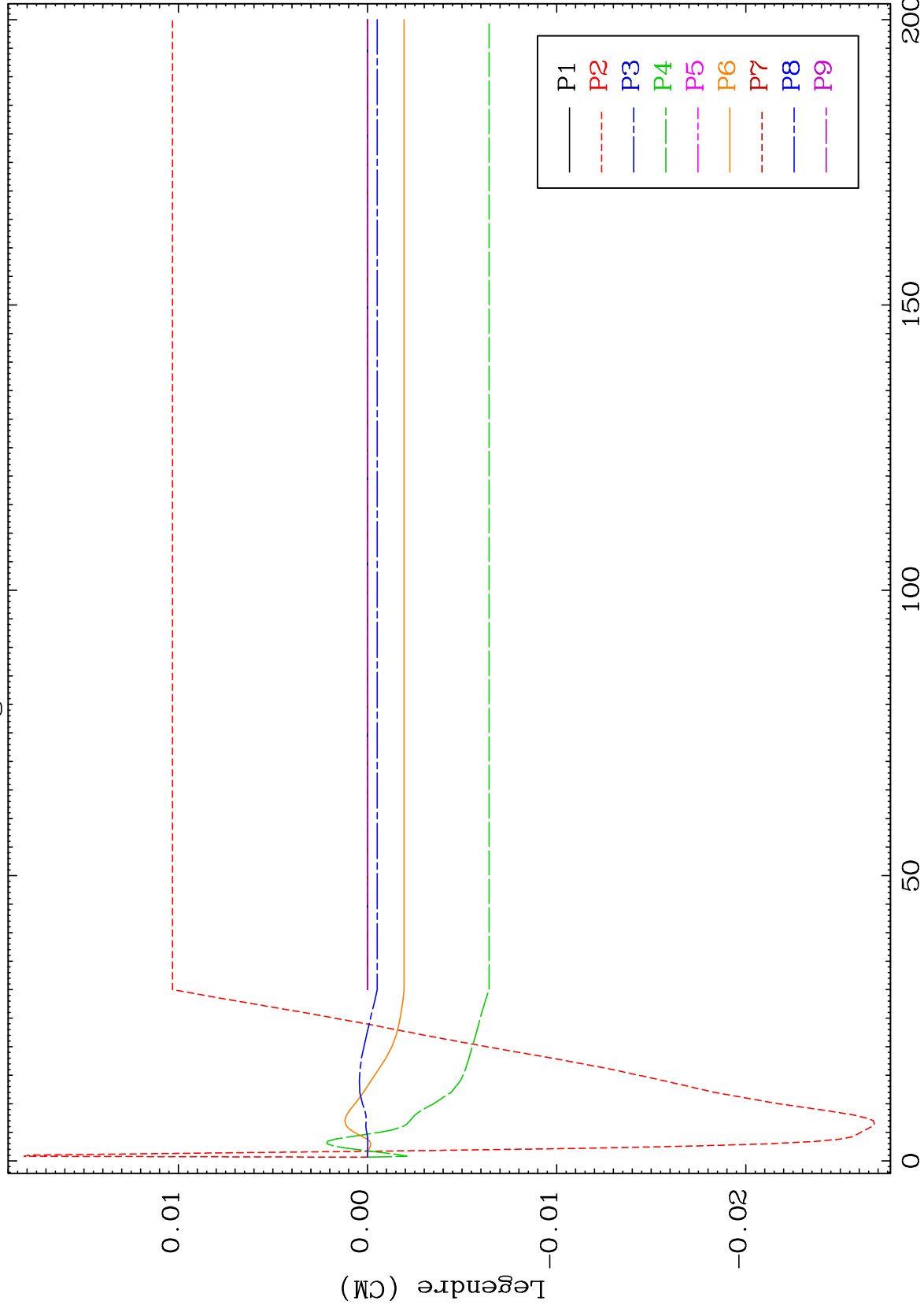




MAT 7131

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

71-Lu-177



53

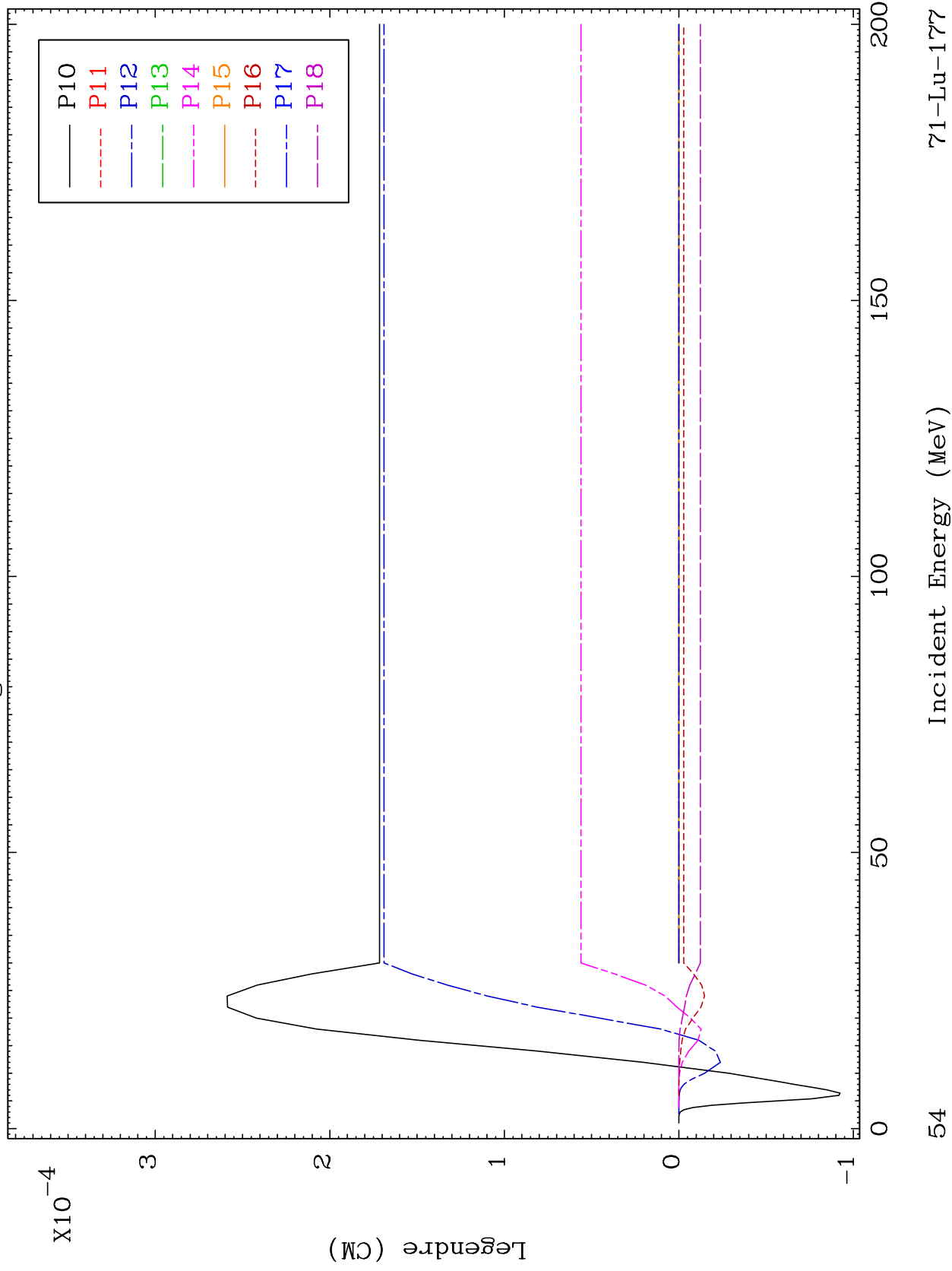
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

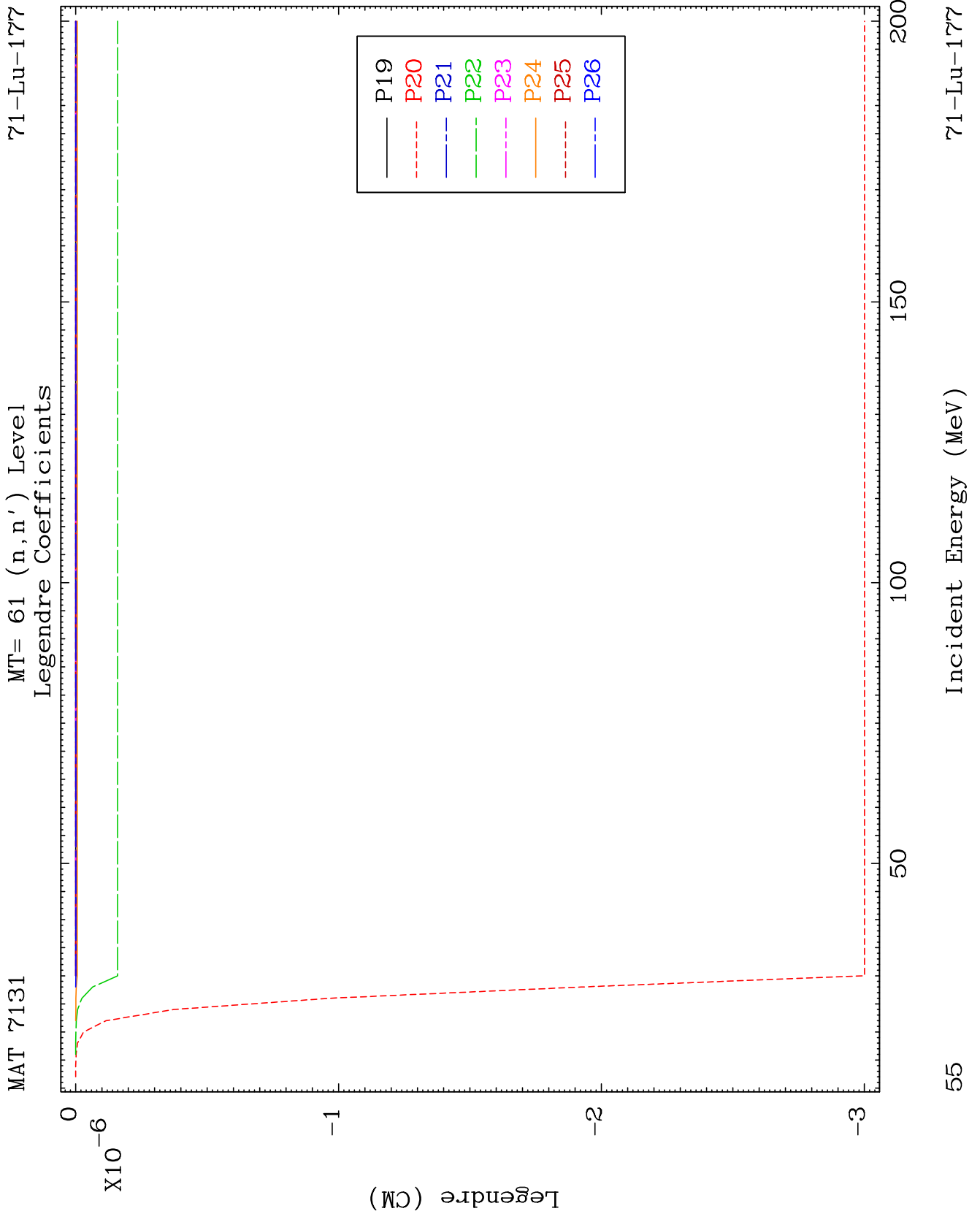
71-Lu-177



71-Lu-177

Incident Energy (MeV)

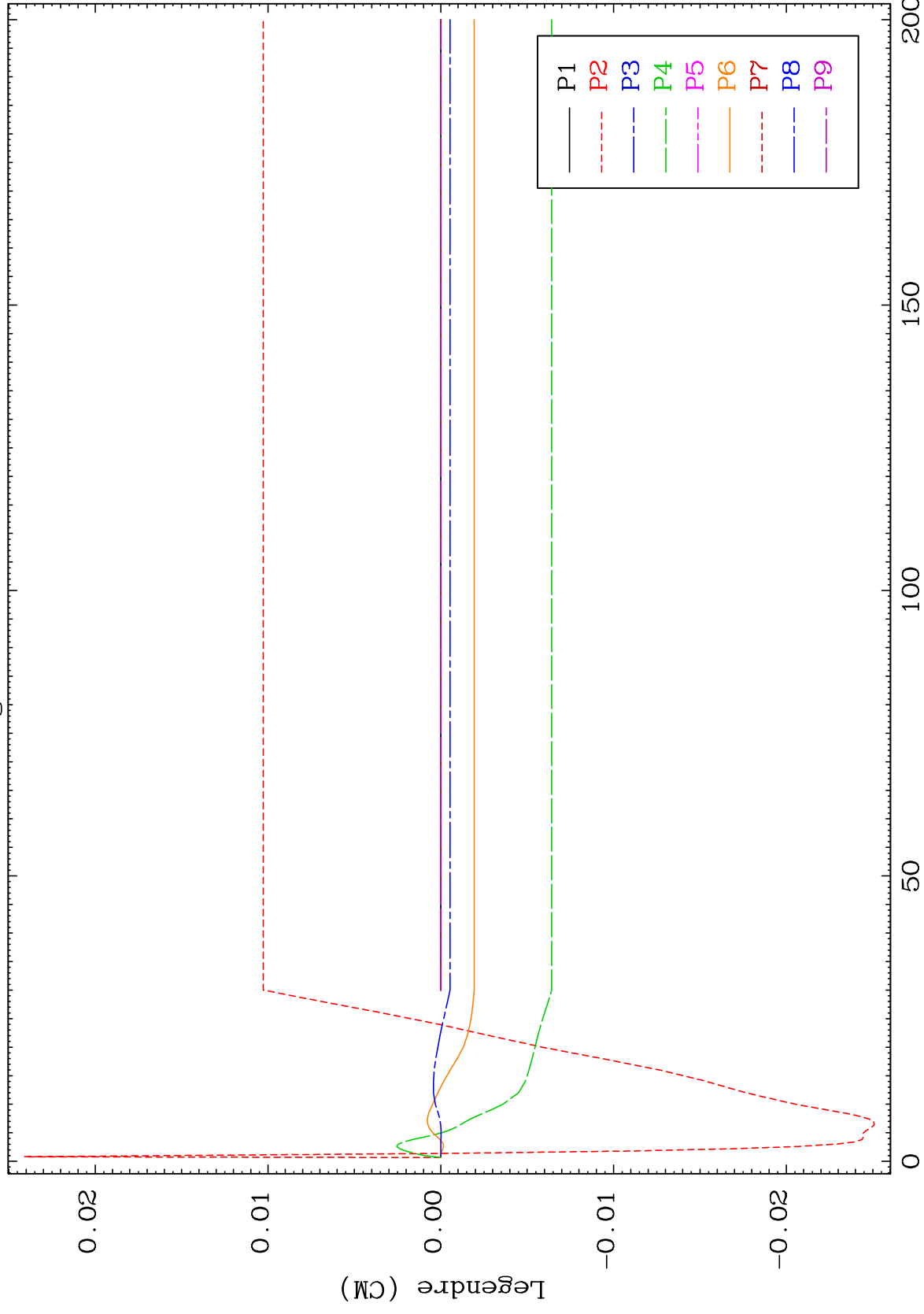
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MAT 7131

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

71-Lu-177



56

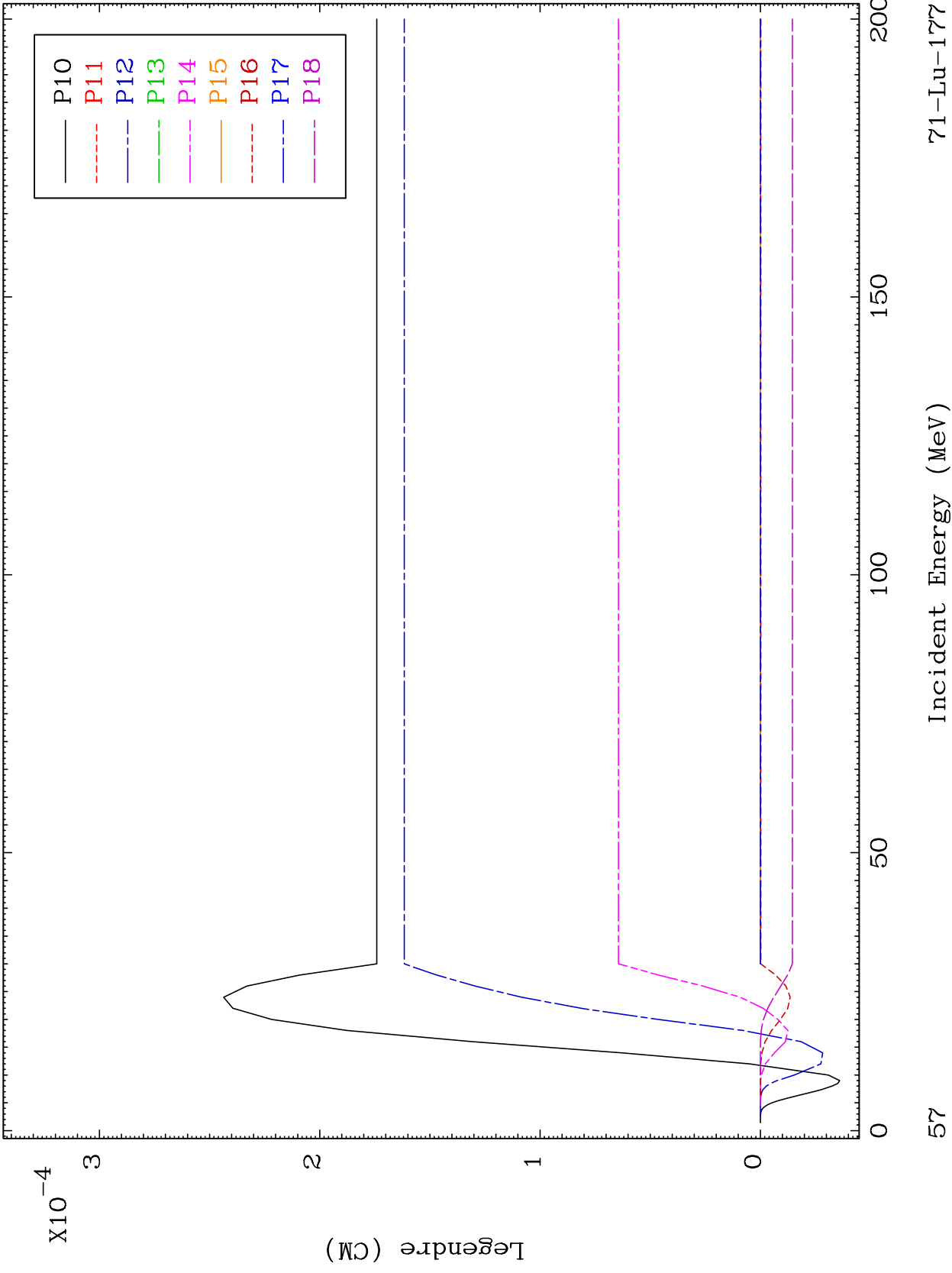
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

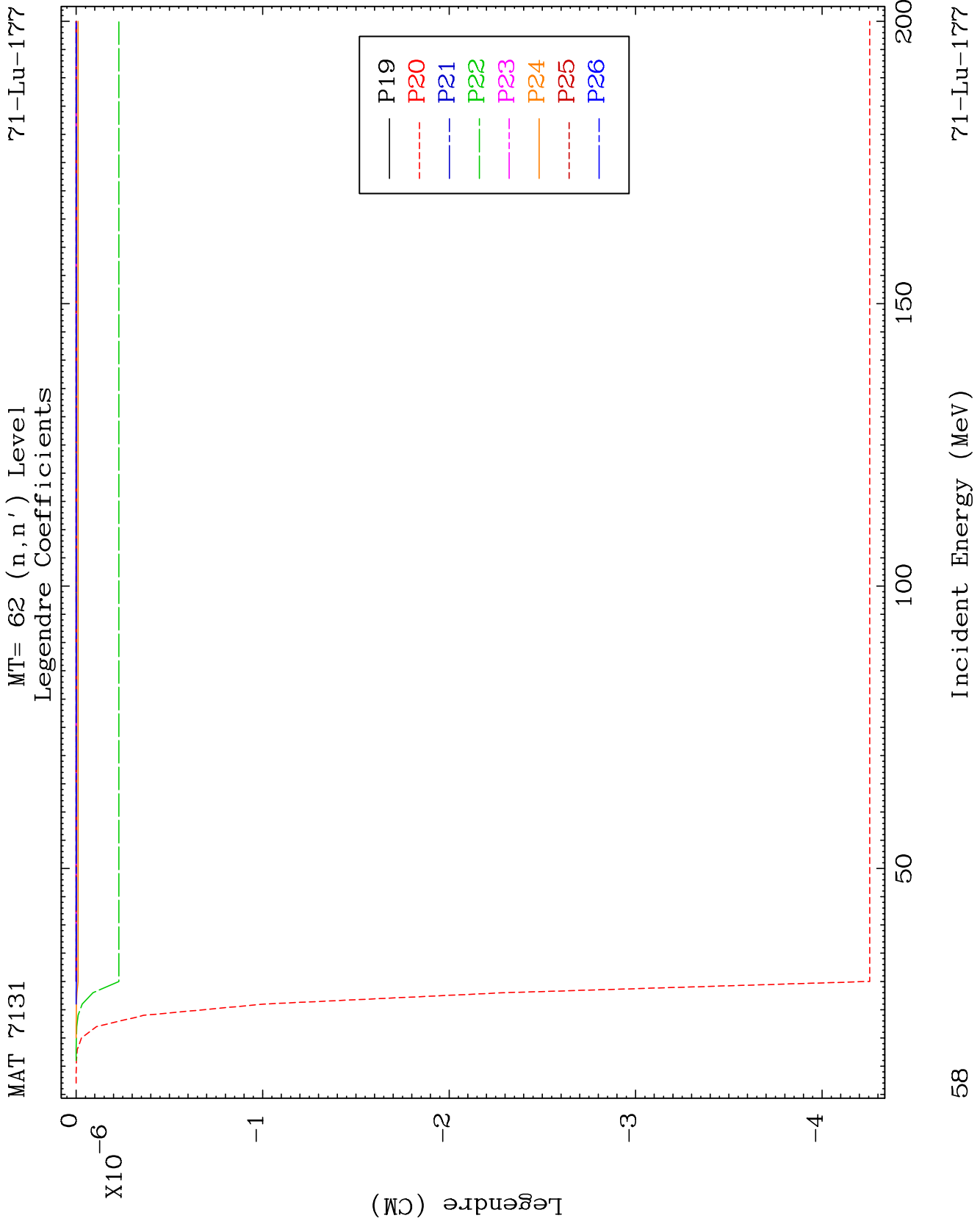
71-Lu-177



57

Incident Energy (MeV)

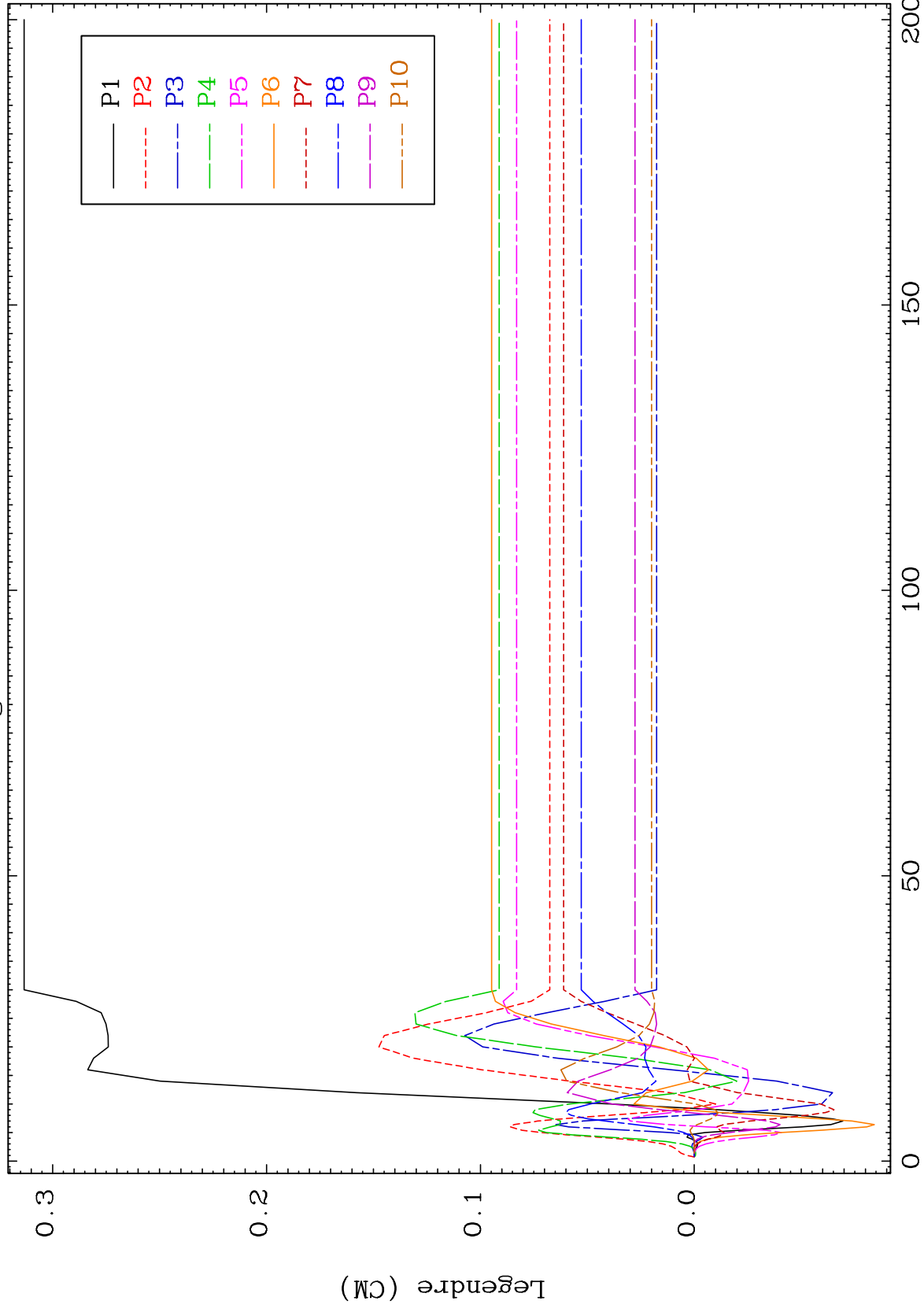
71-Lu-177



MAT 7131

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

71-Lu-177



59

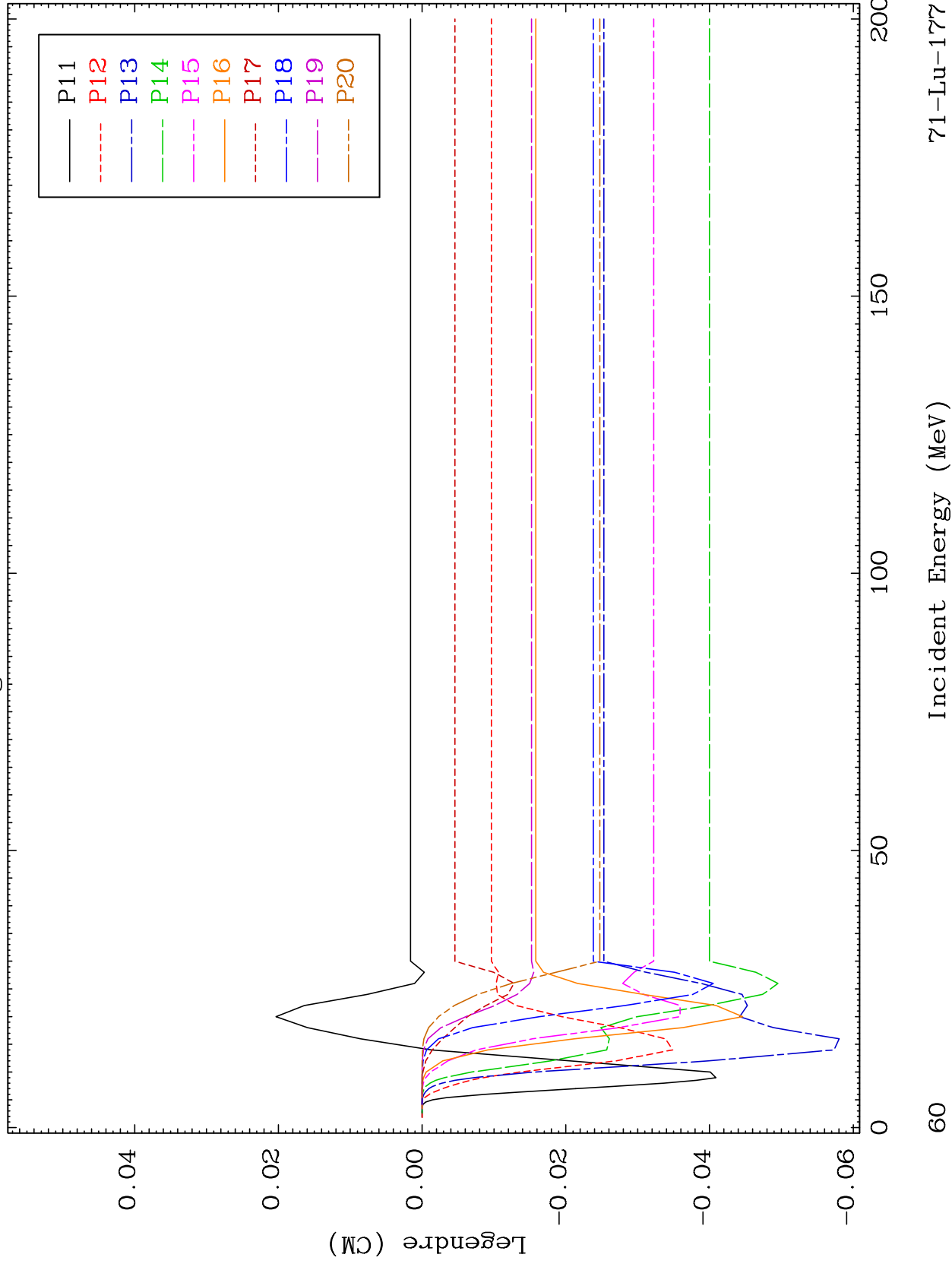
Incident Energy (MeV)

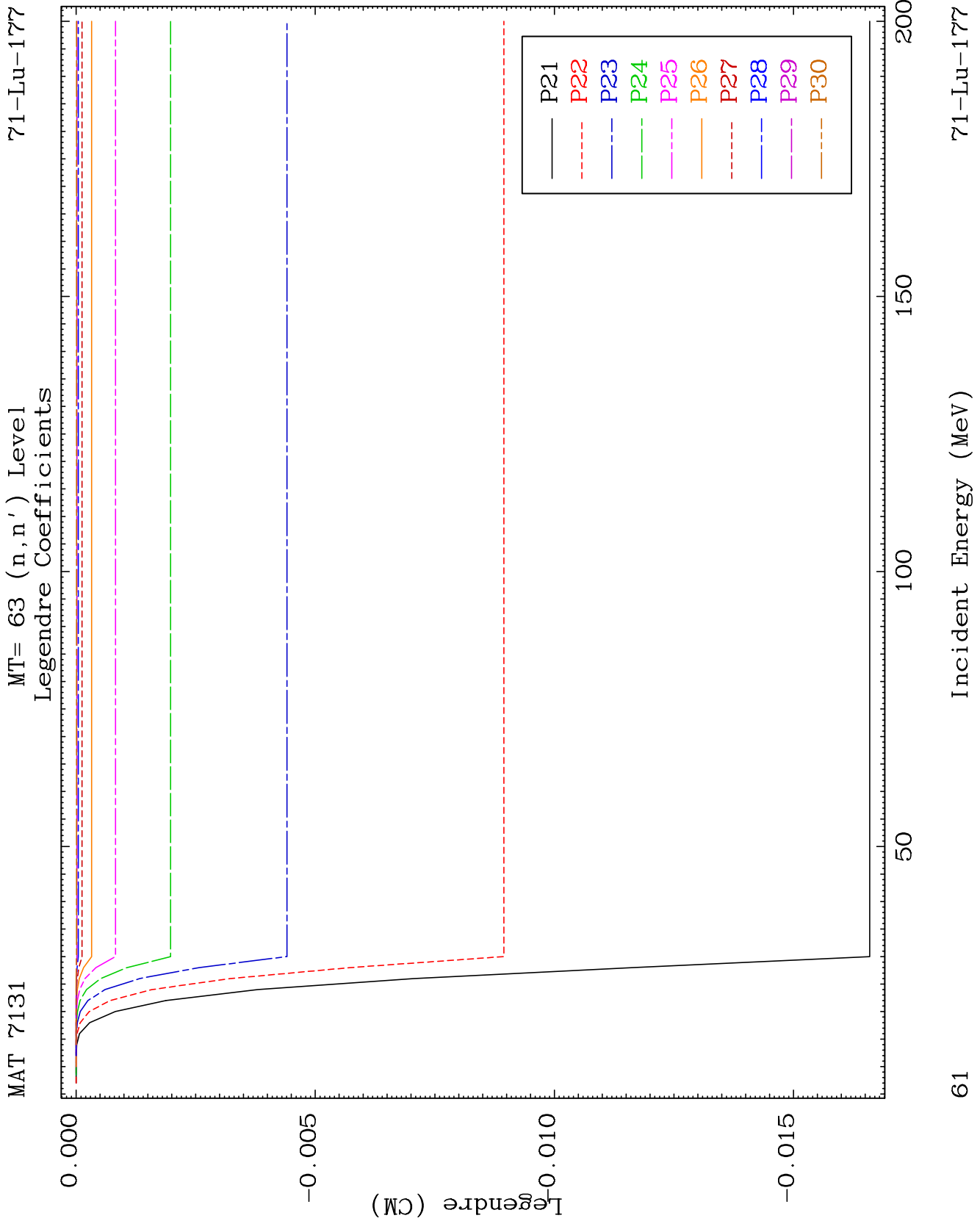
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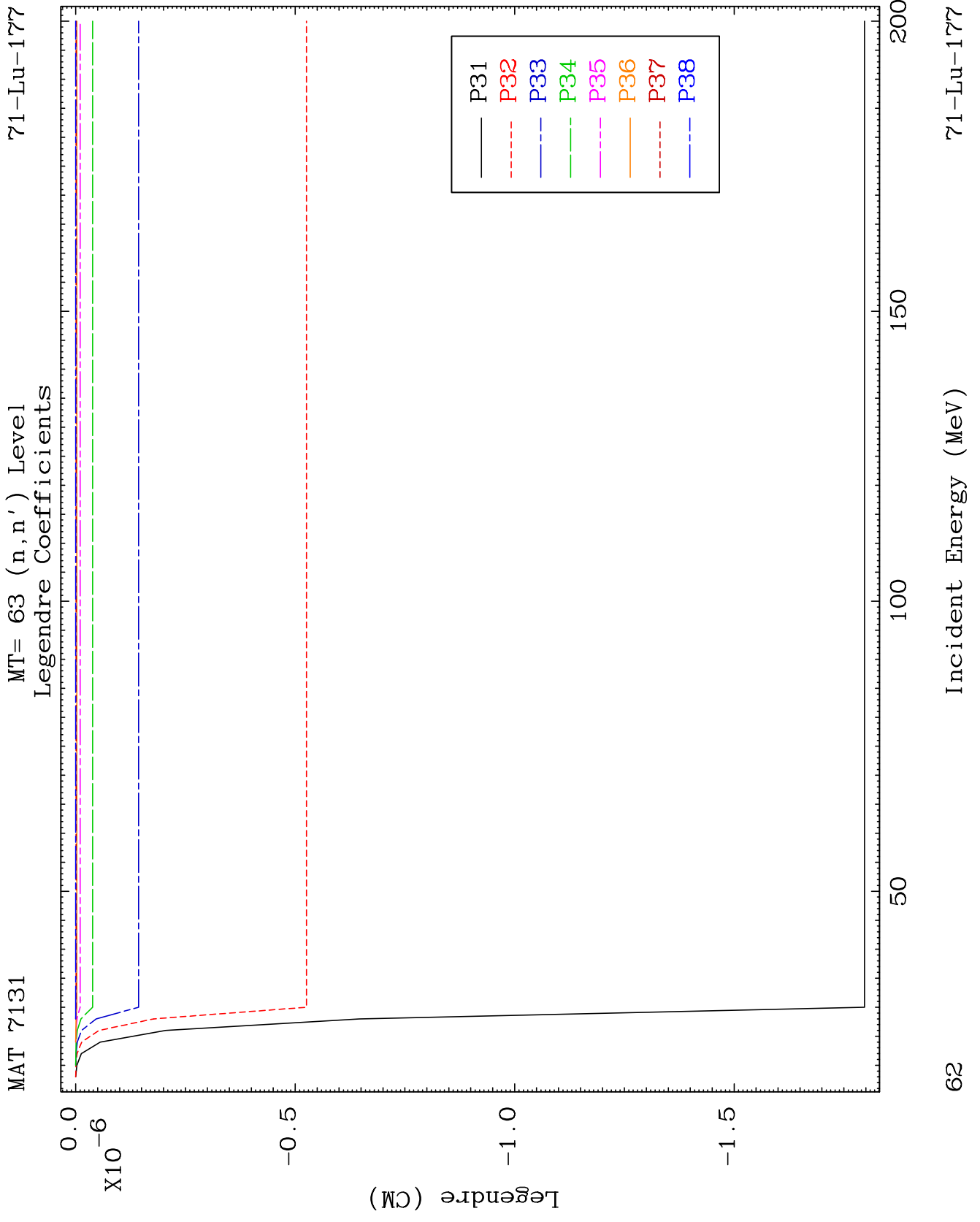
MAT 7131

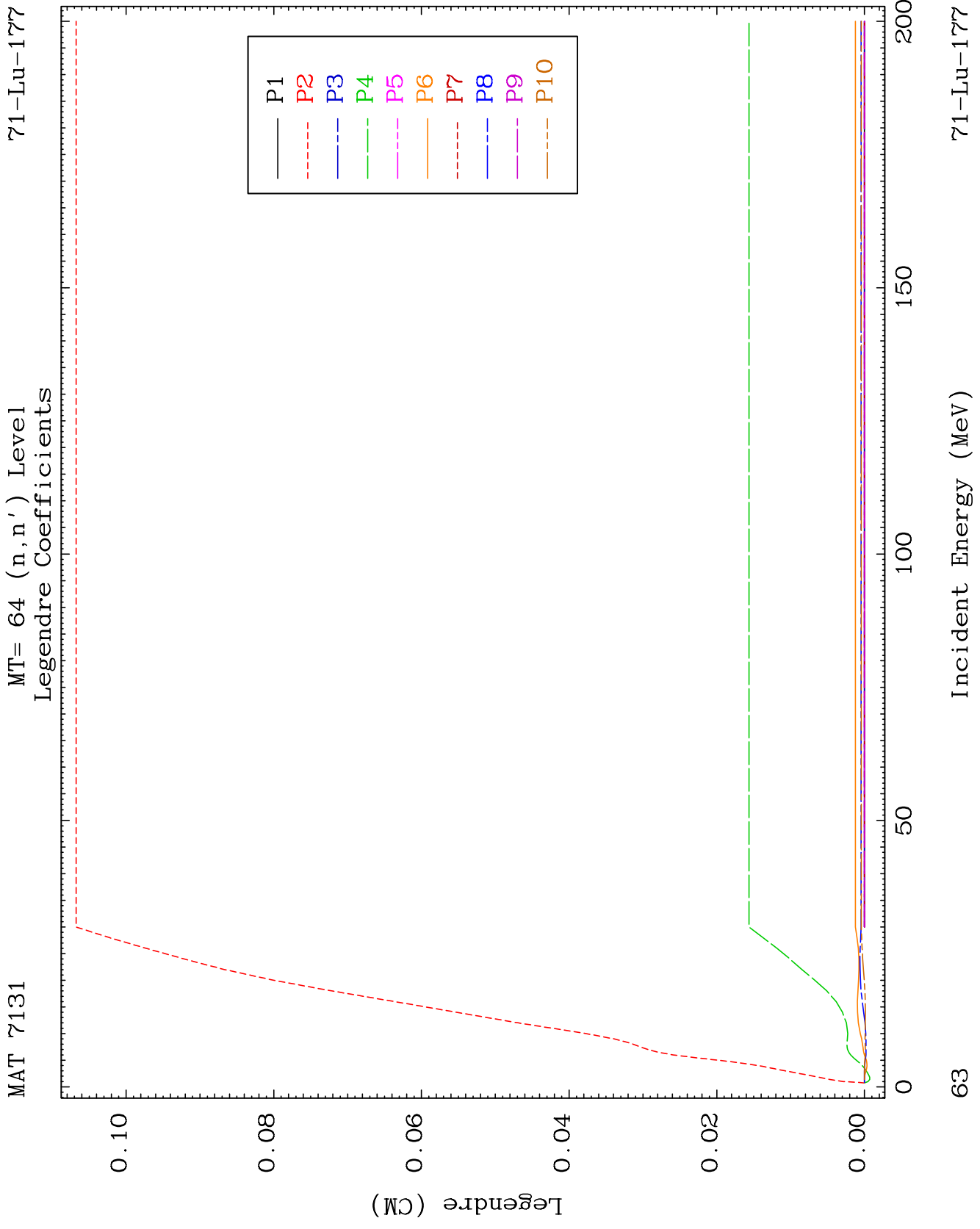
MT= 63 (n,n') Level  
Legendre Coefficients

71-Lu-177





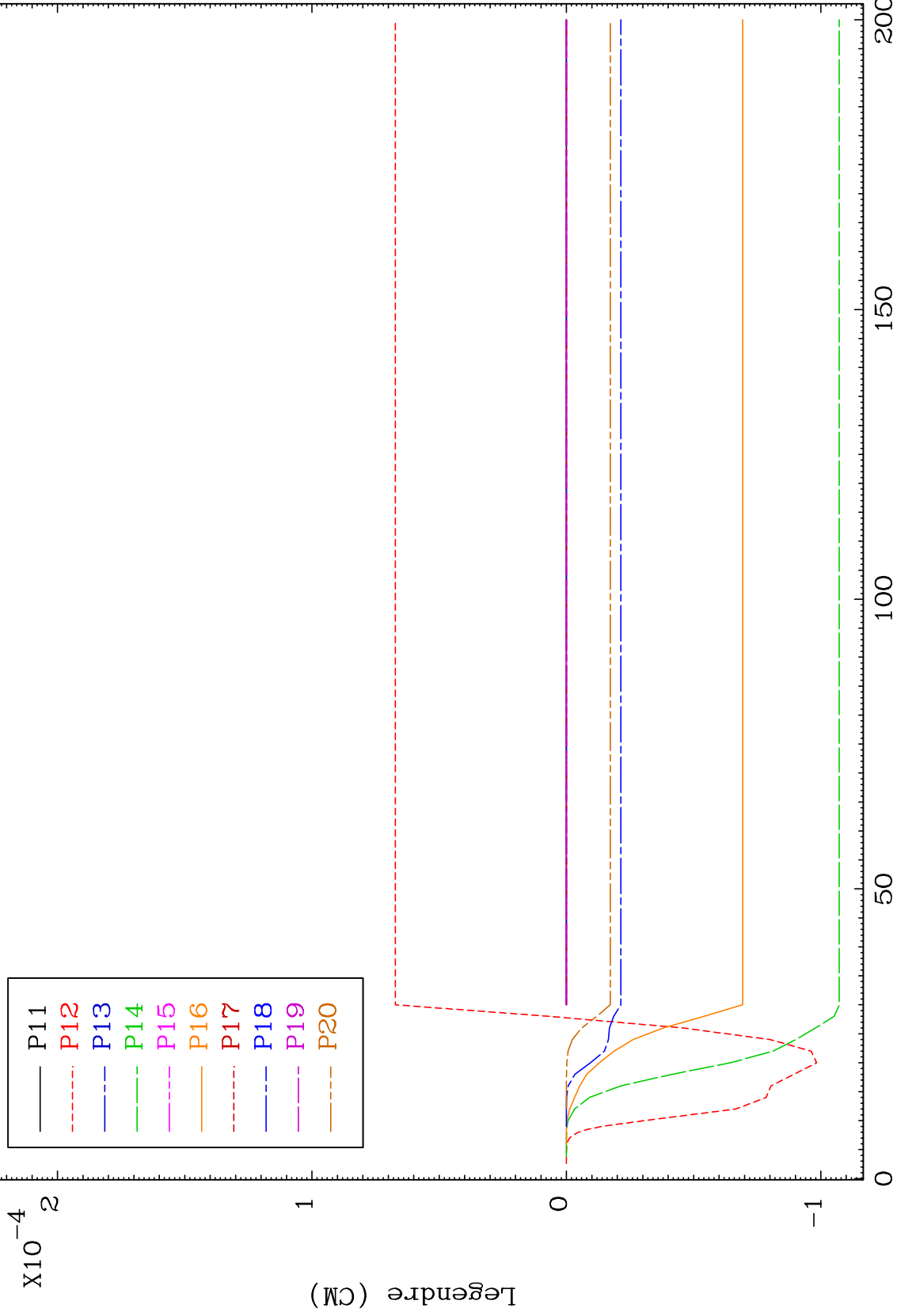
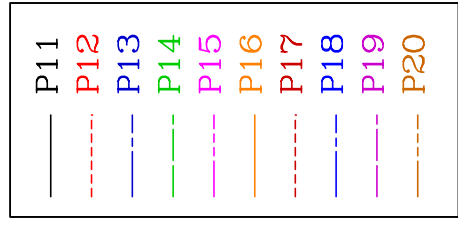




MAT 7131

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

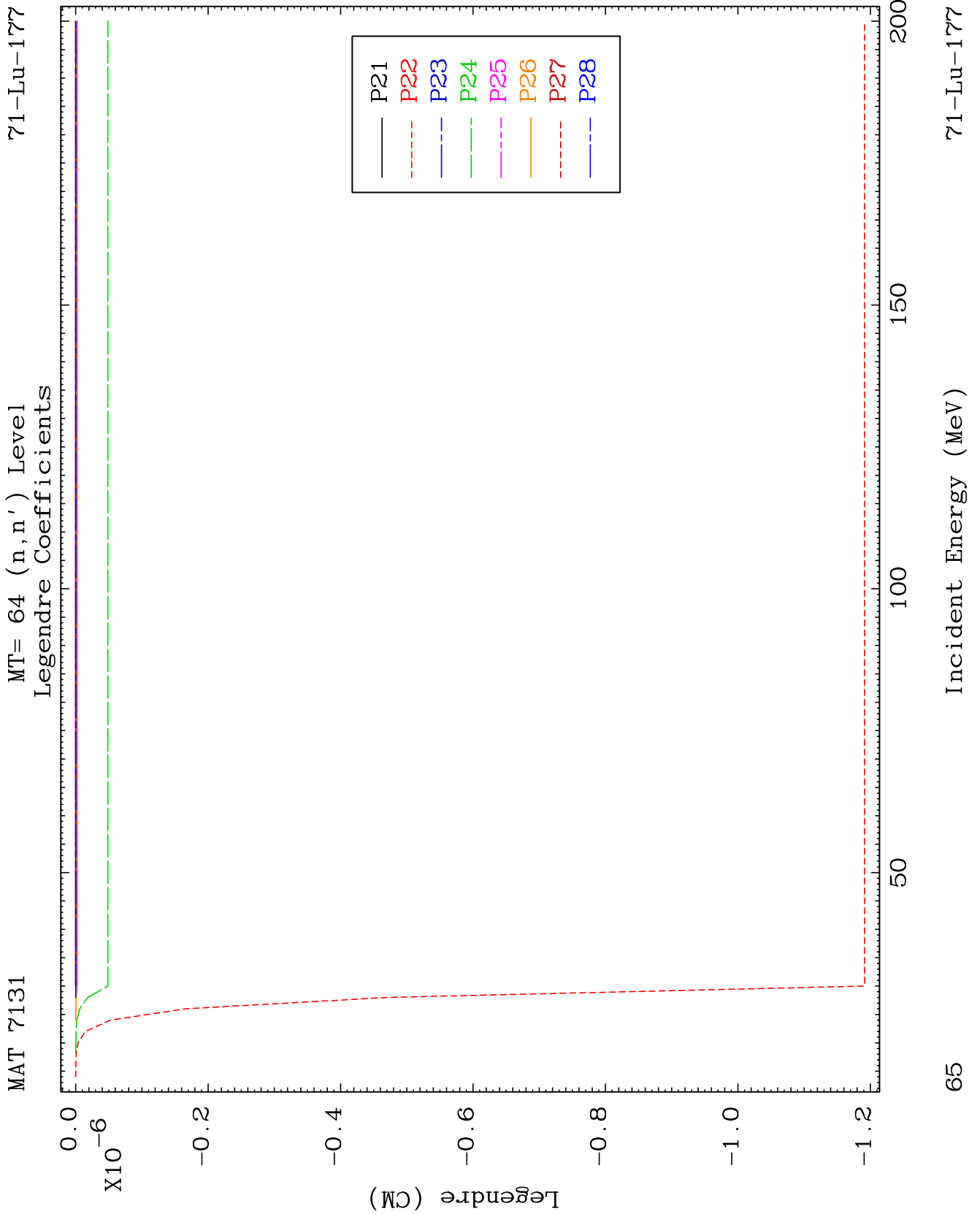
71-Lu-177

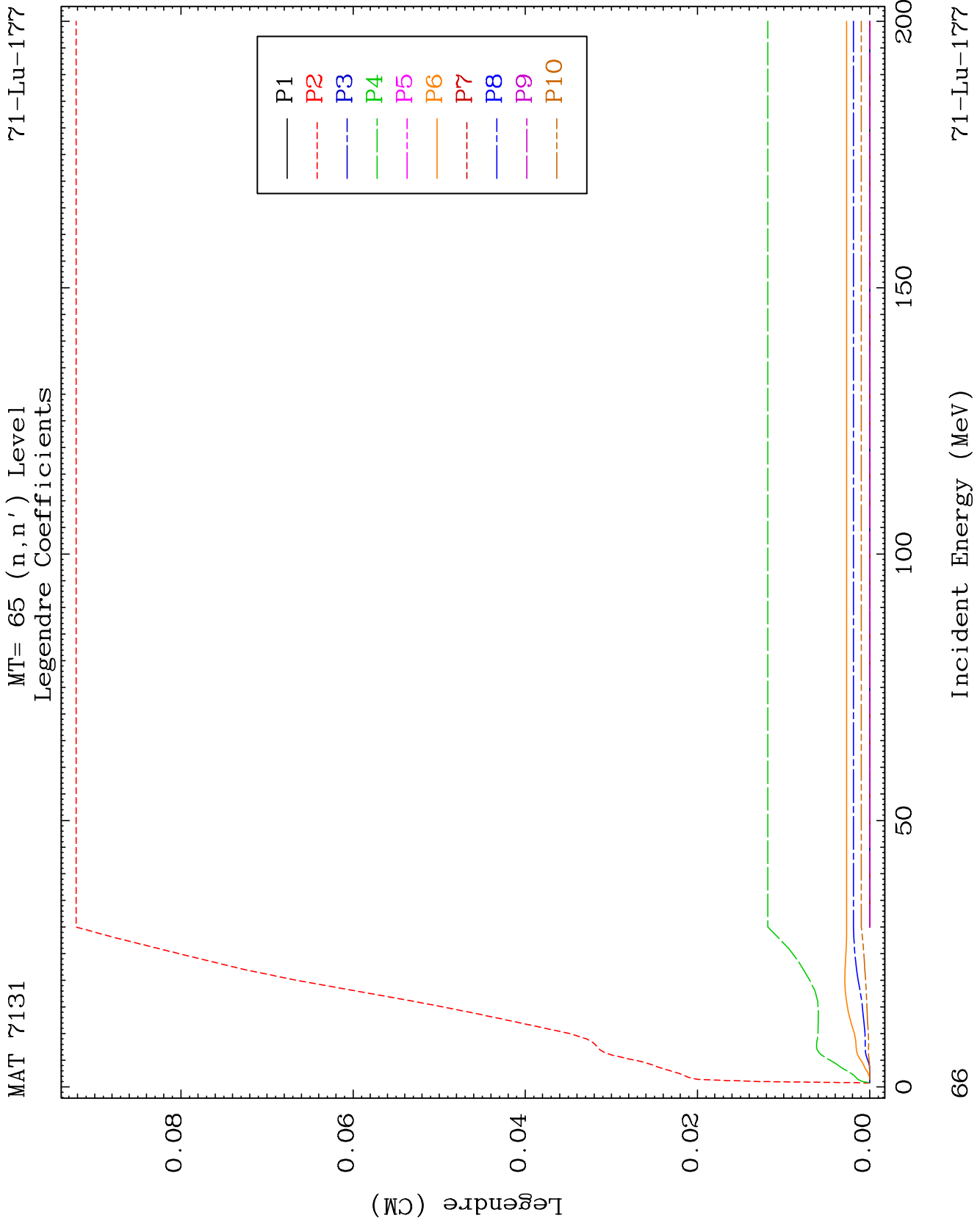


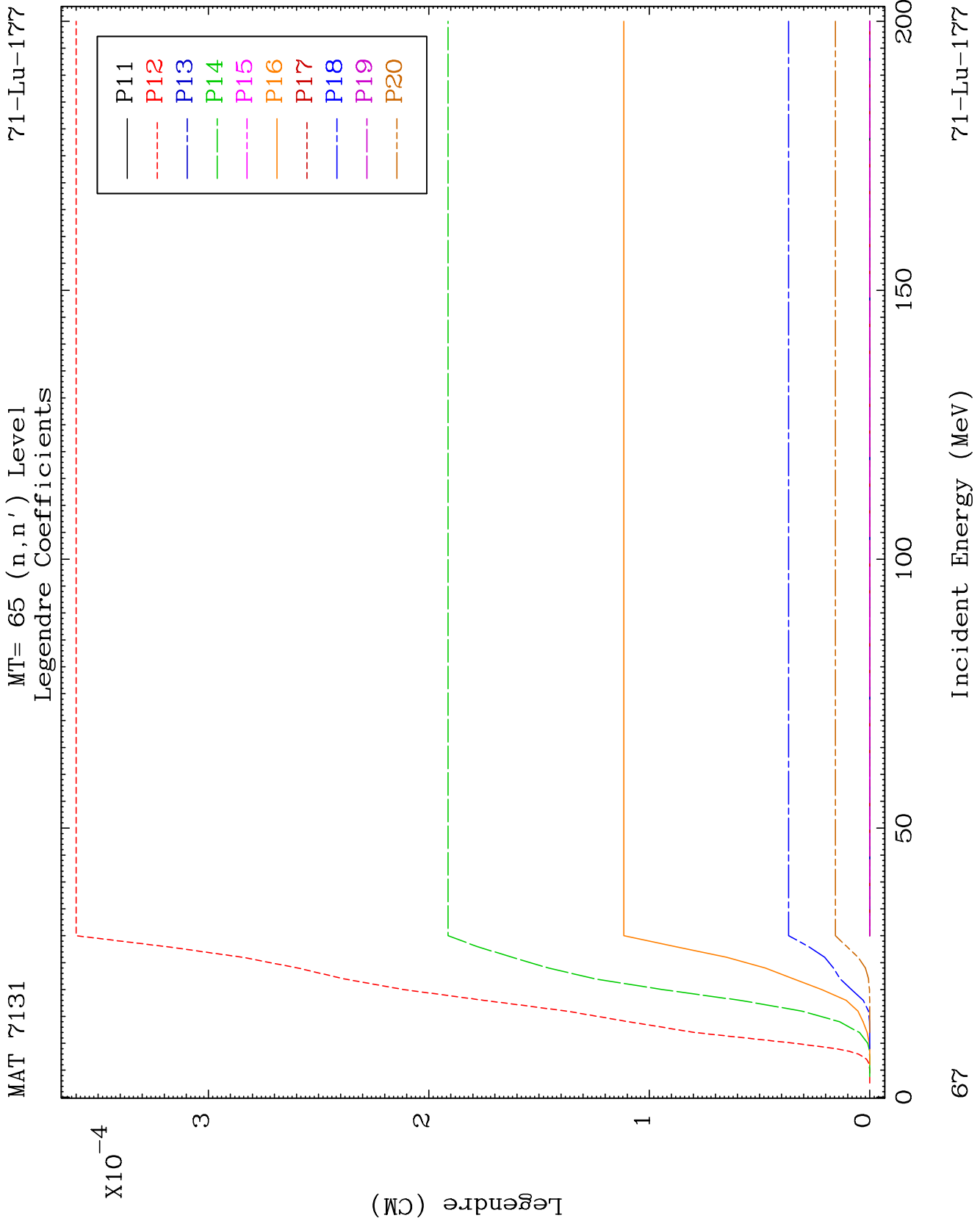
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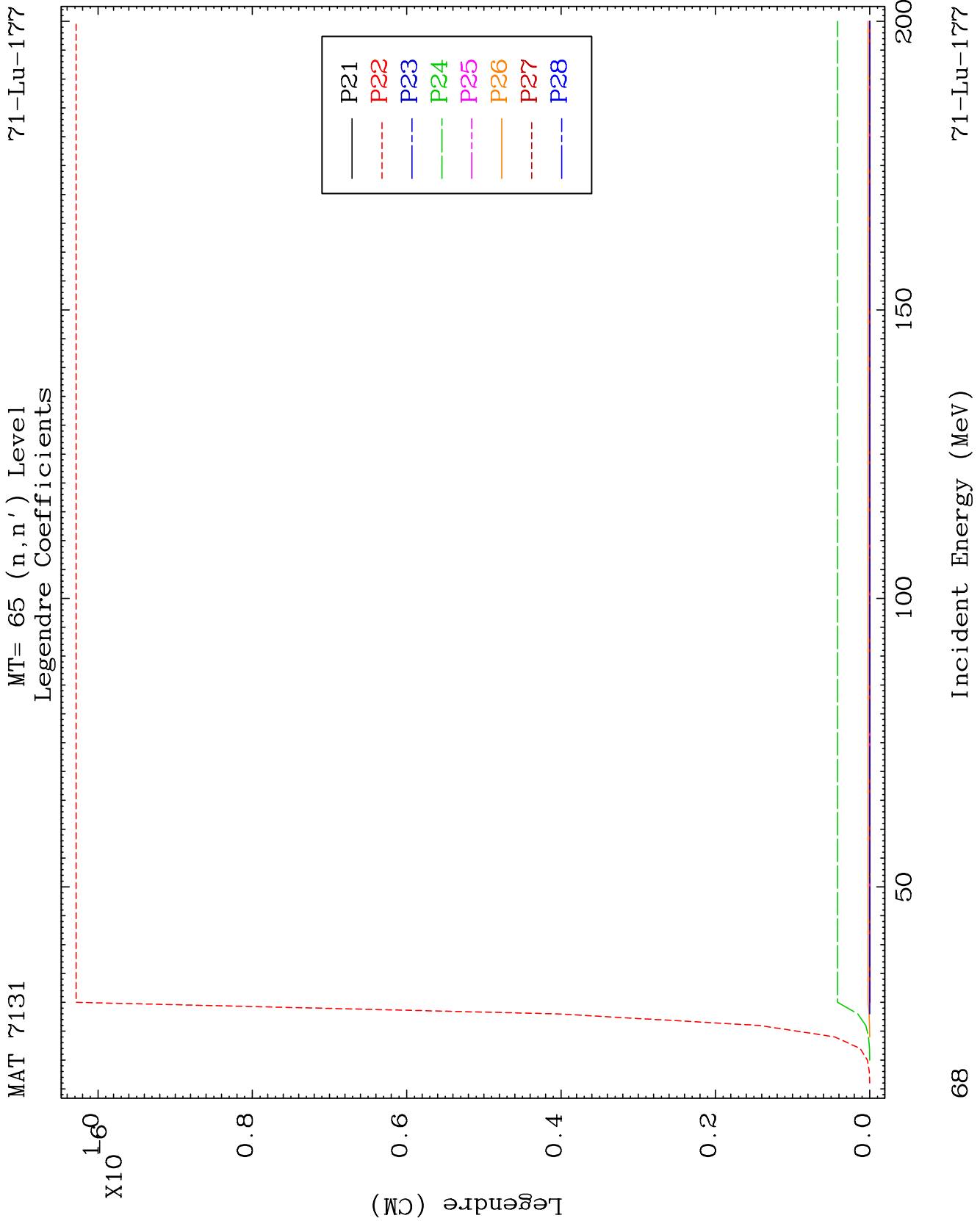
Incident Energy (MeV)

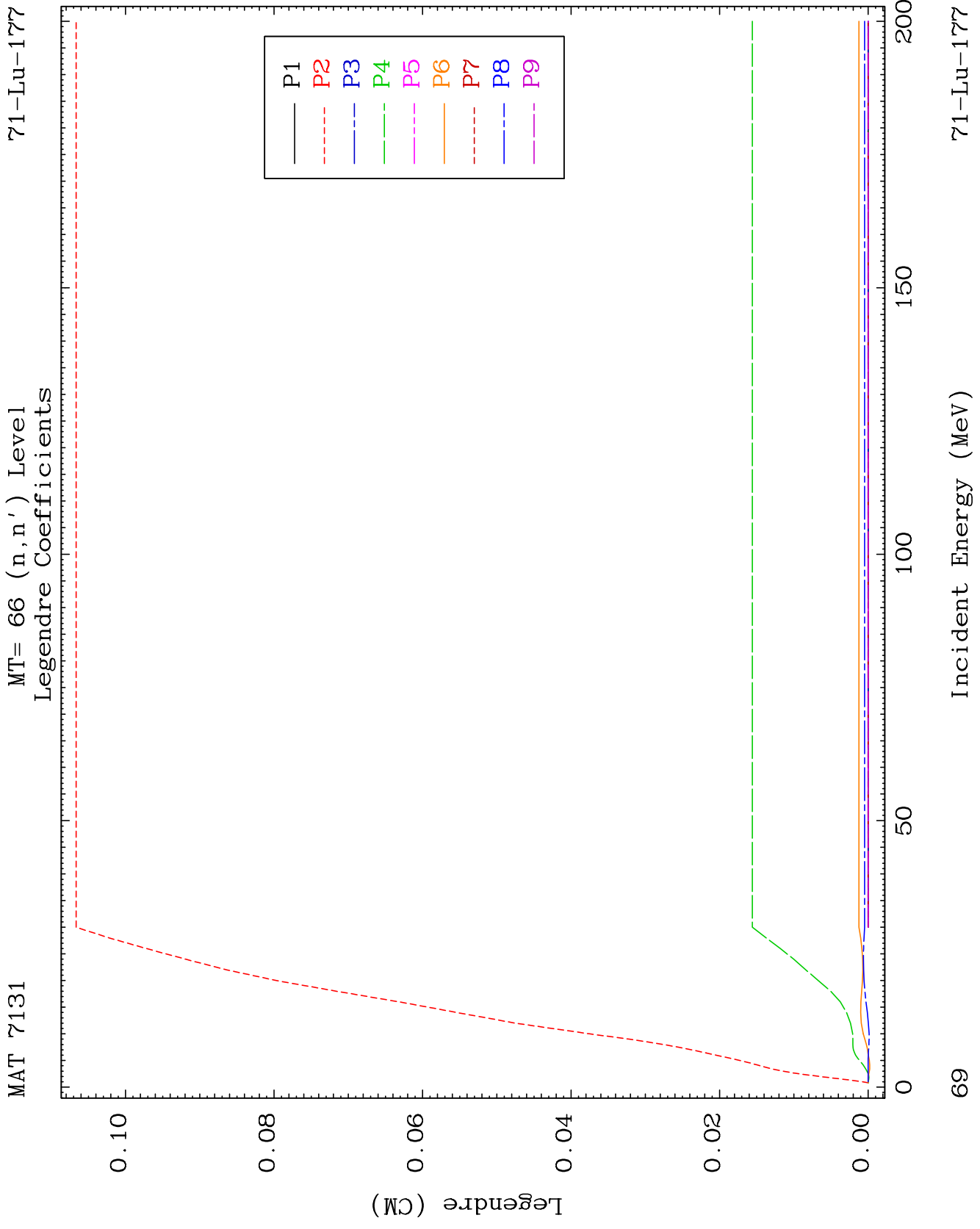
71-Lu-177







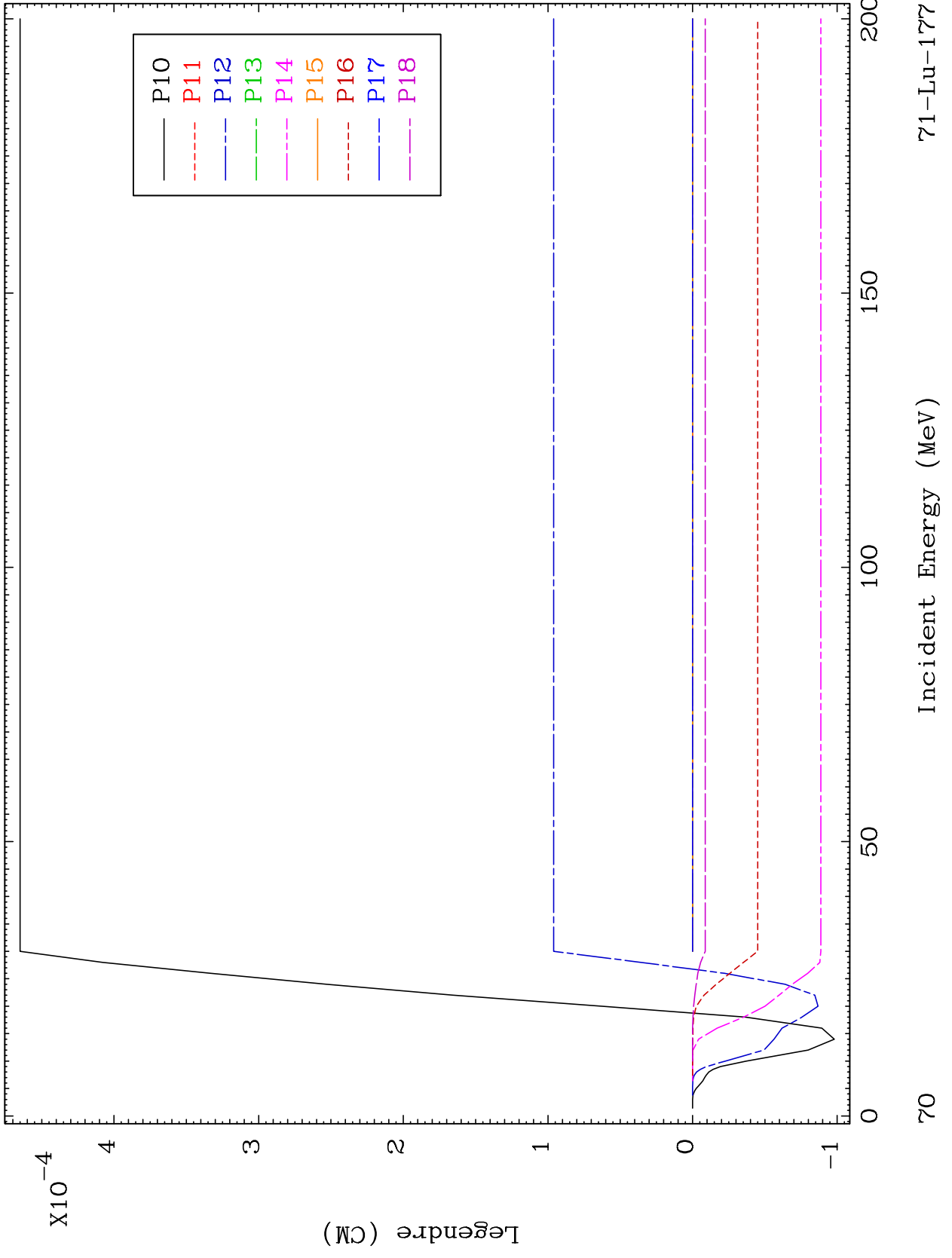


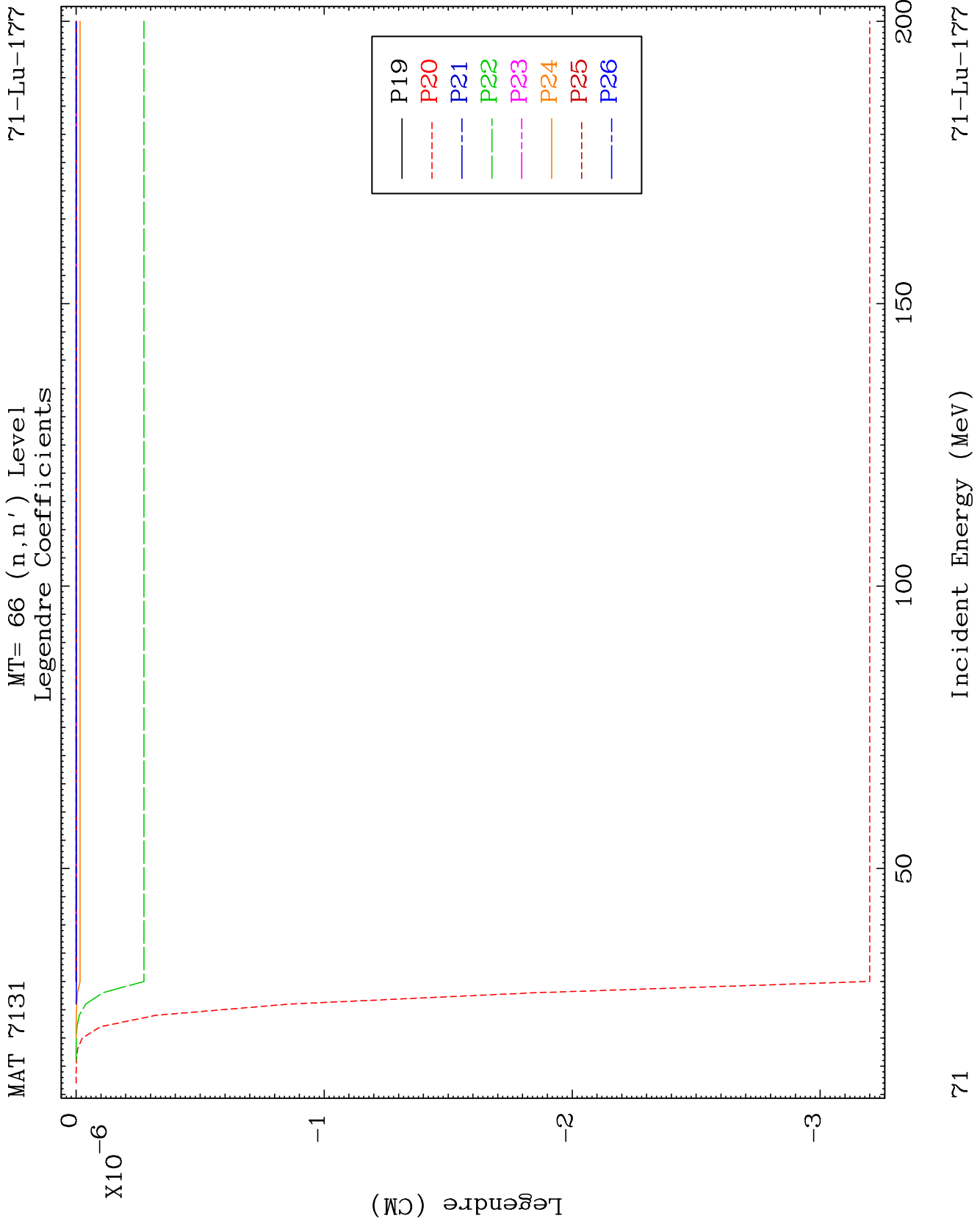


MAT 7131

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

71-Lu-177

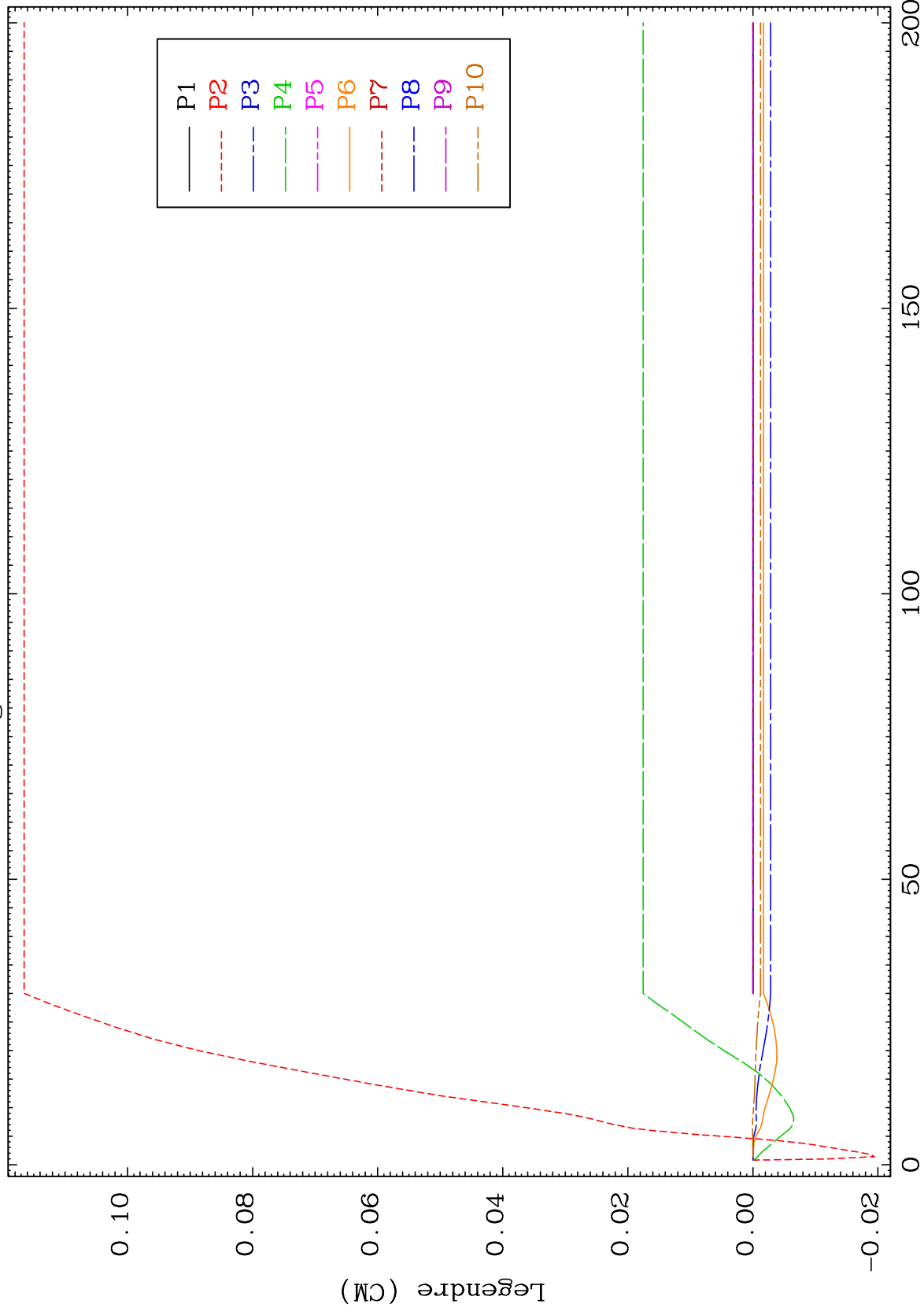




MAT 7131

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

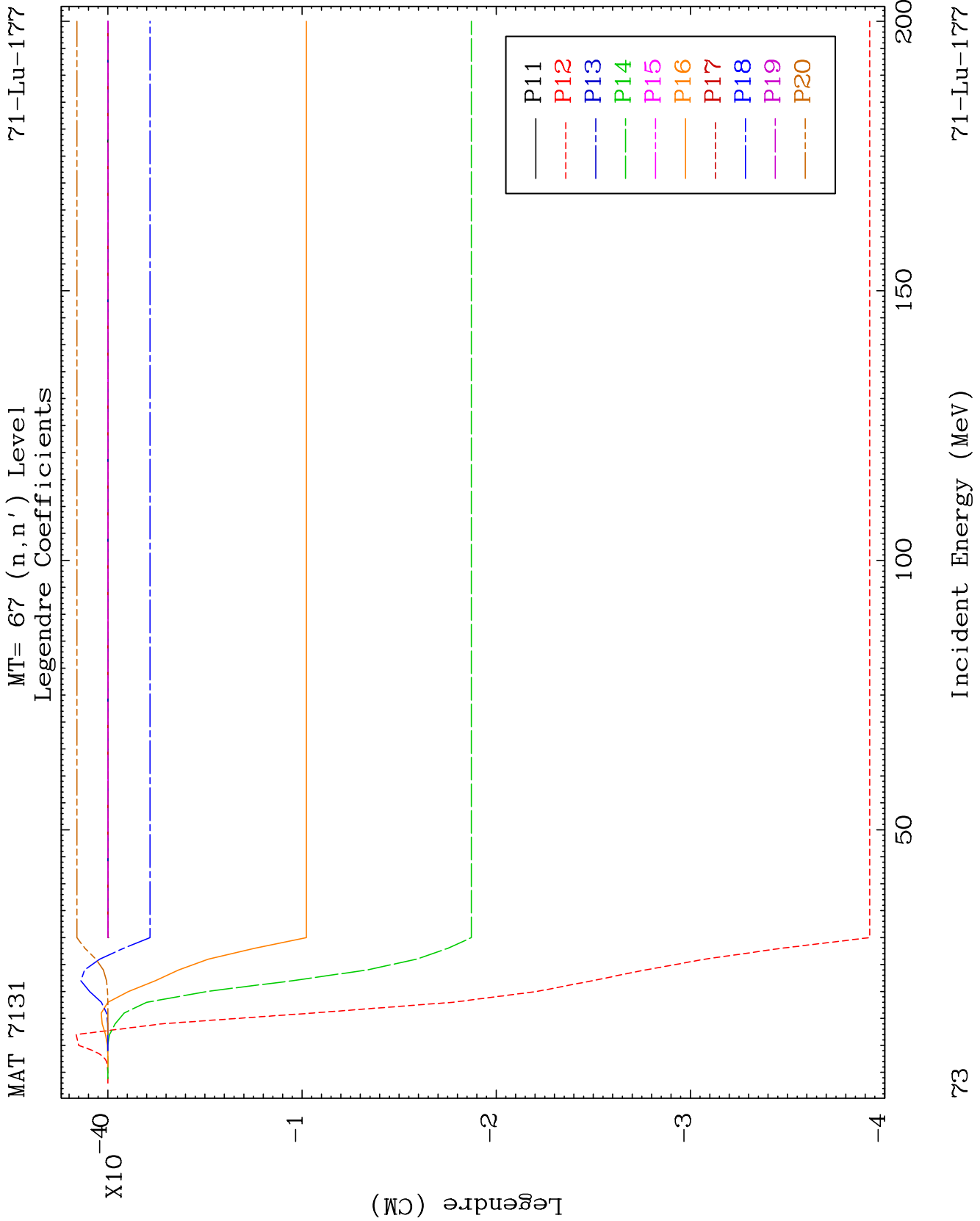
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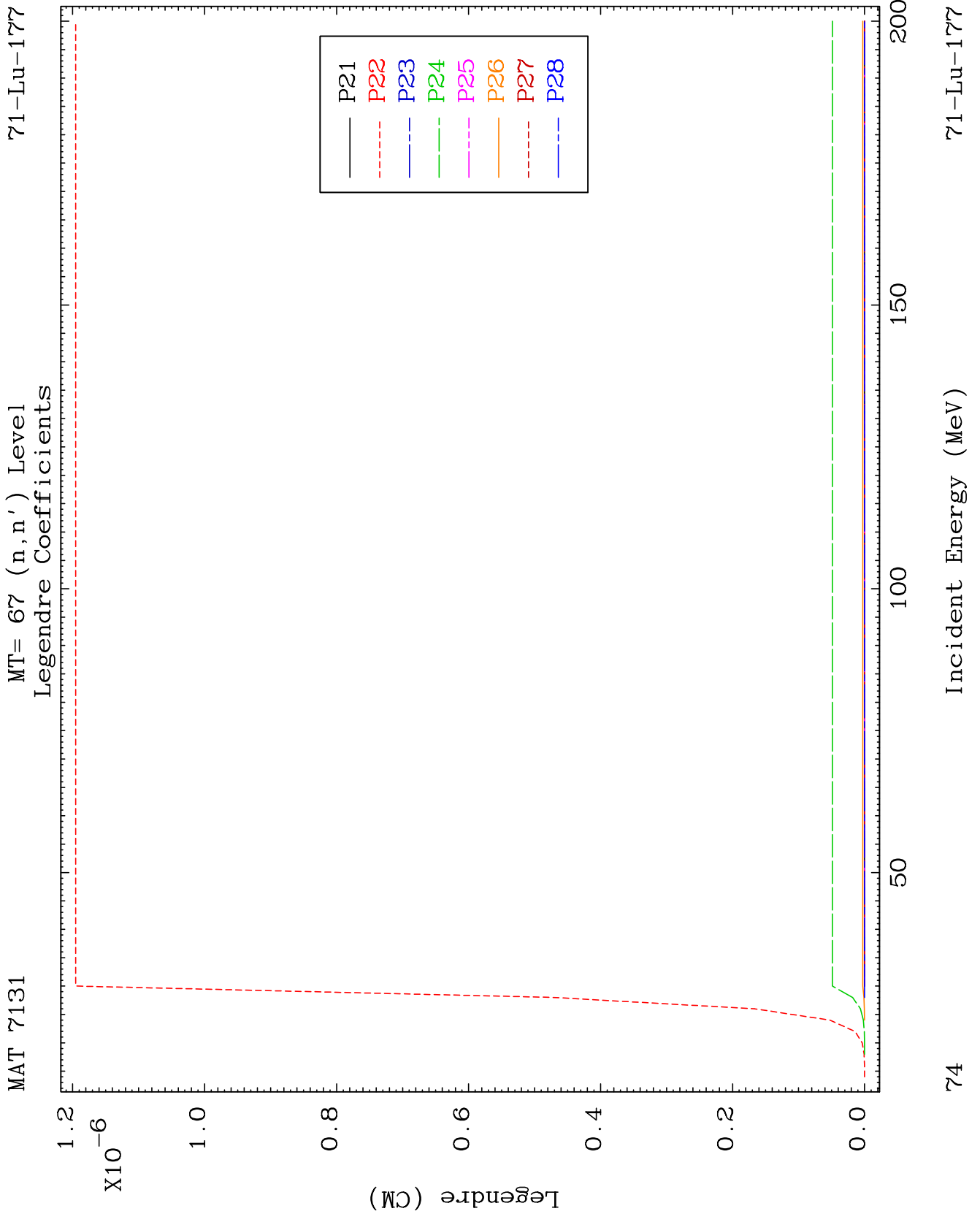


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Incident Energy (MeV)

71-Lu-177

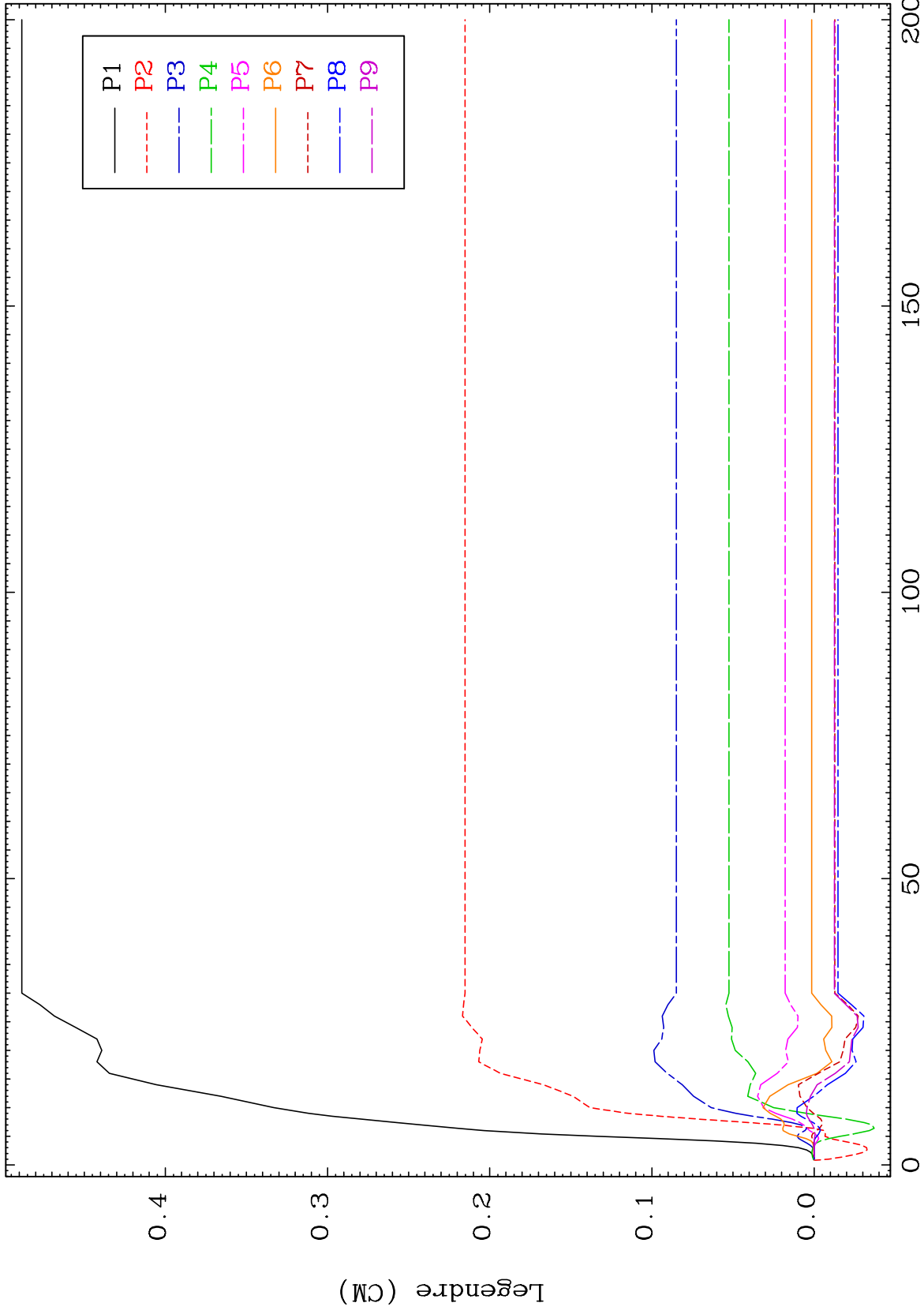




MAT 7131

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

71-Lu-177



75

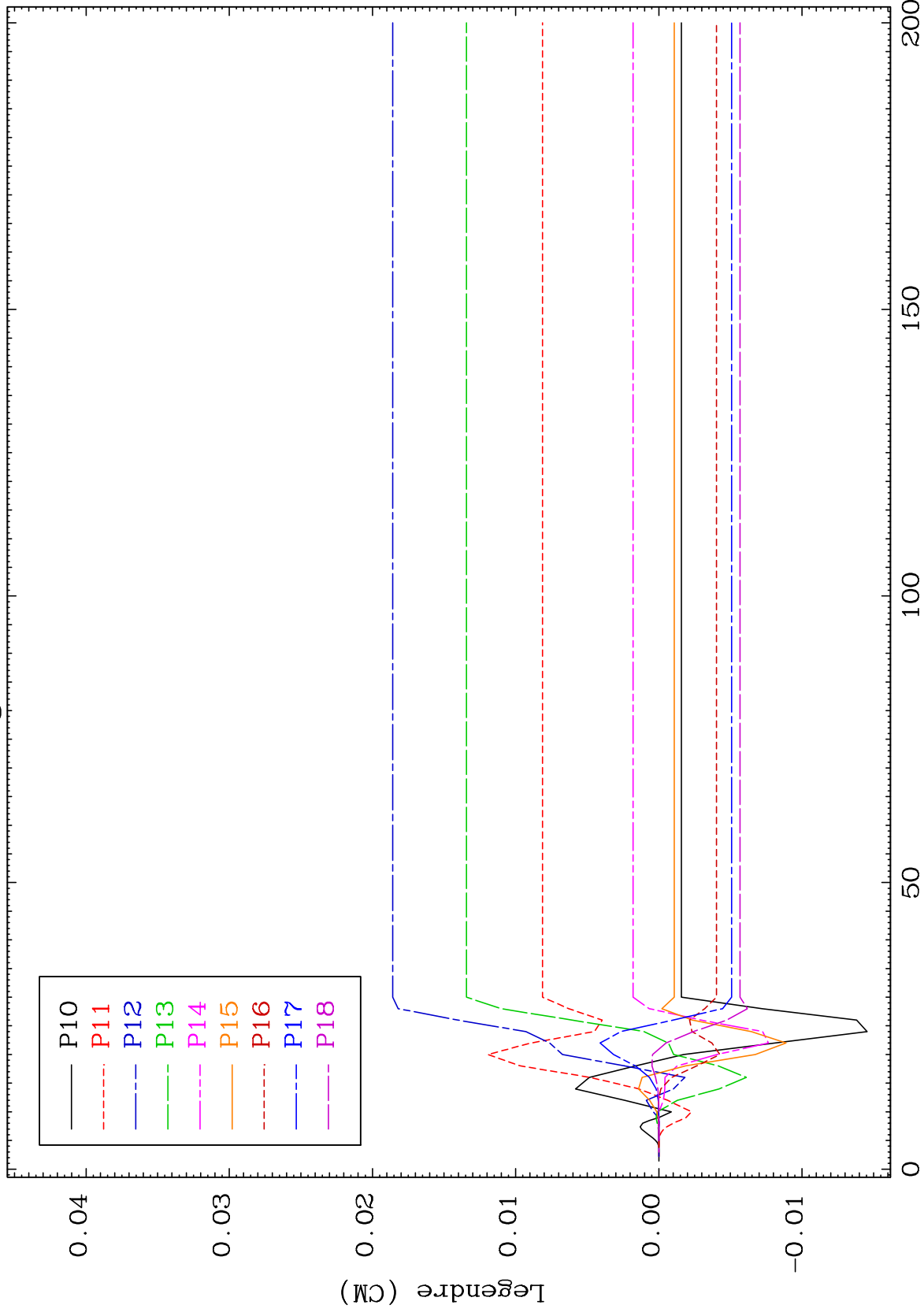
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



76

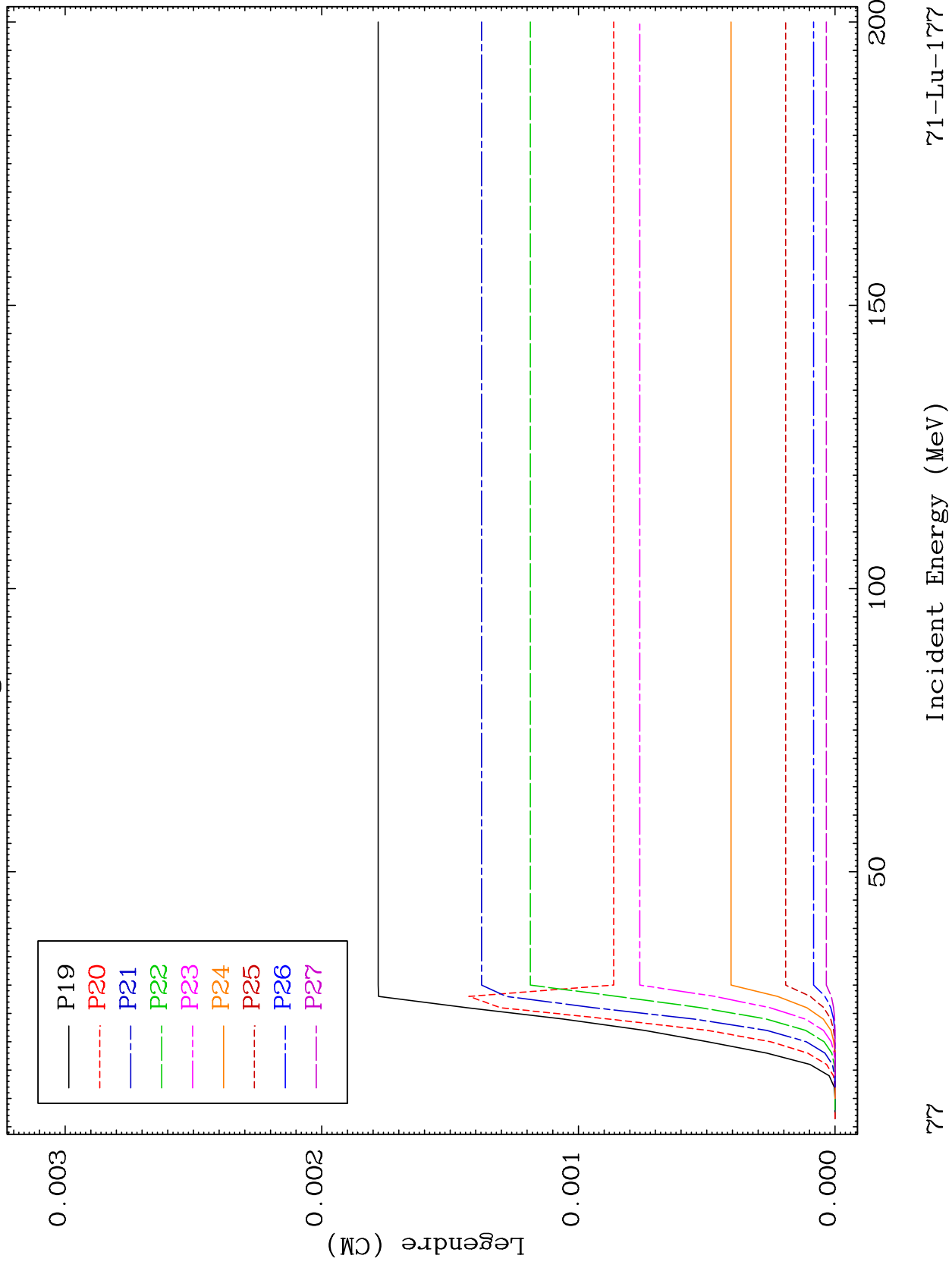
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



77

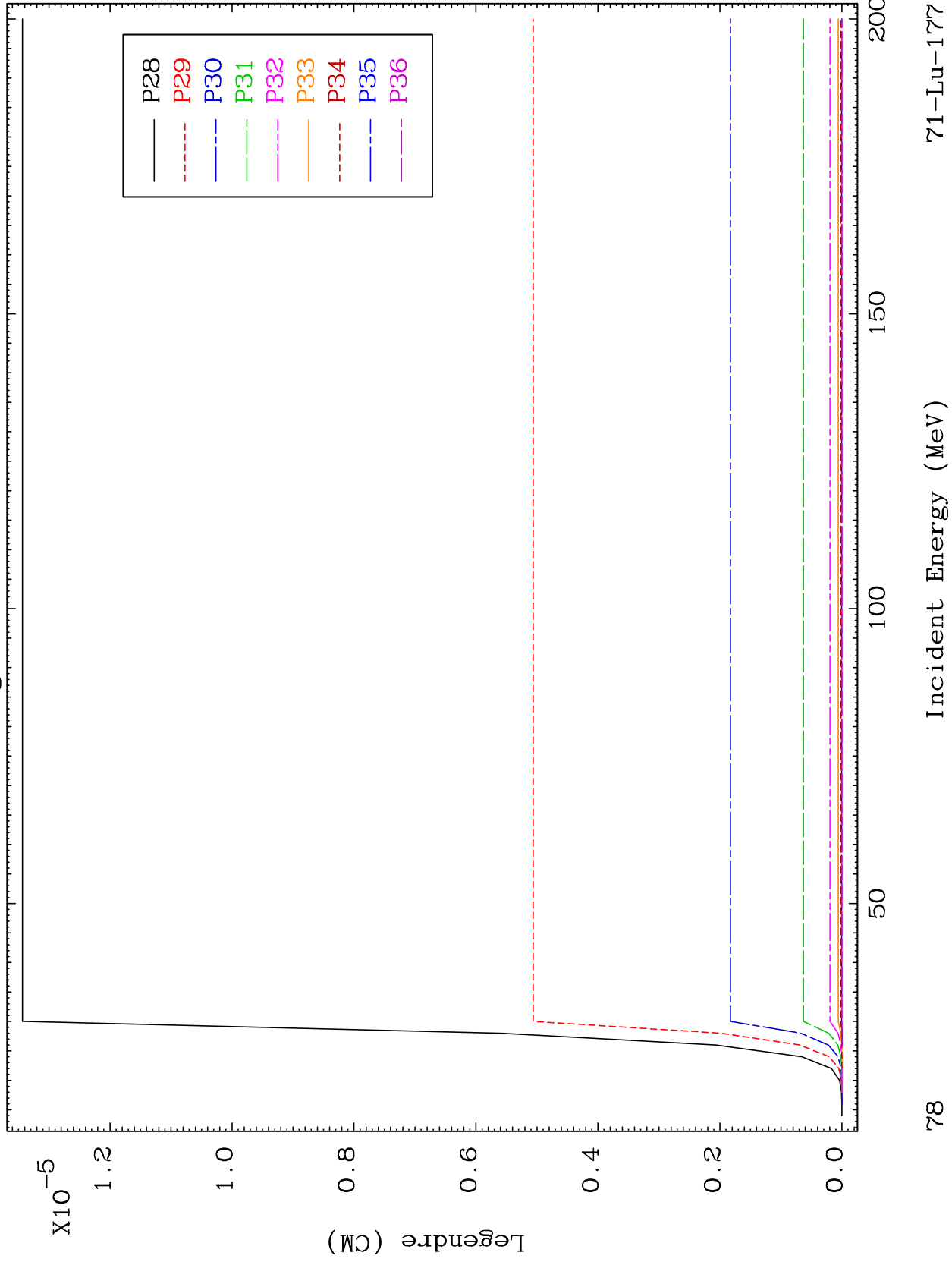
Incident Energy (MeV)

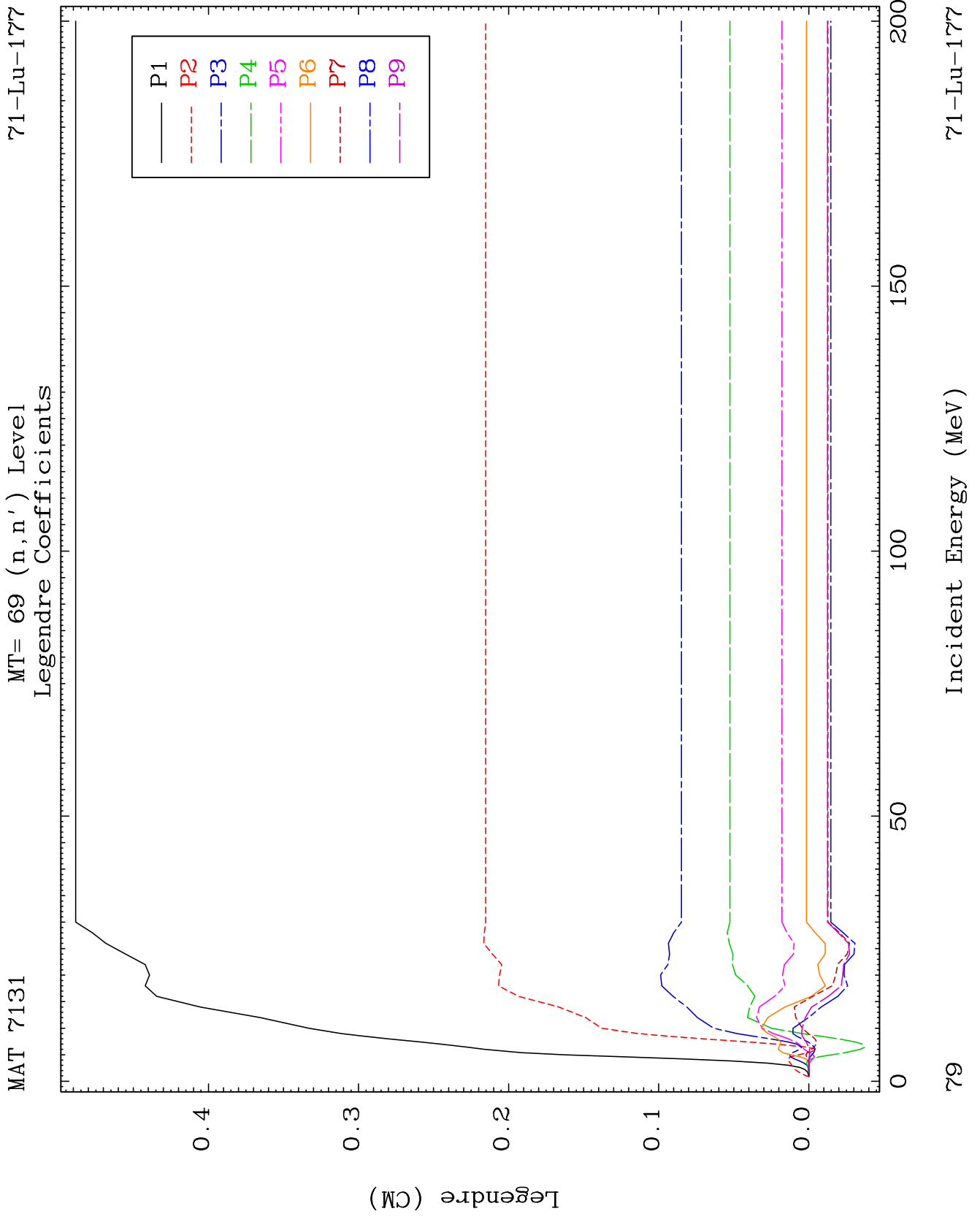
71-Lu-177

MAT 7131

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

71-Lu-177

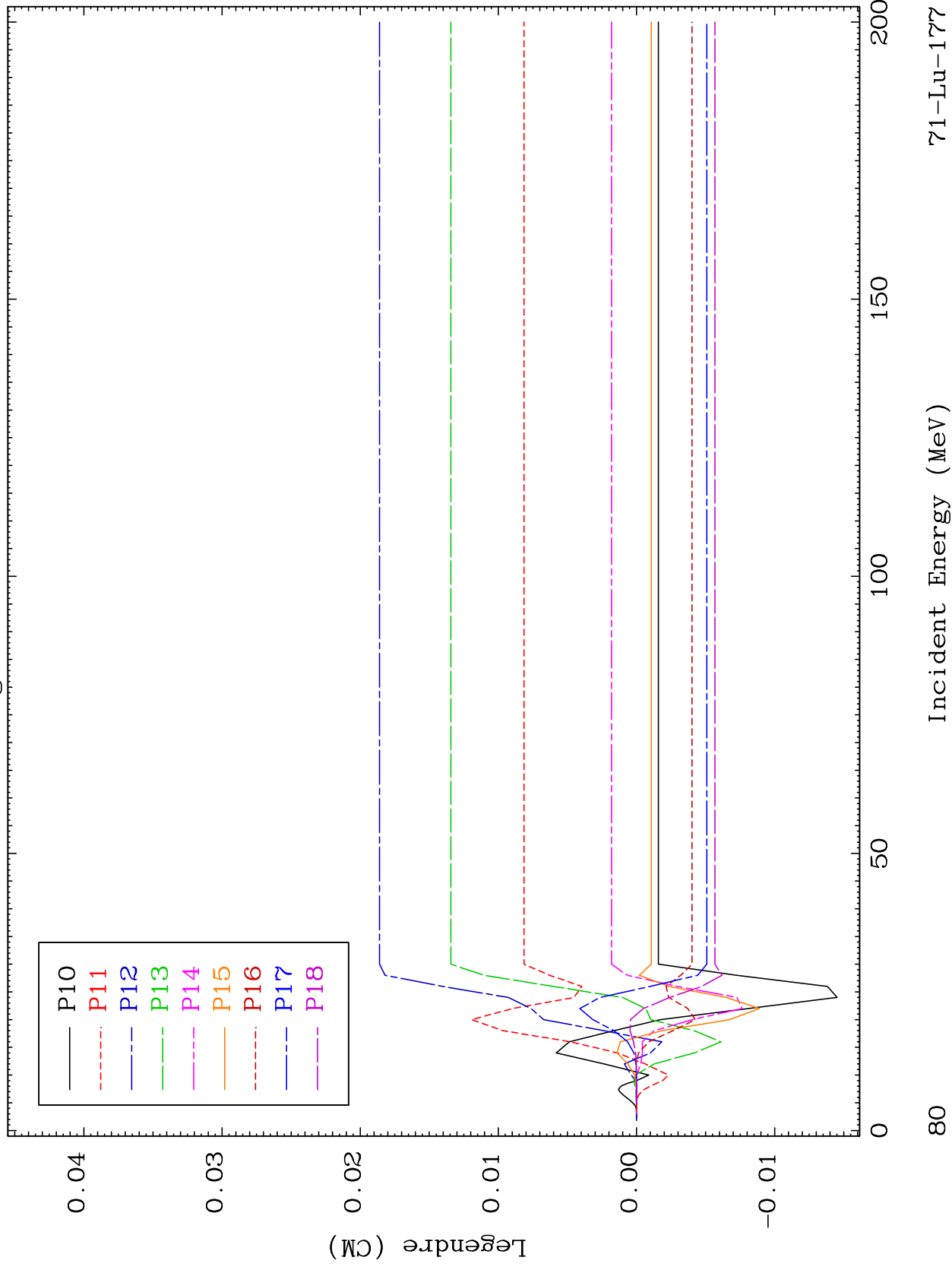




MAT 7131

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

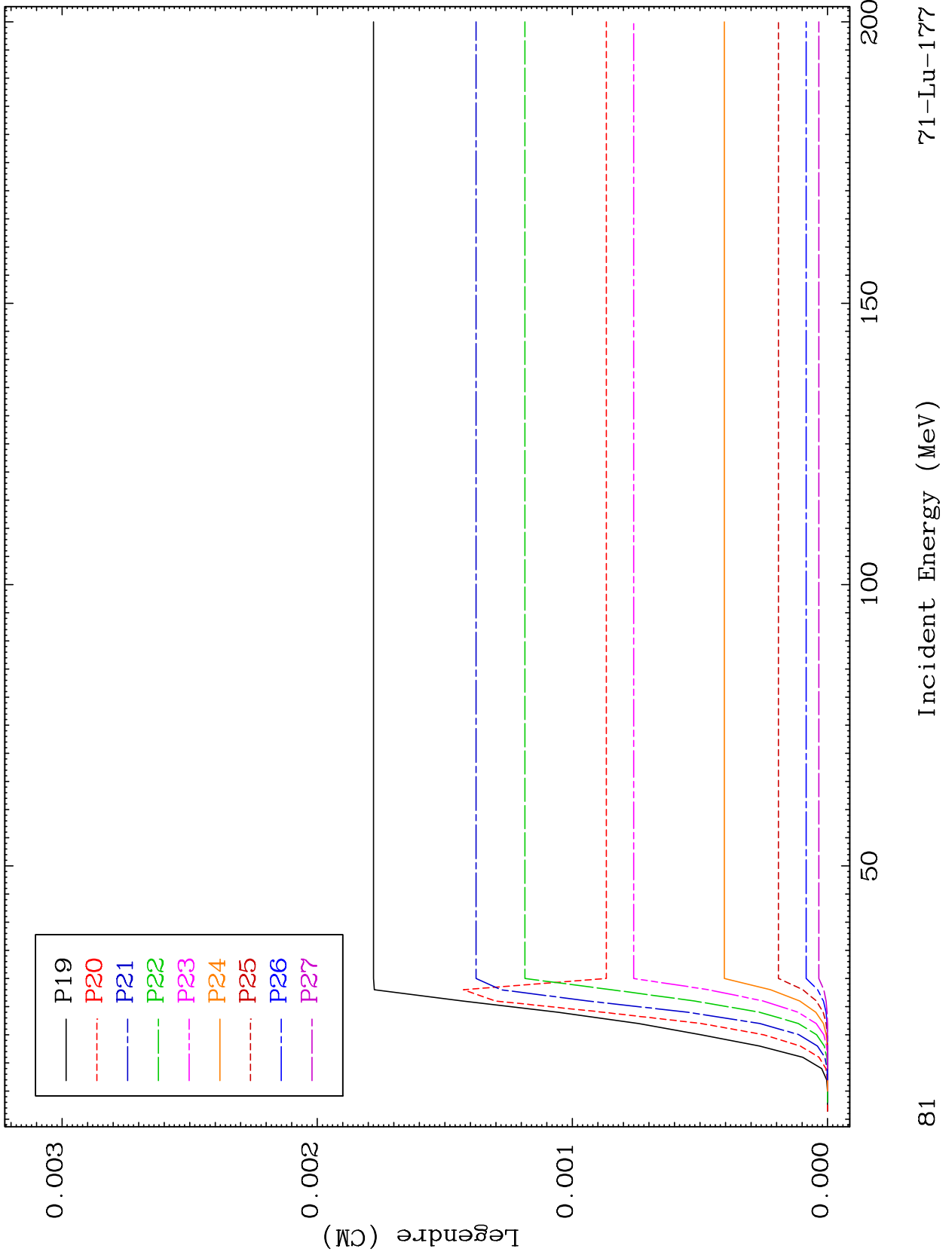
71-Lu-177



71-Lu-177

Incident Energy (MeV)

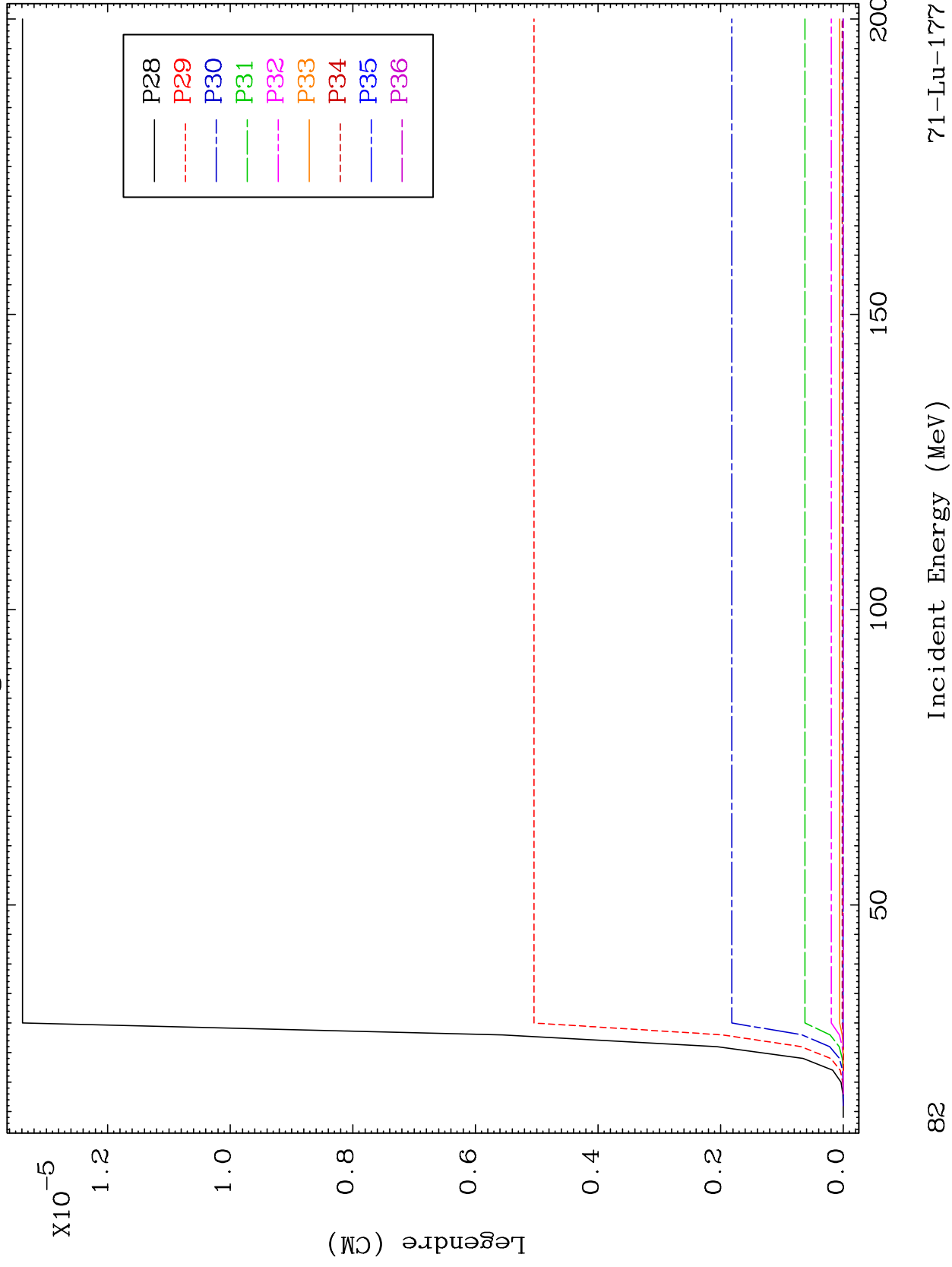
80



MAT 7131

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

71-Lu-177



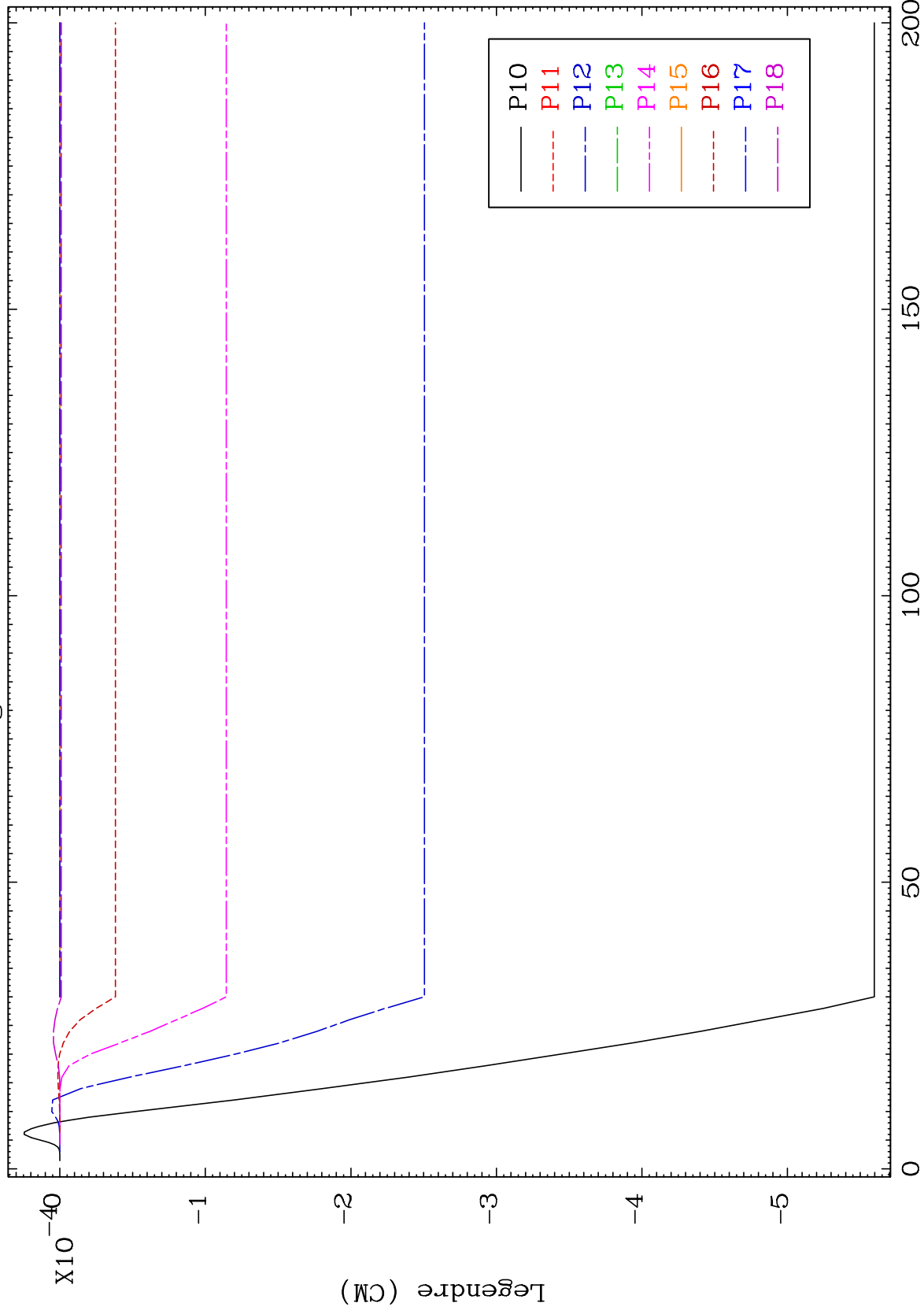
82



MAT 7131

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

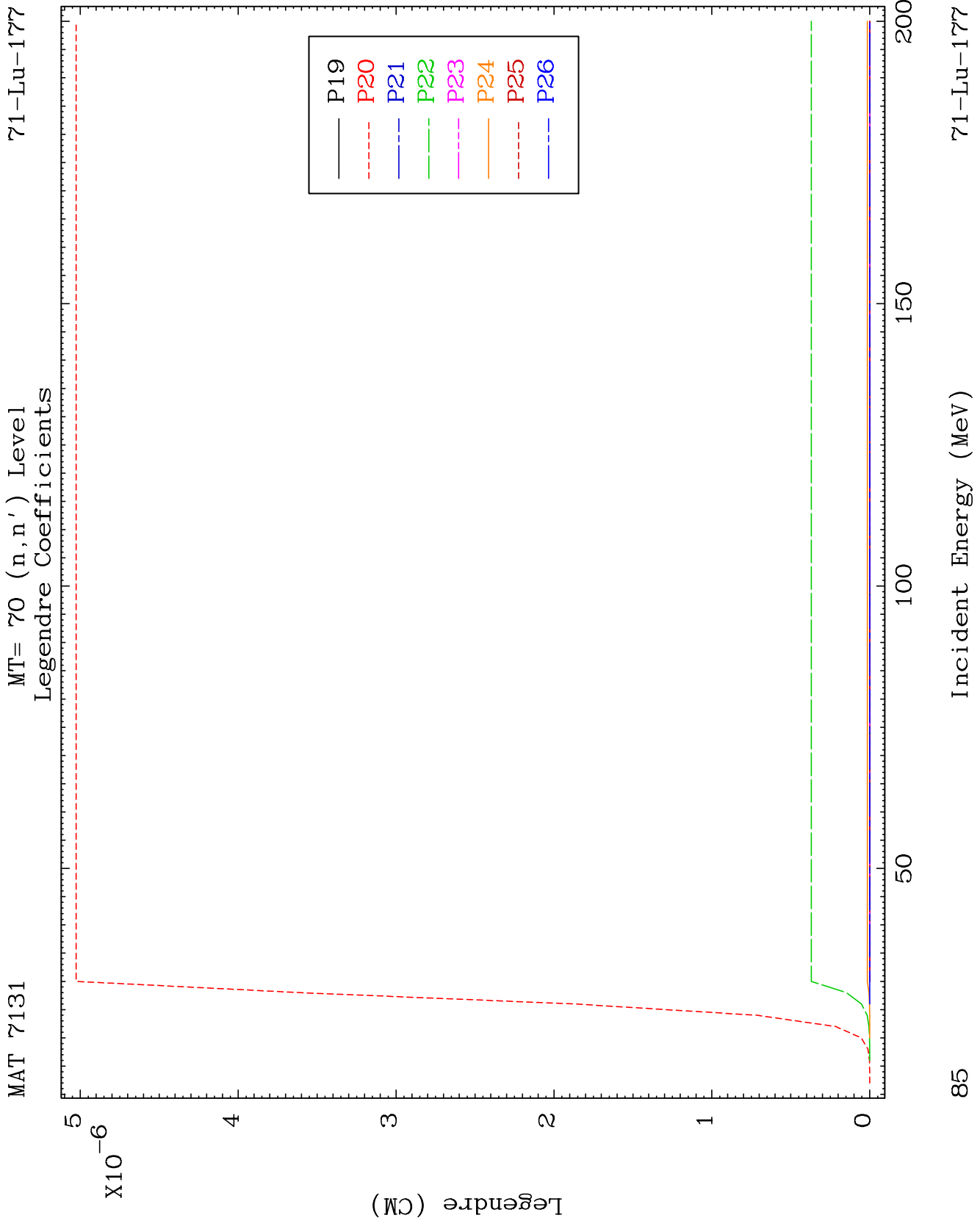
71-Lu-177



84

Incident Energy (MeV)

71-Lu-177

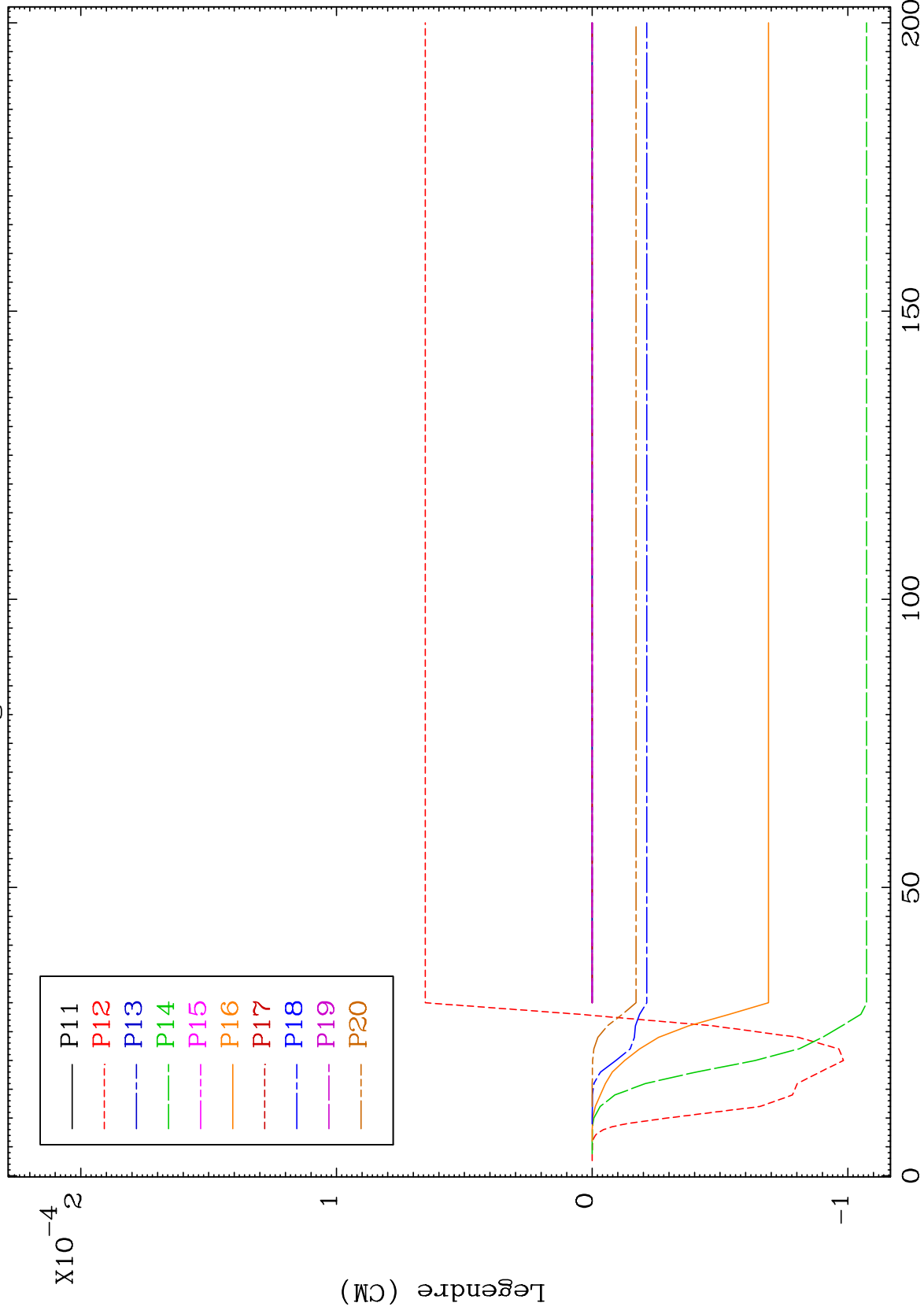




MAT 7131

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

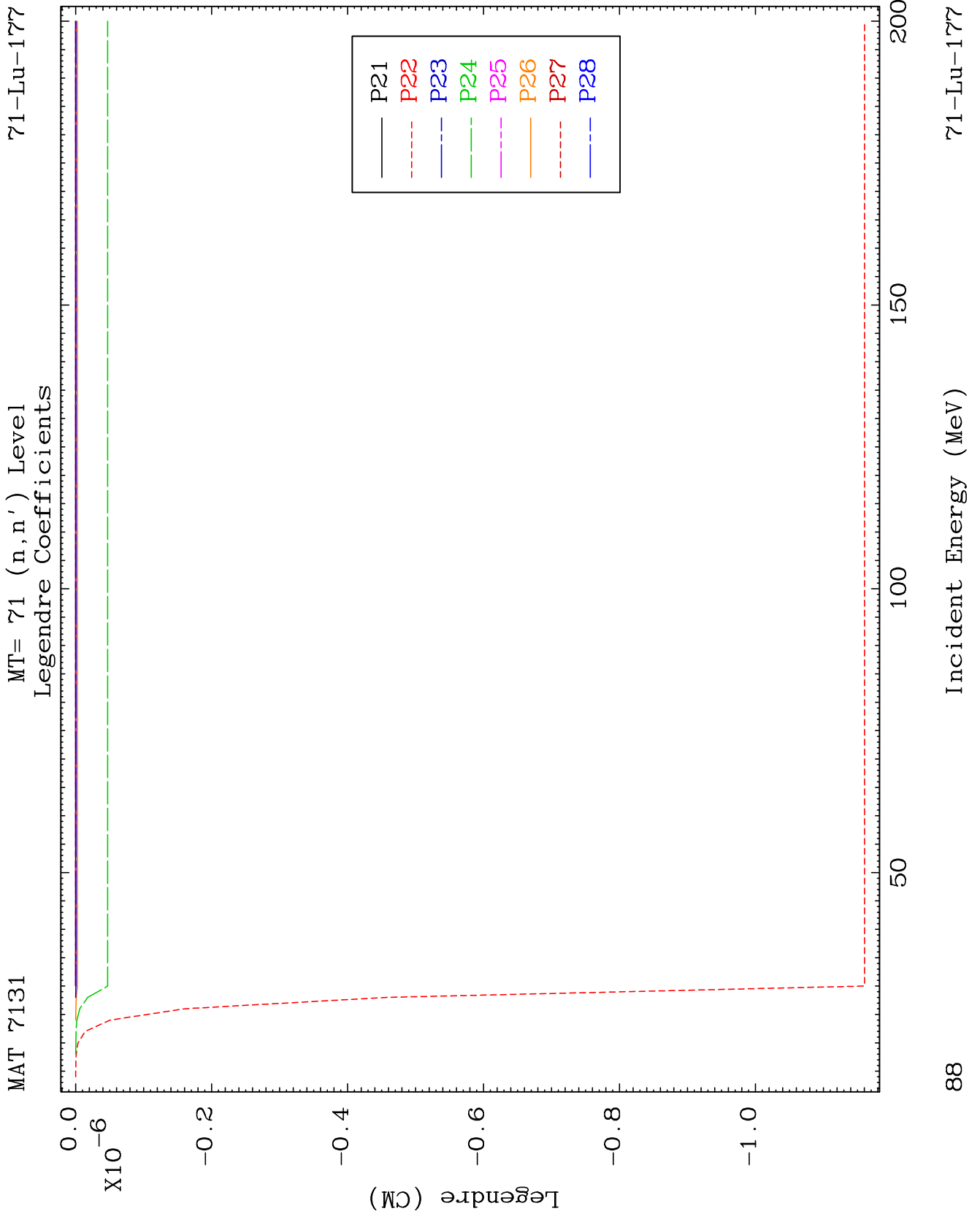
71-Lu-177



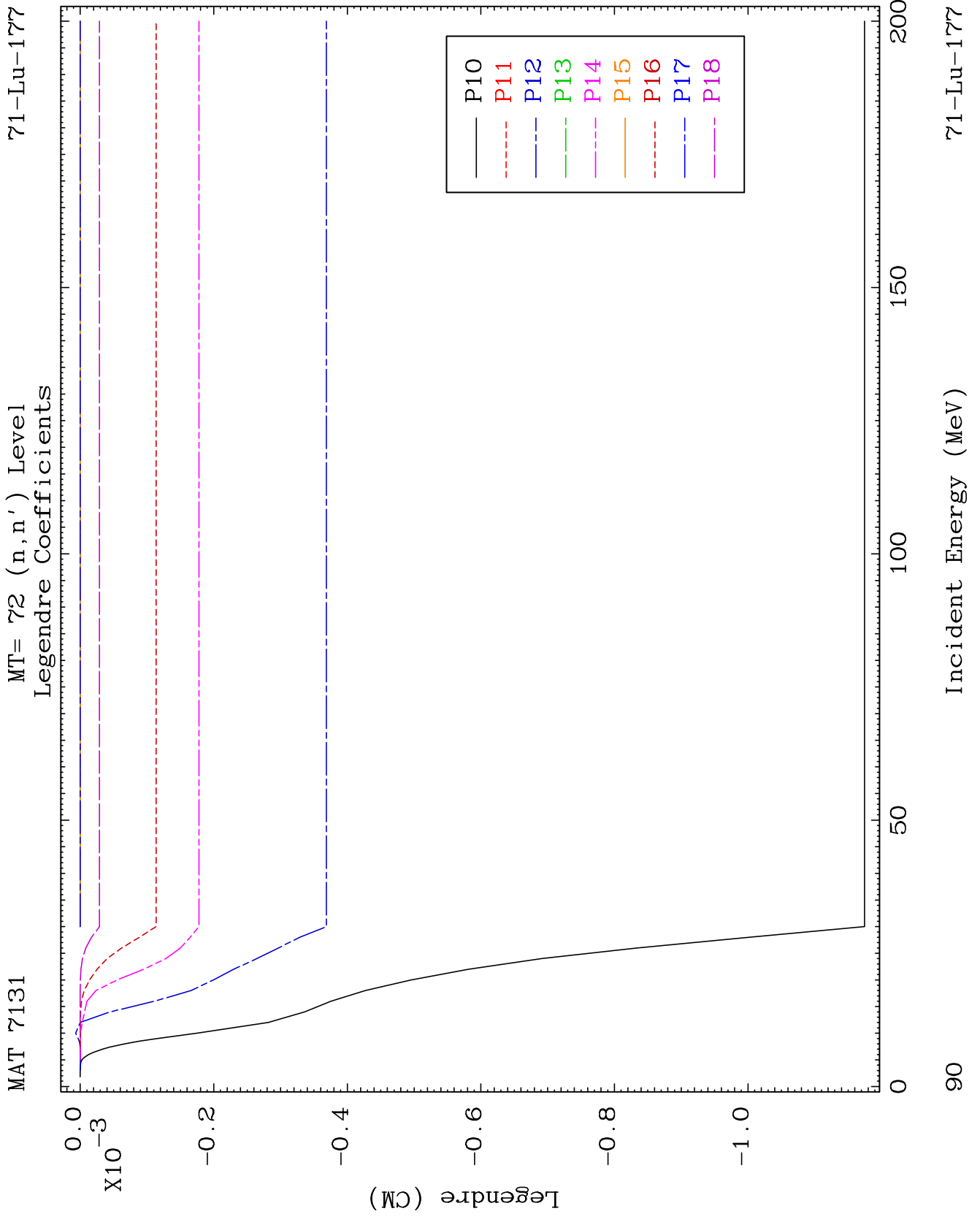
87

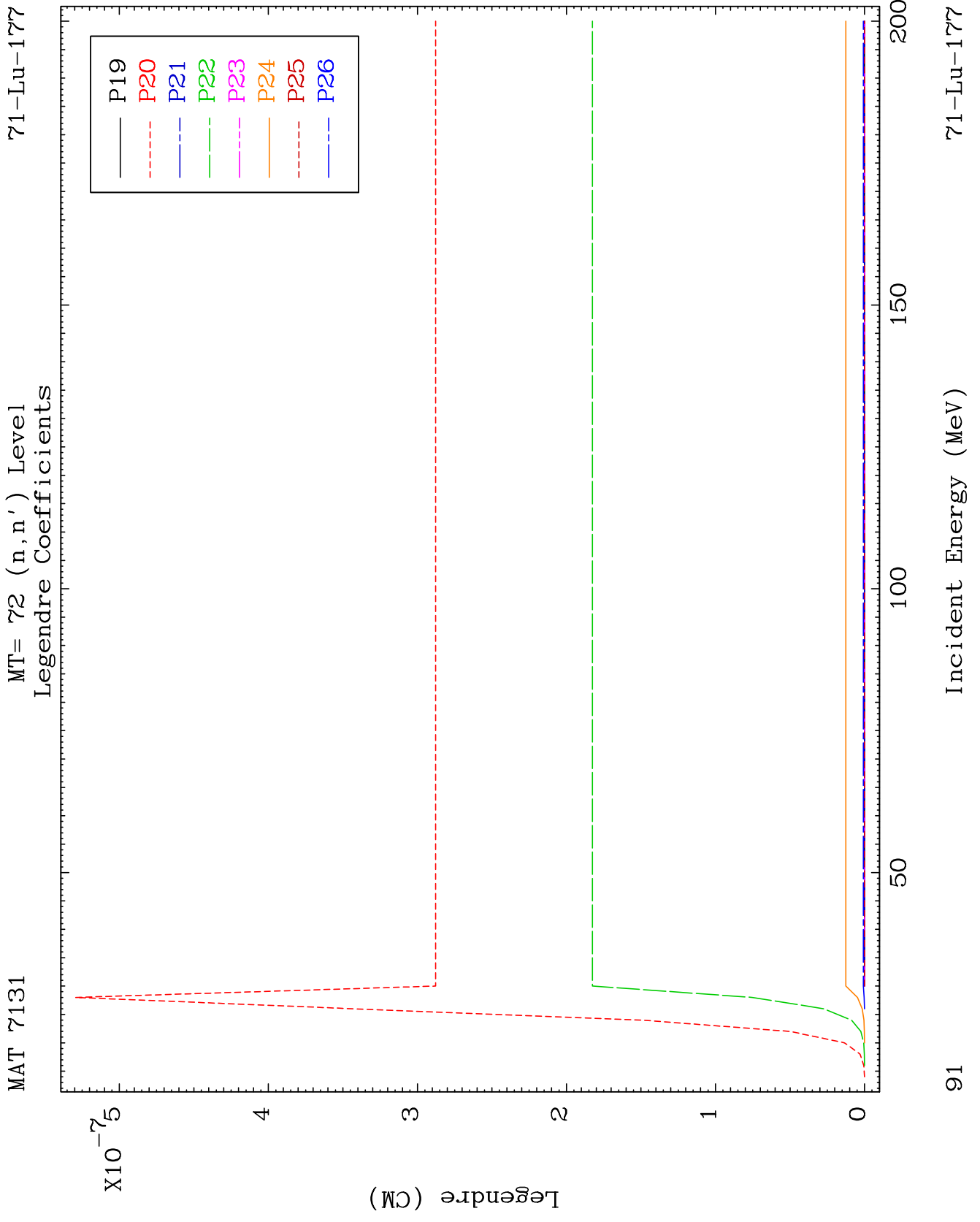
Incident Energy (MeV)

71-Lu-177





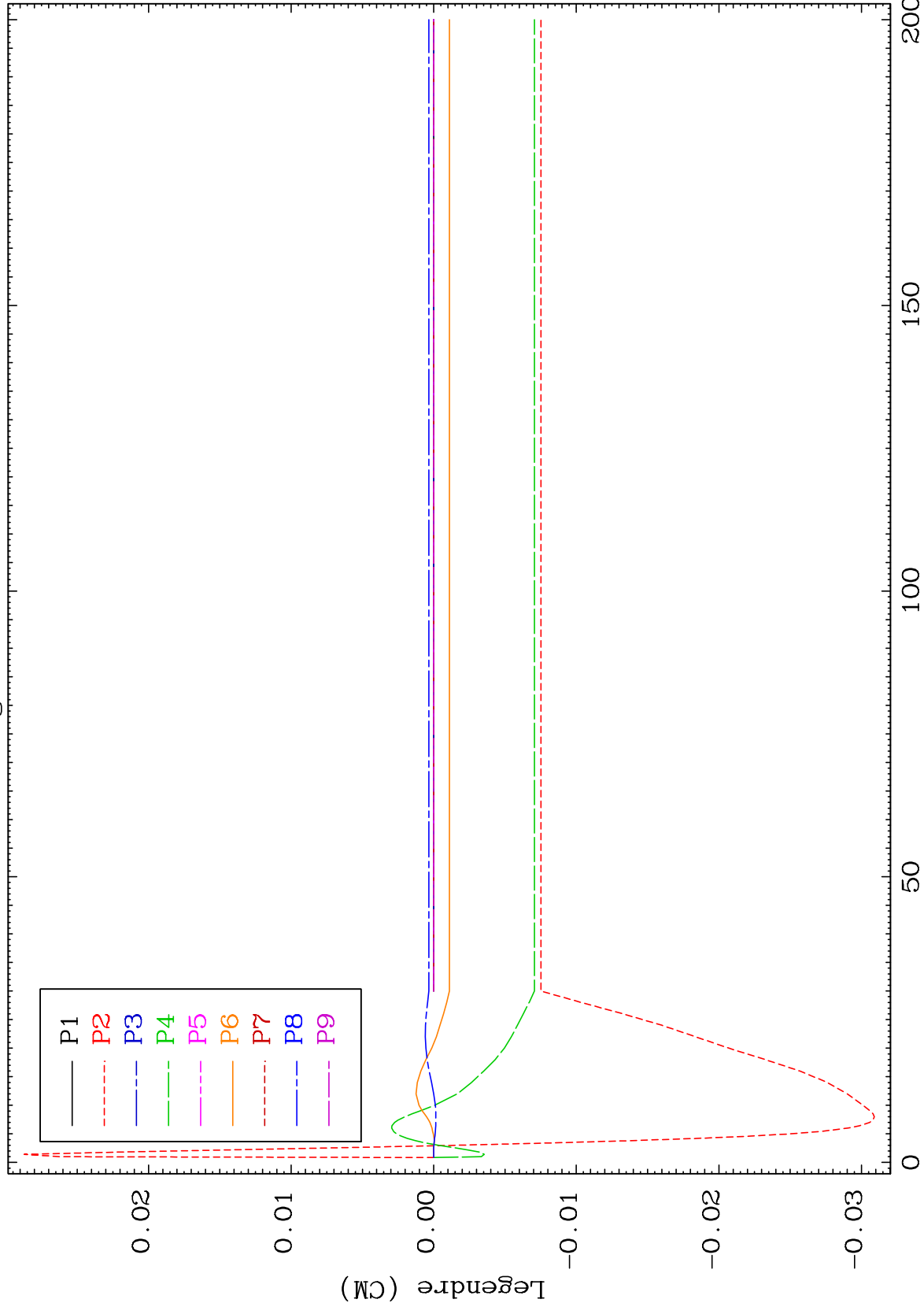




MAT 7131

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

71-Lu-177



92

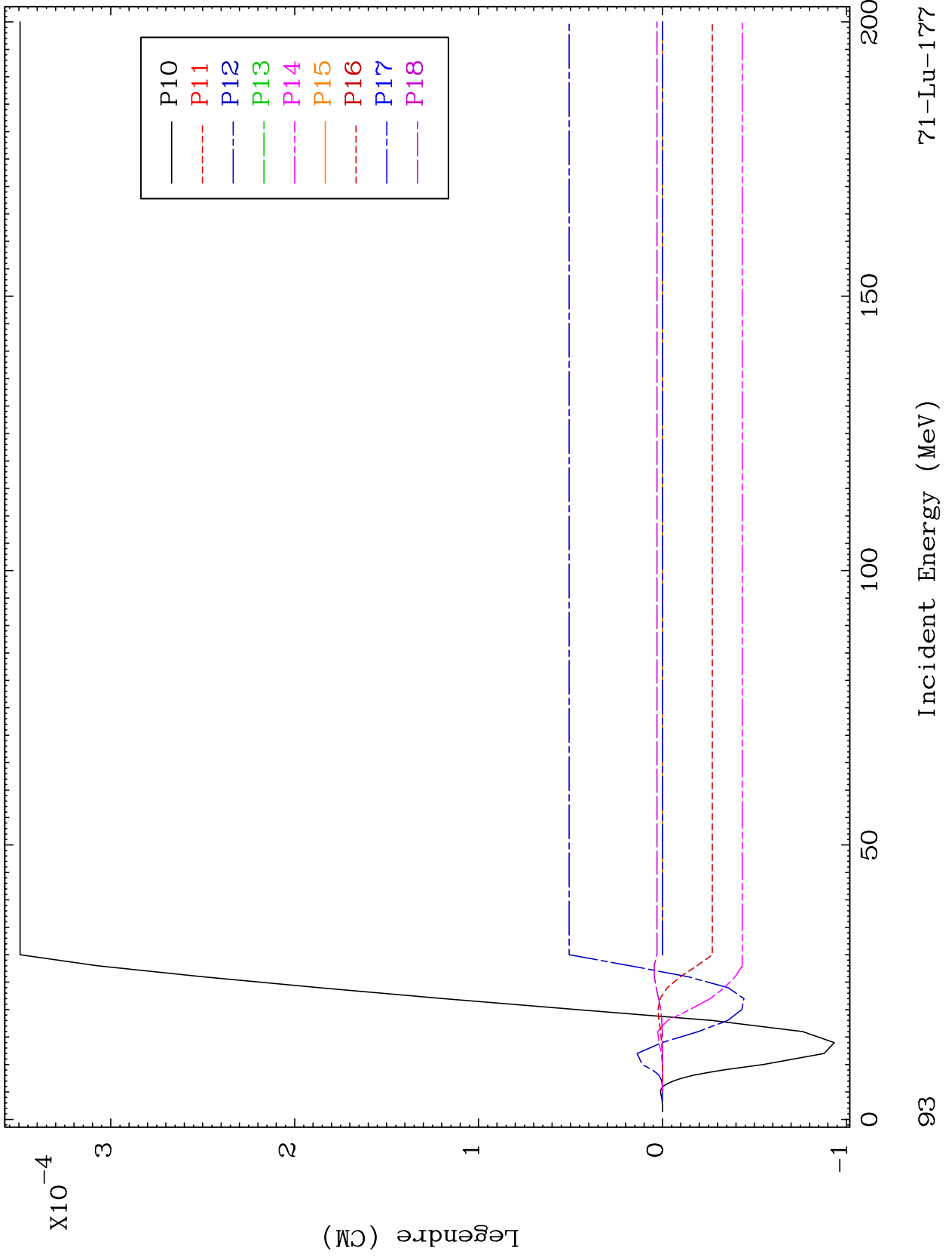
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



93

Incident Energy (MeV)

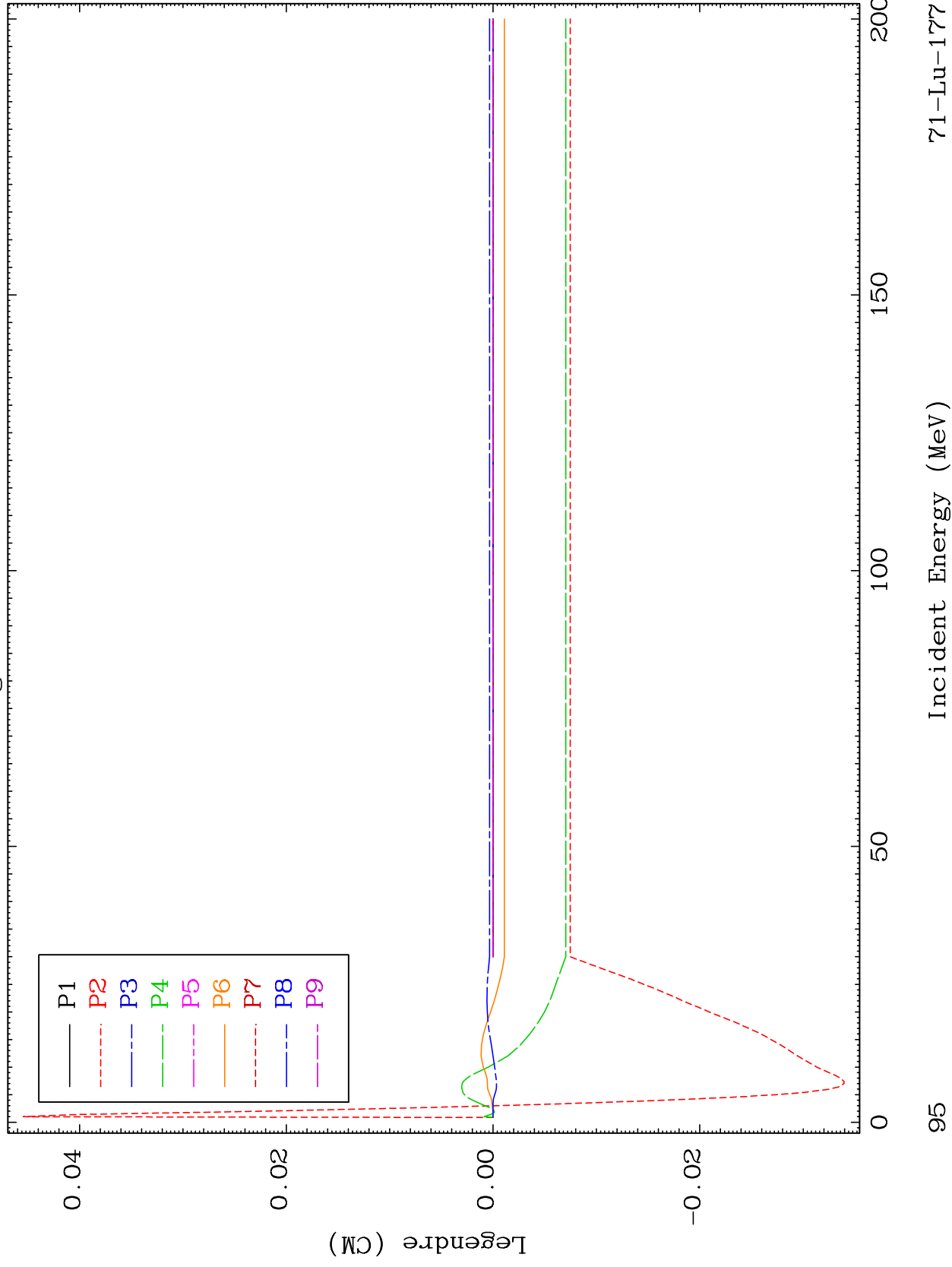
71-Lu-177



MAT 7131

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

71-Lu-177



71-Lu-177

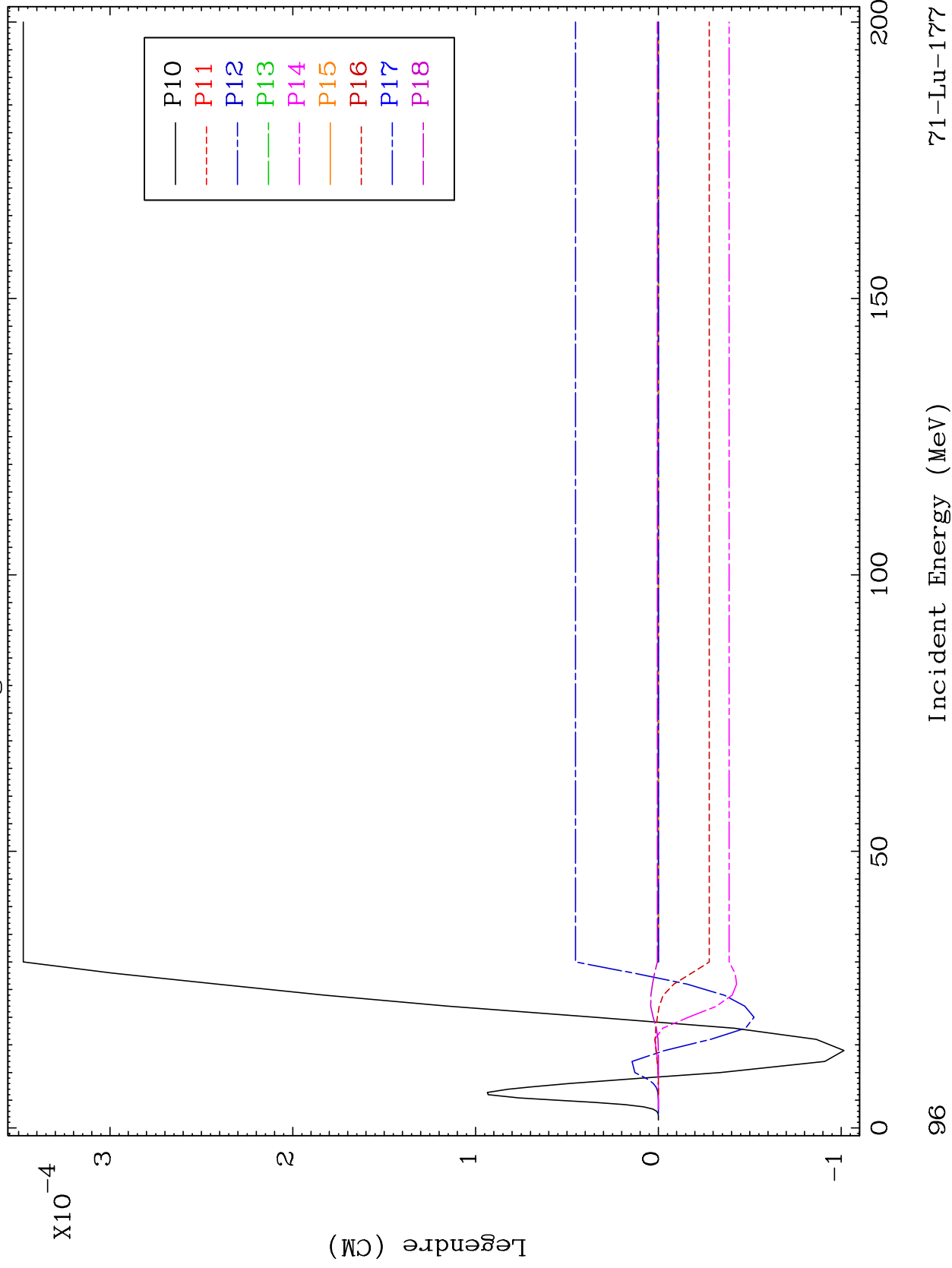
Incident Energy (MeV)

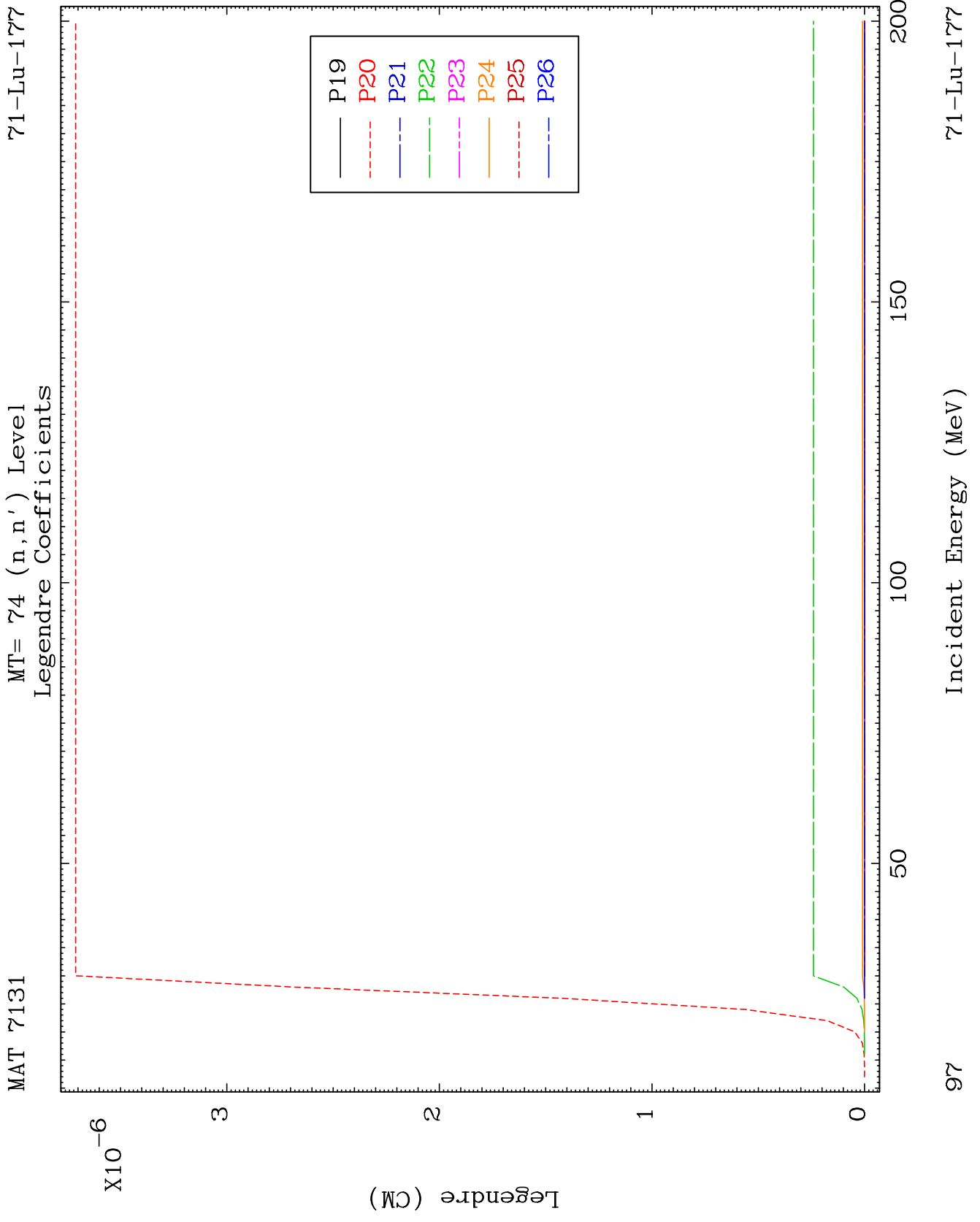
95

MAT 7131

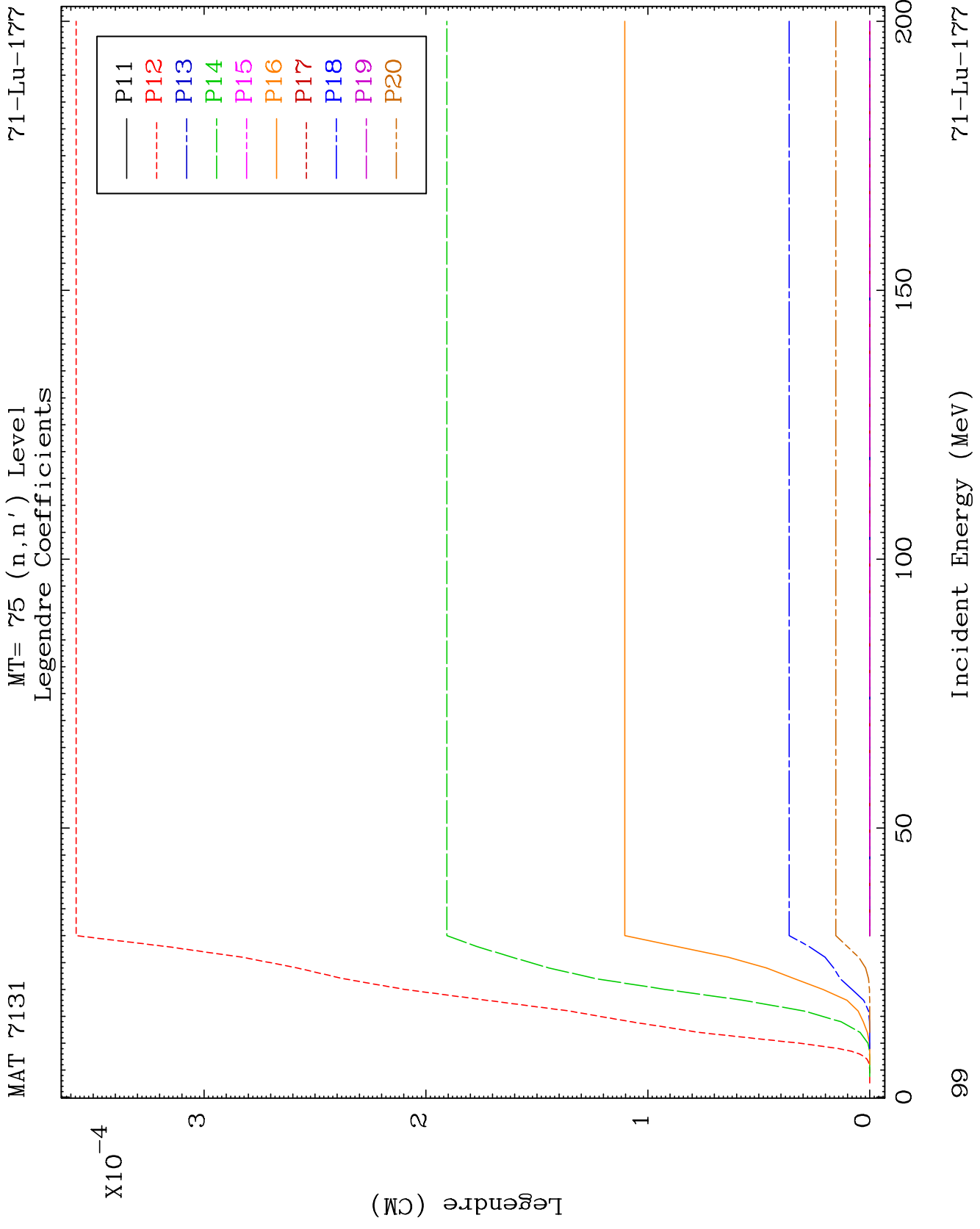
MT= 74 (n,n') Level  
Legendre Coefficients

71-Lu-177

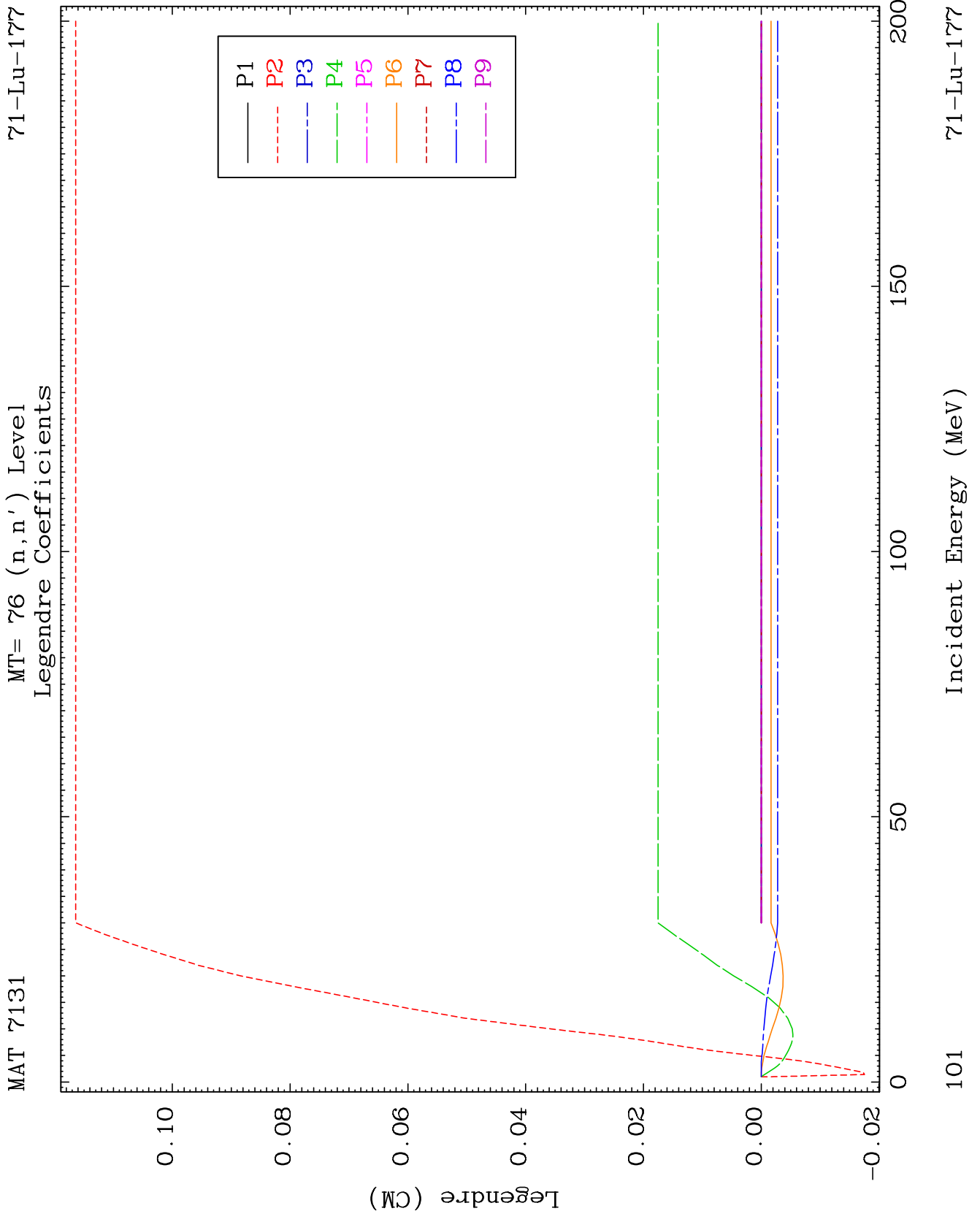








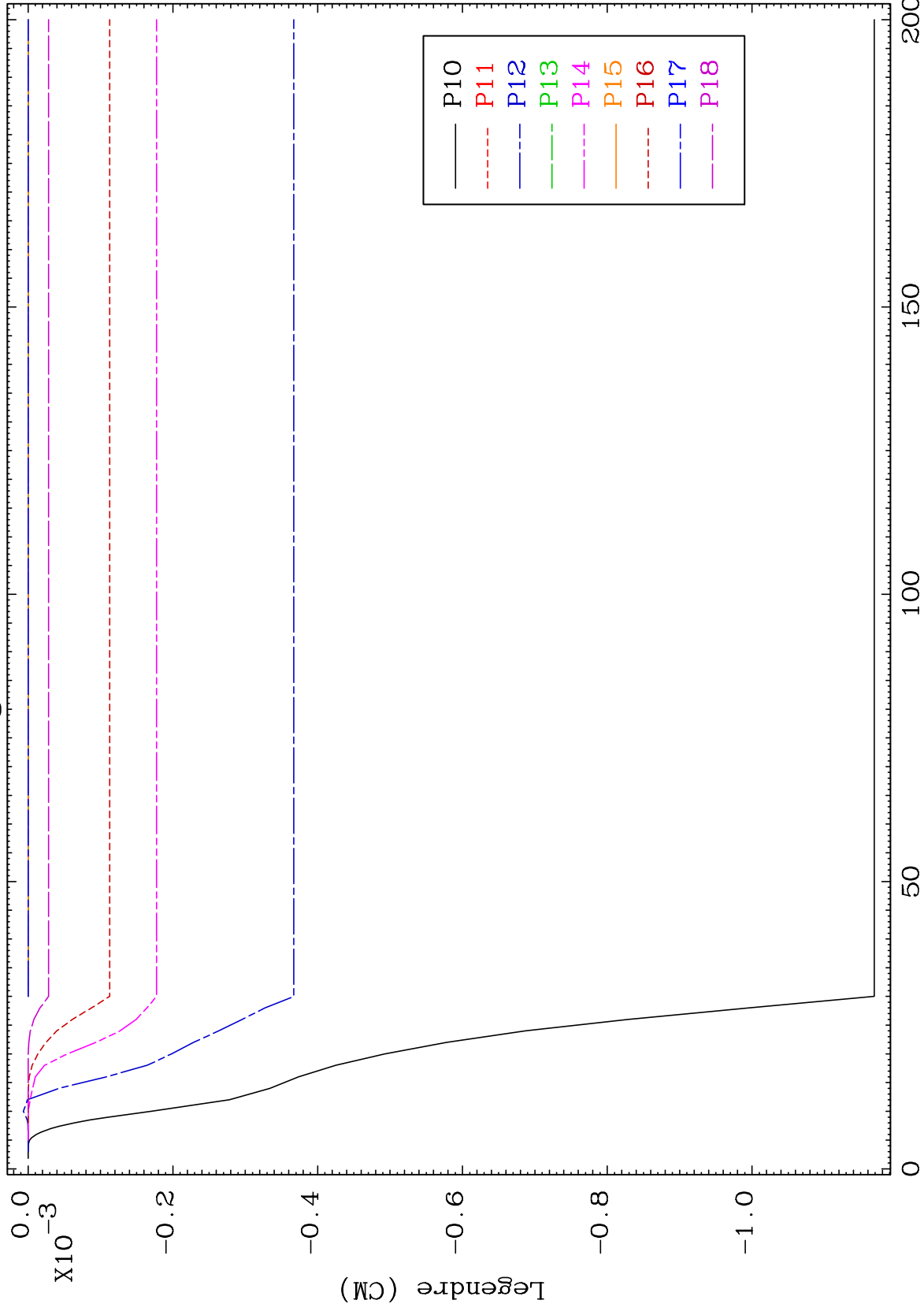




MAT 7131

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

71-Lu-177



102

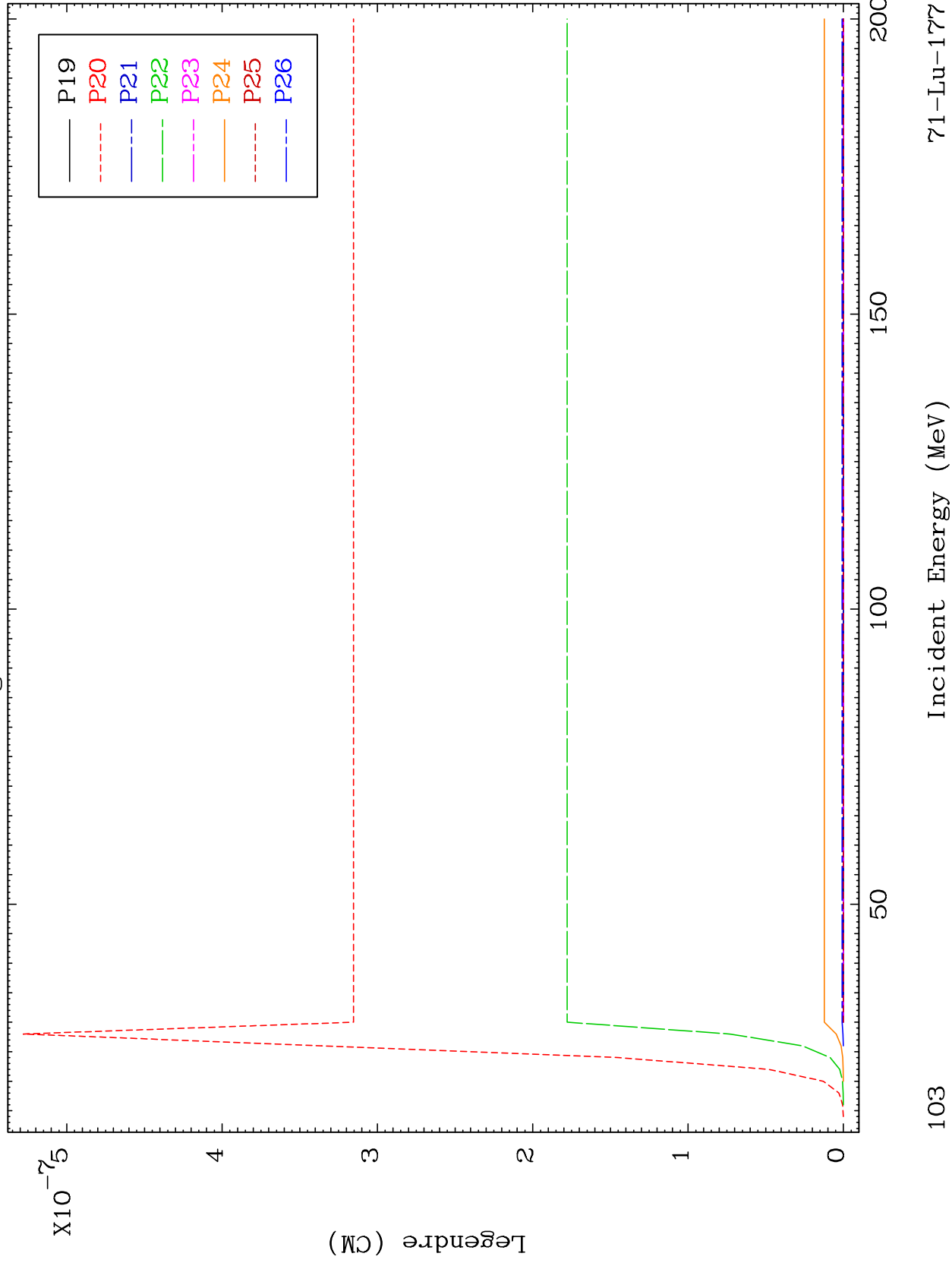
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

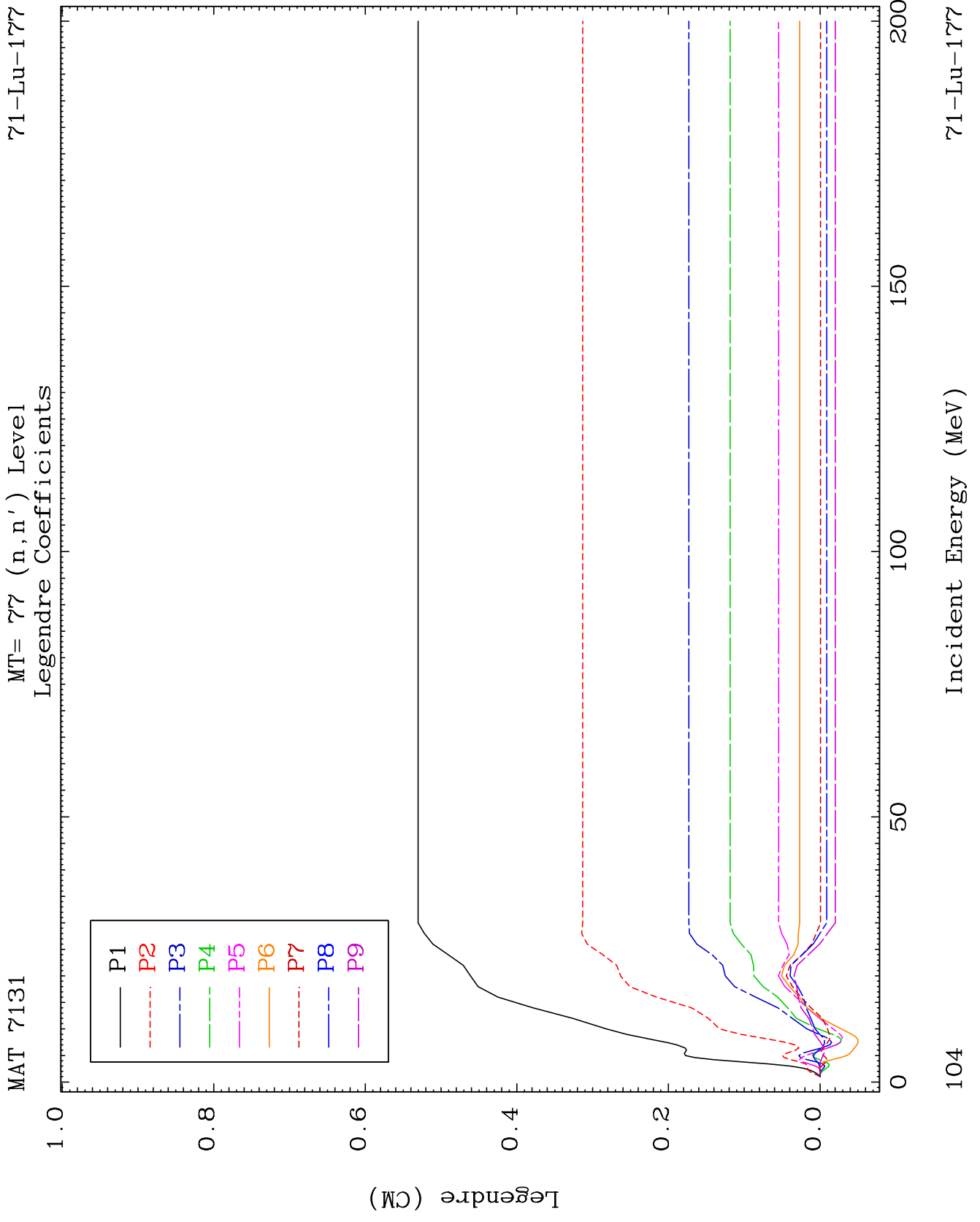
71-Lu-177

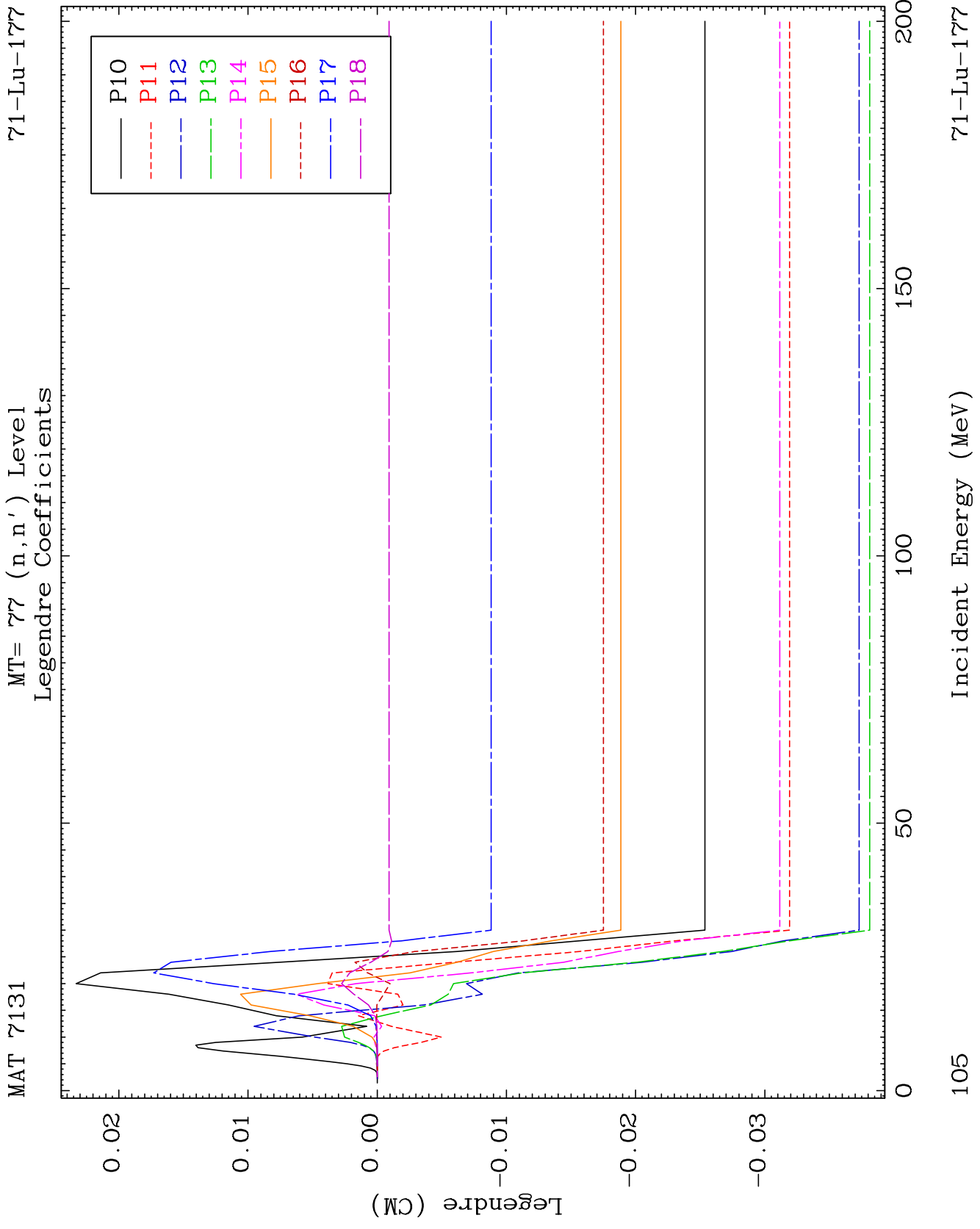


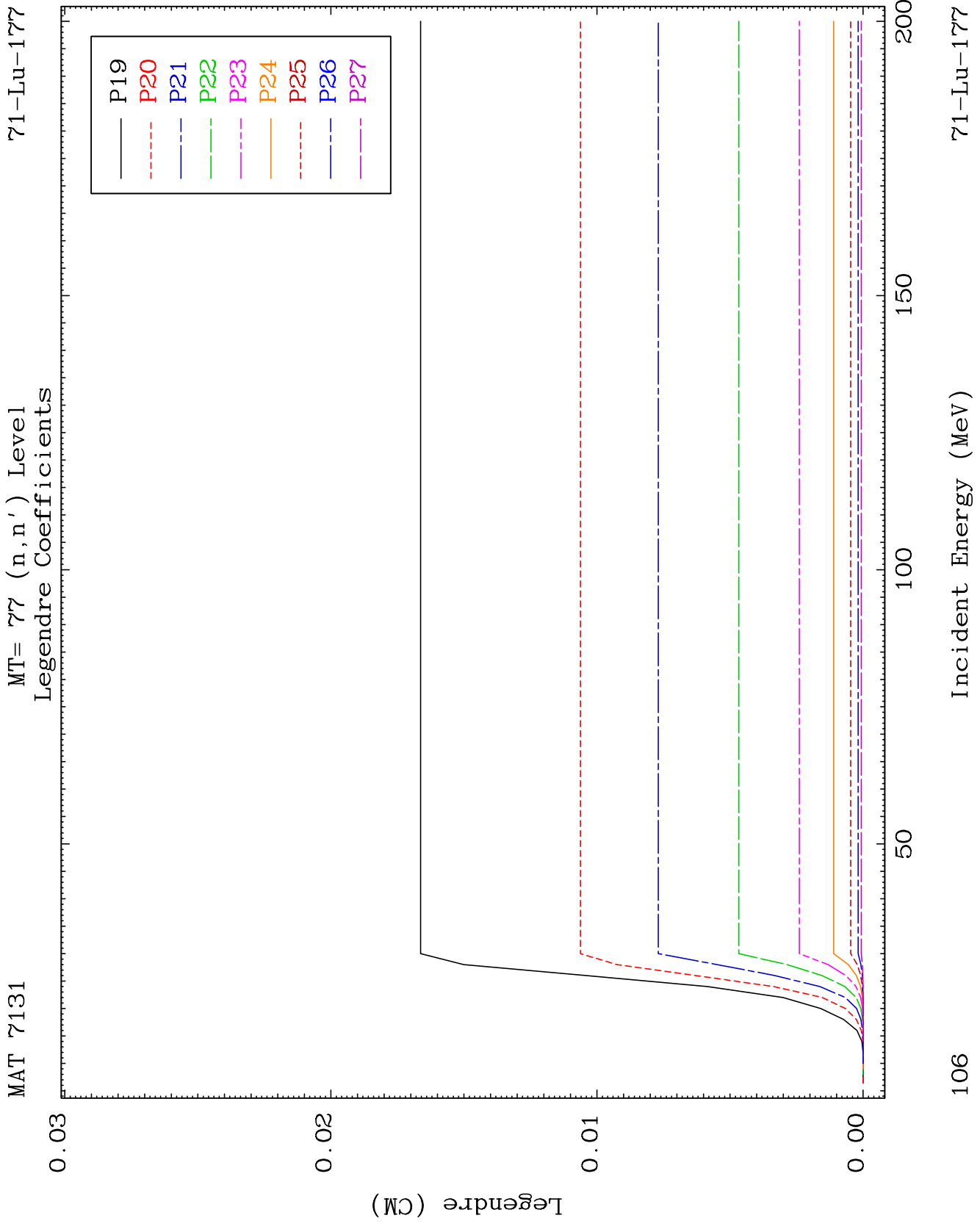
103

Incident Energy (MeV)

71-Lu-177



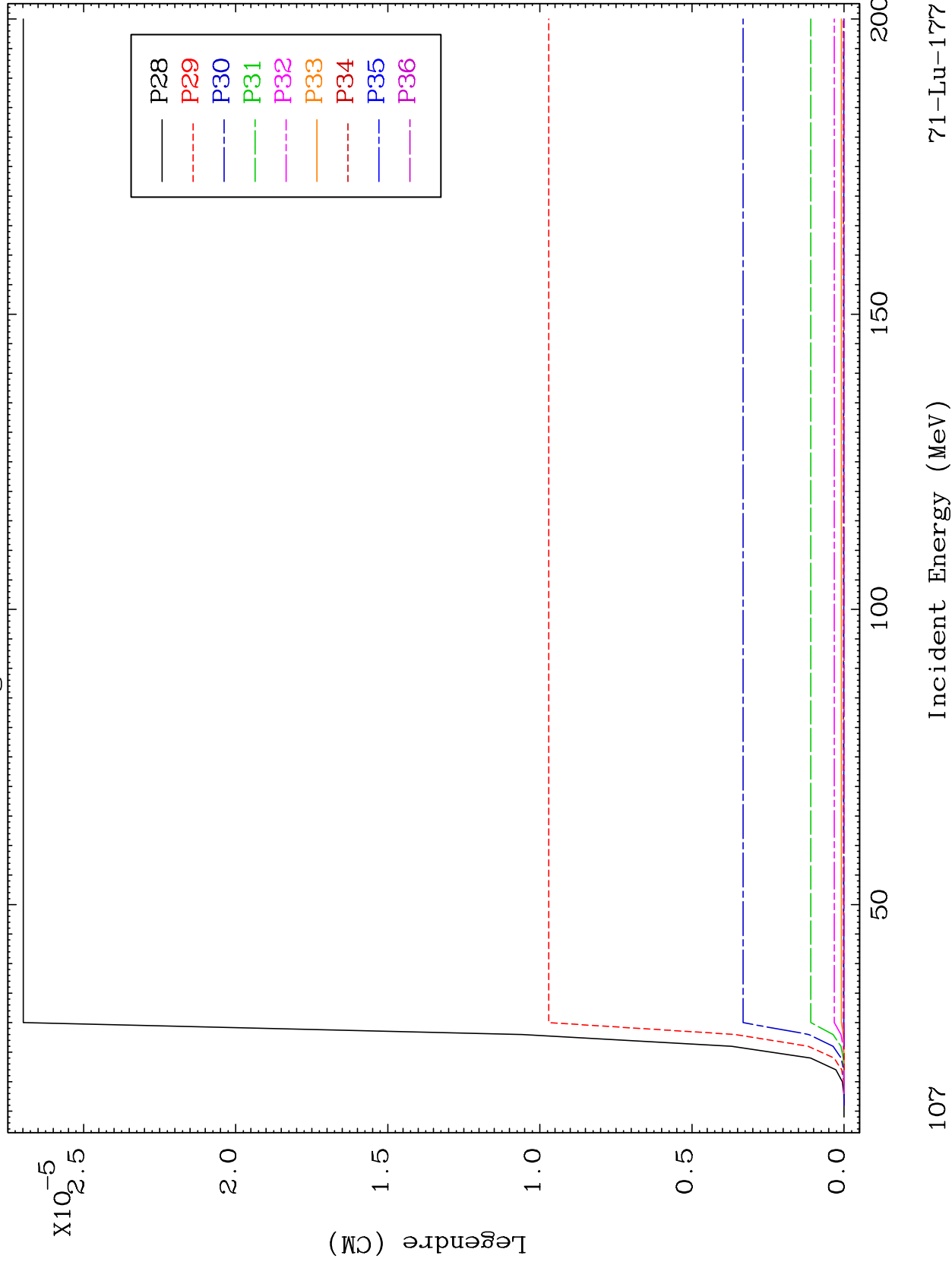




MAT 7131

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

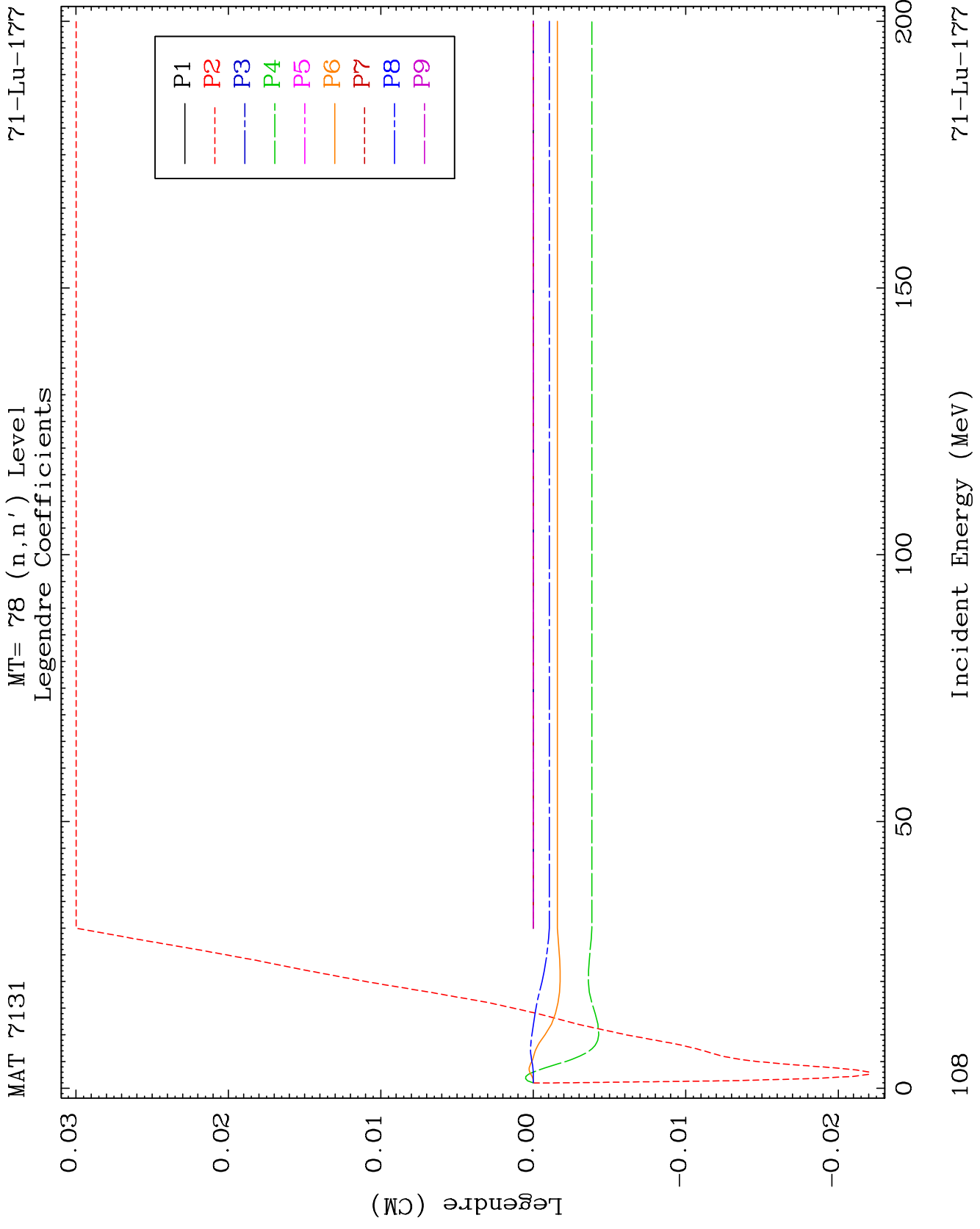
71-Lu-177



107

Incident Energy (MeV)

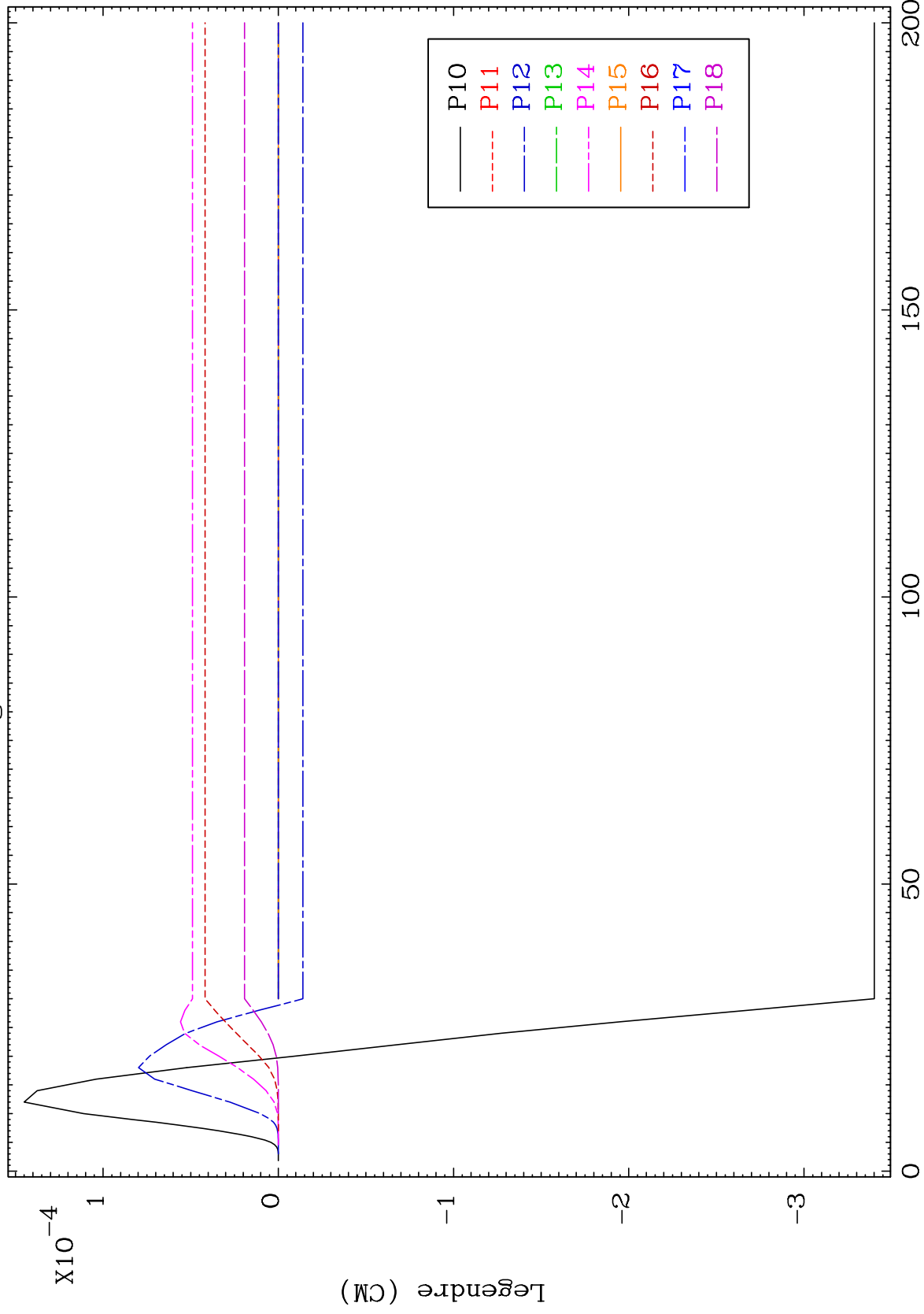
71-Lu-177



MAT 7131

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

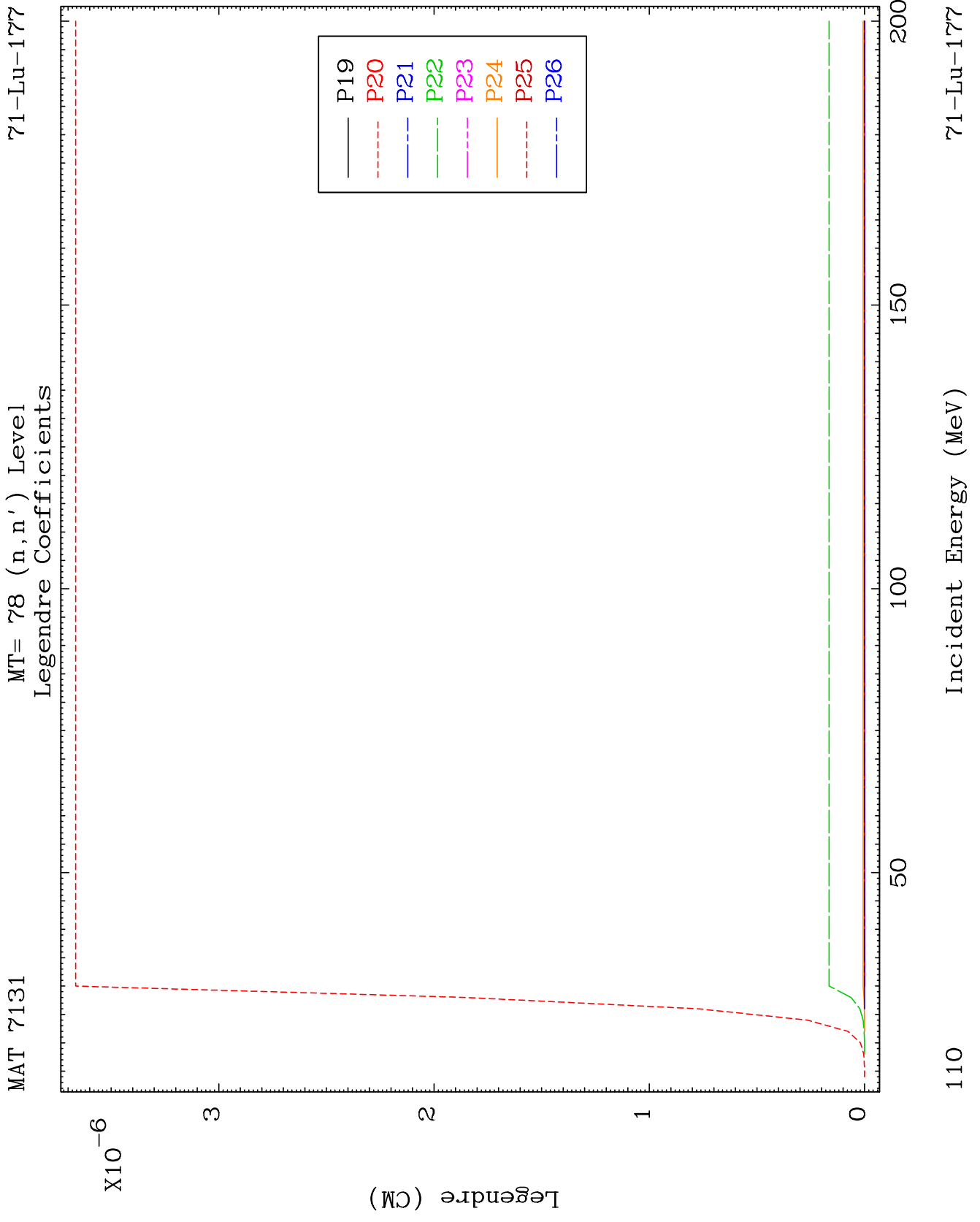
71-Lu-177



109

Incident Energy (MeV)

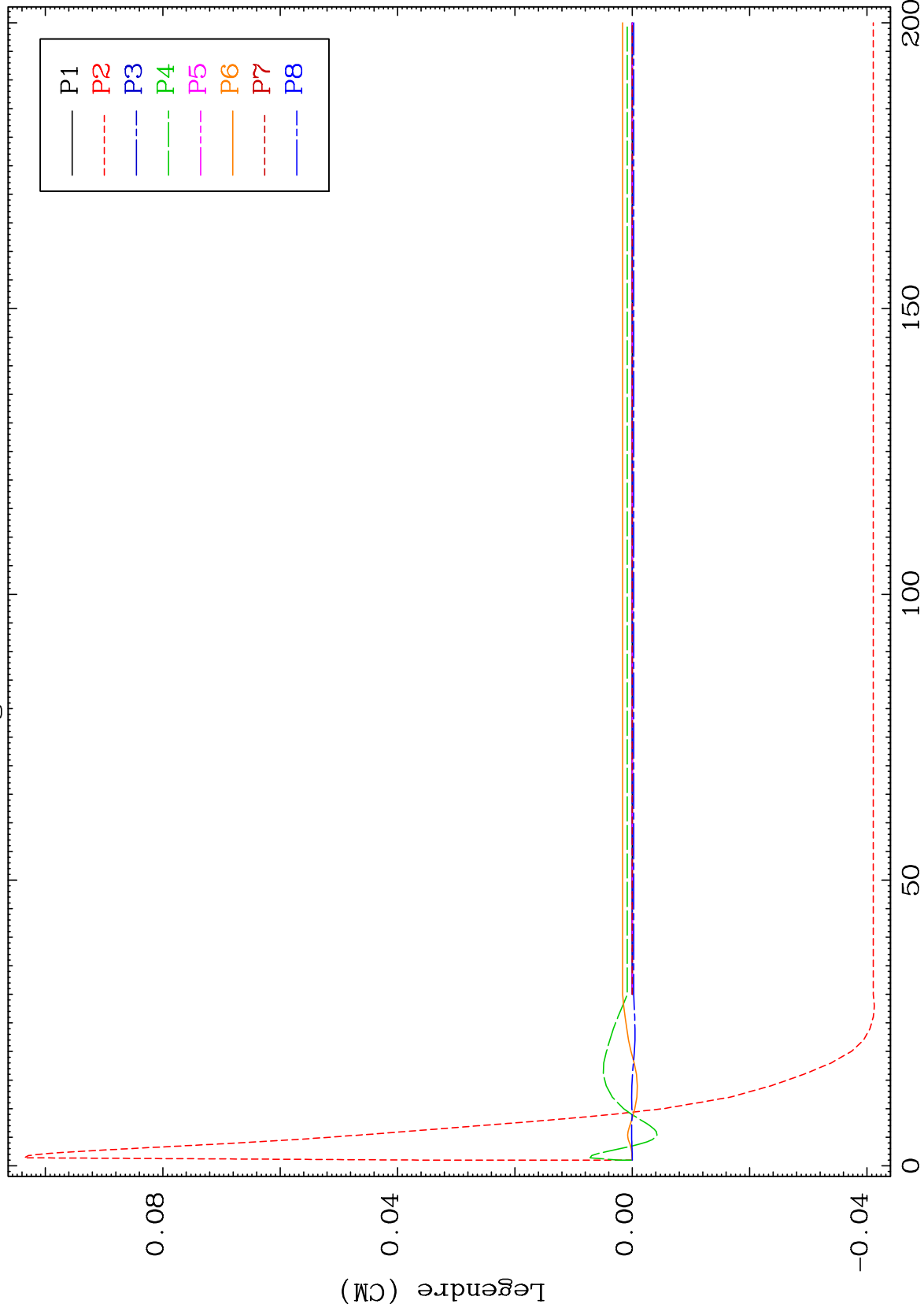
71-Lu-177



MAT 7131

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

71-Lu-177



111

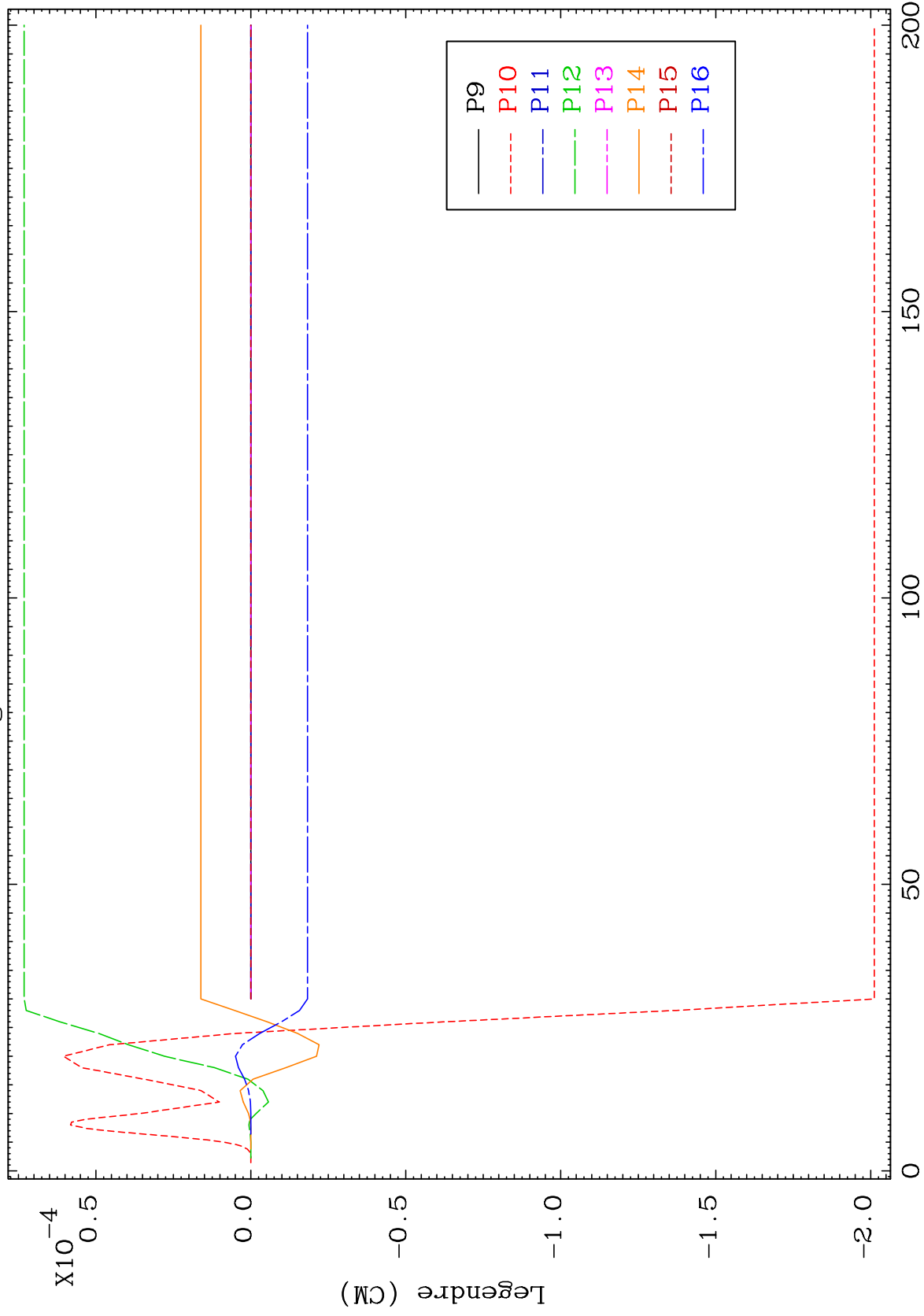
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



112

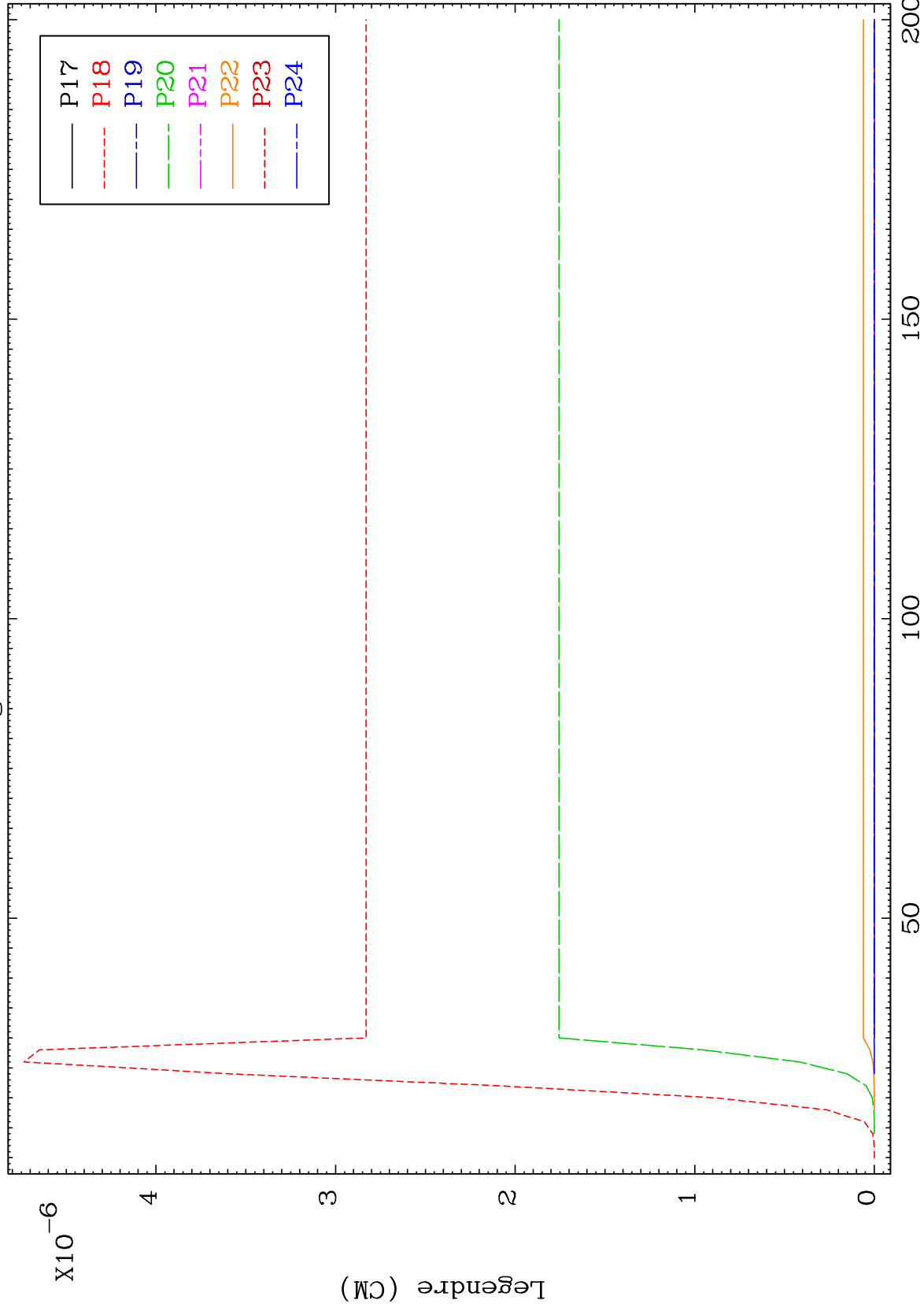
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

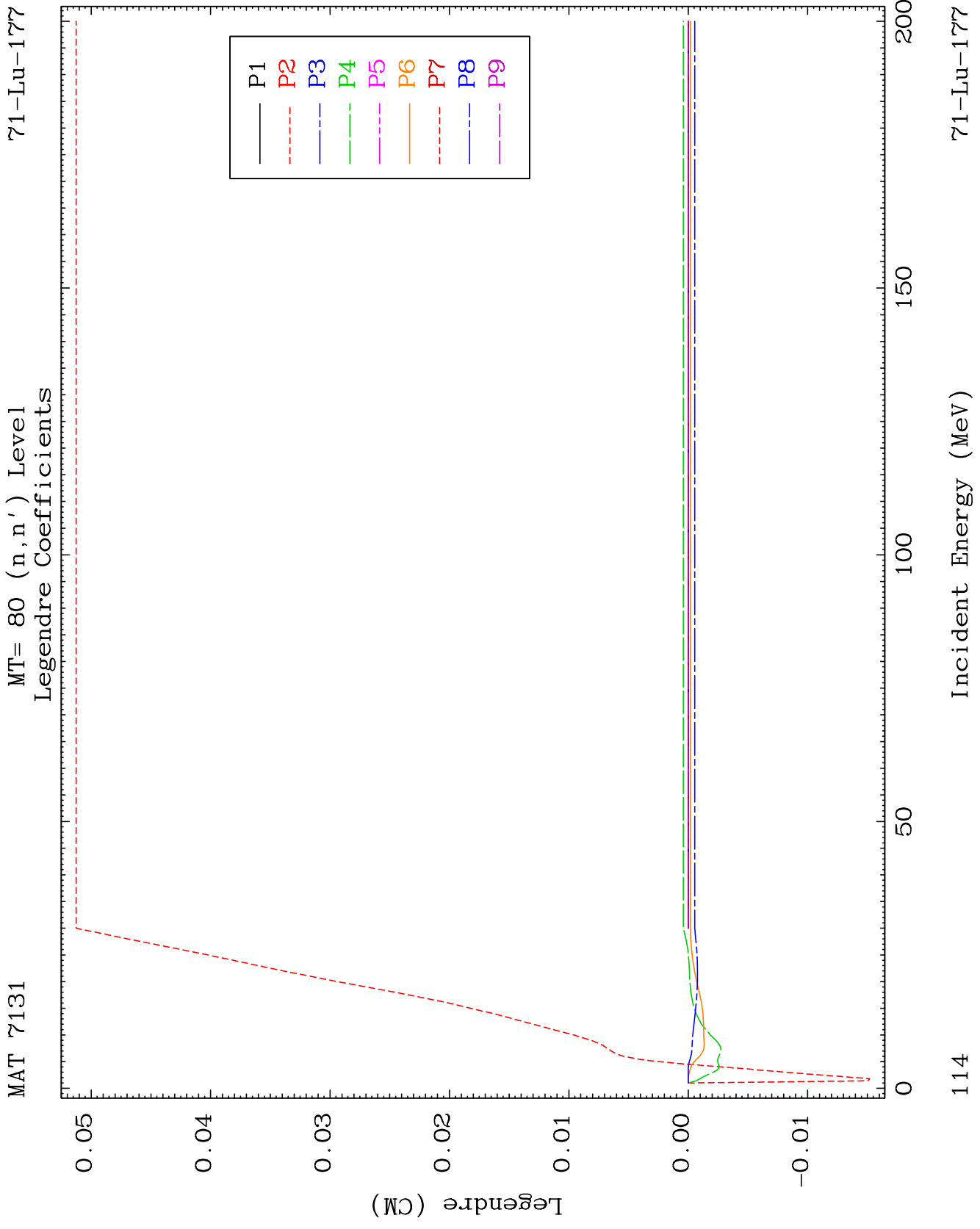
71-Lu-177



113

Incident Energy (MeV)

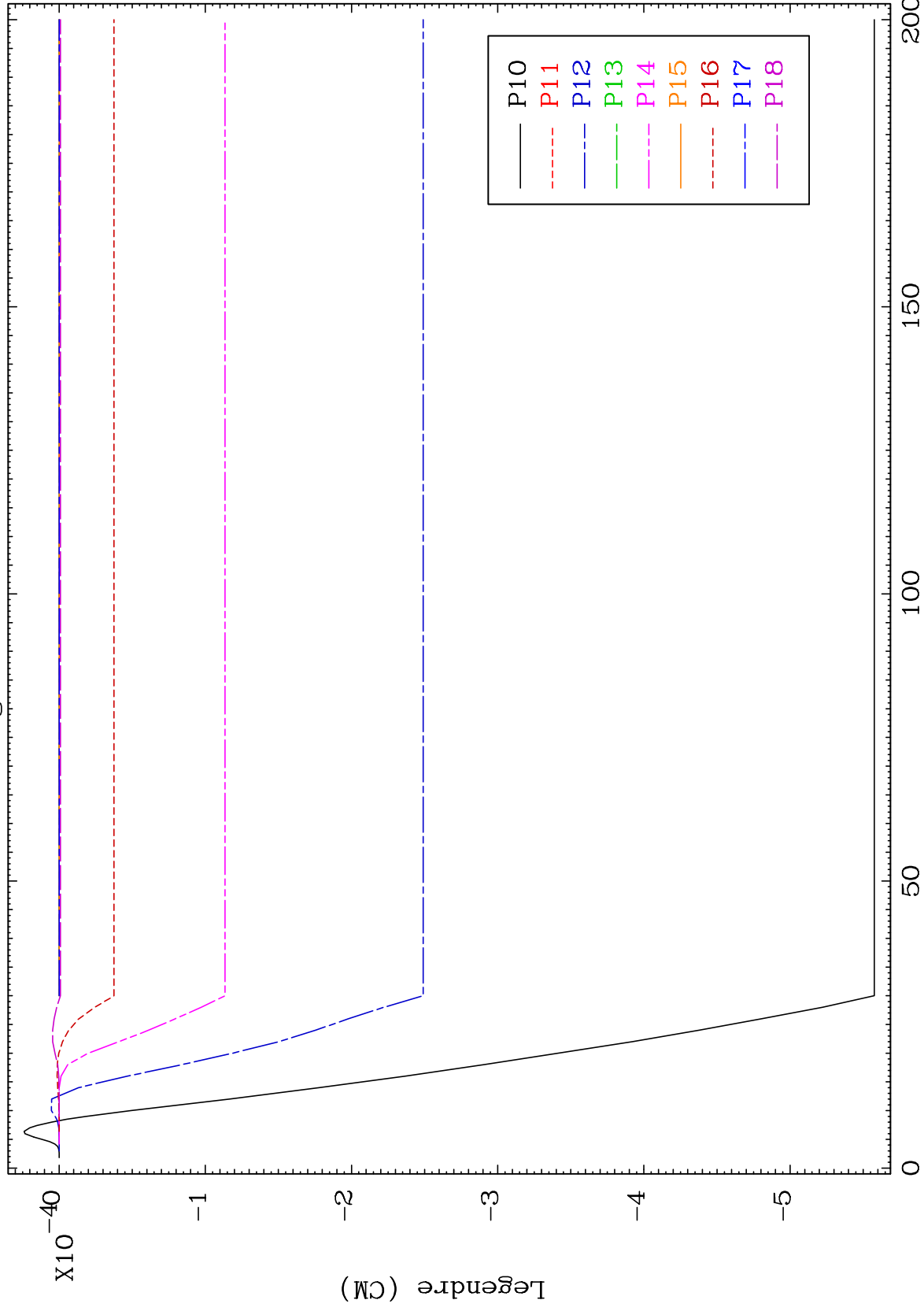
71-Lu-177



MAT 7131

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

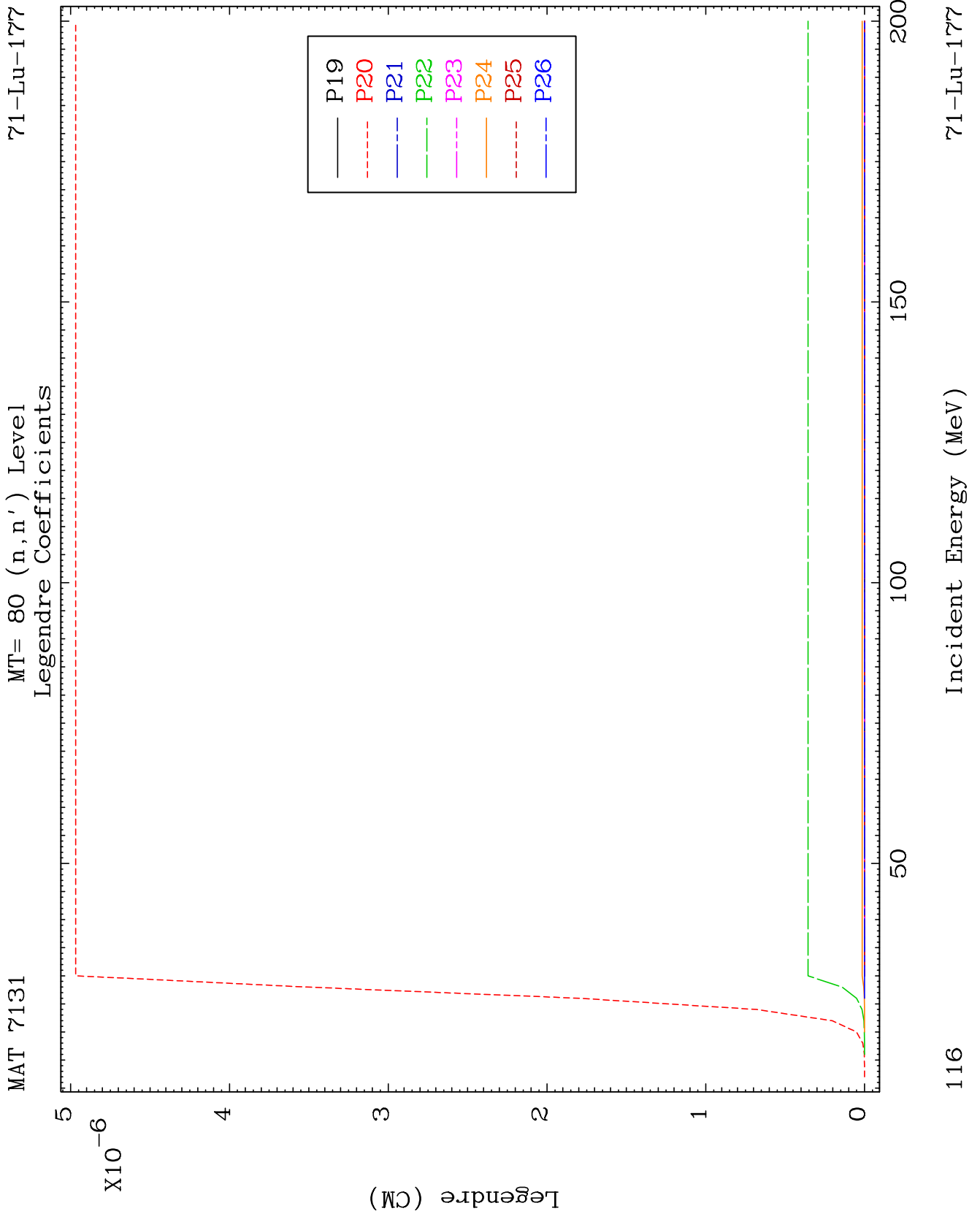
71-Lu-177



115

Incident Energy (MeV)

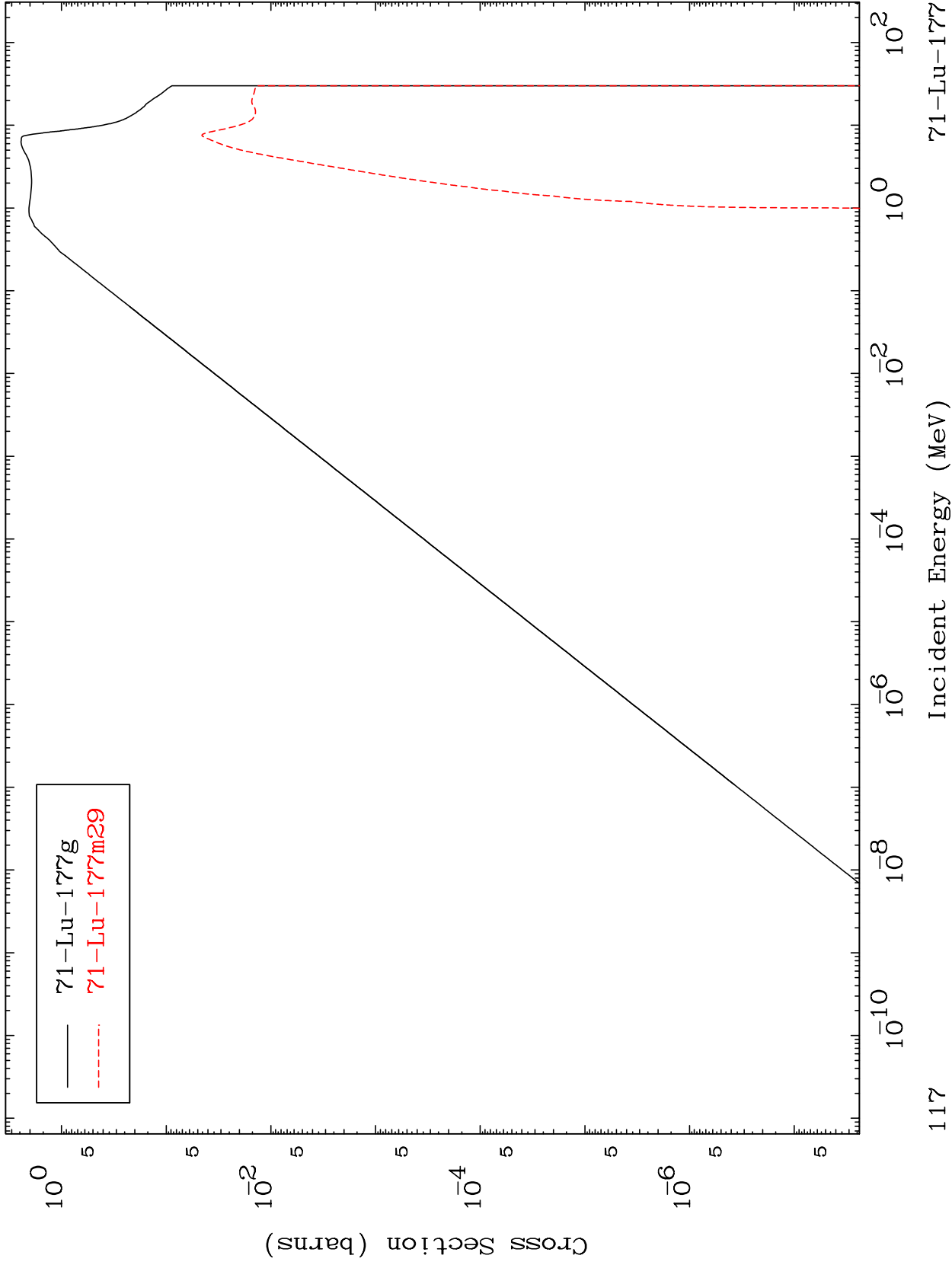
71-Lu-177



MAT 7131

Inelastic  
Radionuclide Production Cross Section

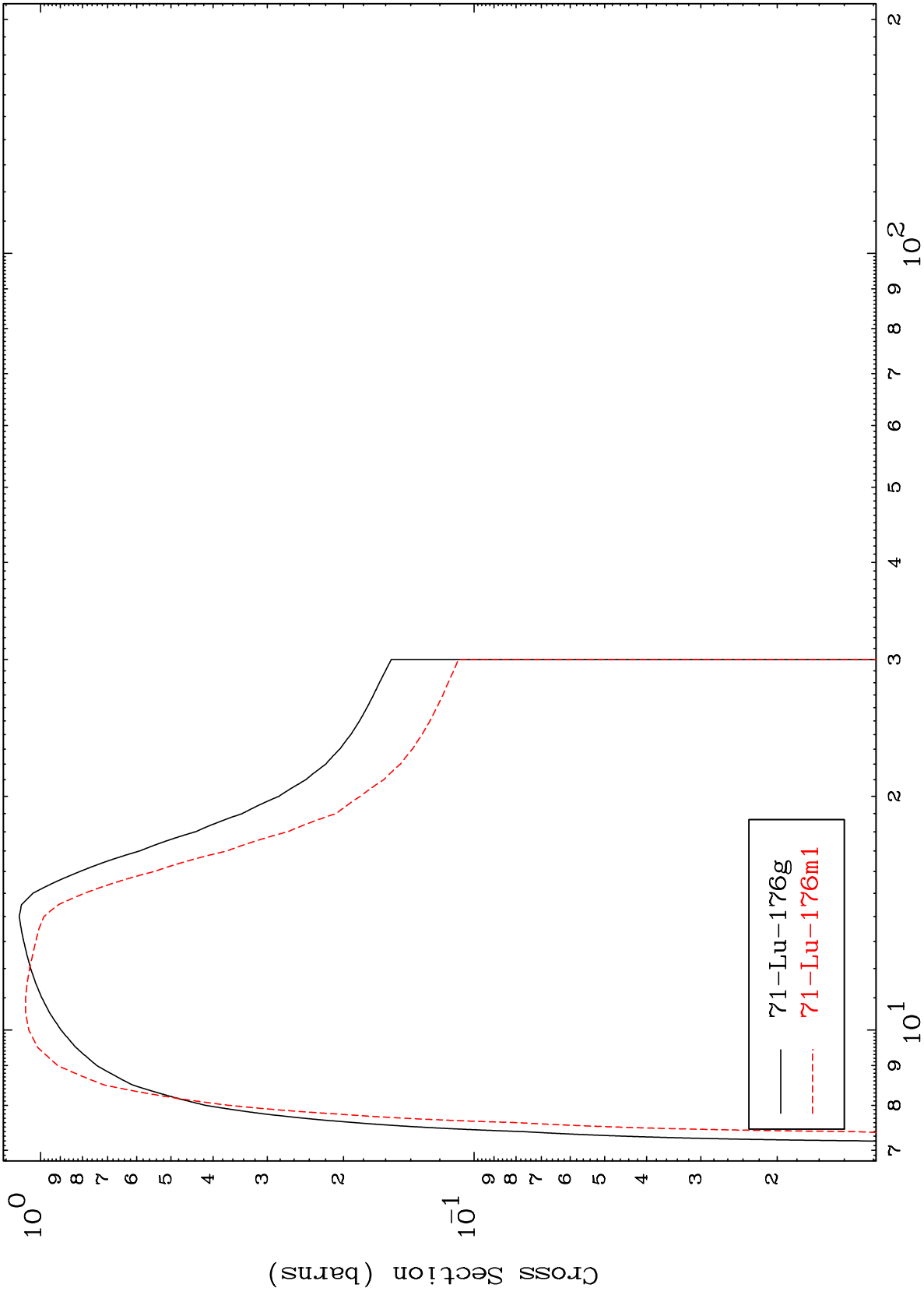
71-Lu-177



MAT 7131

<sup>71</sup>Lu-177

(n,2n)  
Radionuclide Production Cross Section



<sup>71</sup>Lu-177

Incident Energy (MeV)

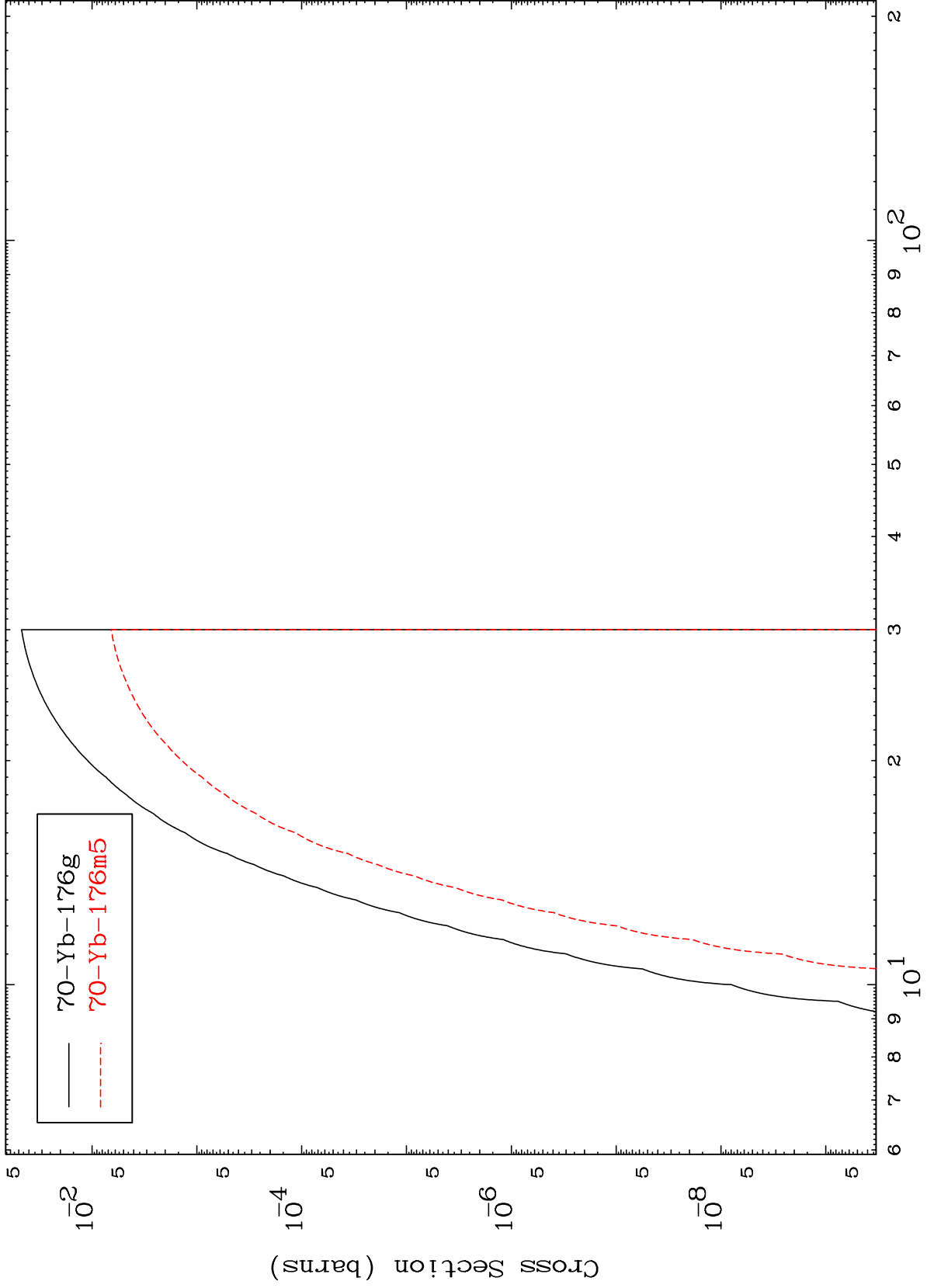
118

MAT 7131

(n,n') p

71-Lu-177

Radionuclide Production Cross Section



70-Yb-176g  
70-Yb-176m5

119

Incident Energy (MeV)

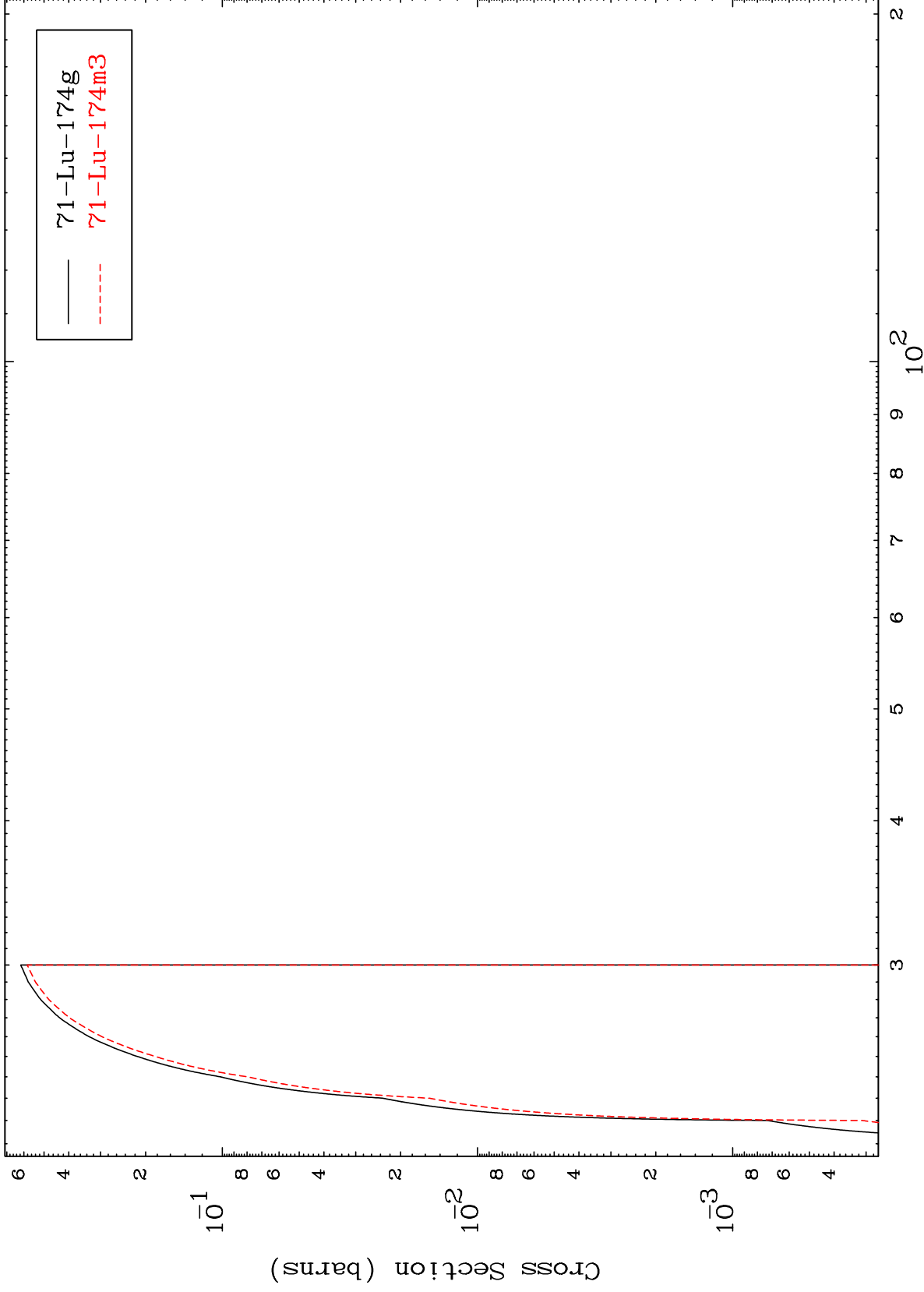
71-Lu-177

MAT 7131

(n,4n)

71-Lu-177

Radionuclide Production Cross Section



120

Incident Energy (MeV)

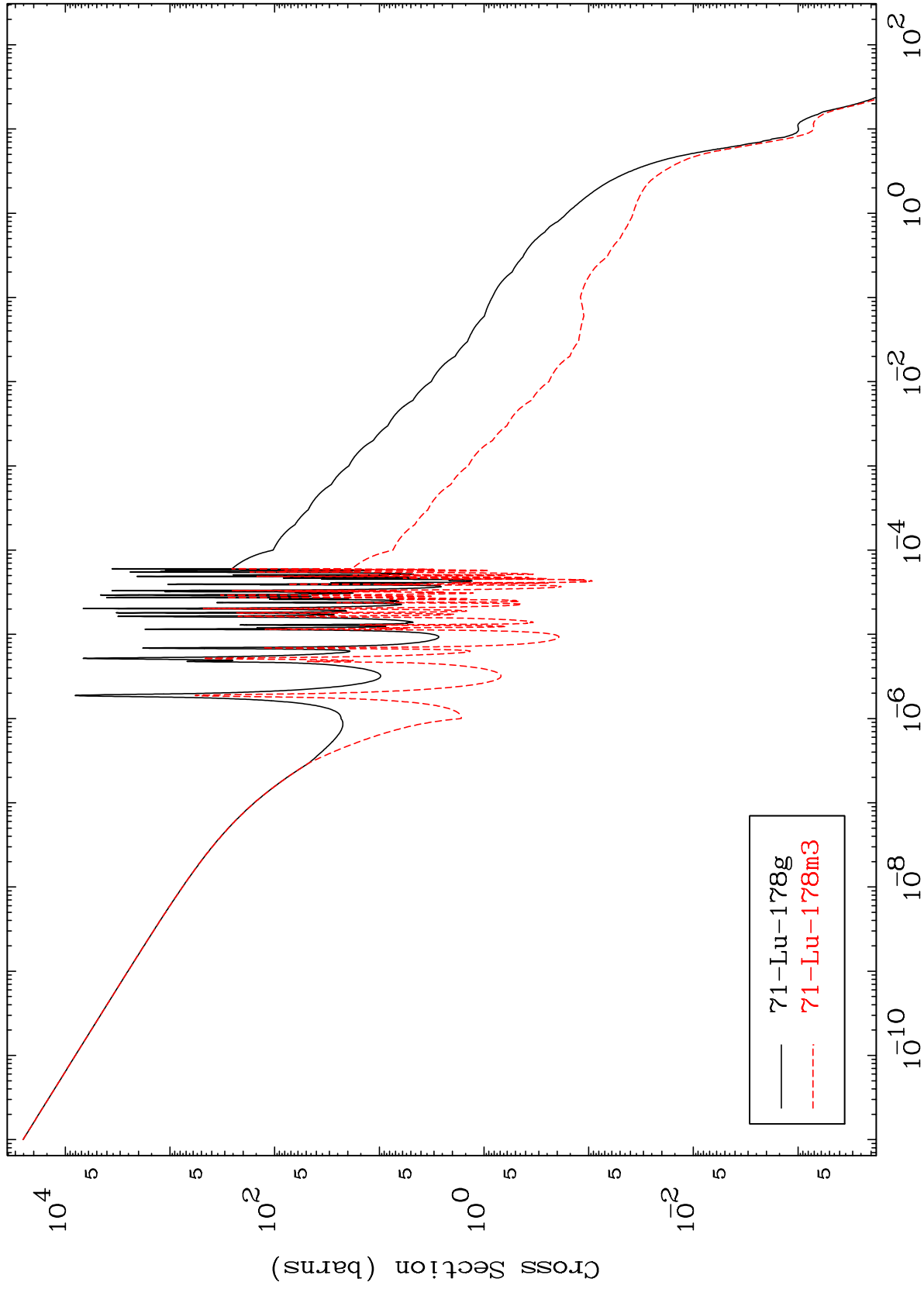
71-Lu-177

MAT 7131

71-Lu-177

Radionuclide Production Cross Section

(n,  $\gamma$ )



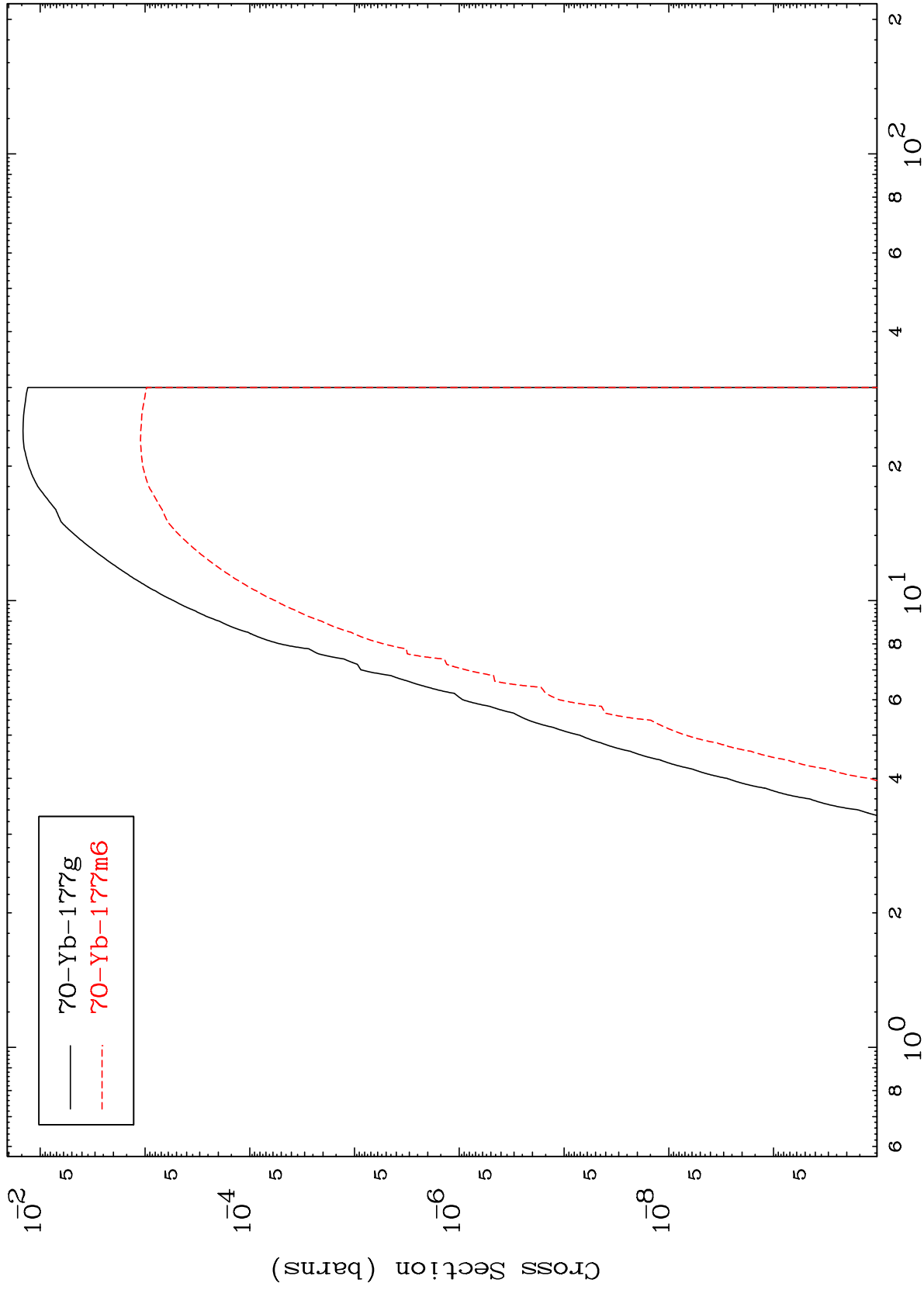
121

71-Lu-177

MAT 7131

<sup>71</sup>Lu-177

(n,p)  
Radionuclide Production Cross Section



122

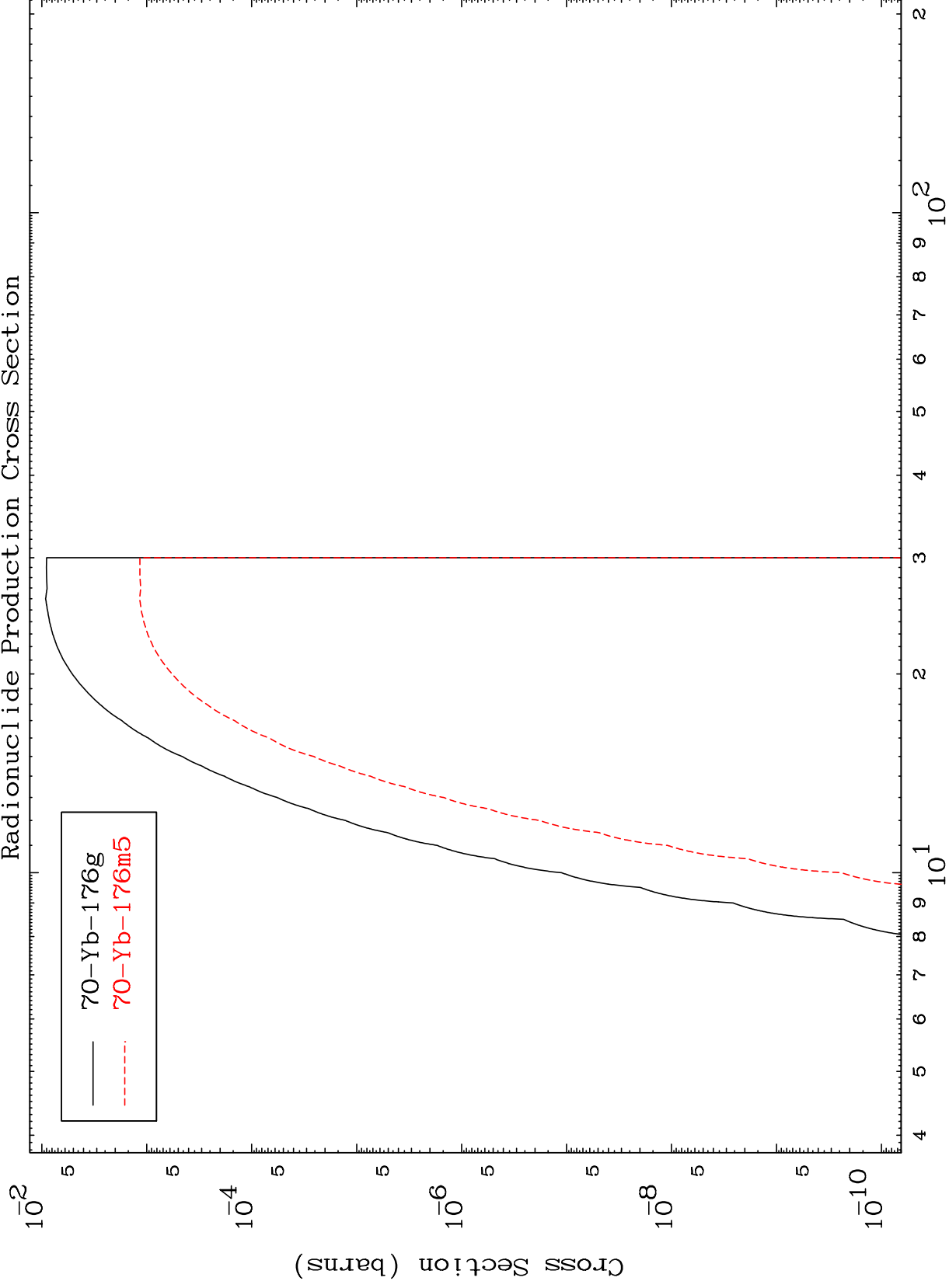
Incident Energy (MeV)

<sup>71</sup>Lu-177

MAT 7131

71-Lu-177

Radionuclide Production Cross Section



71-Lu-177

Incident Energy (MeV)

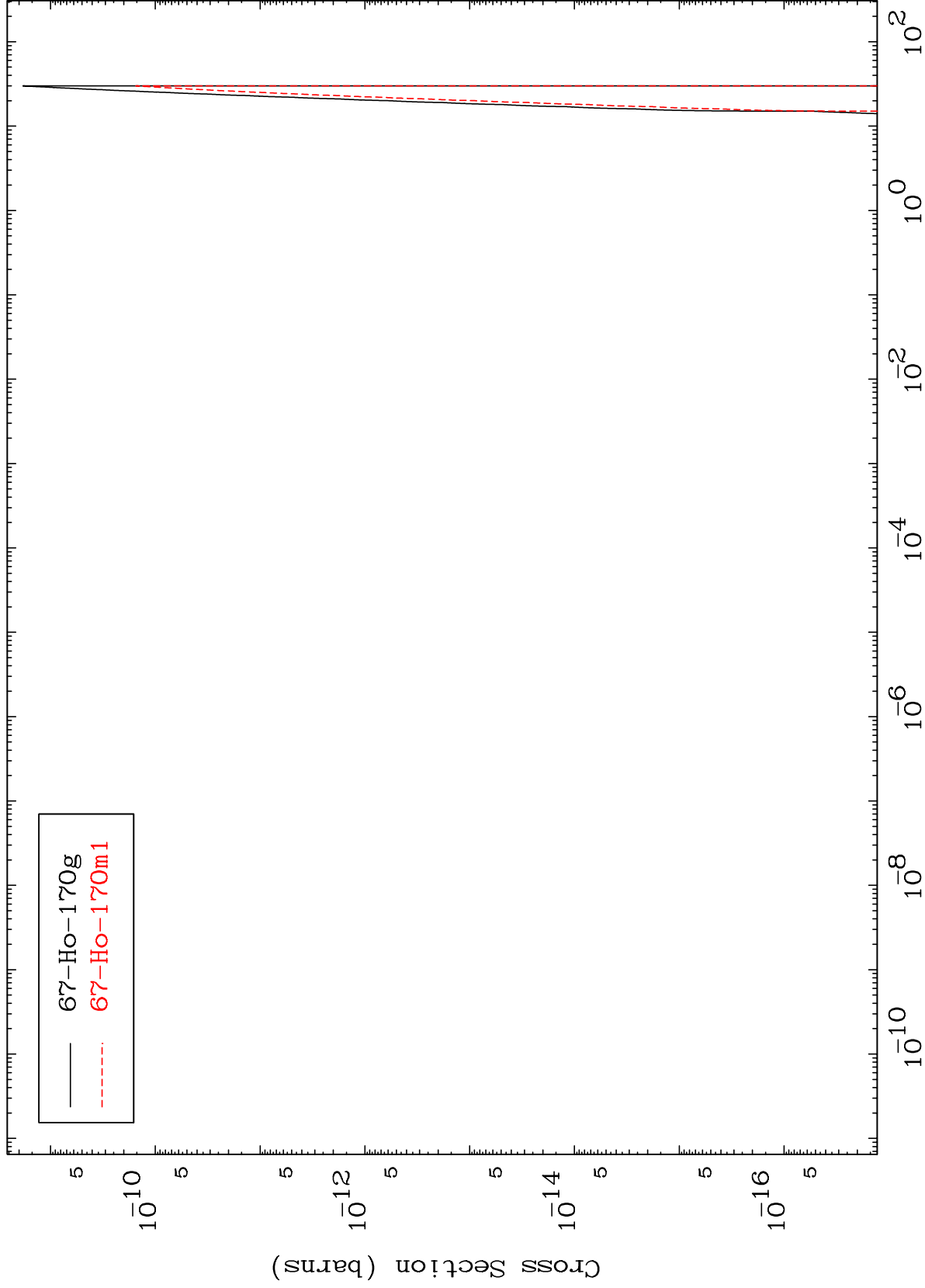
123

MAT 7131

(n,2α)

71-Lu-177

Radionuclide Production Cross Section



124

Incident Energy (MeV)

71-Lu-177