

Program EVALPLOT
(Version 2015-2)

by

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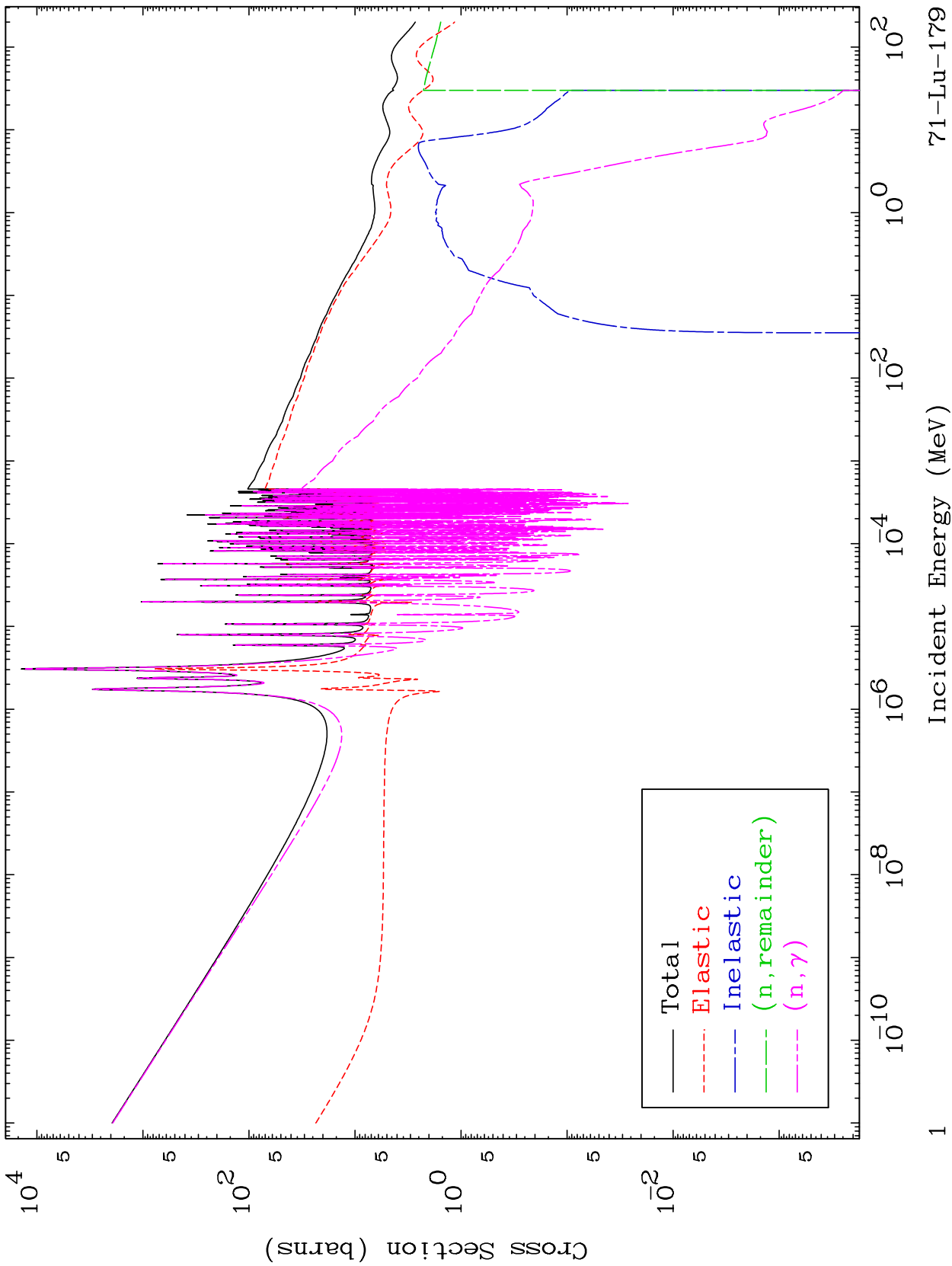
Press Mouse Button to Start

MAT 7137

Major

293 Kelvin Cross Sections

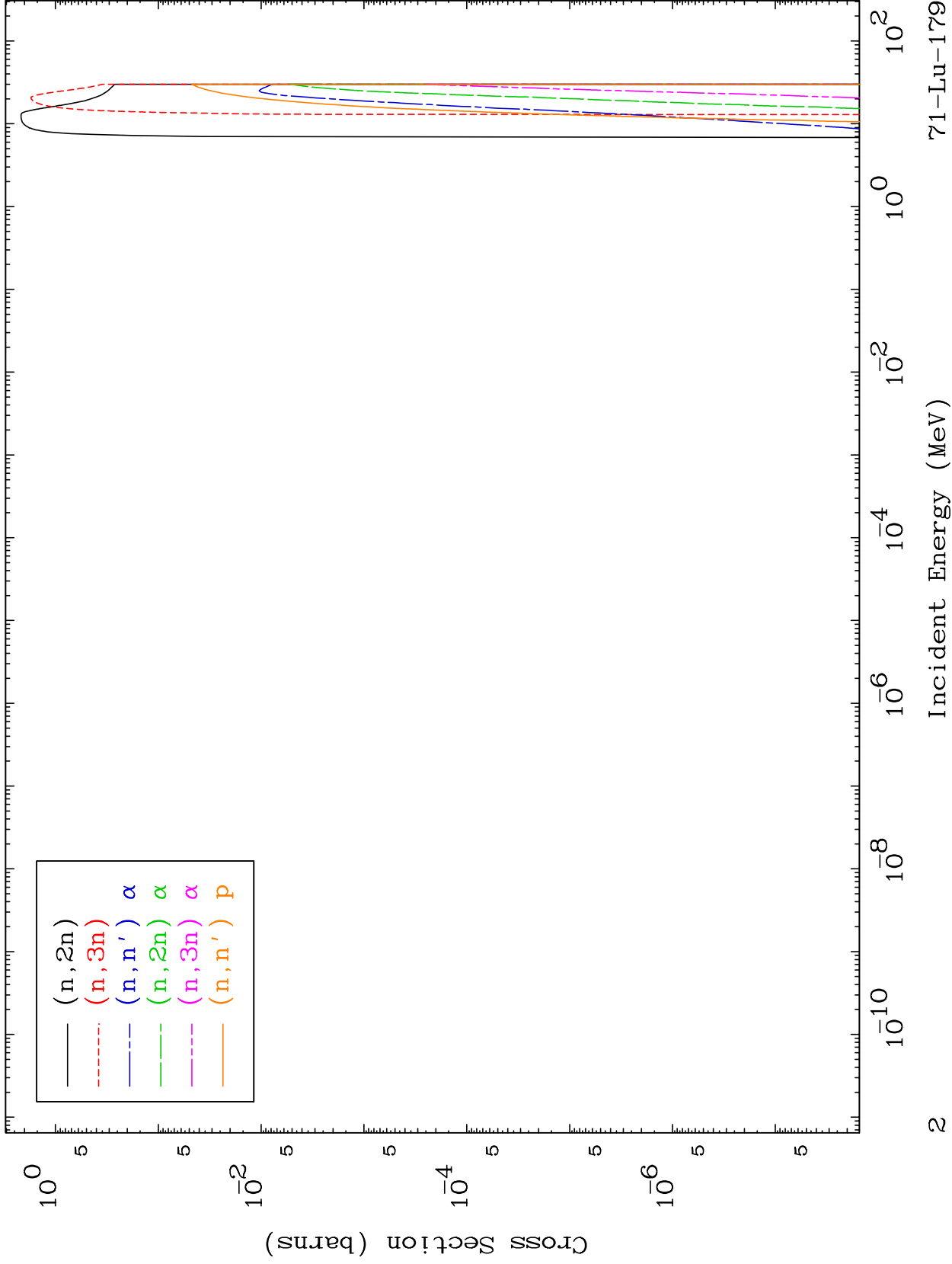
71-Lu-179

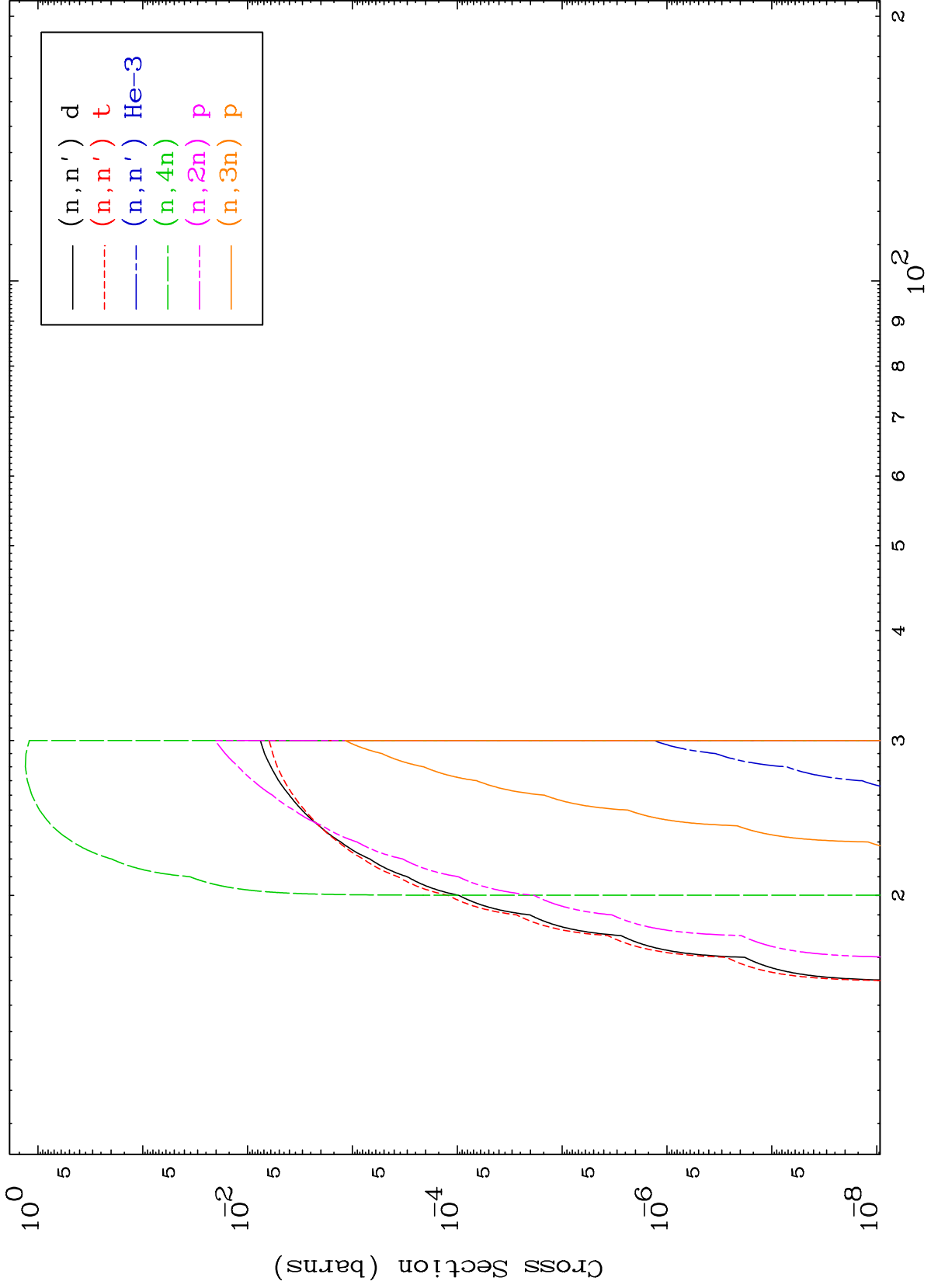


MAT 7137

Neutron Production
293 Kelvin Cross Sections

71-Lu-179

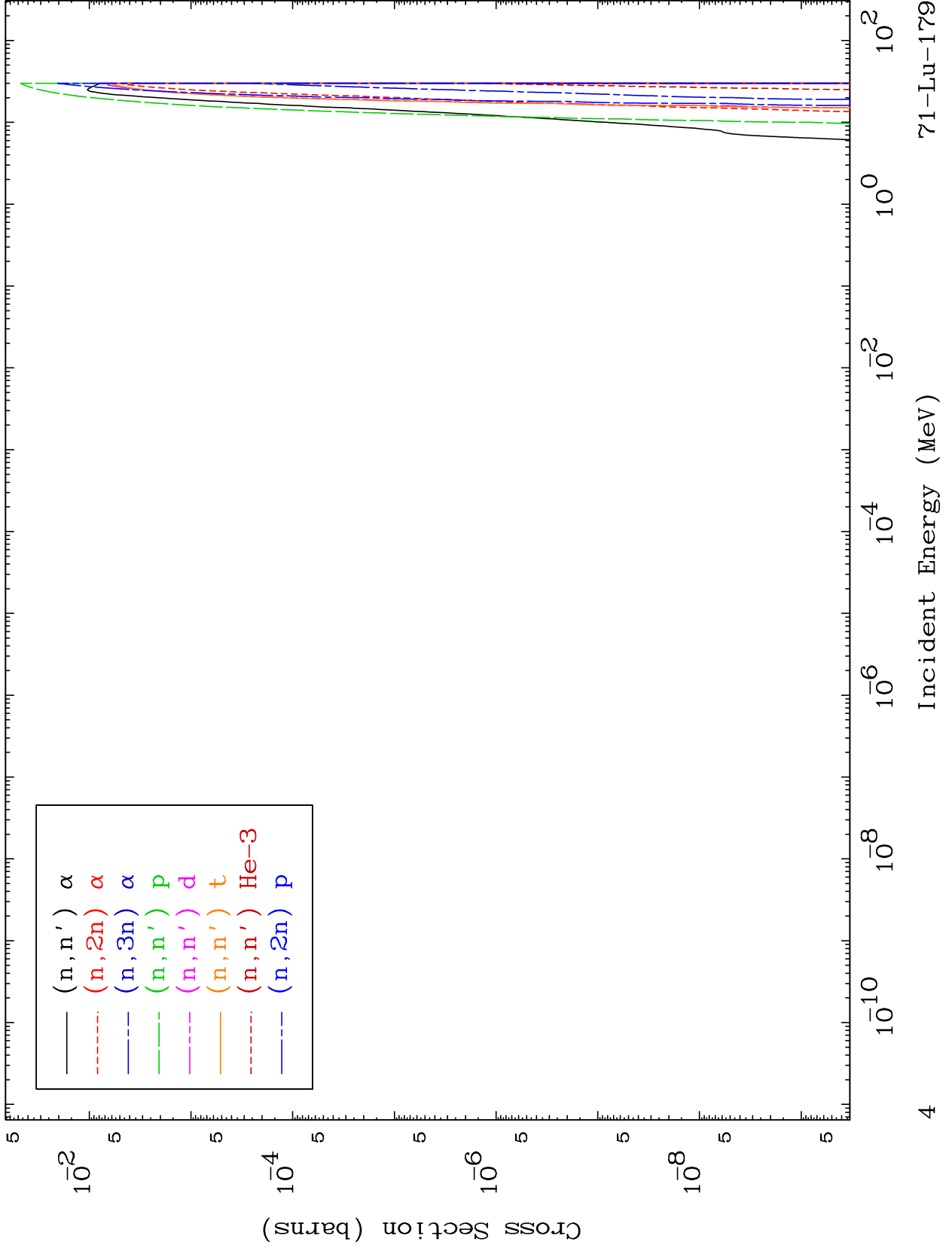




MAT 7137

Charged Particle
293 Kelvin Cross Sections

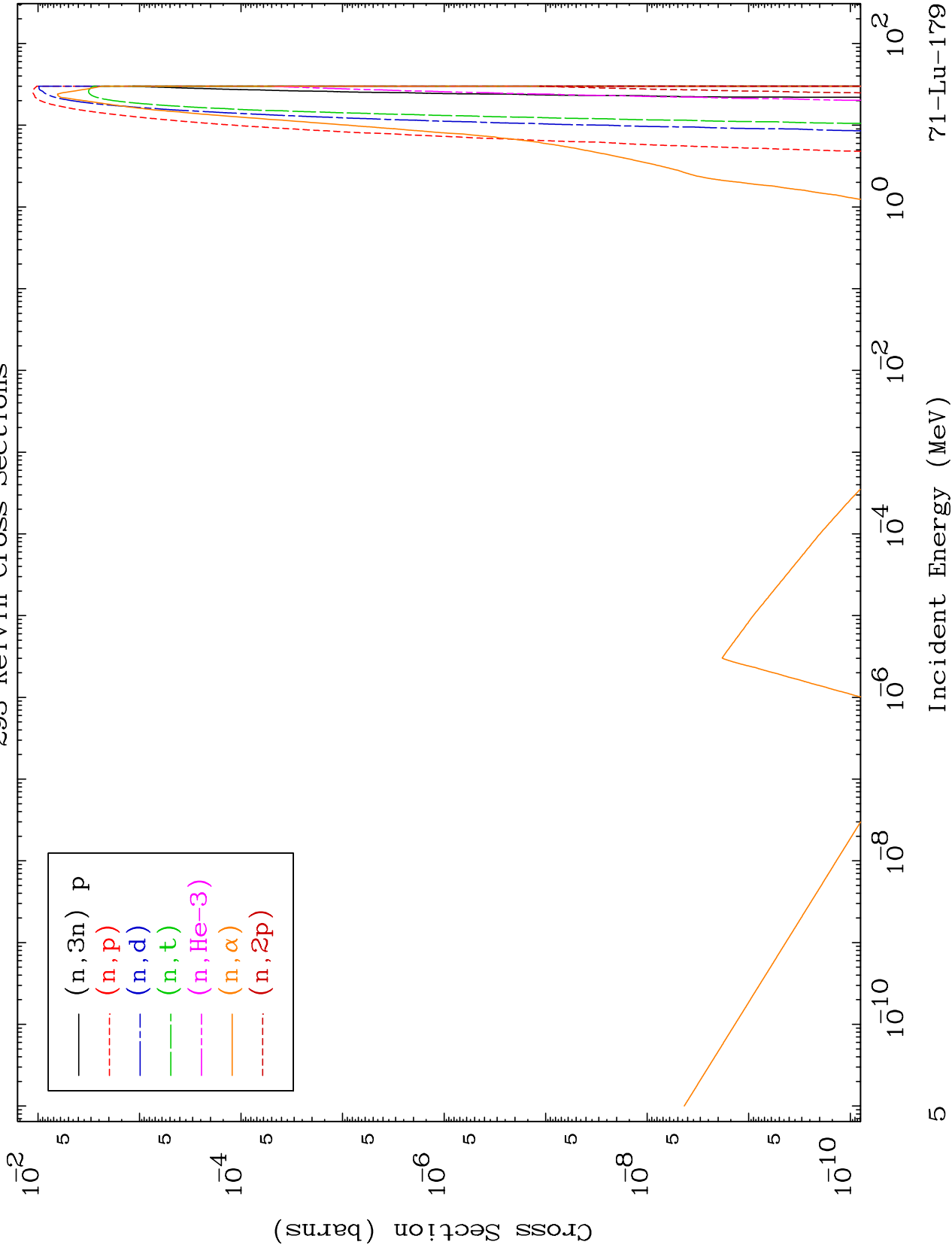
71-Lu-179



MAT 7137

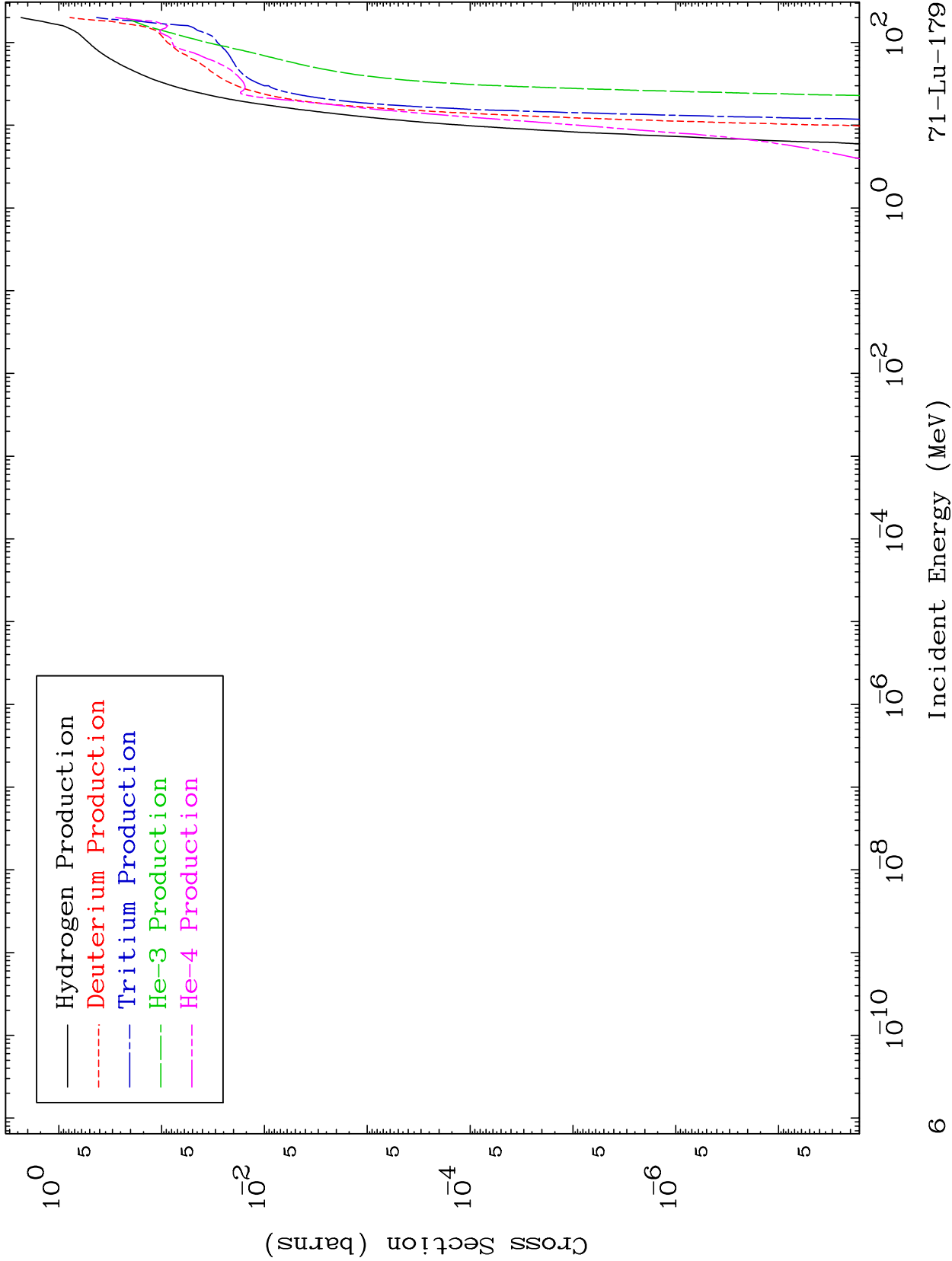
Charged Particle
293 Kelvin Cross Sections

71-Lu-179



5

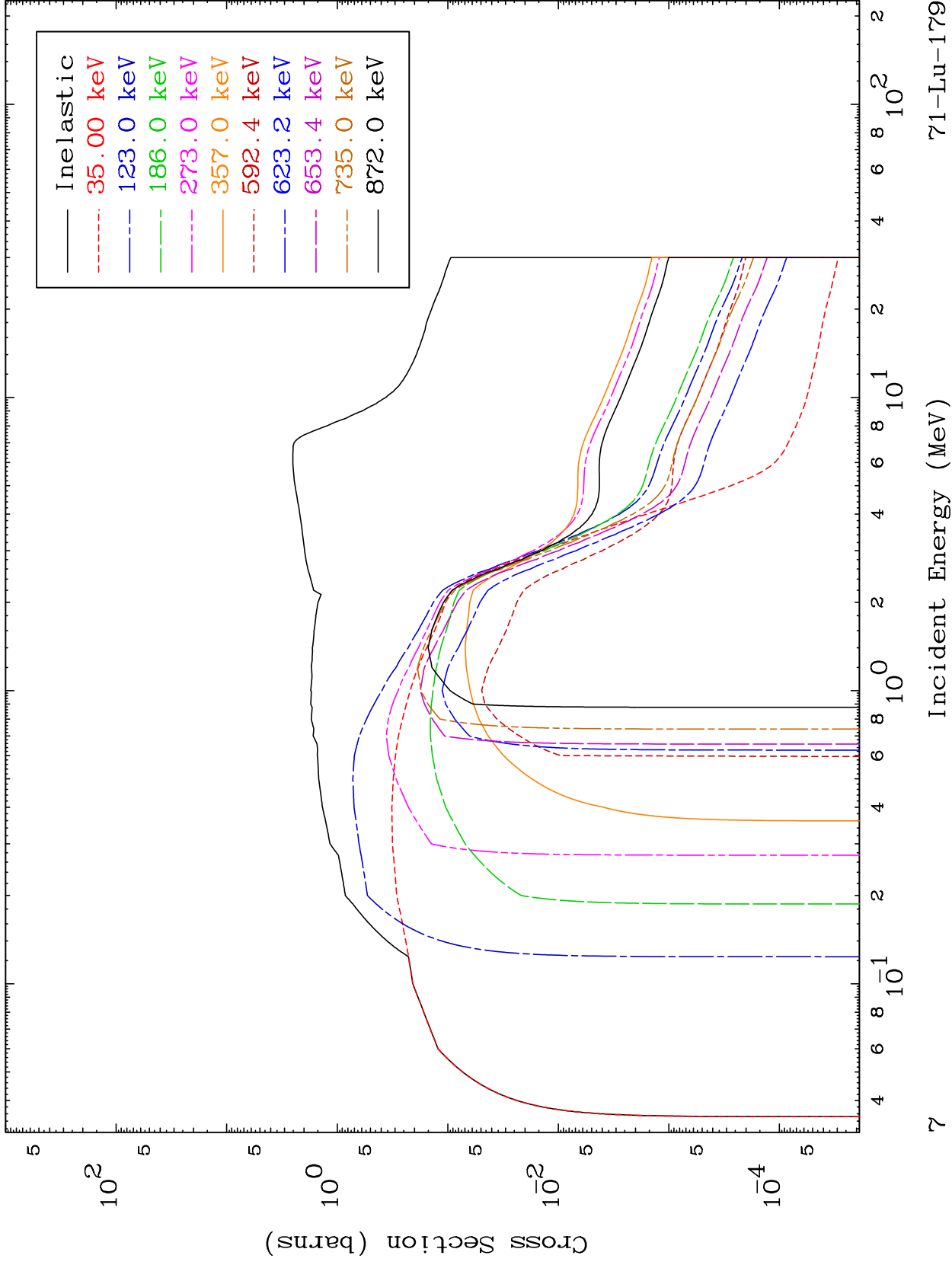
71-Lu-179



MAT 7137

(n,n') Level
293 Kelvin Cross Sections

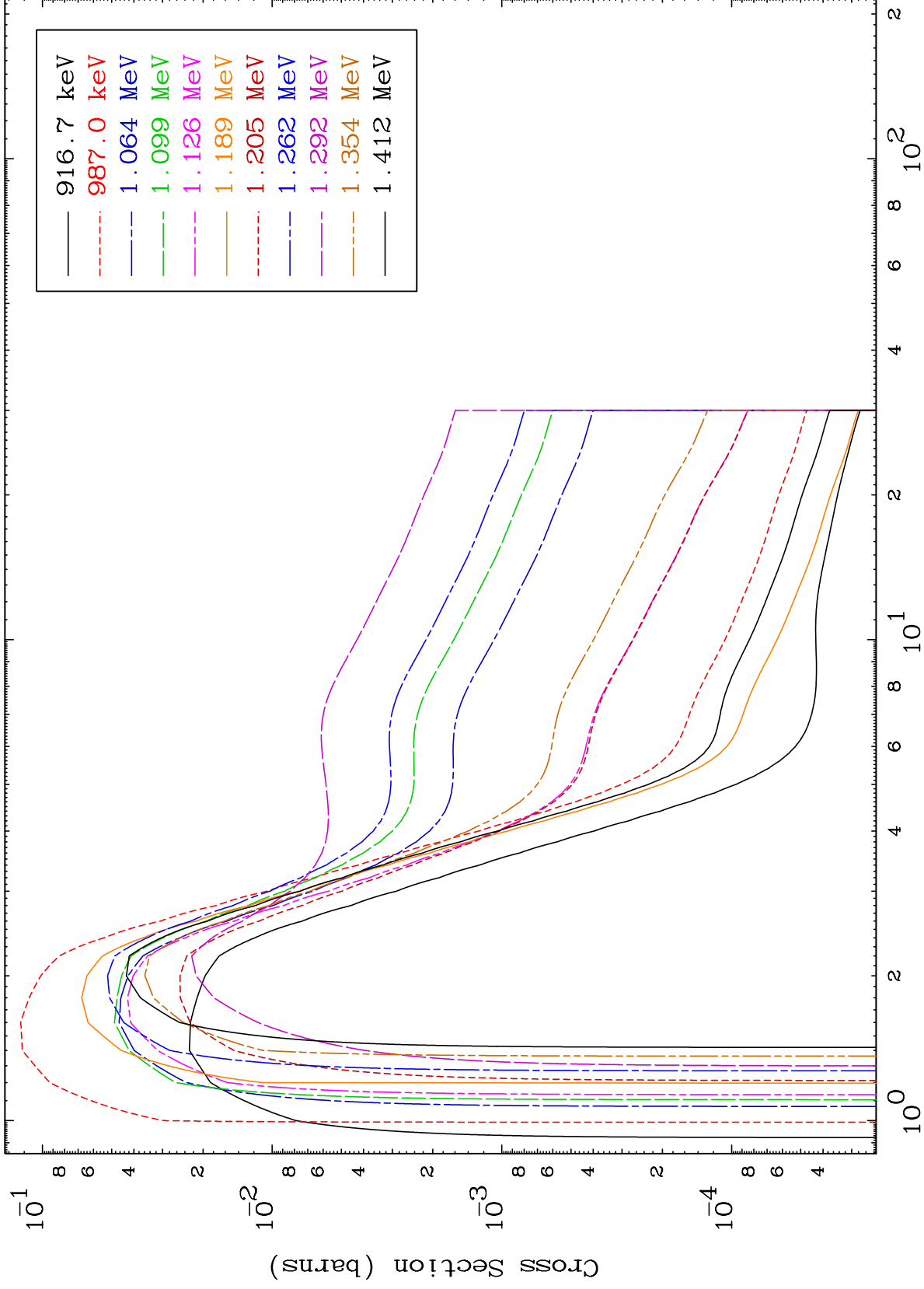
71-Lu-179



MAT 7137

(n,n') Level
293 Kelvin Cross Sections

71-Lu-179



Incident Energy (MeV)

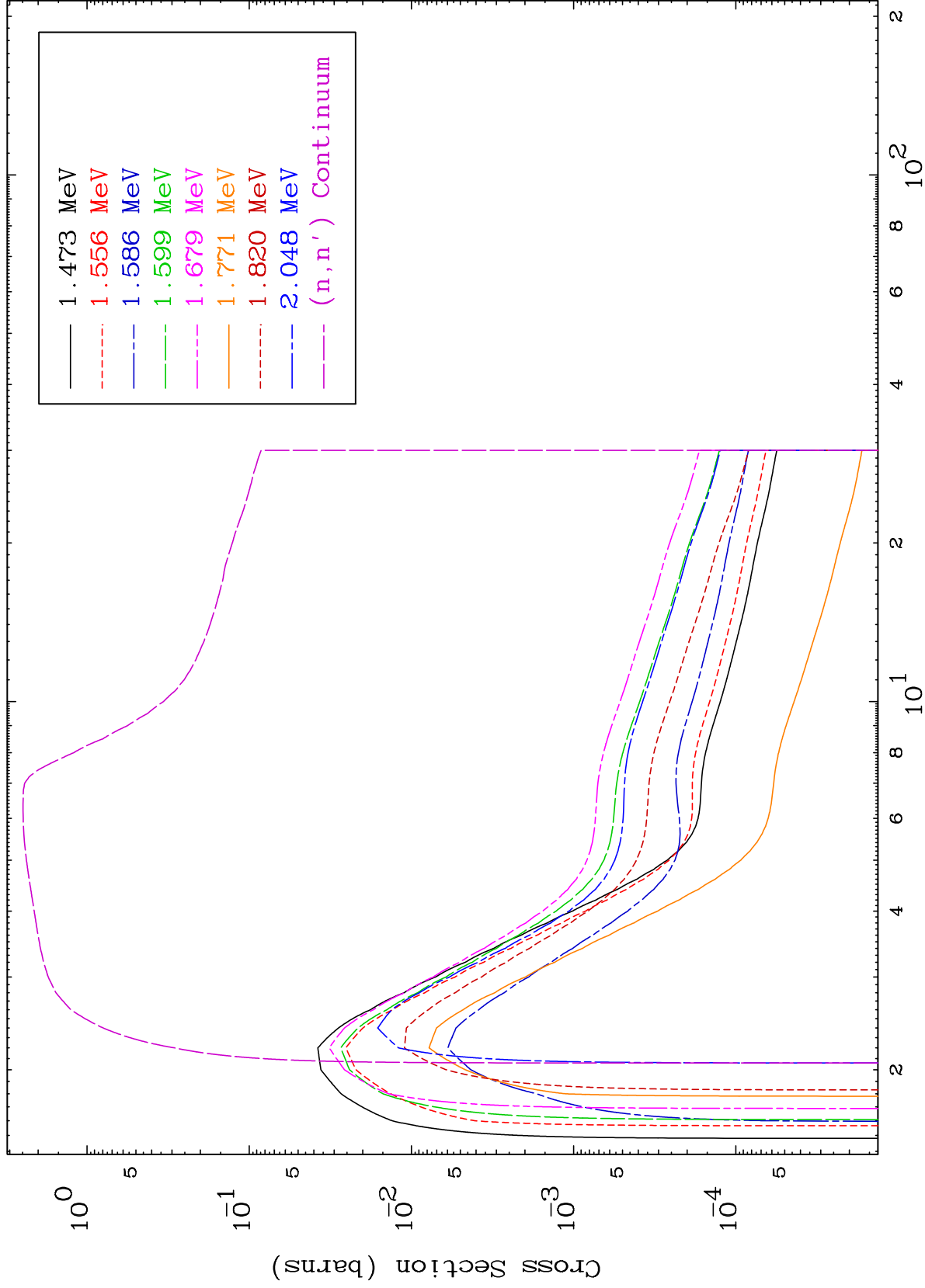
71-Lu-179

MAT 7137

(n,n') Level

71-Lu-179

293 Kelvin Cross Sections



9

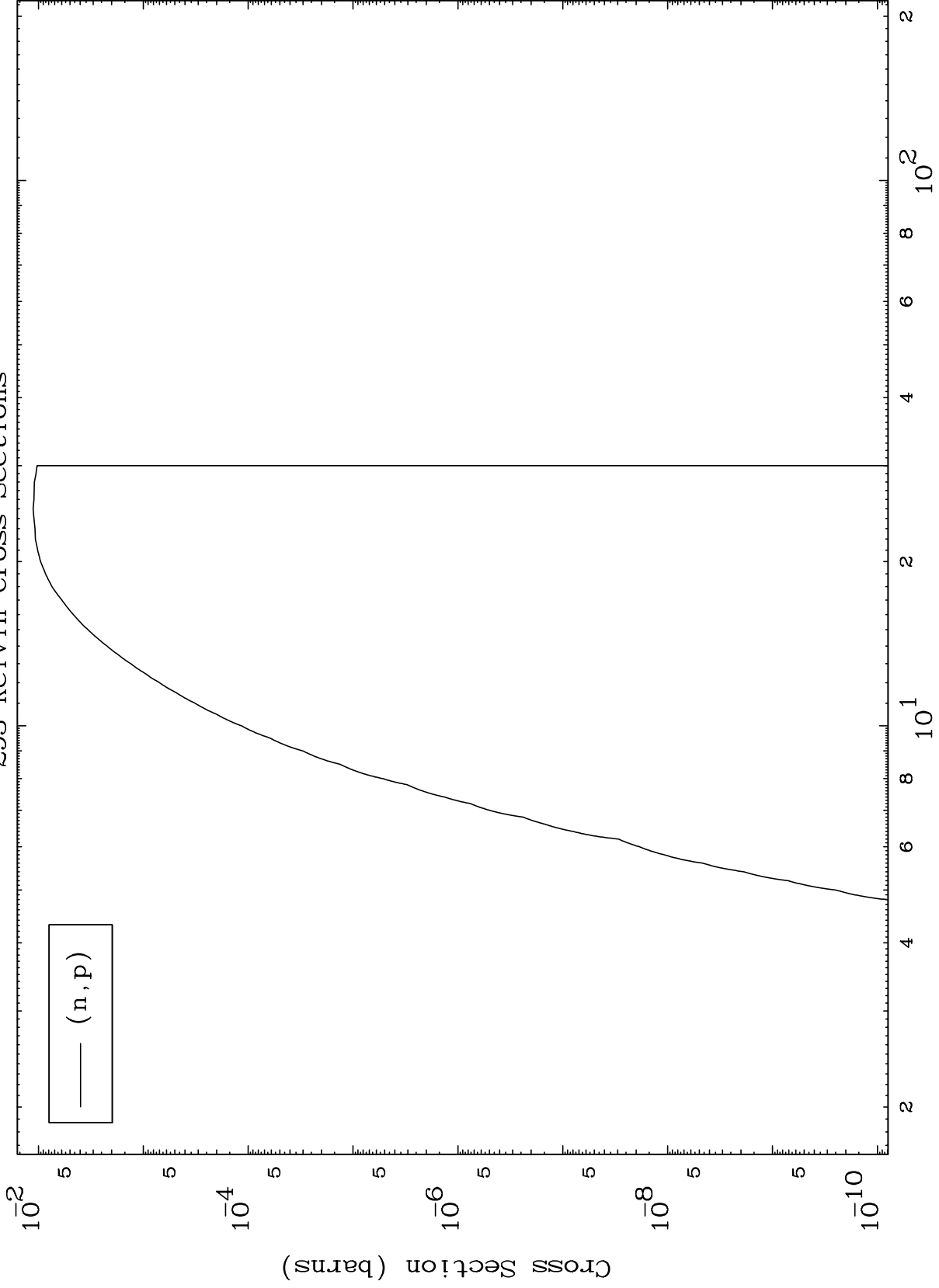
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-179



10

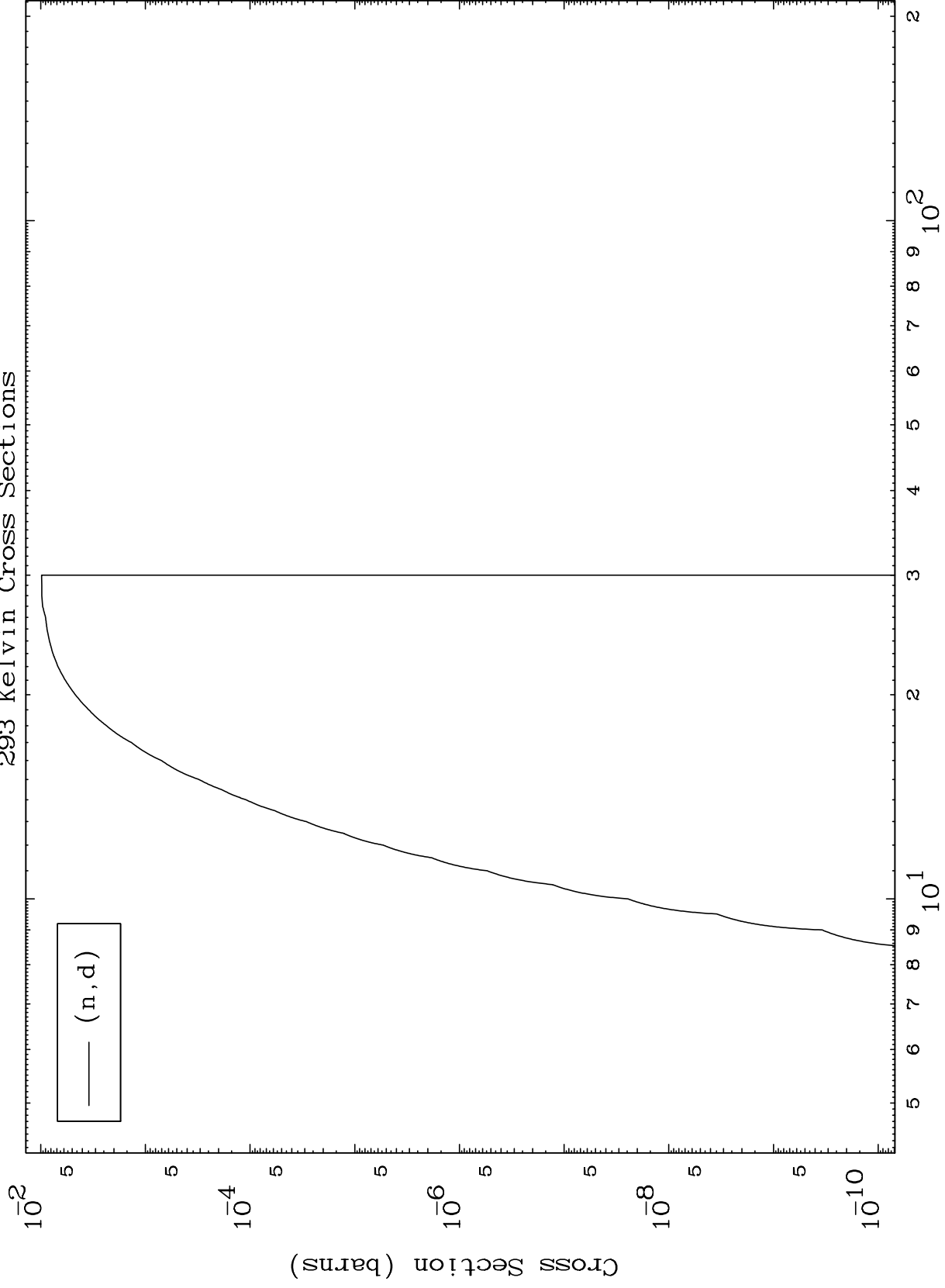
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-179



11

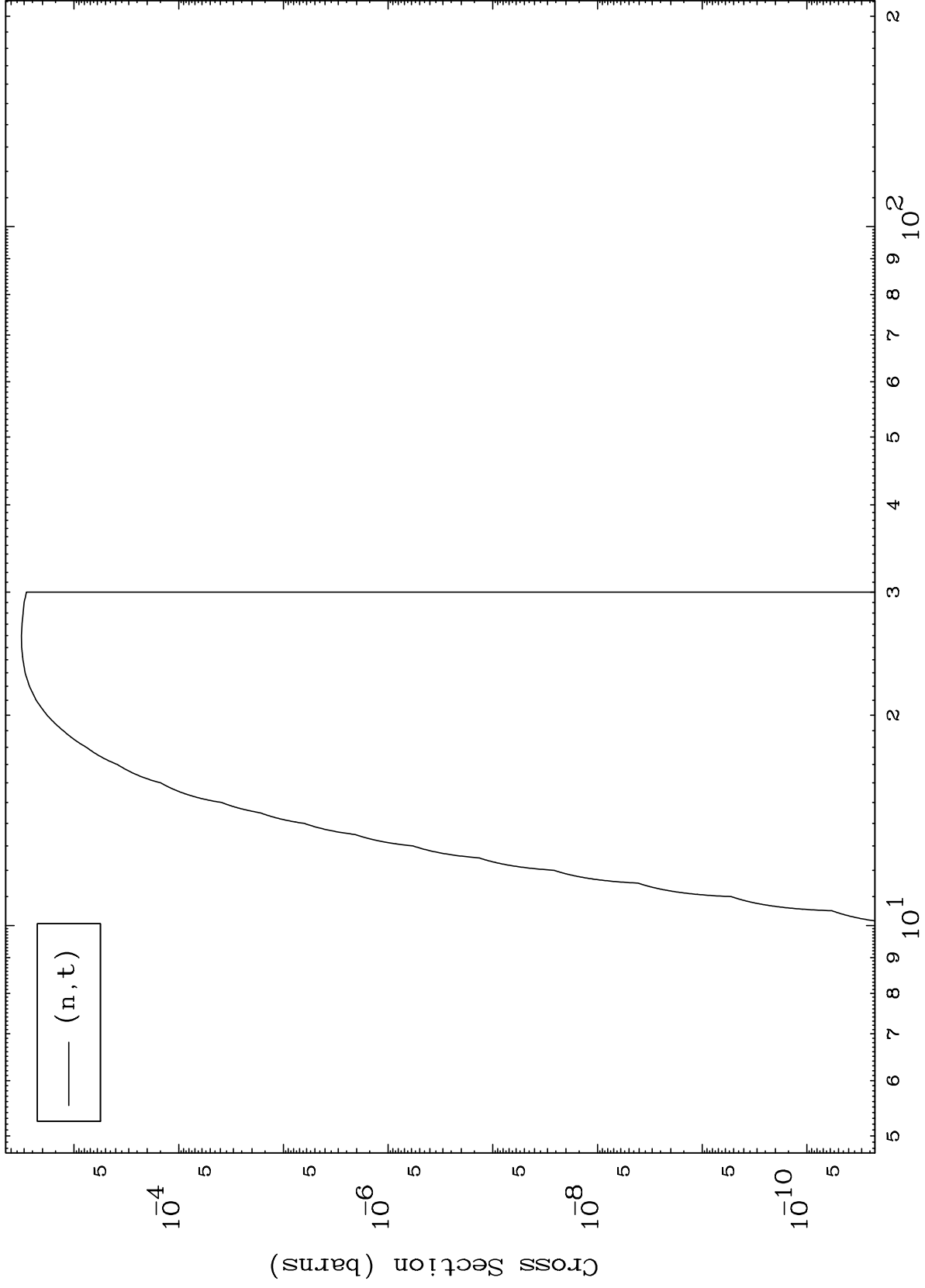
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-179



12

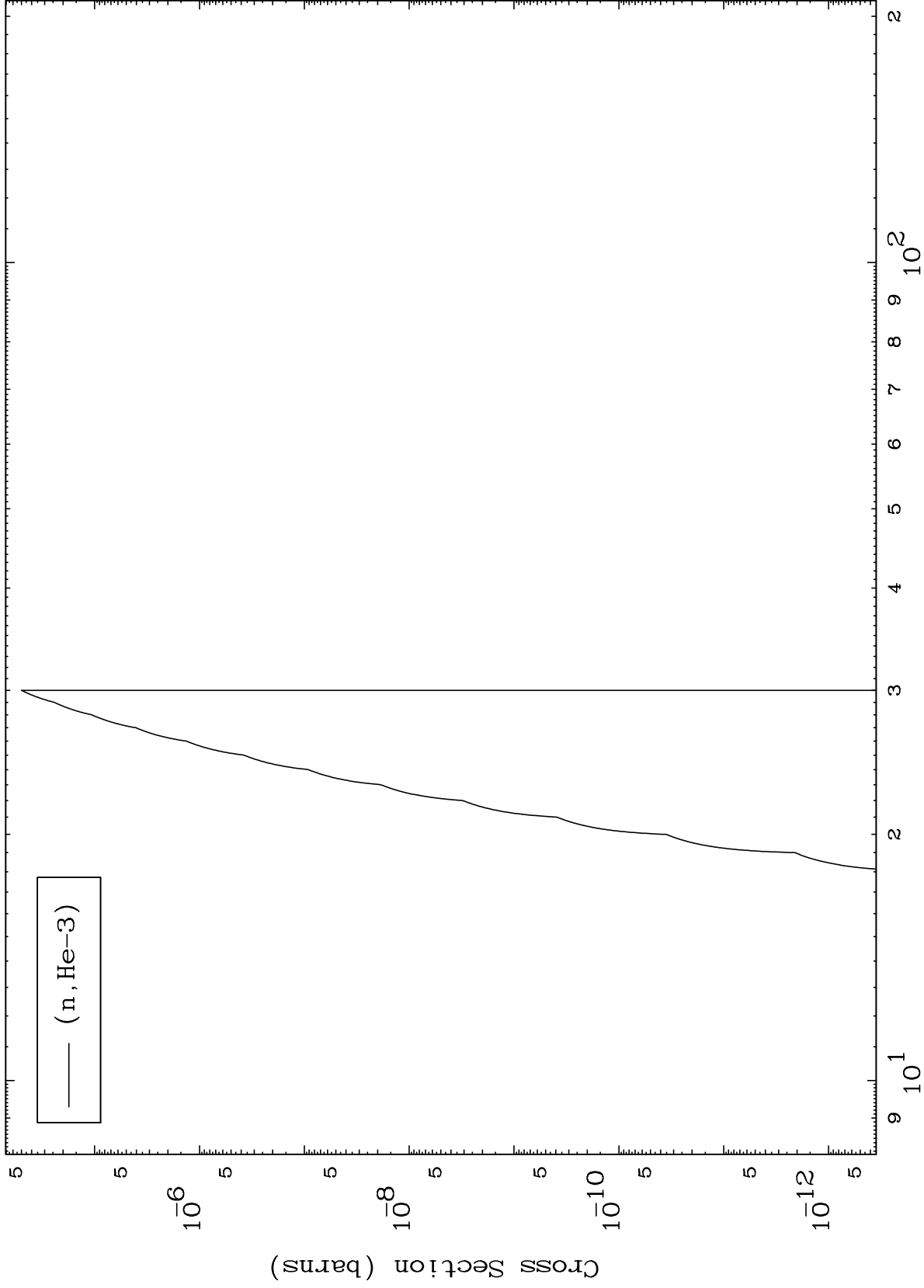
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-179



13

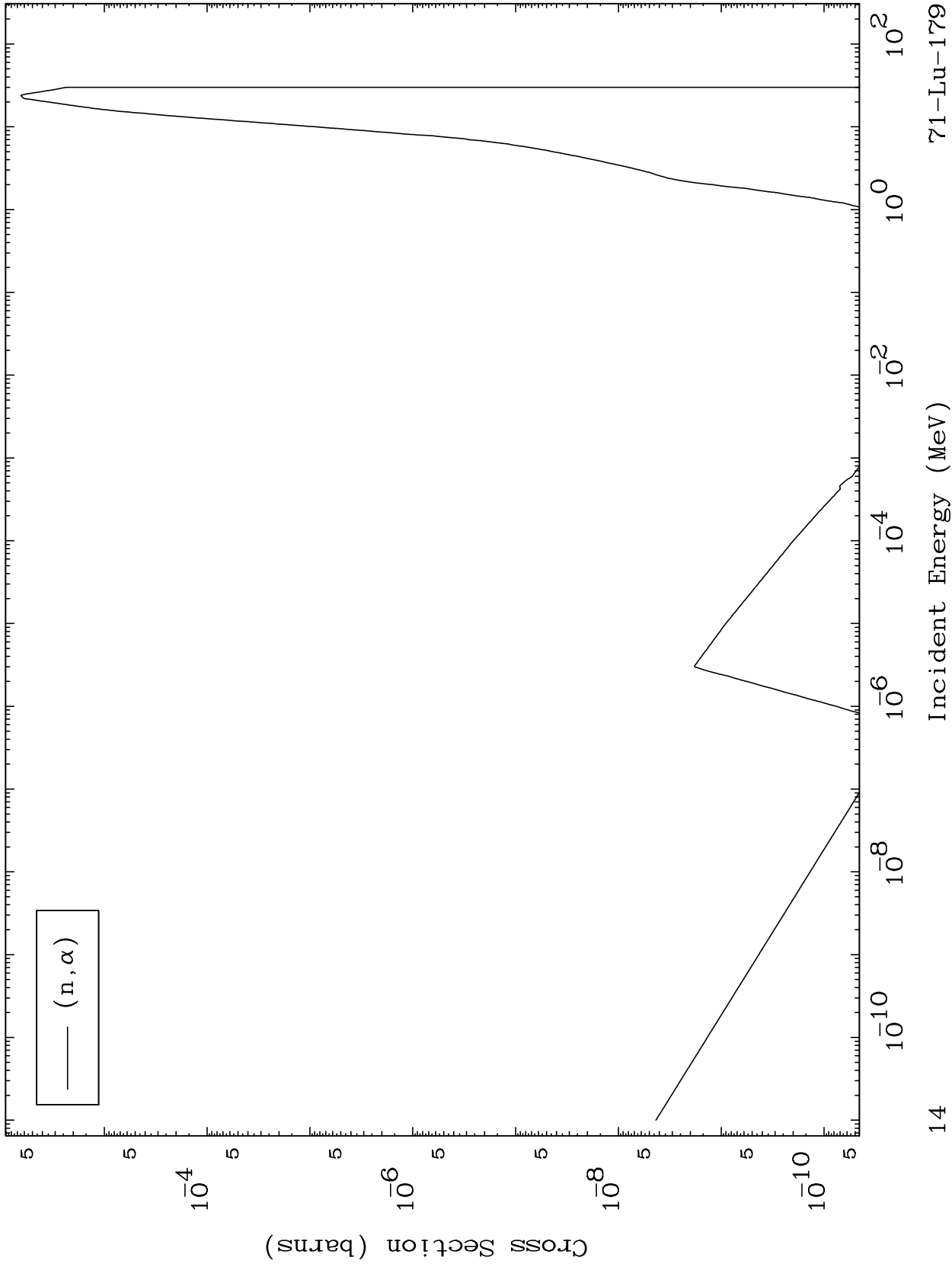
Incident Energy (MeV)

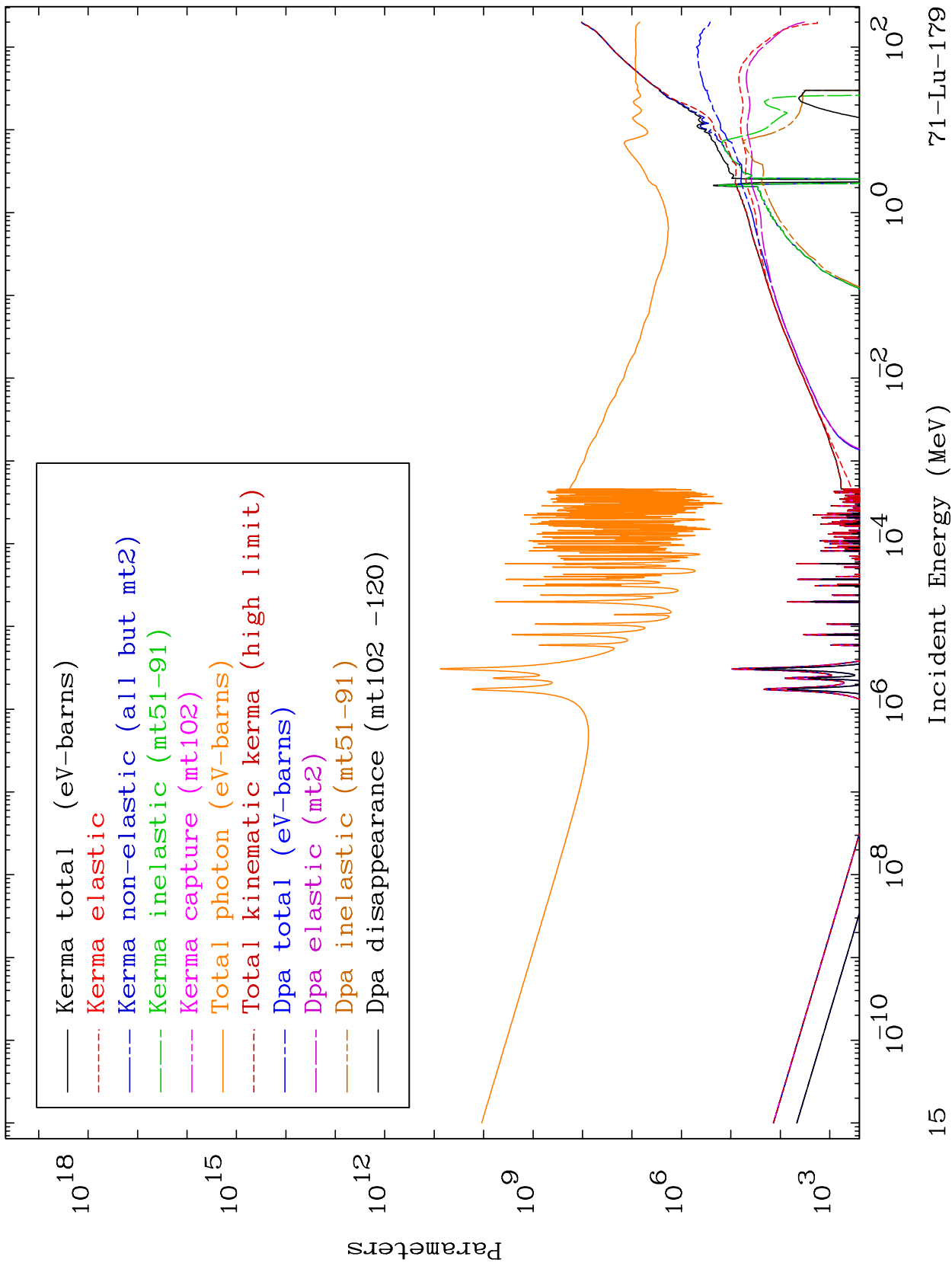
71-Lu-179

MAT 7137

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-179

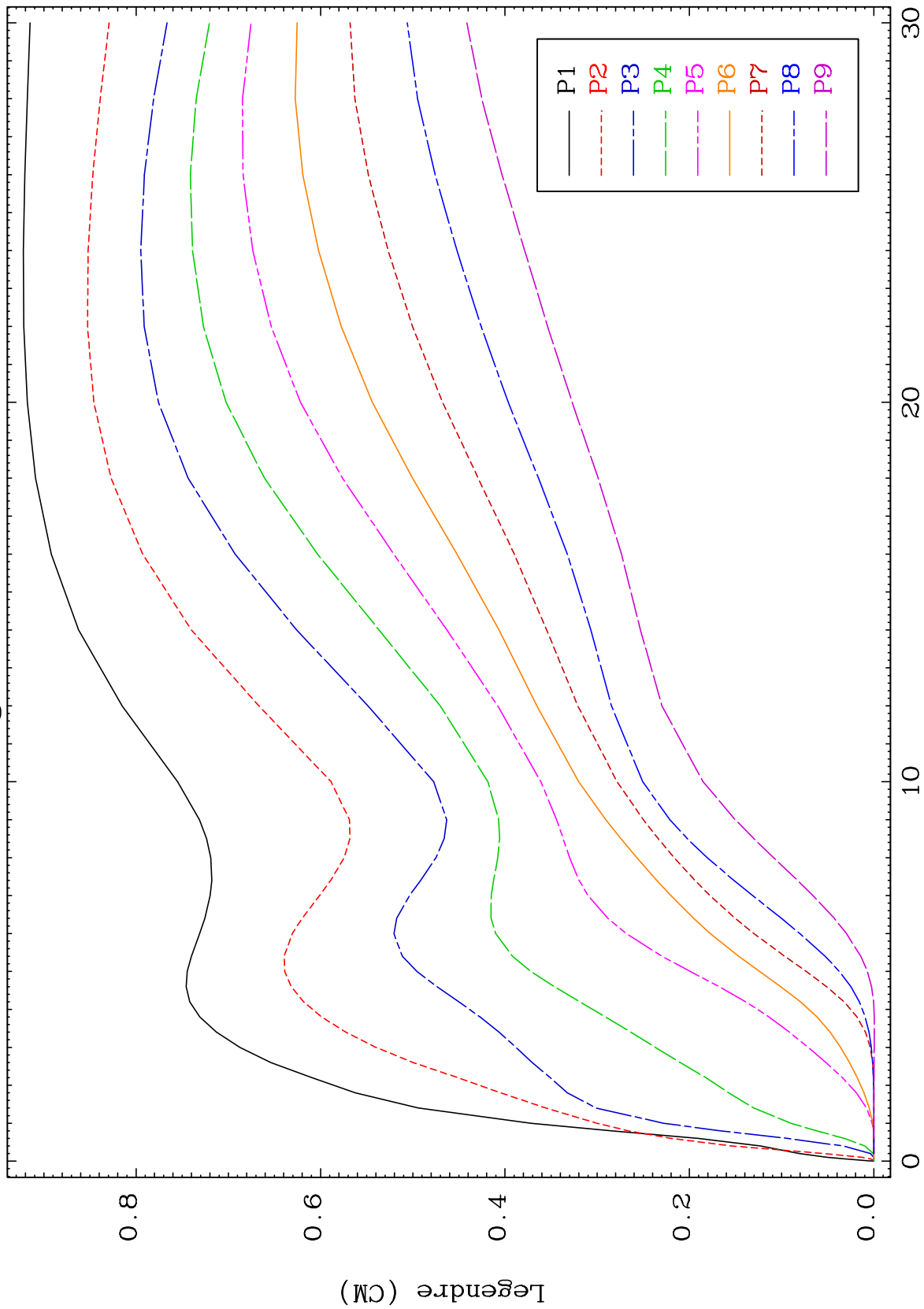




MAT 7137

Elastic Legendre Coefficients

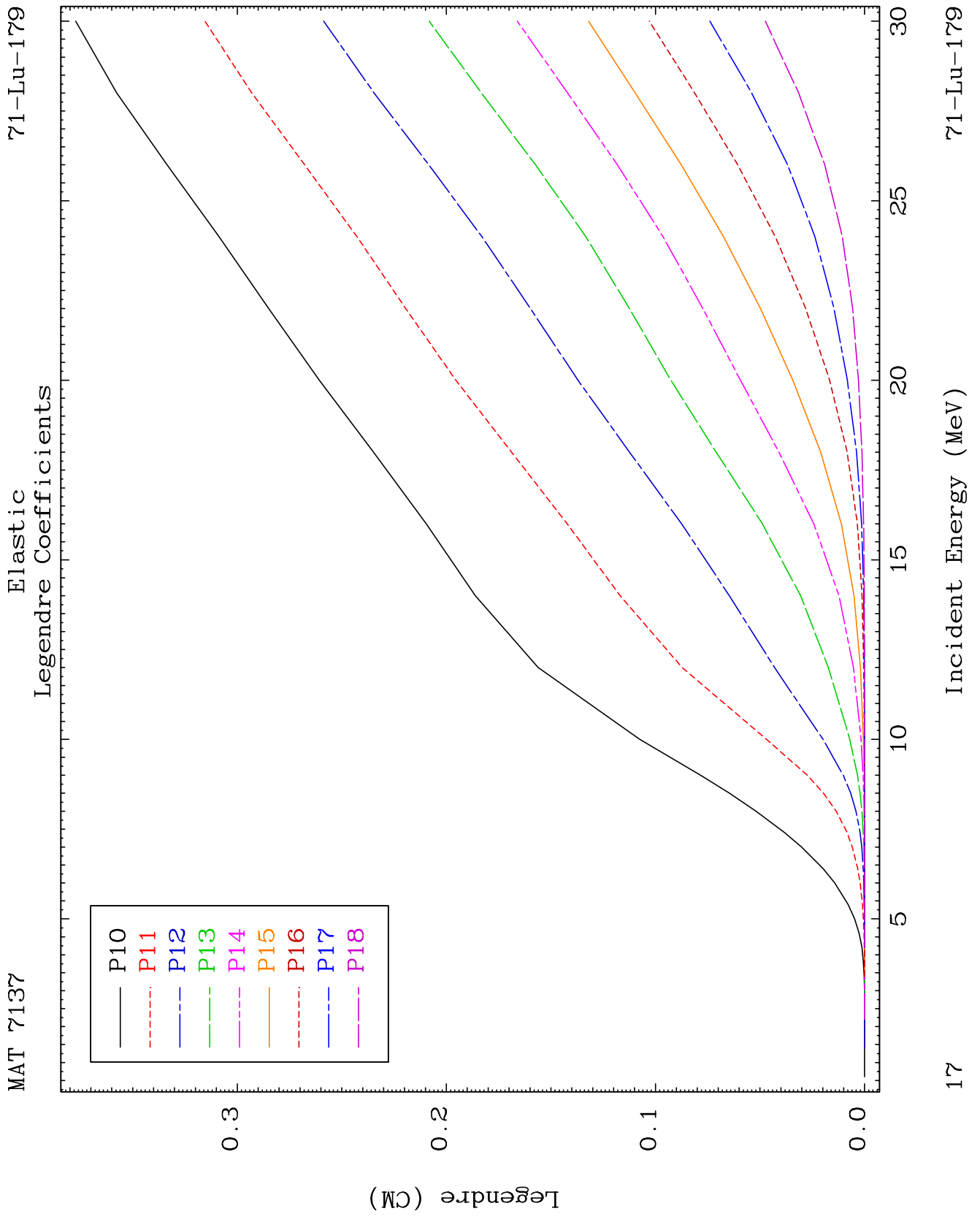
71-Lu-179



16

Incident Energy (MeV)

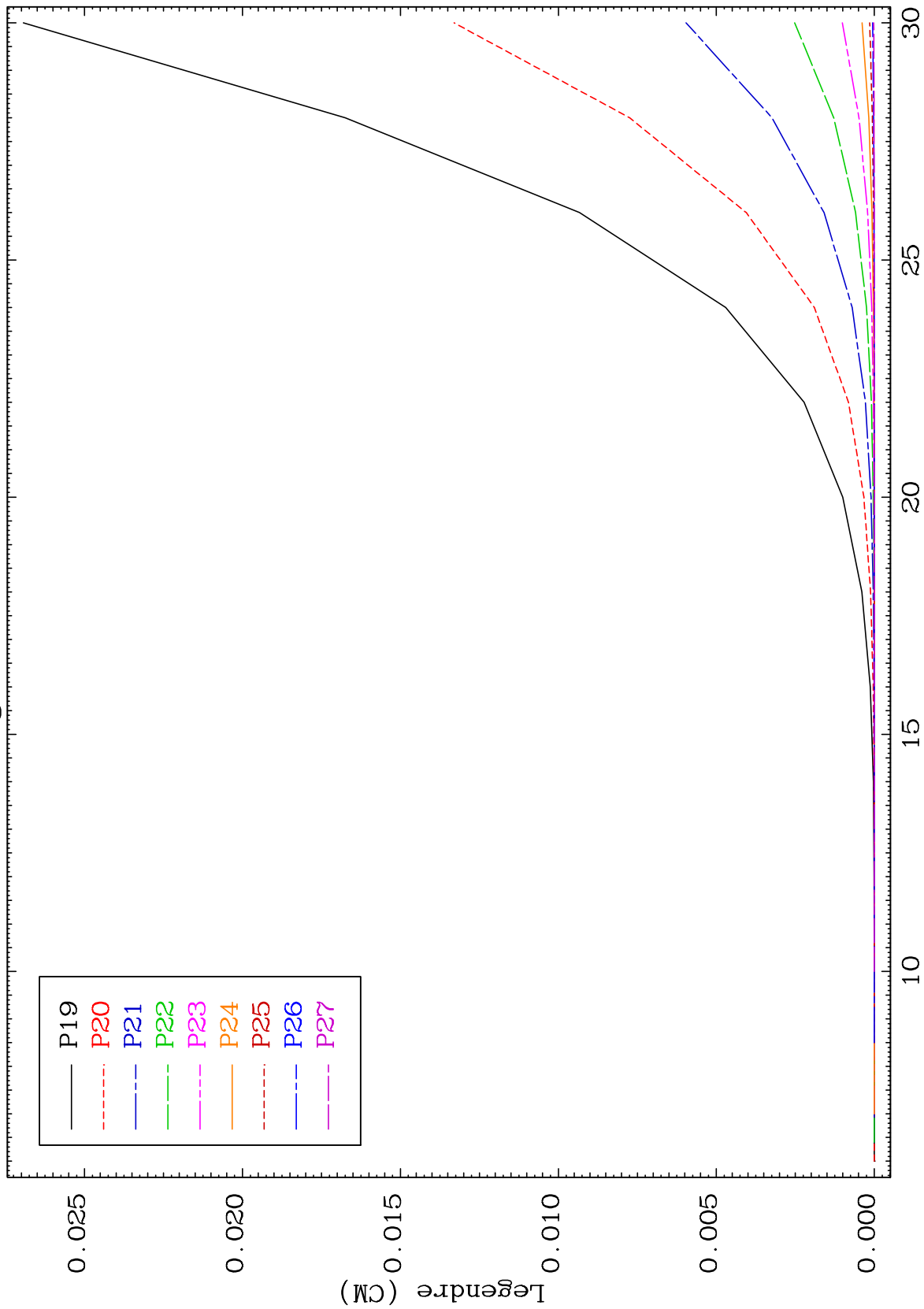
71-Lu-179



MAT 7137

Elastic Legendre Coefficients

71-Lu-179



18

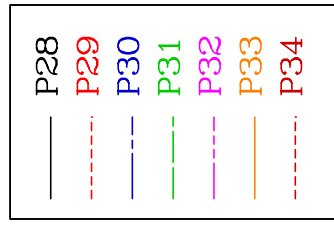
Incident Energy (MeV)

71-Lu-179

MAT 7137

Elastic Legendre Coefficients

71-Lu-179



$\times 10^{-66}$

Legendre (CM)

4

2

0

15

20

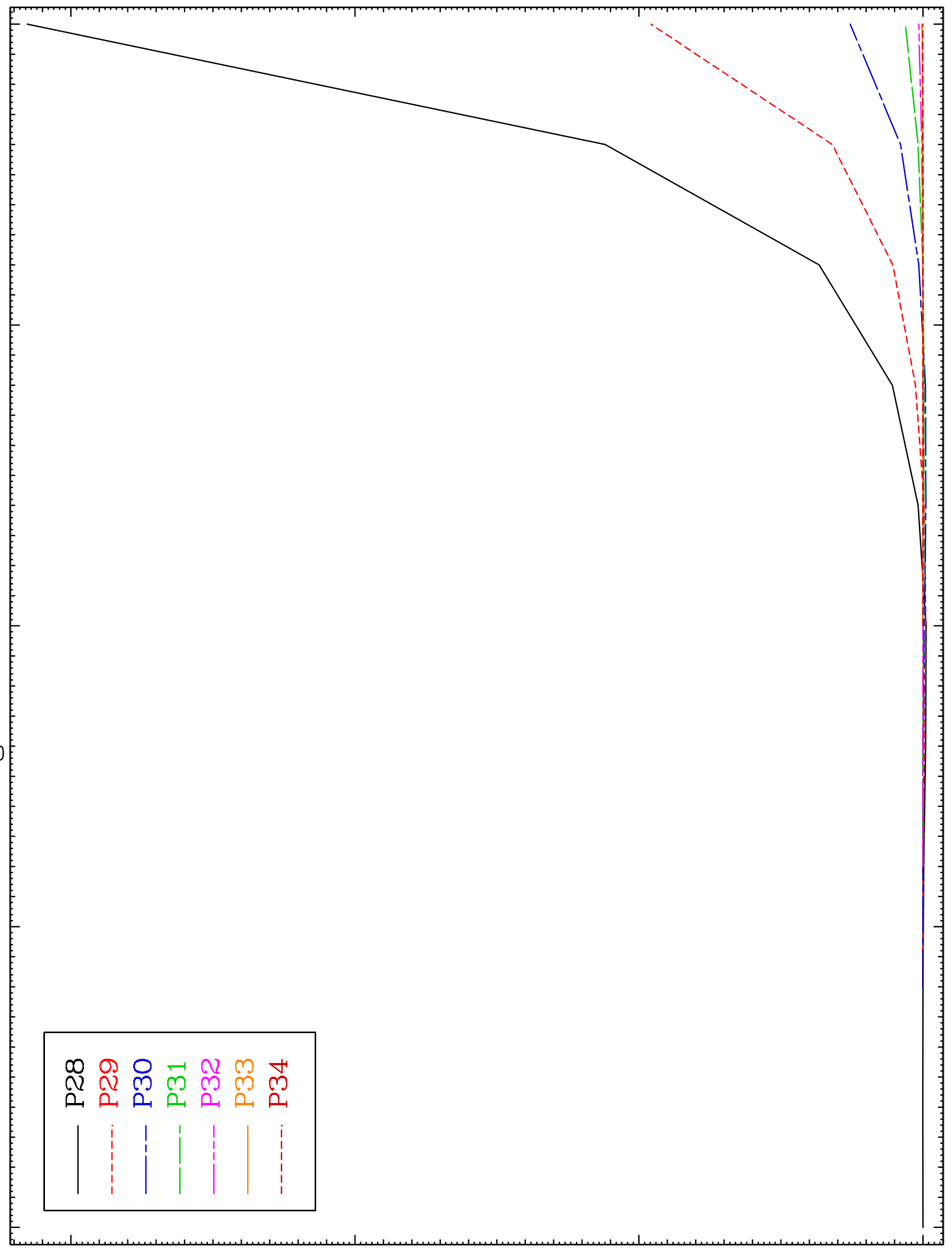
25

30

19

Incident Energy (MeV)

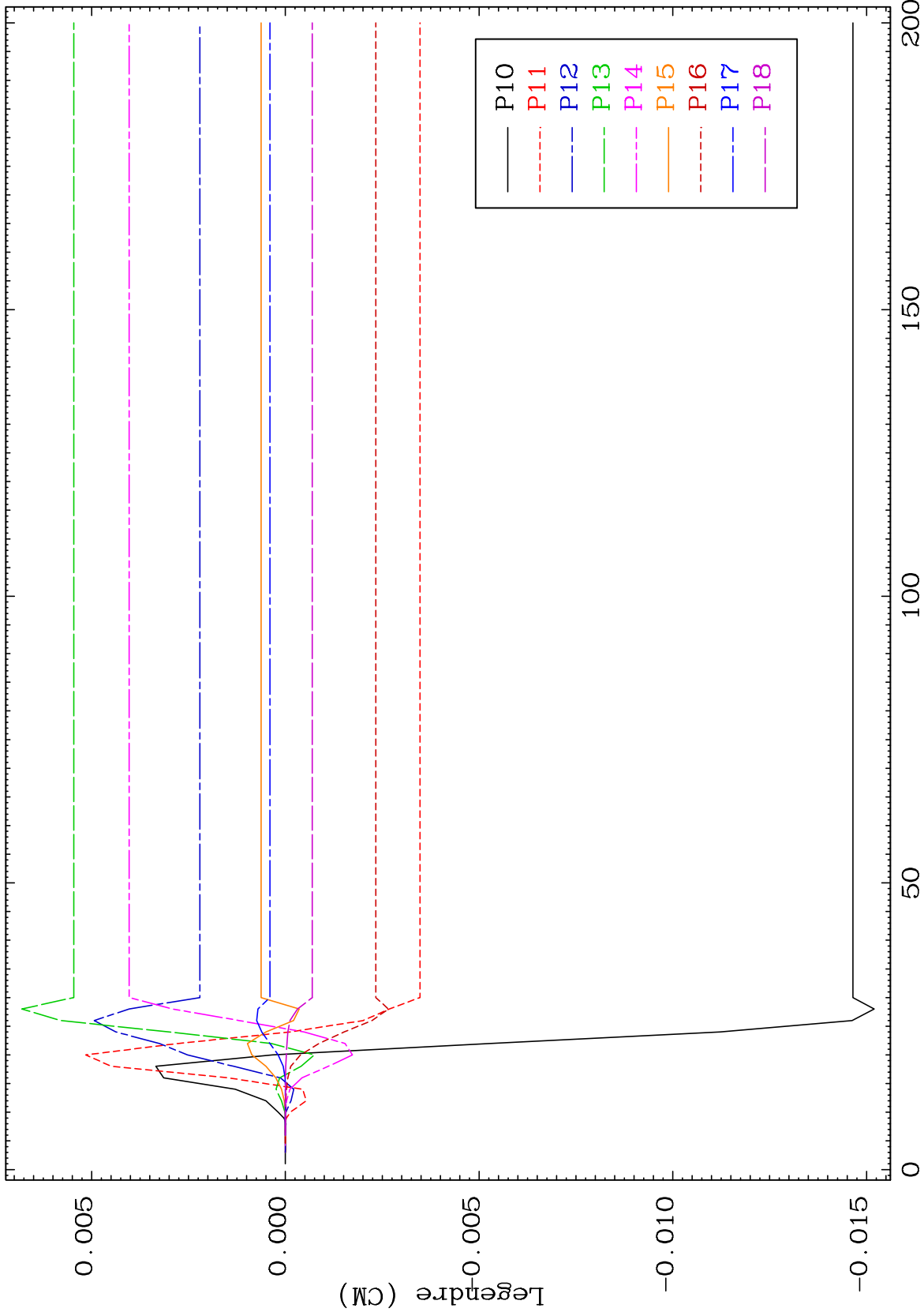
71-Lu-179



MAT 7137

35.00 keV (n,n') Level
Legendre Coefficients

71-Lu-179



21

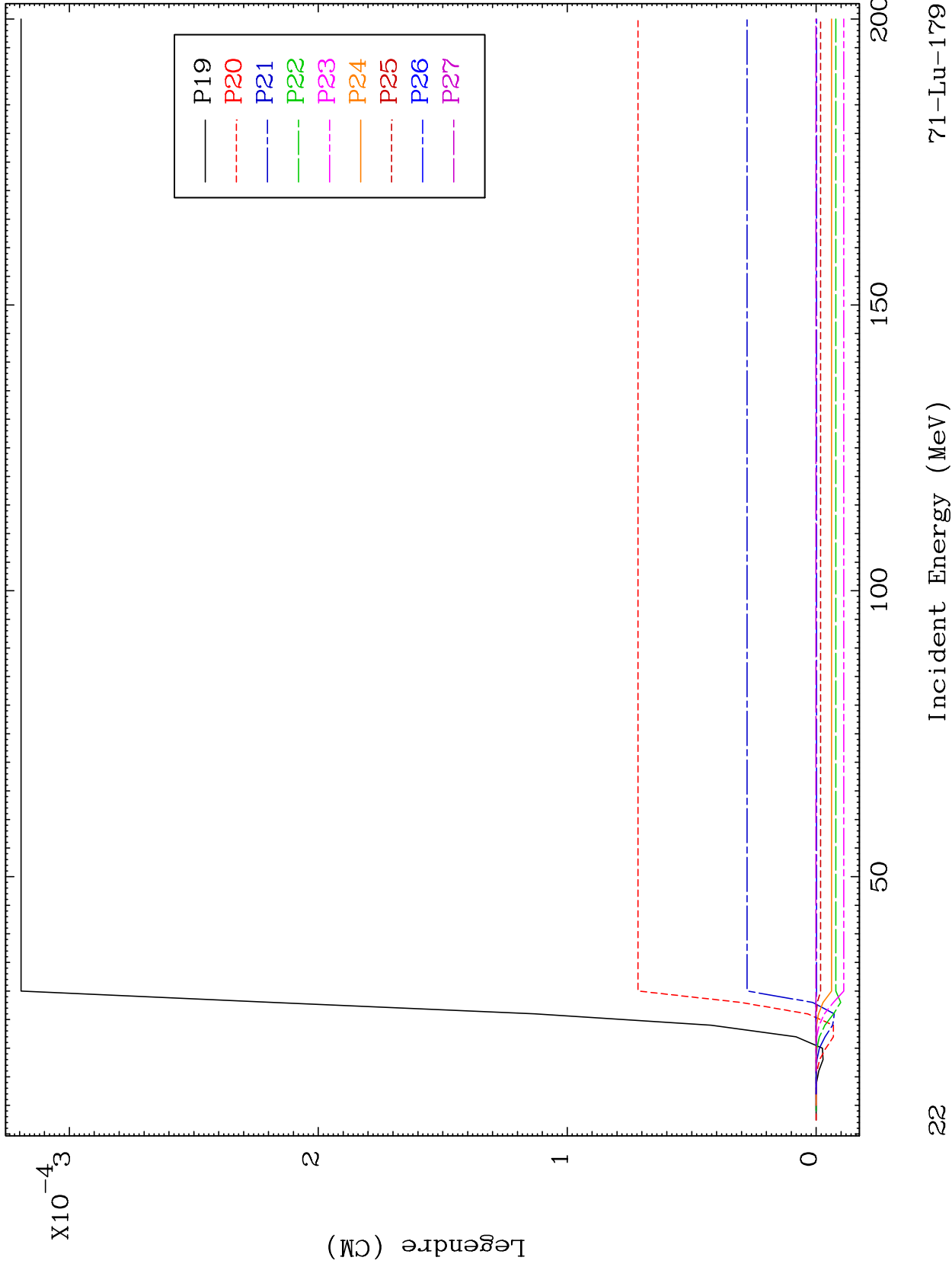
Incident Energy (MeV)

71-Lu-179

MAT 7137

35.00 keV (n,n') Level
Legendre Coefficients

71-Lu-179

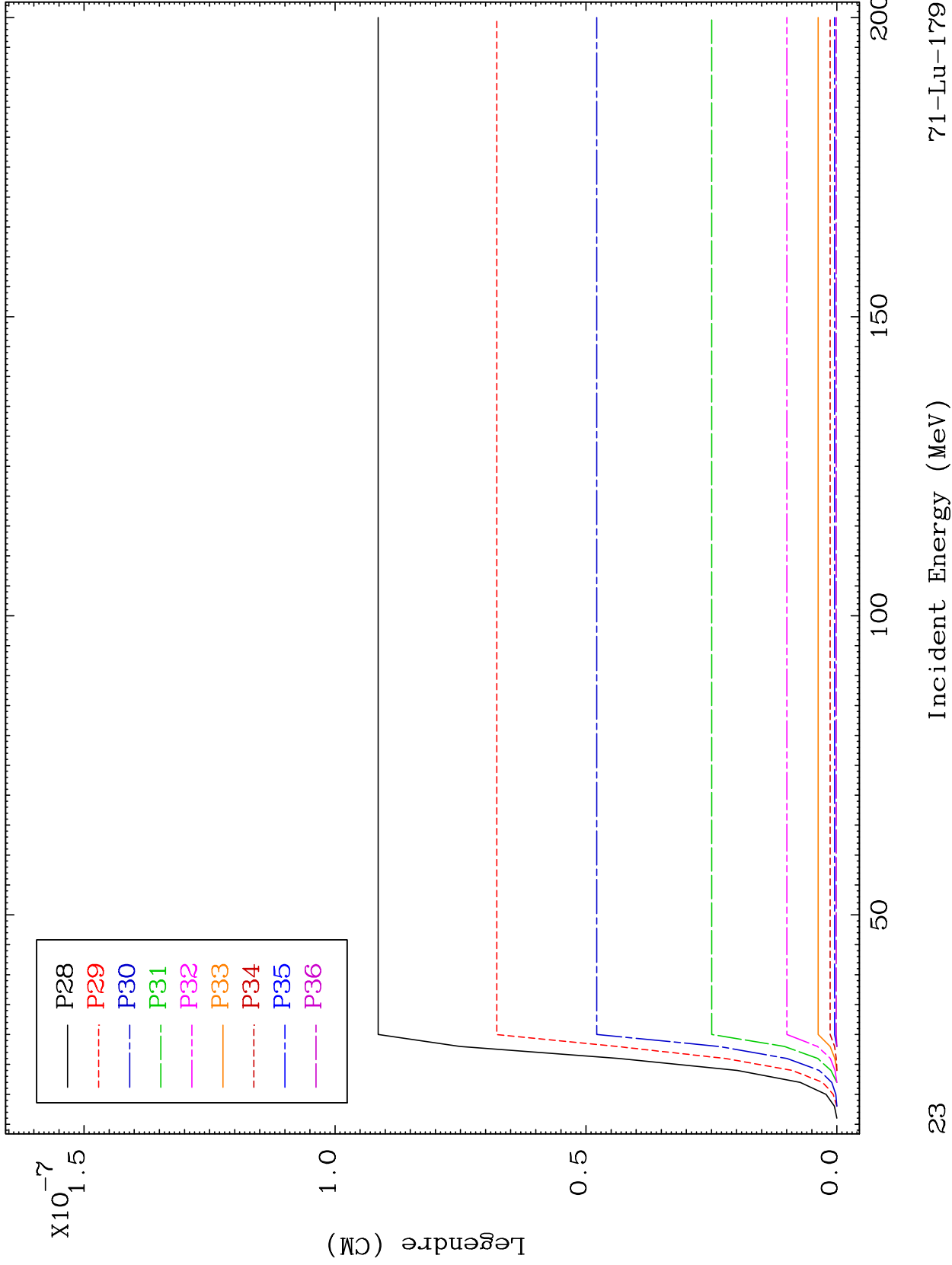


22

MAT 7137

35.00 keV (n,n') Level
Legendre Coefficients

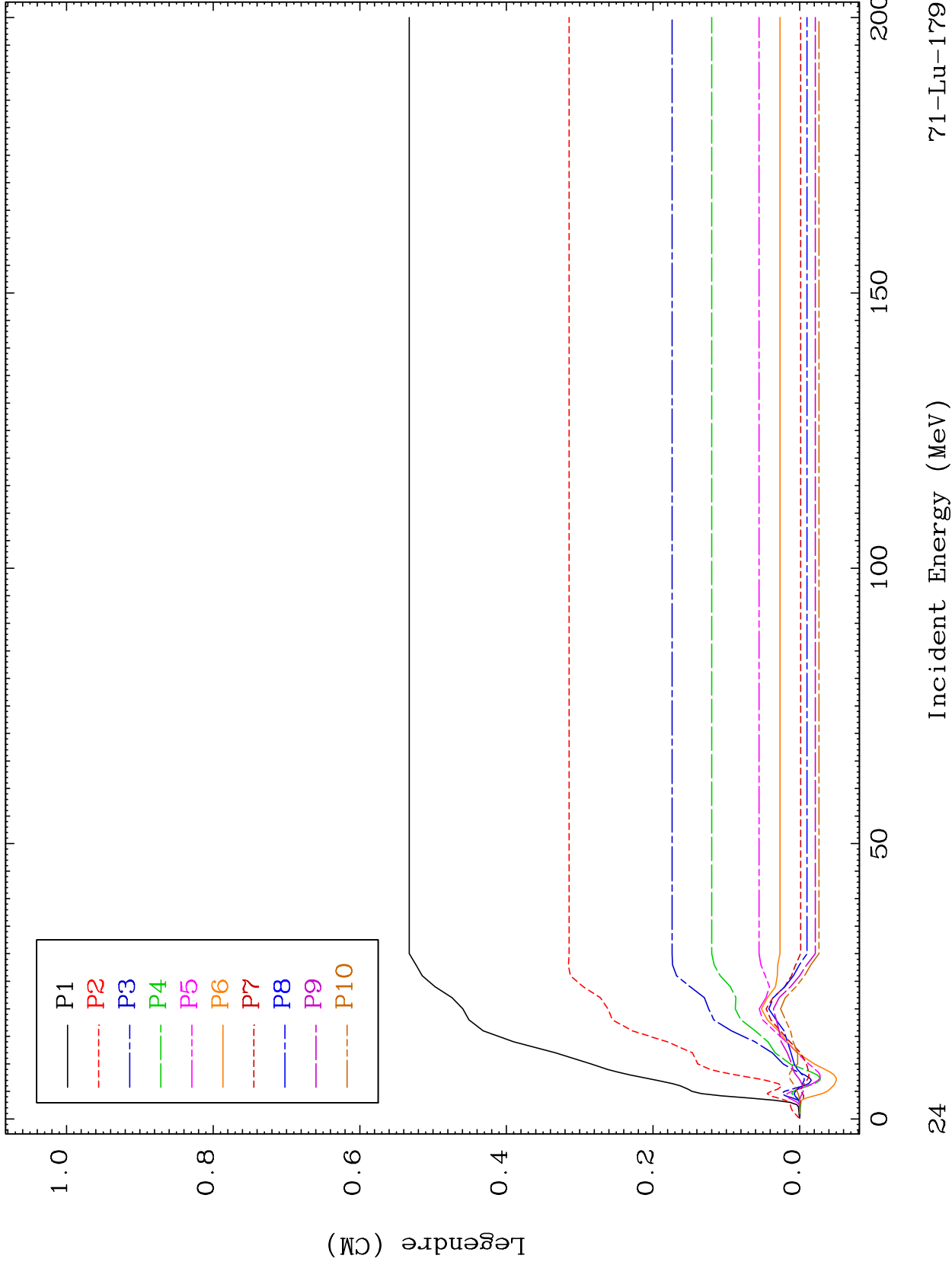
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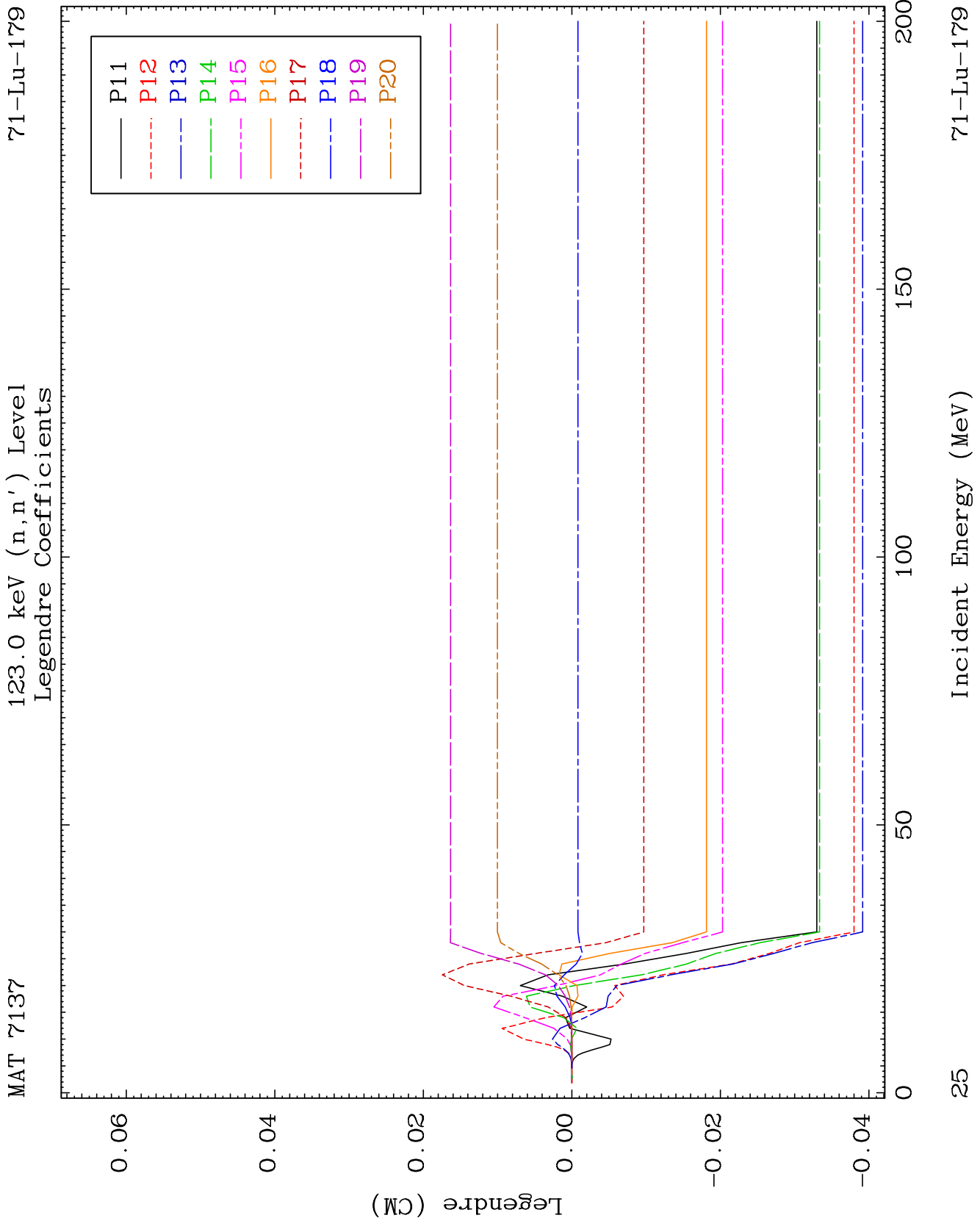


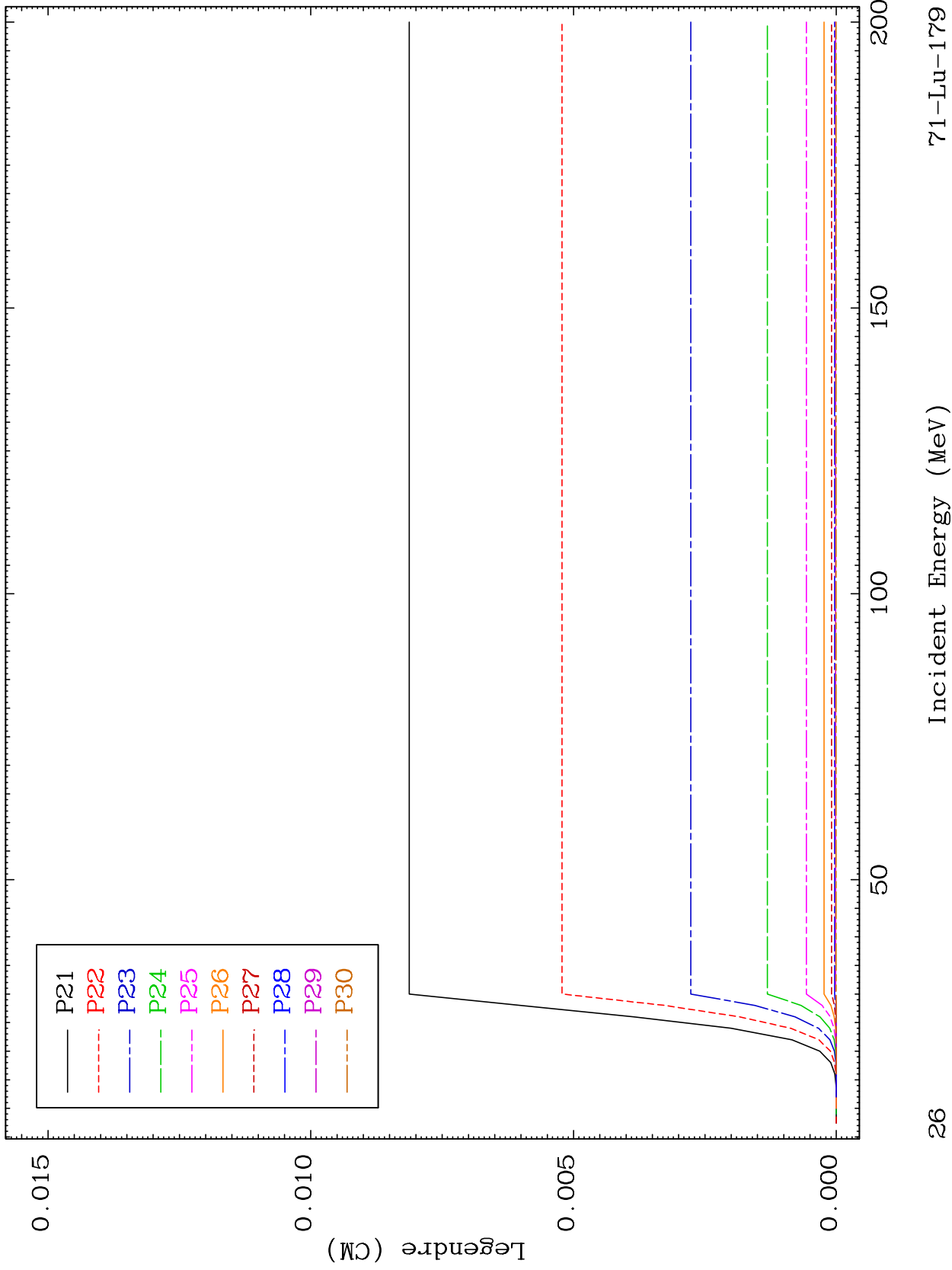
23

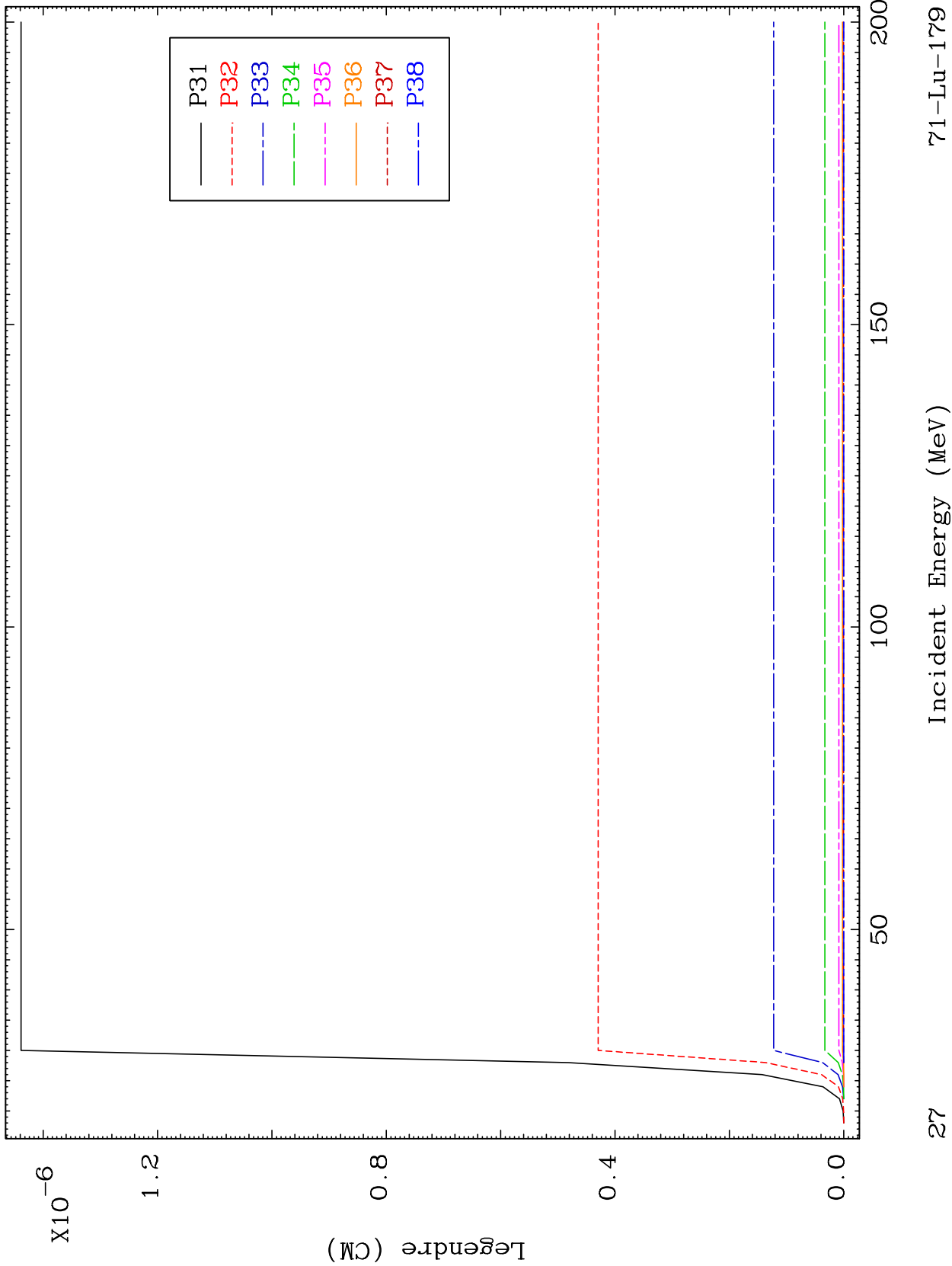
Incident Energy (MeV)

71-Lu-179





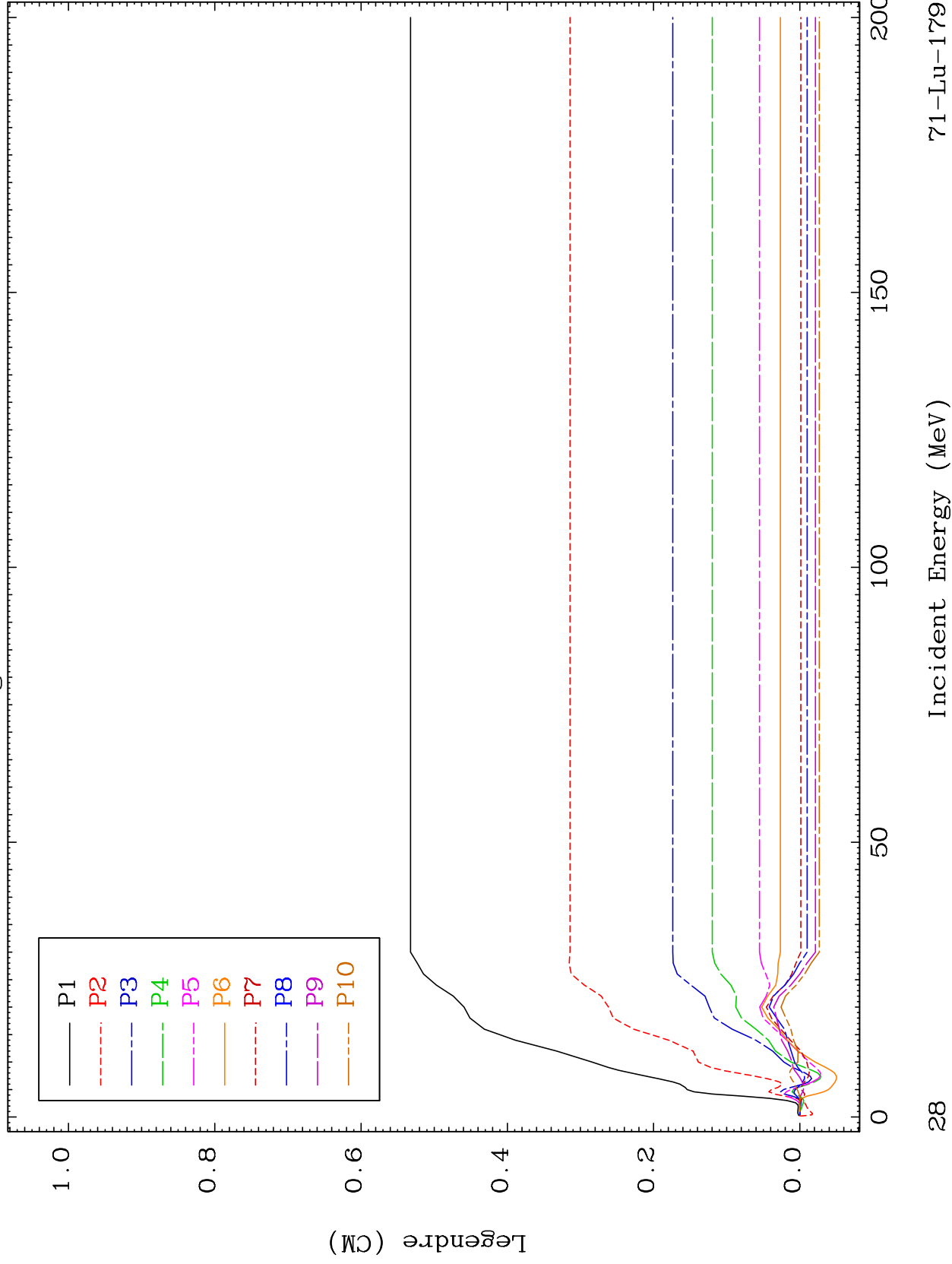




MAT 7137

186.0 keV (n, n') Level
Legendre Coefficients

⁷¹Lu-179

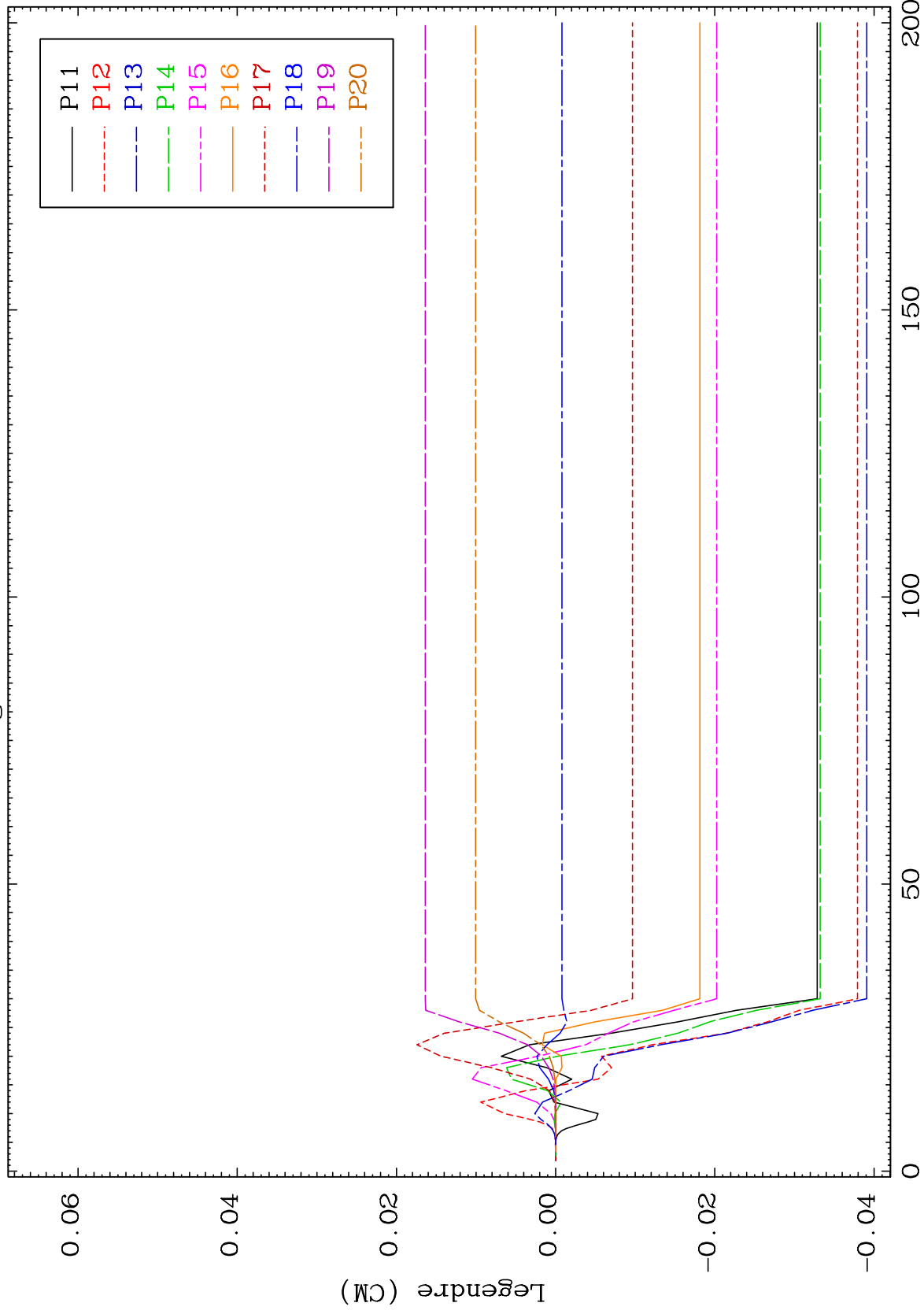


28

MAT 7137

186.0 keV (n,n') Level
Legendre Coefficients

71-Lu-179



29

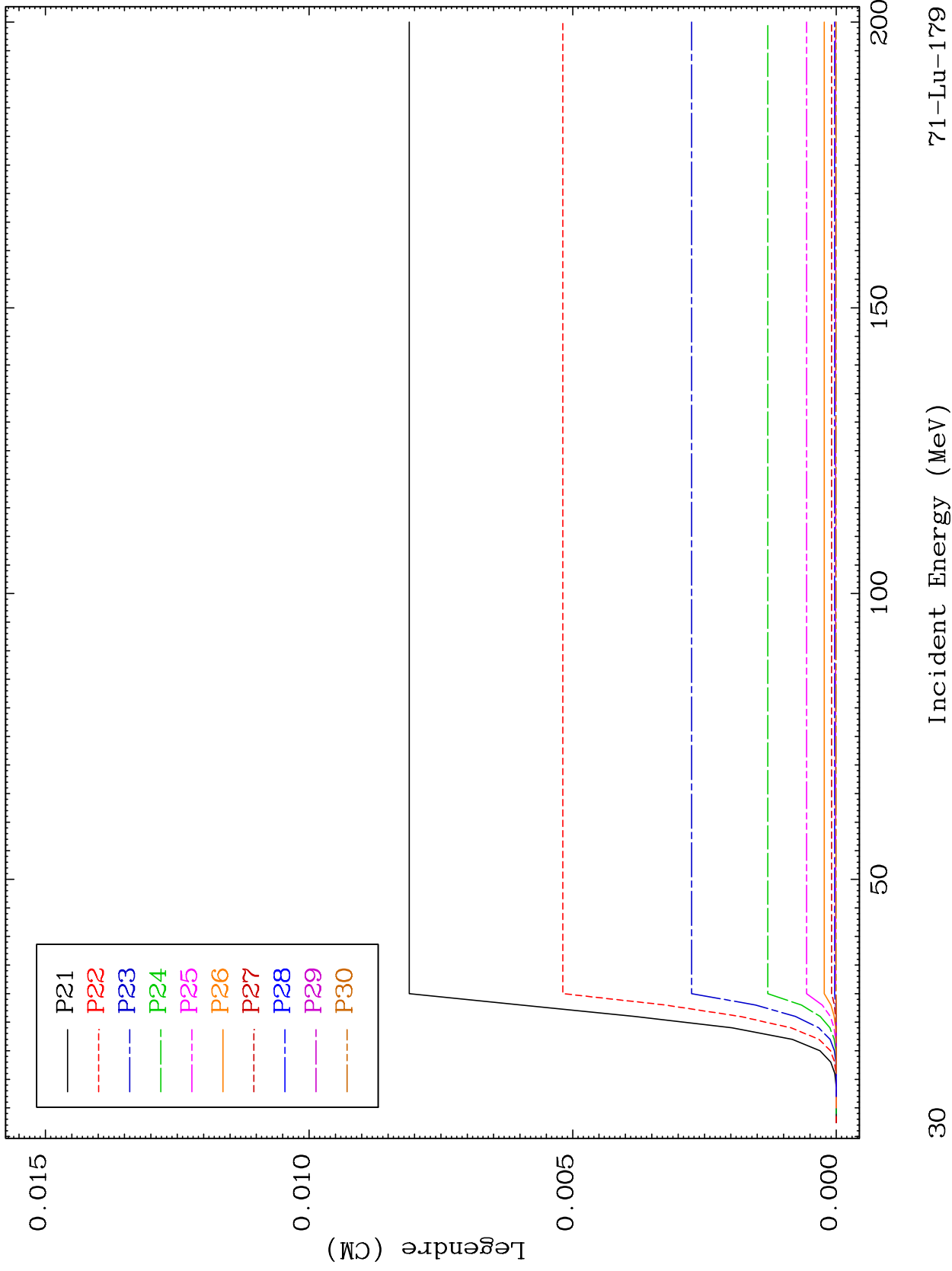
Incident Energy (MeV)

71-Lu-179

MAT 7137

186.0 keV (n,n') Level
Legendre Coefficients

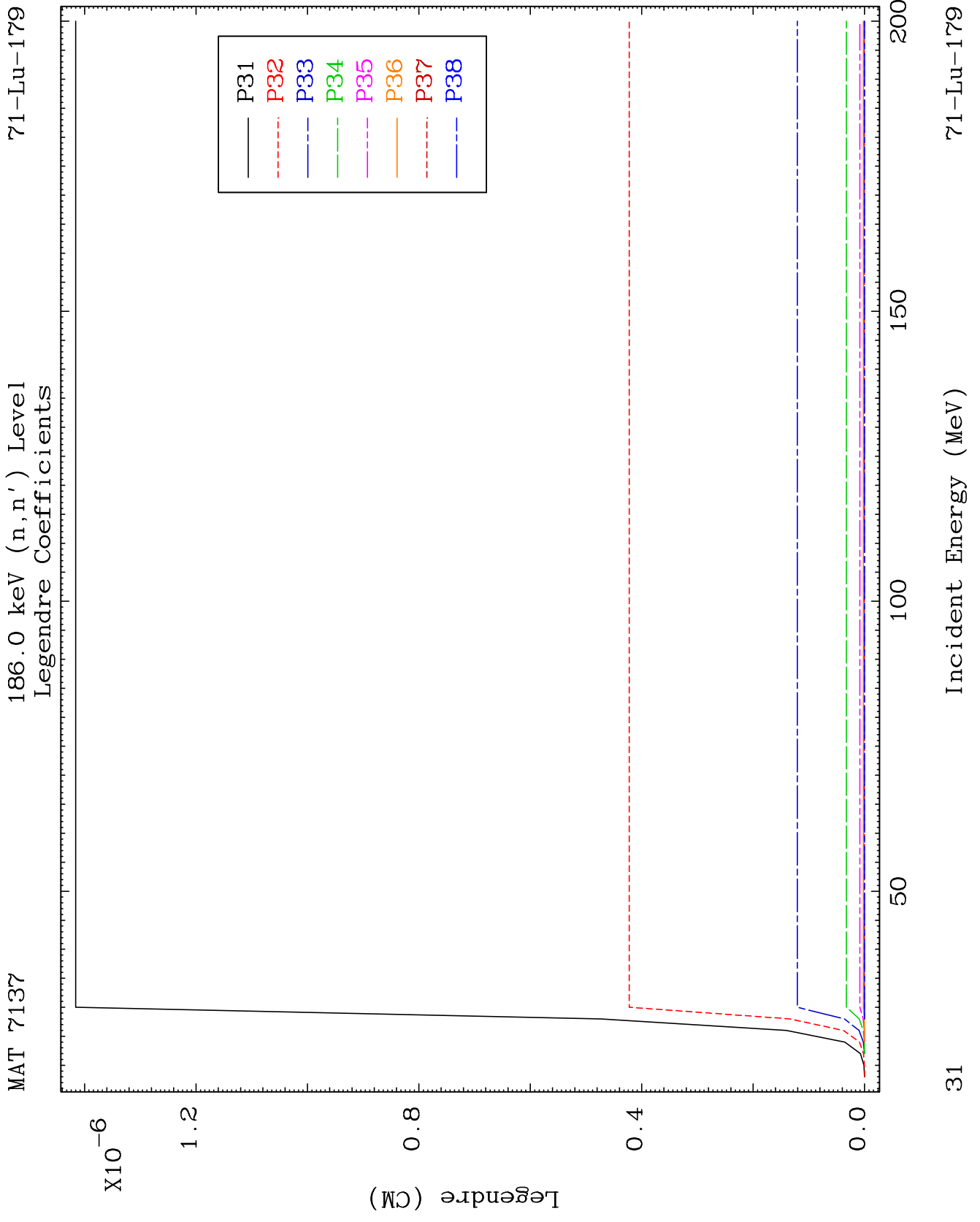
71-Lu-179



71-Lu-179

Incident Energy (MeV)

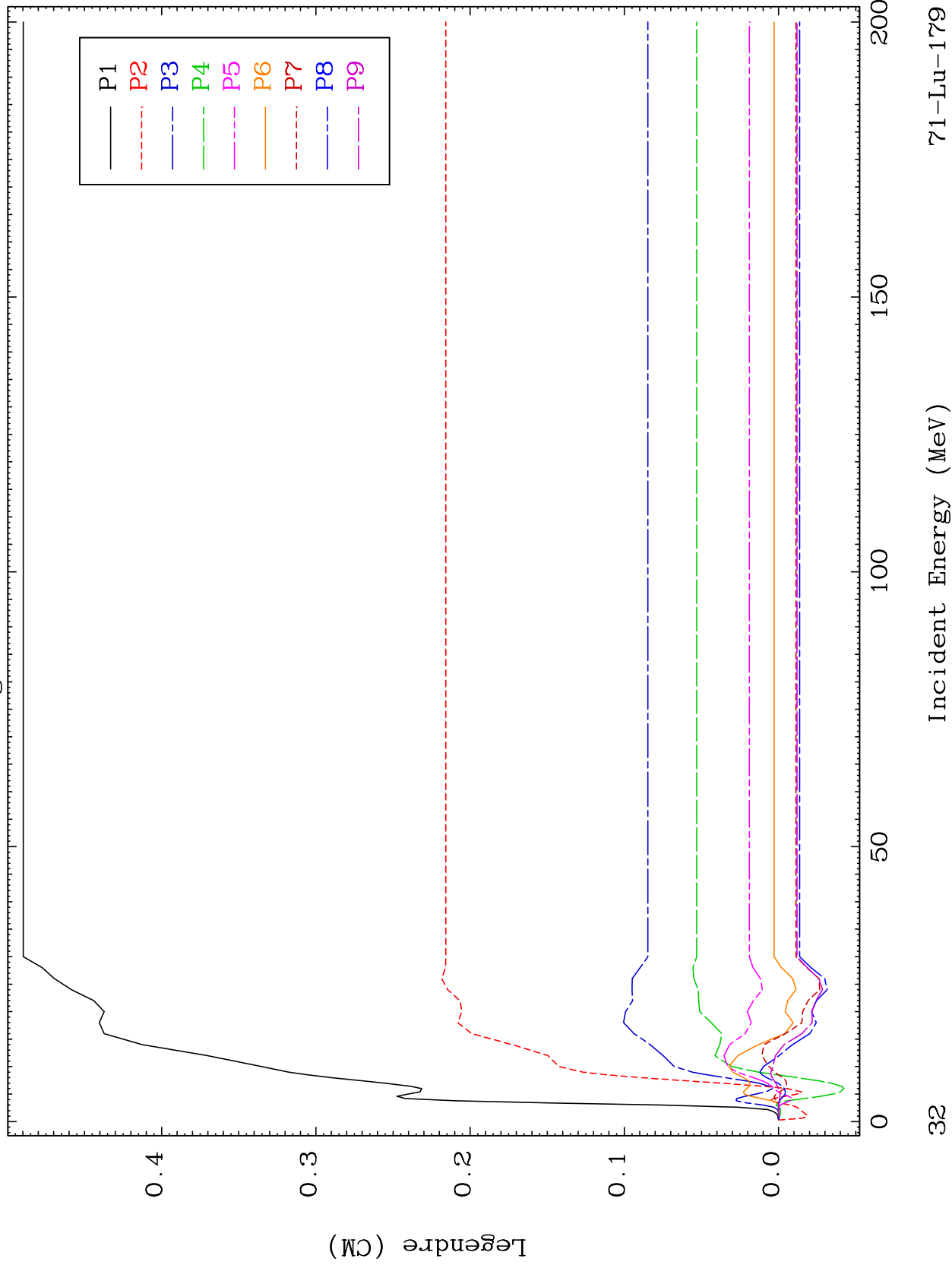
30



MAT 7137

273.0 keV (n,n') Level
Legendre Coefficients

71-Lu-179



32

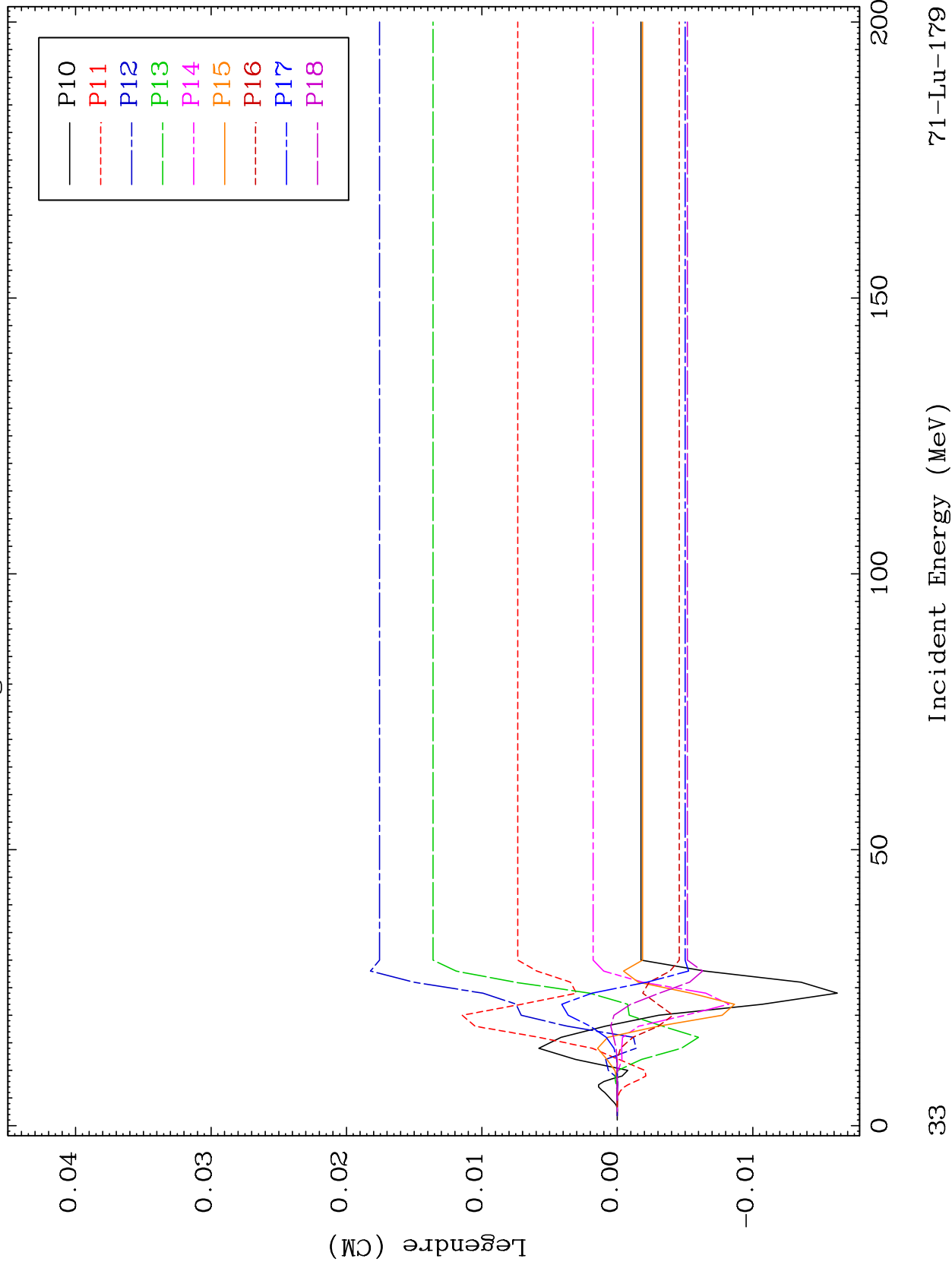
Incident Energy (MeV)

71-Lu-179

MAT 7137

273.0 keV (n,n') Level
Legendre Coefficients

71-Lu-179



71-Lu-179

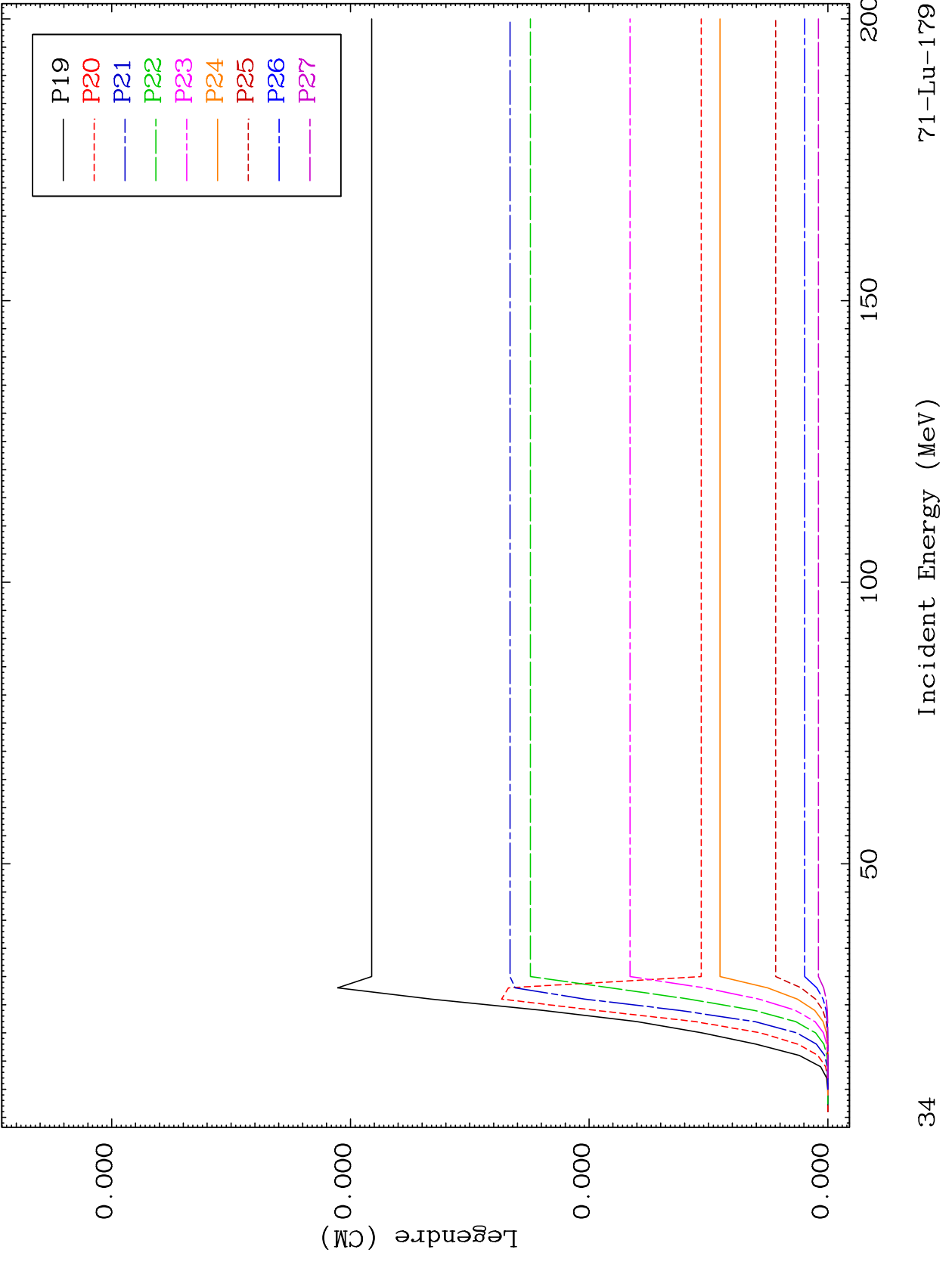
Incident Energy (MeV)

33

MAT 7137

273.0 keV (n,n') Level
Legendre Coefficients

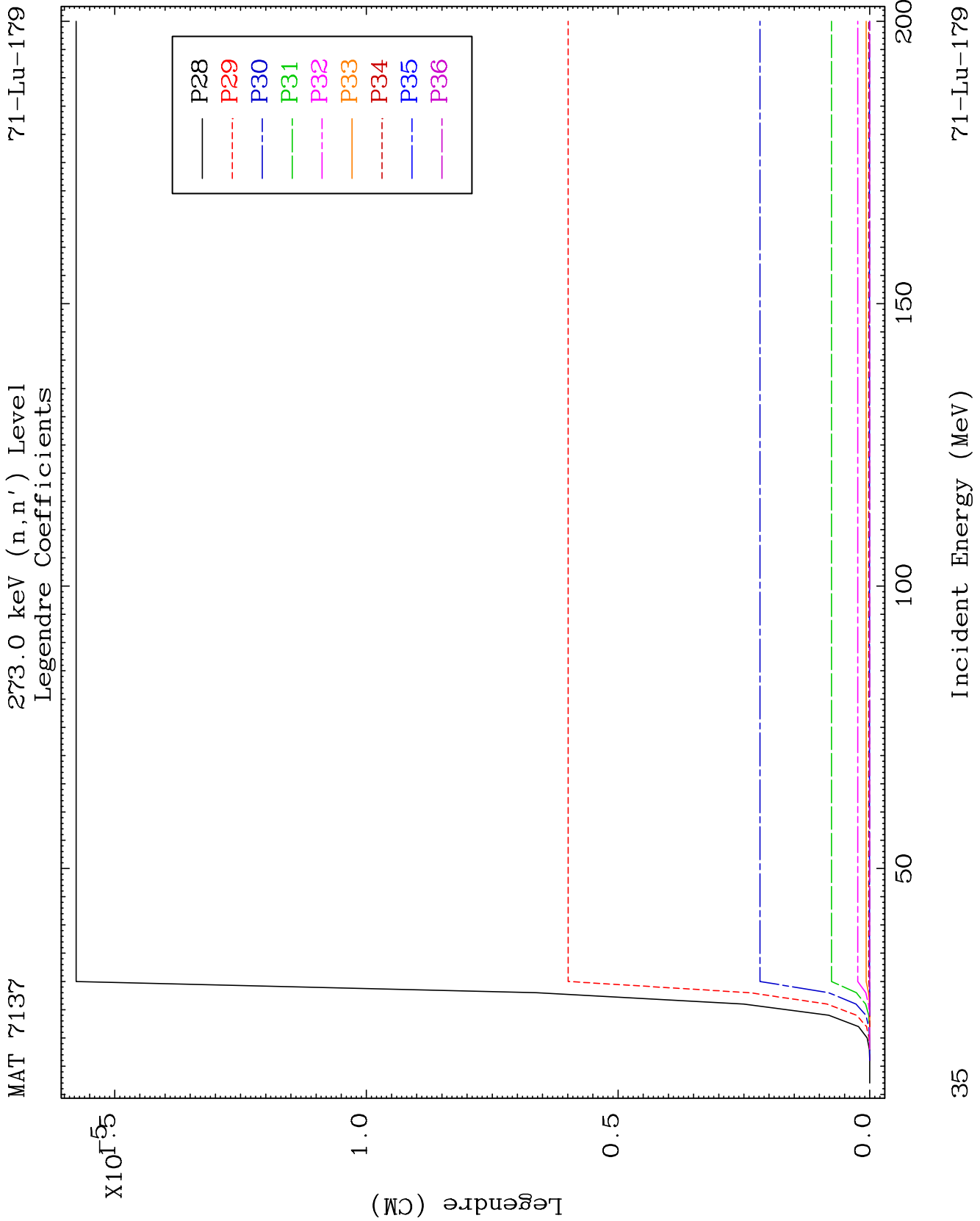
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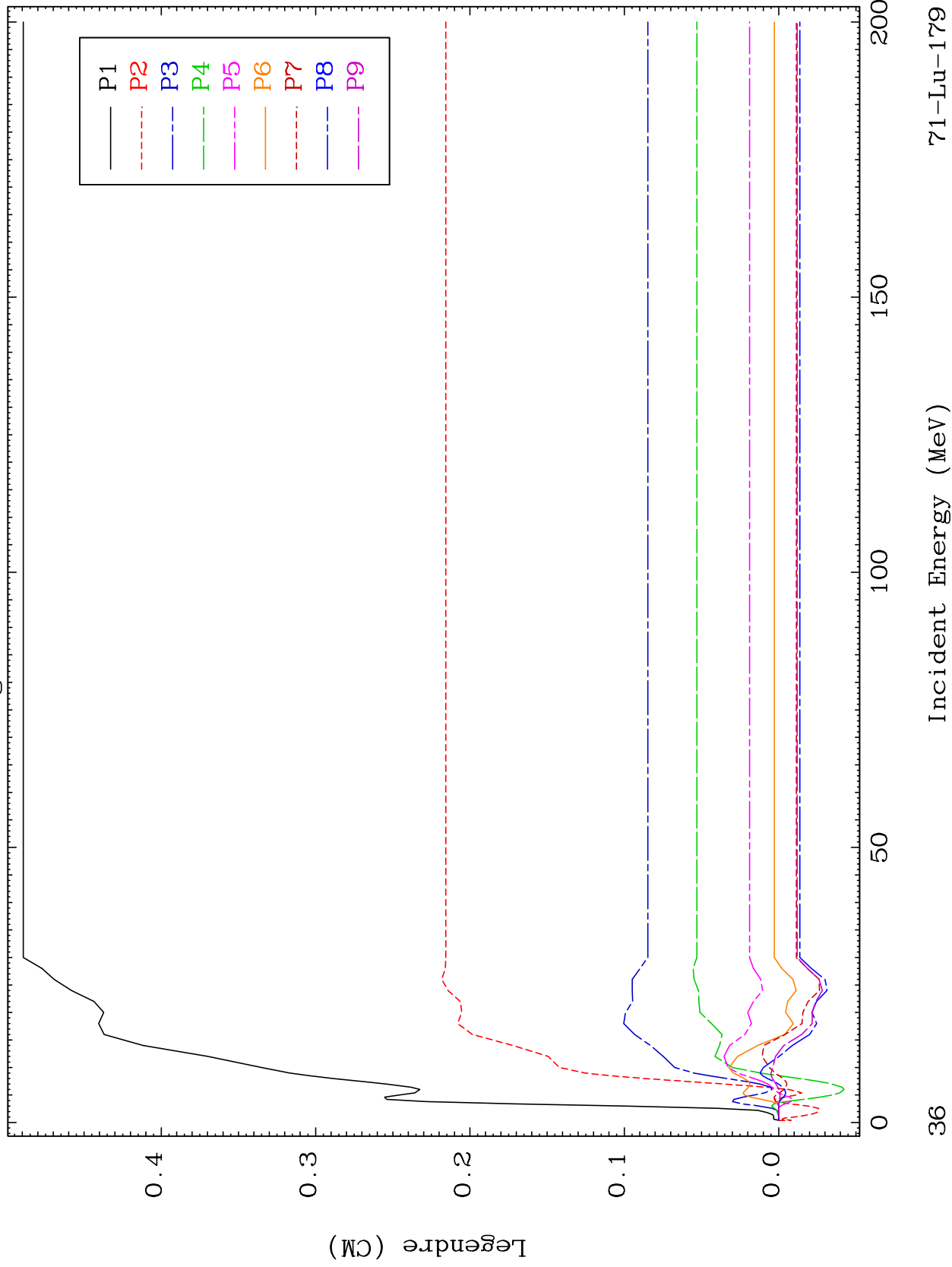


34

Incident Energy (MeV)

71-Lu-179

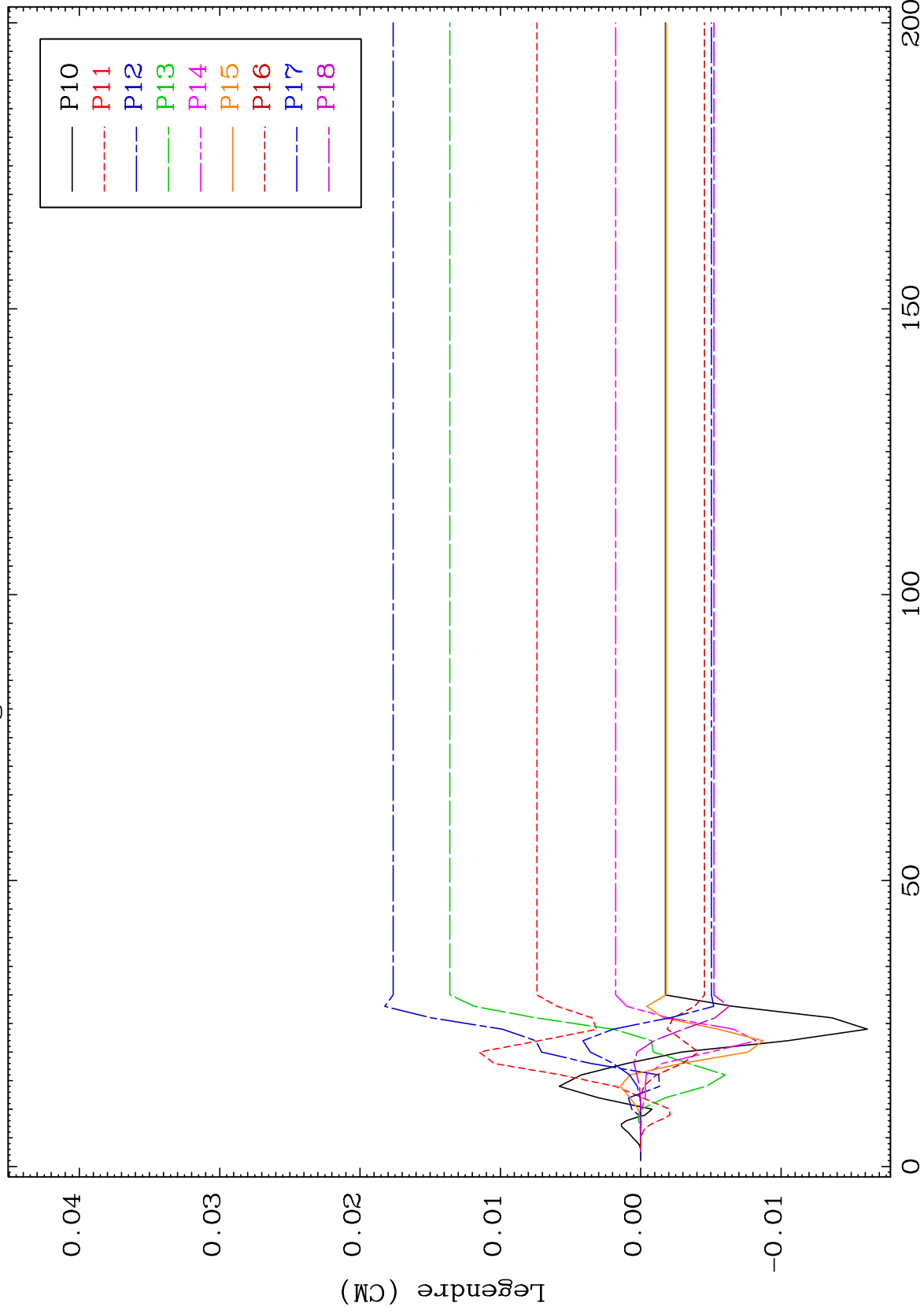




MAT 7137

357.0 keV (n,n') Level
Legendre Coefficients

71-Lu-179



37

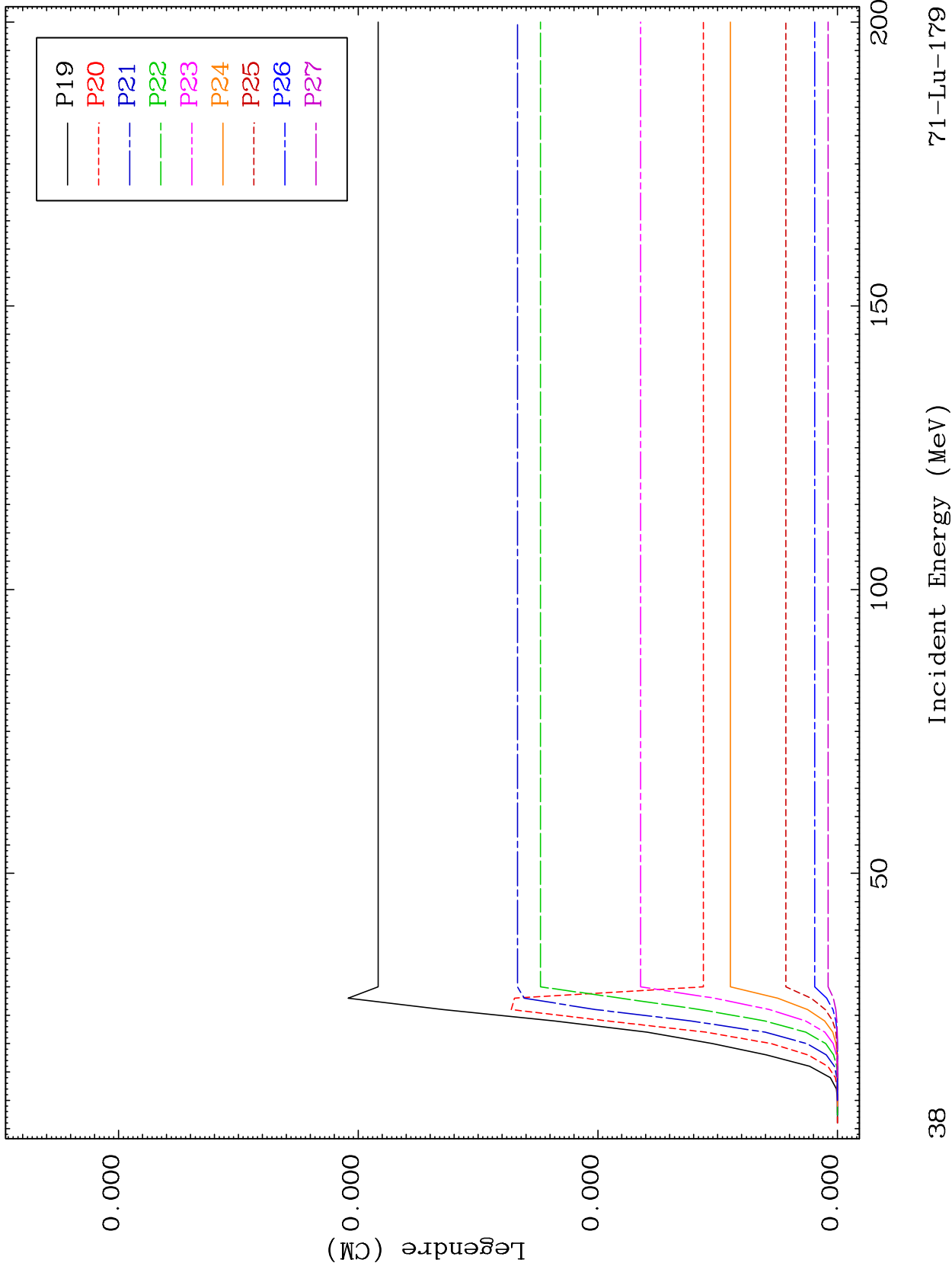
Incident Energy (MeV)

71-Lu-179

MAT 7137

357.0 keV (n,n') Level
Legendre Coefficients

71-Lu-179



38

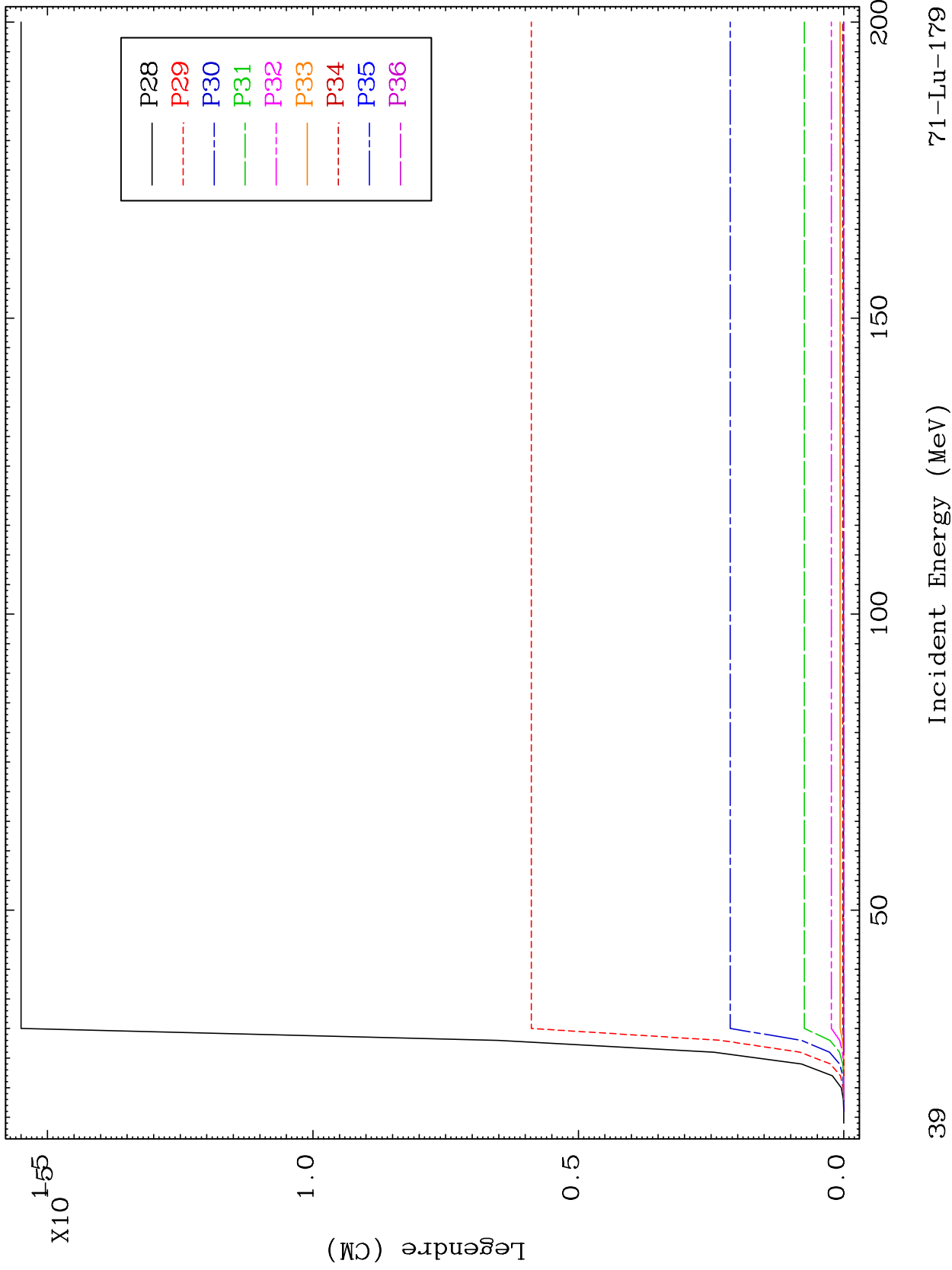
Incident Energy (MeV)

71-Lu-179

MAT 7137

357.0 keV (n, n') Level
Legendre Coefficients

71-Lu-179



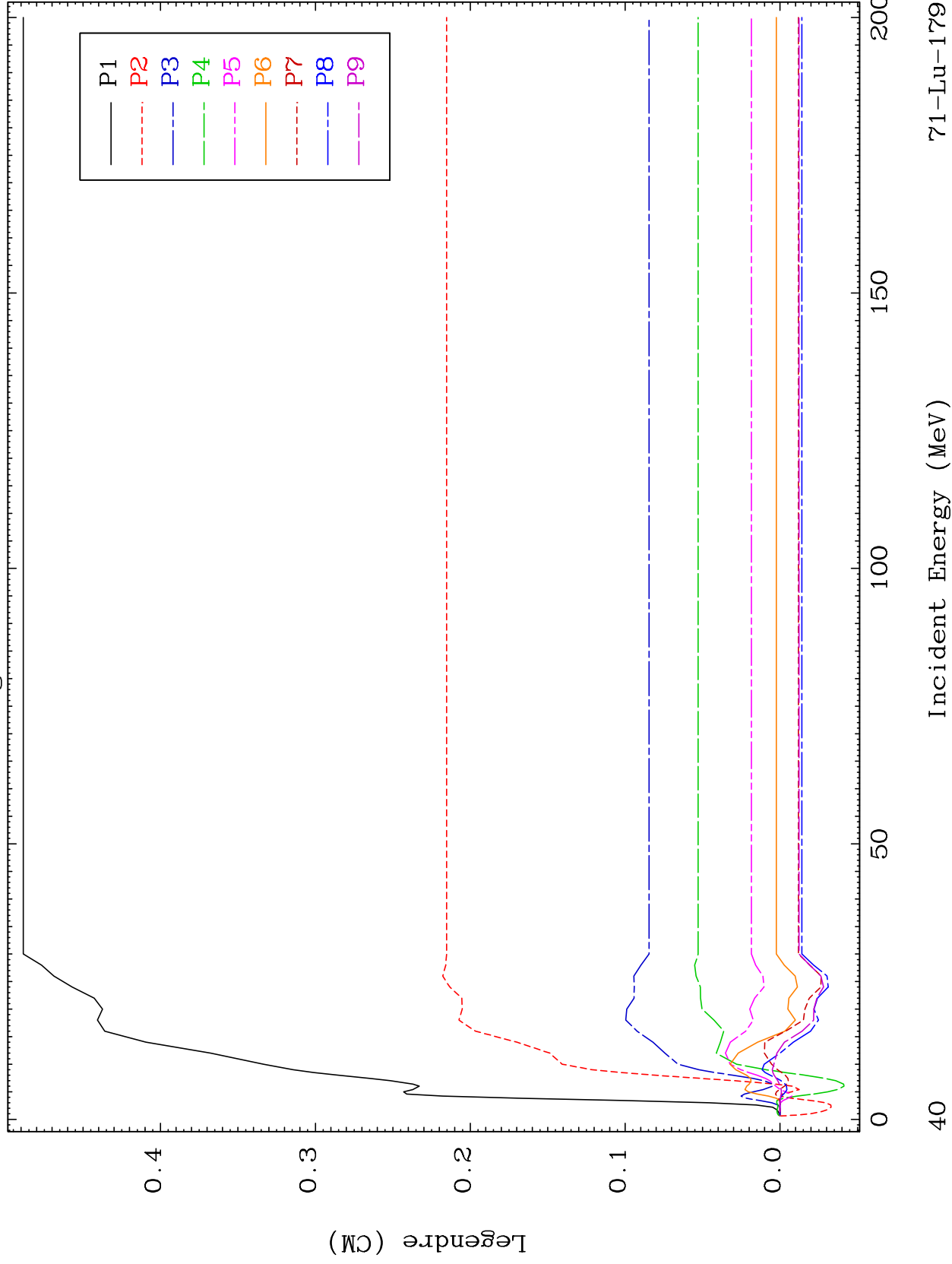
39

71-Lu-179

MAT 7137

592.4 keV (n,n') Level
Legendre Coefficients

71-Lu-179

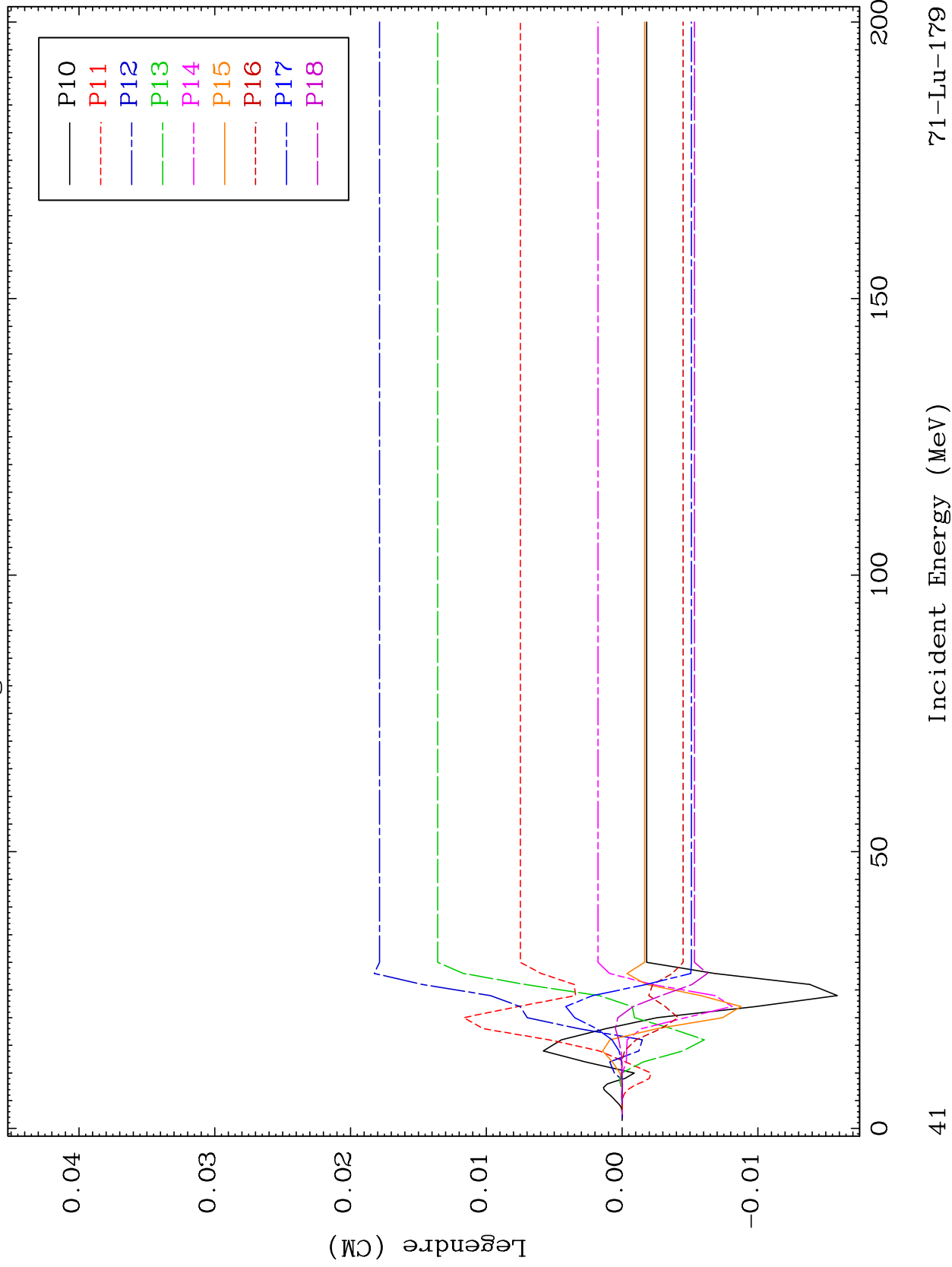


71-Lu-179

MAT 7137

592.4 keV (n,n') Level
Legendre Coefficients

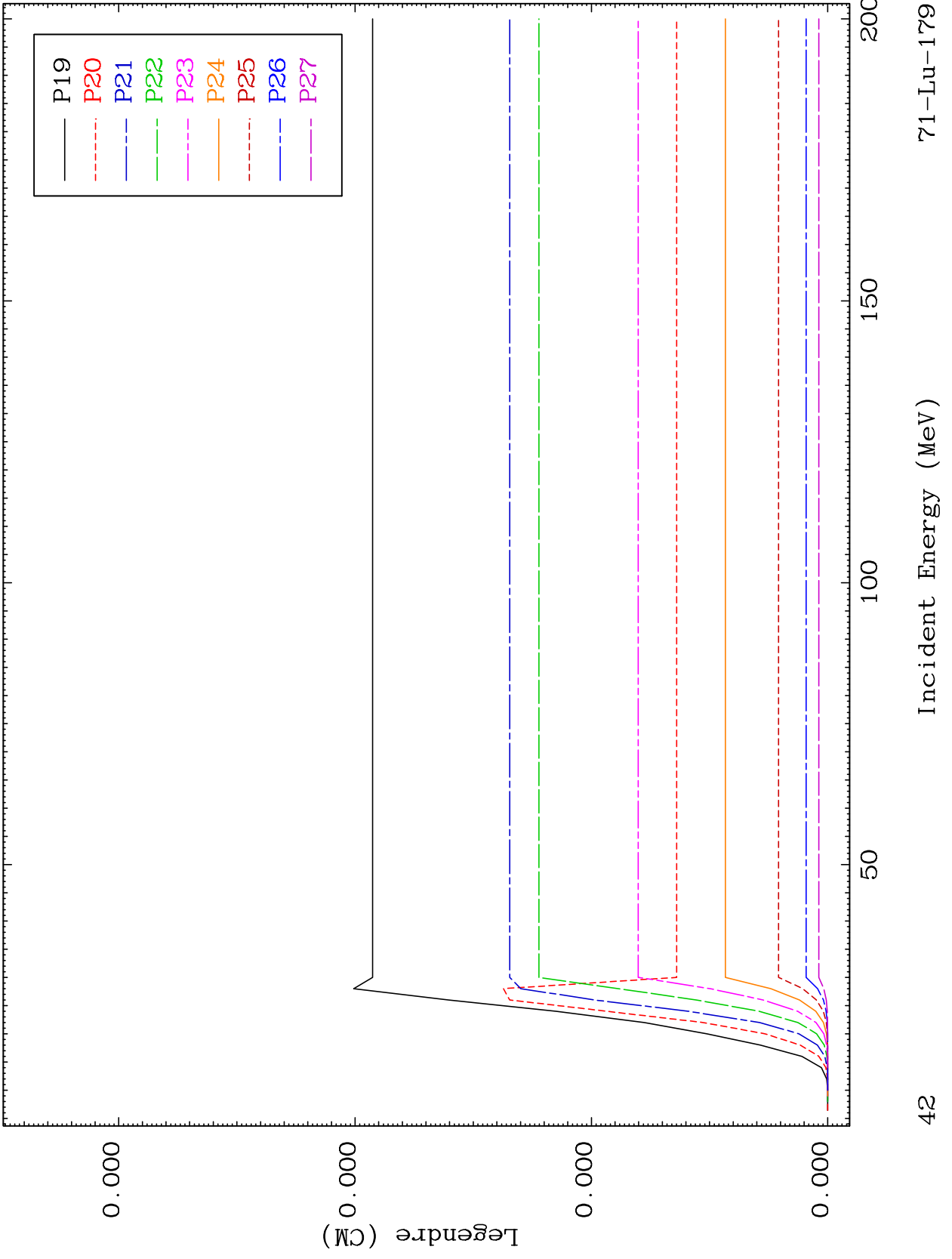
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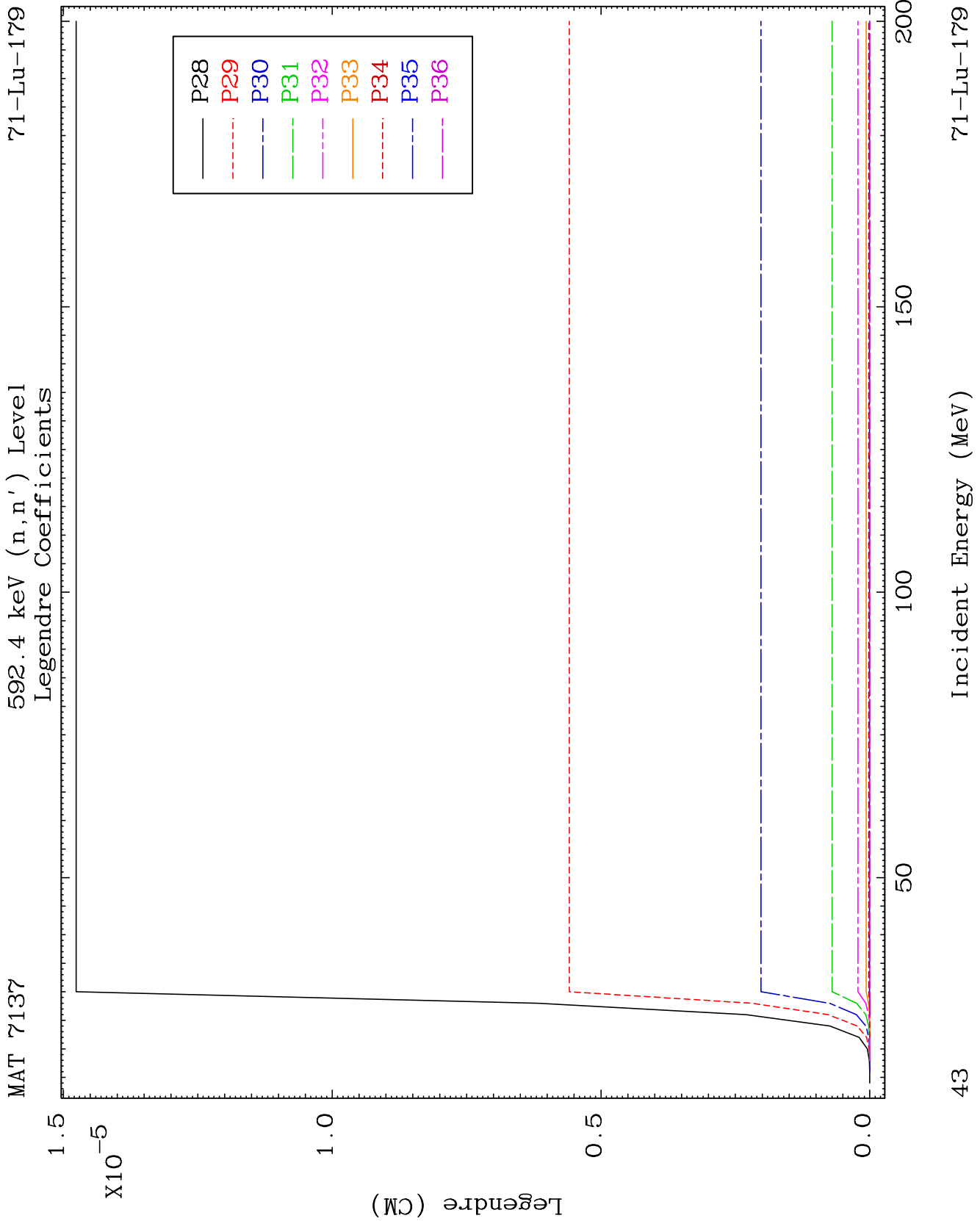


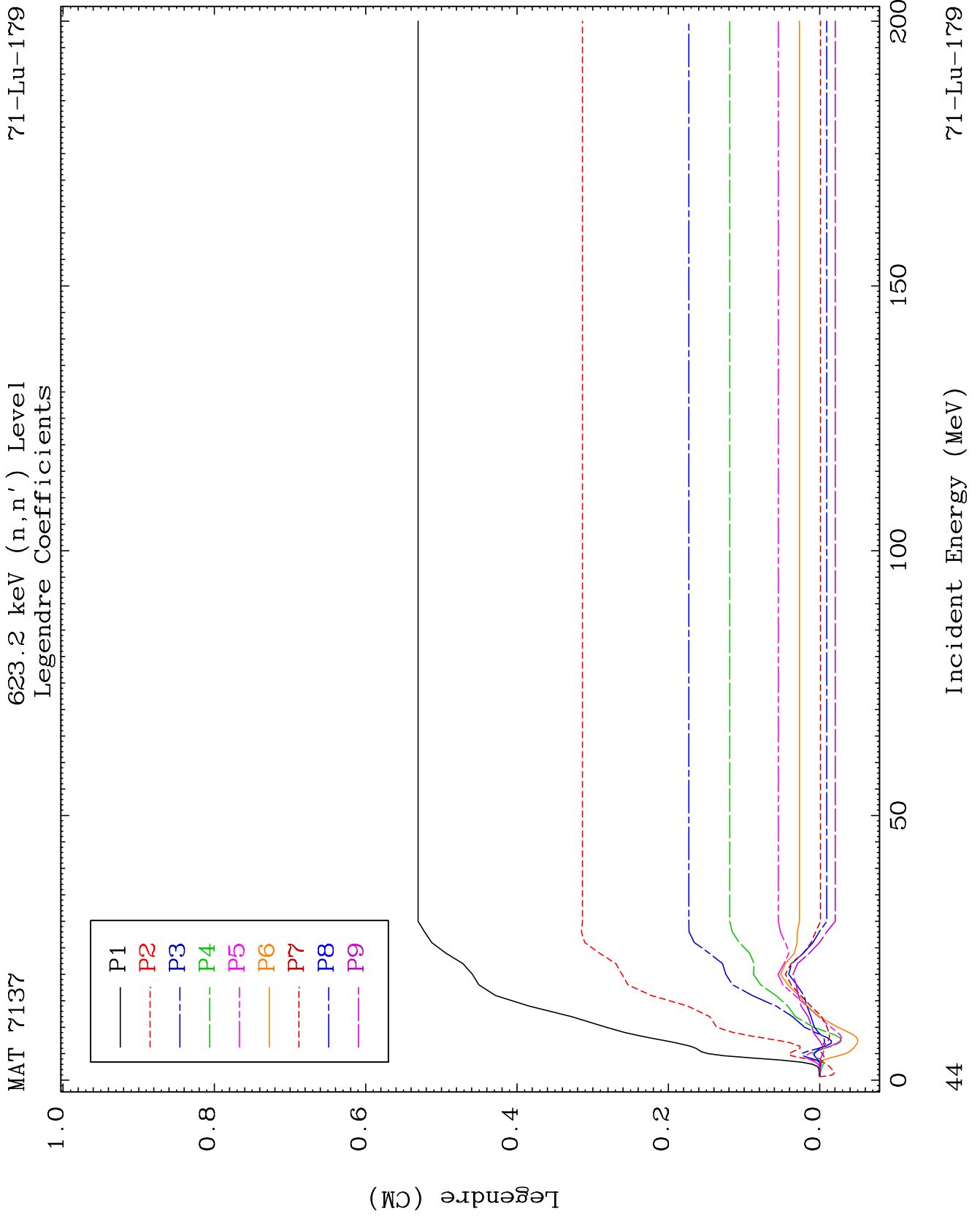
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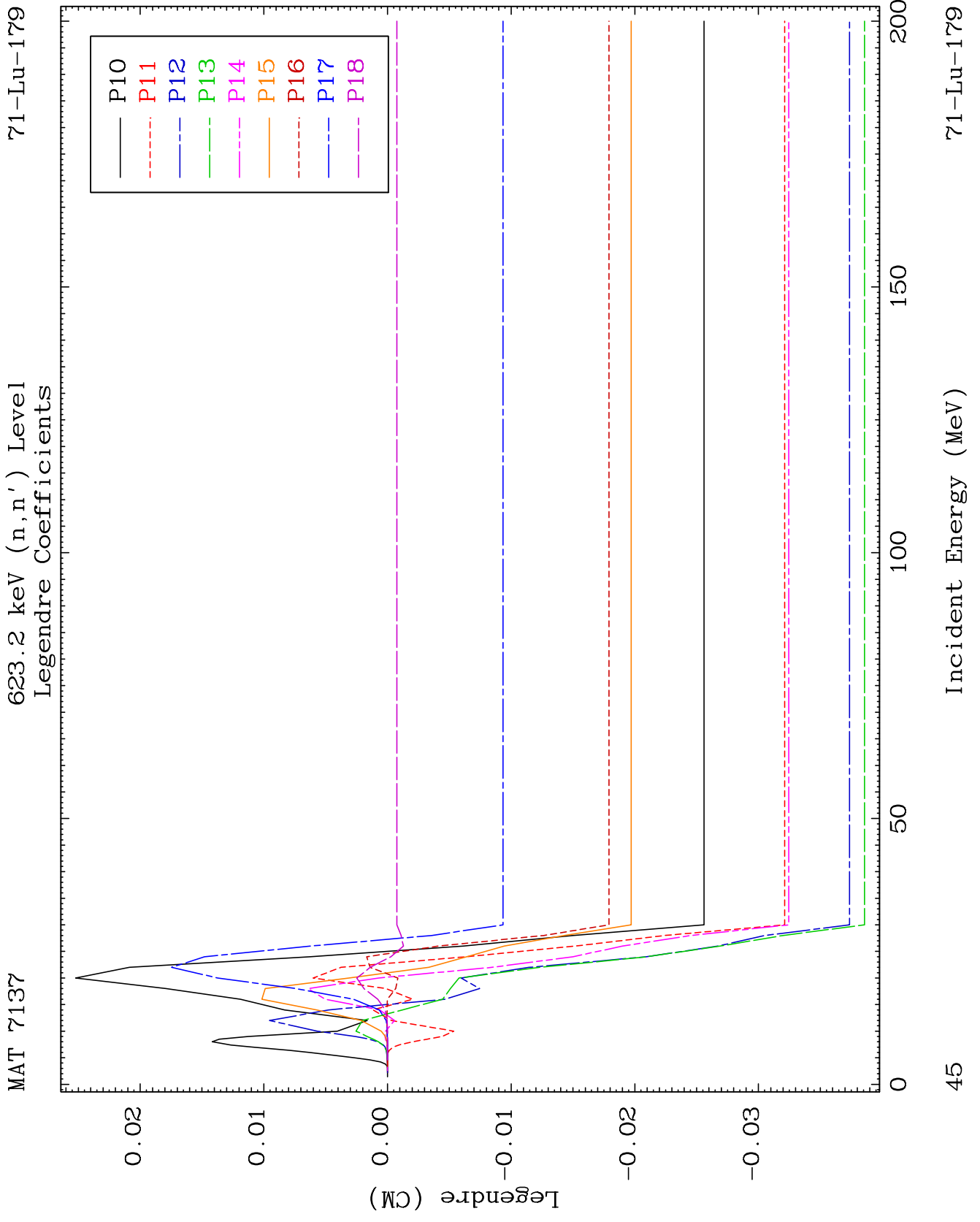
Incident Energy (MeV)

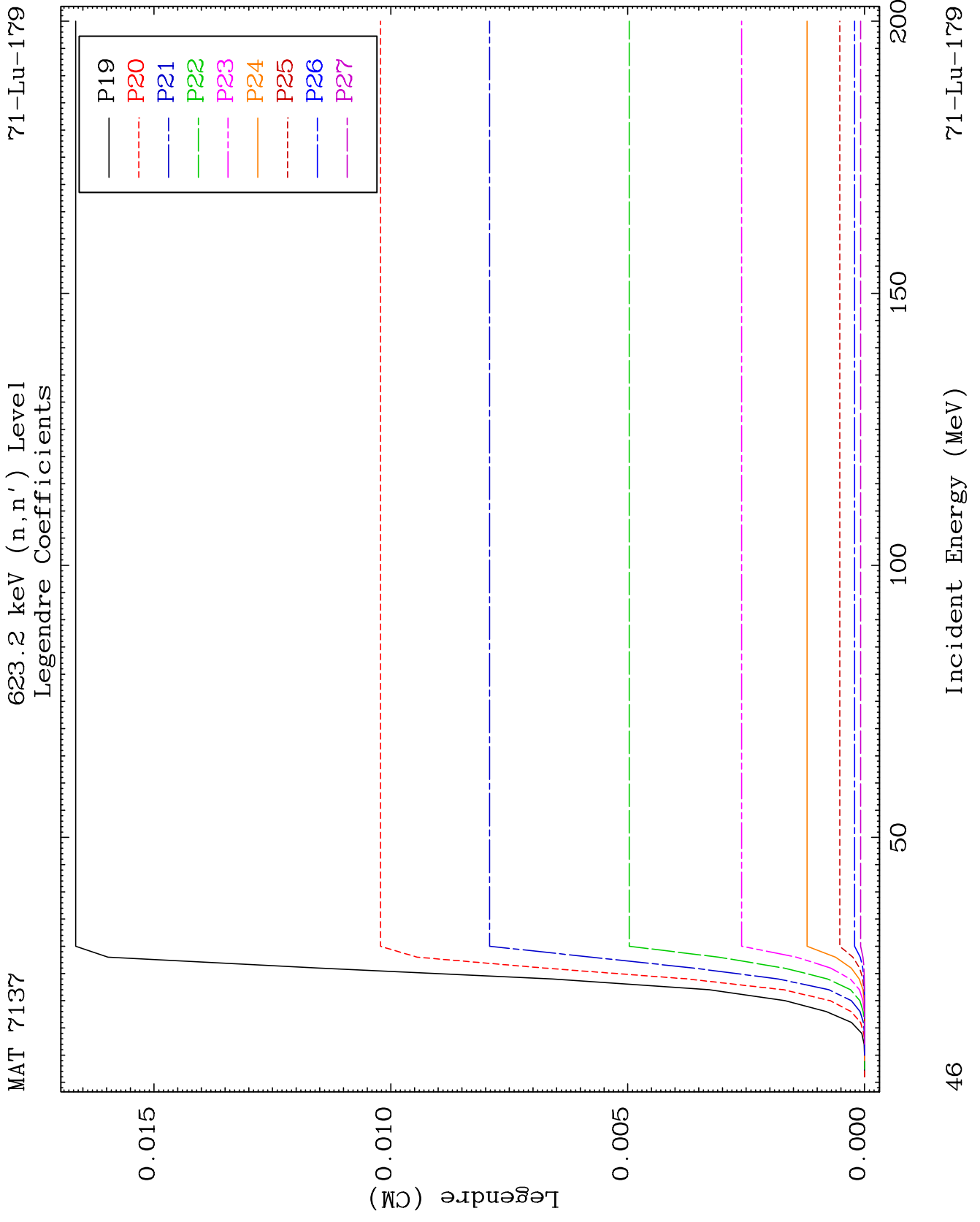
71-Lu-179







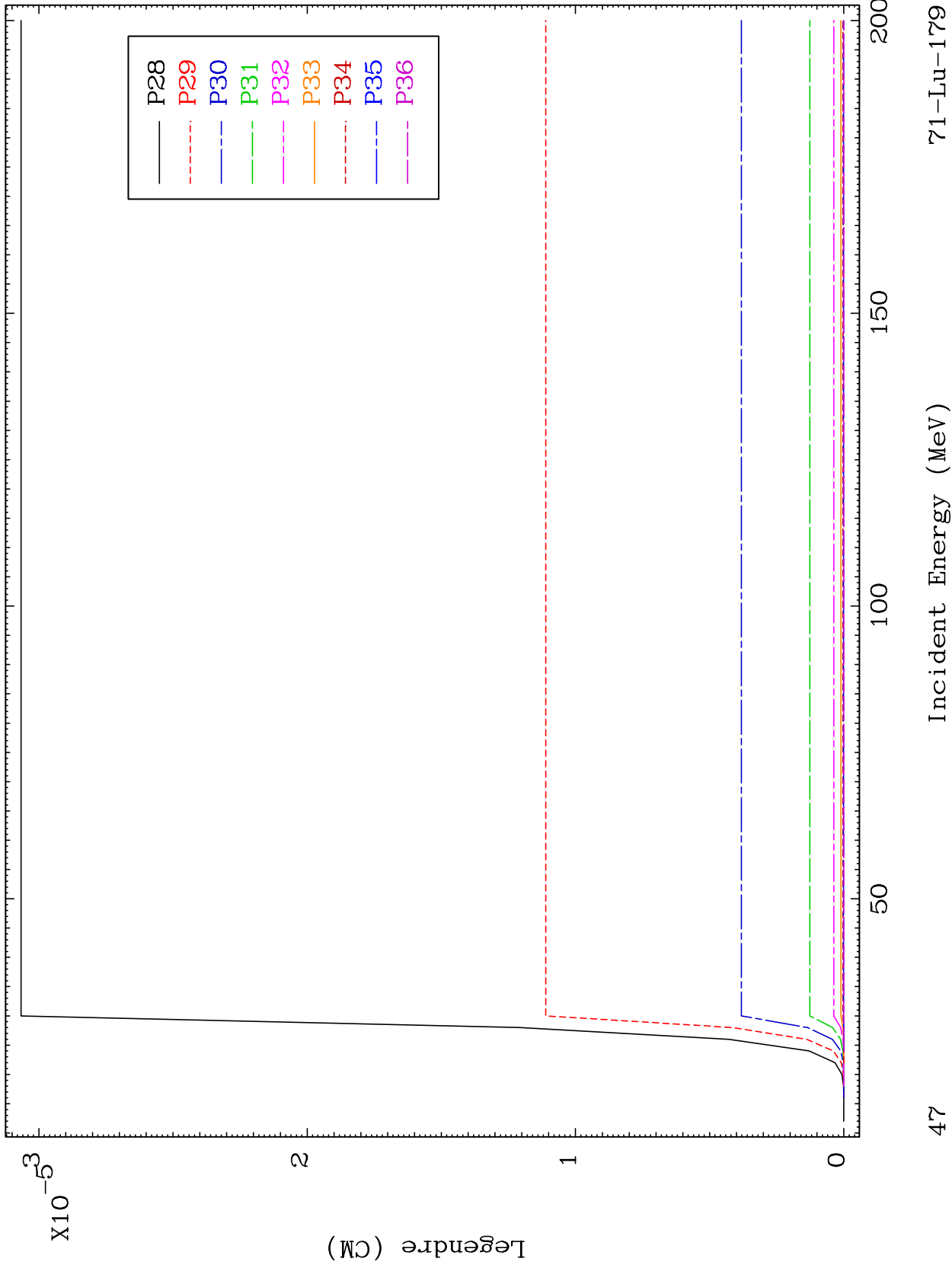




MAT 7137

623.2 keV (n,n') Level
Legendre Coefficients

71-Lu-179



47

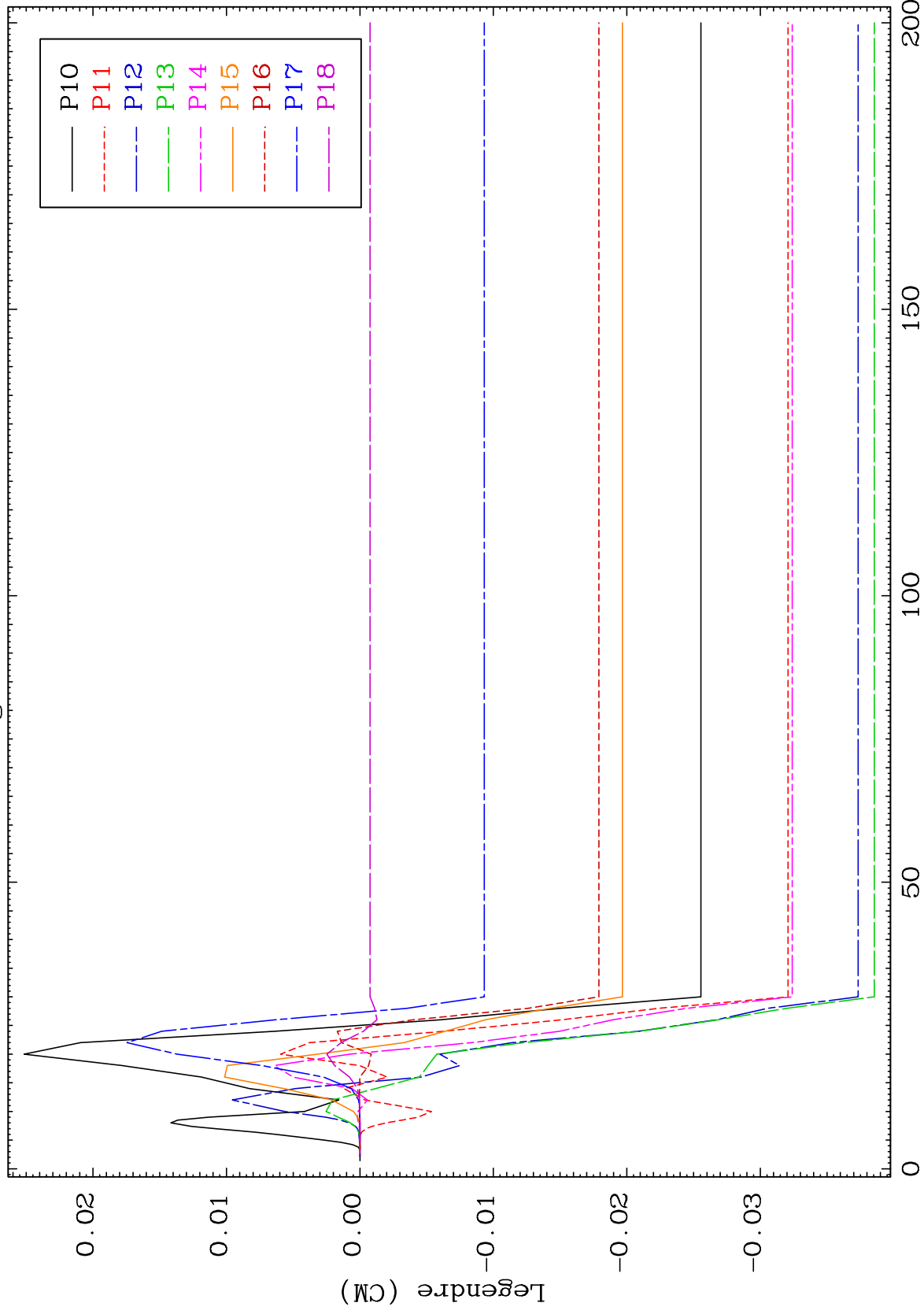
Incident Energy (MeV)

71-Lu-179

MAT 7137

653.4 keV (n, n') Level
Legendre Coefficients

71-Lu-179



49

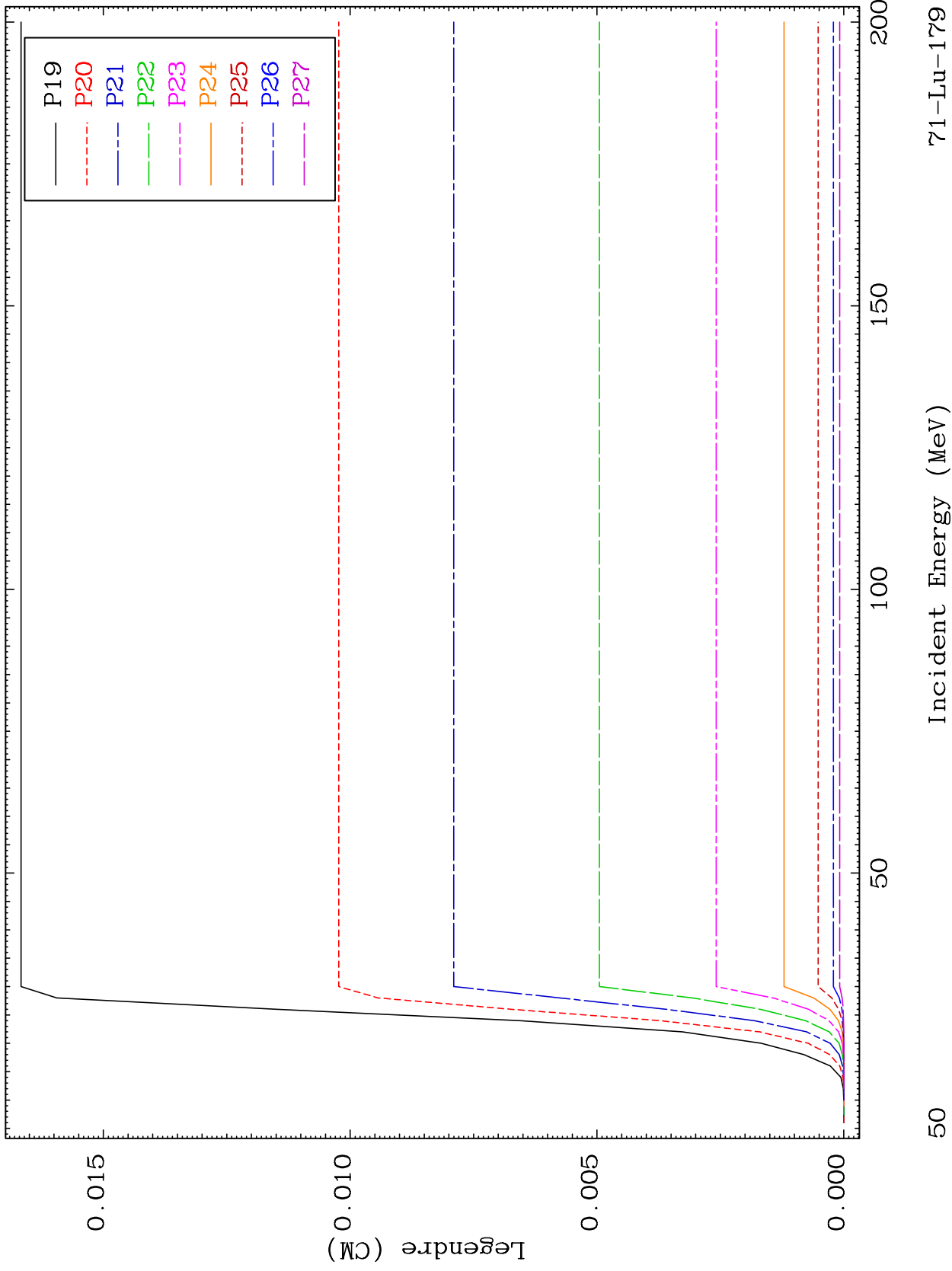
Incident Energy (MeV)

71-Lu-179

MAT 7137

653.4 keV (n,n') Level
Legendre Coefficients

71-Lu-179



71-Lu-179

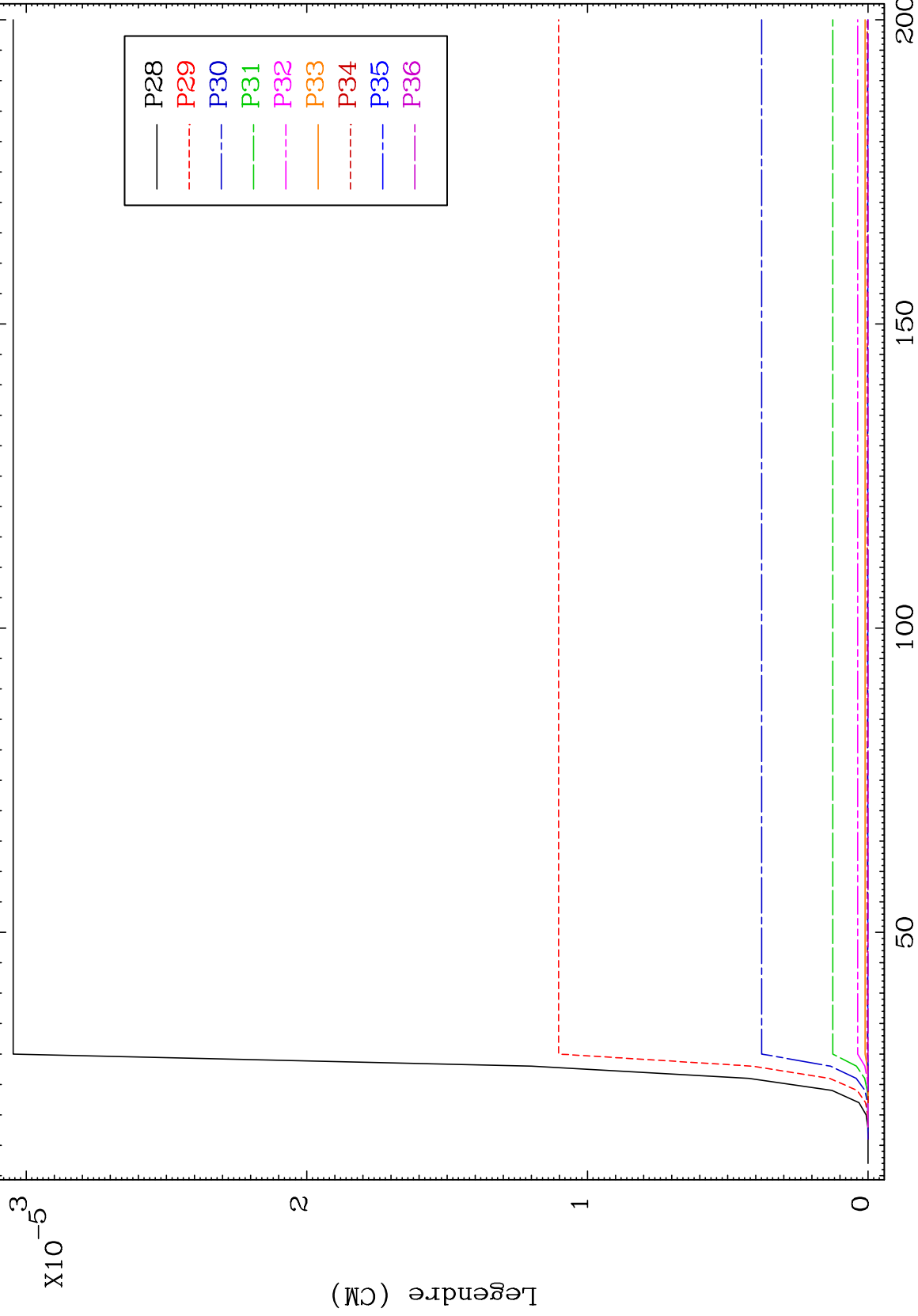
Incident Energy (MeV)

50

MAT 7137

653.4 keV (n,n') Level
Legendre Coefficients

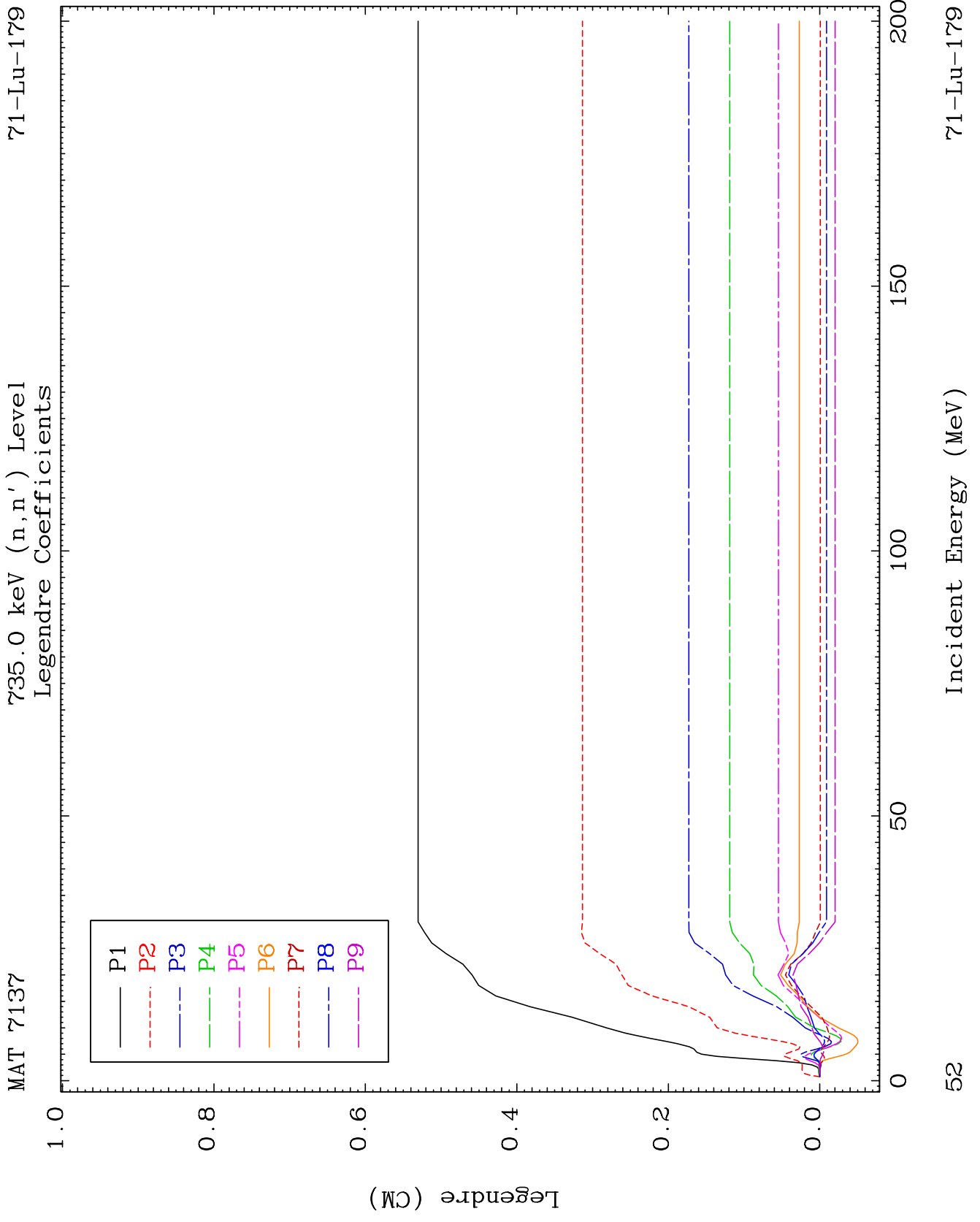
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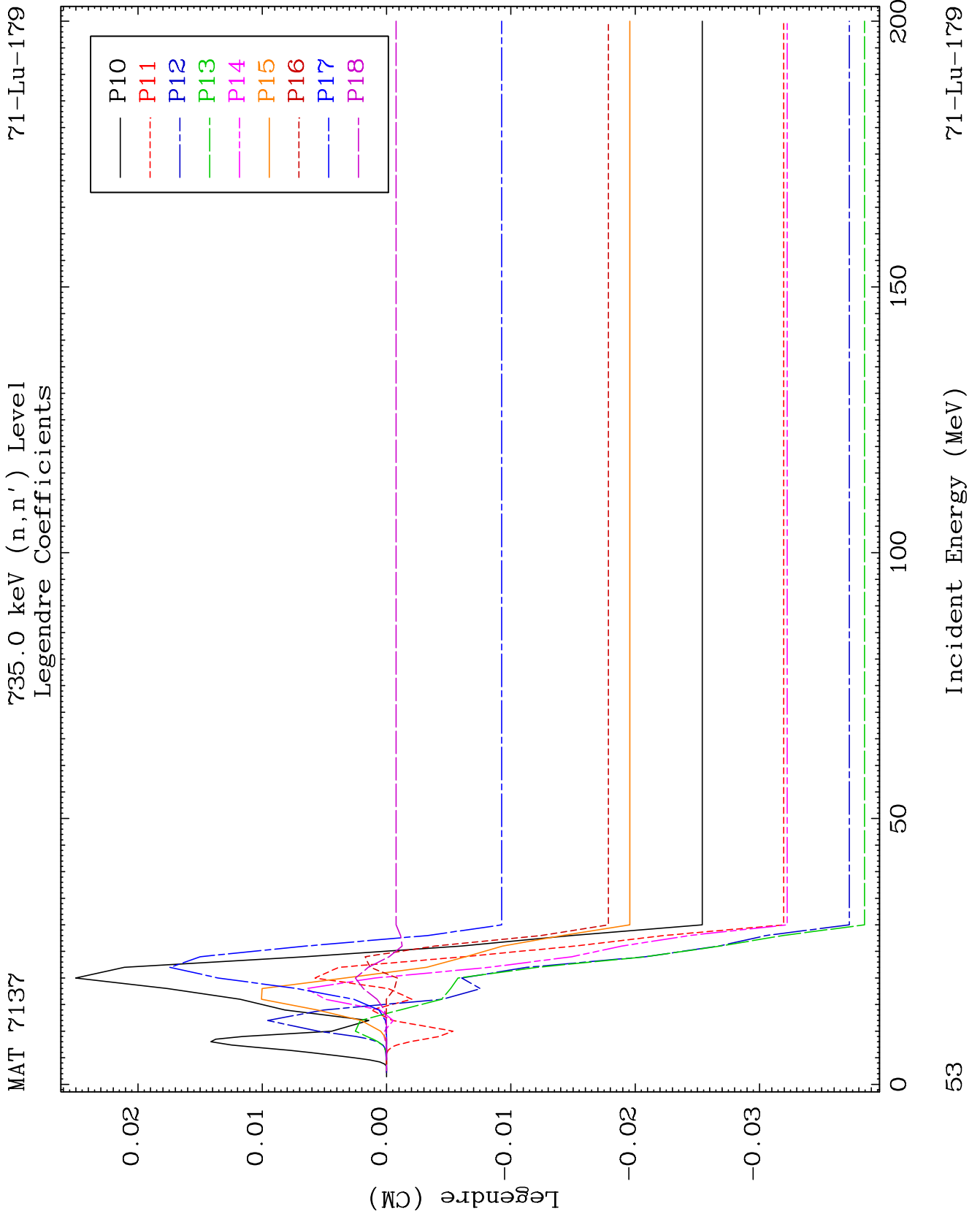


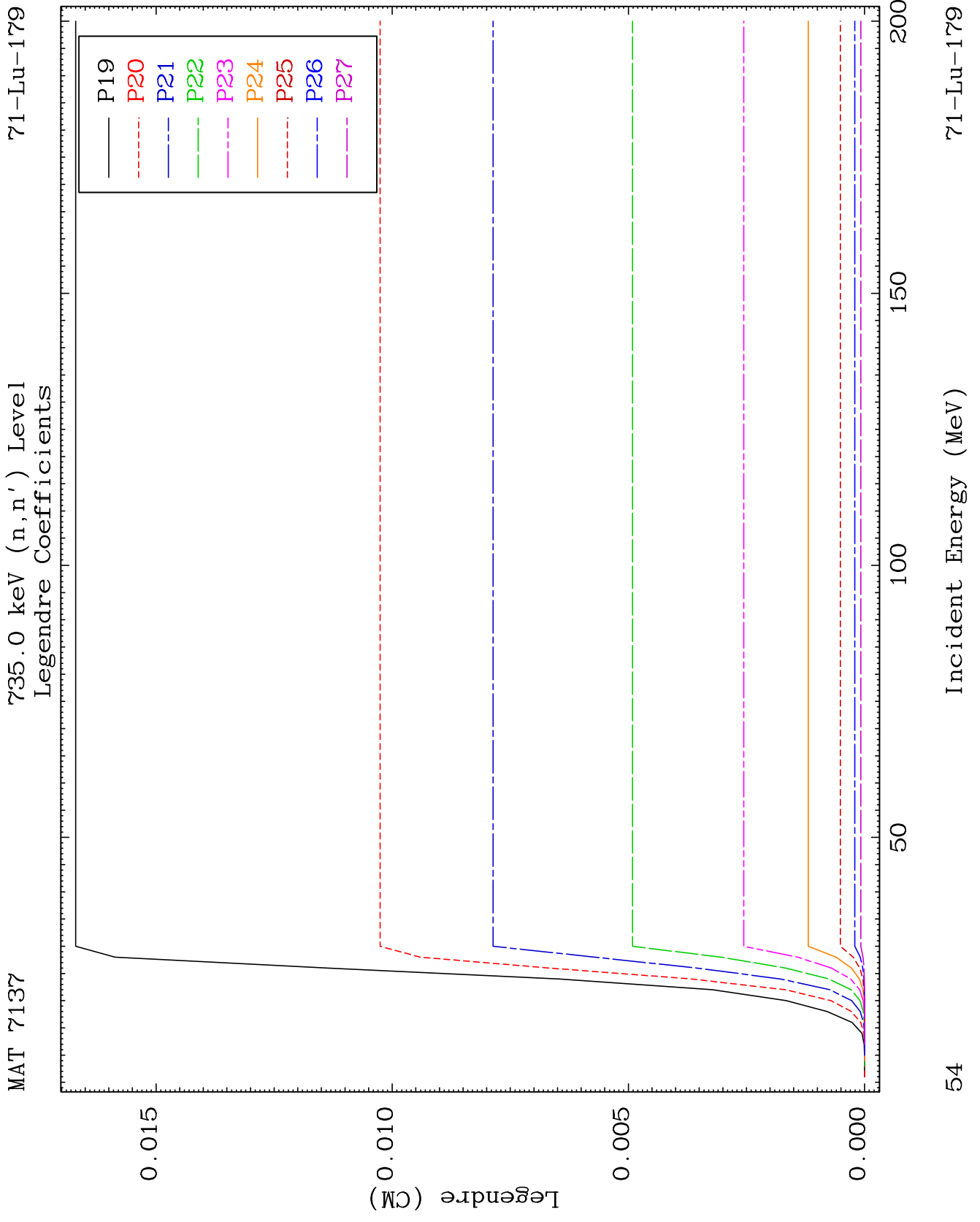
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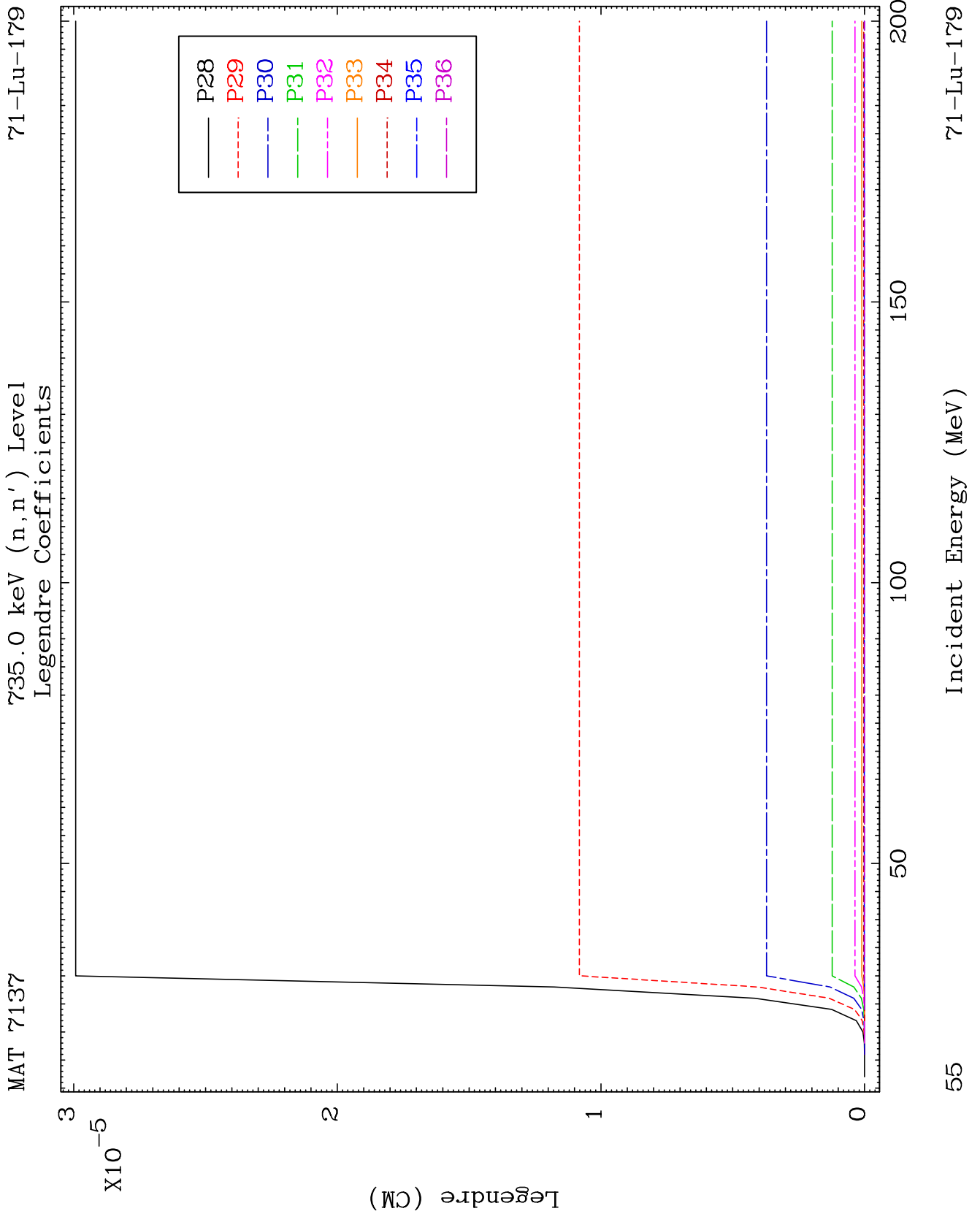
Incident Energy (MeV)

71-Lu-179





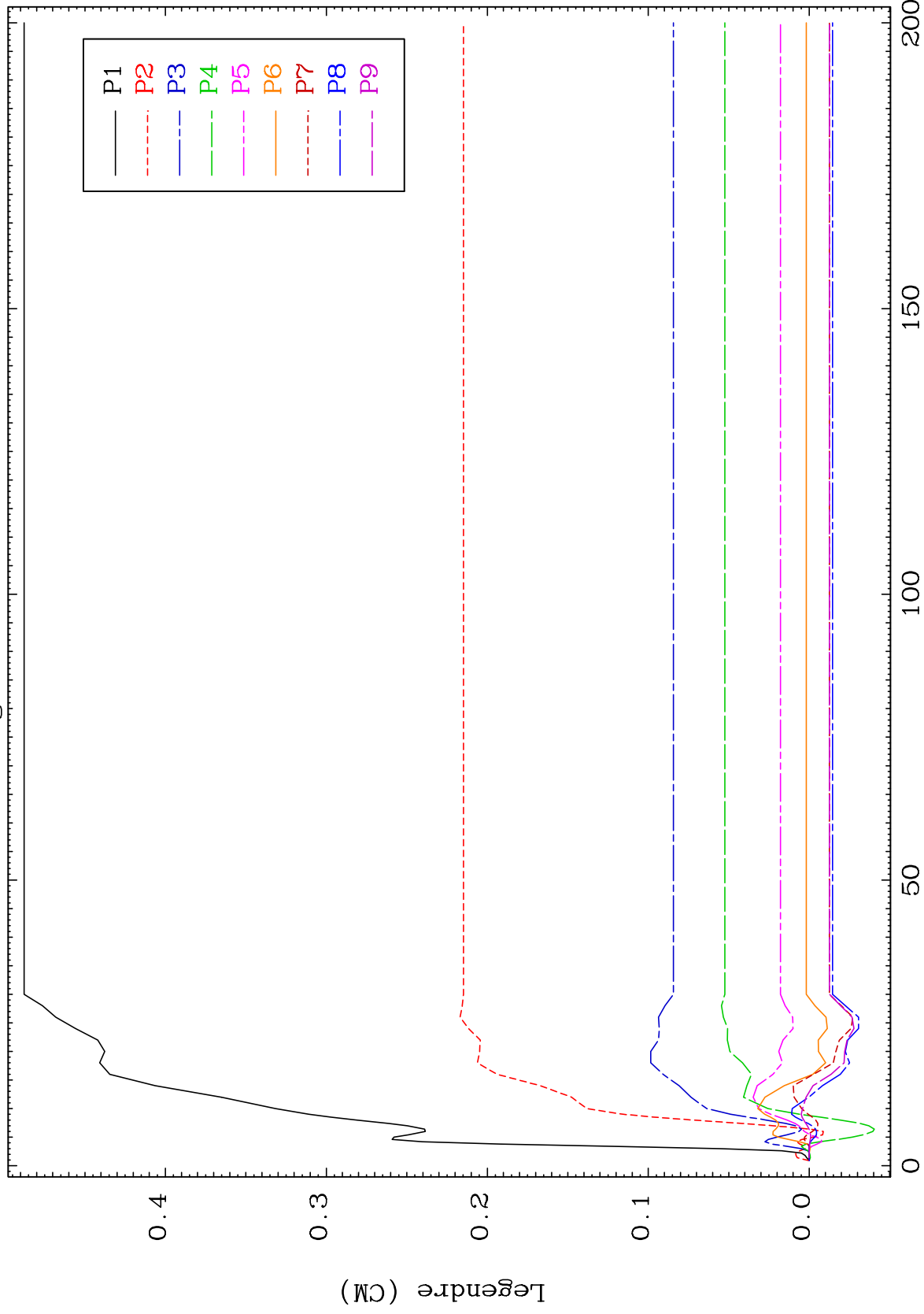




MAT 7137

872.0 keV (n,n') Level
Legendre Coefficients

71-Lu-179



56

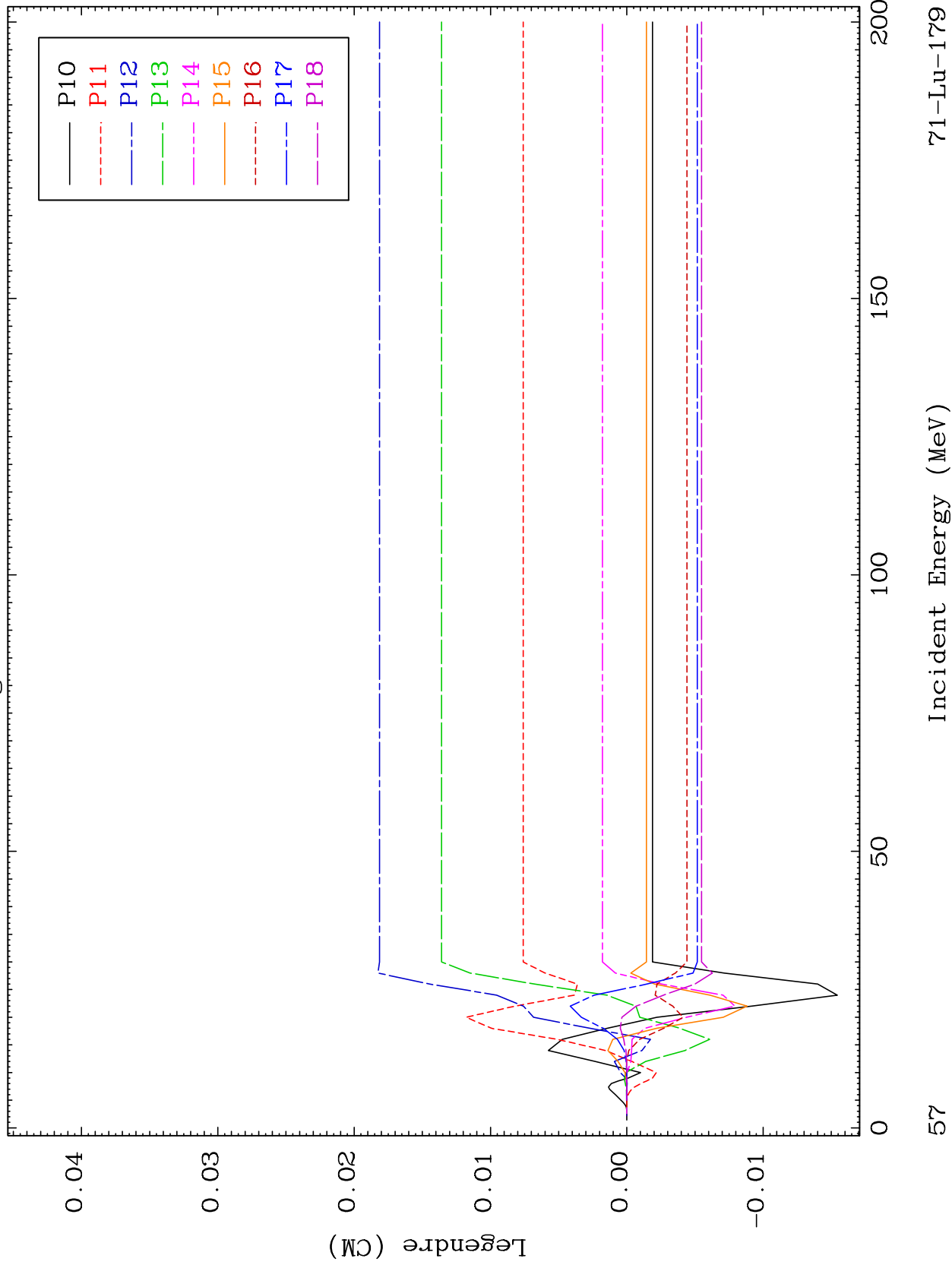
Incident Energy (MeV)

71-Lu-179

MAT 7137

872.0 keV (n,n') Level
Legendre Coefficients

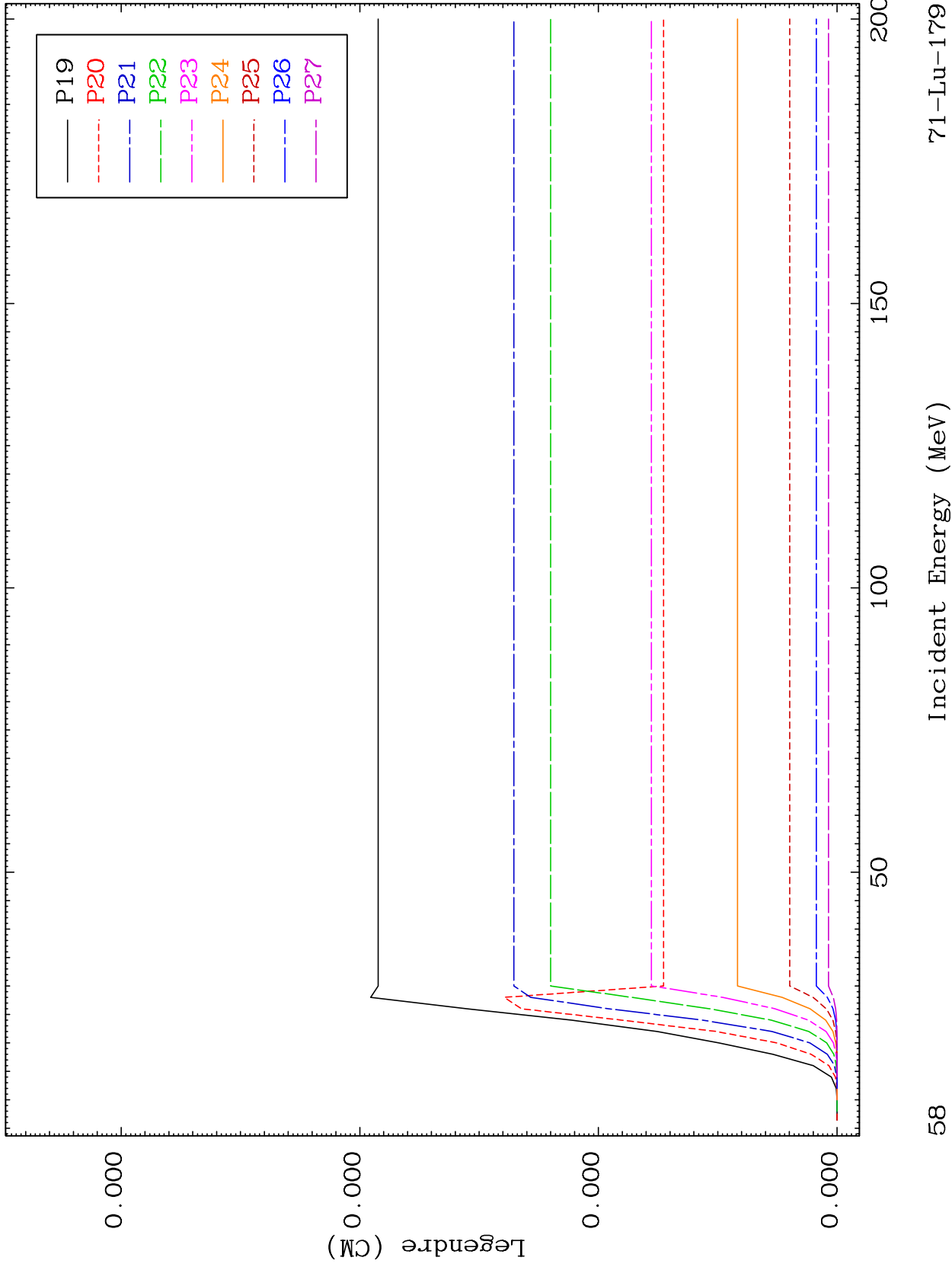
71-Lu-179



57

Incident Energy (MeV)

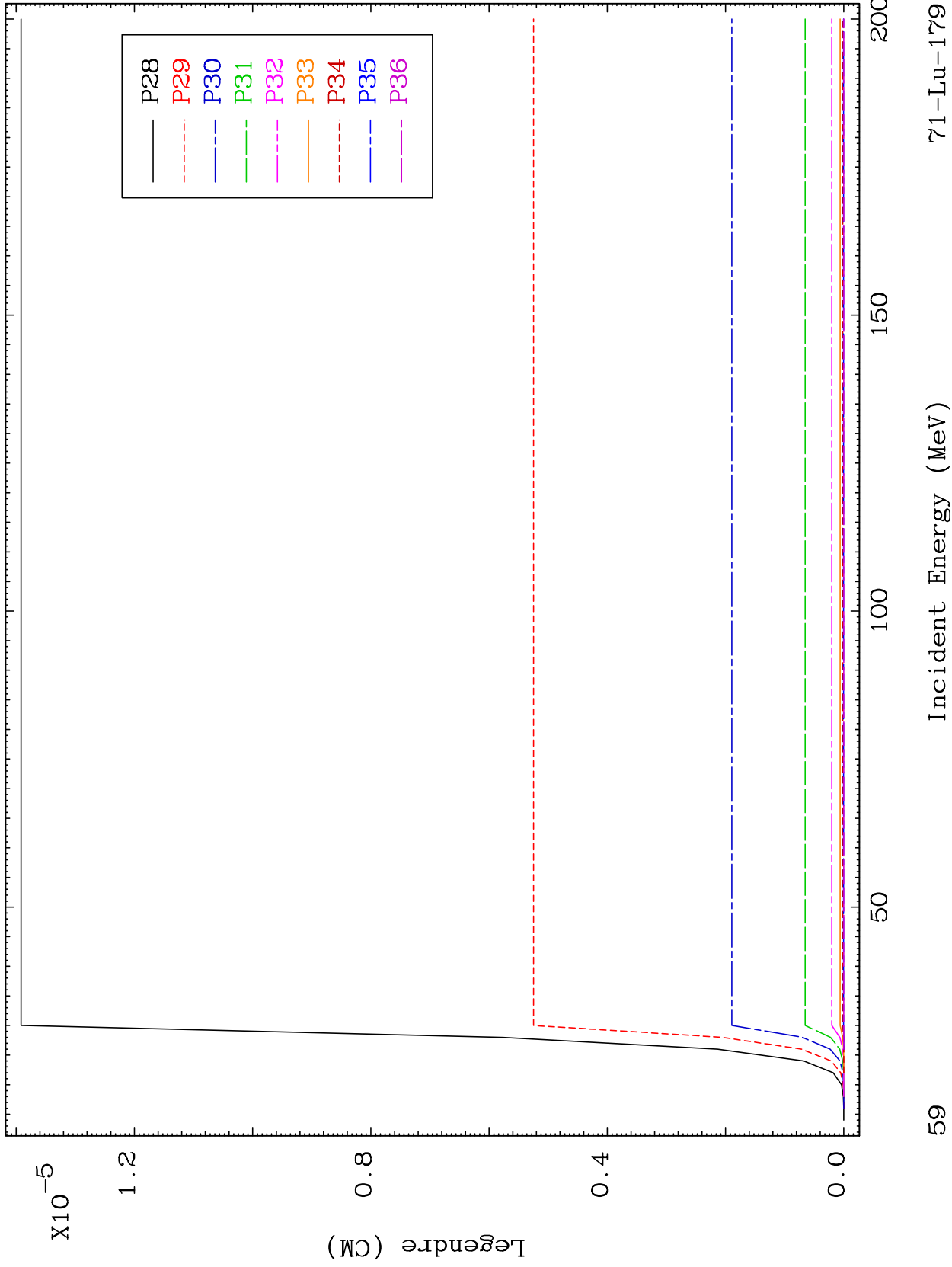
71-Lu-179



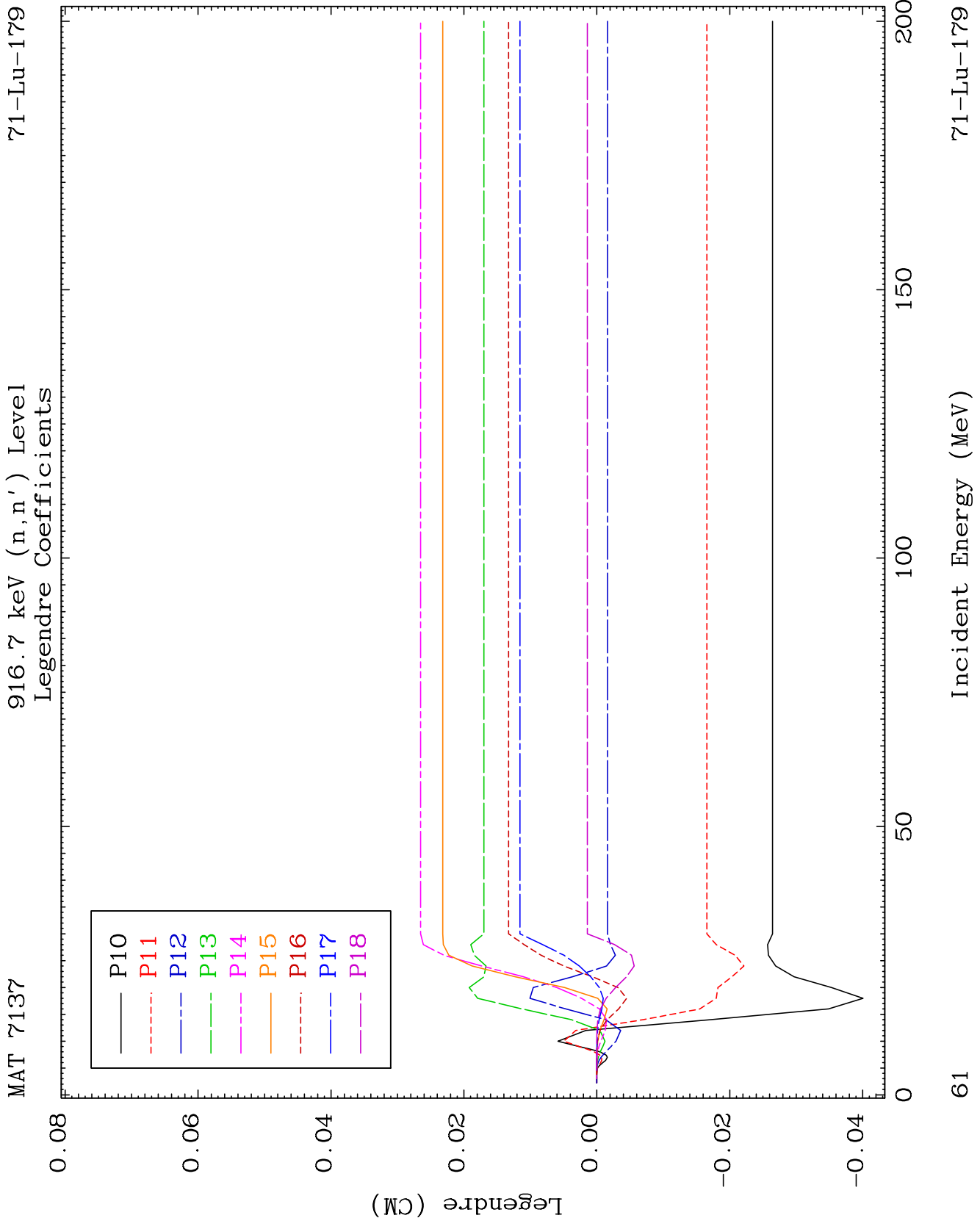
MAT 7137

872.0 keV (n,n') Level
Legendre Coefficients

71-Lu-179



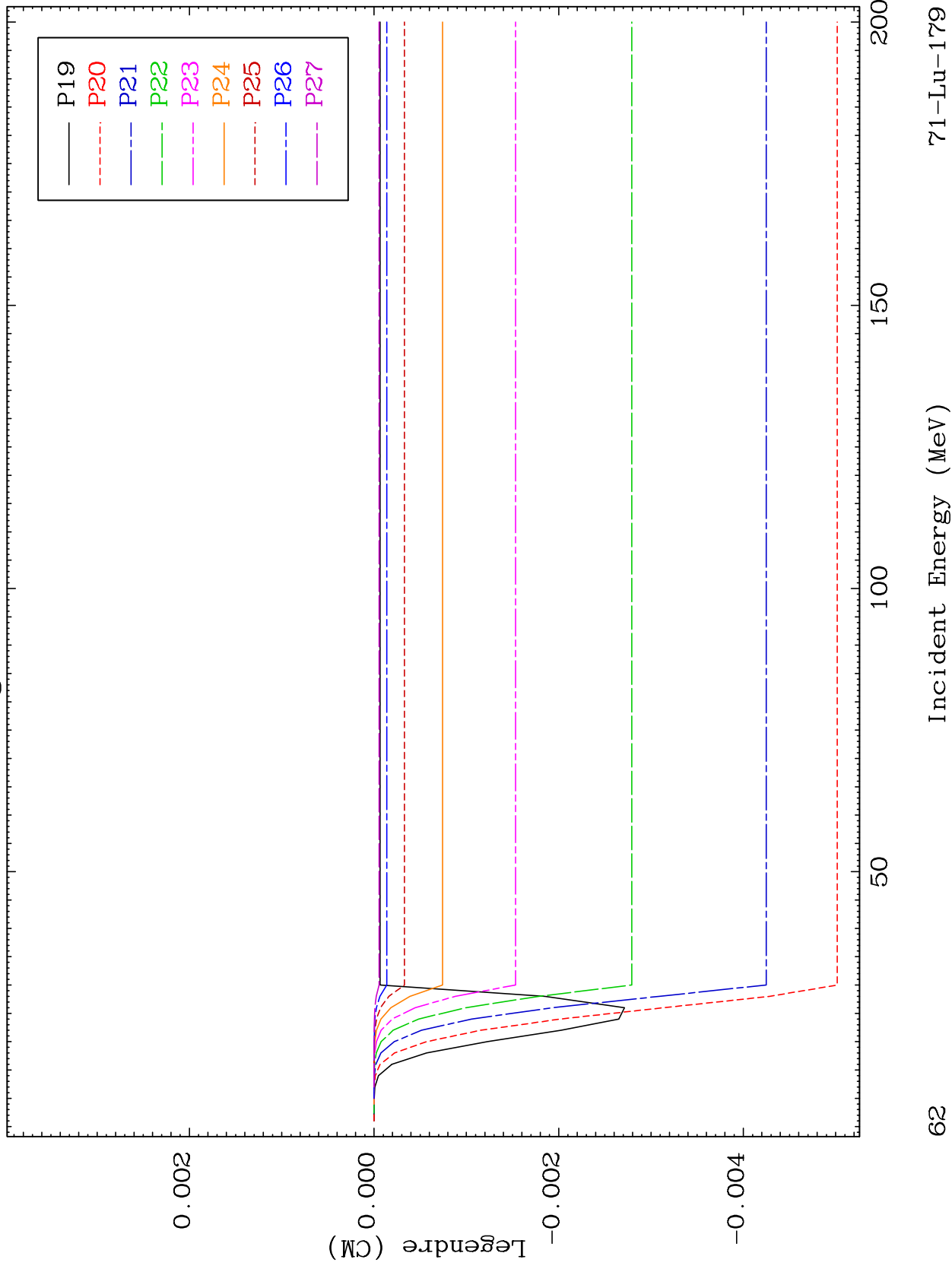
59



MAT 7137

916.7 keV (n, n') Level
Legendre Coefficients

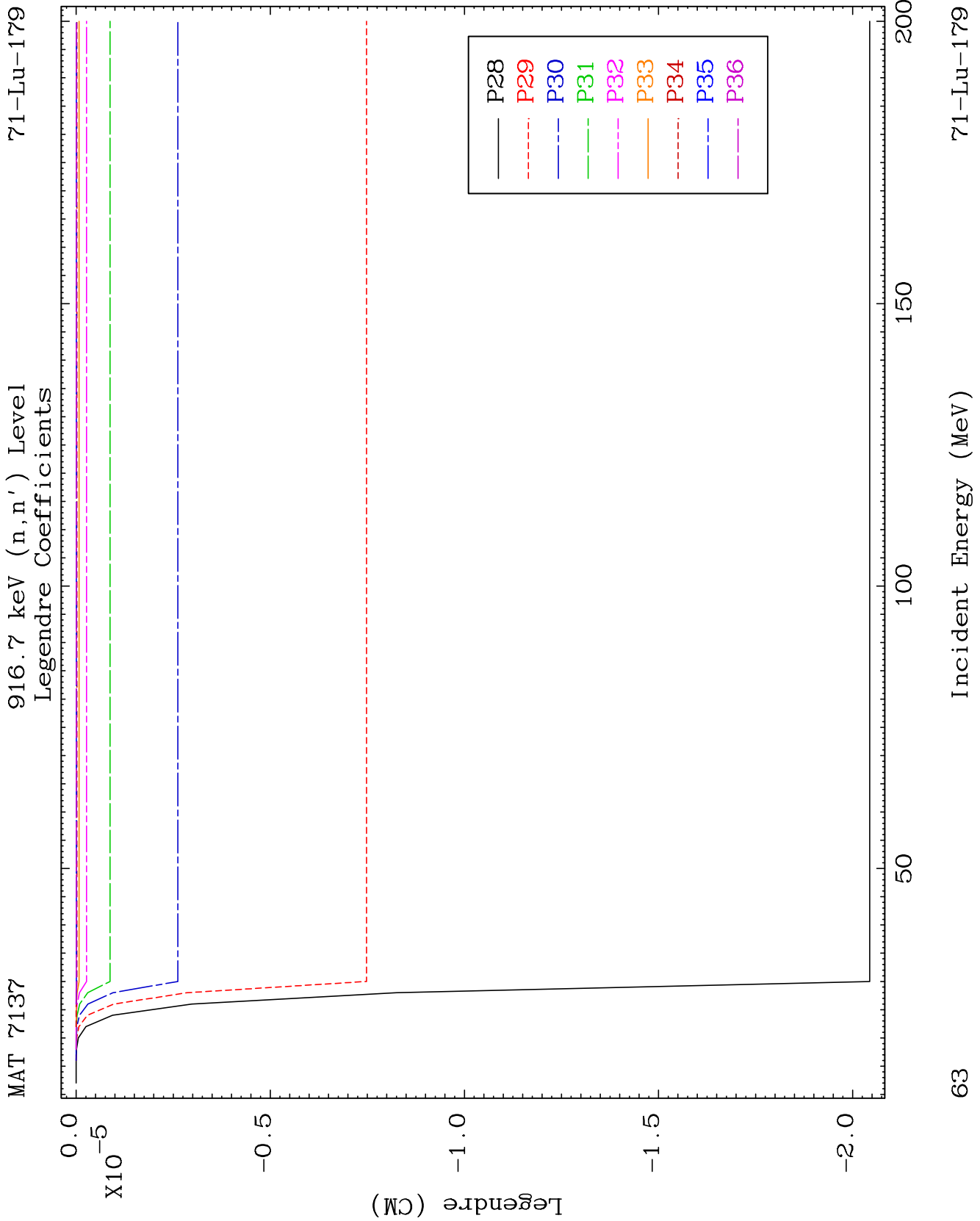
71-Lu-179



62

Incident Energy (MeV)

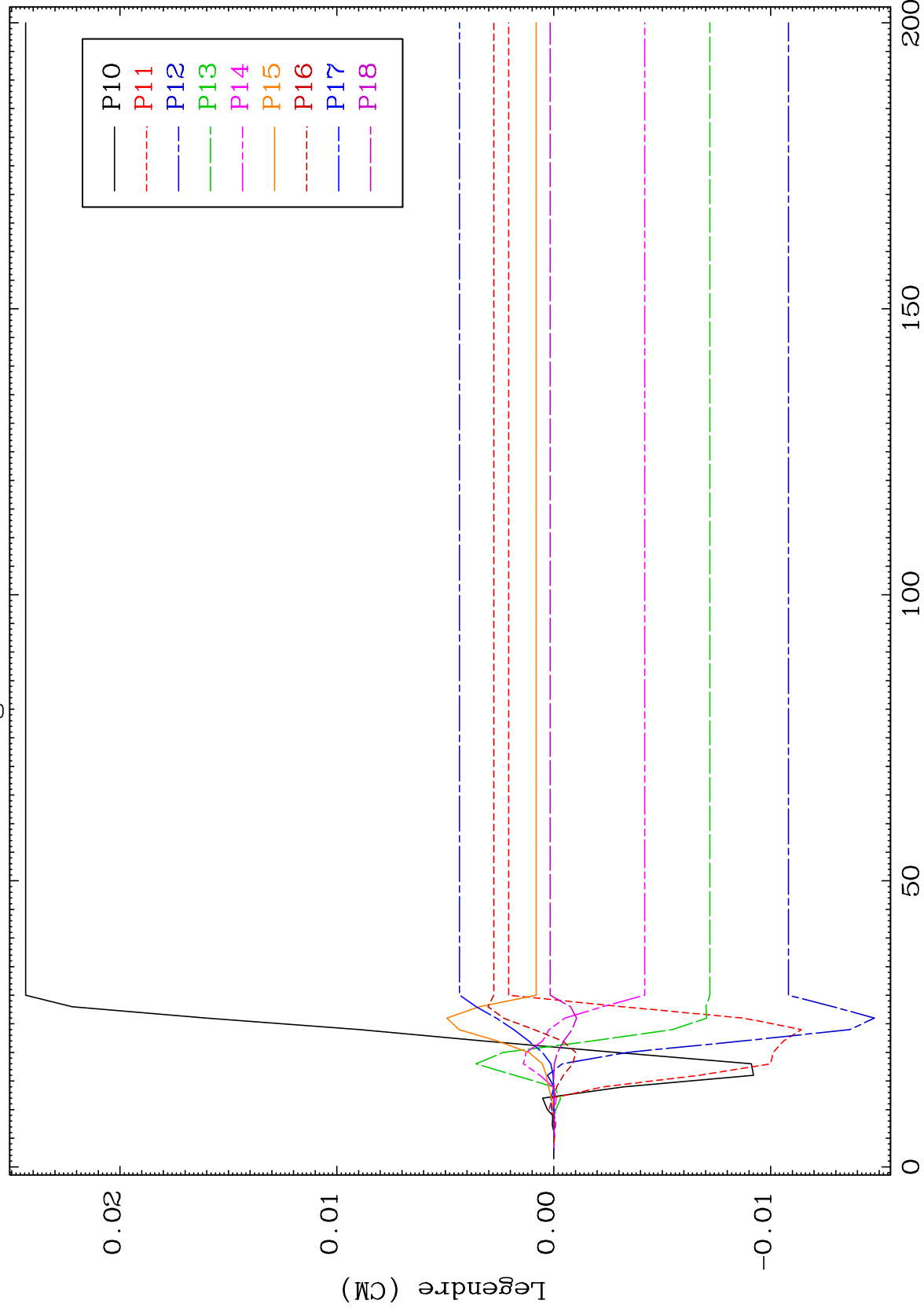
71-Lu-179



MAT 7137

987.0 keV (n,n') Level
Legendre Coefficients

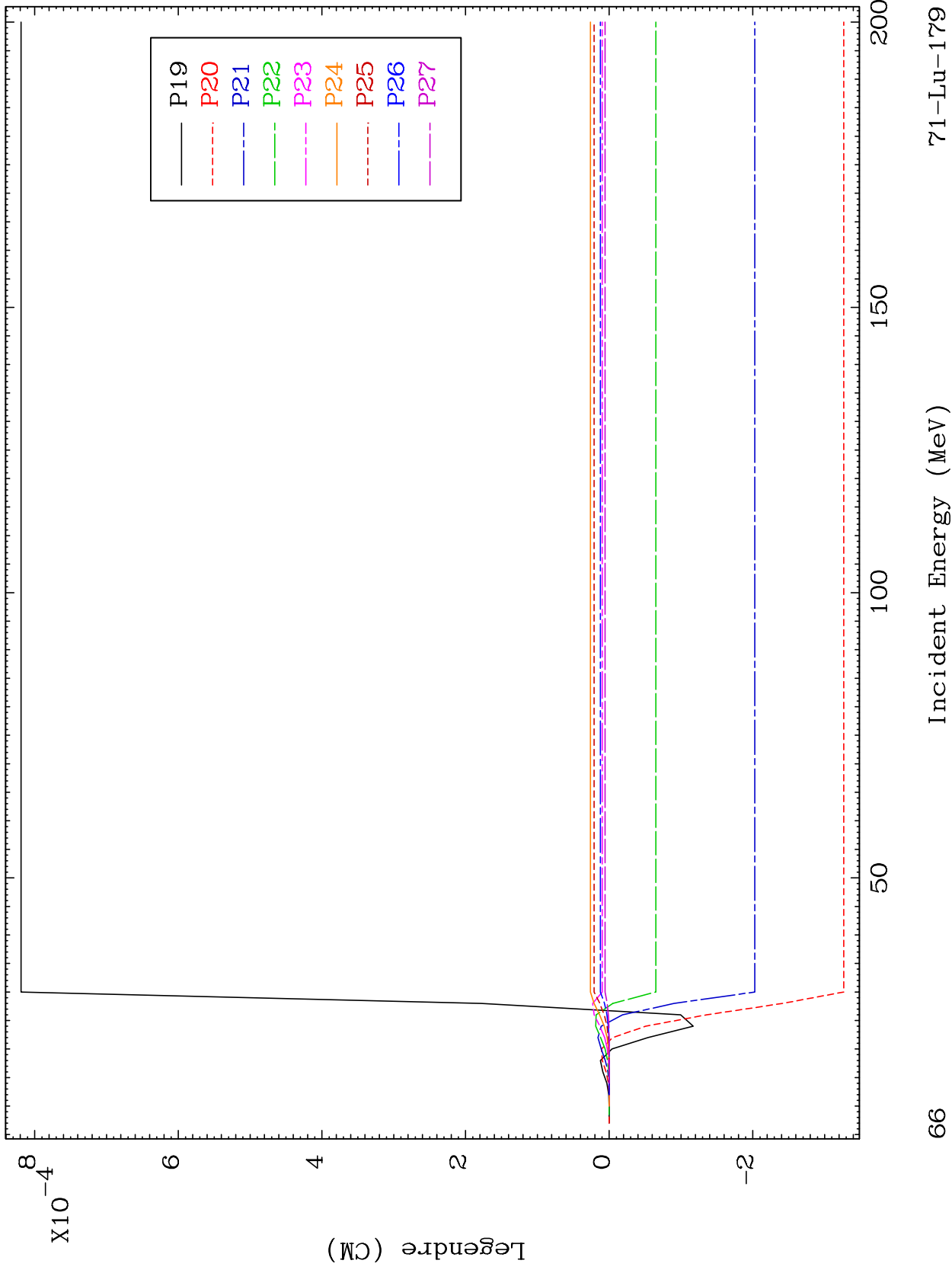
71-Lu-179

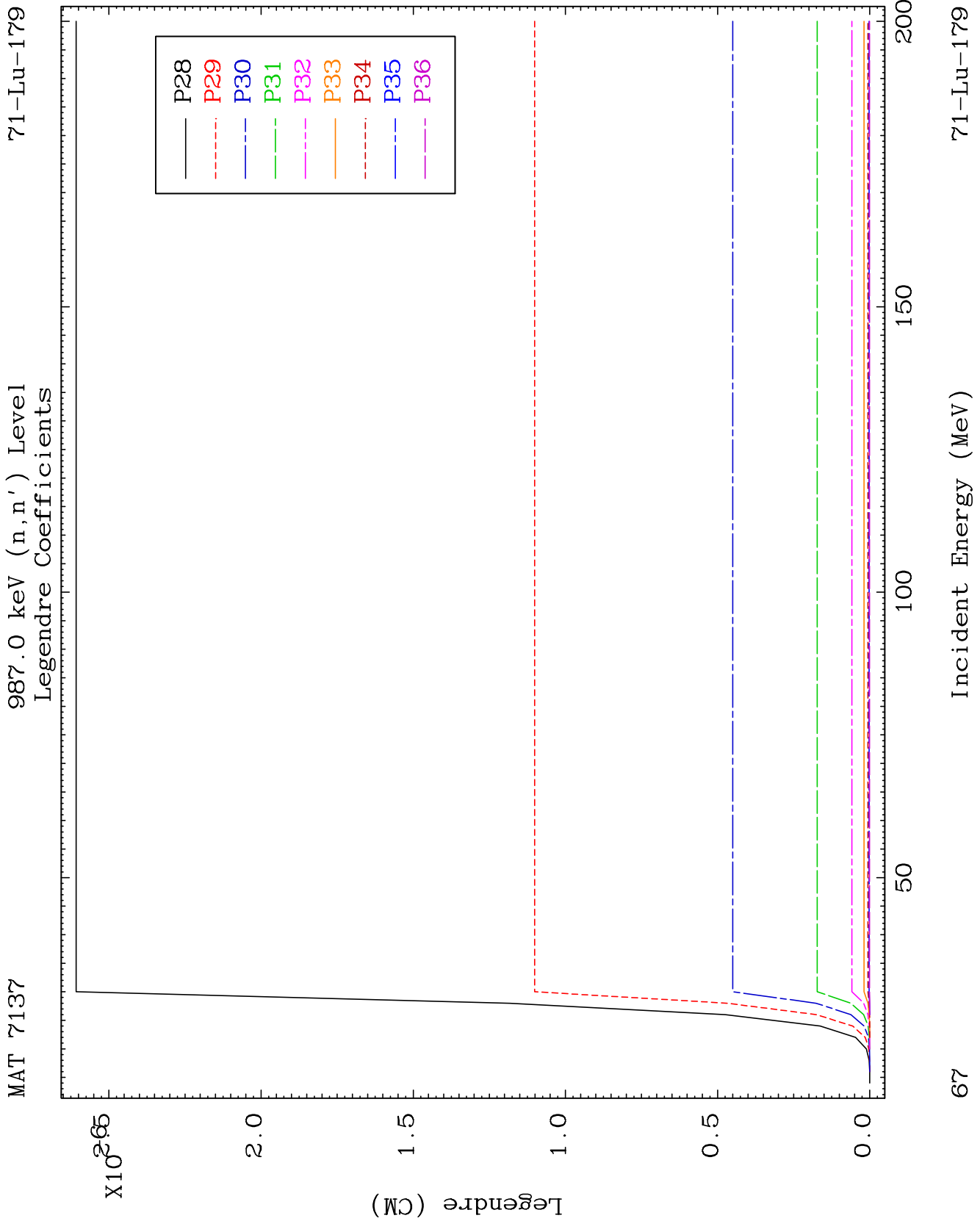


Incident Energy (MeV)

71-Lu-179

65

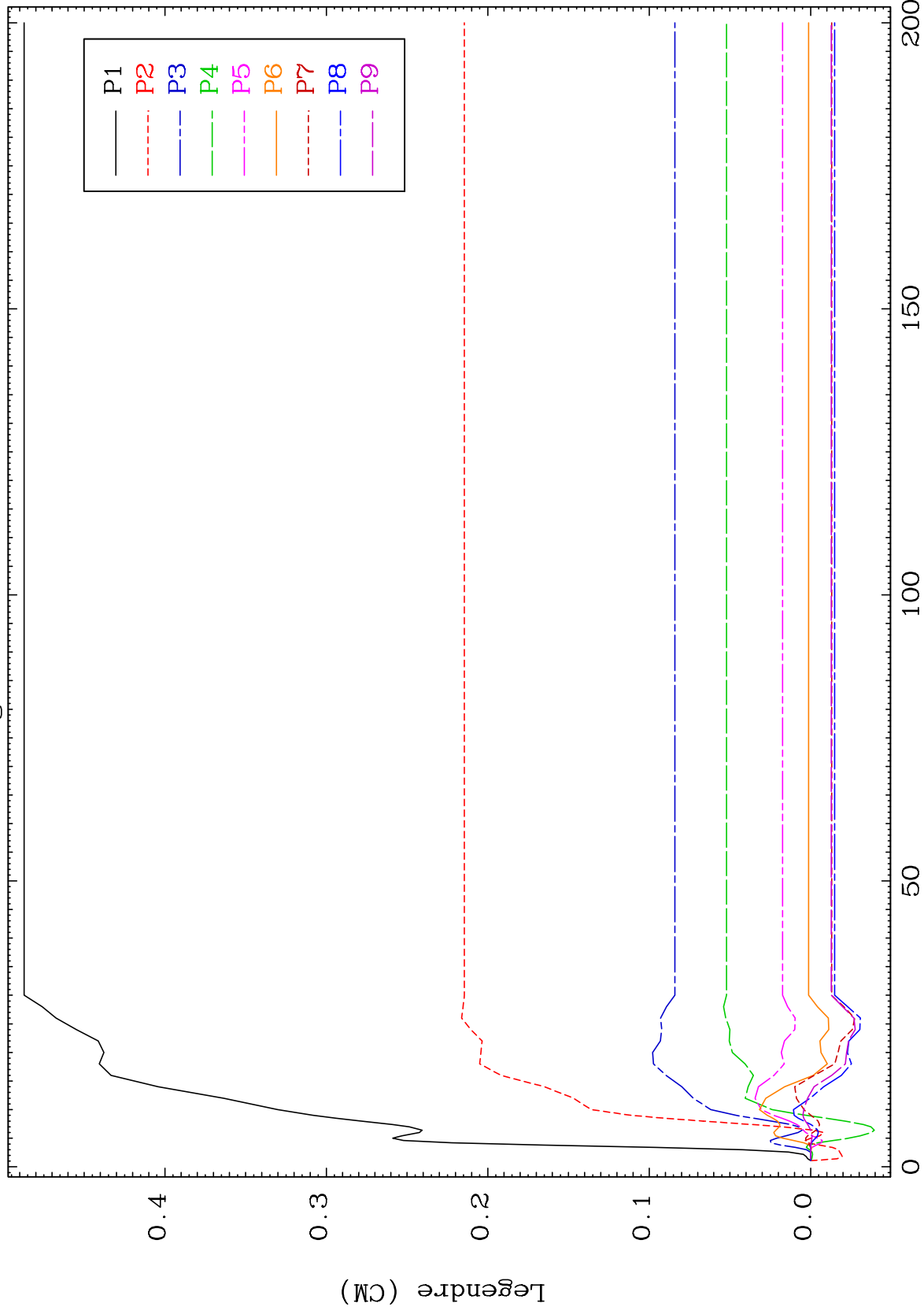




MAT 7137

1.064 MeV (n,n') Level
Legendre Coefficients

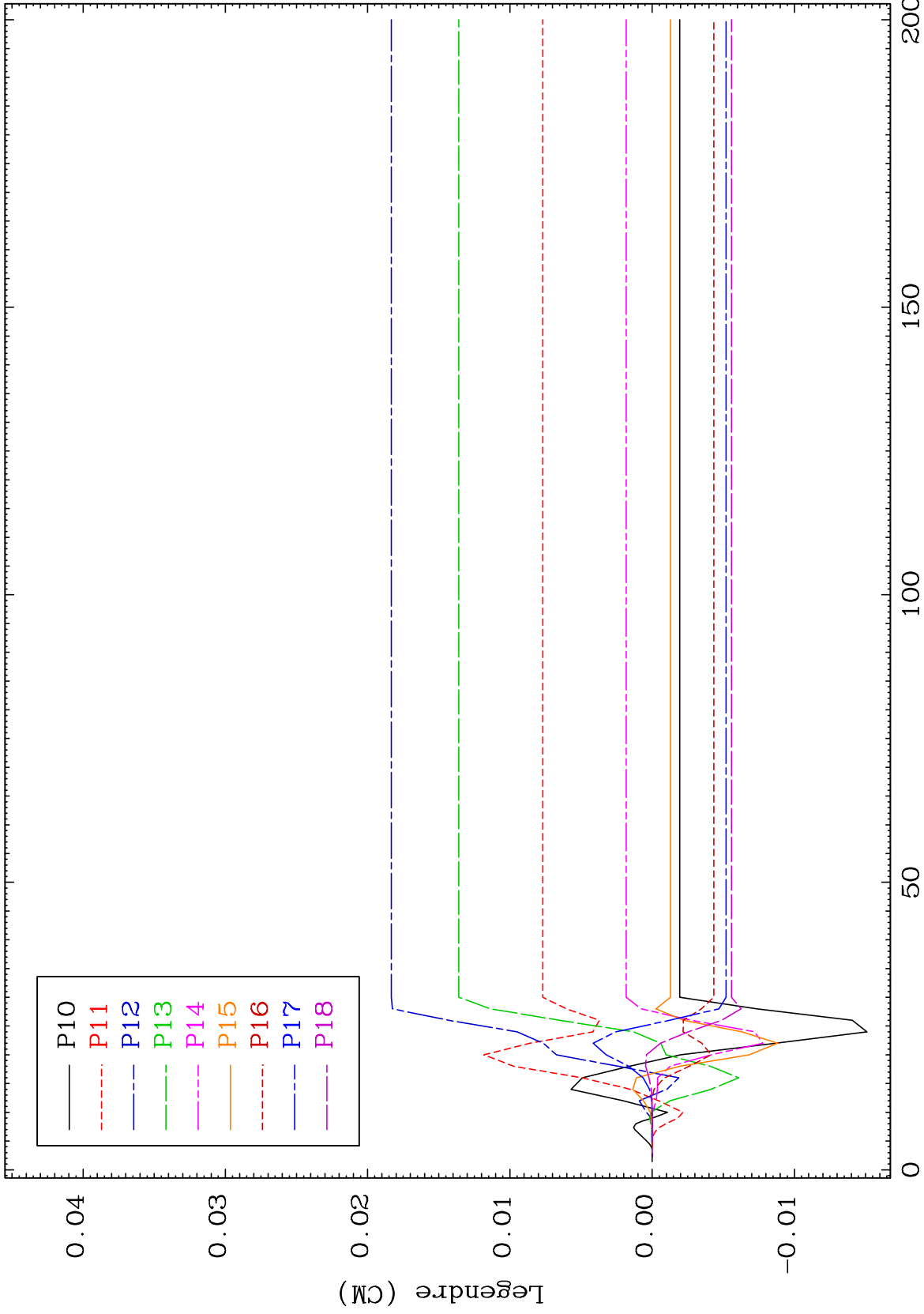
71-Lu-179



68

Incident Energy (MeV)

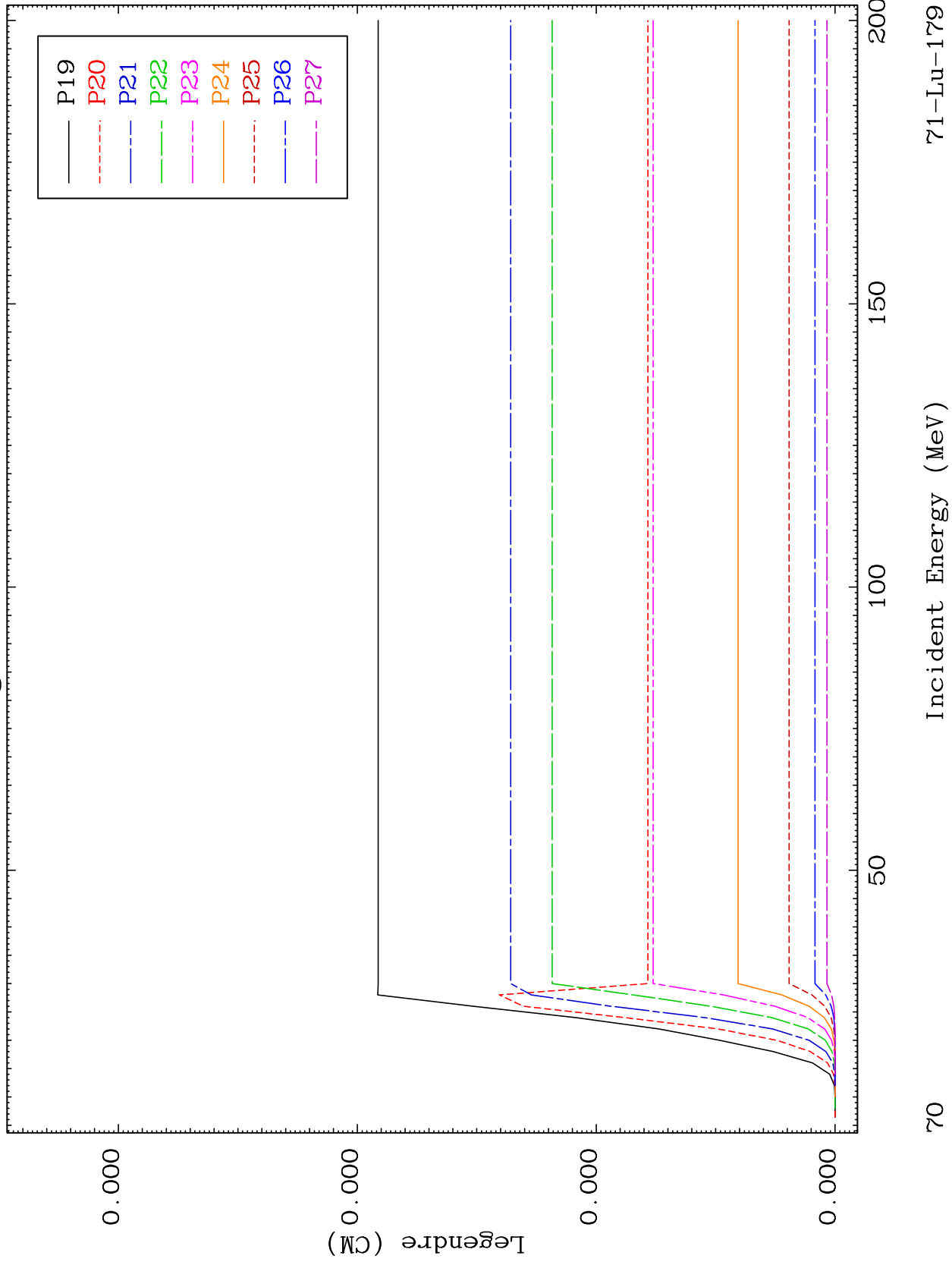
71-Lu-179

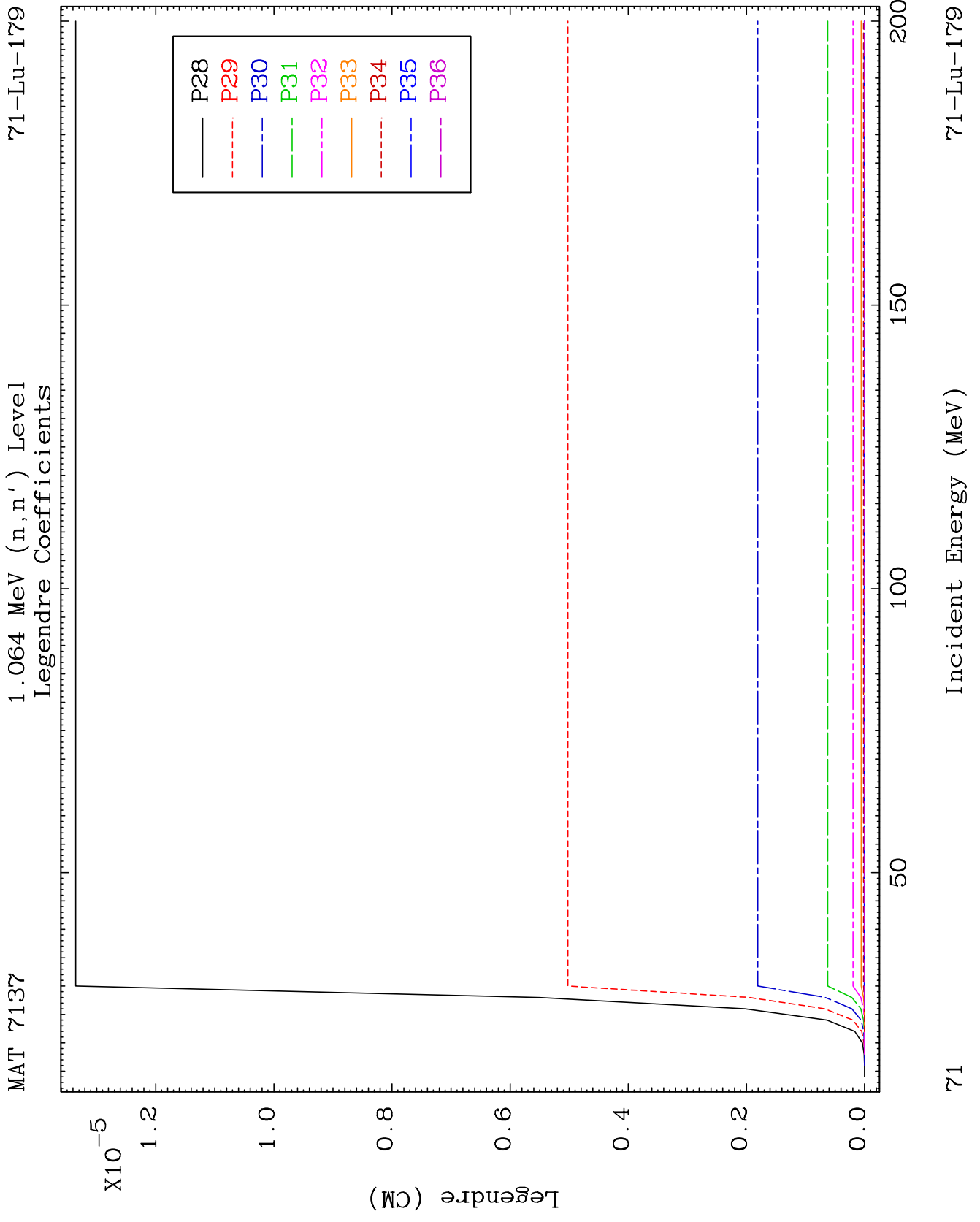


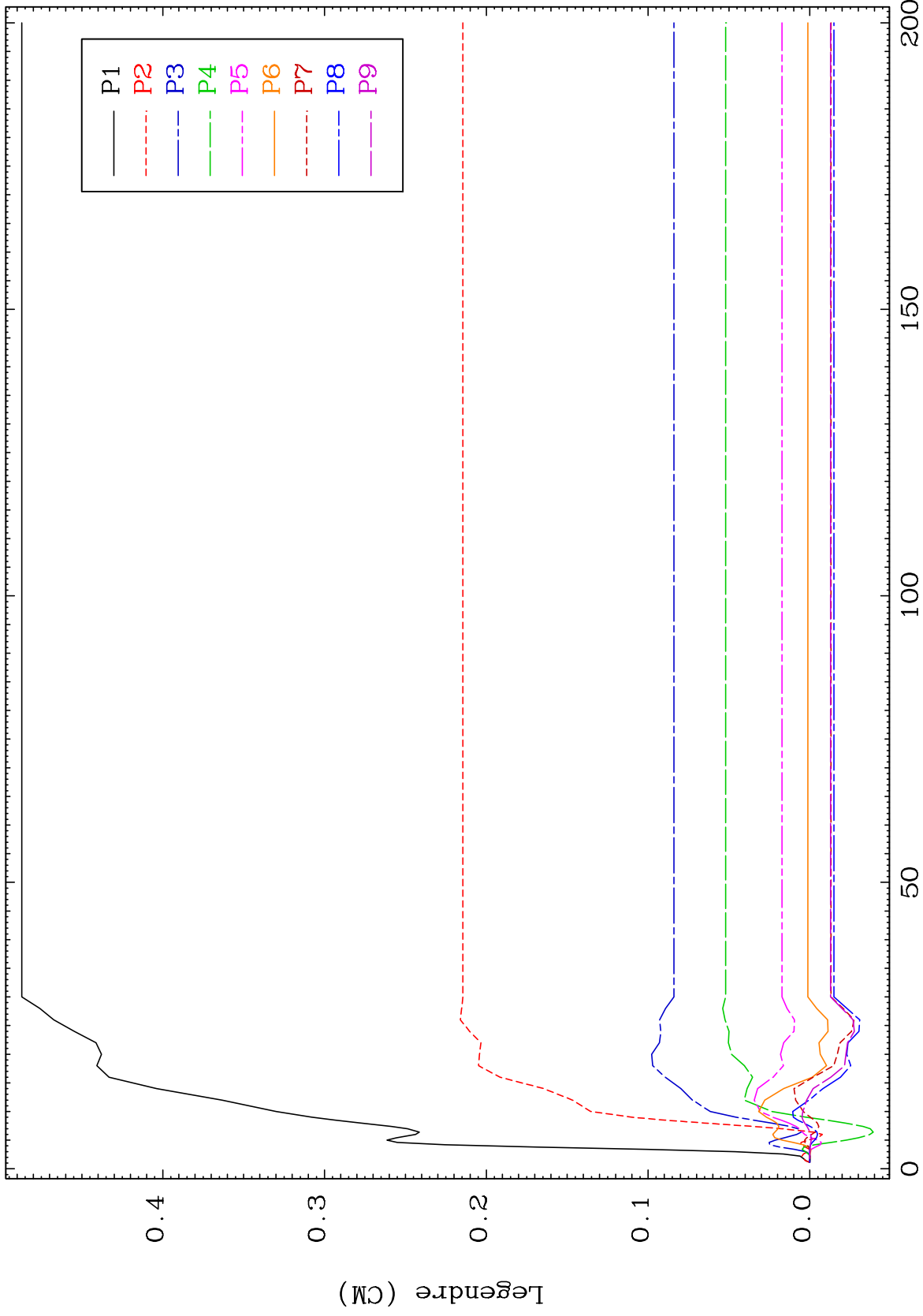
MAT 7137

1.064 MeV (n,n') Level
Legendre Coefficients

71-Lu-179



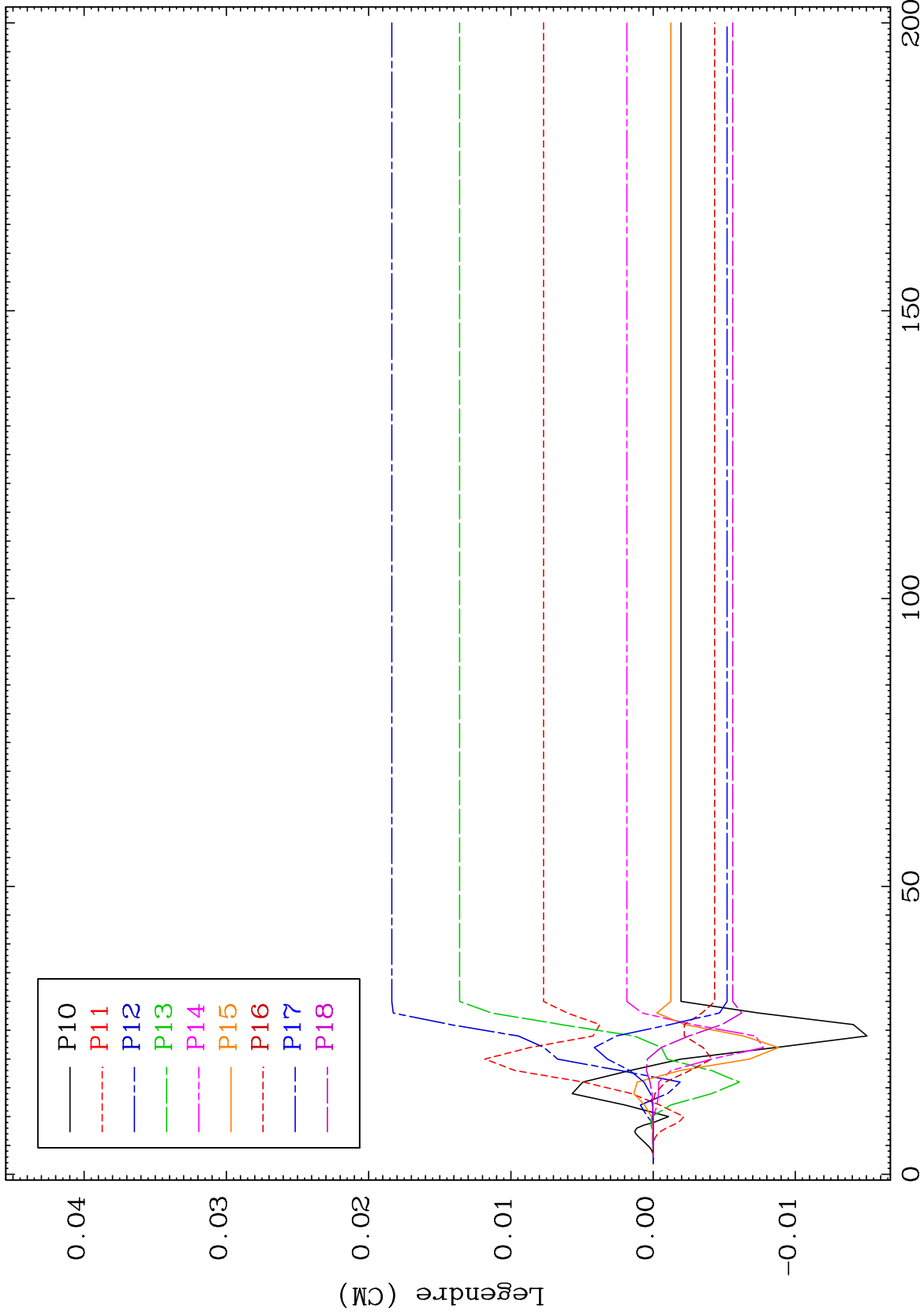




MAT 7137

1.099 MeV (n,n') Level
Legendre Coefficients

71-Lu-179



73

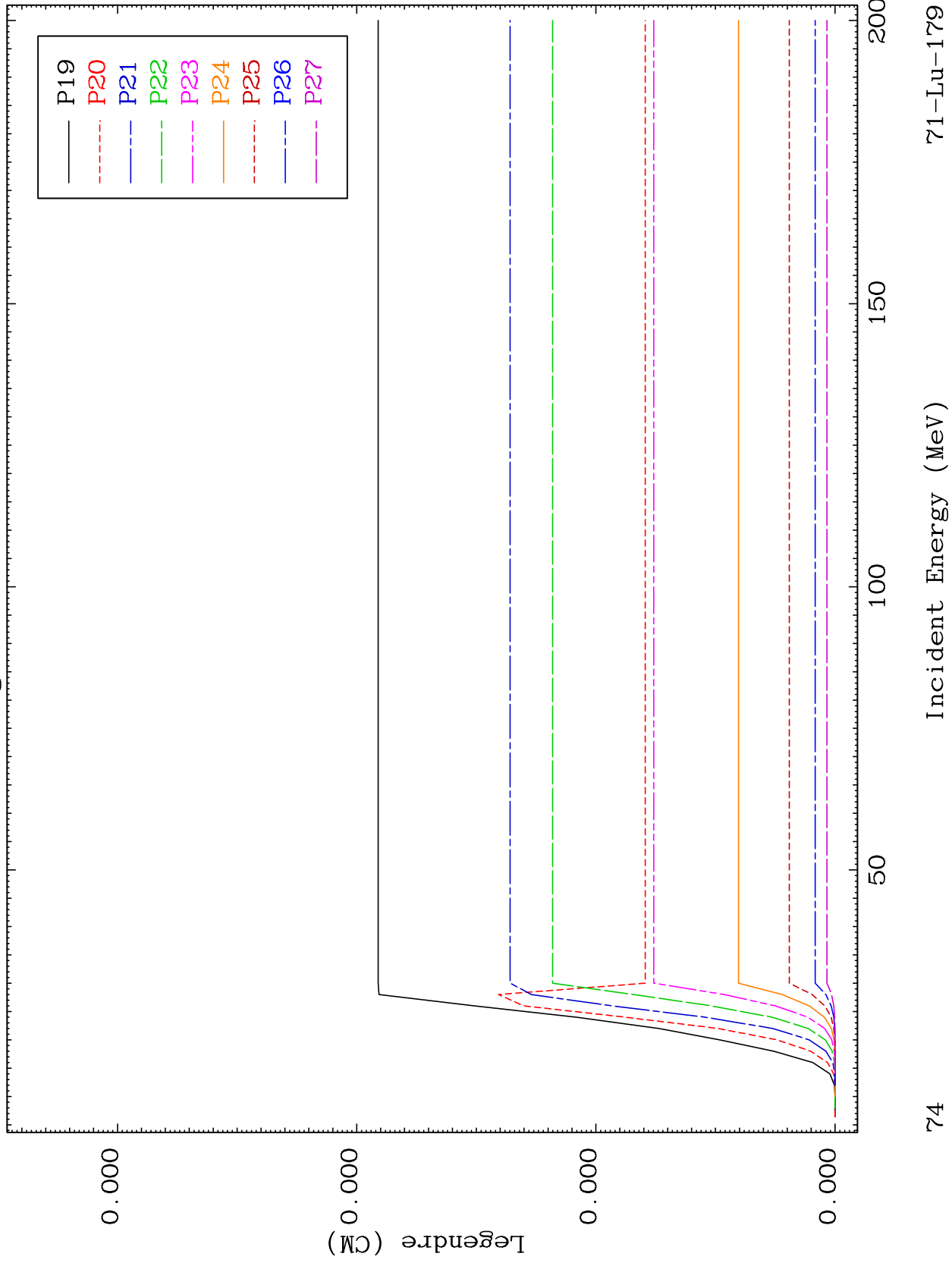
Incident Energy (MeV)

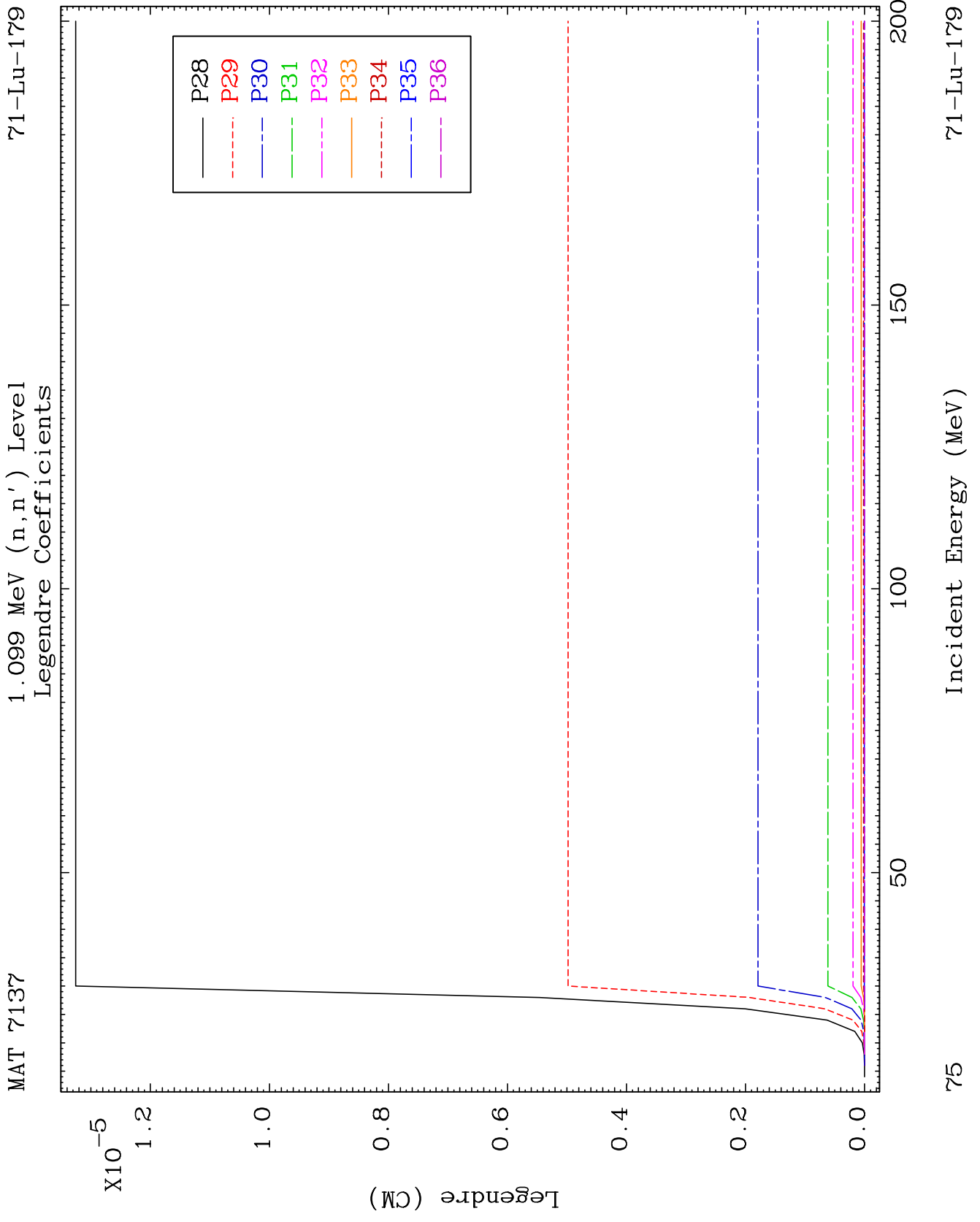
71-Lu-179

MAT 7137

1.099 MeV (n,n') Level
Legendre Coefficients

71-Lu-179

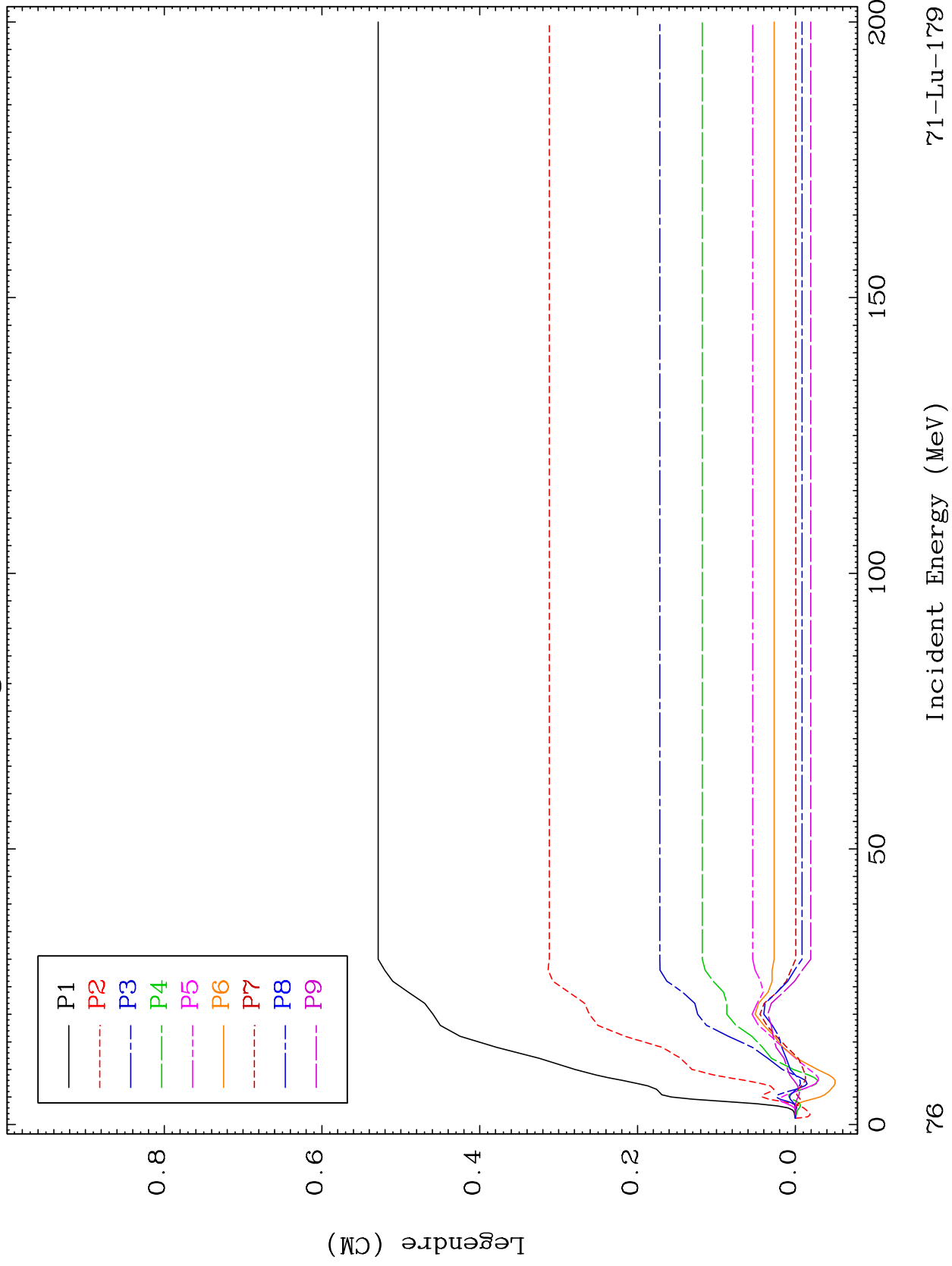




MAT 7137

1.126 MeV (n,n') Level
Legendre Coefficients

71-Lu-179



71-Lu-179

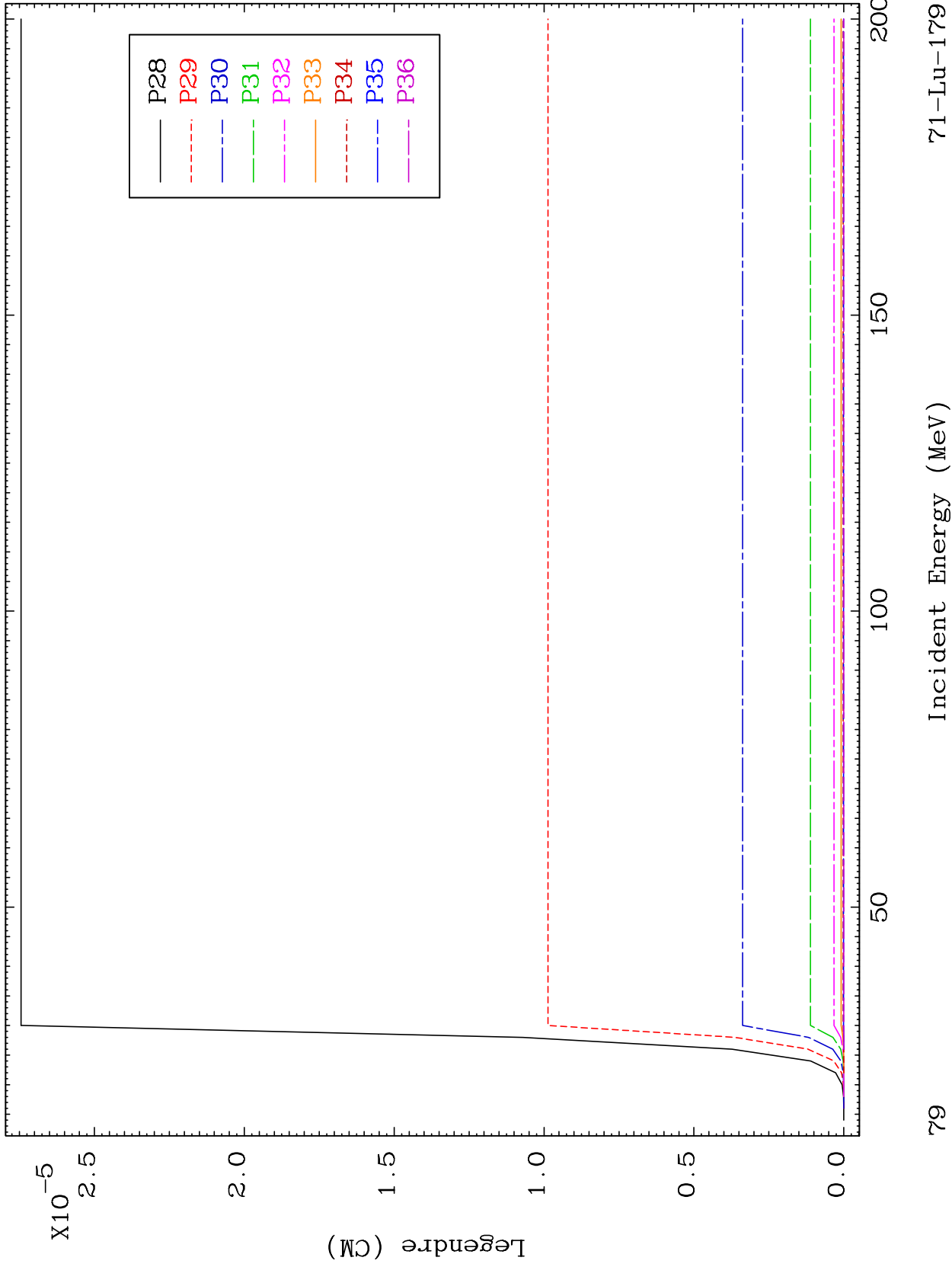
Incident Energy (MeV)

76

MAT 7137

1.126 MeV (n,n') Level
Legendre Coefficients

71-Lu-179



79

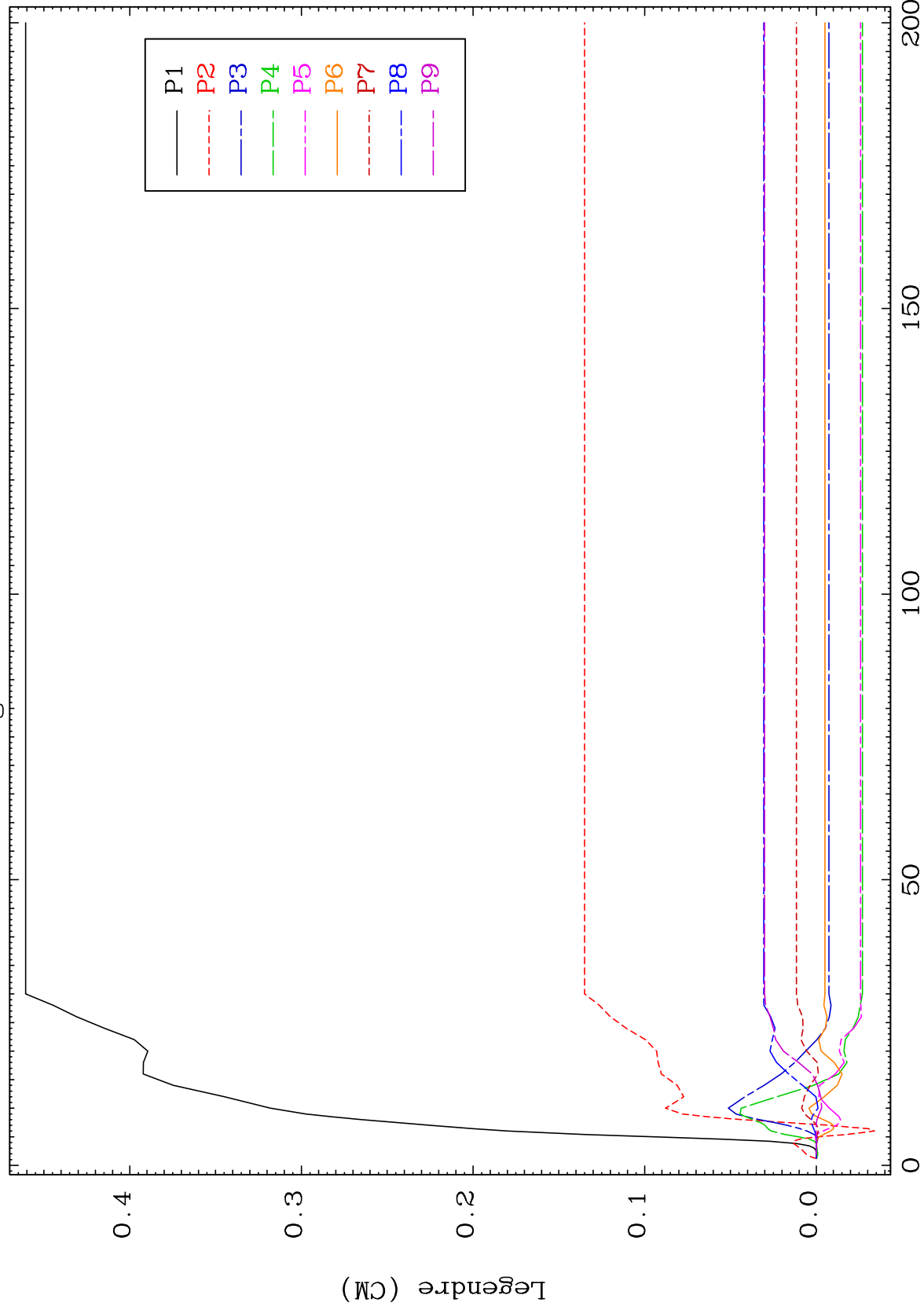
Incident Energy (MeV)

71-Lu-179

MAT 7137

1.189 MeV (n,n') Level Legendre Coefficients

71-Lu-179



71-Lu-179

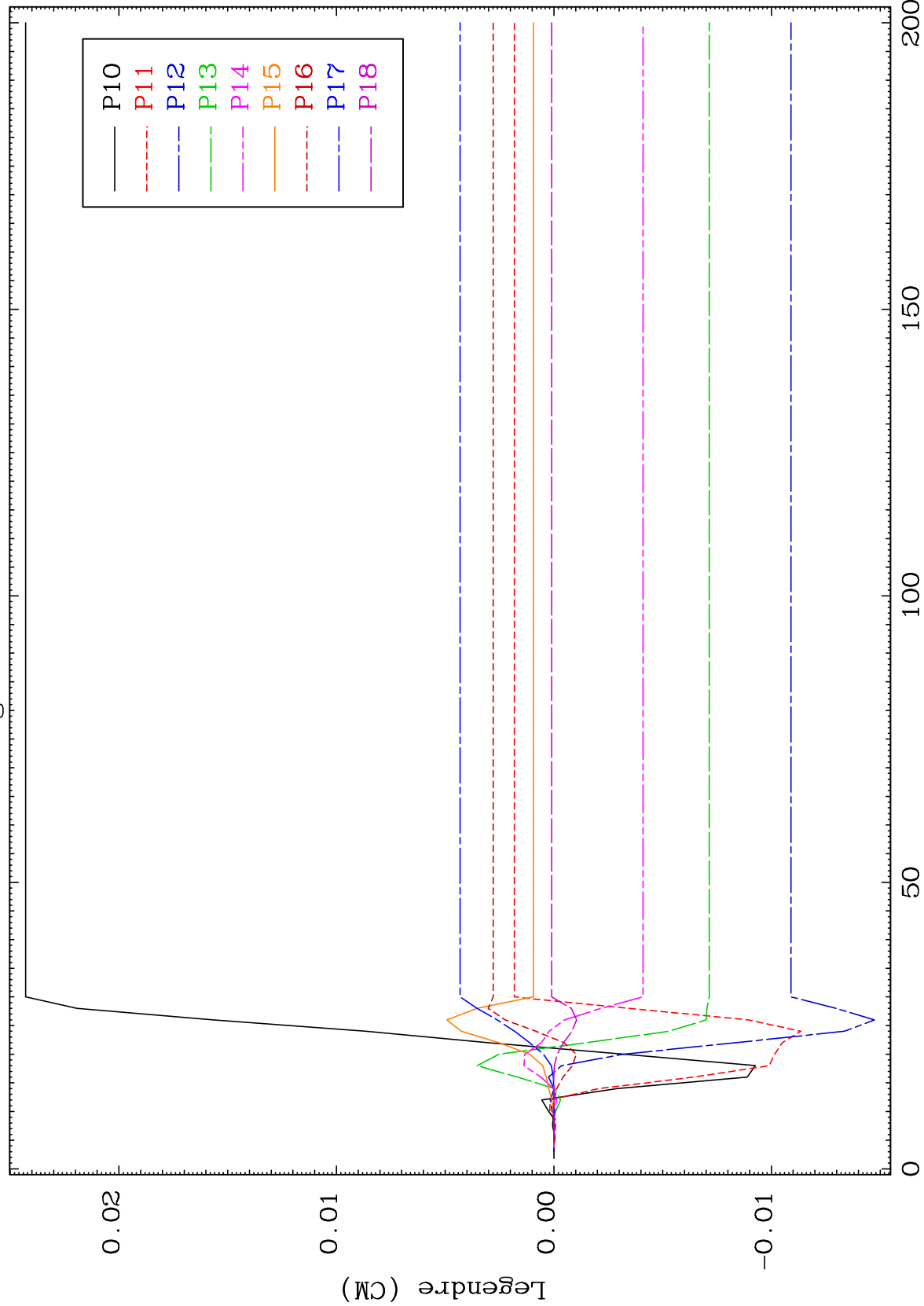
Incident Energy (MeV)

80

MAT 7137

1.189 MeV (n,n') Level Legendre Coefficients

71-Lu-179



81

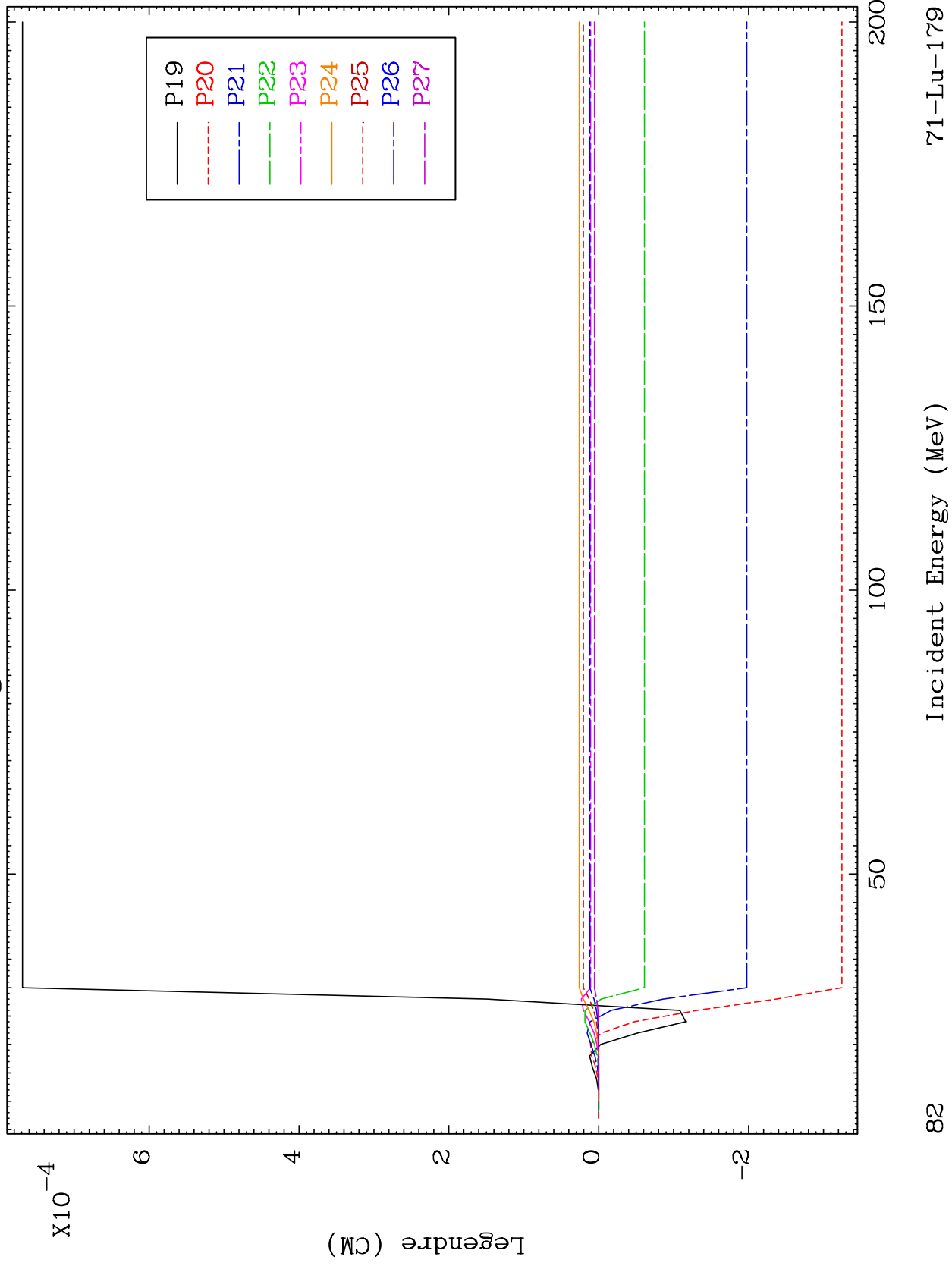
Incident Energy (MeV)

71-Lu-179

MAT 7137

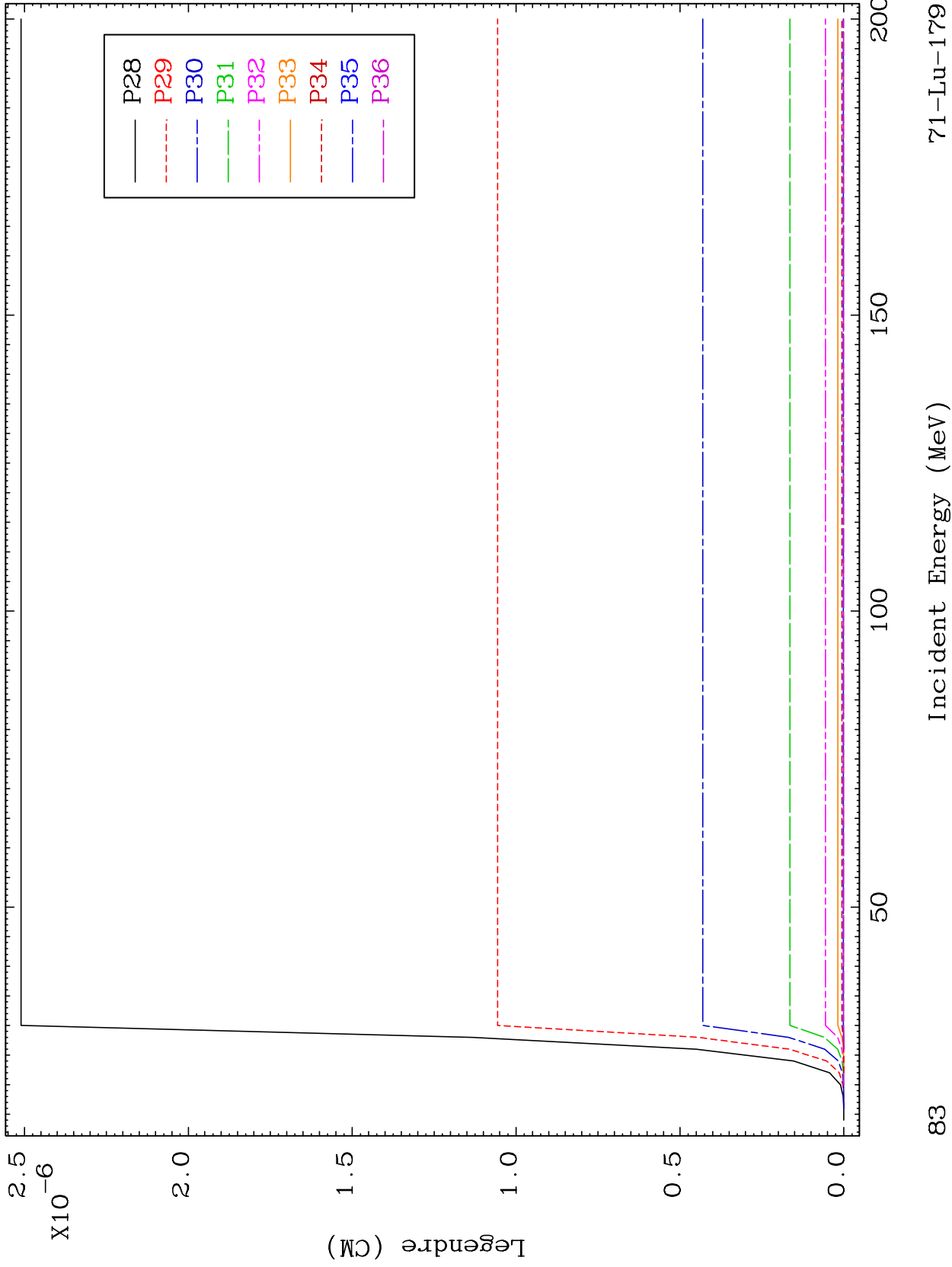
1.189 MeV (n, n') Level
Legendre Coefficients

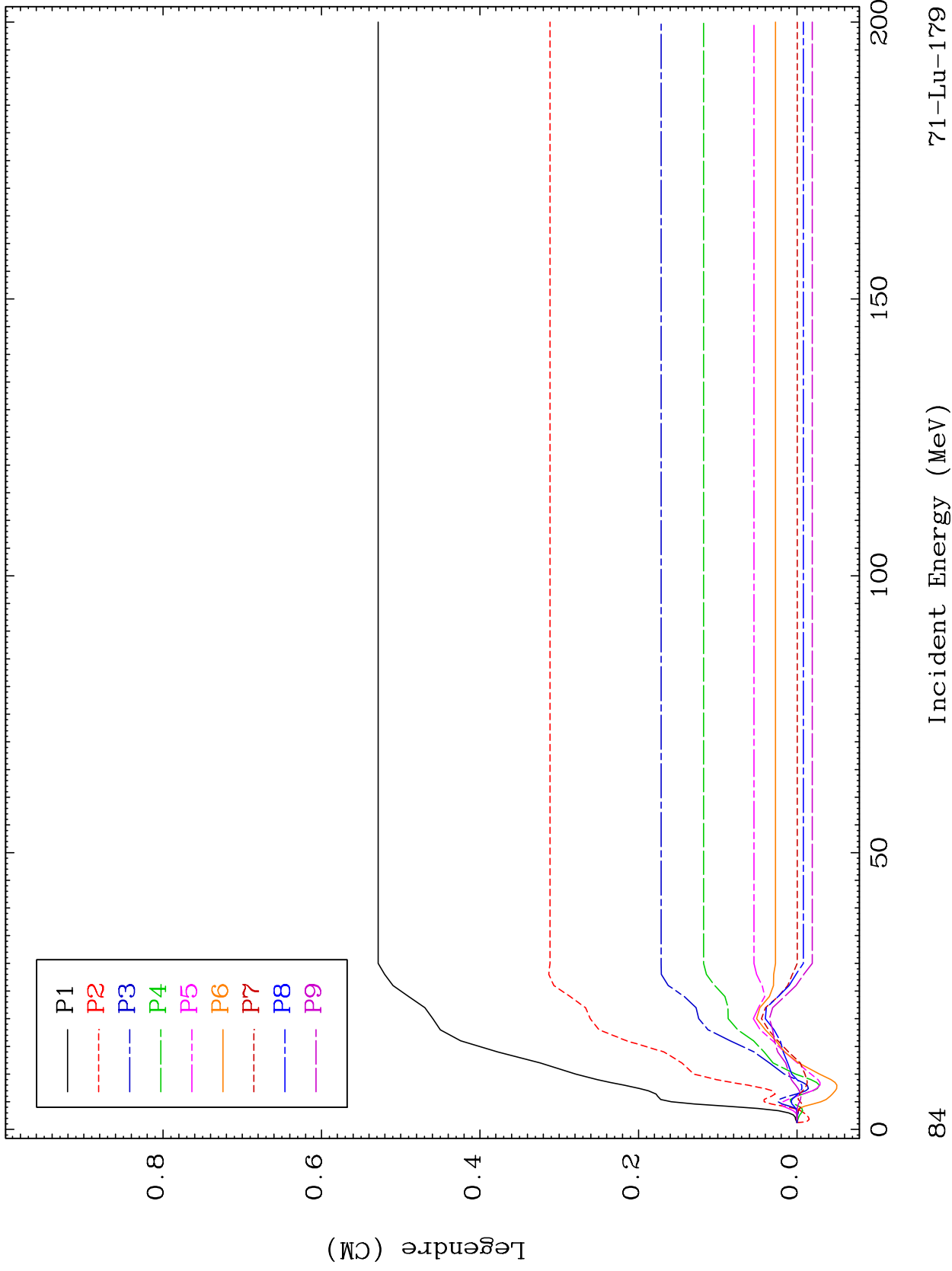
71-Lu-179

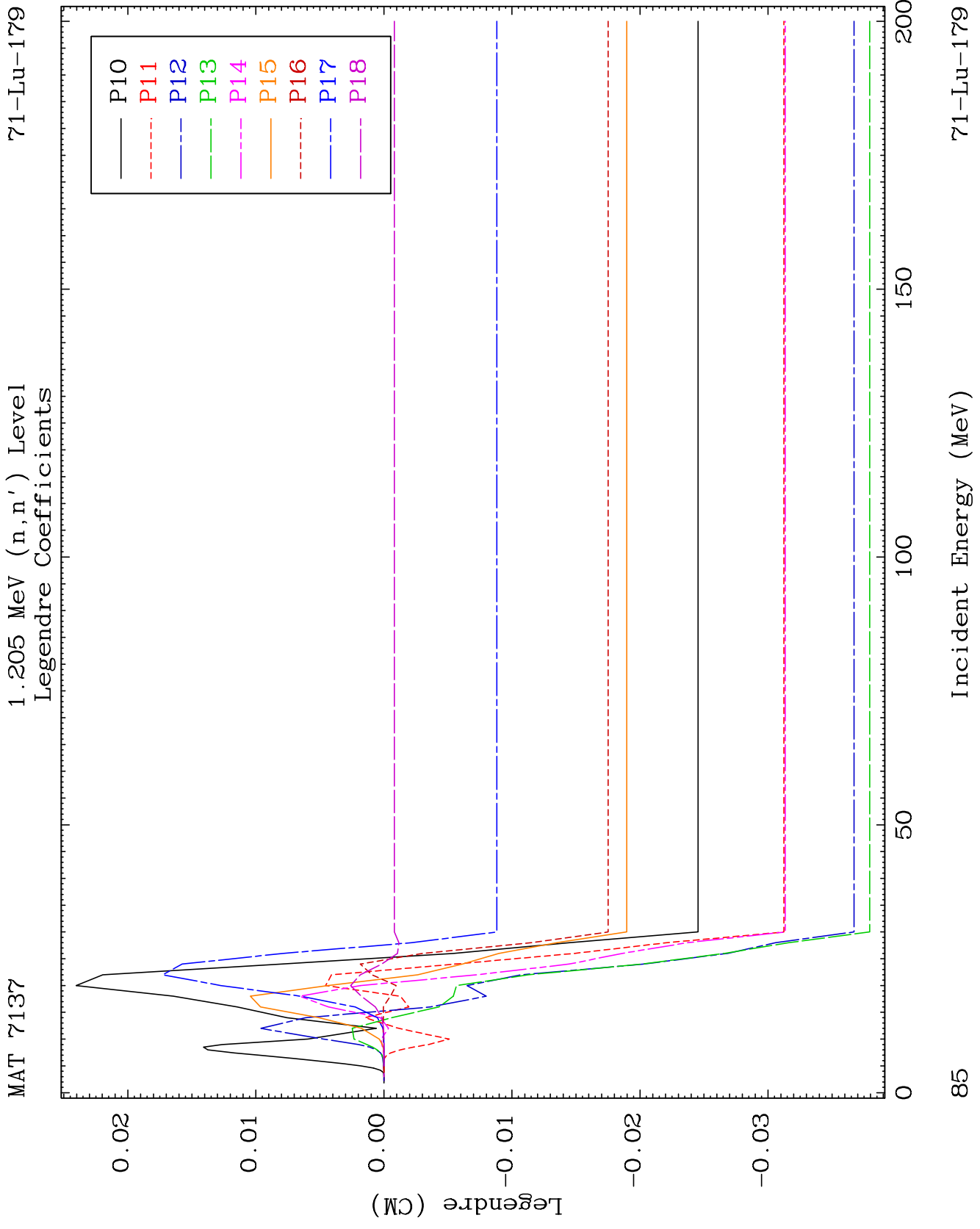


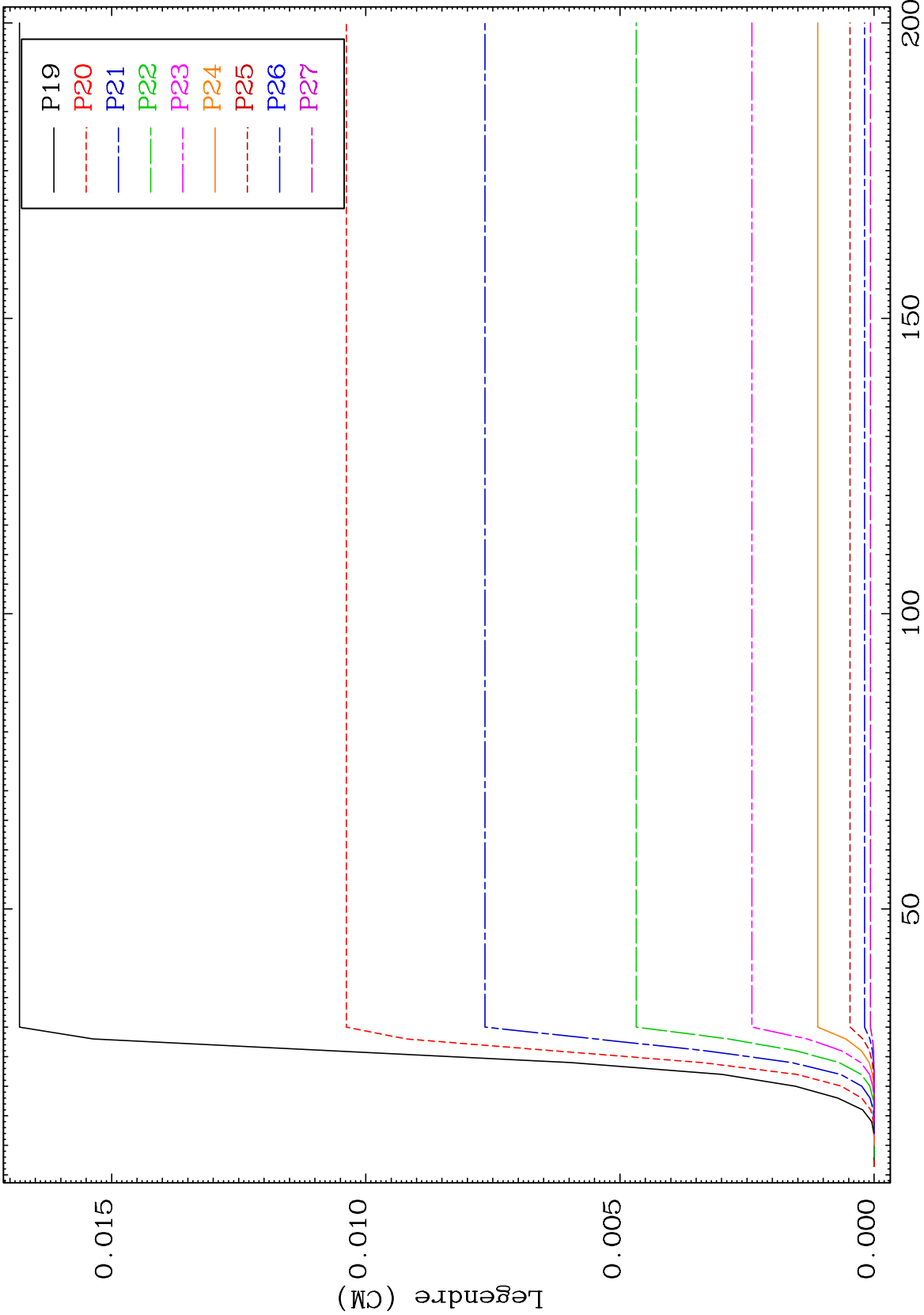
82

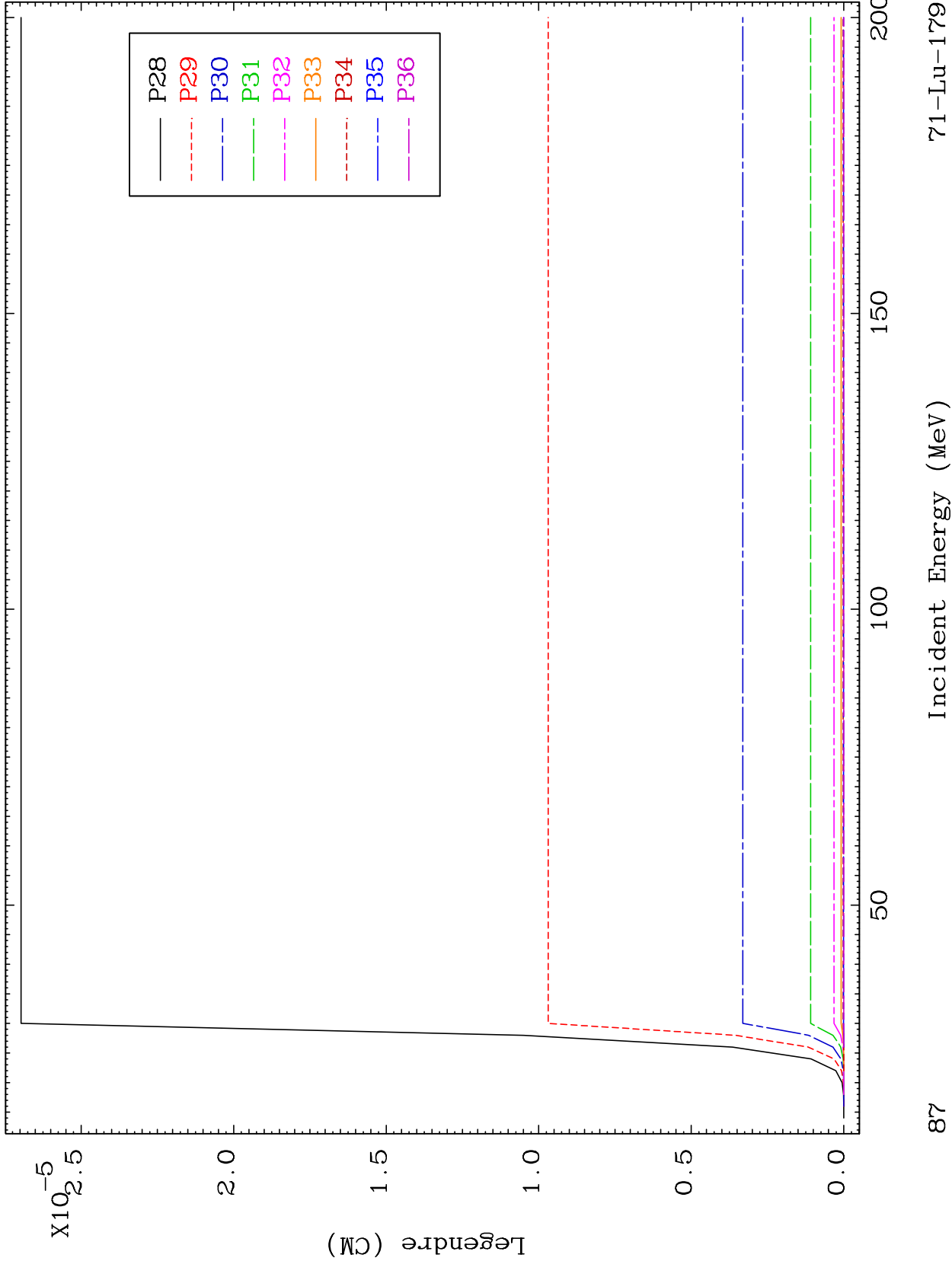
71-Lu-179







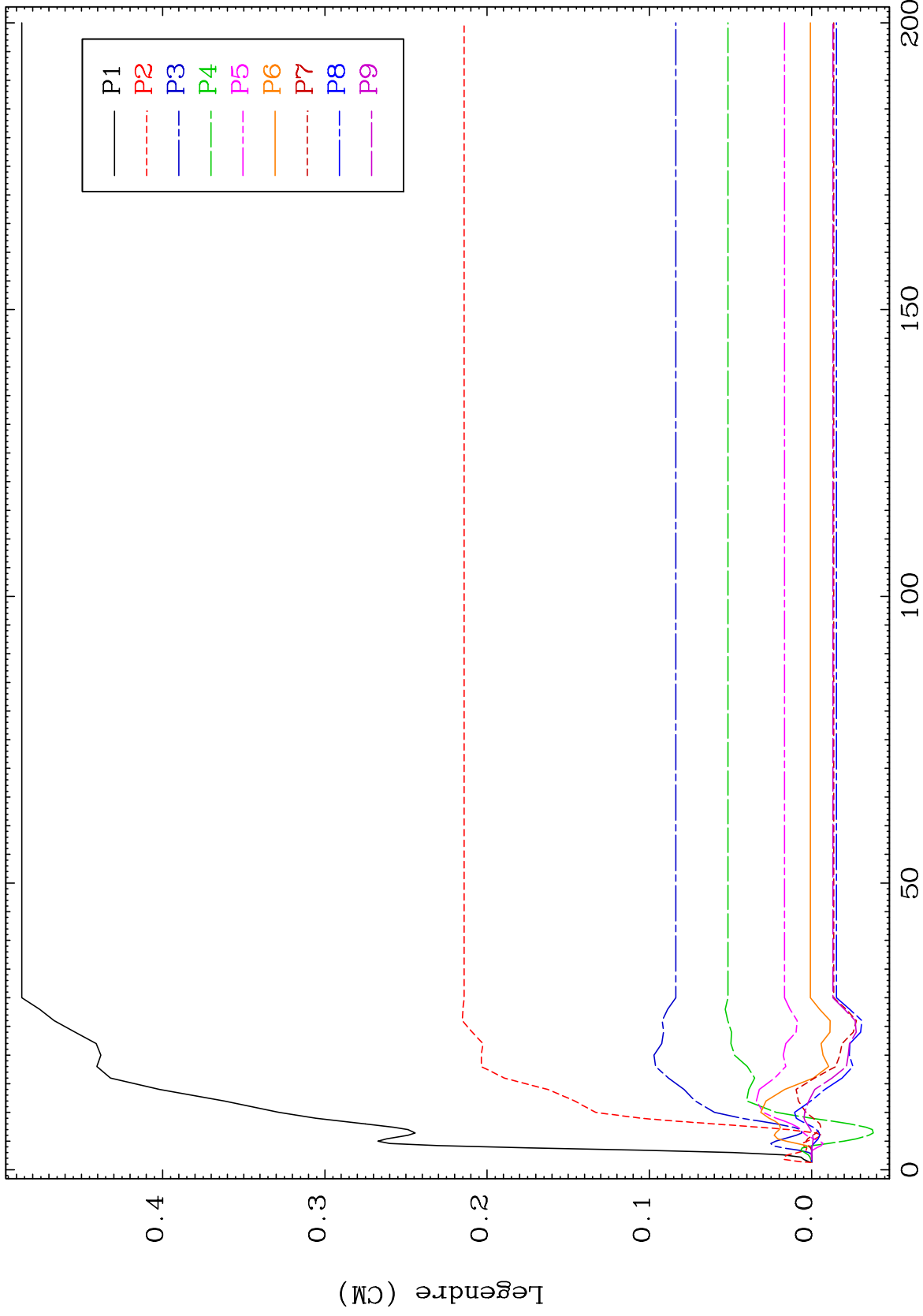




MAT 7137

1.262 MeV (n,n') Level
Legendre Coefficients

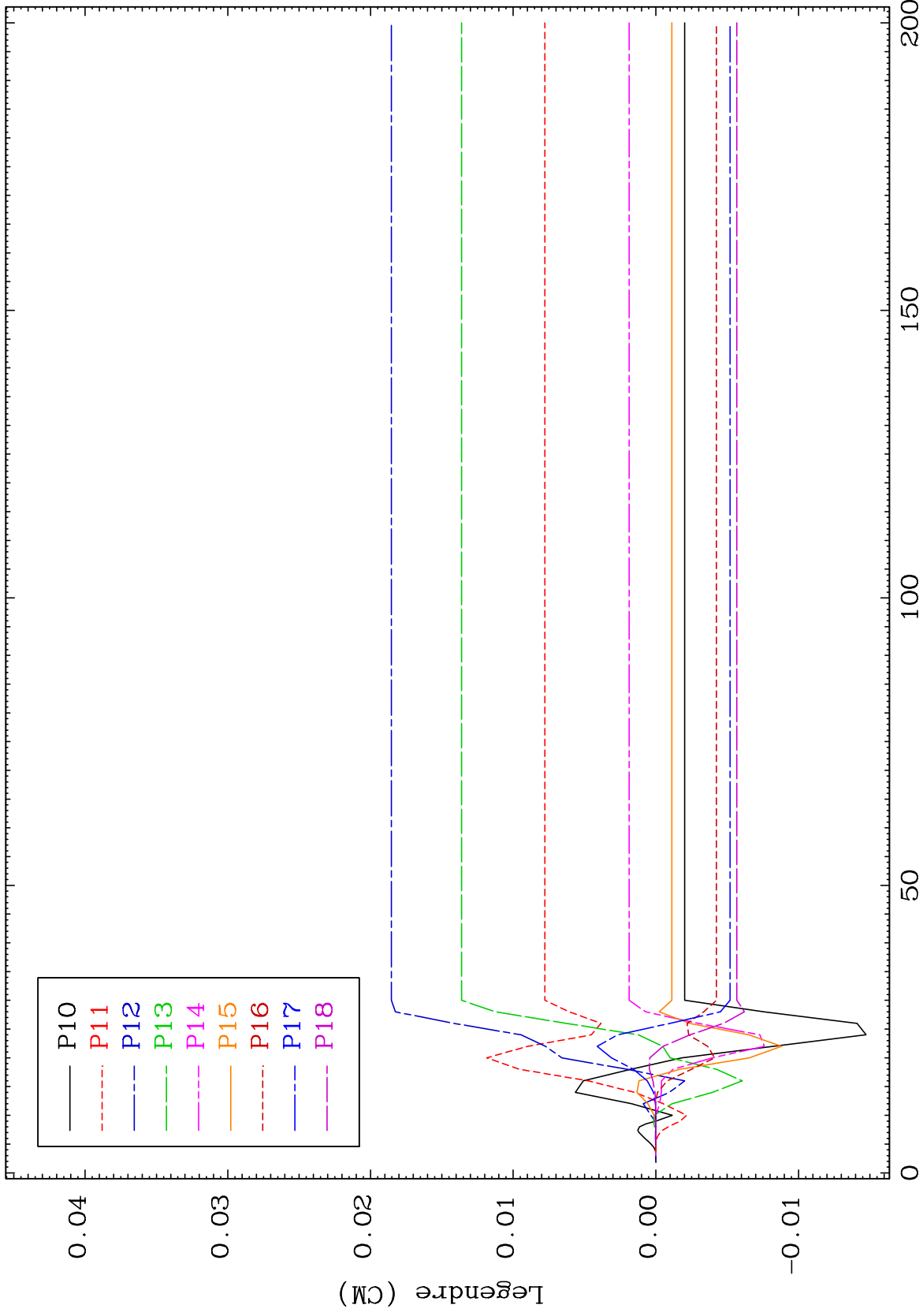
71-Lu-179



88

Incident Energy (MeV)

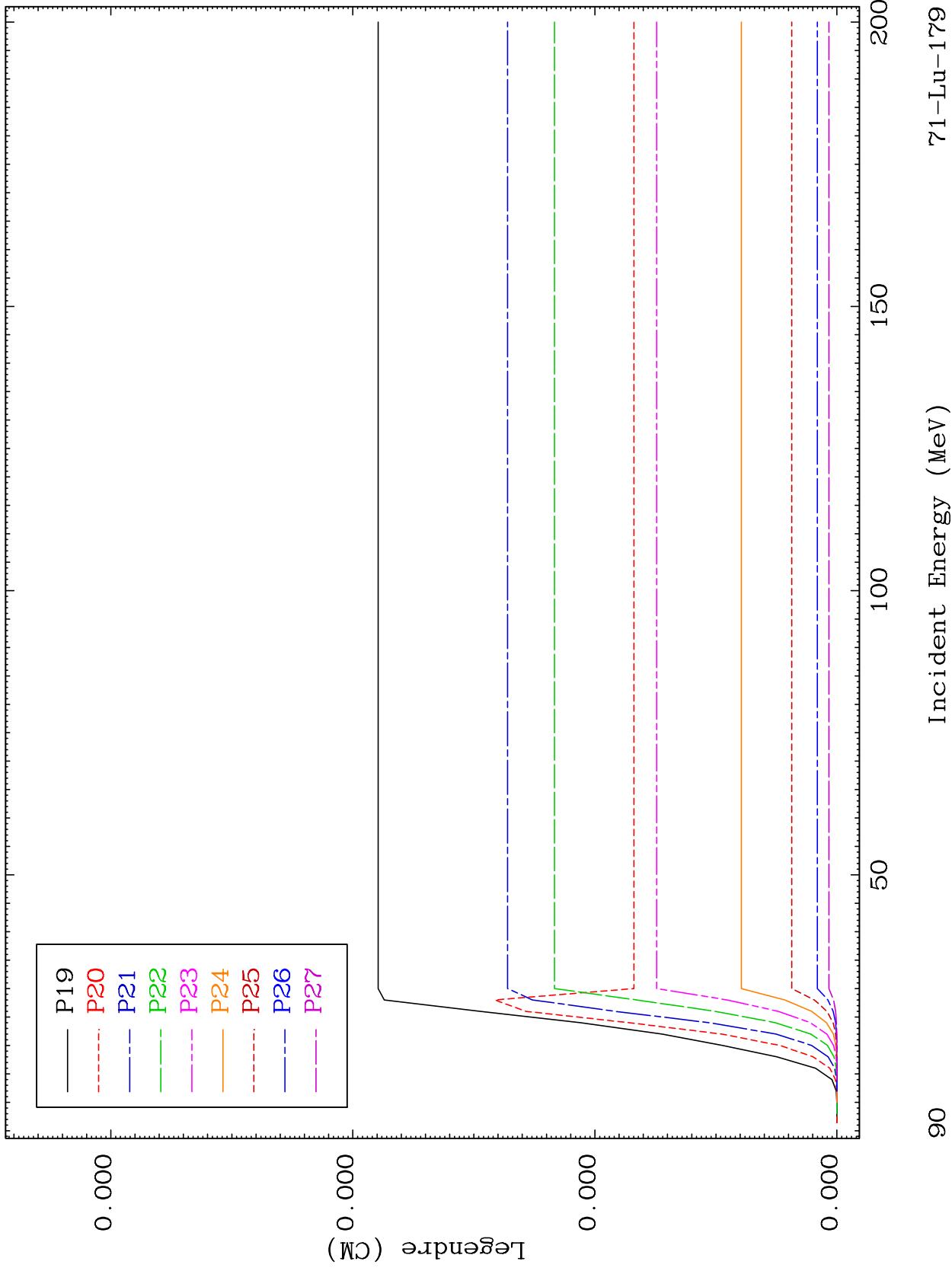
71-Lu-179



MAT 7137

1.262 MeV (n,n') Level
Legendre Coefficients

71-Lu-179



71-Lu-179

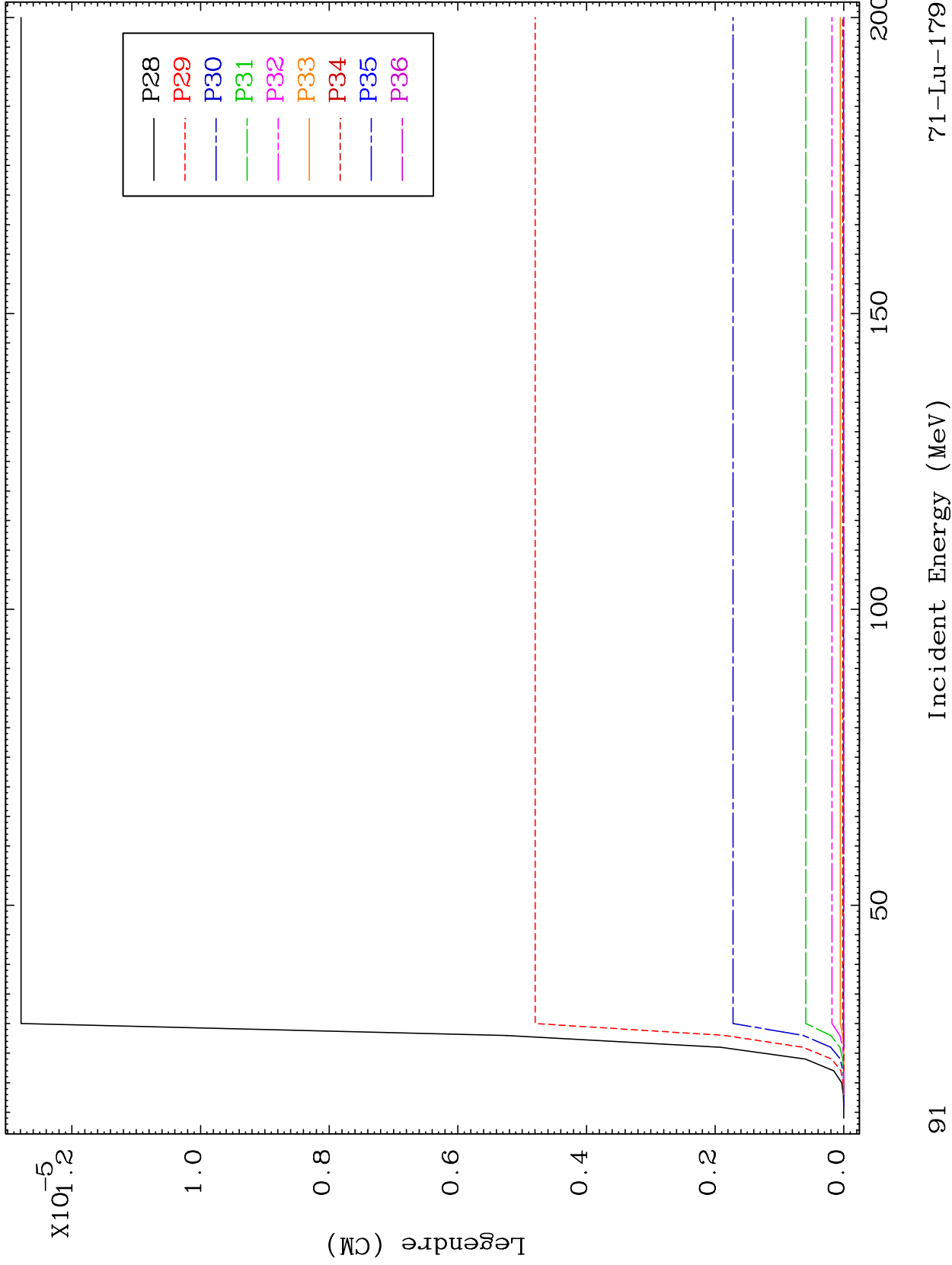
Incident Energy (MeV)

90

MAT 7137

1.262 MeV (n, n') Level
Legendre Coefficients

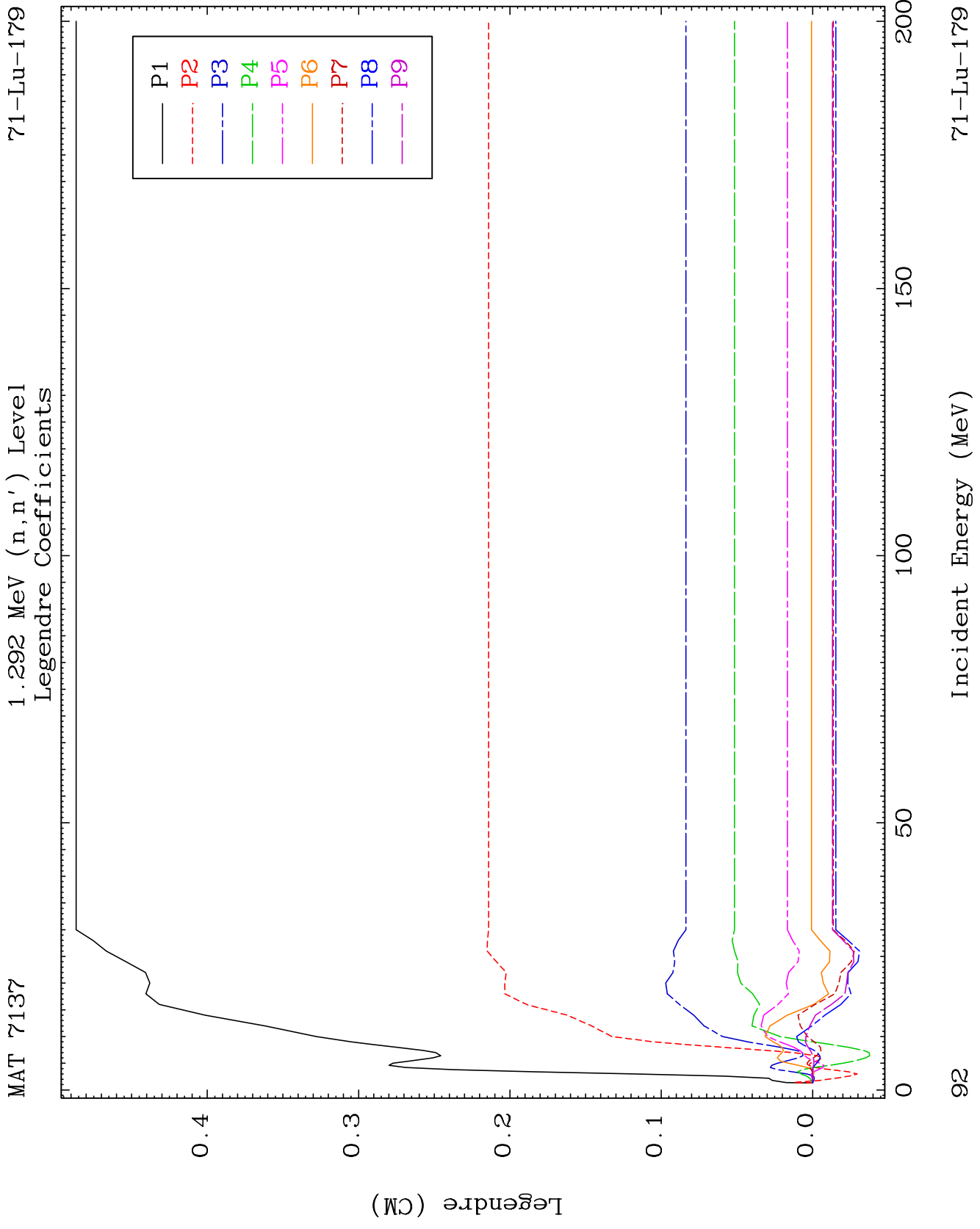
71-Lu-179



91

Incident Energy (MeV)

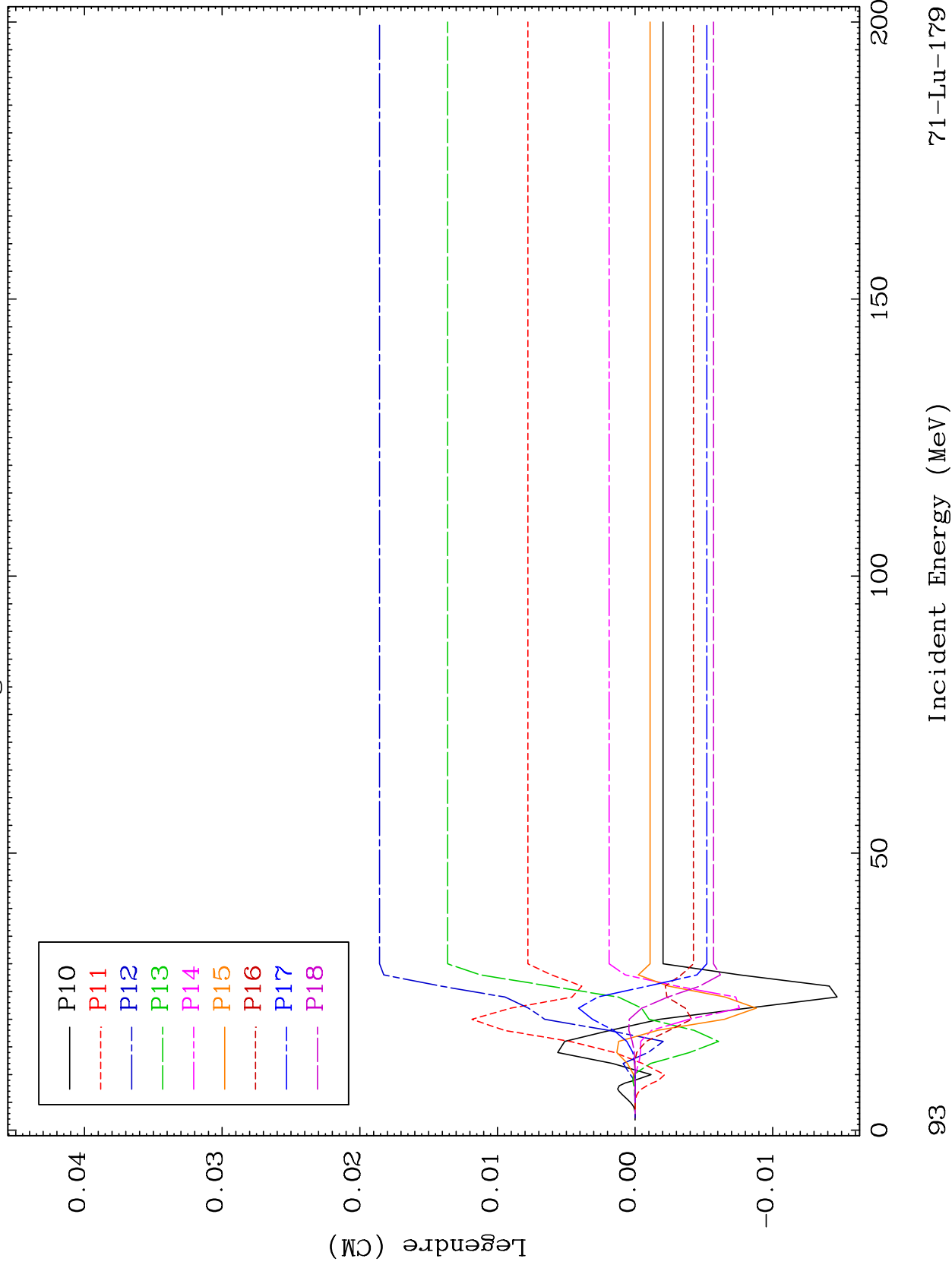
71-Lu-179



MAT 7137

1.292 MeV (n, n') Level
Legendre Coefficients

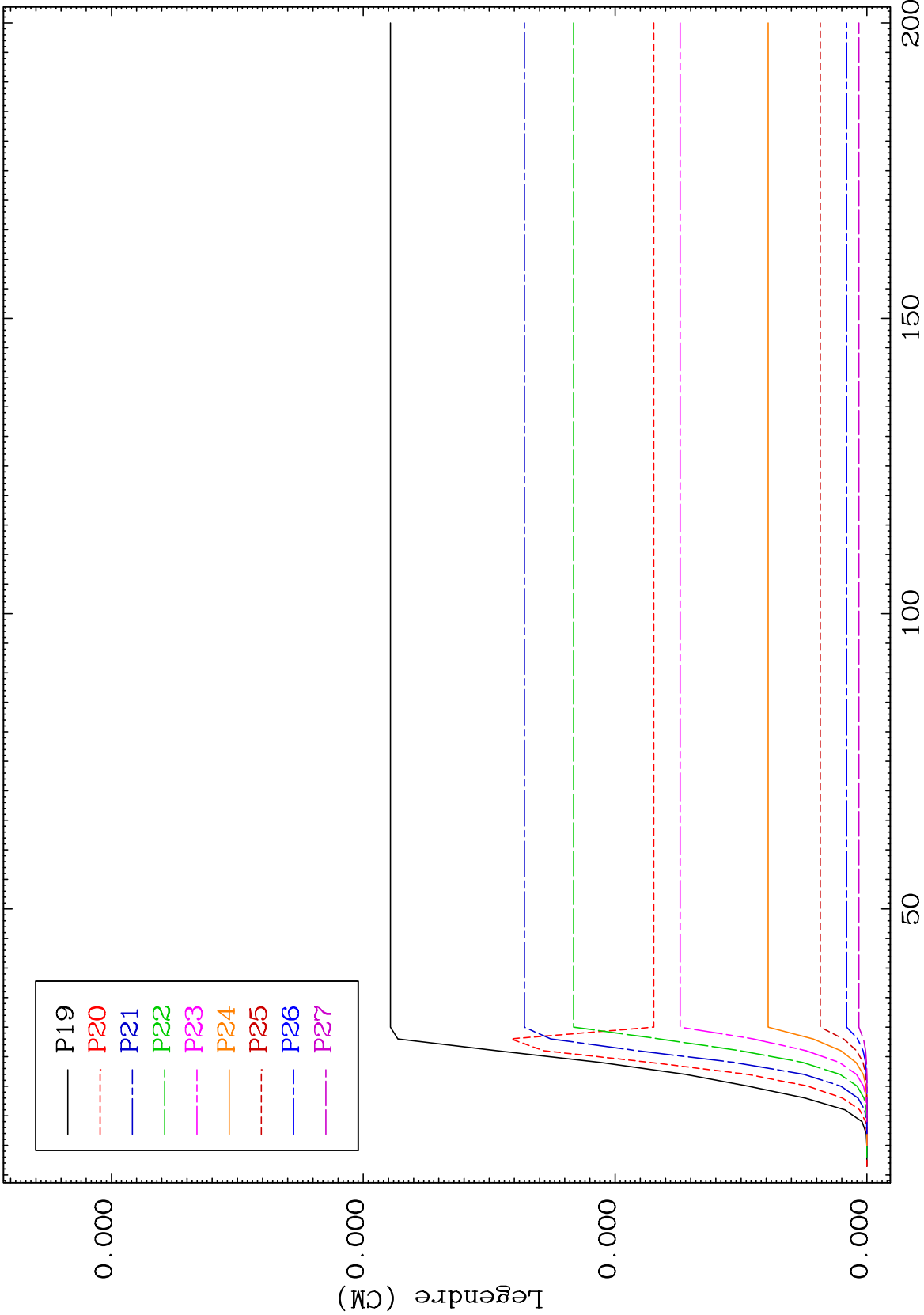
71-Lu-179

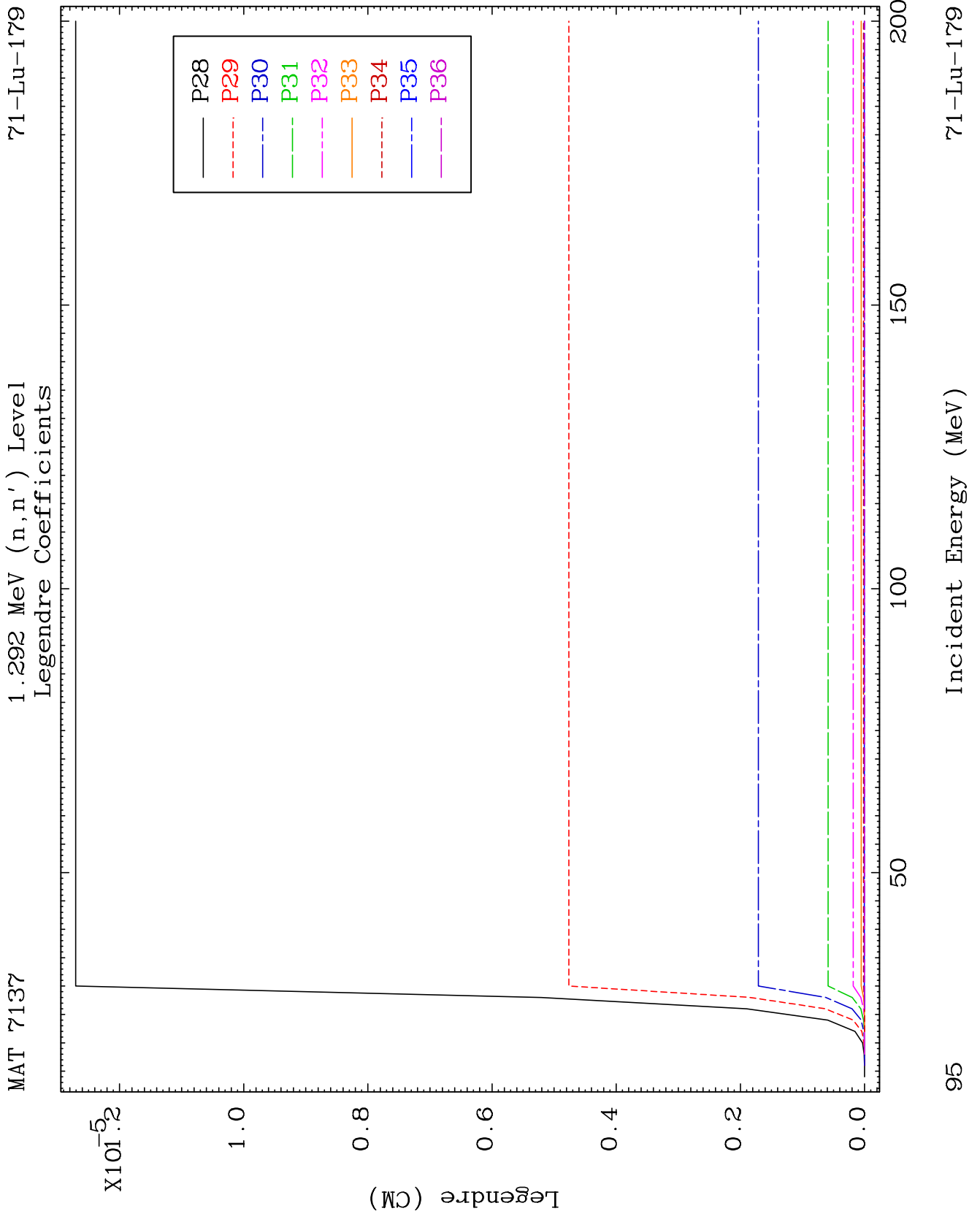


93

Incident Energy (MeV)

71-Lu-179

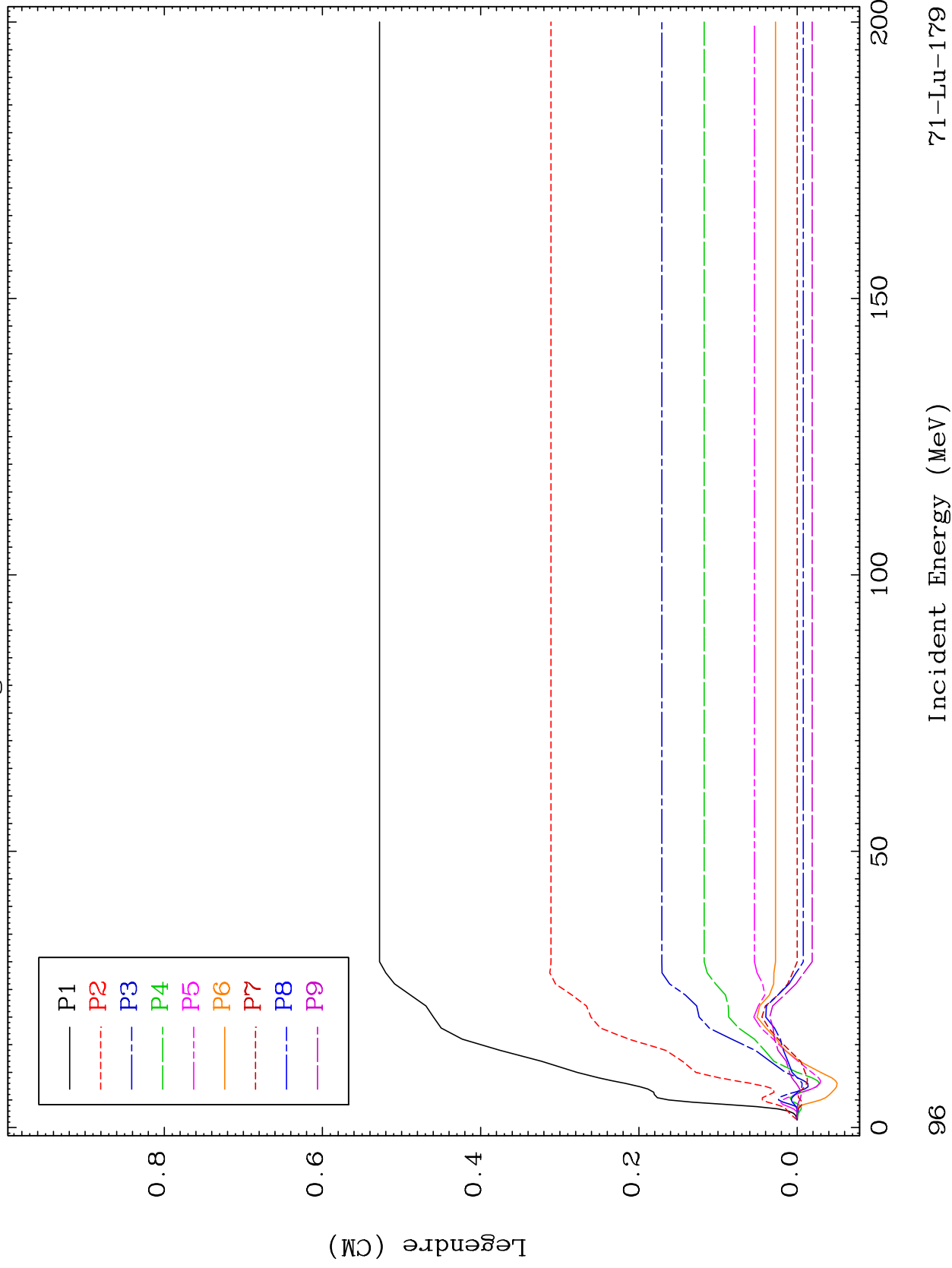




MAT 7137

1.354 MeV (n,n') Level
Legendre Coefficients

71-Lu-179



71-Lu-179

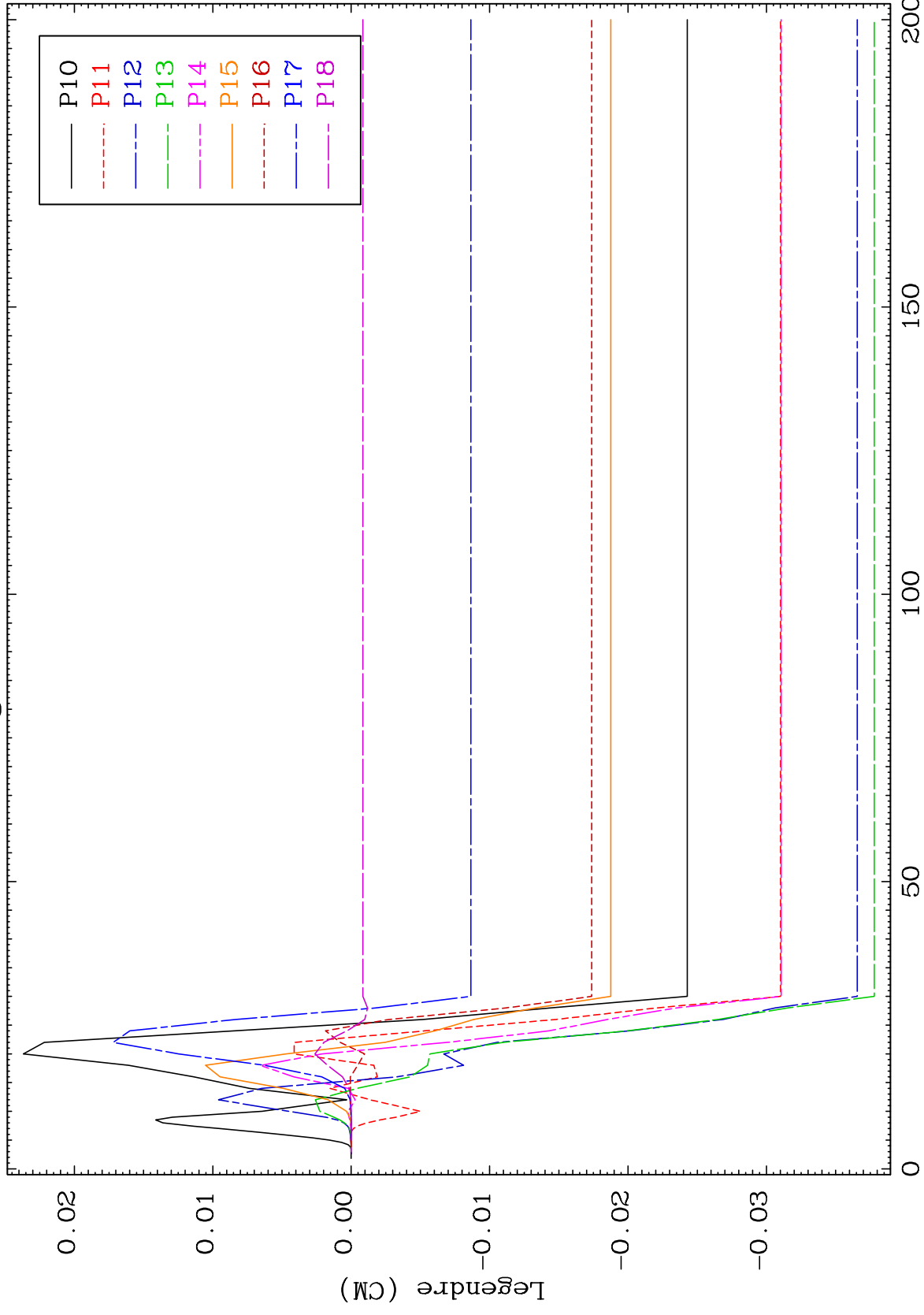
Incident Energy (MeV)

96

MAT 7137

1.354 MeV (n,n') Level
Legendre Coefficients

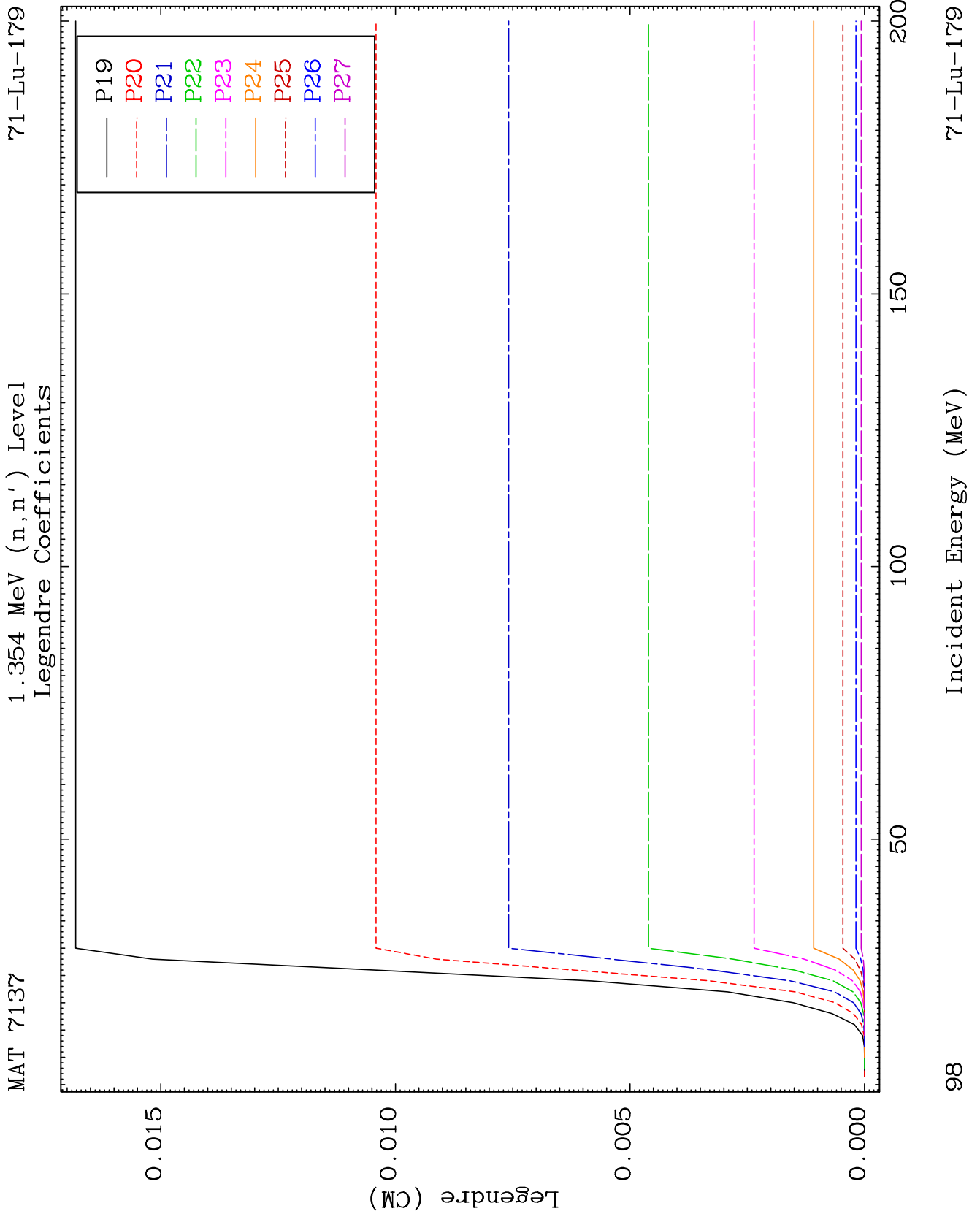
71-Lu-179

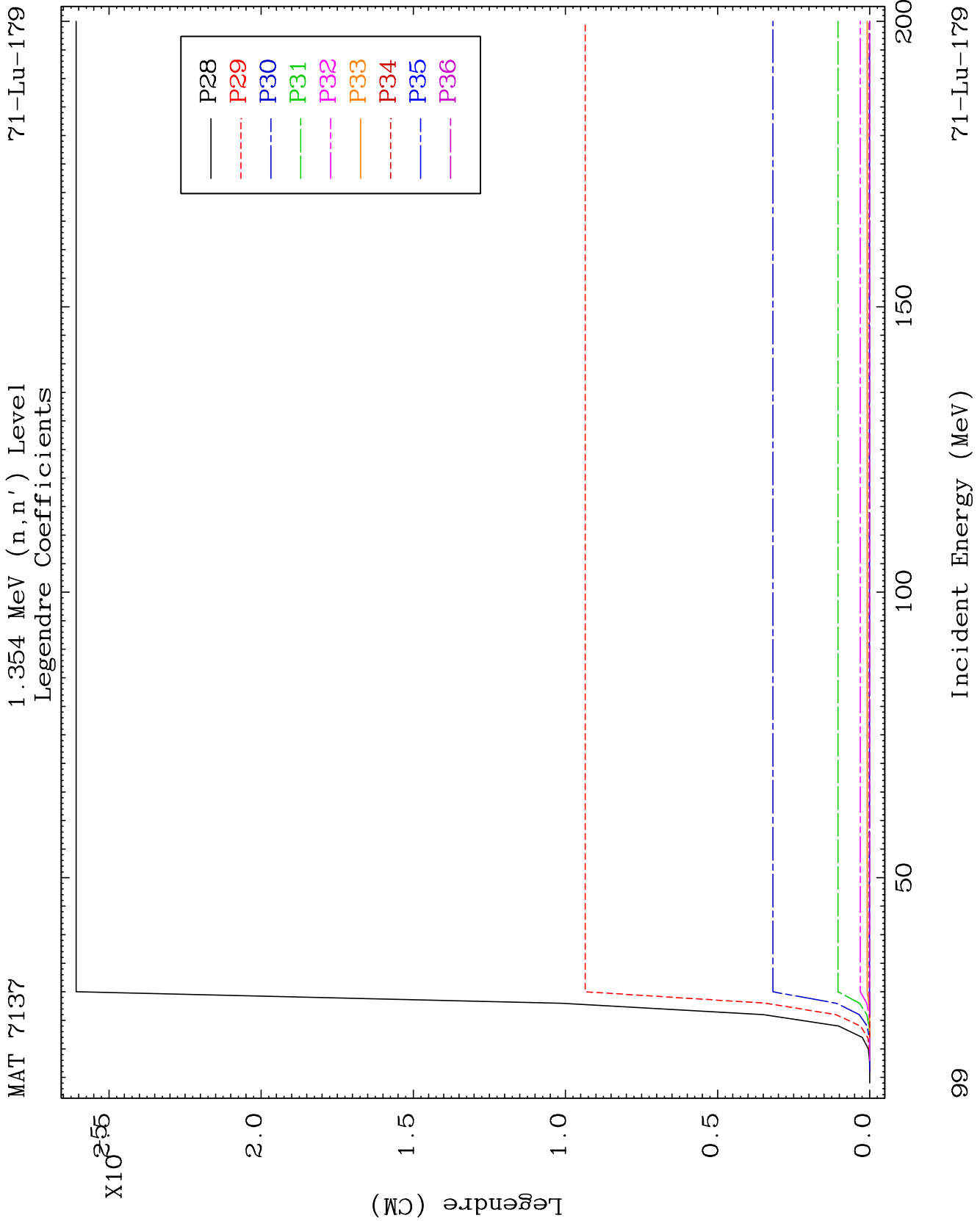


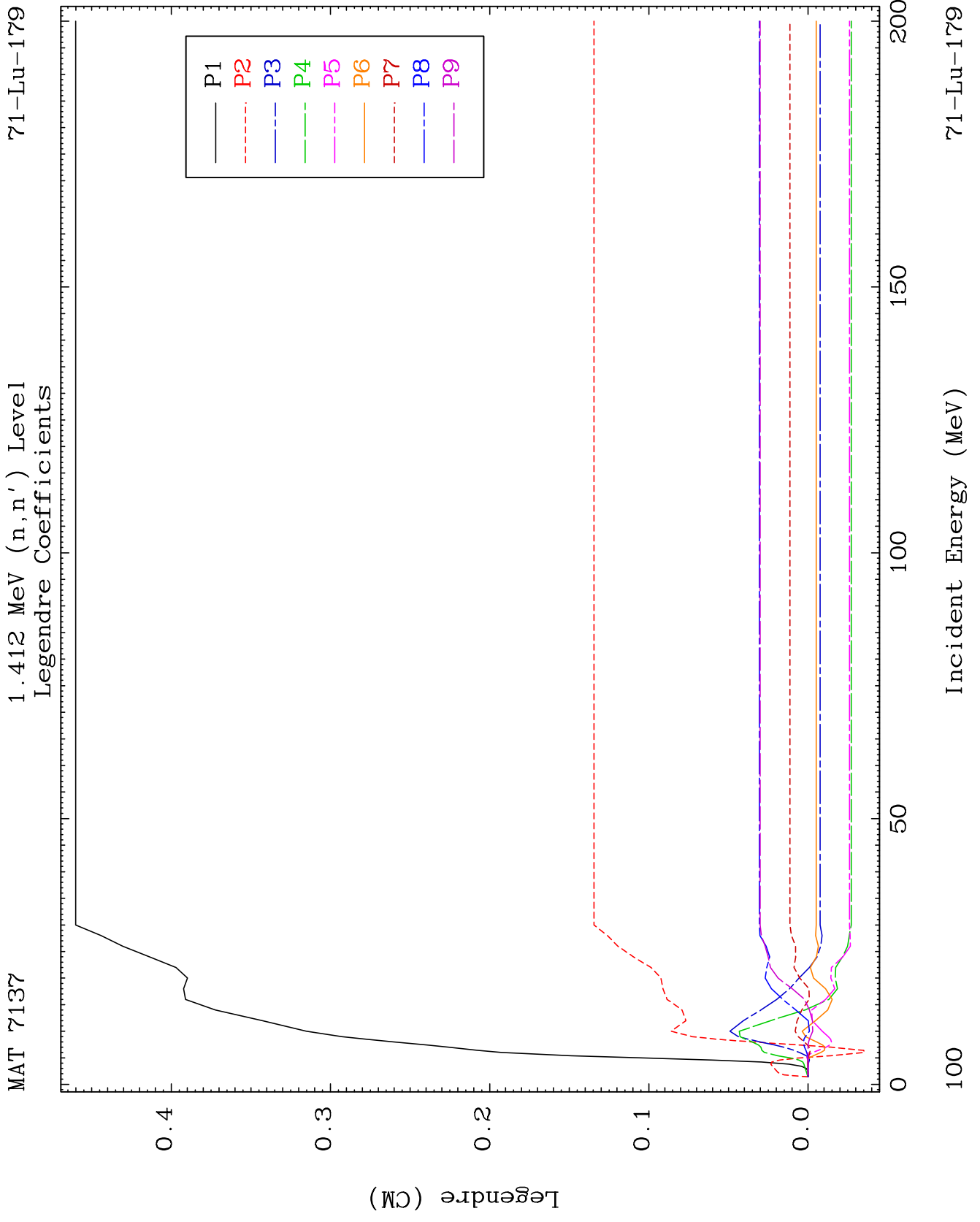
97

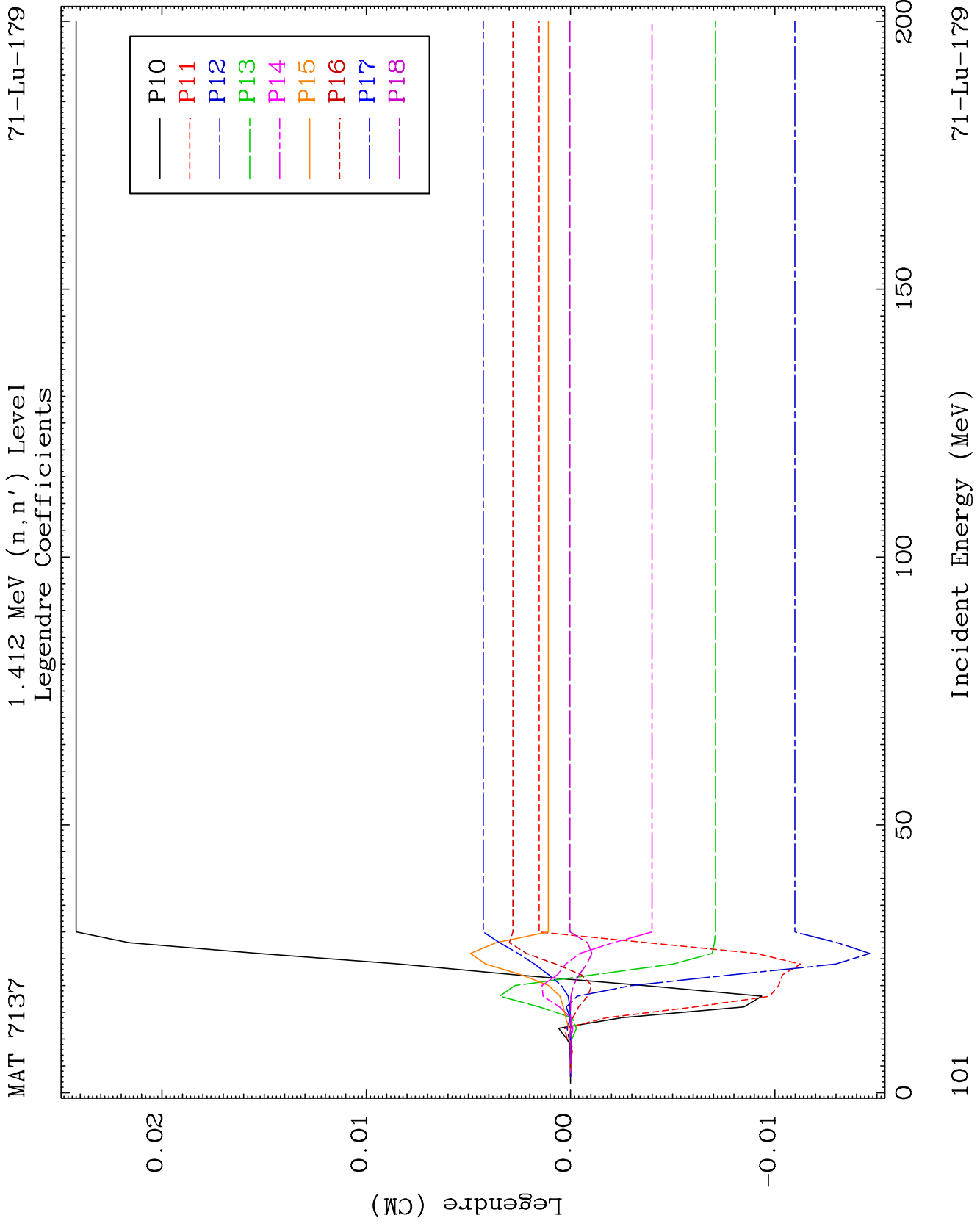
Incident Energy (MeV)

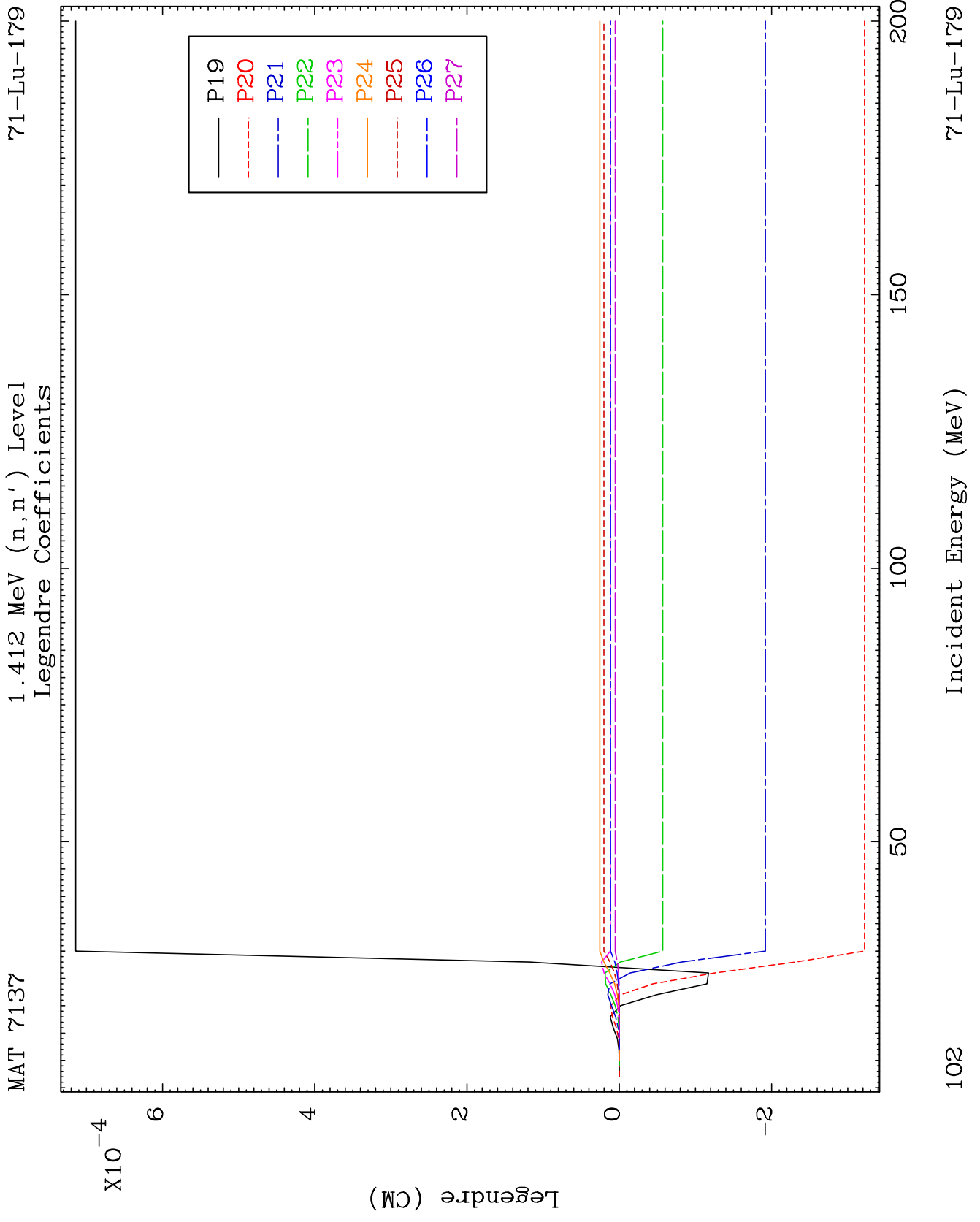
71-Lu-179

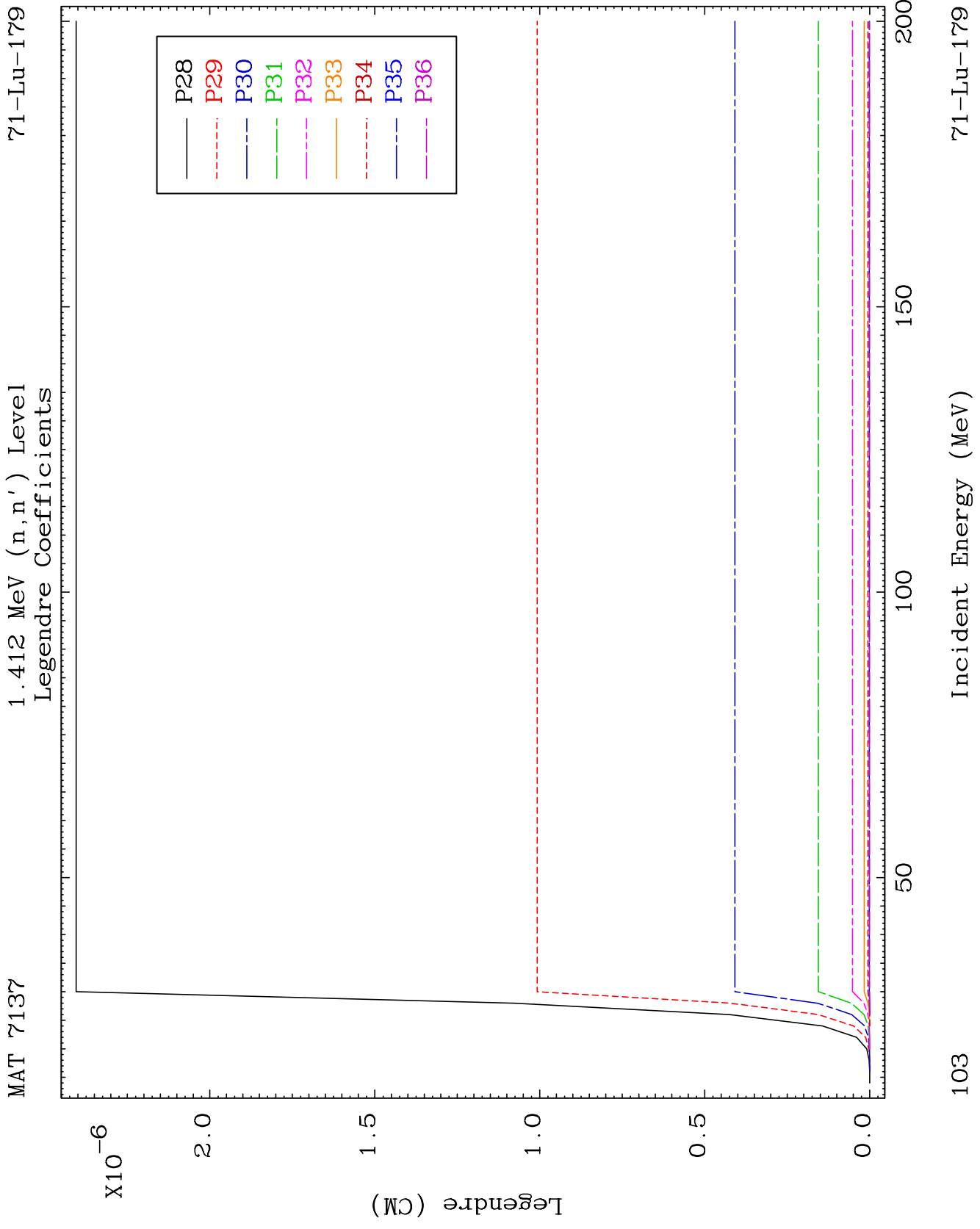


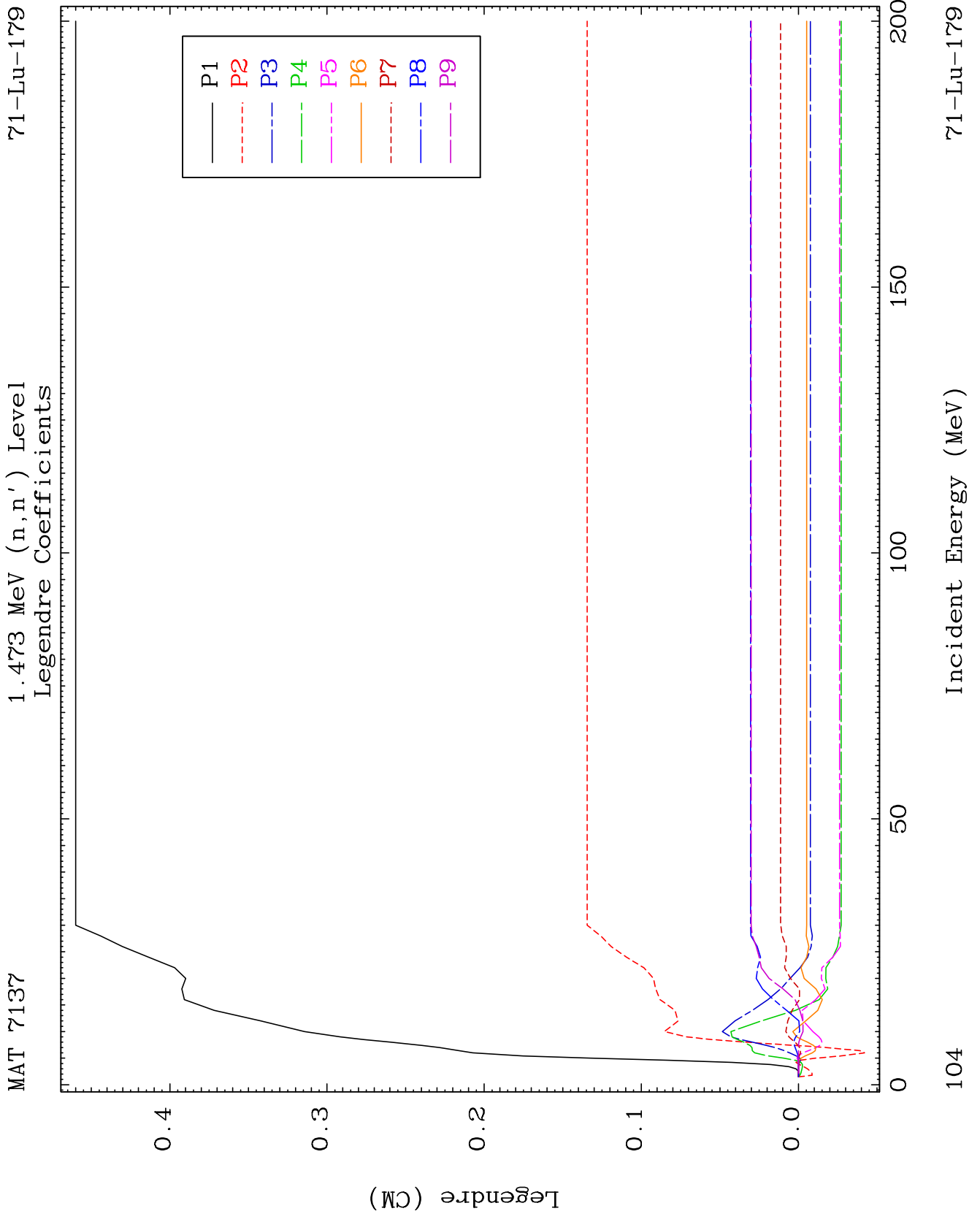








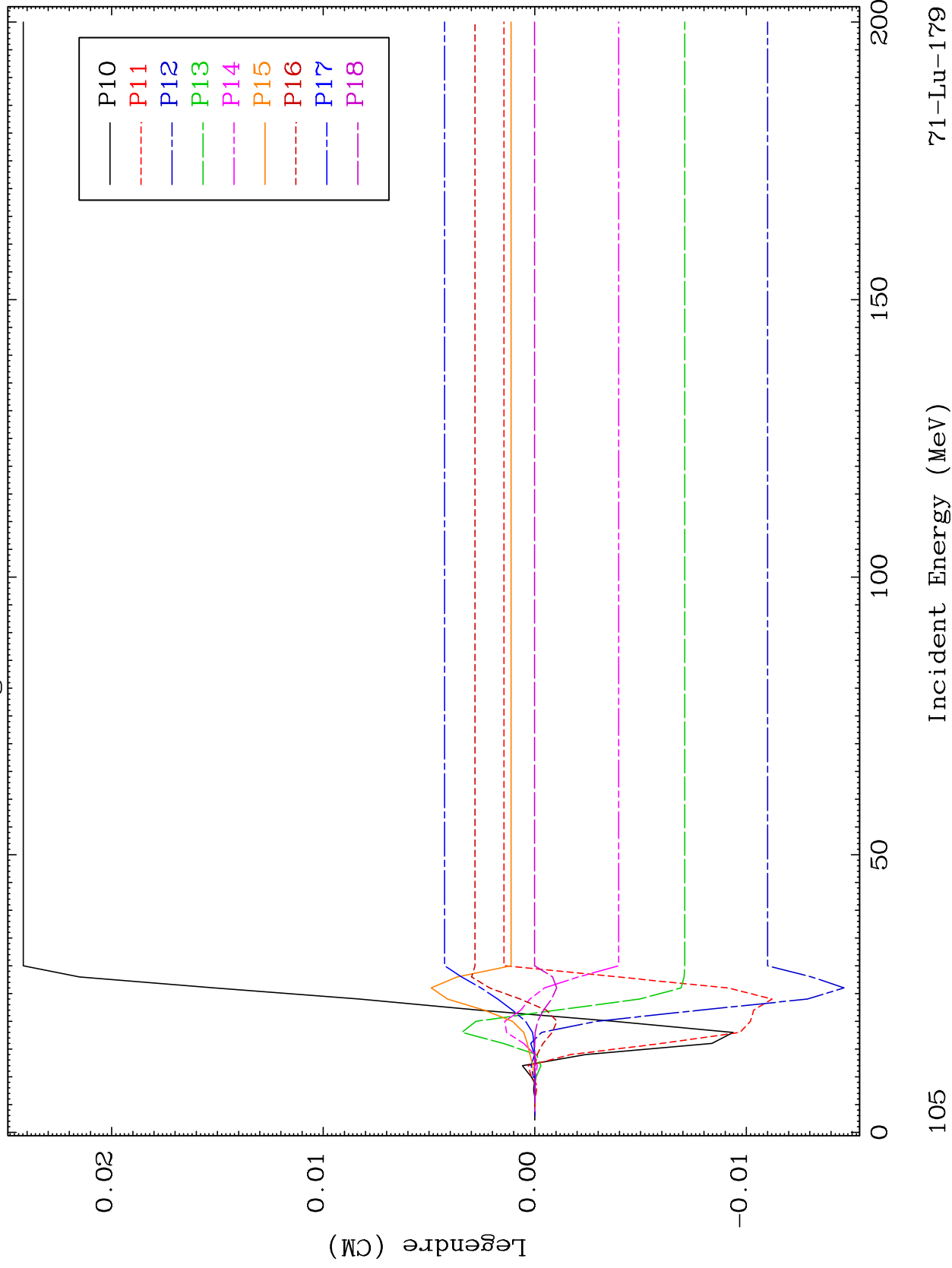




MAT 7137

1.473 MeV (n,n') Level
Legendre Coefficients

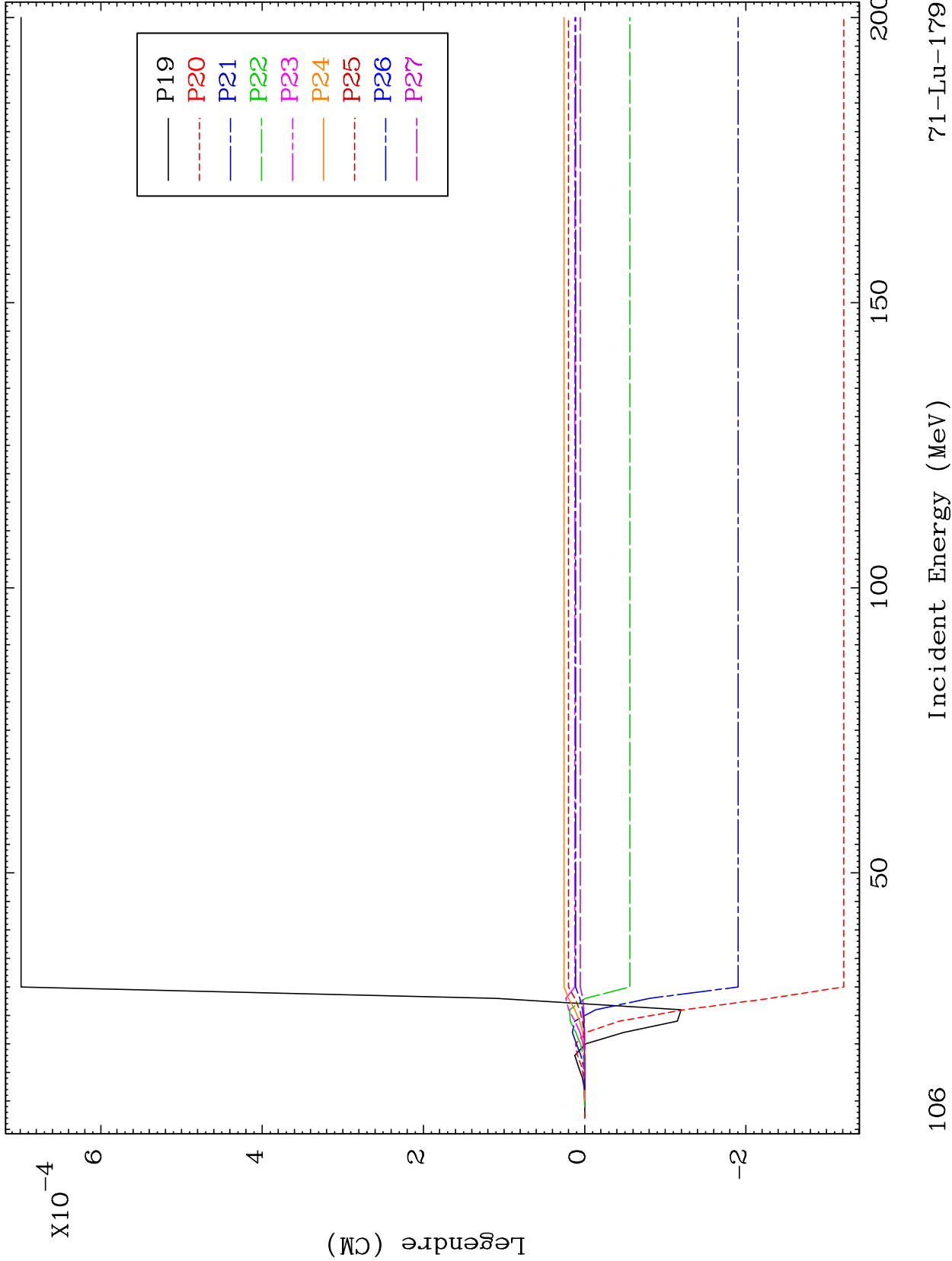
71-Lu-179

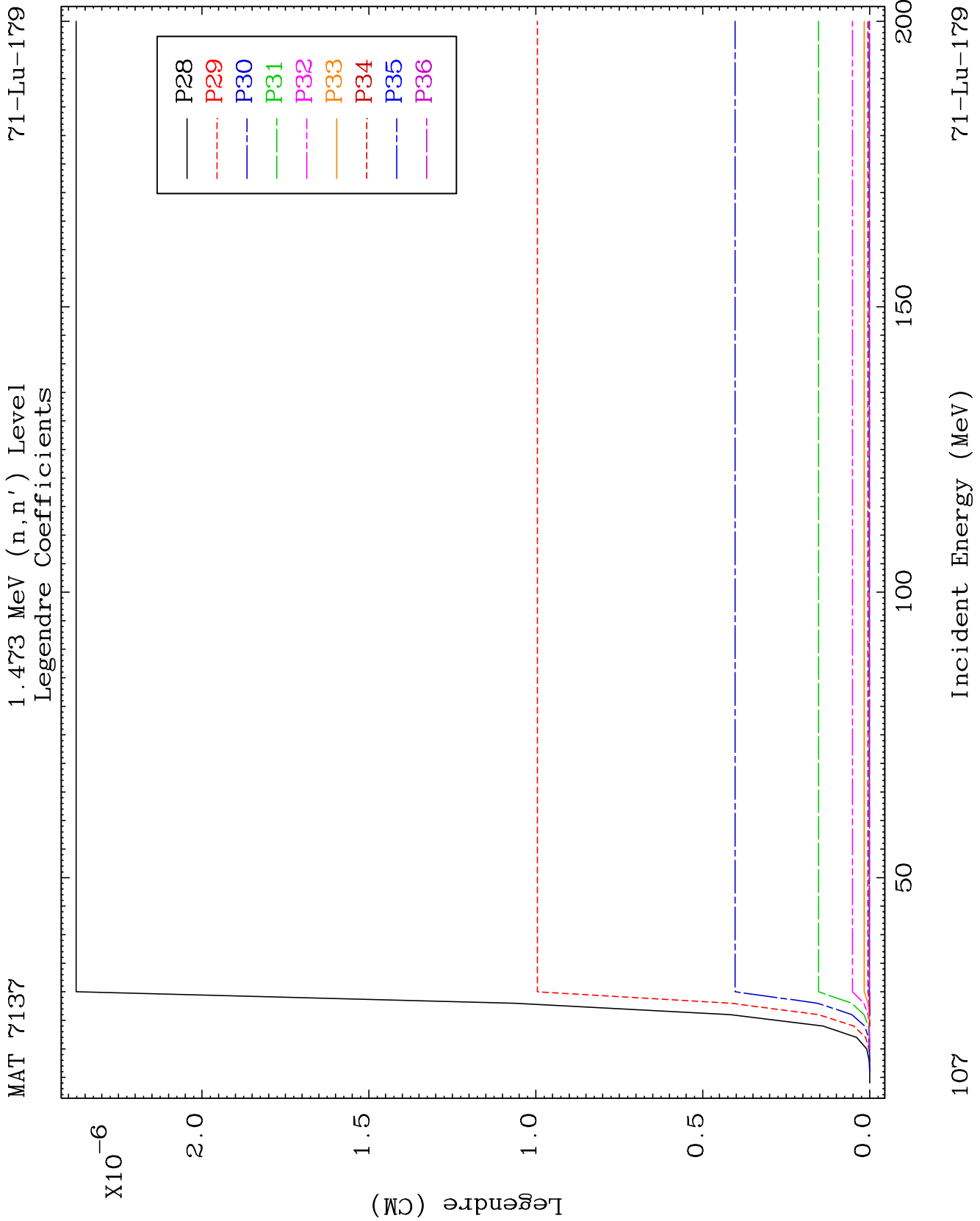


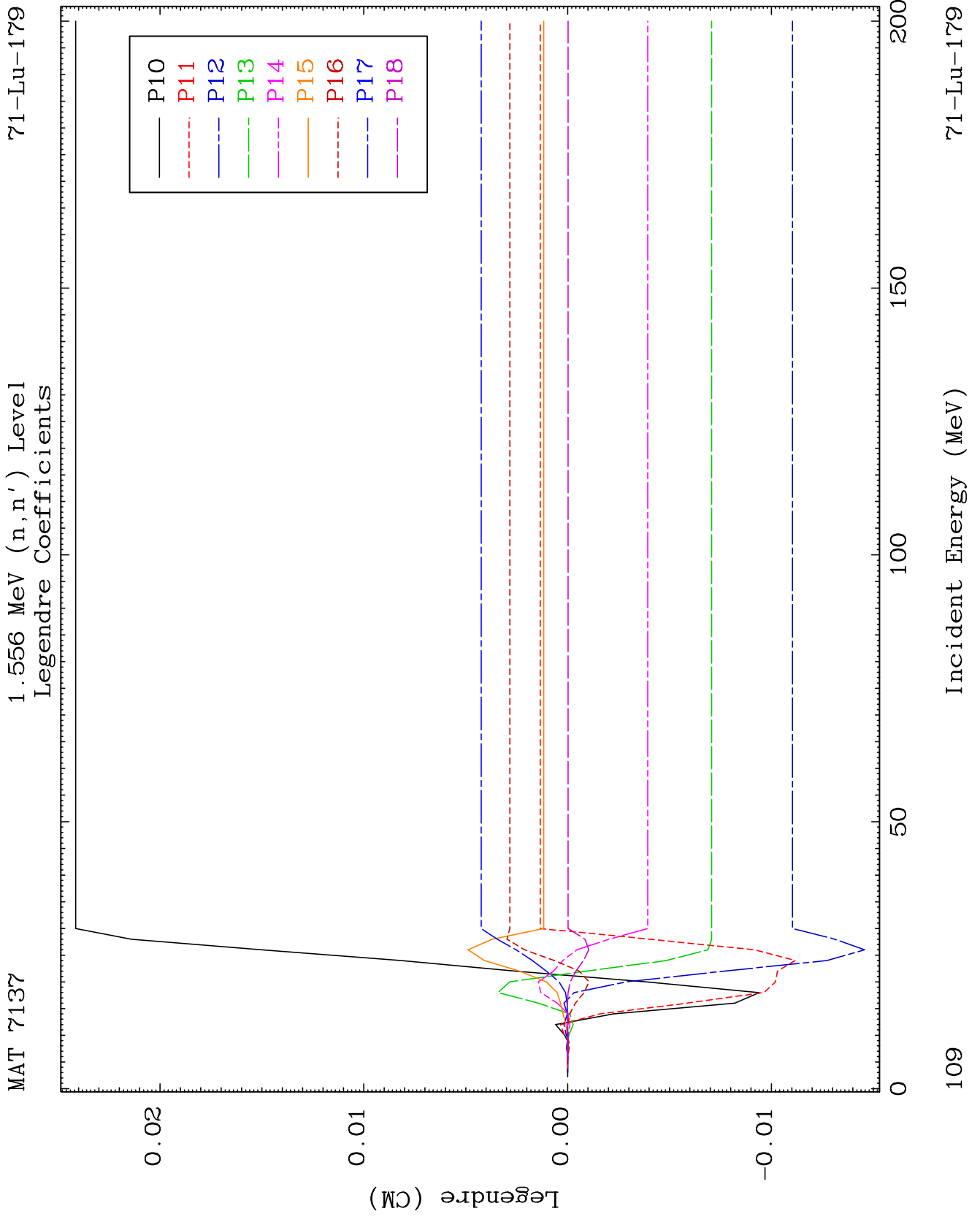
71-Lu-179

Incident Energy (MeV)

105



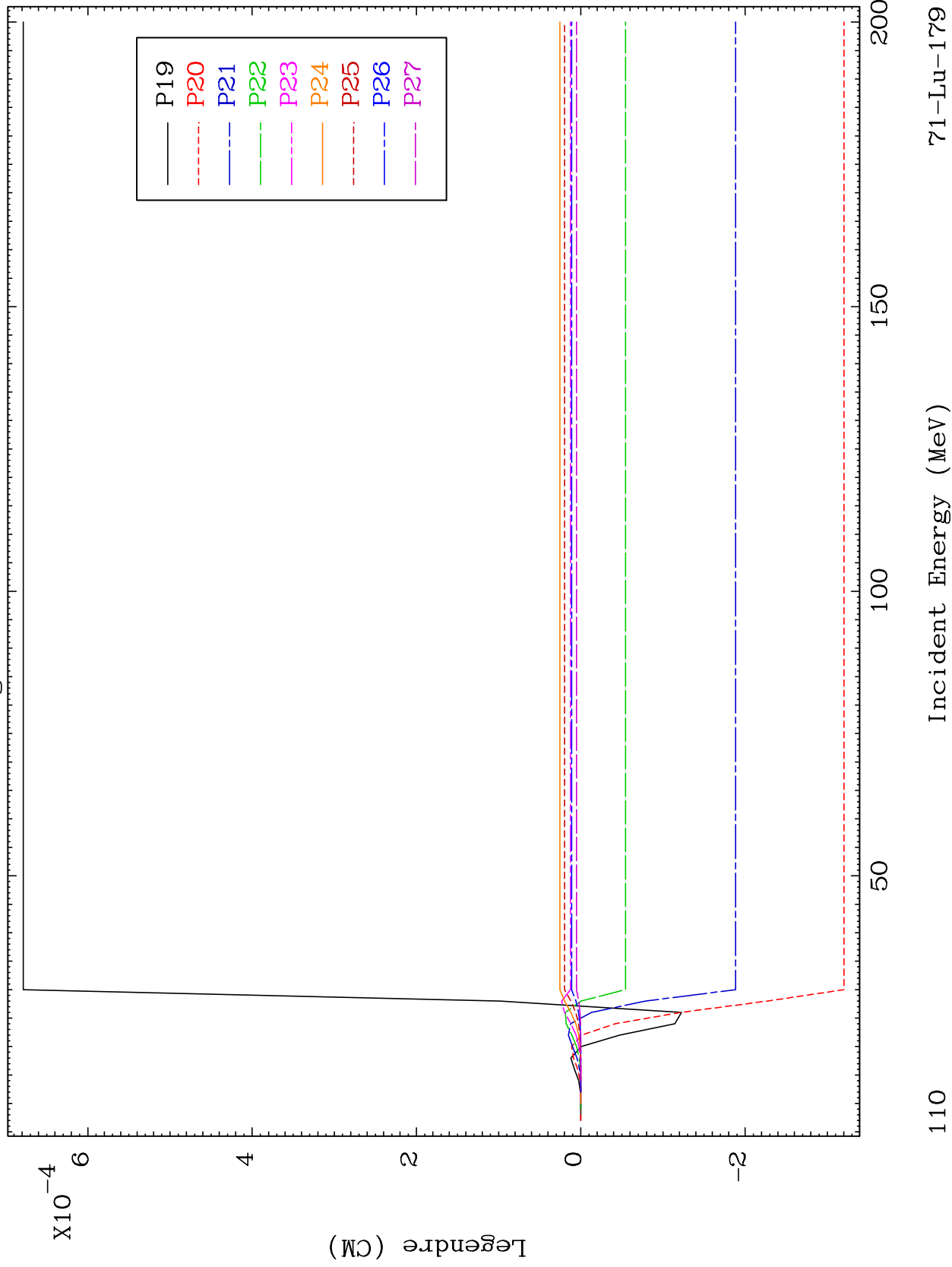




MAT 7137

1.556 MeV (n, n') Level
Legendre Coefficients

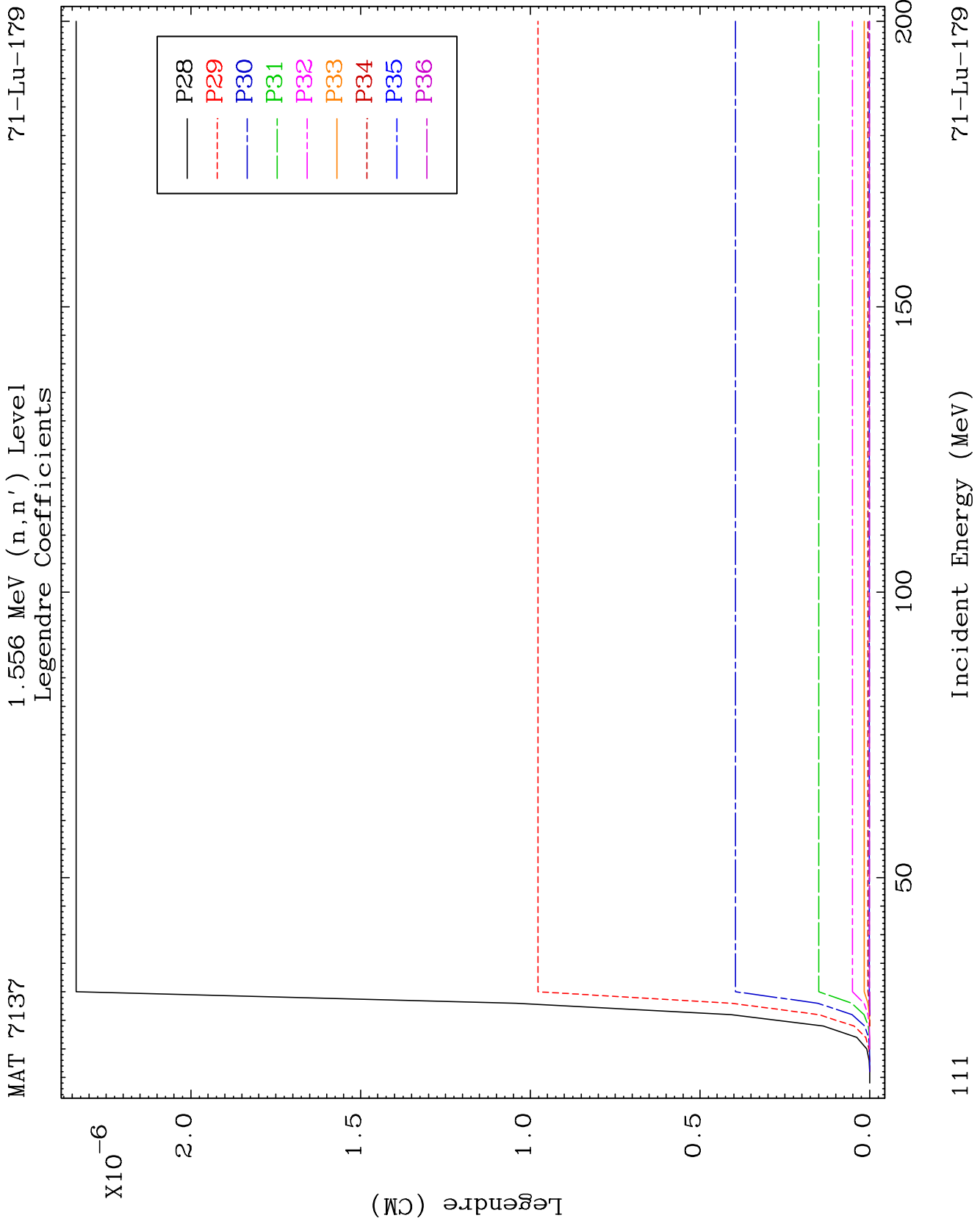
71-Lu-179

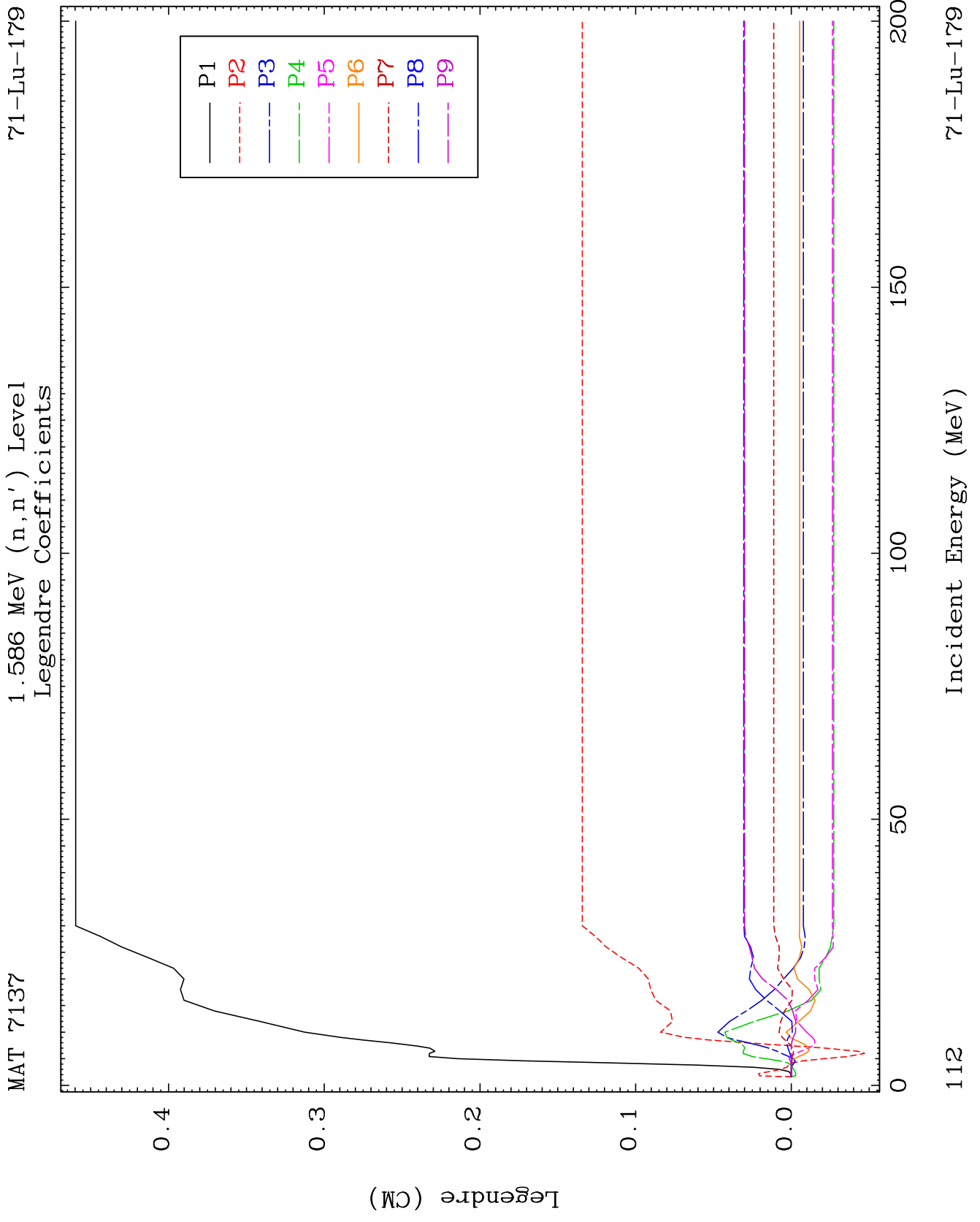


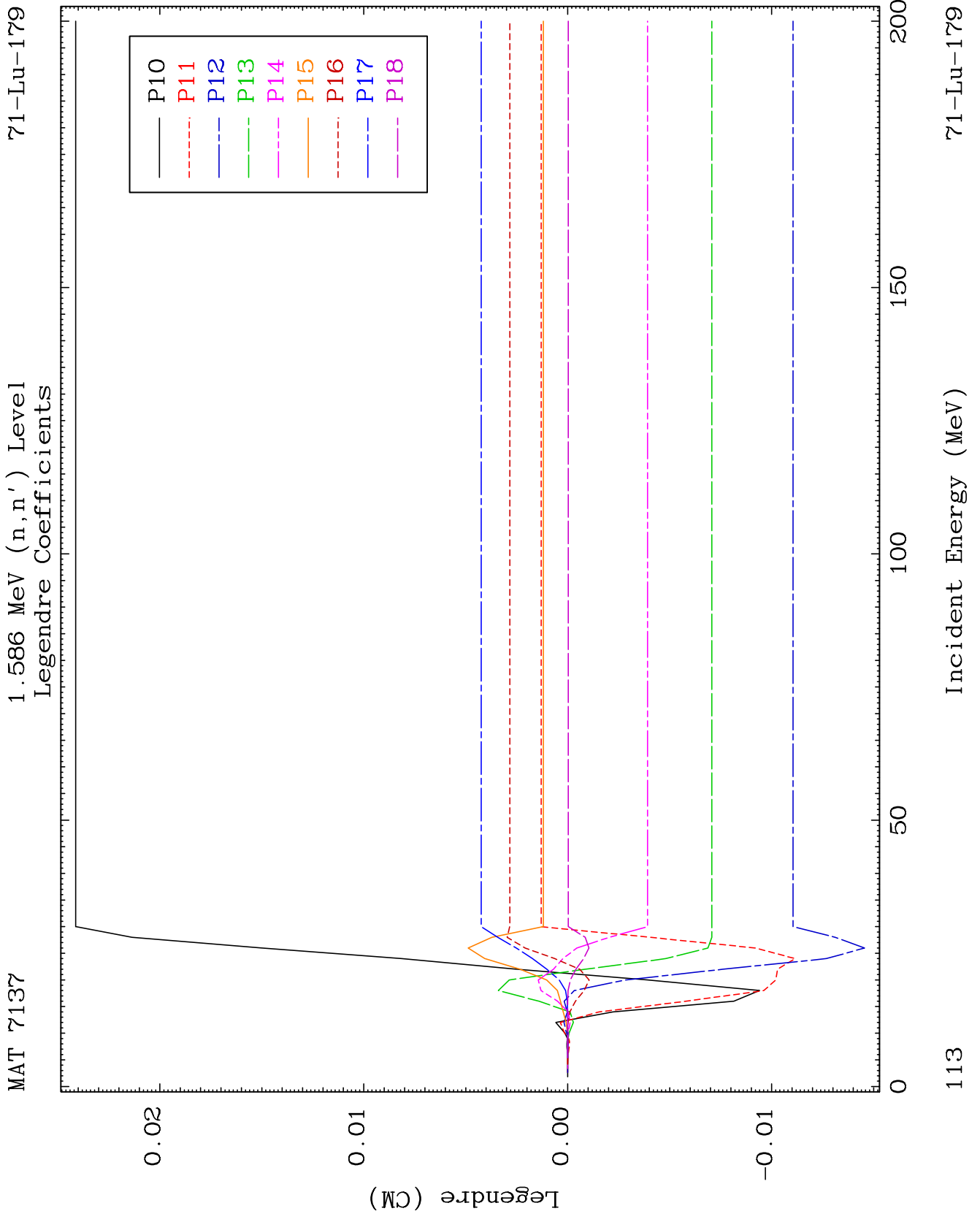
110

Incident Energy (MeV)

71-Lu-179



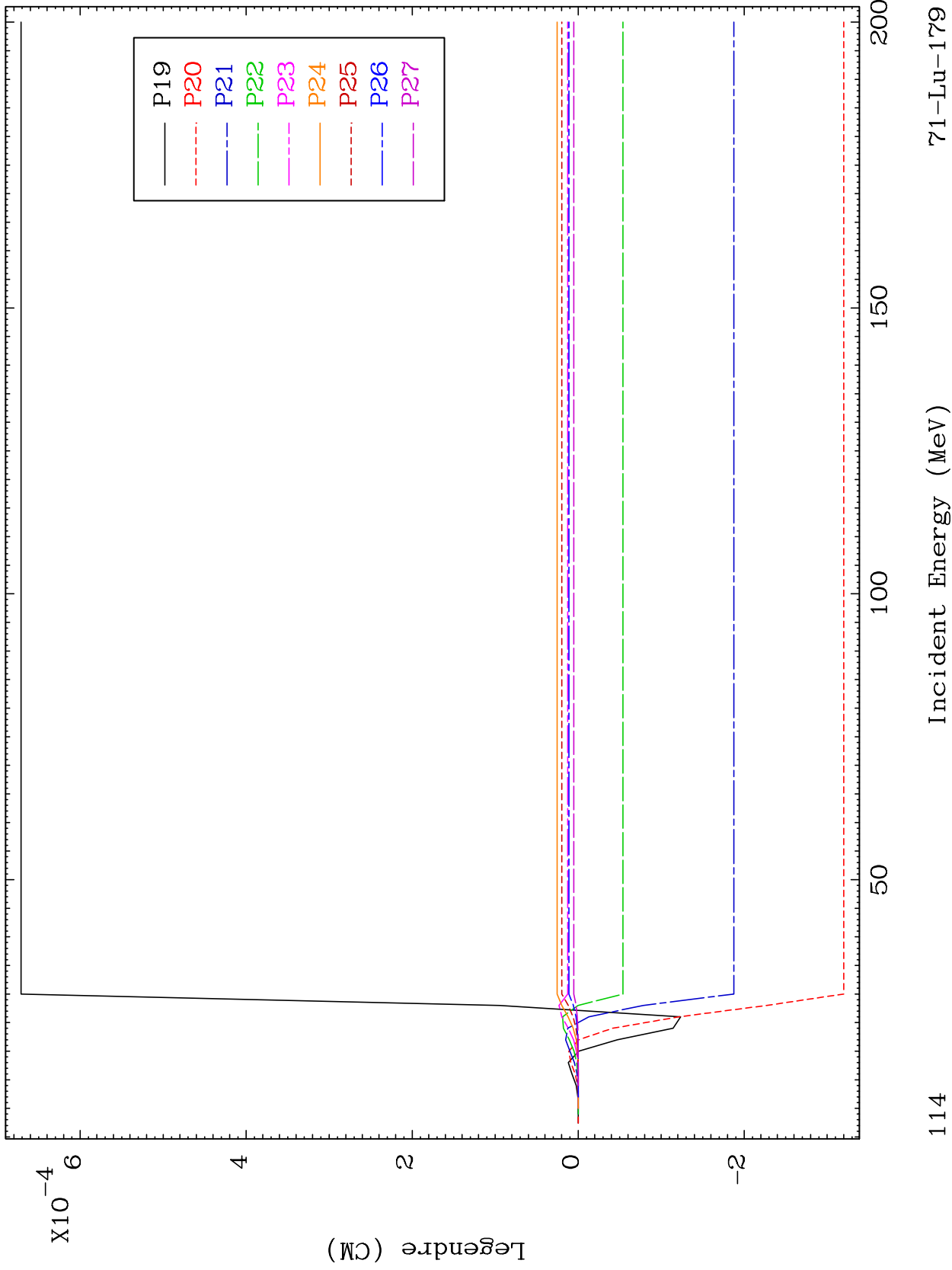




MAT 7137

1.586 MeV (n, n') Level
Legendre Coefficients

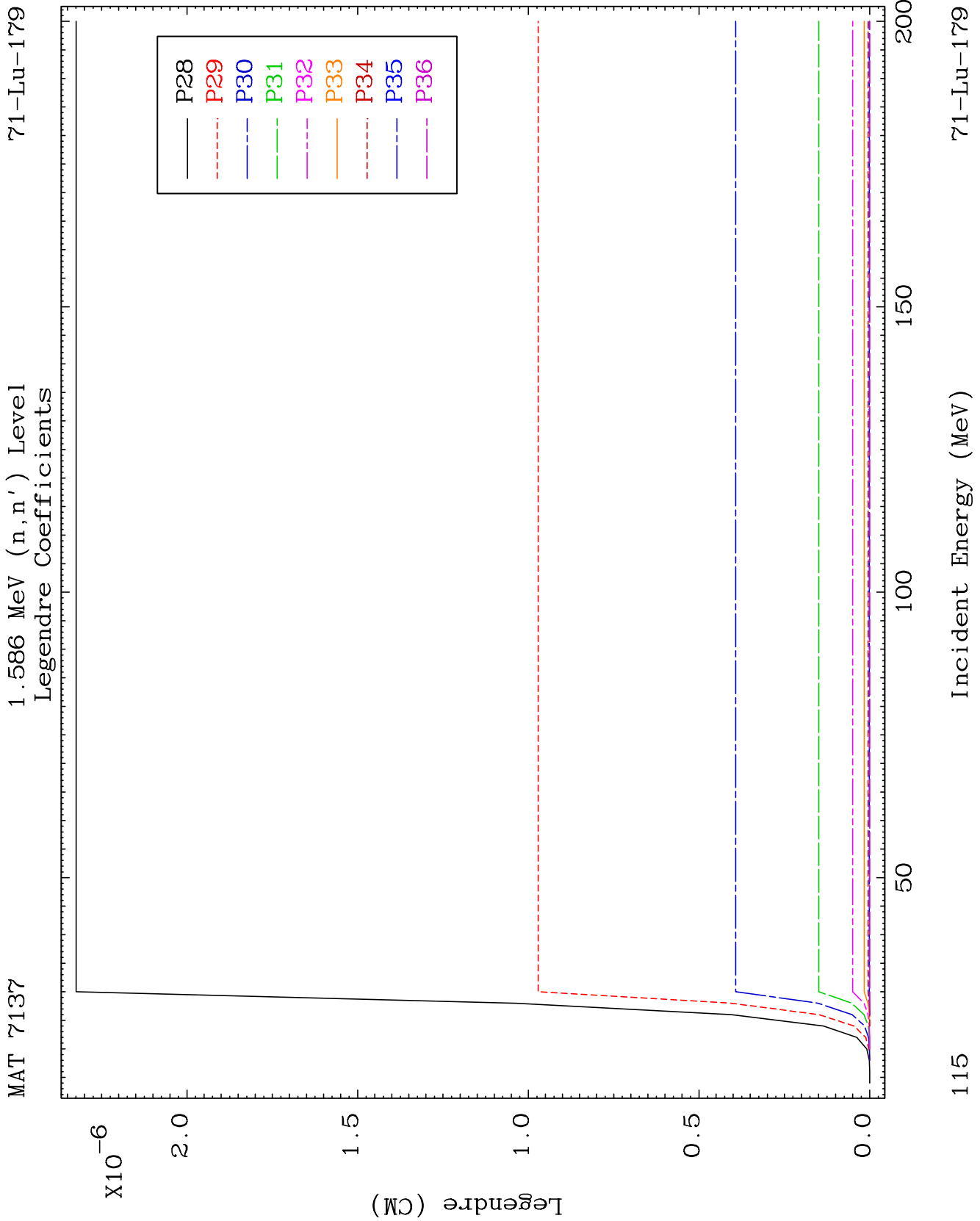
71-Lu-179



114

Incident Energy (MeV)

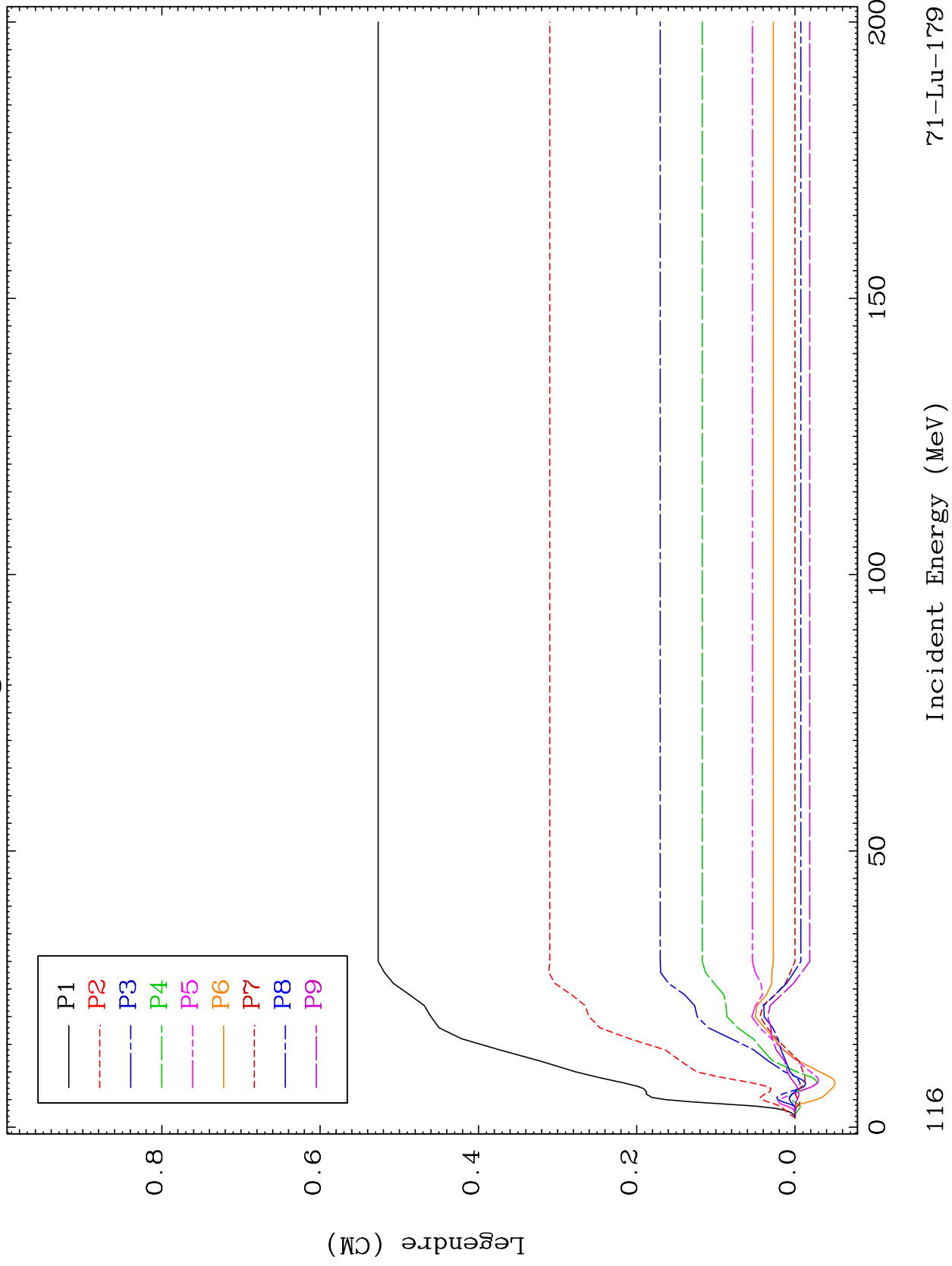
71-Lu-179



MAT 7137

1.599 MeV (n, n') Level
Legendre Coefficients

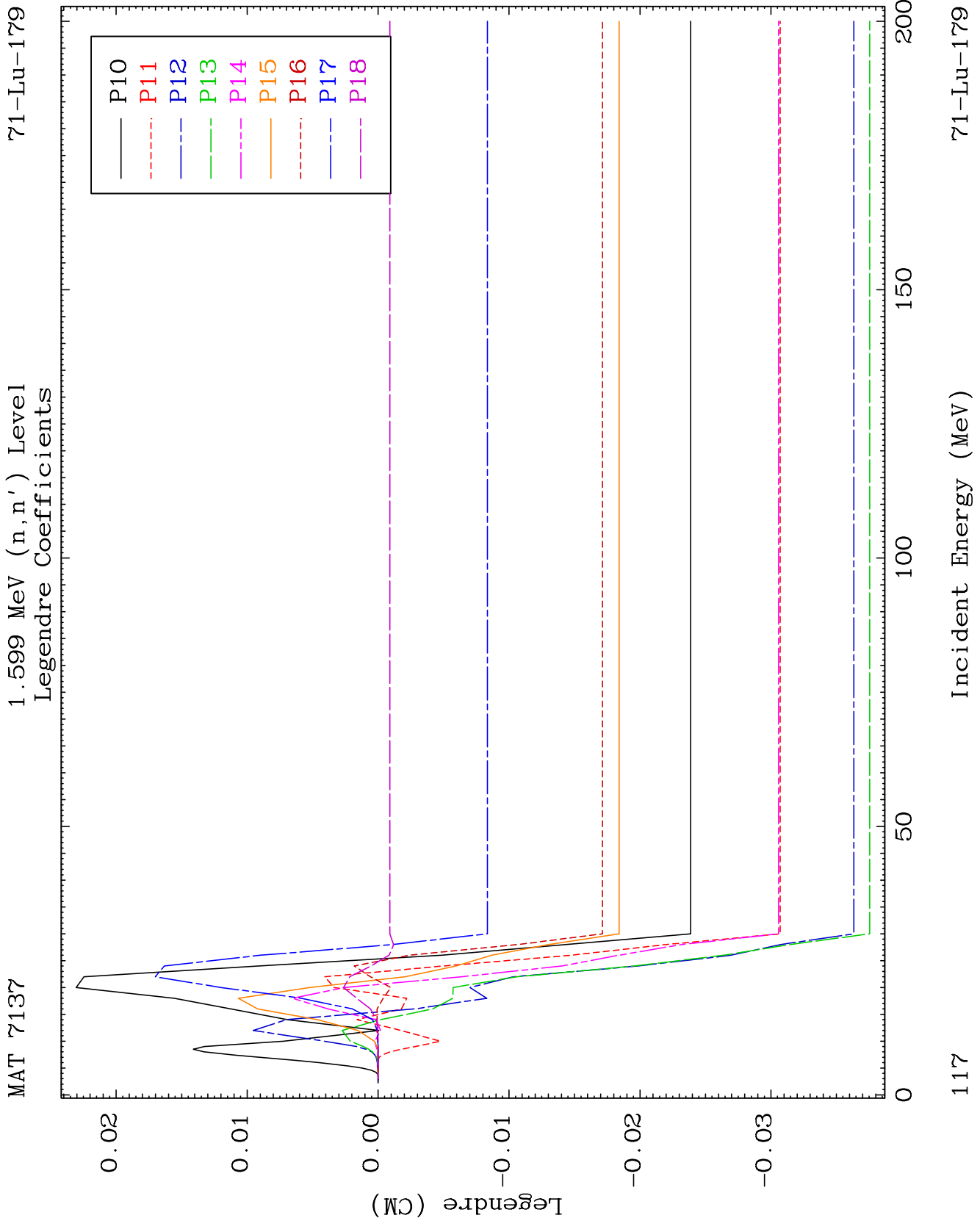
71-Lu-179

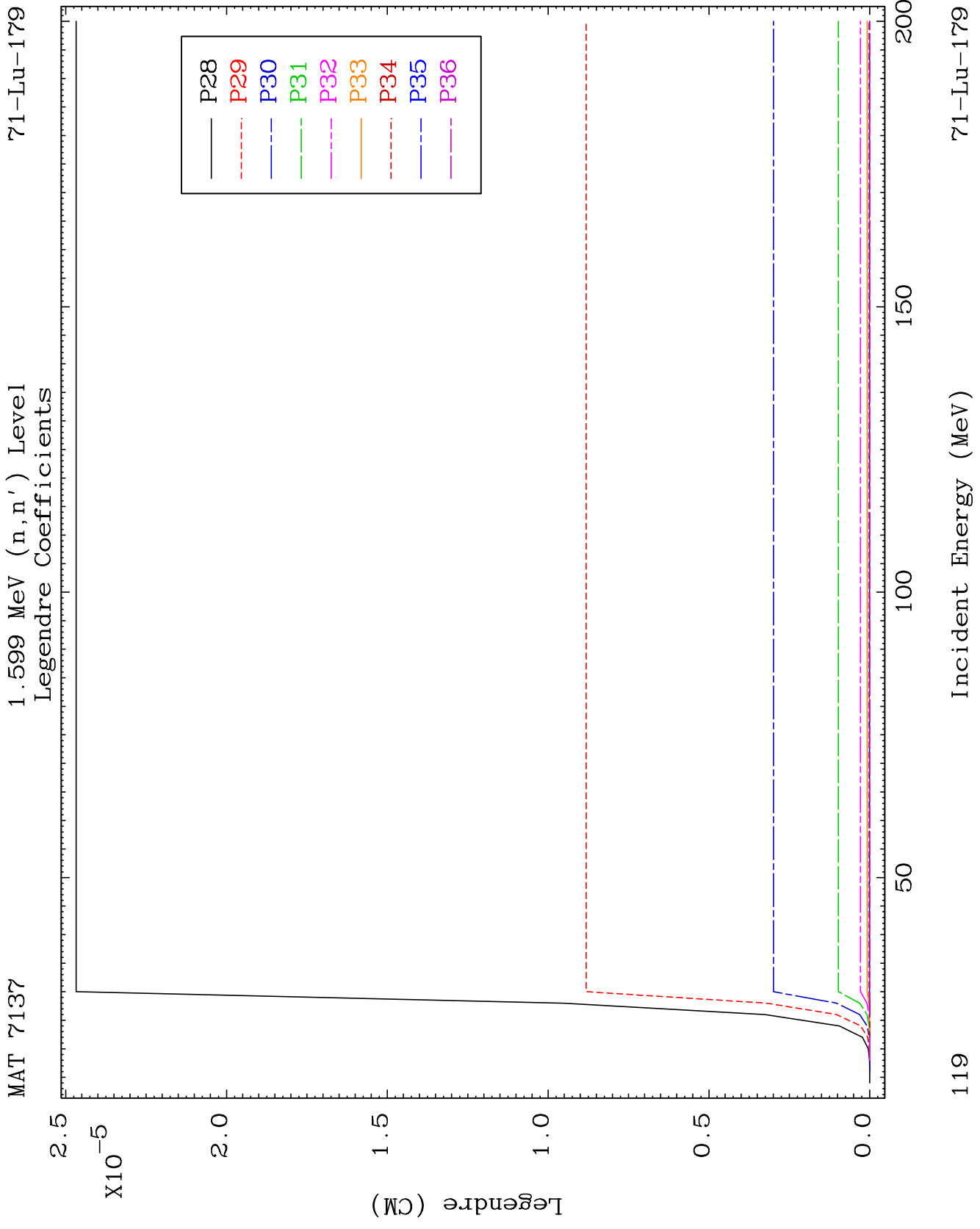


71-Lu-179

Incident Energy (MeV)

116

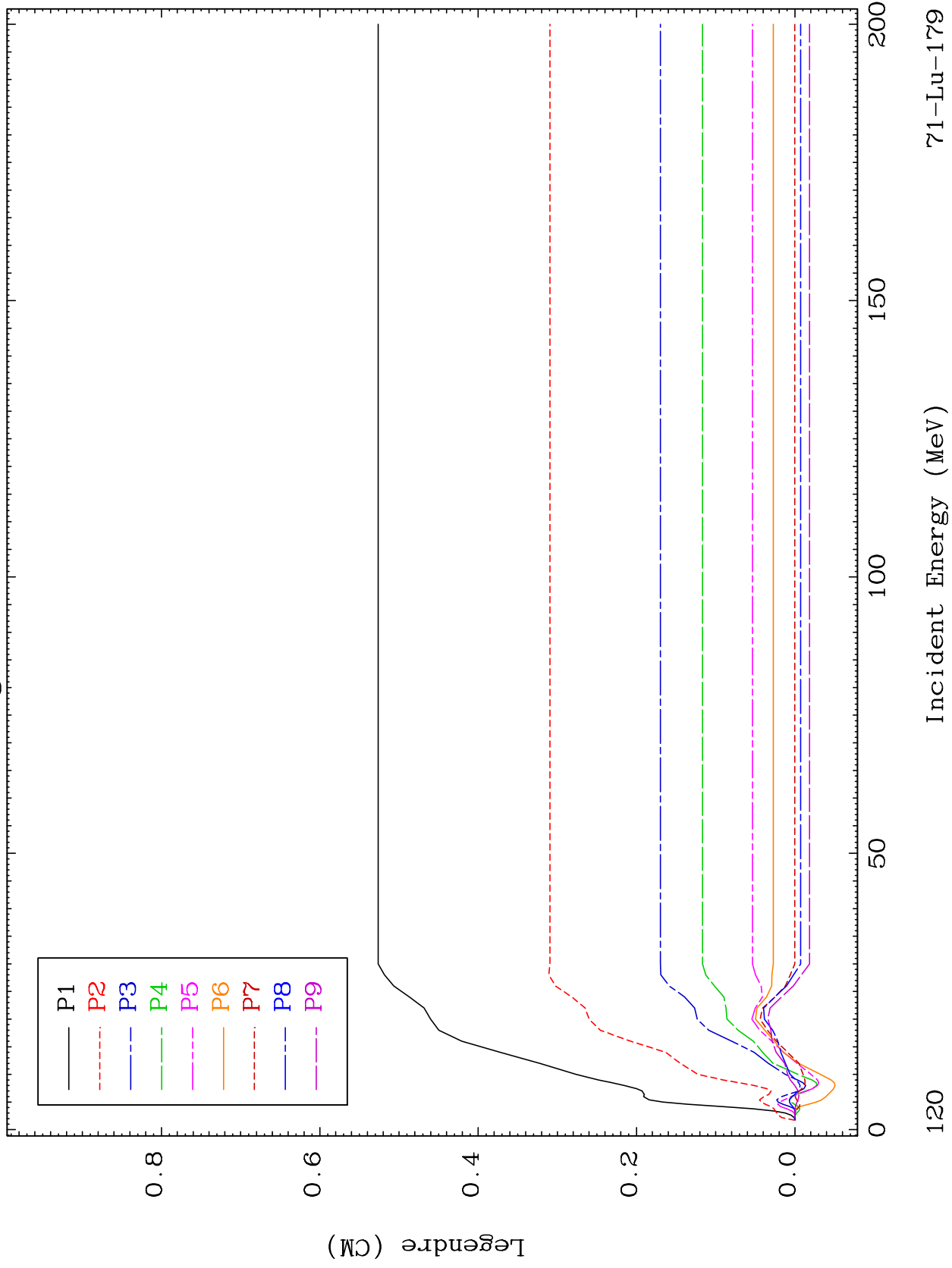




MAT 7137

1.679 MeV (n, n') Level
Legendre Coefficients

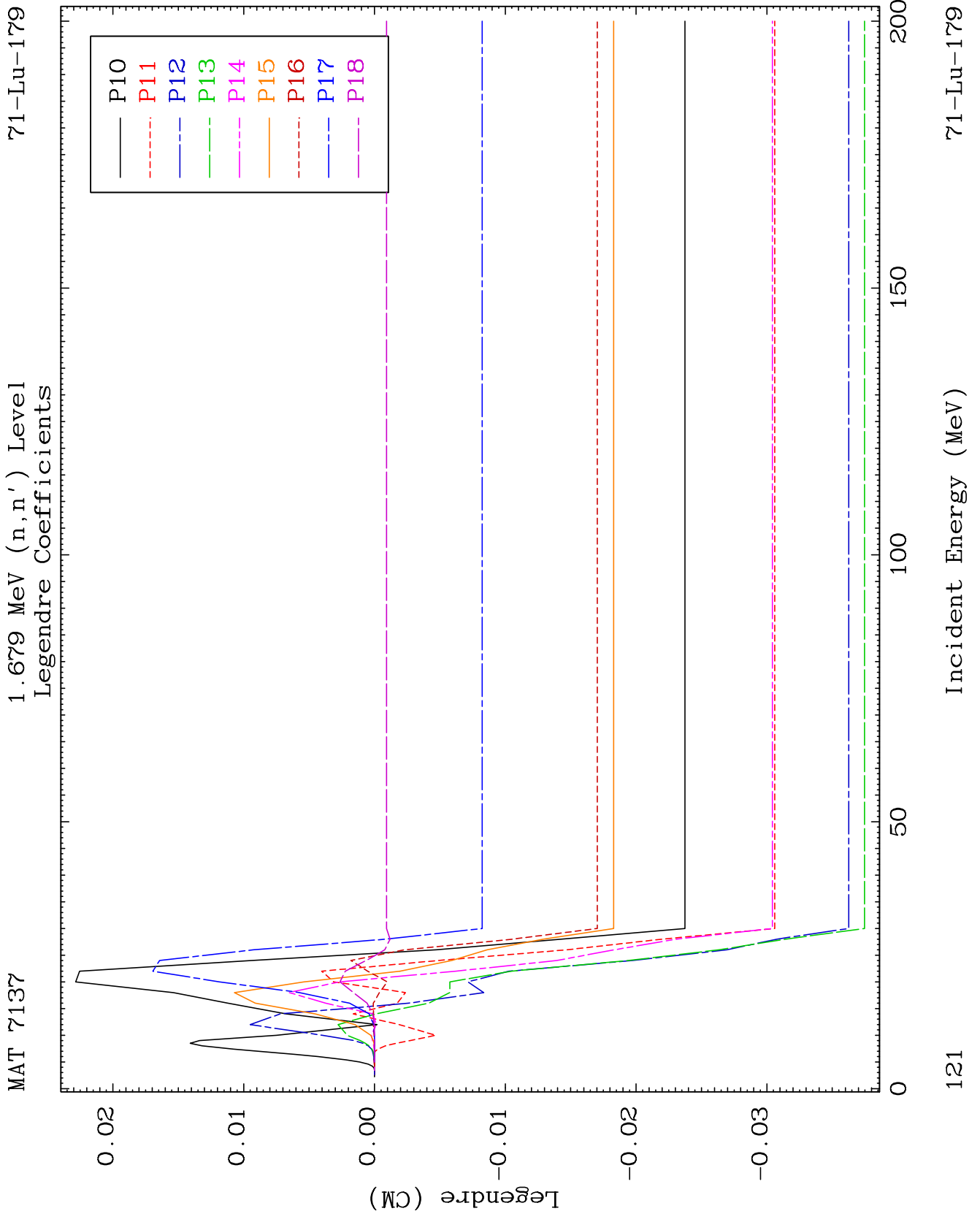
71-Lu-179

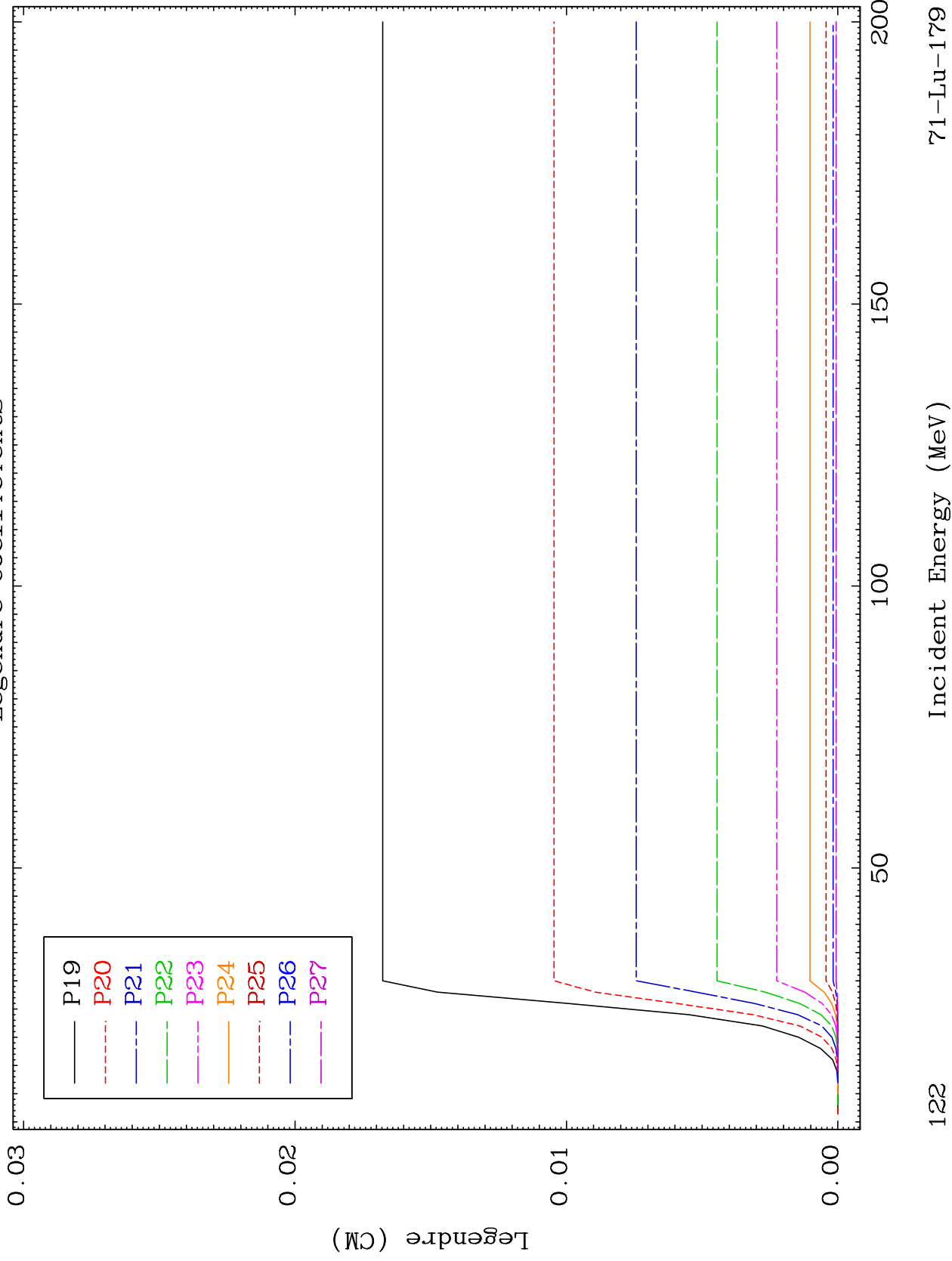


71-Lu-179

Incident Energy (MeV)

120

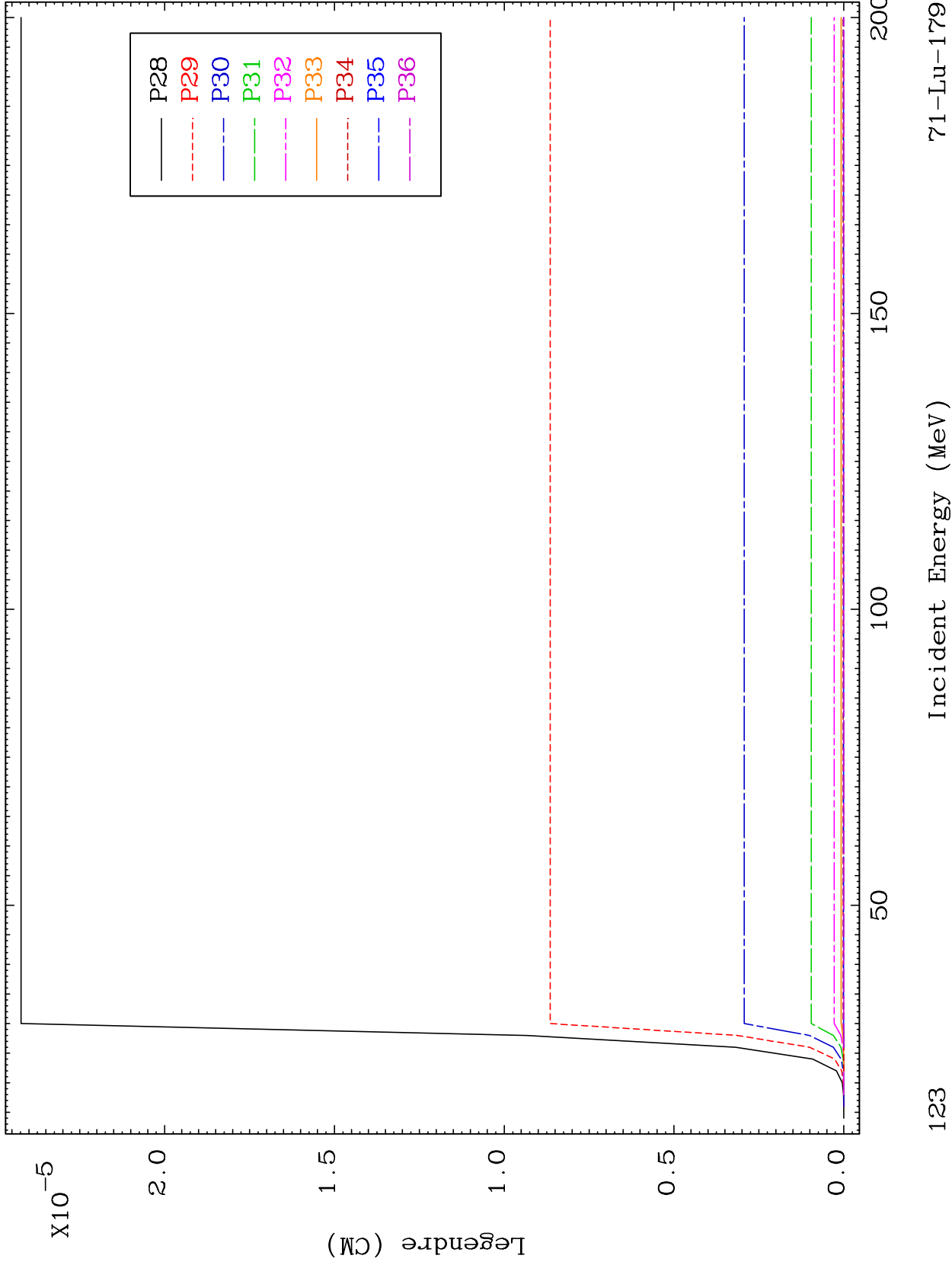




MAT 7137

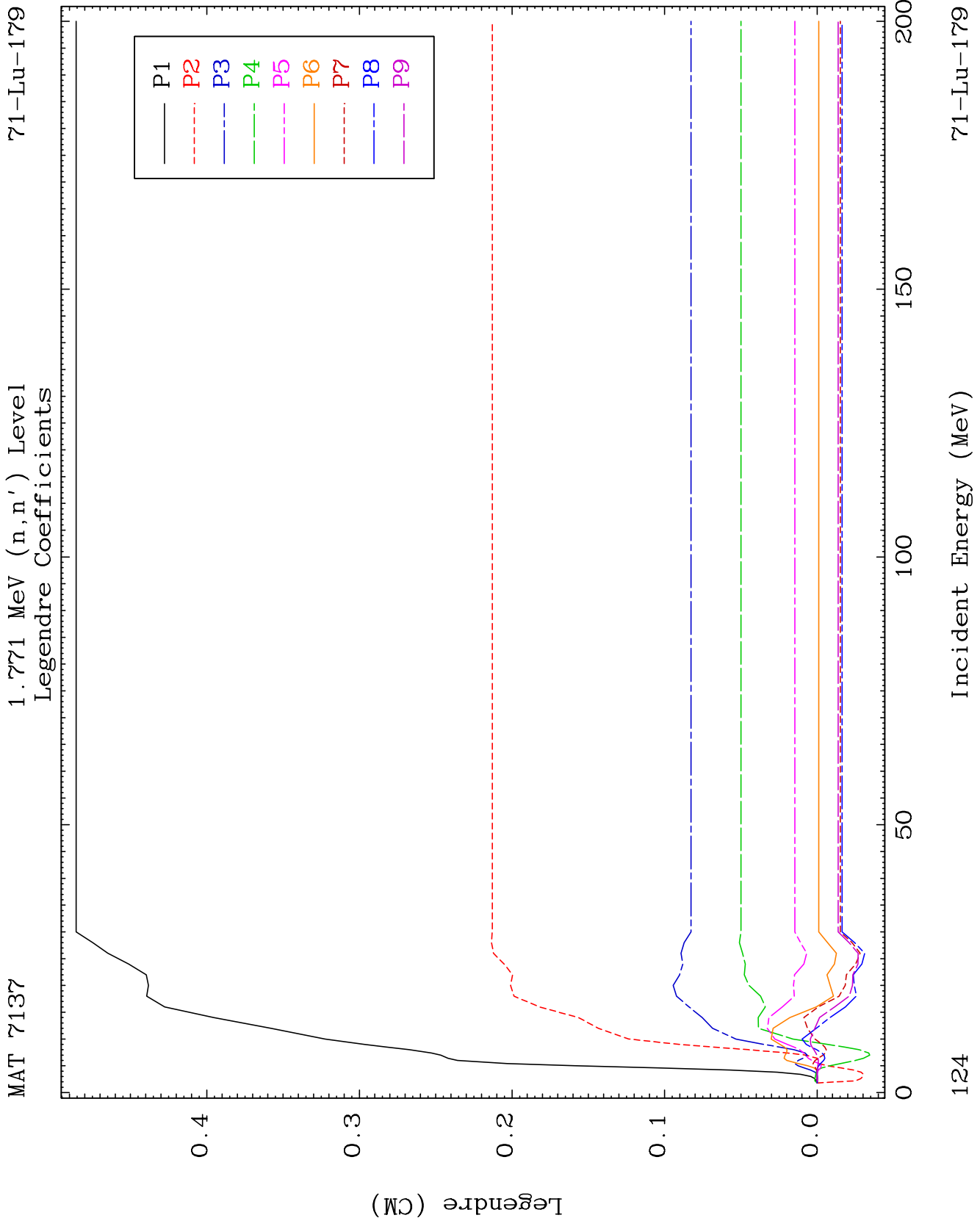
1.679 MeV (n, n') Level
Legendre Coefficients

71-Lu-179



123

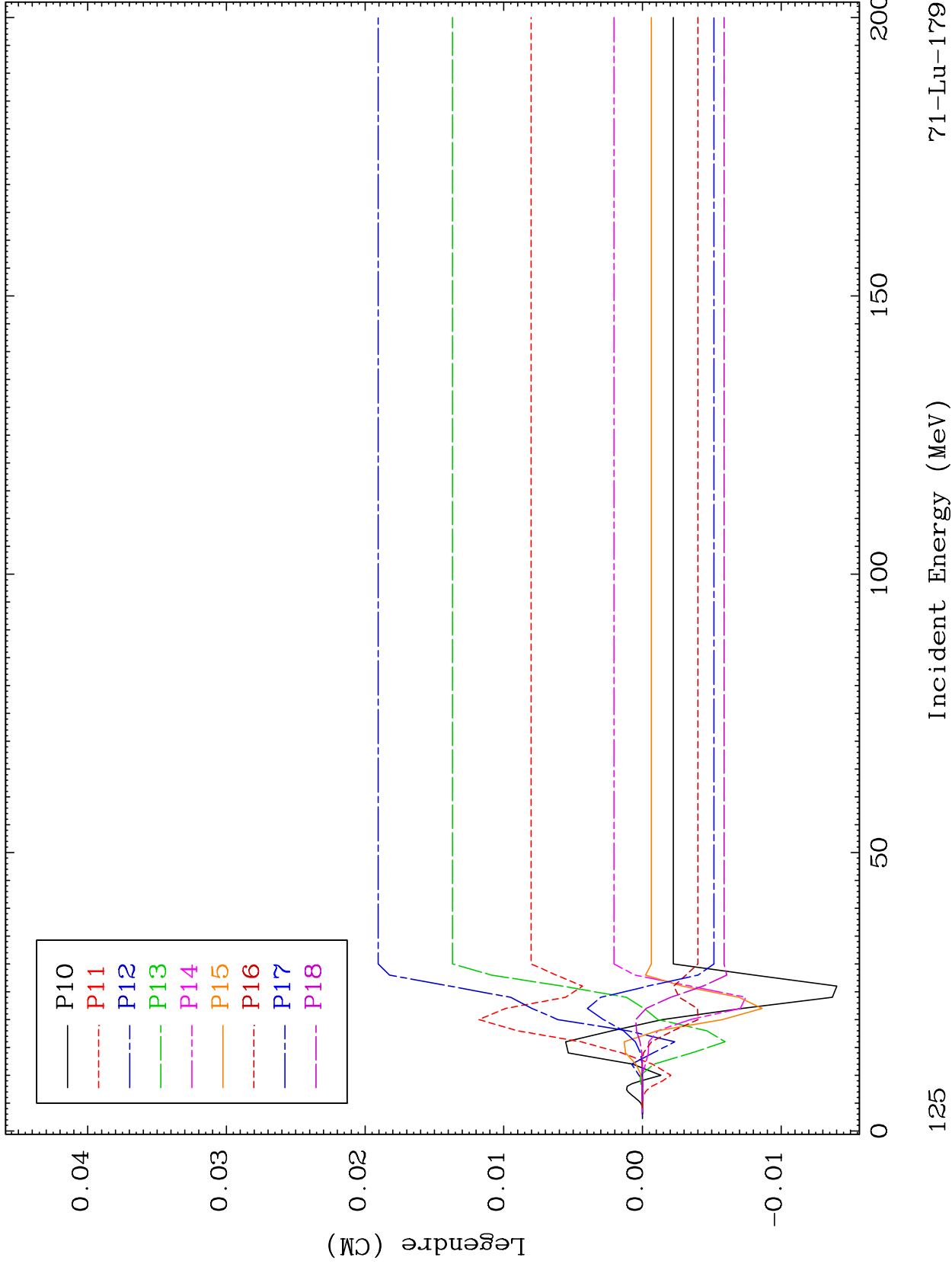
71-Lu-179



MAT 7137

1.771 MeV (n,n') Level
Legendre Coefficients

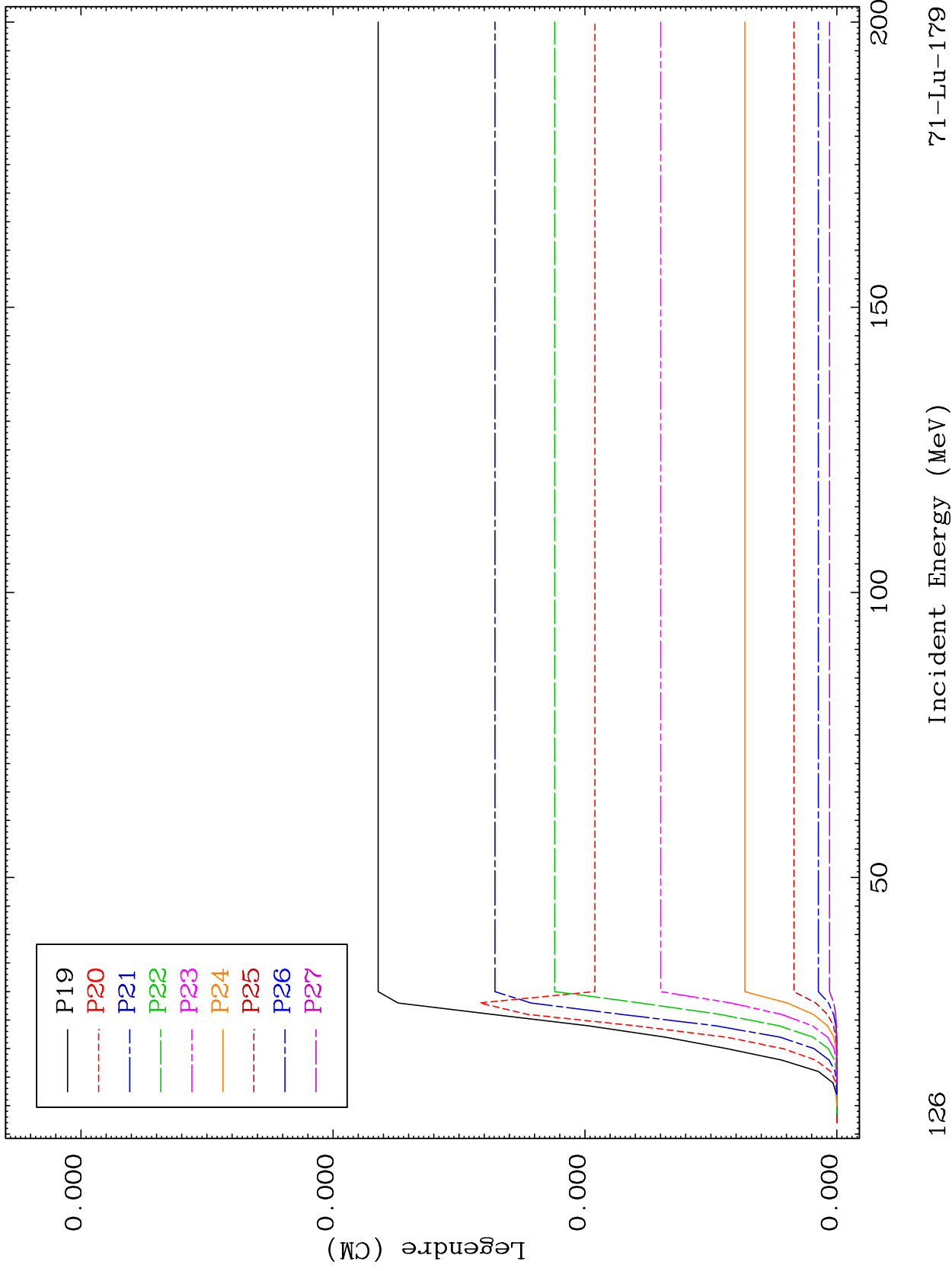
71-Lu-179

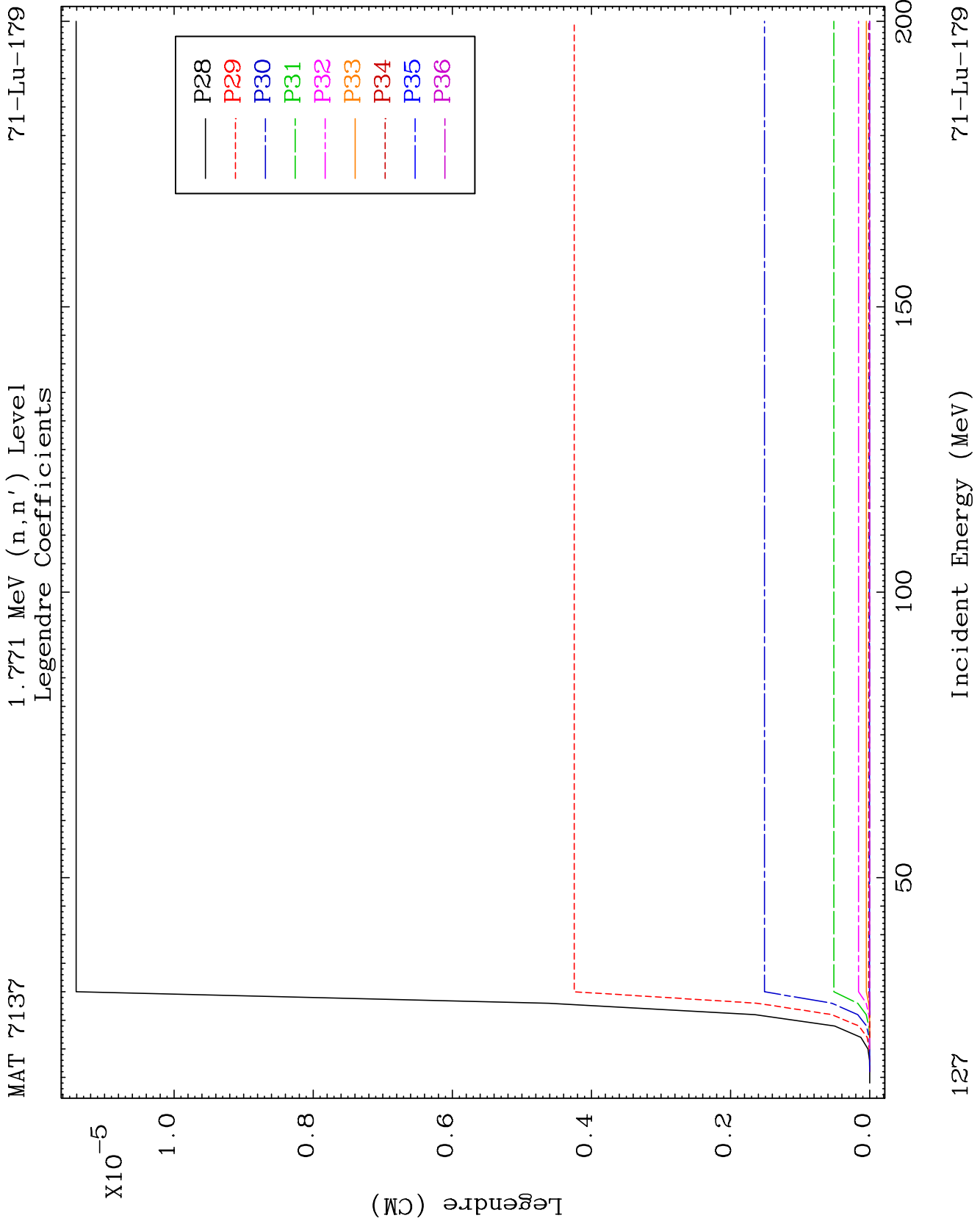


71-Lu-179

Incident Energy (MeV)

125

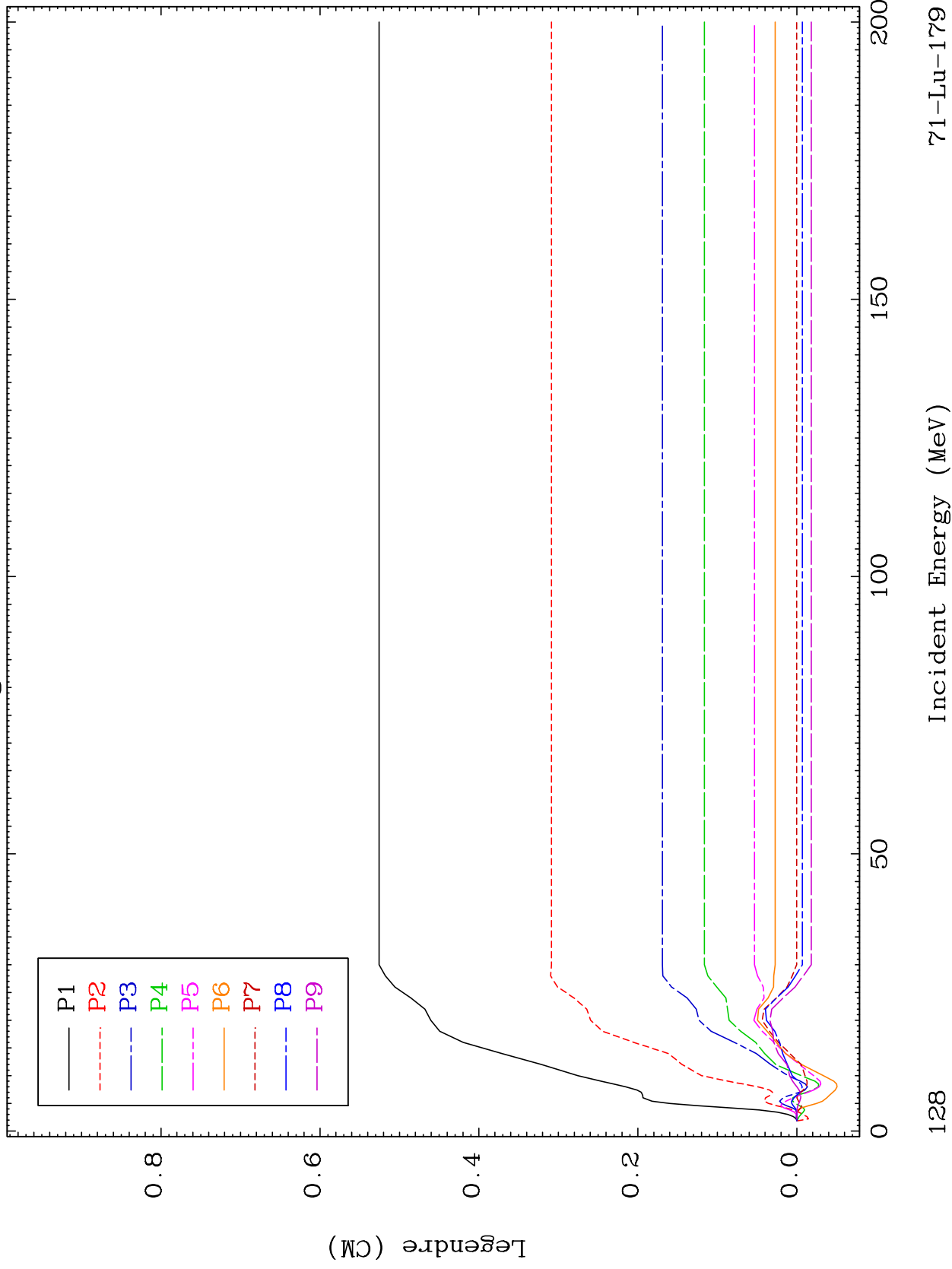




MAT 7137

1.820 MeV (n,n') Level
Legendre Coefficients

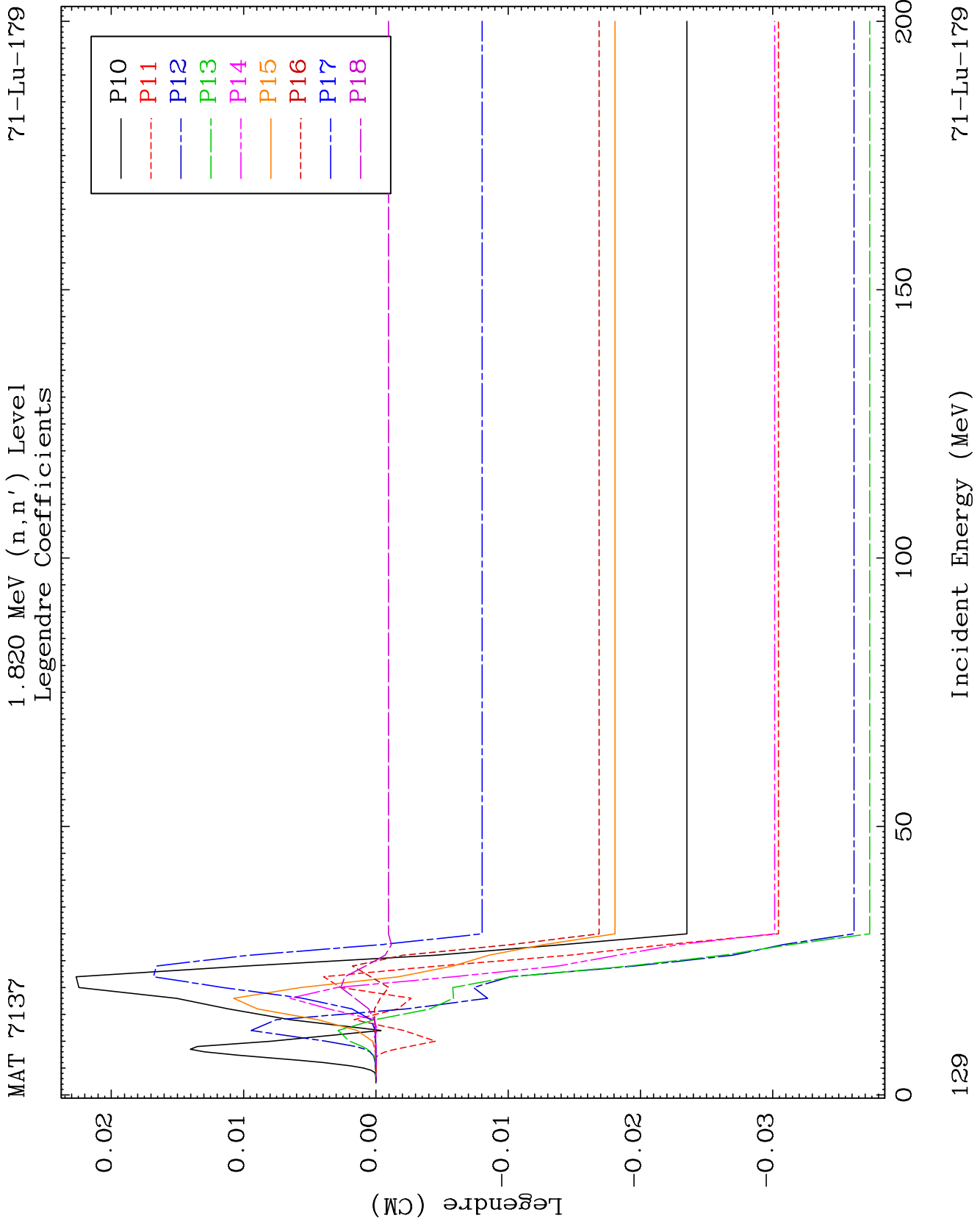
71-Lu-179

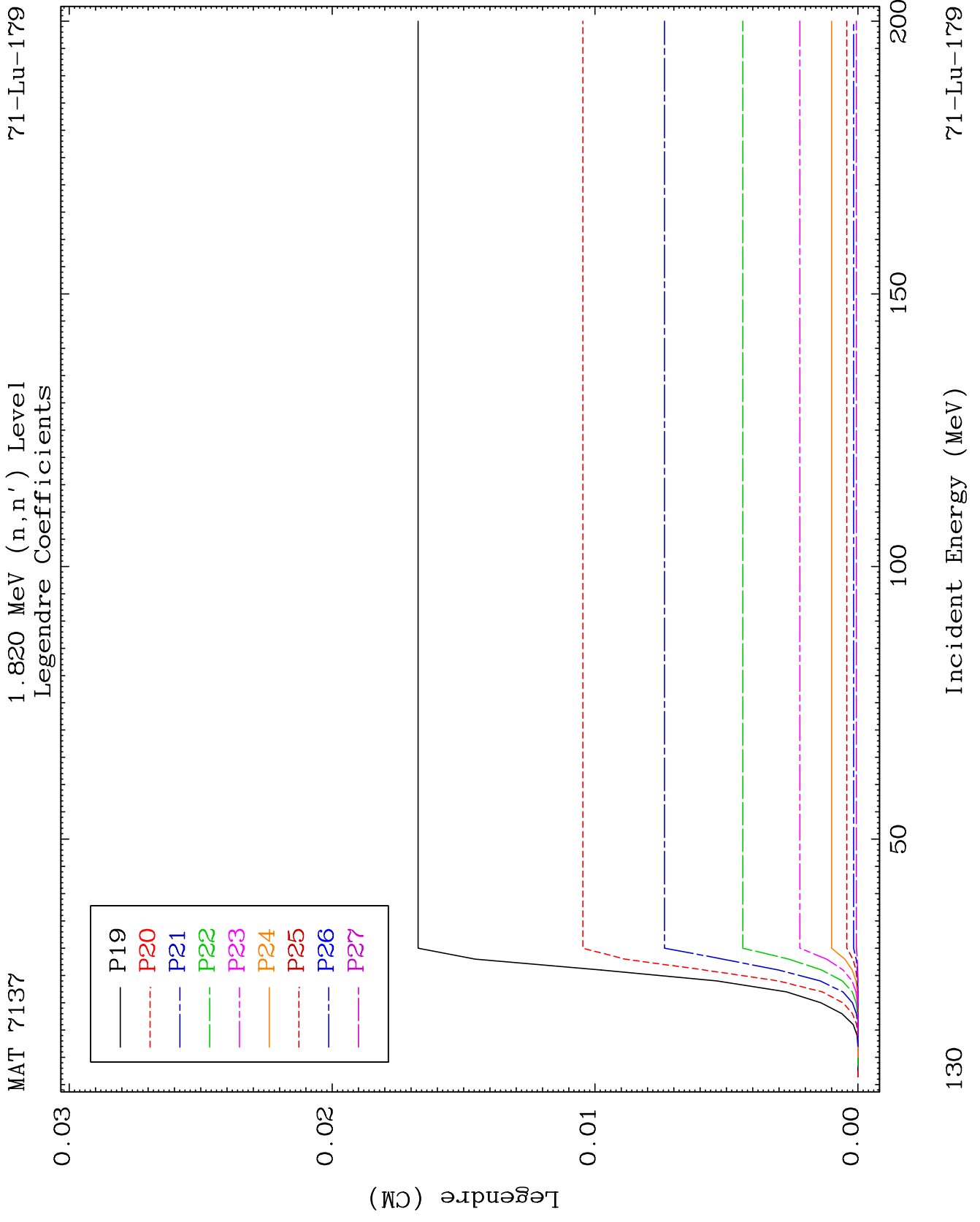


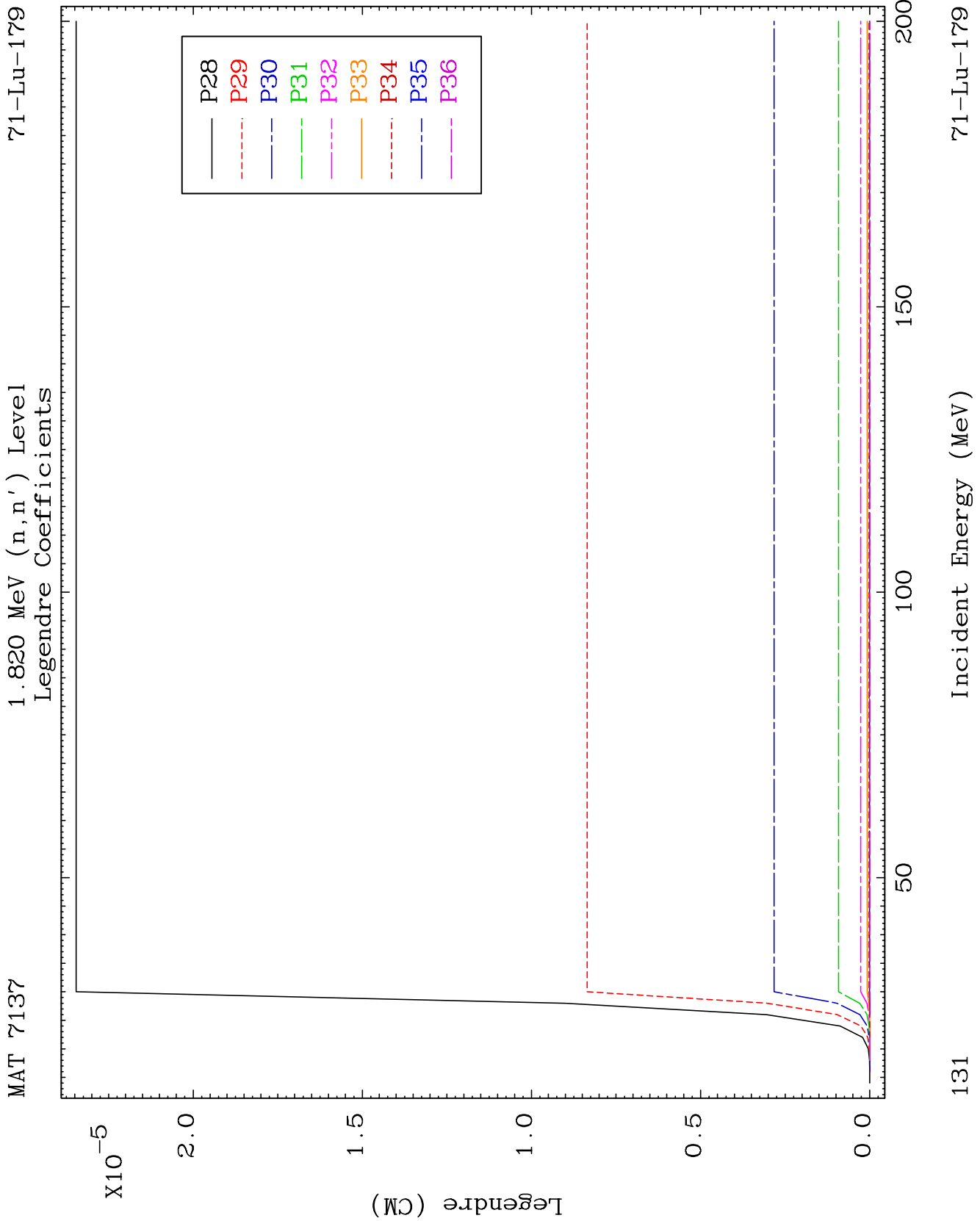
71-Lu-179

Incident Energy (MeV)

128



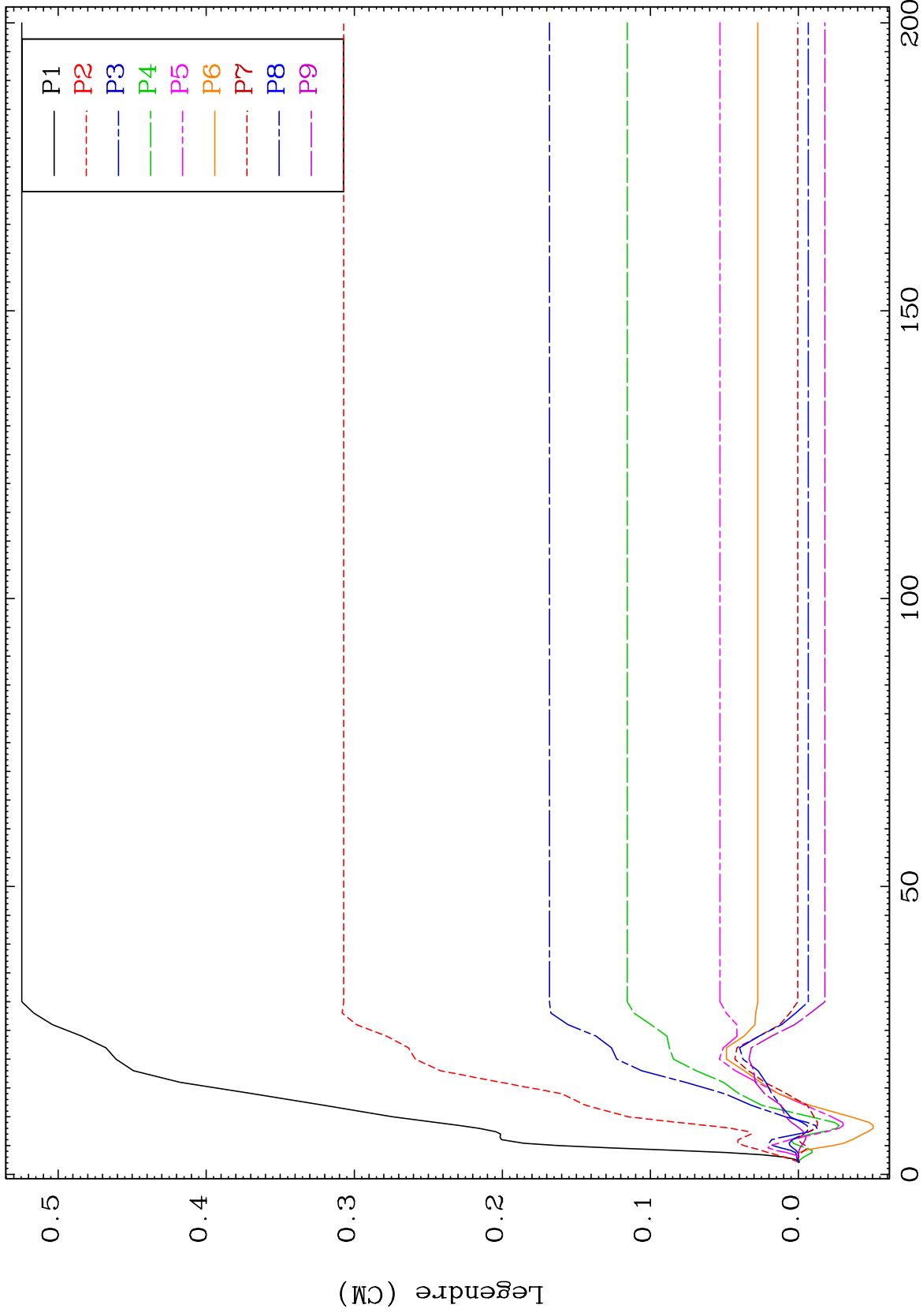




MAT 7137

2.048 MeV (n, n') Level
Legendre Coefficients

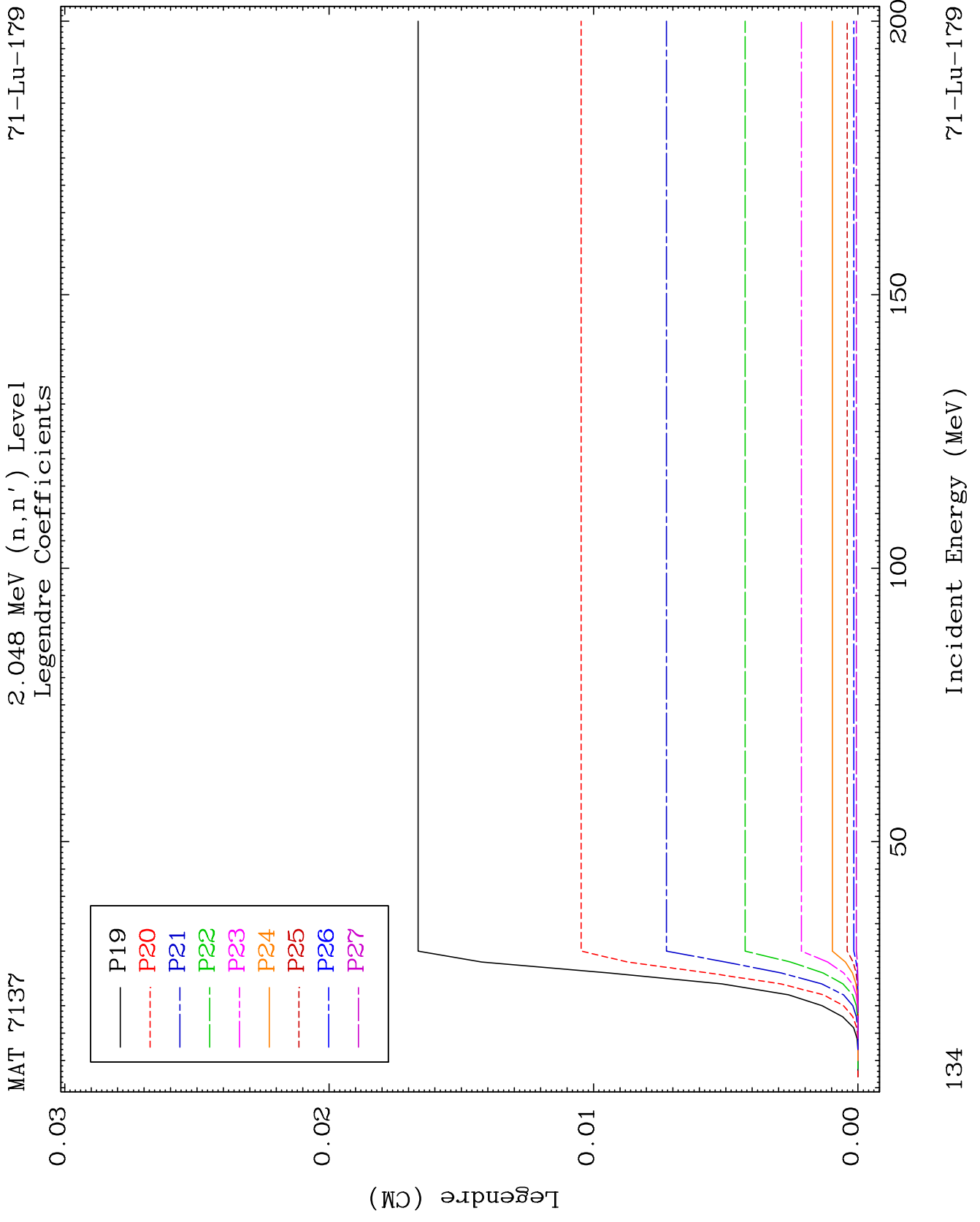
71-Lu-179

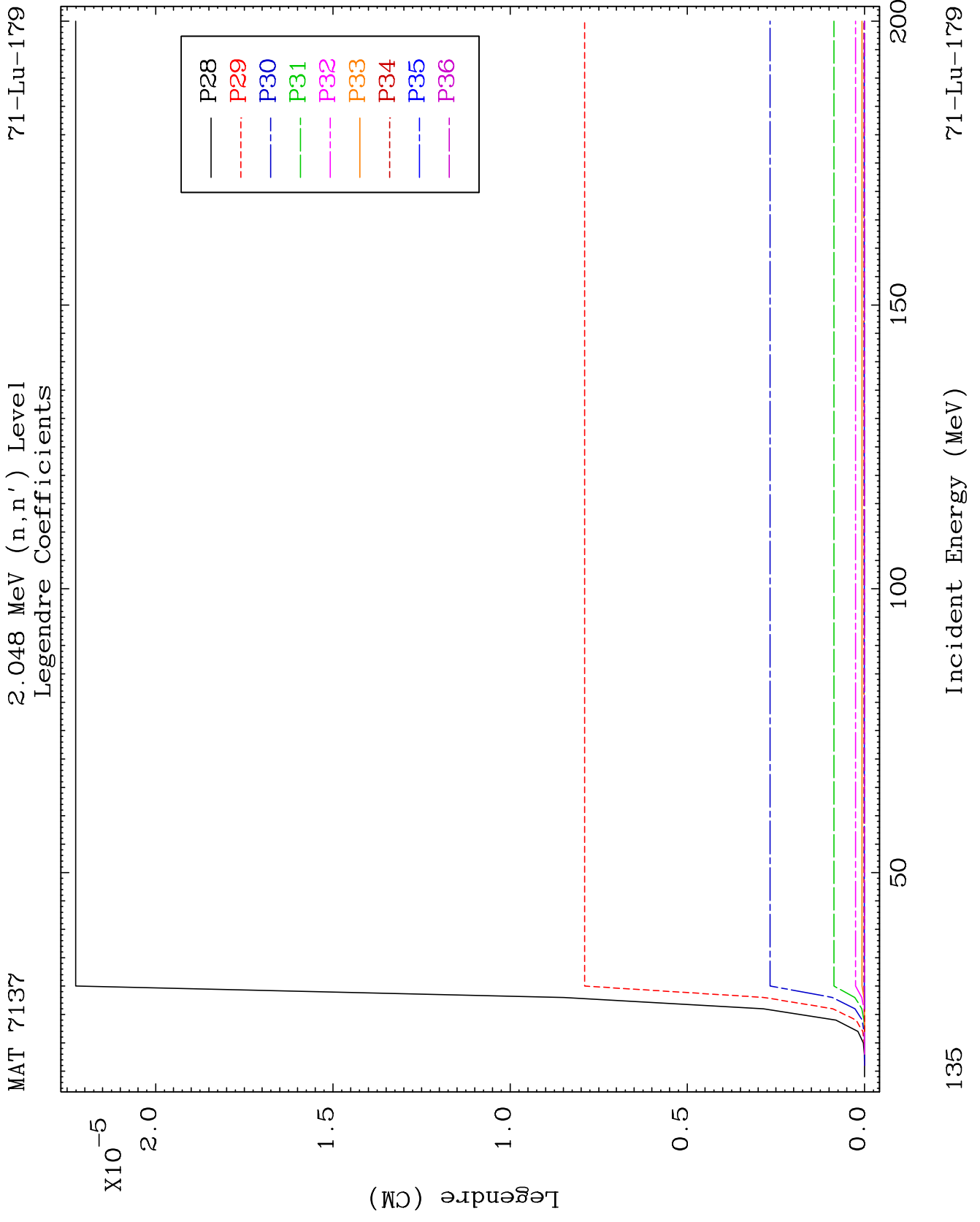


132

Incident Energy (MeV)

71-Lu-179



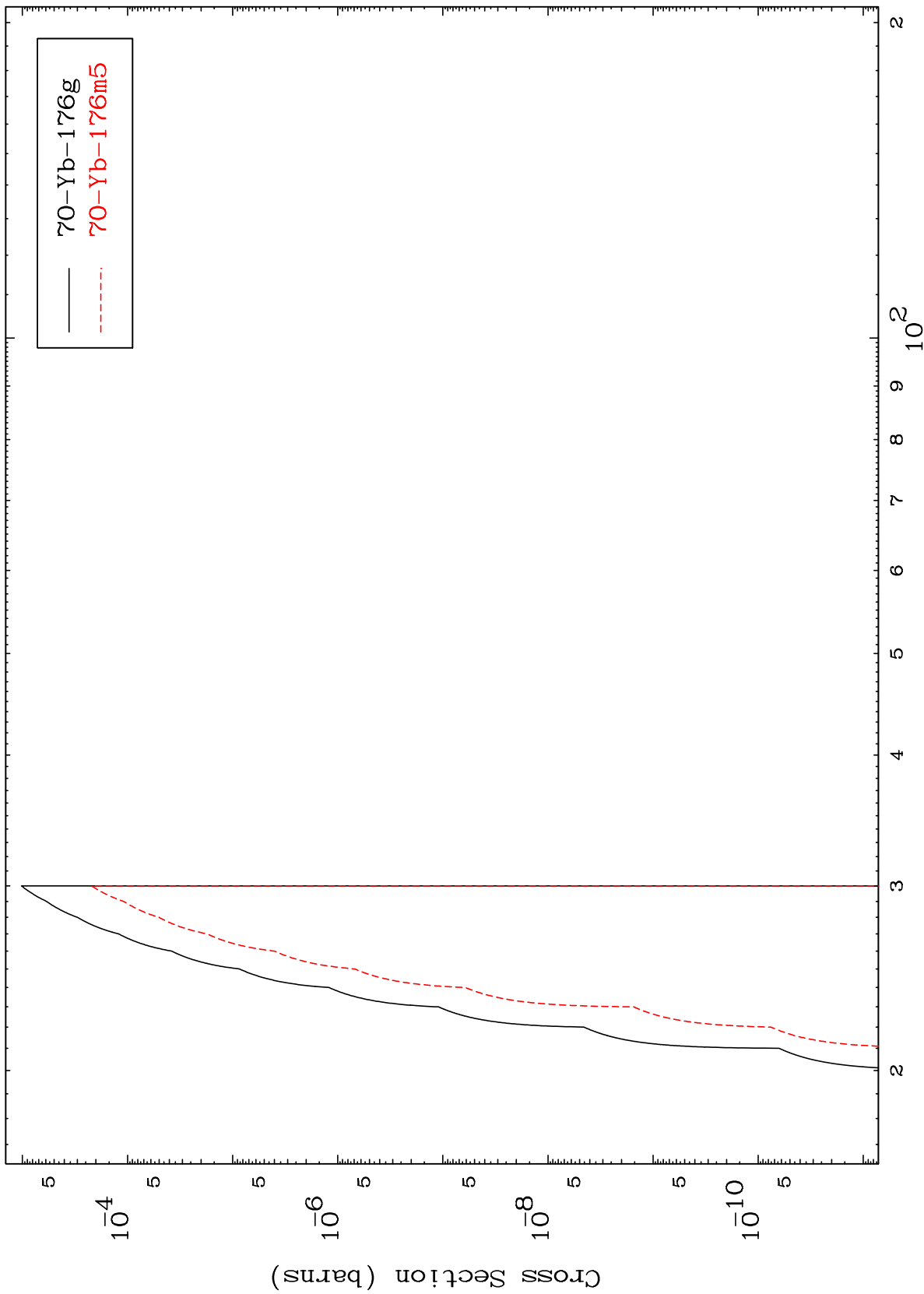


MAT 7137

(n,2n) d

71-Lu-179

Radionuclide Production Cross Section



136

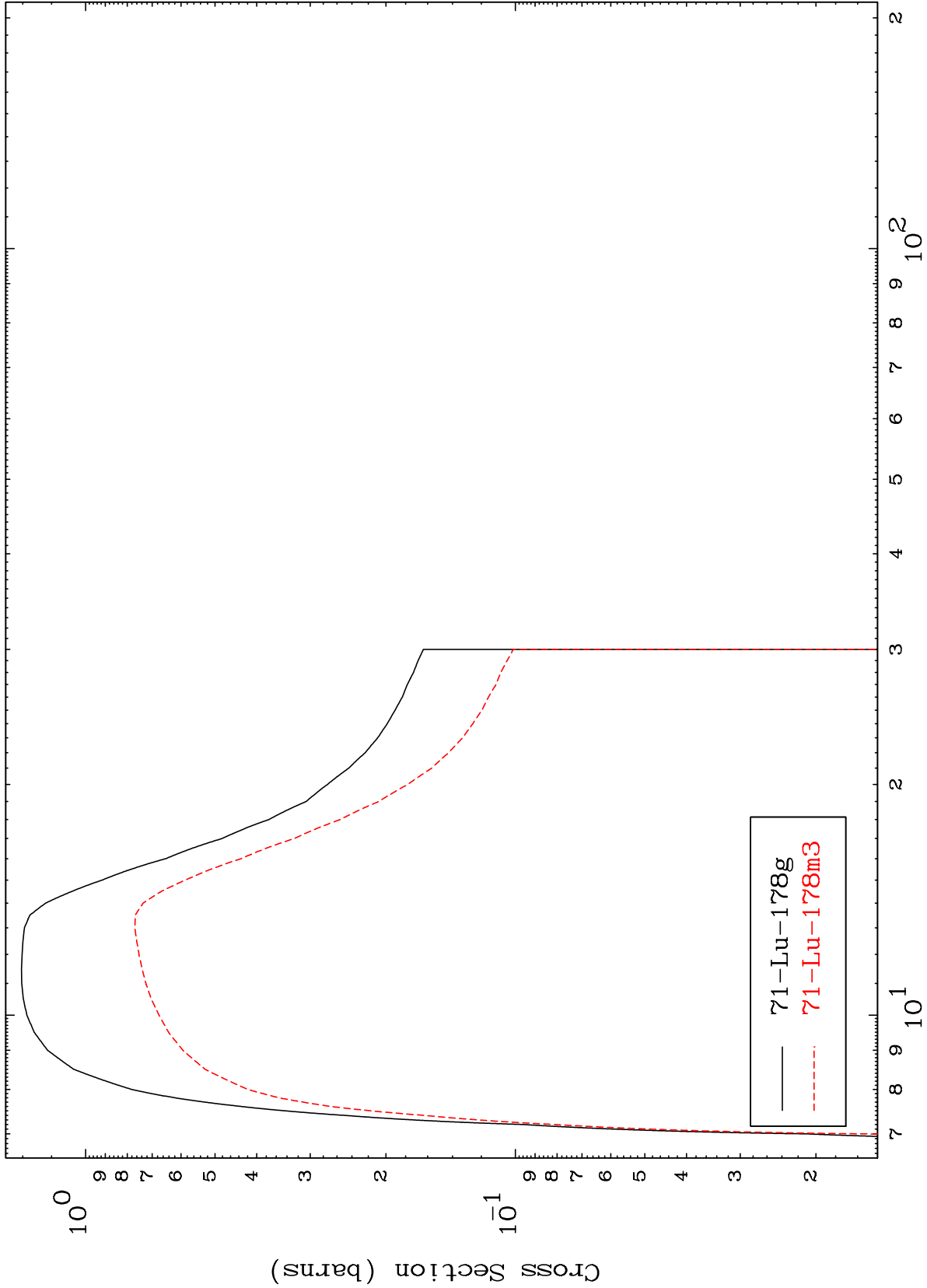
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

(n,2n)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

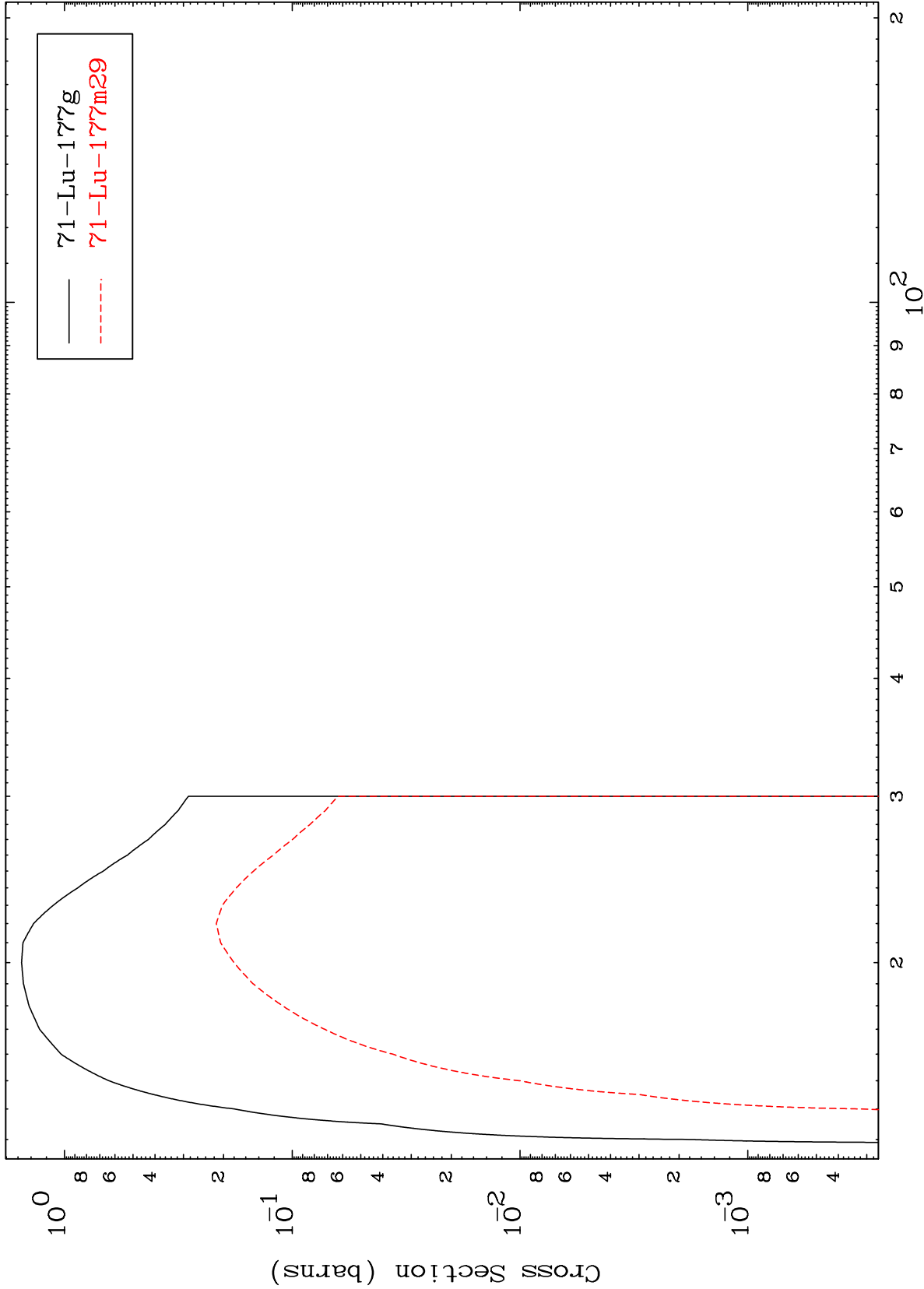
71-Lu-179

MAT 7137

(n,3n)

71-Lu-179

Radionuclide Production Cross Section



138

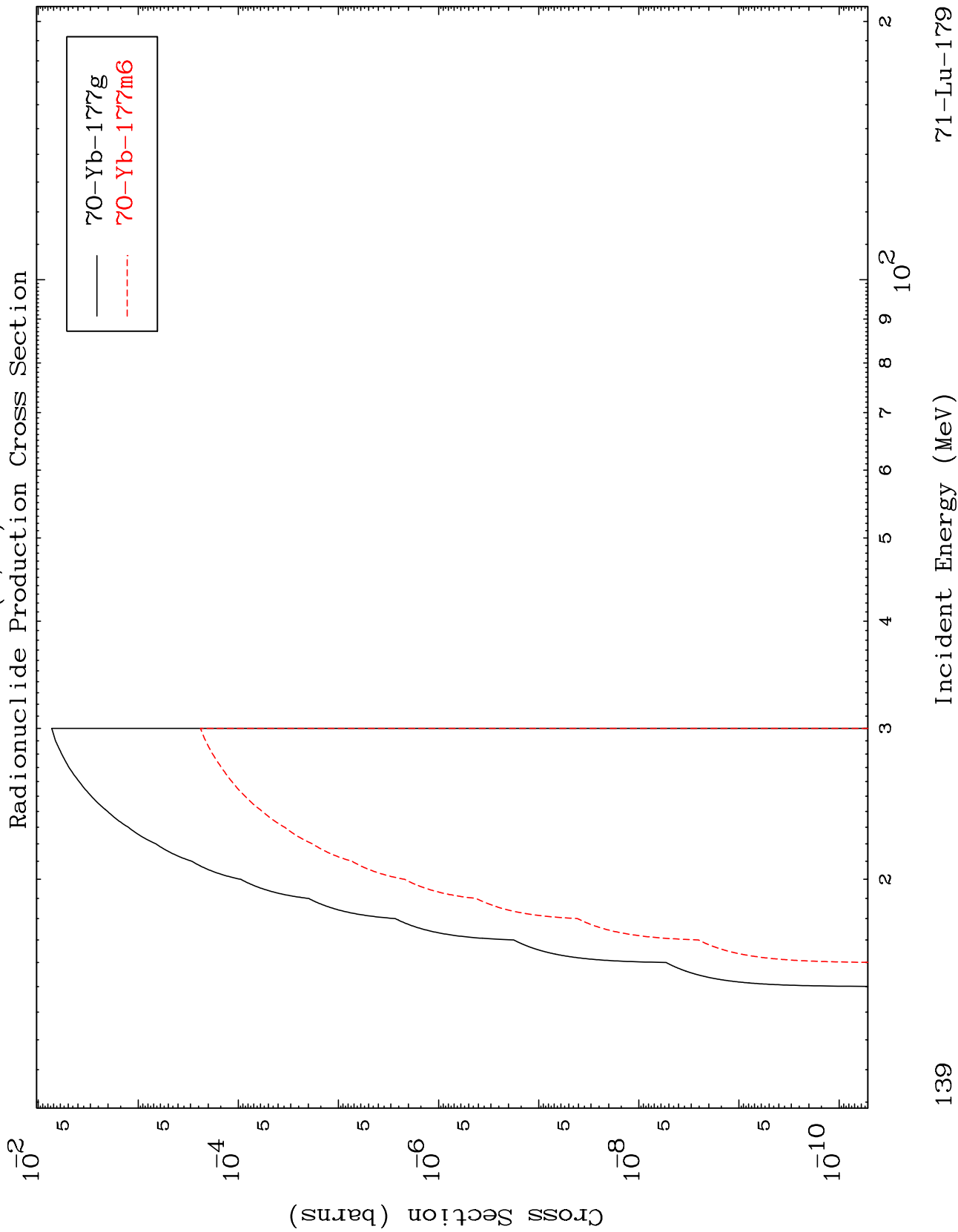
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,n') d

71-Lu-179



139

Incident Energy (MeV)

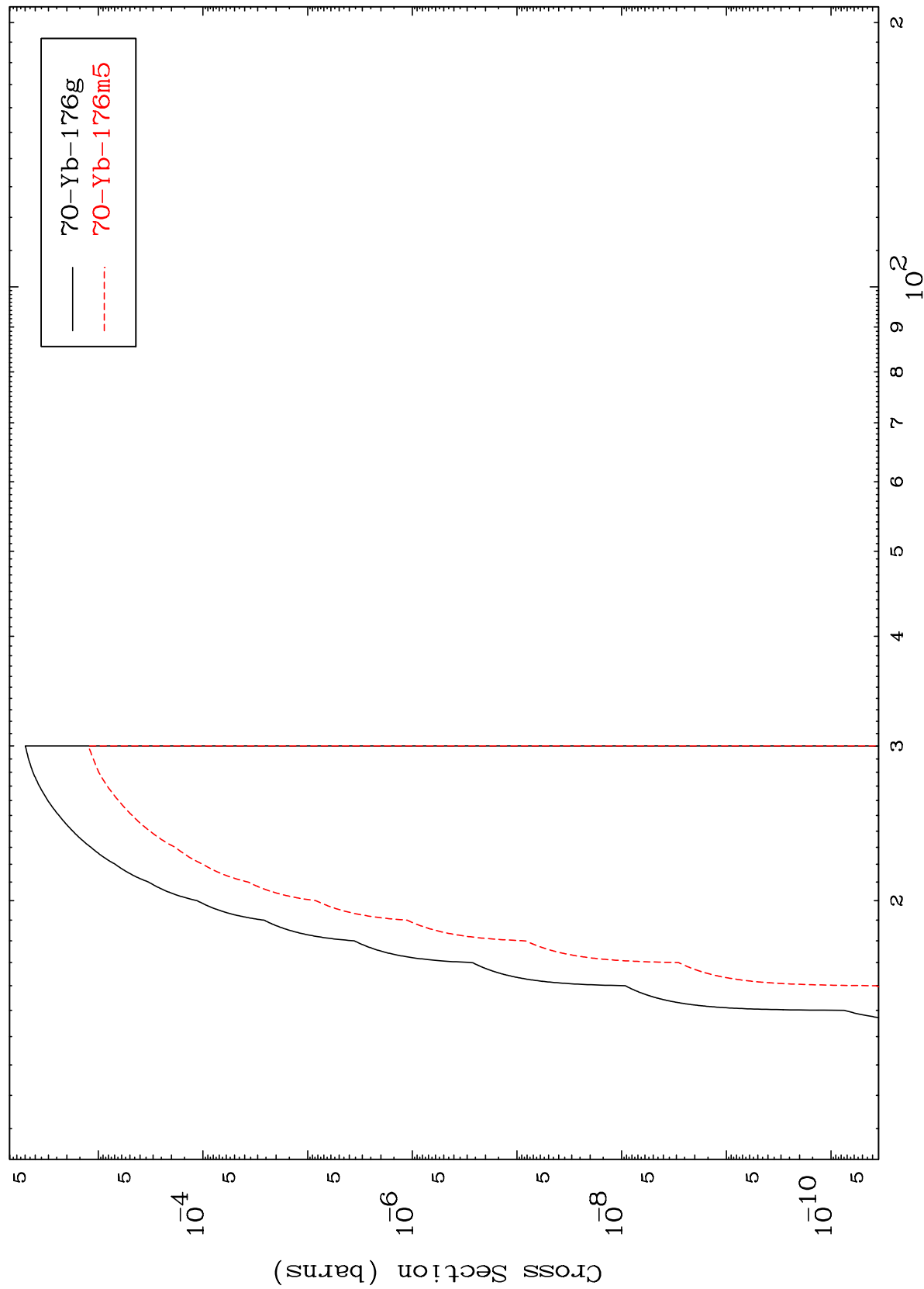
71-Lu-179

MAT 7137

(n,n') t

71-Lu-179

Radionuclide Production Cross Section



140

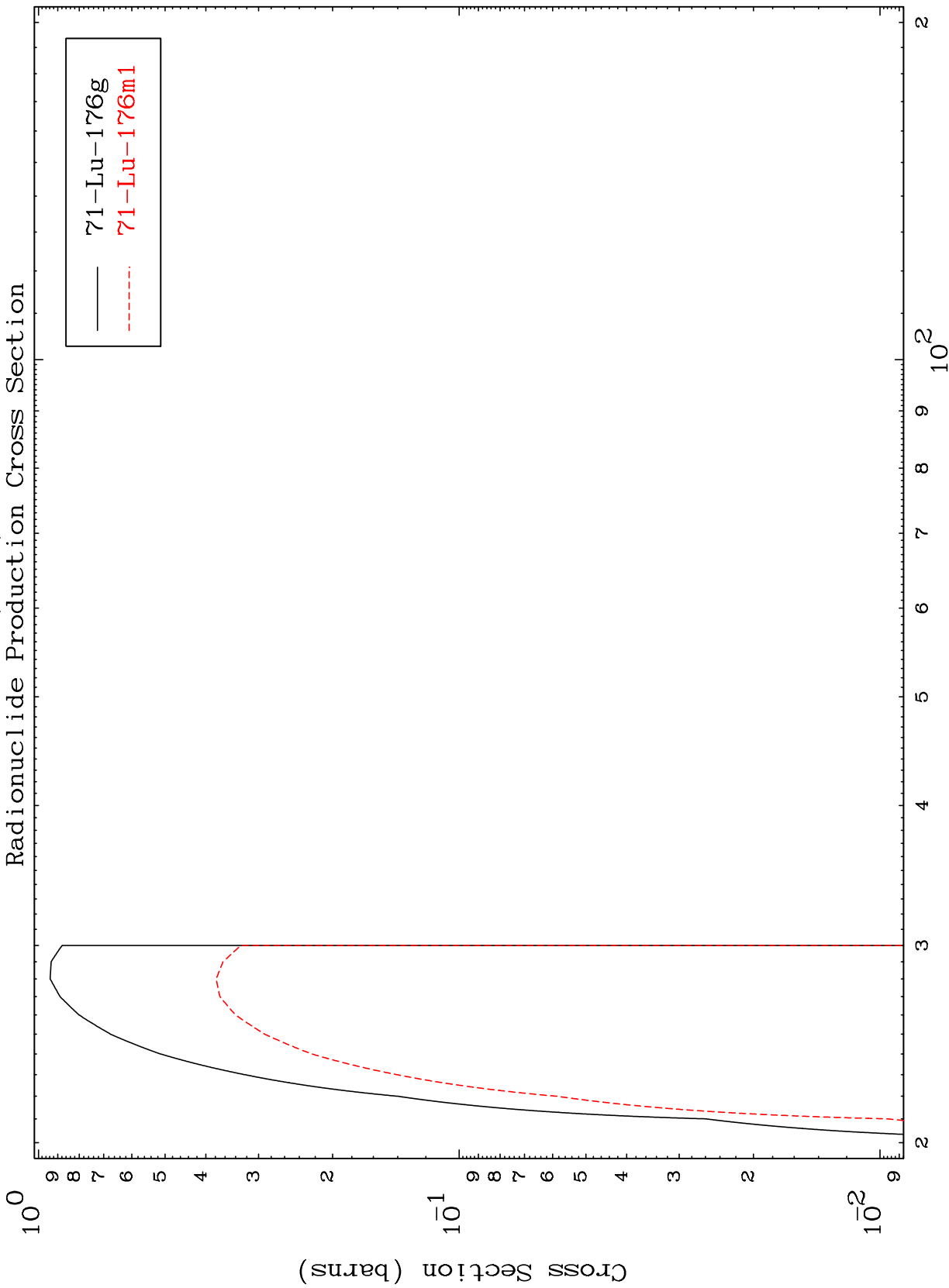
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

(n,4n)
Radionuclide Production Cross Section



141

Incident Energy (MeV)

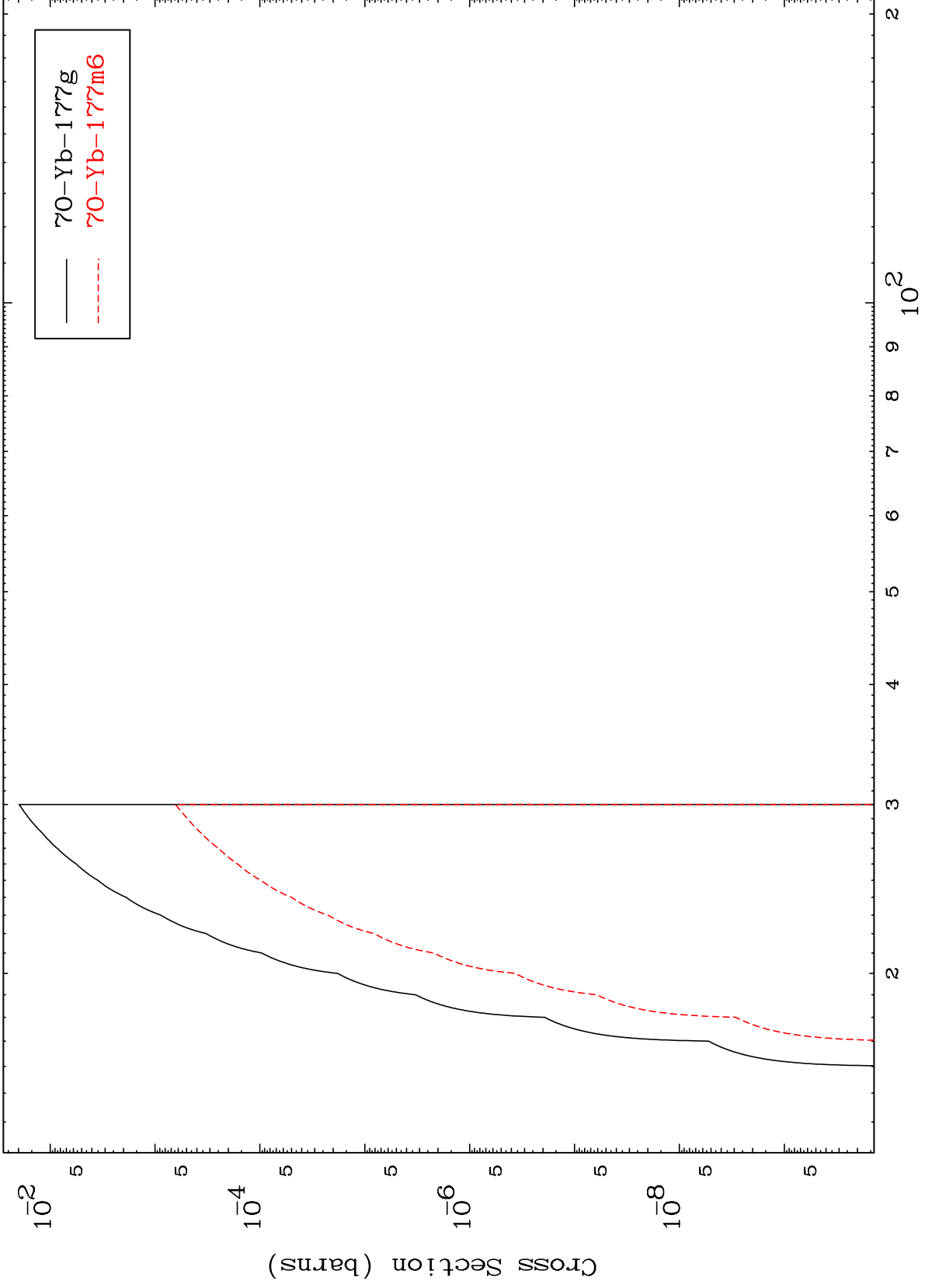
71-Lu-179

MAT 7137

(n,2n) p

71-Lu-179

Radionuclide Production Cross Section



142

Incident Energy (MeV)

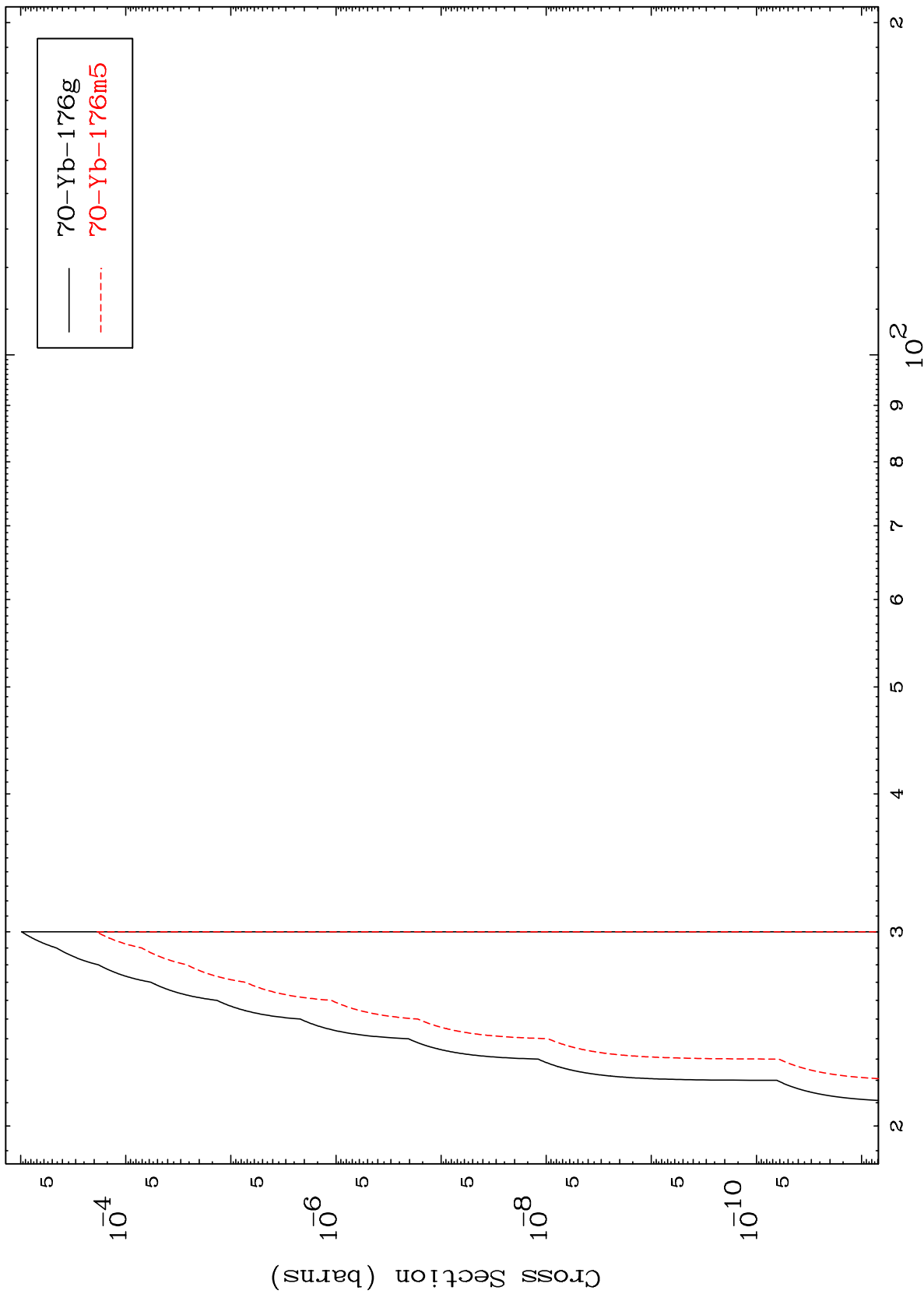
71-Lu-179

MAT 7137

(n,3n) p

71-Lu-179

Radionuclide Production Cross Section



143

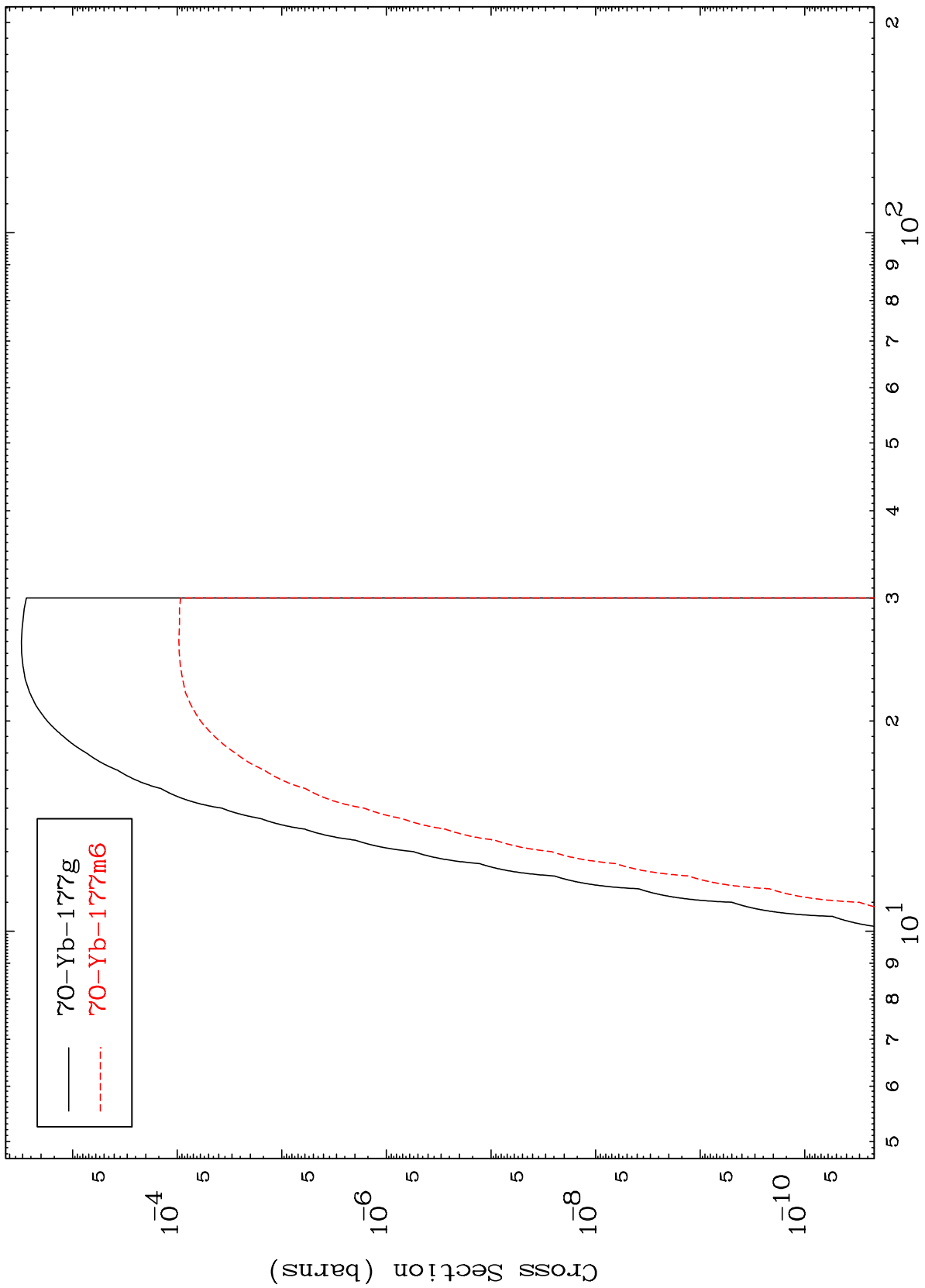
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-179

144