

Program EVALPLOT
(Version 2021-1)

by

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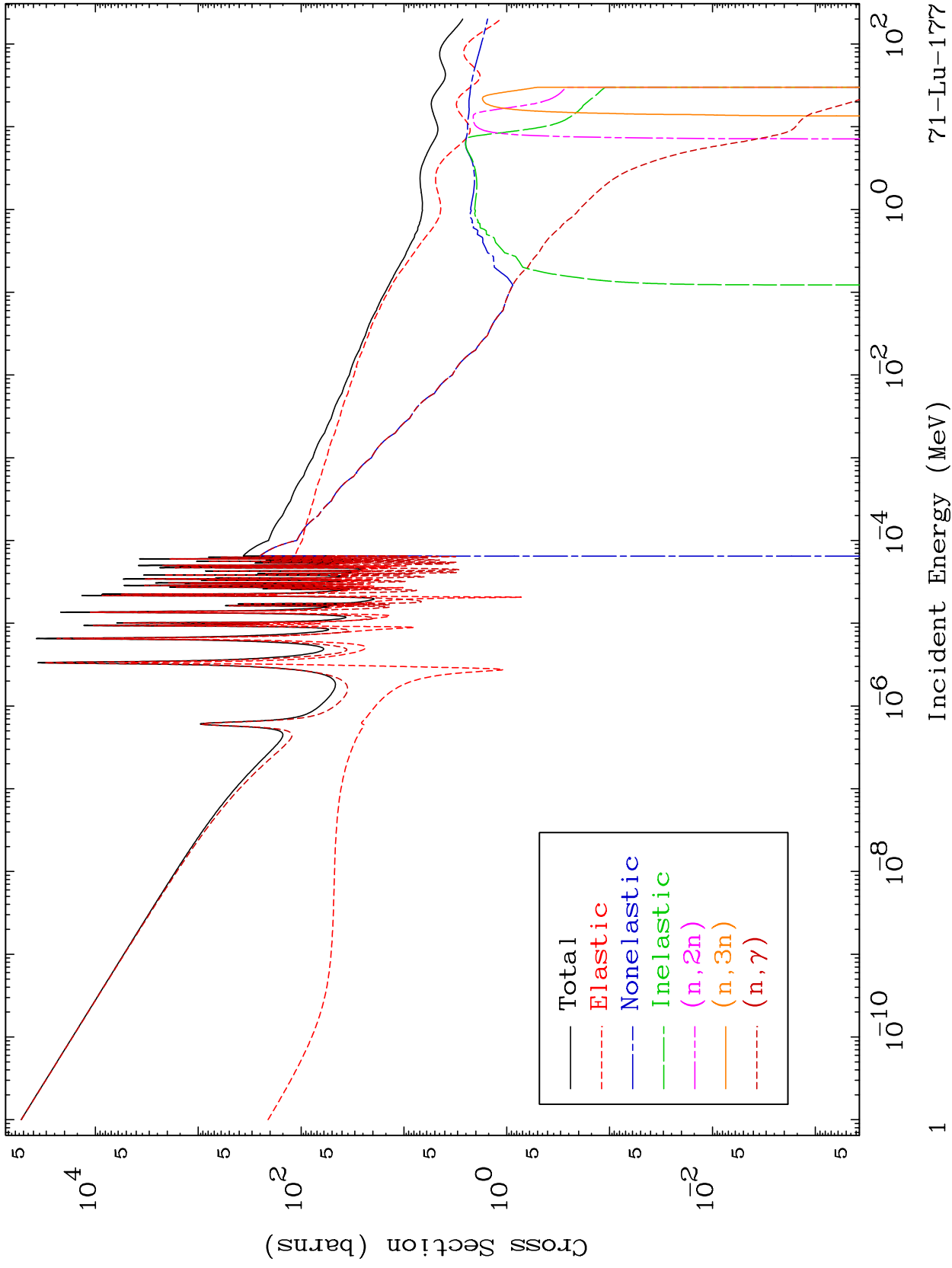
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Press Mouse Button to Start

MAT 7131

Neutron Major
293 Kelvin Cross Sections

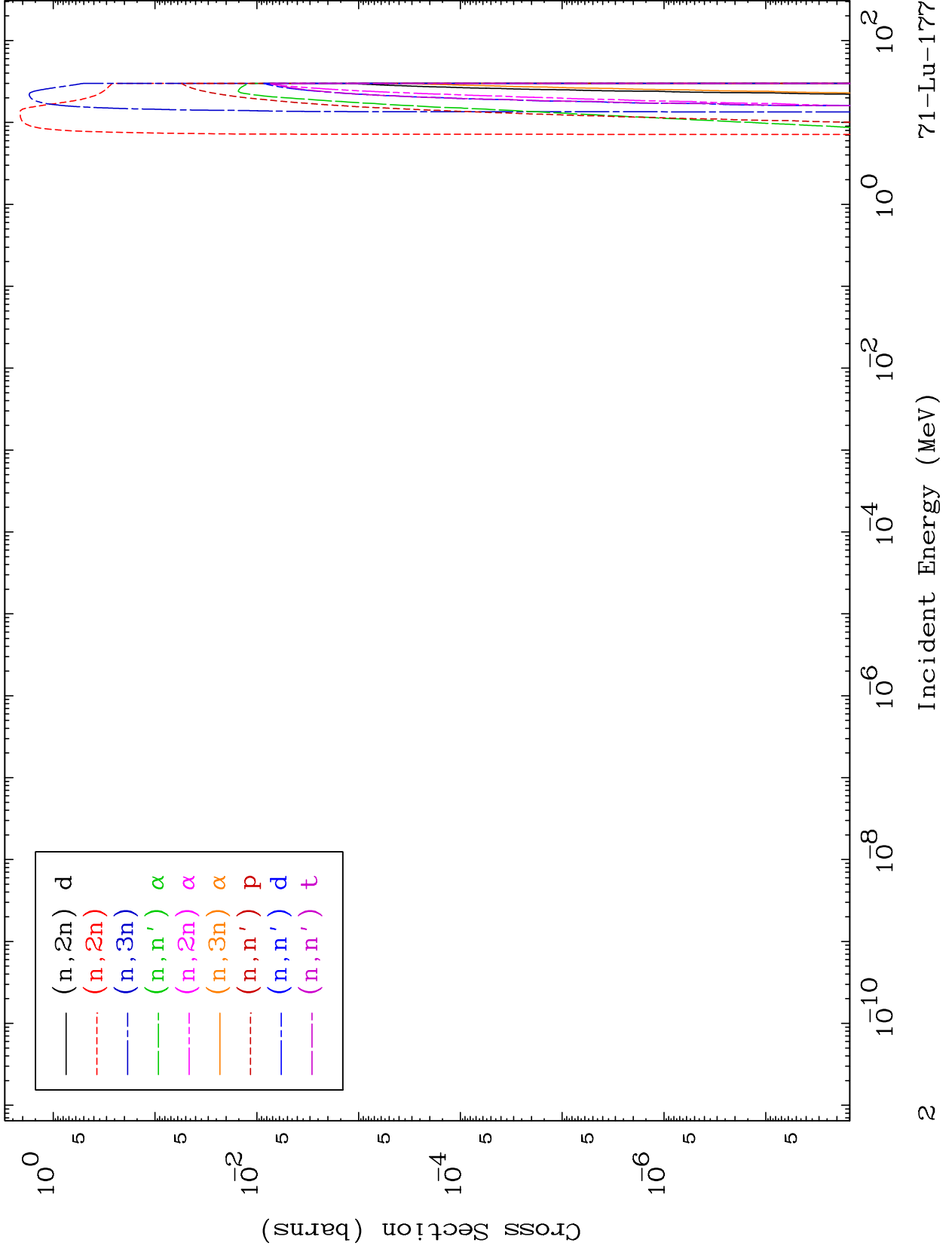
71-Lu-177



MAT 7131

Neutron Absorption
293 Kelvin Cross Sections

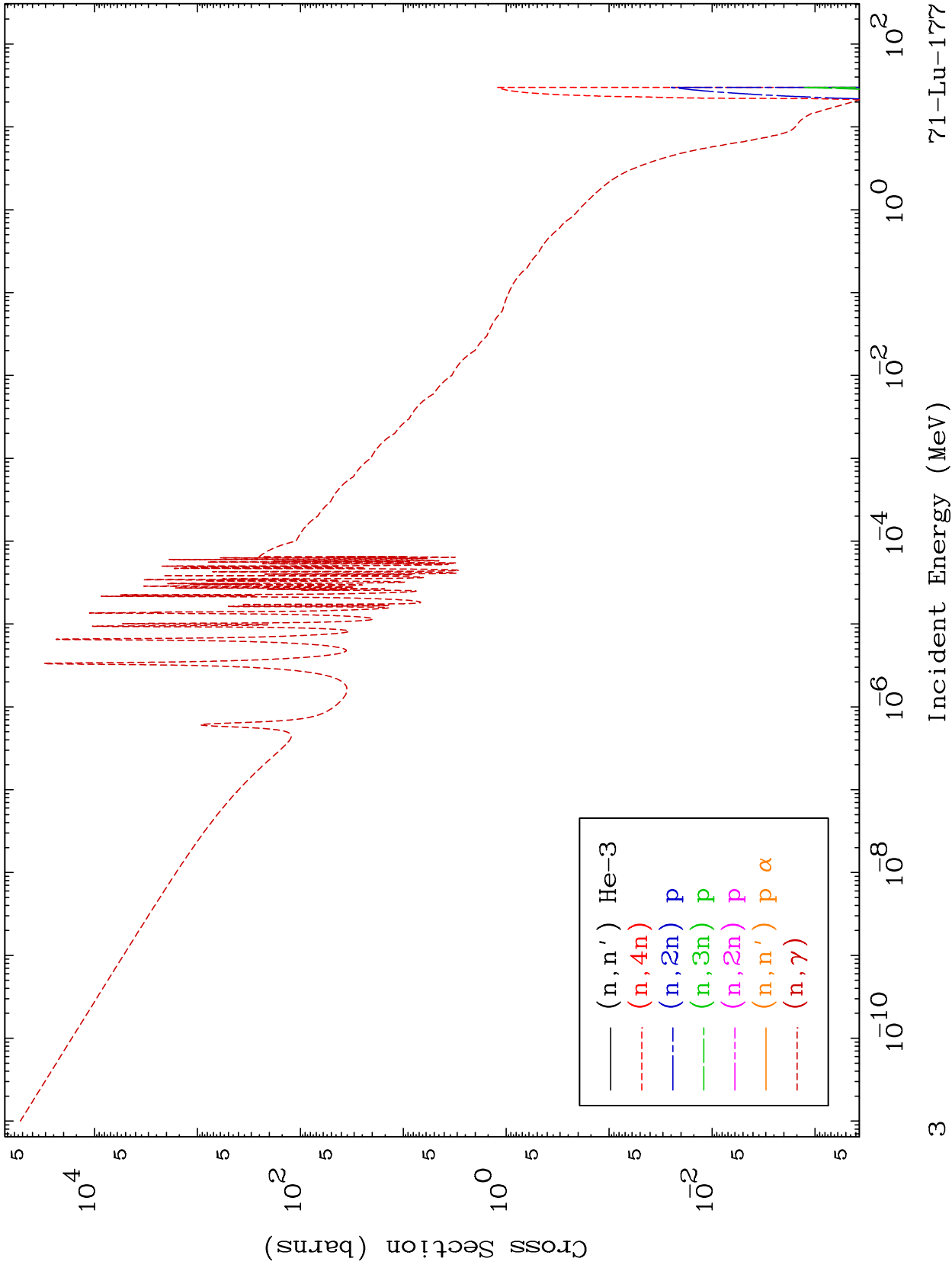
71-Lu-177



MAT 7131

Neutron Absorption
293 Kelvin Cross Sections

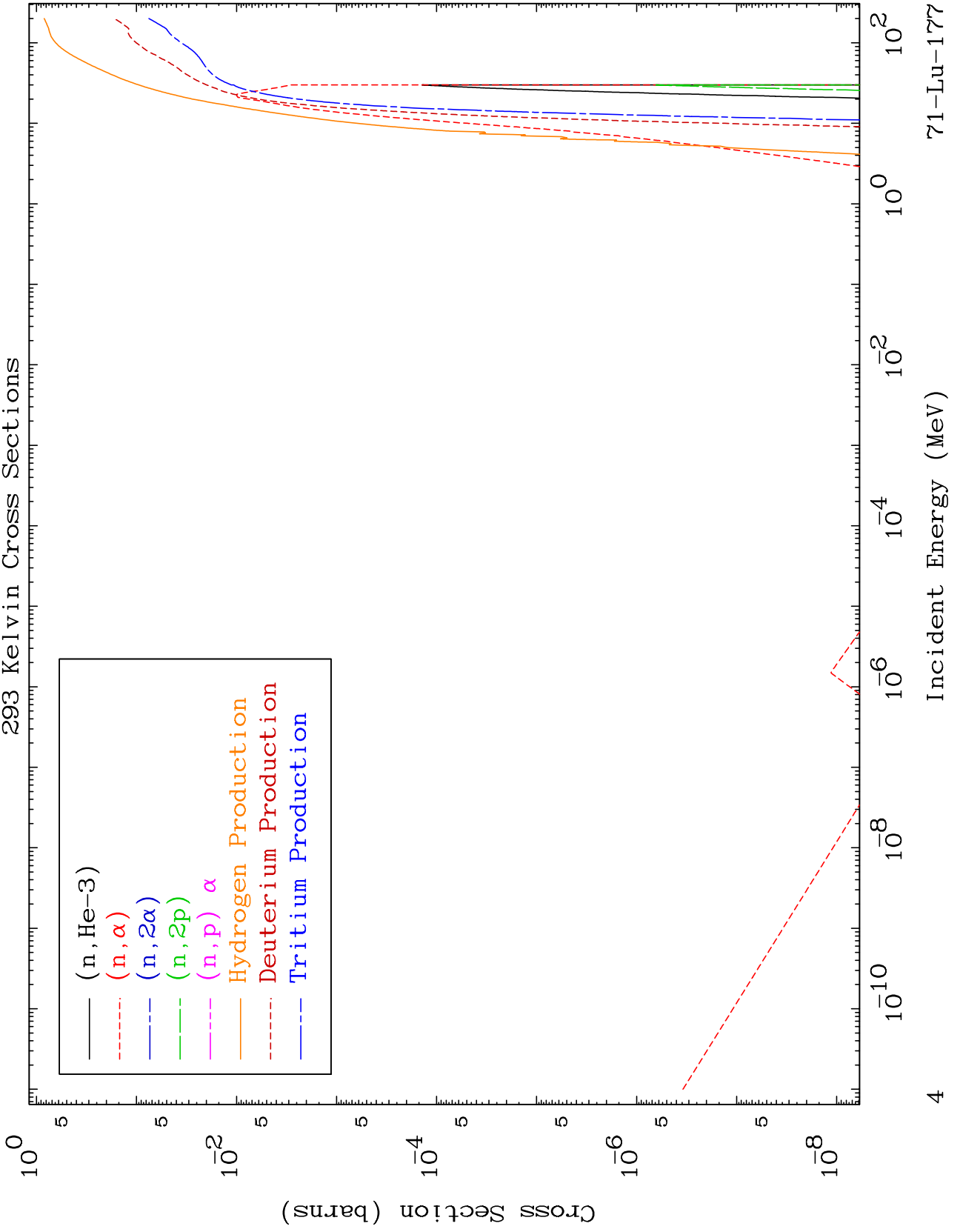
71-Lu-177



MAT 7131

Neutron Absorption
293 Kelvin Cross Sections

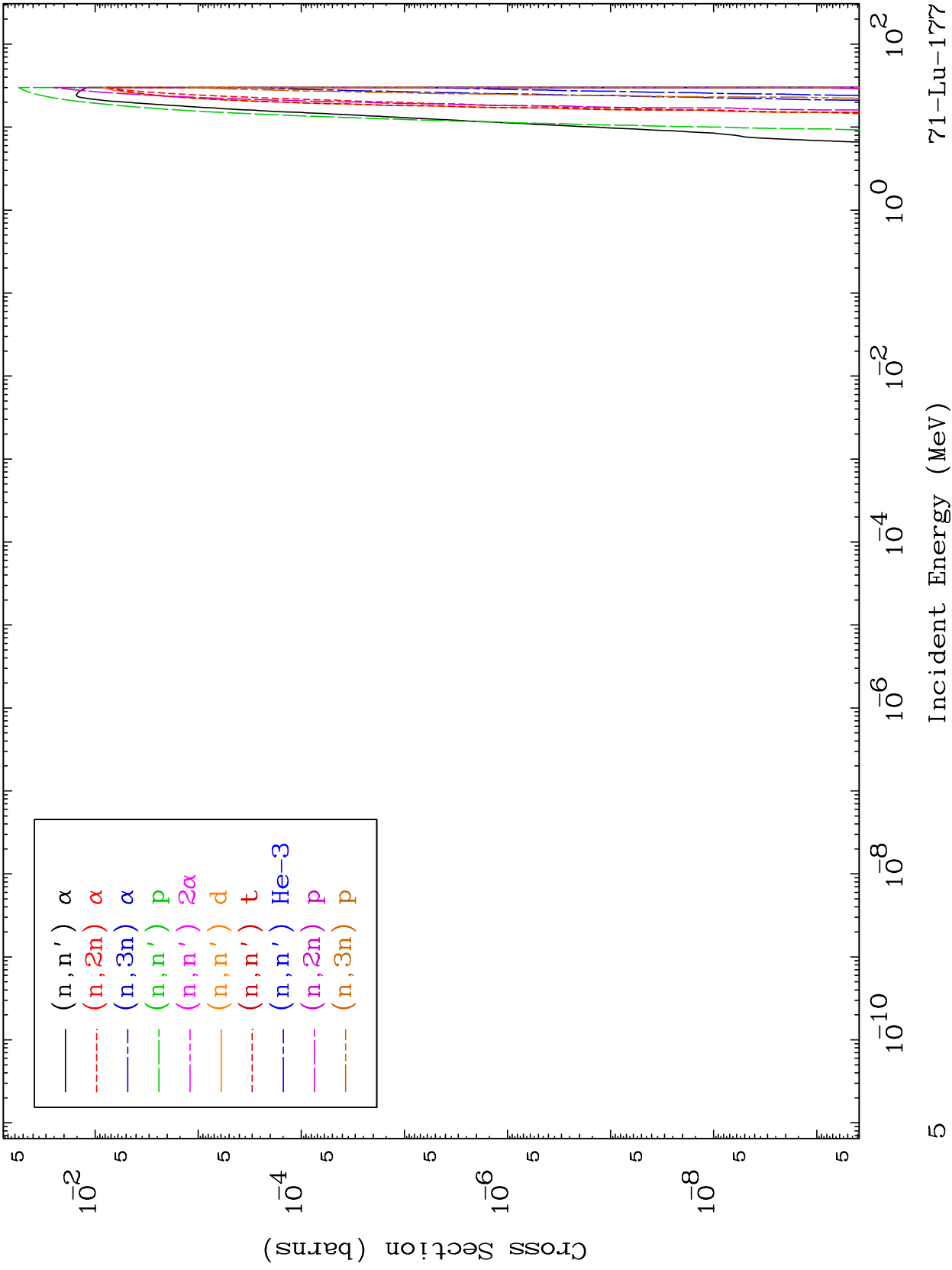
71-Lu-177



MAT 7131

Charged Particle
293 Kelvin Cross Sections

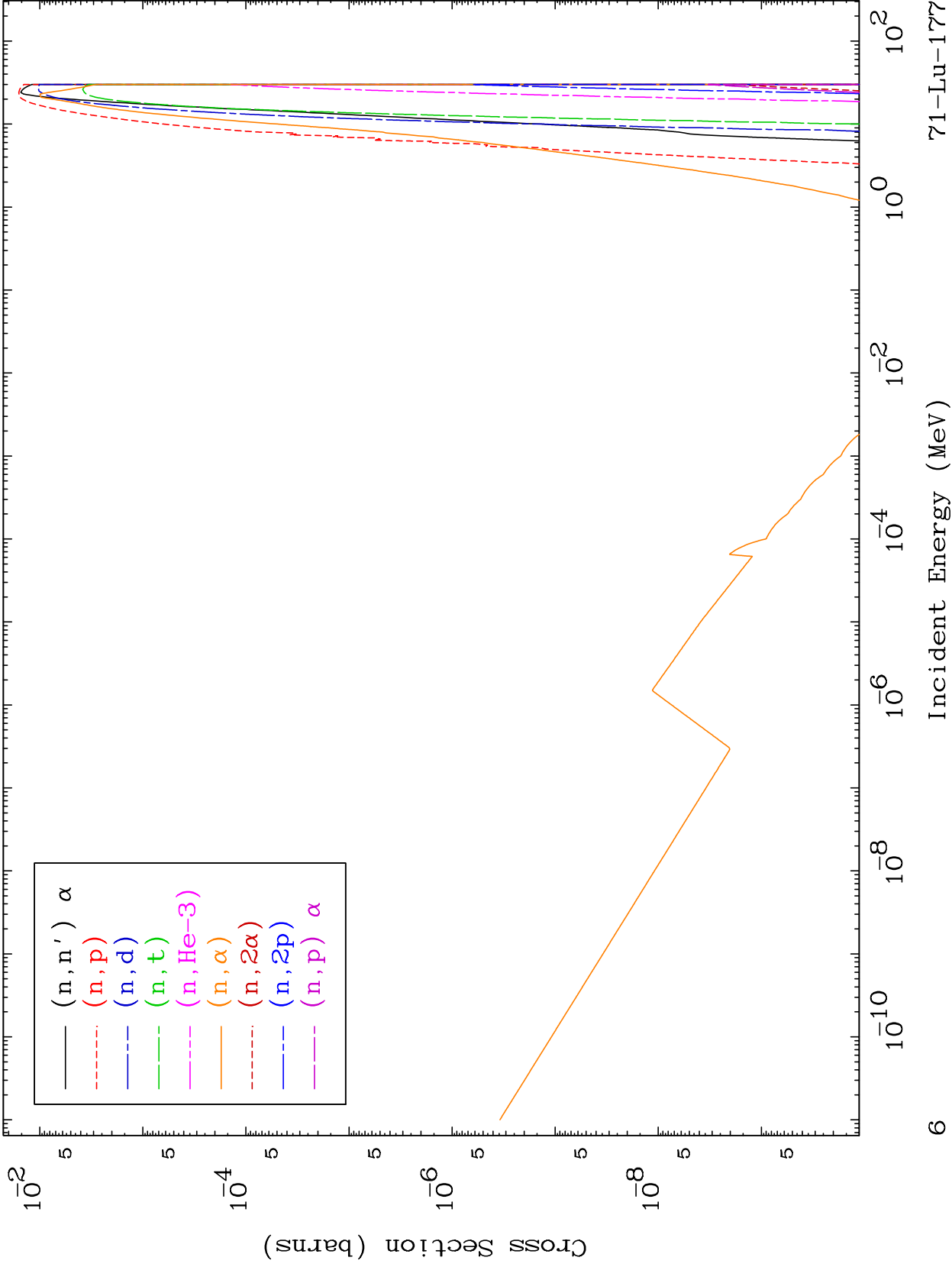
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MAT 7131

Charged Particle
293 Kelvin Cross Sections

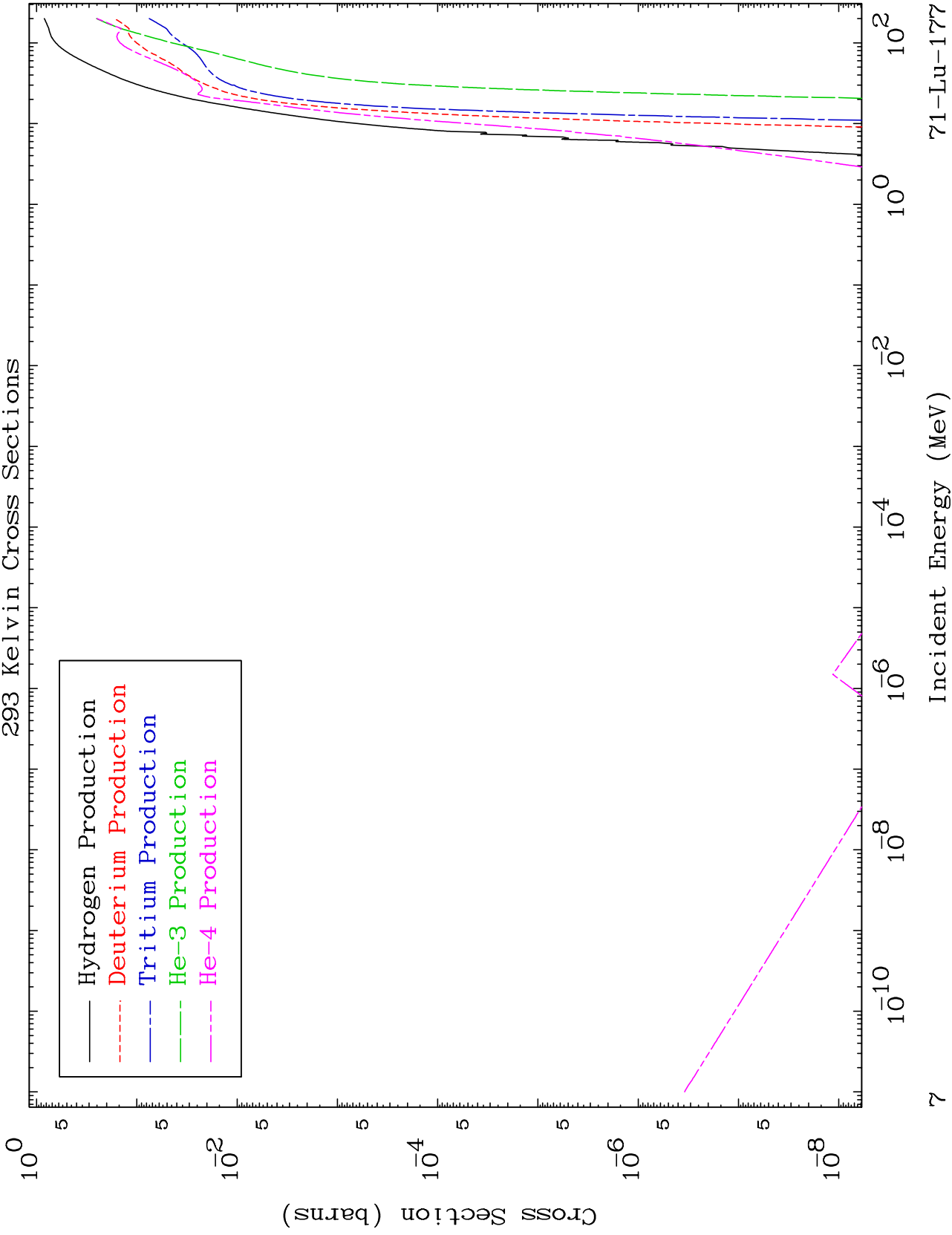
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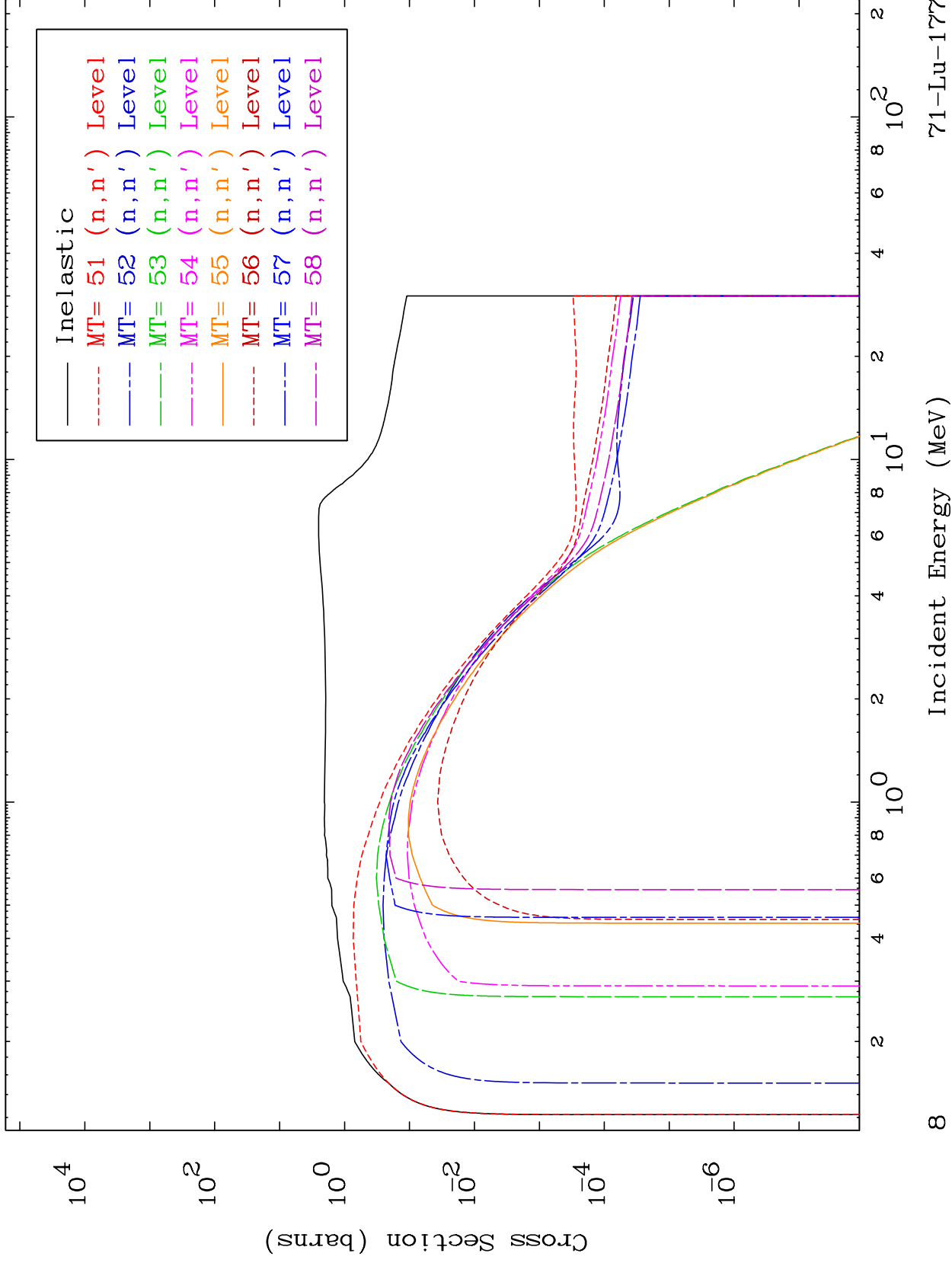


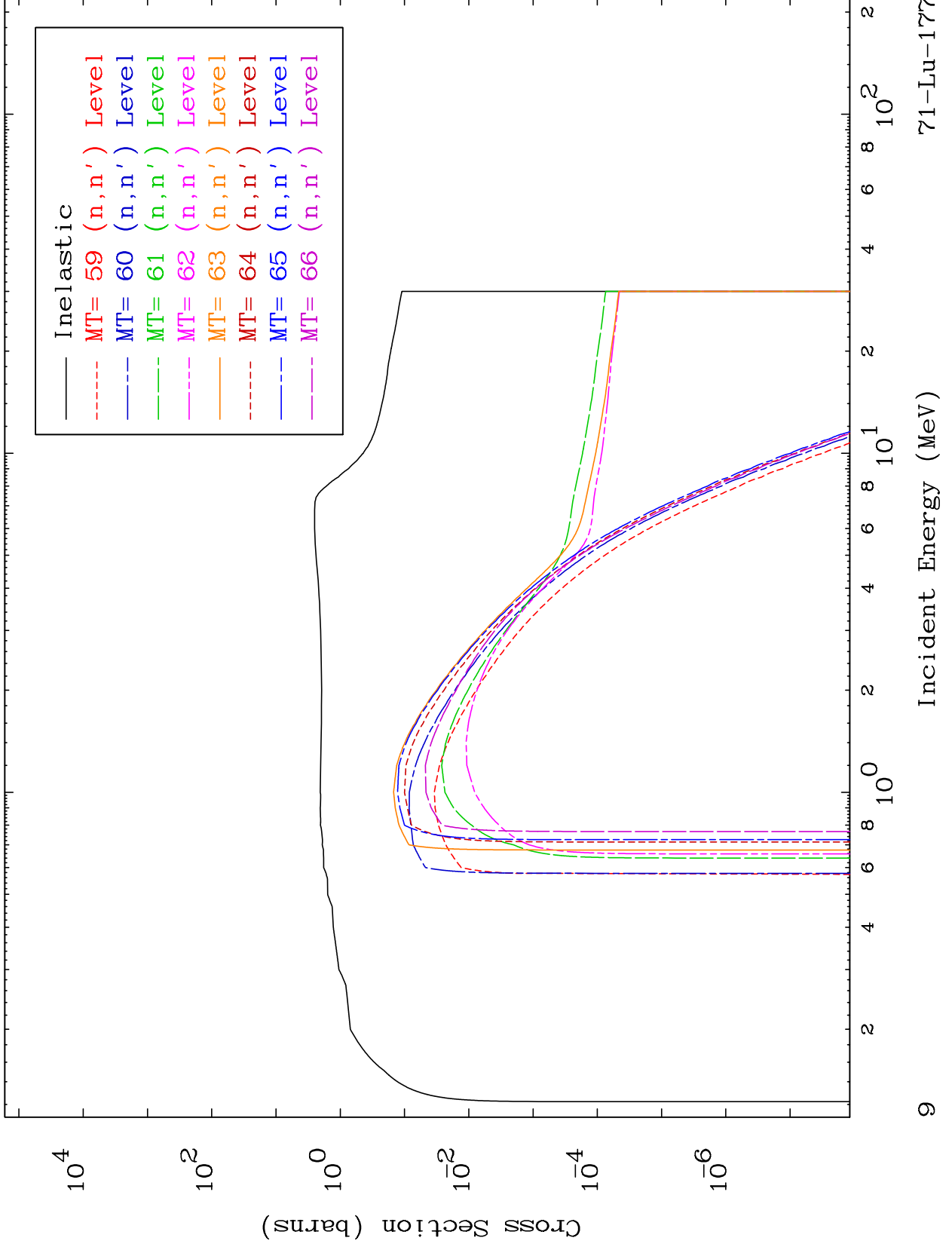
MAT 7131

Particle Production
293 Kelvin Cross Sections

71-Lu-177



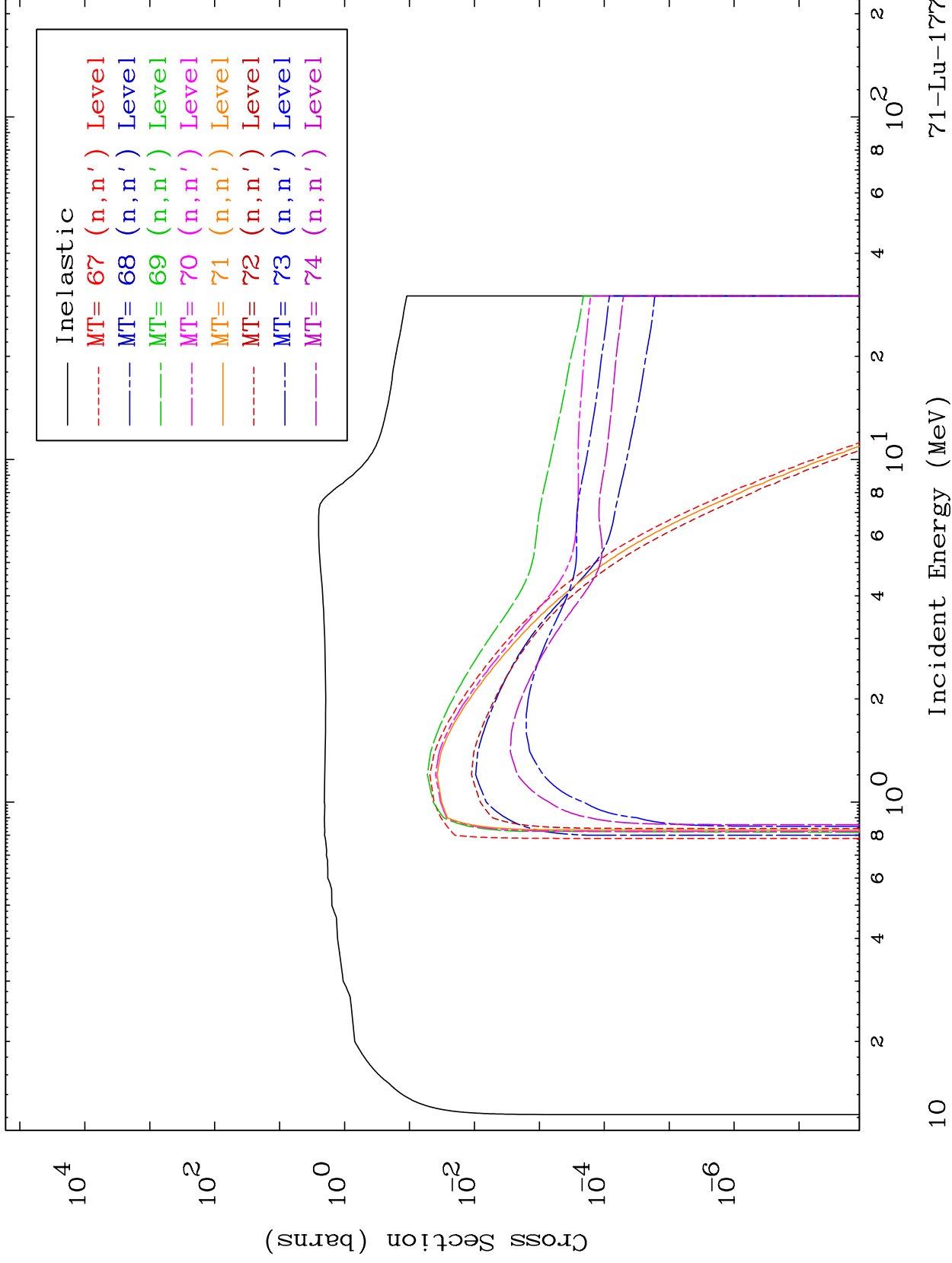




MAT 7131

(n,n') Levels
293 Kelvin Cross Sections

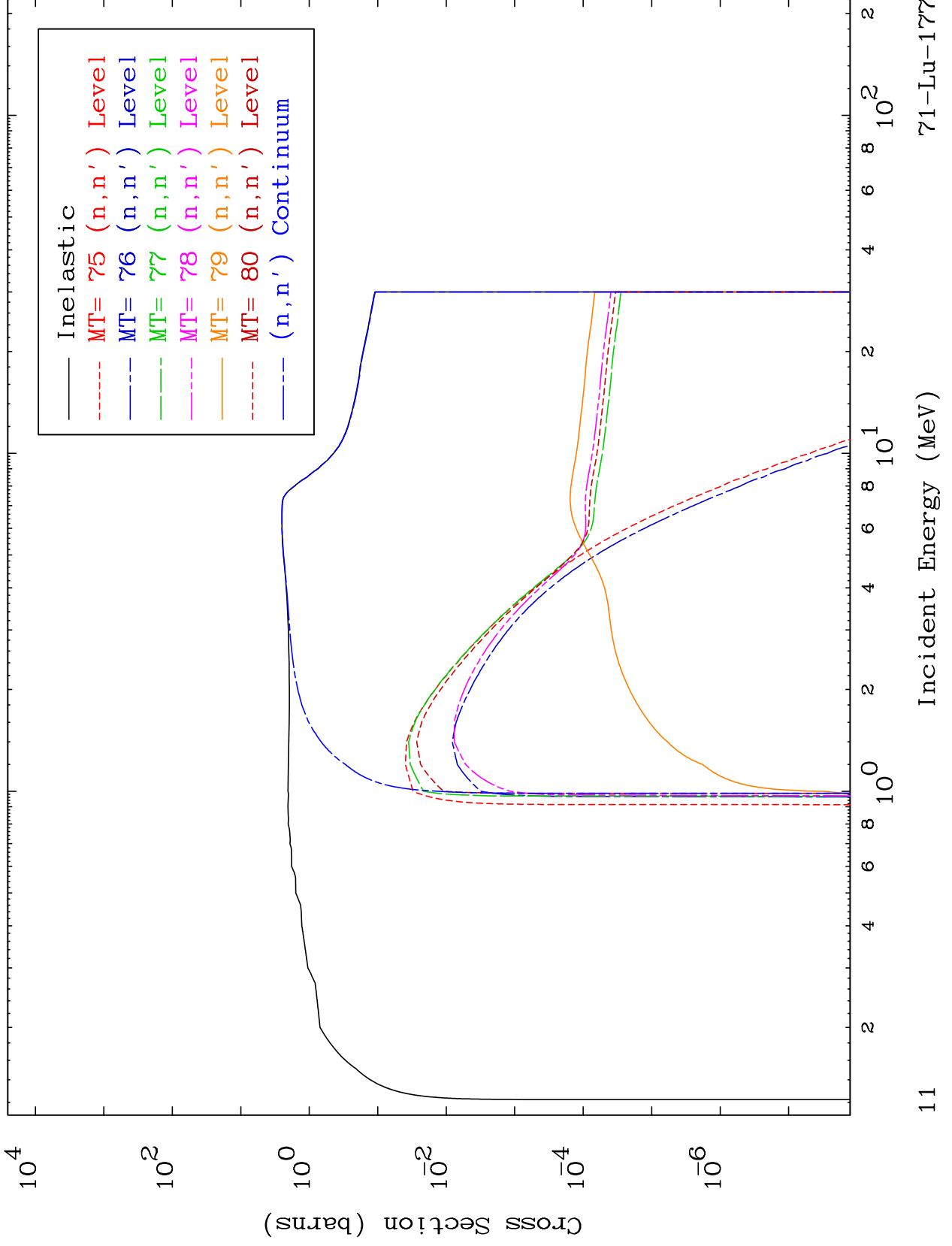
71-Lu-177



10

Incident Energy (MeV)

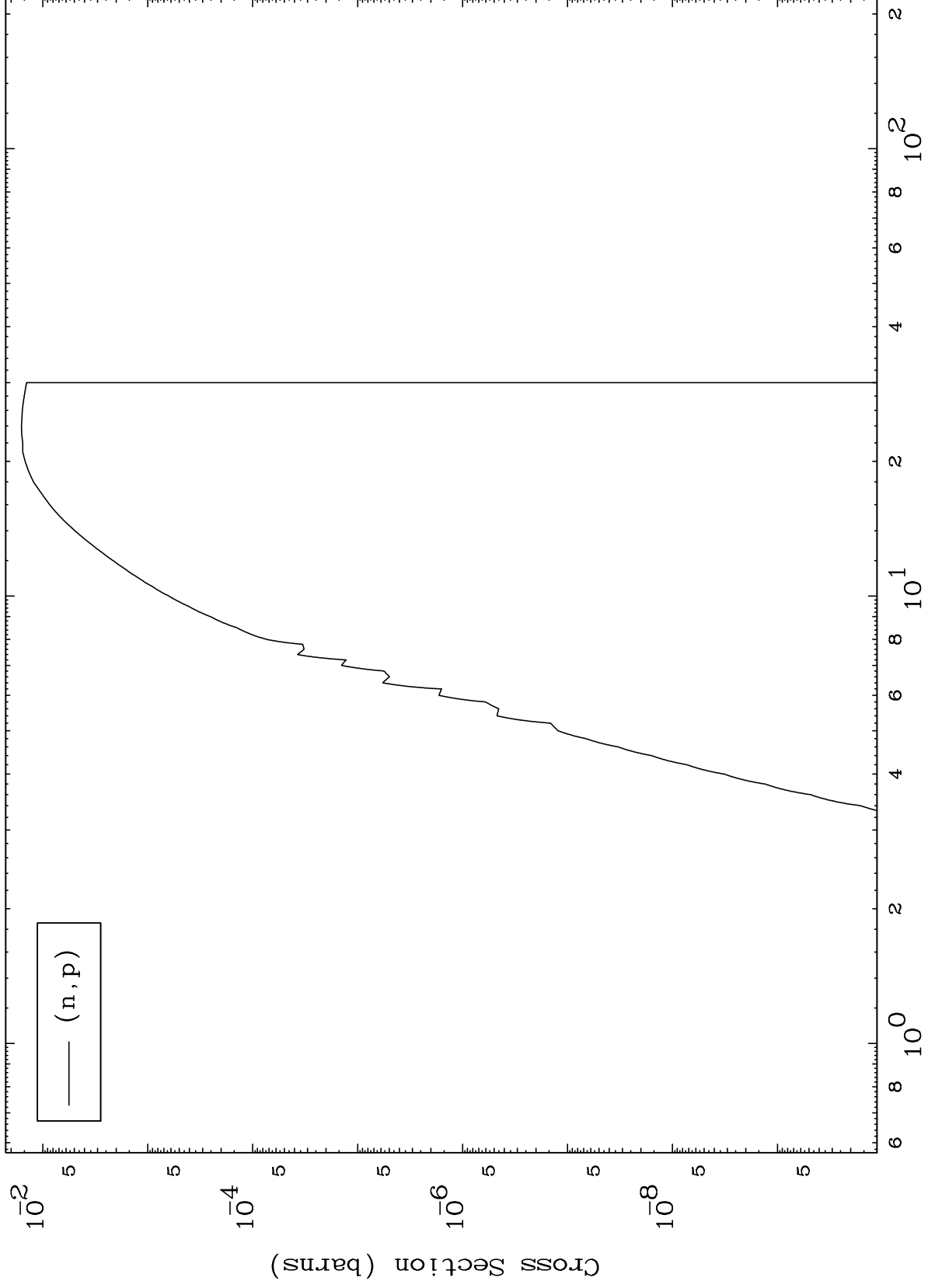
71-Lu-177



MAT 7131

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-177



12

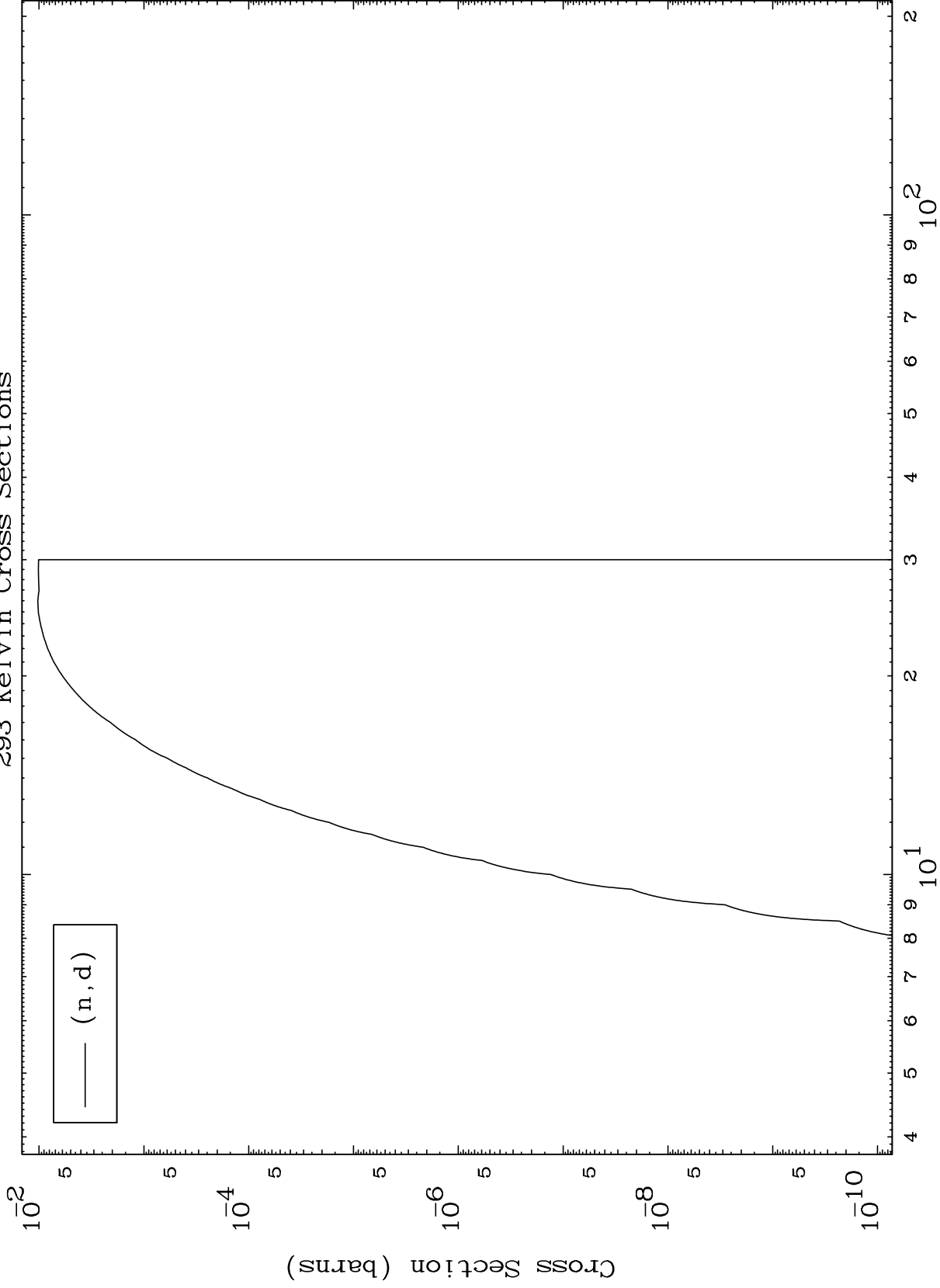
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-177



13

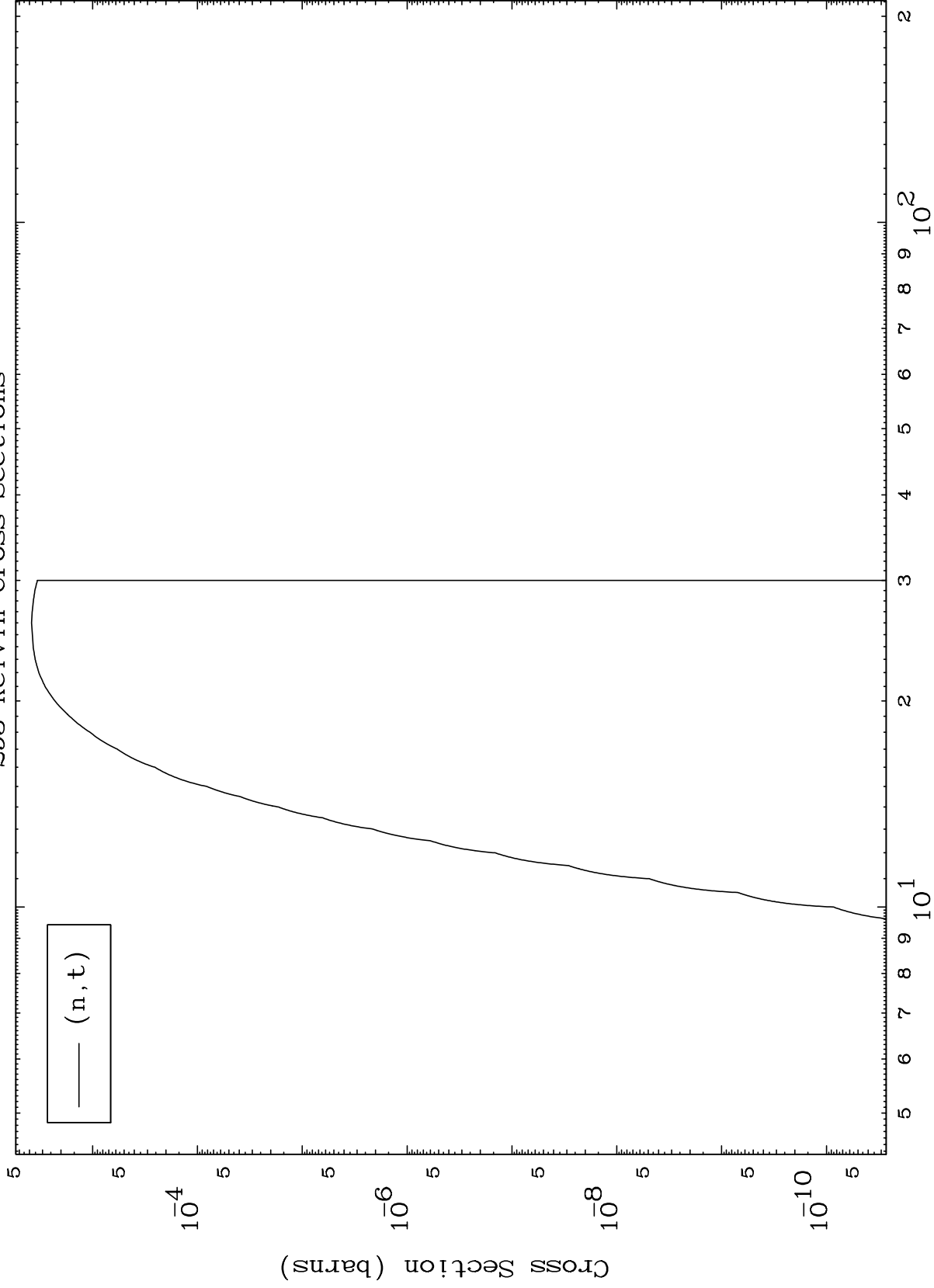
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-177



14

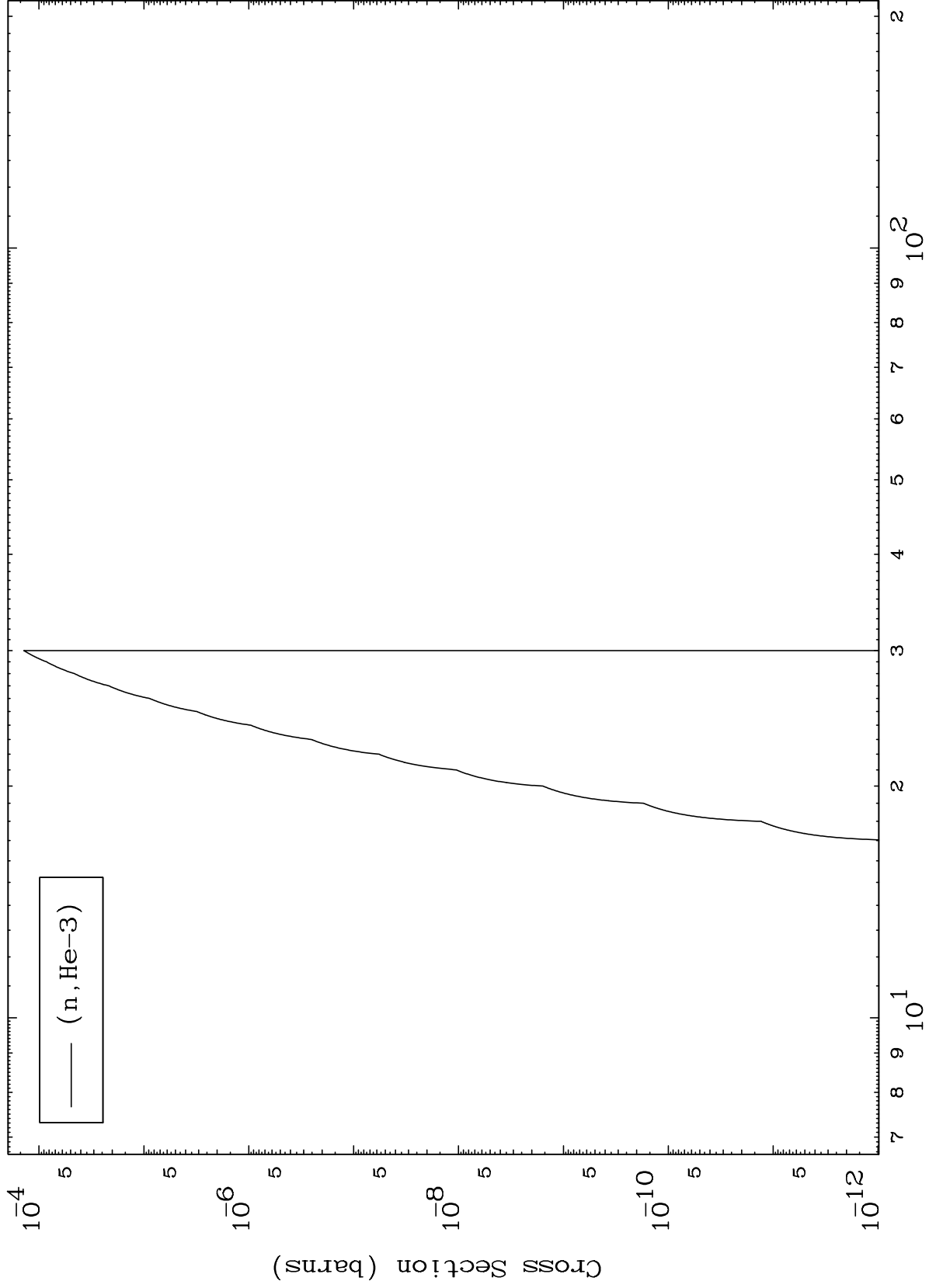
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,He3) Levels
293 Kelvin Cross Sections

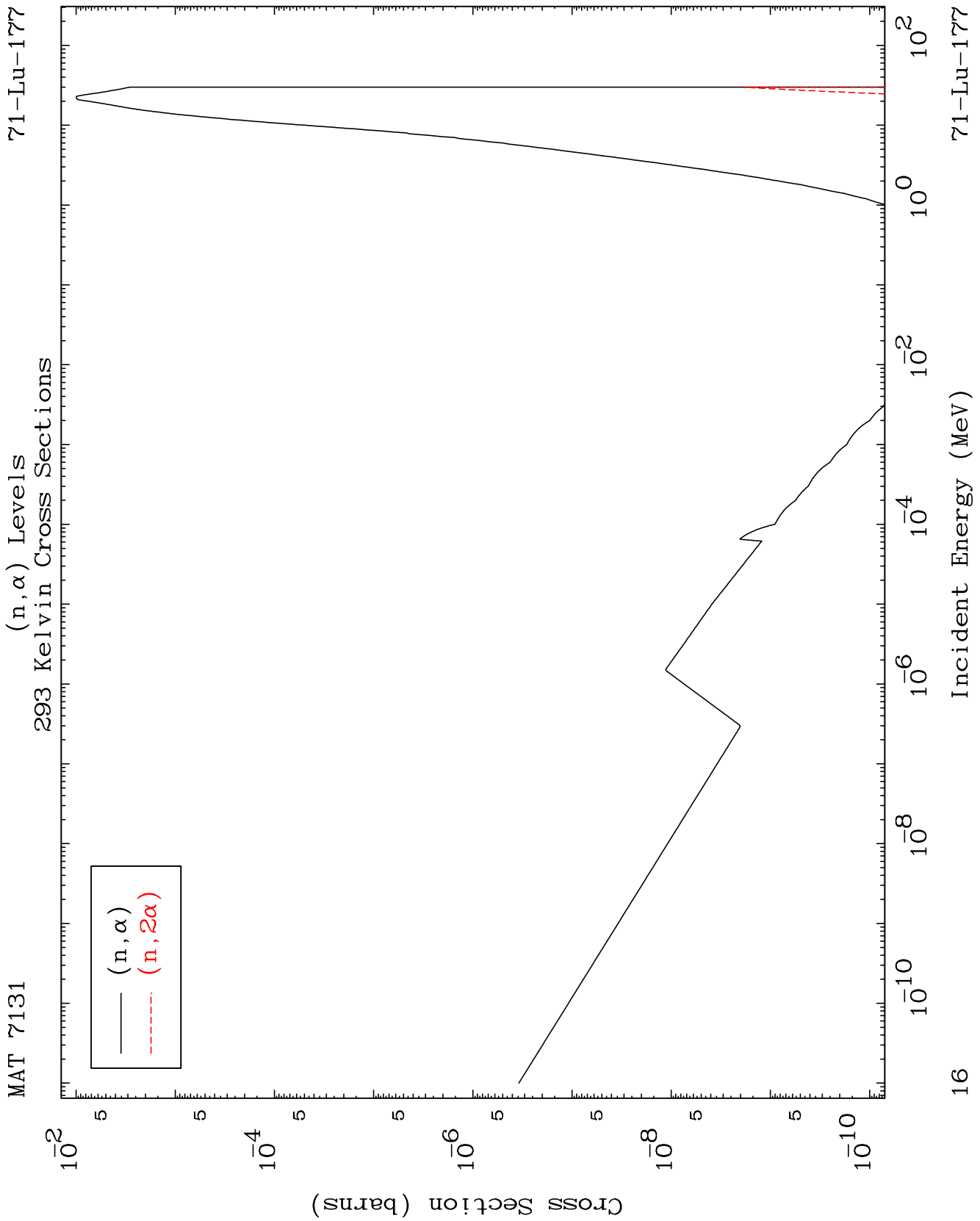
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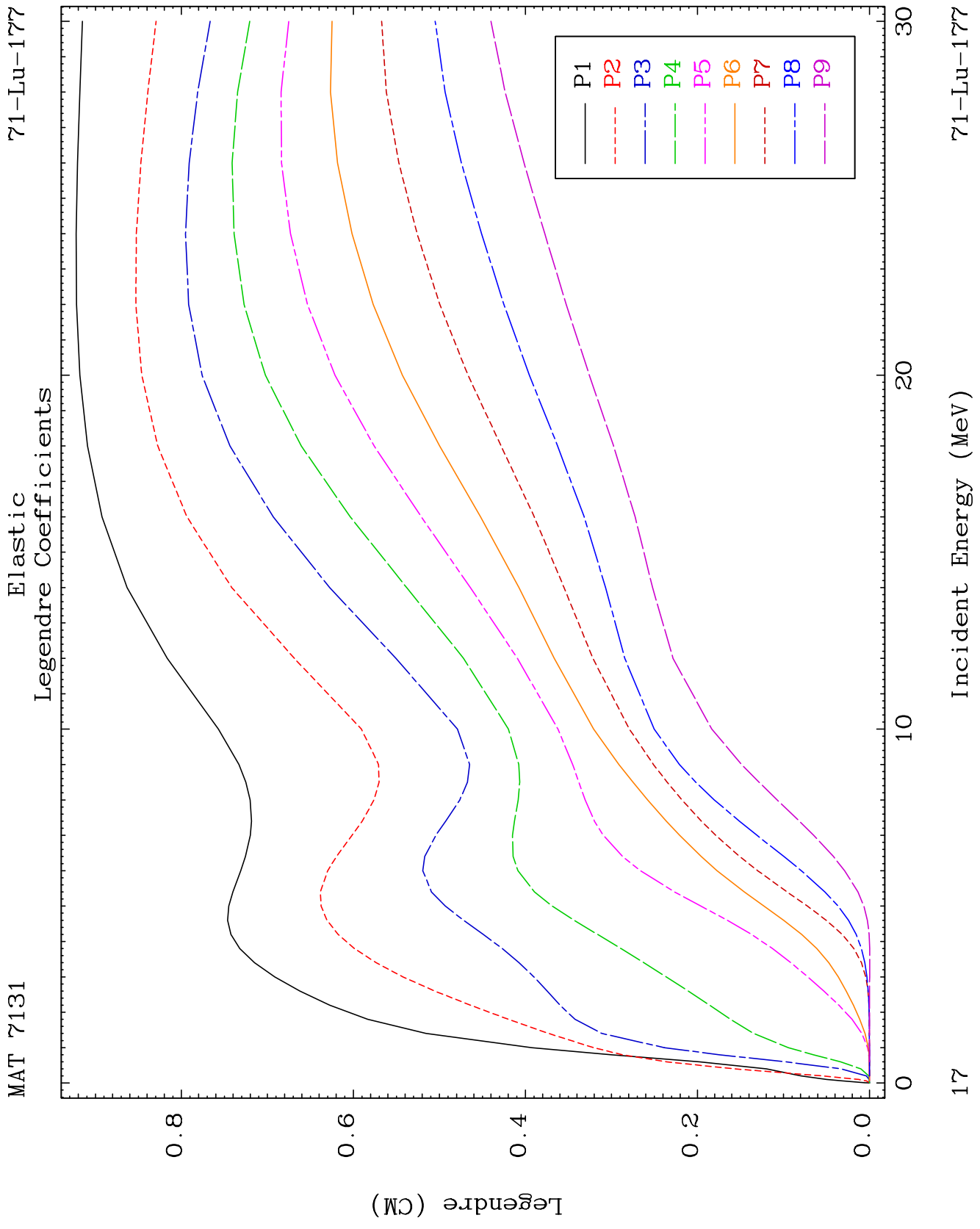


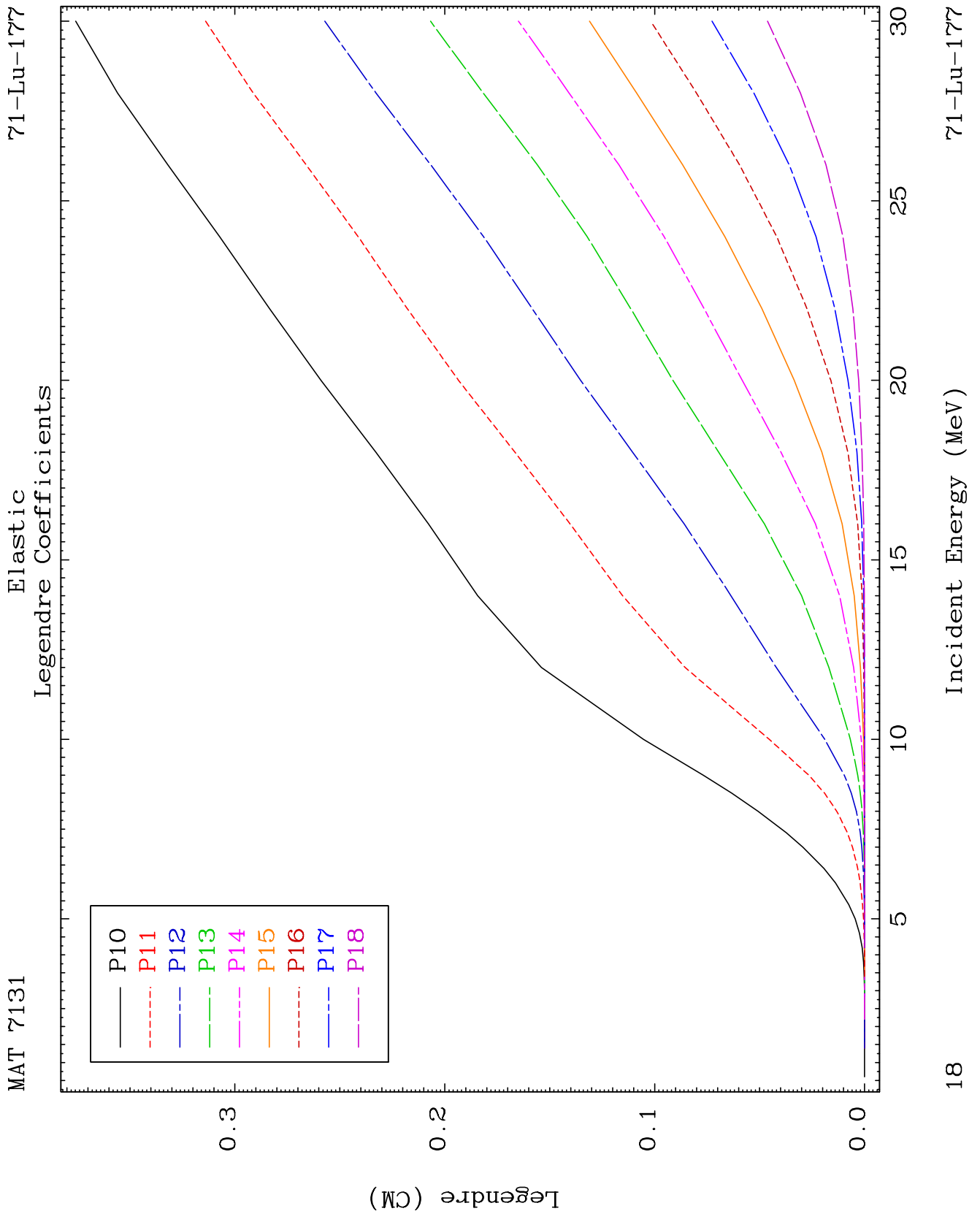
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Incident Energy (MeV)

71-Lu-177



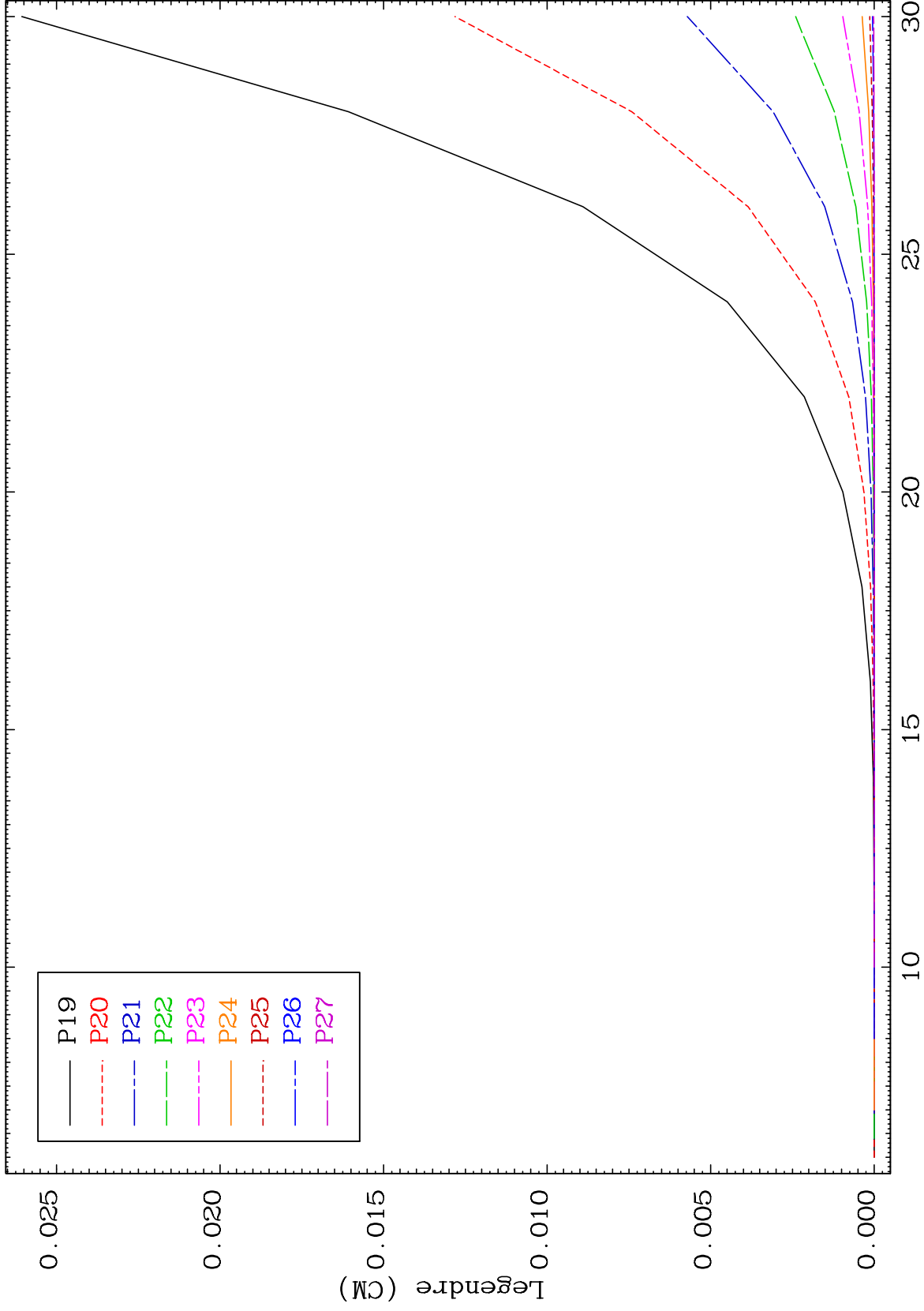




MAT 7131

Elastic
Legendre Coefficients

71-Lu-177



19

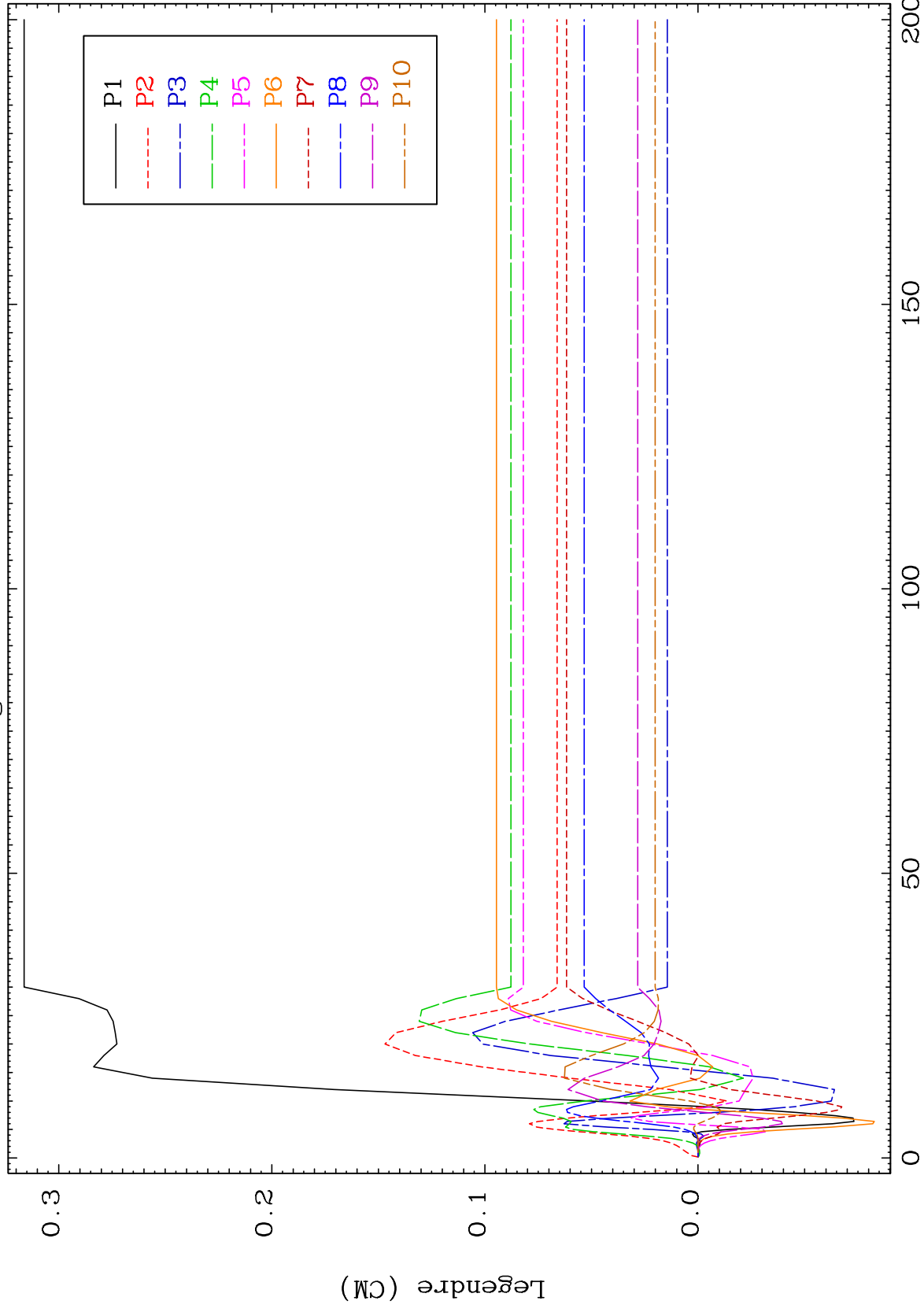
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

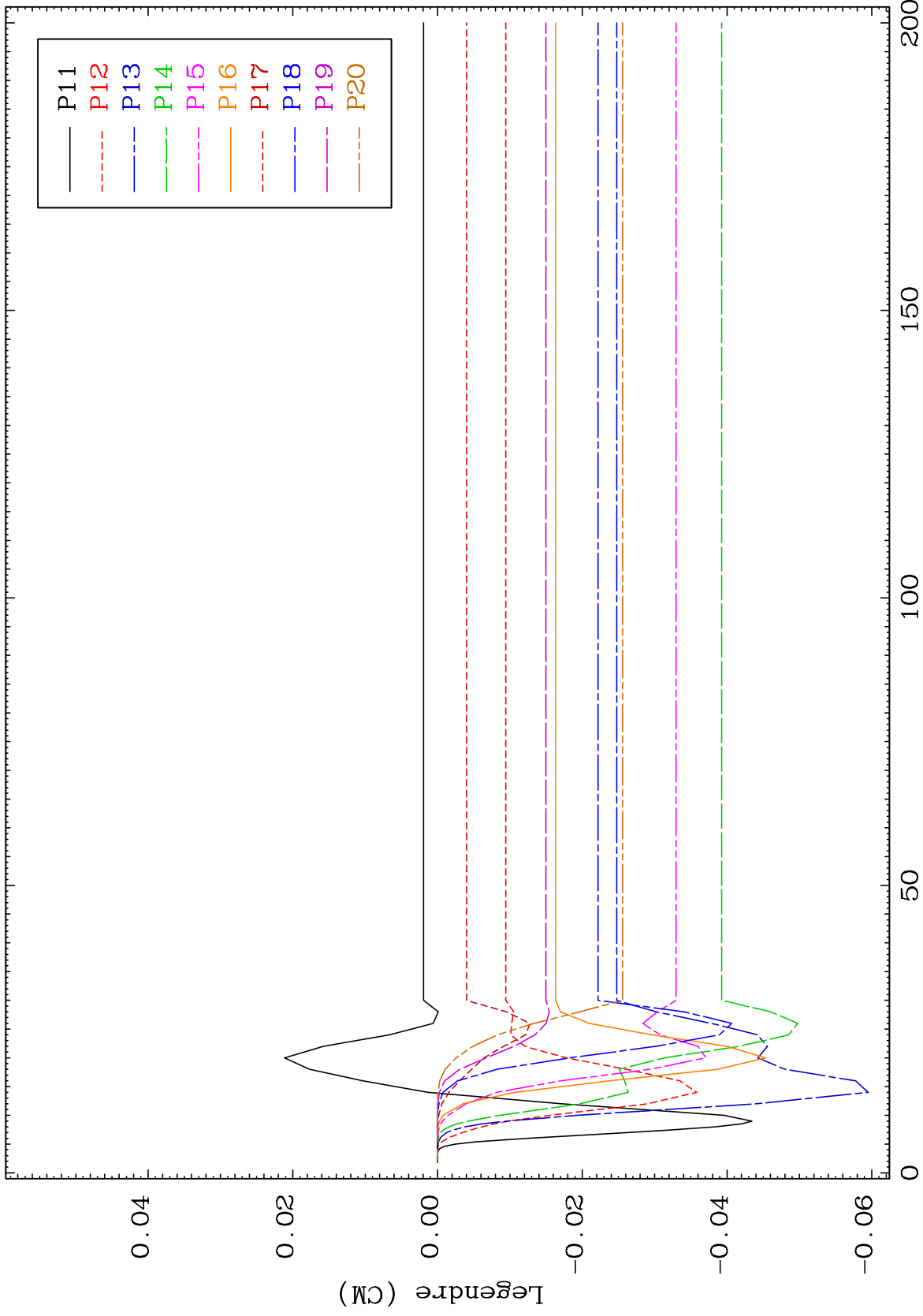
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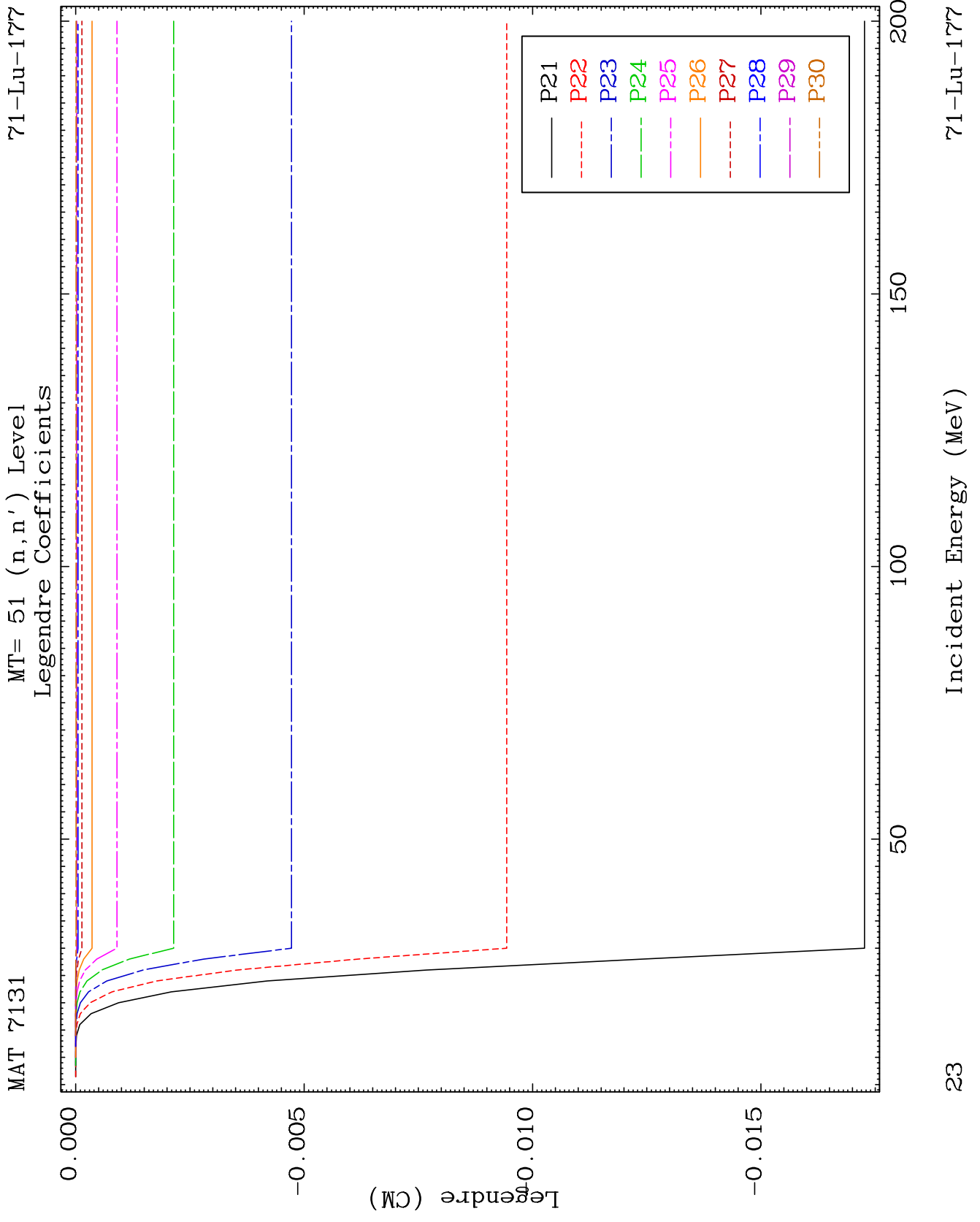


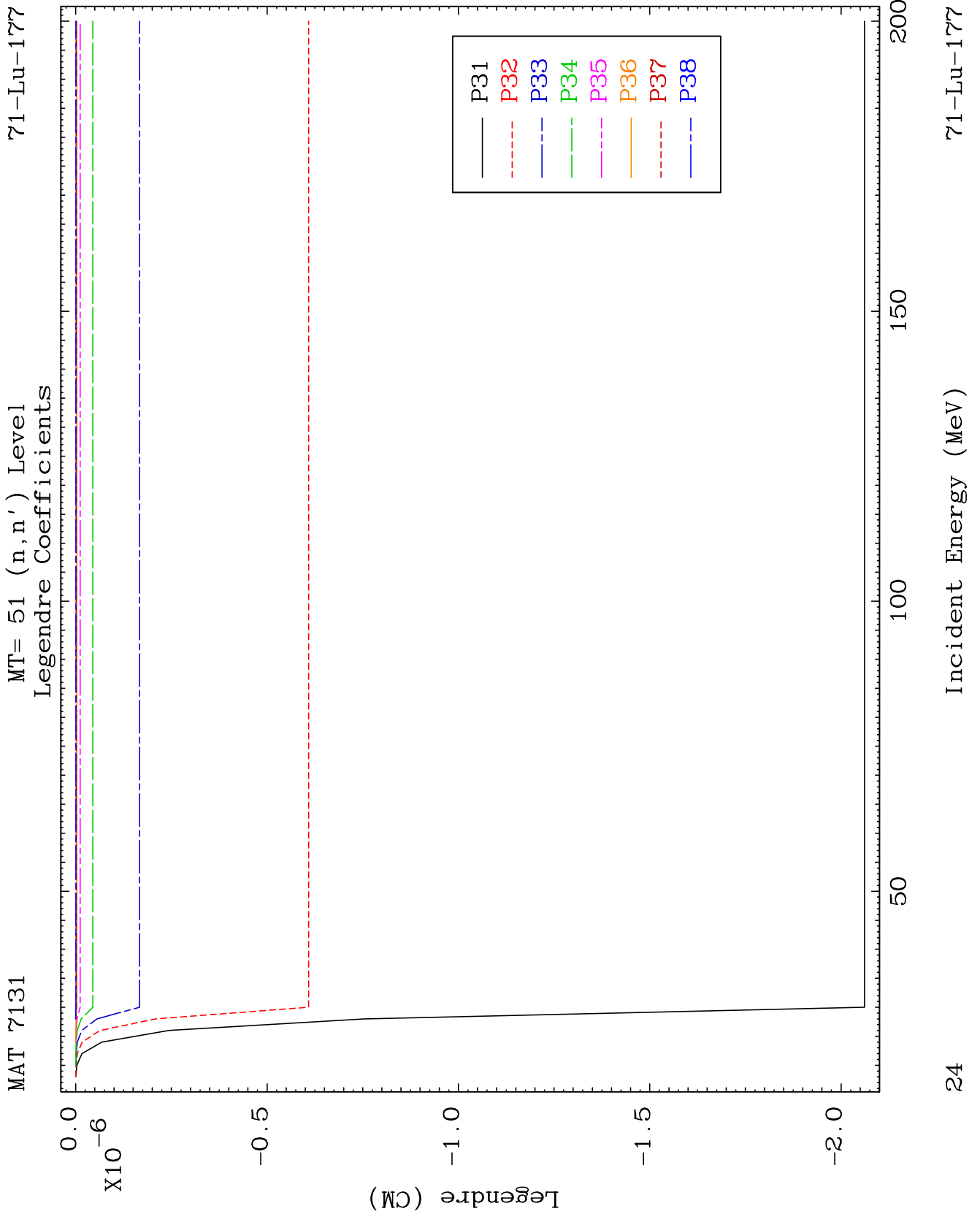
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Incident Energy (MeV)

71-Lu-177



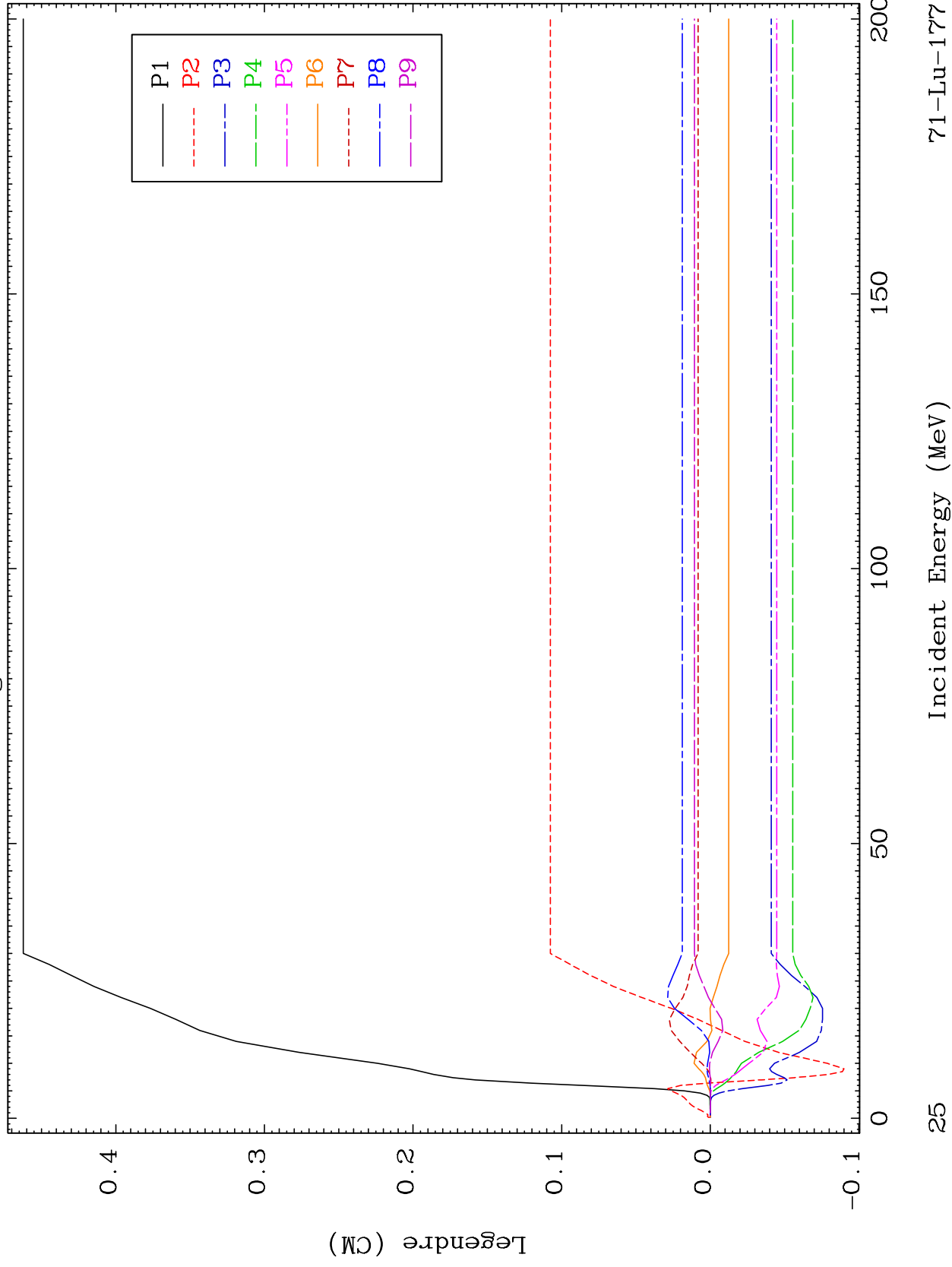




MAT 7131

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

71-Lu-177



71-Lu-177

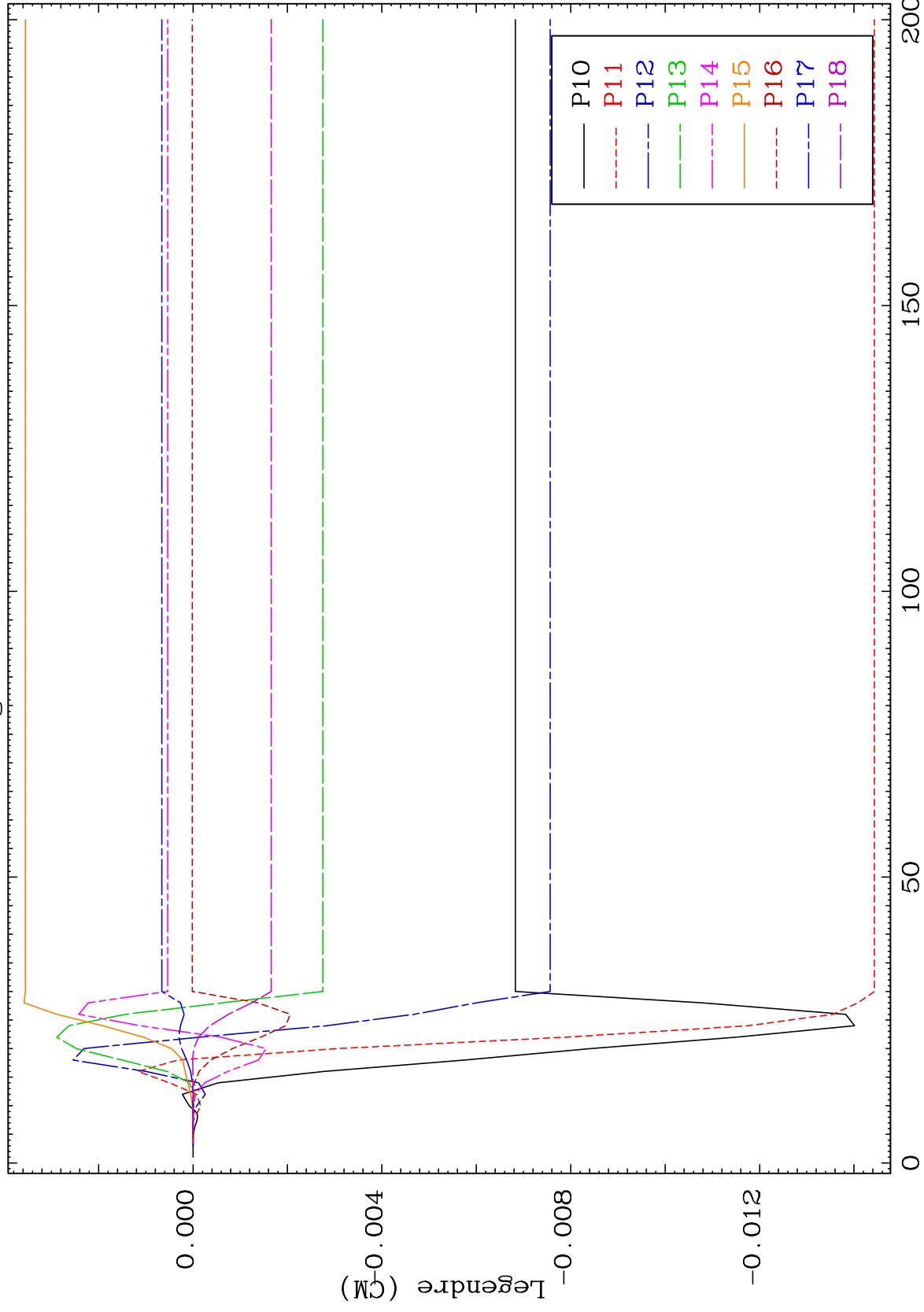
Incident Energy (MeV)

25

MAT 7131

71-Lu-177

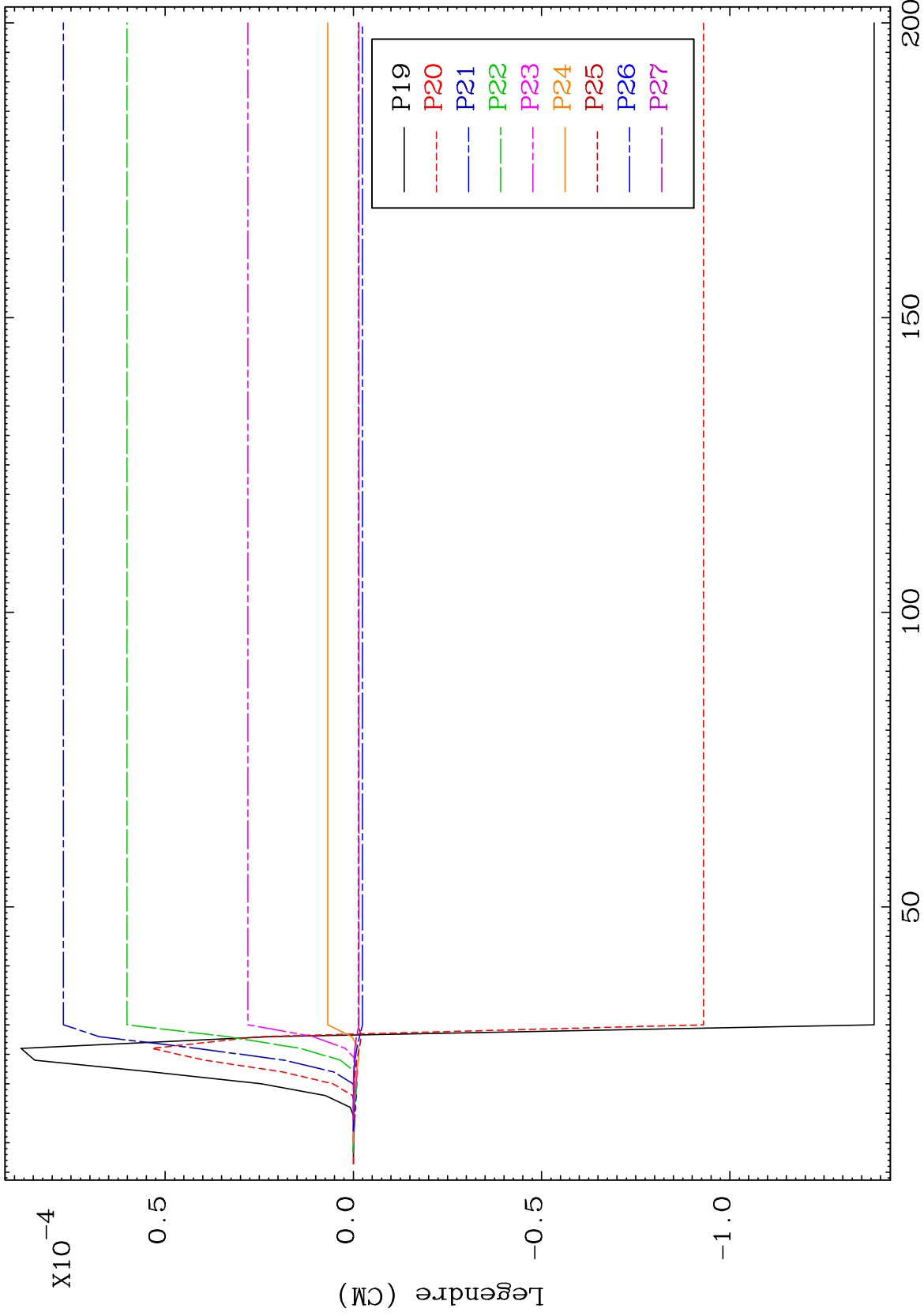
MT= 52 (n,n') Level
Legendre Coefficients



26

Incident Energy (MeV)

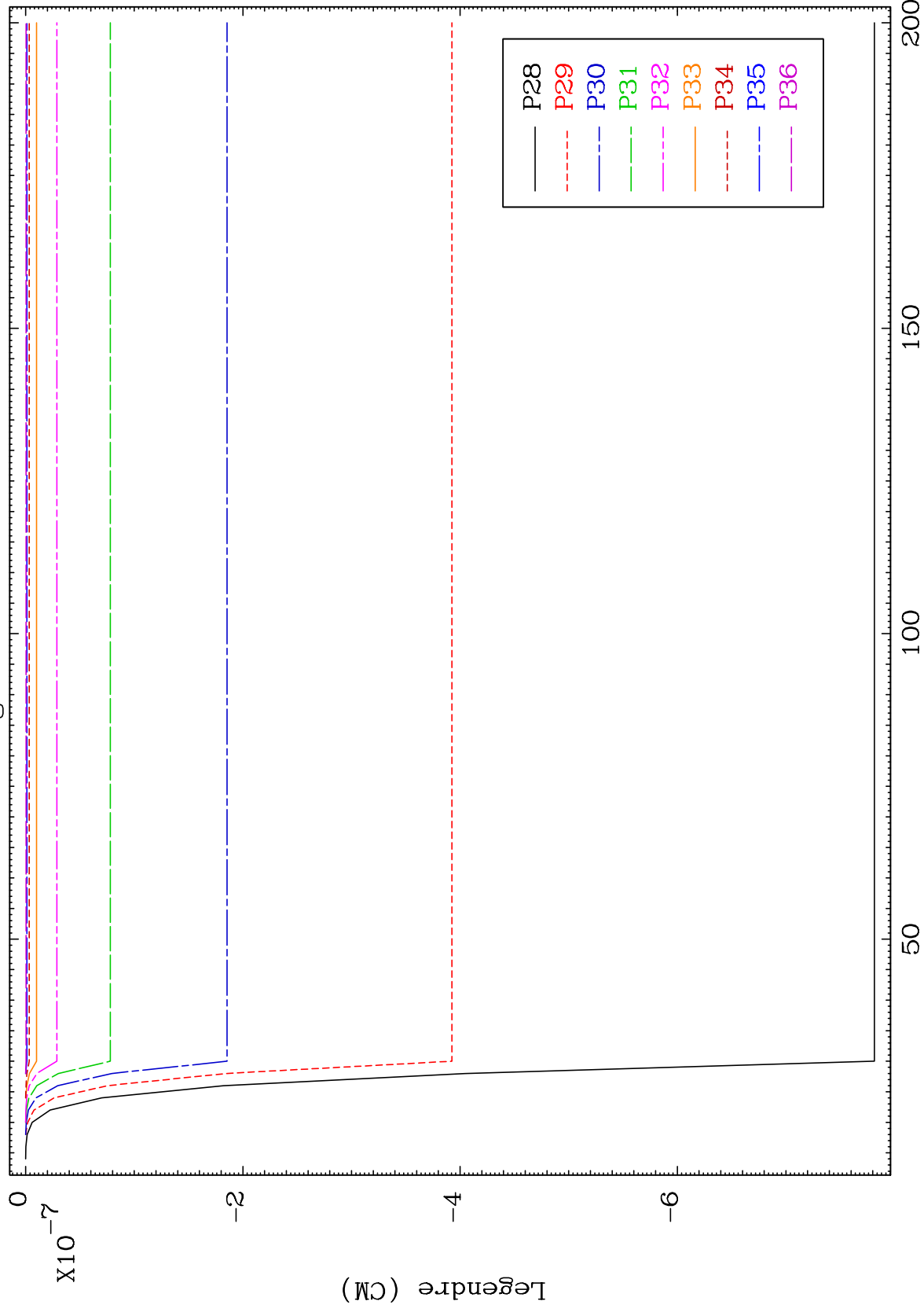
71-Lu-177



MAT 7131

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

71-Lu-177



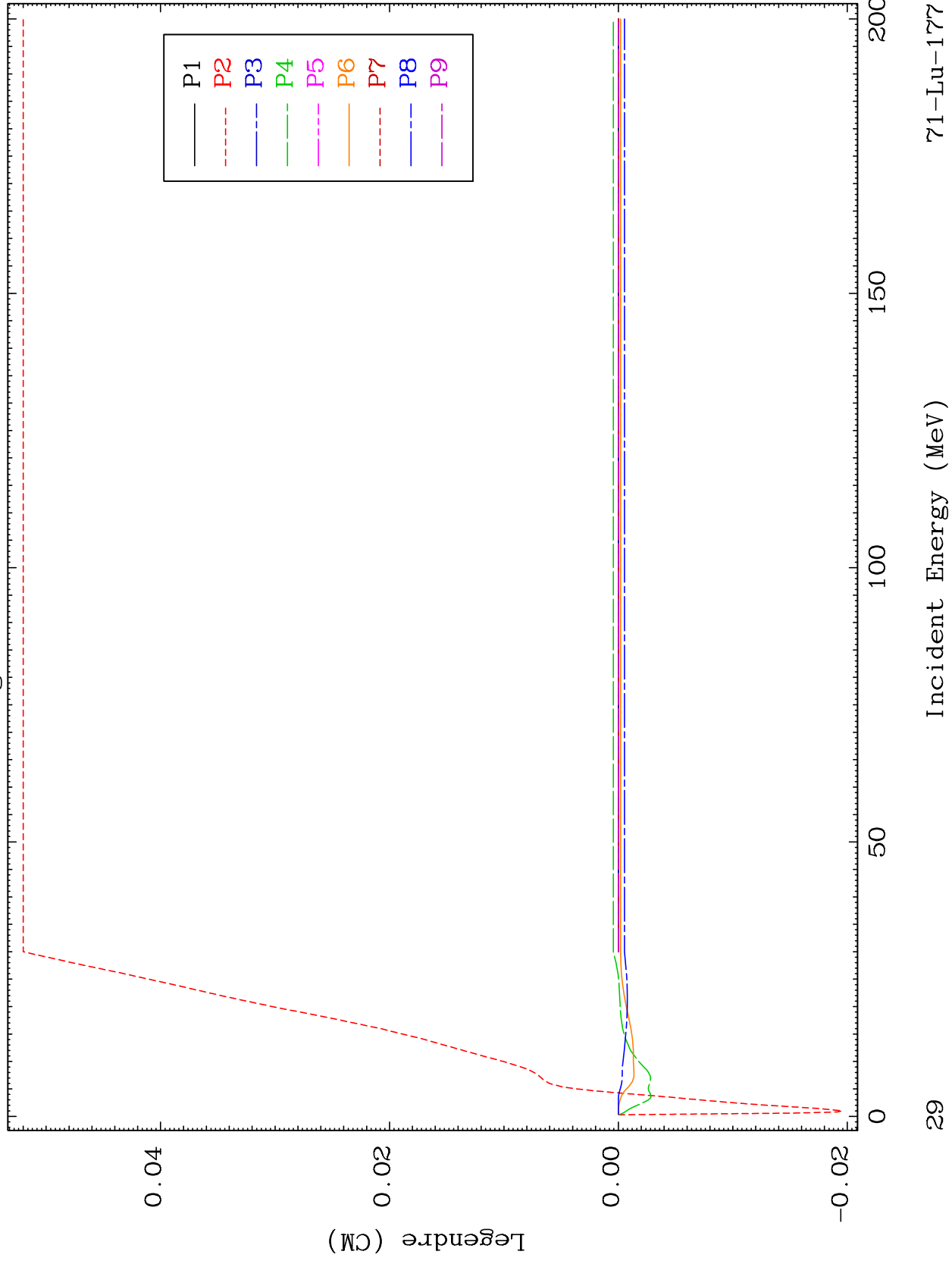
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71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

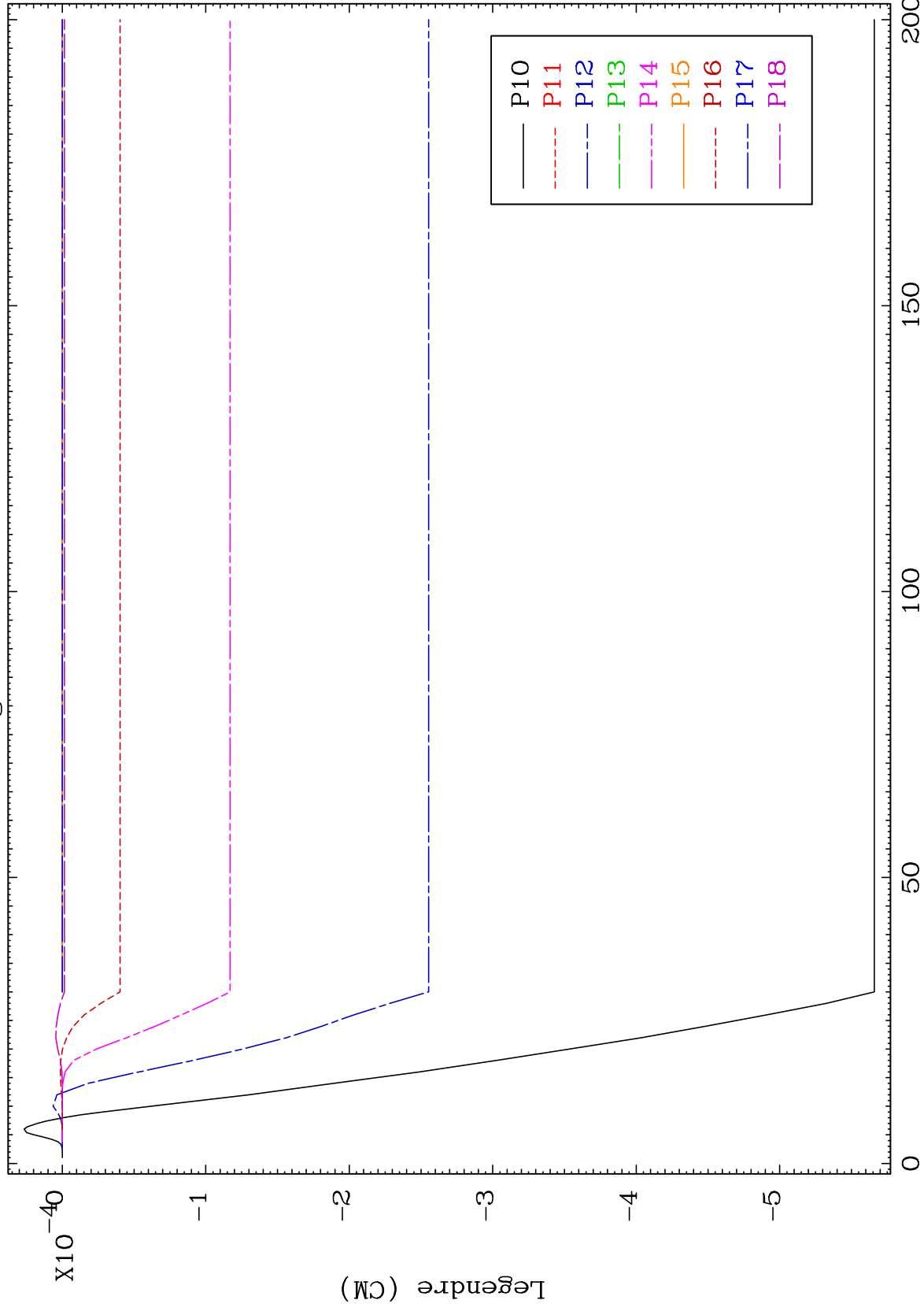
Incident Energy (MeV)

29

MAT 7131

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

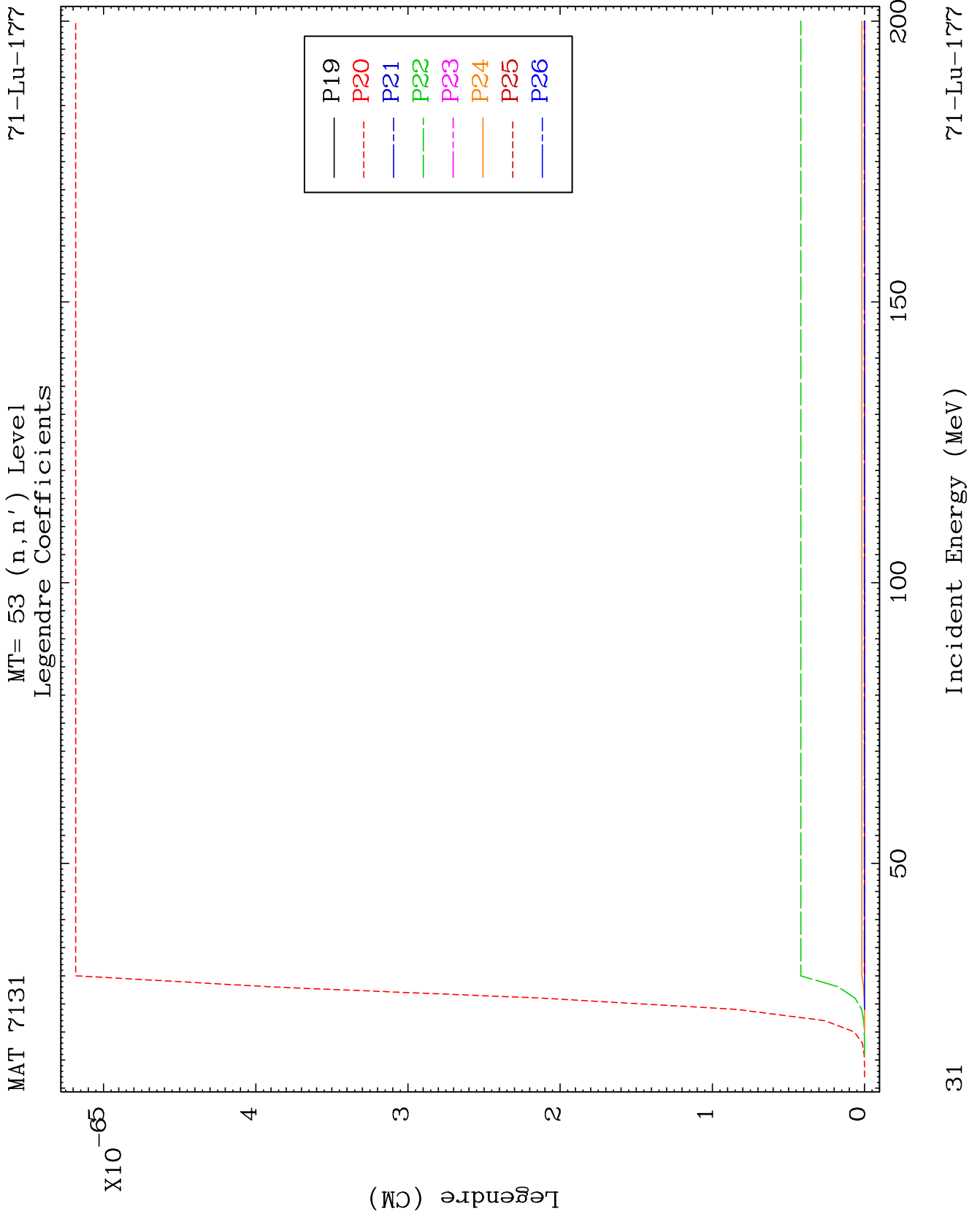
71-Lu-177



30

Incident Energy (MeV)

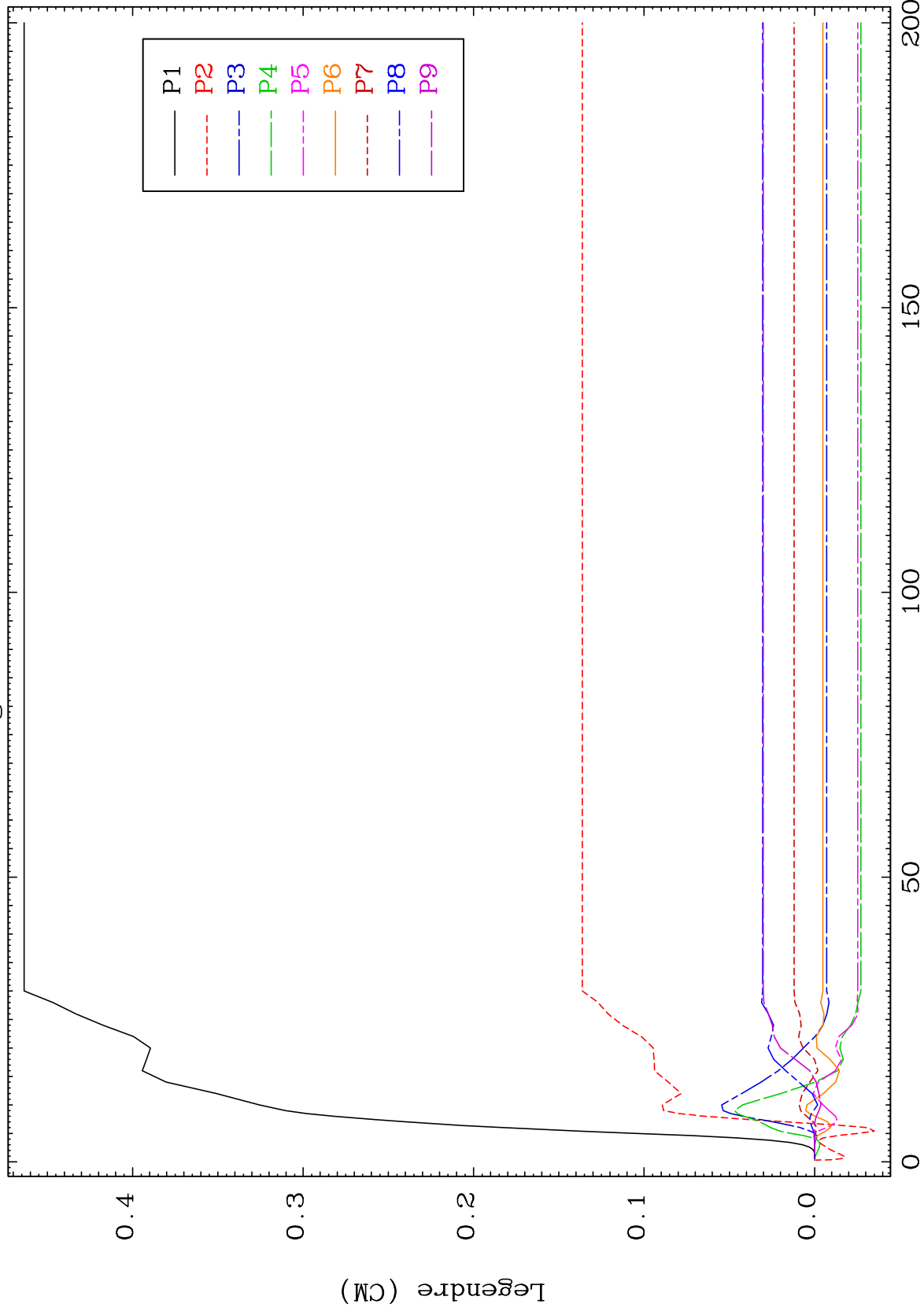
71-Lu-177



MAT 7131

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

71-Lu-177



71-Lu-177

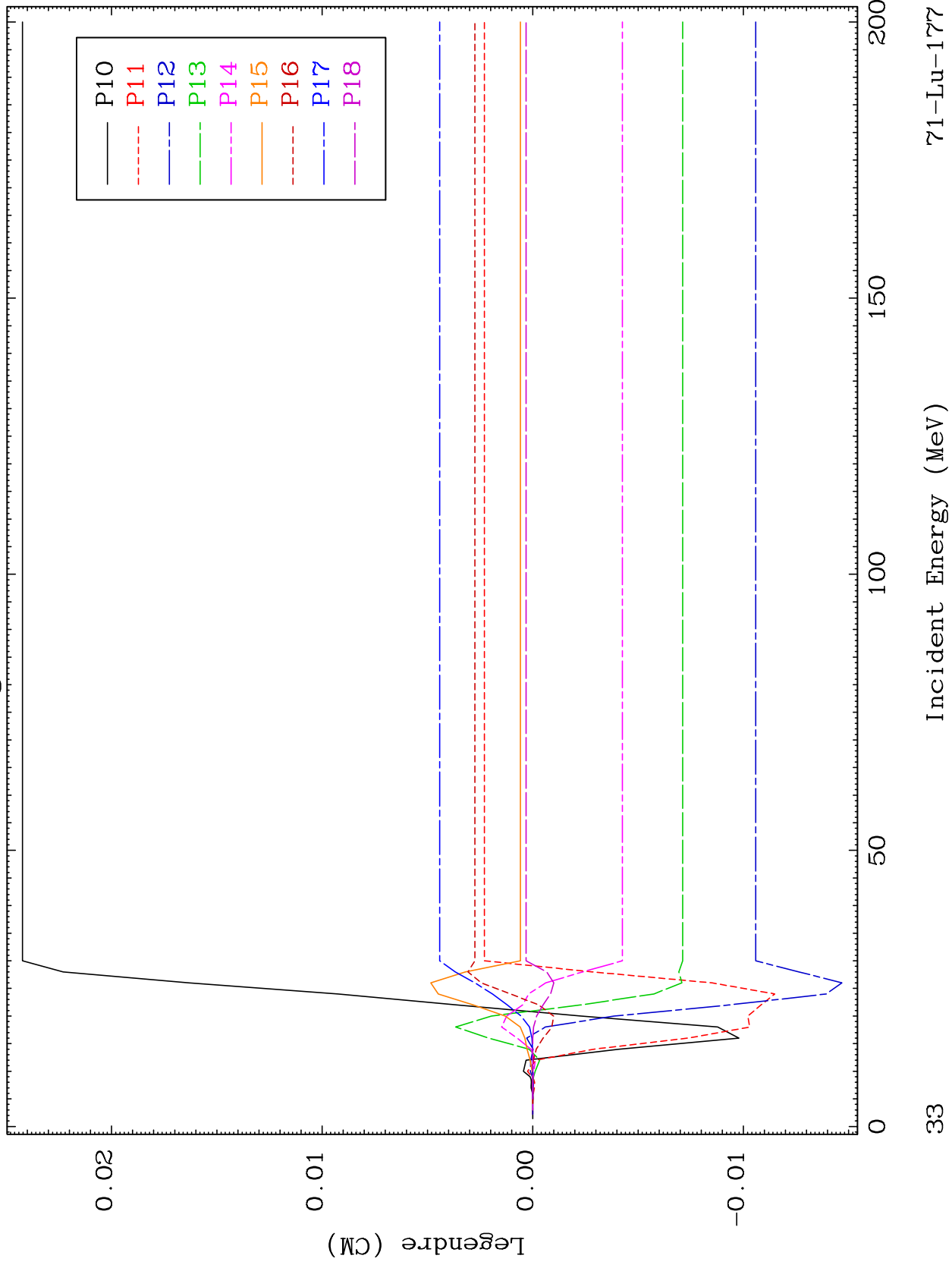
Incident Energy (MeV)

32

MAT 7131

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

71-Lu-177



33

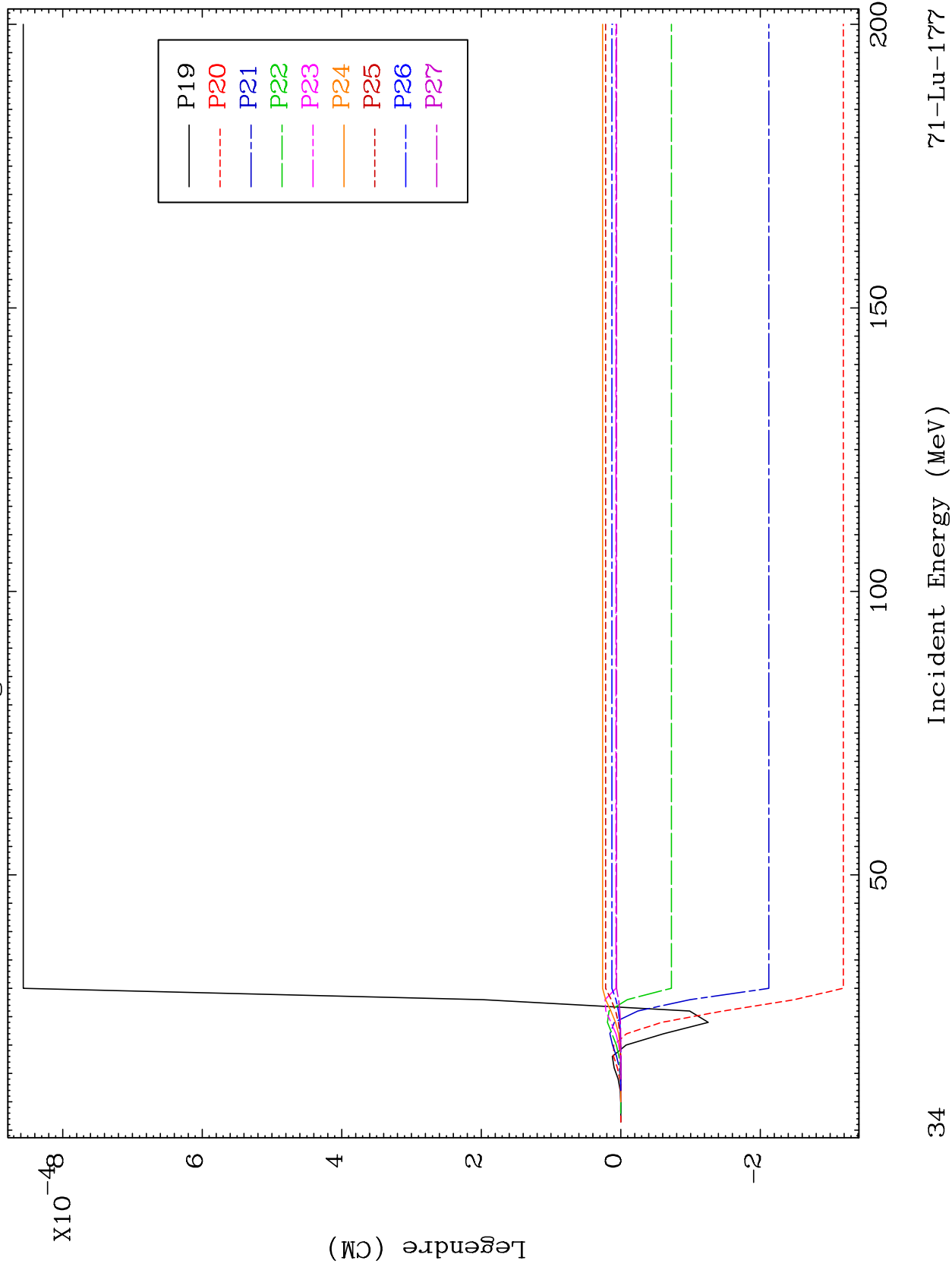
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



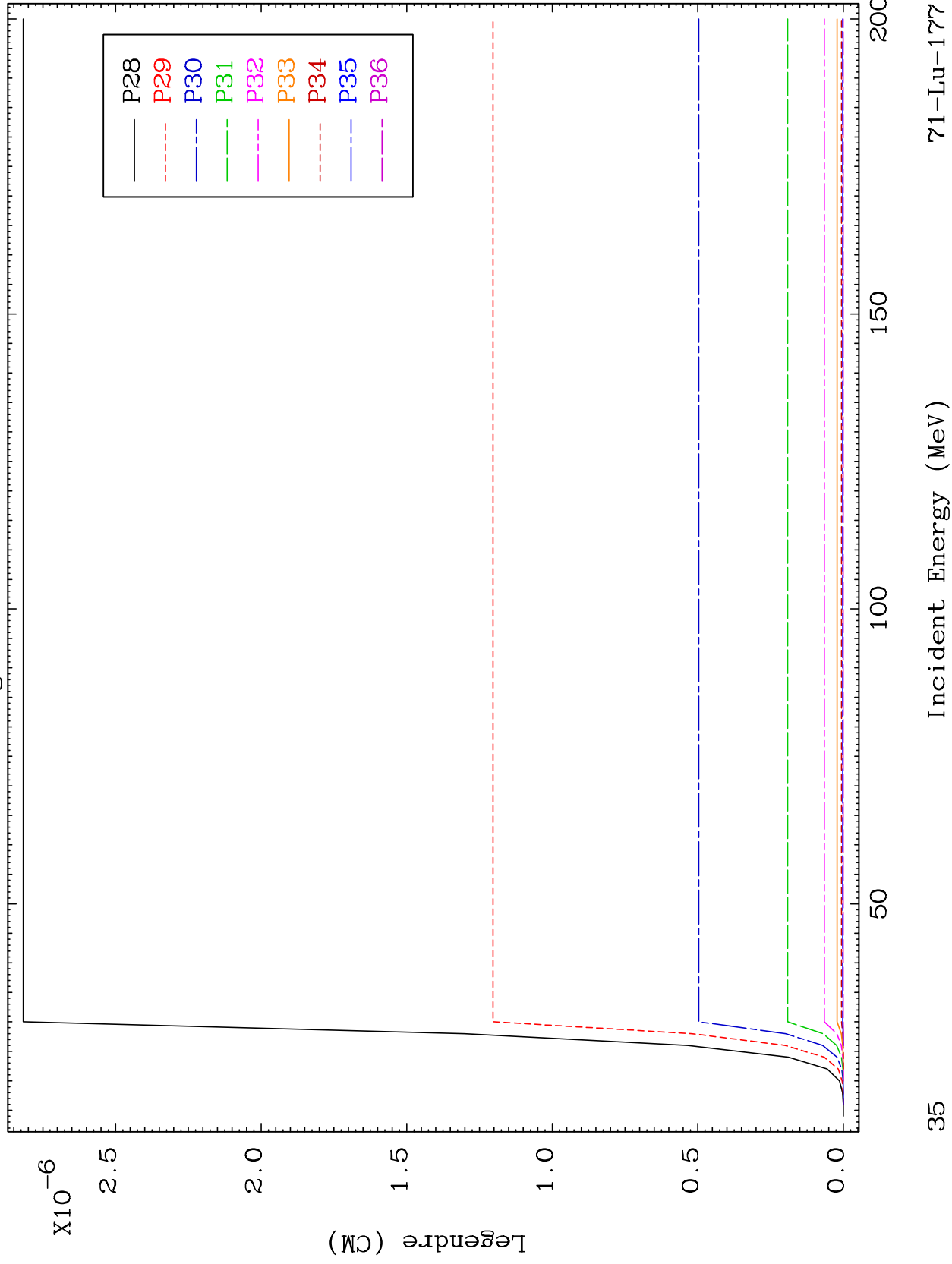
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71-Lu-177

MAT 7131

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

71-Lu-177



35

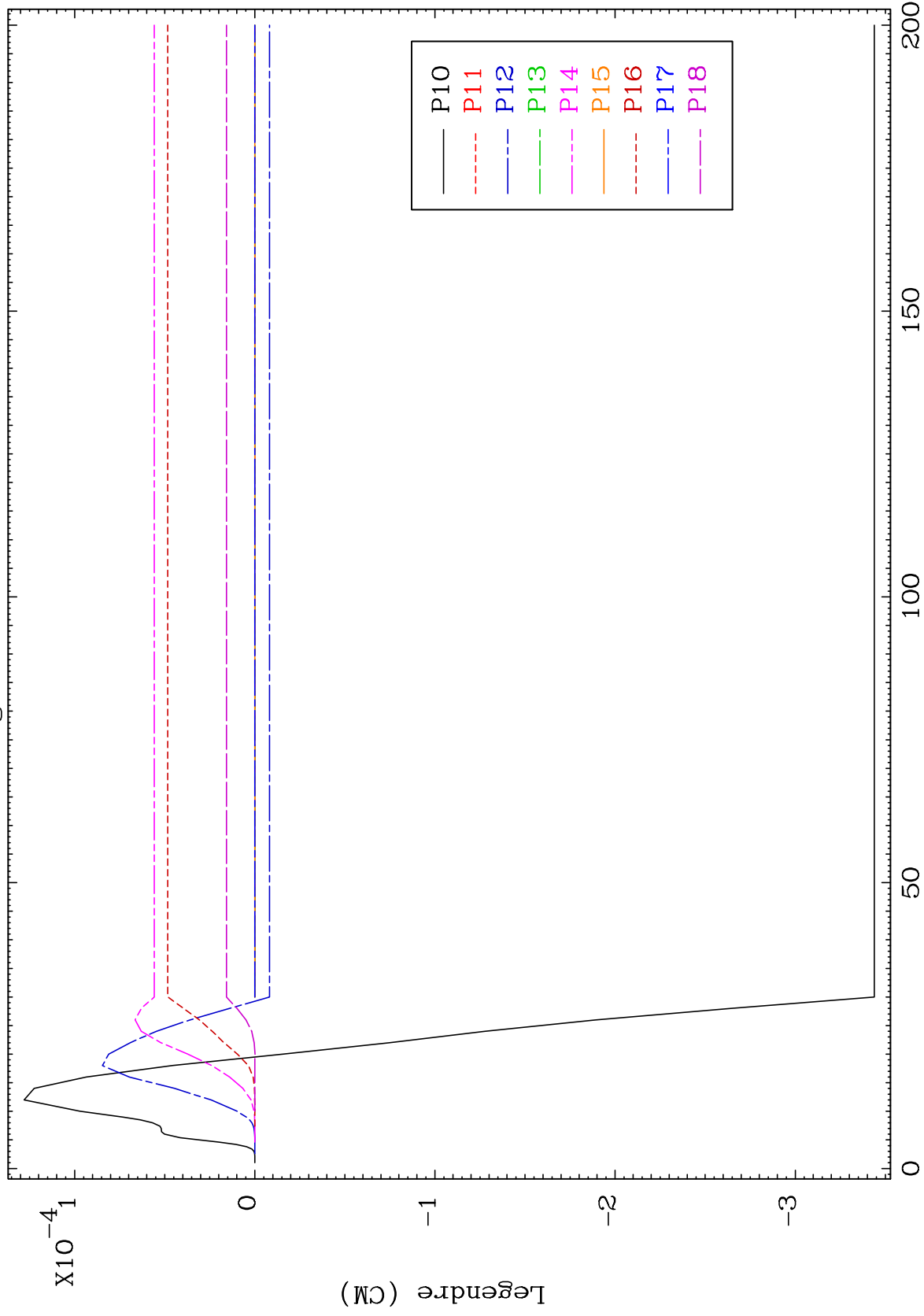
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

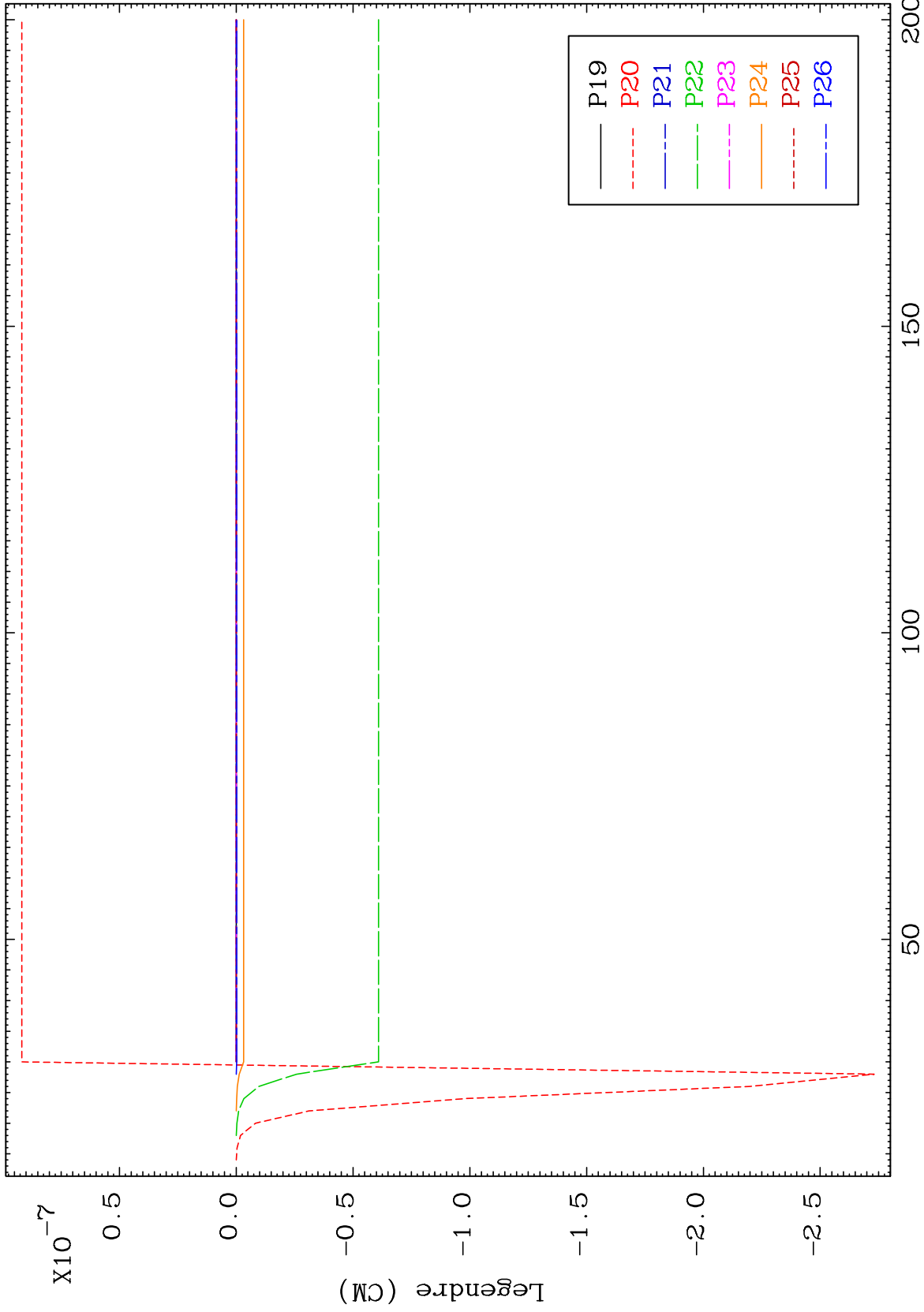
71-Lu-177



37

Incident Energy (MeV)

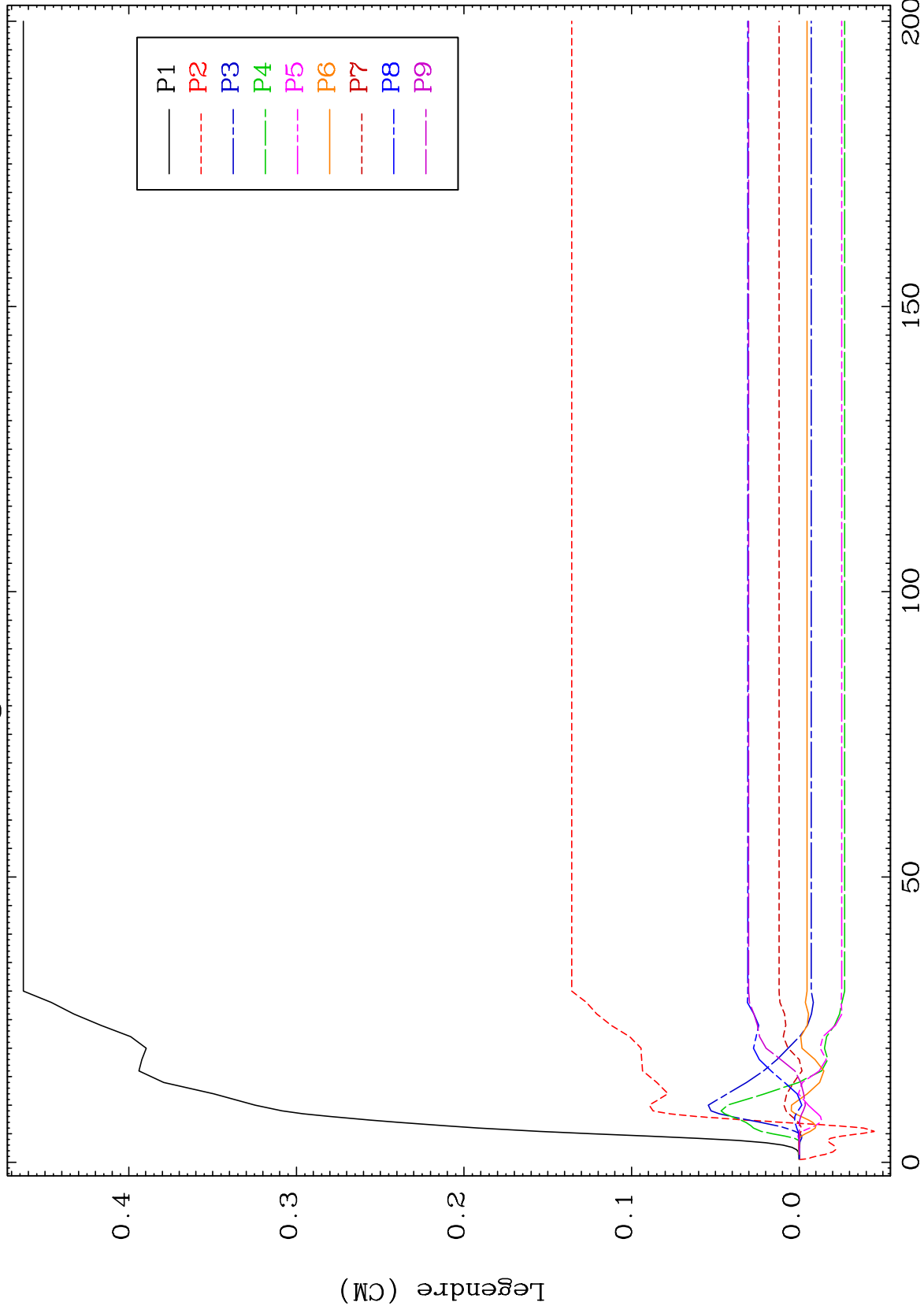
71-Lu-177



MAT 7131

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

71-Lu-177



39

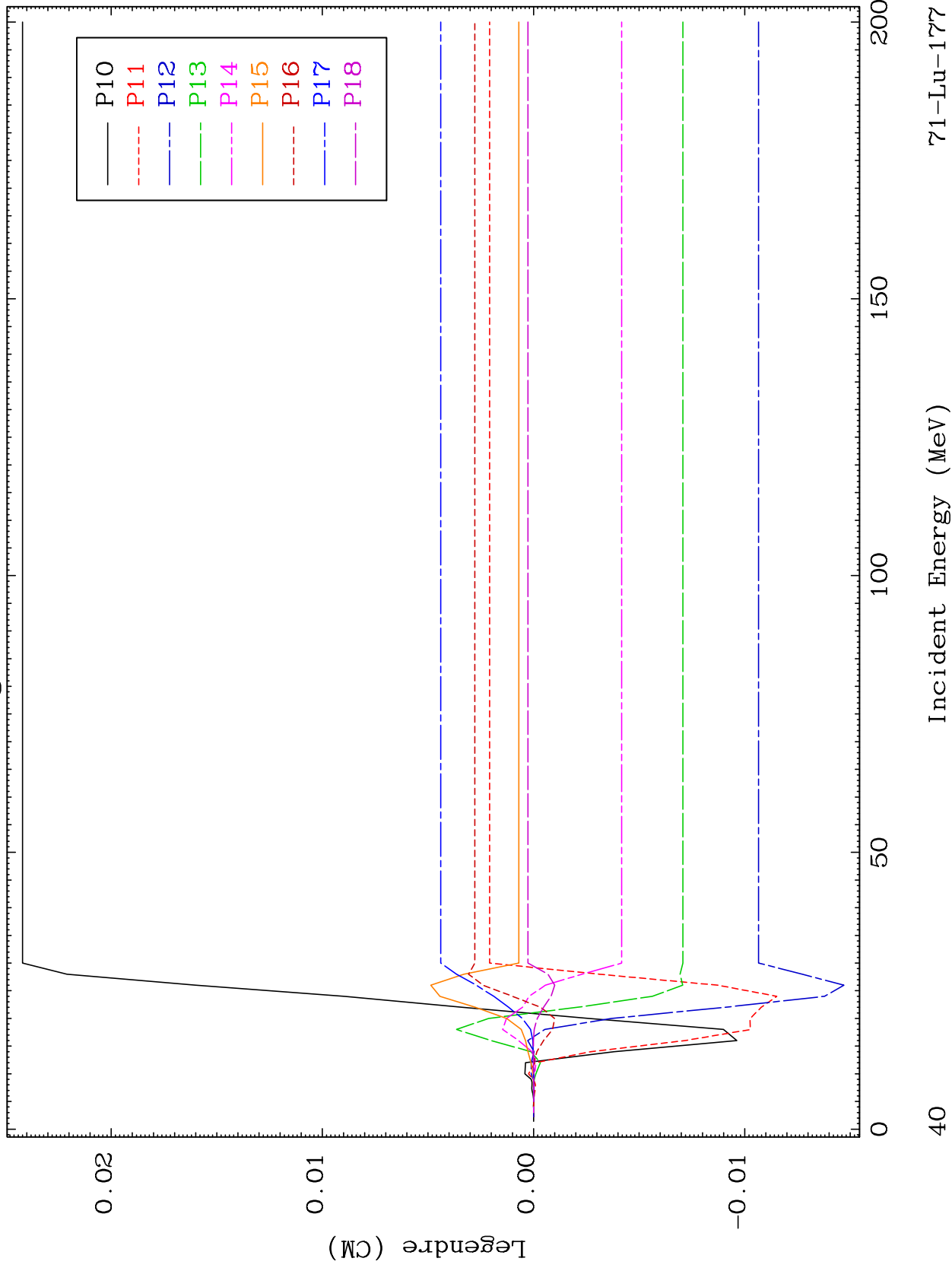
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

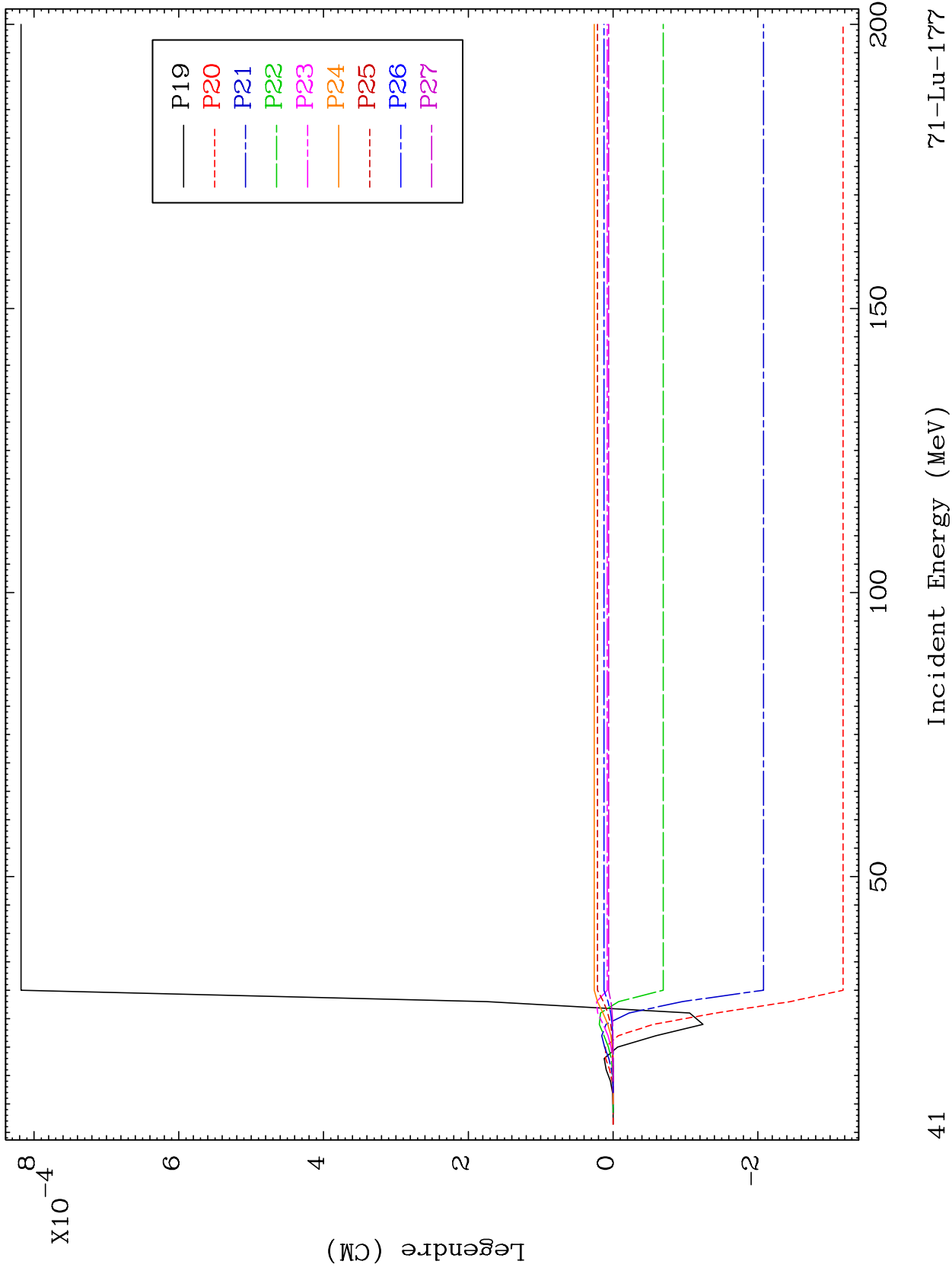
Incident Energy (MeV)

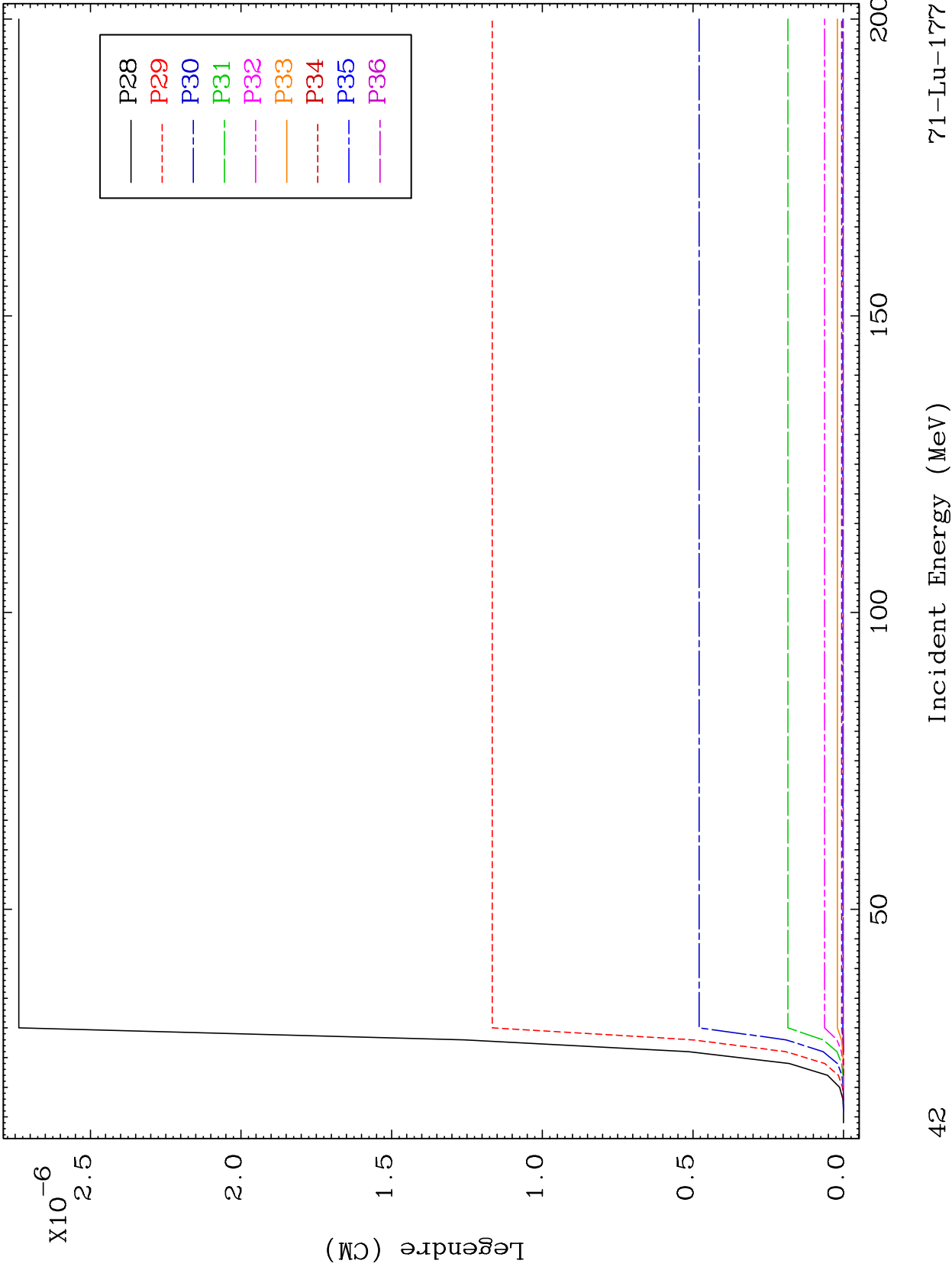
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MAT 7131

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

71-Lu-177

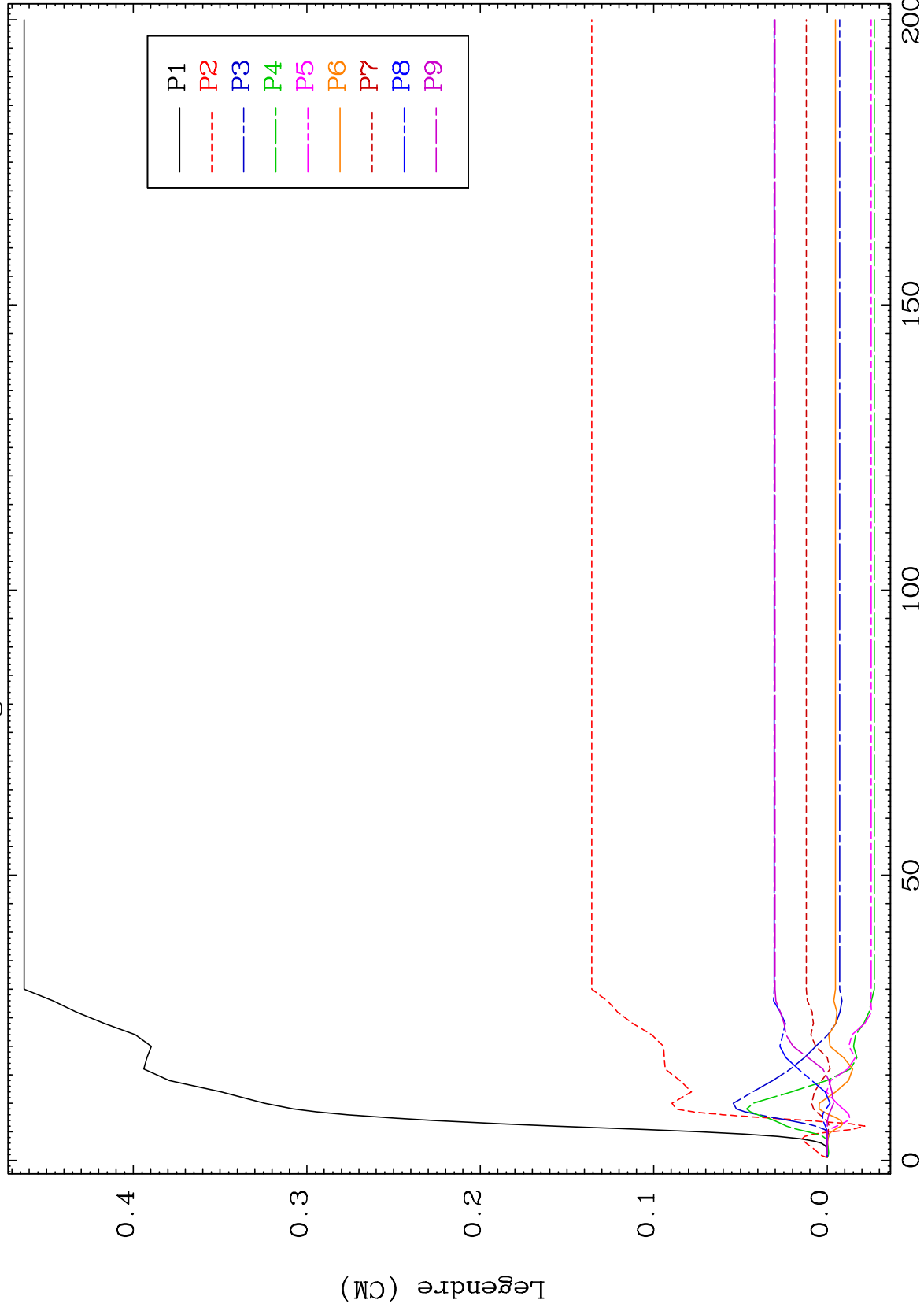




MAT 7131

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

71-Lu-177



43

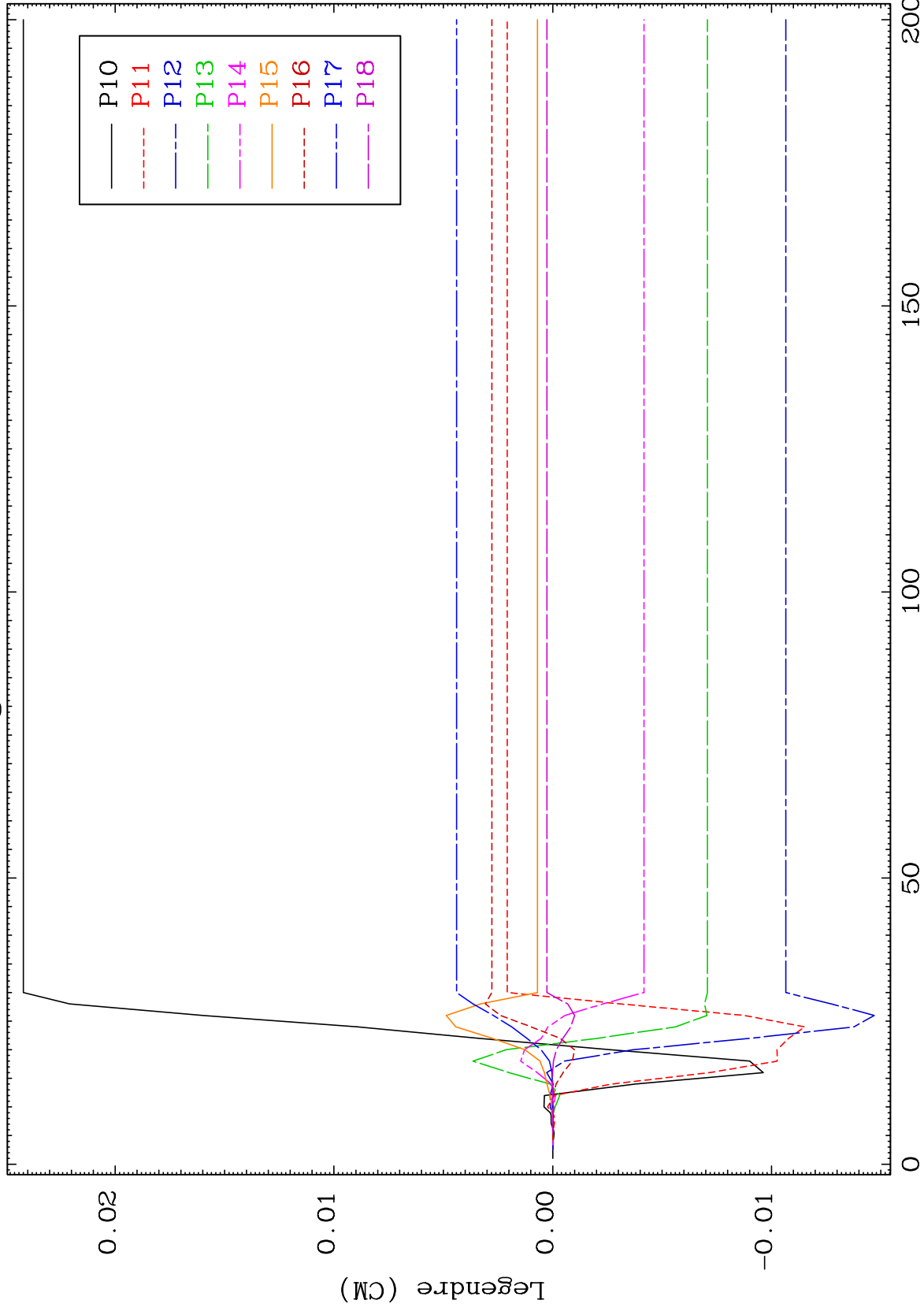
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



44

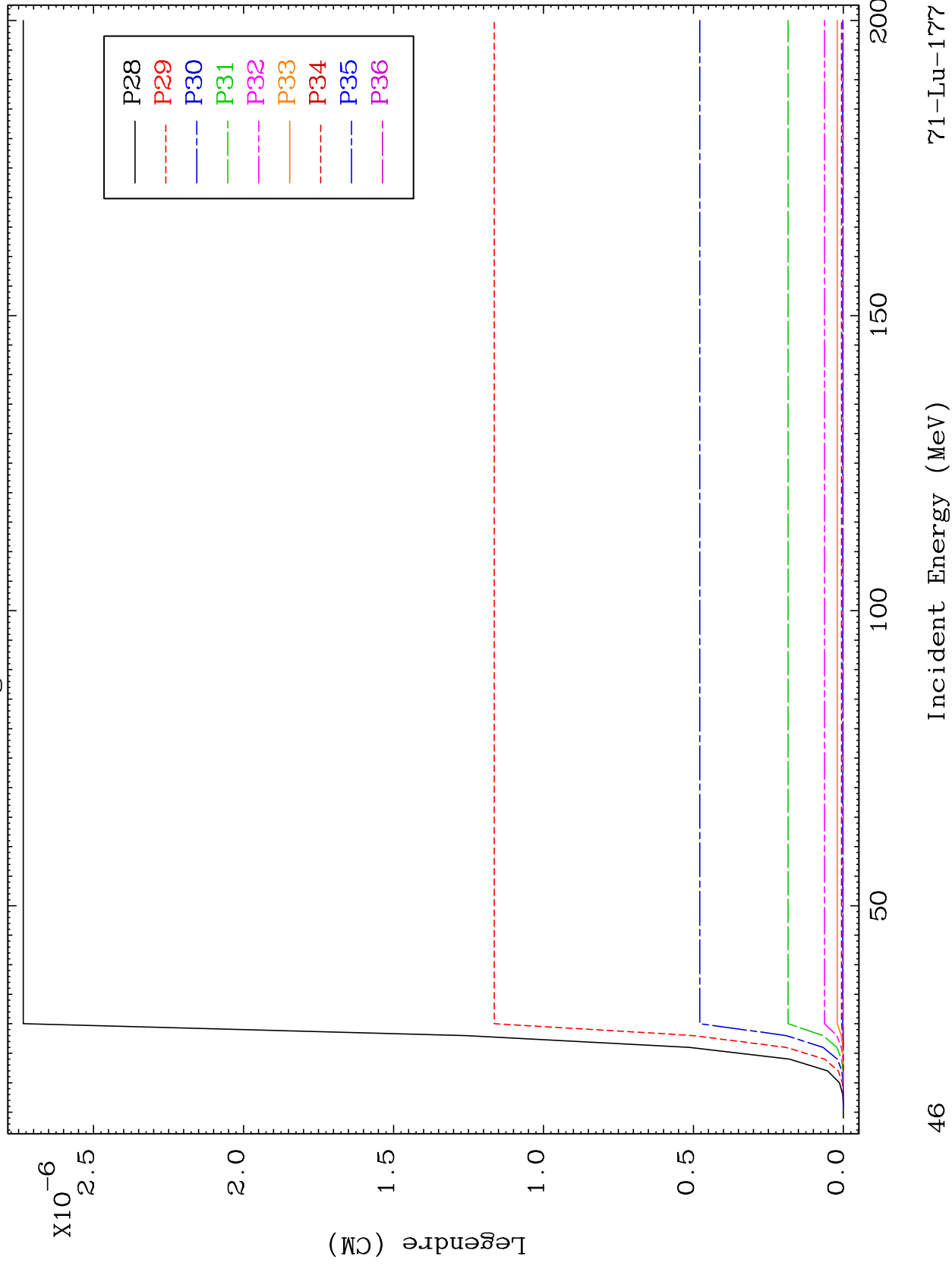
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



46

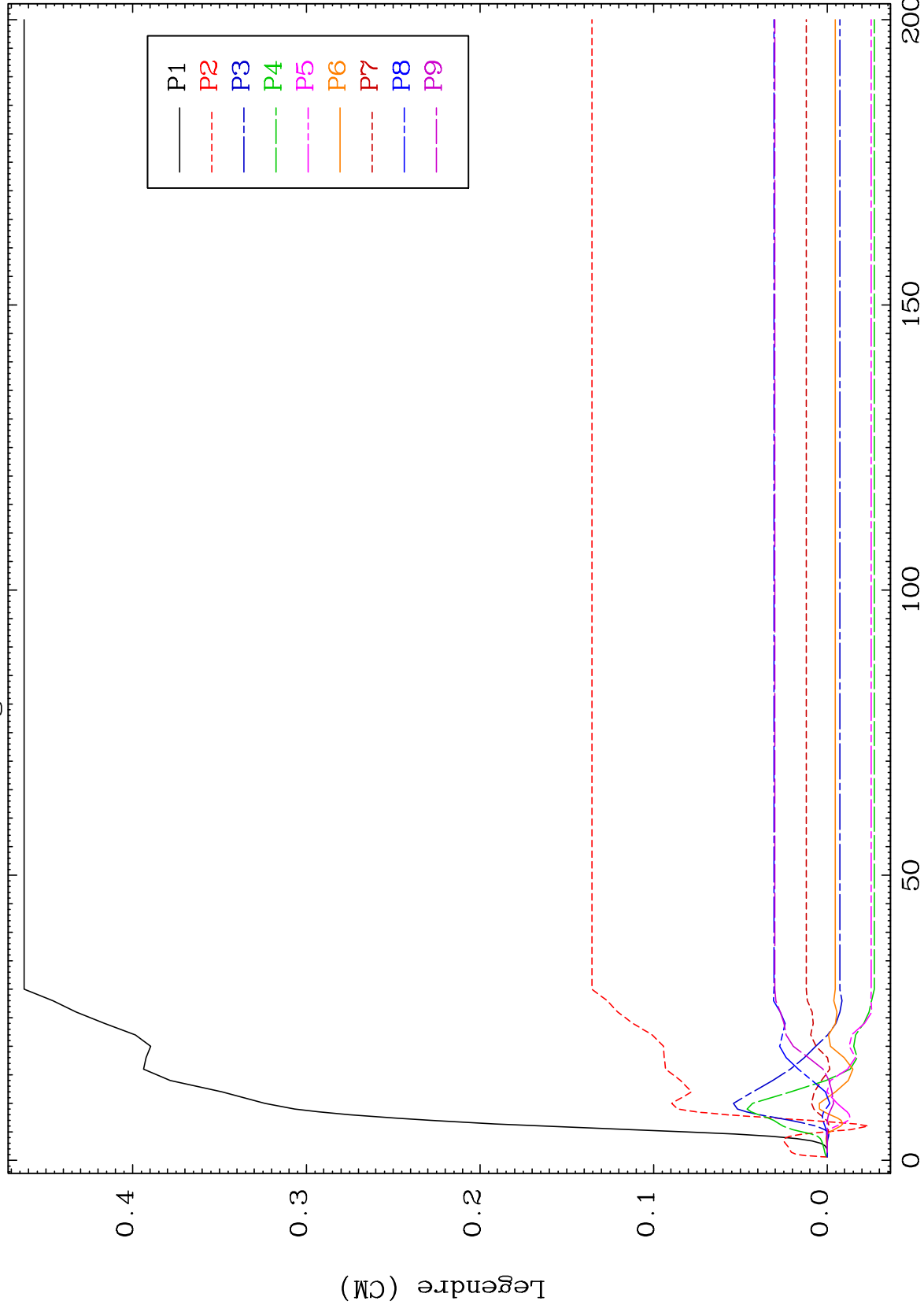
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



47

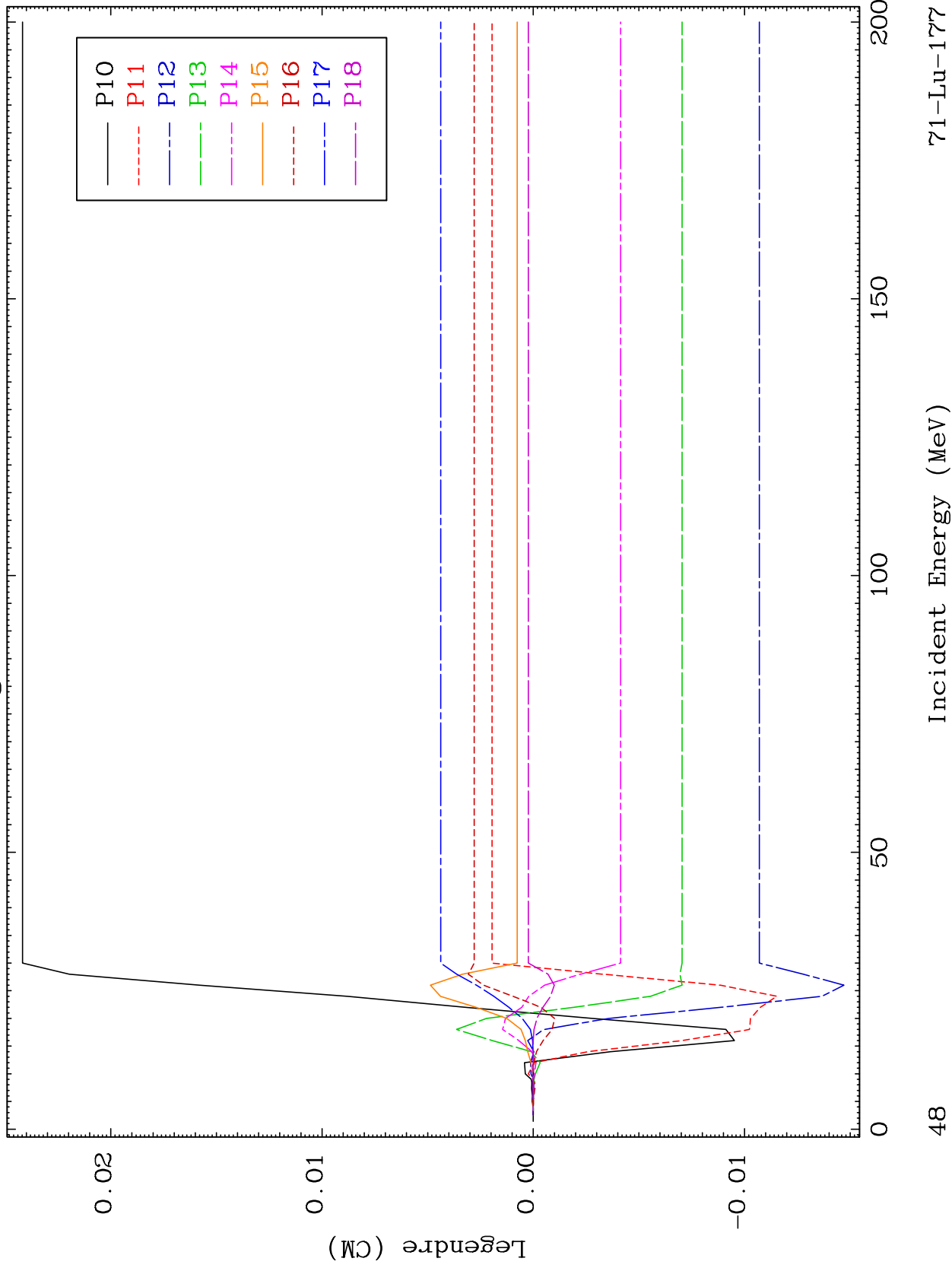
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

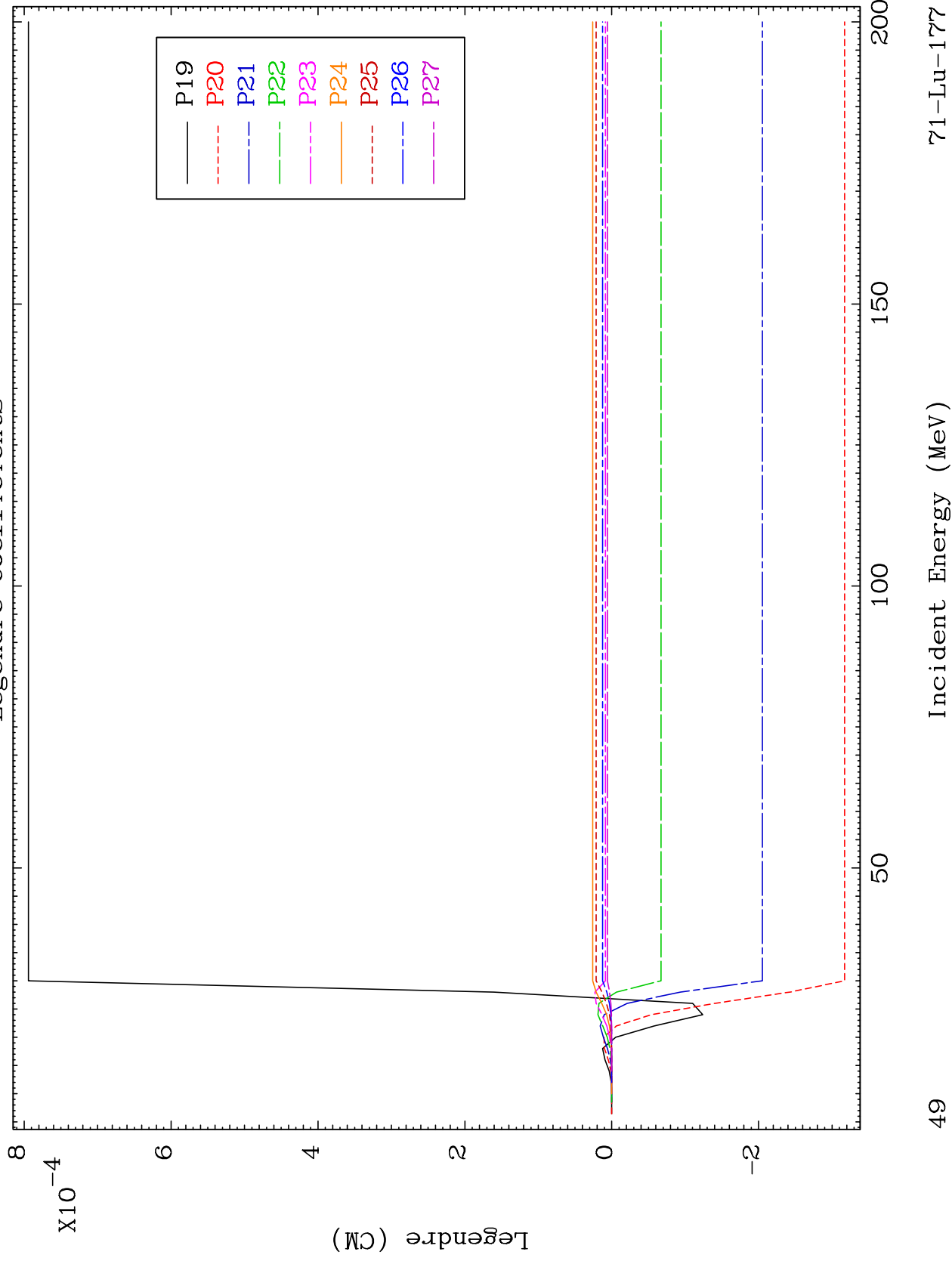
Incident Energy (MeV)

48

MAT 7131

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

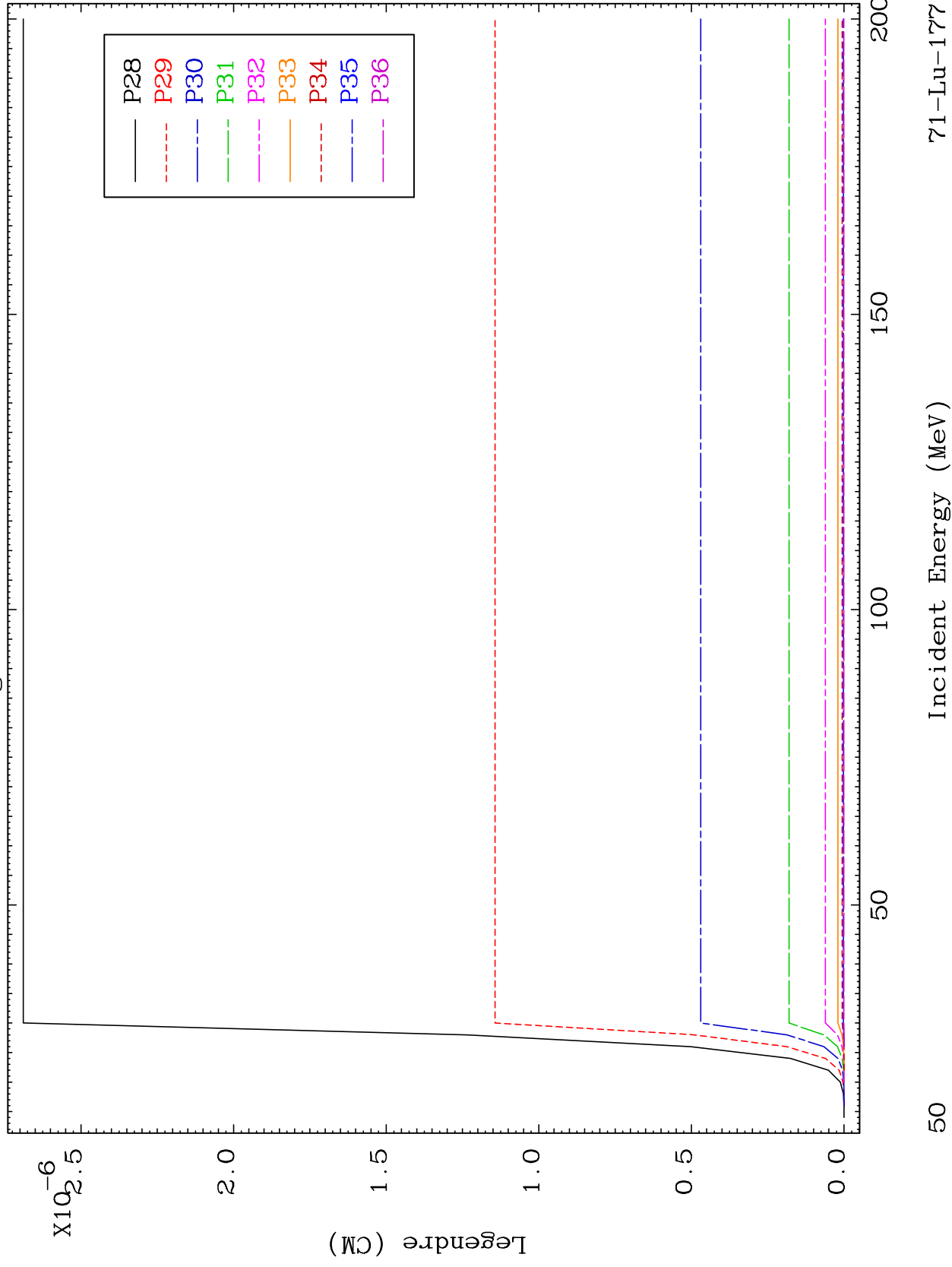
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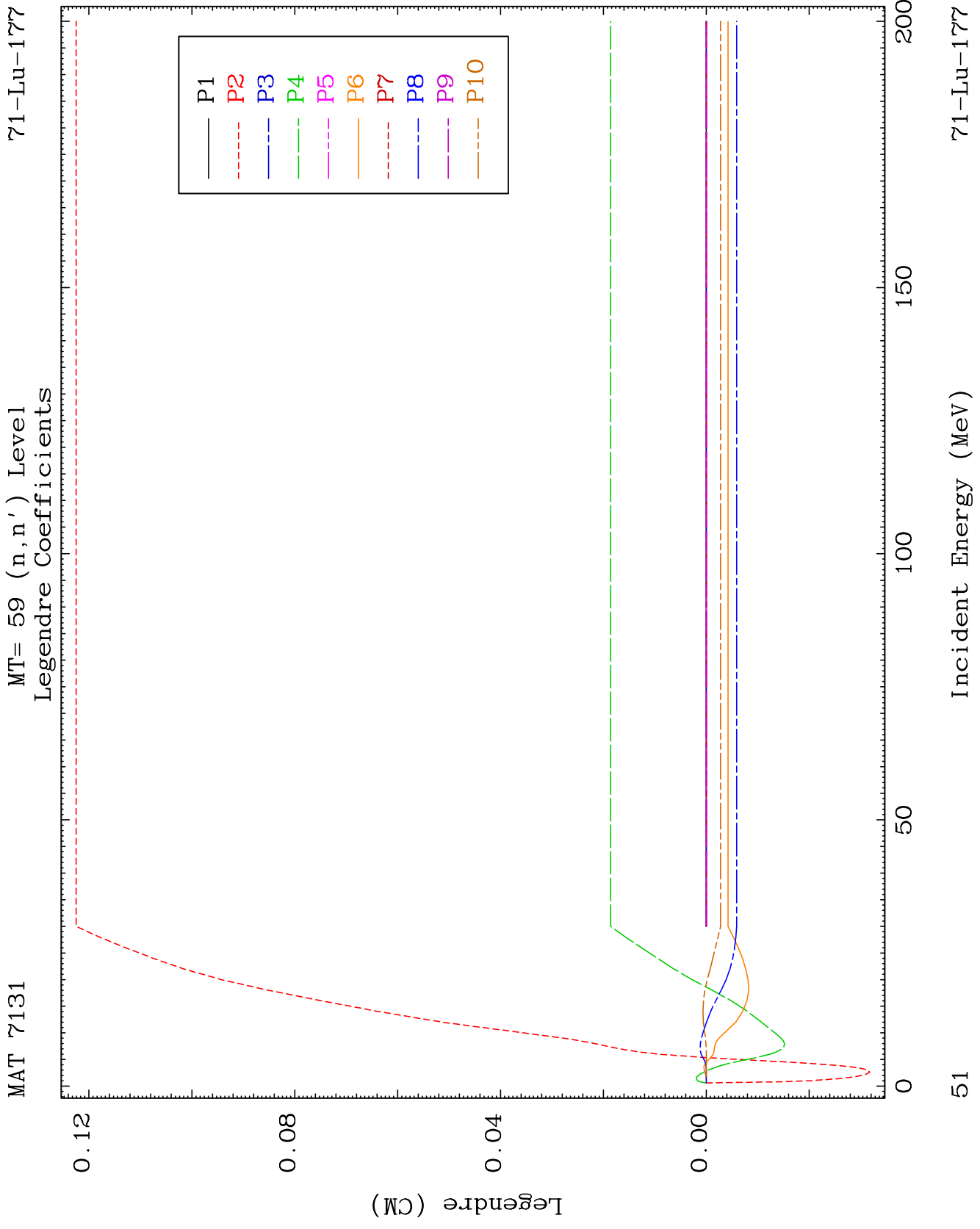


MAT 7131

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

71-Lu-177

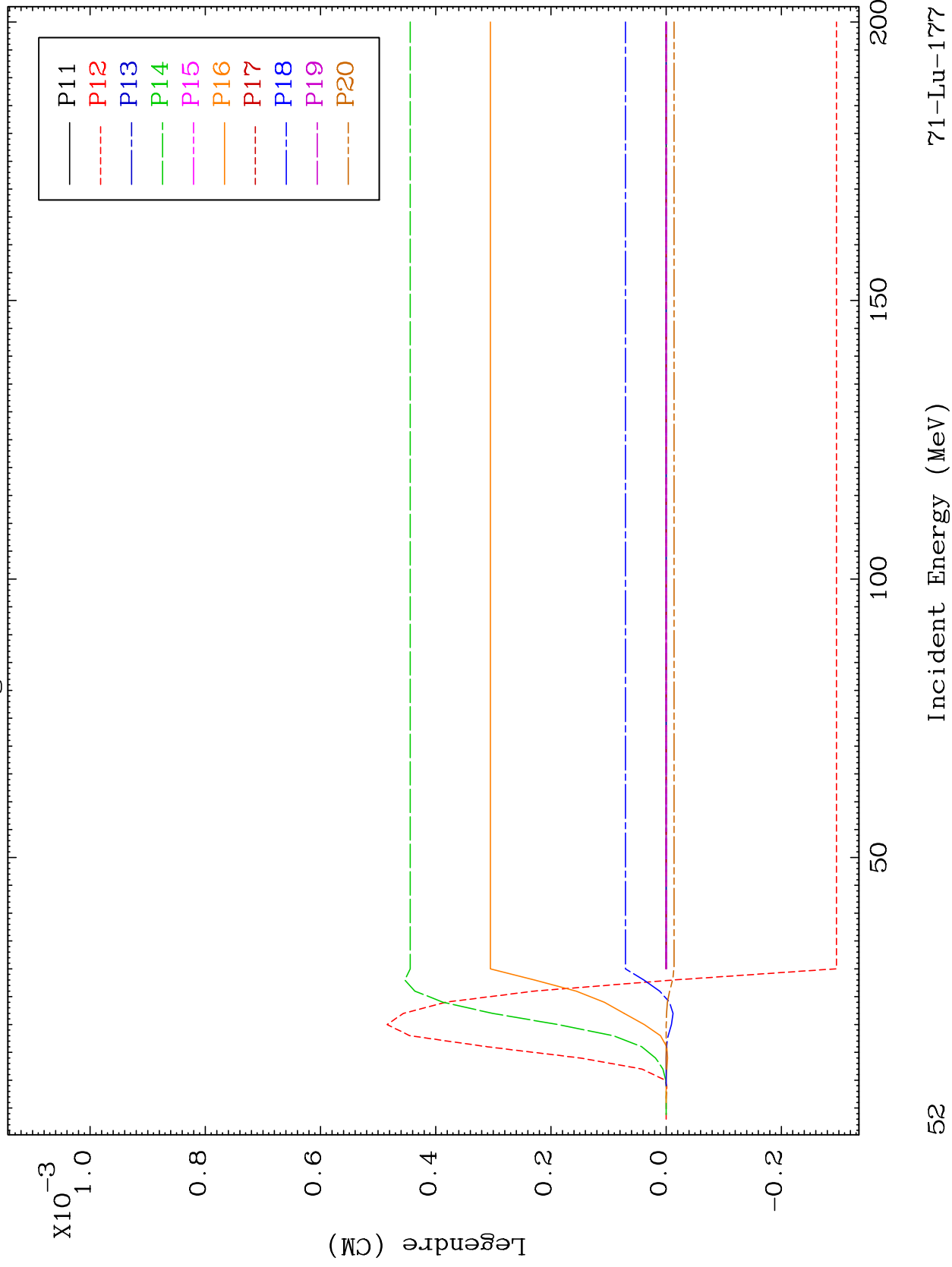




MAT 7131

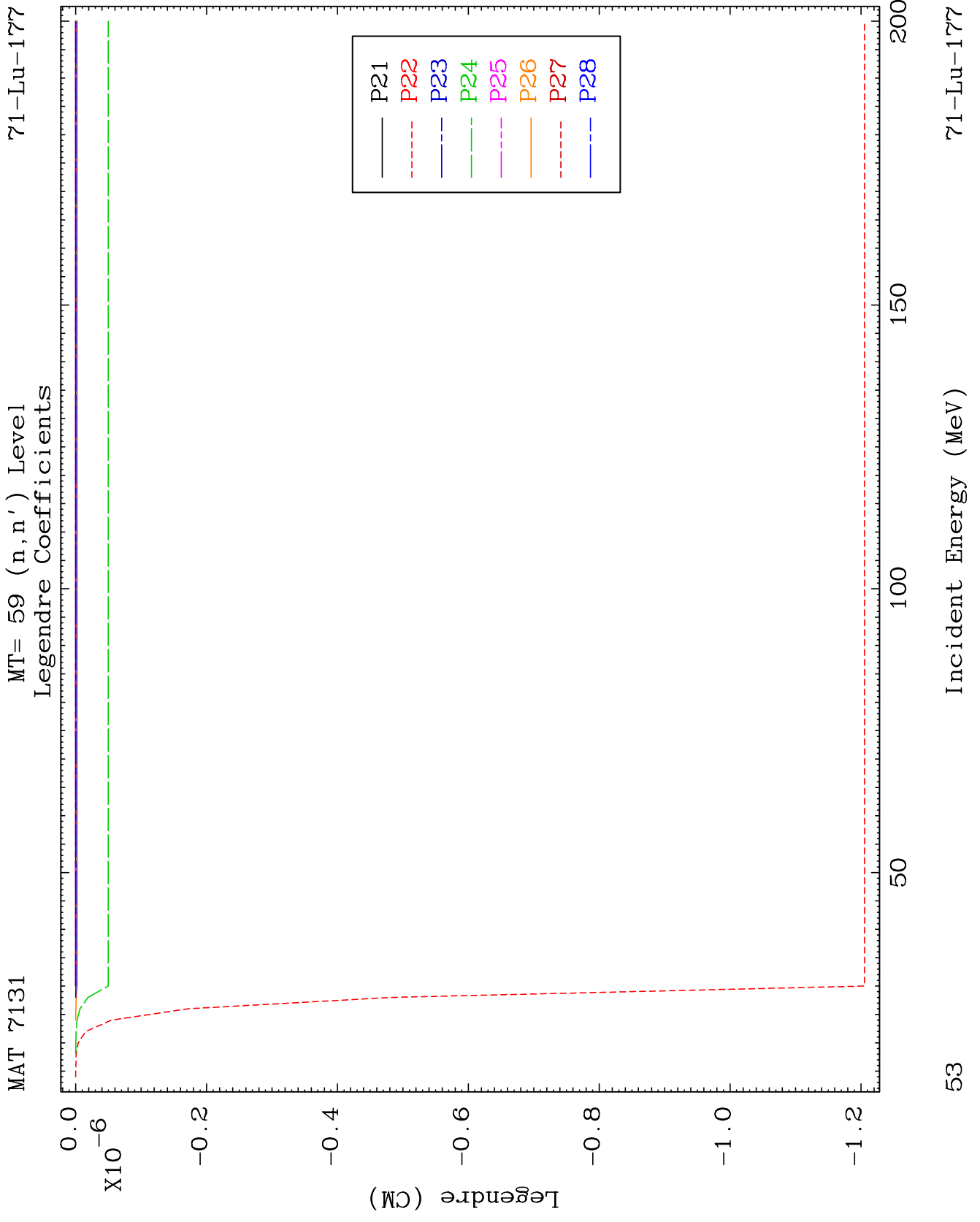
MT= 59 (n,n') Level
Legendre Coefficients

71-Lu-177



52

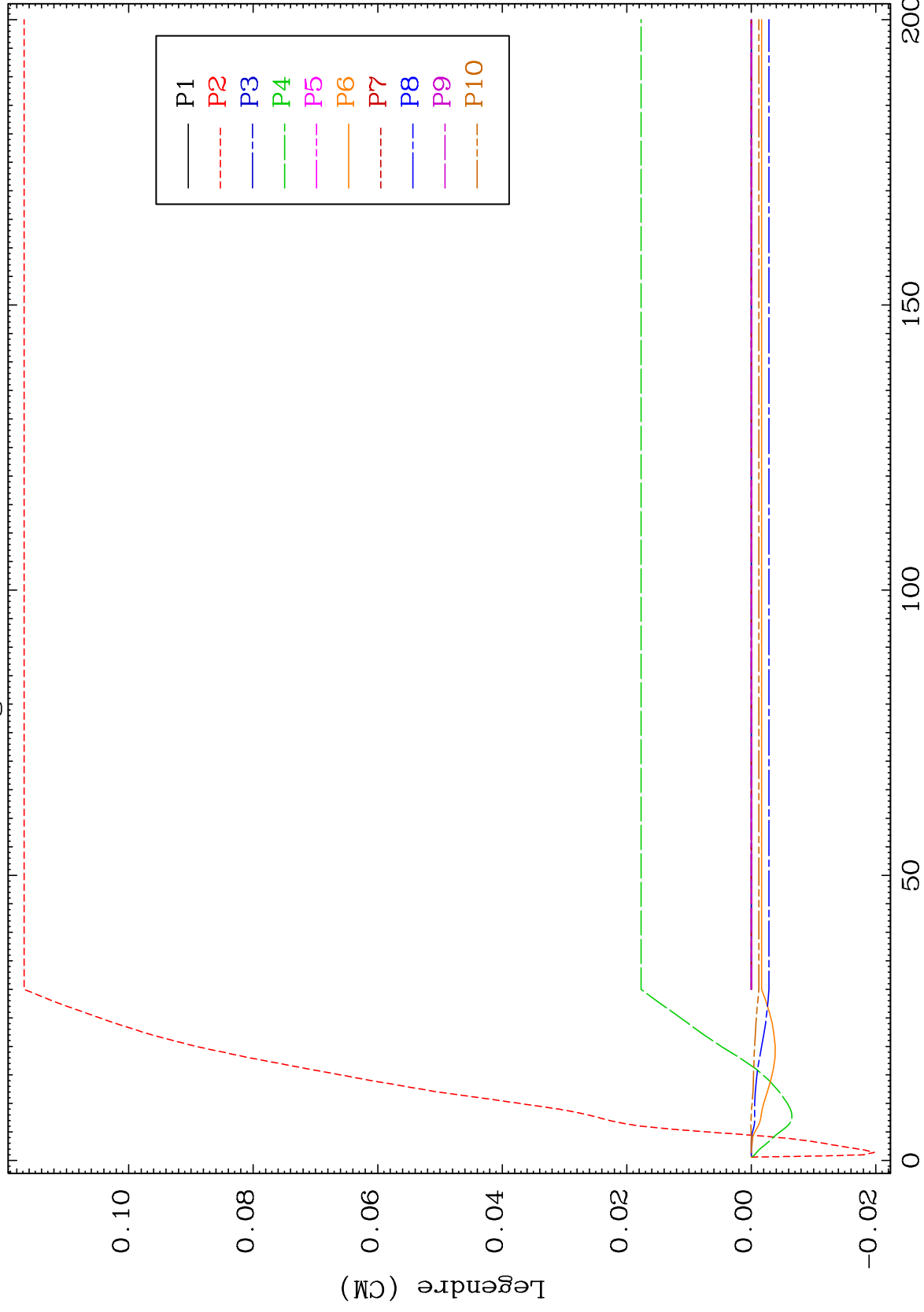
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MAT 7131

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

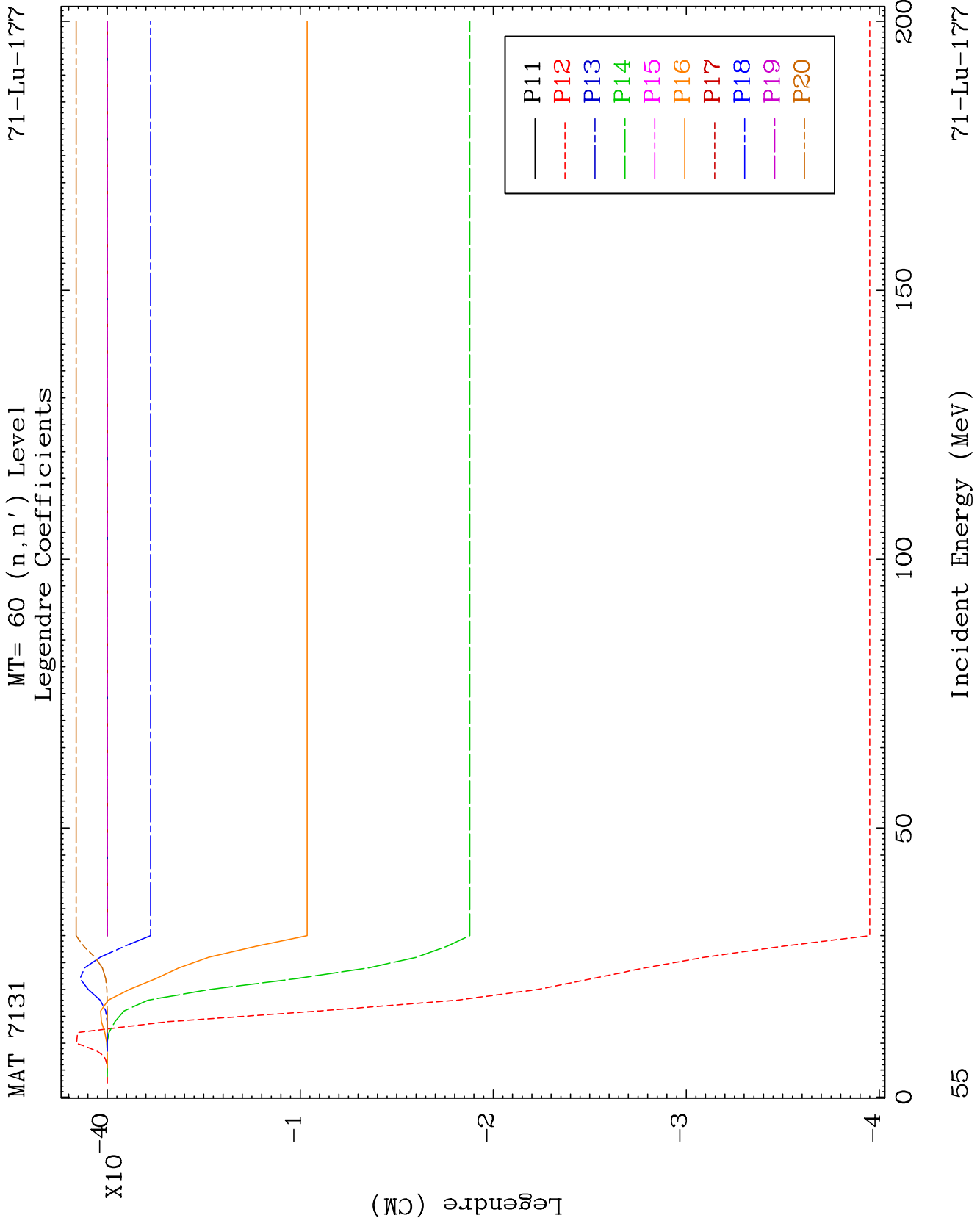
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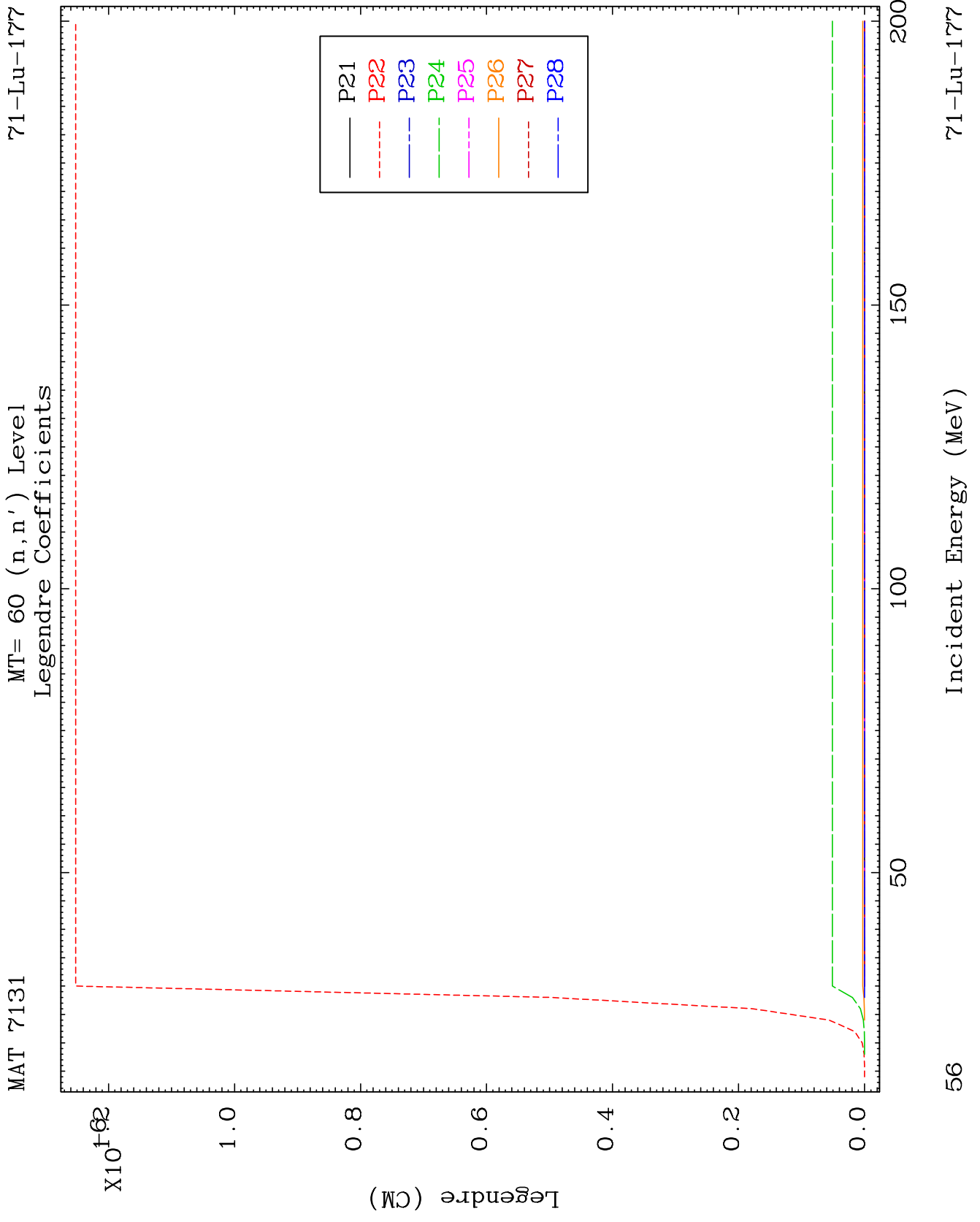


54

Incident Energy (MeV)

71-Lu-177

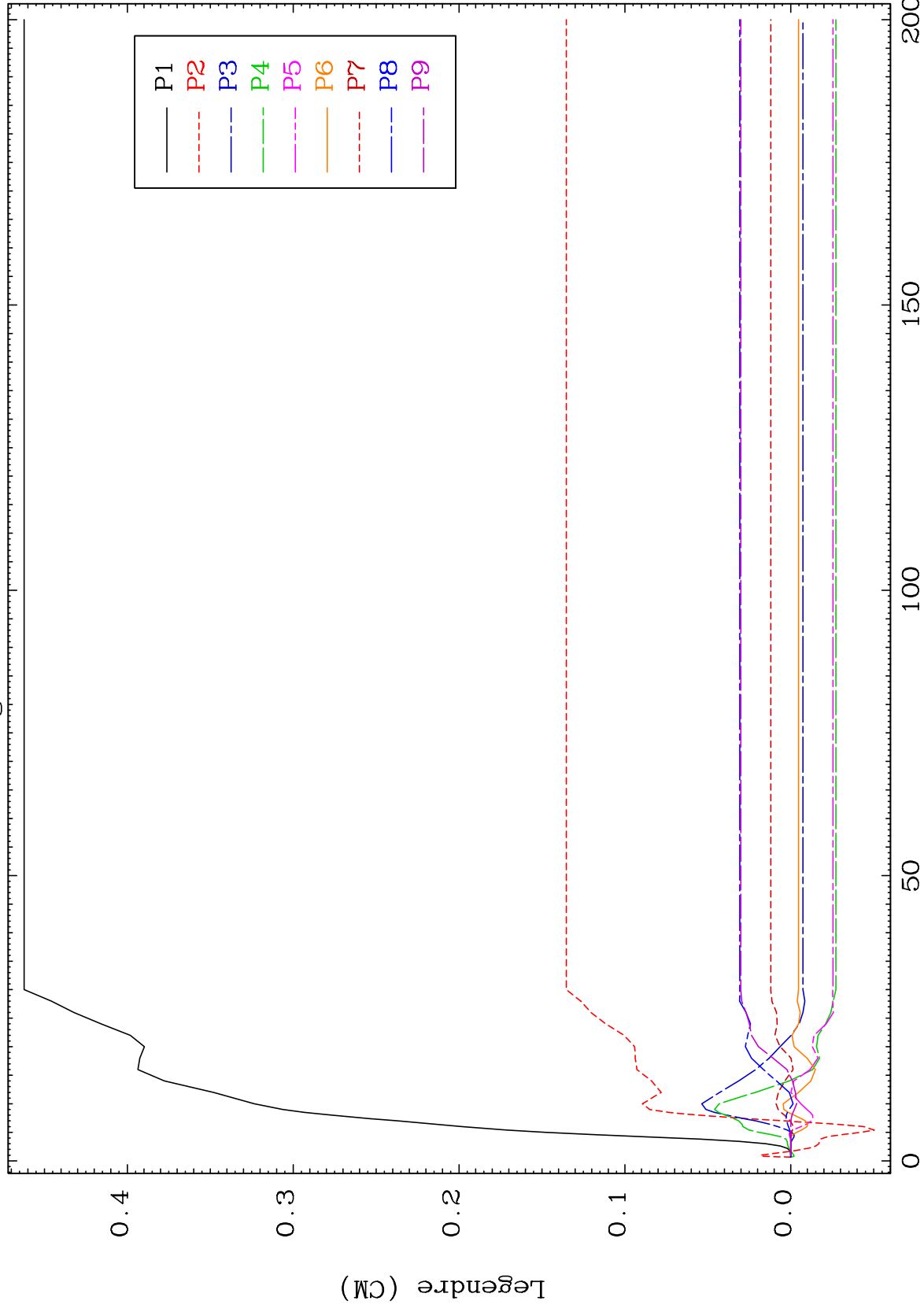




MAT 7131

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

71-Lu-177



71-Lu-177

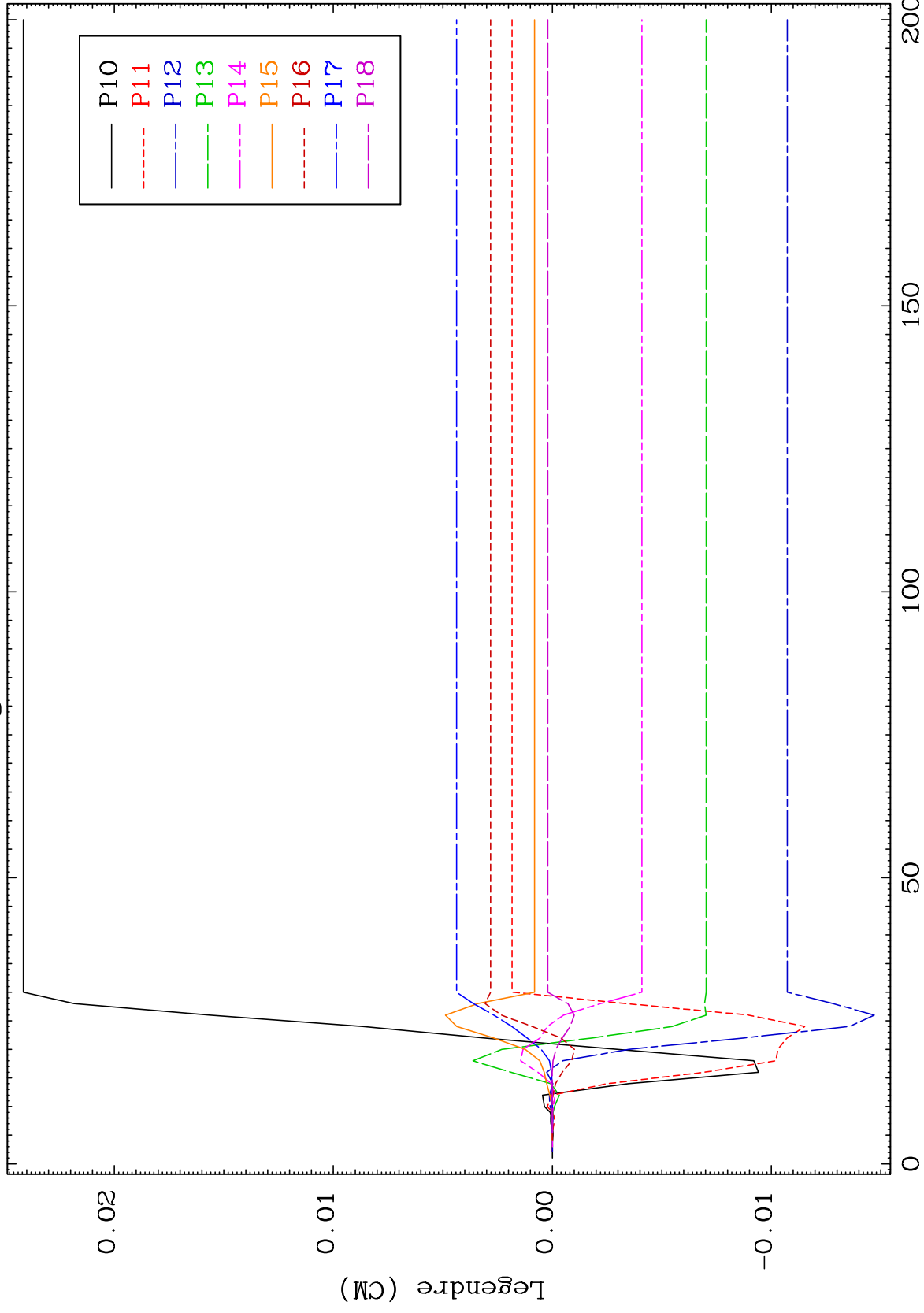
Incident Energy (MeV)

57

MAT 7131

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

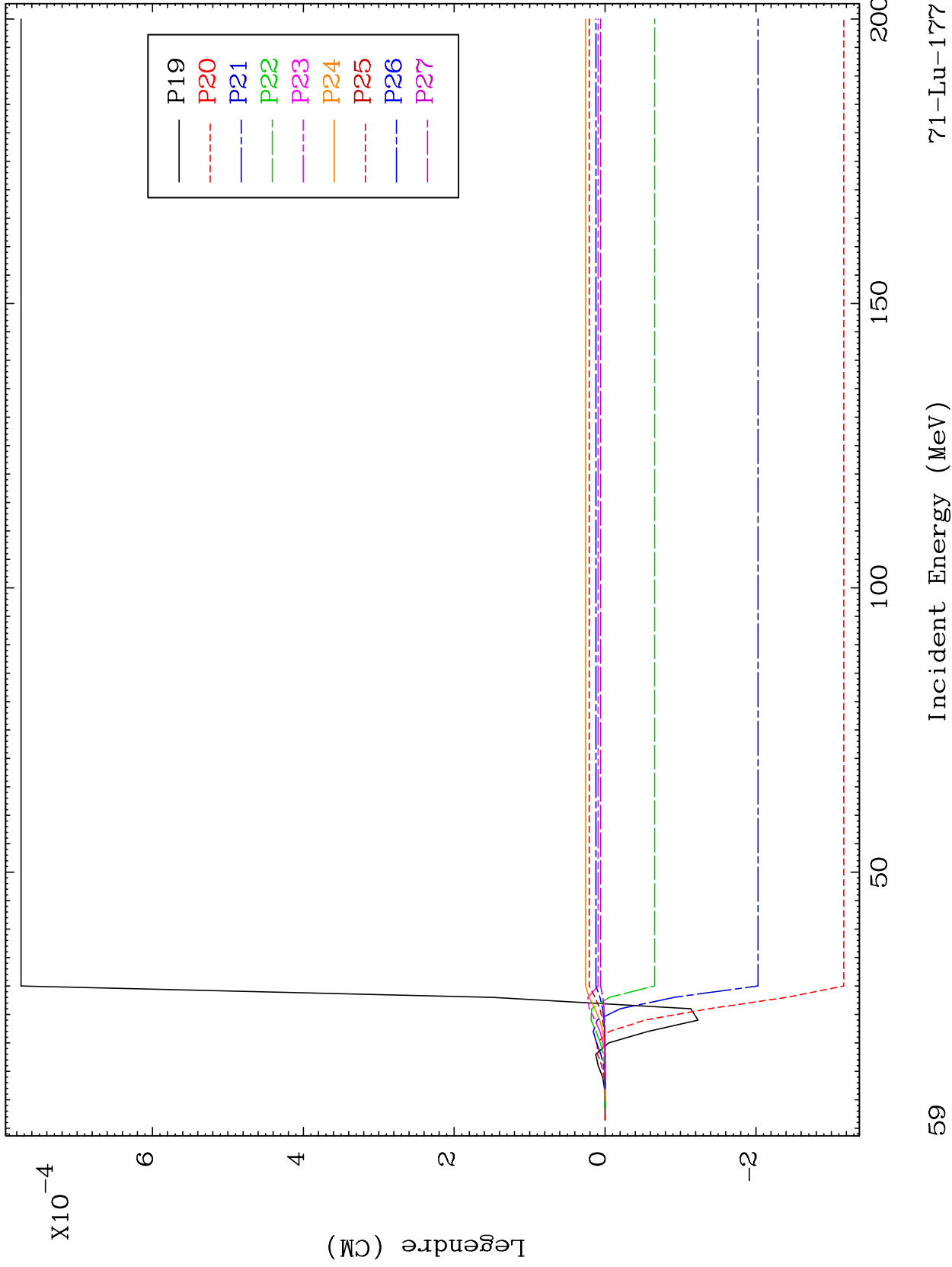
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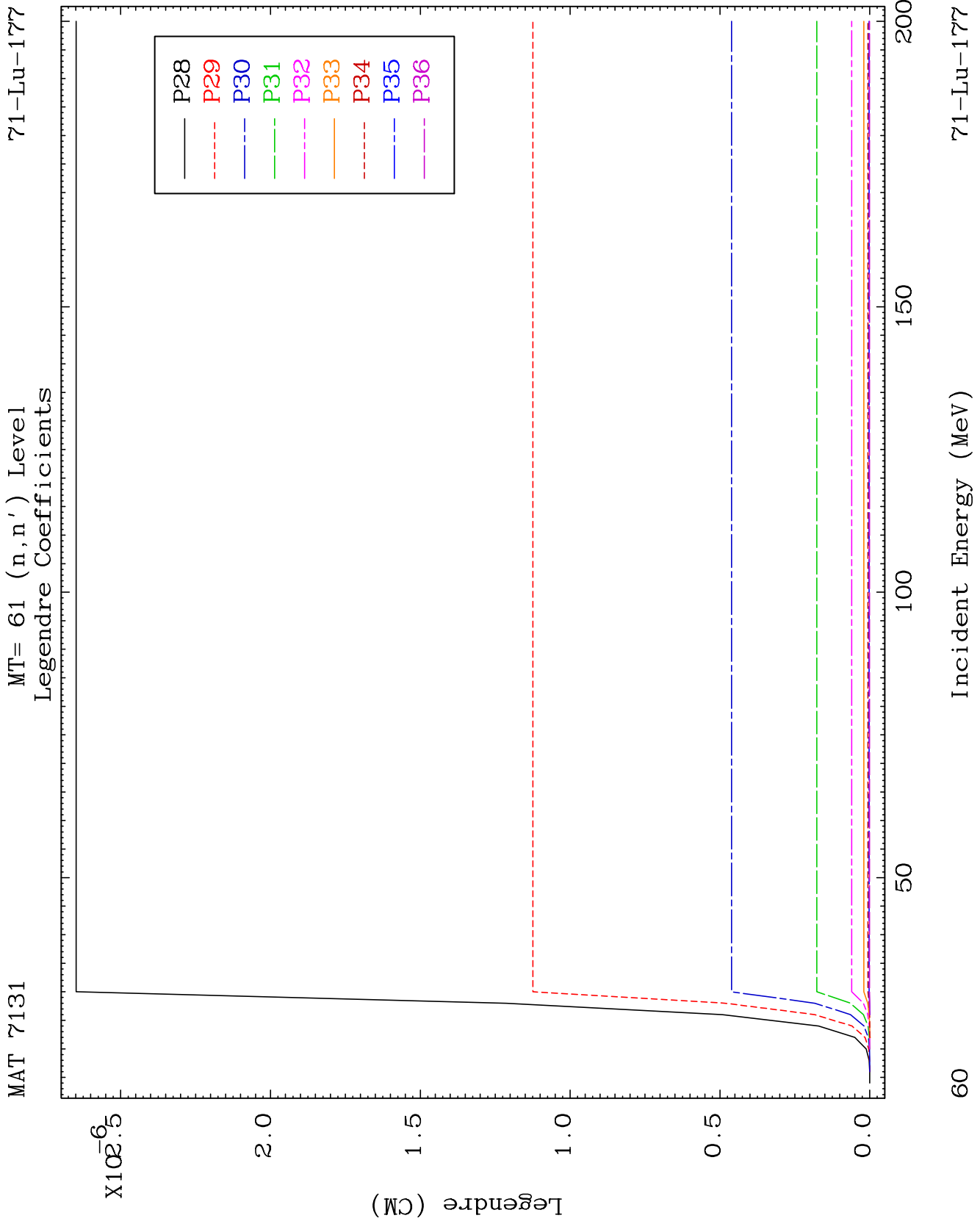


58

Incident Energy (MeV)

71-Lu-177

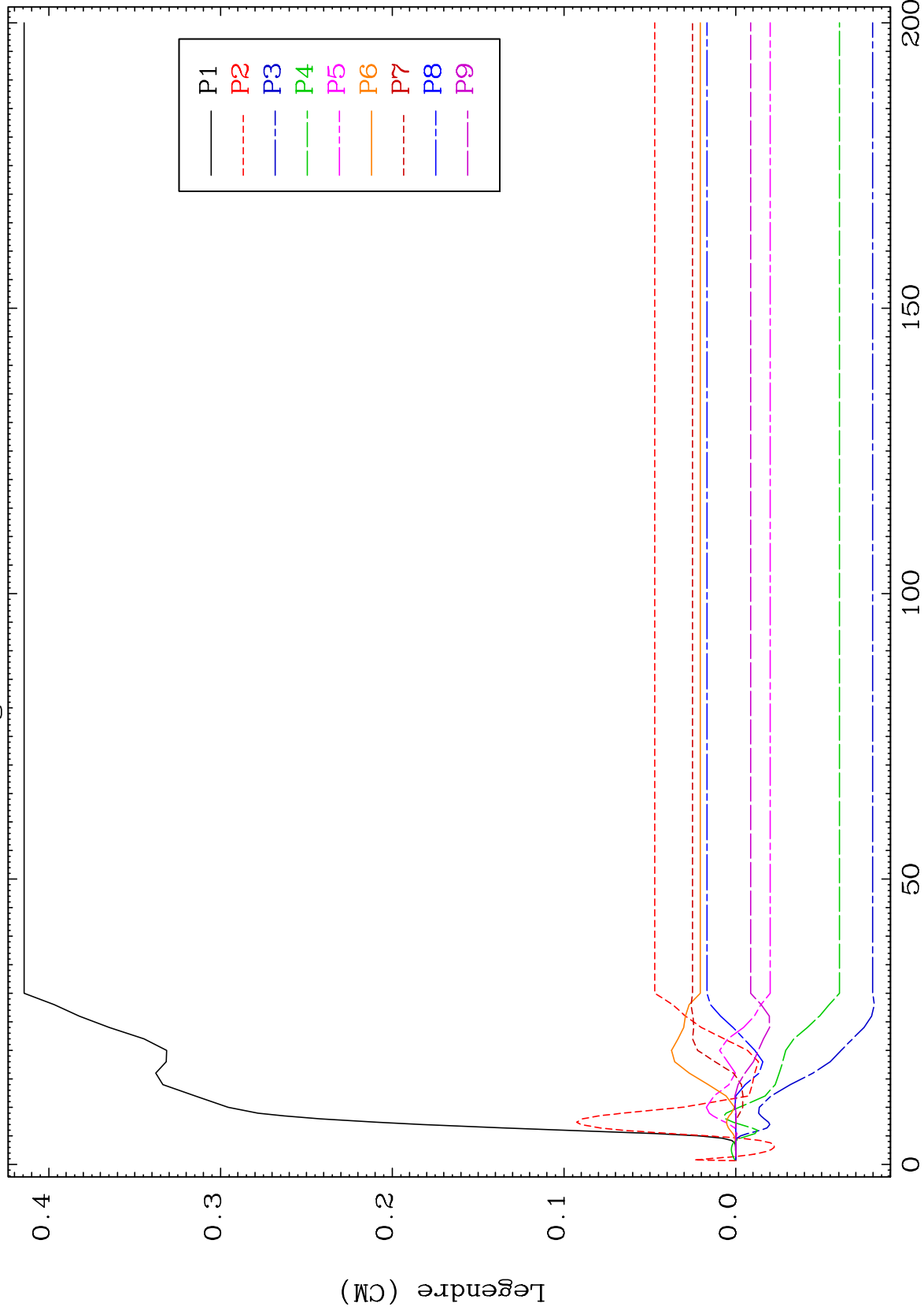




MAT 7131

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

71-Lu-177



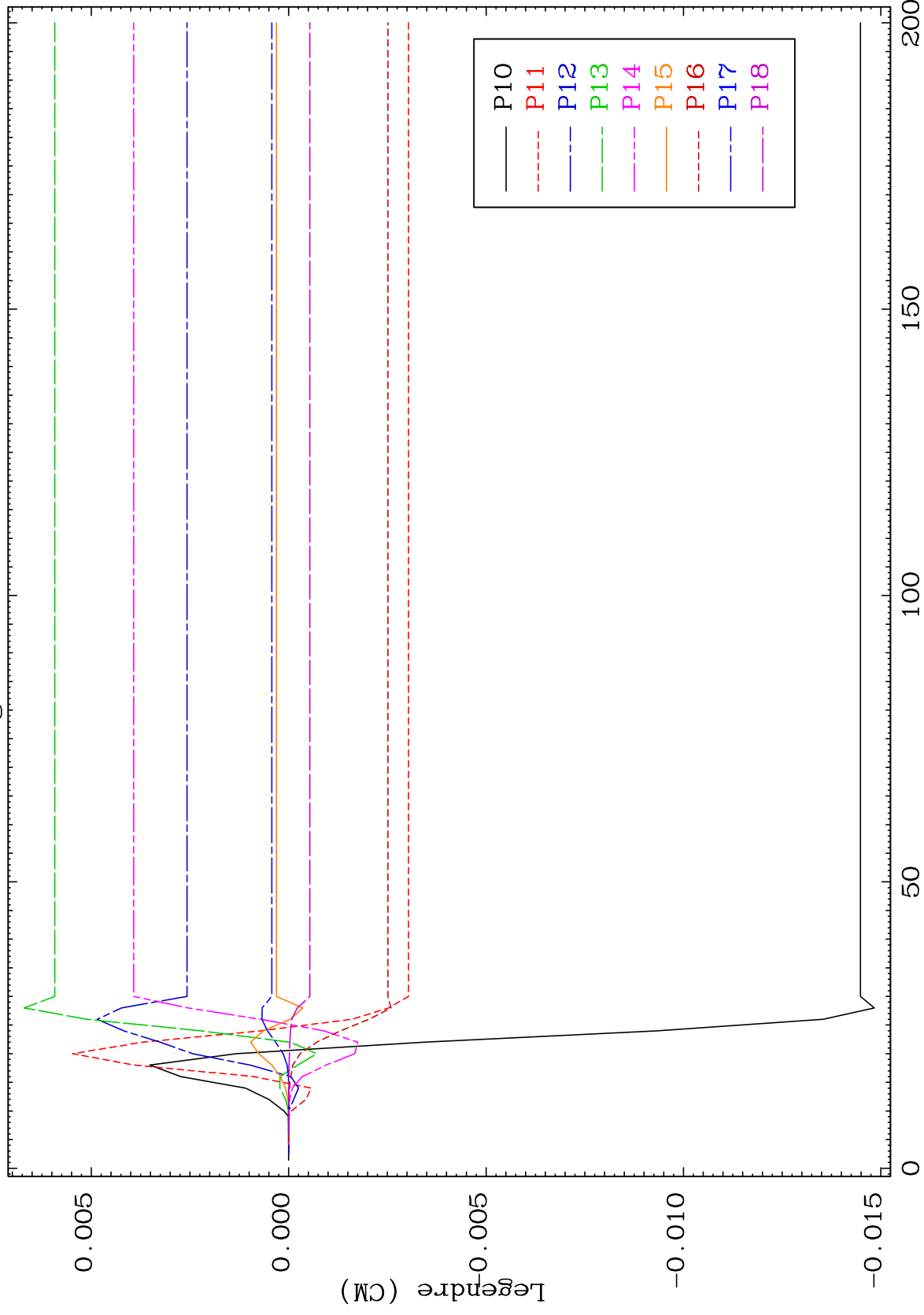
61

71-Lu-177

MAT 7131

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

71-Lu-177



62

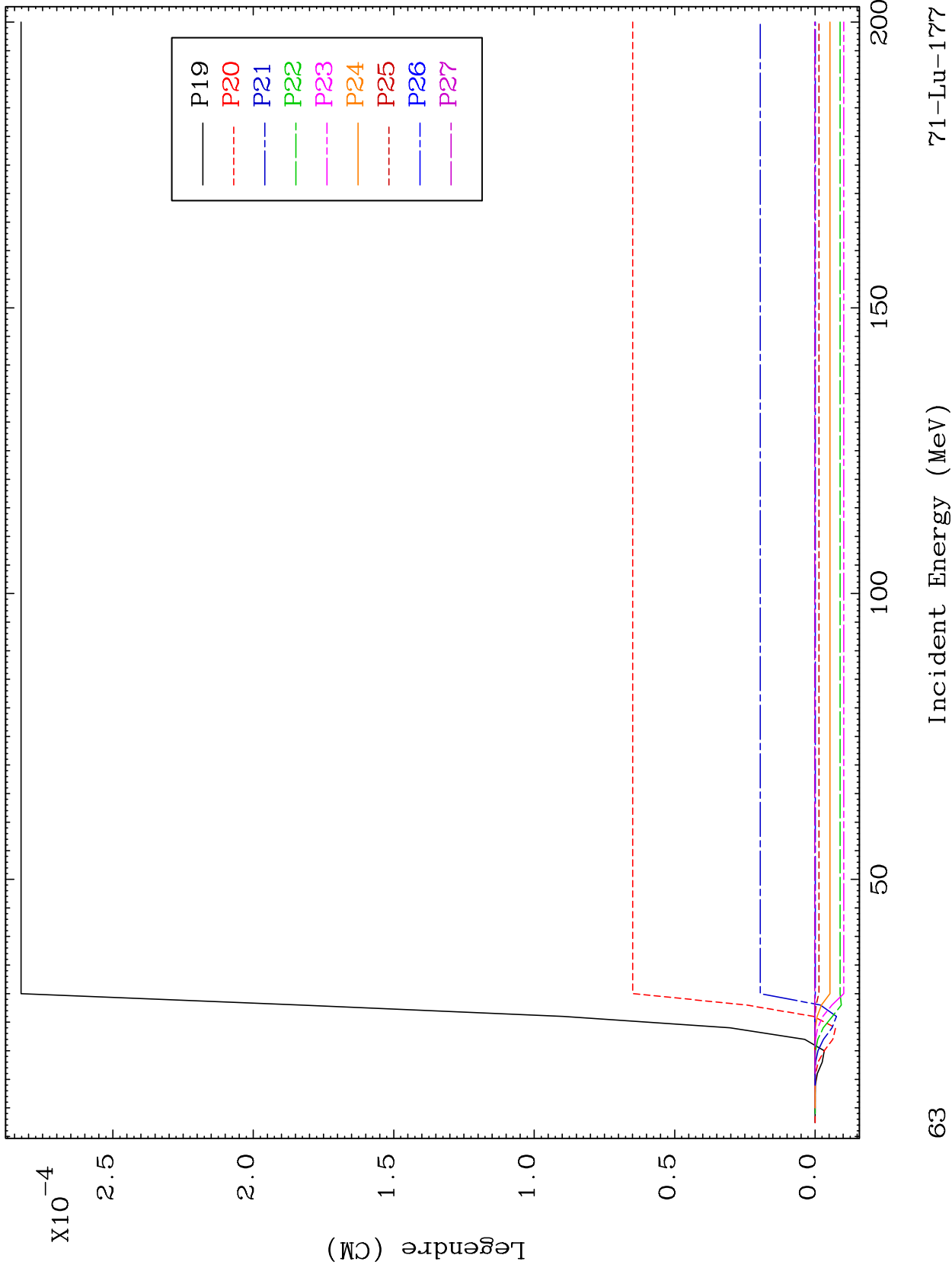
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



63

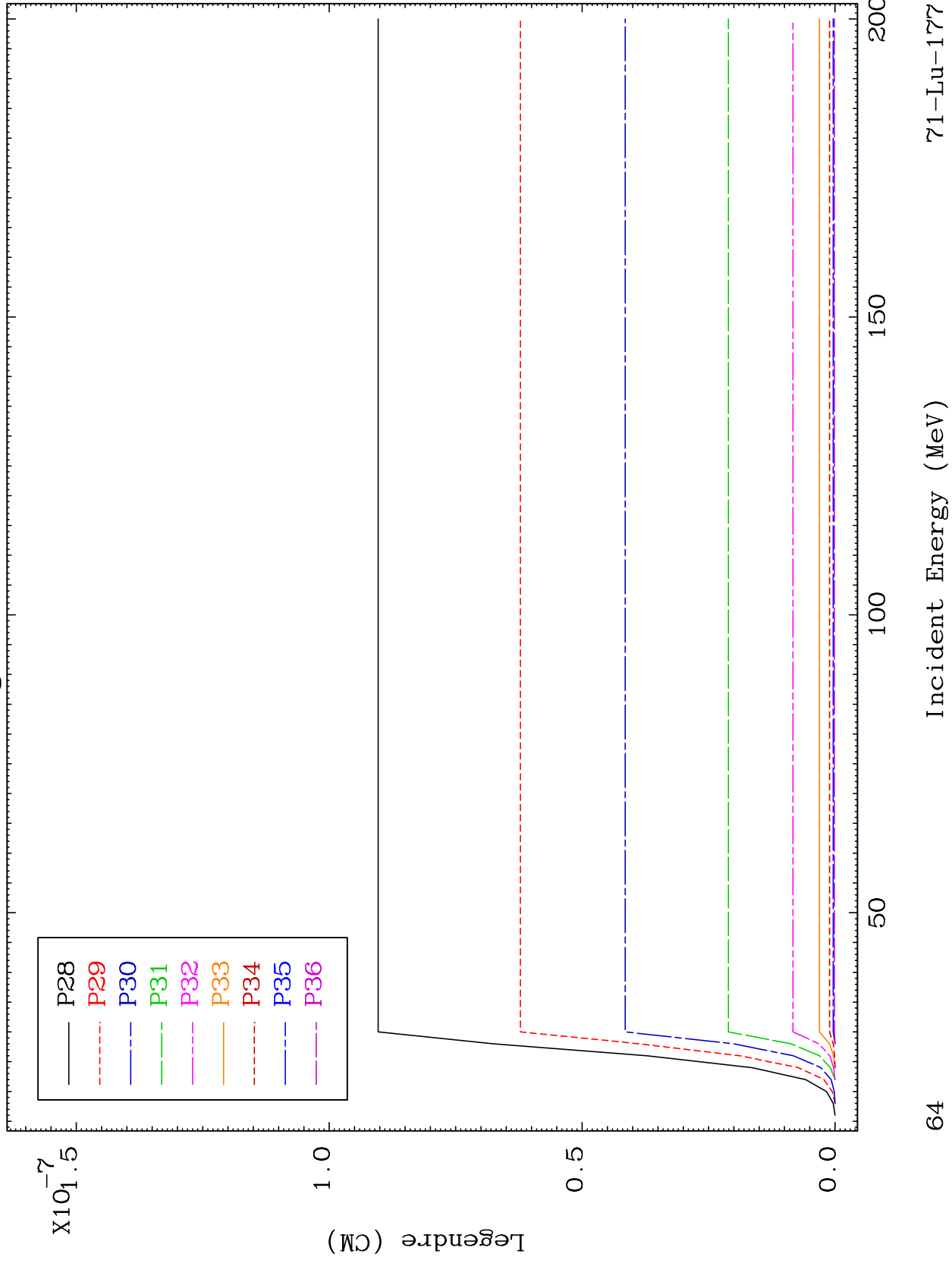
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

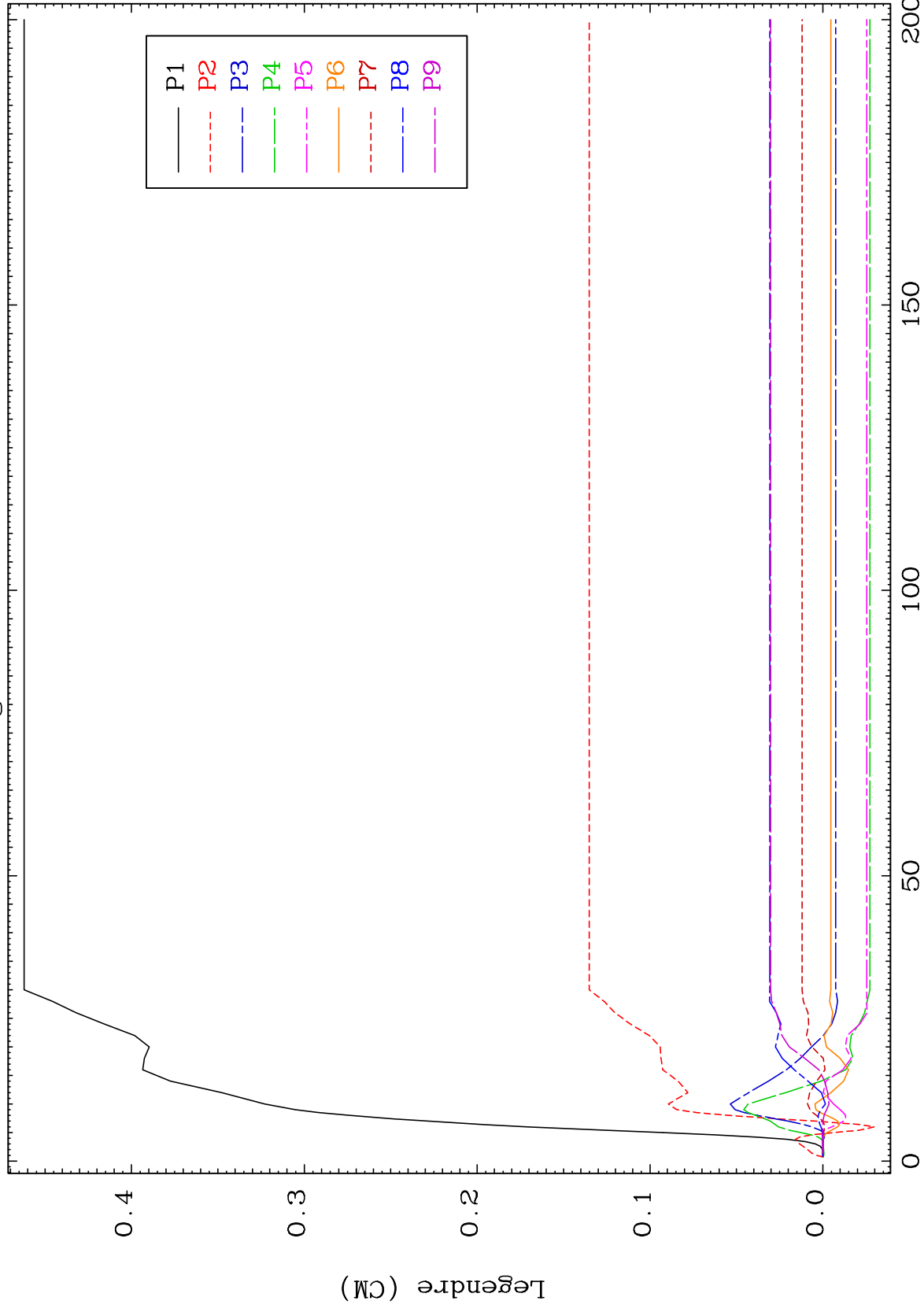
71-Lu-177



MAT 7131

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

71-Lu-177



65

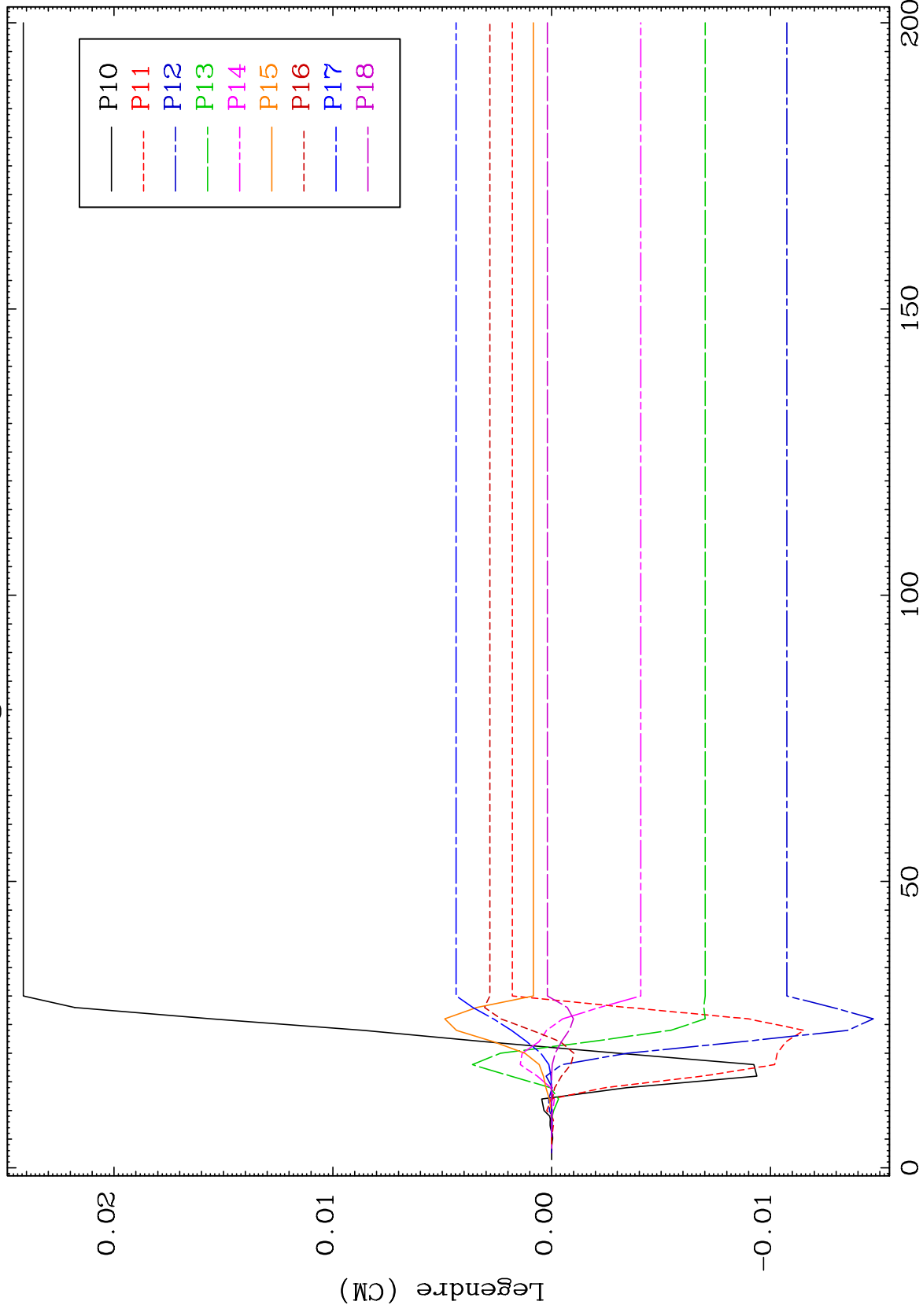
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



66

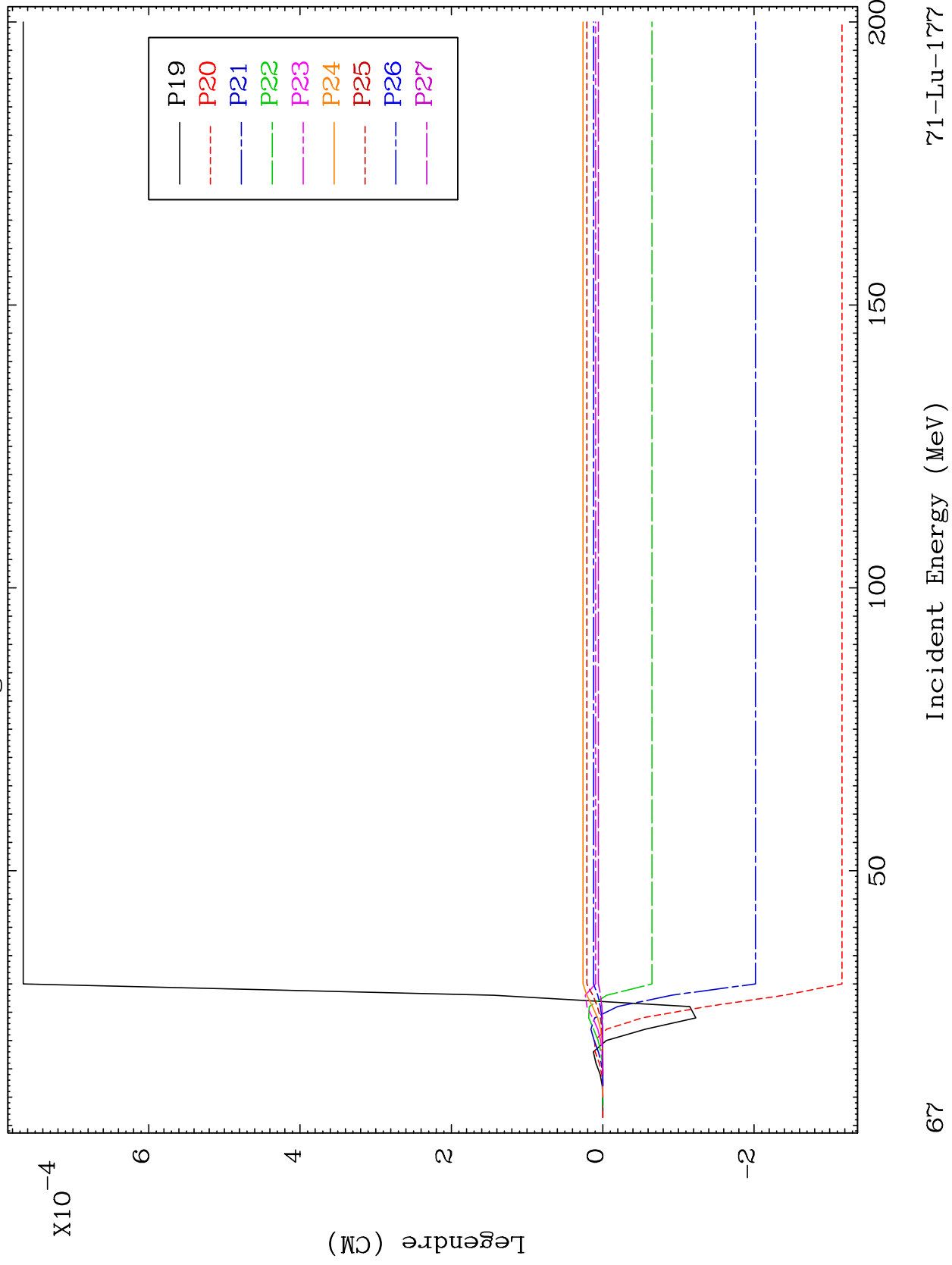
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



67

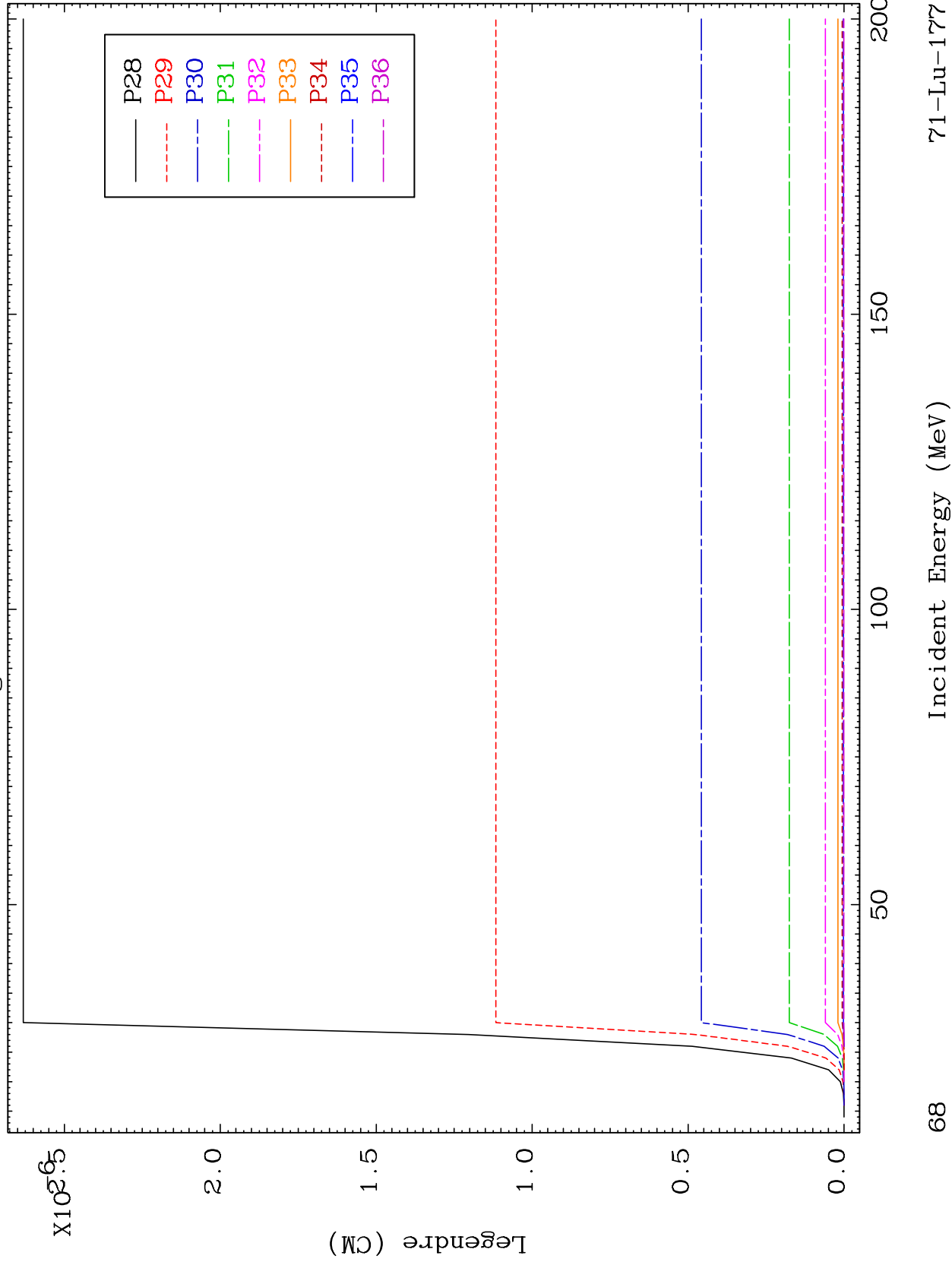
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



68

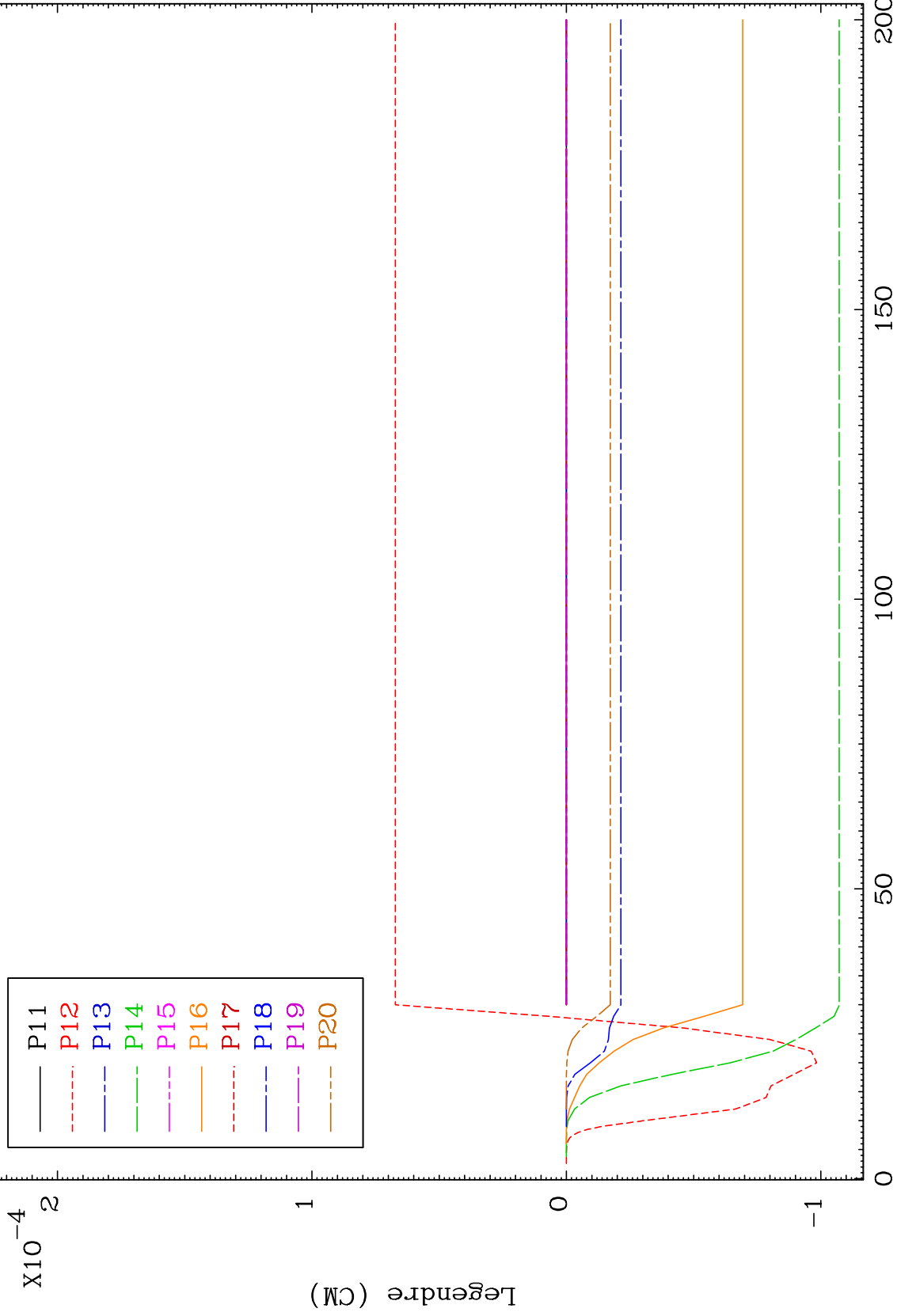
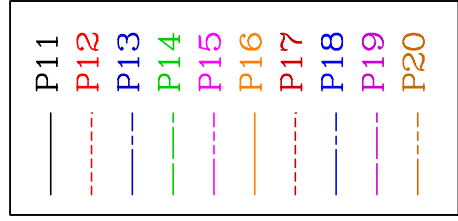
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

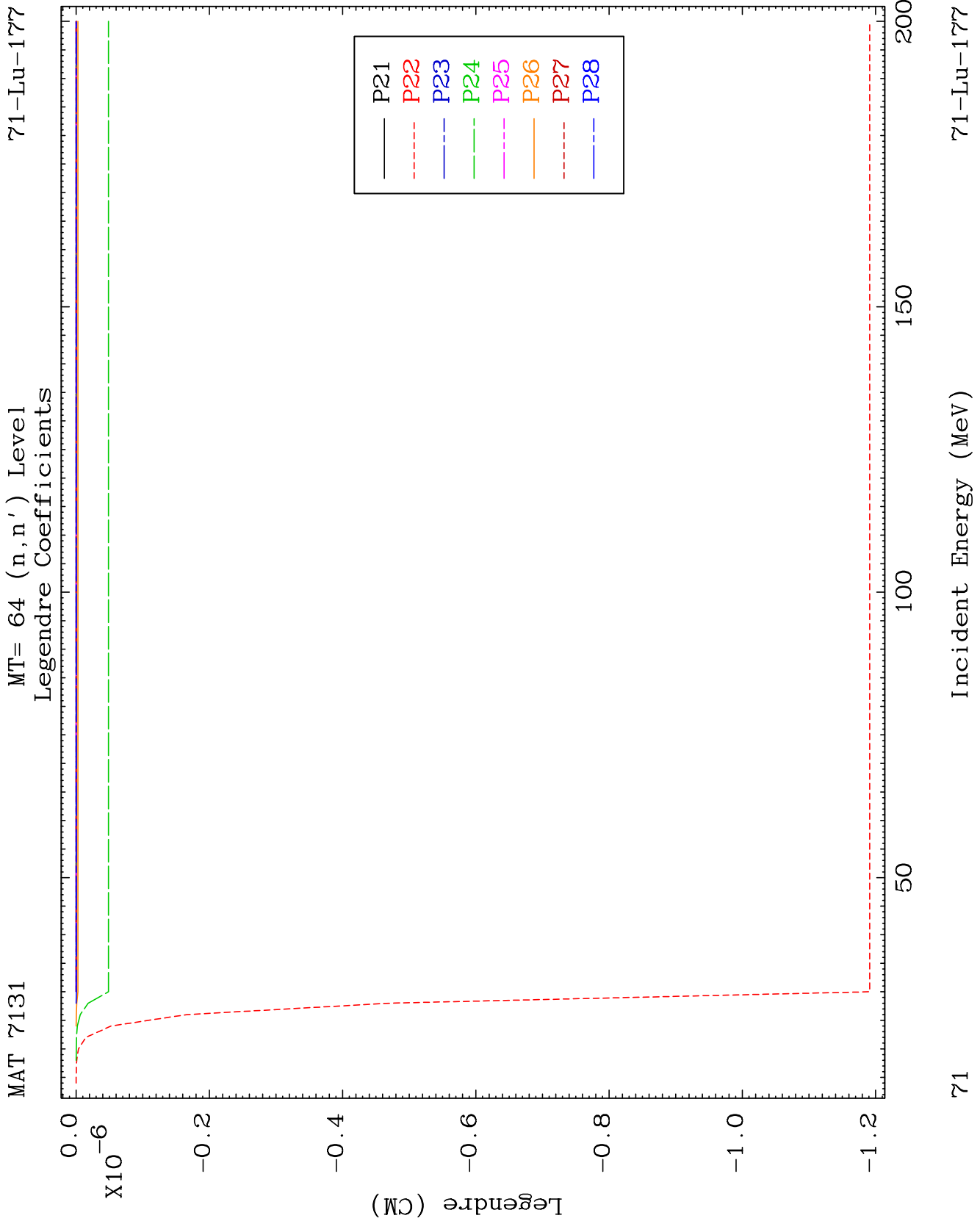
71-Lu-177

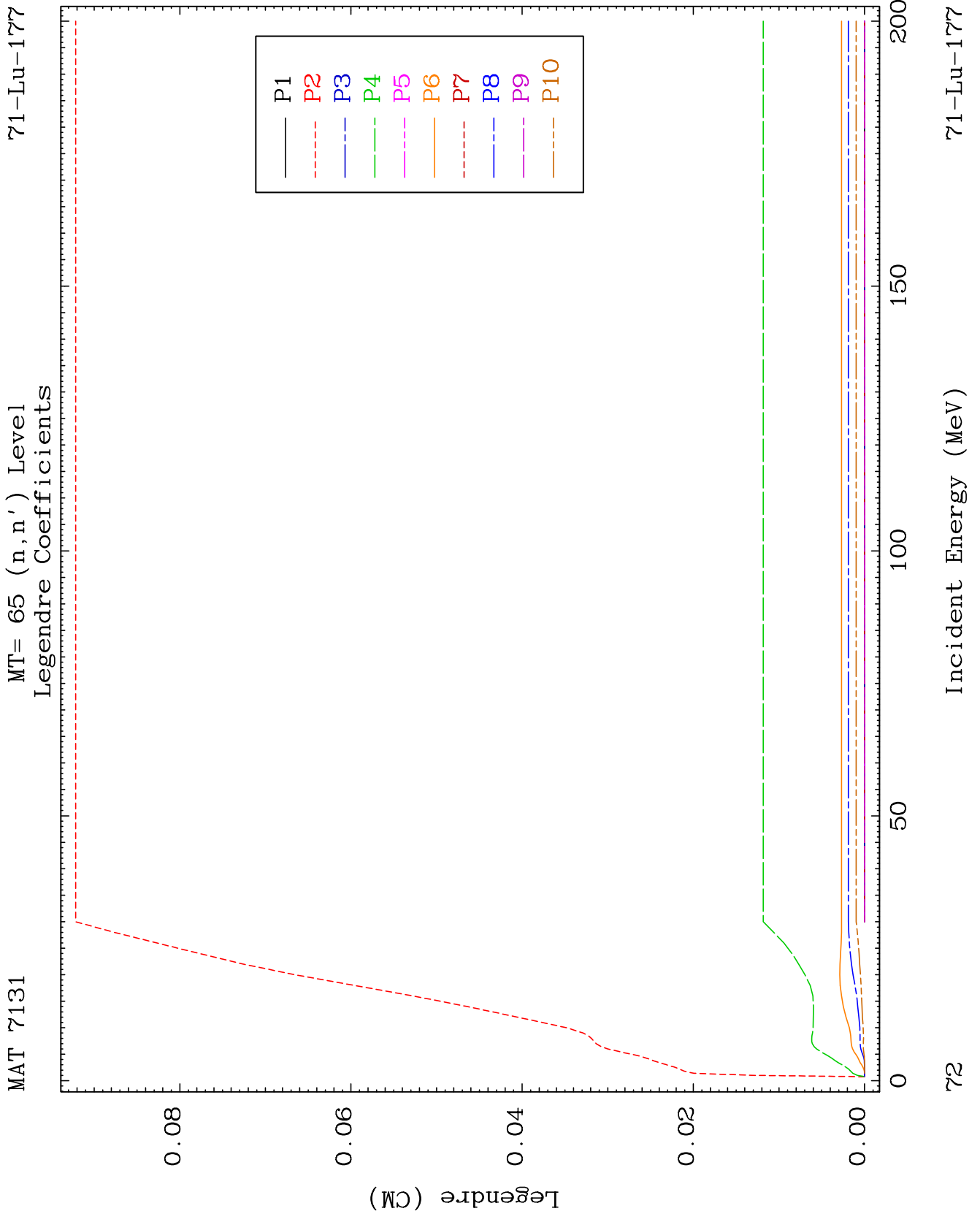


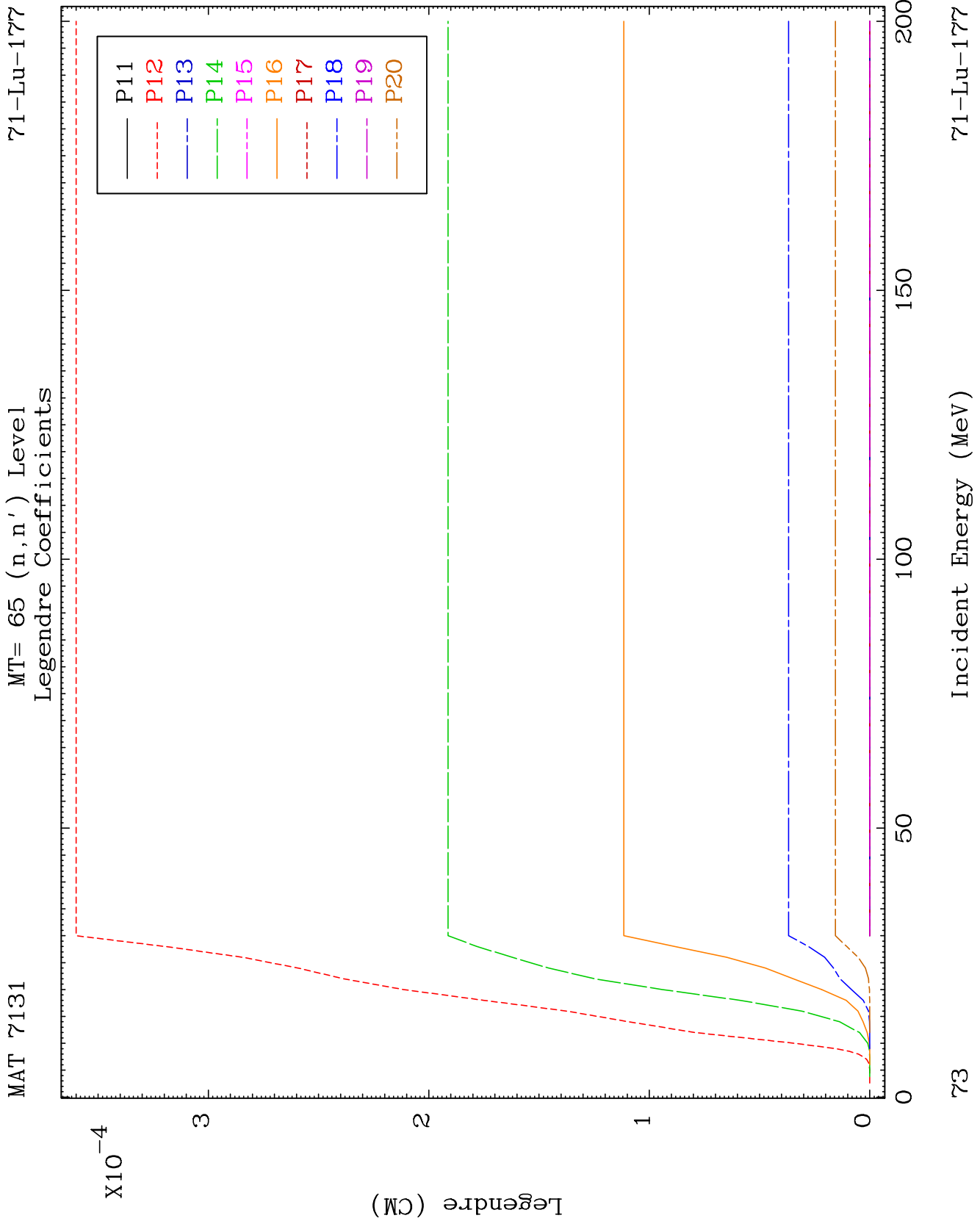
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Incident Energy (MeV)

71-Lu-177



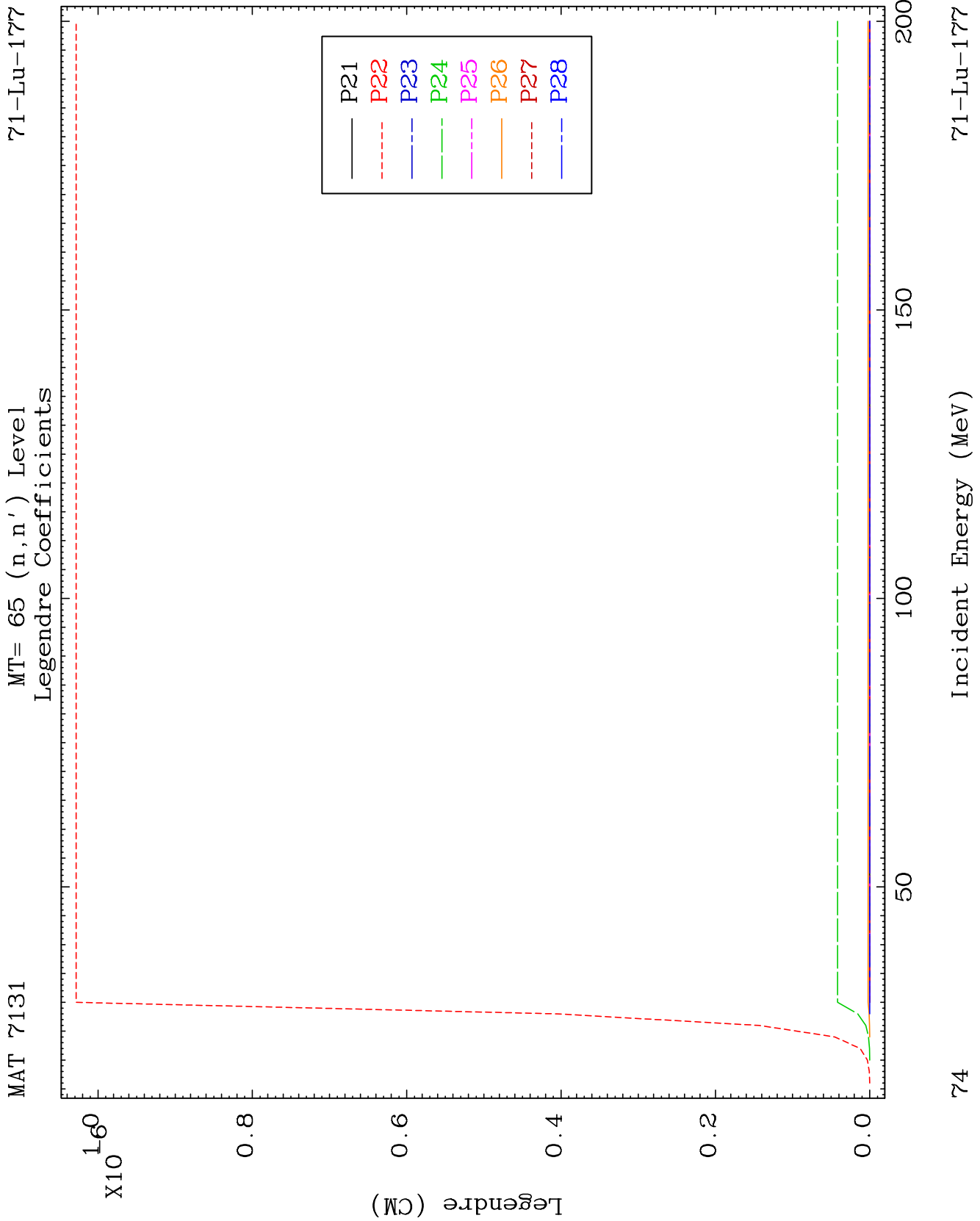




71-Lu-177

71-Lu-177

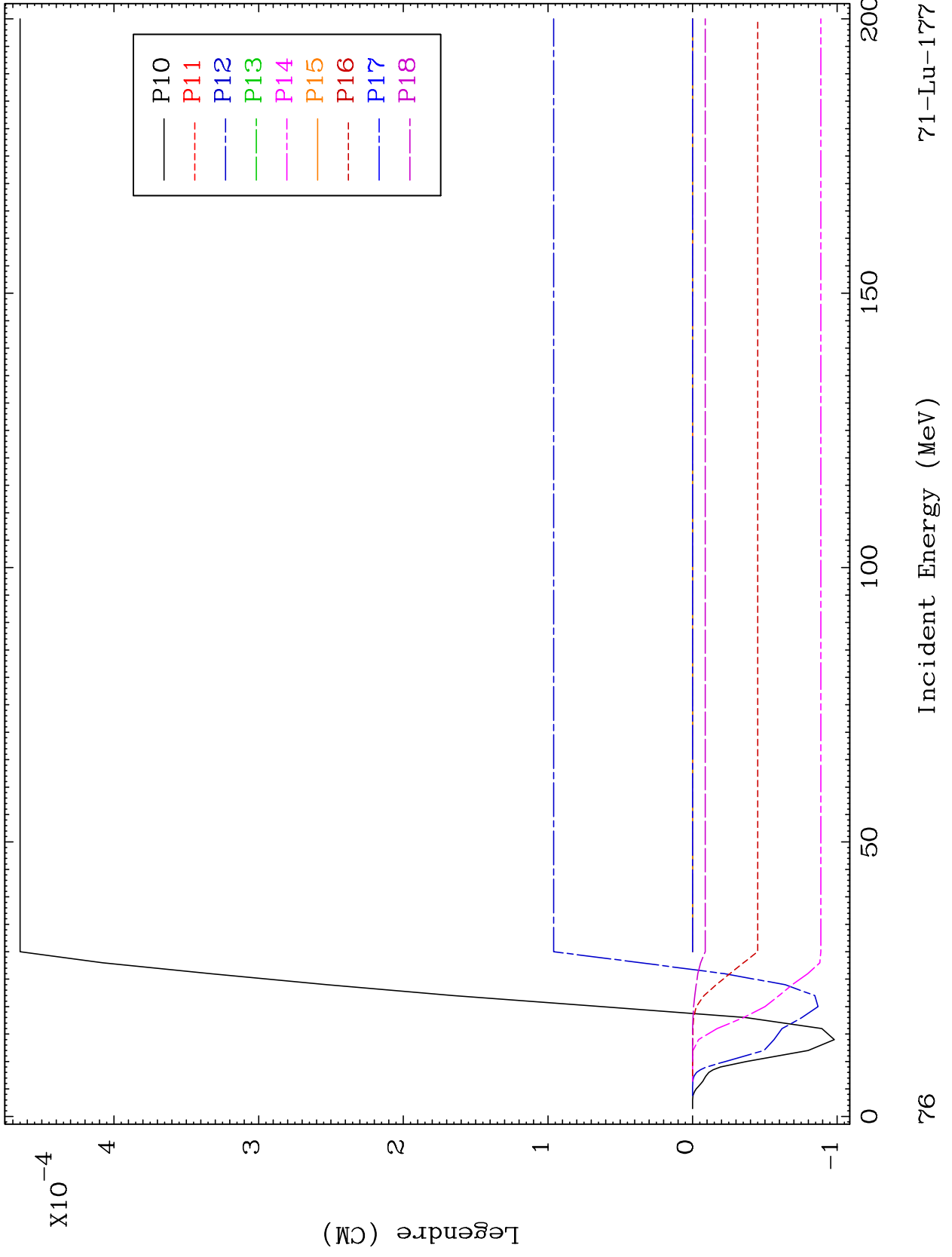
73



MAT 7131

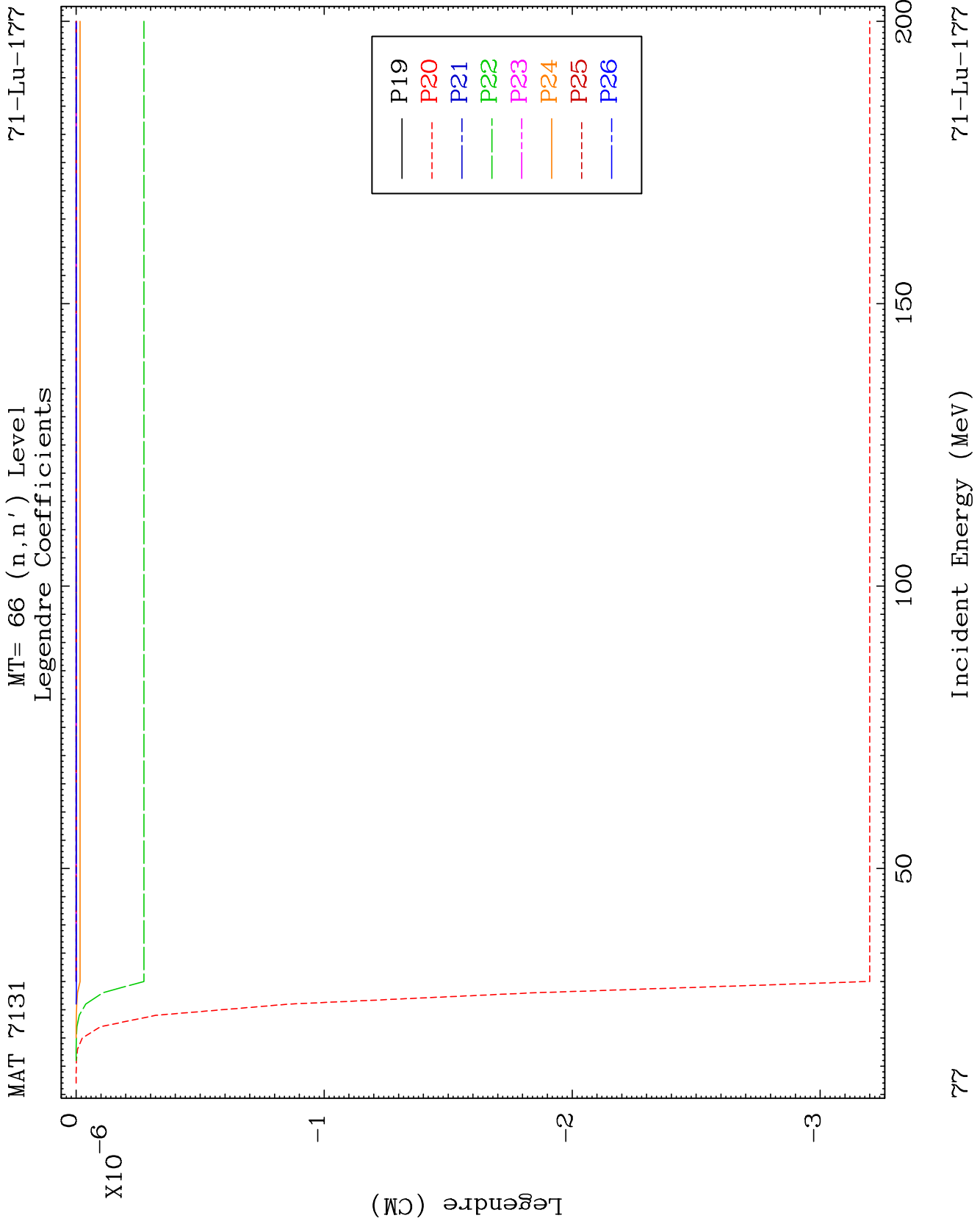
MT= 66 (n,n') Level
Legendre Coefficients

71-Lu-177



76

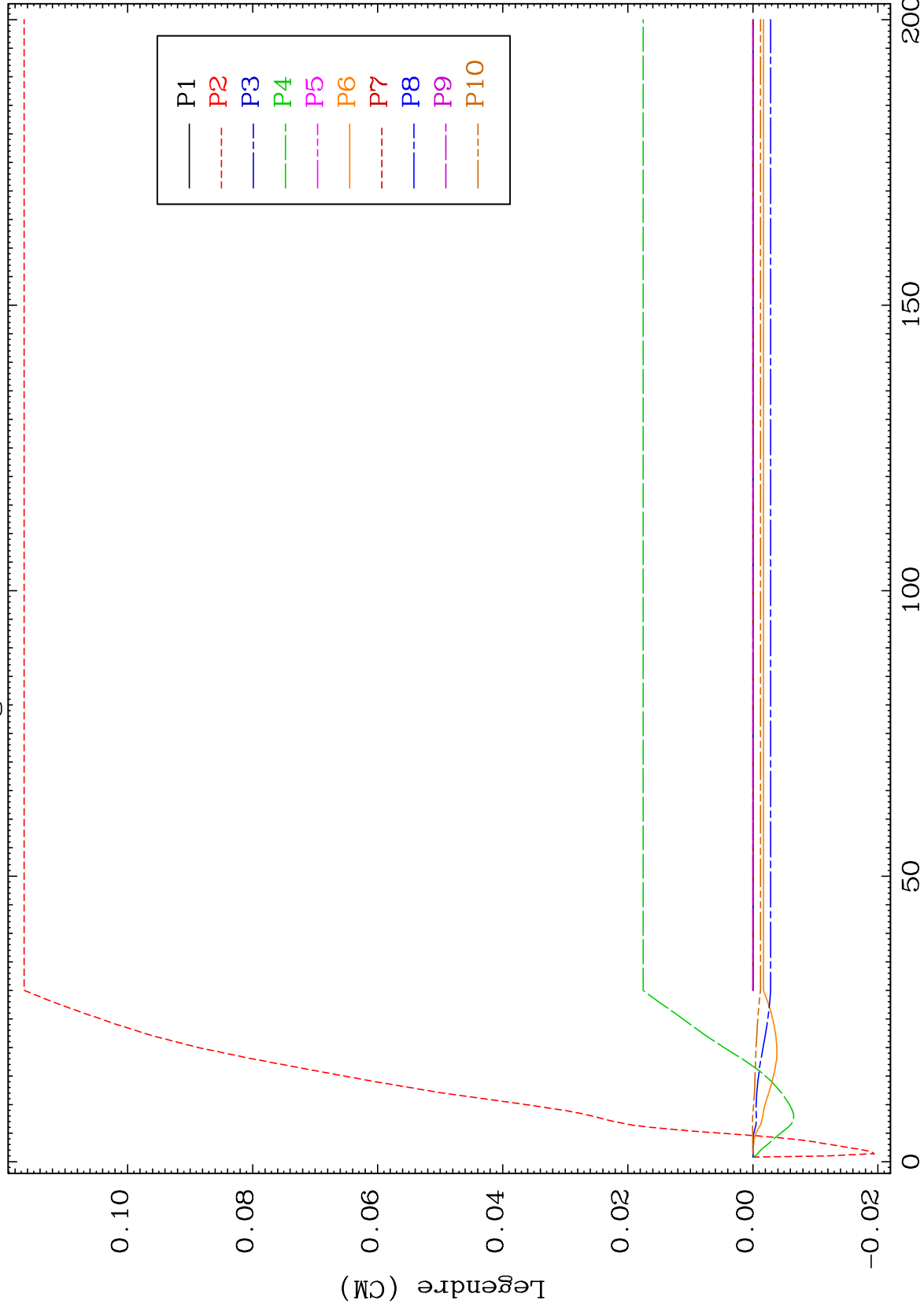
71-Lu-177



MAT 7131

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

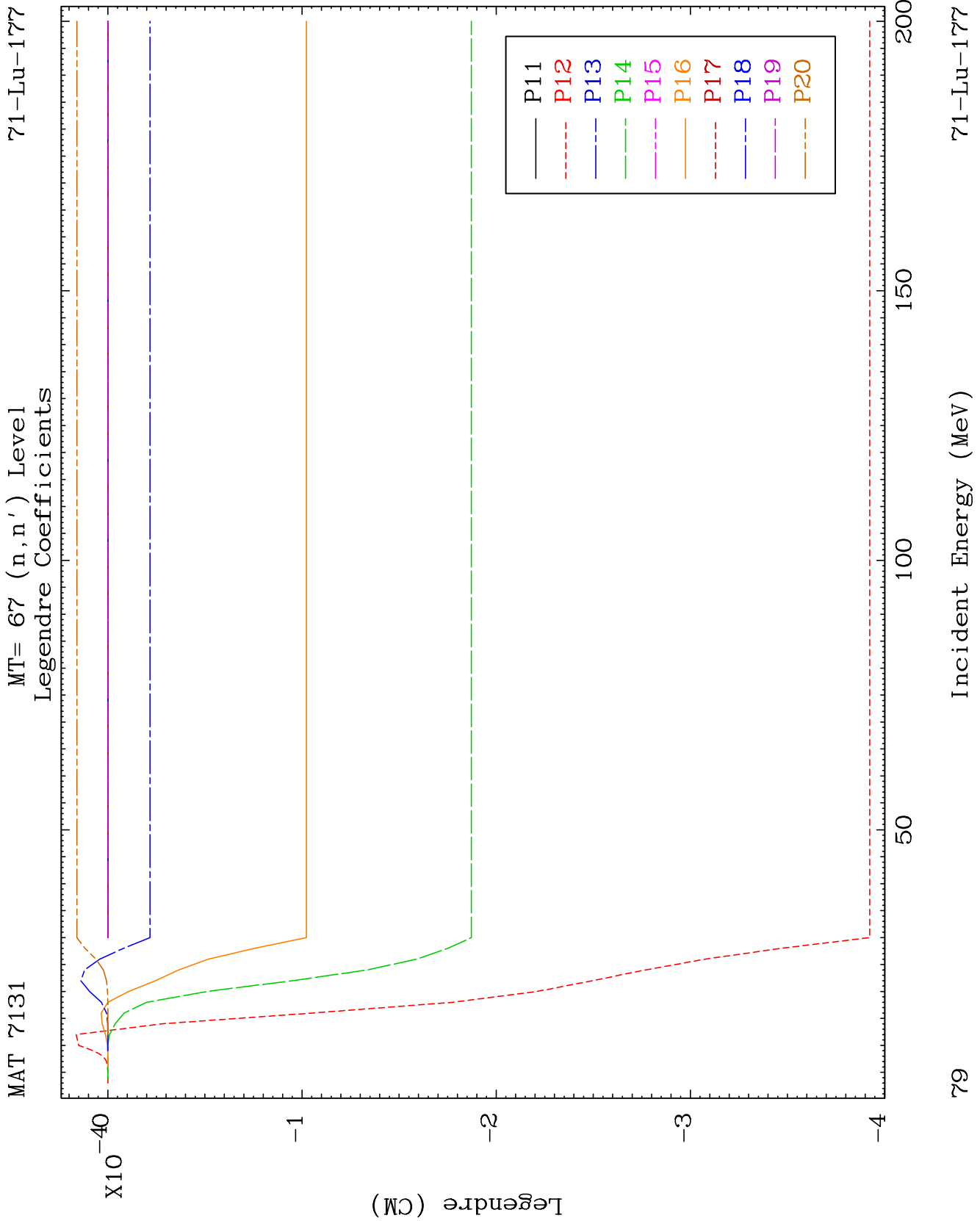
71-Lu-177

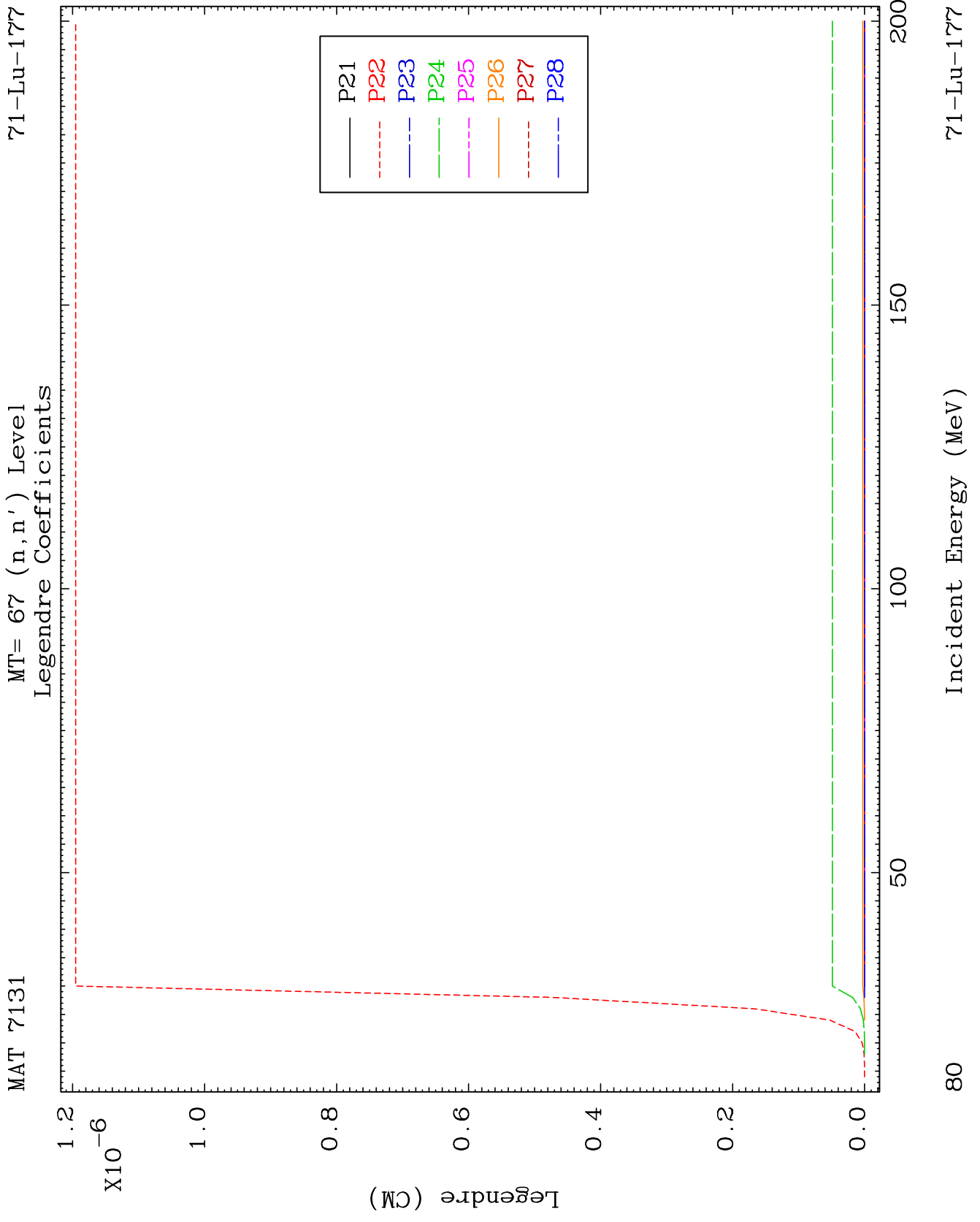


71-Lu-177

Incident Energy (MeV)

78

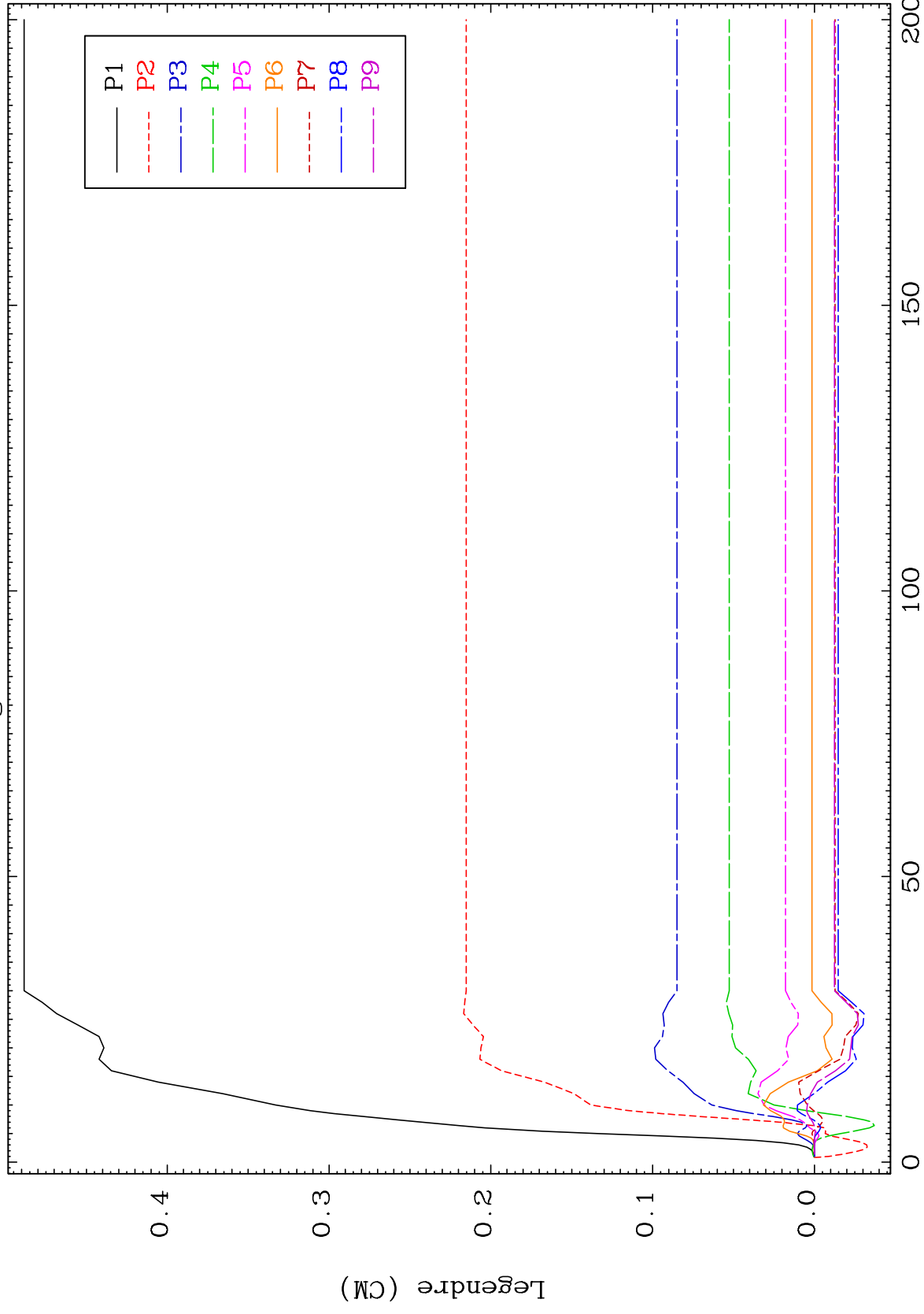




MAT 7131

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

71-Lu-177



81

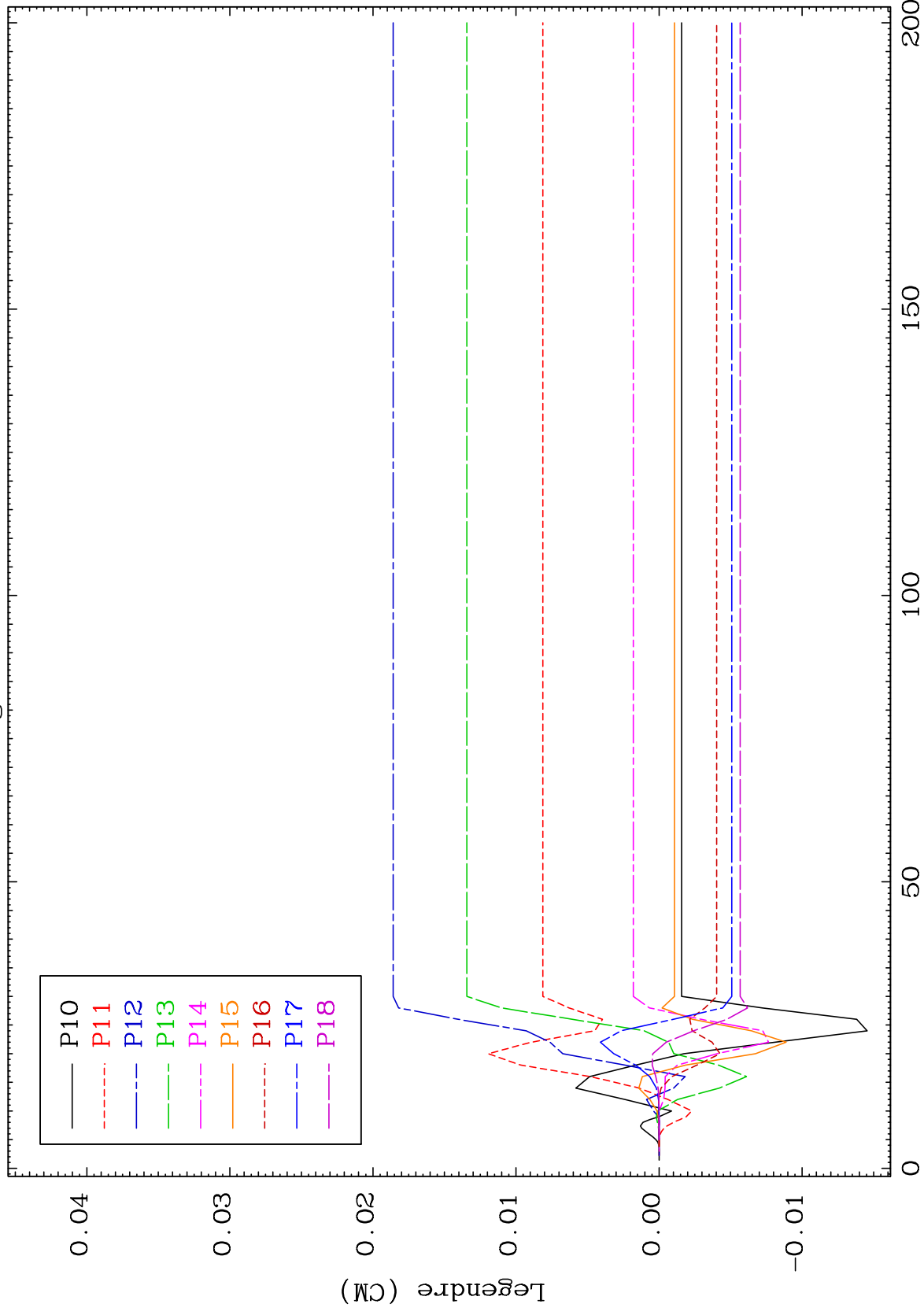
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

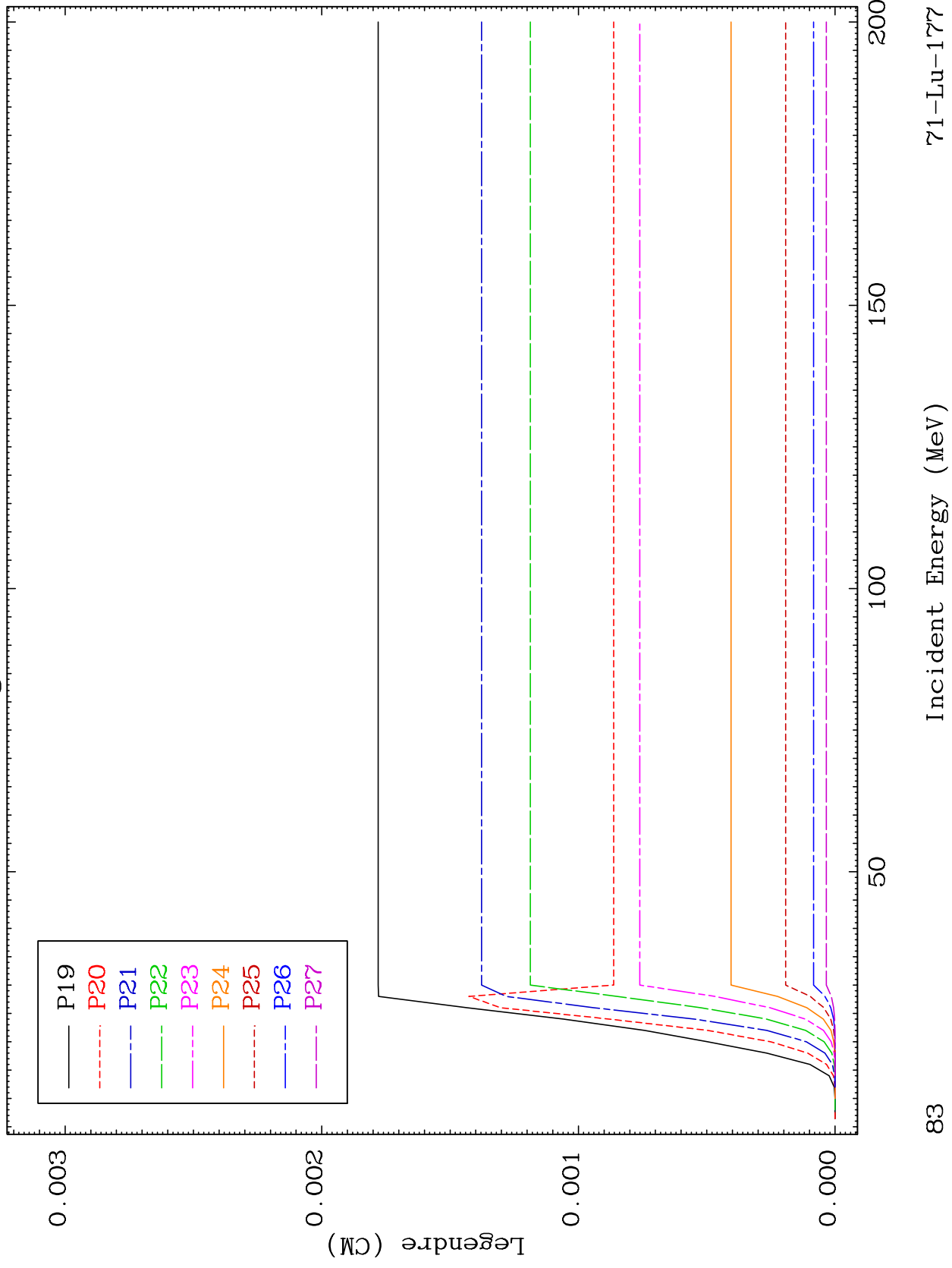
71-Lu-177



82

Incident Energy (MeV)

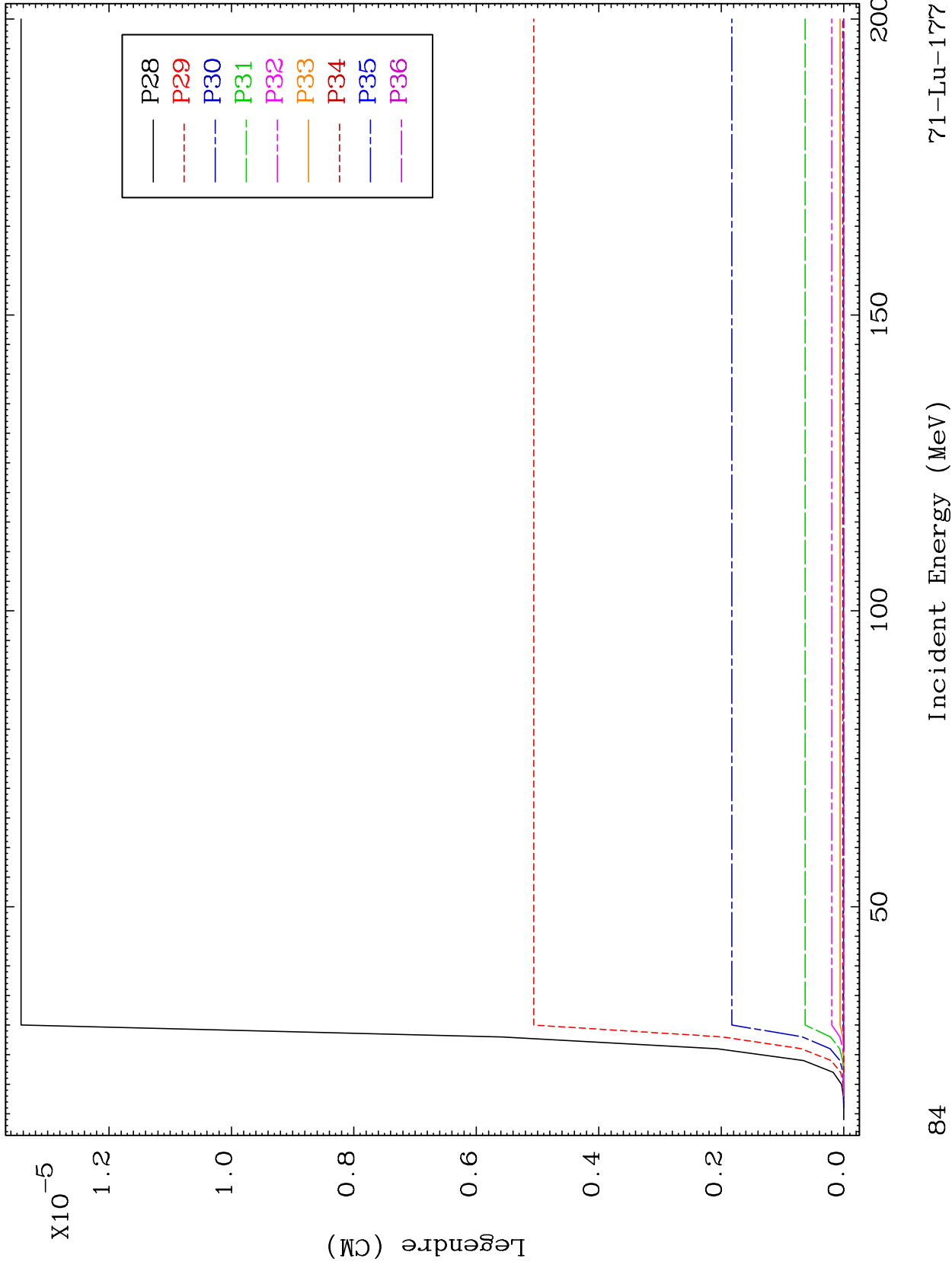
71-Lu-177

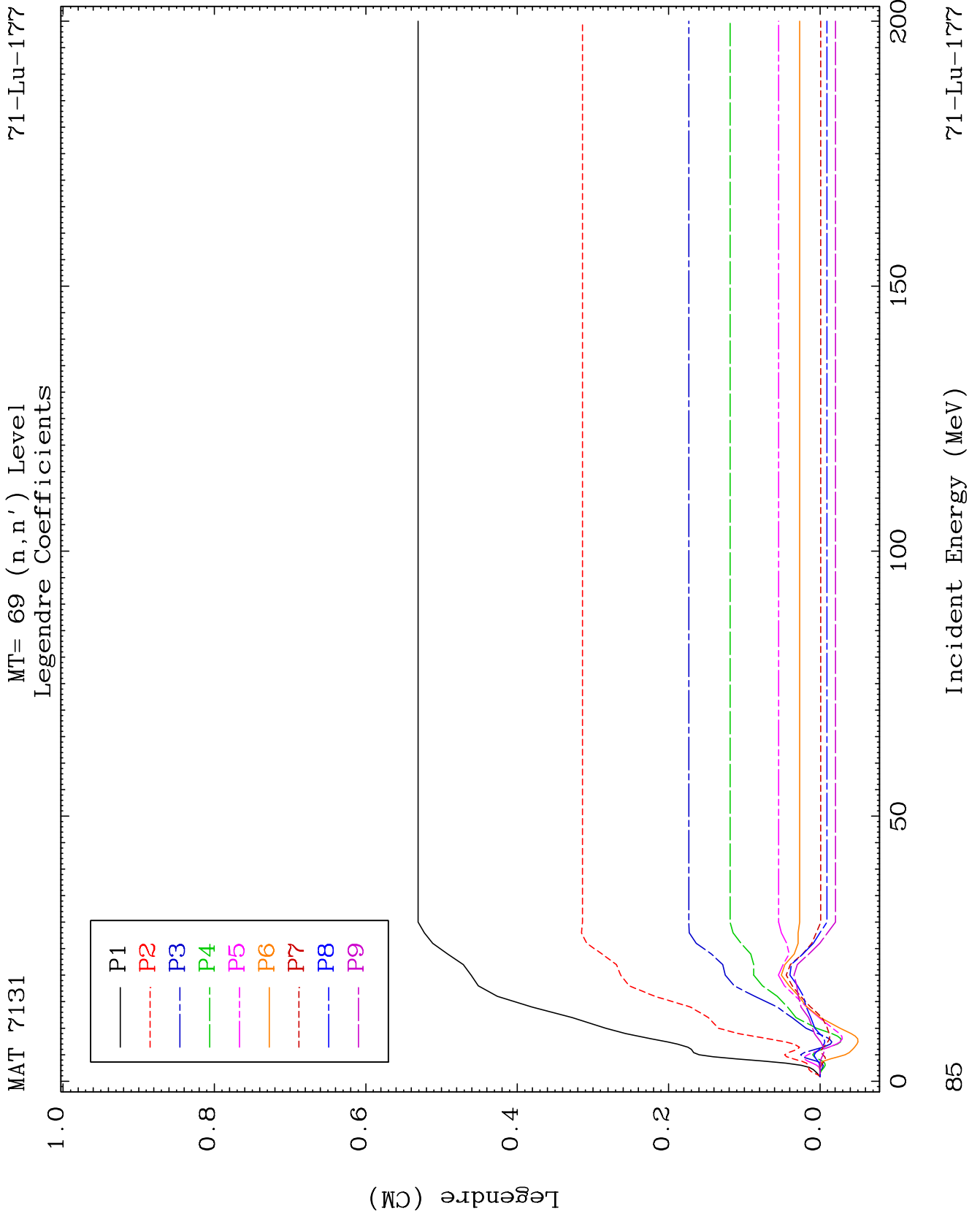


MAT 7131

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

71-Lu-177

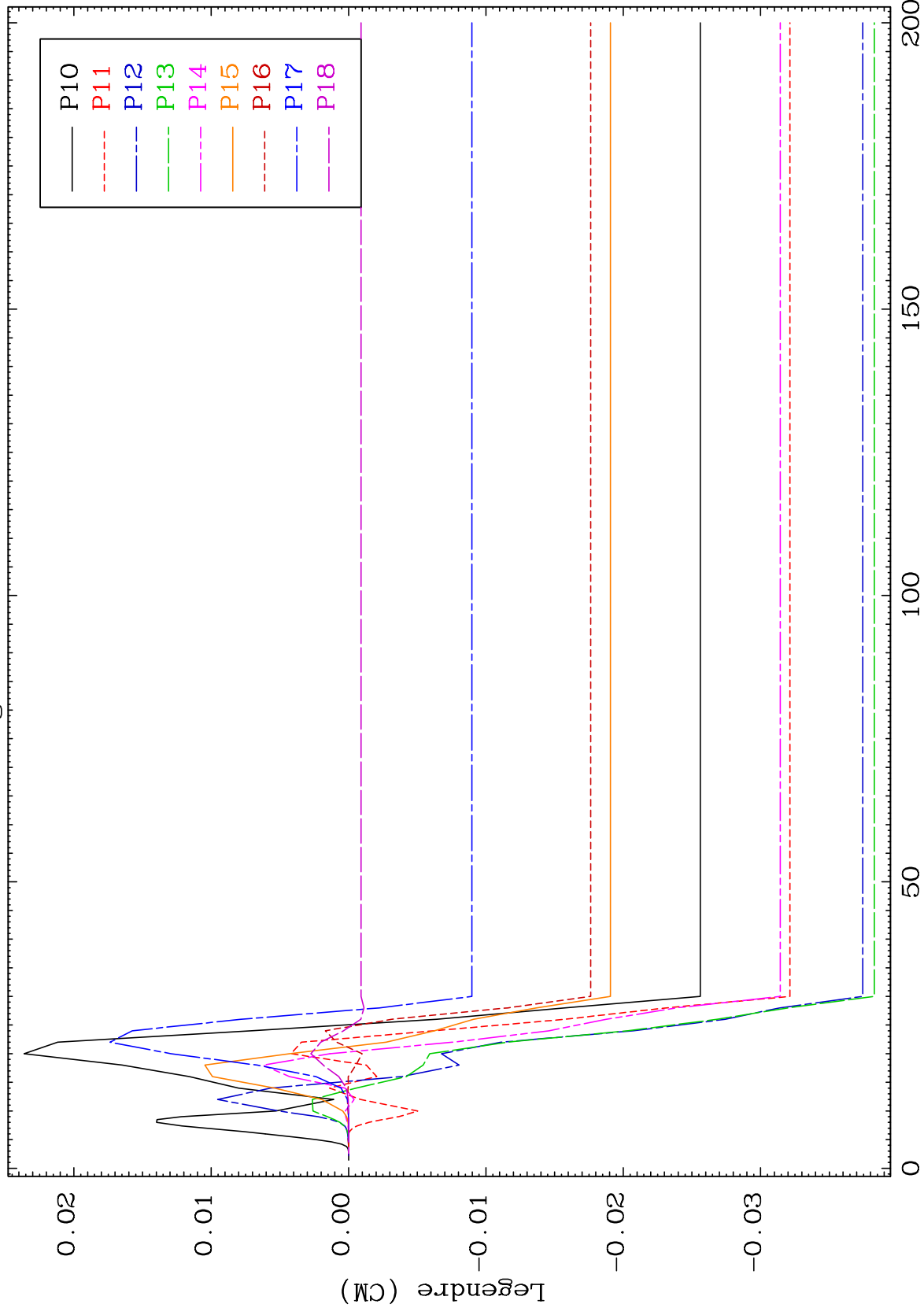




MAT 7131

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

71-Lu-177



86

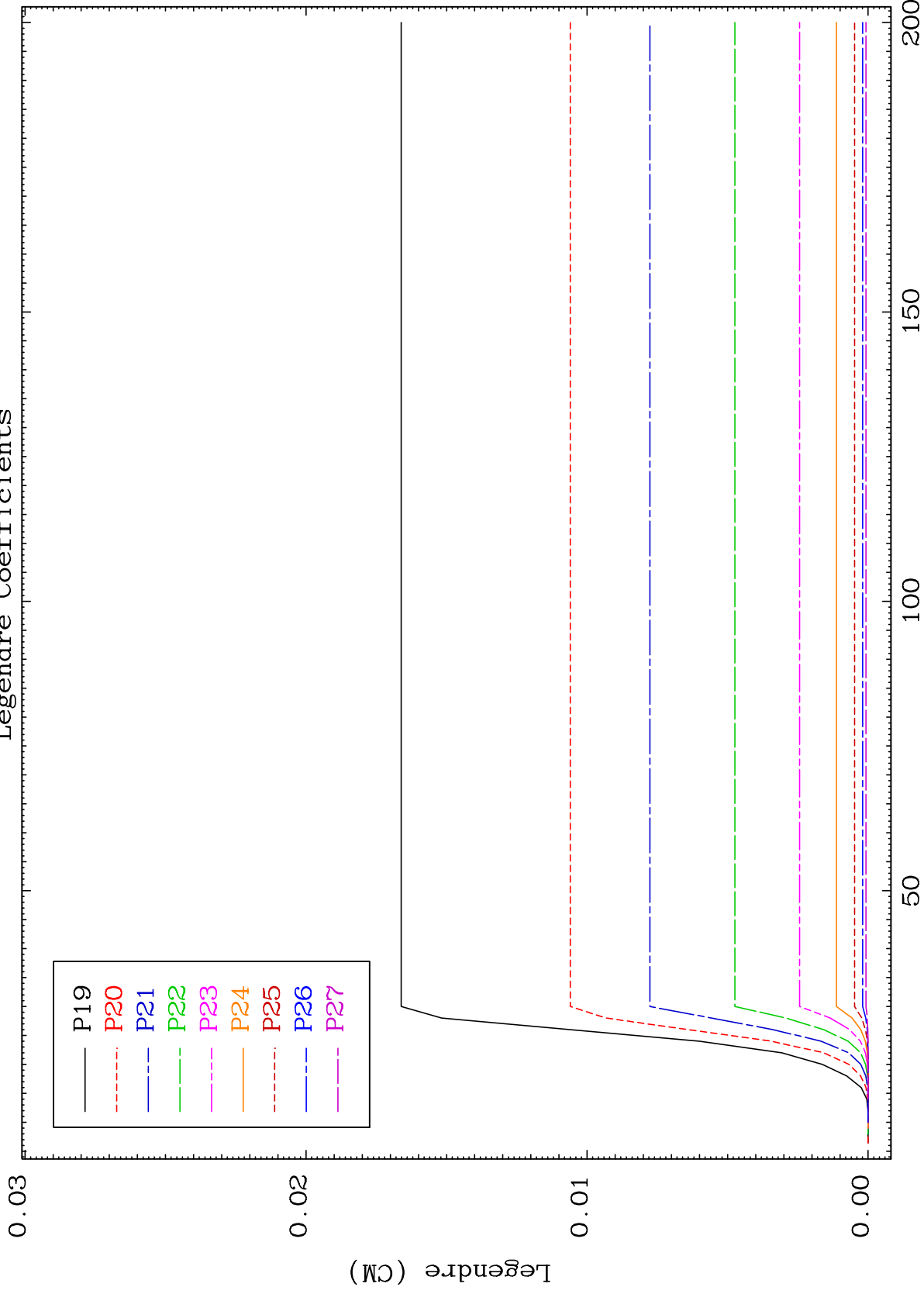
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

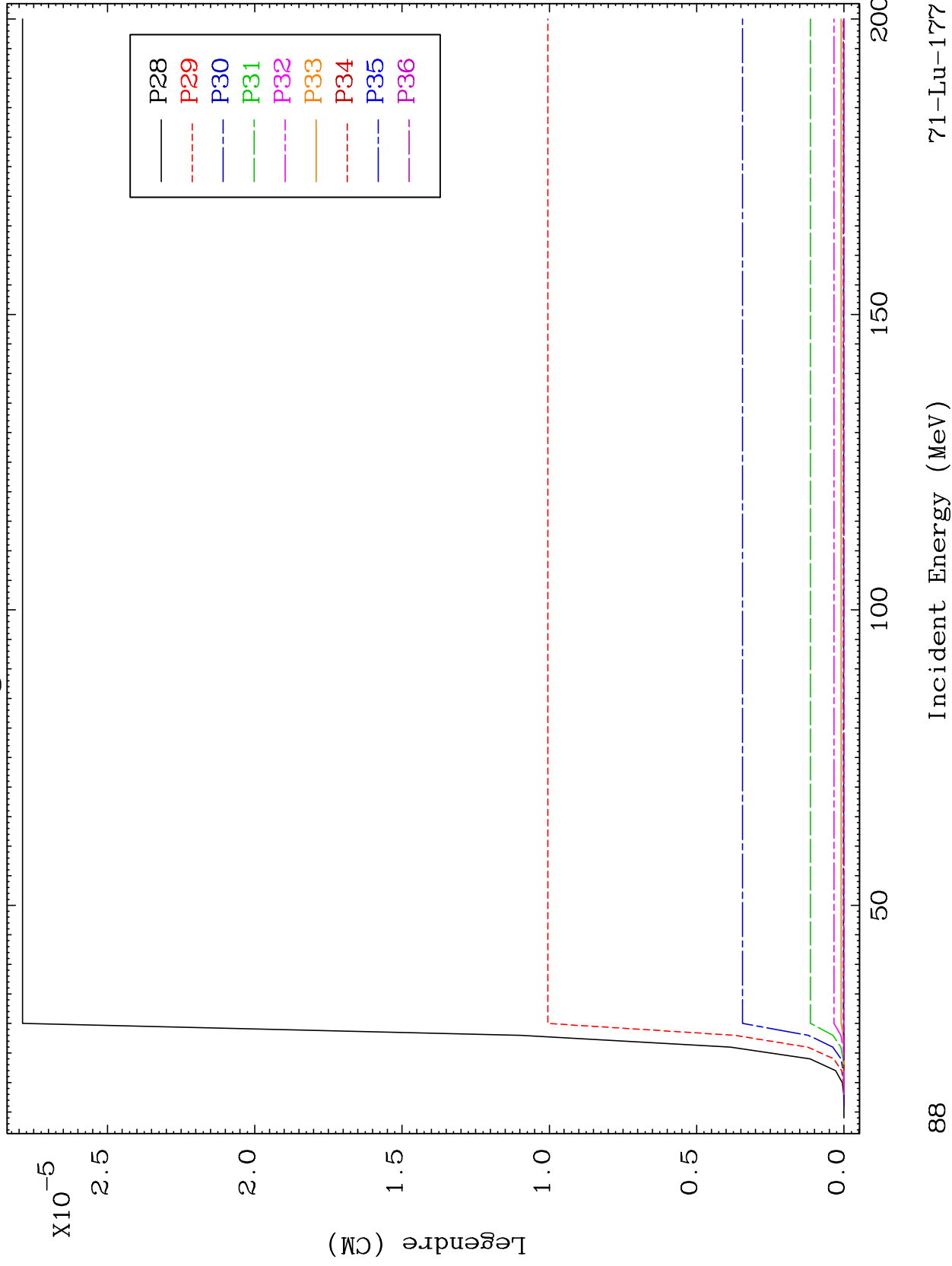
71-Lu-177



87

Incident Energy (MeV)

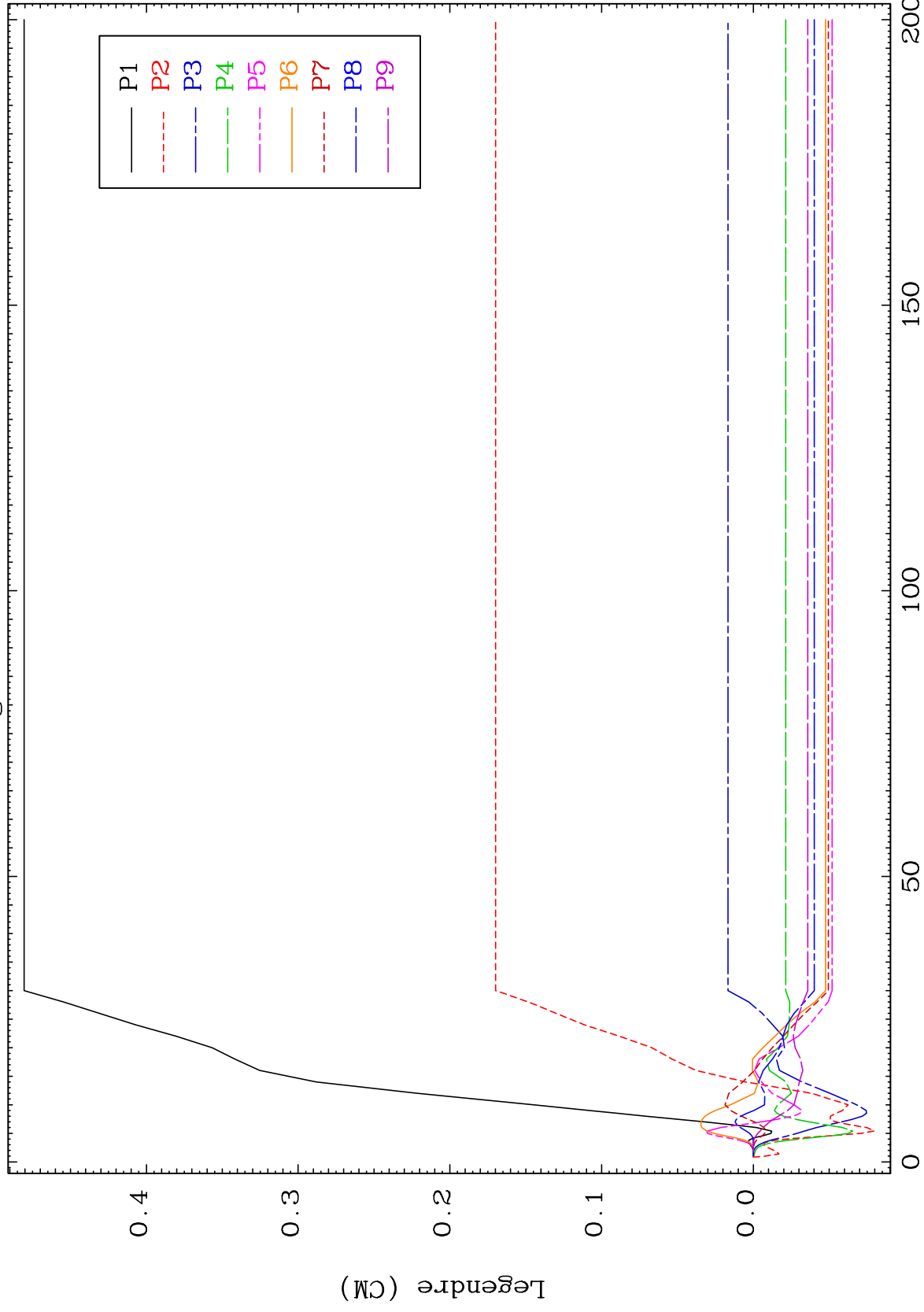
71-Lu-177



MAT 7131

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

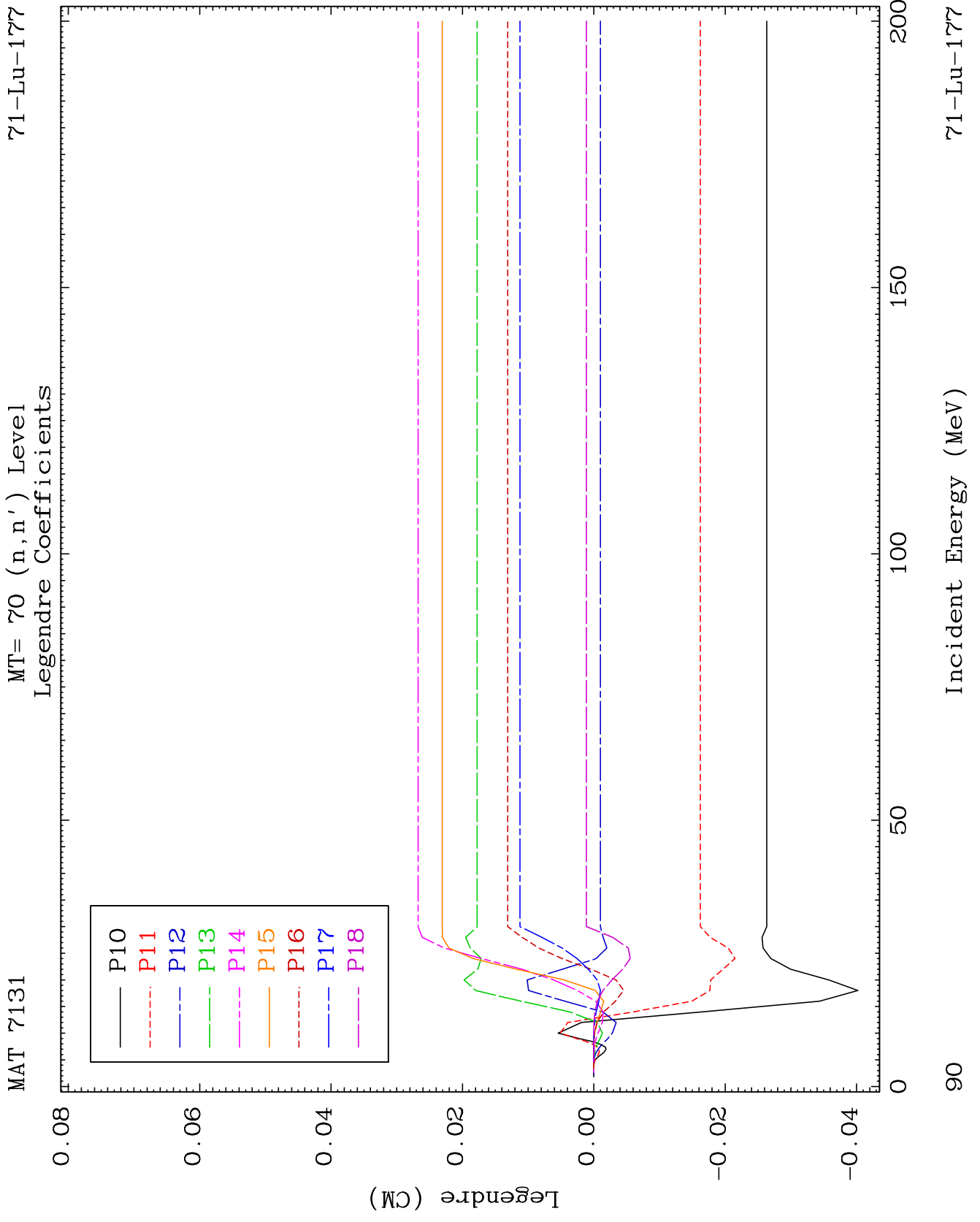
71-Lu-177



89

Incident Energy (MeV)

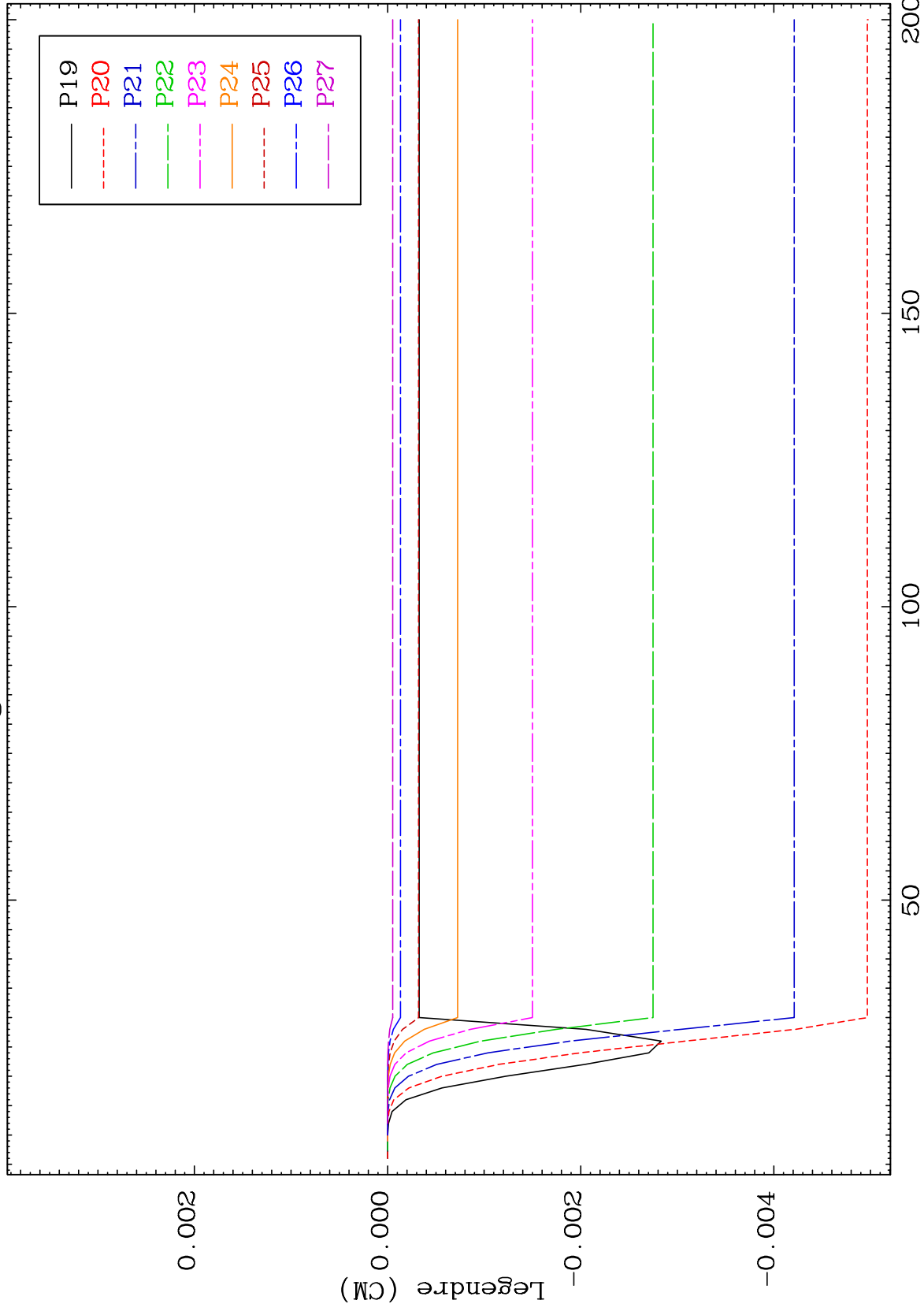
71-Lu-177



MAT 7131

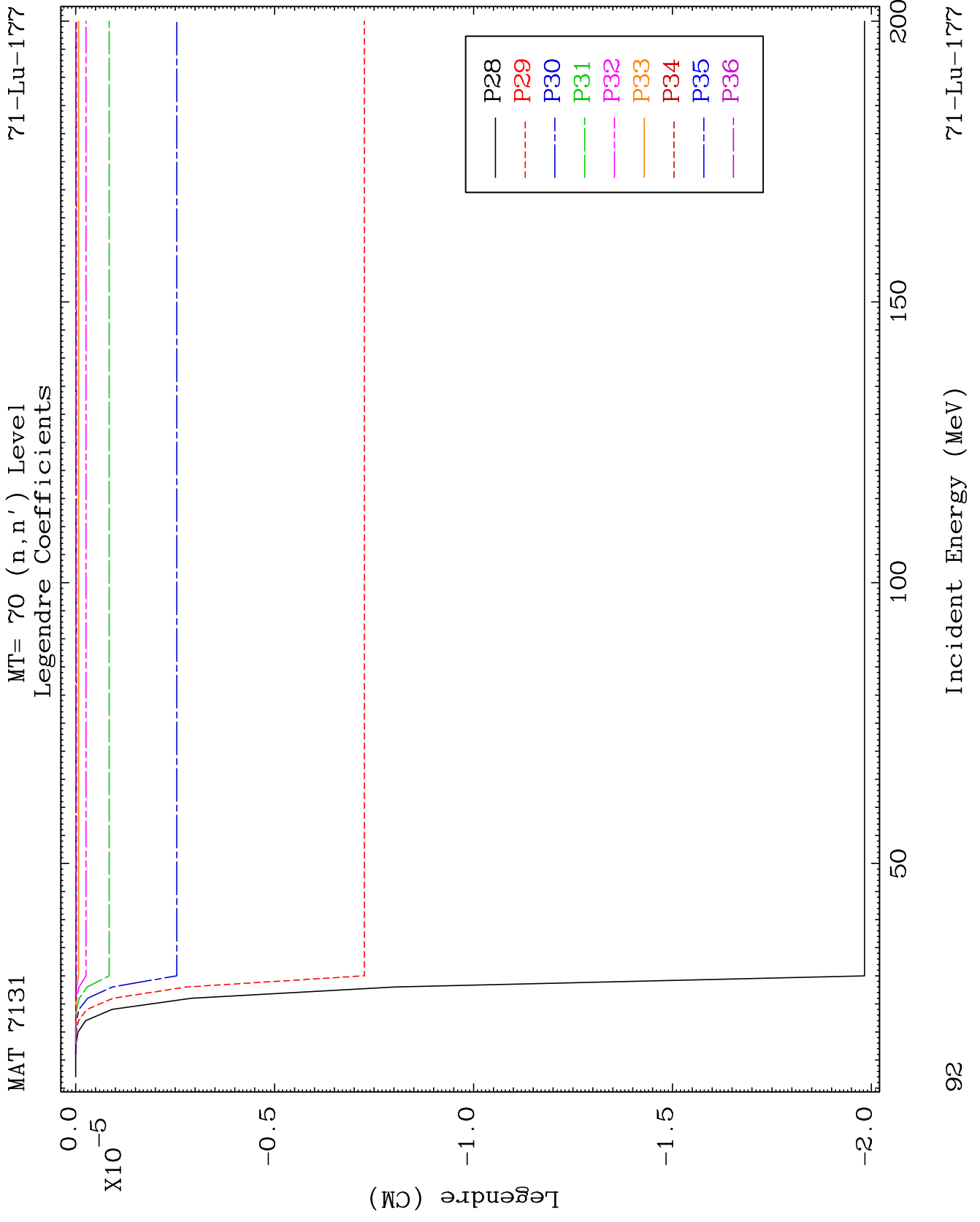
MT= 70 (n,n') Level
Legendre Coefficients

71-Lu-177



91

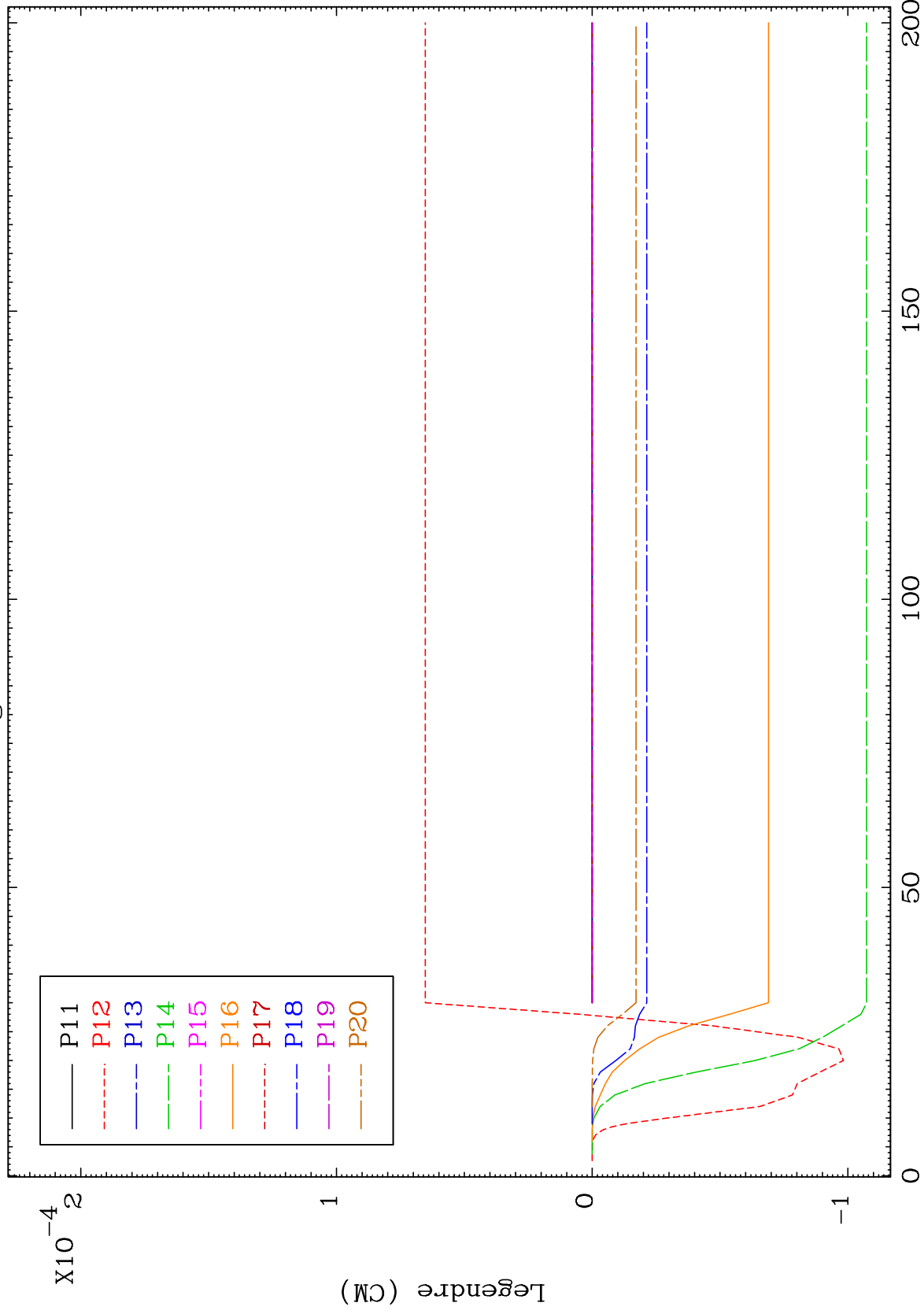
71-Lu-177



MAT 7131

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

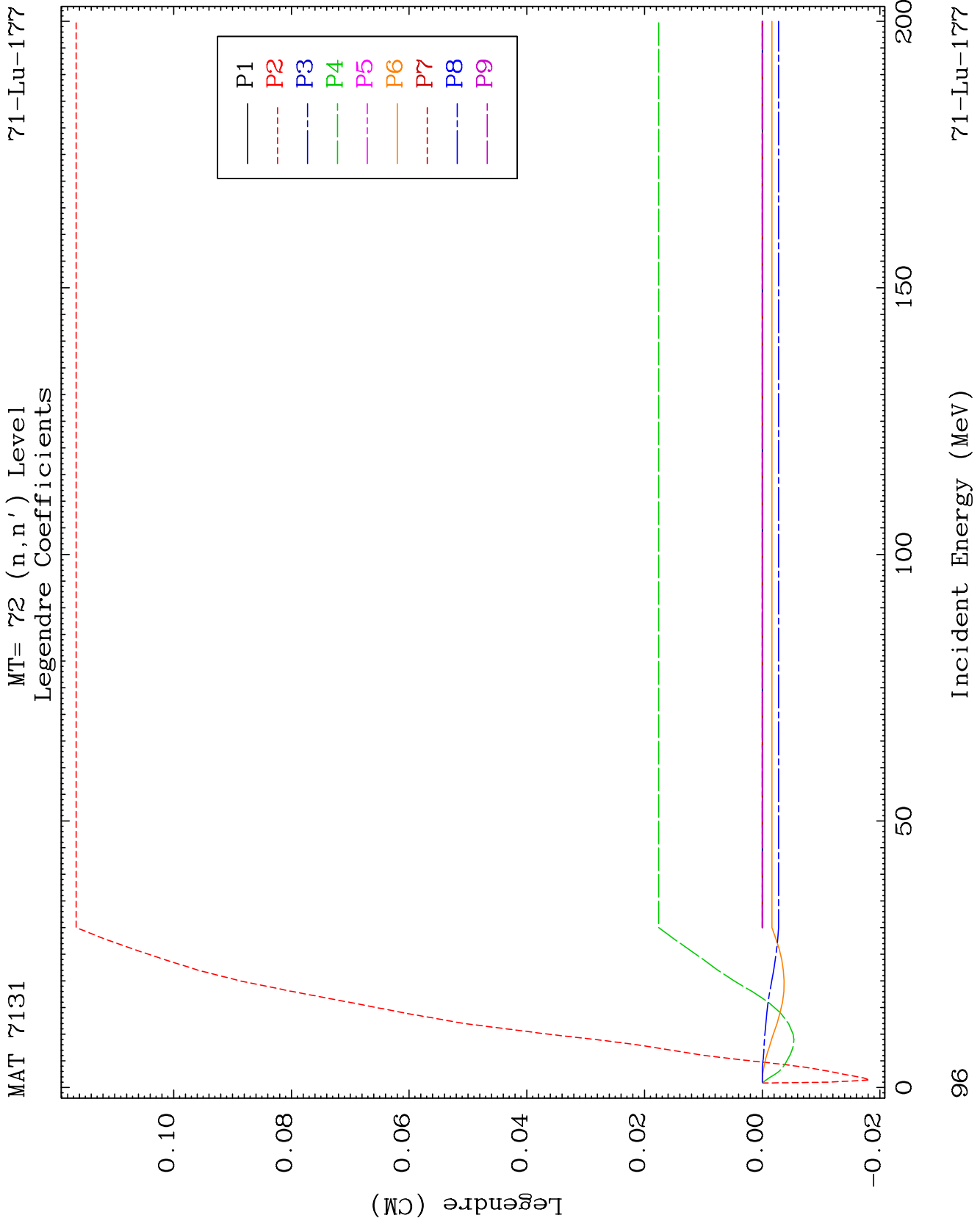
71-Lu-177



94

Incident Energy (MeV)

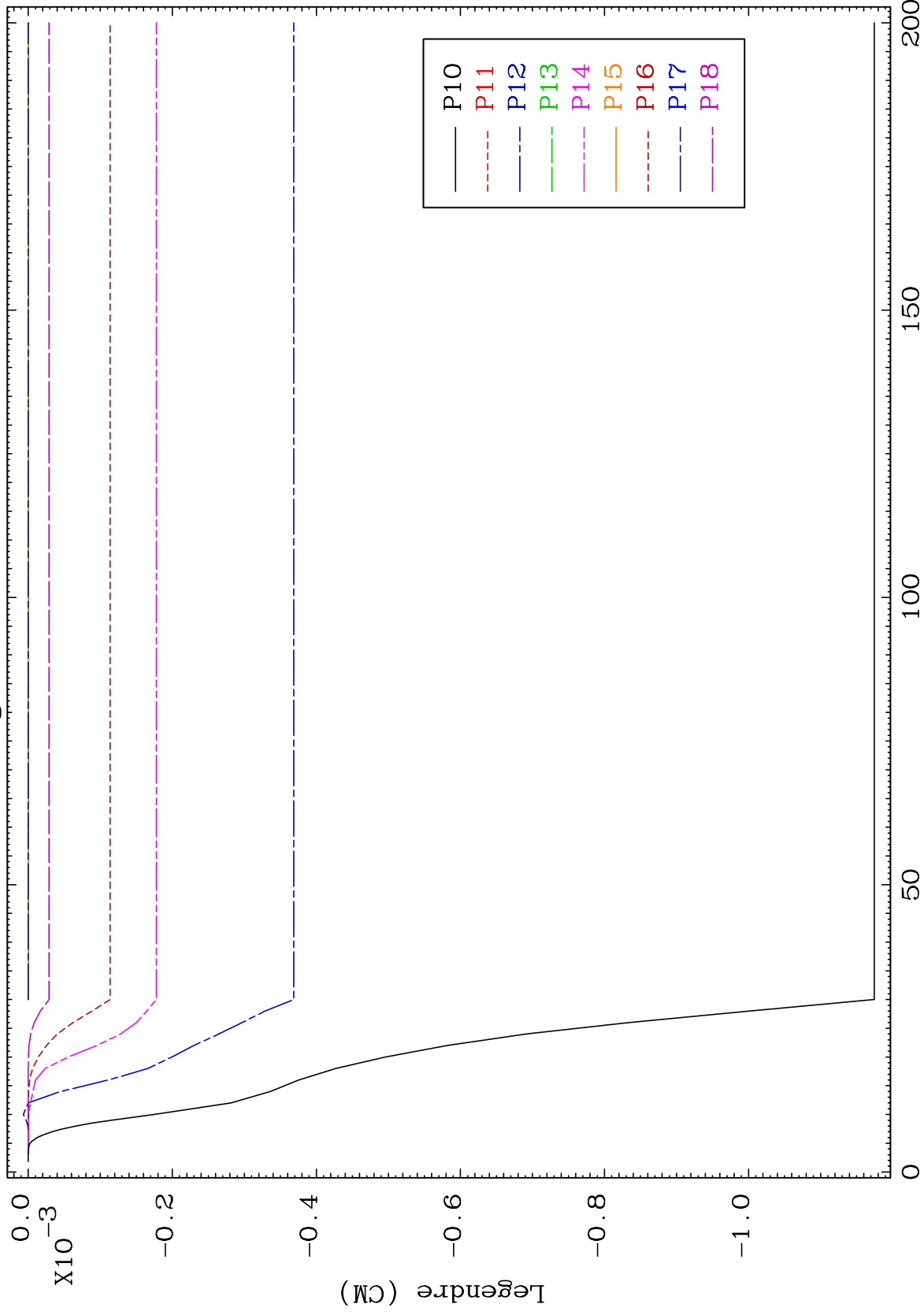
71-Lu-177



MAT 7131

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

71-Lu-177



97

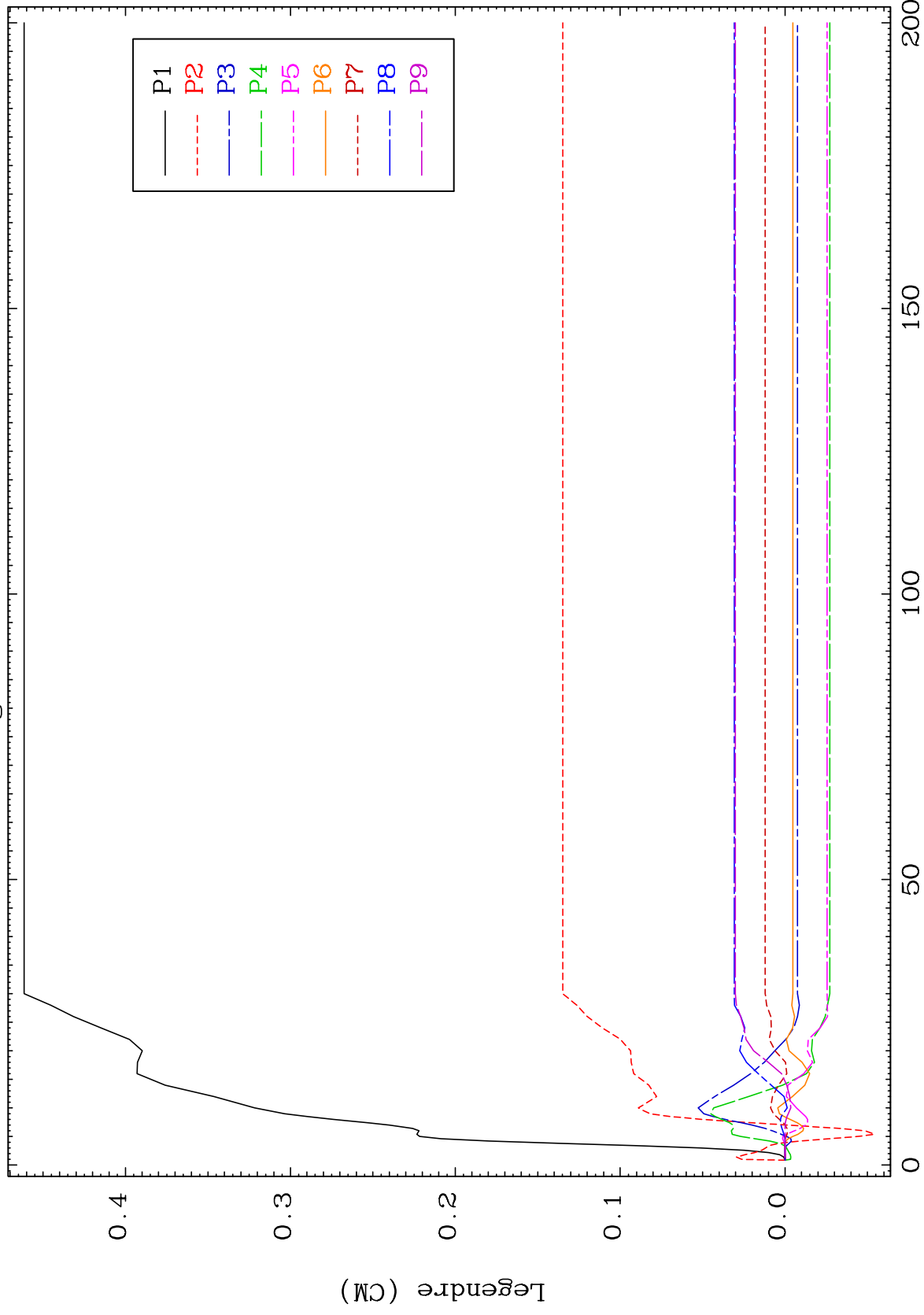
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



99

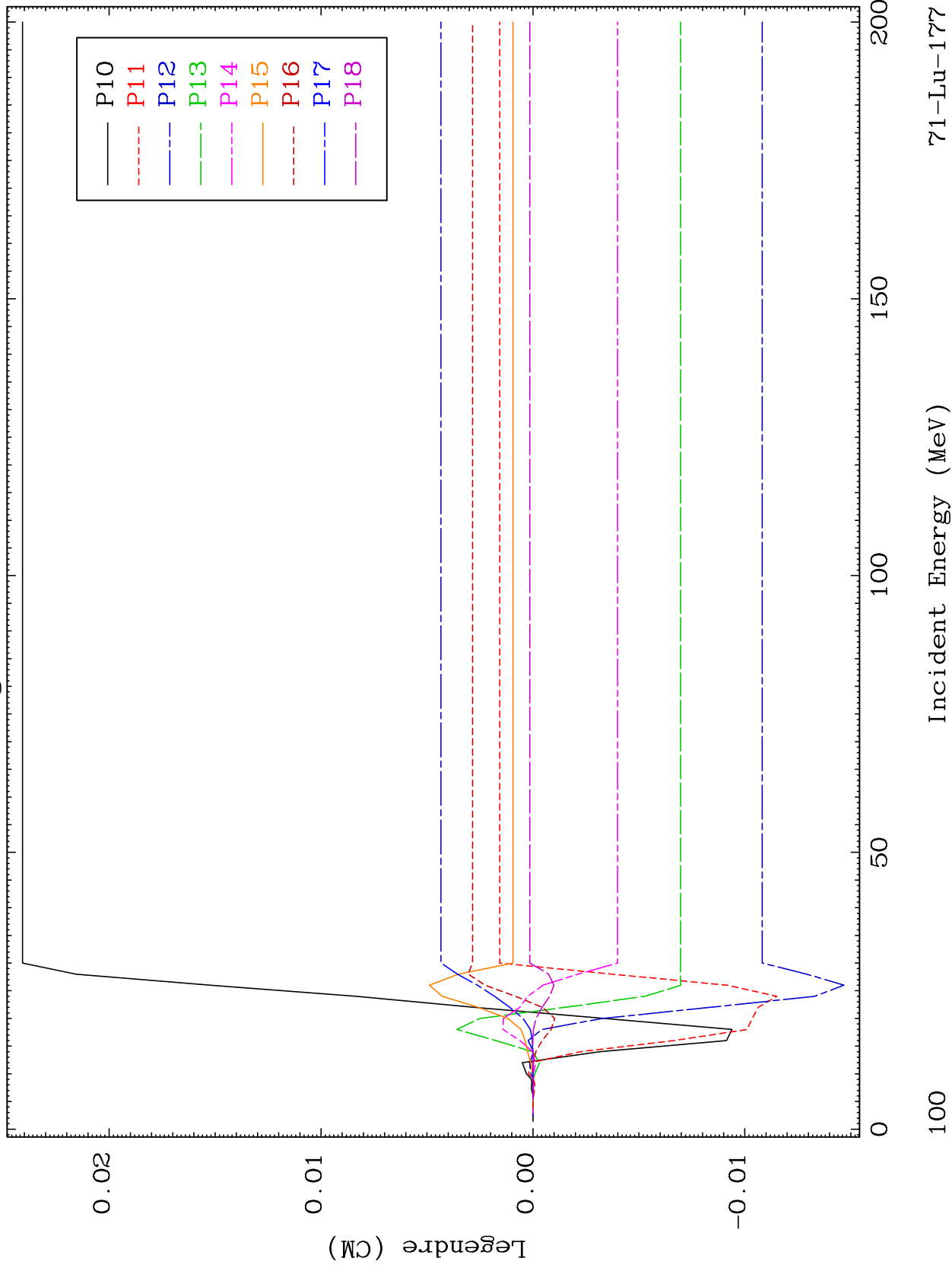
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

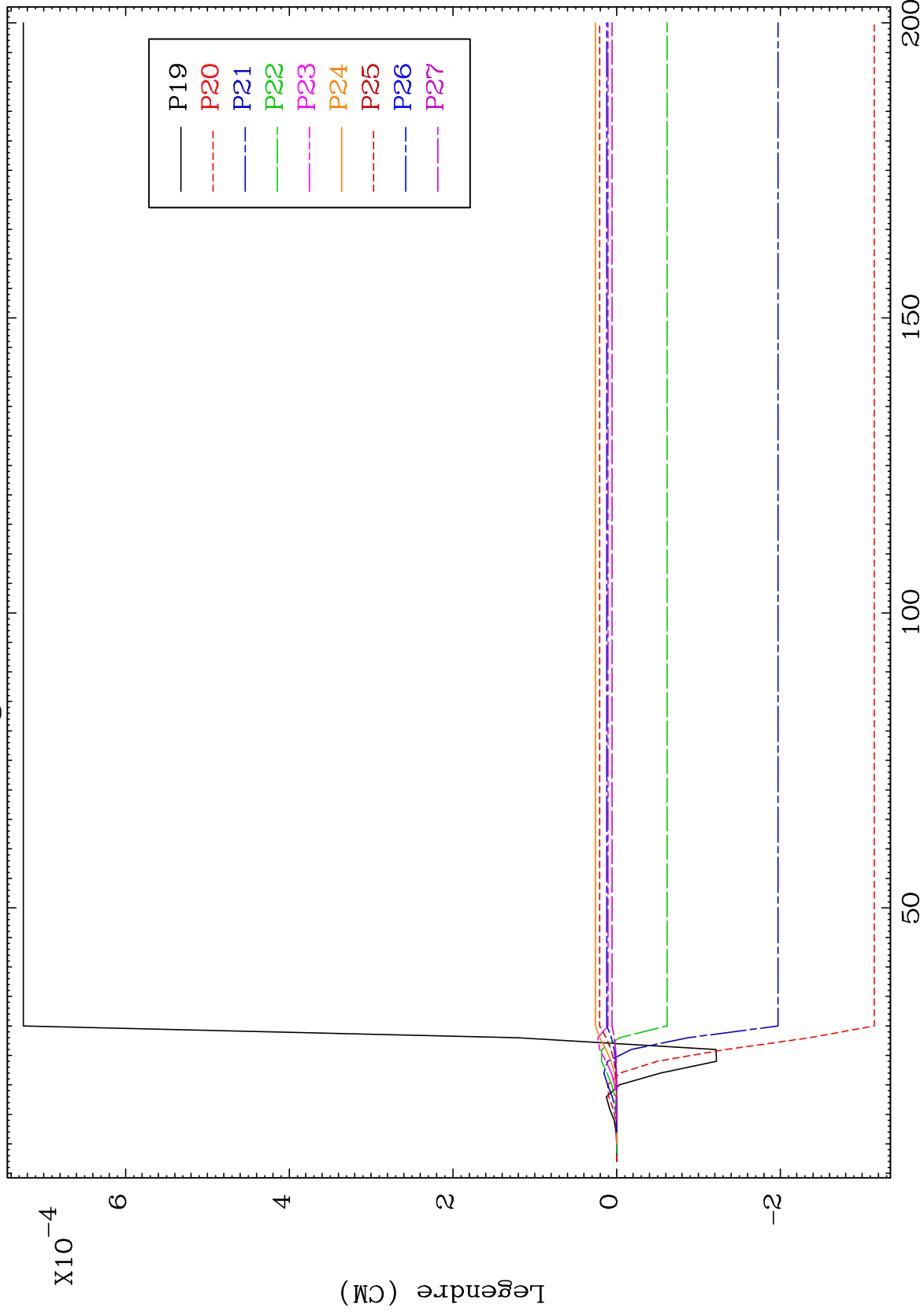
Incident Energy (MeV)

100

MAT 7131

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

71-Lu-177



101

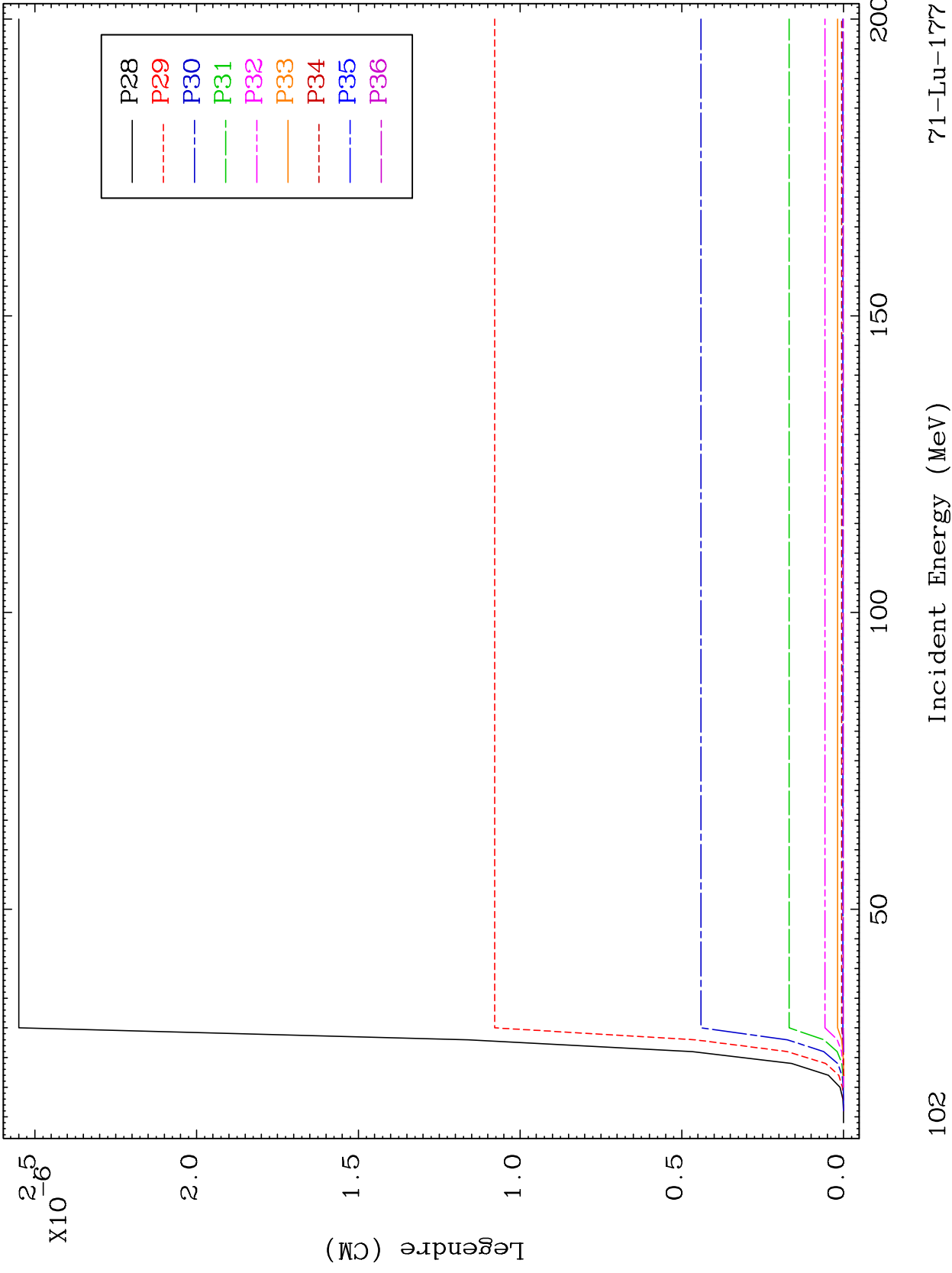
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



102

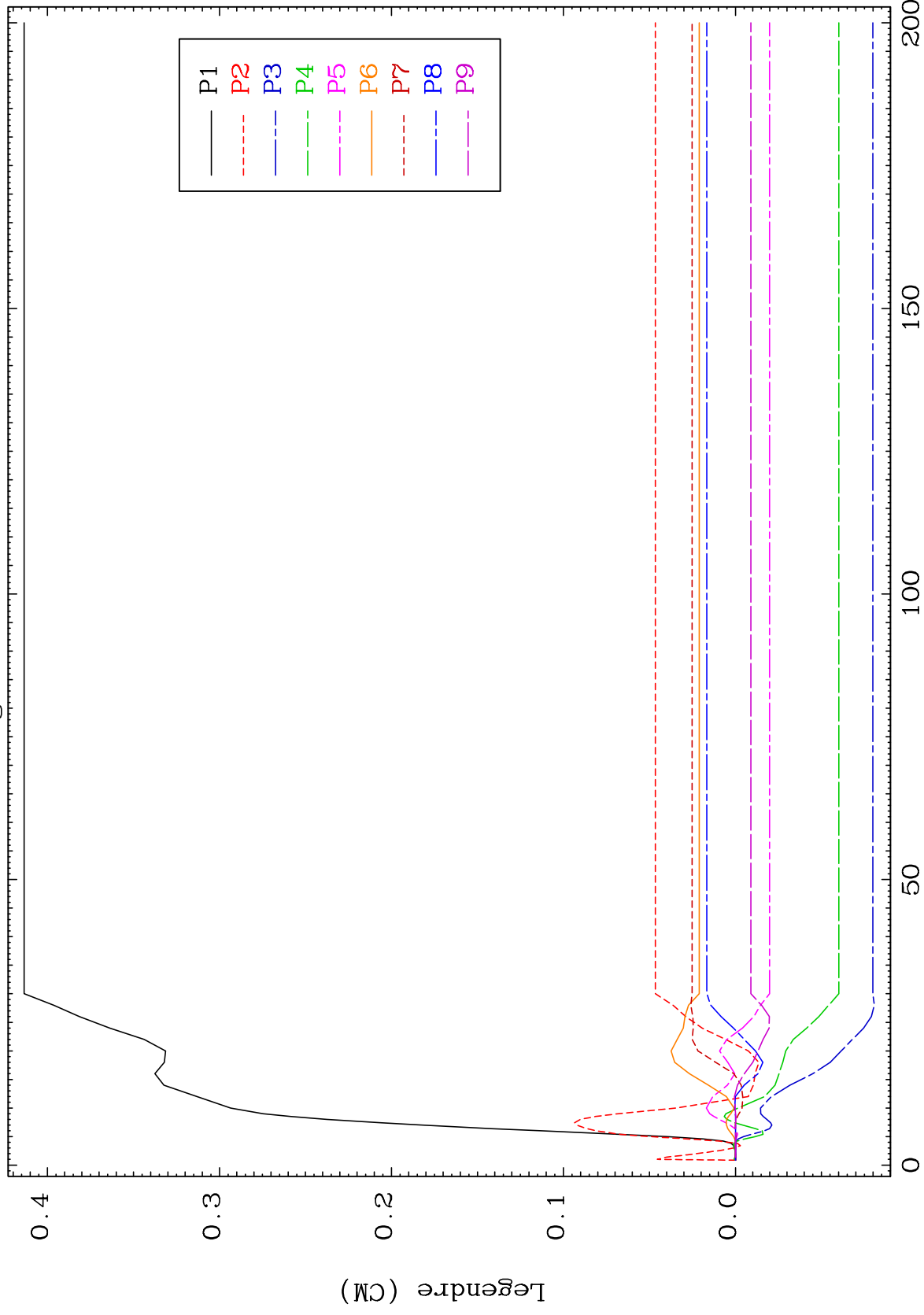
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



103

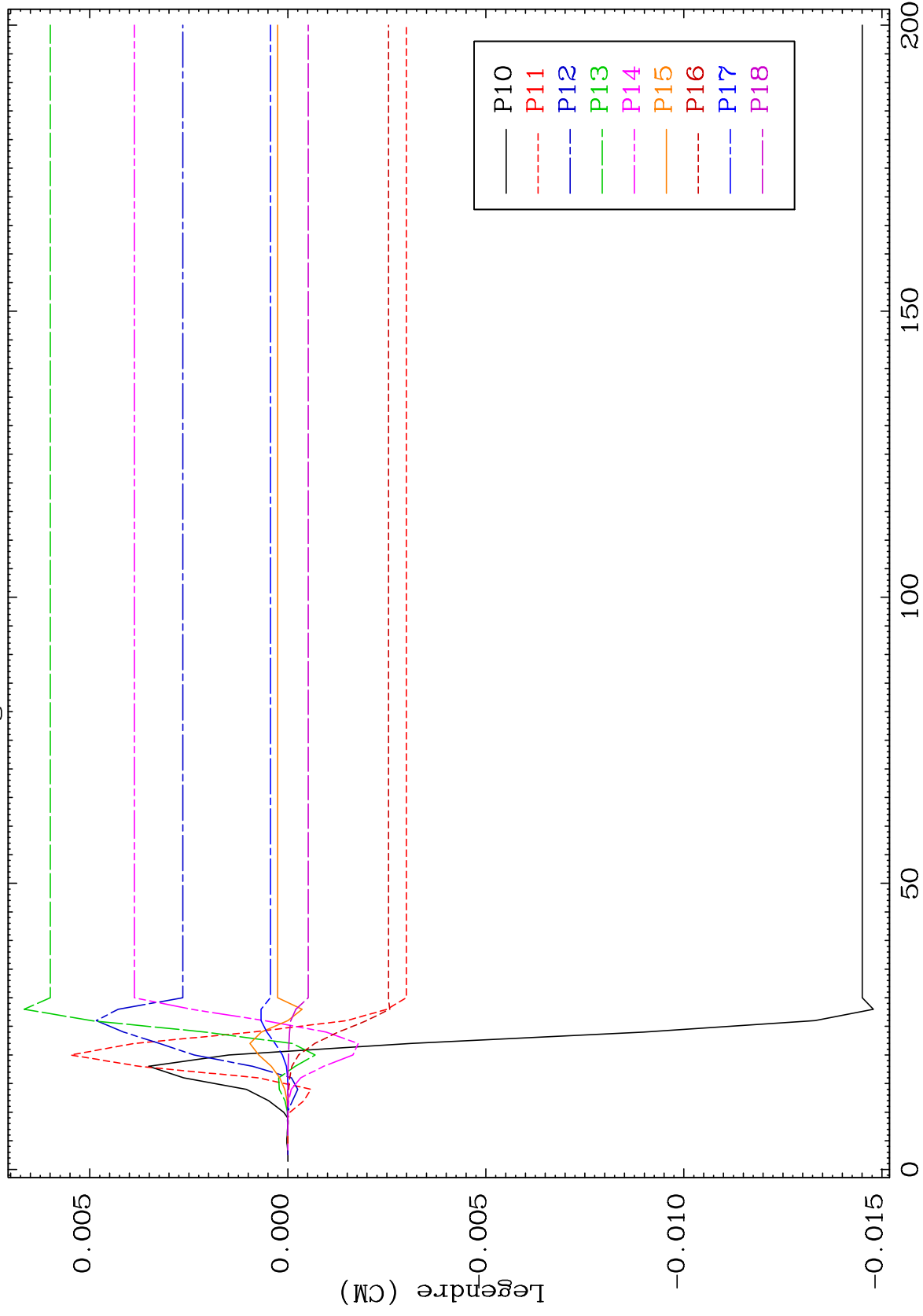
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



104

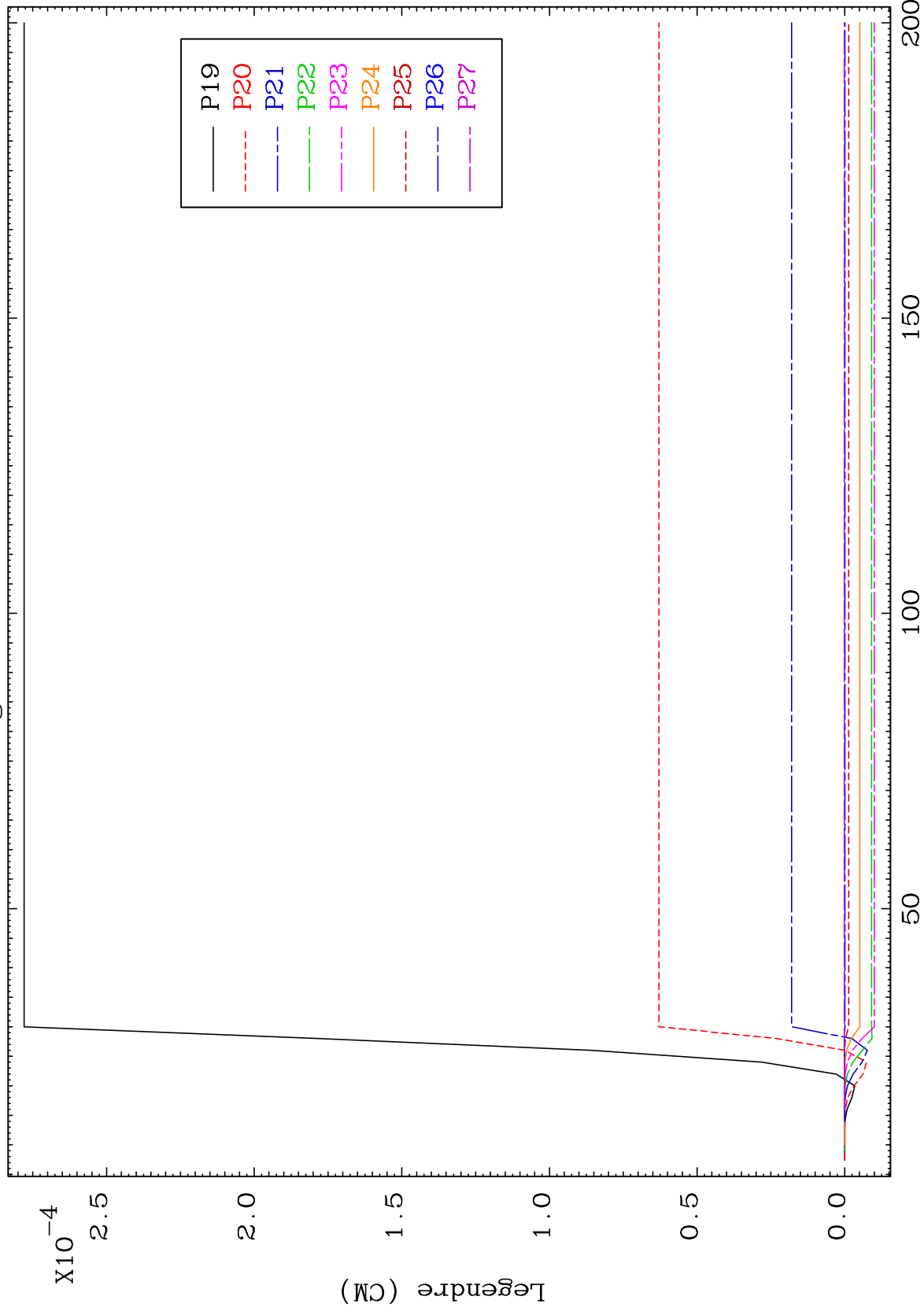
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



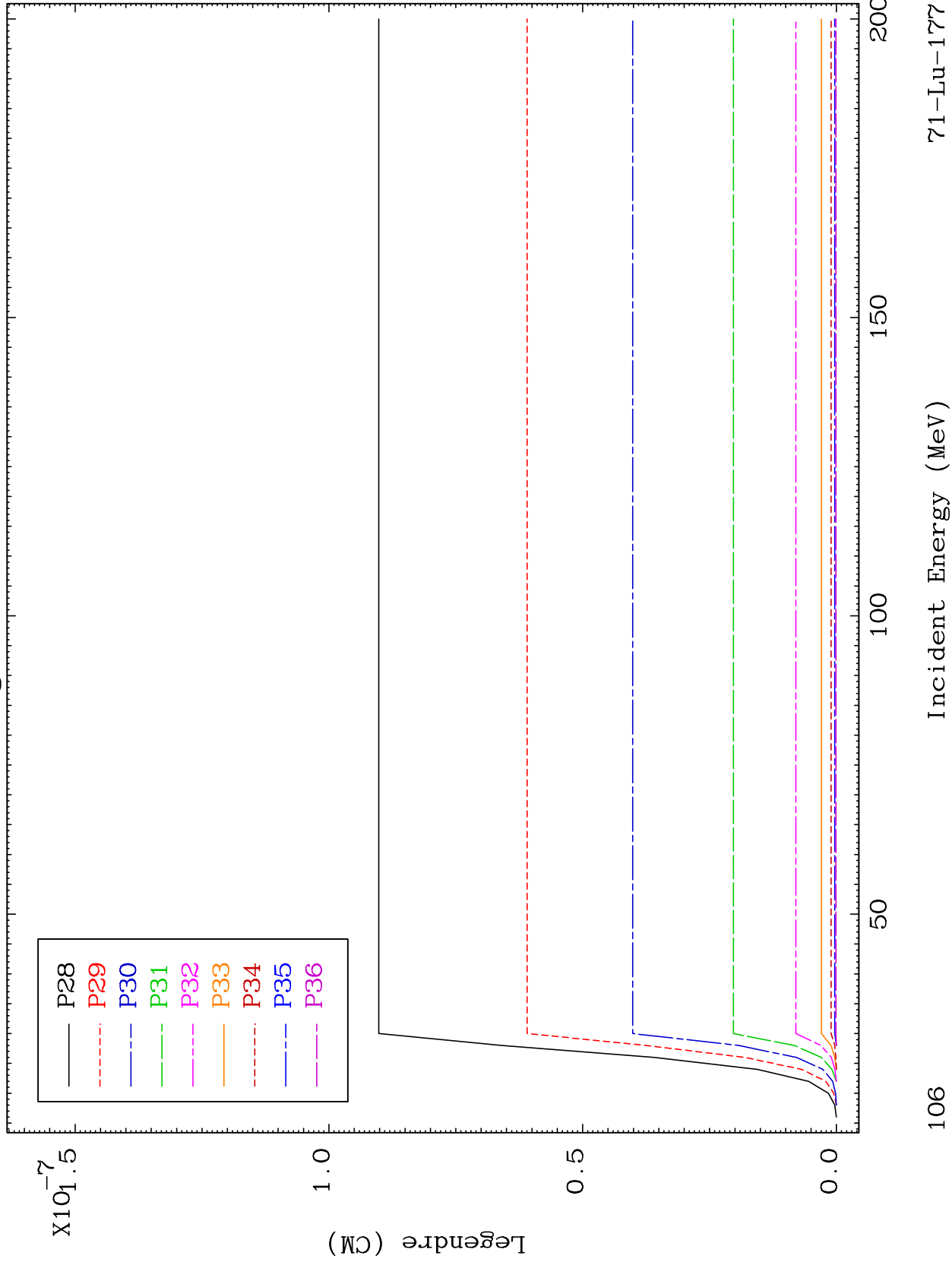
105

71-Lu-177

MAT 7131

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

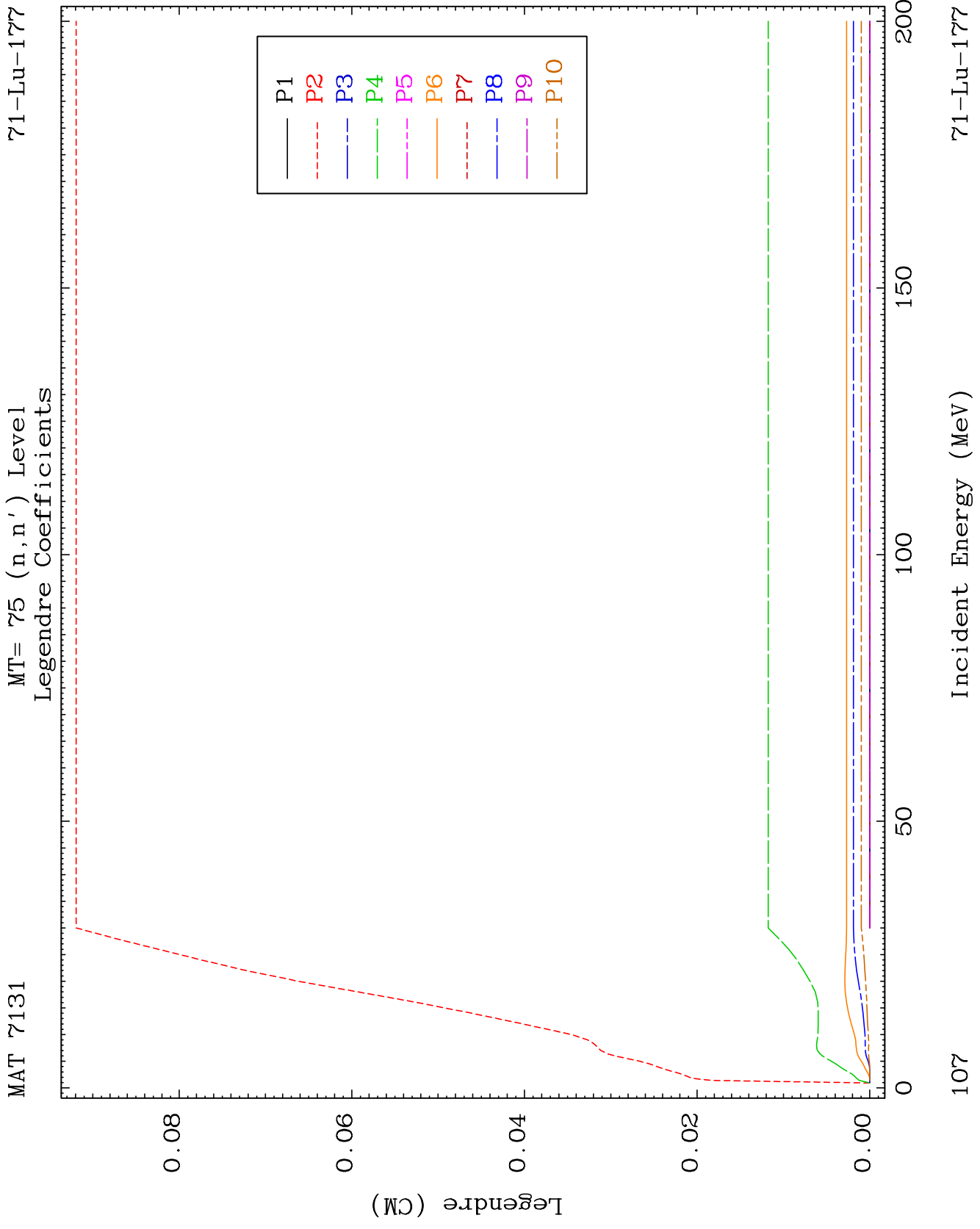
71-Lu-177

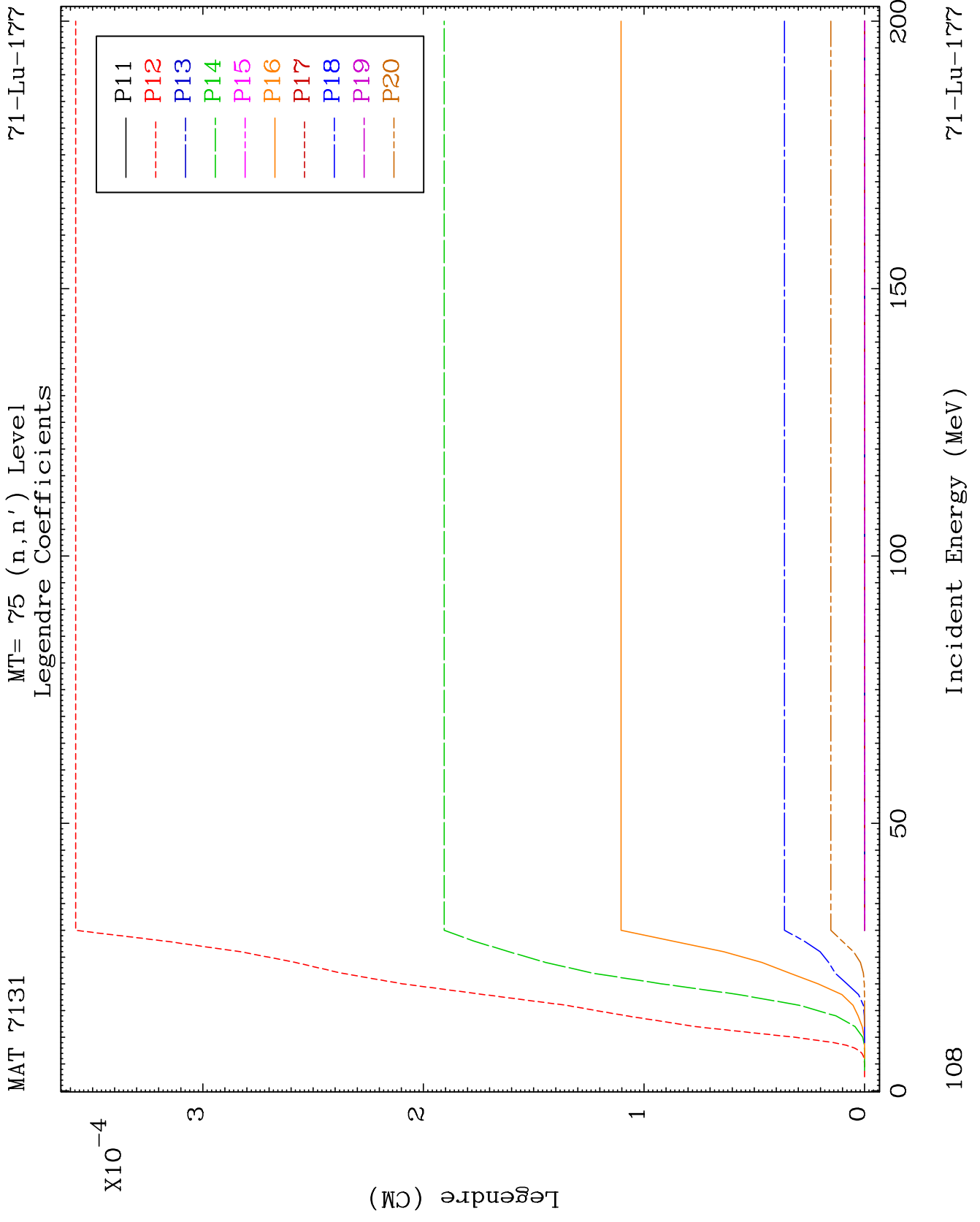


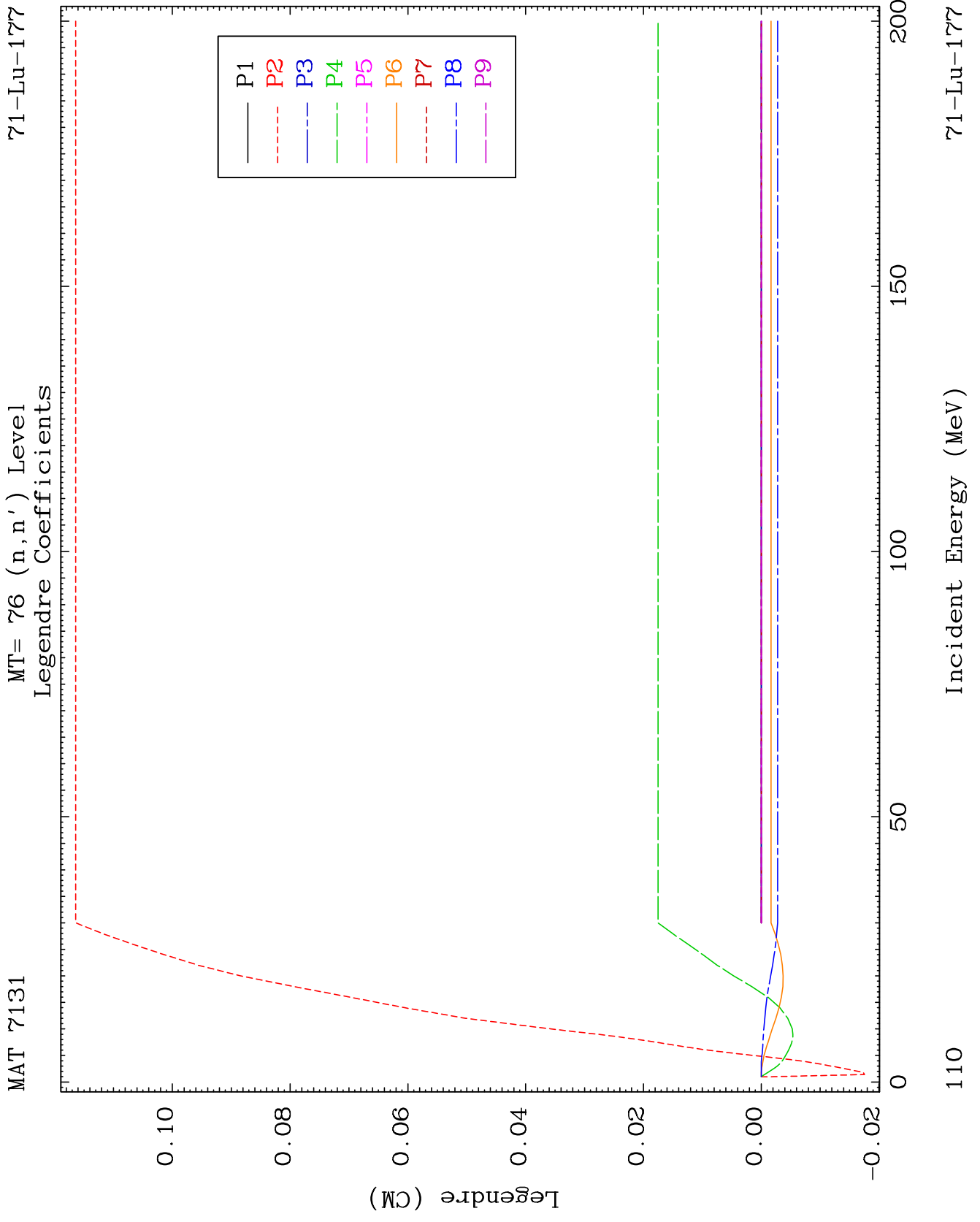
106

Incident Energy (MeV)

71-Lu-177



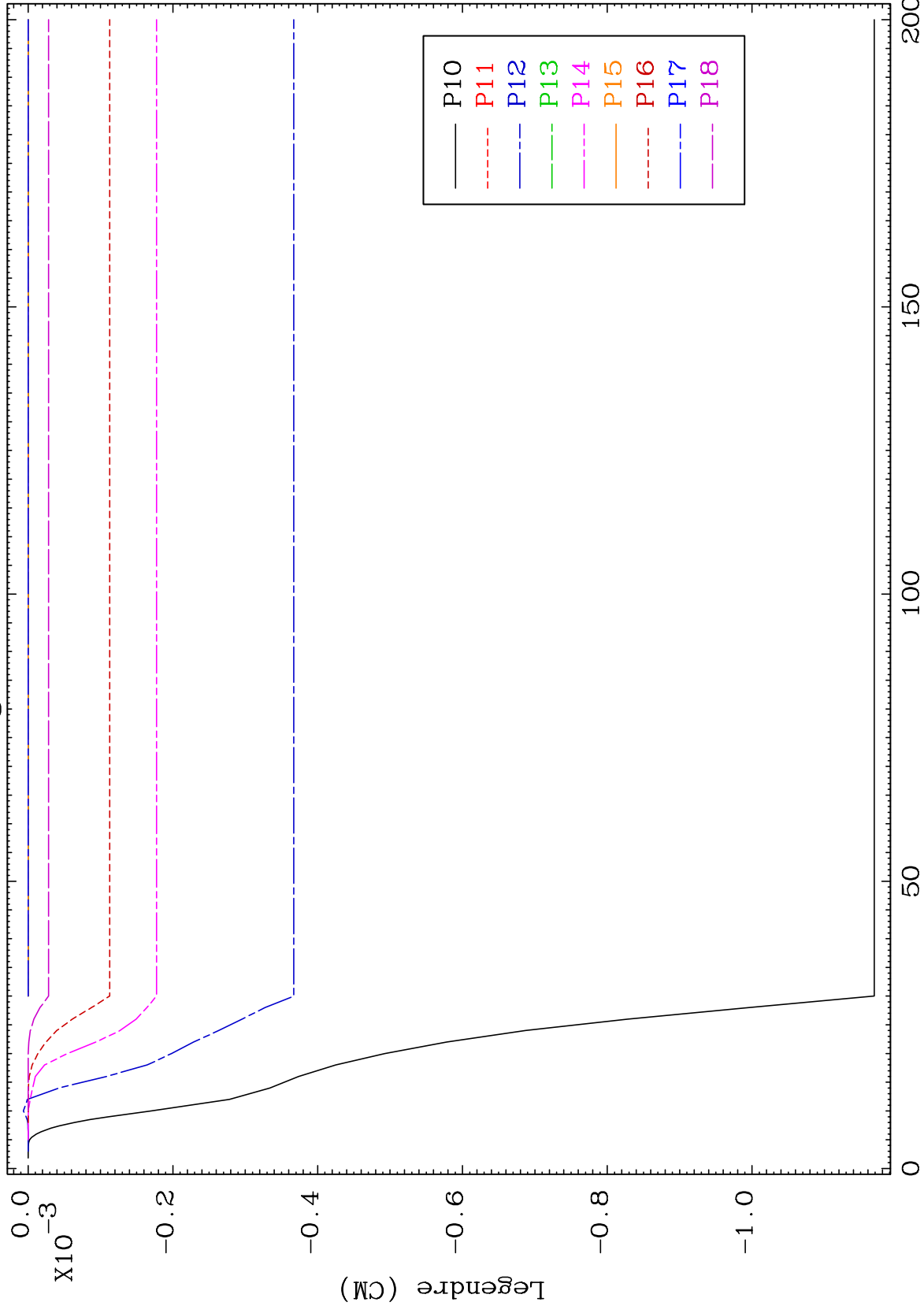




MAT 7131

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

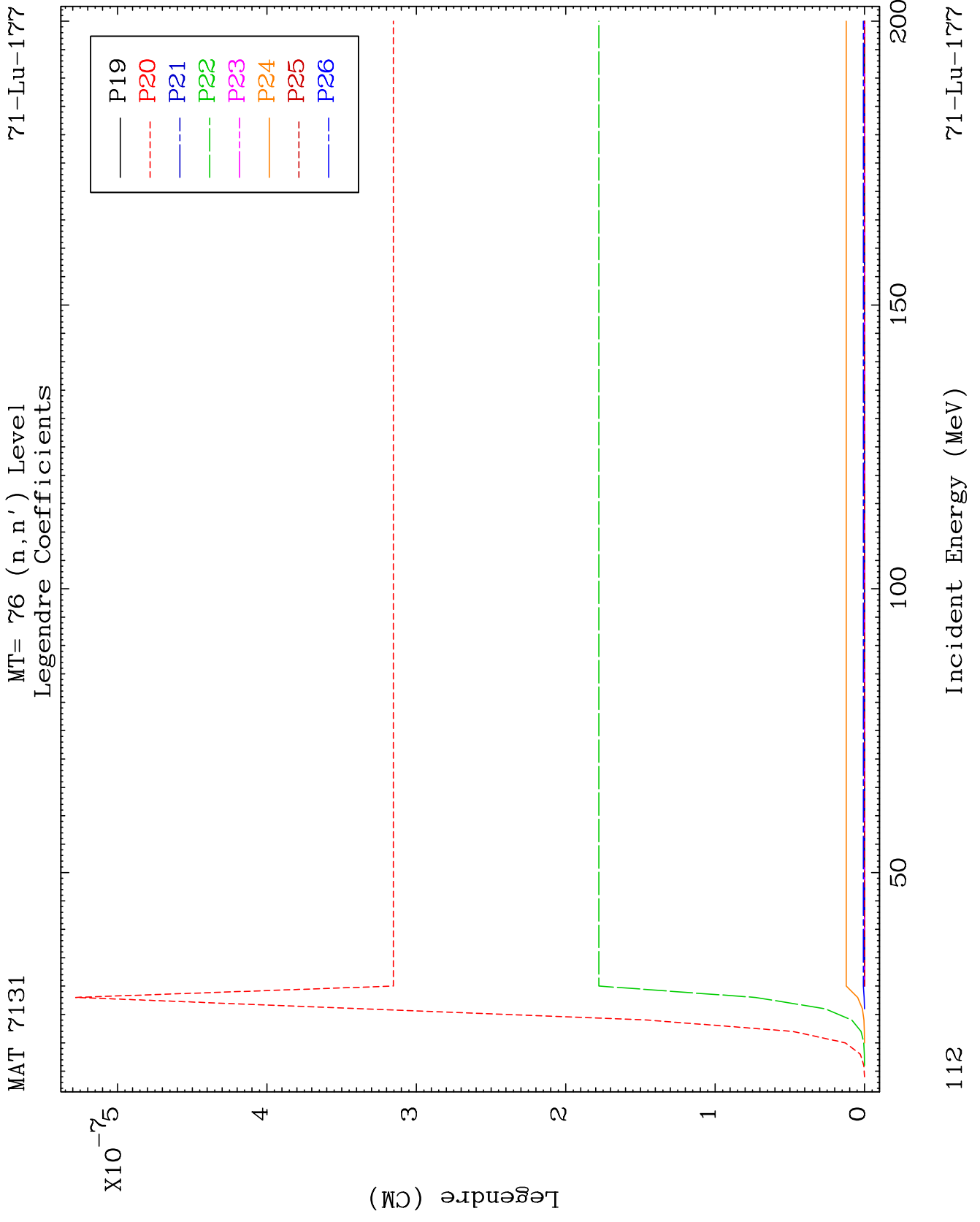
71-Lu-177



111

Incident Energy (MeV)

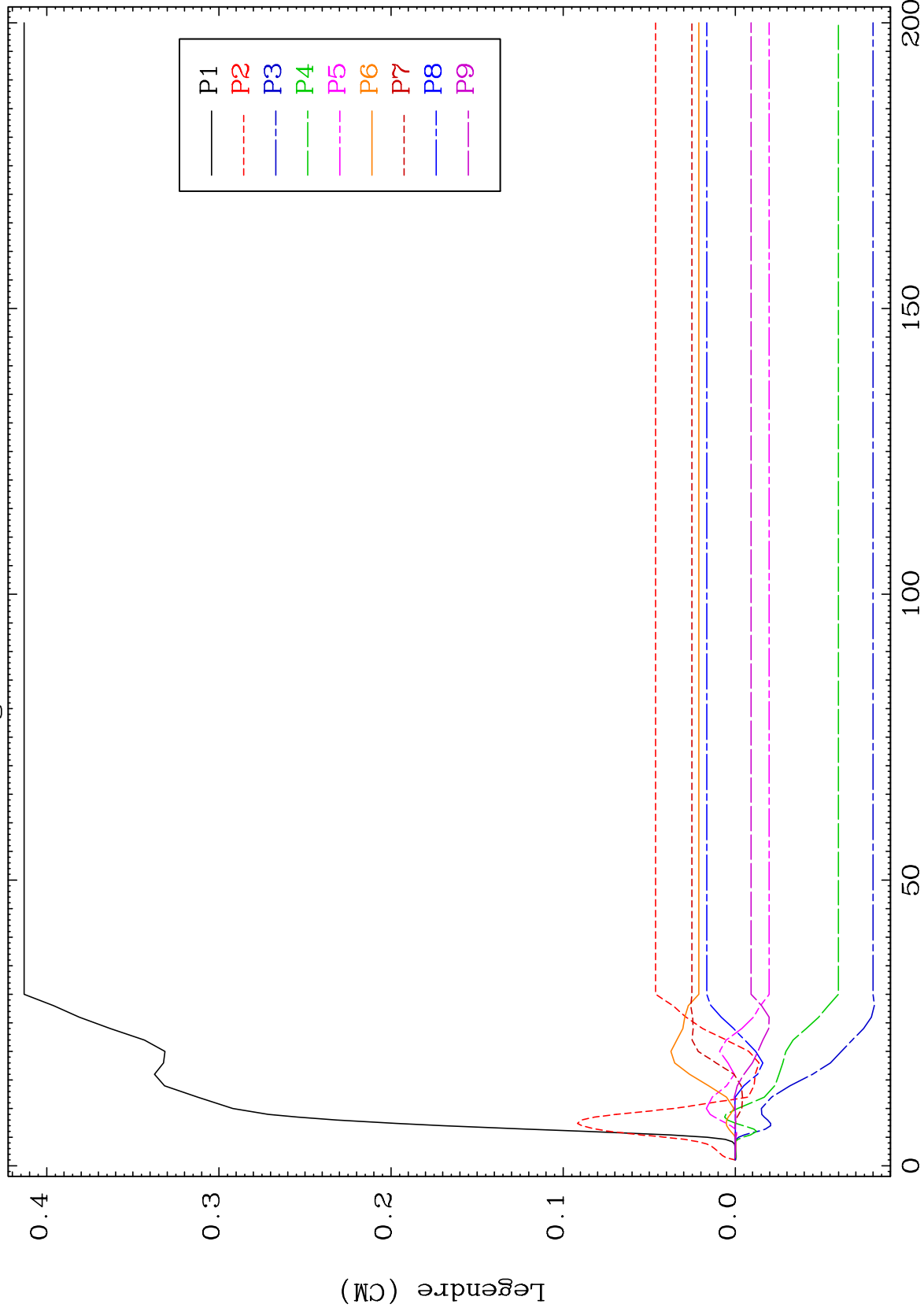
71-Lu-177



MAT 7131

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

71-Lu-177



113

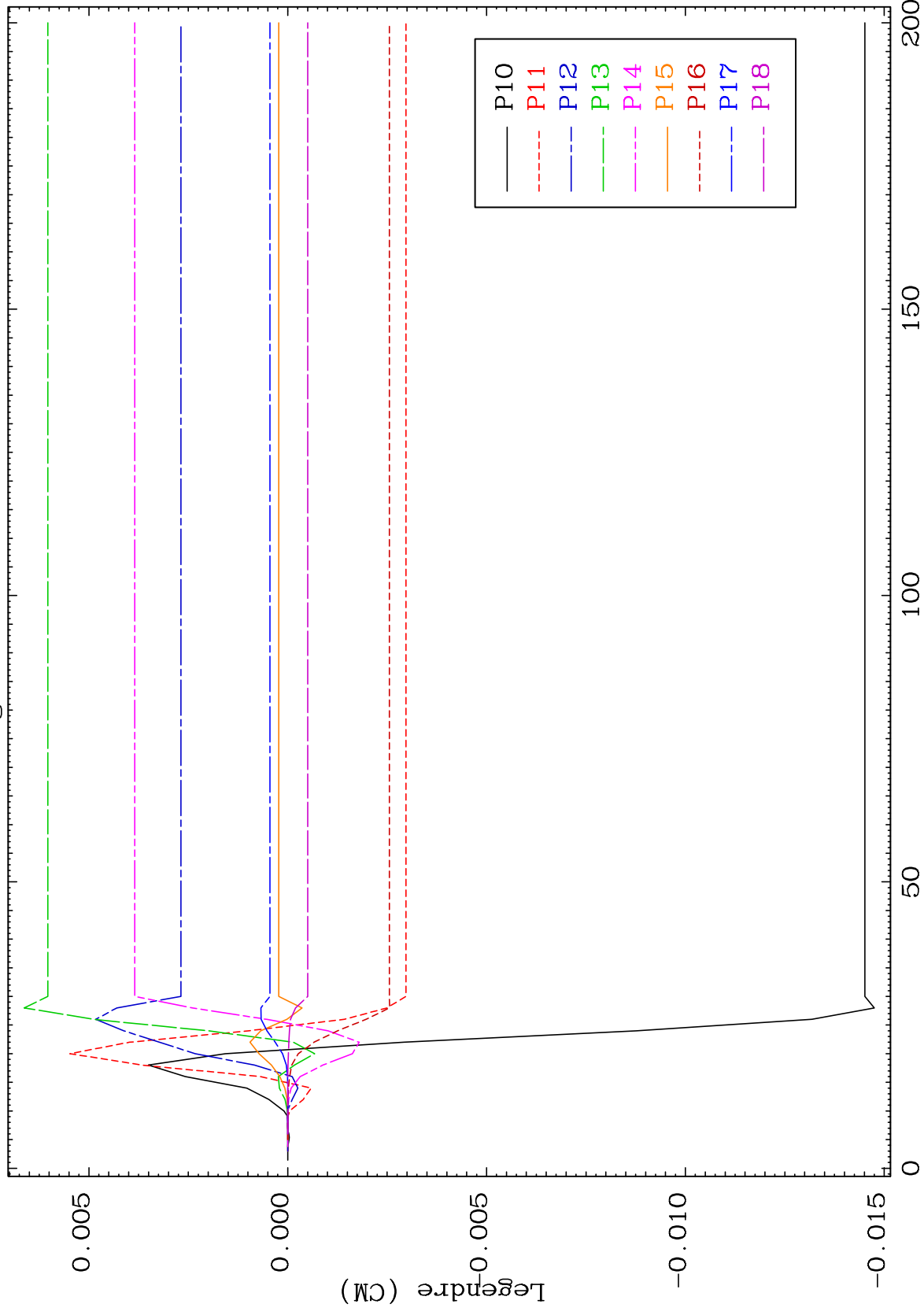
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



114

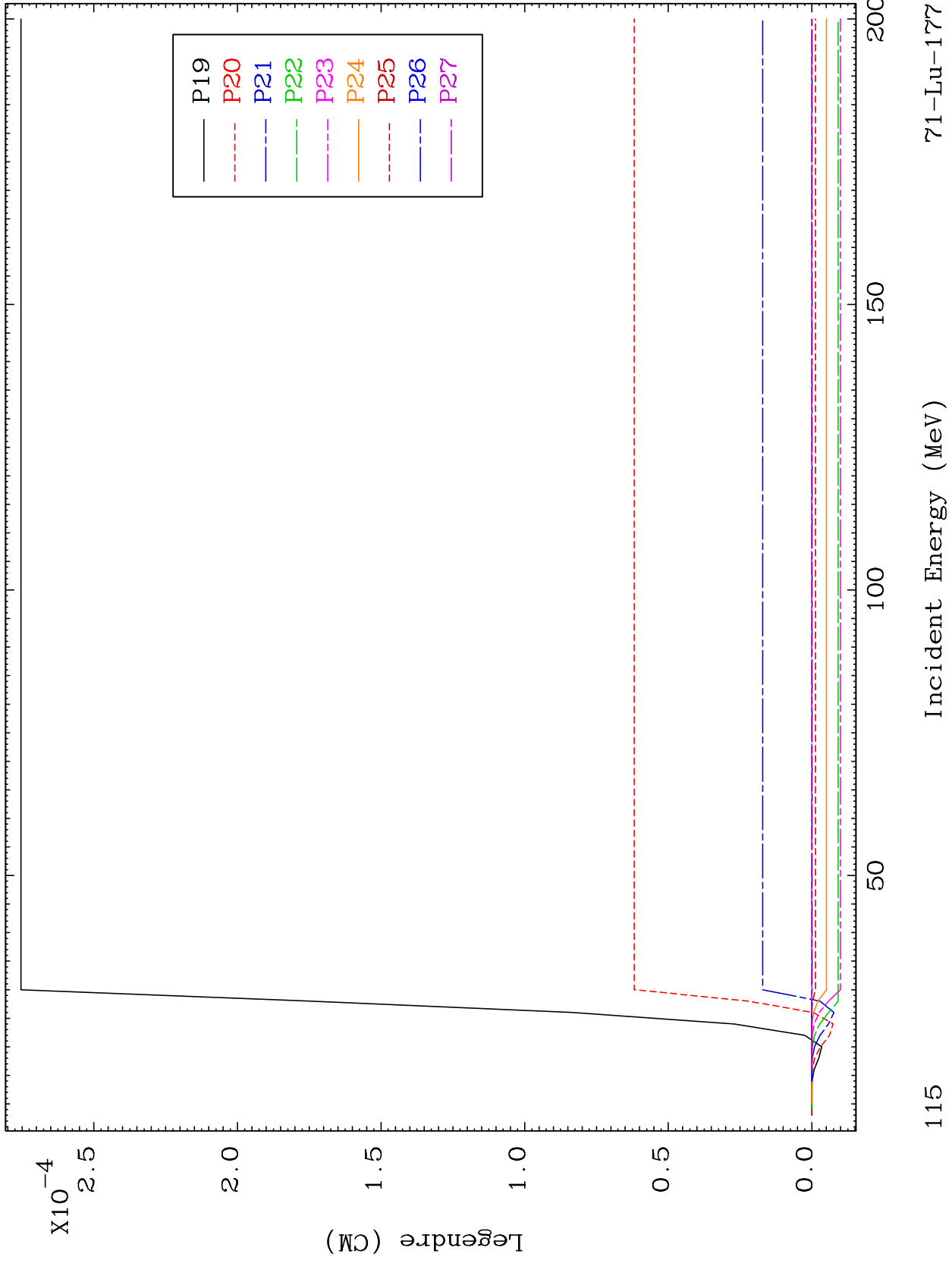
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



115

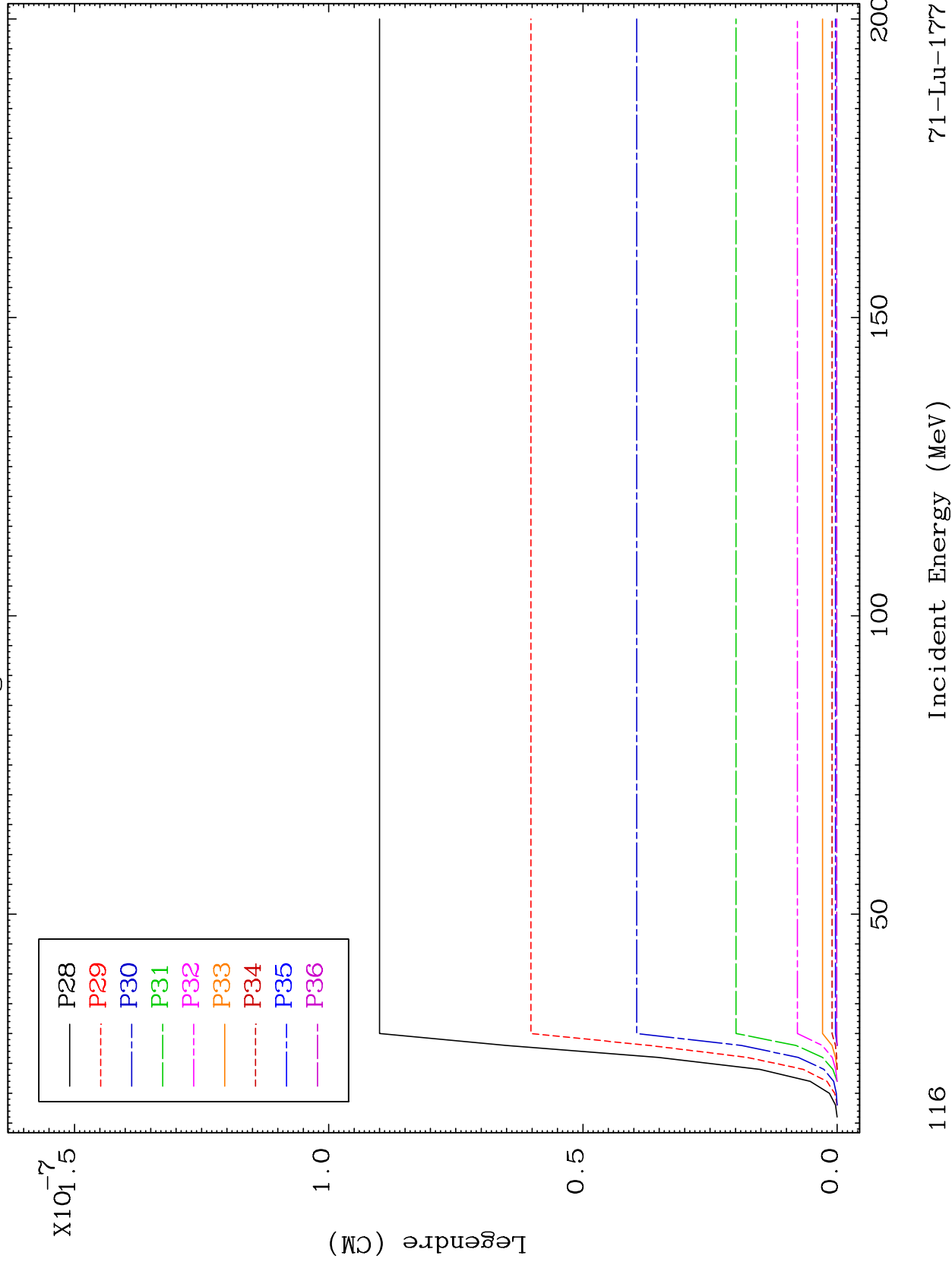
Incident Energy (MeV)

71-Lu-177

MAT 7131

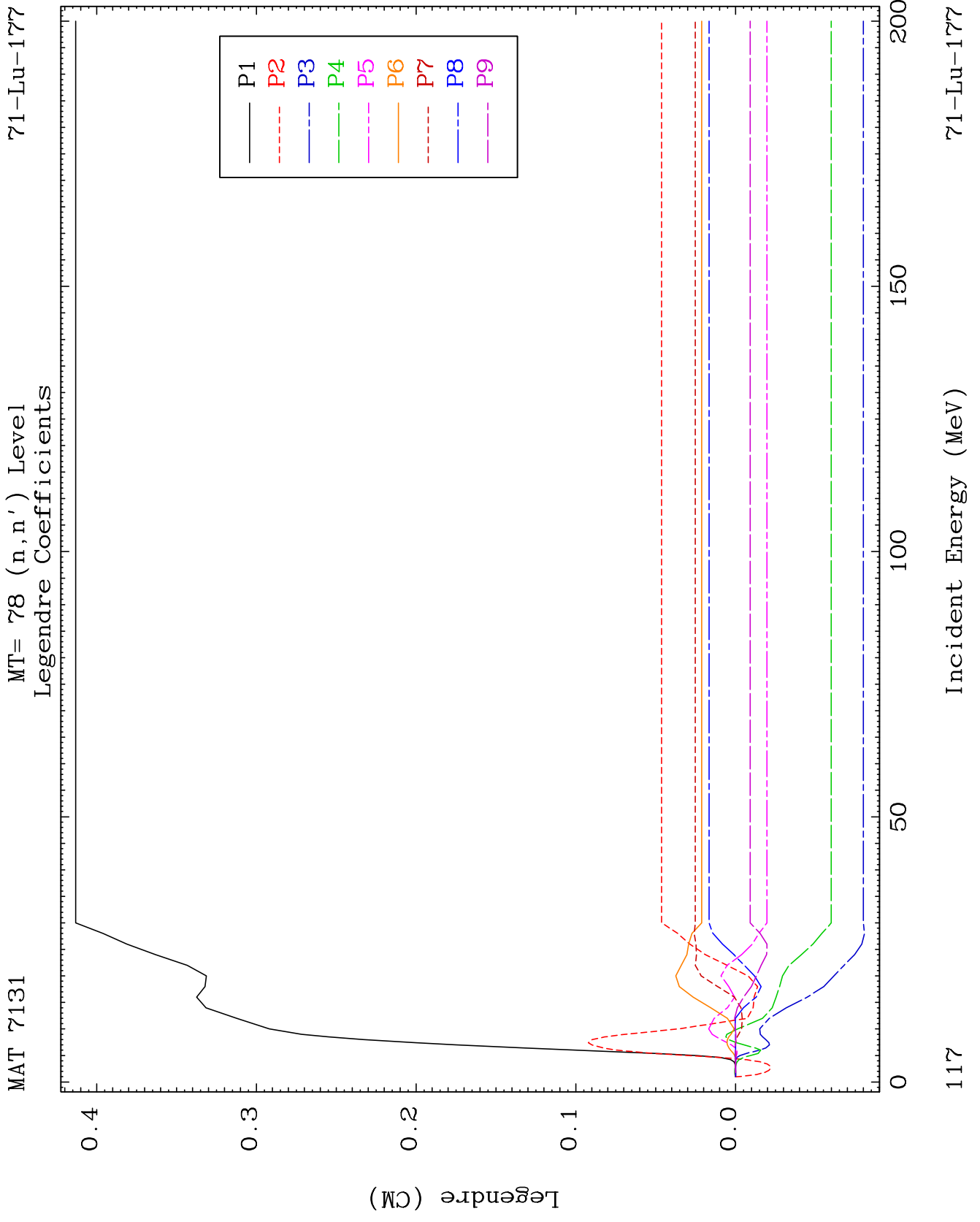
MT= 77 (n,n') Level
Legendre Coefficients

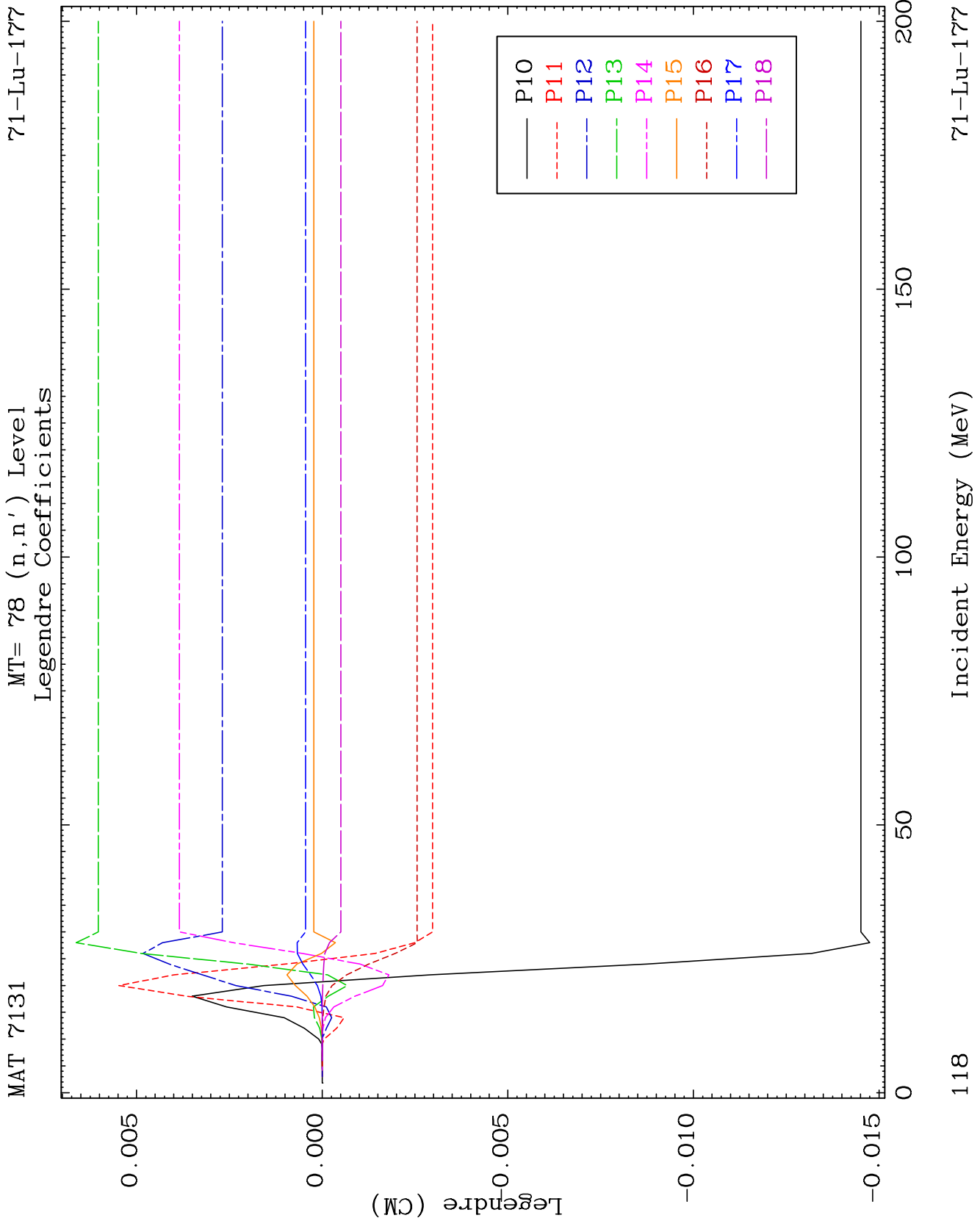
71-Lu-177



116

71-Lu-177

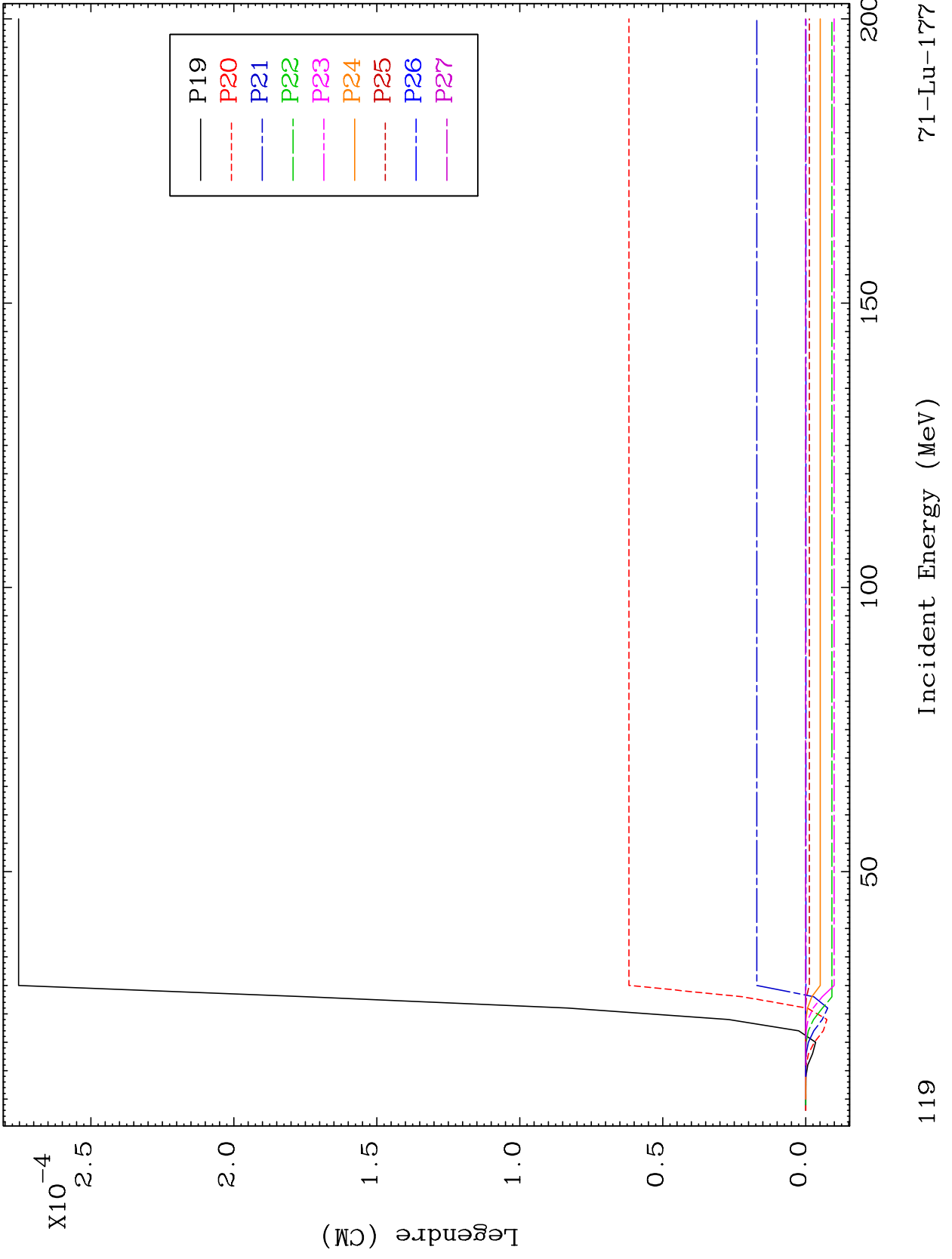




MAT 7131

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

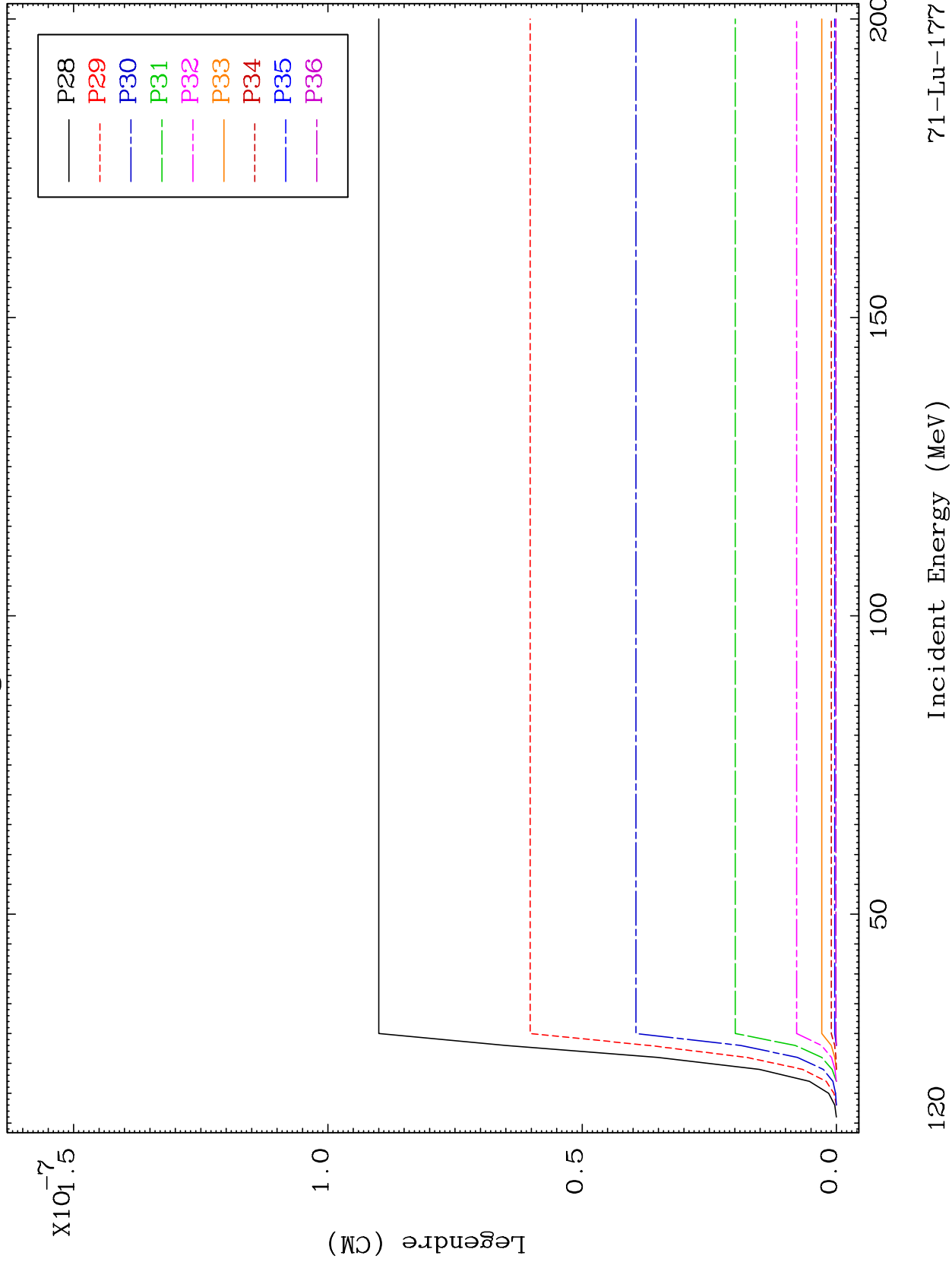
71-Lu-177



MAT 7131

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

71-Lu-177

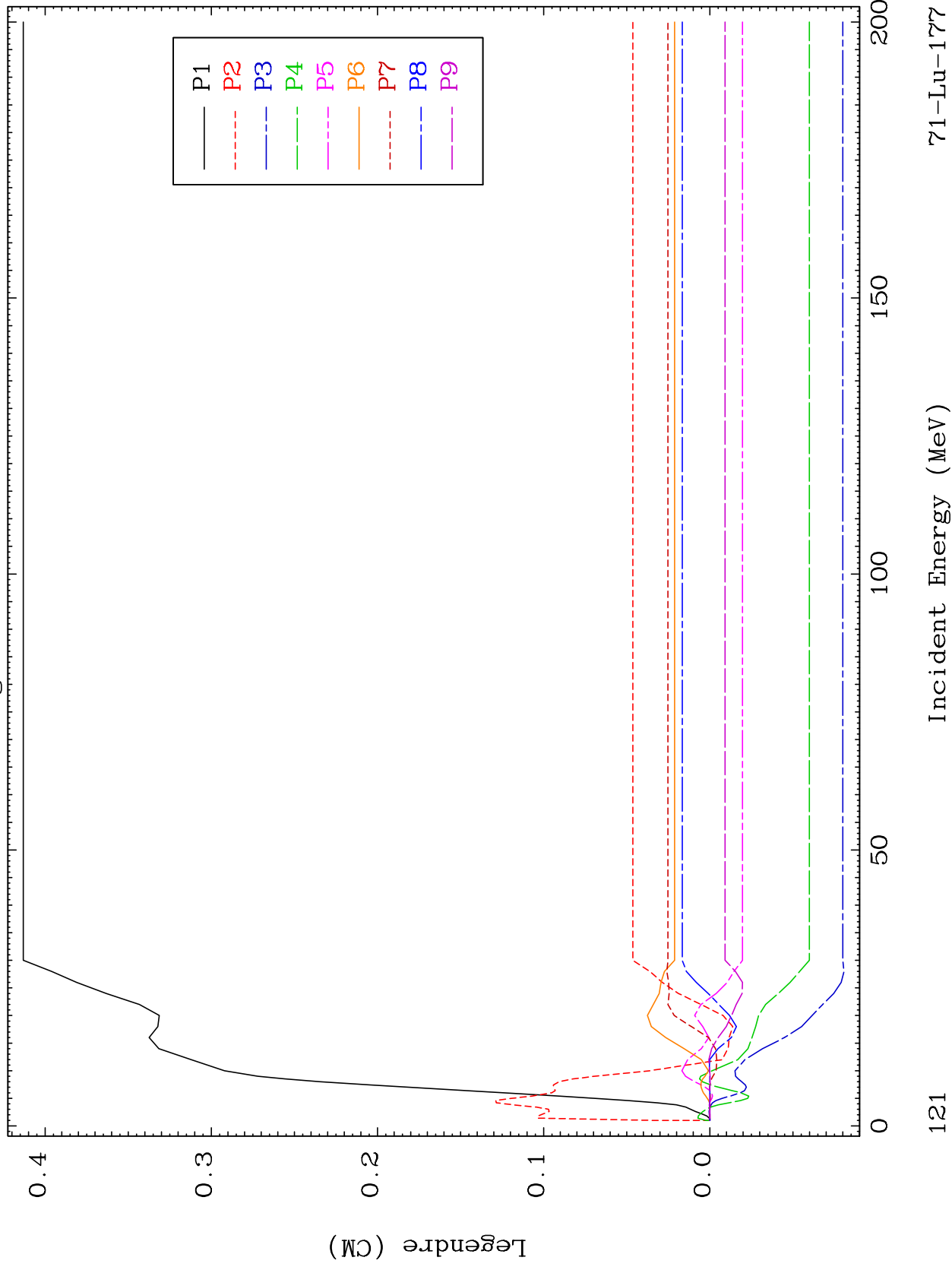


71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

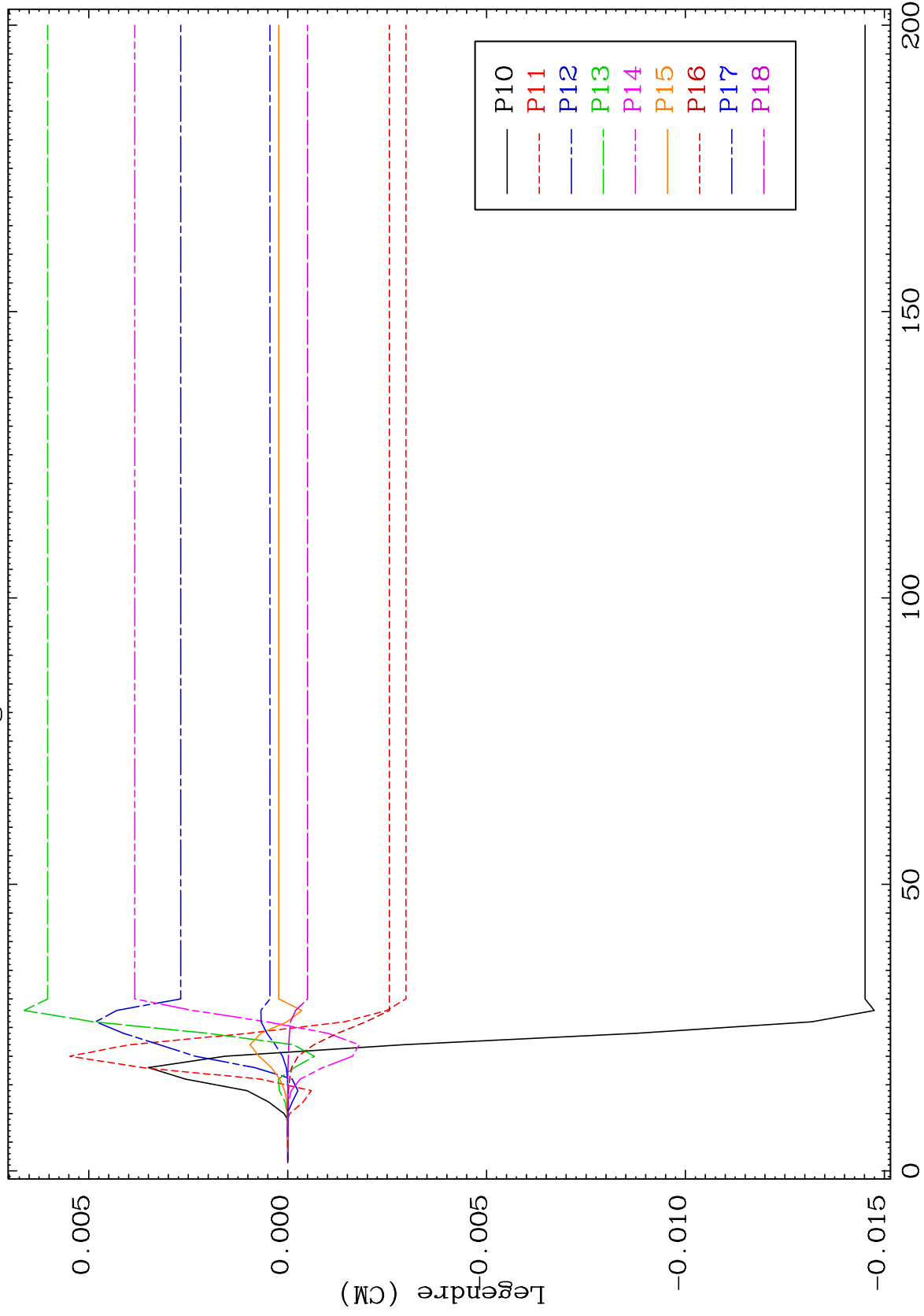
Incident Energy (MeV)

121

MAT 7131

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

71-Lu-177



122

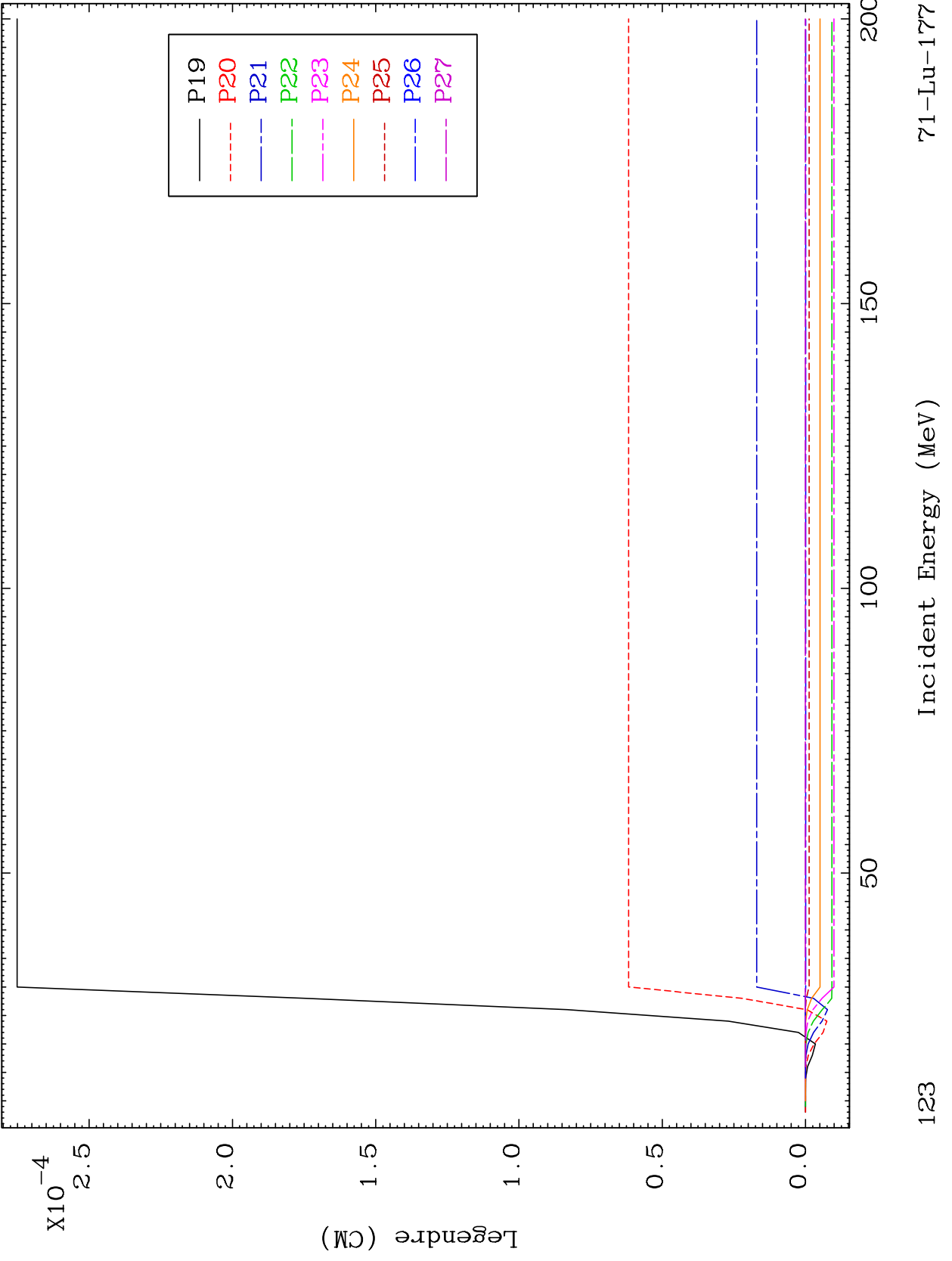
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



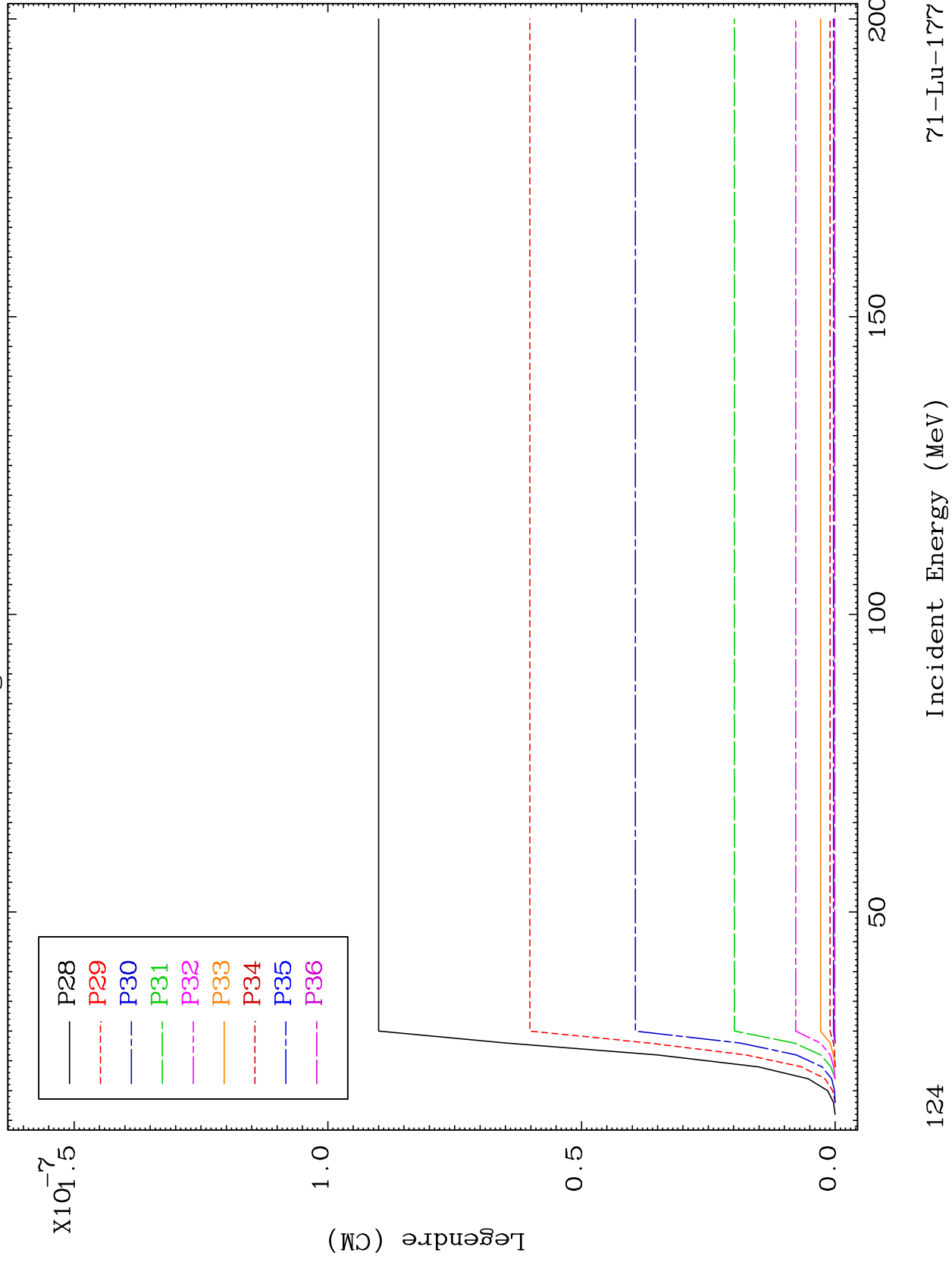
123

71-Lu-177

MAT 7131

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

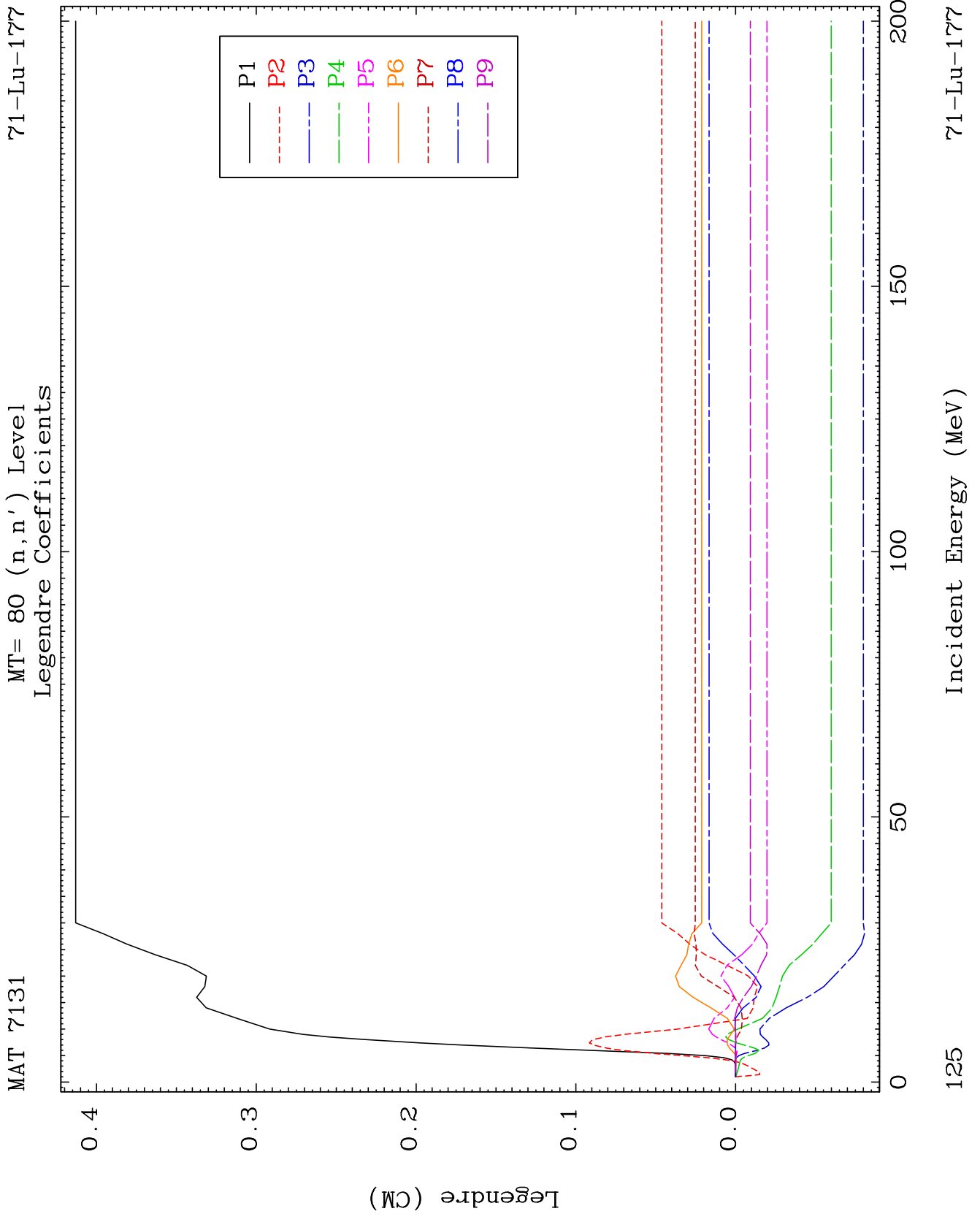
71-Lu-177

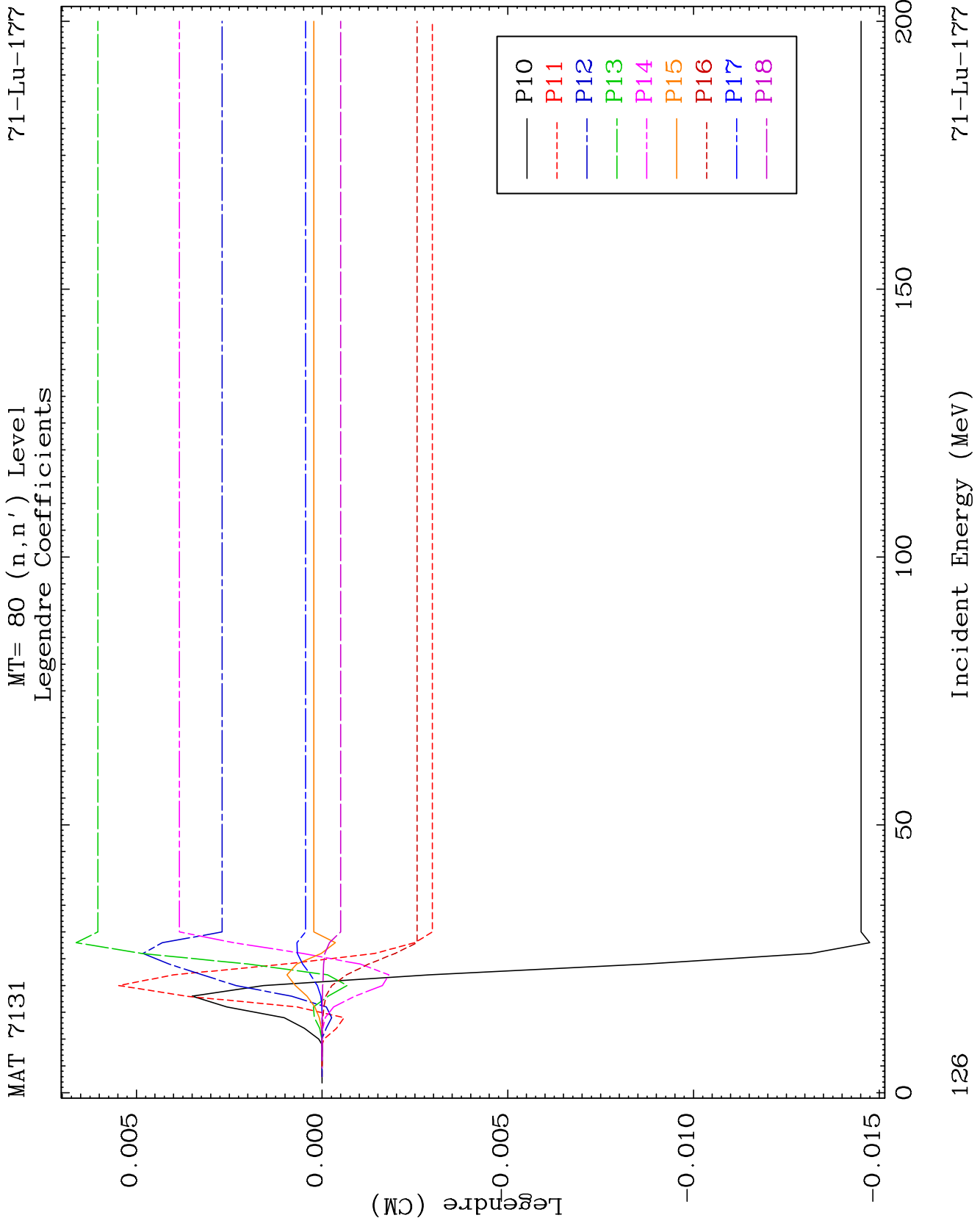


124

Incident Energy (MeV)

71-Lu-177

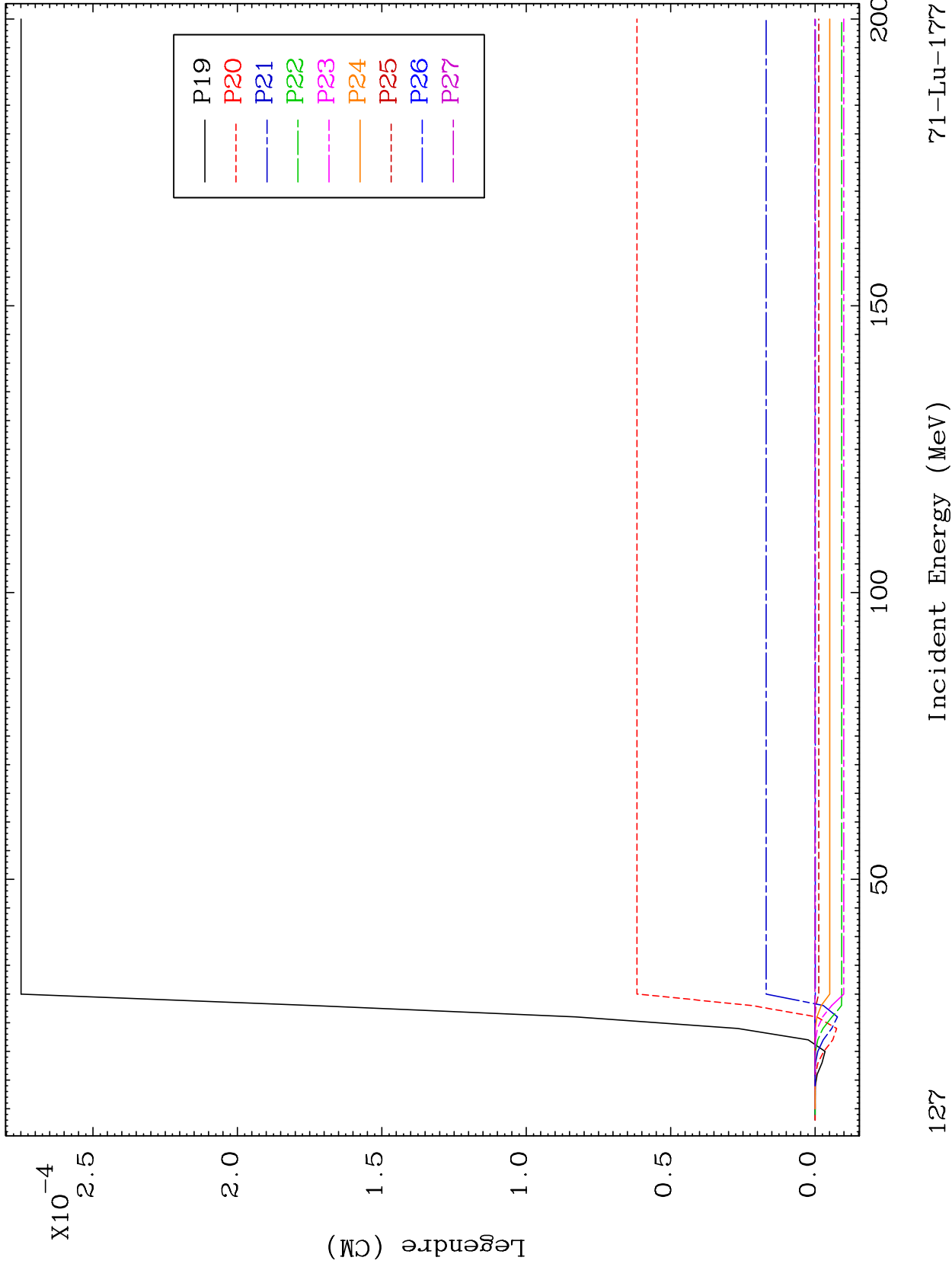




MAT 7131

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

71-Lu-177



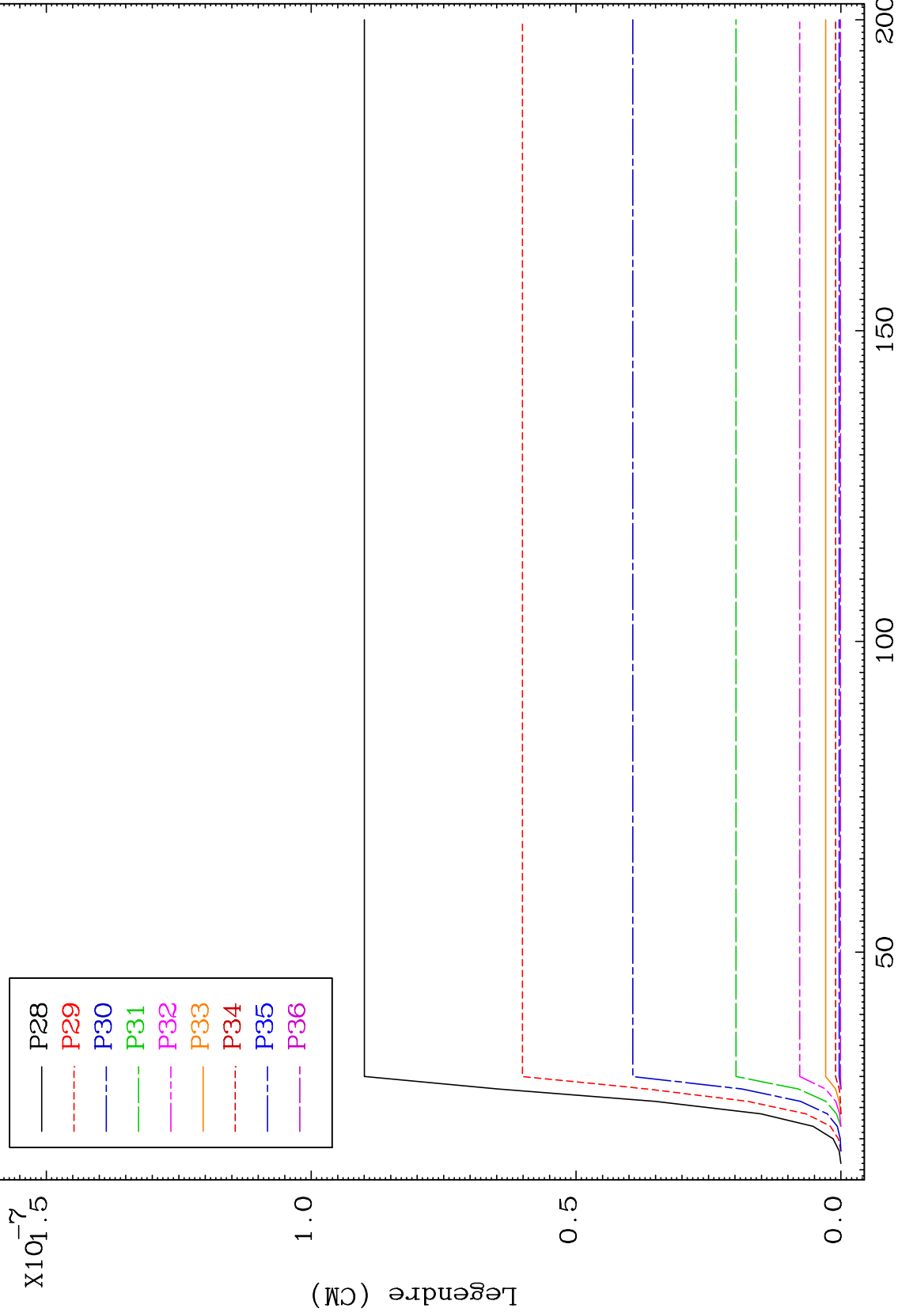
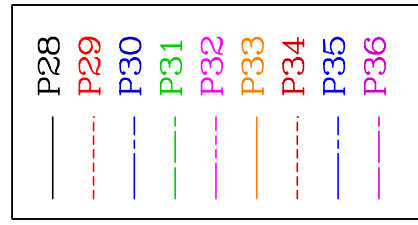
127

71-Lu-177

MAT 7131

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

71-Lu-177



128

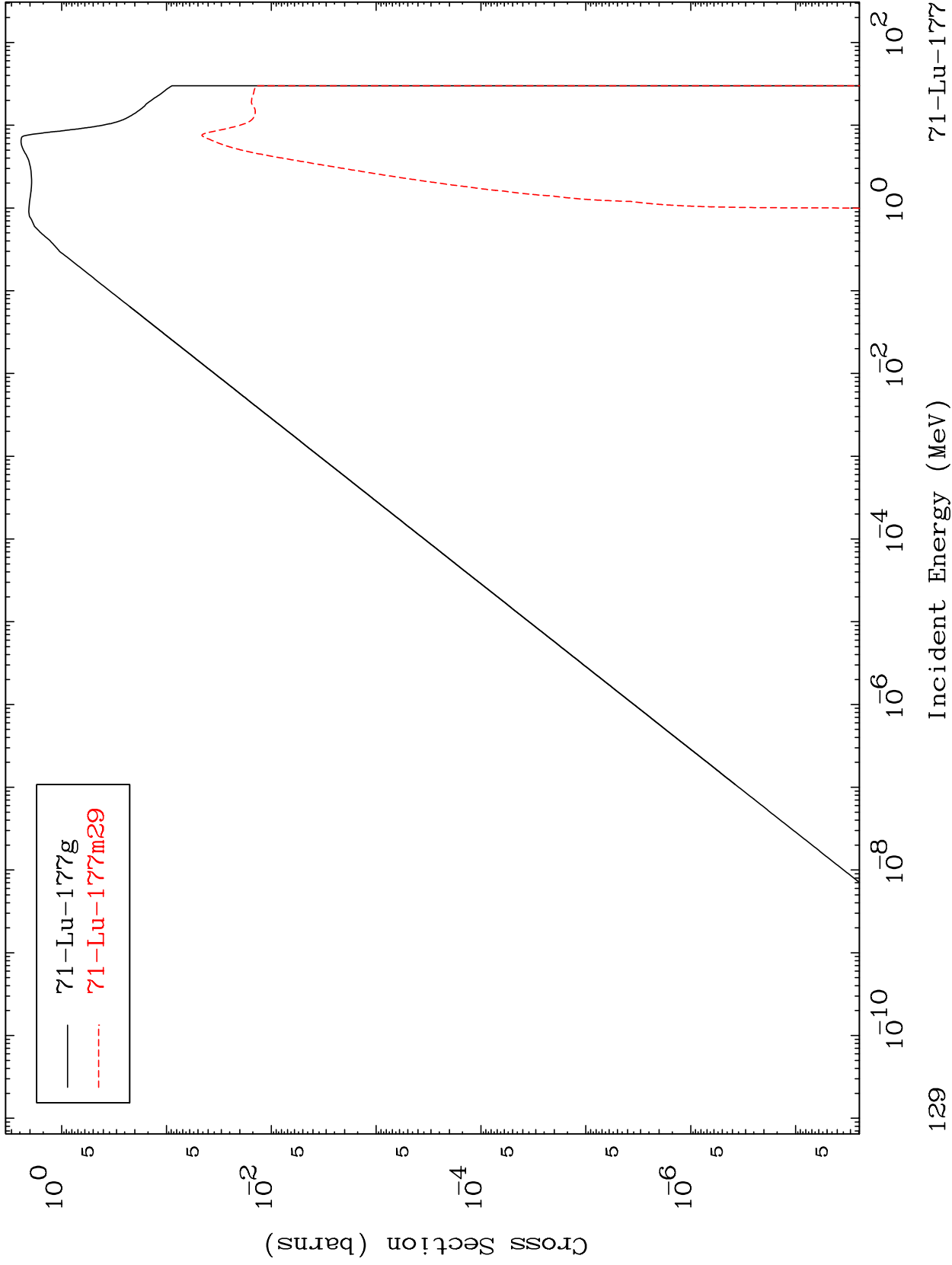
Incident Energy (MeV)

71-Lu-177

MAT 7131

Inelastic
Radionuclide Production Cross Section

71-Lu-177

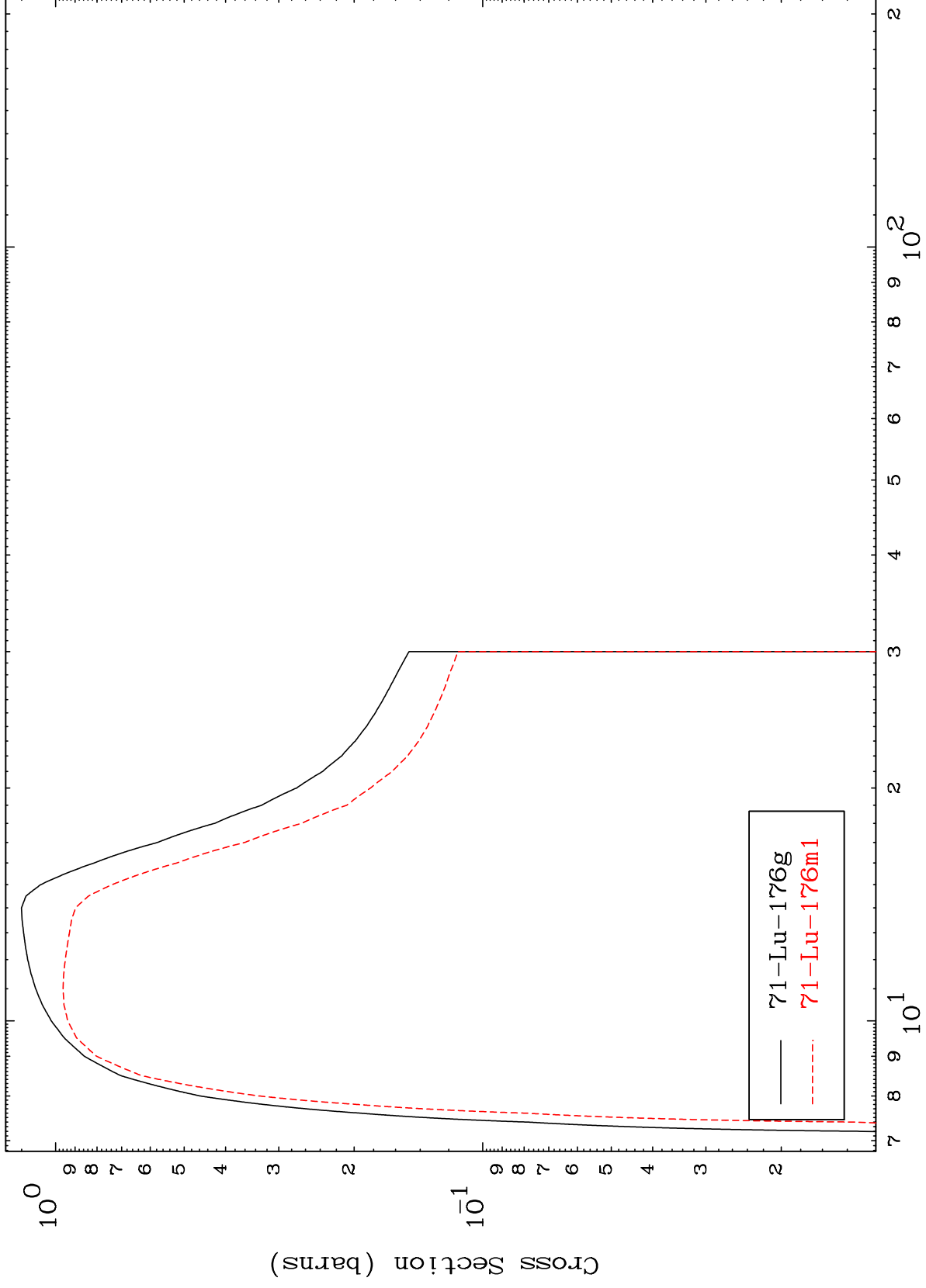


MAT 7131

(n,2n)

⁷¹Lu-177

Radionuclide Production Cross Section



130

Incident Energy (MeV)

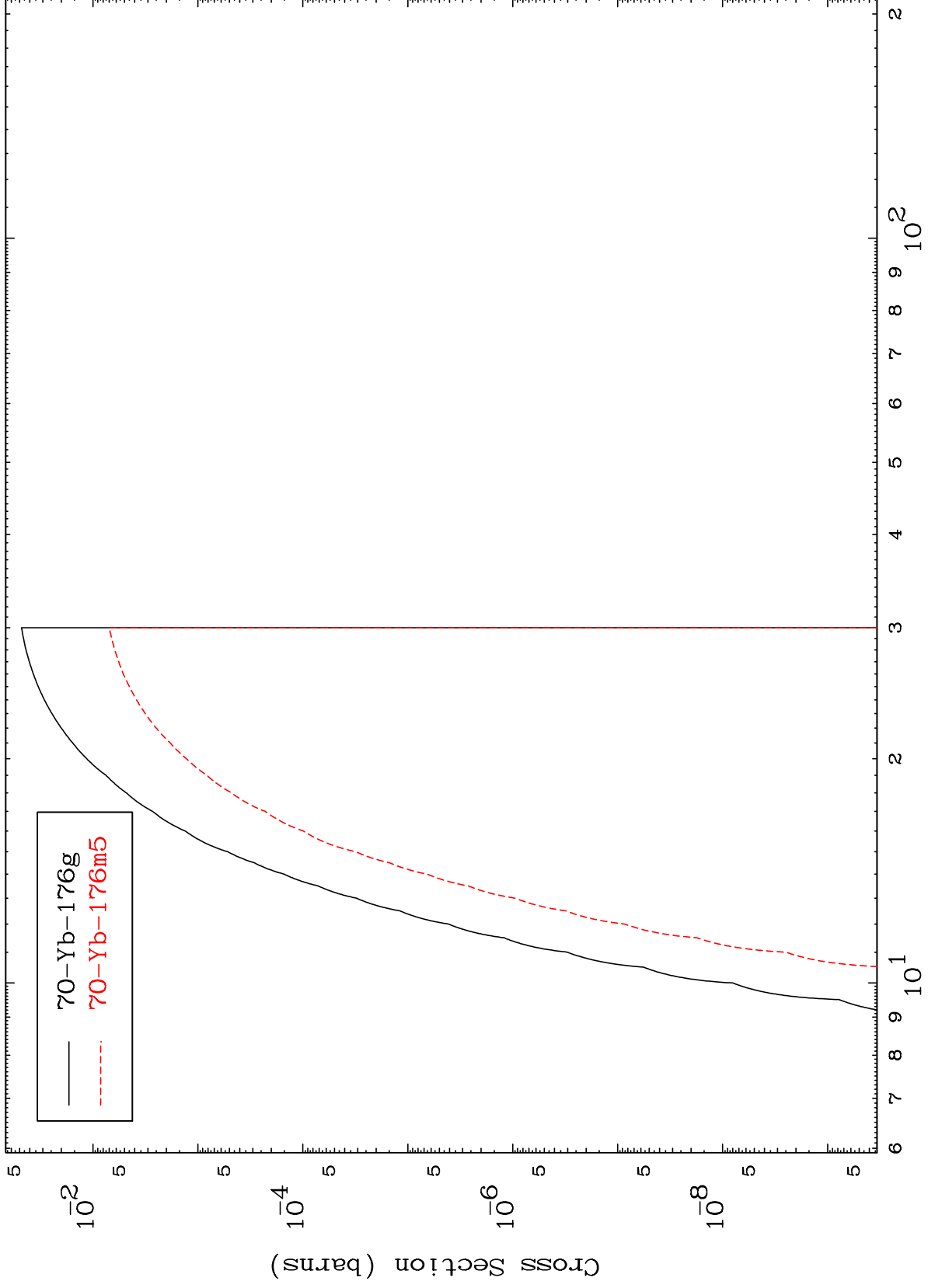
⁷¹Lu-177

MAT 7131

(n,n') p

71-Lu-177

Radionuclide Production Cross Section

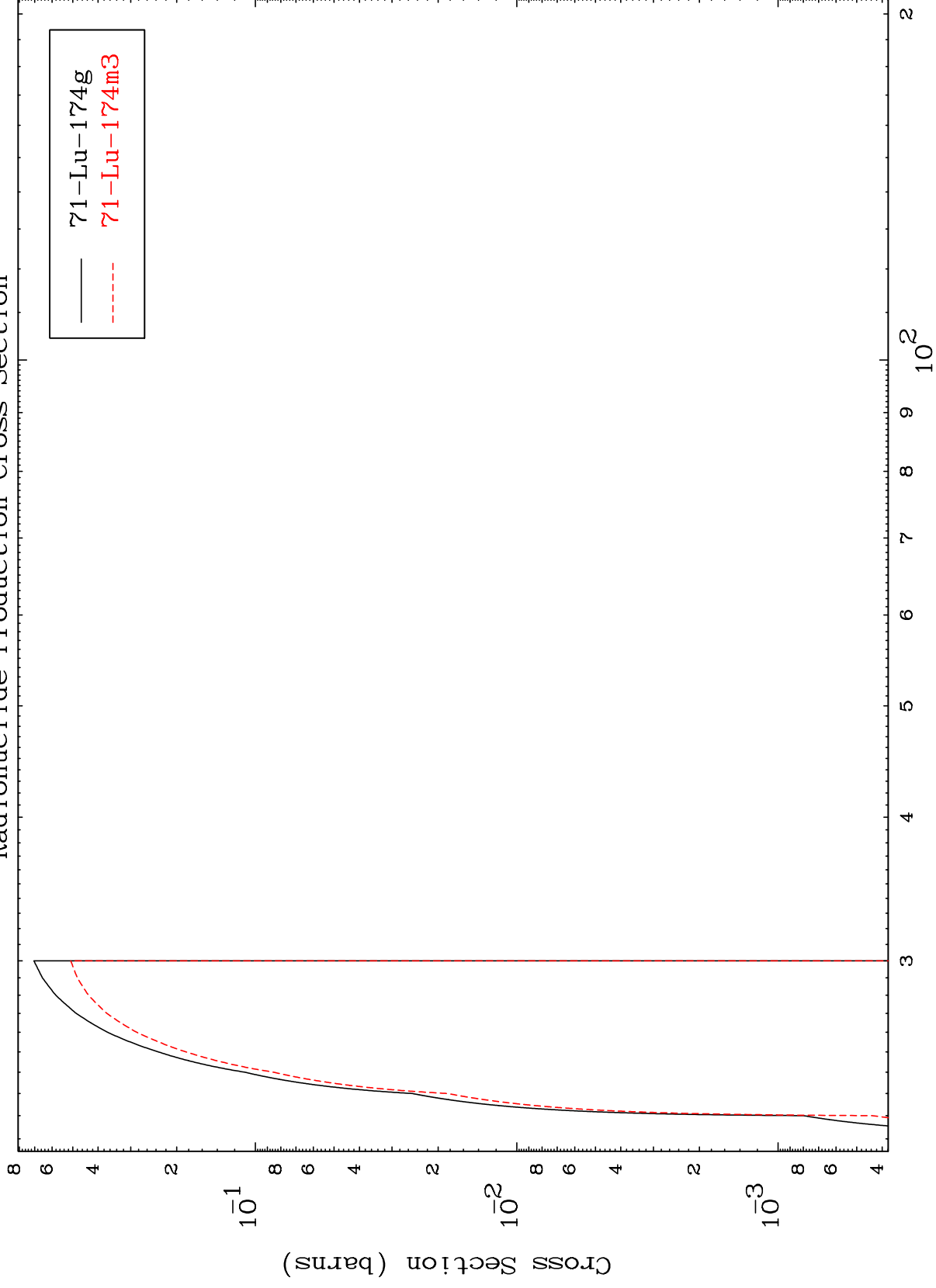


70-Yb-176g
70-Yb-176m5

MAT 7131

71-Lu-177

(n,4n)
Radionuclide Production Cross Section



132

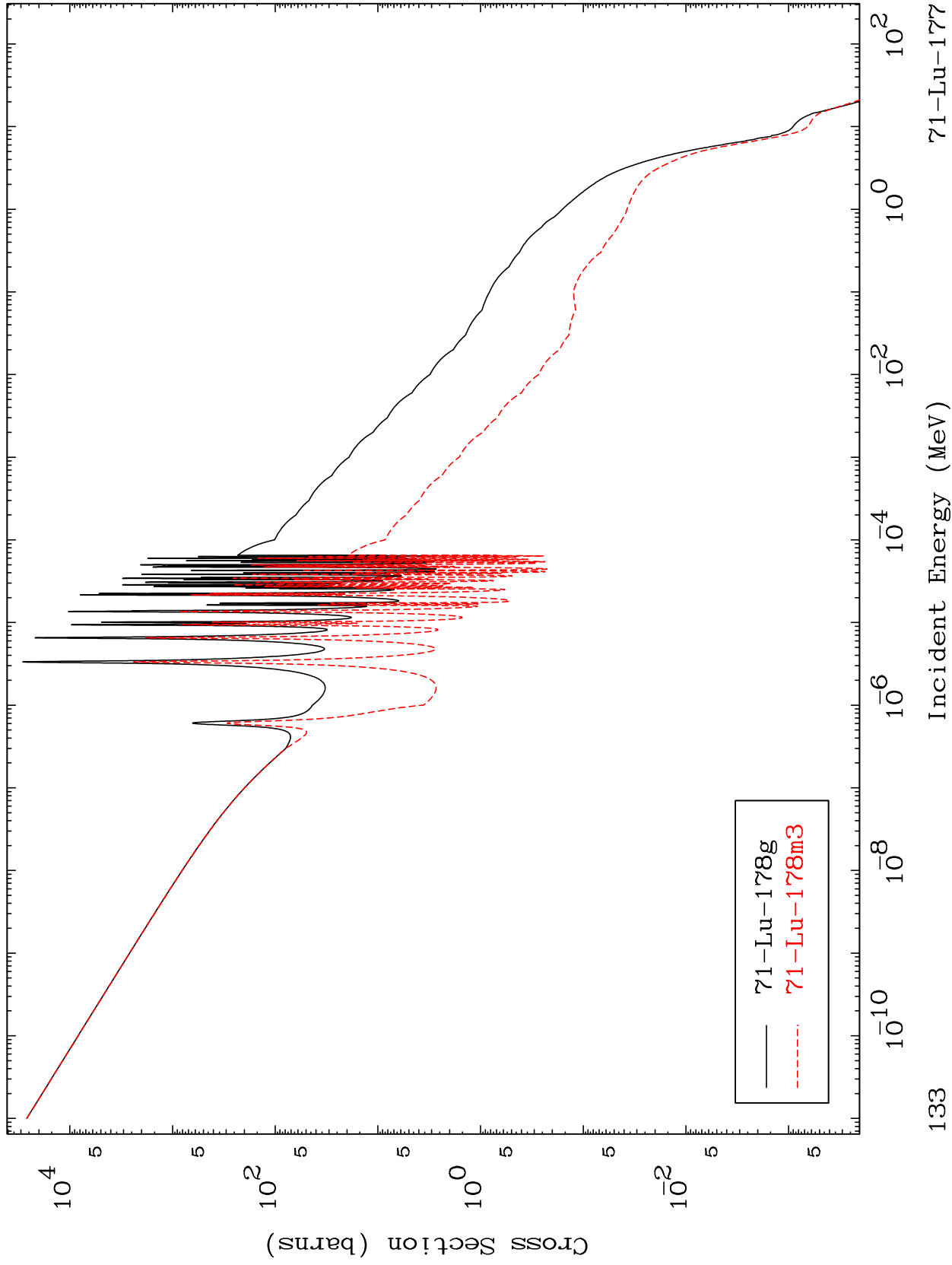
Incident Energy (MeV)

71-Lu-177

MAT 7131

71-Lu-177

(n, γ)
Radionuclide Production Cross Section

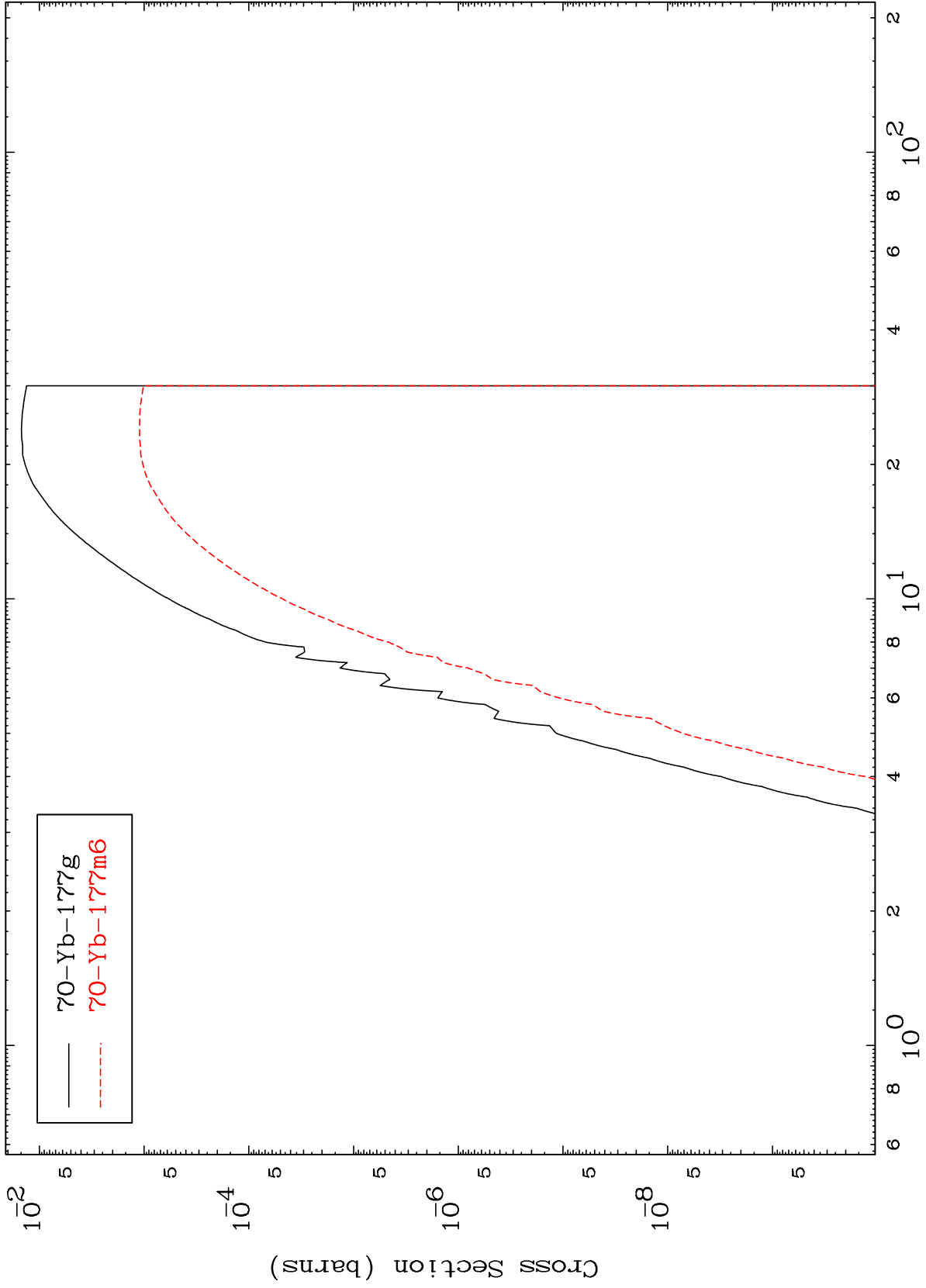


133

MAT 7131

71-Lu-177

(n,p)
Radionuclide Production Cross Section



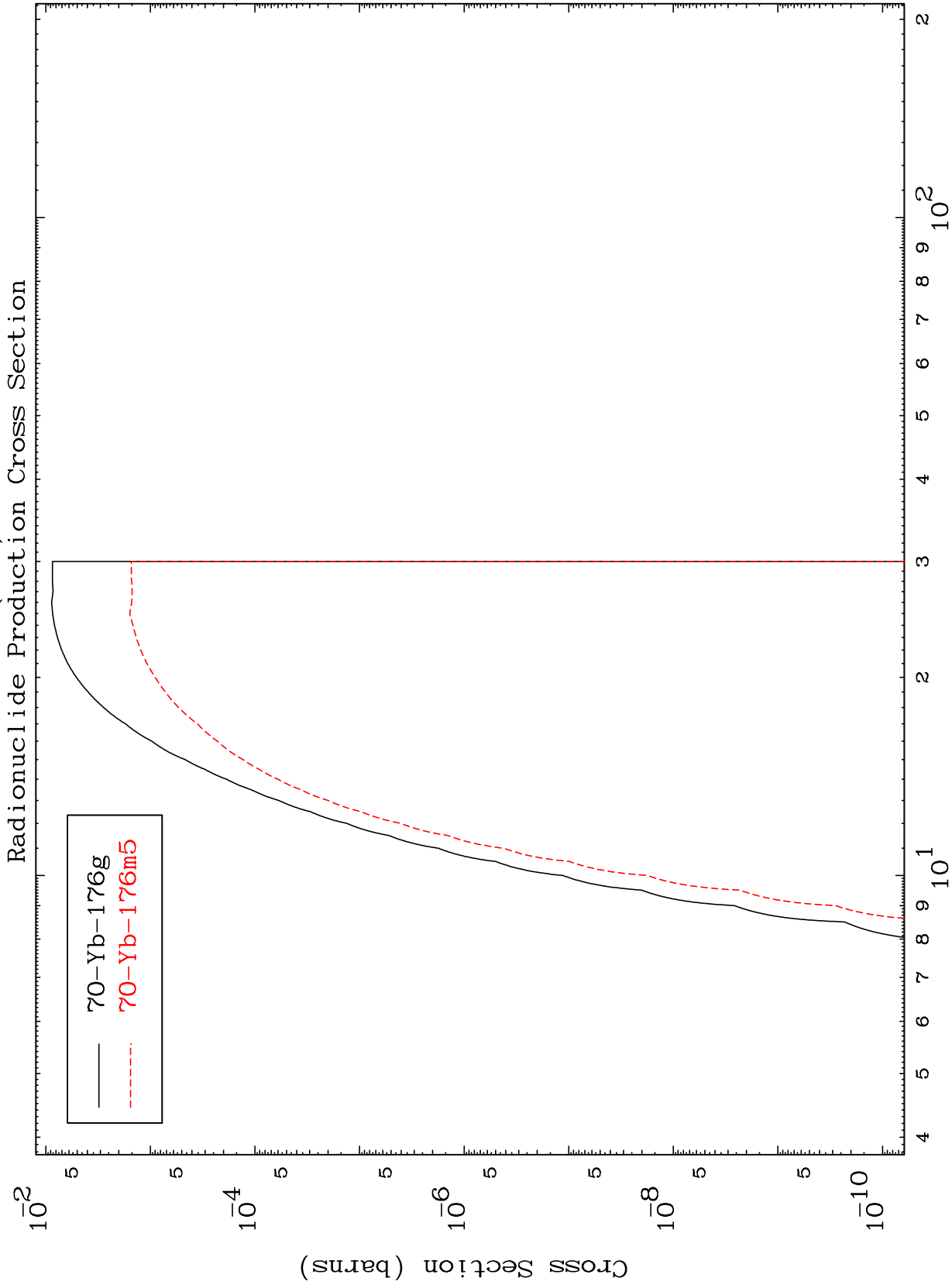
134

Incident Energy (MeV)

71-Lu-177

MAT 7131

71-Lu-177



71-Lu-177

Incident Energy (MeV)

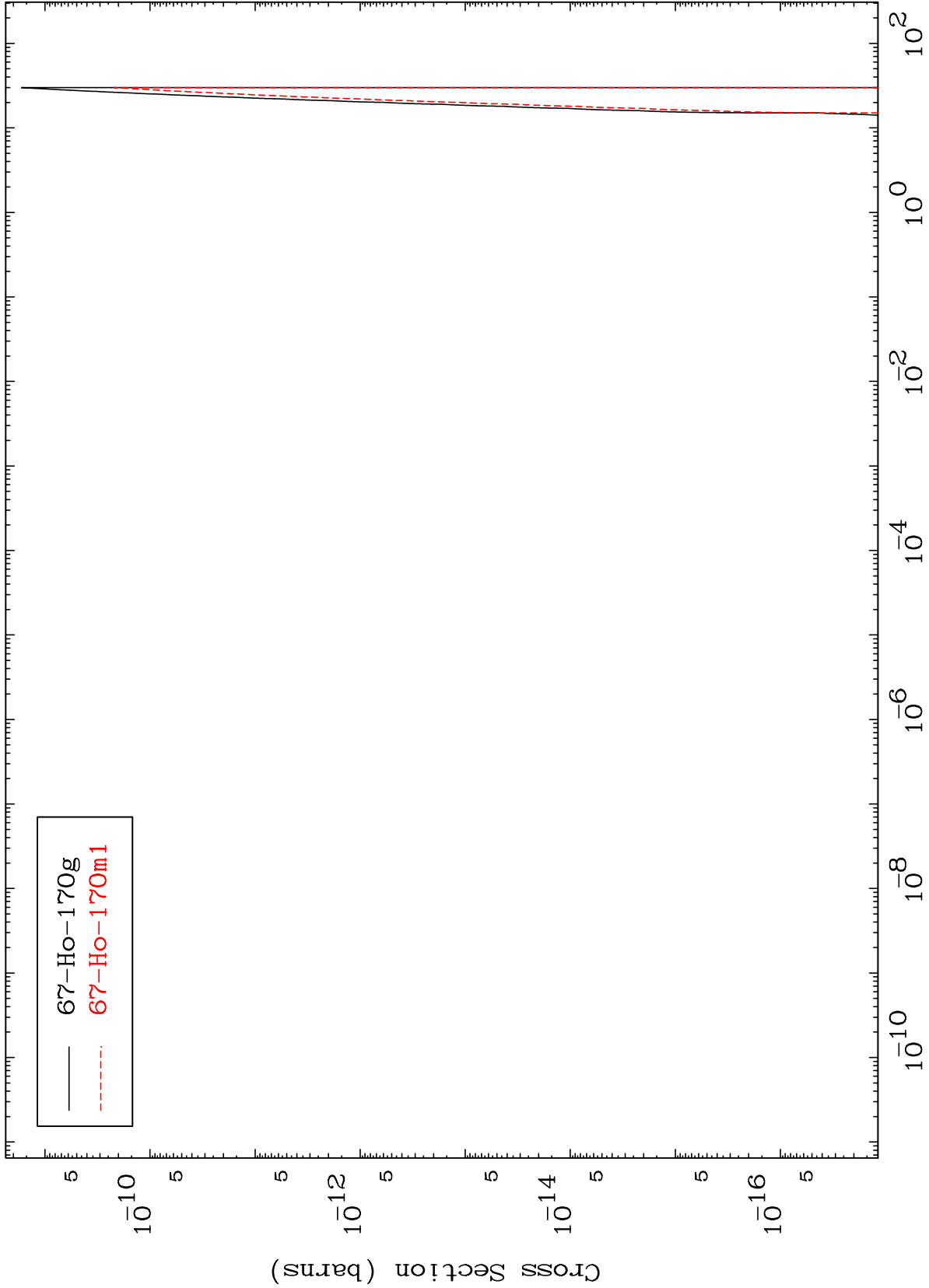
135

MAT 7131

(n,2α)

⁷¹Lu-177

Radionuclide Production Cross Section



— 67-Ho-170g
- - - 67-Ho-170m1