

Program EVALPLOT
(Version 2018-1)

by

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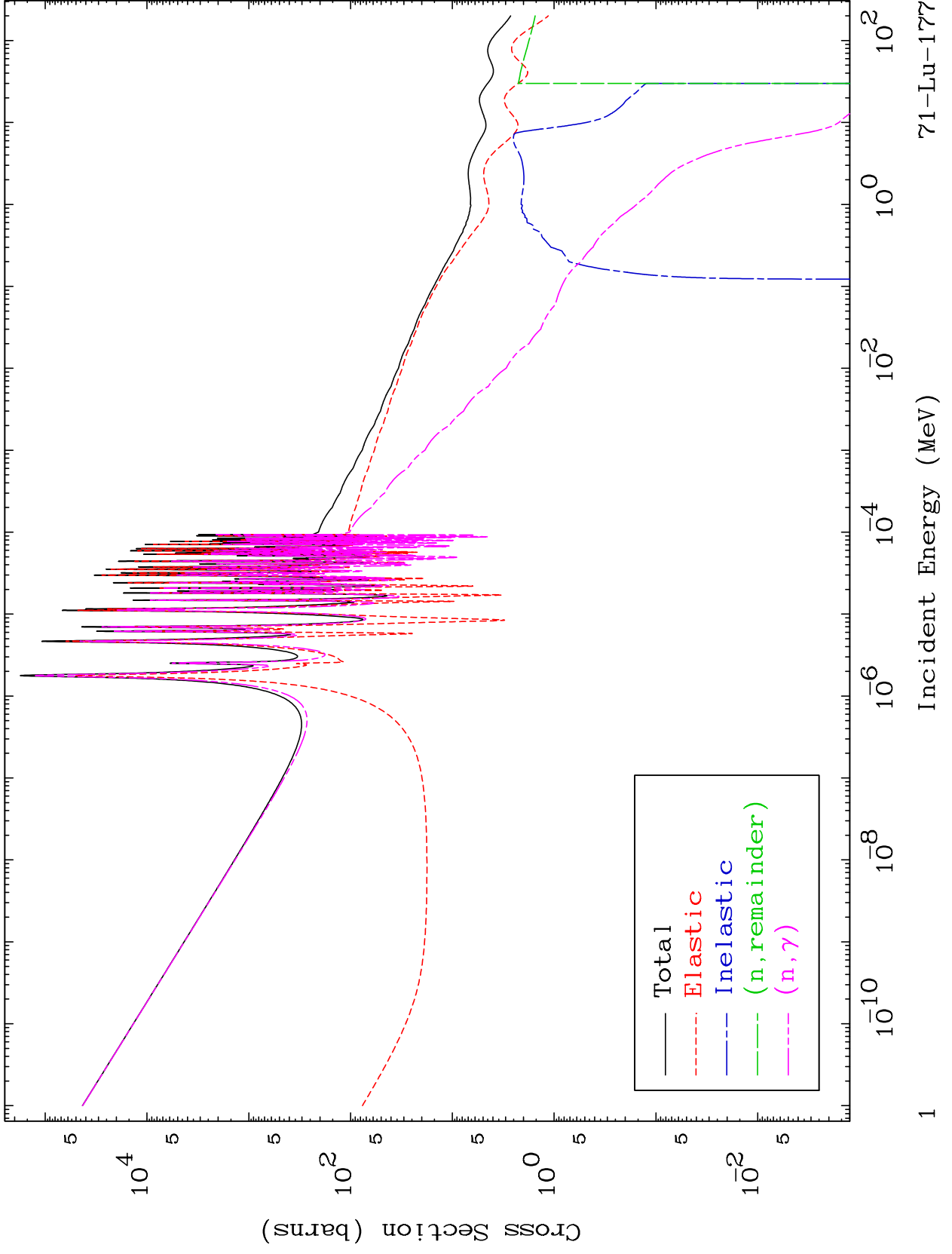
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7131

Major
293 Kelvin Cross Sections

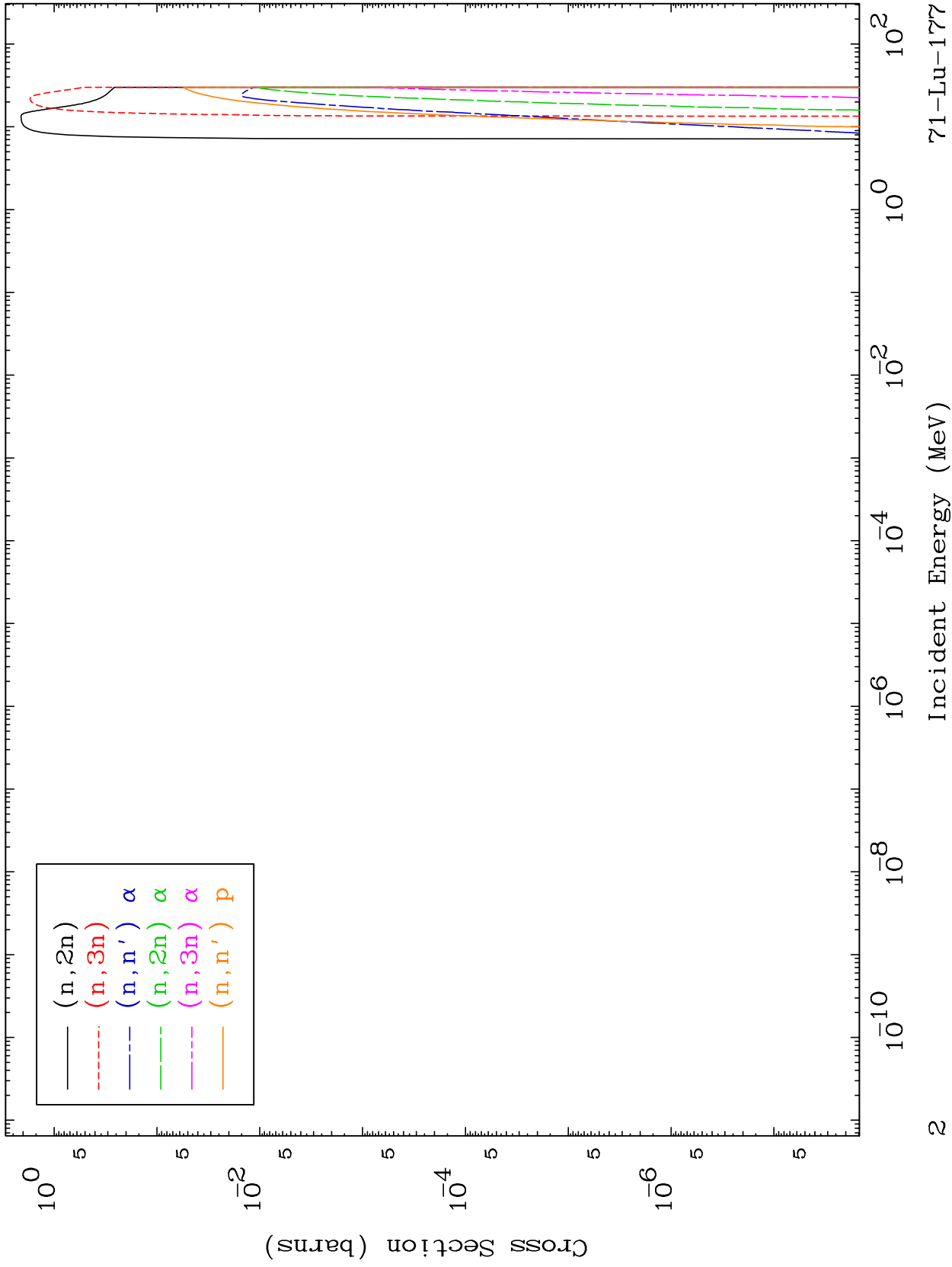
71-Lu-177

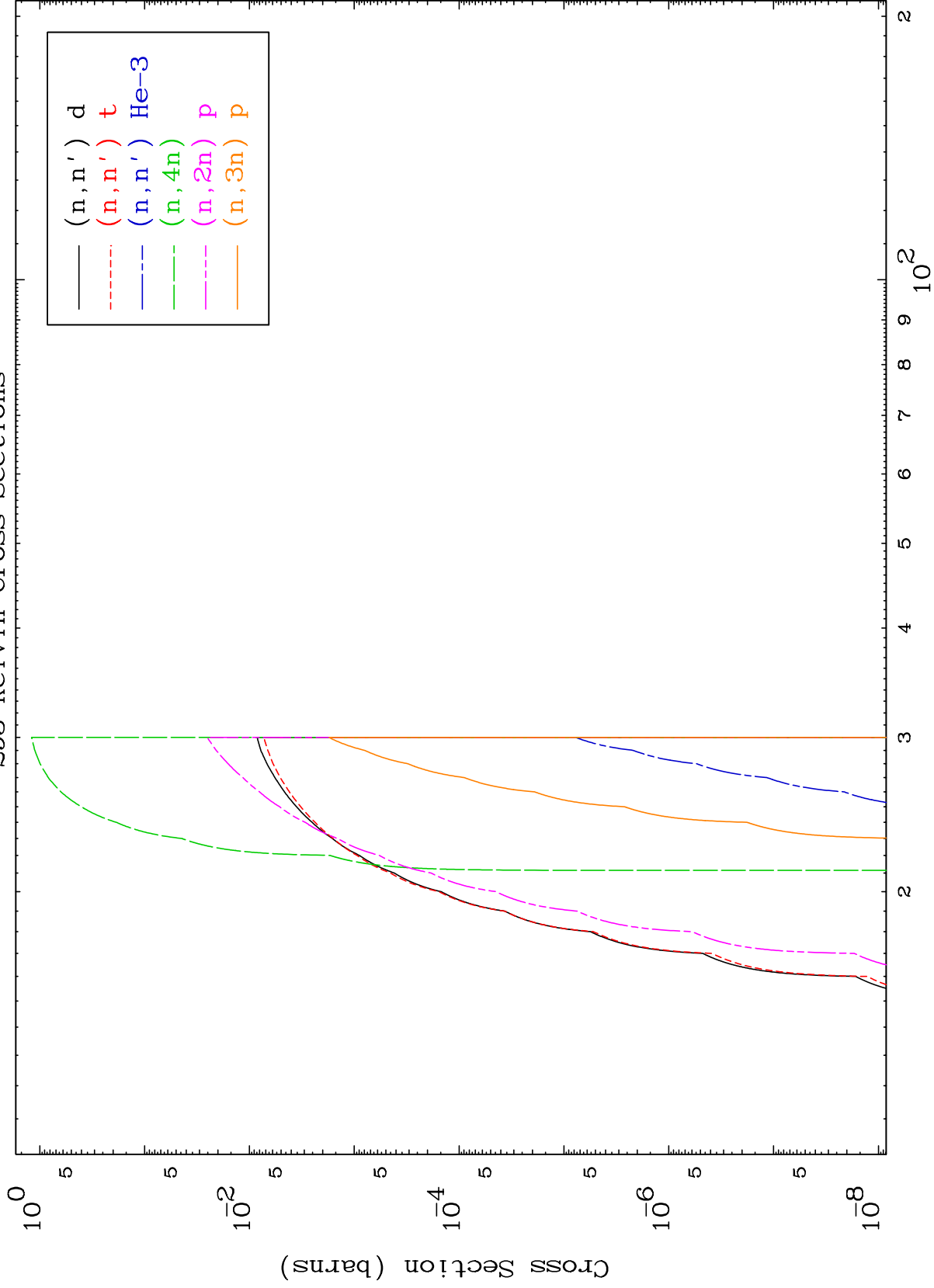


MAT 7131

Neutron Production
293 Kelvin Cross Sections

71-Lu-177

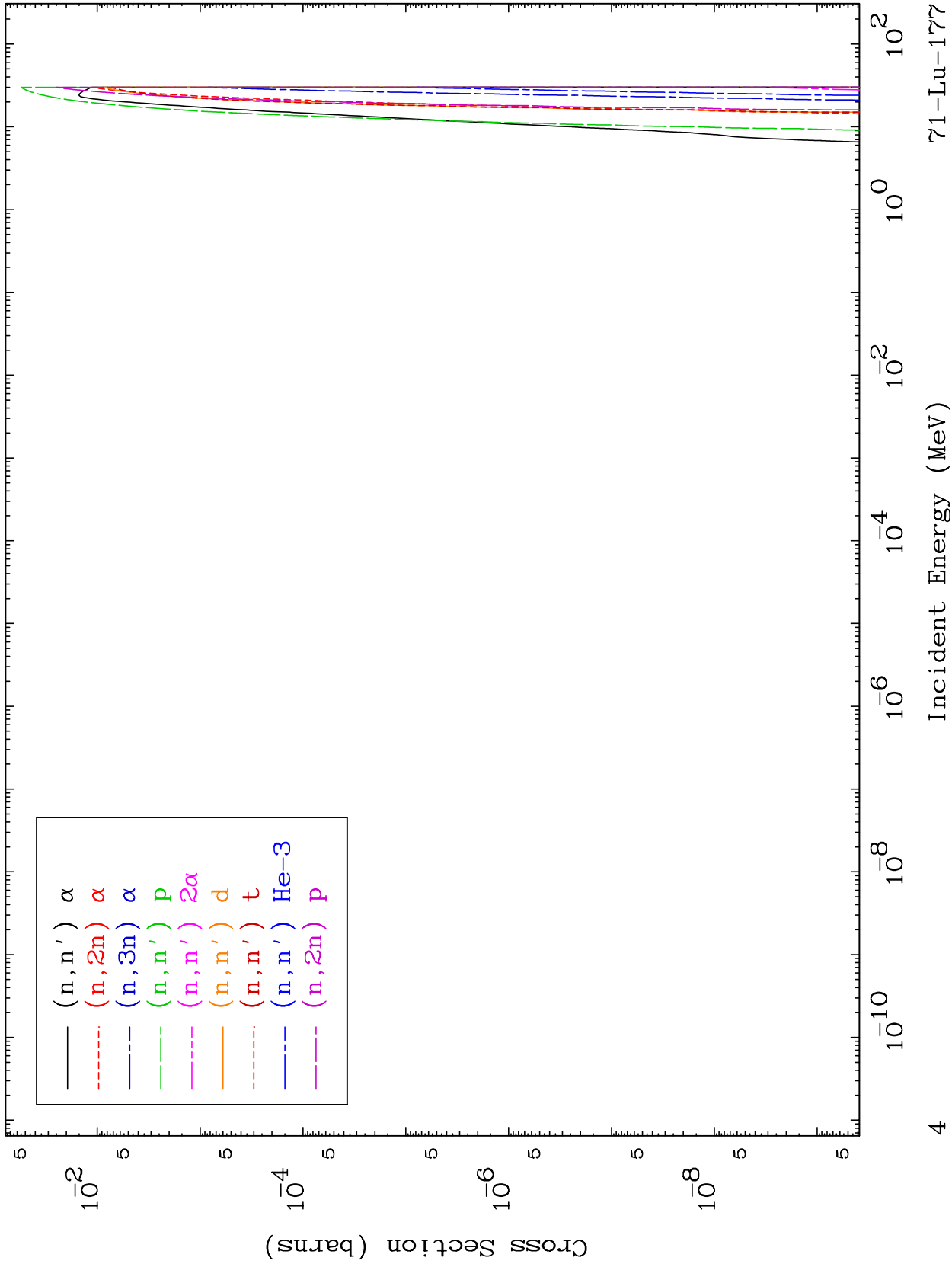




MAT 7131

Charged Particle
293 Kelvin Cross Sections

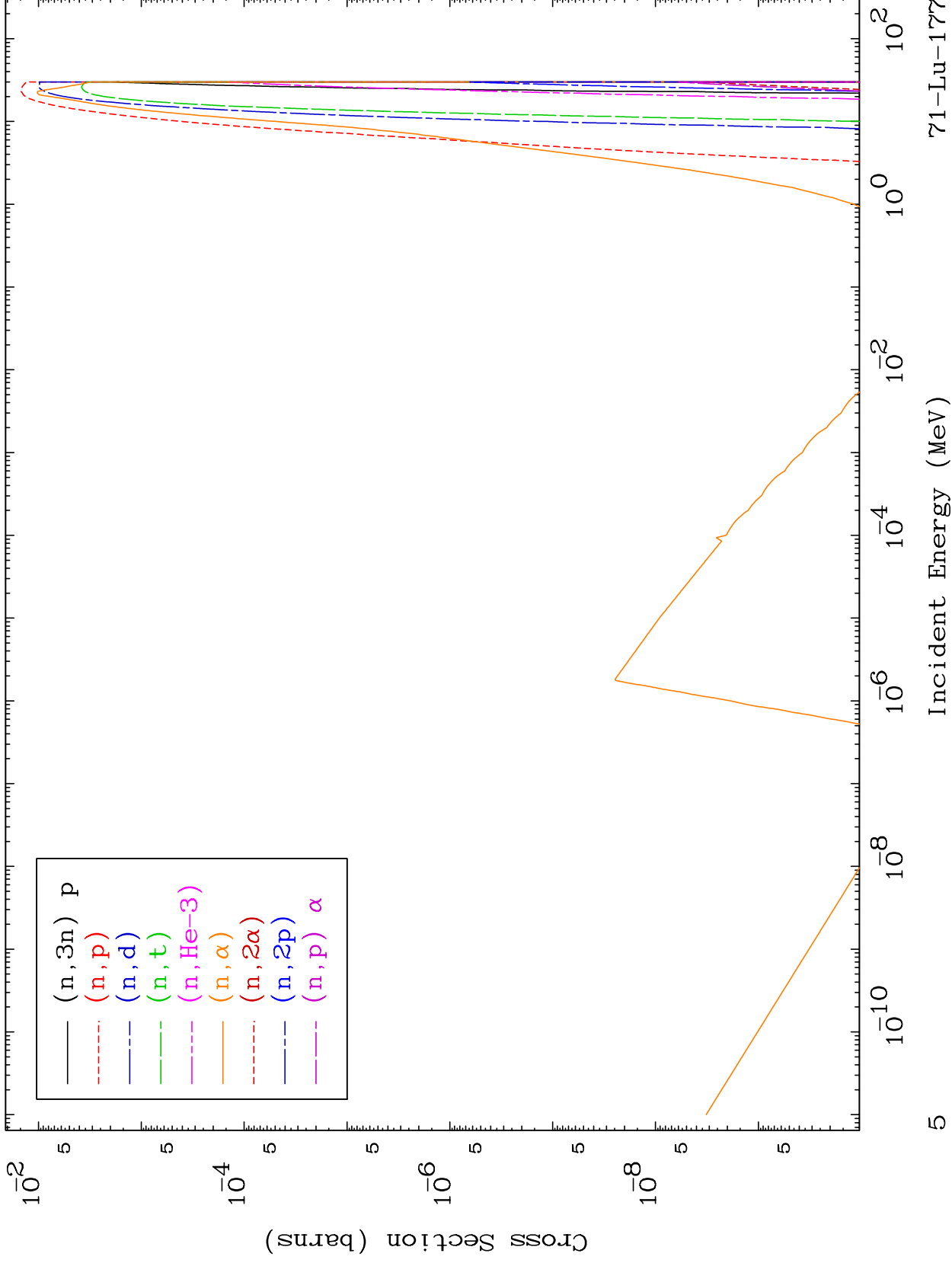
71-Lu-177



MAT 7131

Charged Particle
293 Kelvin Cross Sections

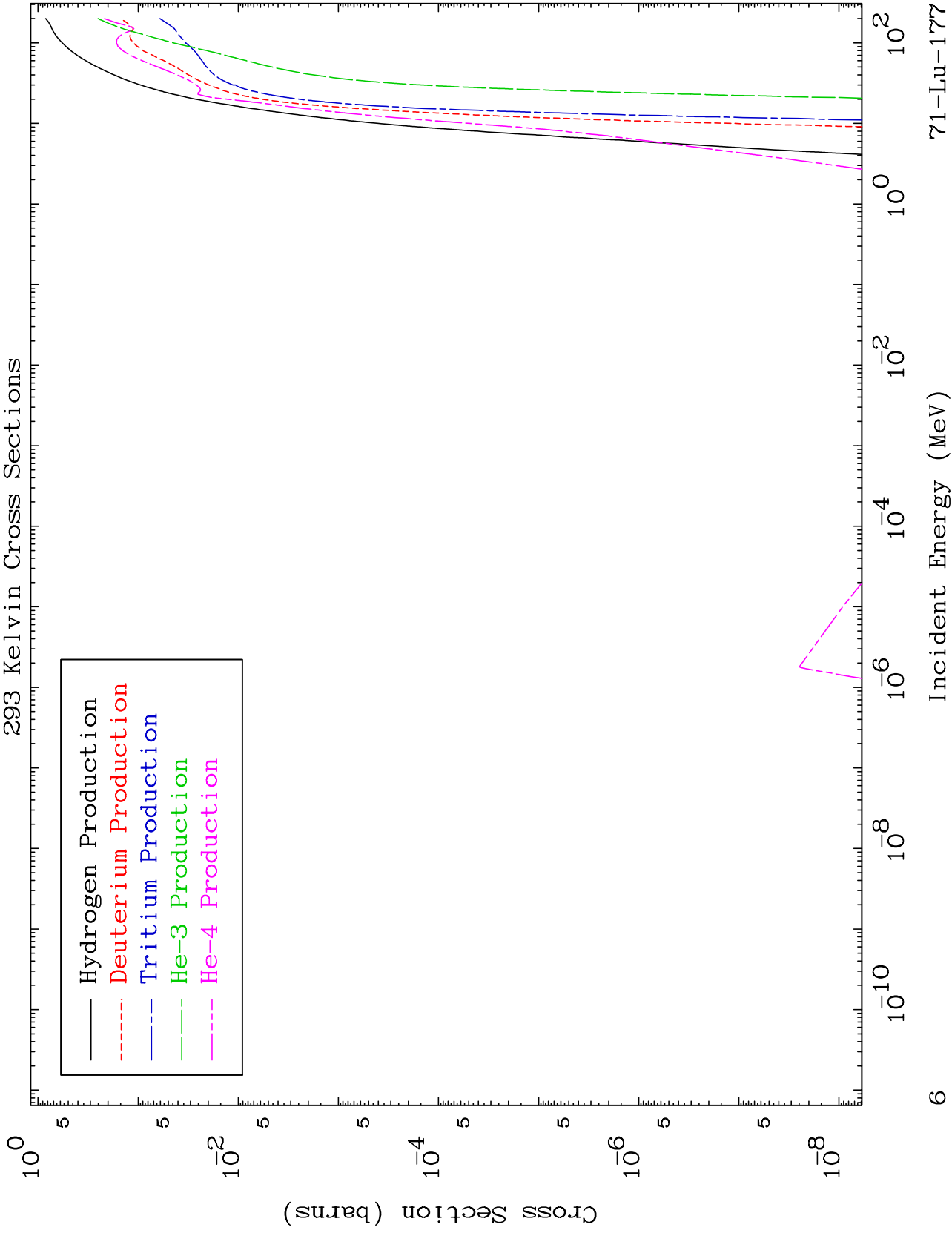
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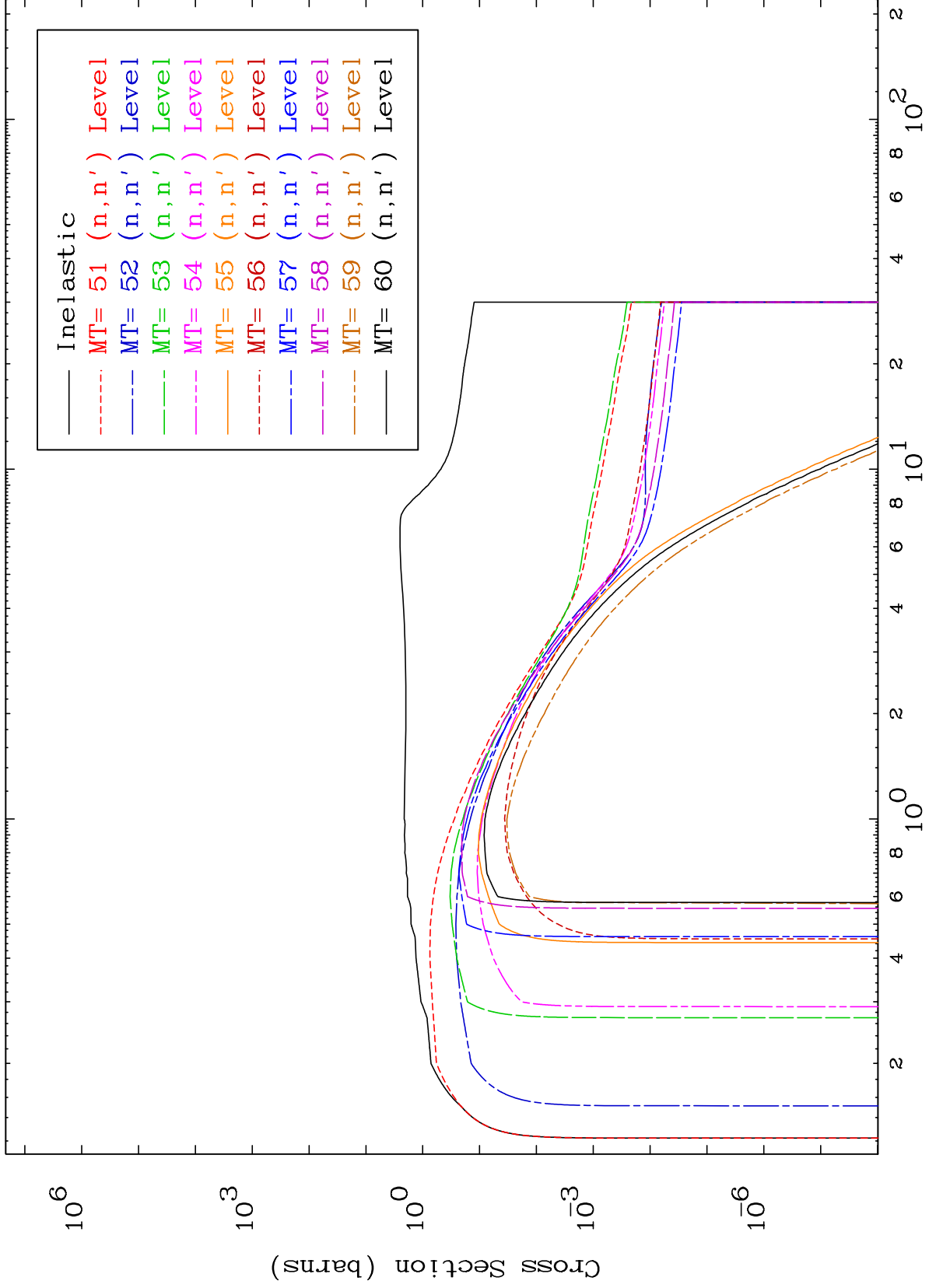
MAT 7131

Particle Production
293 Kelvin Cross Sections

71-Lu-177



293 Kelvin Cross Sections

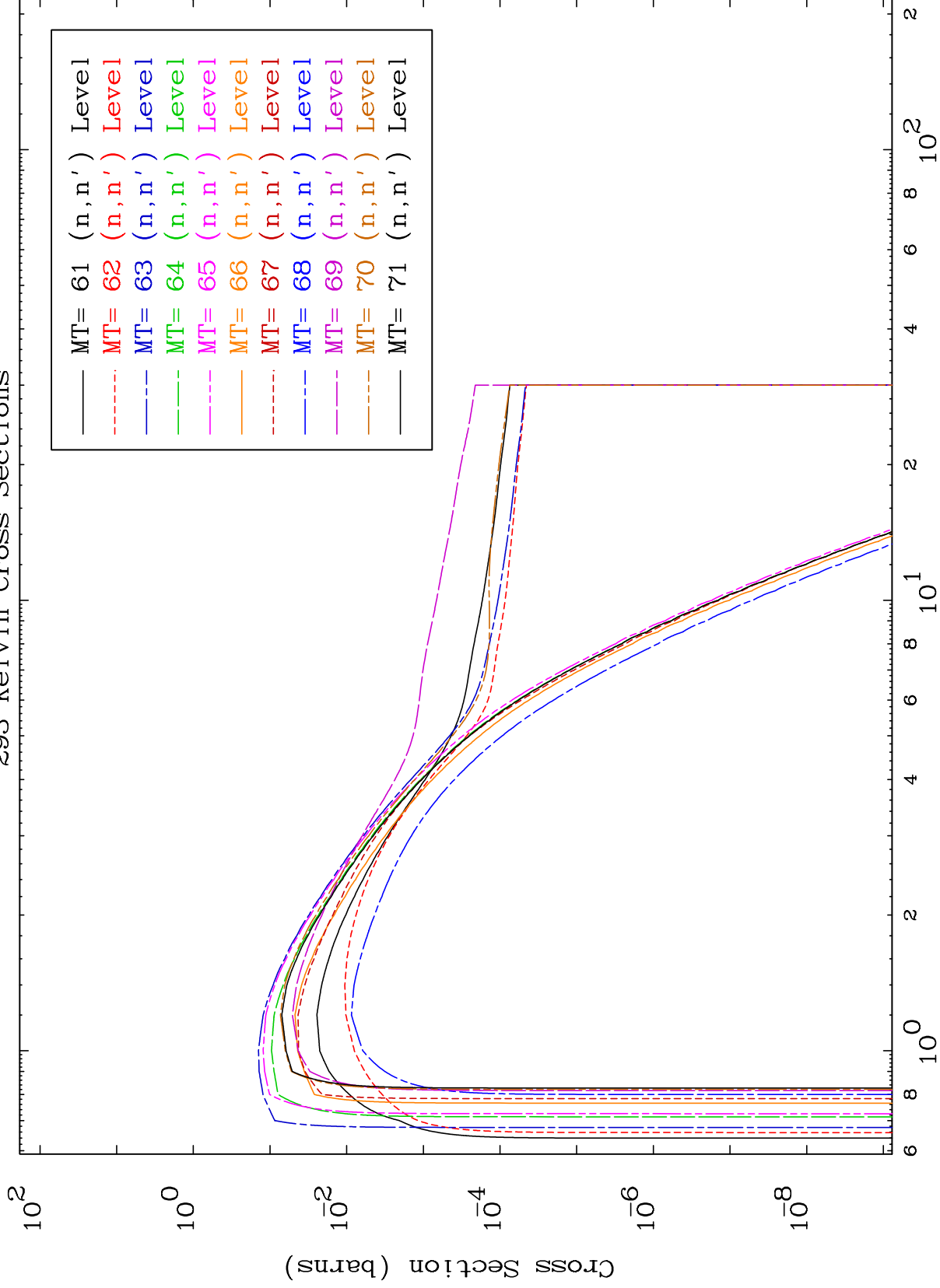


MAT 7131

(n,n') Level

293 Kelvin Cross Sections

71-Lu-177



Incident Energy (MeV)

71-Lu-177

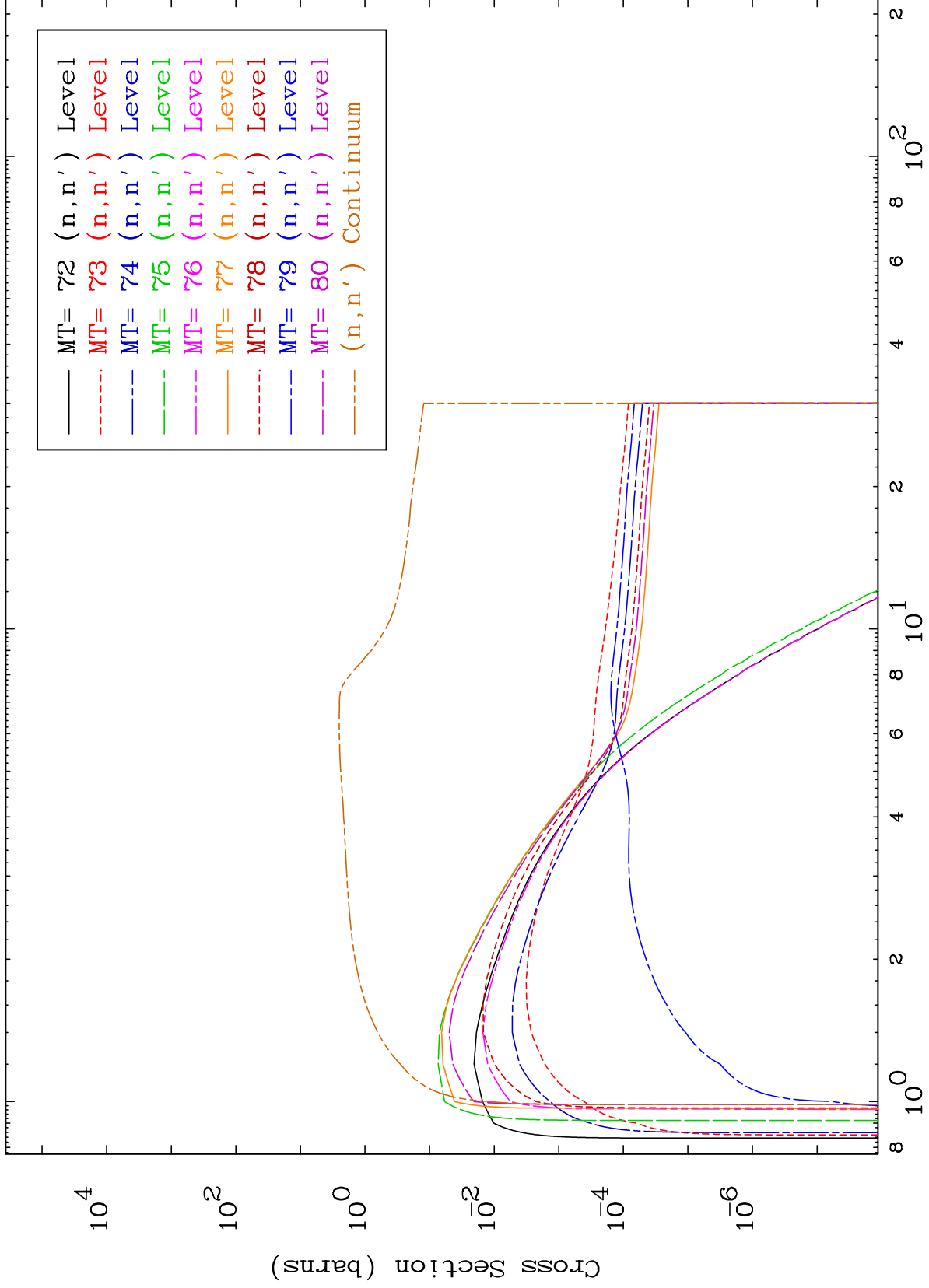
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MAT 7131

(n,n') Level

71-Lu-177

293 Kelvin Cross Sections



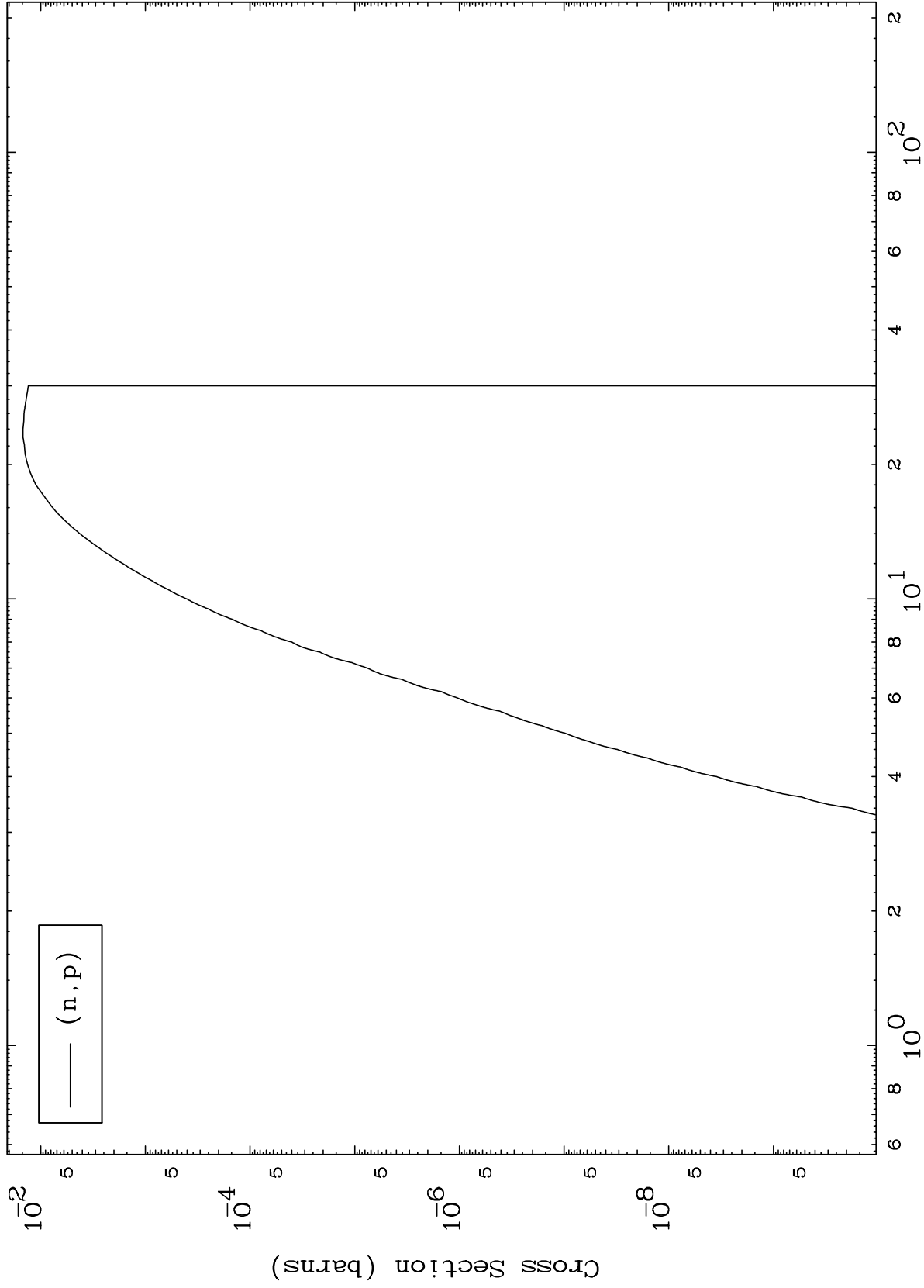
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-177



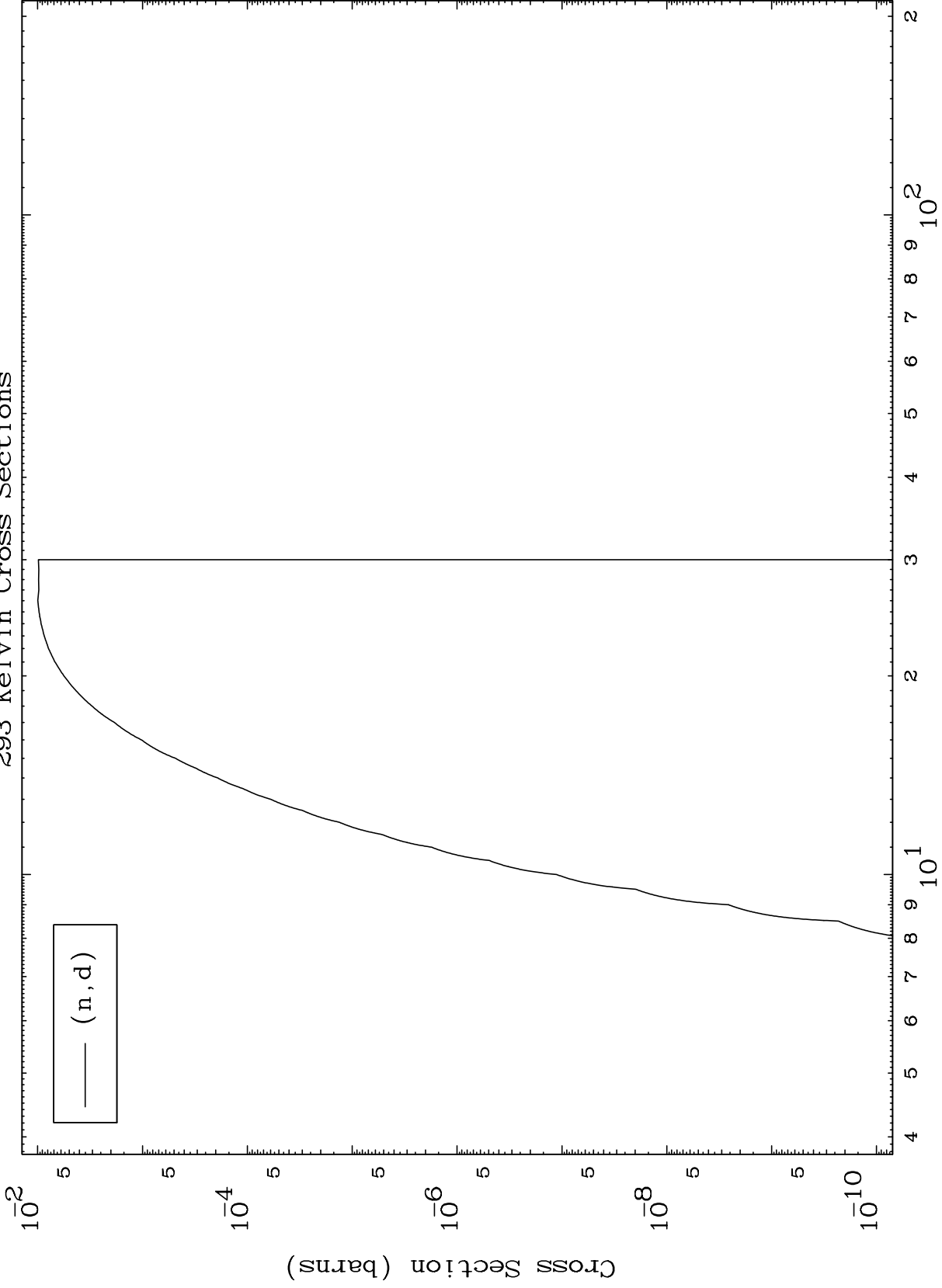
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-177



(n,d)

Incident Energy (MeV)

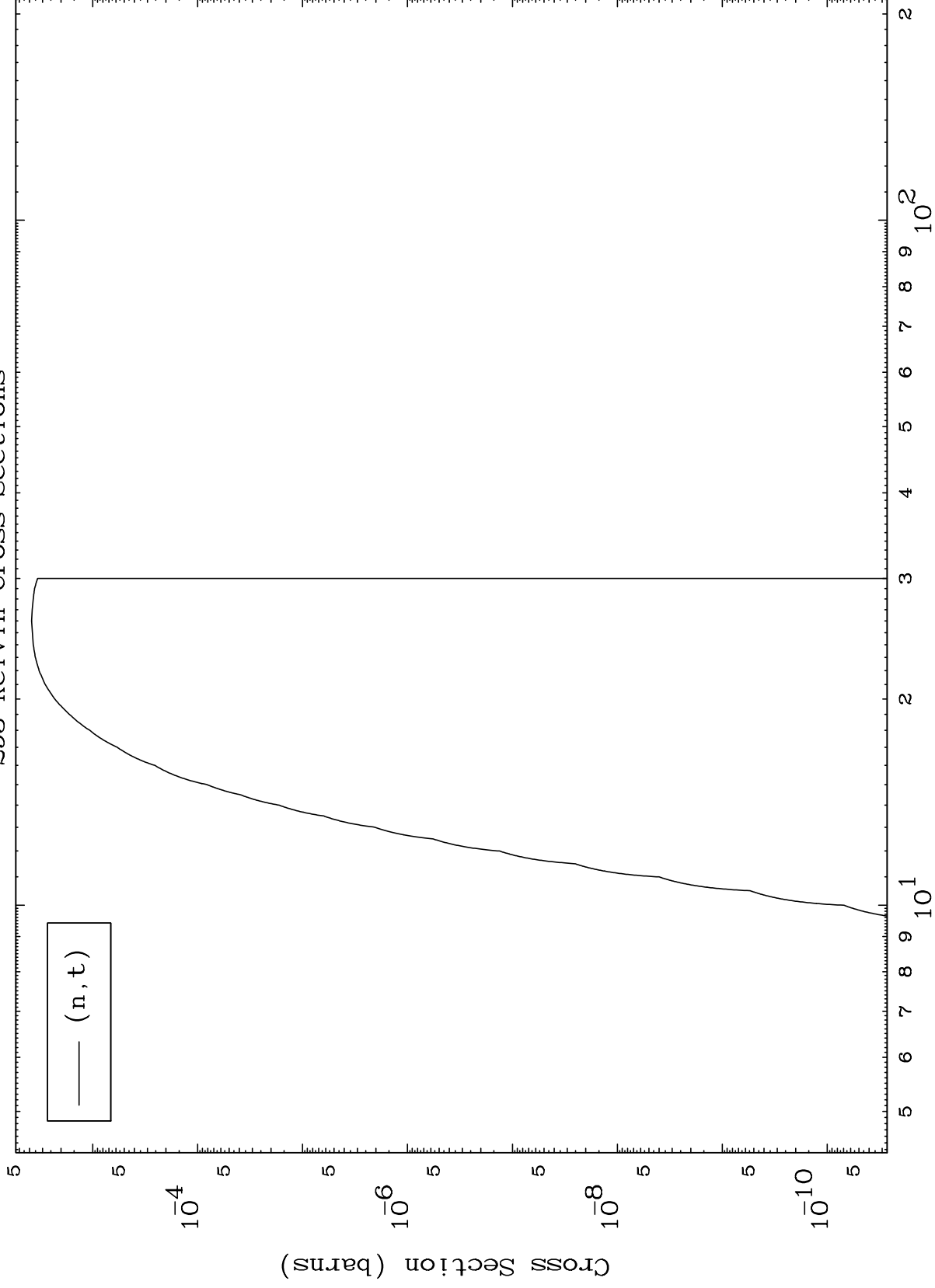
71-Lu-177

11

MAT 7131

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-177



12

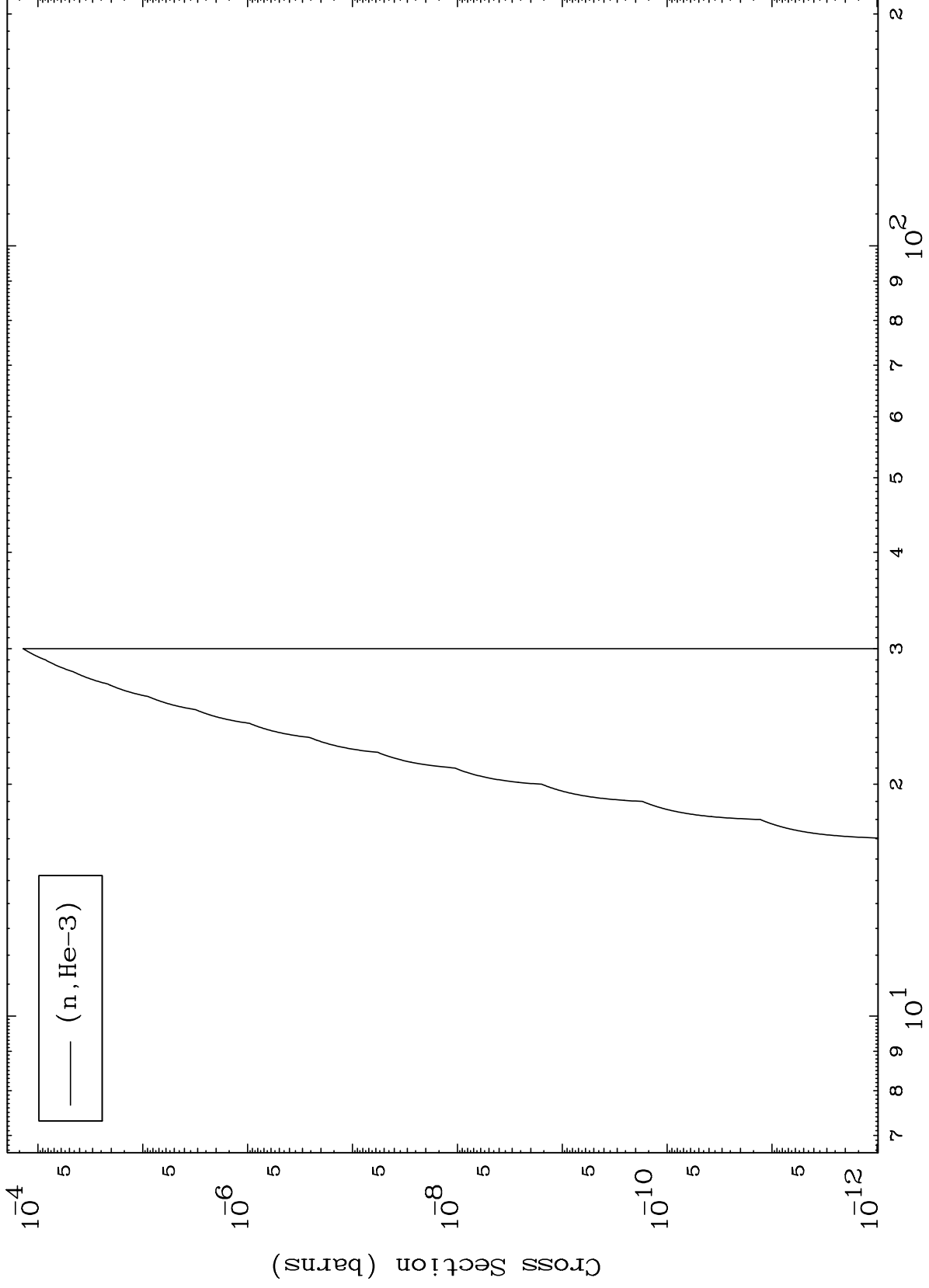
Incident Energy (MeV)

71-Lu-177

MAT 7131

(n,He3) Levels
293 Kelvin Cross Sections

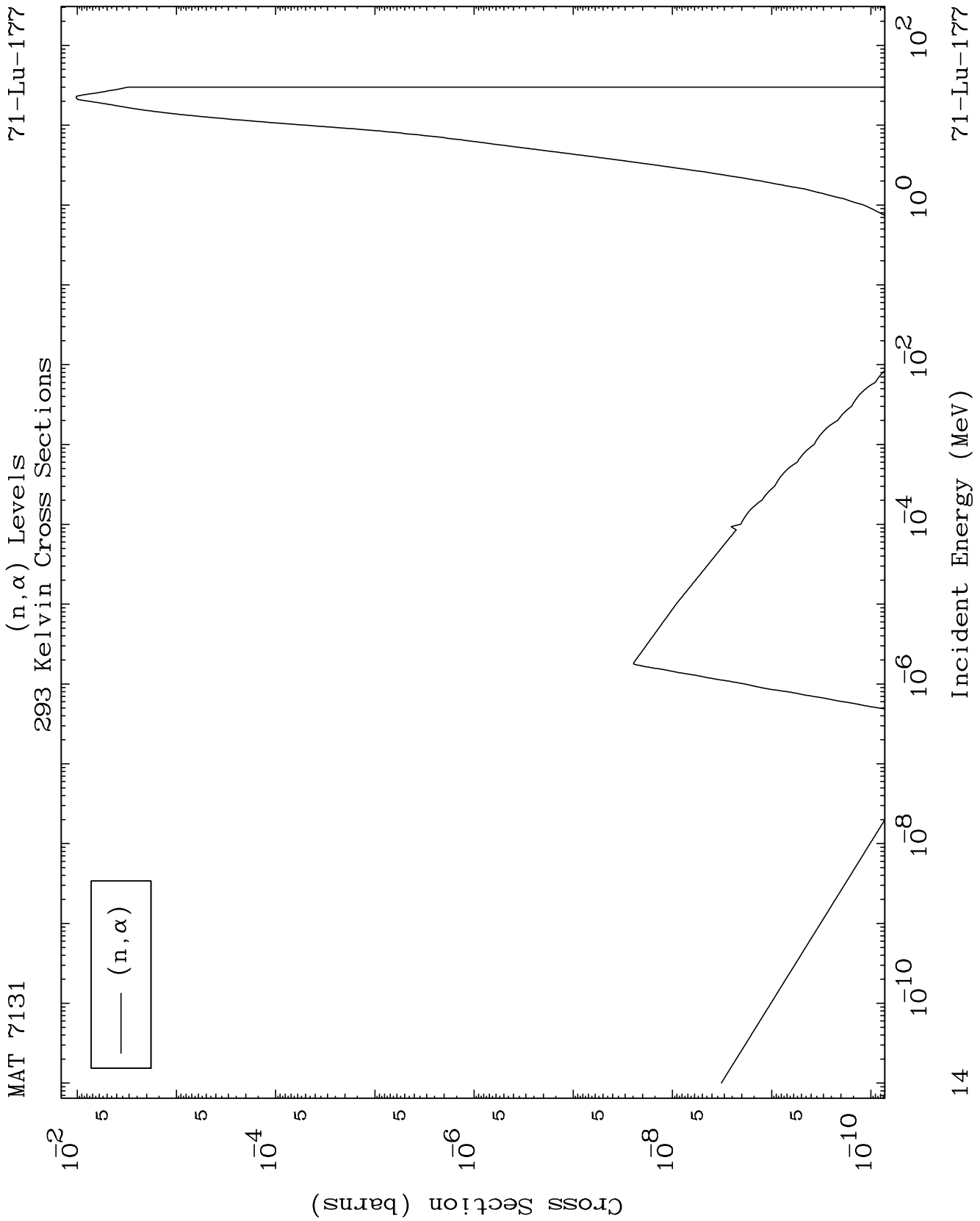
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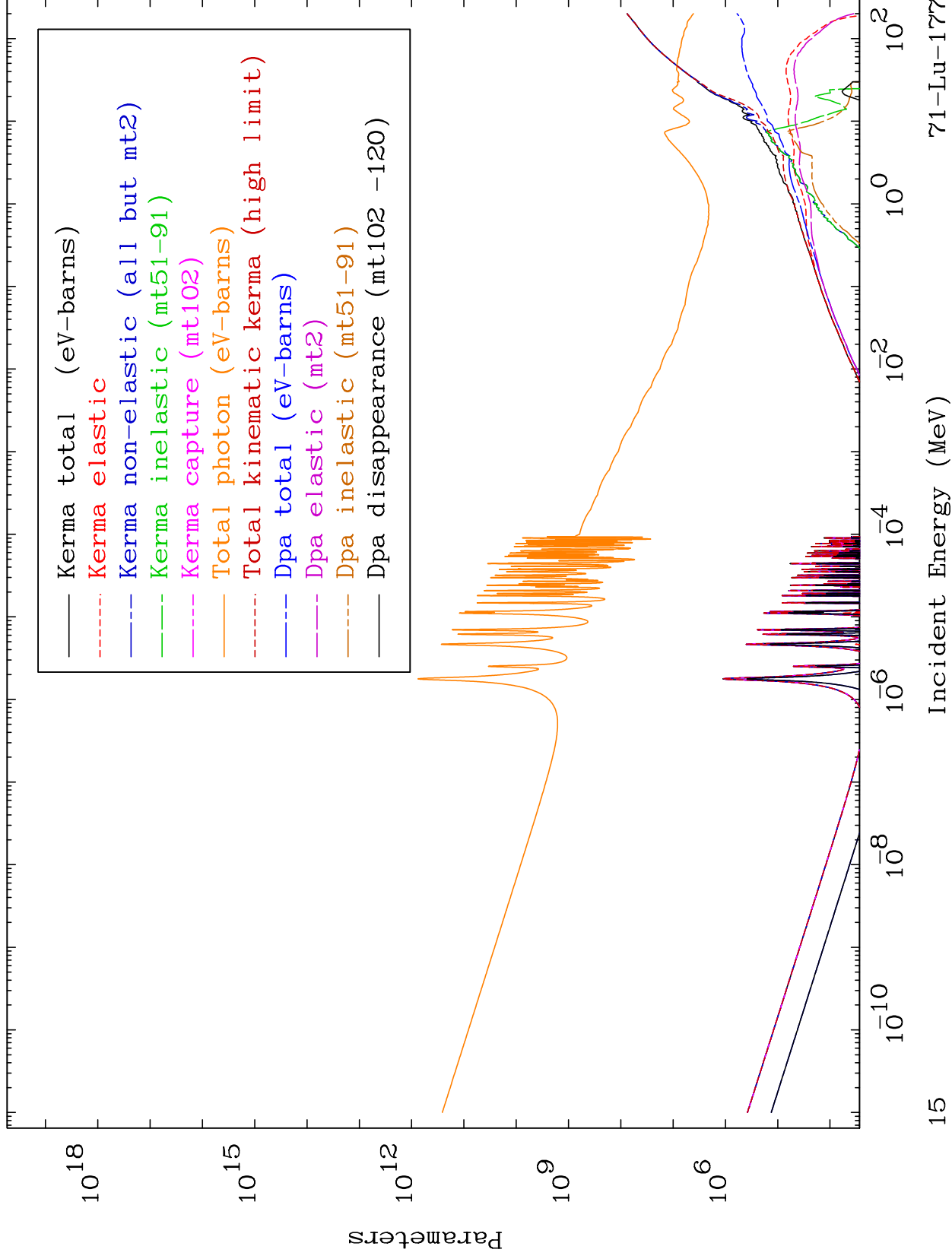


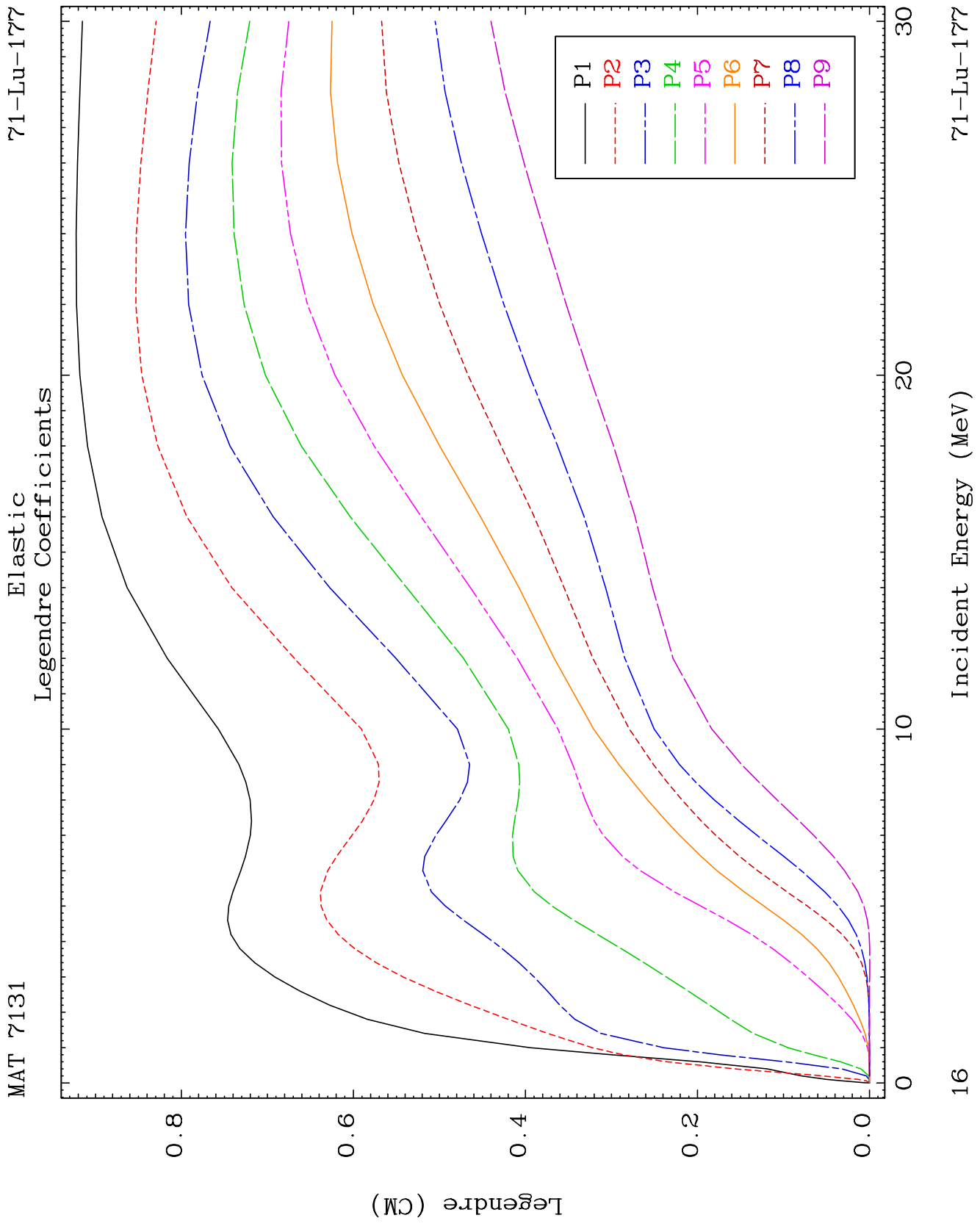
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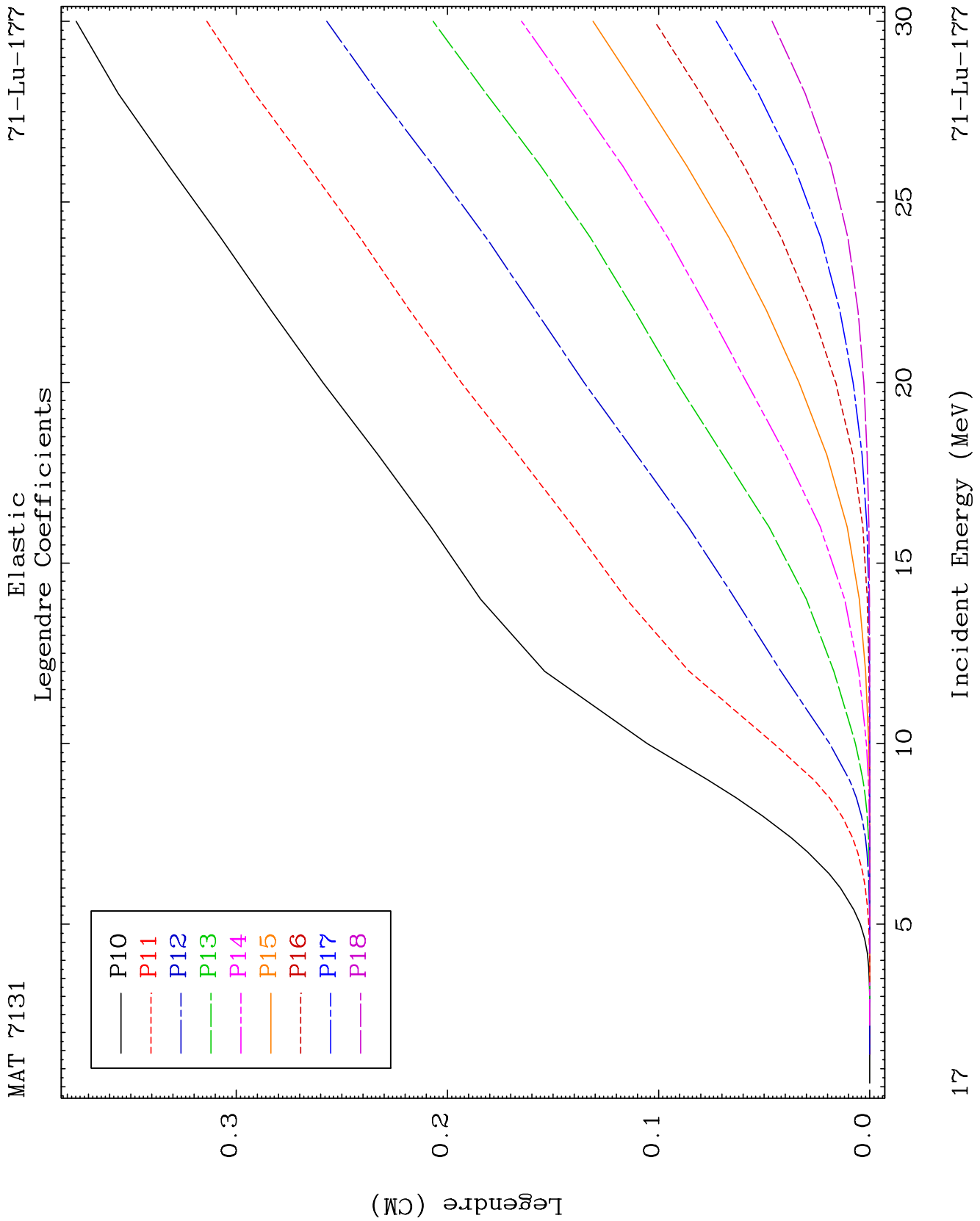
Incident Energy (MeV)

71-Lu-177





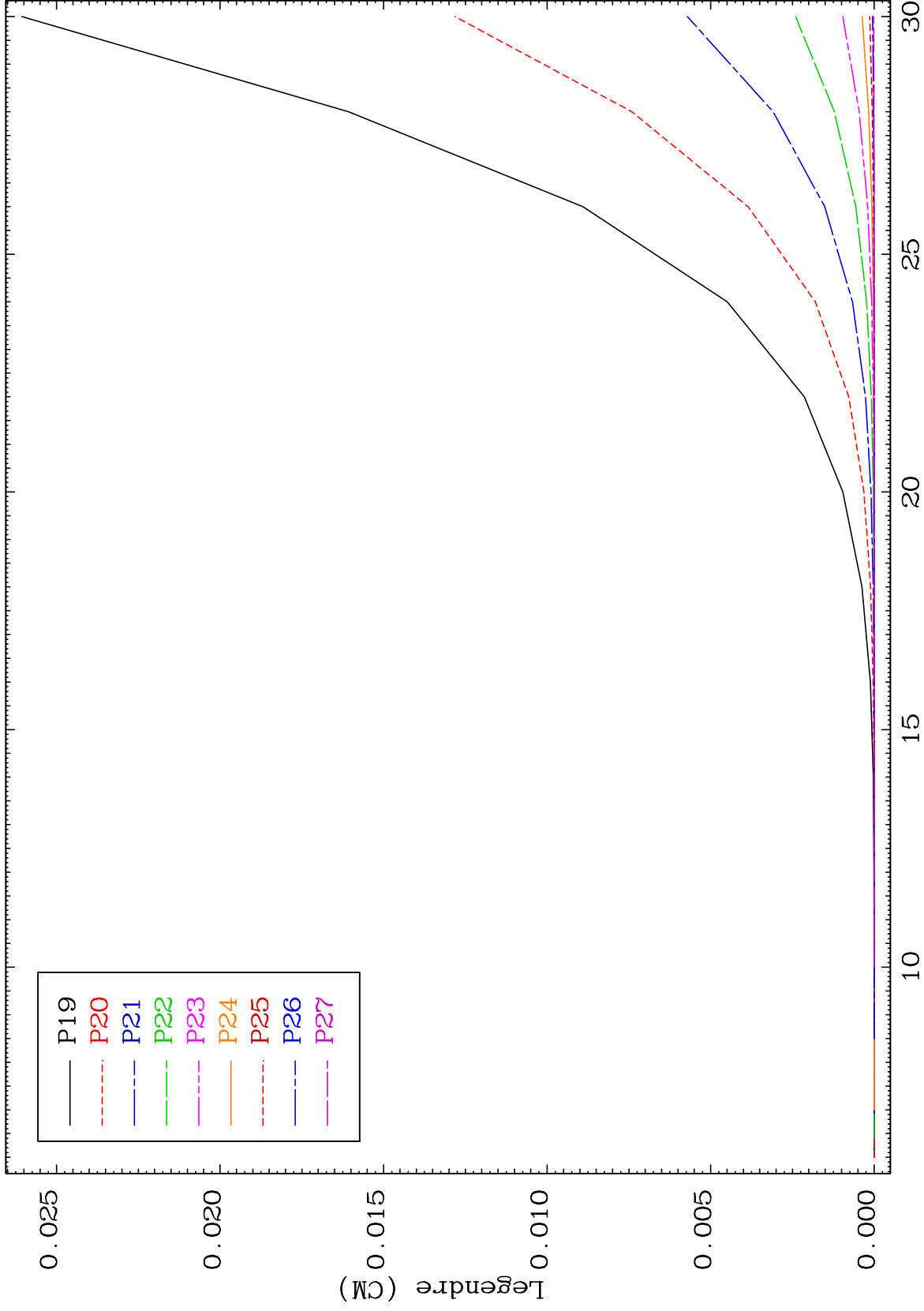




MAT 7131

Elastic
Legendre Coefficients

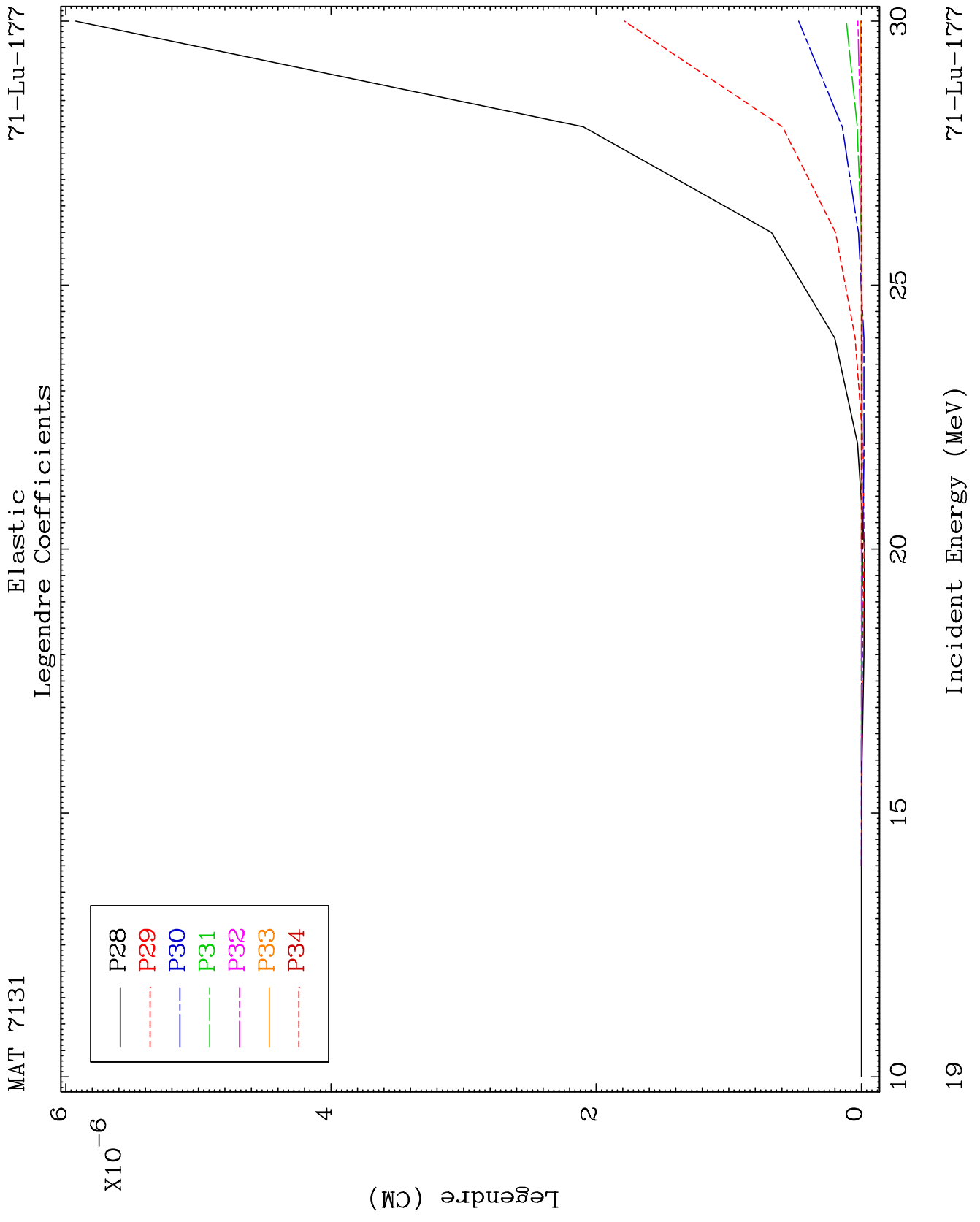
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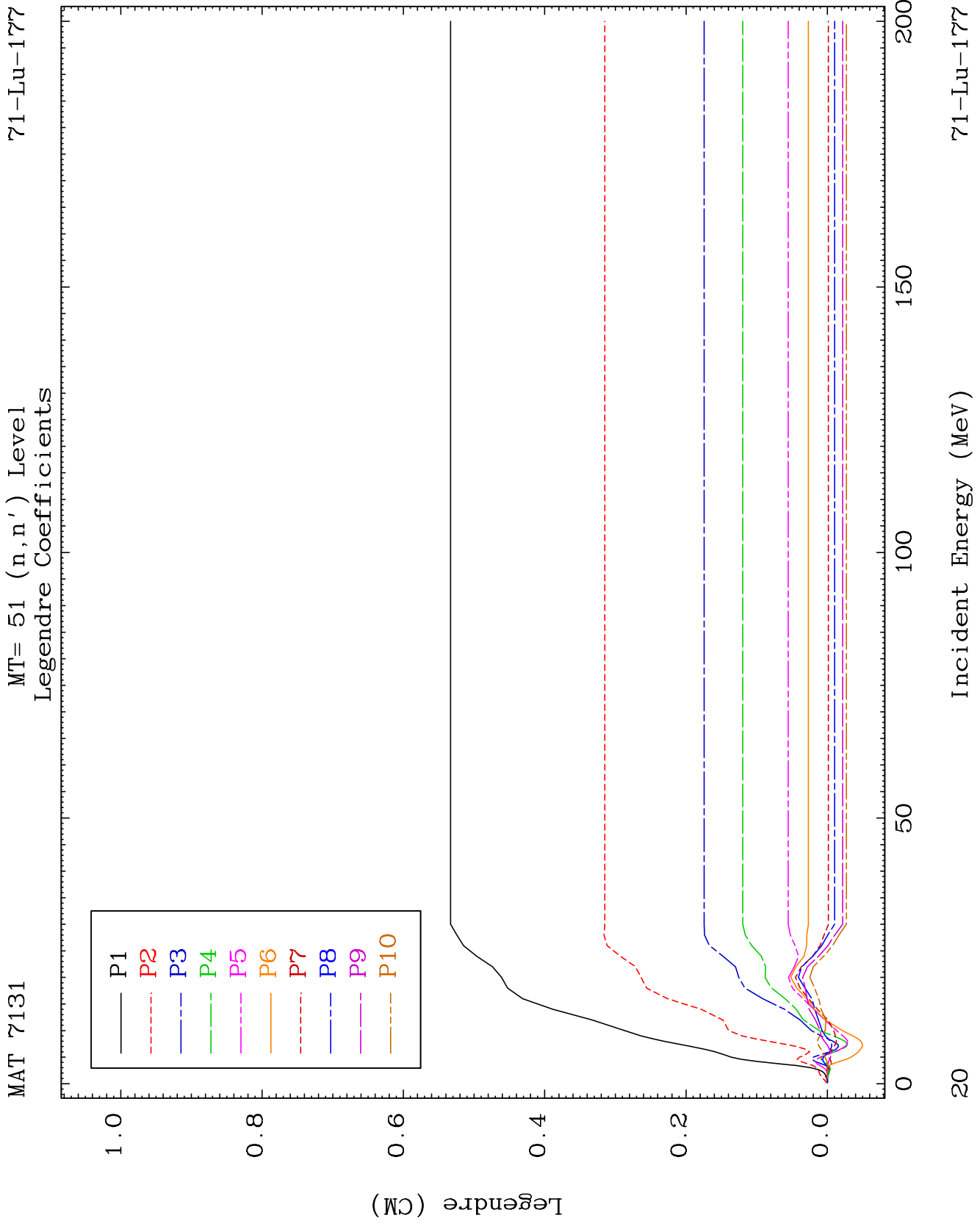


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Incident Energy (MeV)

71-Lu-177

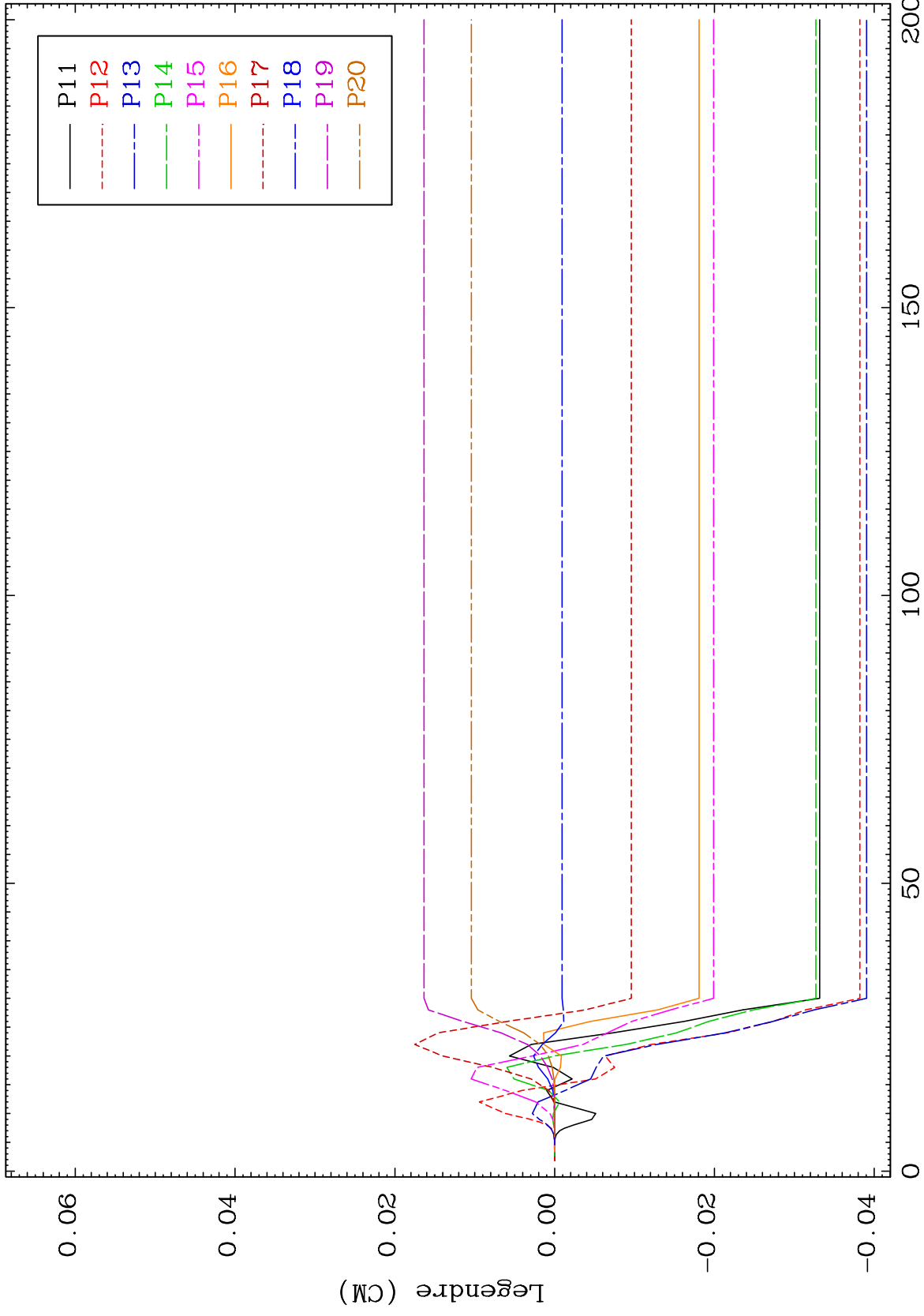




MAT 7131

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

71-Lu-177



21

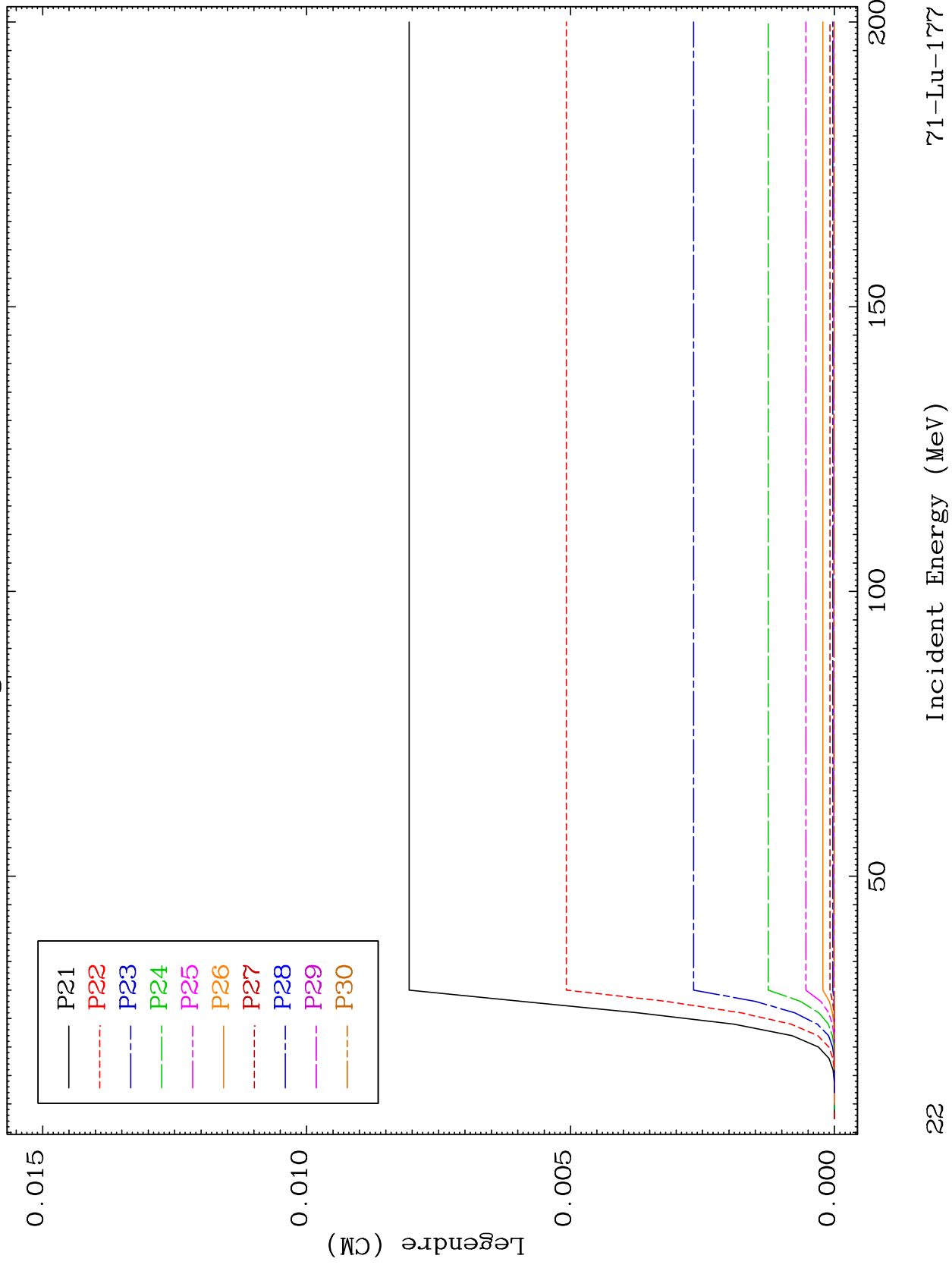
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

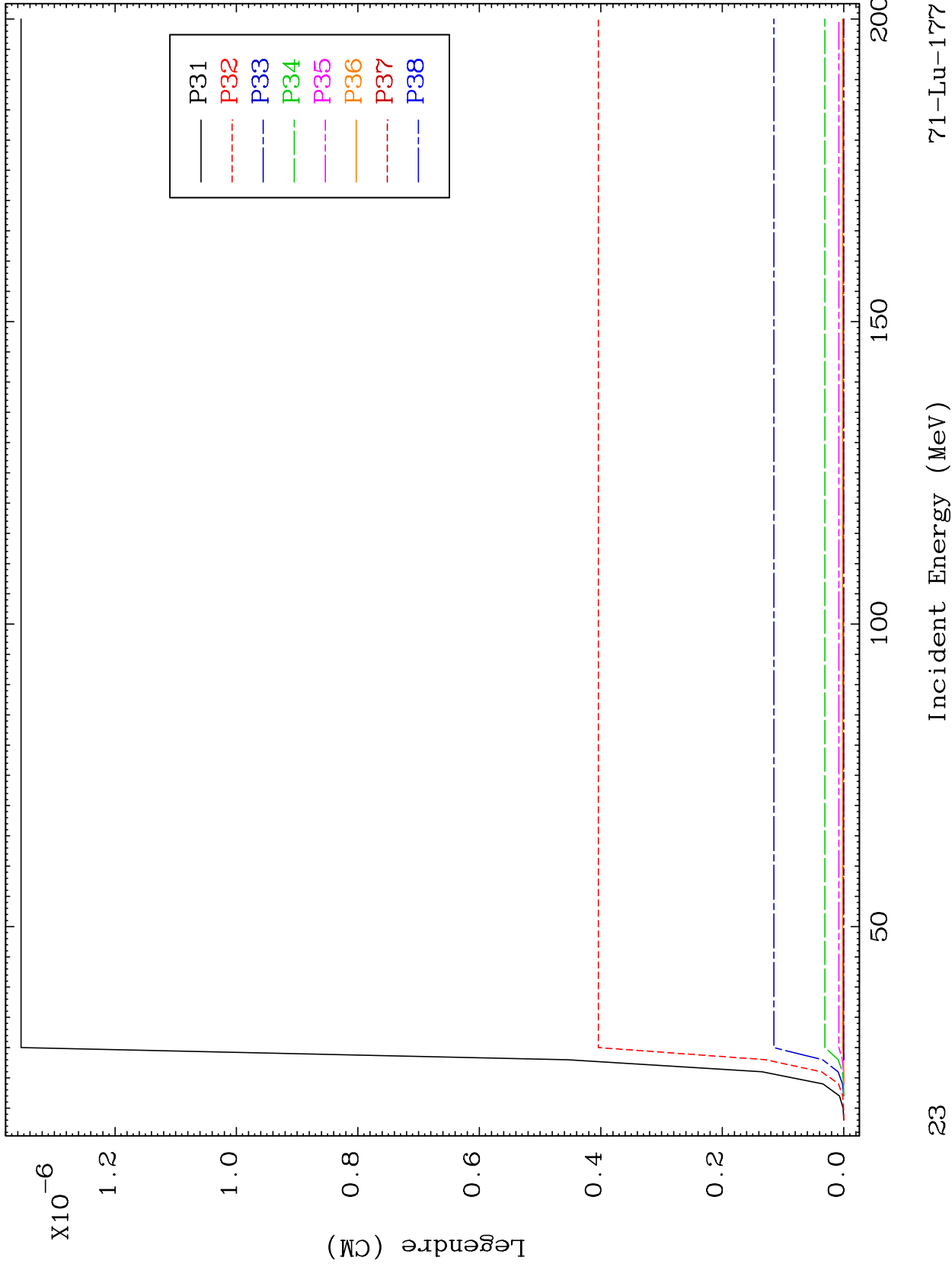
71-Lu-177



22

Incident Energy (MeV)

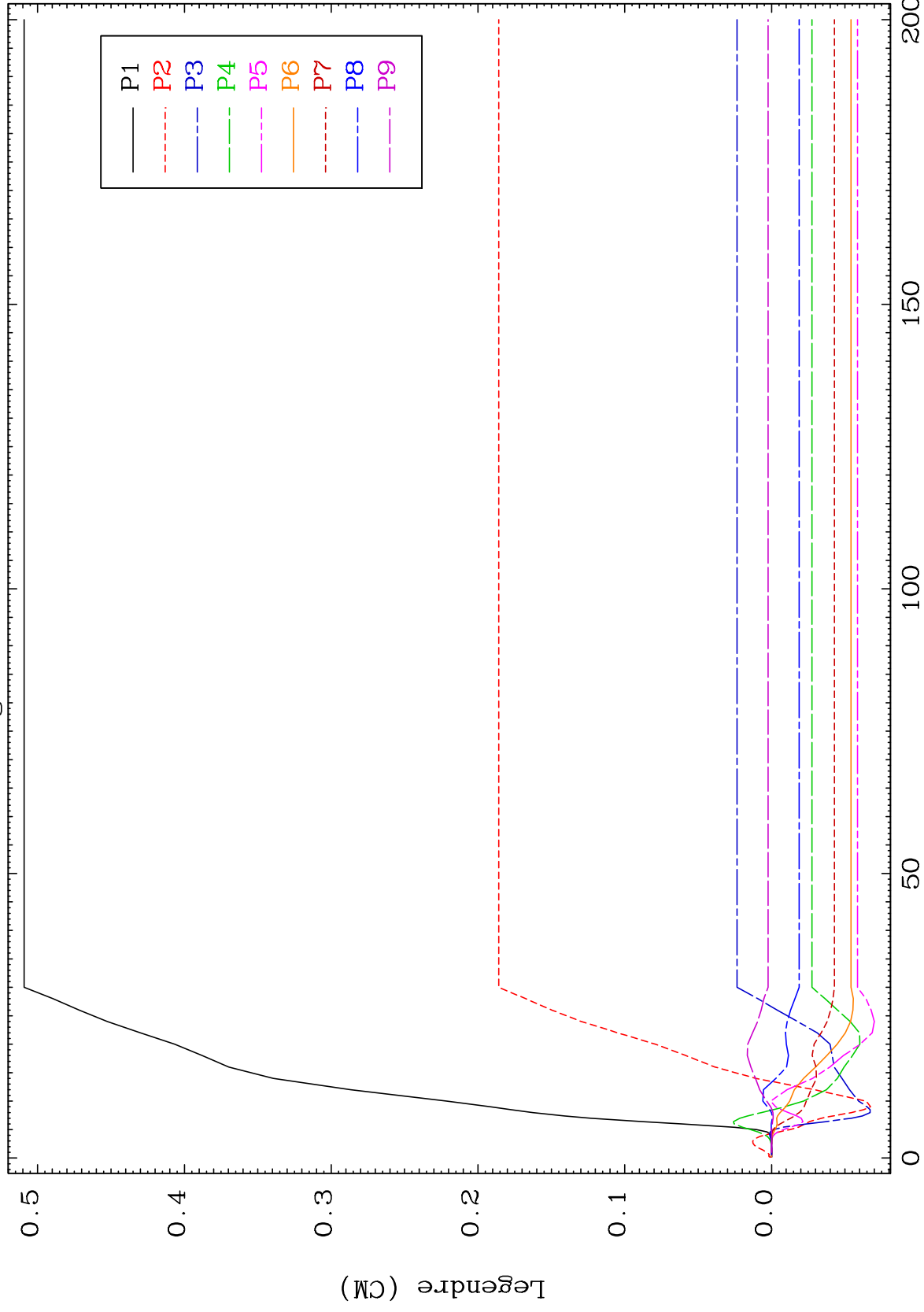
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MAT 7131

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

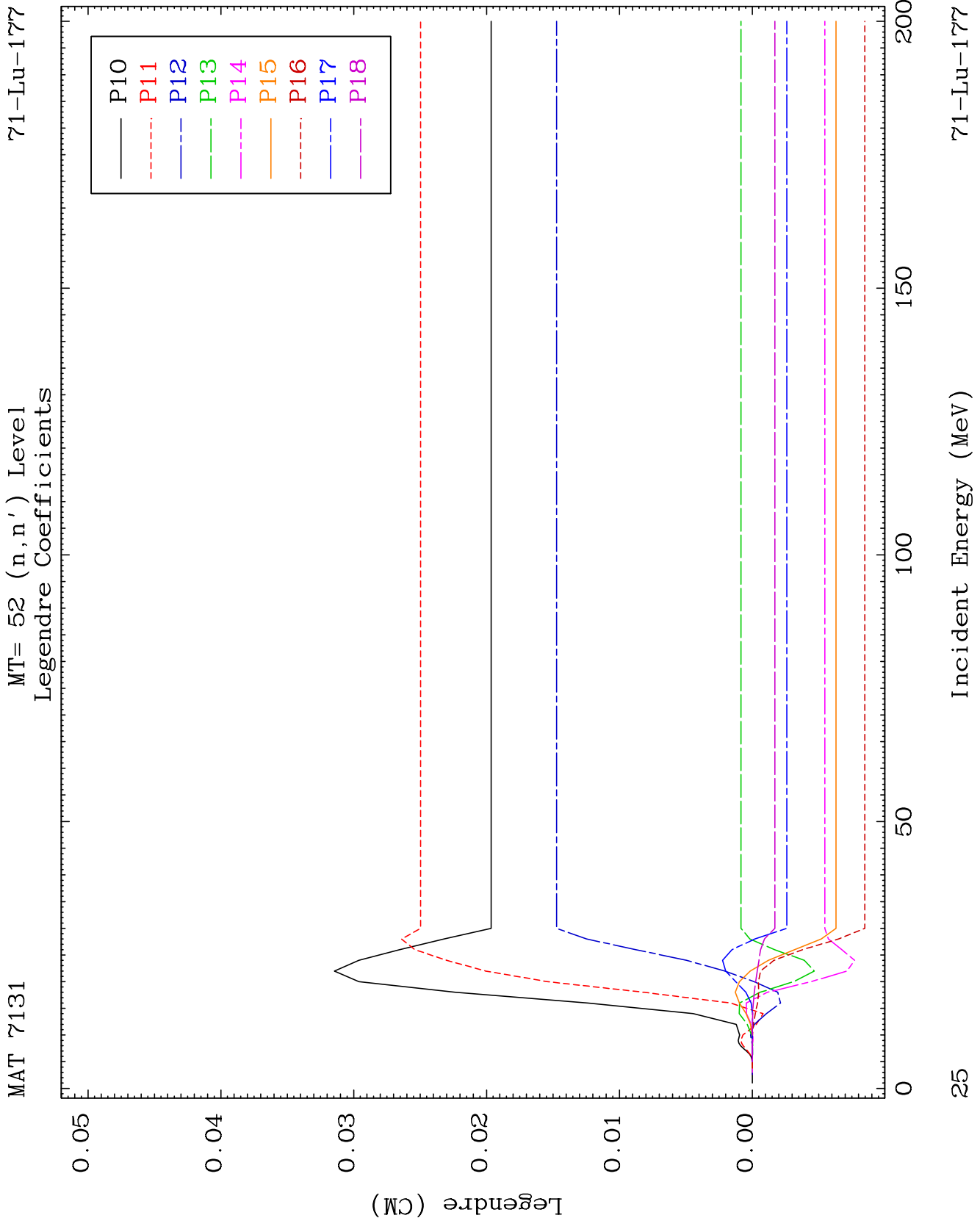
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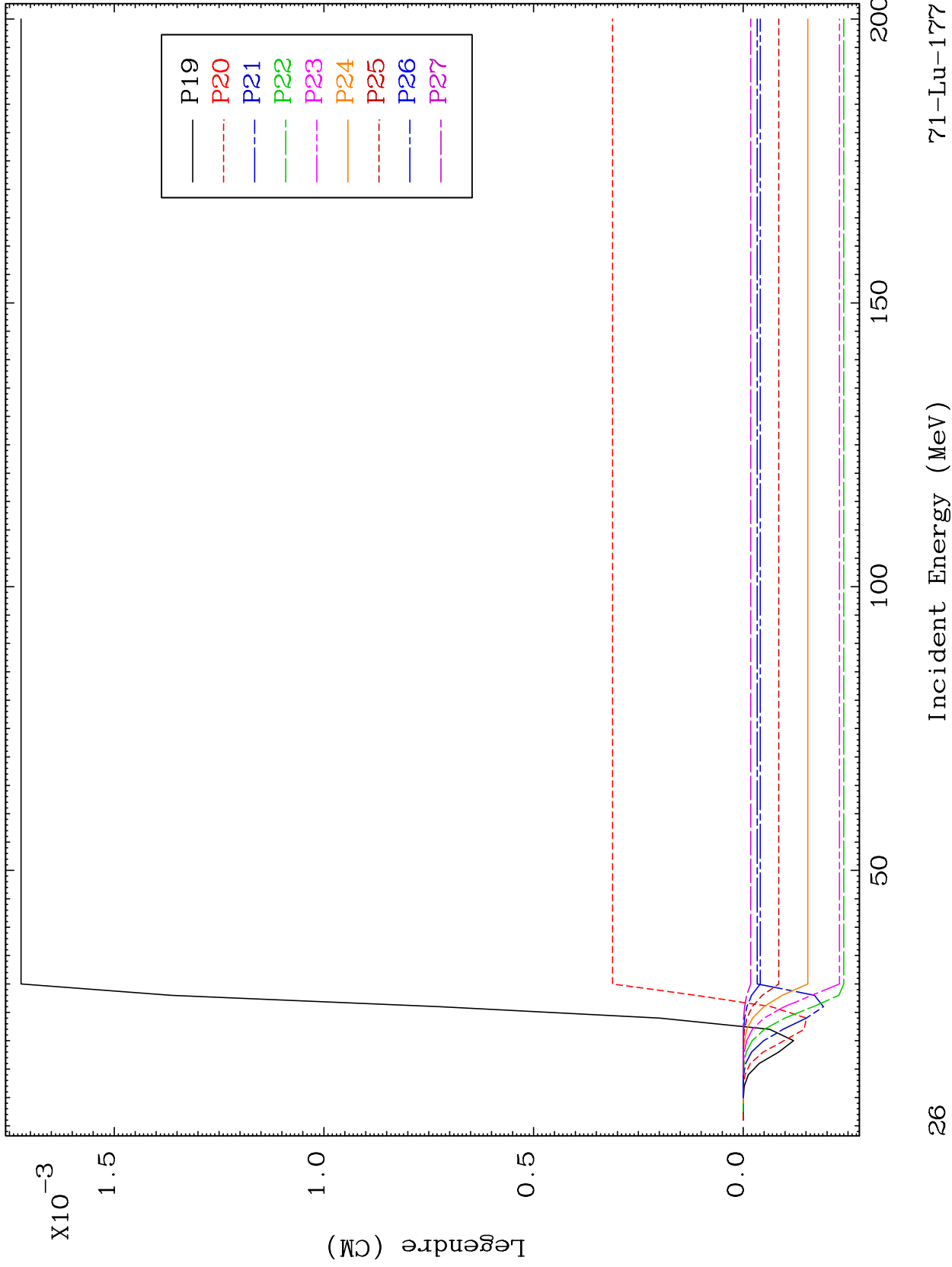


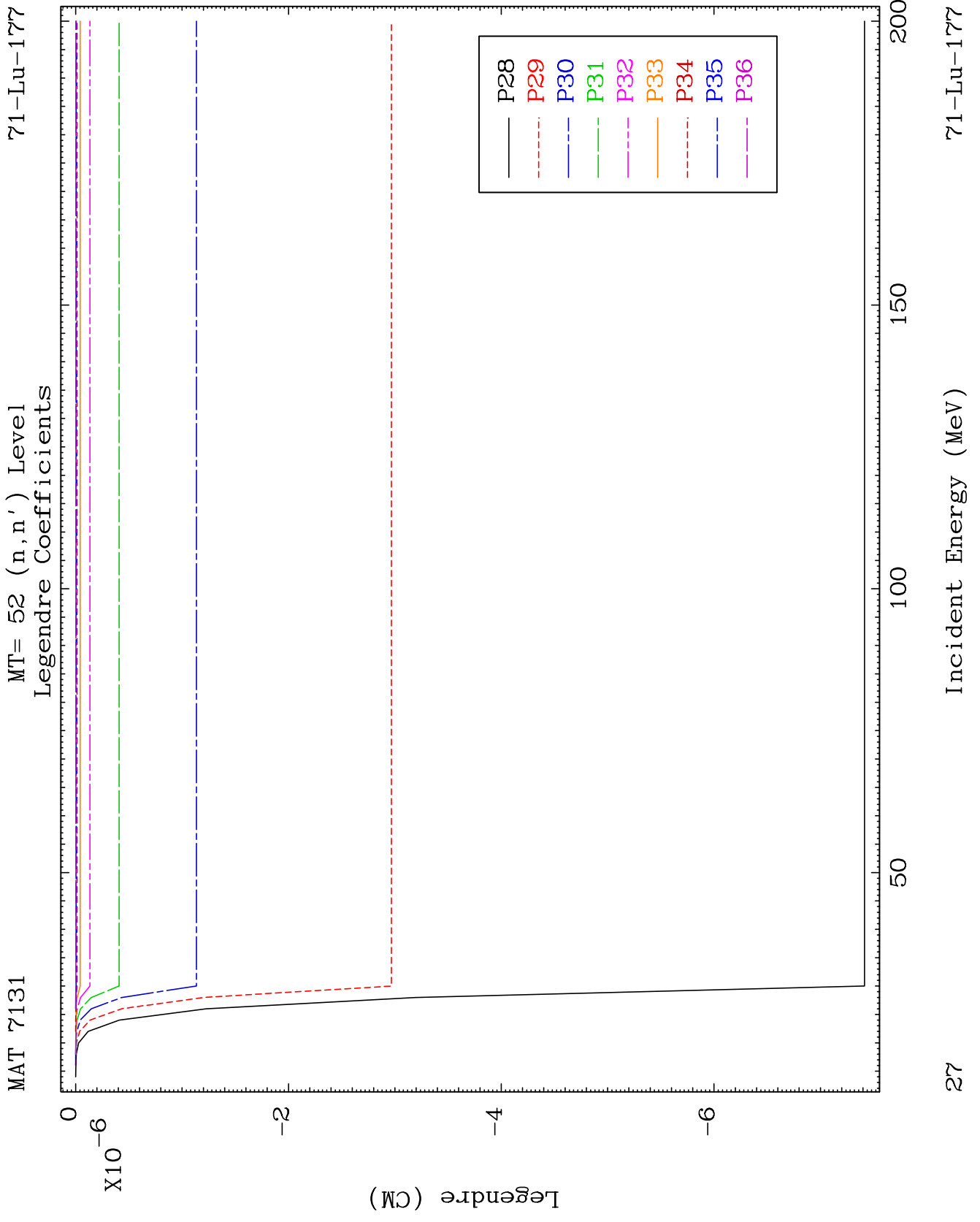
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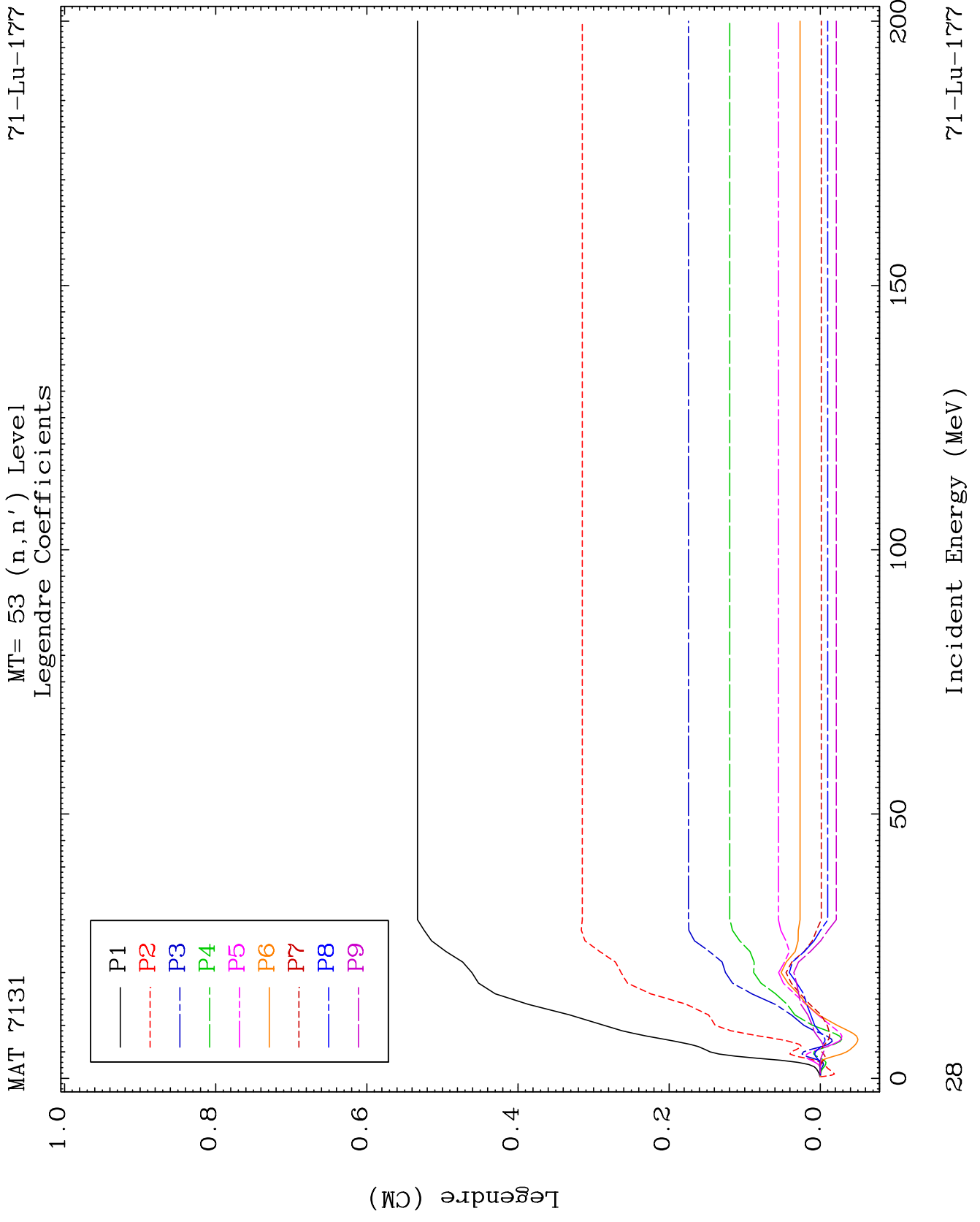
Incident Energy (MeV)

71-Lu-177





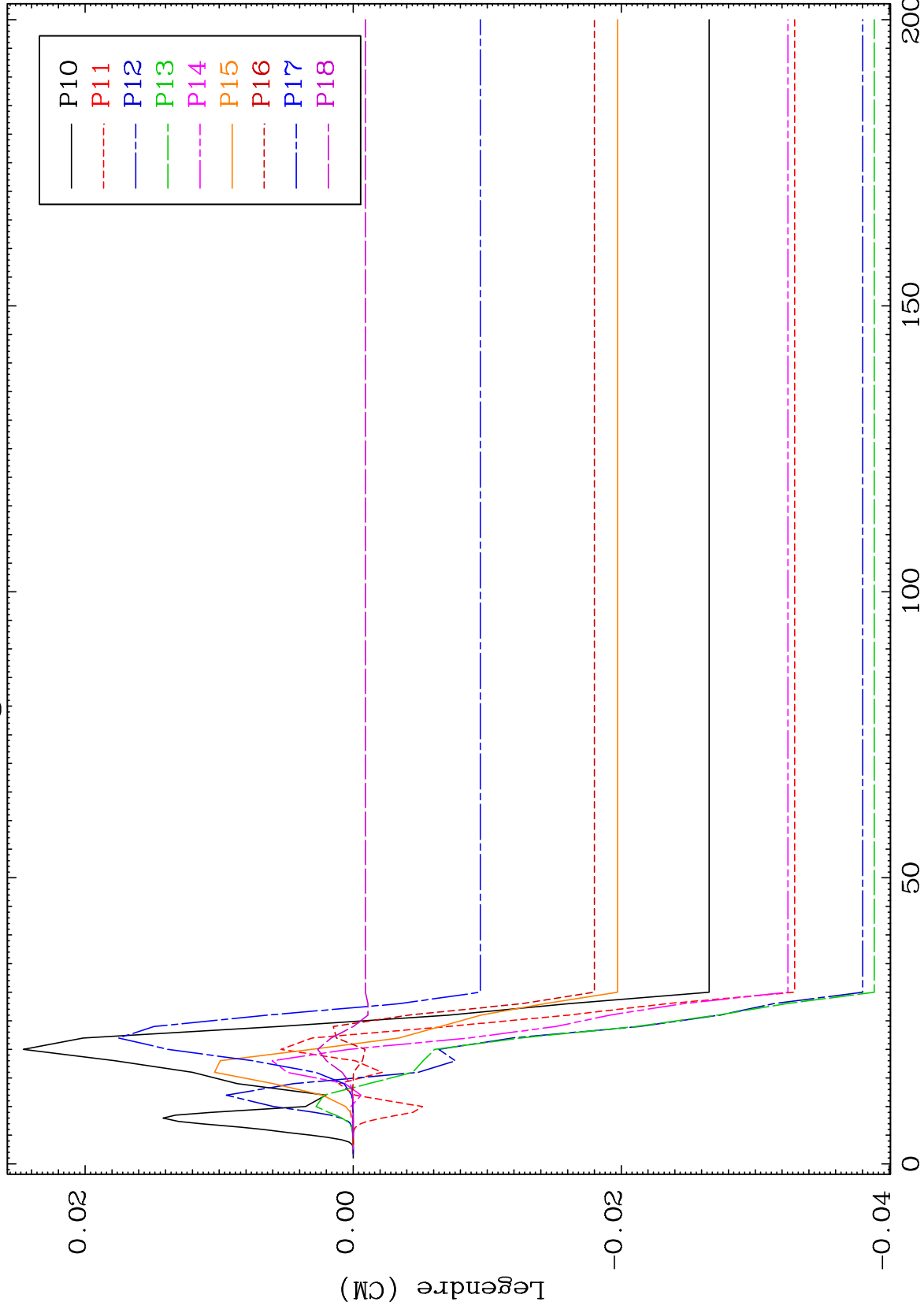




MAT 7131

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

71-Lu-177



29

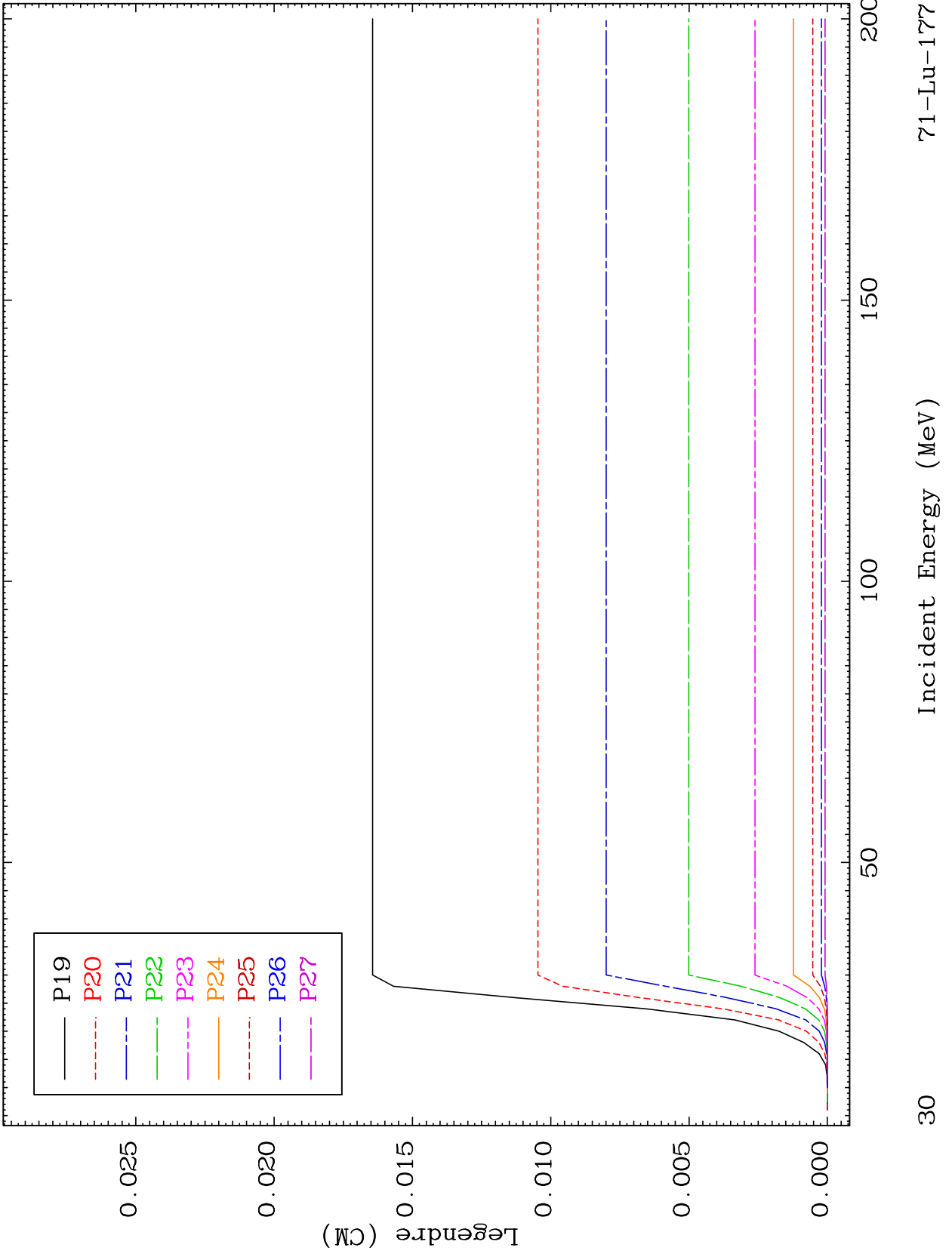
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

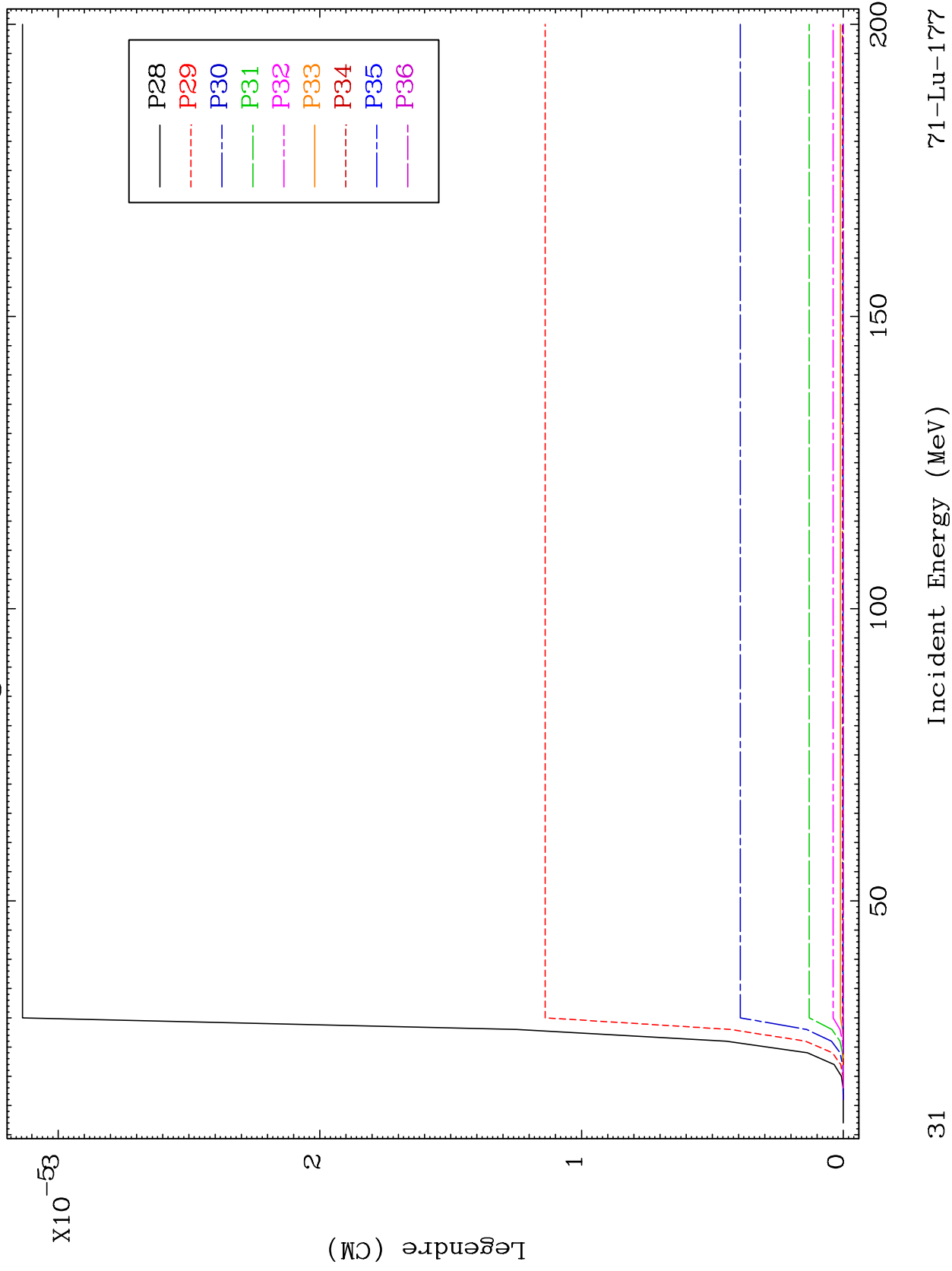
Incident Energy (MeV)

30

MAT 7131

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

71-Lu-177



31

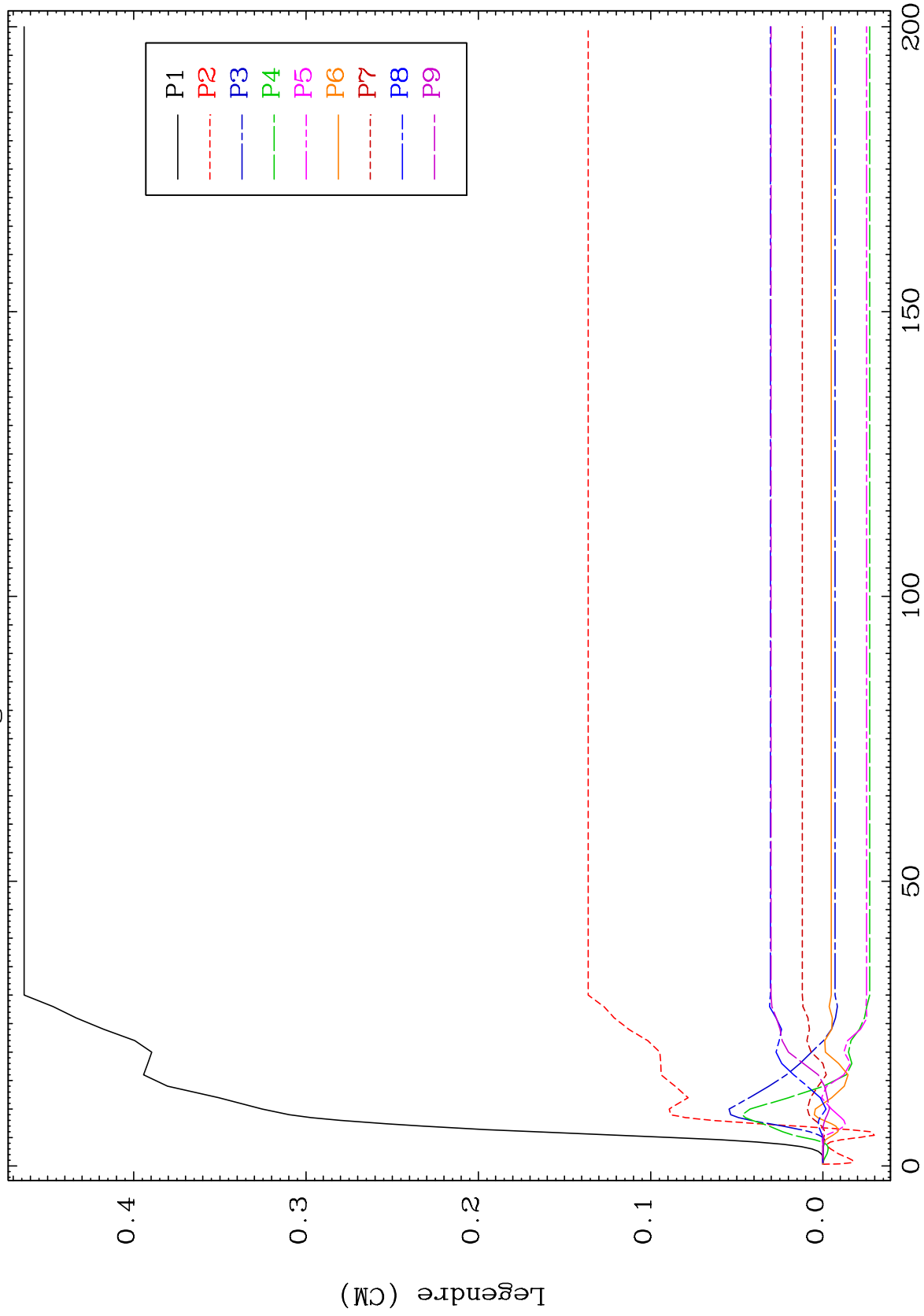
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

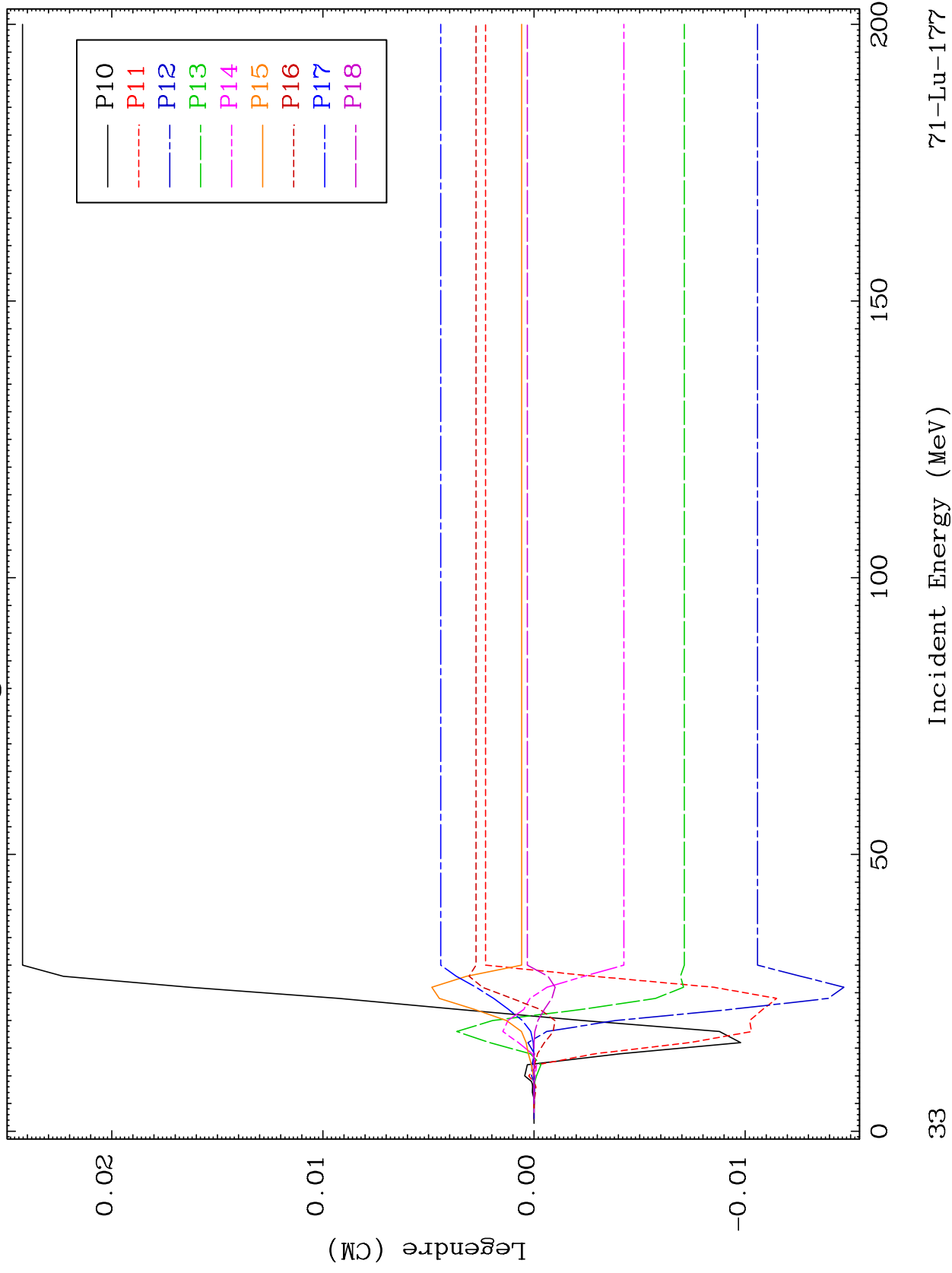
Incident Energy (MeV)

32

MAT 7131

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

71-Lu-177



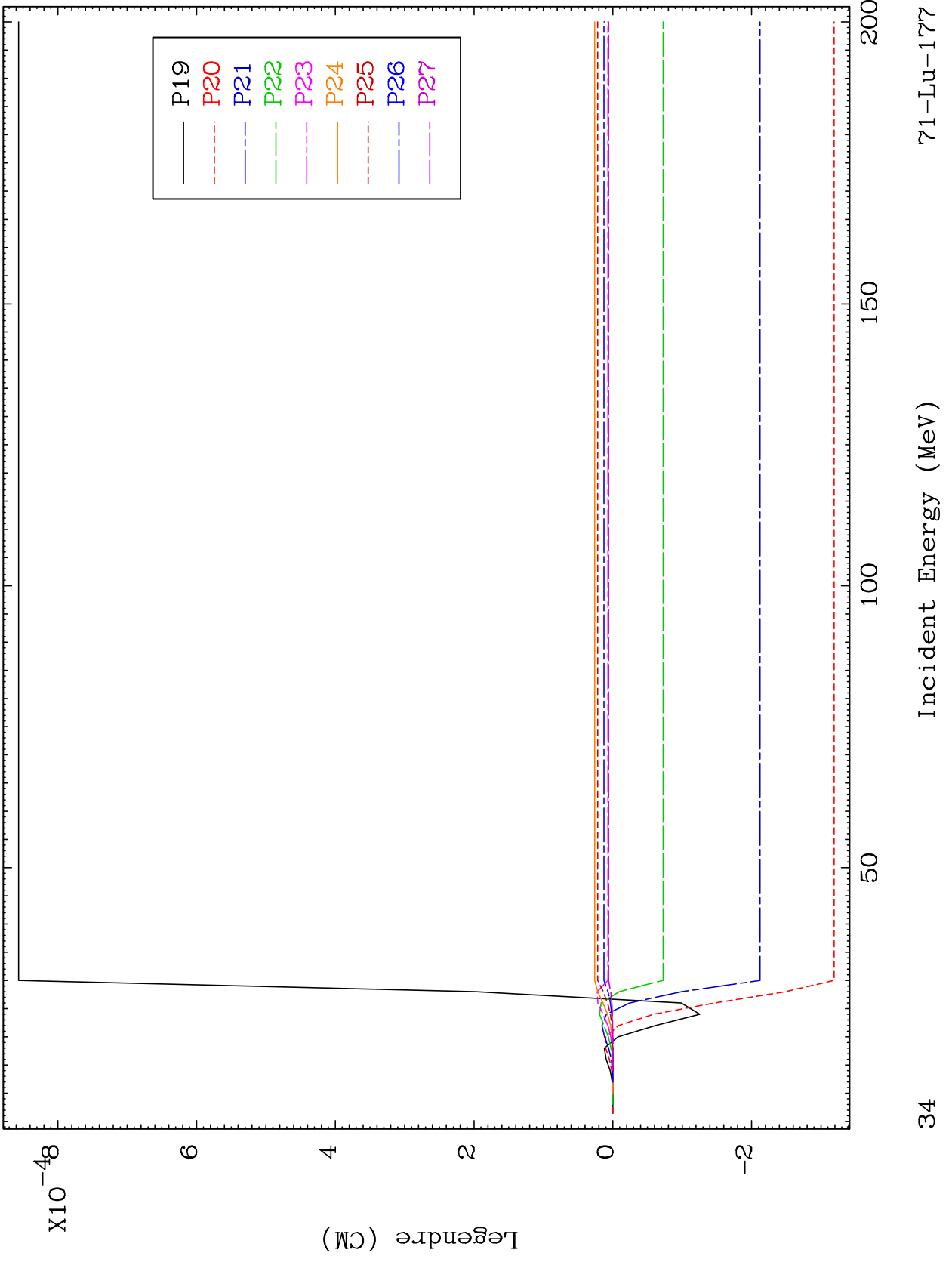
71-Lu-177

Incident Energy (MeV)

MAT 7131

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

71-Lu-177



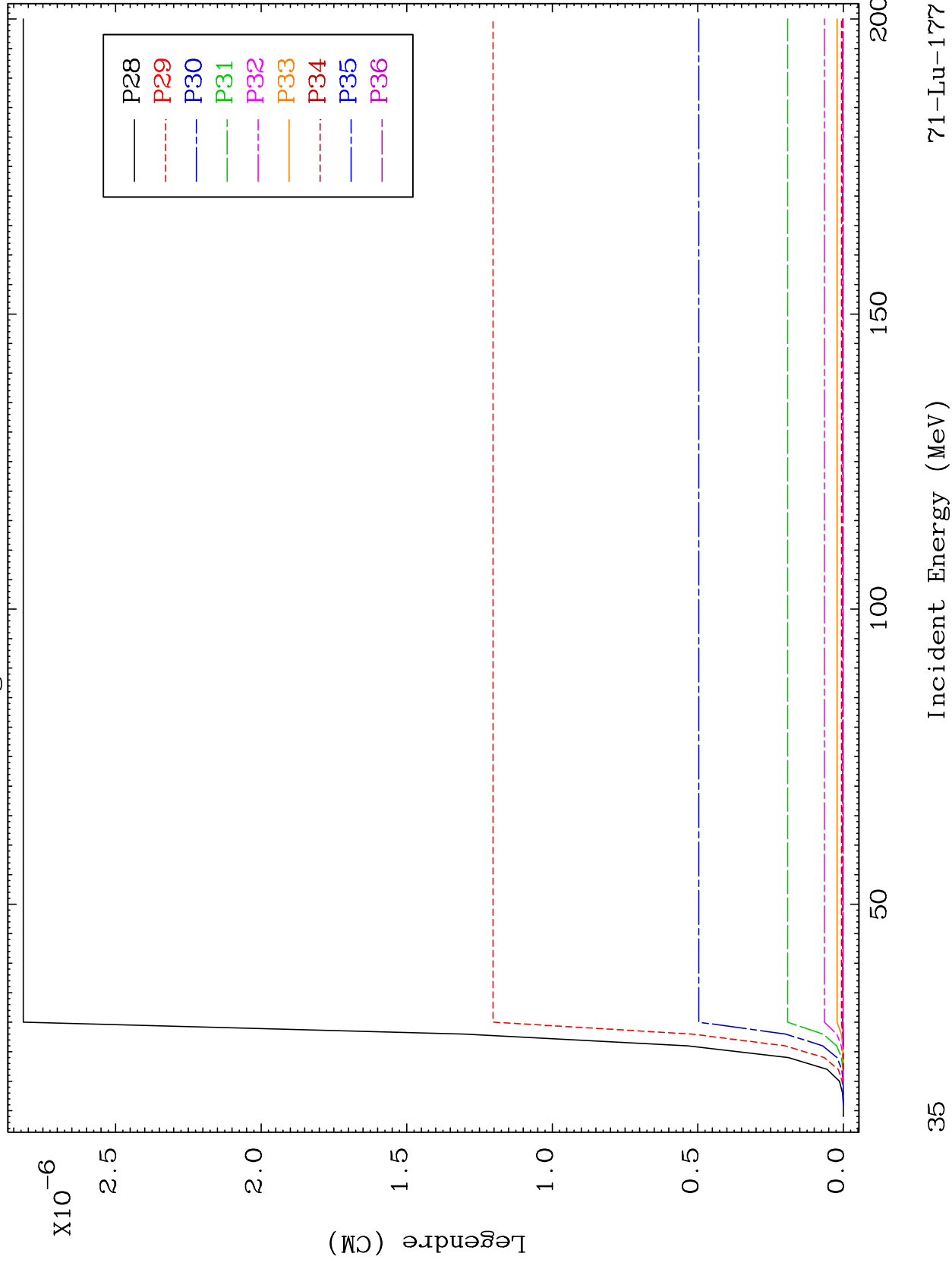
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71-Lu-177

MAT 7131

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

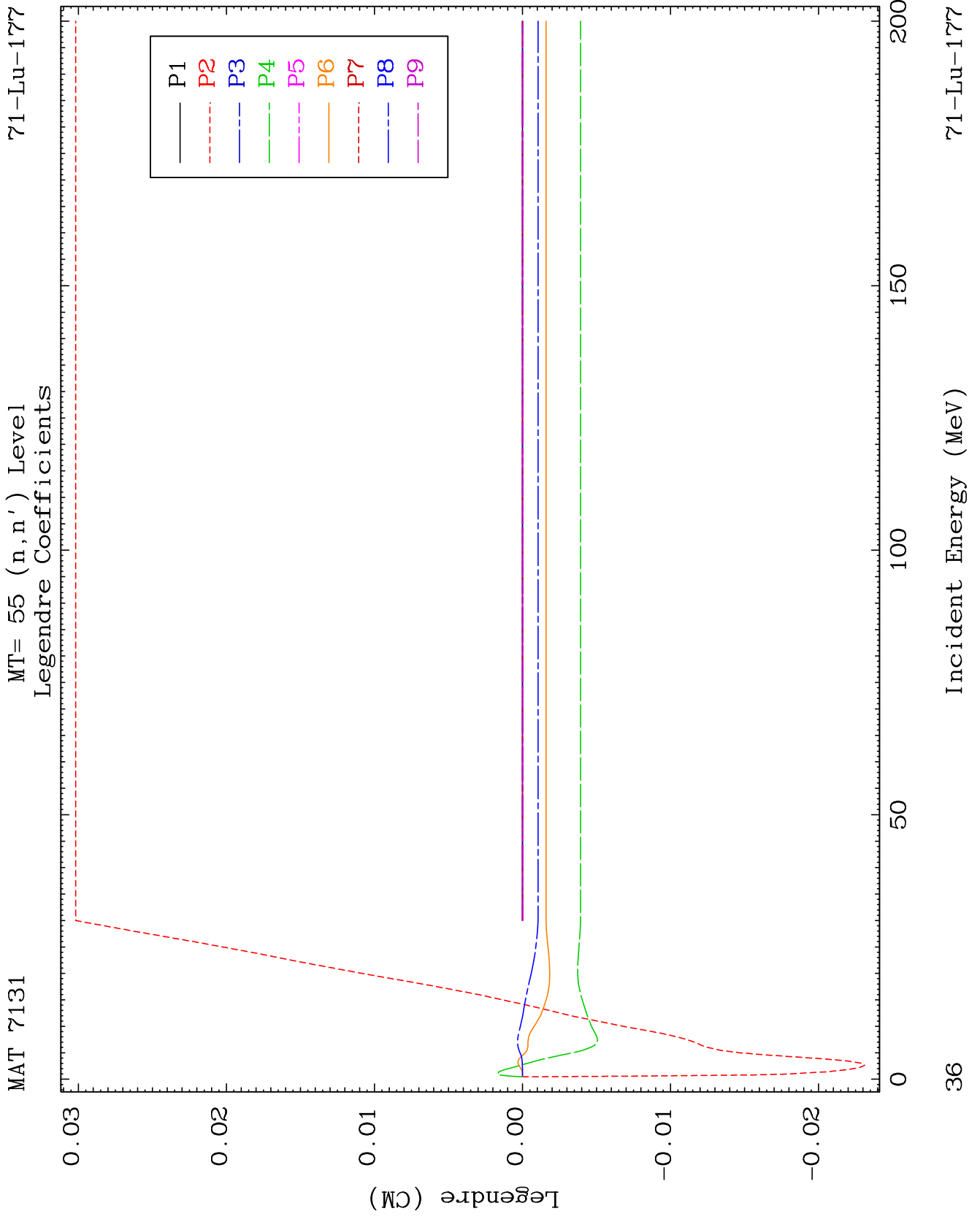
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35

Incident Energy (MeV)

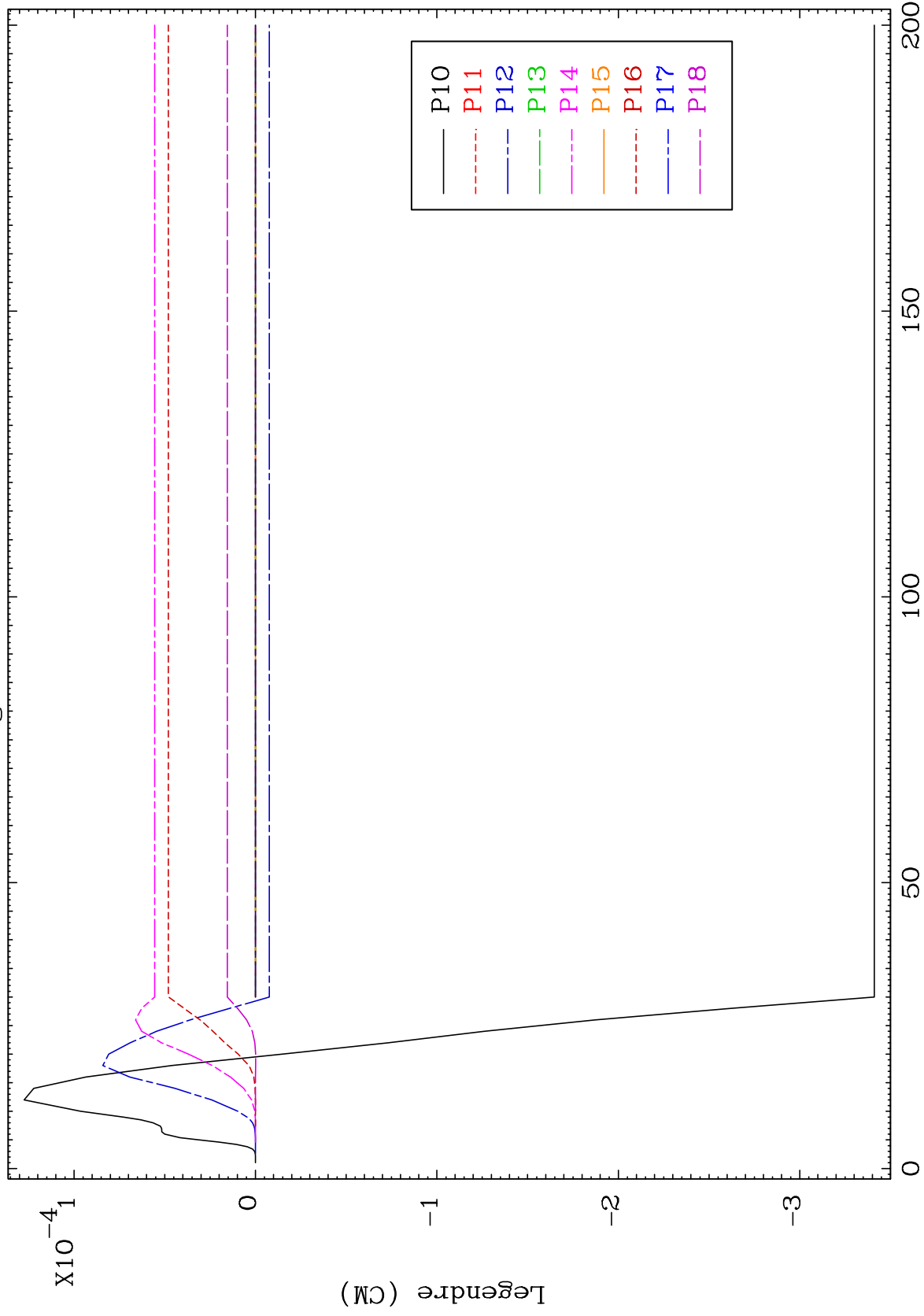
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MAT 7131

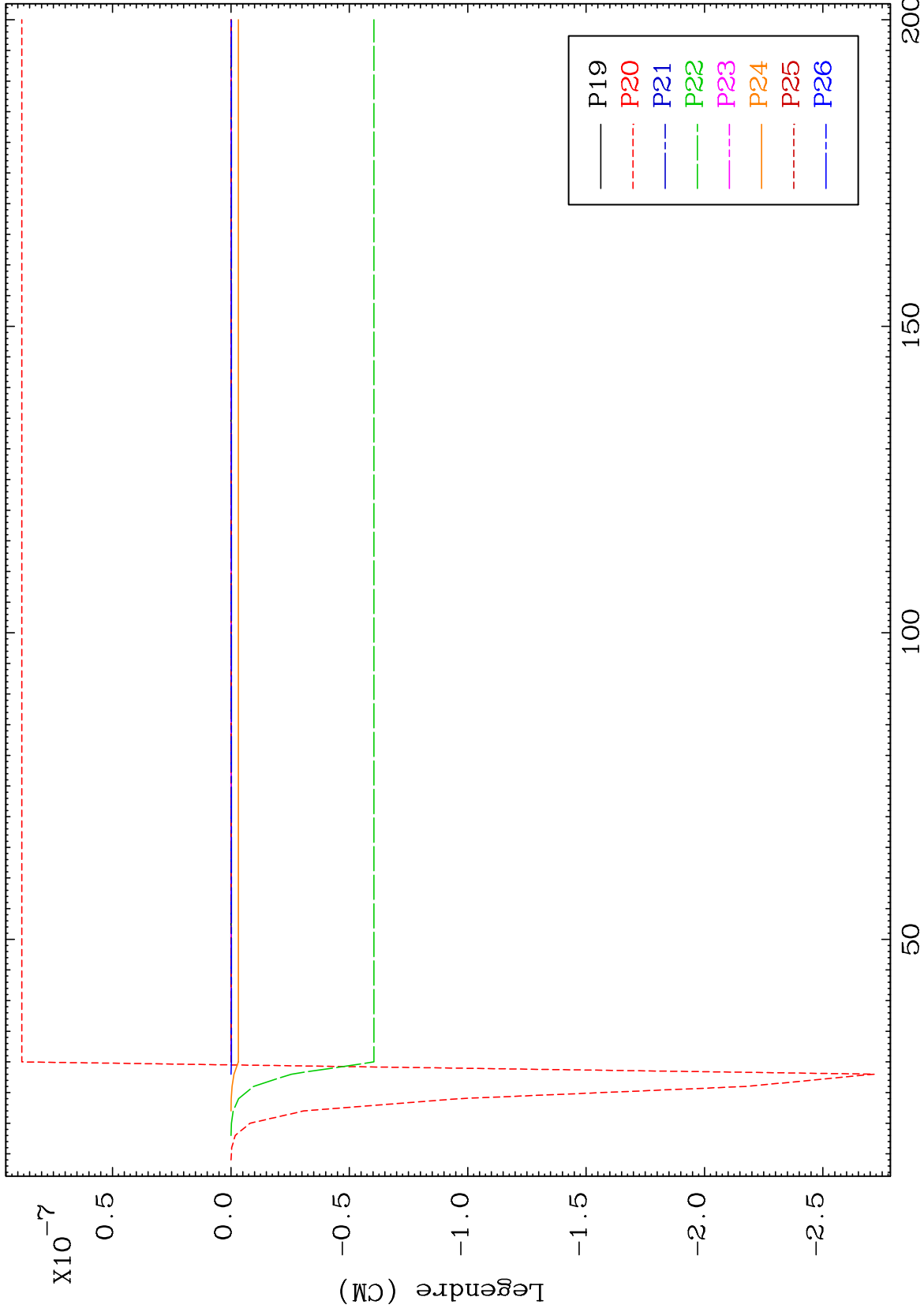
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Legendre Coefficients

71-Lu-177



37

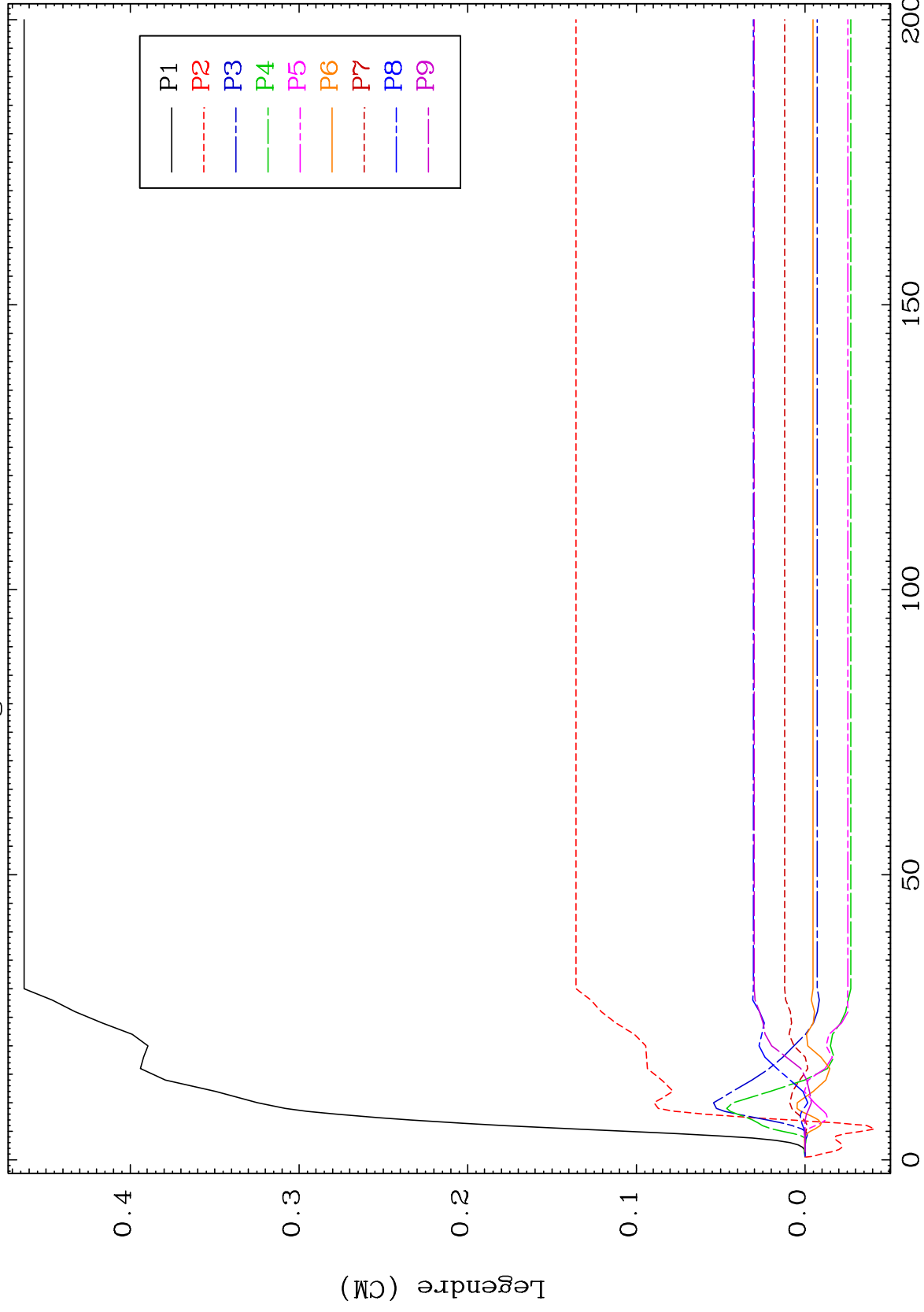
71-Lu-177



MAT 7131

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

71-Lu-177



39

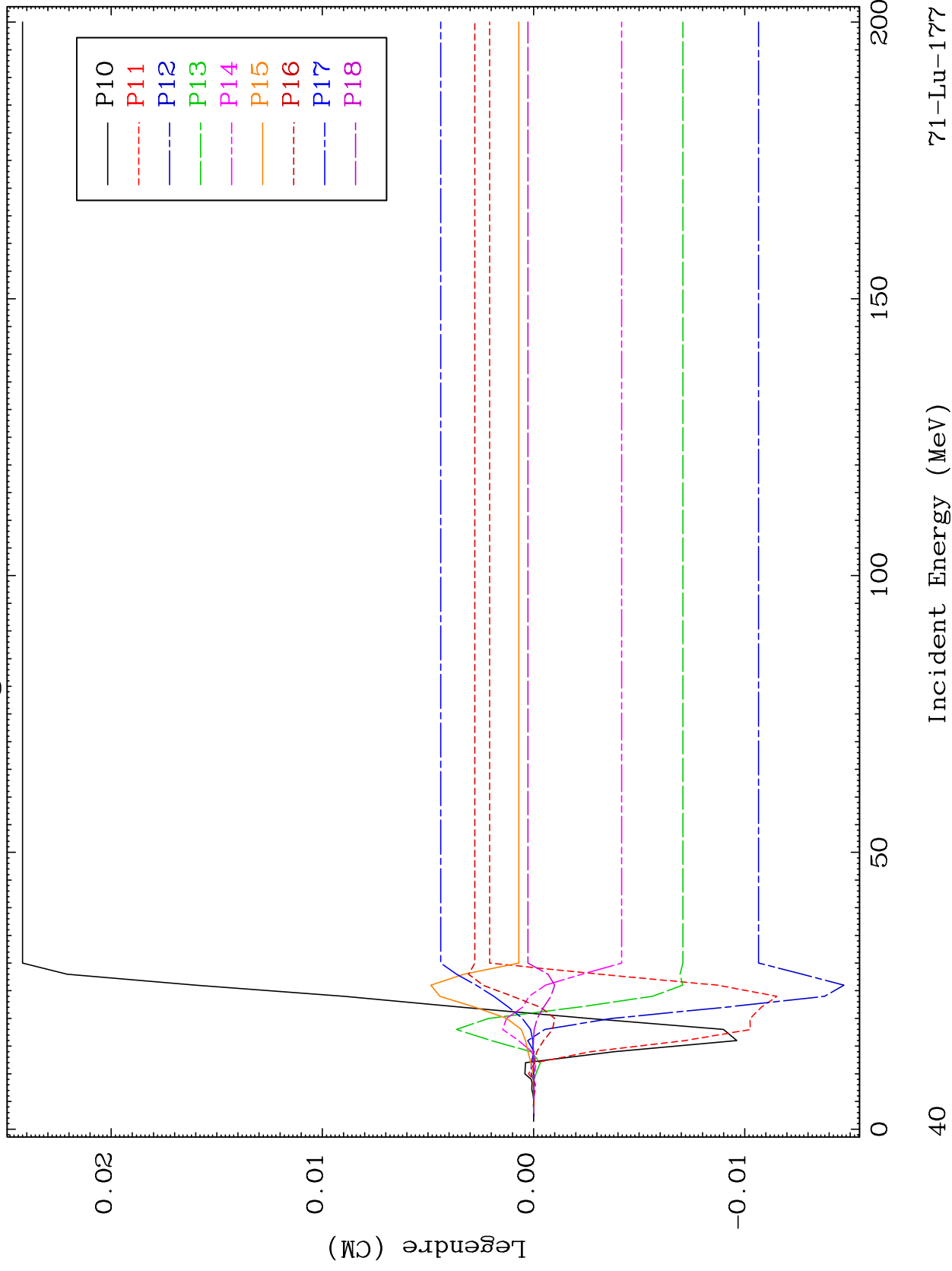
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

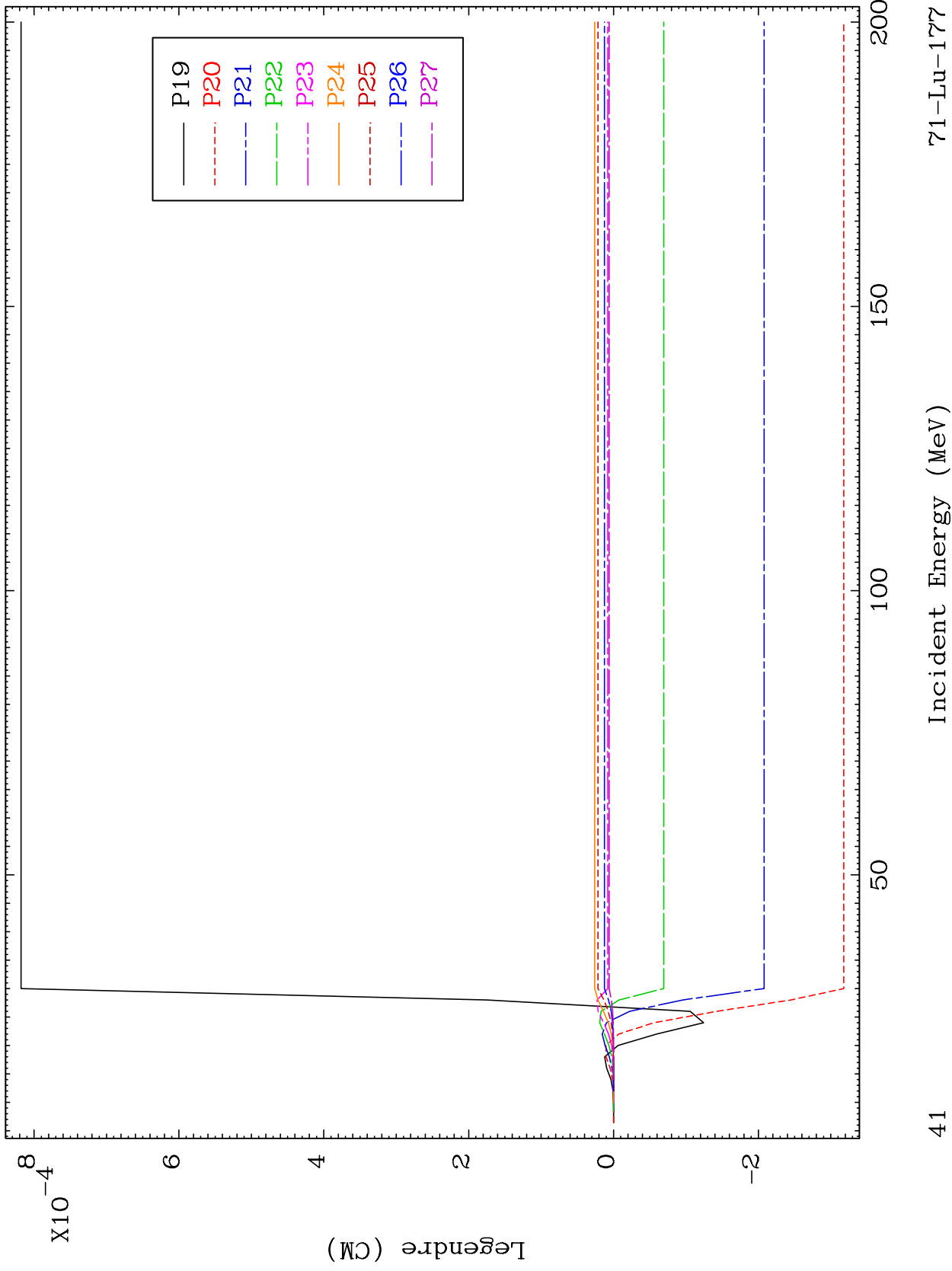
Incident Energy (MeV)

40

MAT 7131

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

71-Lu-177



41

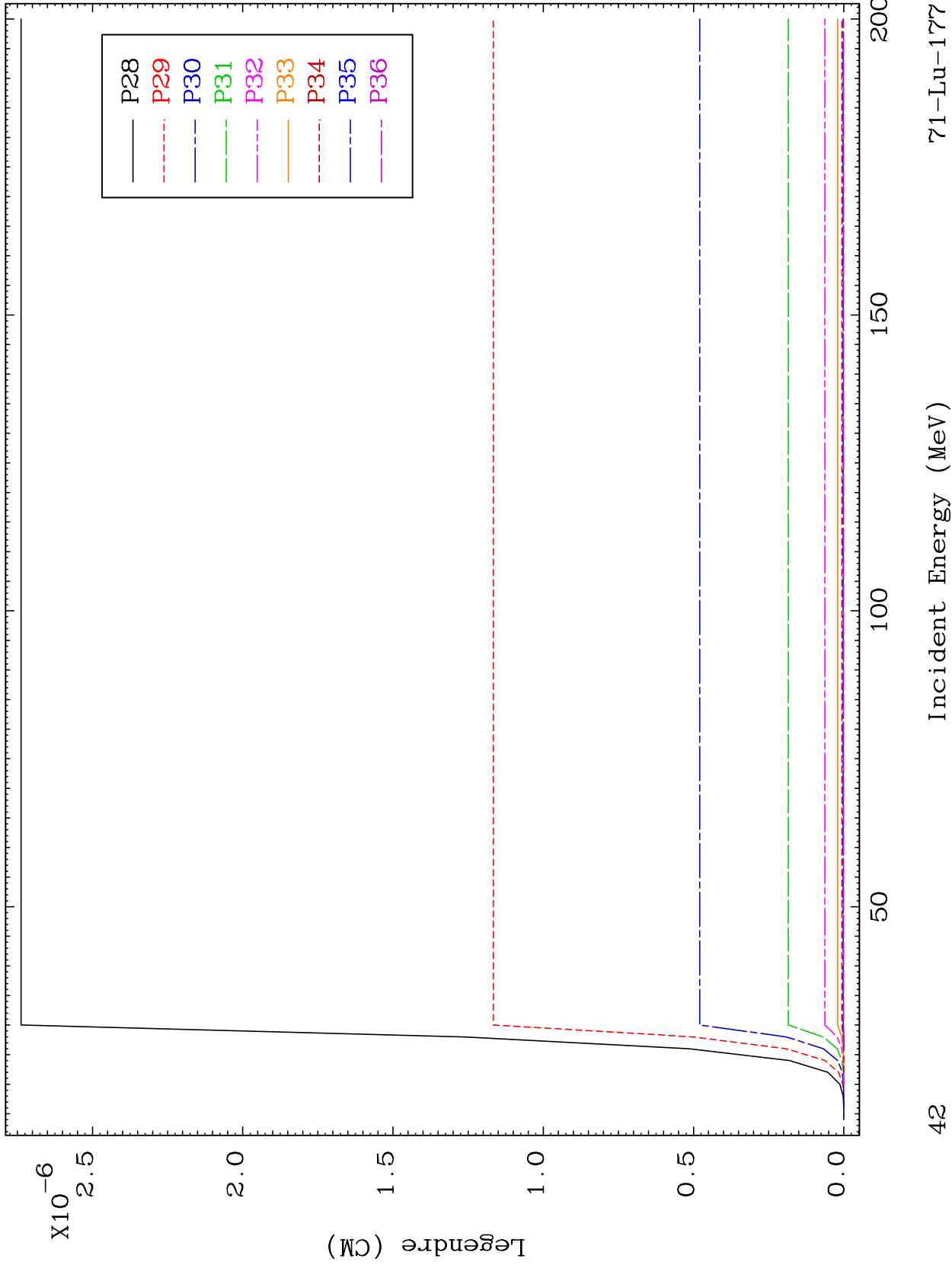
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



42

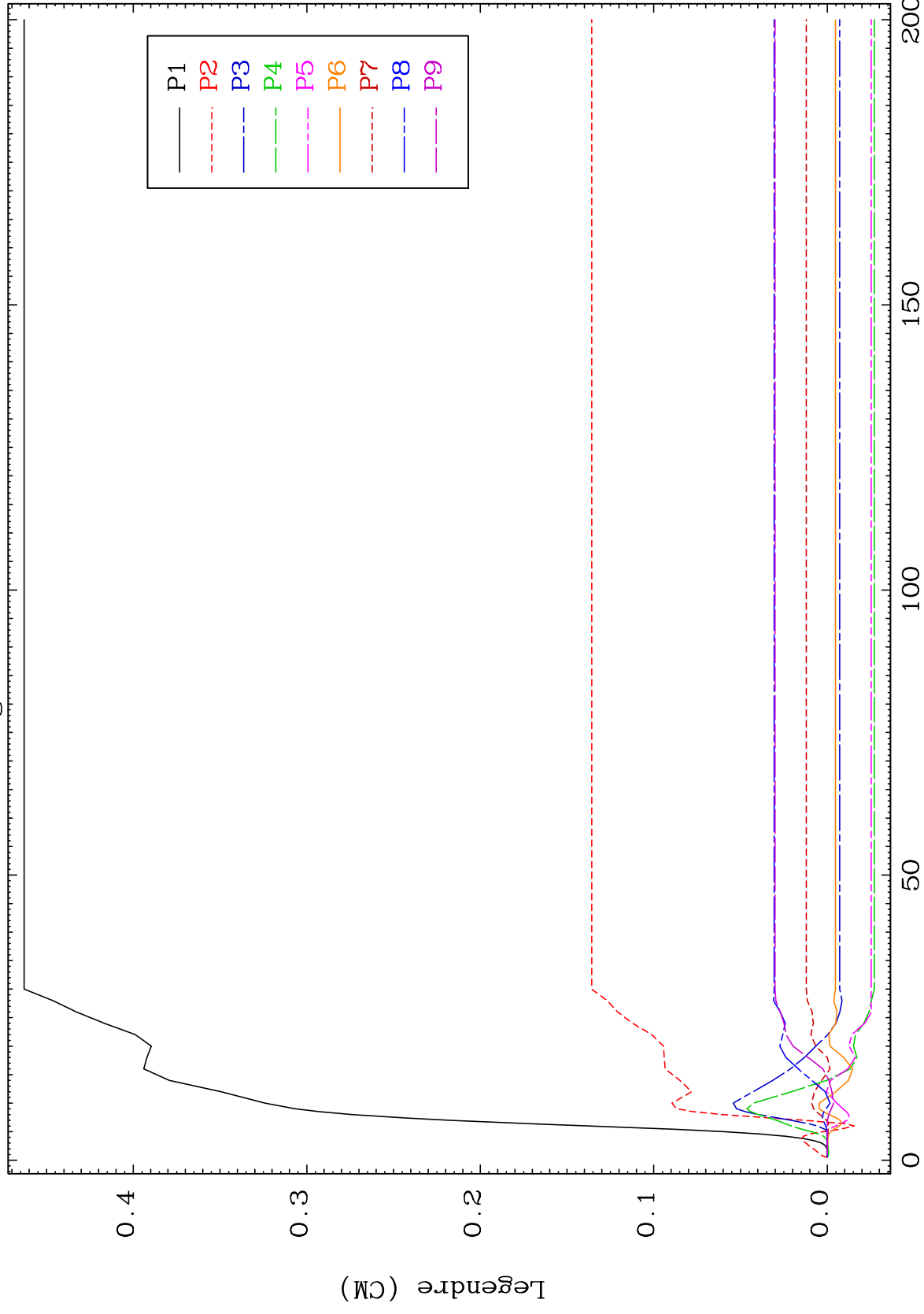
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



43

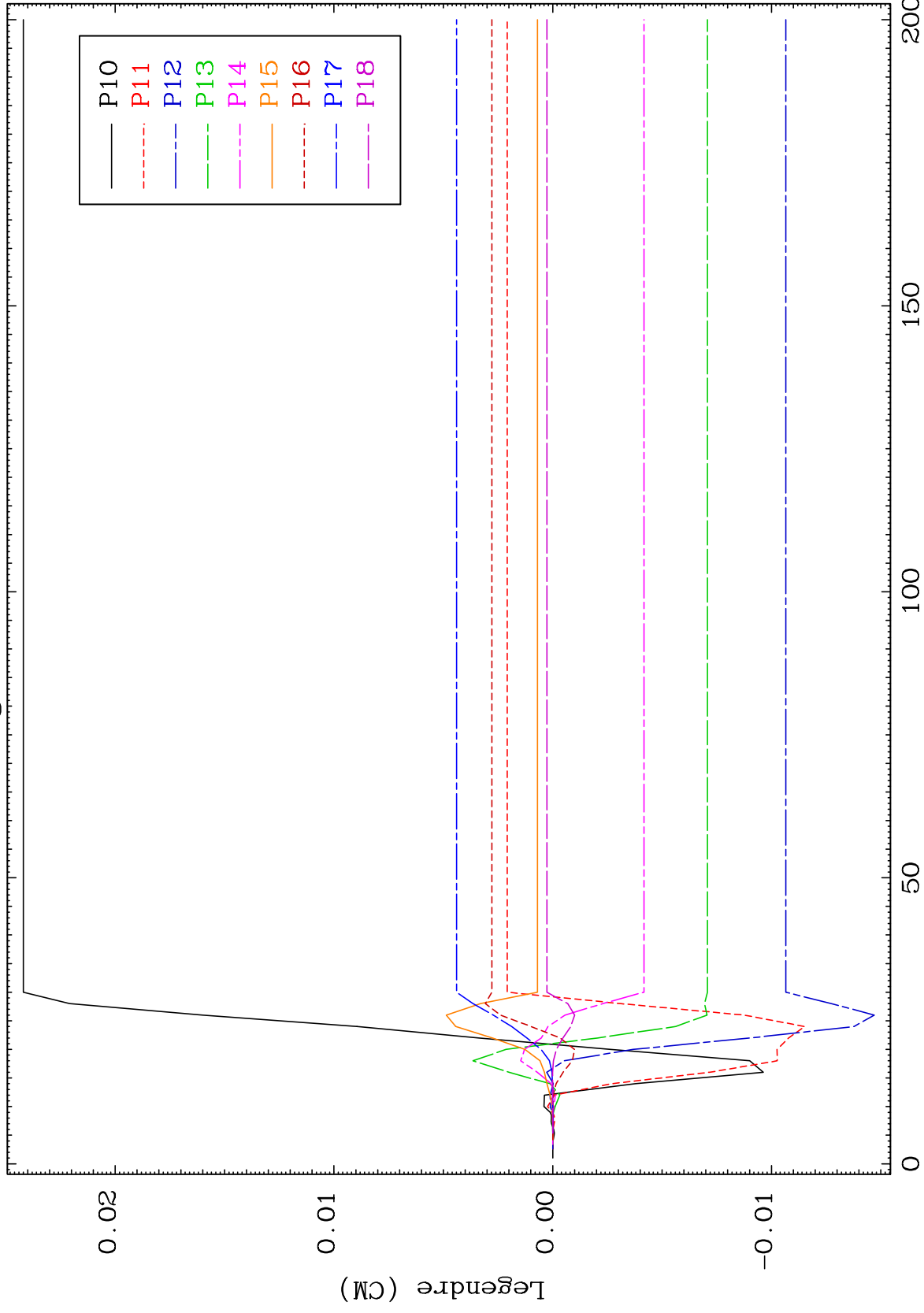
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



44

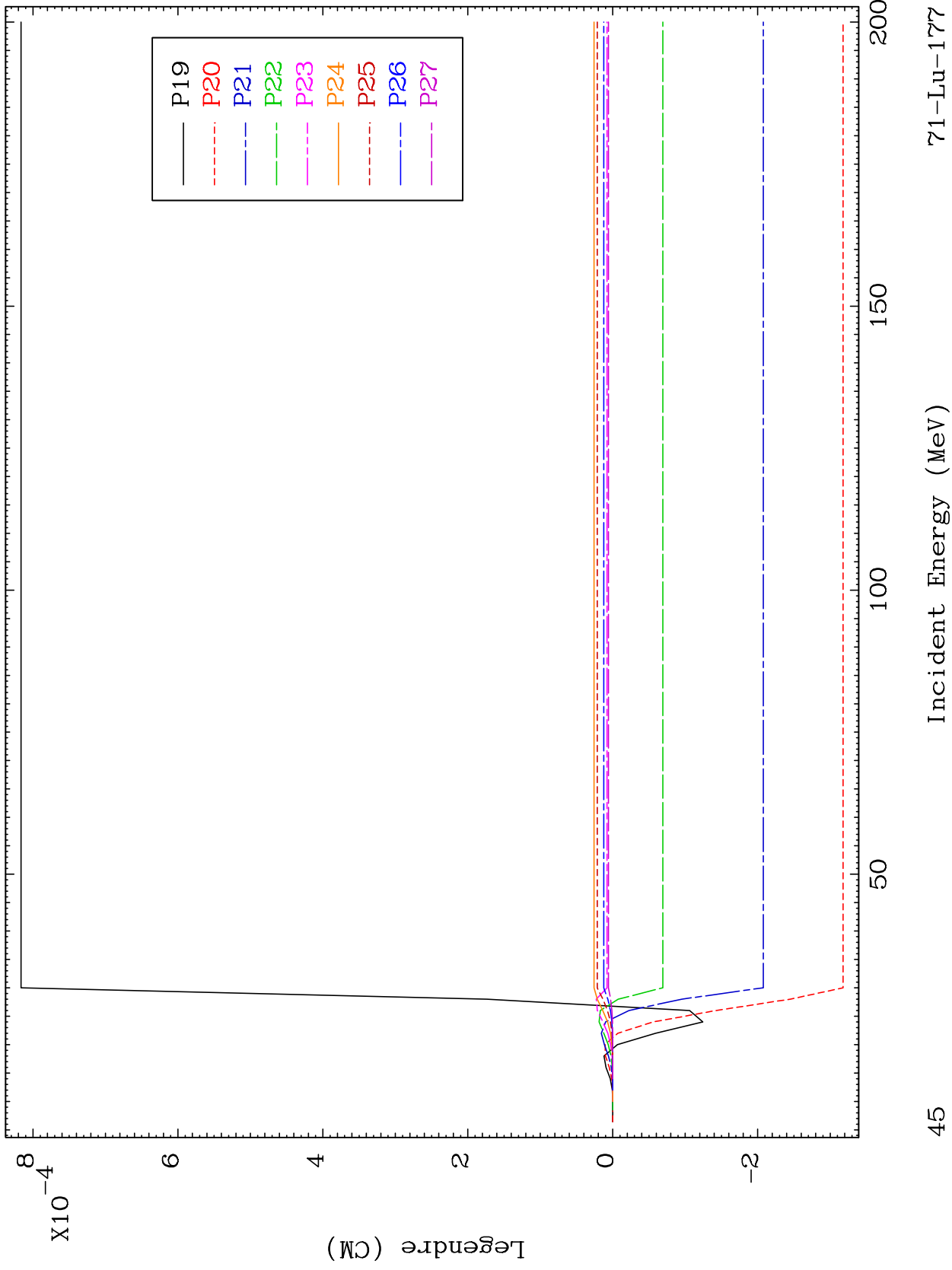
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

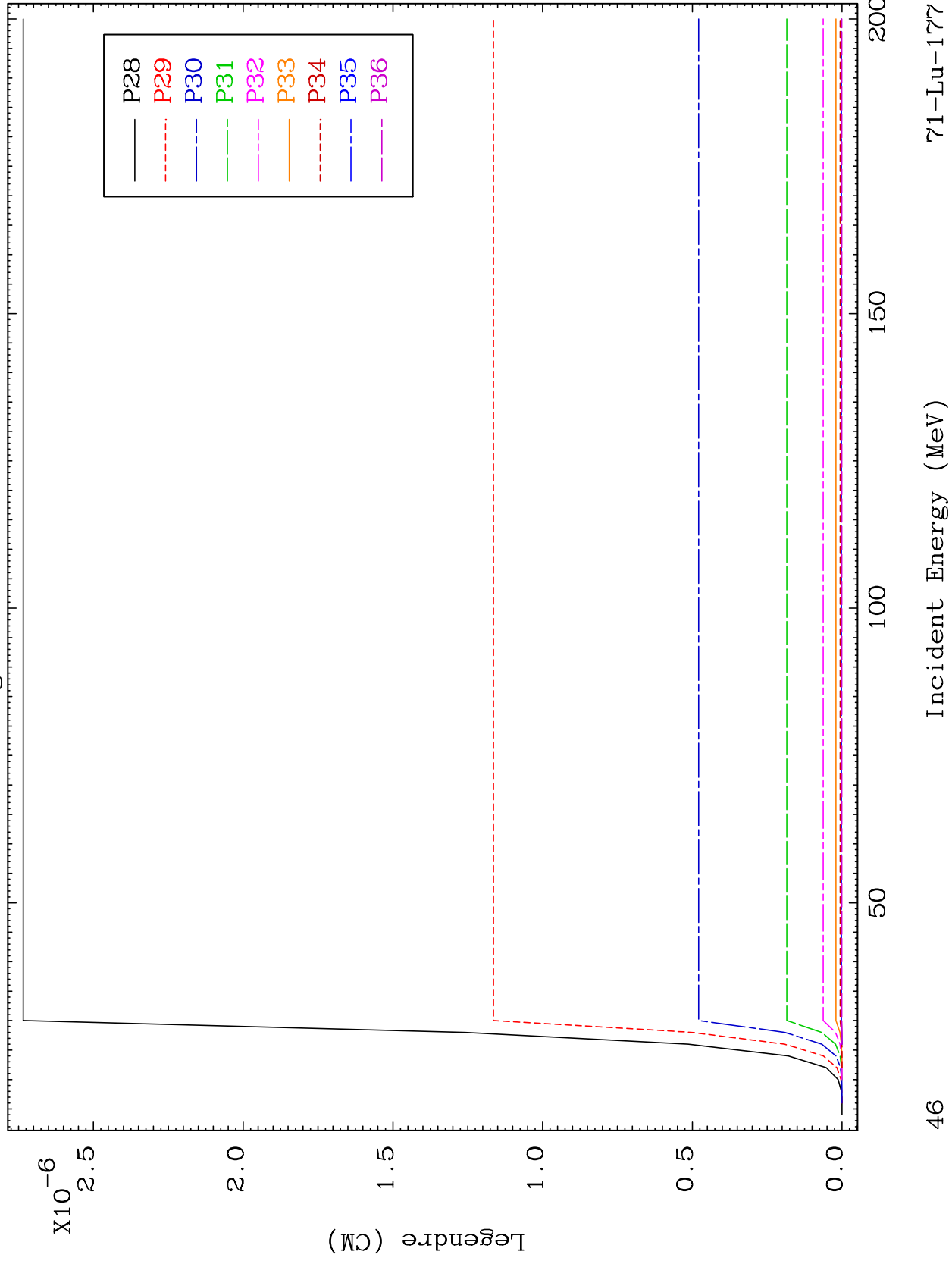
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MAT 7131

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

71-Lu-177



46

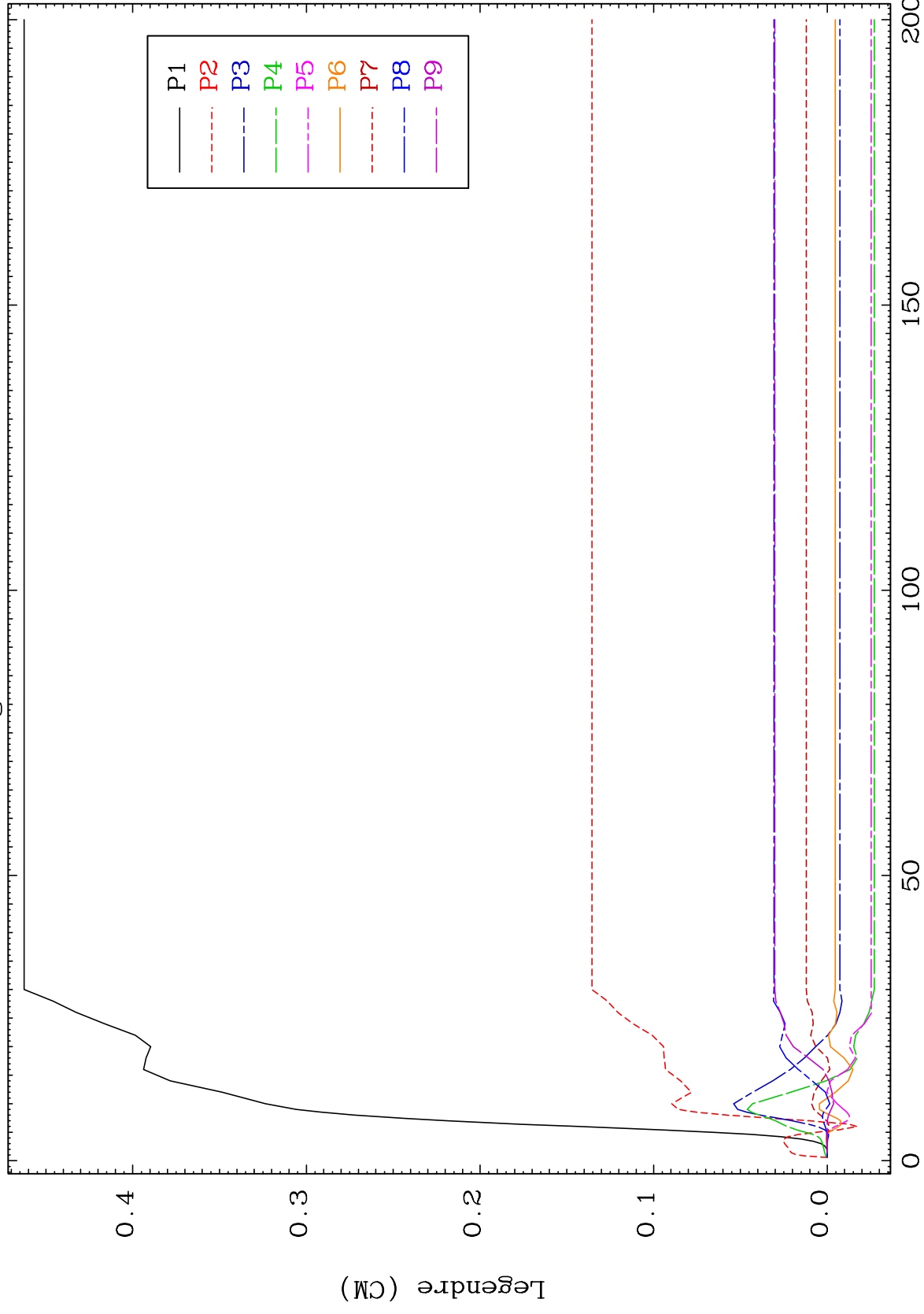
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



47

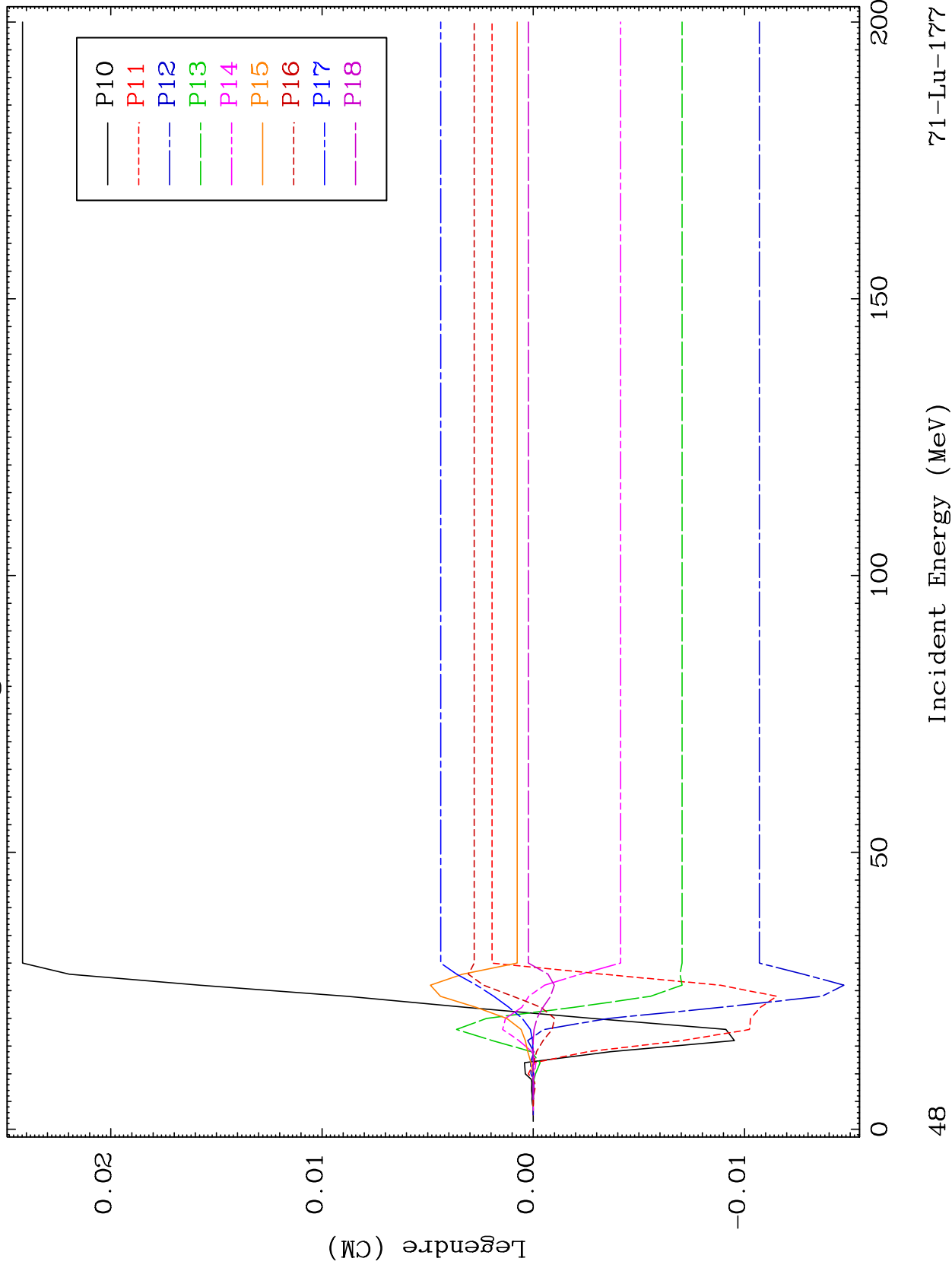
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



71-Lu-177

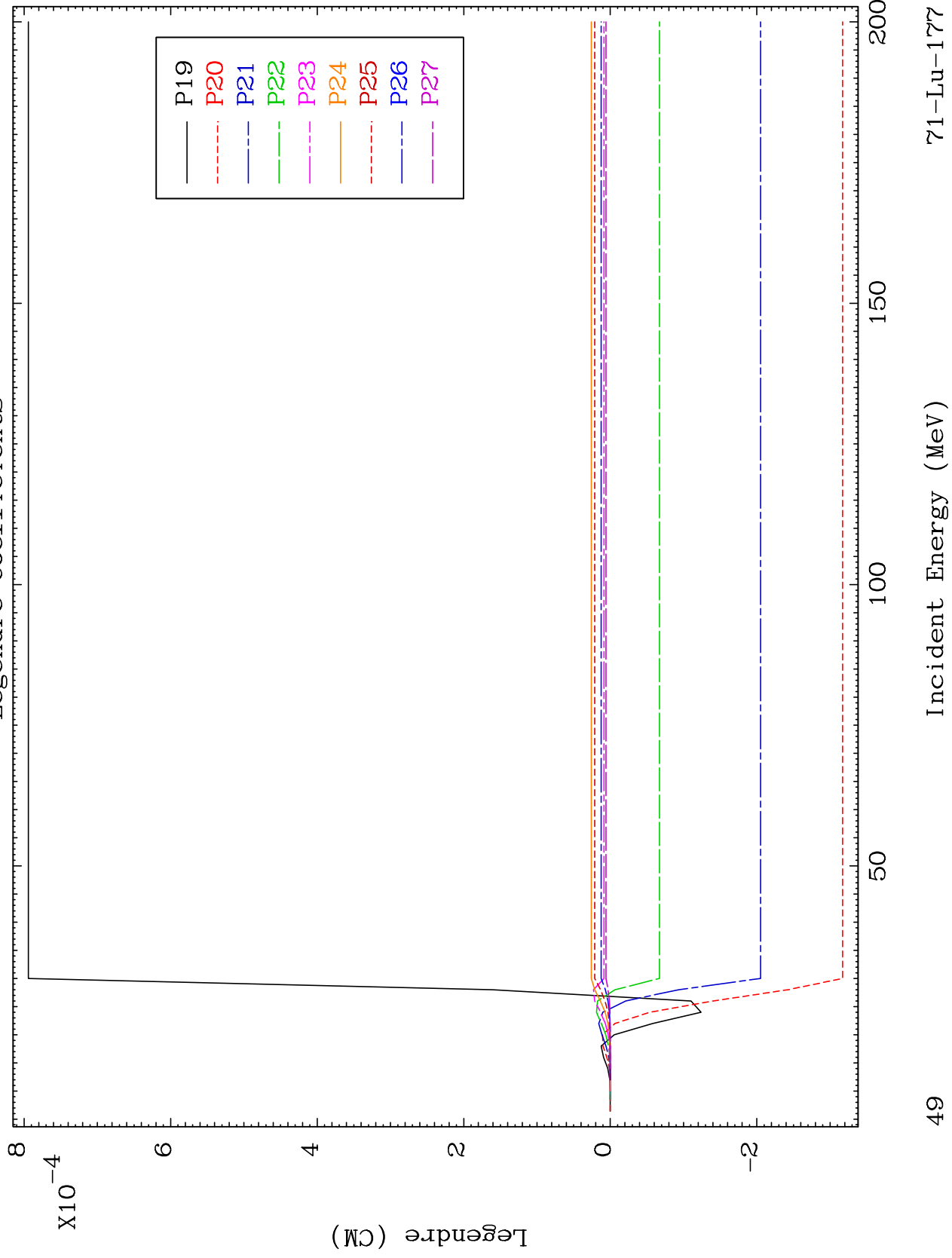
Incident Energy (MeV)

48

MAT 7131

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

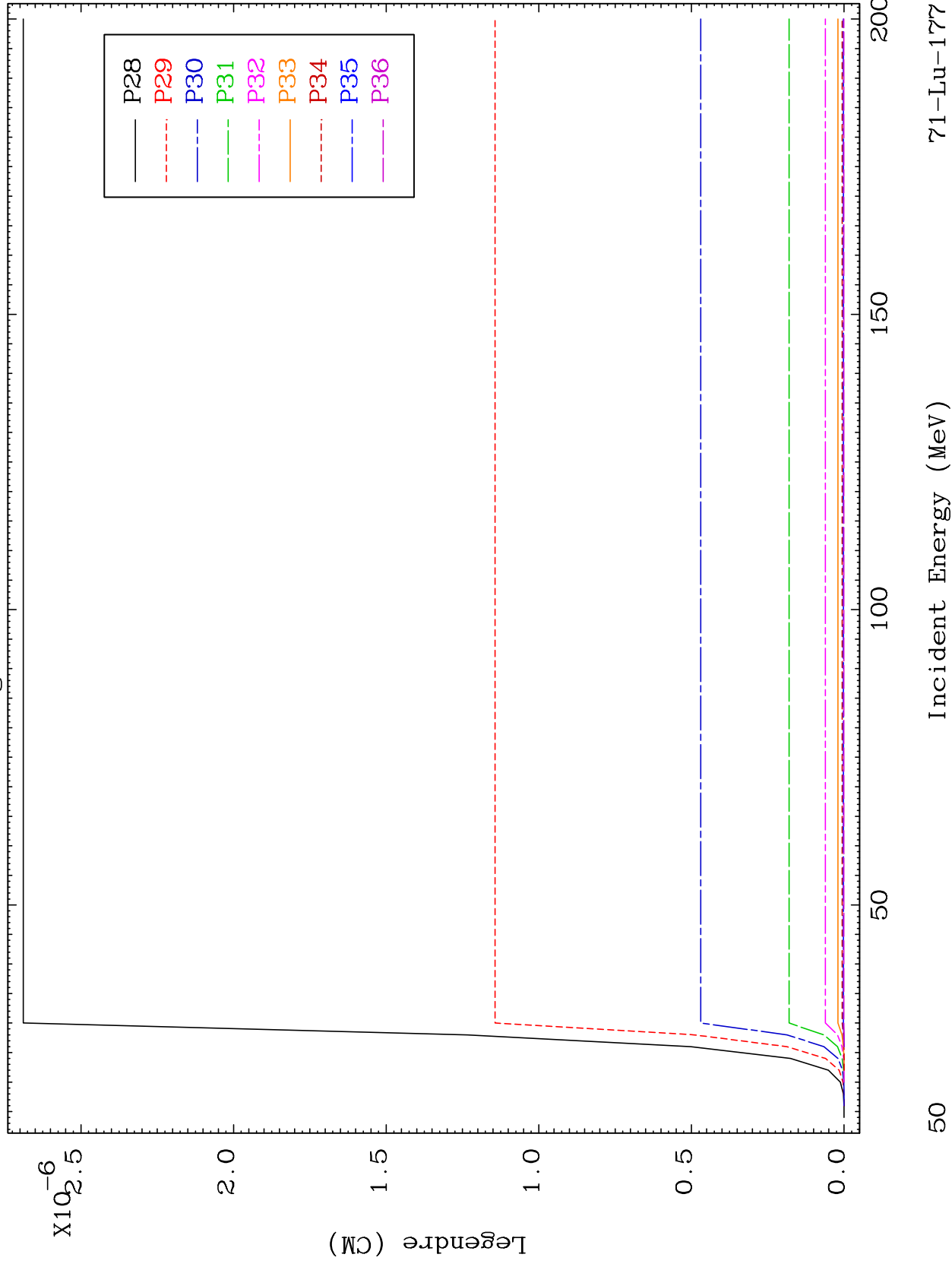
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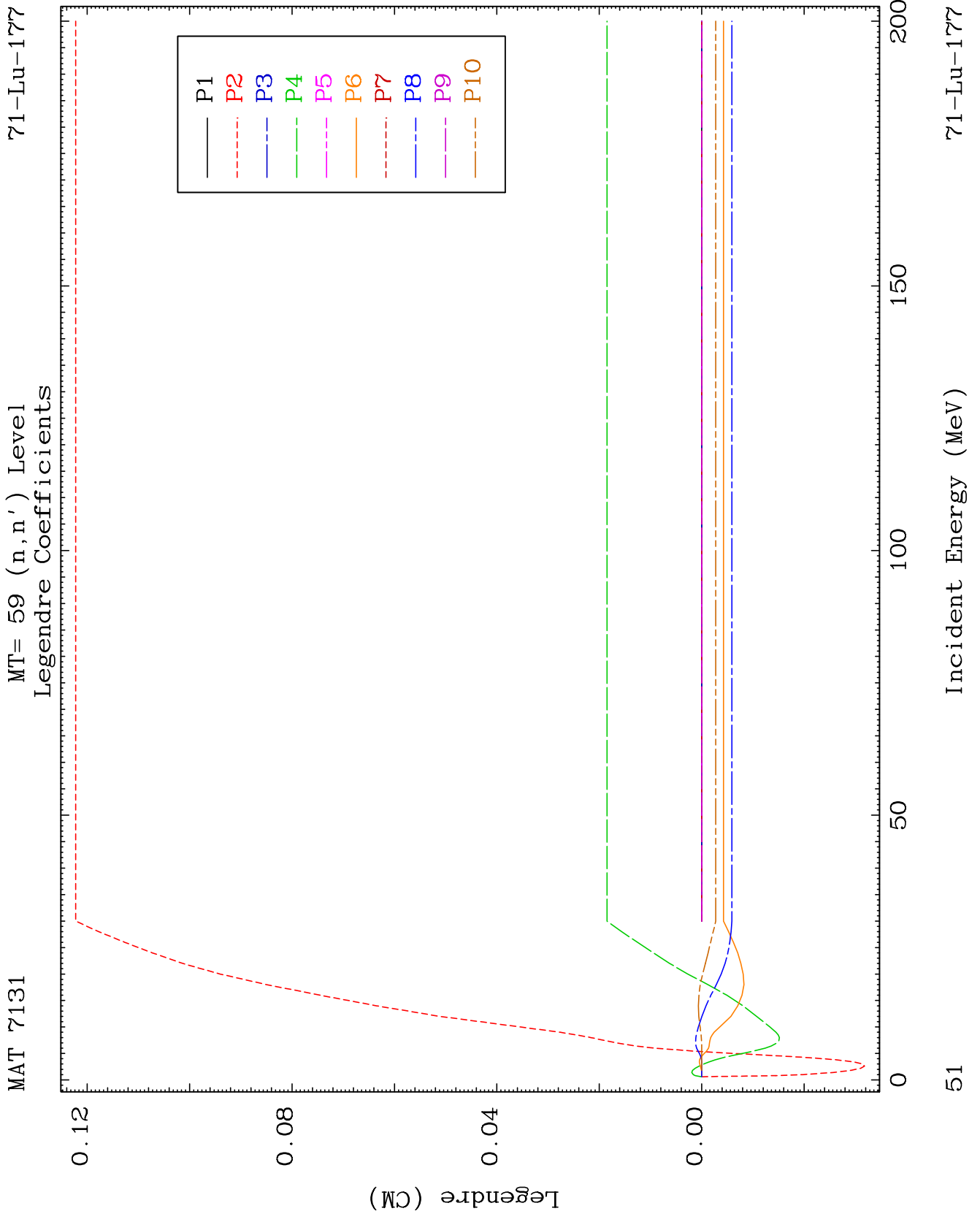


MAT 7131

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

71-Lu-177

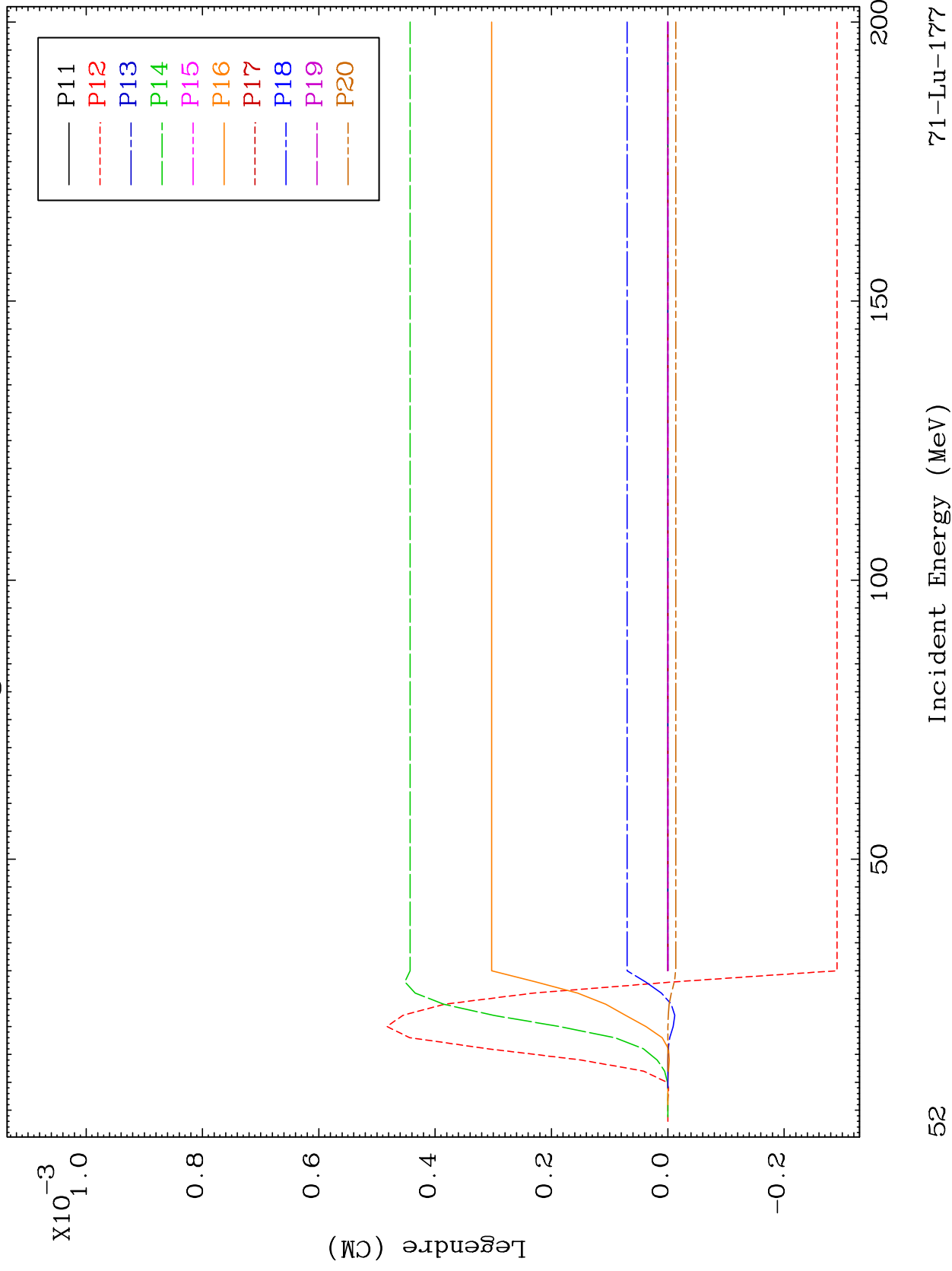




MAT 7131

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

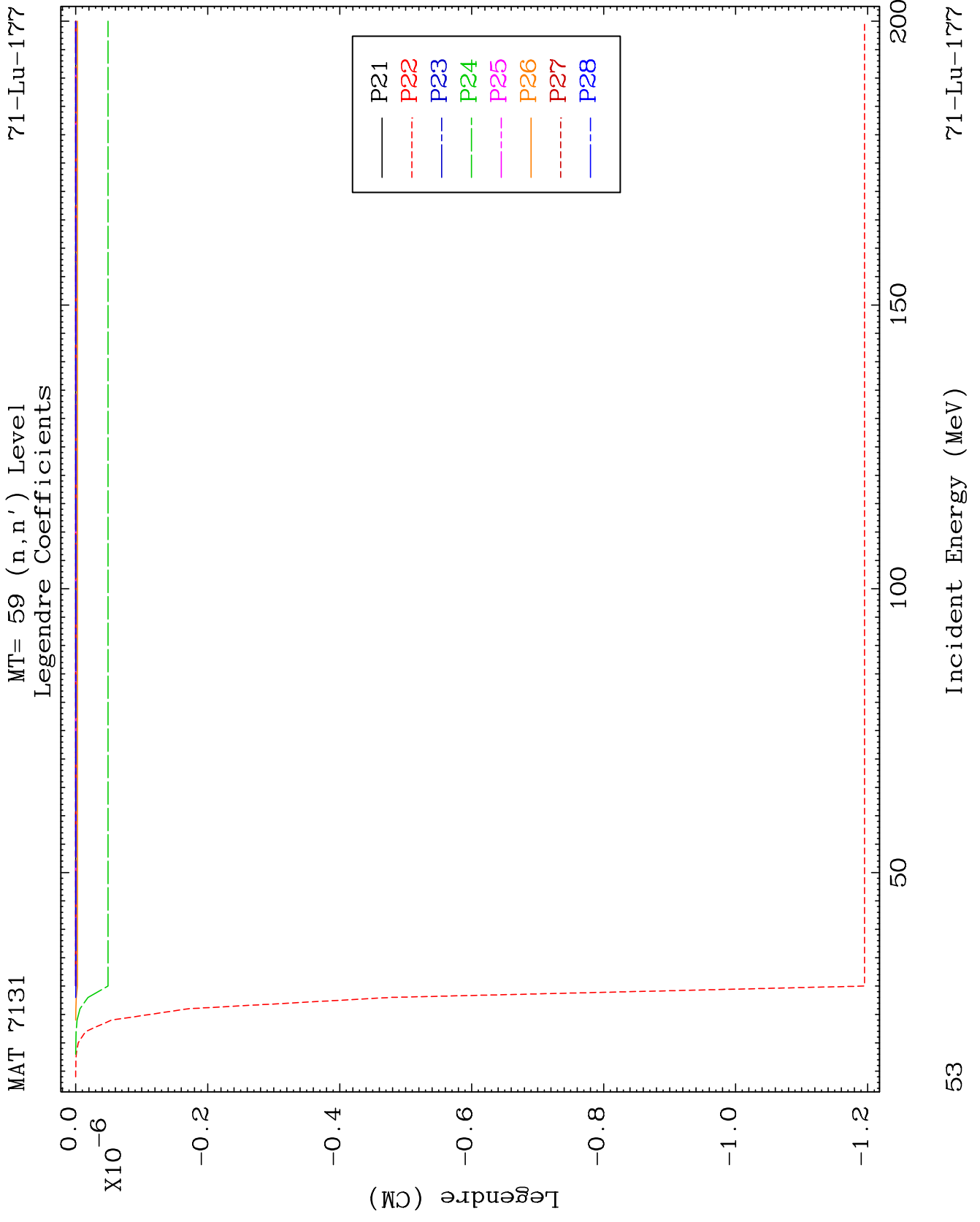
71-Lu-177



52

Incident Energy (MeV)

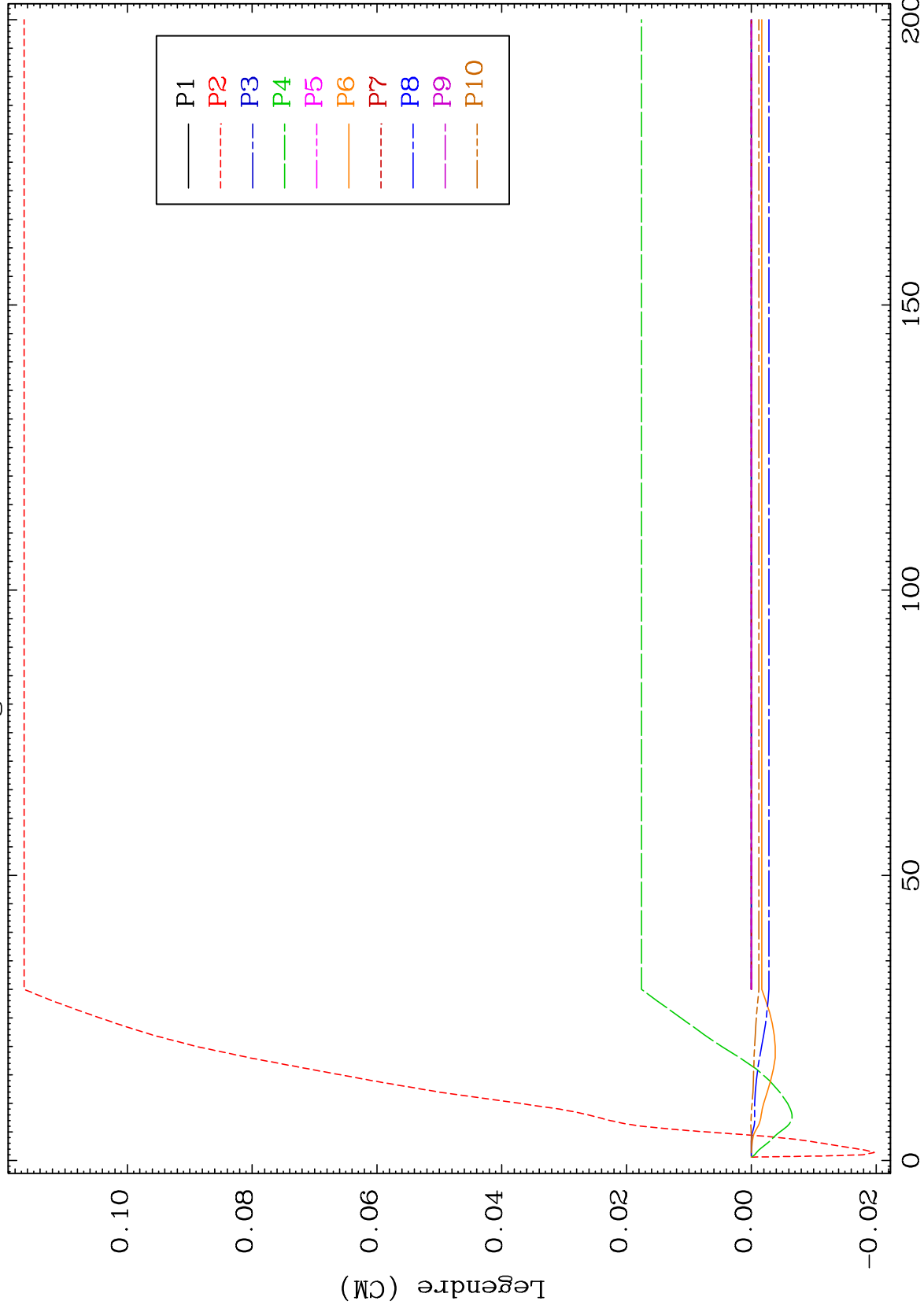
71-Lu-177



MAT 7131

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

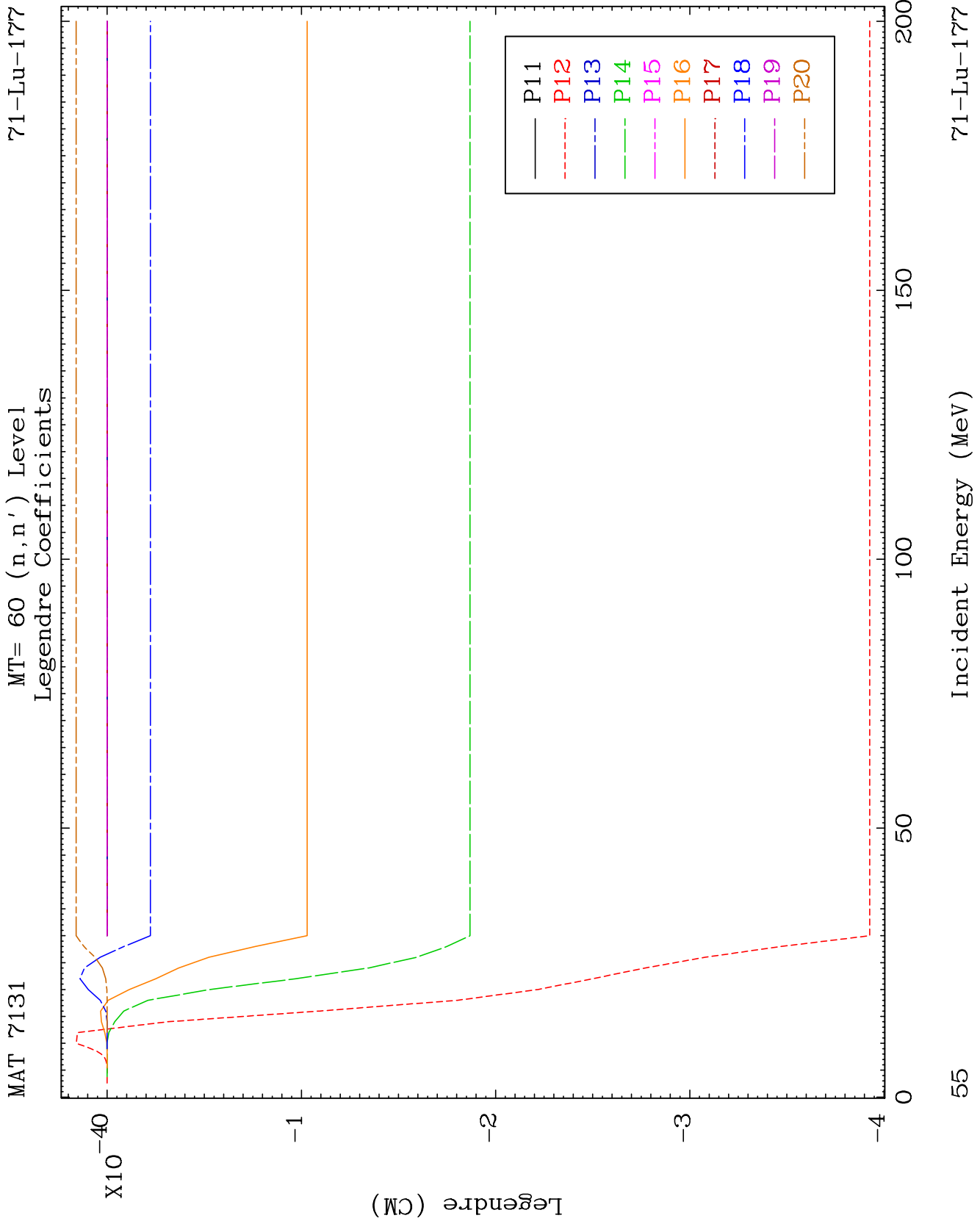
71-Lu-177



71-Lu-177

Incident Energy (MeV)

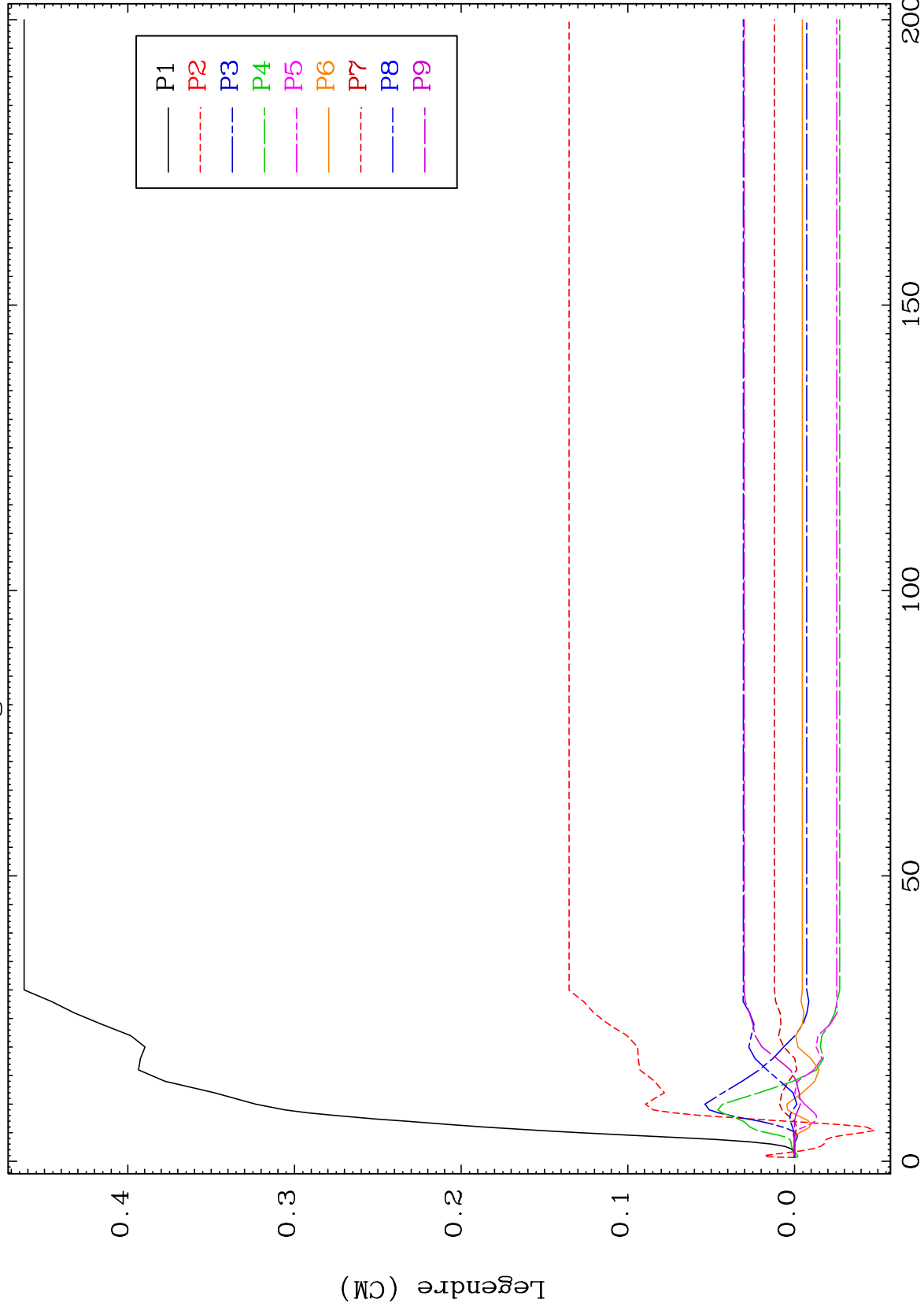
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MAT 7131

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

71-Lu-177



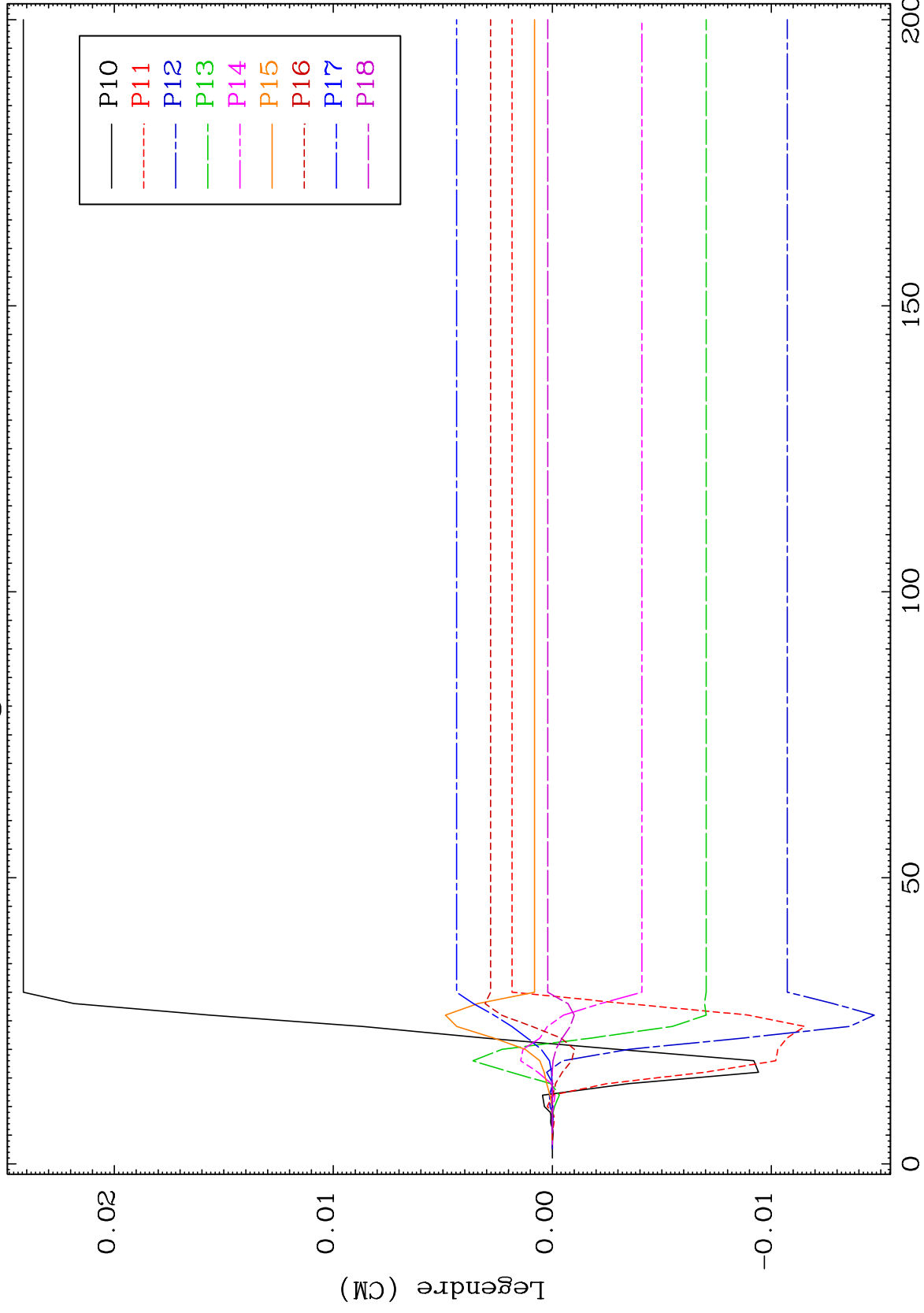
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71-Lu-177

MAT 7131

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

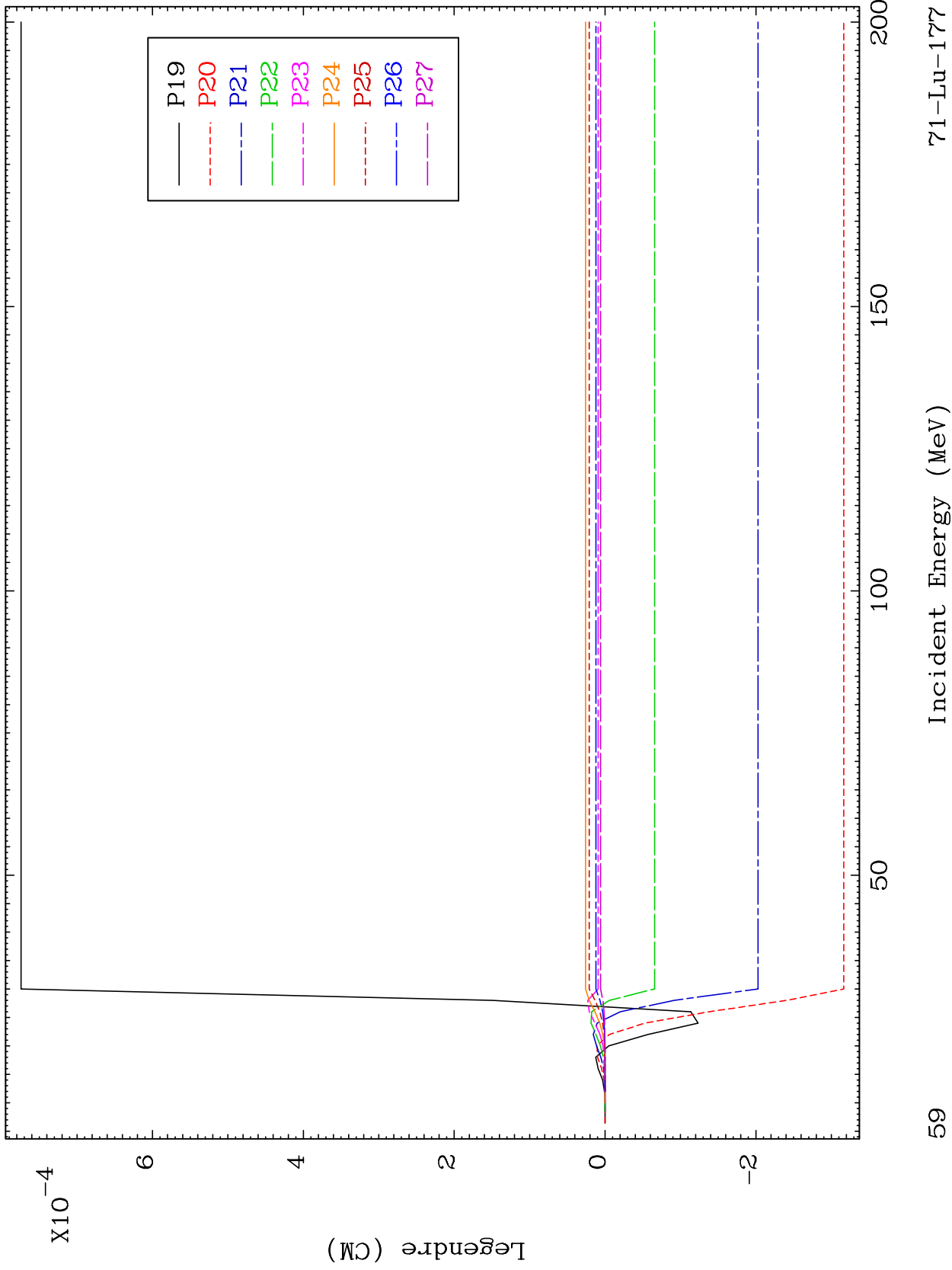
71-Lu-177



58

Incident Energy (MeV)

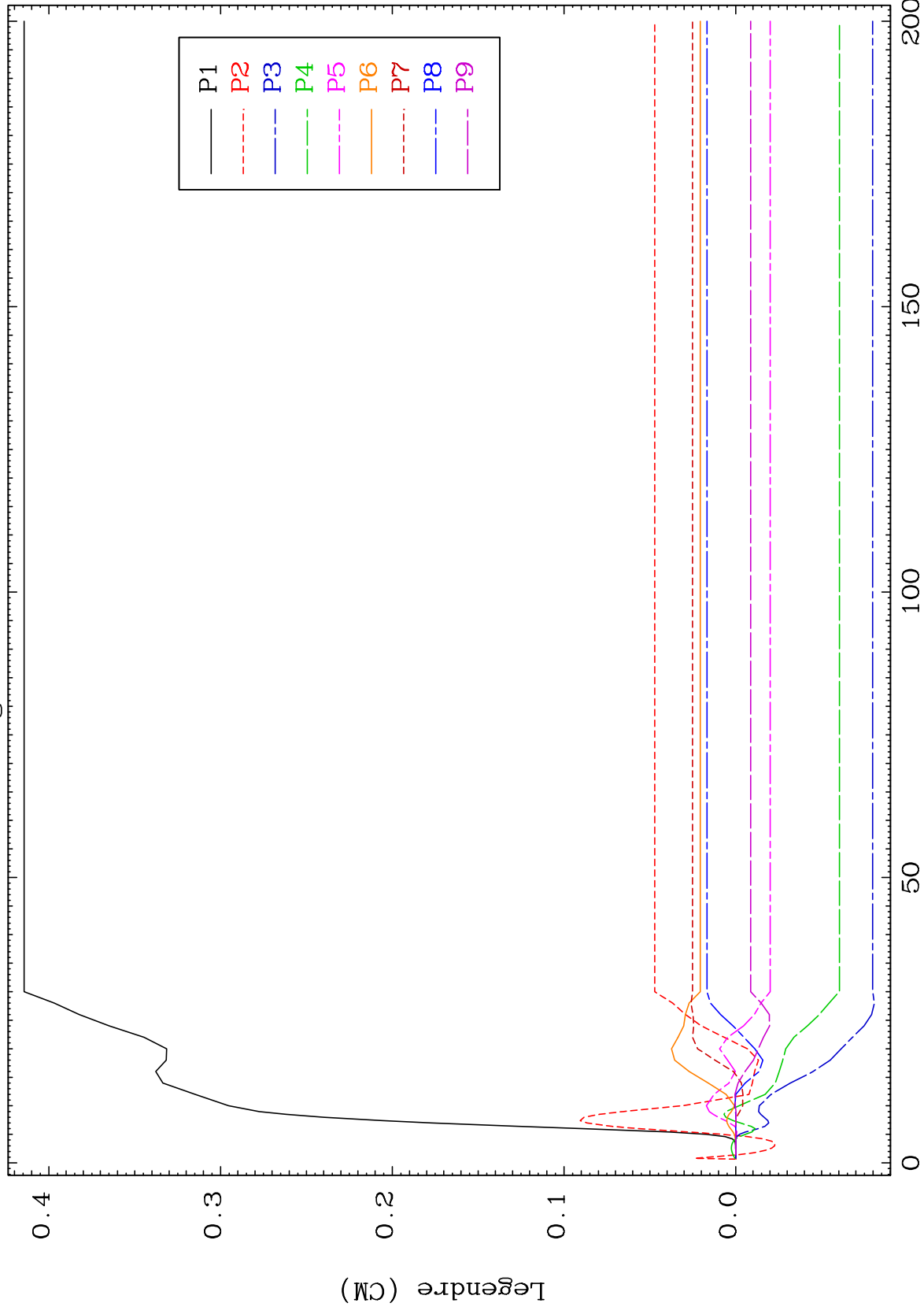
71-Lu-177



MAT 7131

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

71-Lu-177



61

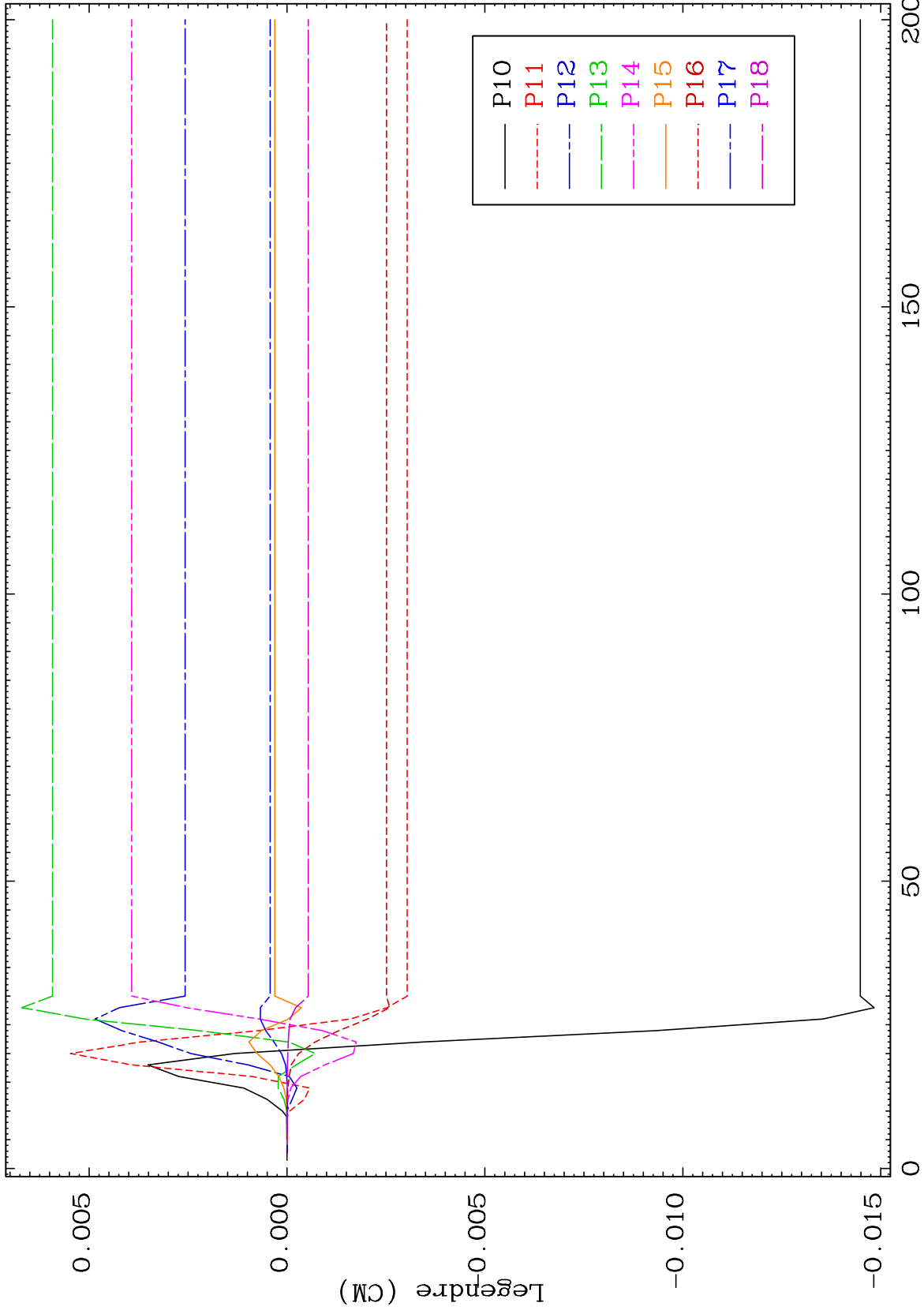
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

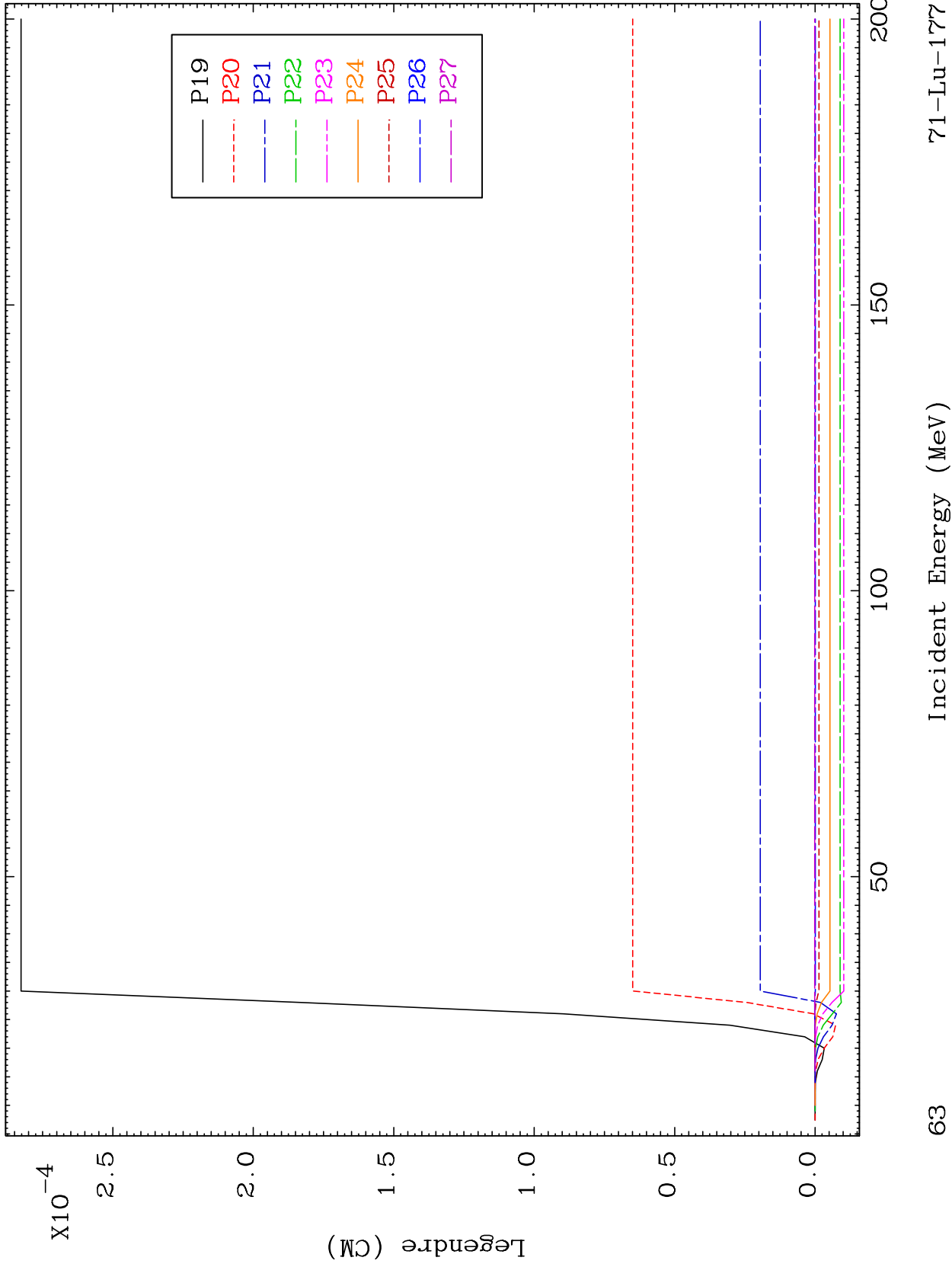
71-Lu-177



62

Incident Energy (MeV)

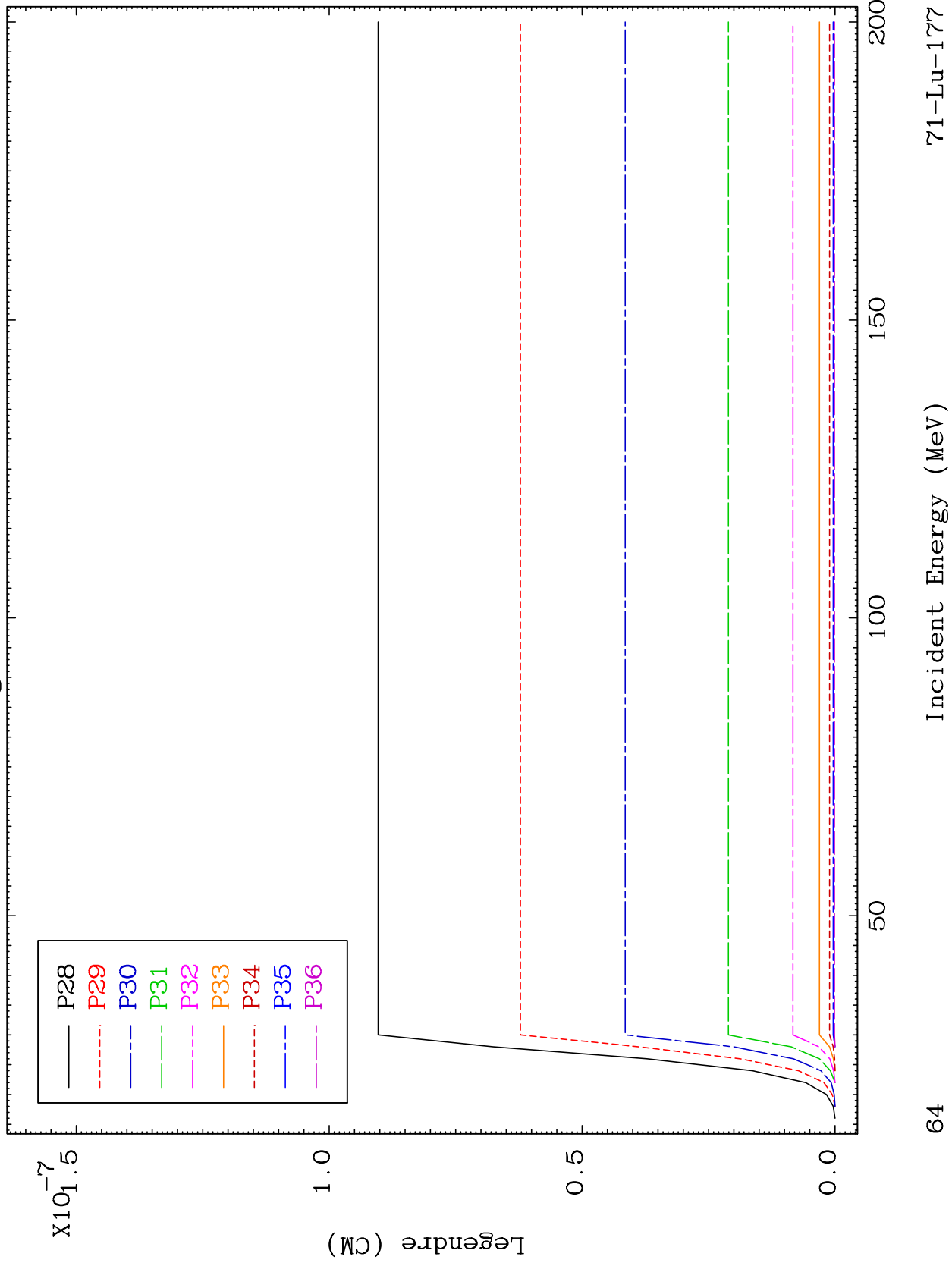
71-Lu-177



MAT 7131

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

71-Lu-177



64

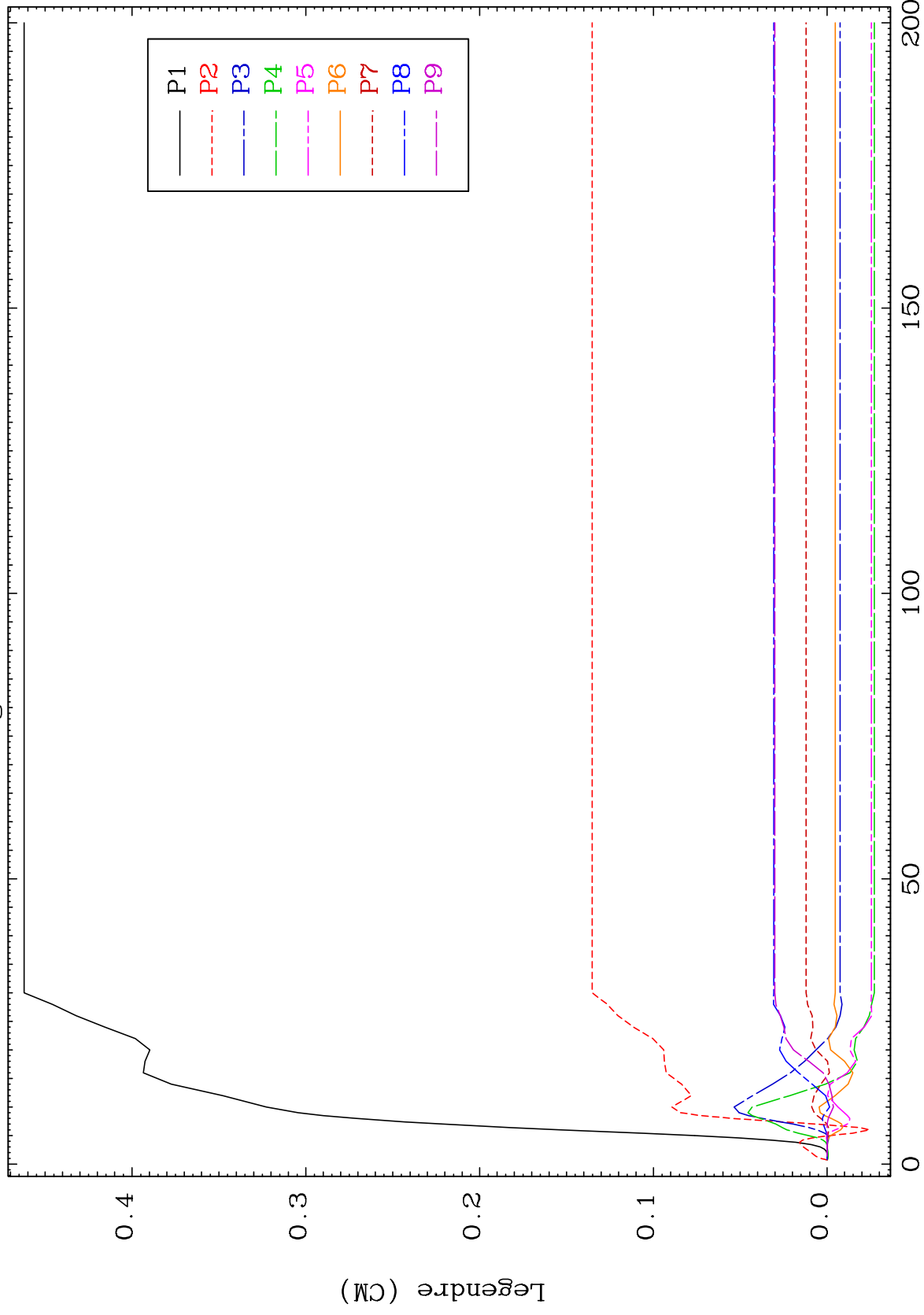
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



65

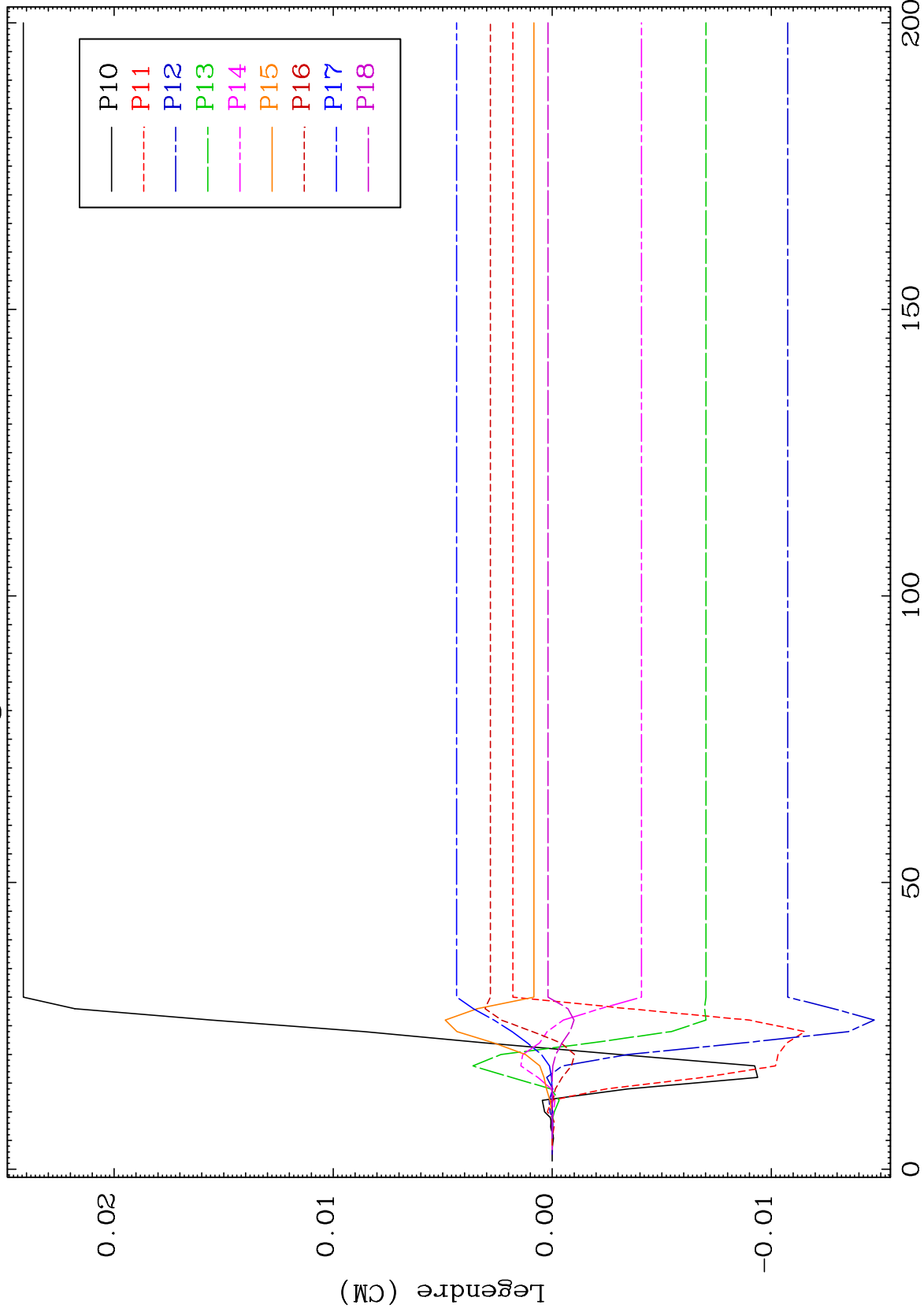
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



66

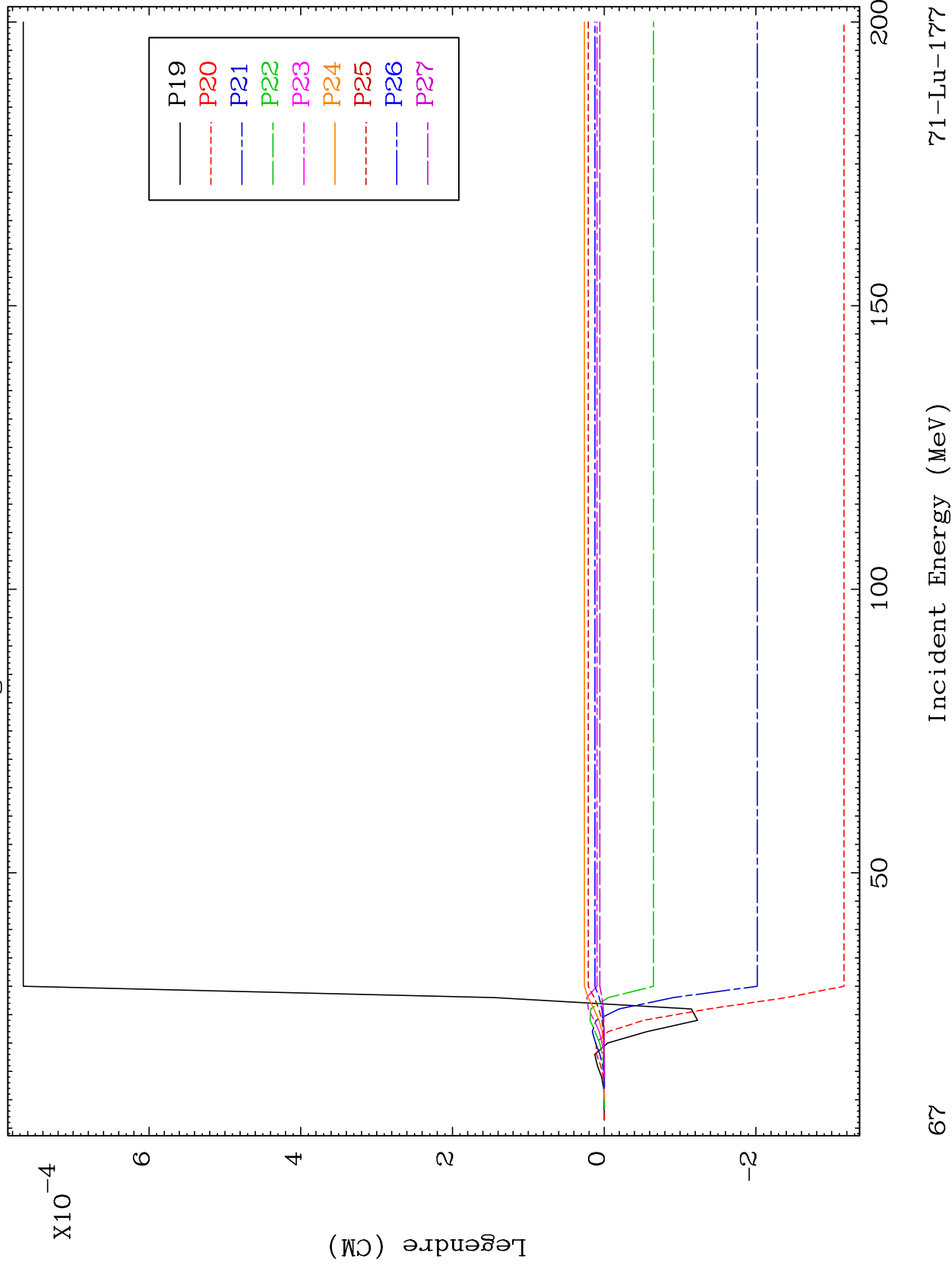
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

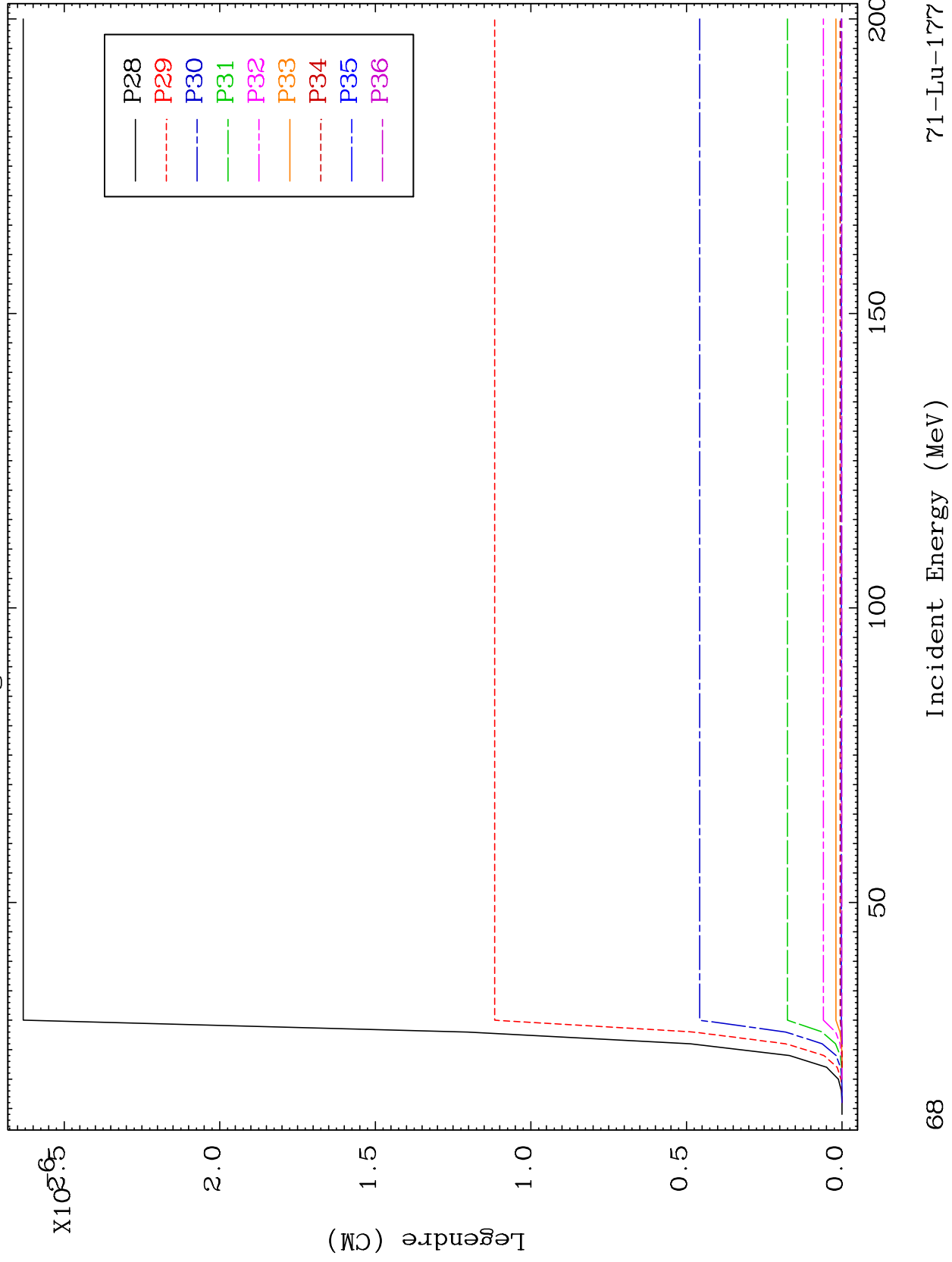
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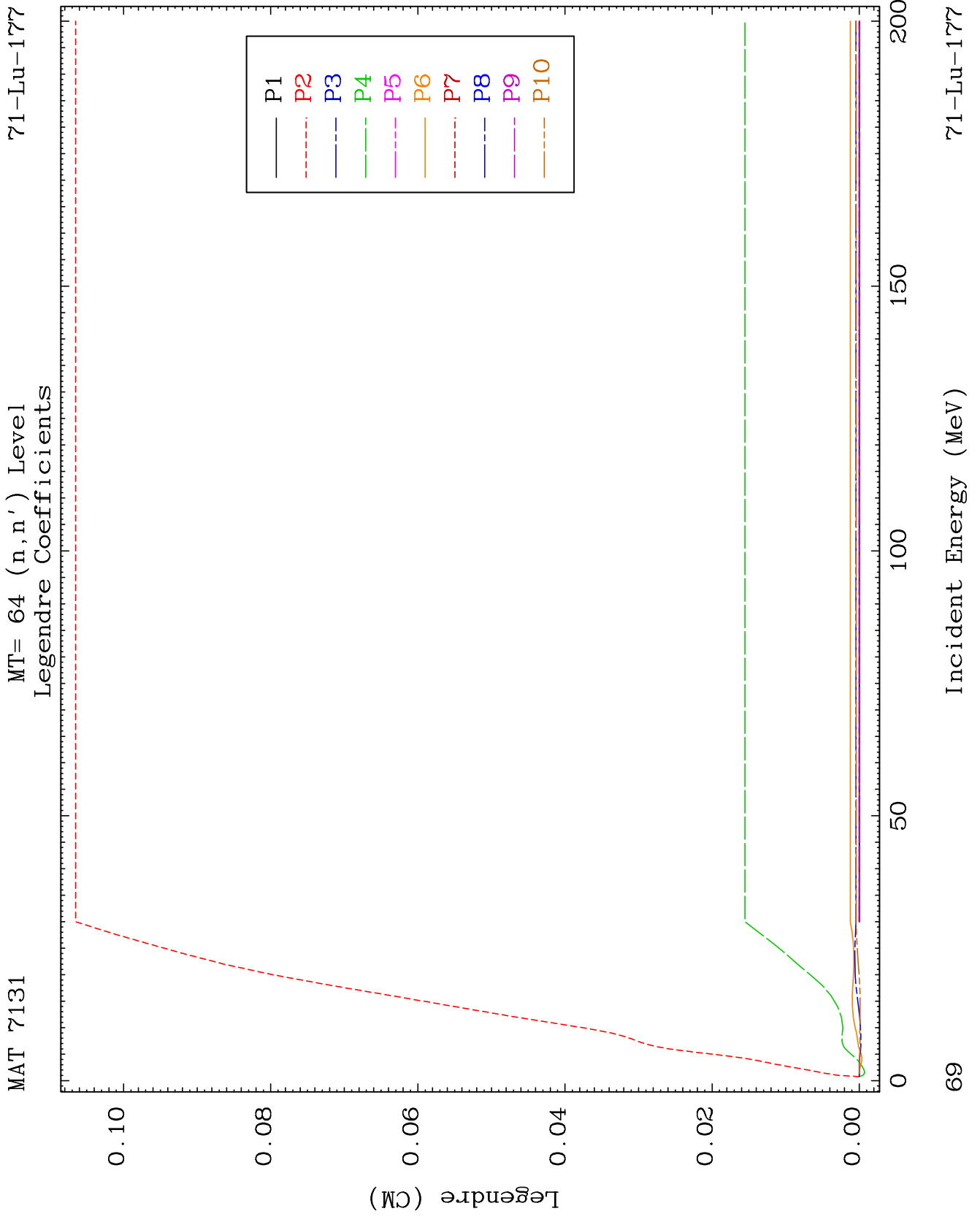
MAT 7131

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

71-Lu-177



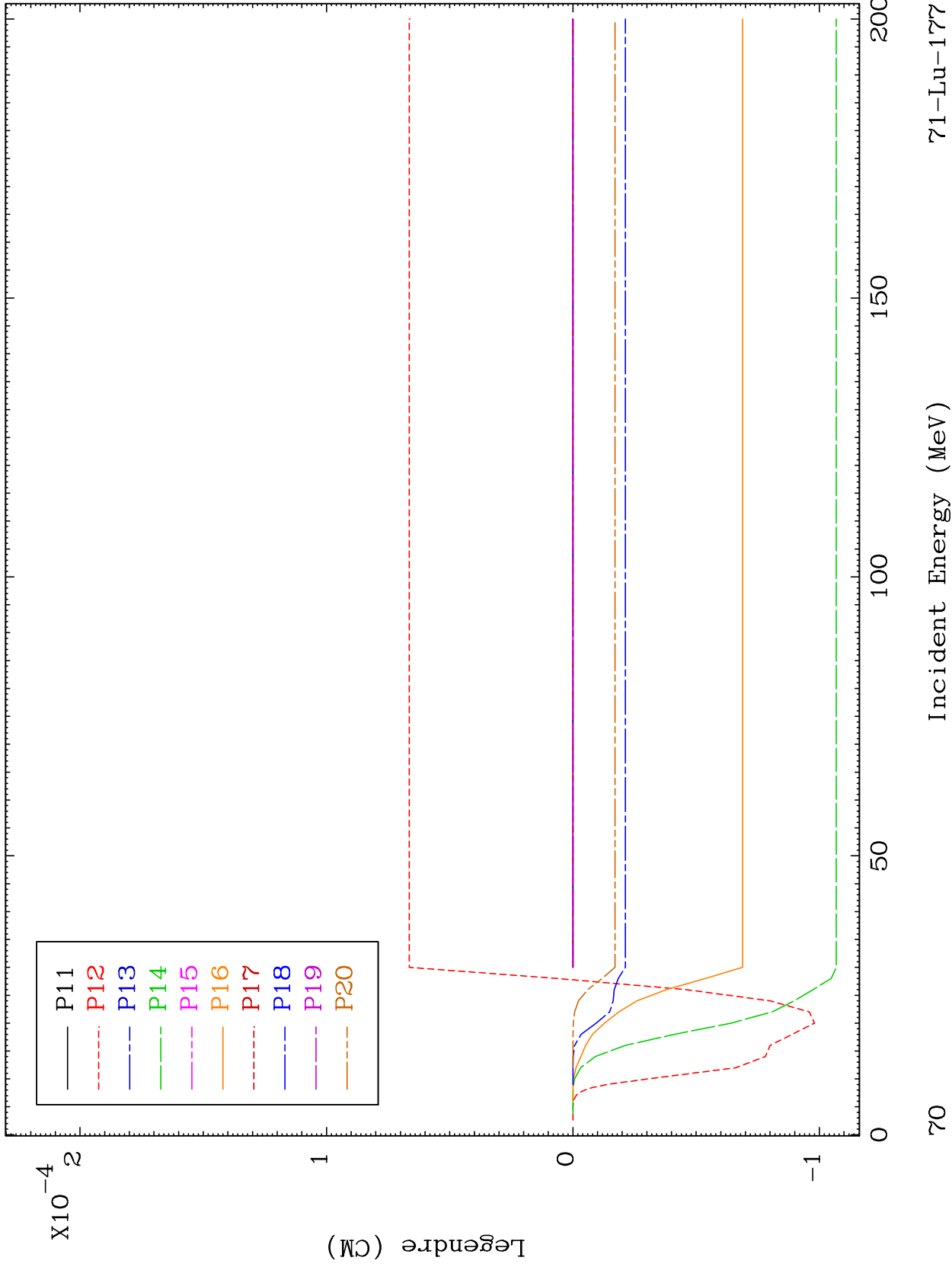
68



MAT 7131

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

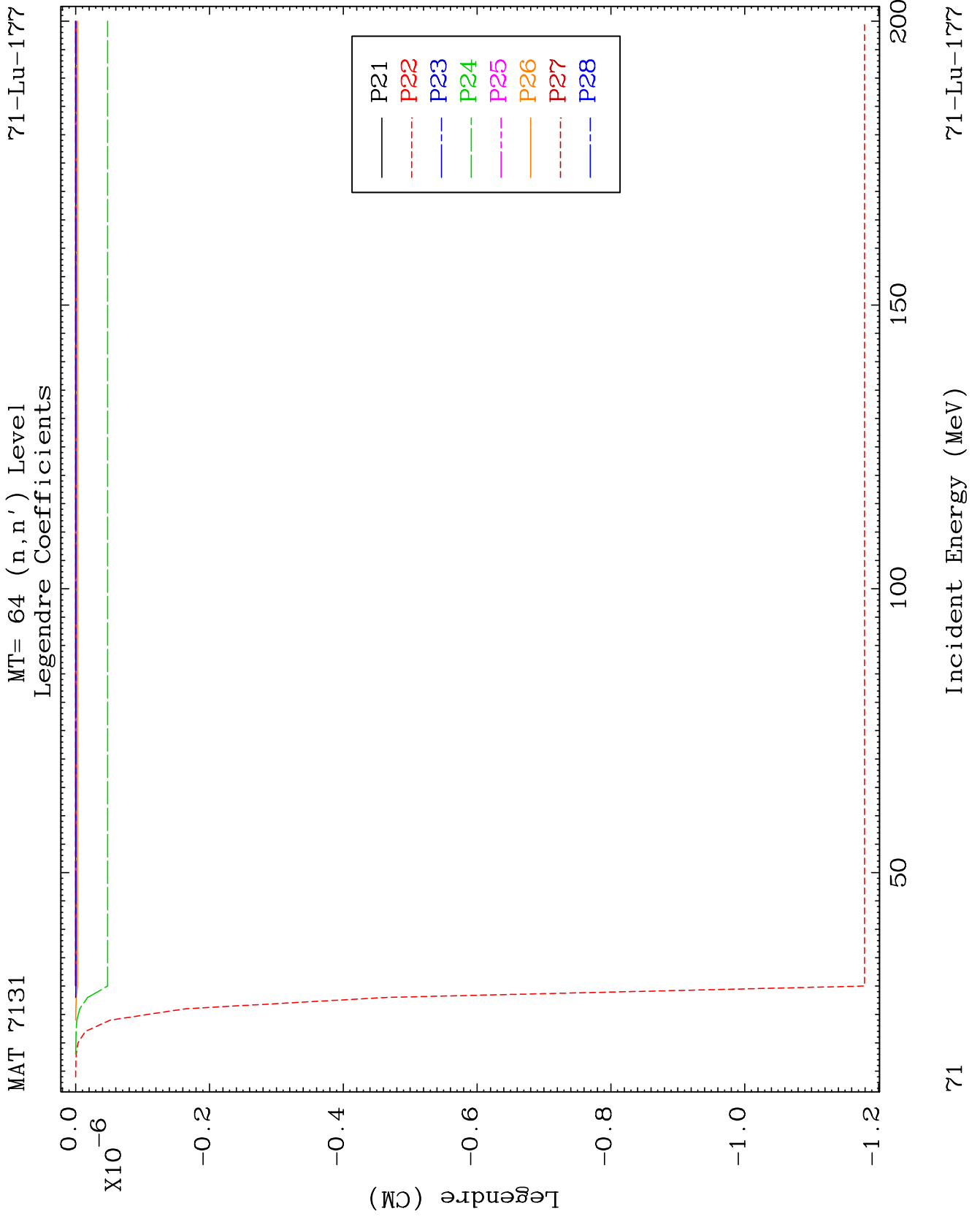
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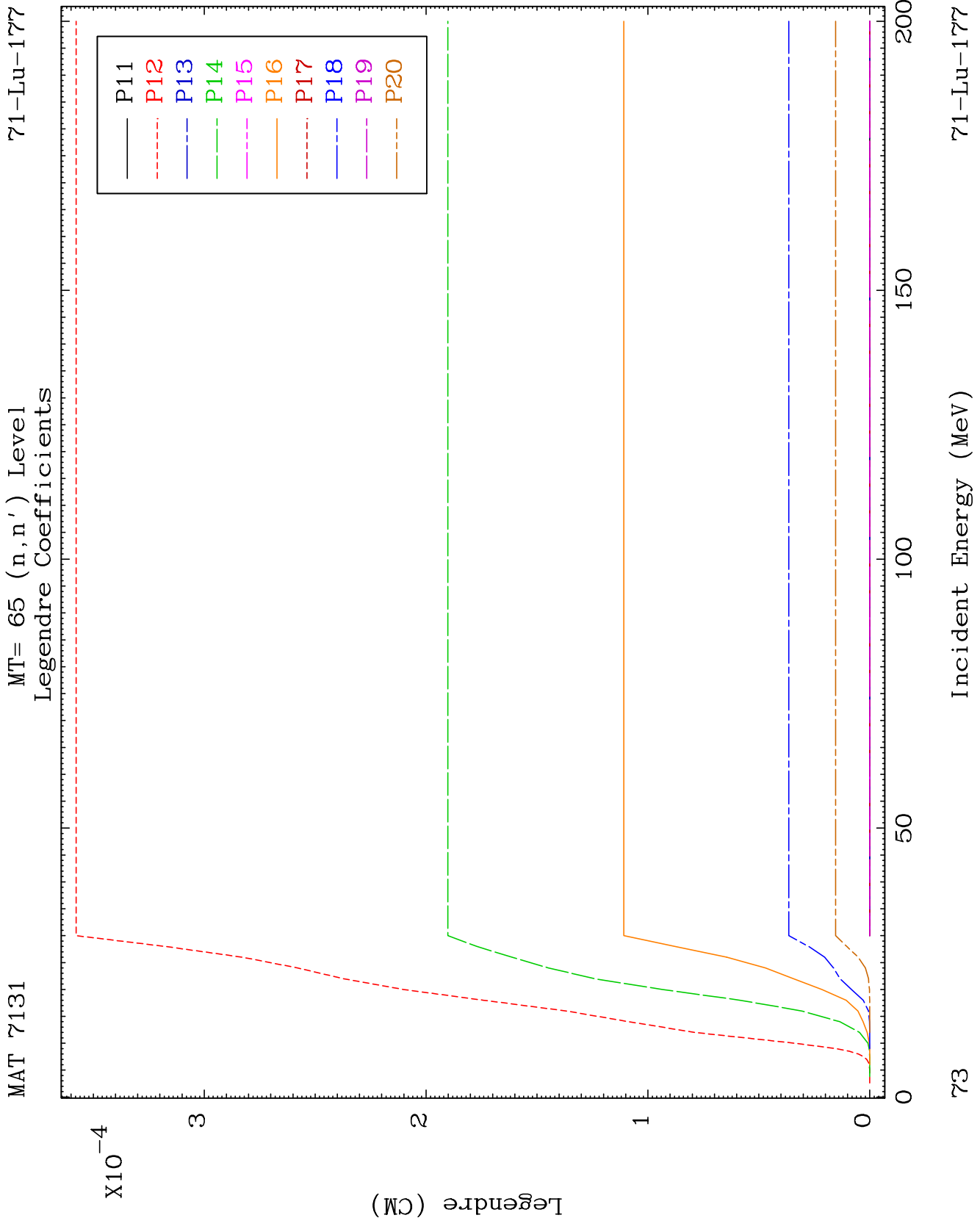


71-Lu-177

Incident Energy (MeV)

70

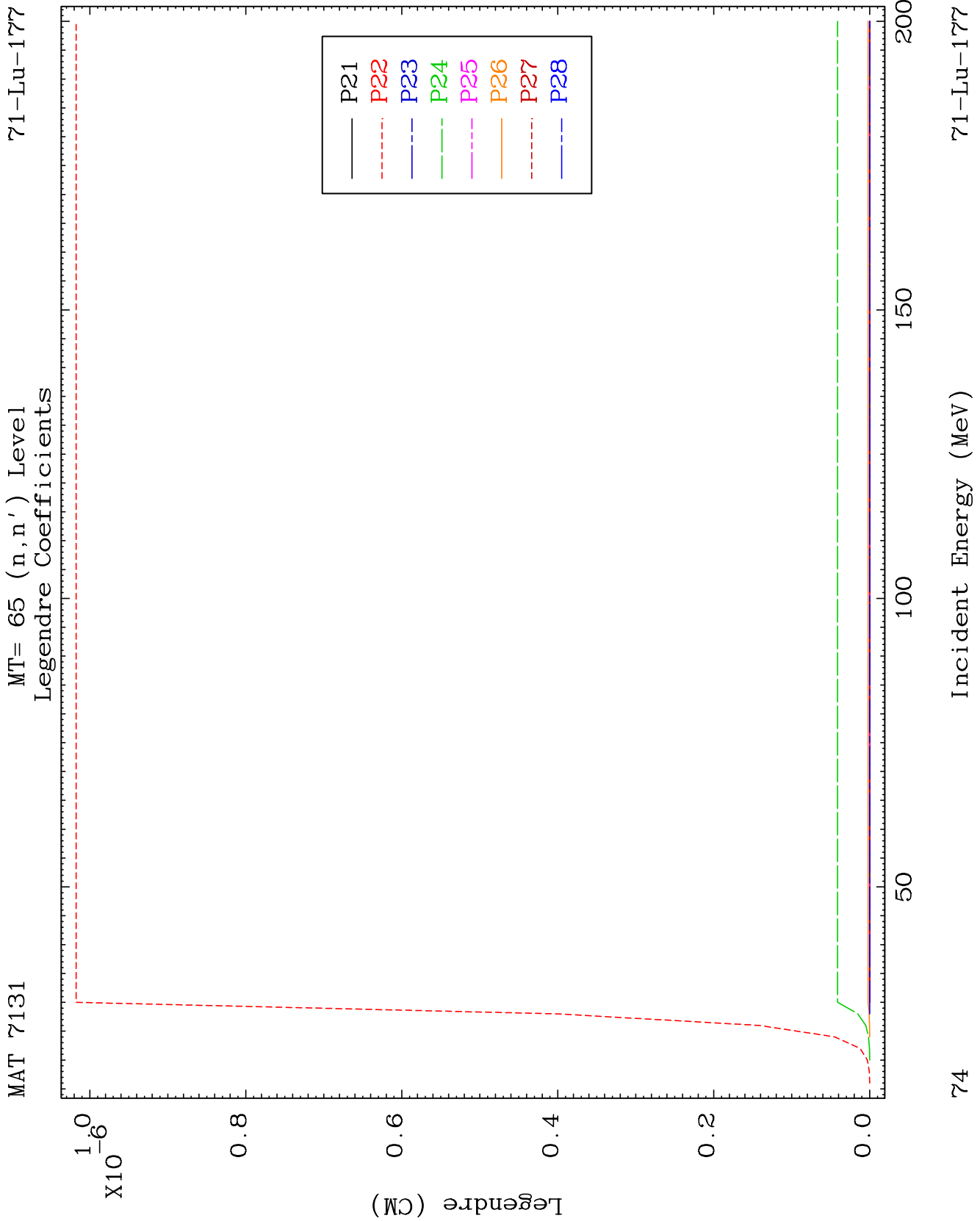




71-Lu-177

Incident Energy (MeV)

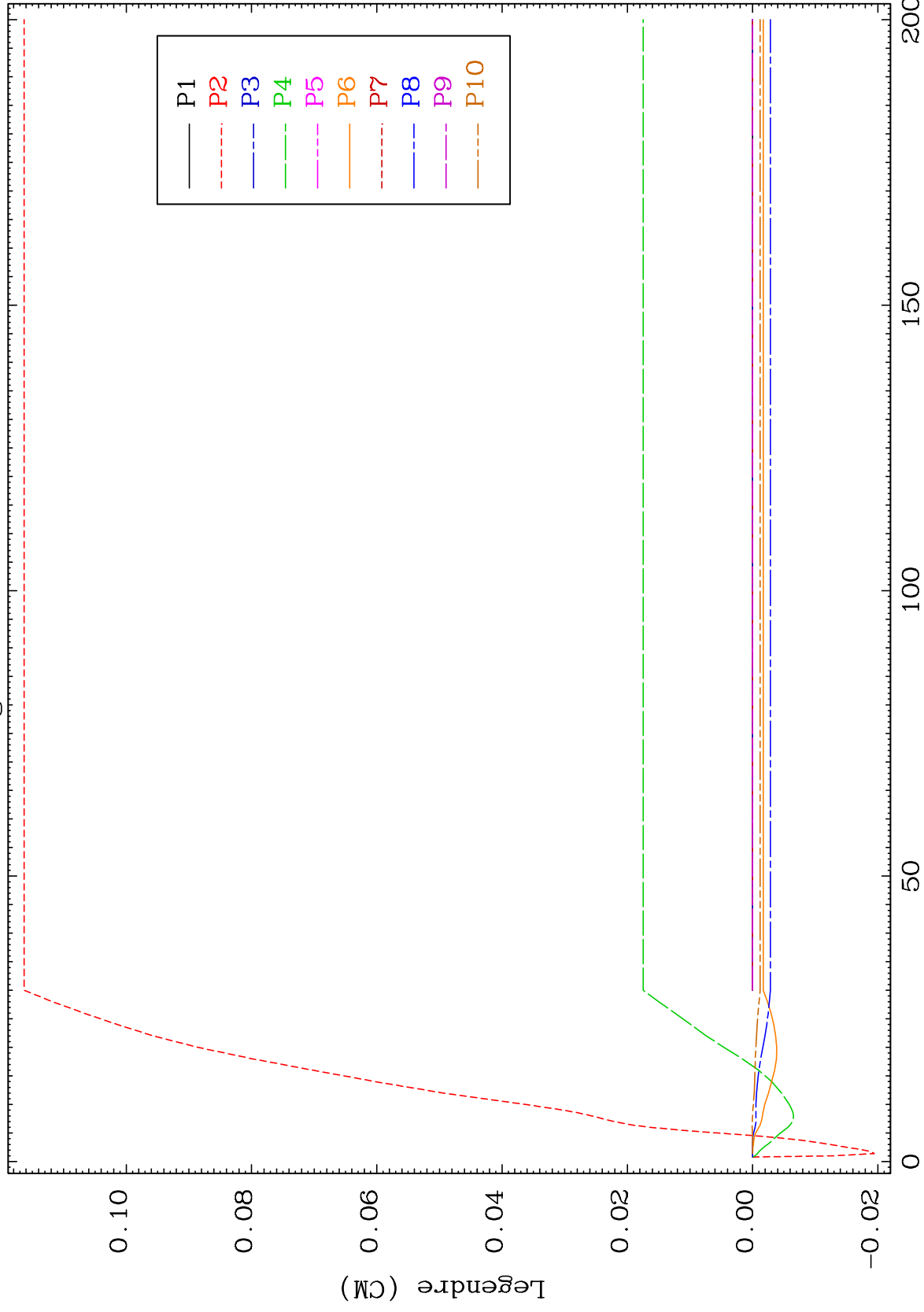
73



MAT 7131

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

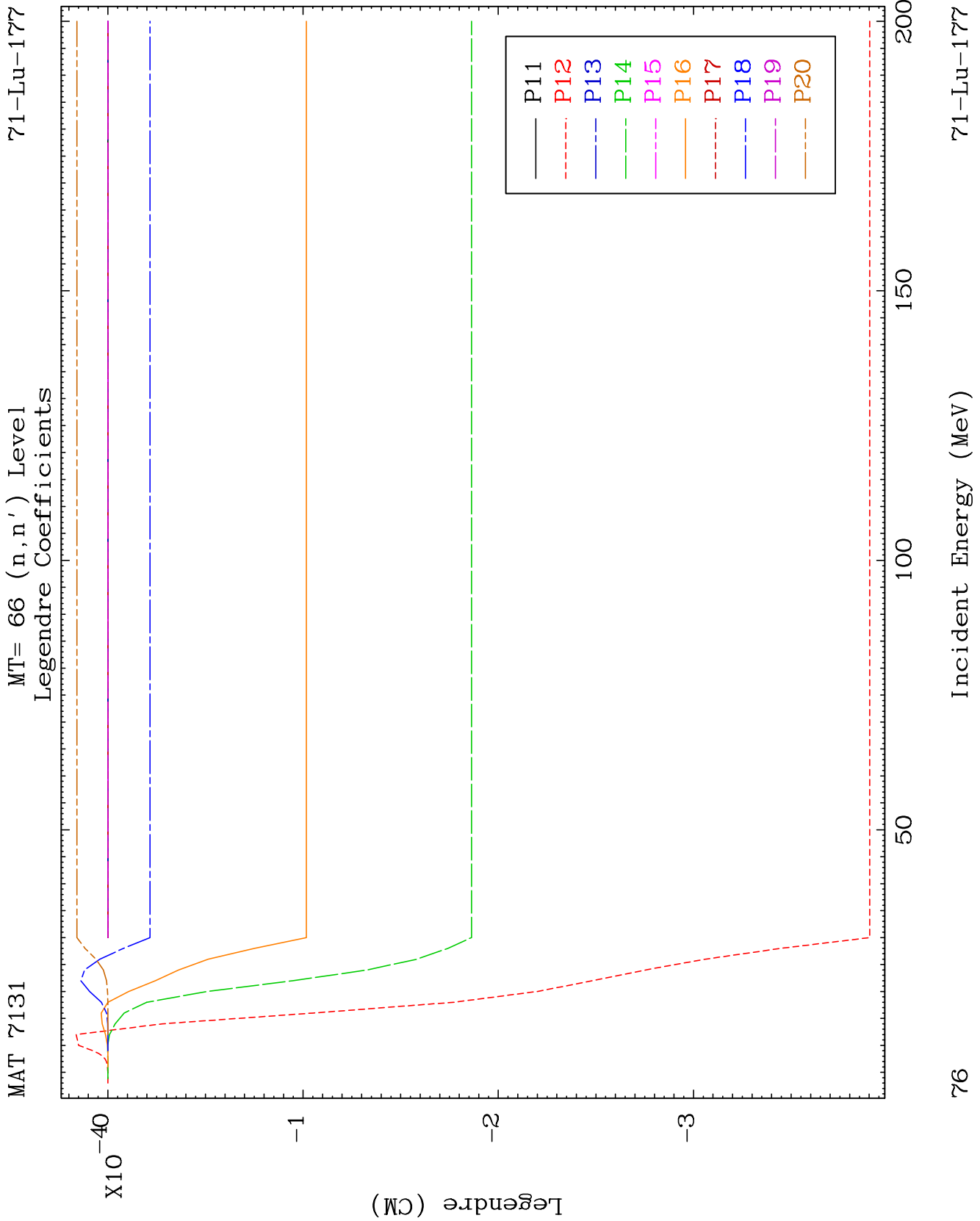
71-Lu-177

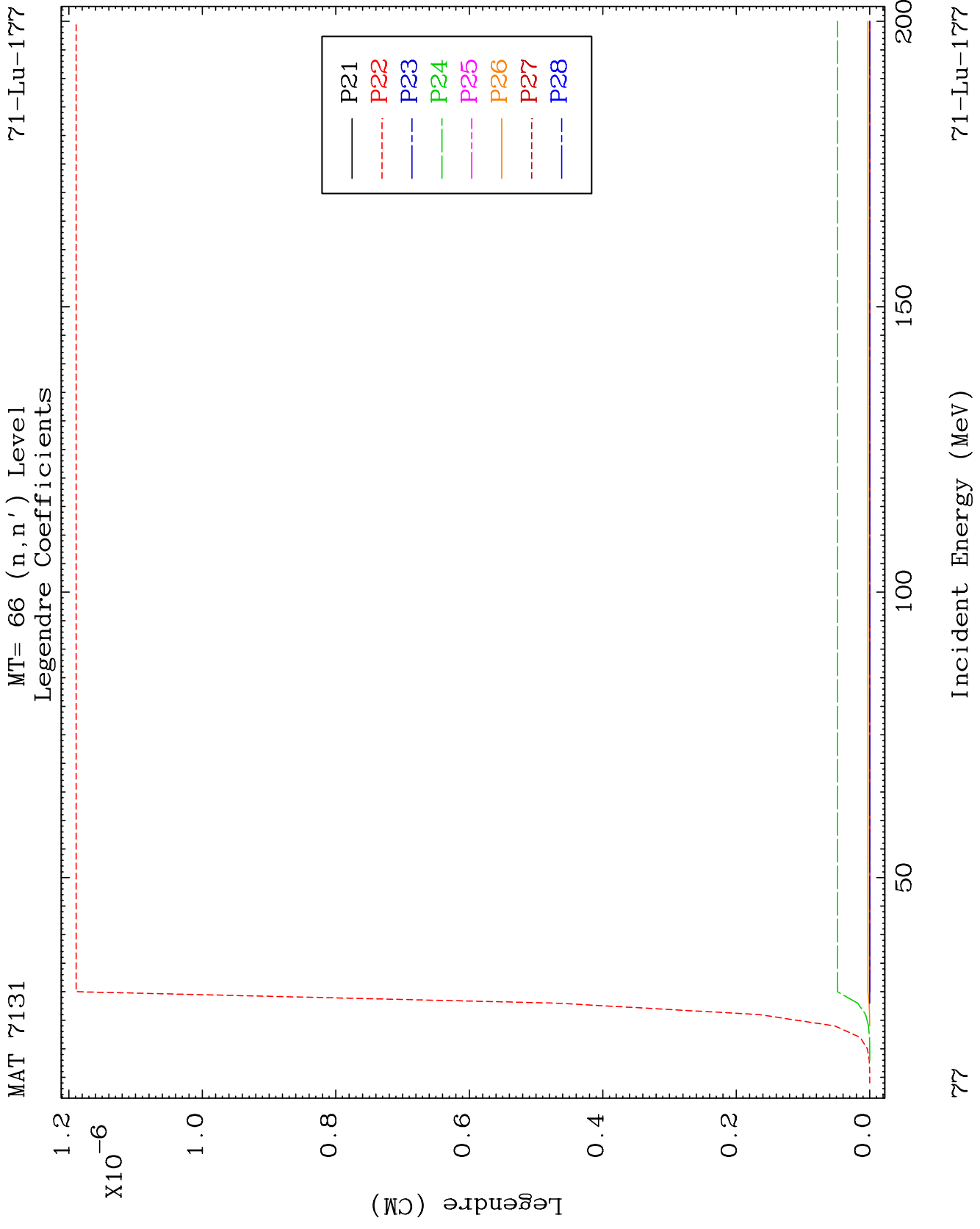


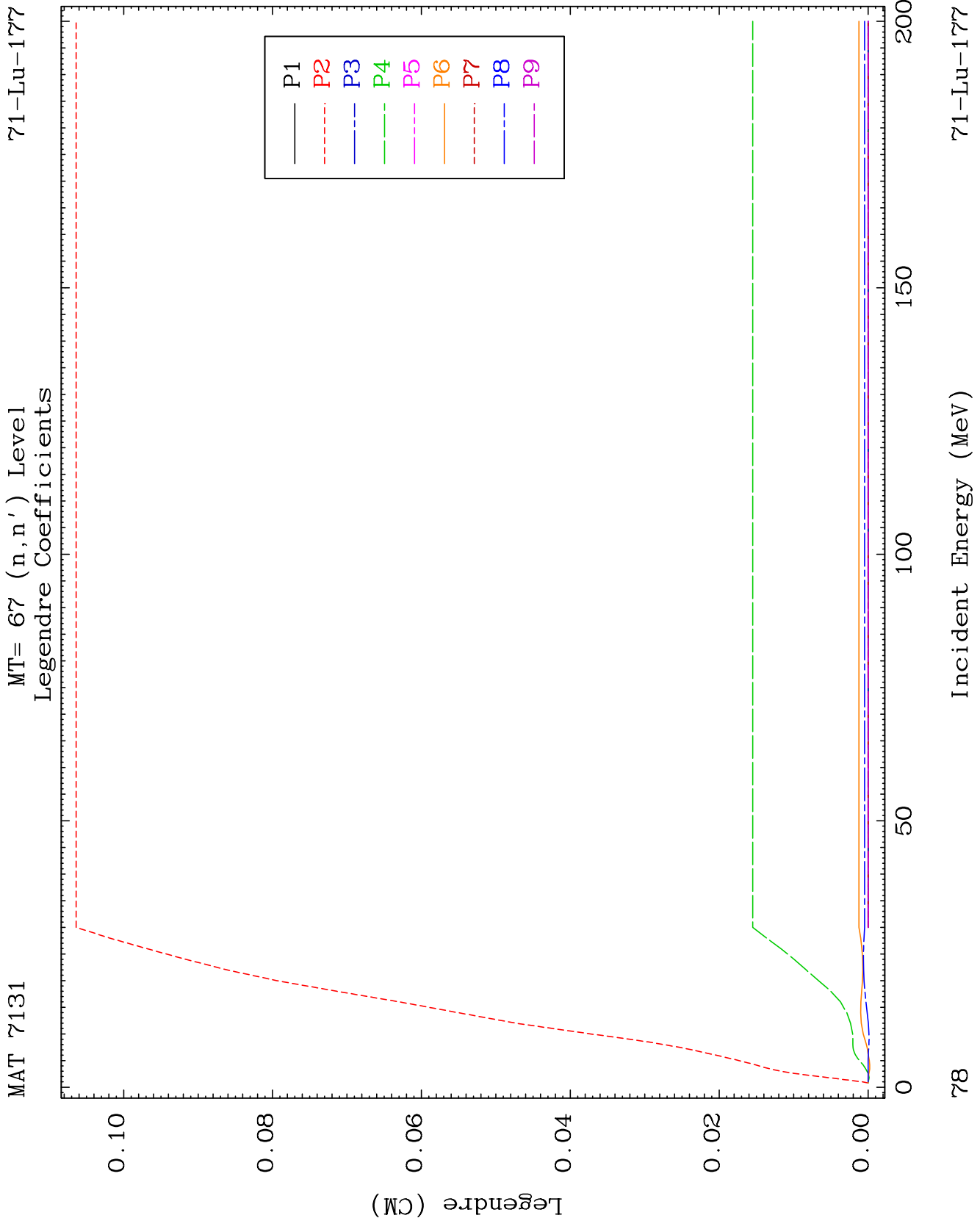
75

Incident Energy (MeV)

71-Lu-177



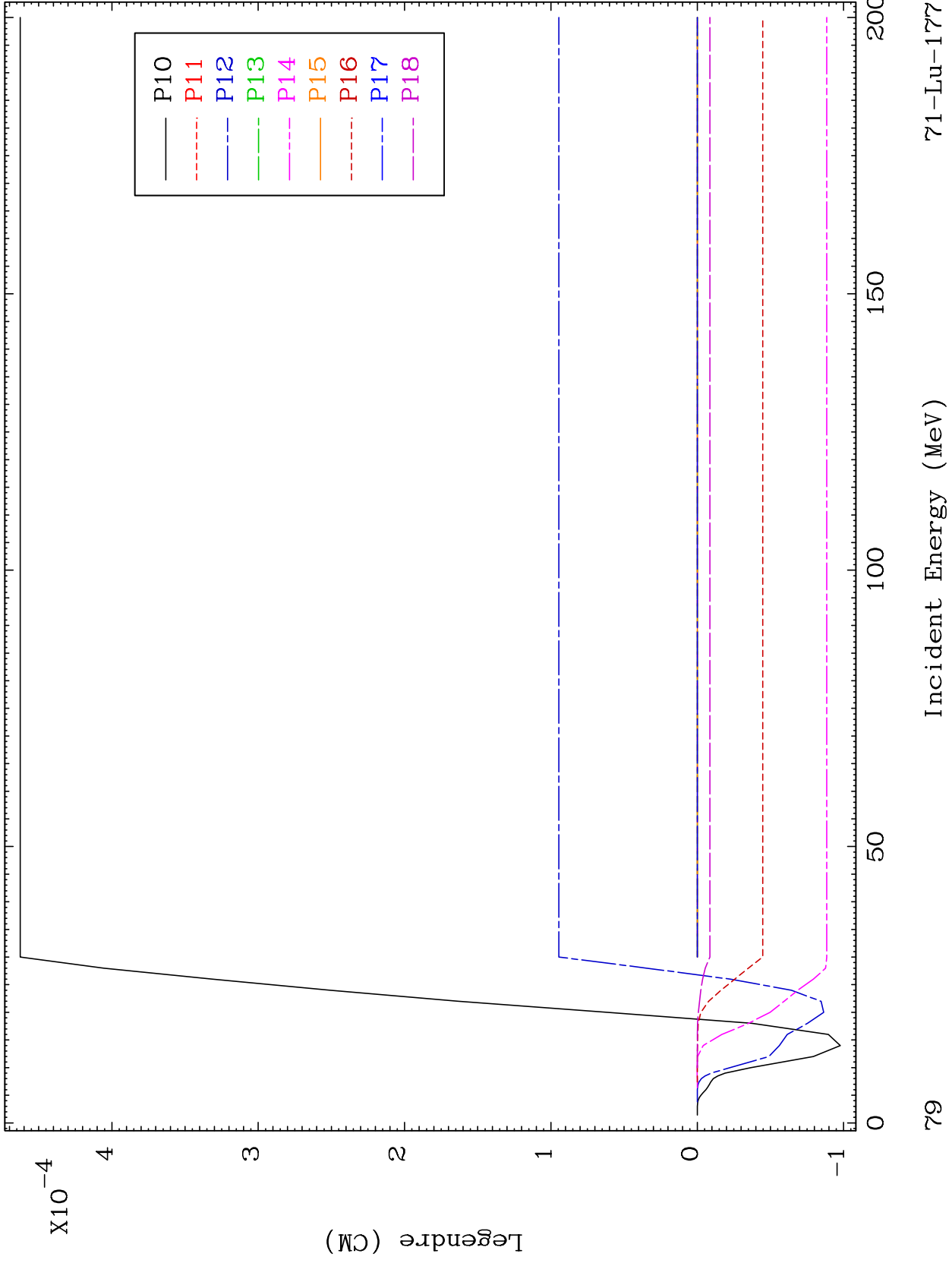




MAT 7131

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

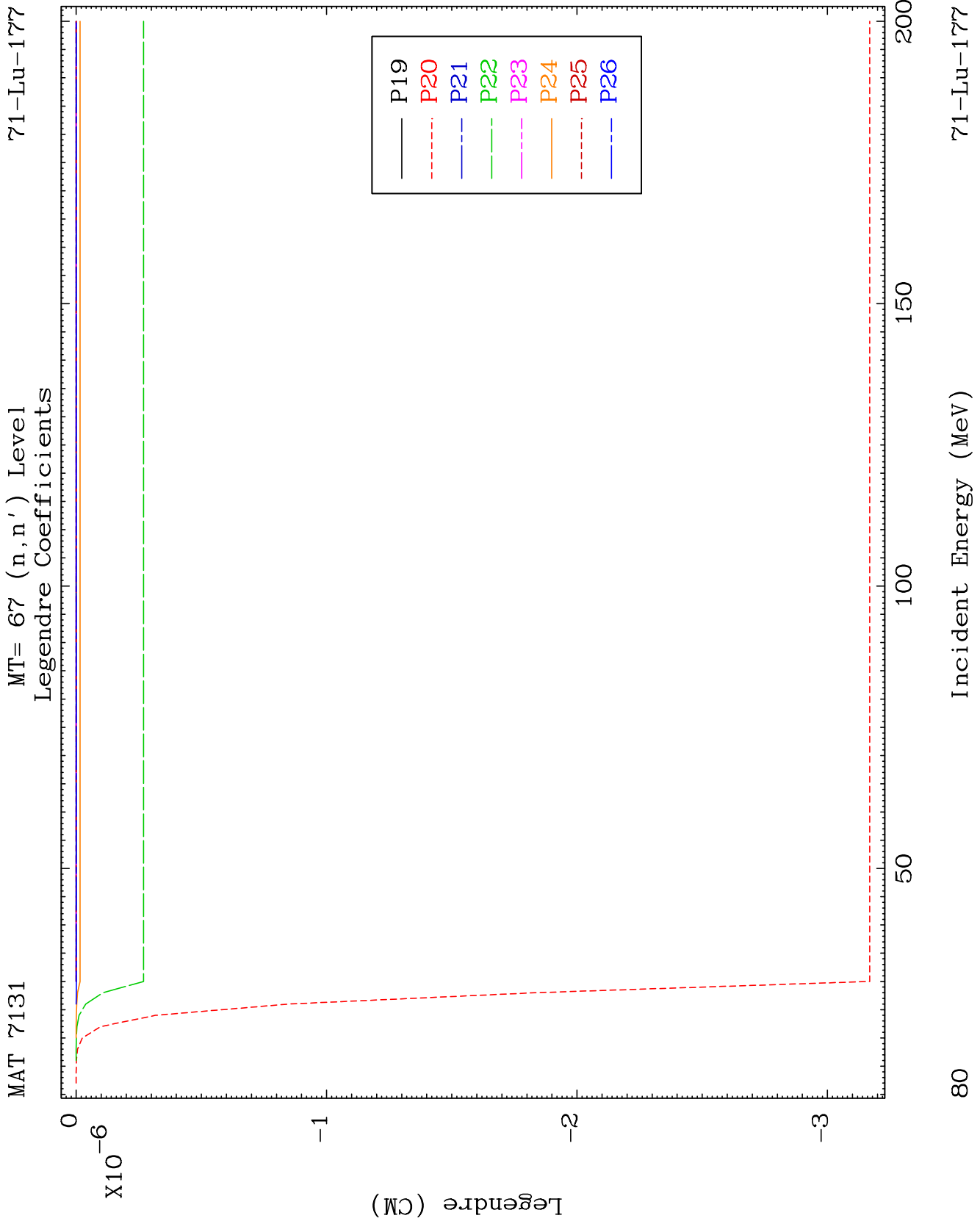
71-Lu-177



71-Lu-177

Incident Energy (MeV)

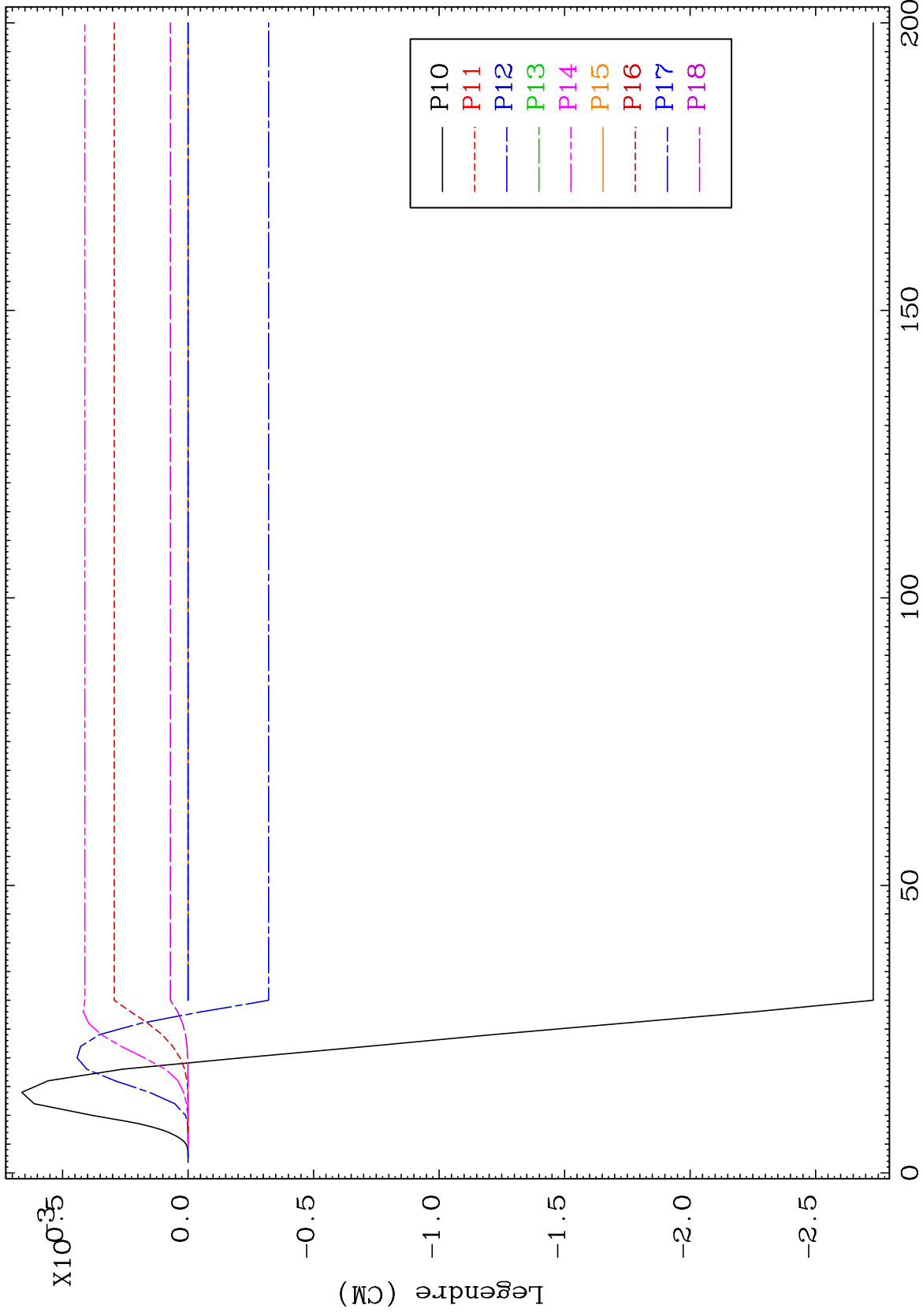
79



MAT 7131

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

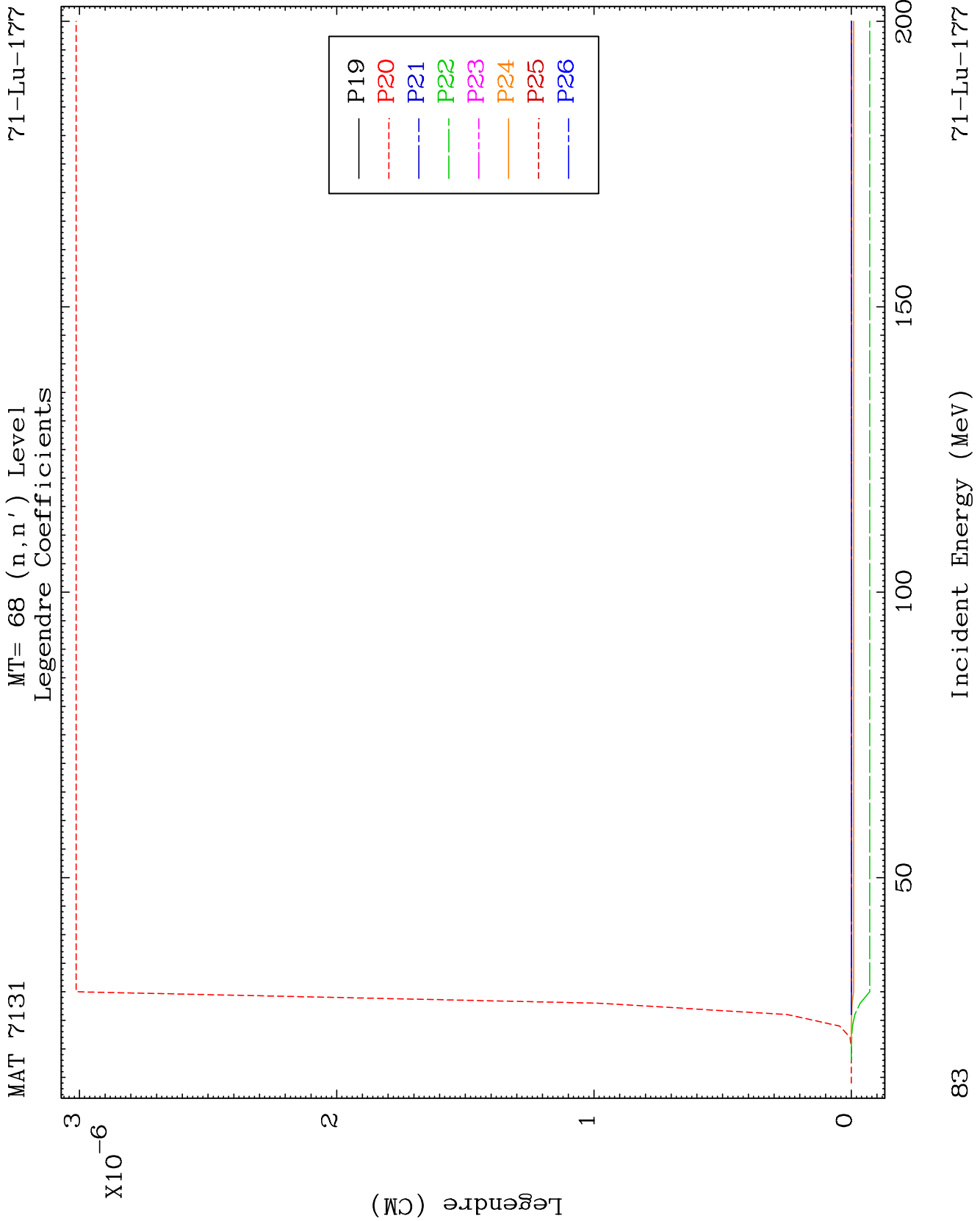
71-Lu-177



82

Incident Energy (MeV)

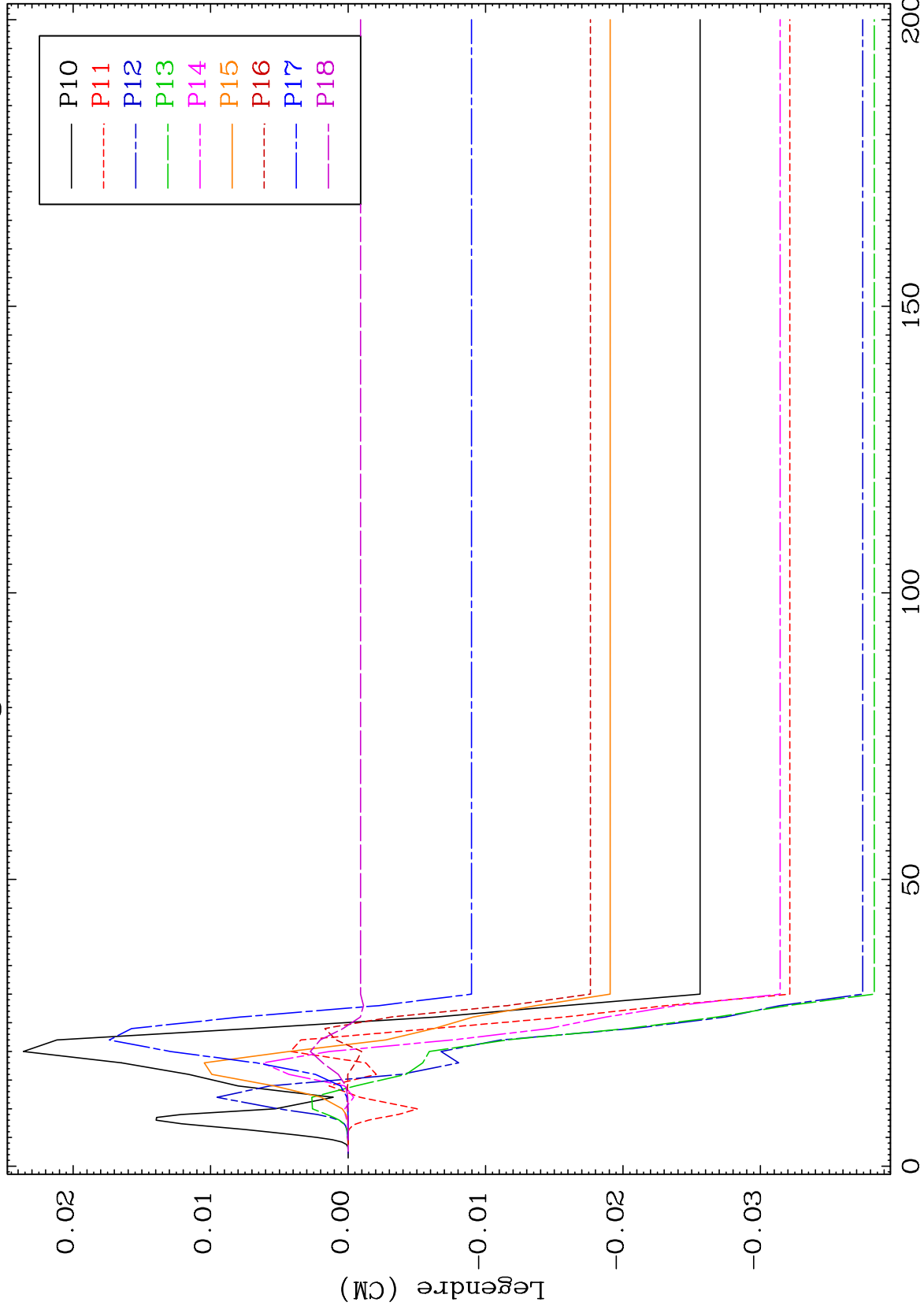
71-Lu-177



MAT 7131

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

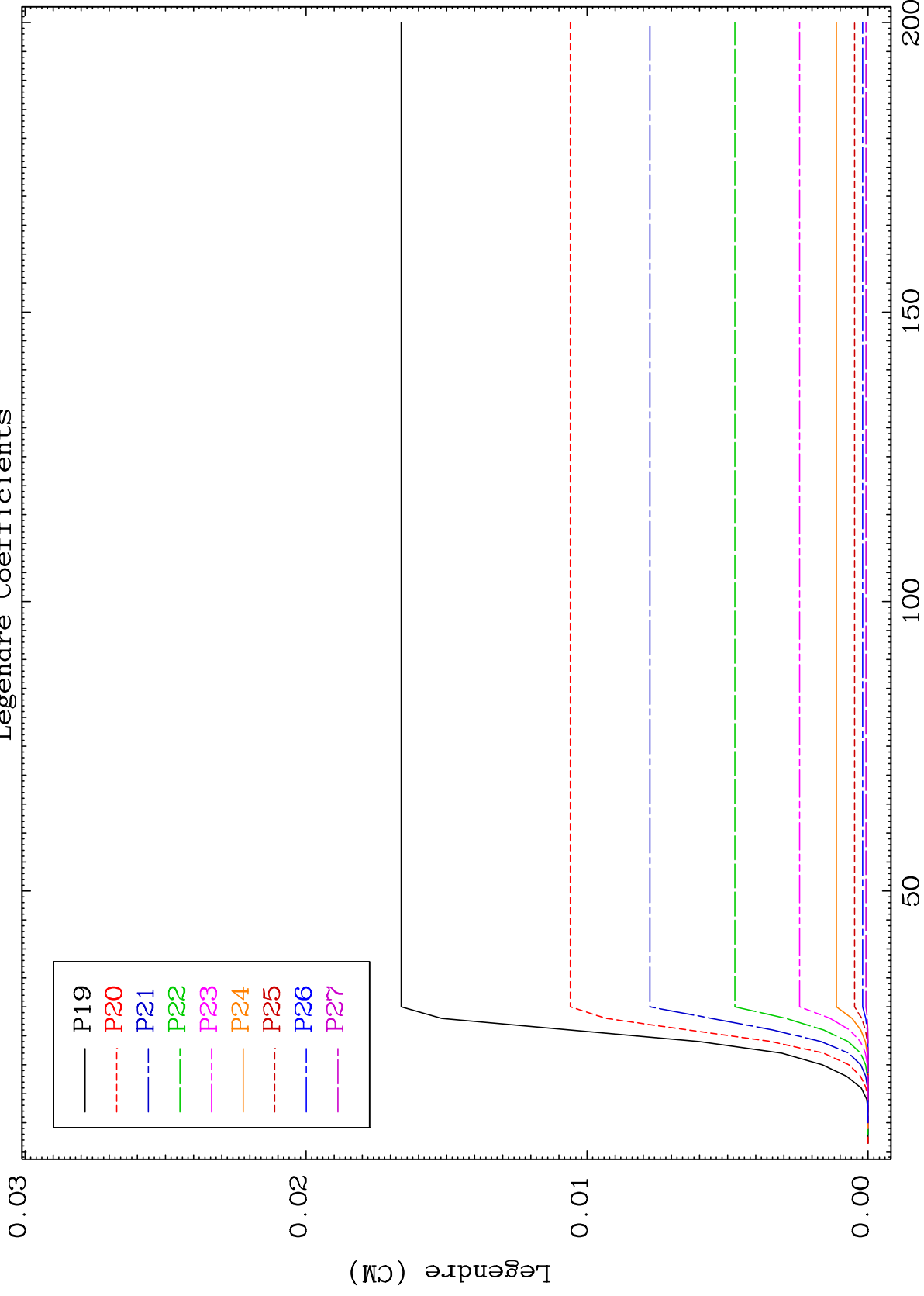
71-Lu-177



85

Incident Energy (MeV)

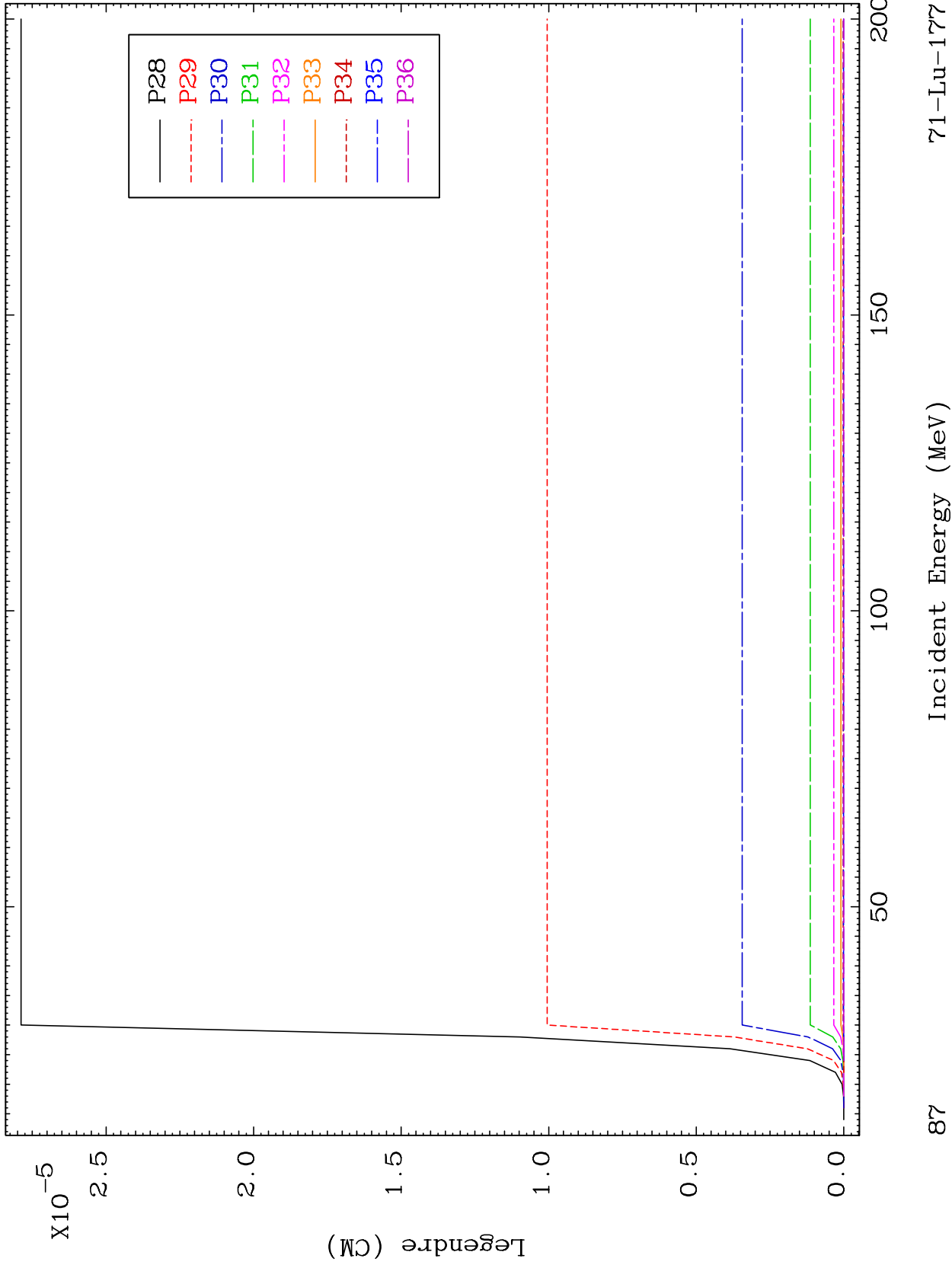
71-Lu-177

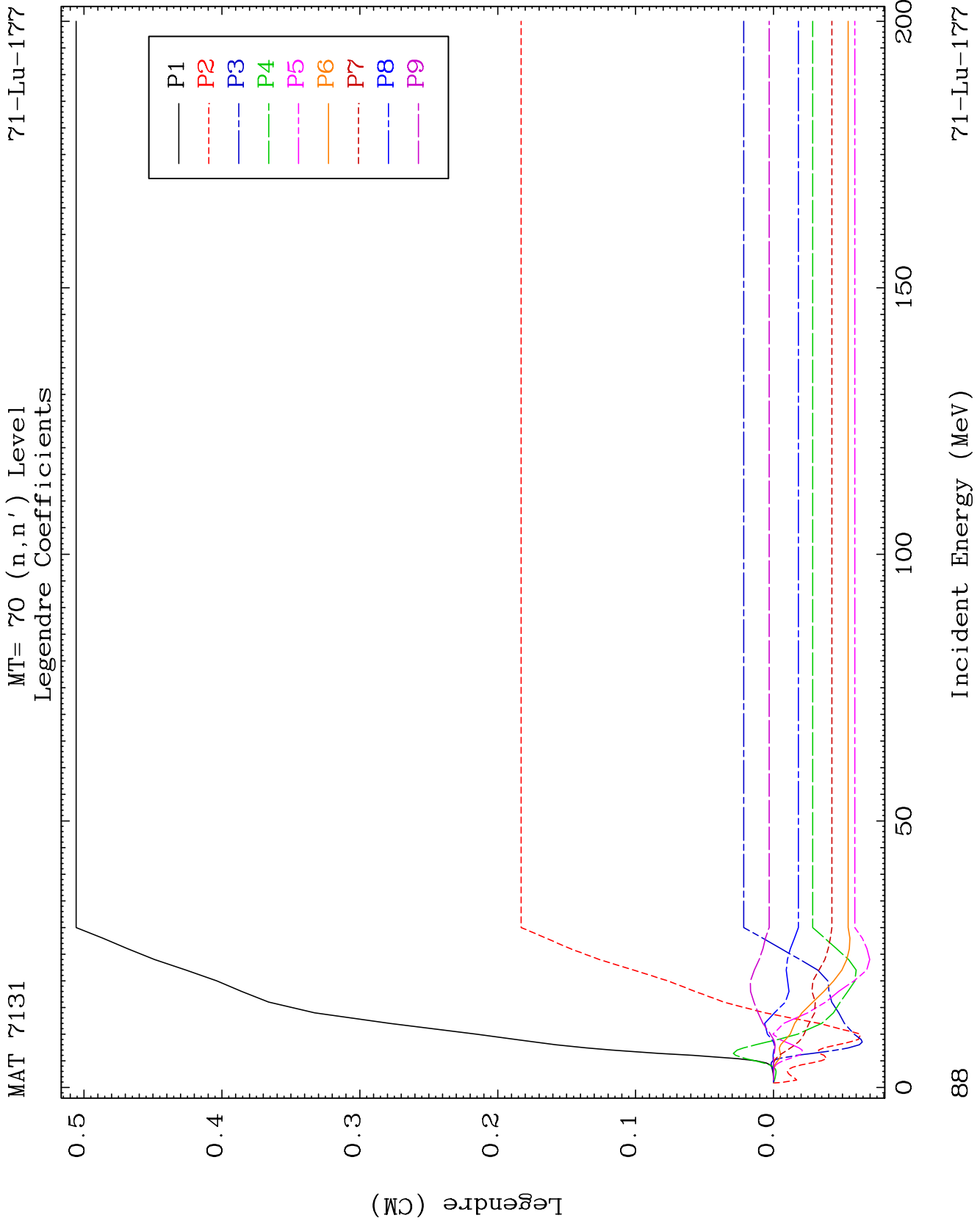


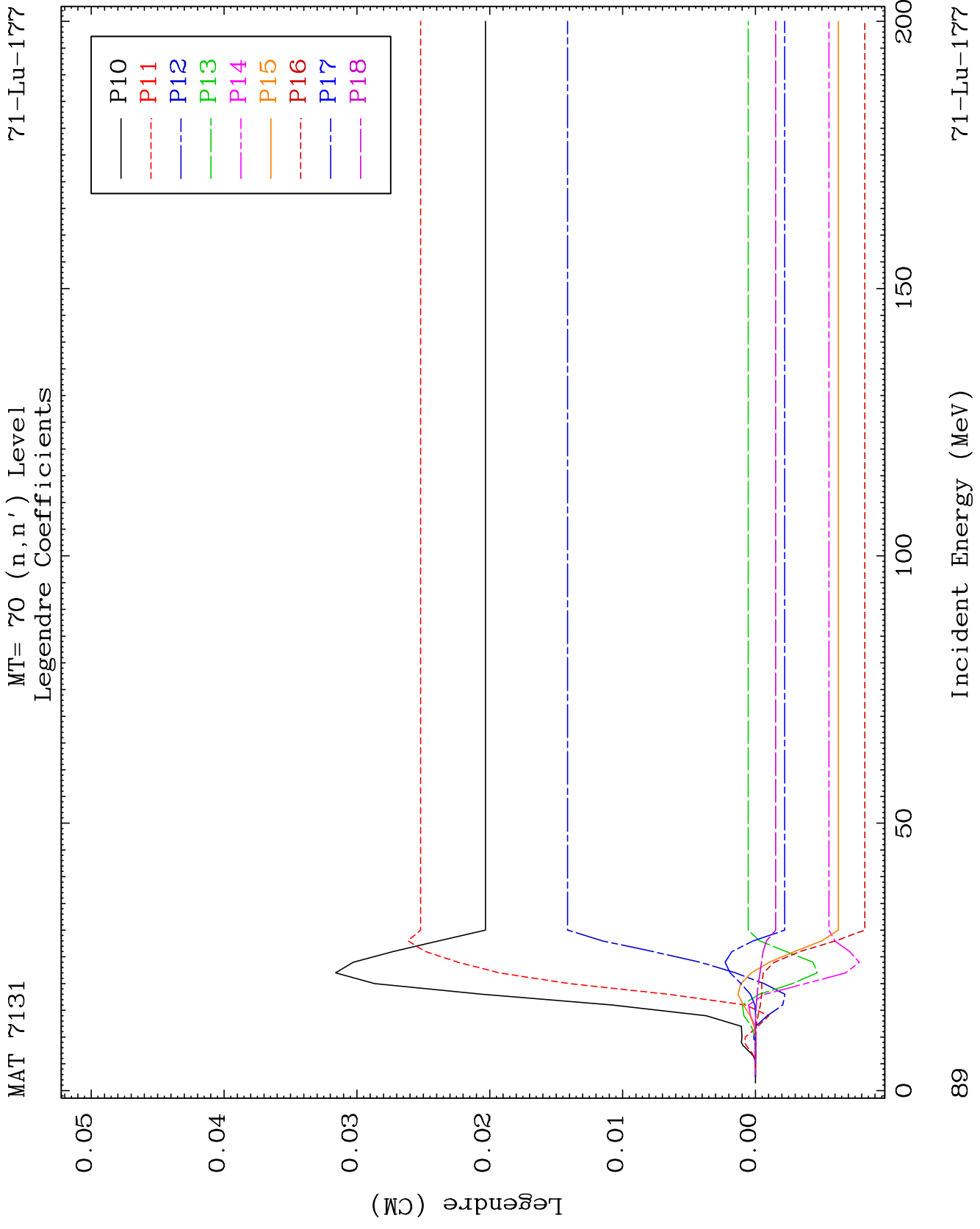
MAT 7131

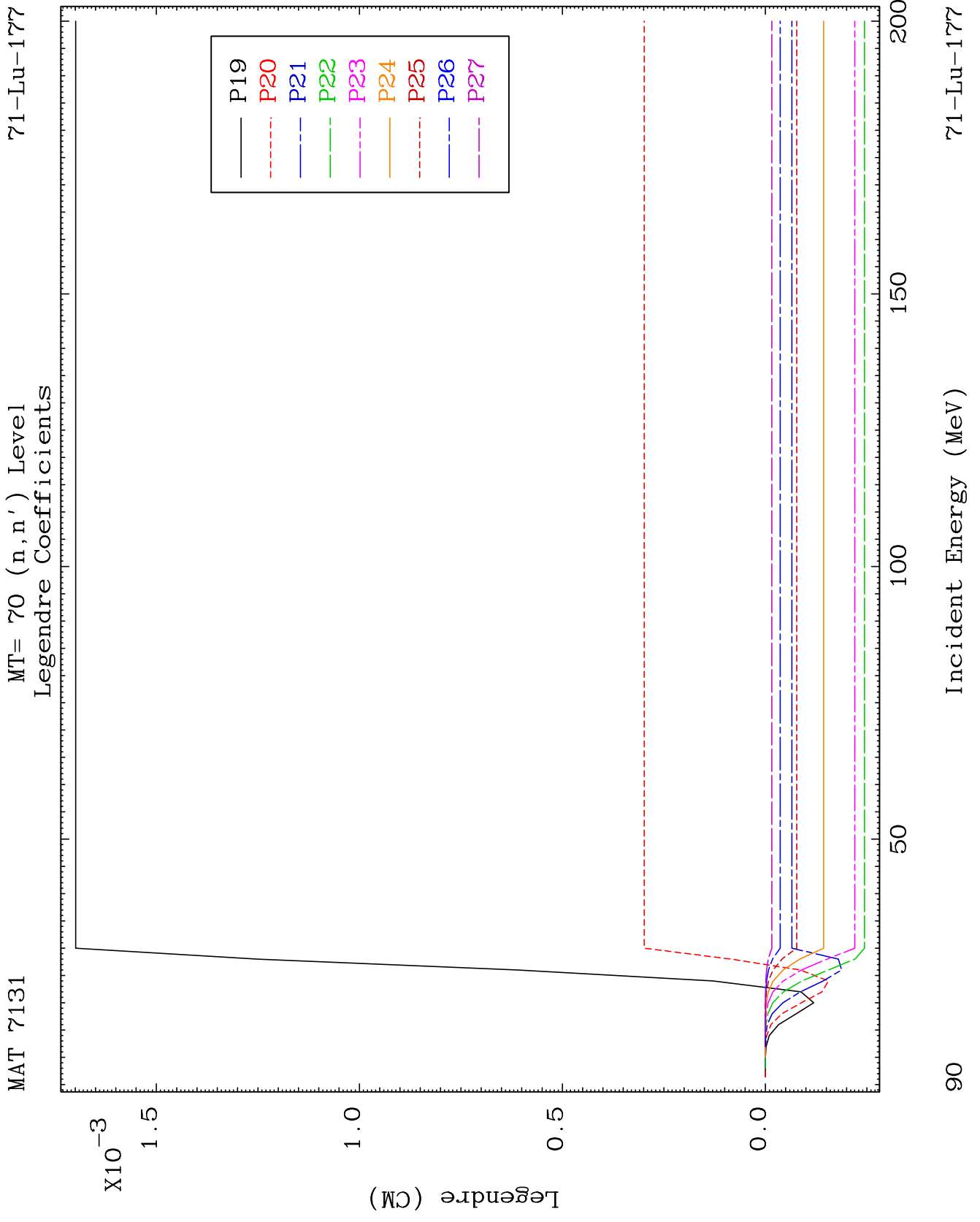
MT= 69 (n,n') Level
Legendre Coefficients

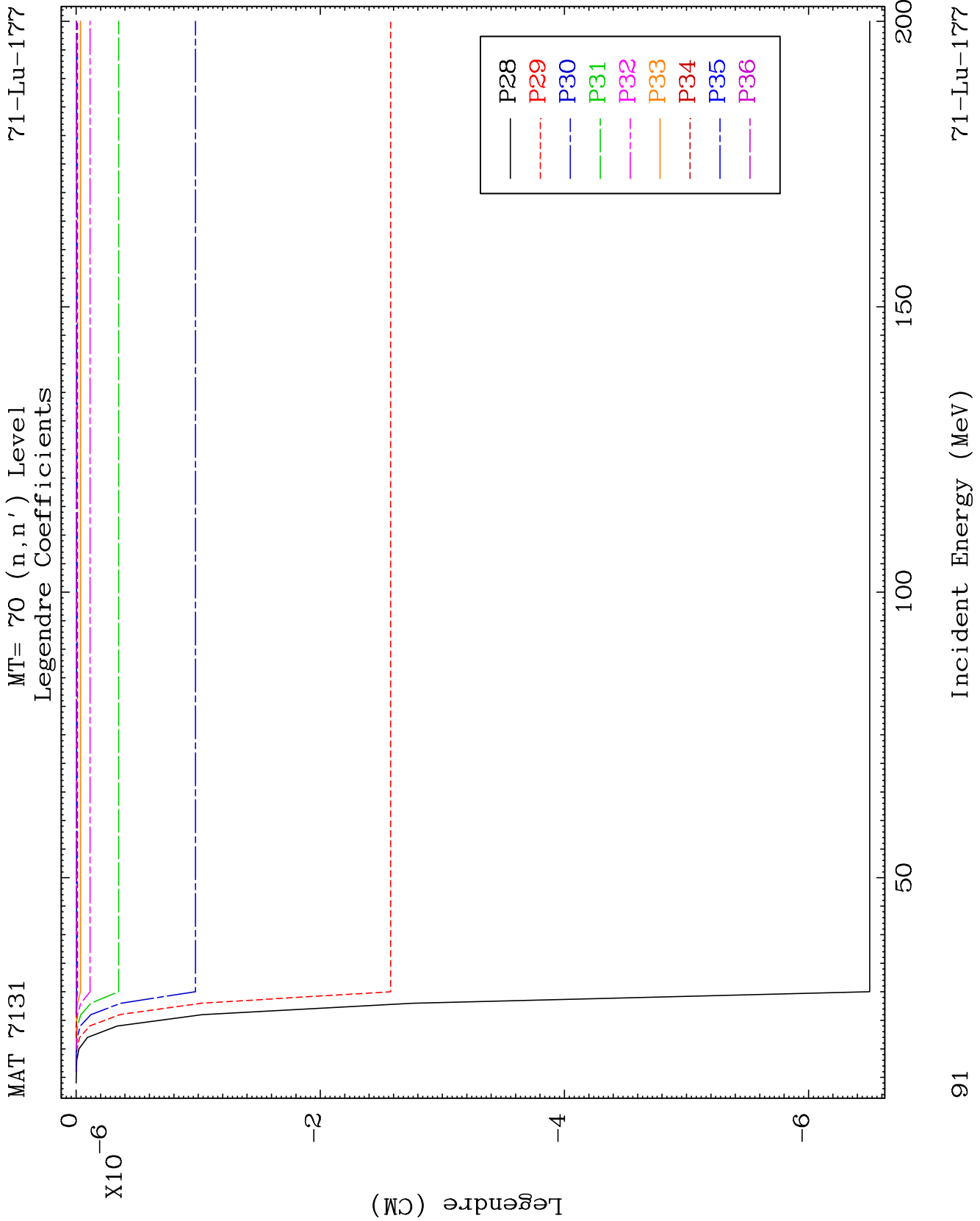
71-Lu-177

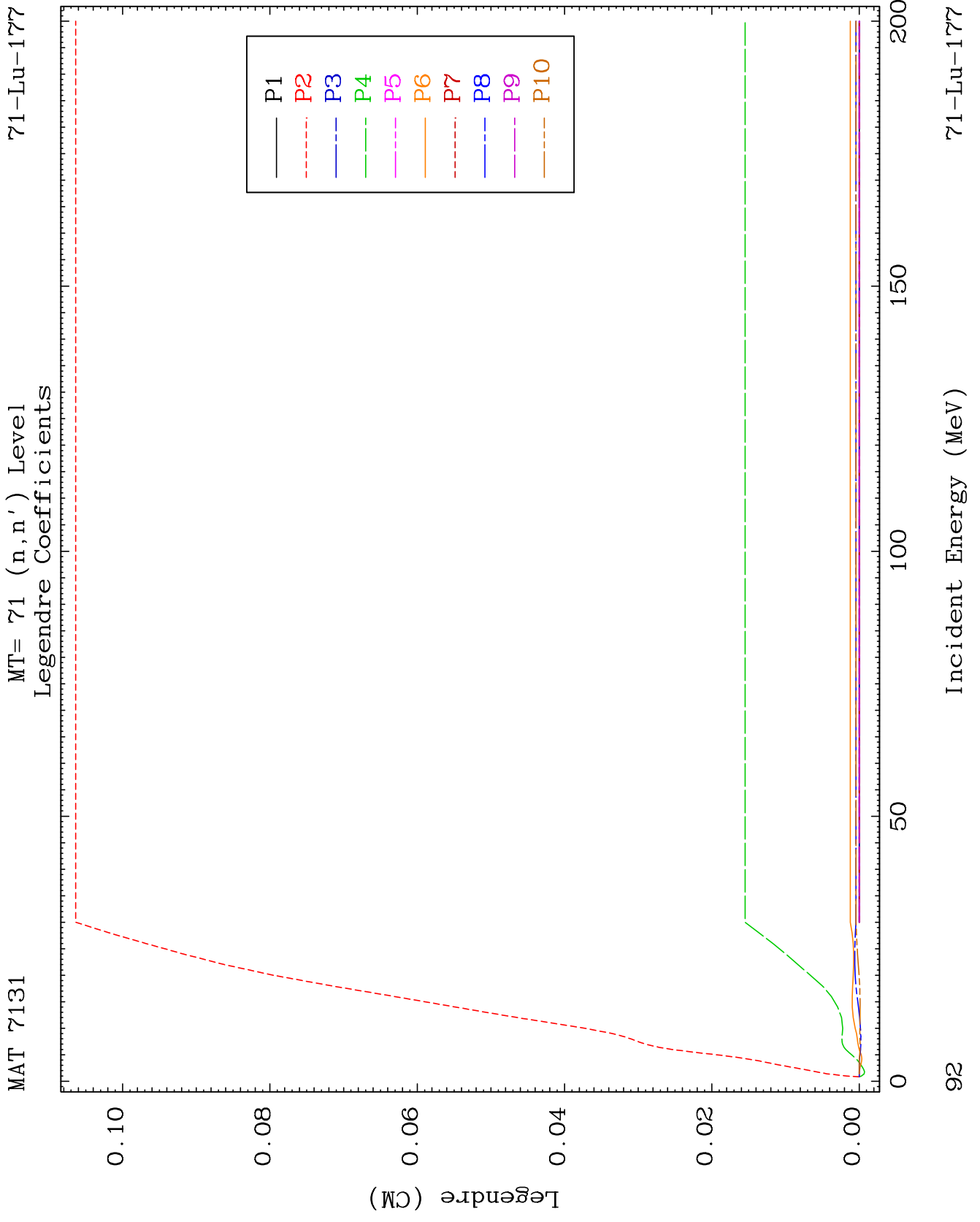








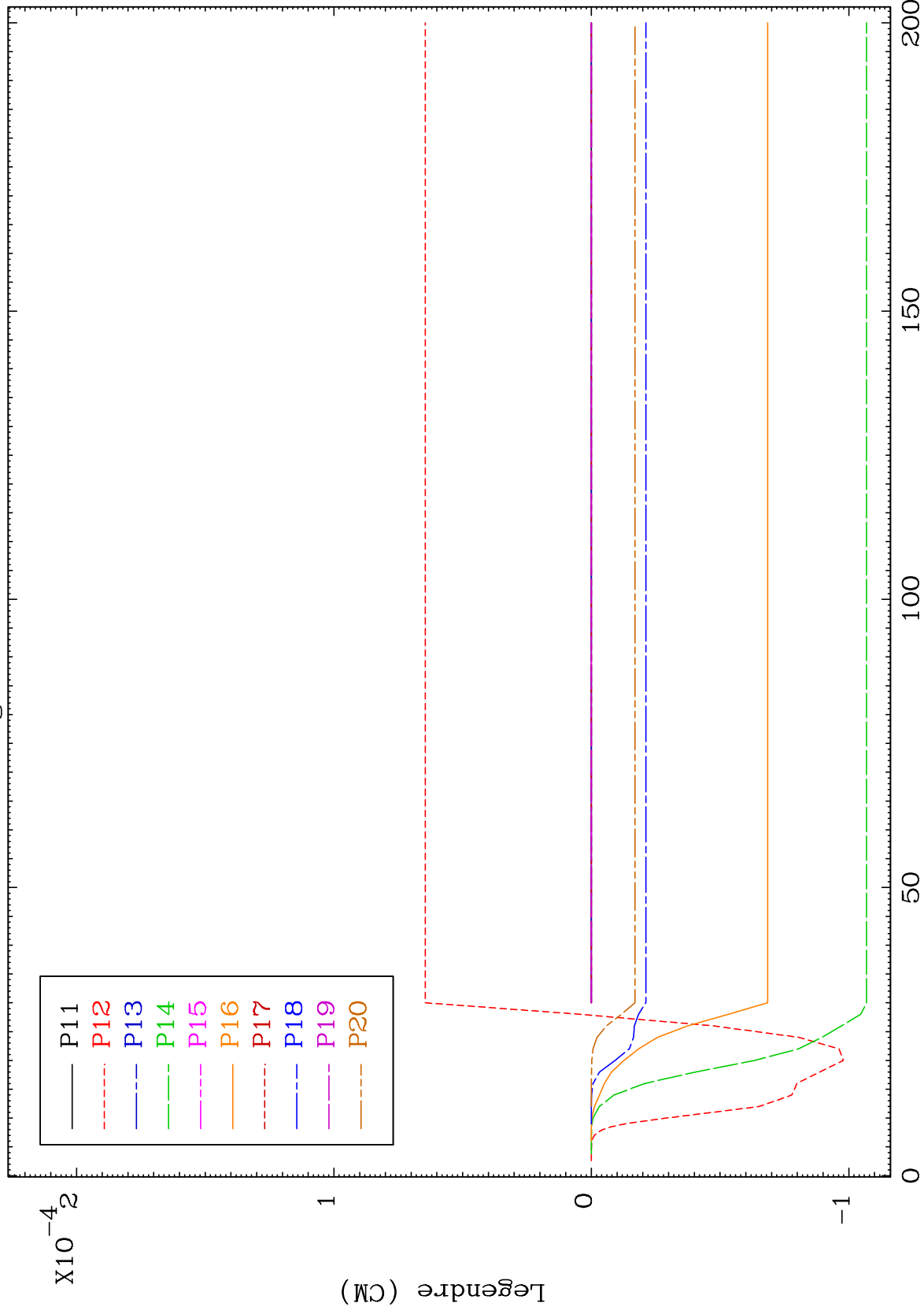




MAT 7131

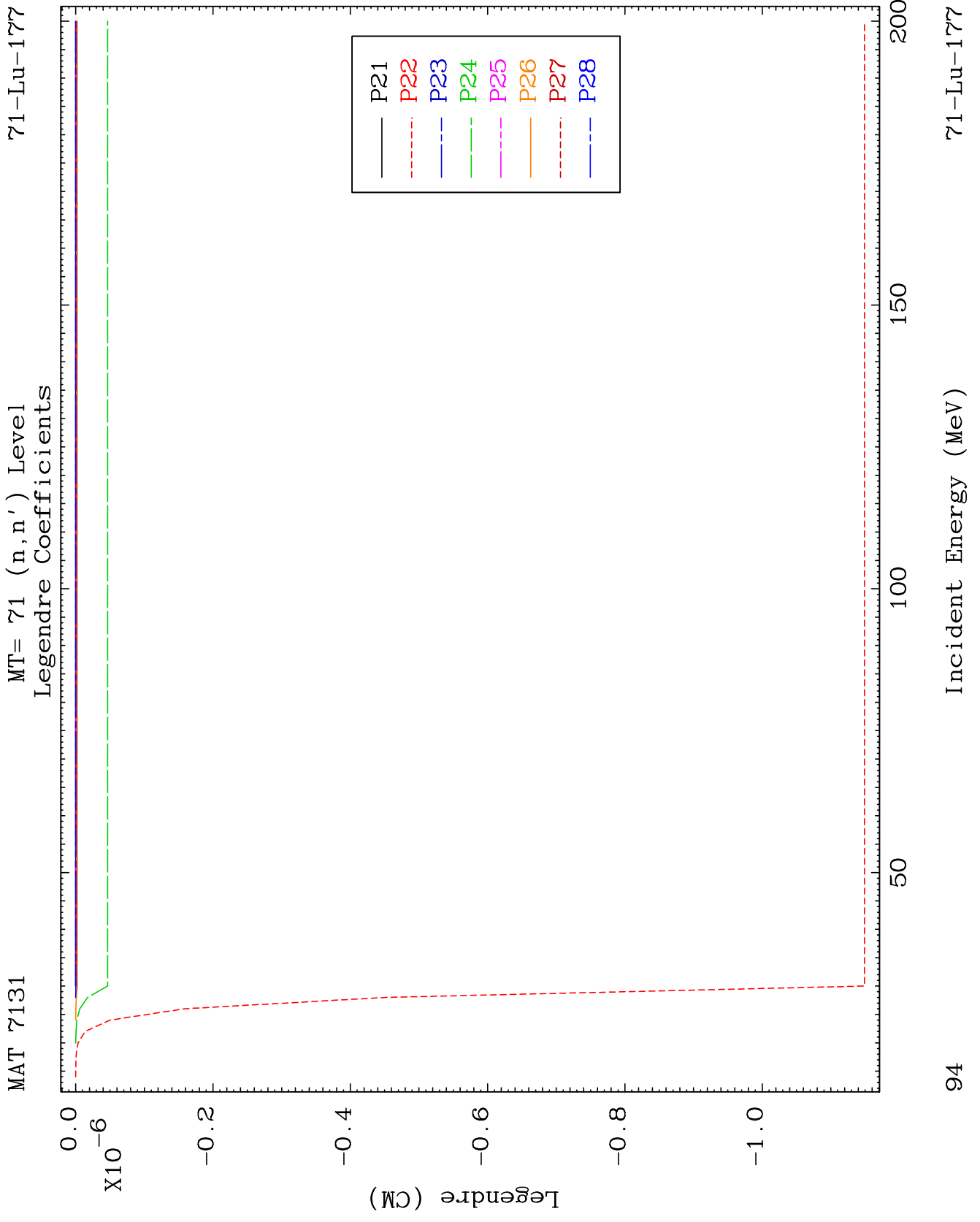
MT= 71 (n,n') Level
Legendre Coefficients

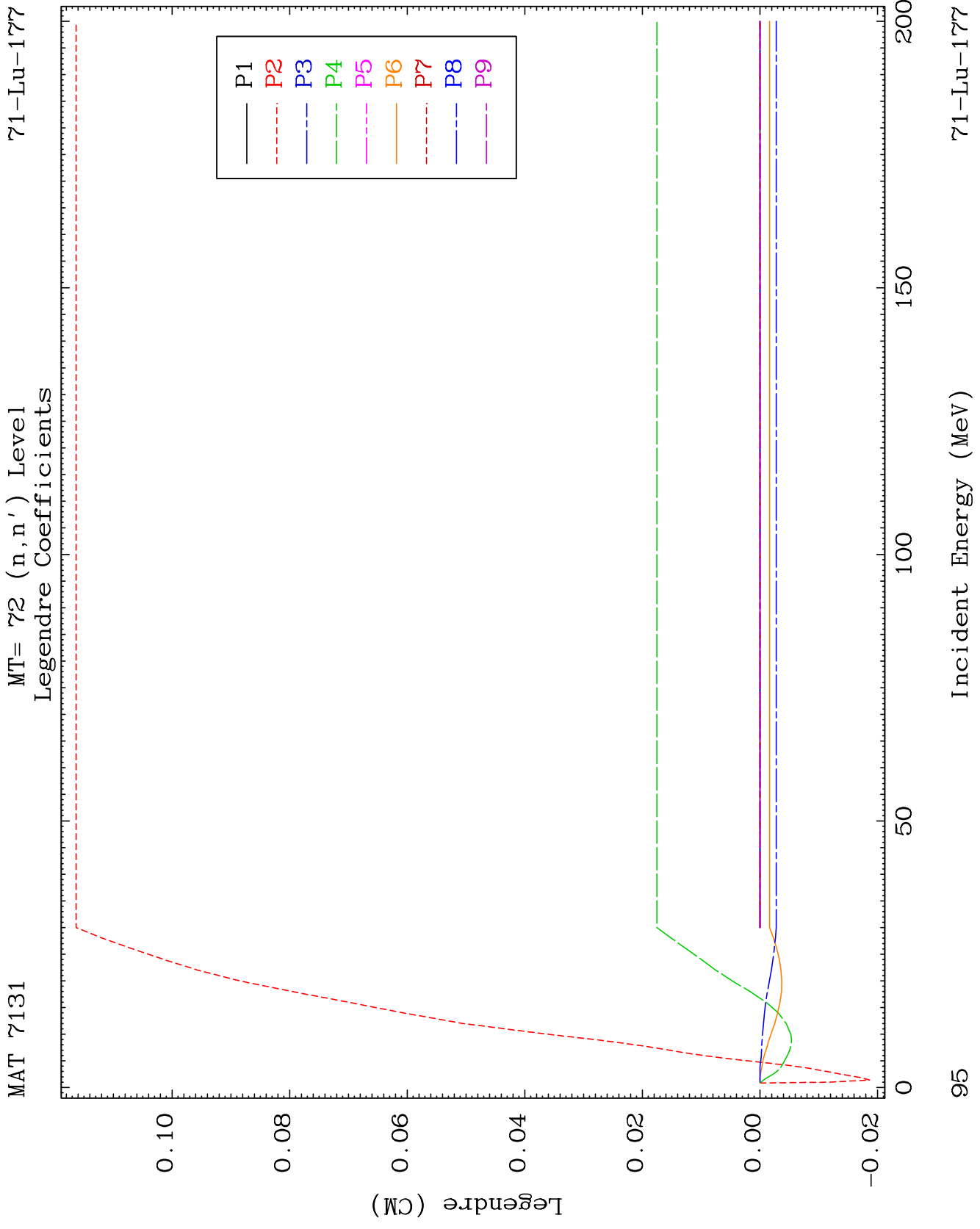
71-Lu-177



93

71-Lu-177

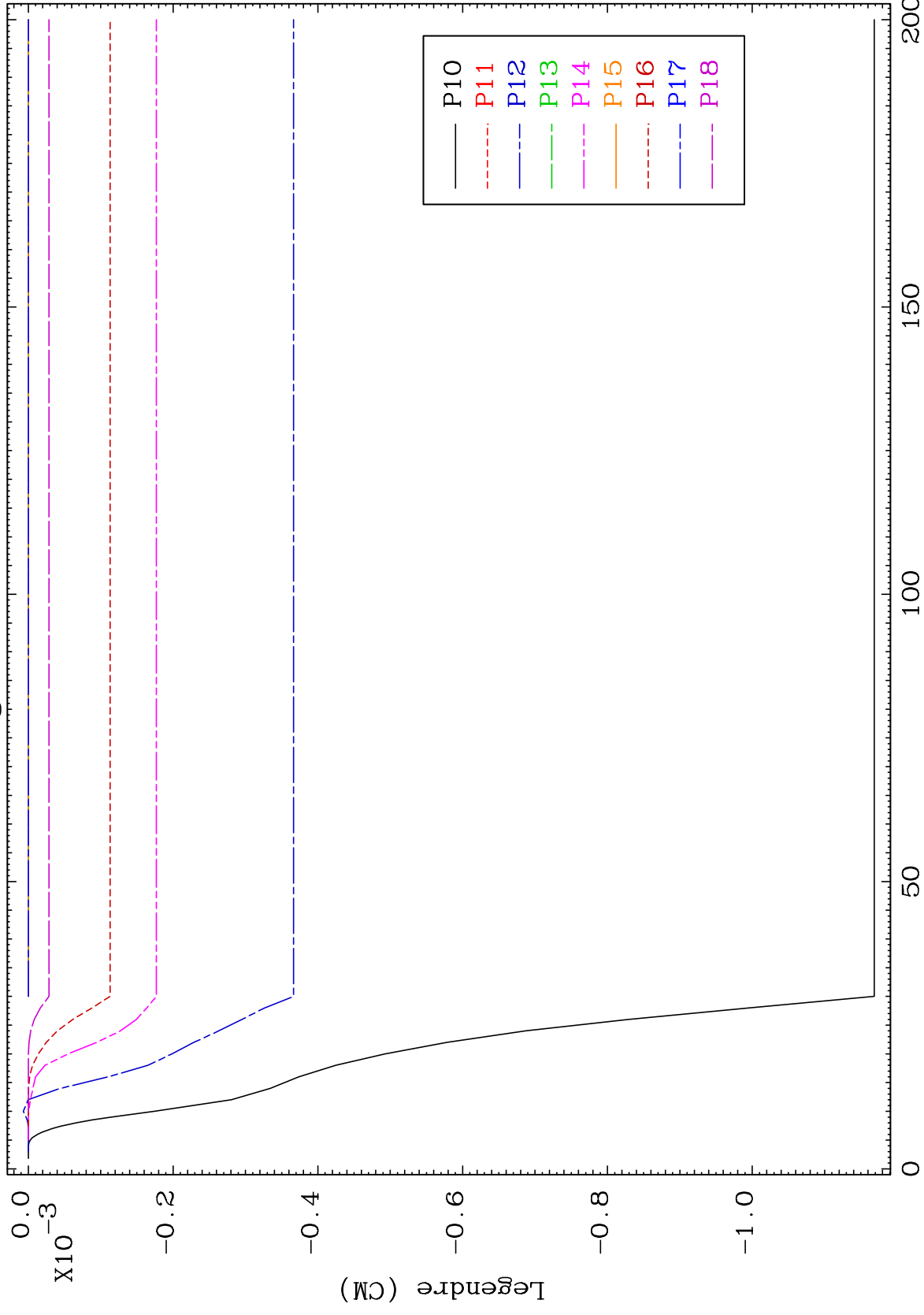




MAT 7131

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

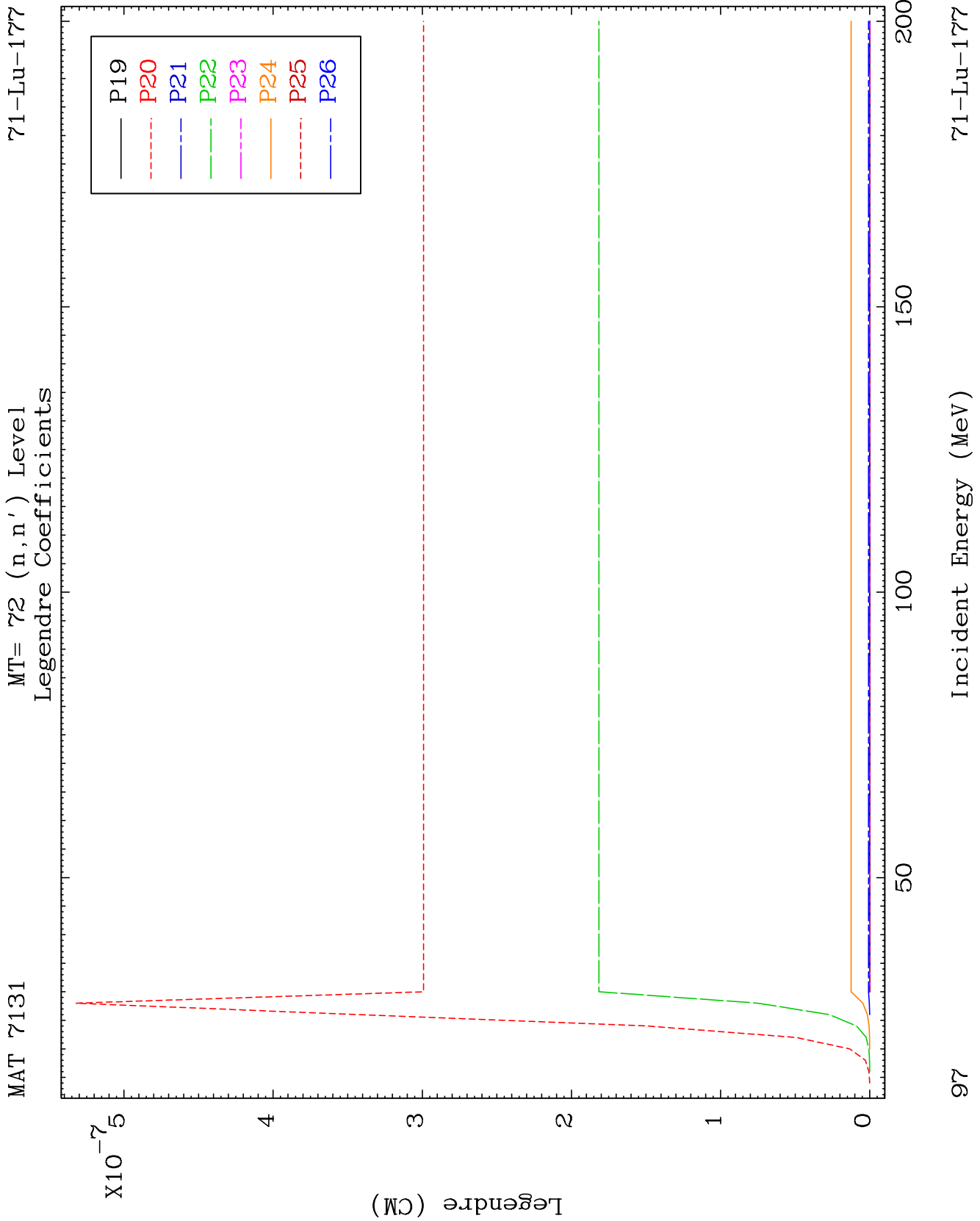
71-Lu-177



96

Incident Energy (MeV)

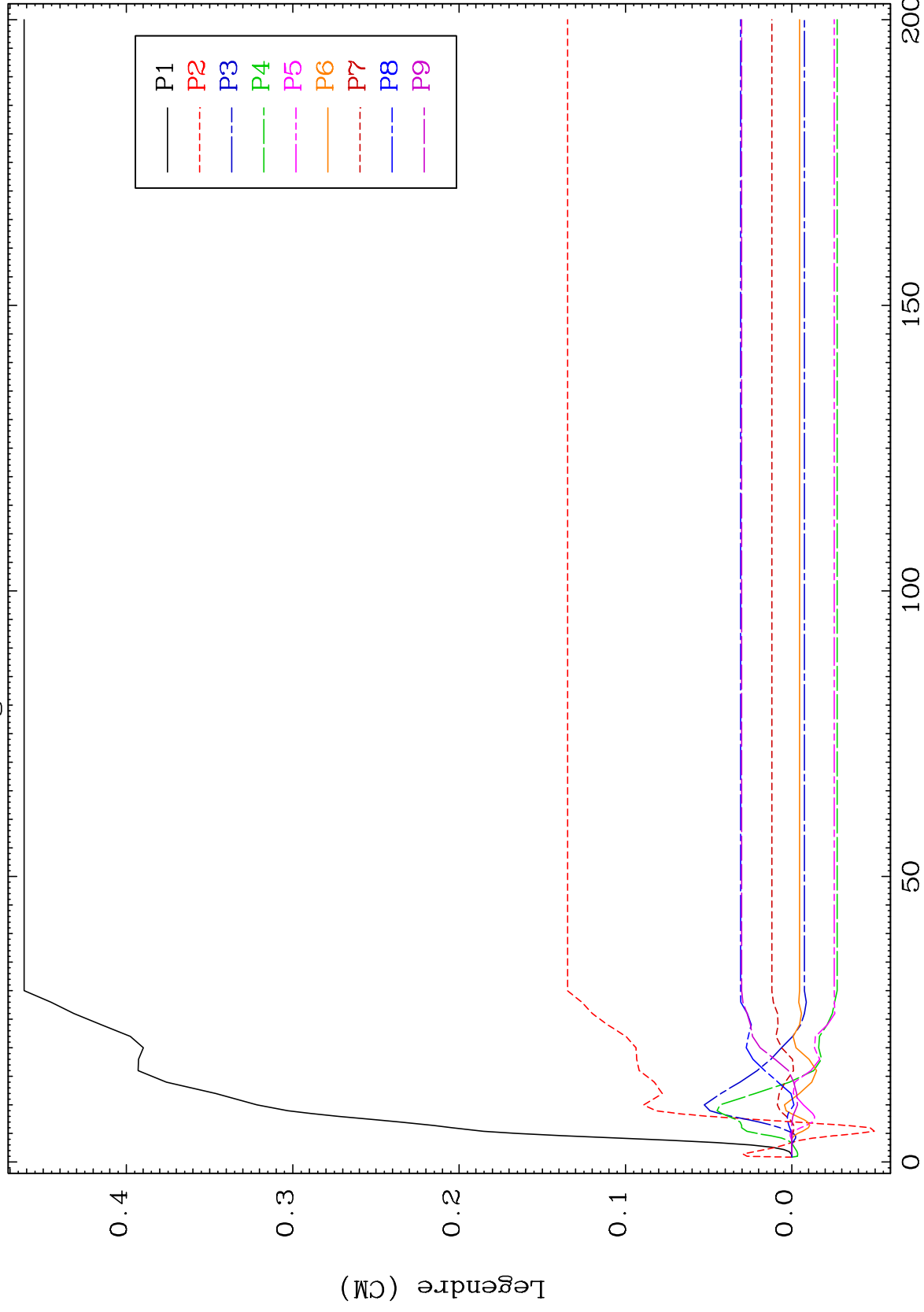
71-Lu-177



MAT 7131

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

71-Lu-177



98

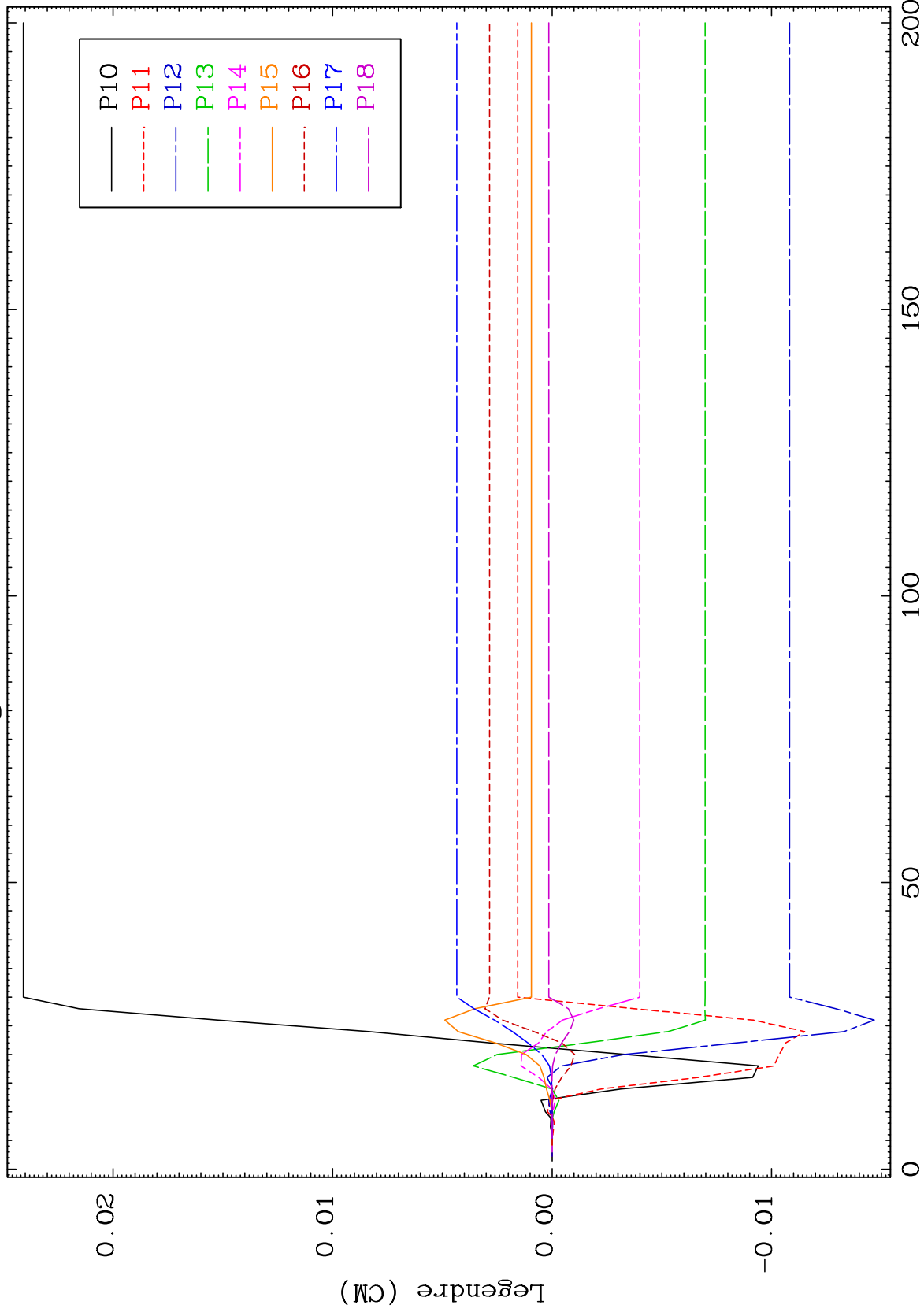
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



99

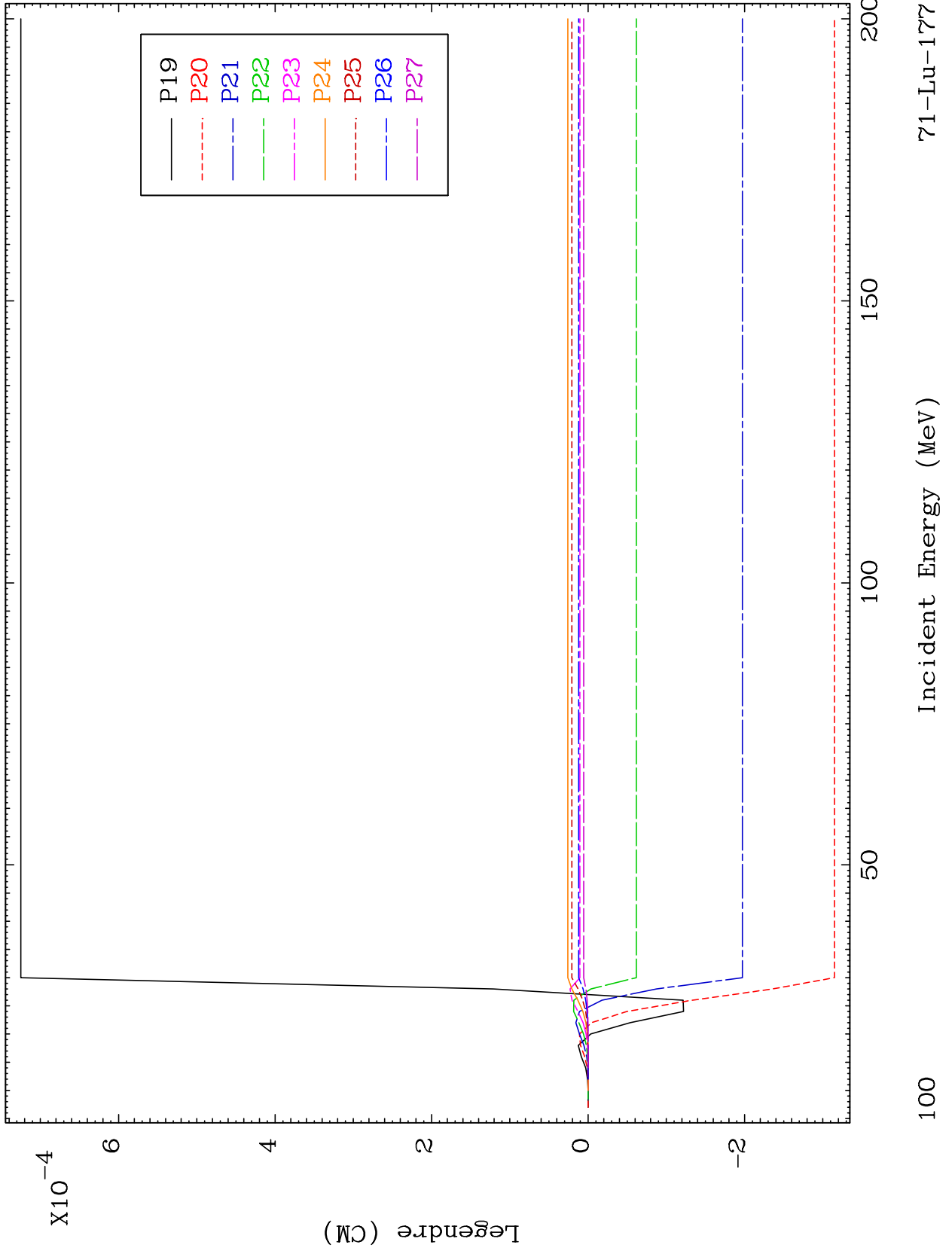
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



100

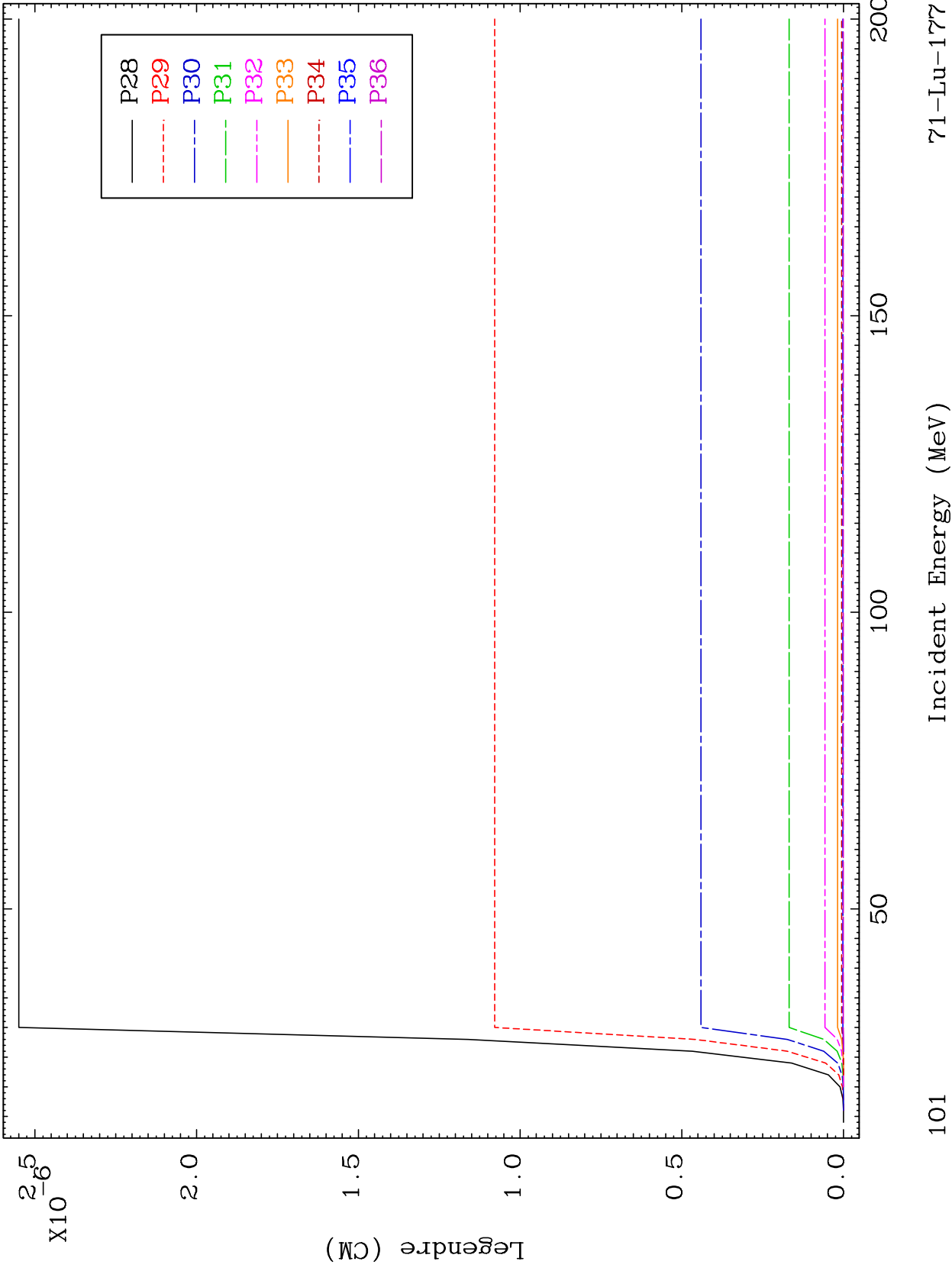
Incident Energy (MeV)

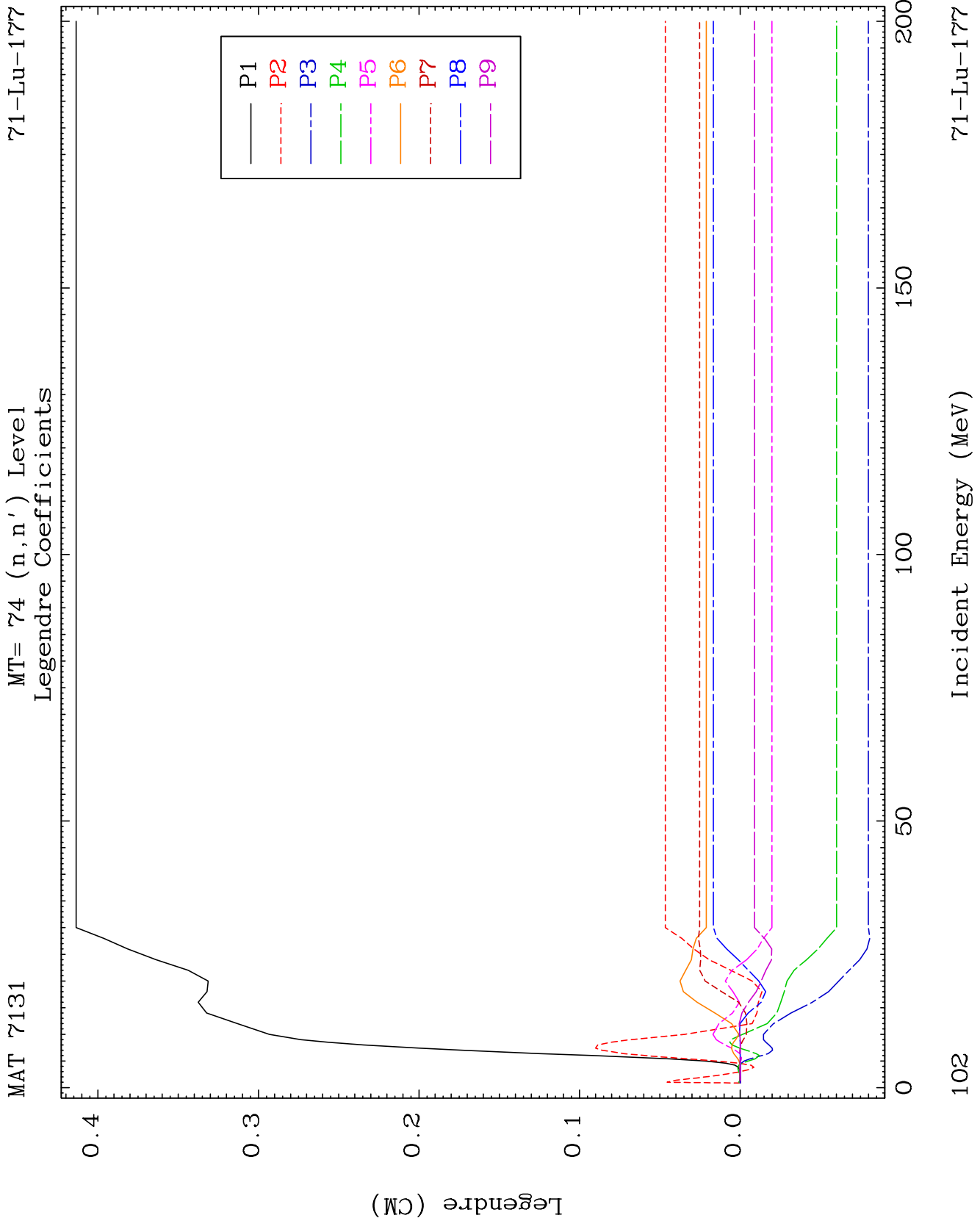
71-Lu-177

MAT 7131

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

71-Lu-177

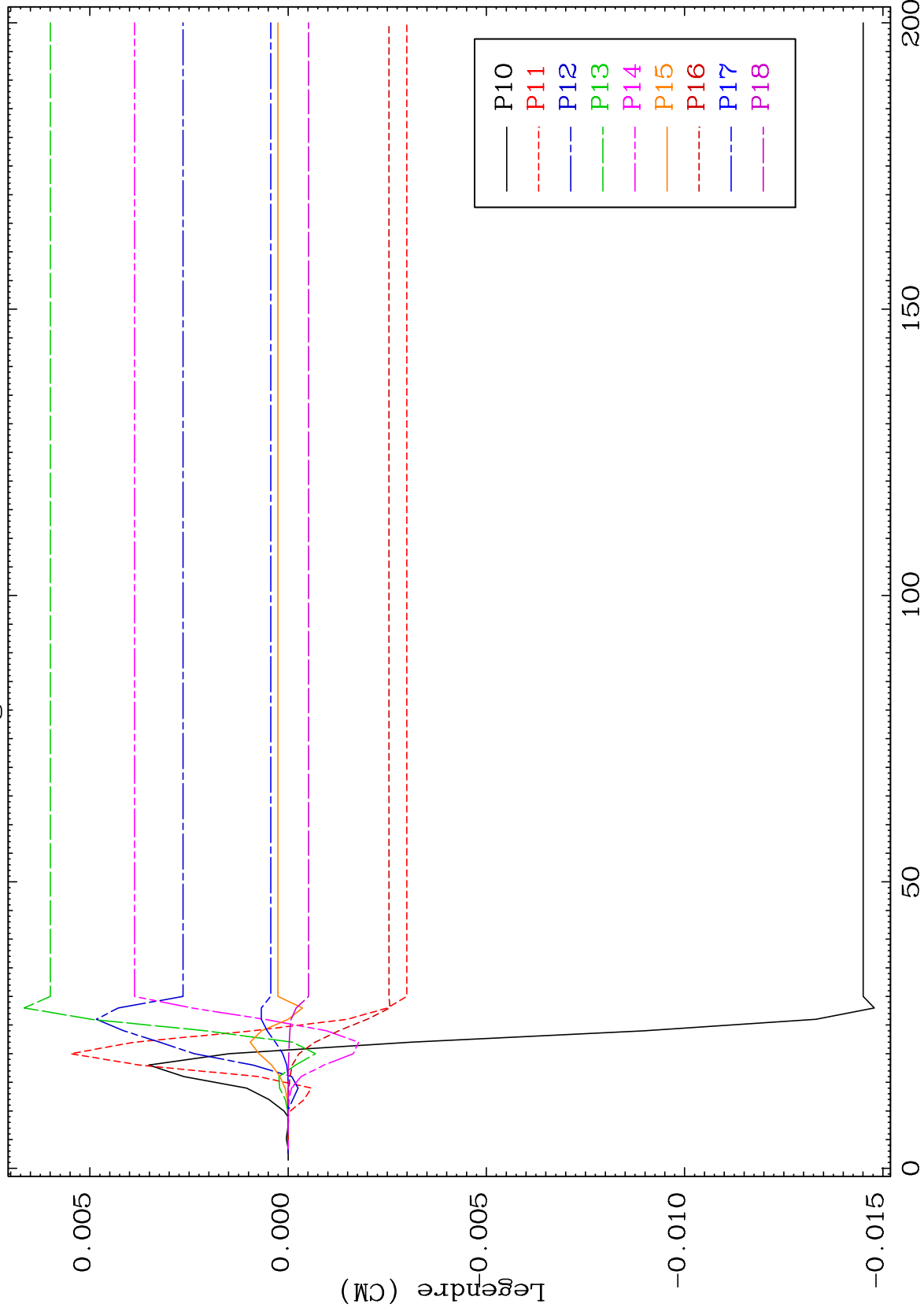




MAT 7131

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

71-Lu-177



103

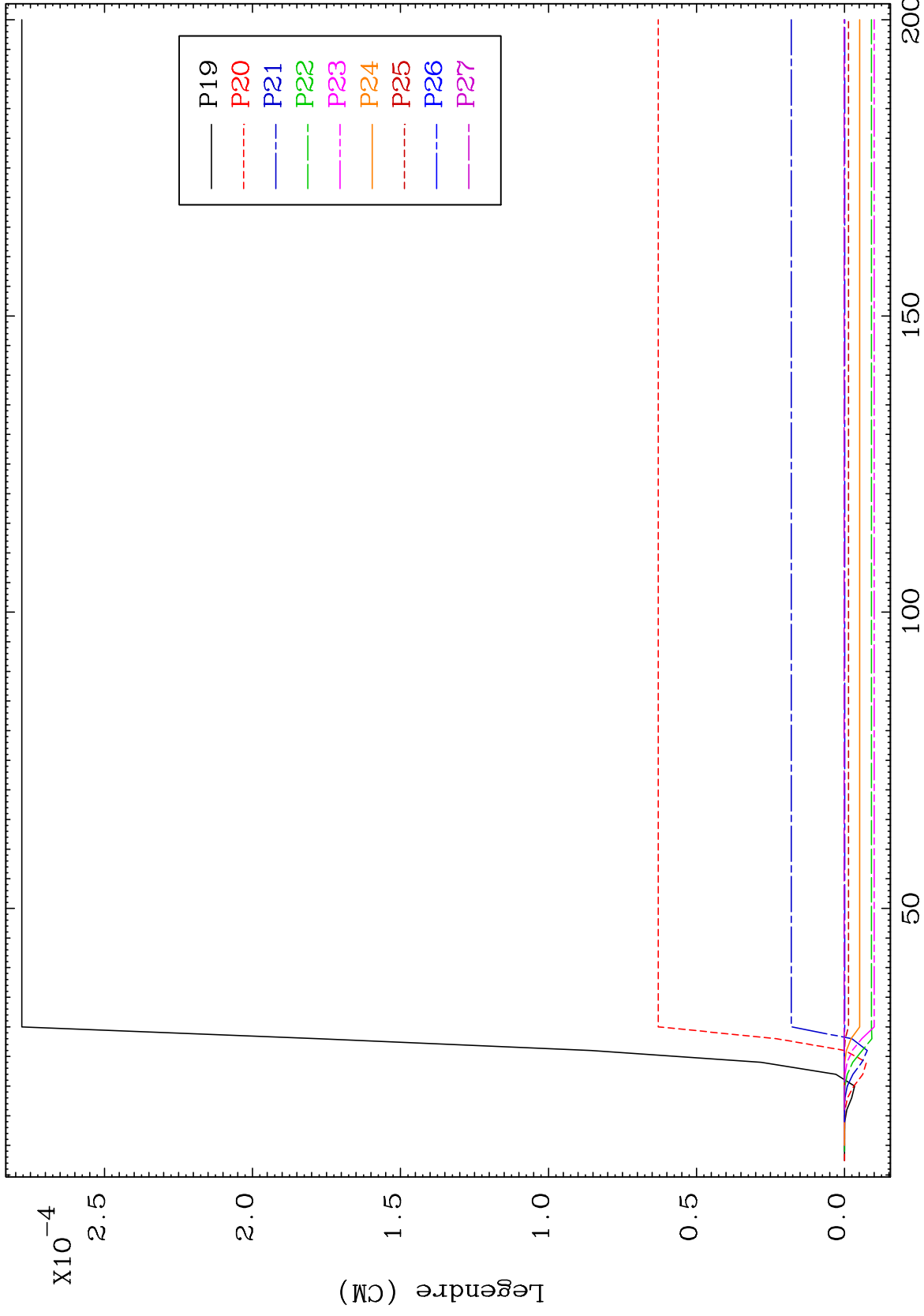
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



104

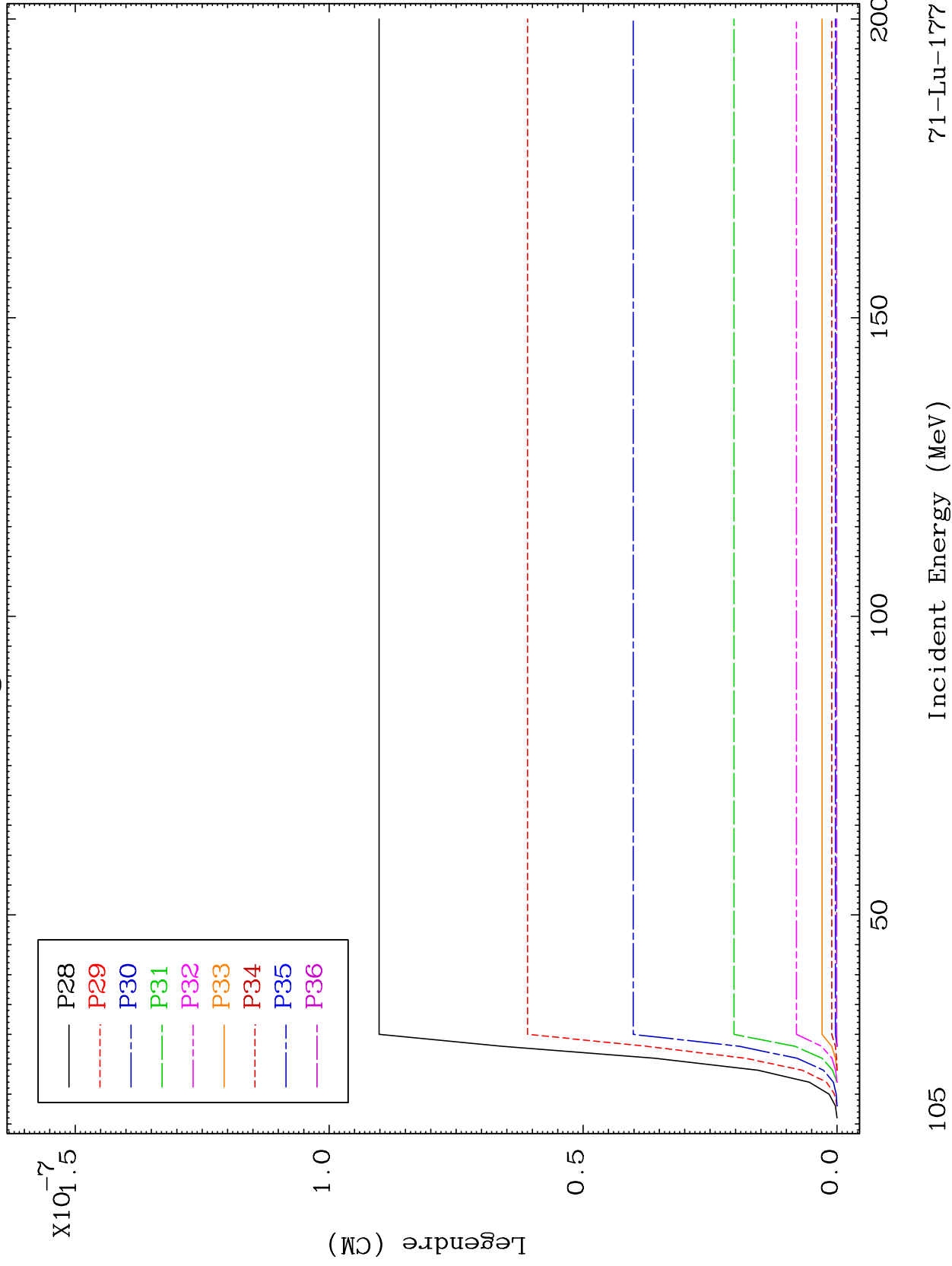
Incident Energy (MeV)

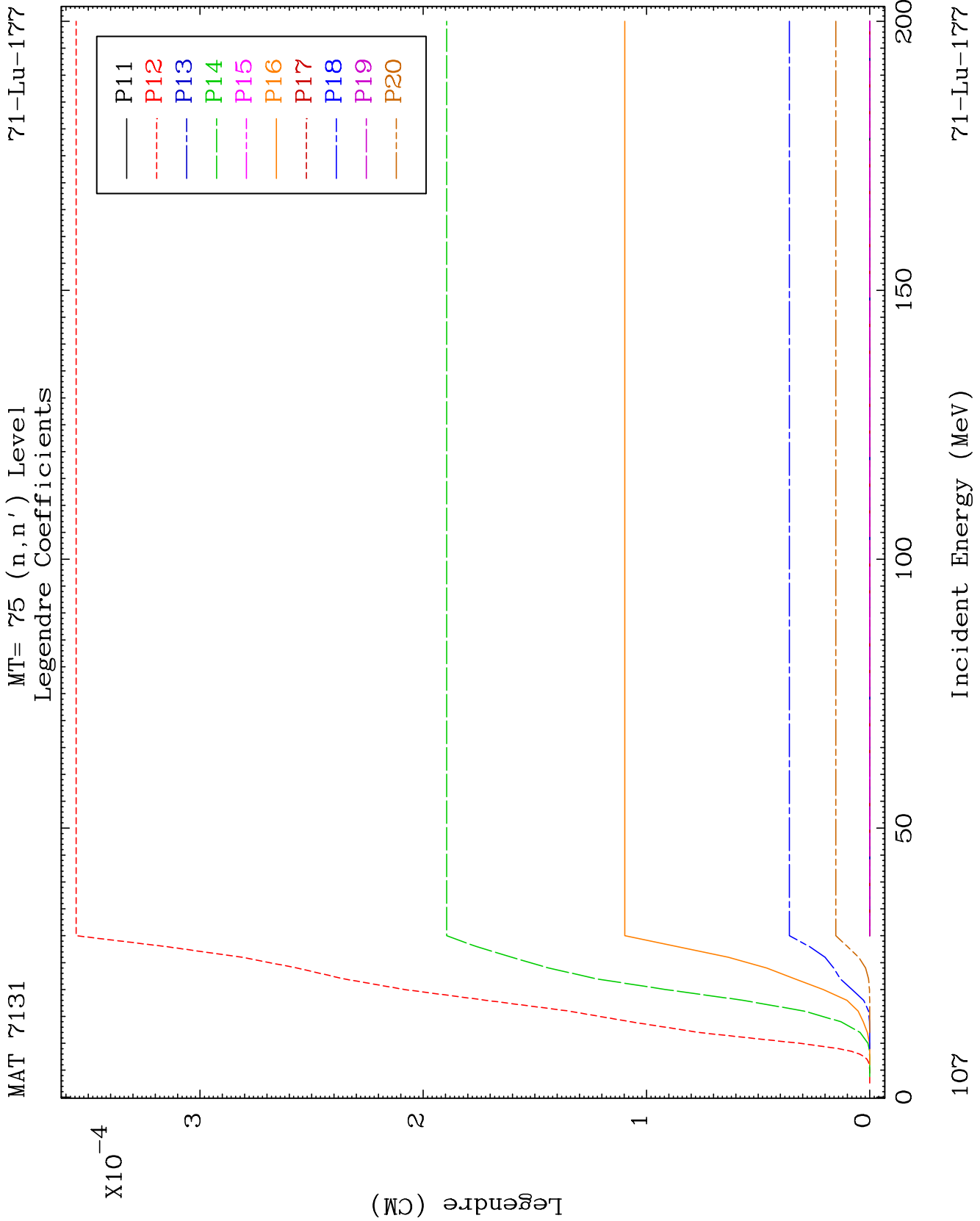
71-Lu-177

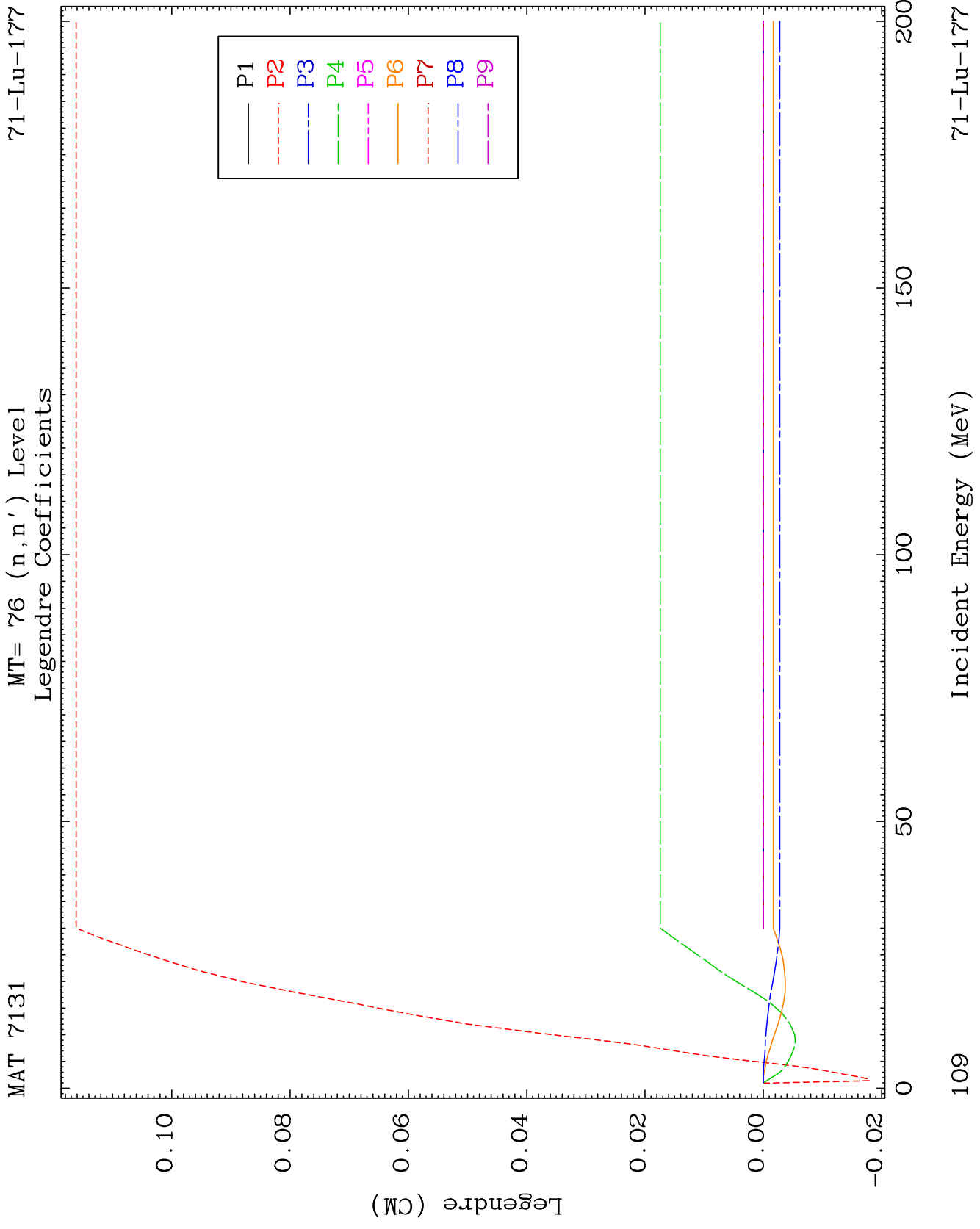
MAT 7131

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

71-Lu-177



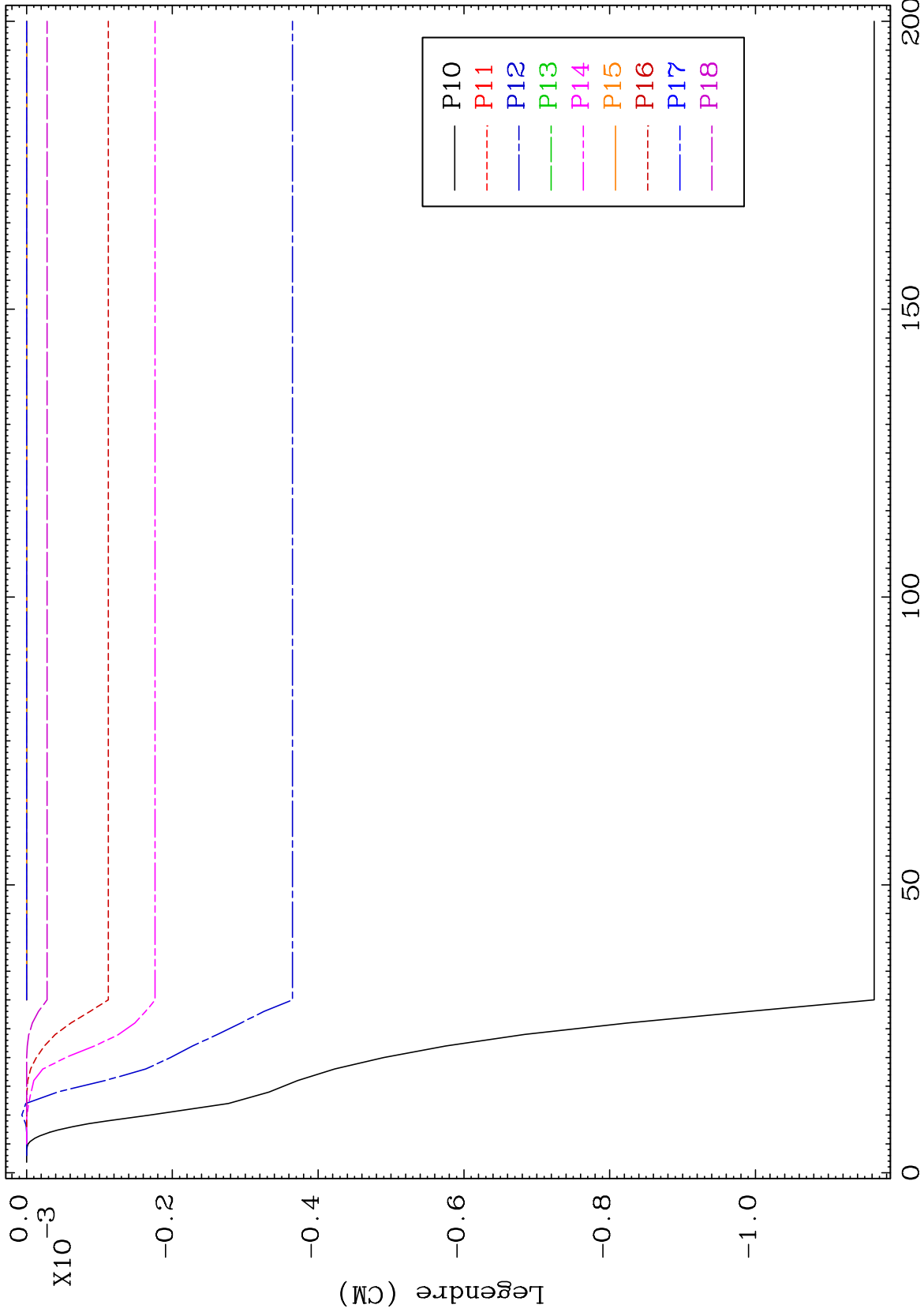




MAT 7131

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

71-Lu-177



110

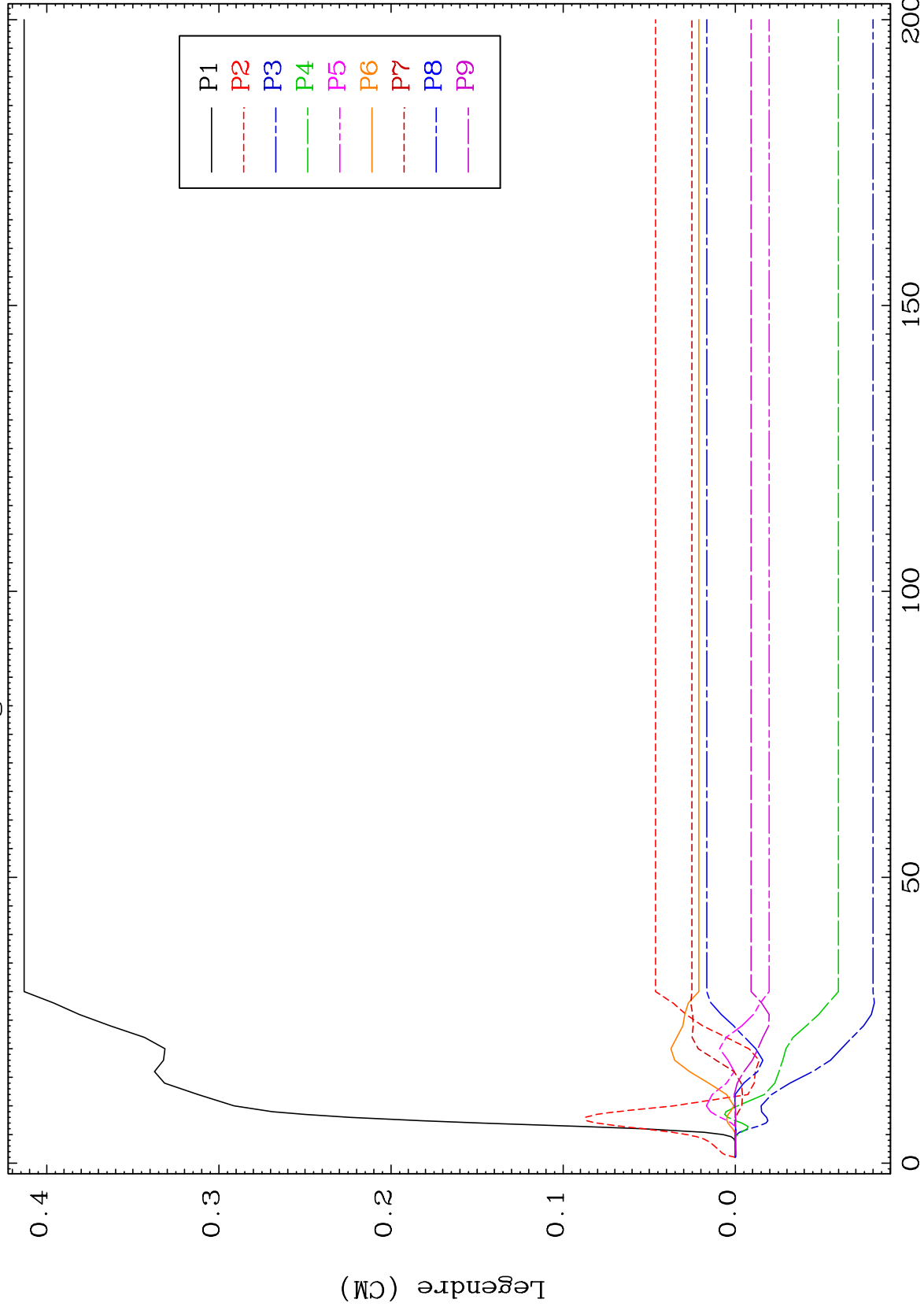
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



112

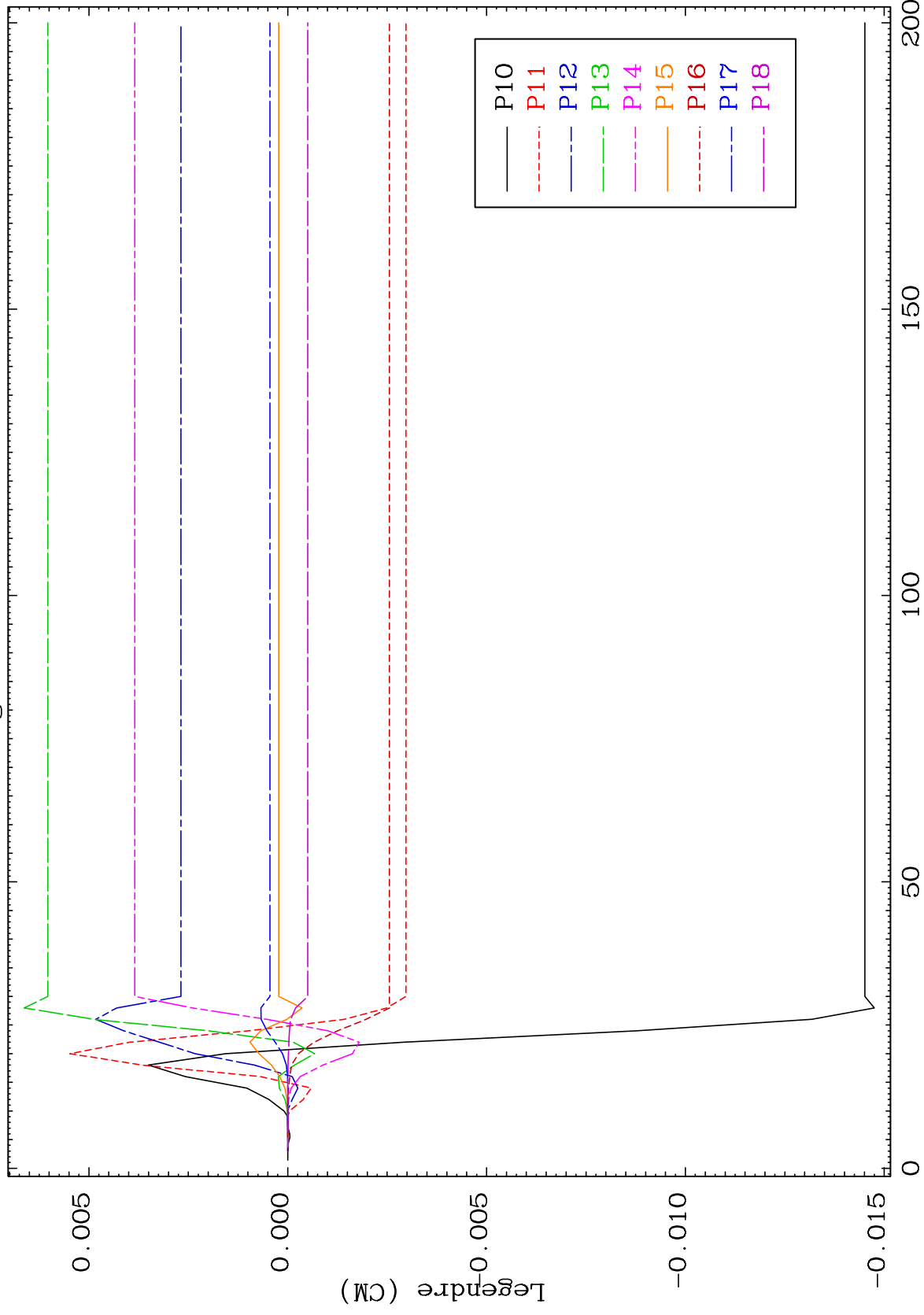
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



113

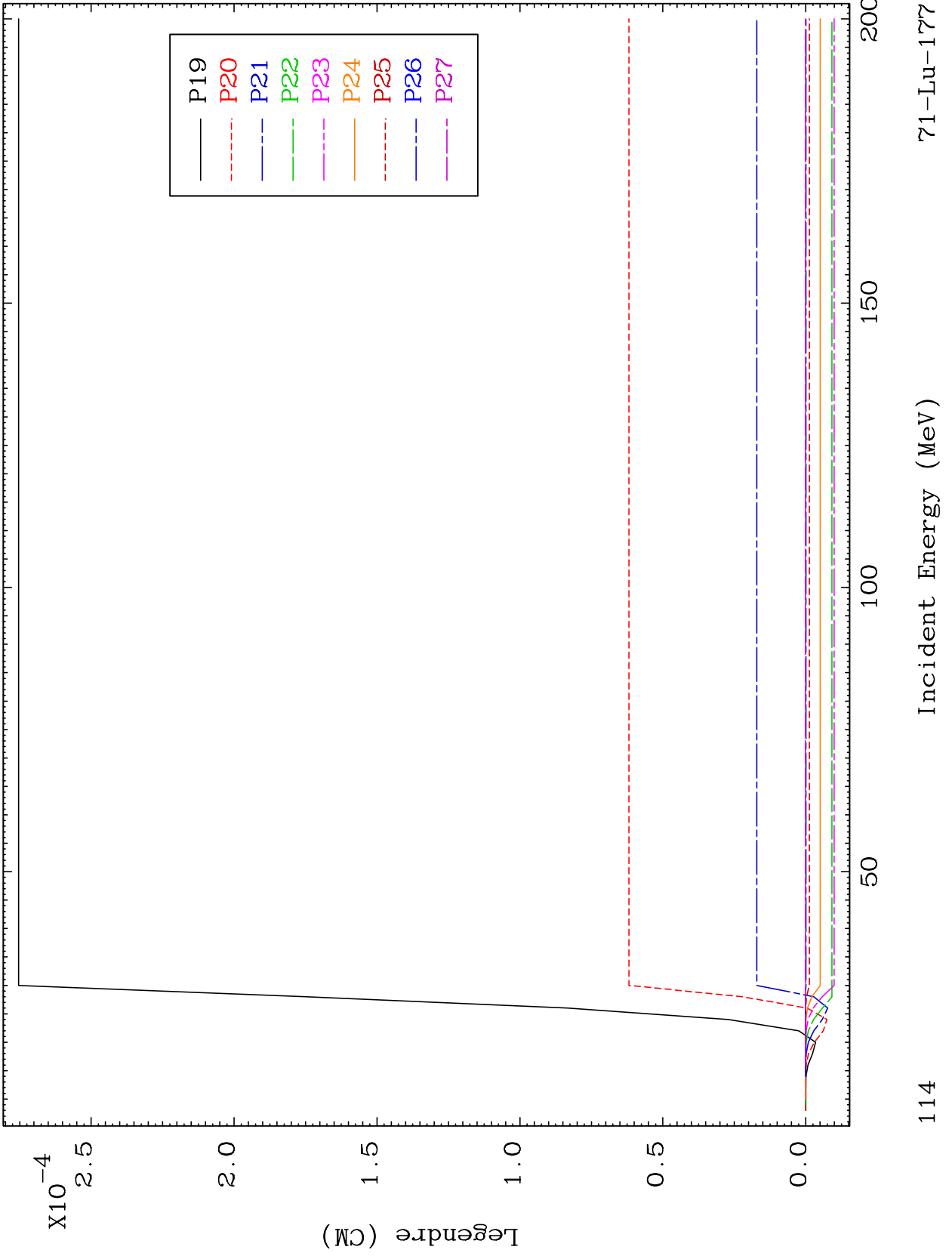
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



114

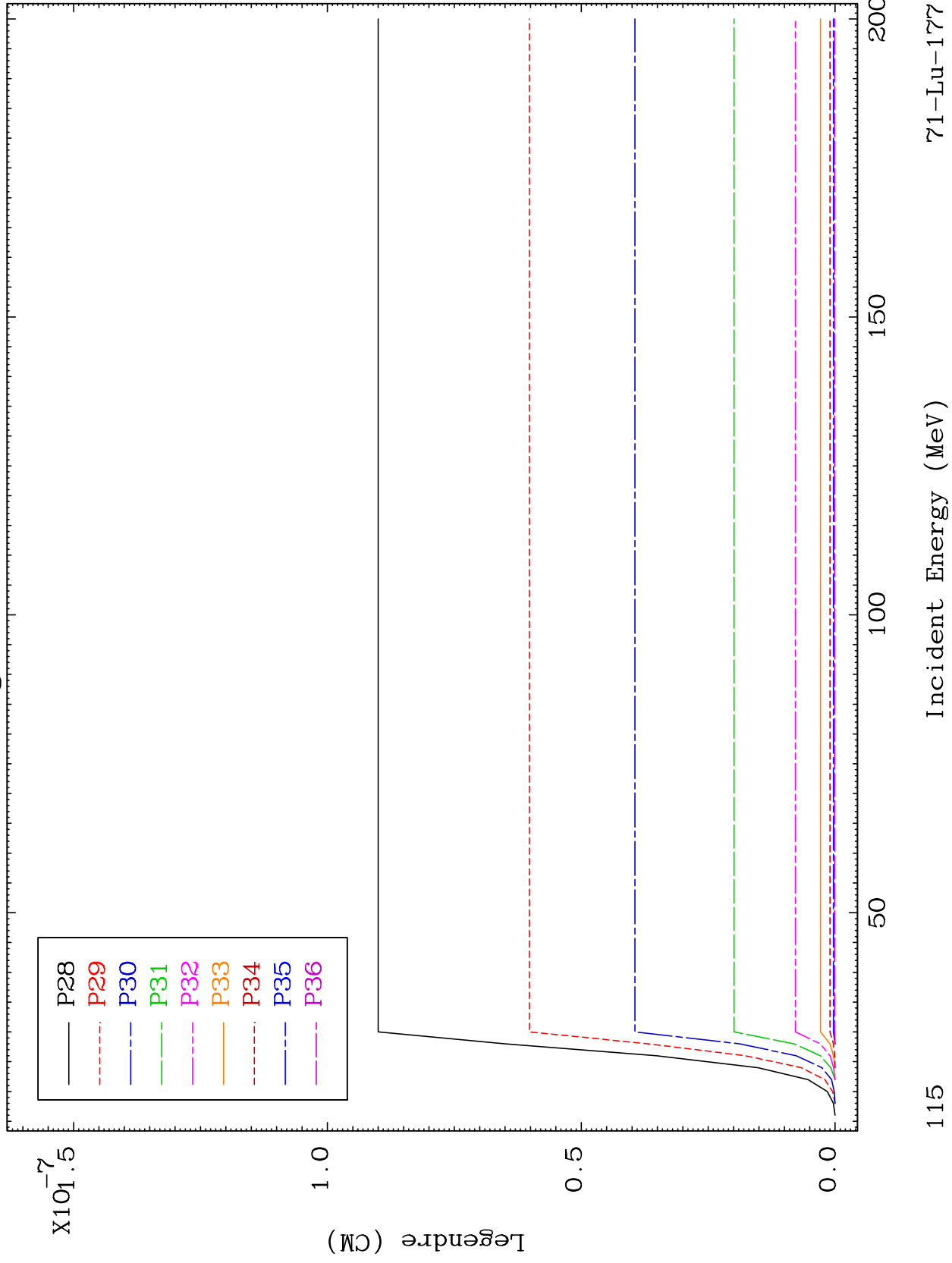
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

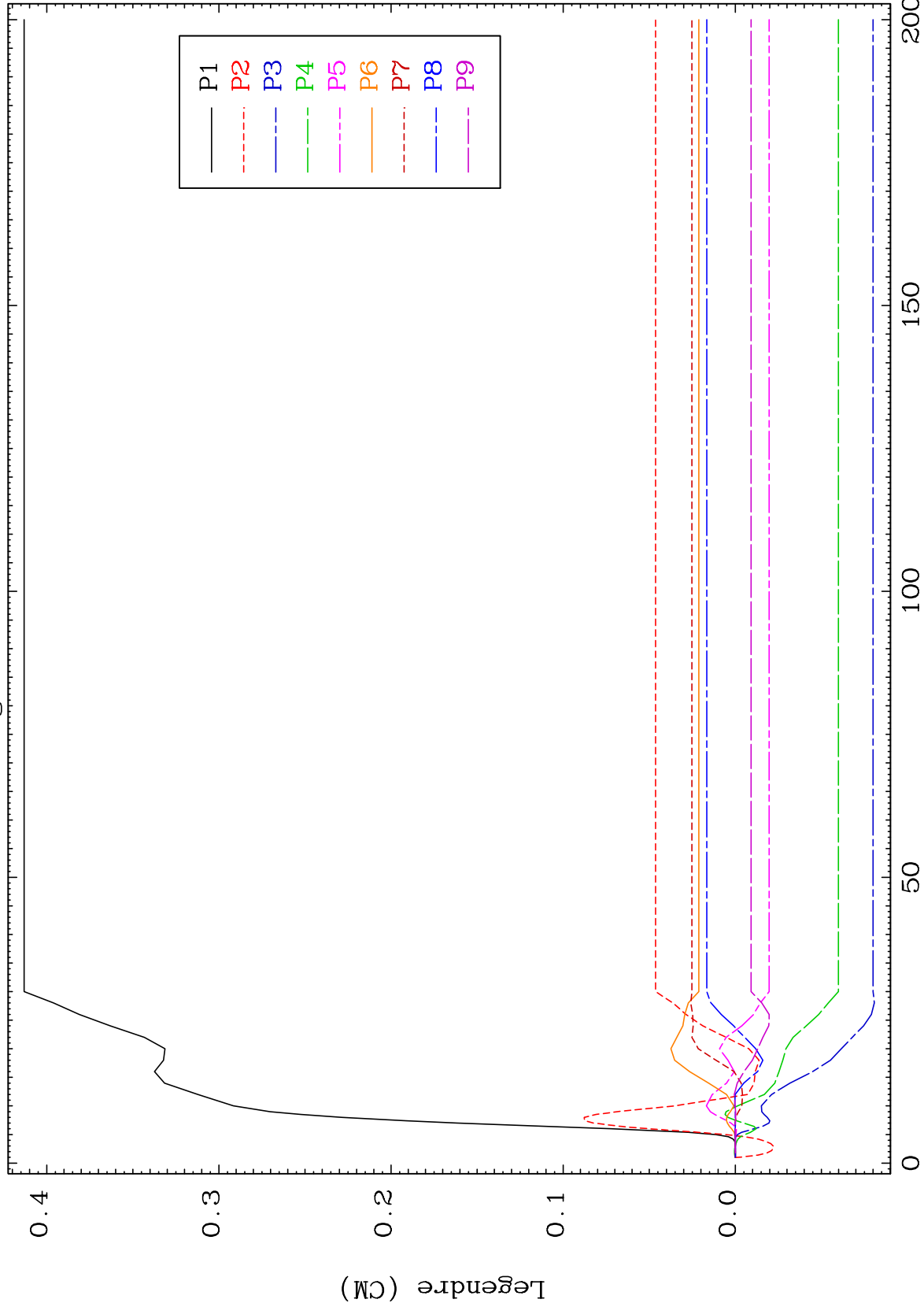
71-Lu-177



MAT 7131

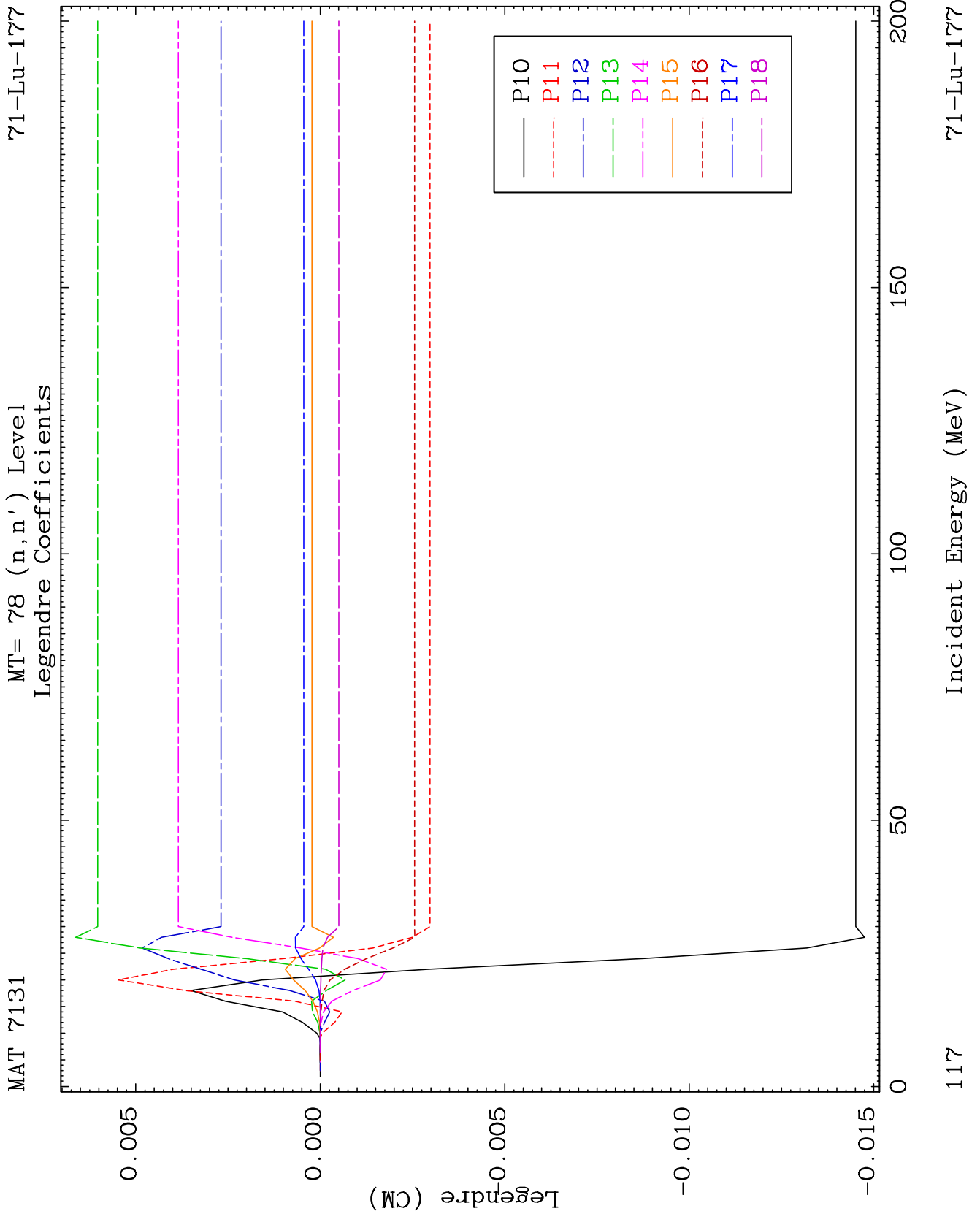
MT= 78 (n,n') Level
Legendre Coefficients

71-Lu-177



116

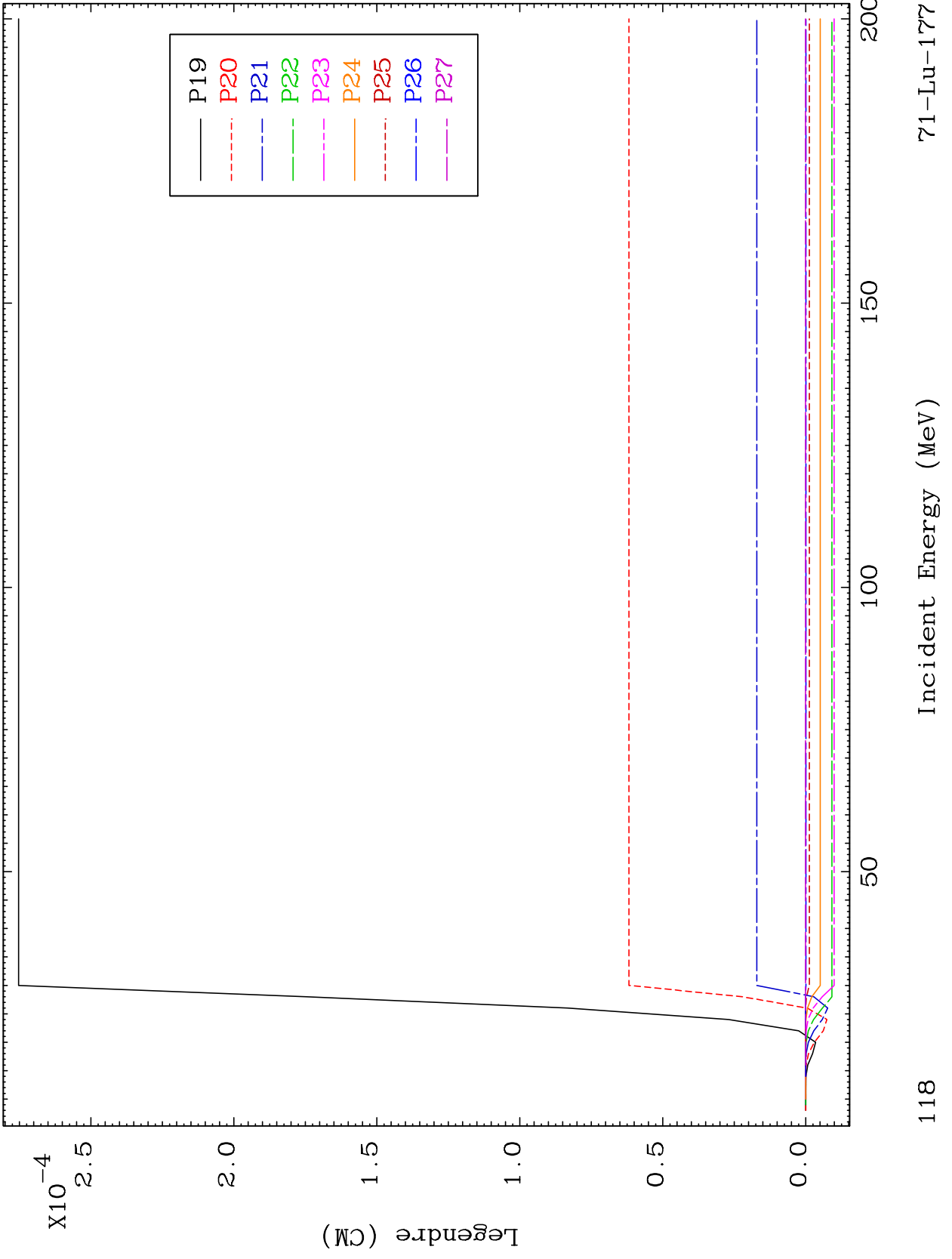
71-Lu-177



MAT 7131

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

71-Lu-177



118

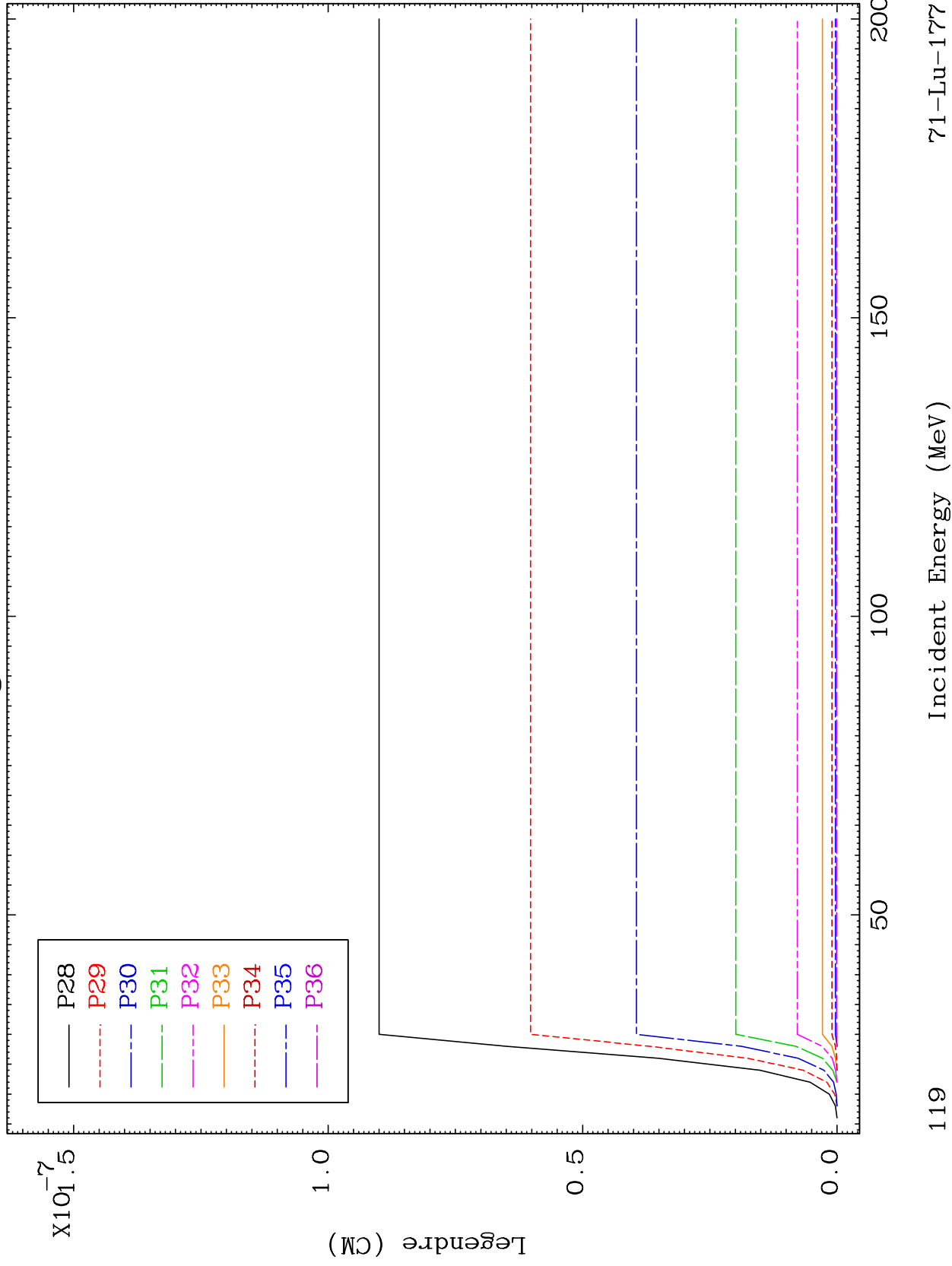
Incident Energy (MeV)

71-Lu-177

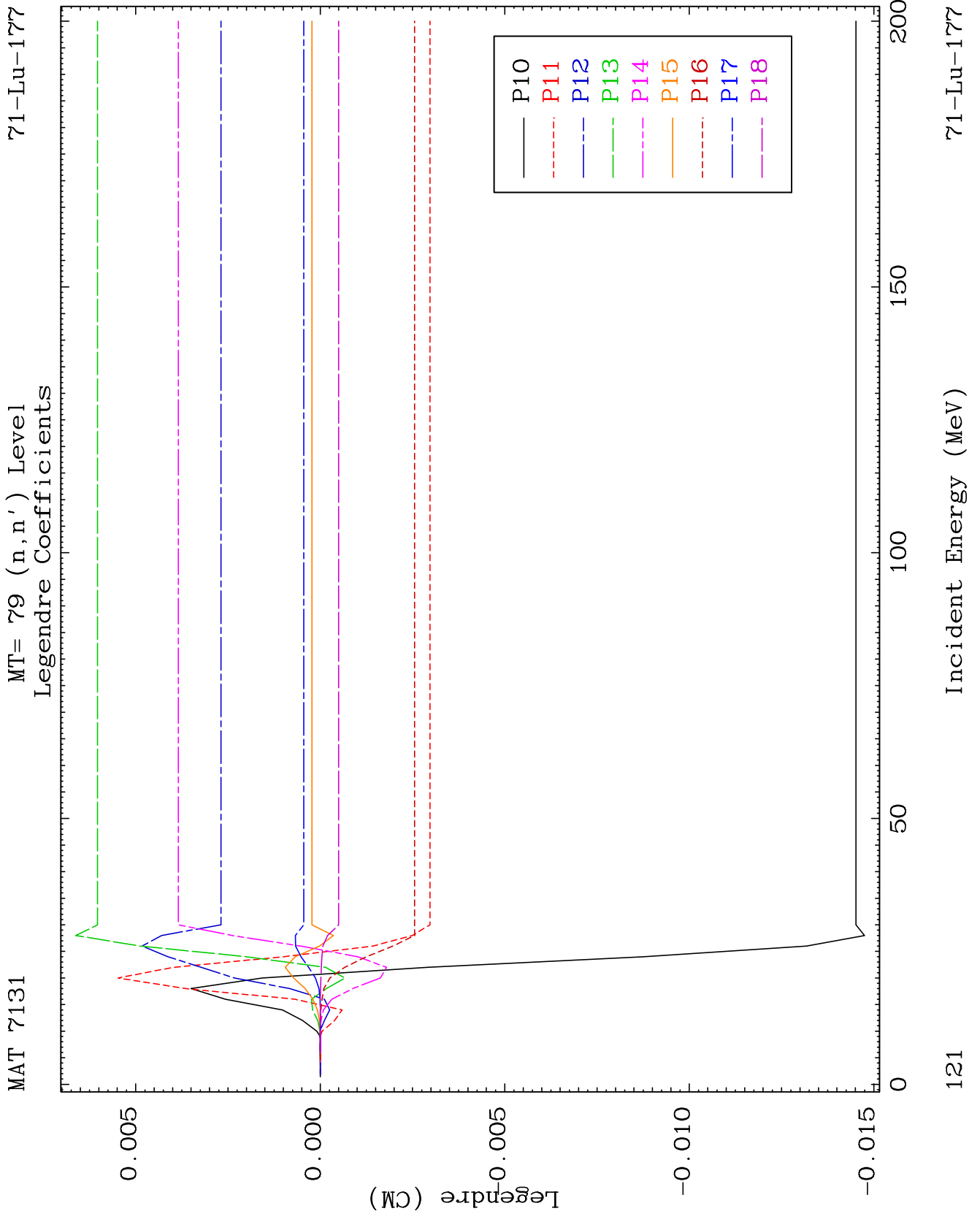
MAT 7131

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

71-Lu-177



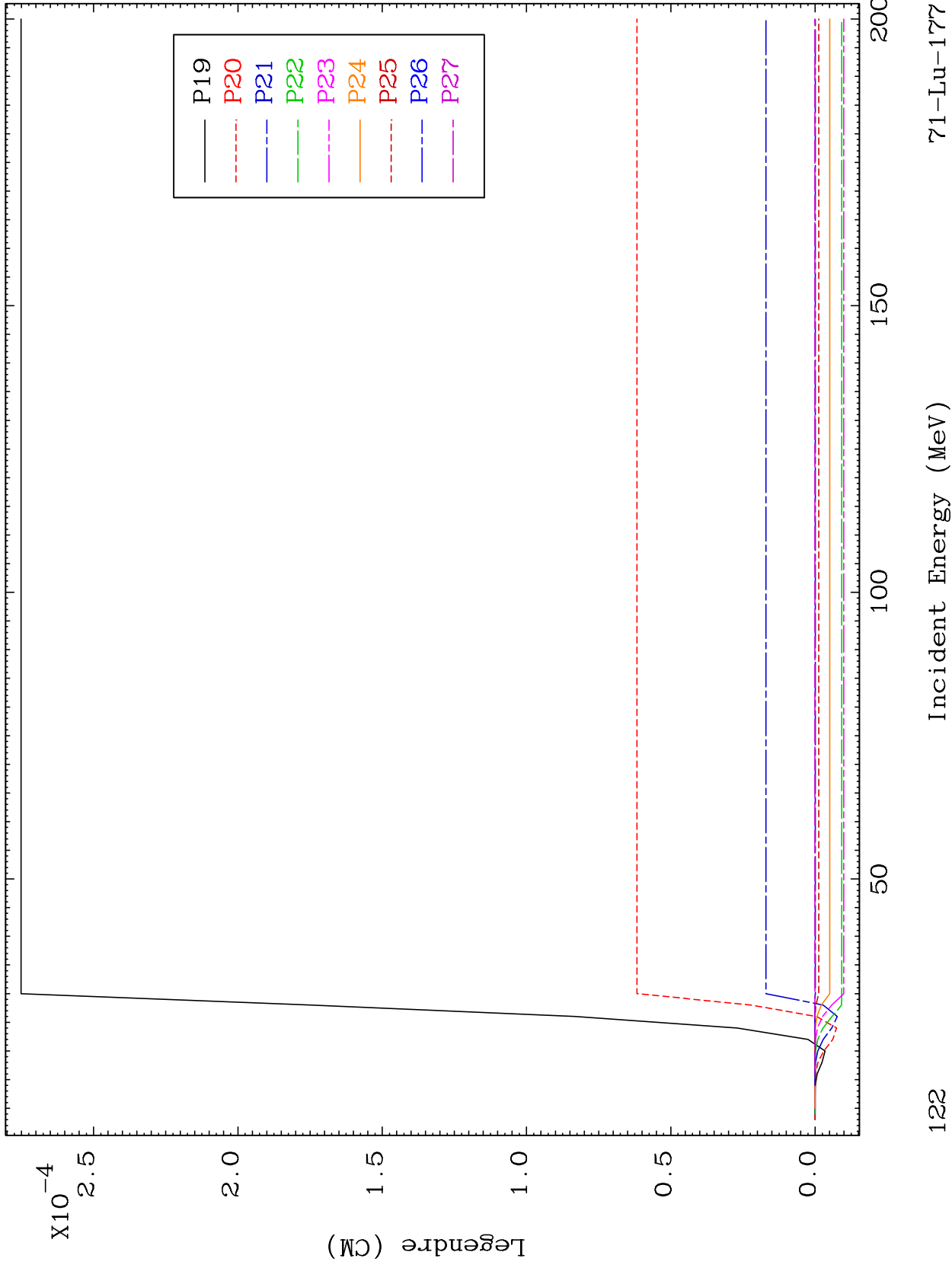
119



MAT 7131

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

71-Lu-177



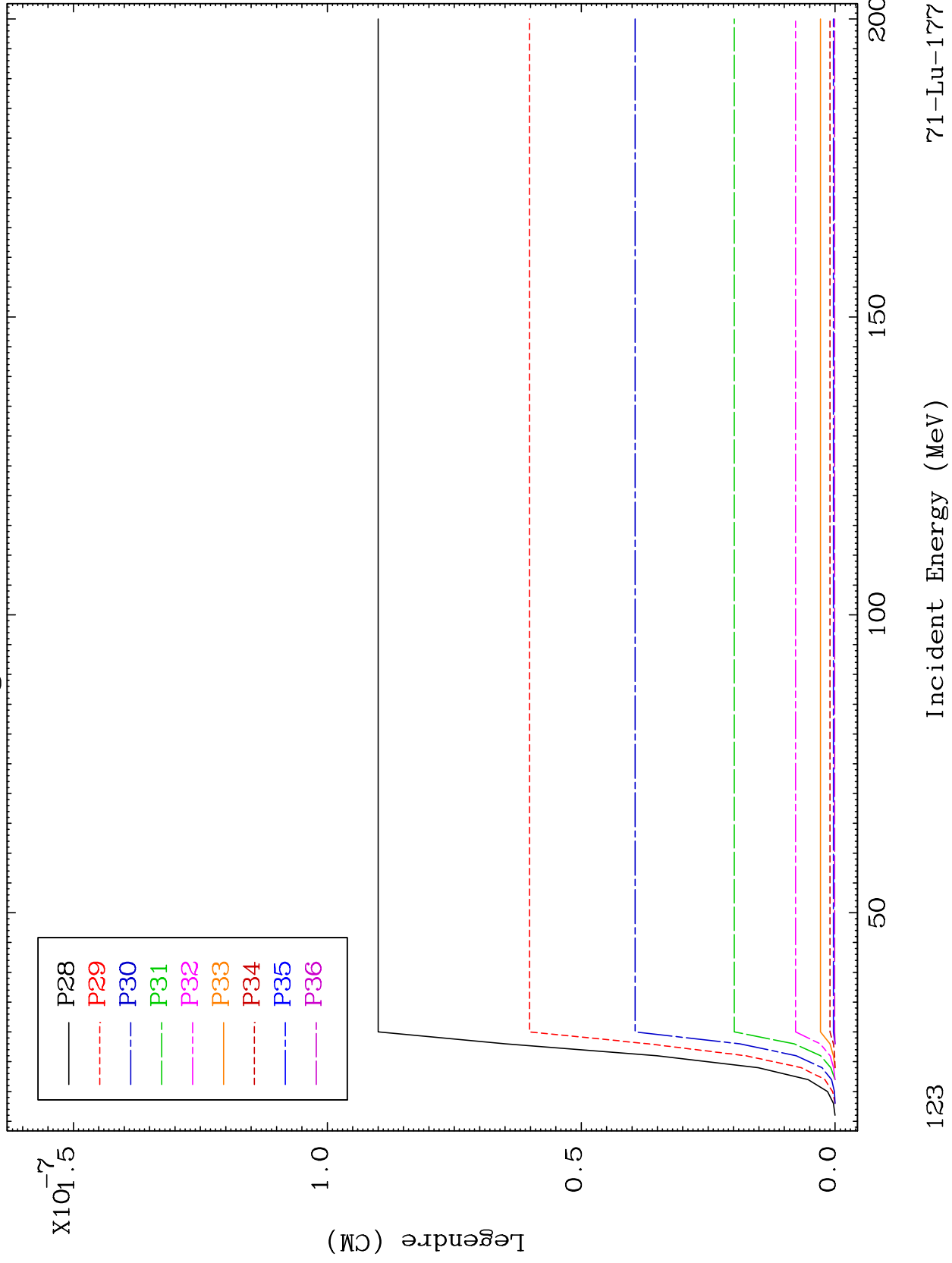
122

71-Lu-177

MAT 7131

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

71-Lu-177

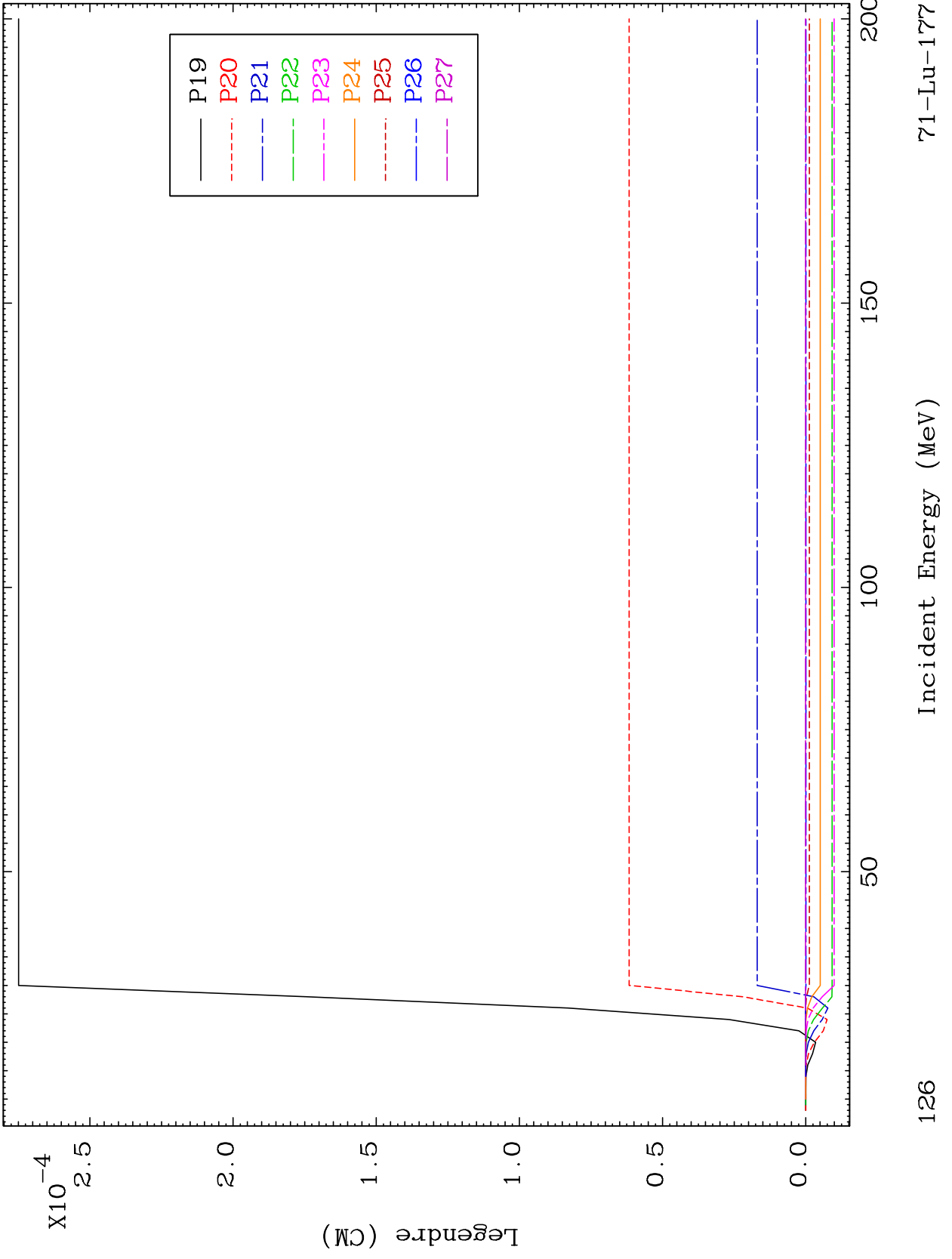


123

MAT 7131

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

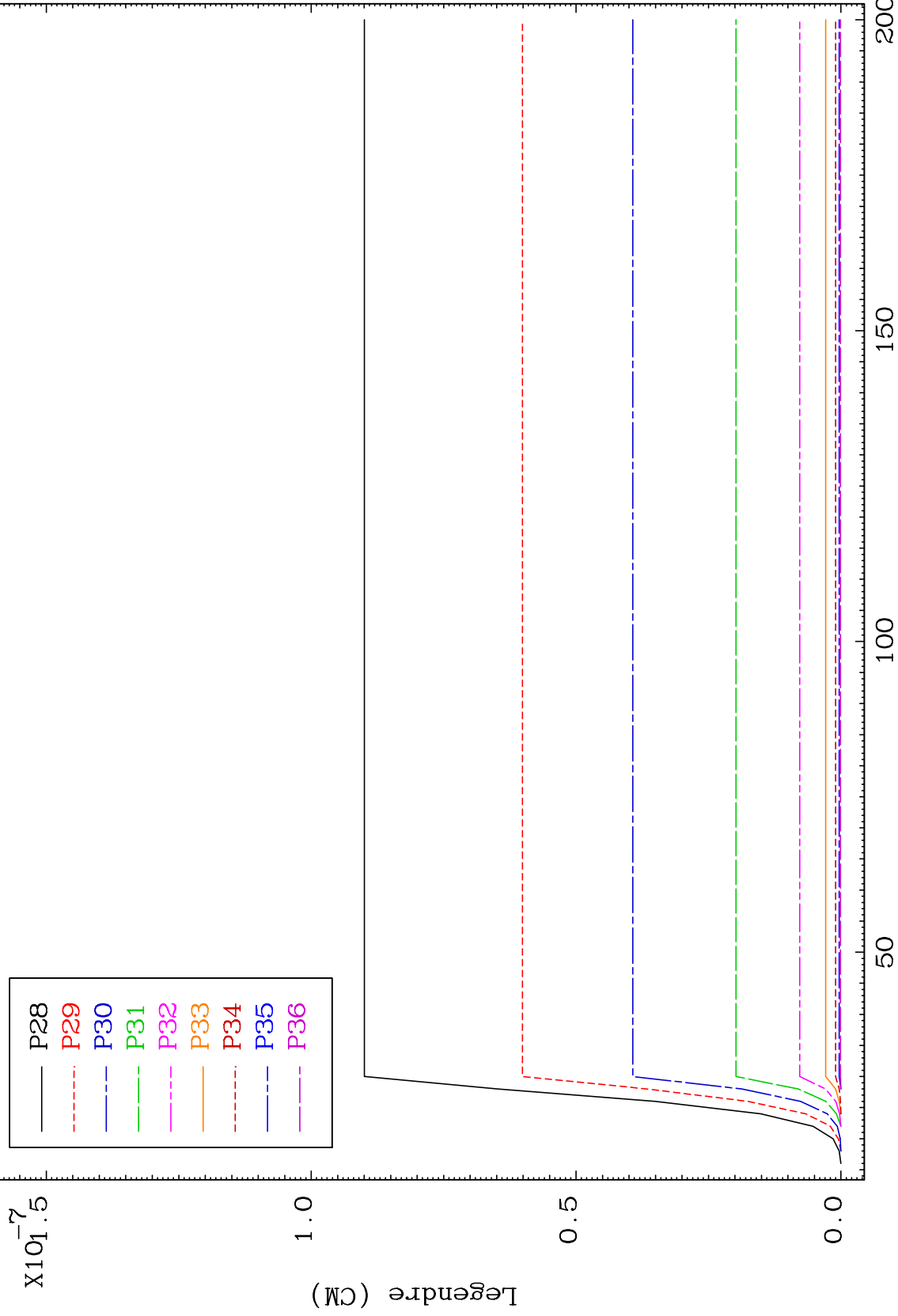
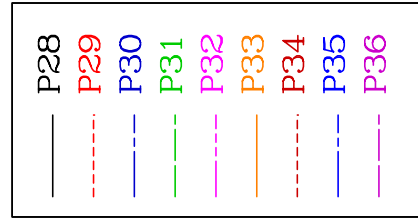
71-Lu-177



MAT 7131

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

71-Lu-177



127

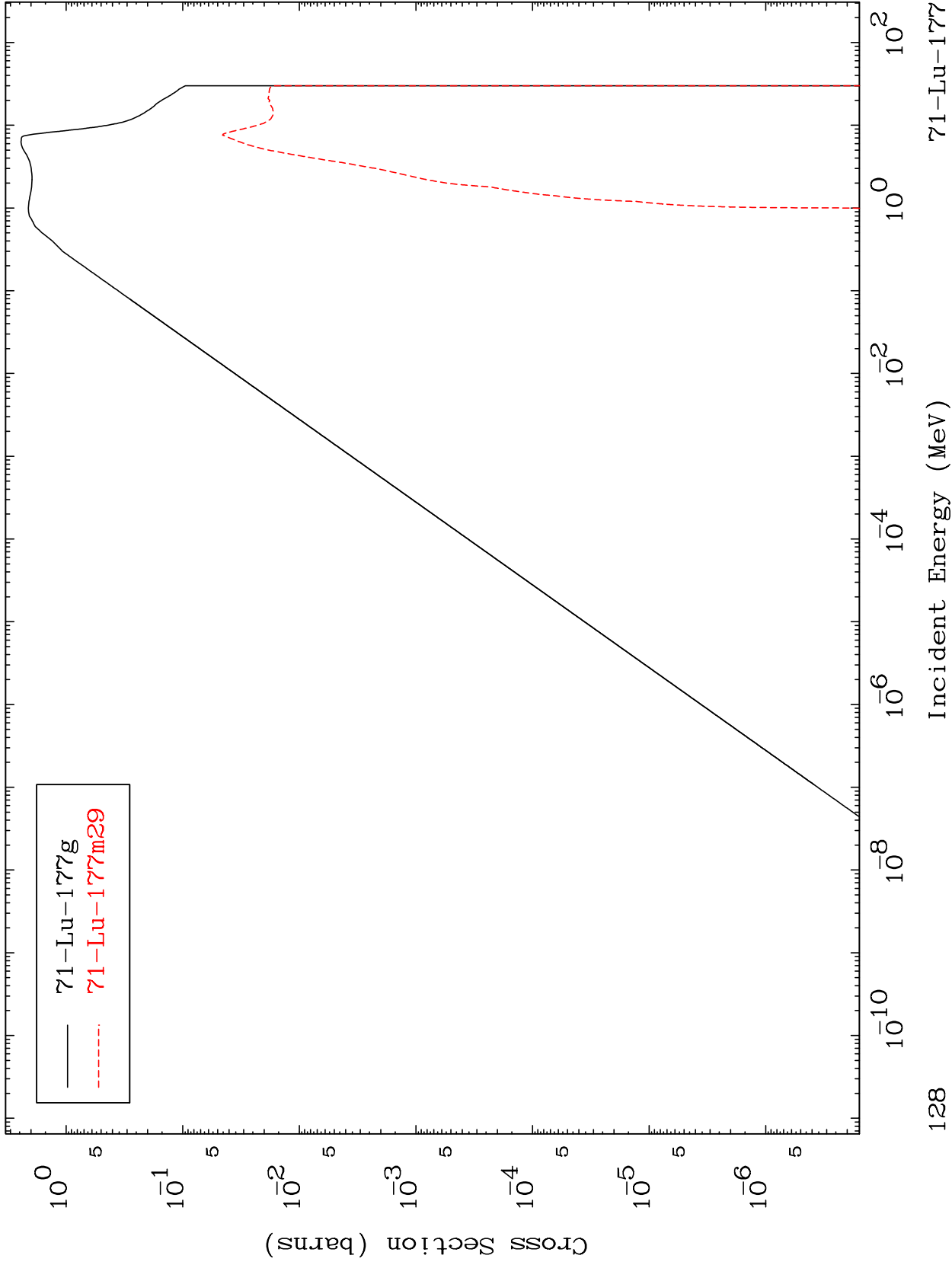
Incident Energy (MeV)

71-Lu-177

MAT 7131

Inelastic
Radionuclide Production Cross Section

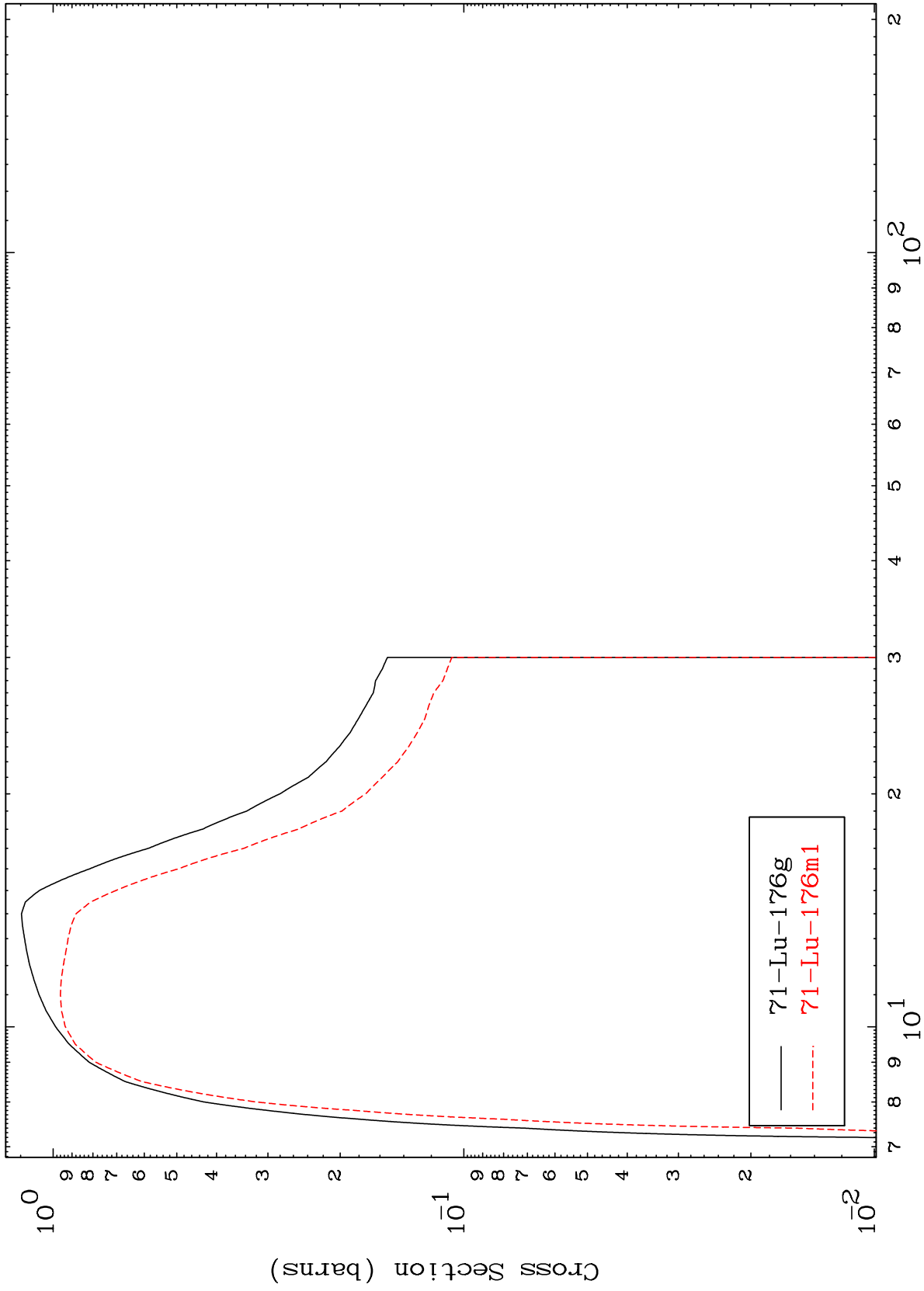
71-Lu-177



MAT 7131

⁷¹Lu-177

(n,2n)
Radionuclide Production Cross Section



⁷¹Lu-177

Incident Energy (MeV)

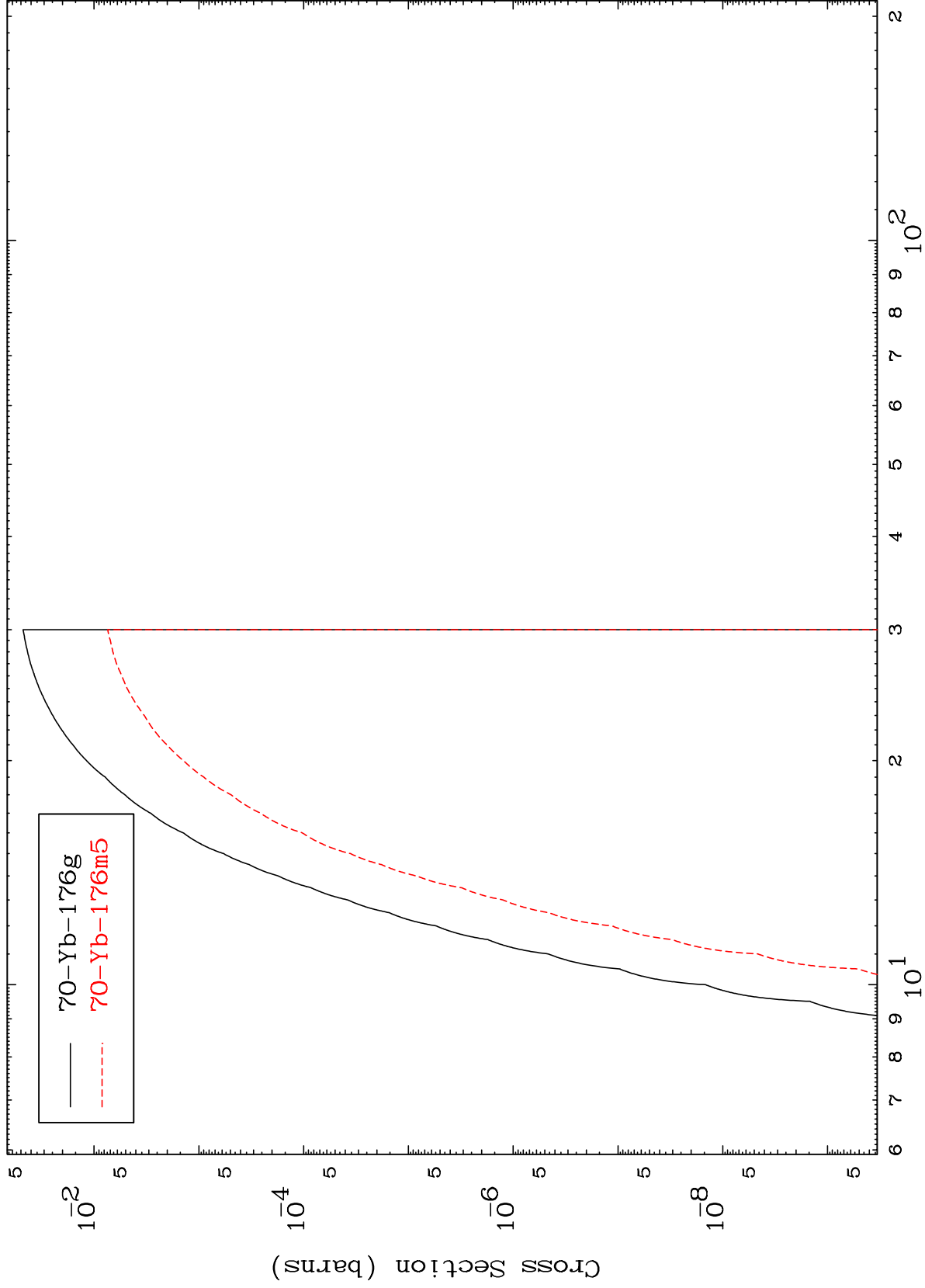
129

MAT 7131

(n,n') p

71-Lu-177

Radionuclide Production Cross Section



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

130

Incident Energy (MeV)

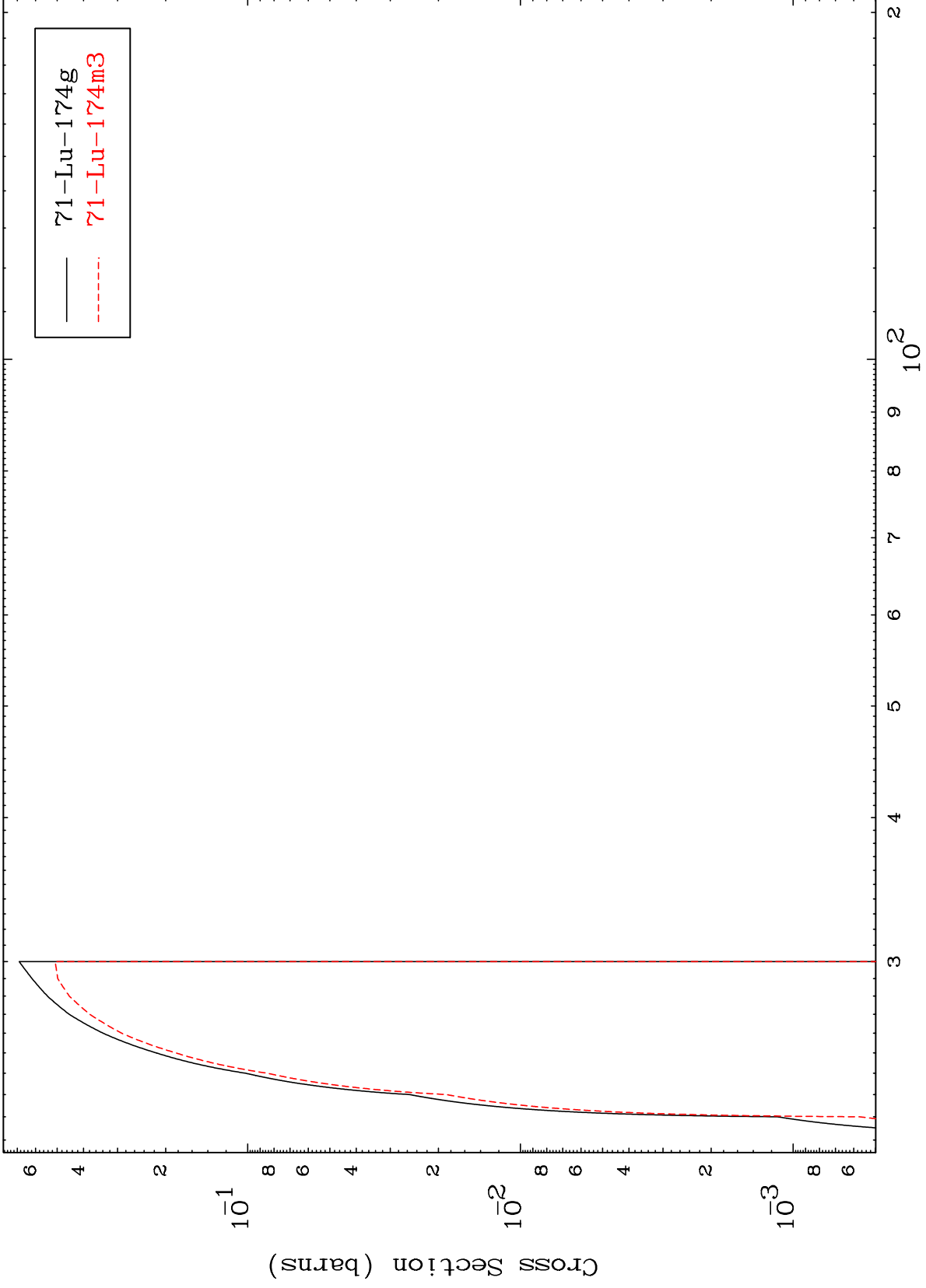
71-Lu-177

MAT 7131

(n,4n)

71-Lu-177

Radionuclide Production Cross Section



131

Incident Energy (MeV)

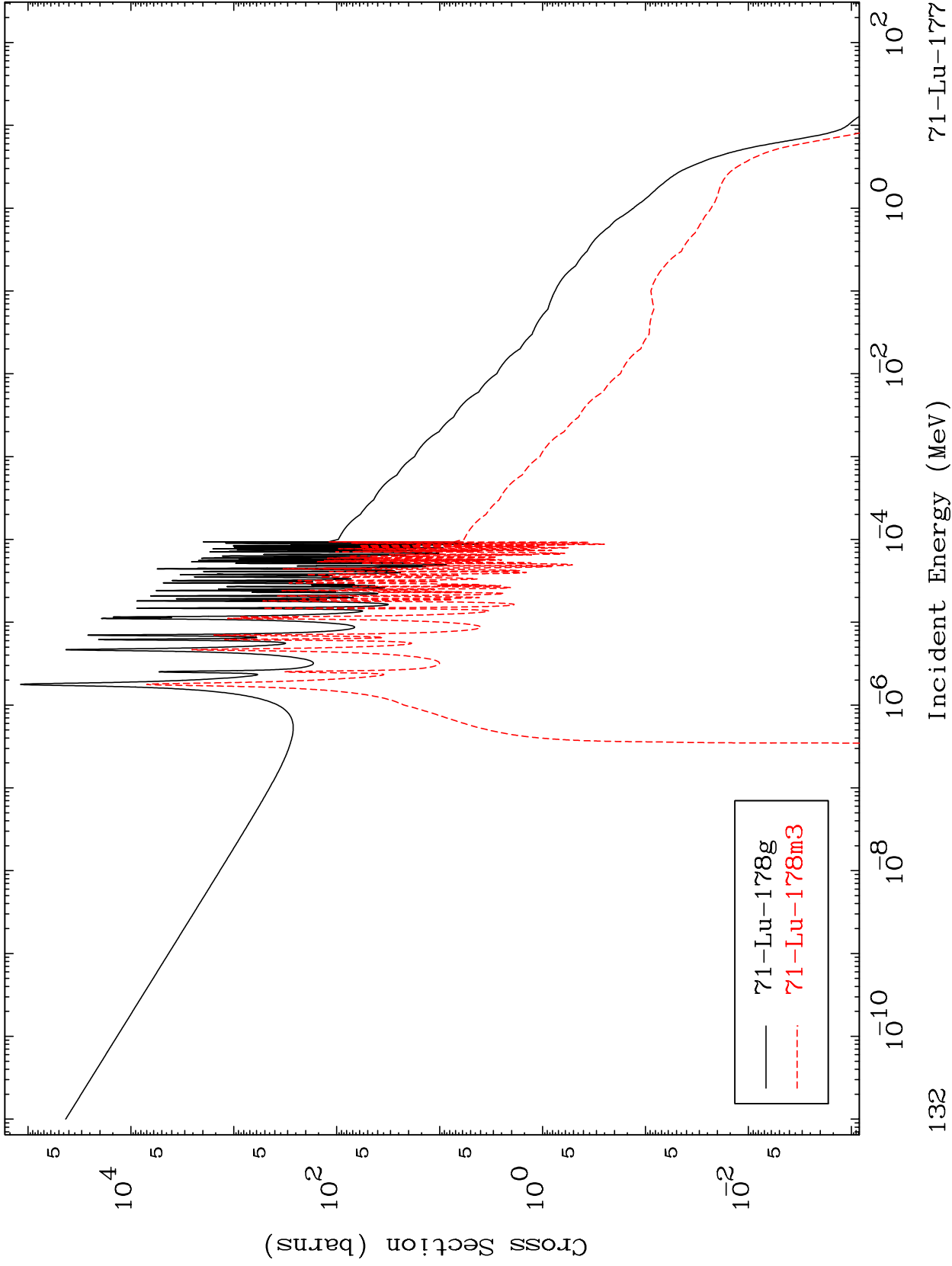
71-Lu-177

MAT 7131

⁷¹Lu-177

Radionuclide Production Cross Section

(n,γ)

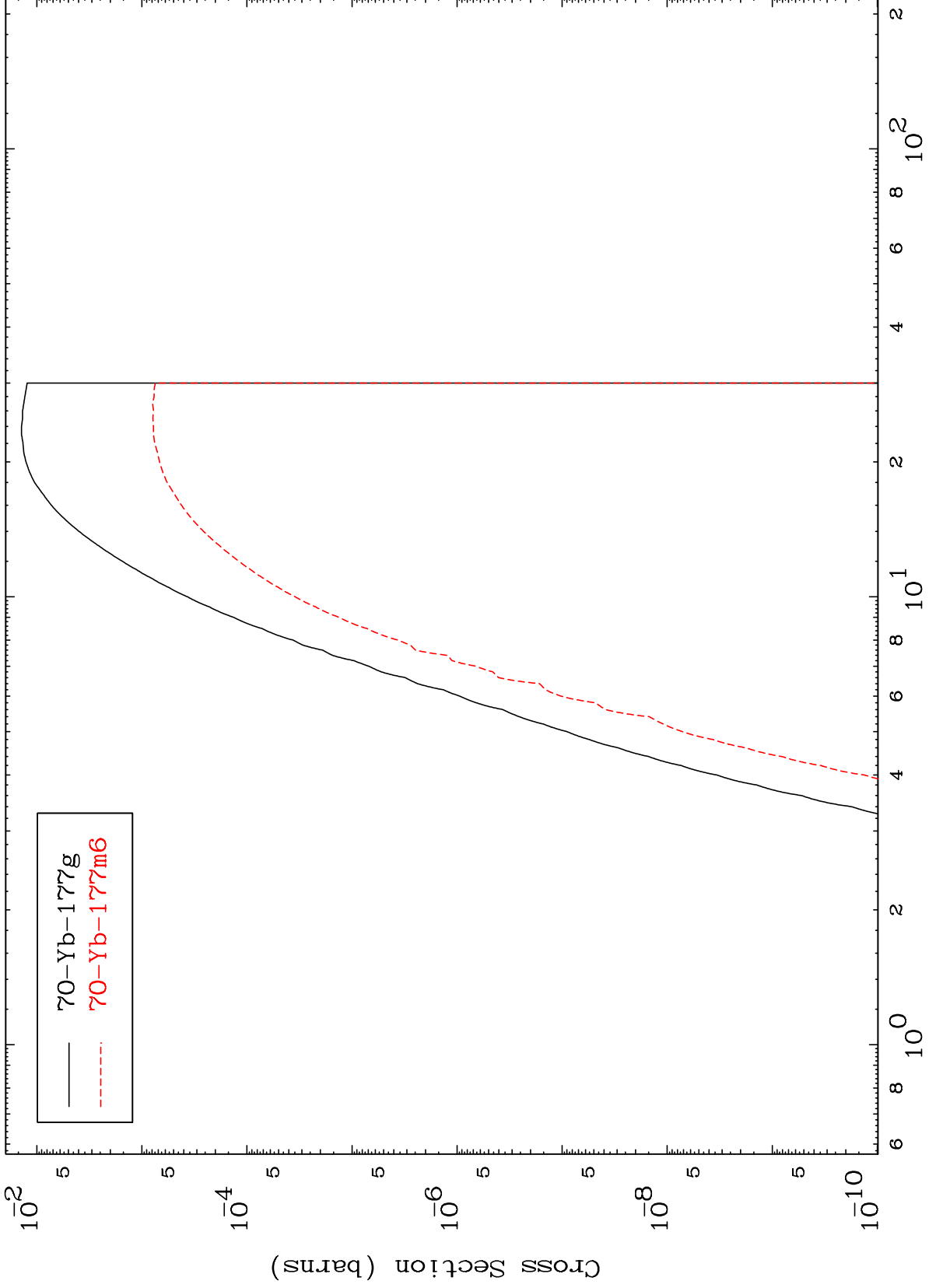


MAT 7131

(n,p)

⁷¹Lu-177

Radionuclide Production Cross Section



133

Incident Energy (MeV)

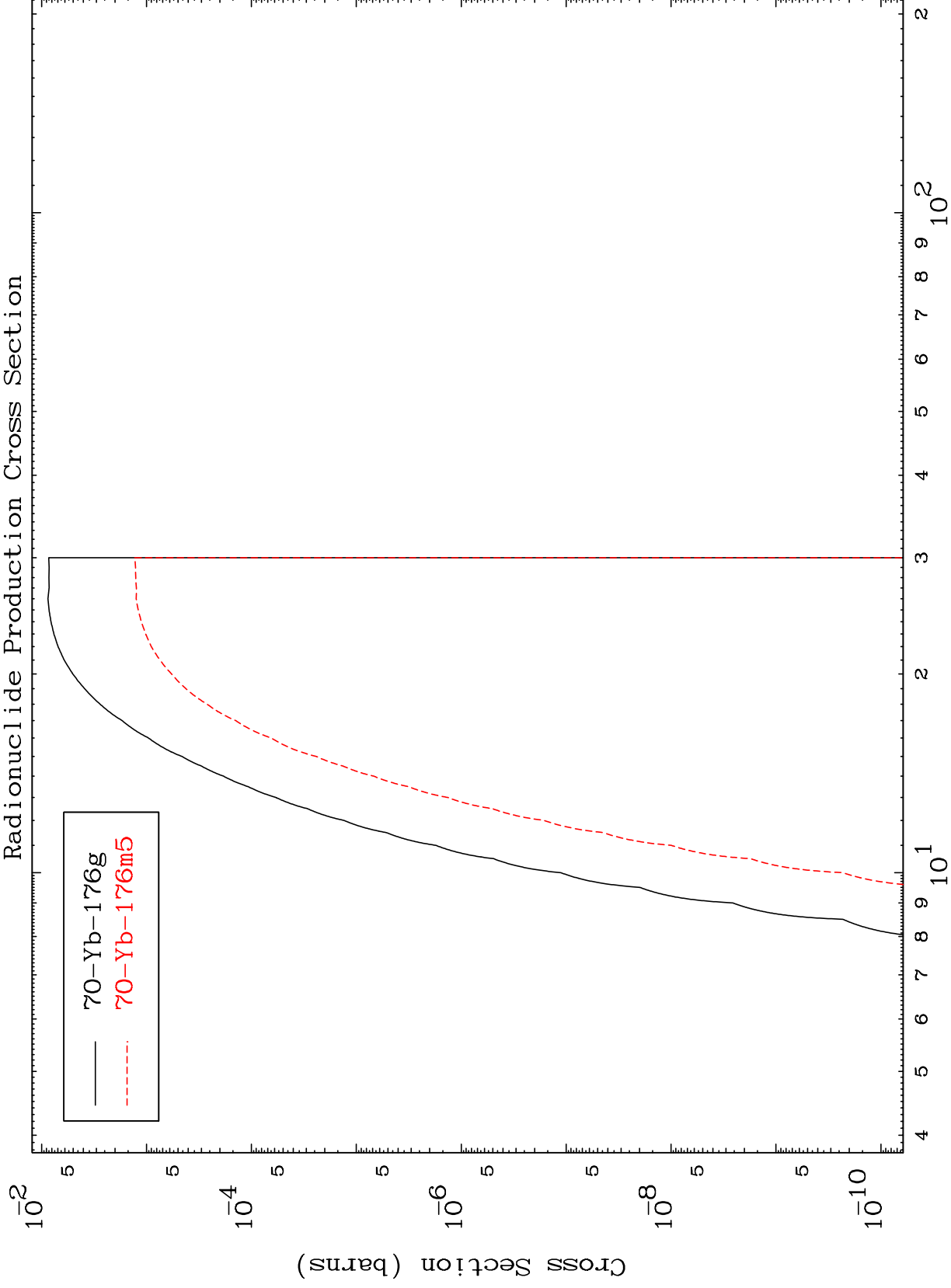
⁷¹Lu-177

MAT 7131

(n,d)

71-Lu-177

Radionuclide Production Cross Section



134

Incident Energy (MeV)

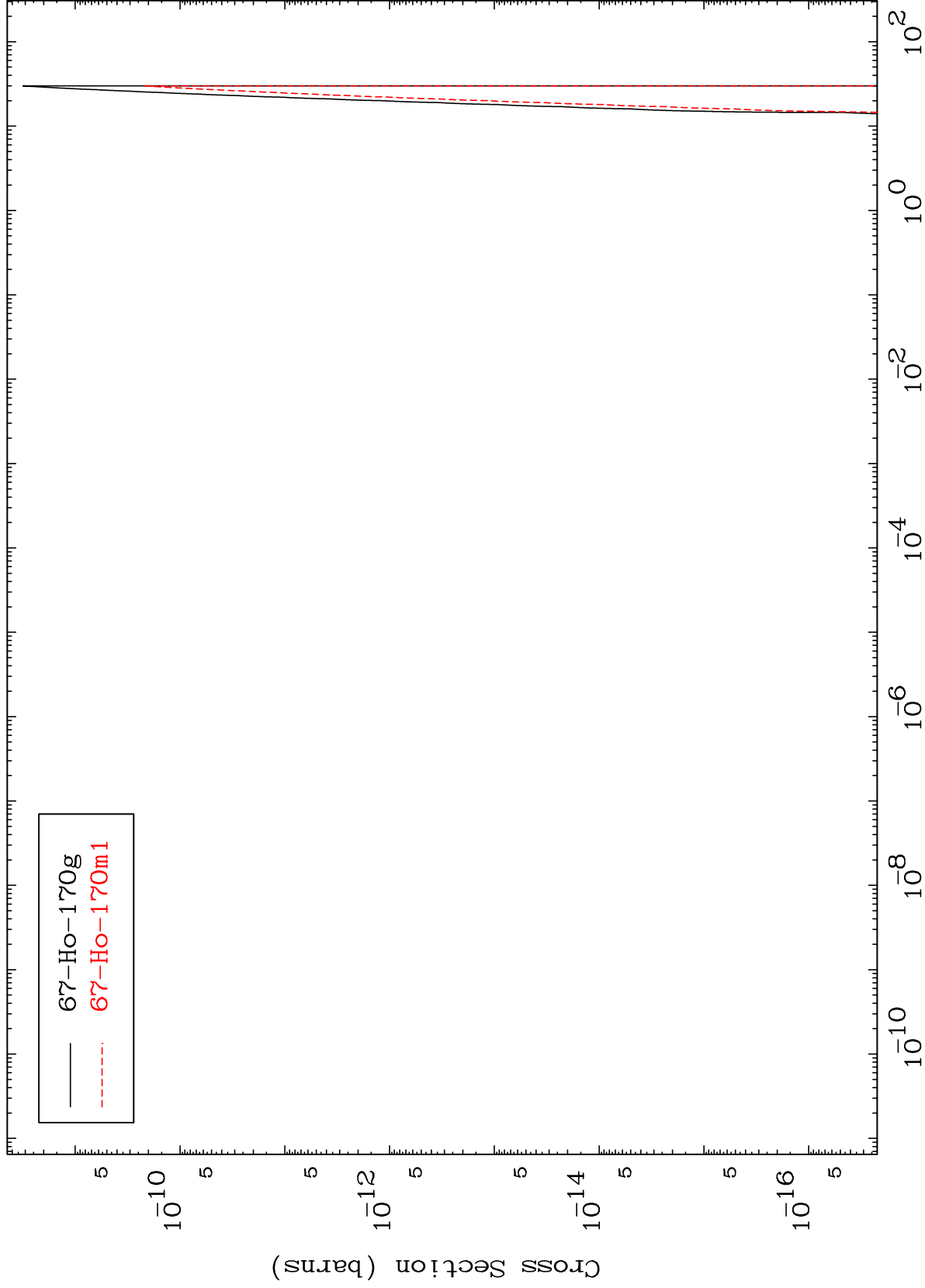
71-Lu-177

MAT 7131

(n,2α)

⁷¹Lu-177

Radionuclide Production Cross Section



135

Incident Energy (MeV)

⁷¹Lu-177