

Program EVALPLOT
(Version 2017-1)

by

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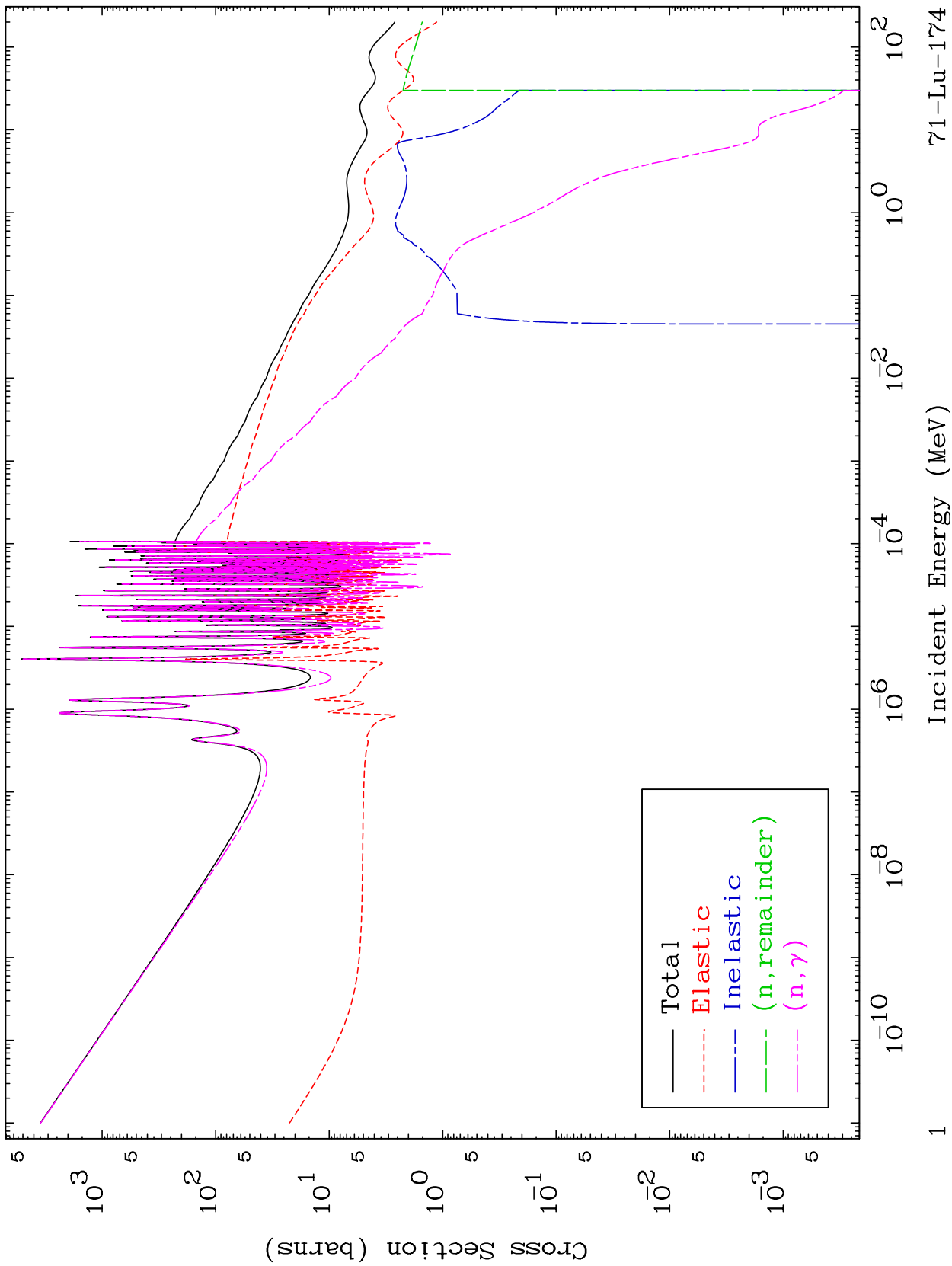
Press Mouse Button to Start

MAT 7122

Major

293 Kelvin Cross Sections

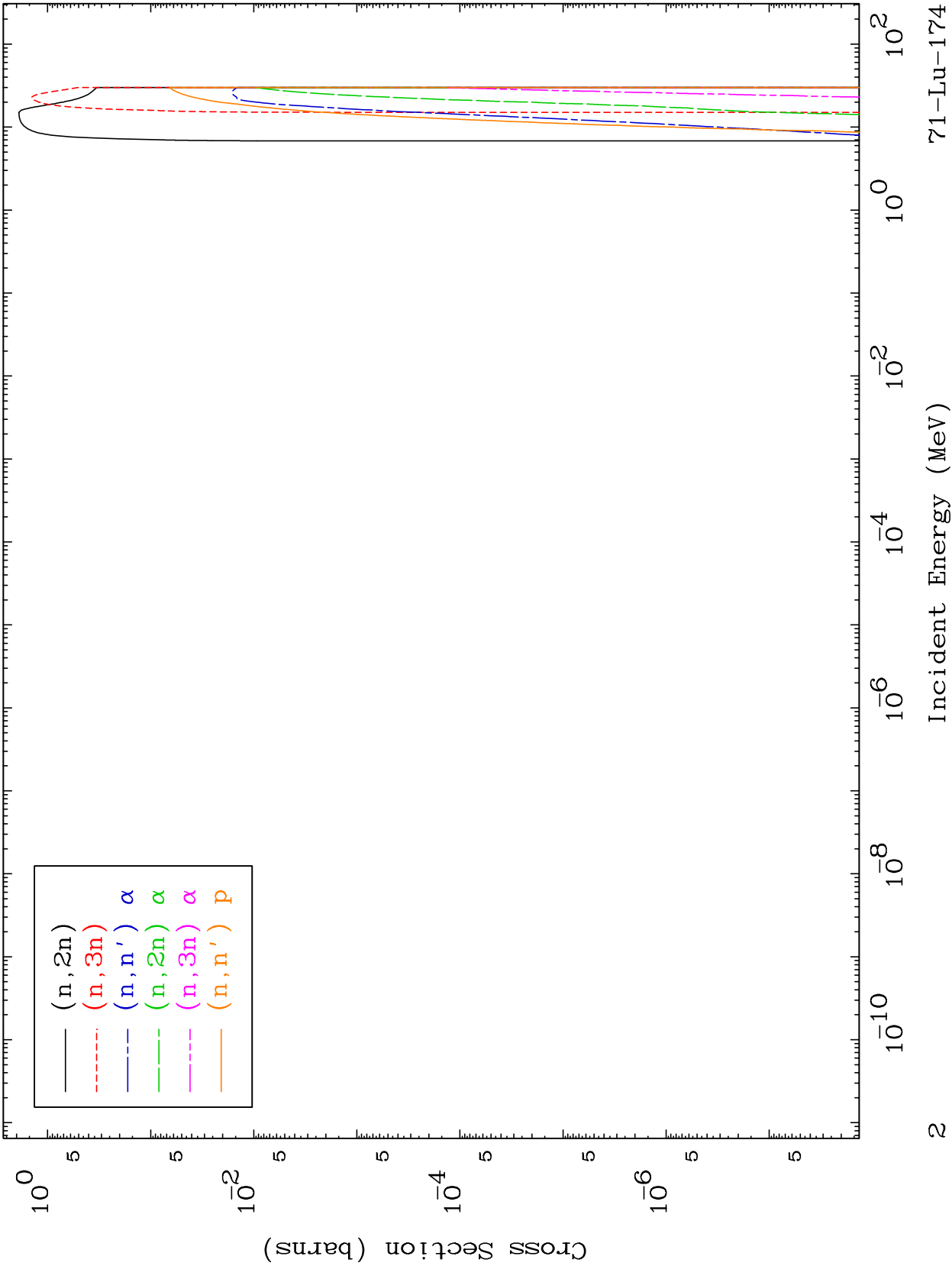
71-Lu-174

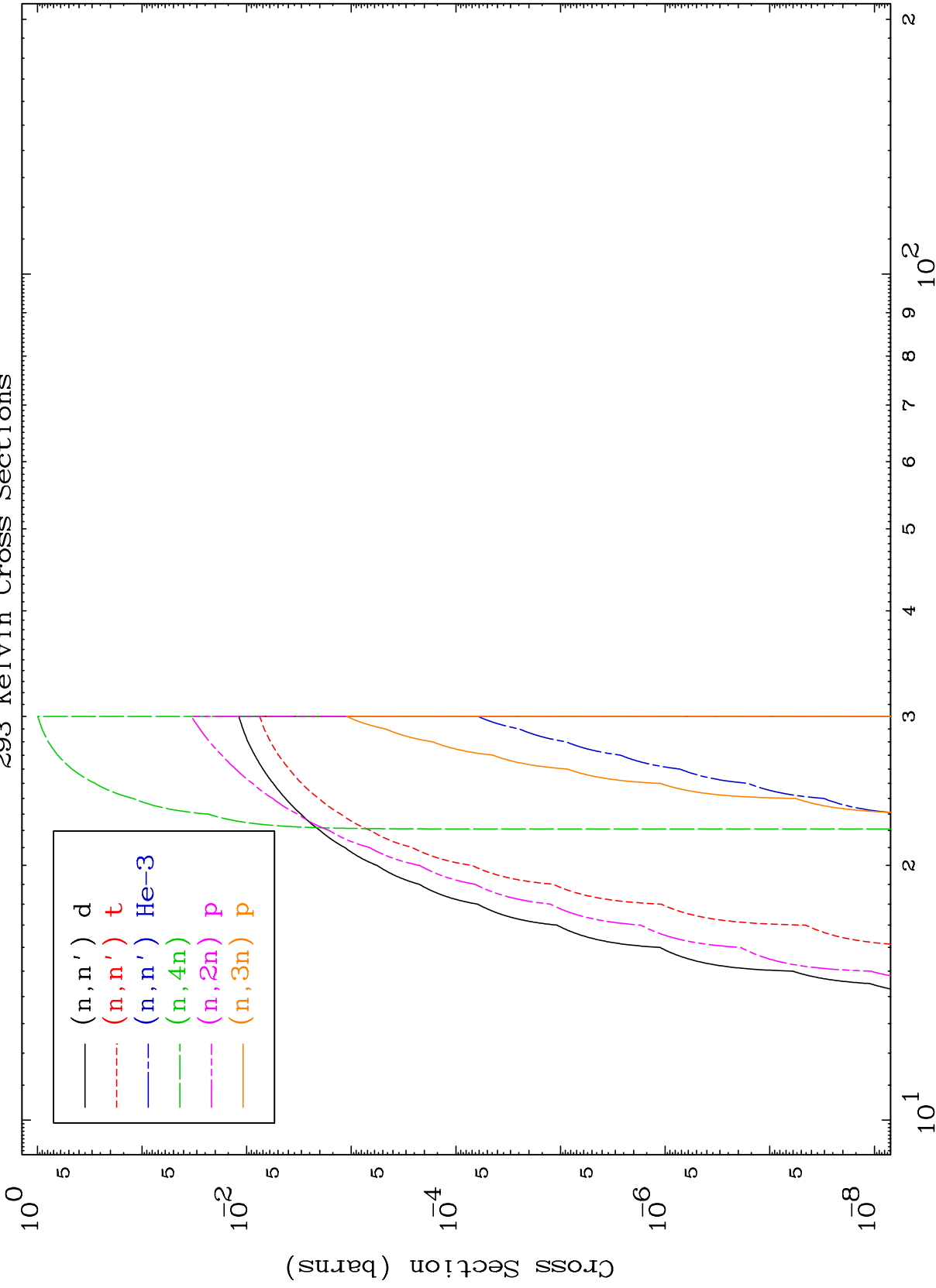


MAT 7122

Neutron Production
293 Kelvin Cross Sections

71-Lu-174

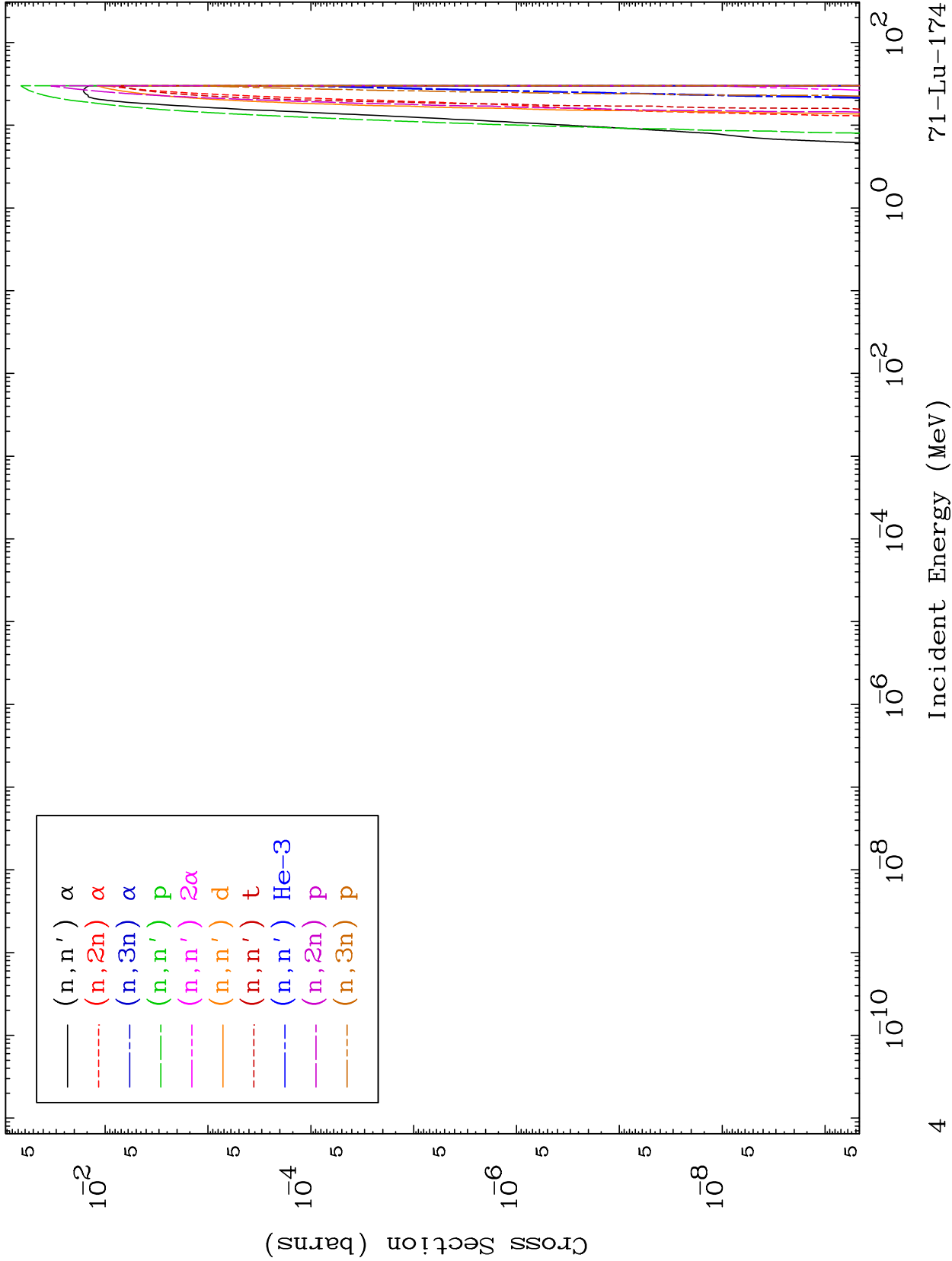




MAT 7122

Charged Particle
293 Kelvin Cross Sections

71-Lu-174

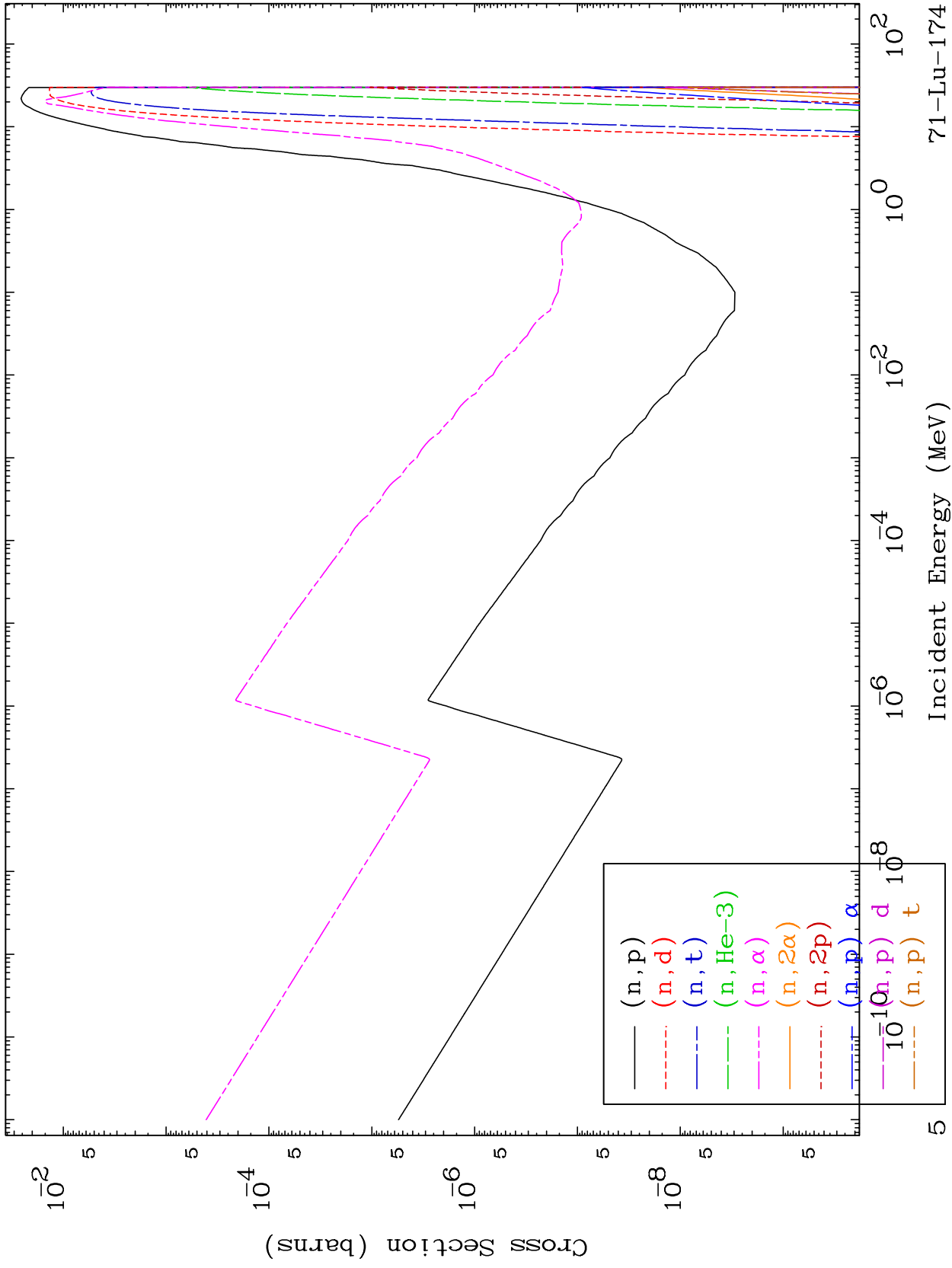


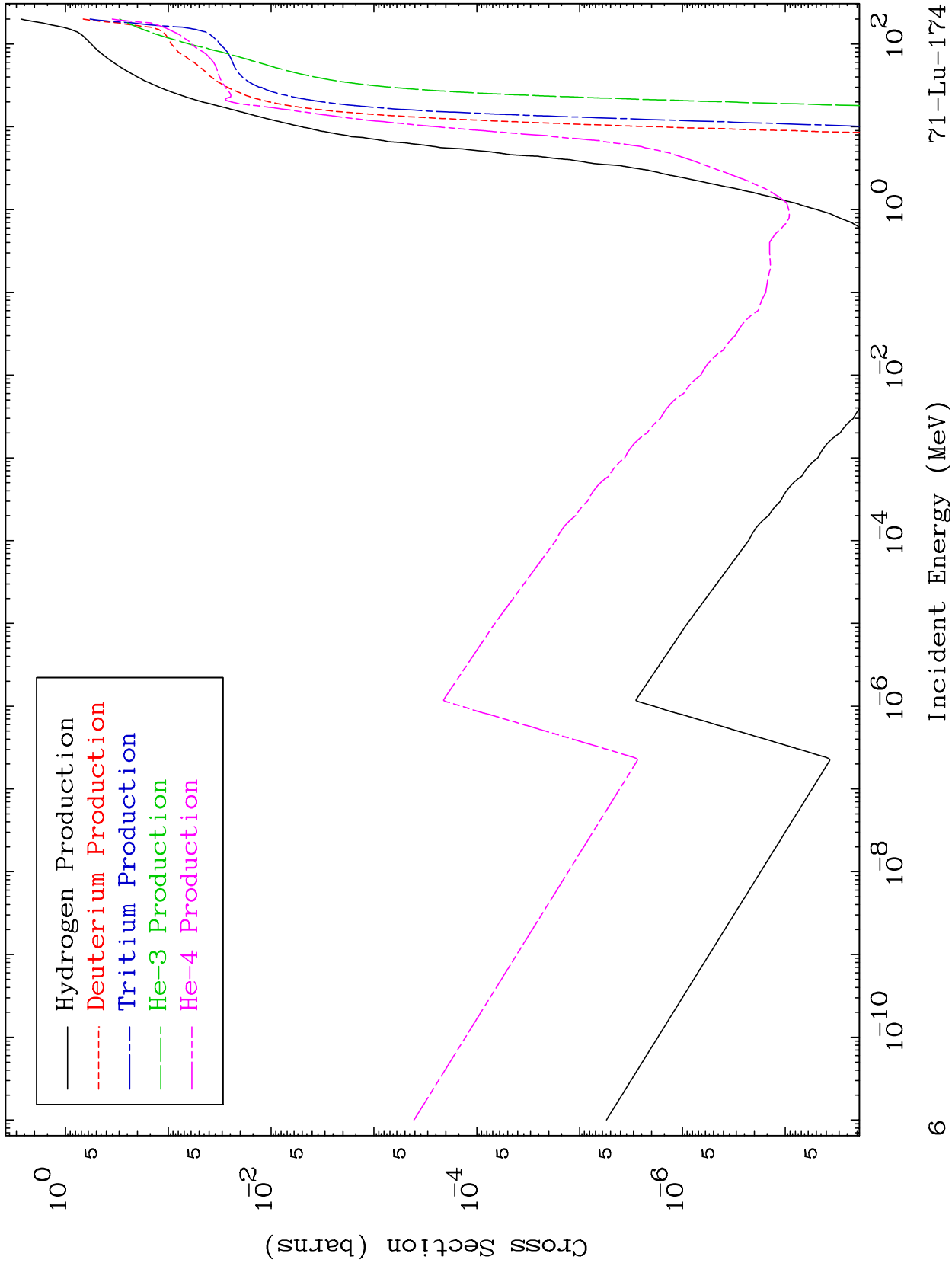
71-Lu-174

MAT 7122

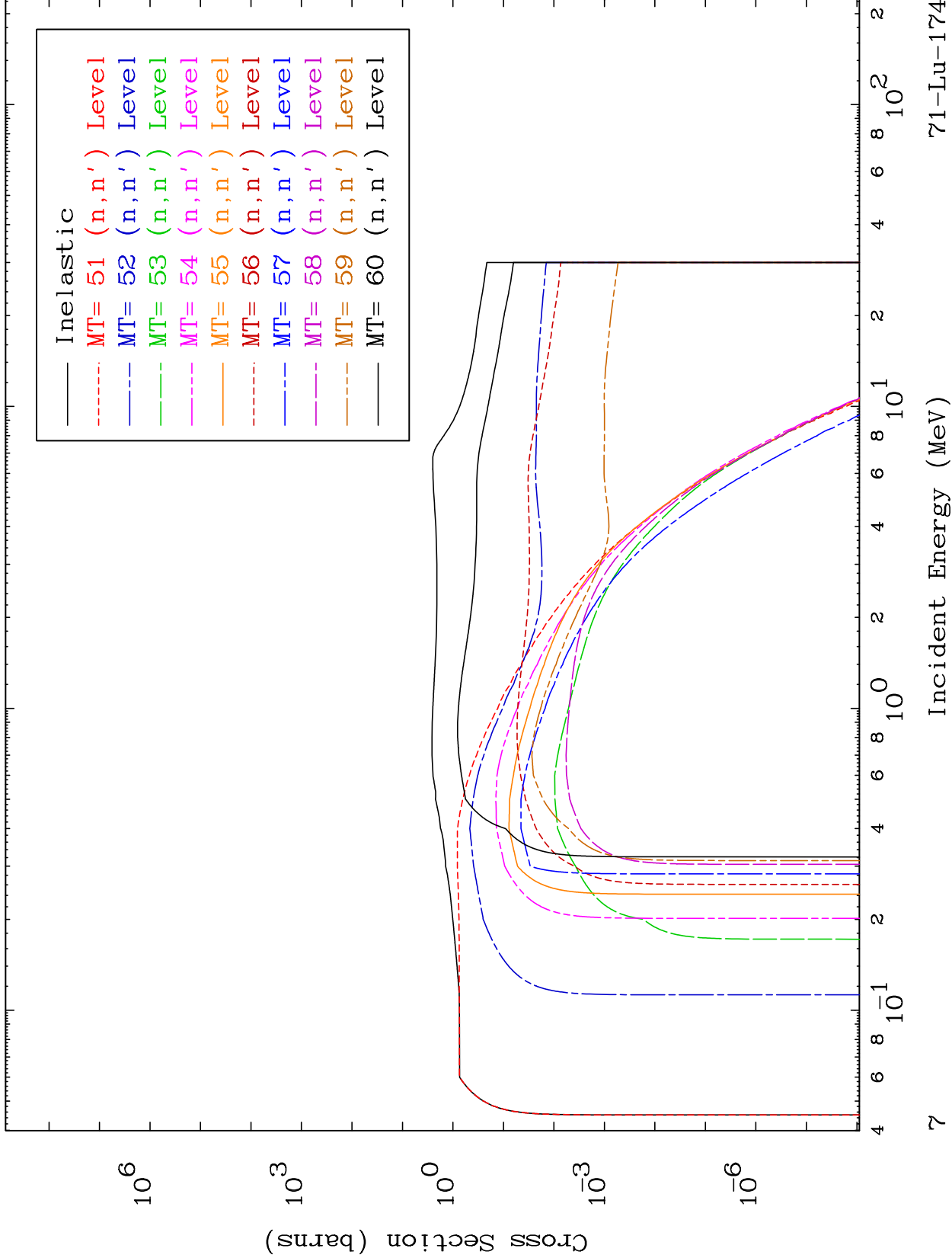
Charged Particle
293 Kelvin Cross Sections

71-Lu-174





293 Kelvin Cross Sections

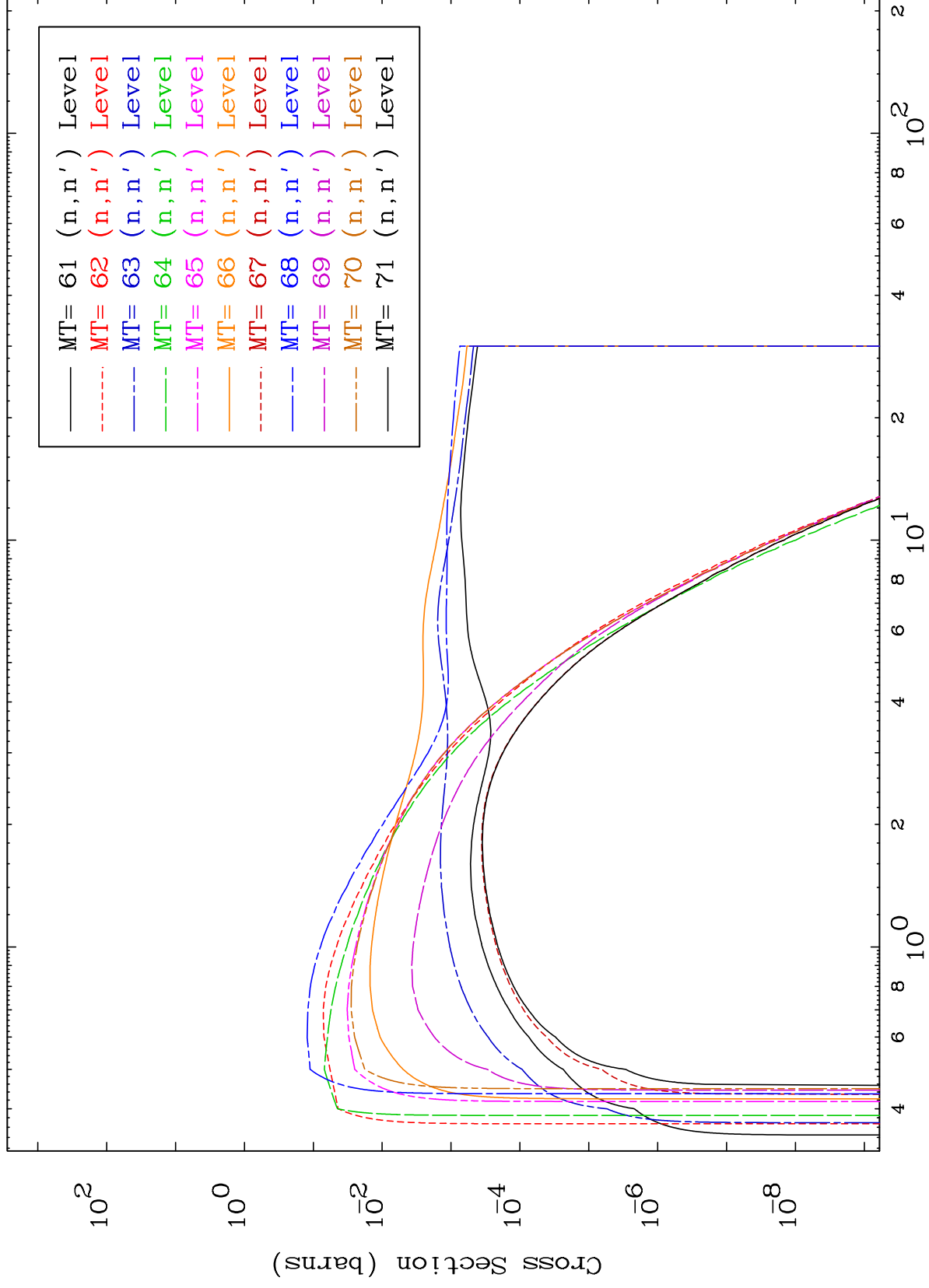


MAT 7122

(n,n') Level

293 Kelvin Cross Sections

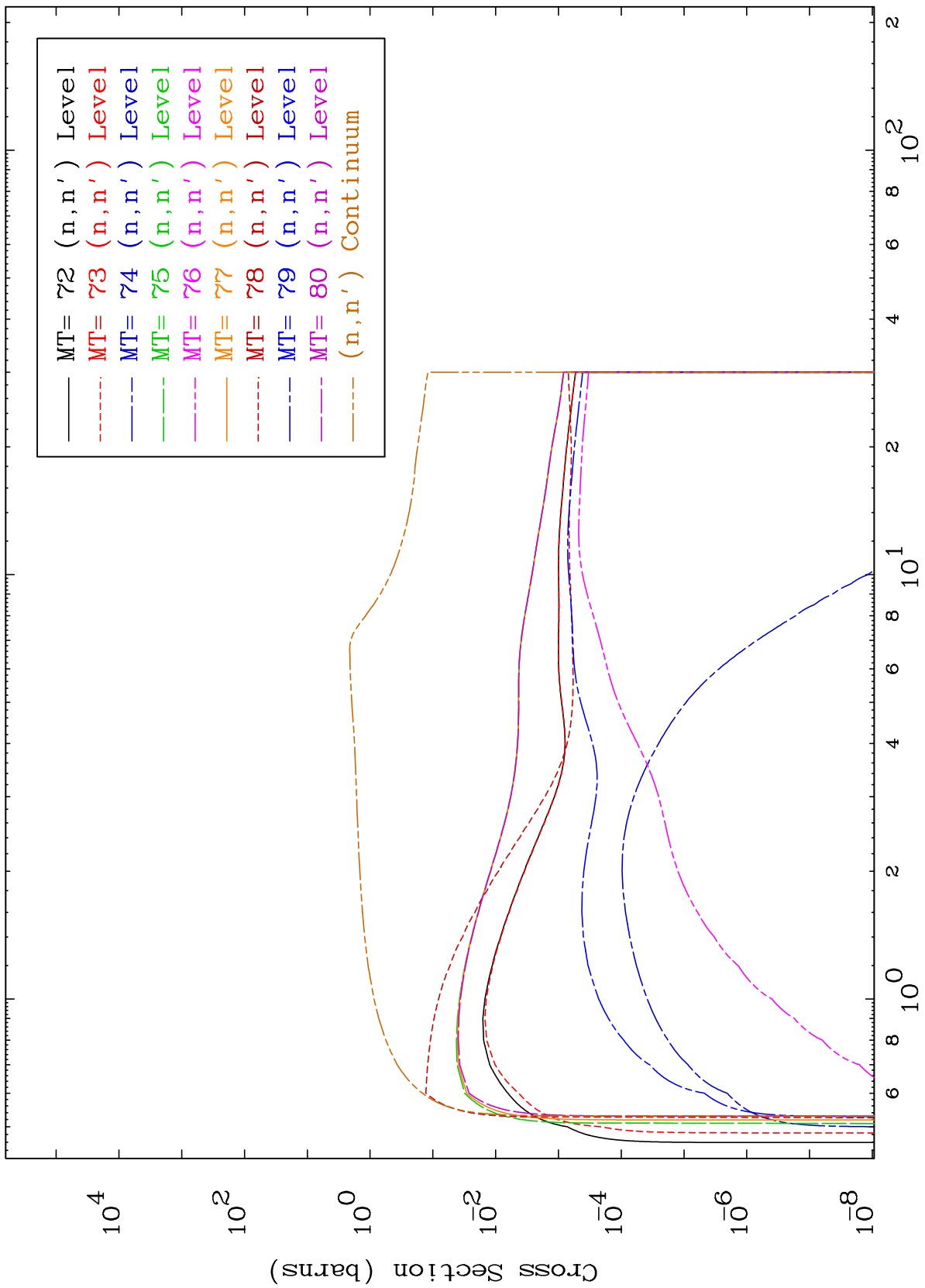
71-Lu-174



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Incident Energy (MeV)

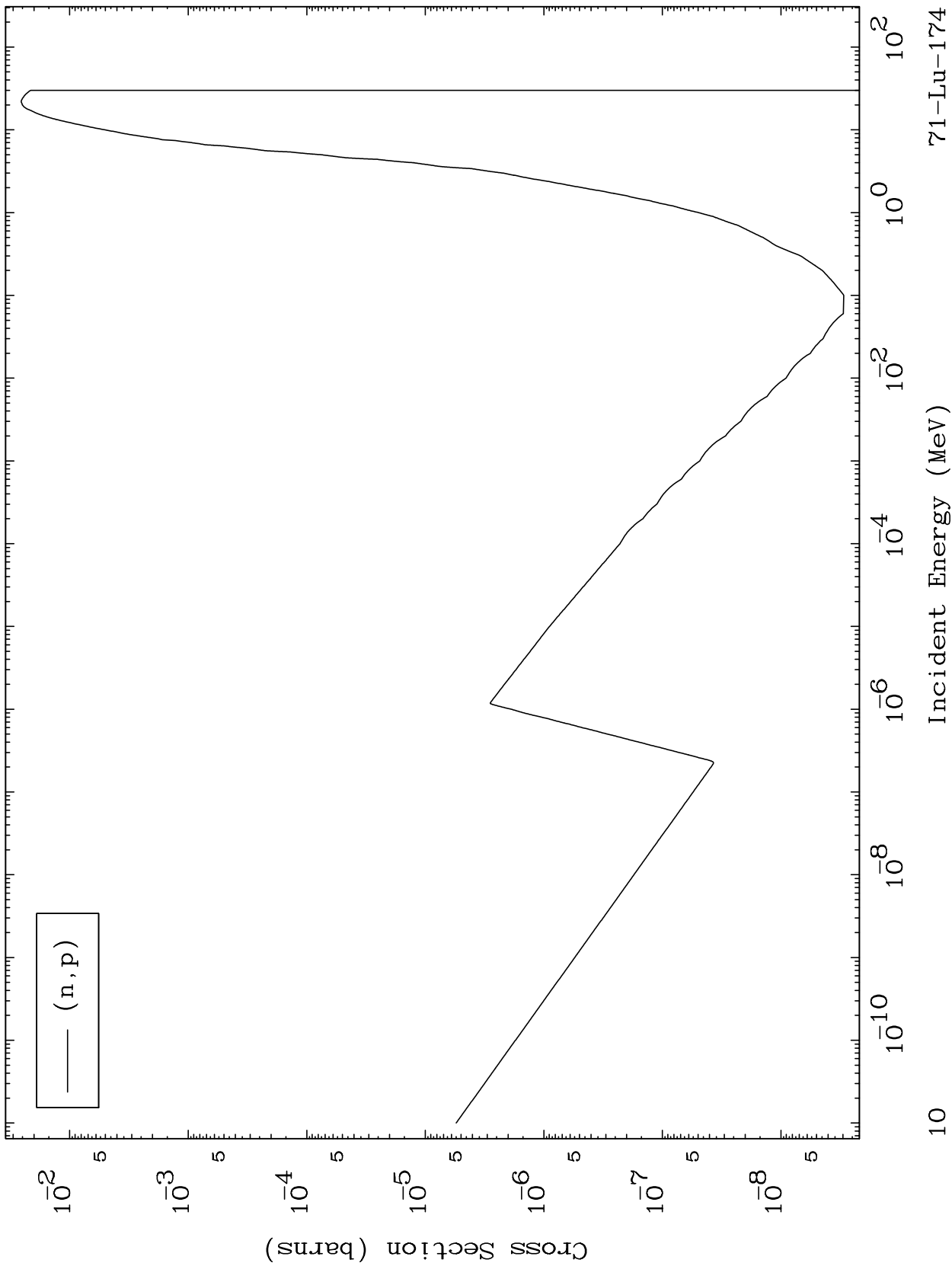
71-Lu-174



MAT 7122

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-174



10

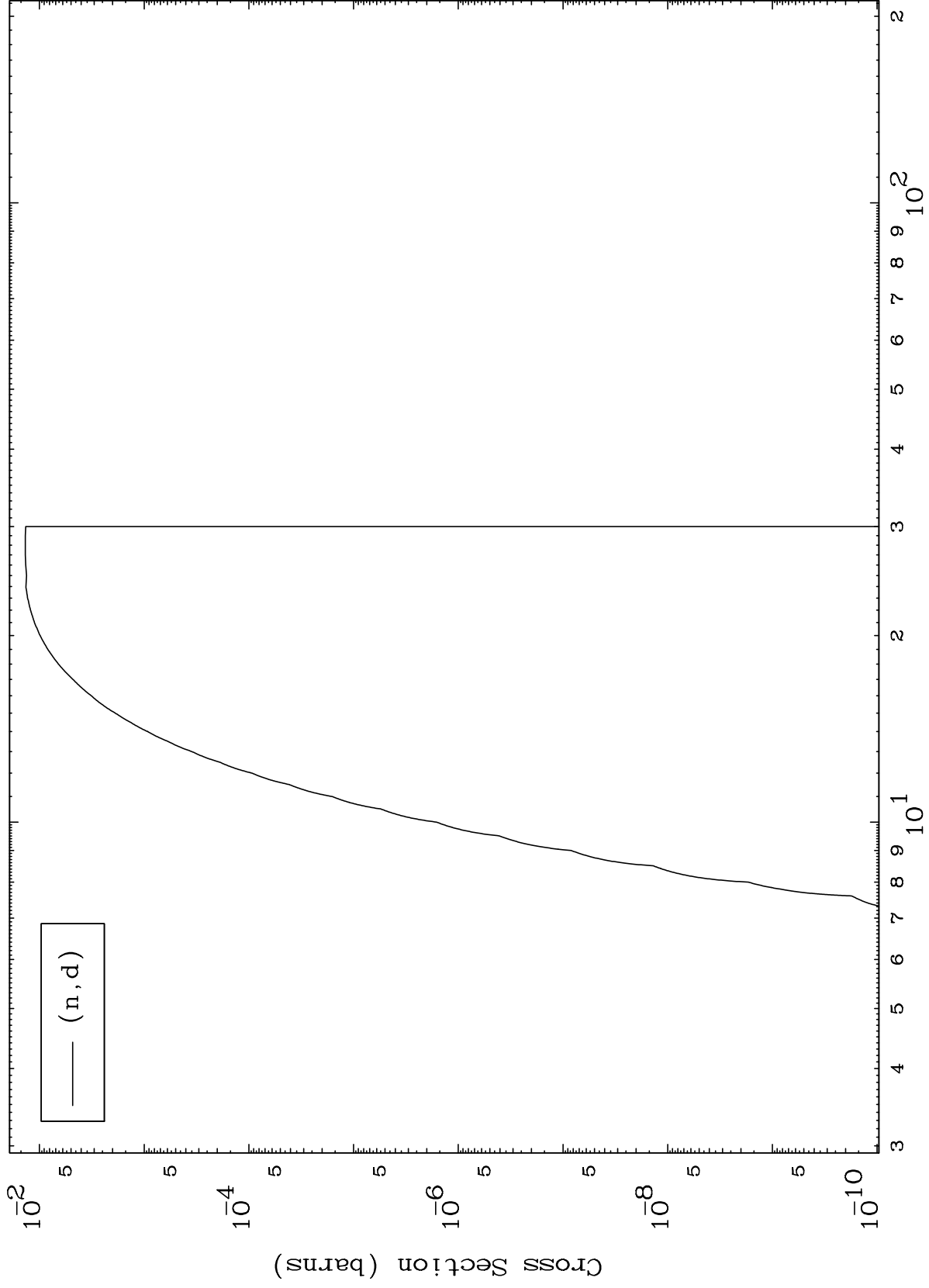
Incident Energy (MeV)

71-Lu-174

MAT 7122

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-174



11

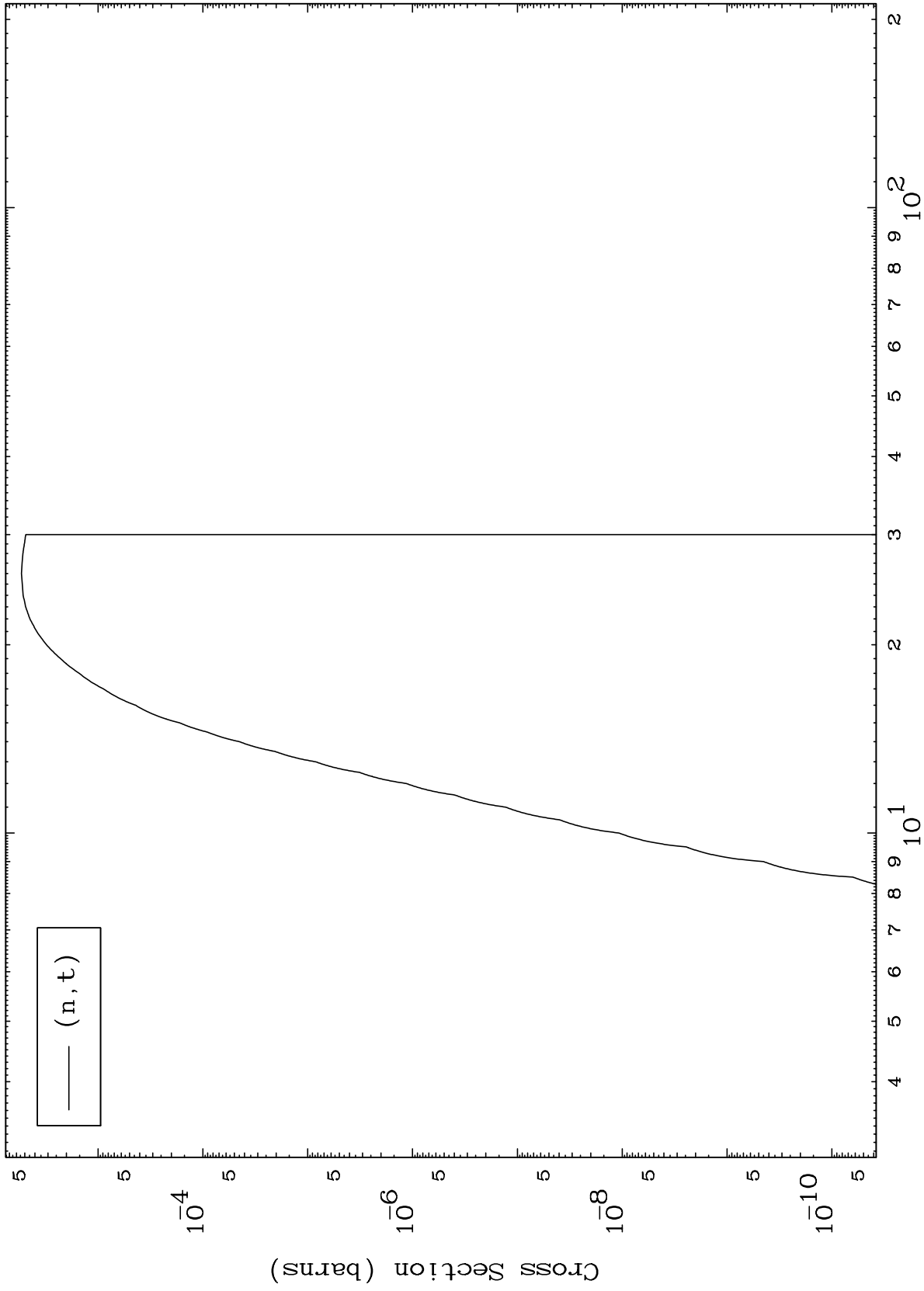
Incident Energy (MeV)

71-Lu-174

MAT 7122

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-174



12

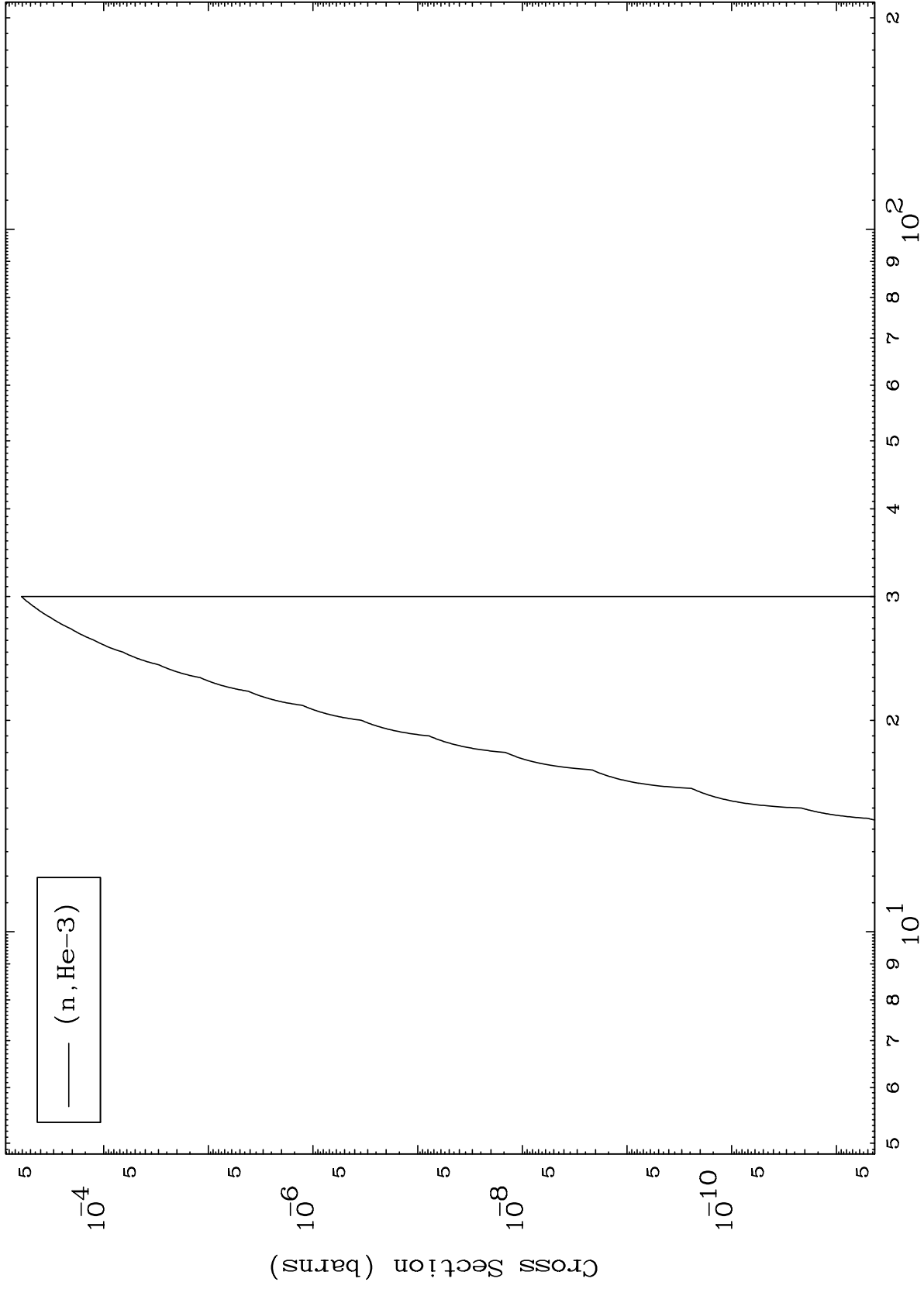
Incident Energy (MeV)

71-Lu-174

MAT 7122

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-174



13

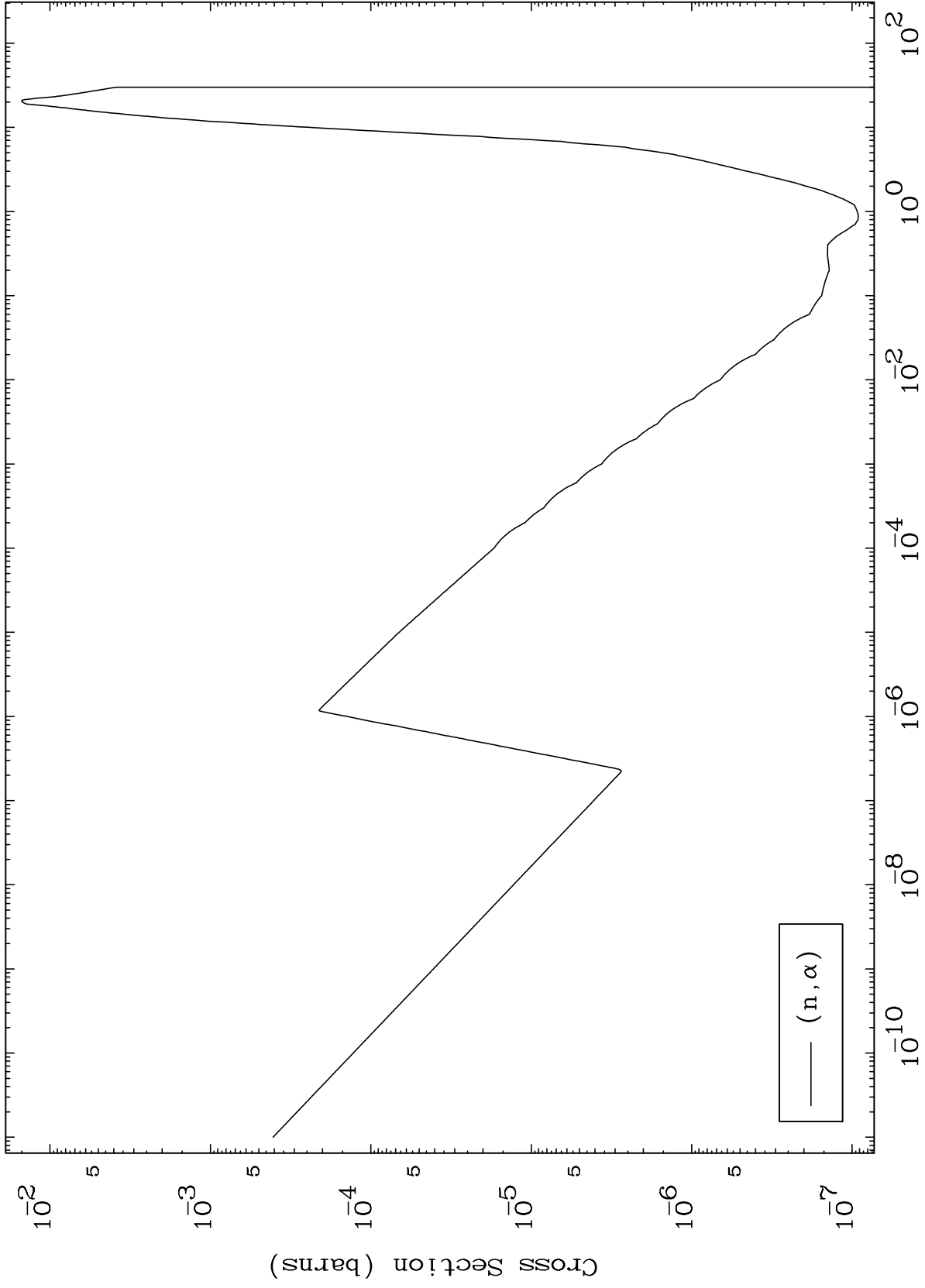
Incident Energy (MeV)

71-Lu-174

MAT 7122

(n, α) Levels
293 Kelvin Cross Sections

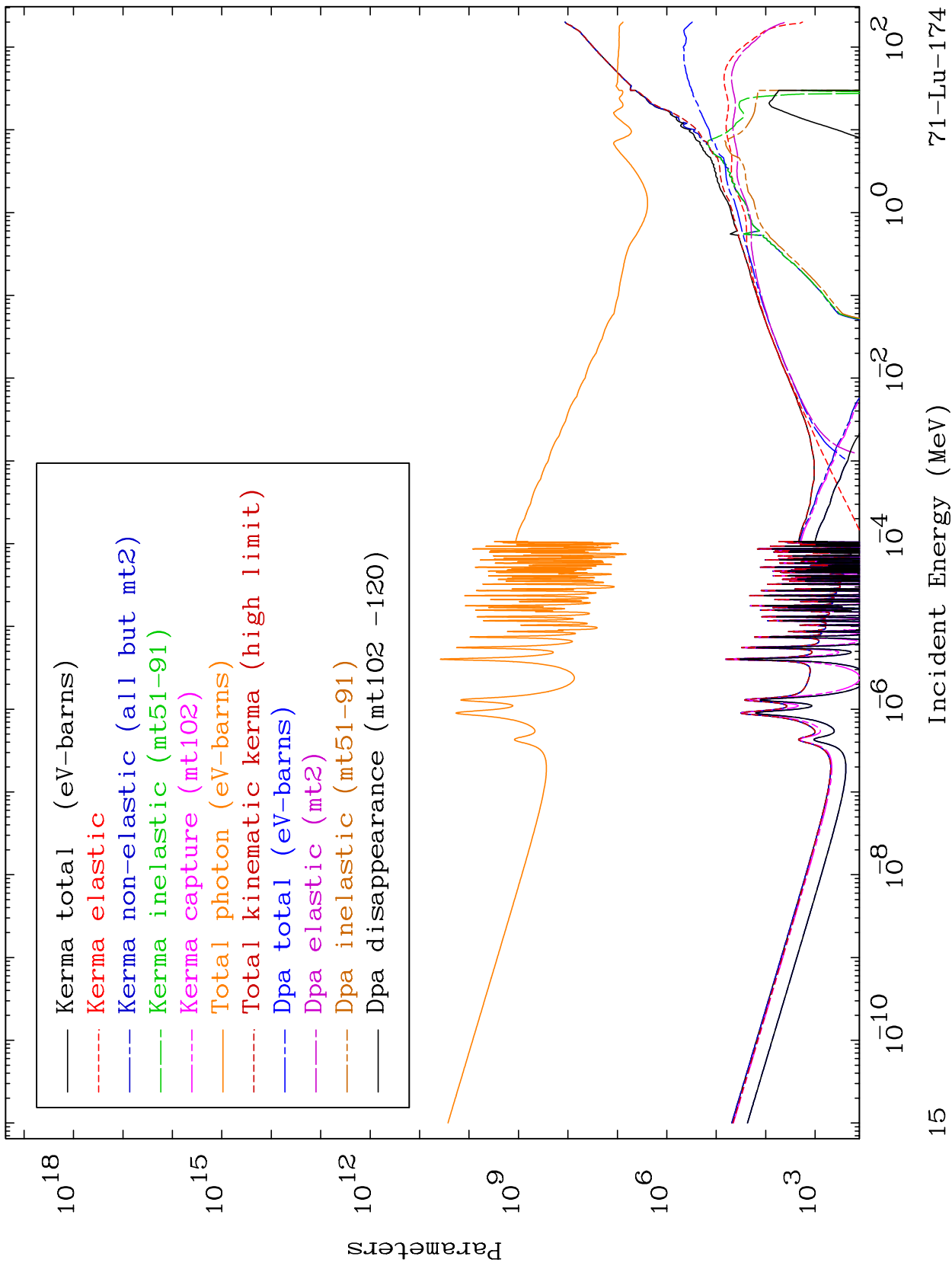
71-Lu-174



14

Incident Energy (MeV)

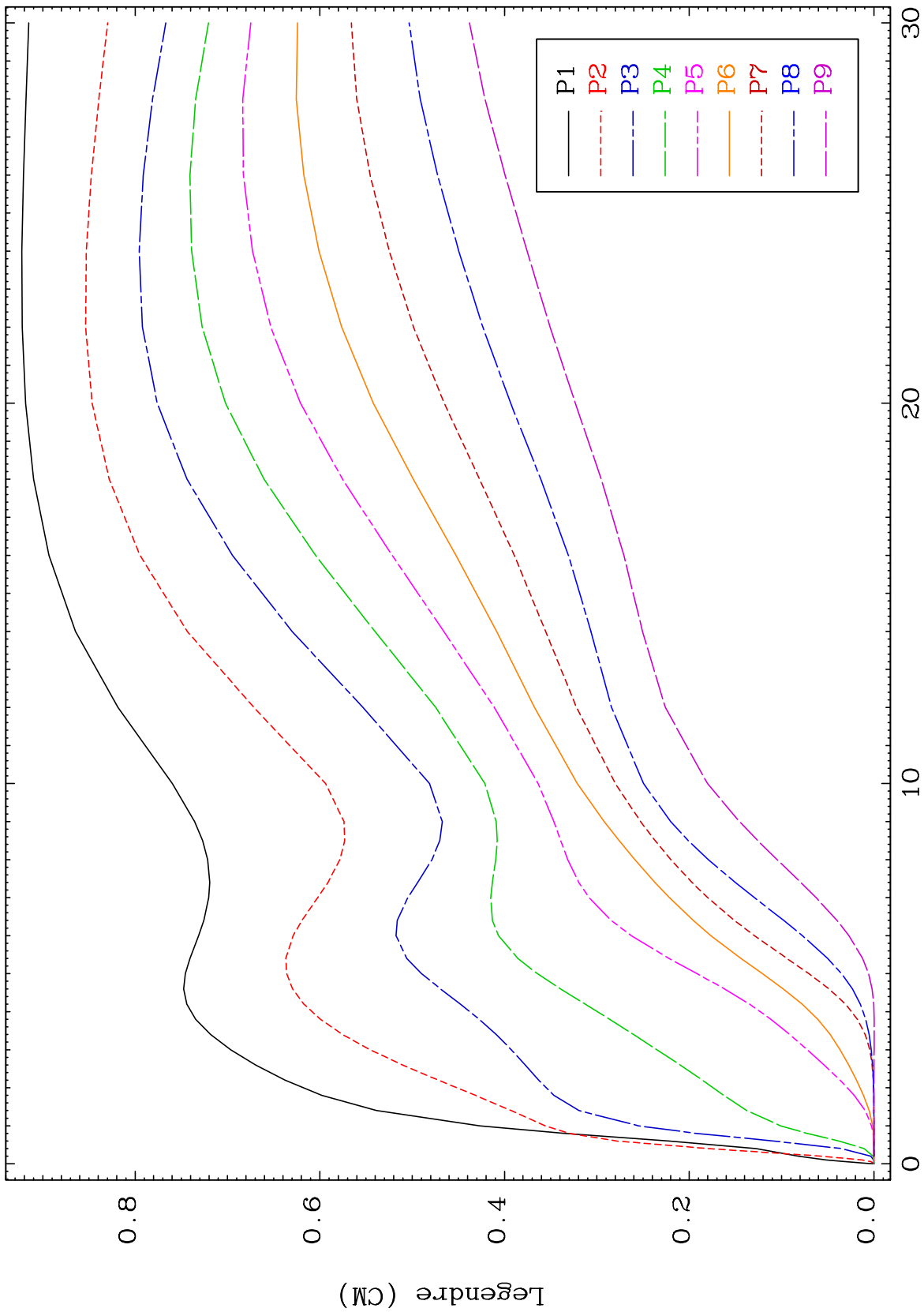
71-Lu-174



MAT 7122

71-Lu-174

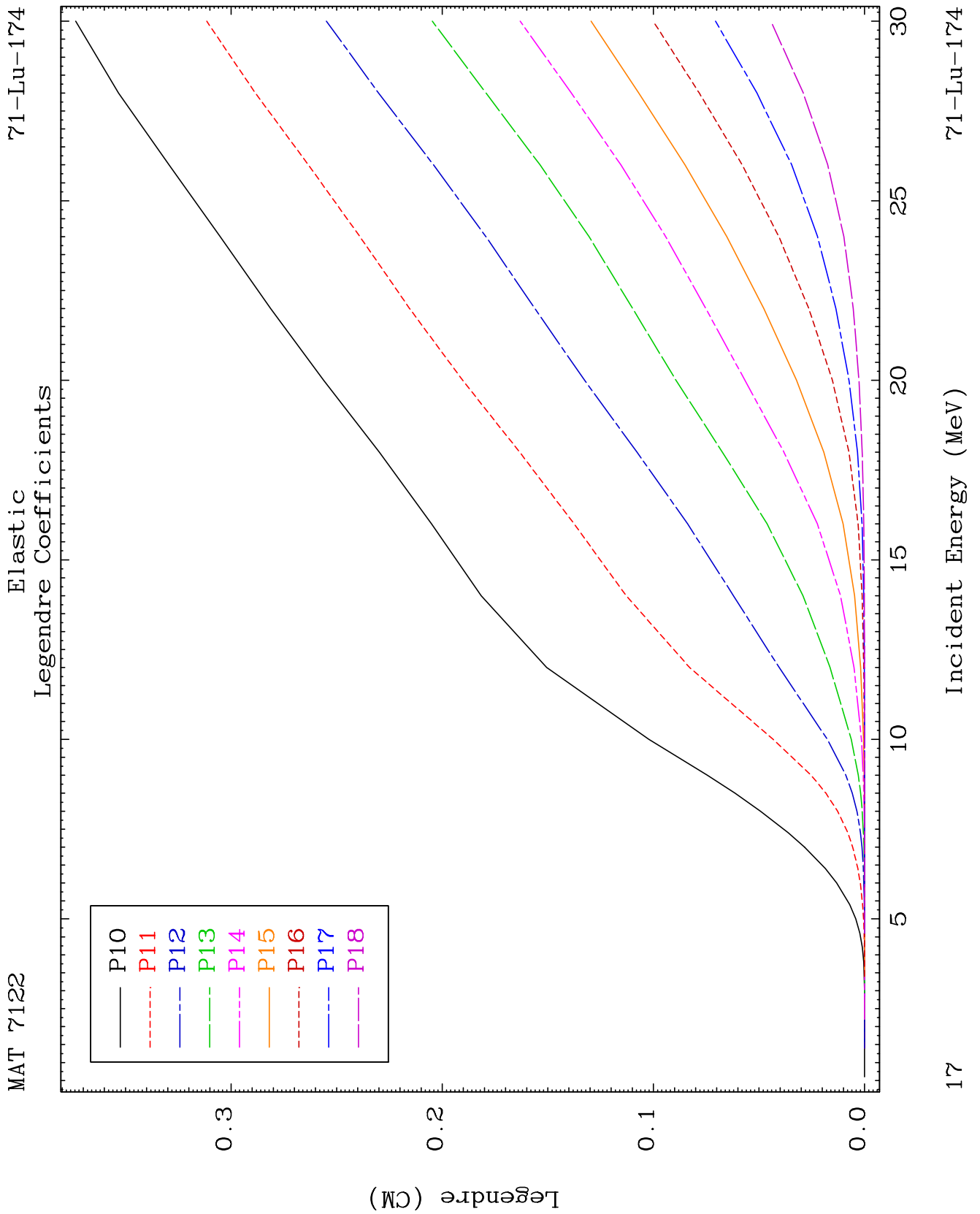
Elastic Legendre Coefficients



71-Lu-174

Incident Energy (MeV)

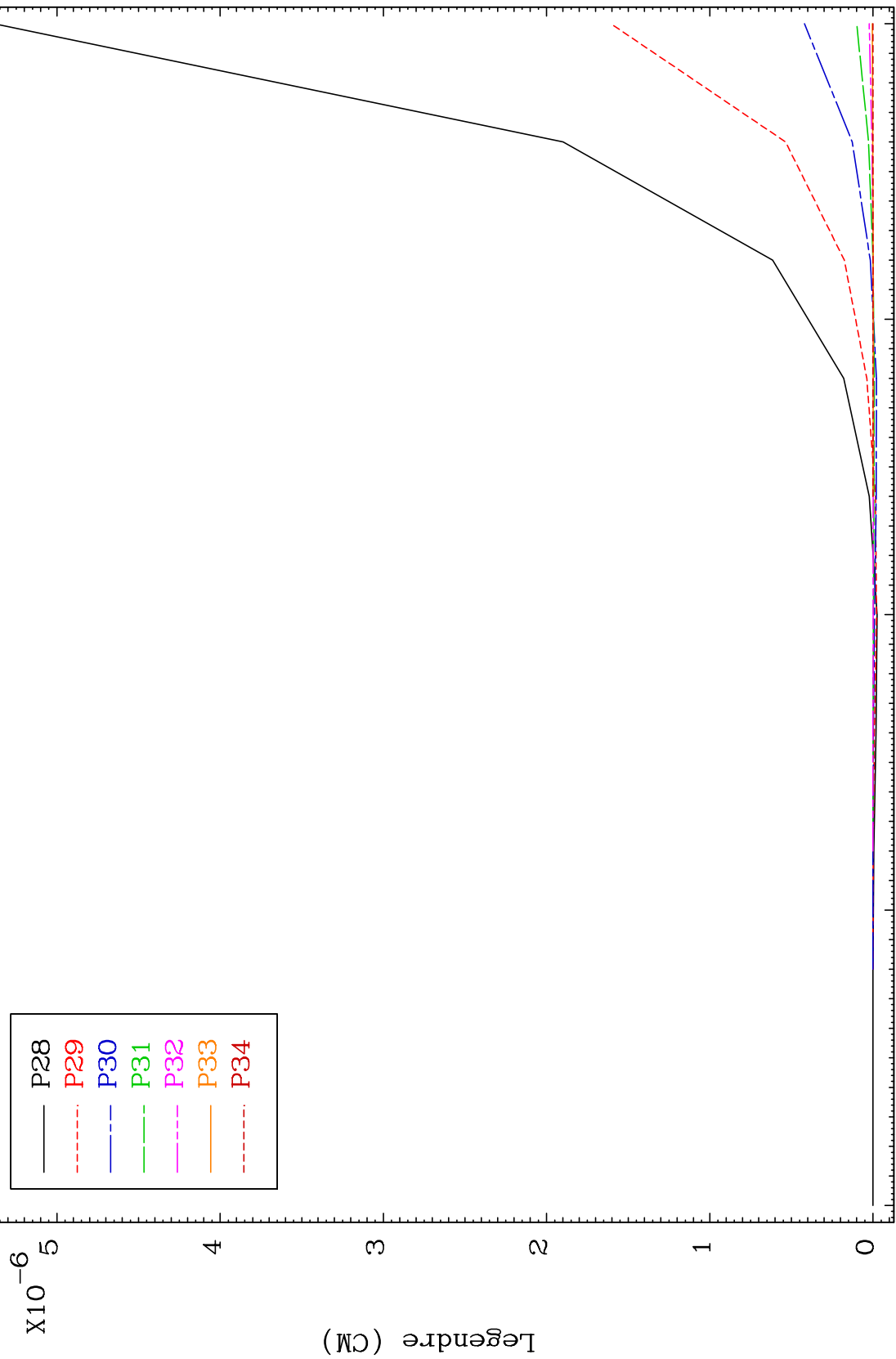
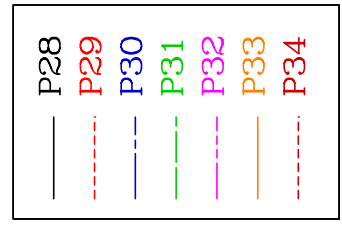
16



MAT 7122

Elastic Legendre Coefficients

71-Lu-174



10

15

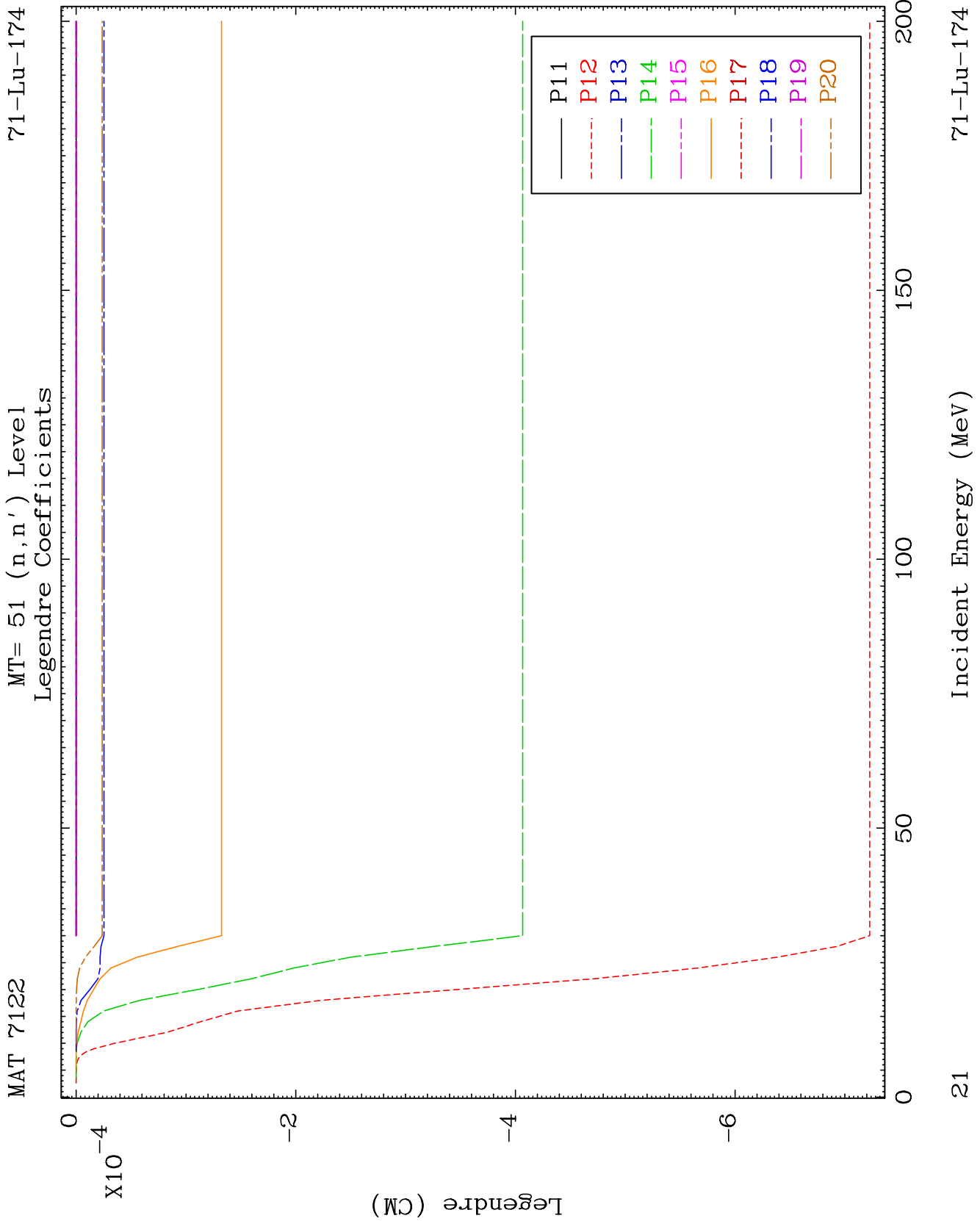
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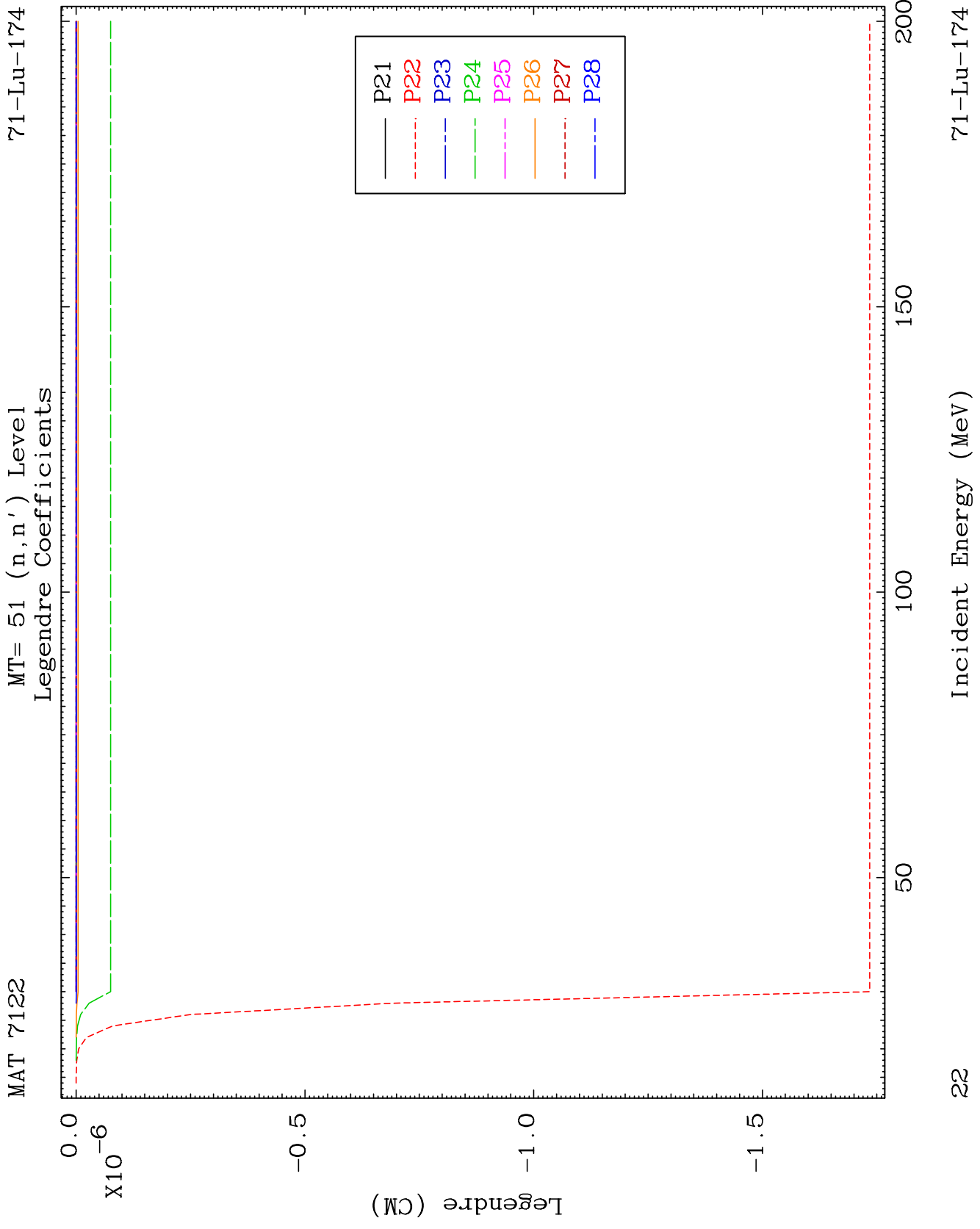
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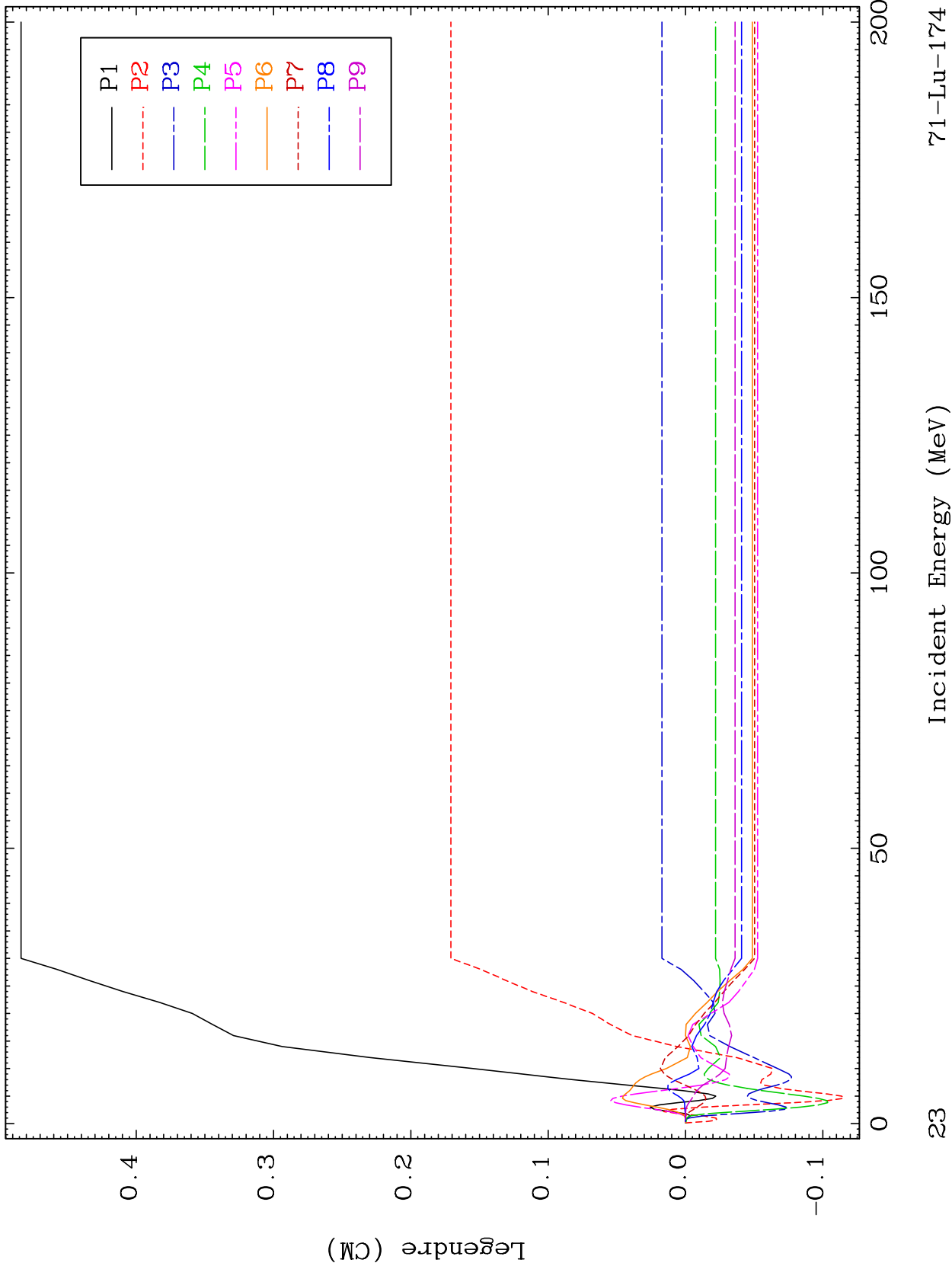
30

Incident Energy (MeV)

71-Lu-174



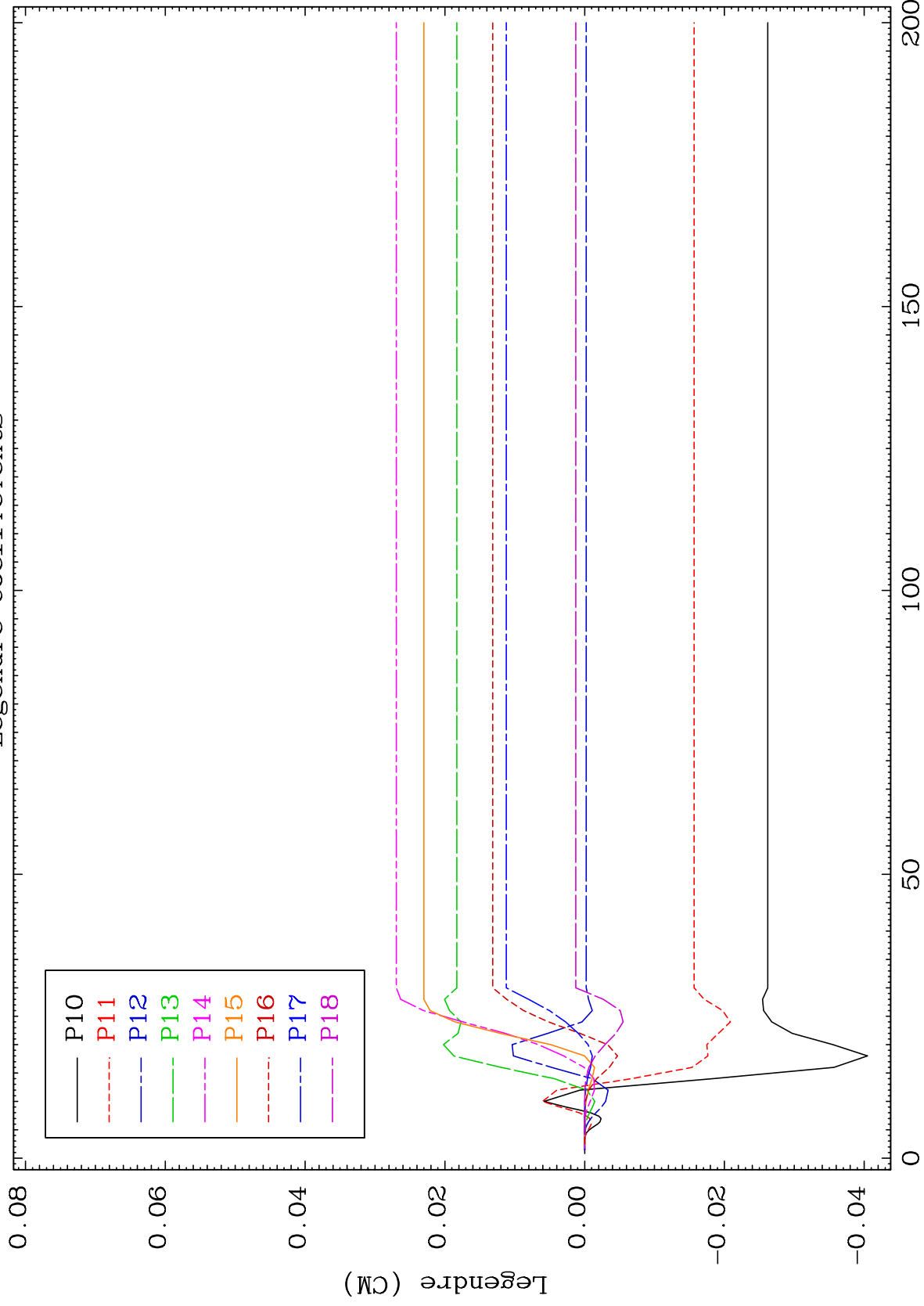




MAT 71222

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

71-Lu-174



24

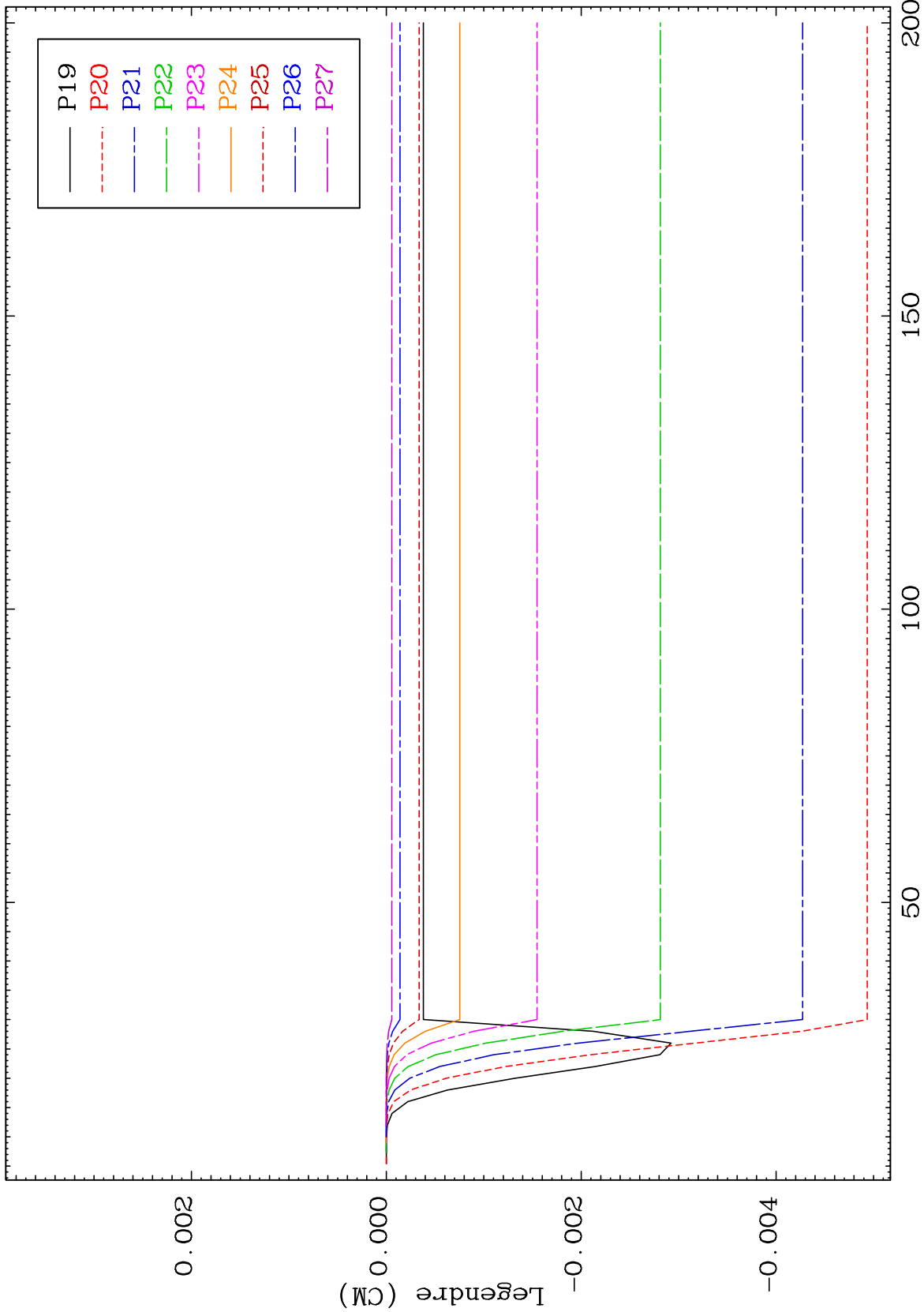
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

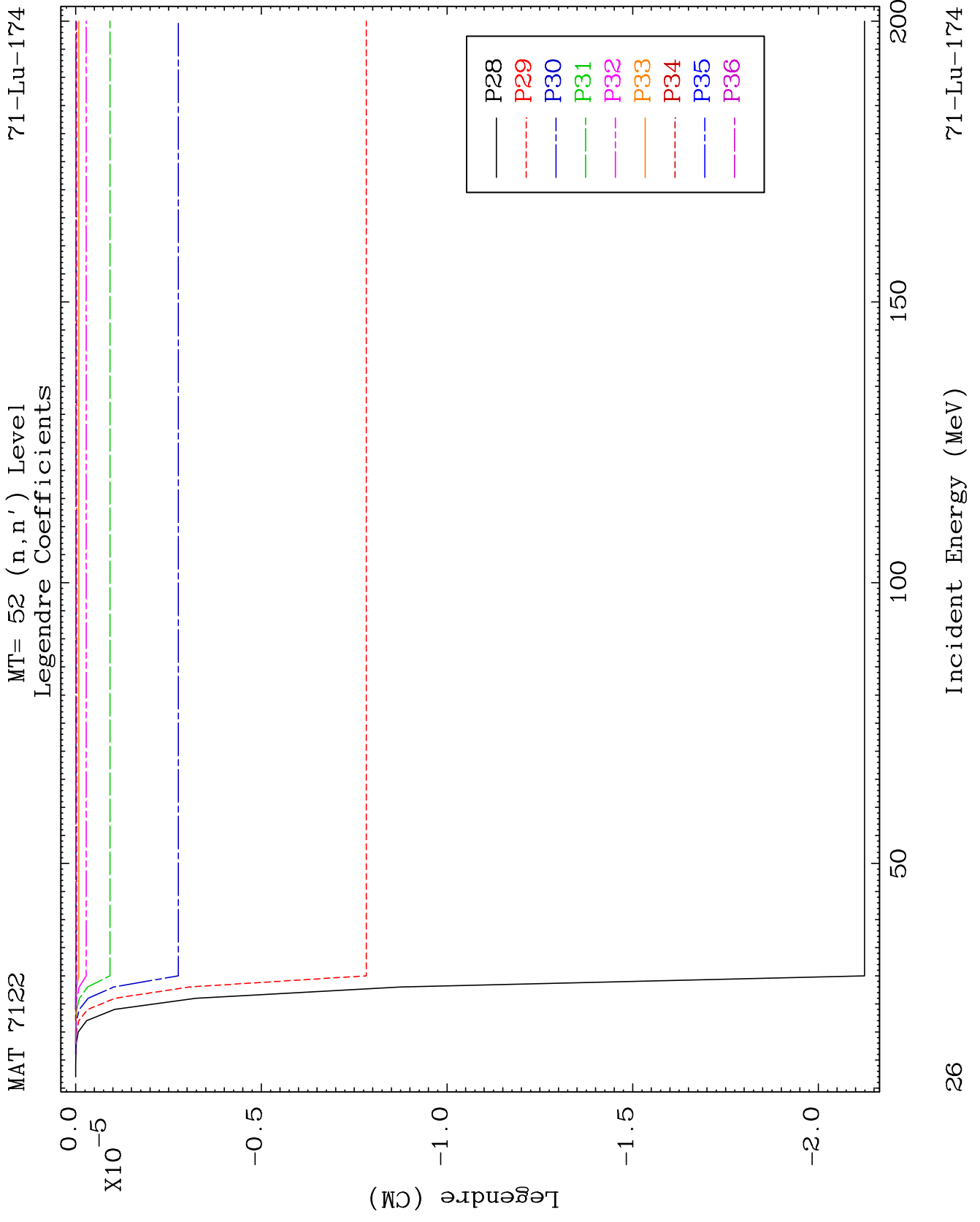
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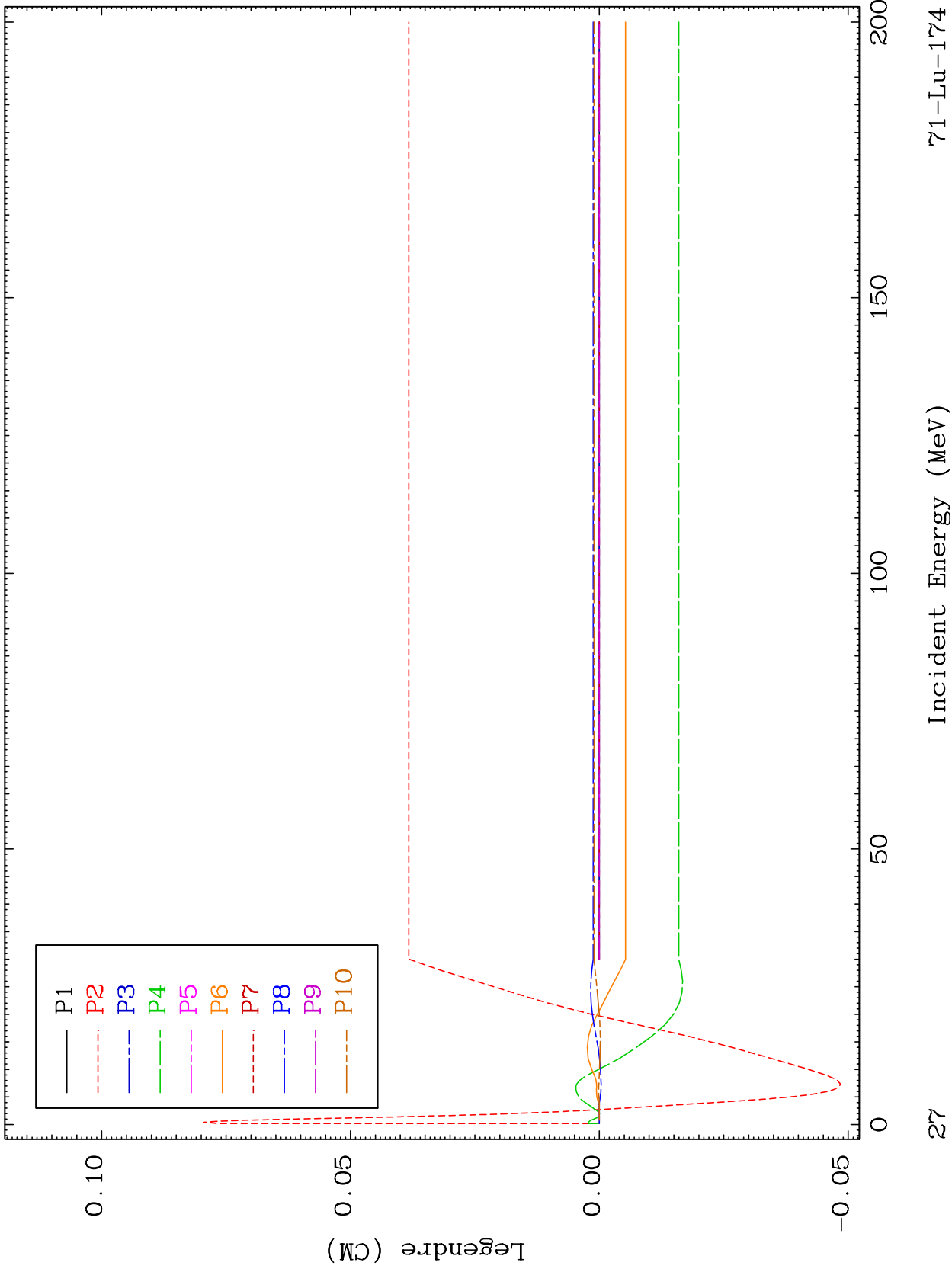


25

Incident Energy (MeV)

71-Lu-174

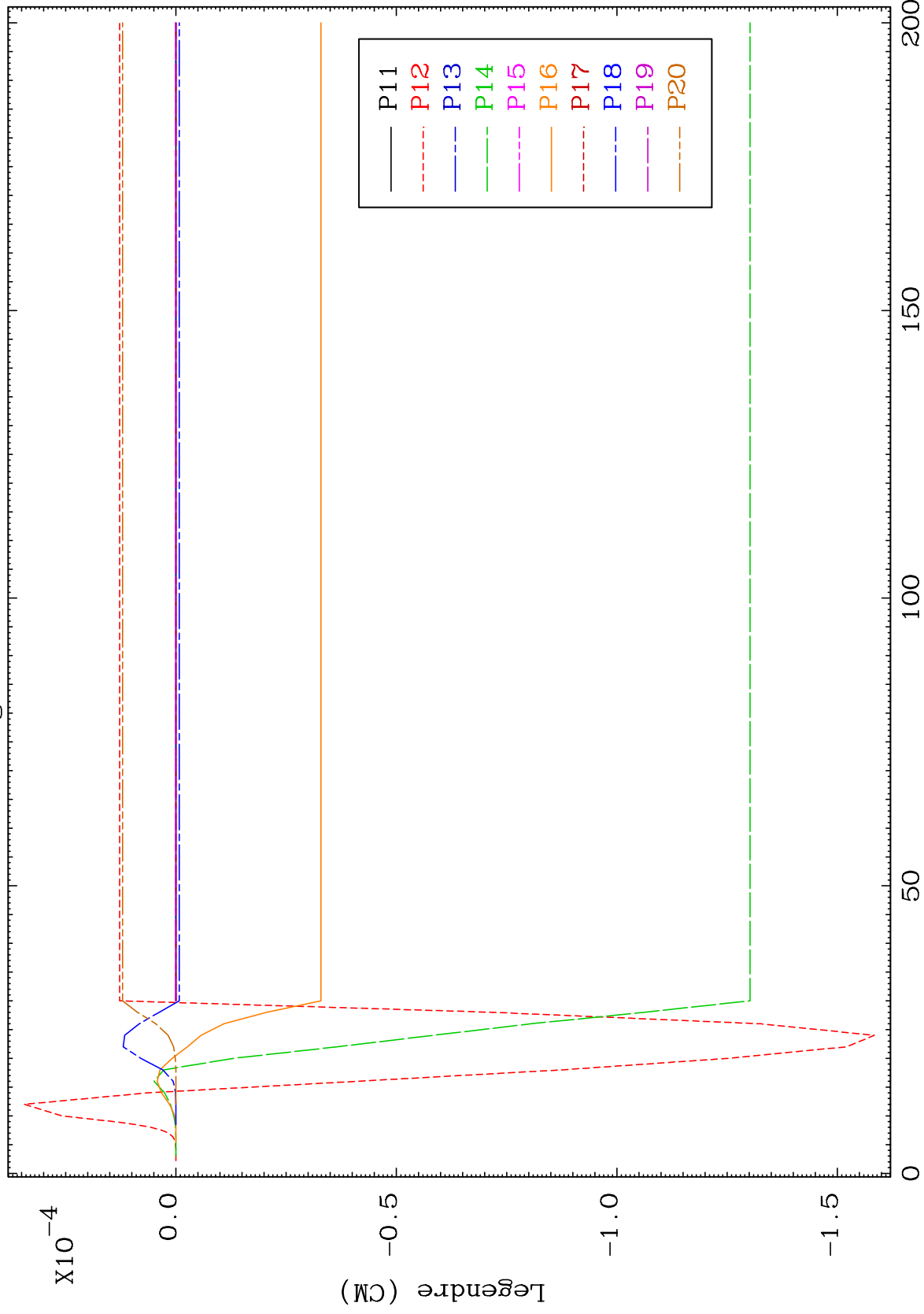




MAT 7122

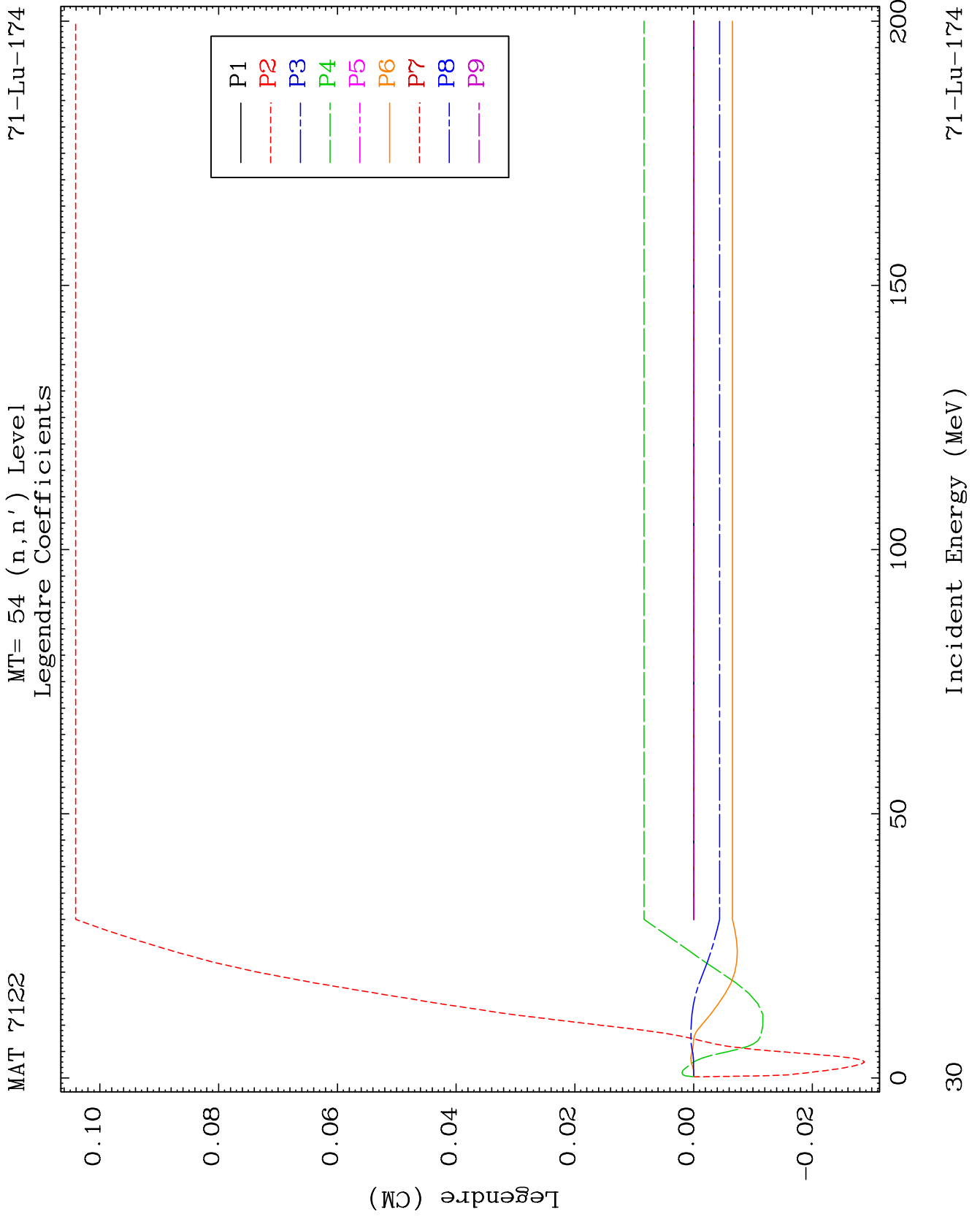
MT= 53 (n,n') Level
Legendre Coefficients

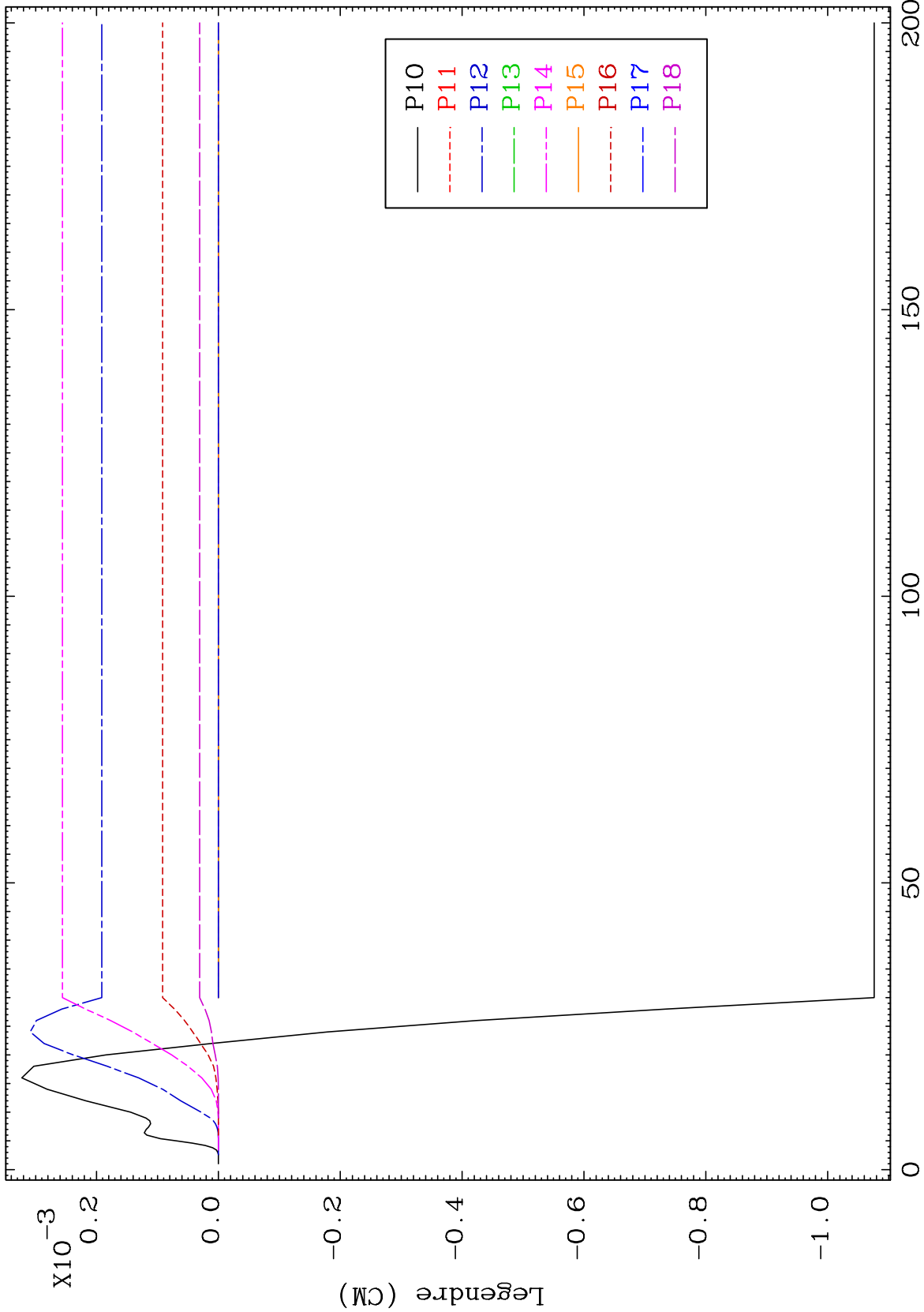
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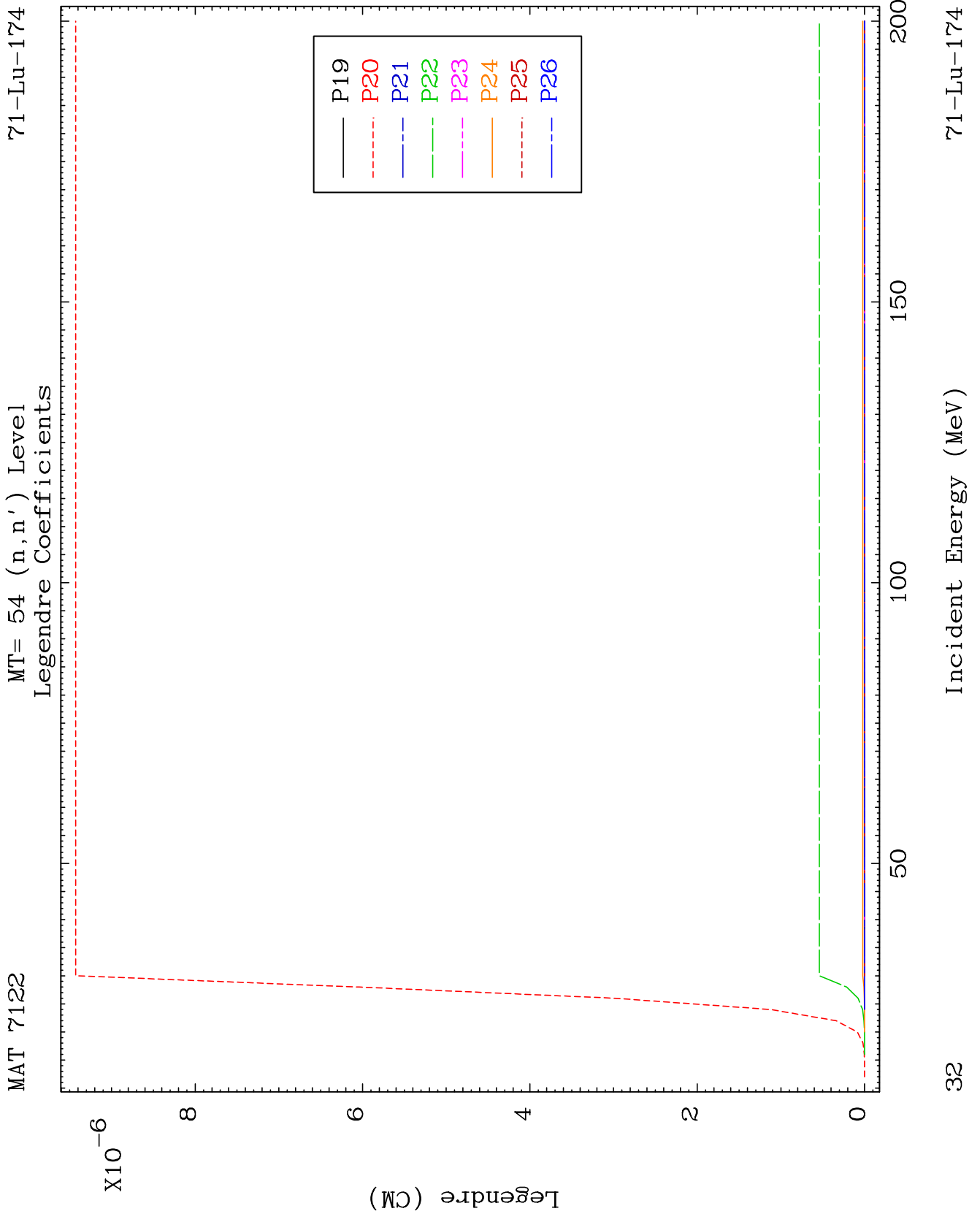


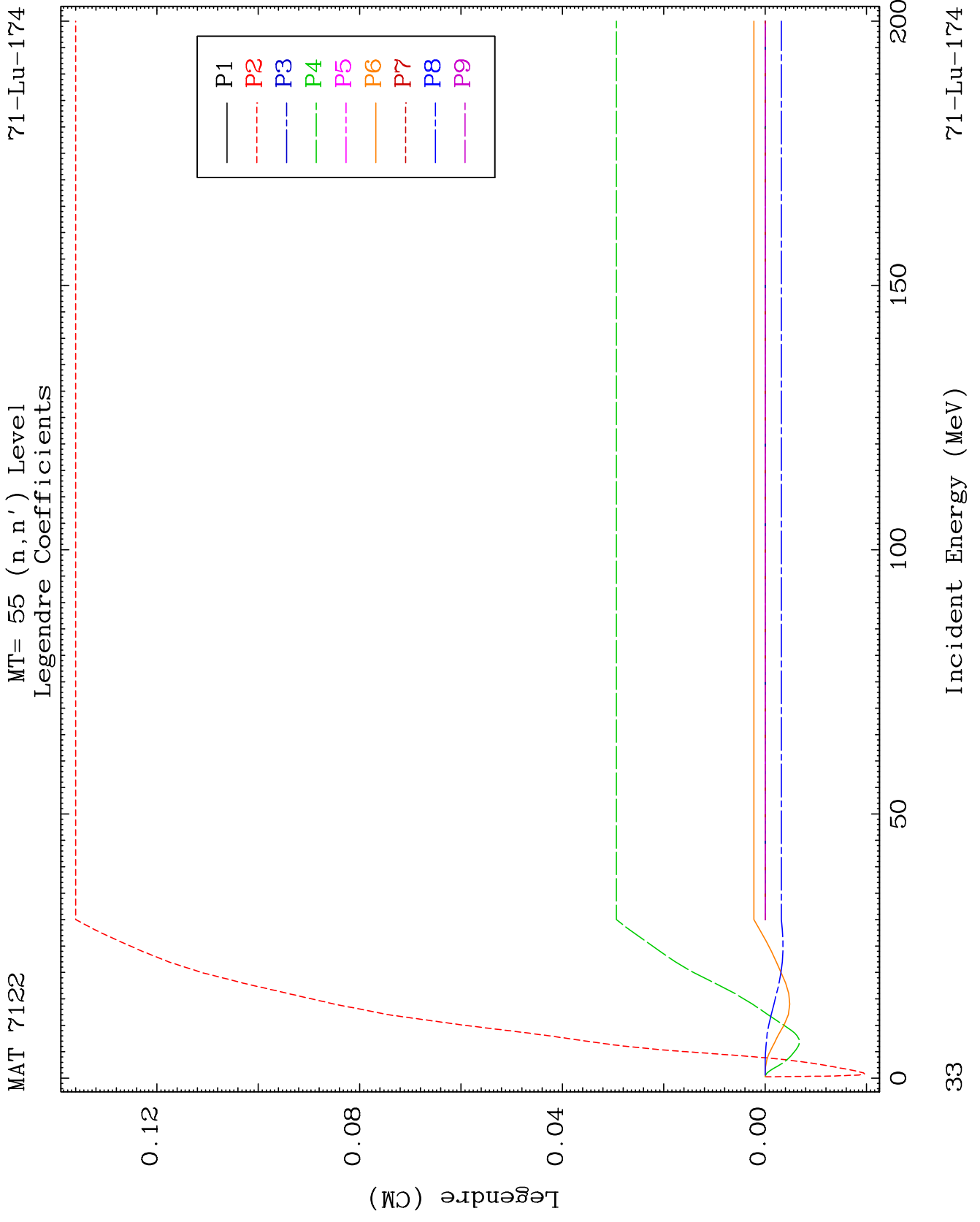
28

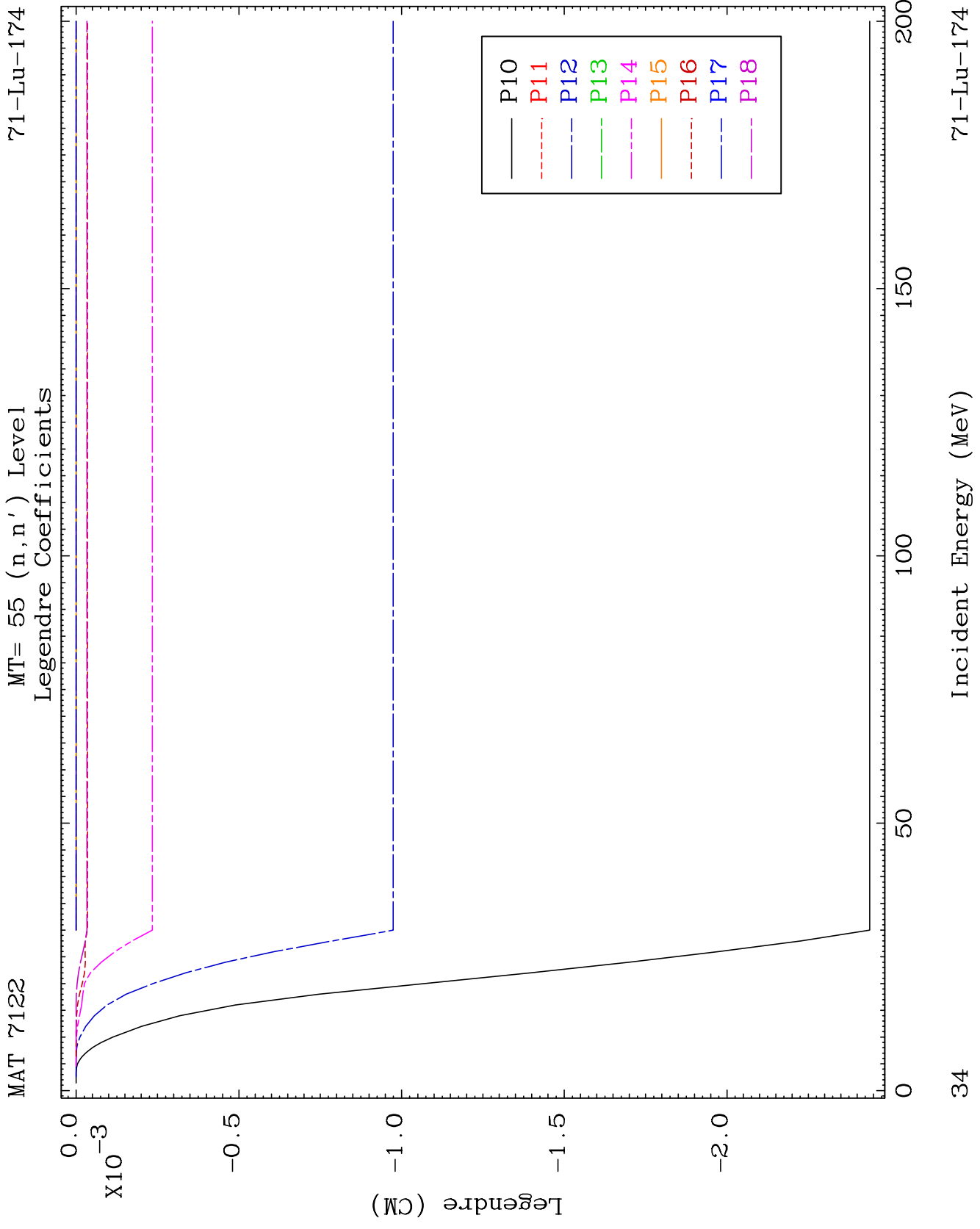
71-Lu-174

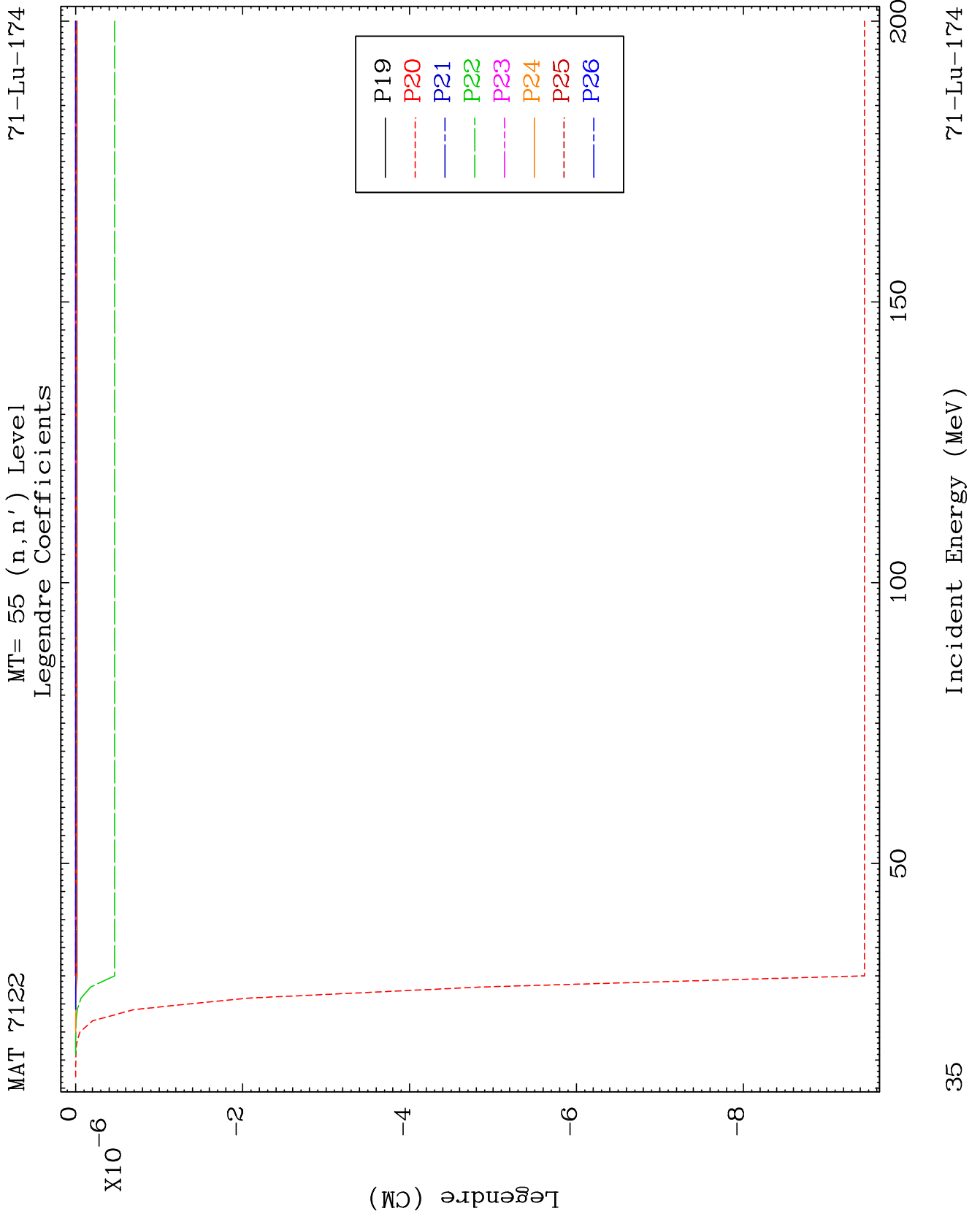


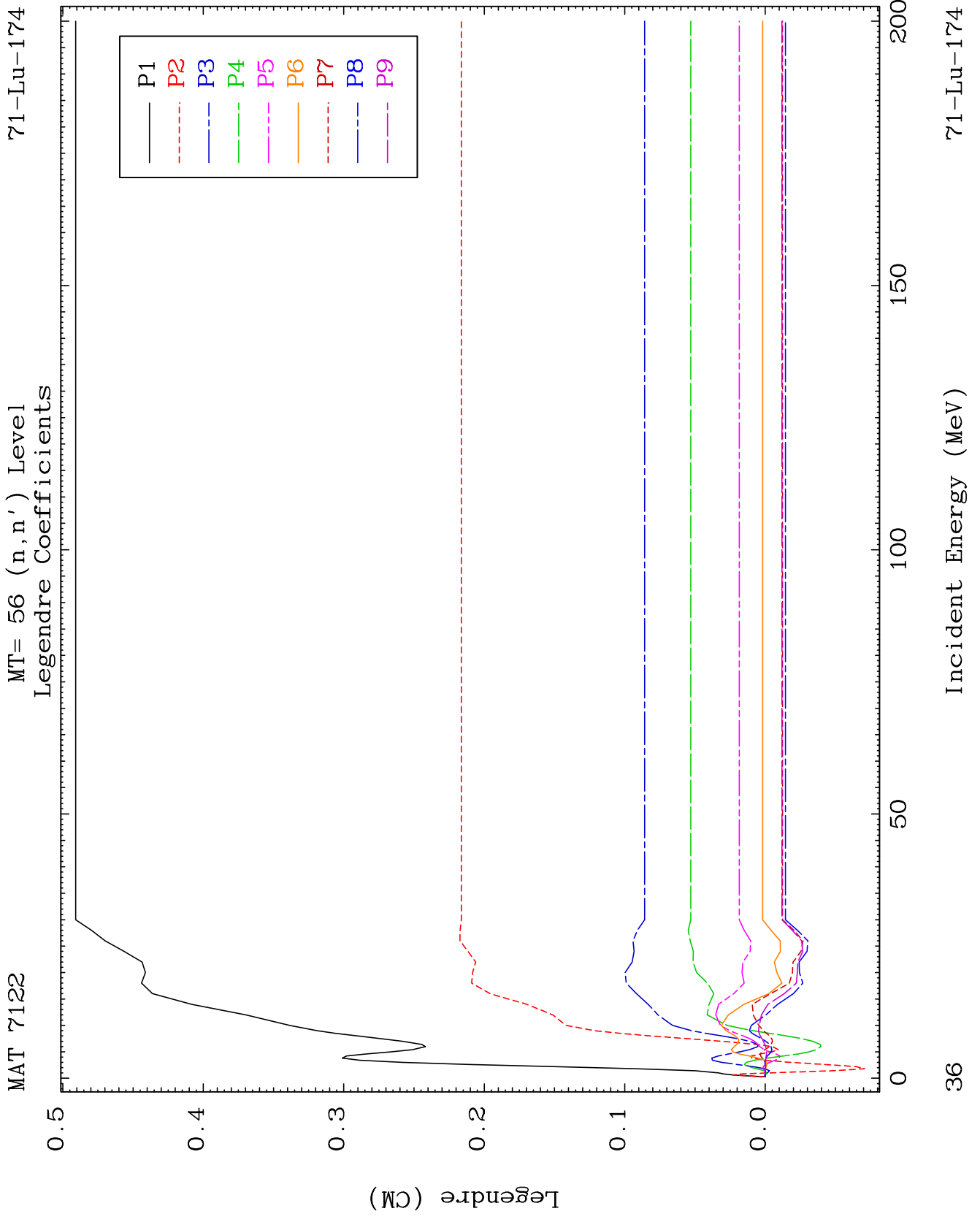








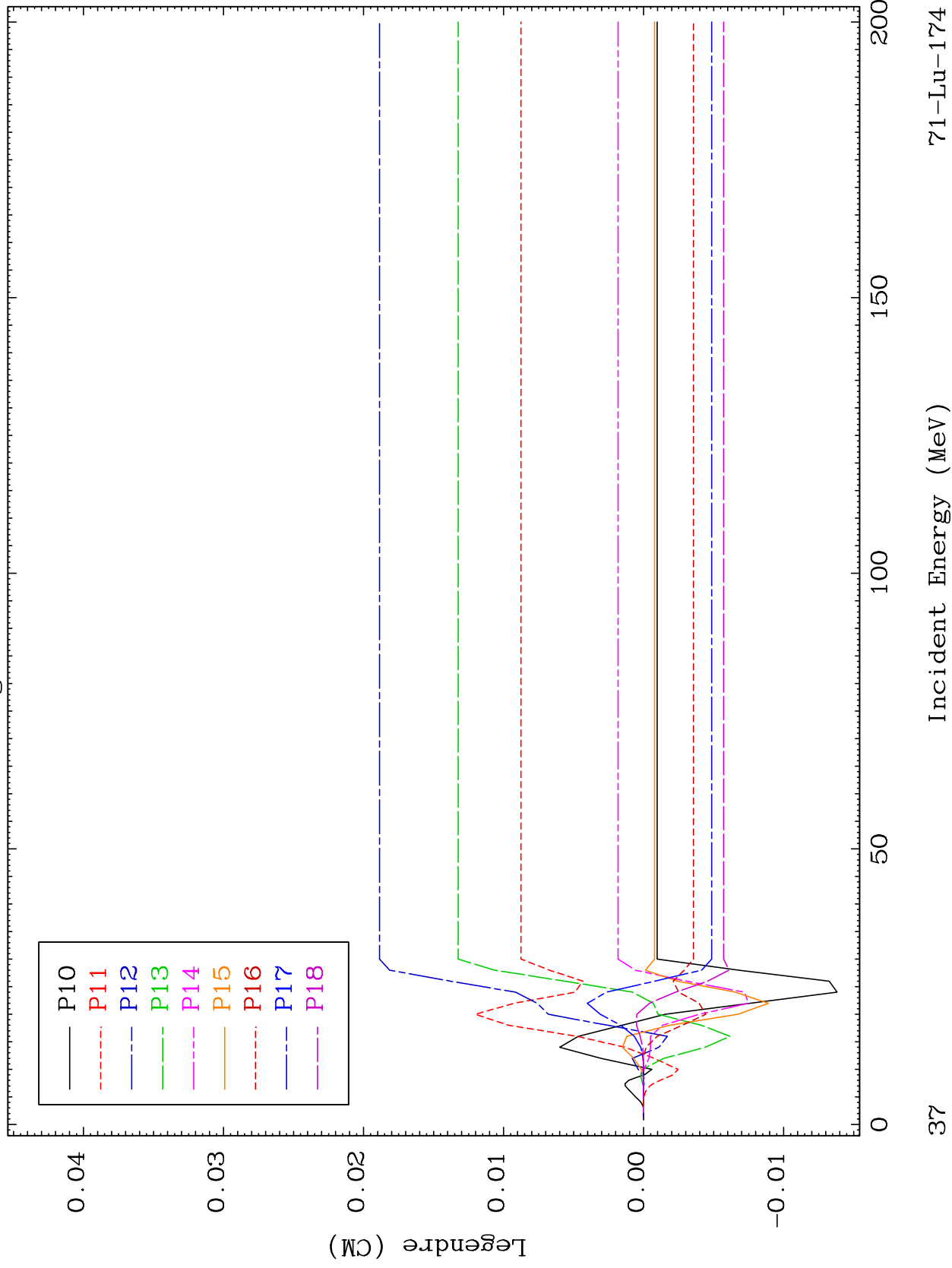




MAT 71222

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

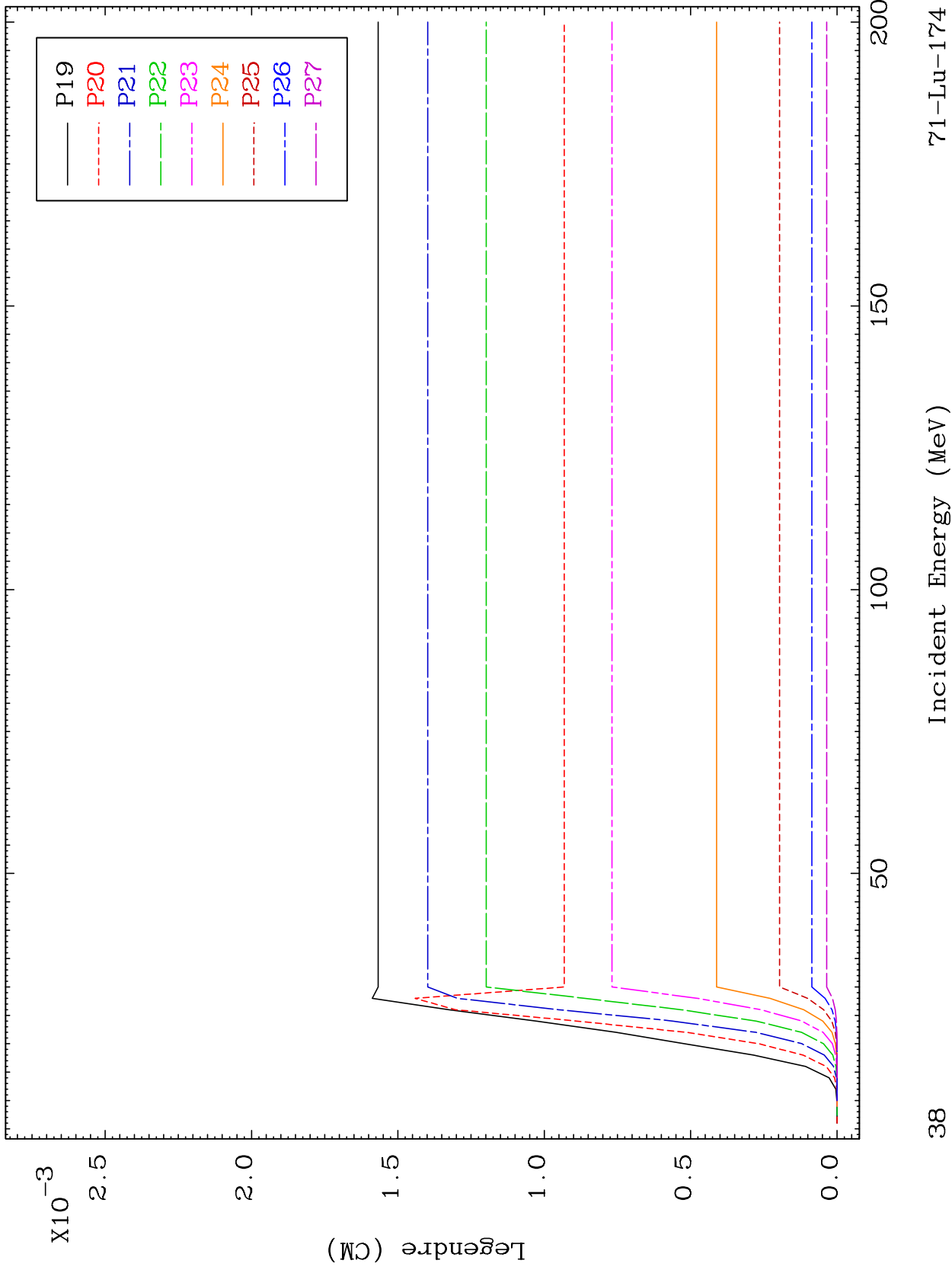
71-Lu-174



71-Lu-174

Incident Energy (MeV)

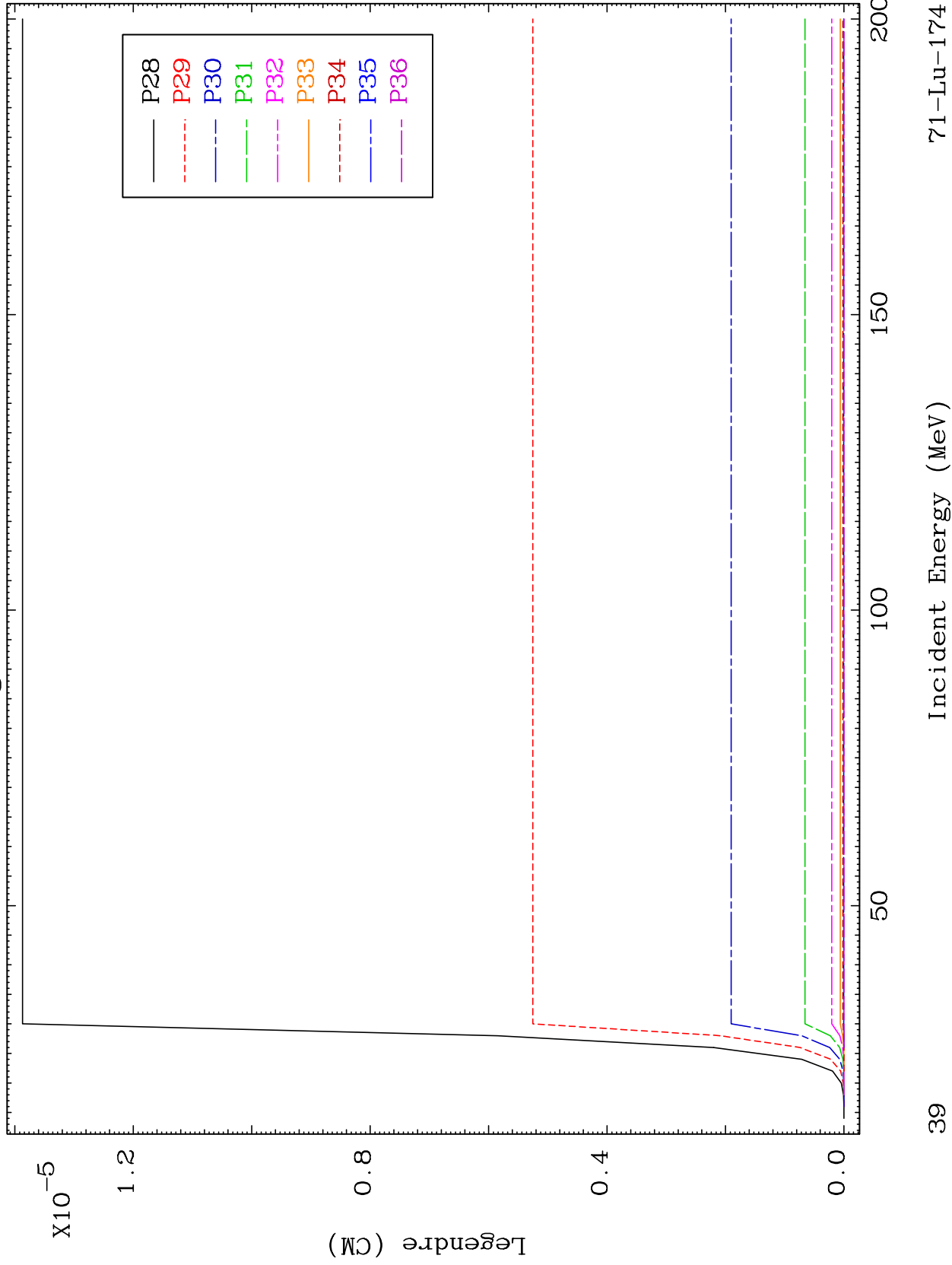
37

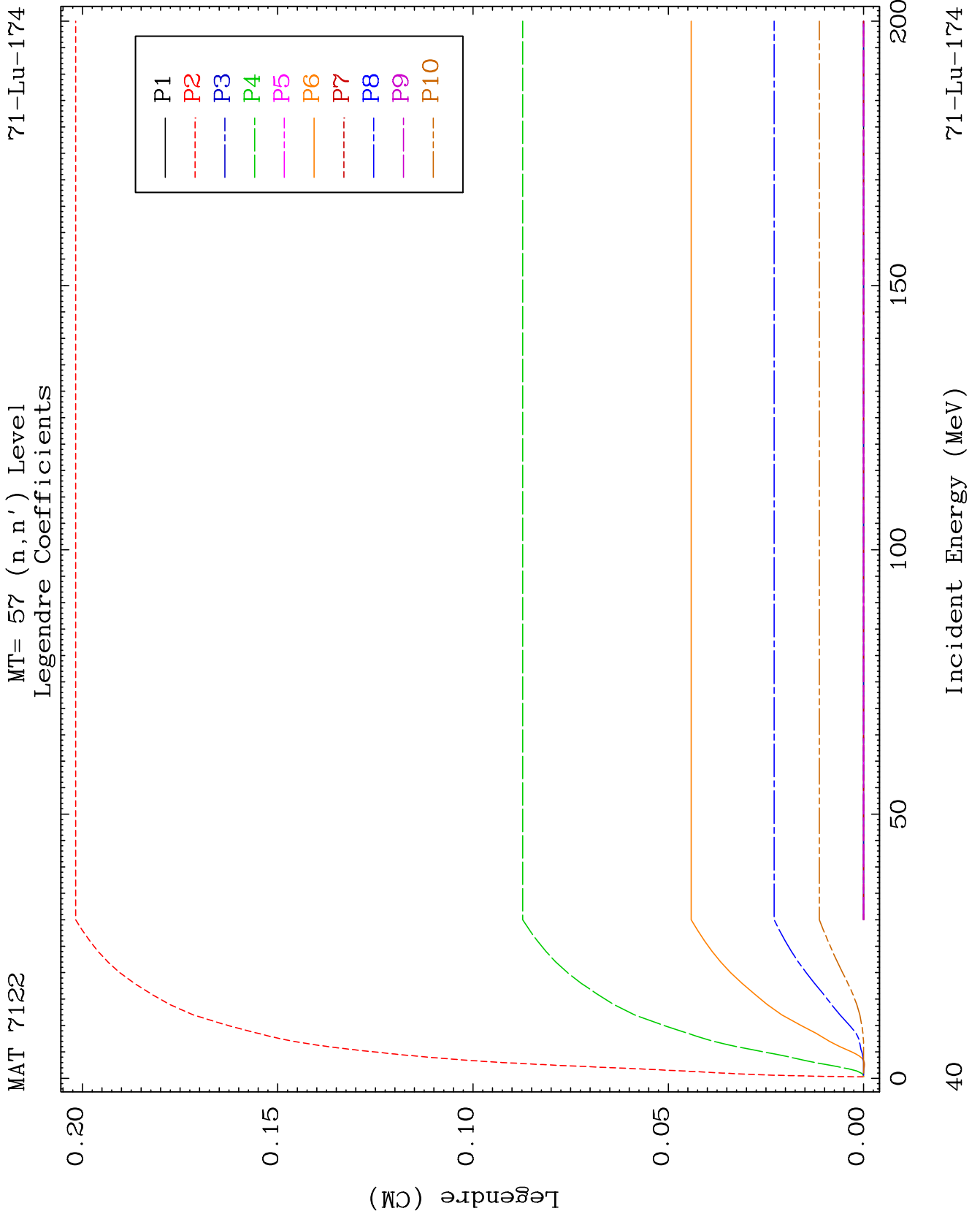


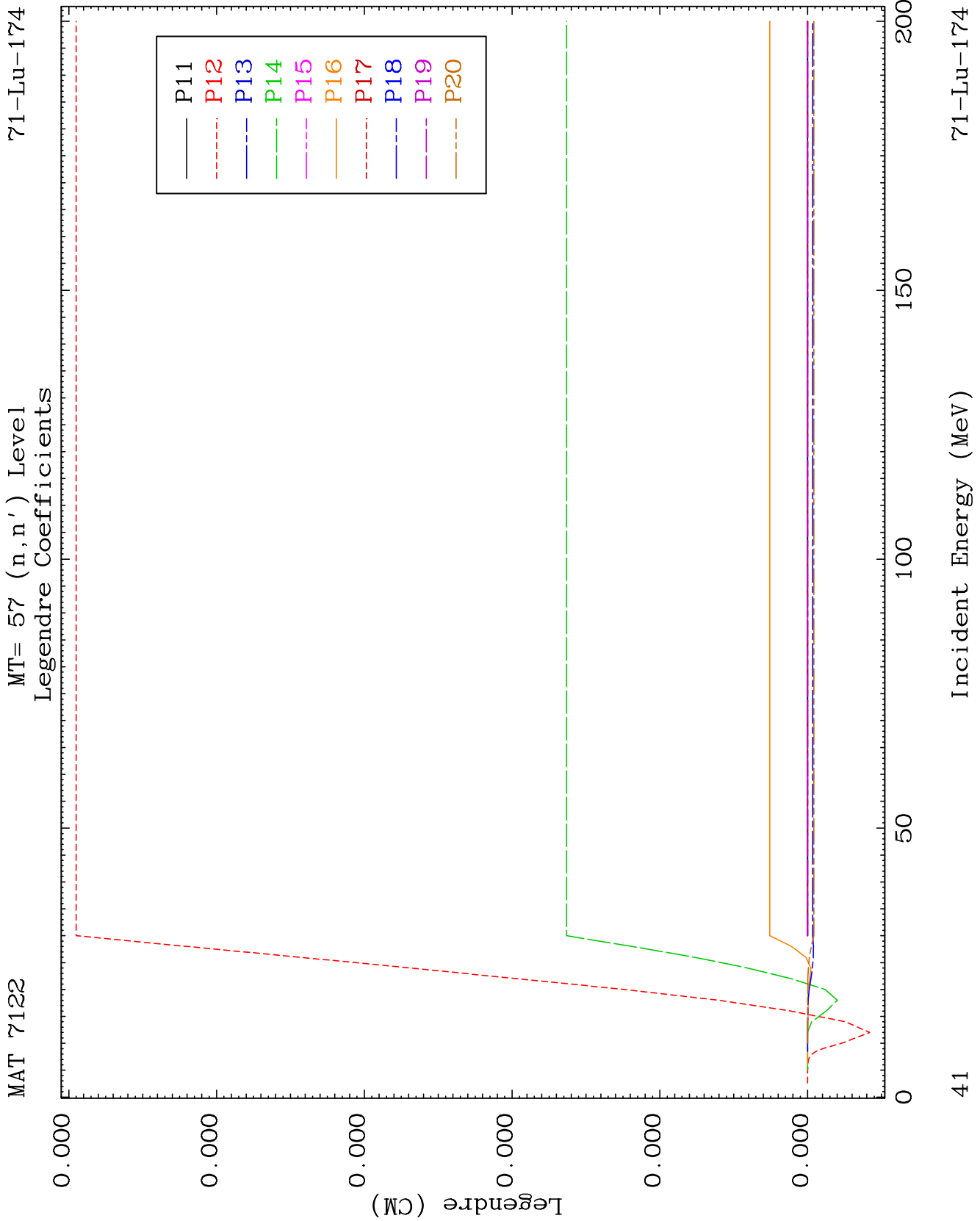
MAT 7122

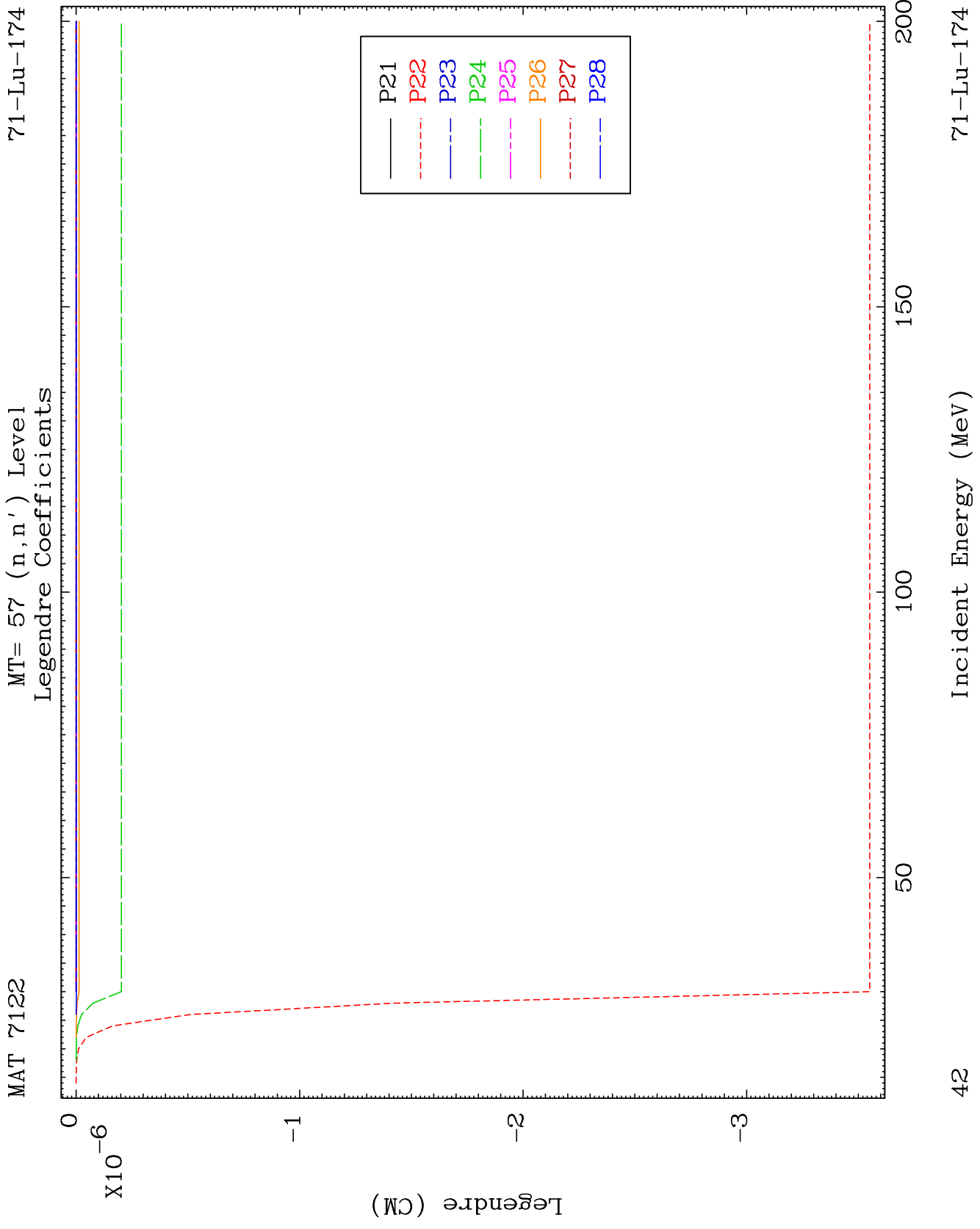
MT= 56 (n,n') Level
Legendre Coefficients

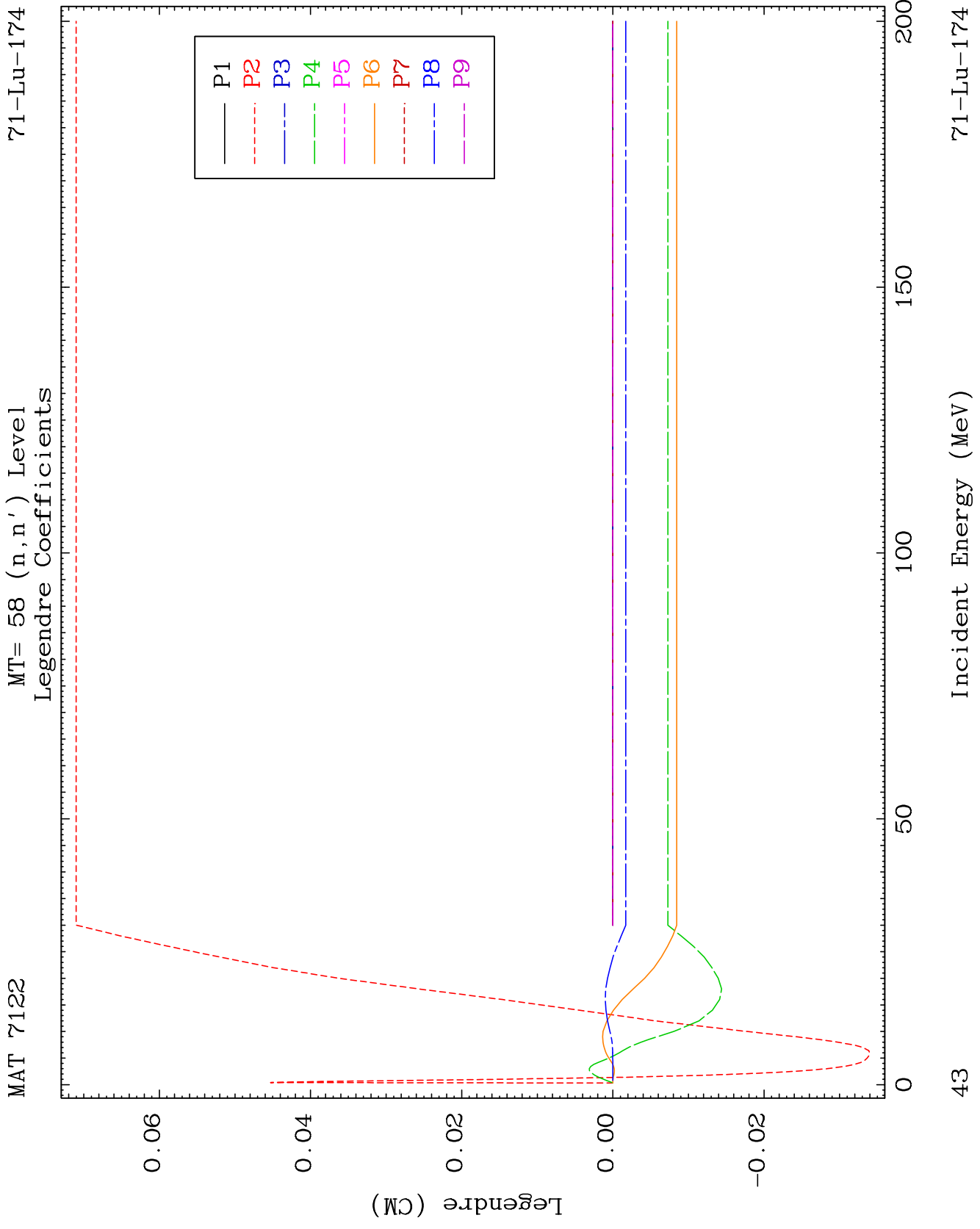
71-Lu-174







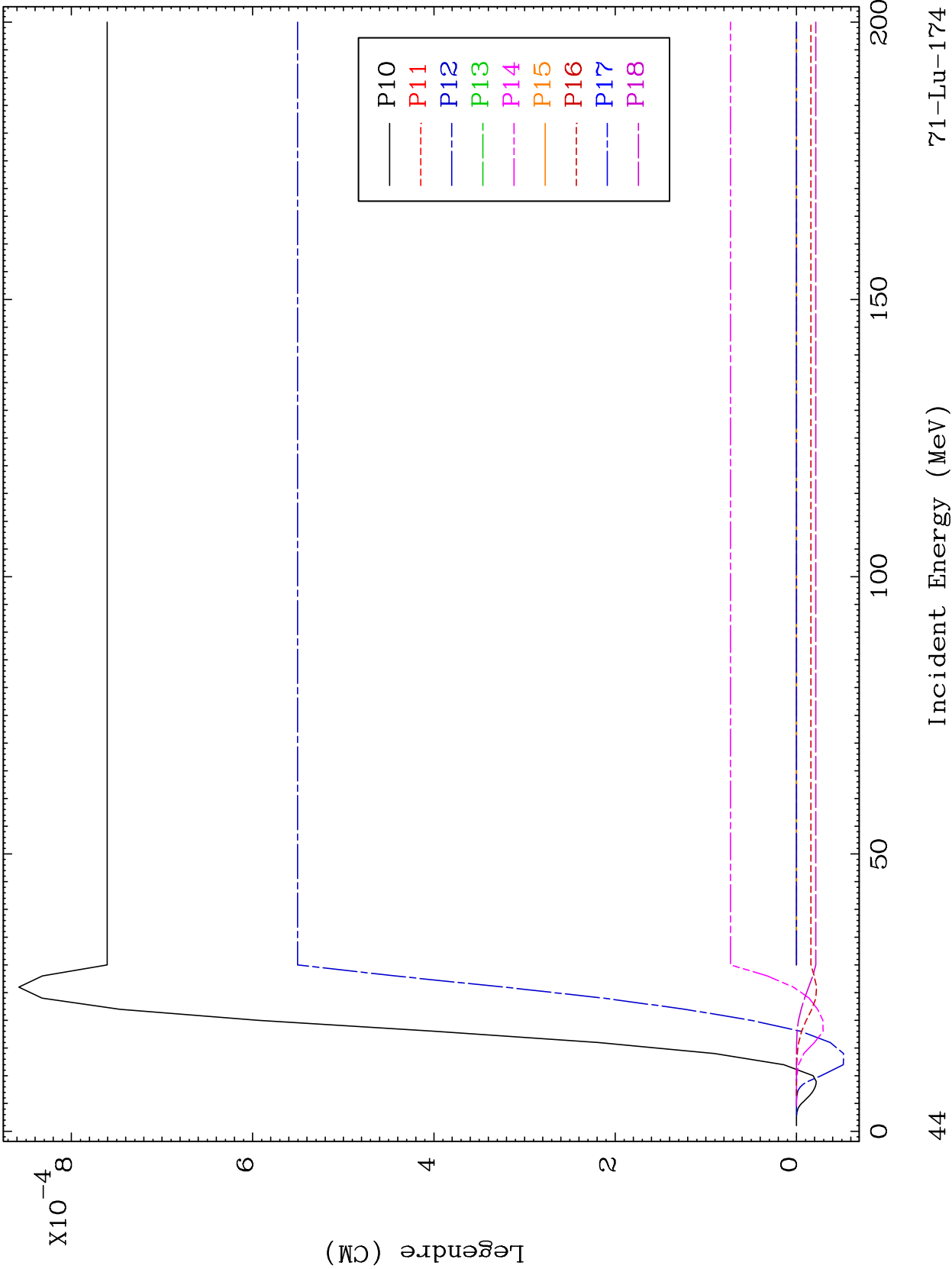




MAT 7122

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

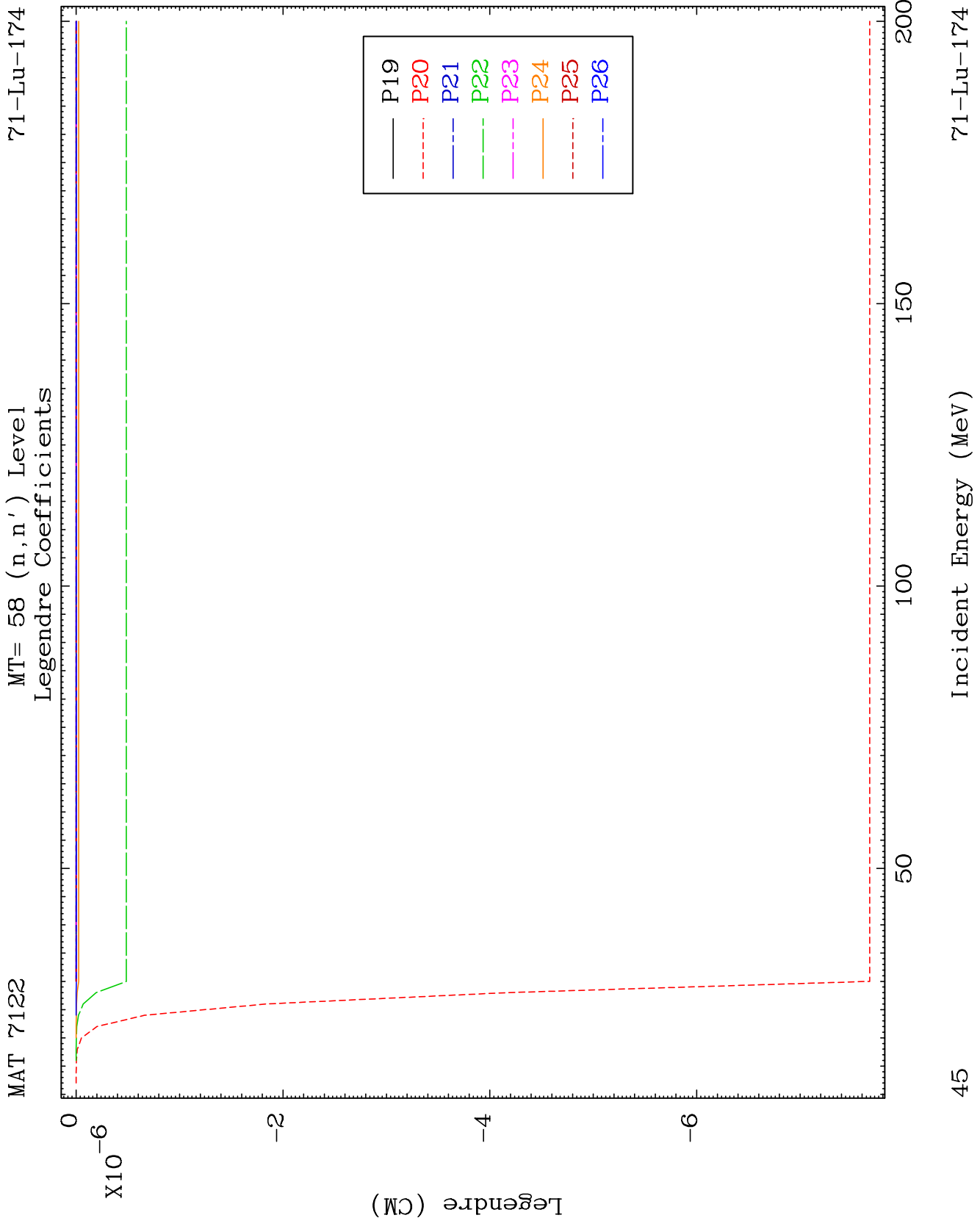
71-Lu-174



71-Lu-174

Incident Energy (MeV)

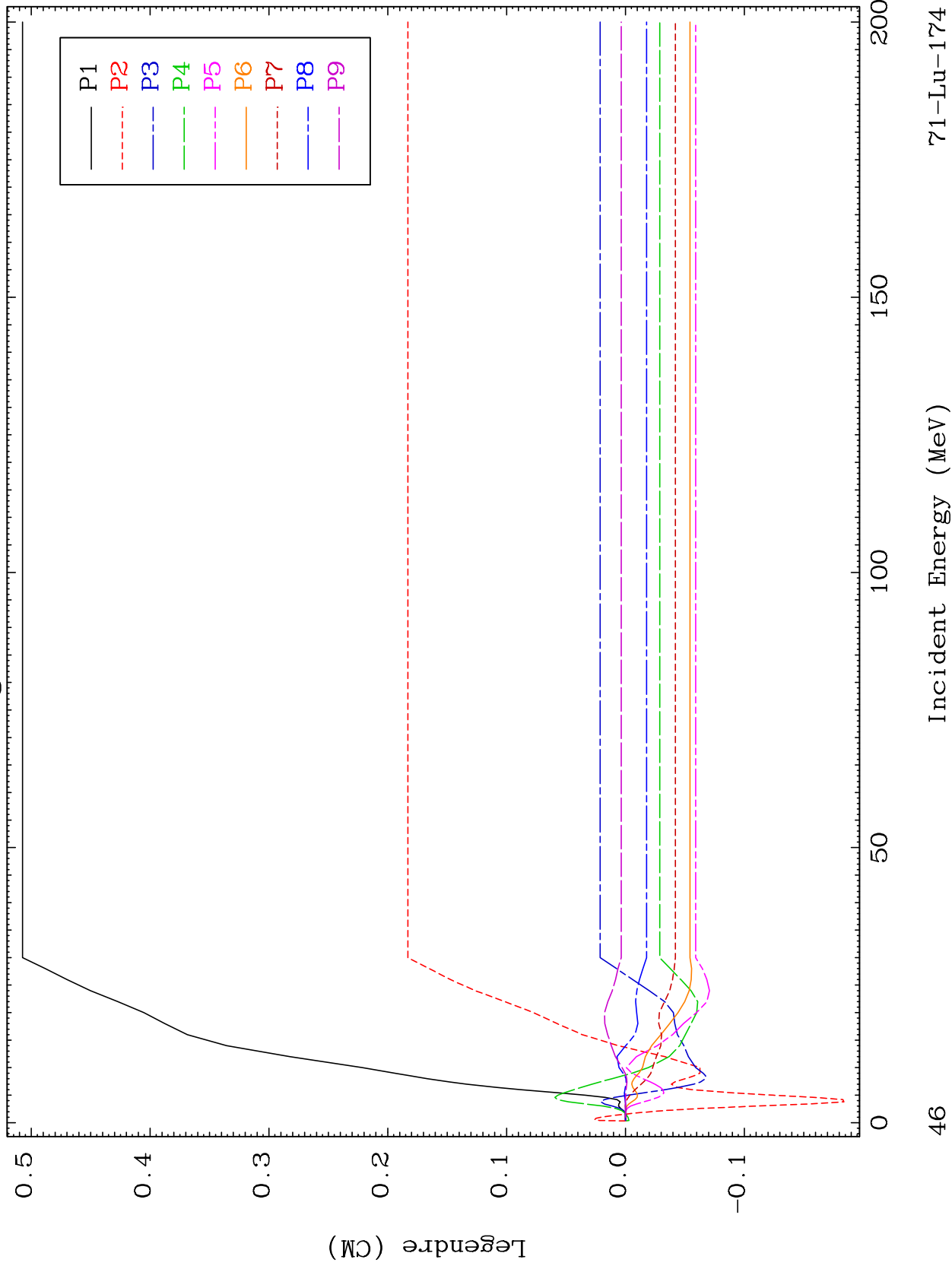
44



MAT 7122

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

71-Lu-174



71-Lu-174

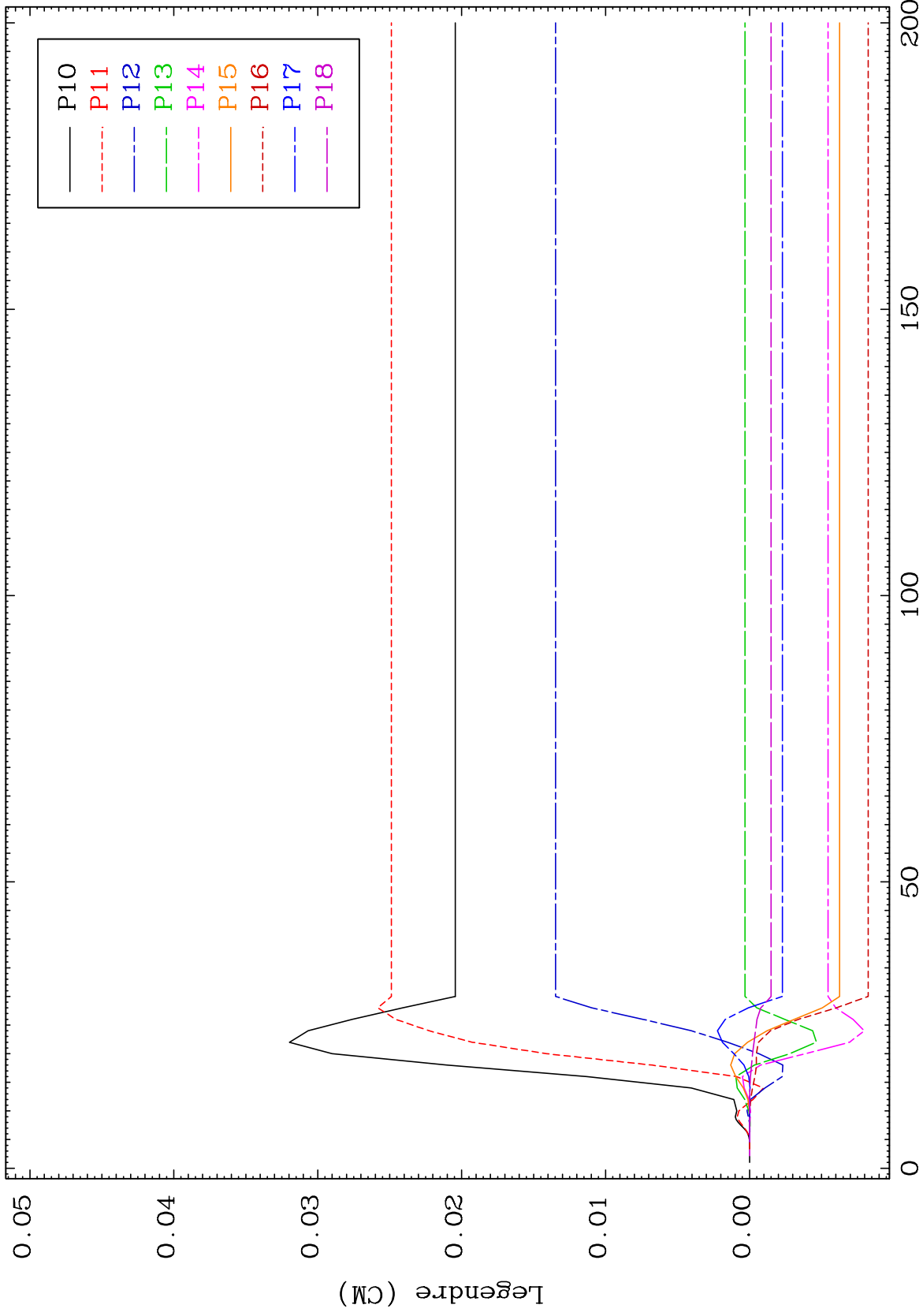
Incident Energy (MeV)

46

MAT 7122

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

71-Lu-174



47

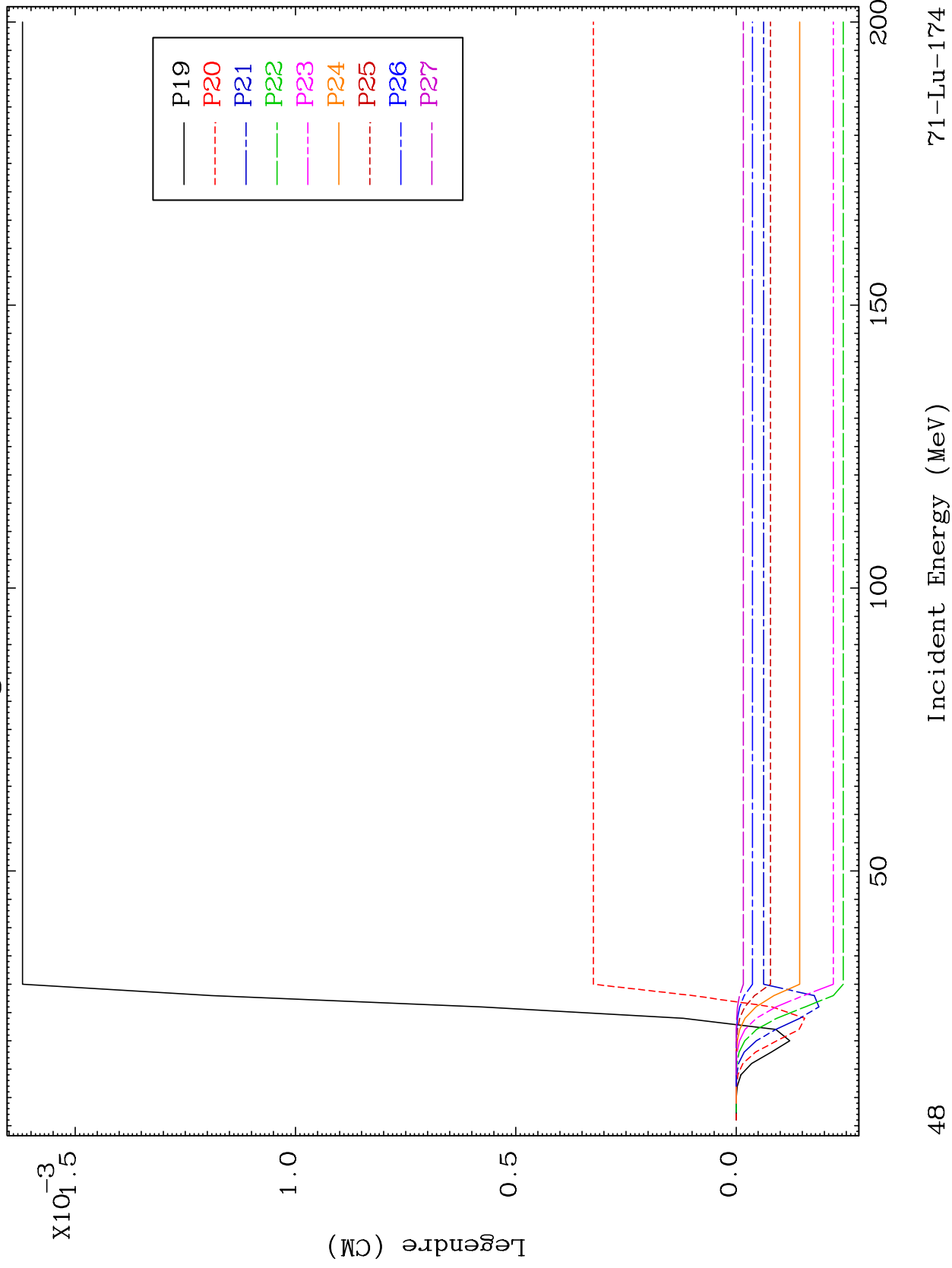
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

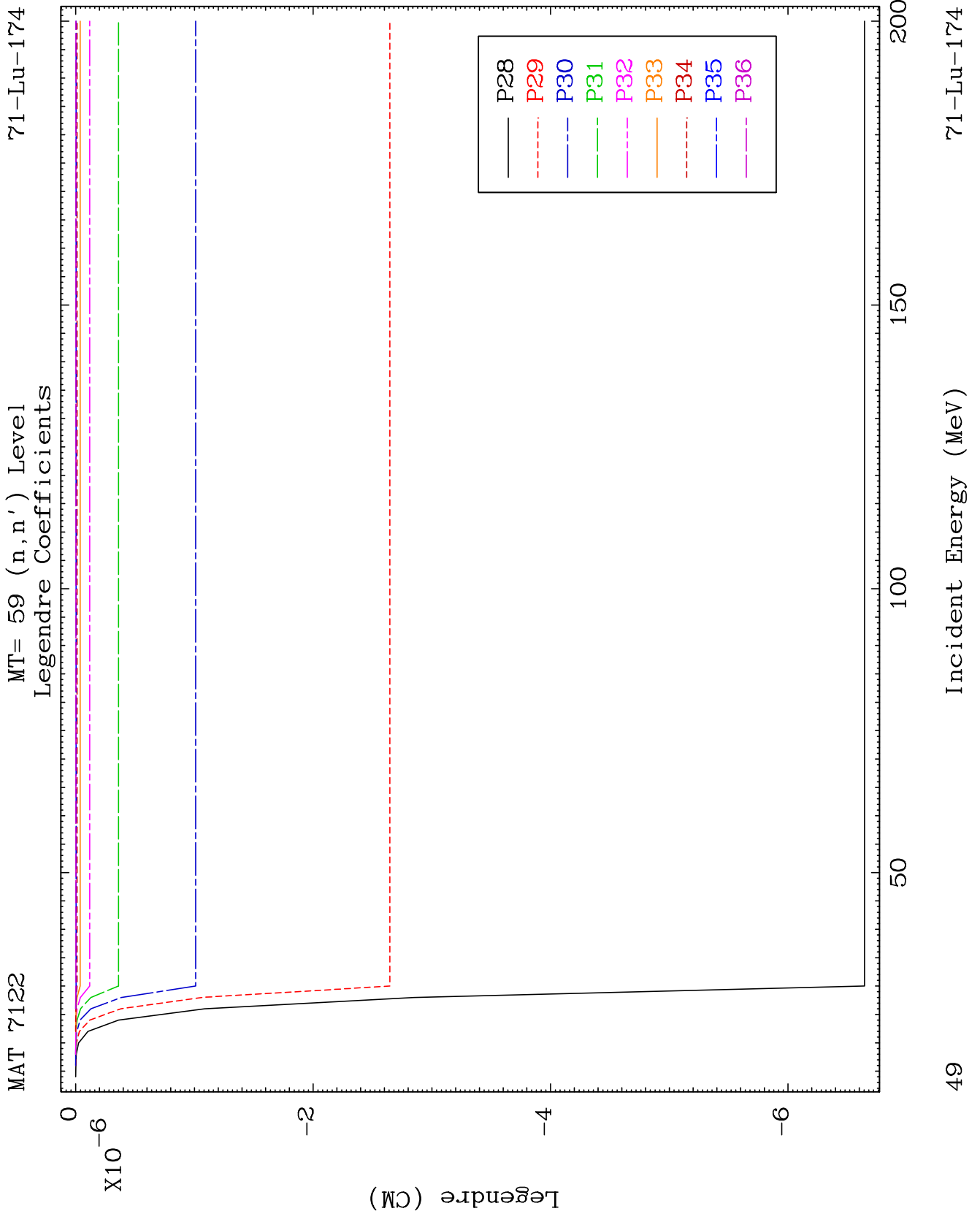
71-Lu-174



48

Incident Energy (MeV)

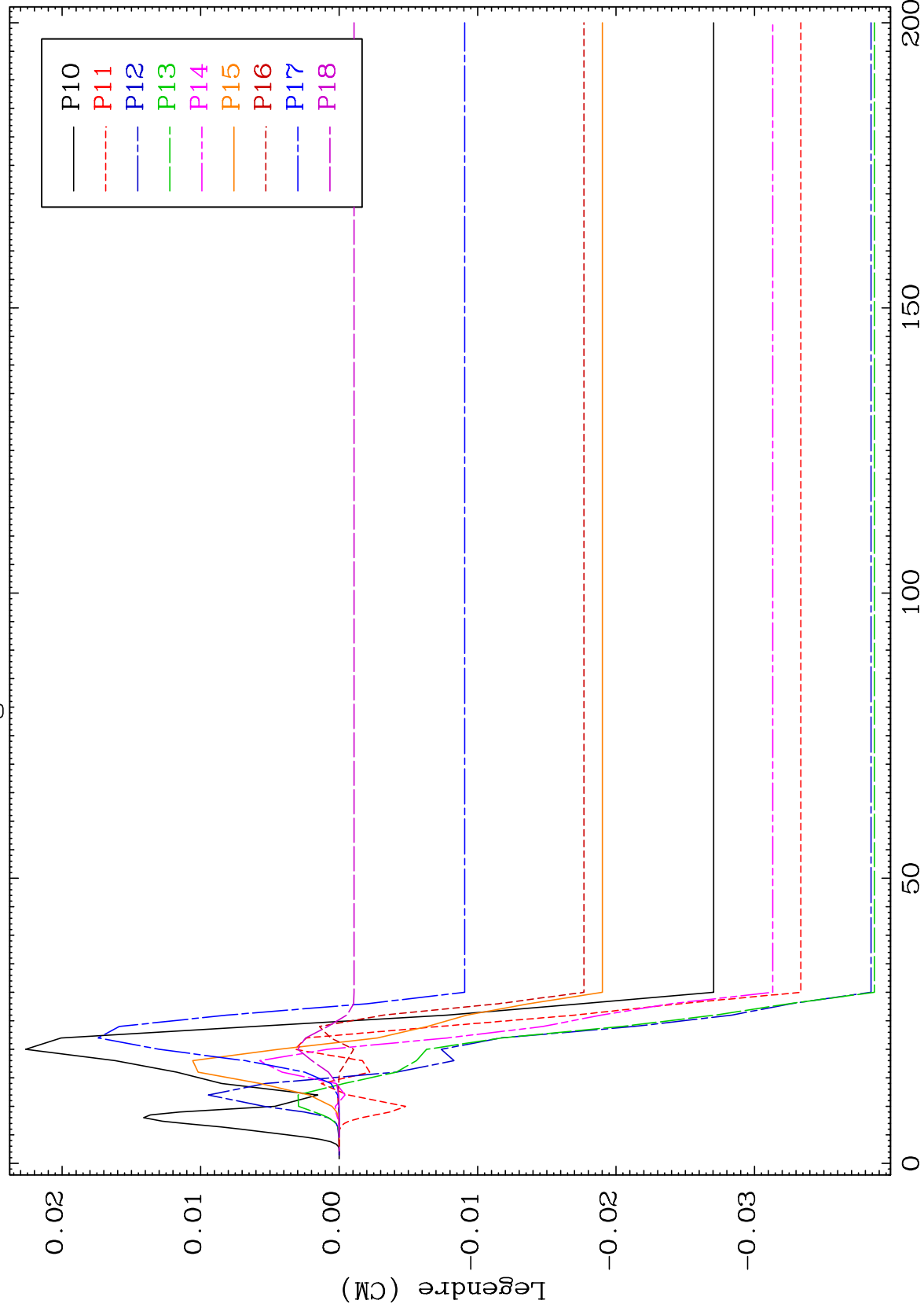
71-Lu-174



MAT 7122

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

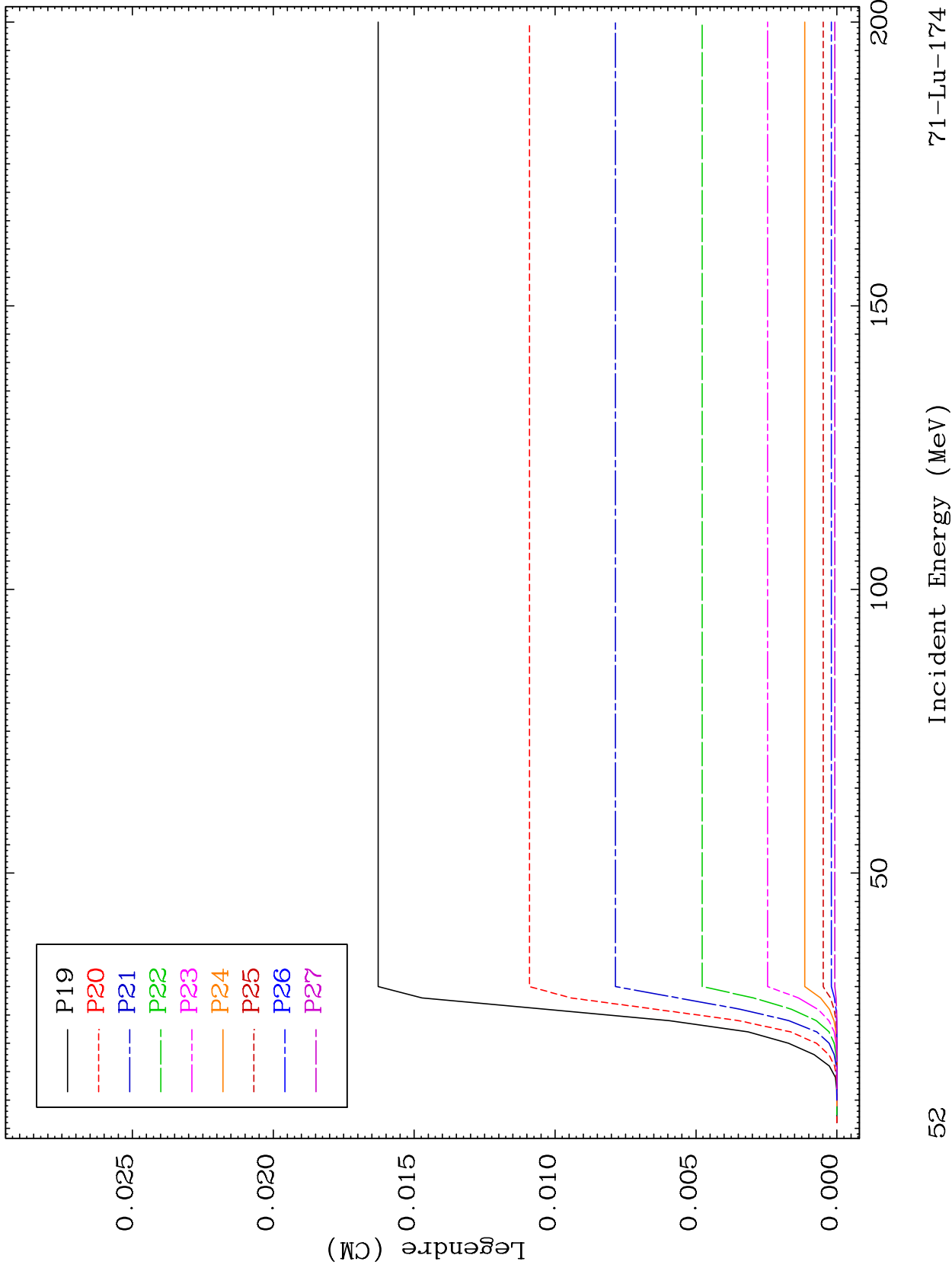
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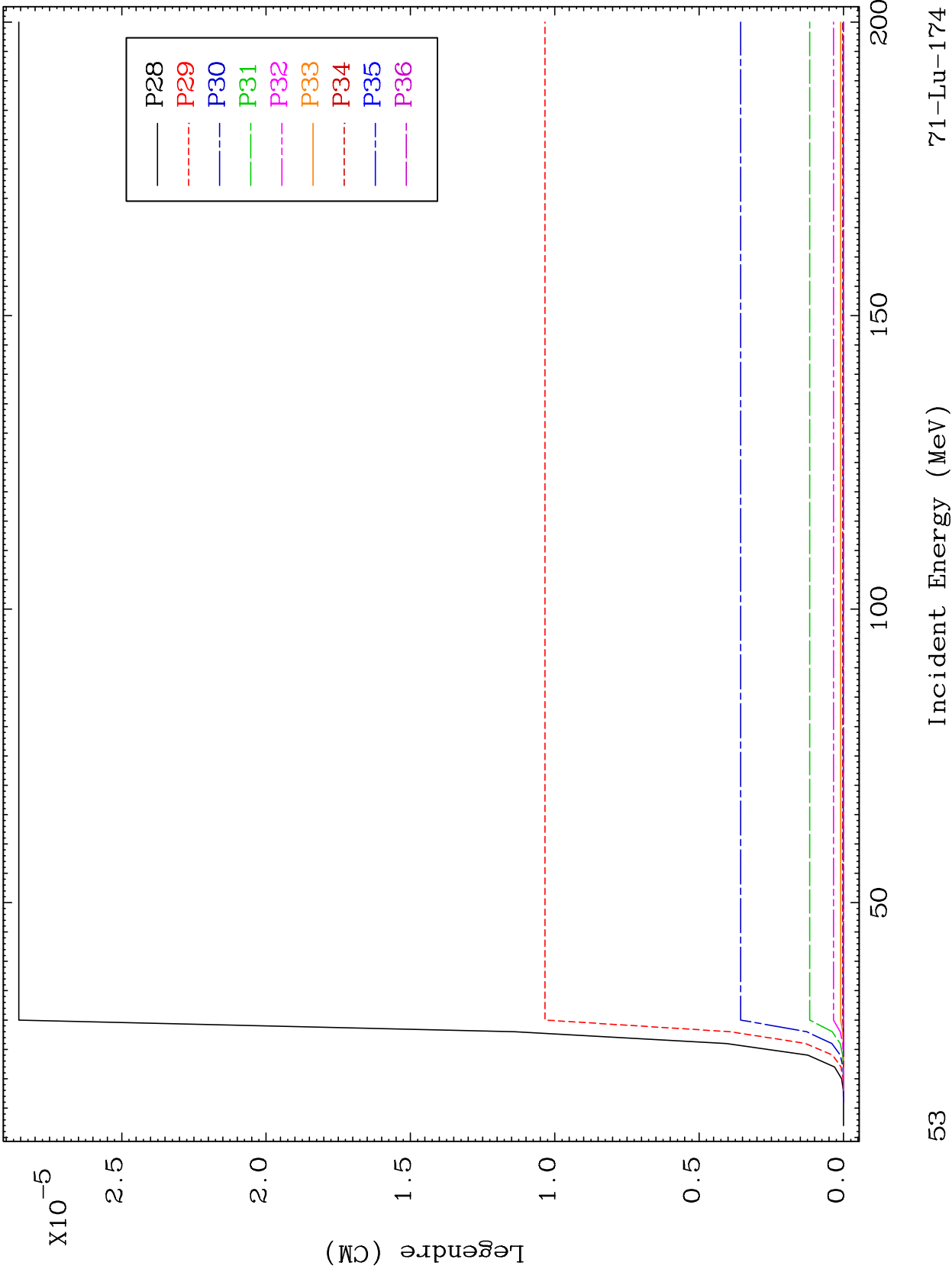


51

Incident Energy (MeV)

71-Lu-174

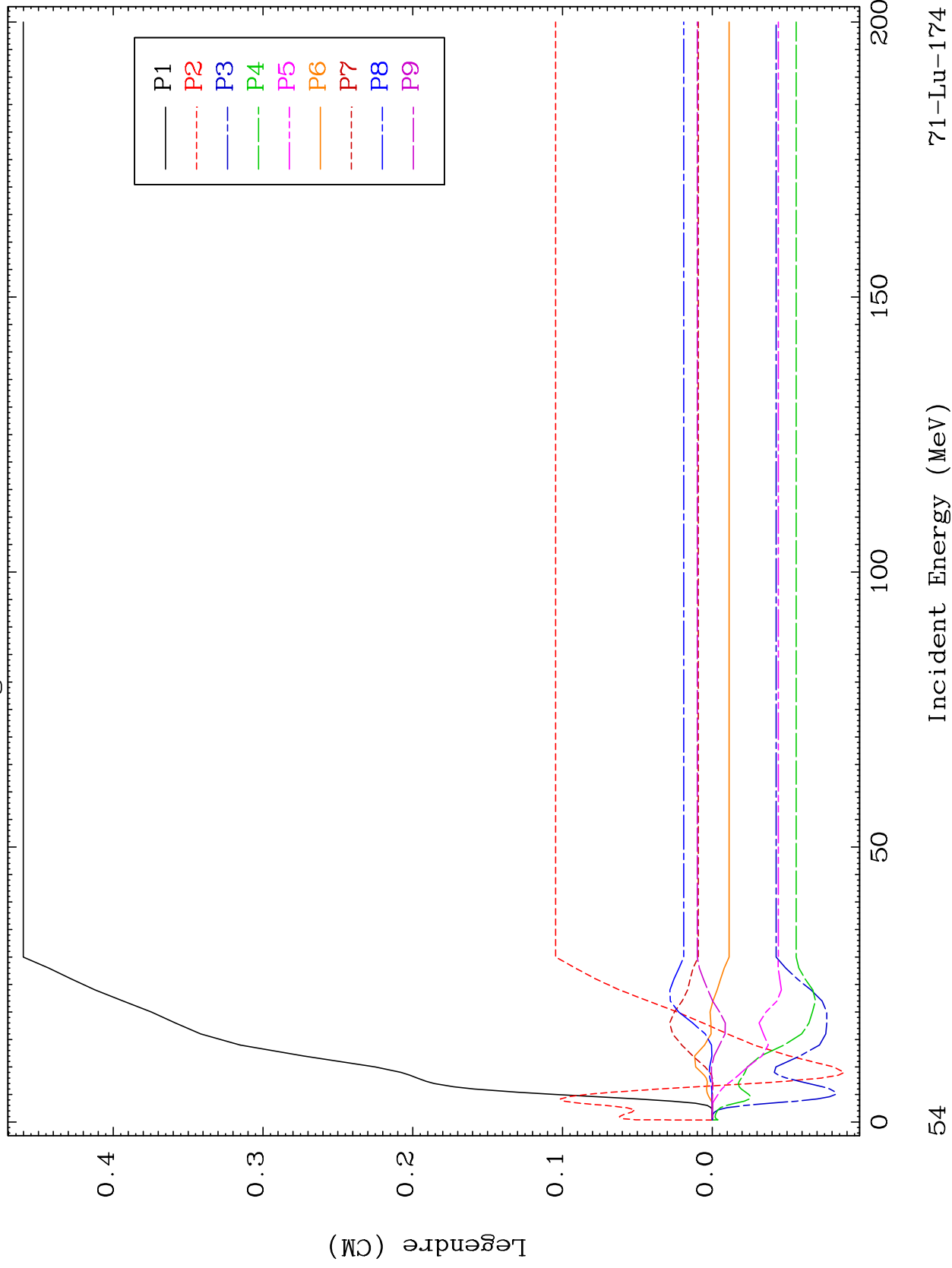




MAT 7122

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

71-Lu-174



71-Lu-174

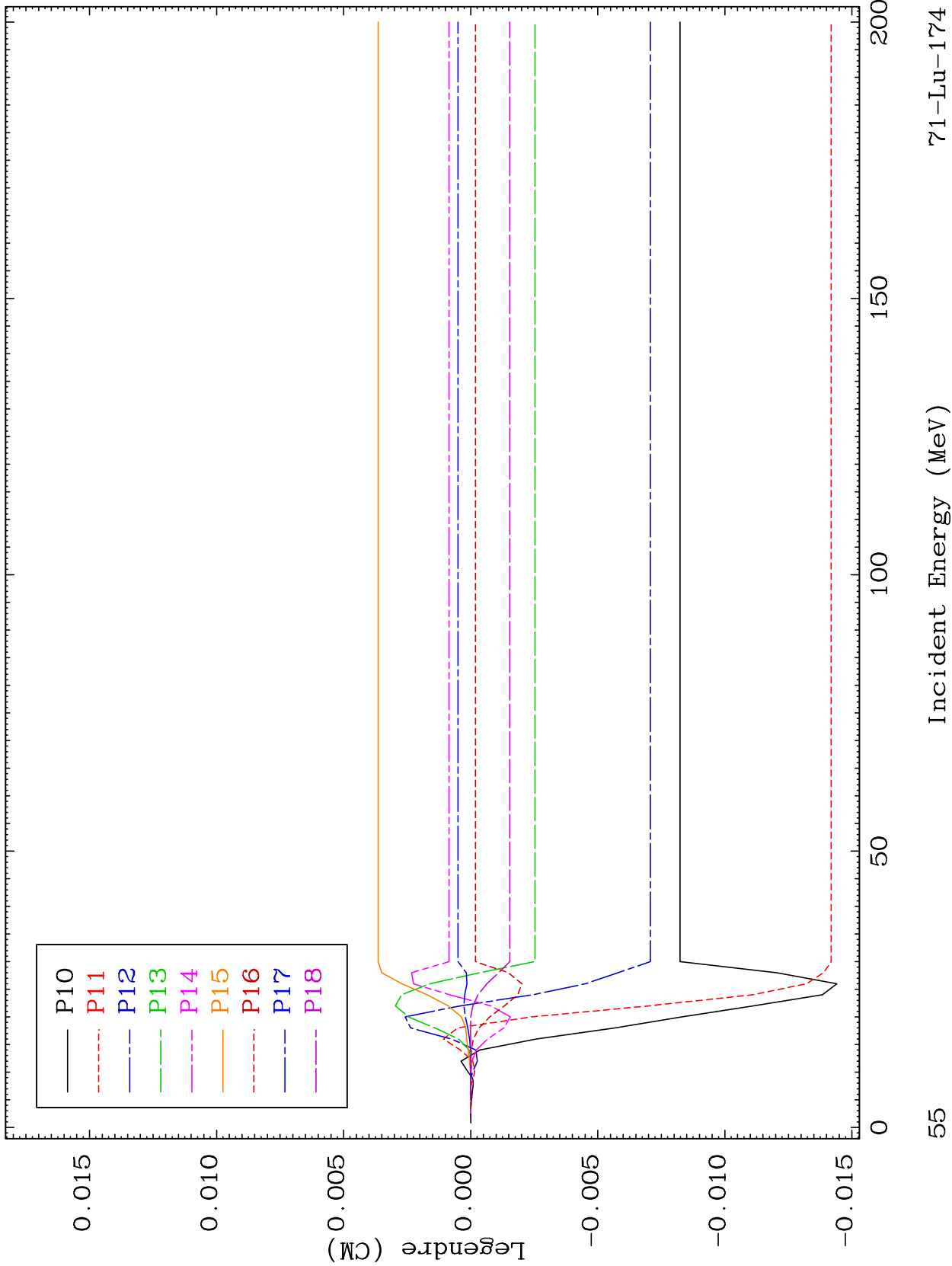
Incident Energy (MeV)

54

MAT 7122

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

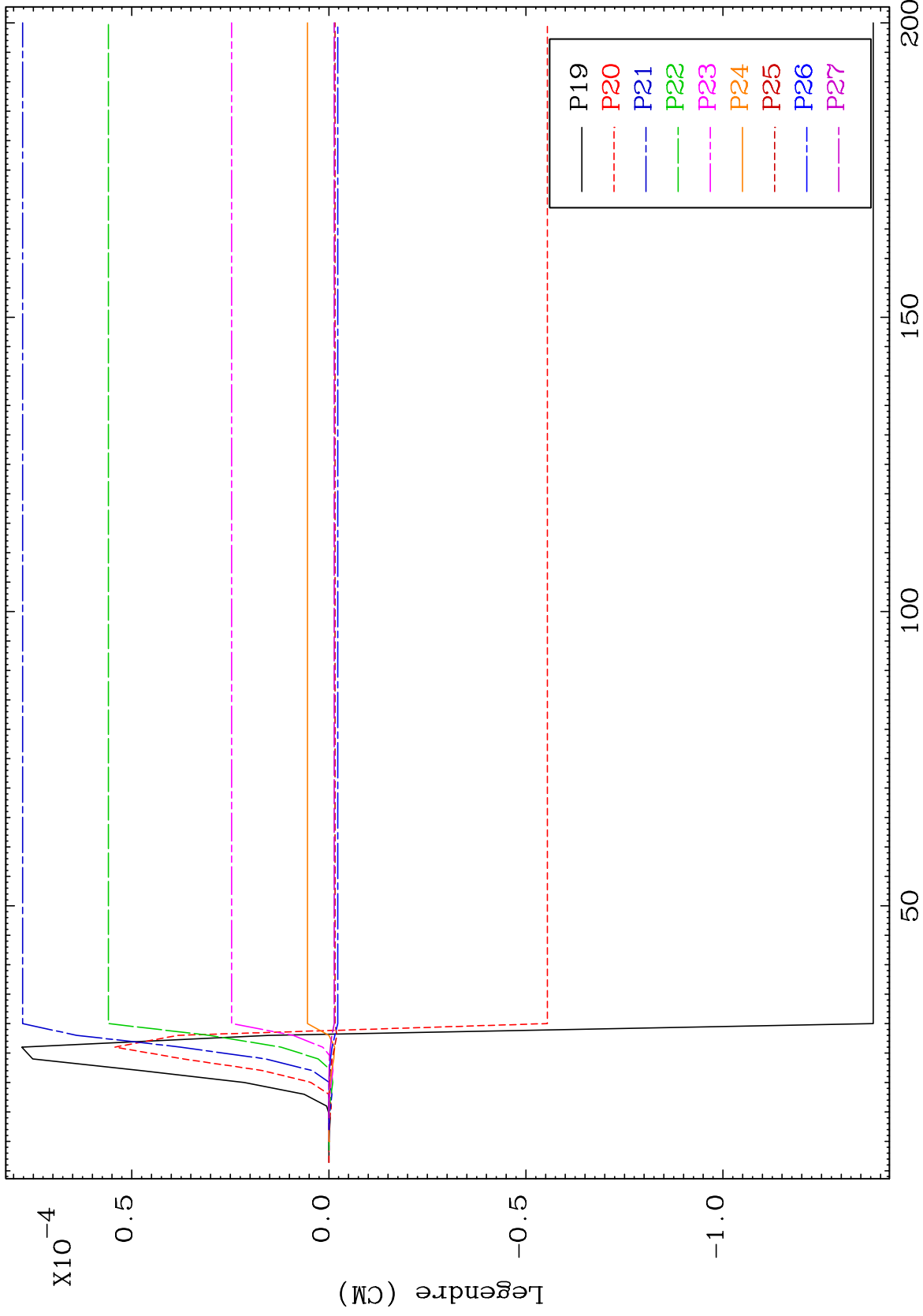
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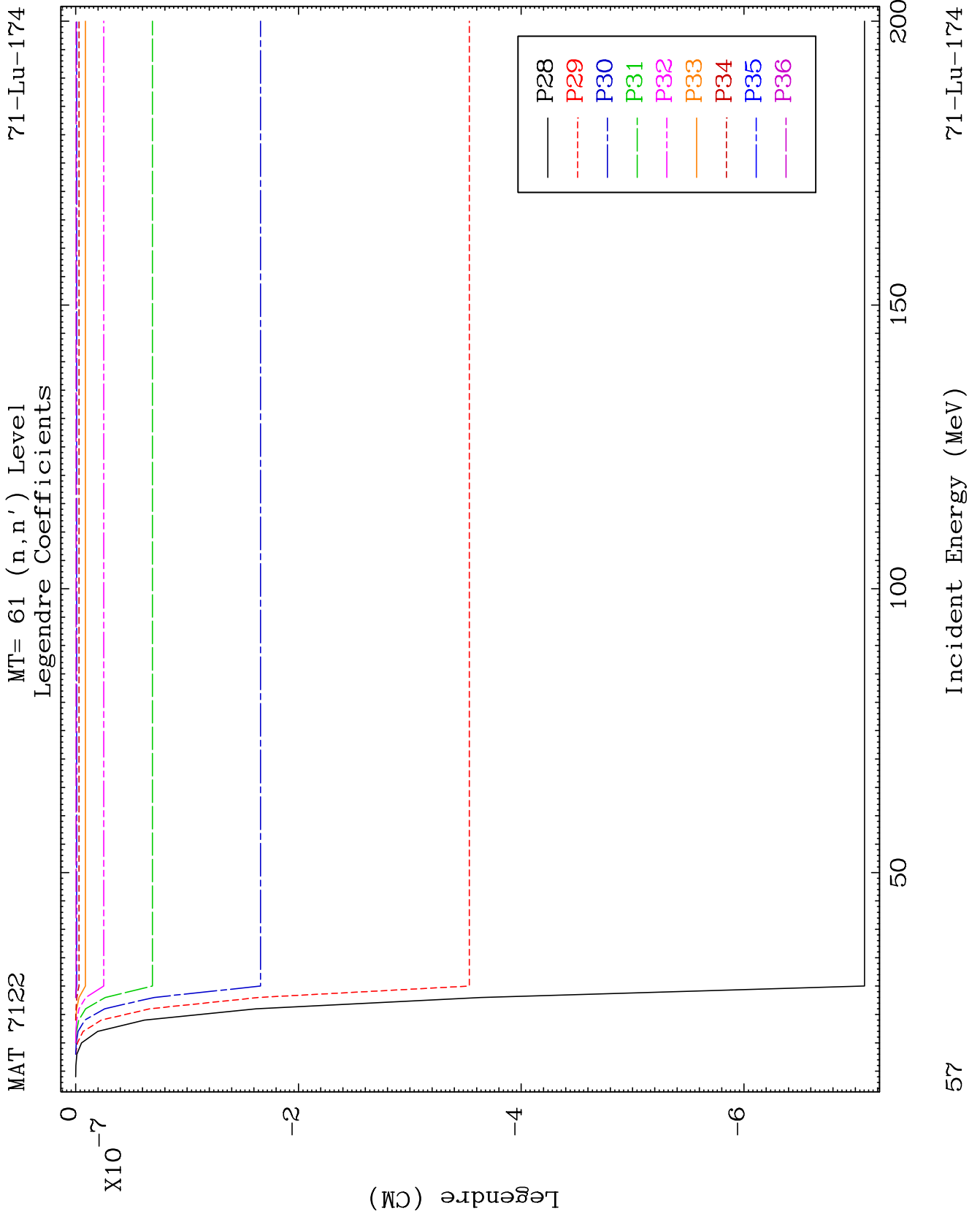


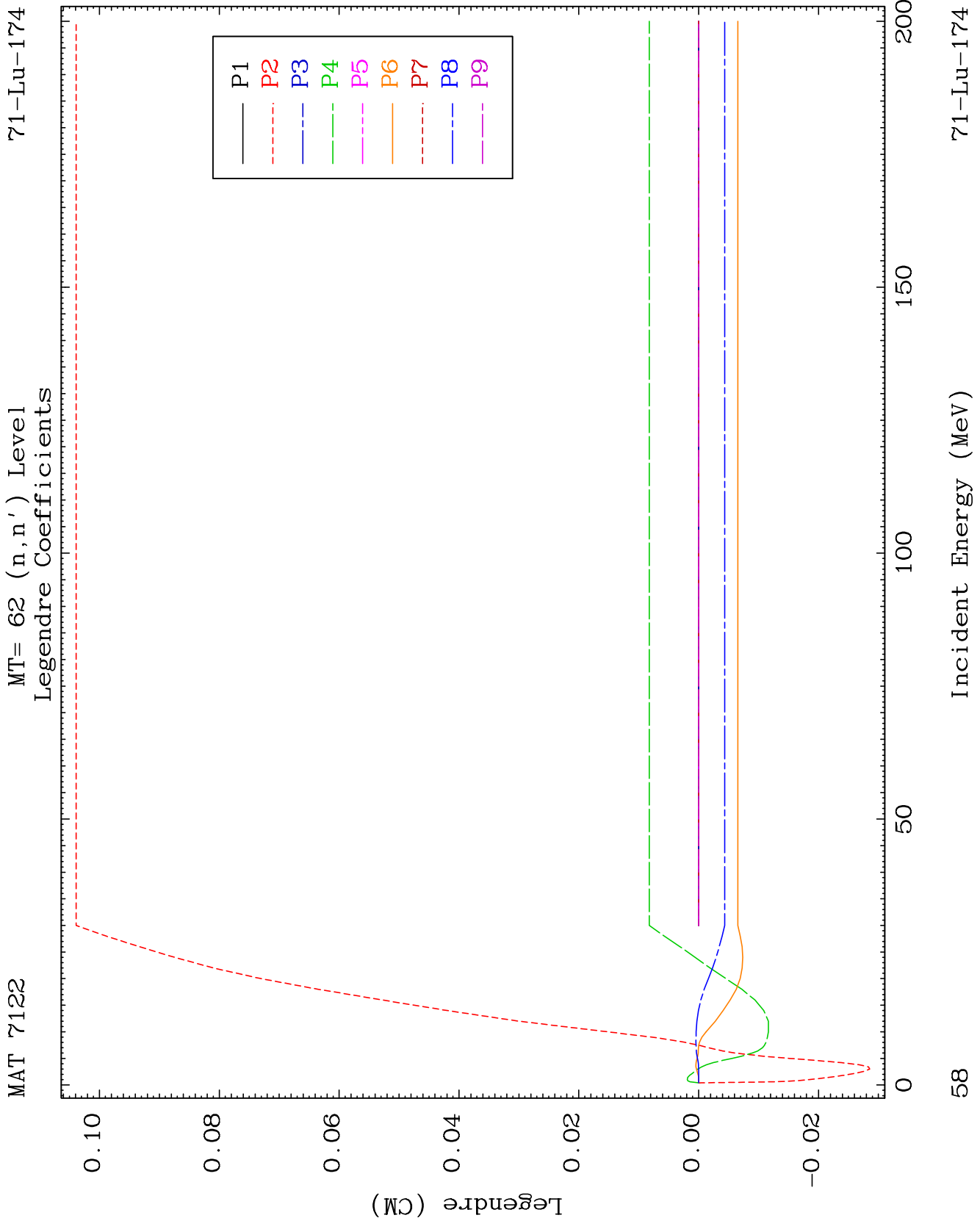
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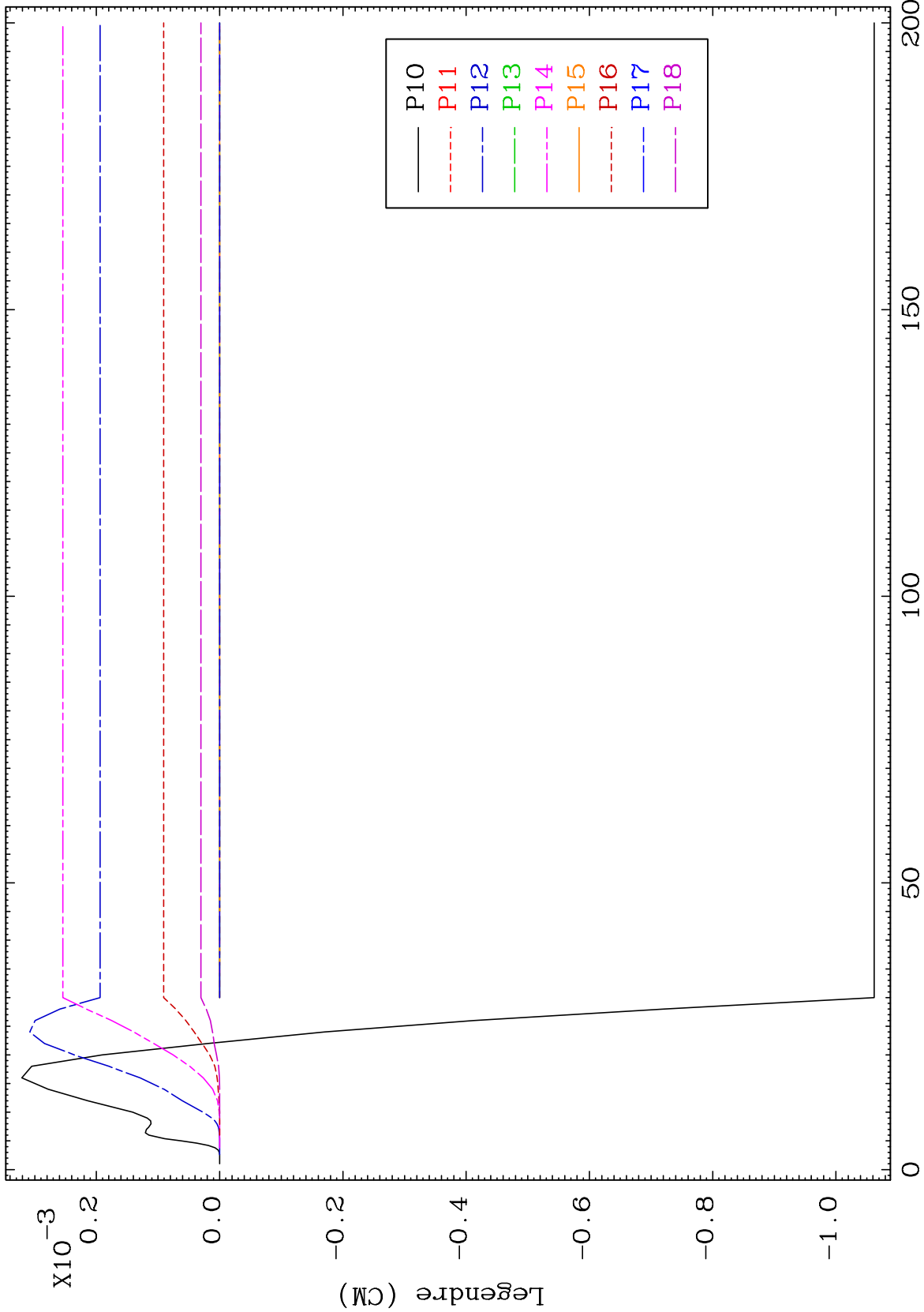
Incident Energy (MeV)

71-Lu-174





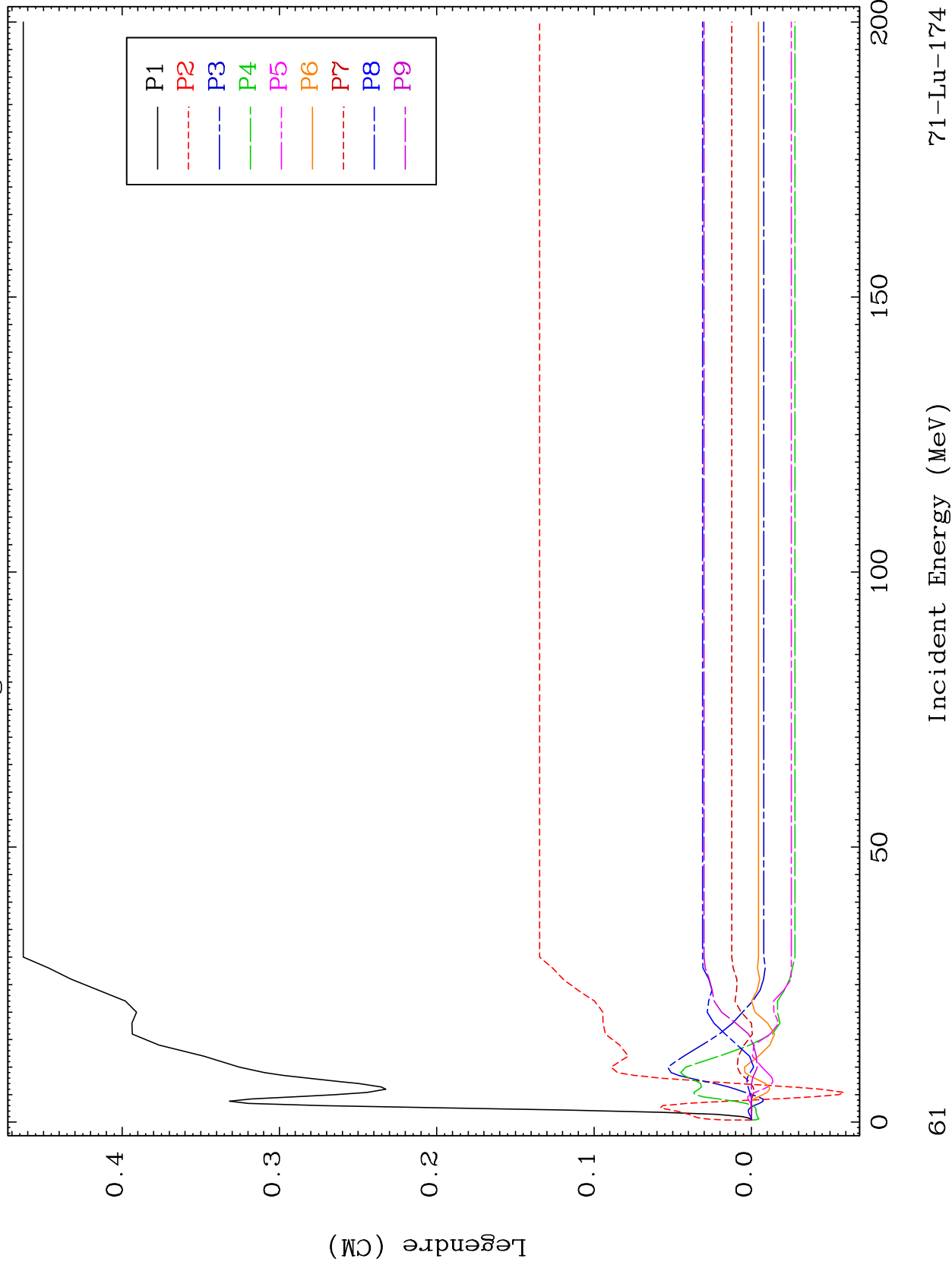




MAT 7122

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

71-Lu-174



71-Lu-174

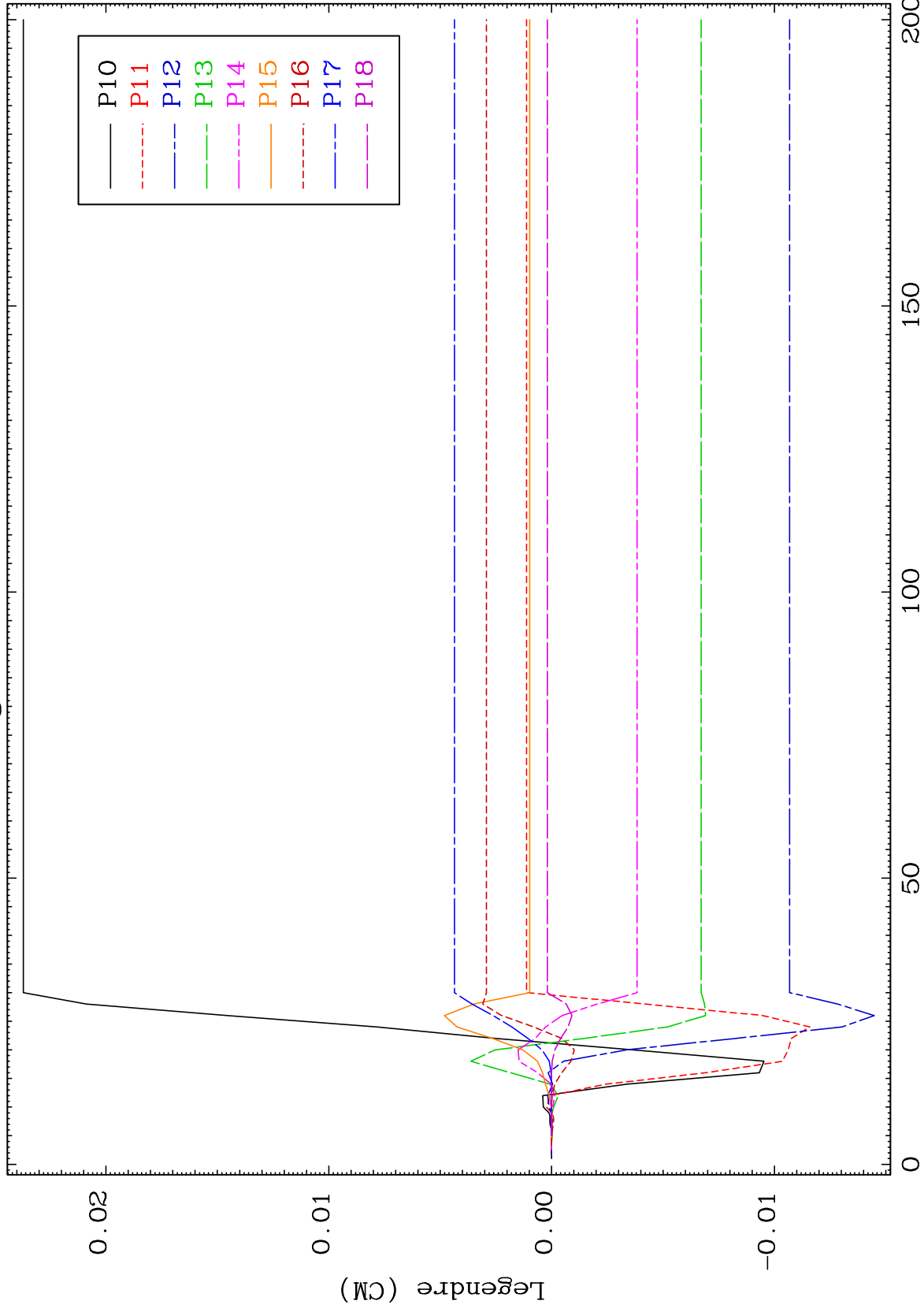
Incident Energy (MeV)

61

MAT 7122

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

71-Lu-174



71-Lu-174

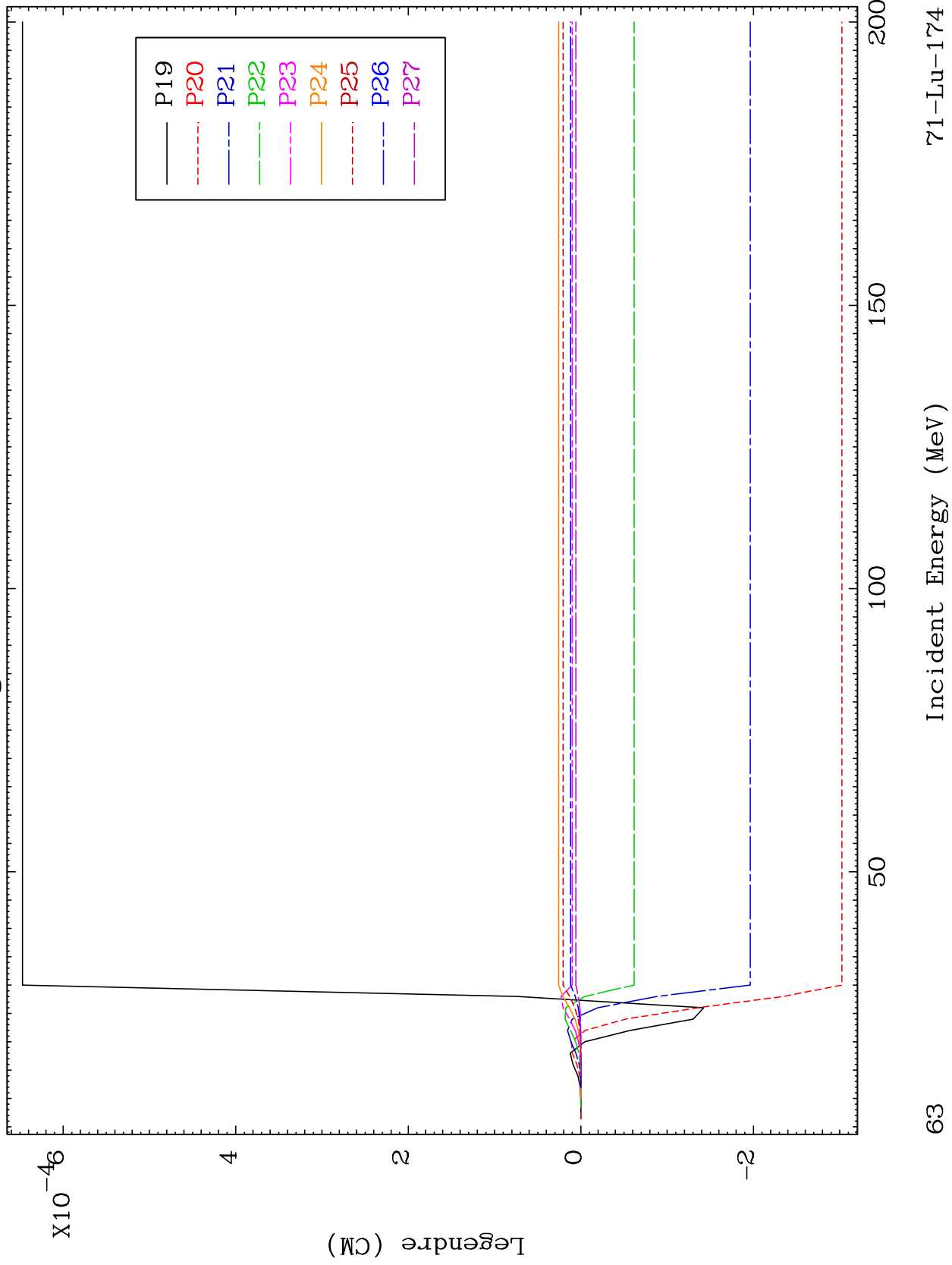
Incident Energy (MeV)

62

MAT 7122

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

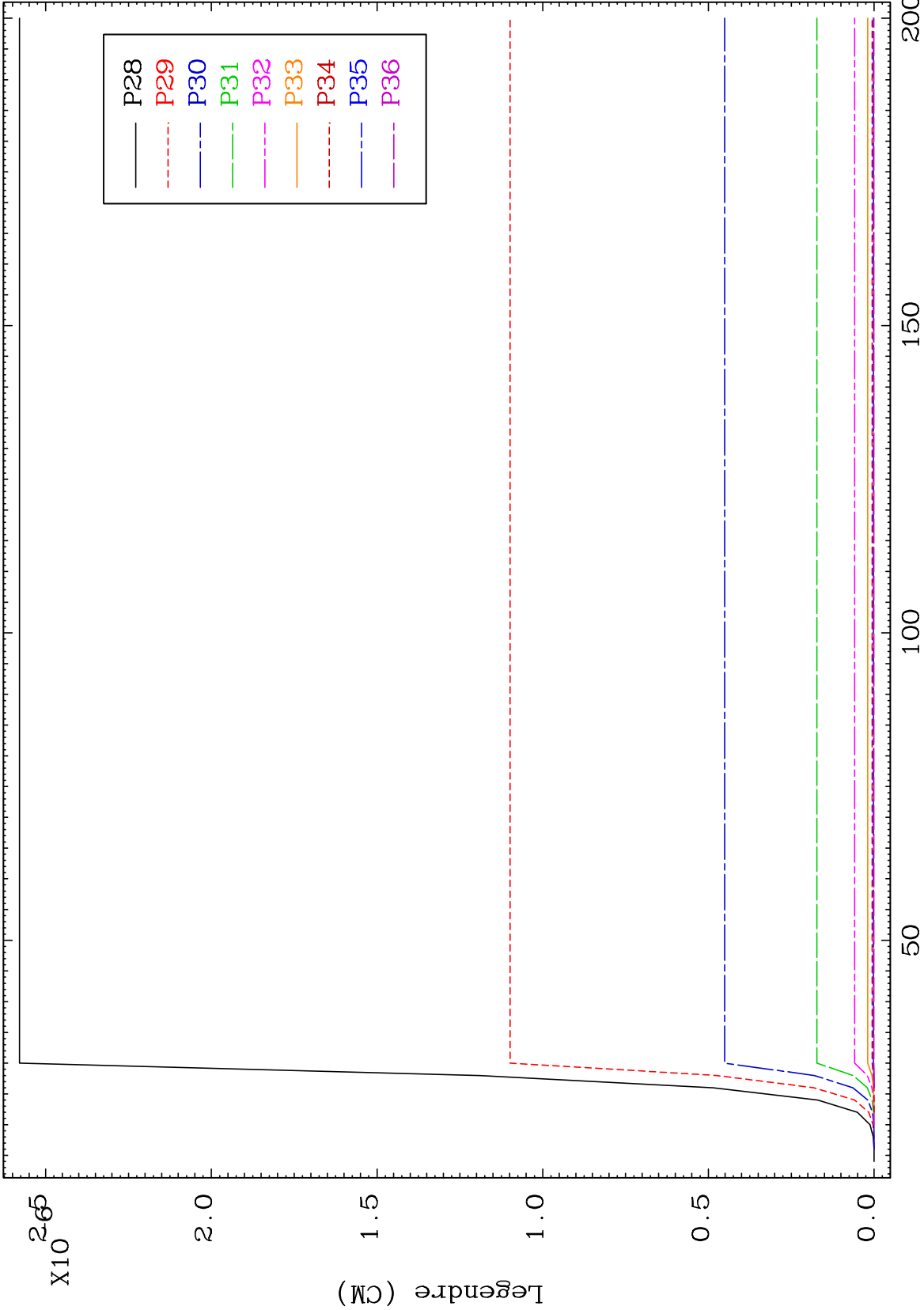
71-Lu-174



MAT 7122

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

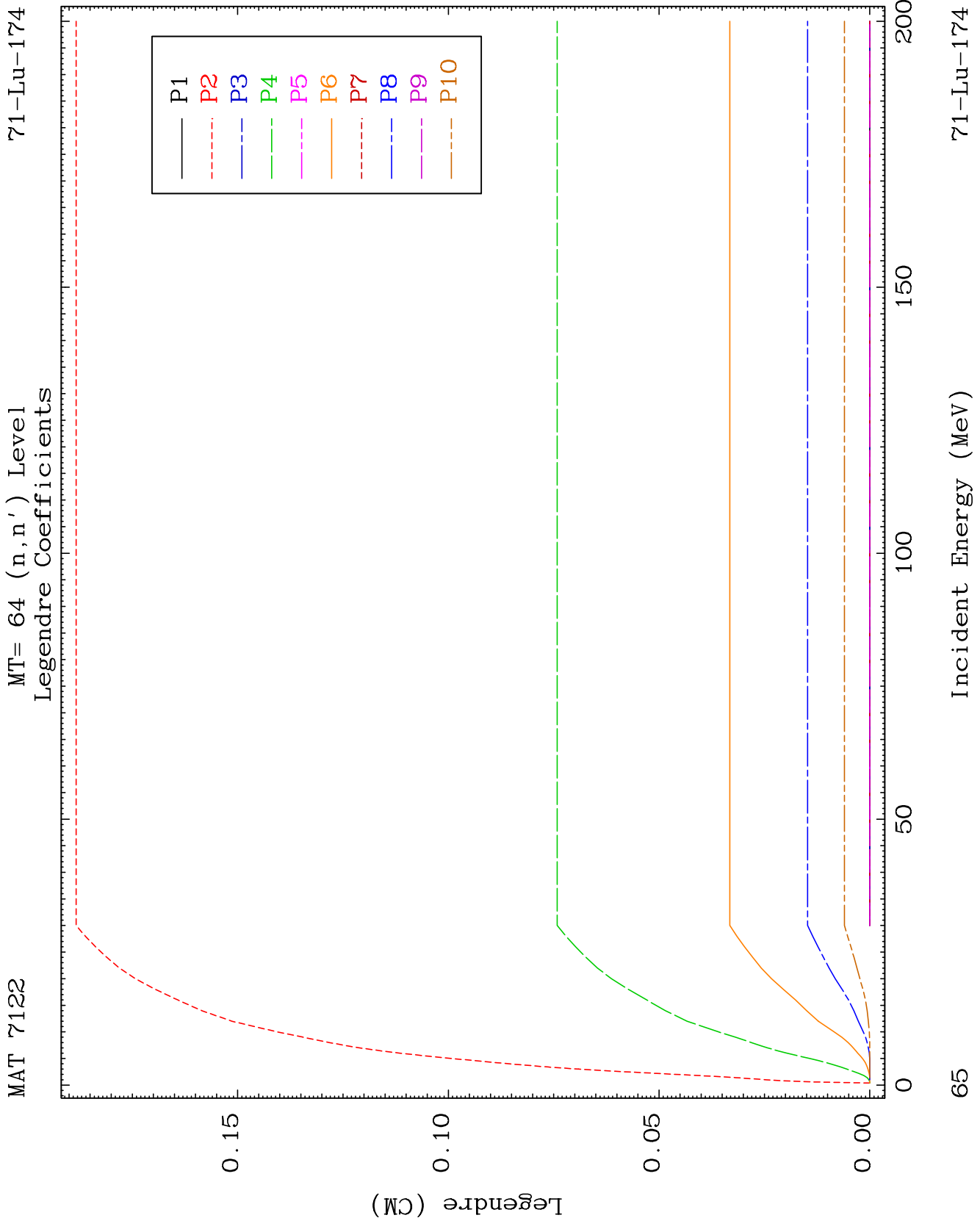
71-Lu-174



64

Incident Energy (MeV)

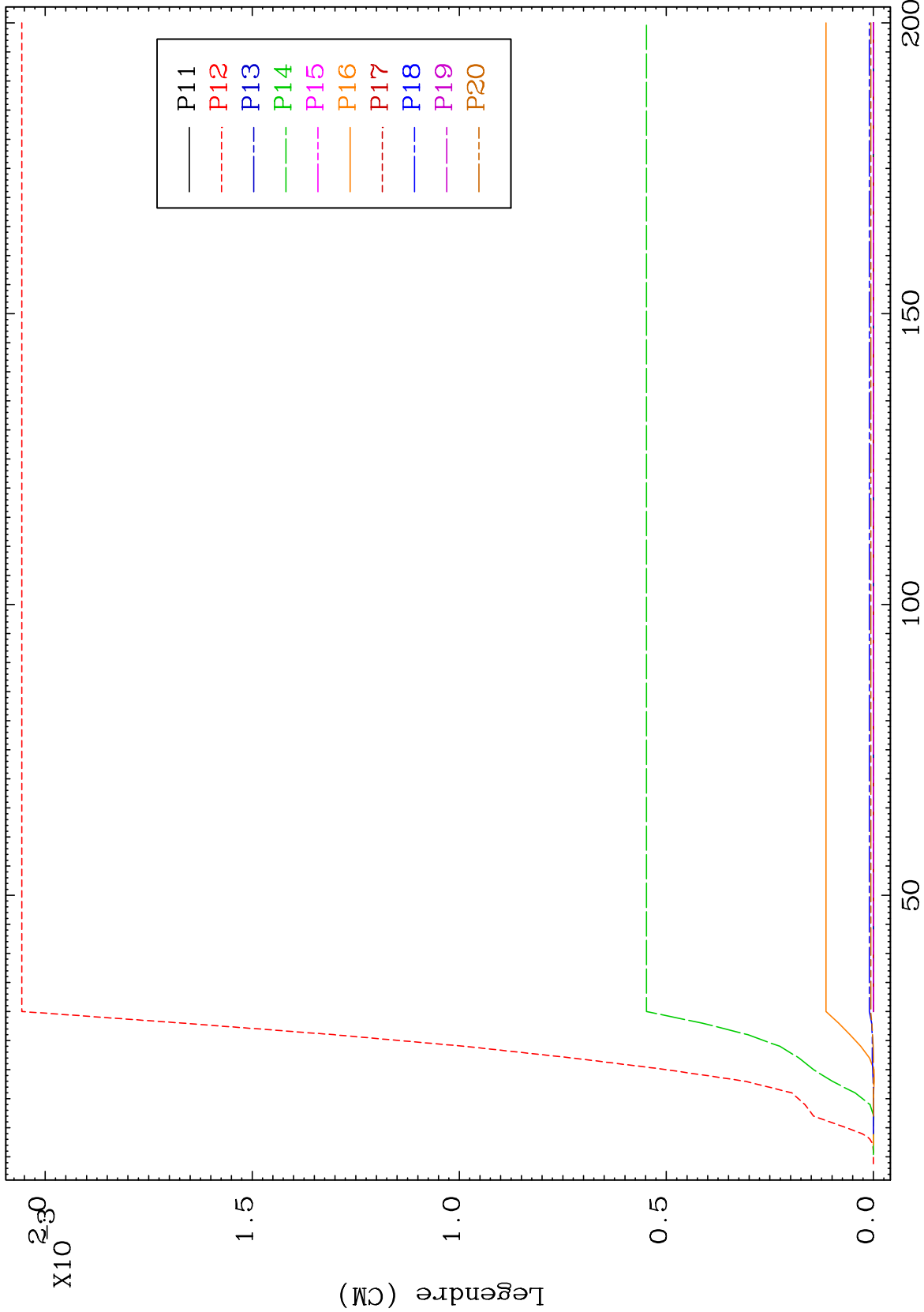
71-Lu-174



MAT 7122

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

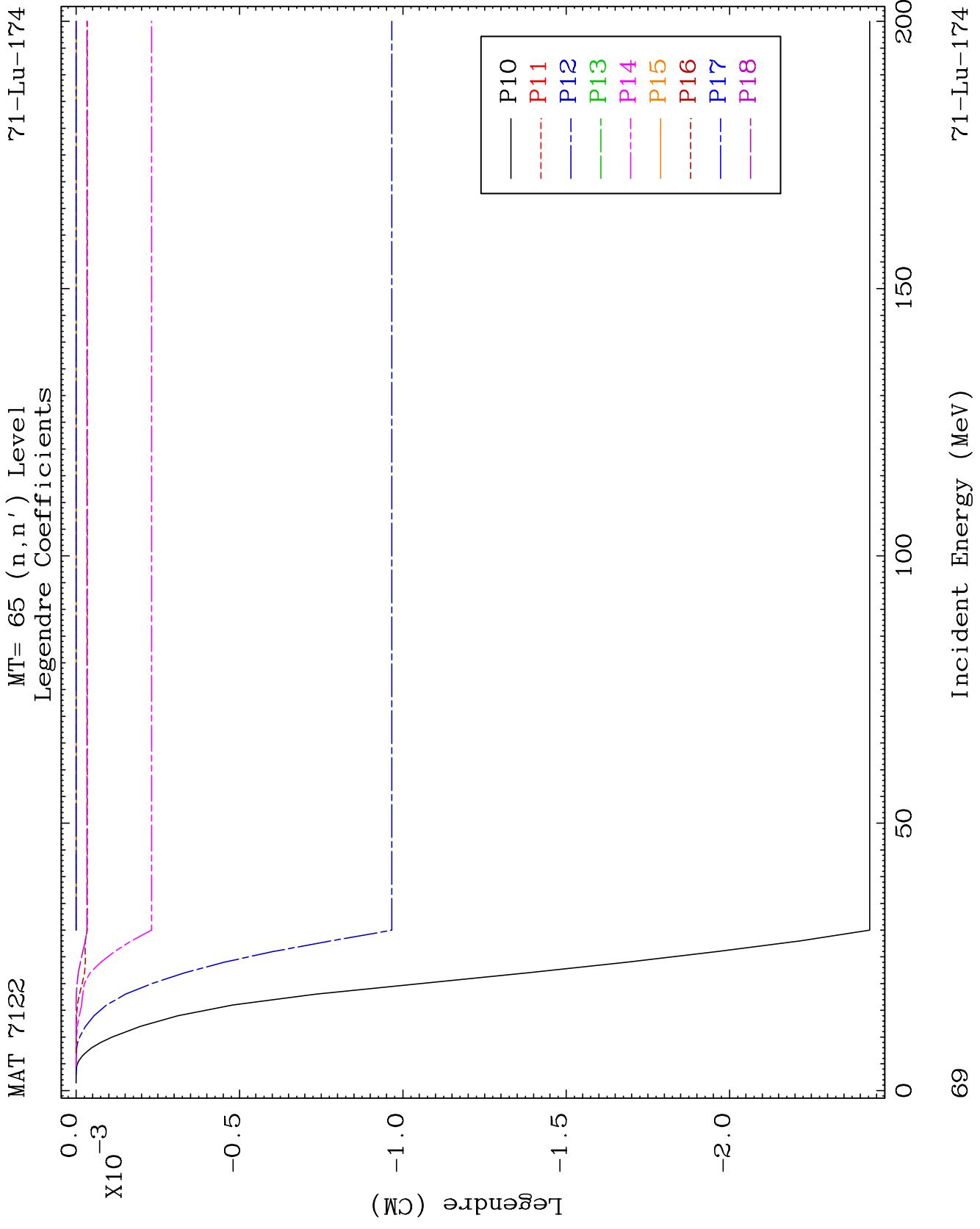
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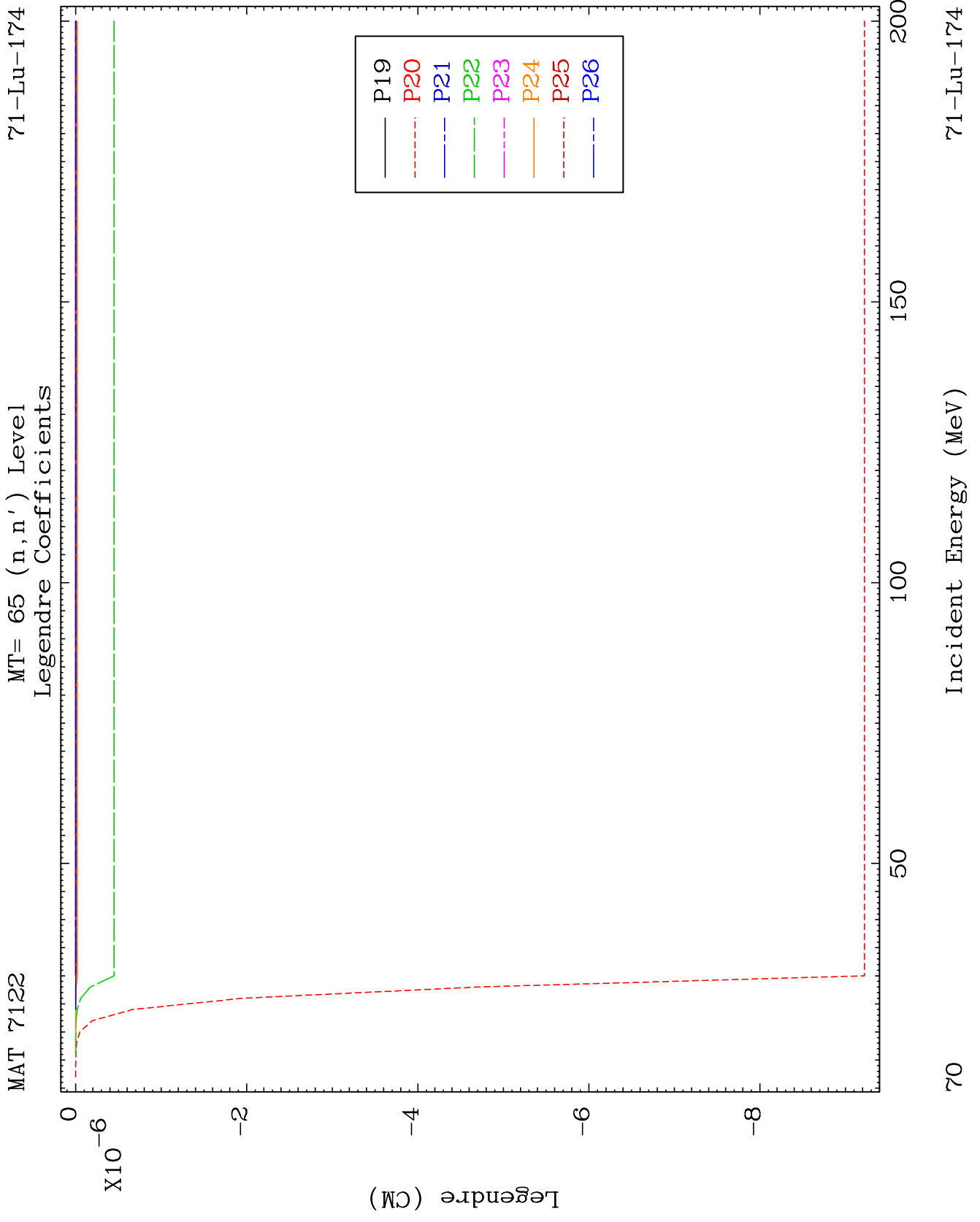


66

Incident Energy (MeV)

71-Lu-174

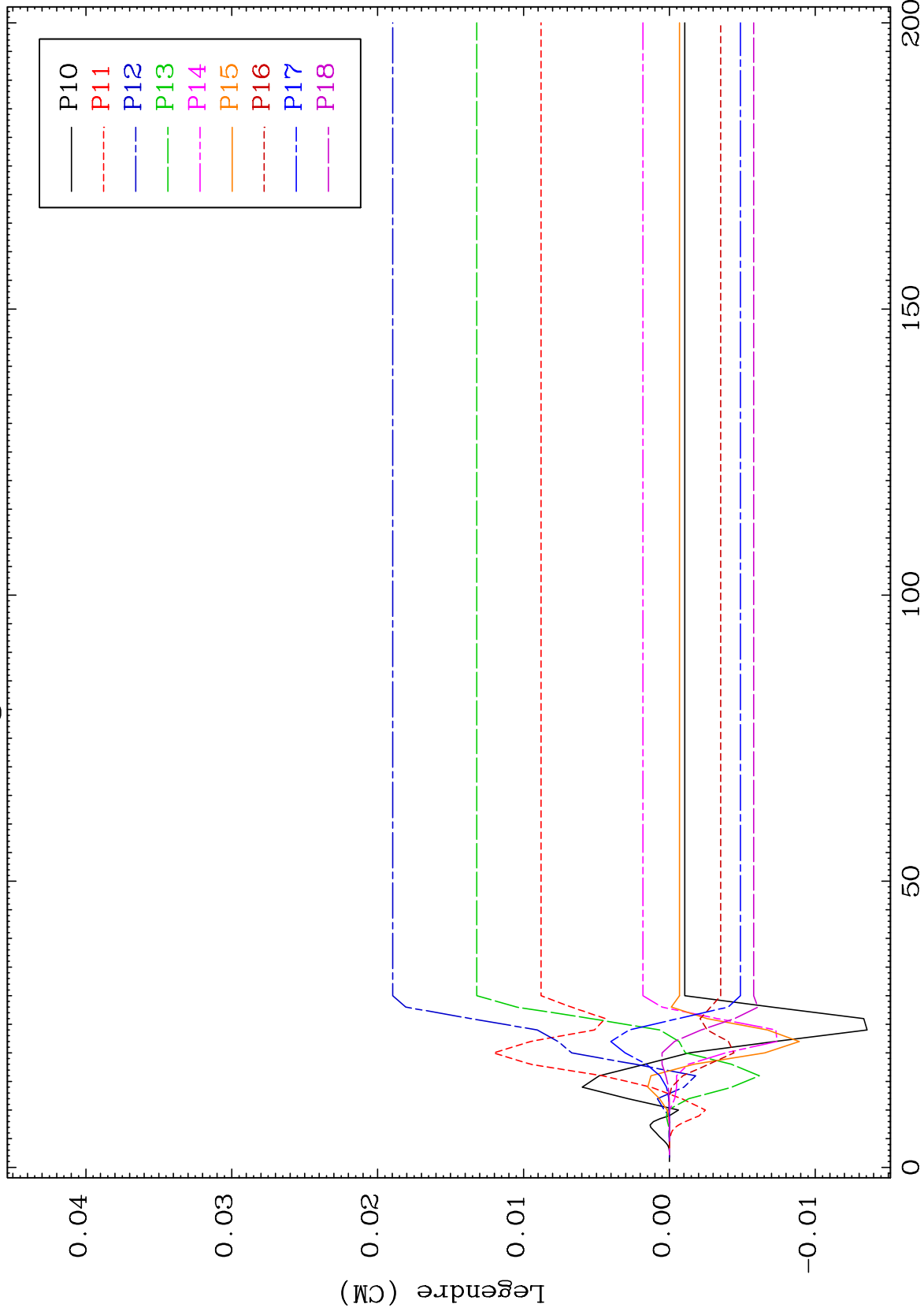




MAT 7122

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

71-Lu-174



72

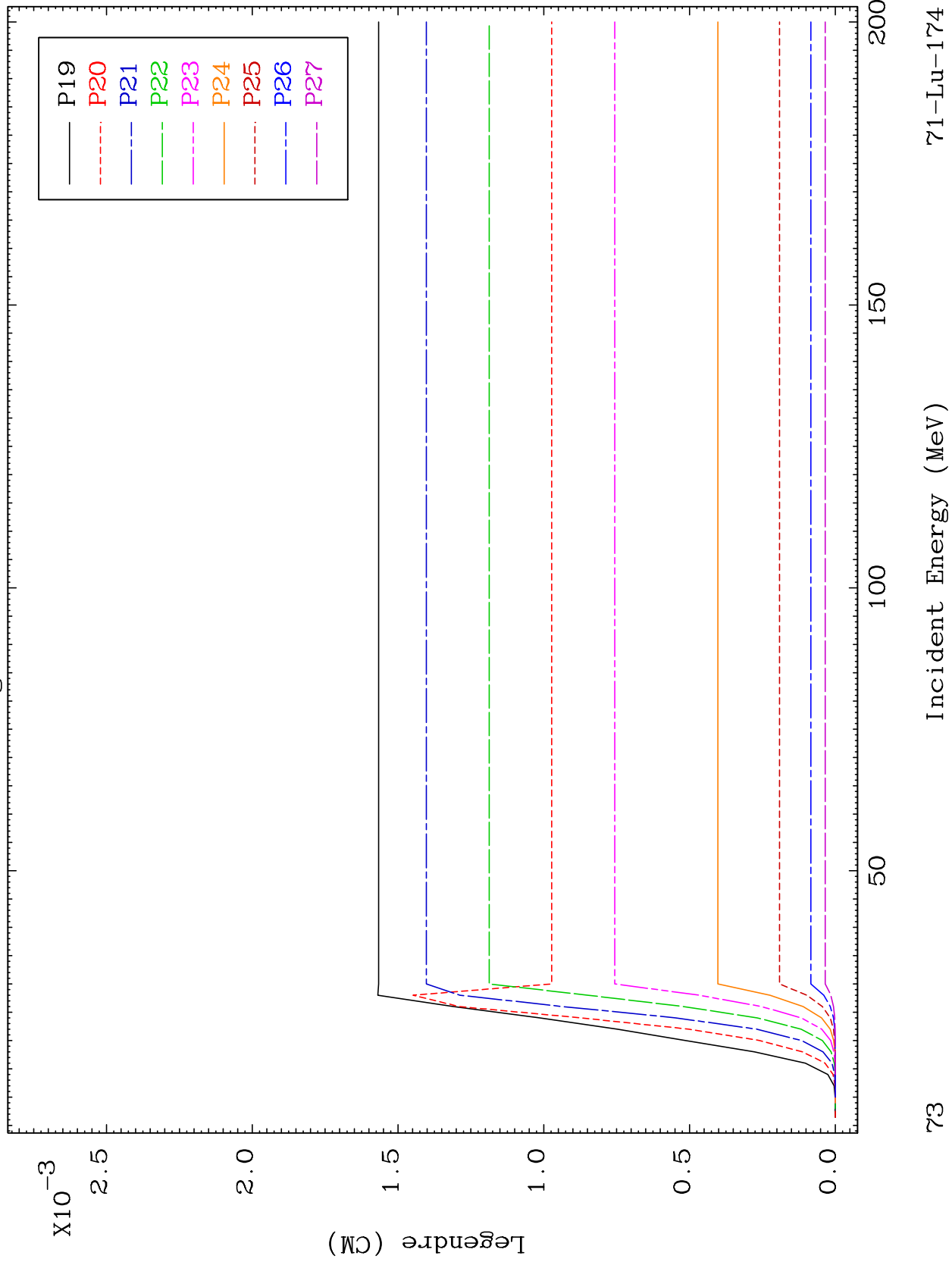
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



73

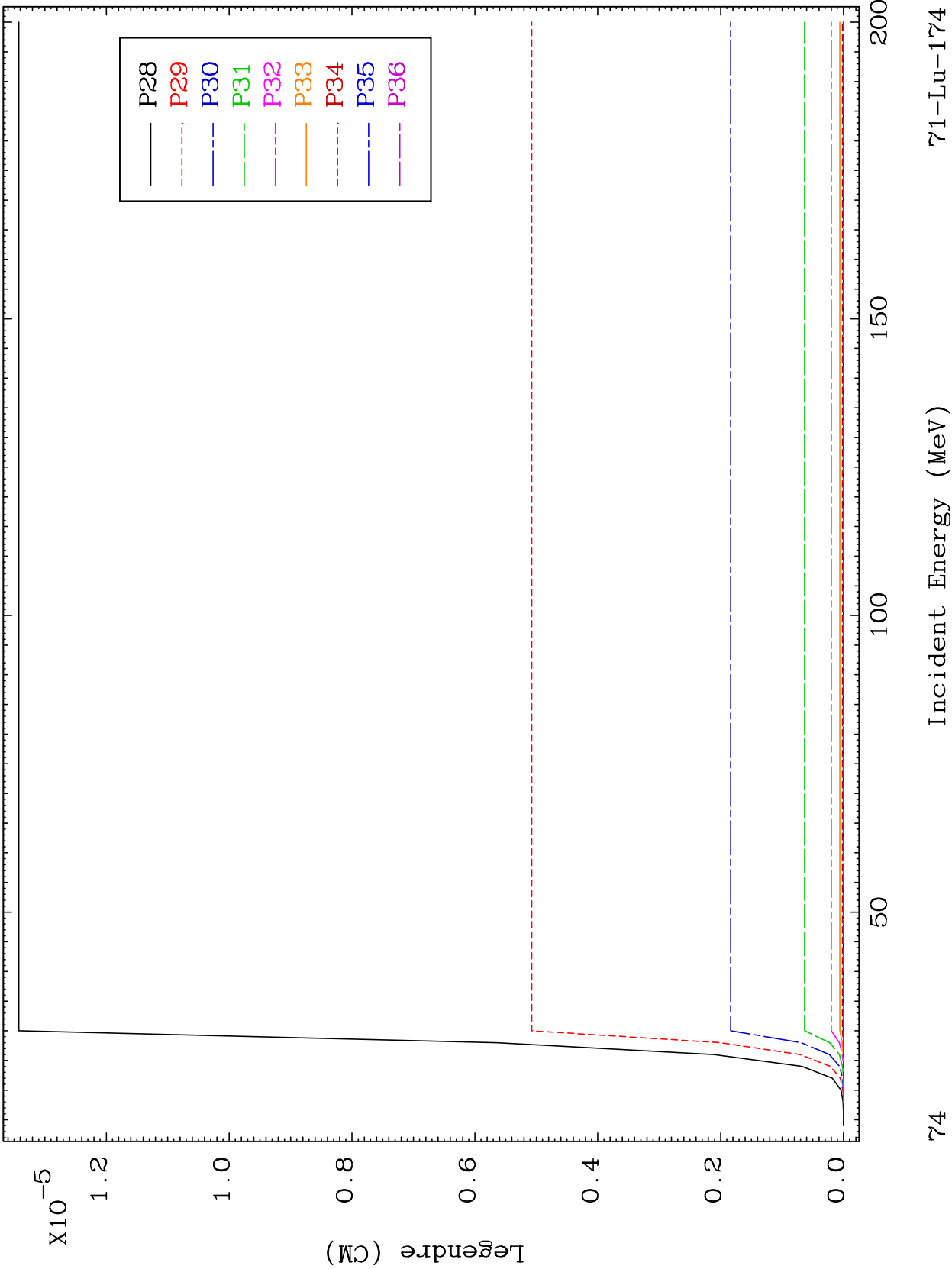
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



74

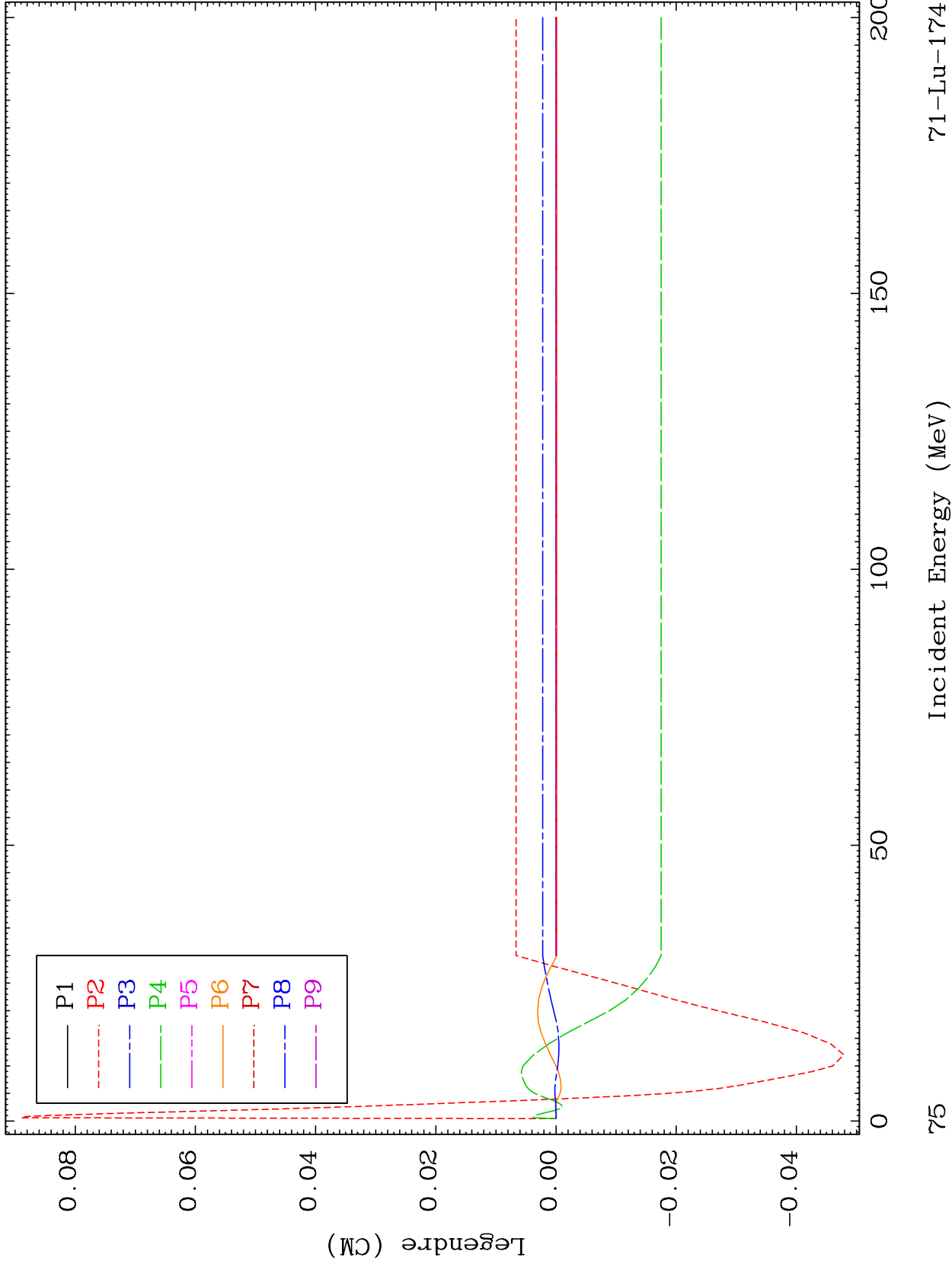
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



71-Lu-174

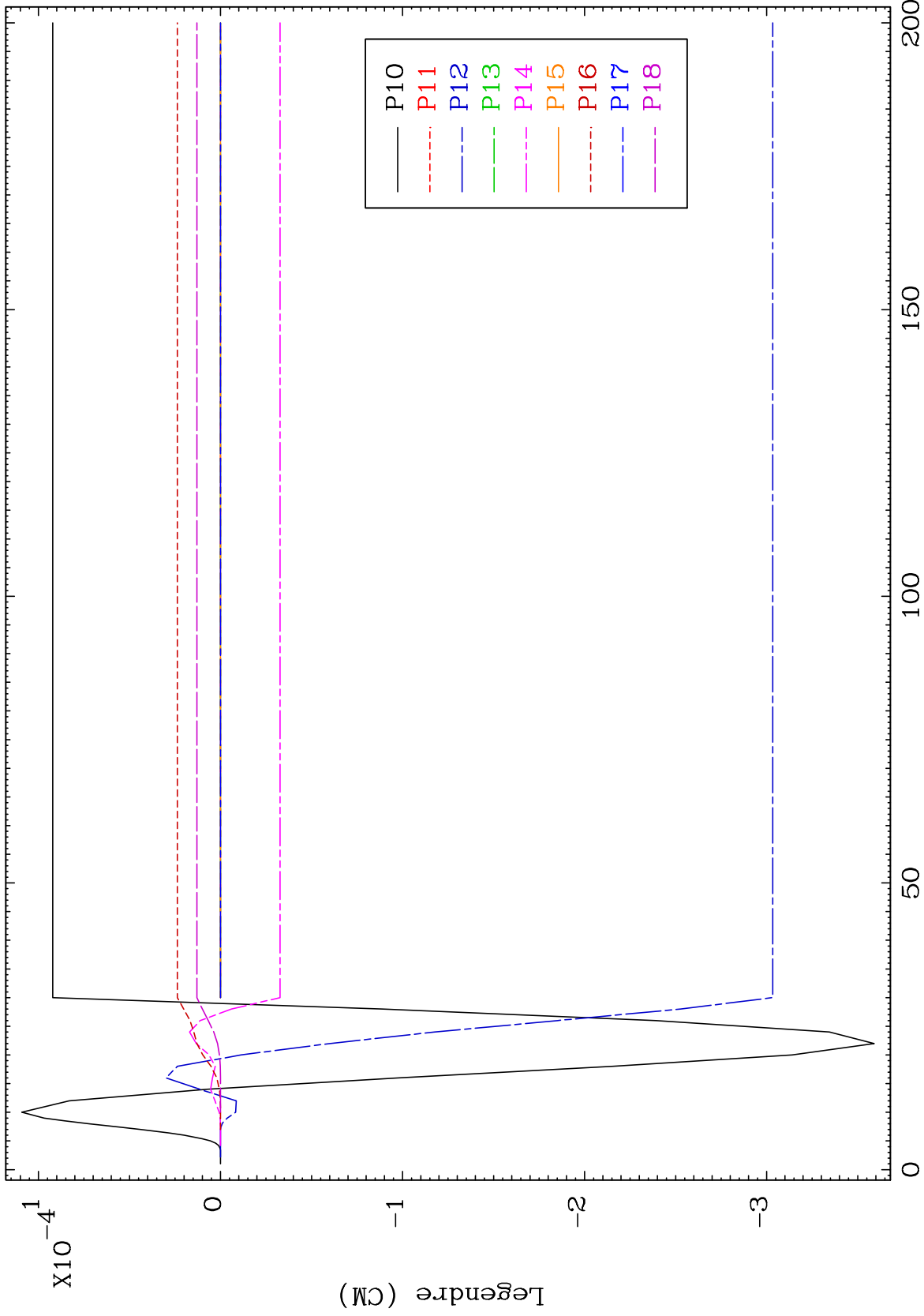
Incident Energy (MeV)

75

MAT 7122

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

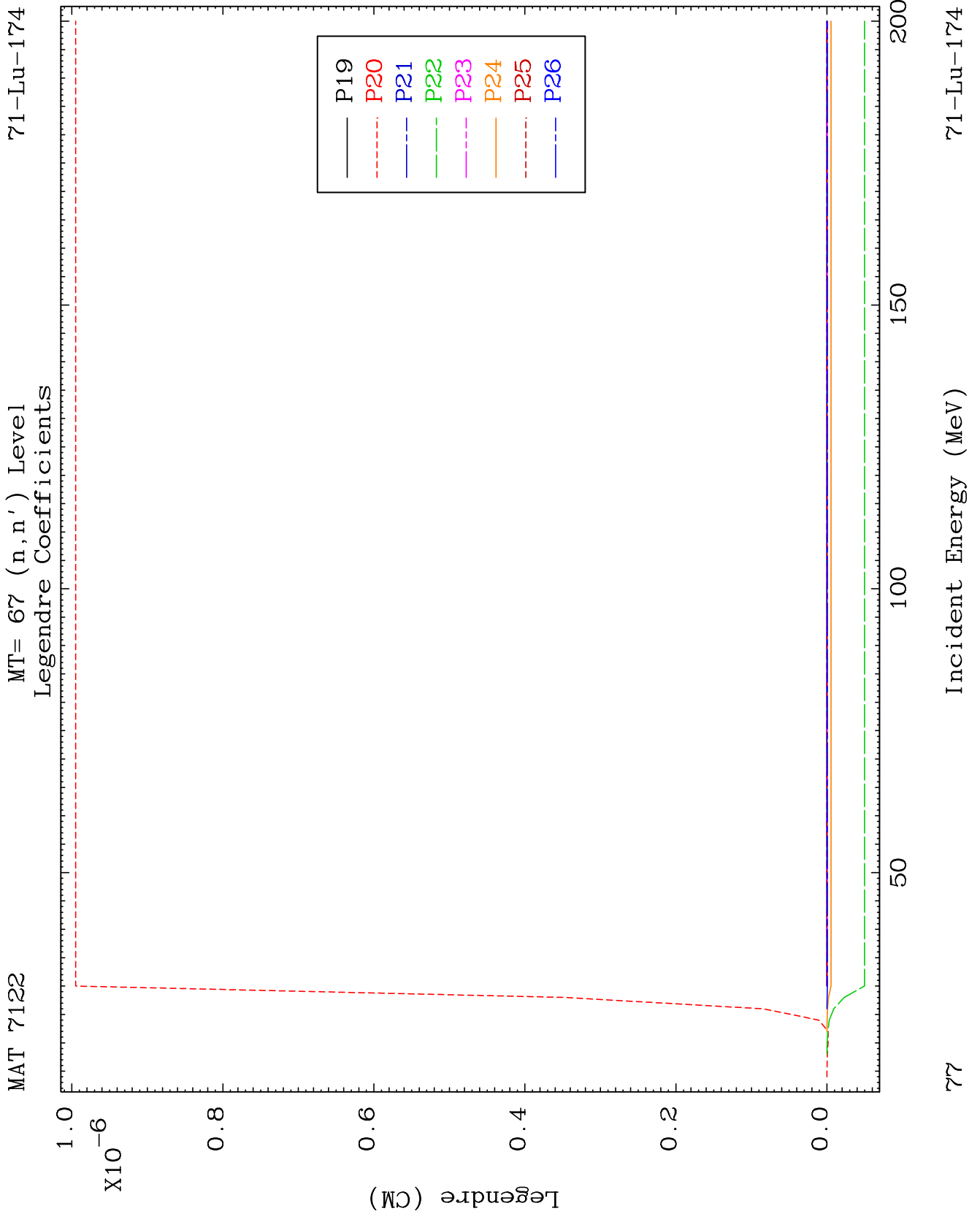
71-Lu-174



76

Incident Energy (MeV)

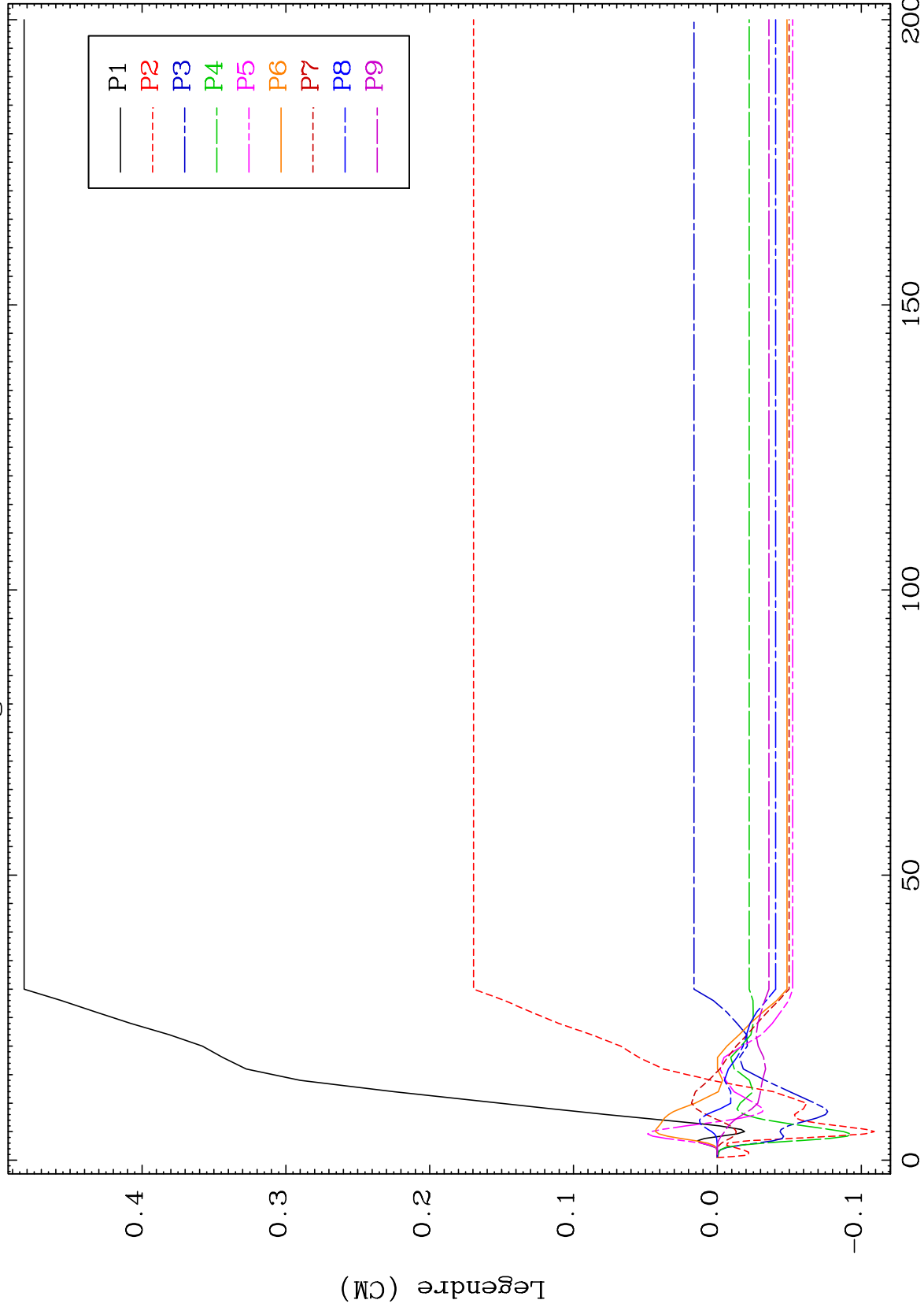
71-Lu-174



MAT 7122

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

71-Lu-174



78

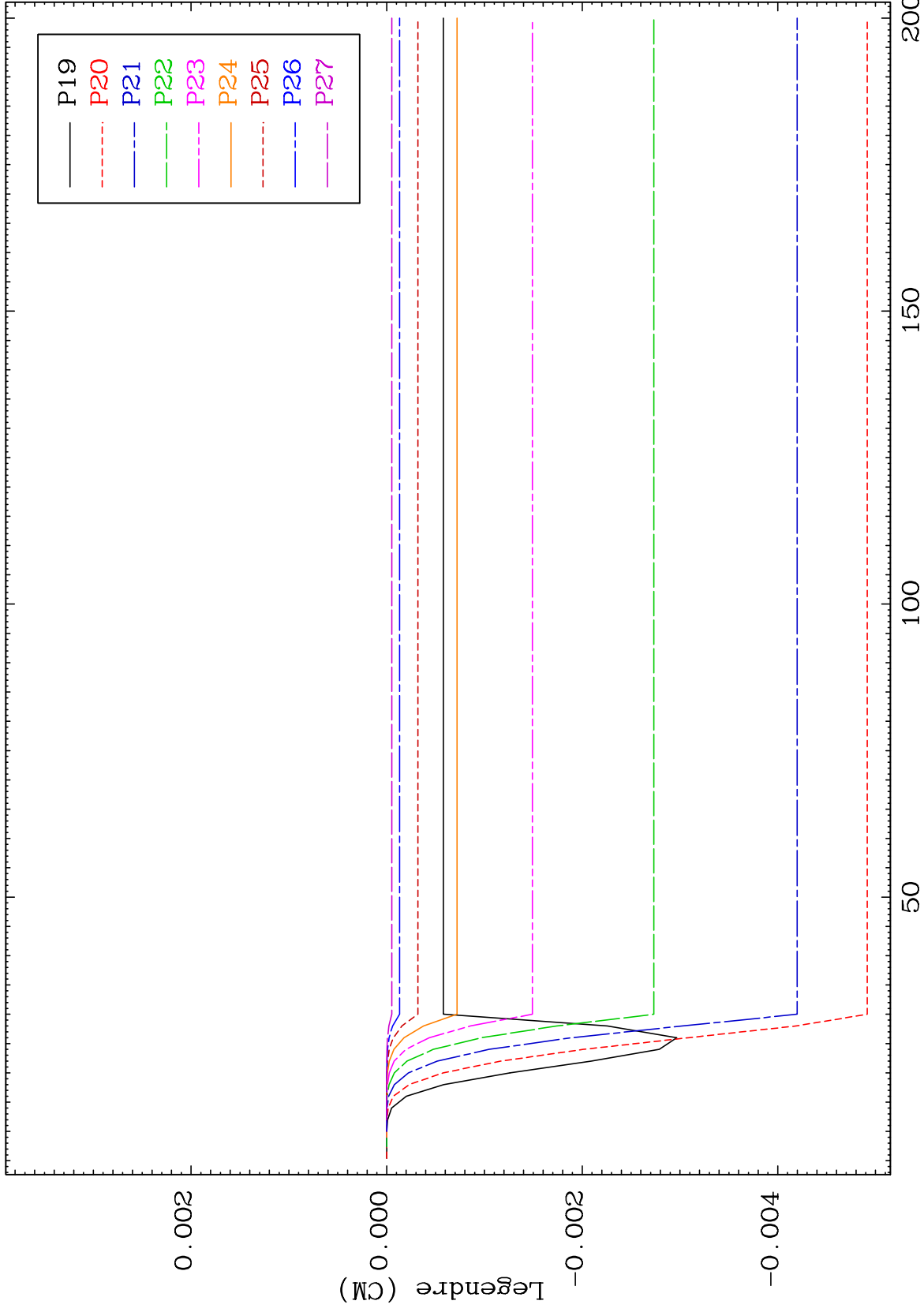
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

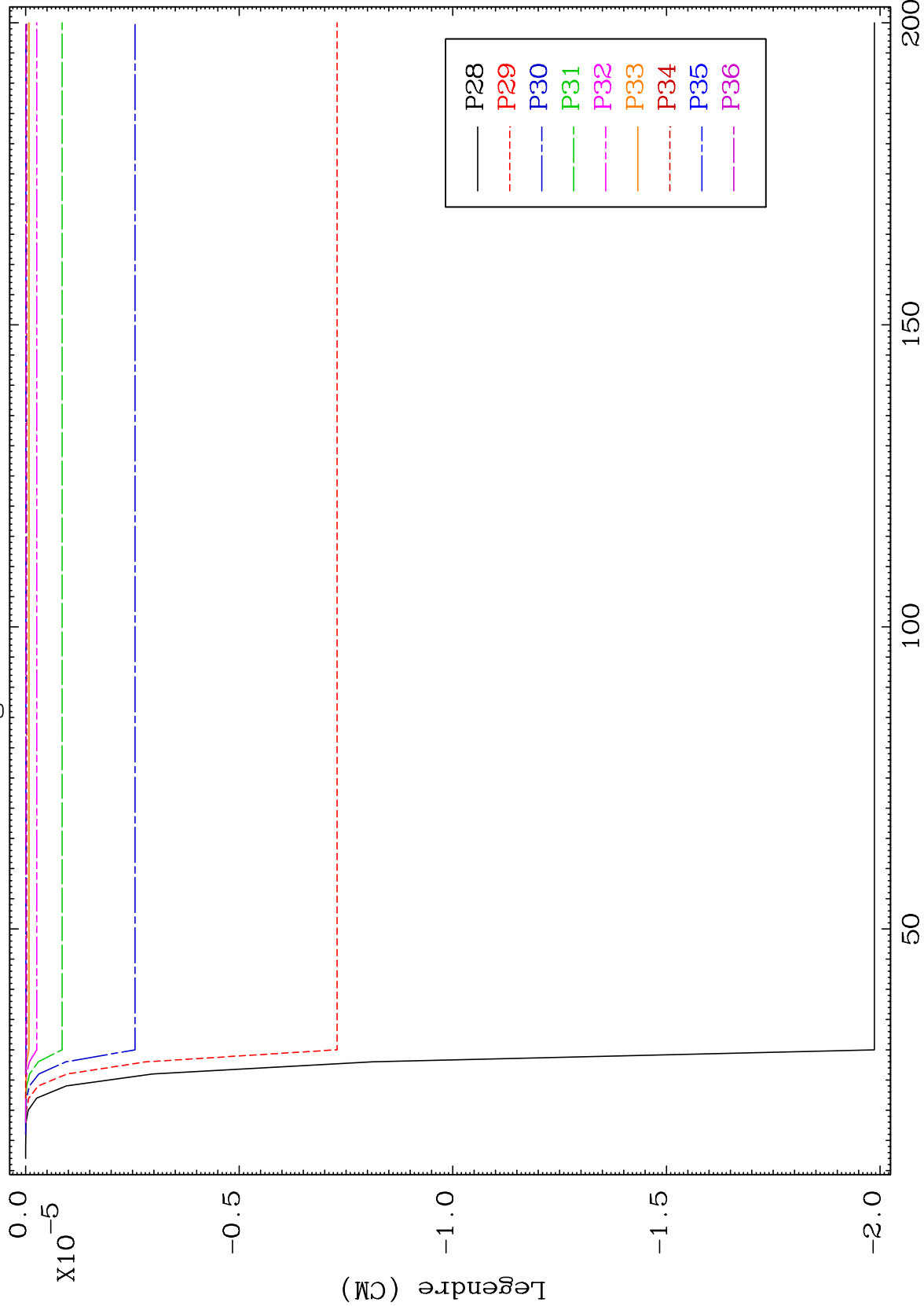
71-Lu-174

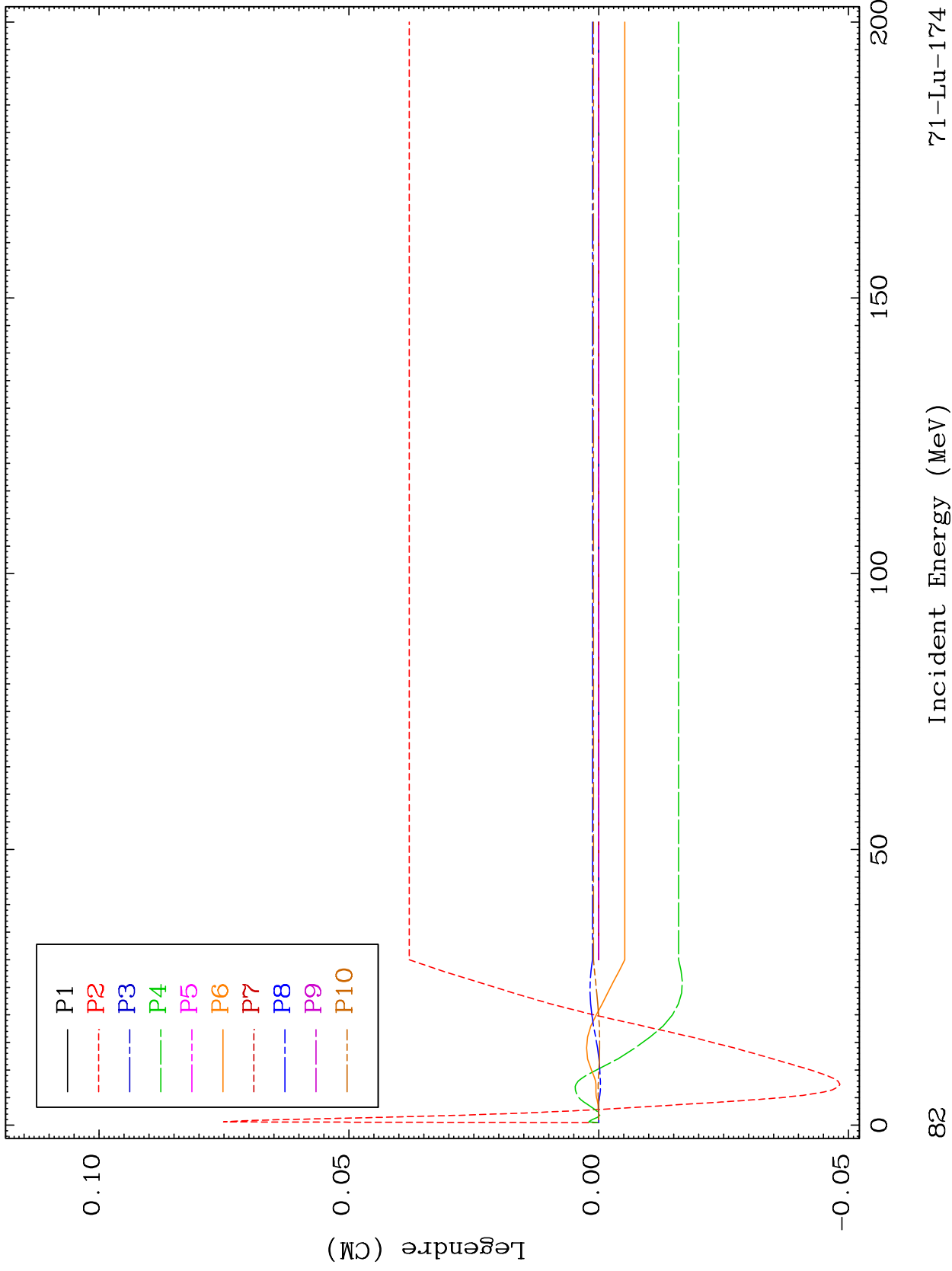


80

Incident Energy (MeV)

71-Lu-174

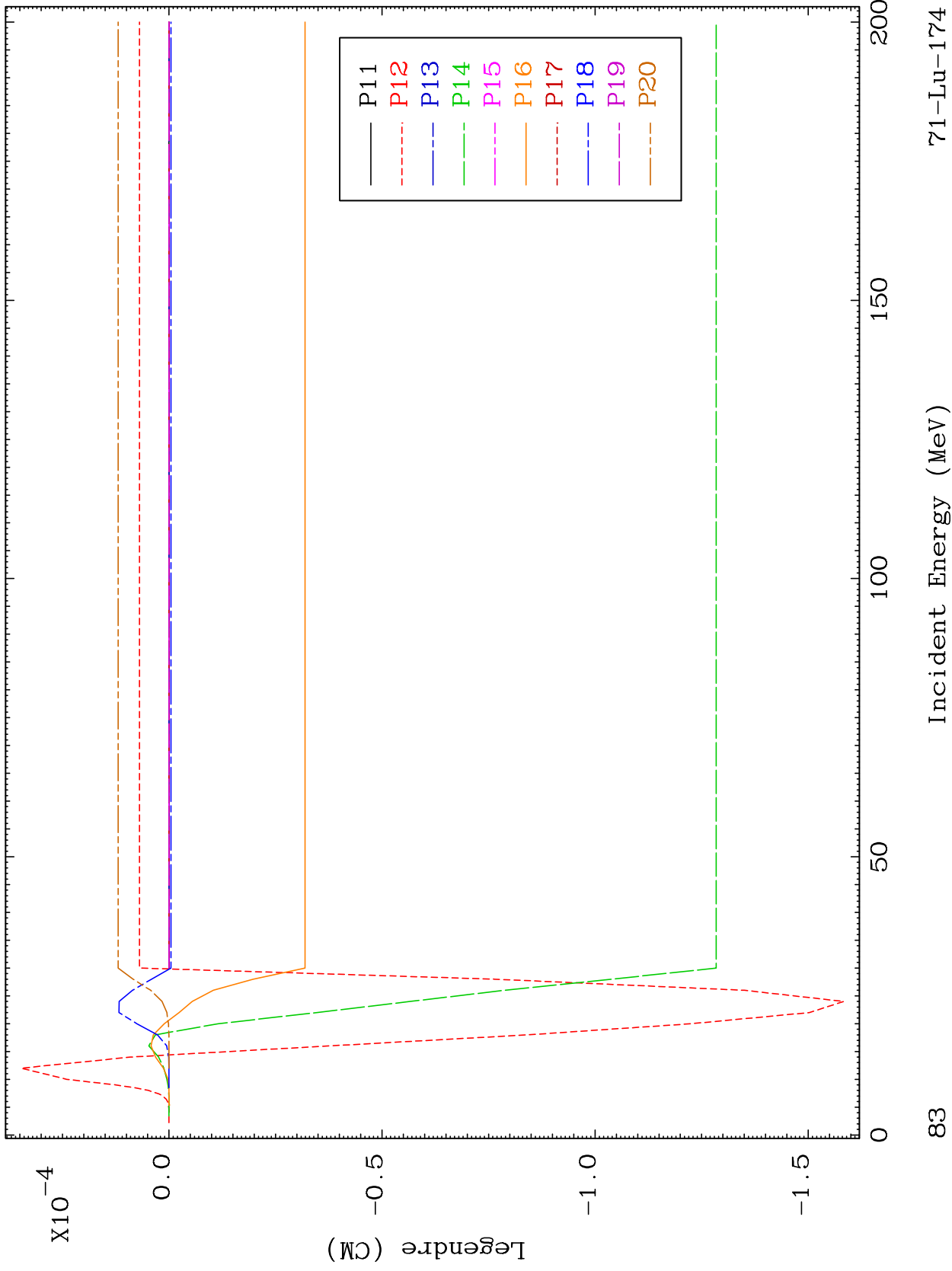




MAT 7122

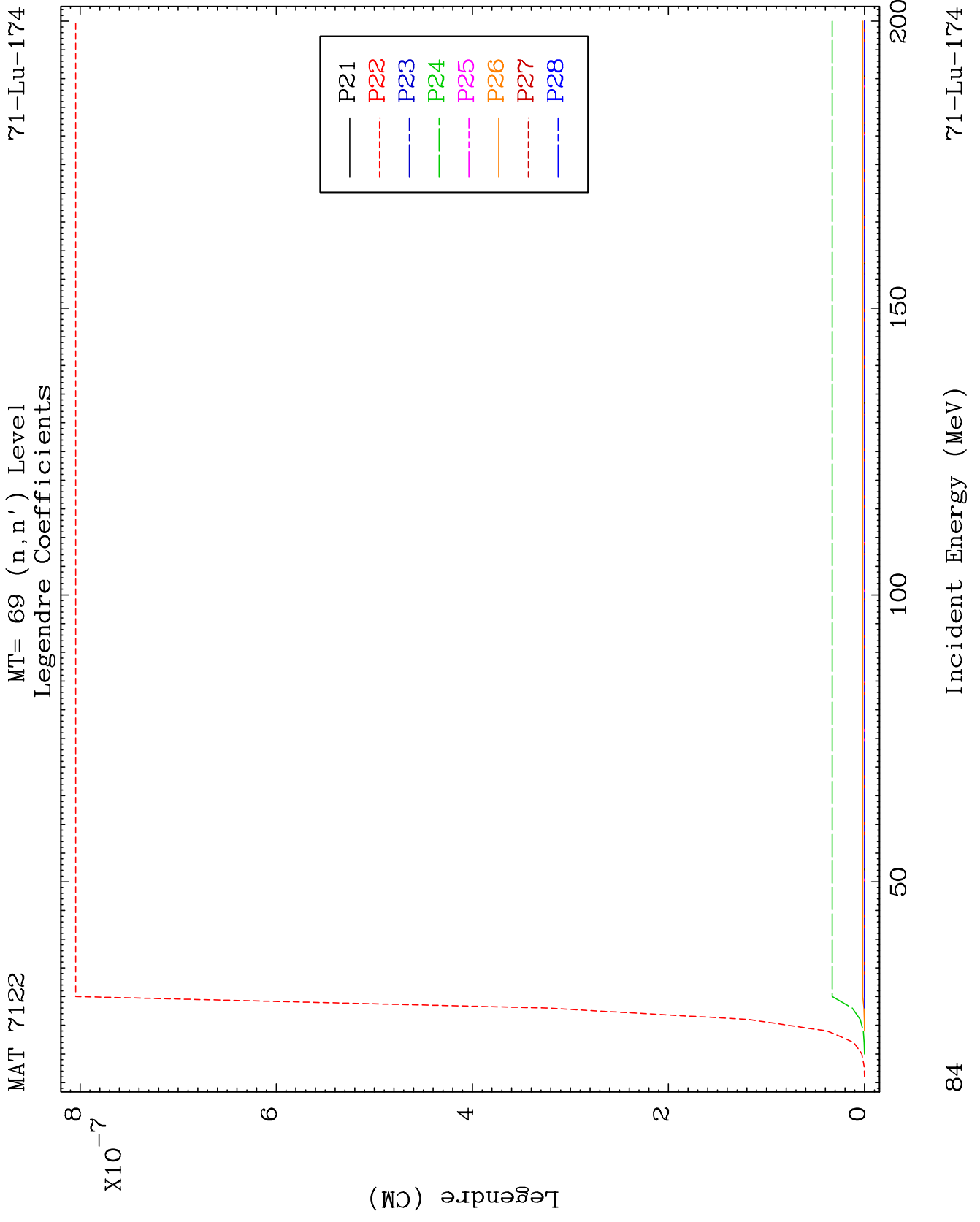
MT= 69 (n,n') Level
Legendre Coefficients

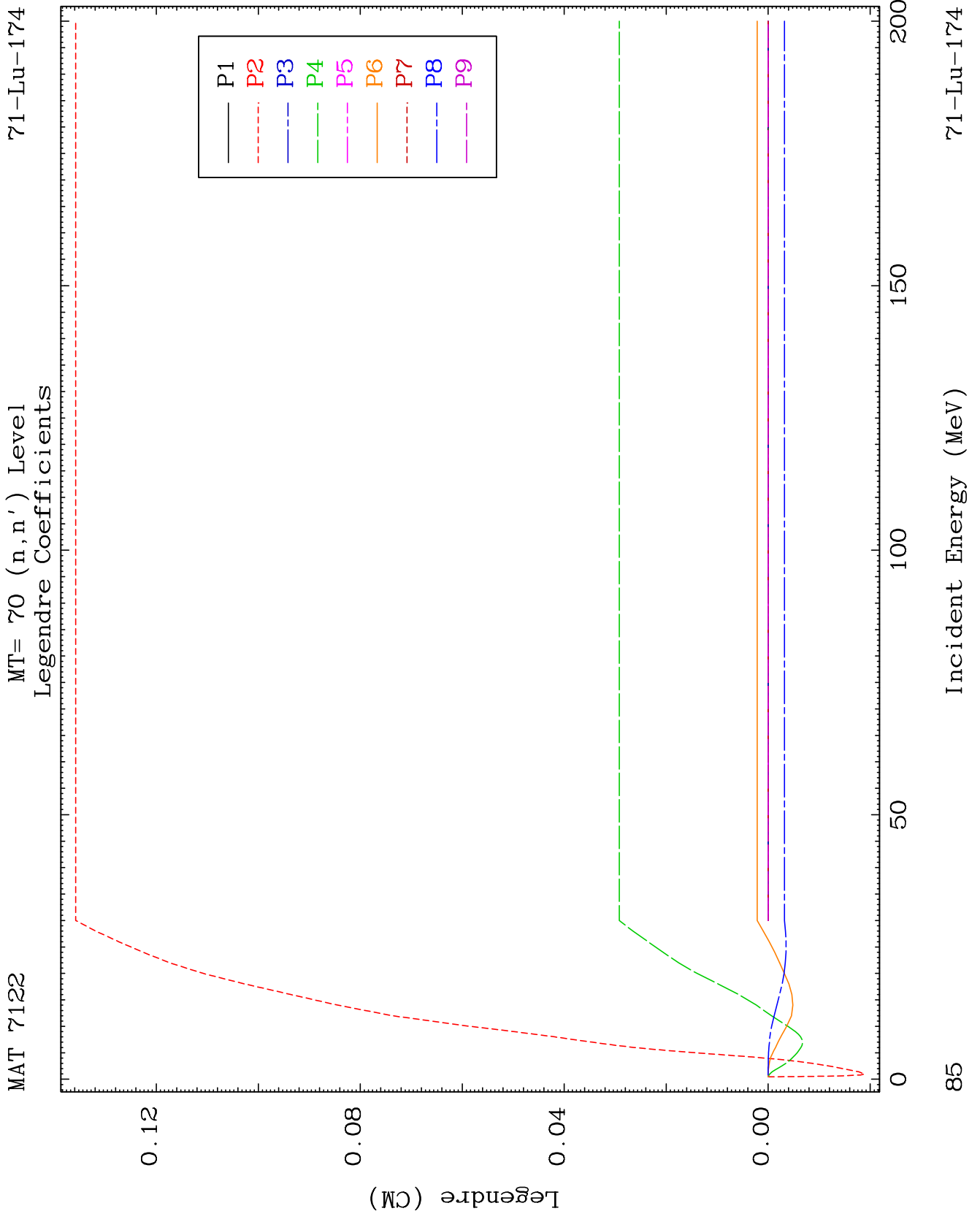
71-Lu-174

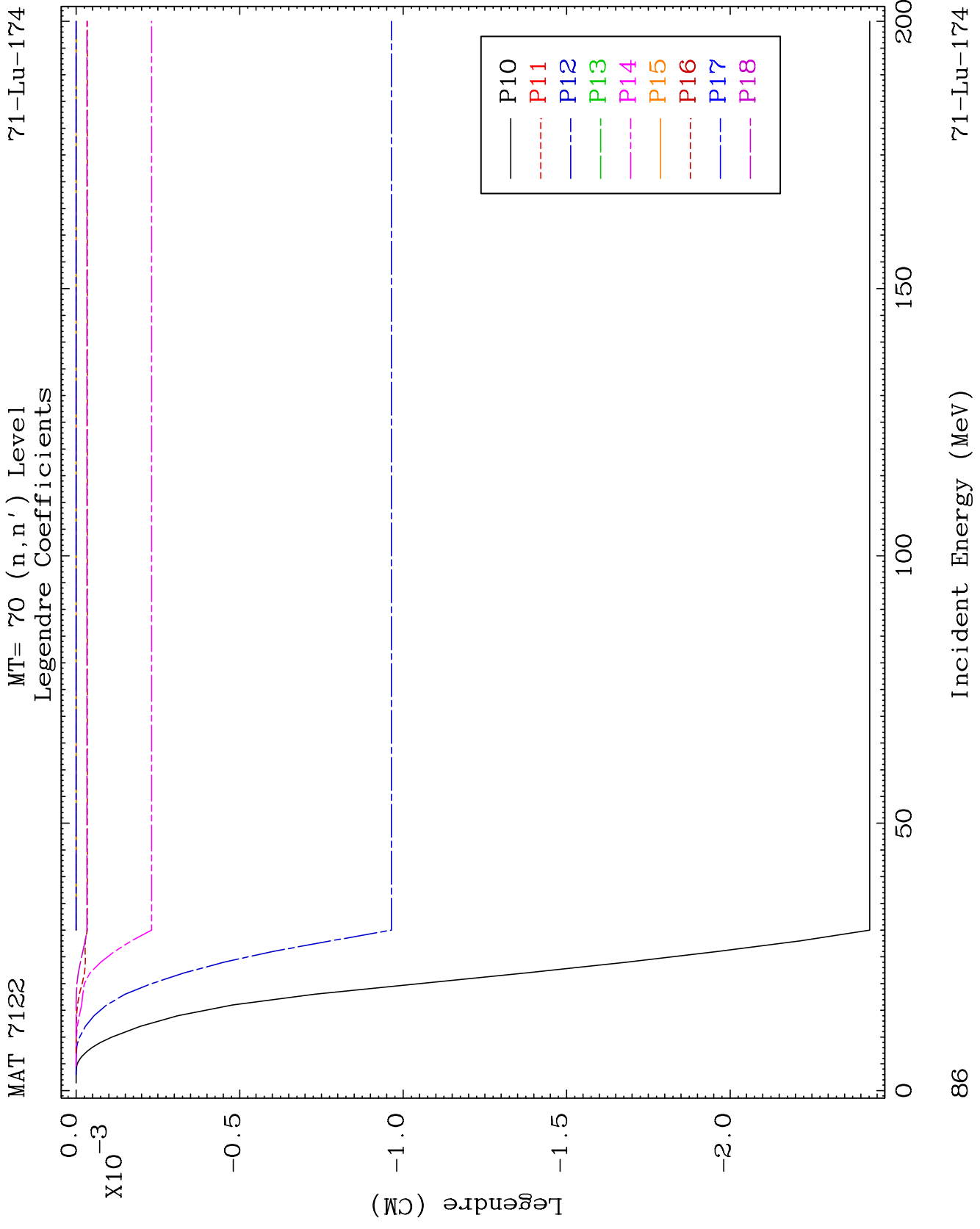


83

71-Lu-174



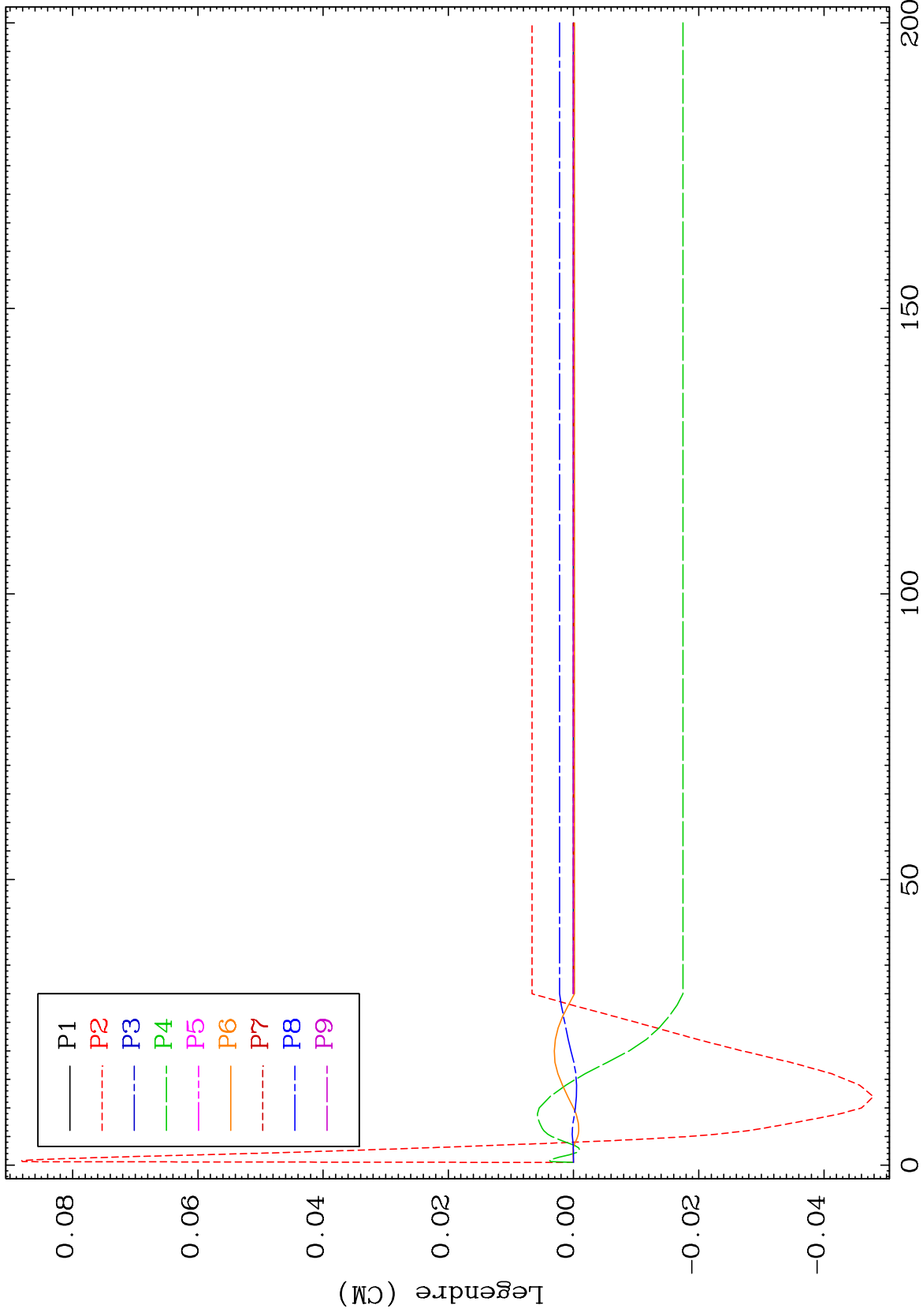




MAT 7122

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

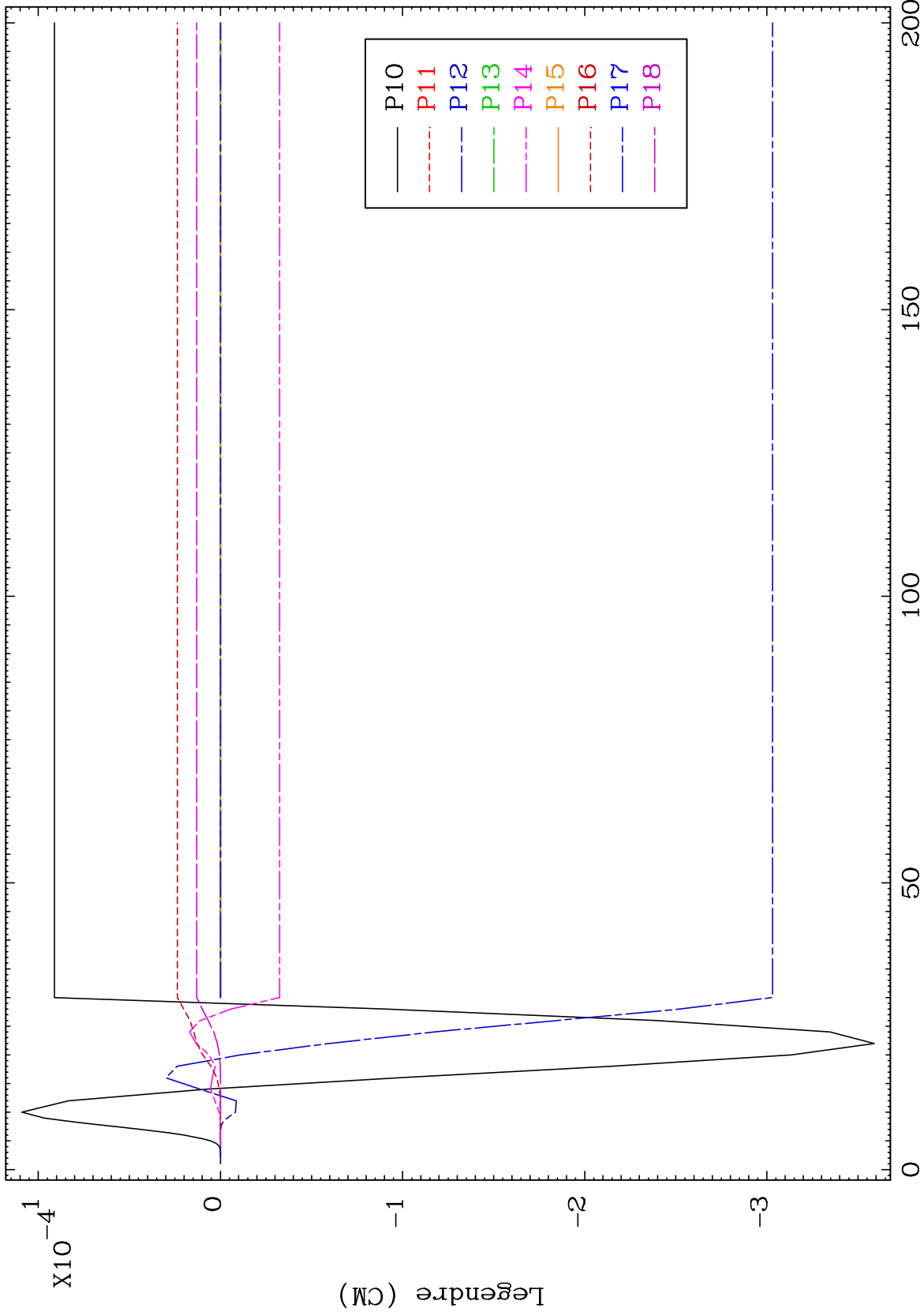
71-Lu-174

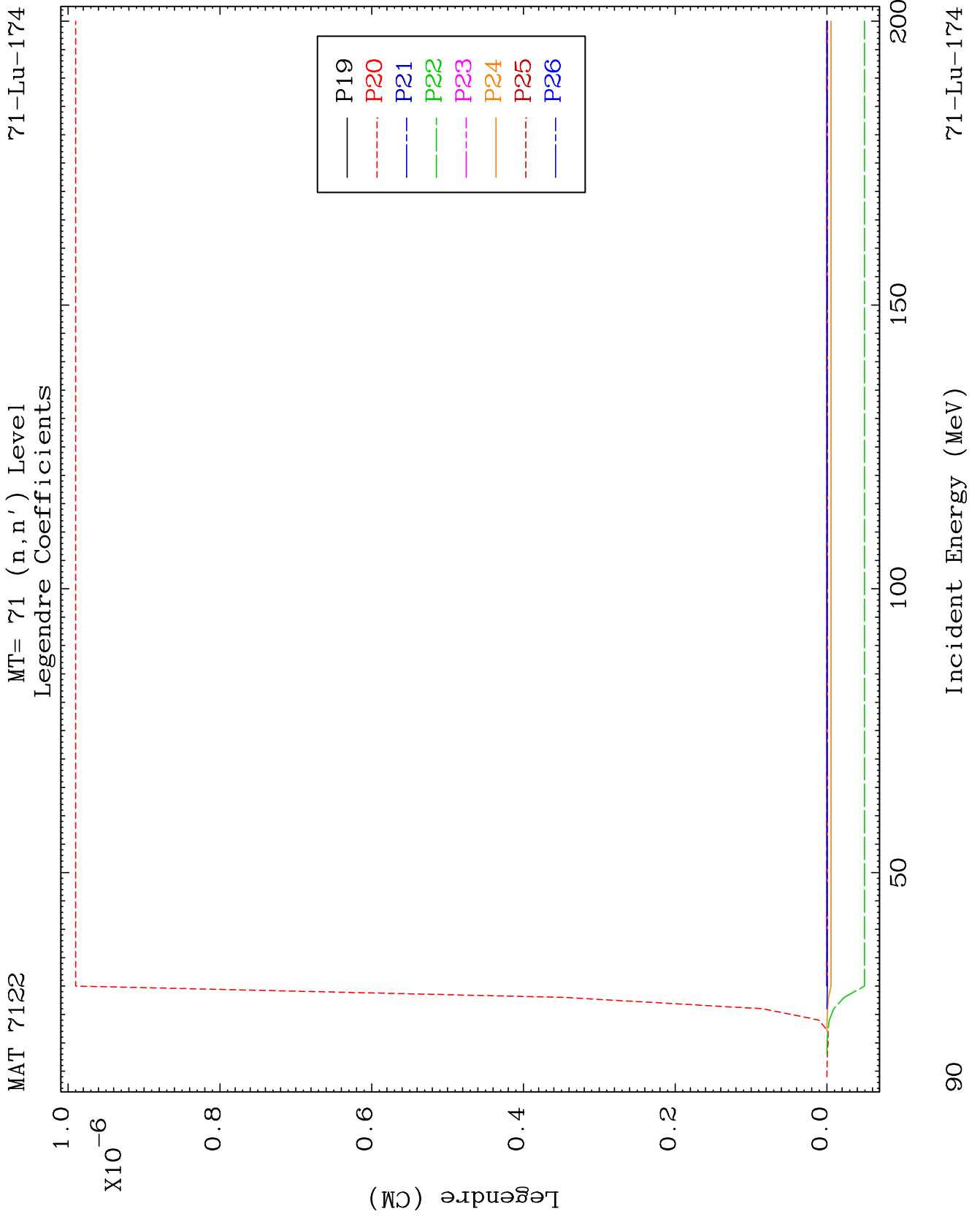


88

Incident Energy (MeV)

71-Lu-174

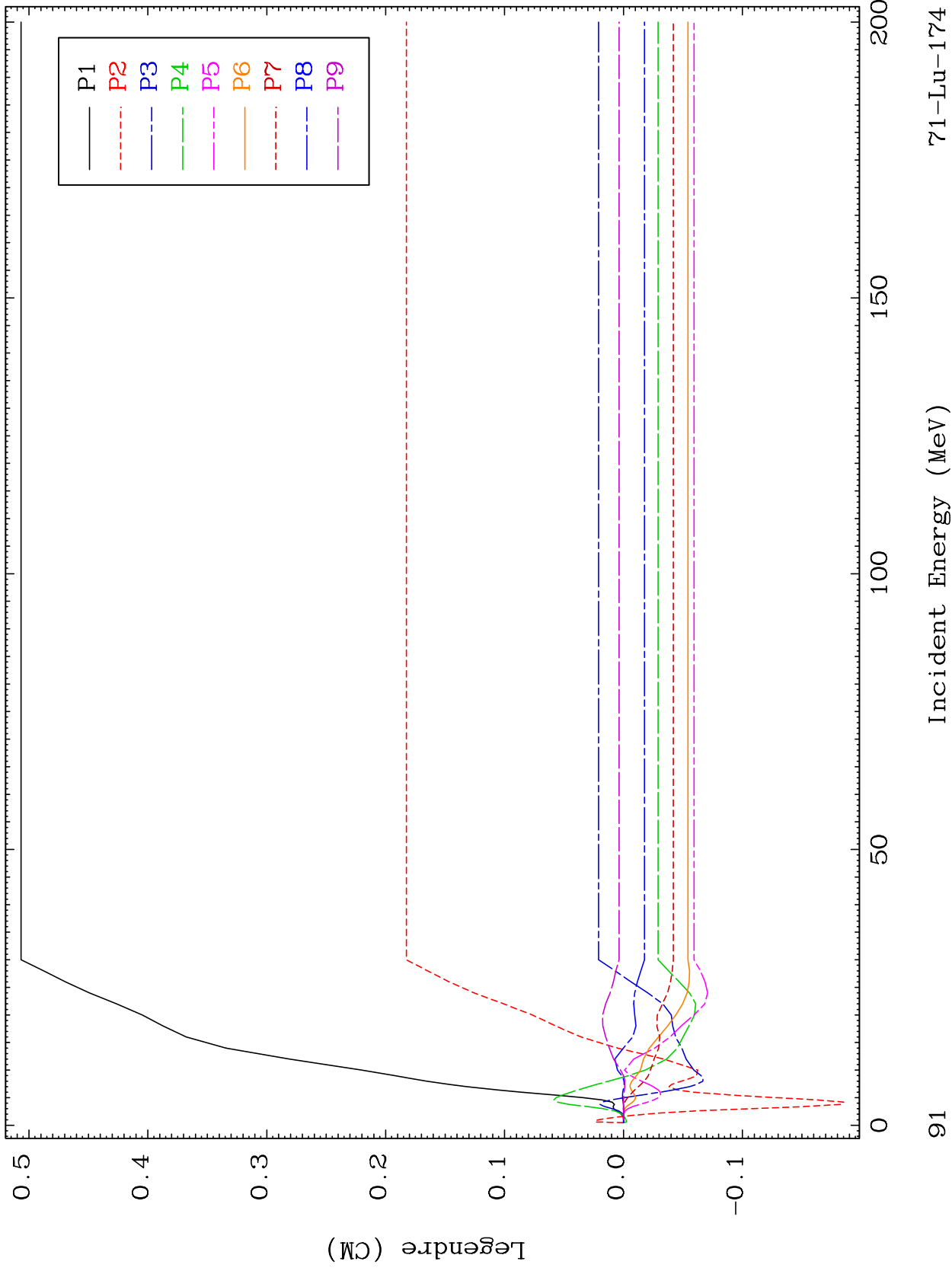




MAT 7122

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

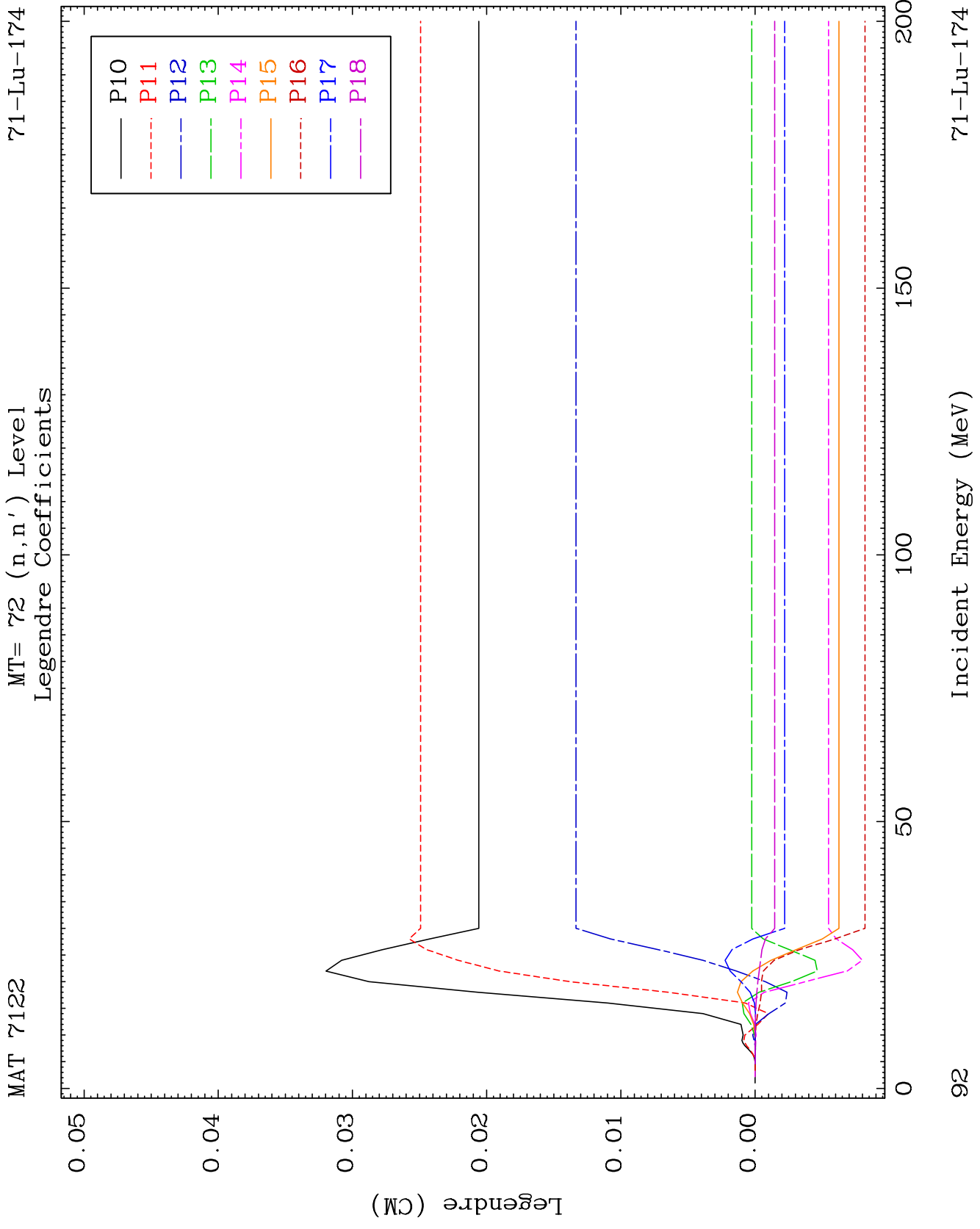
71-Lu-174



71-Lu-174

Incident Energy (MeV)

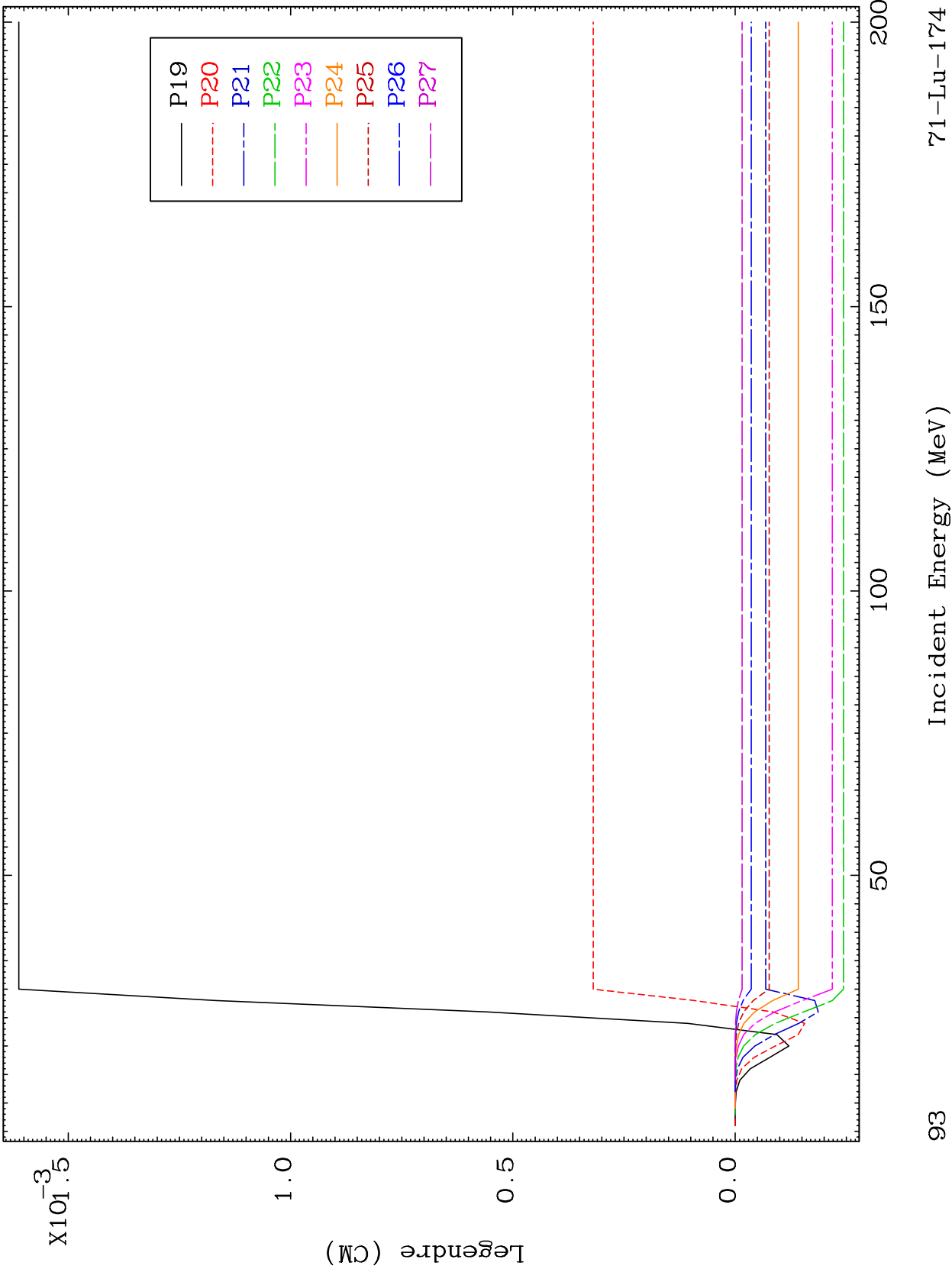
91



MAT 7122

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

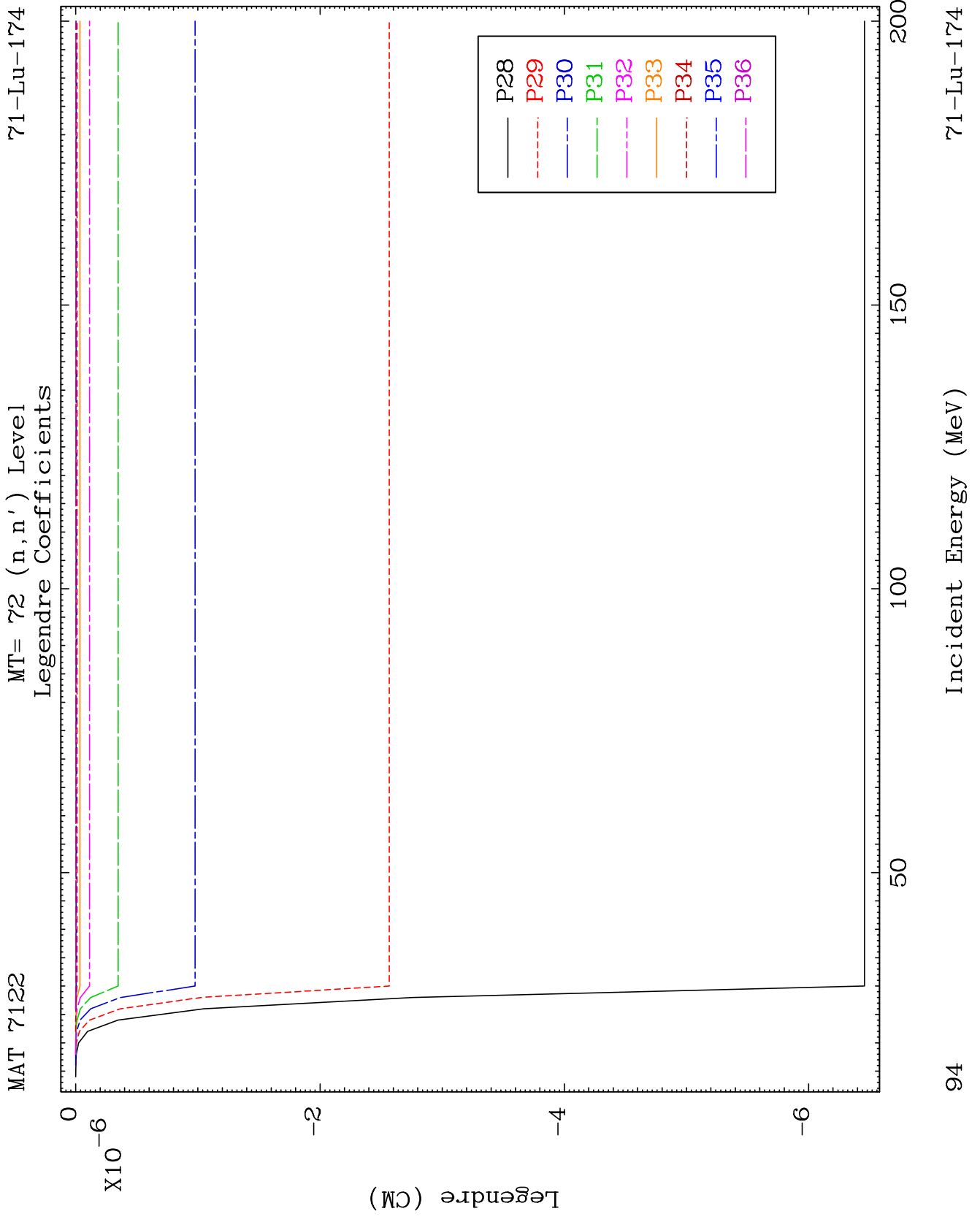
71-Lu-174



93

Incident Energy (MeV)

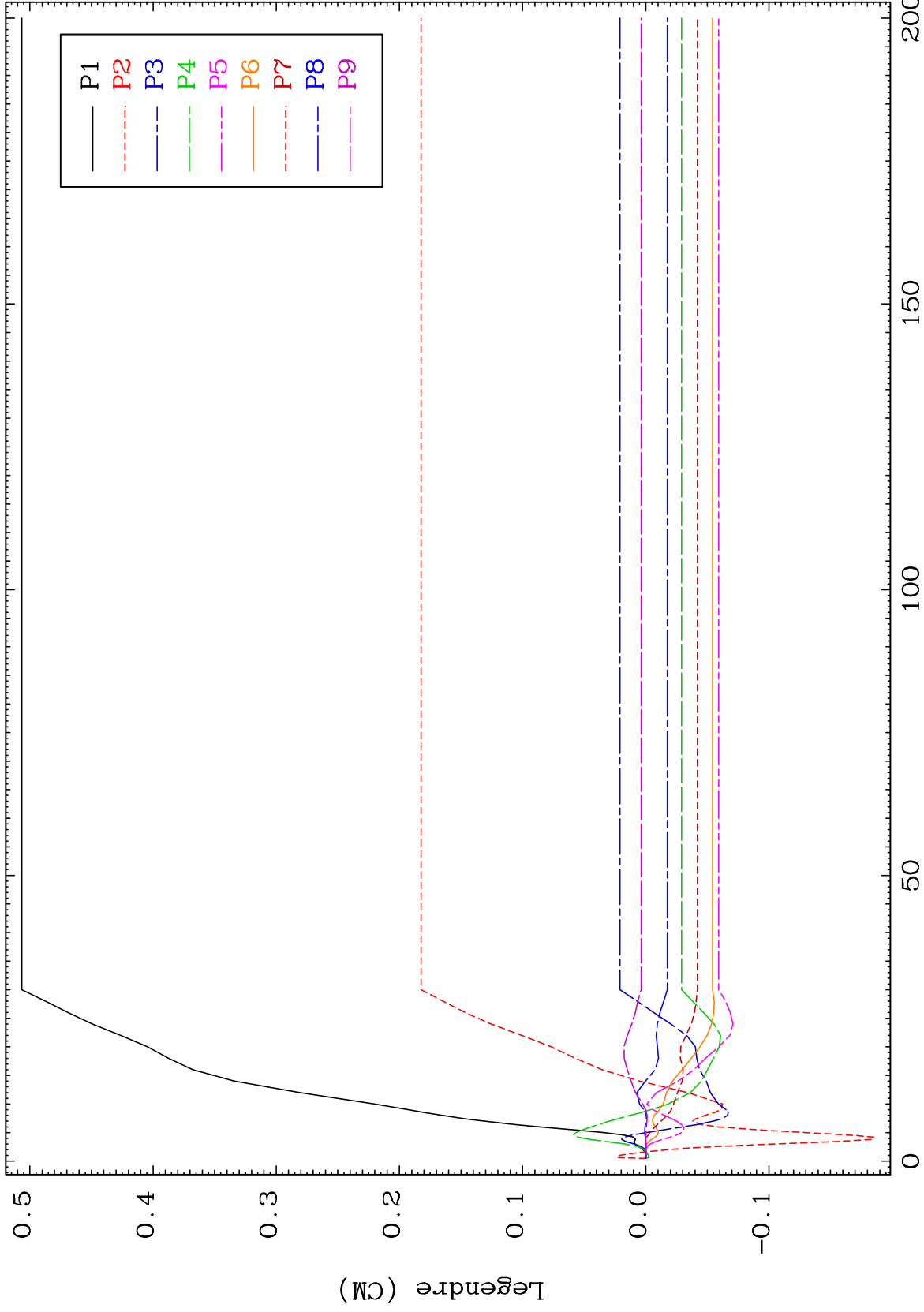
71-Lu-174



MAT 7122

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

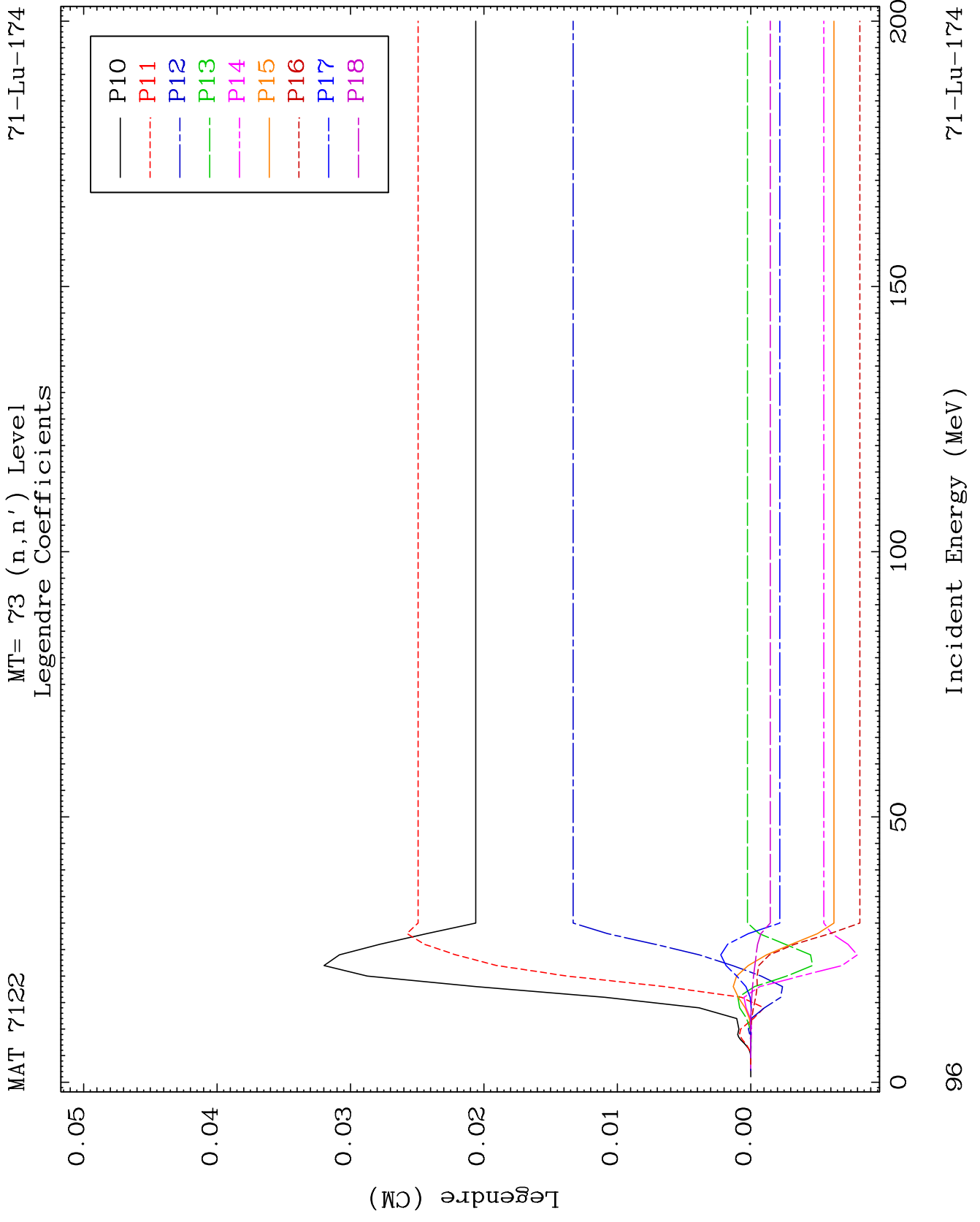
71-Lu-174



95

Incident Energy (MeV)

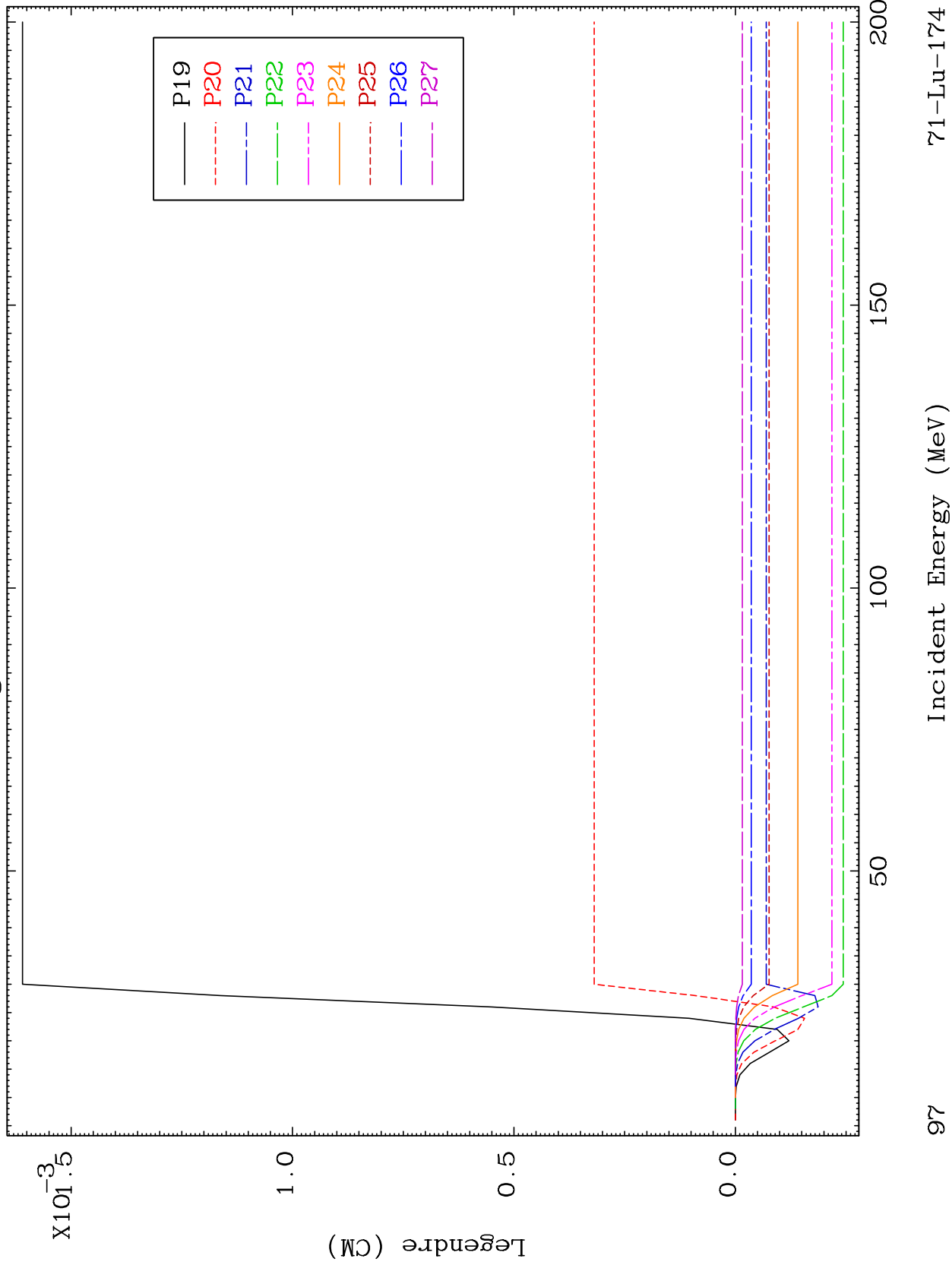
71-Lu-174



MAT 7122

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

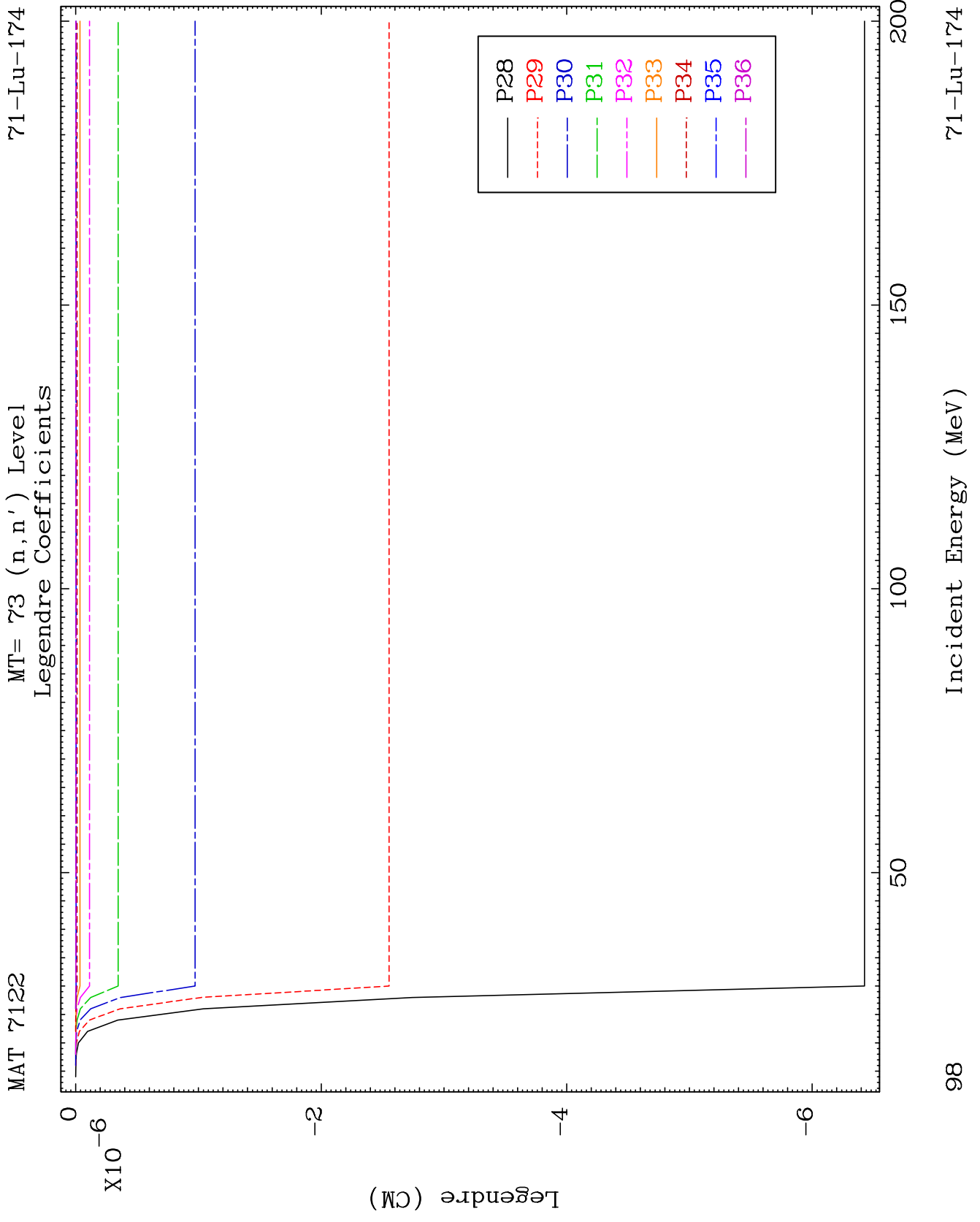
71-Lu-174



97

Incident Energy (MeV)

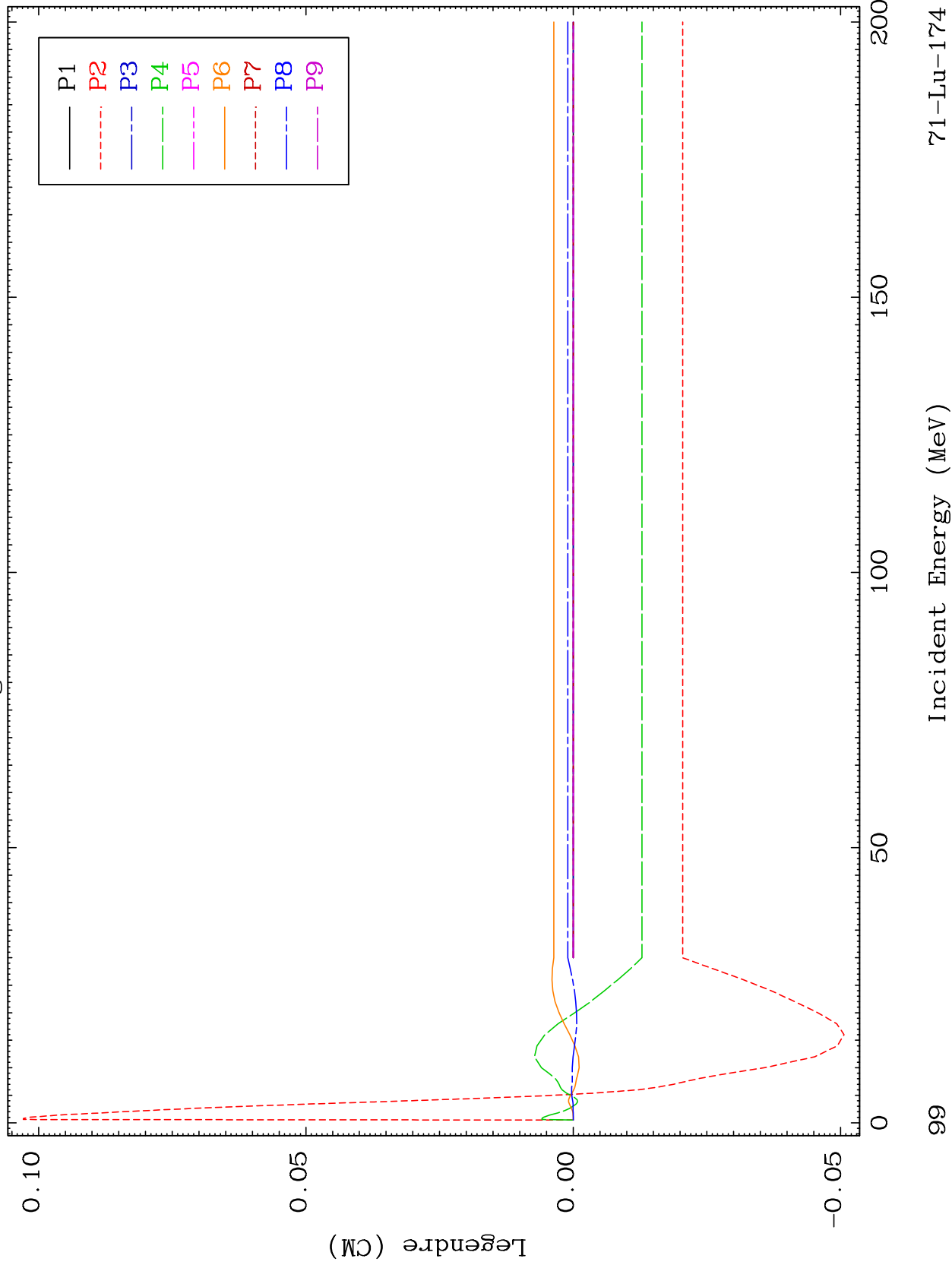
71-Lu-174



MAT 7122

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

71-Lu-174



71-Lu-174

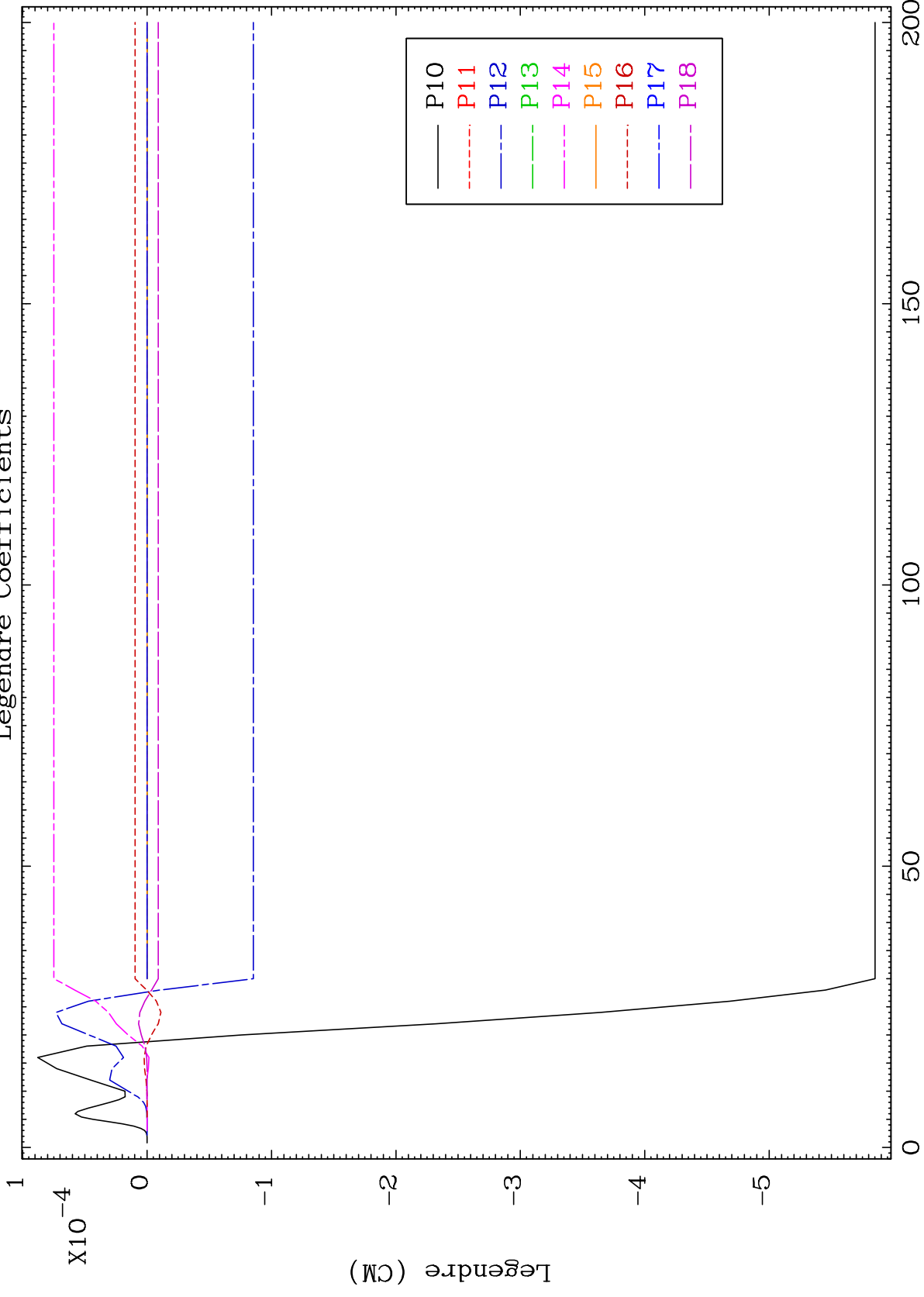
Incident Energy (MeV)

99

MAT 7122

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

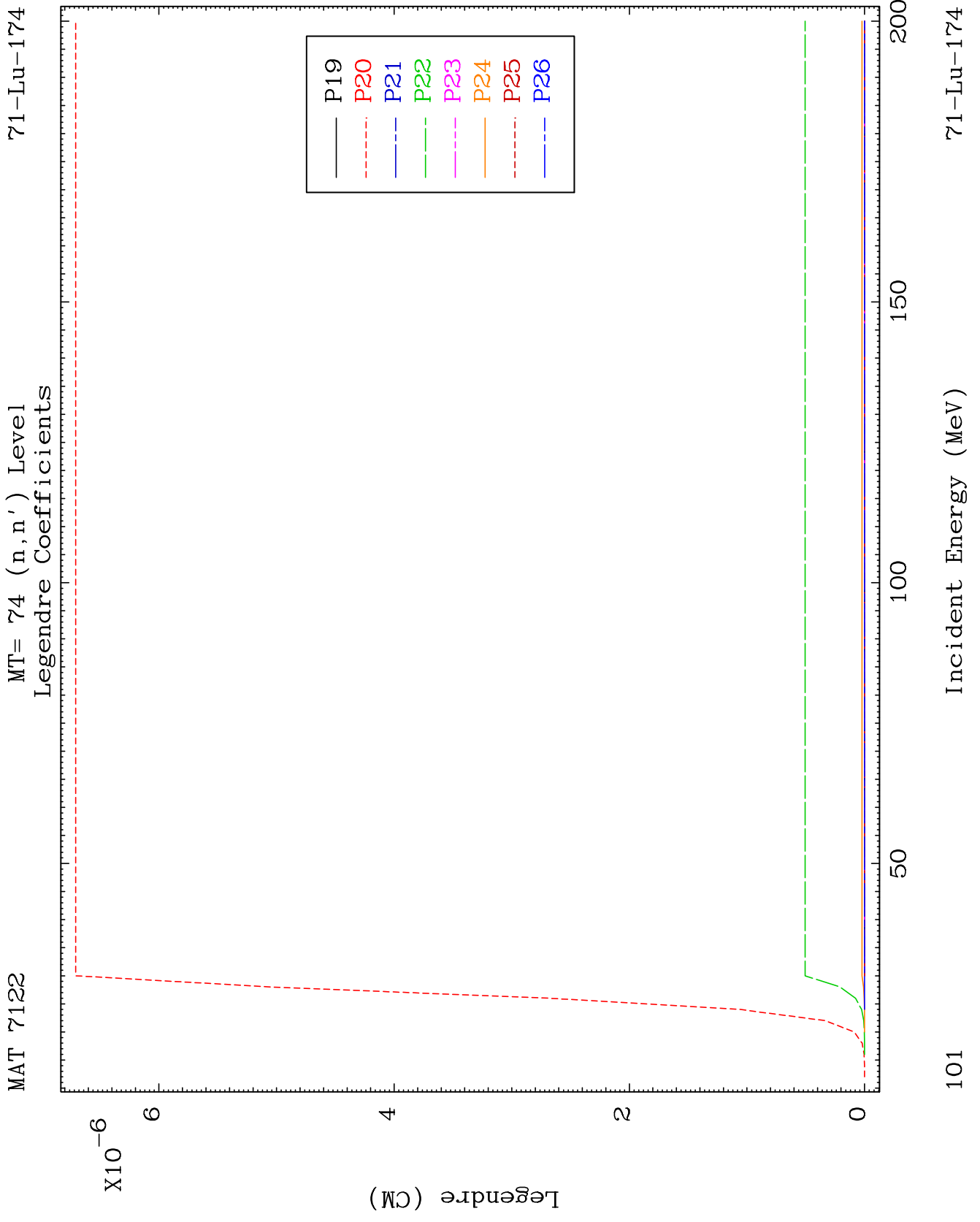
71-Lu-174

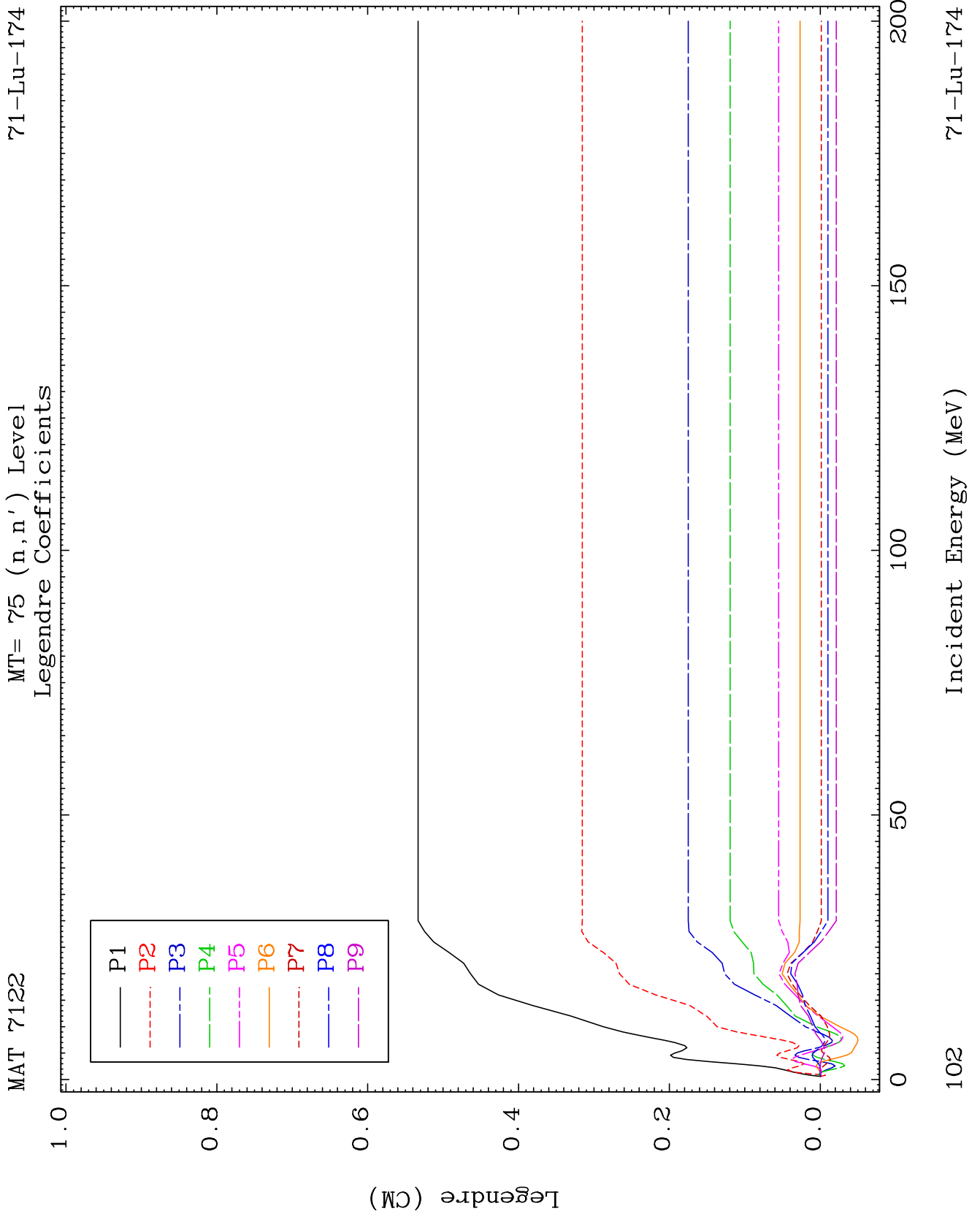


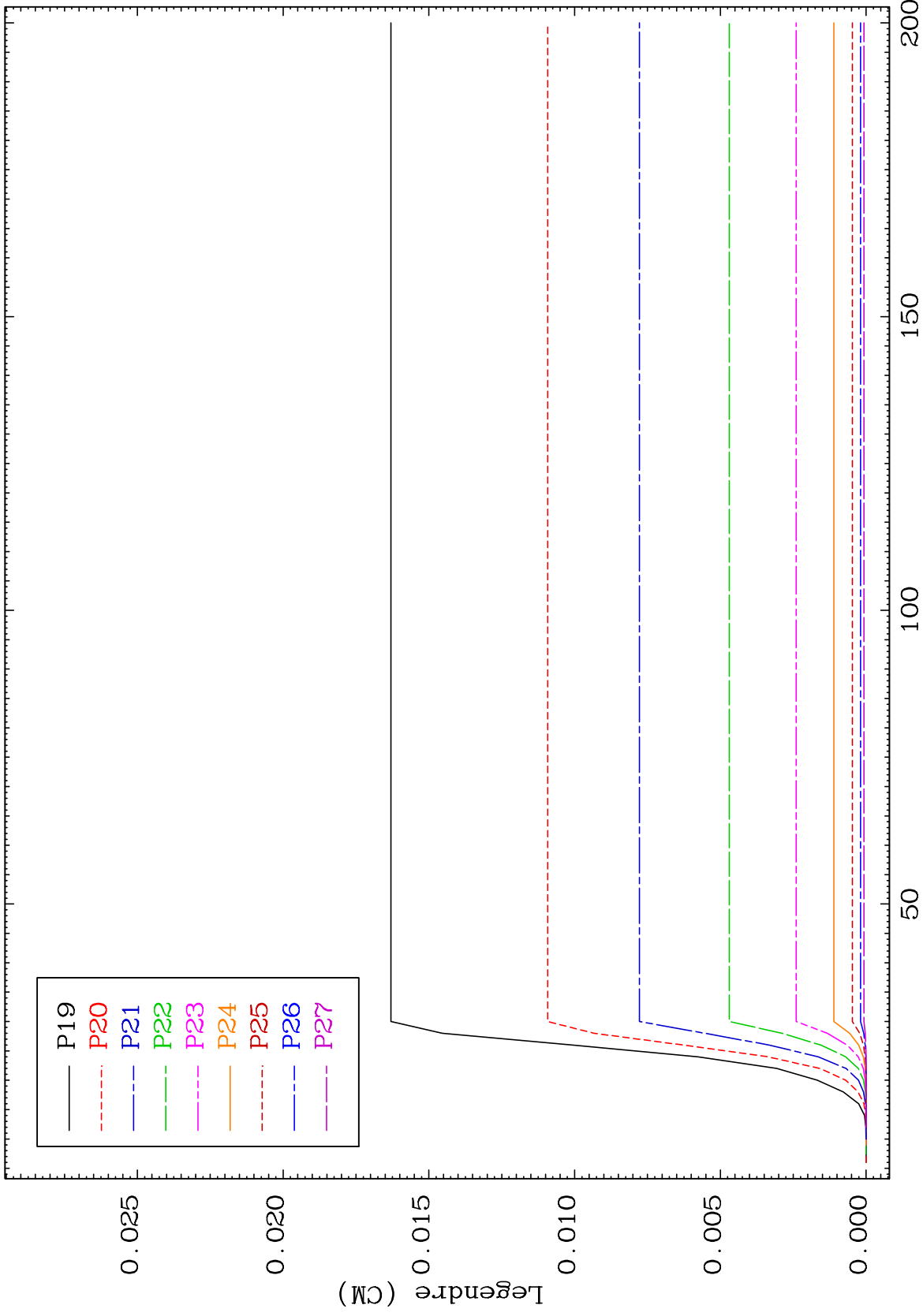
100

Incident Energy (MeV)

71-Lu-174



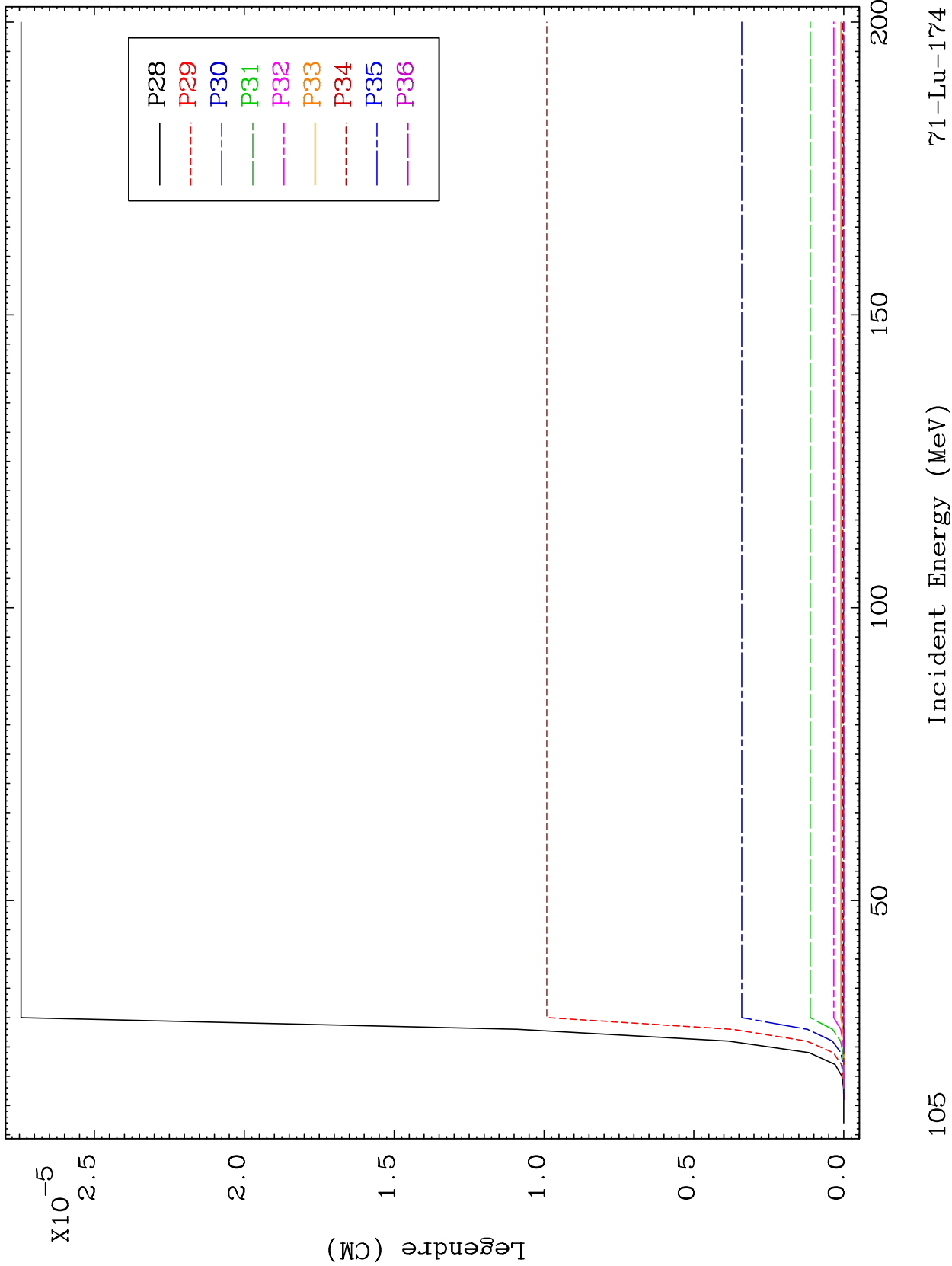




MAT 7122

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

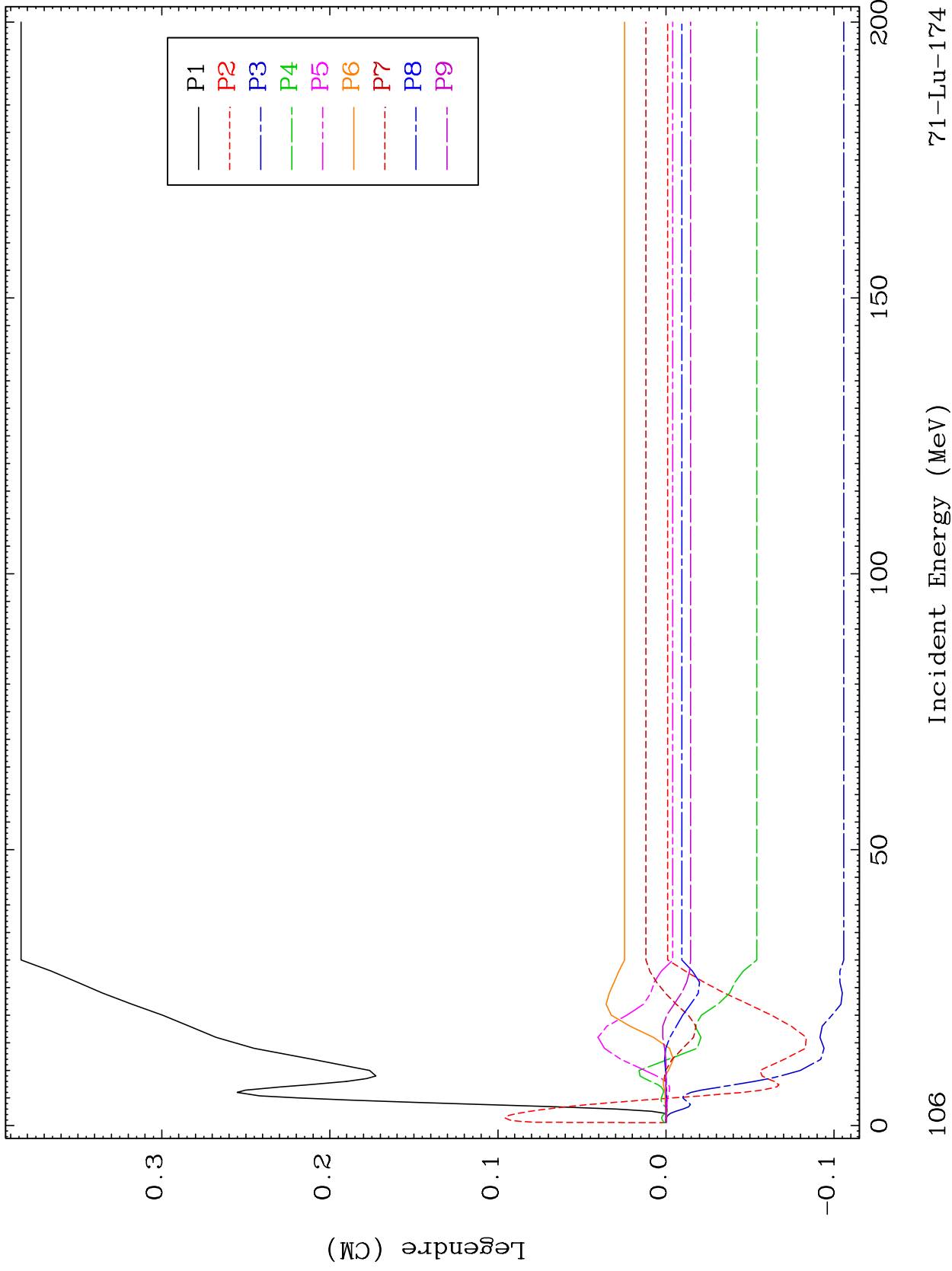
71-Lu-174



MAT 7122

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

71-Lu-174



71-Lu-174

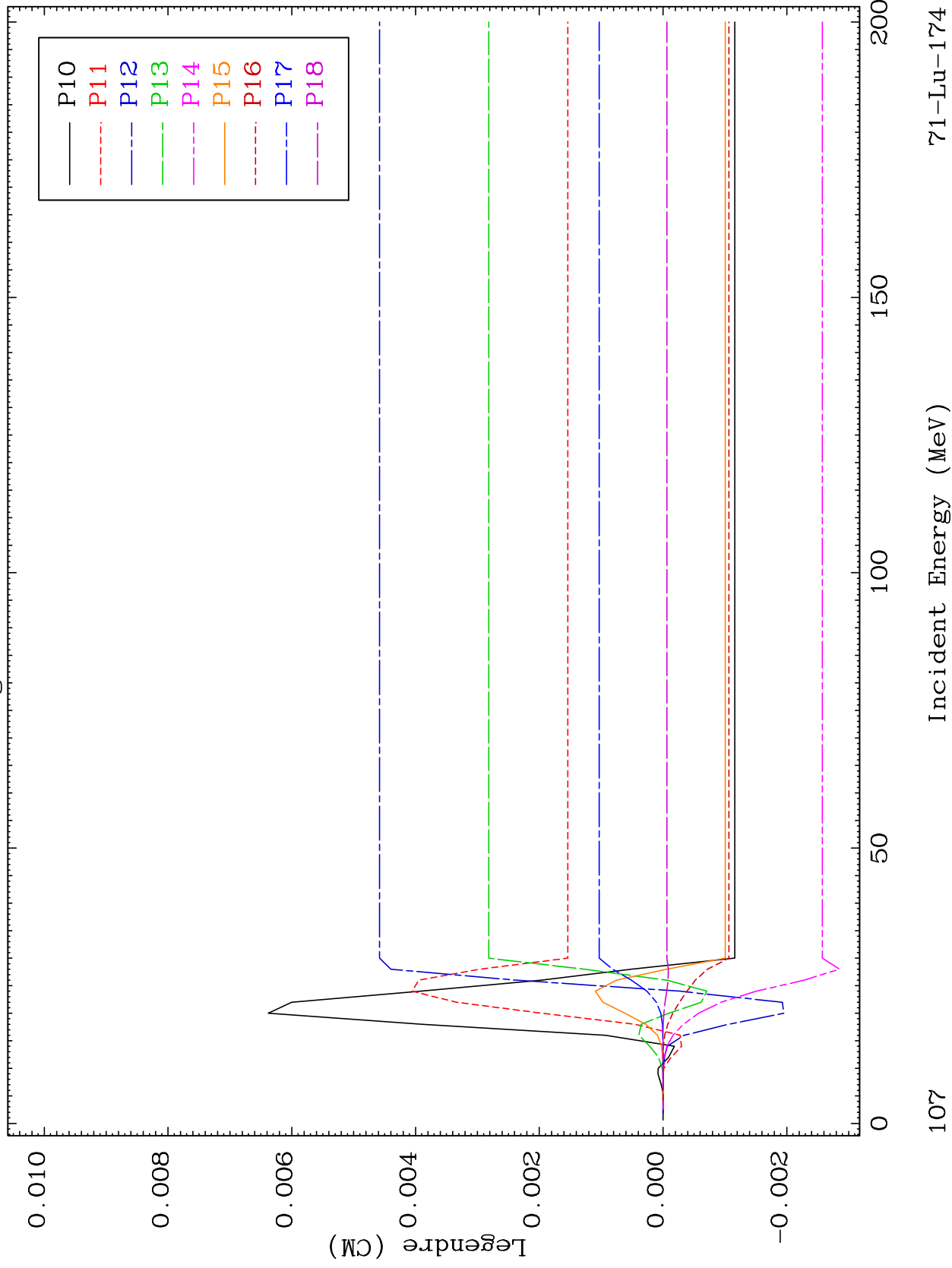
Incident Energy (MeV)

106

MAT 7122

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

71-Lu-174



107

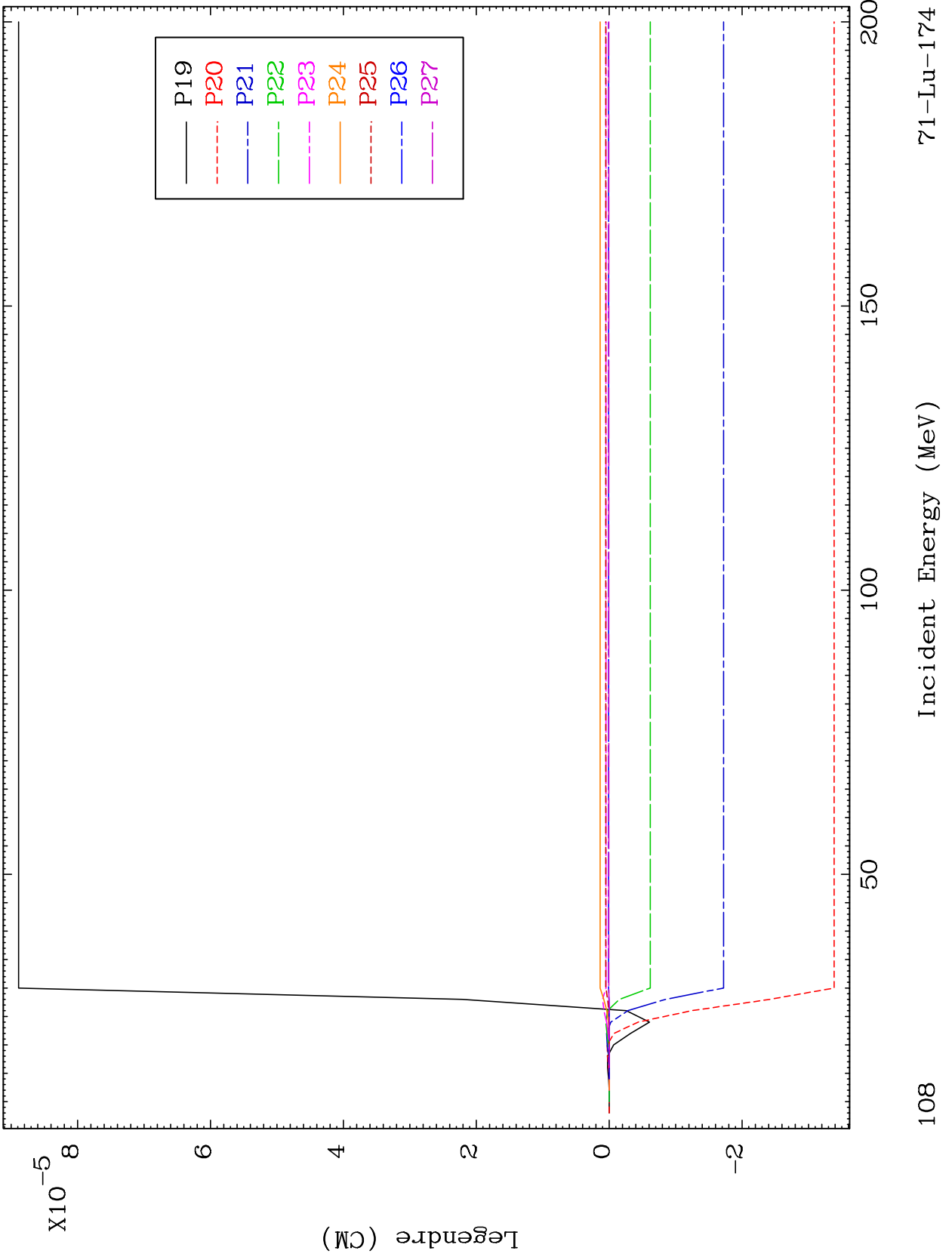
Incident Energy (MeV)

71-Lu-174

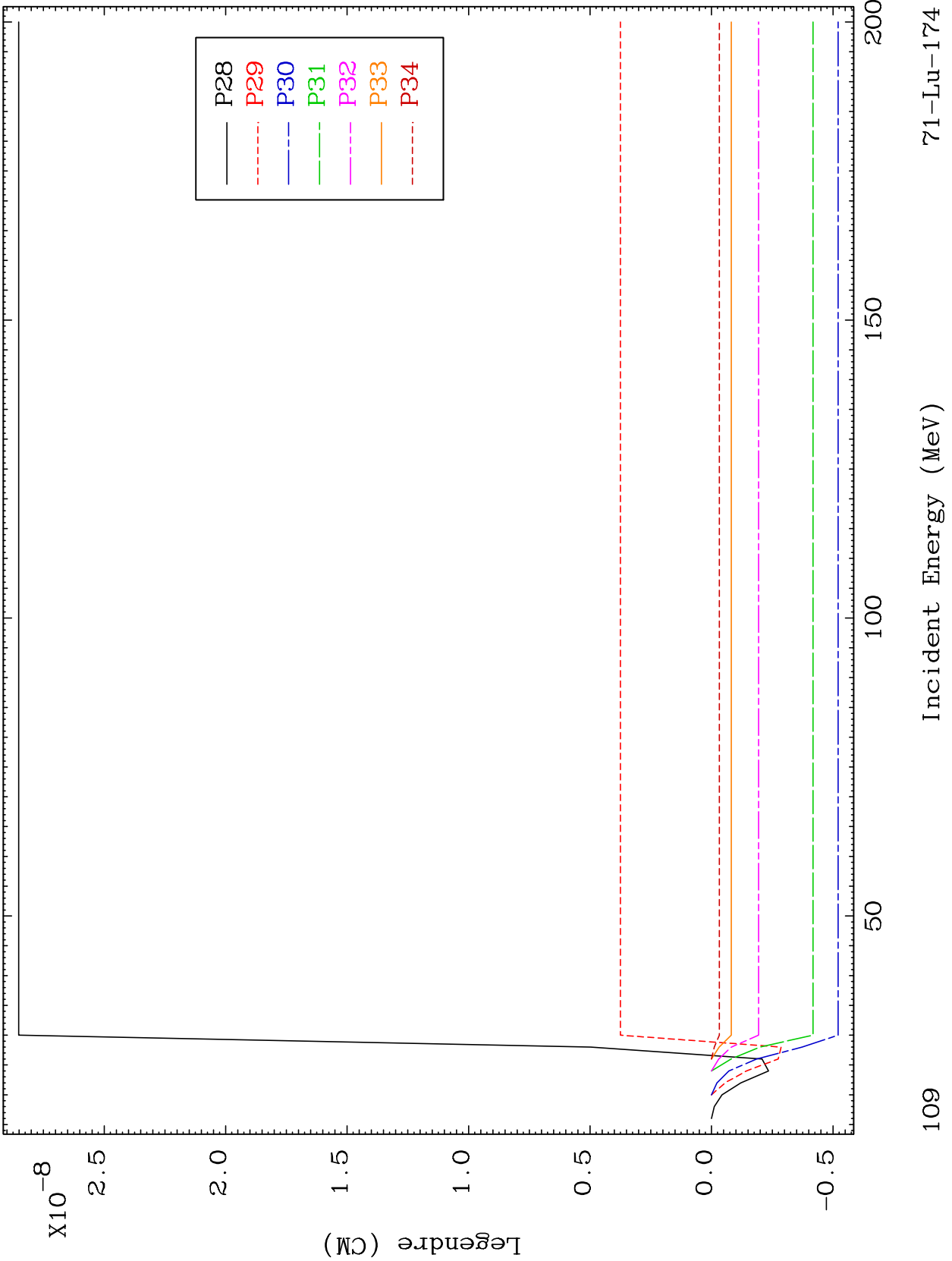
MAT 7122

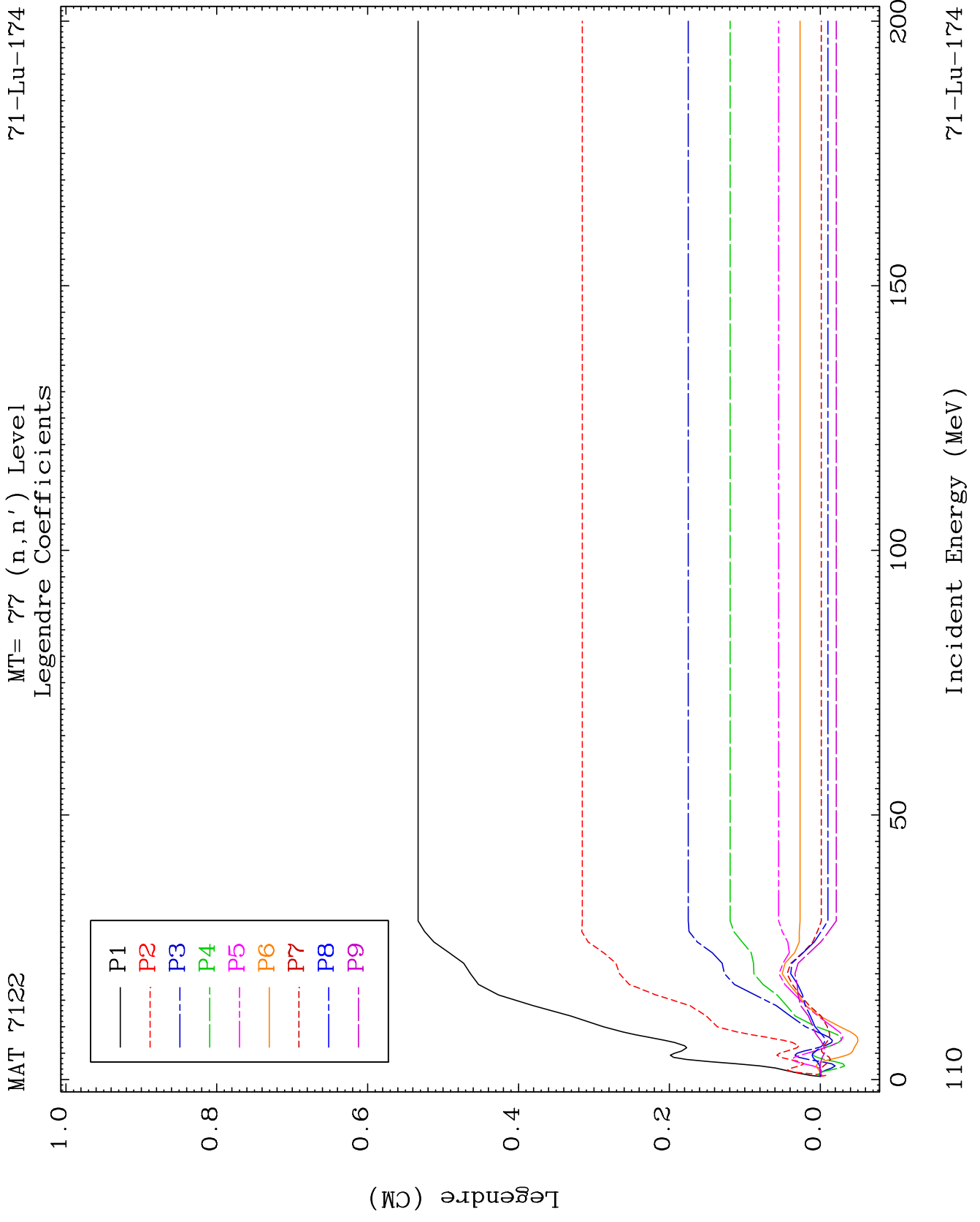
MT= 76 (n,n') Level
Legendre Coefficients

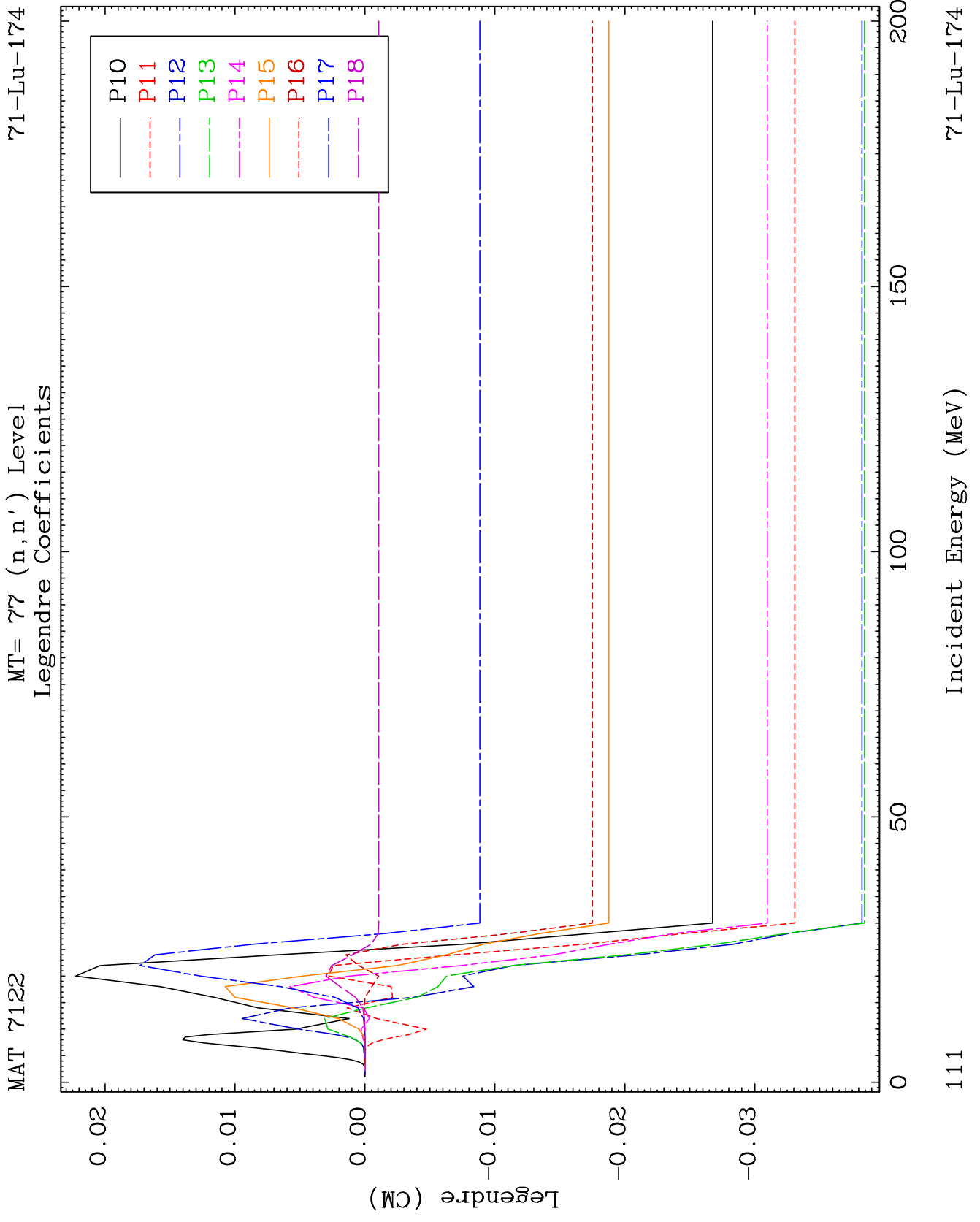
71-Lu-174

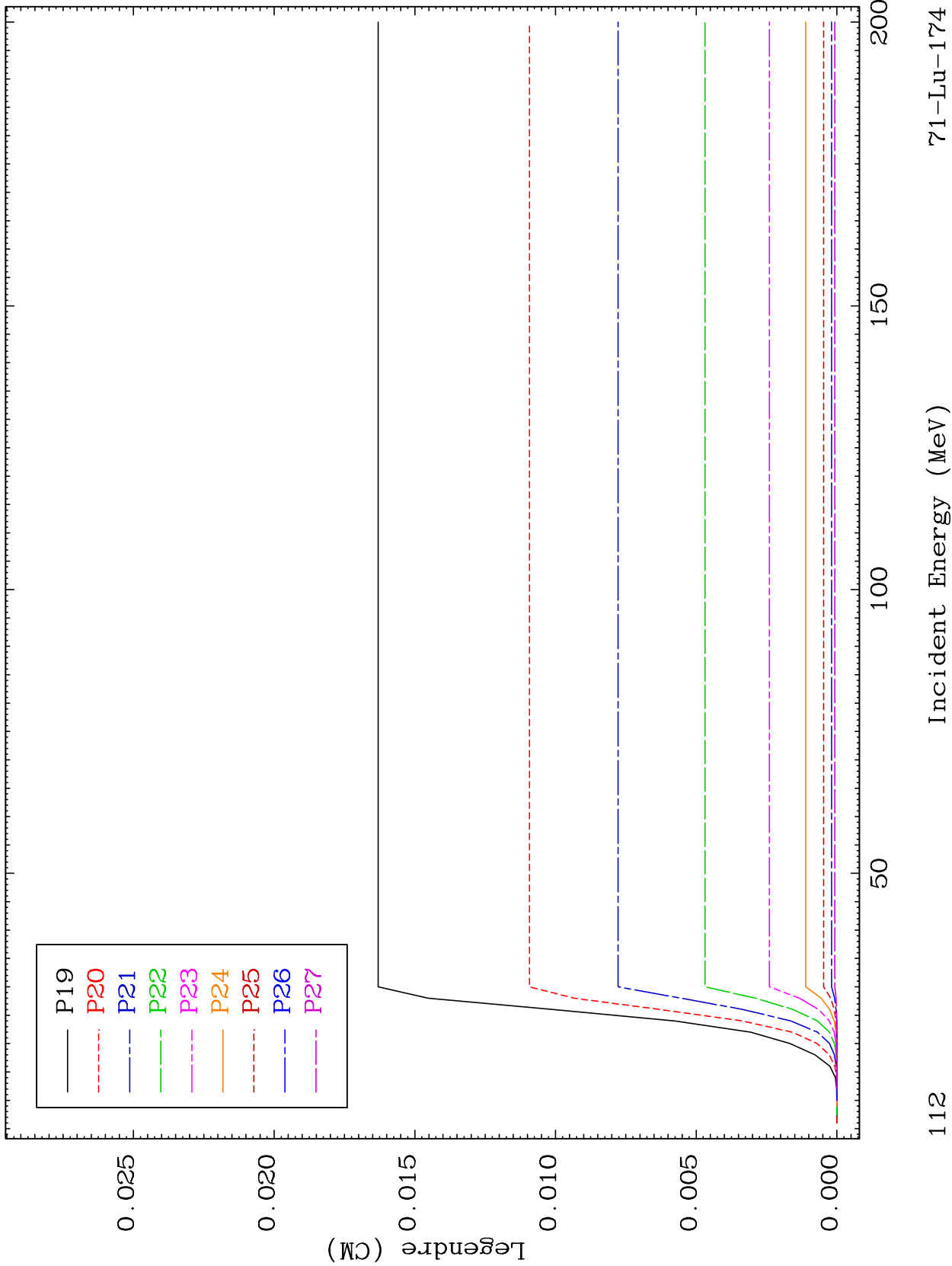


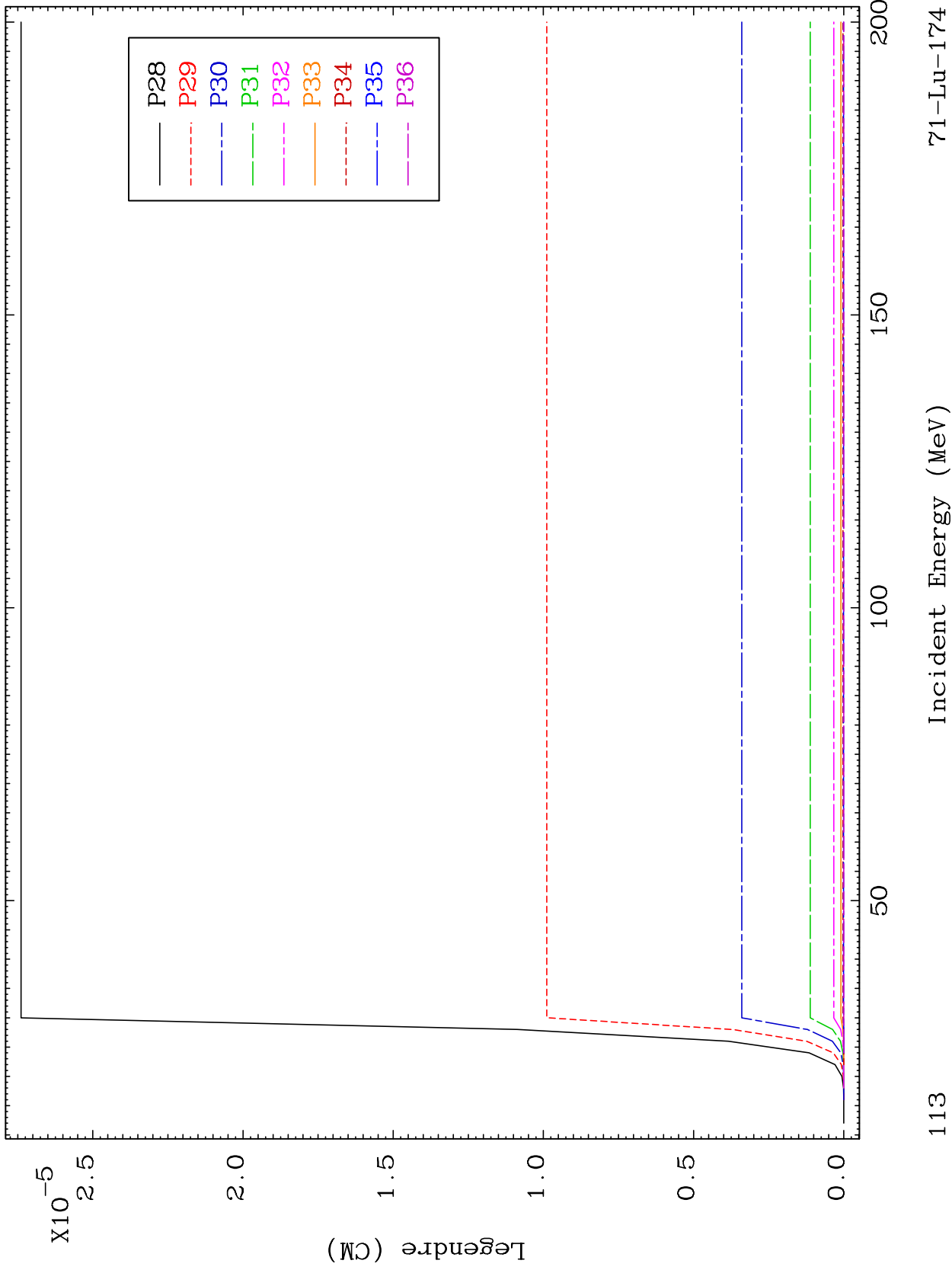
108







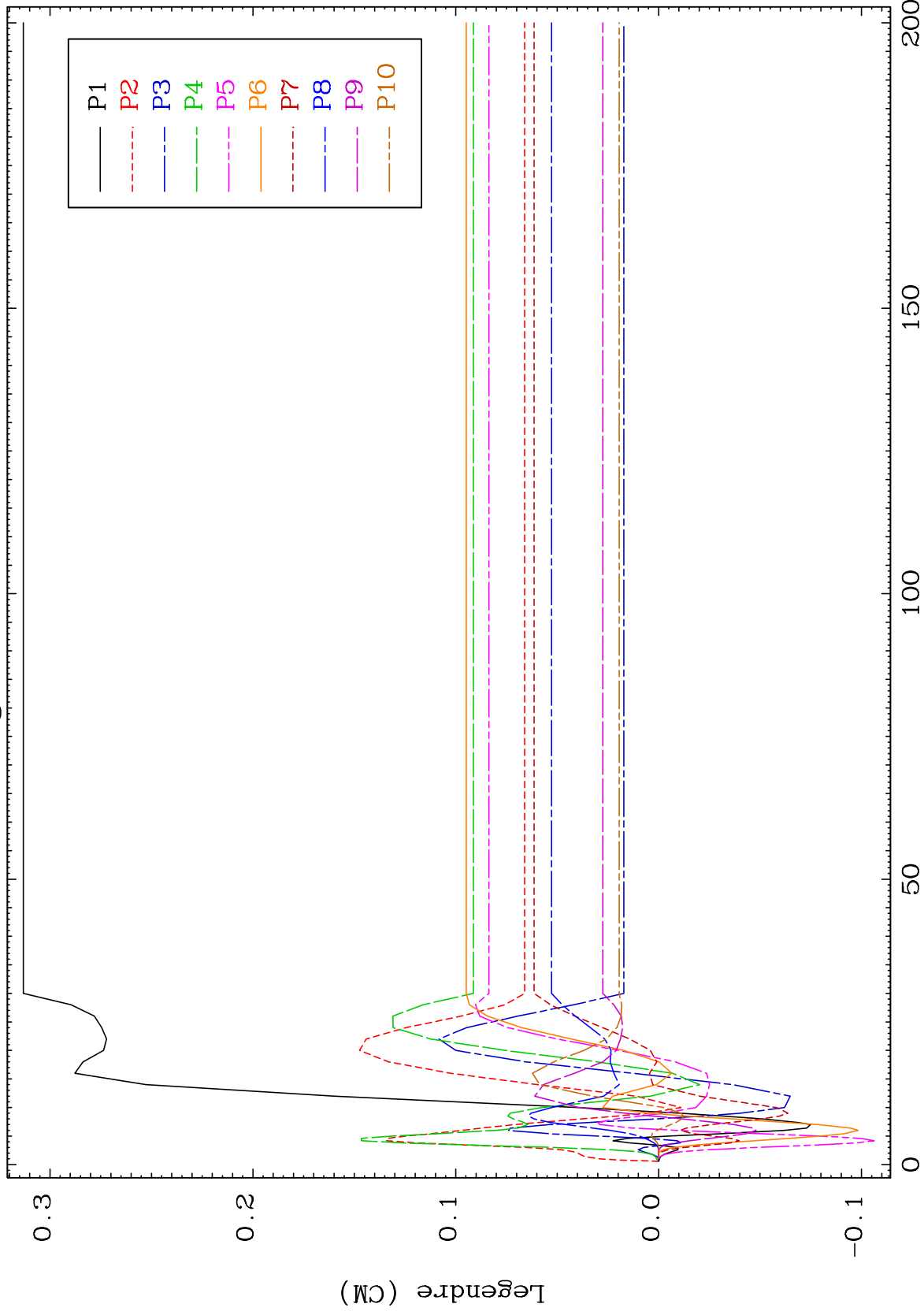




MAT 7122

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

71-Lu-174



71-Lu-174

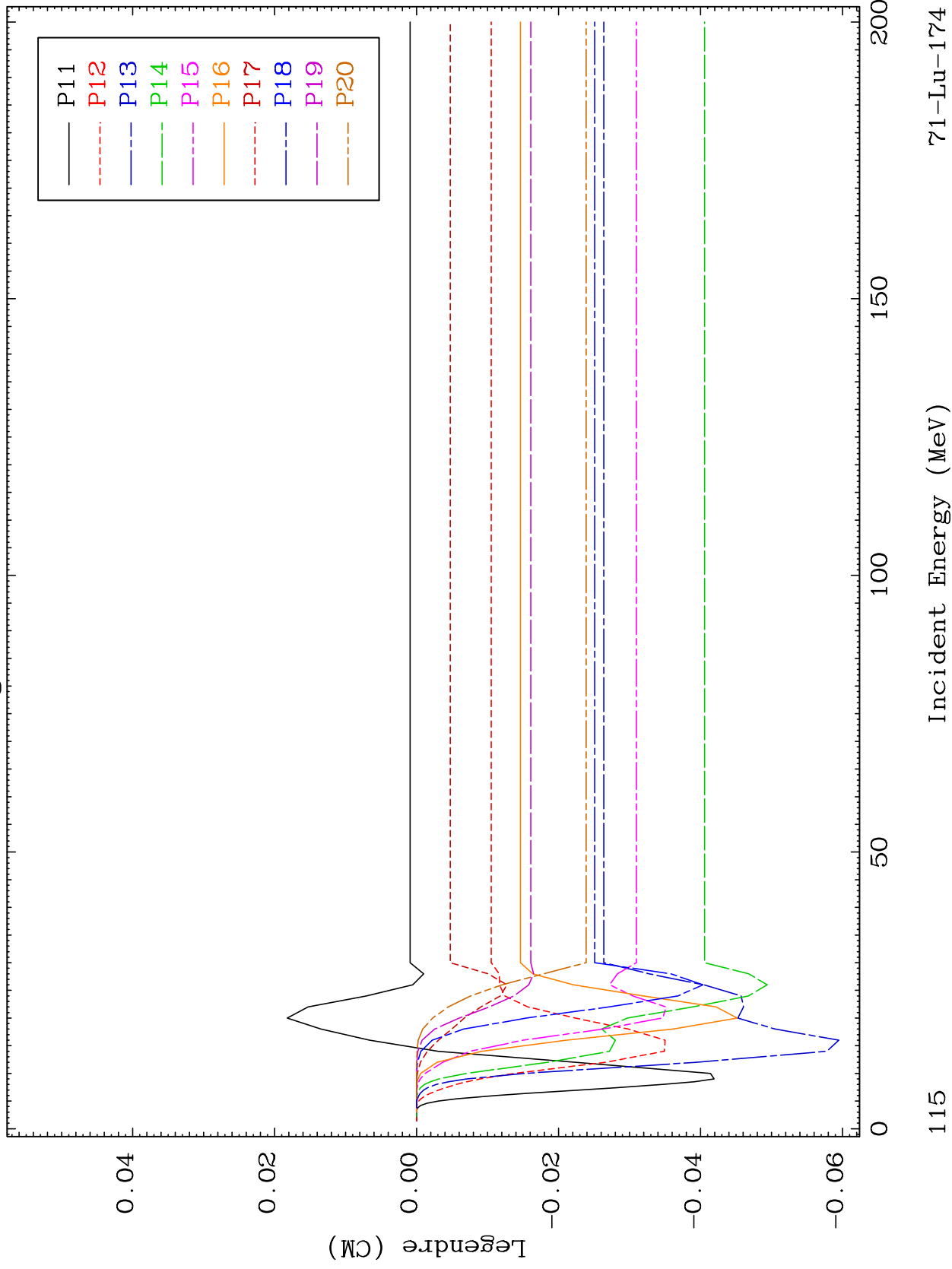
Incident Energy (MeV)

114

MAT 7122

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

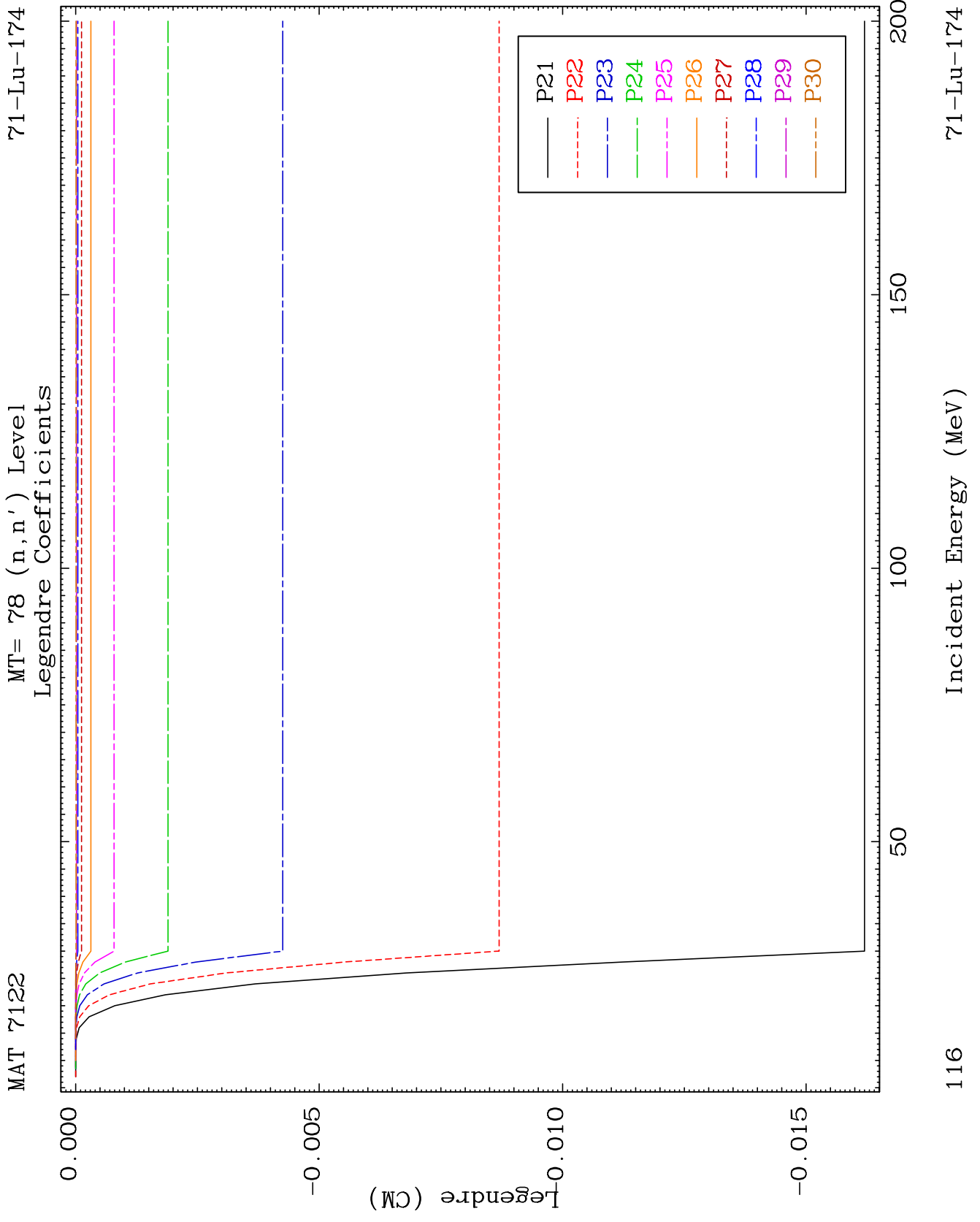
71-Lu-174

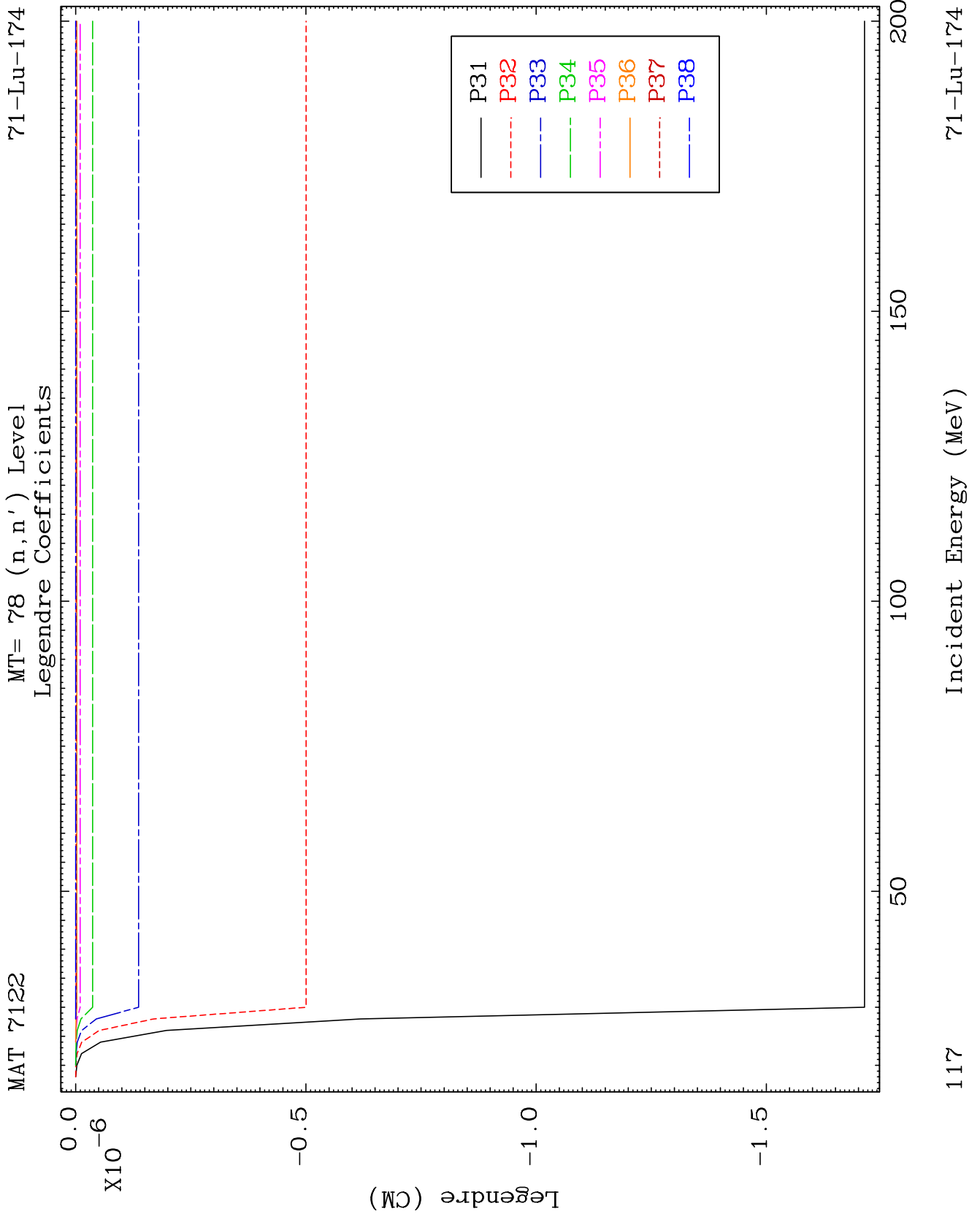


71-Lu-174

Incident Energy (MeV)

115

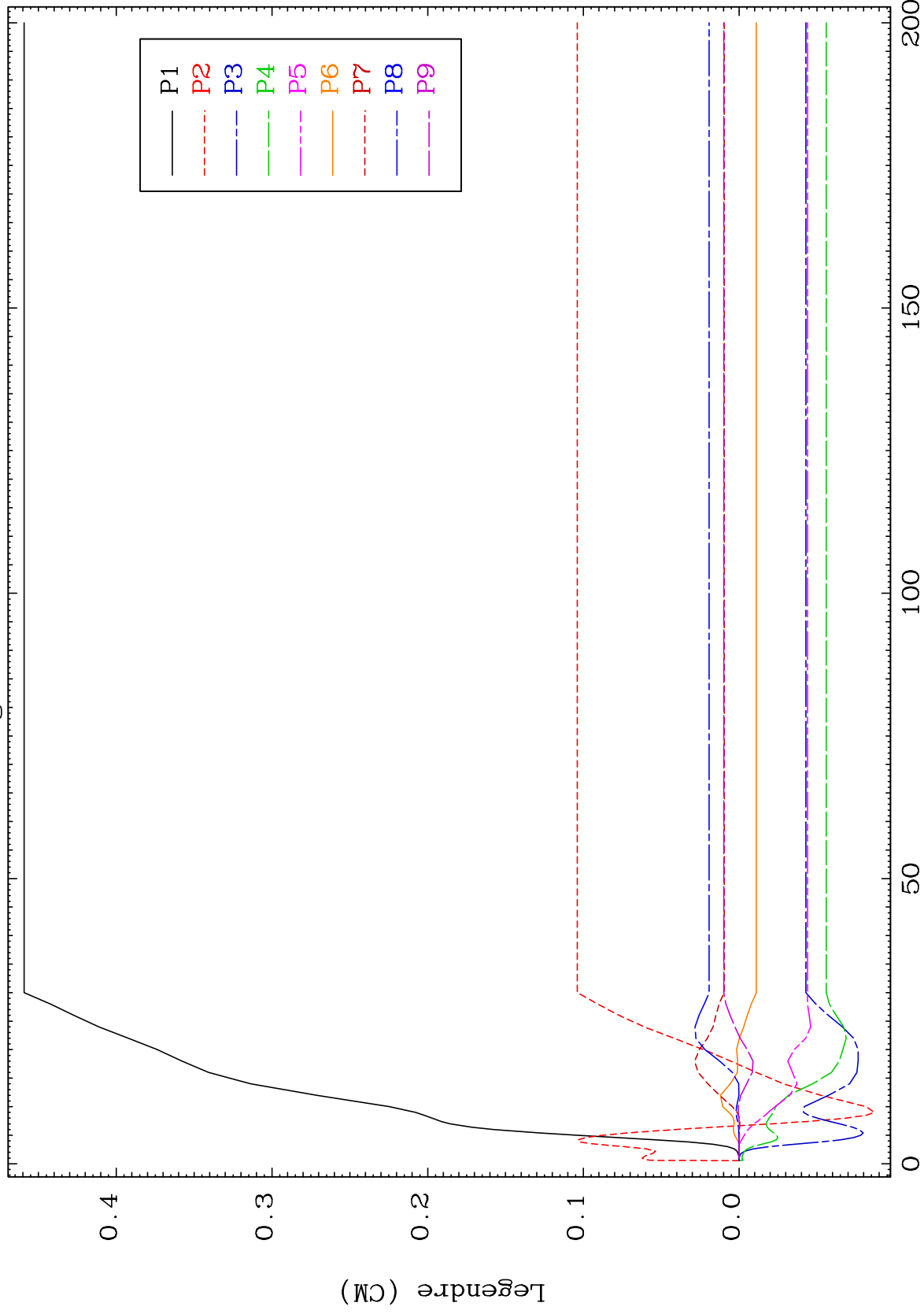




MAT 7122

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

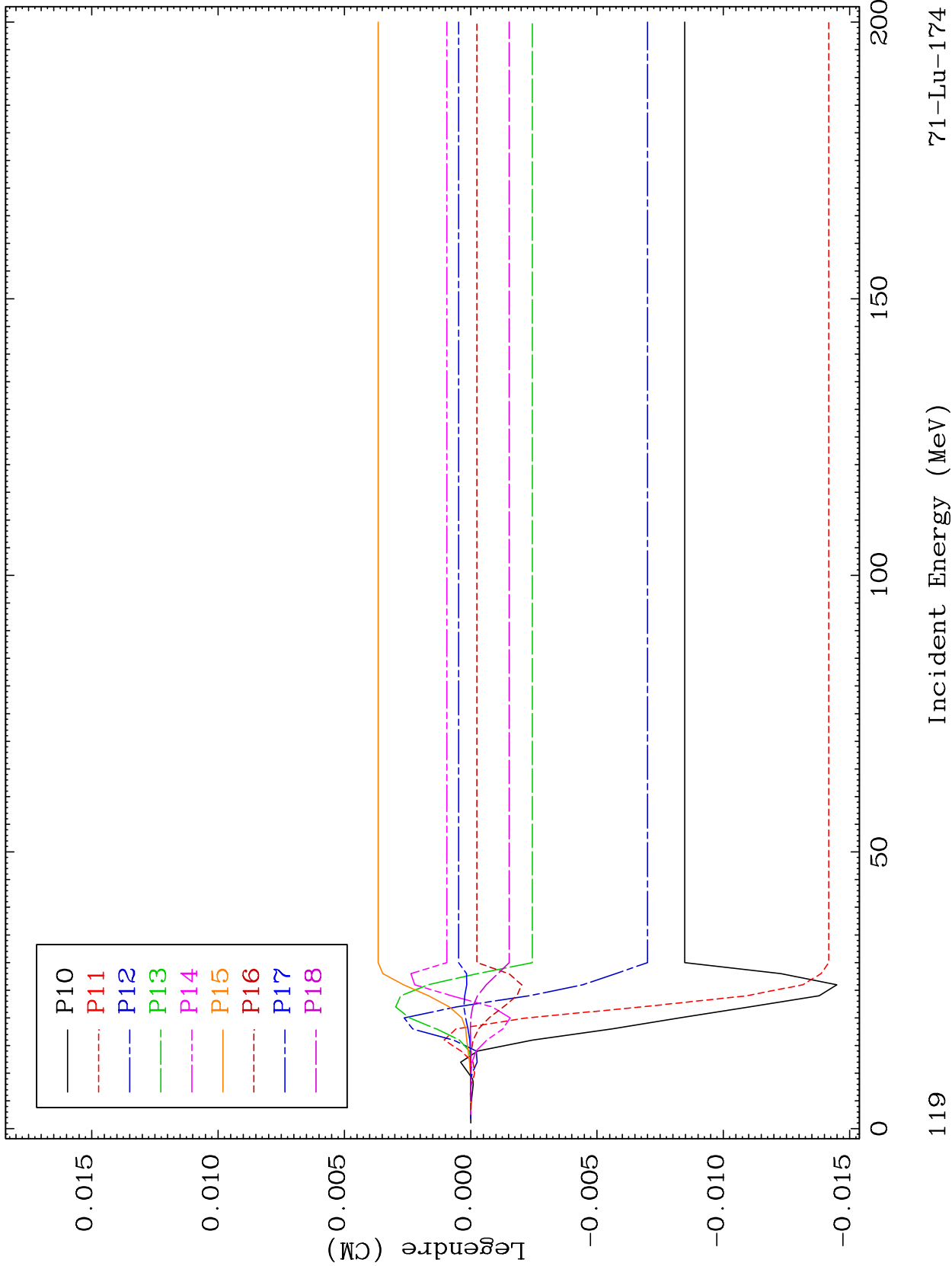
71-Lu-174



118

Incident Energy (MeV)

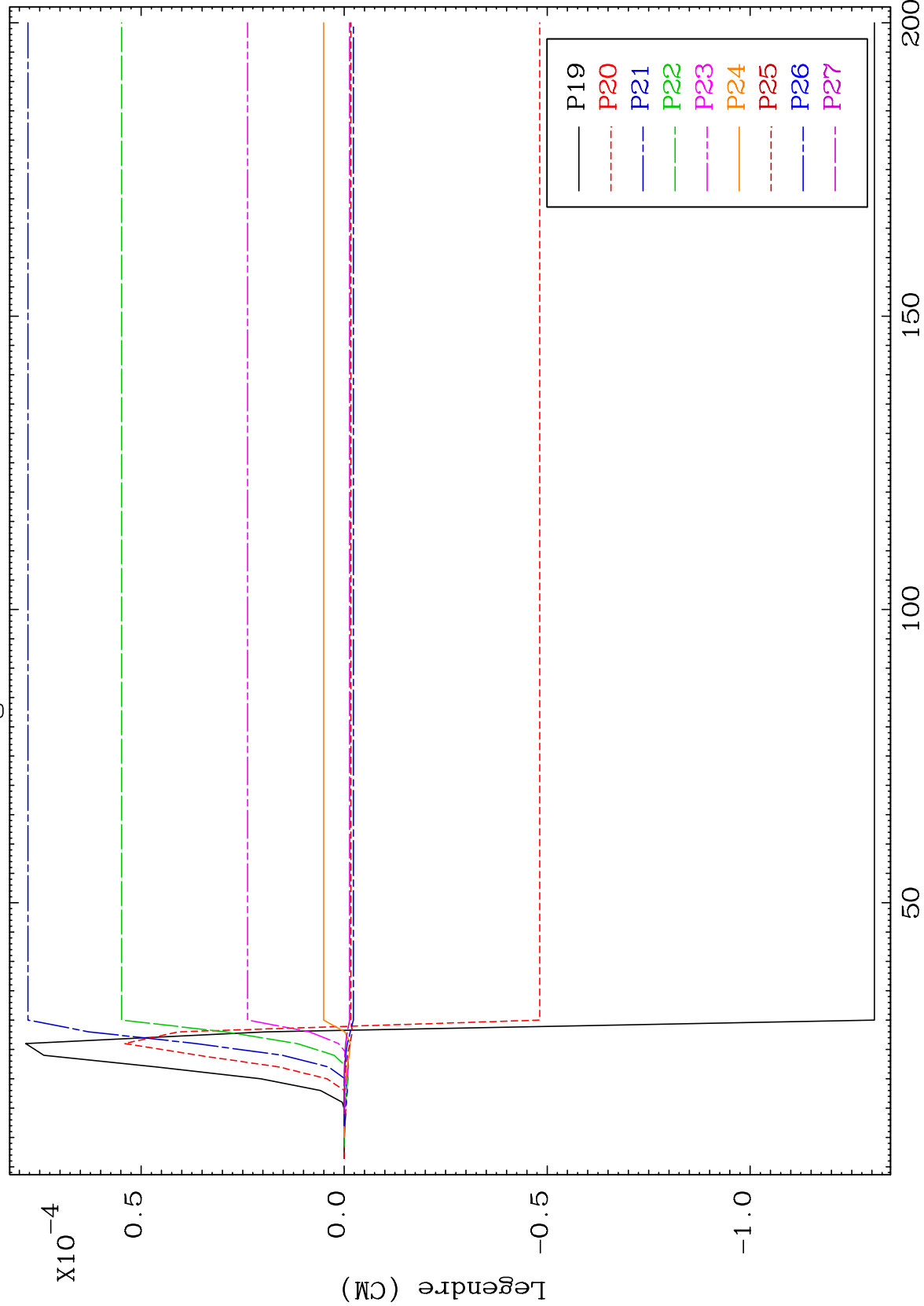
71-Lu-174



MAT 7122

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

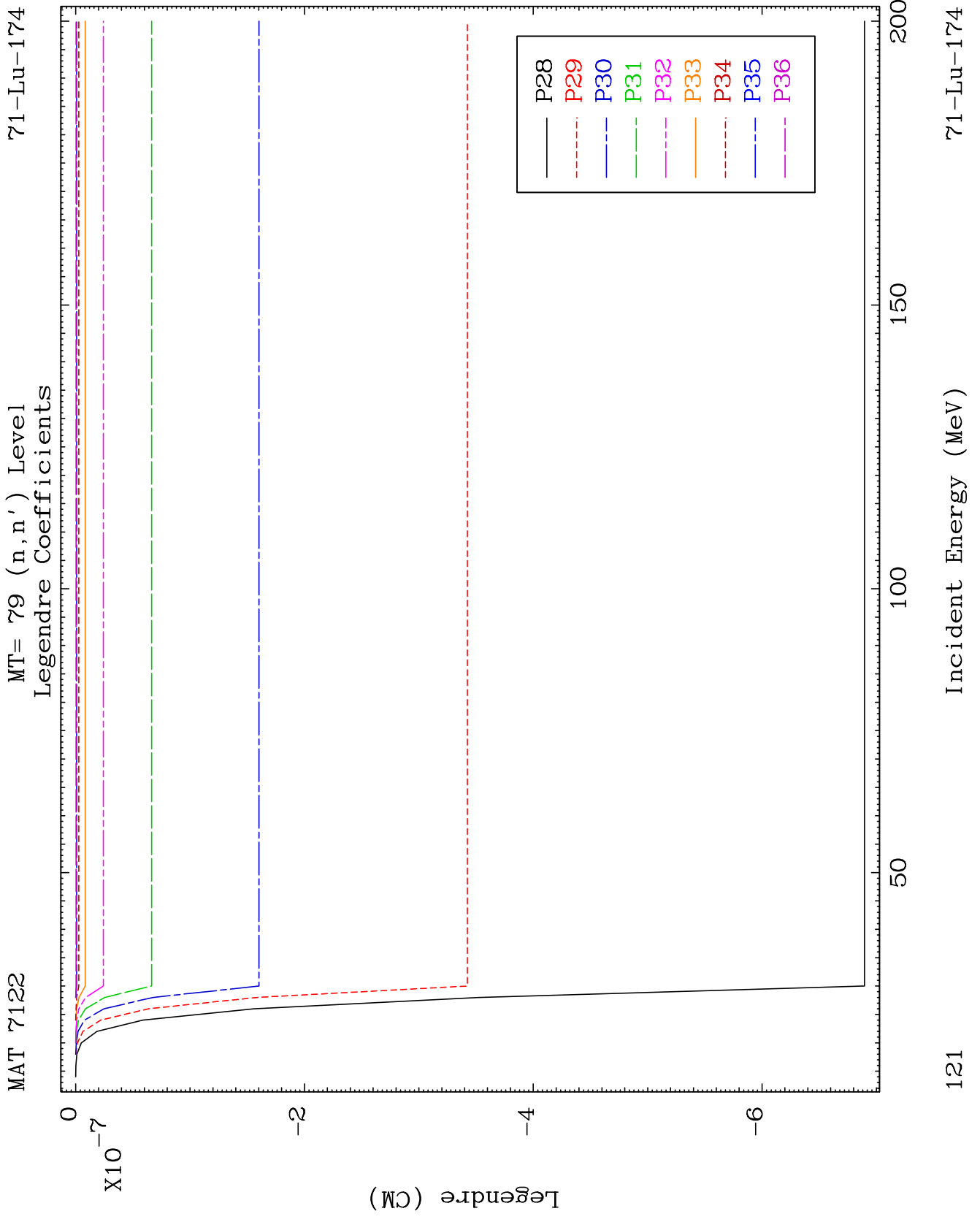
71-Lu-174

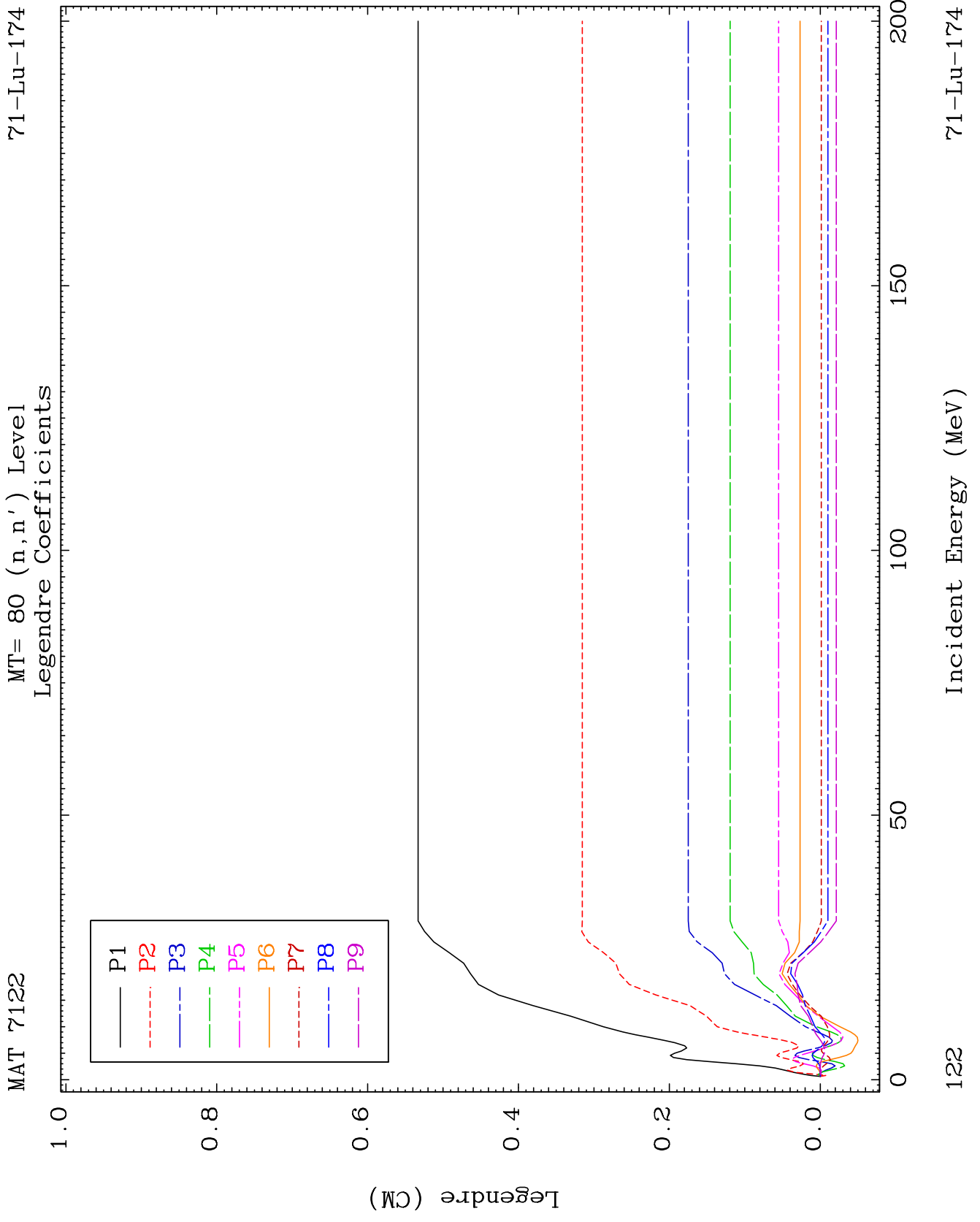


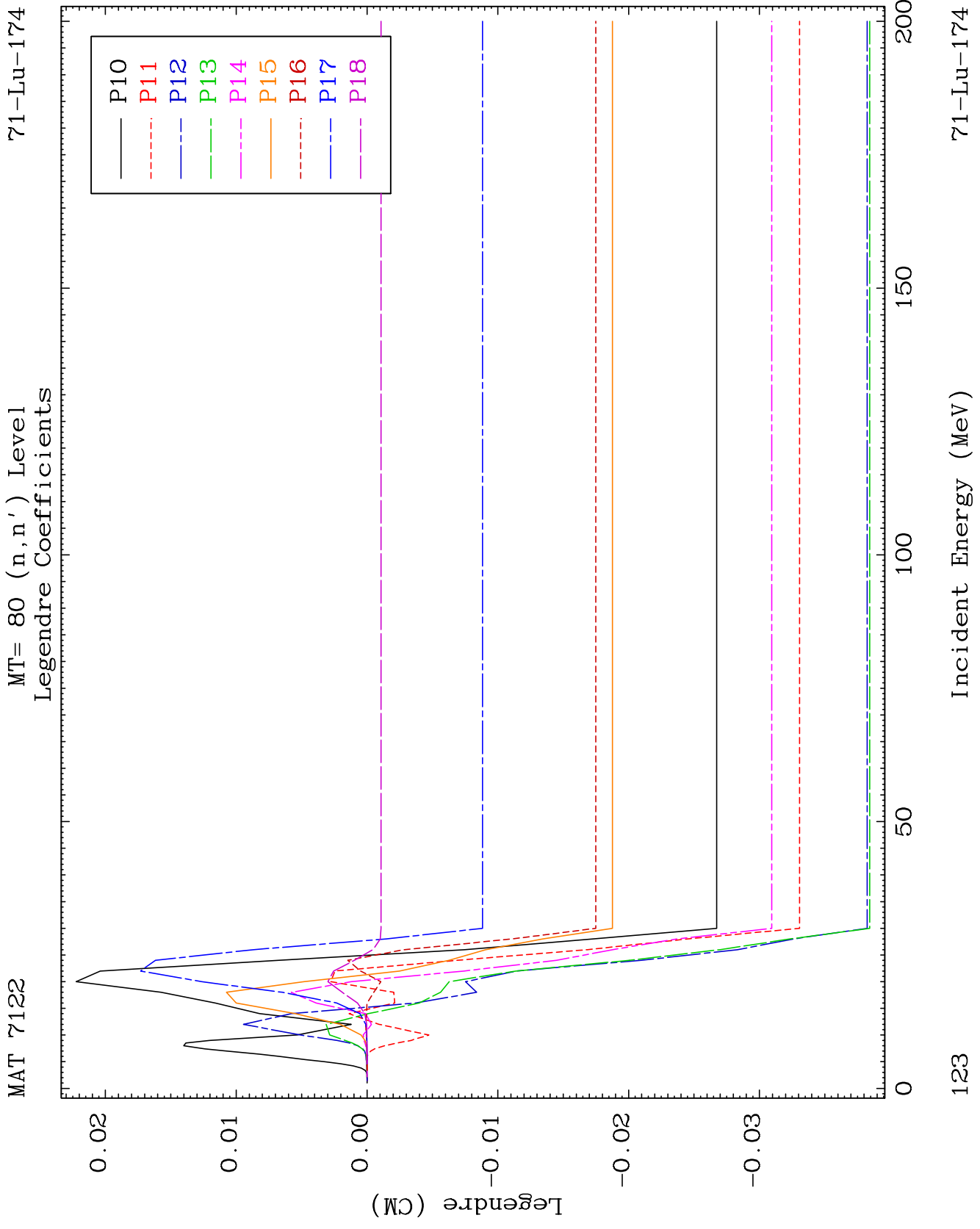
120

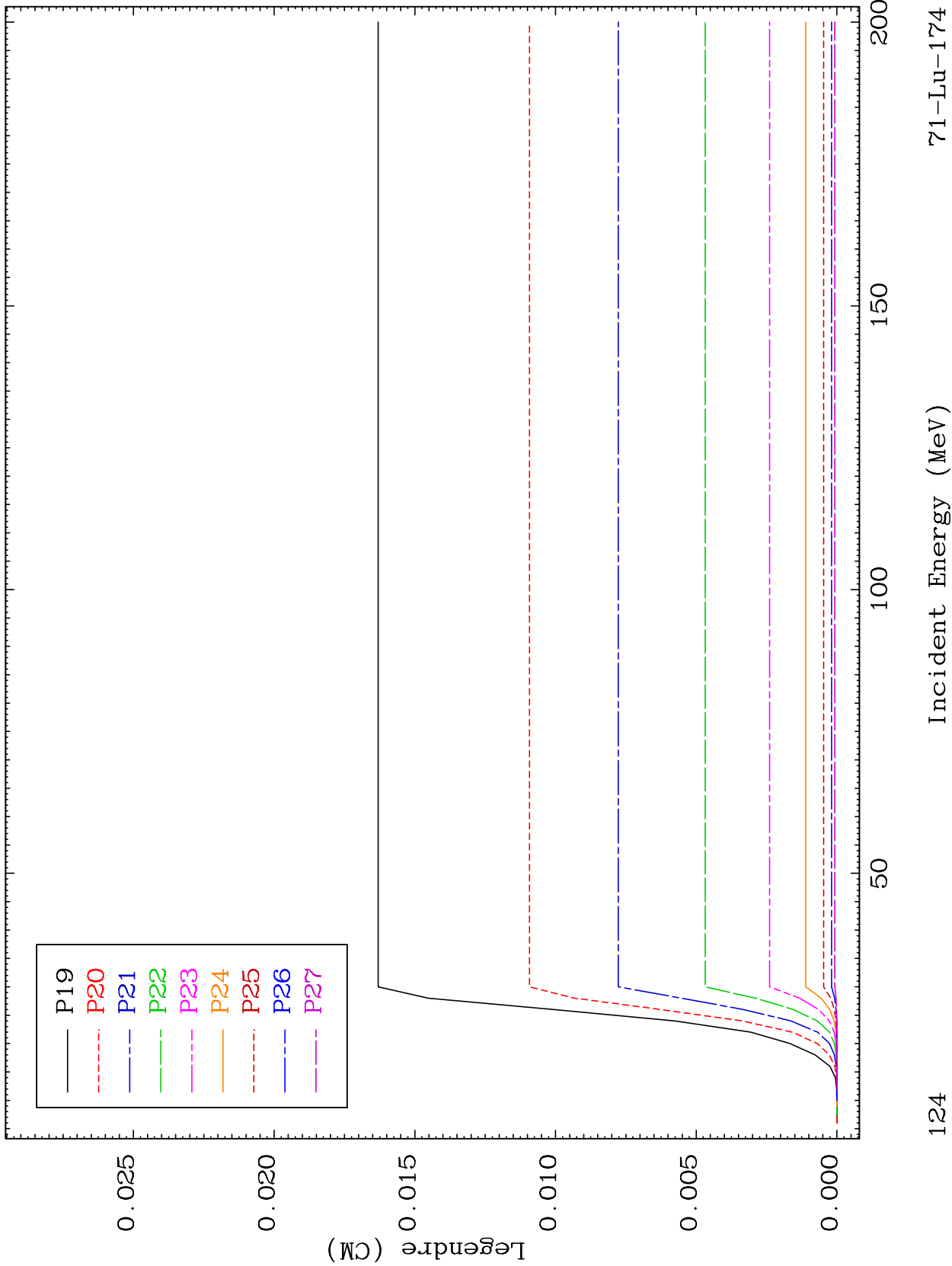
Incident Energy (MeV)

71-Lu-174





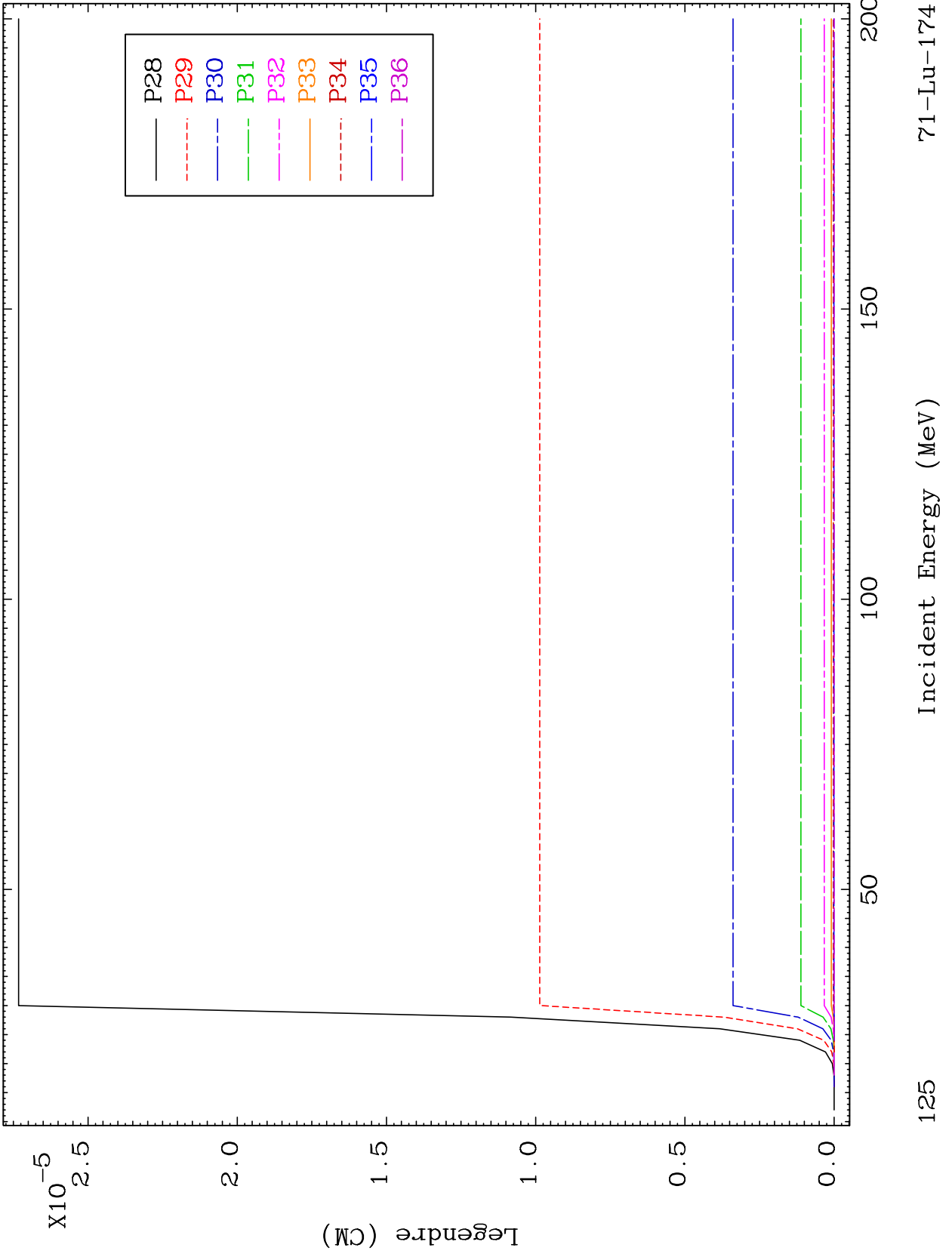




MAT 7122

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

71-Lu-174

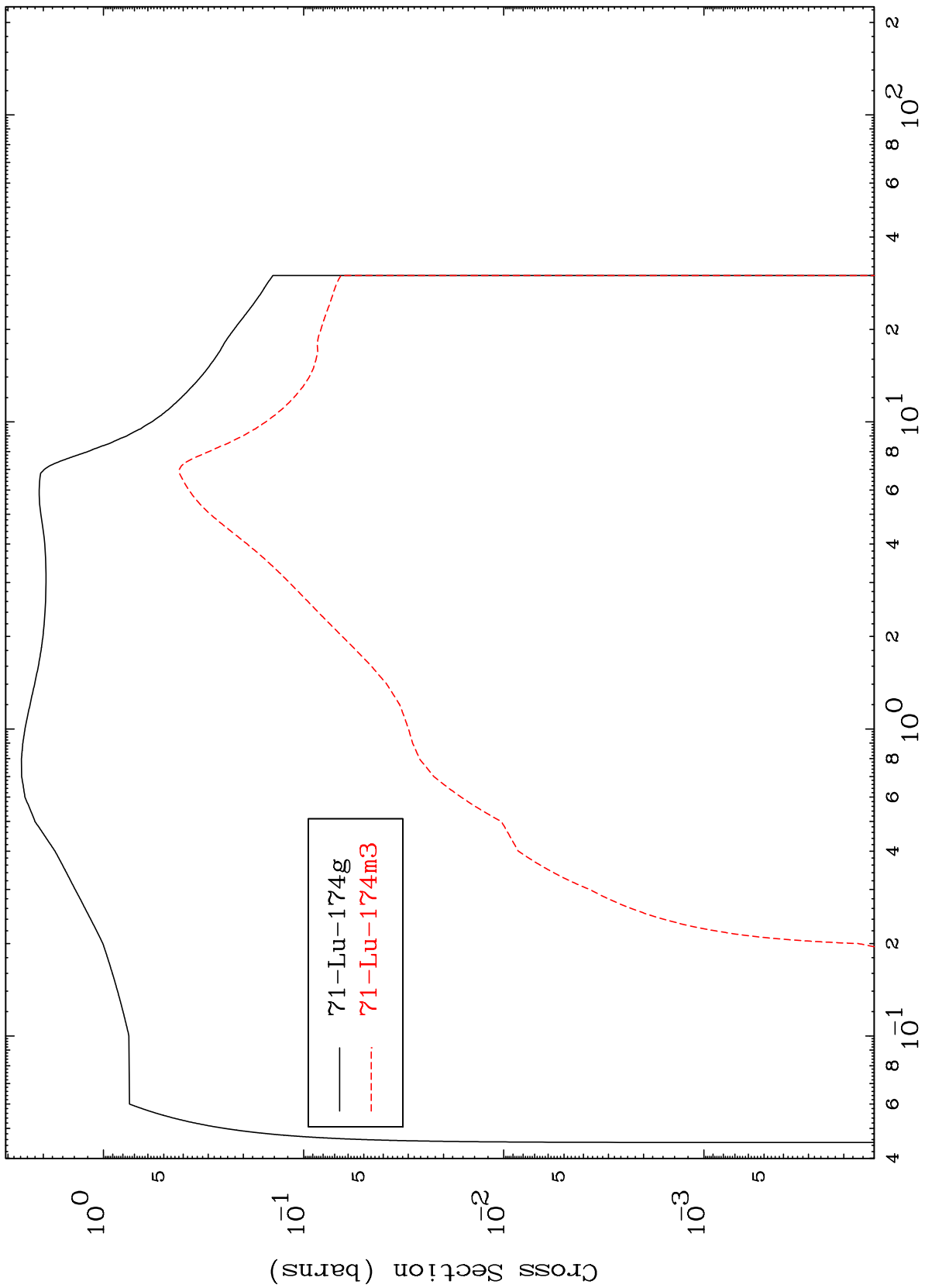


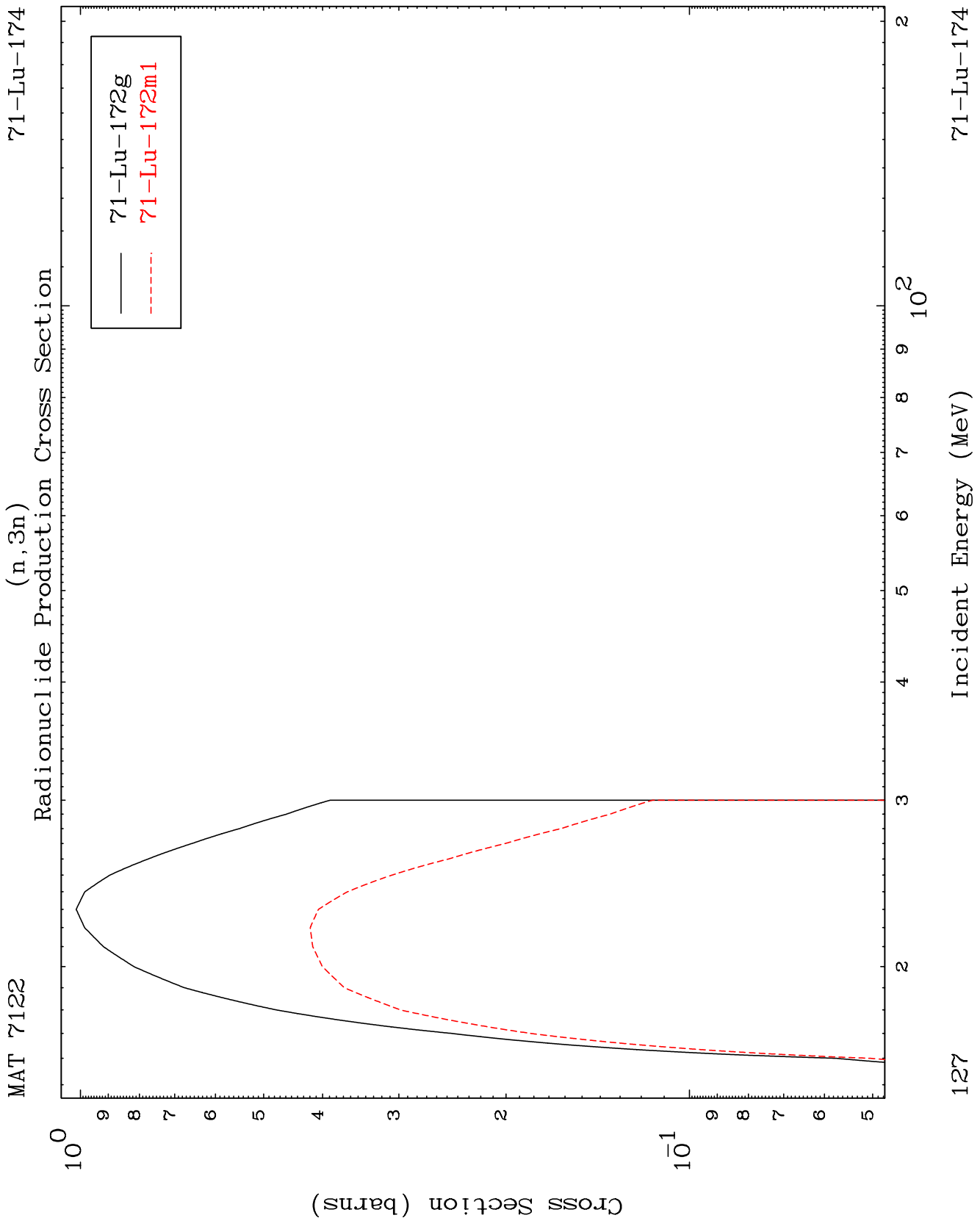
125

Incident Energy (MeV)

71-Lu-174

Inelastic
Radionuclide Production Cross Section



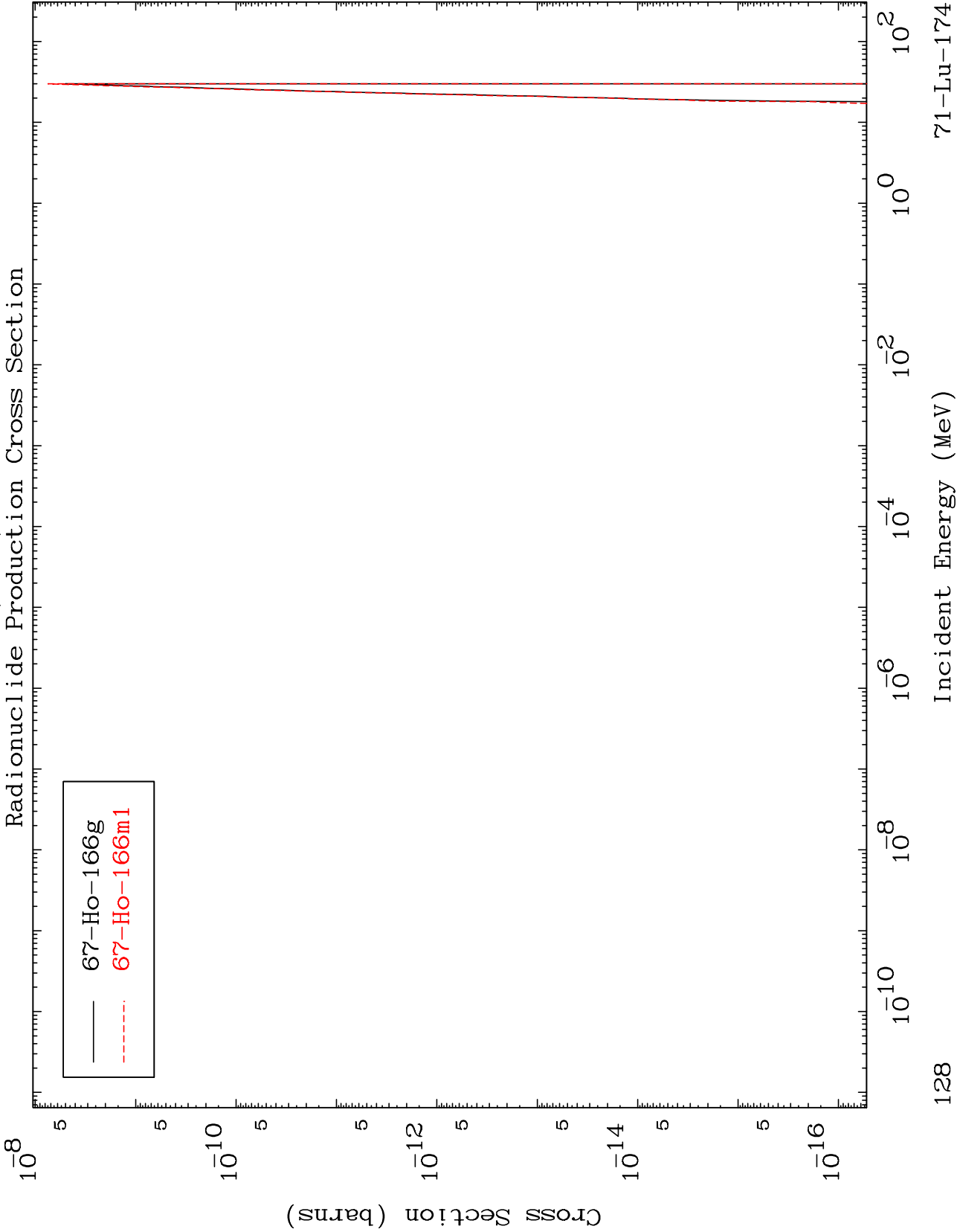


MAT 7122

(n,n') 2α

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Radionuclide Production Cross Section



128

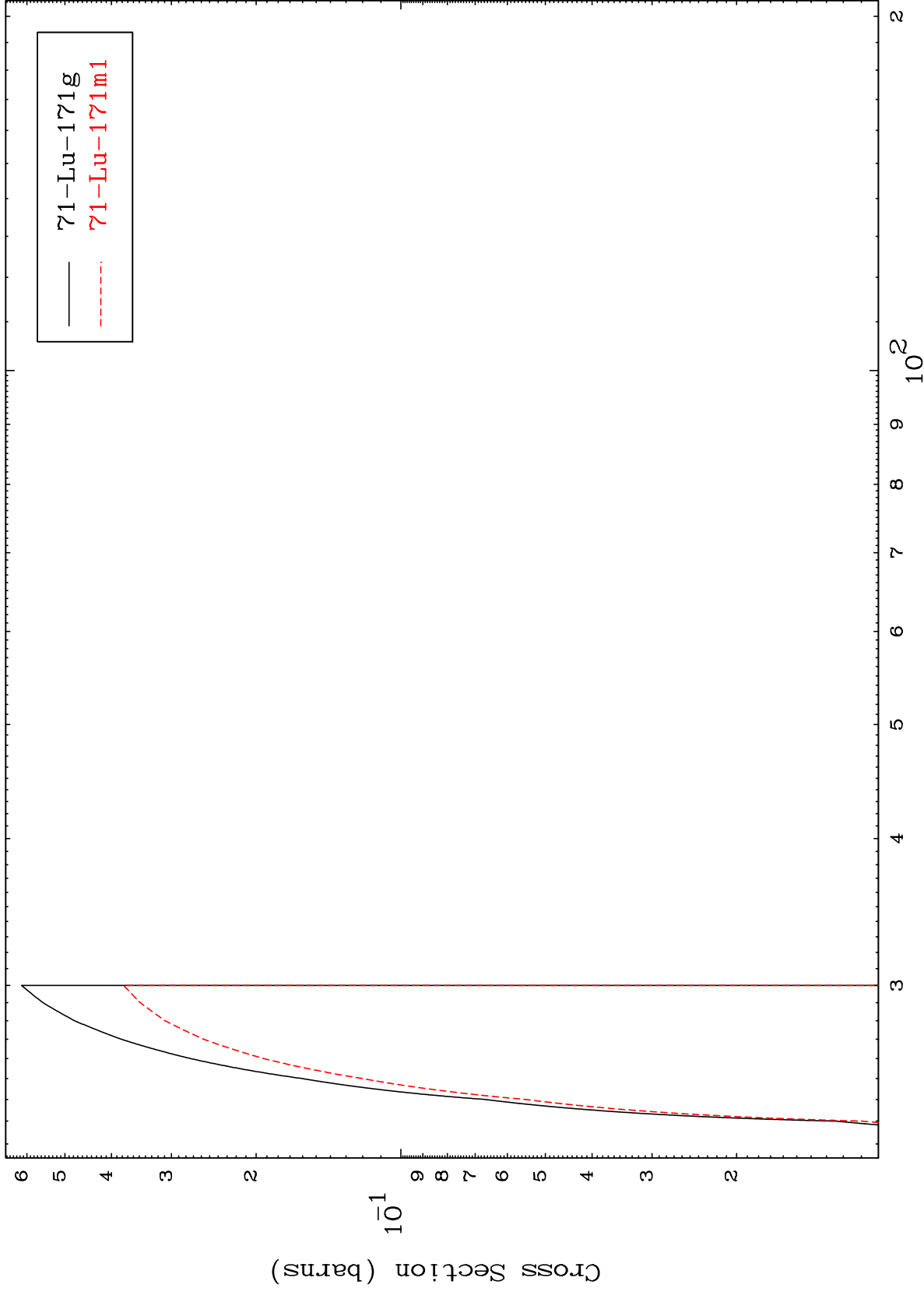
Incident Energy (MeV)

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MAT 7122

71-Lu-174

(n,4n)
Radionuclide Production Cross Section



129

71-Lu-174

Incident Energy (MeV)