

Program EVALPLOT  
(Version 2018-1)

by

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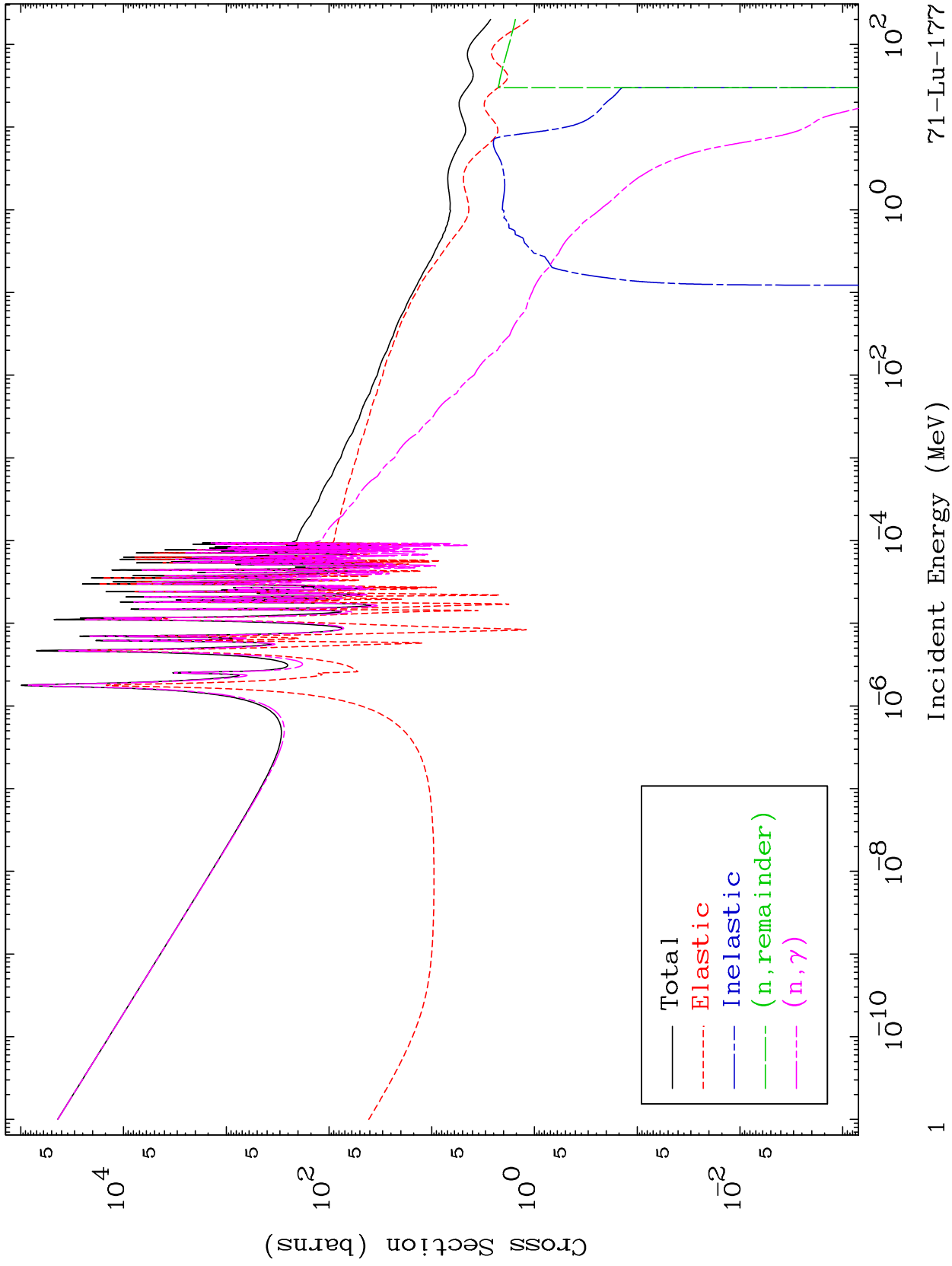
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7131

Major  
293 Kelvin Cross Sections

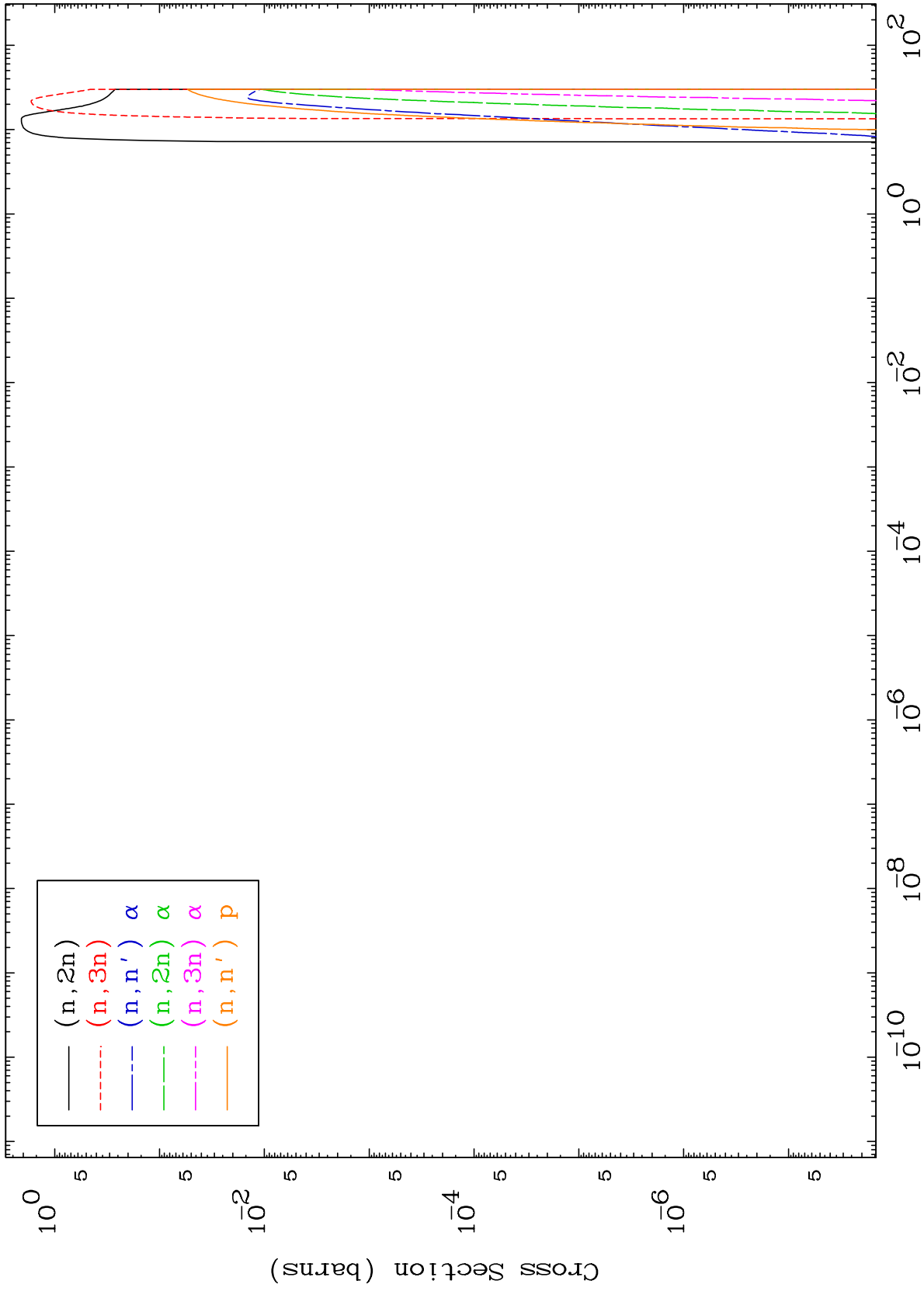
71-Lu-177



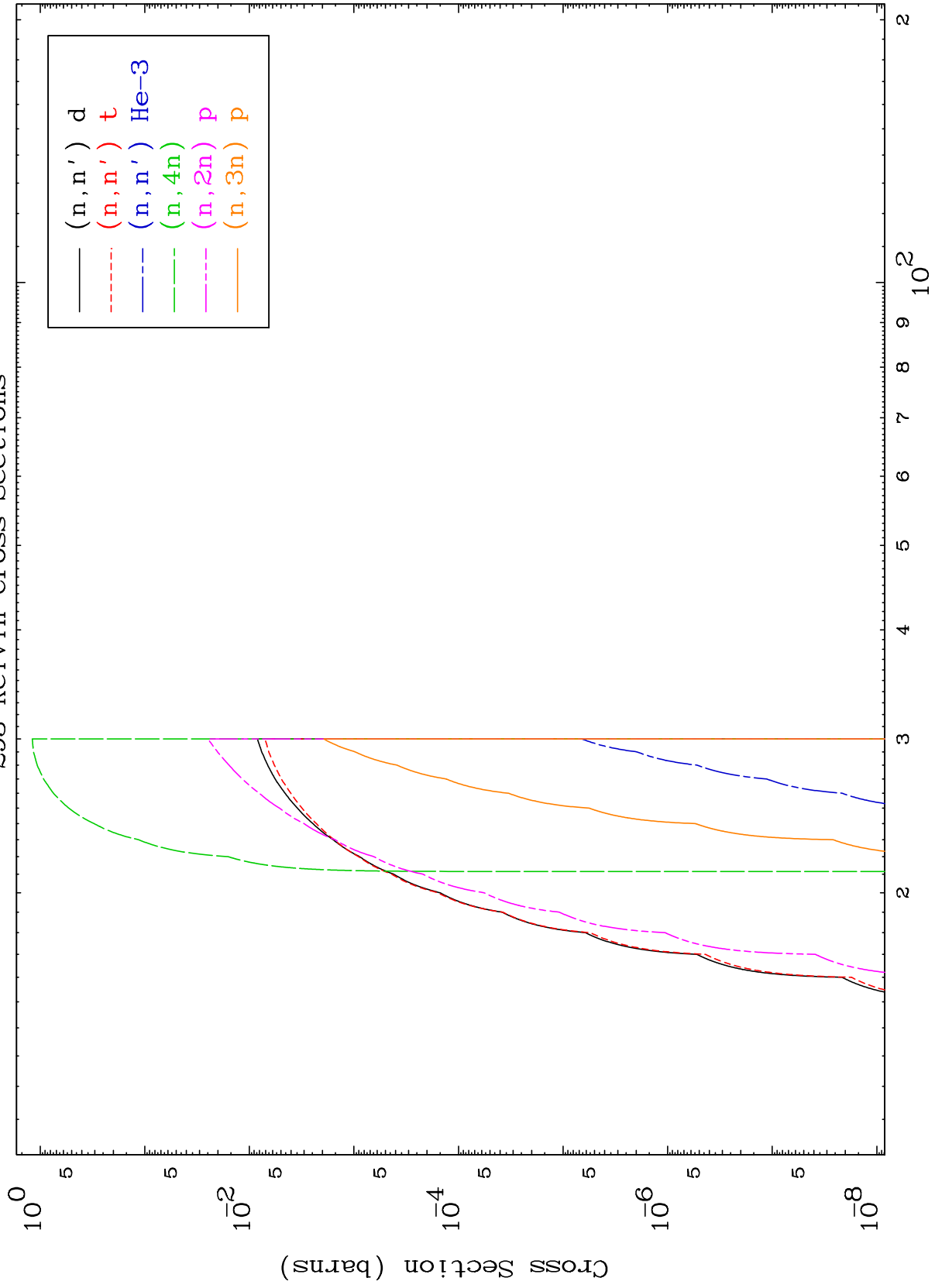
MAT 7131

Neutron Production  
293 Kelvin Cross Sections

71-Lu-177



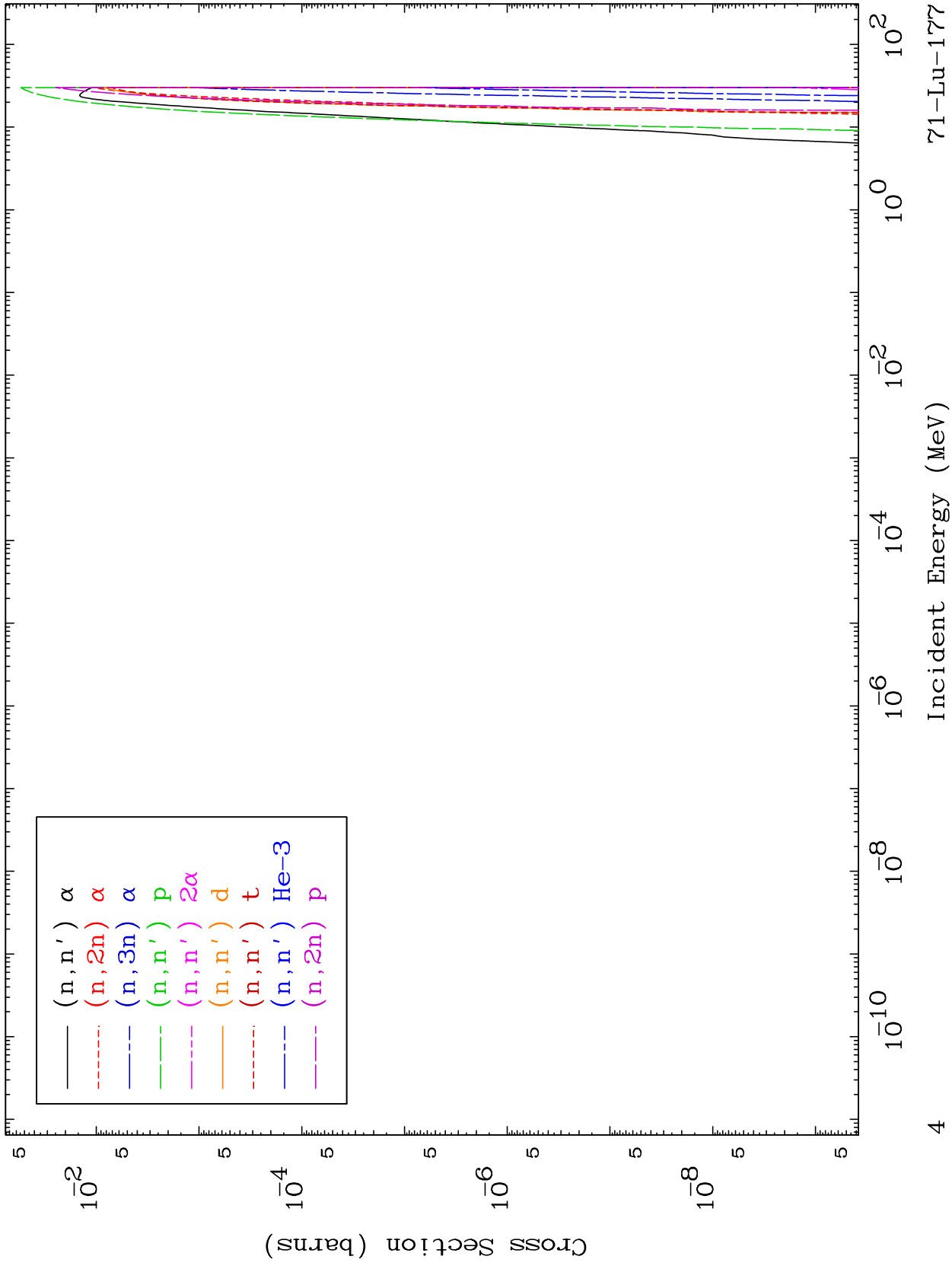
71-Lu-177



MAT 7131

Charged Particle  
293 Kelvin Cross Sections

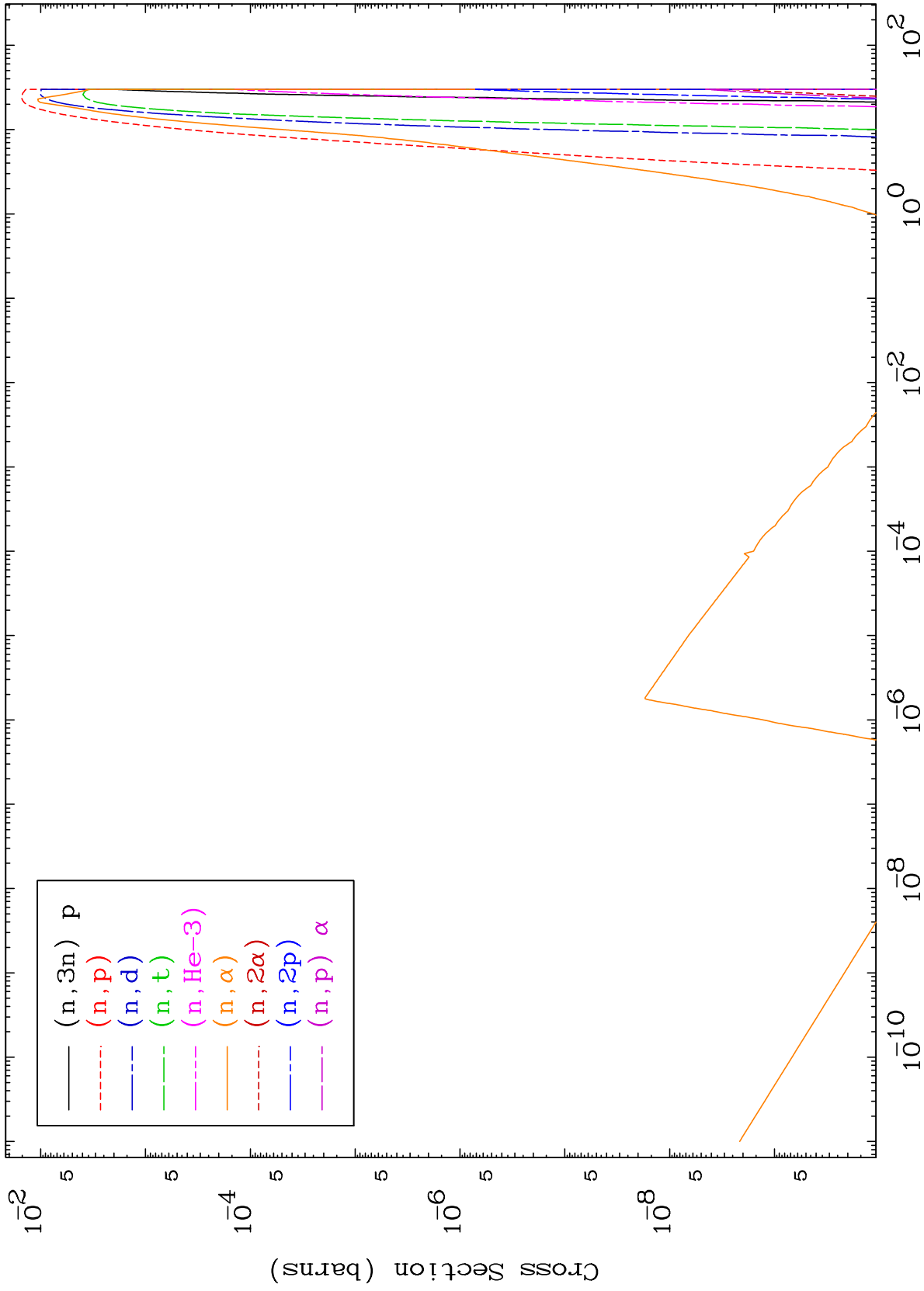
71-Lu-177



MAT 7131

293 Kelvin Cross Sections

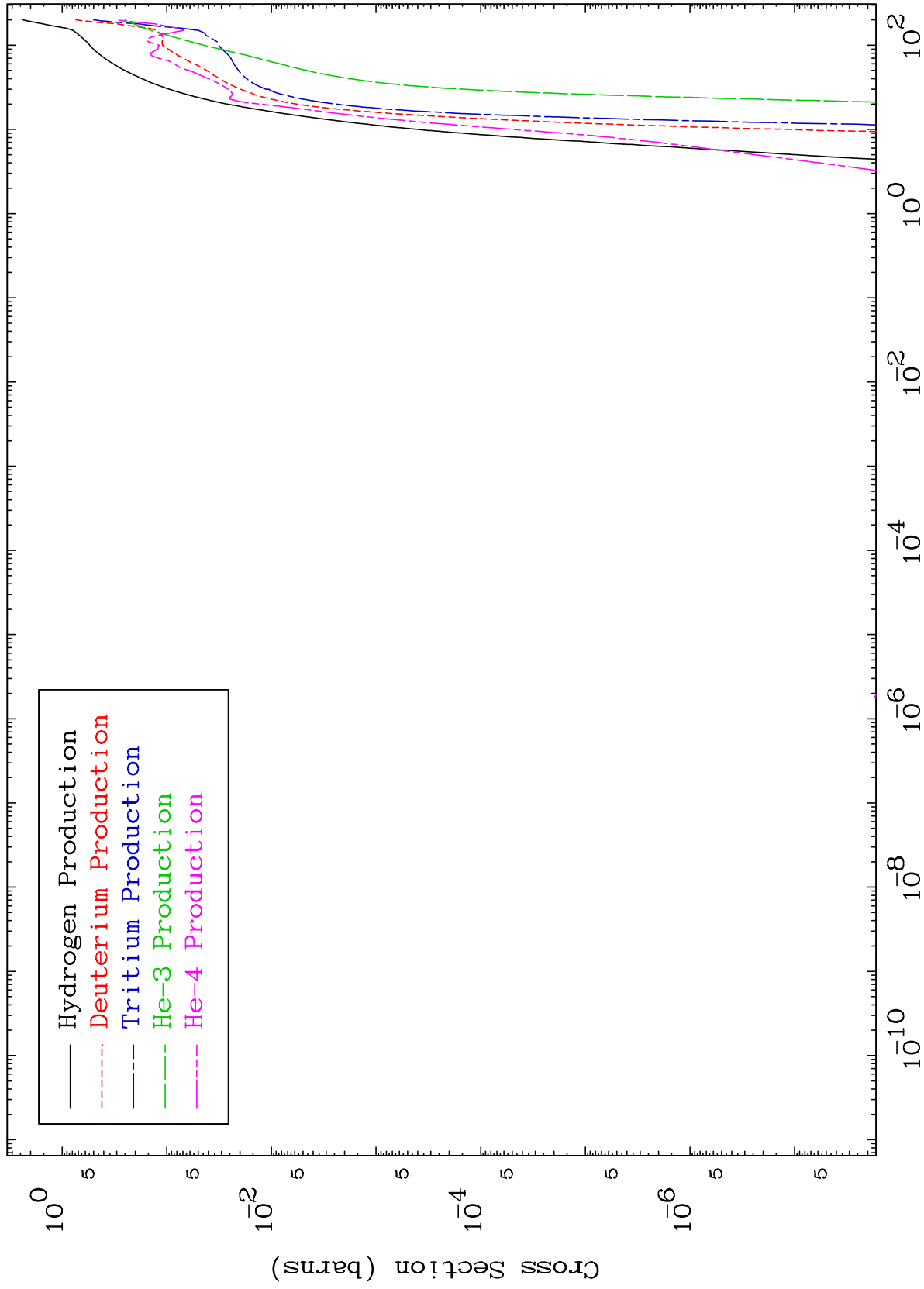
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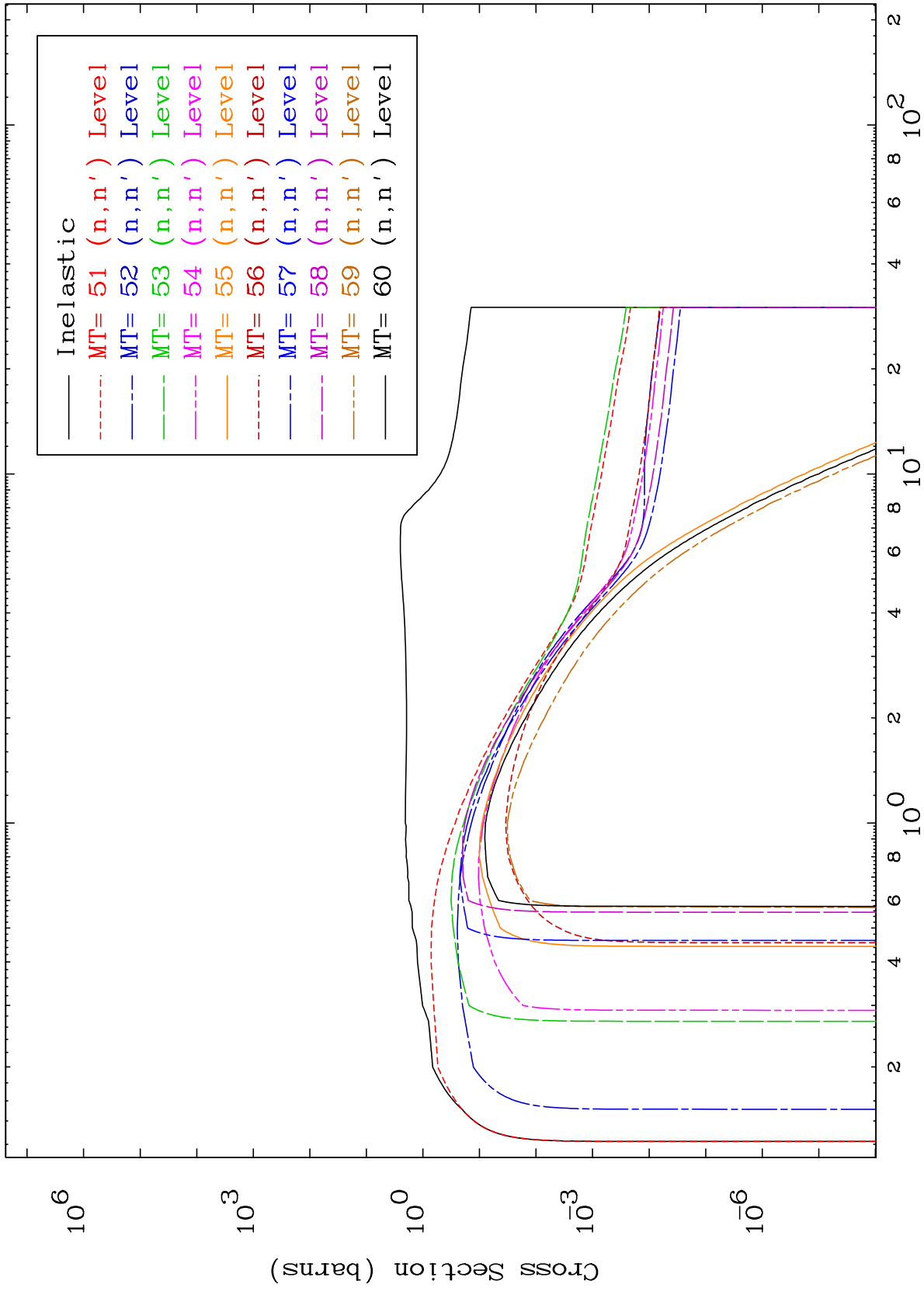


5

Incident Energy (MeV)

71-Lu-177





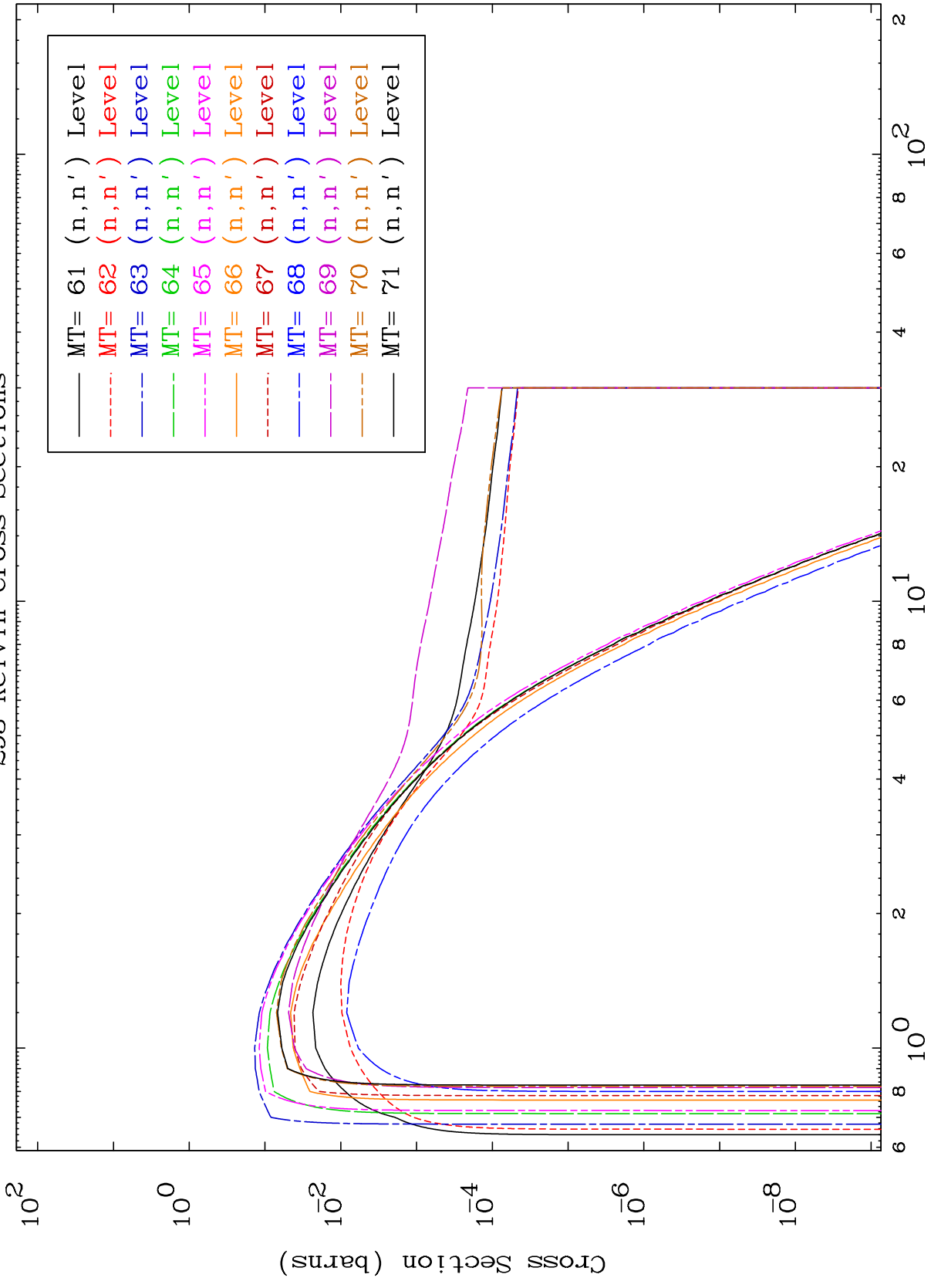


MAT 7131

(n,n') Level

71-Lu-177

293 Kelvin Cross Sections



8

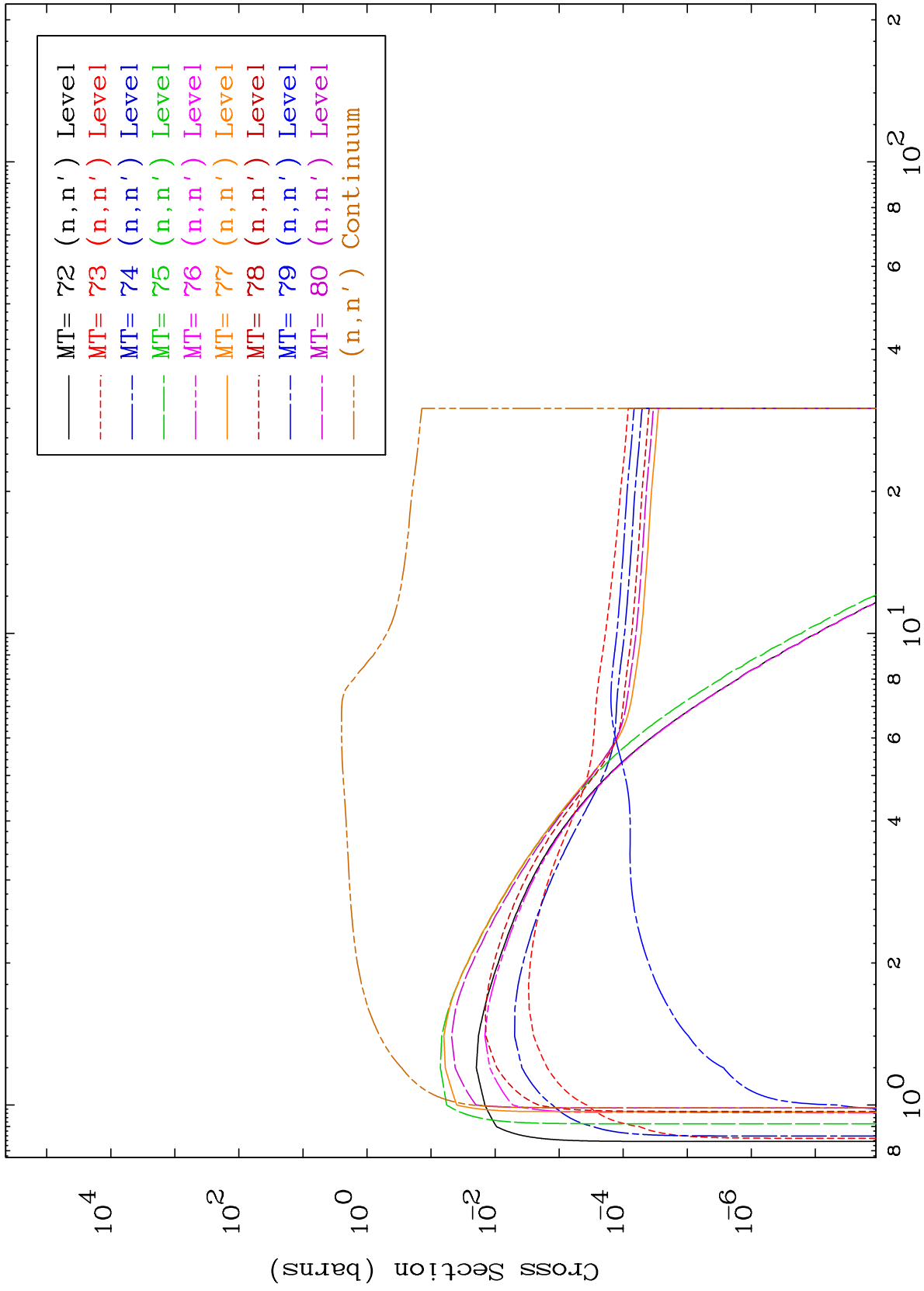
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,n') Level  
293 Kelvin Cross Sections

71-Lu-177



9

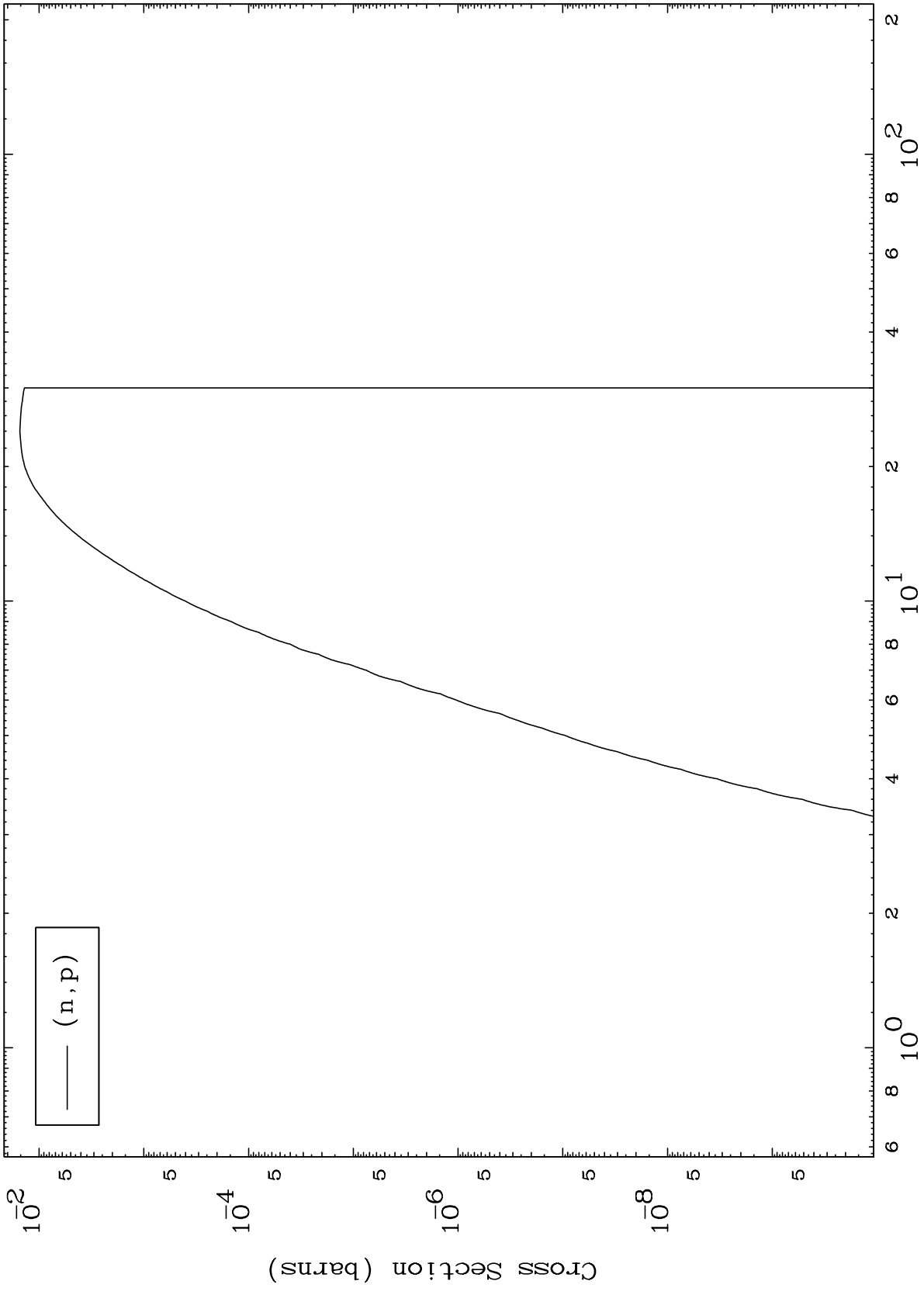
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-177



10

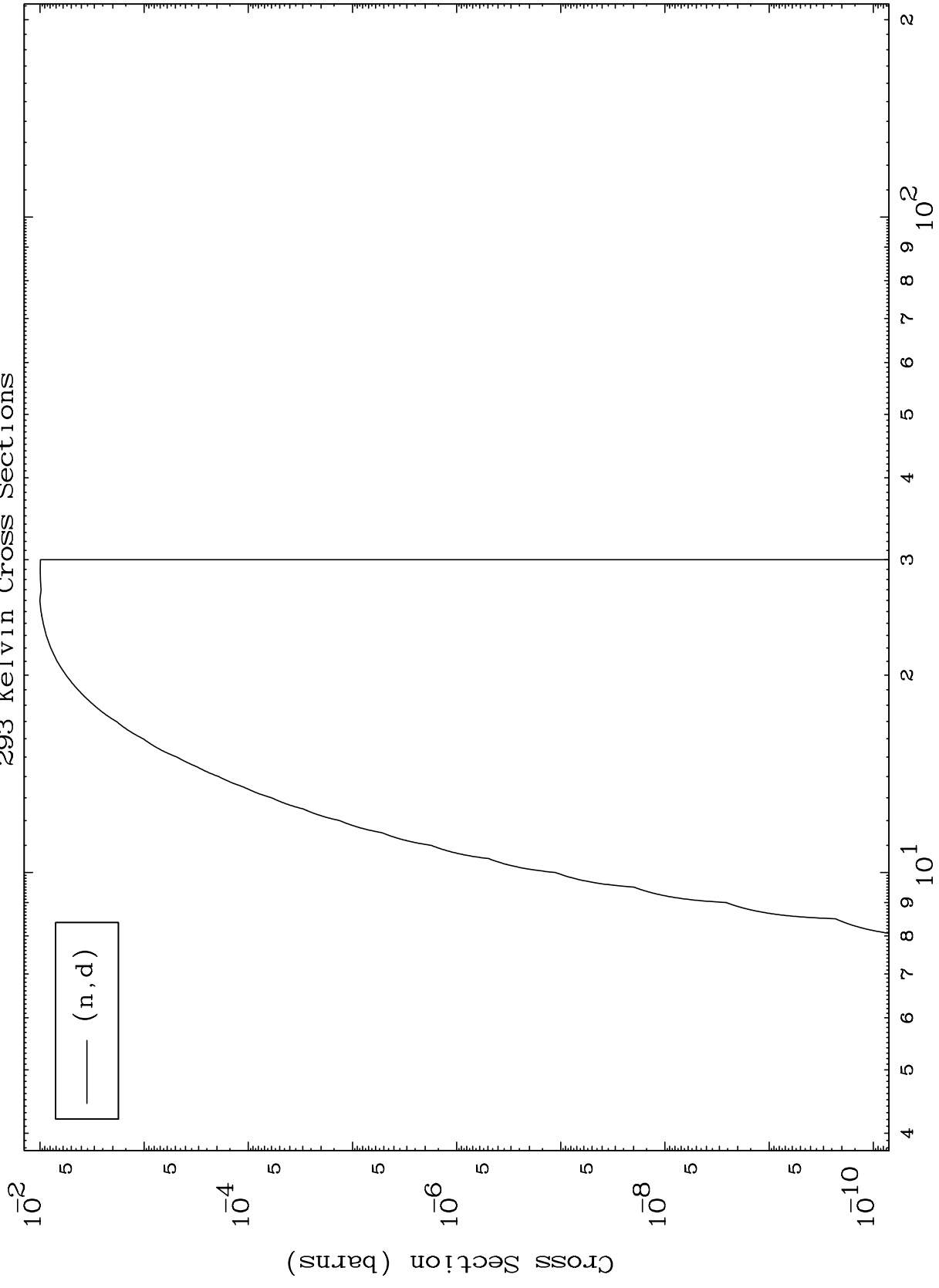
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-177

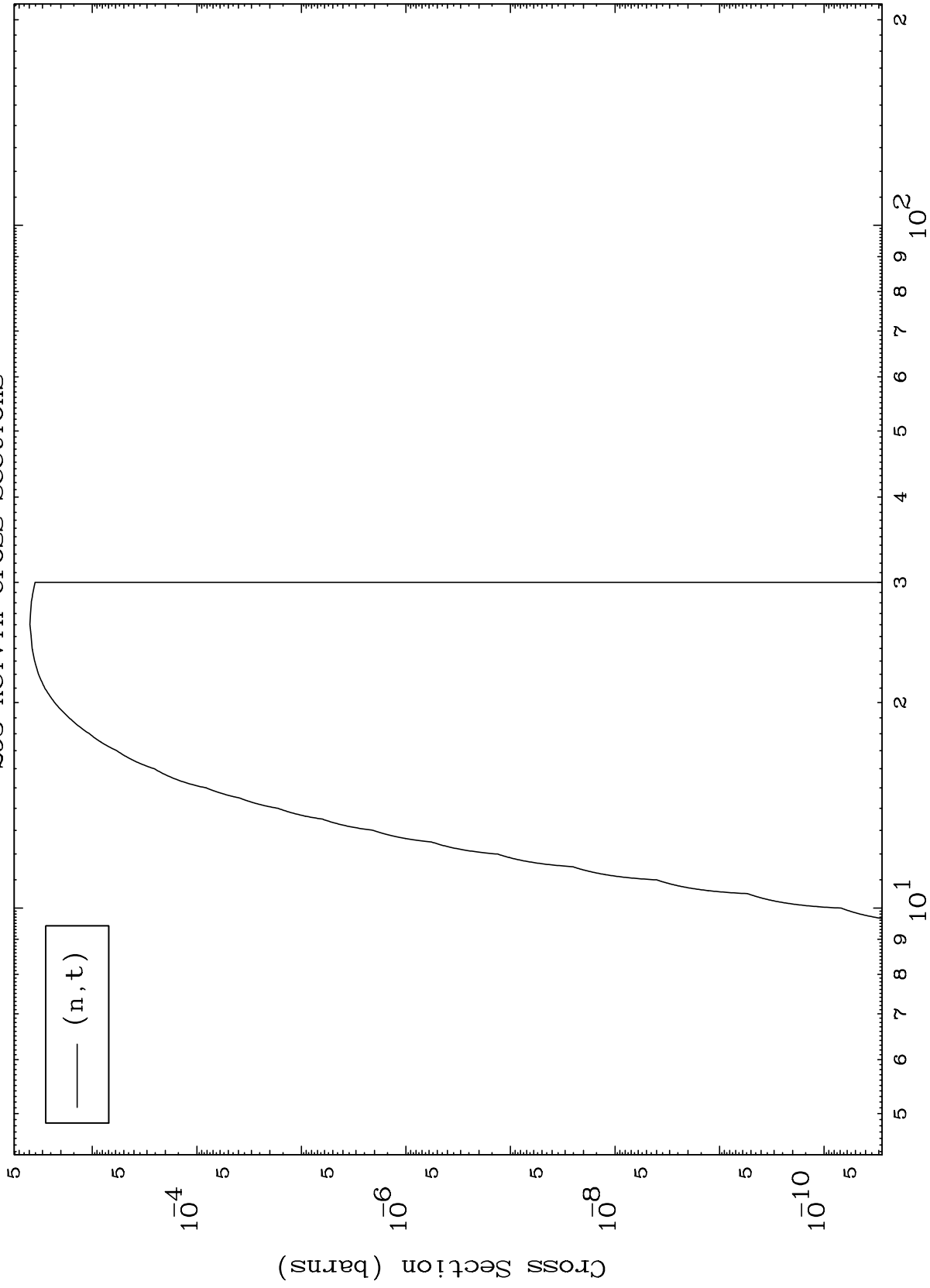


71-Lu-177

MAT 7131

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-177



12

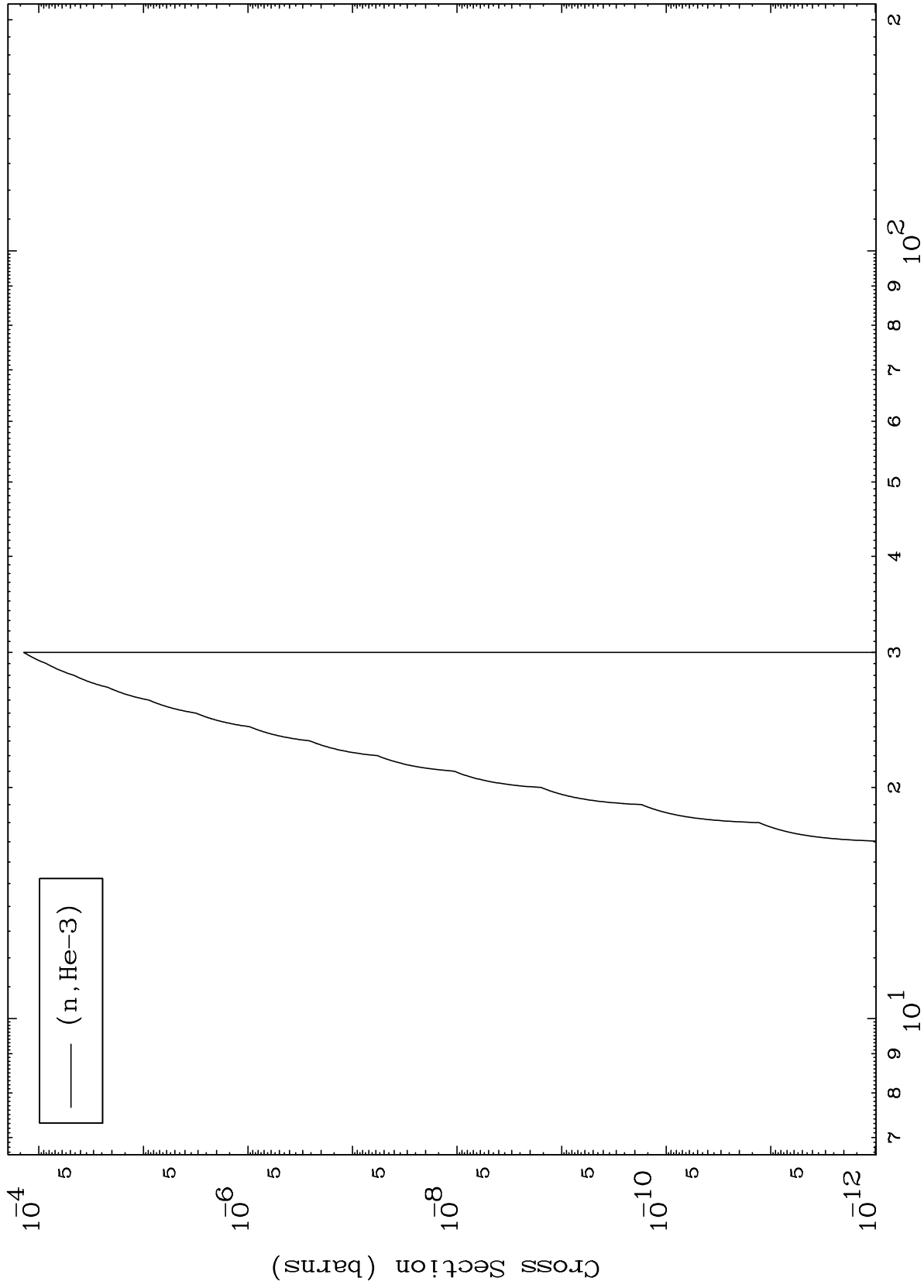
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-177



13

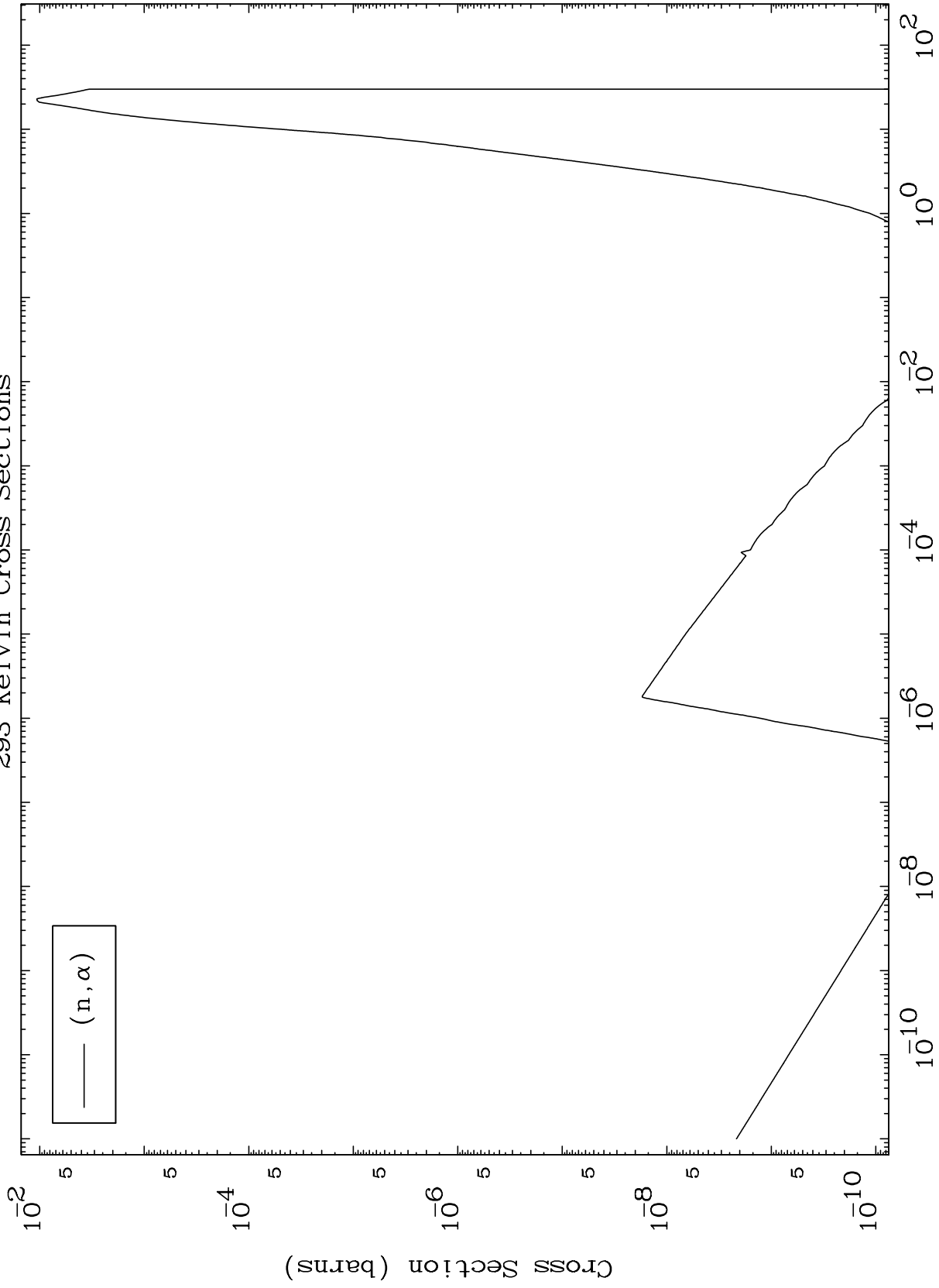
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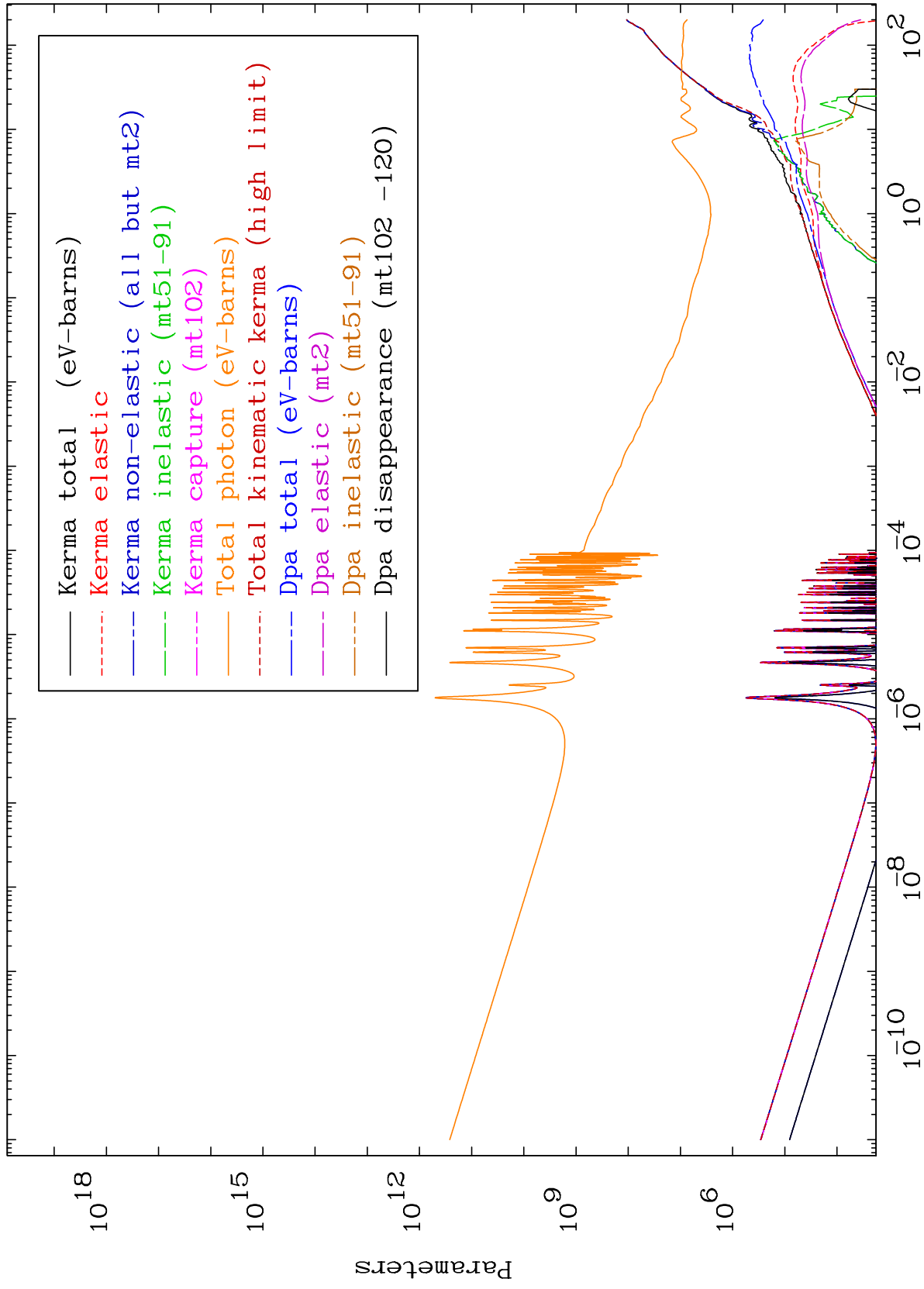
71-Lu-177

MAT 7131

(n,α) Levels  
293 Kelvin Cross Sections

71-Lu-177



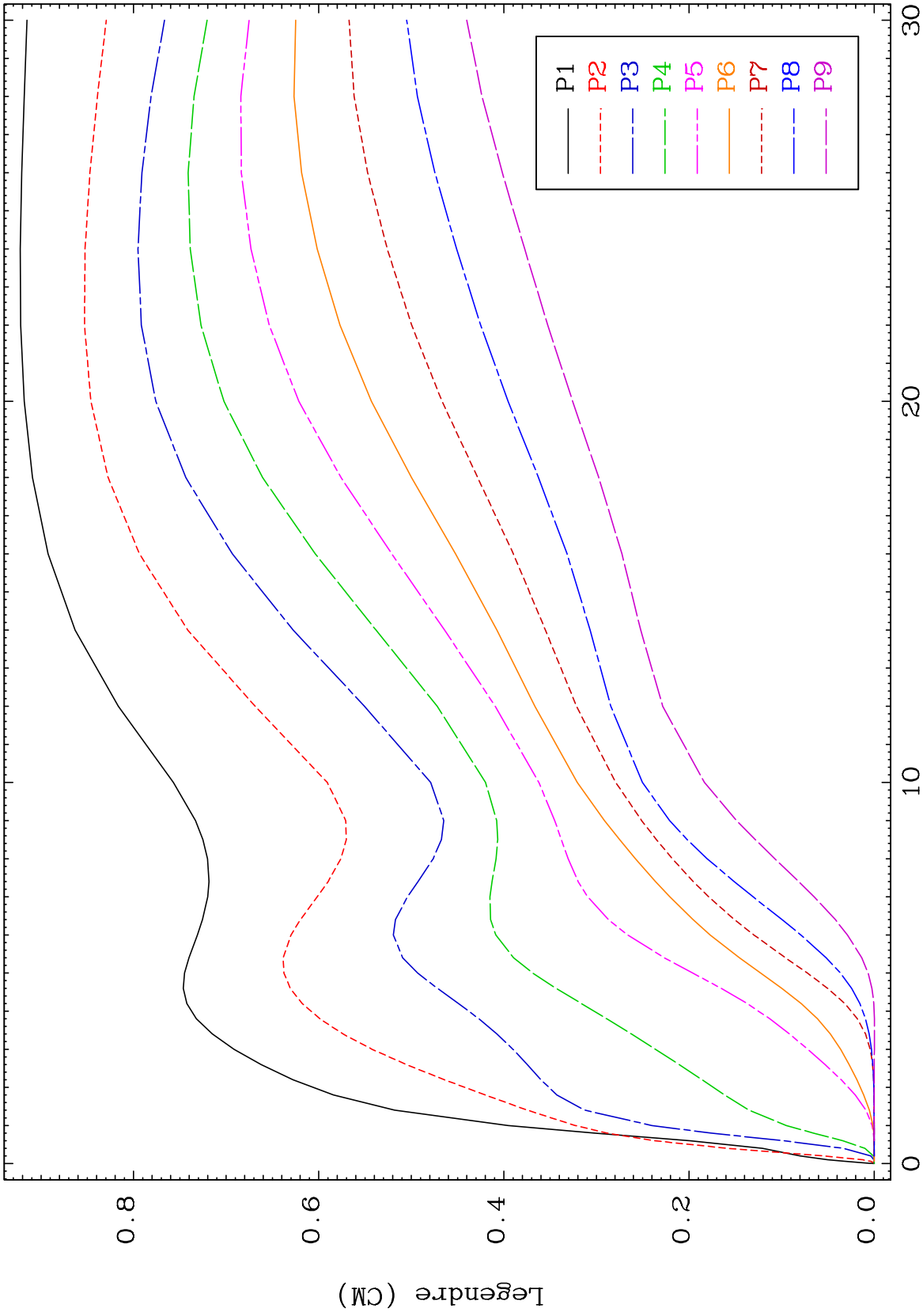




MAT 7131

71-Lu-177

Elastic Legendre Coefficients



16

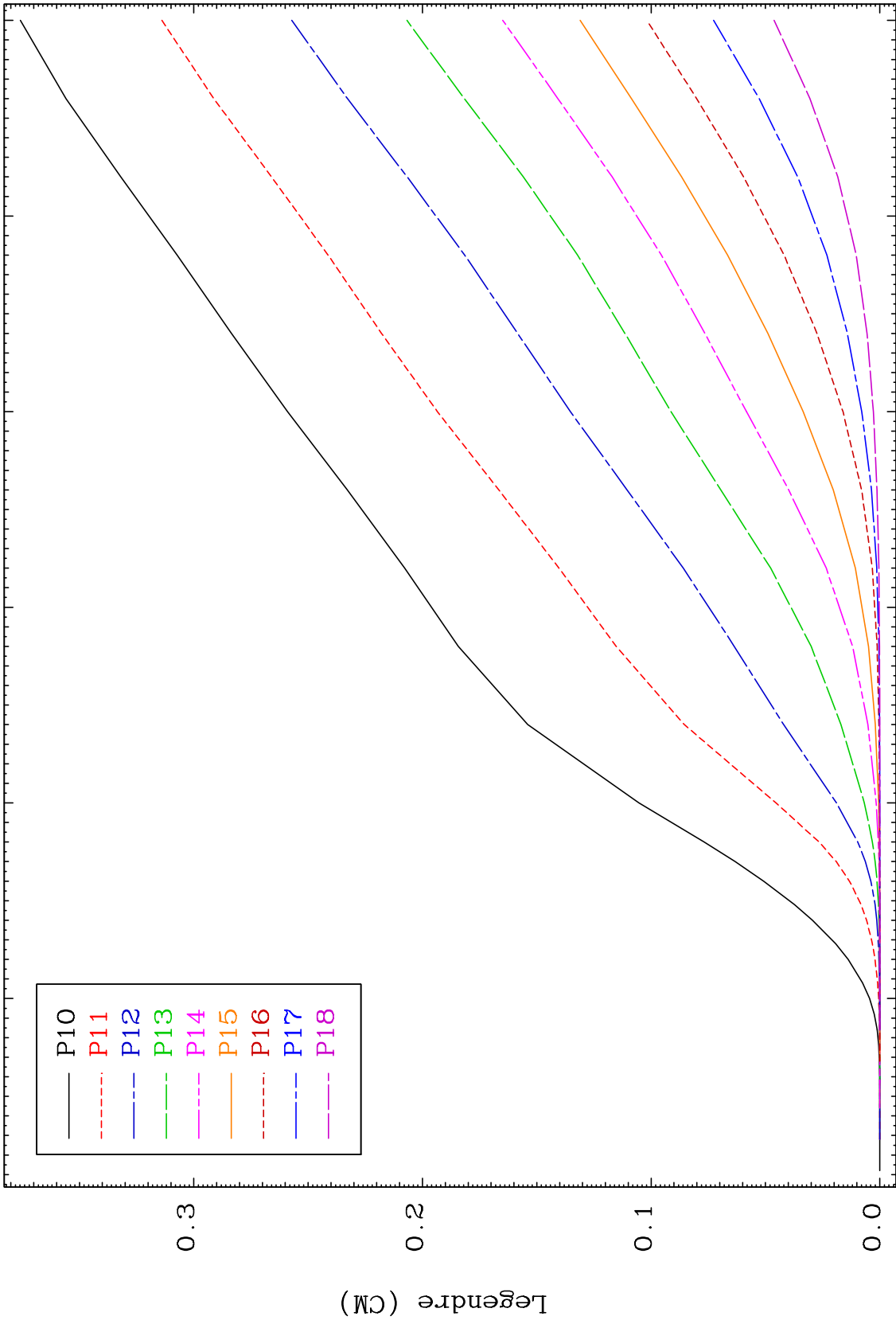
Incident Energy (MeV)

71-Lu-177

MAT 7131

Elastic Legendre Coefficients

71-Lu-177



17

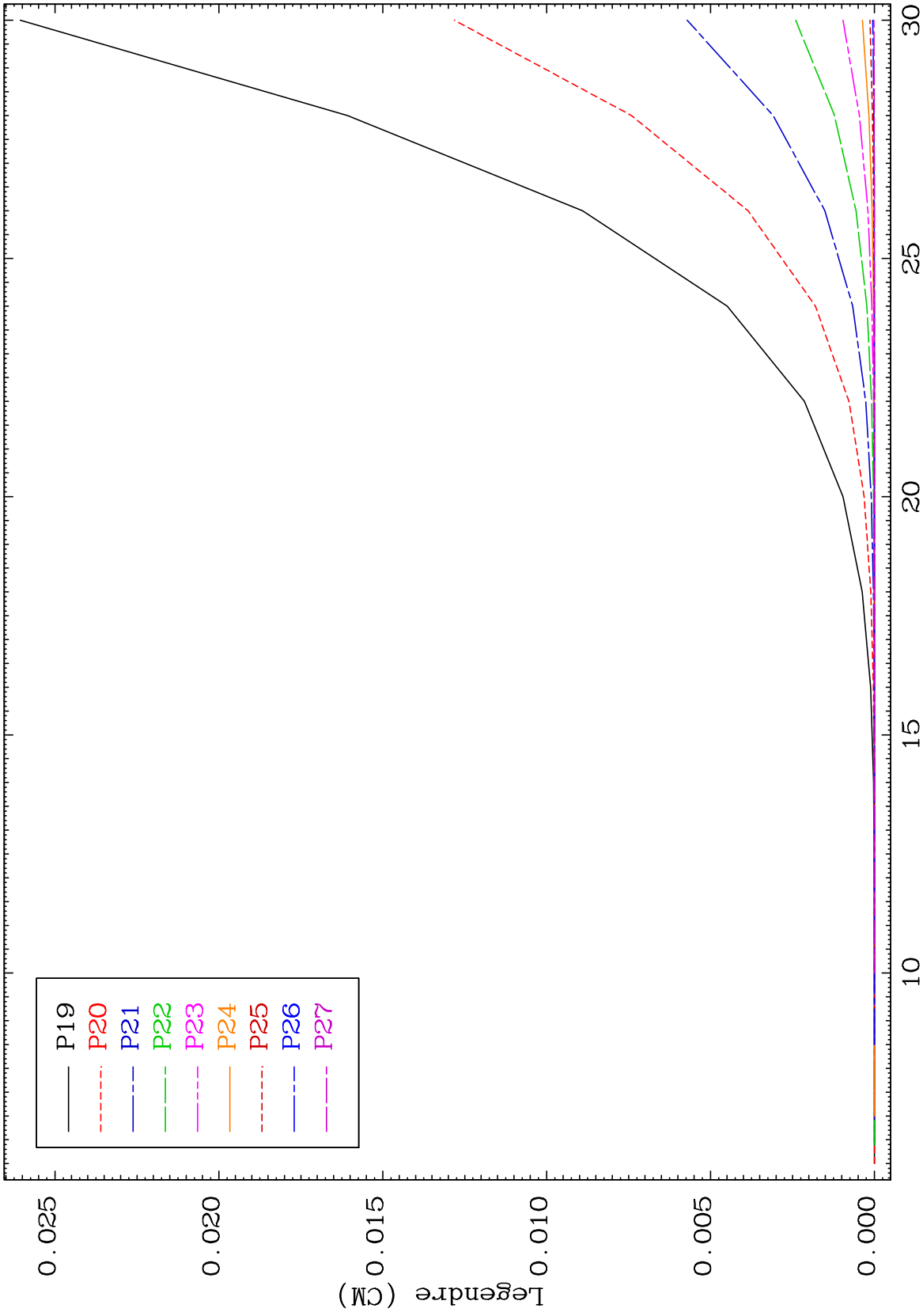
Incident Energy (MeV)

71-Lu-177

MAT 7131

Elastic Legendre Coefficients

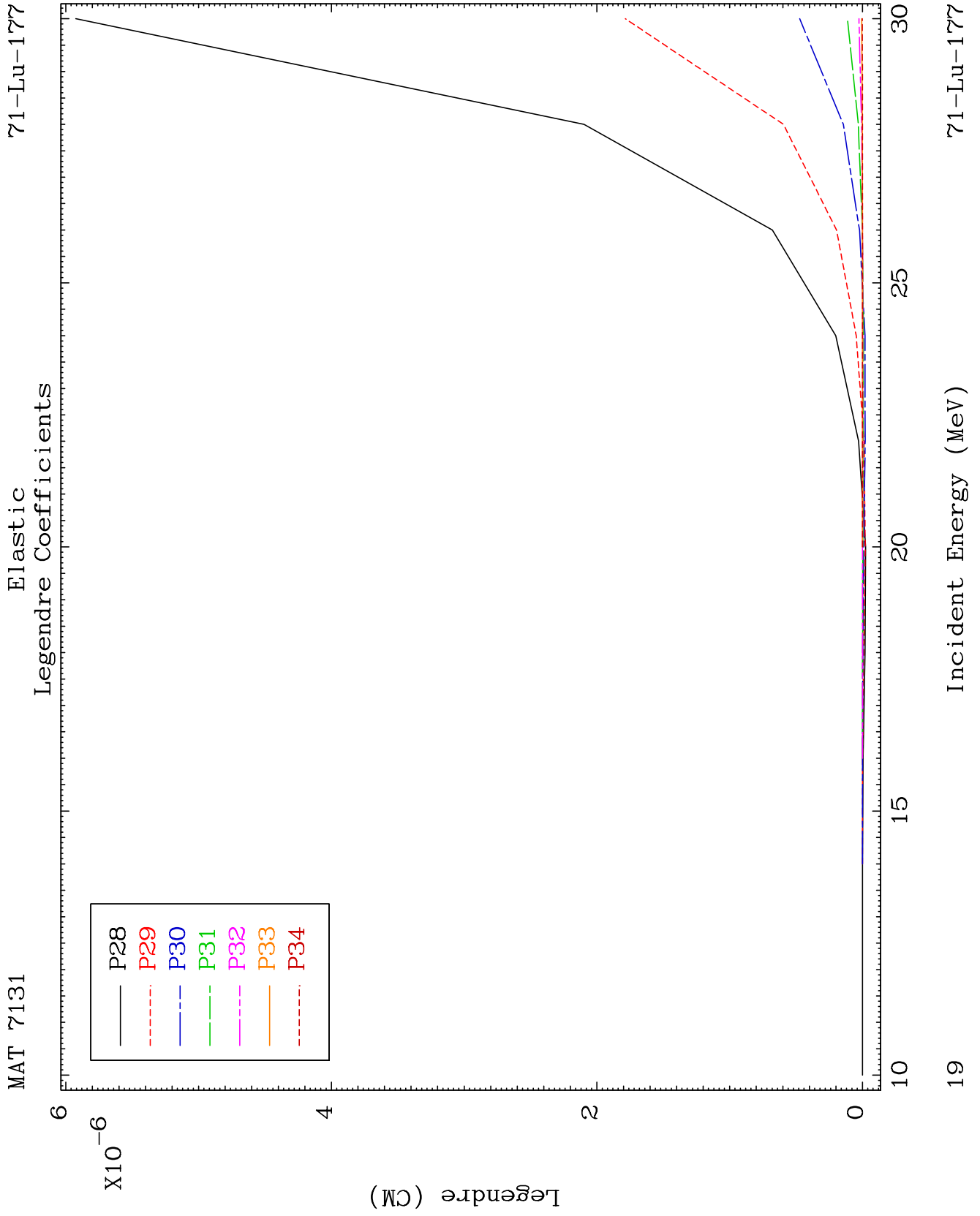
71-Lu-177



18

Incident Energy (MeV)

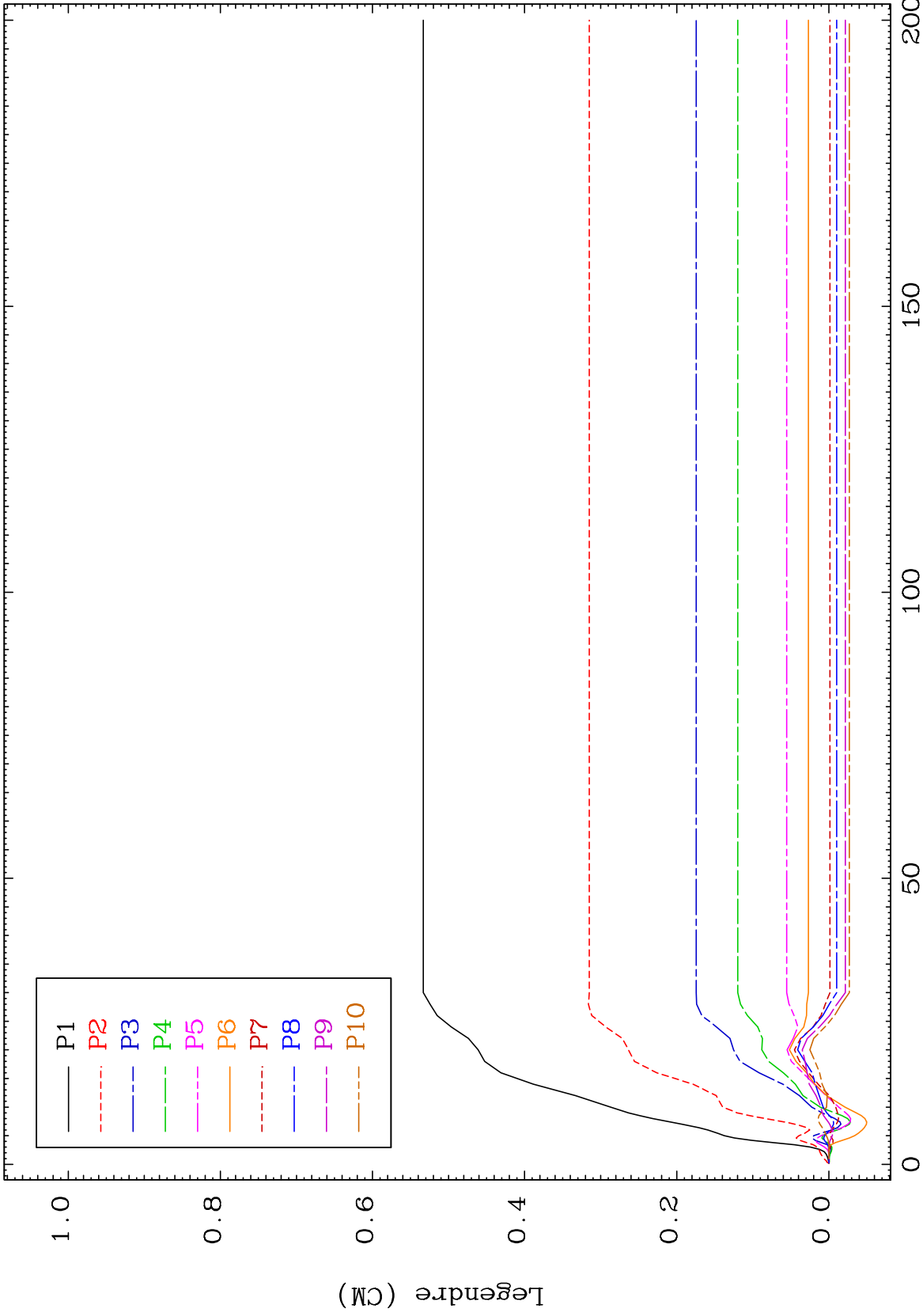
71-Lu-177



MAT 7131

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

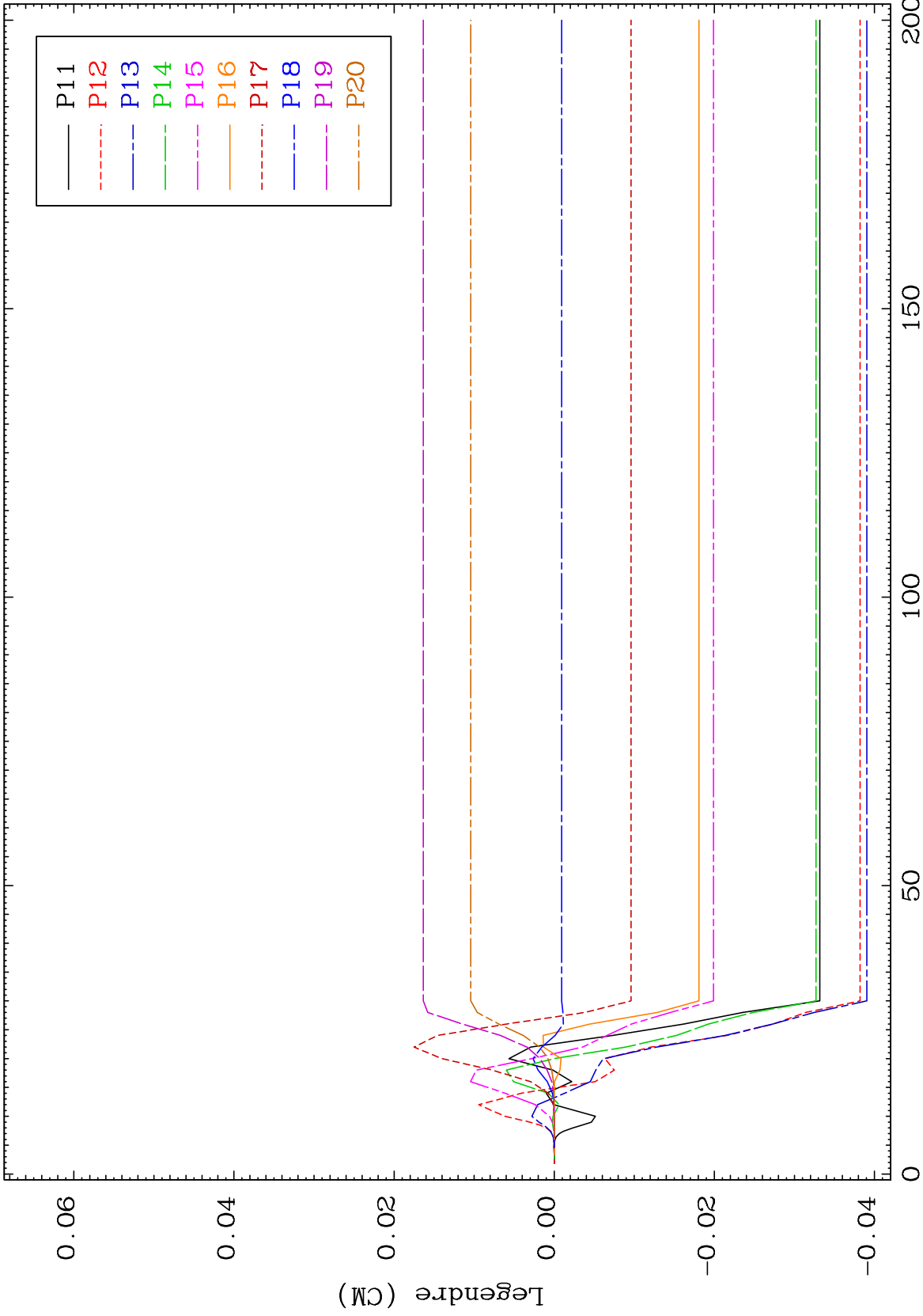
71-Lu-177



MAT 7131

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

71-Lu-177



21

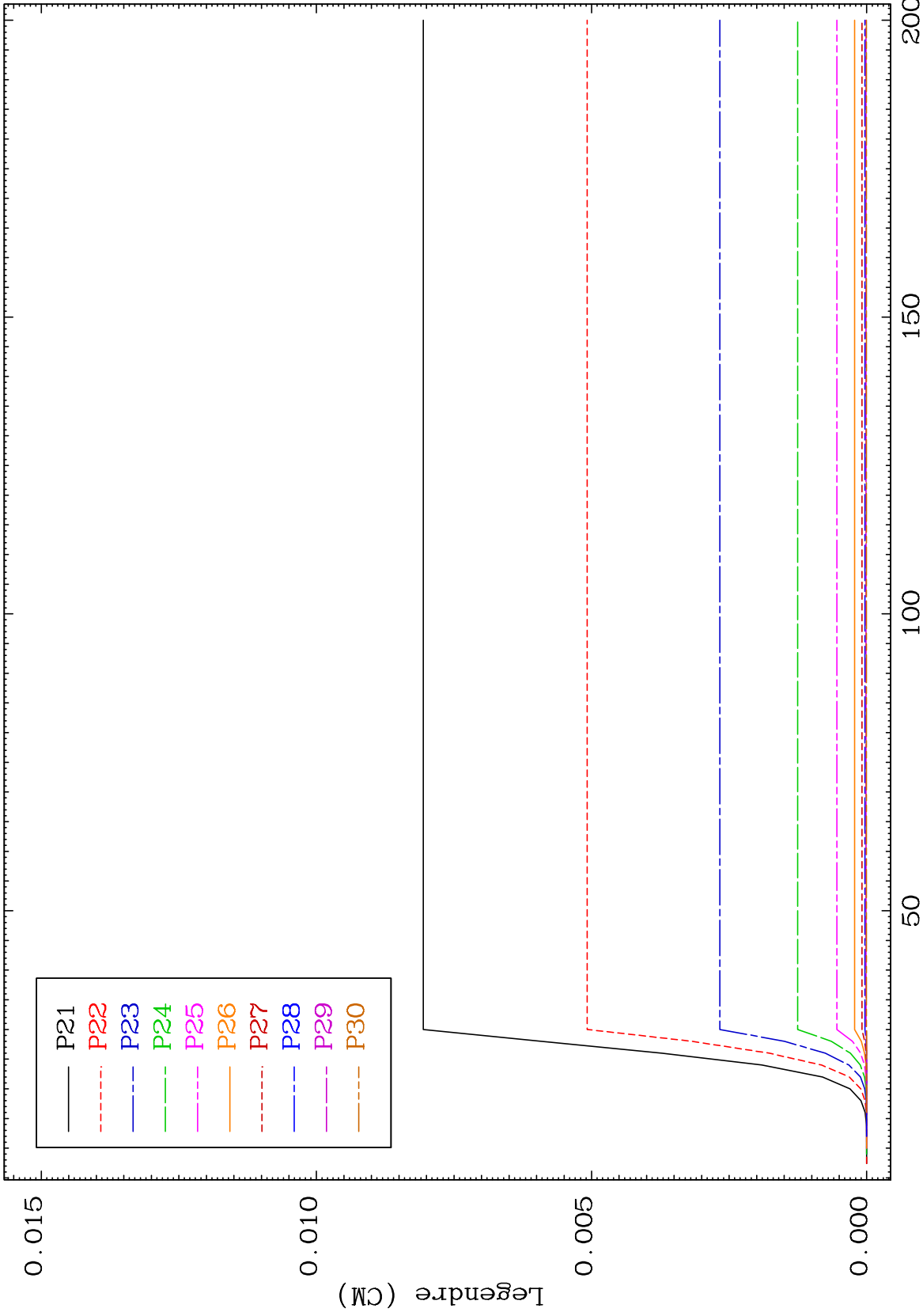
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



22

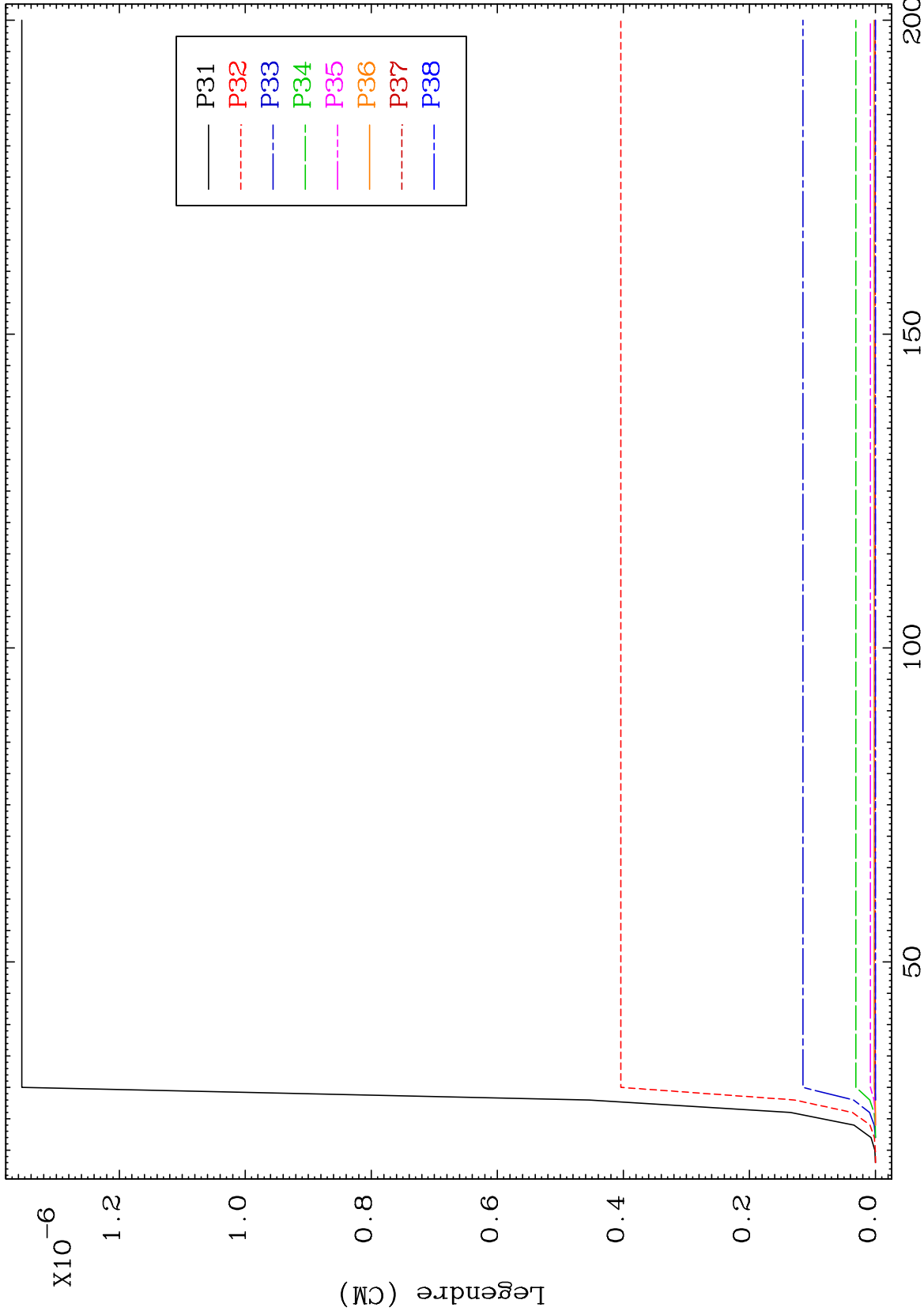
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



23

Incident Energy (MeV)

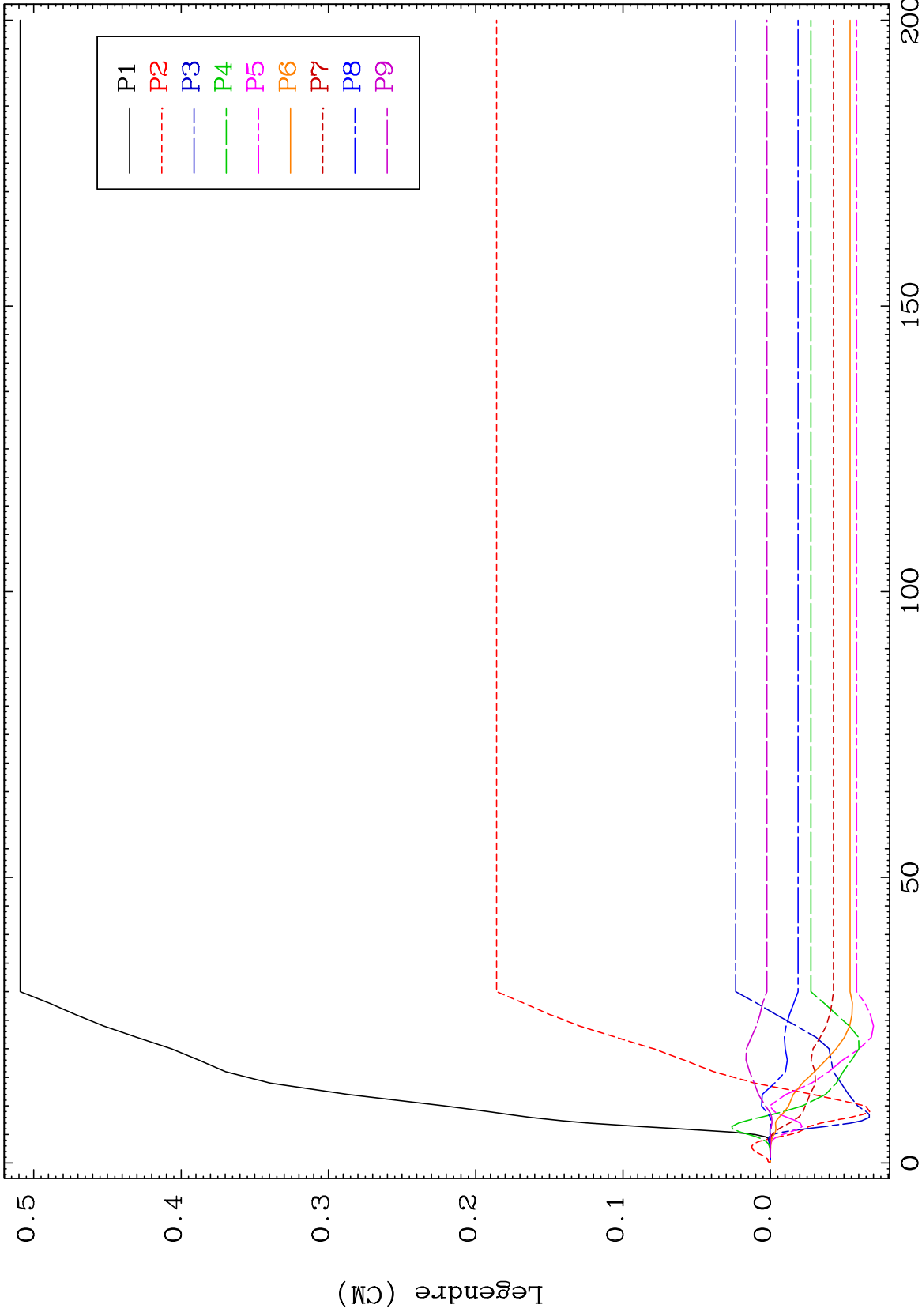
71-Lu-177



MAT 7131

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

71-Lu-177



24

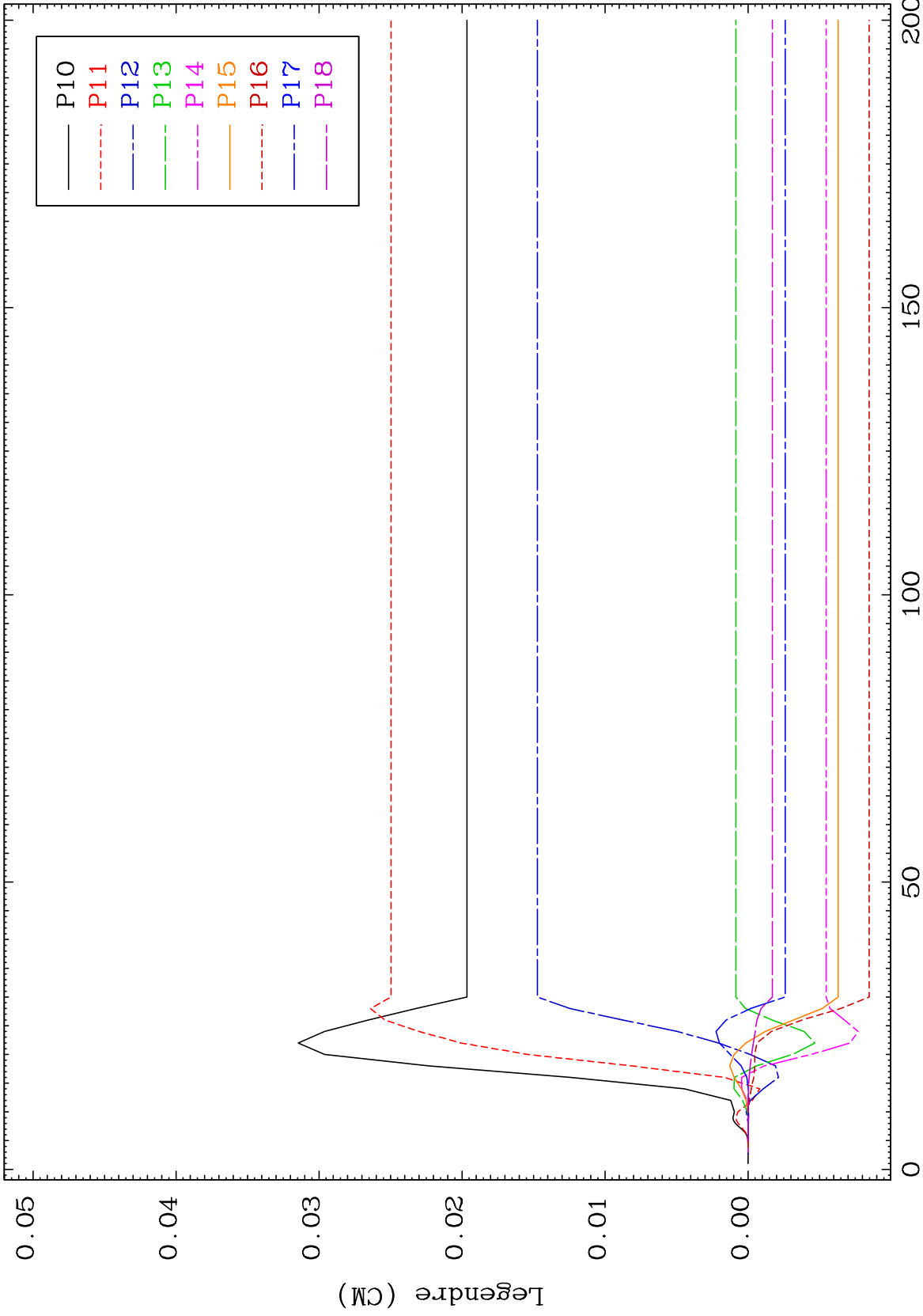
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



25

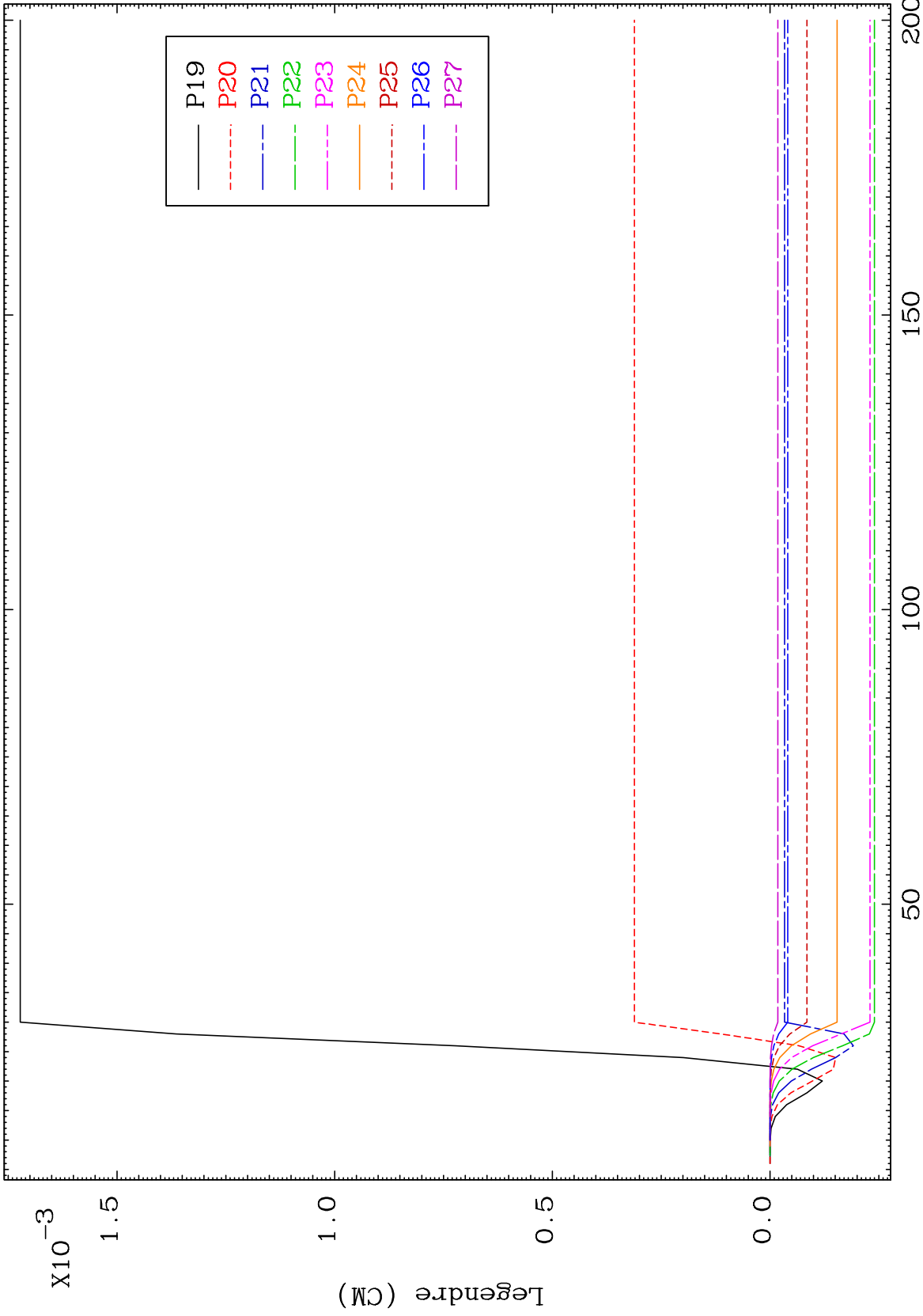
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



26

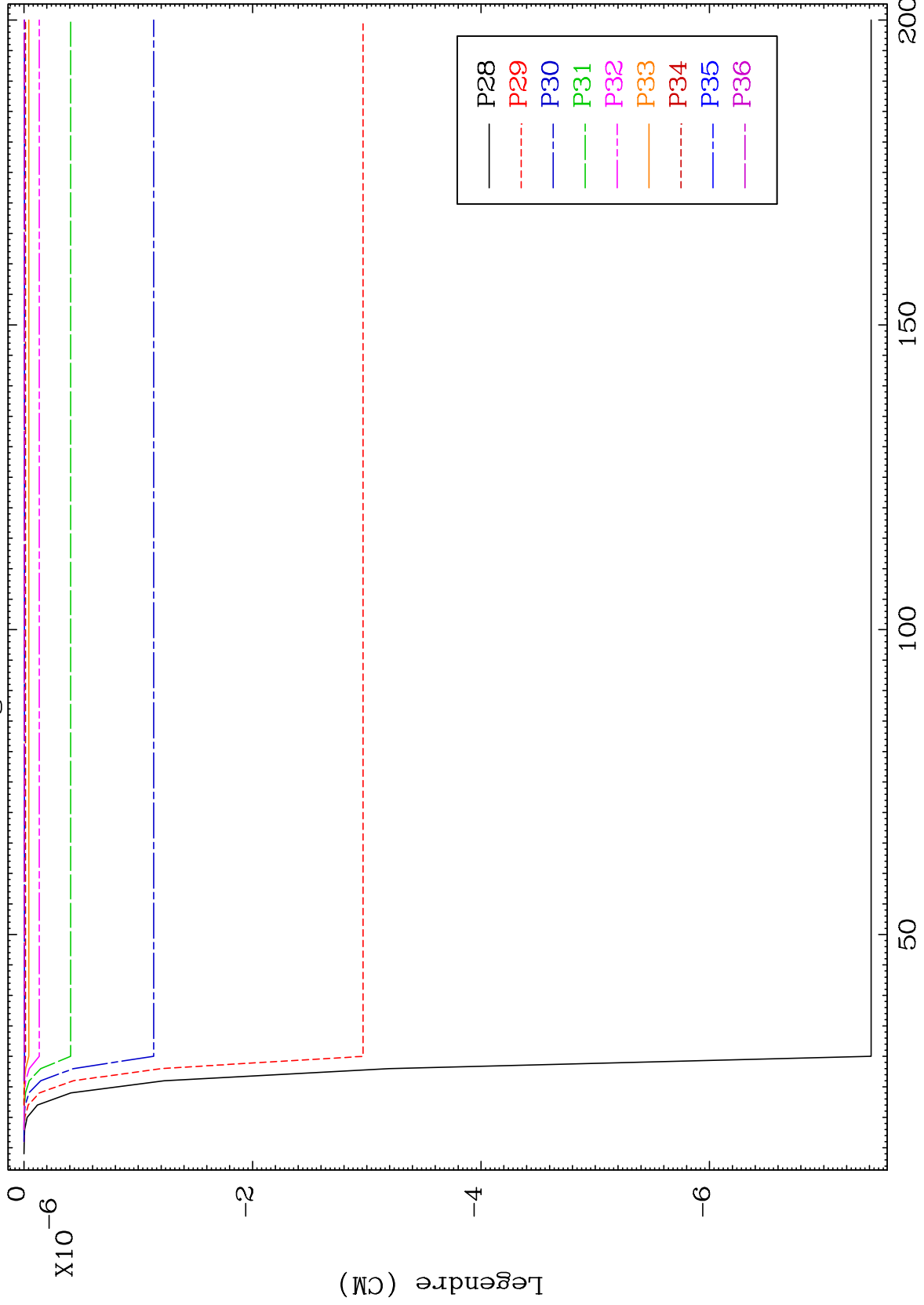
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177

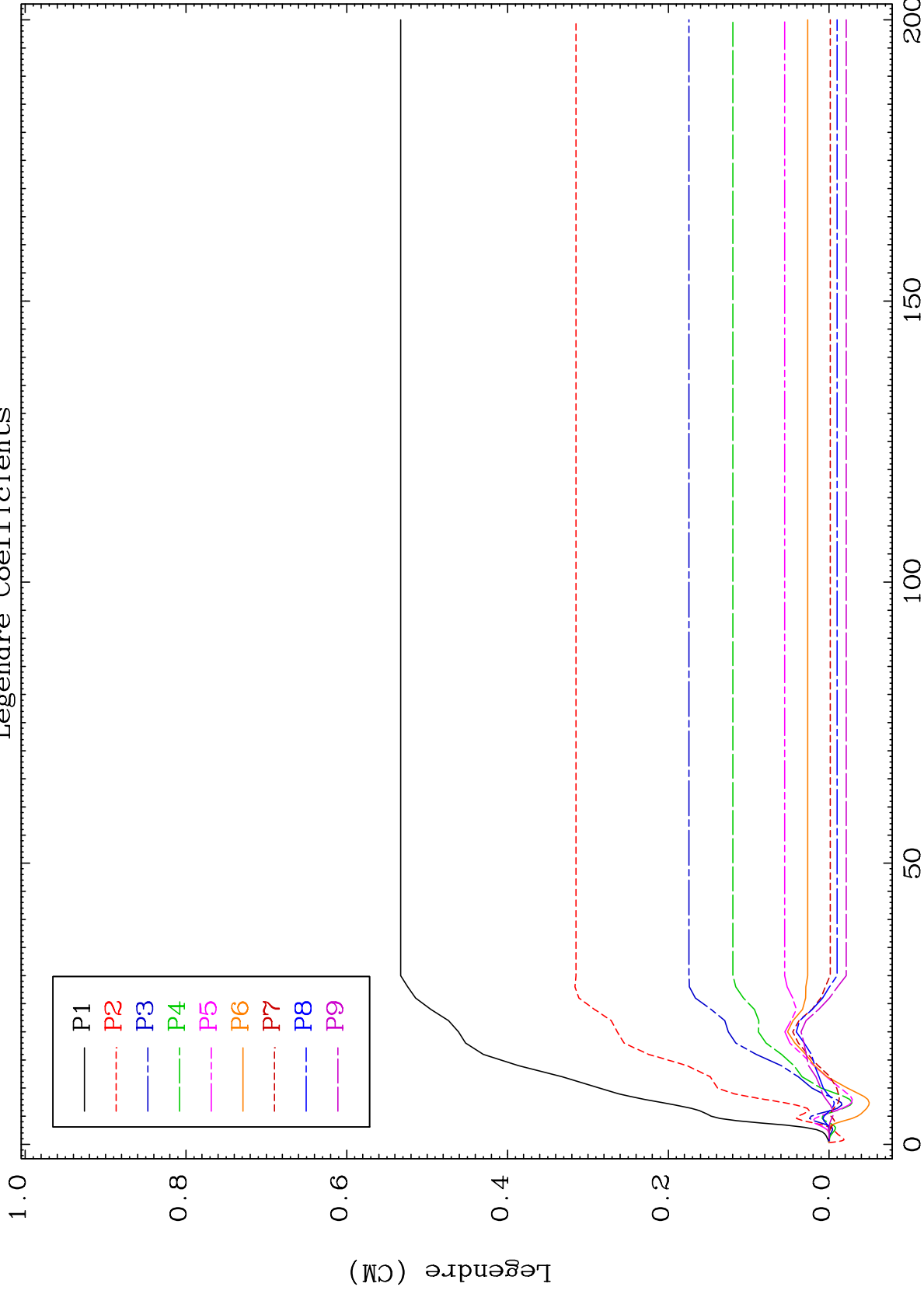


27

MAT 7131

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

71-Lu-177



28

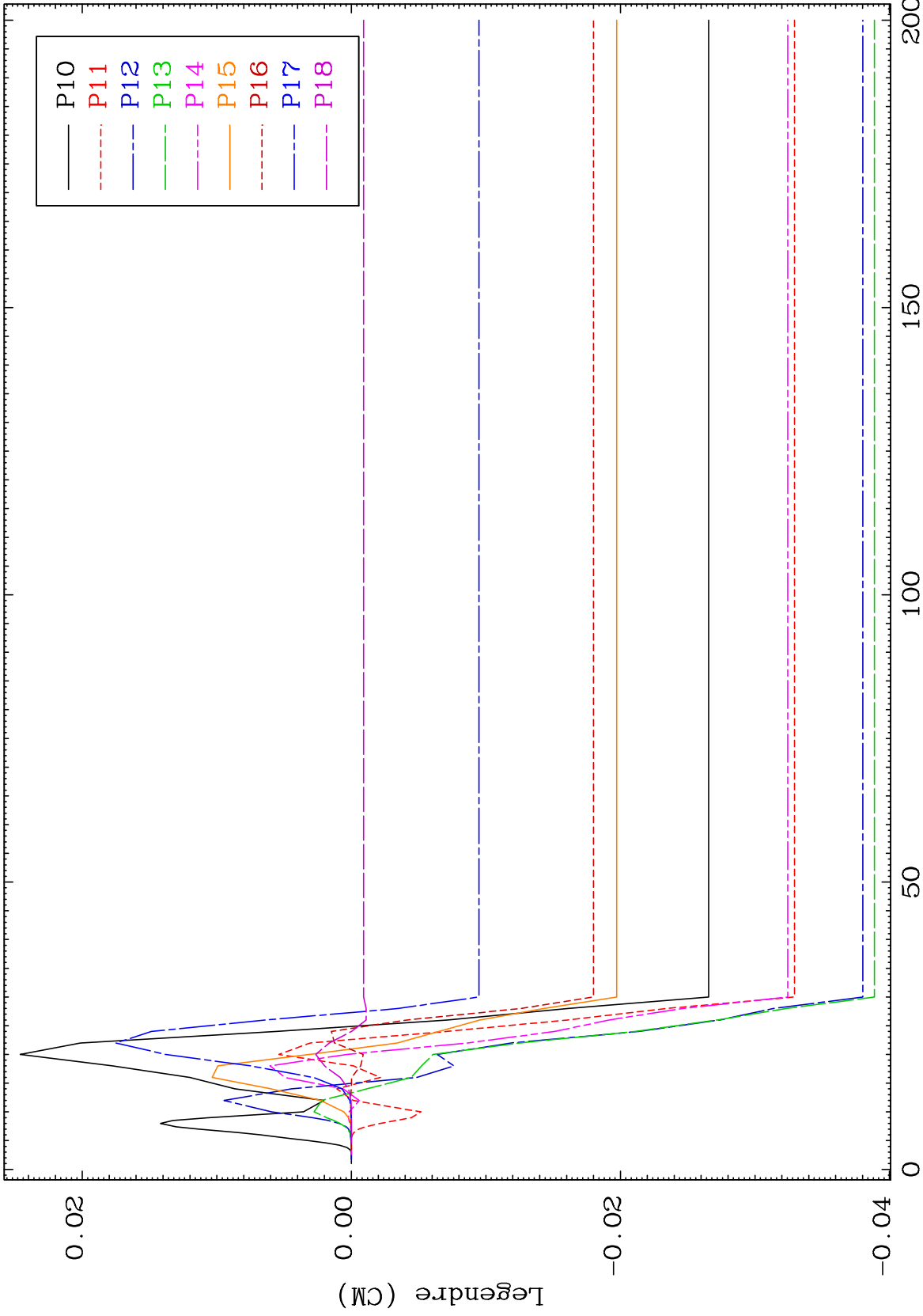
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



29

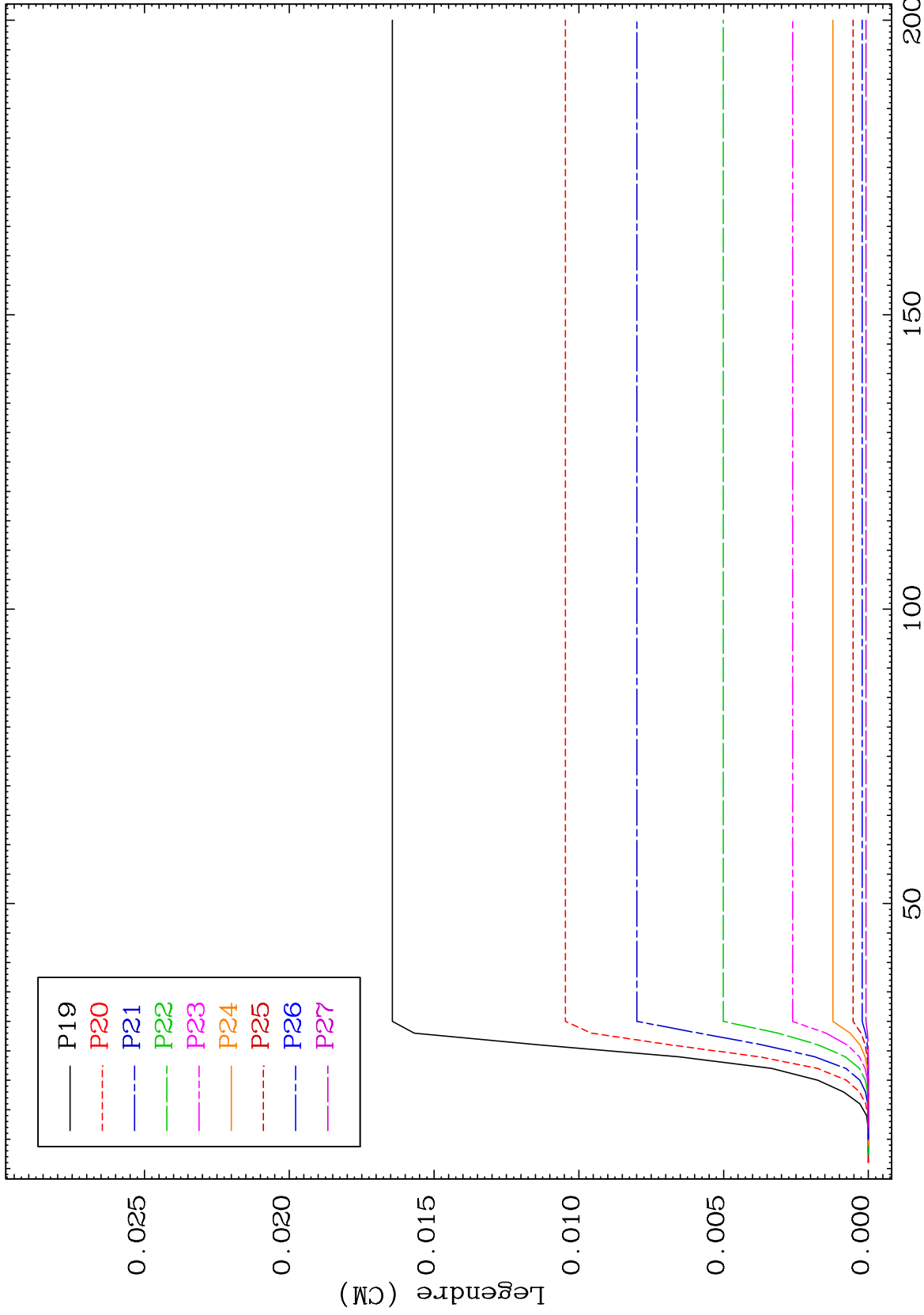
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



30

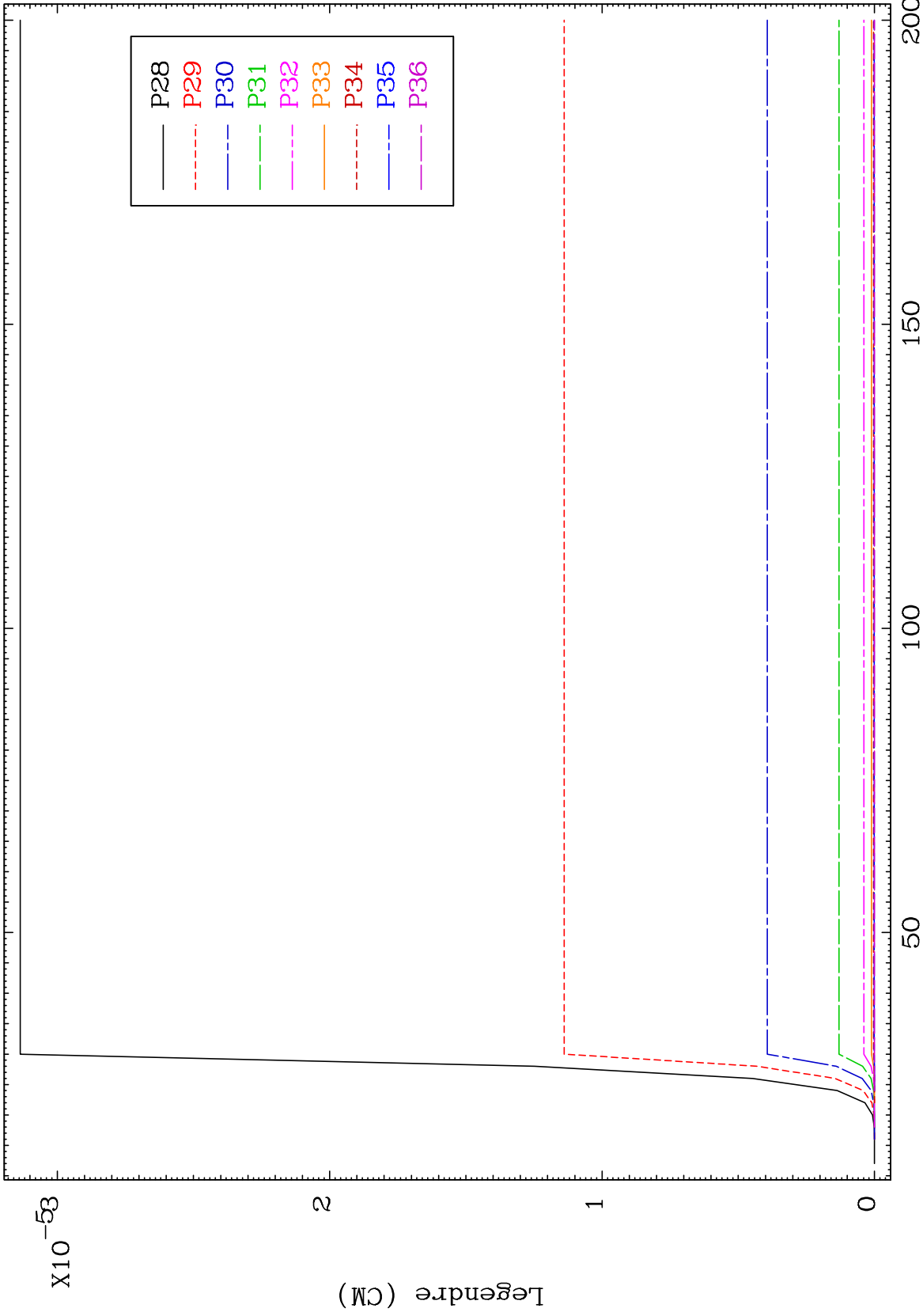
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



31

Incident Energy (MeV)

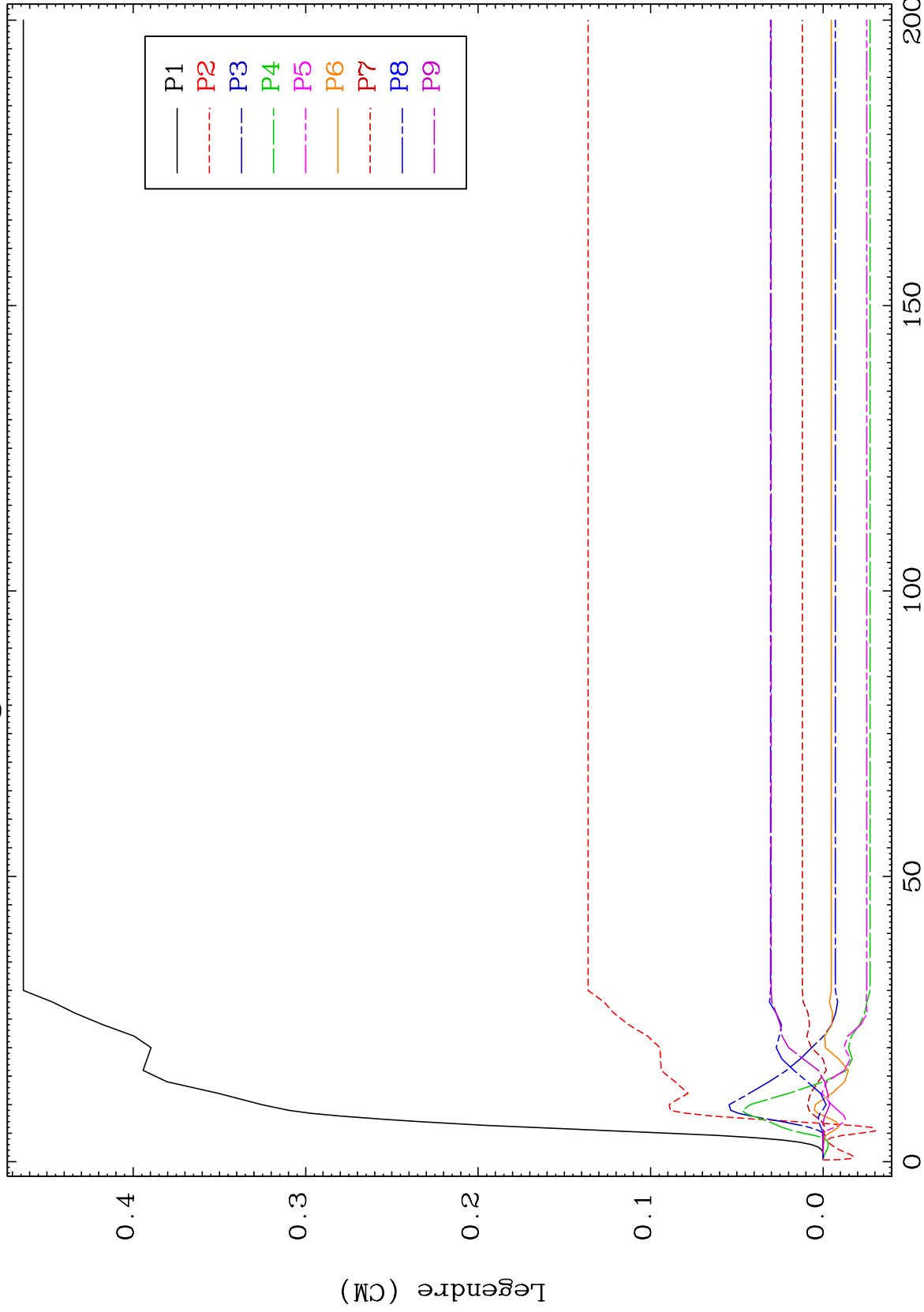
71-Lu-177



MAT 7131

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

71-Lu-177



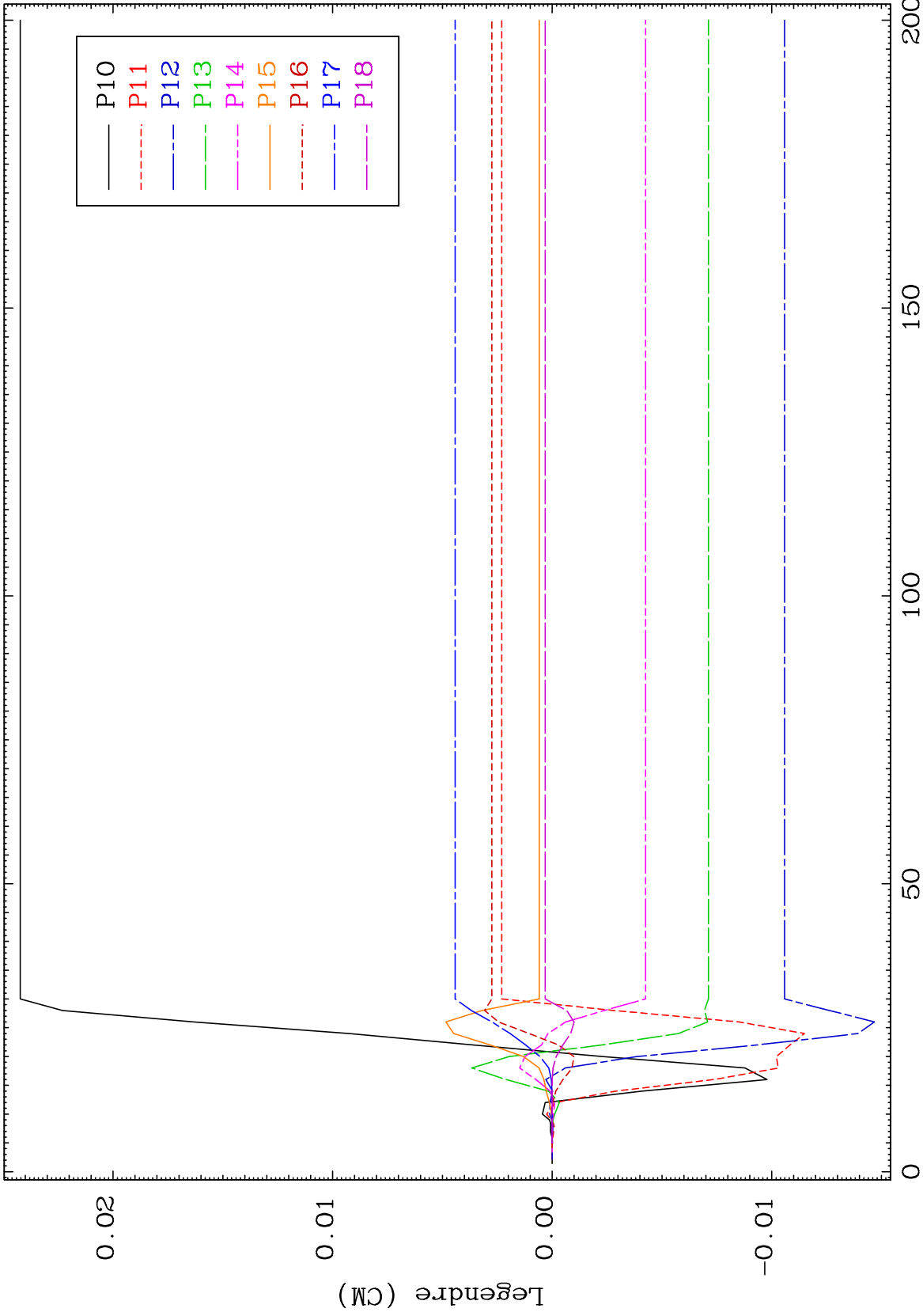
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71-Lu-177

MAT 7131

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

71-Lu-177



33

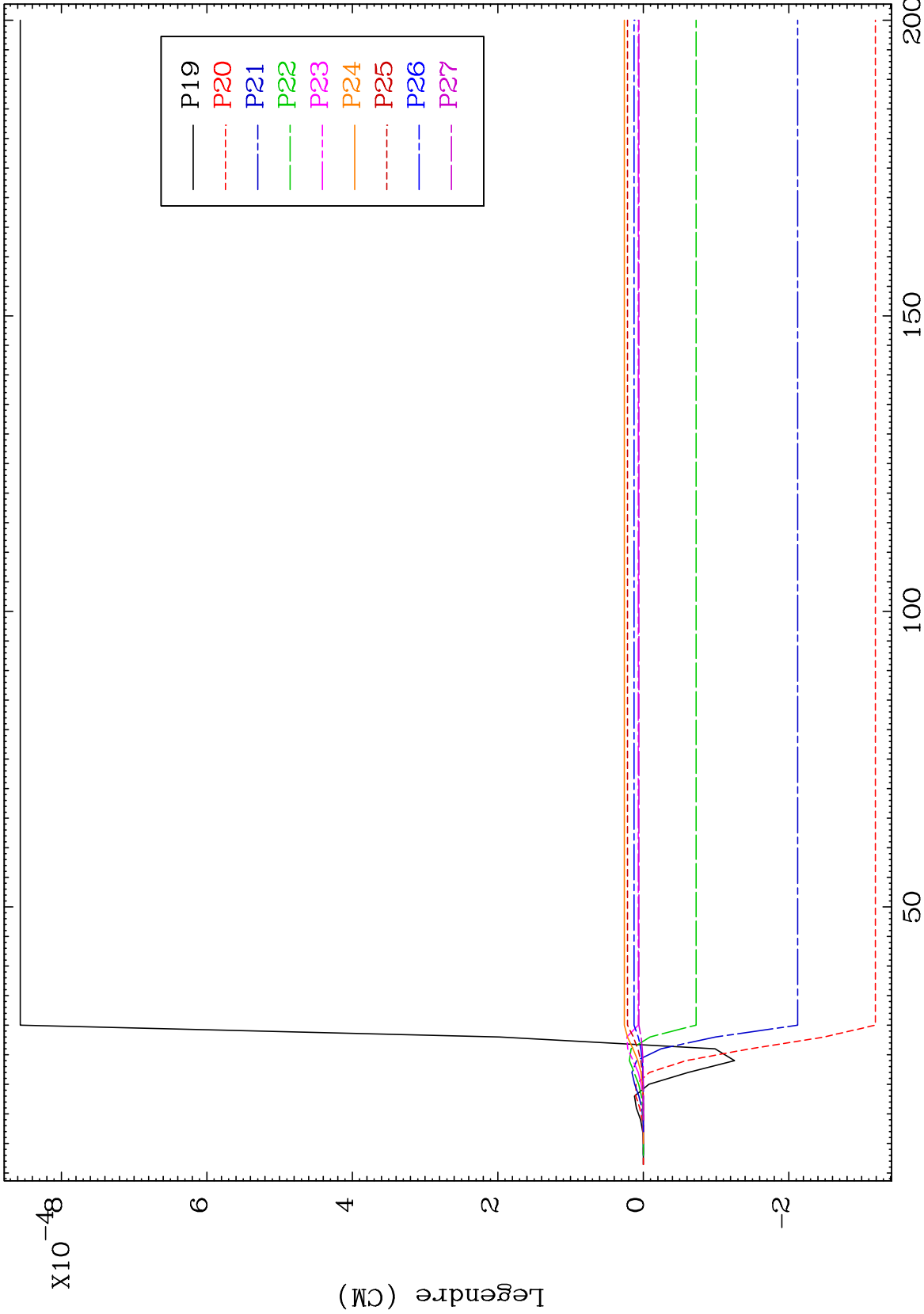
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



34

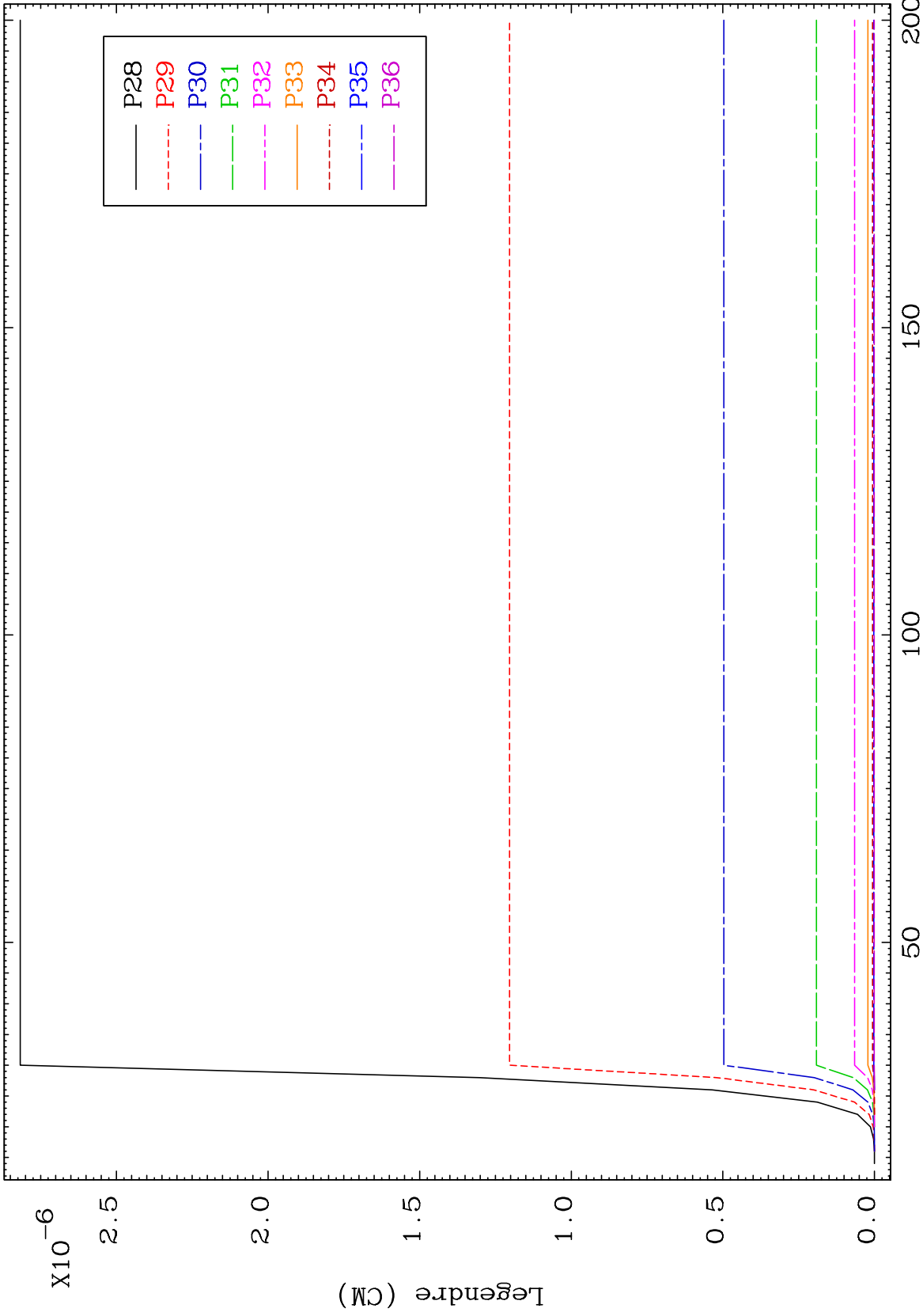
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177

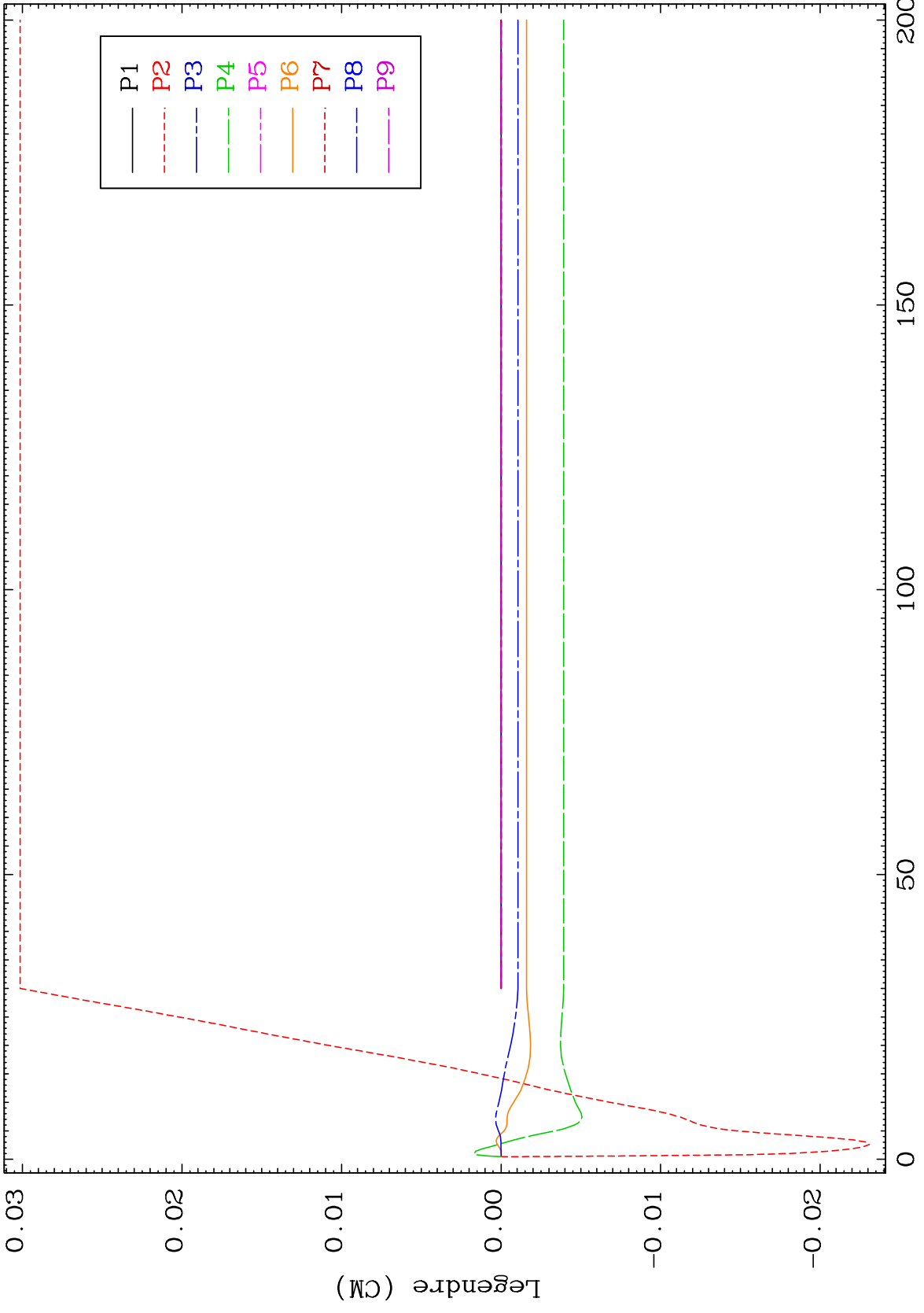


35

Incident Energy (MeV)

71-Lu-177

MAT 7131 MT= 55 (n,n') Level Legendre Coefficients 71-Lu-177

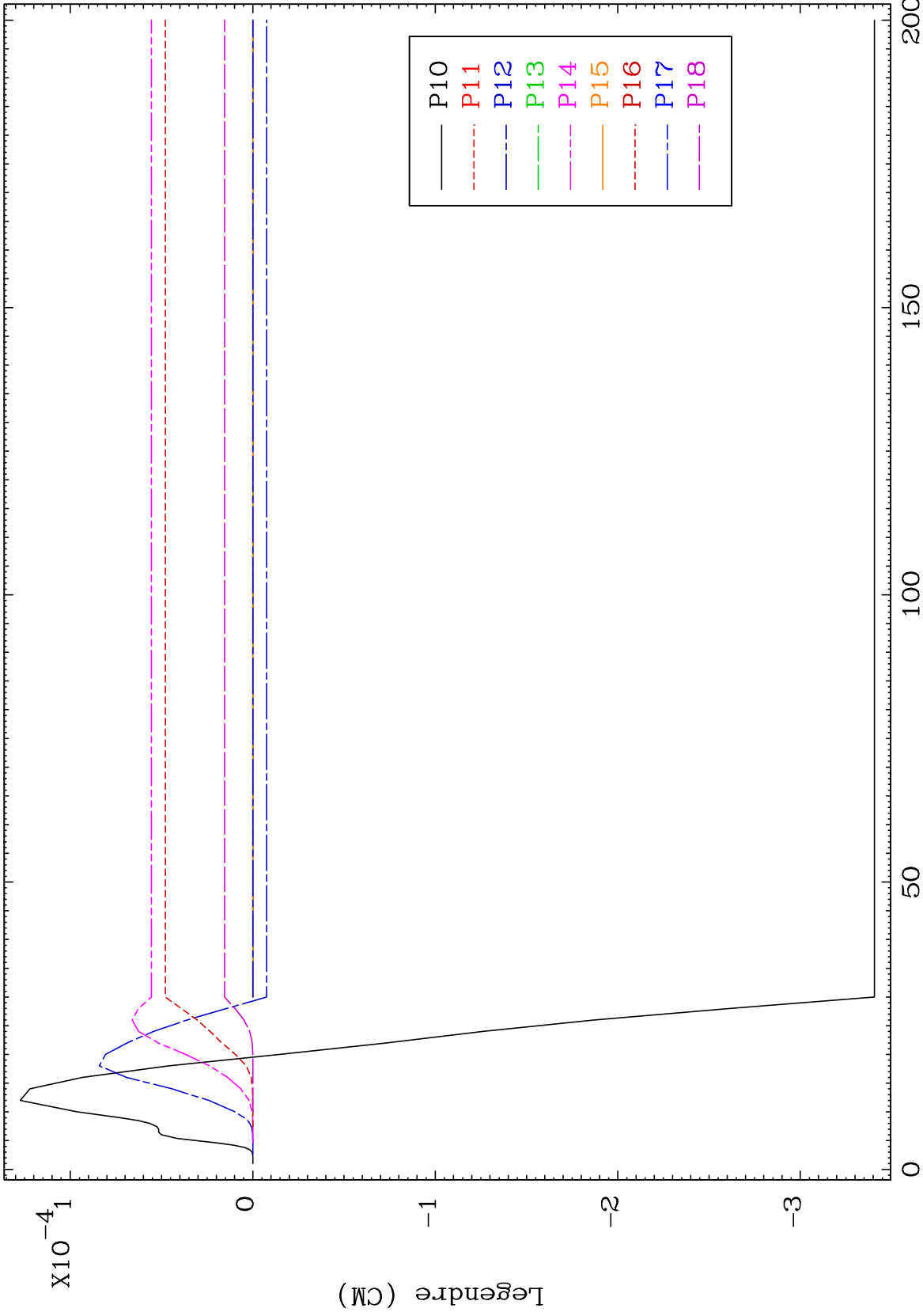


36 71-Lu-177

MAT 7131

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

71-Lu-177



37

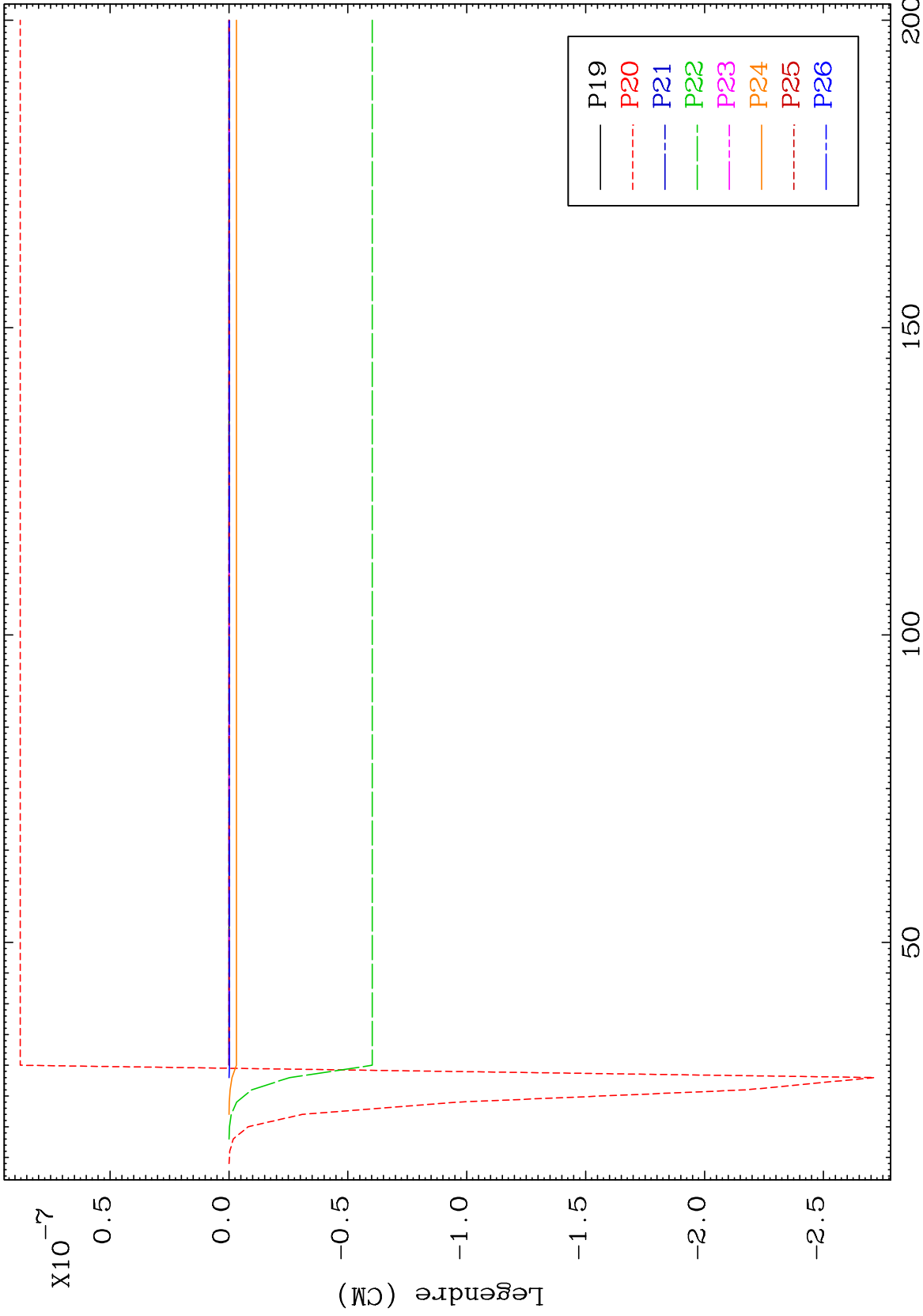
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



38

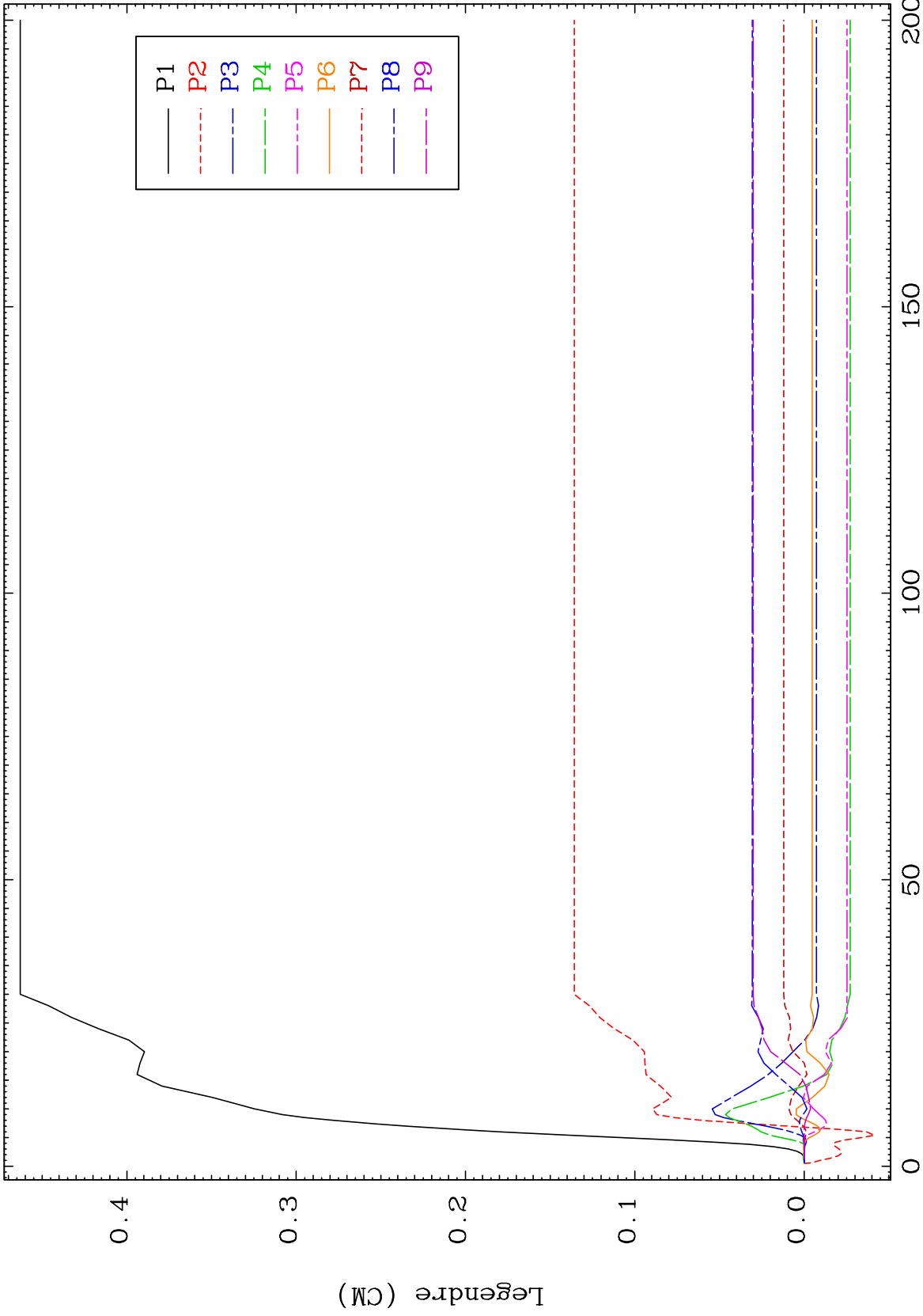
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



39

Incident Energy (MeV)

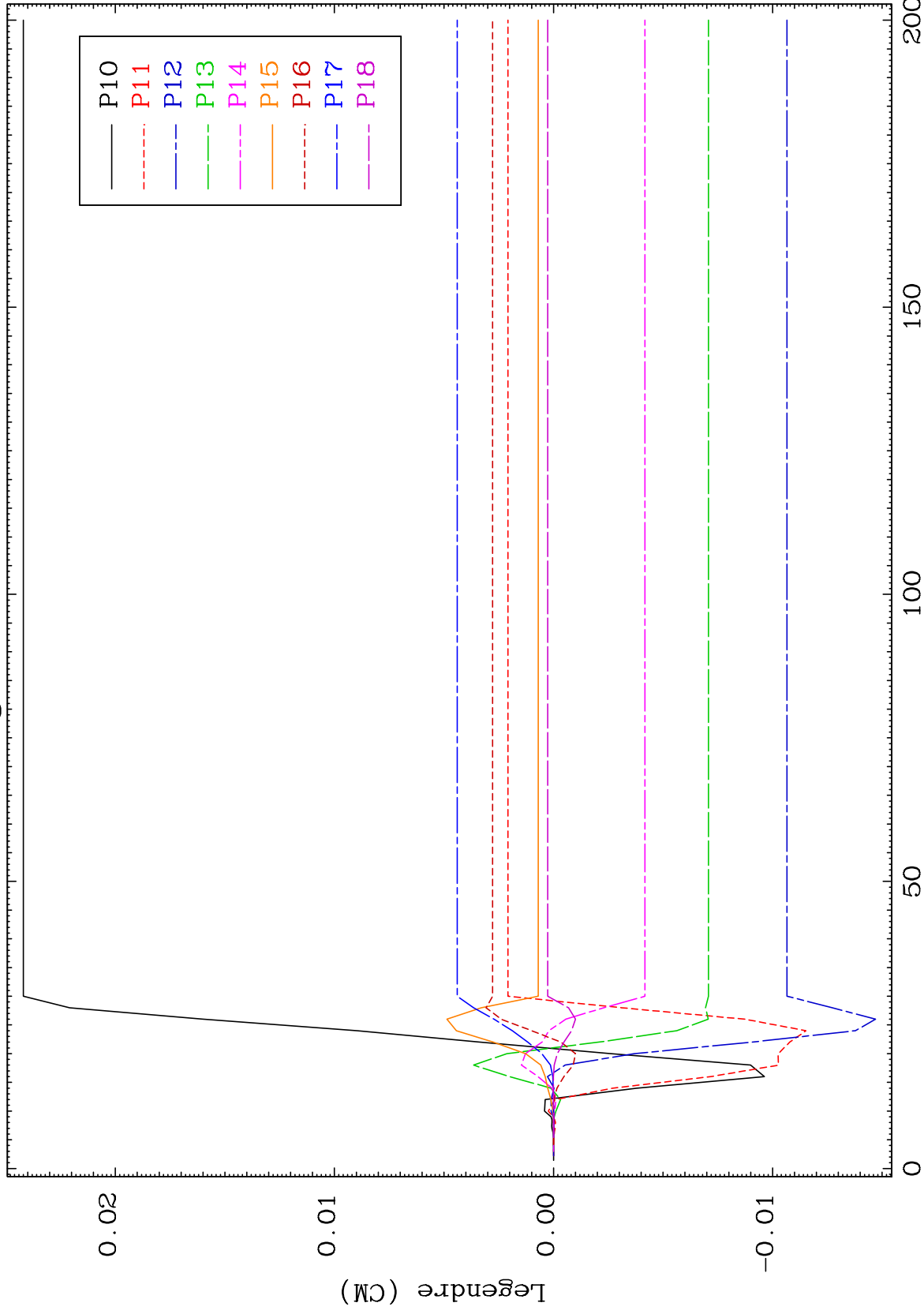
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MAT 7131

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

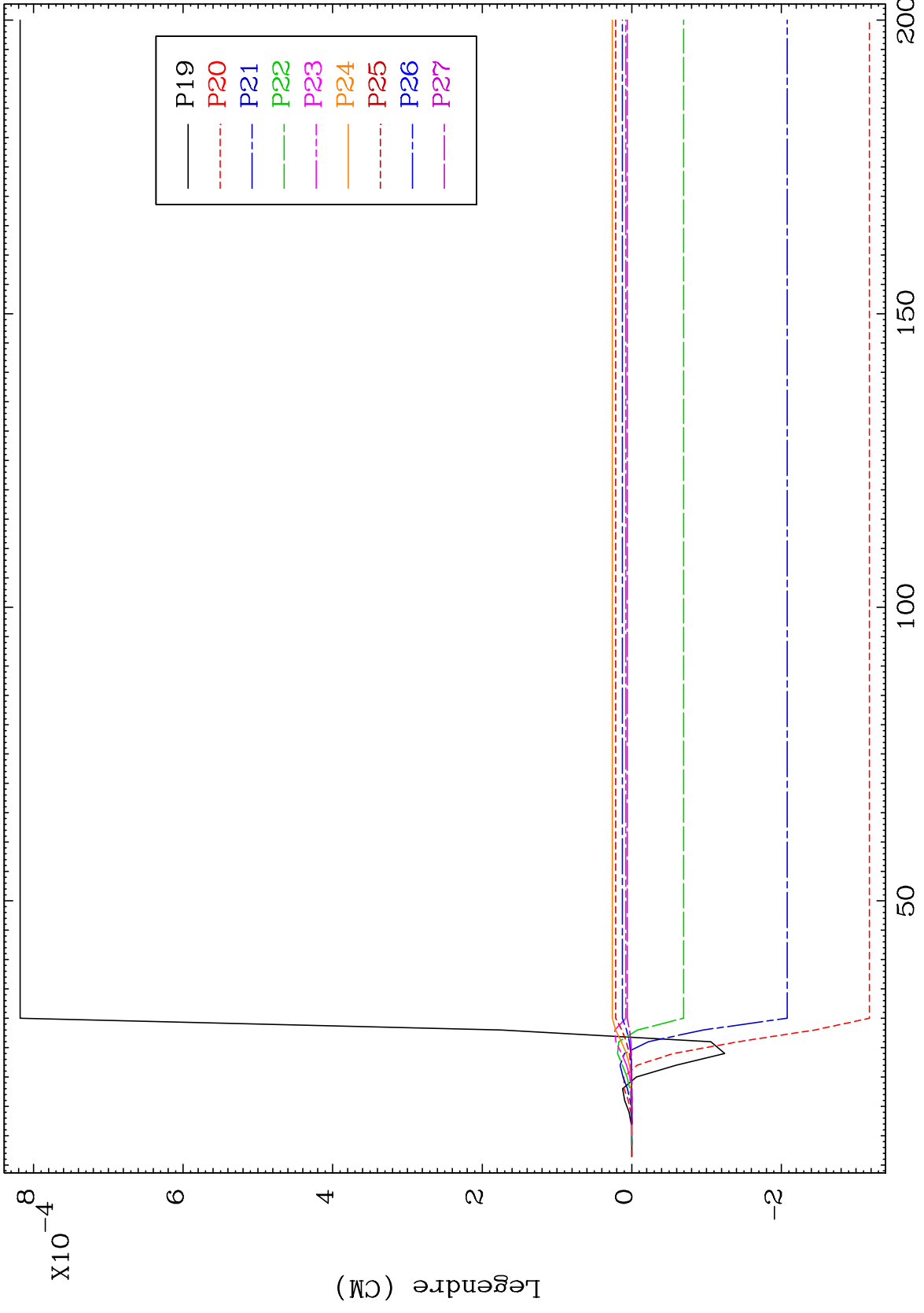
71-Lu-177



40

Incident Energy (MeV)

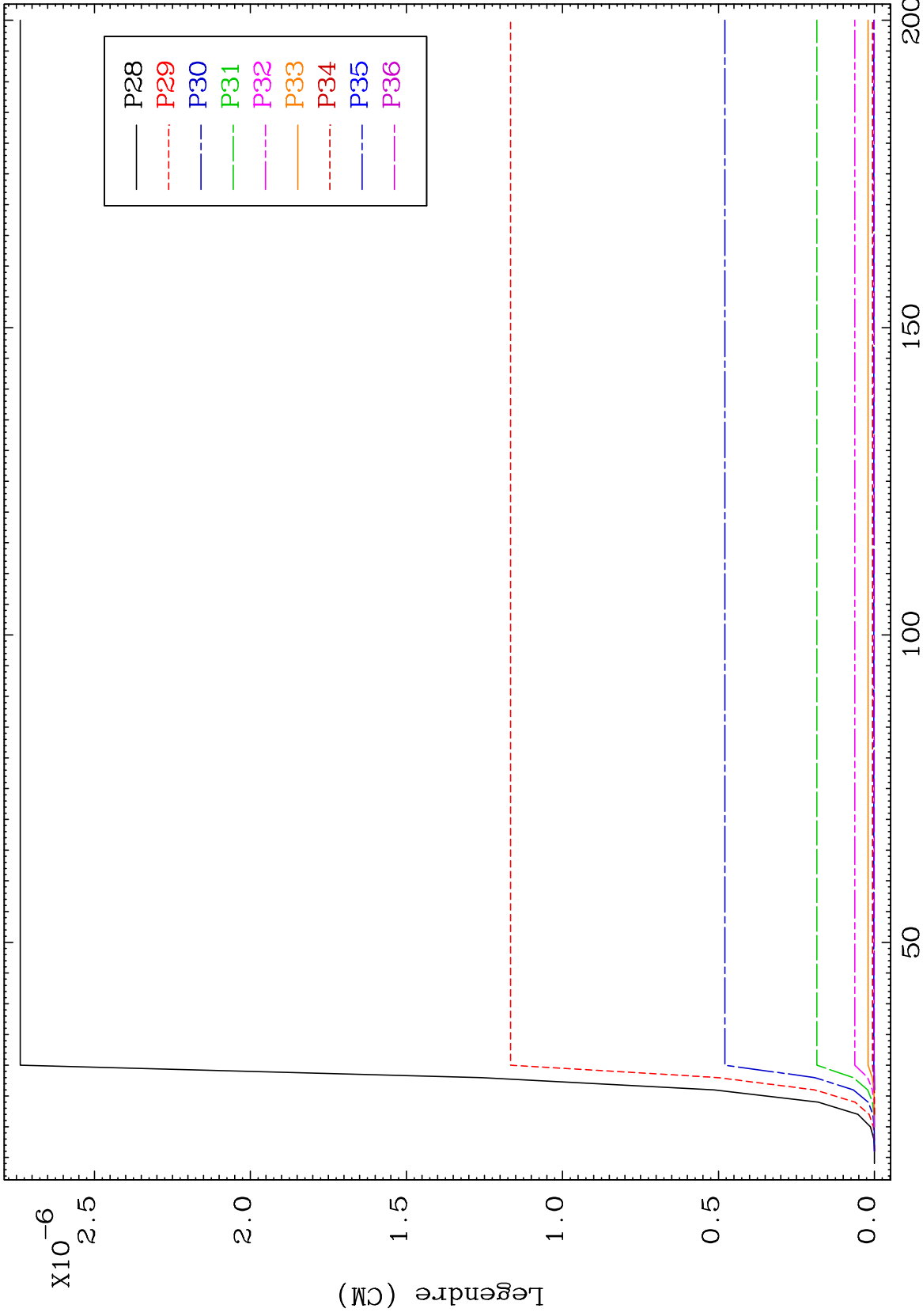
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MAT 7131

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

71-Lu-177



42

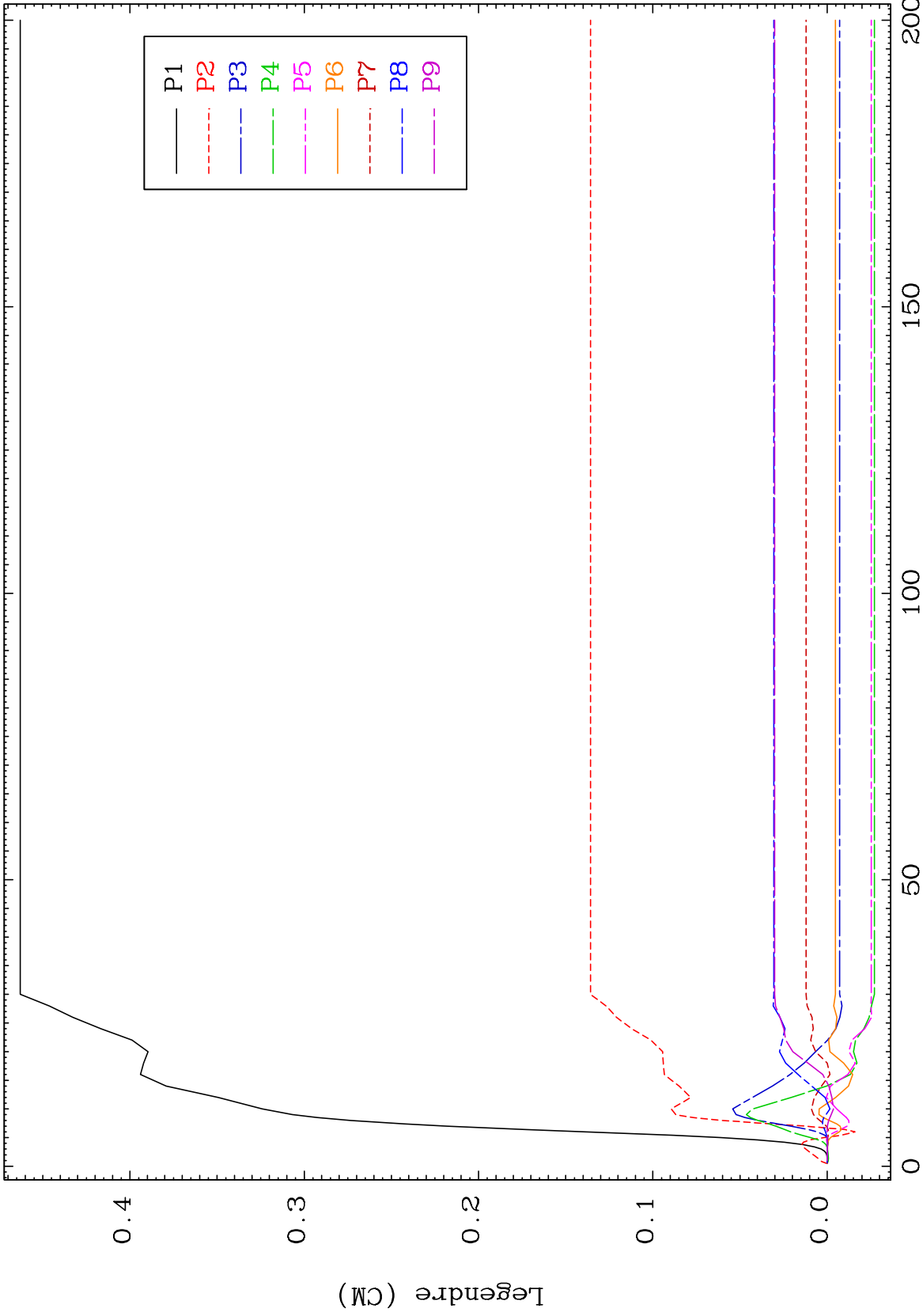
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



43

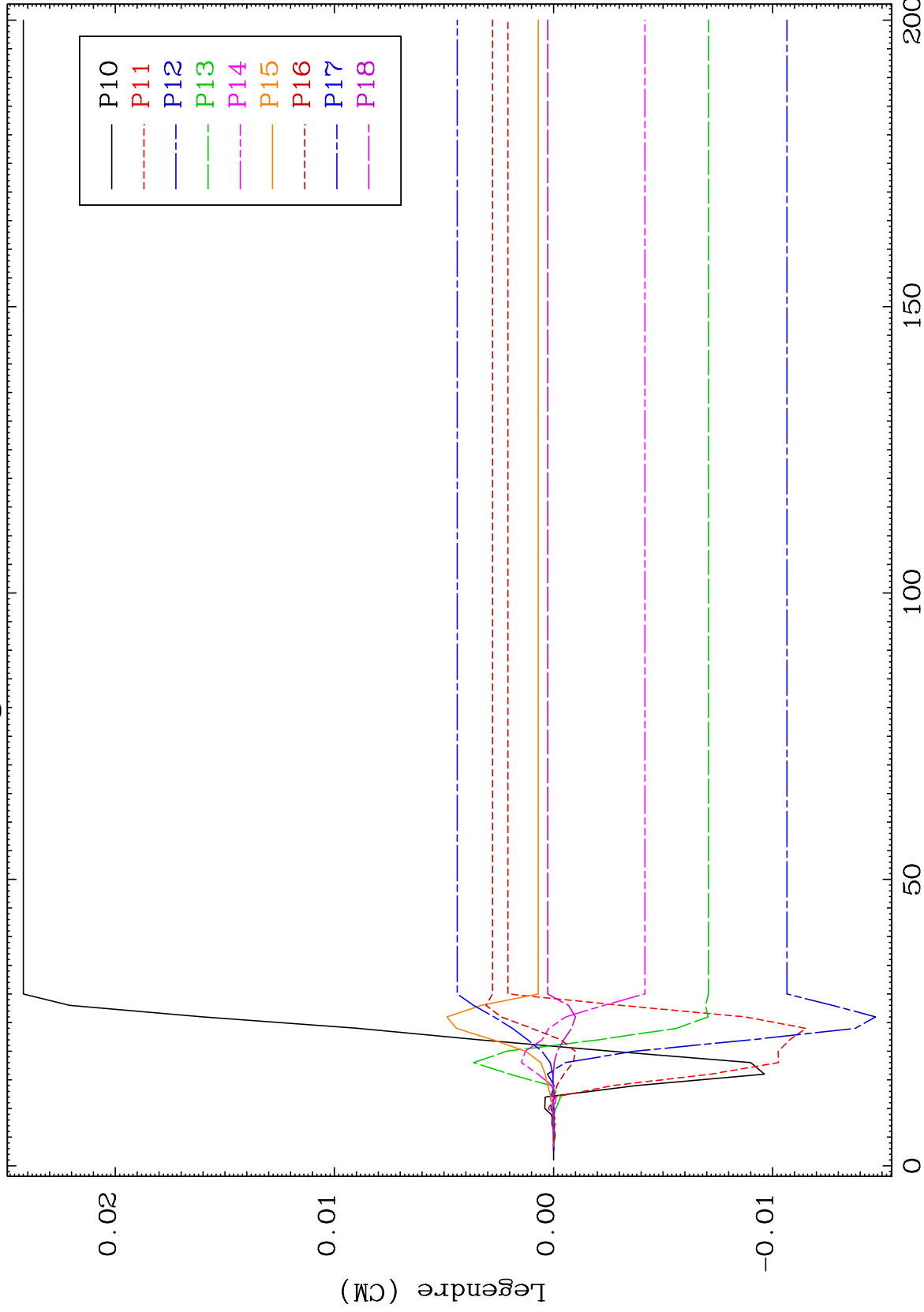
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



44

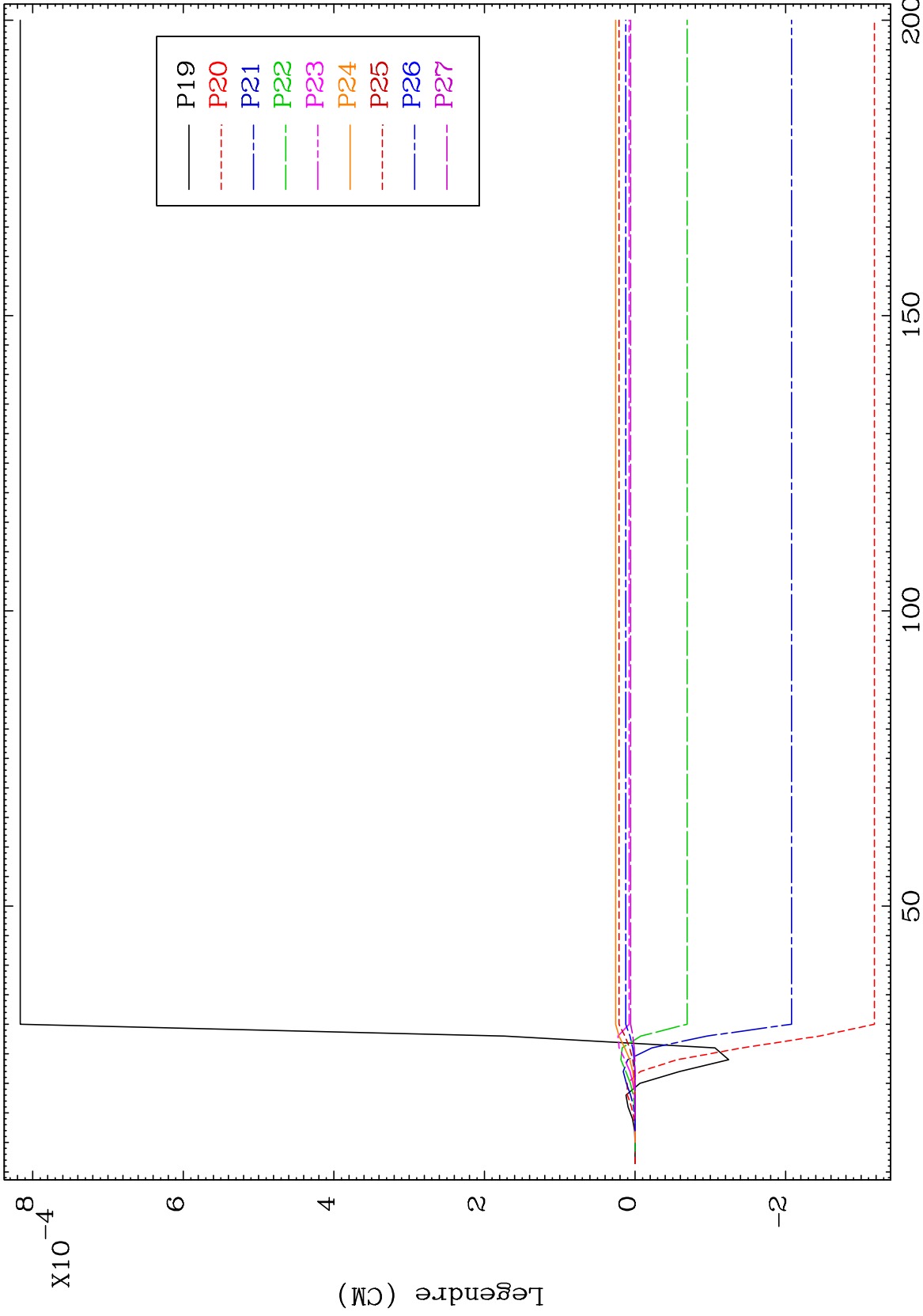
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



45

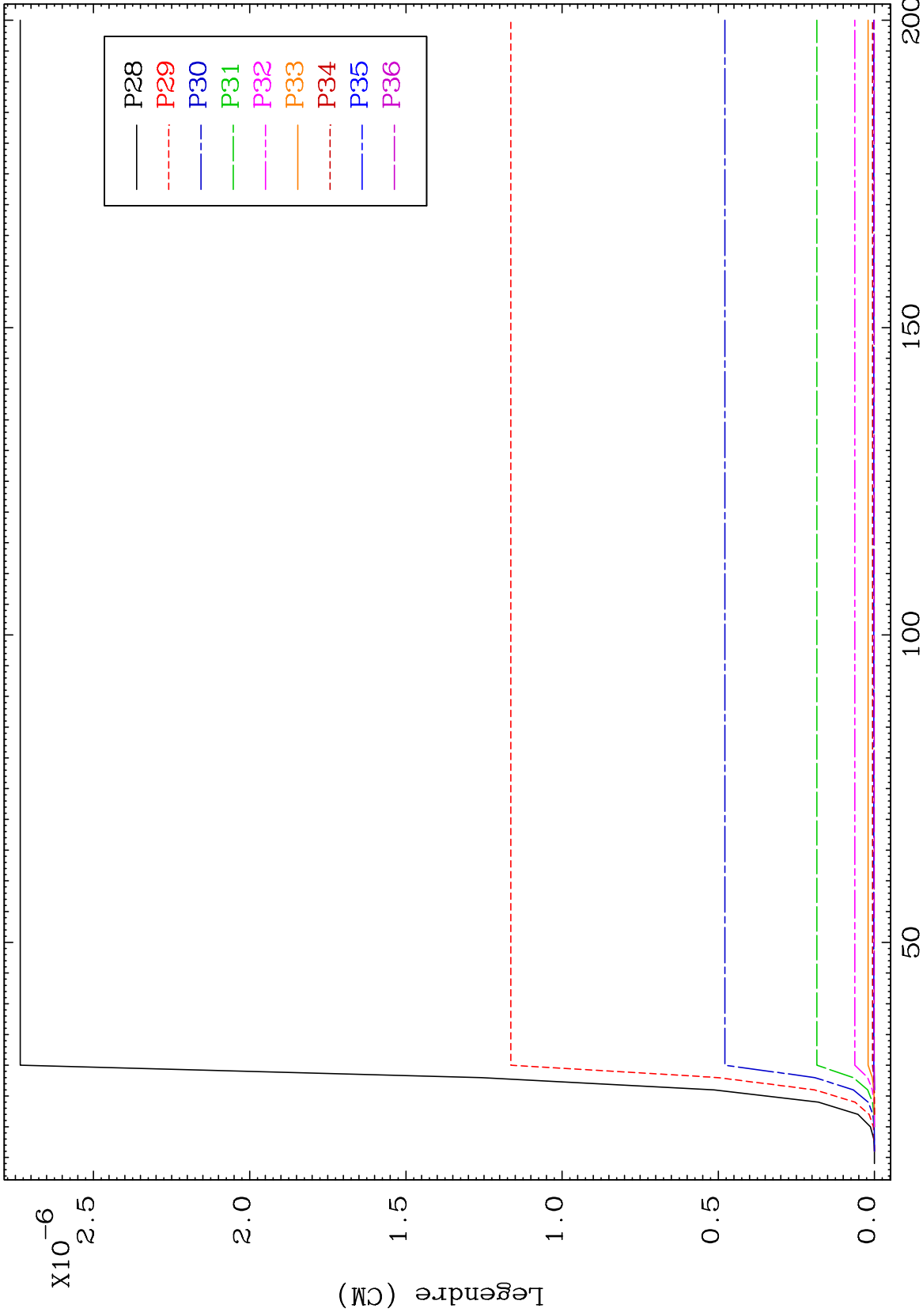
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



46

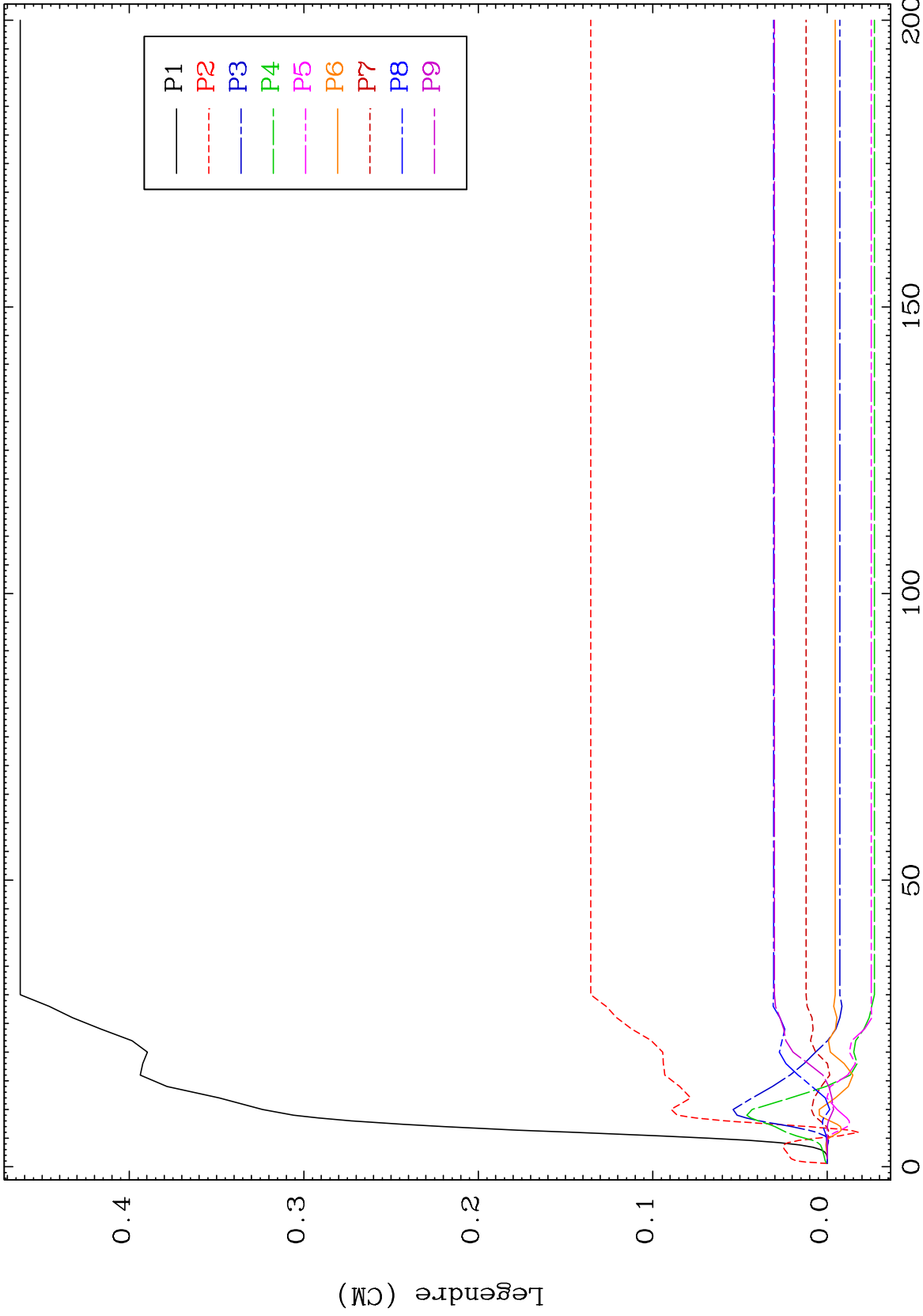
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



47

Incident Energy (MeV)

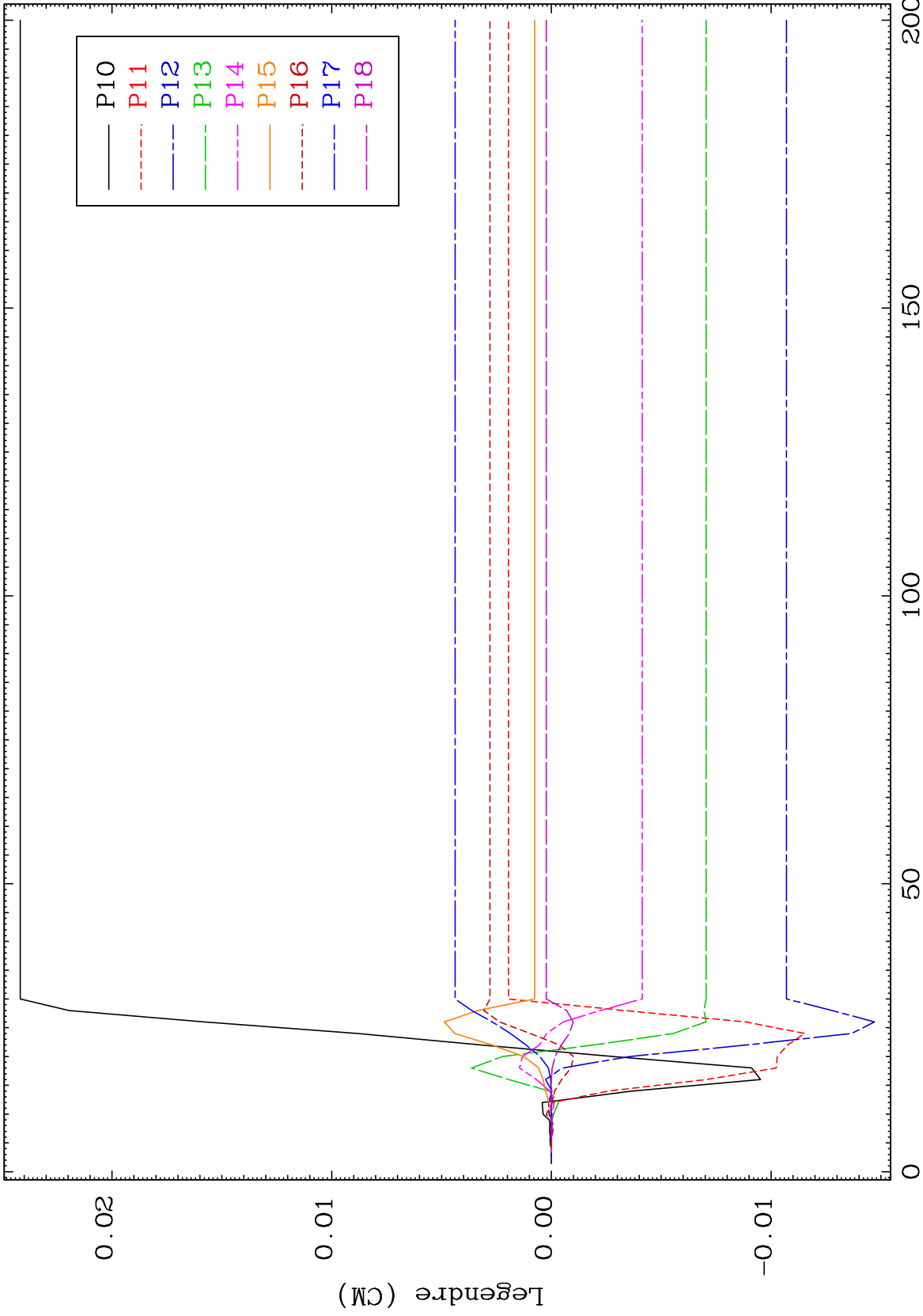
71-Lu-177



MAT 7131

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

71-Lu-177



48

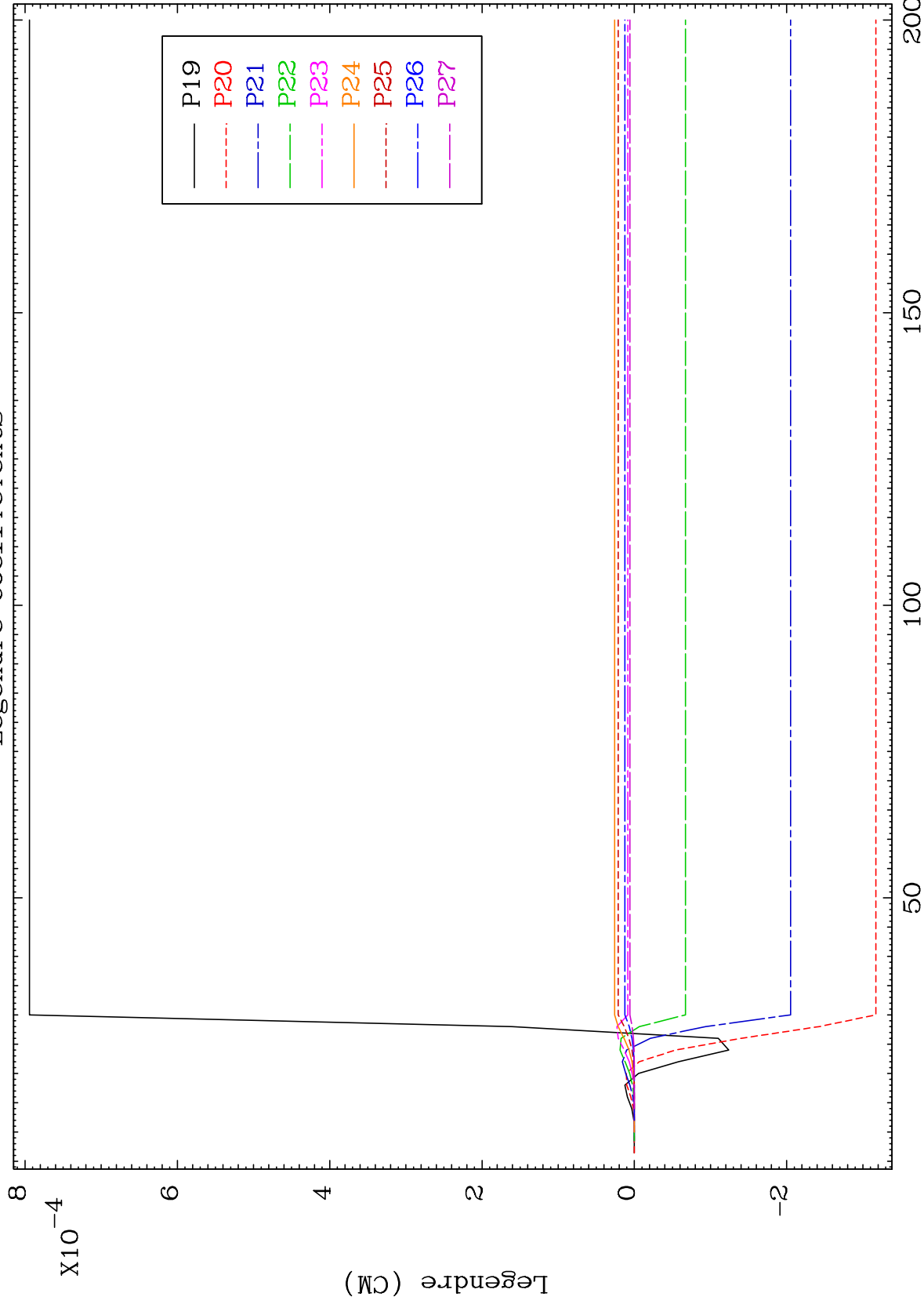
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



49

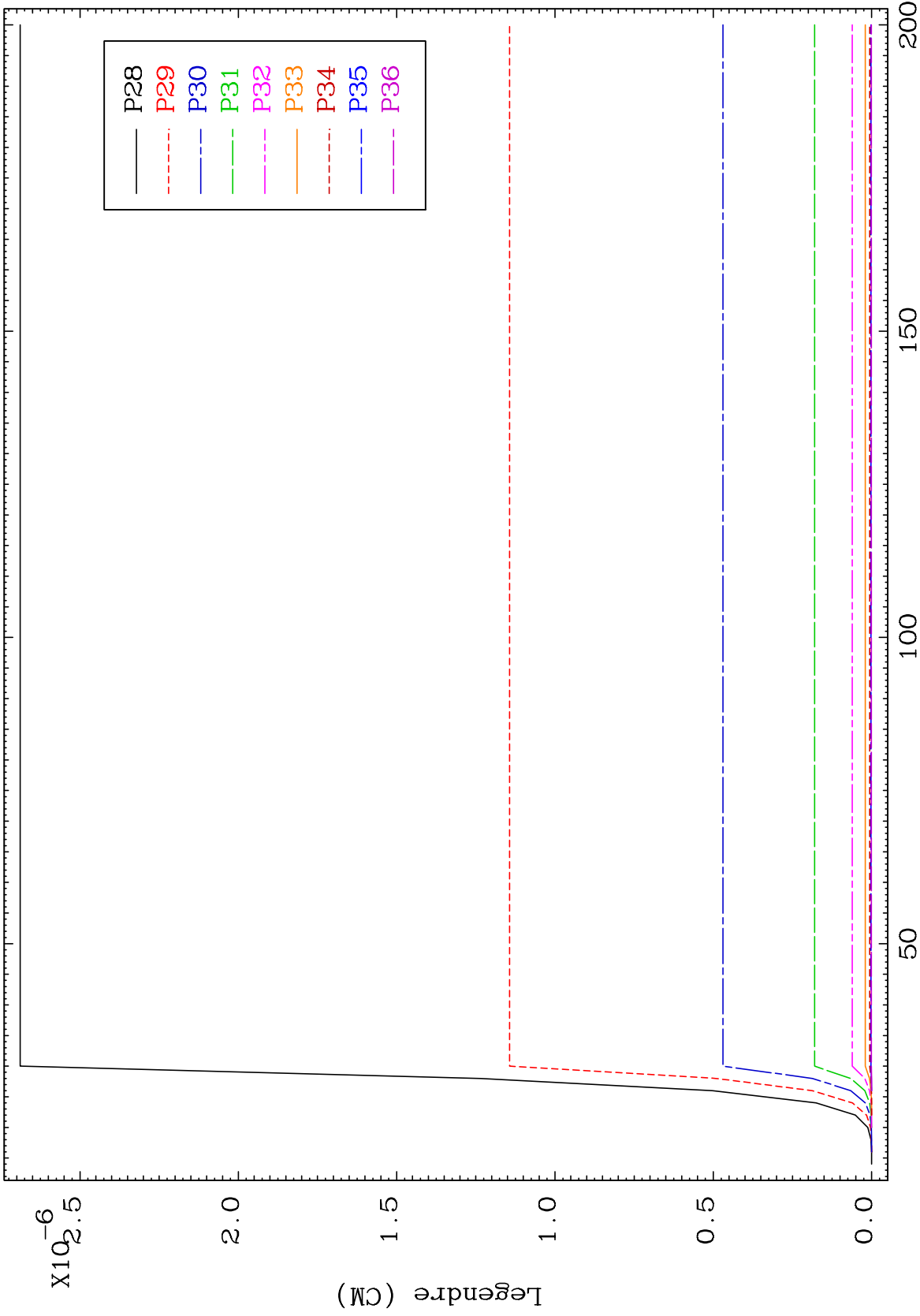
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177

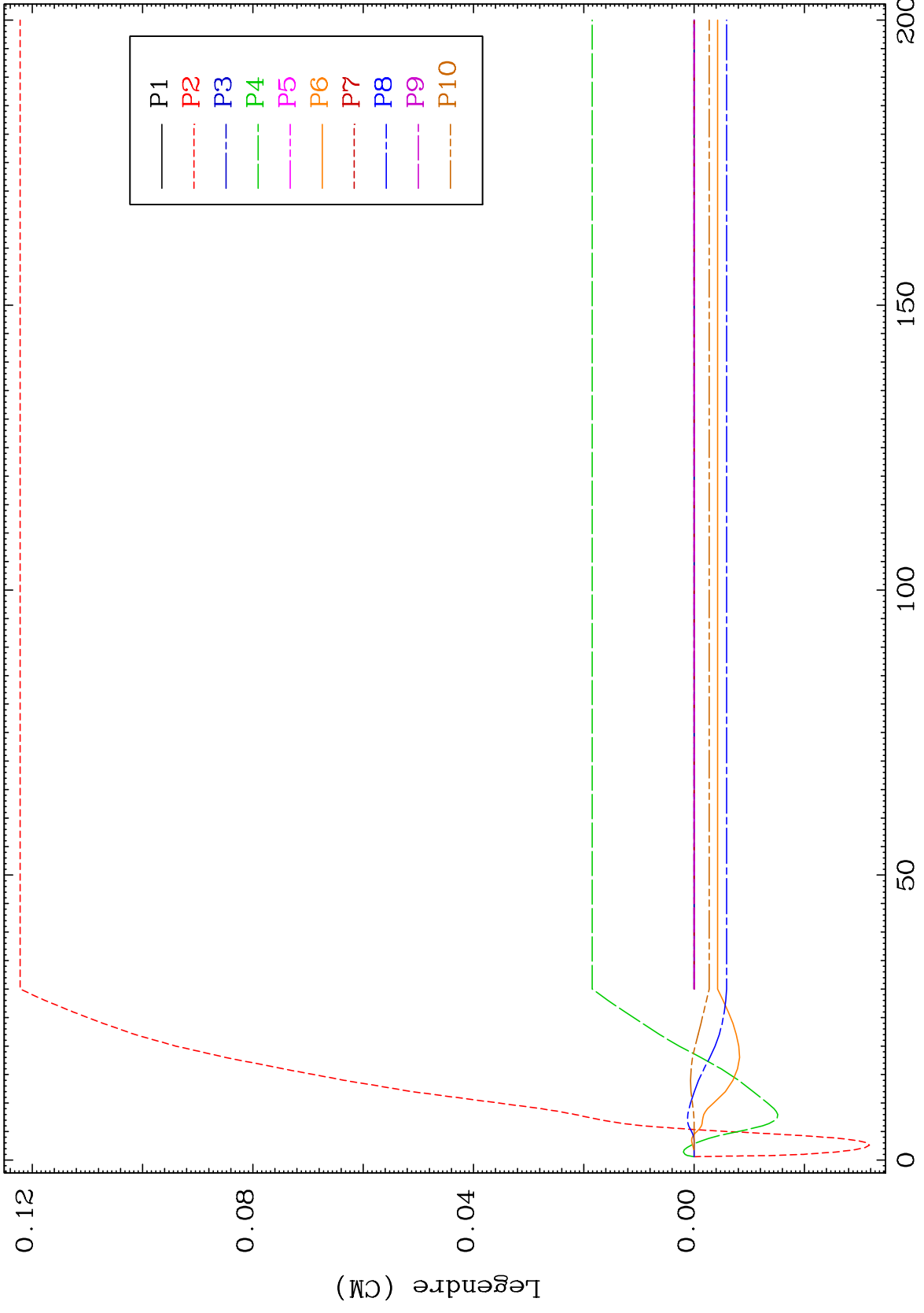


50

Incident Energy (MeV)

71-Lu-177

MAT 7131 MT= 59 (n,n') Level Legendre Coefficients 71-Lu-177

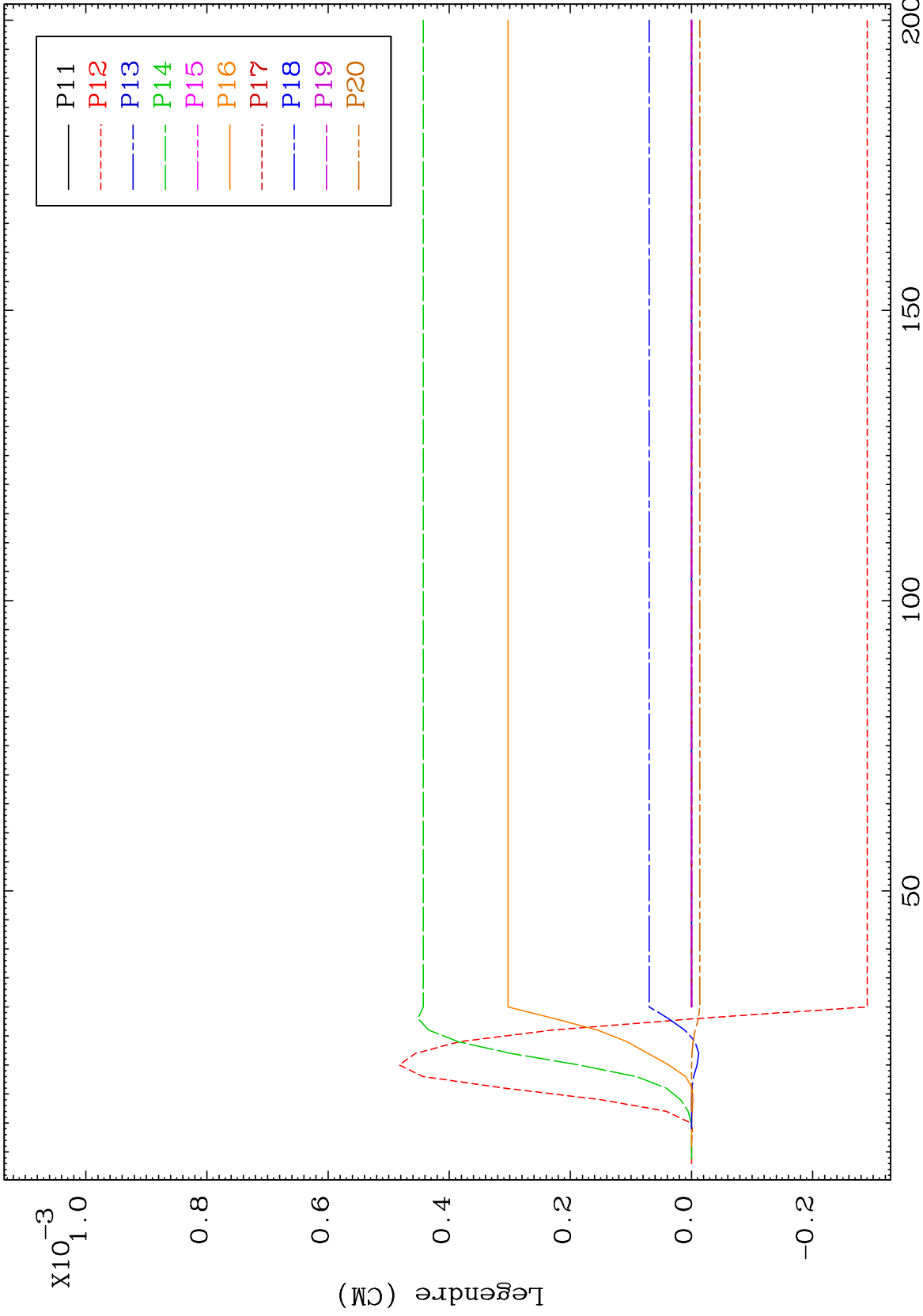


51 71-Lu-177

MAT 7131

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

71-Lu-177



52

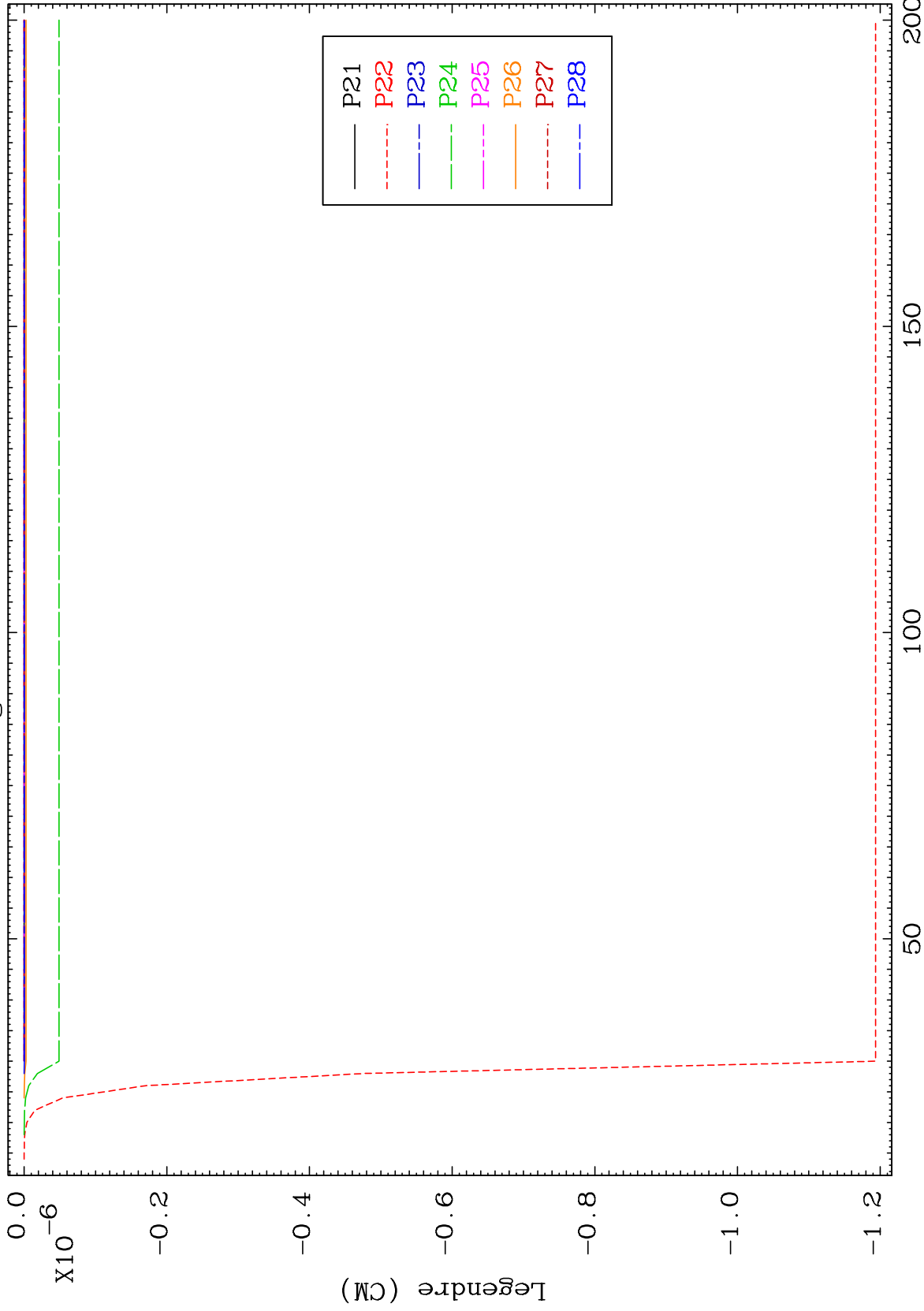
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



53

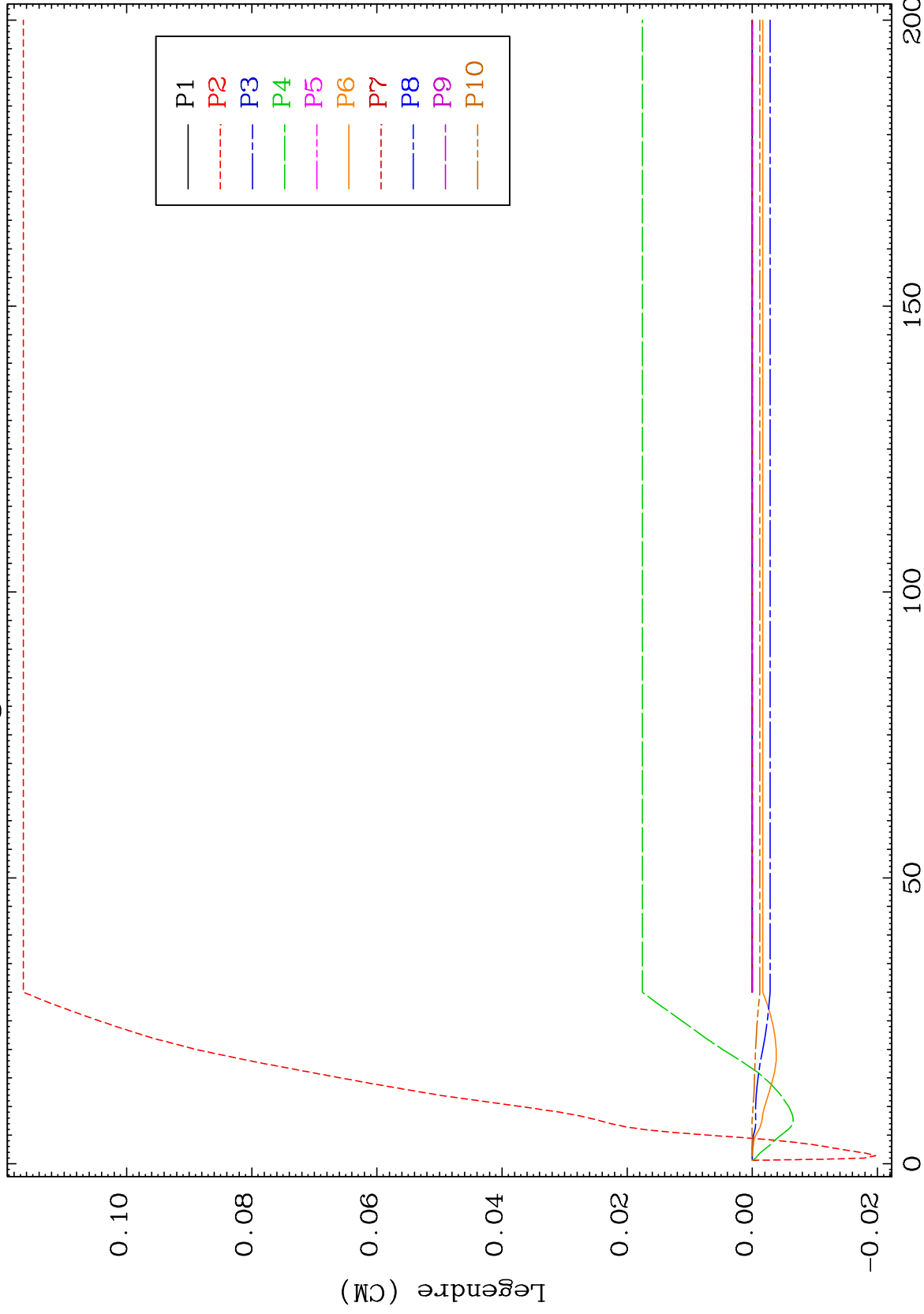
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



54

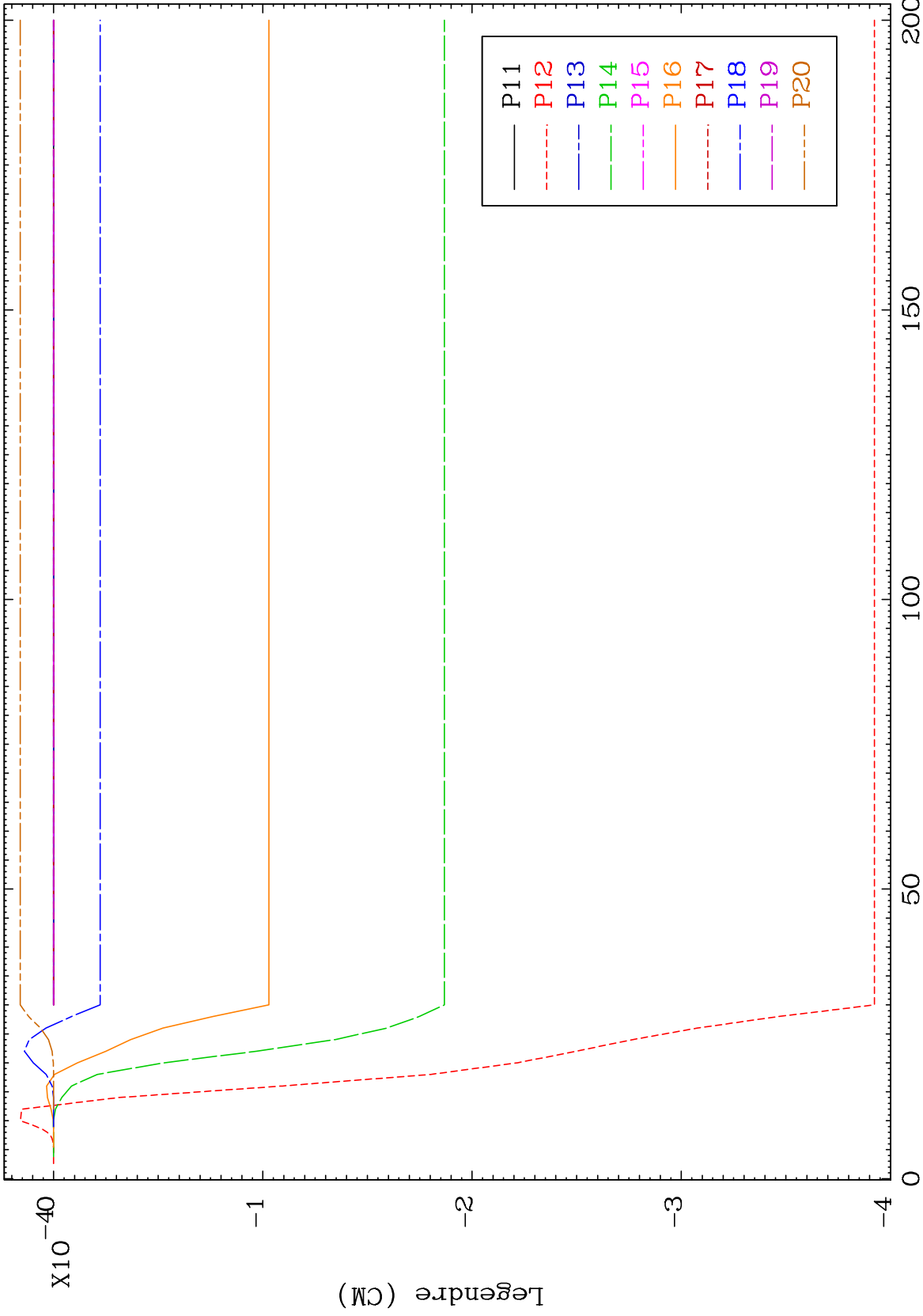
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

Incident Energy (MeV)

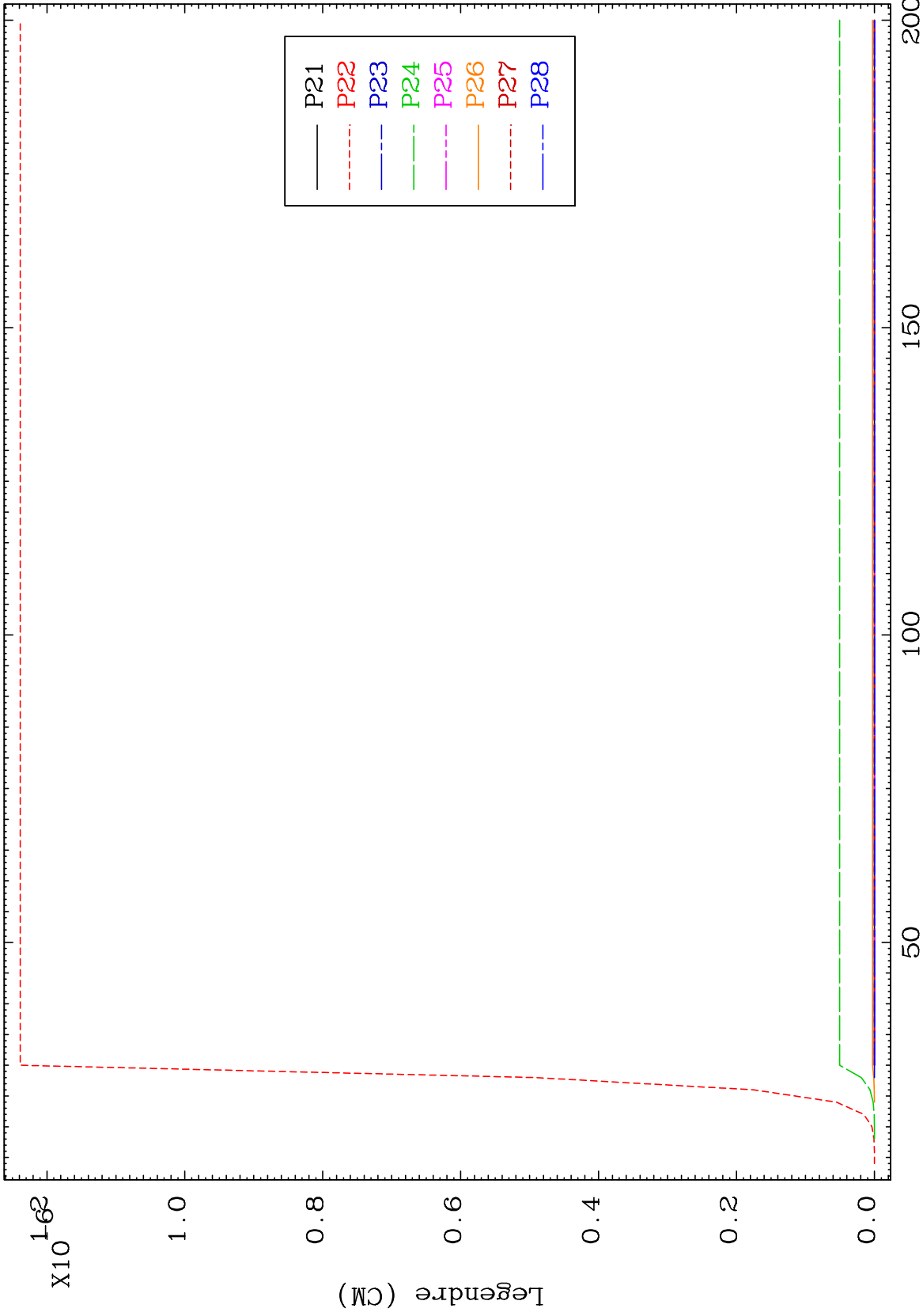
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MAT 7131

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

71-Lu-177



56

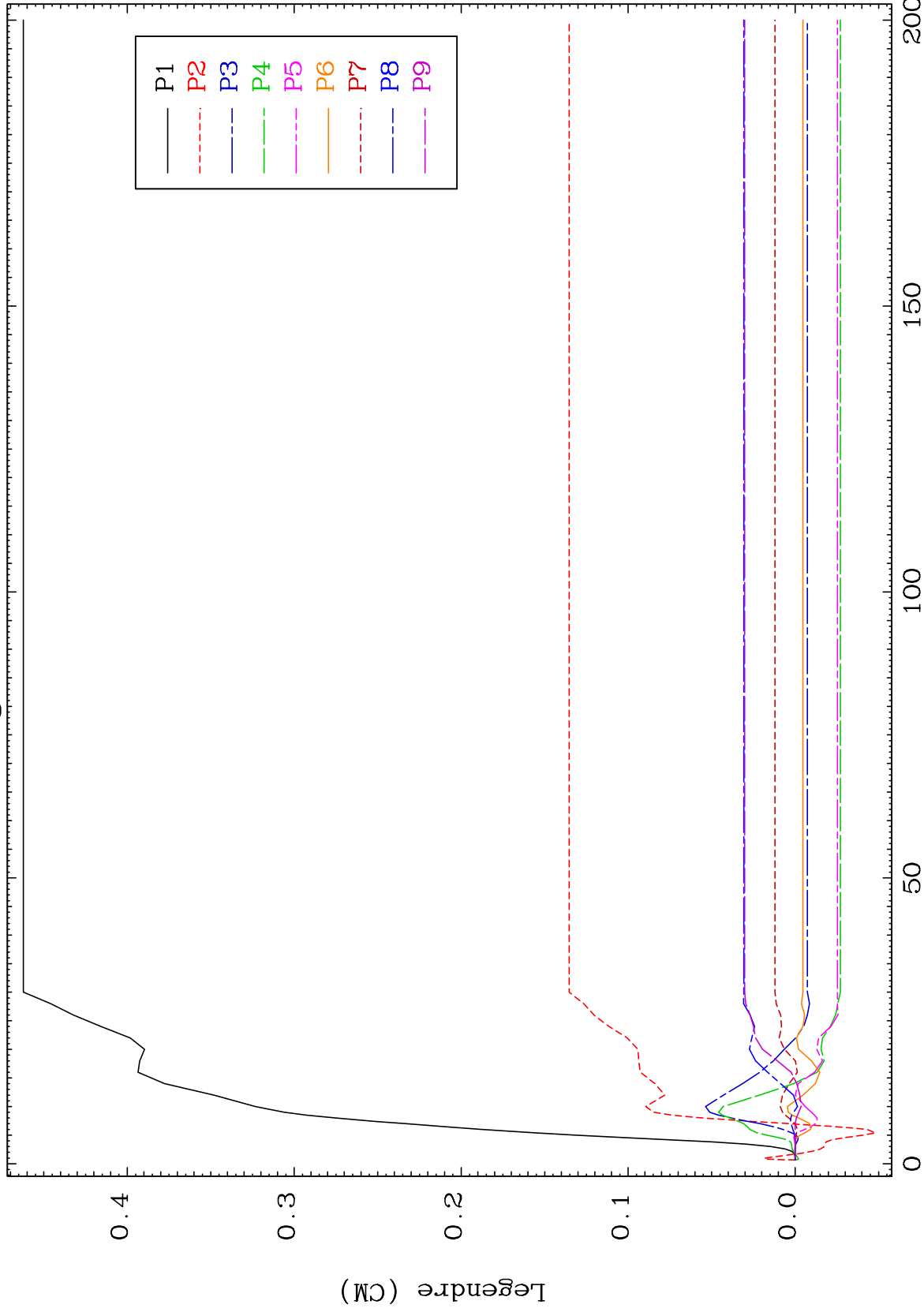
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



57

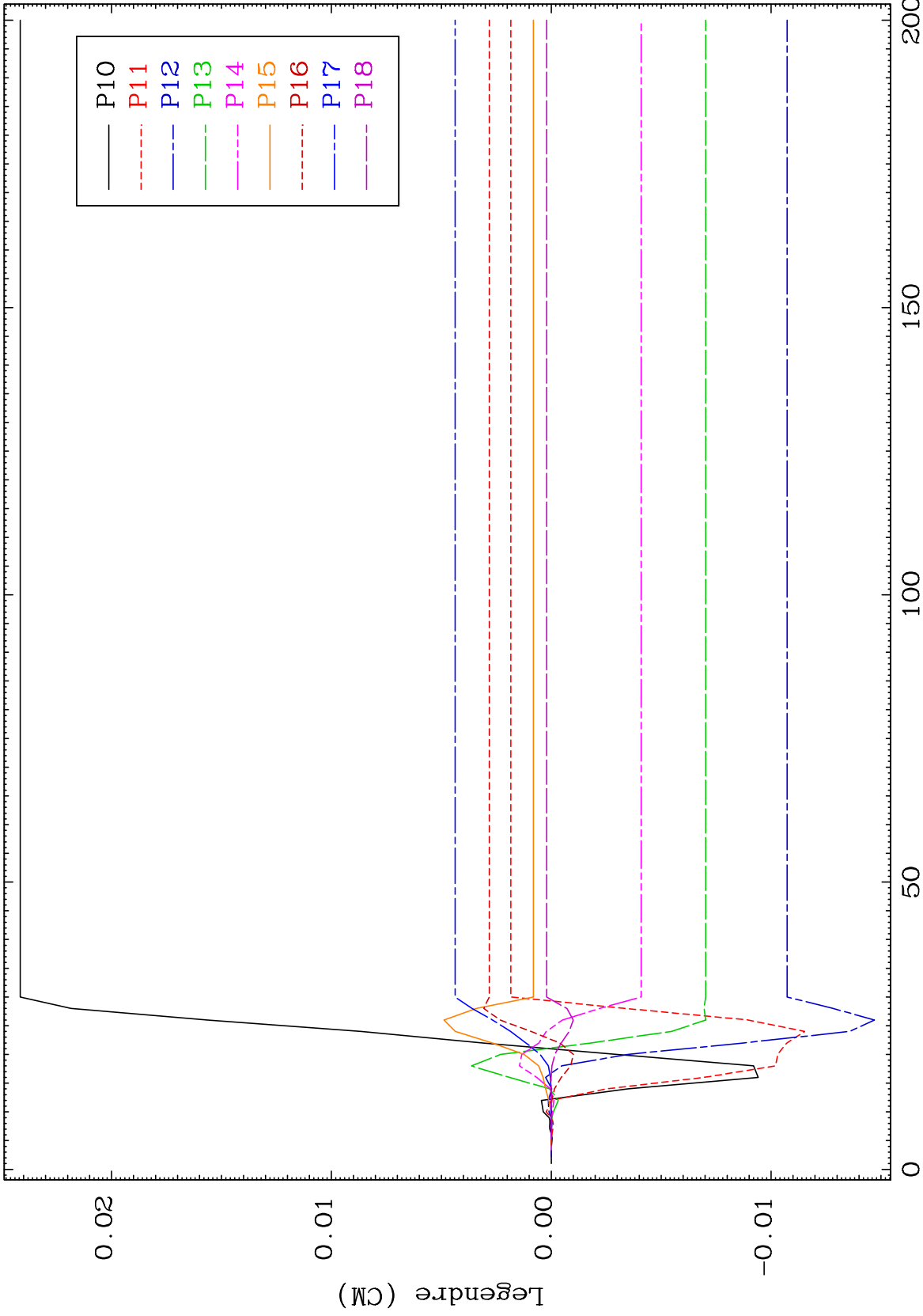
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



58

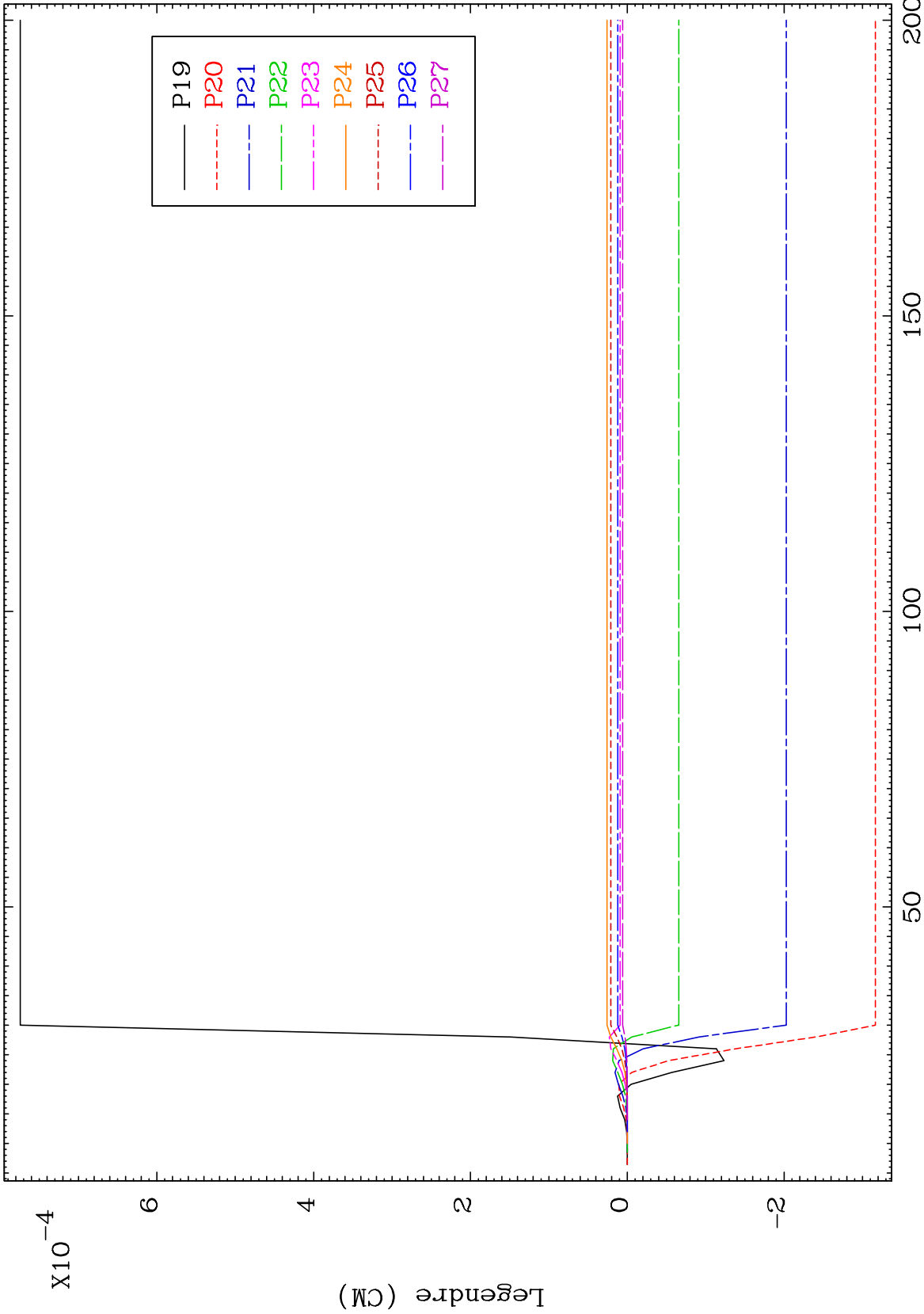
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



59

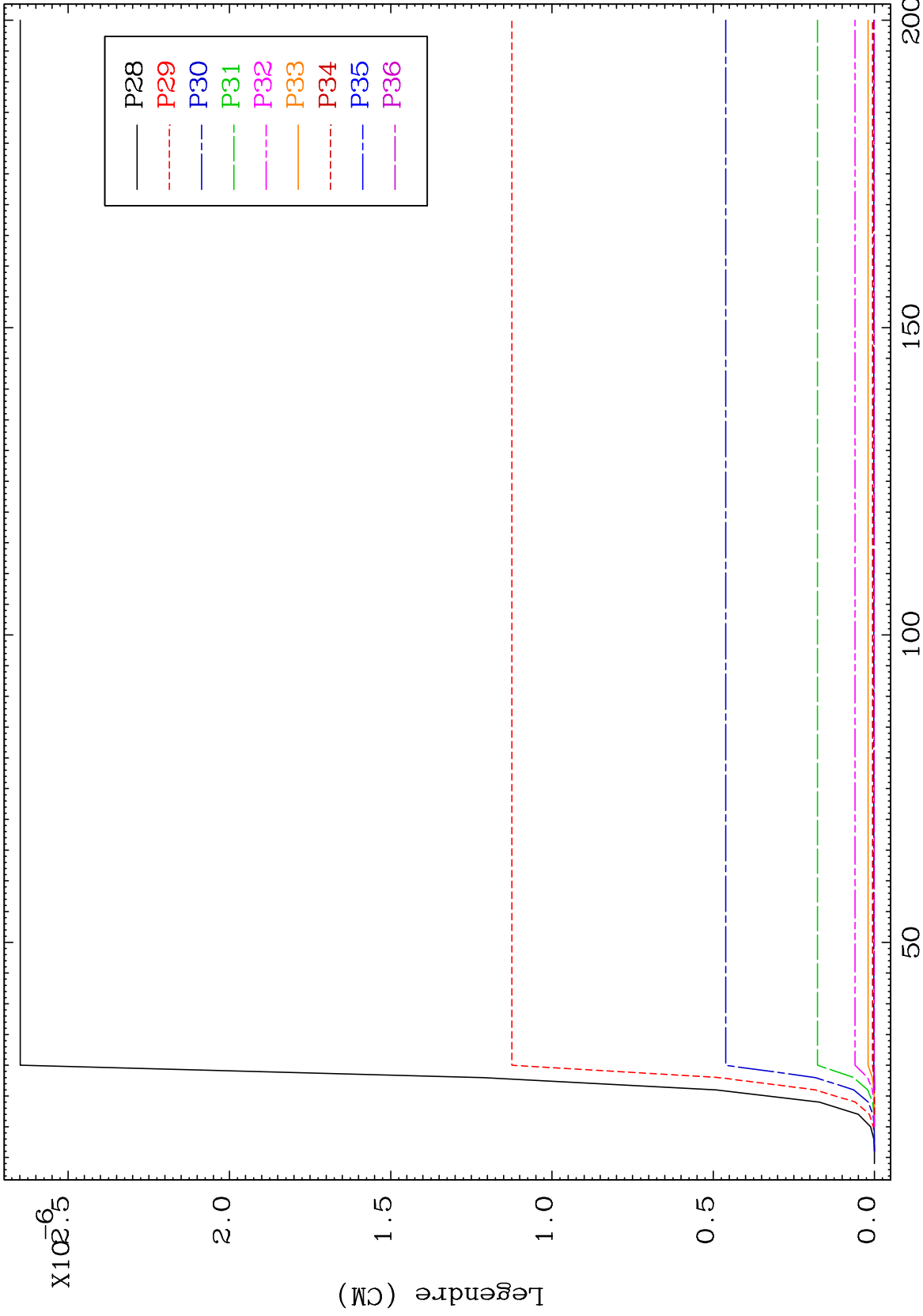
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



60

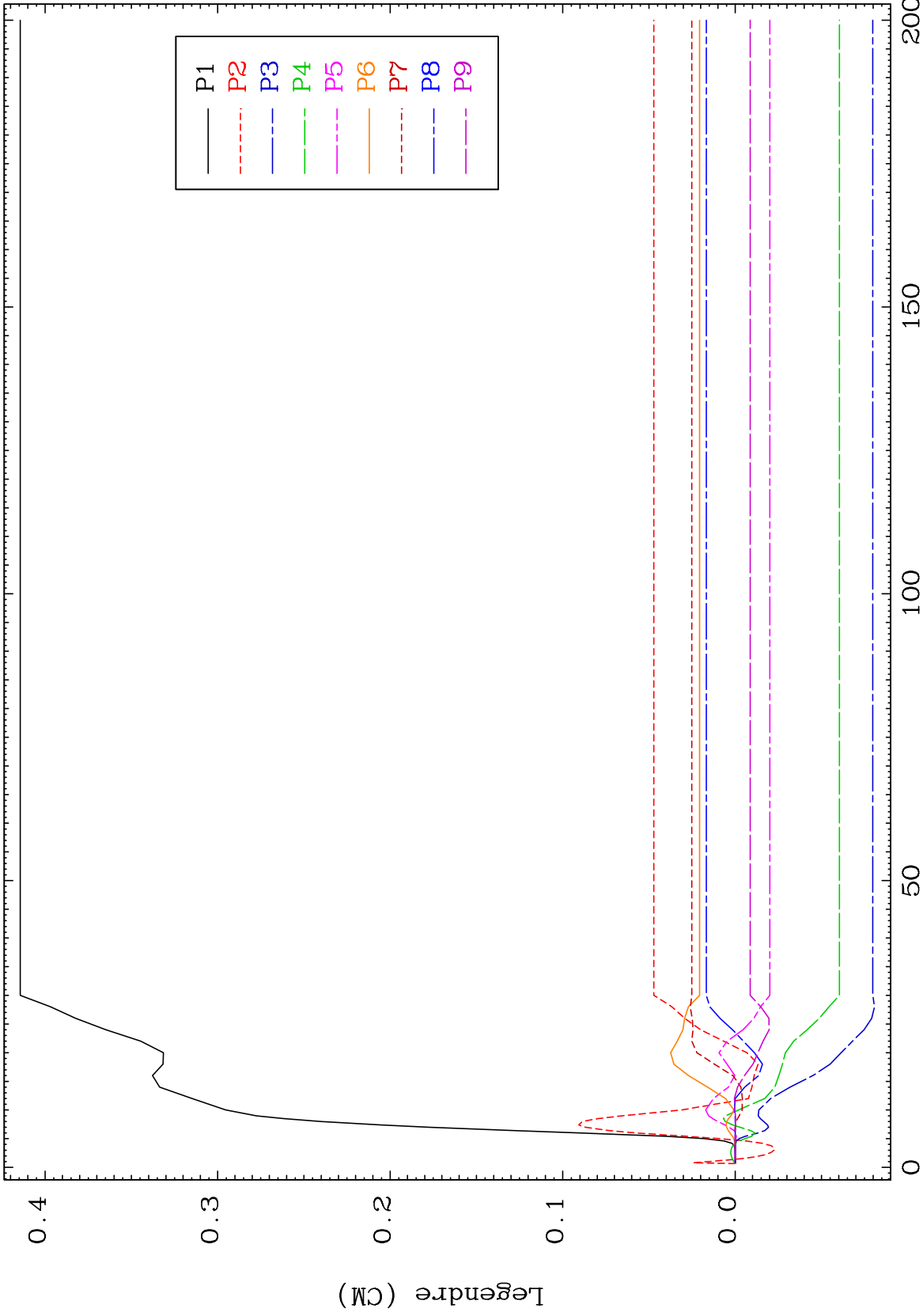
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



61

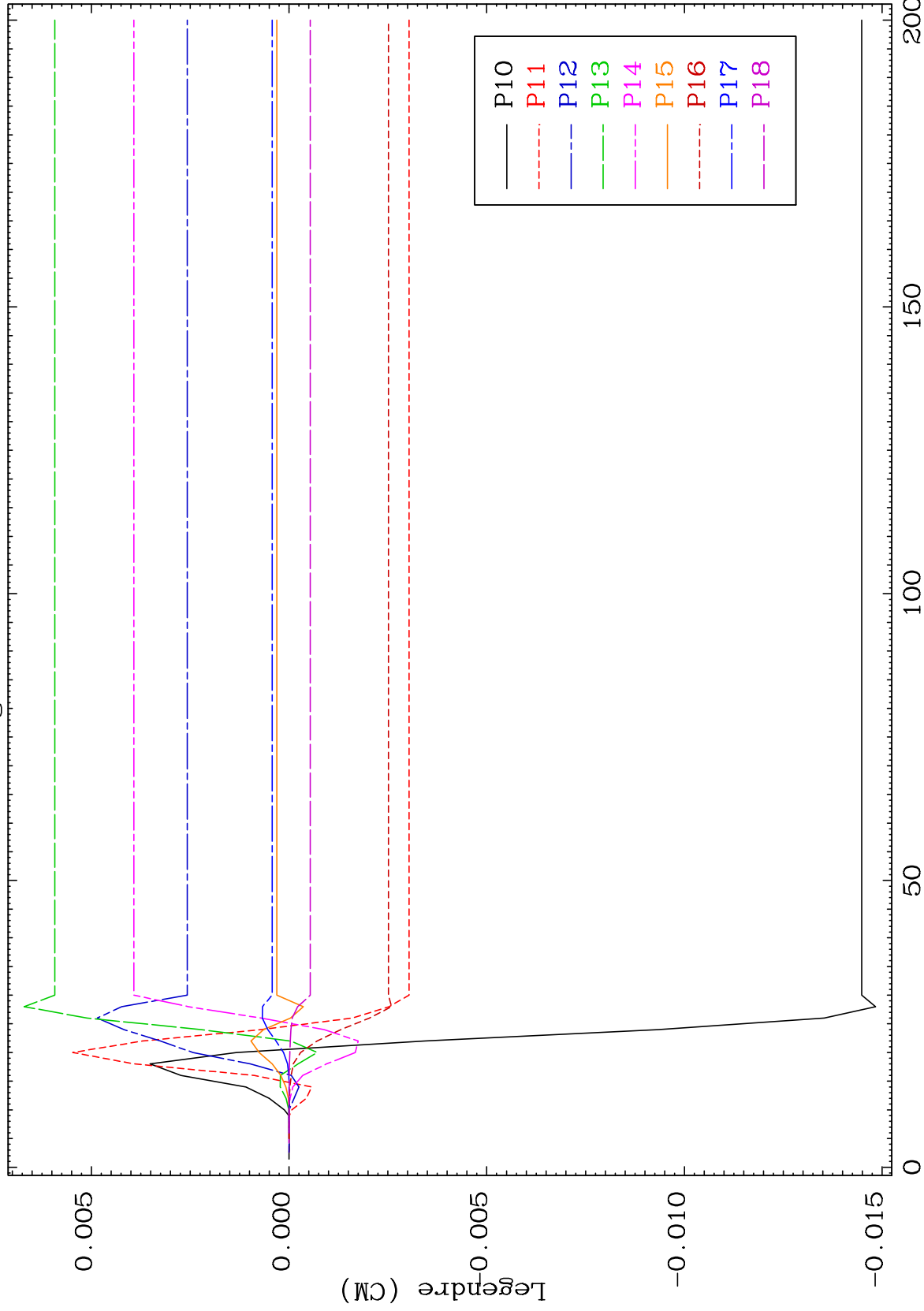
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



62

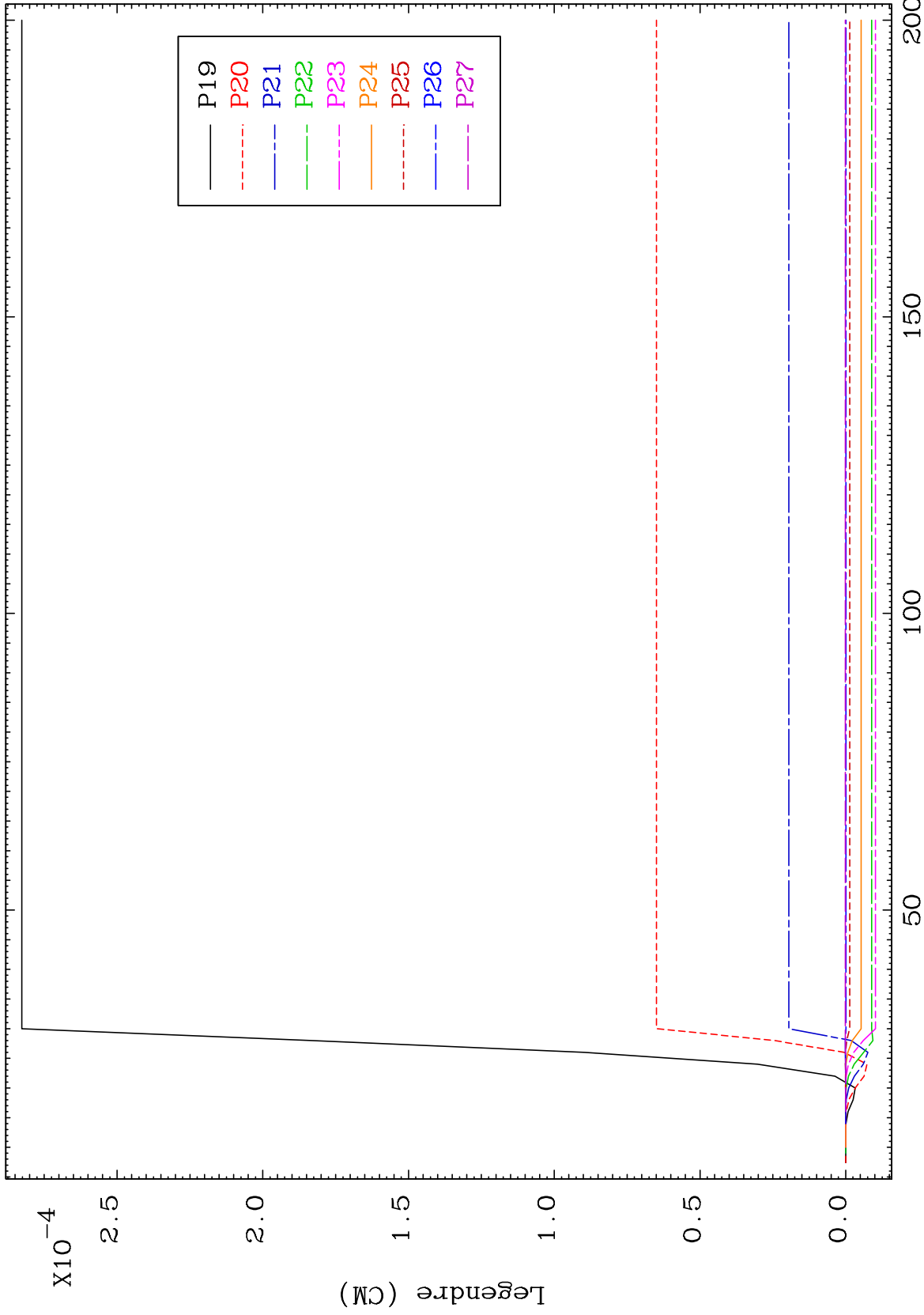
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



63

Incident Energy (MeV)

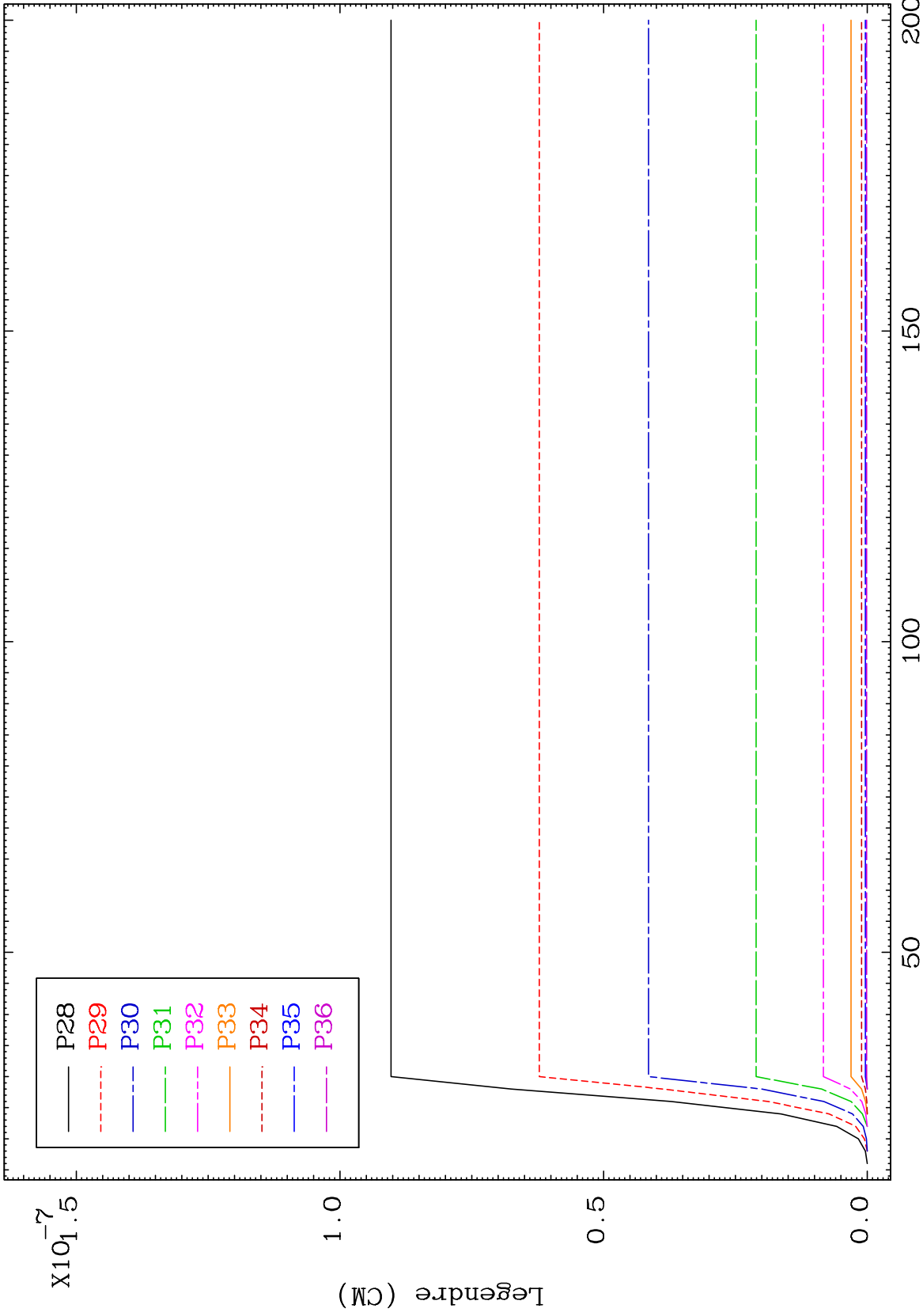
71-Lu-177



MAT 7131

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

71-Lu-177



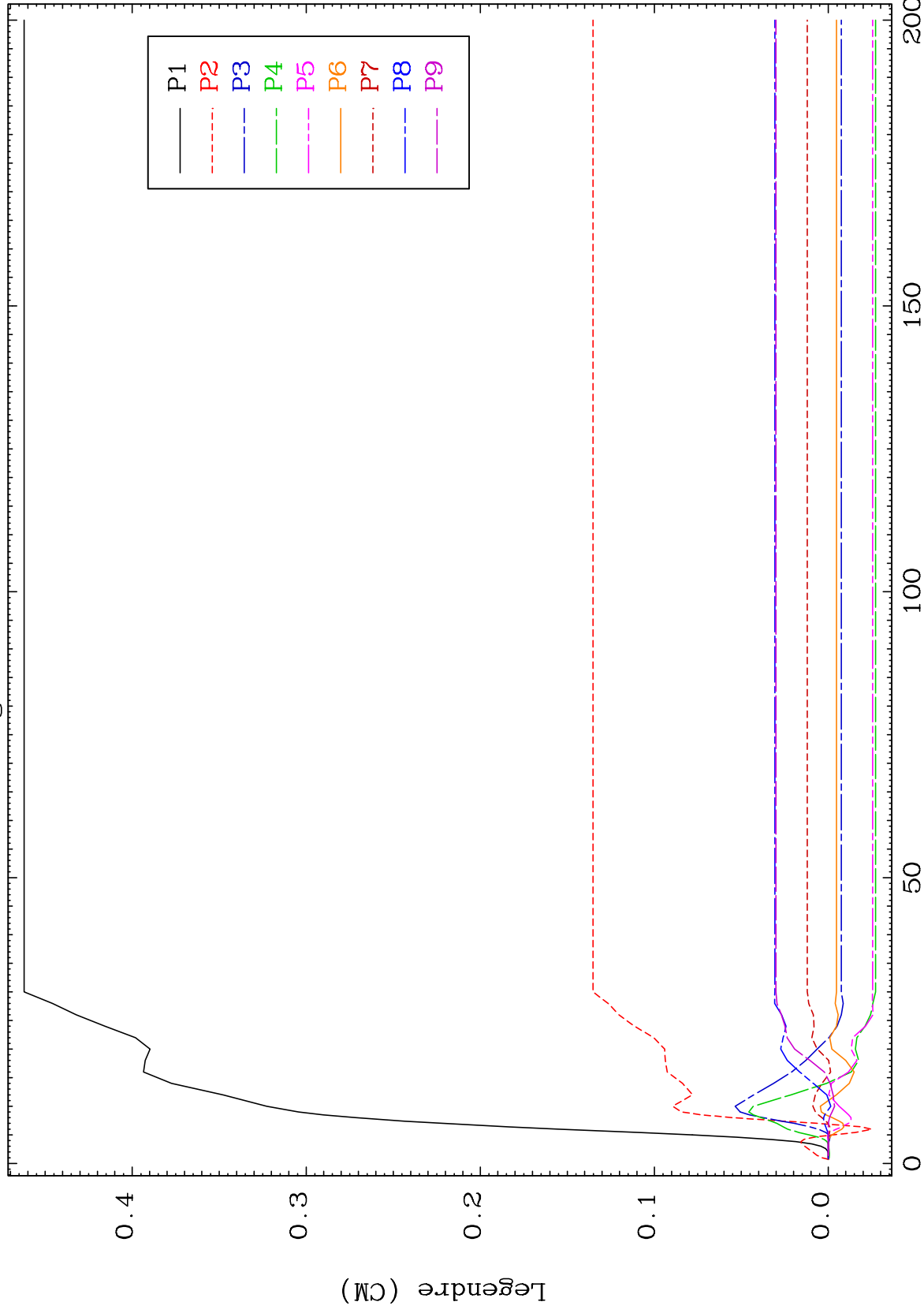
64

71-Lu-177

MAT 7131

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

71-Lu-177



65

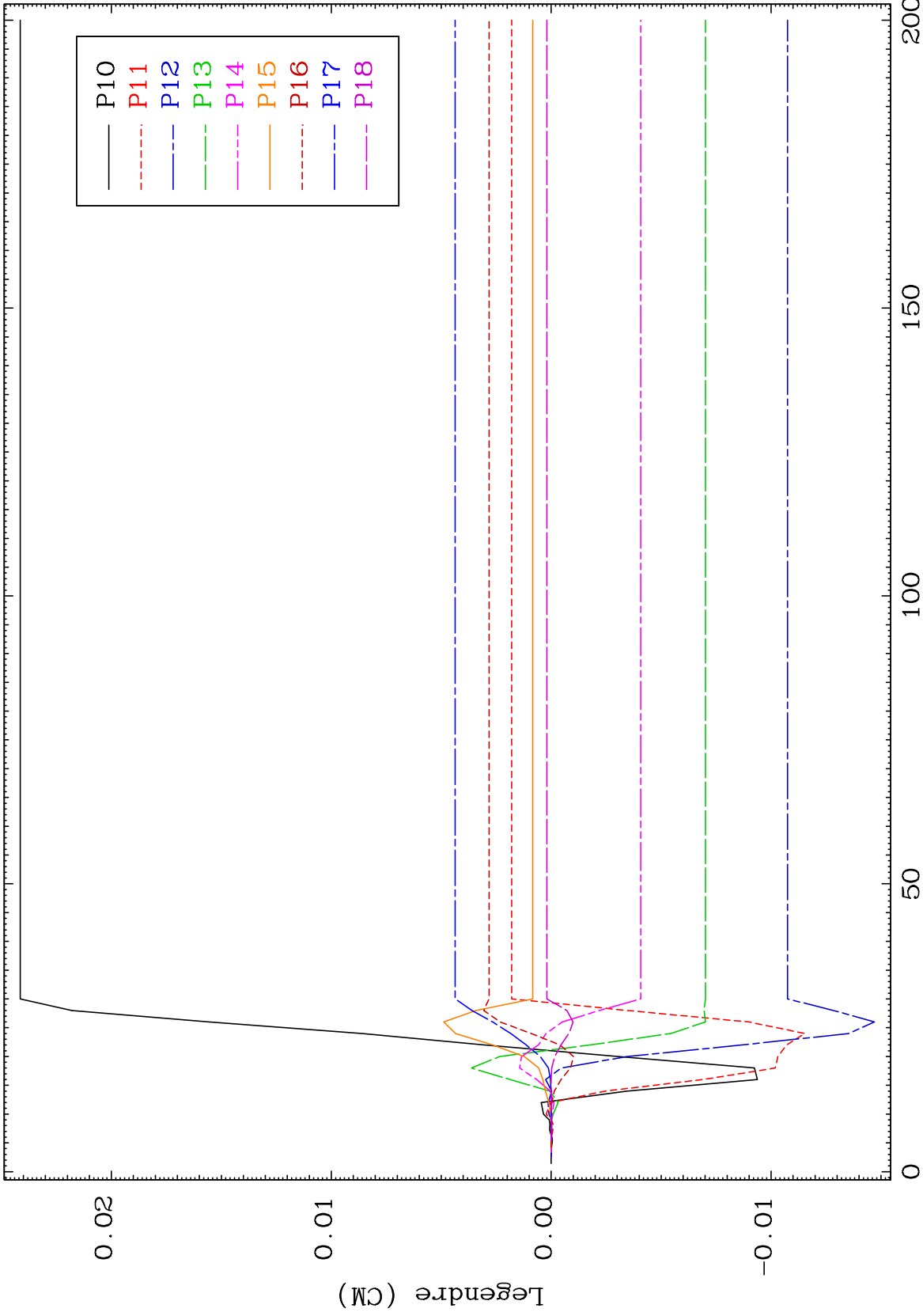
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



66

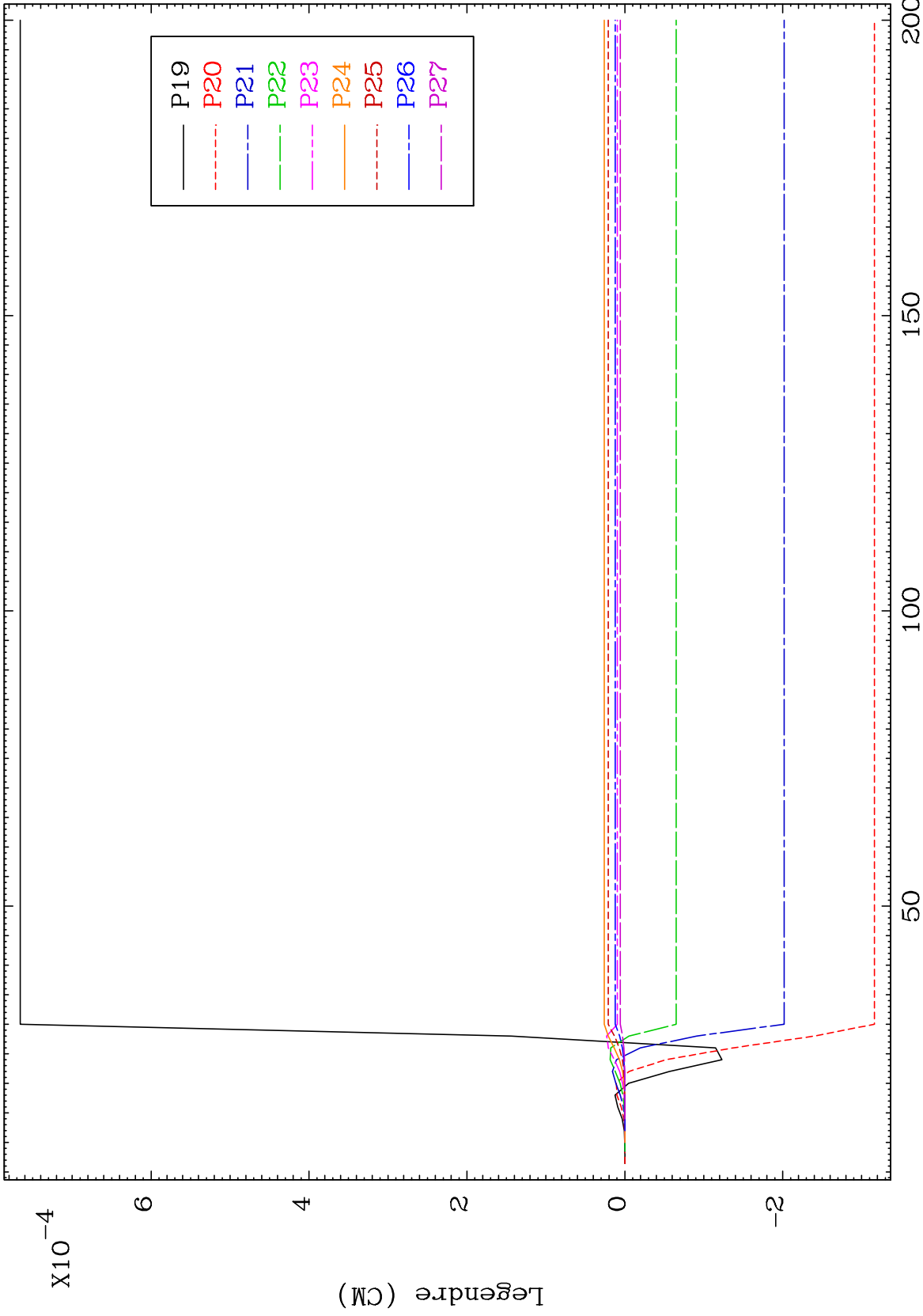
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



67

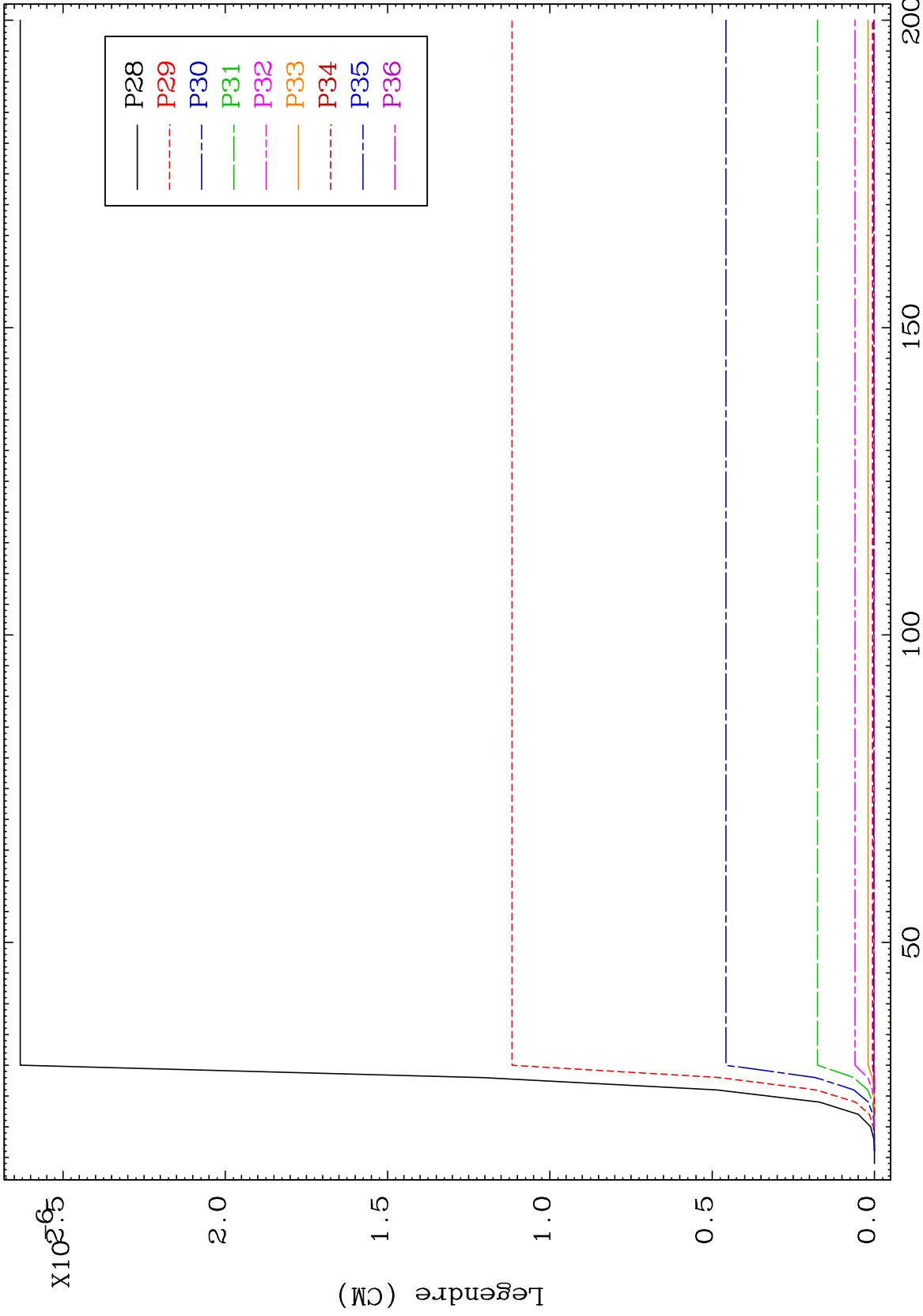
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



68

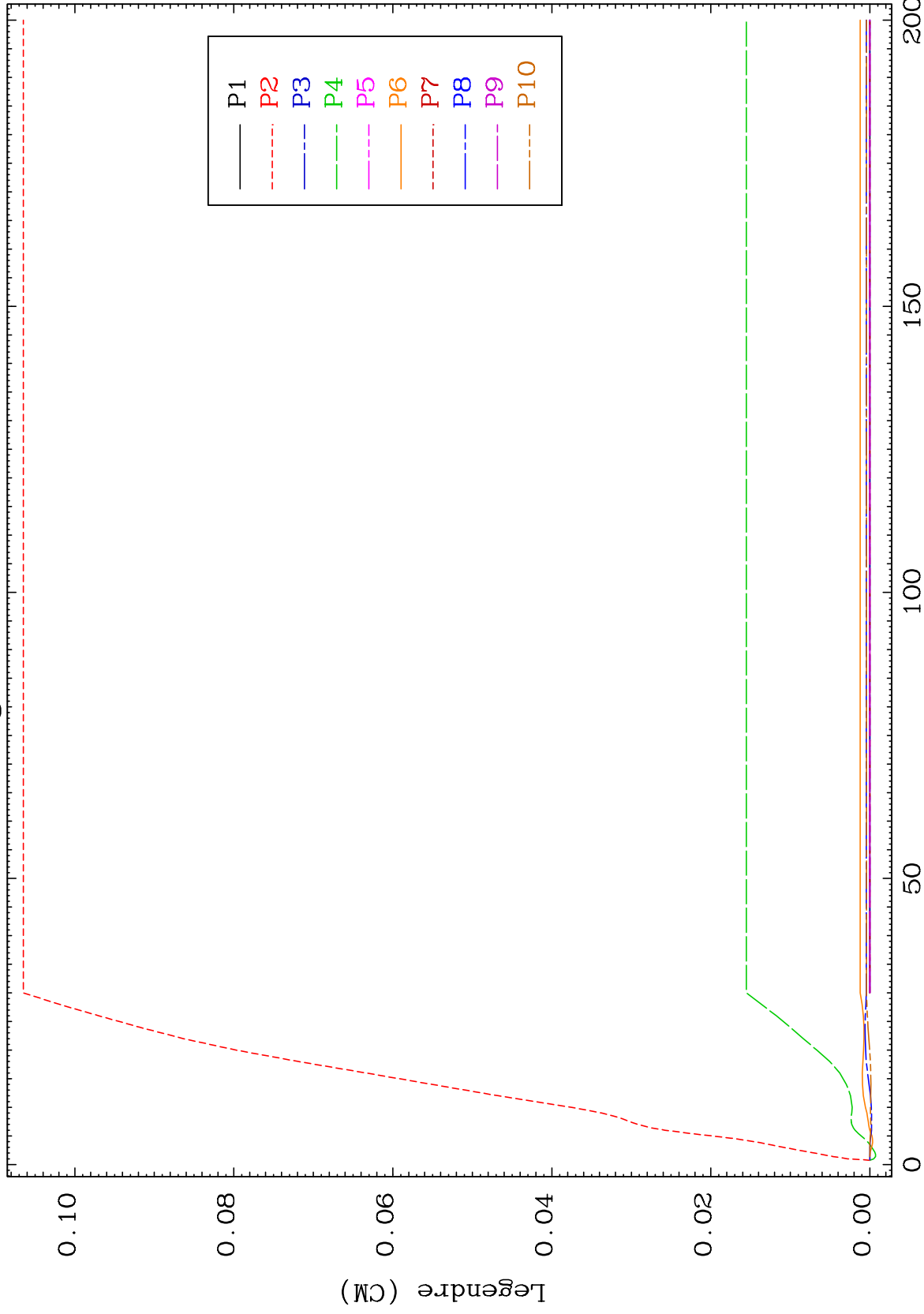
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



69

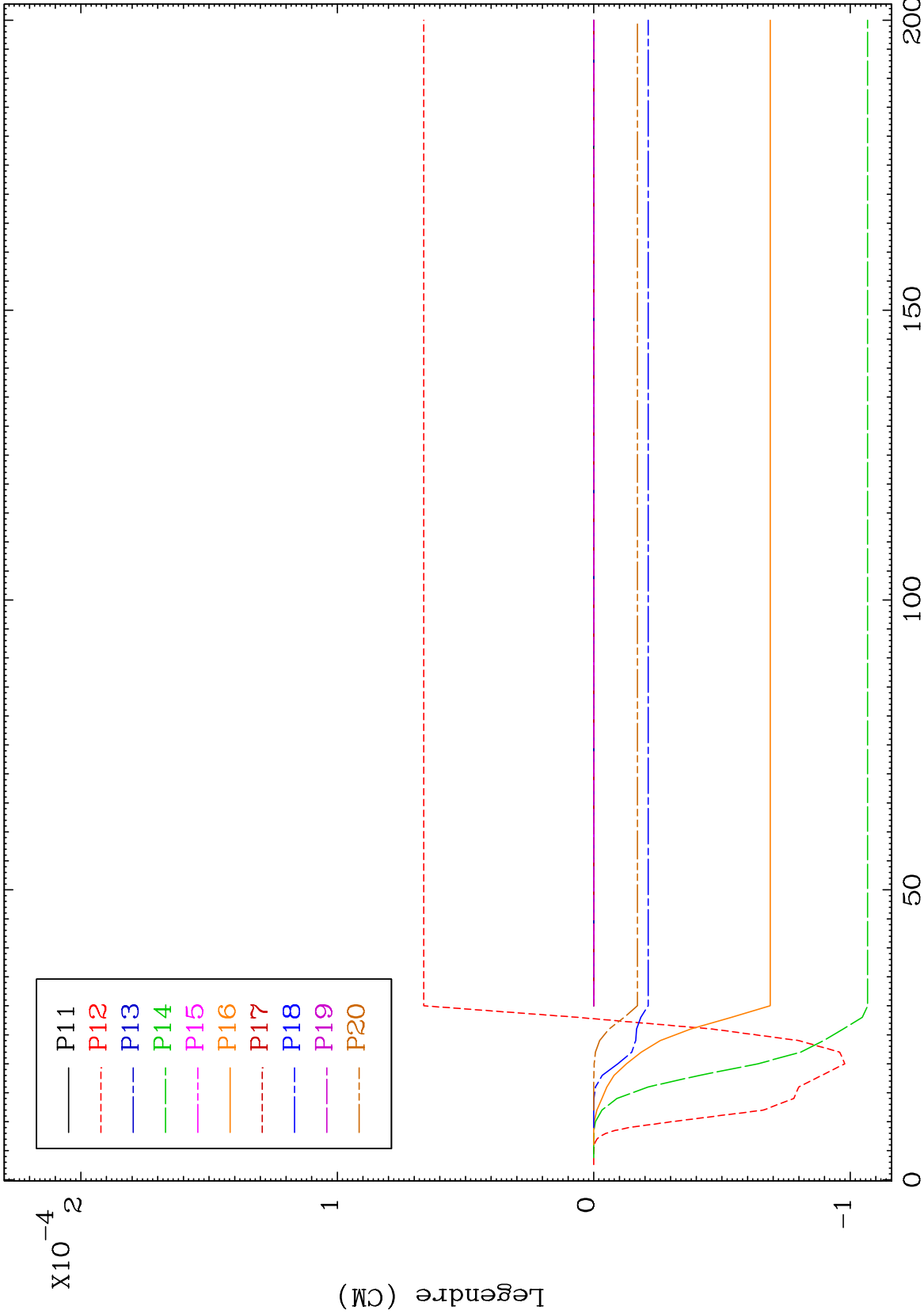
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



70

Incident Energy (MeV)

71-Lu-177

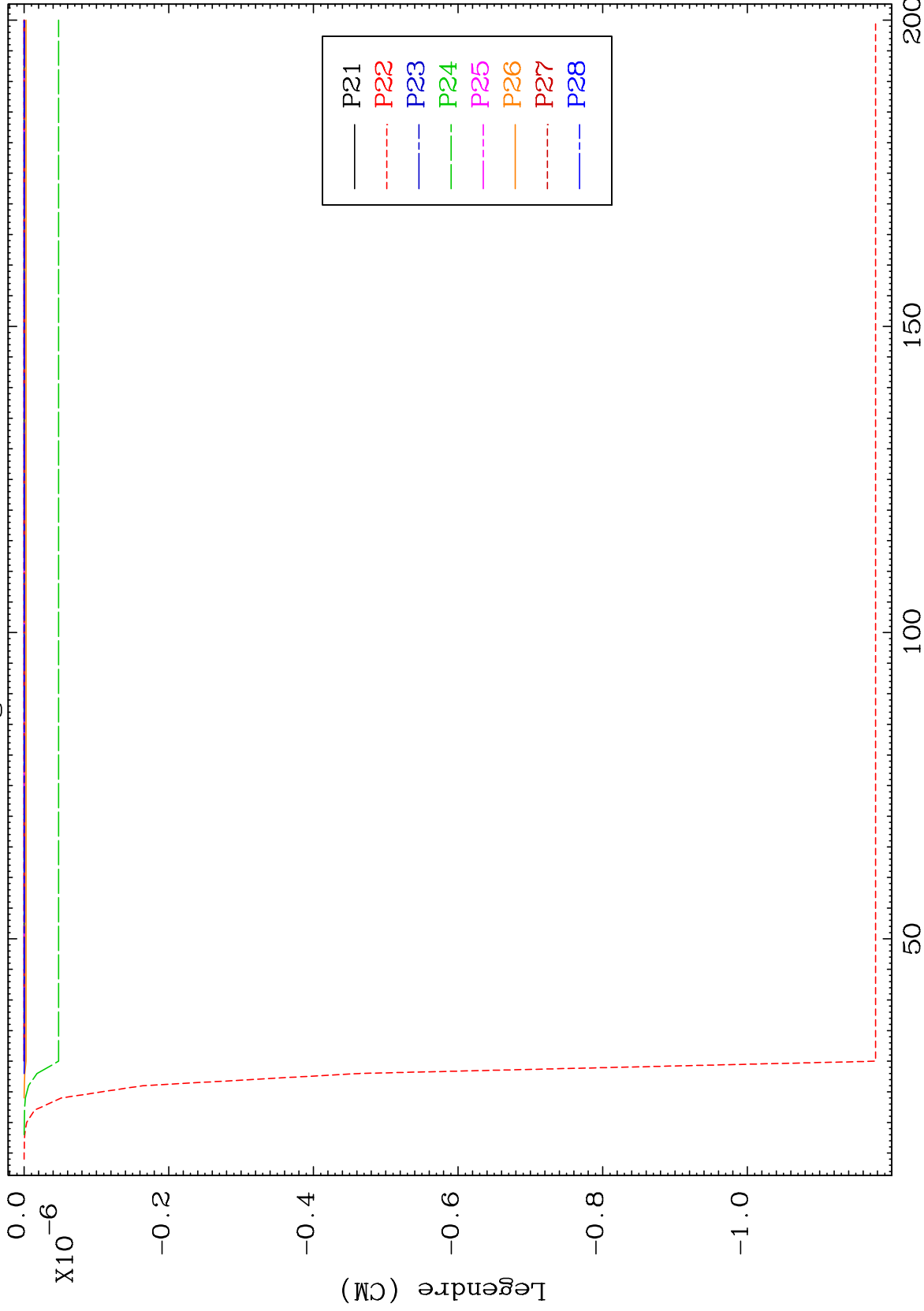
MAT 7131

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

71-Lu-177

Incident Energy (MeV)

71

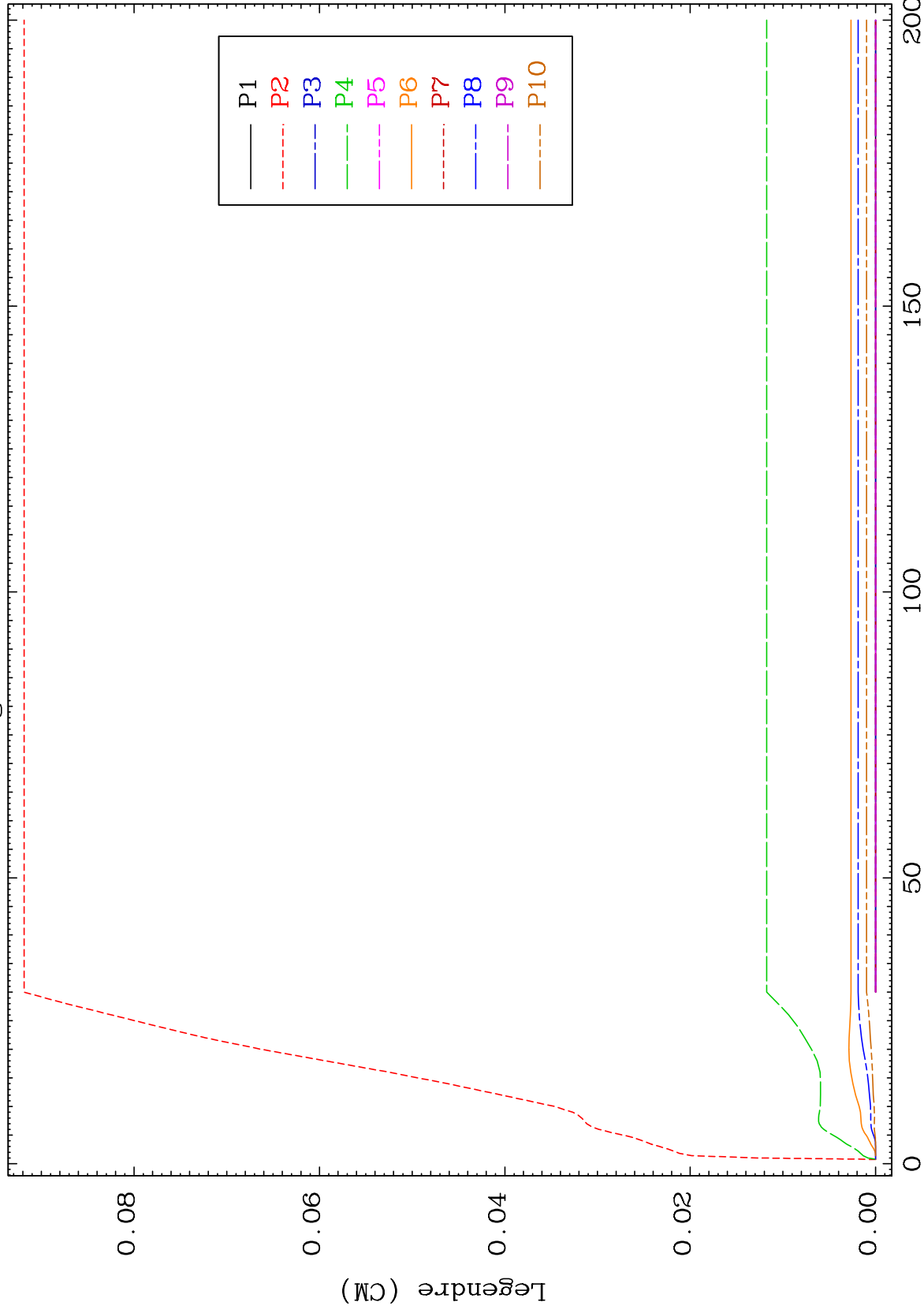




MAT 7131

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

71-Lu-177



72

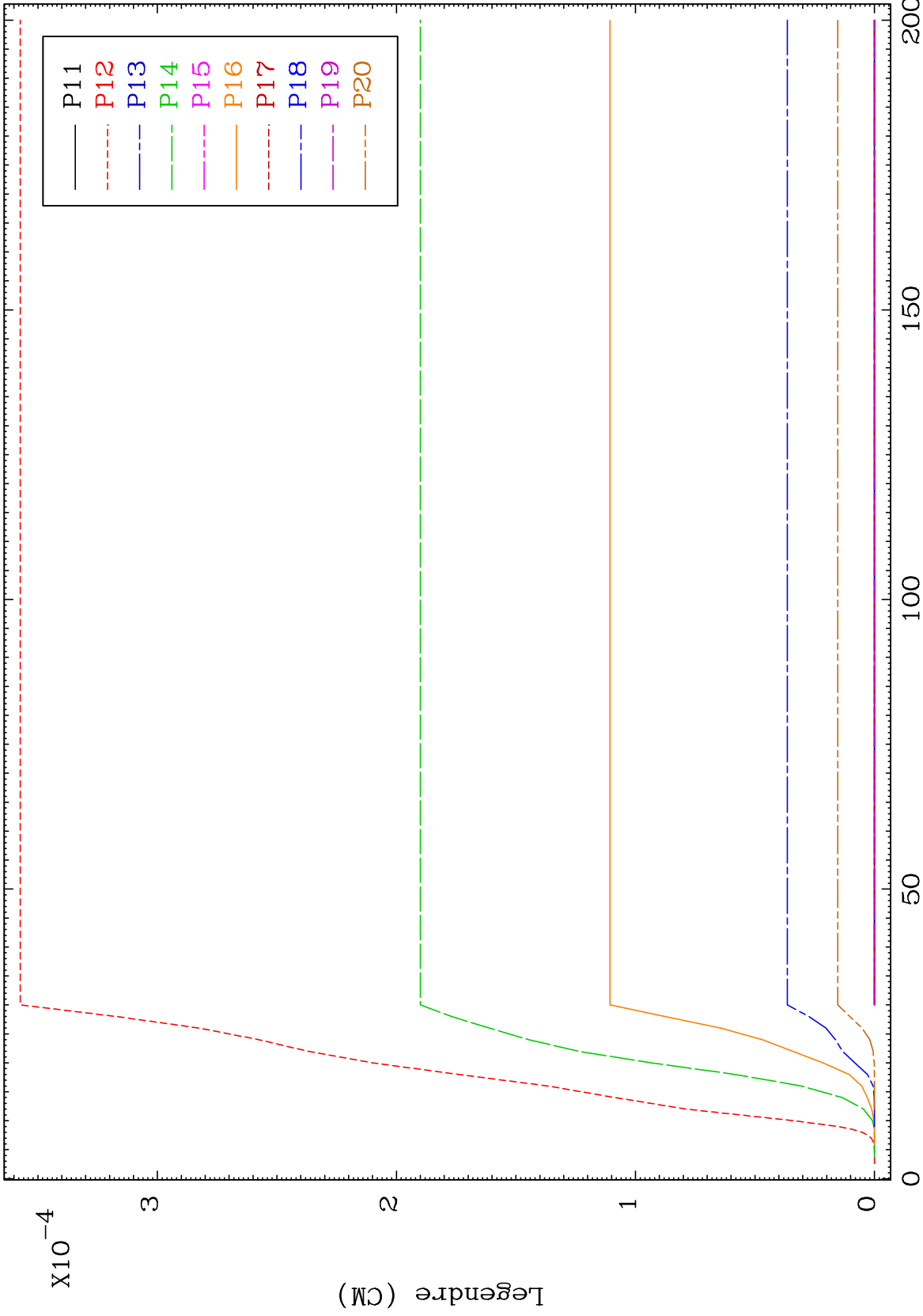
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



73

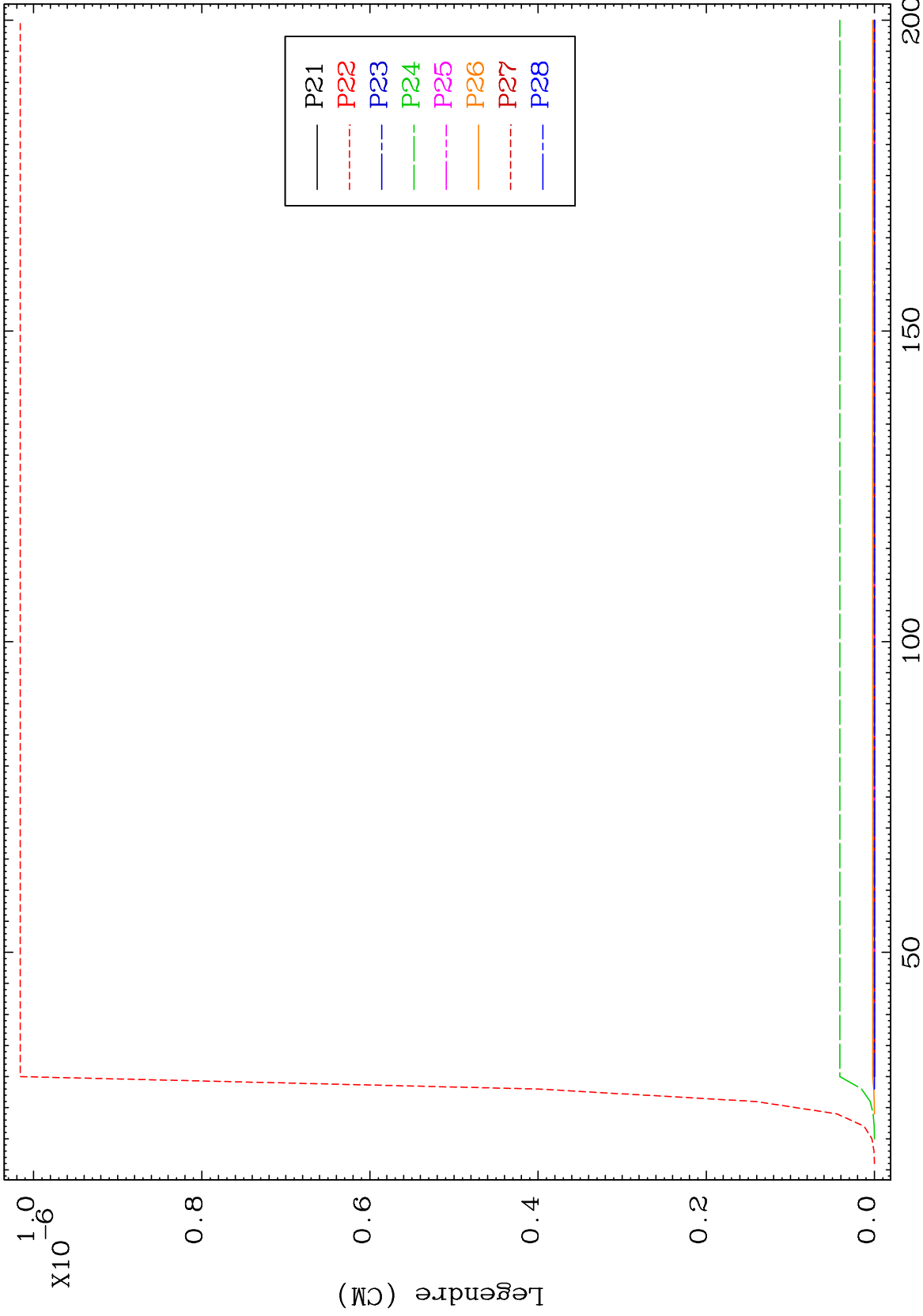
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



74

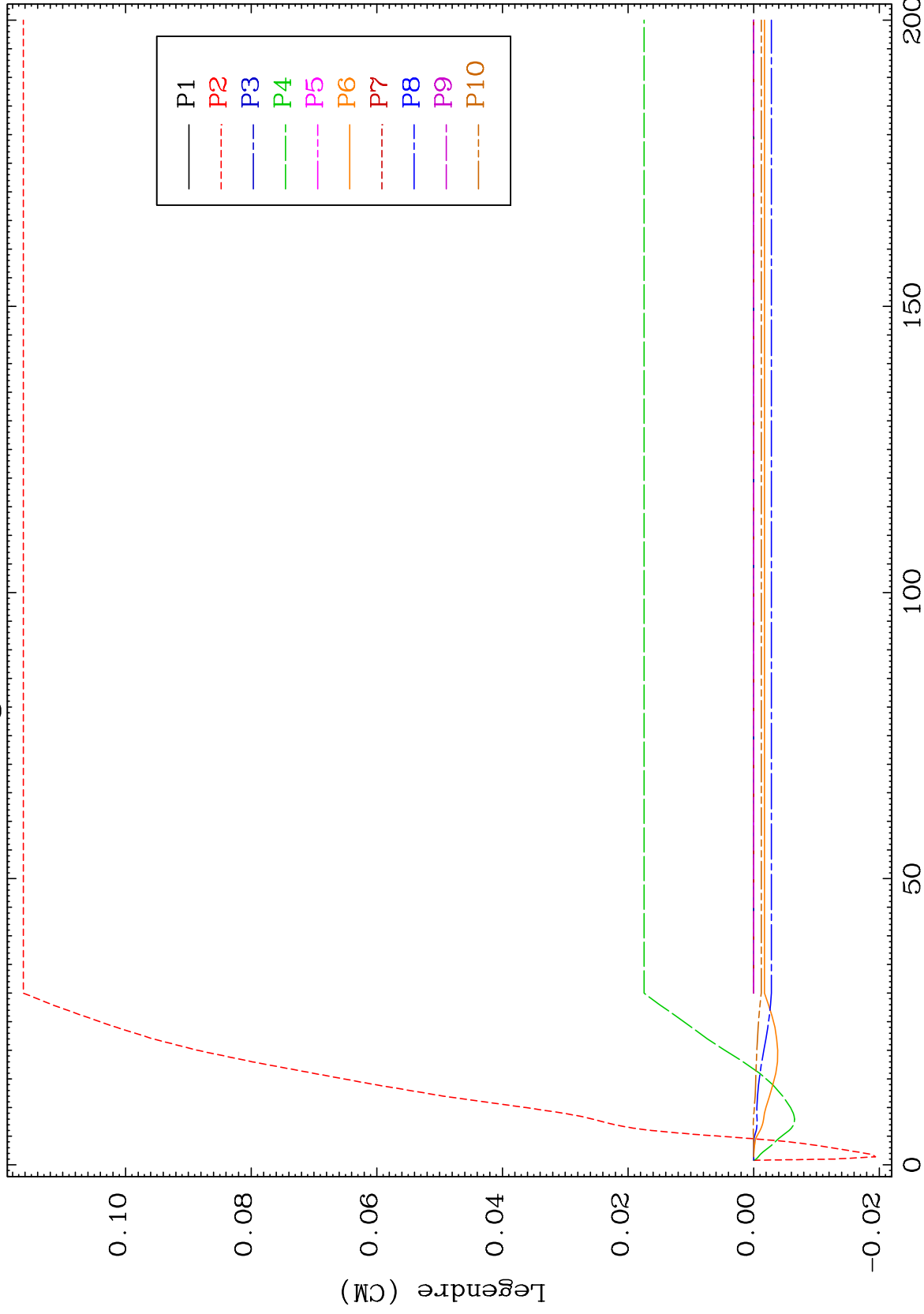
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



75

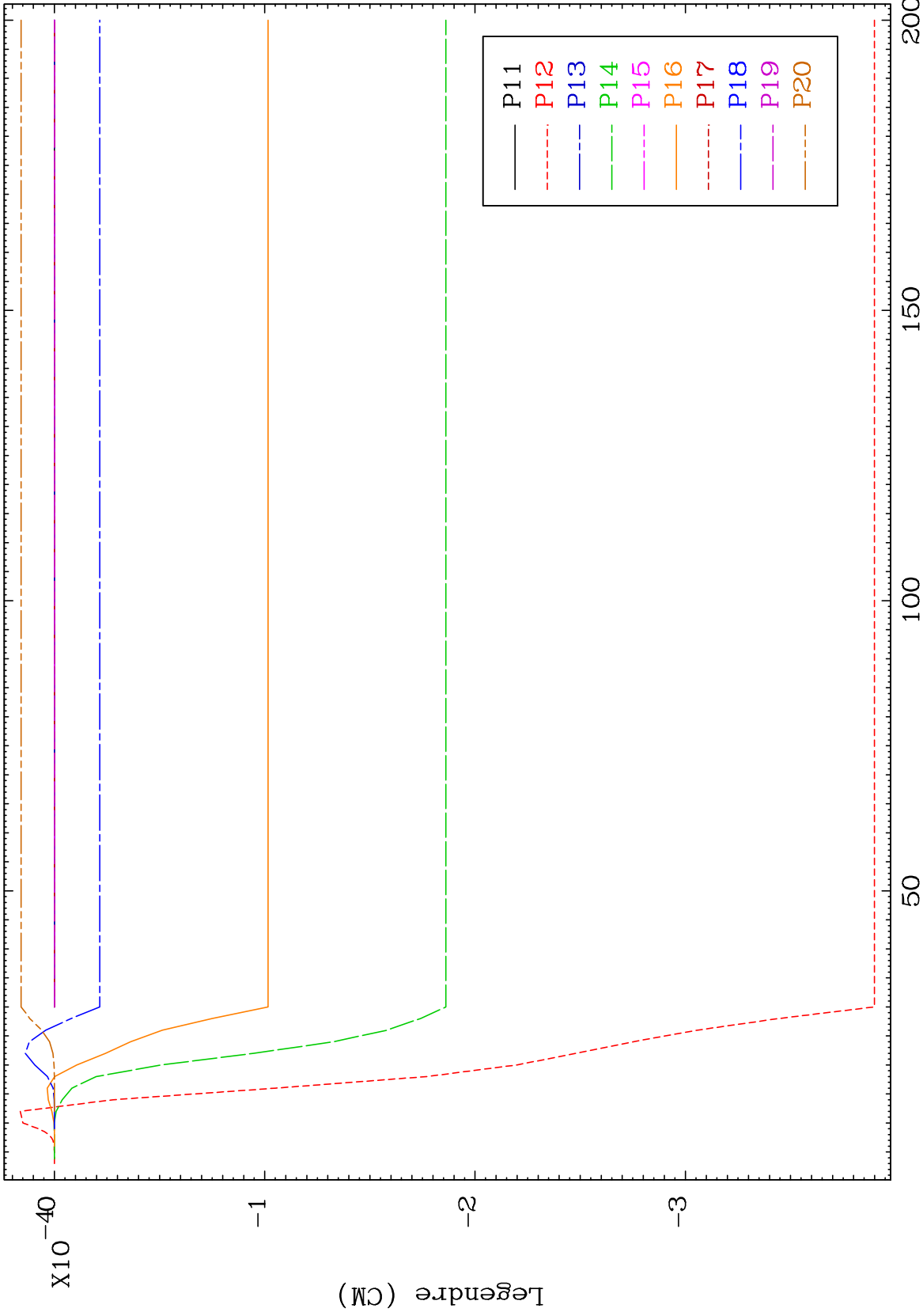
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177

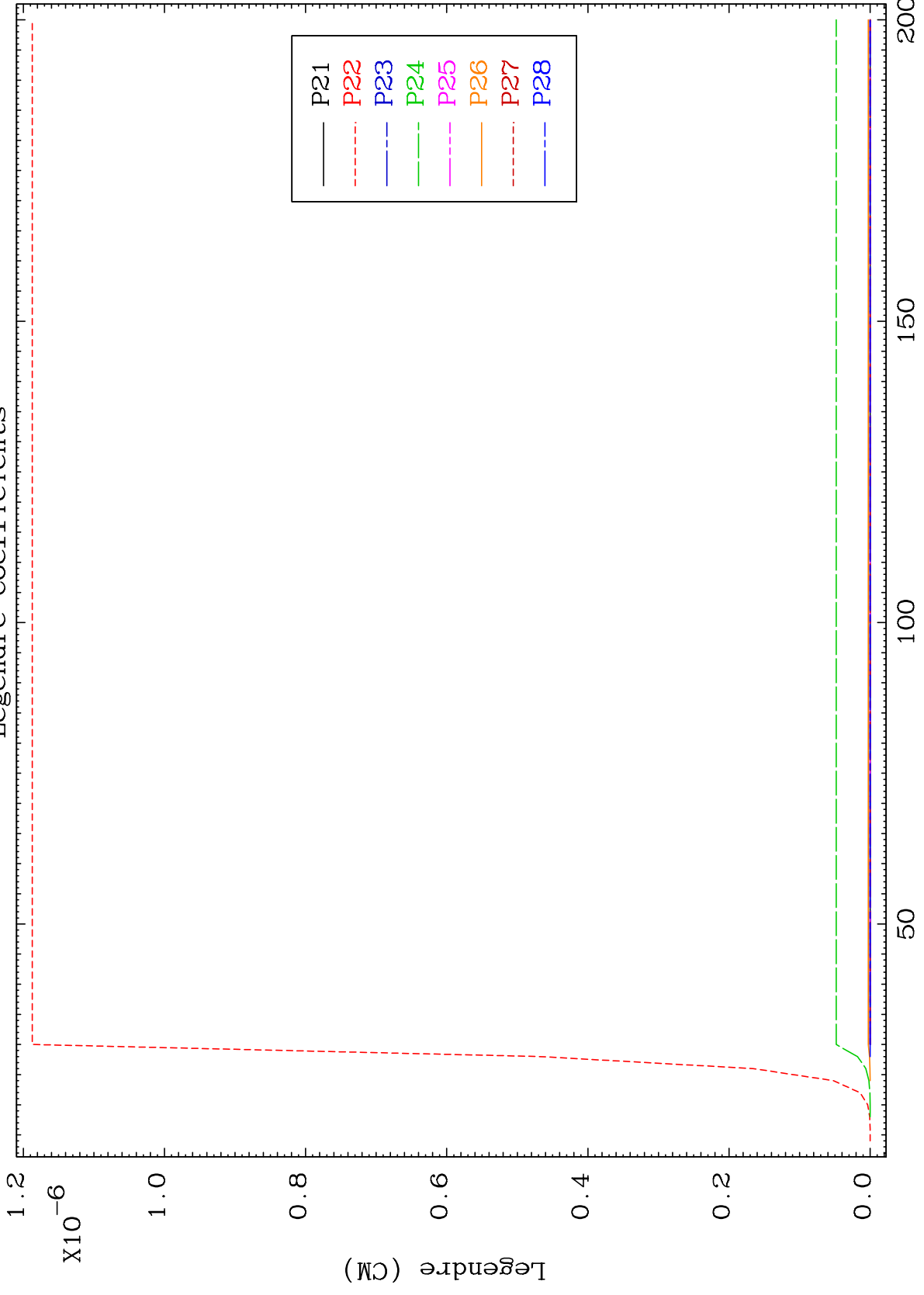


76

Incident Energy (MeV)

71-Lu-177

MAT 7131 MT= 66 (n,n') Level Legendre Coefficients 71-Lu-177

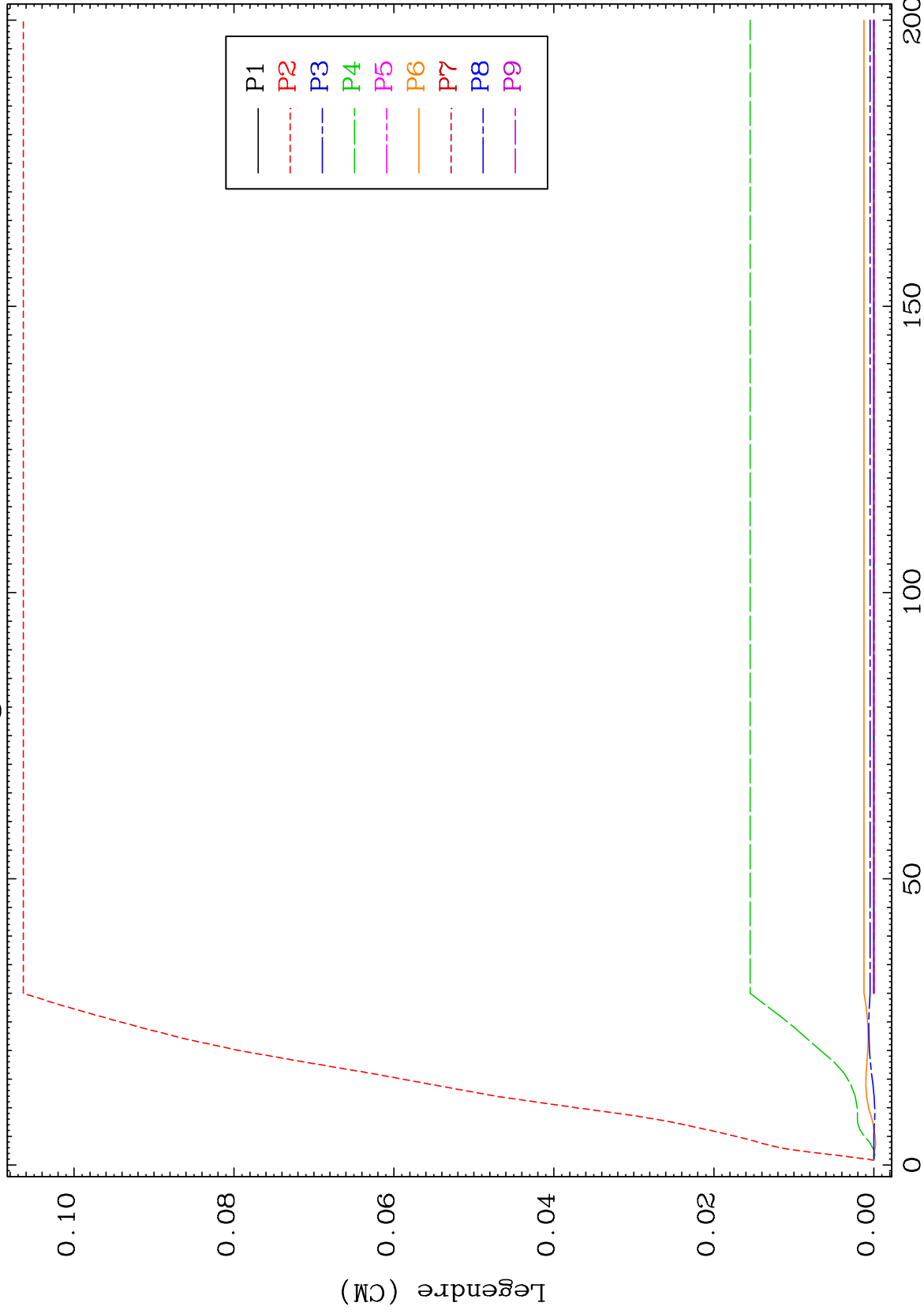


77 71-Lu-177

MAT 7131

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

71-Lu-177



78

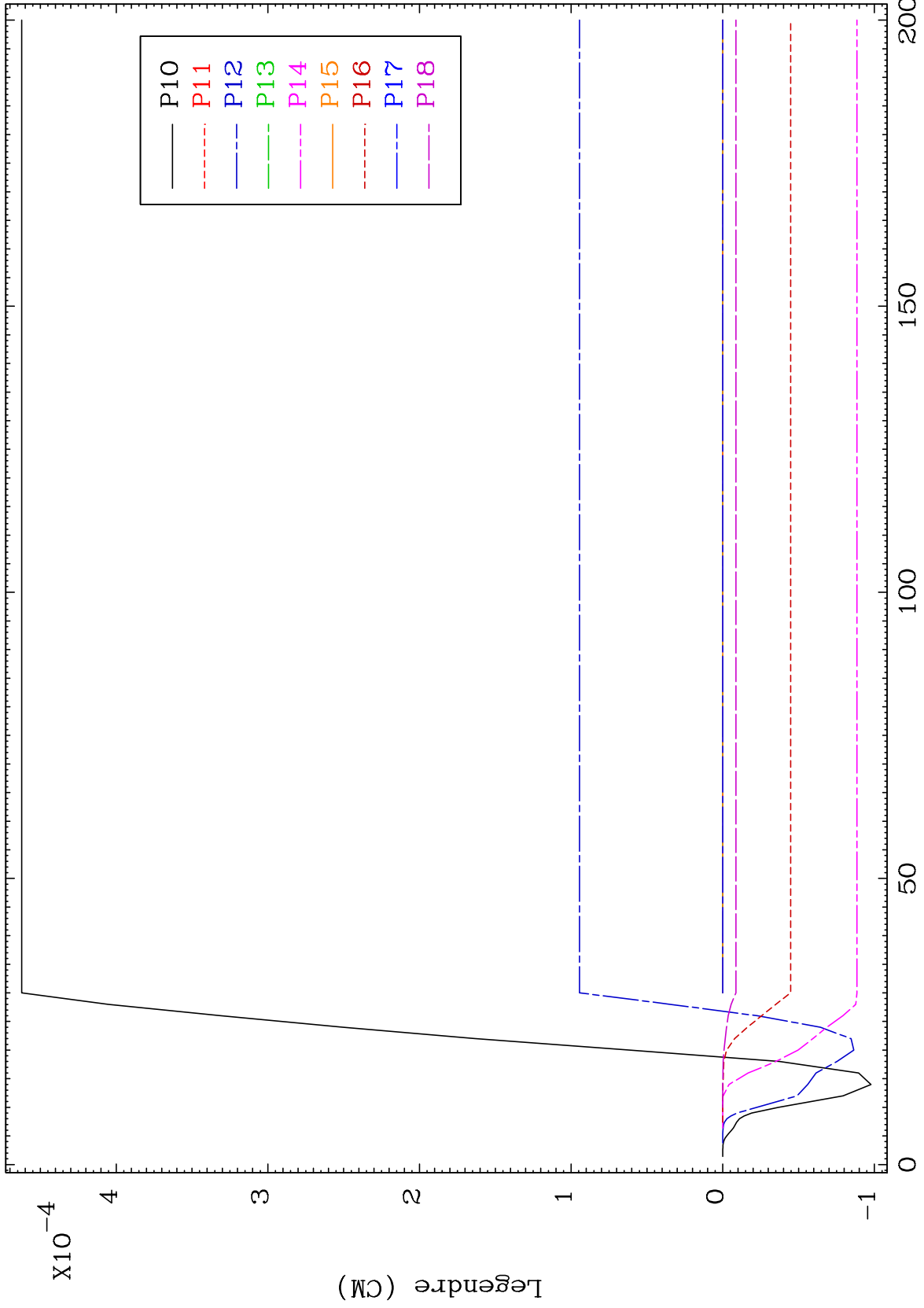
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



79

Incident Energy (MeV)

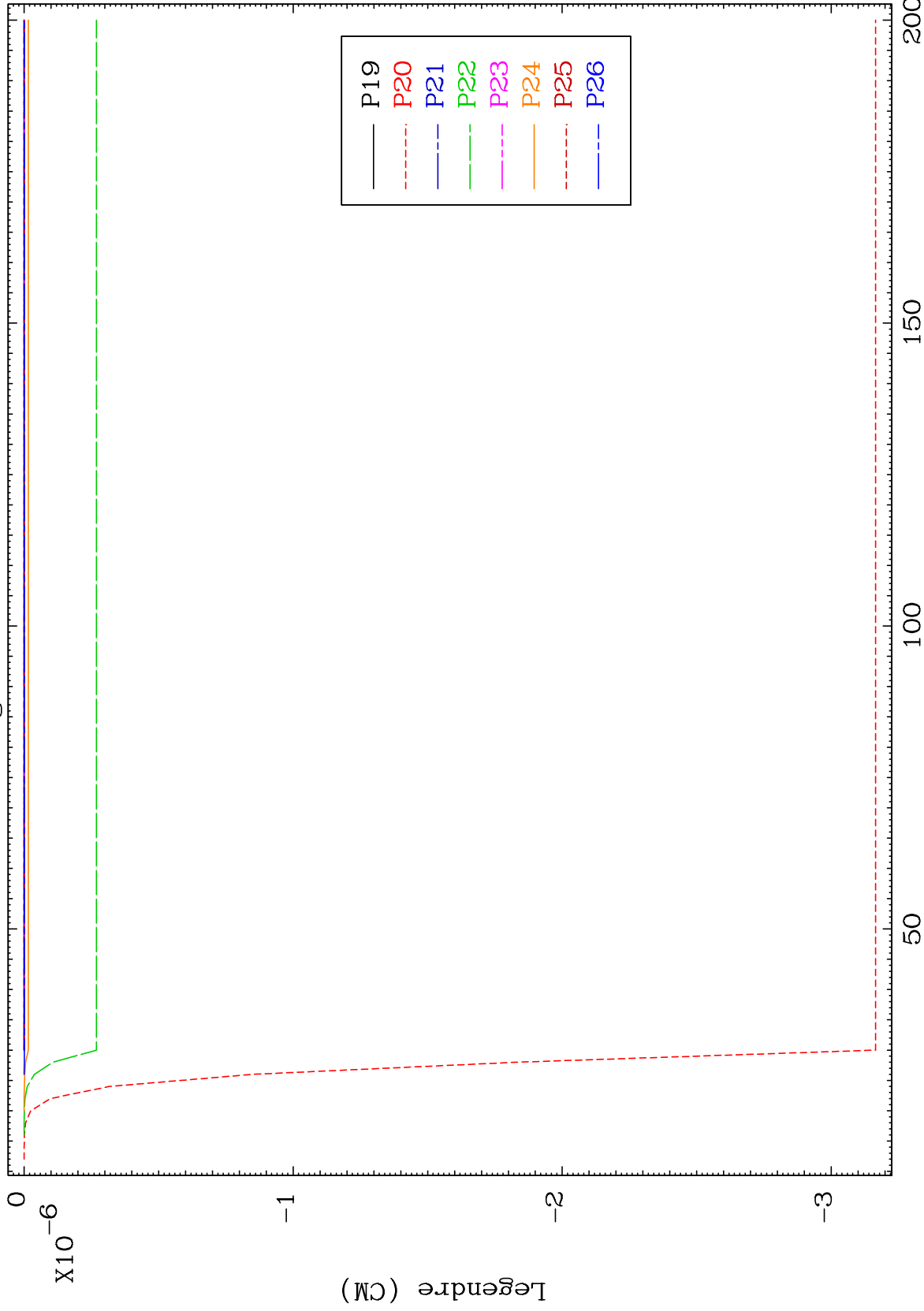
71-Lu-177



MAT 7131

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

71-Lu-177

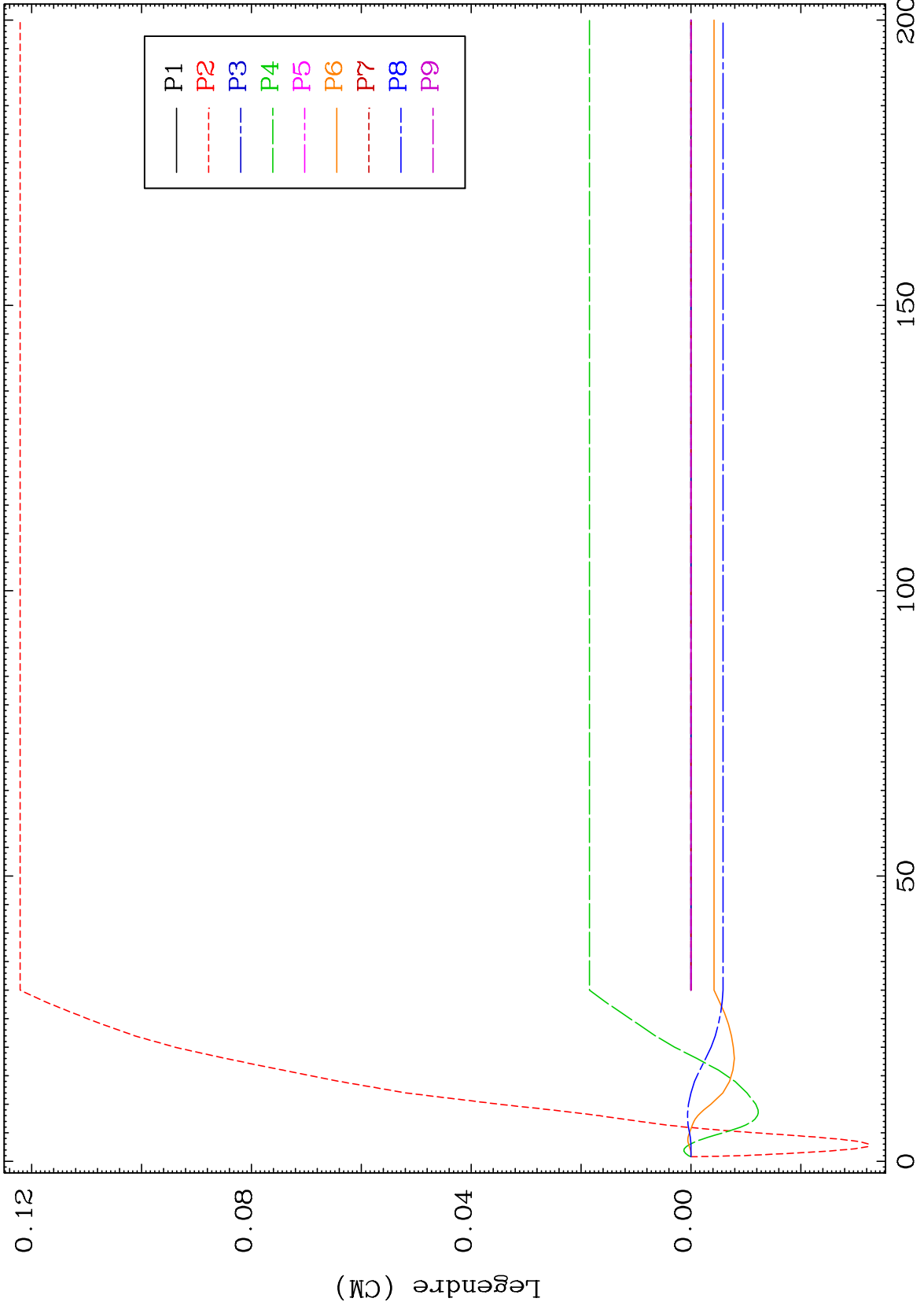


71-Lu-177

Incident Energy (MeV)

80

MAT 7131 MT= 68 (n,n') Level Legendre Coefficients 71-Lu-177

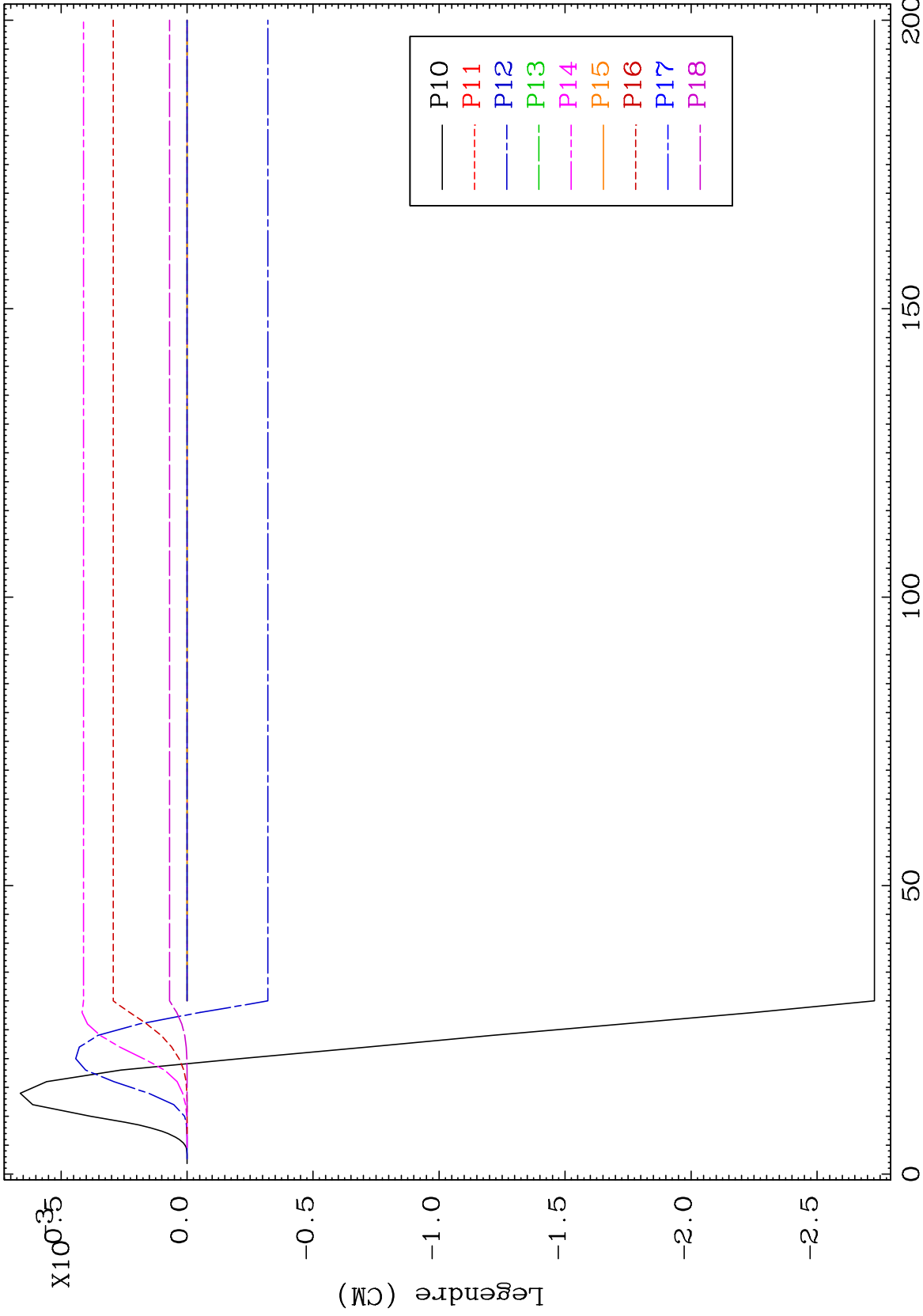


81 71-Lu-177

MAT 7131

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

71-Lu-177



82

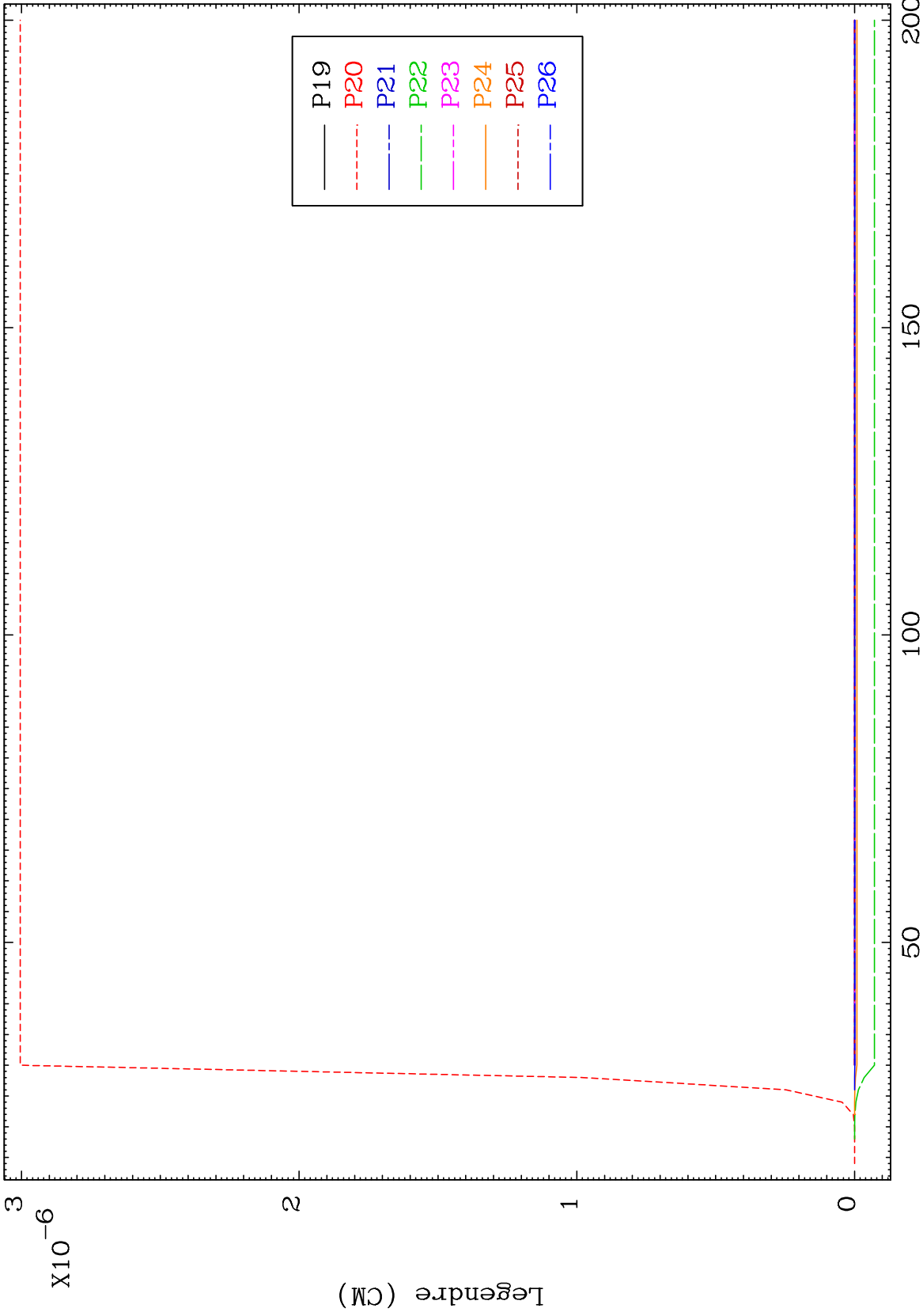
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177

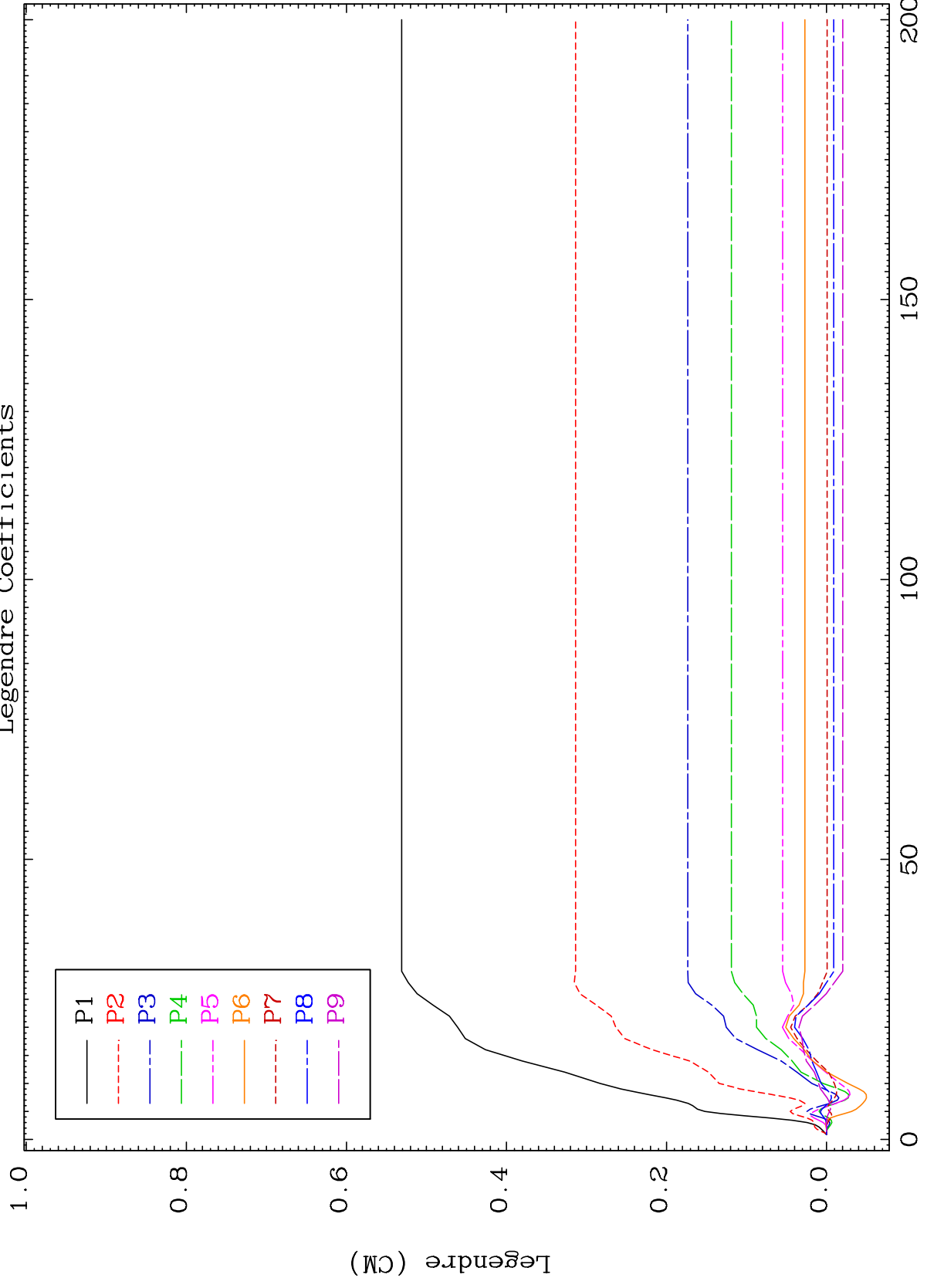


83

Incident Energy (MeV)

71-Lu-177

MAT 7131 MT= 69 (n,n') Level Legendre Coefficients 71-Lu-177

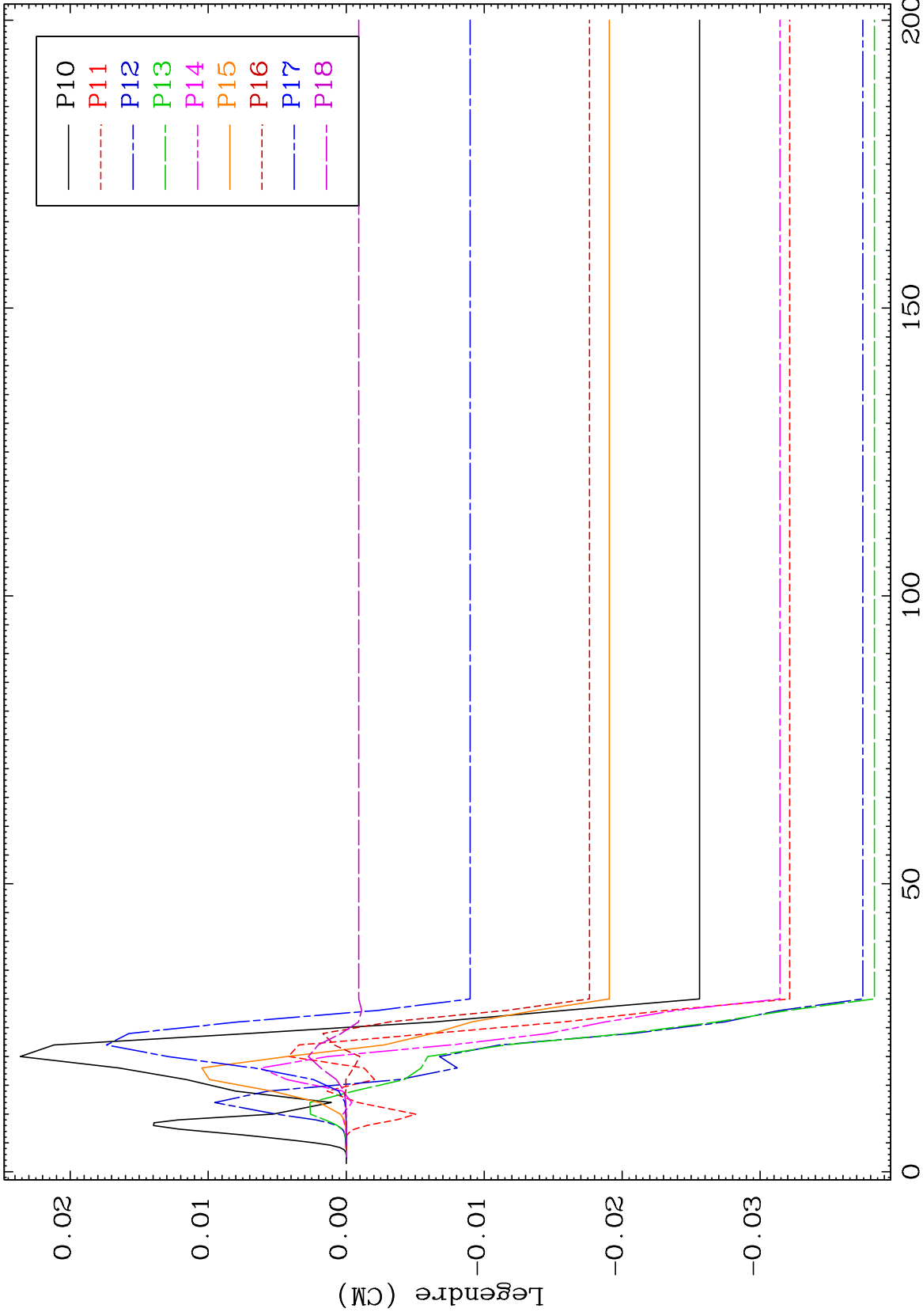


84 71-Lu-177

MAT 7131

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

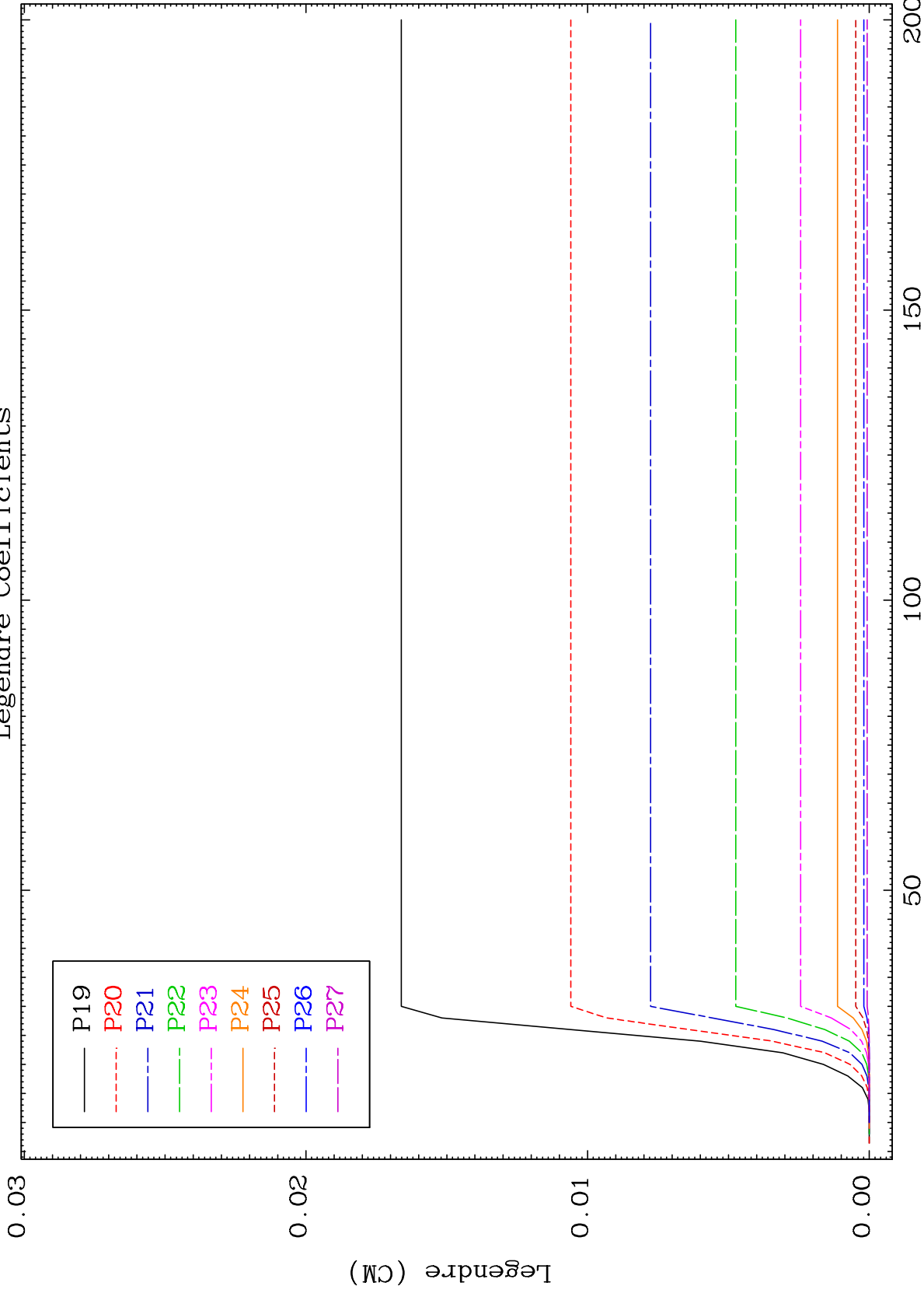
71-Lu-177



85

Incident Energy (MeV)

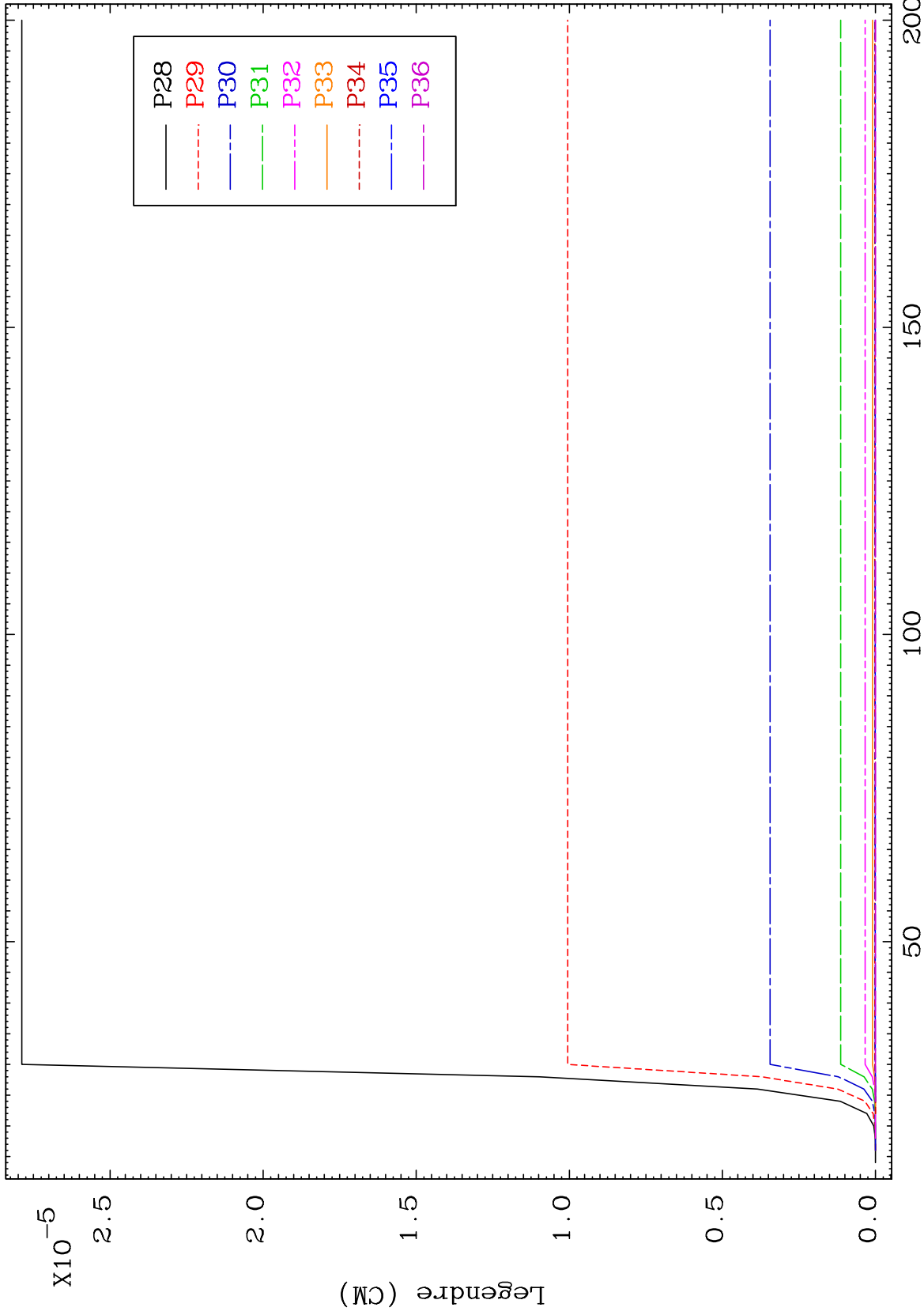
71-Lu-177



MAT 7131

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

71-Lu-177



87

Incident Energy (MeV)

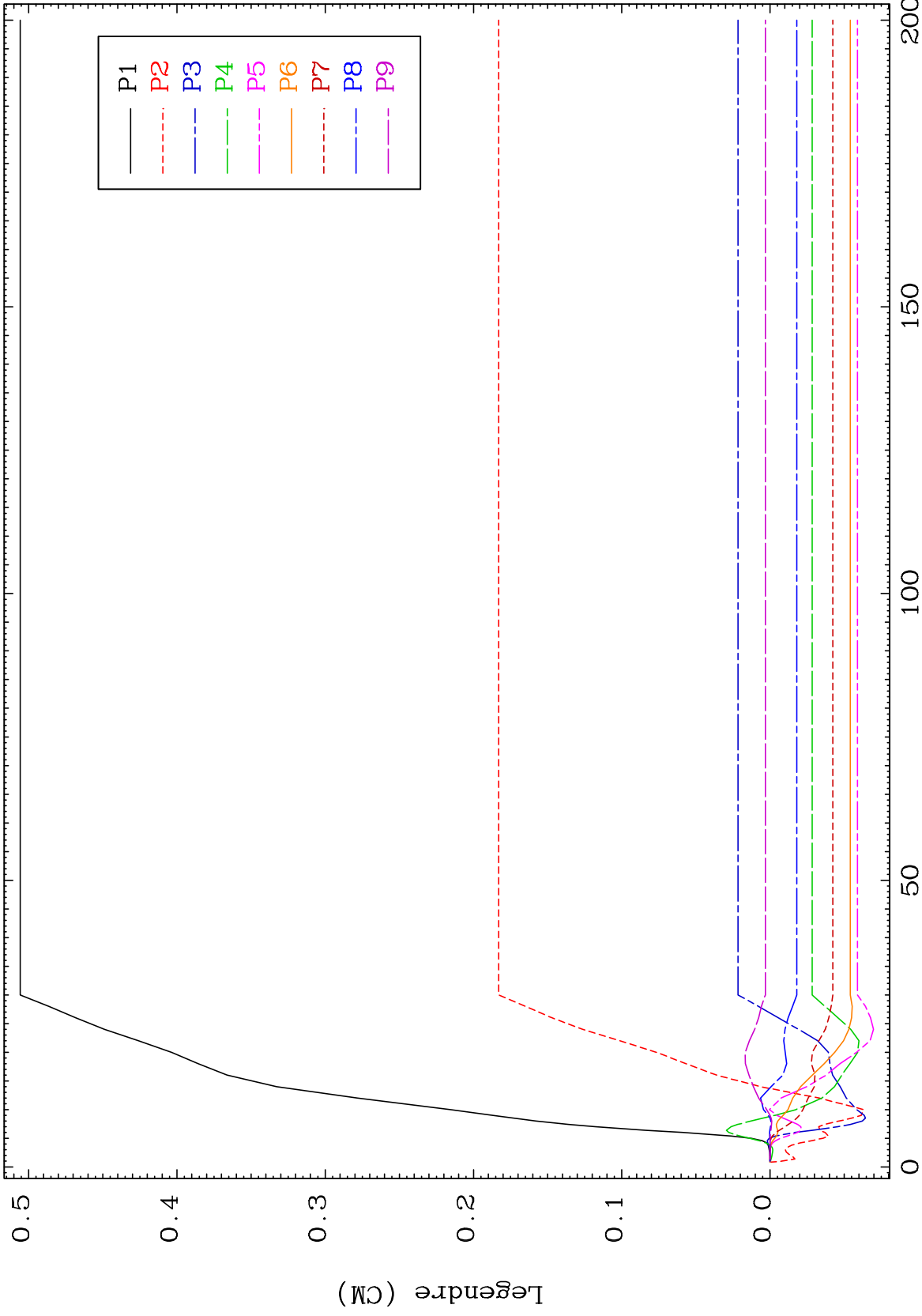
71-Lu-177



MAT 7131

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

71-Lu-177



88

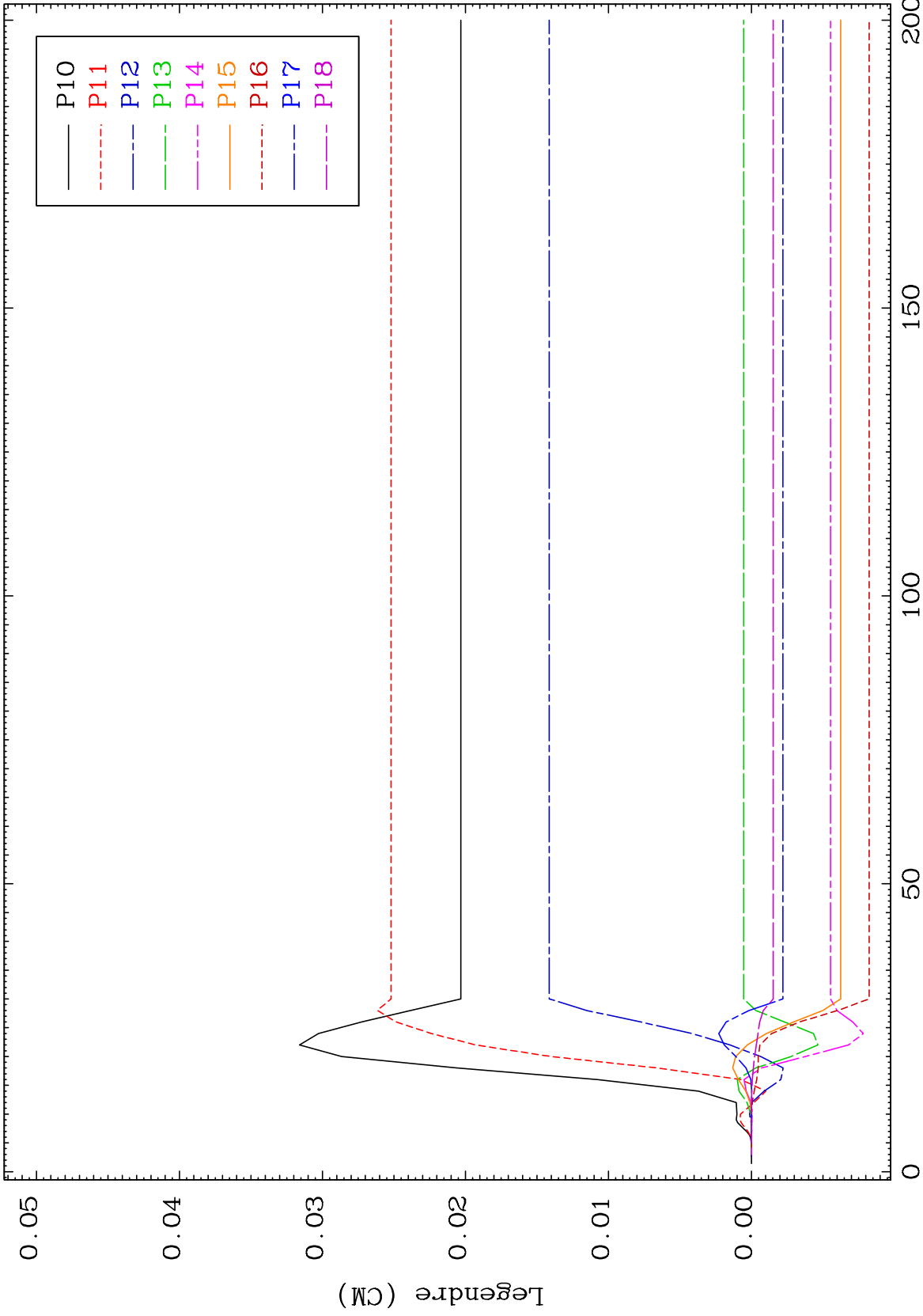
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



89

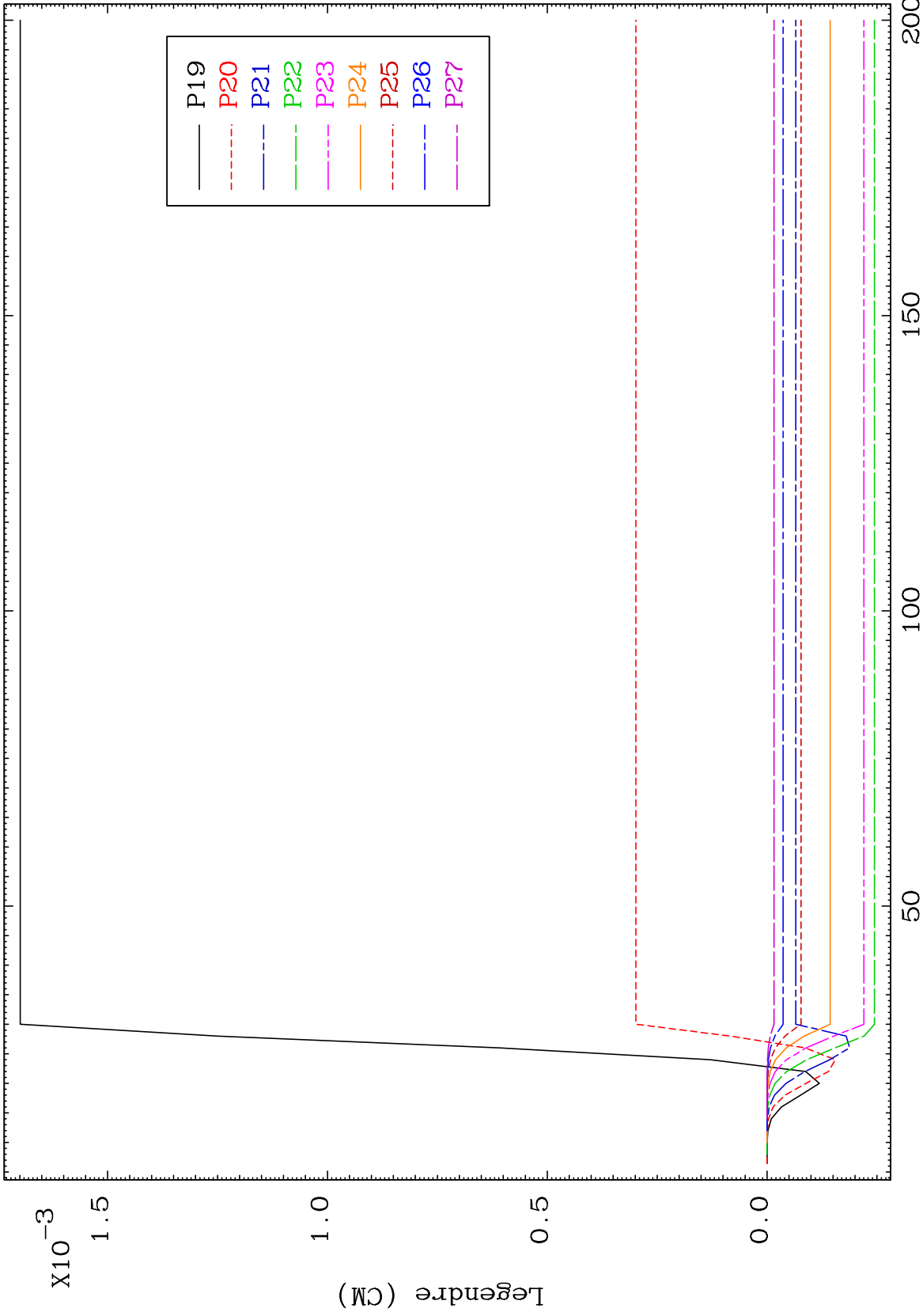
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



90

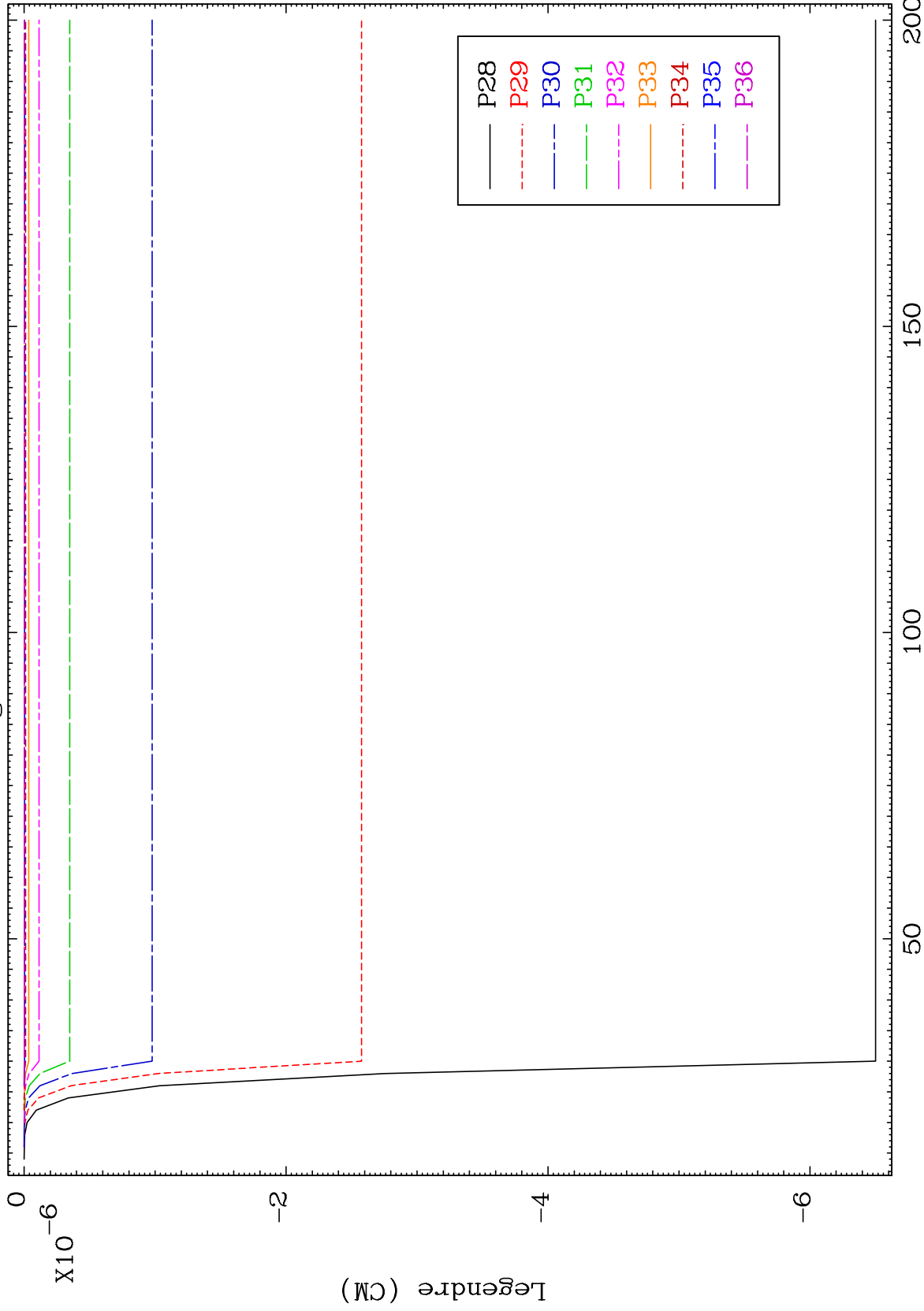
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

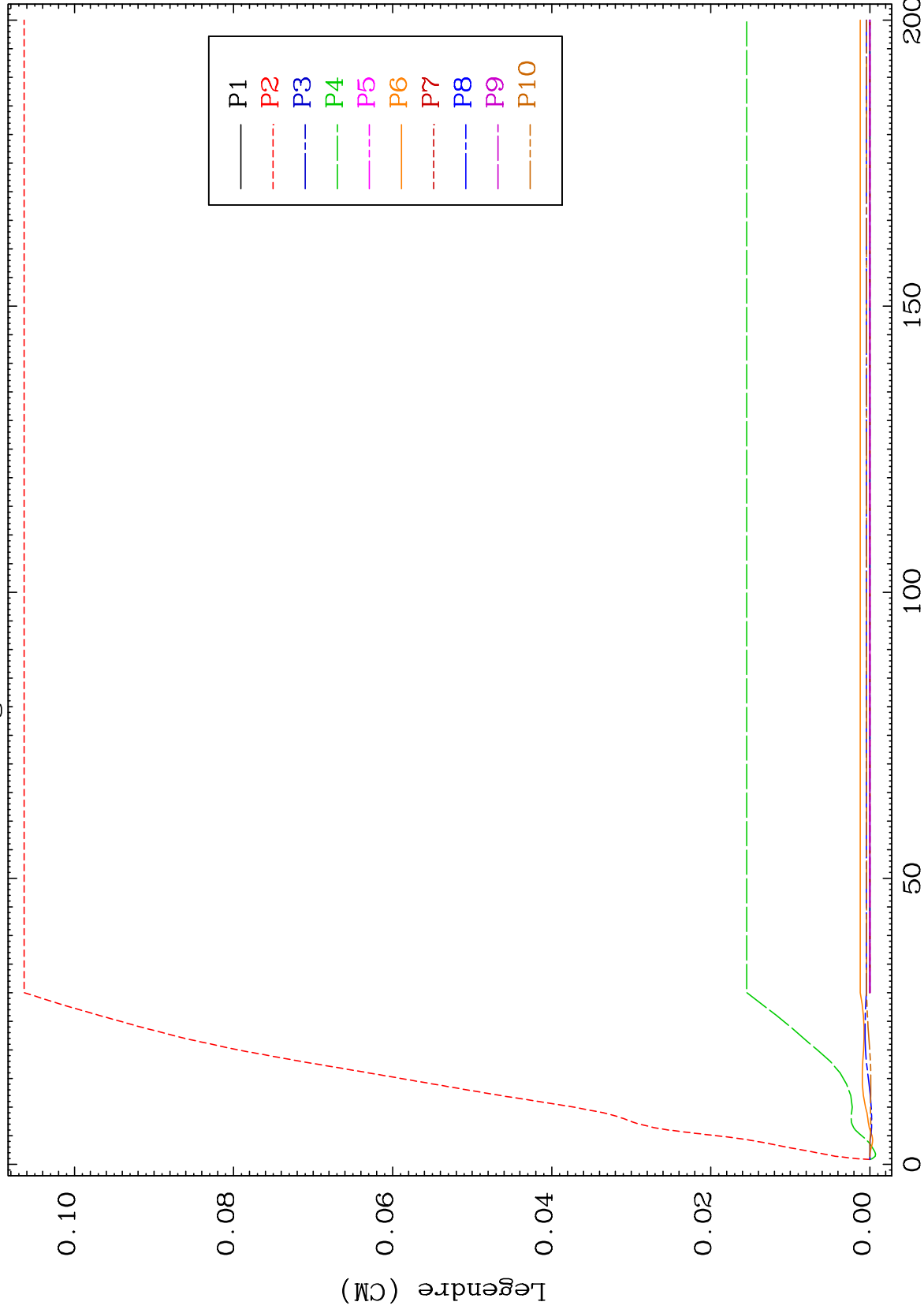
Incident Energy (MeV)

91

MAT 7131

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

71-Lu-177



92

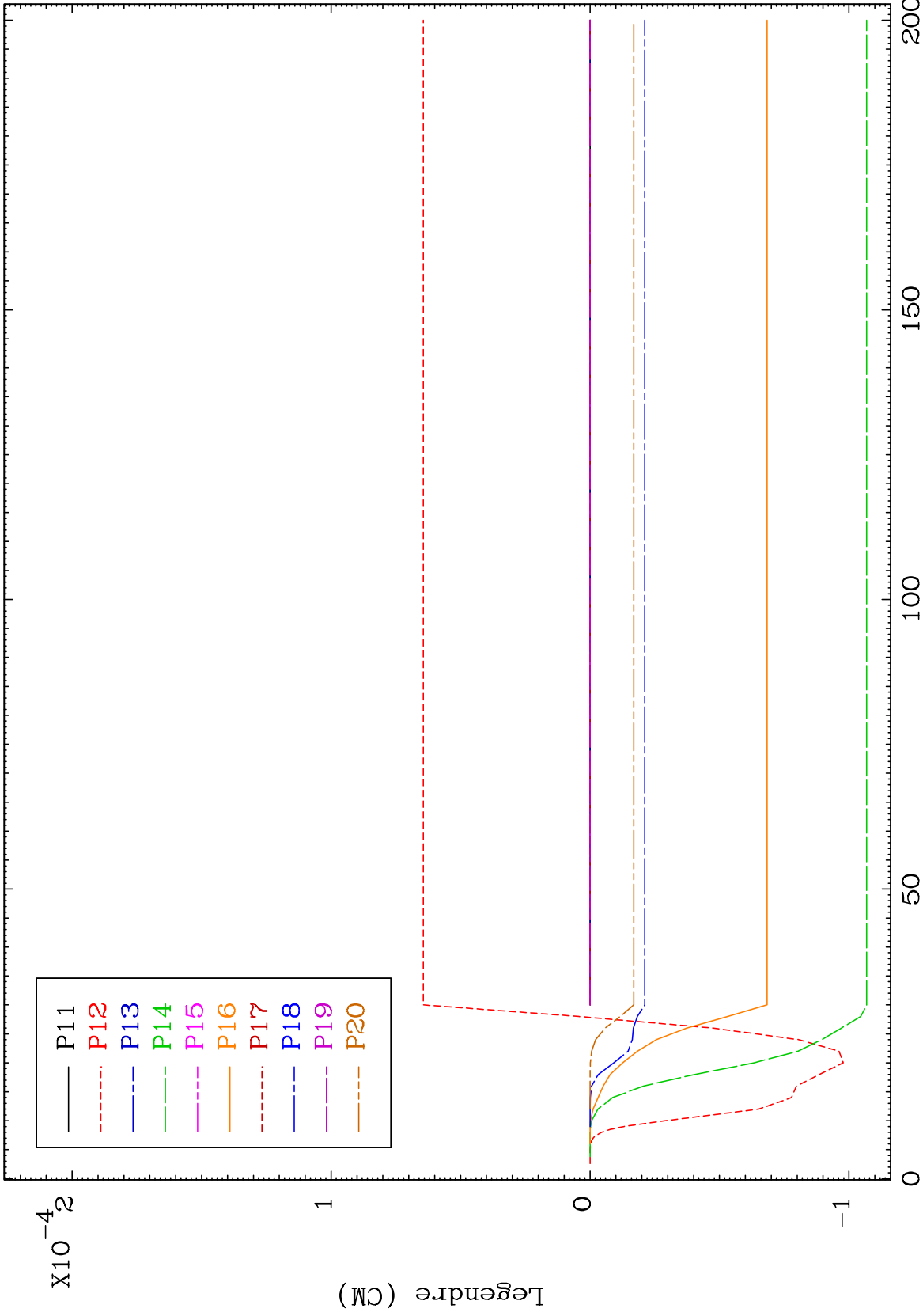
Incident Energy (MeV)

71-Lu-177

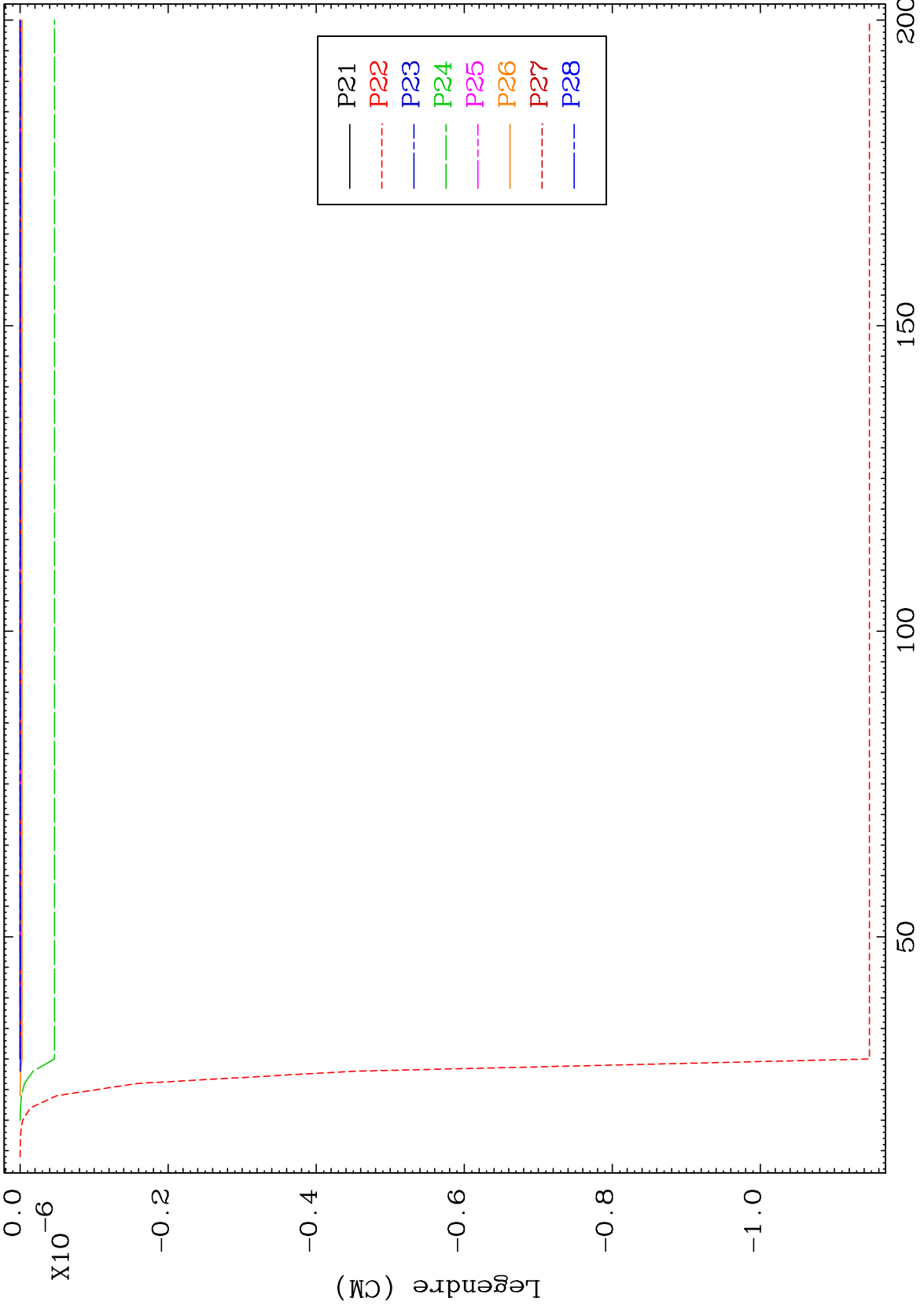
MAT 7131

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

71-Lu-177



MAT 7131 MT= 71 (n,n') Level Legendre Coefficients 71-Lu-177

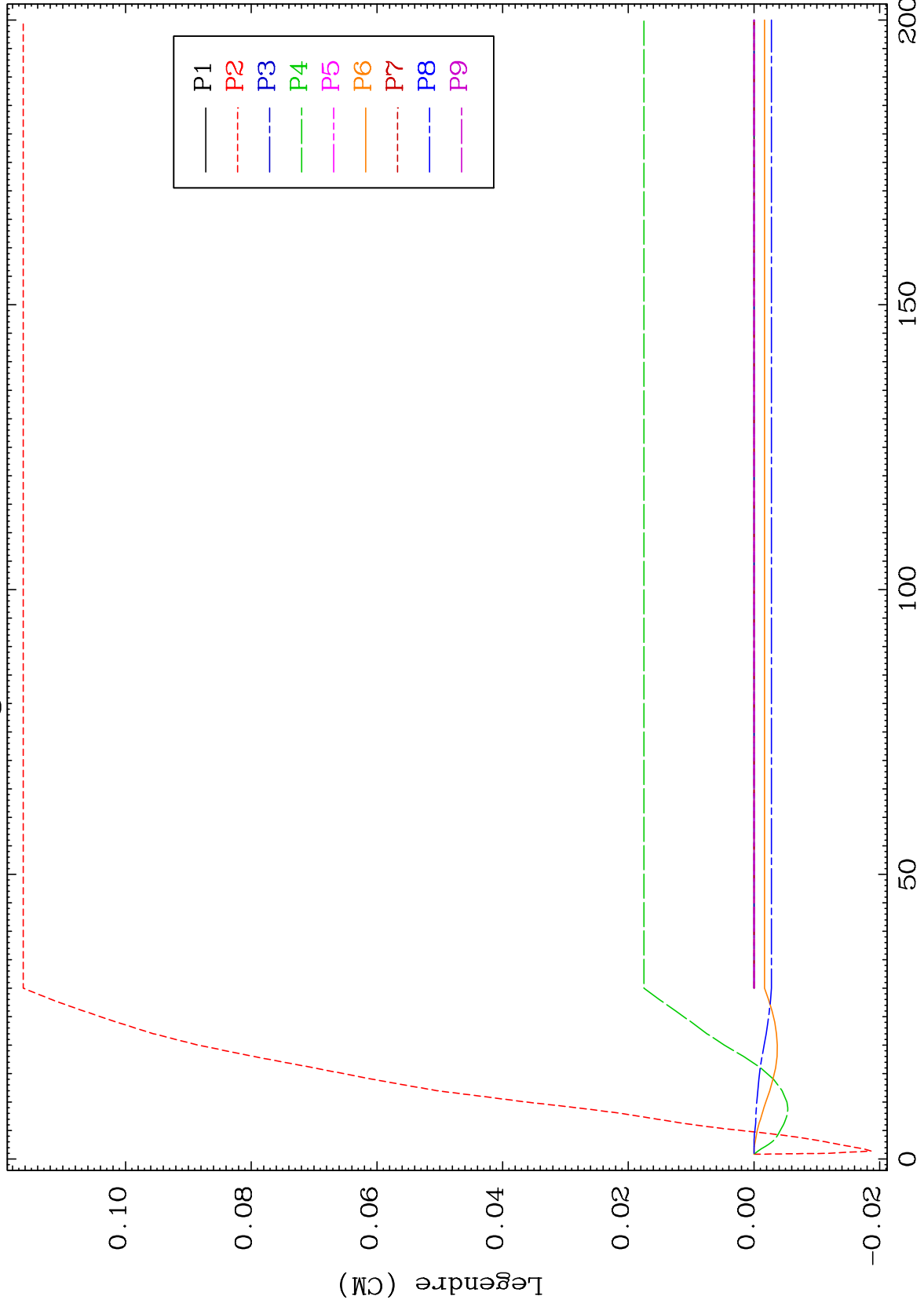


94 71-Lu-177

MAT 7131

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

71-Lu-177



95

Incident Energy (MeV)

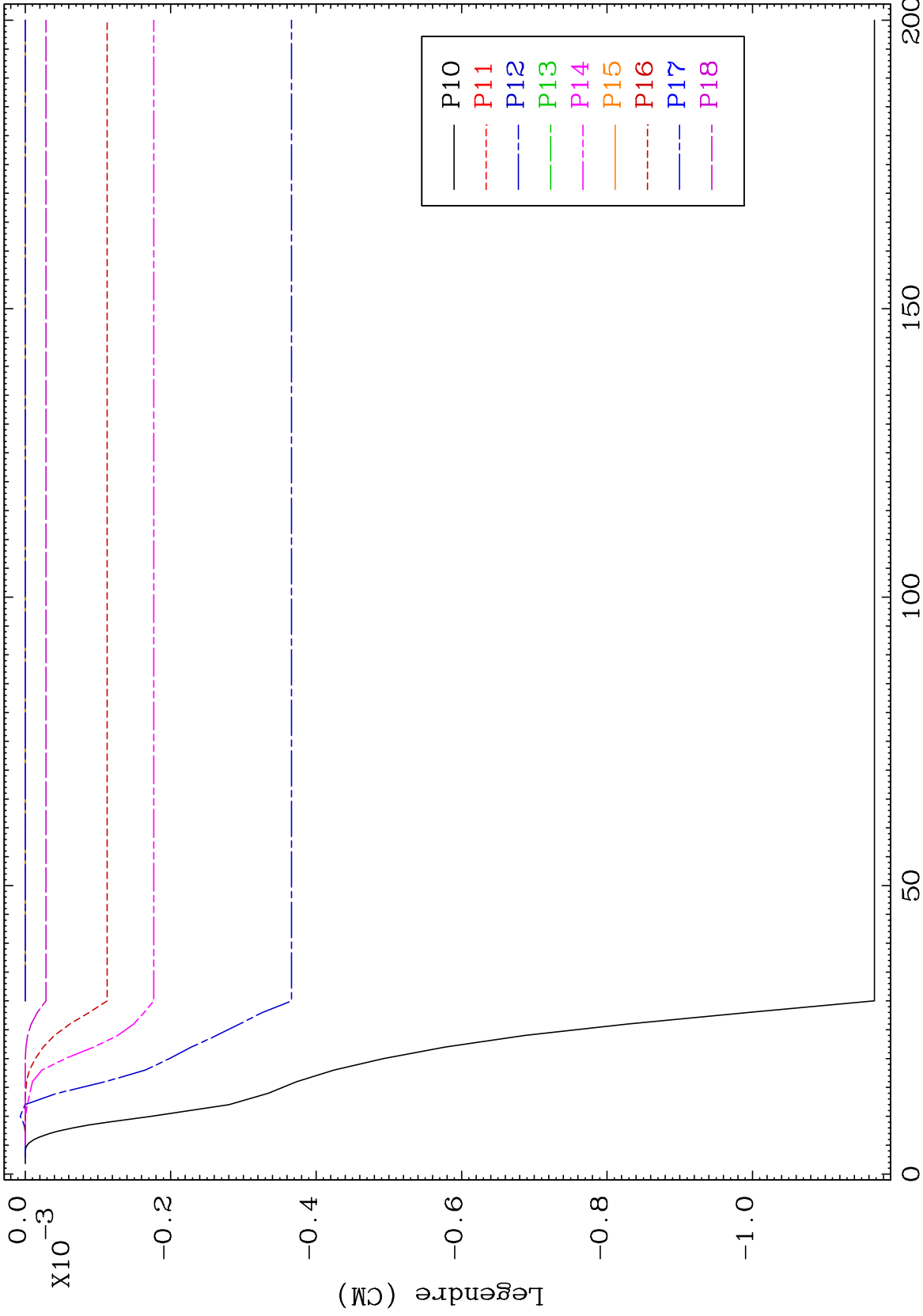
71-Lu-177



MAT 7131

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

71-Lu-177



96

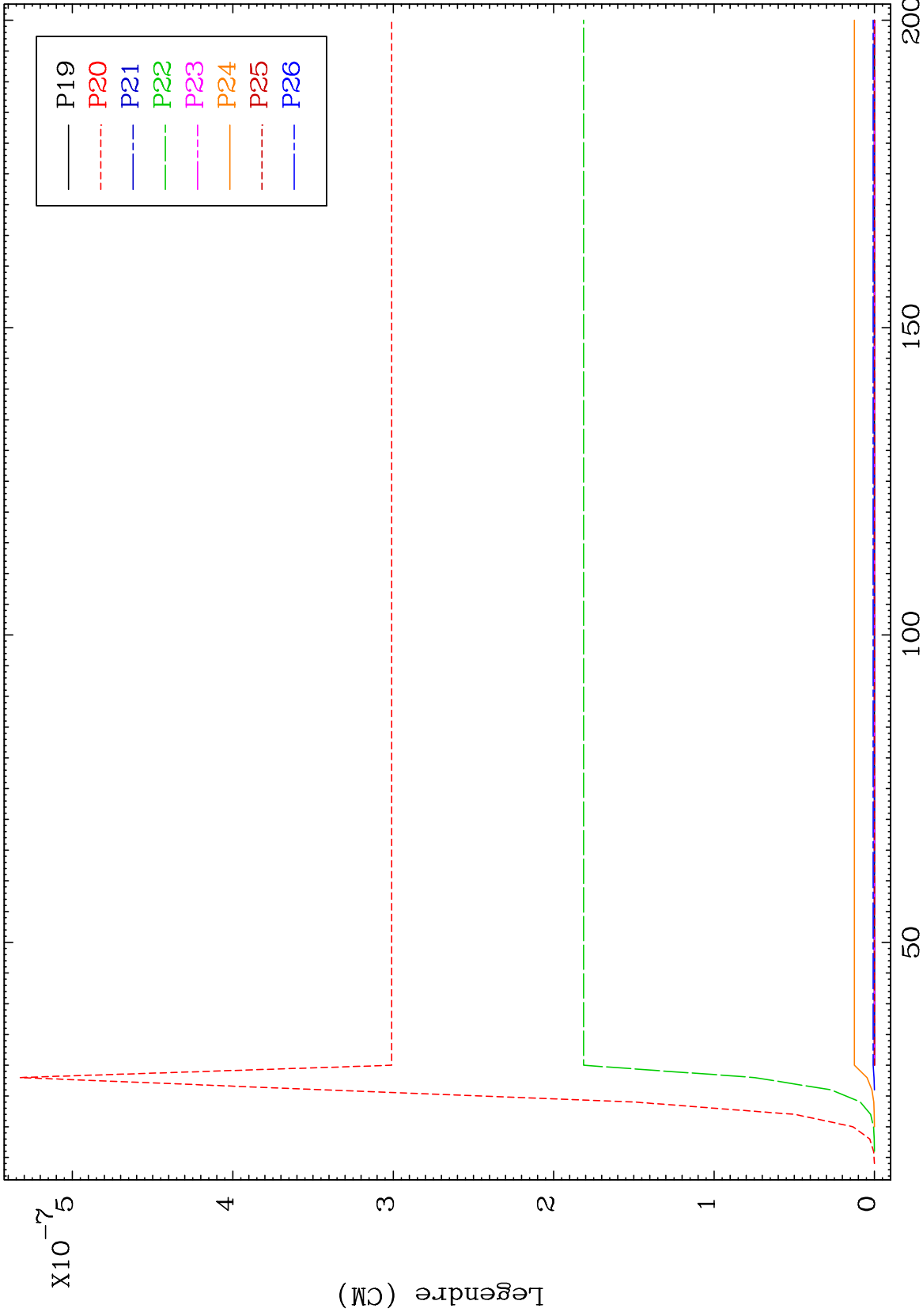
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



97

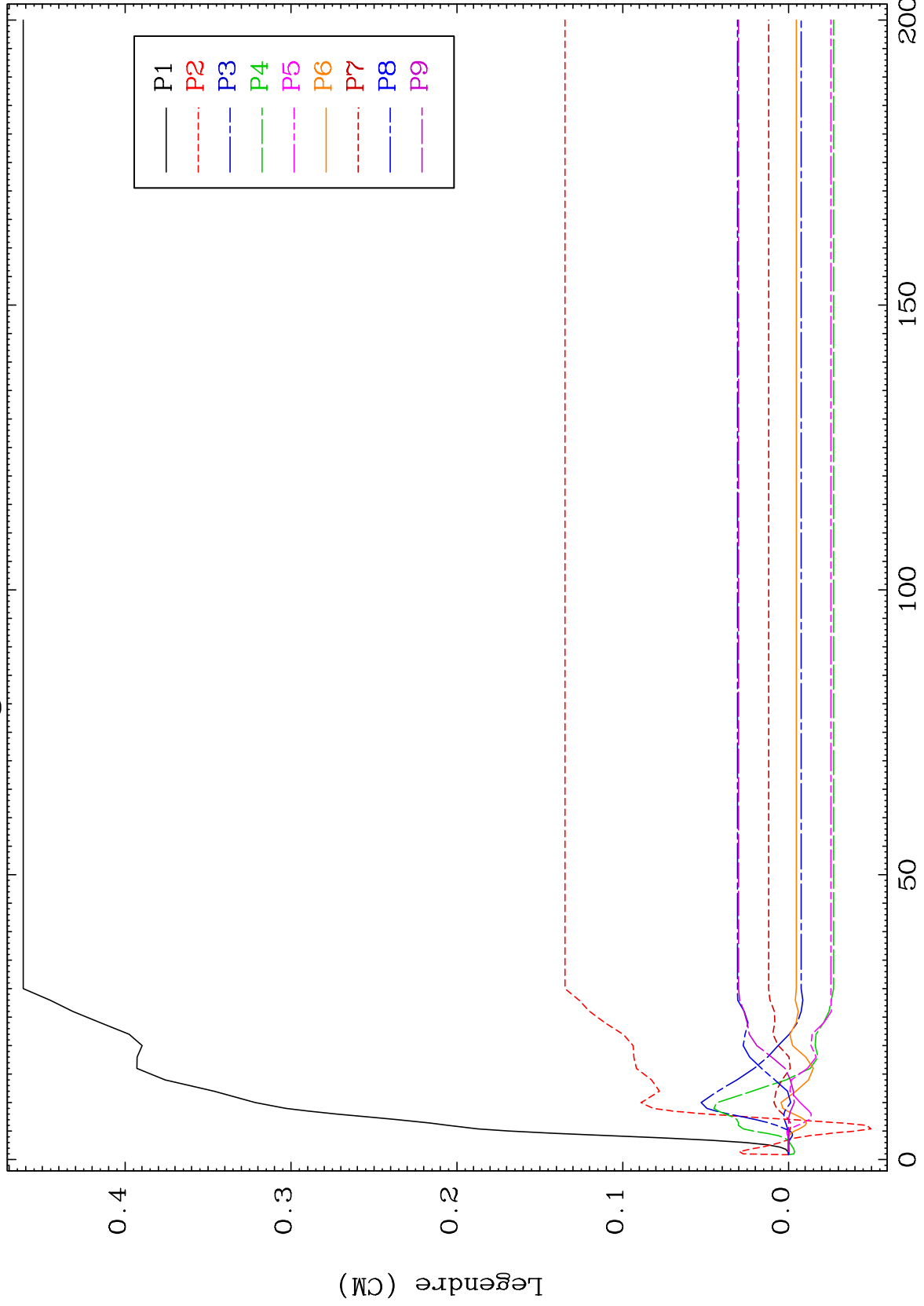
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



98

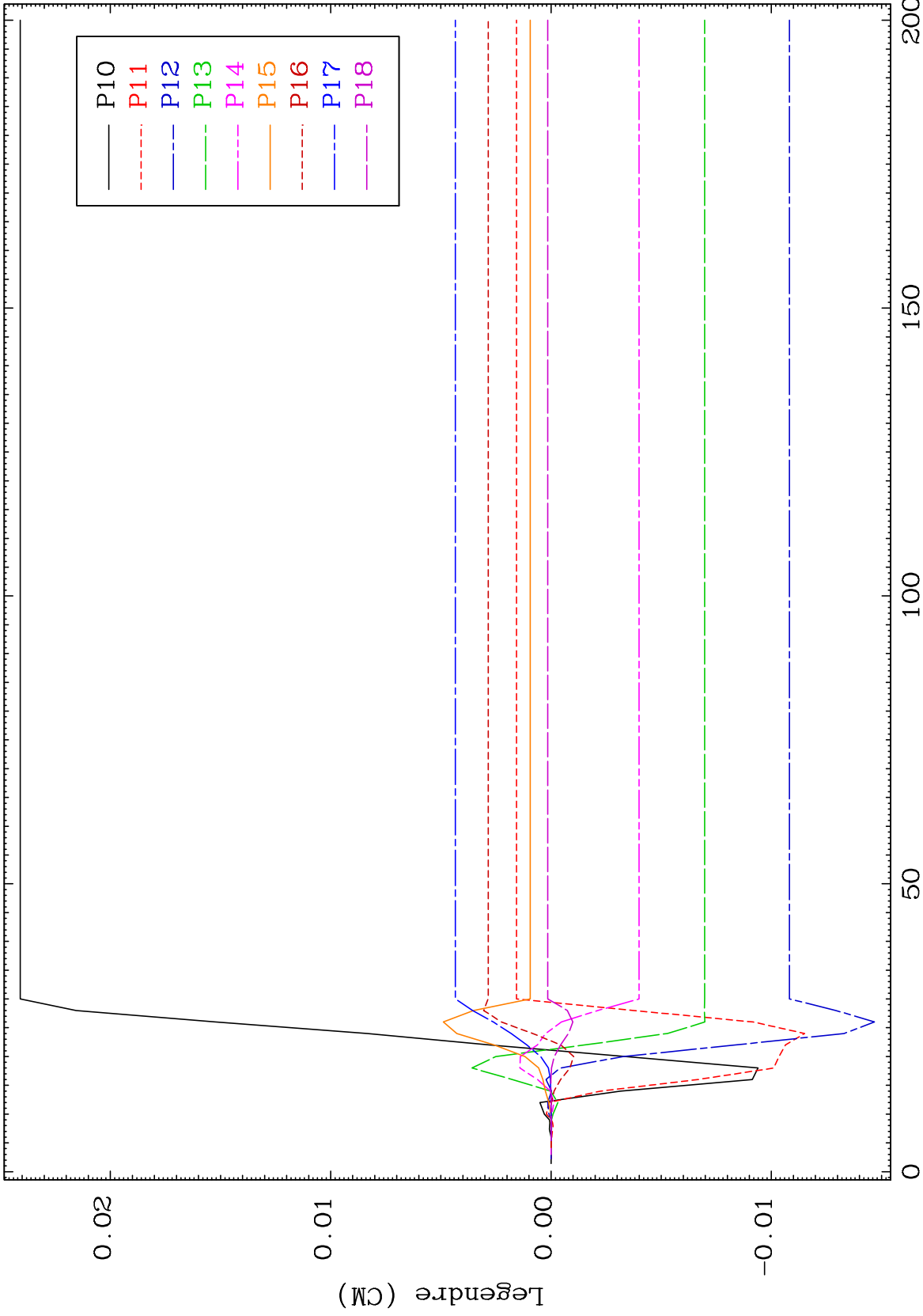
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



99

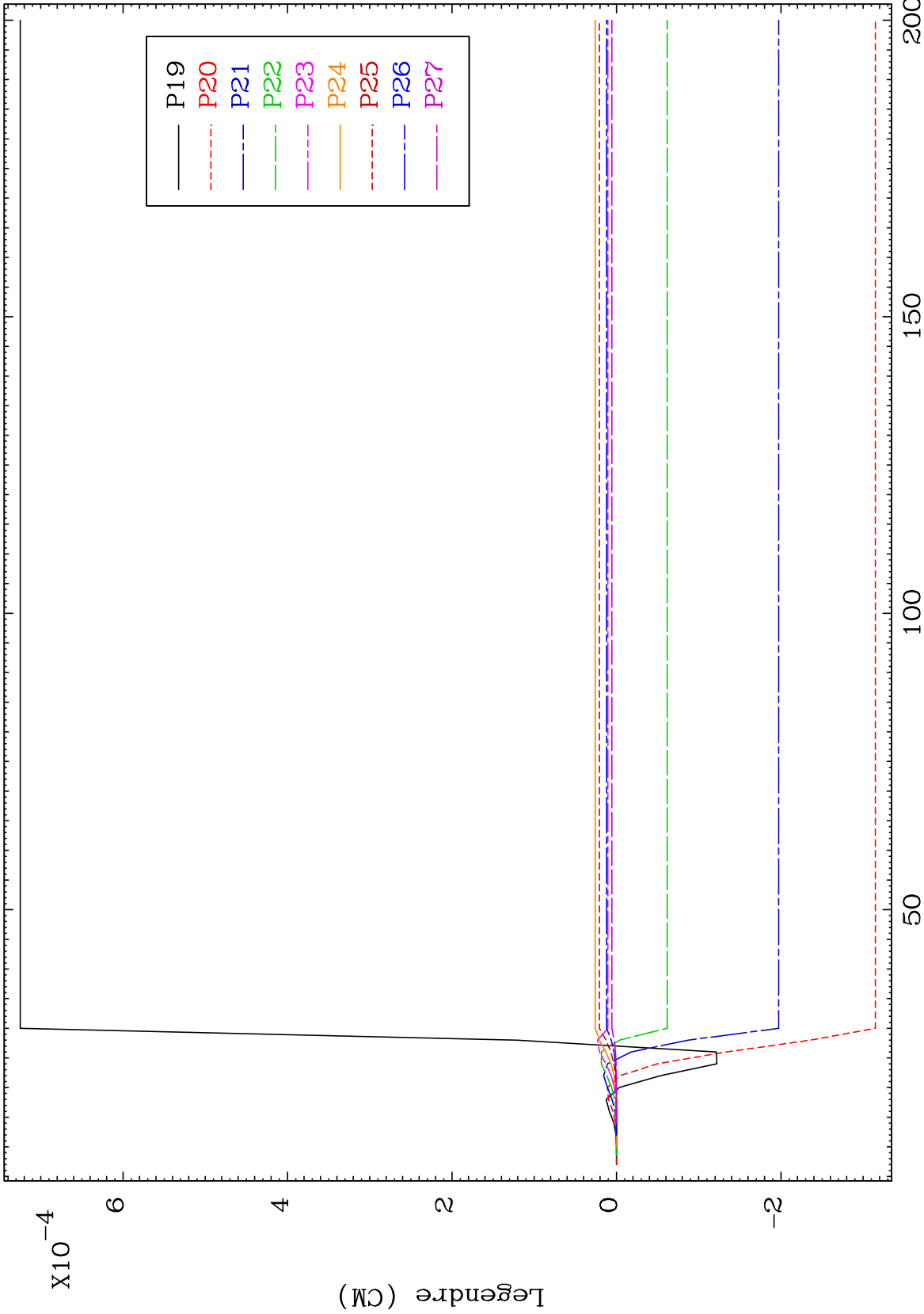
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

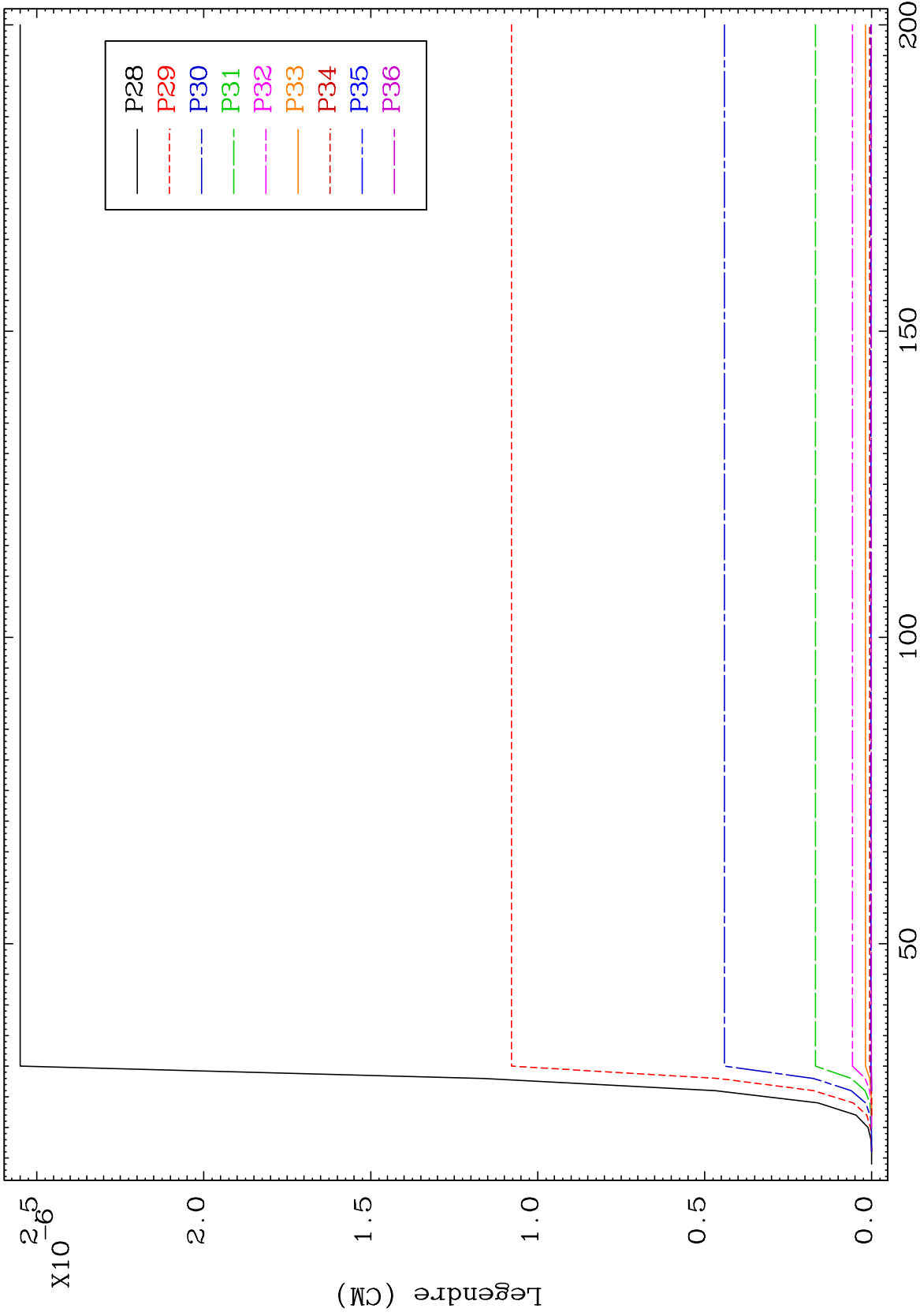
Incident Energy (MeV)

100

MAT 7131

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

71-Lu-177



101

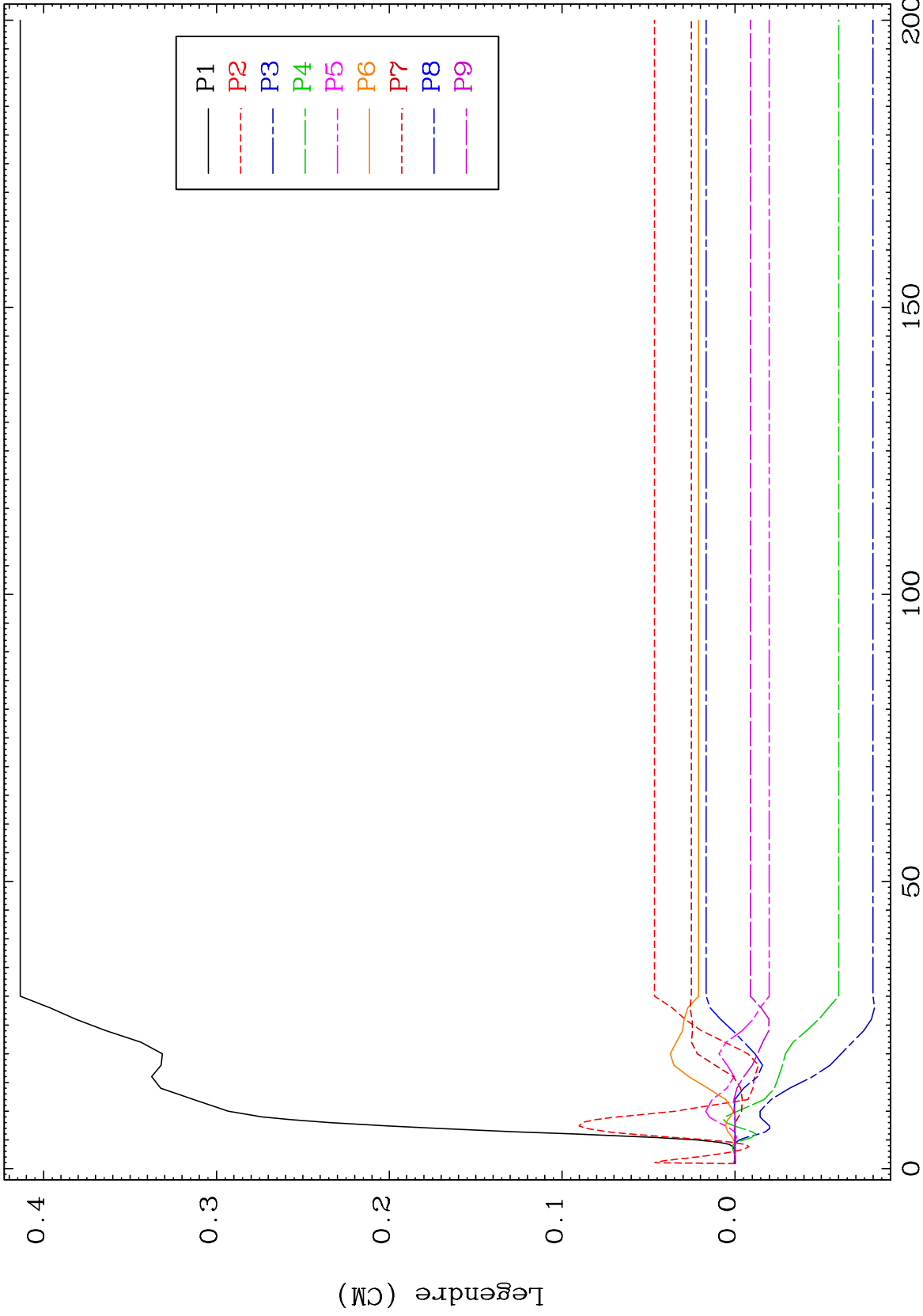
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



102

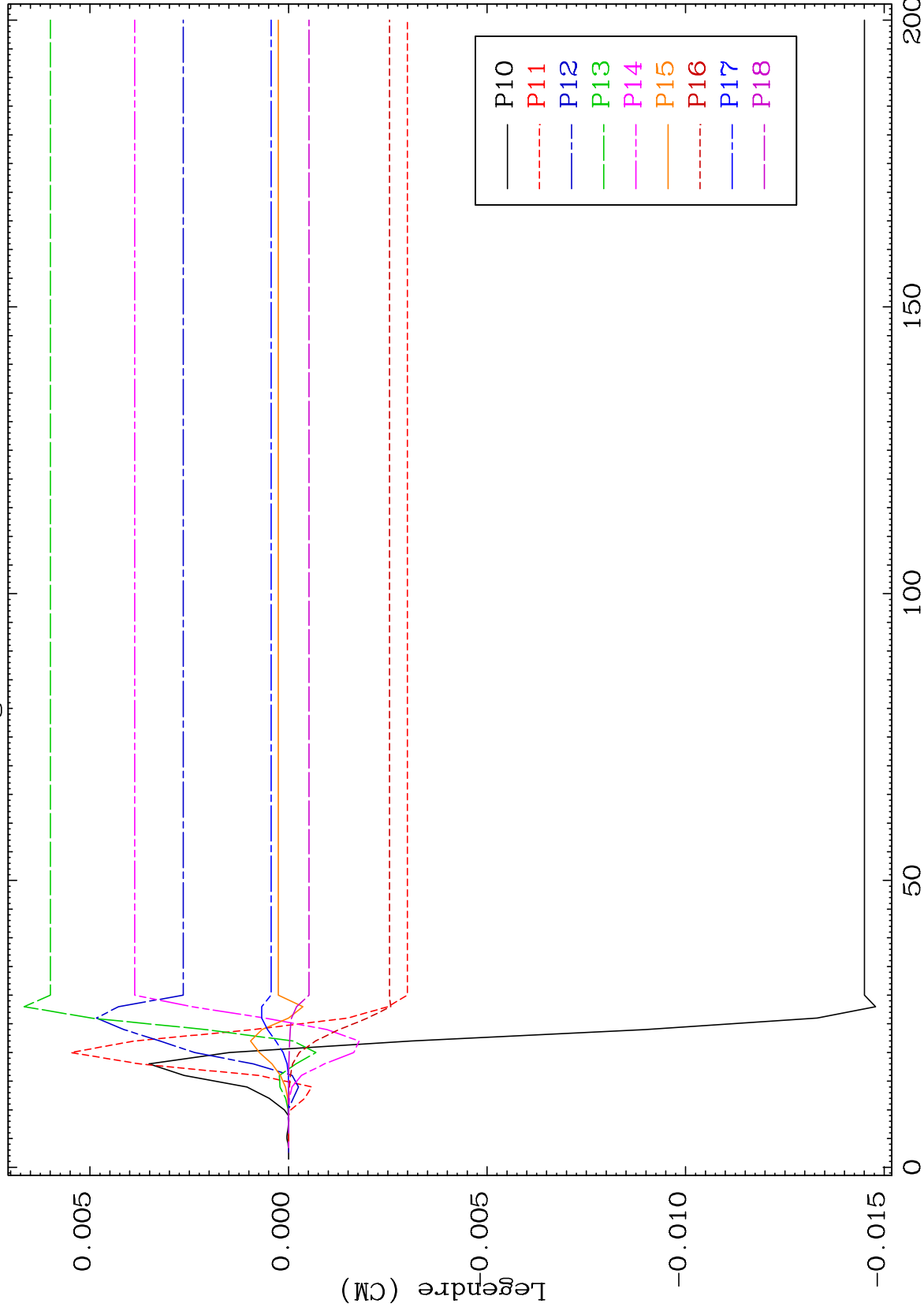
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



103

Incident Energy (MeV)

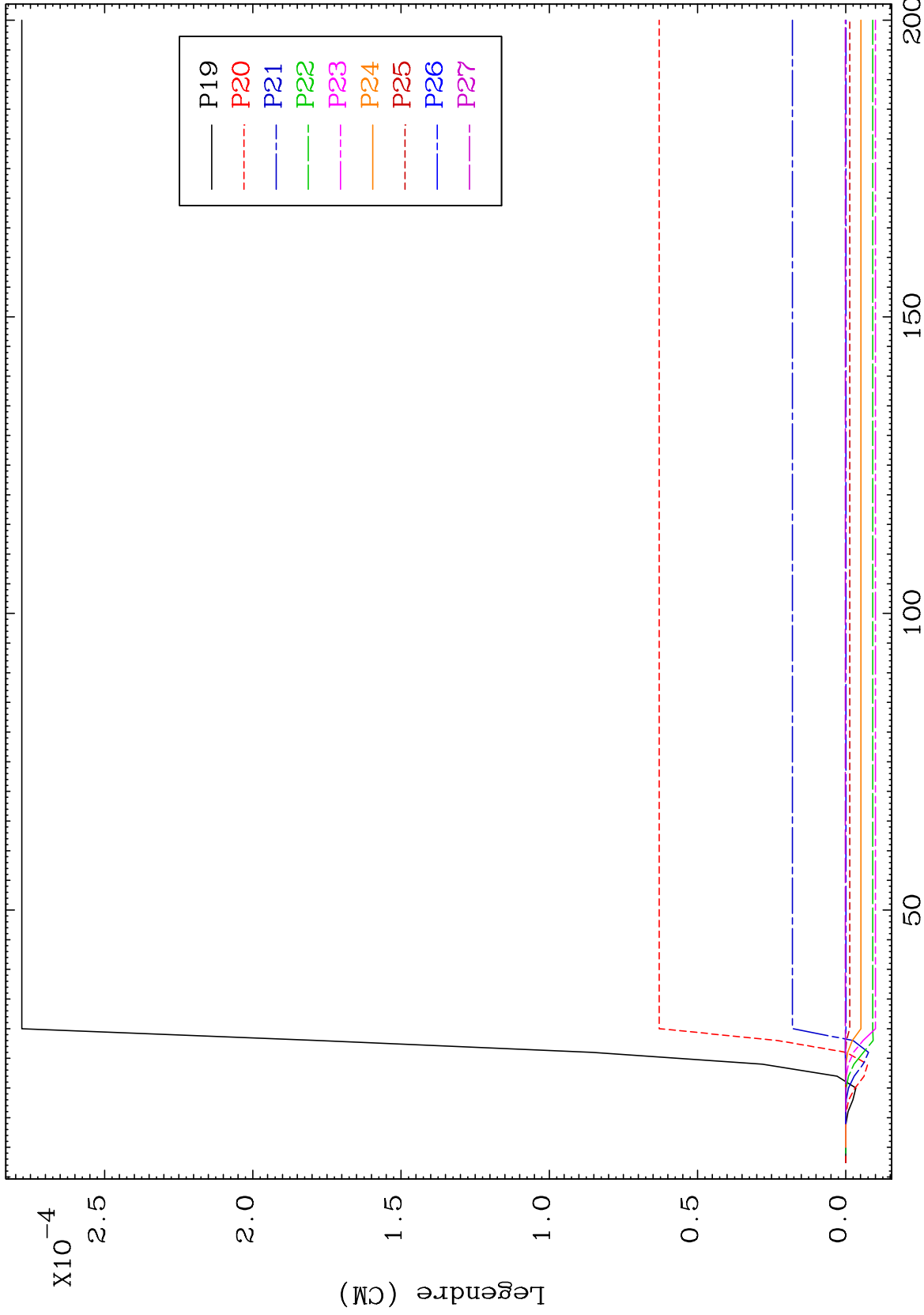
71-Lu-177



MAT 7131

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

71-Lu-177



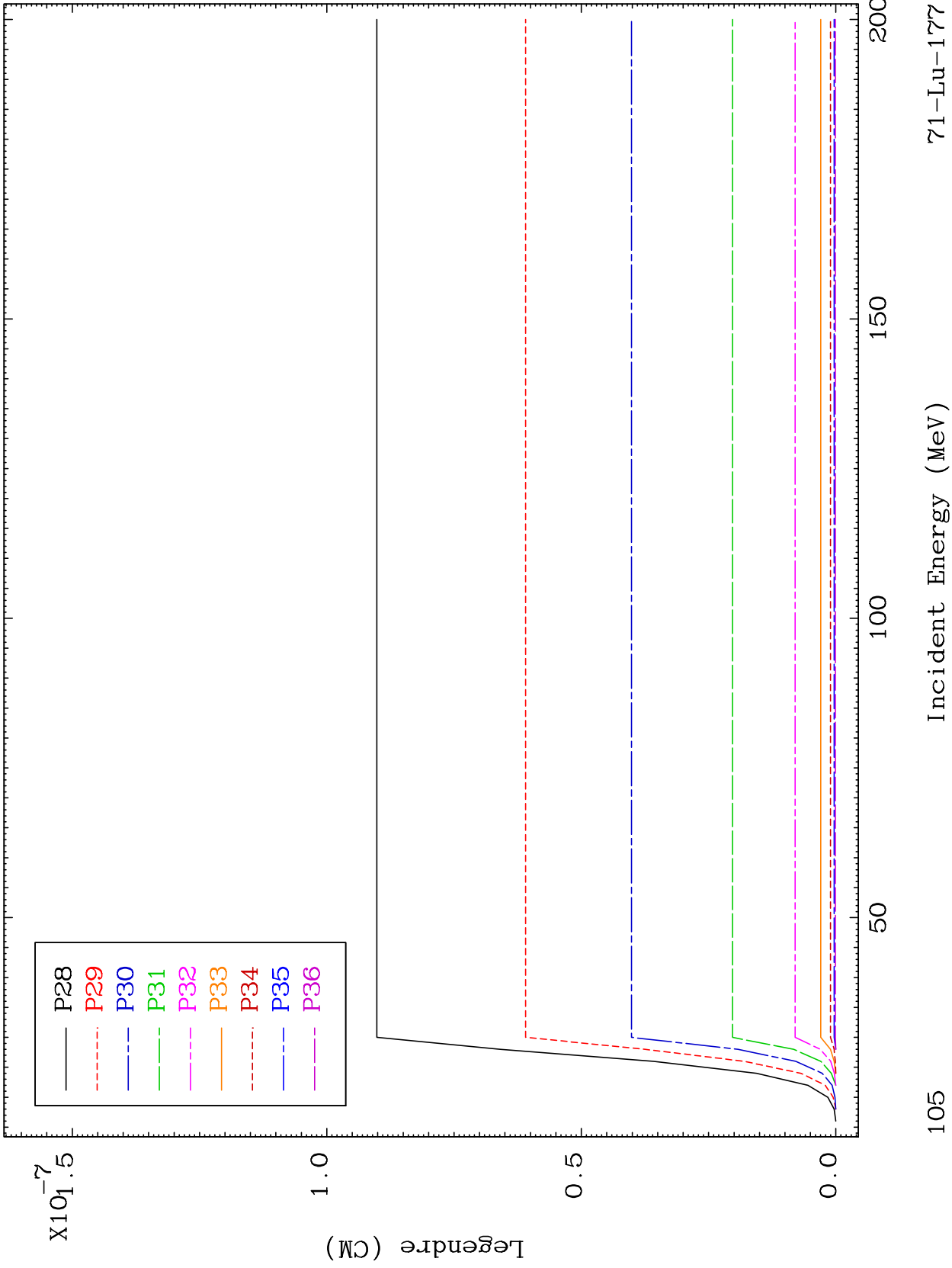
104

71-Lu-177

MAT 7131

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

71-Lu-177



105

50

100

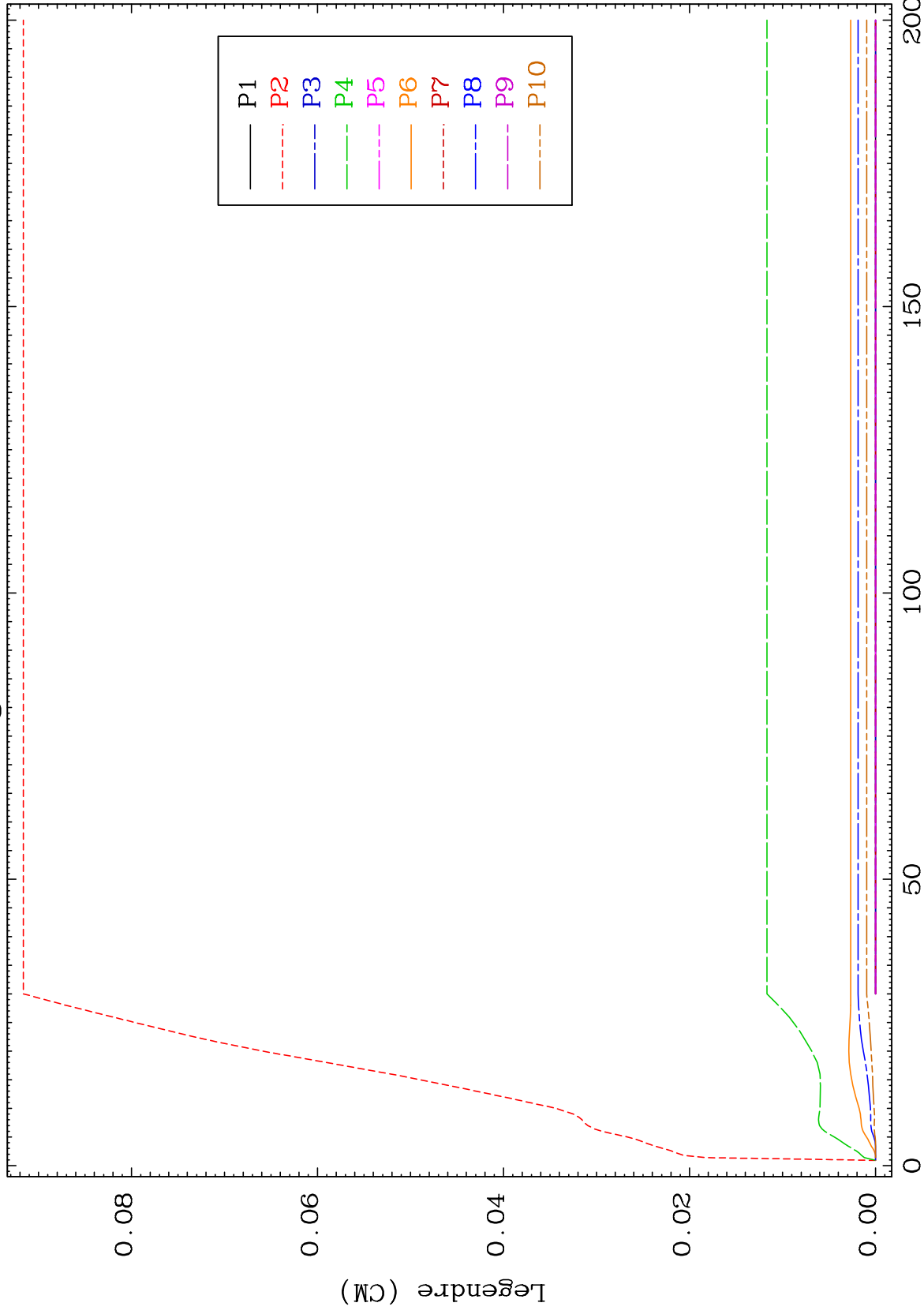
150

200

MAT 7131

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

71-Lu-177



71-Lu-177

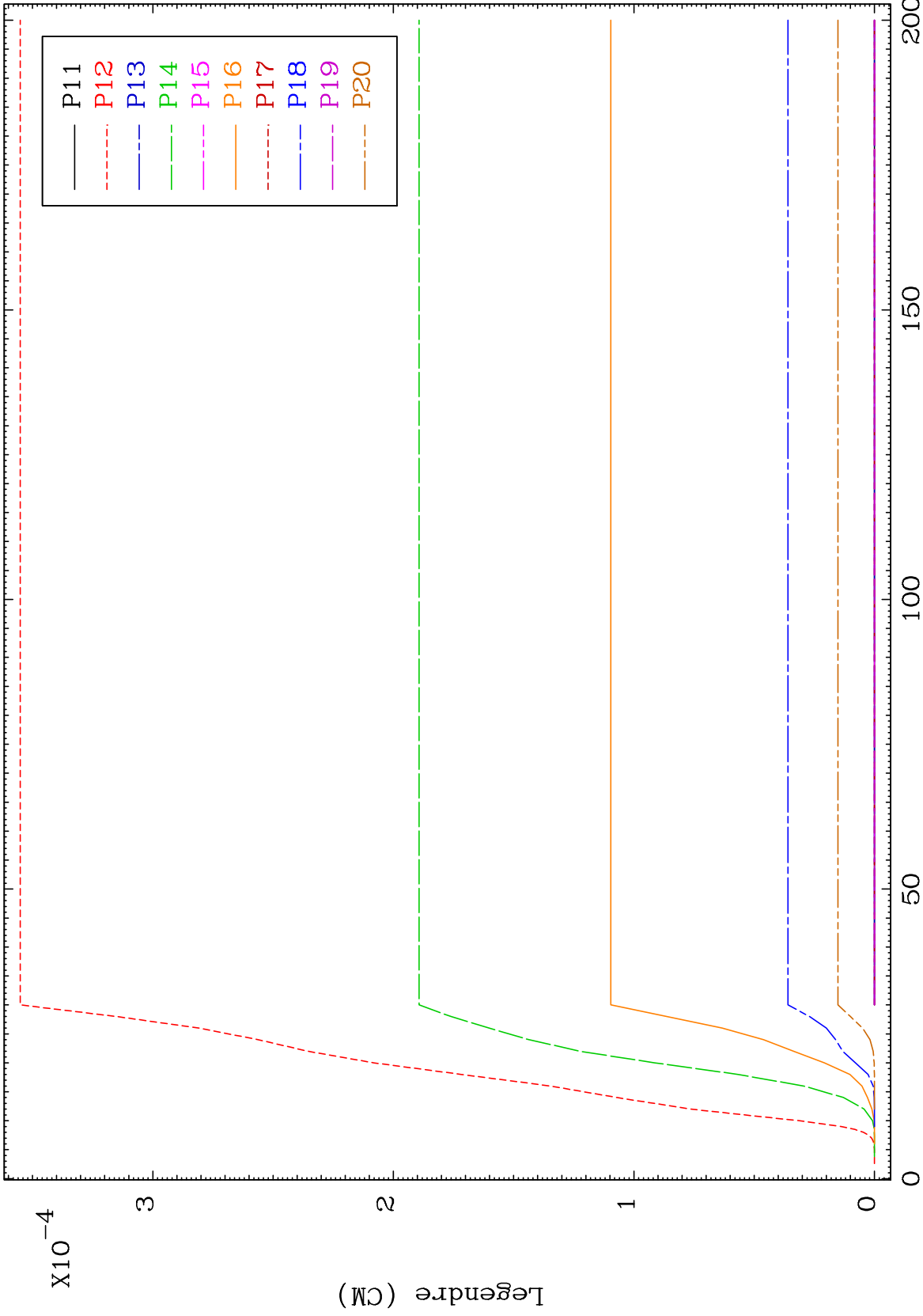
Incident Energy (MeV)

106

MAT 7131

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

71-Lu-177



107

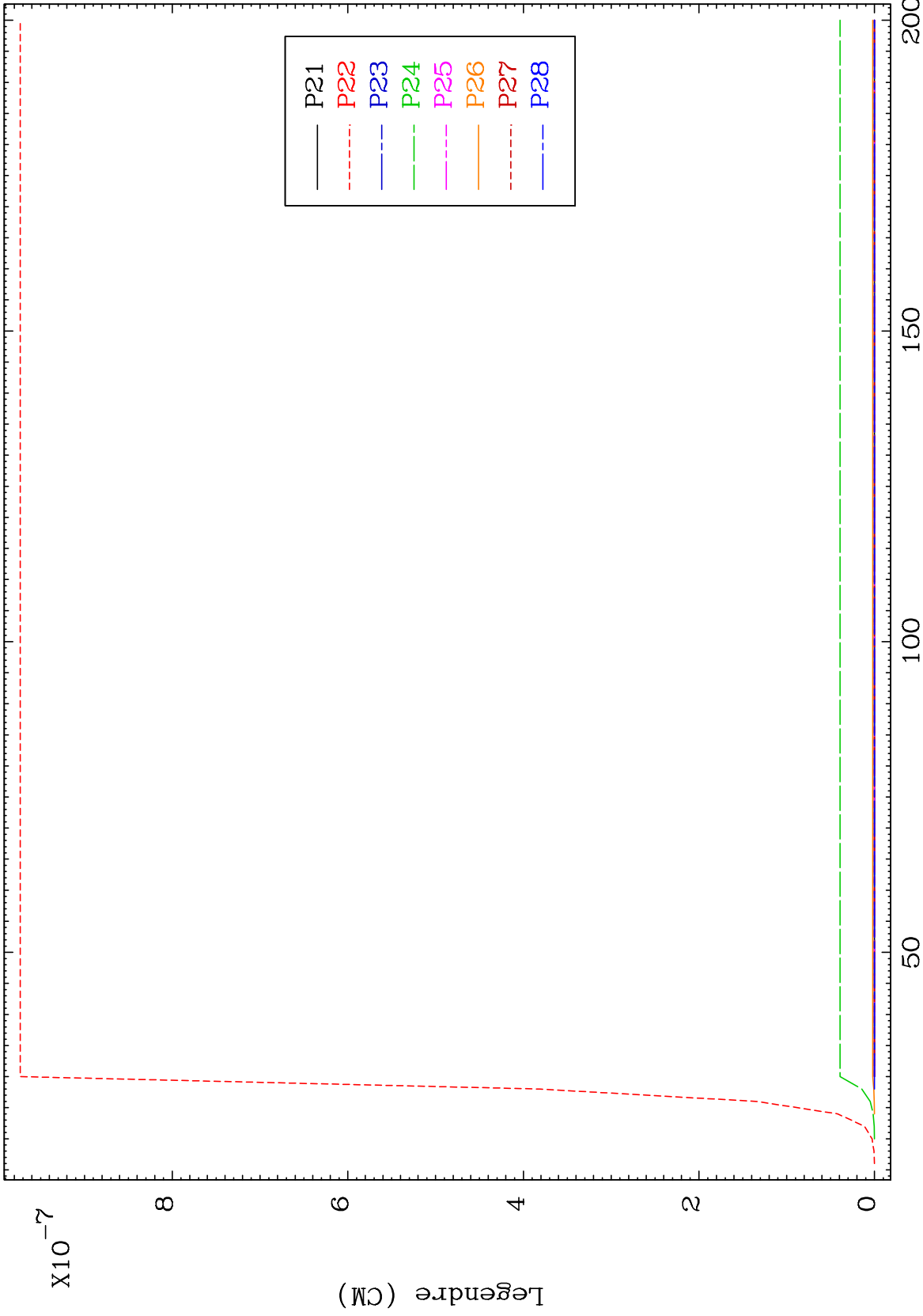
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



108

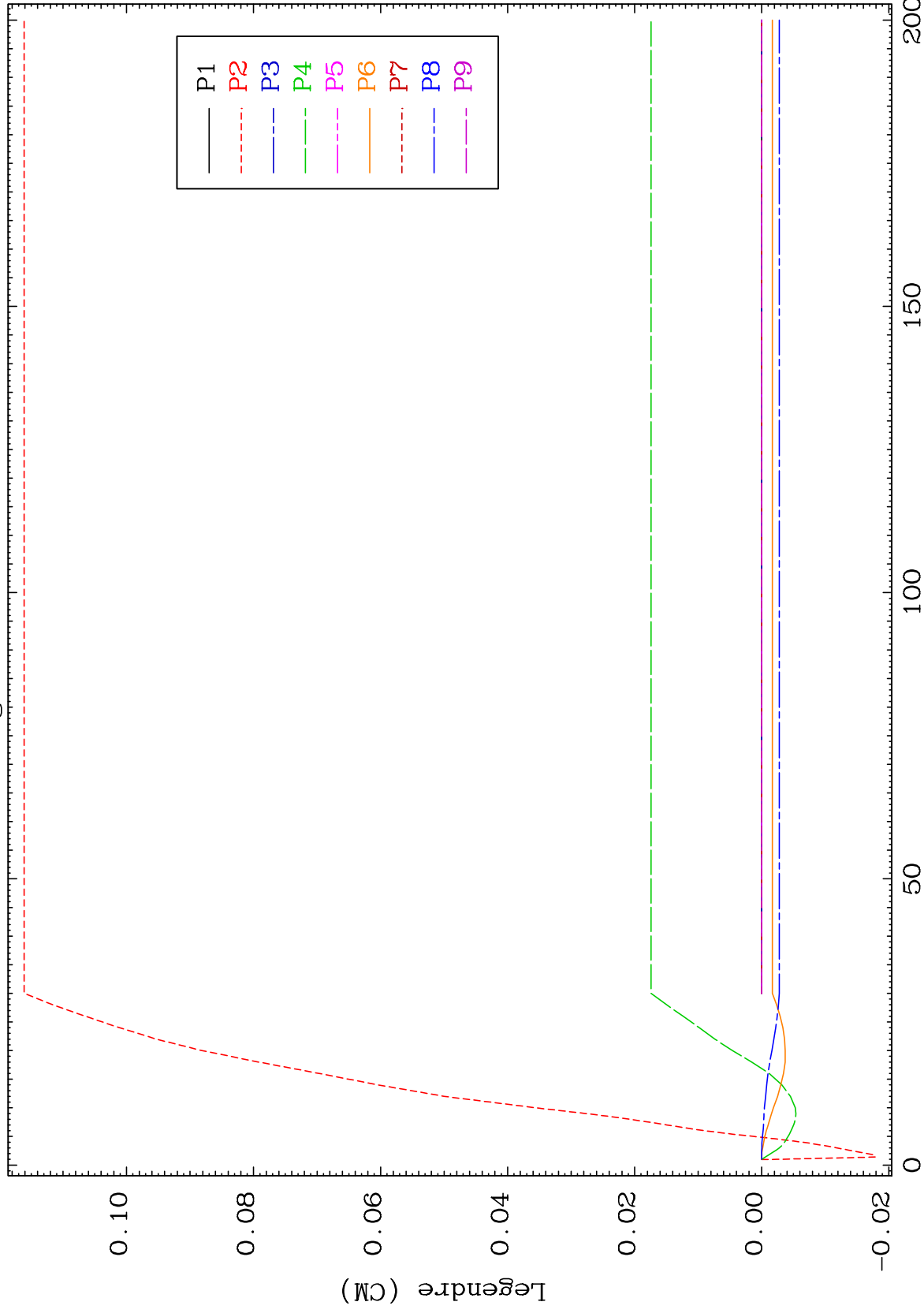
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

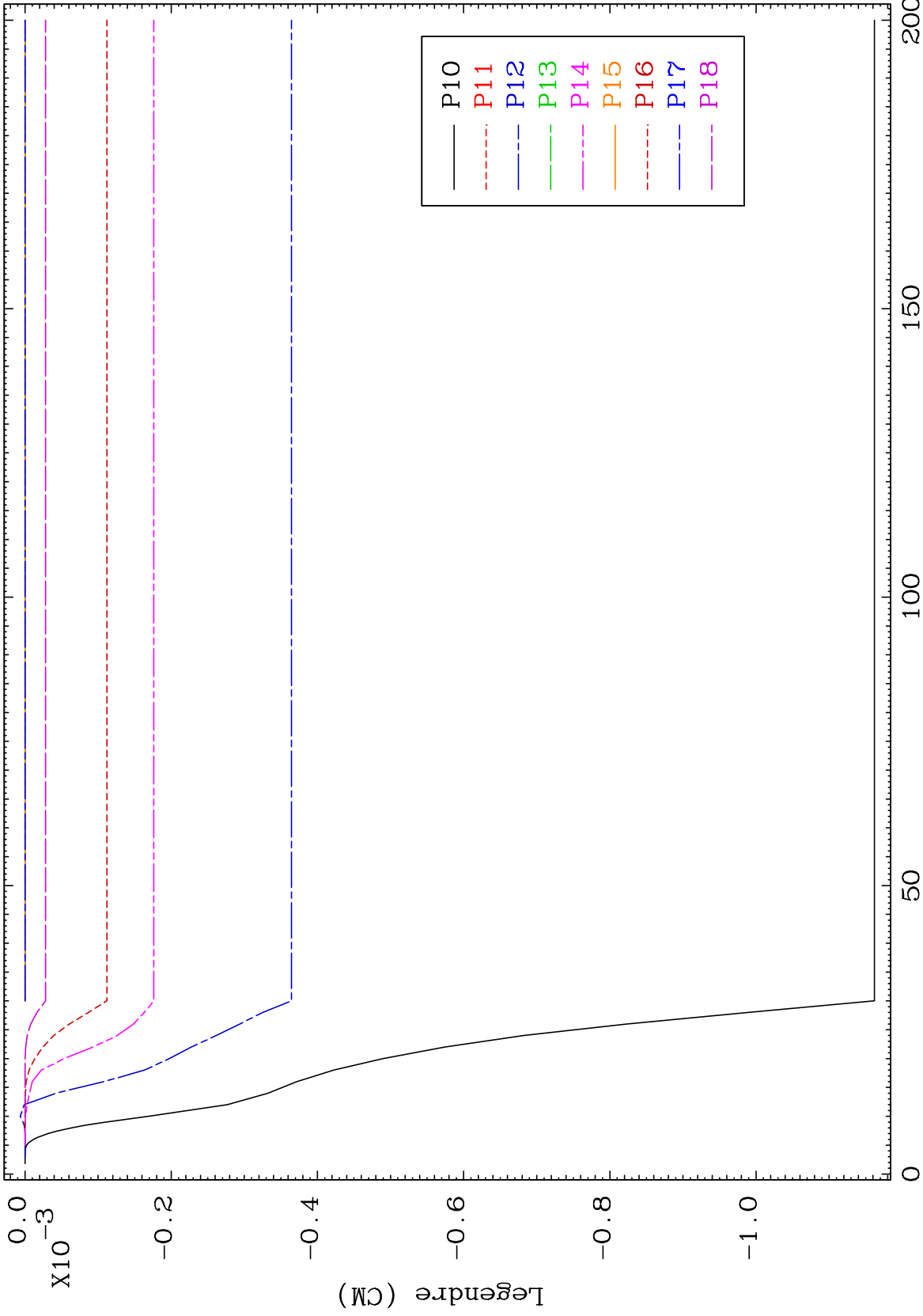
Incident Energy (MeV)

109

MAT 7131

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

71-Lu-177



71-Lu-177

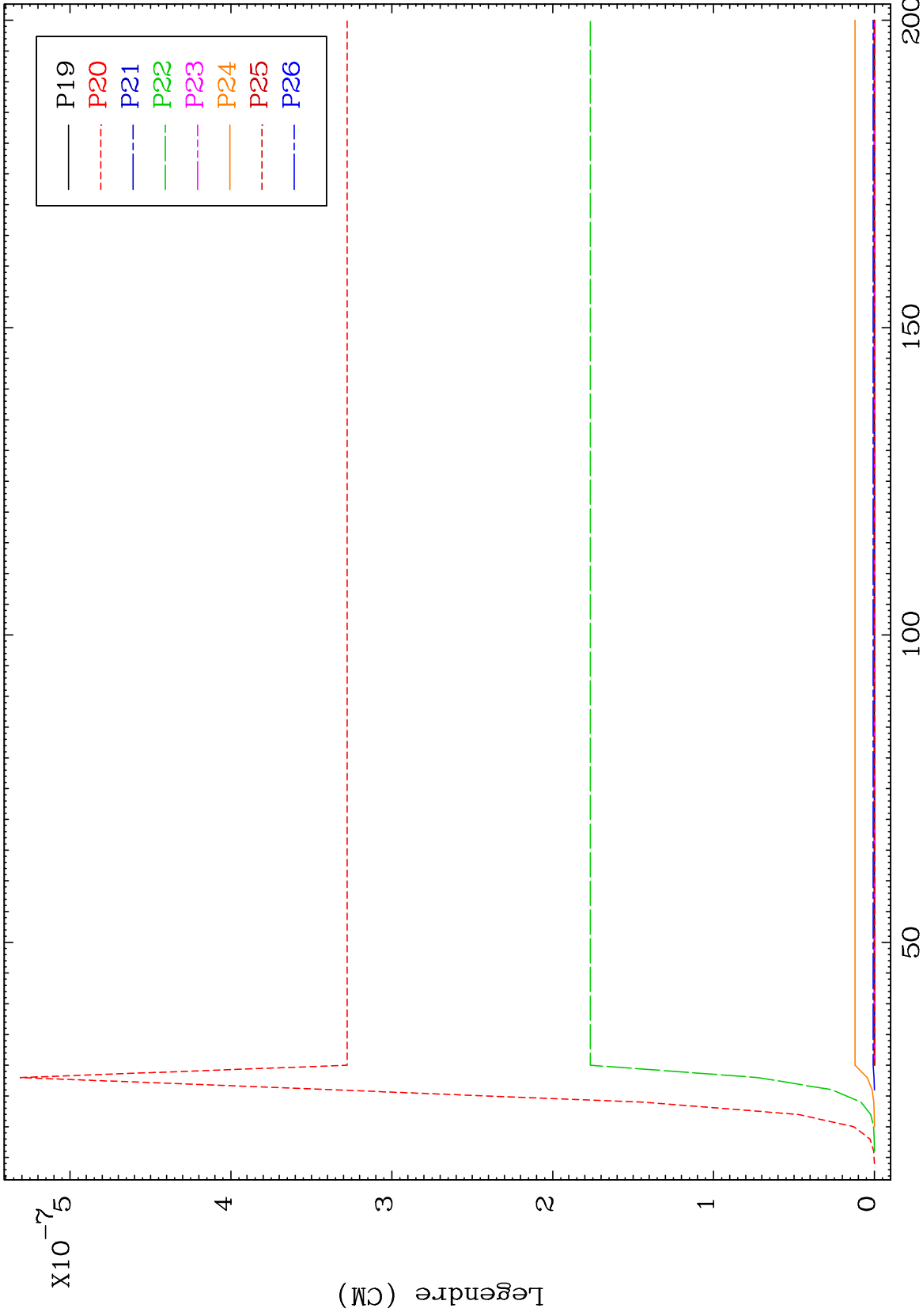
Incident Energy (MeV)

110

MAT 7131

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

71-Lu-177



111

Incident Energy (MeV)

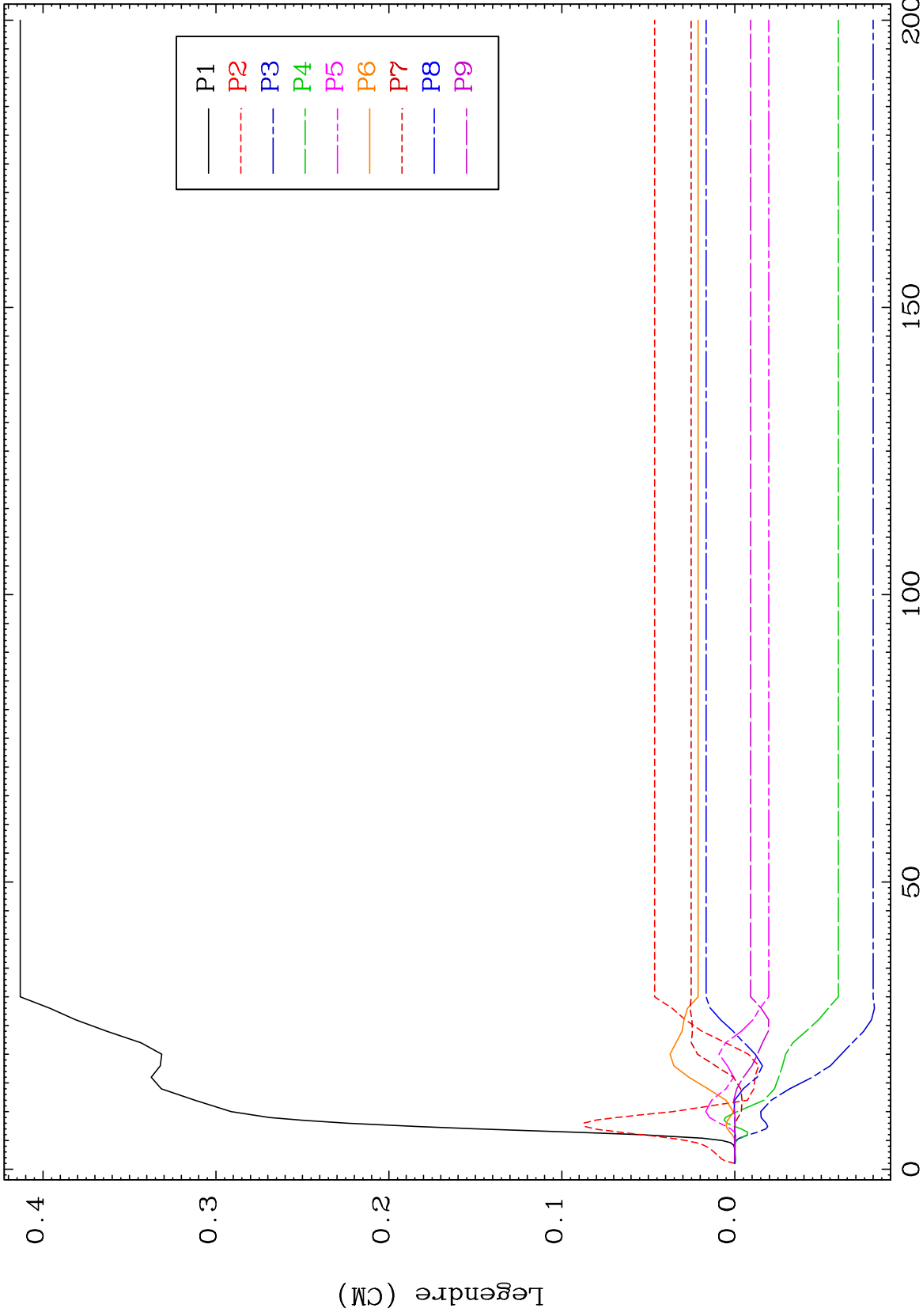
71-Lu-177



MAT 7131

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

71-Lu-177



71-Lu-177

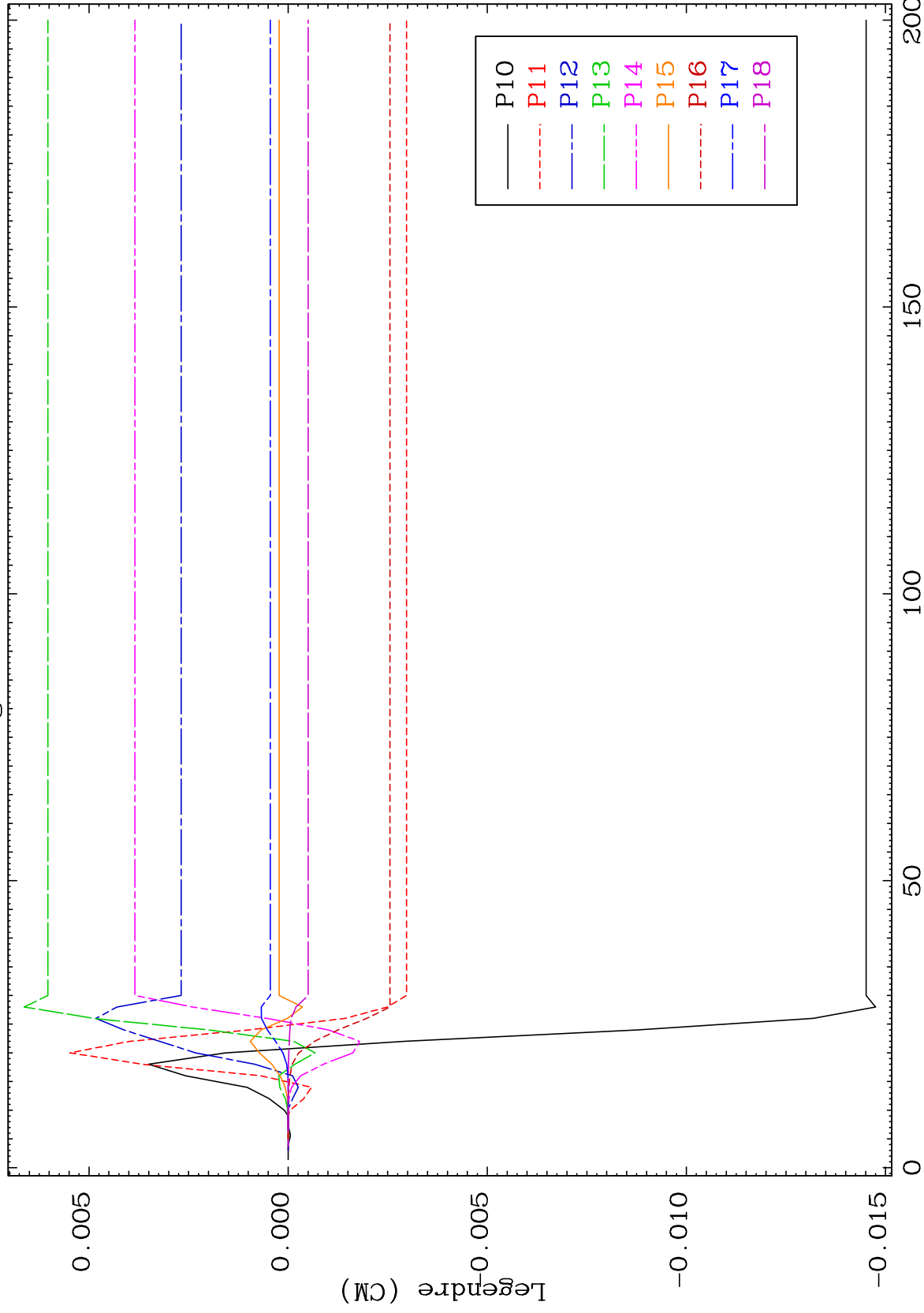
Incident Energy (MeV)

112

MAT 7131

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

71-Lu-177



113

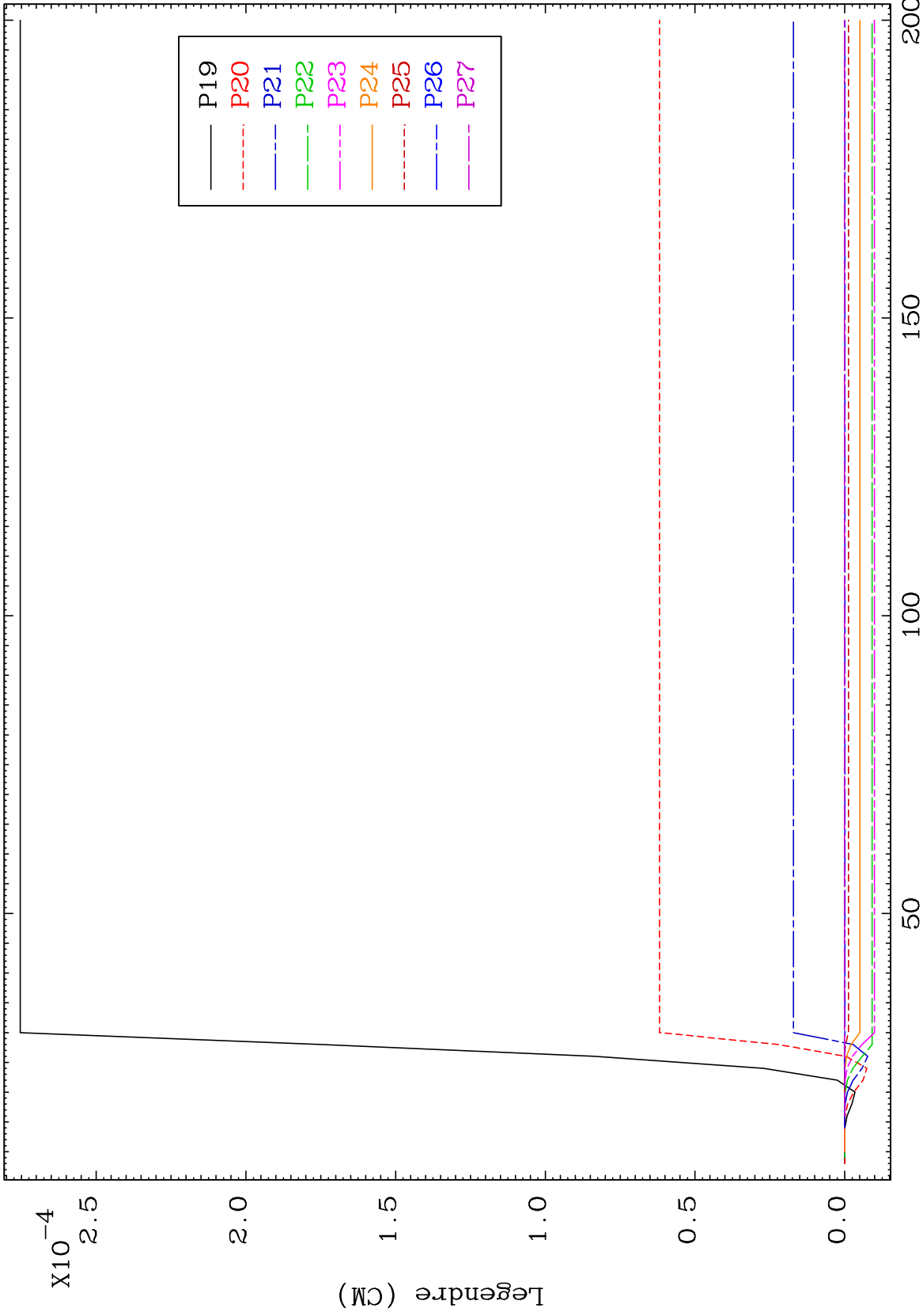
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



114

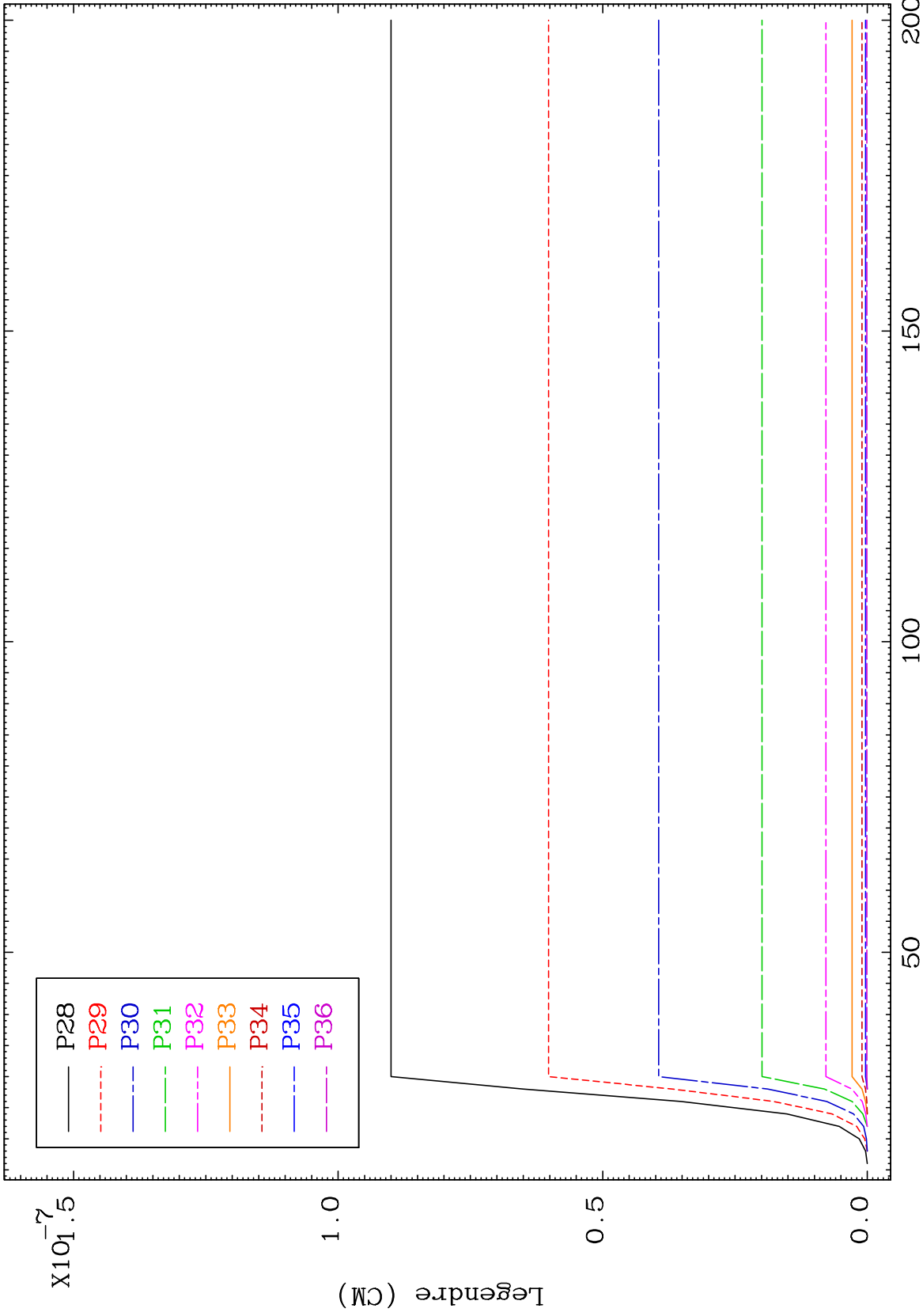
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



115

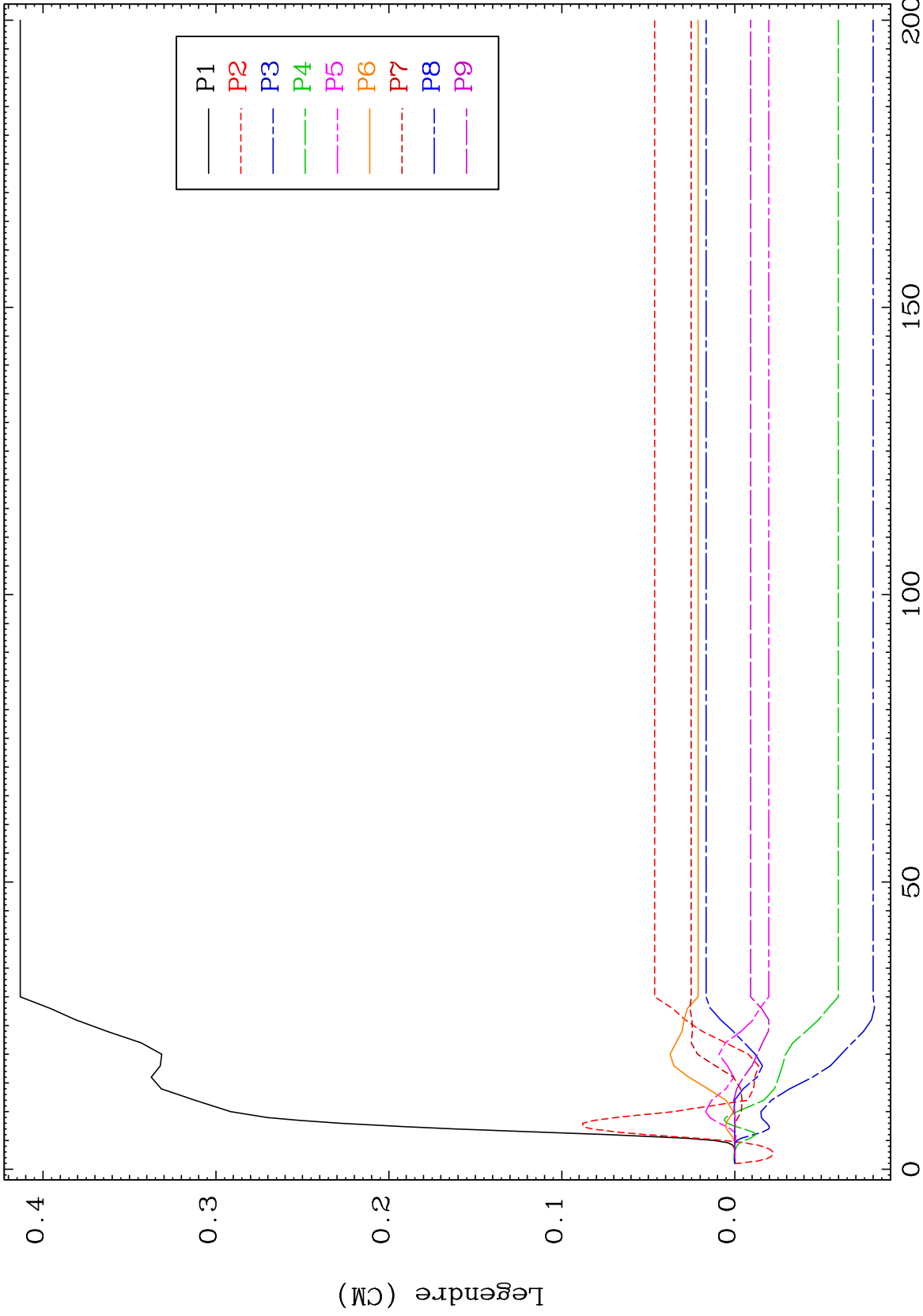
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177

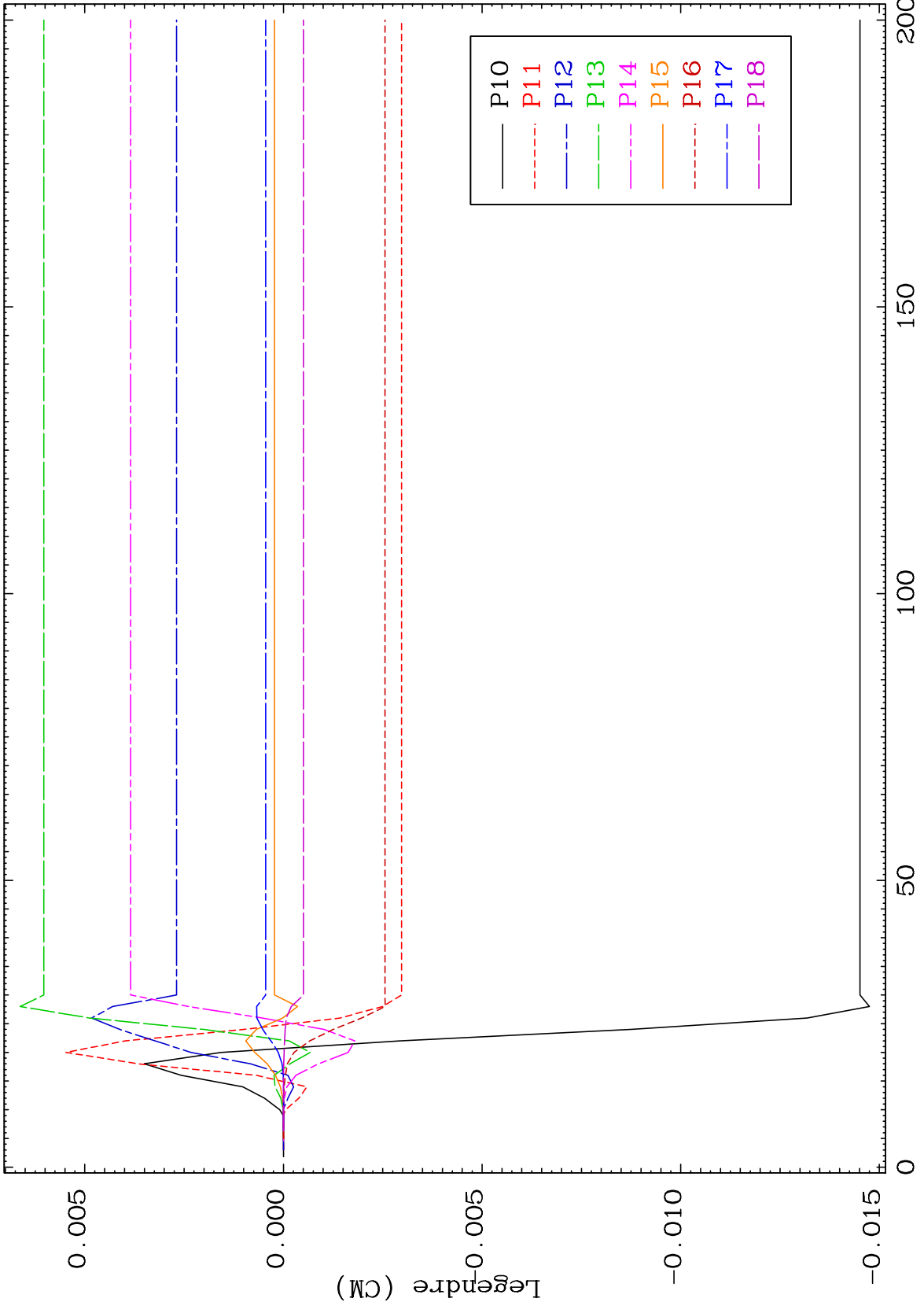


116

Incident Energy (MeV)

71-Lu-177

MAT 7131 MT= 78 (n,n') Level Legendre Coefficients 71-Lu-177

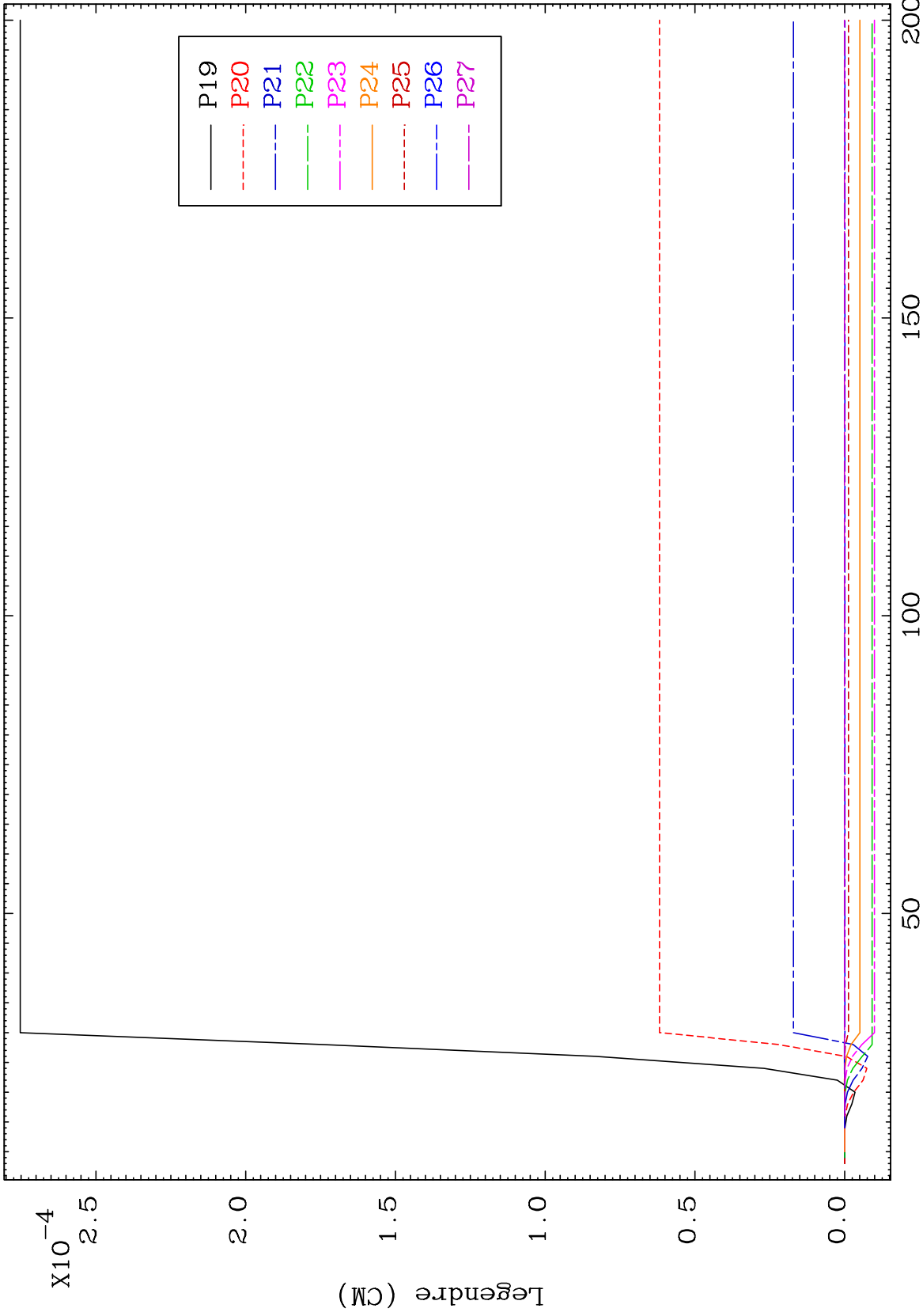


117 71-Lu-177

MAT 7131

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

71-Lu-177



118

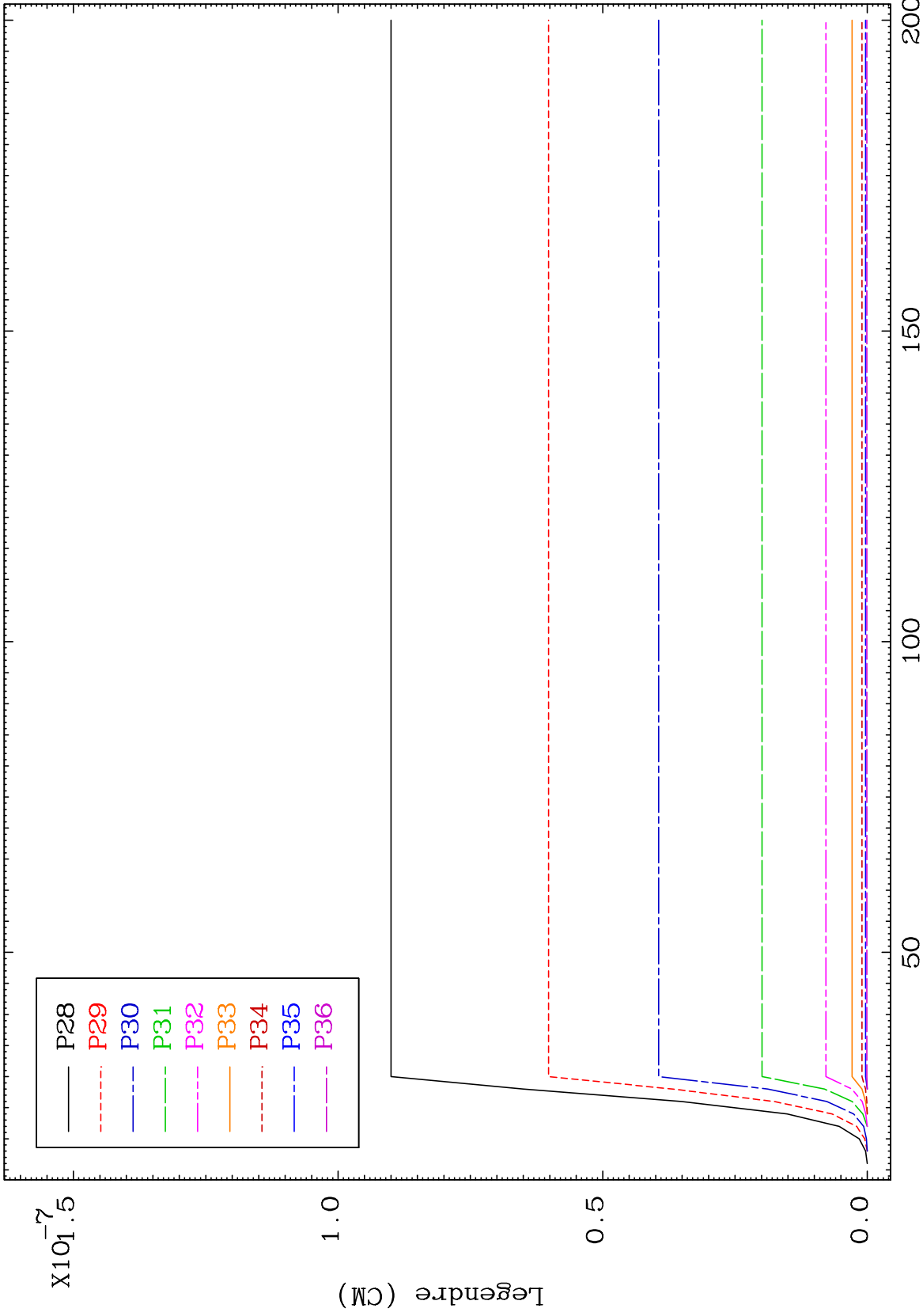
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



119

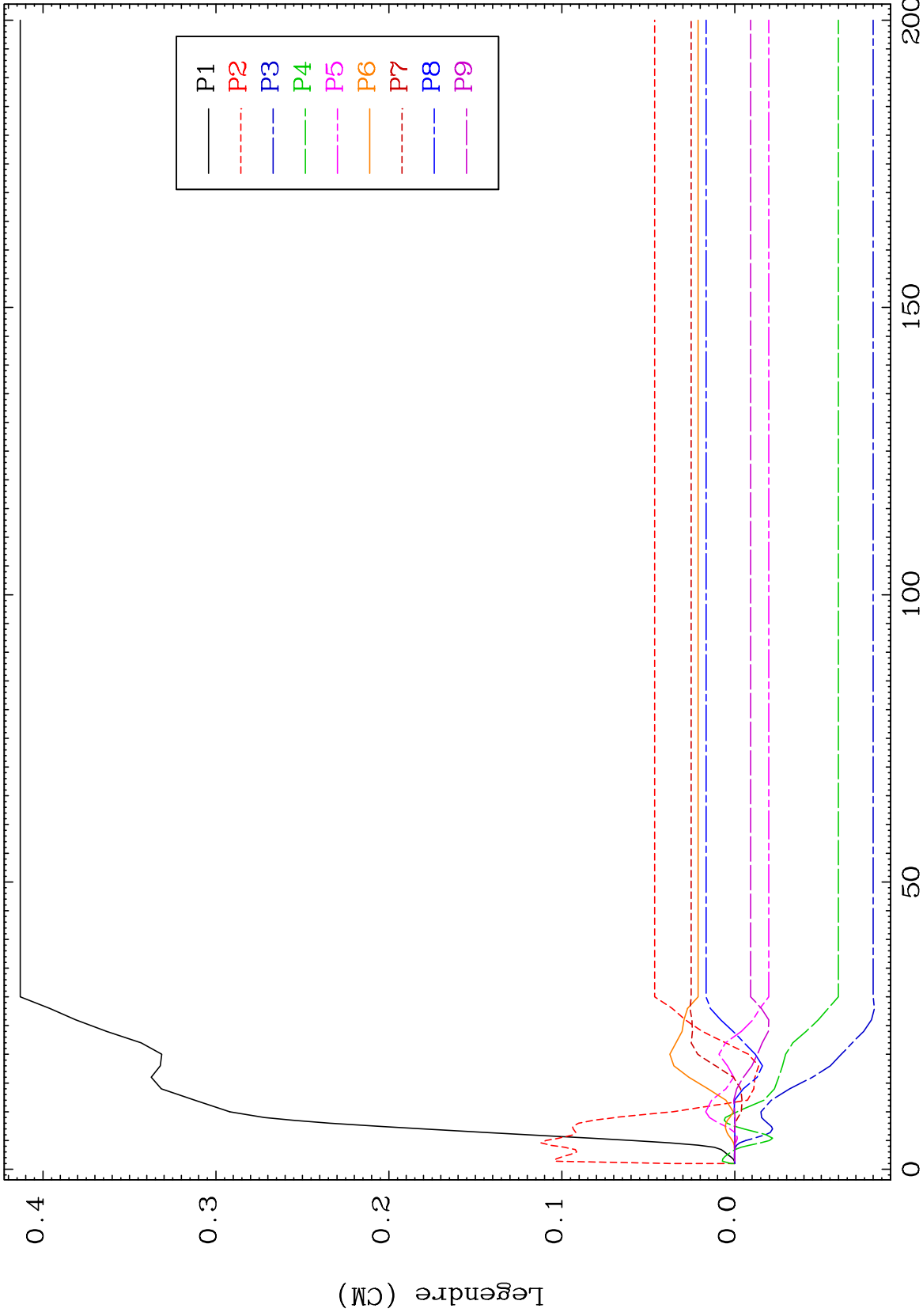
71-Lu-177



MAT 7131

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

71-Lu-177



71-Lu-177

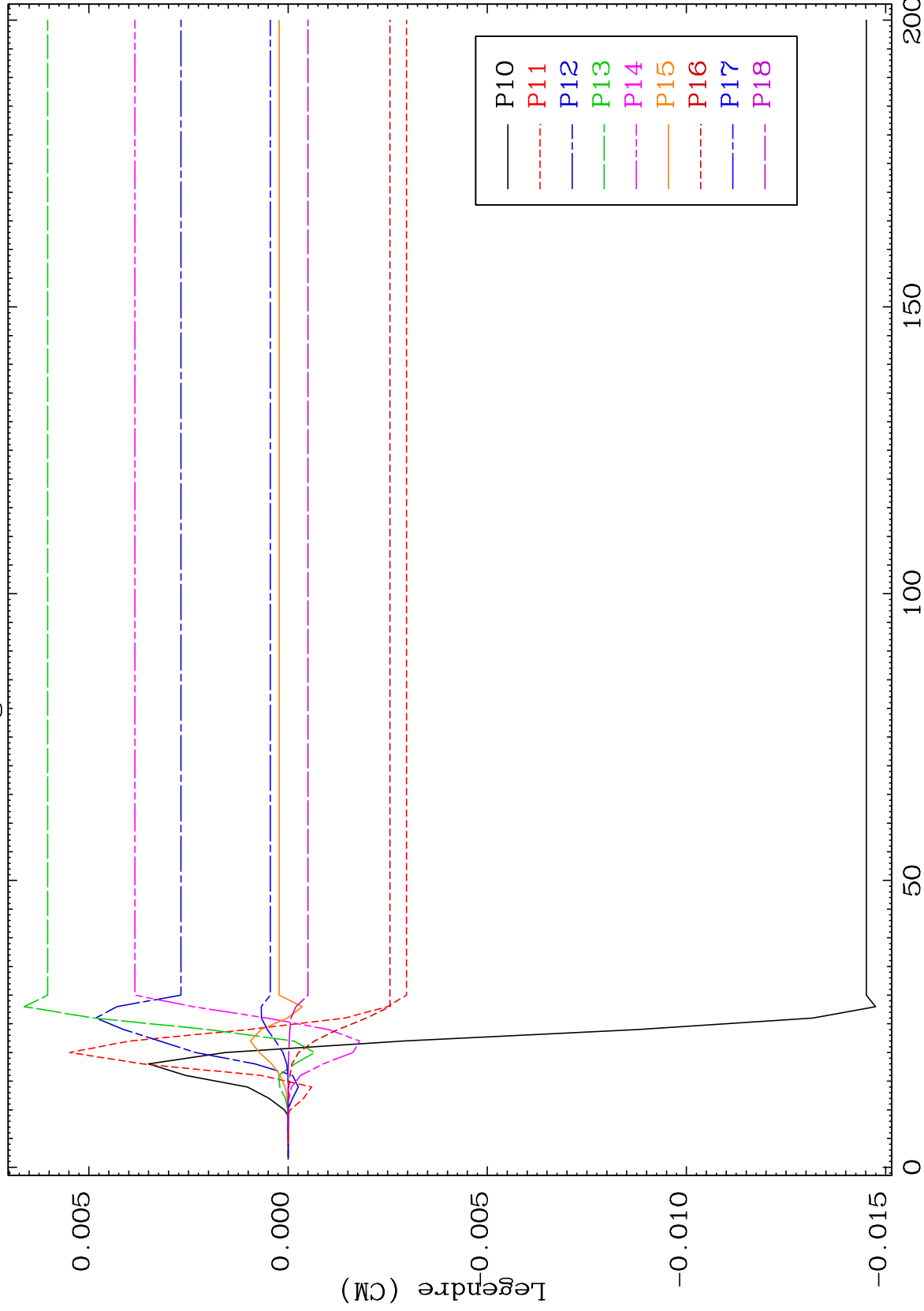
Incident Energy (MeV)

120

MAT 7131

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

71-Lu-177



121

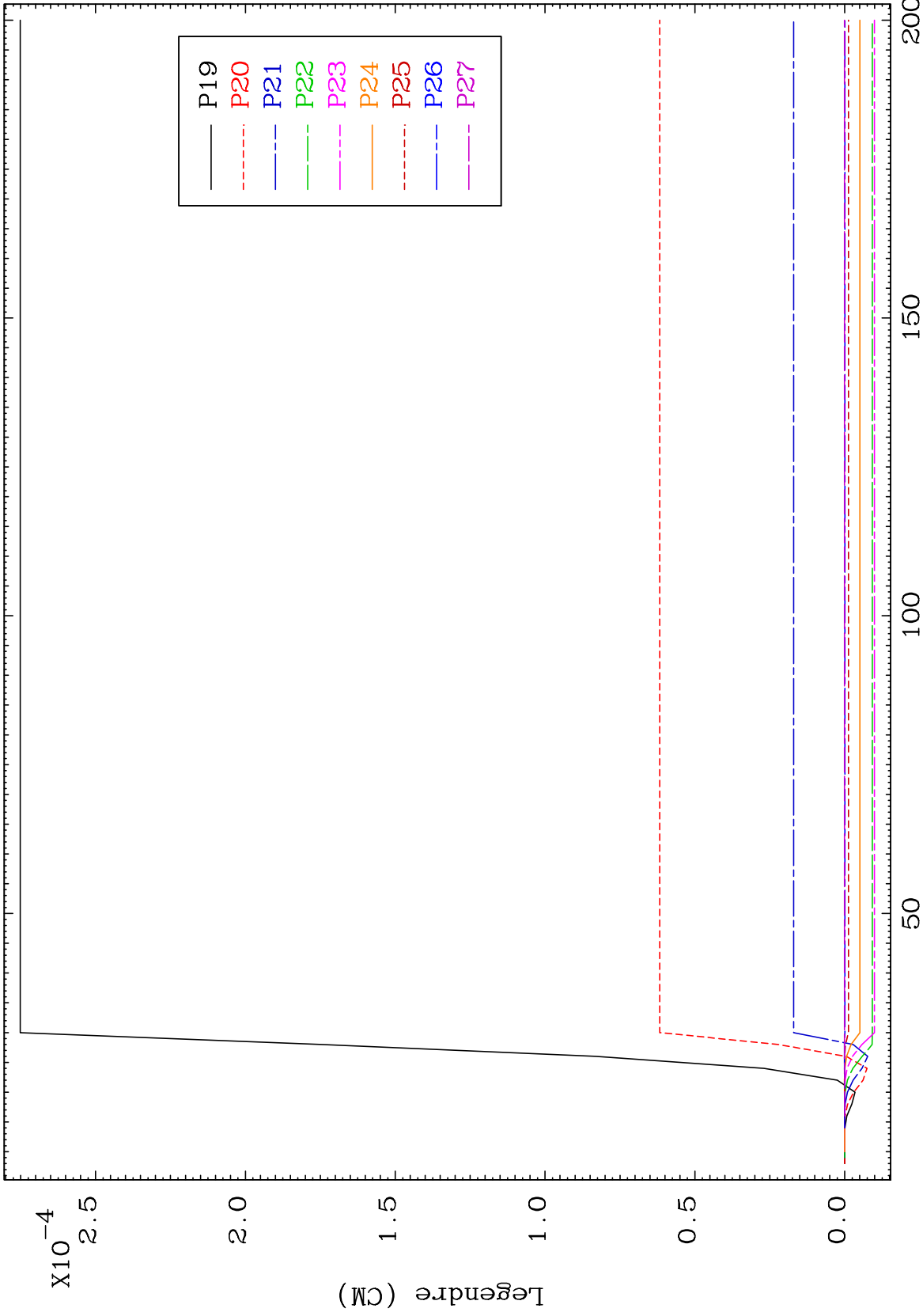
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



122

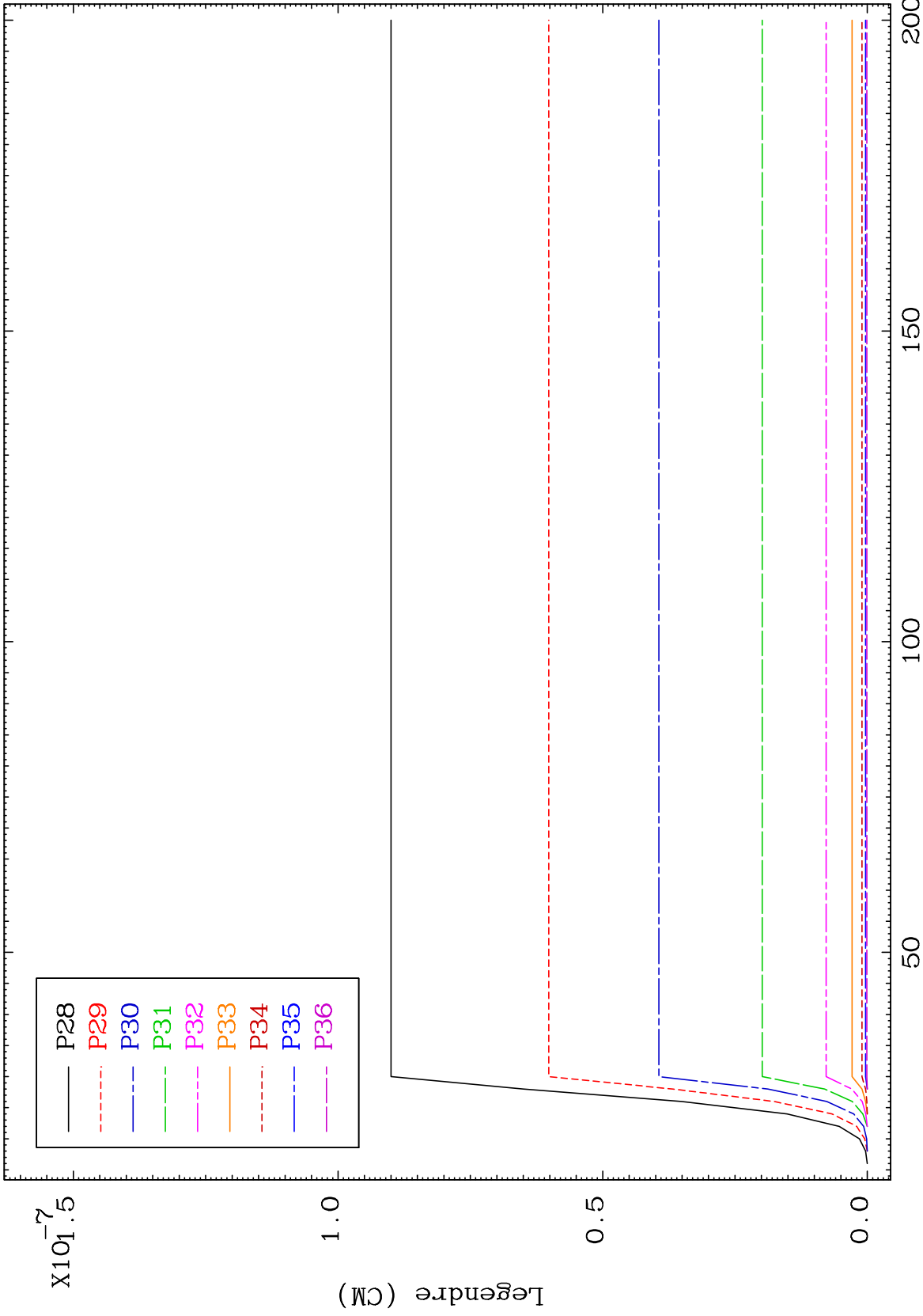
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



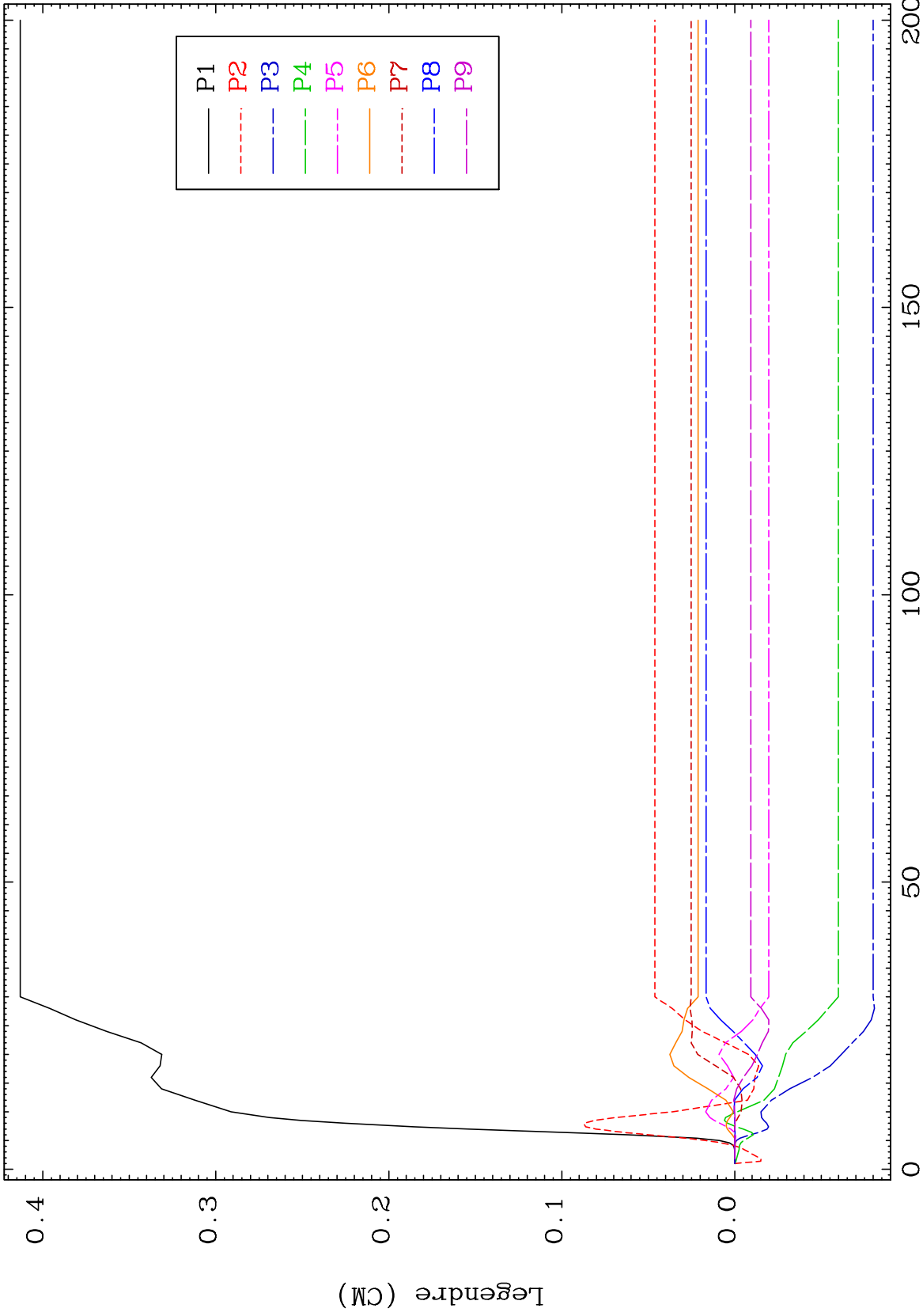
123

71-Lu-177

MAT 7131

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

71-Lu-177

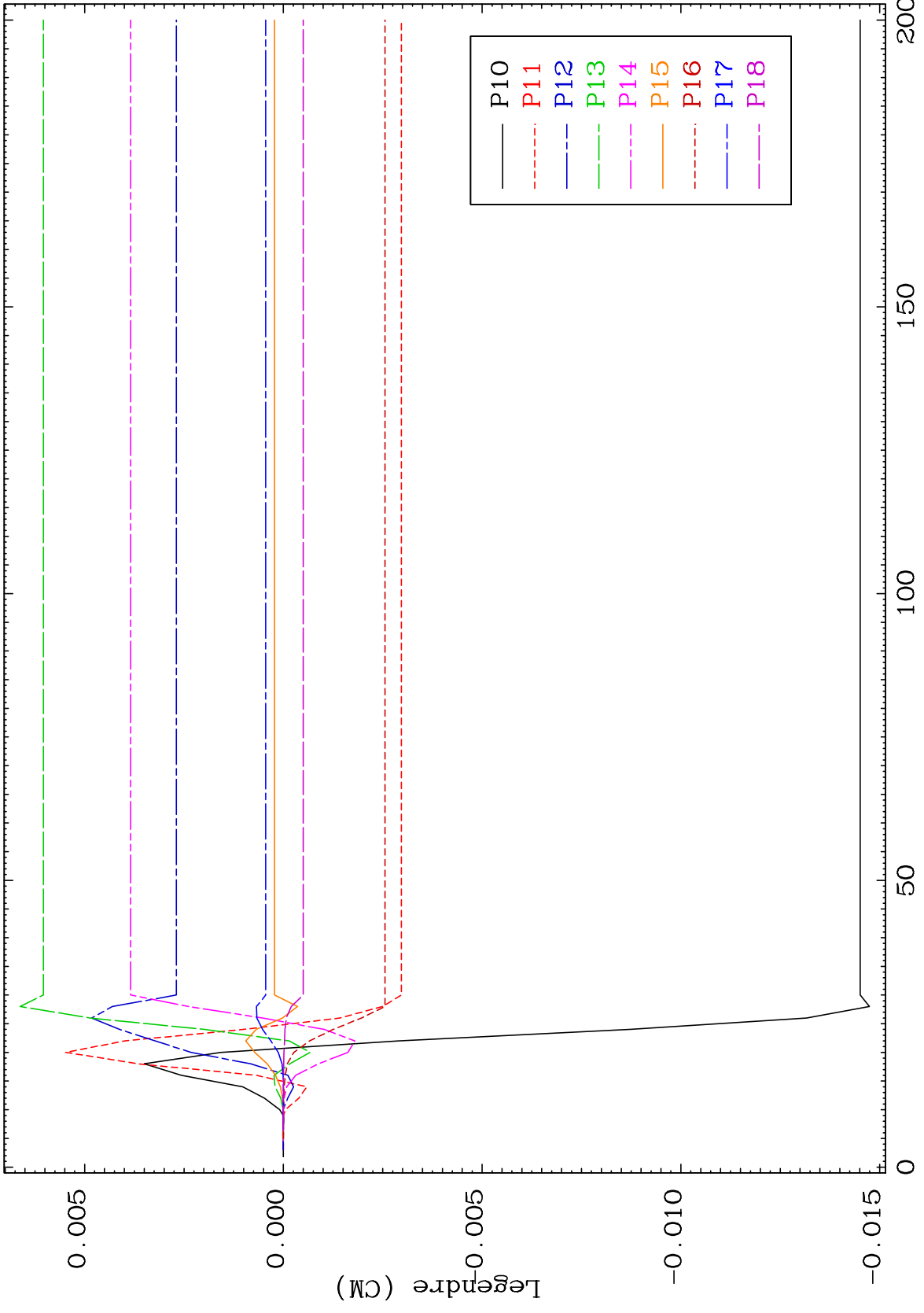


124

Incident Energy (MeV)

71-Lu-177

MAT 7131 MT= 80 (n,n') Level Legendre Coefficients 71-Lu-177

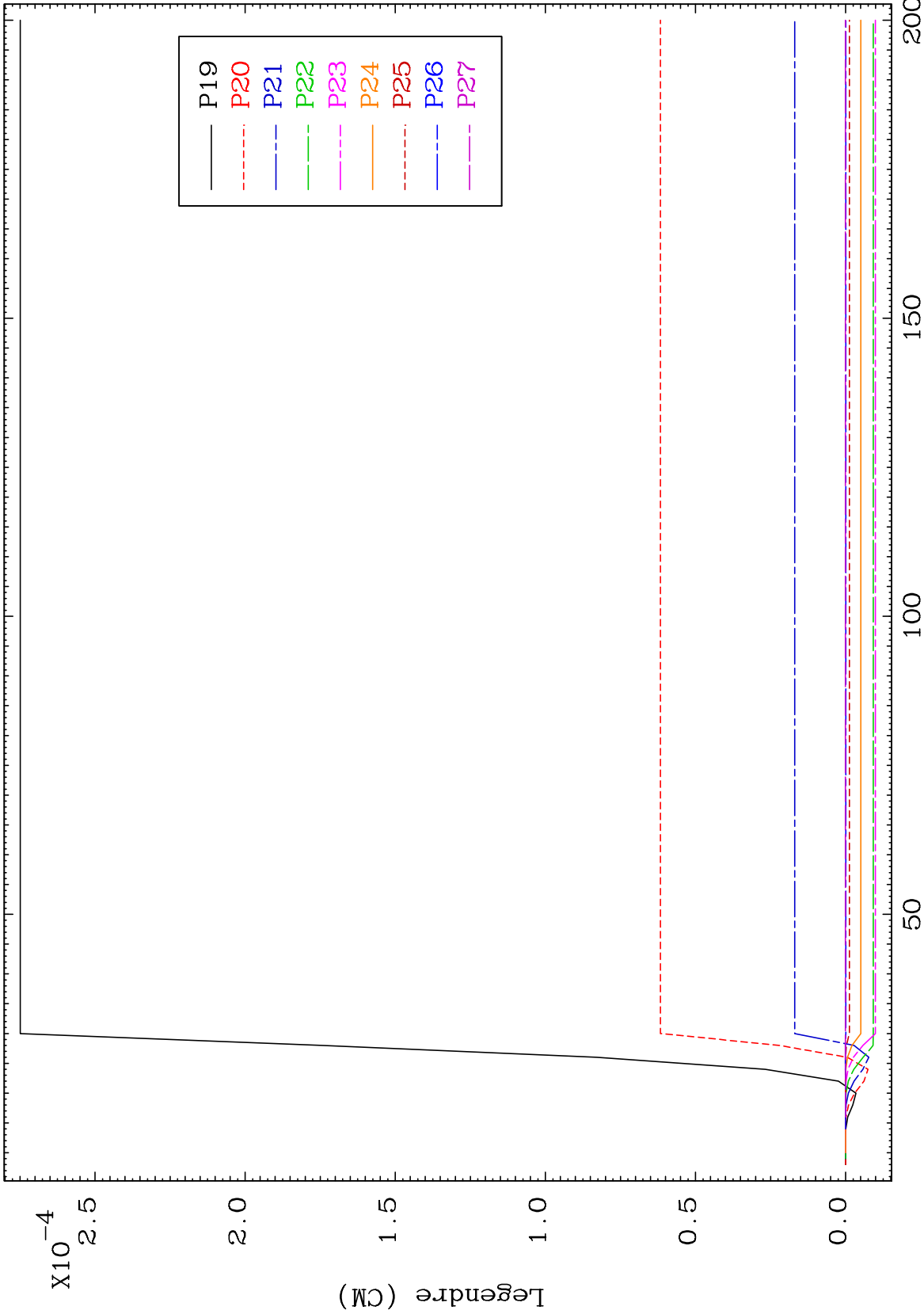


125 Incident Energy (MeV) 71-Lu-177

MAT 7131

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

71-Lu-177



126

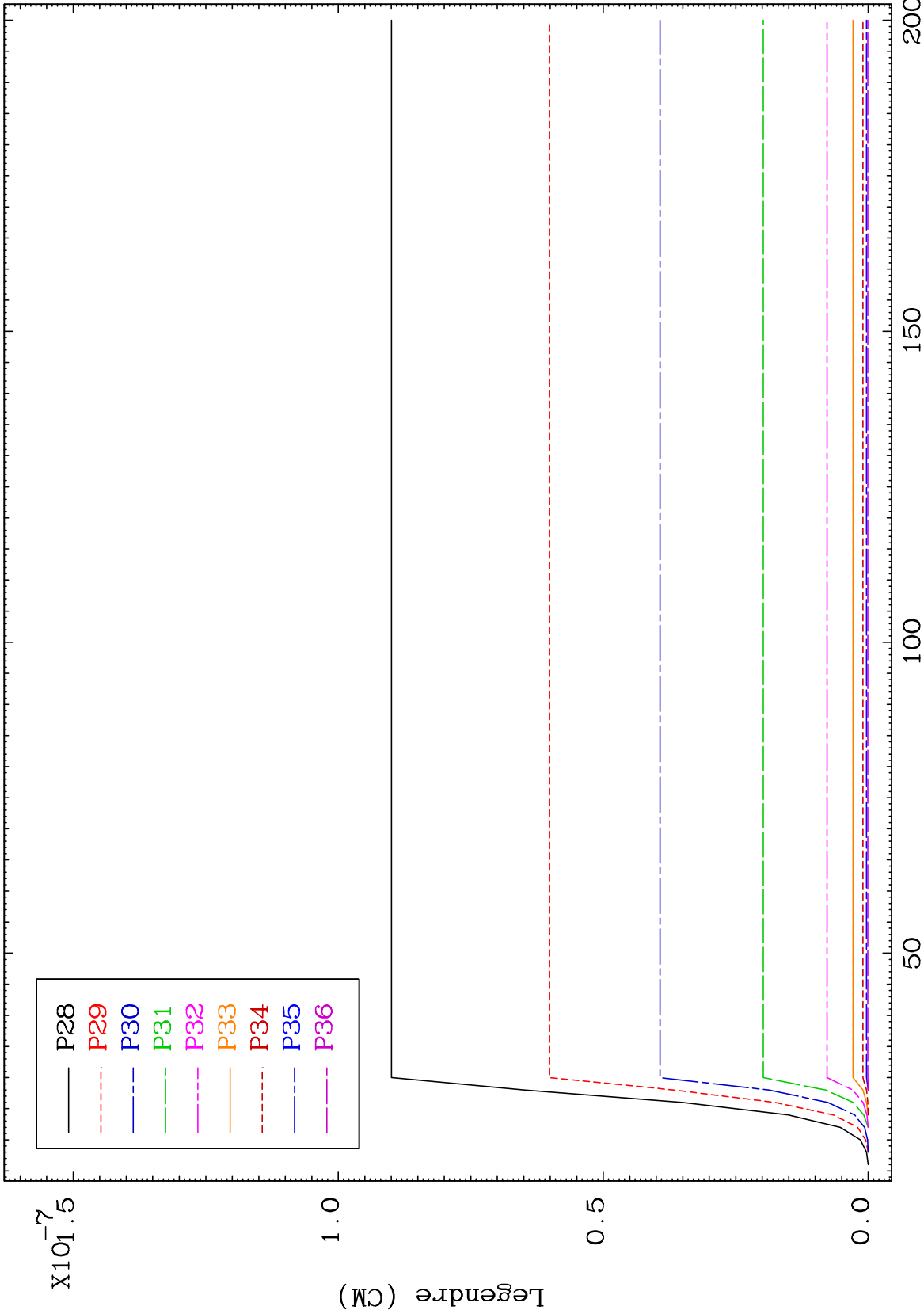
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



127

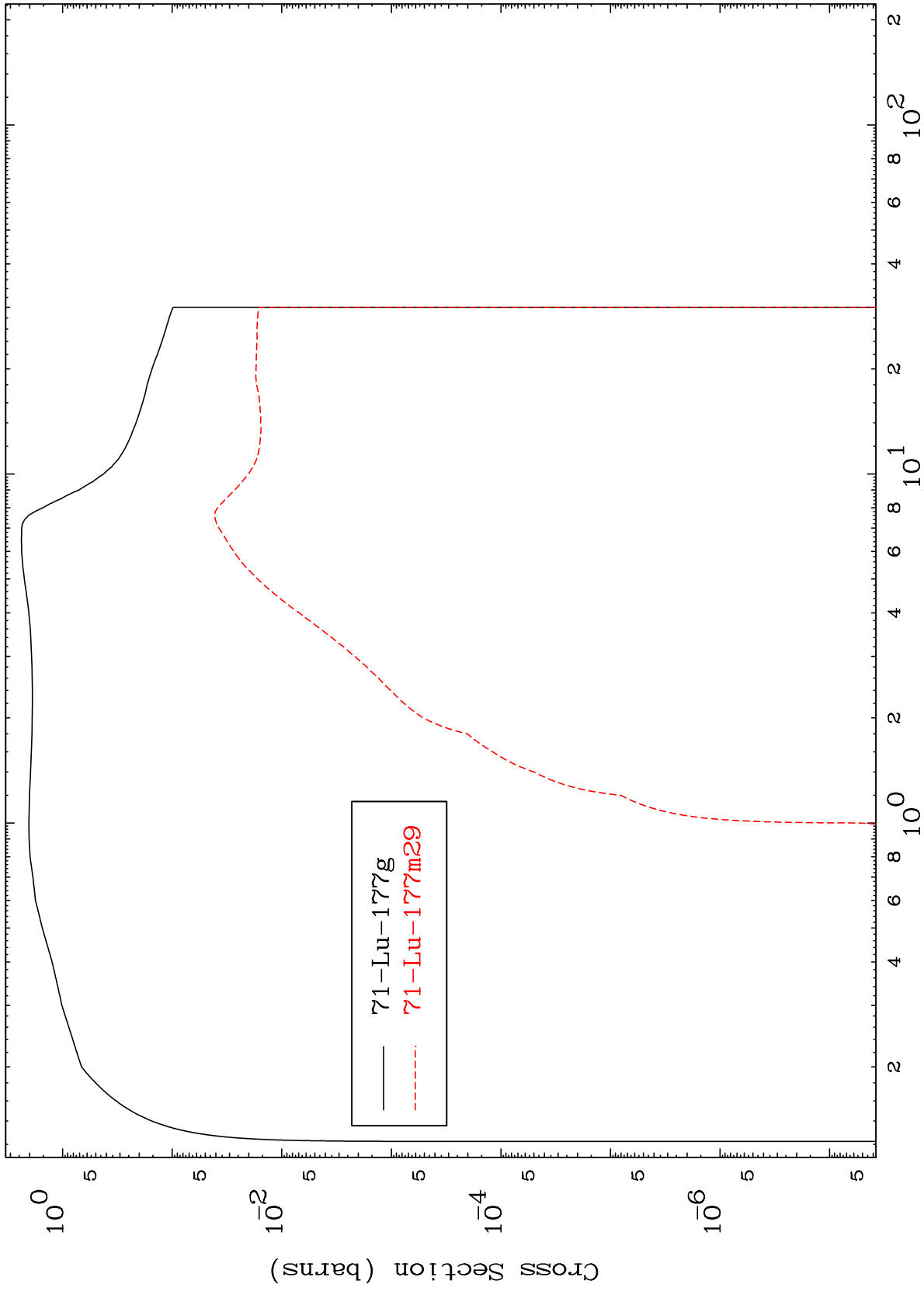
71-Lu-177



MAT 7131

71-Lu-177

### Inelastic Radionuclide Production Cross Section



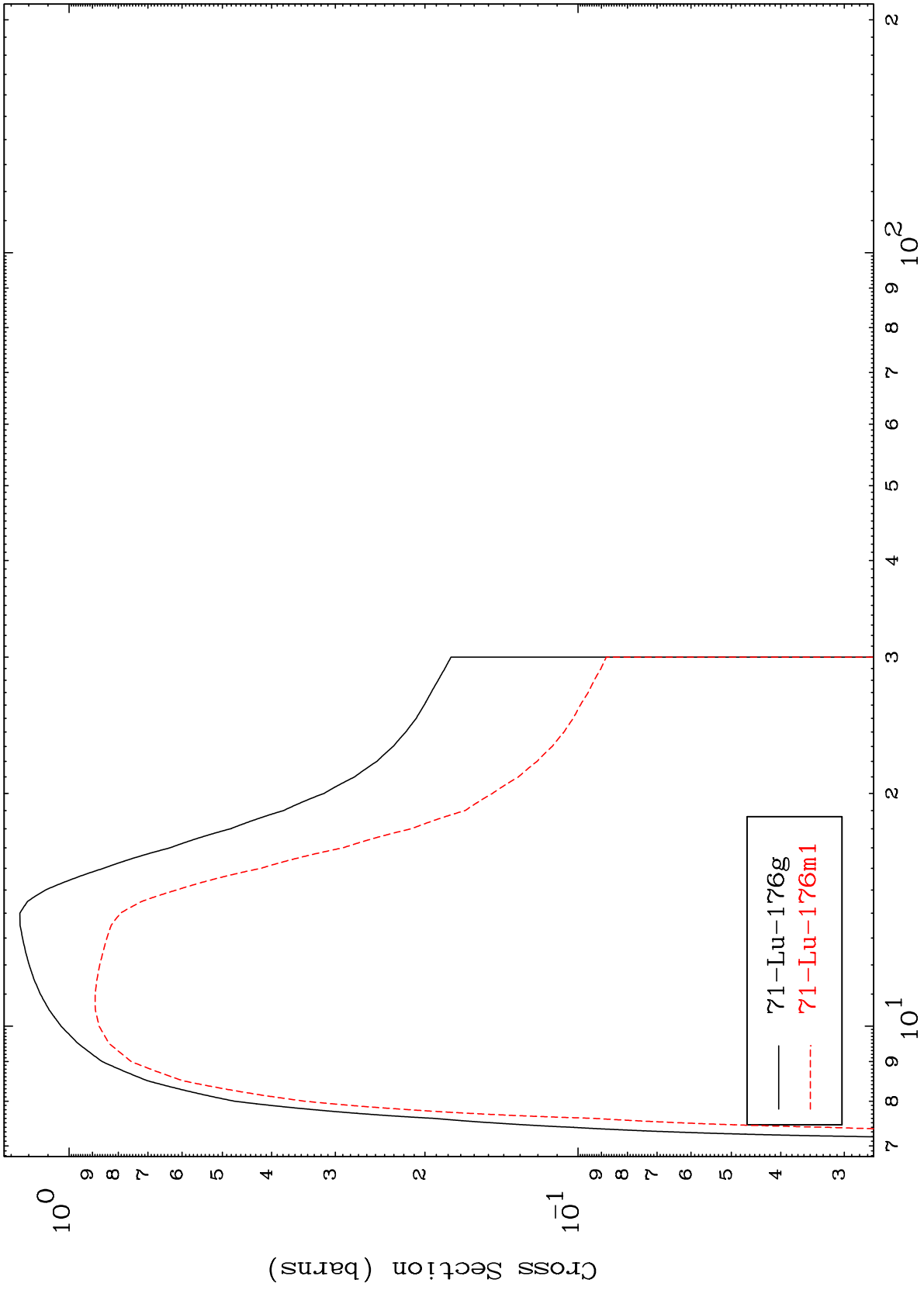
128

71-Lu-177

MAT 7131

71-Lu-177

Radionuclide Production Cross Section  
(n,2n)



129

Incident Energy (MeV)

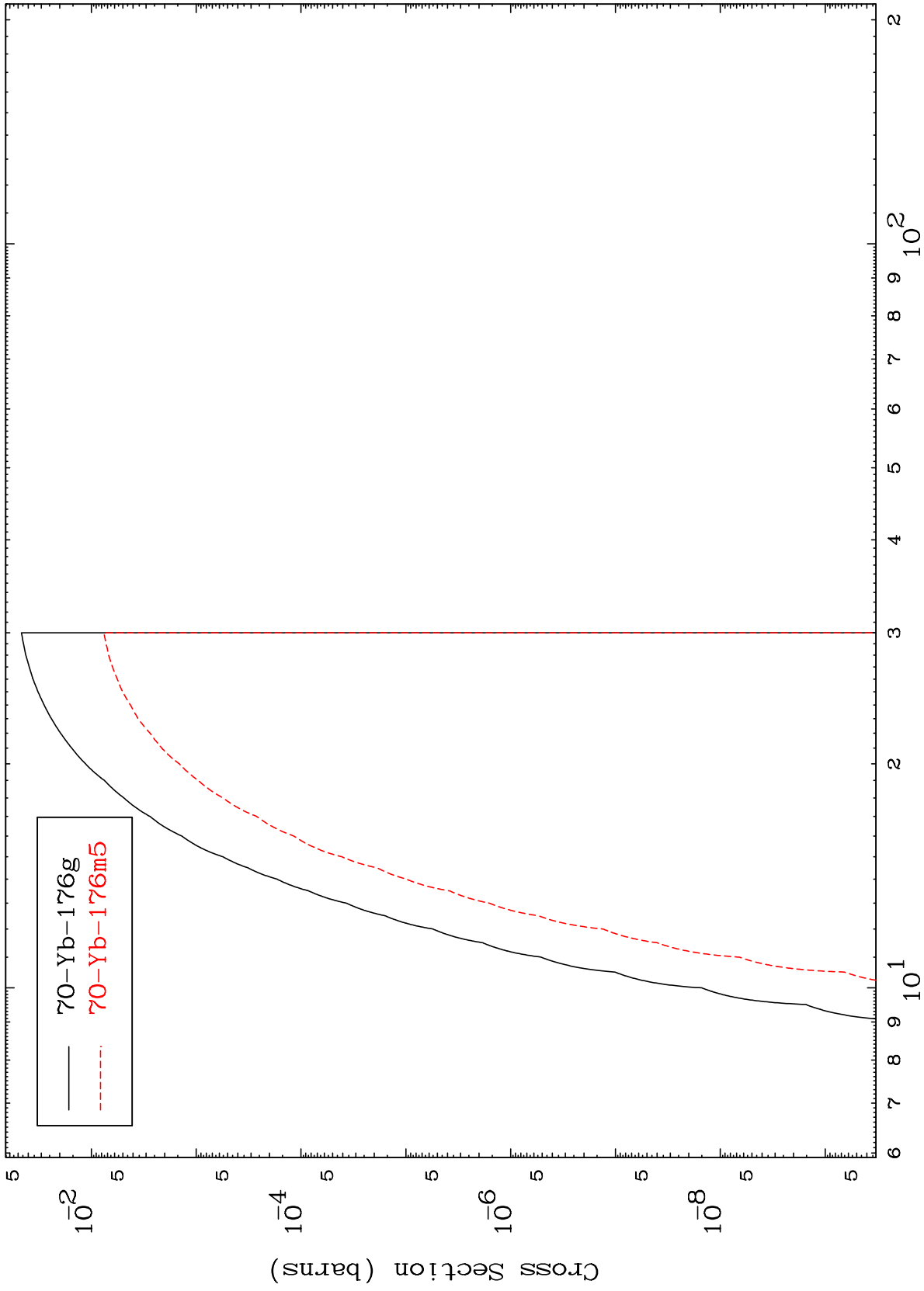
71-Lu-177

MAT 7131

(n,n') p

71-Lu-177

Radionuclide Production Cross Section



130

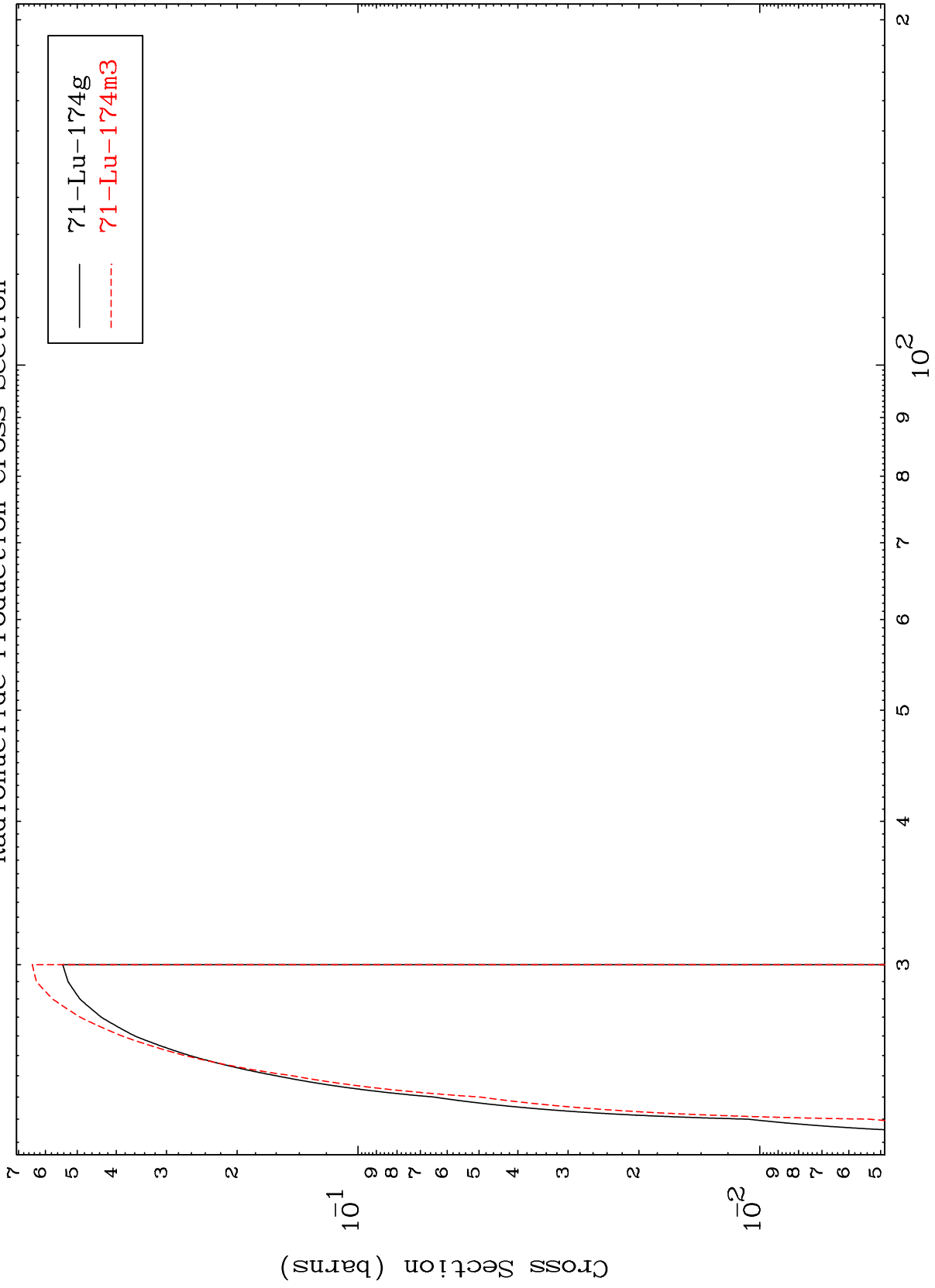
71-Lu-177

MAT 7131

(n,4n)

<sup>71</sup>Lu-177

Radionuclide Production Cross Section



131

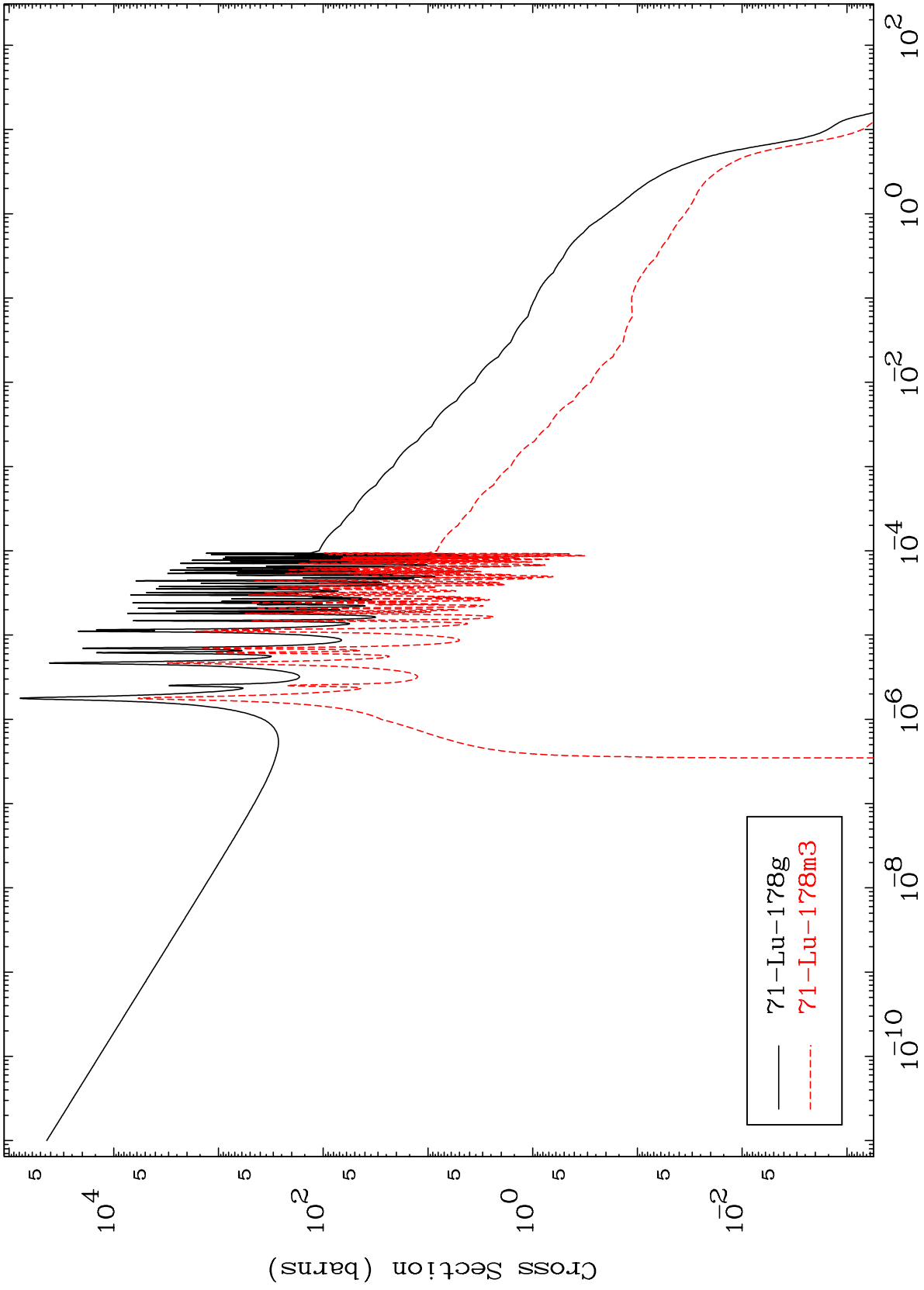
Incident Energy (MeV)

<sup>71</sup>Lu-177

MAT 7131

71-Lu-177

(n,γ)  
Radionuclide Production Cross Section



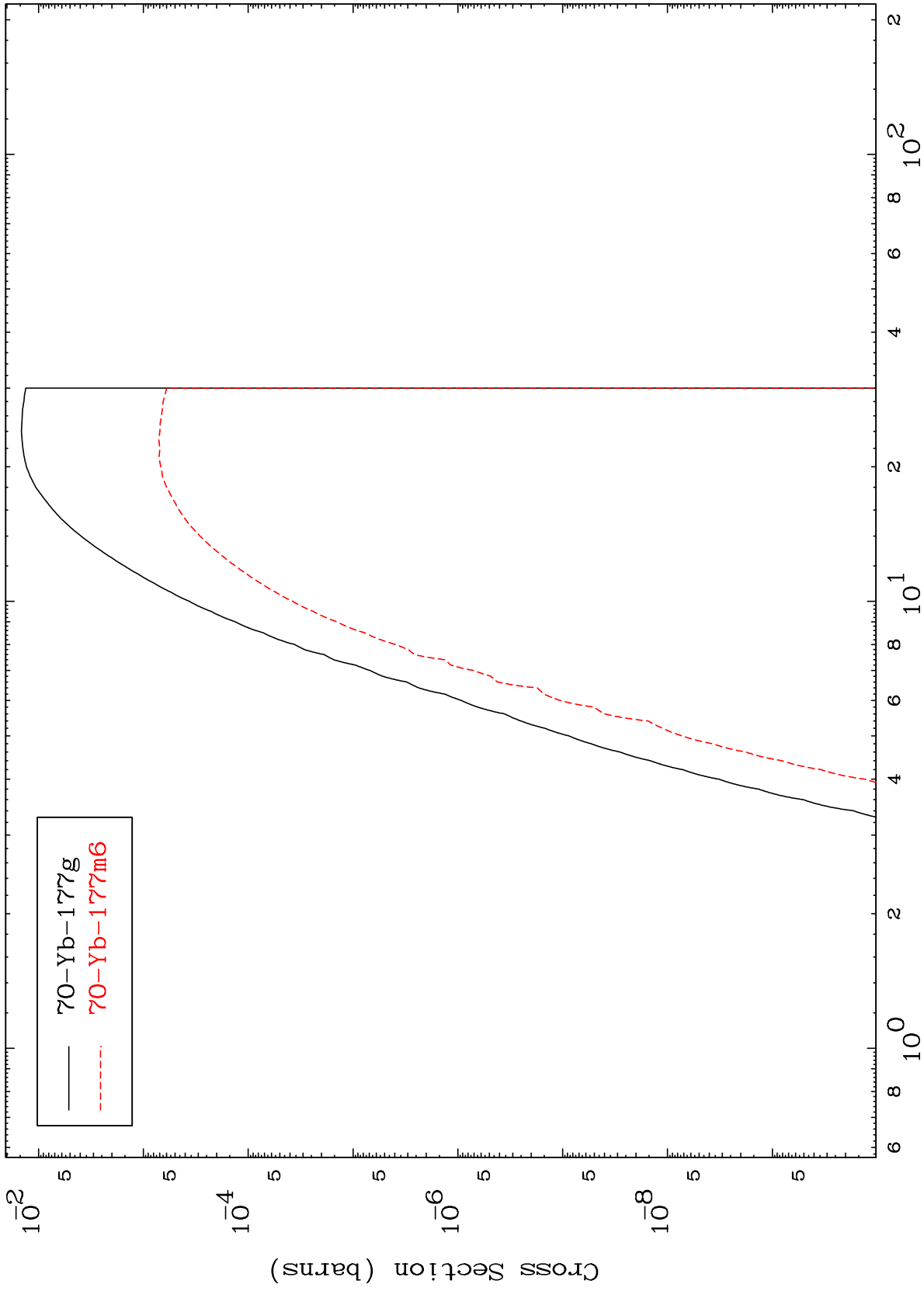
132

71-Lu-177

MAT 7131

71-Lu-177

(n,p)  
Radionuclide Production Cross Section



133

Incident Energy (MeV)

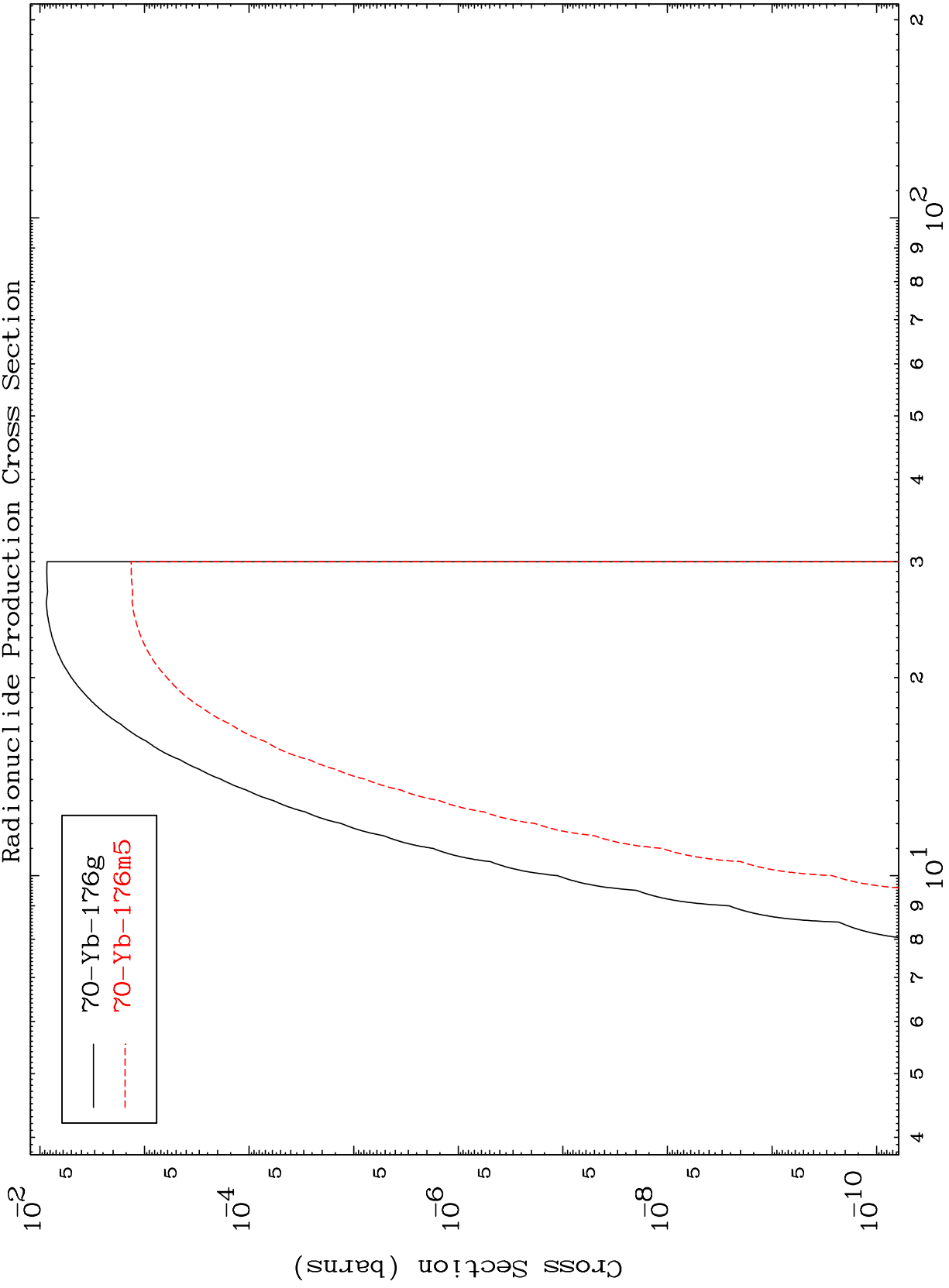
71-Lu-177

MAT 7131

(n,d)

71-Lu-177

Radionuclide Production Cross Section



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

134

Incident Energy (MeV)

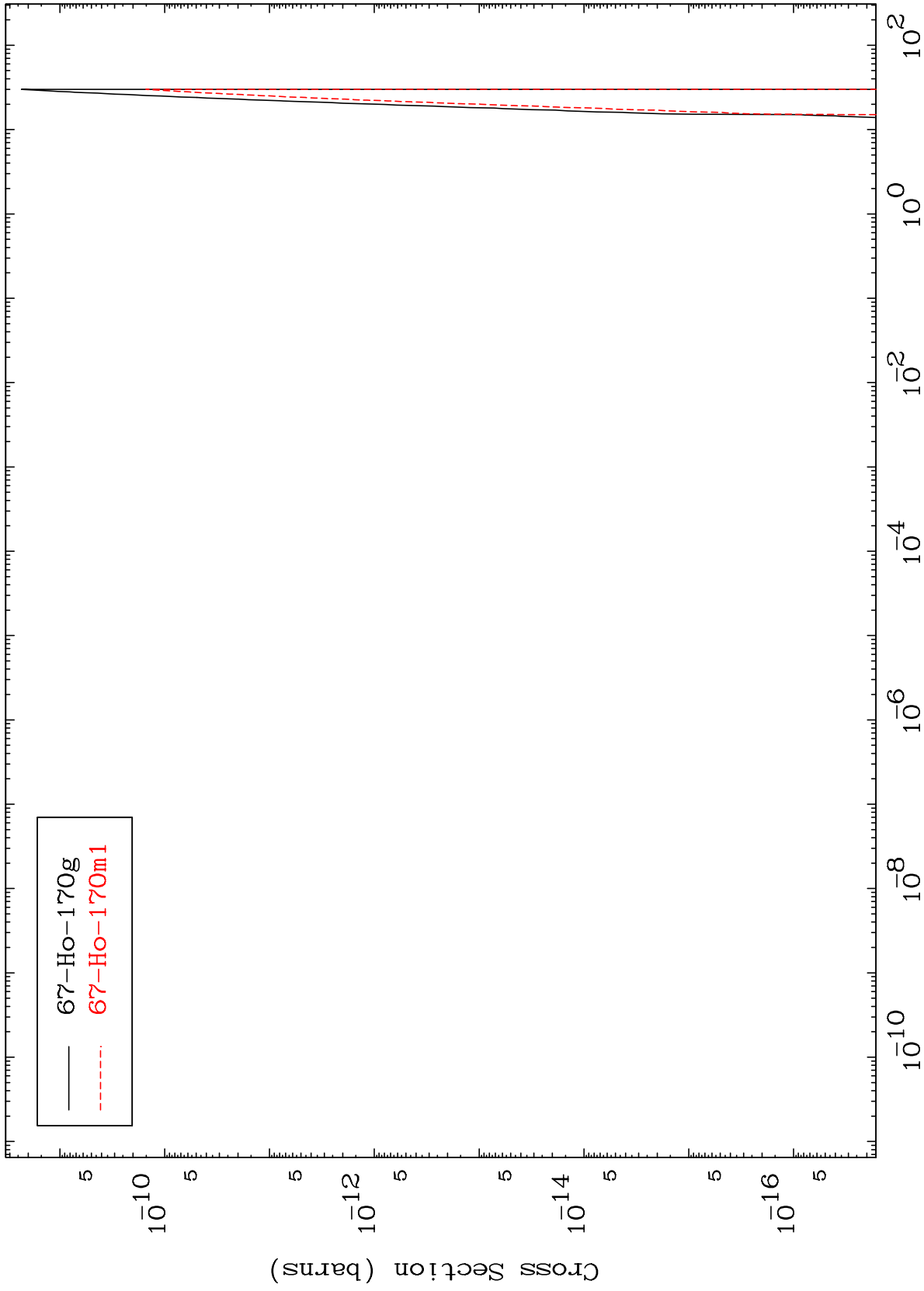
71-Lu-177

MAT 7131

(n,2α)

71-Lu-177

Radionuclide Production Cross Section



135

Incident Energy (MeV)

71-Lu-177