

Program EVALPLOT  
(Version 2021-1)

by

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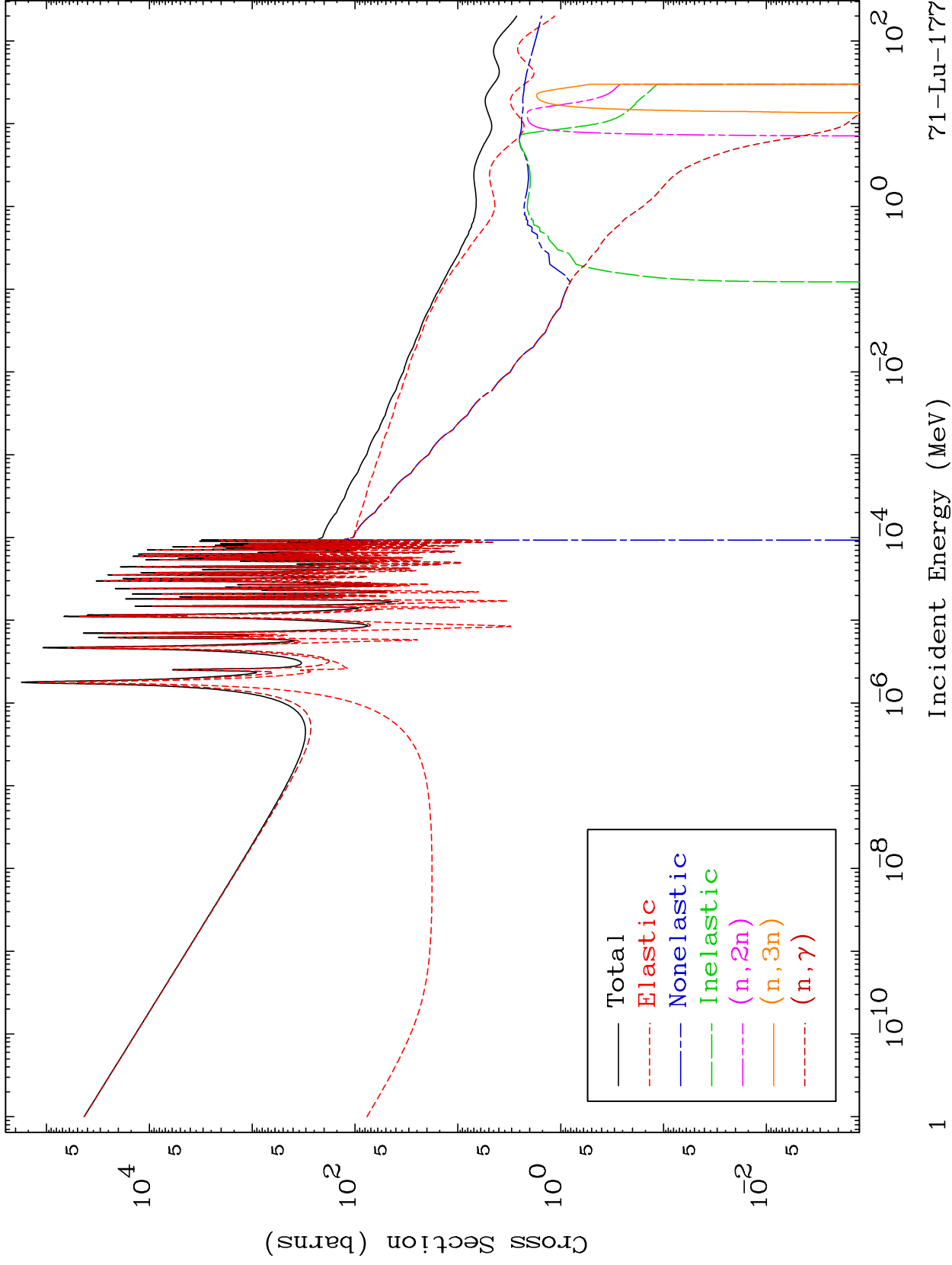
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Press Mouse Button to Start

MAT 7131

Neutron Major  
293 Kelvin Cross Sections

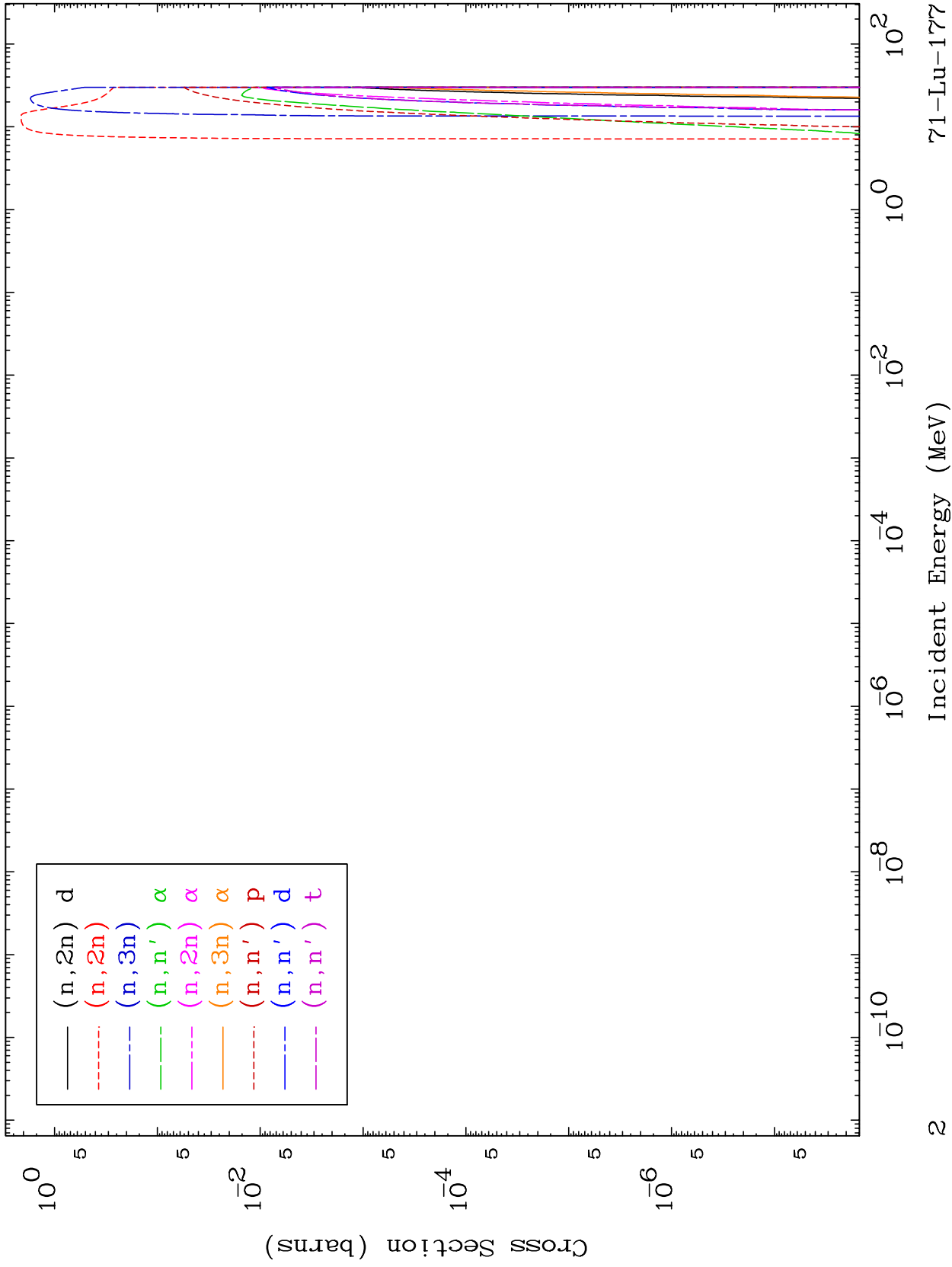
71-Lu-177



MAT 7131

Neutron Absorption  
293 Kelvin Cross Sections

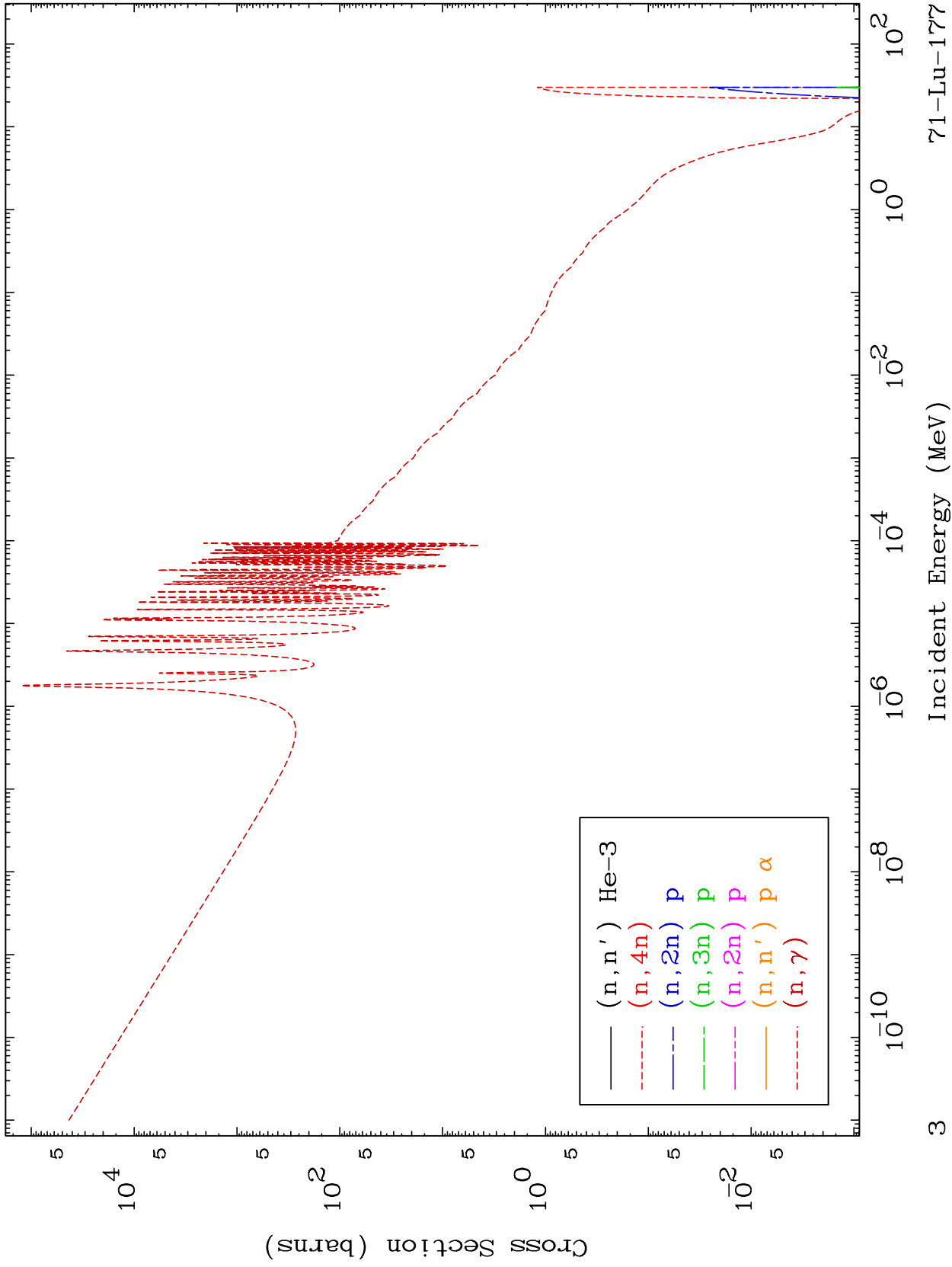
71-Lu-177



MAT 7131

Neutron Absorption  
293 Kelvin Cross Sections

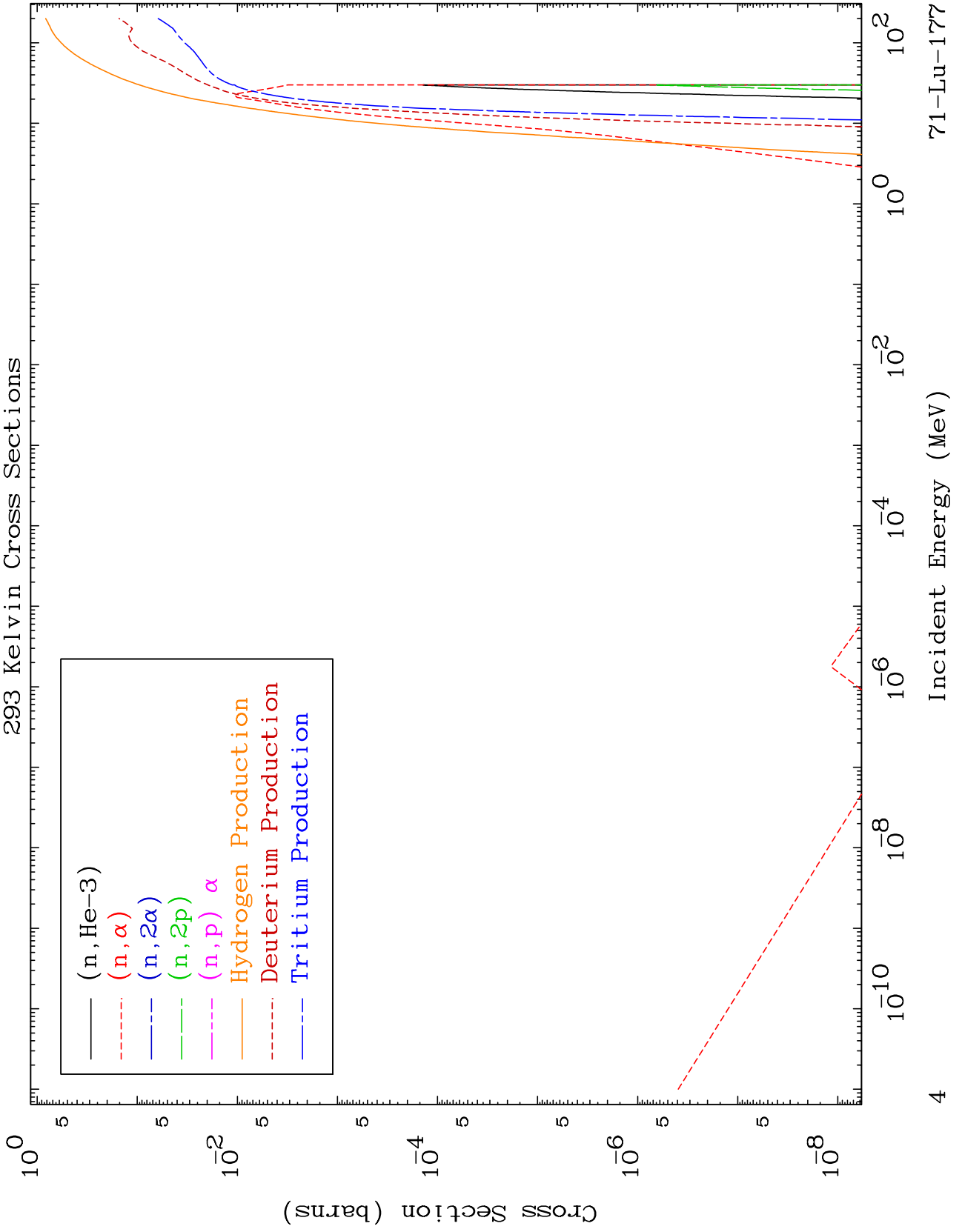
71-Lu-177



MAT 7131

Neutron Absorption  
293 Kelvin Cross Sections

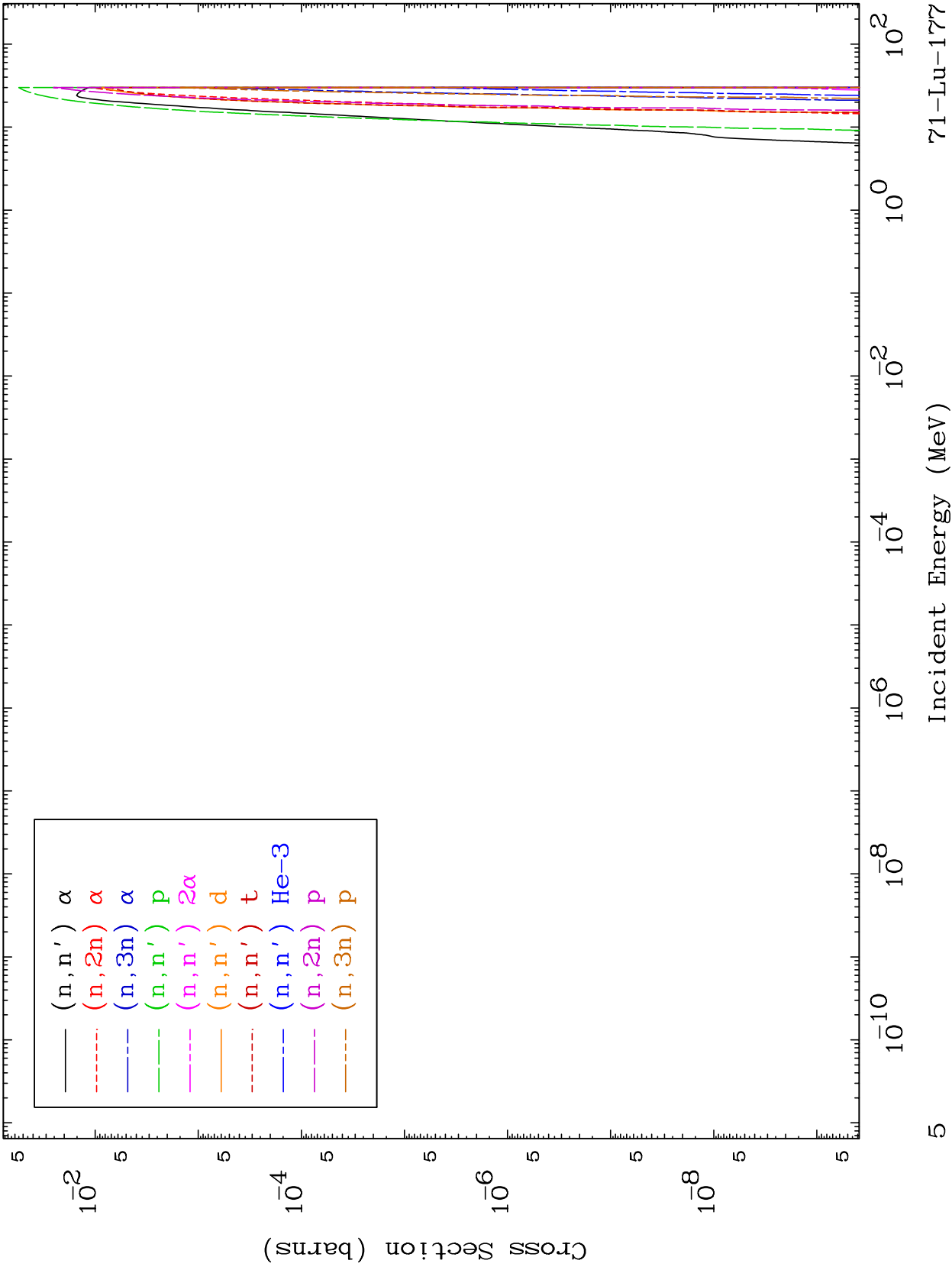
71-Lu-177



MAT 7131

Charged Particle  
293 Kelvin Cross Sections

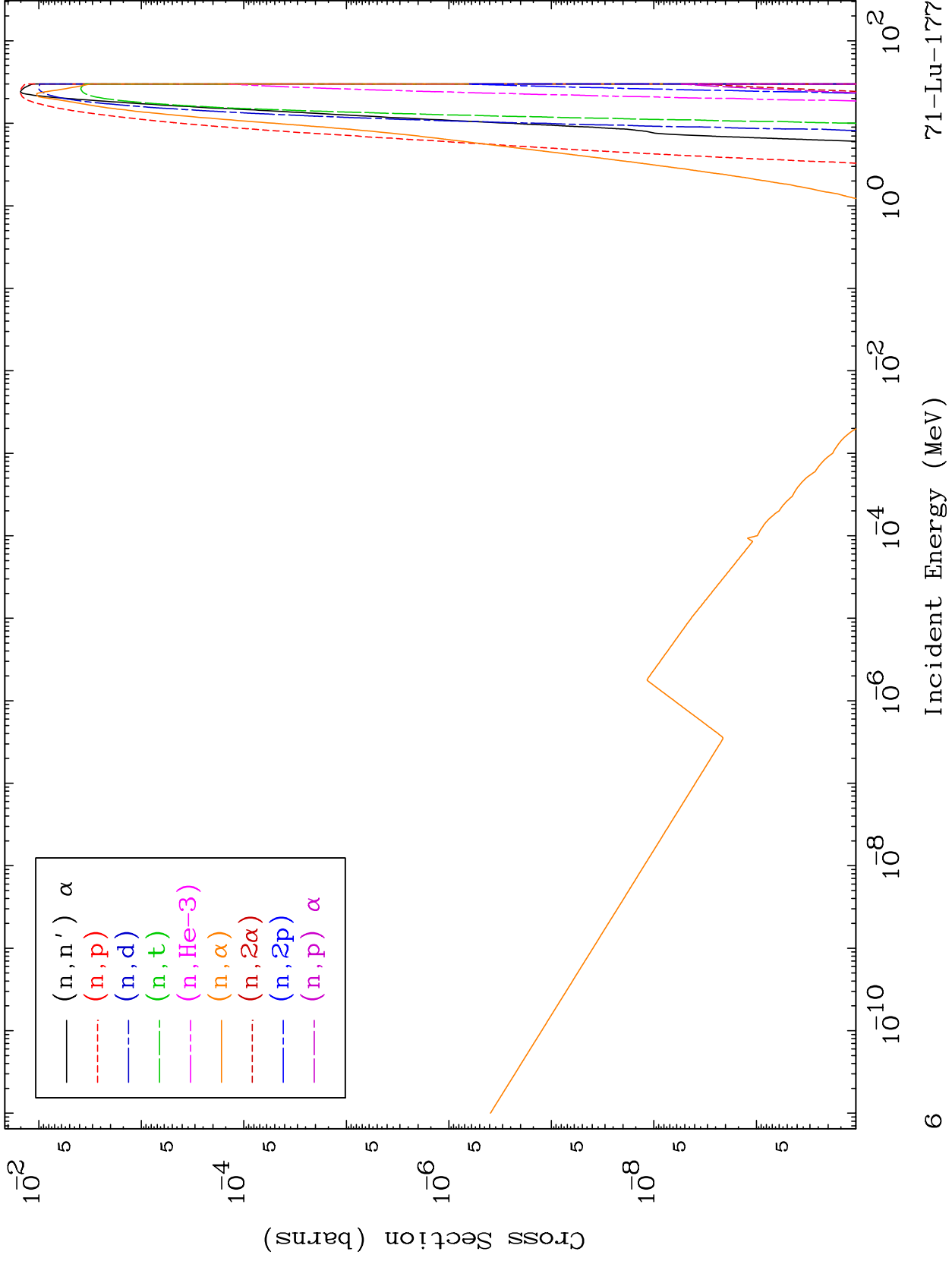
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MAT 7131

Charged Particle  
293 Kelvin Cross Sections

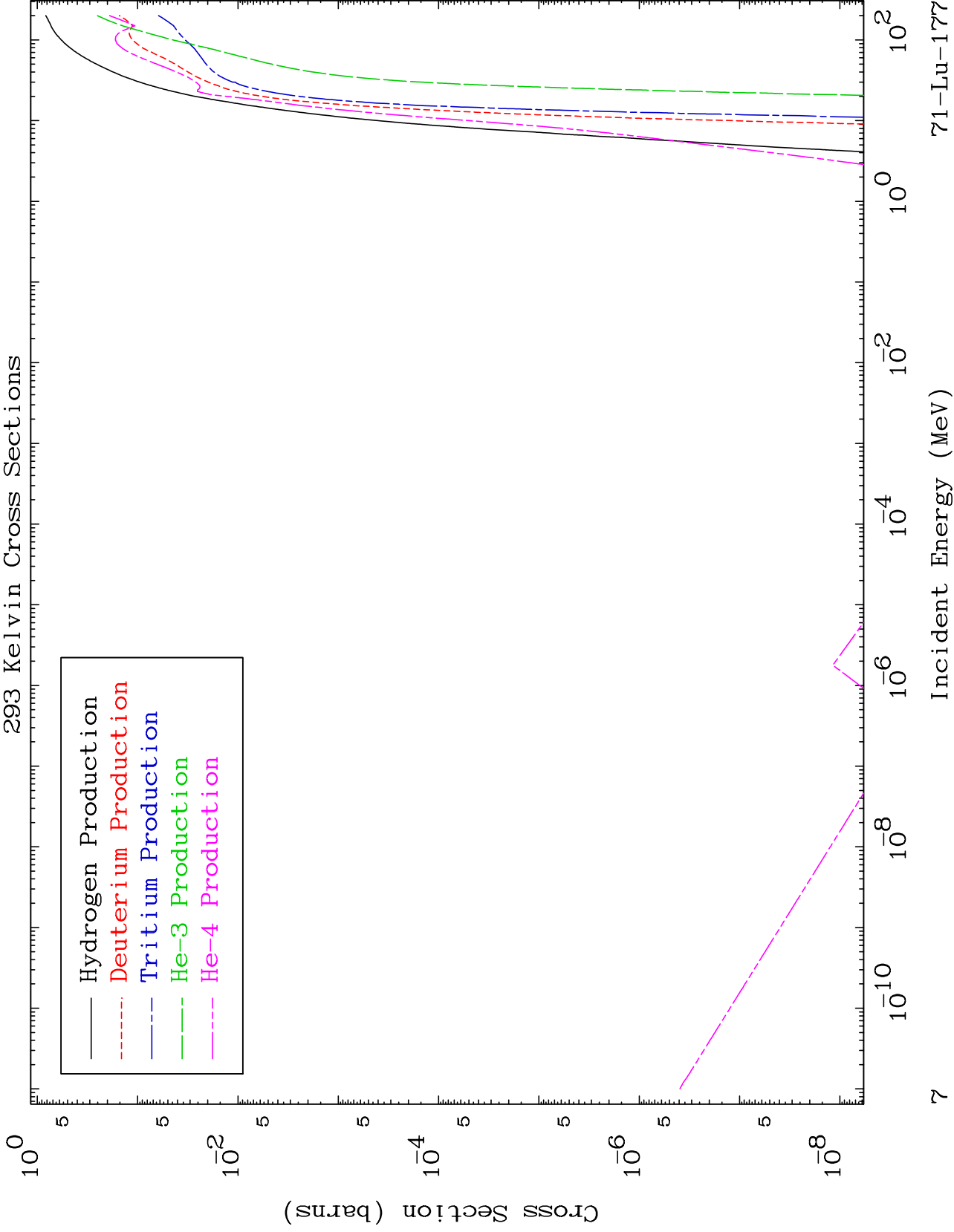
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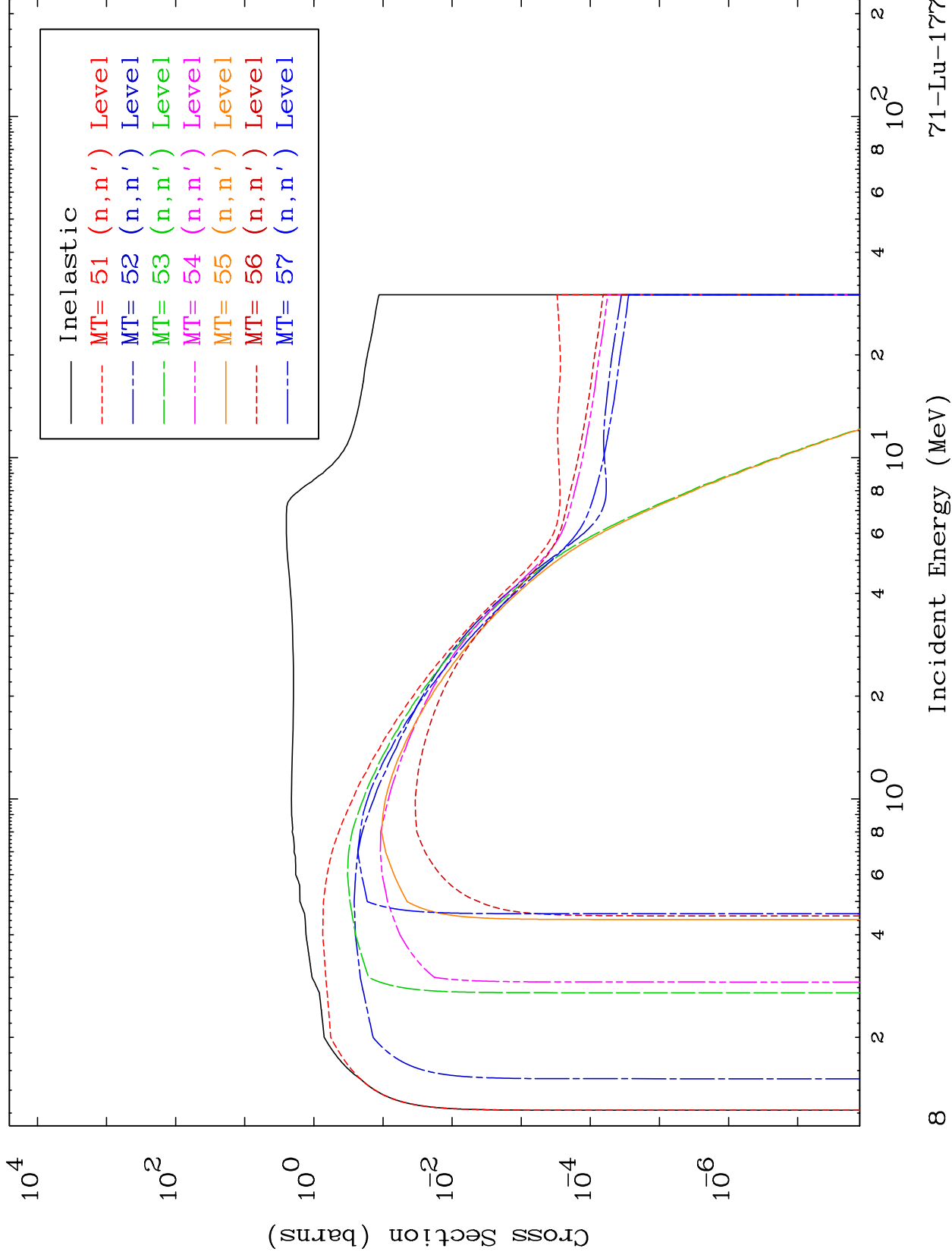


MAT 7131

Particle Production  
293 Kelvin Cross Sections

71-Lu-177



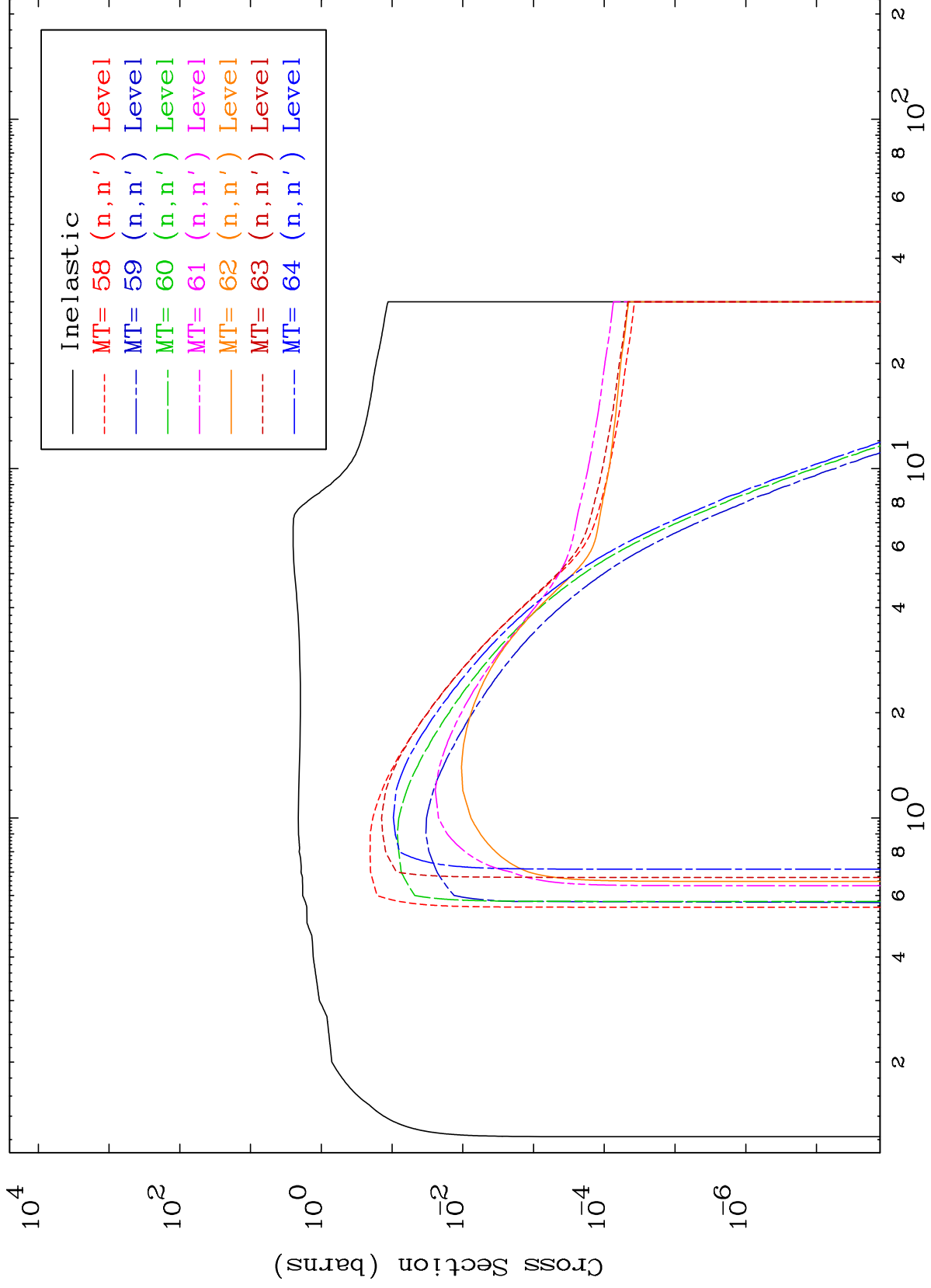


MAT 7131

(n,n') Levels

71-Lu-177

293 Kelvin Cross Sections

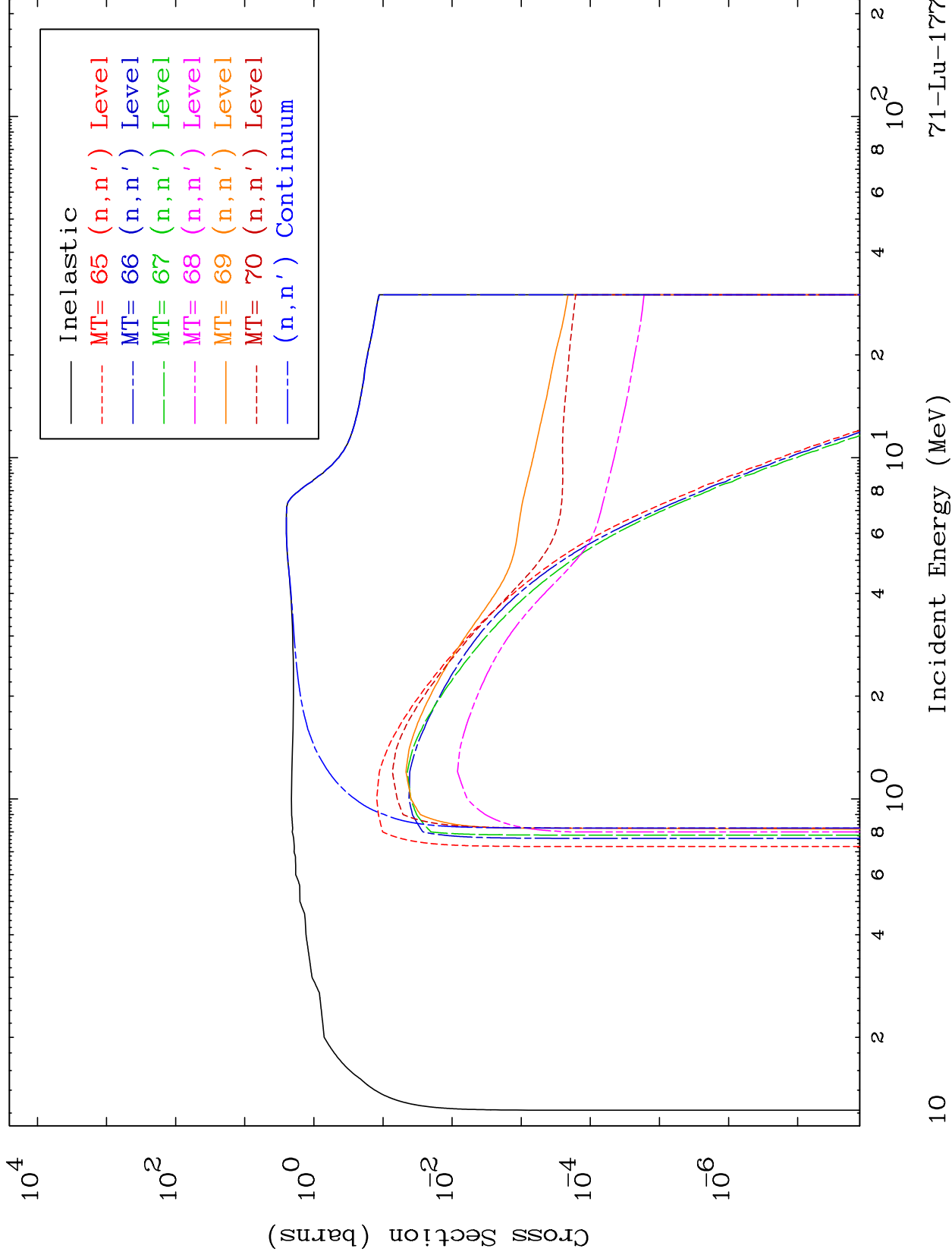


MAT 7131

(n,n') Levels

71-Lu-177

293 Kelvin Cross Sections



10

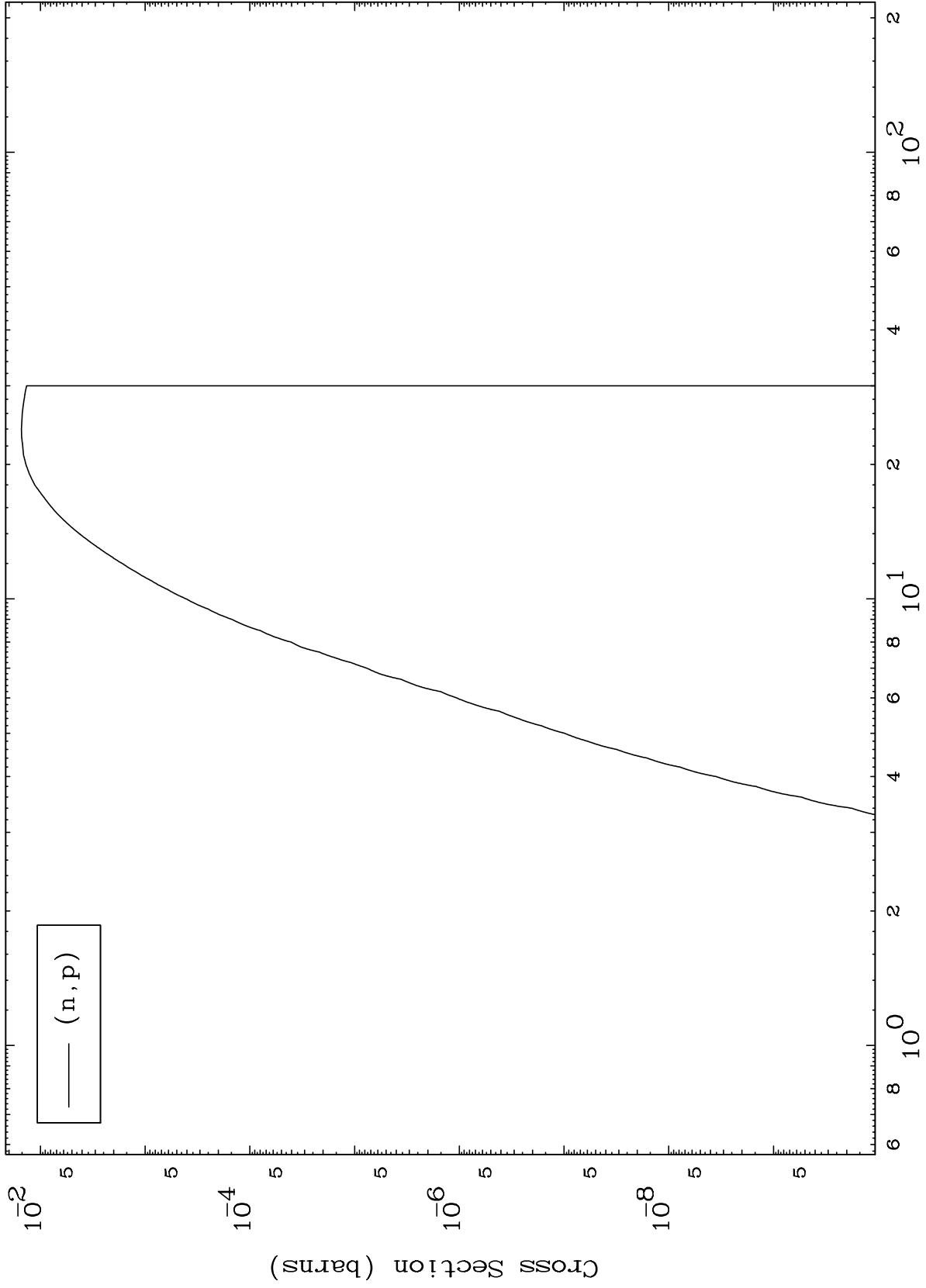
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-177



11

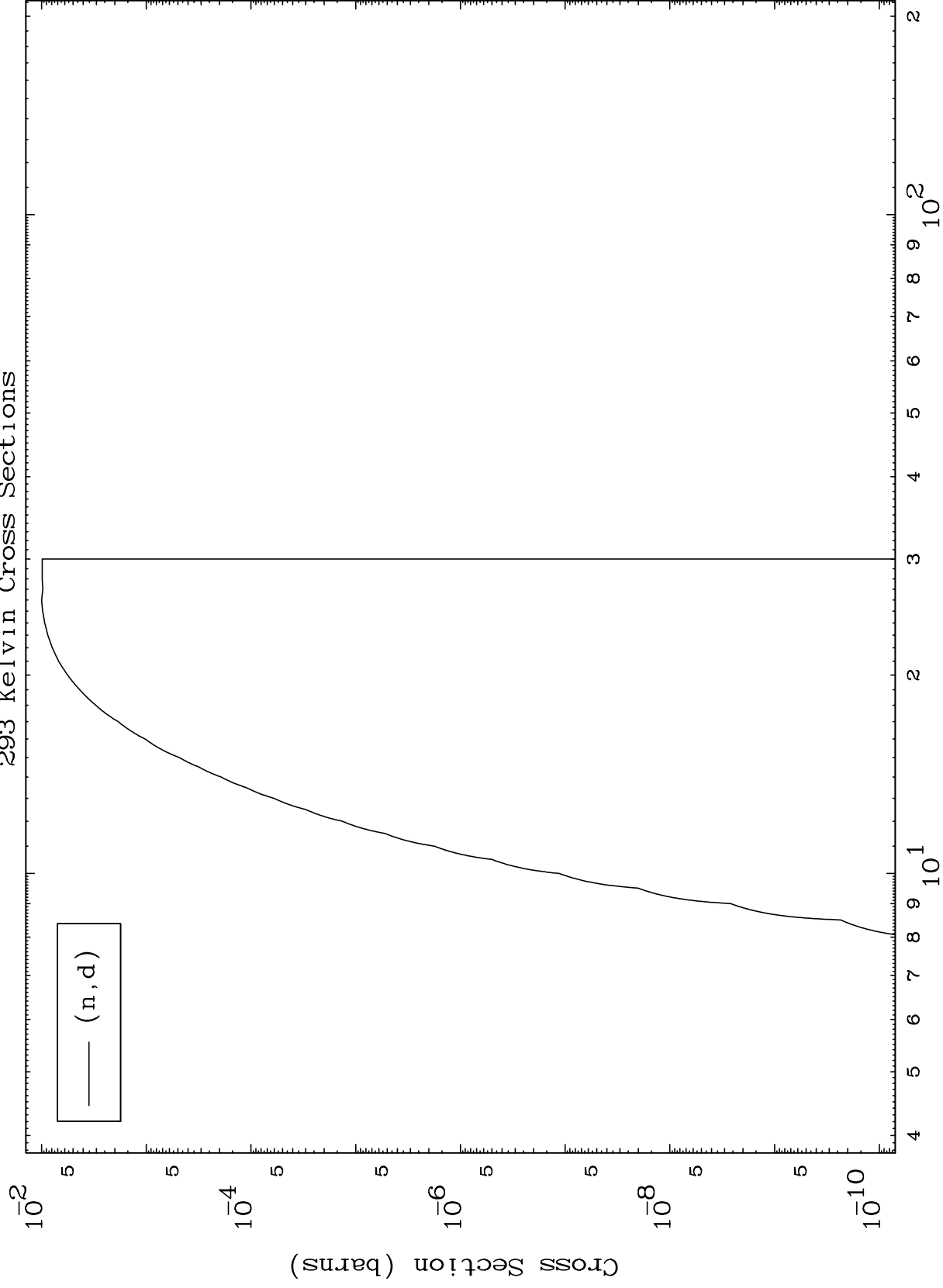
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-177



12

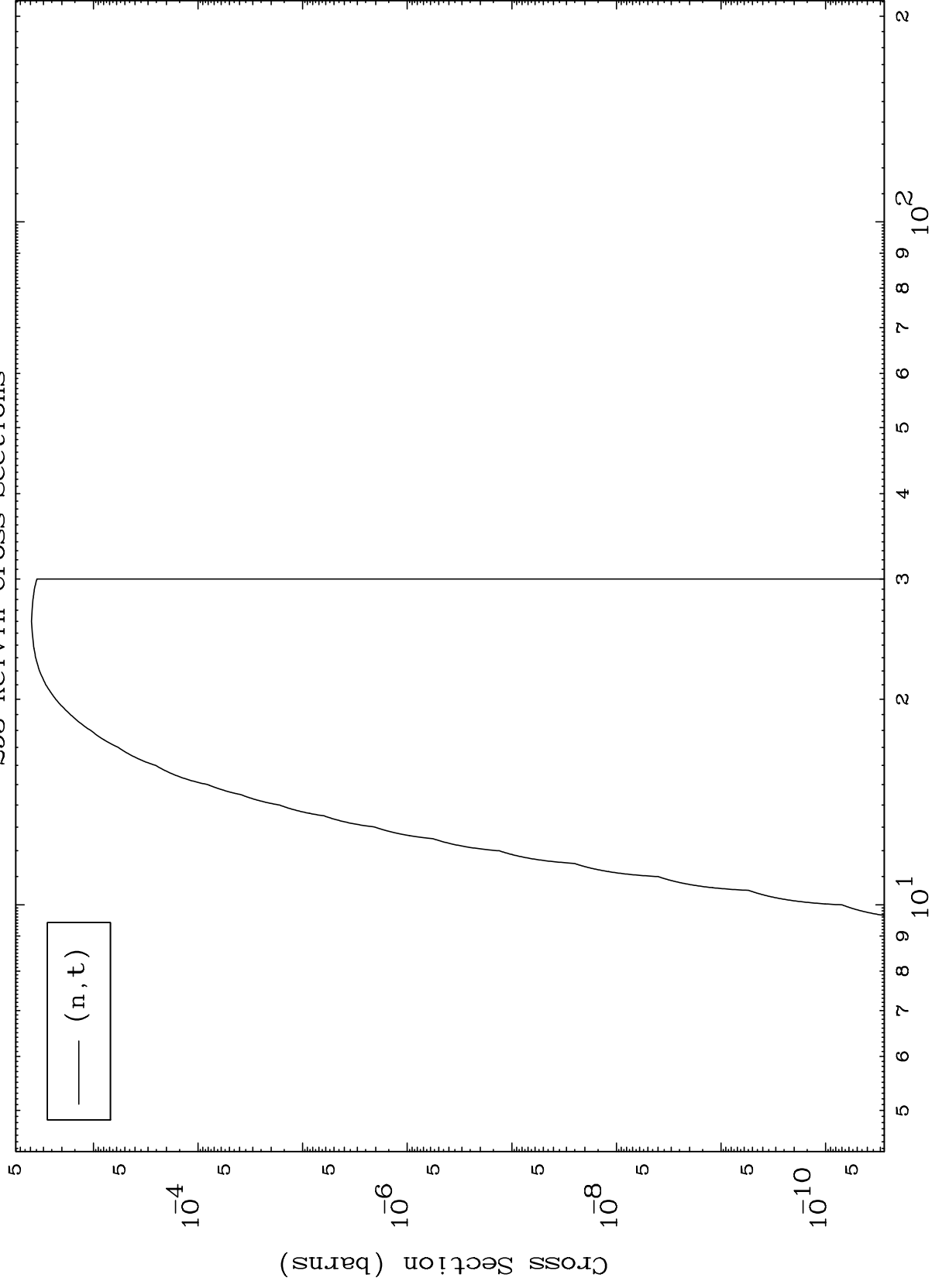
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-177



13

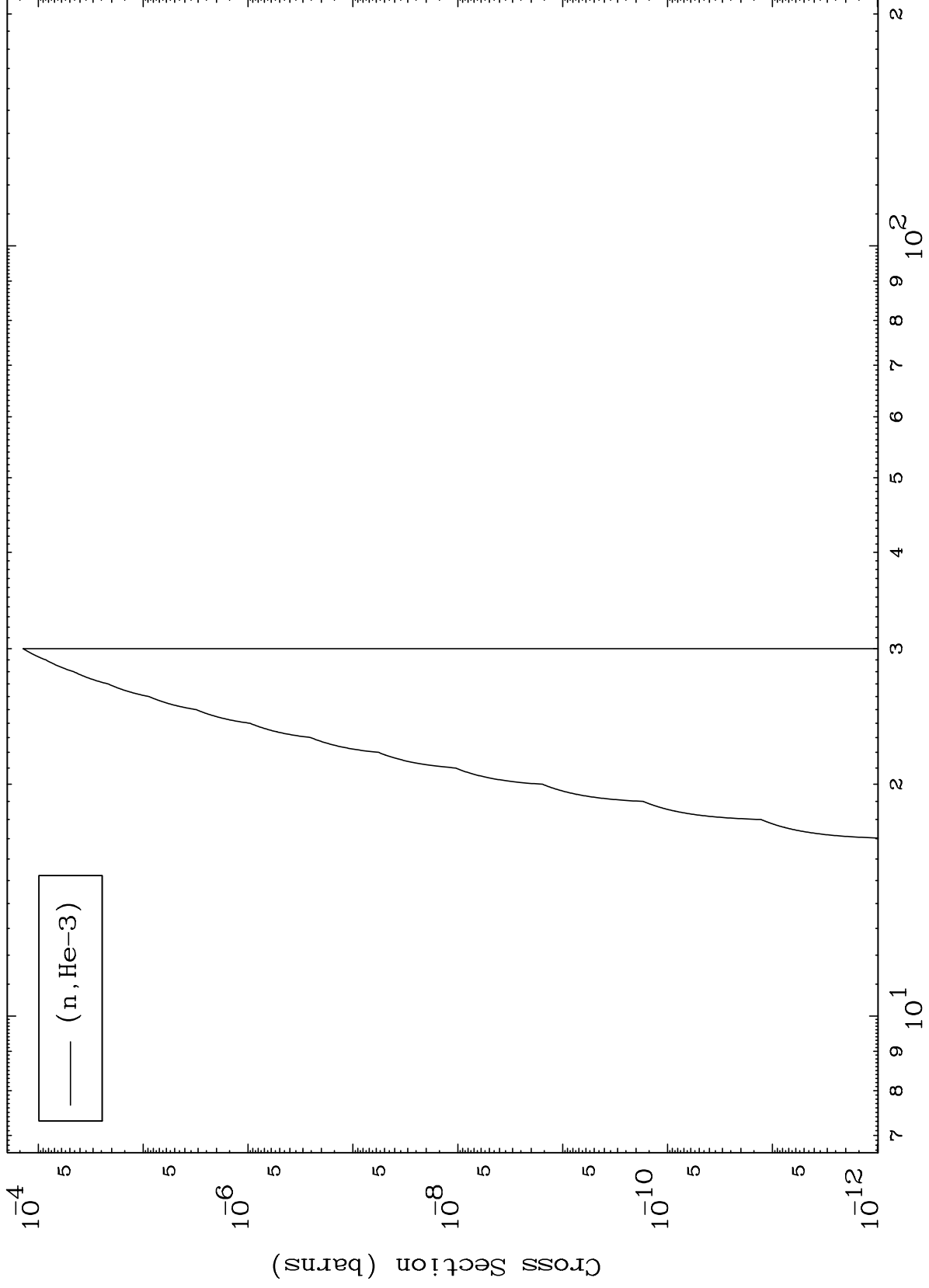
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-177



(n, He-3)

14

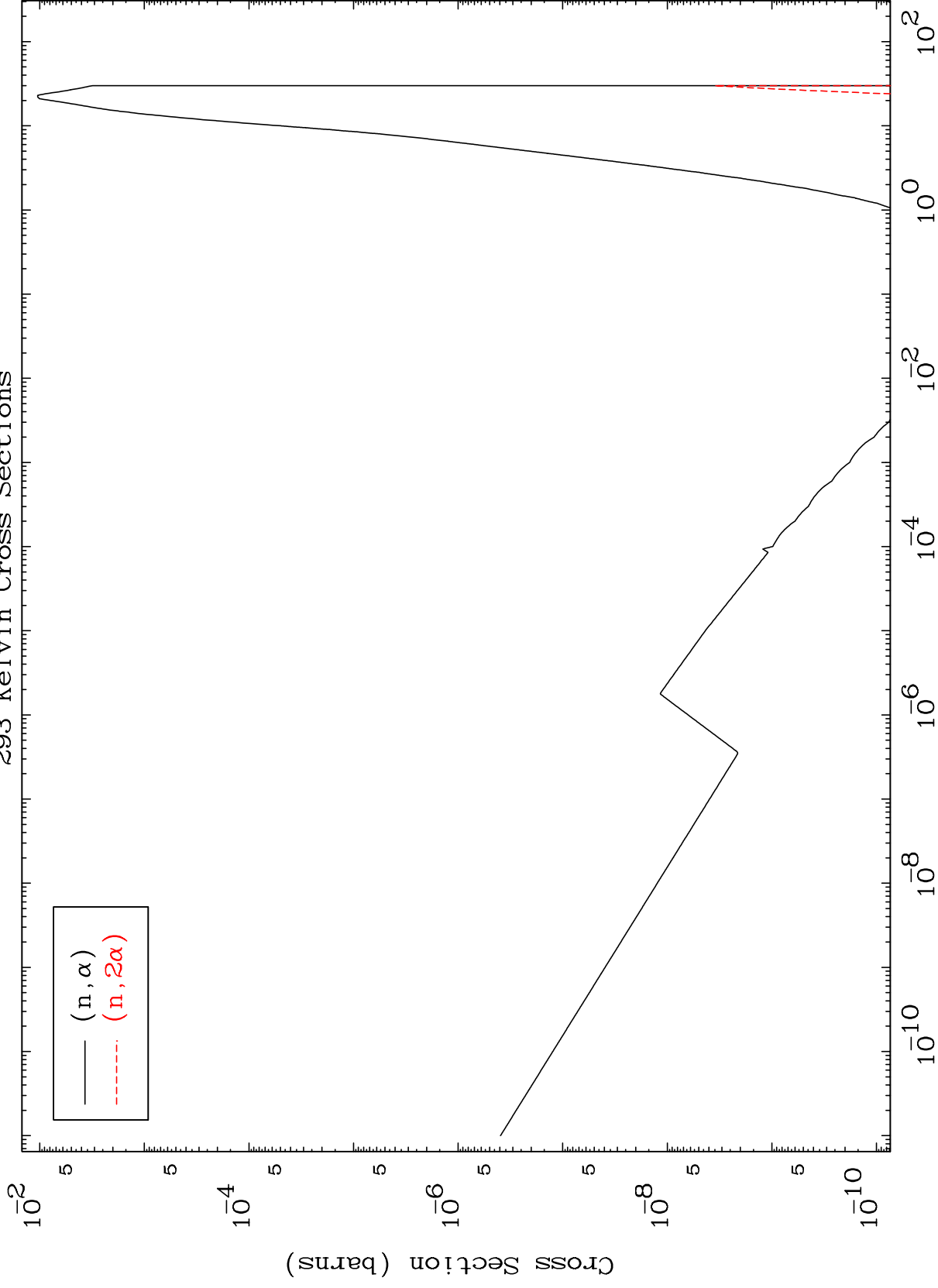
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

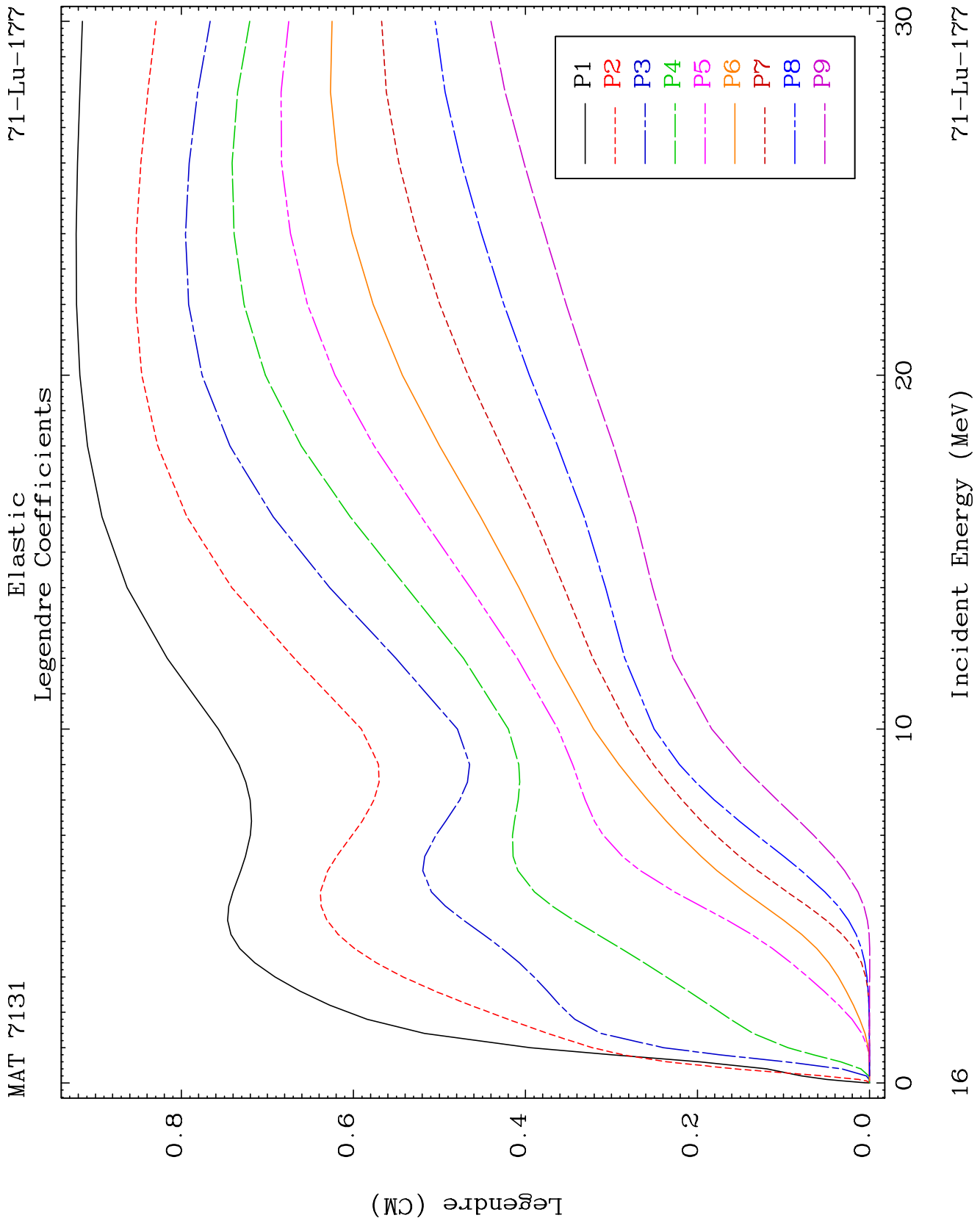
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15

Incident Energy (MeV)

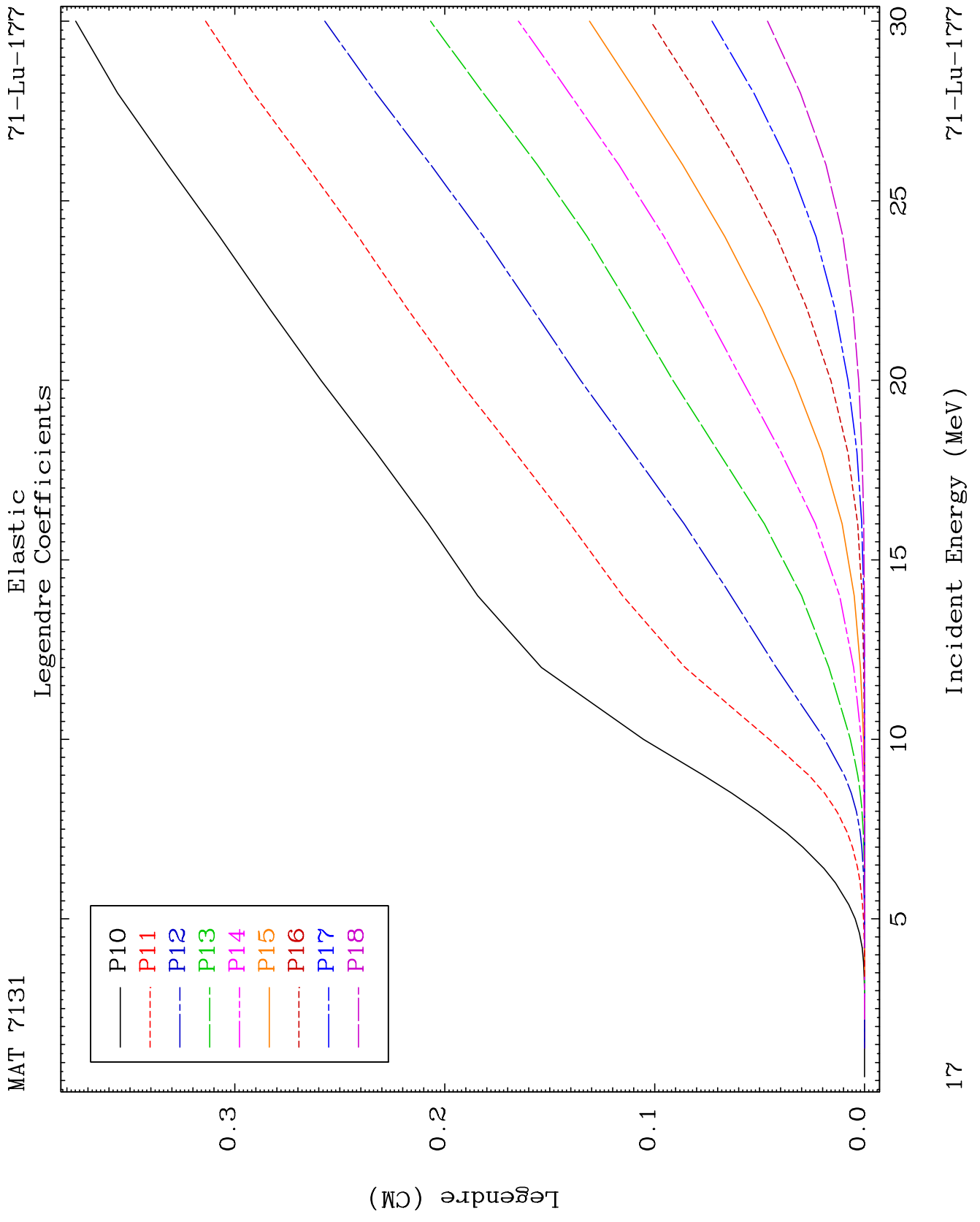
71-Lu-177



71-Lu-177

Incident Energy (MeV)

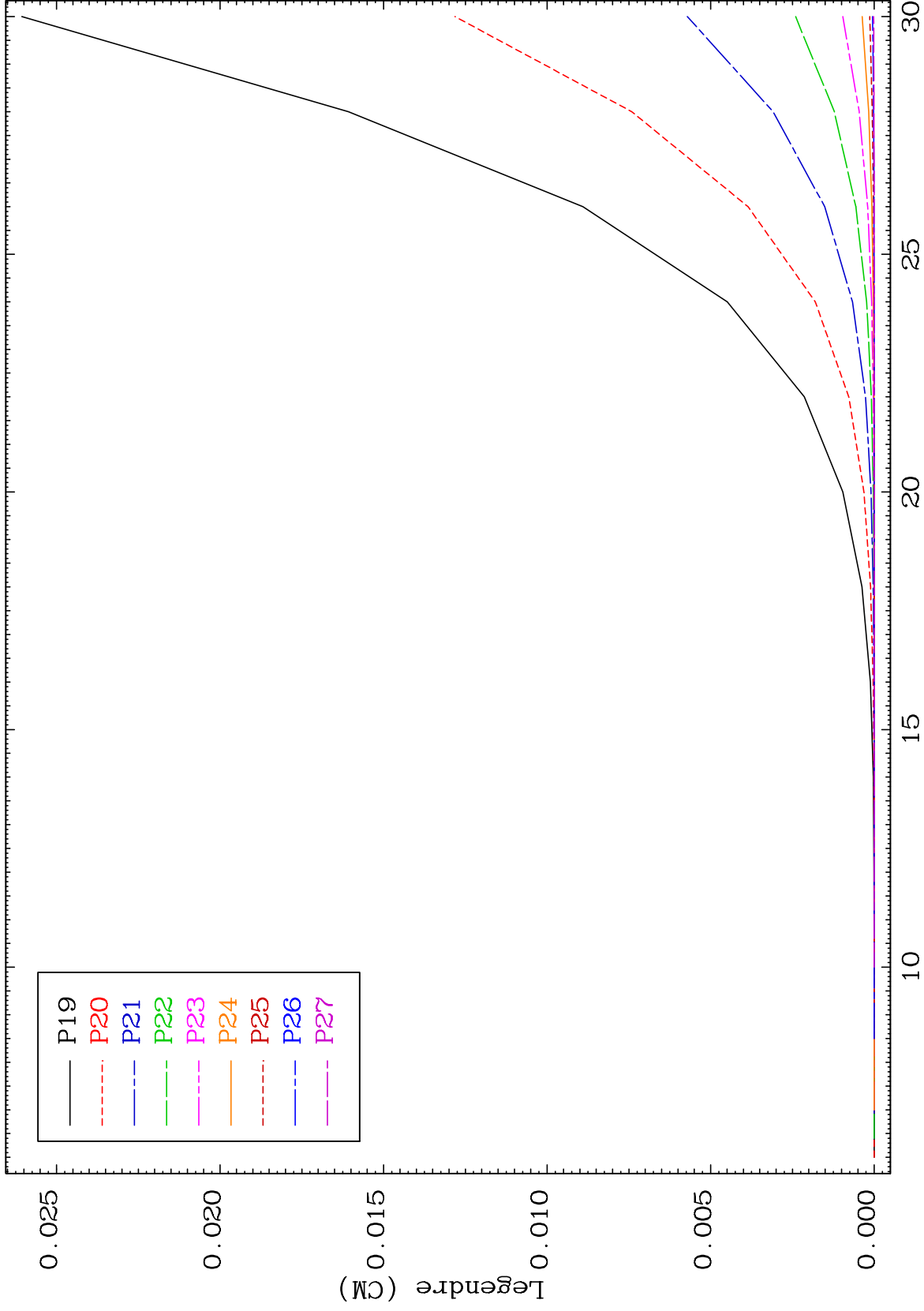
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MAT 7131

Elastic  
Legendre Coefficients

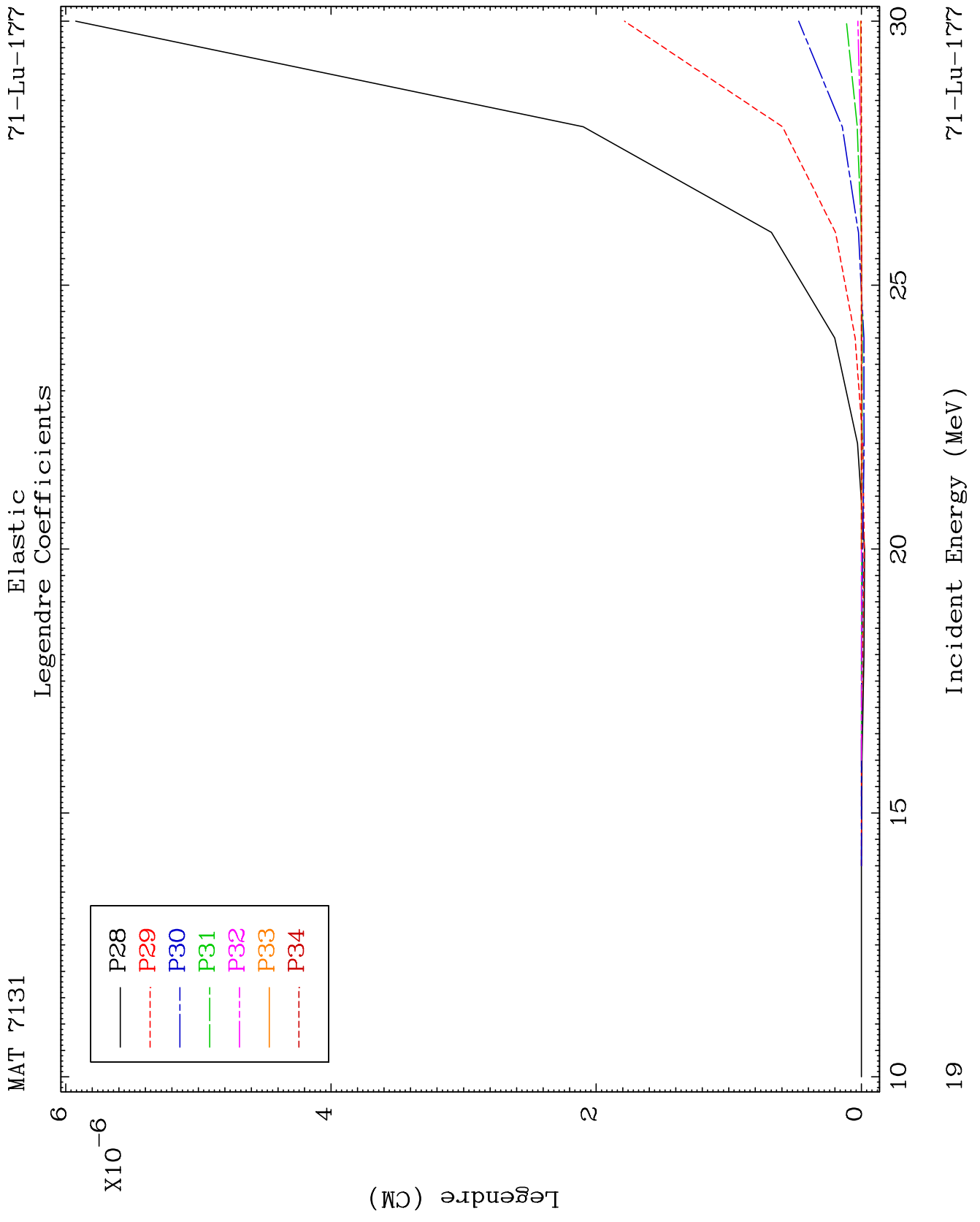
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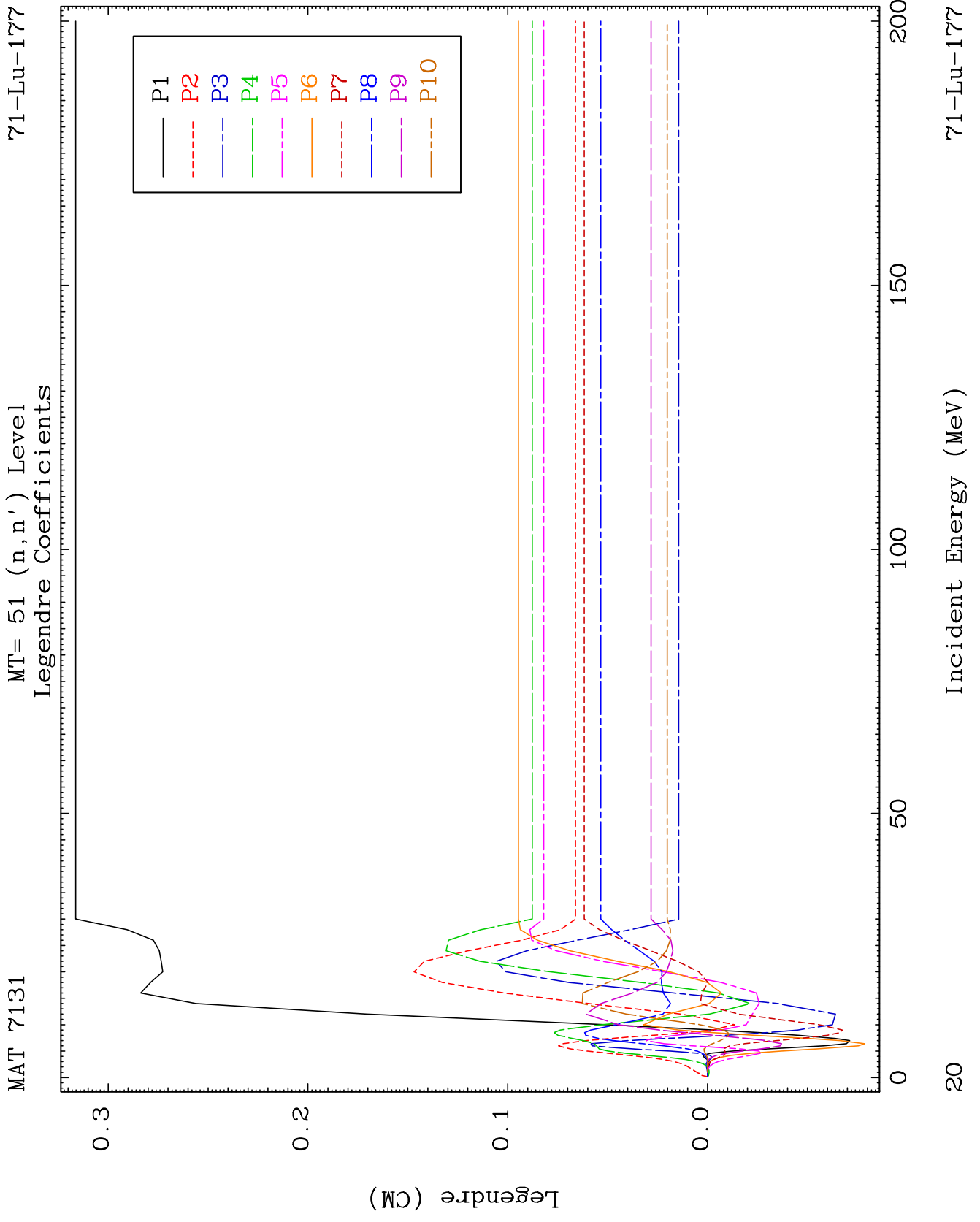


18

Incident Energy (MeV)

71-Lu-177

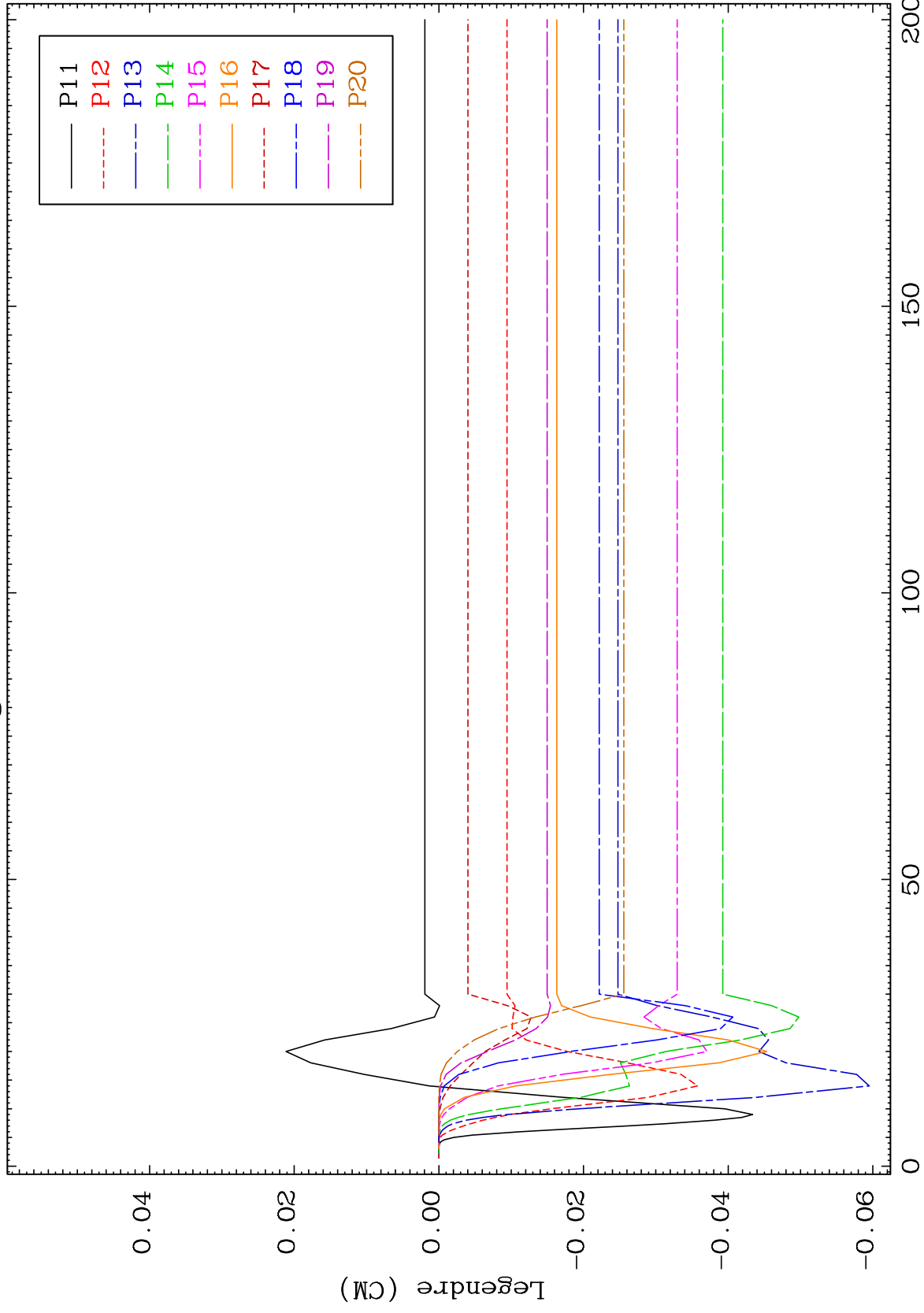




MAT 7131

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

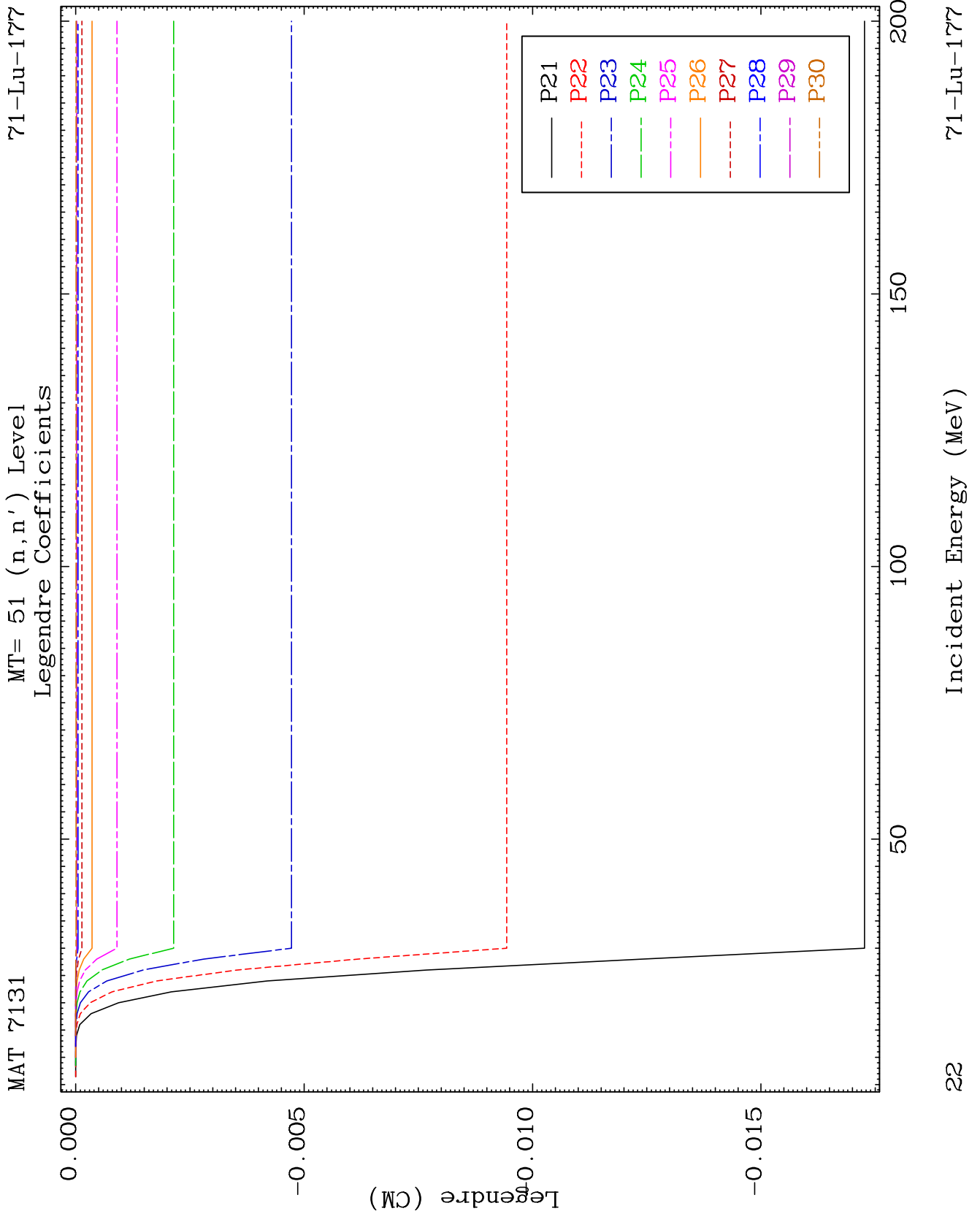
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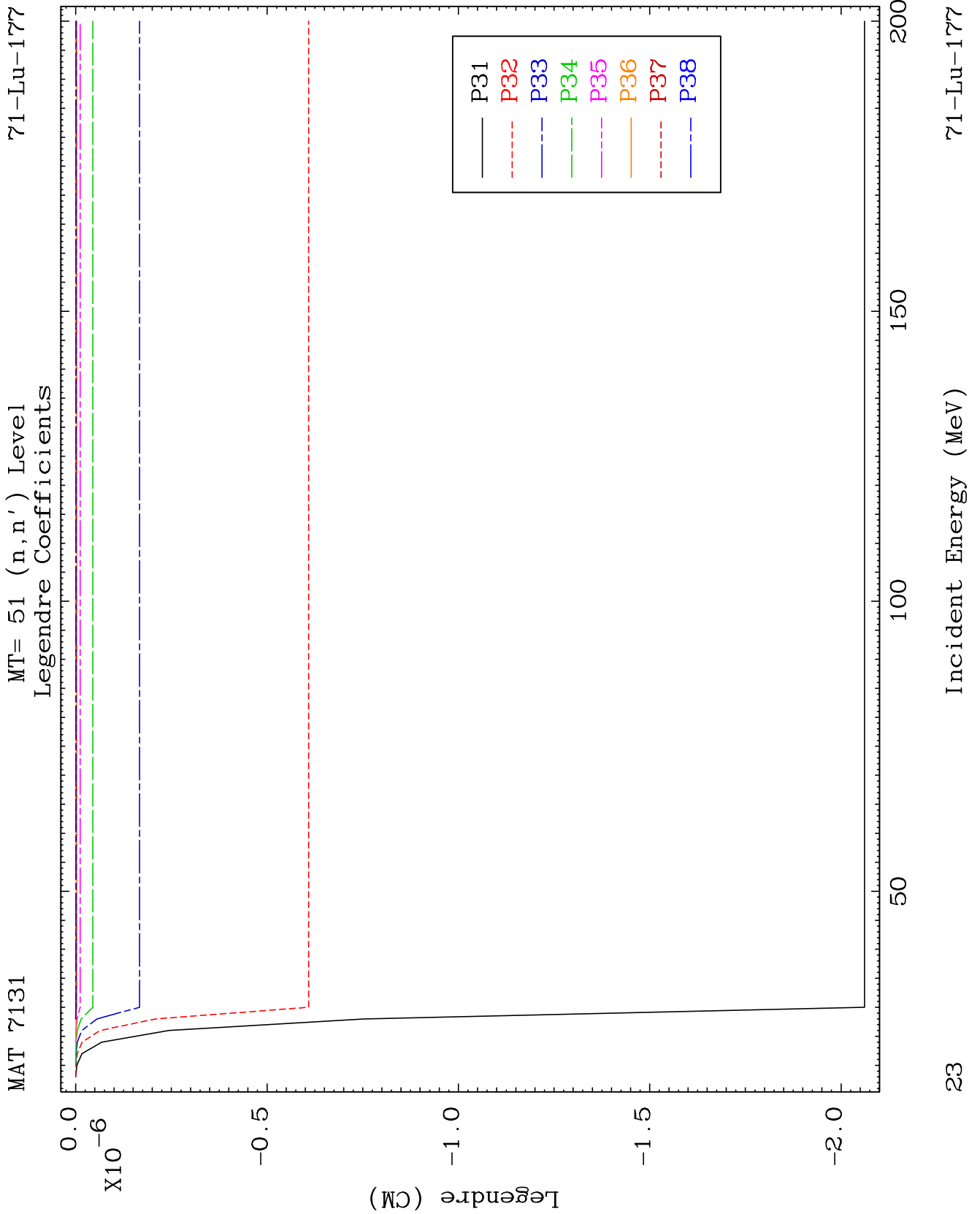


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Incident Energy (MeV)

71-Lu-177

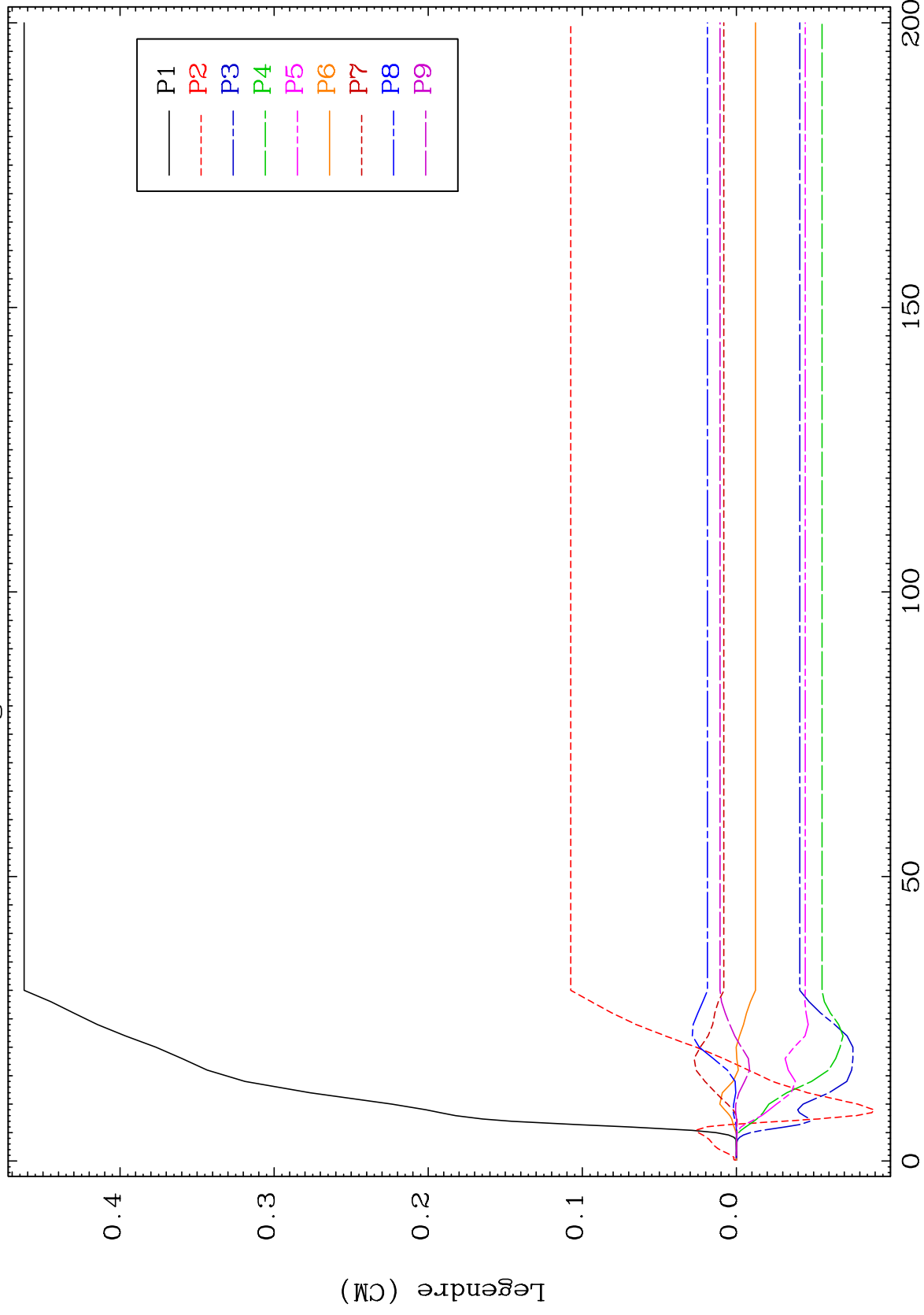




MAT 7131

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

71-Lu-177



24

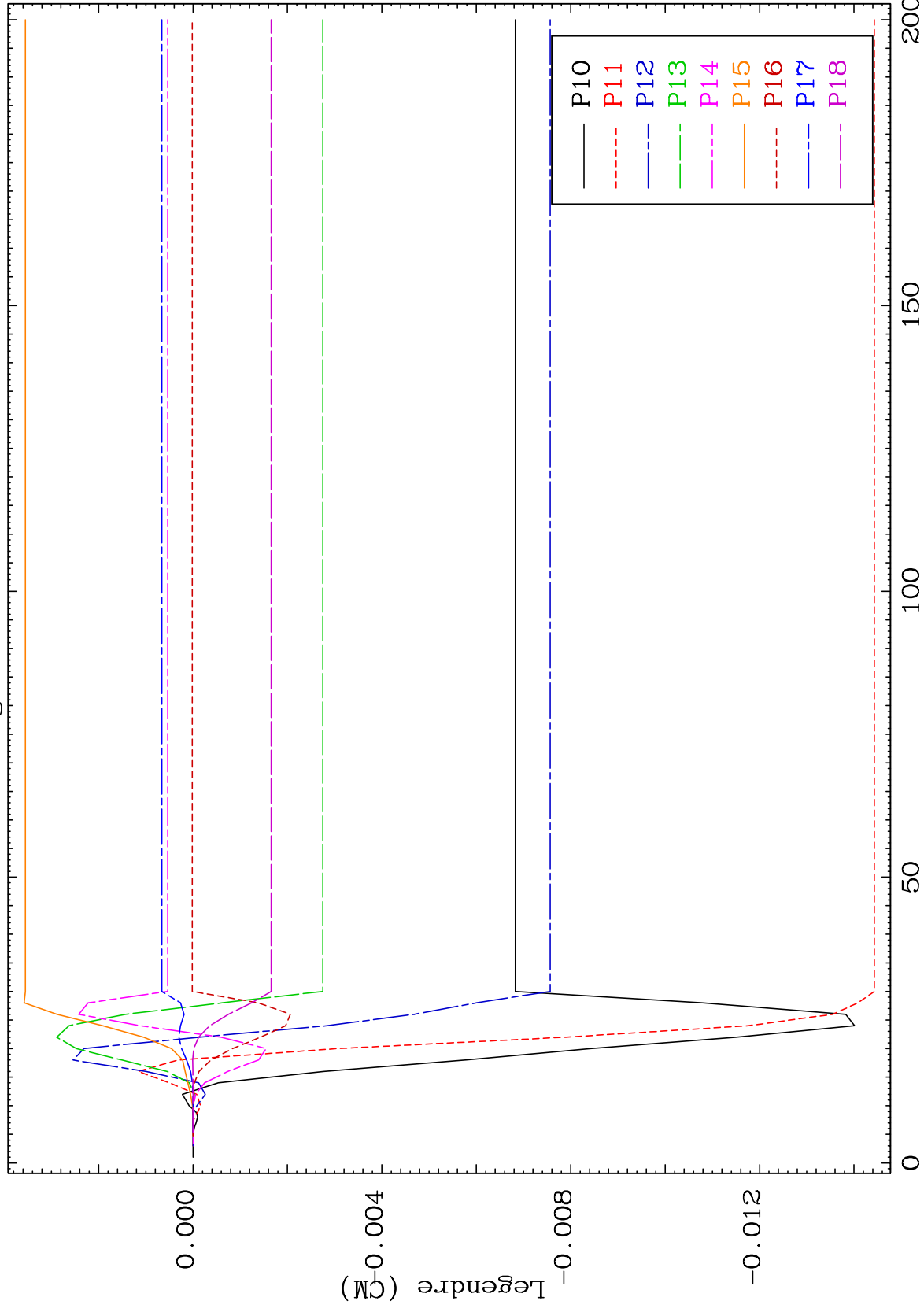
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

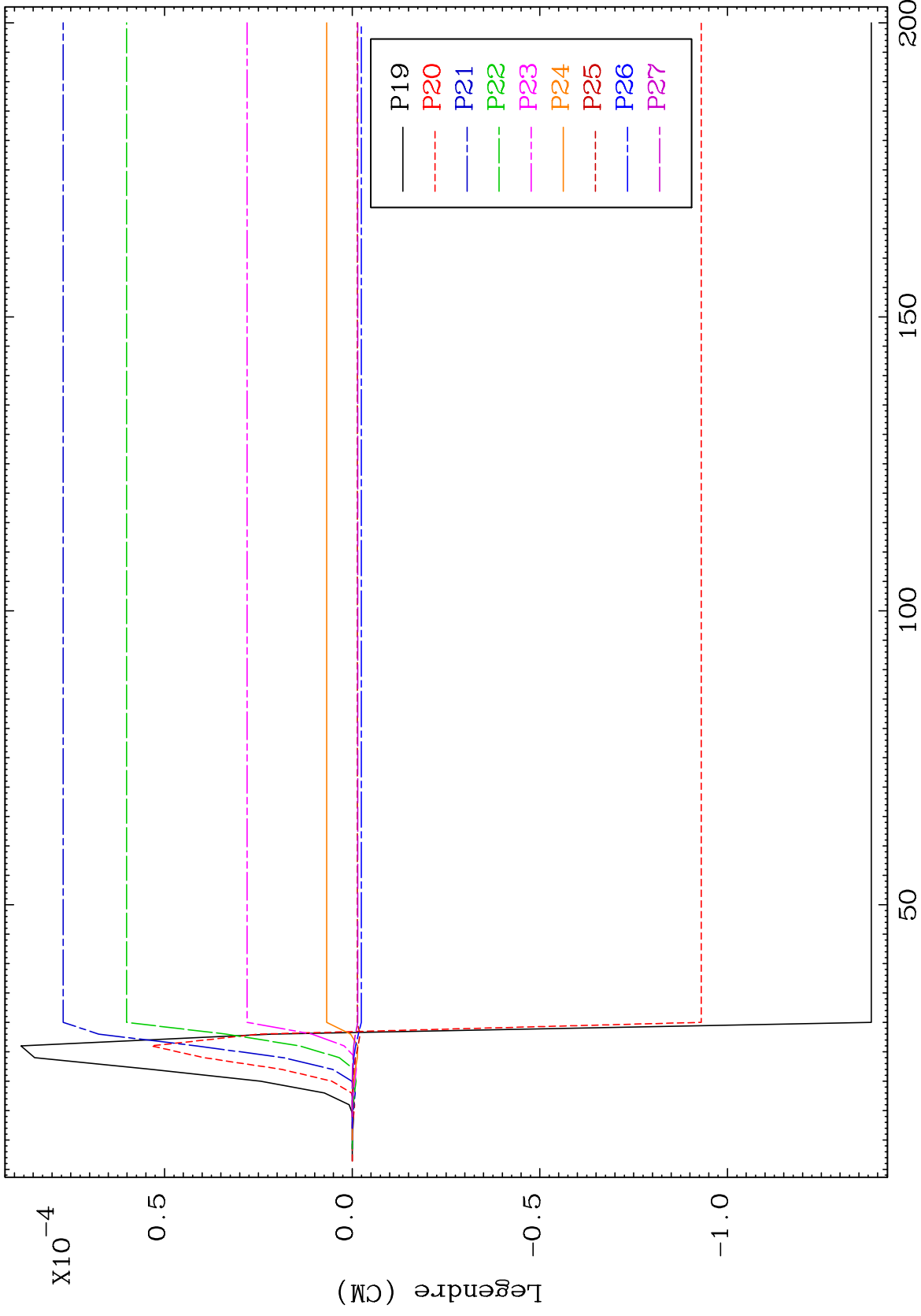
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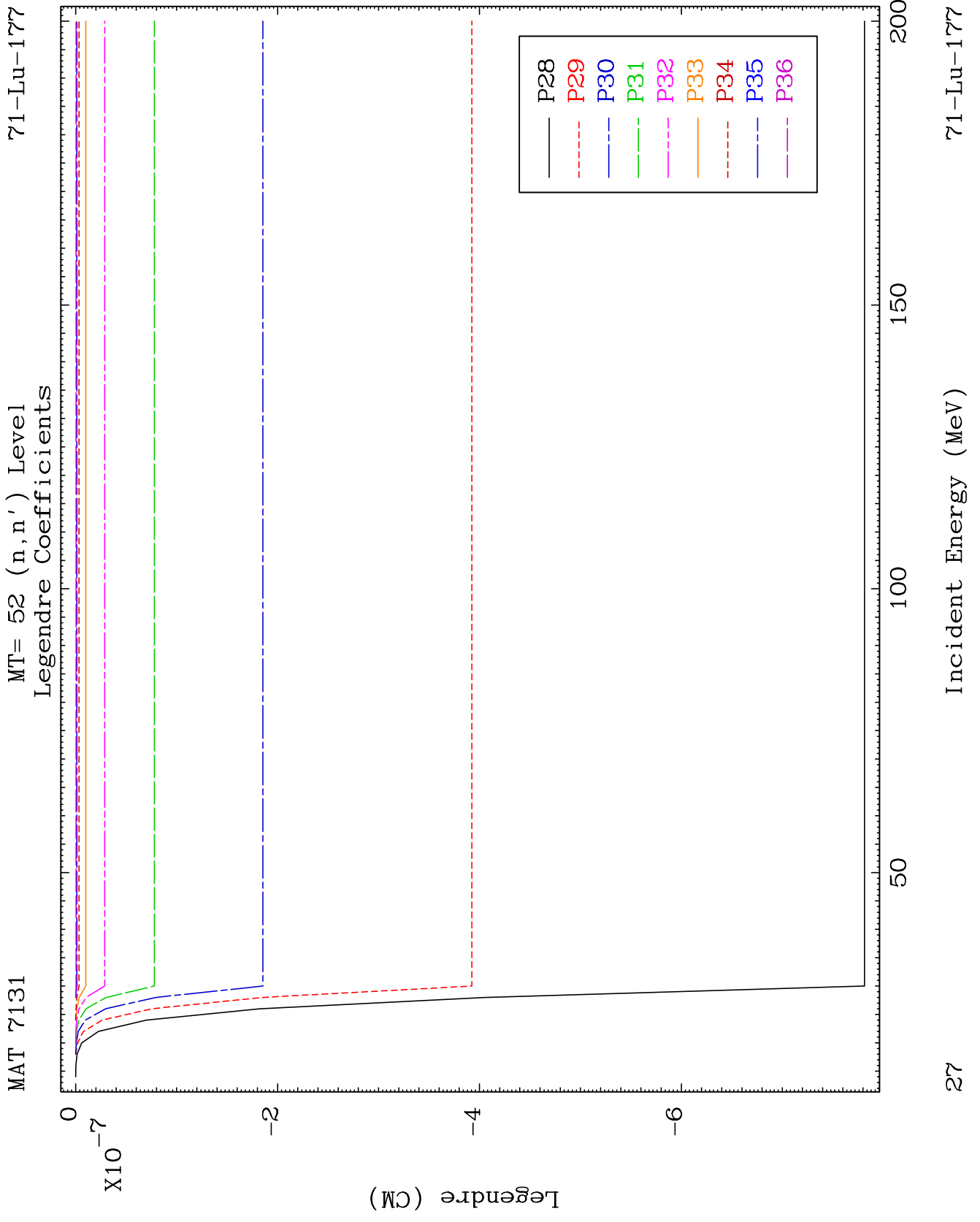


25

Incident Energy (MeV)

71-Lu-177



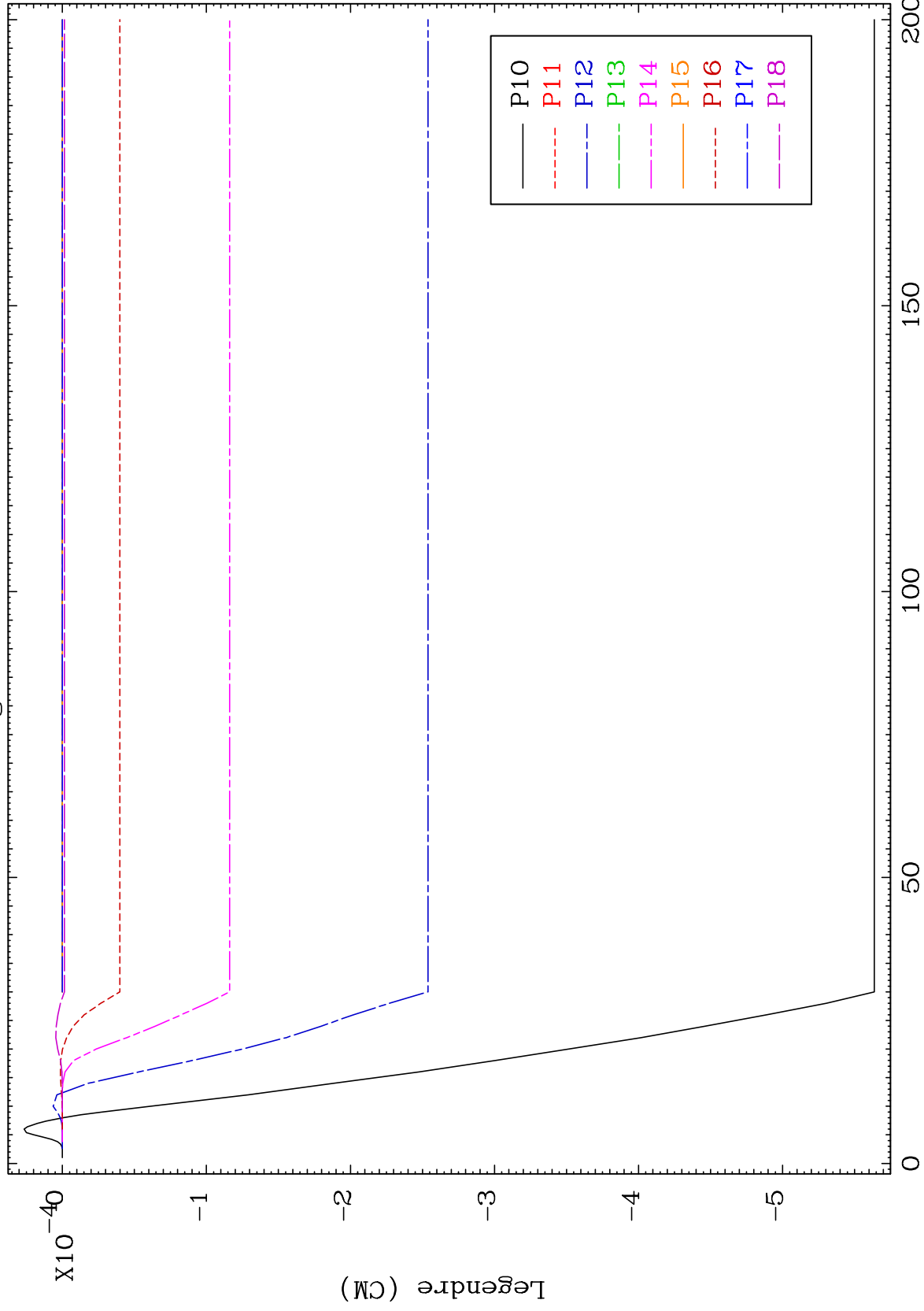




MAT 7131

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

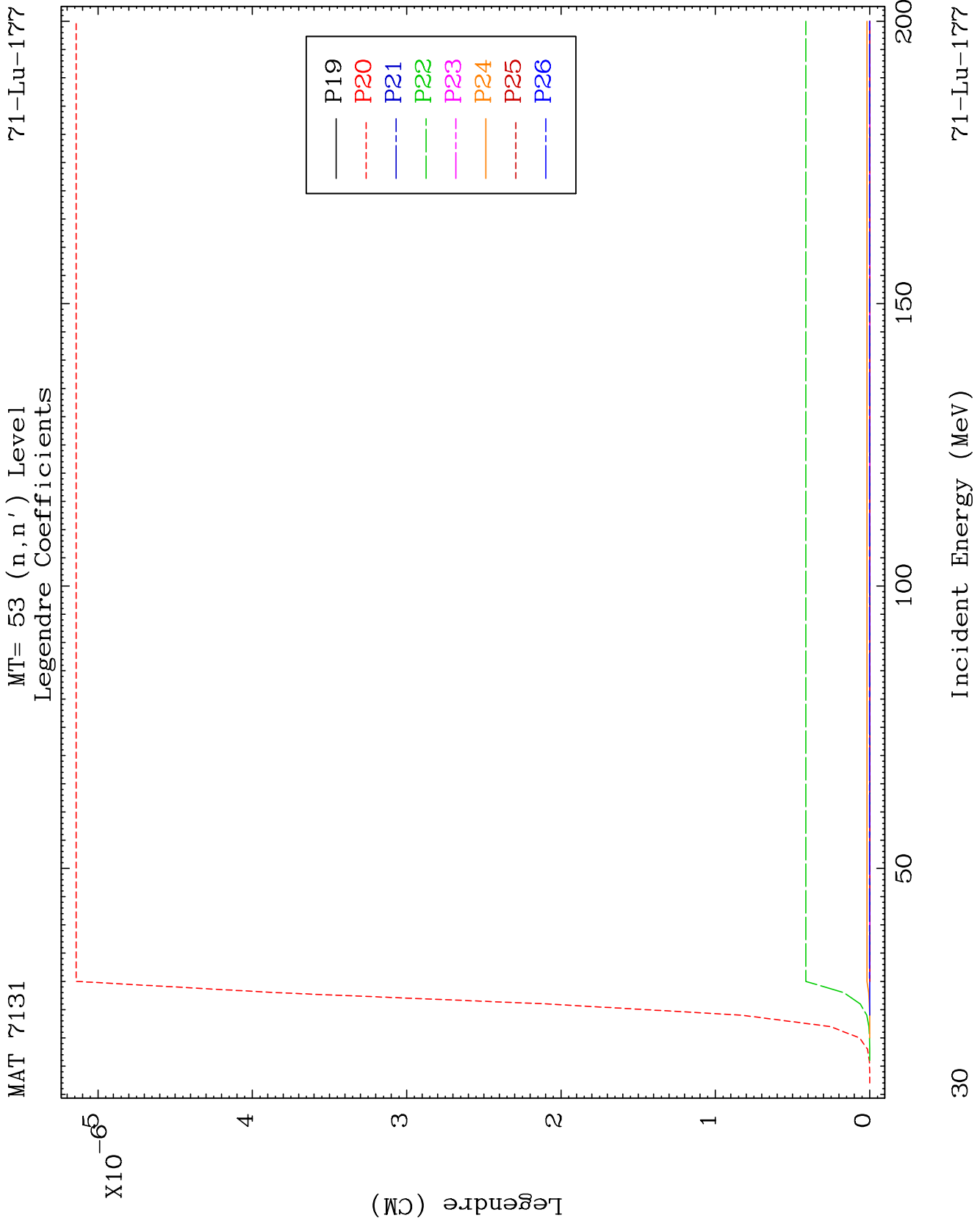
71-Lu-177



29

Incident Energy (MeV)

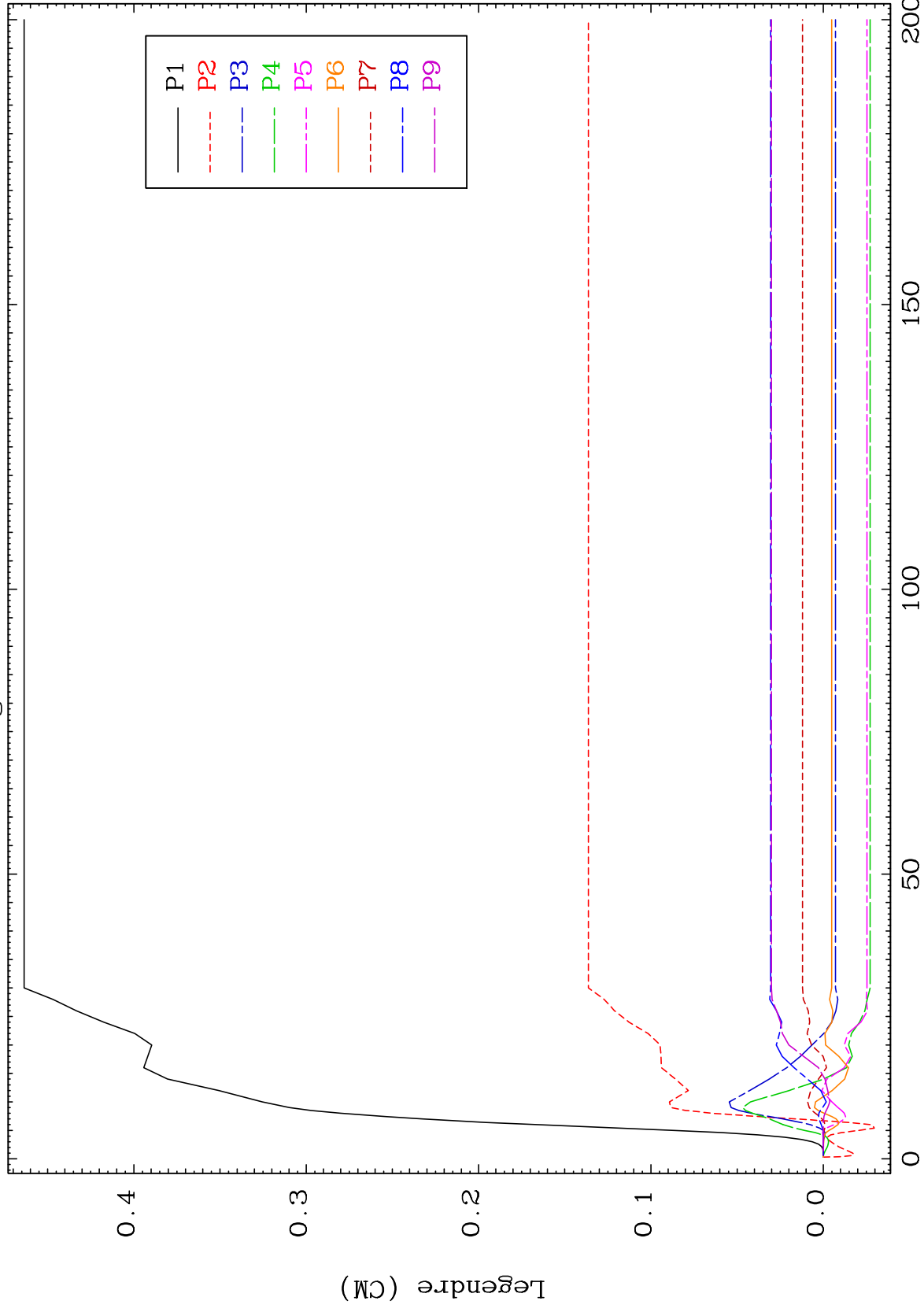
71-Lu-177



MAT 7131

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

71-Lu-177



31

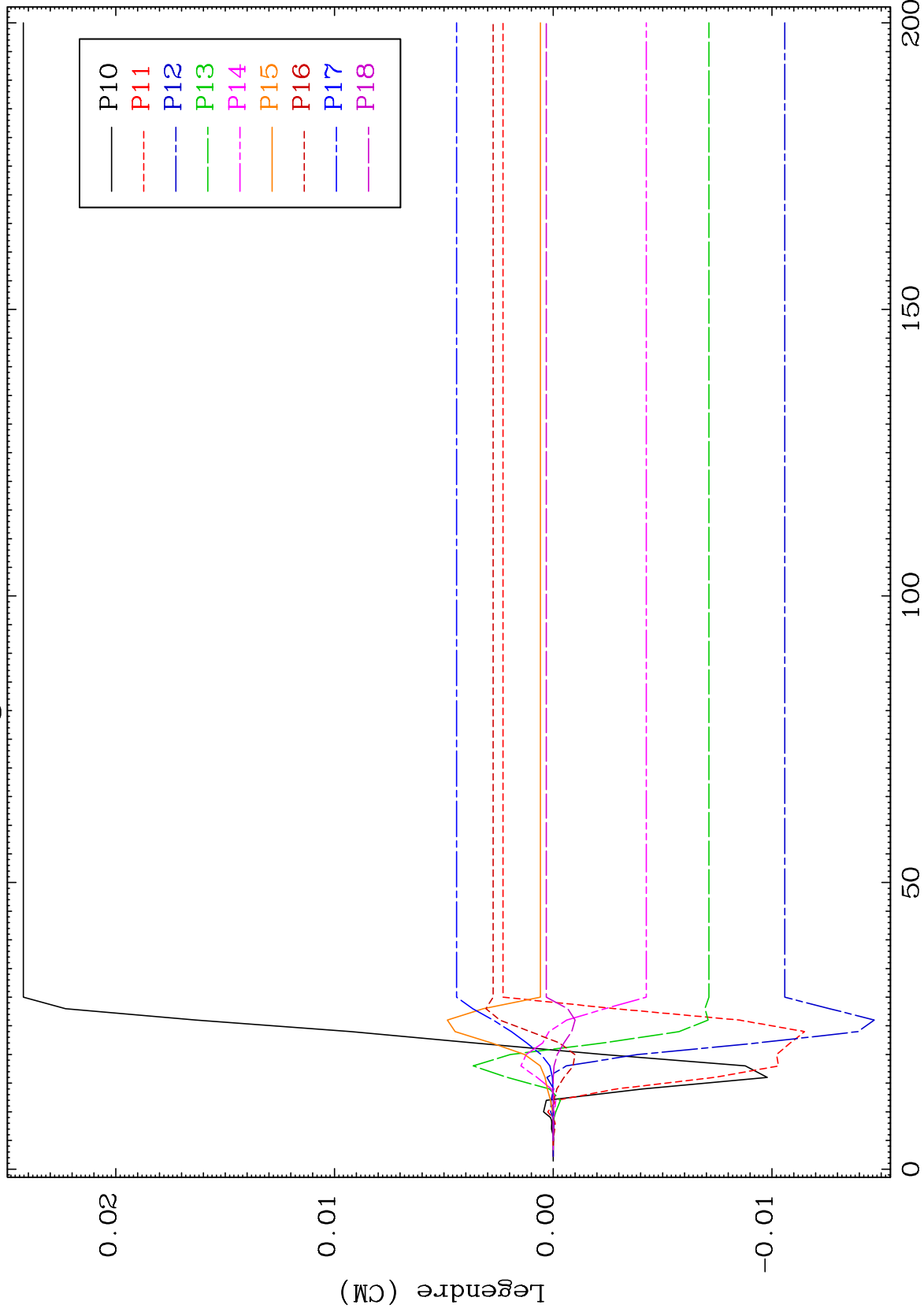
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

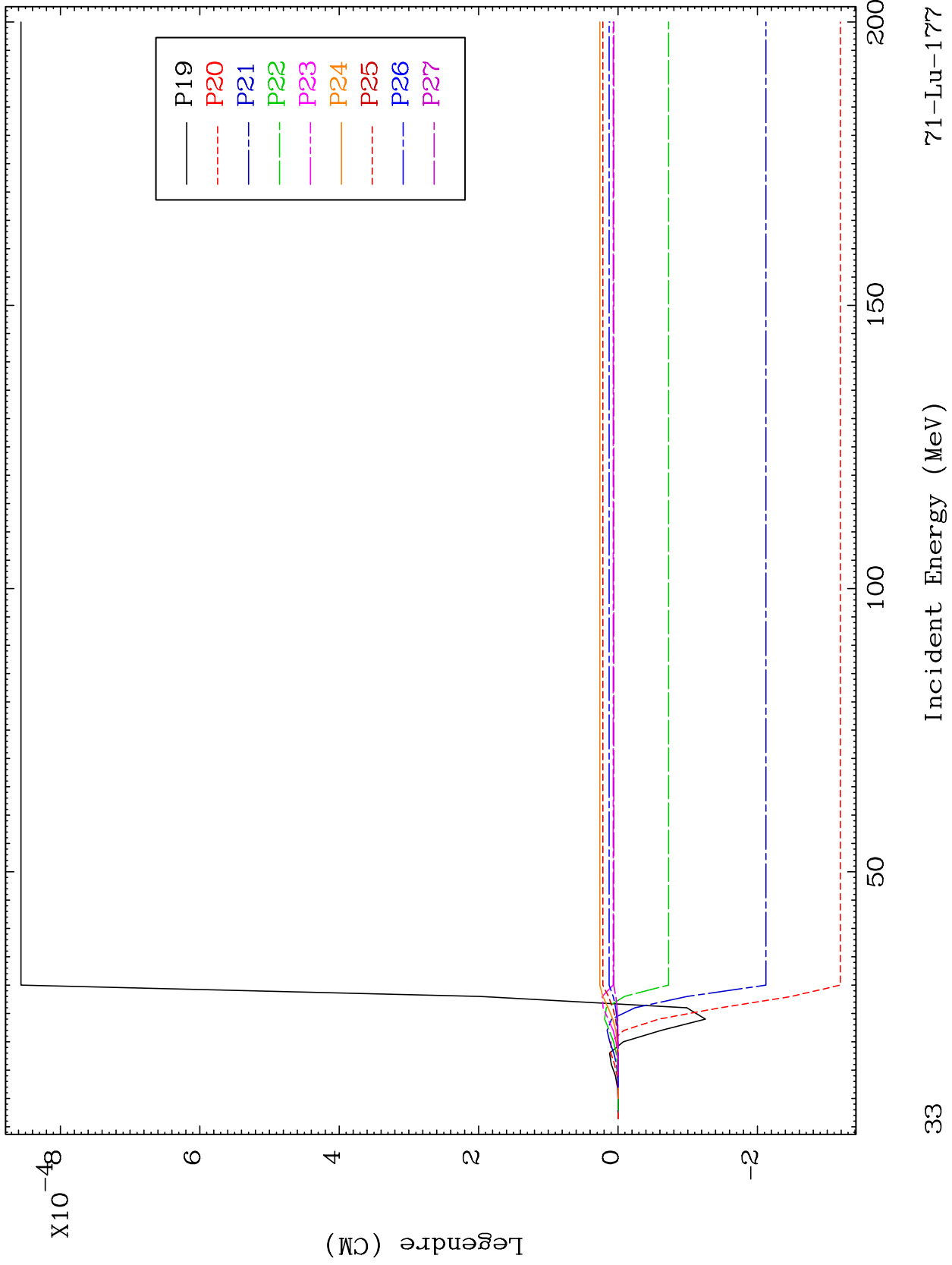
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32

Incident Energy (MeV)

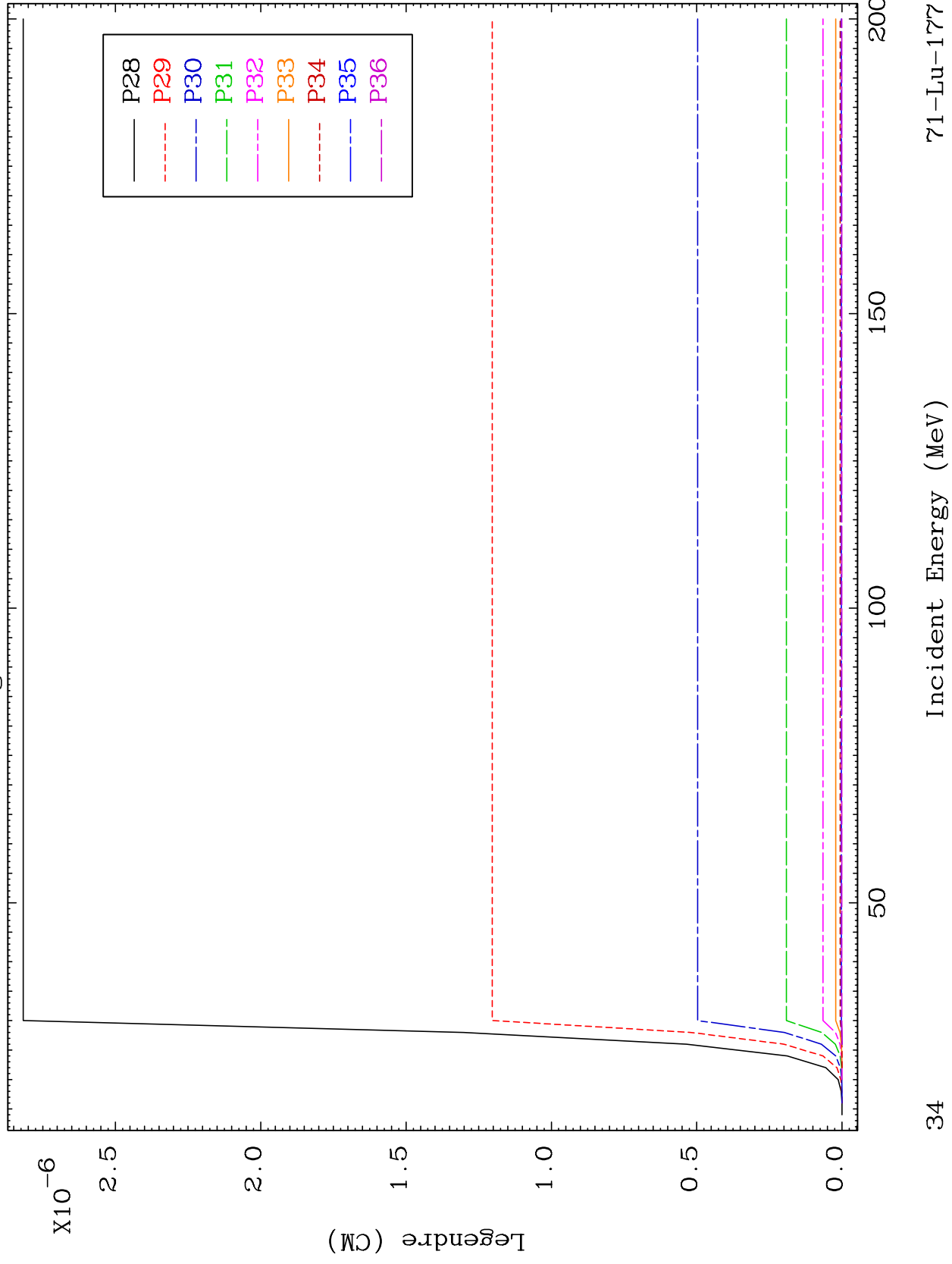
71-Lu-177



MAT 7131

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

71-Lu-177



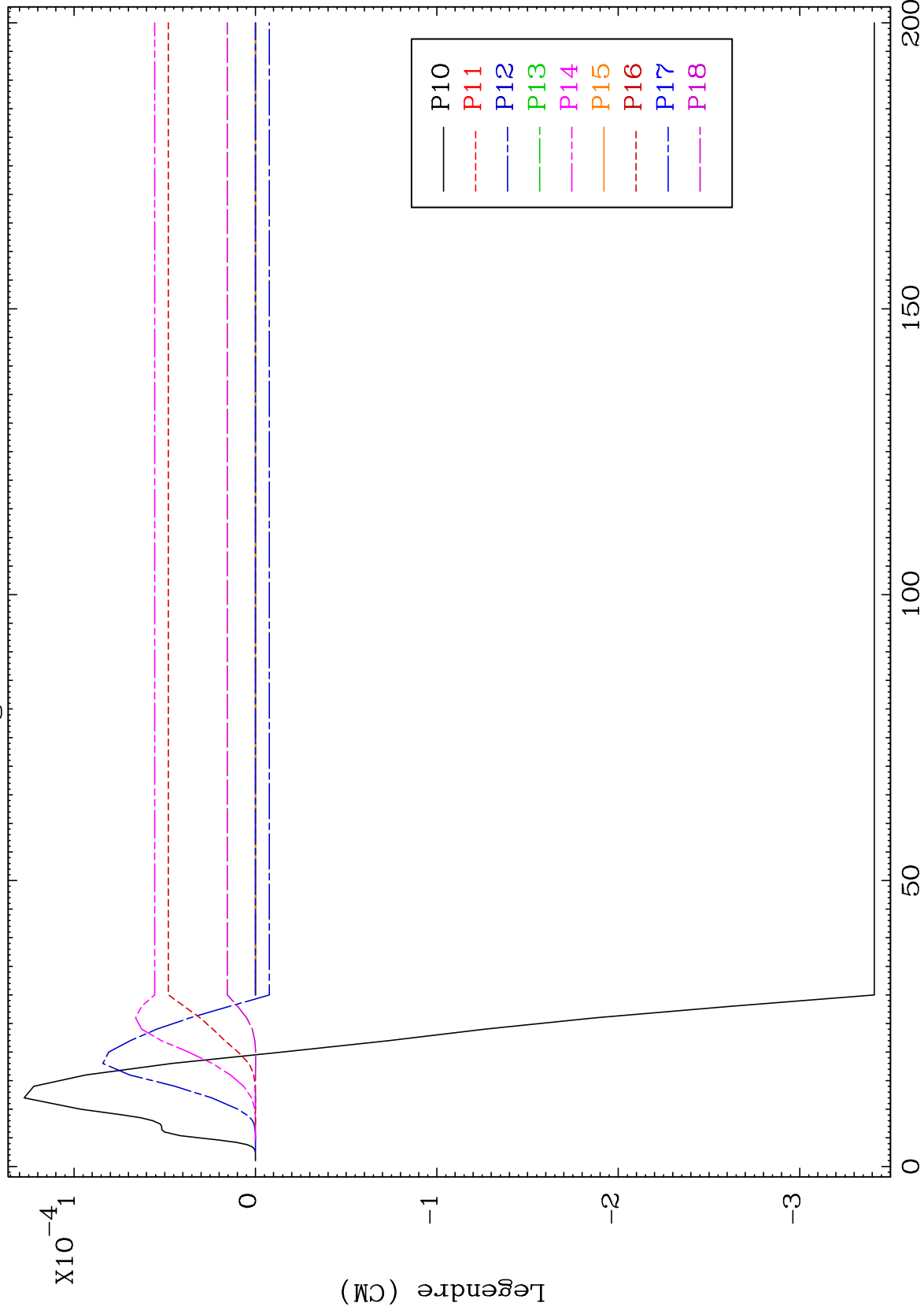
34



MAT 7131

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

71-Lu-177

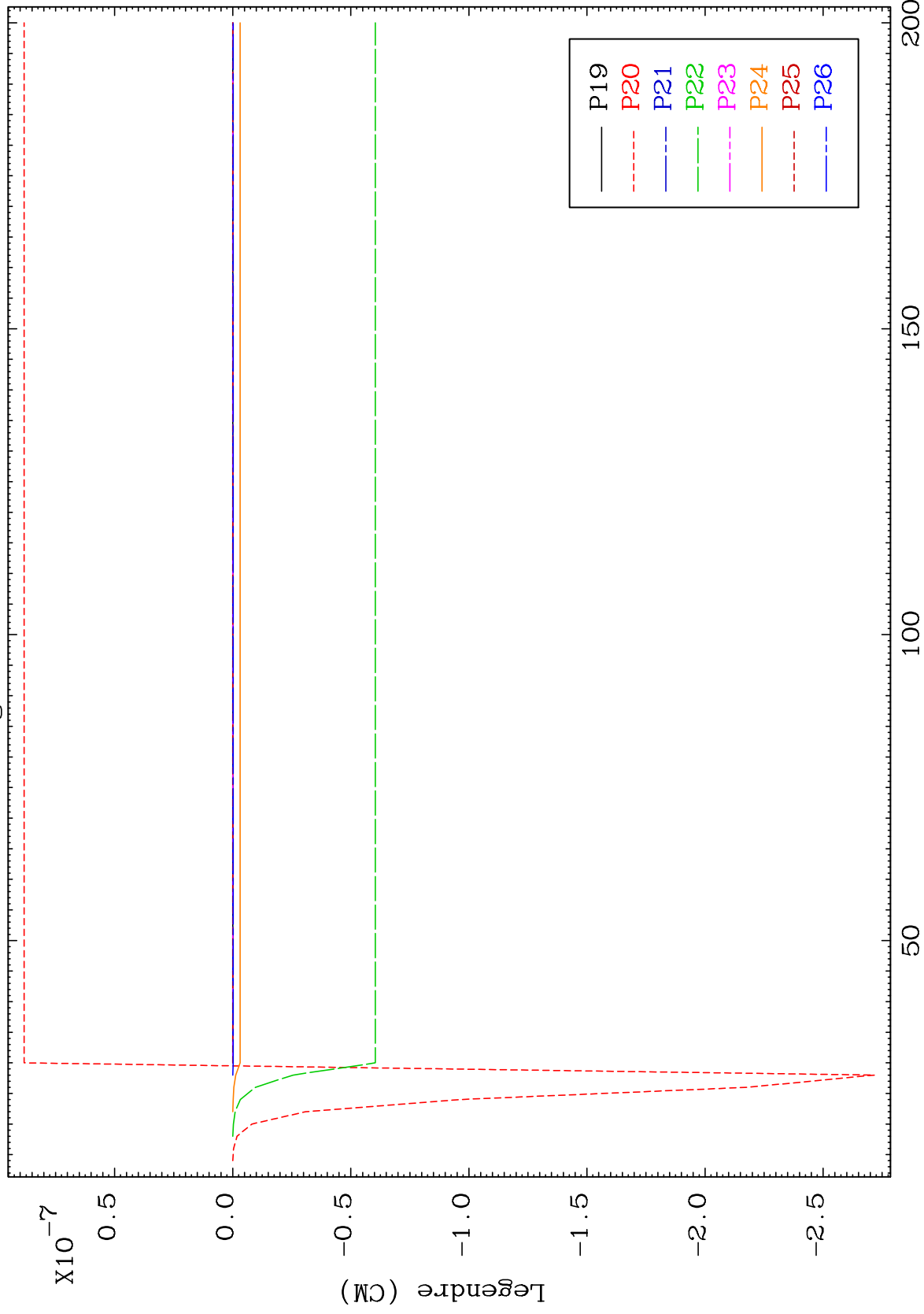


36

Incident Energy (MeV)

71-Lu-177

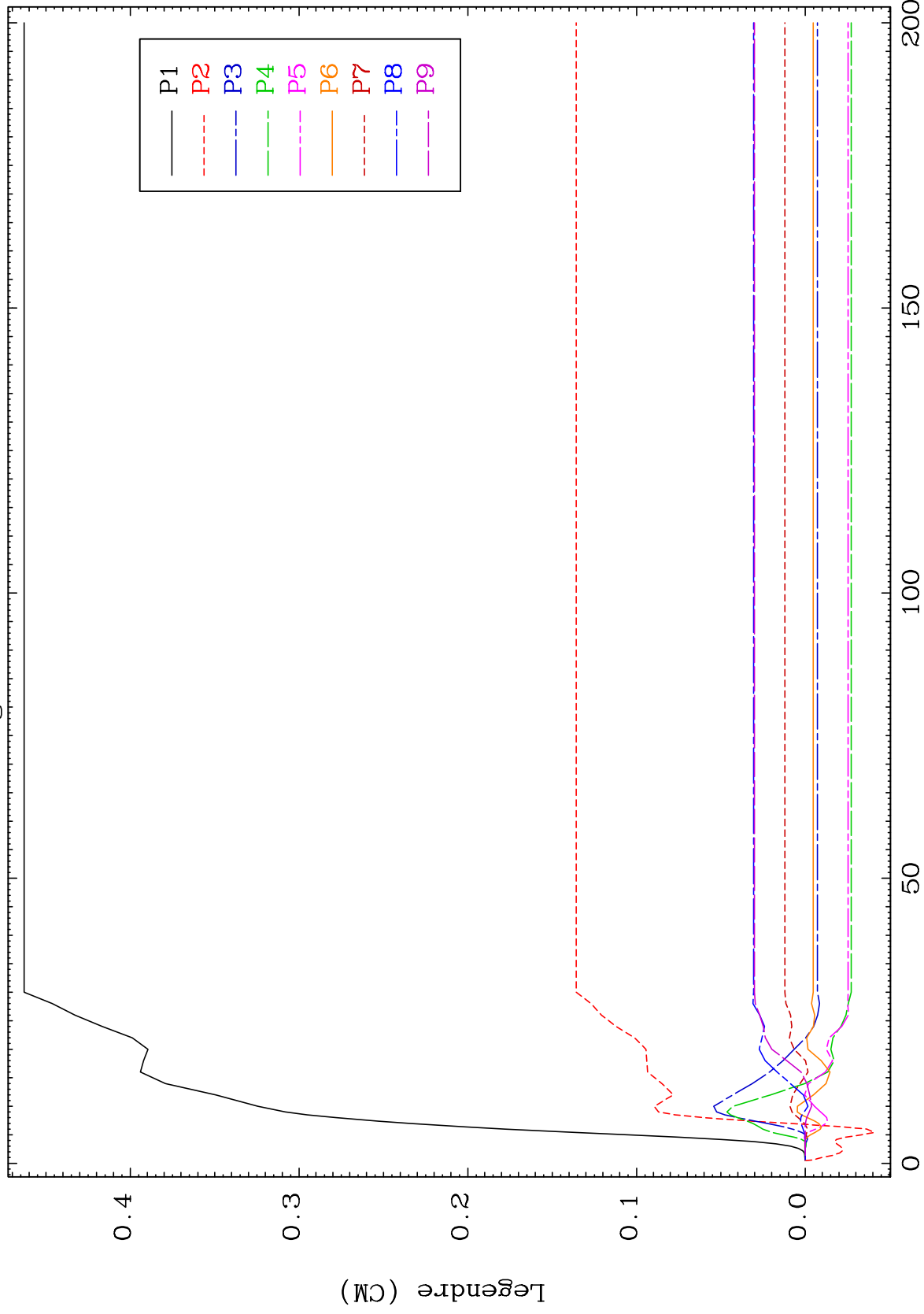
MT= 55 (n,n') Level  
Legendre Coefficients



MAT 7131

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

71-Lu-177



38

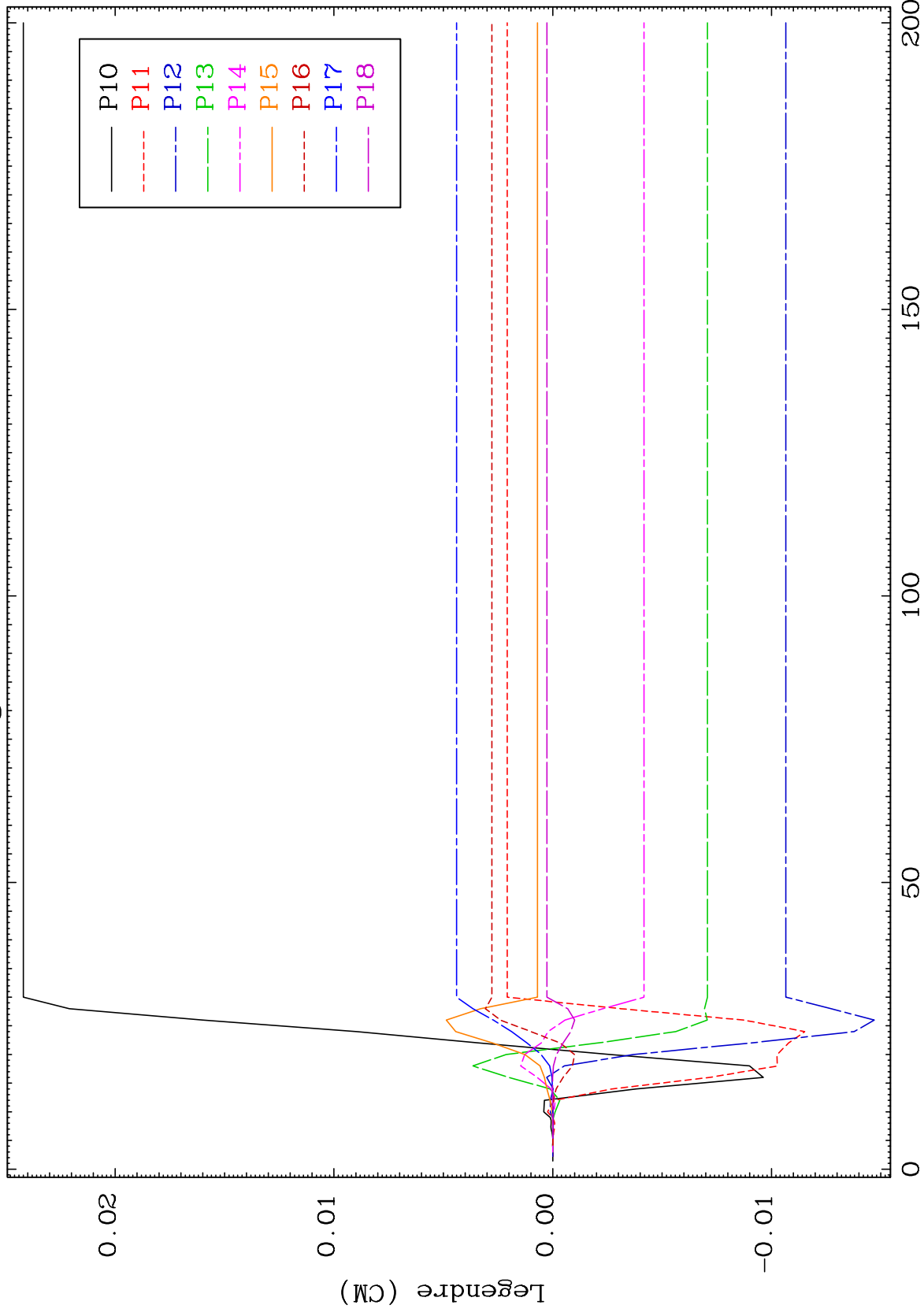
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



39

Incident Energy (MeV)

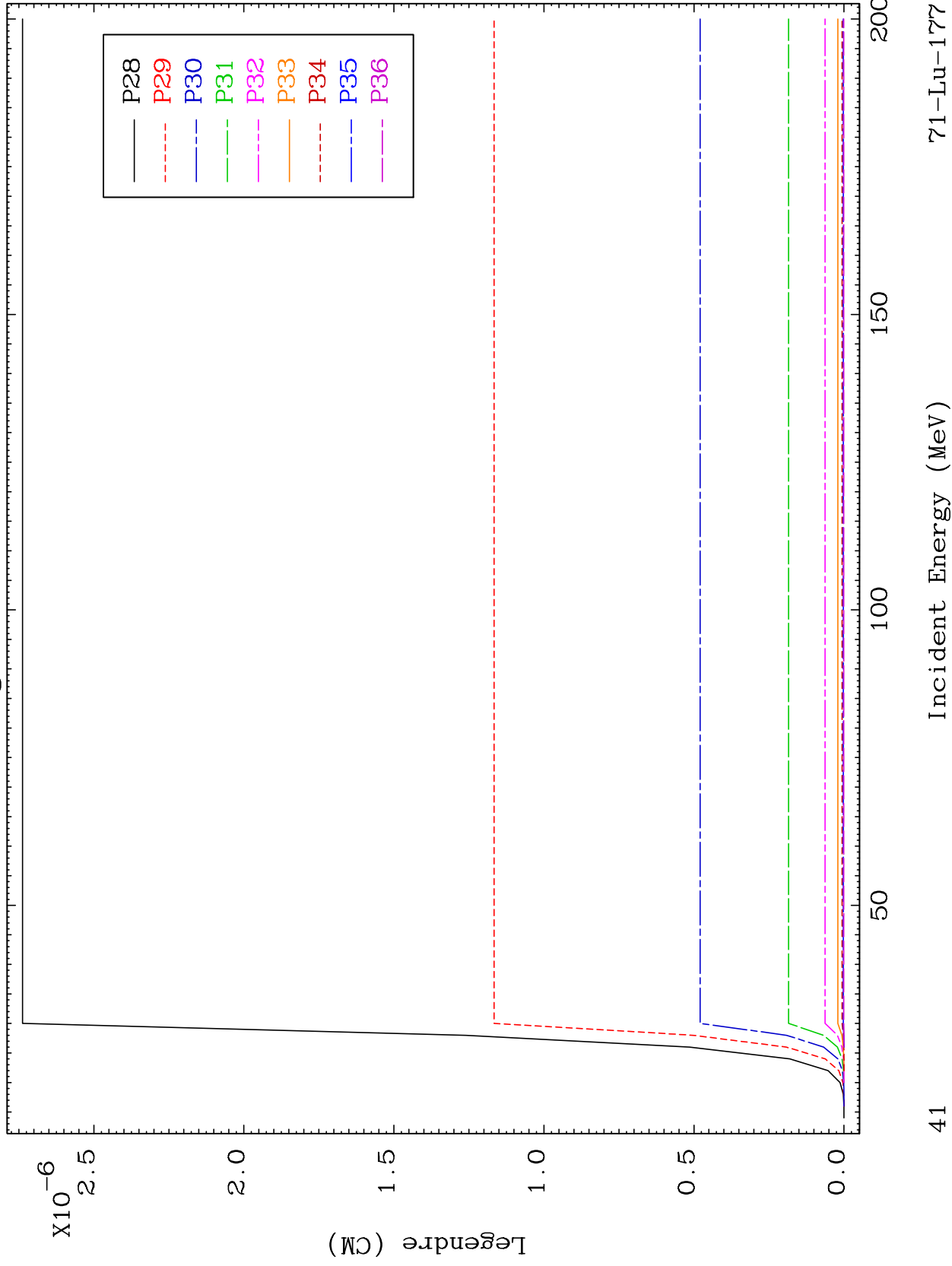
71-Lu-177



MAT 7131

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

71-Lu-177



41

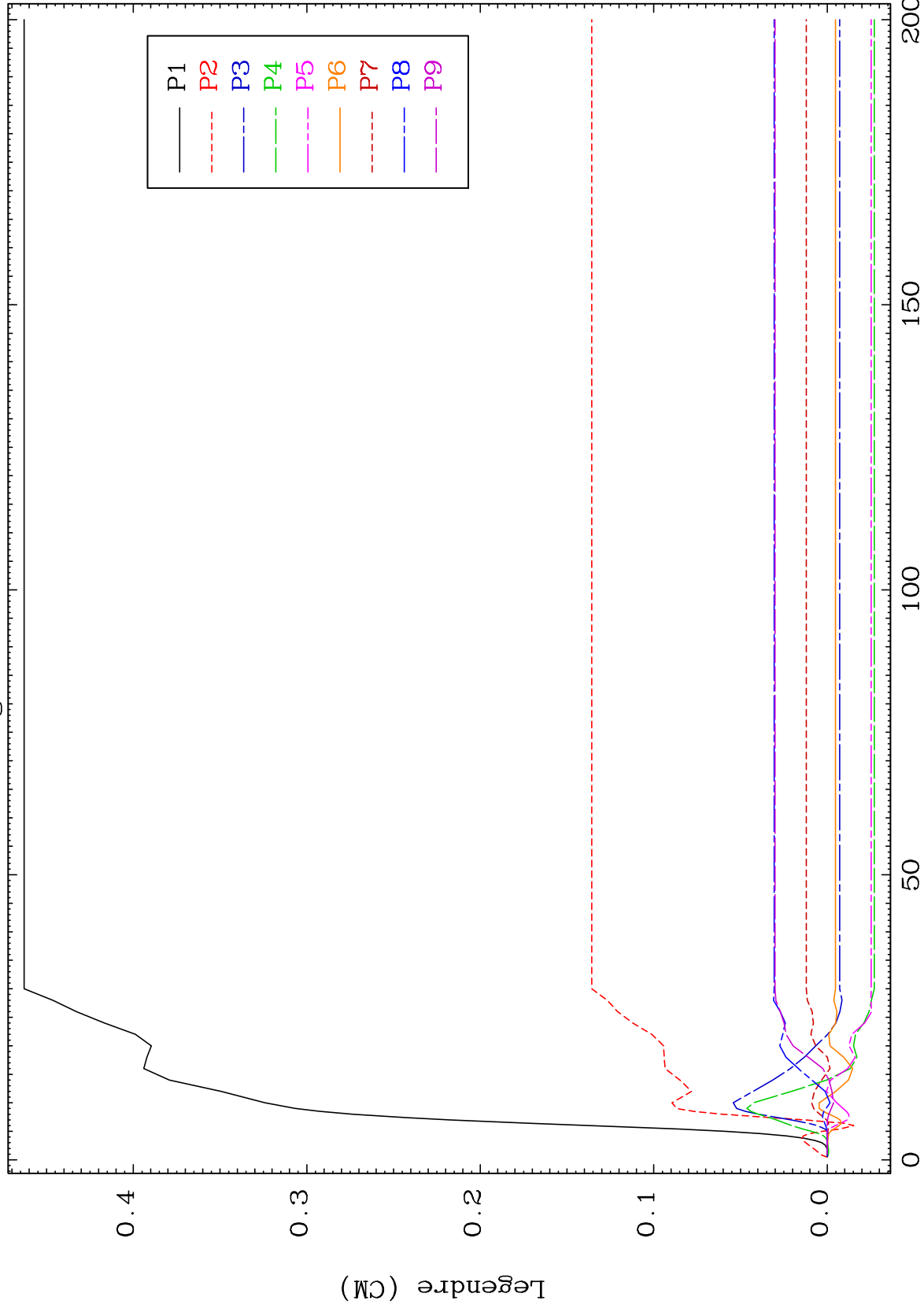
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



42

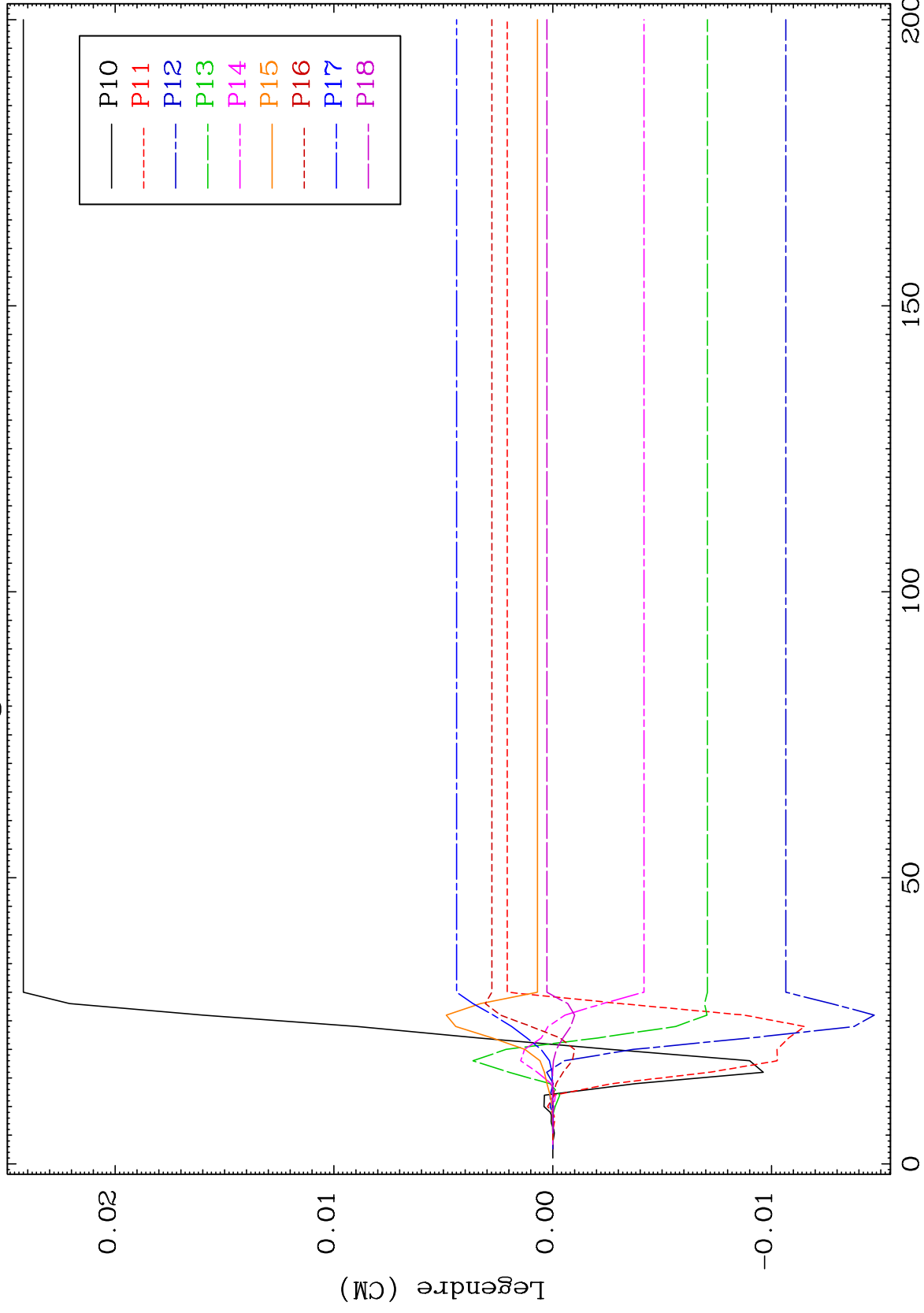
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



43

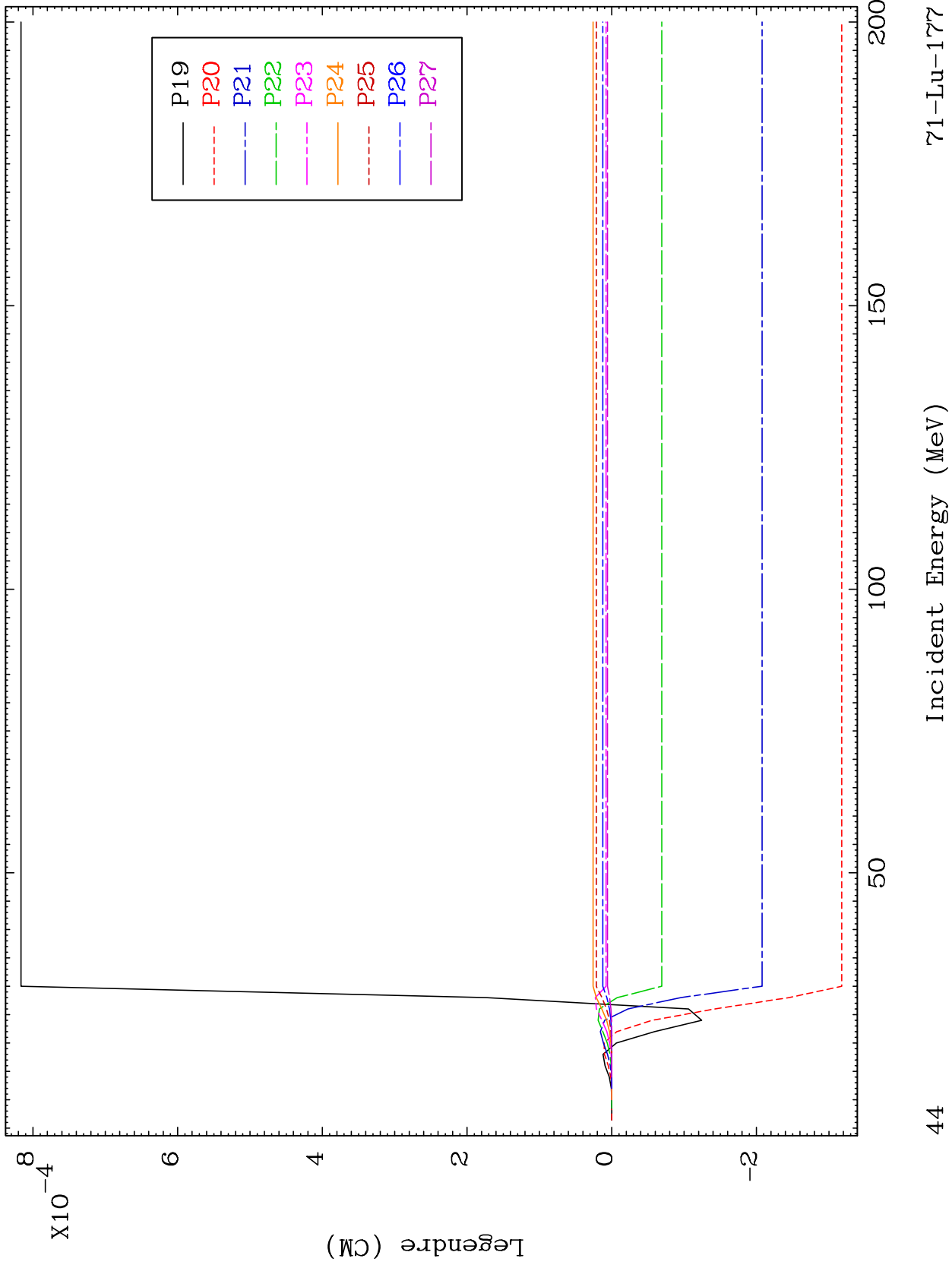
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



44

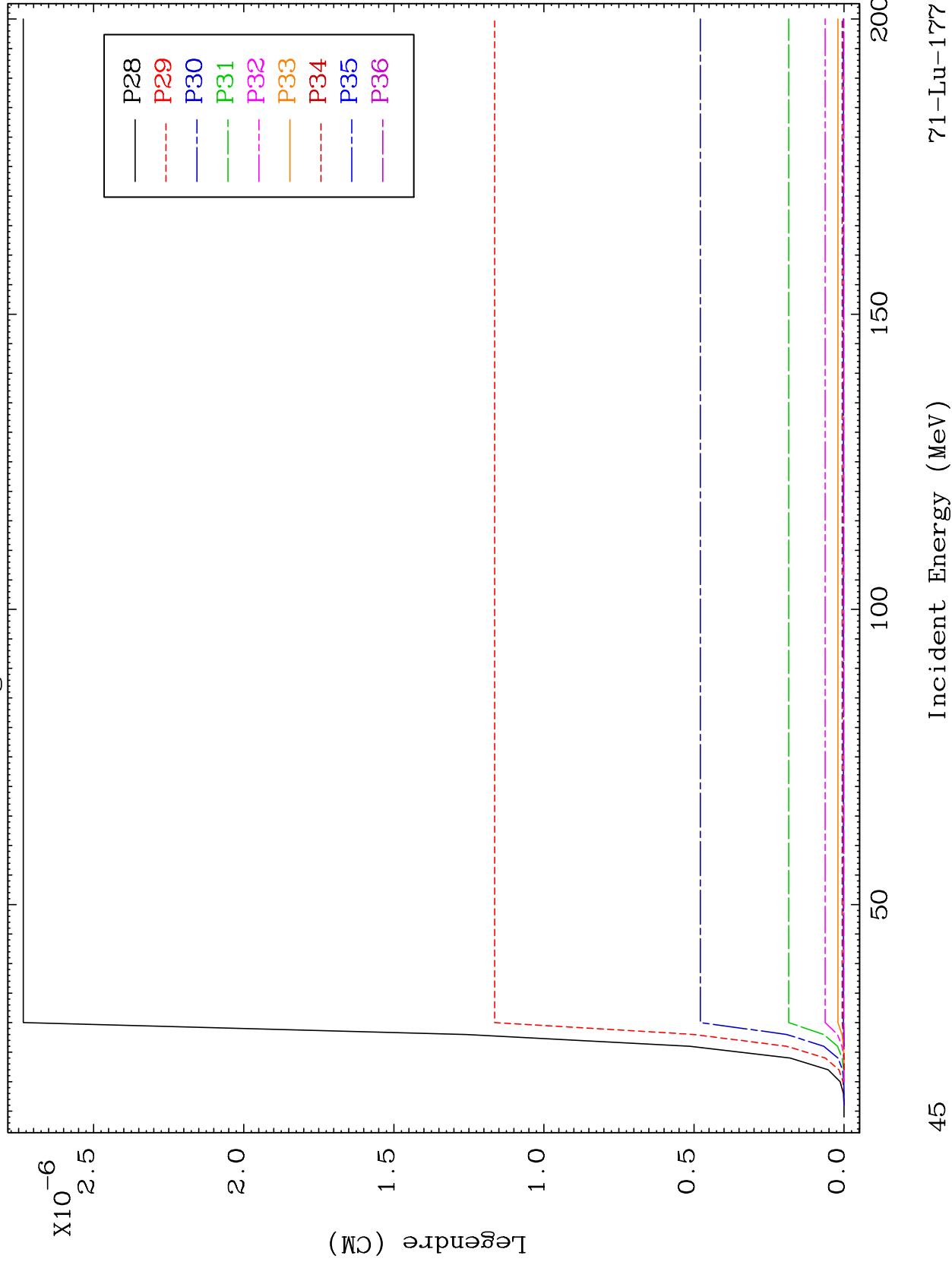
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

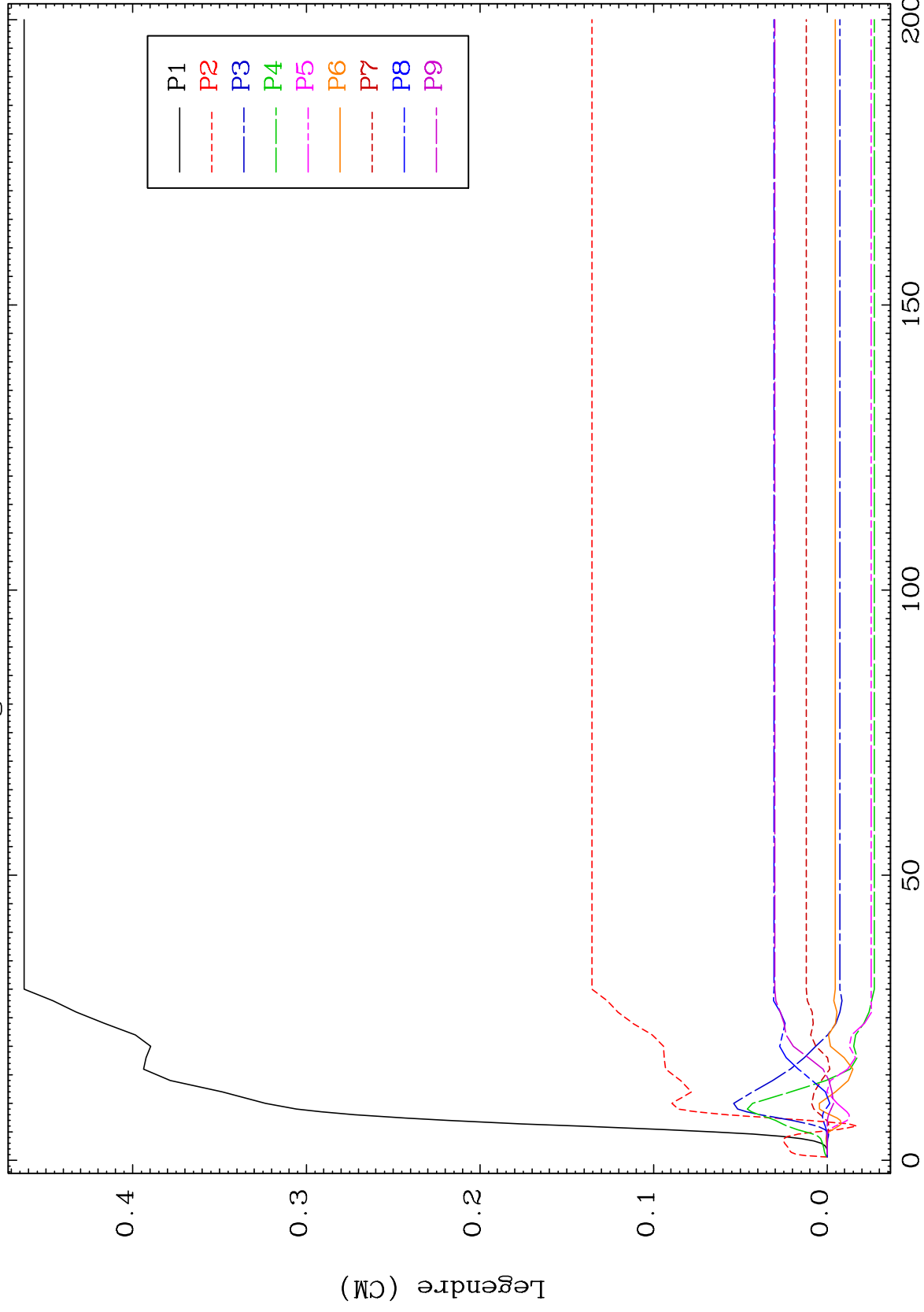
Incident Energy (MeV)

45

MAT 7131

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

71-Lu-177



46

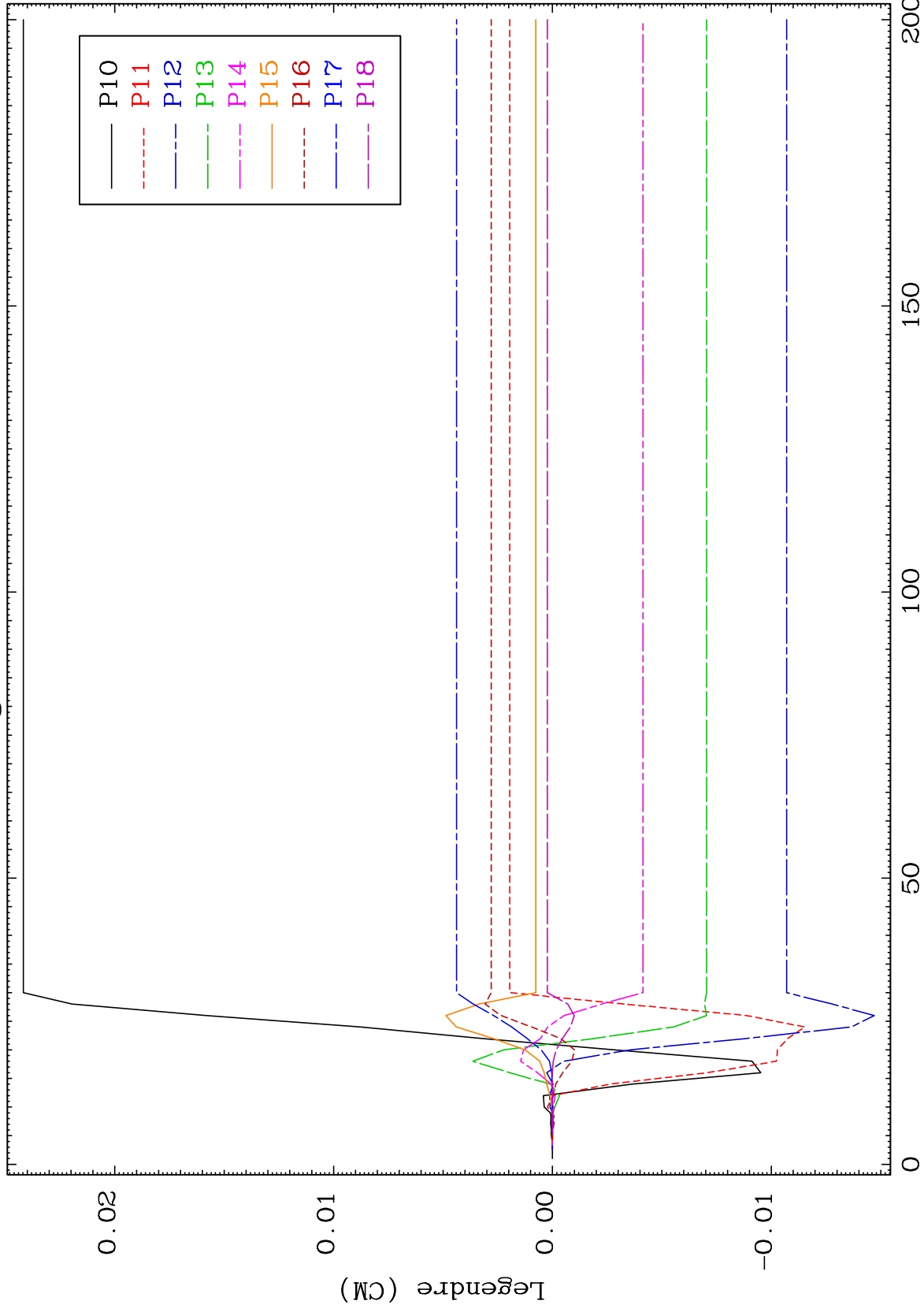
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



47

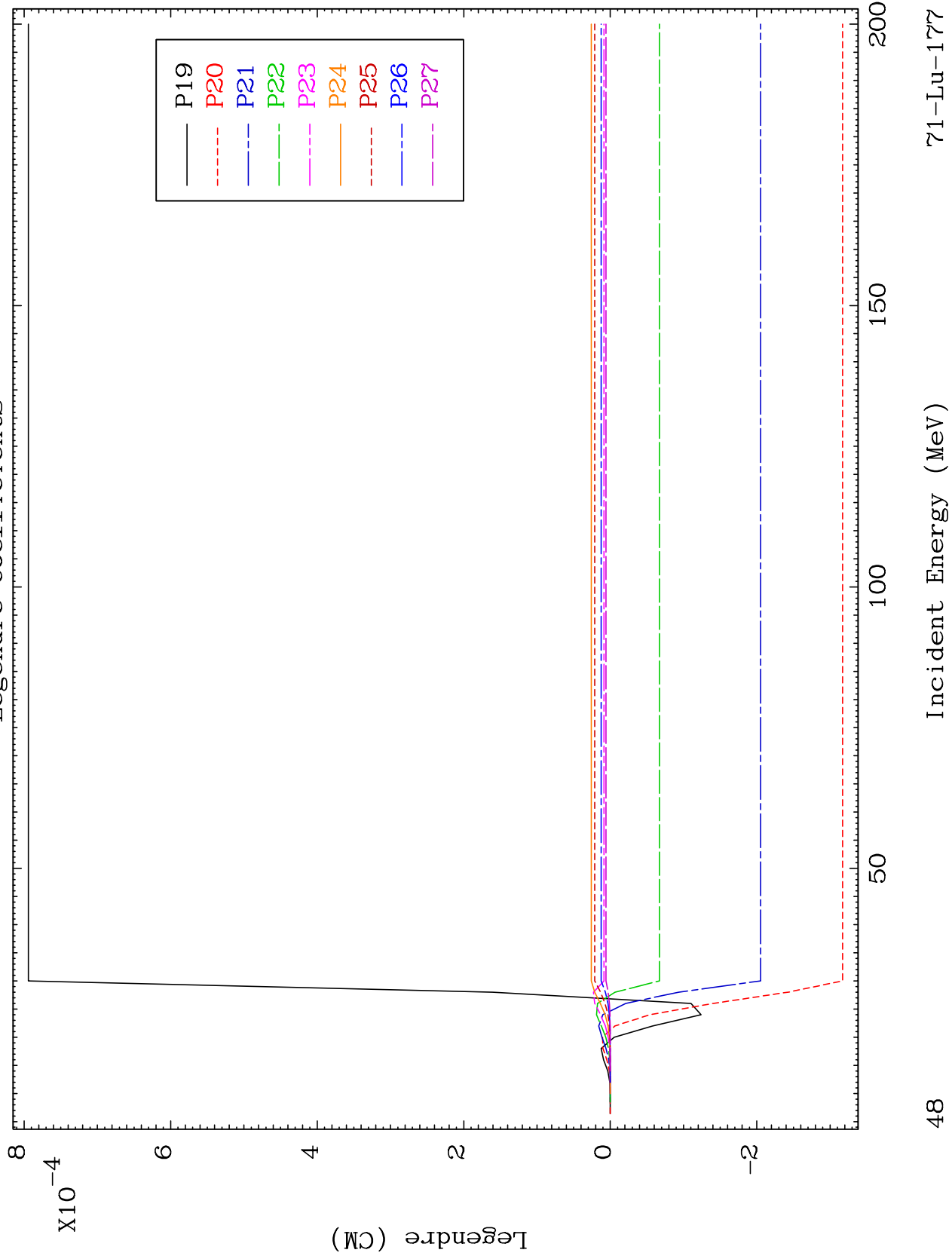
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



48

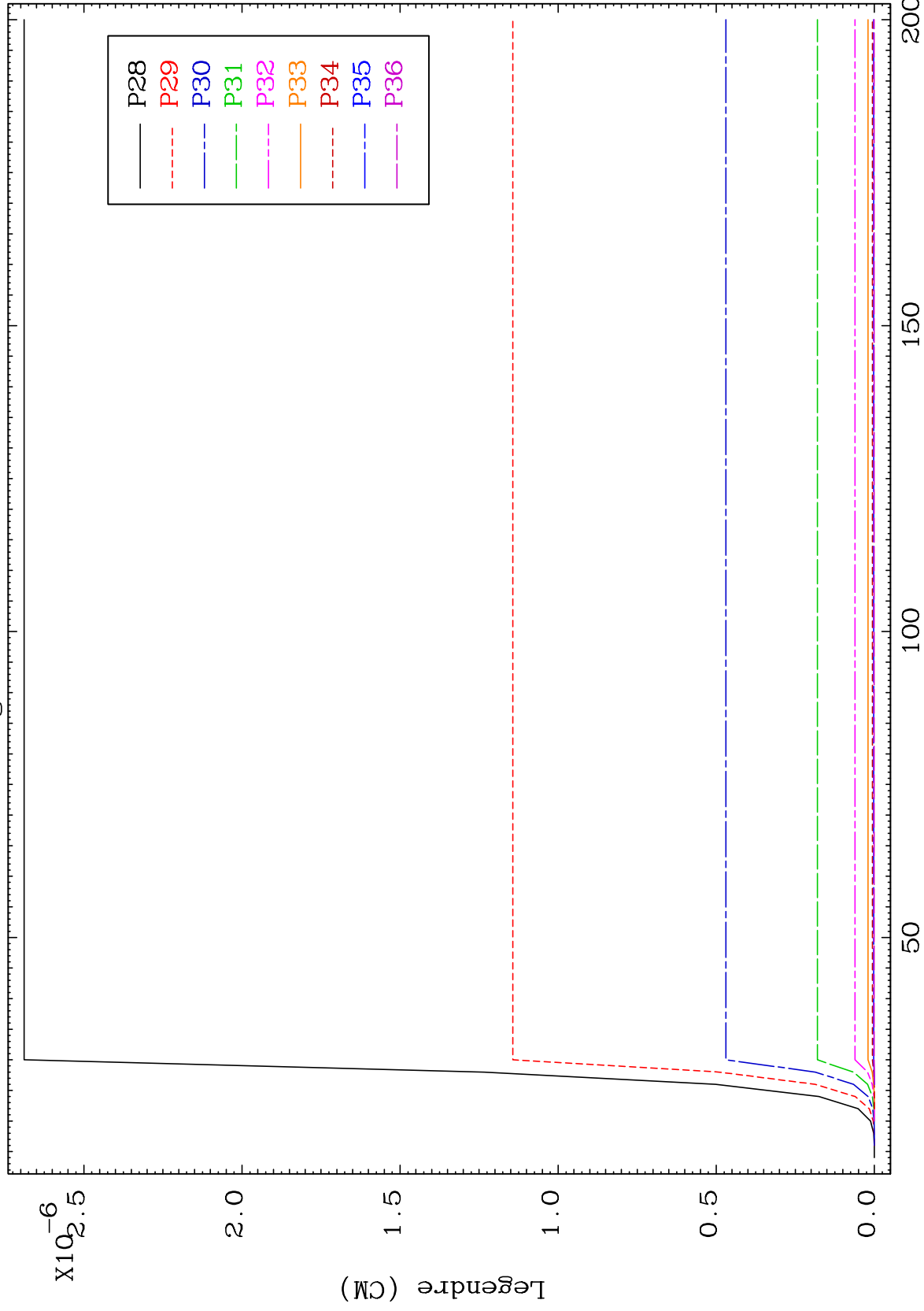
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

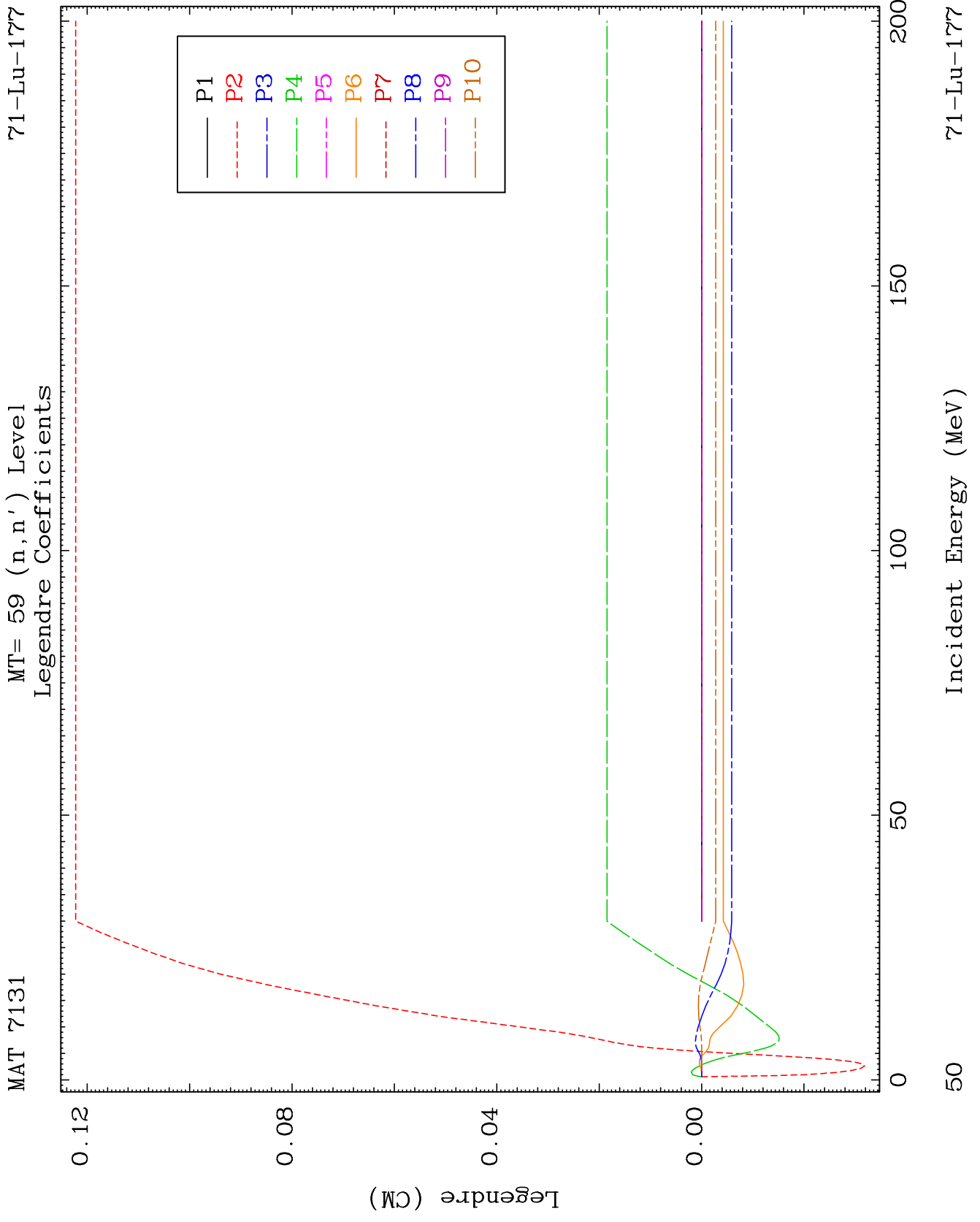
71-Lu-177



49

Incident Energy (MeV)

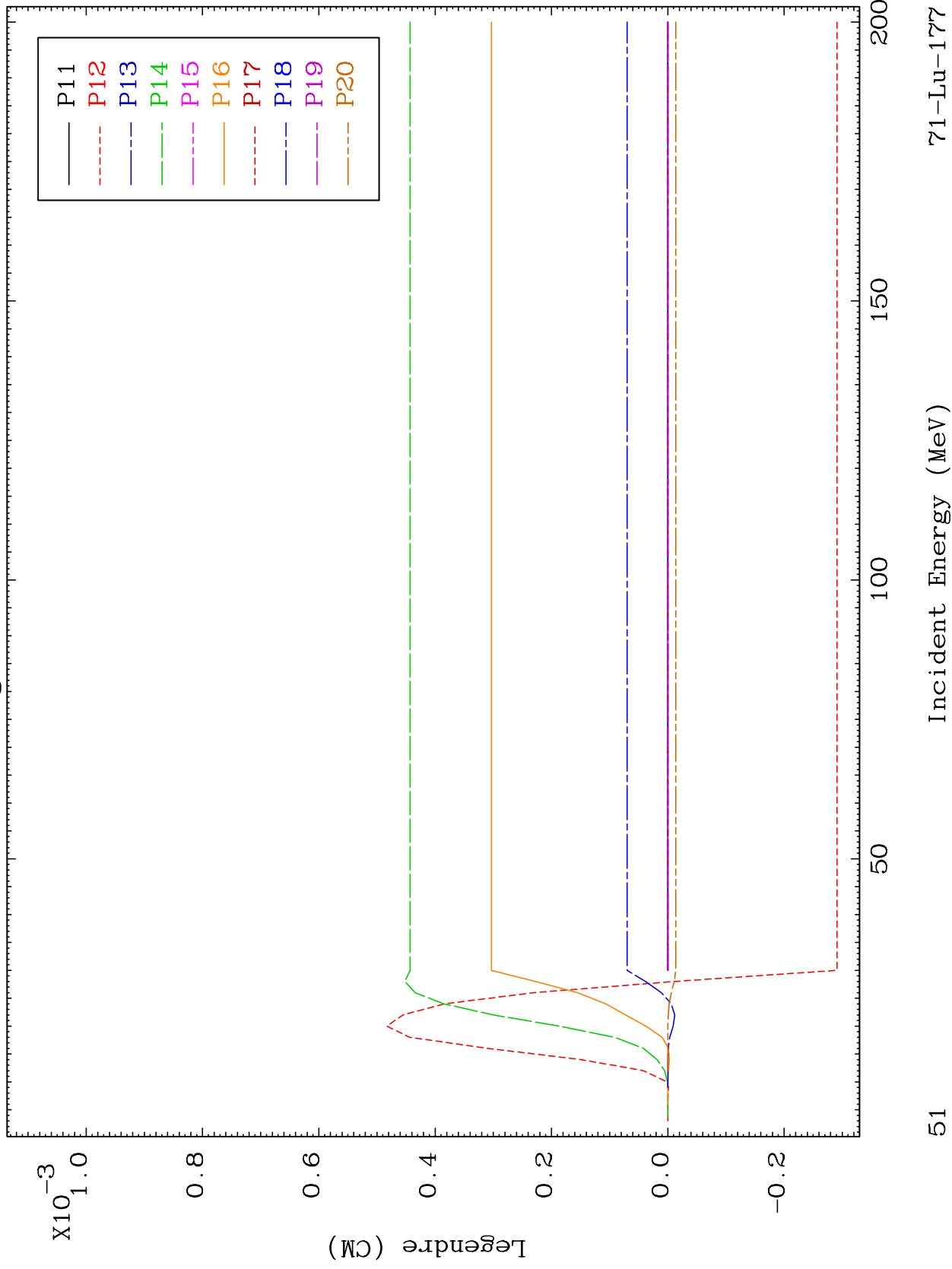
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MAT 7131

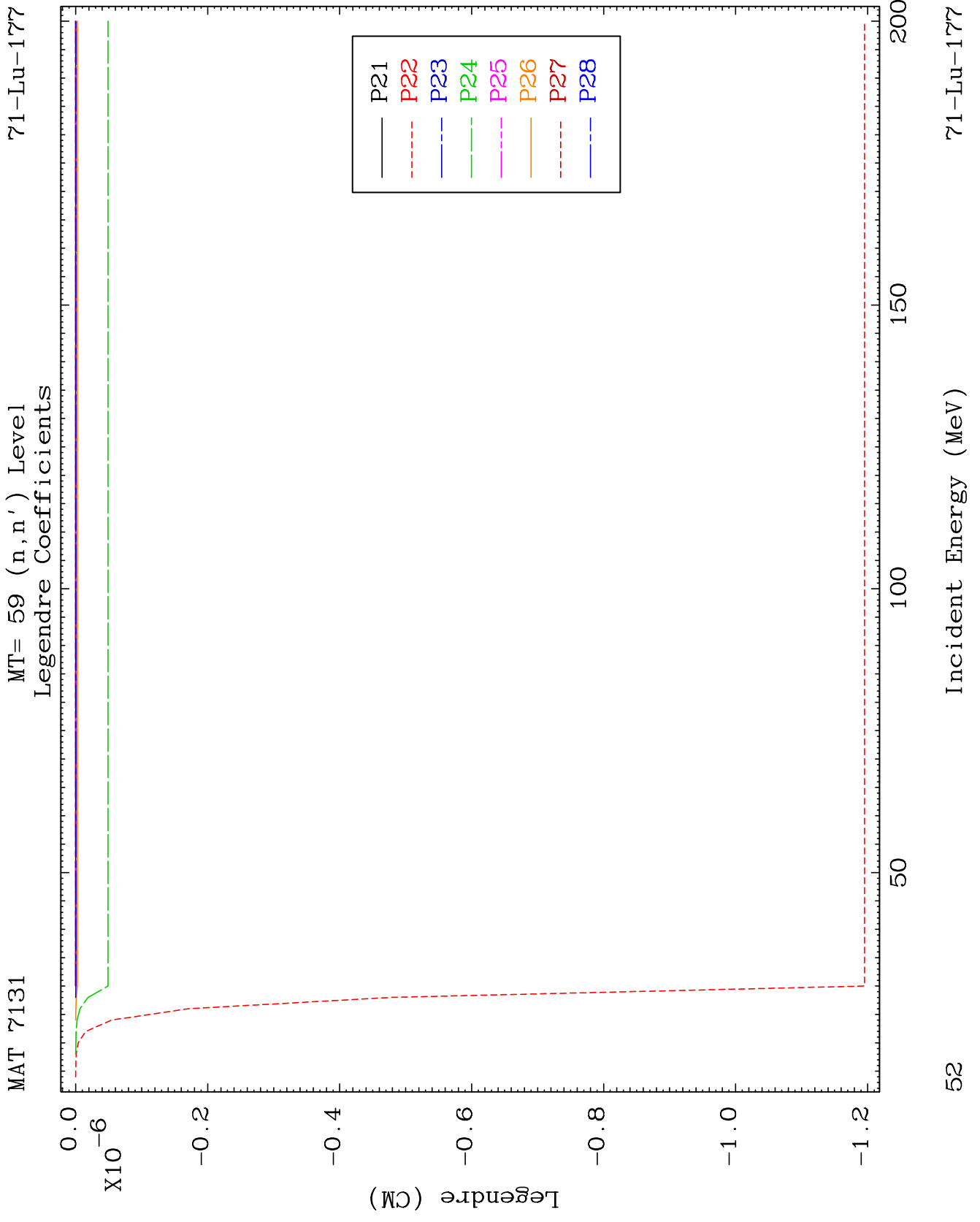
MT= 59 (n,n') Level  
Legendre Coefficients

71-Lu-177



51

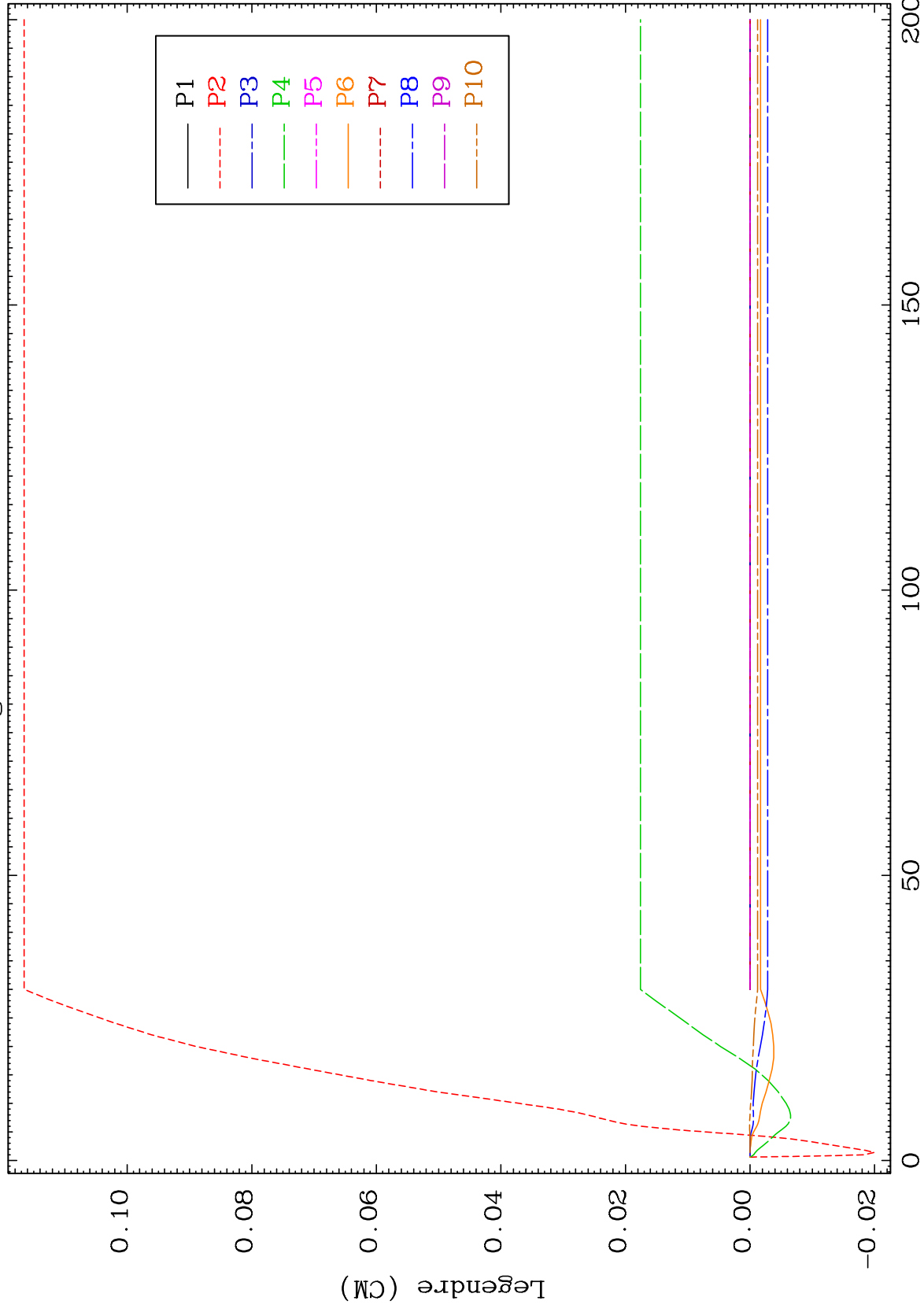
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MAT 7131

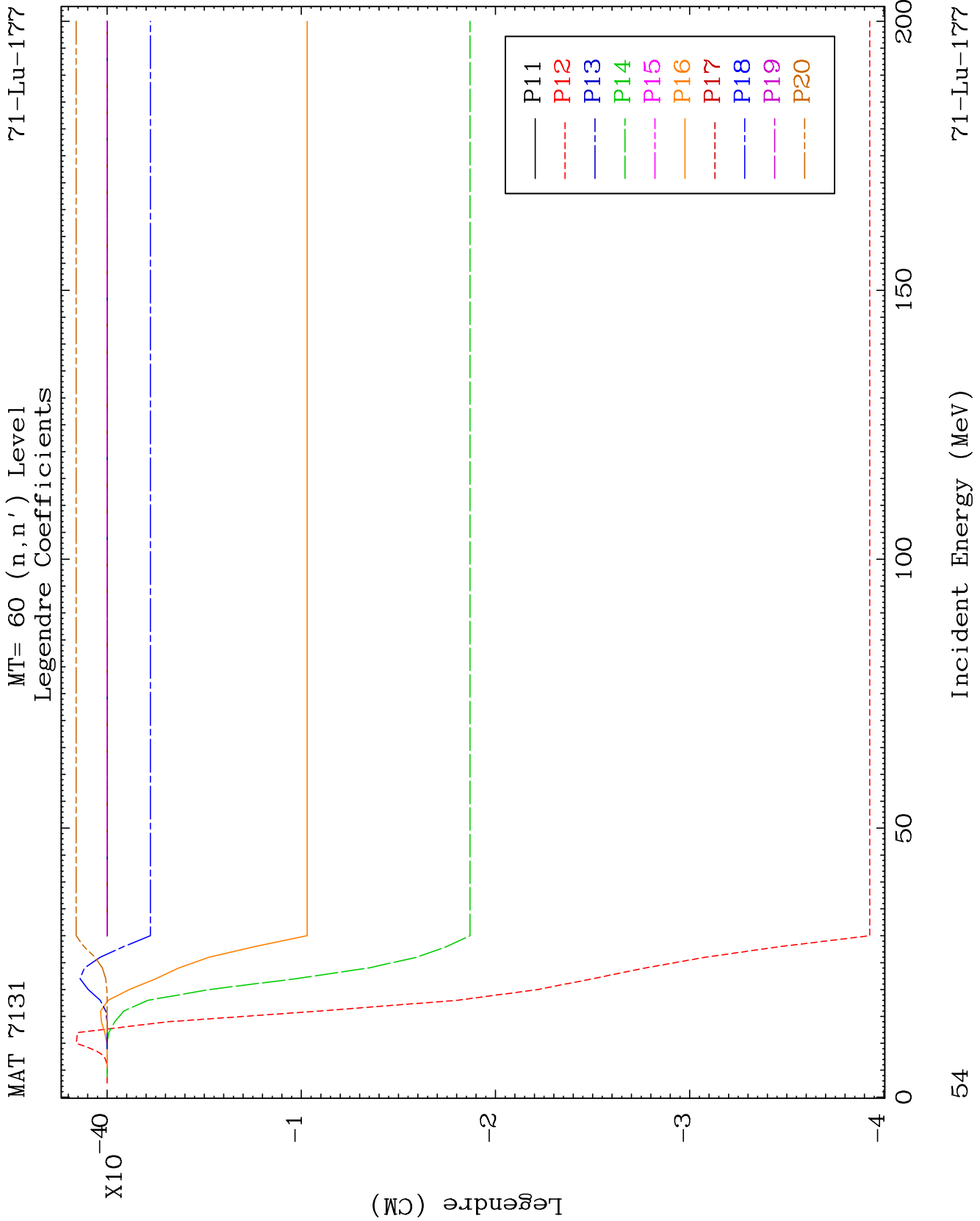
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Legendre Coefficients

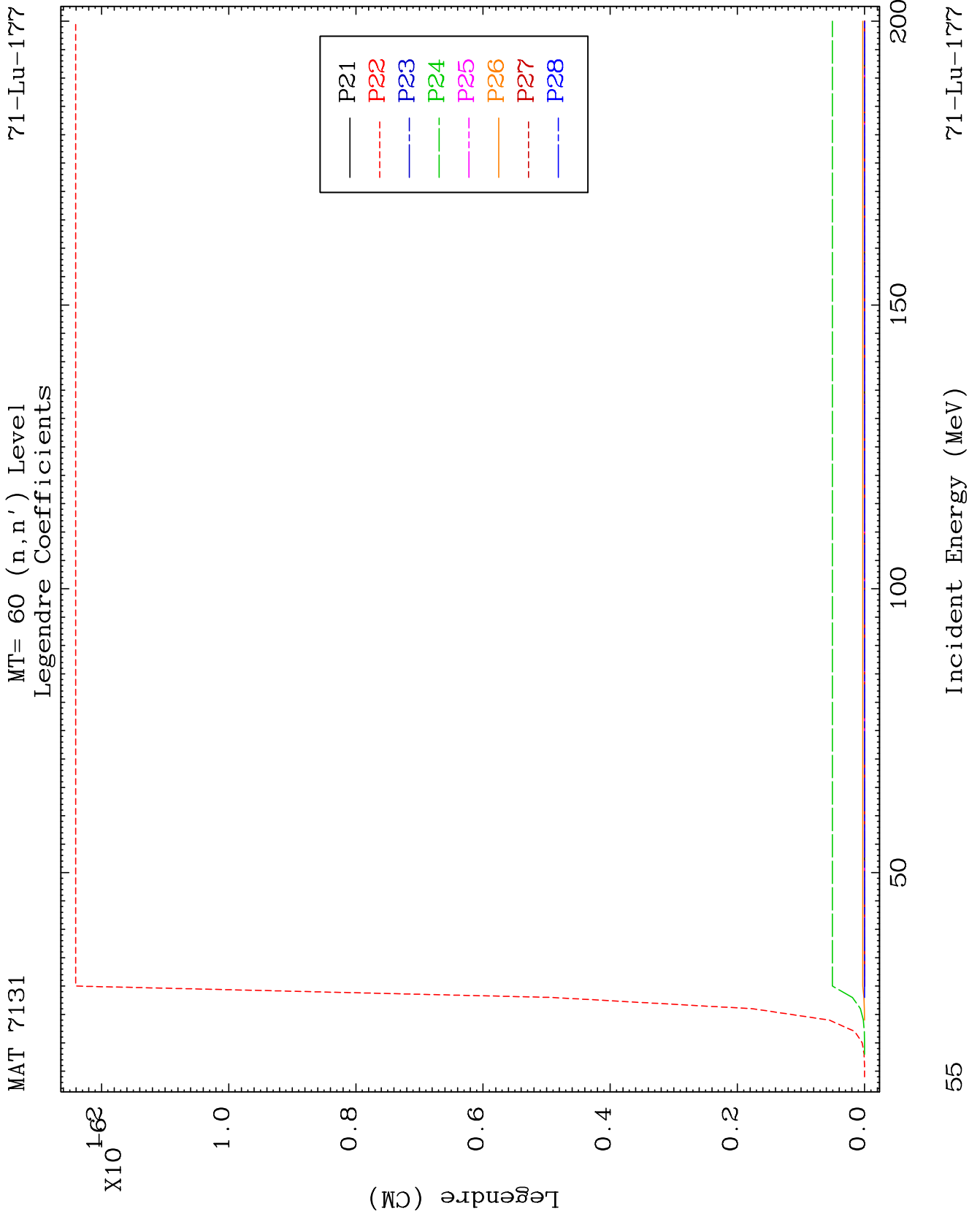
71-Lu-177



53

71-Lu-177

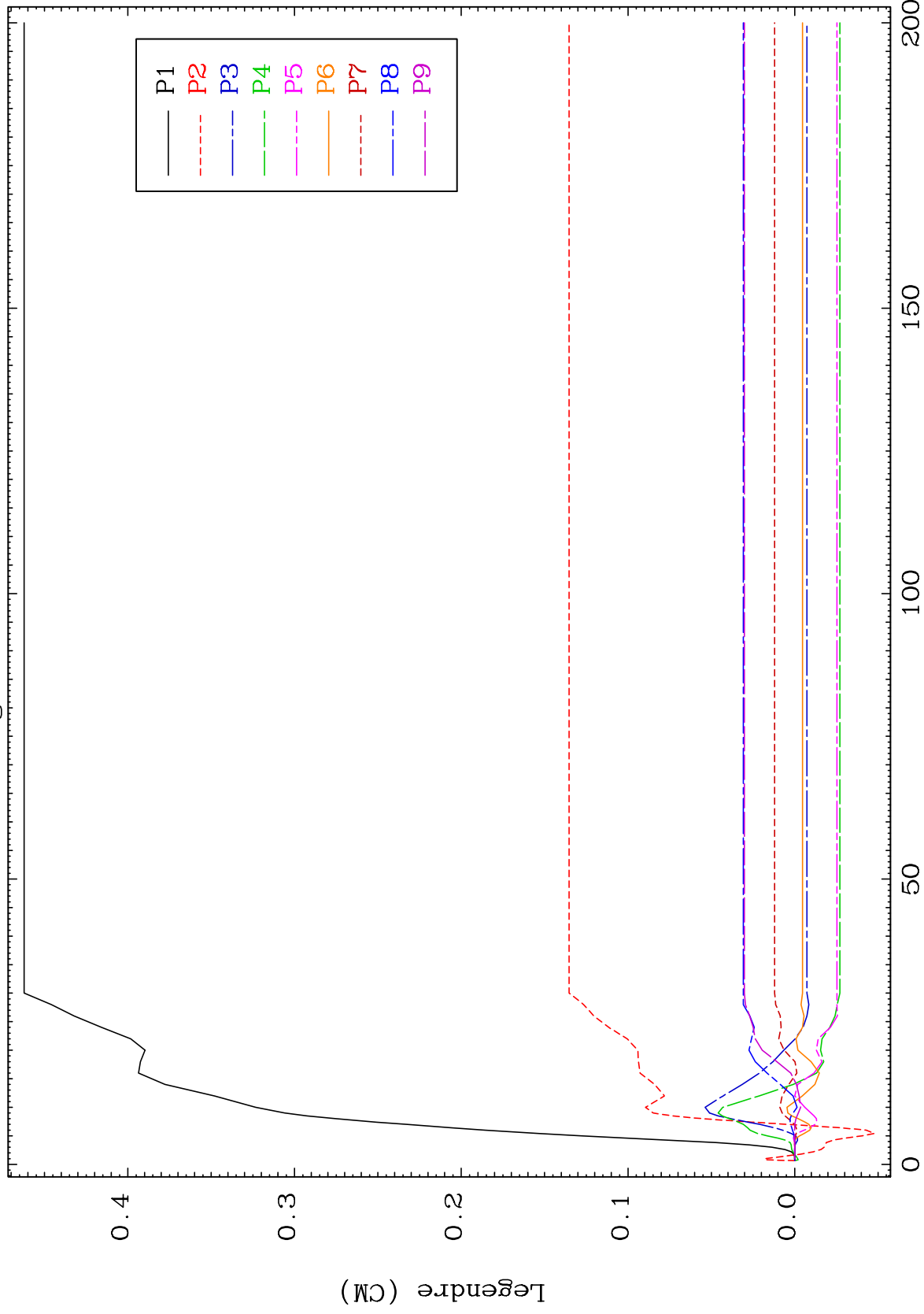




MAT 7131

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

71-Lu-177



56

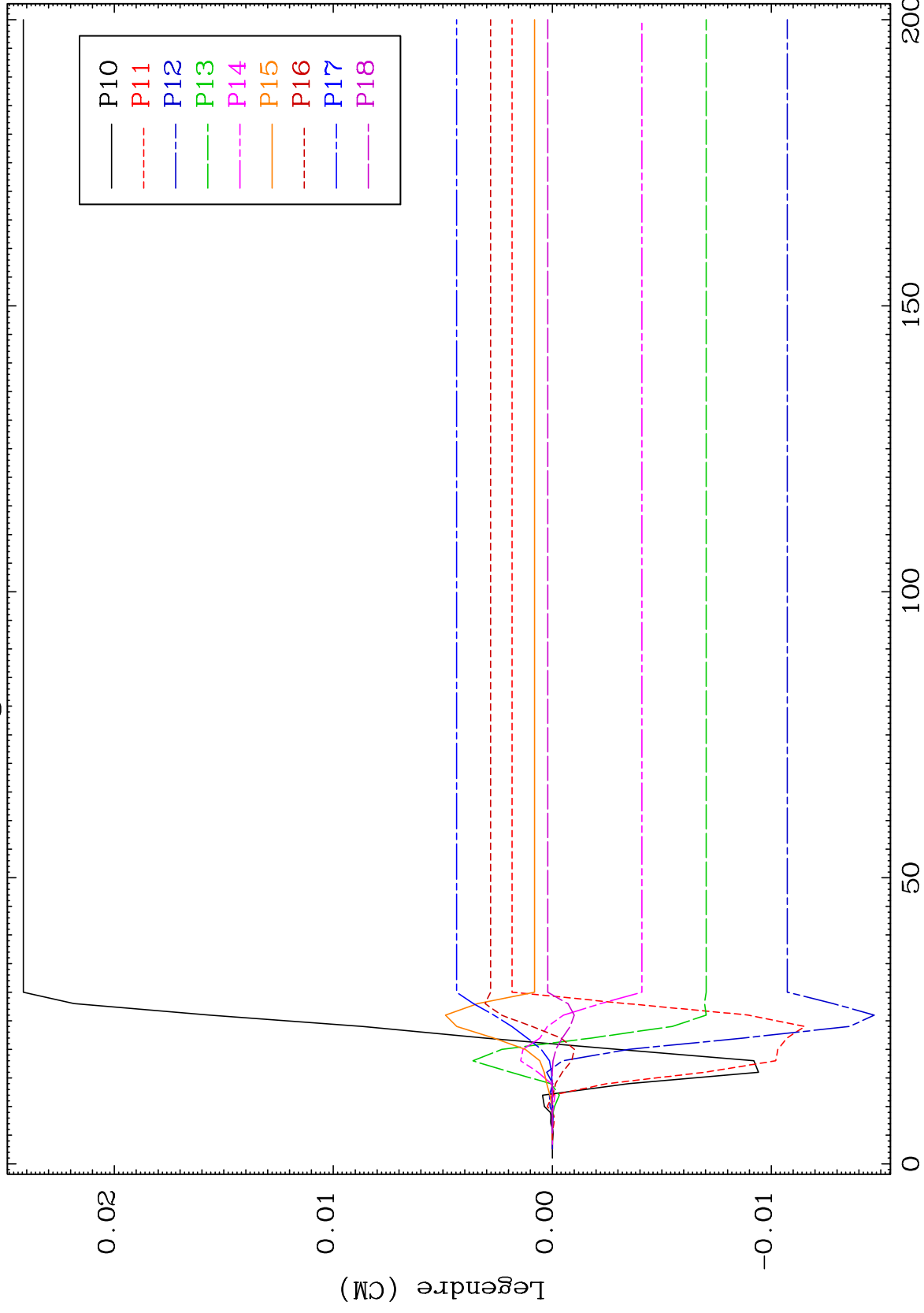
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

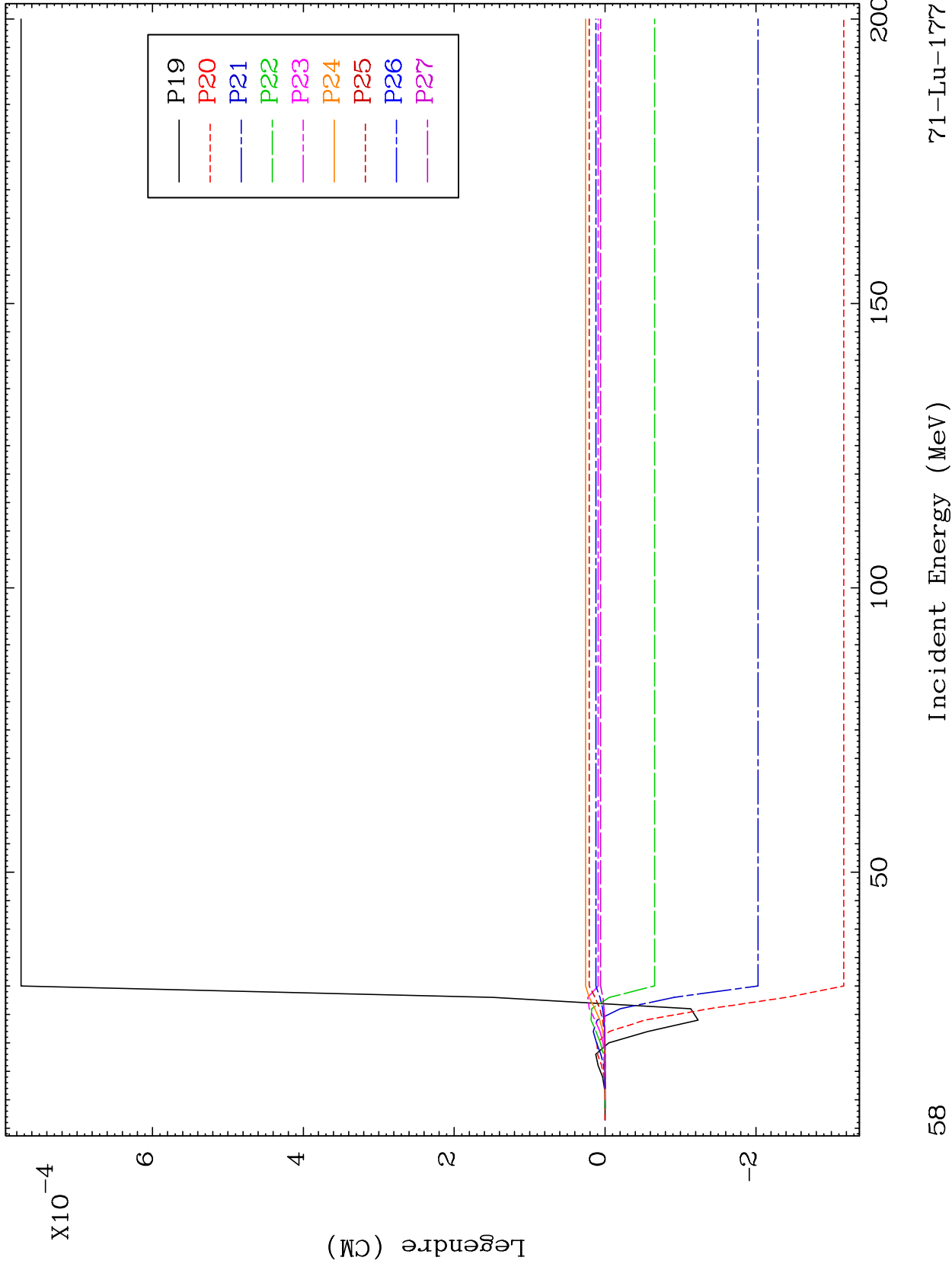
71-Lu-177



57

Incident Energy (MeV)

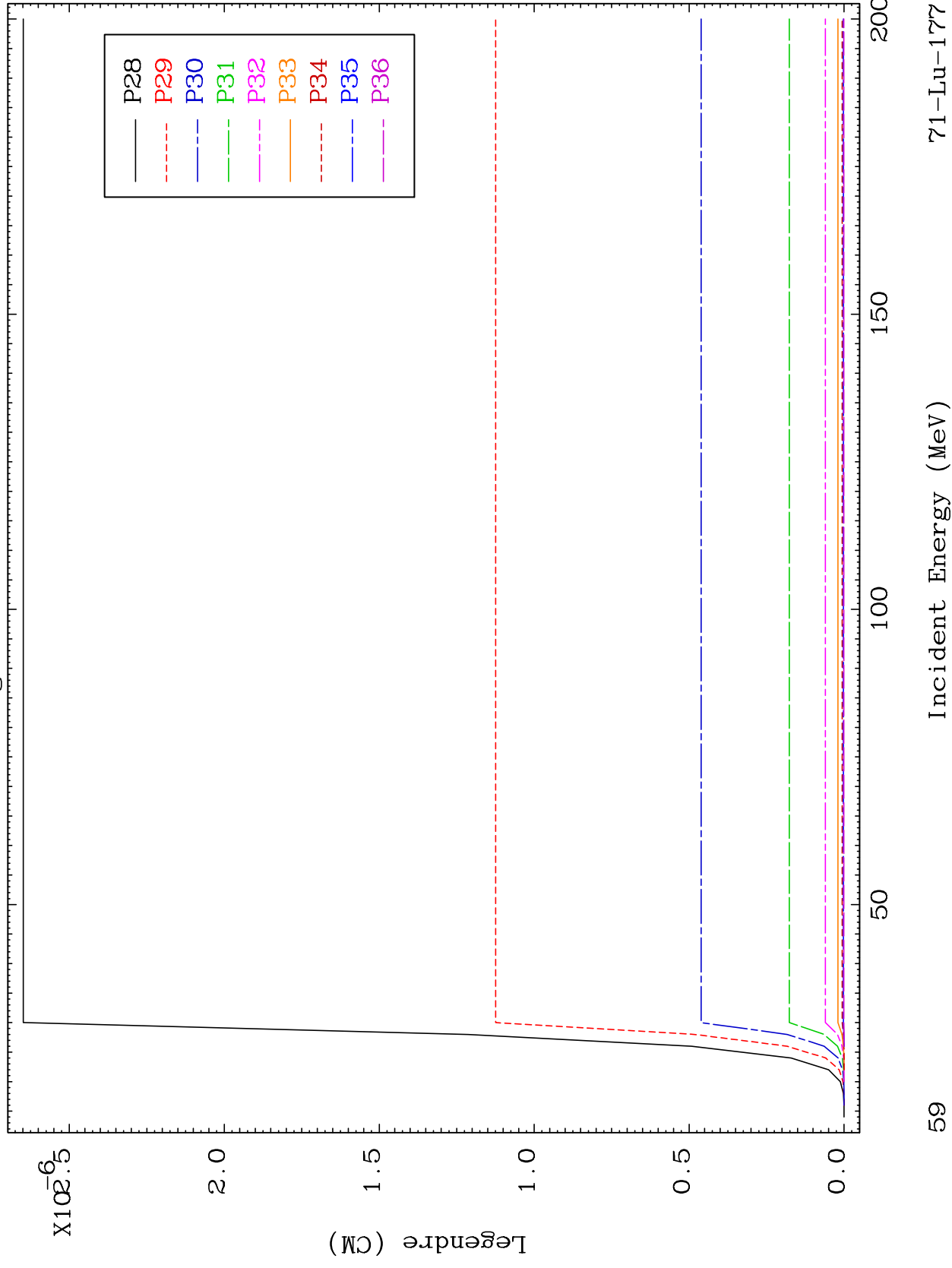
71-Lu-177



MAT 7131

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

71-Lu-177



59

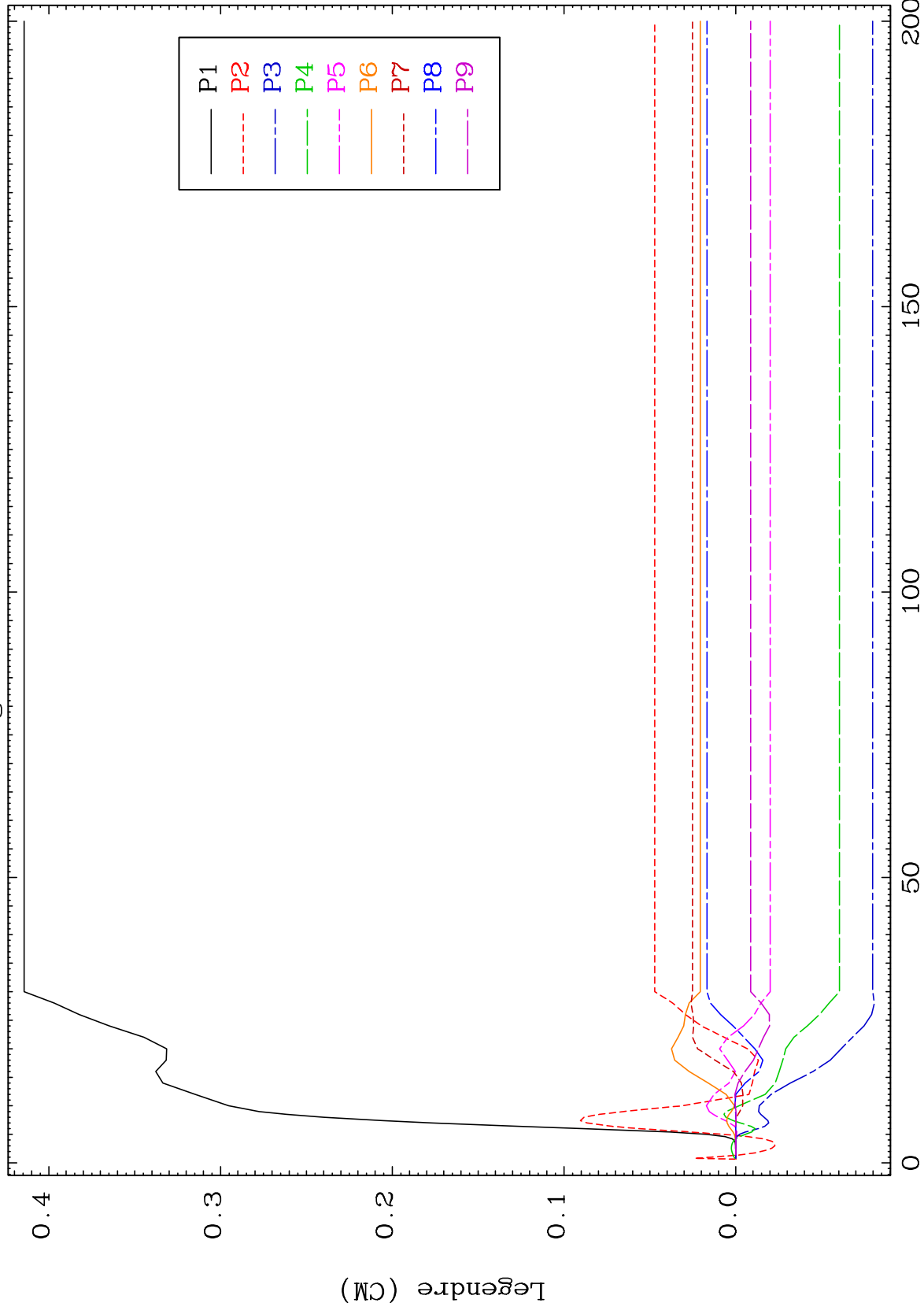
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

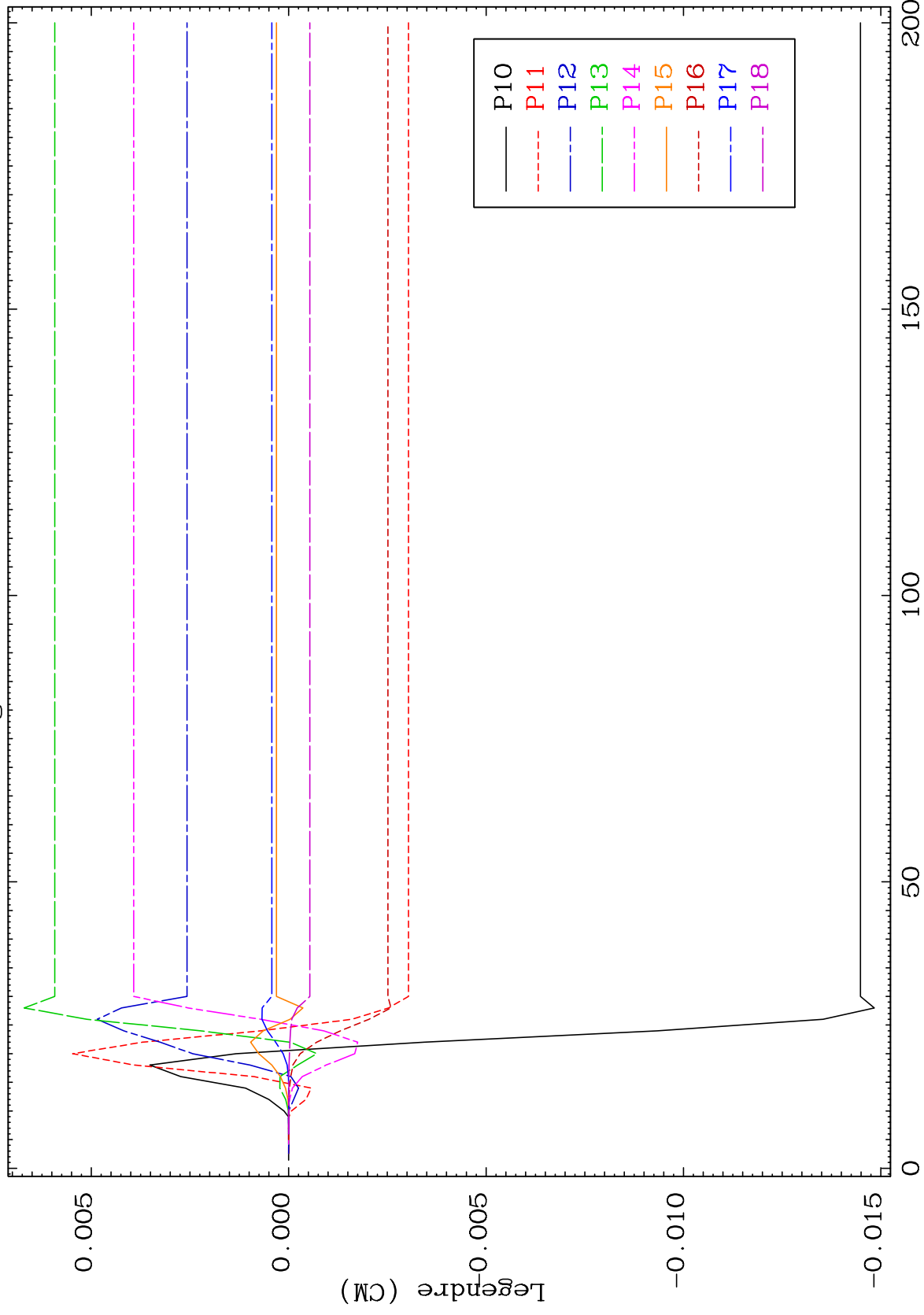
Incident Energy (MeV)

60

MAT 7131

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

71-Lu-177



61

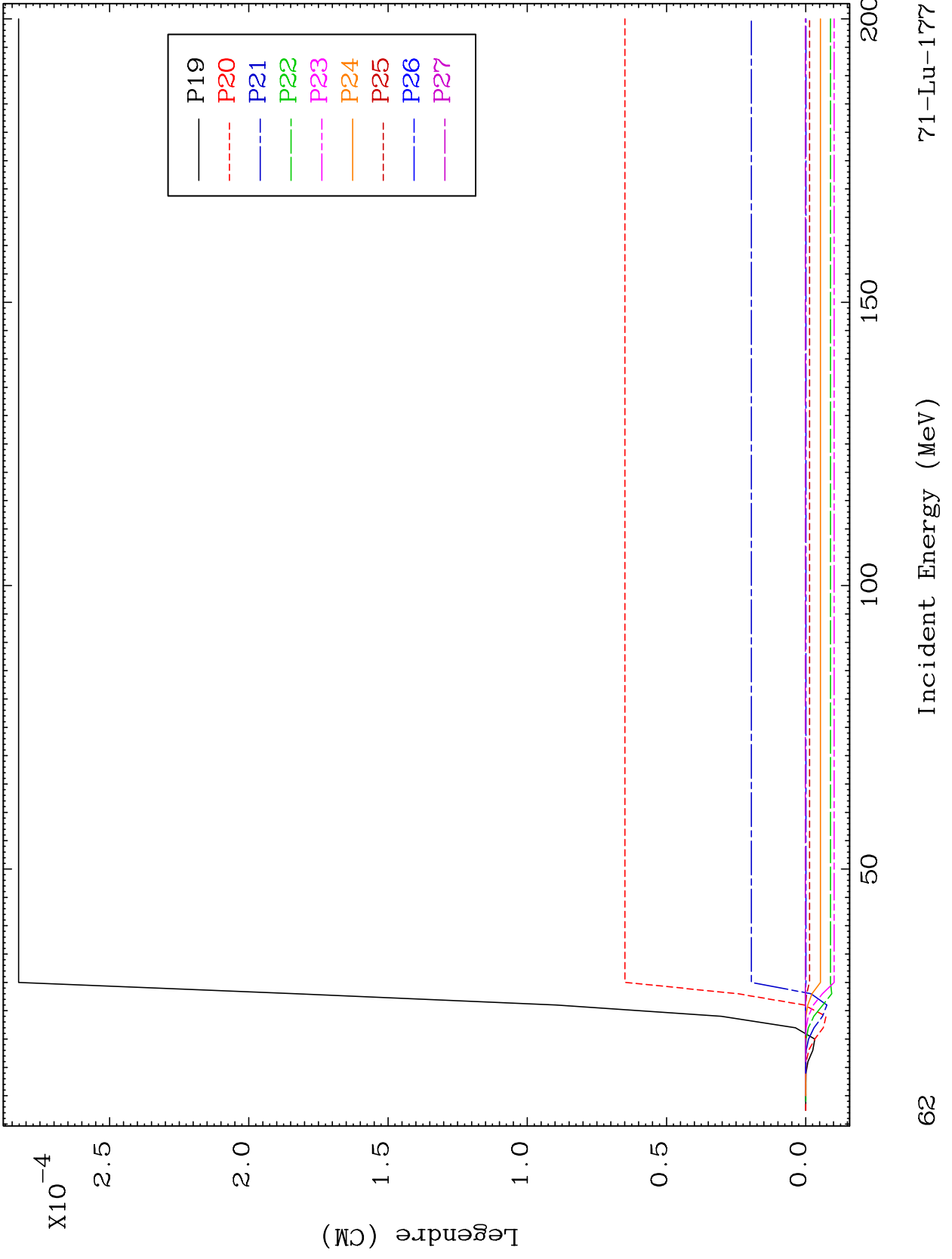
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



62

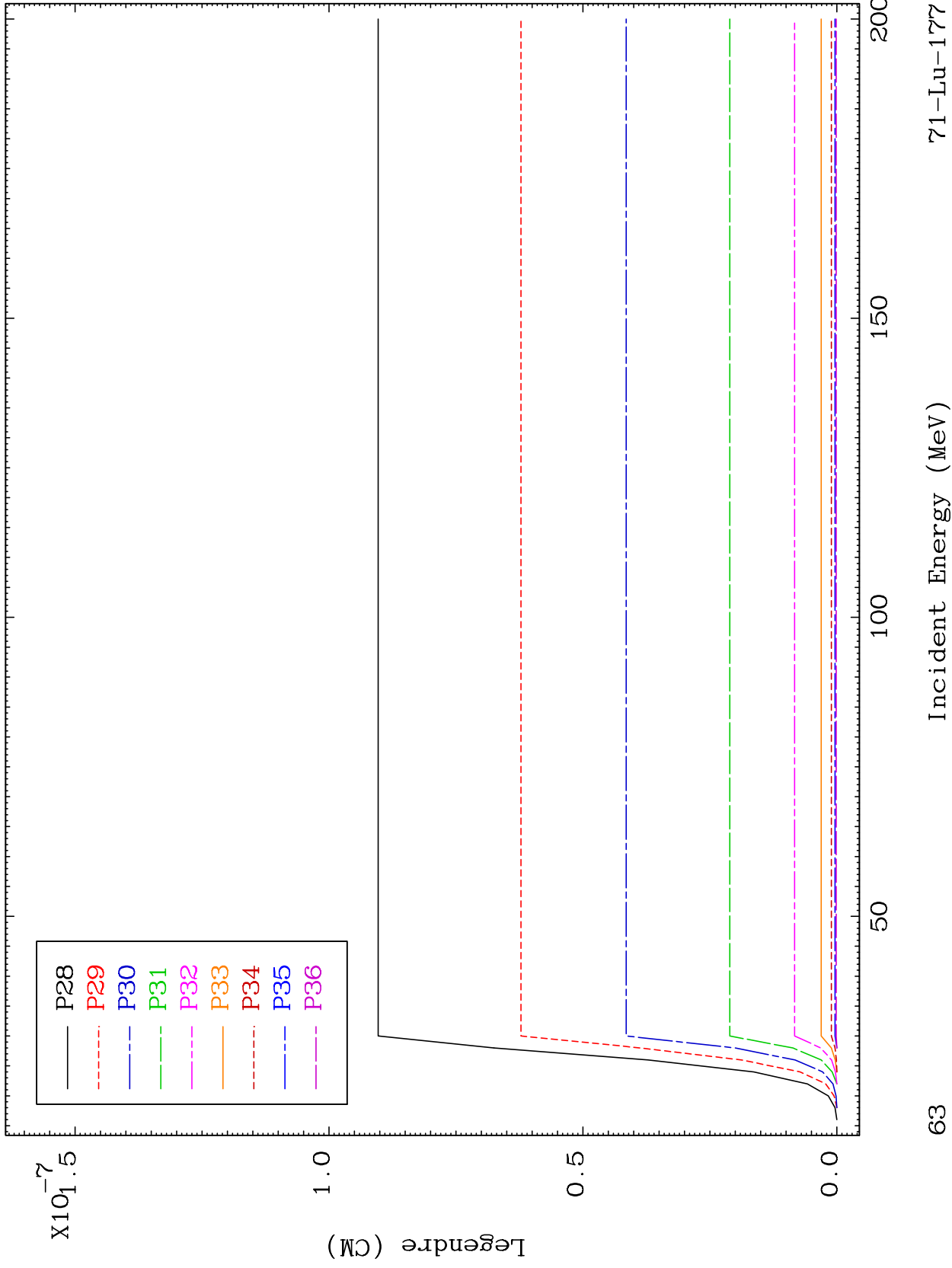
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

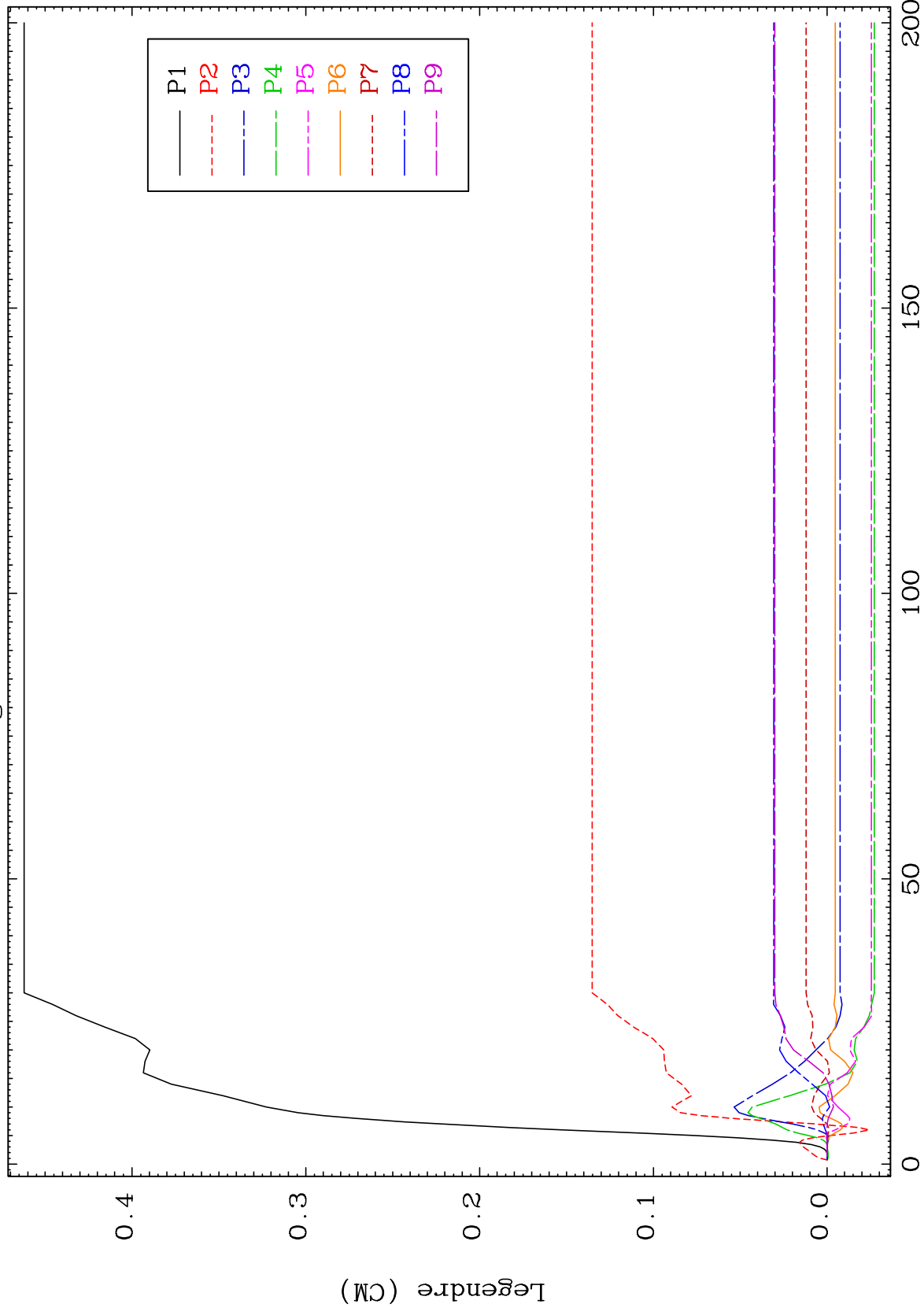
71-Lu-177



MAT 7131

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

71-Lu-177



71-Lu-177

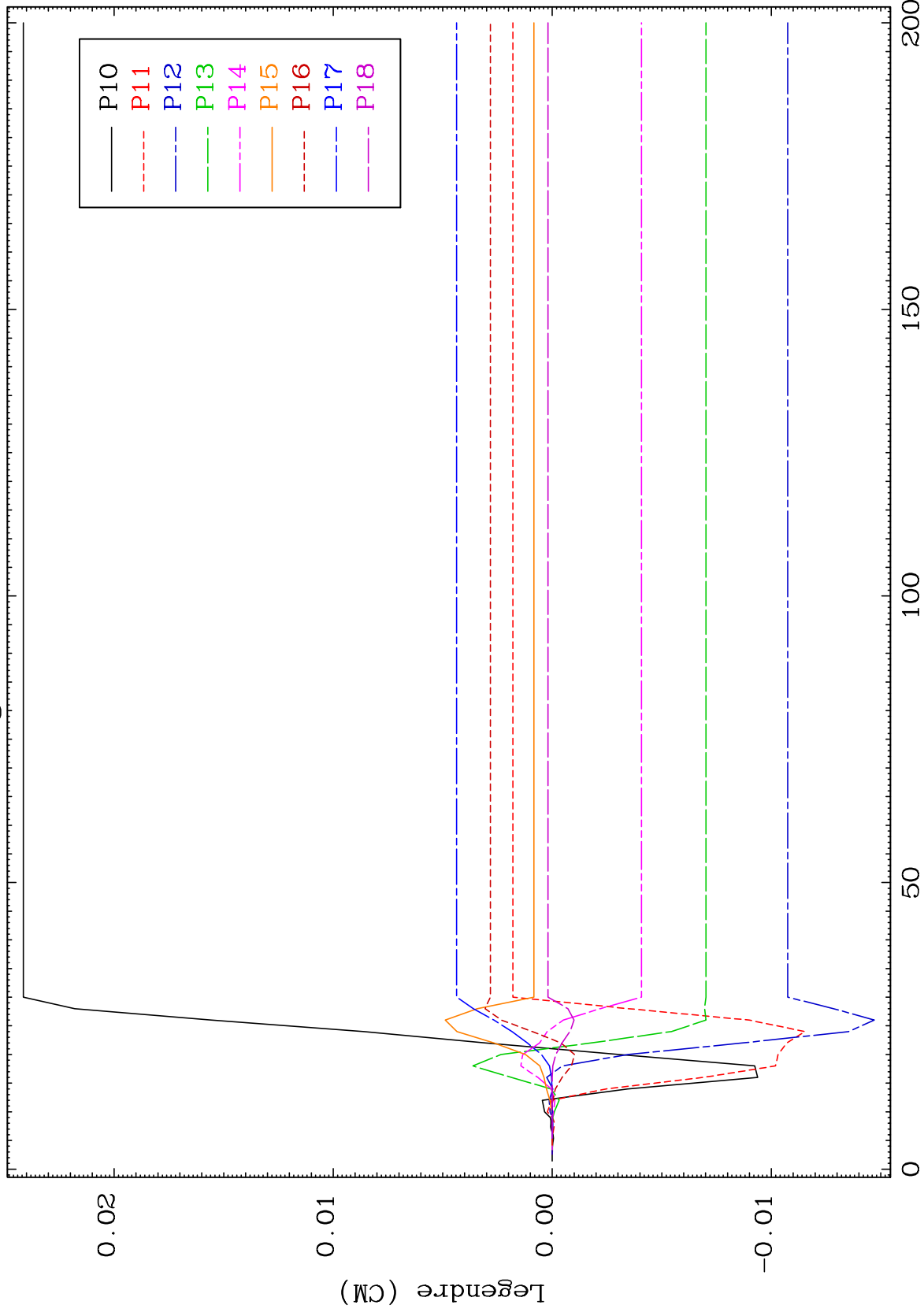
Incident Energy (MeV)

64

MAT 7131

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

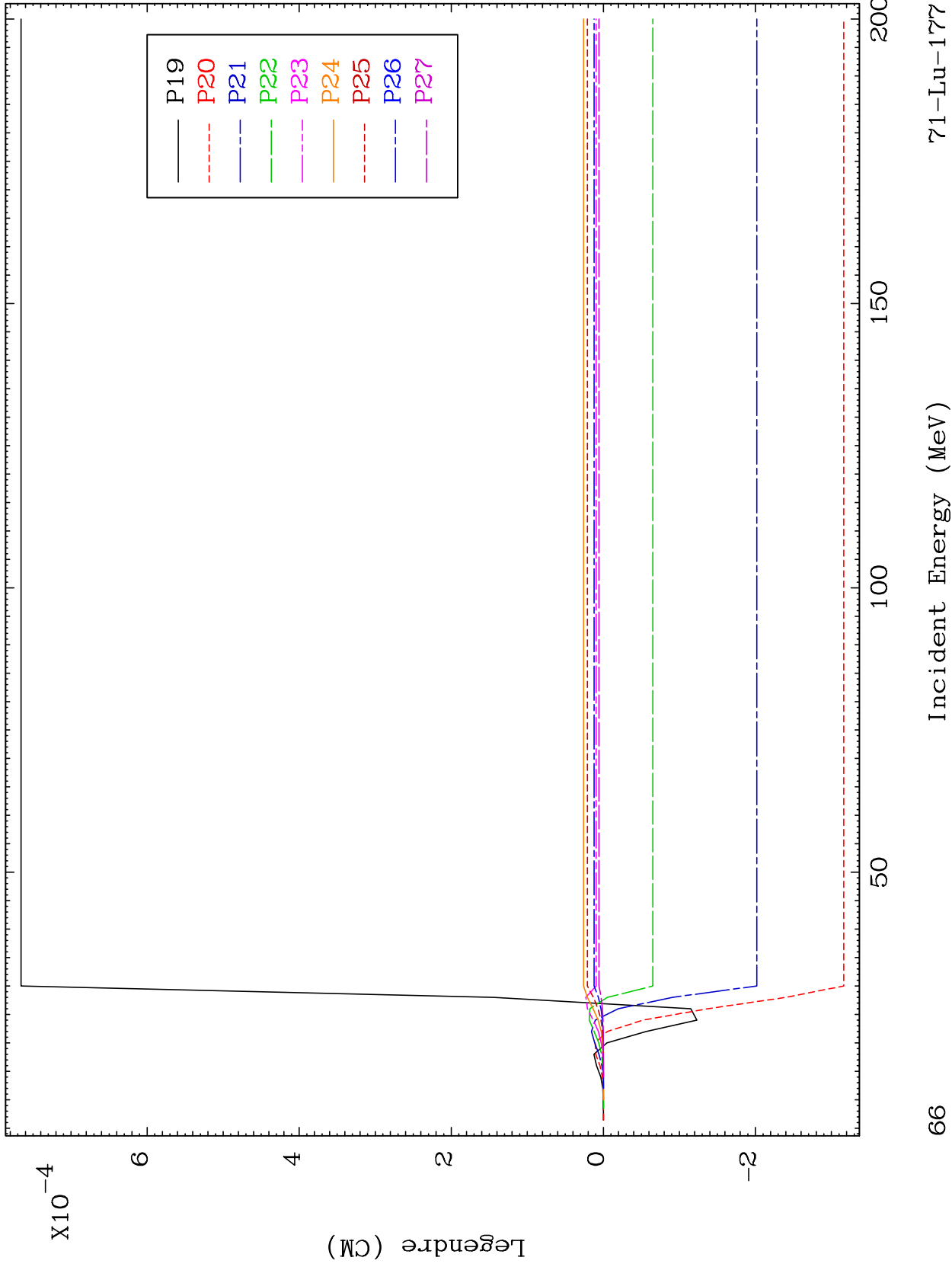
71-Lu-177



65

Incident Energy (MeV)

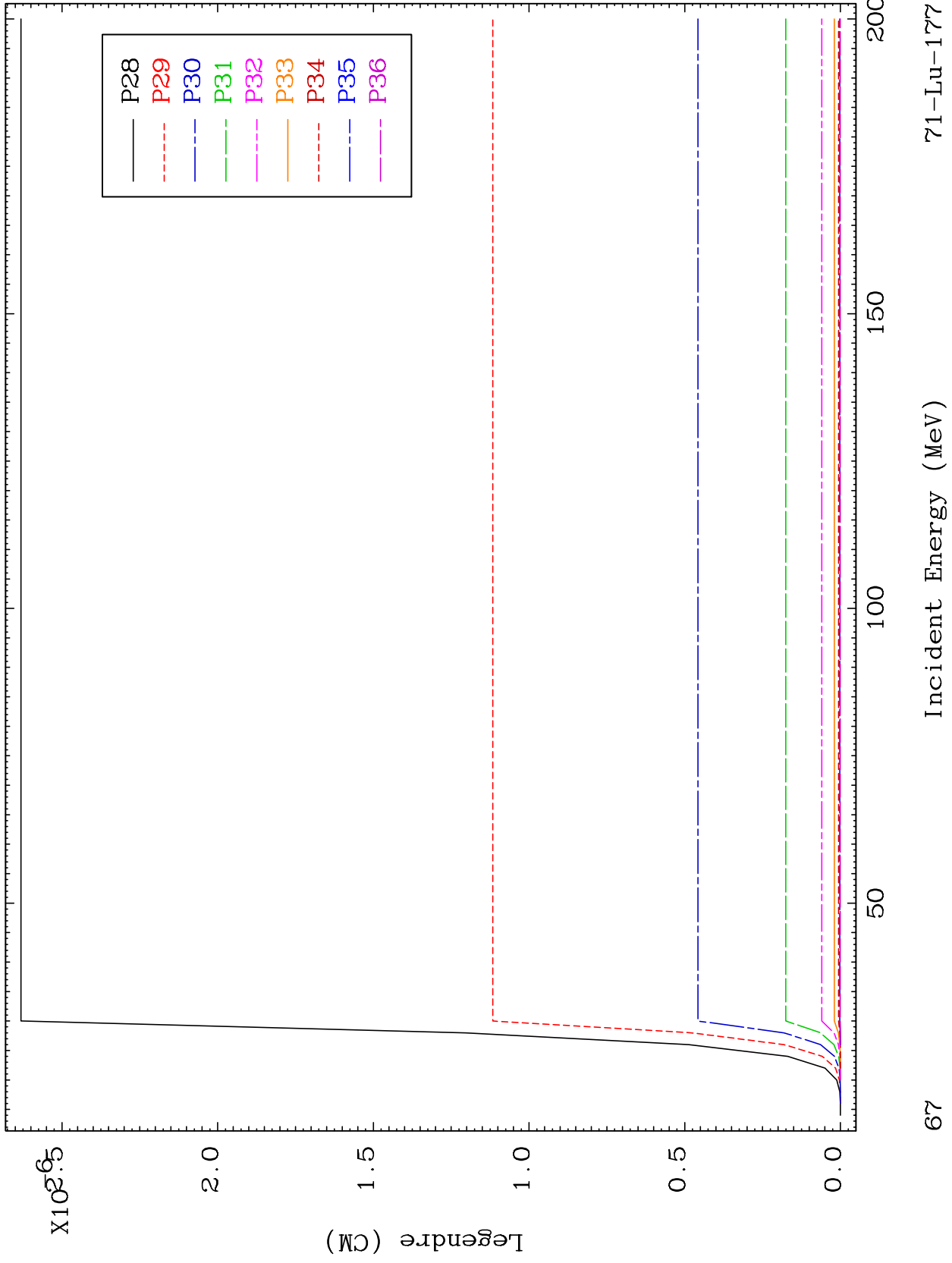
71-Lu-177



MAT 7131

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

71-Lu-177

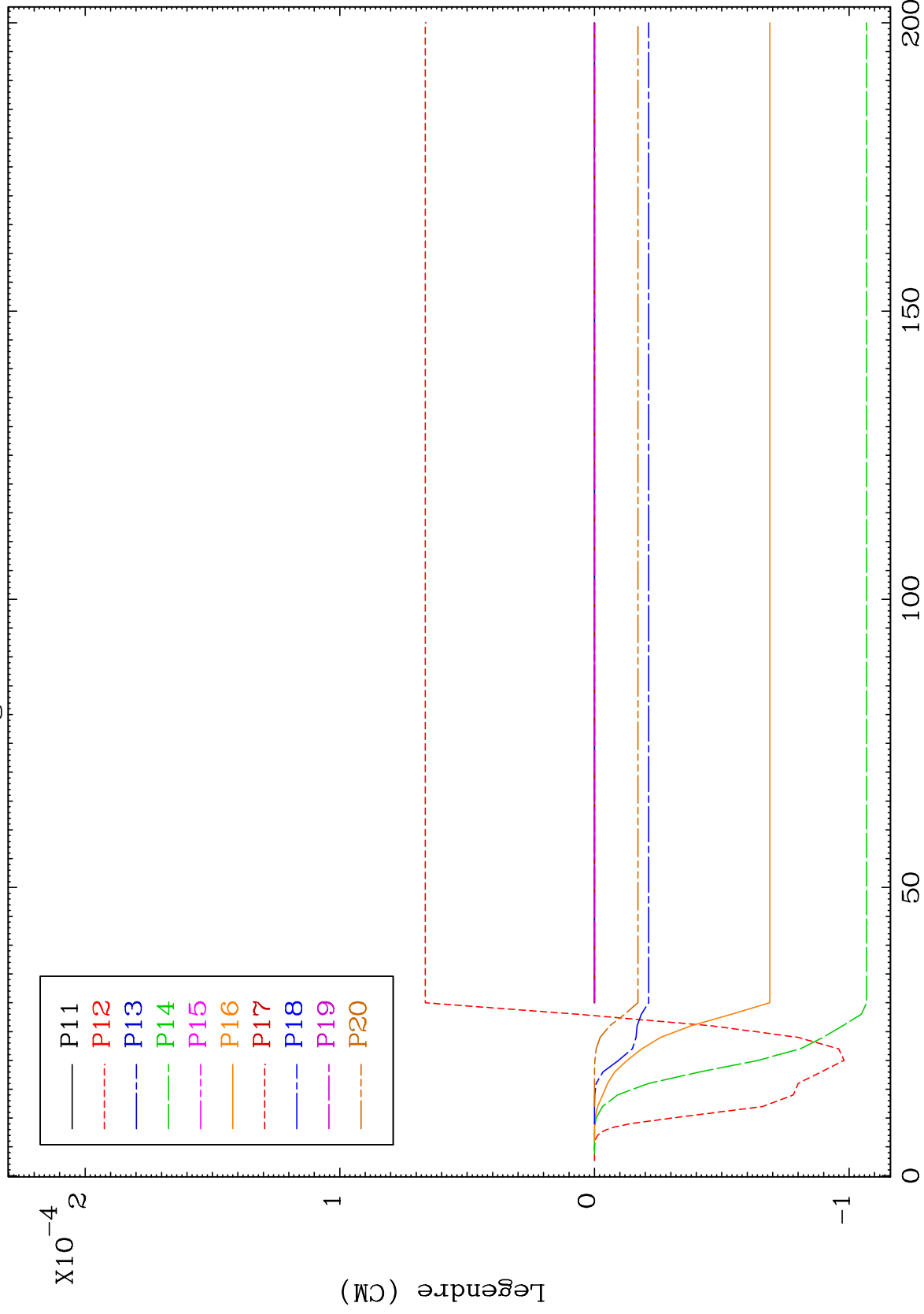




MAT 7131

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

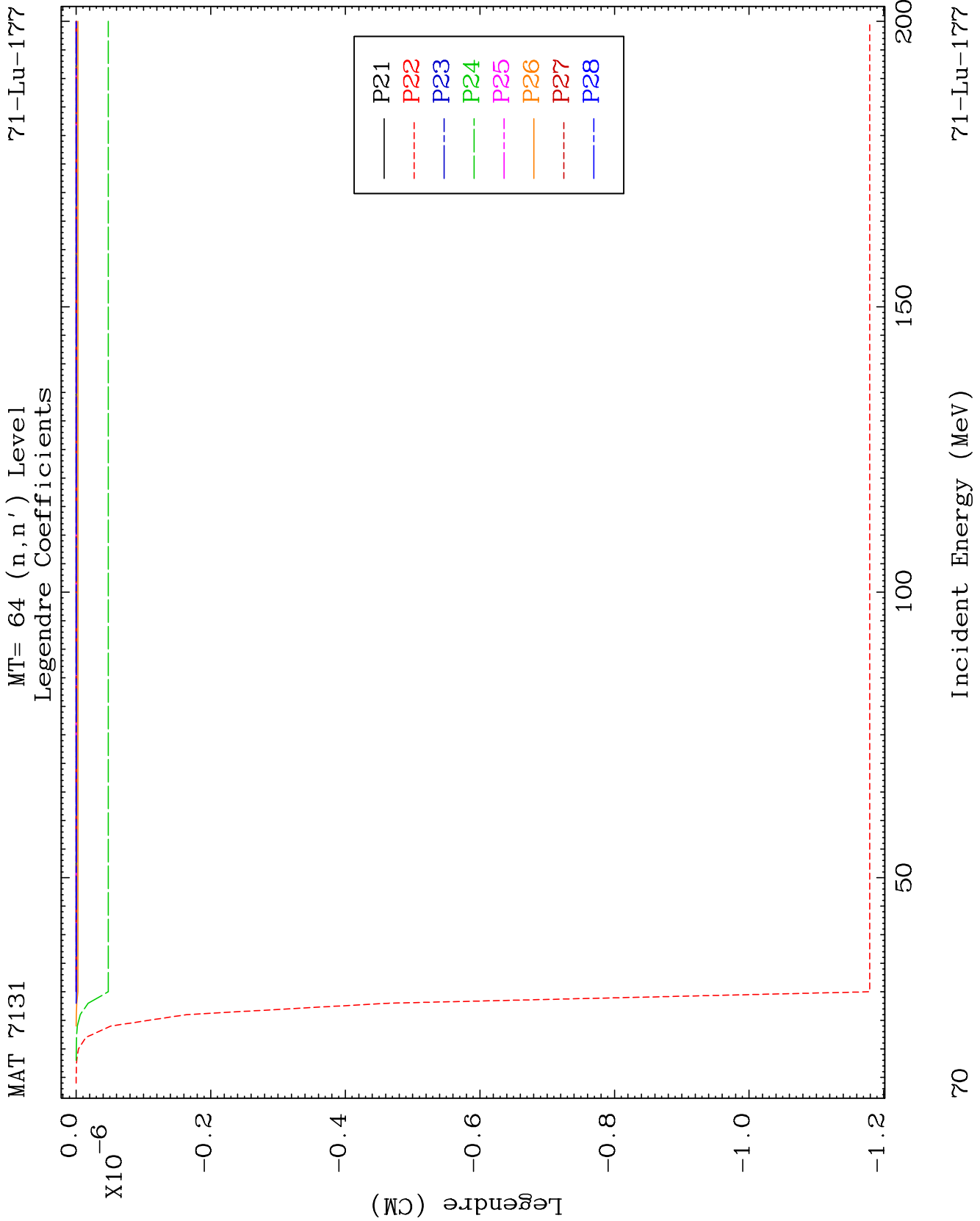
71-Lu-177

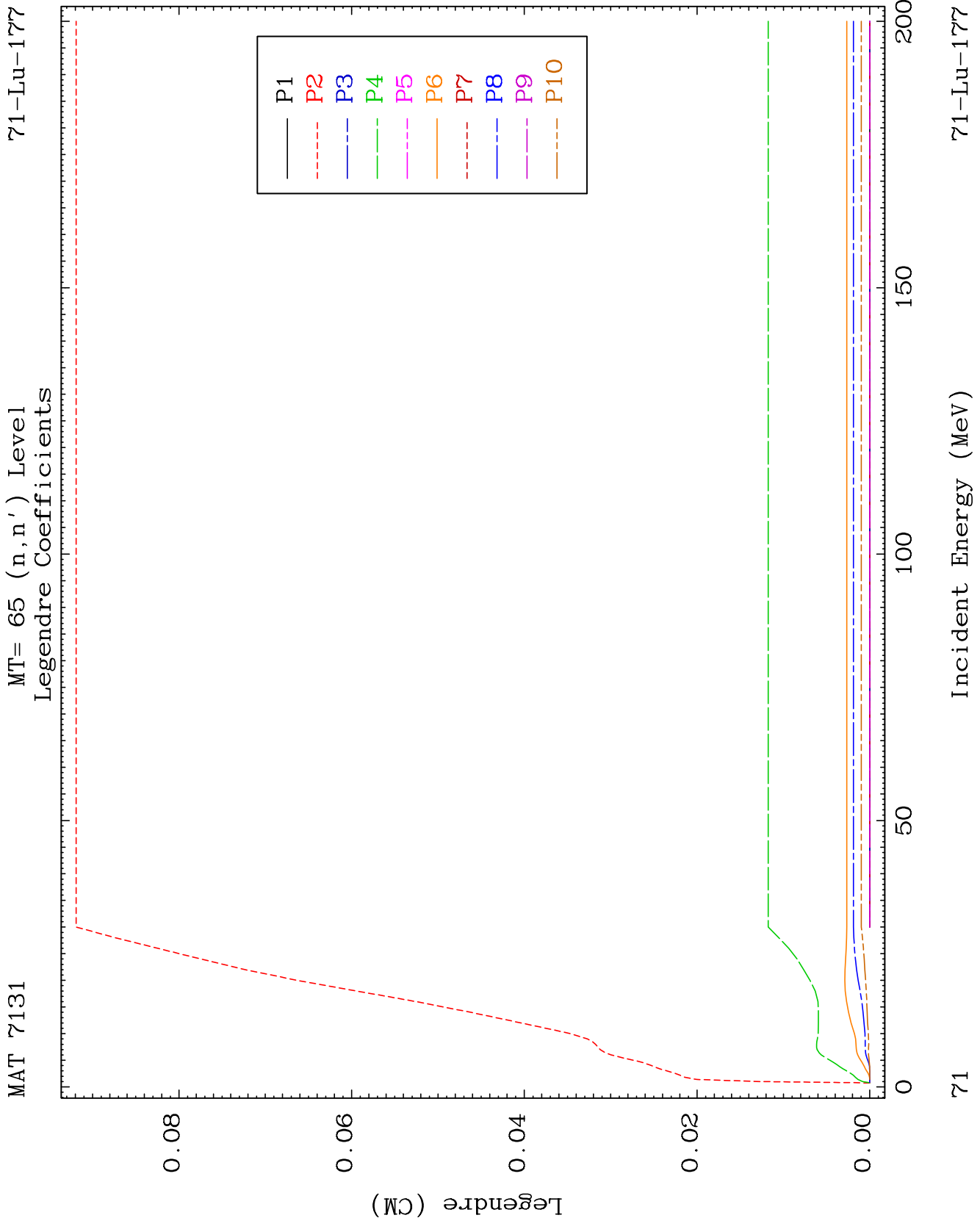


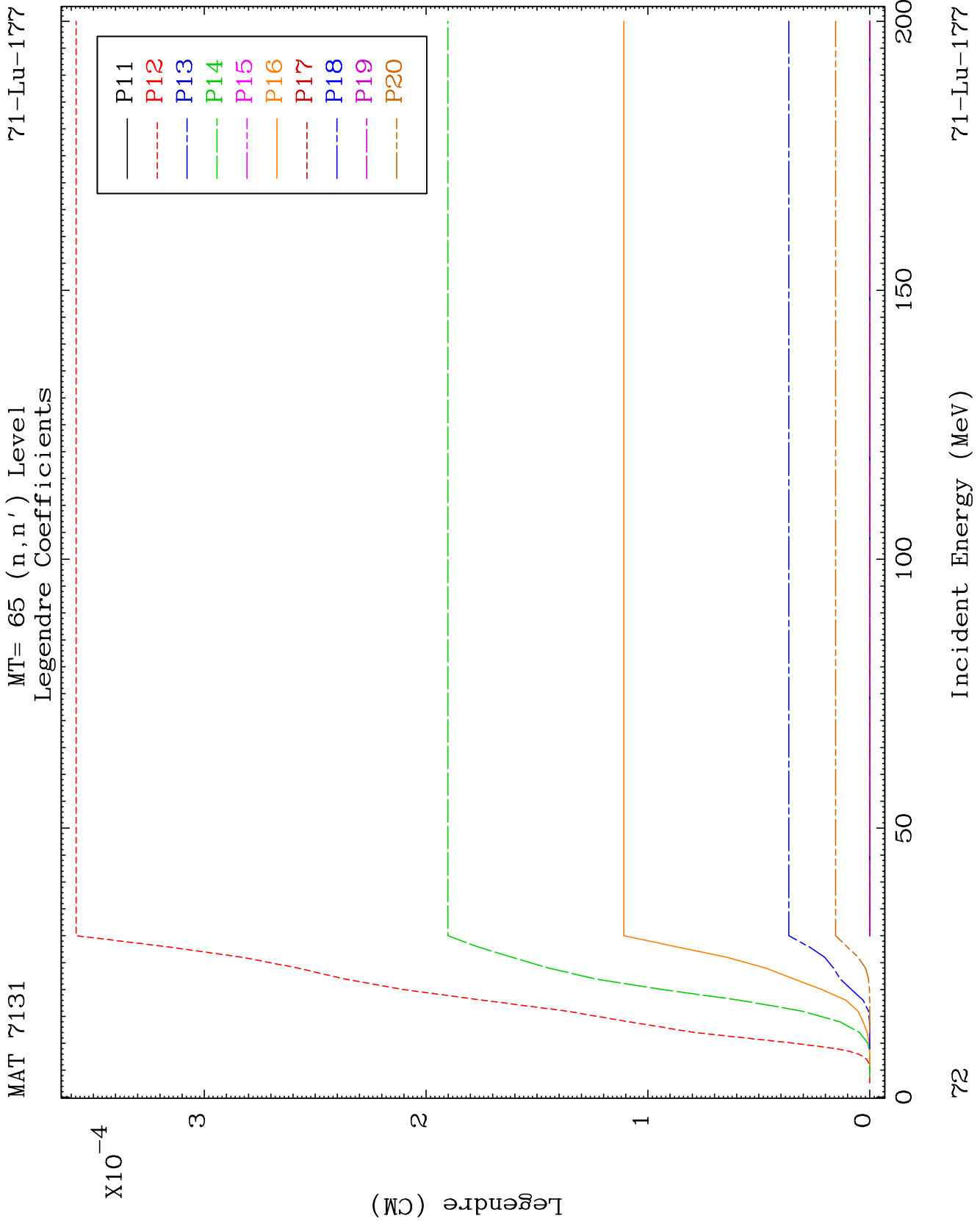
69

Incident Energy (MeV)

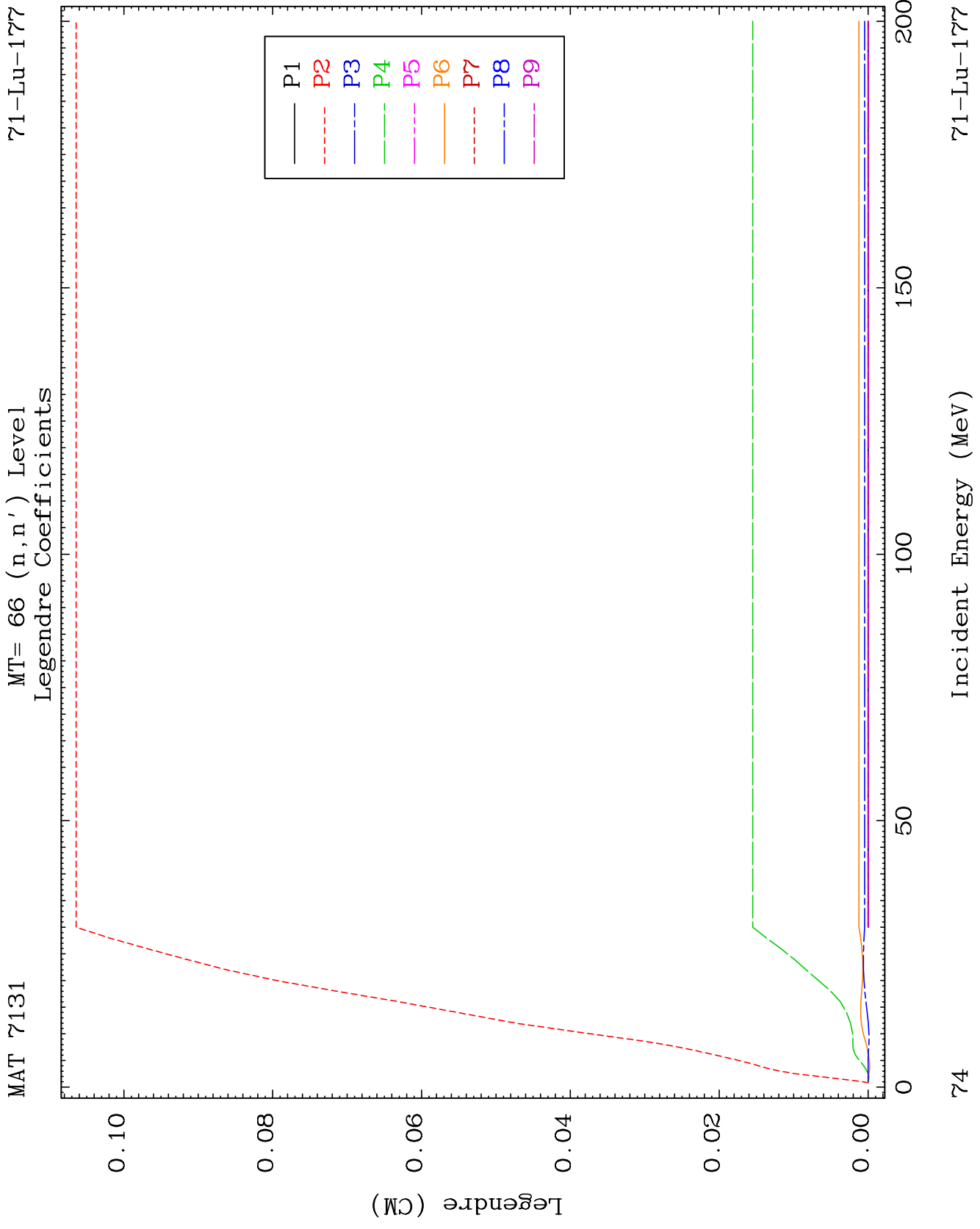
71-Lu-177







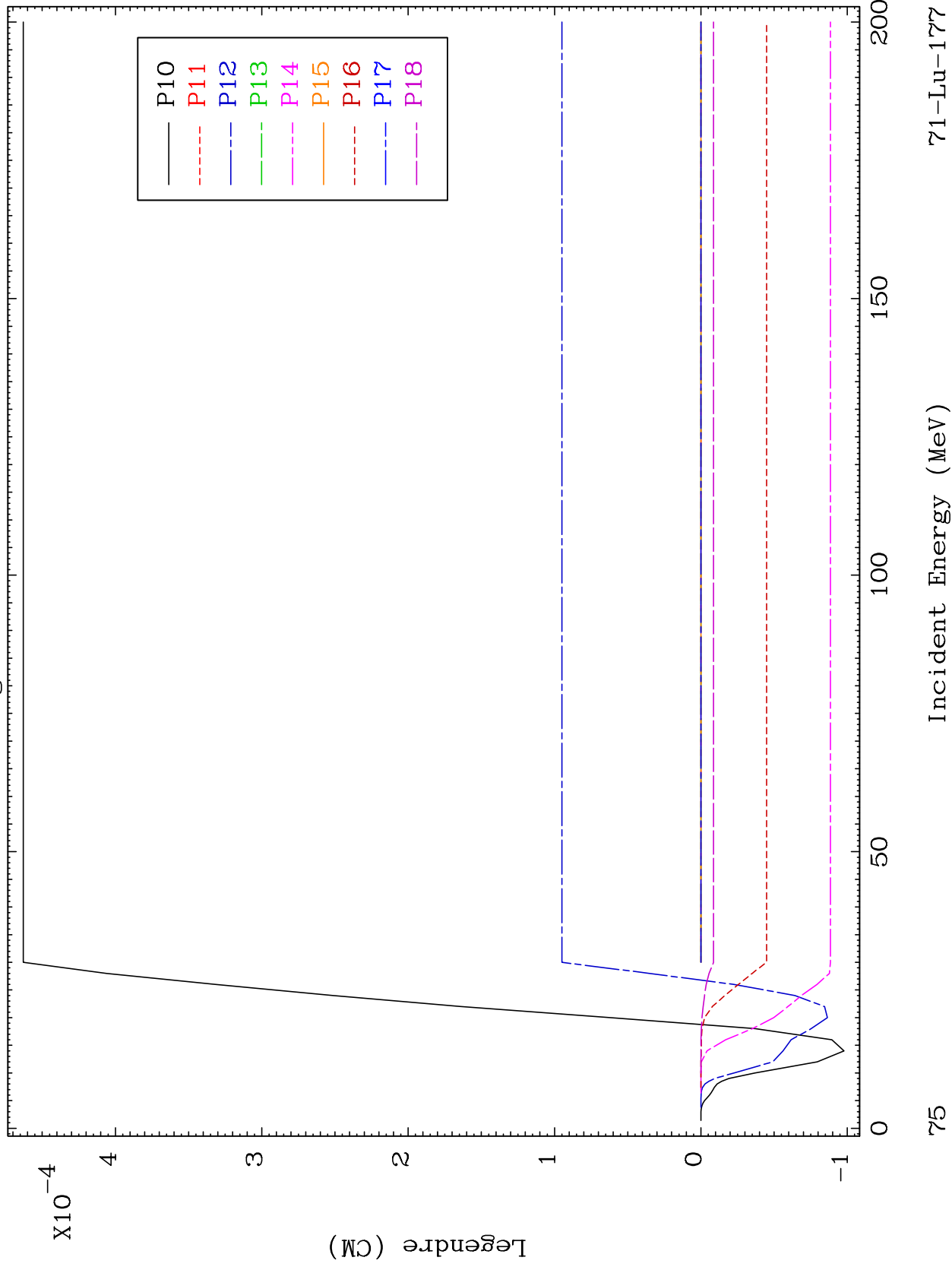


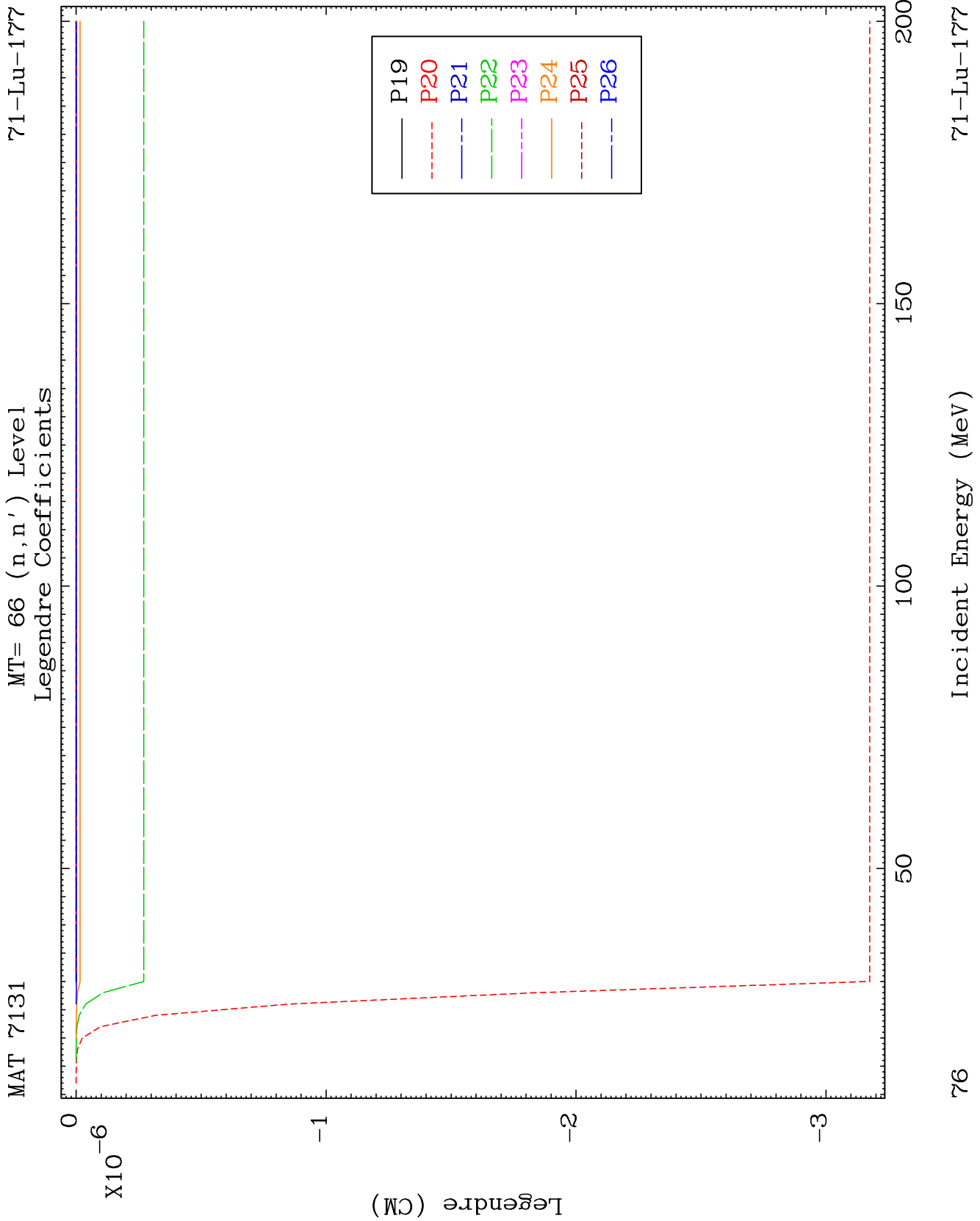


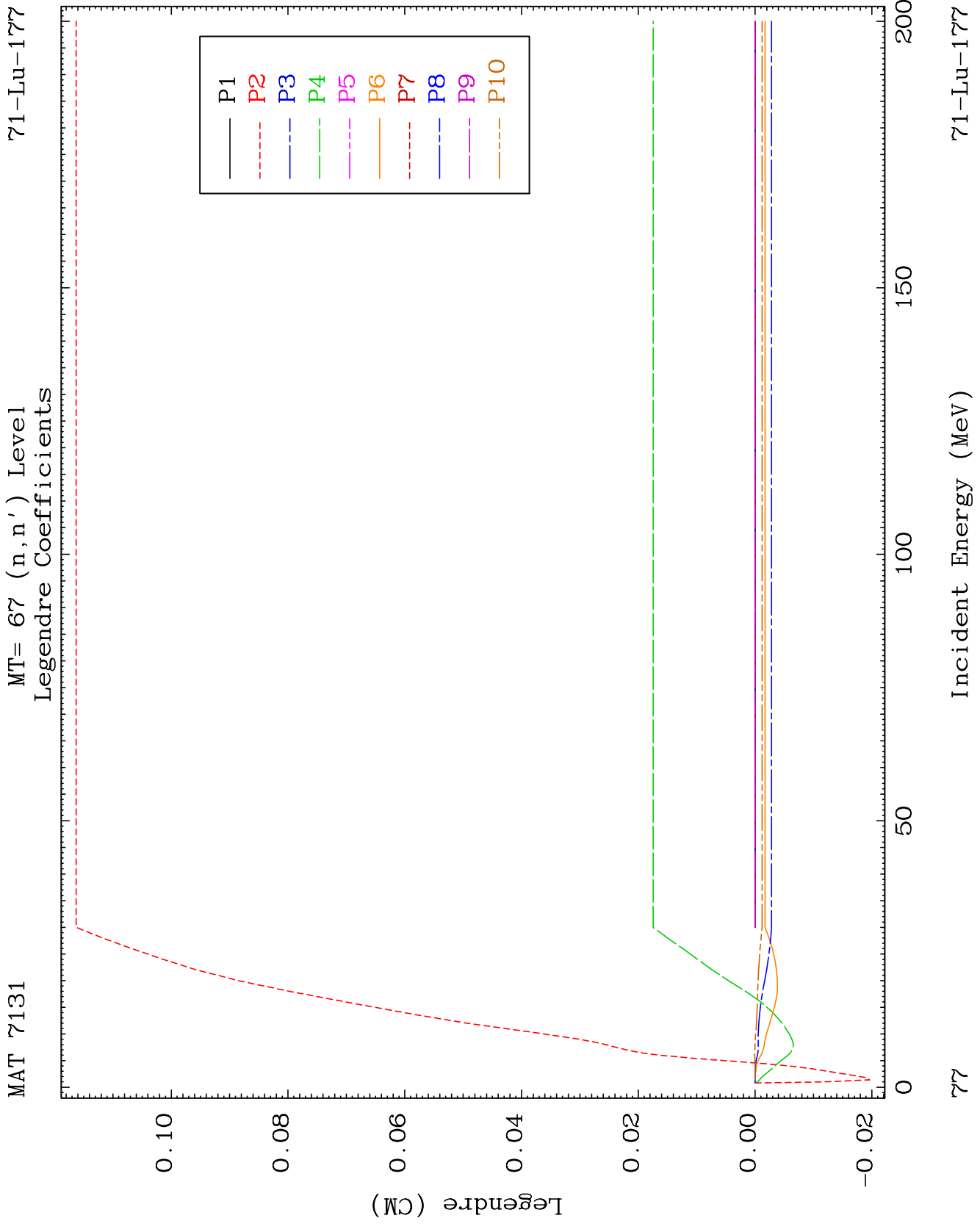
MAT 7131

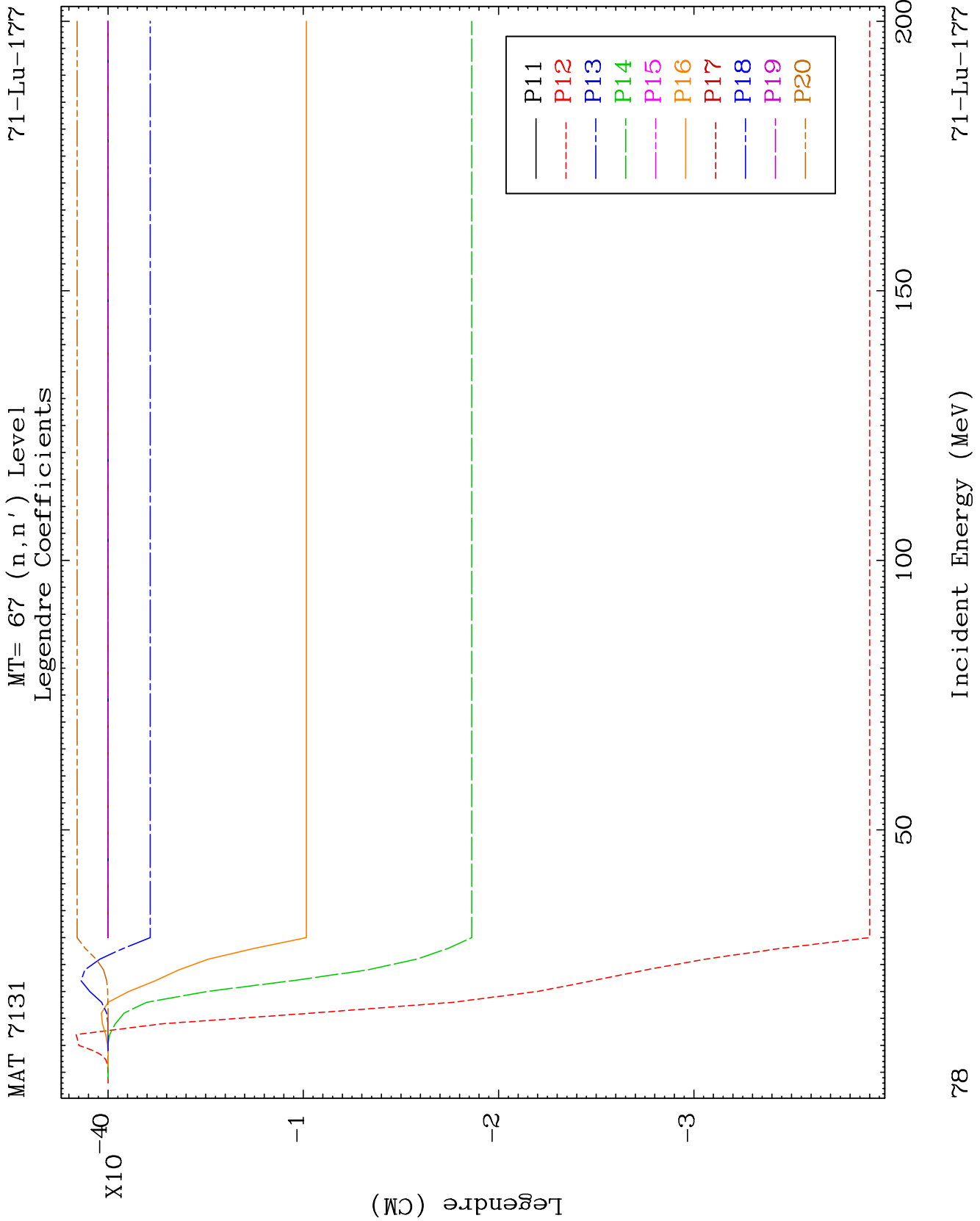
MT= 66 (n,n') Level  
Legendre Coefficients

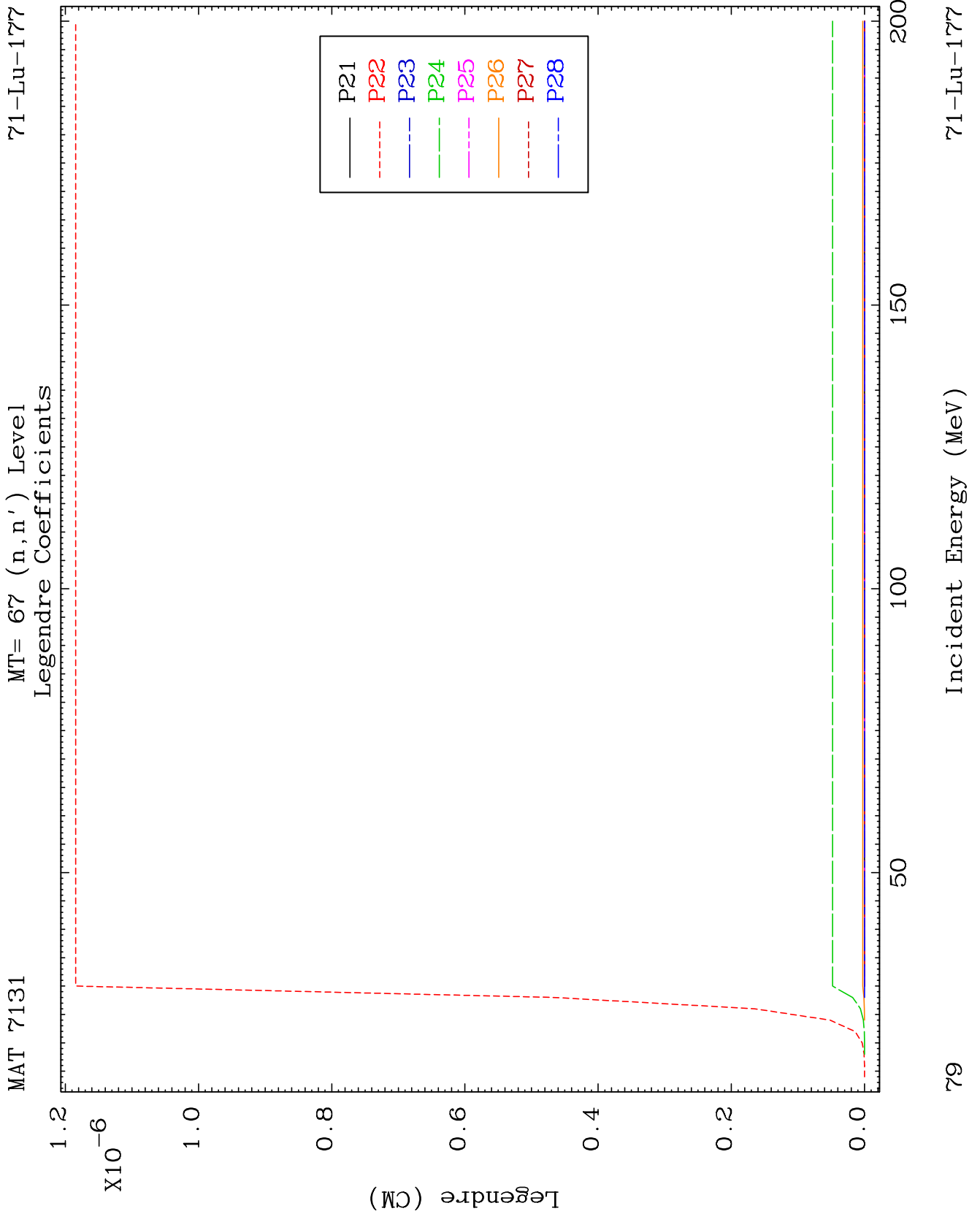
71-Lu-177







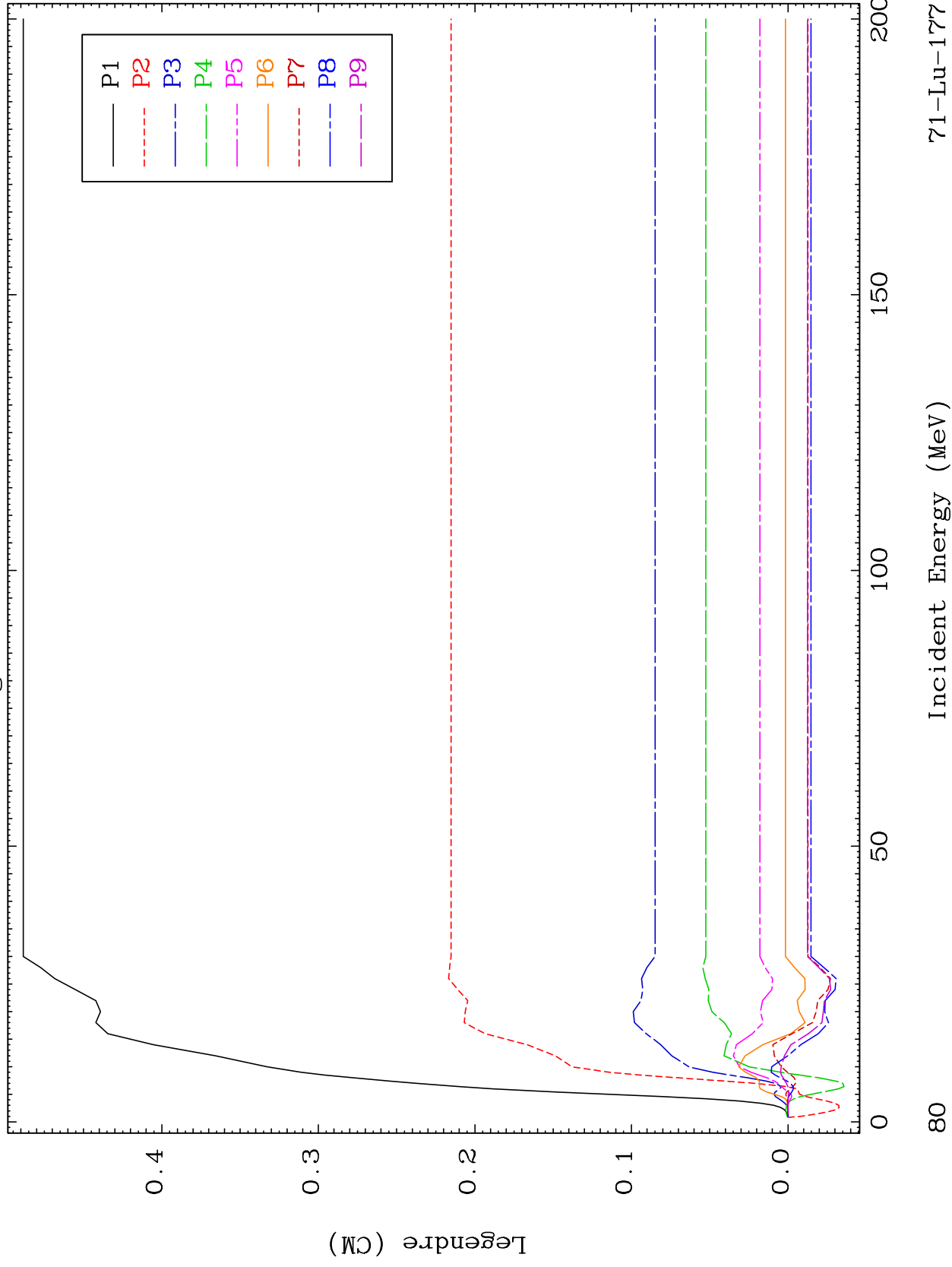




MAT 7131

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

71-Lu-177



71-Lu-177

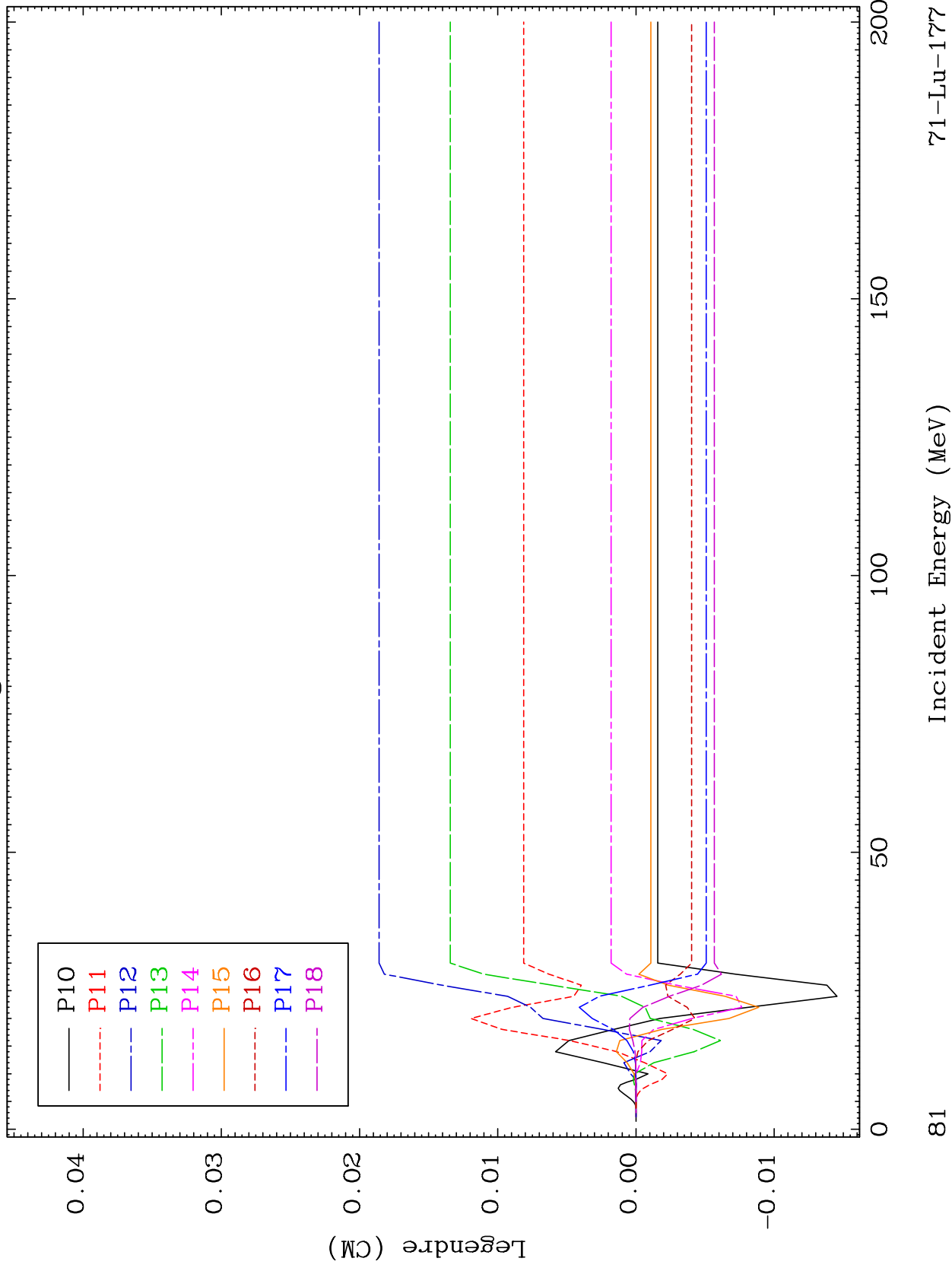
Incident Energy (MeV)

80

MAT 7131

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

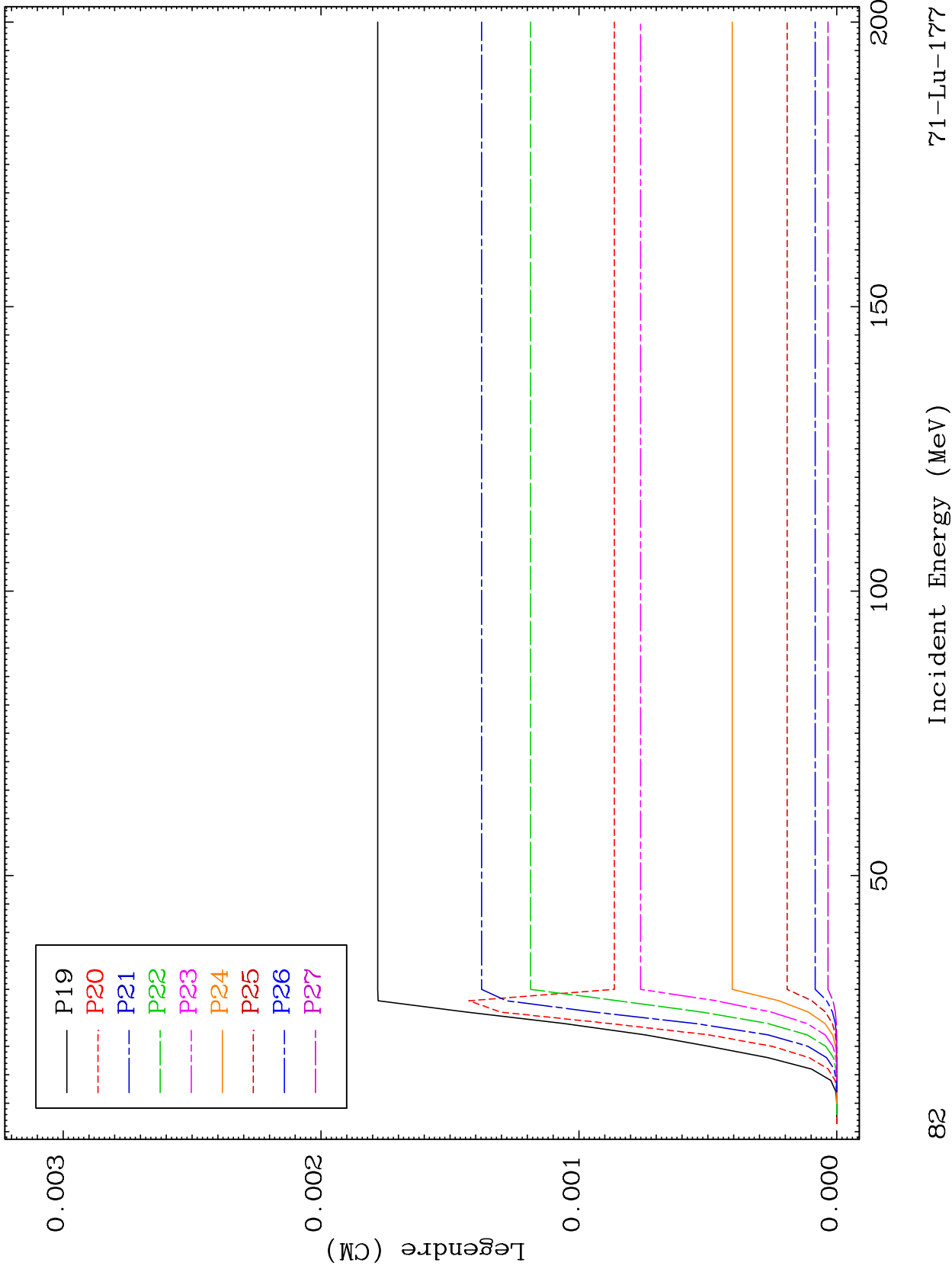
71-Lu-177

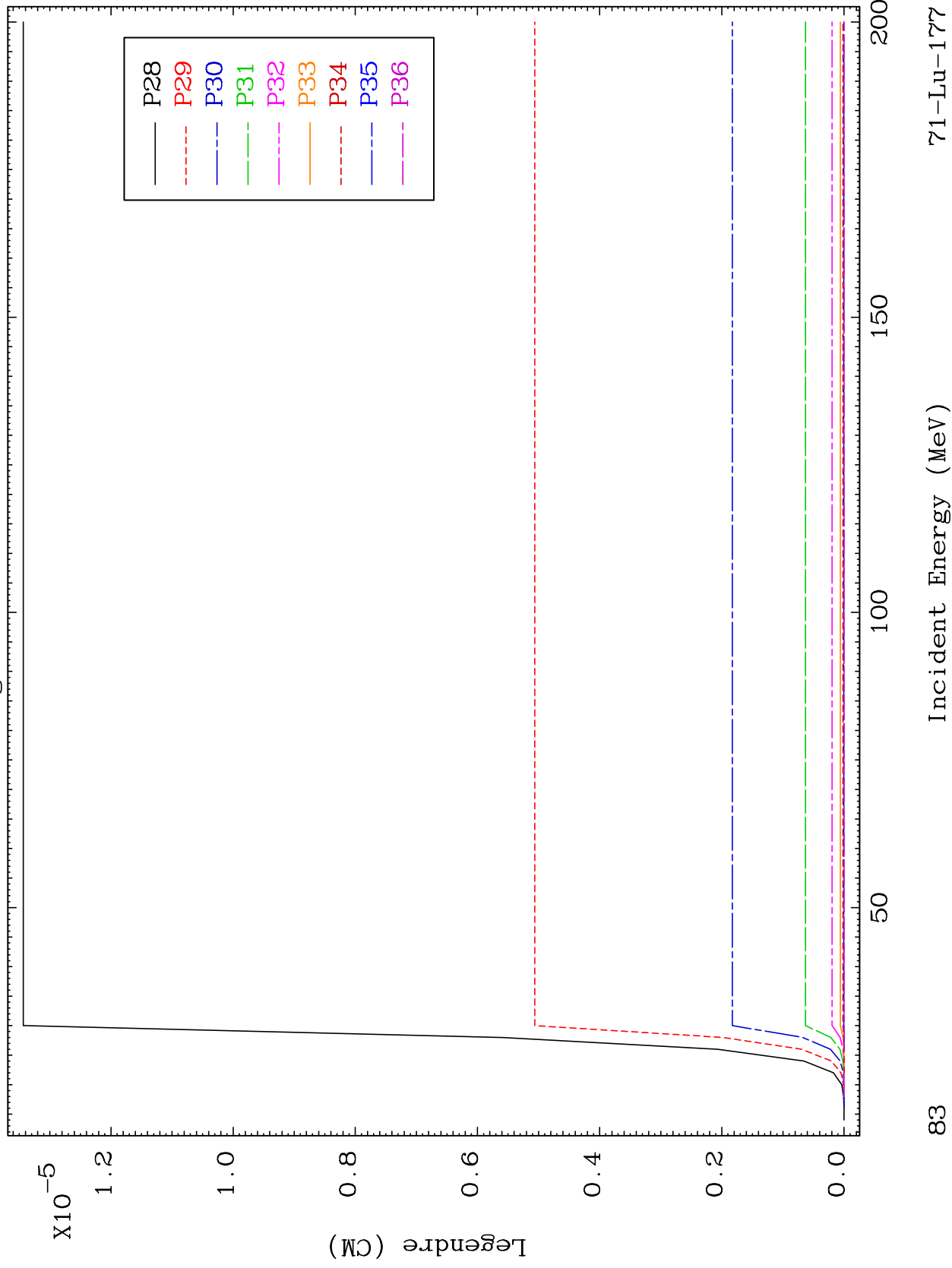


81

Incident Energy (MeV)

71-Lu-177



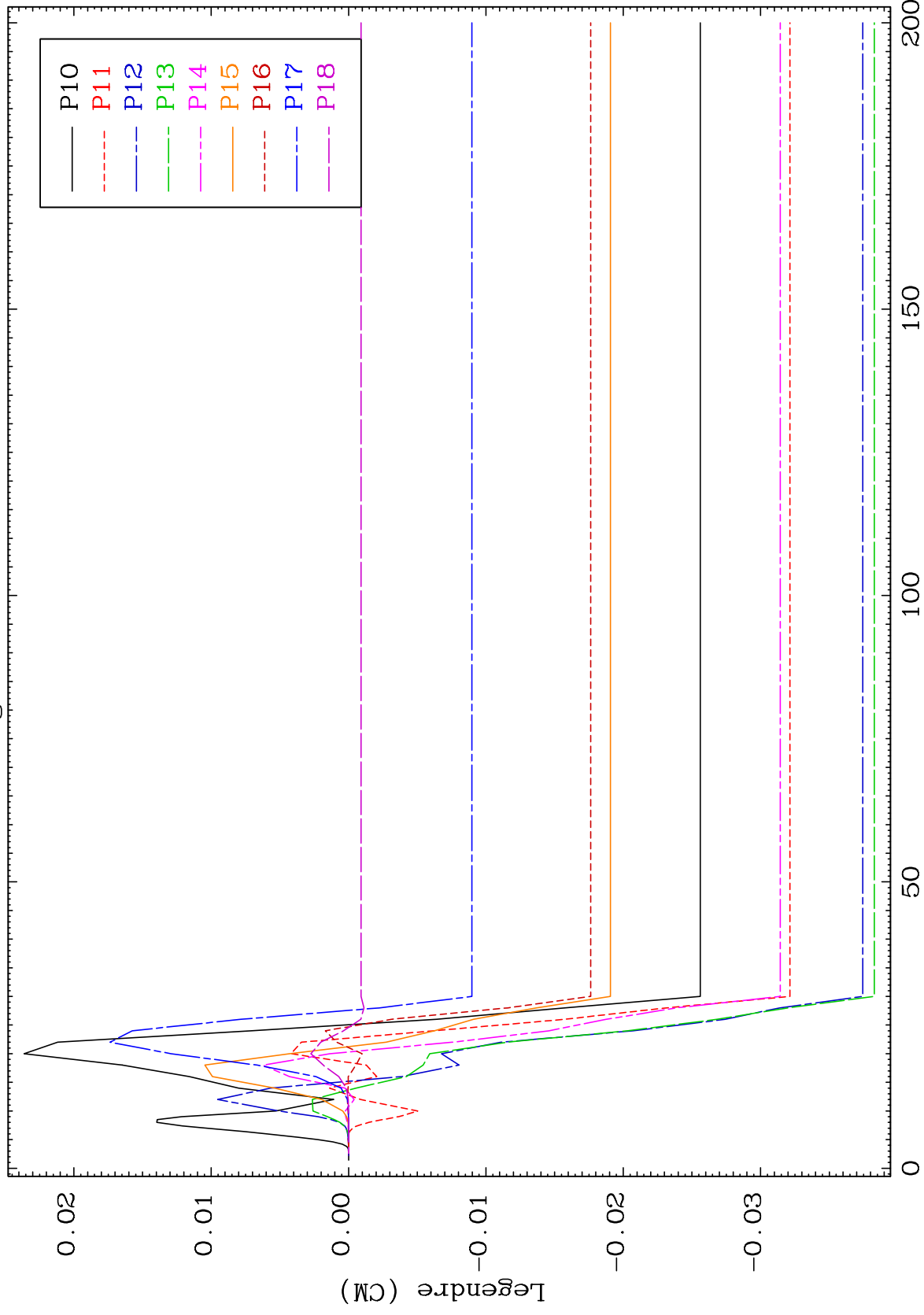




MAT 7131

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

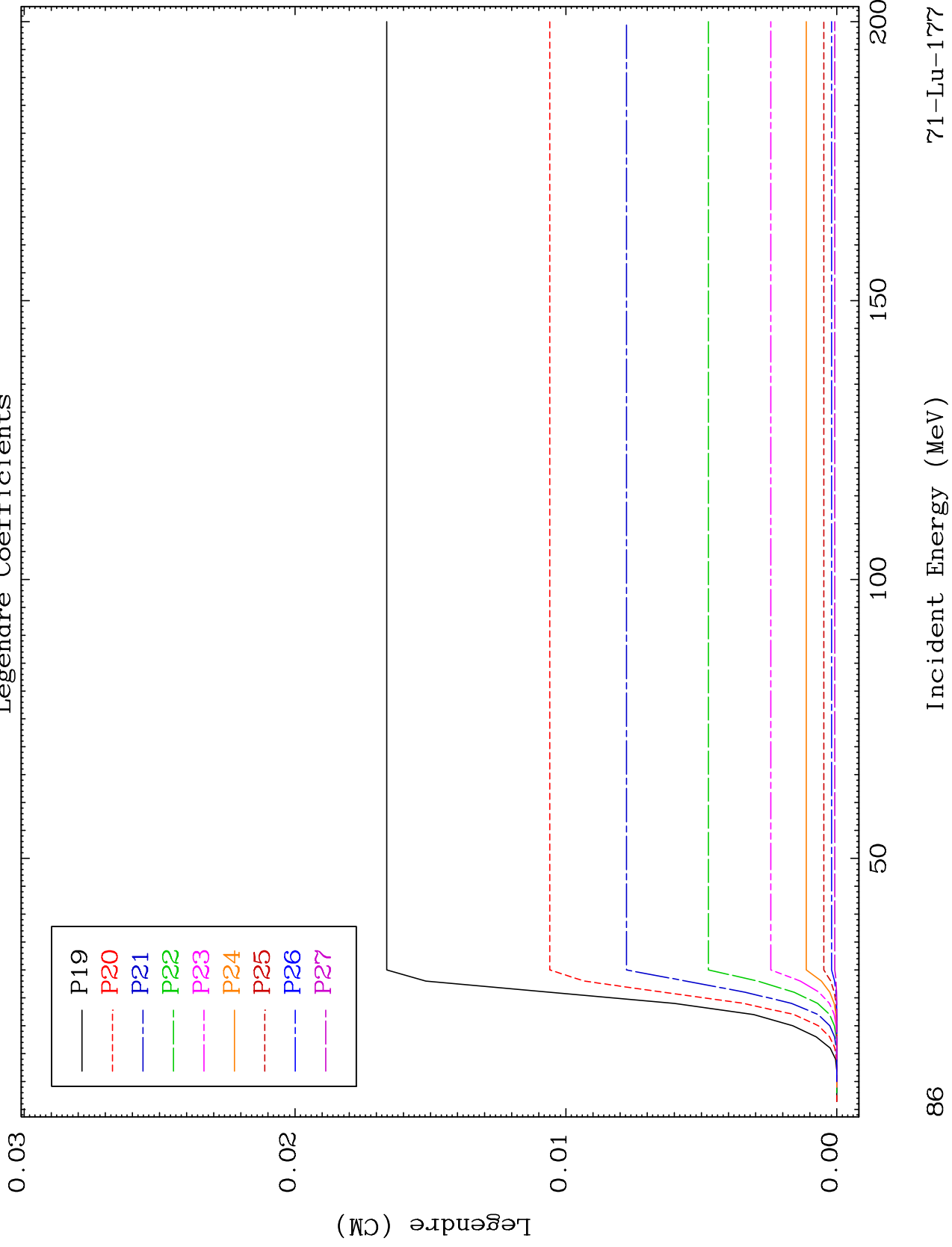
71-Lu-177



85

Incident Energy (MeV)

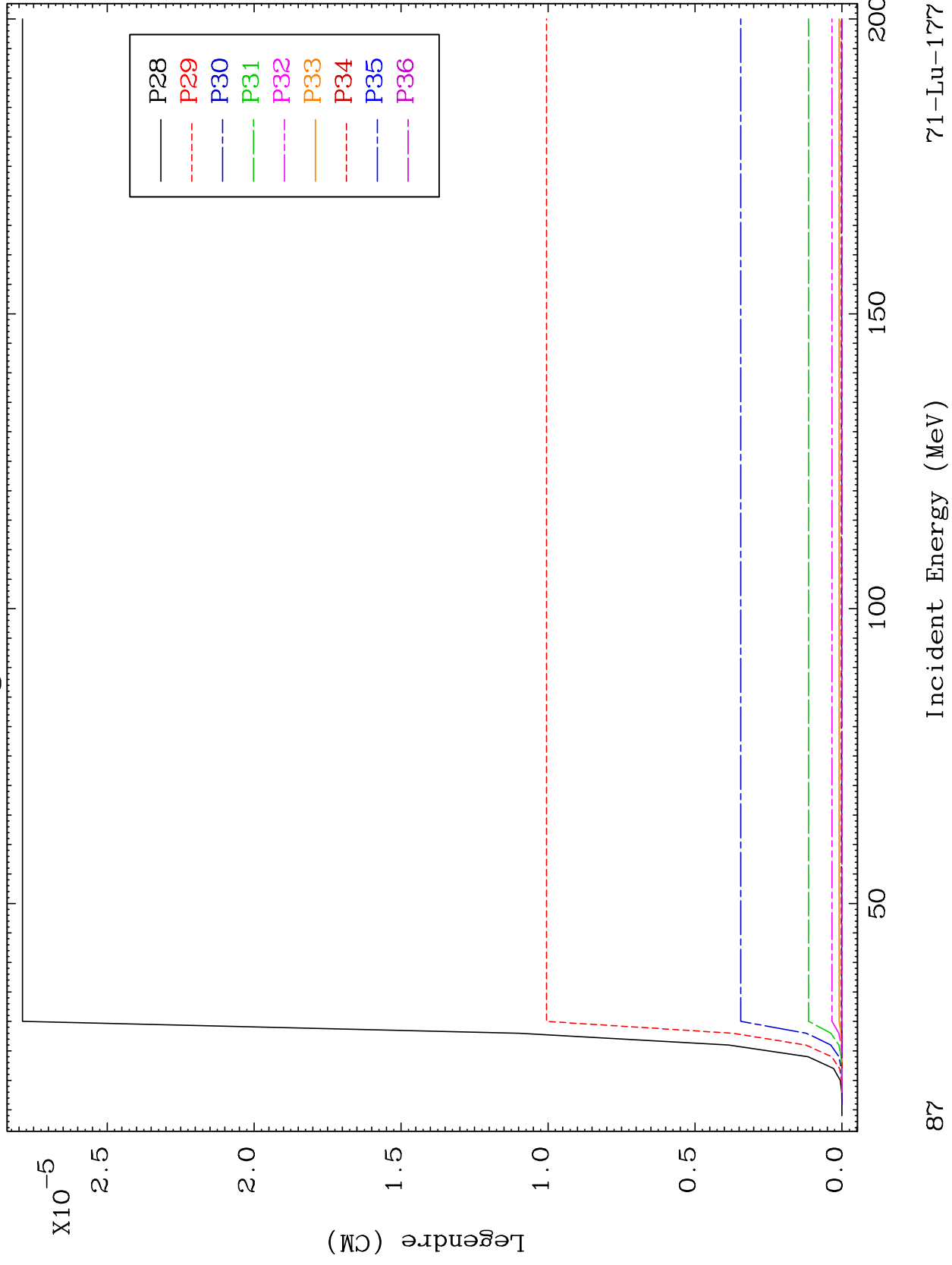
71-Lu-177



MAT 7131

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

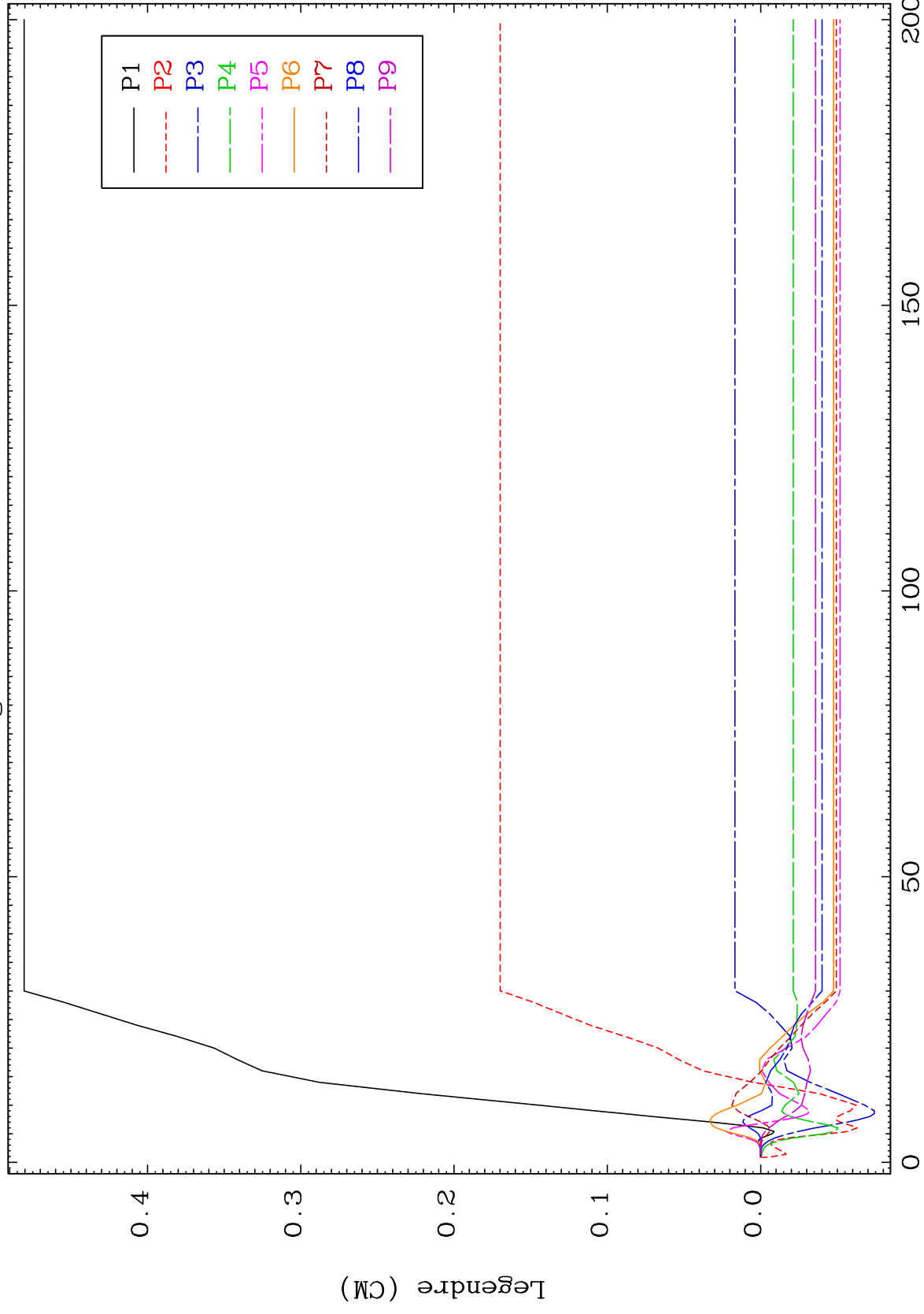
71-Lu-177



MAT 7131

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

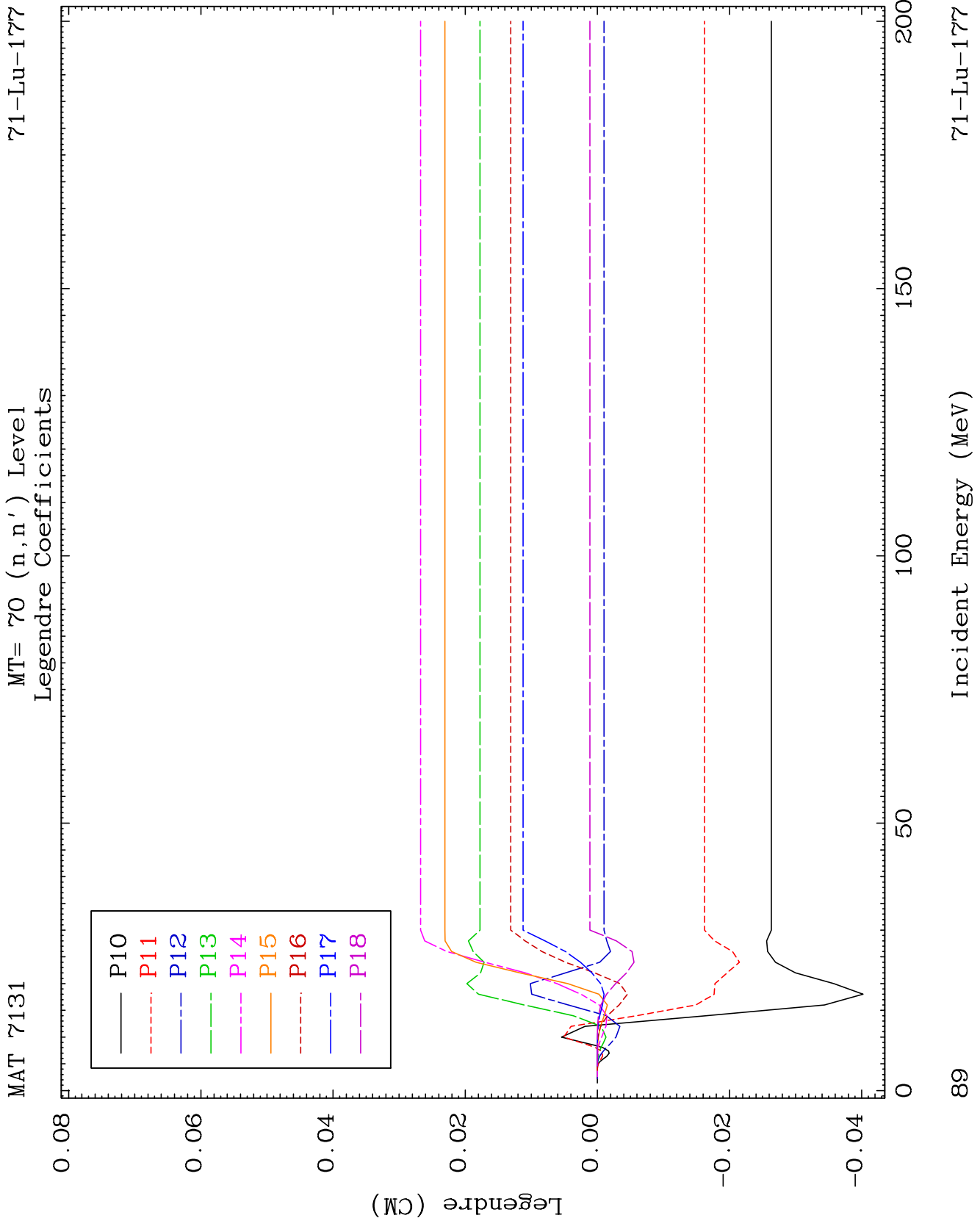
71-Lu-177



88

Incident Energy (MeV)

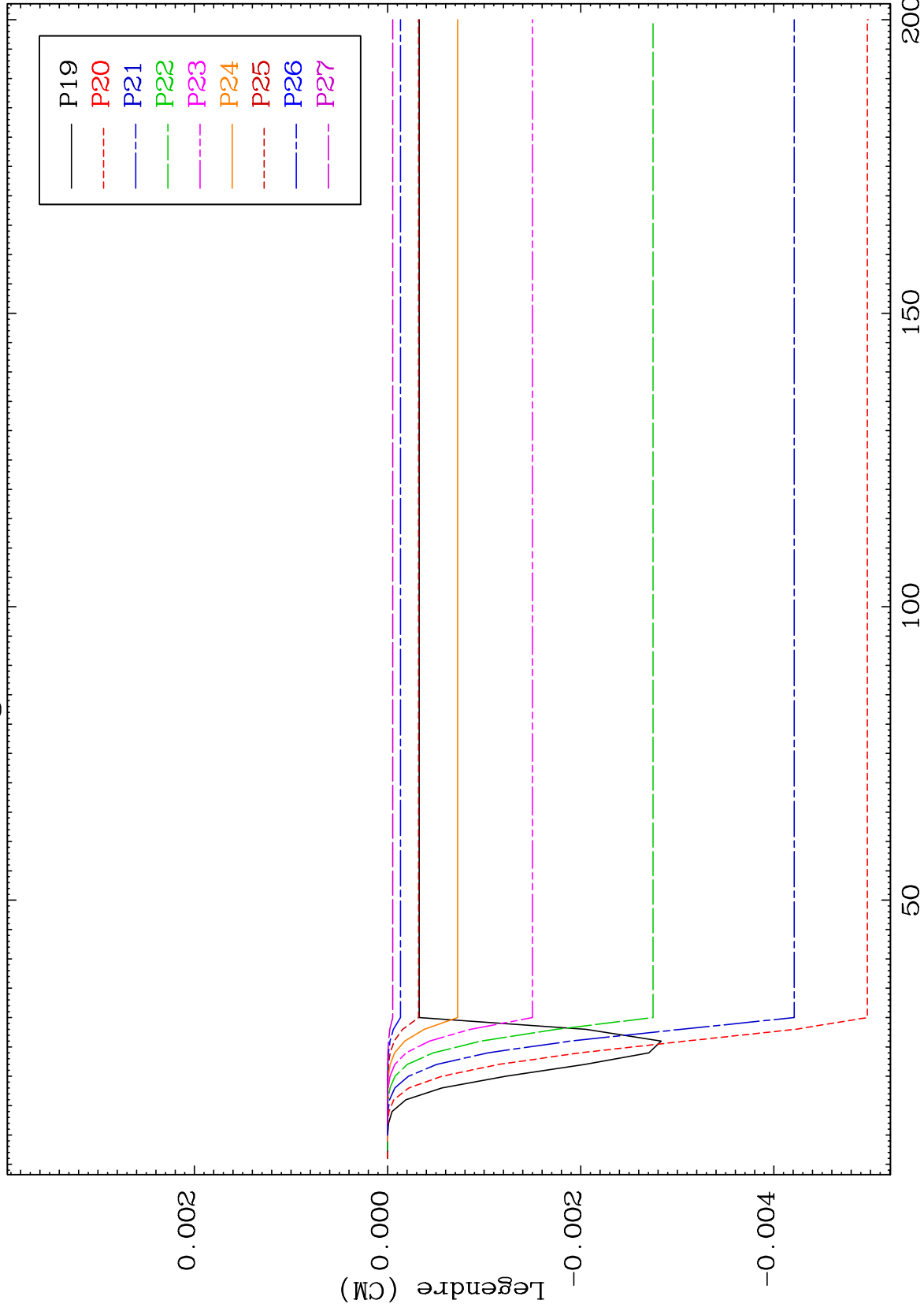
71-Lu-177



MAT 7131

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

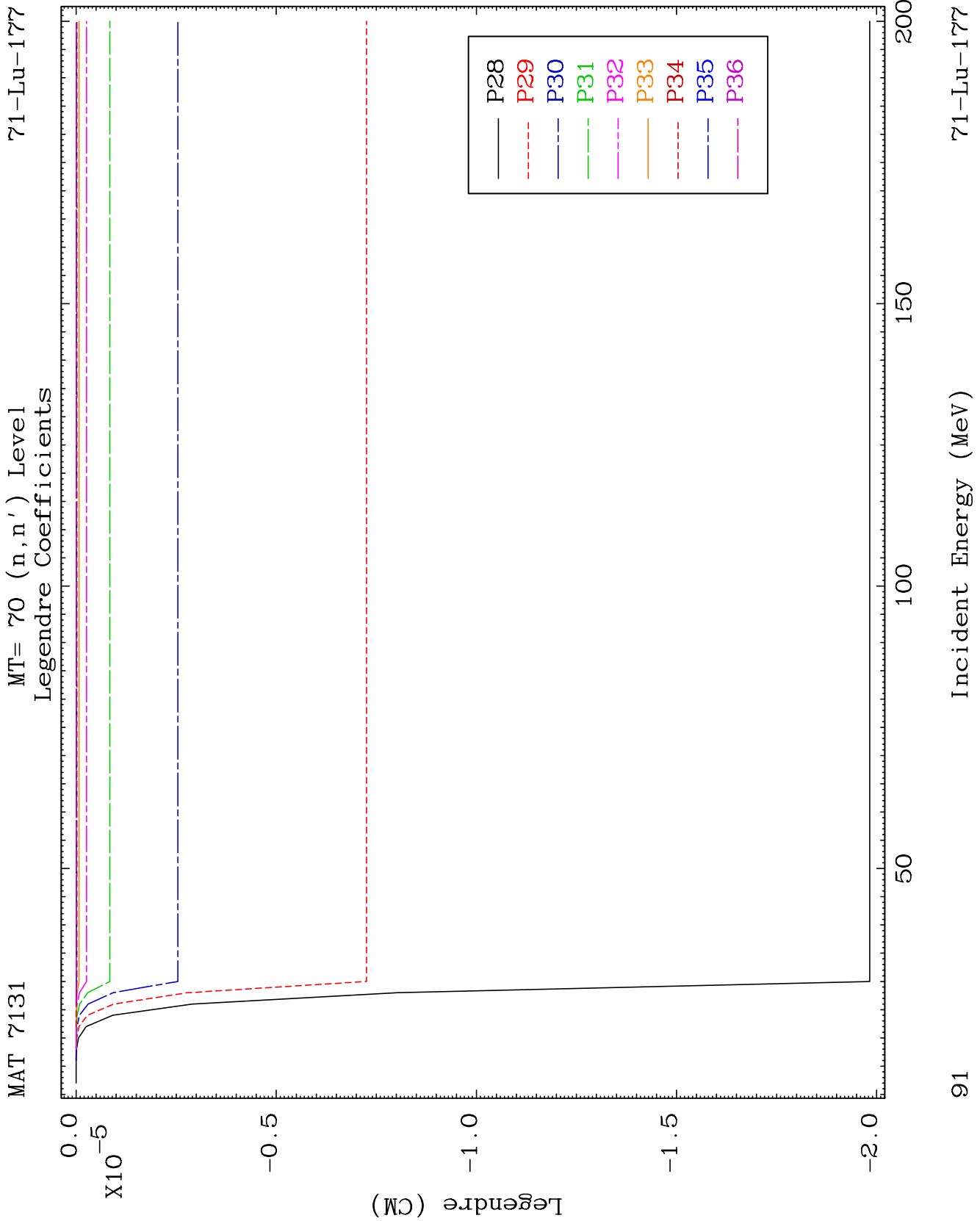
71-Lu-177



90

Incident Energy (MeV)

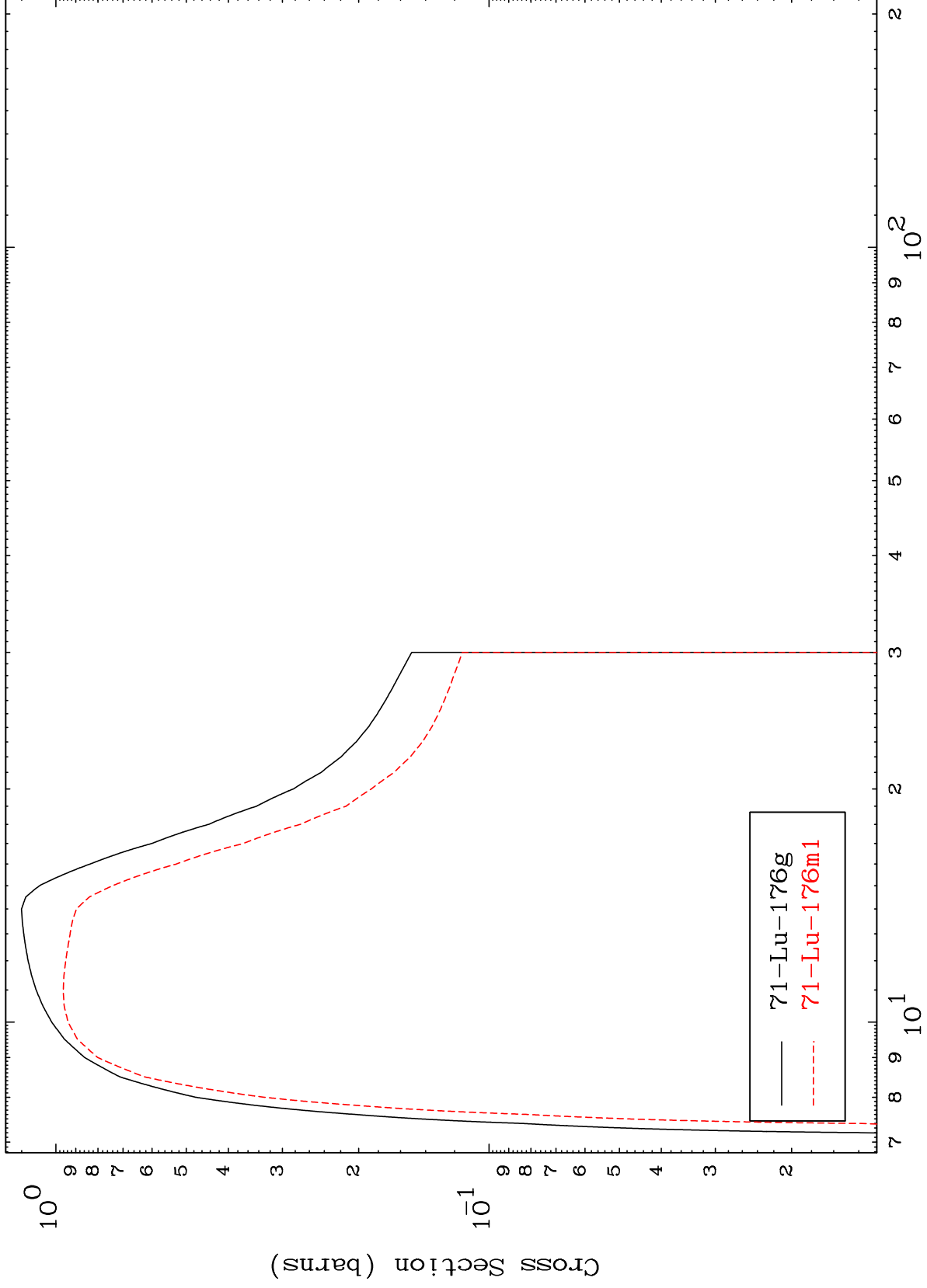
71-Lu-177



MAT 7131

<sup>71</sup>Lu-177

(n,2n)  
Radionuclide Production Cross Section



<sup>71</sup>Lu-177

Incident Energy (MeV)

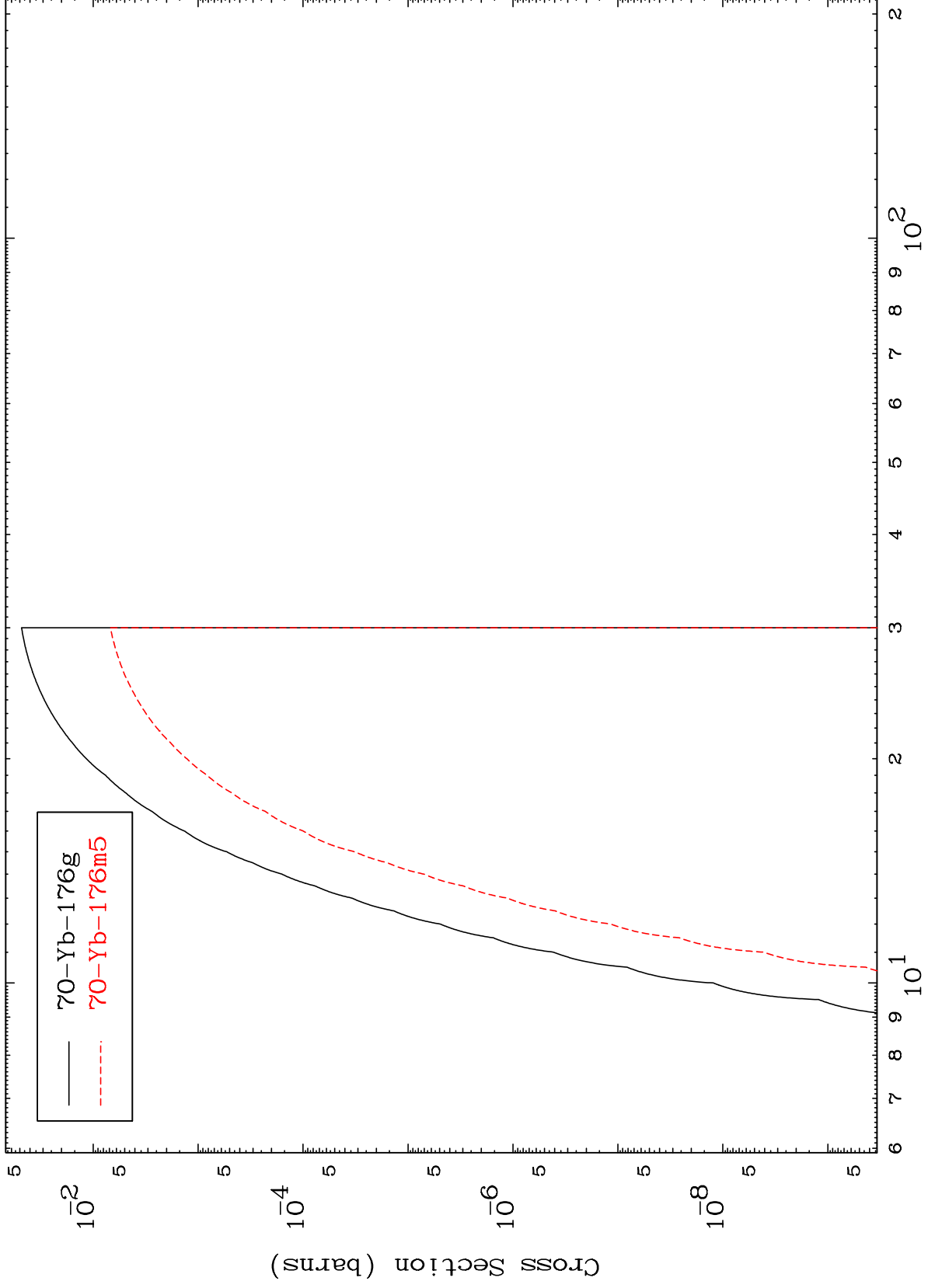
92

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(n,n') p

71-Lu-177

Radionuclide Production Cross Section



93

Incident Energy (MeV)

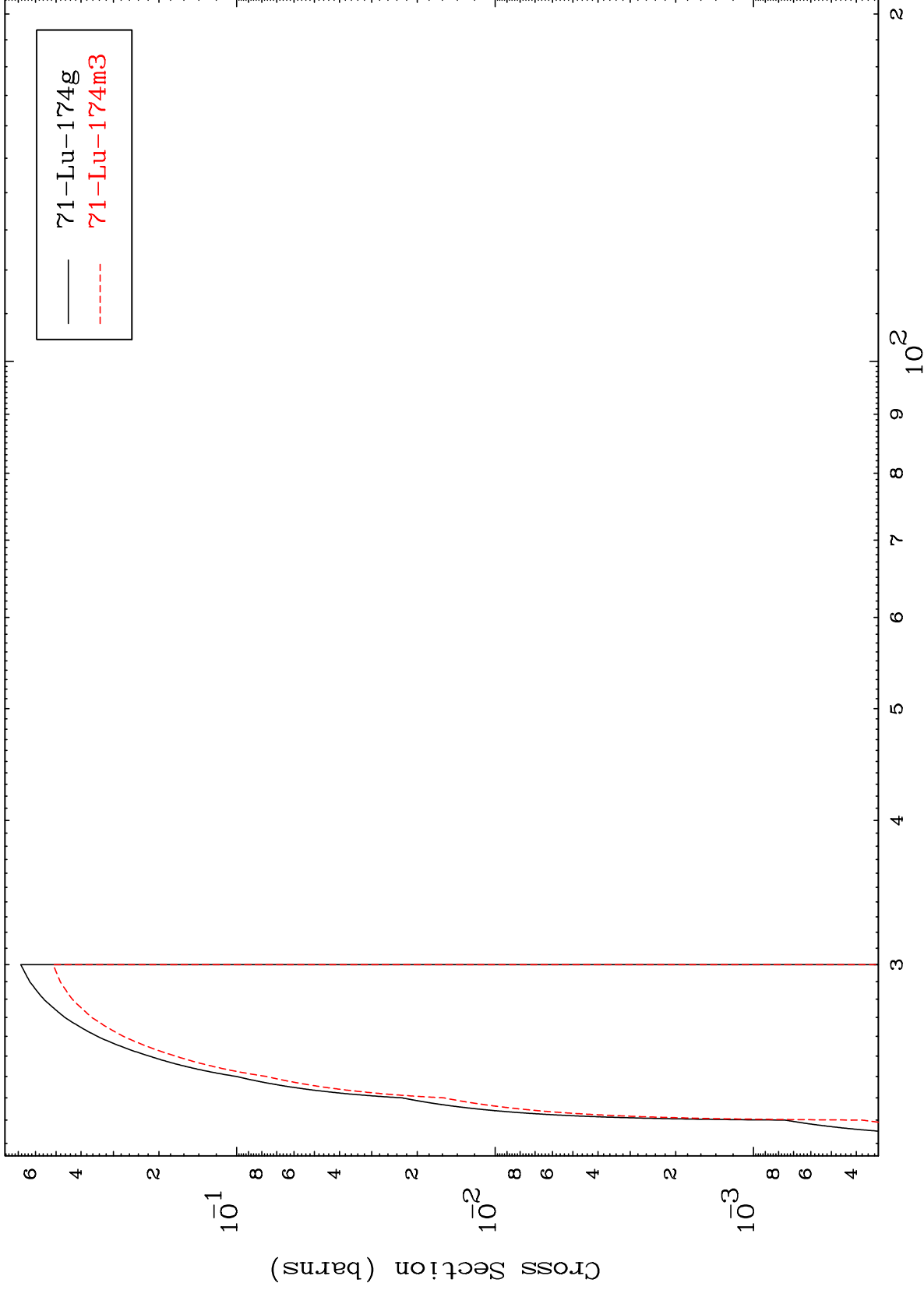
71-Lu-177

MAT 7131

(n,4n)

71-Lu-177

Radionuclide Production Cross Section



94

Incident Energy (MeV)

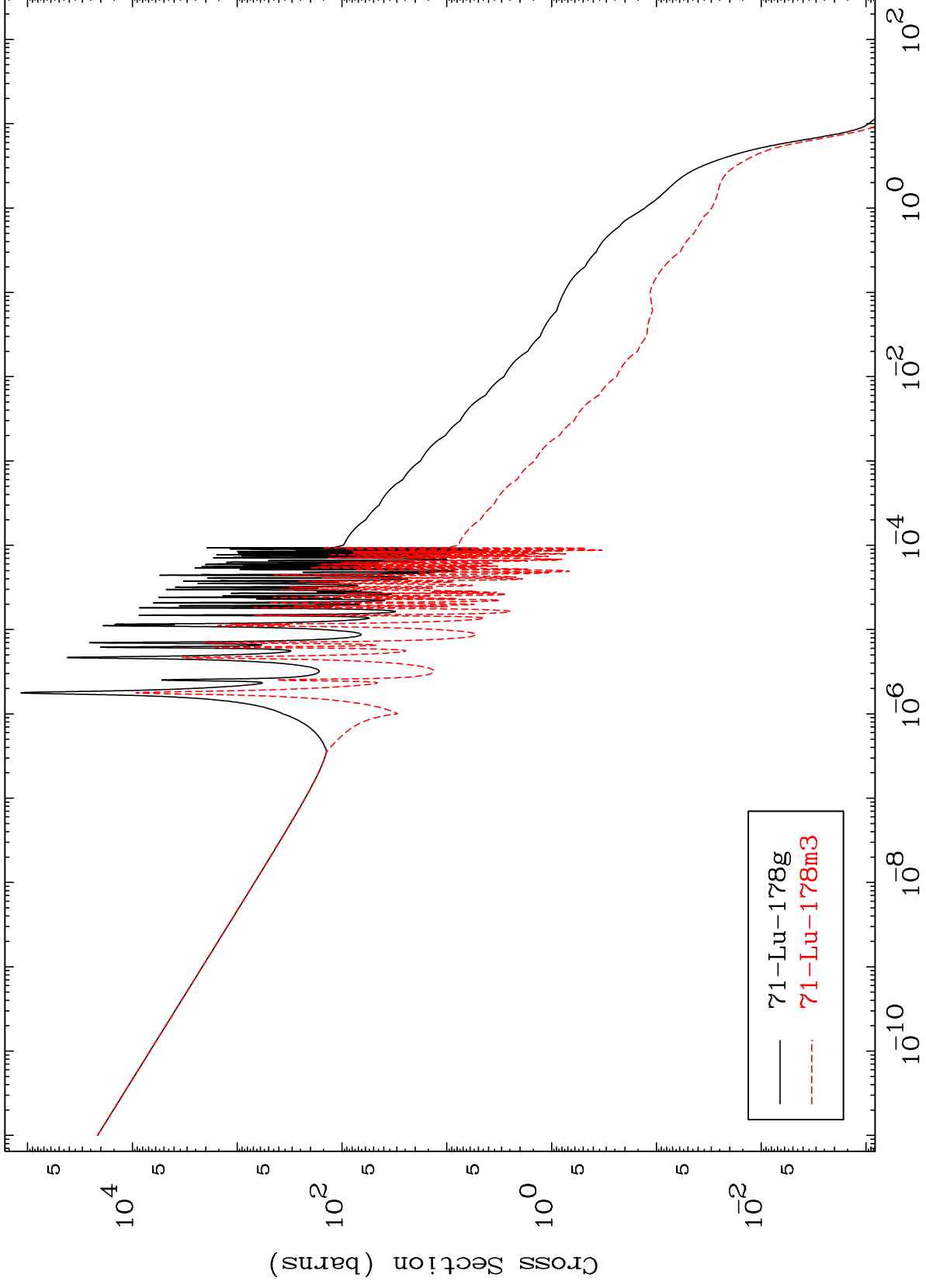
71-Lu-177

MAT 7131

<sup>71</sup>Lu-177

Radionuclide Production Cross Section

(n,γ)



95

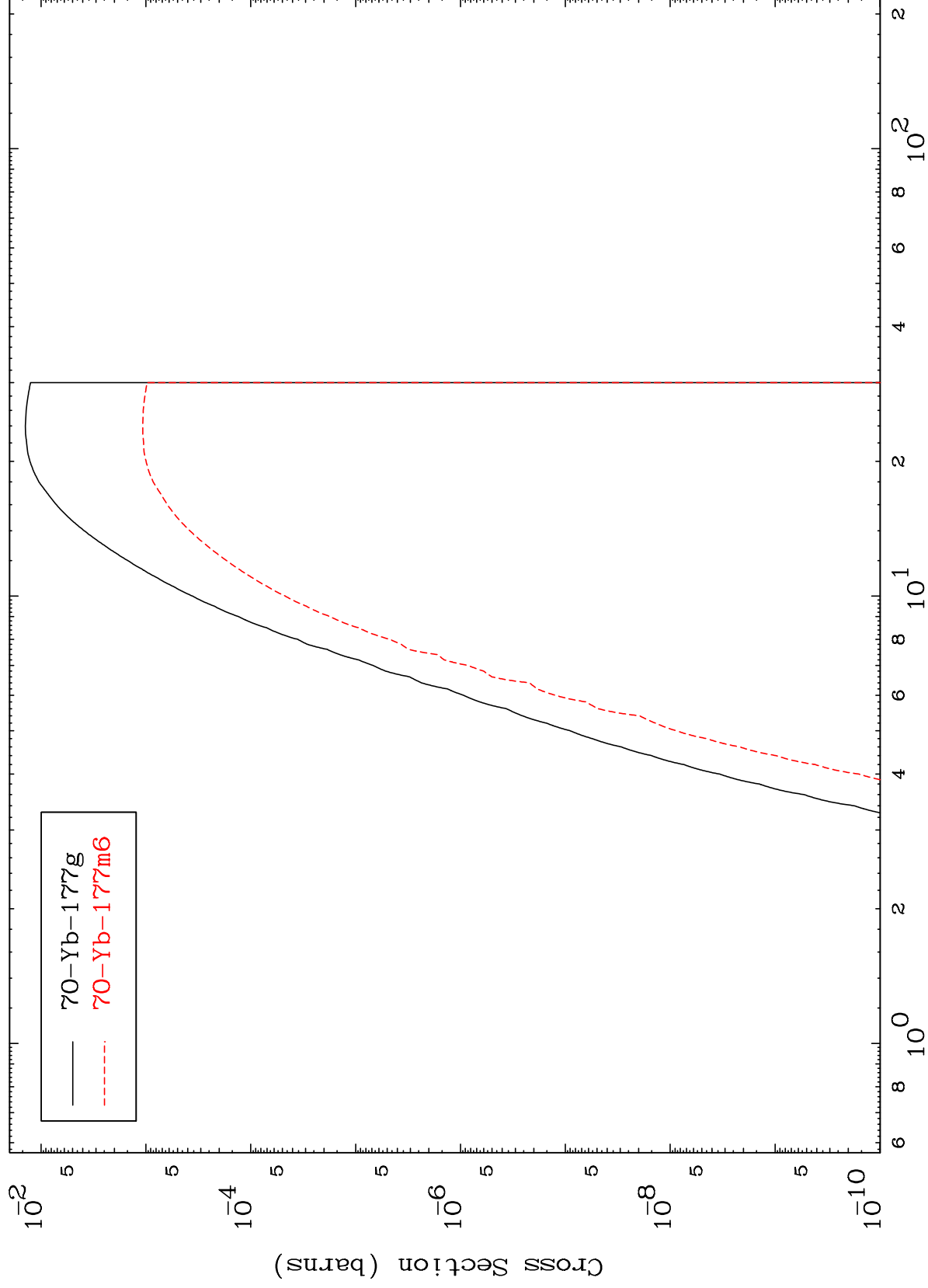
<sup>71</sup>Lu-177

Incident Energy (MeV)

MAT 7131

<sup>71</sup>Lu-177

(n,p)  
Radionuclide Production Cross Section



96

Incident Energy (MeV)

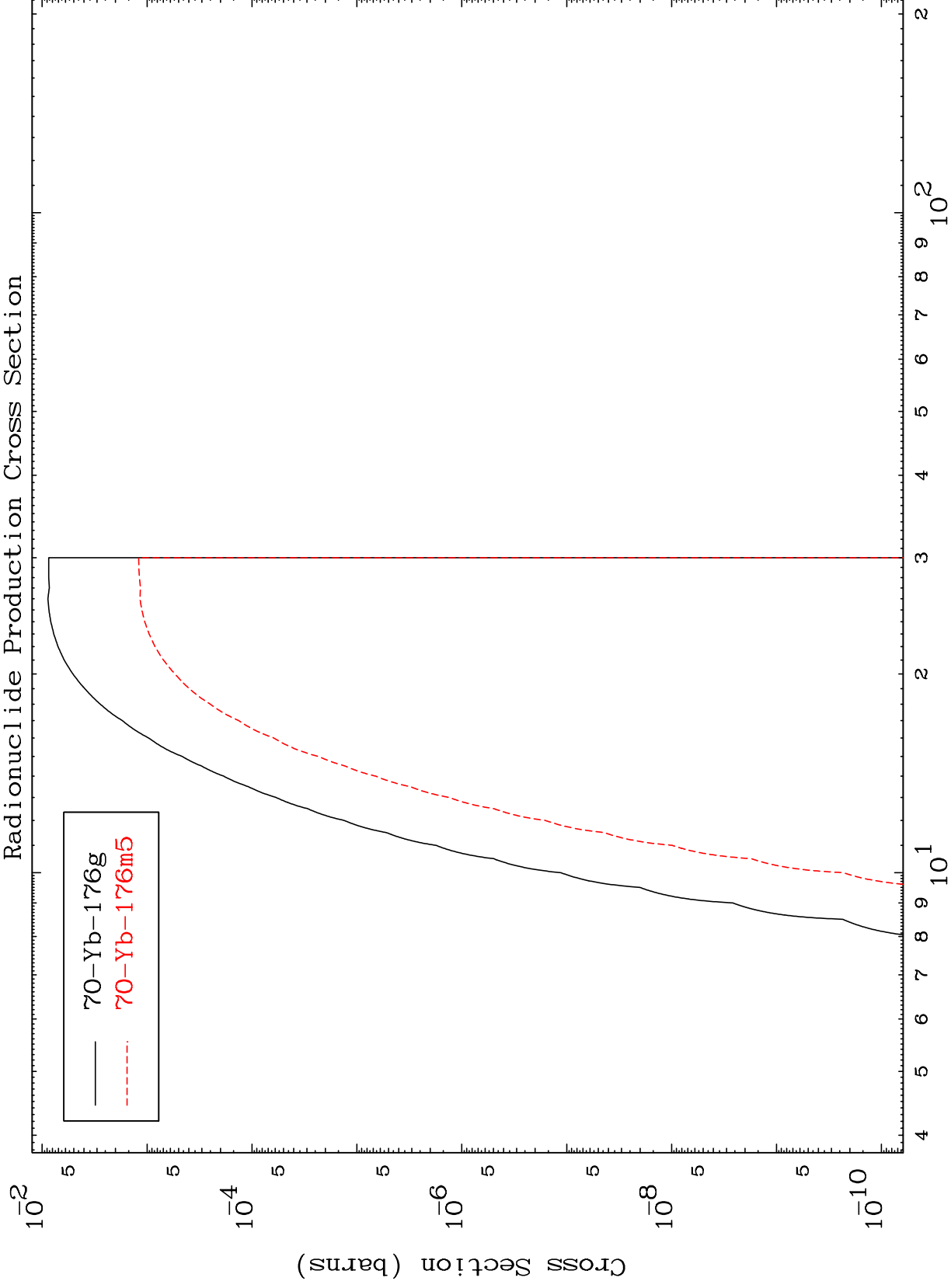
<sup>71</sup>Lu-177

MAT 7131

(n, d)

71-Lu-177

Radionuclide Production Cross Section



97

Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,2α)

<sup>71</sup>Lu-177

Radionuclide Production Cross Section

