

Program EVALPLOT
(Version 2018-1)

by

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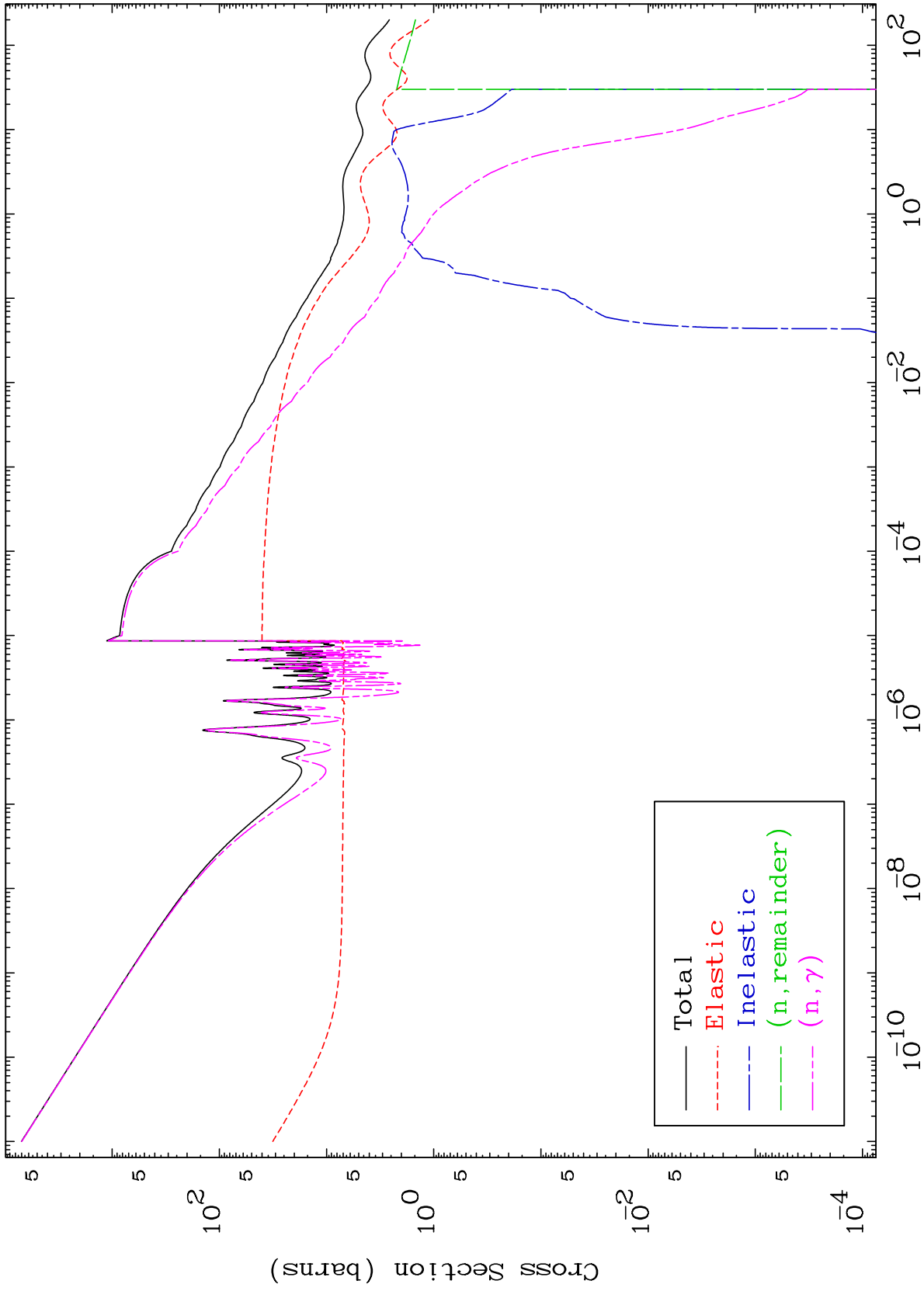
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7107

Major
293 Kelvin Cross Sections

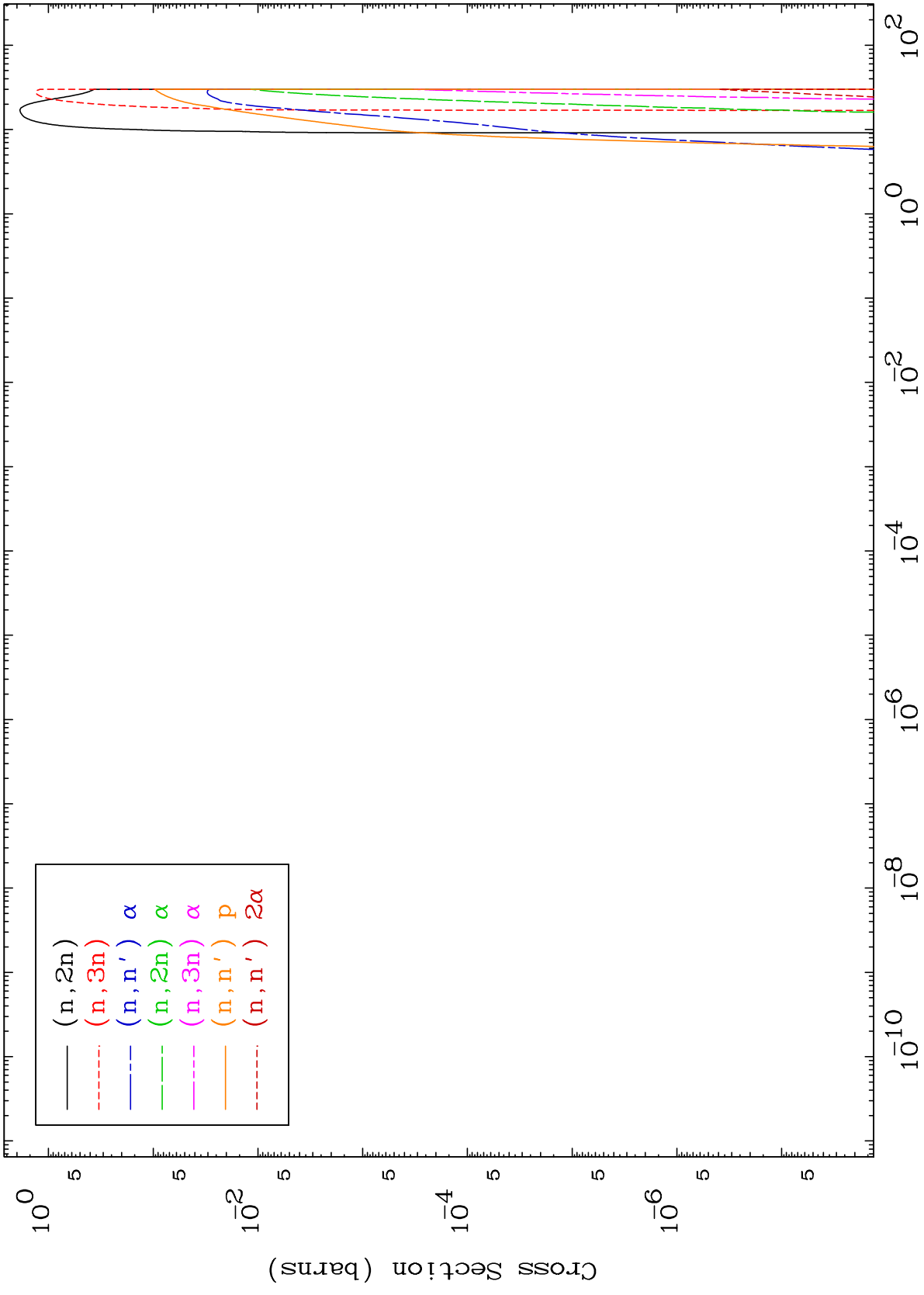
71-Lu-169



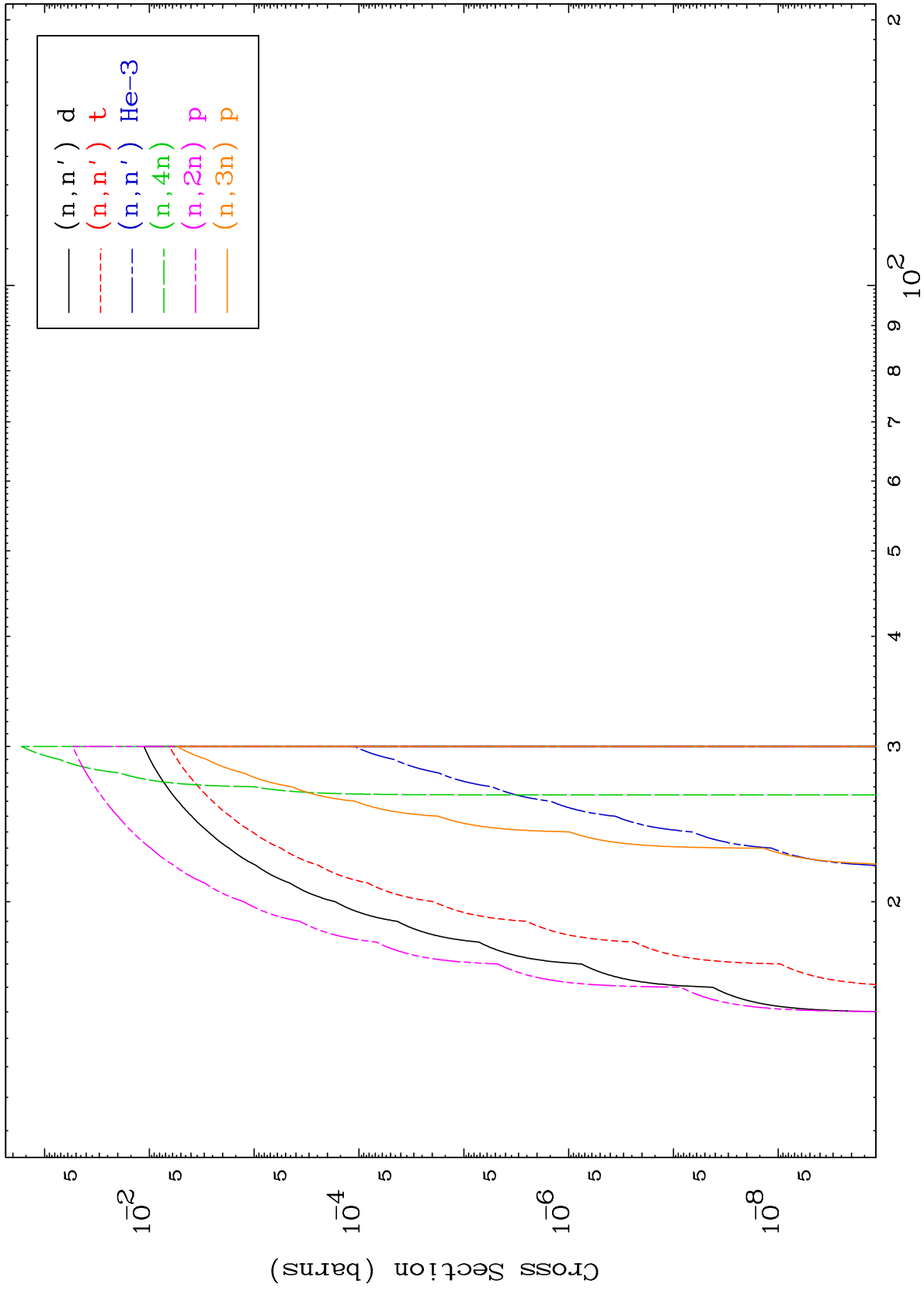
MAT 7107

Neutron Production
293 Kelvin Cross Sections

71-Lu-169



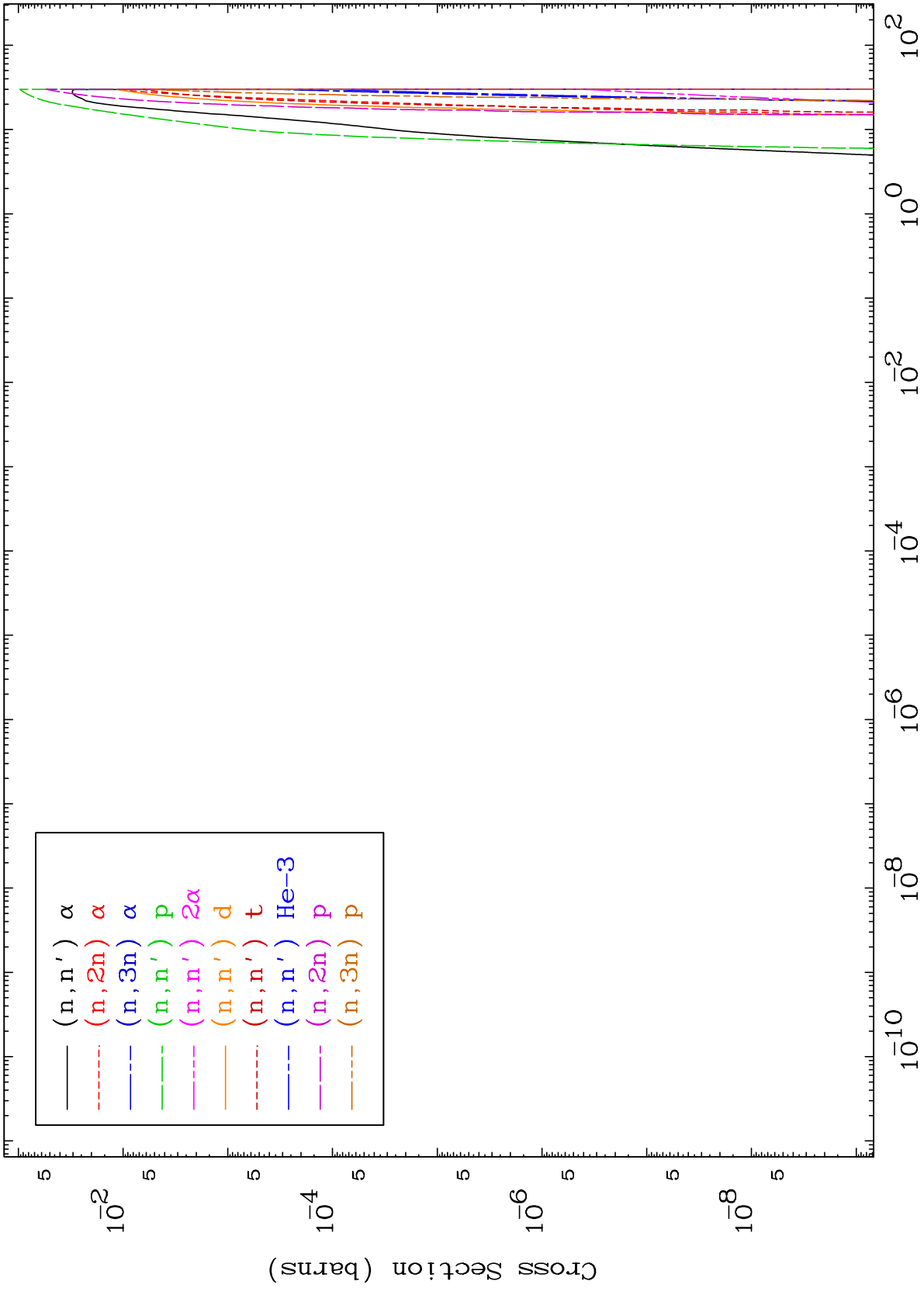
71-Lu-169



MAT 7107

293 Kelvin Cross Sections
Charged Particle

71-Lu-169

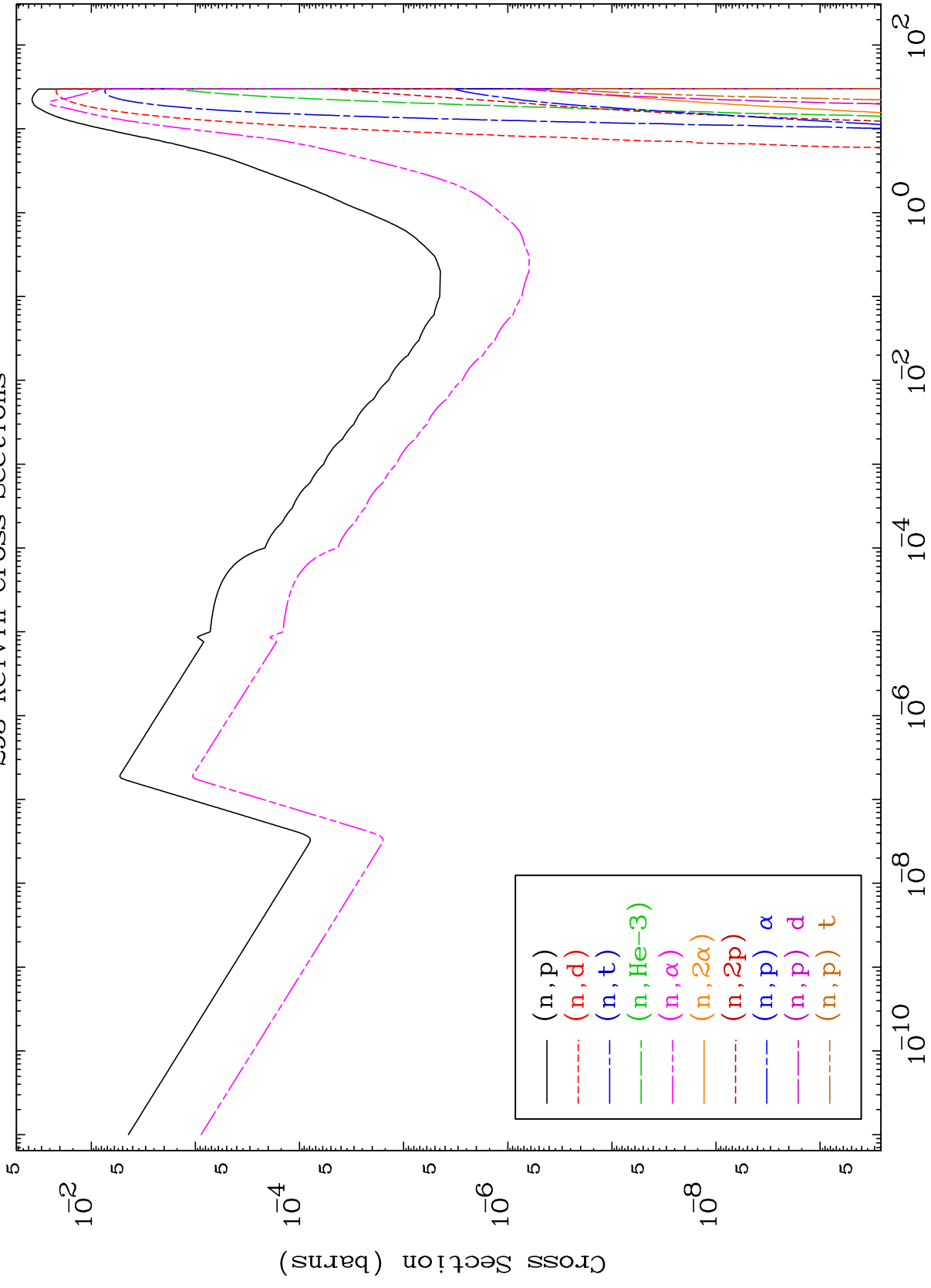


71-Lu-169

MAT 7107

293 Kelvin Cross Sections

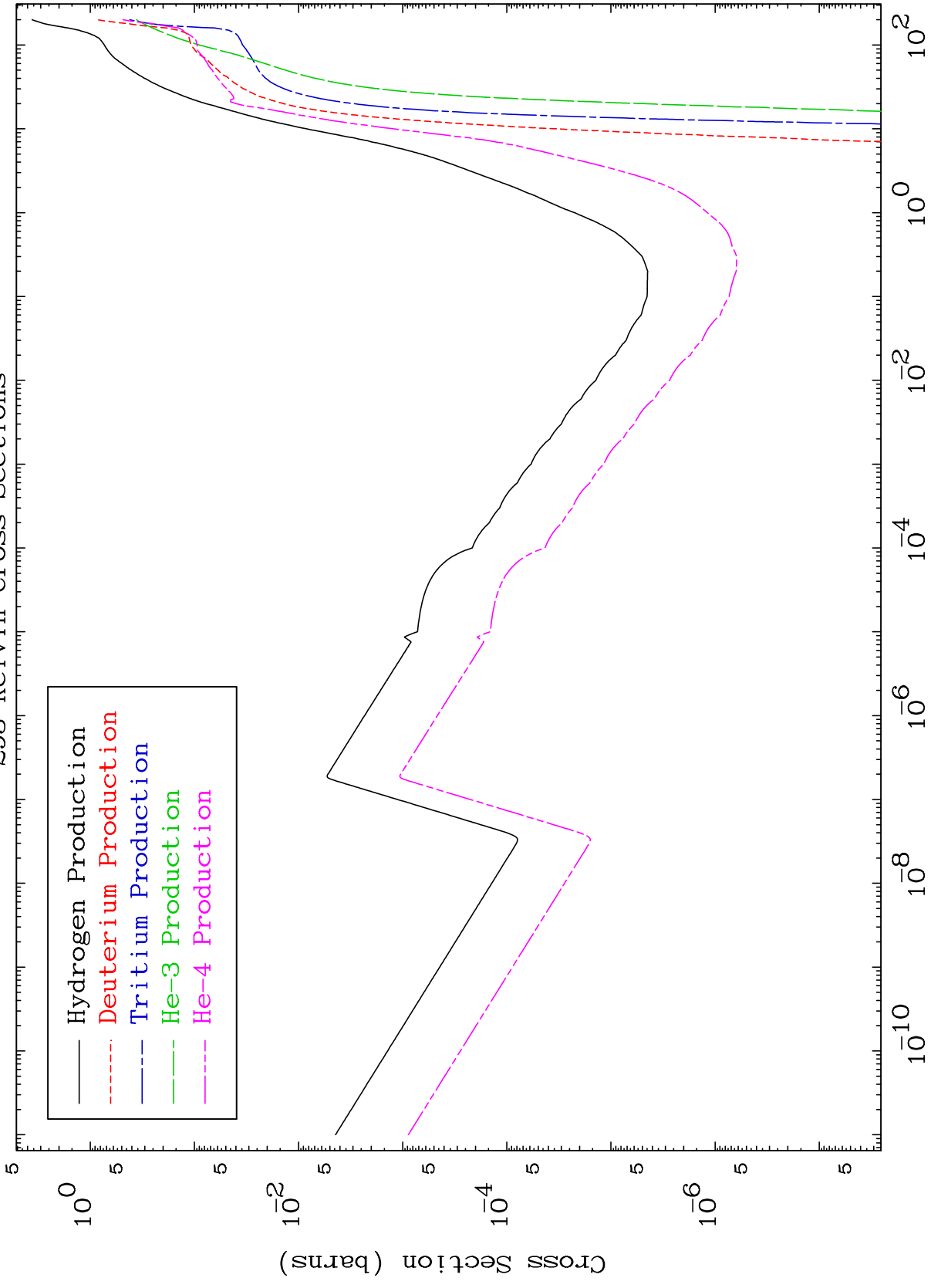
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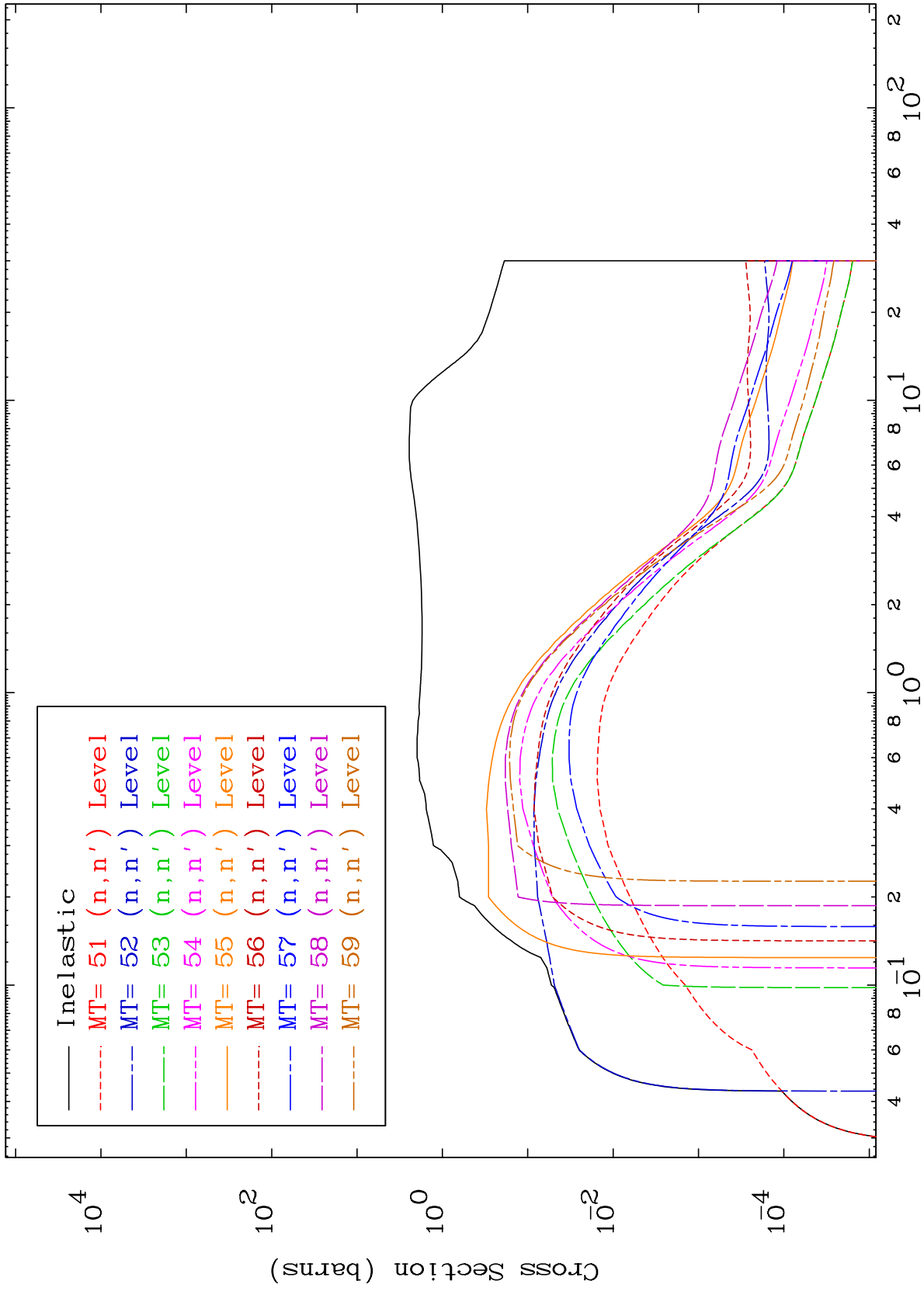


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Incident Energy (MeV)

71-Lu-169

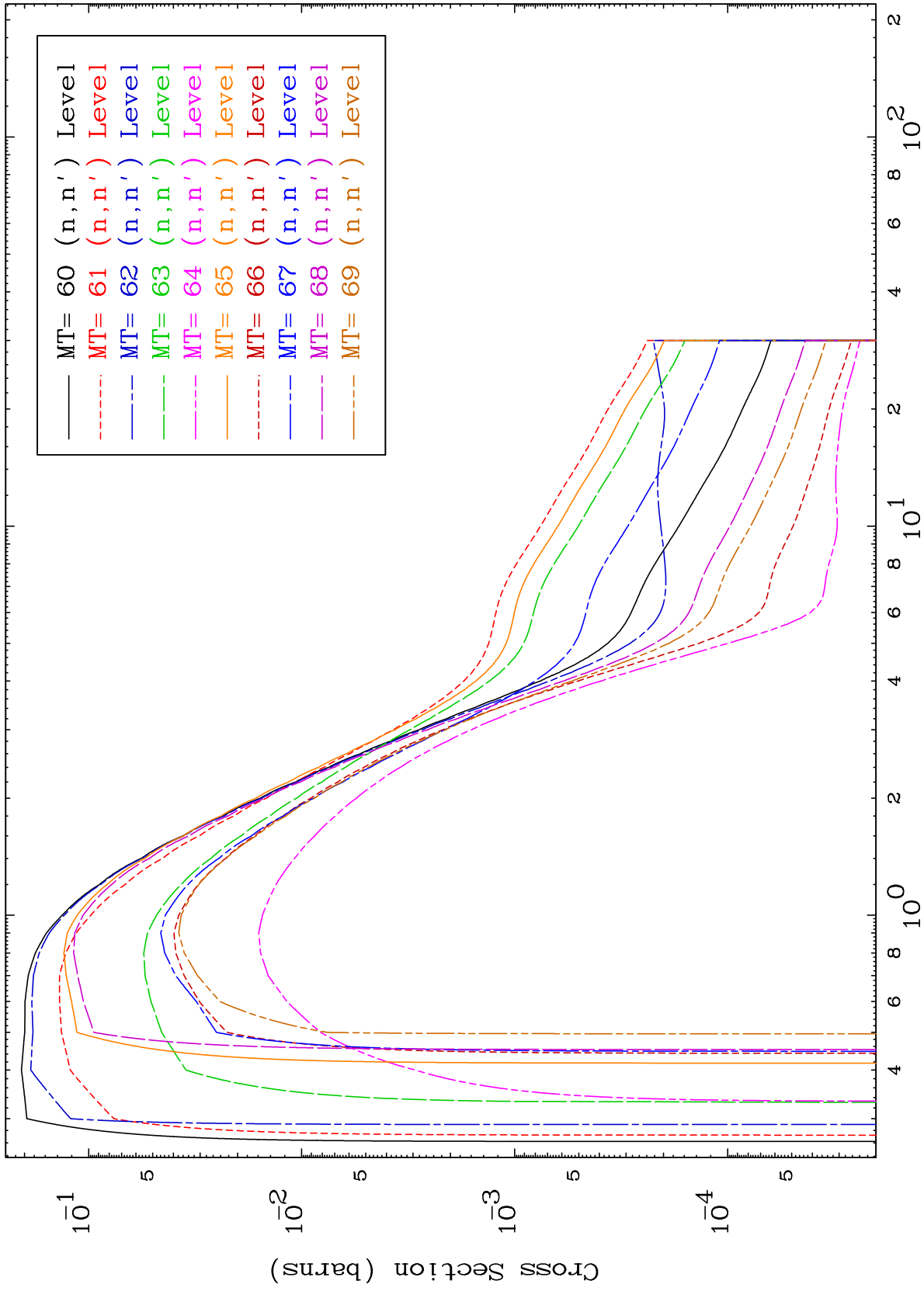




MAT 7107

(n,n') Level
293 Kelvin Cross Sections

71-Lu-169



8

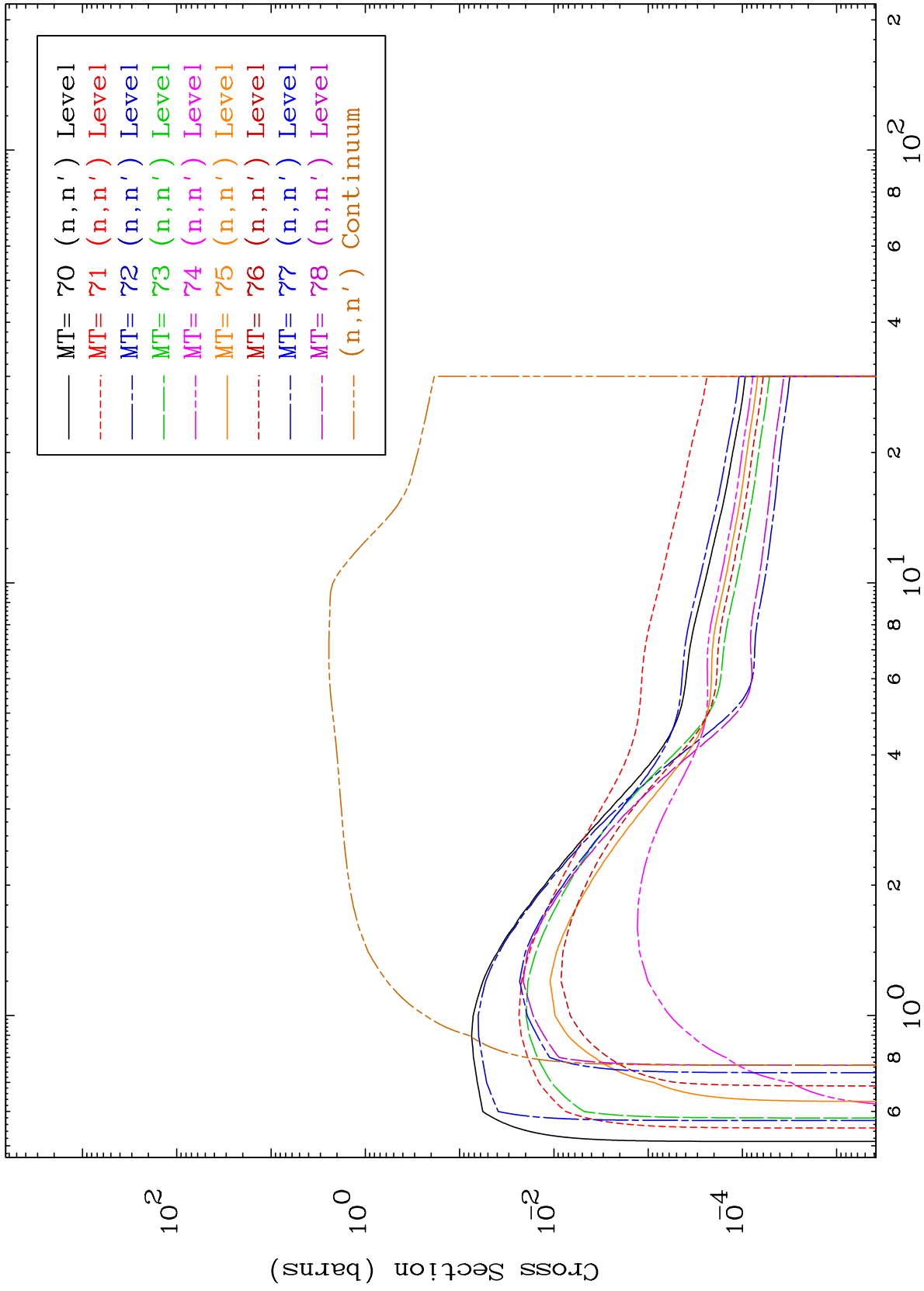
Incident Energy (MeV)

71-Lu-169

MAT 7107

(n,n') Level
293 Kelvin Cross Sections

71-Lu-169



9

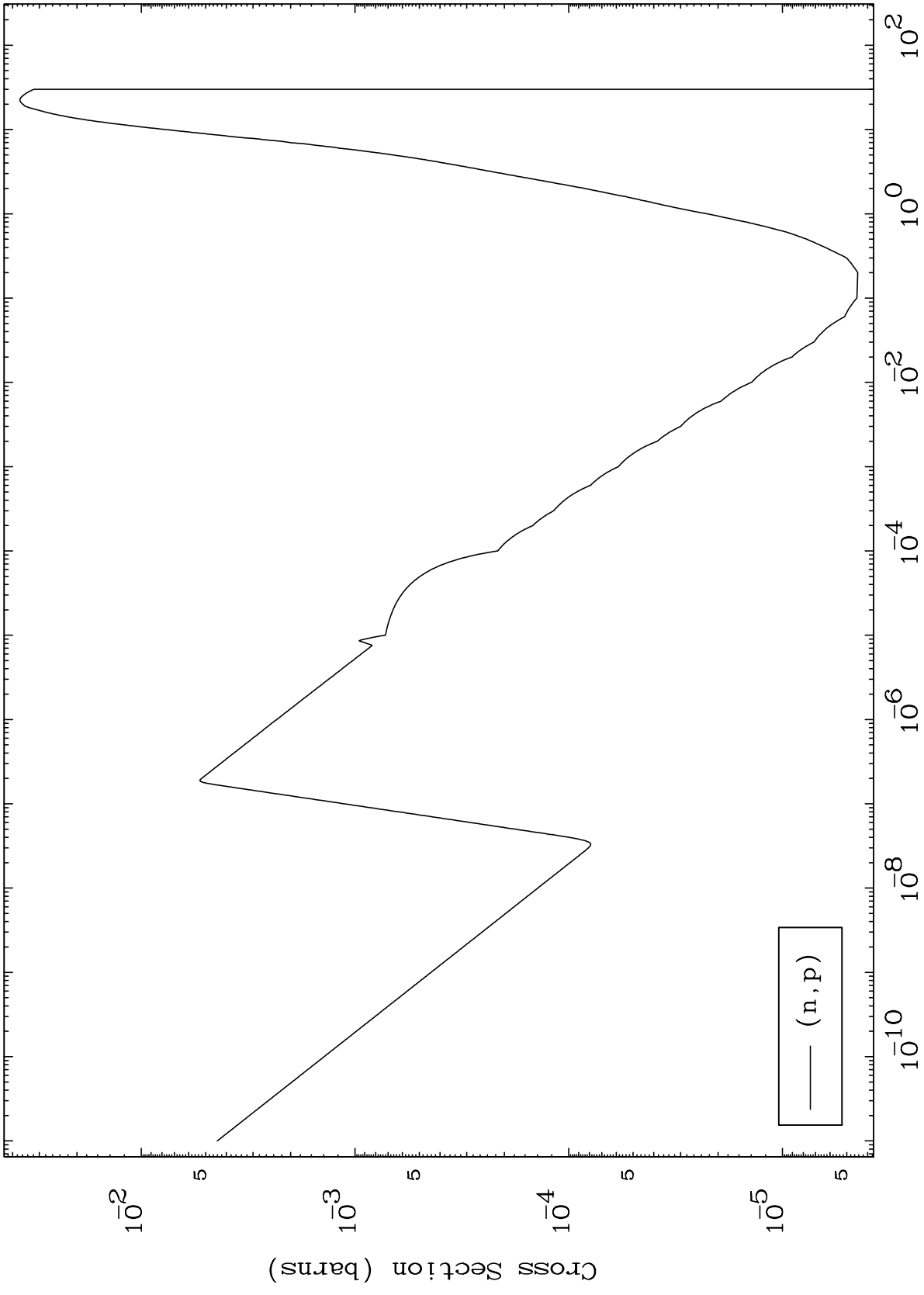
Incident Energy (MeV)

71-Lu-169

MAT 7107

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-169



10

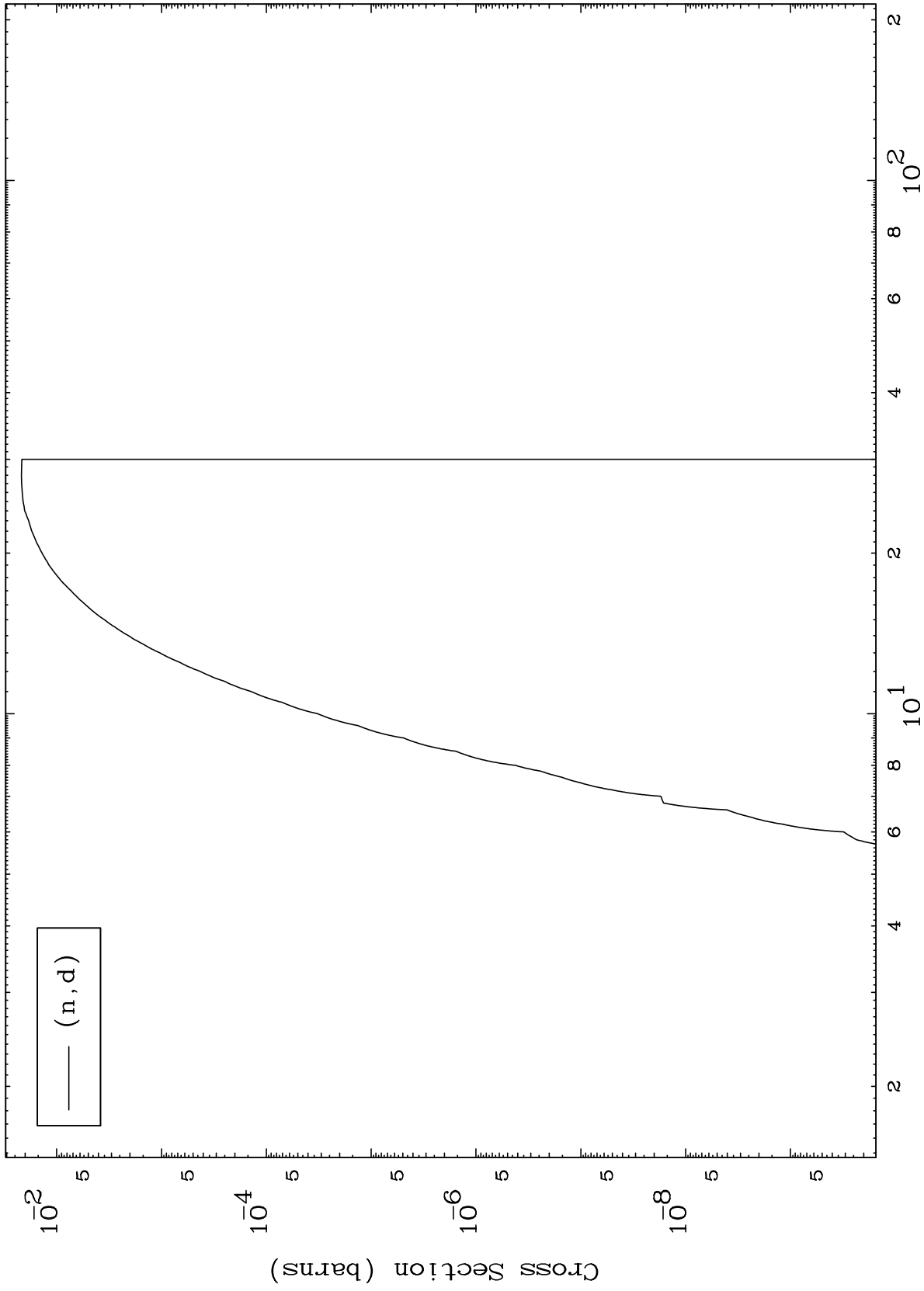
Incident Energy (MeV)

71-Lu-169

MAT 7107

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-169



11

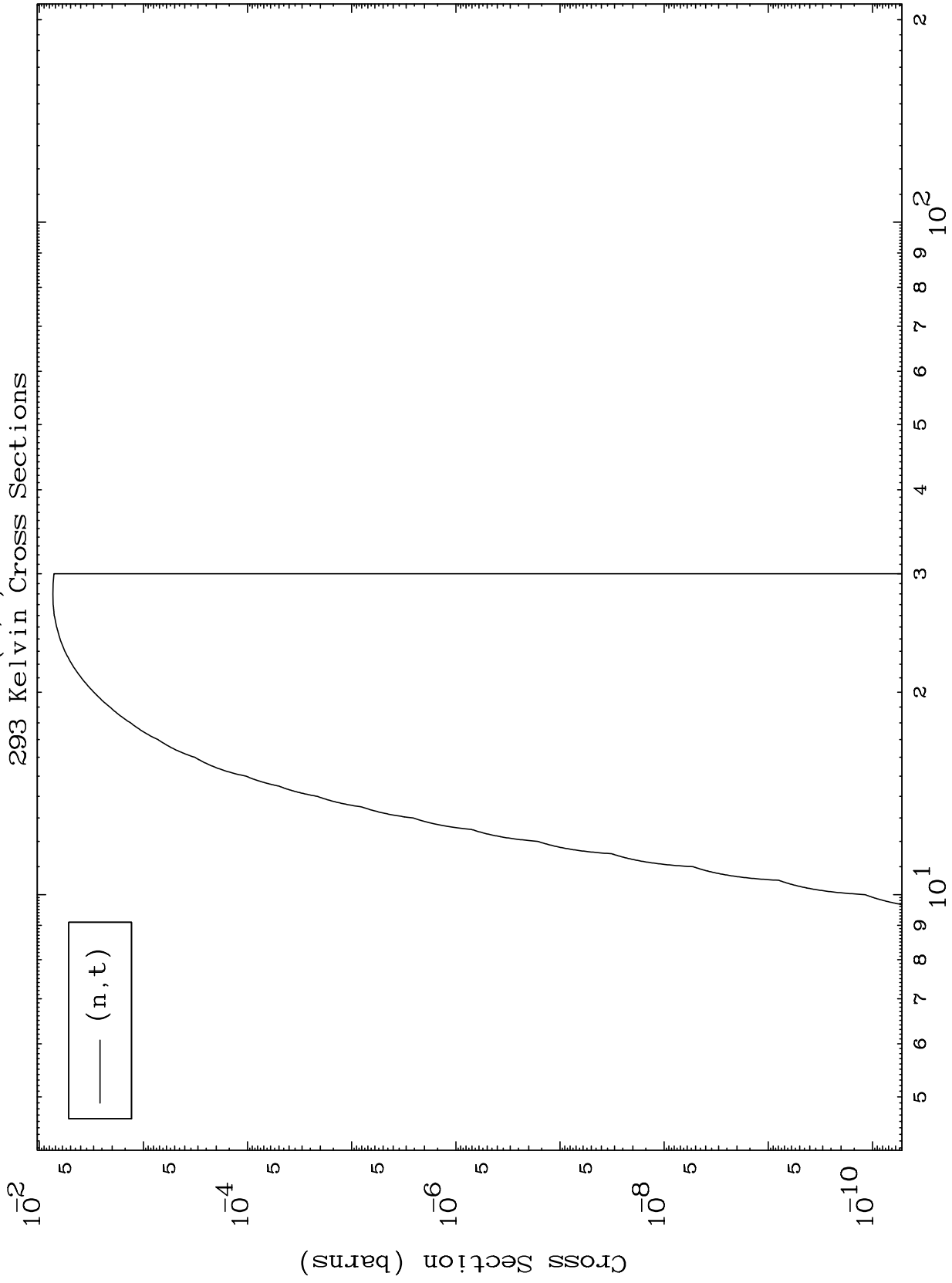
Incident Energy (MeV)

71-Lu-169

MAT 7107

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-169



12

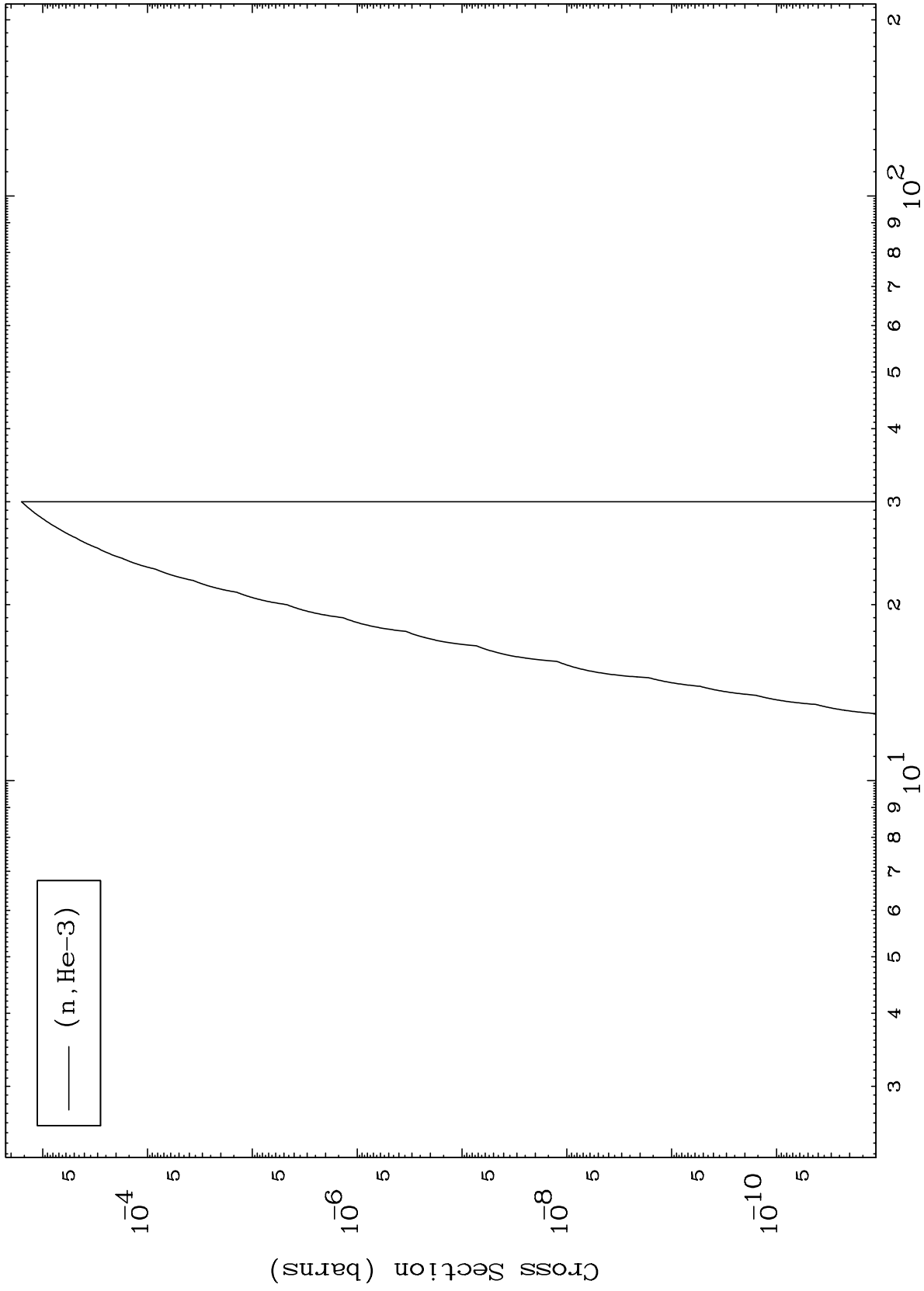
Incident Energy (MeV)

71-Lu-169

MAT 7107

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-169



13

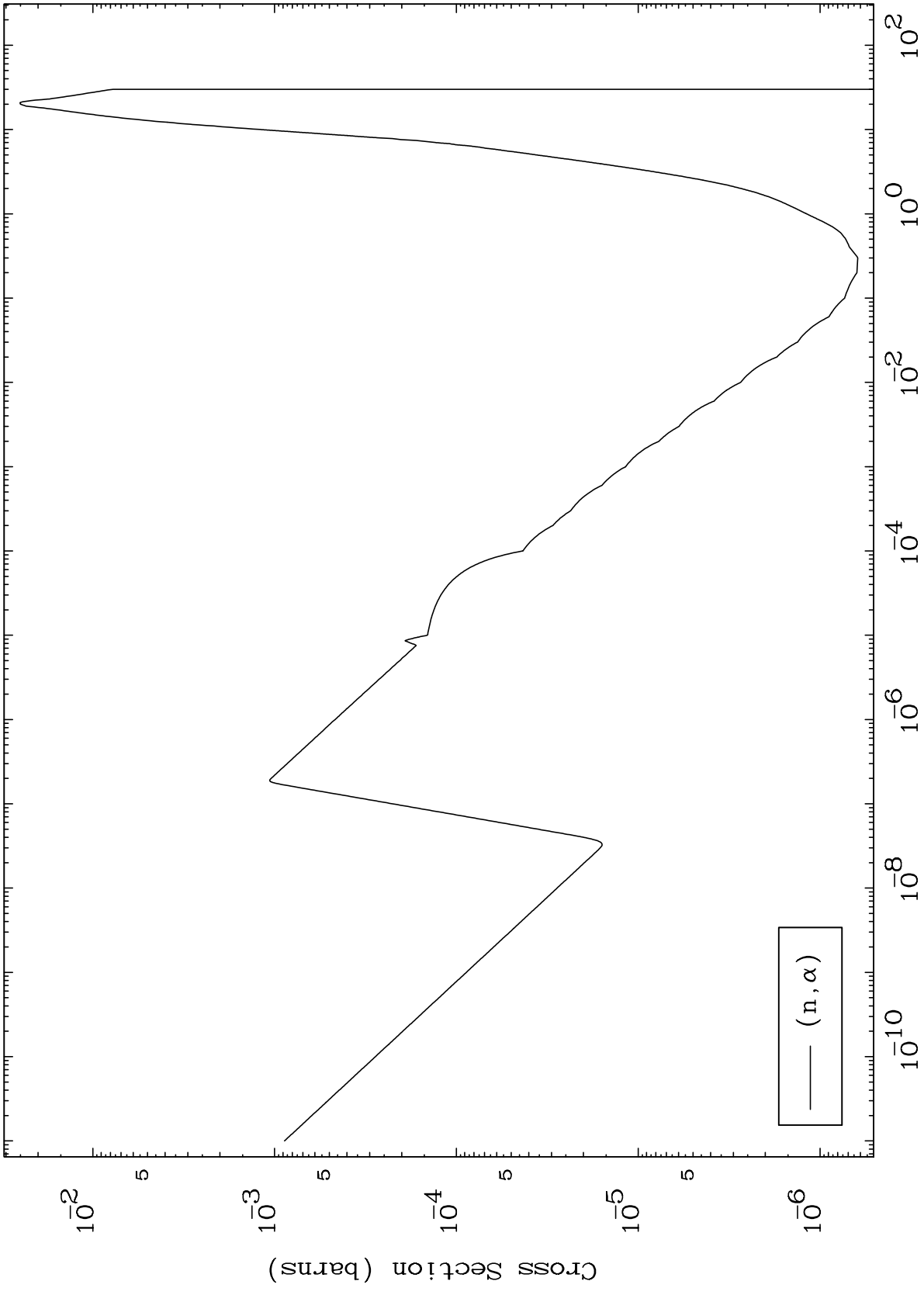
Incident Energy (MeV)

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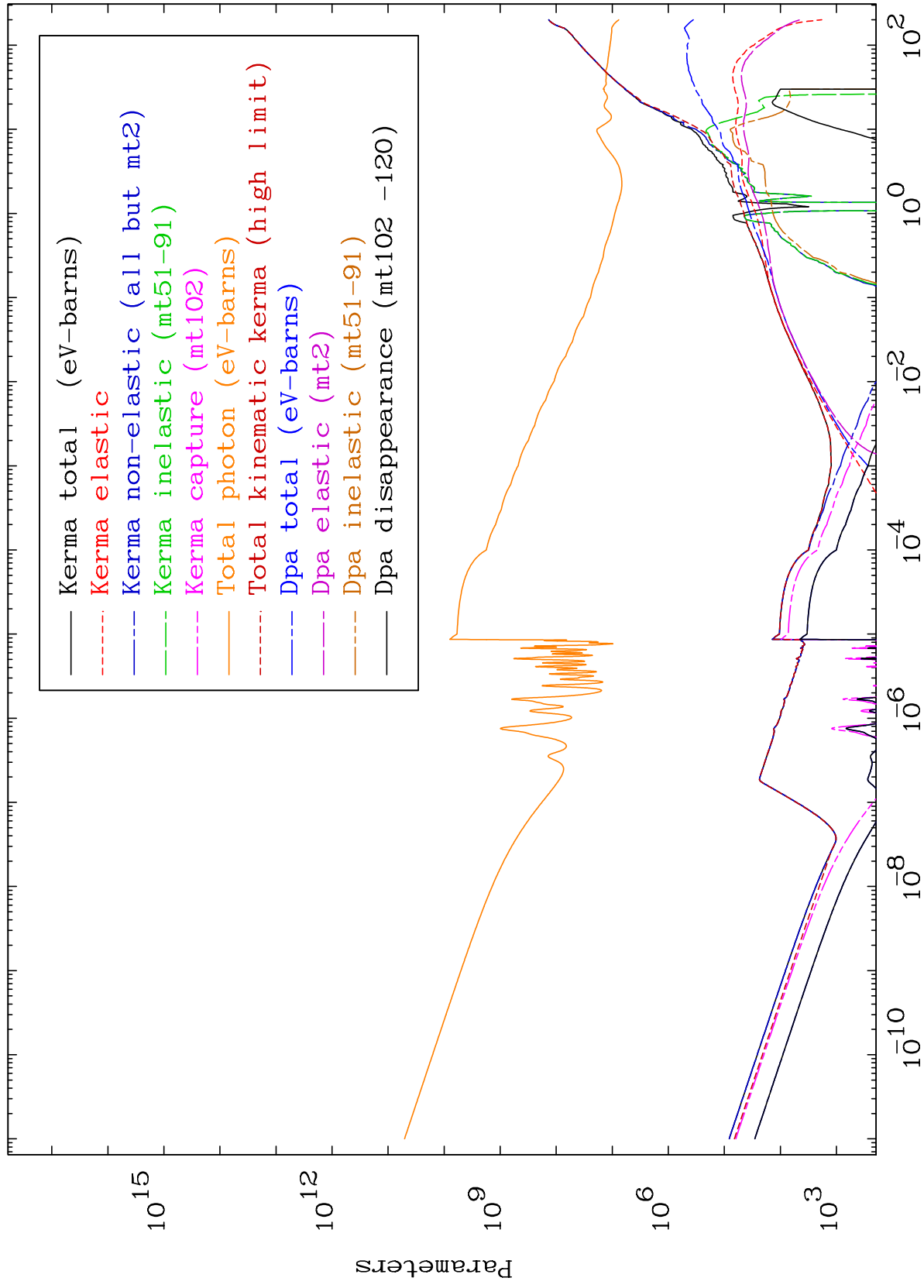
MAT 7107

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-169



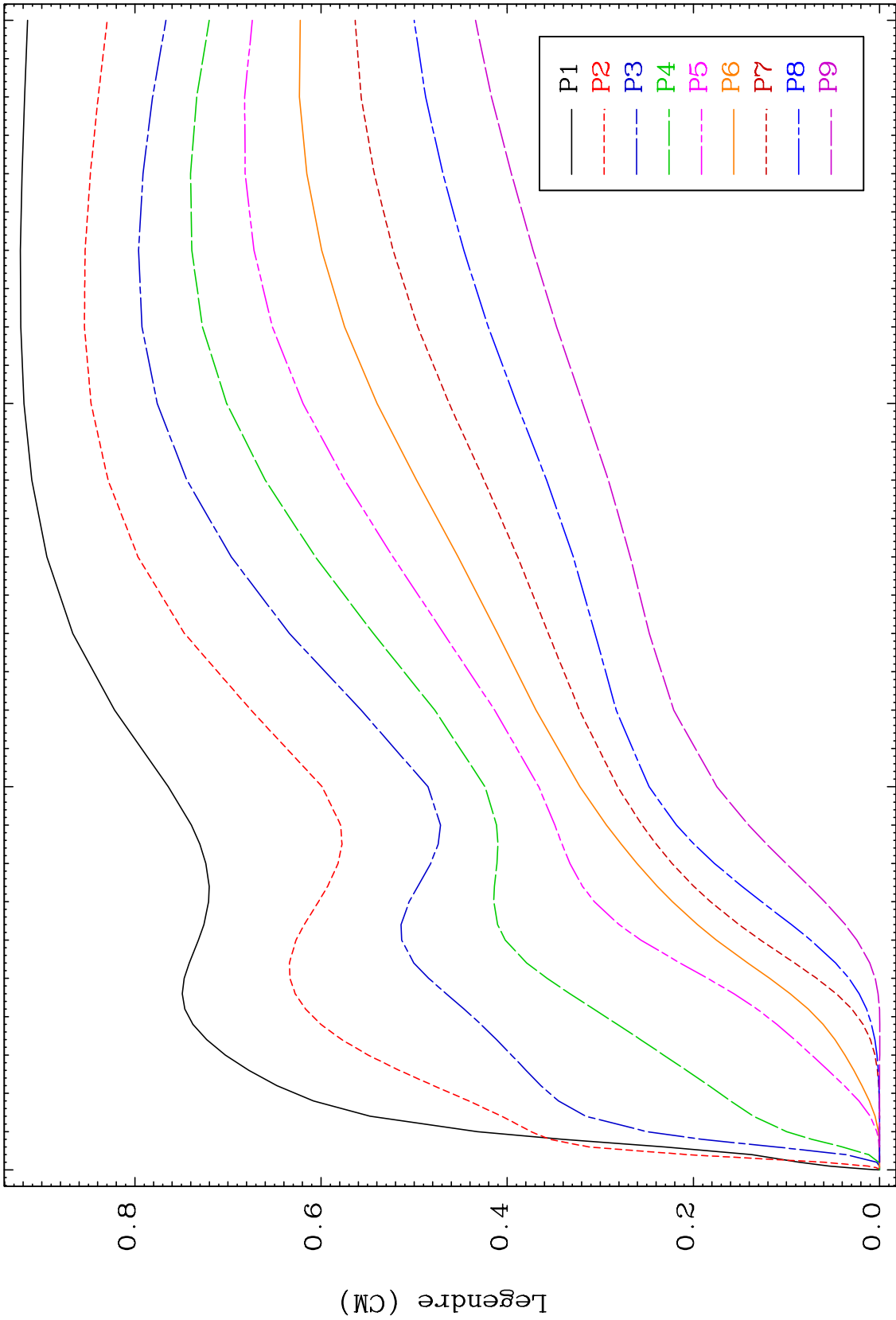
— (n, α)



MAT 7107

71-Lu-169

Elastic Legendre Coefficients



16

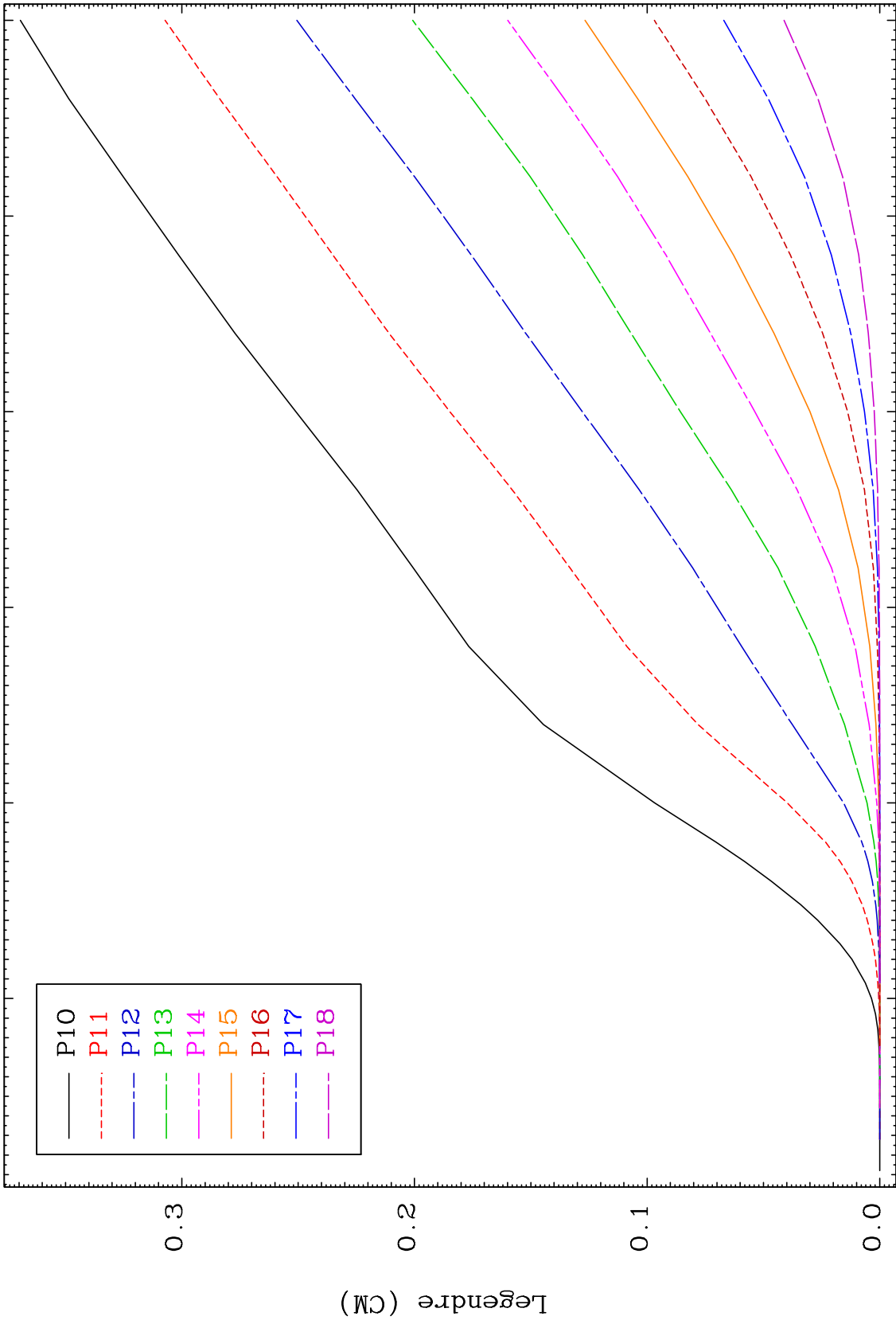
Incident Energy (MeV)

71-Lu-169

MAT 7107

Elastic Legendre Coefficients

71-Lu-169



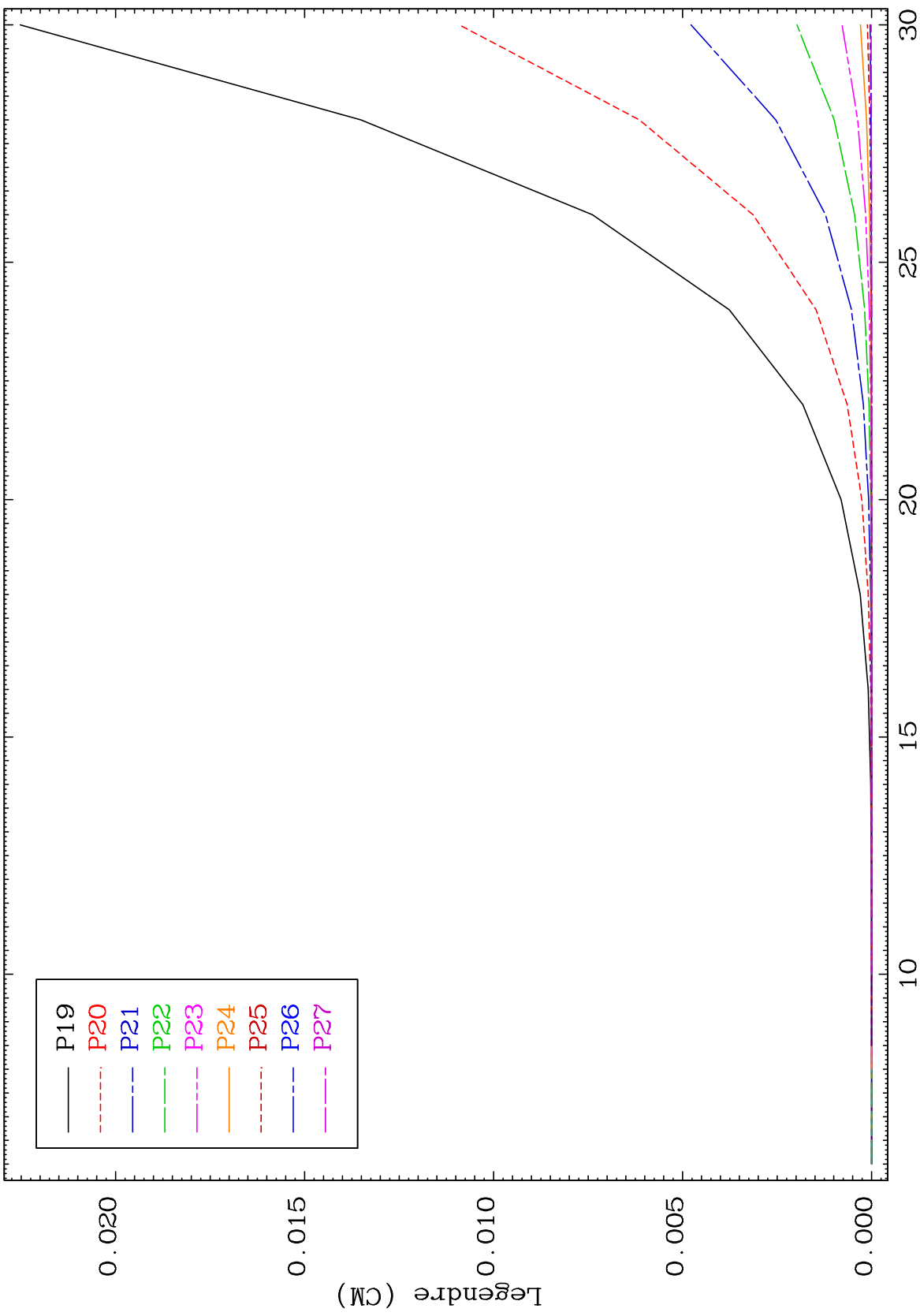
17

71-Lu-169

MAT 7107

Elastic Legendre Coefficients

71-Lu-169



18

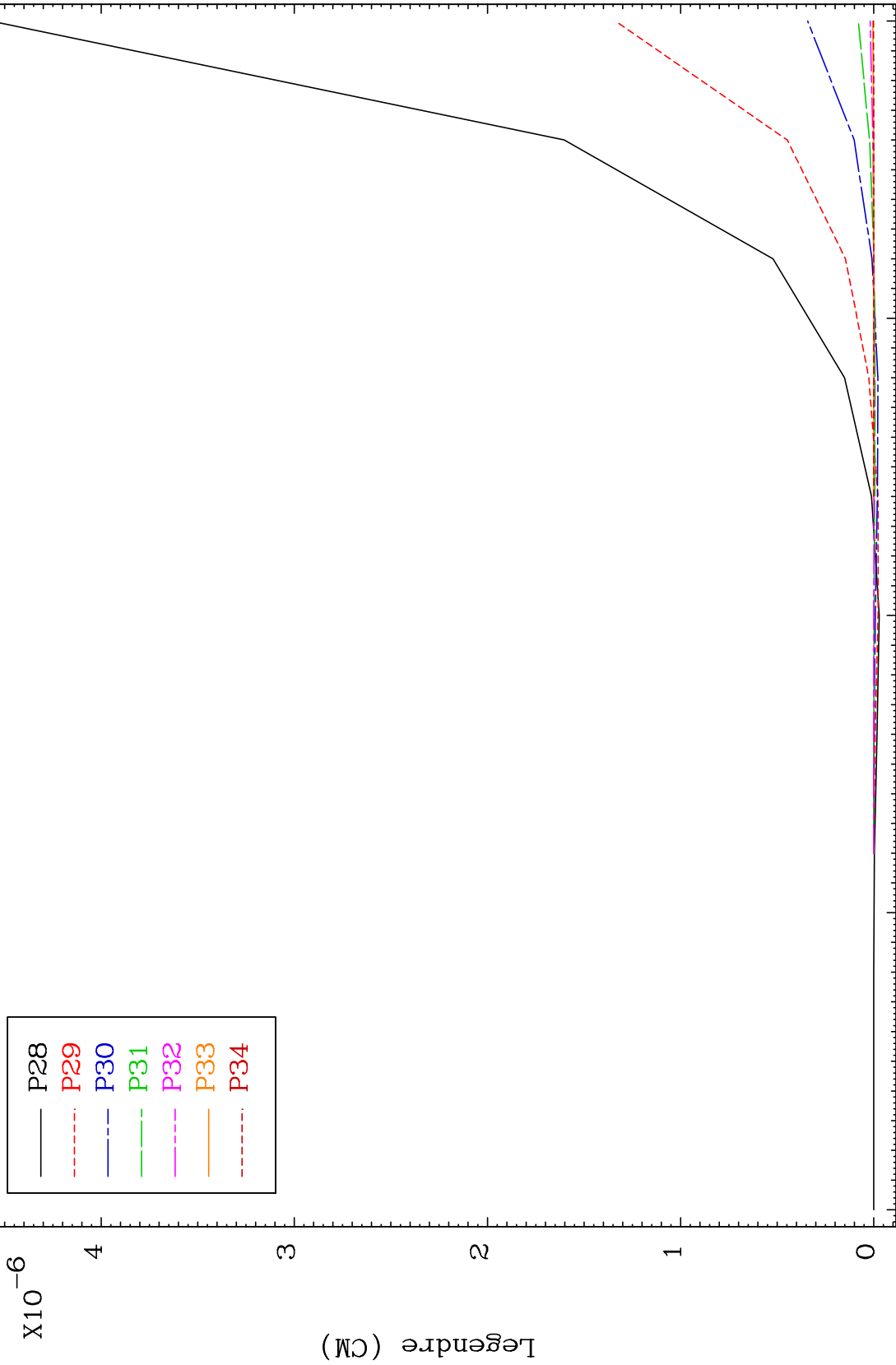
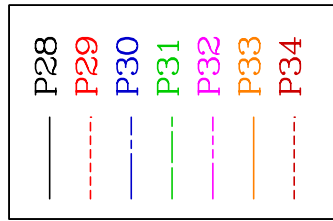
Incident Energy (MeV)

71-Lu-169

MAT 7107

Elastic Legendre Coefficients

71-Lu-169

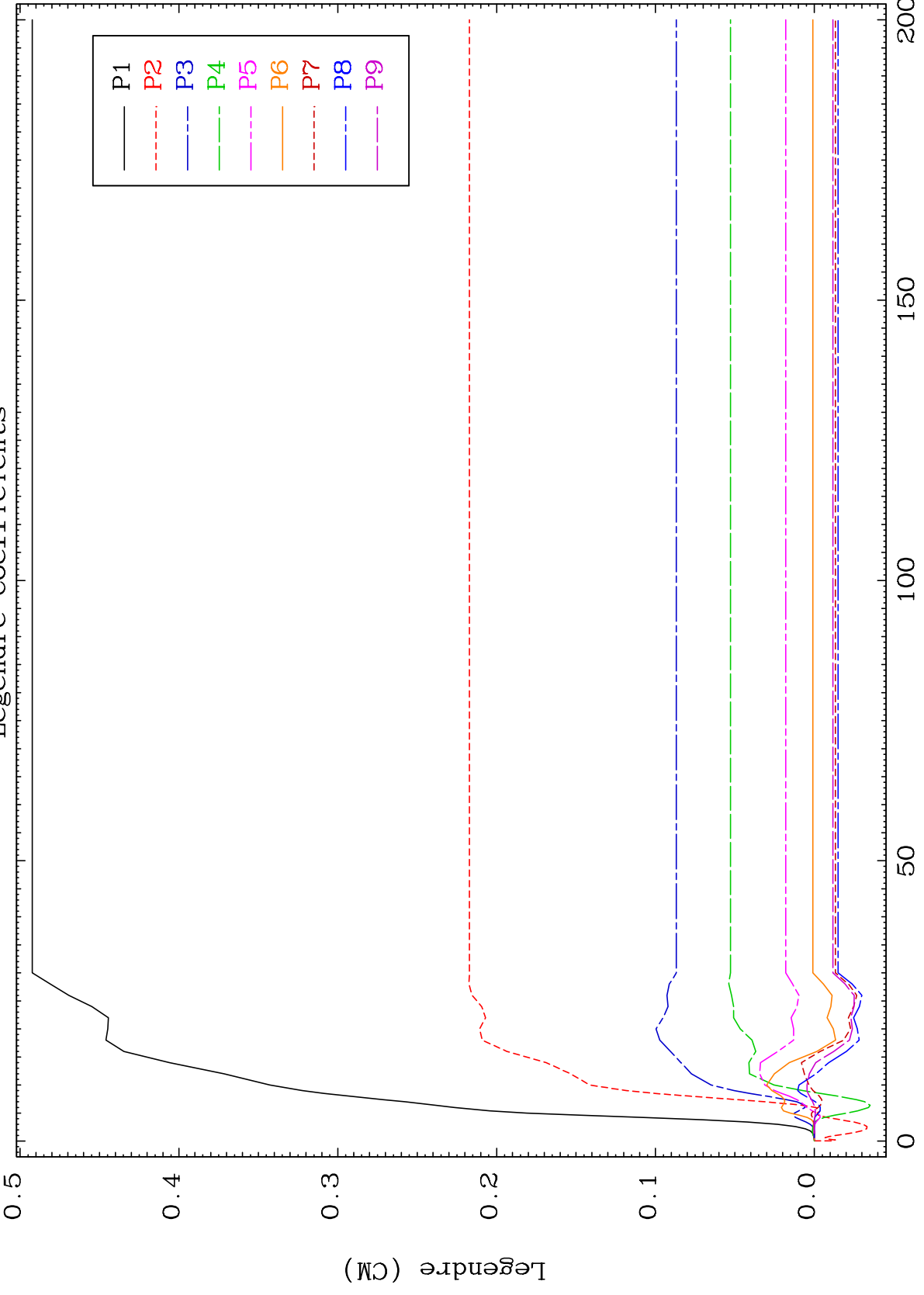


19

Incident Energy (MeV)

71-Lu-169

MAT 7107 MT= 51 (n,n') Level Legendre Coefficients 71-Lu-169

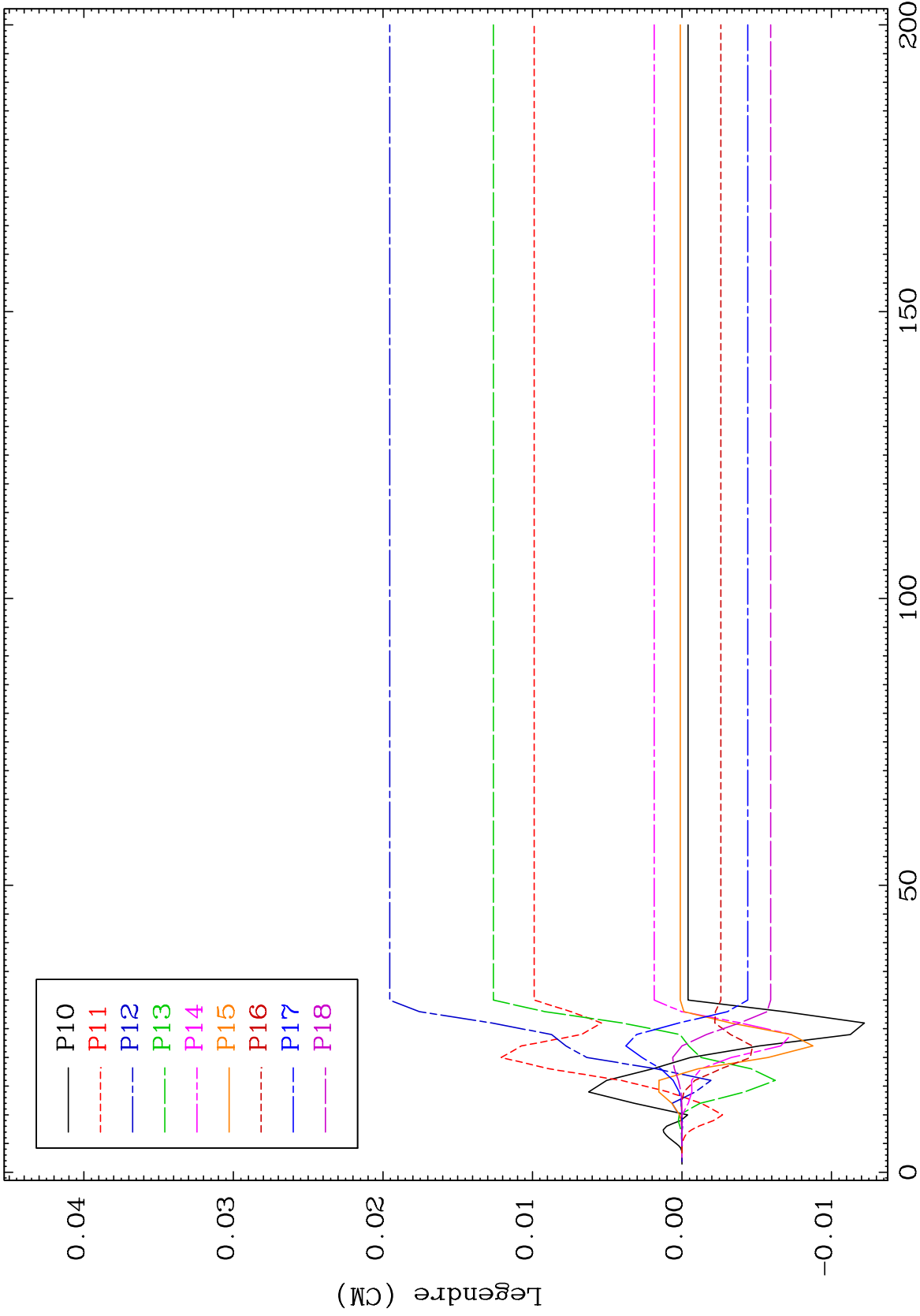


71-Lu-169

MAT 7107

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

71-Lu-169



21

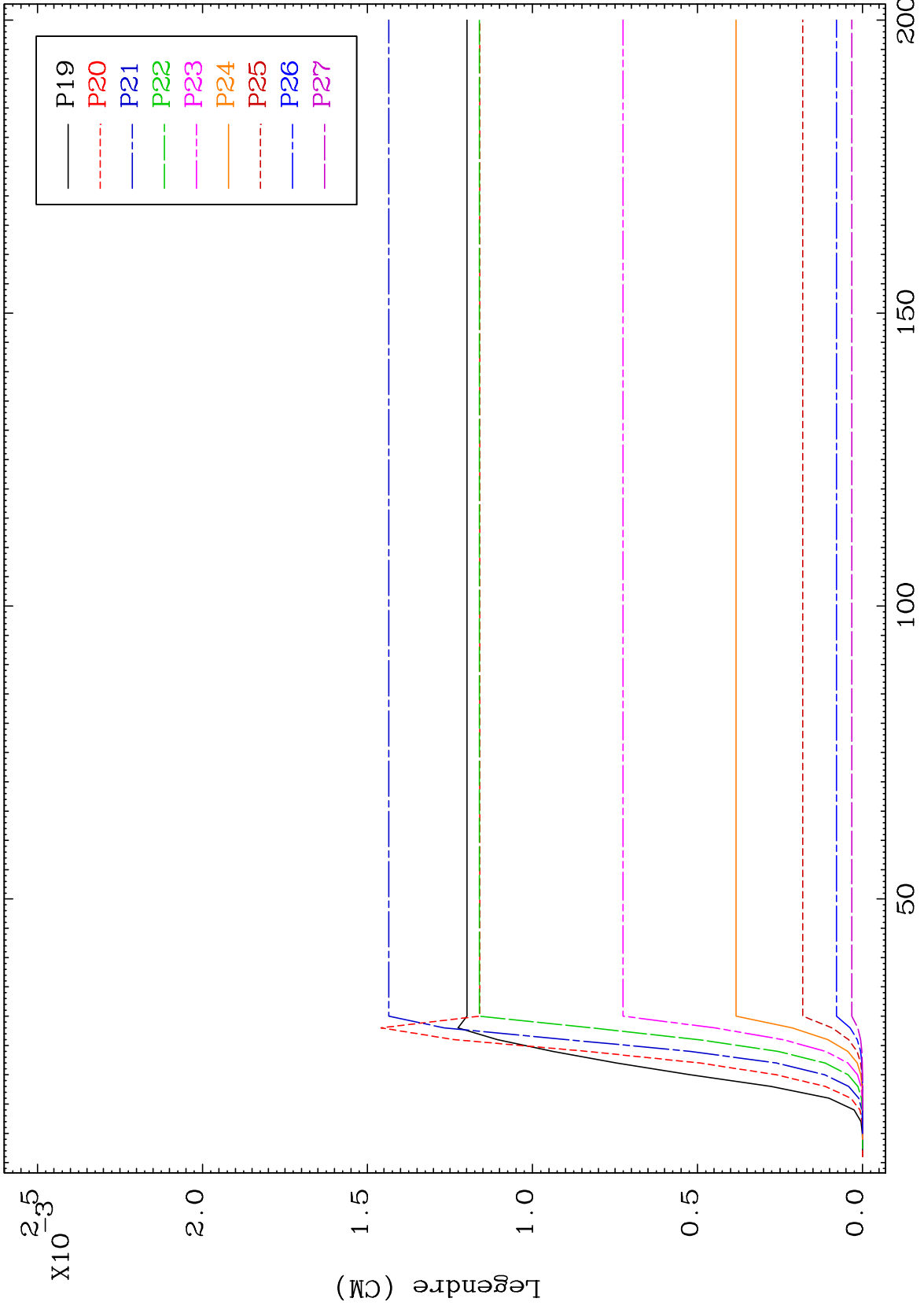
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

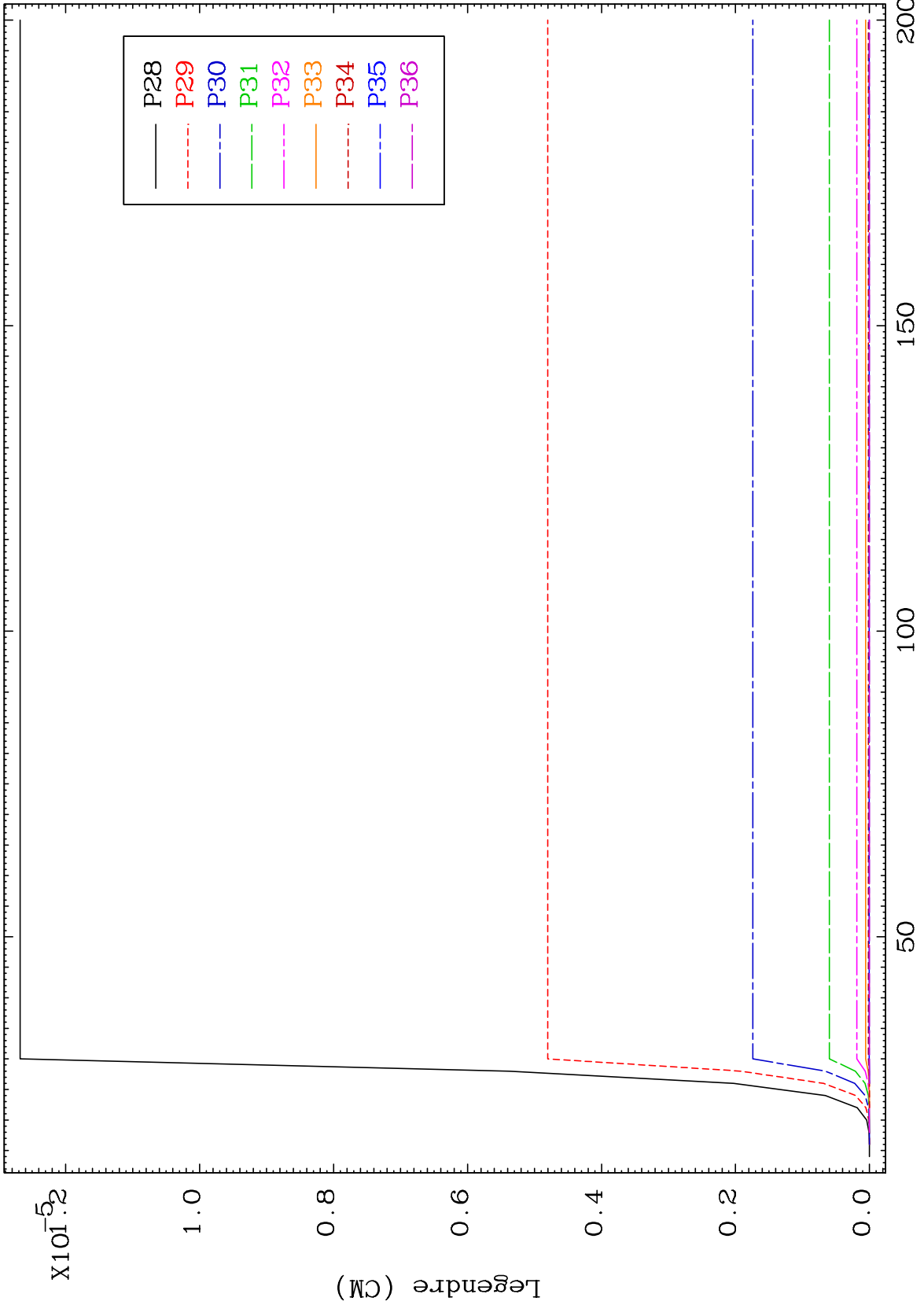
71-Lu-169



22

Incident Energy (MeV)

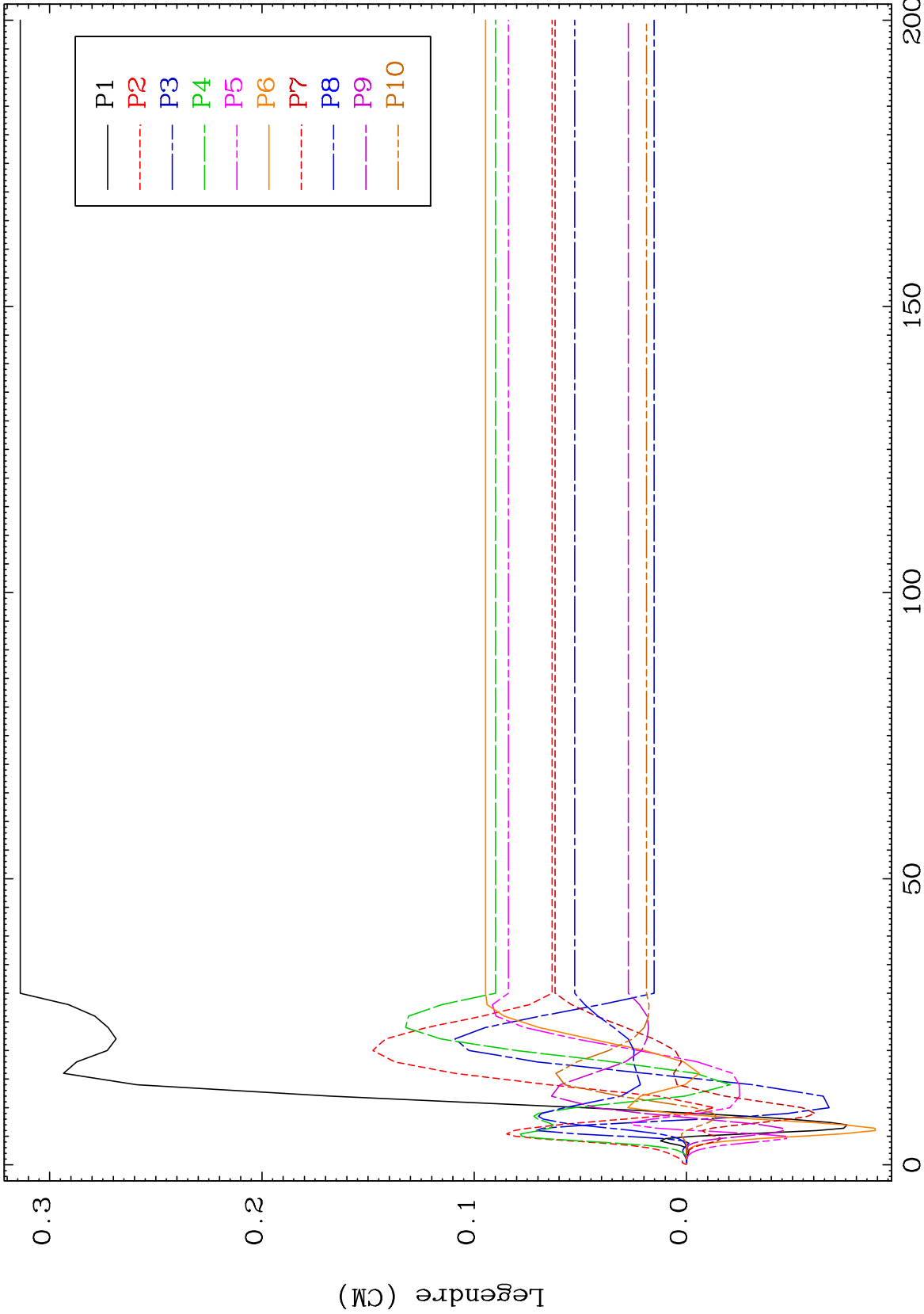
71-Lu-169



MAT 7107

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

71-Lu-169



24

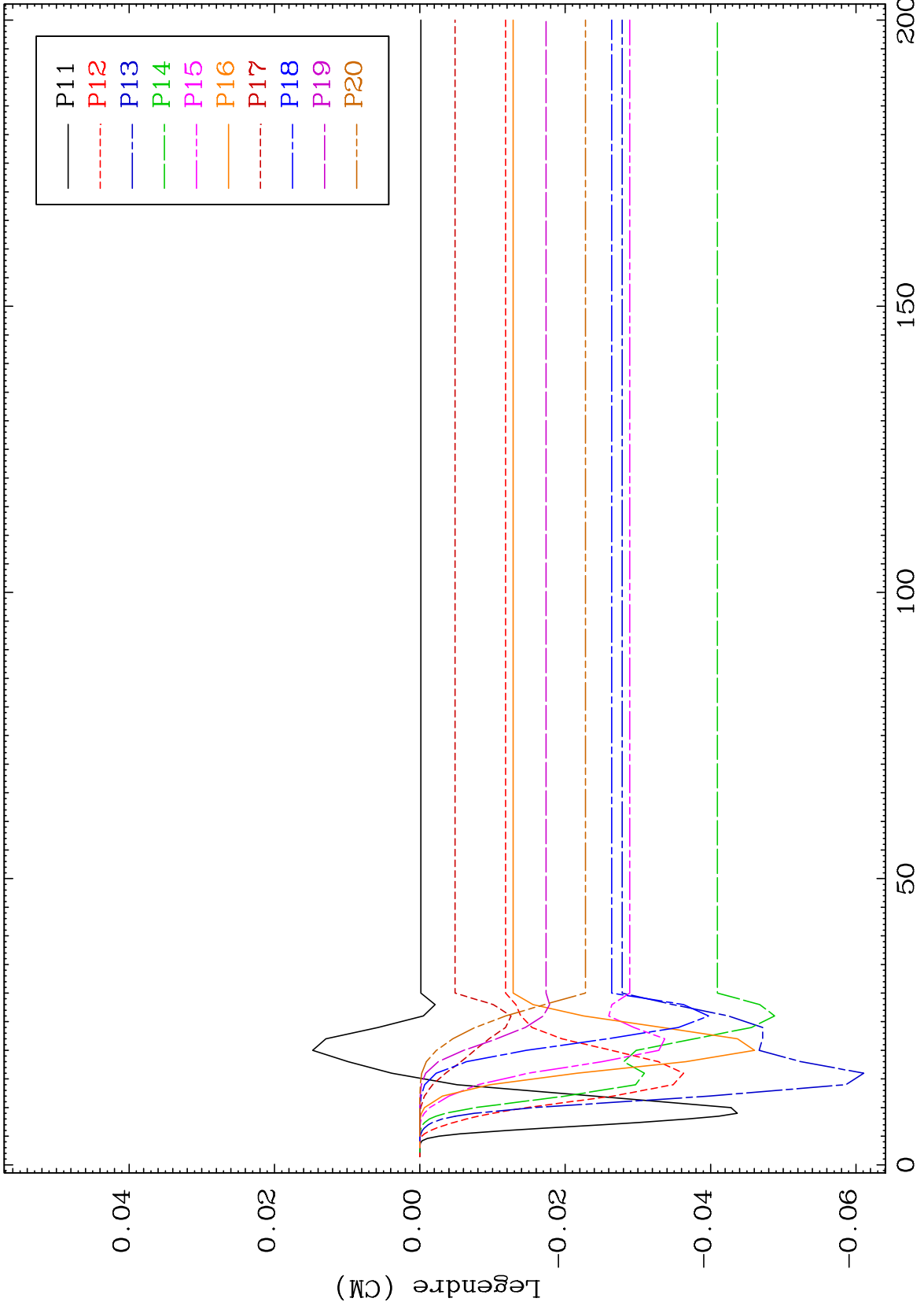
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

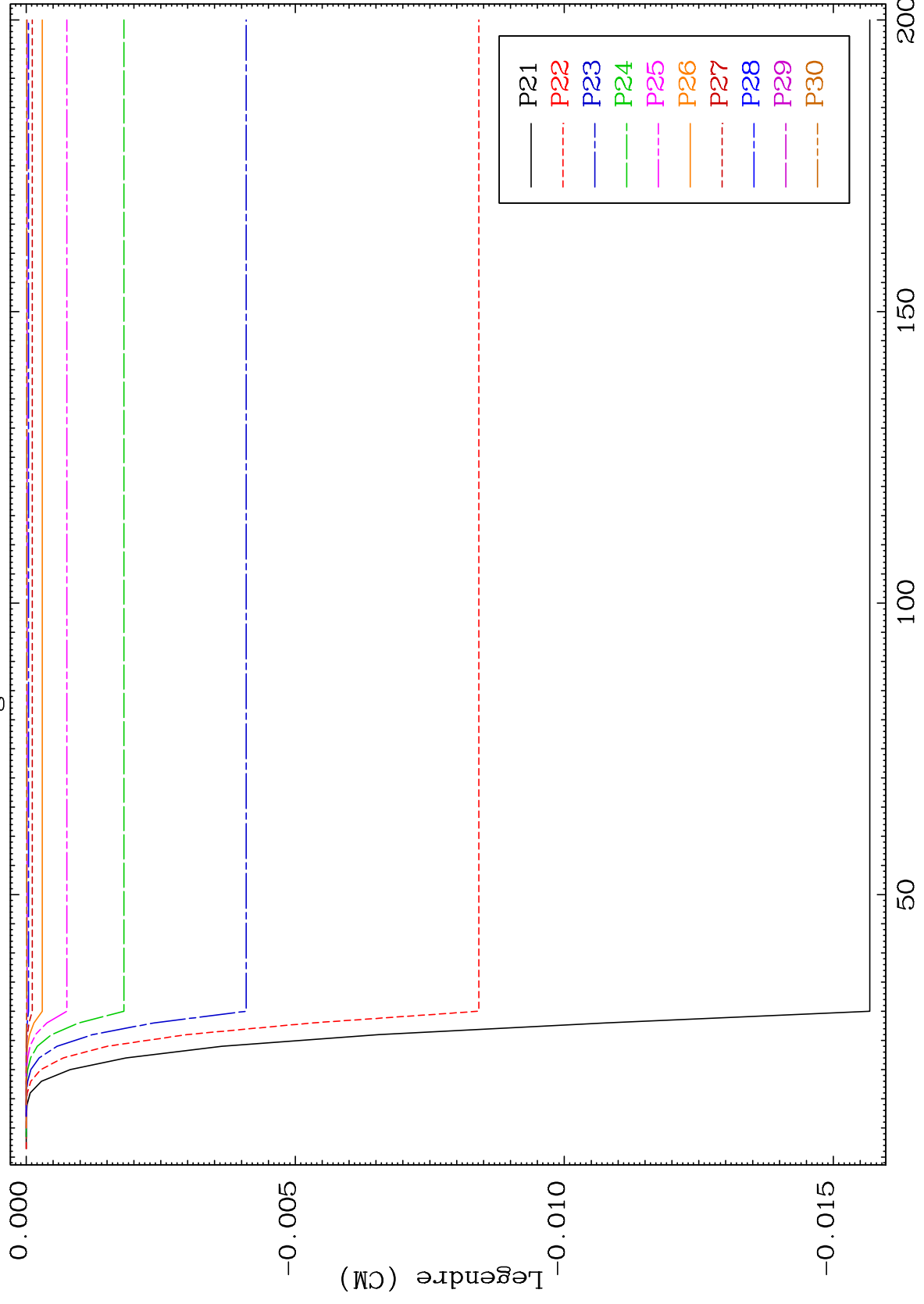
71-Lu-169



25

Incident Energy (MeV)

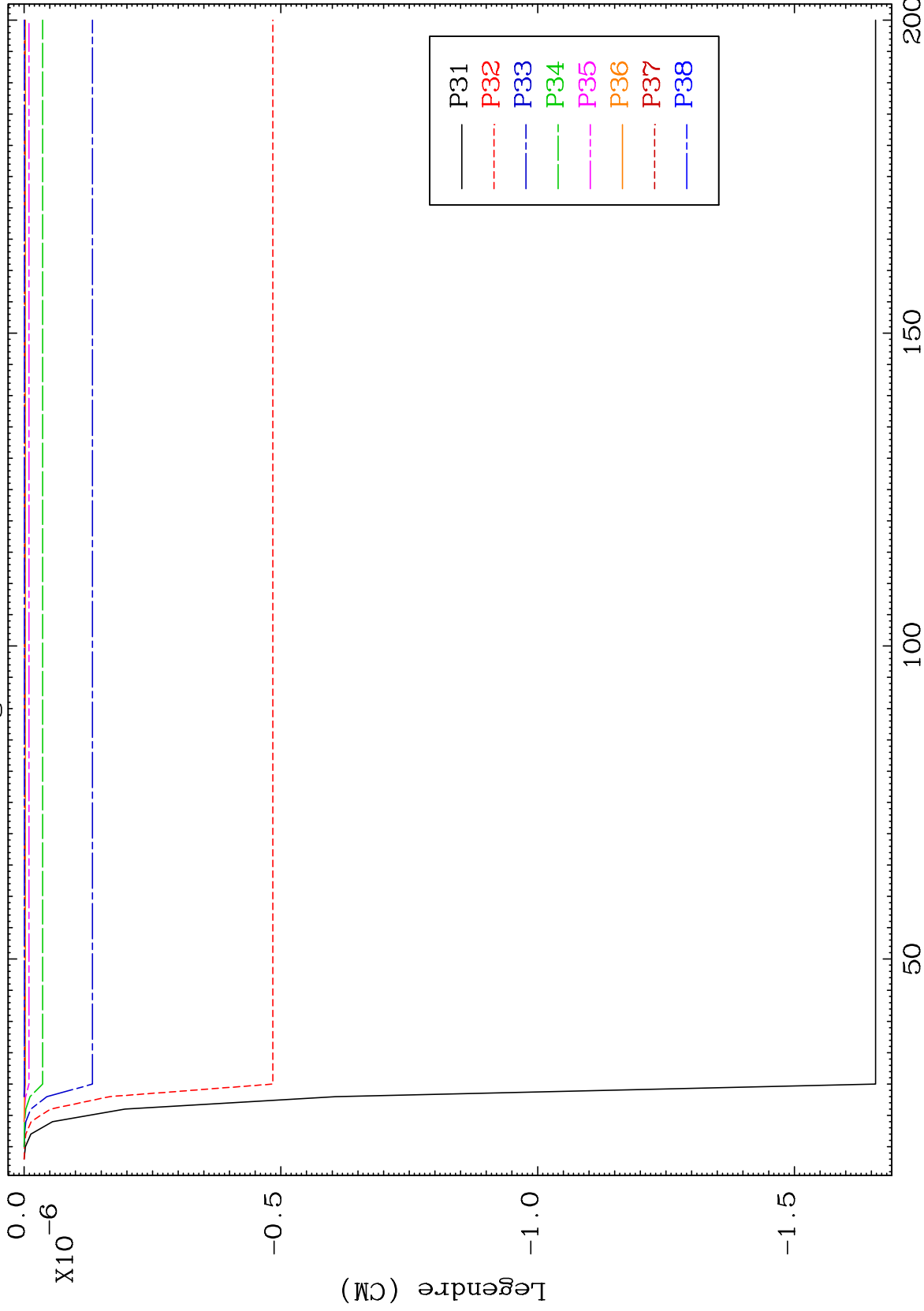
71-Lu-169



MAT 7107

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

71-Lu-169



27

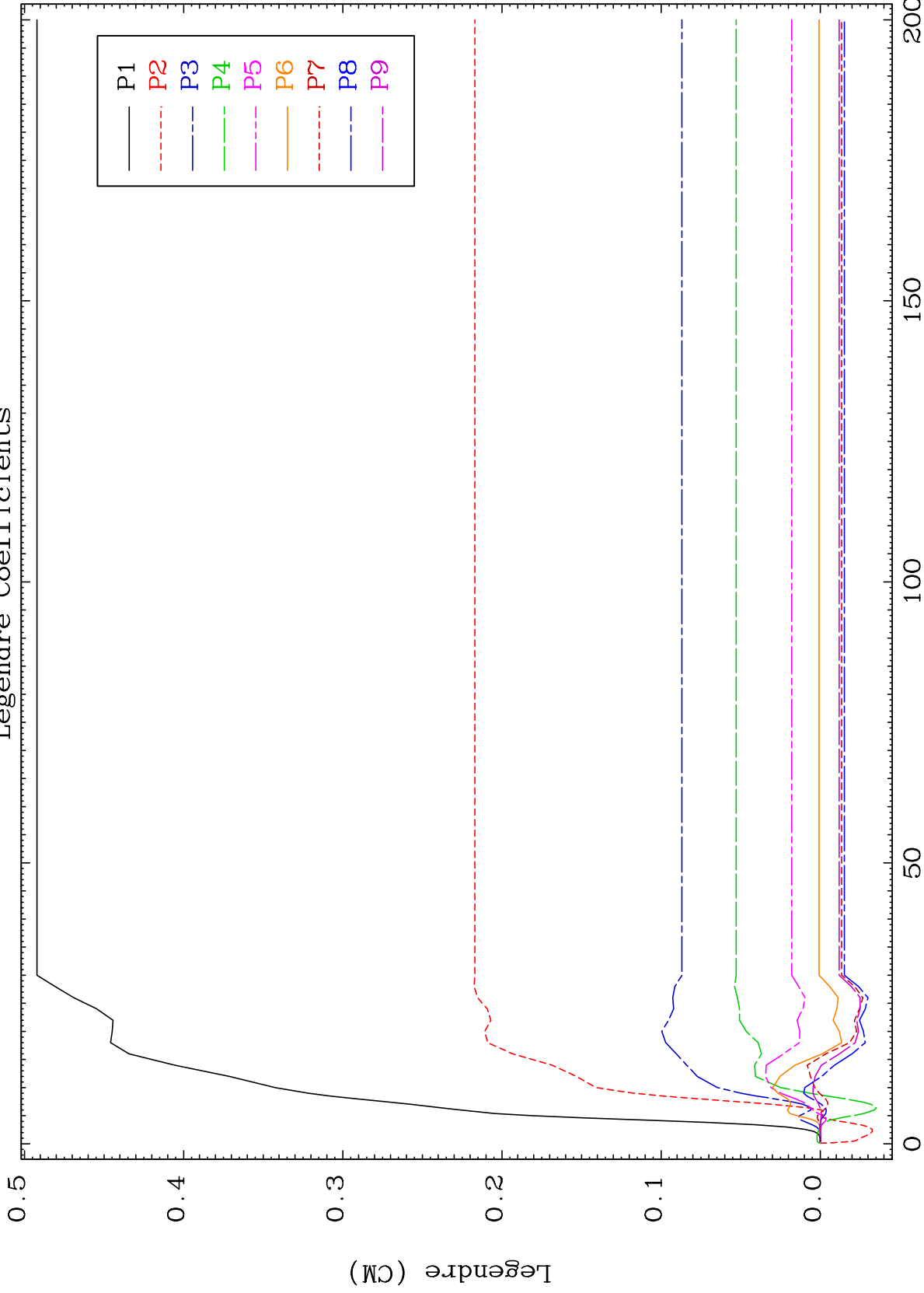
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



28

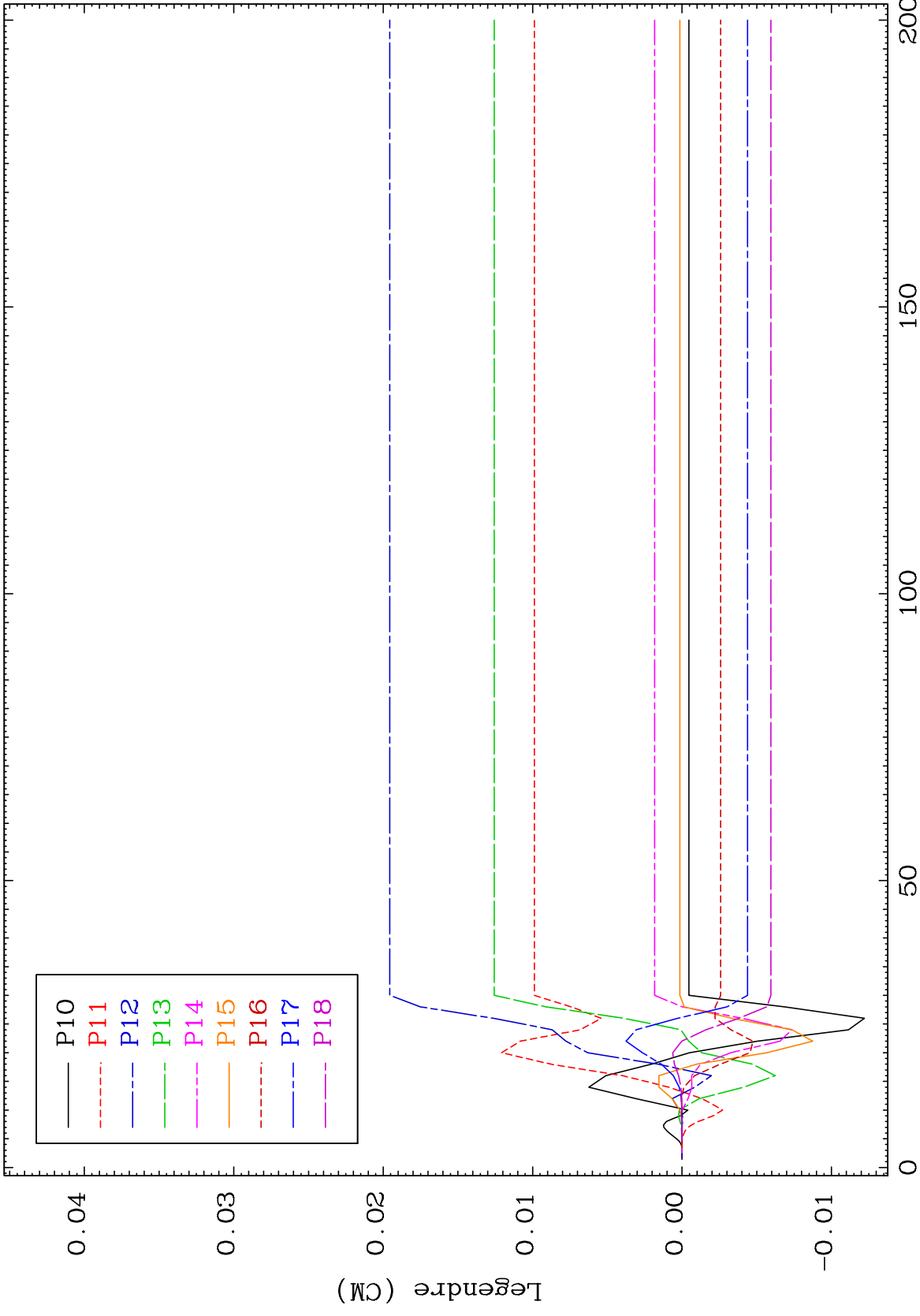
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



29

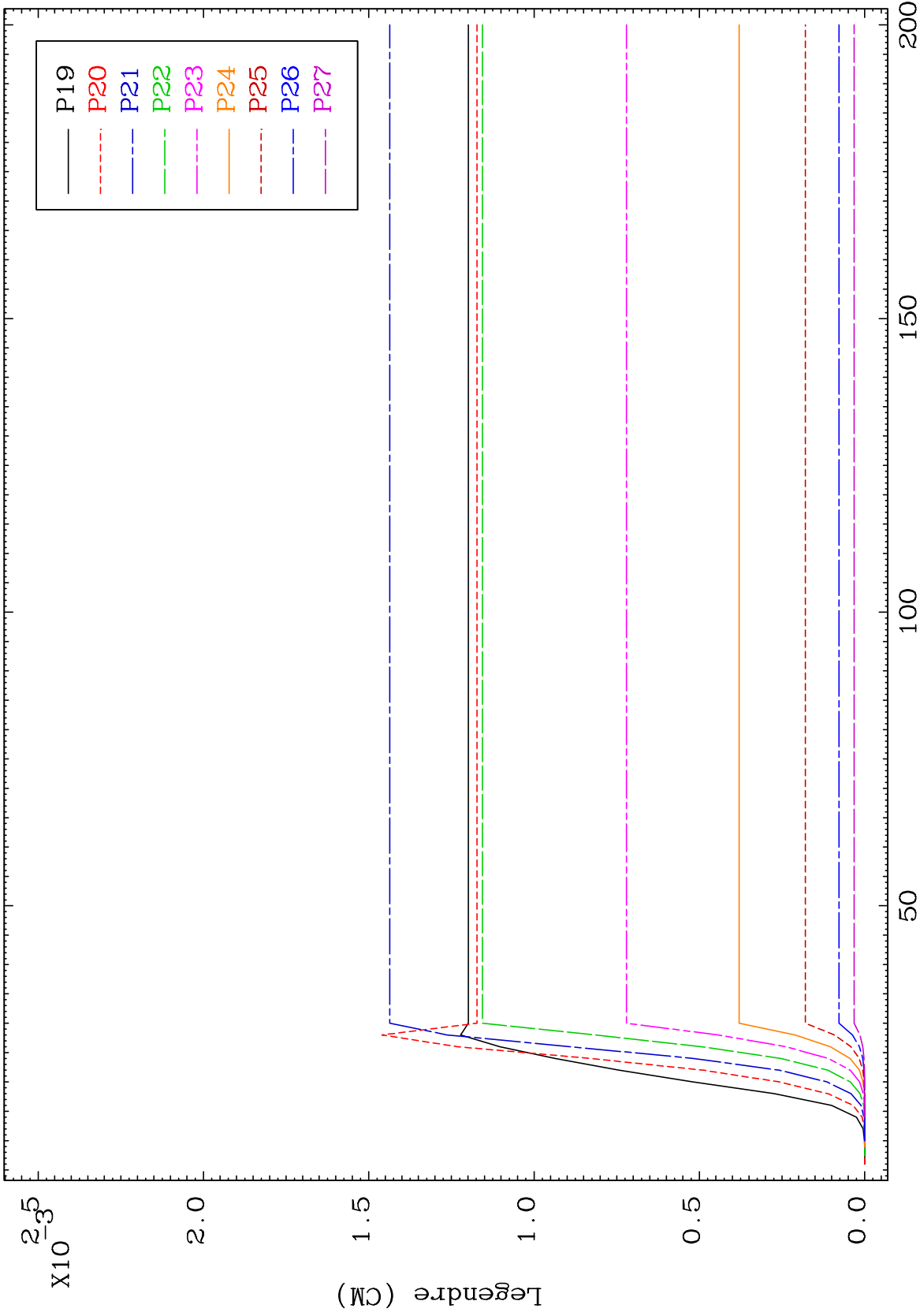
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

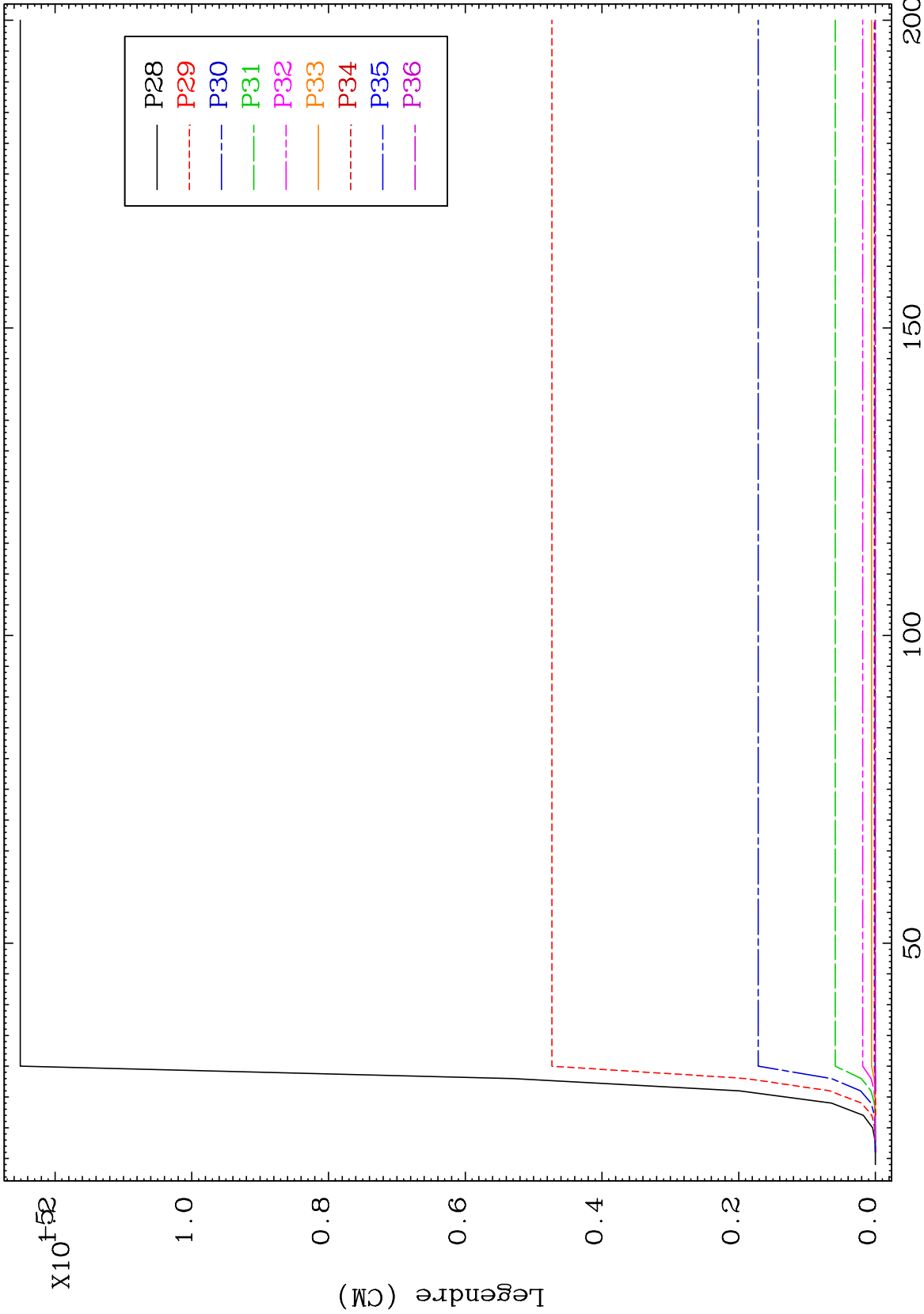
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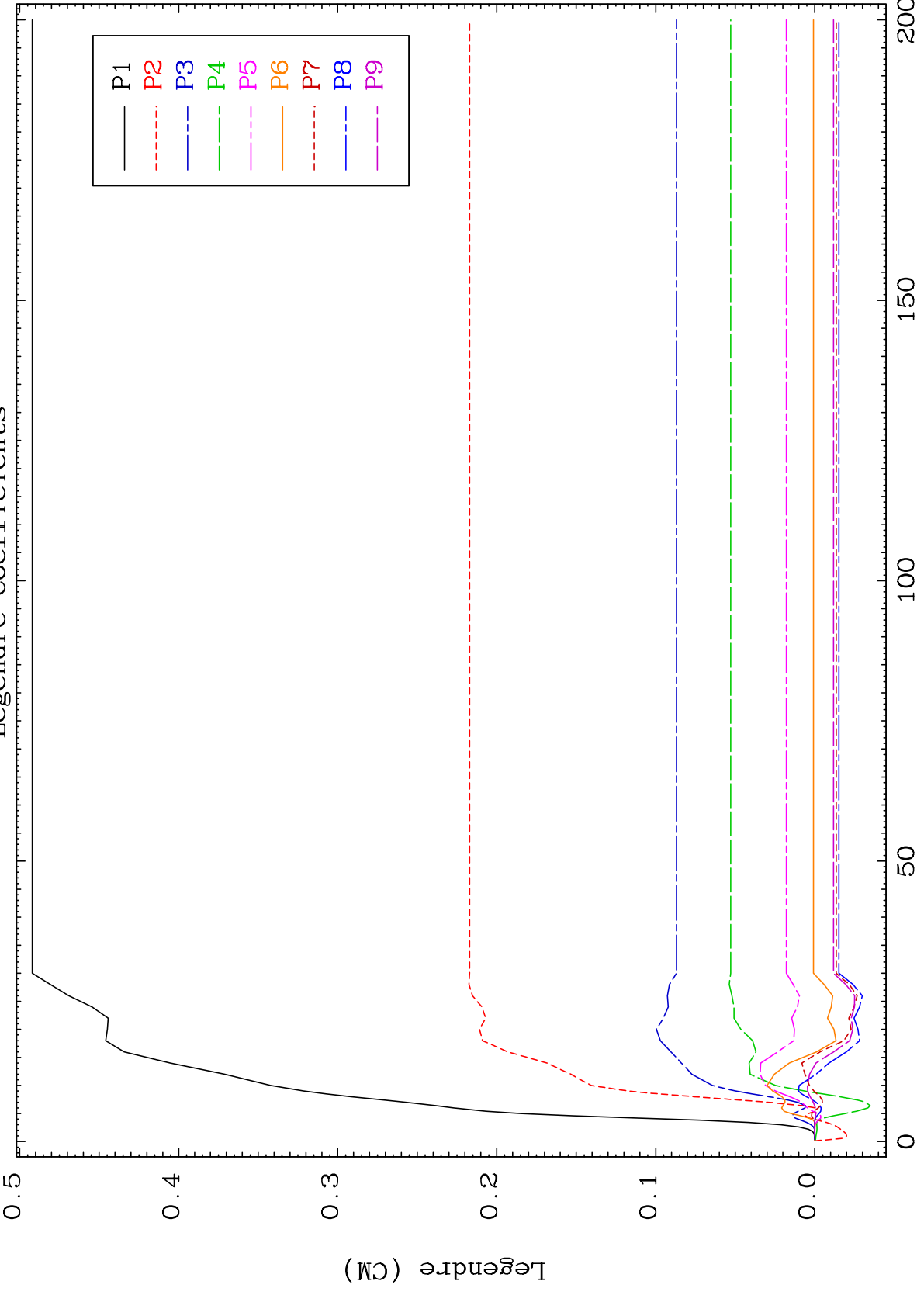
30

Incident Energy (MeV)

71-Lu-169



MAT 7107 MT= 54 (n,n') Level Legendre Coefficients 71-Lu-169

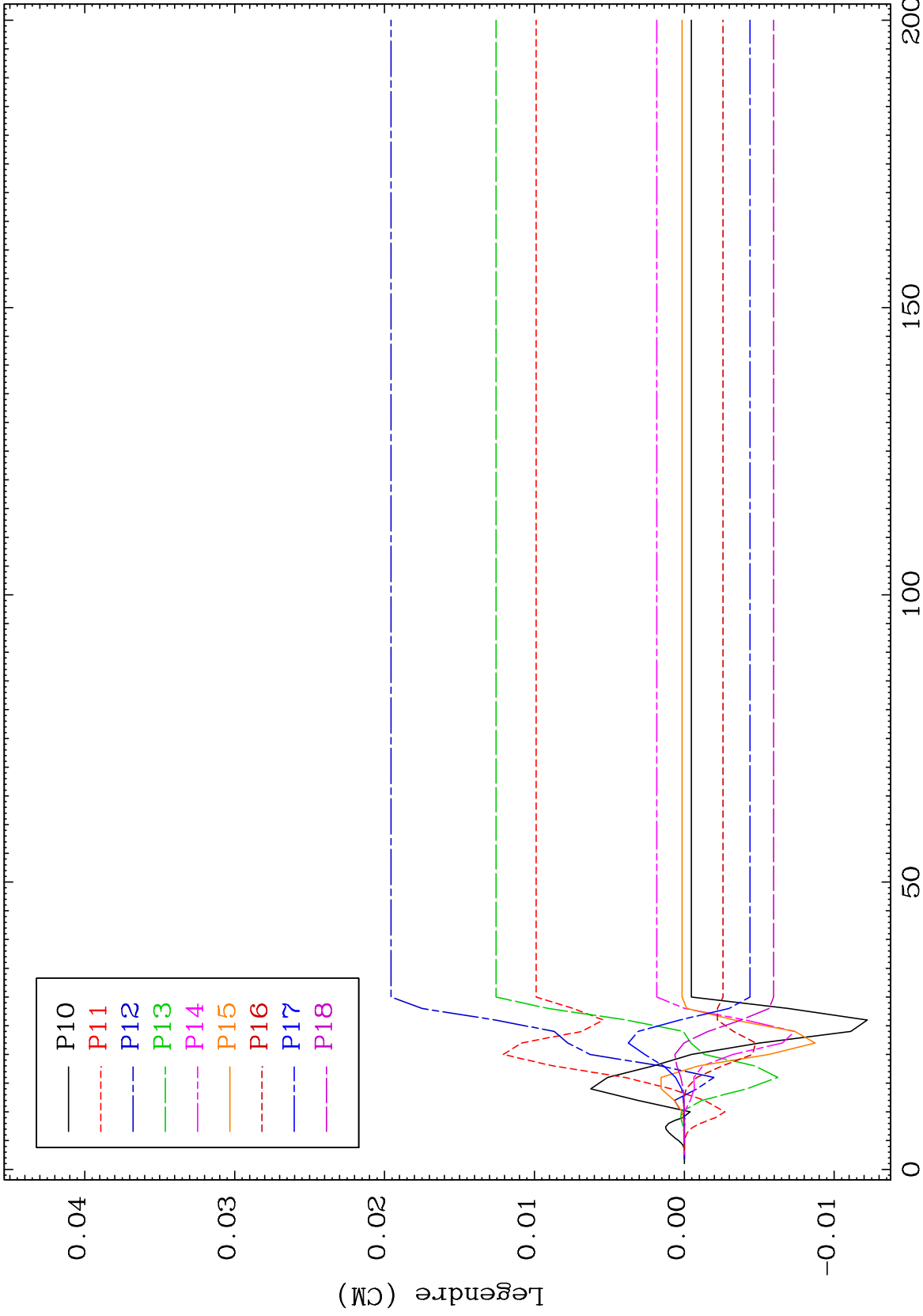


32 71-Lu-169

MAT 7107

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

71-Lu-169



33

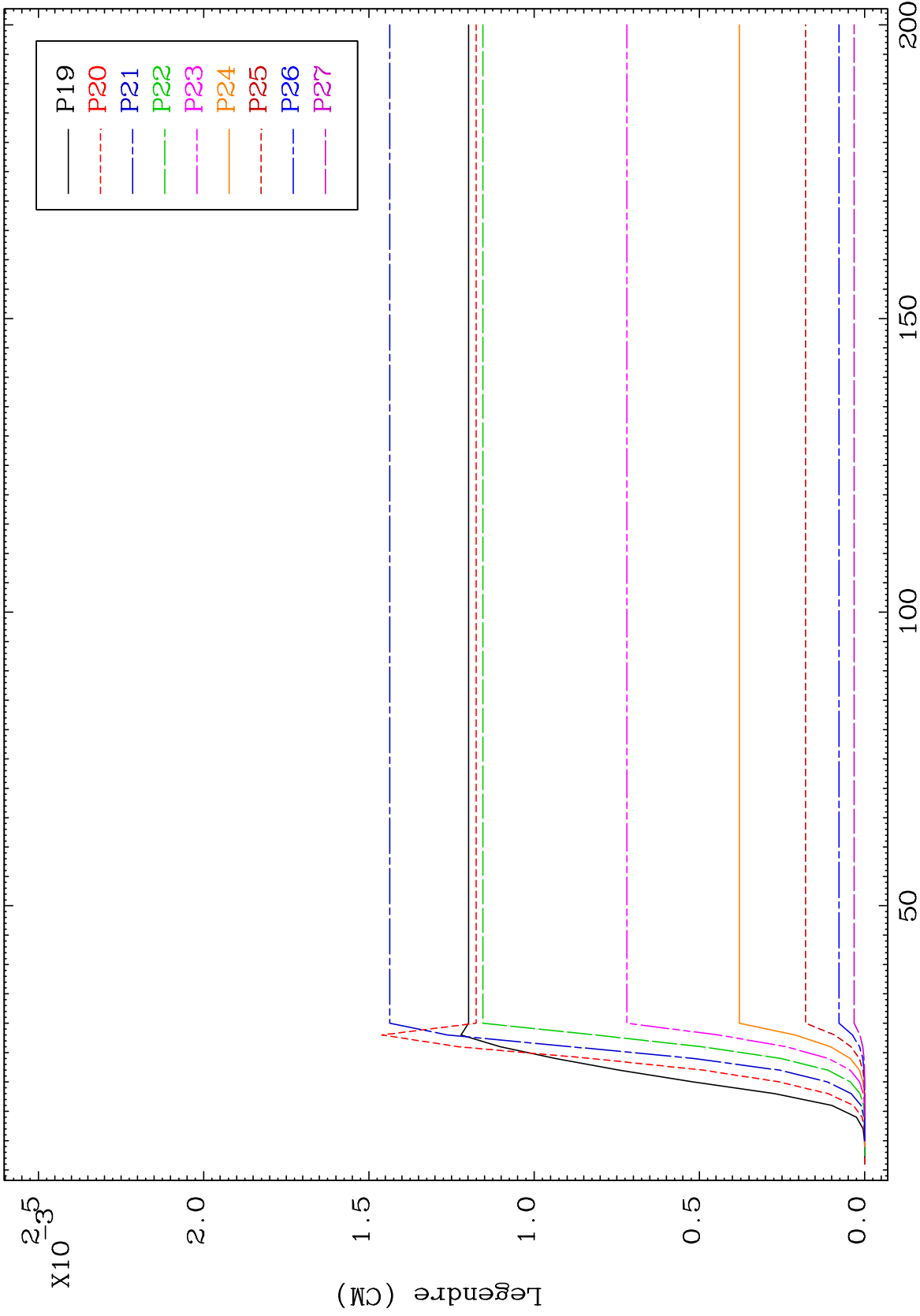
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



34

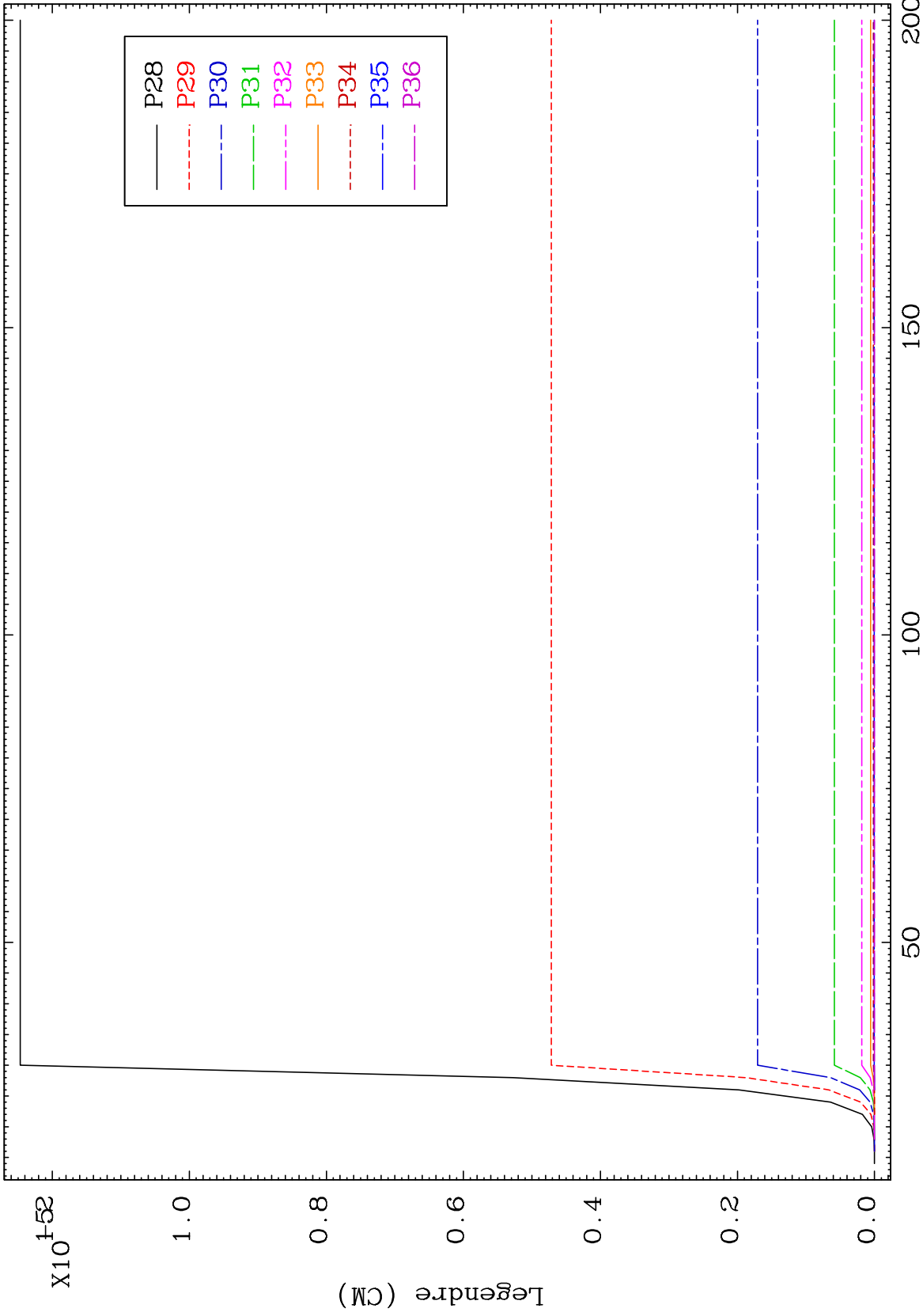
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169

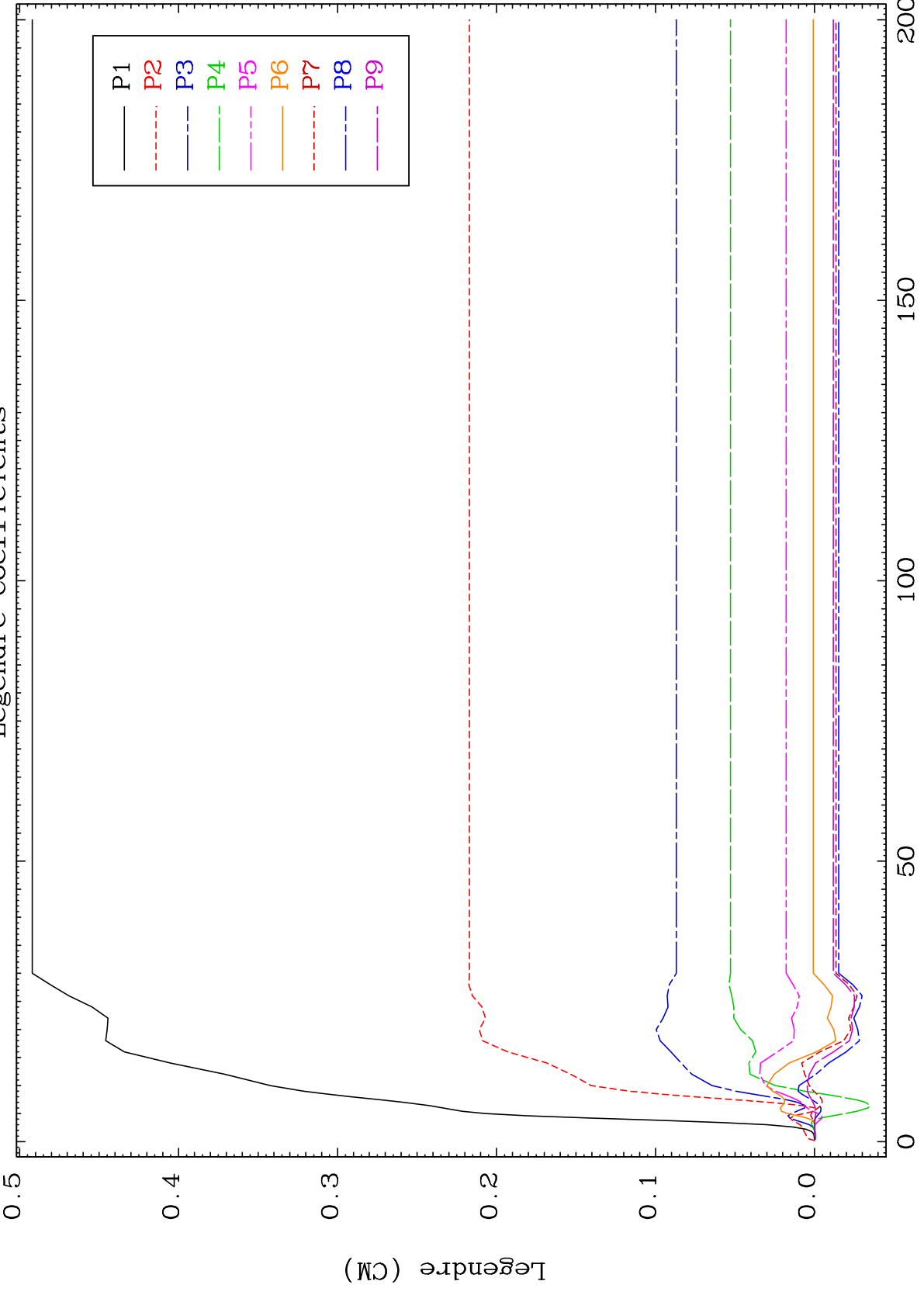


35

Incident Energy (MeV)

71-Lu-169

MAT 7107 MT= 55 (n,n') Level Legendre Coefficients 71-Lu-169

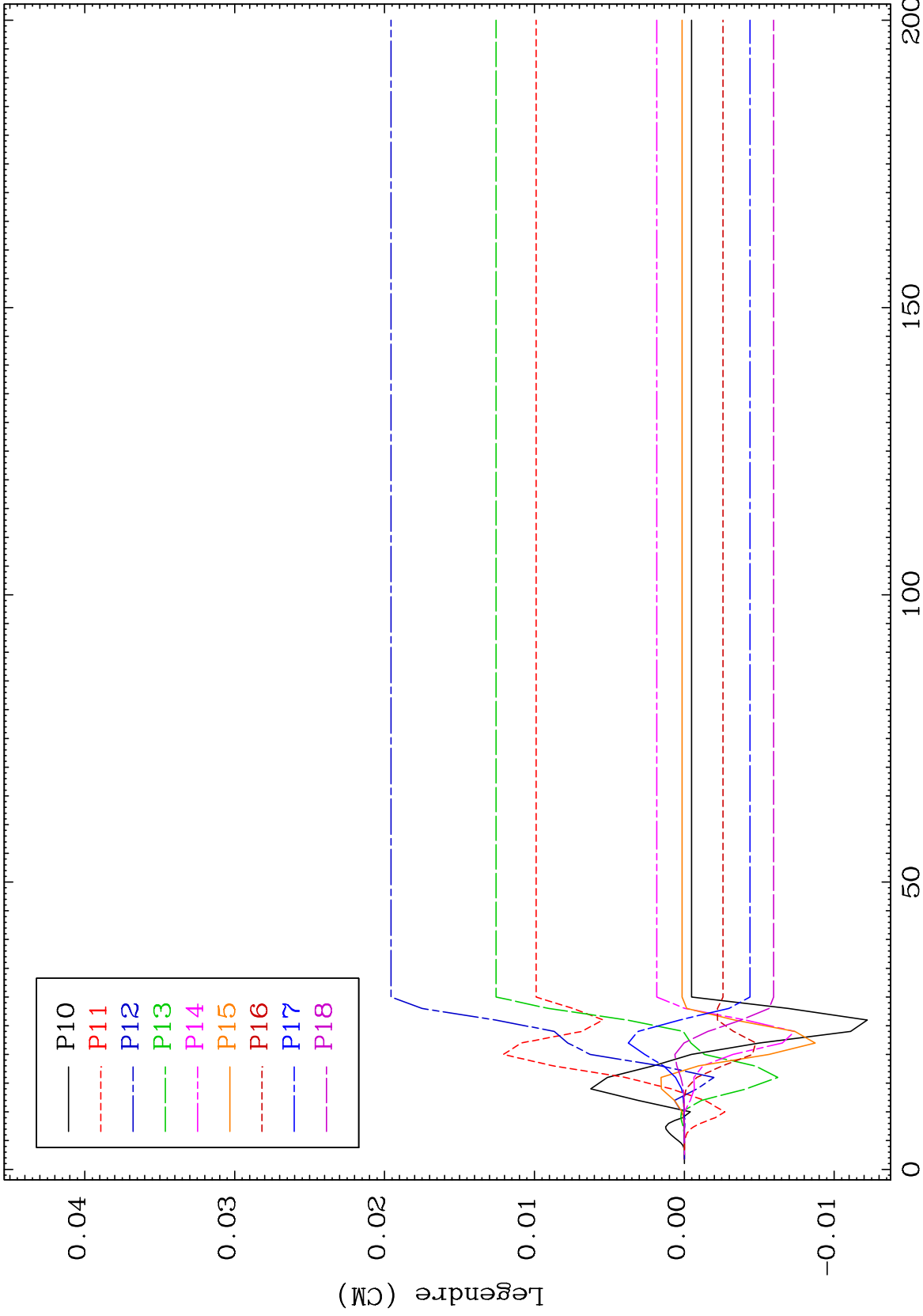


36 Incident Energy (MeV) 71-Lu-169

MAT 7107

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

71-Lu-169



37

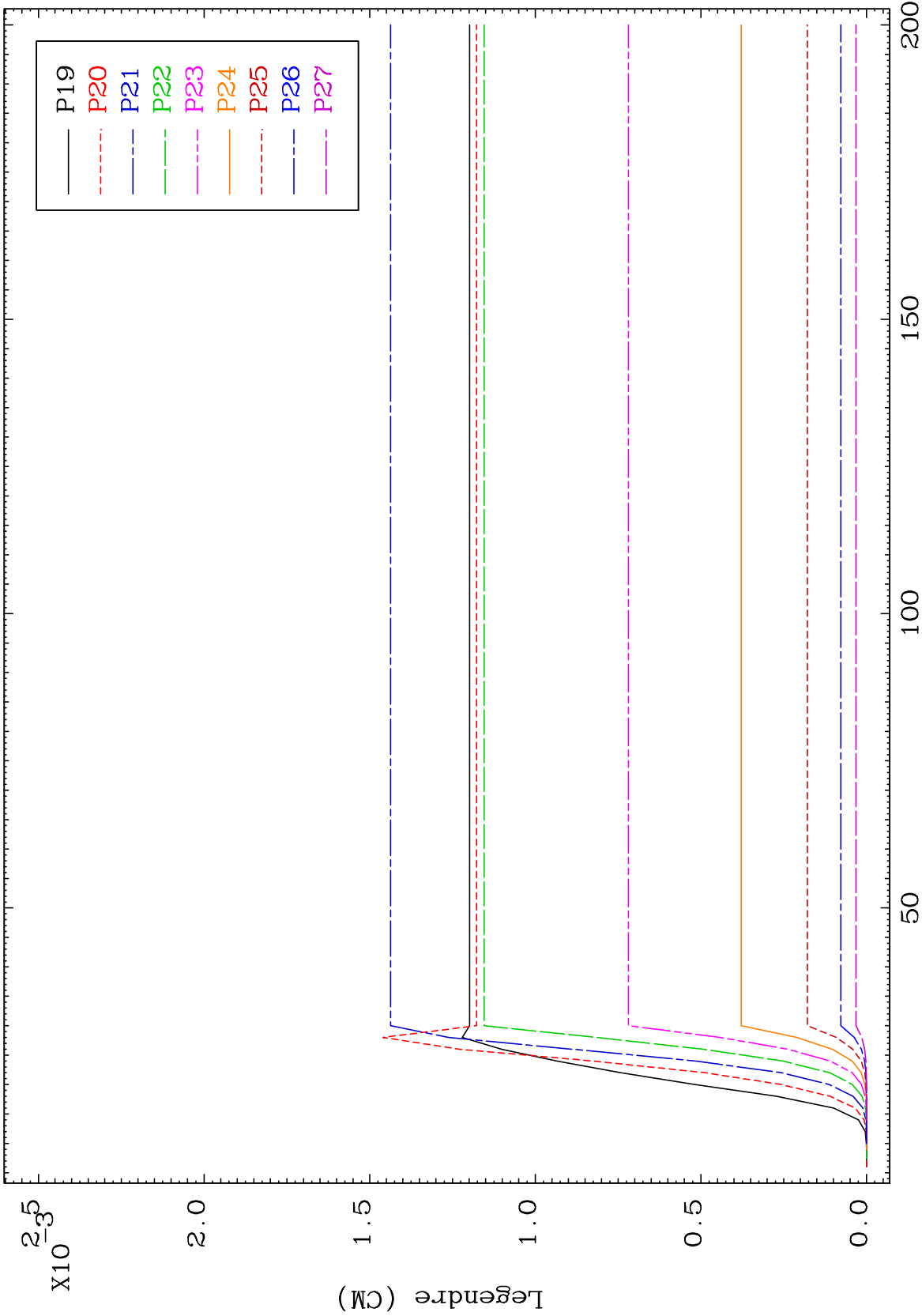
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

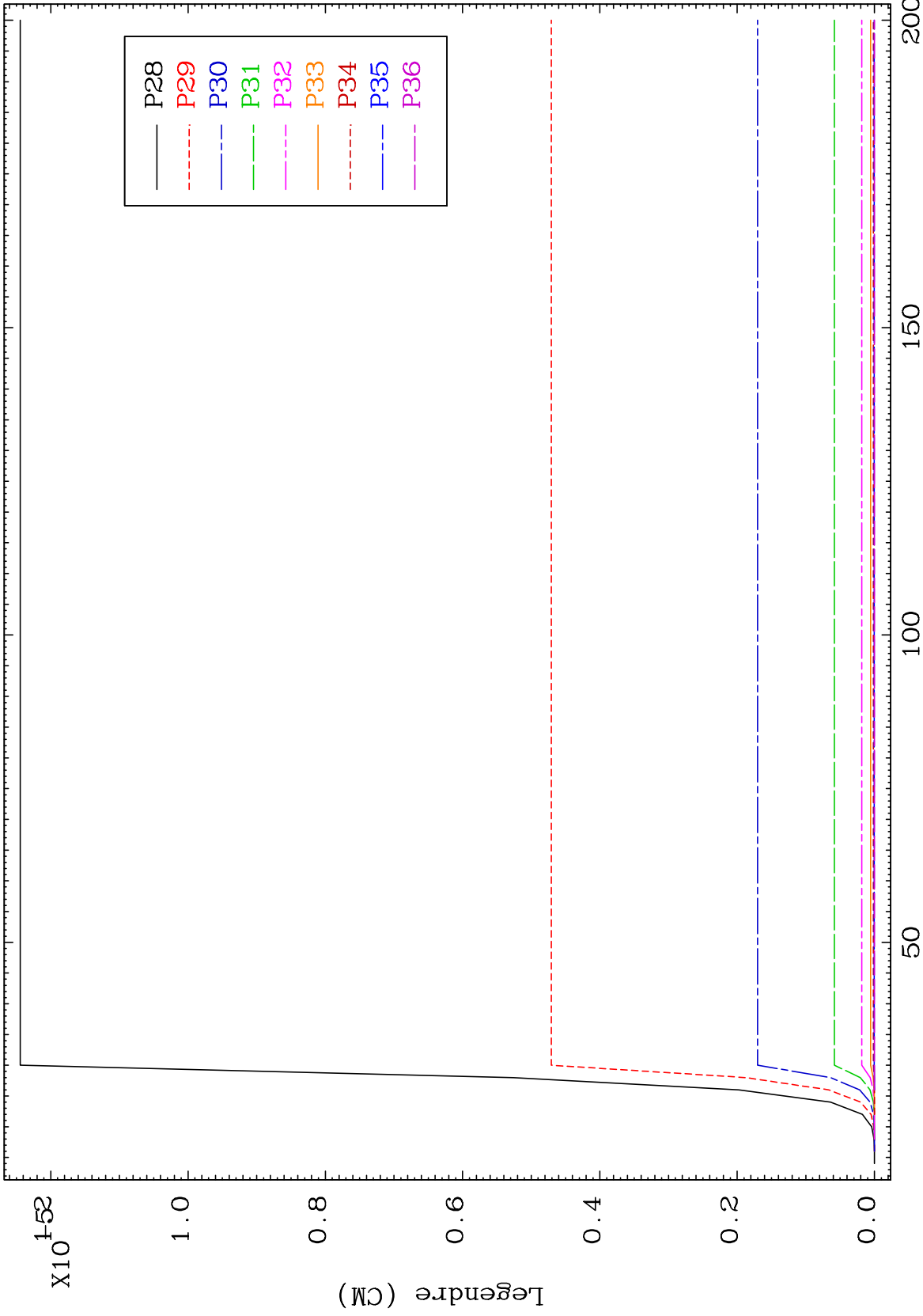
71-Lu-169



38

Incident Energy (MeV)

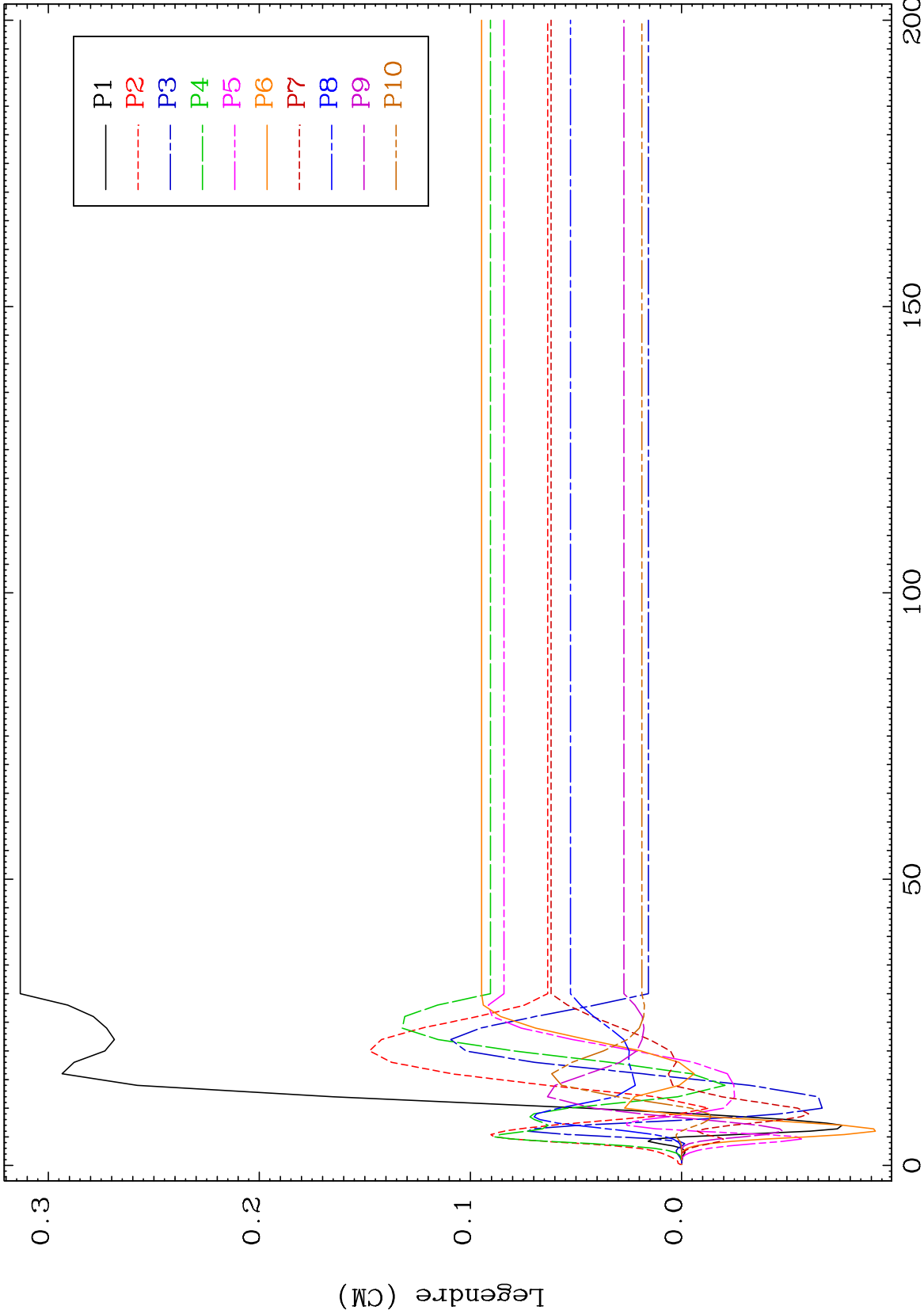
71-Lu-169



MAT 7107

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

71-Lu-169



40

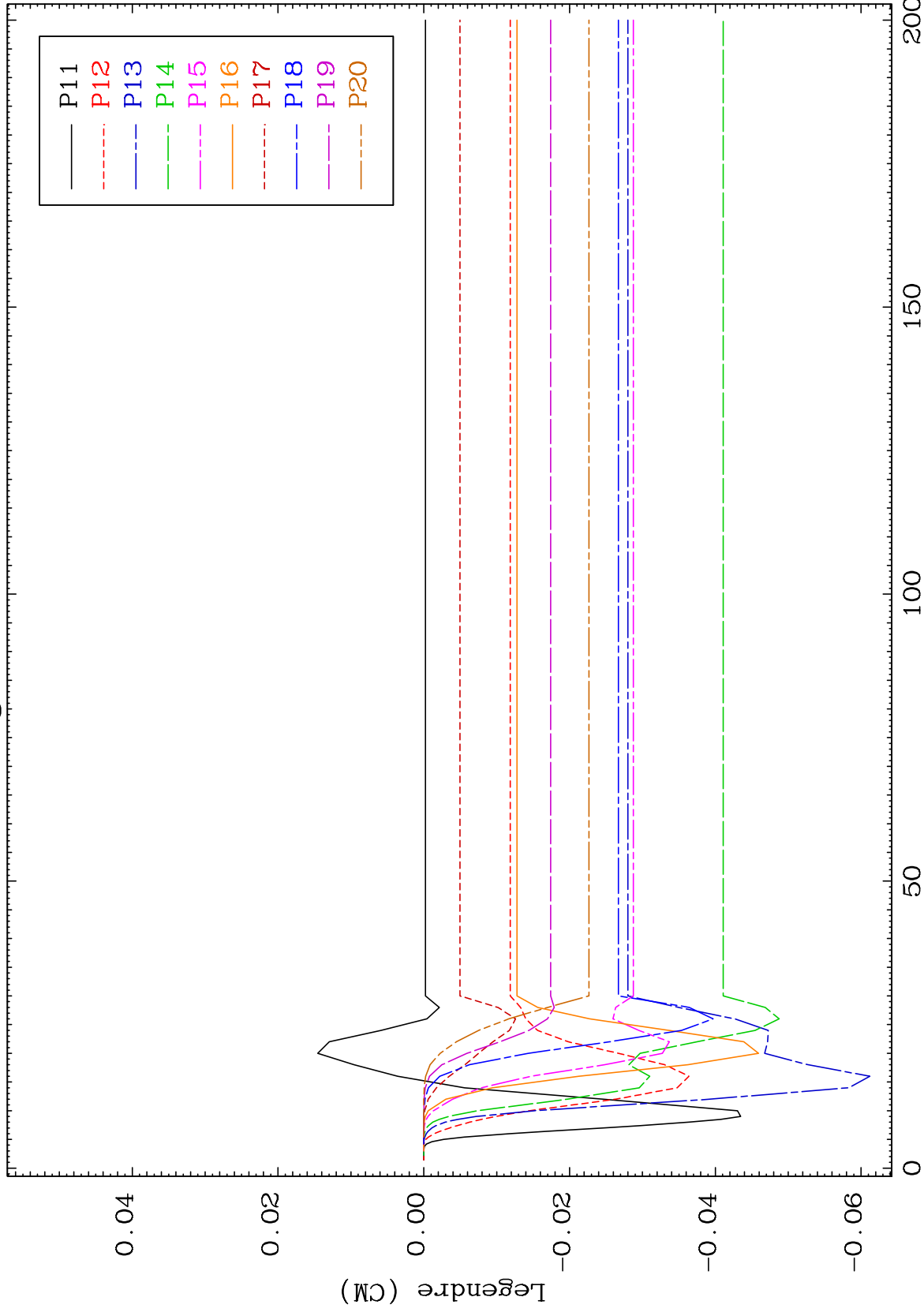
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

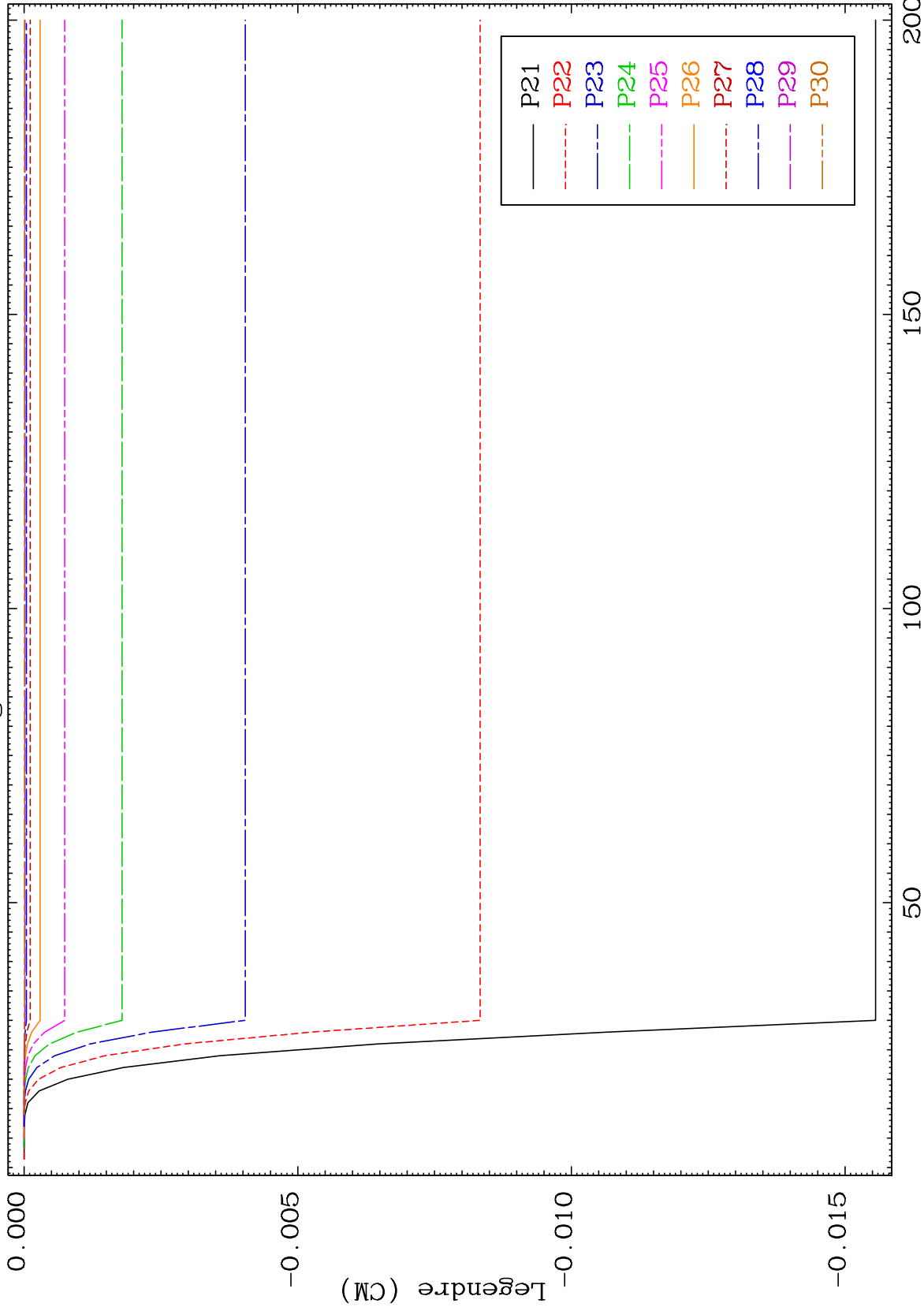
71-Lu-169



41

Incident Energy (MeV)

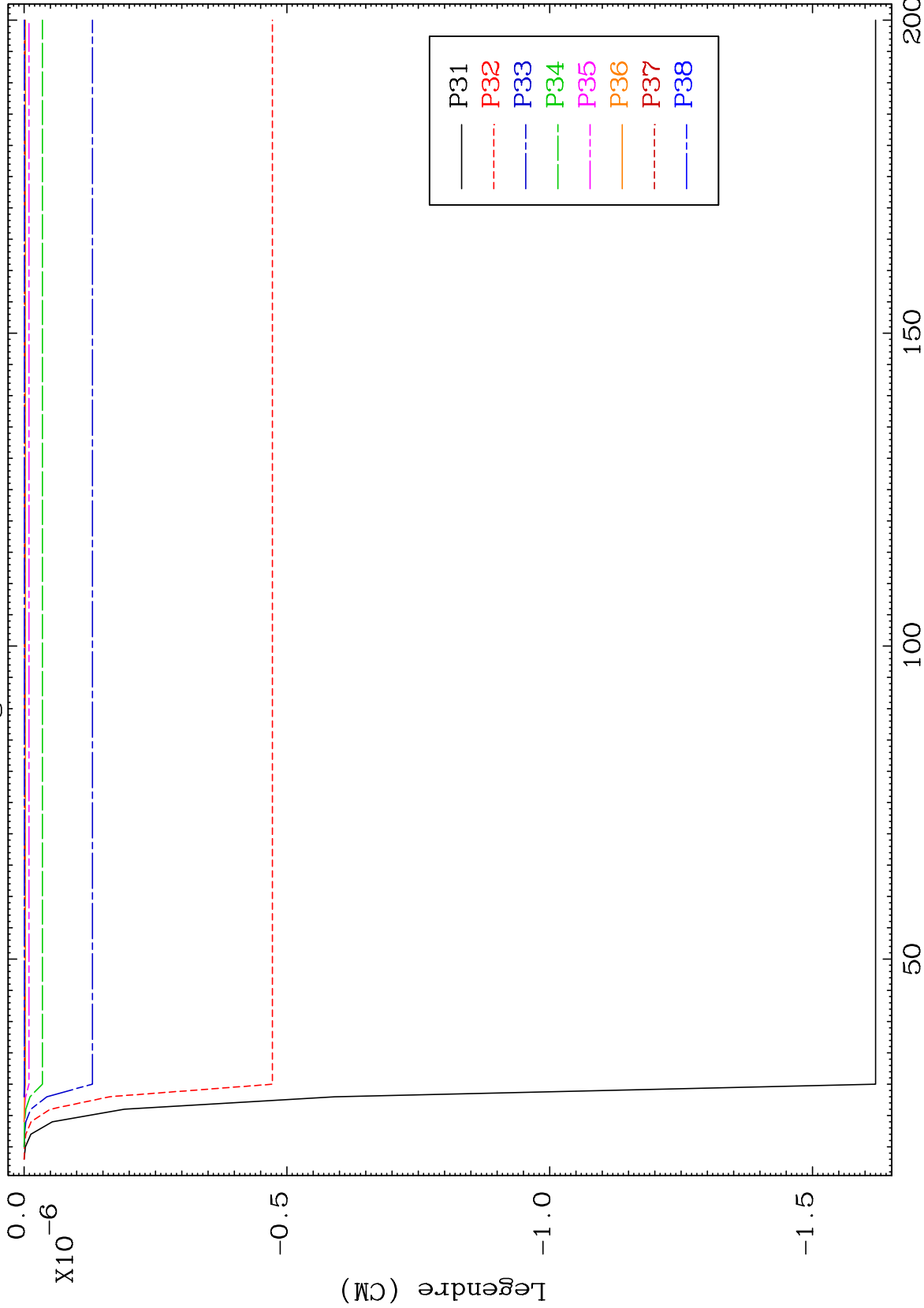
71-Lu-169



MAT 7107

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

71-Lu-169



43

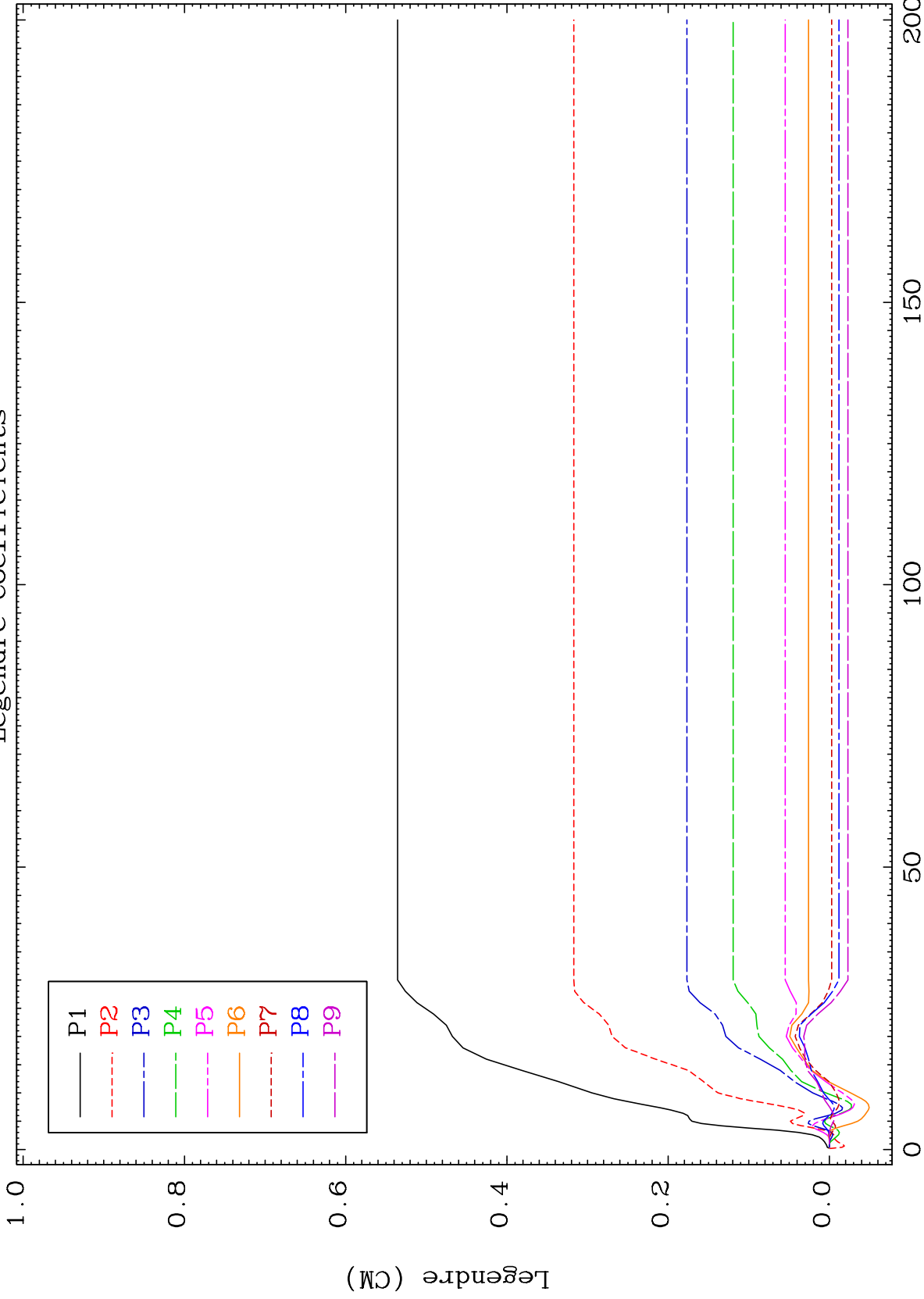
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



44

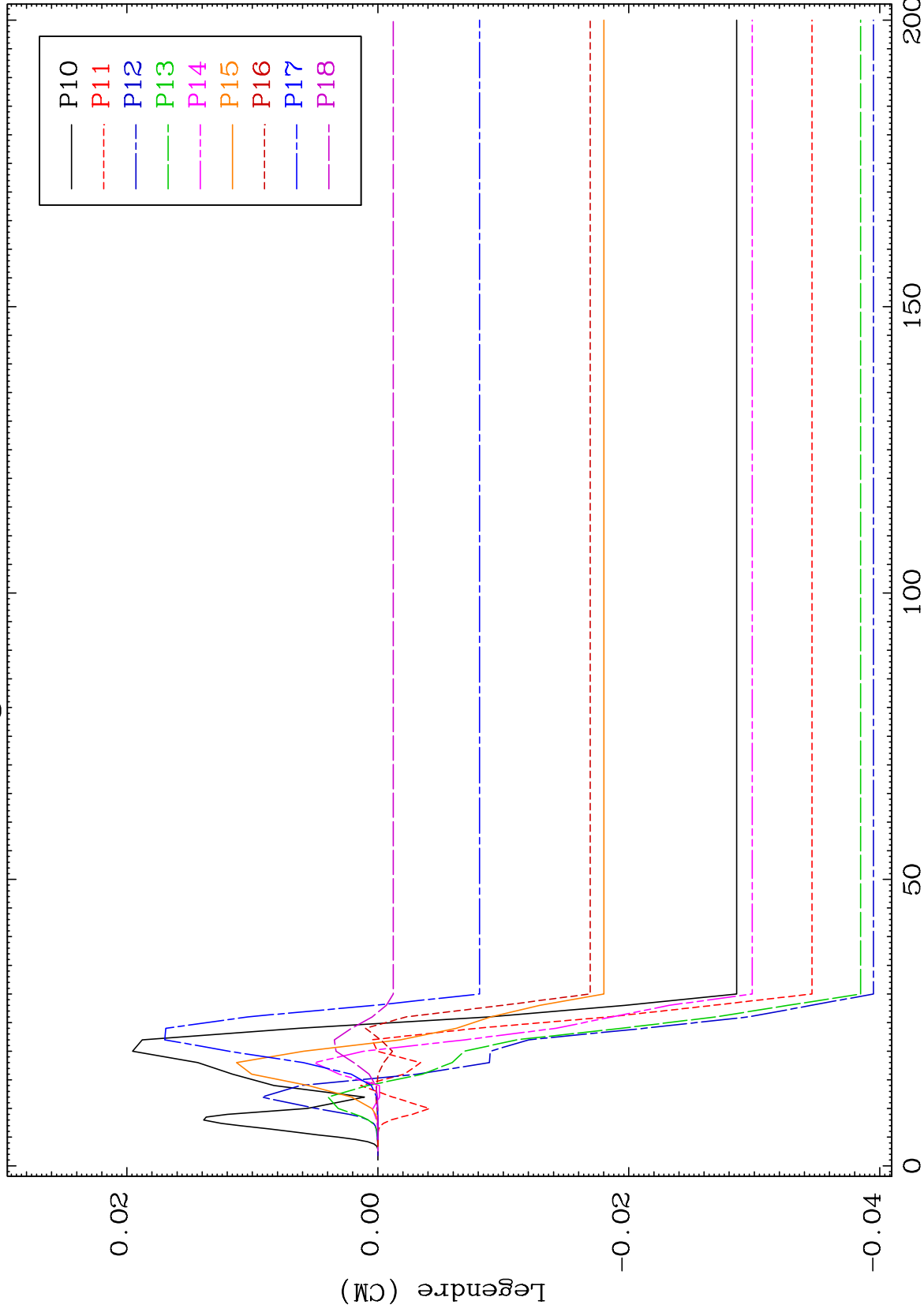
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

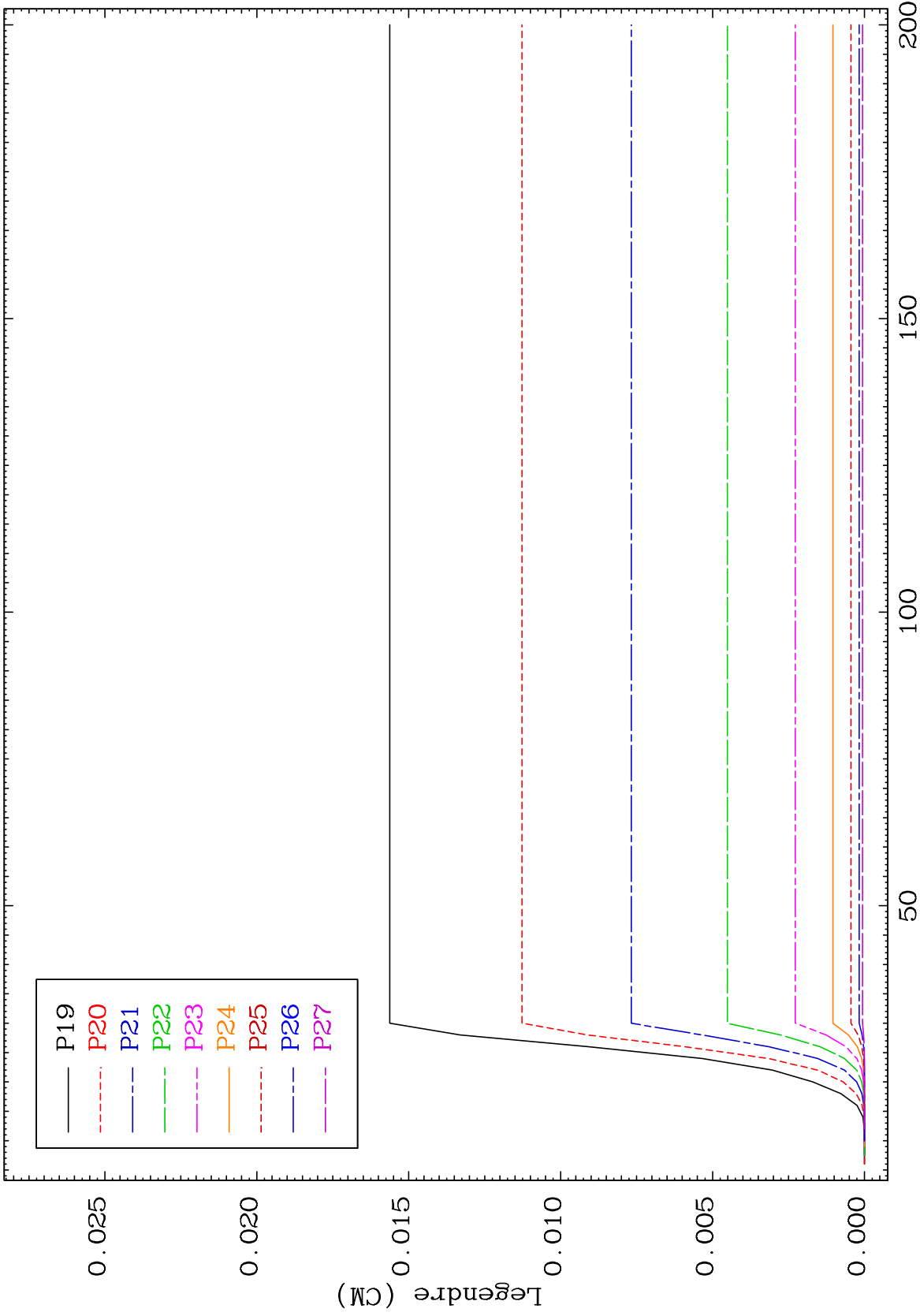
71-Lu-169



45

Incident Energy (MeV)

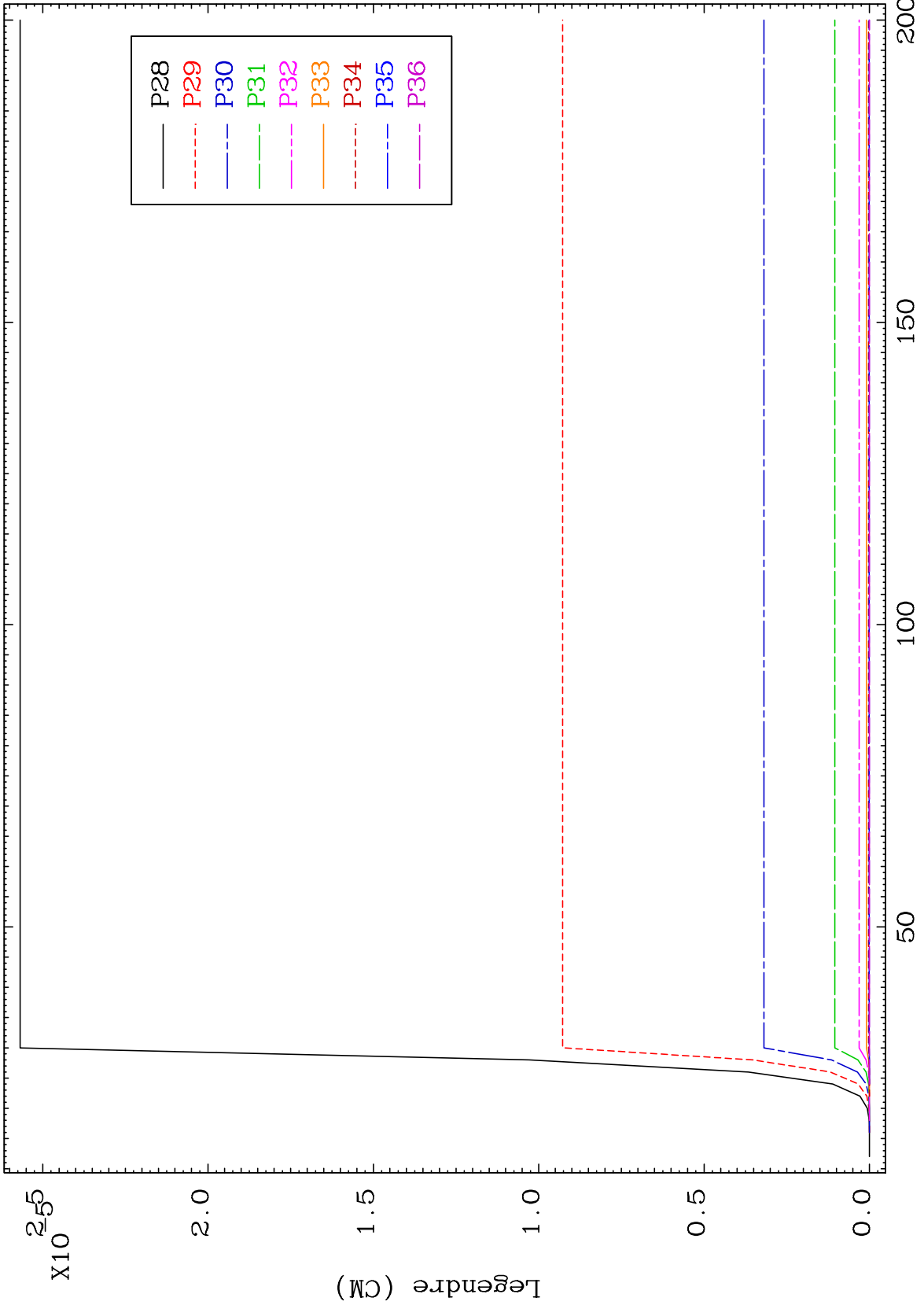
71-Lu-169



MAT 7107

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

71-Lu-169



47

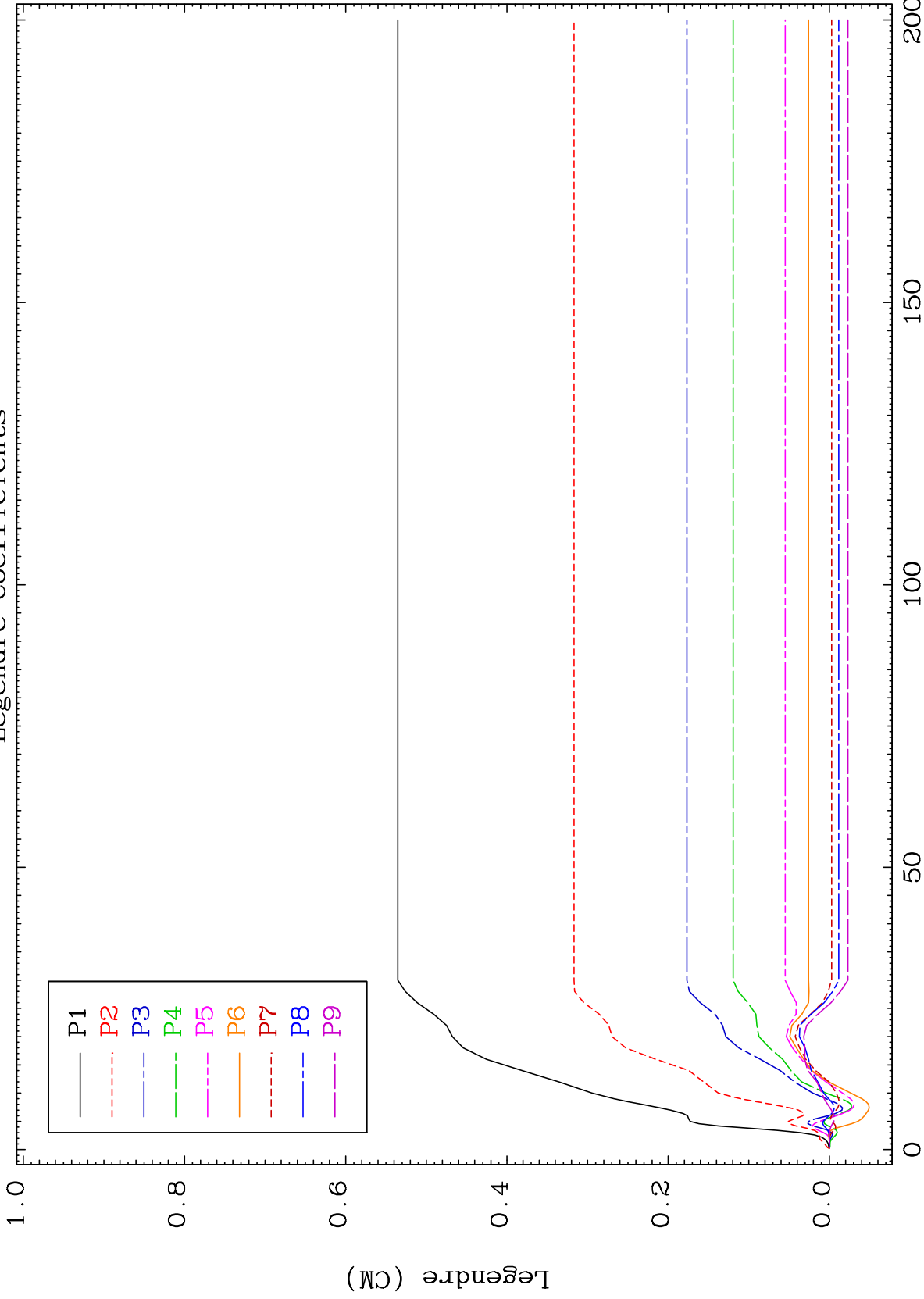
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



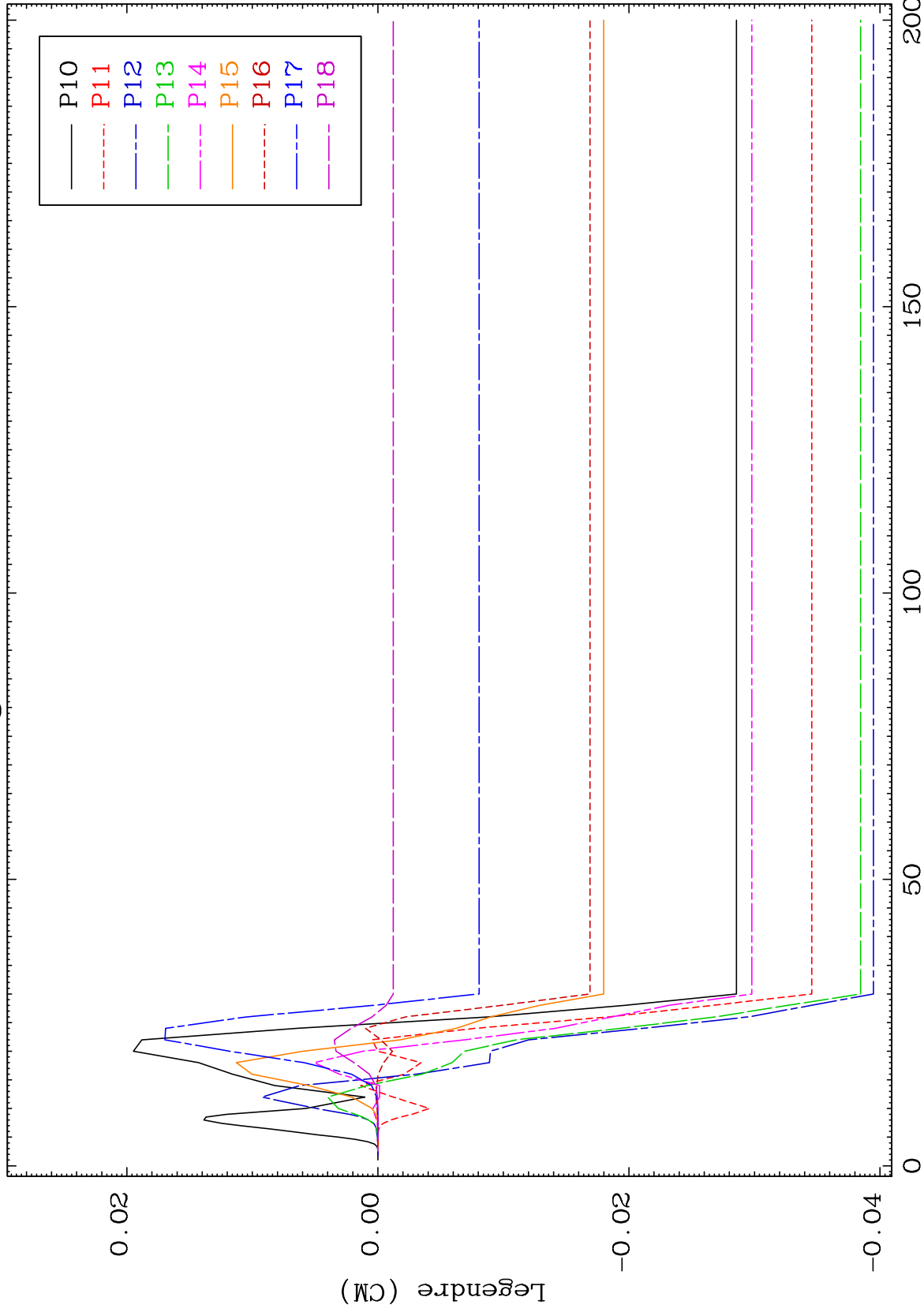
48

71-Lu-169

MAT 7107

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

71-Lu-169



49

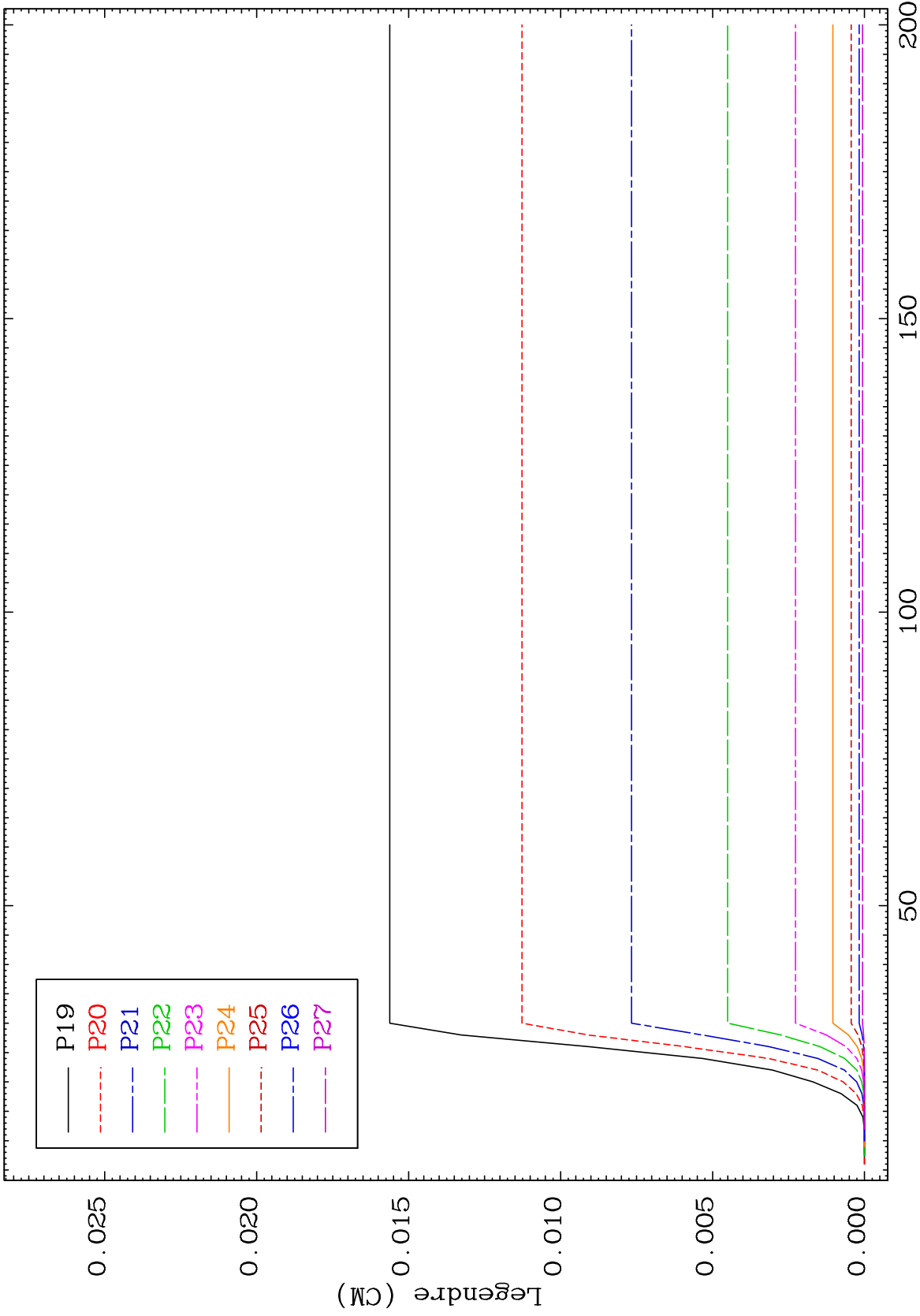
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



50

Incident Energy (MeV)

50

150

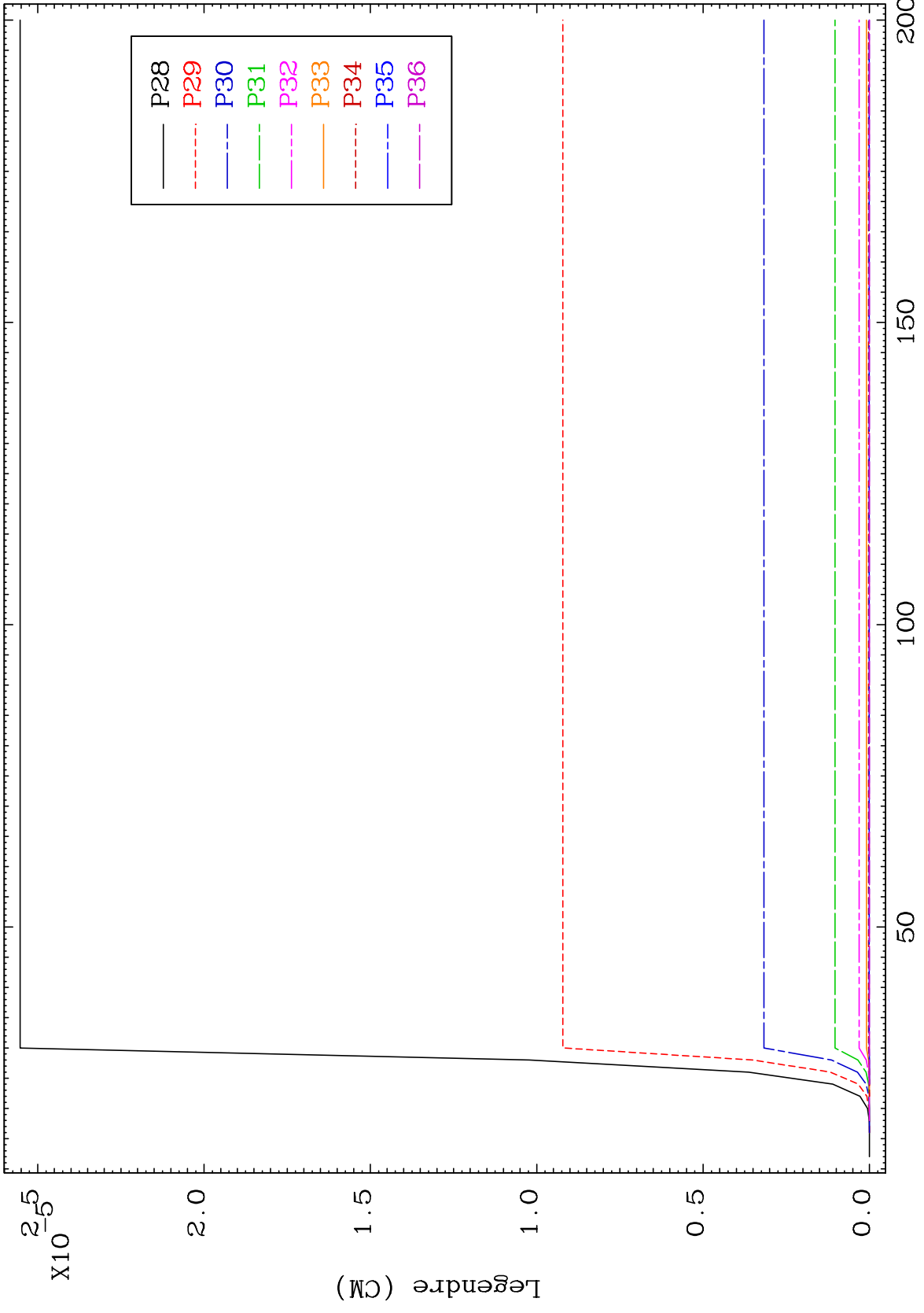
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71-Lu-169

MAT 7107

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

71-Lu-169



51

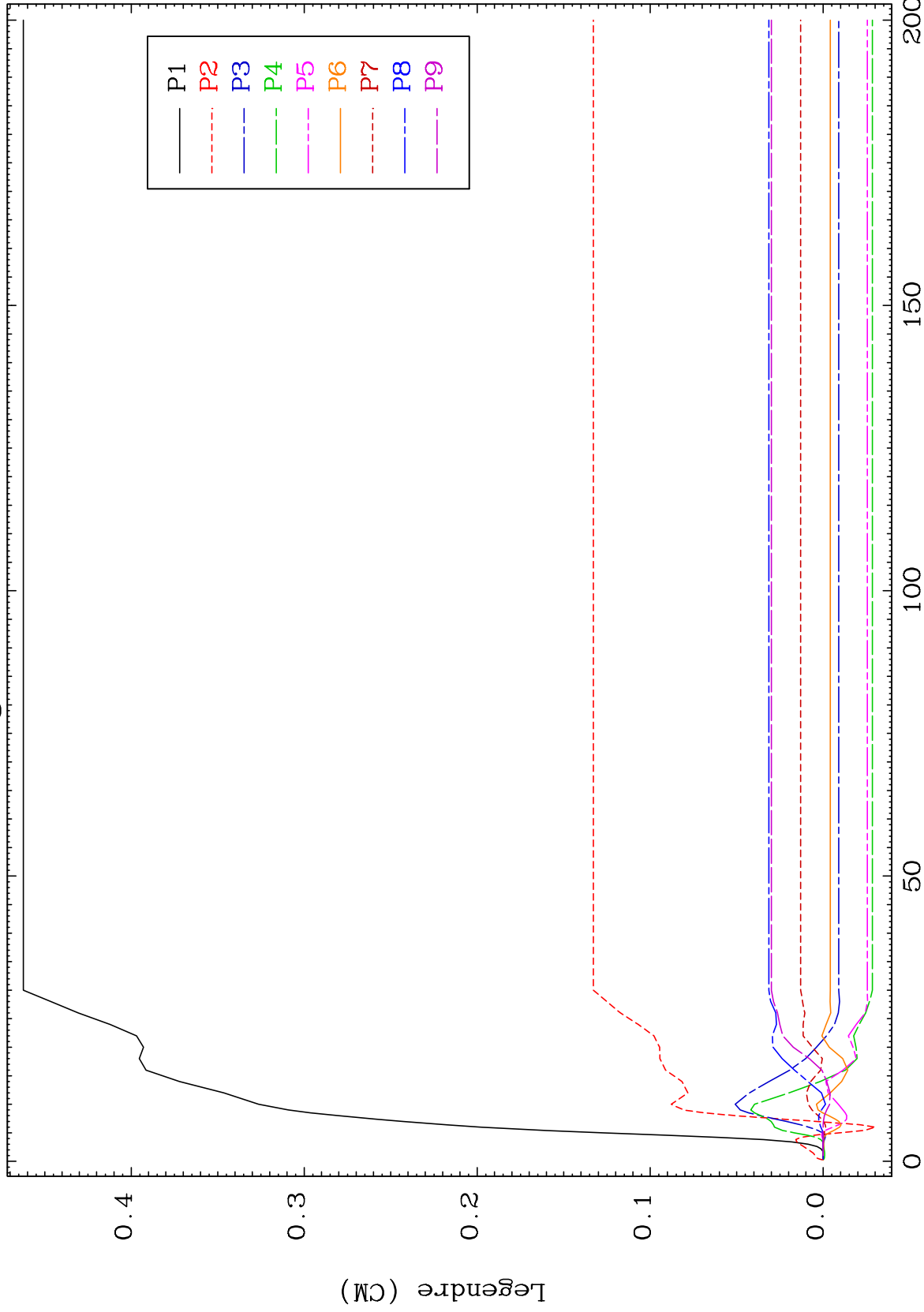
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



52

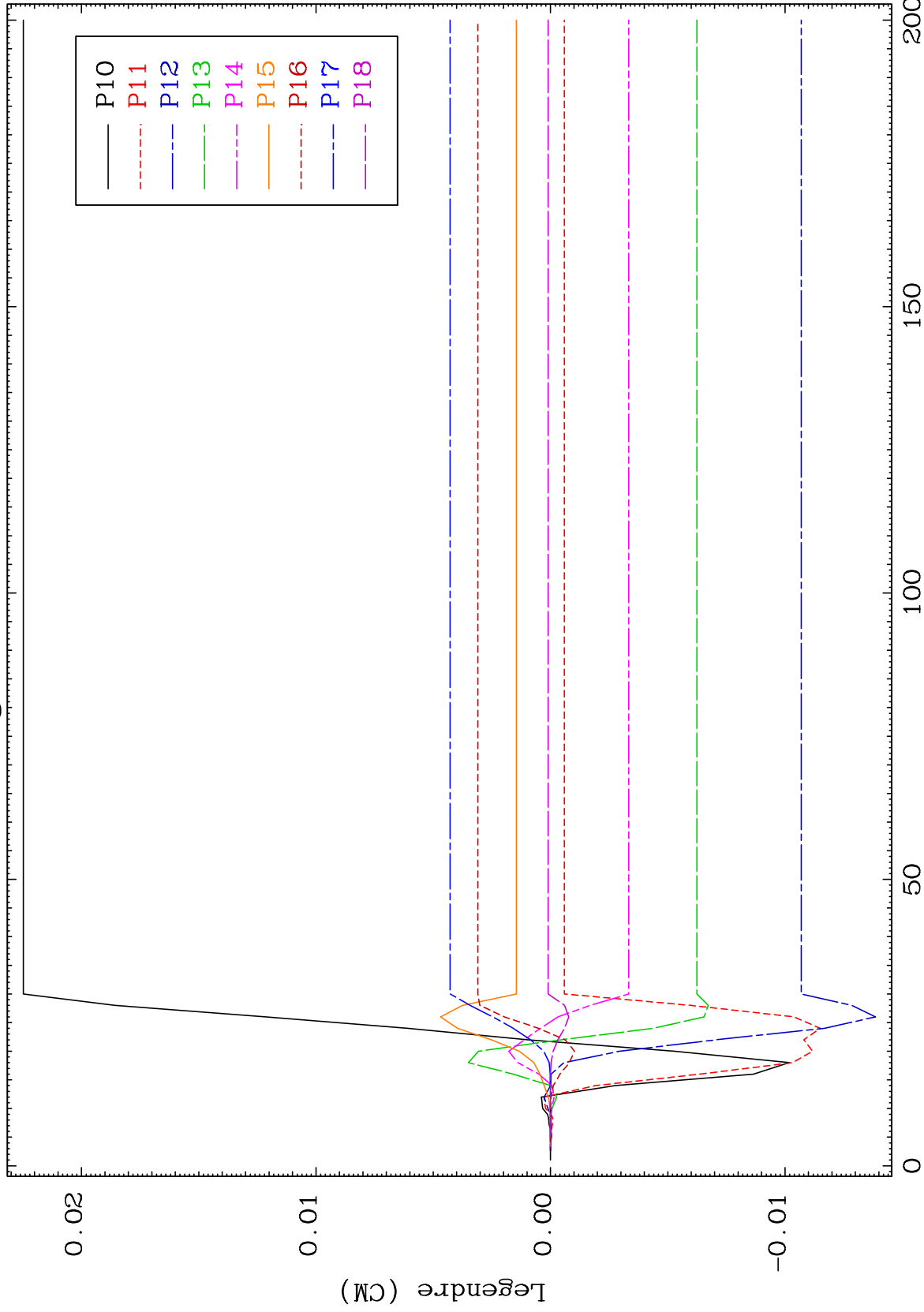
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



53

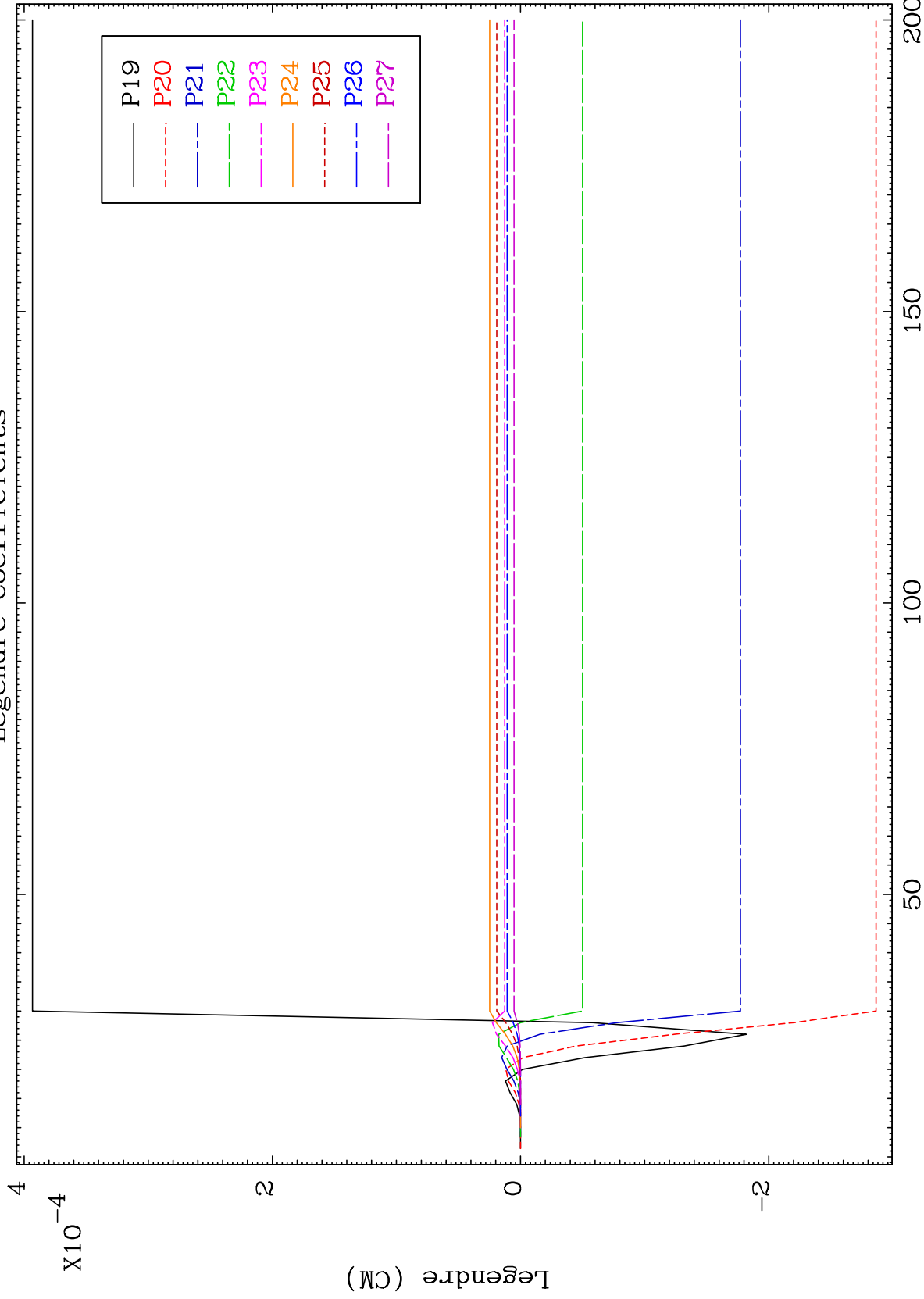
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



54

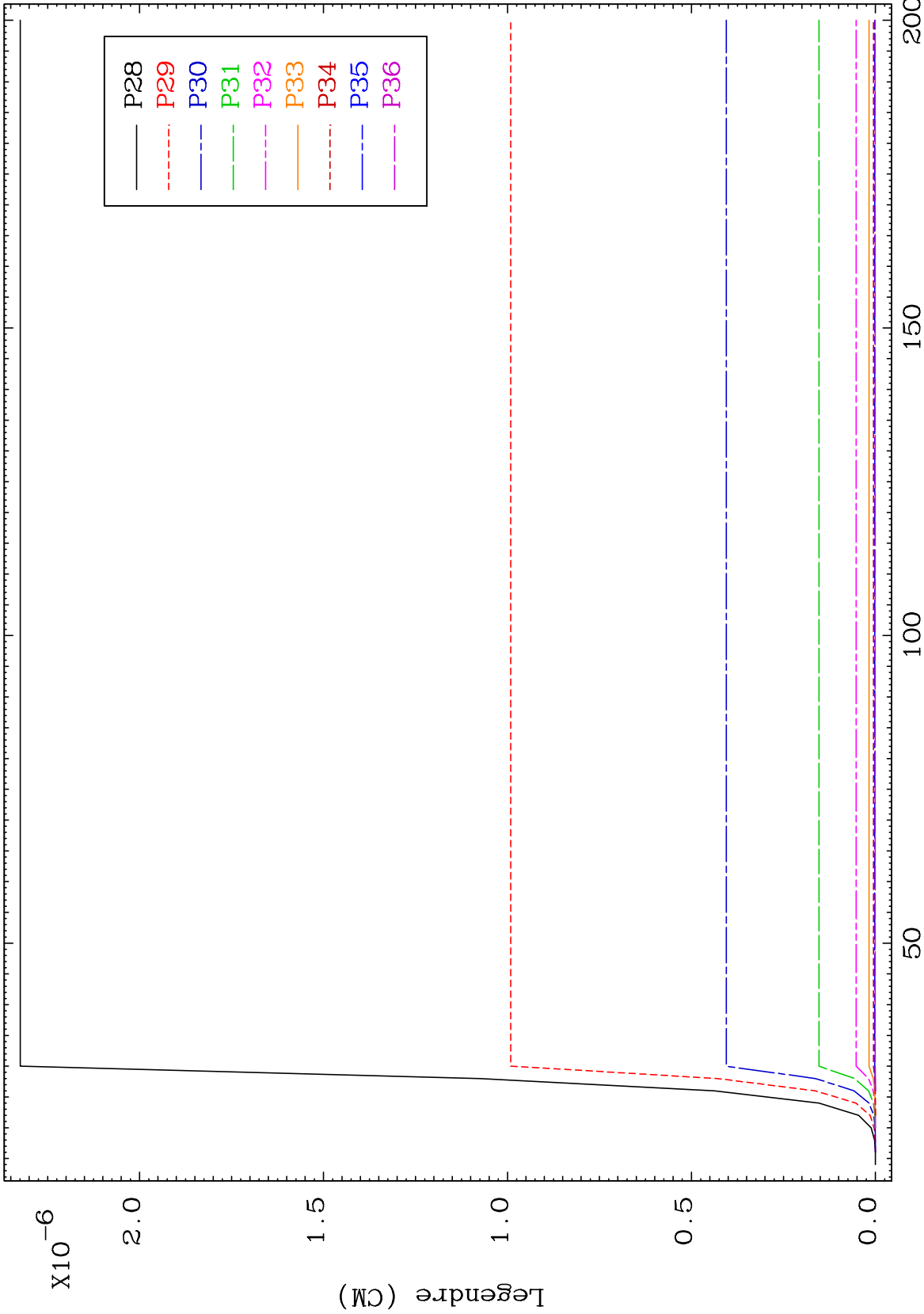
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169

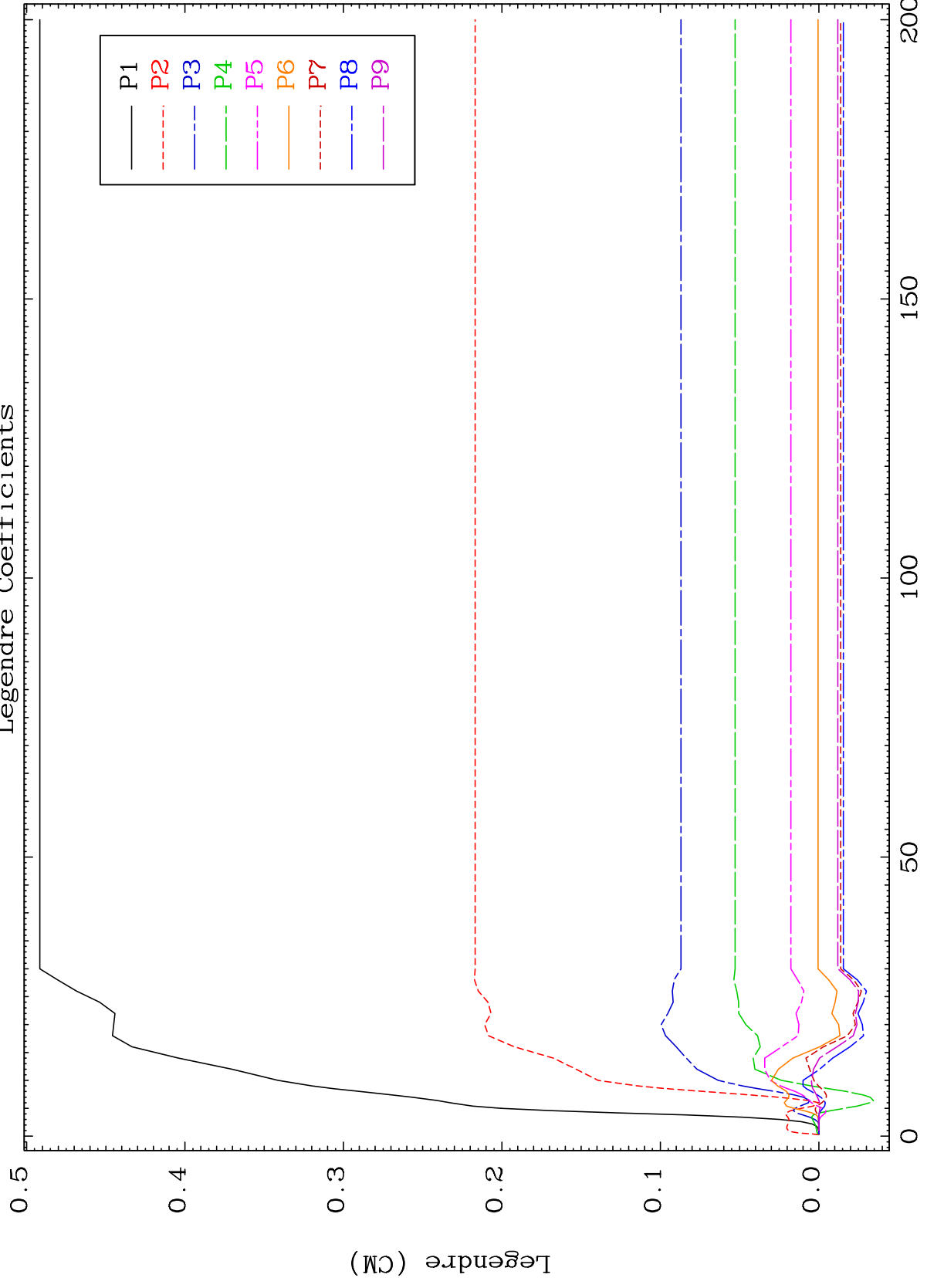


55

Incident Energy (MeV)

71-Lu-169

MAT 7107 MT= 60 (n,n') Level Legendre Coefficients 71-Lu-169

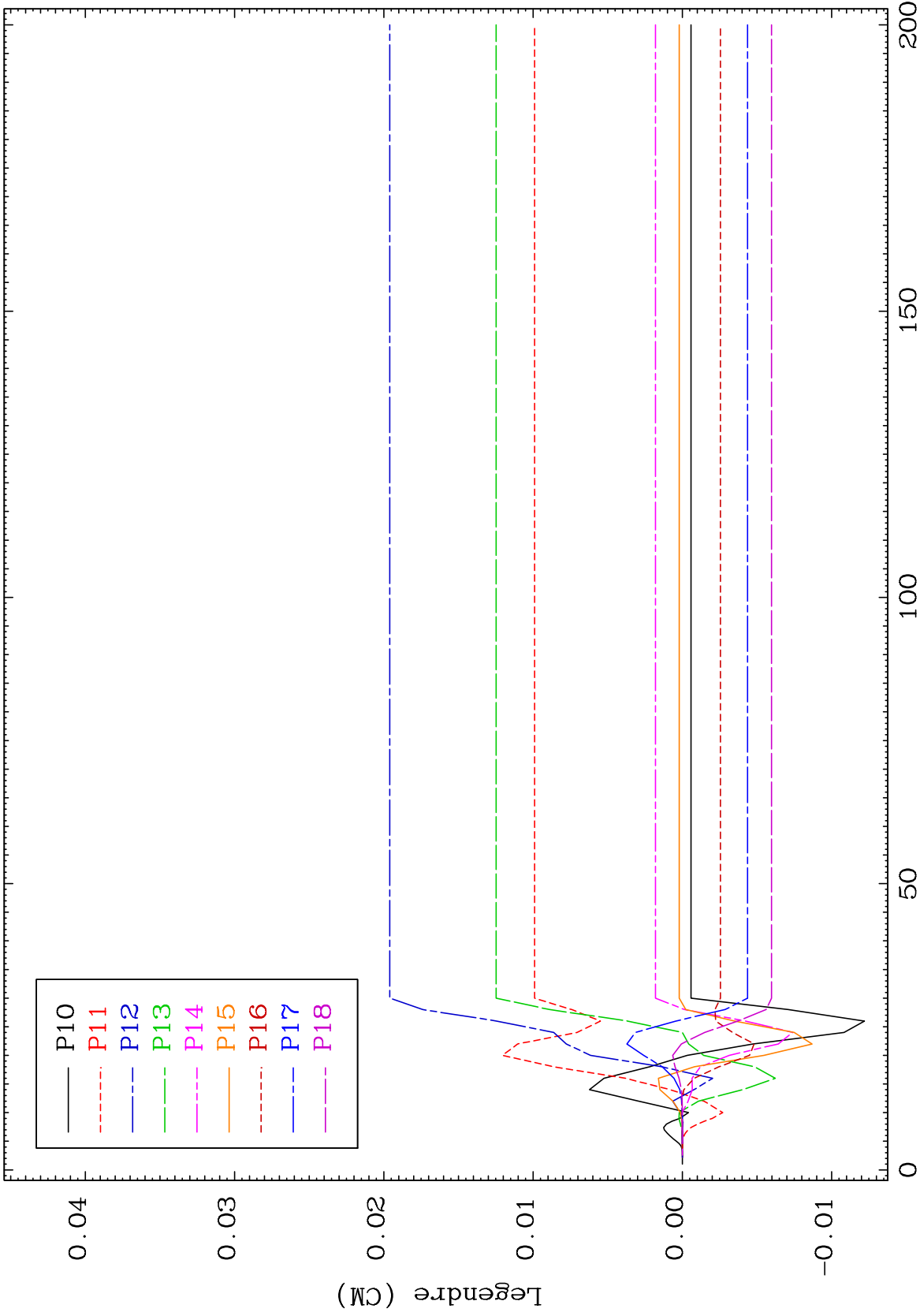


56 71-Lu-169

MAT 7107

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

71-Lu-169



57

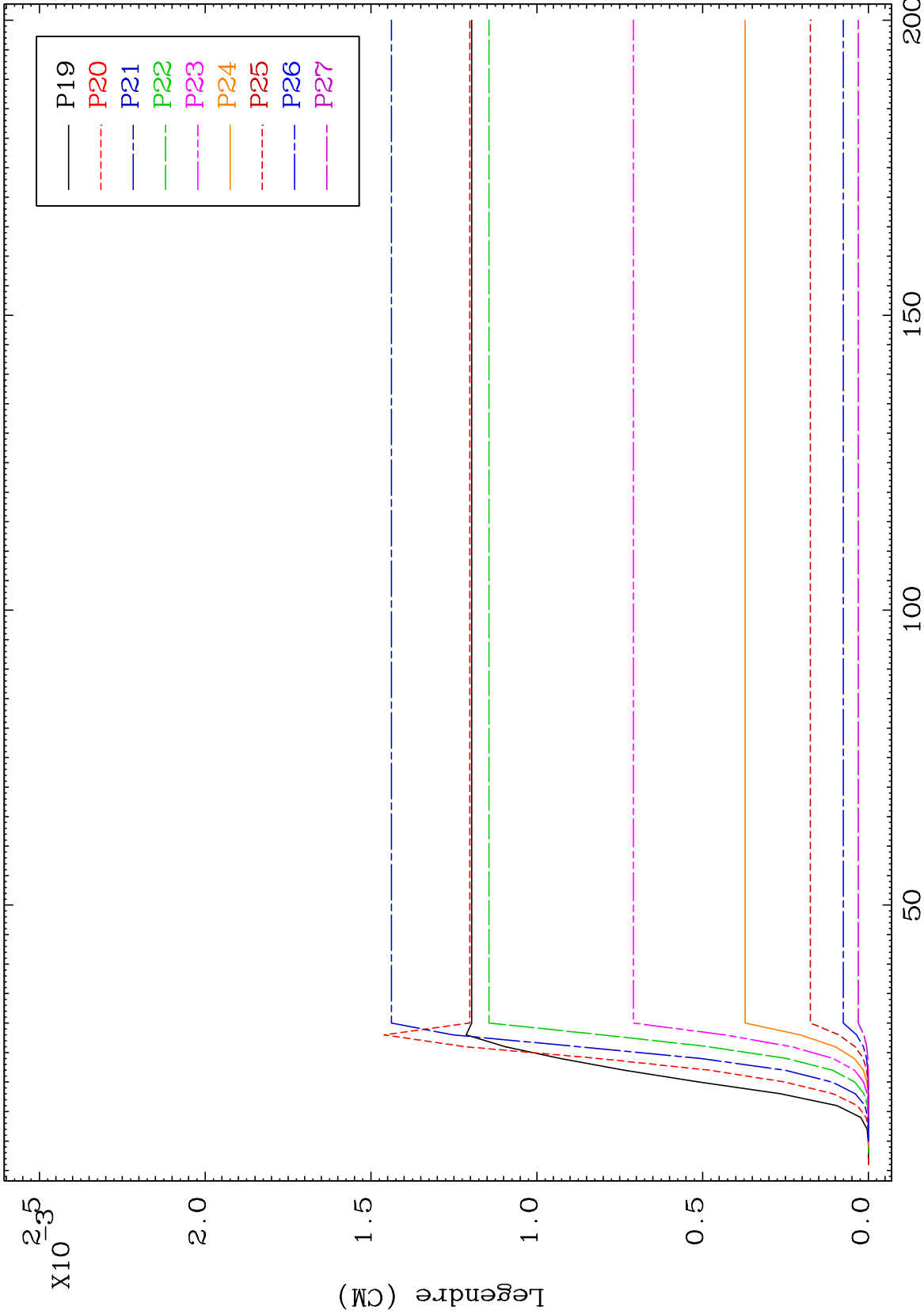
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

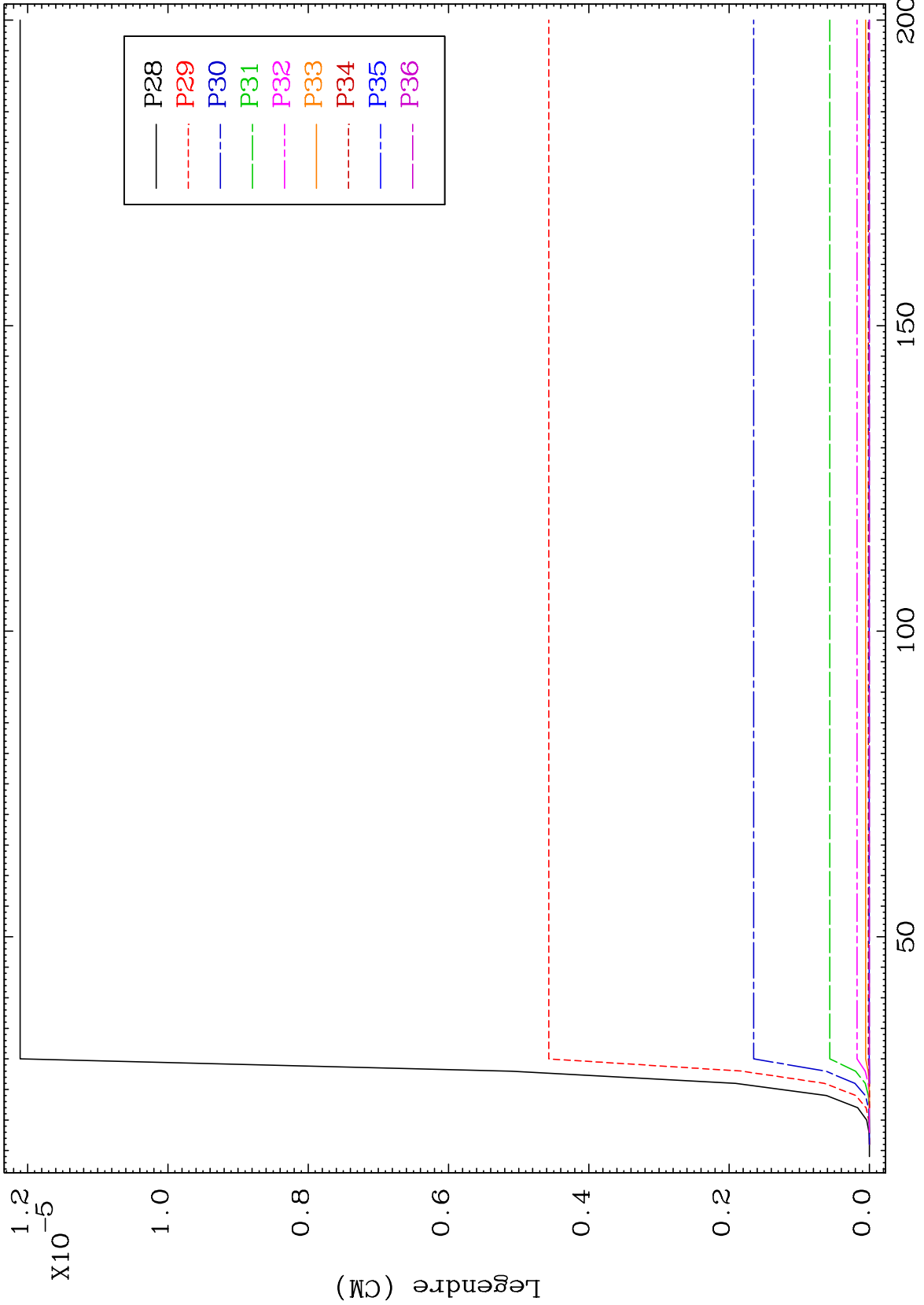
71-Lu-169



58

Incident Energy (MeV)

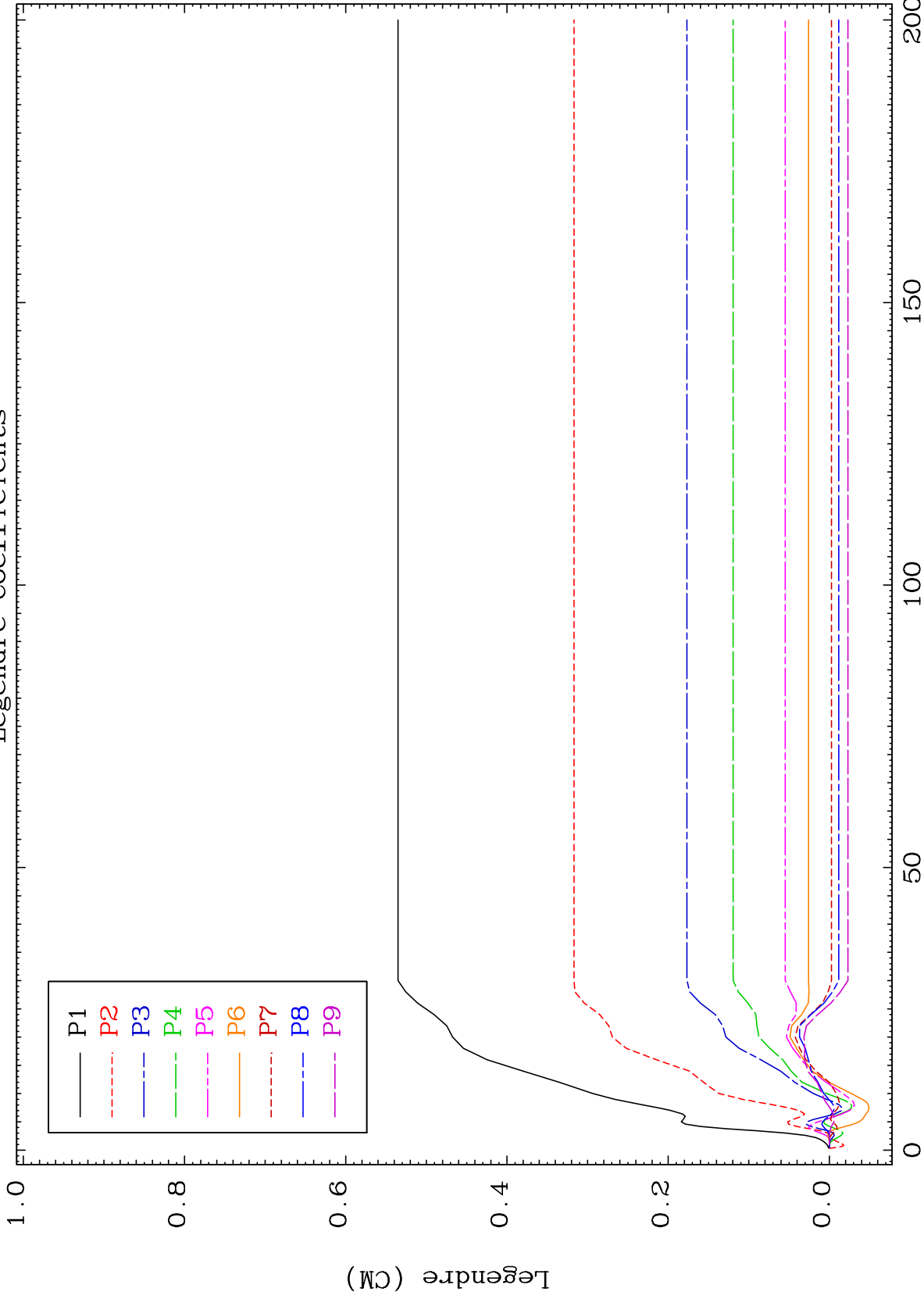
71-Lu-169



MAT 7107

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

71-Lu-169



60

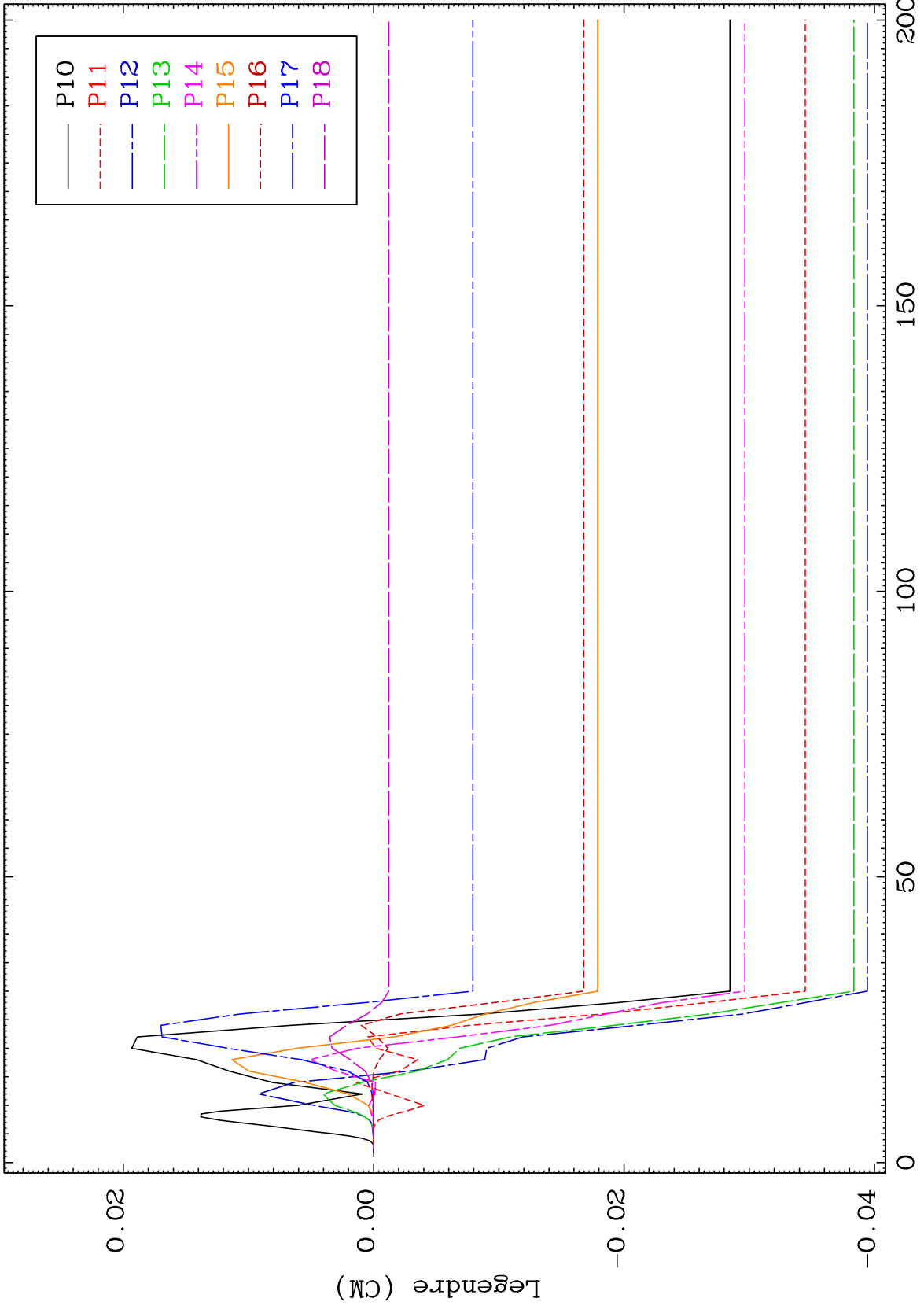
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



61

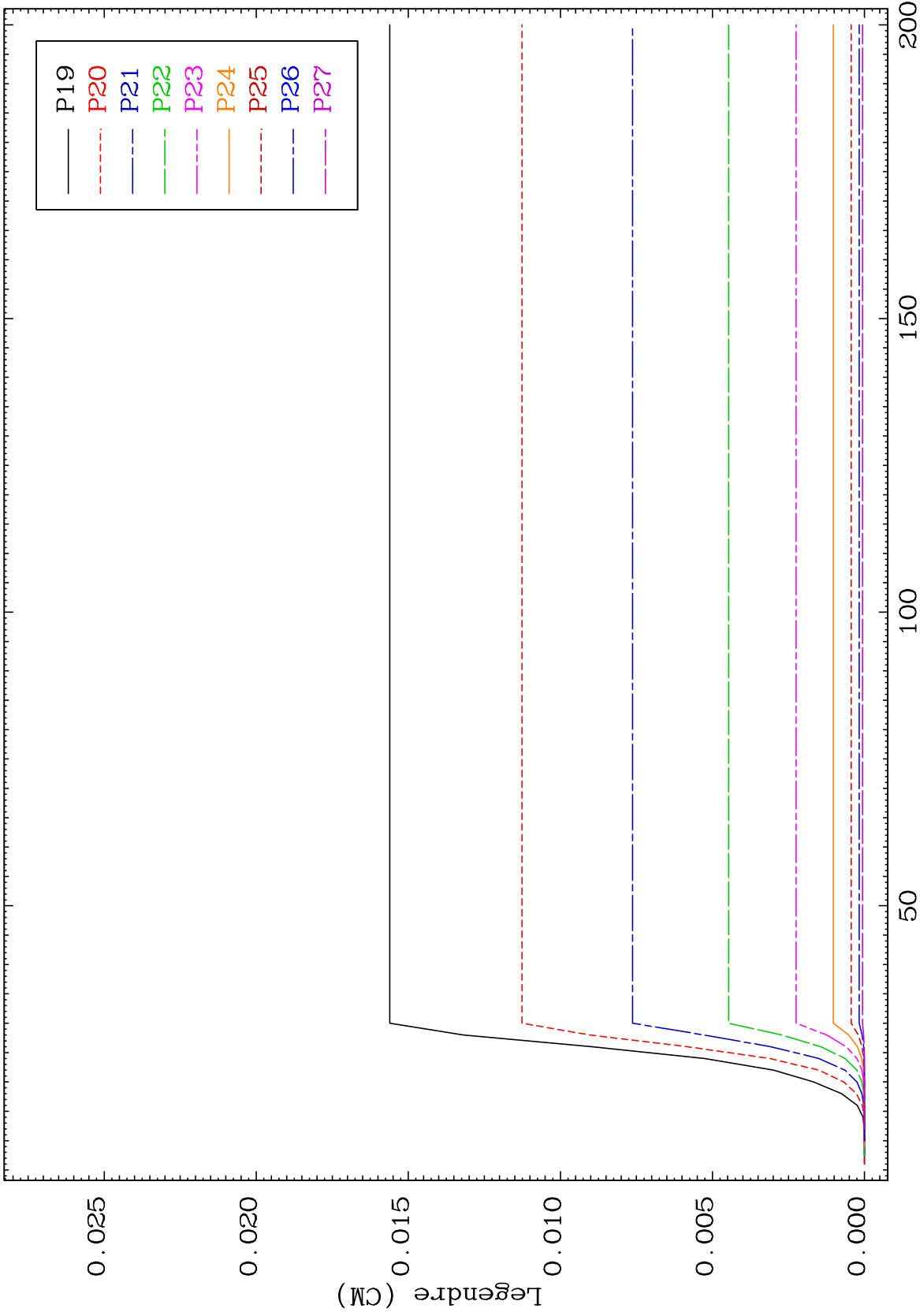
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



62

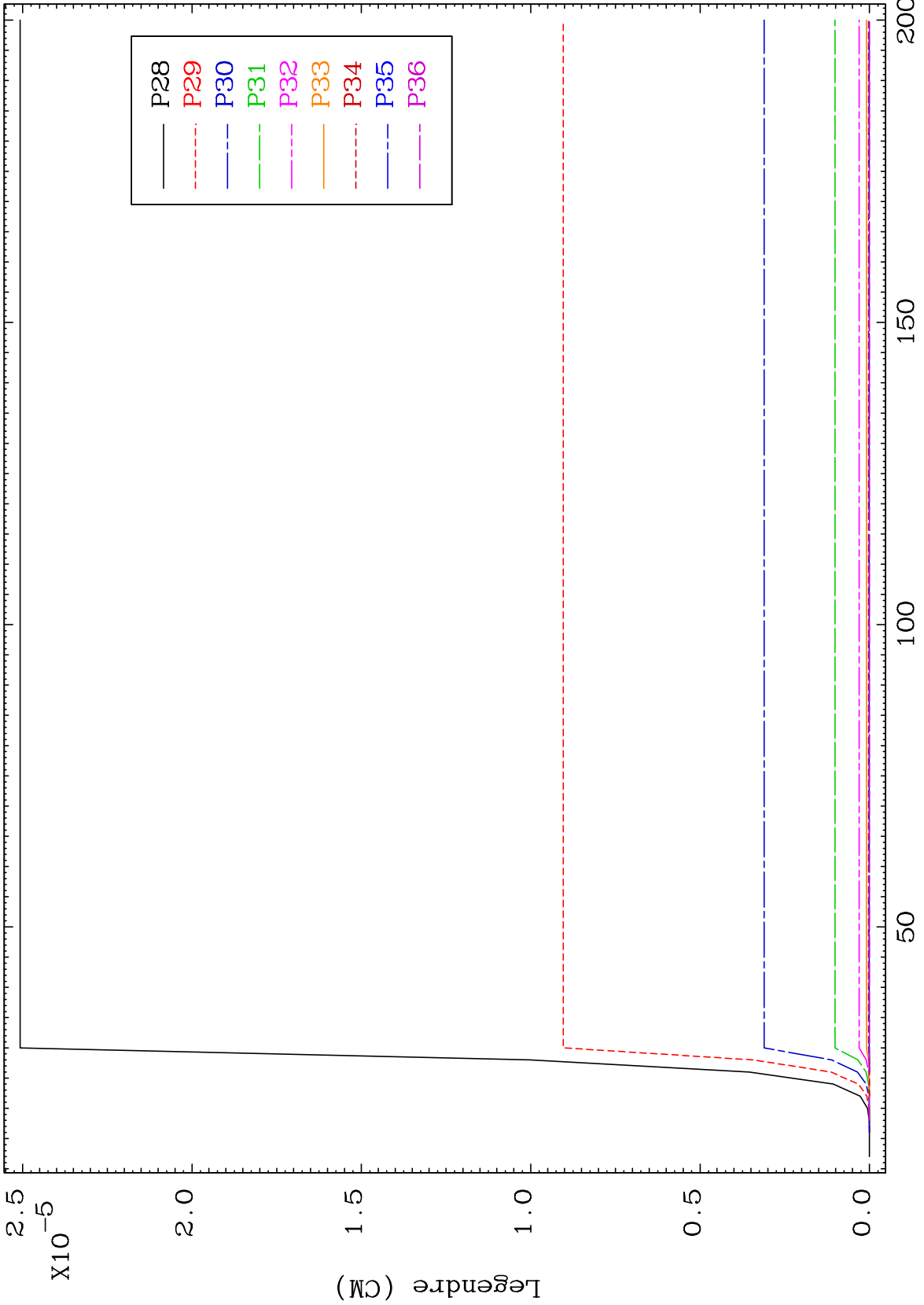
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



63

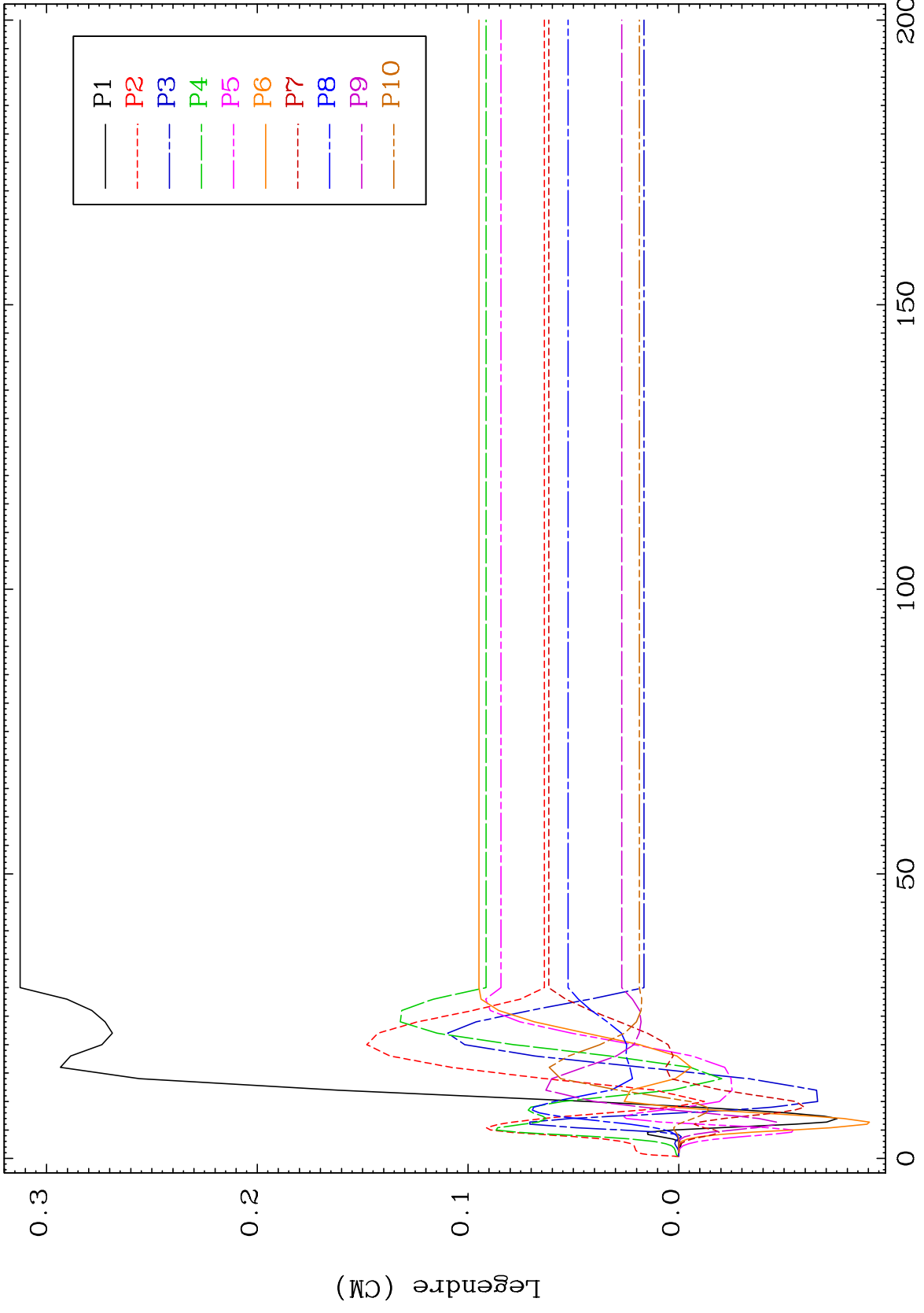
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



64

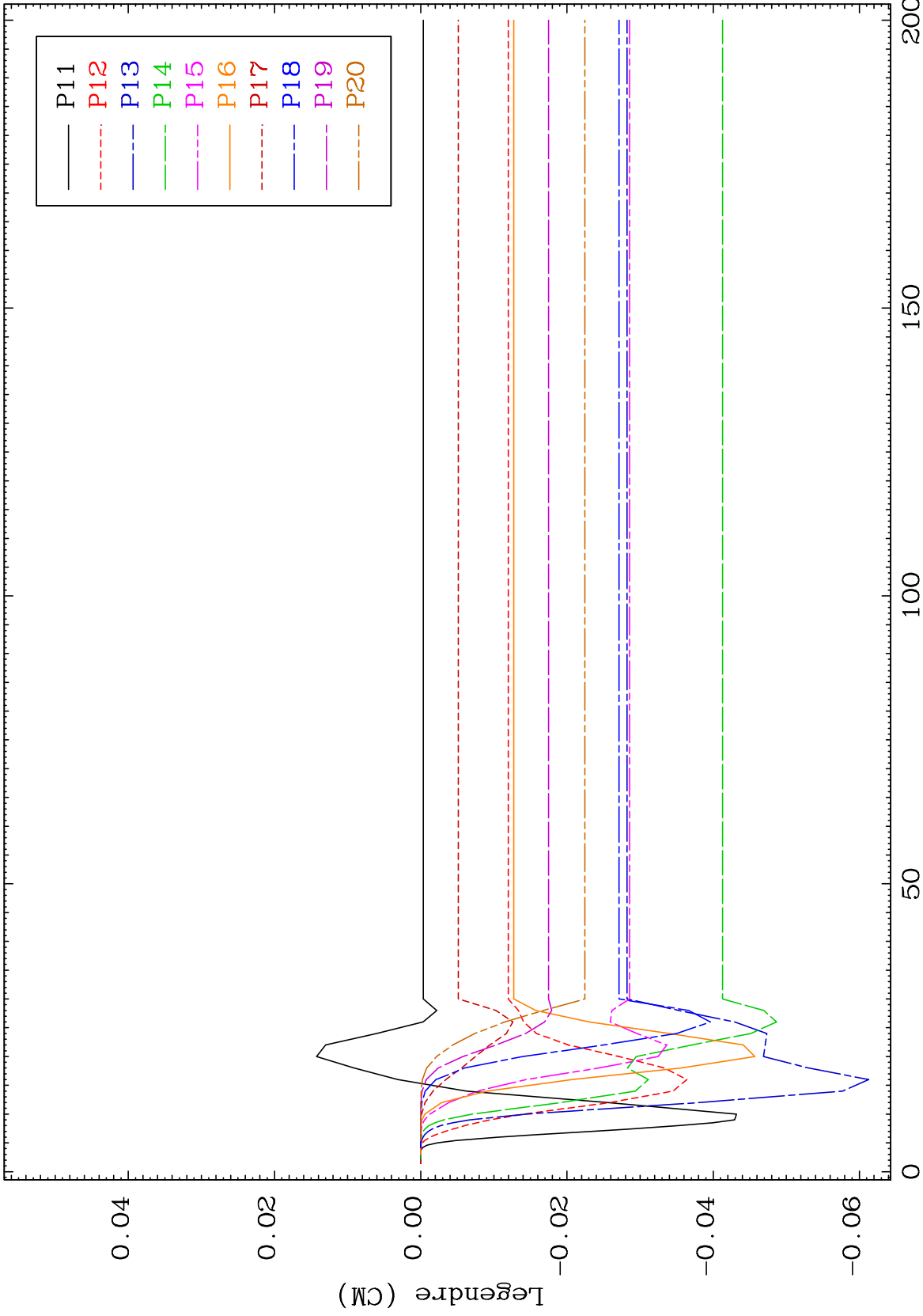
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

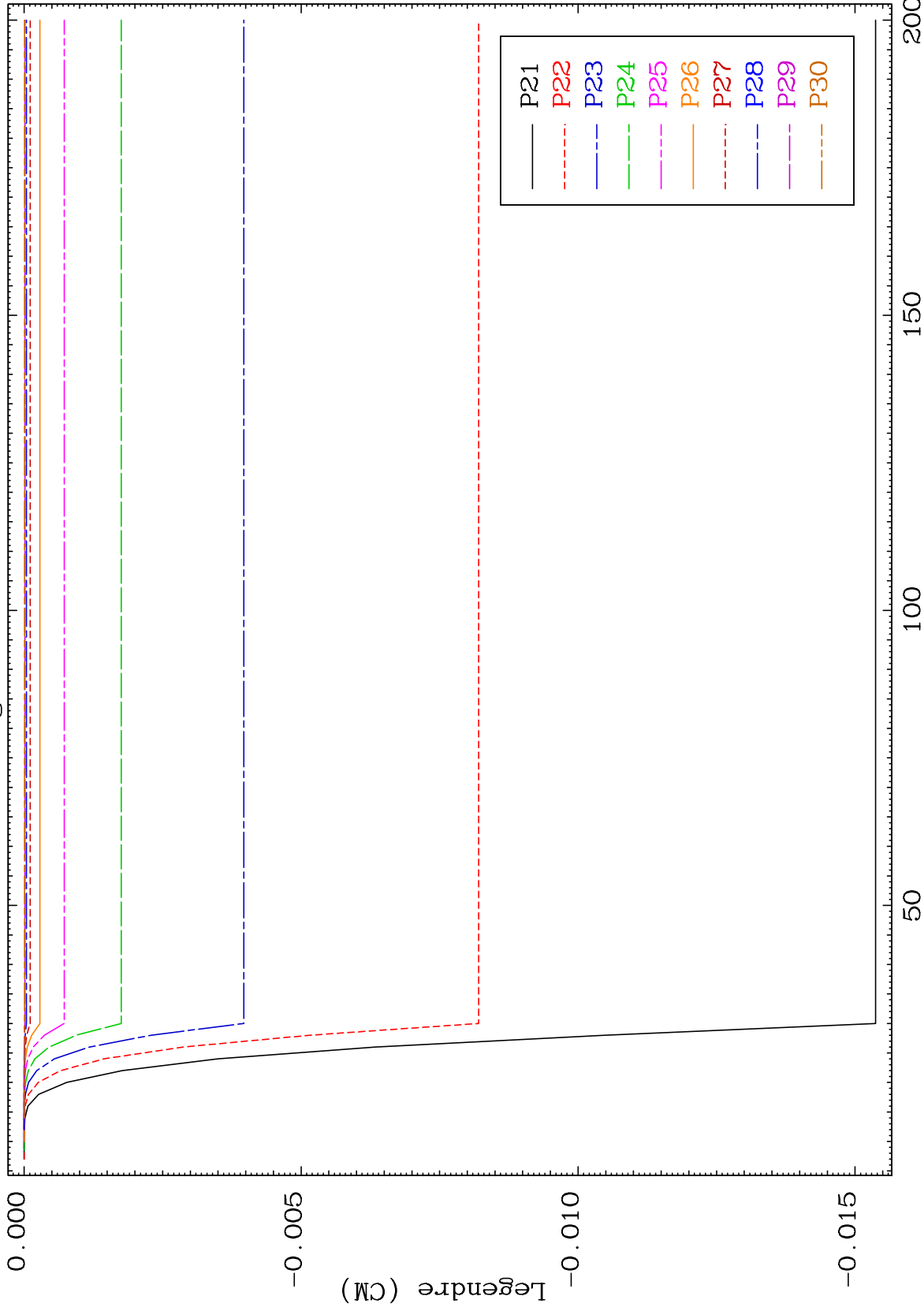
71-Lu-169



65

Incident Energy (MeV)

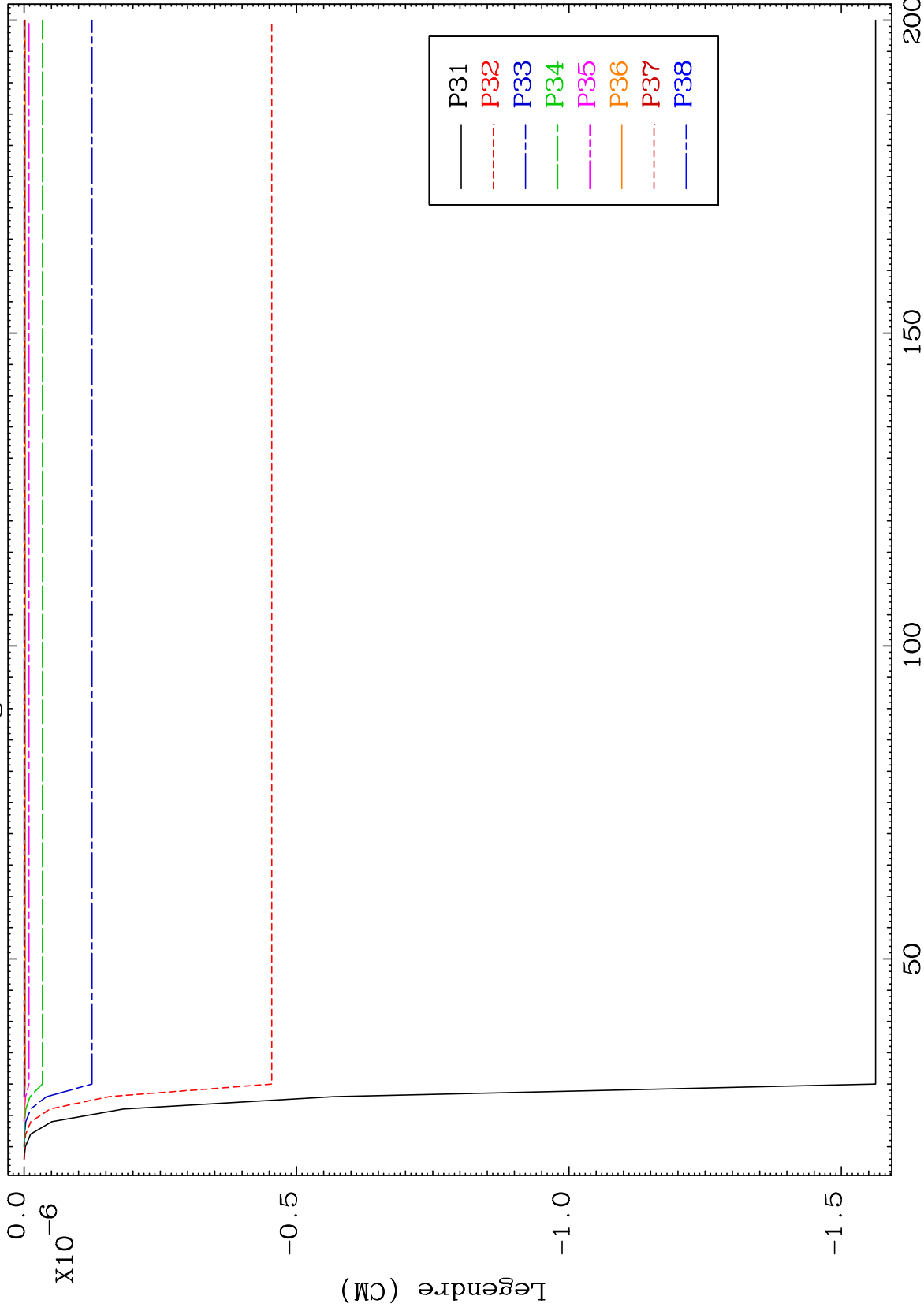
71-Lu-169



MAT 7107

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

71-Lu-169



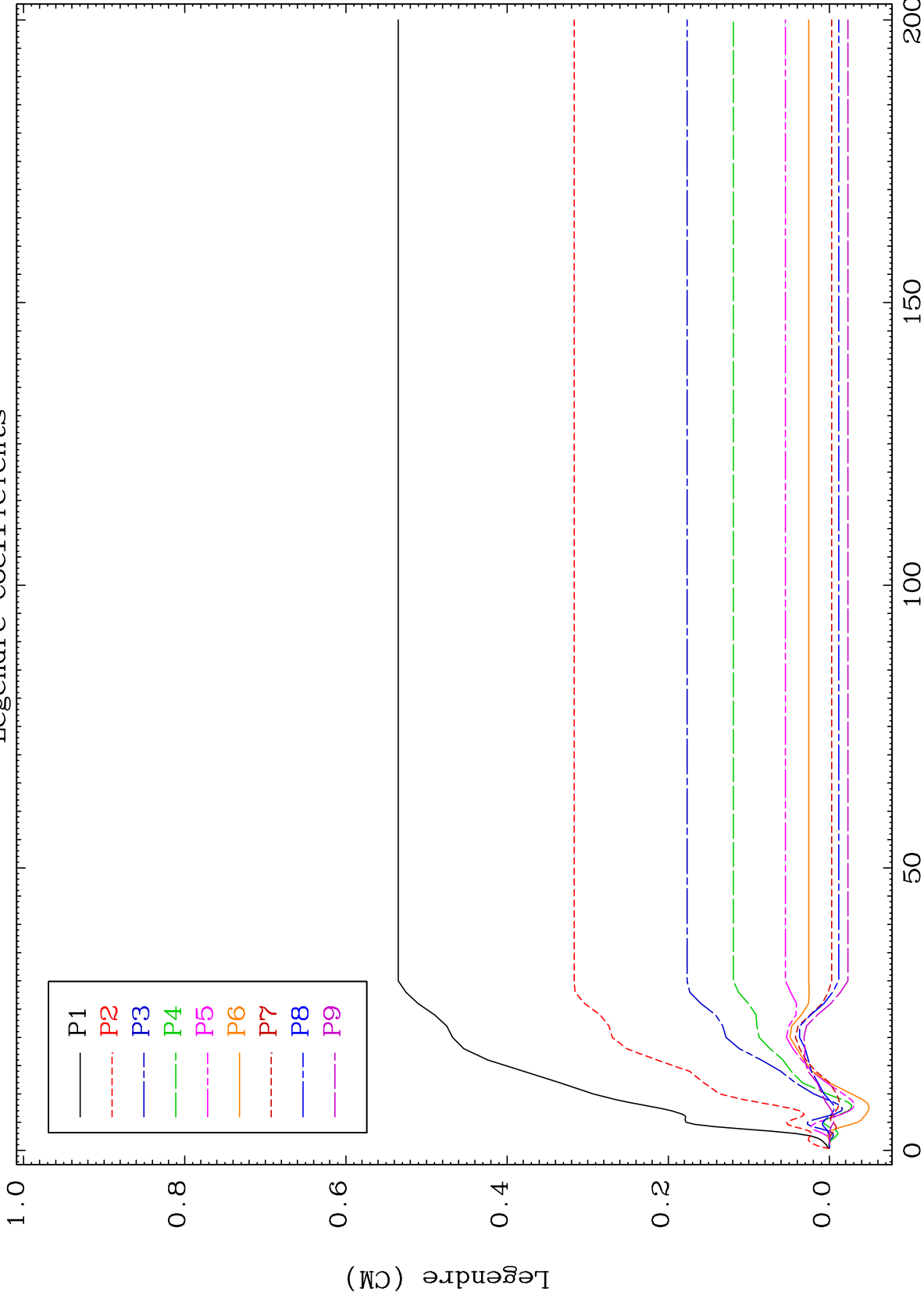
67

71-Lu-169

MAT 7107

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

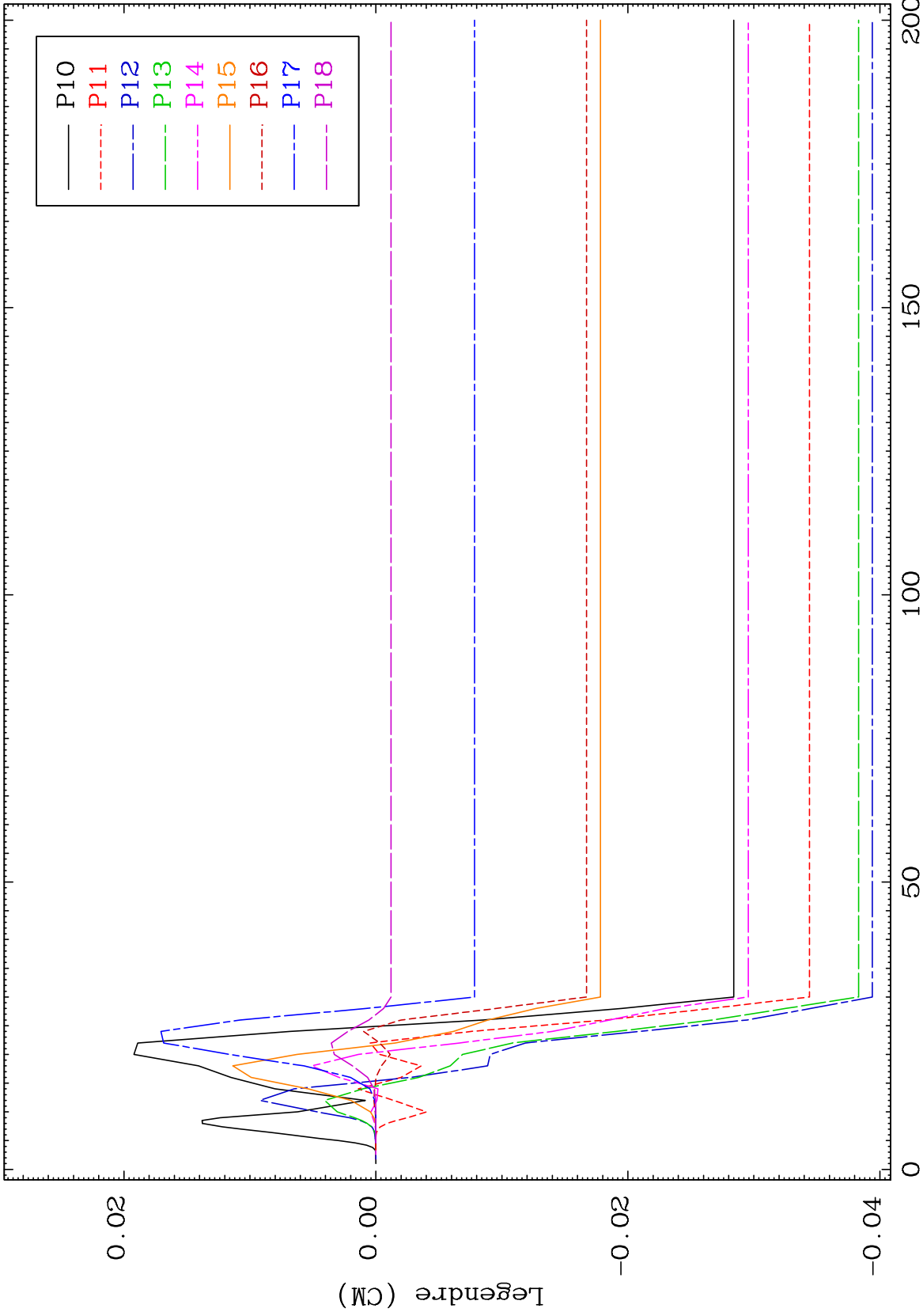
71-Lu-169



MAT 7107

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

71-Lu-169



69

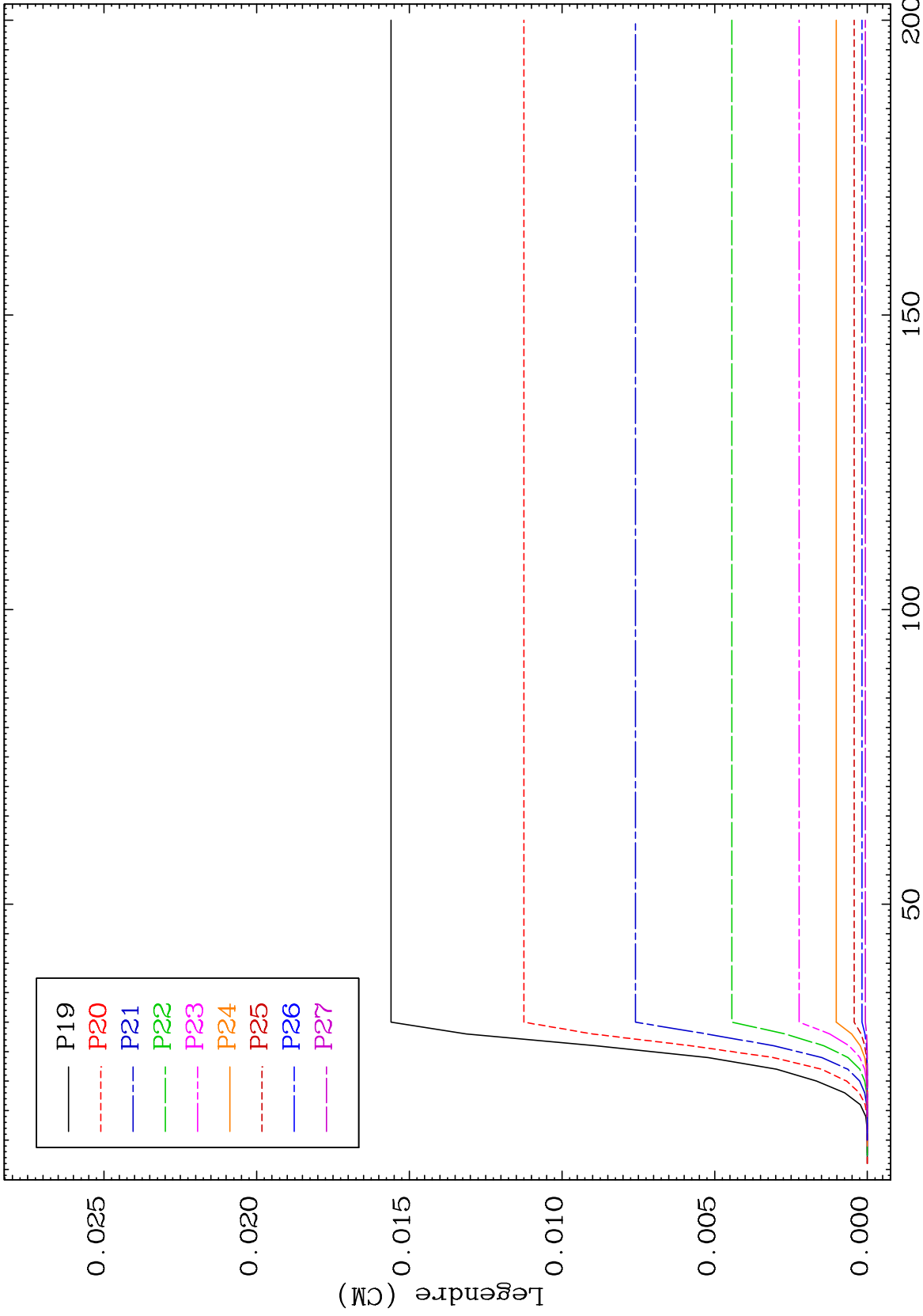
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

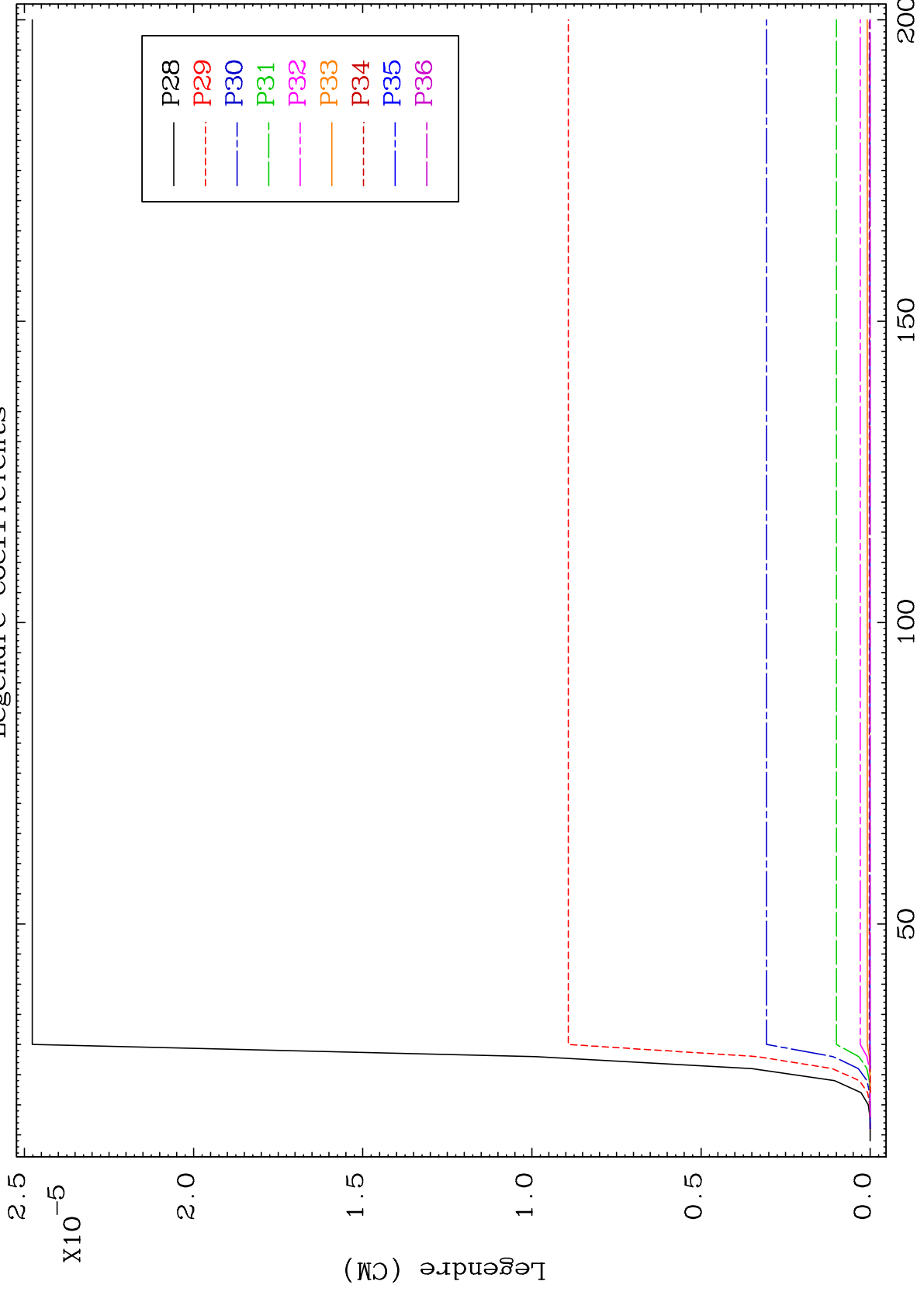
71-Lu-169



70

Incident Energy (MeV)

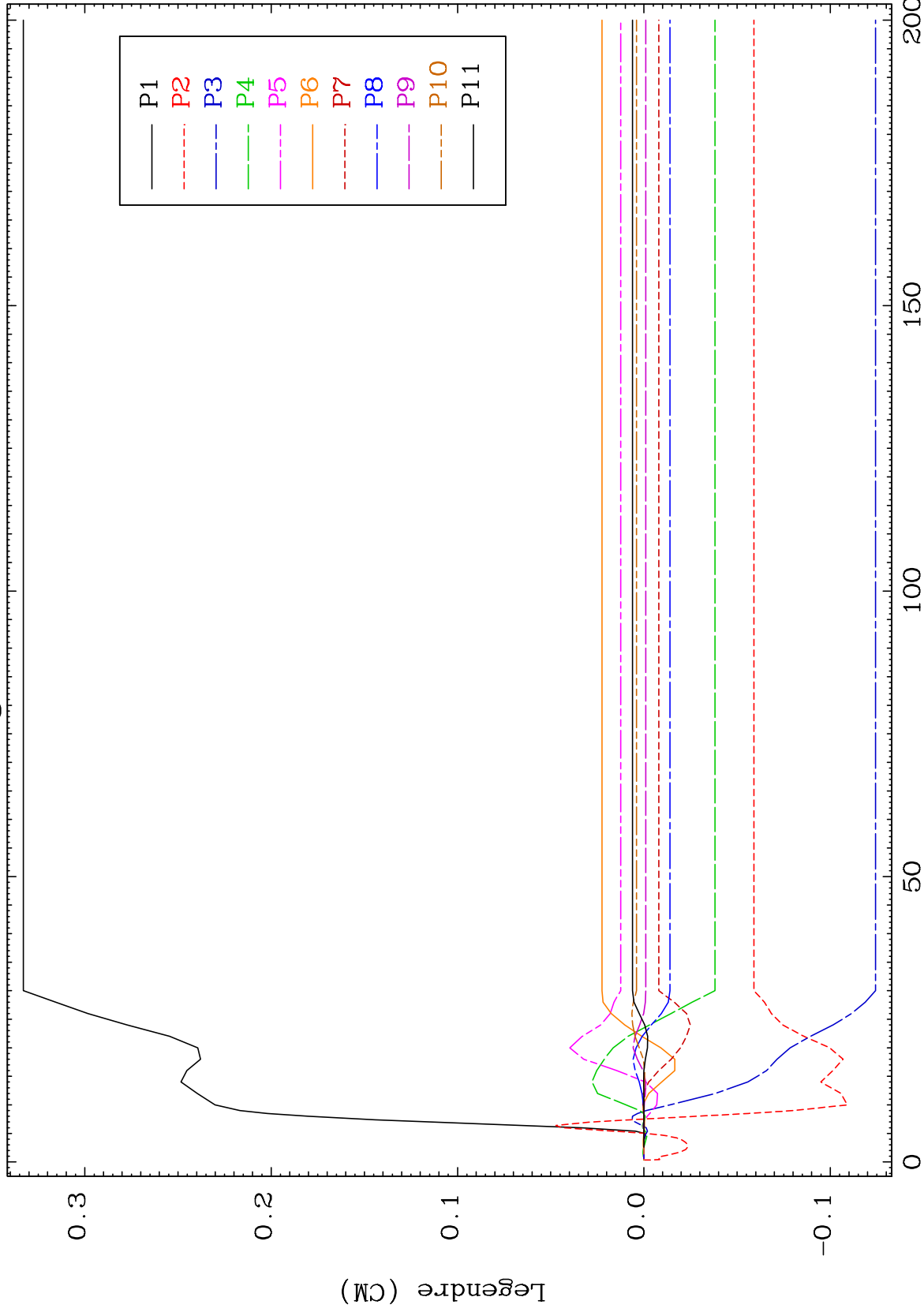
71-Lu-169



MAT 7107

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

71-Lu-169



72

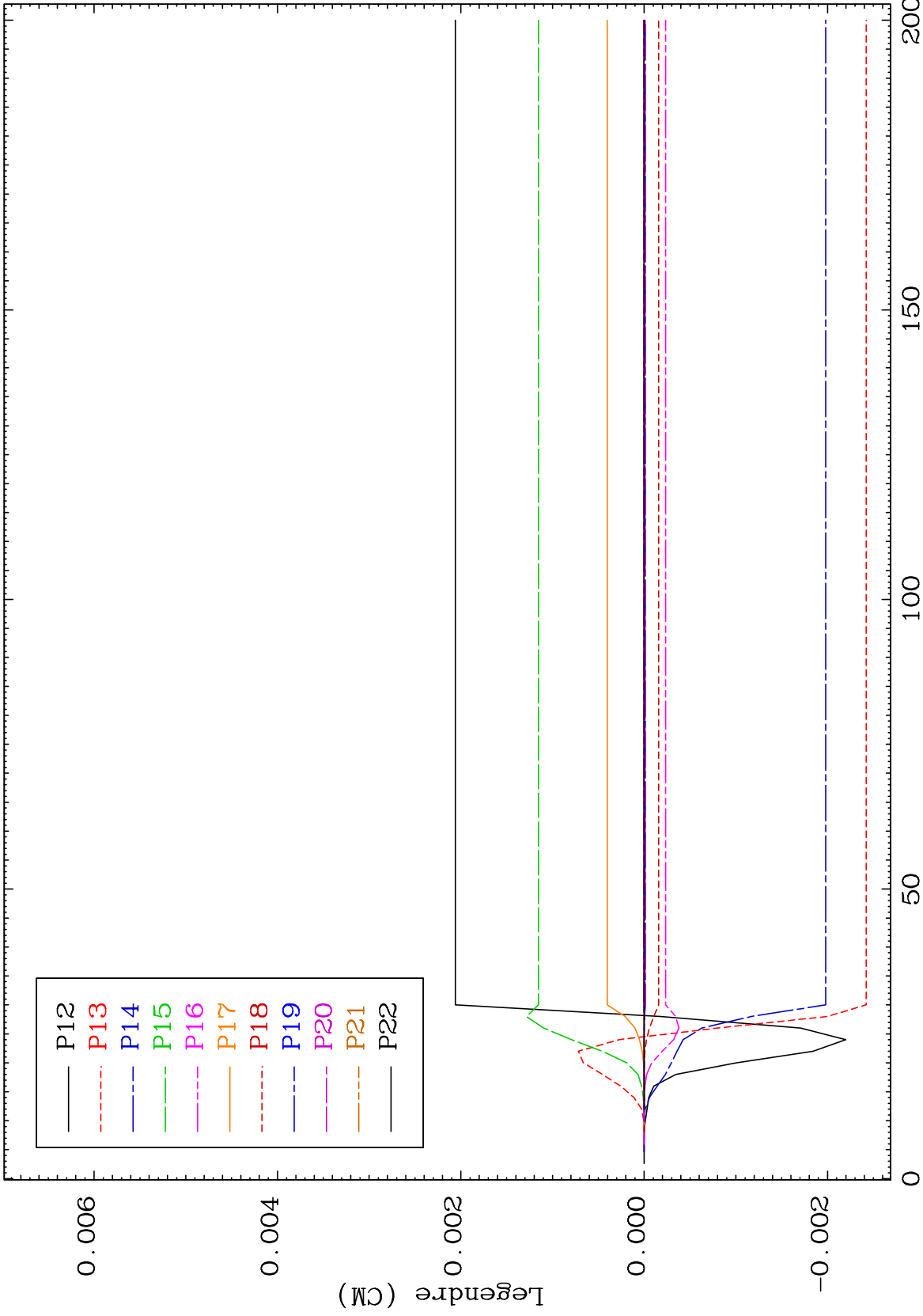
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



73

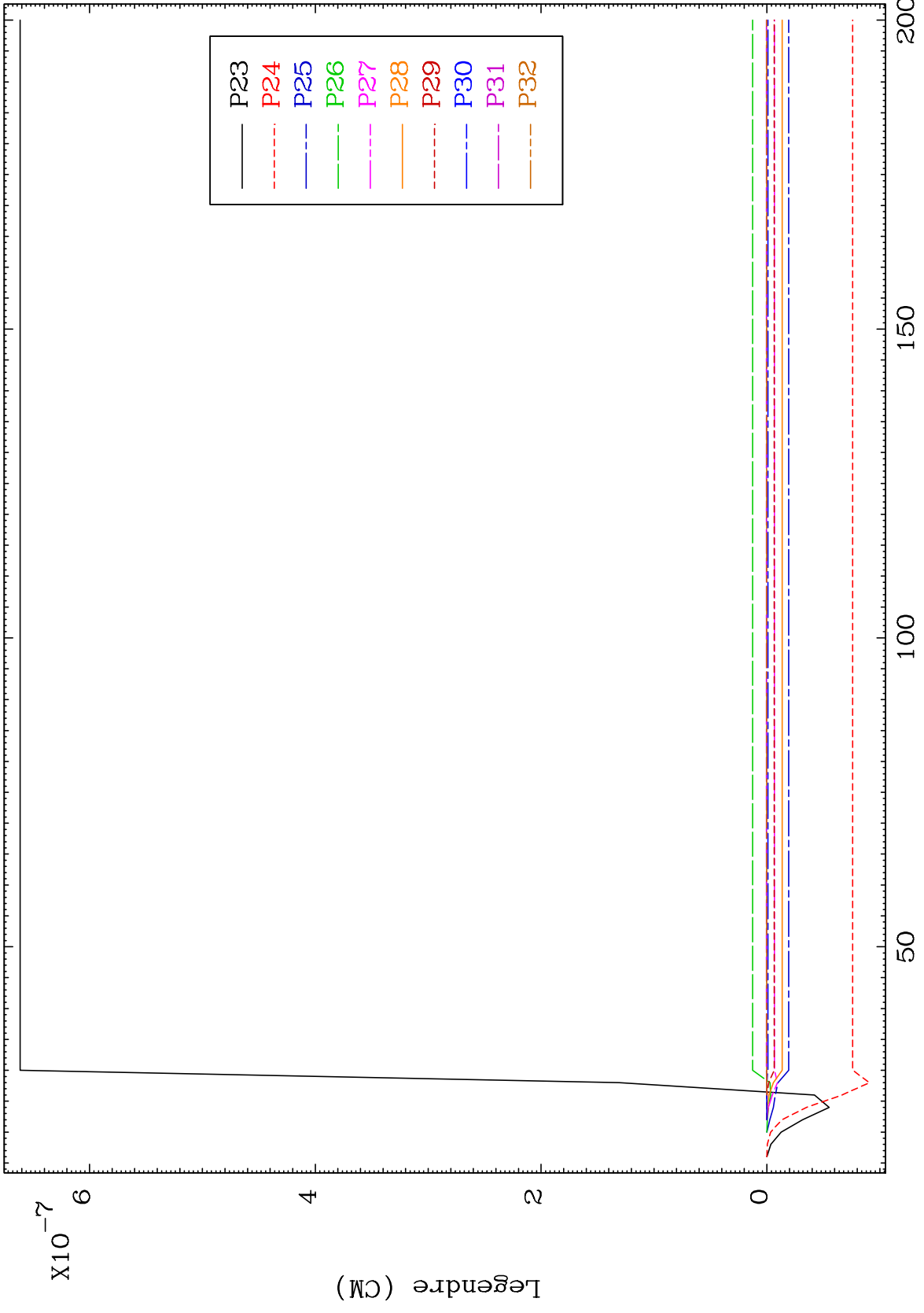
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



74

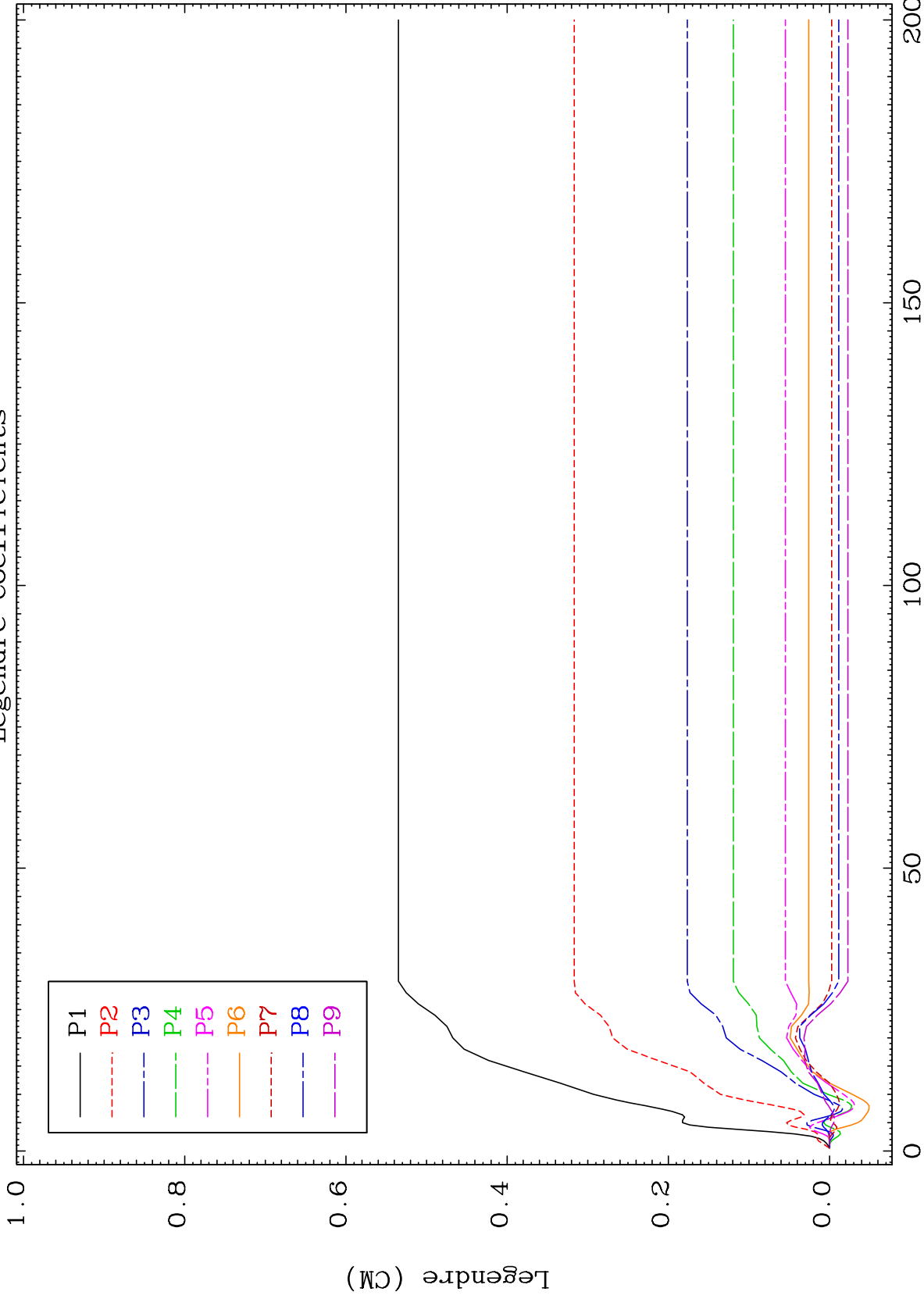
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



75

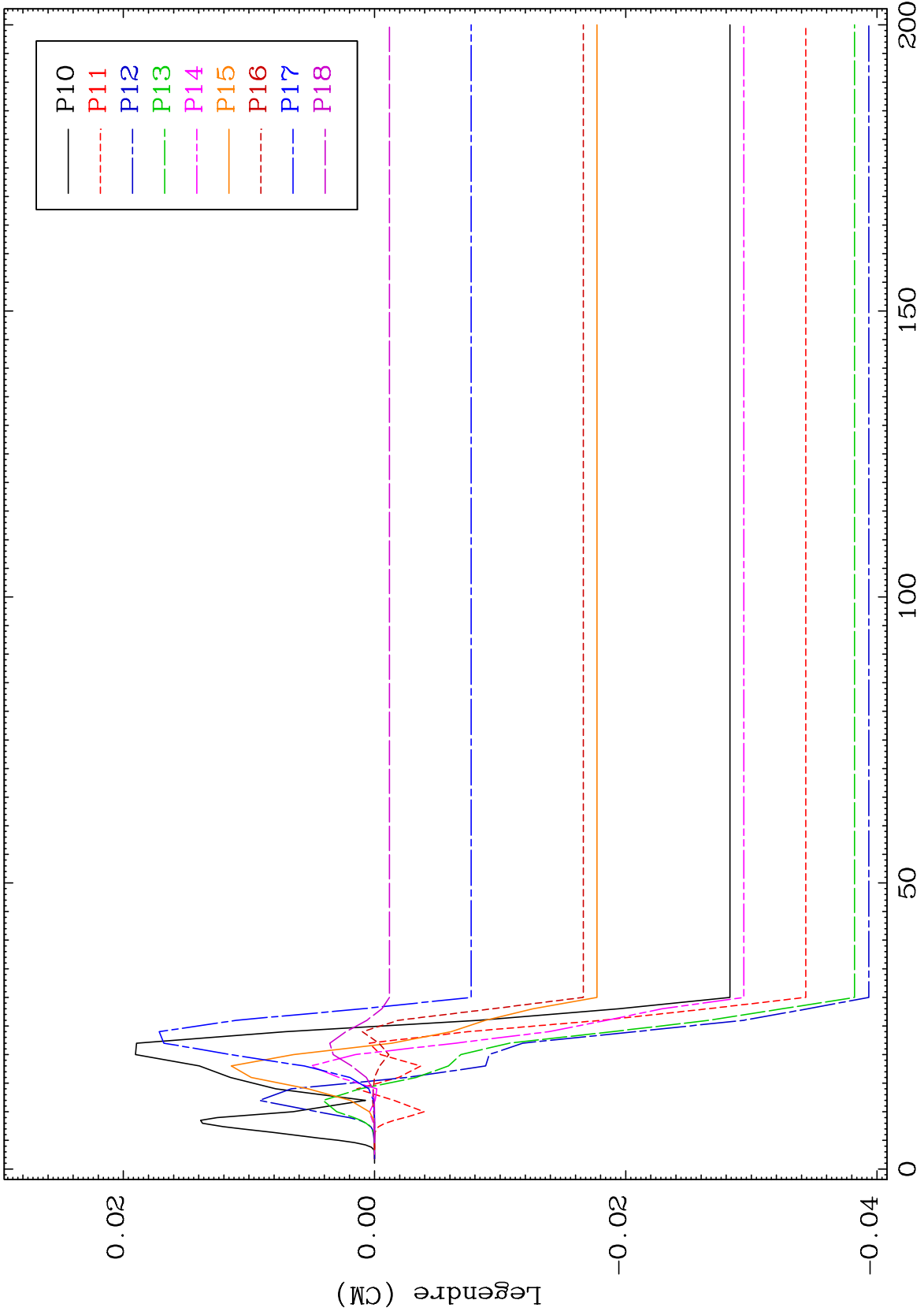
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

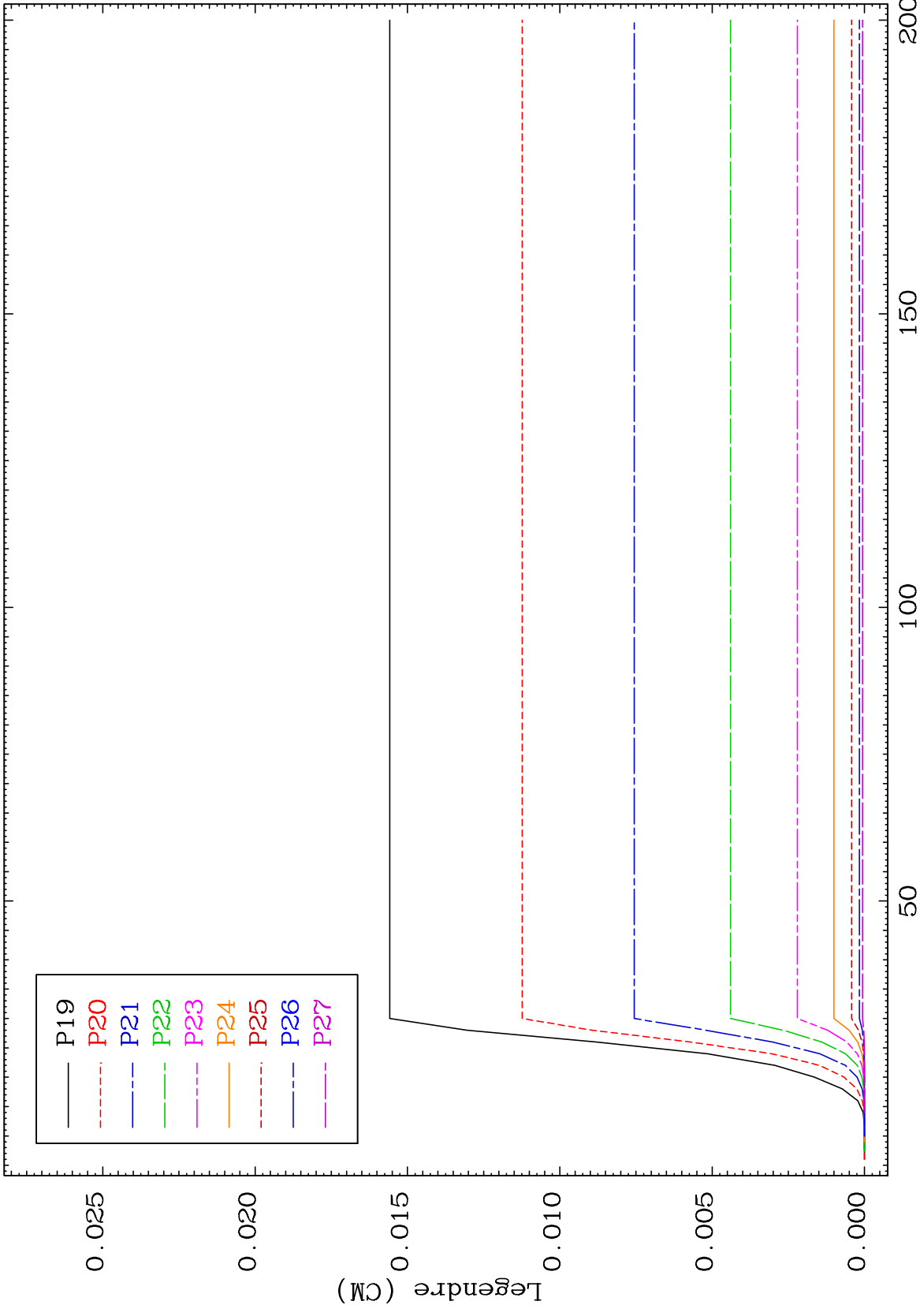
71-Lu-169



76

Incident Energy (MeV)

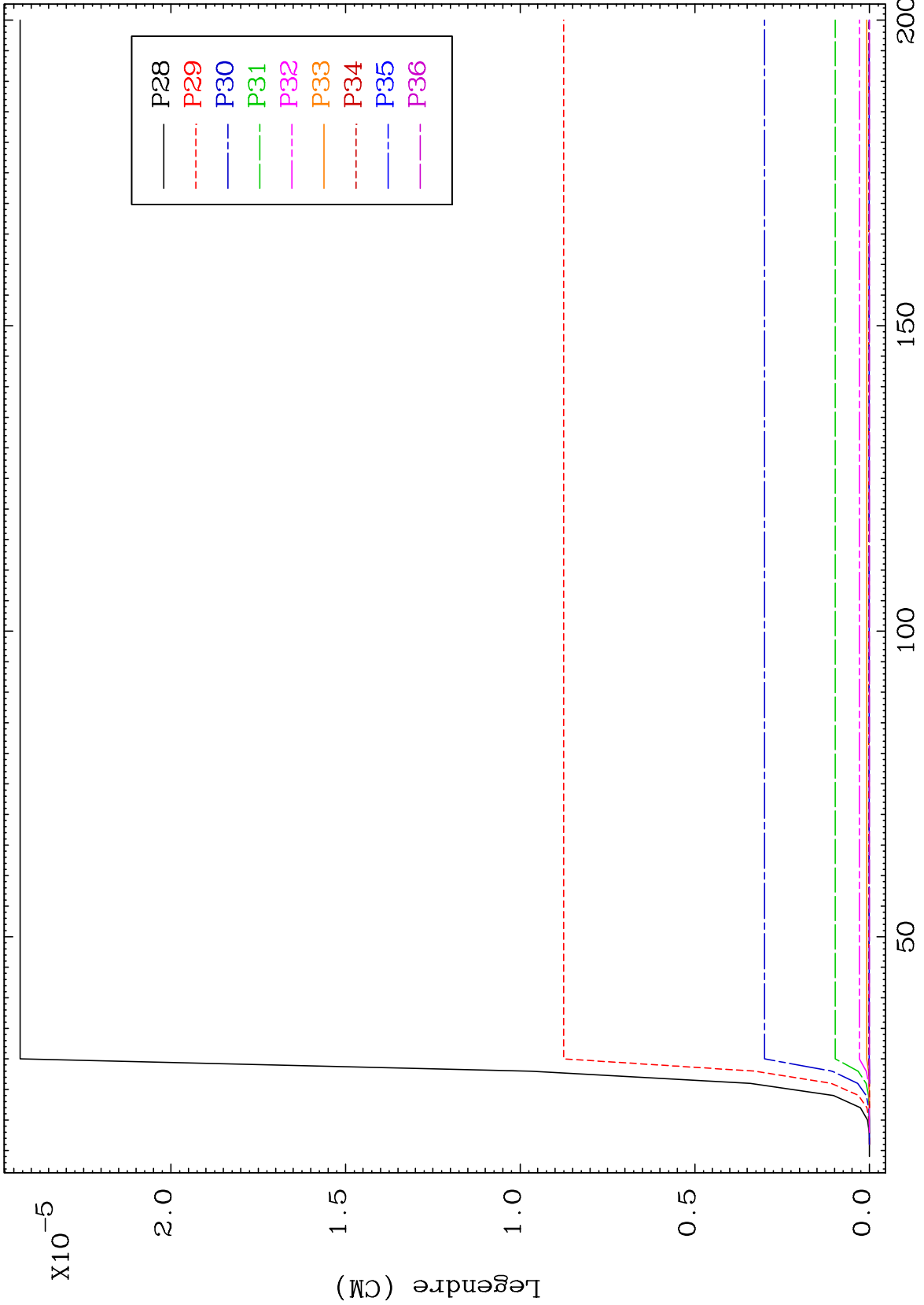
71-Lu-169



MAT 7107

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

71-Lu-169



78

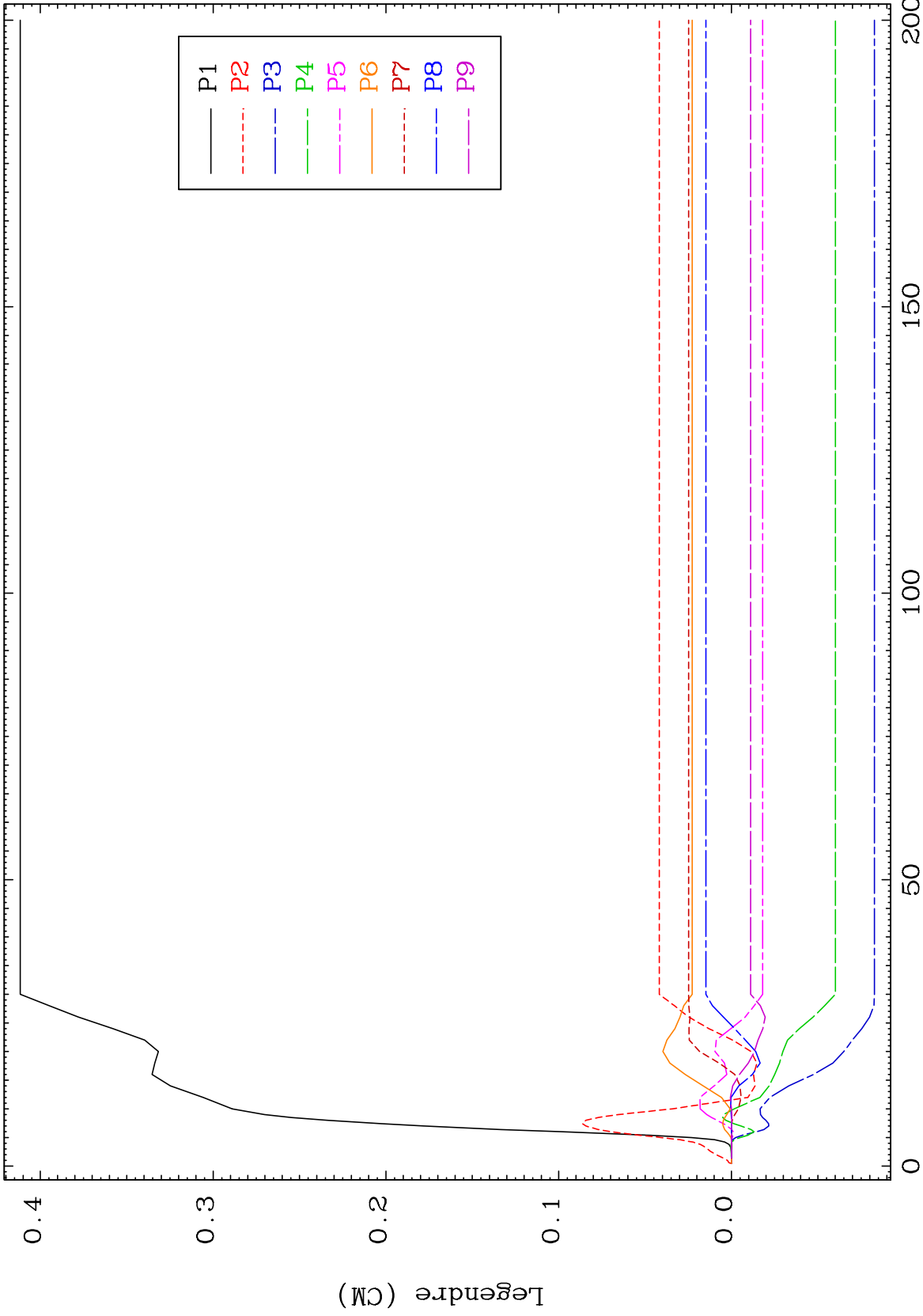
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



79

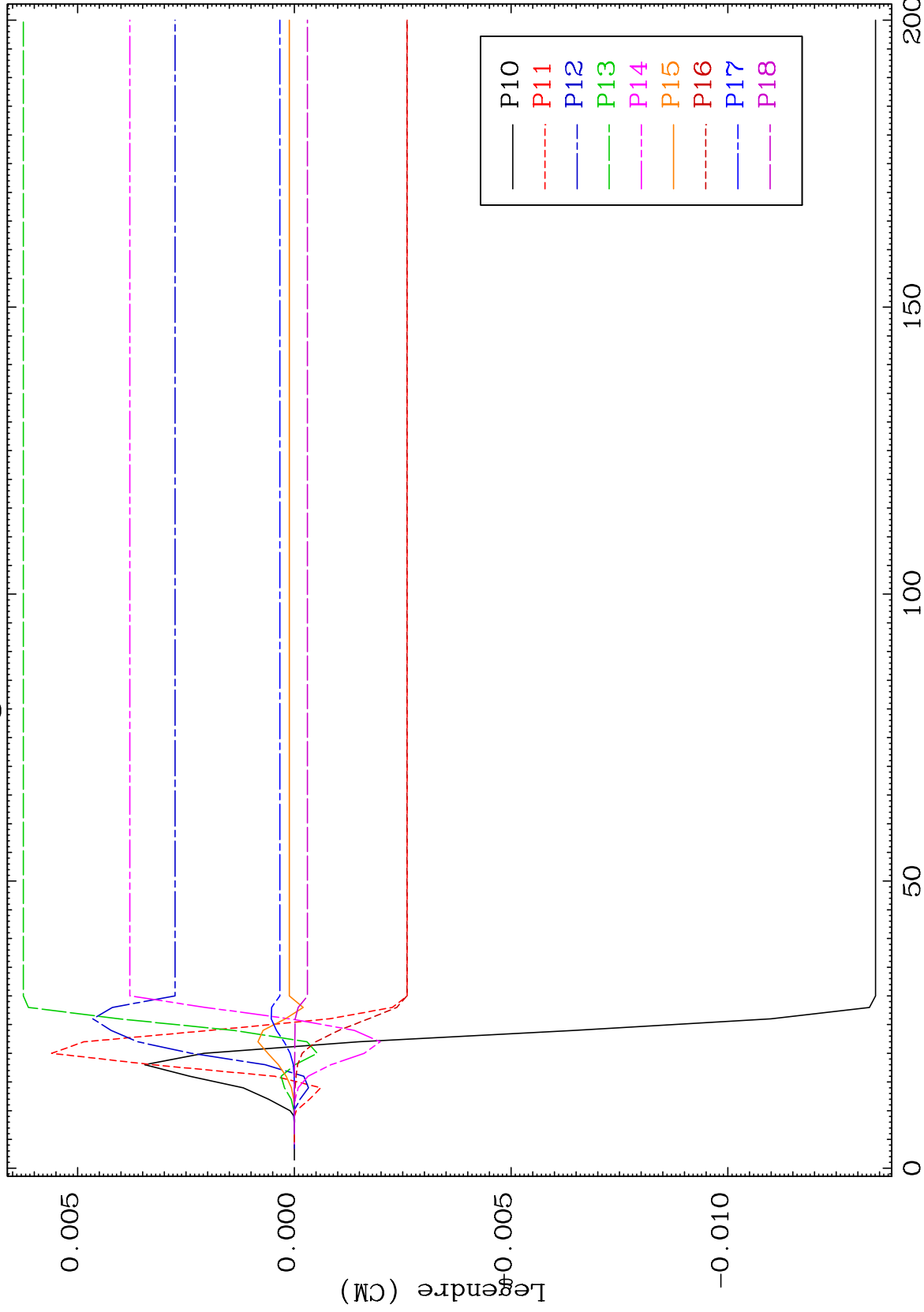
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



80

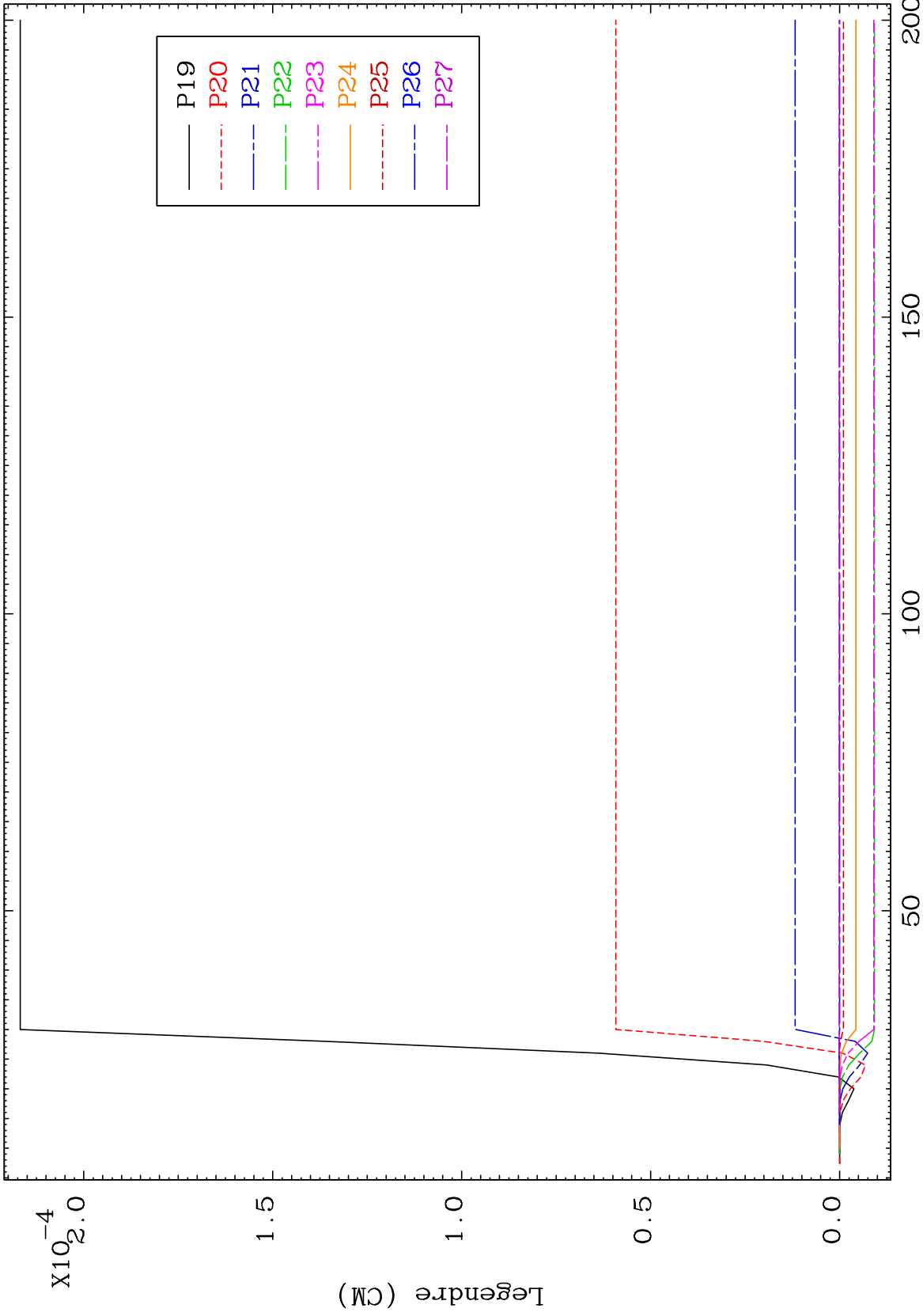
Incident Energy (MeV)

71-Lu-169

MAT 7107

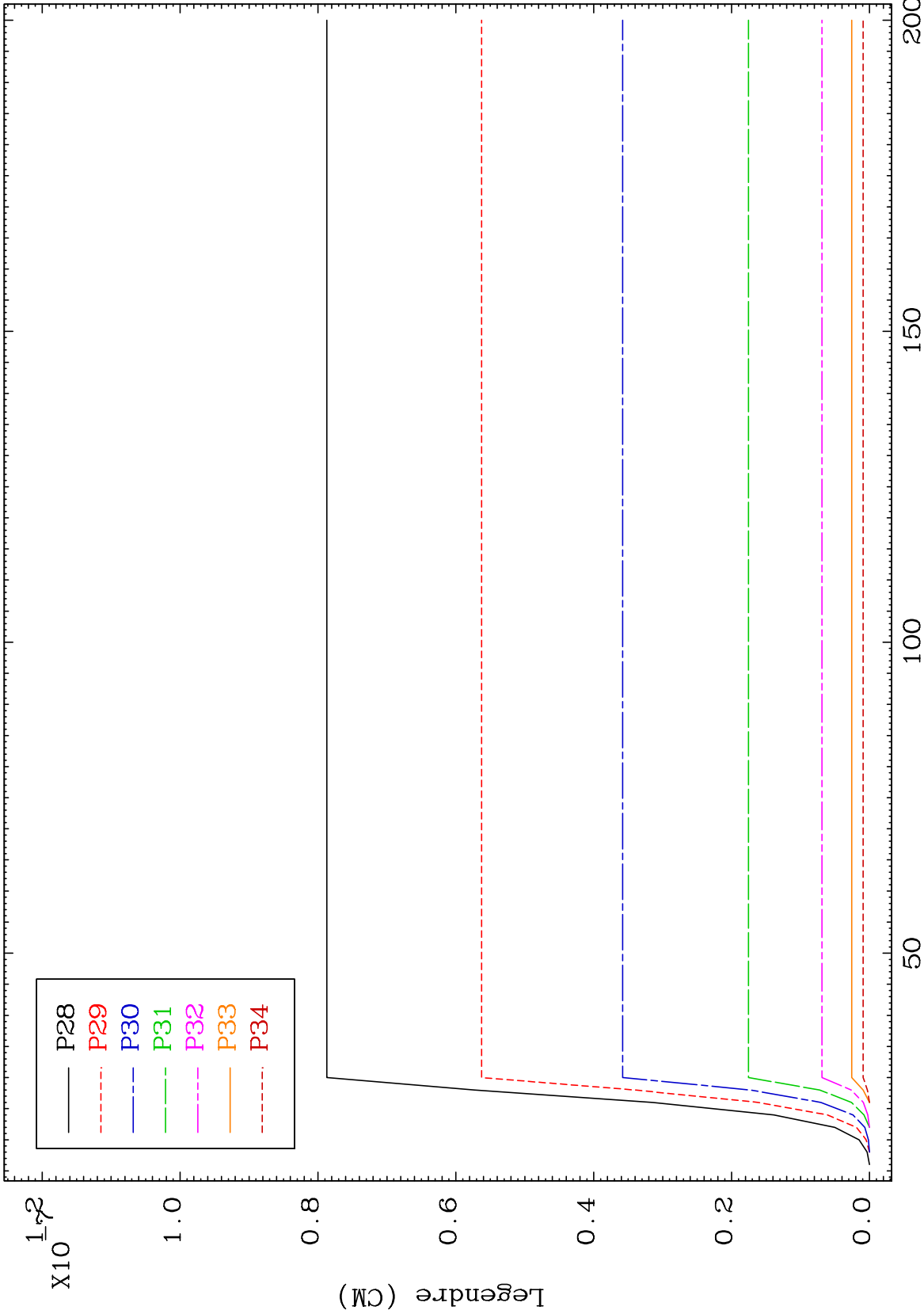
MT= 66 (n,n') Level
Legendre Coefficients

71-Lu-169

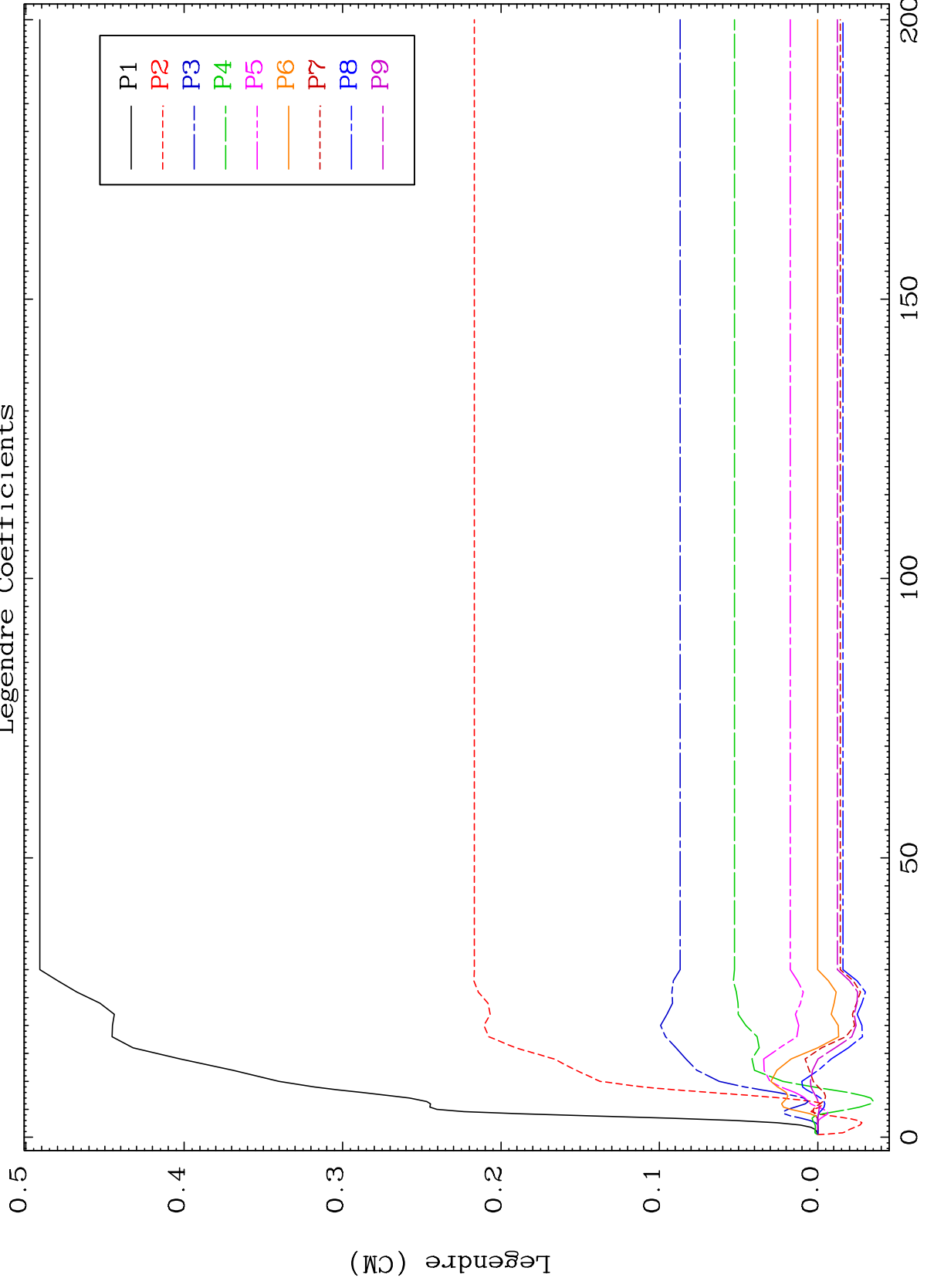


81

71-Lu-169



MAT 7107 MT= 67 (n,n') Level Legendre Coefficients 71-Lu-169

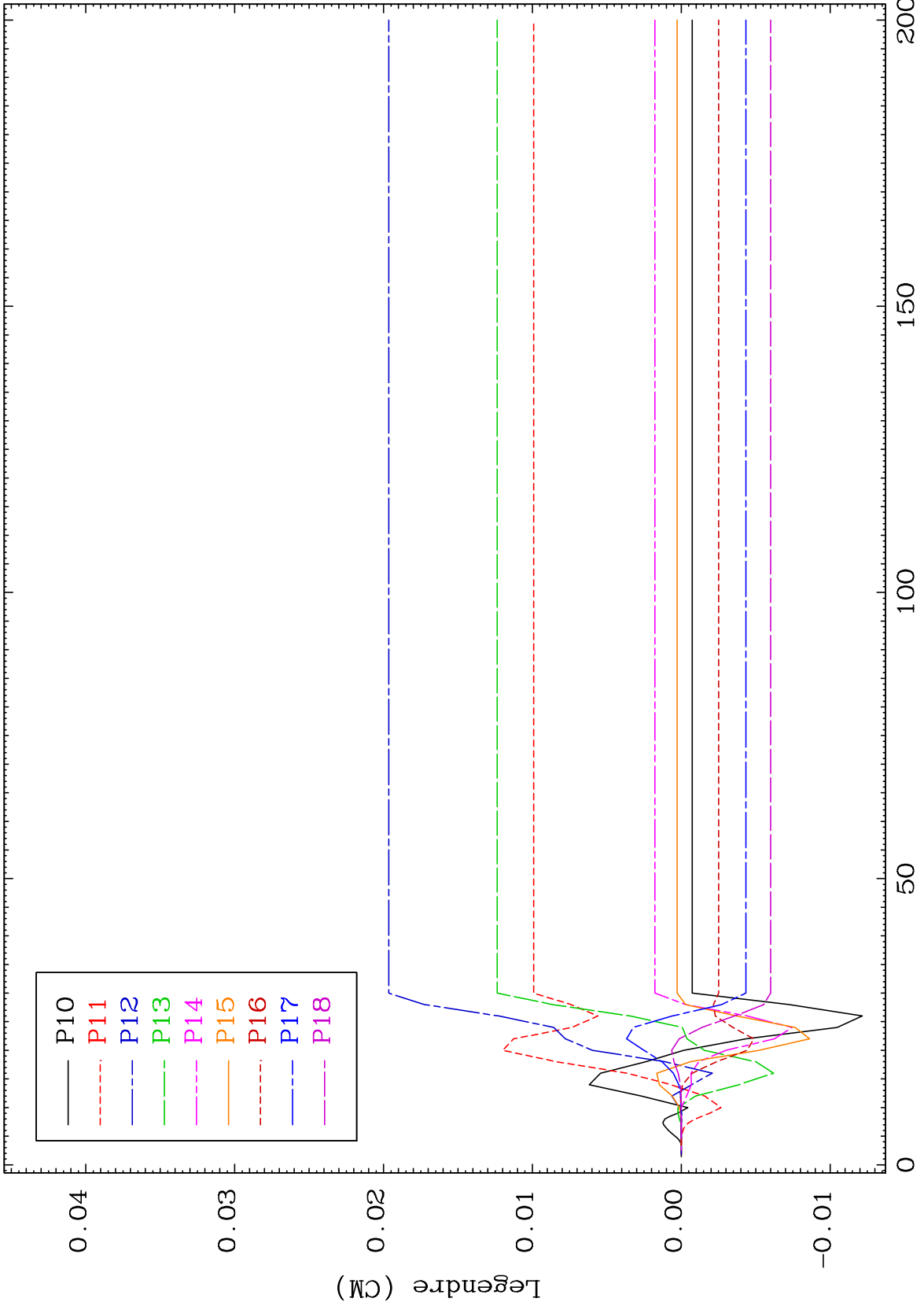


83 71-Lu-169

MAT 7107

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

71-Lu-169



84

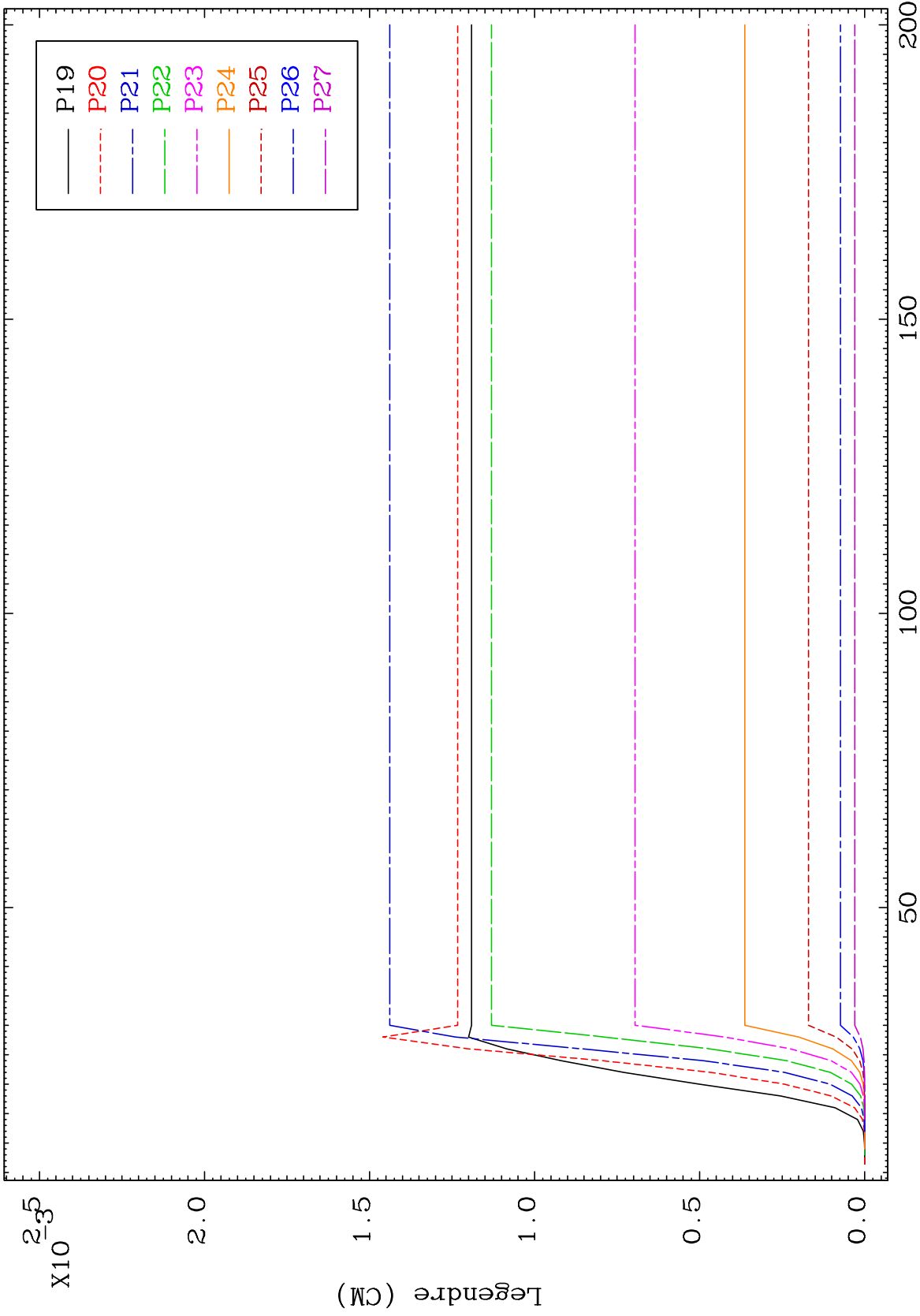
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

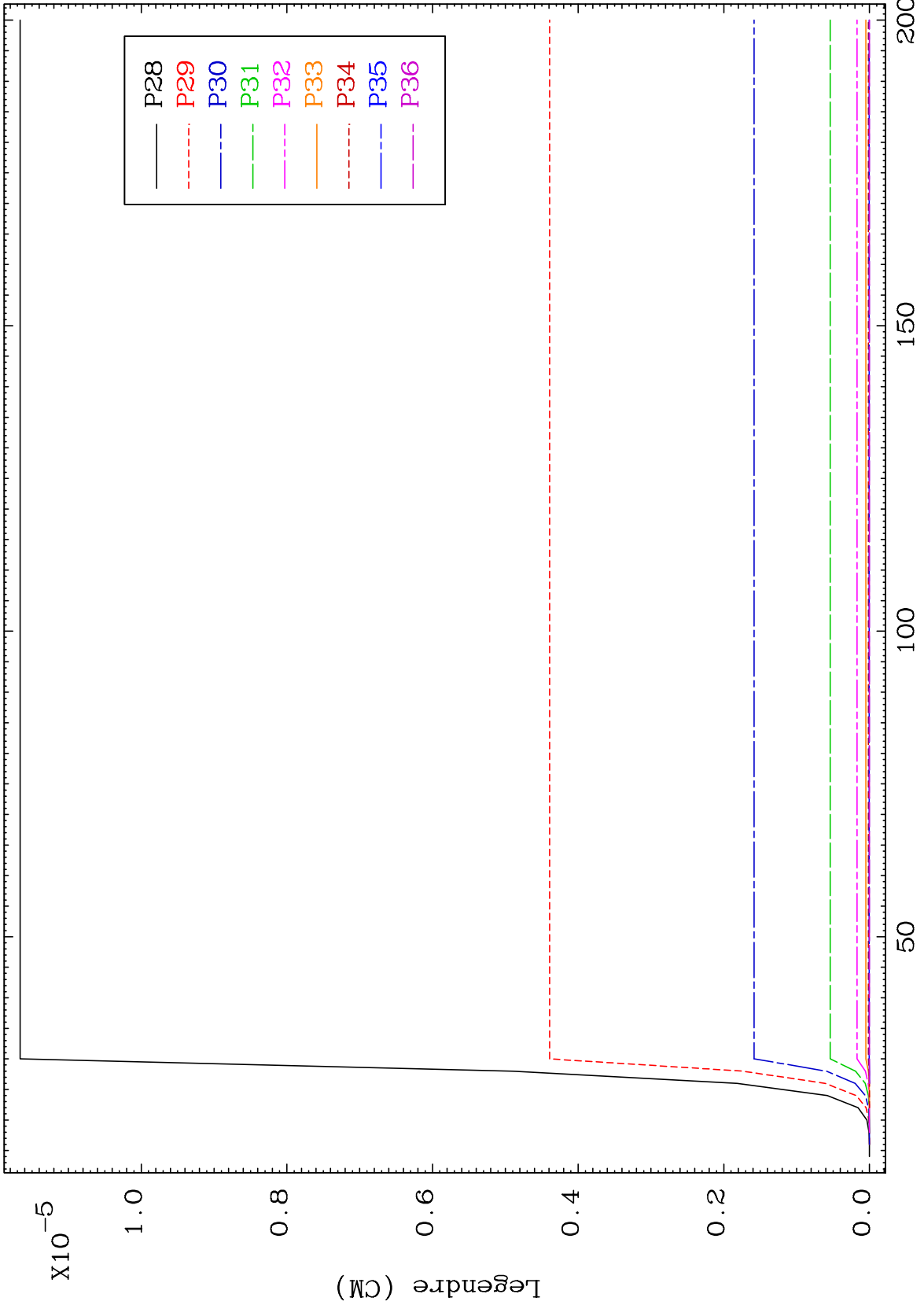
71-Lu-169



85

Incident Energy (MeV)

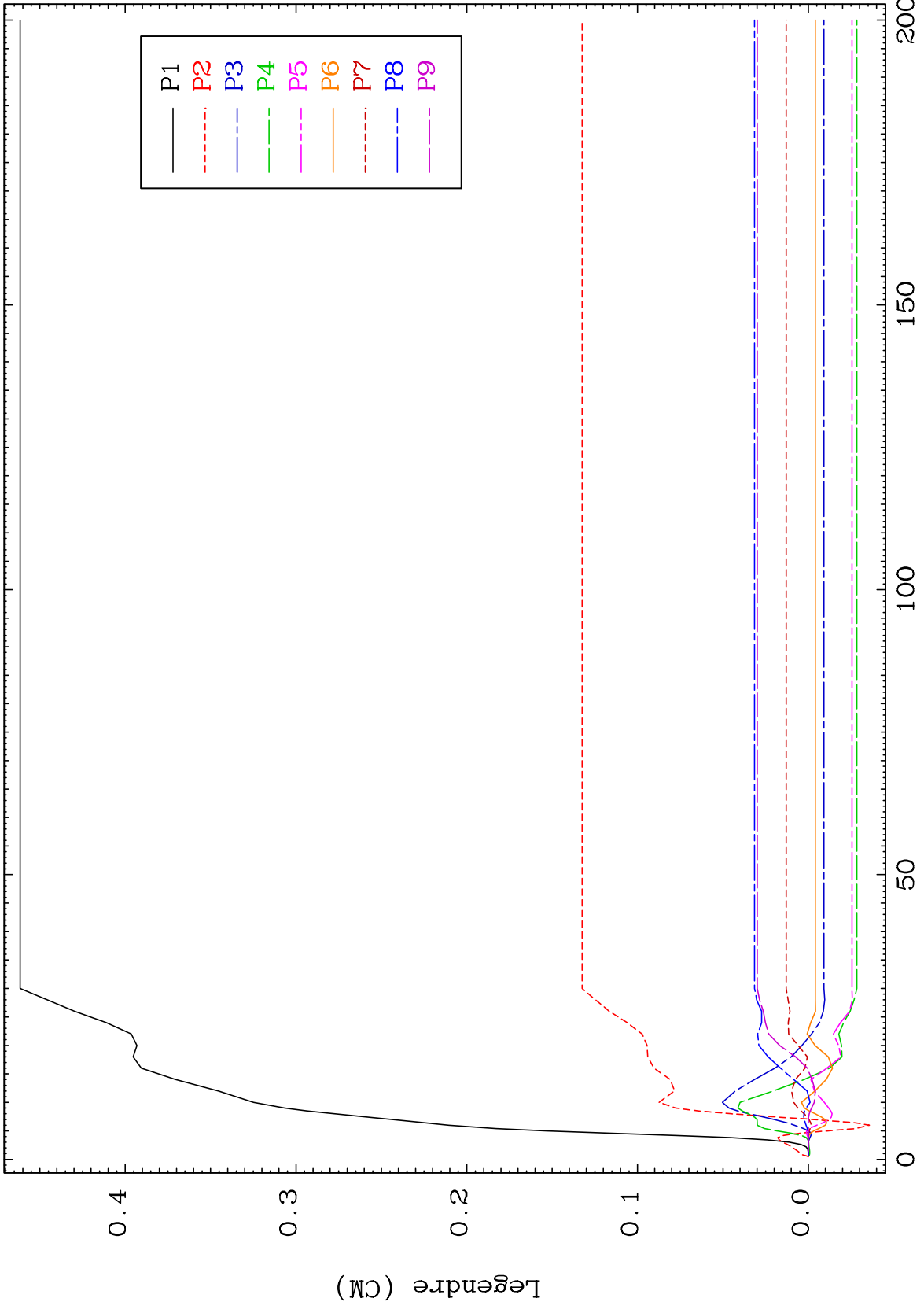
71-Lu-169



MAT 7107

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

71-Lu-169



87

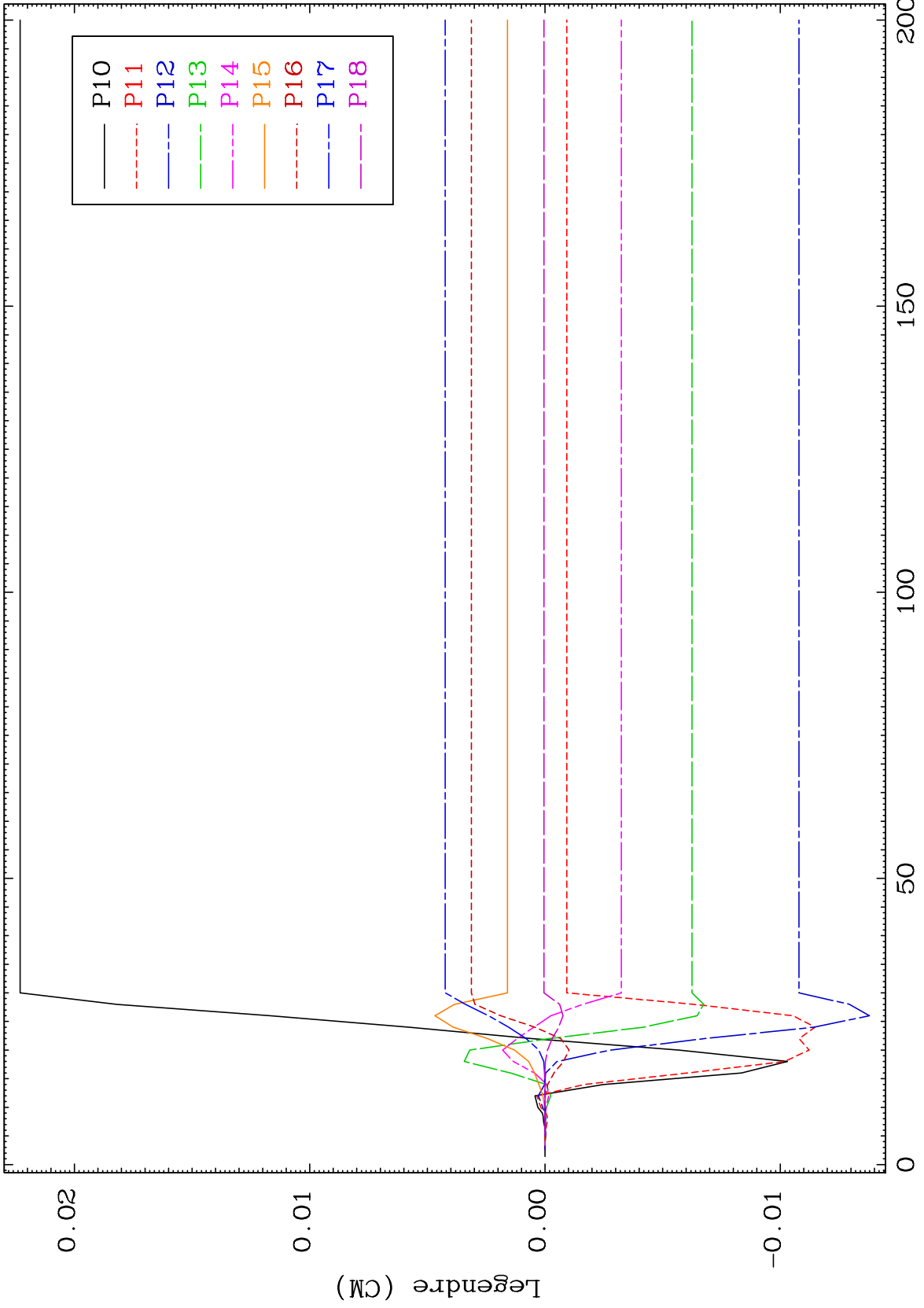
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



88

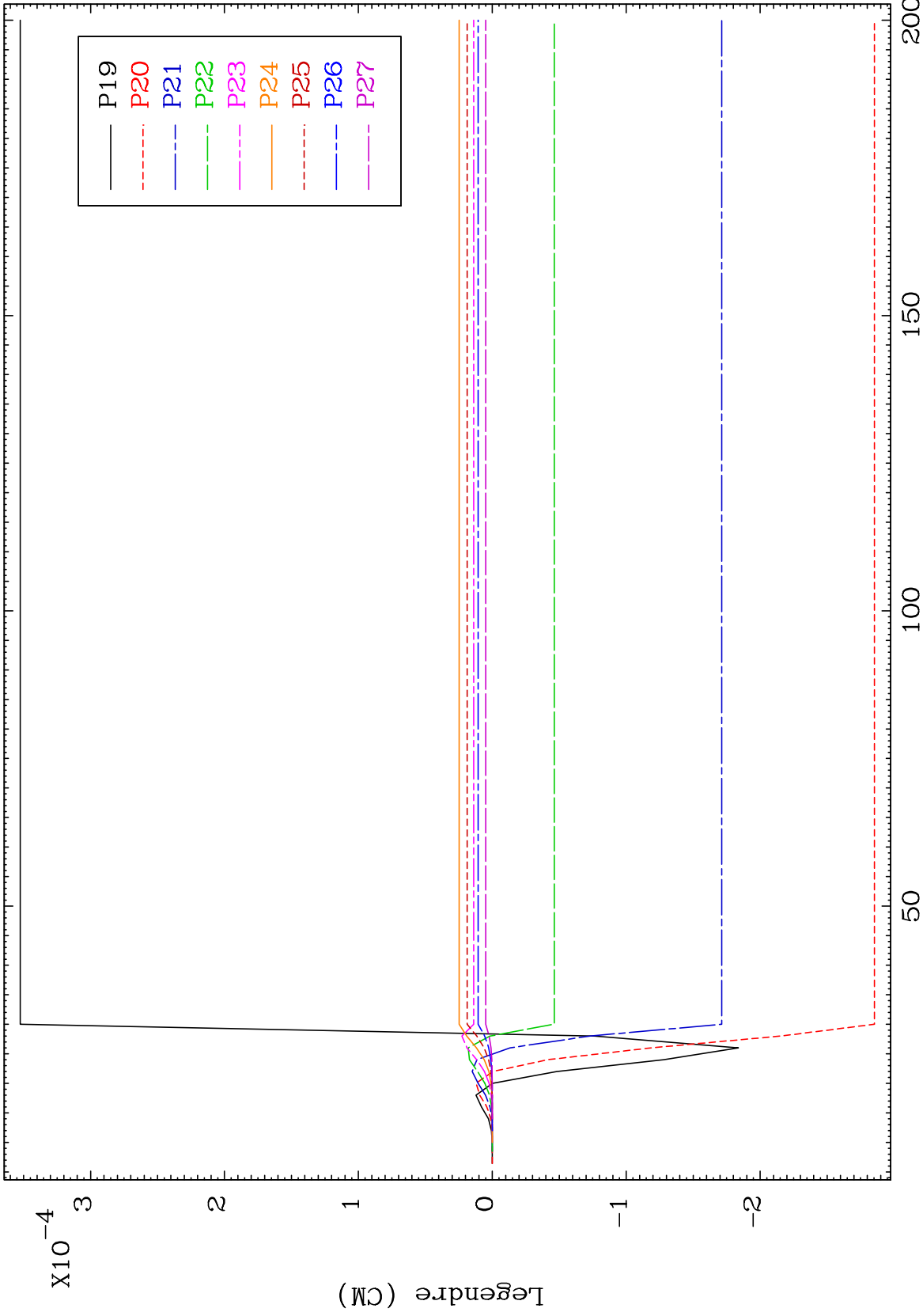
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



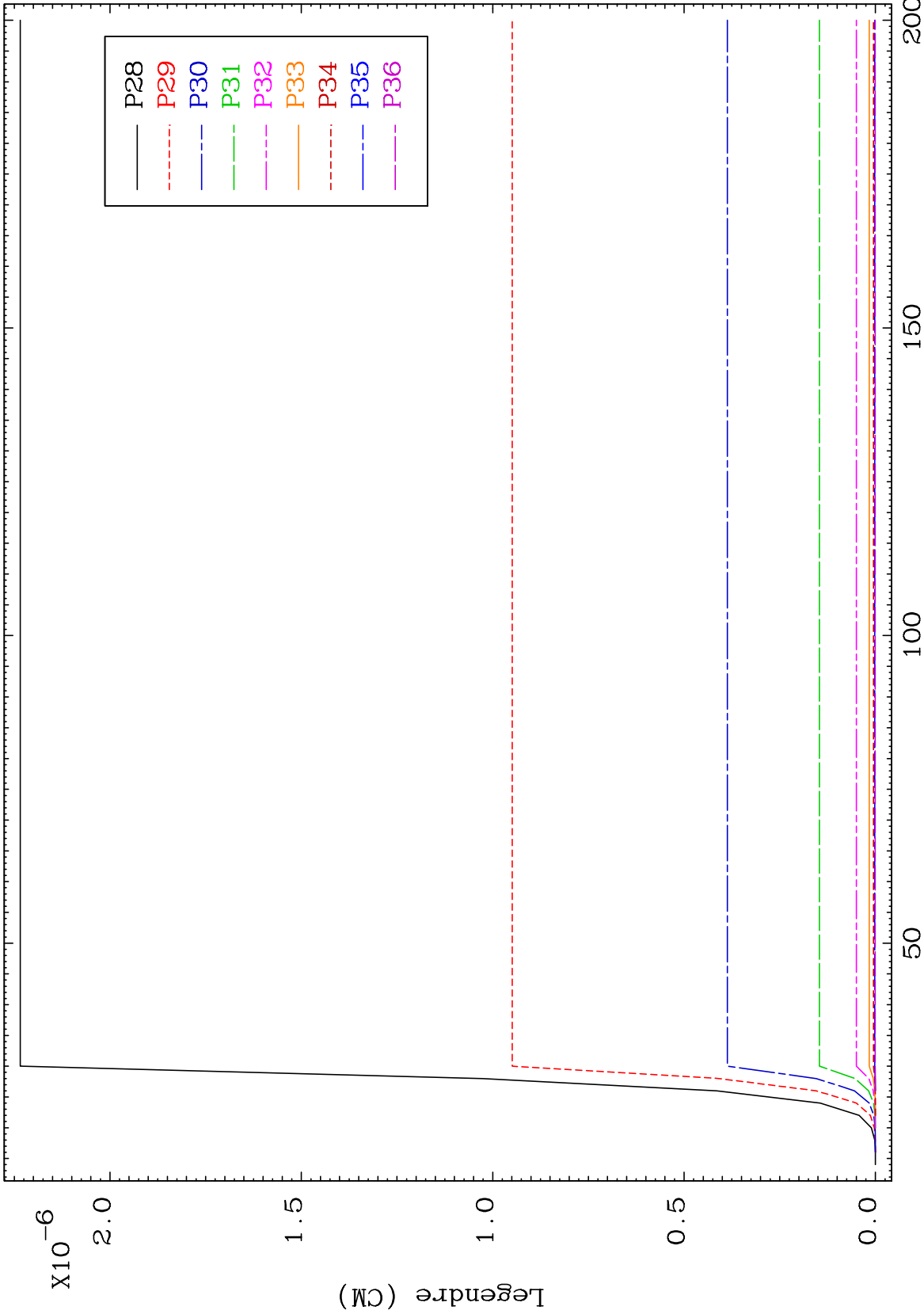
89

71-Lu-169

MAT 7107

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

71-Lu-169



90

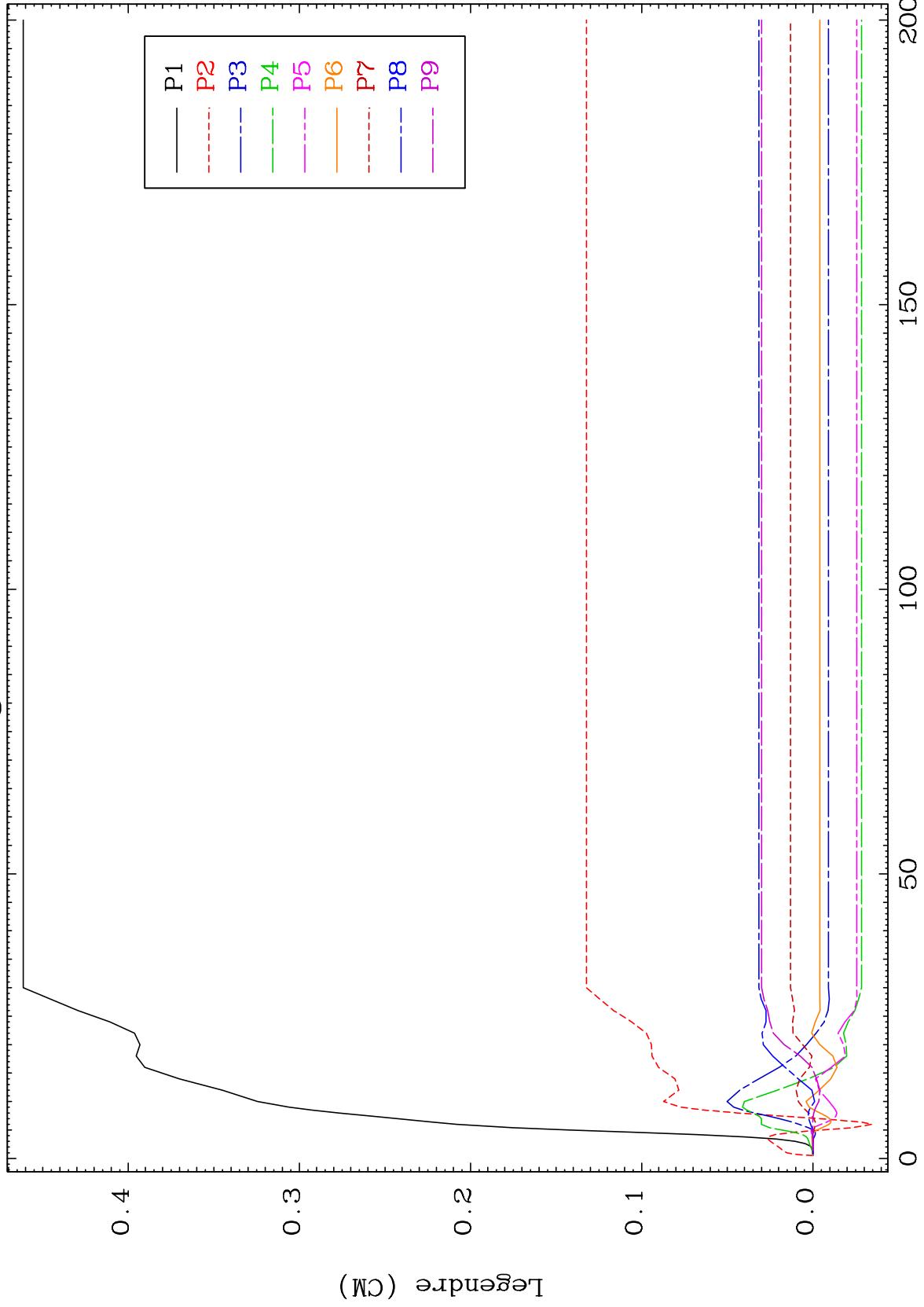
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



91

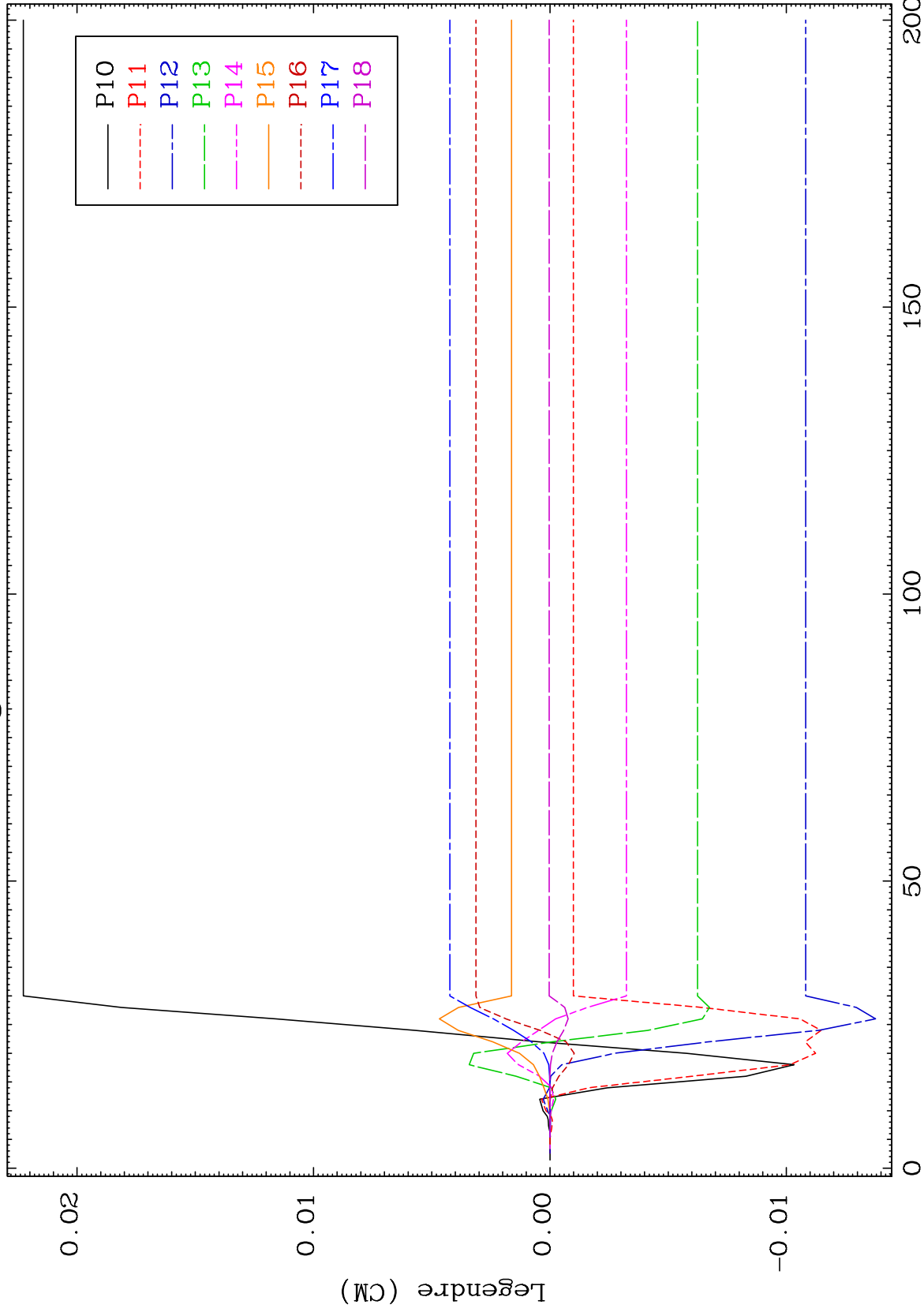
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



92

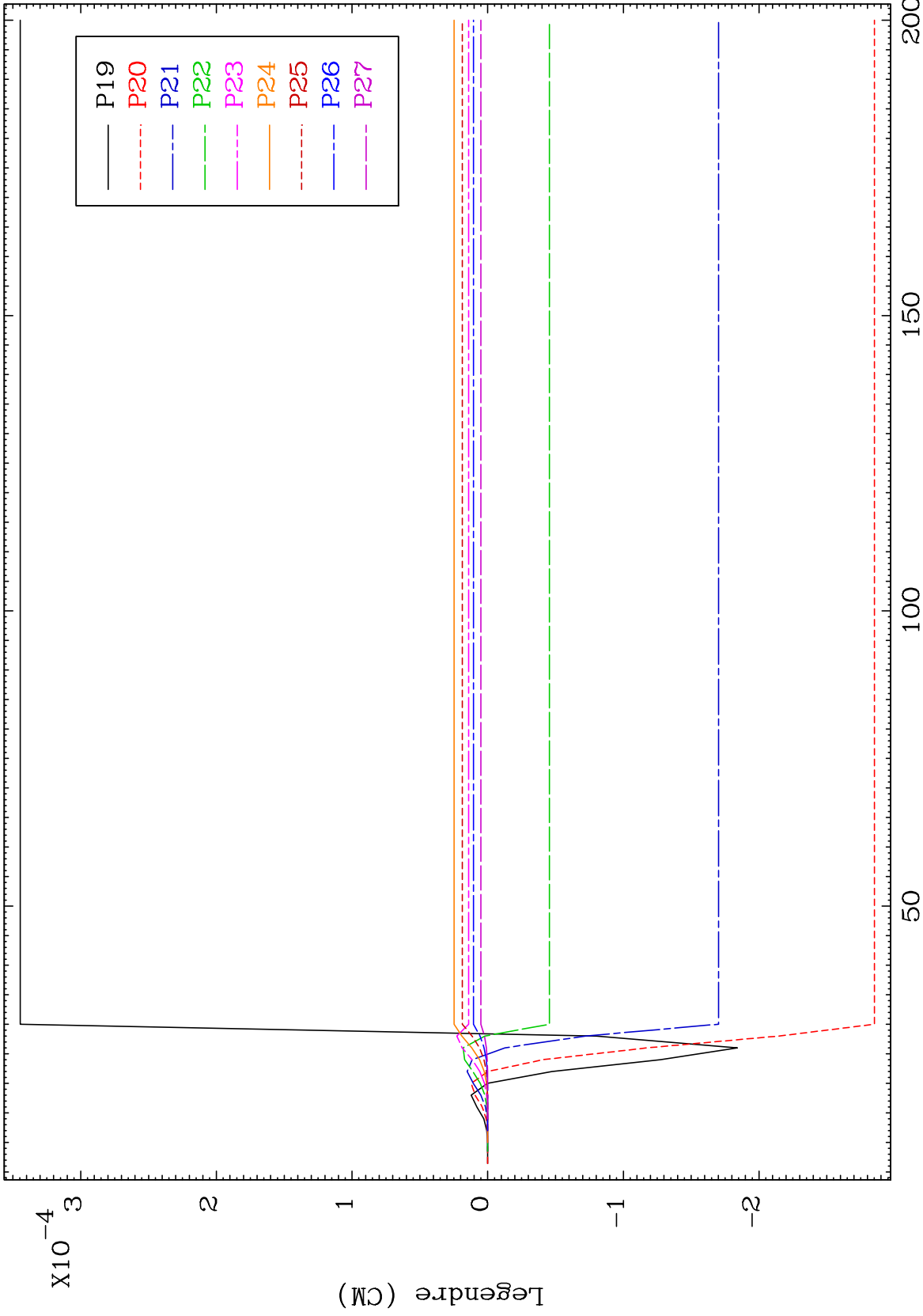
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



93

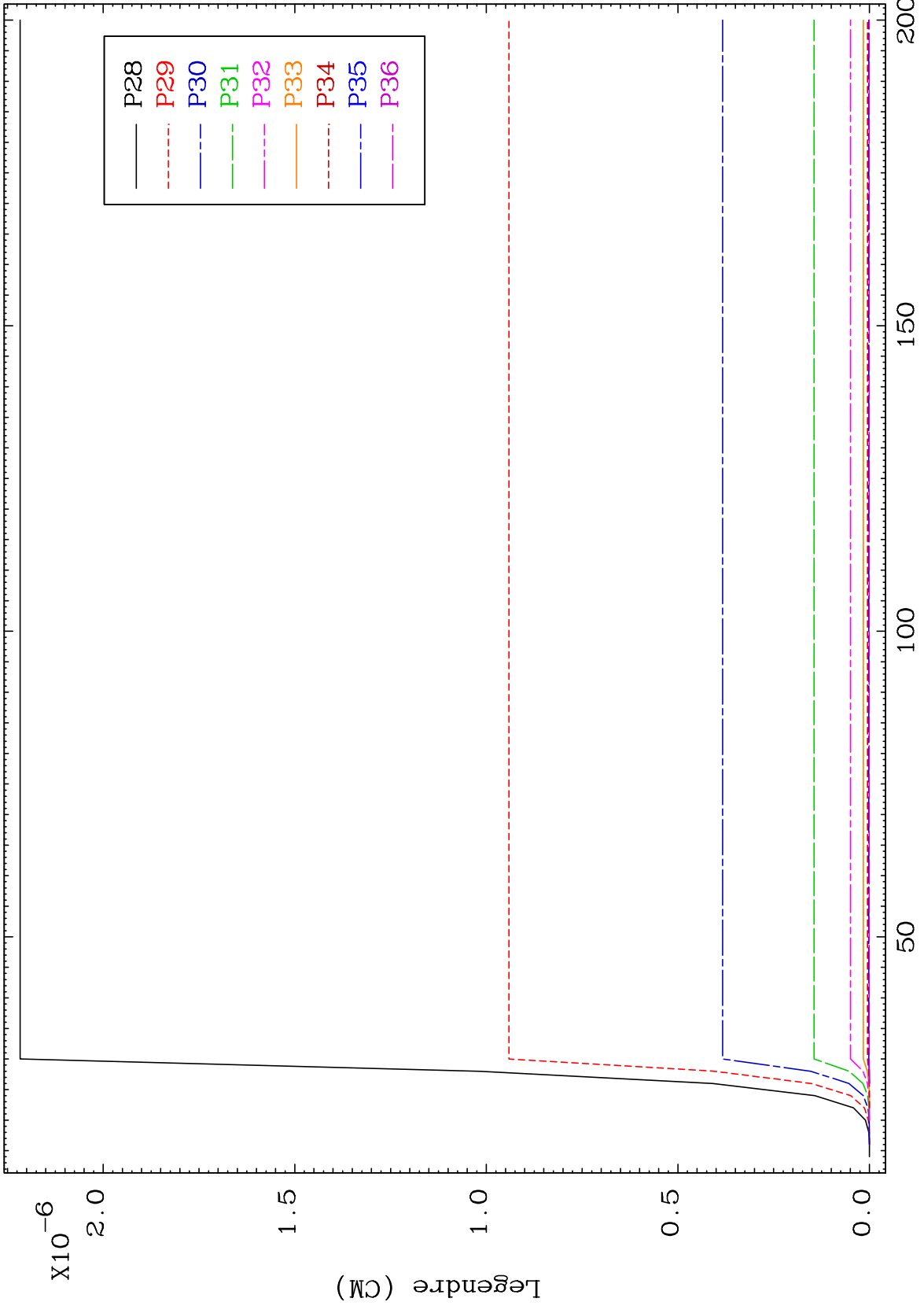
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169

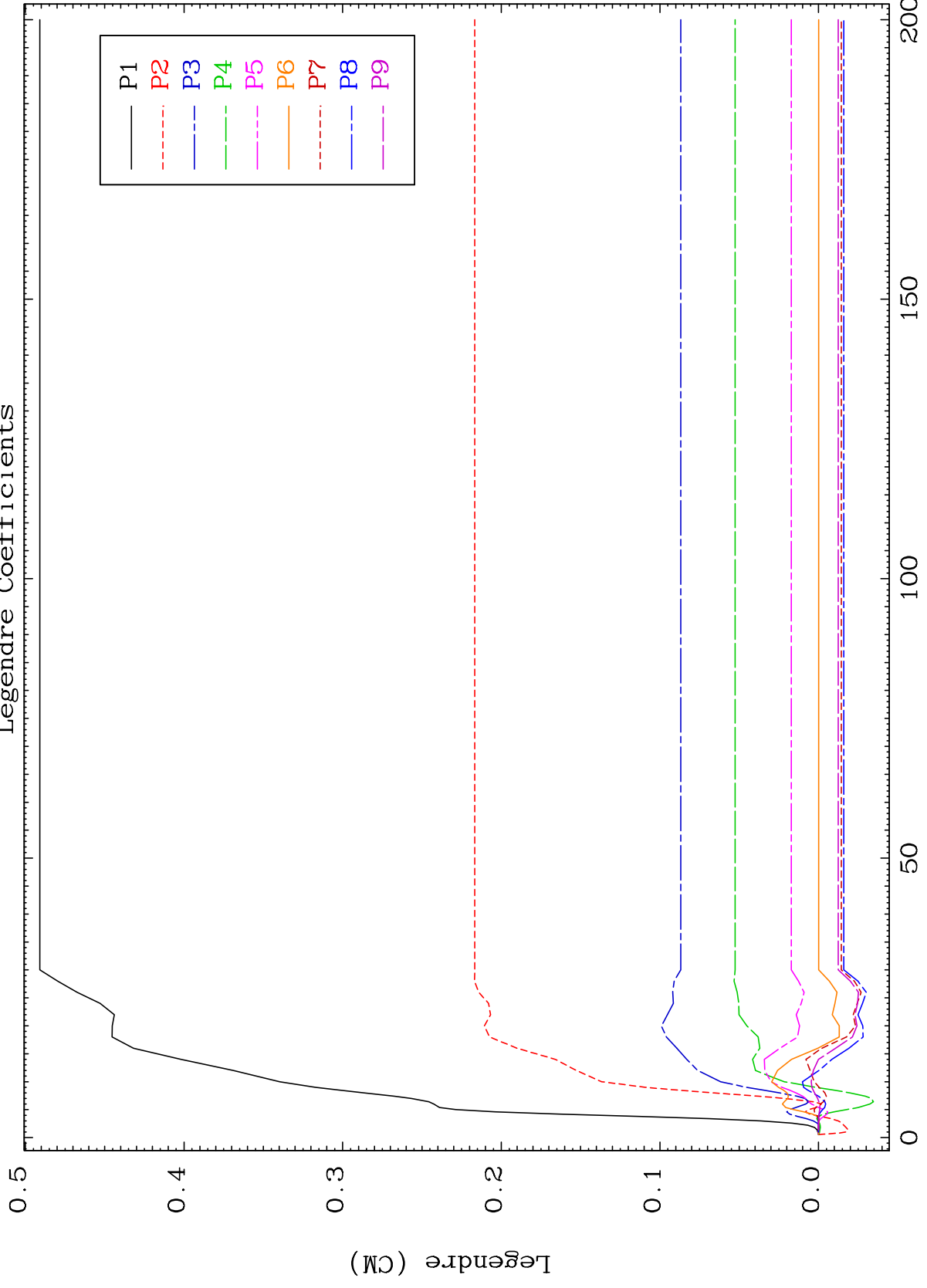


94

Incident Energy (MeV)

71-Lu-169

MAT 7107 MT= 70 (n,n') Level Legendre Coefficients 71-Lu-169

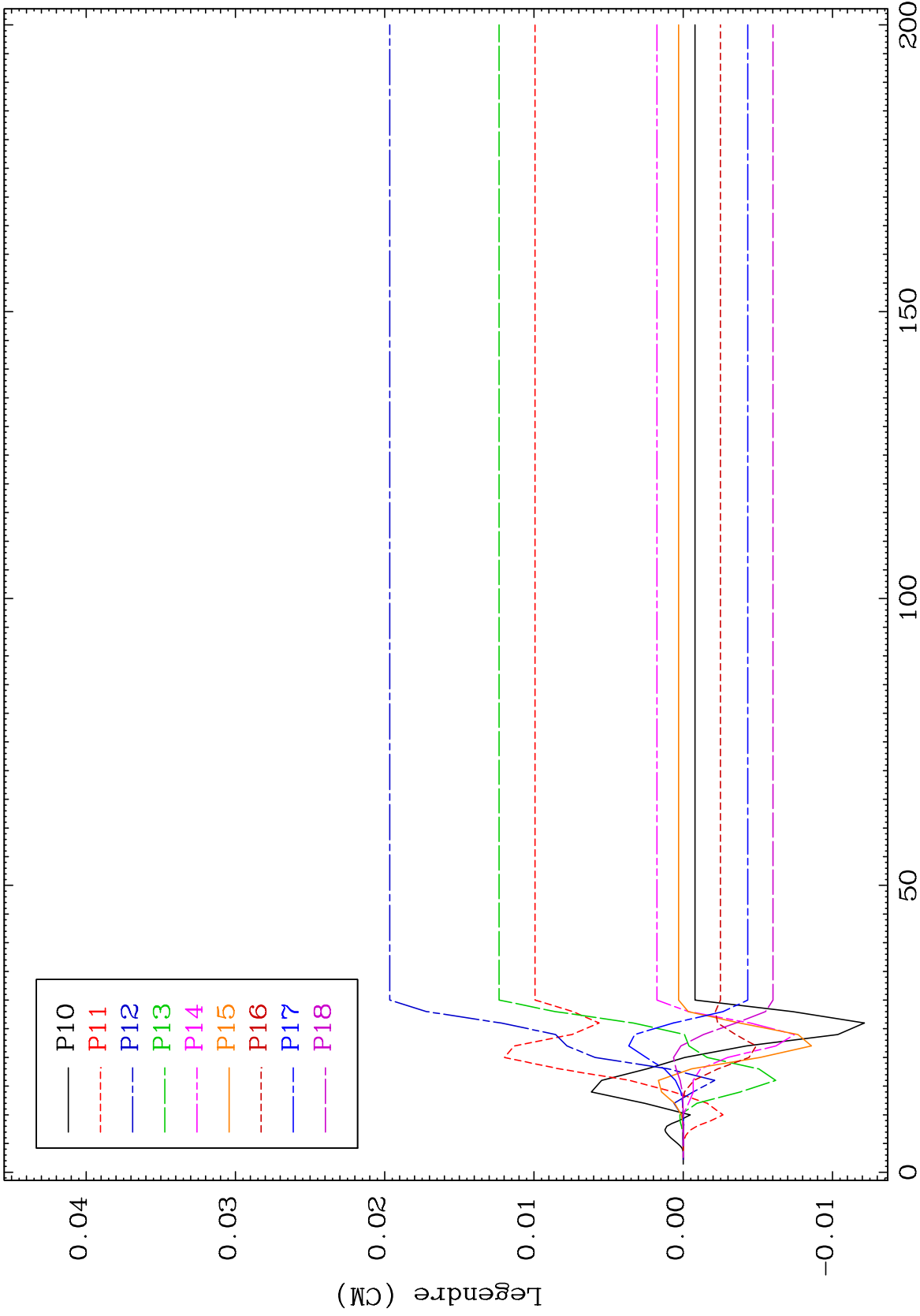


95 Incident Energy (MeV) 71-Lu-169

MAT 7107

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

71-Lu-169



96

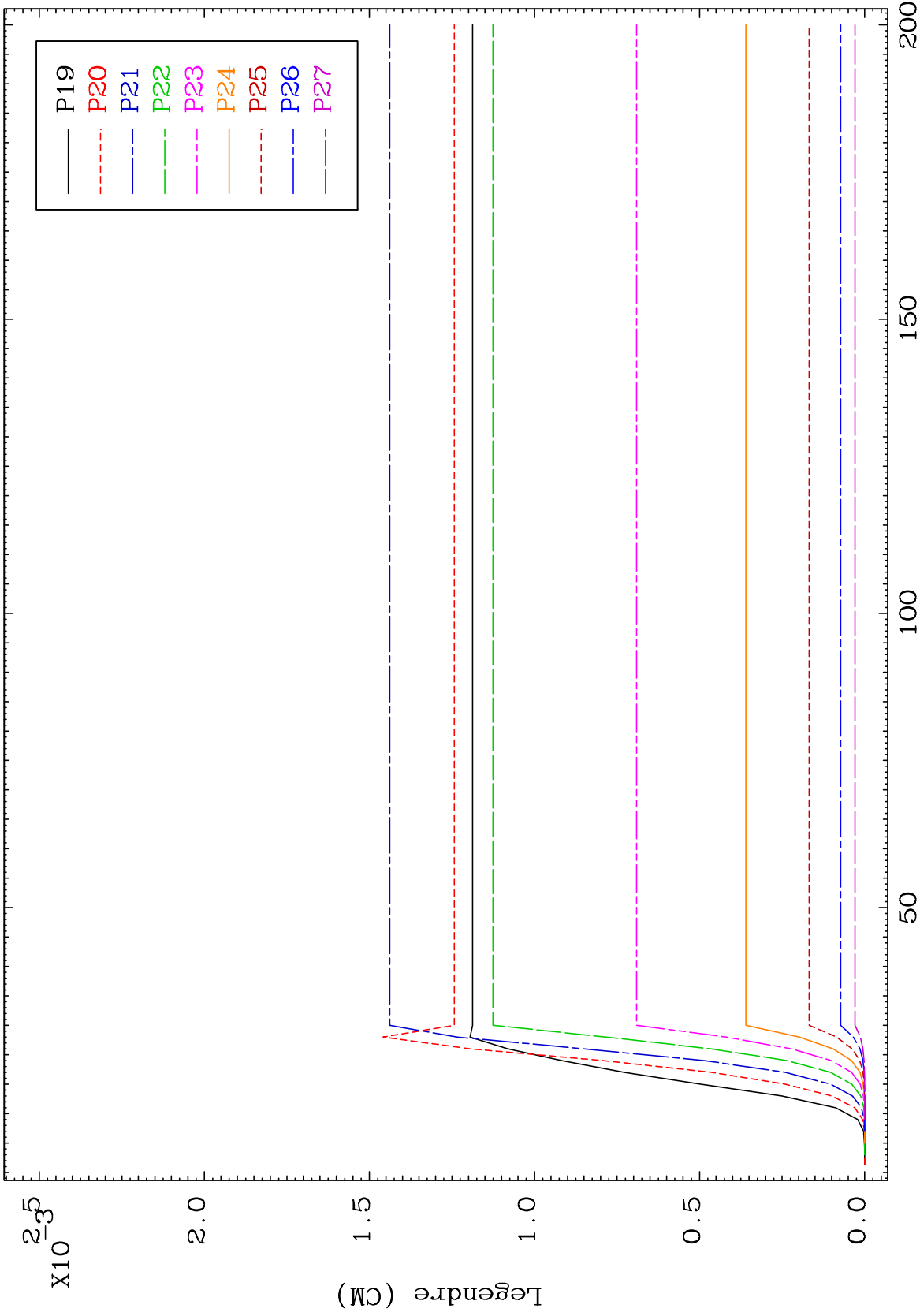
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

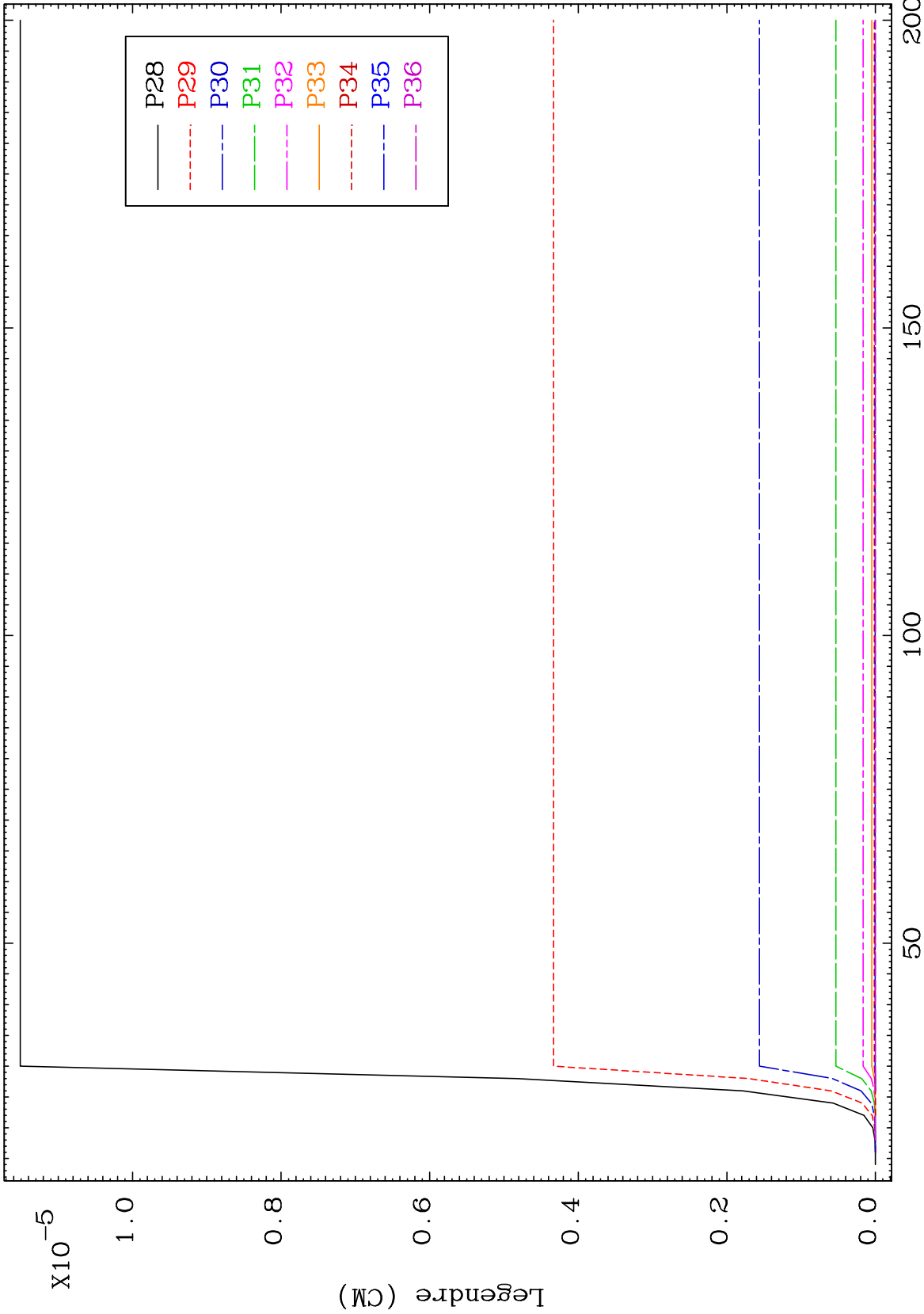
71-Lu-169



97

Incident Energy (MeV)

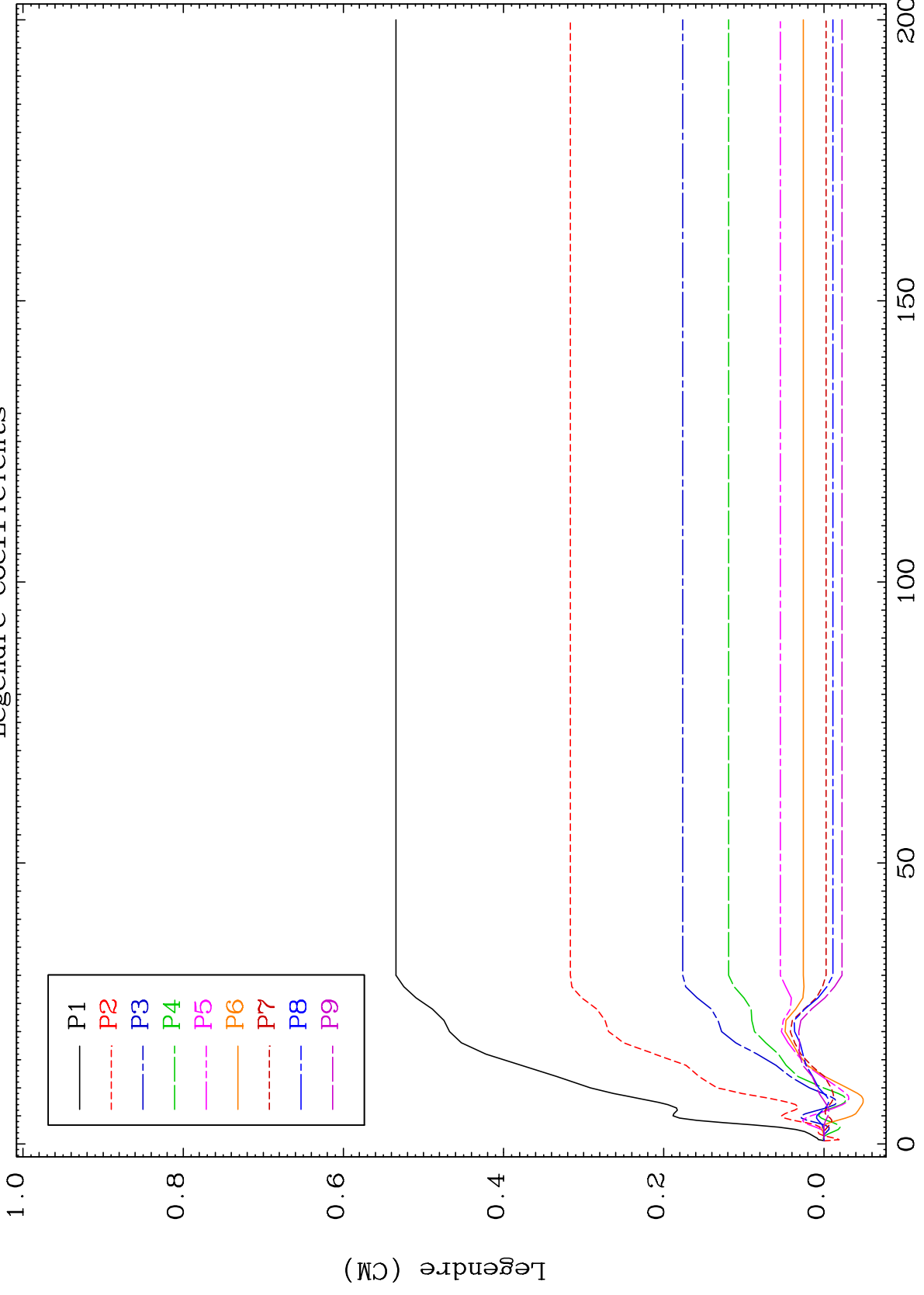
71-Lu-169



MAT 7107

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

71-Lu-169



71-Lu-169

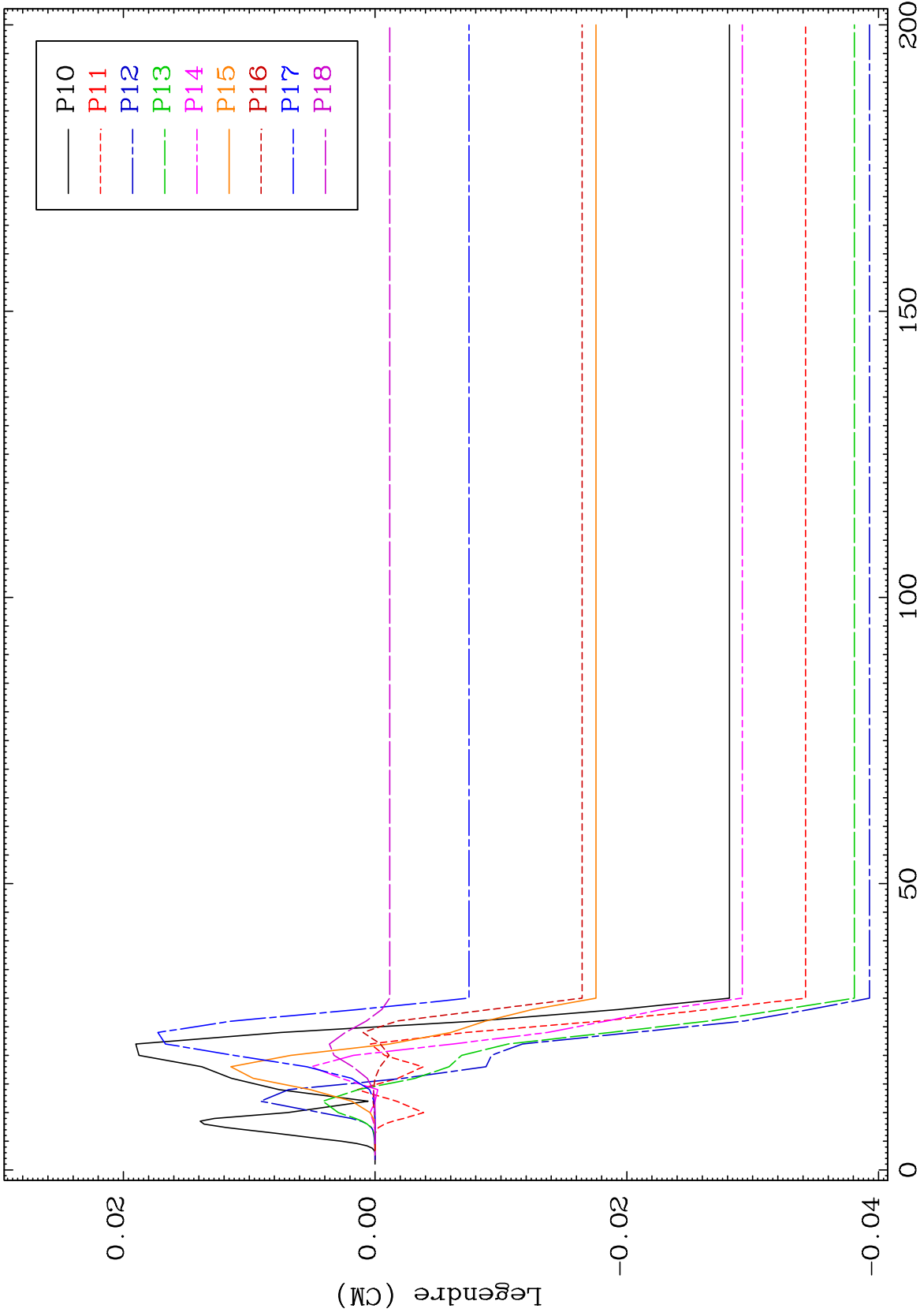
Incident Energy (MeV)

99

MAT 7107

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

71-Lu-169



100

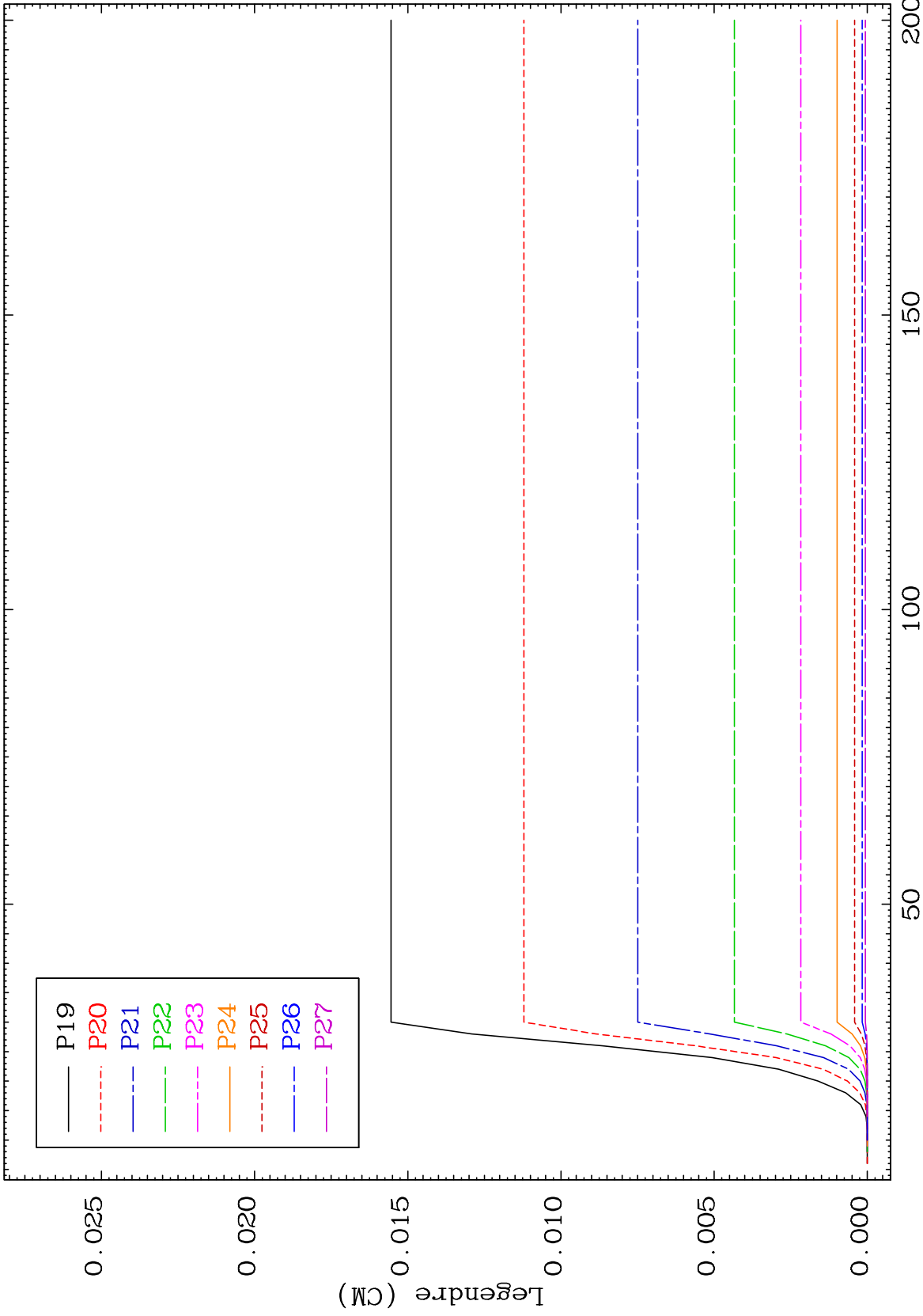
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



101

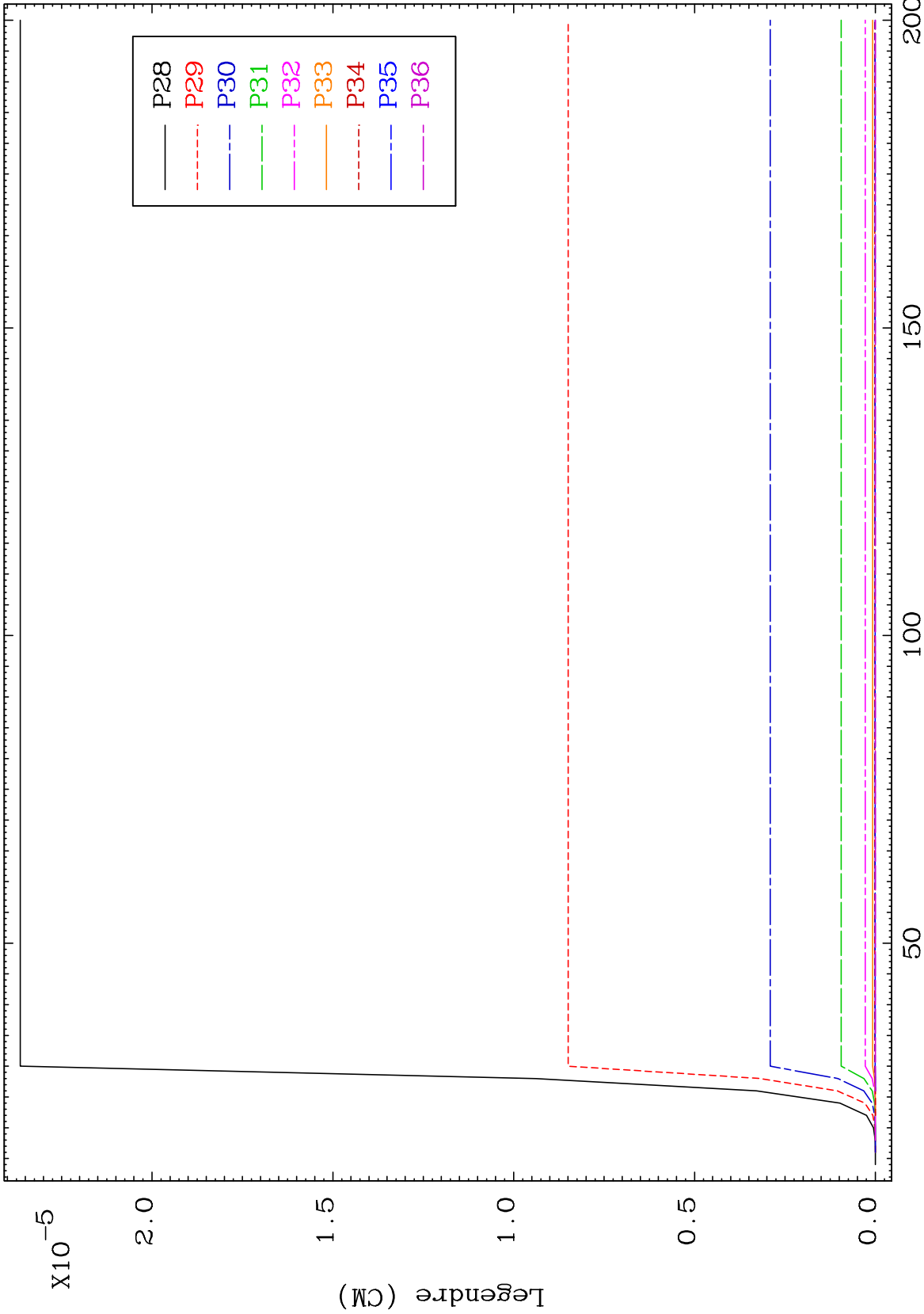
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



102

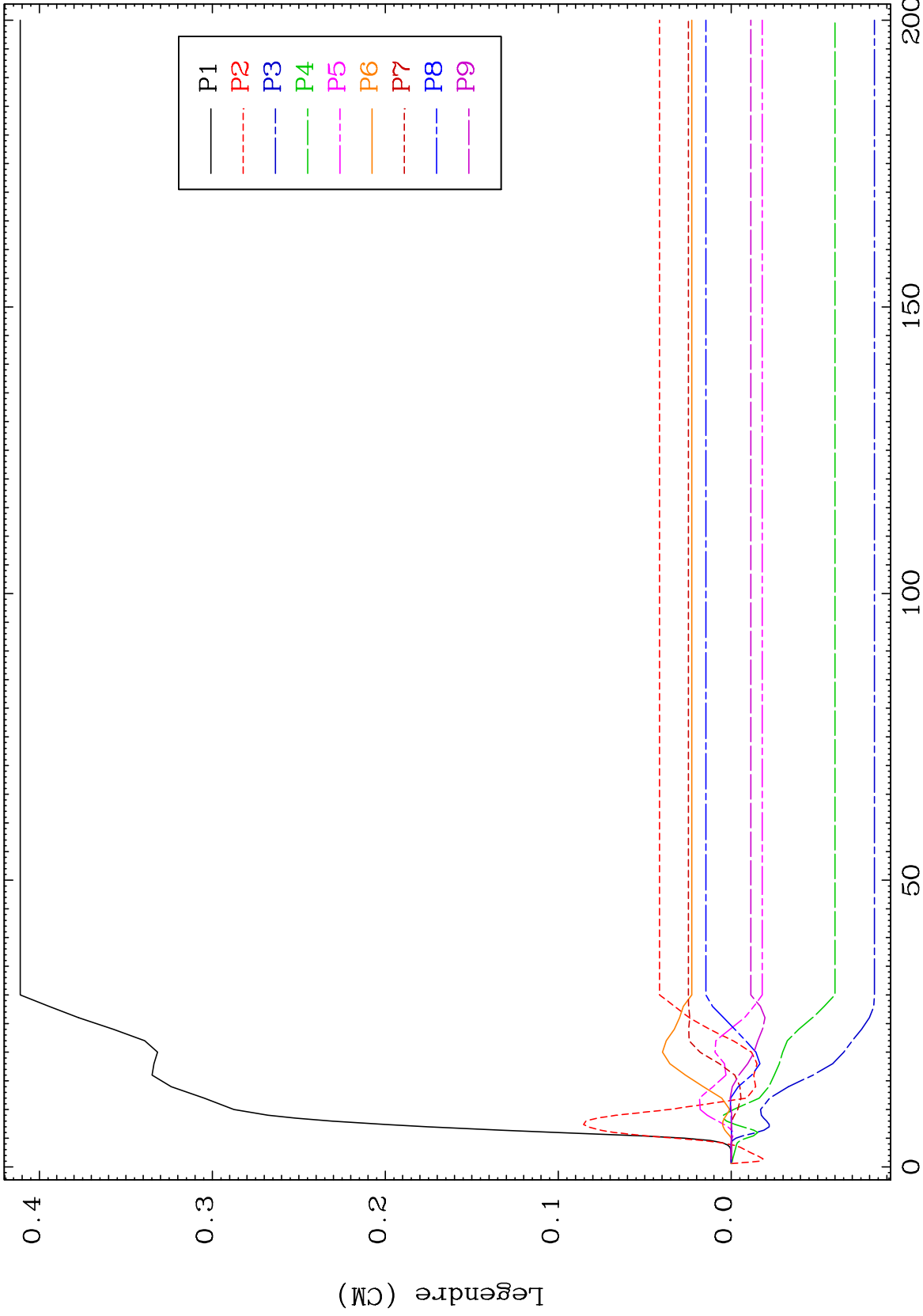
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



103

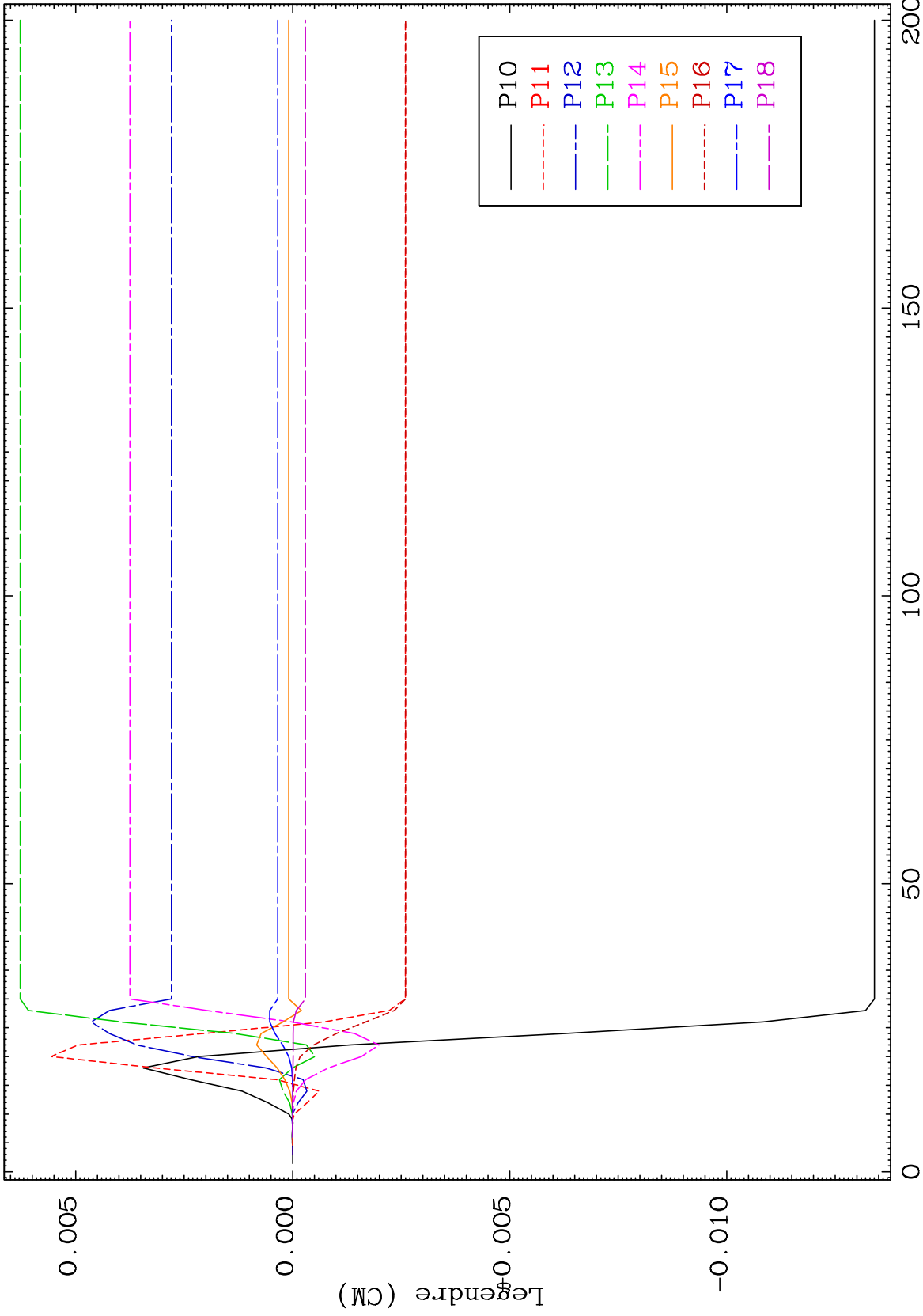
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



104

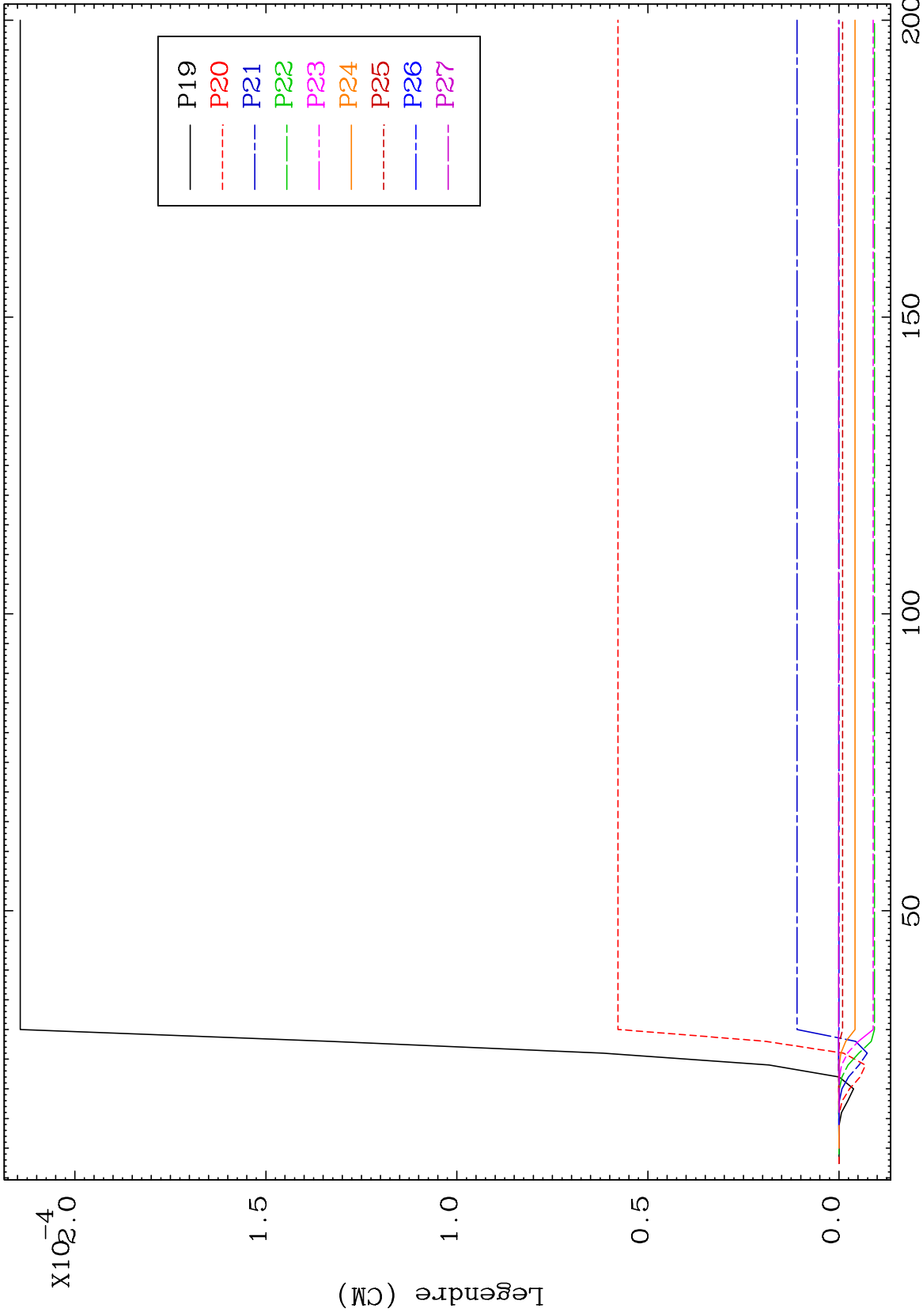
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

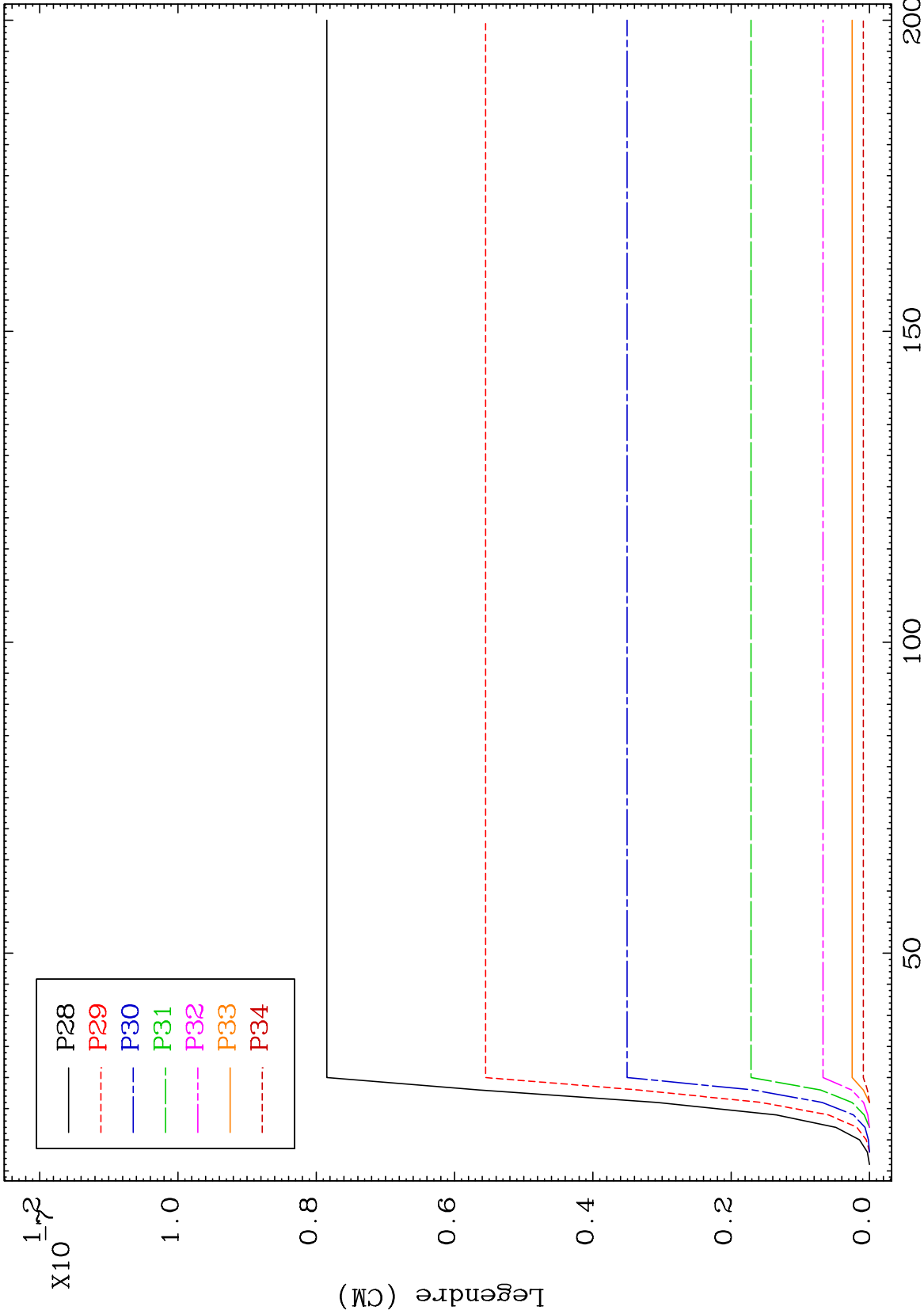
71-Lu-169



105

Incident Energy (MeV)

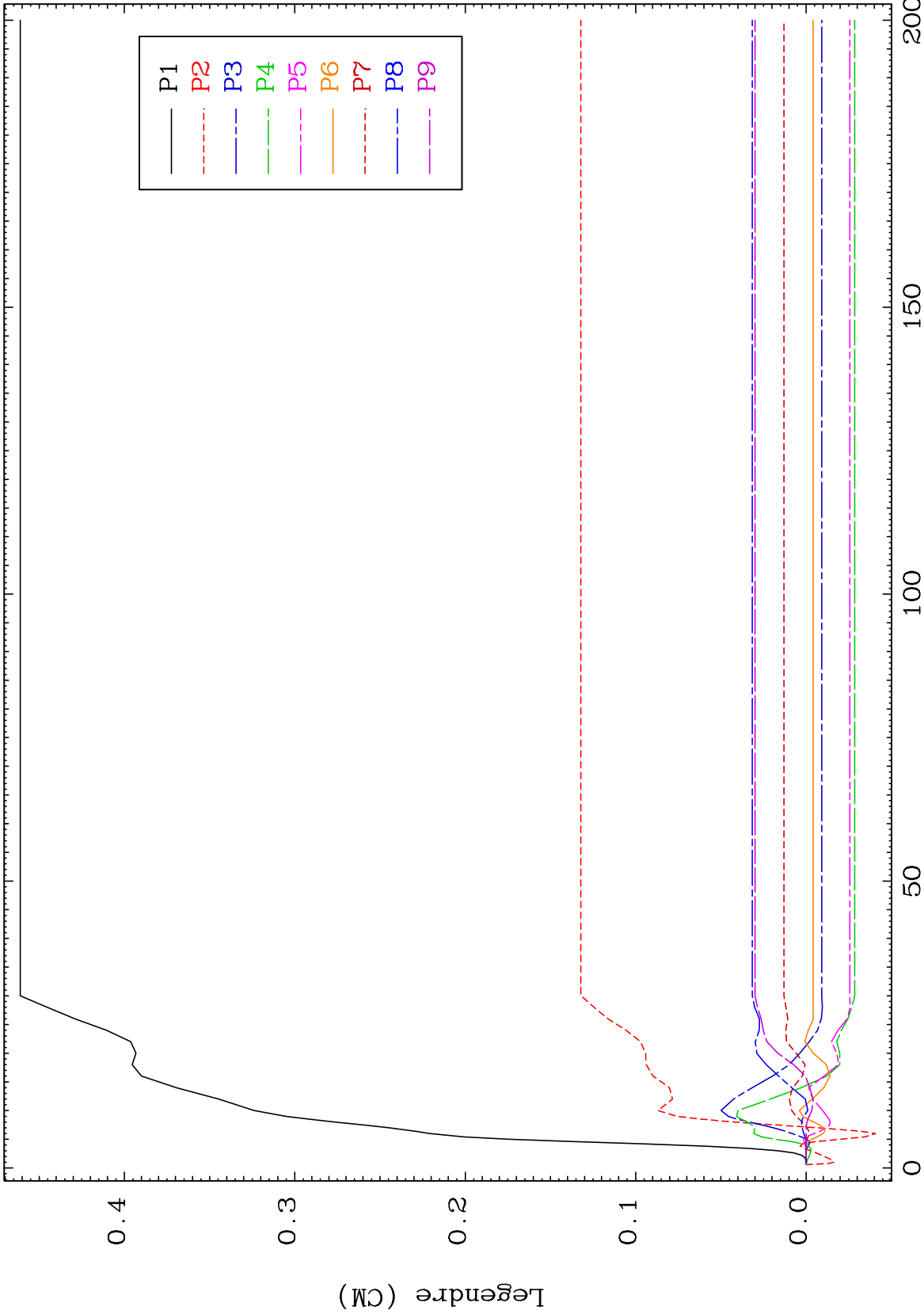
71-Lu-169



MAT 7107

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

71-Lu-169



71-Lu-169

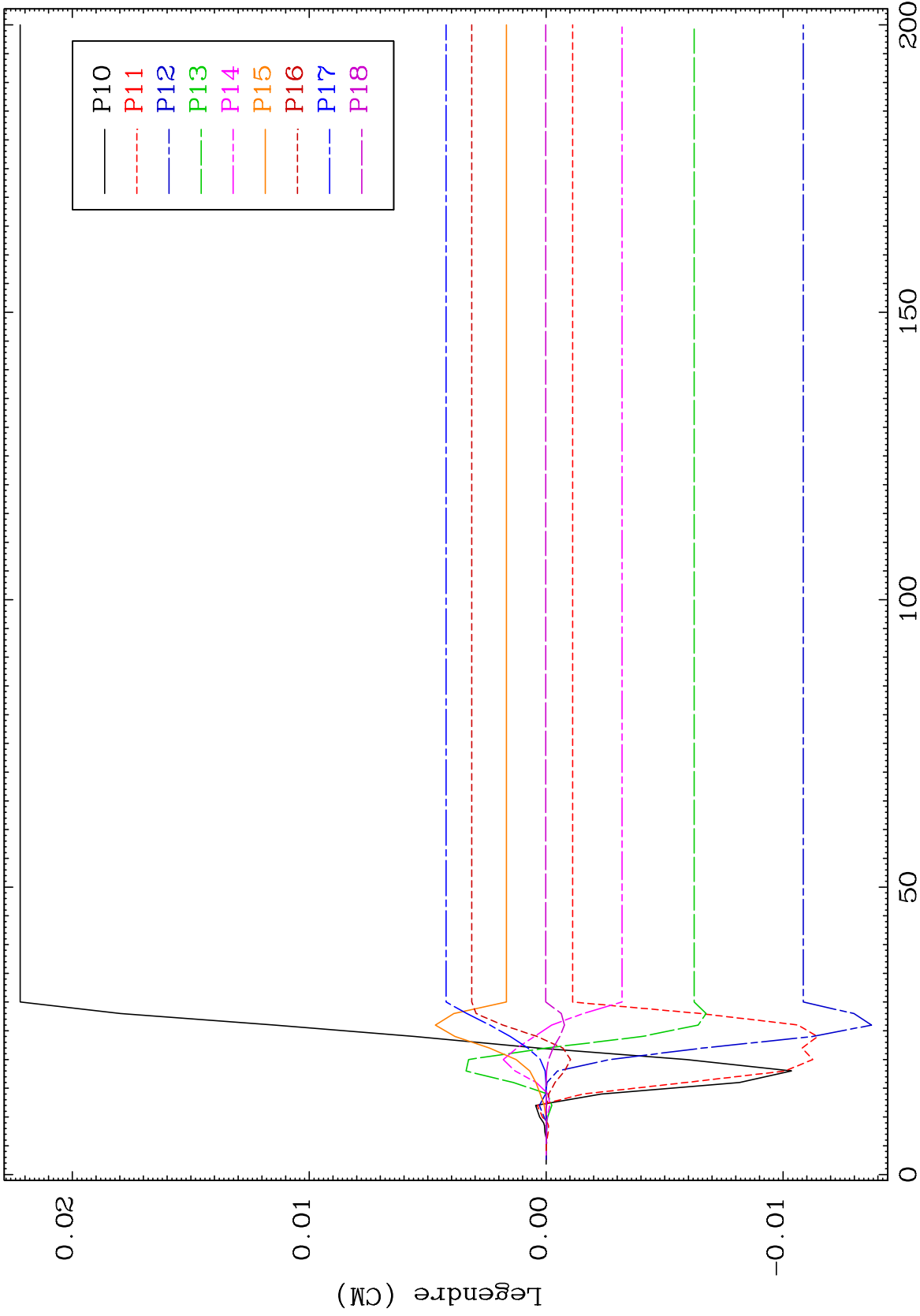
Incident Energy (MeV)

107

MAT 7107

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

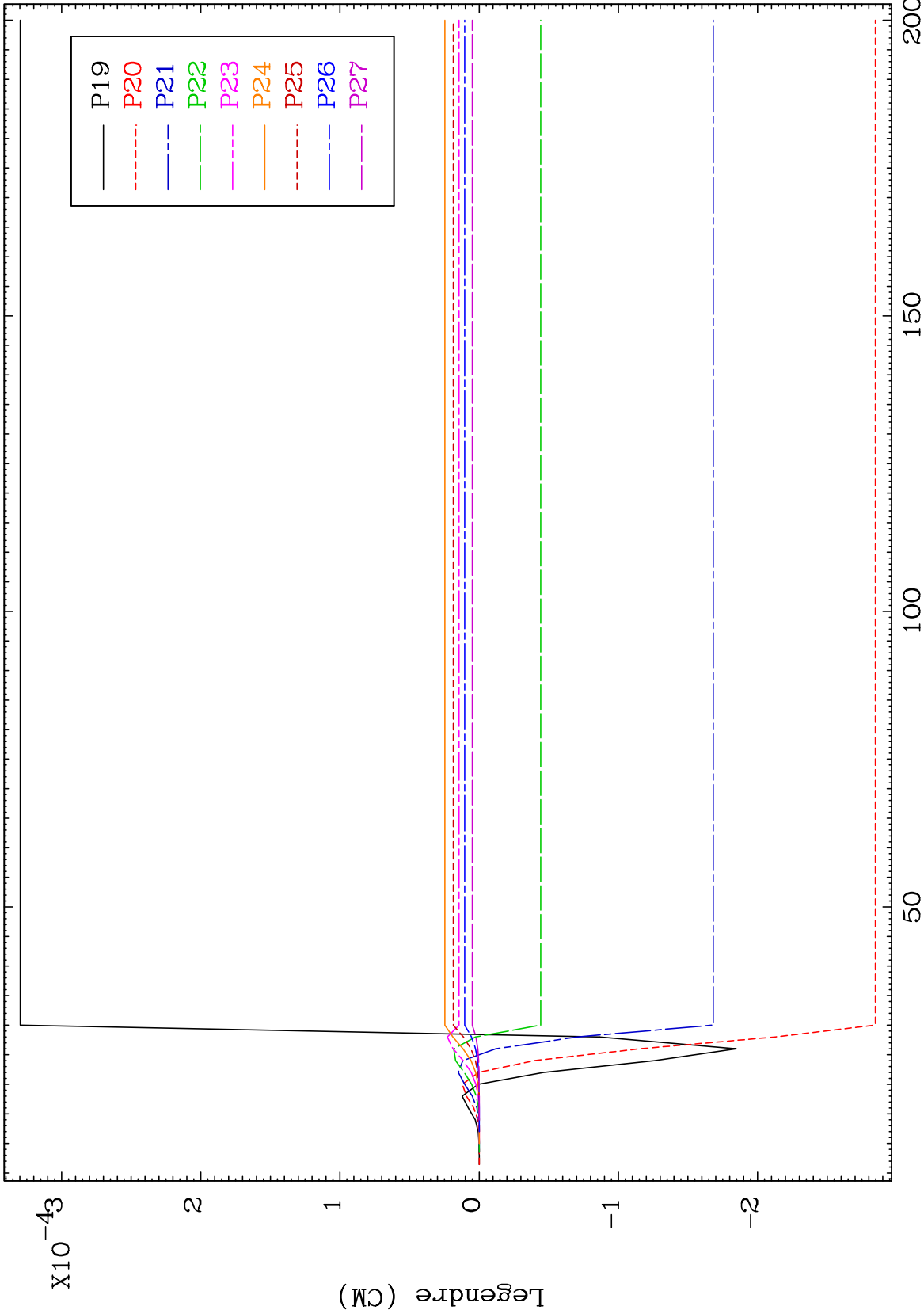
71-Lu-169



108

Incident Energy (MeV)

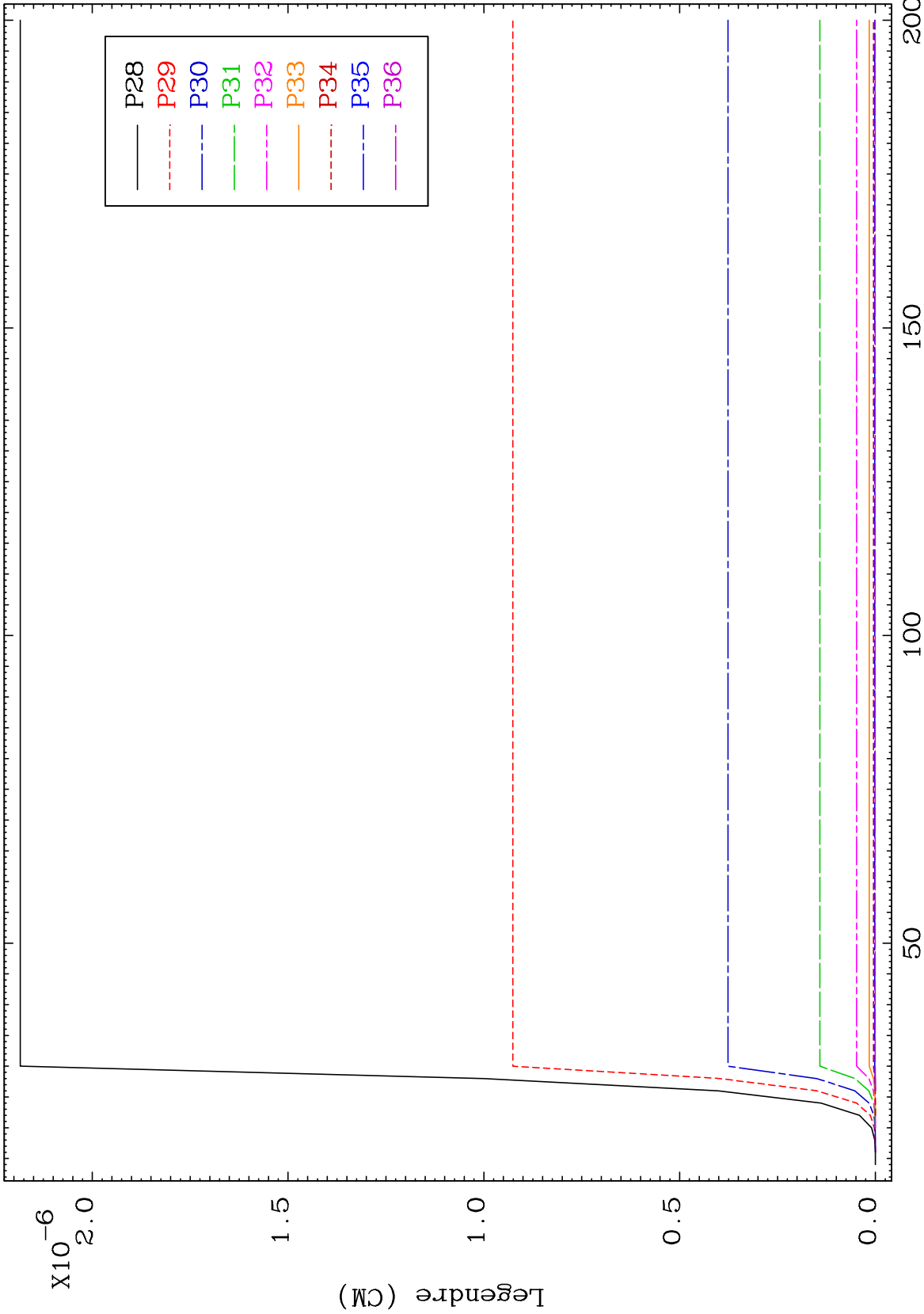
71-Lu-169



MAT 7107

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

71-Lu-169



110

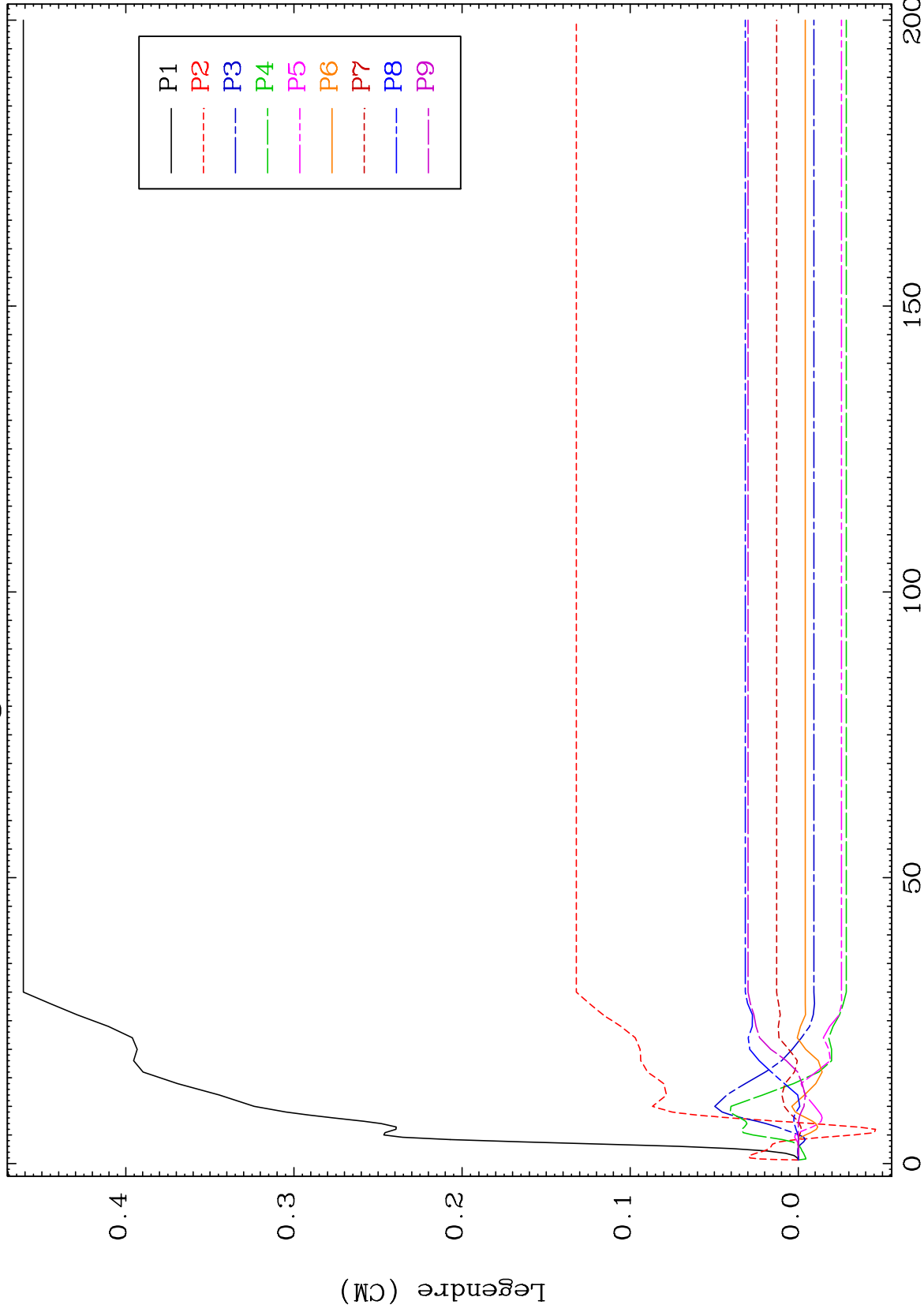
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



71-Lu-169

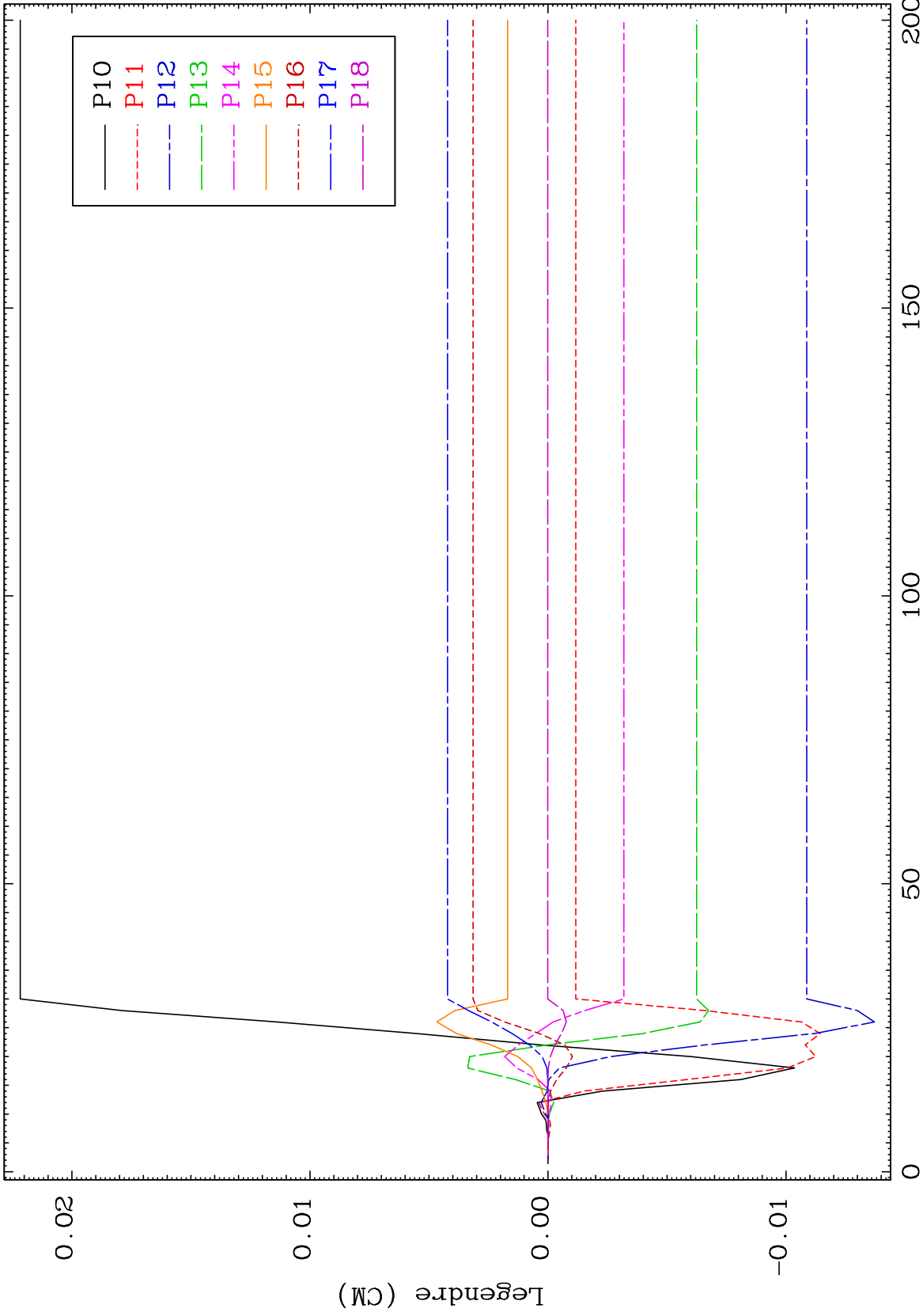
Incident Energy (MeV)

111

MAT 7107

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

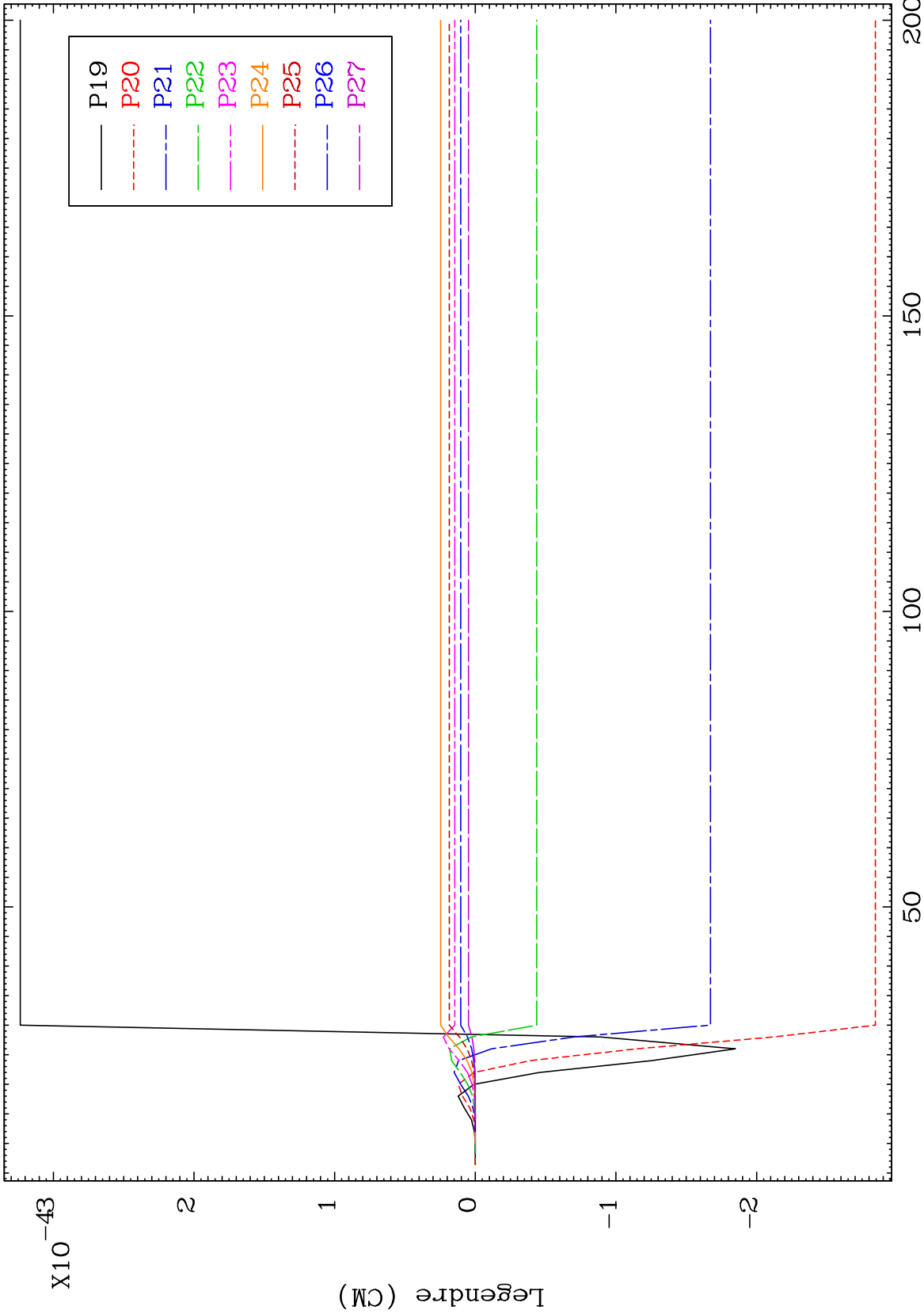
71-Lu-169



112

Incident Energy (MeV)

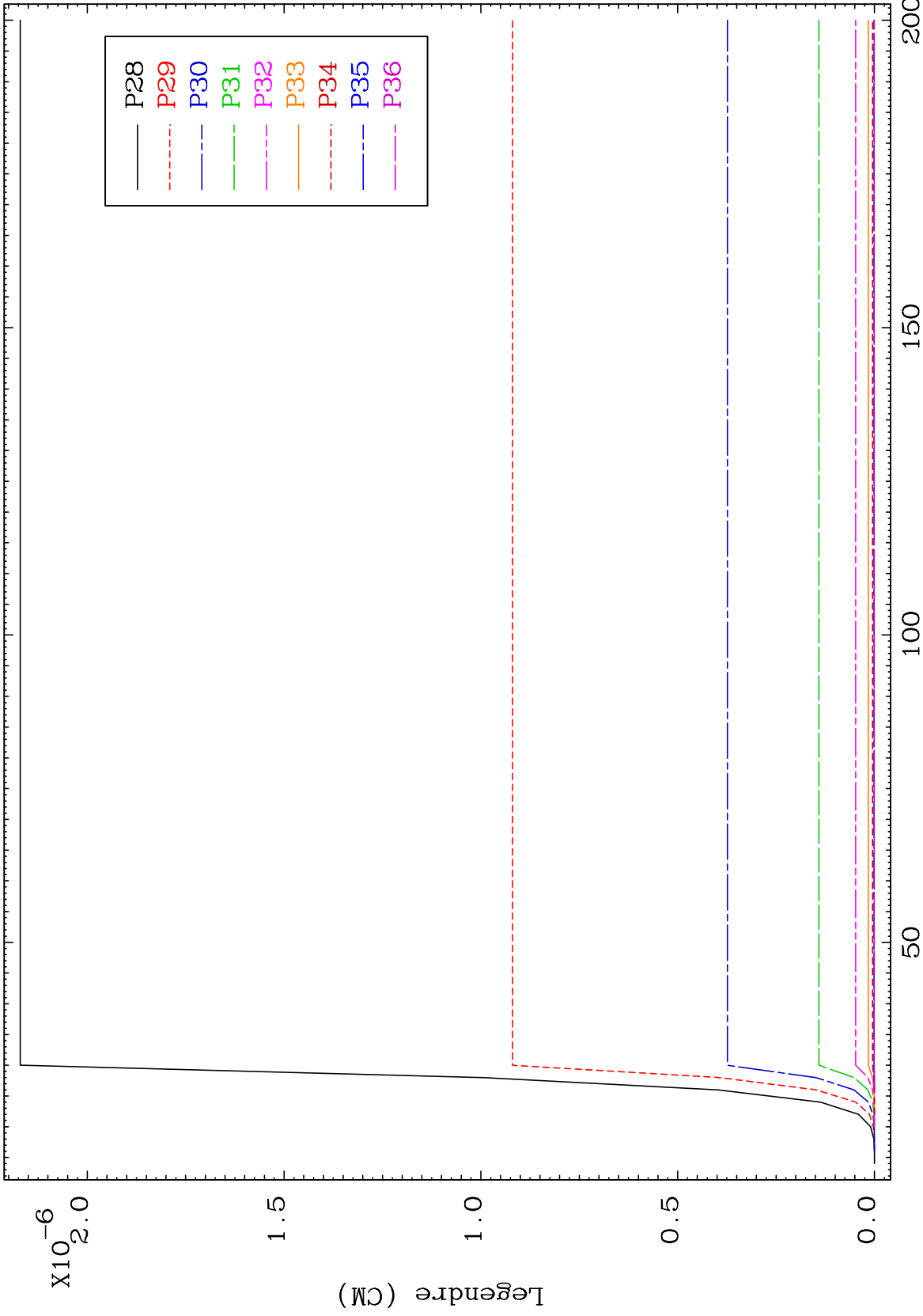
71-Lu-169



MAT 7107

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

71-Lu-169



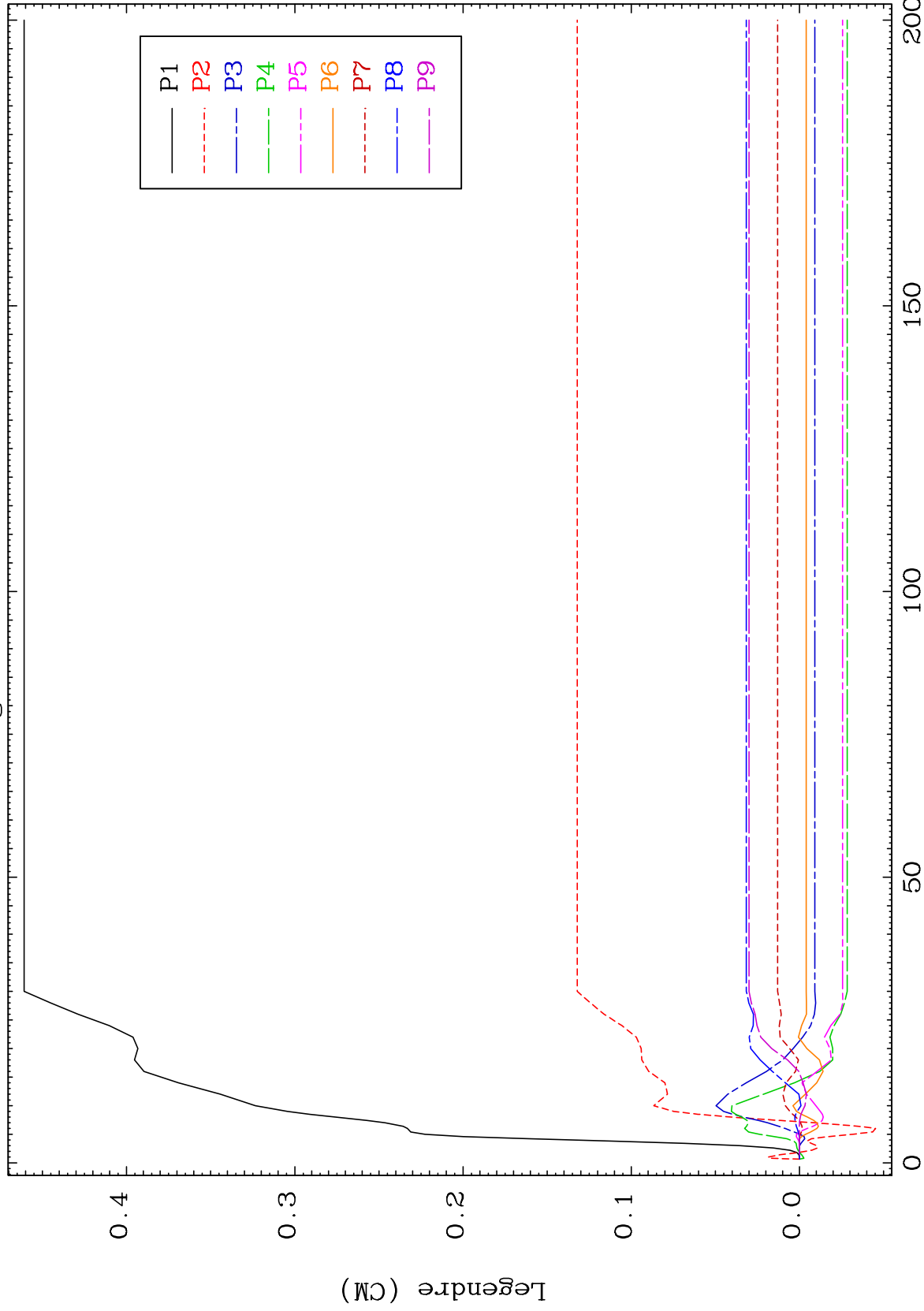
114

71-Lu-169

MAT 7107

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

71-Lu-169



115

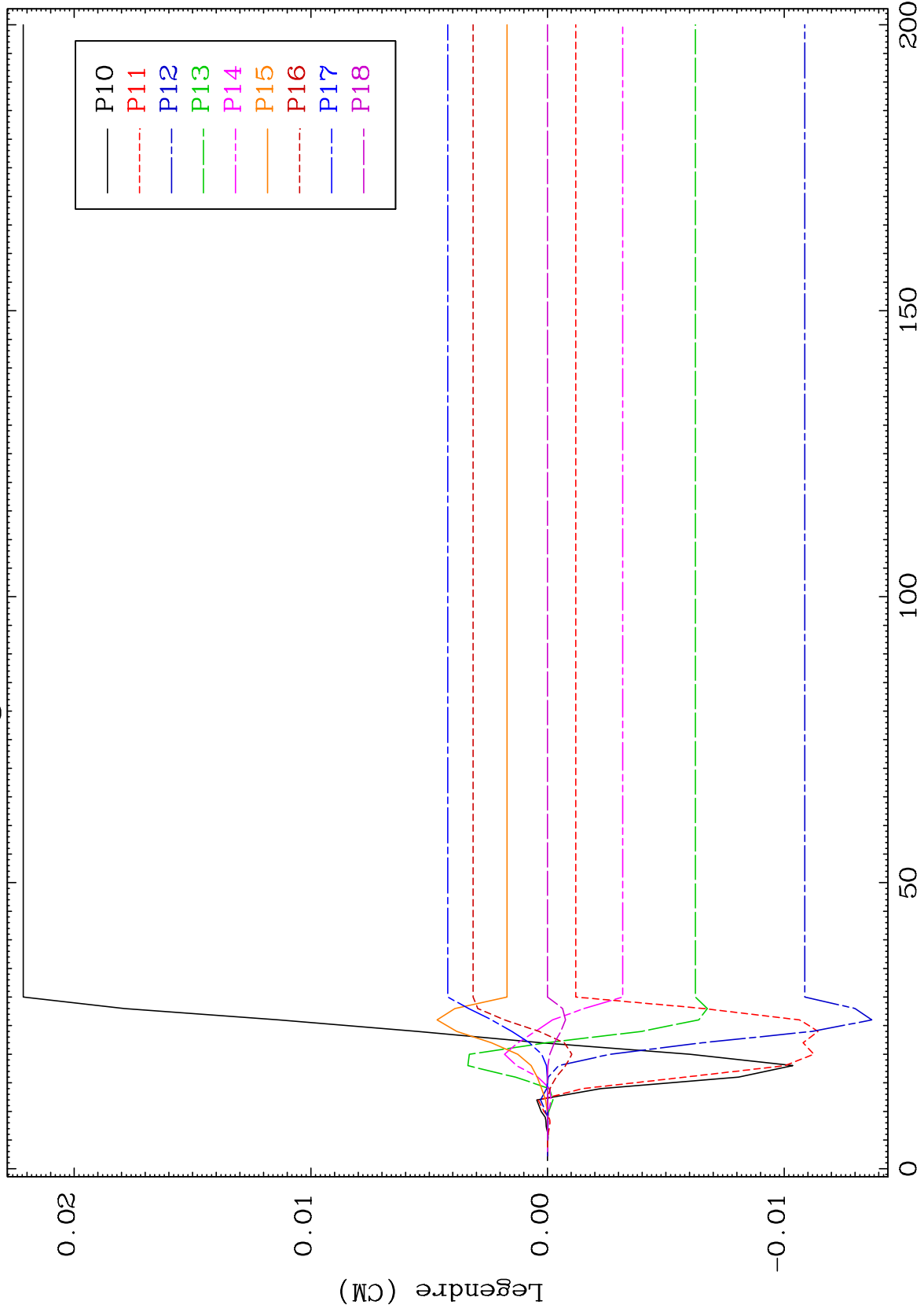
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



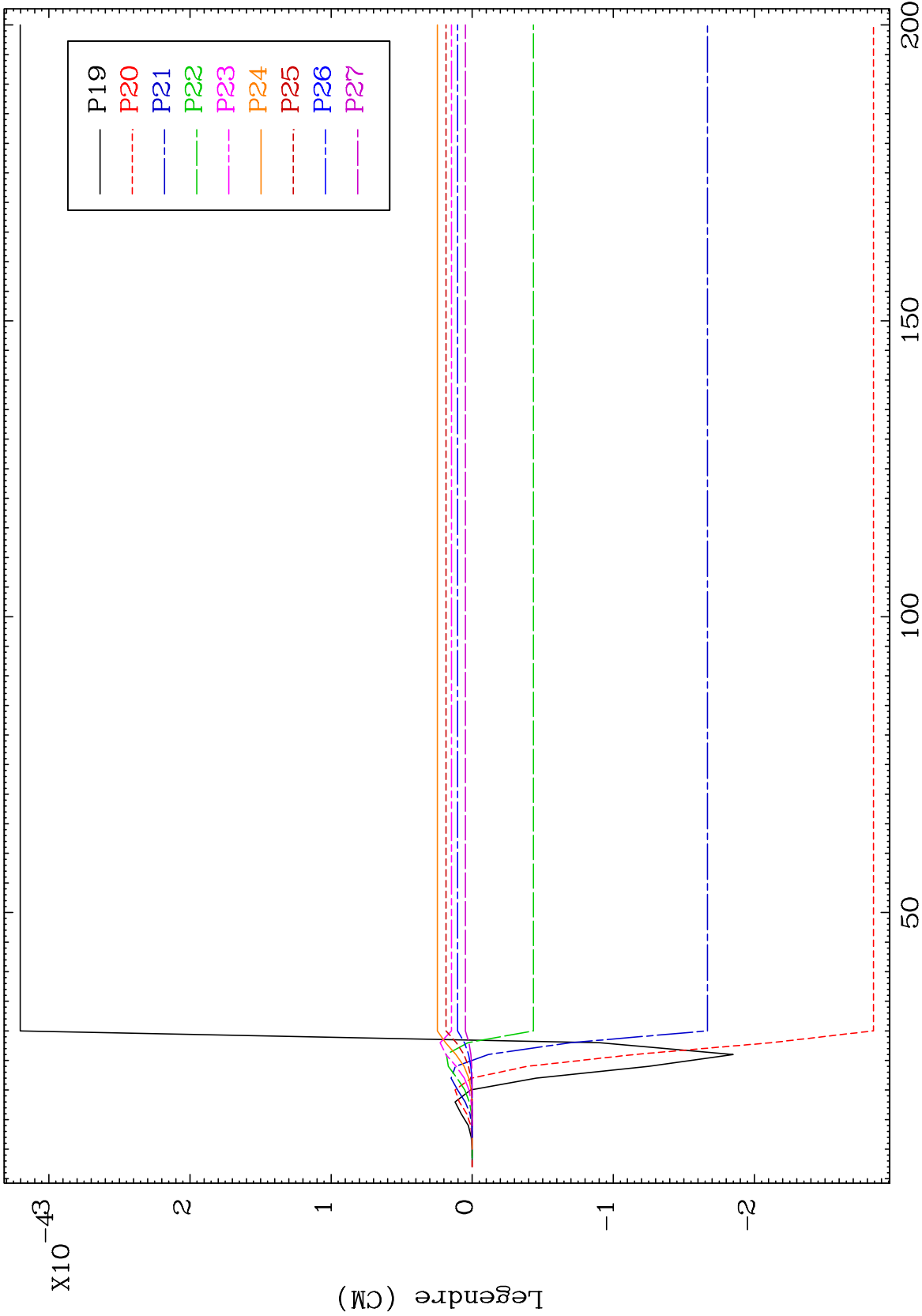
116

71-Lu-169

MAT 7107

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

71-Lu-169



117

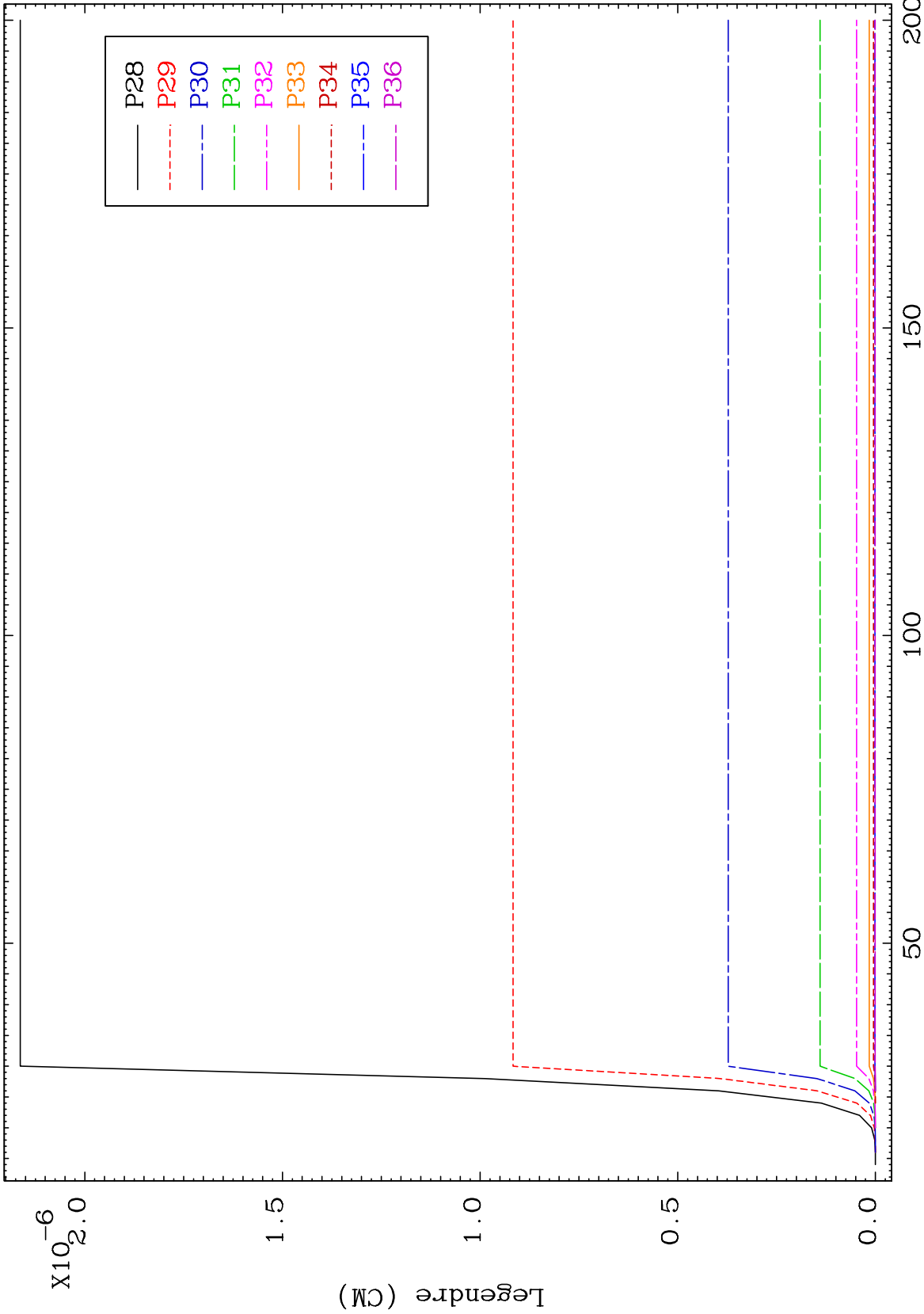
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



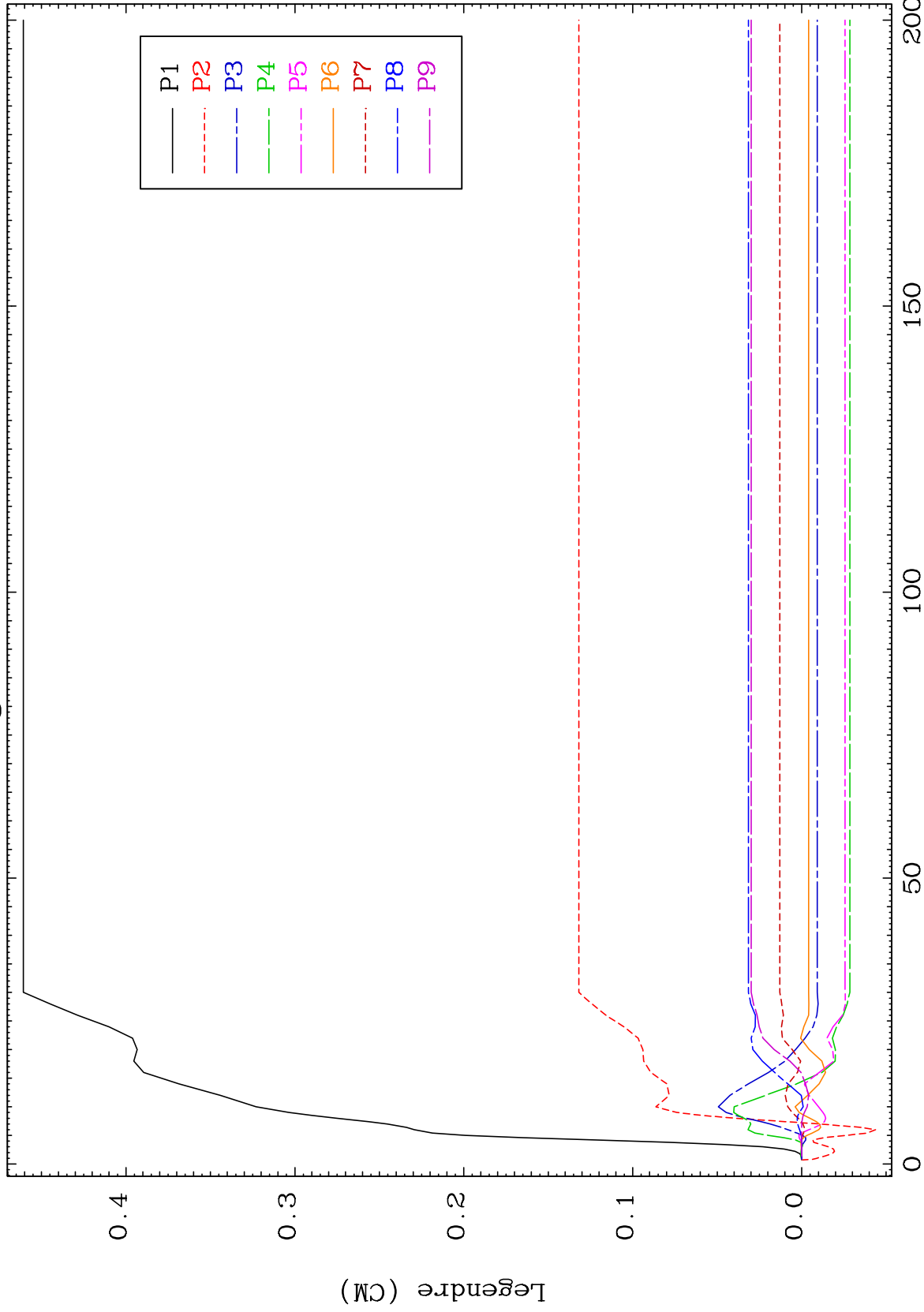
118

71-Lu-169

MAT 7107

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

71-Lu-169



119

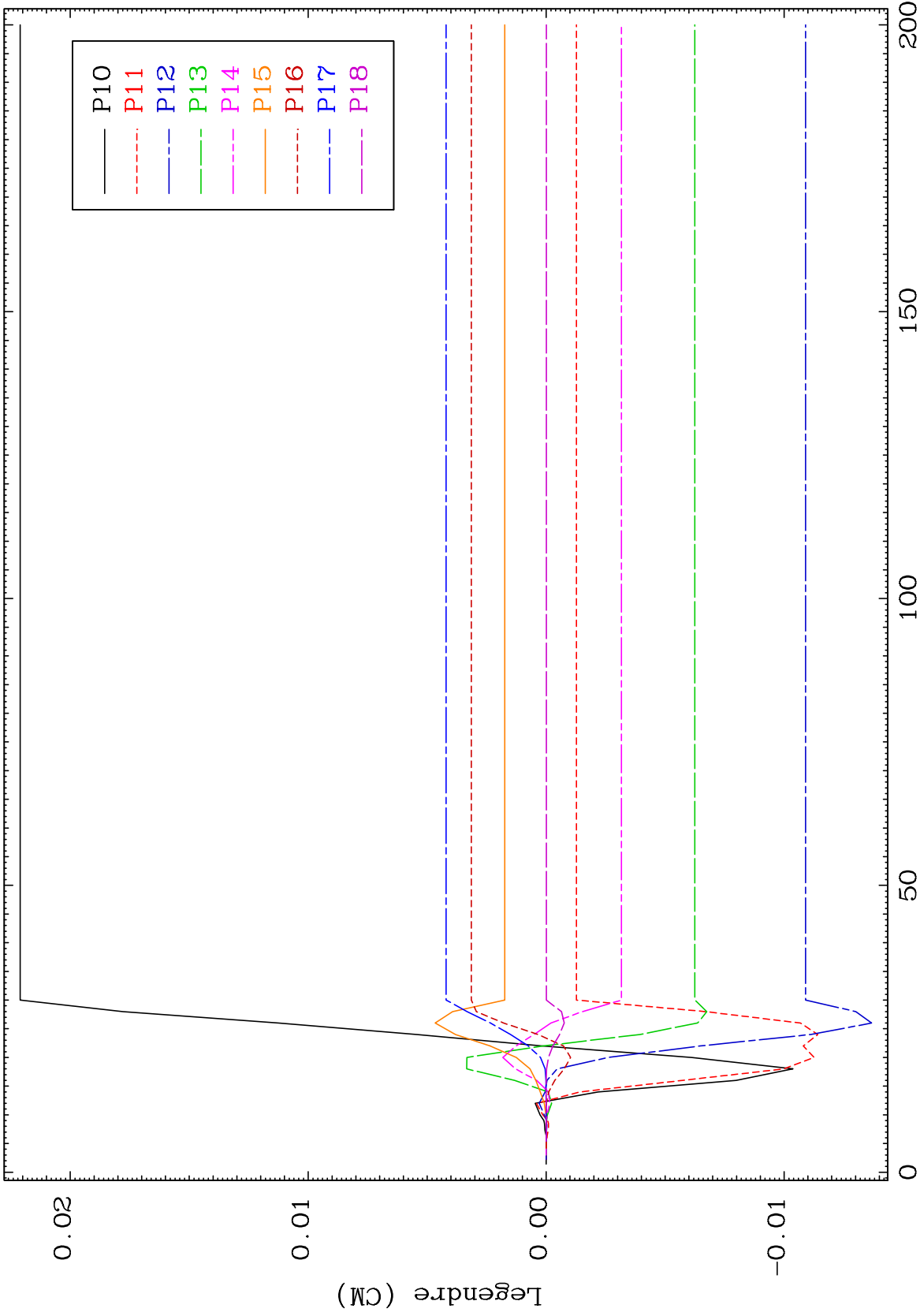
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



71-Lu-169

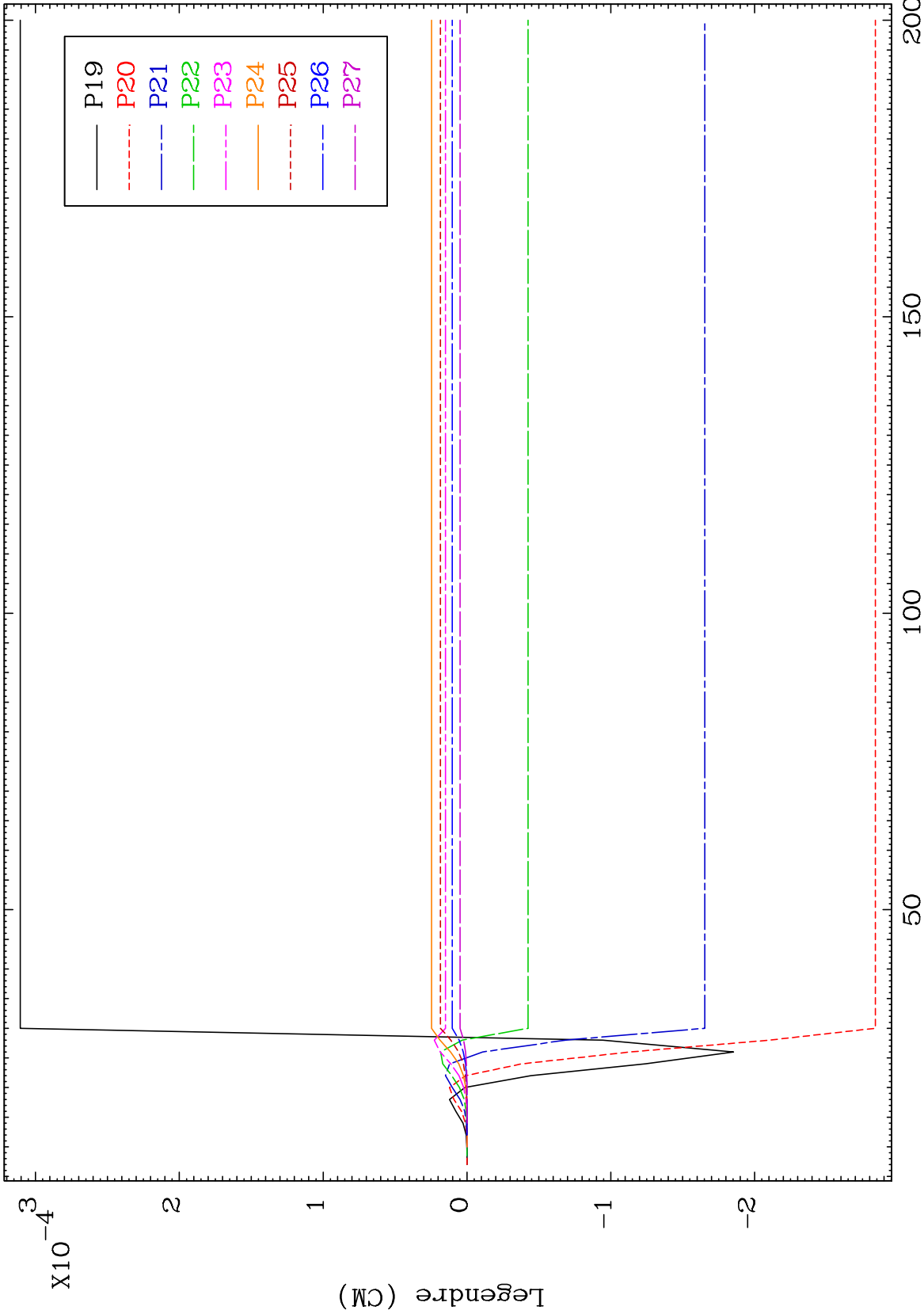
Incident Energy (MeV)

120

MAT 7107

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

71-Lu-169



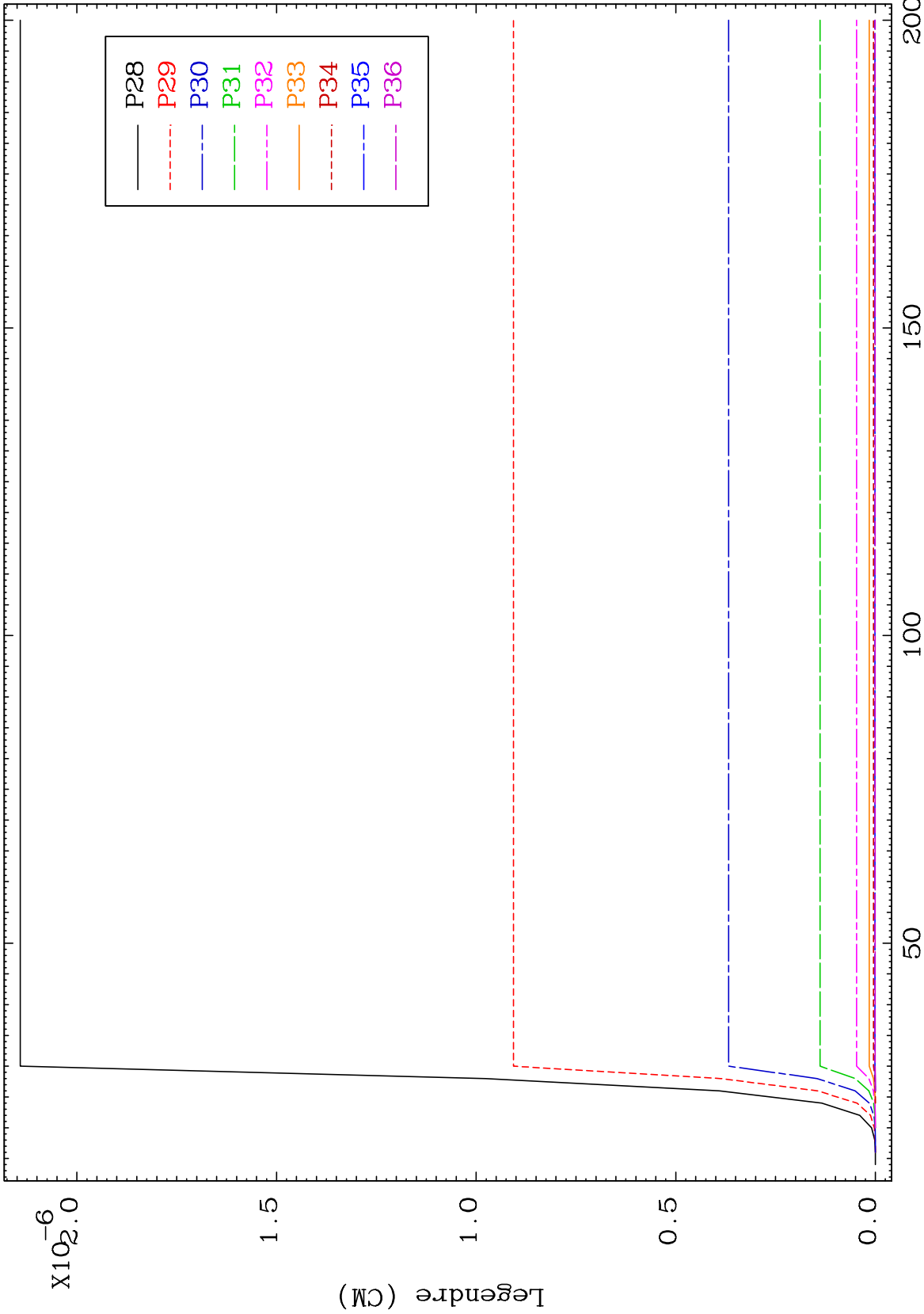
121

71-Lu-169

MAT 7107

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

71-Lu-169

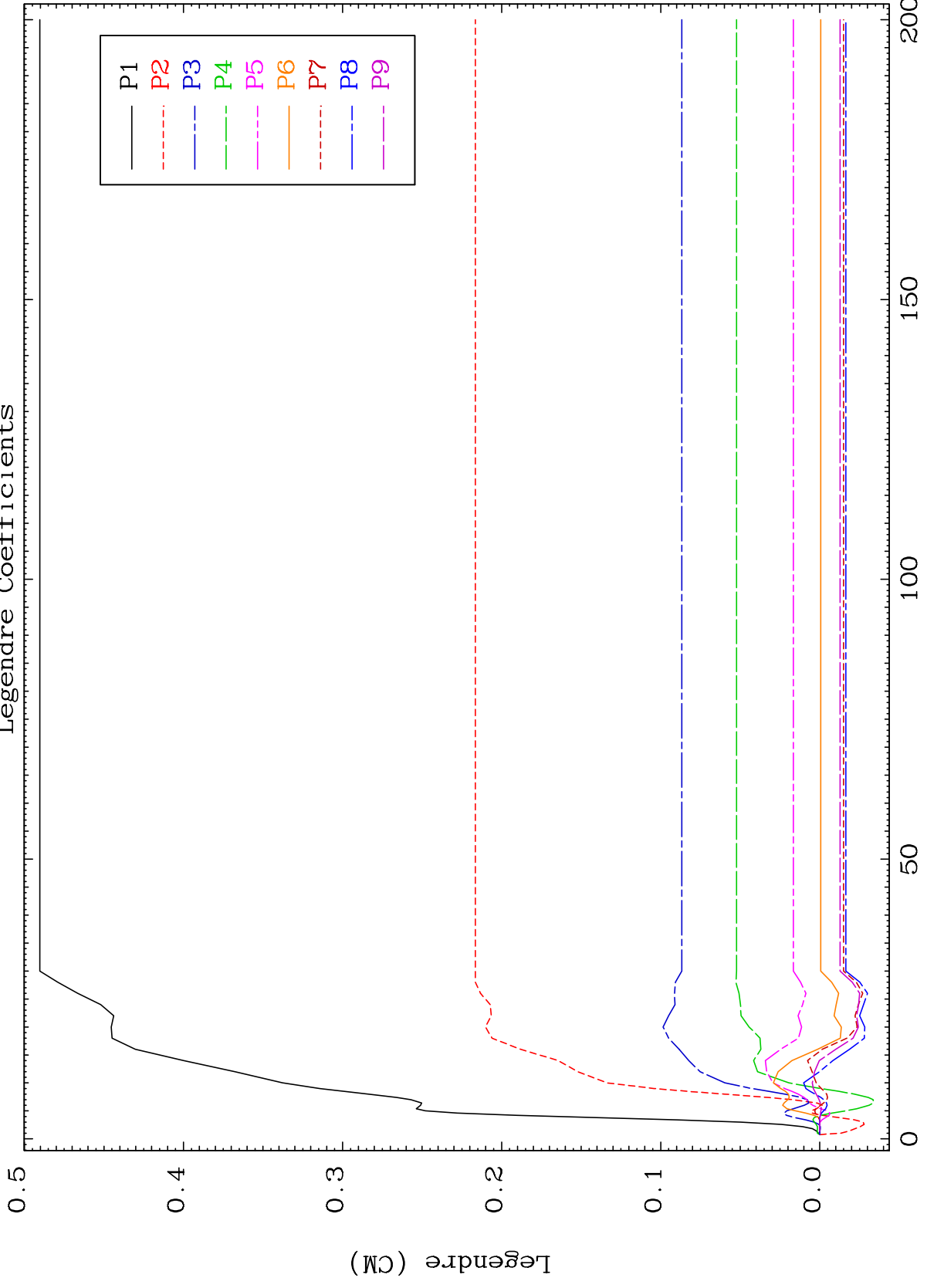


122

Incident Energy (MeV)

71-Lu-169

MAT 7107 MT= 77 (n,n') Level Legendre Coefficients 71-Lu-169

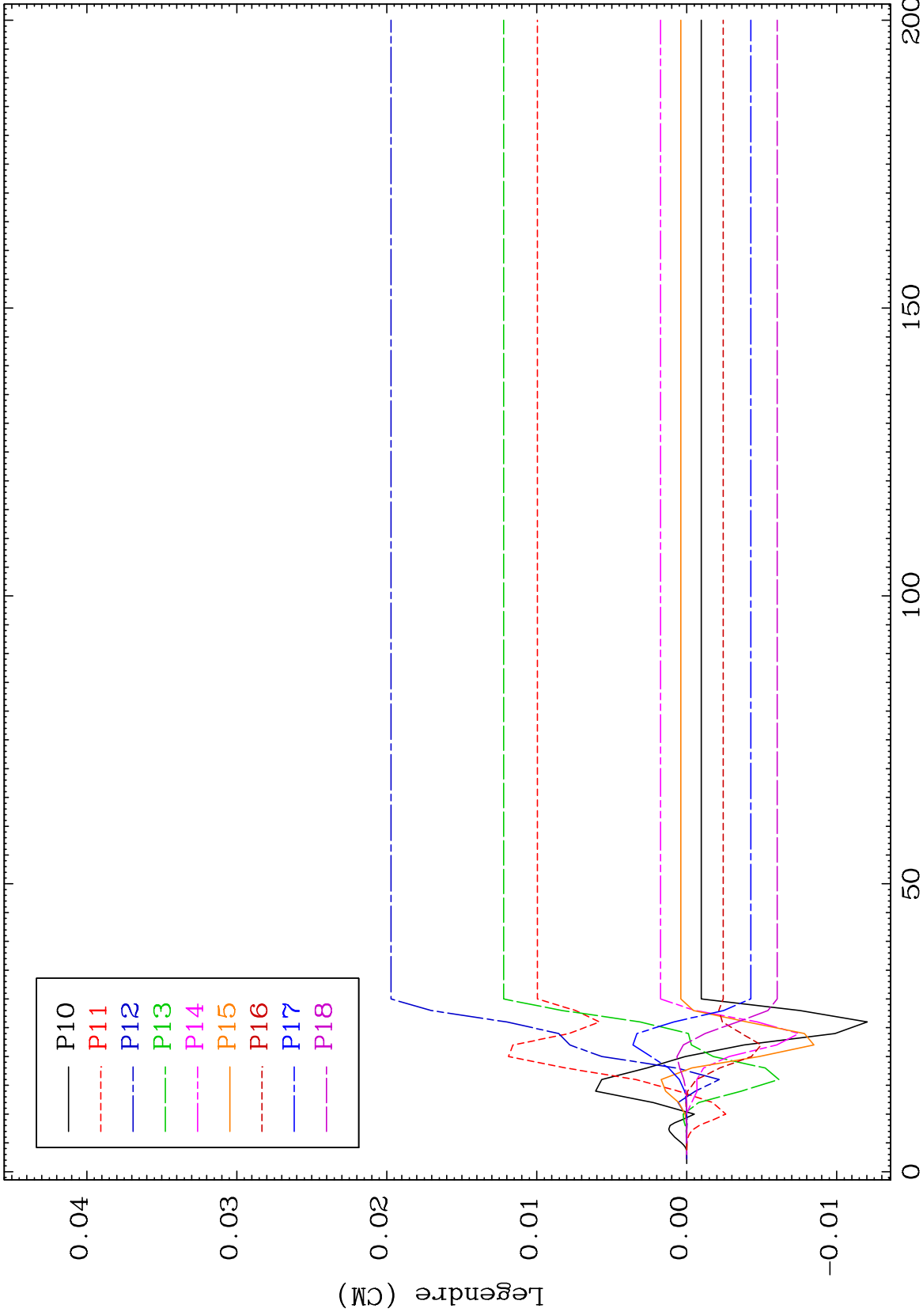


123 71-Lu-169

MAT 7107

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

71-Lu-169



124

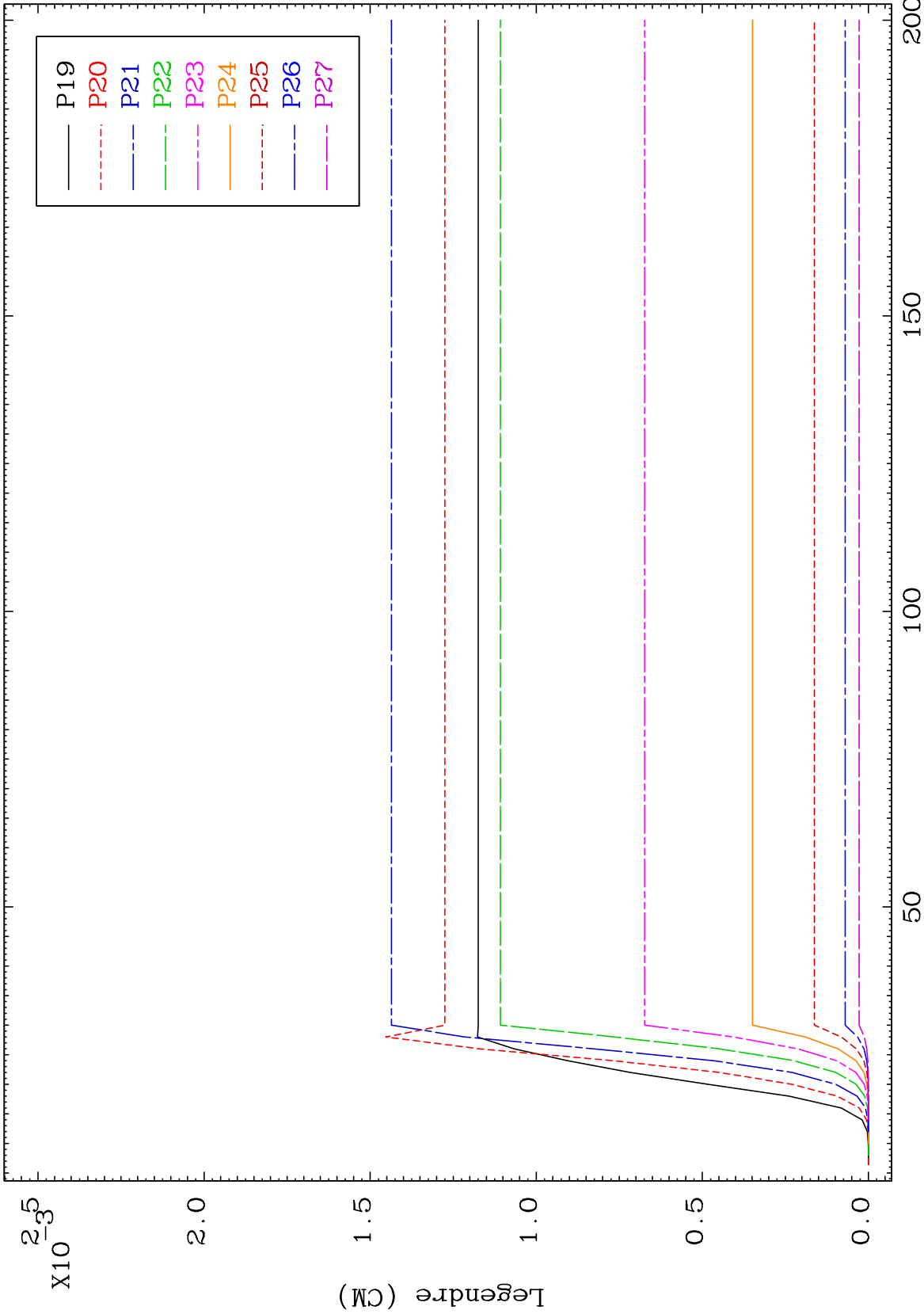
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



125

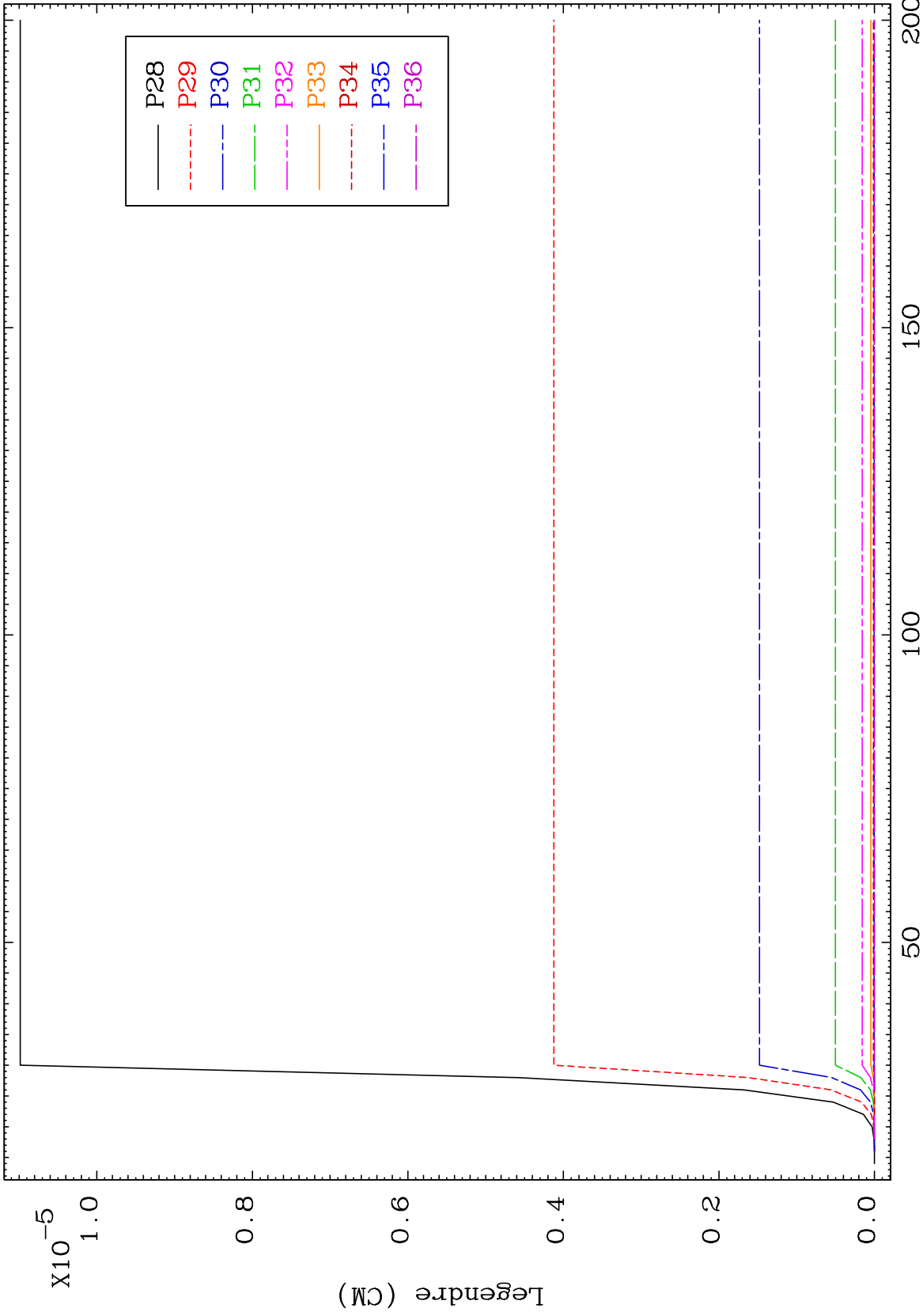
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



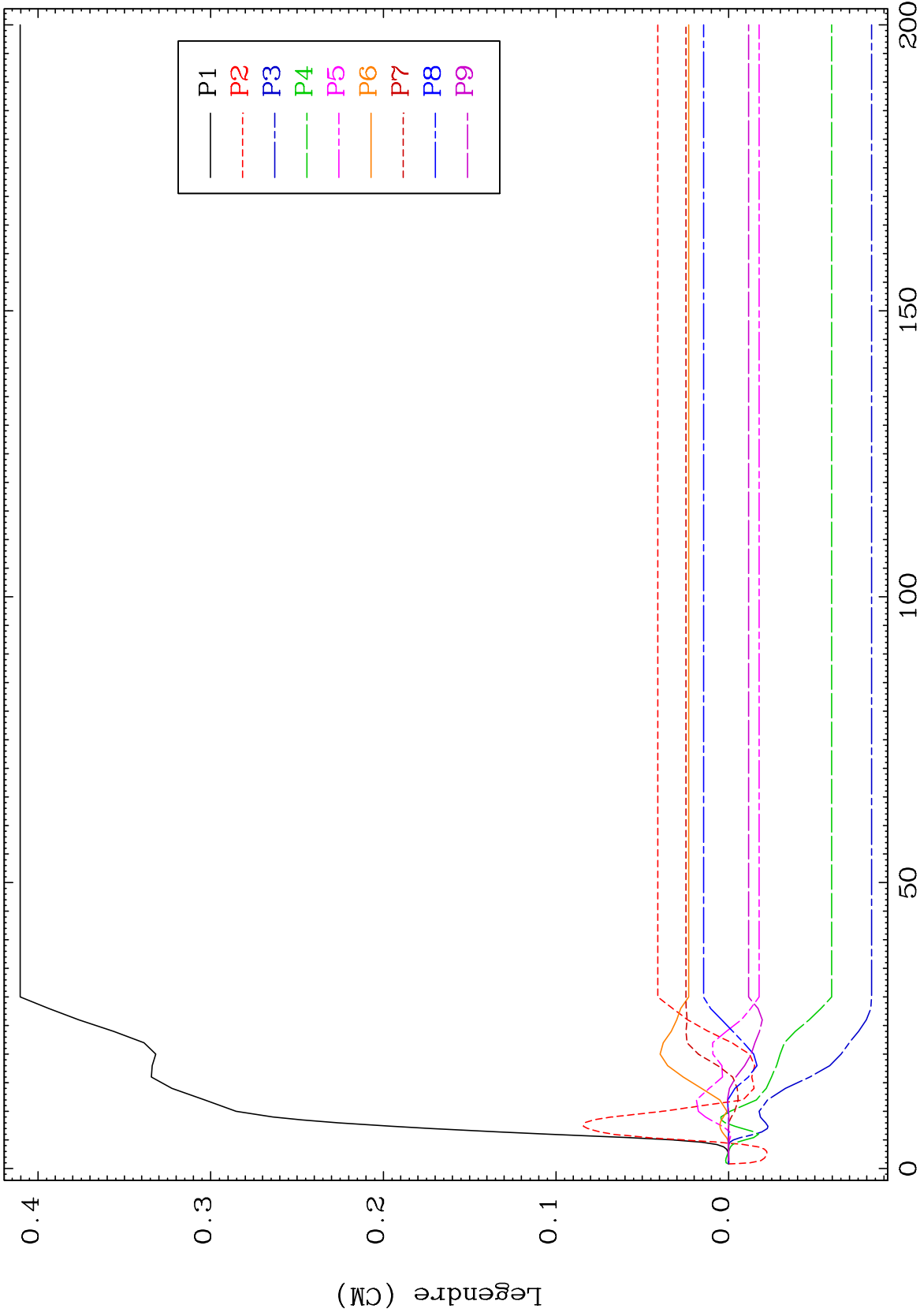
126

71-Lu-169

MAT 7107

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

71-Lu-169



127

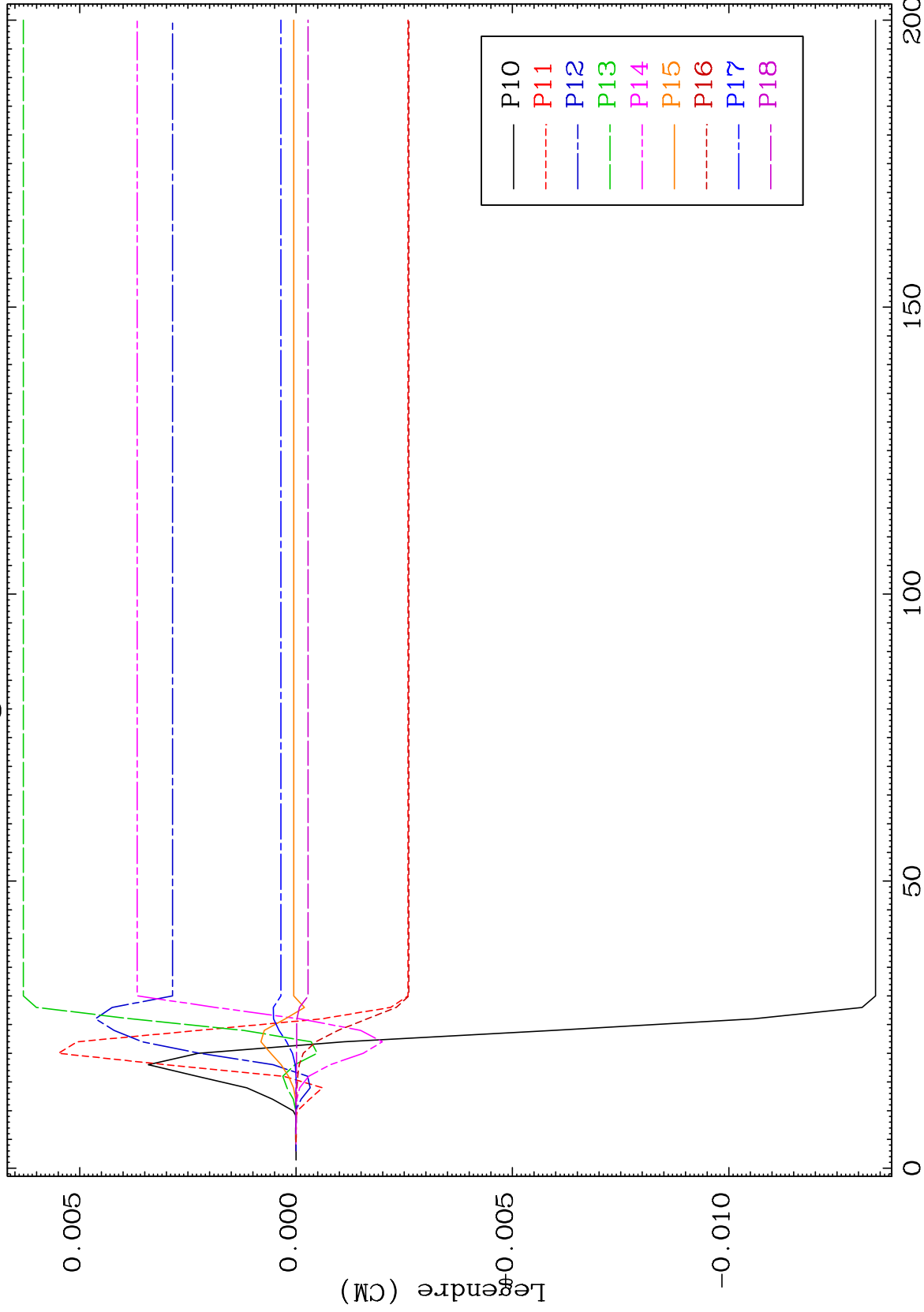
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



128

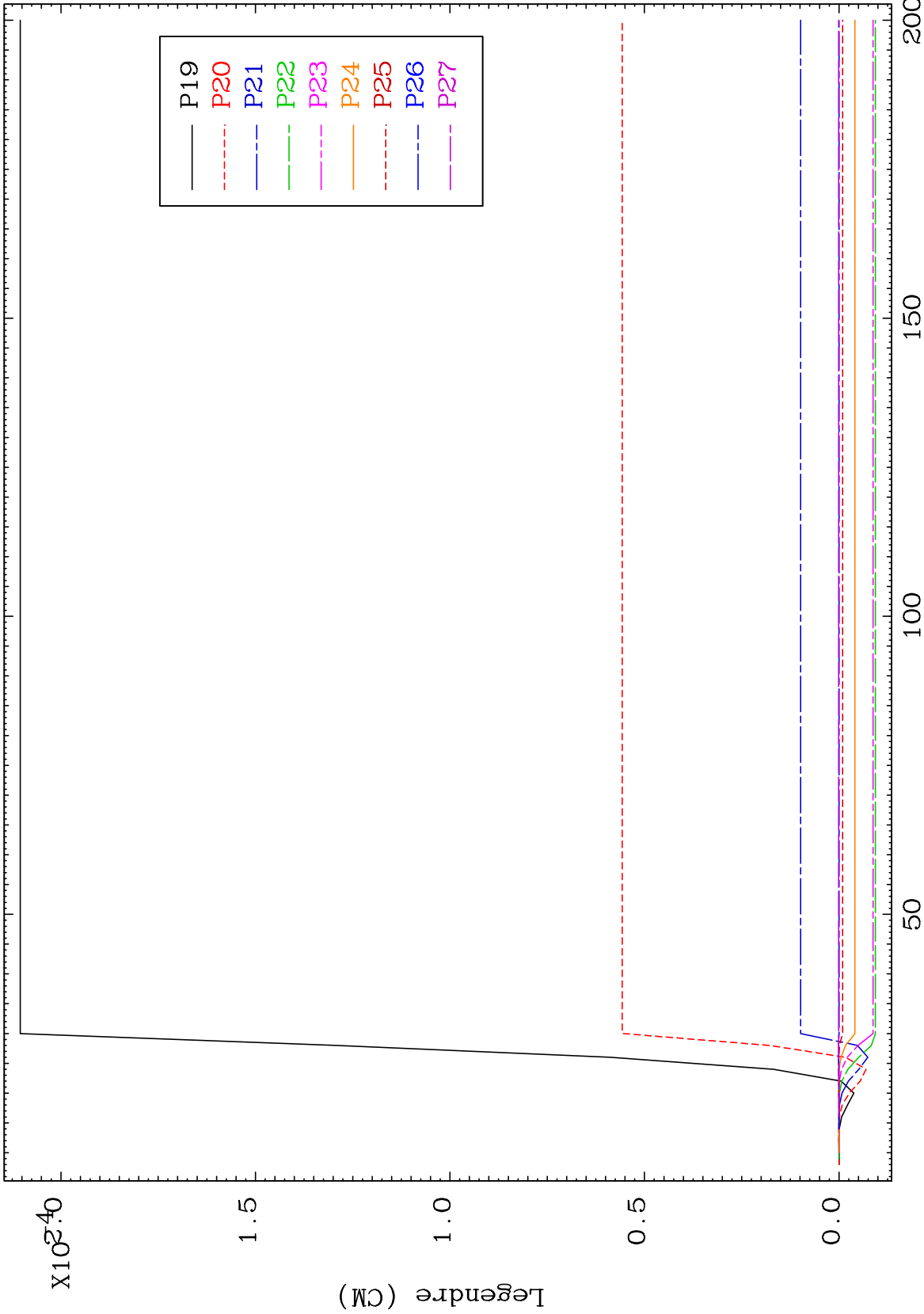
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169

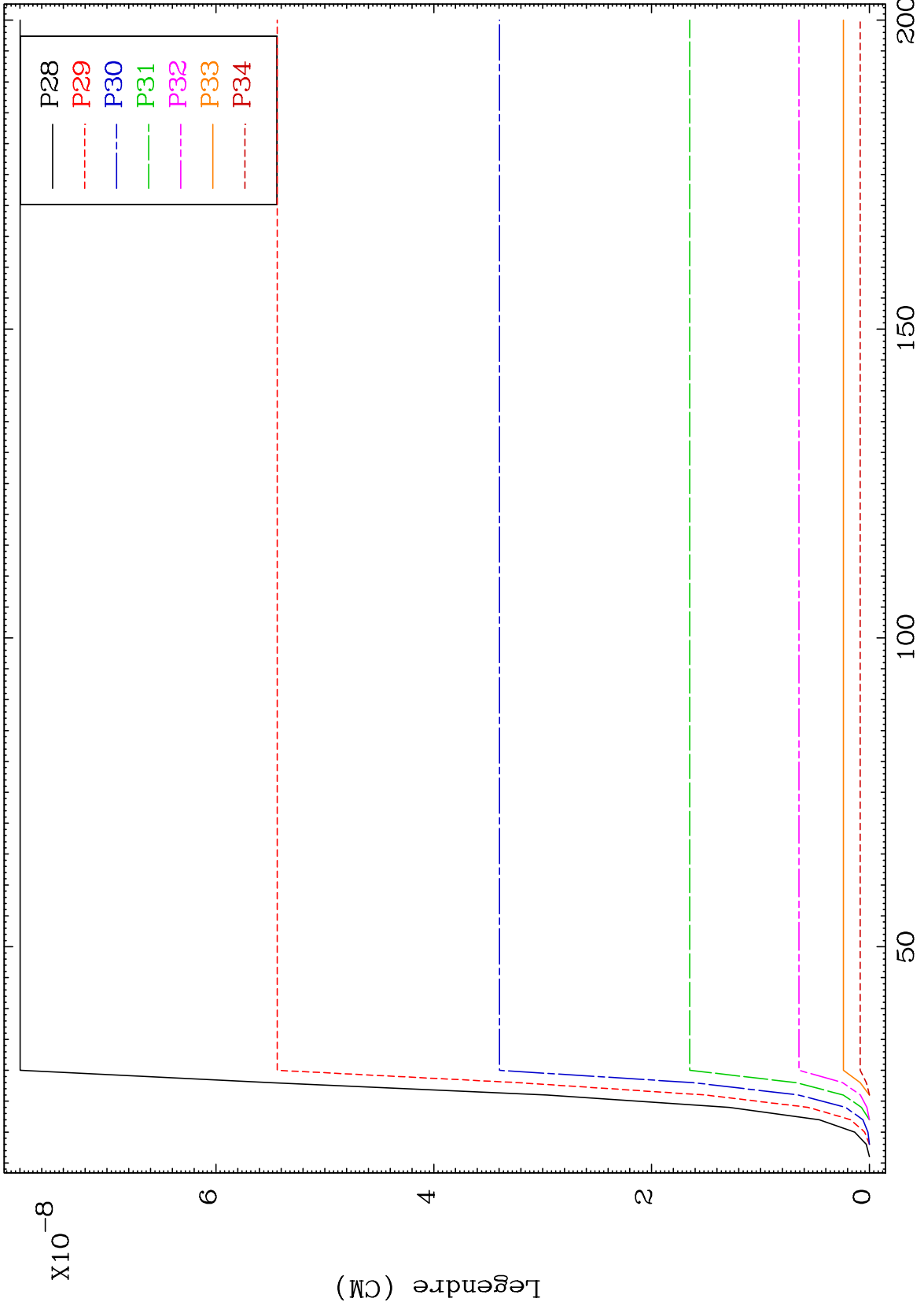


129

Incident Energy (MeV)

71-Lu-169

MAT 7107 MT= 78 (n,n') Level Legendre Coefficients 71-Lu-169

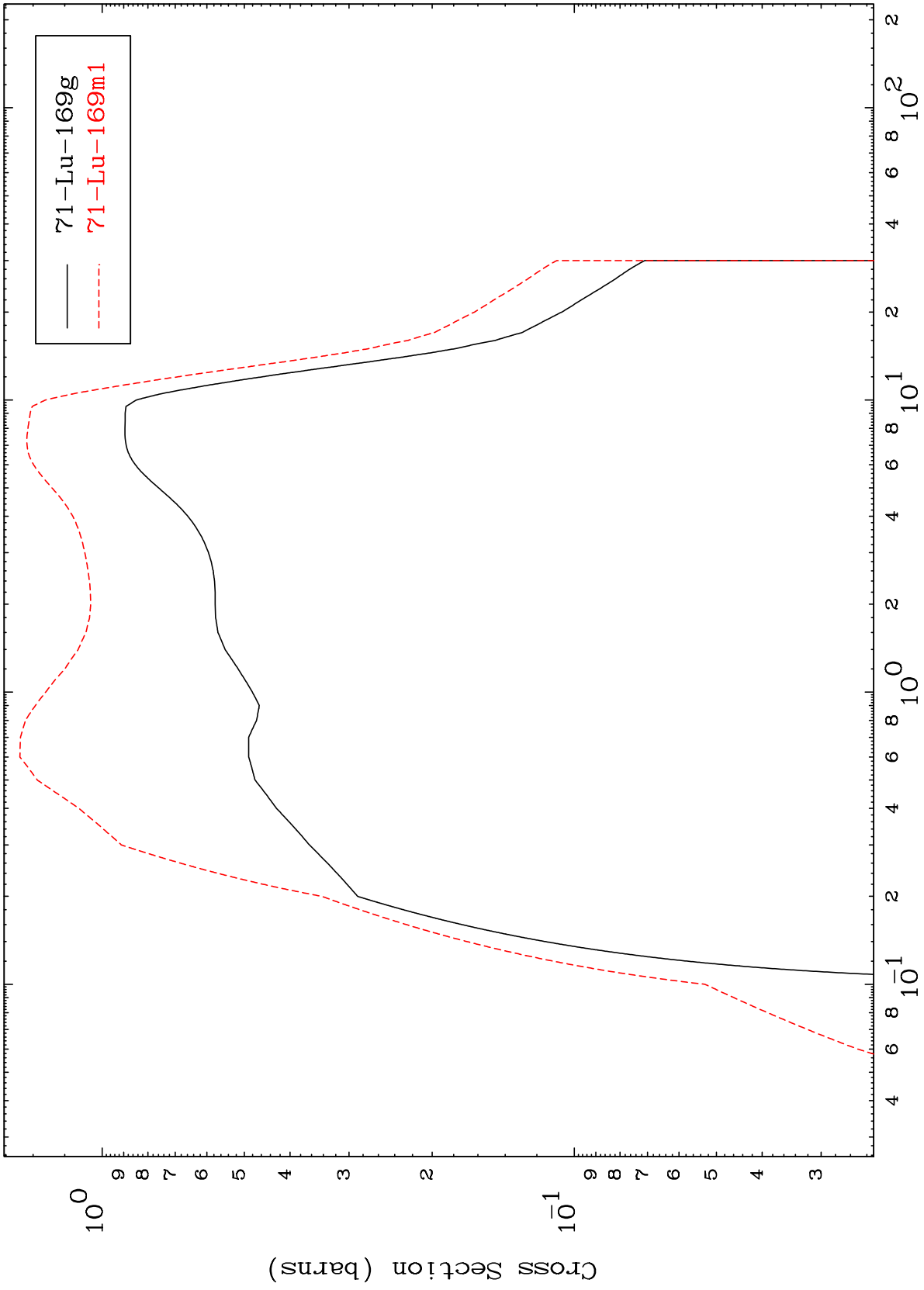


130 50 100 150 200 71-Lu-169

MAT 7107

71-Lu-169

Inelastic
Radionuclide Production Cross Section



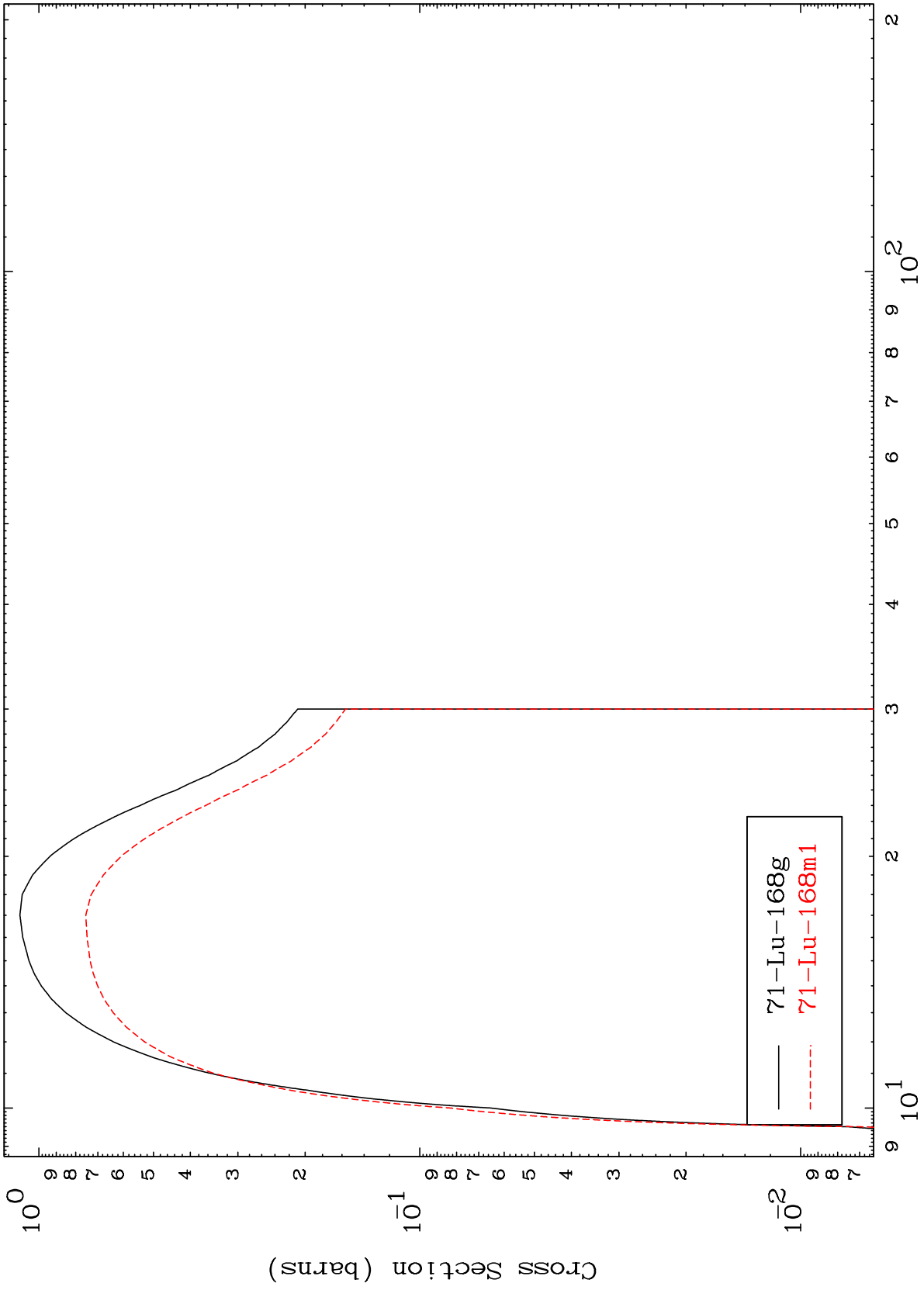
131

71-Lu-169

MAT 7107

71-Lu-169

(n,2n)
Radionuclide Production Cross Section



132

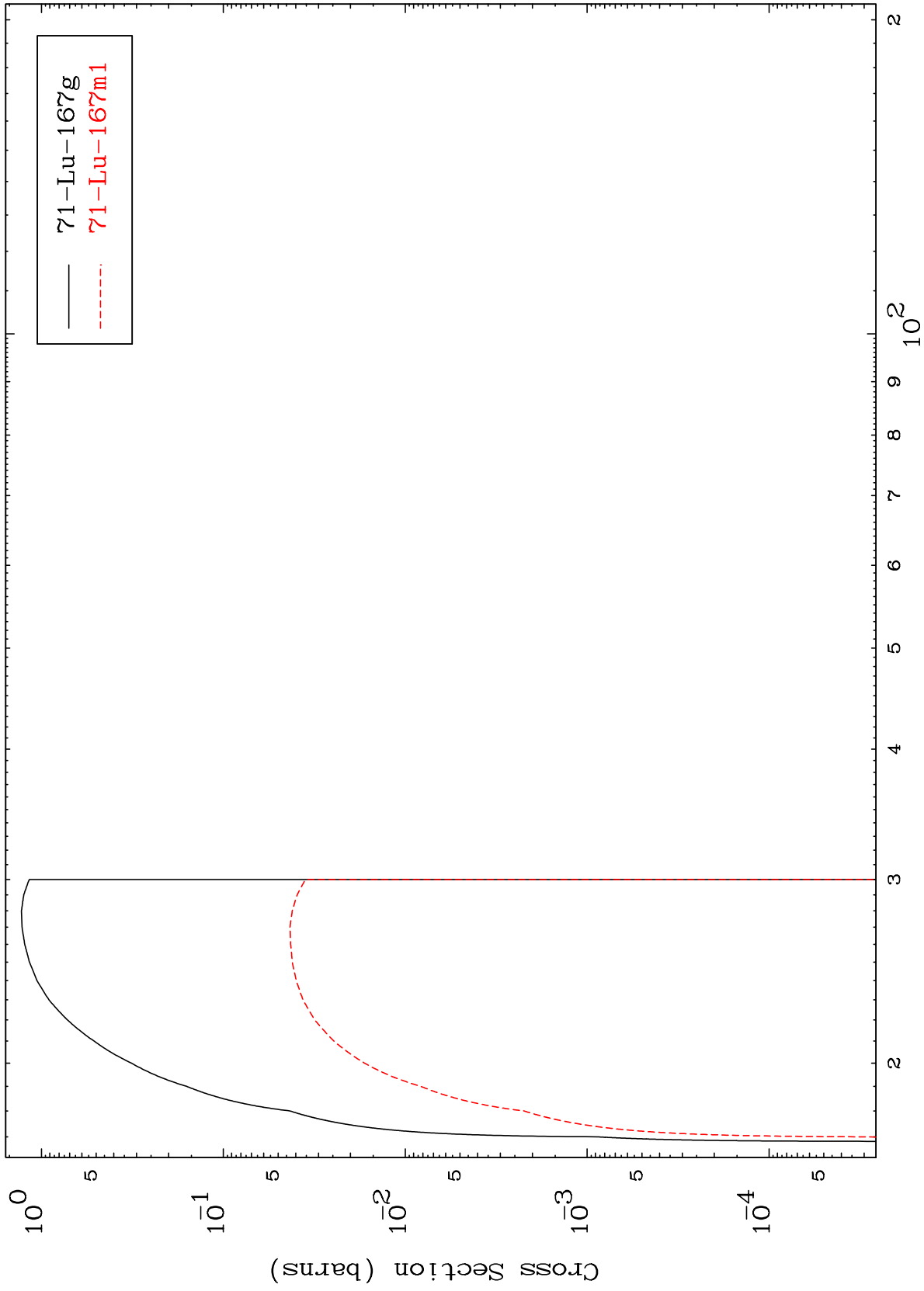
71-Lu-169

MAT 7107

(n,3n)

71-Lu-169

Radionuclide Production Cross Section



133

Incident Energy (MeV)

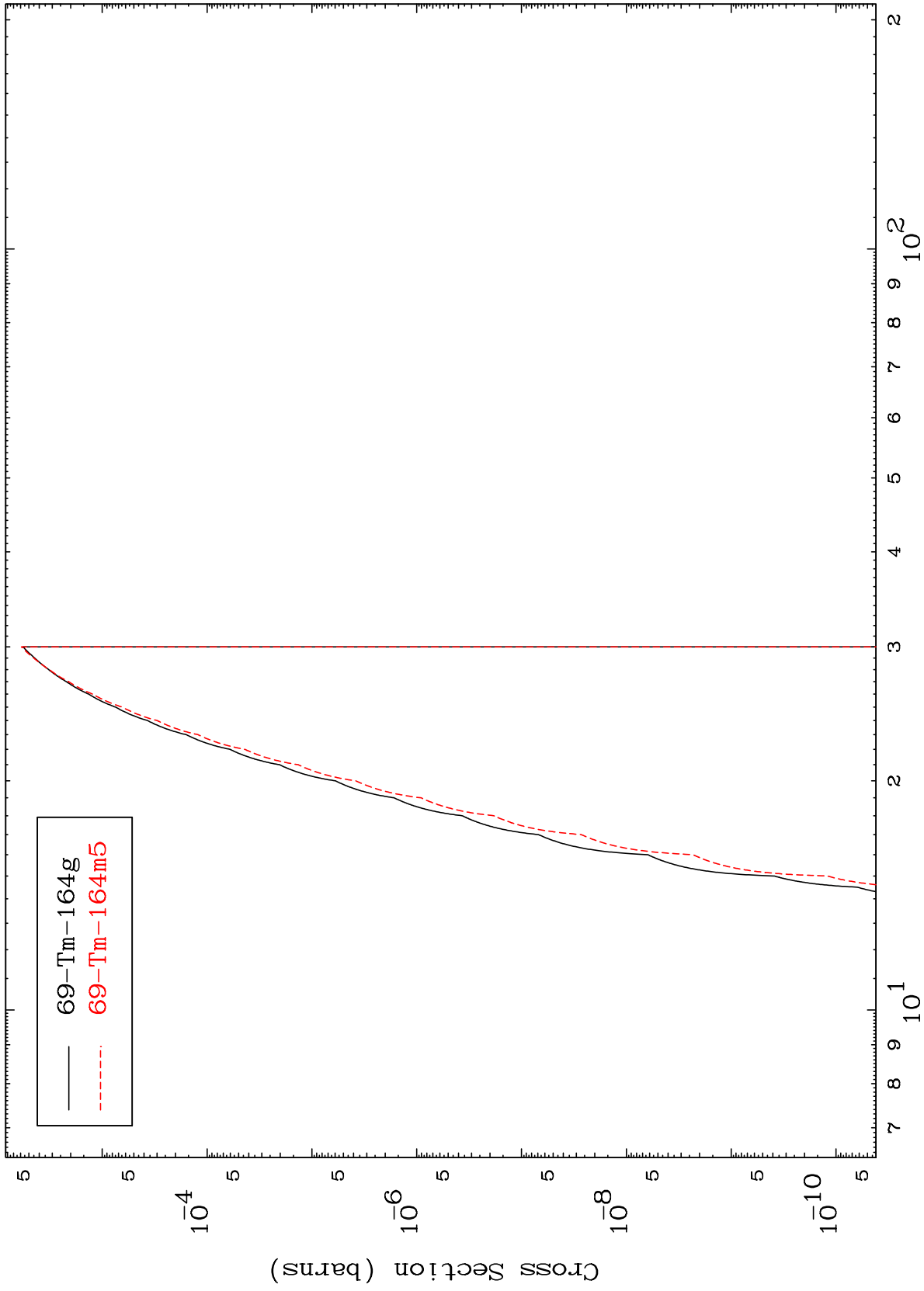
71-Lu-169

MAT 7107

$(n, 2n) \alpha$

$^{71}\text{Lu-169}$

Radionuclide Production Cross Section



134

Incident Energy (MeV)

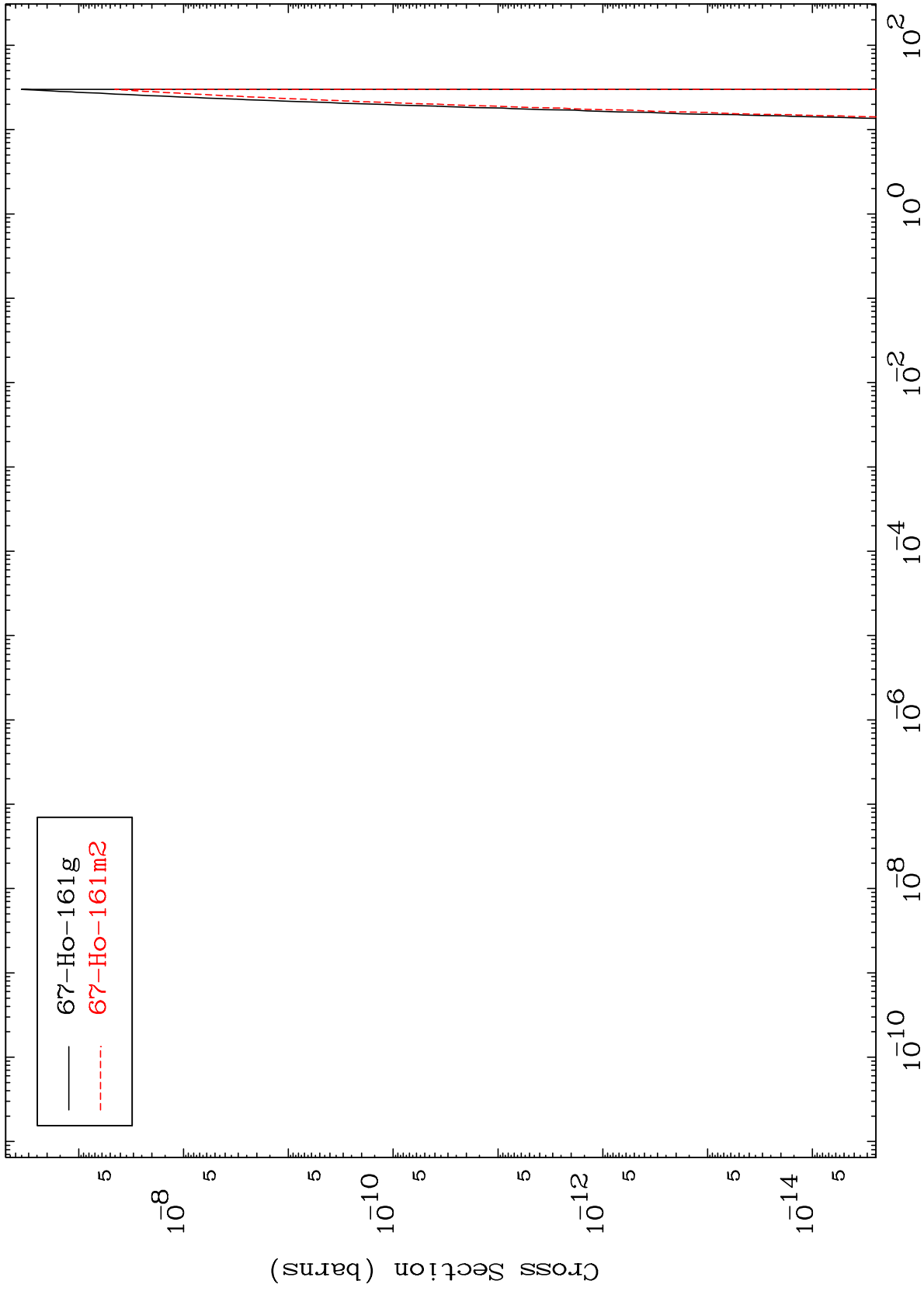
$^{71}\text{Lu-169}$

MAT 7107

(n,n') 2α

71-Lu-169

Radionuclide Production Cross Section

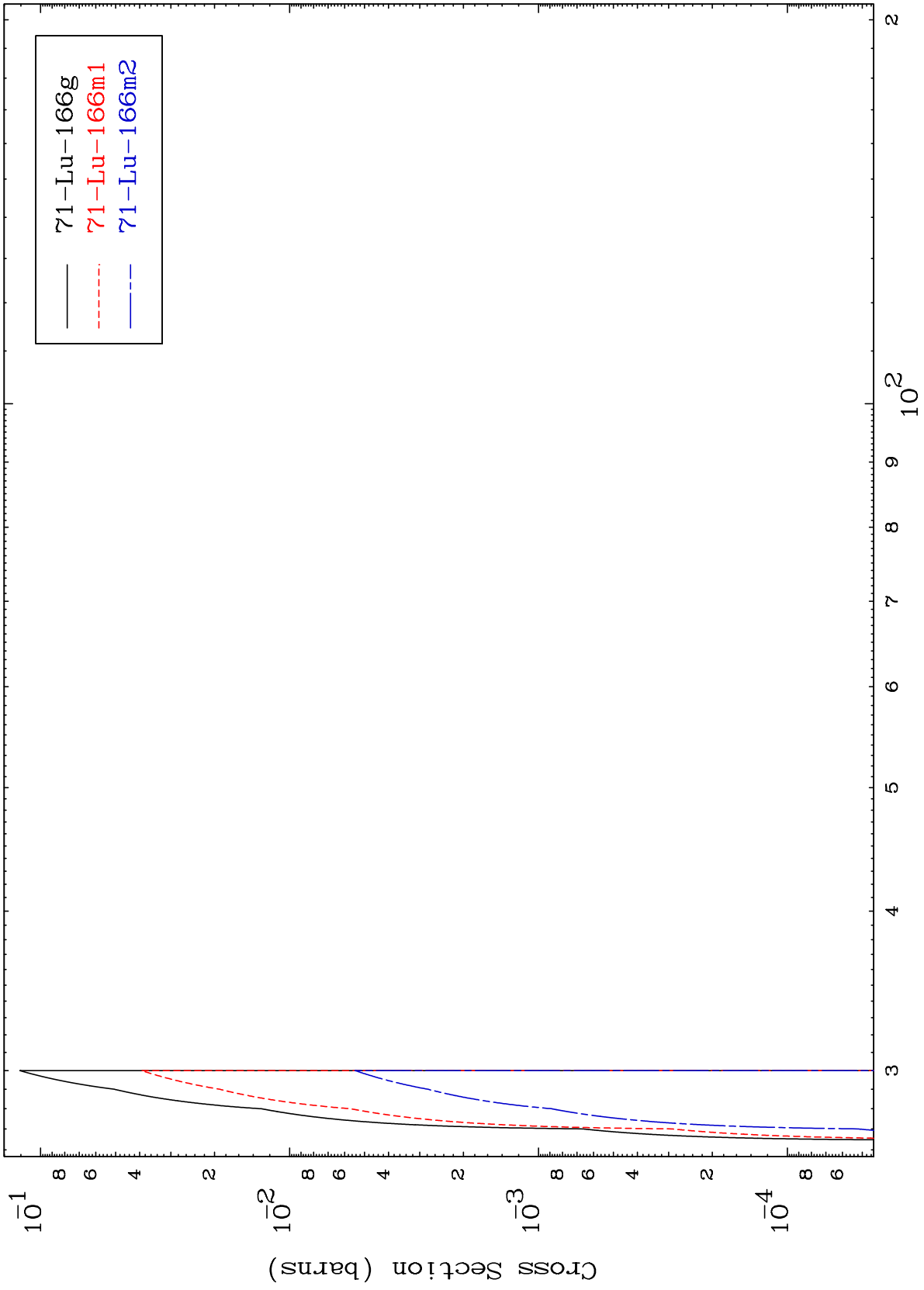


135

Incident Energy (MeV)

71-Lu-169

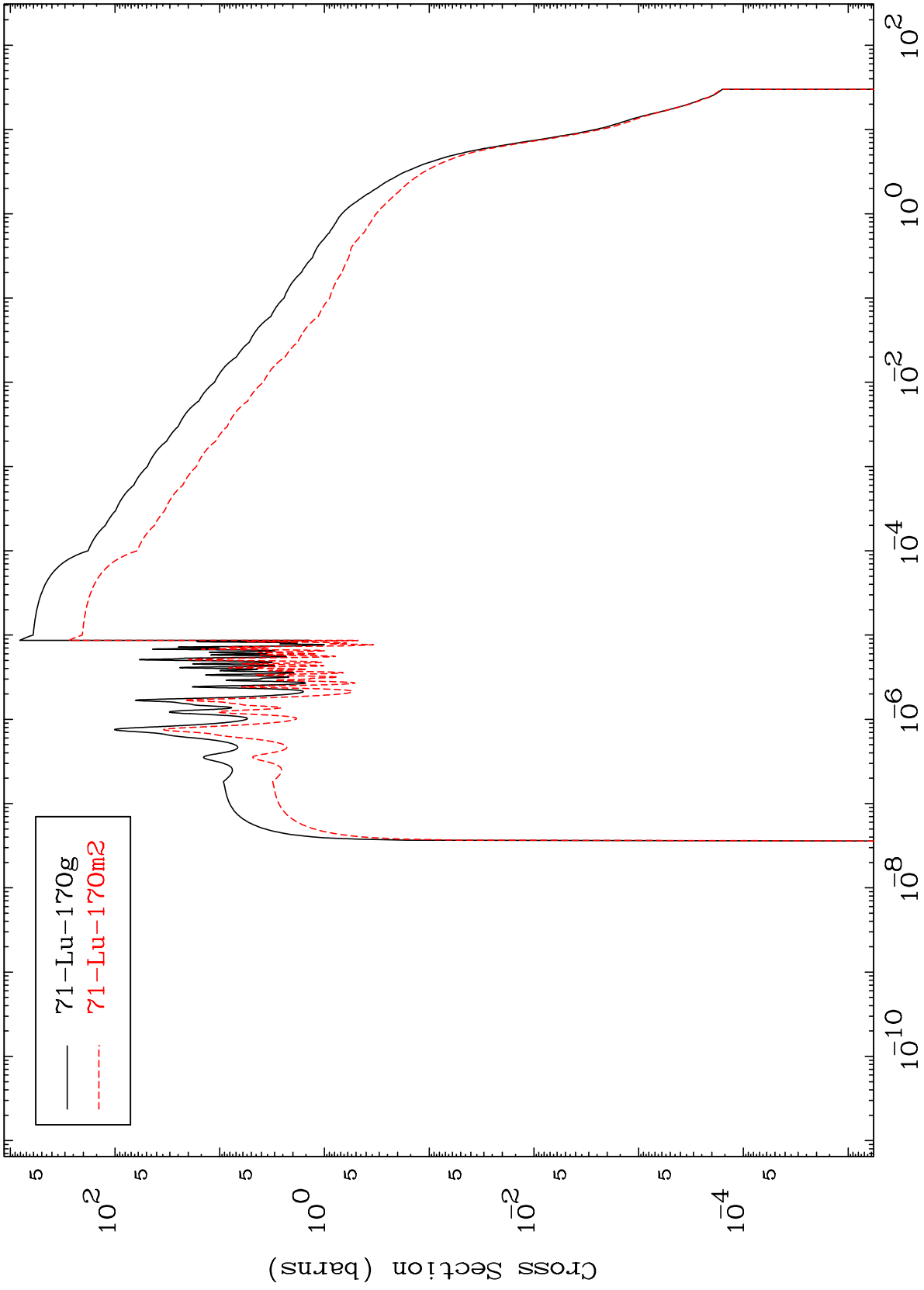
Radionuclide Production Cross Section



MAT 7107

71-Lu-169

Radionuclide Production Cross Section (n,γ)



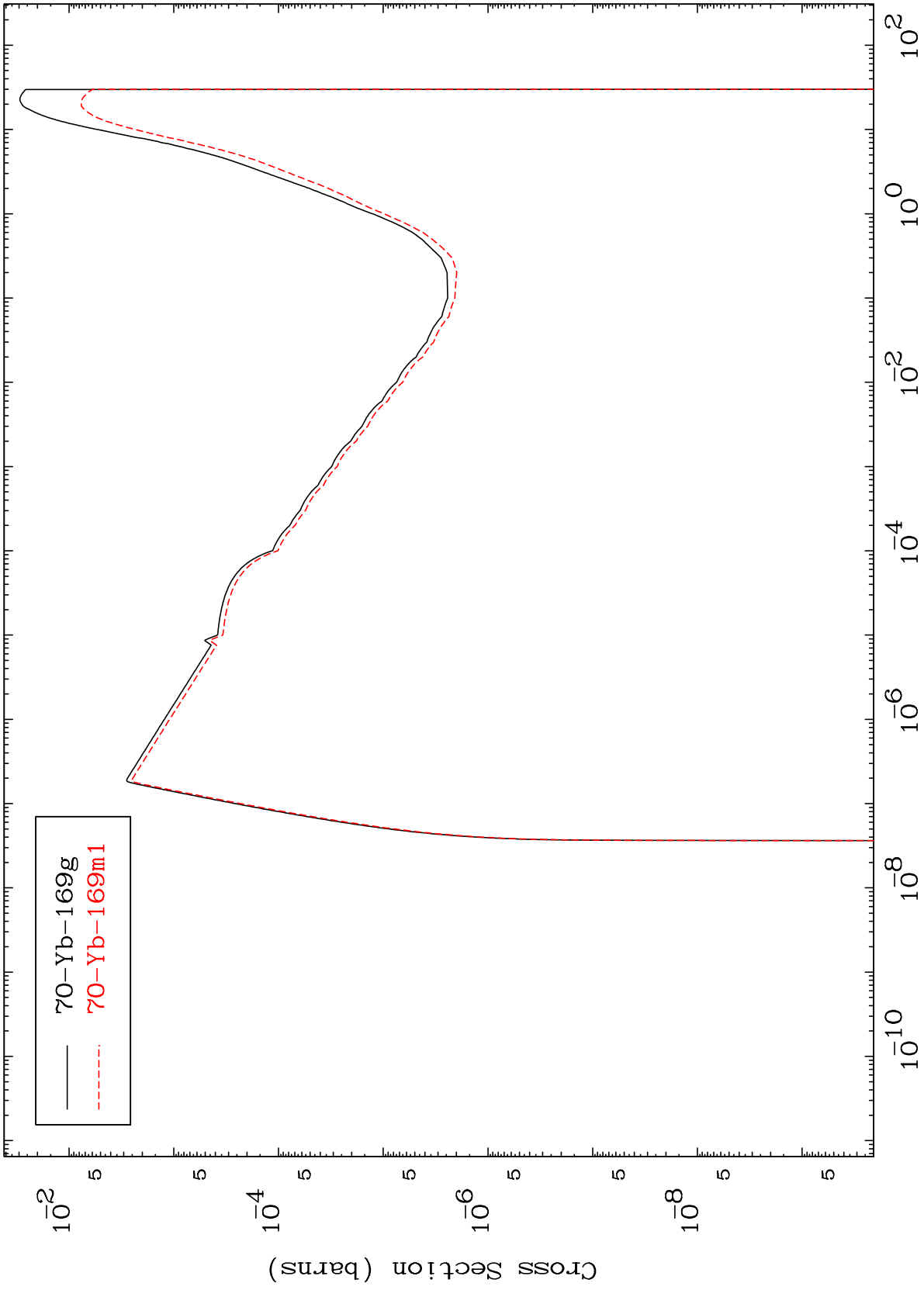
137

71-Lu-169

MAT 7107

Radionuclide Production Cross Section
(n,p)

71-Lu-169



138

Incident Energy (MeV)

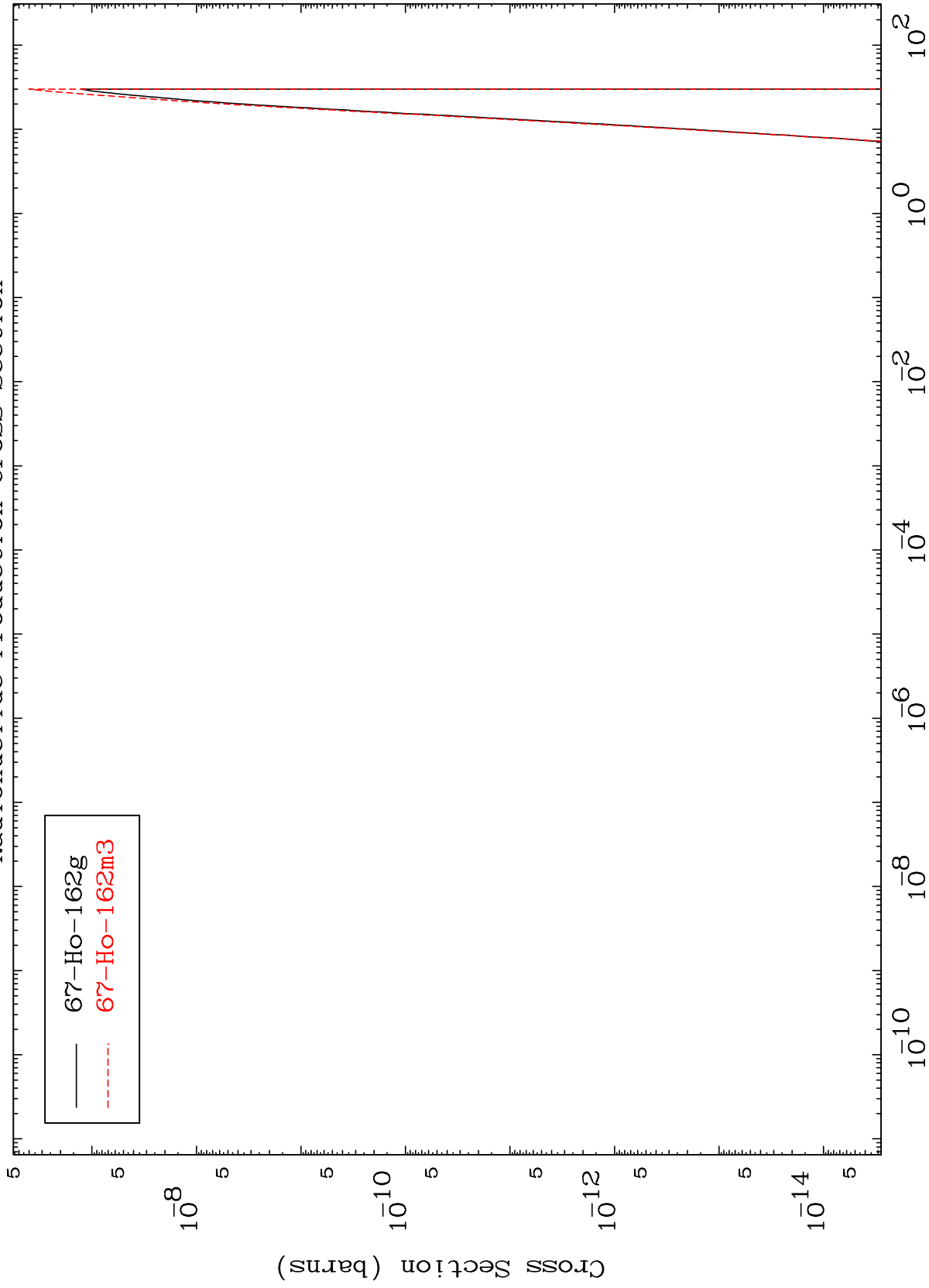
71-Lu-169

MAT 7107

(n, 2α)

71-Lu-169

Radionuclide Production Cross Section



139

Incident Energy (MeV)

71-Lu-169