

Program EVALPLOT
(Version 2021-1)

by

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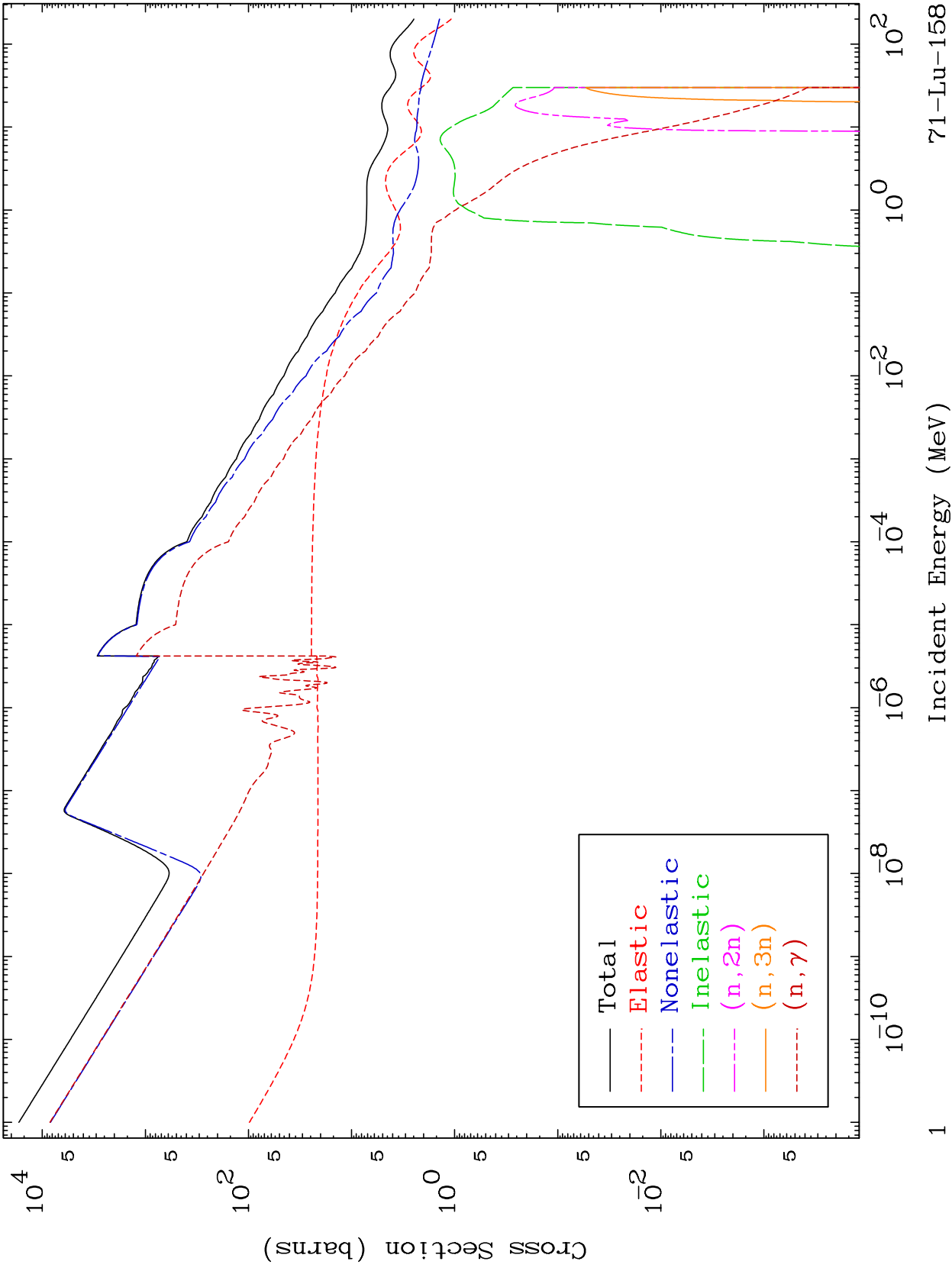
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Press Mouse Button to Start

MAT 7074

Neutron Major
293 Kelvin Cross Sections

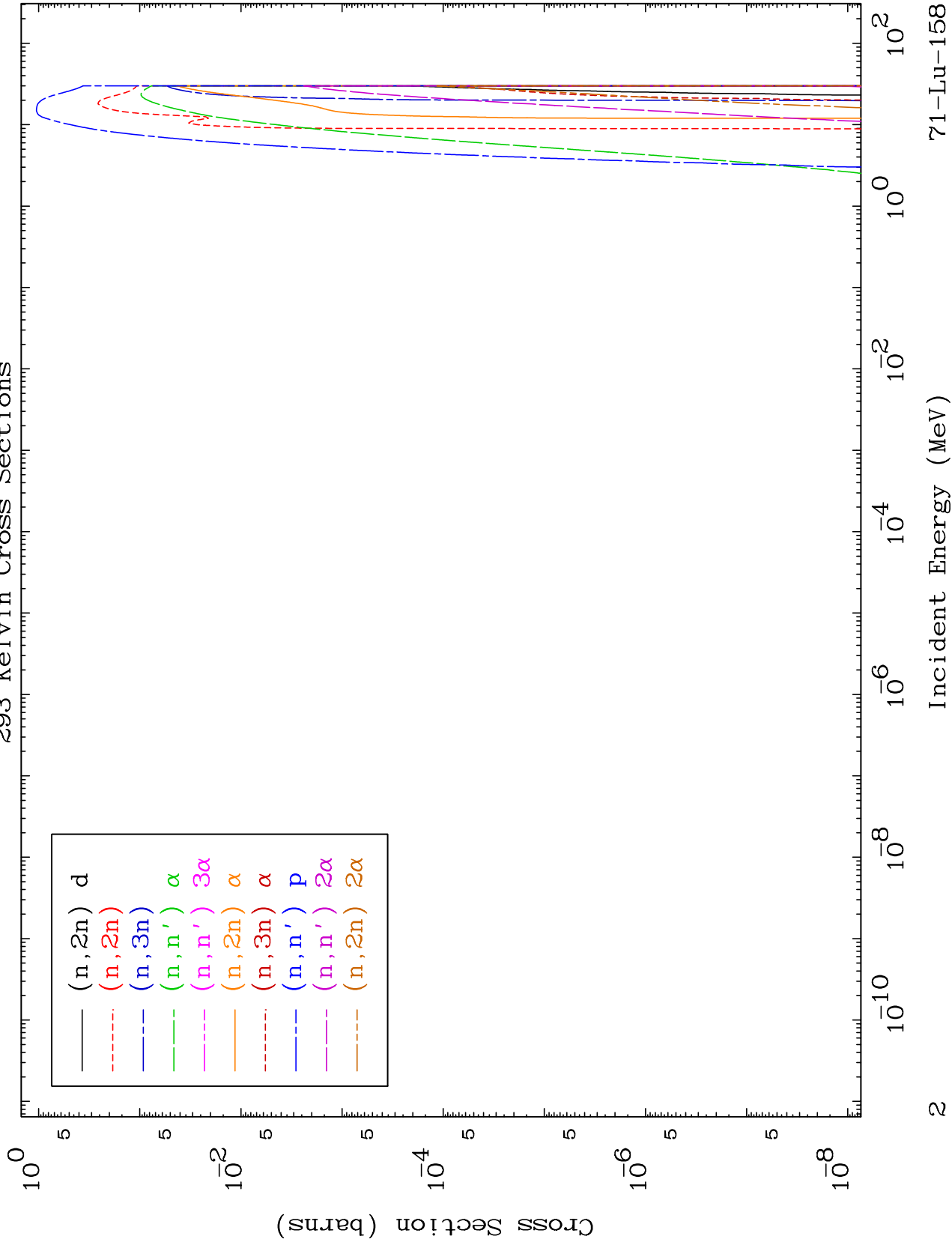
71-Lu-158

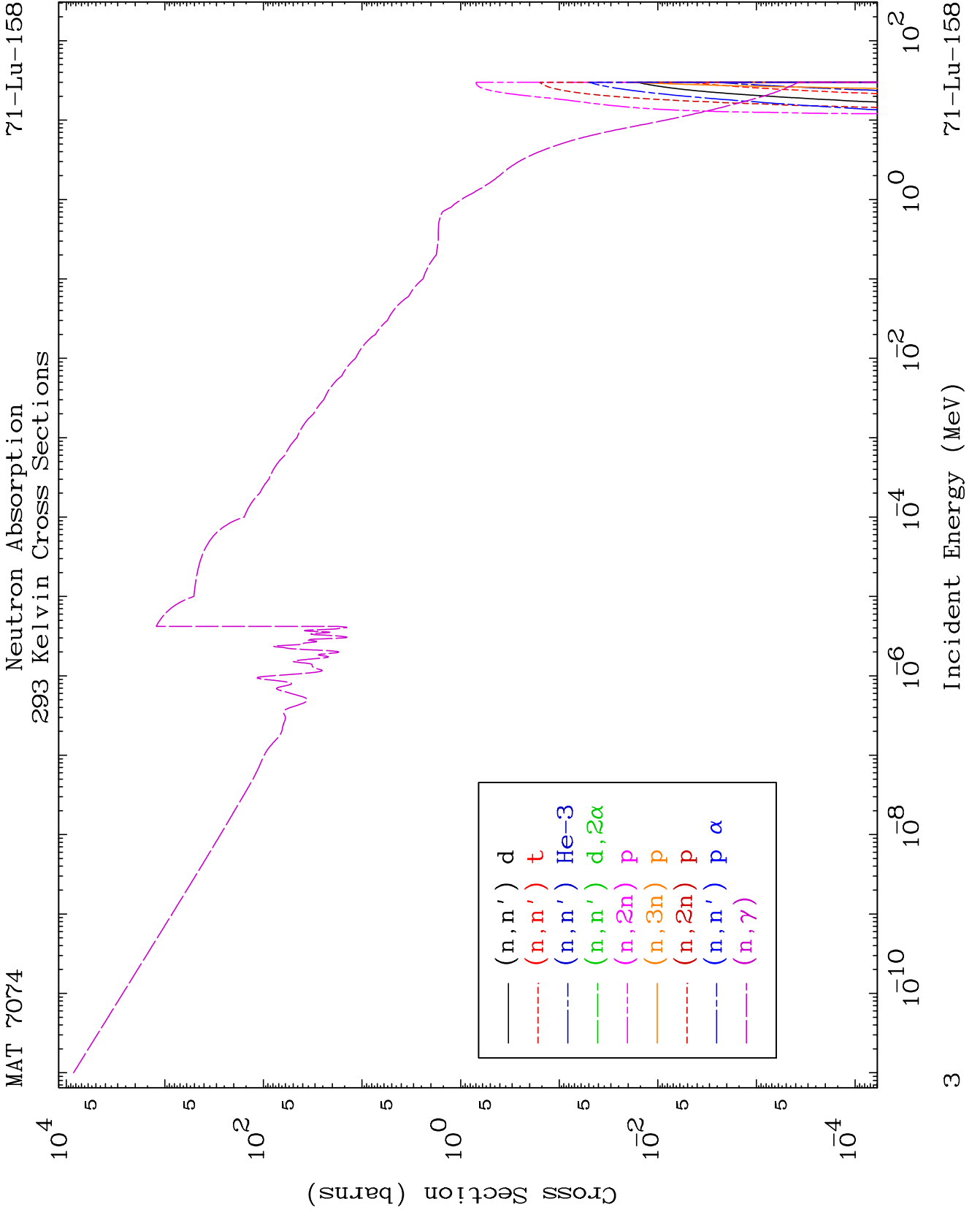


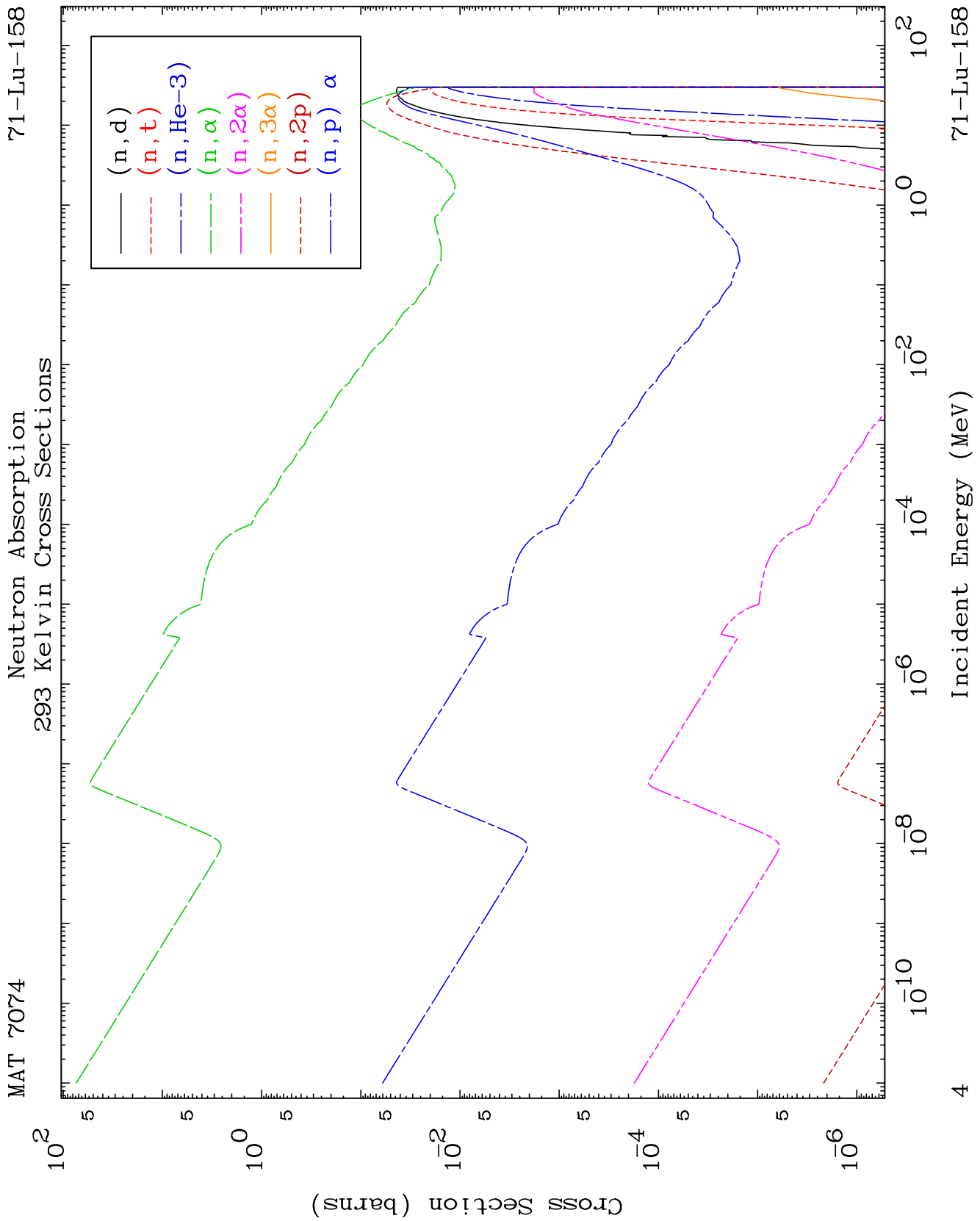
MAT 7074

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-158





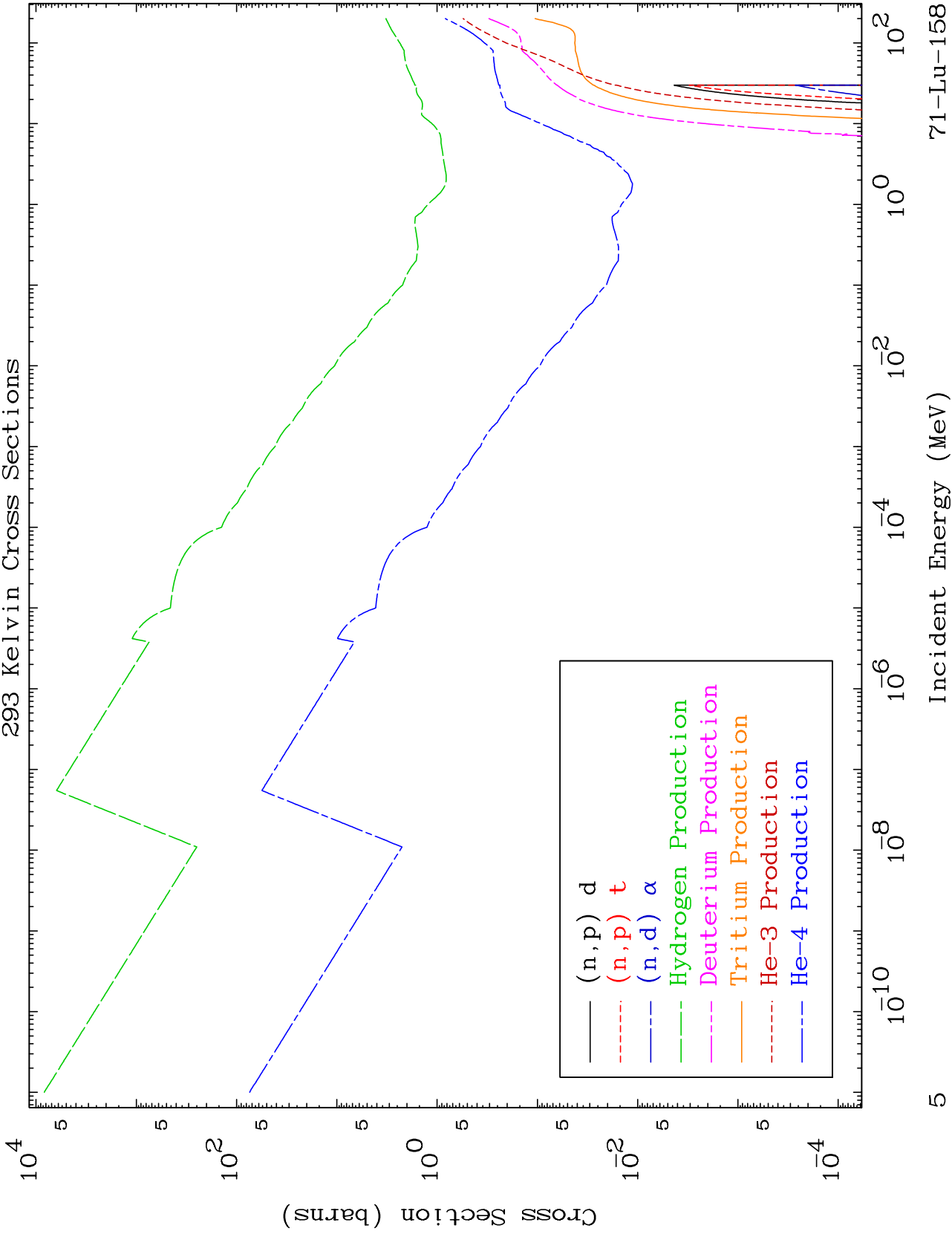


MAT 7074

MAT 7074

Neutron Absorption
293 Kelvin Cross Sections

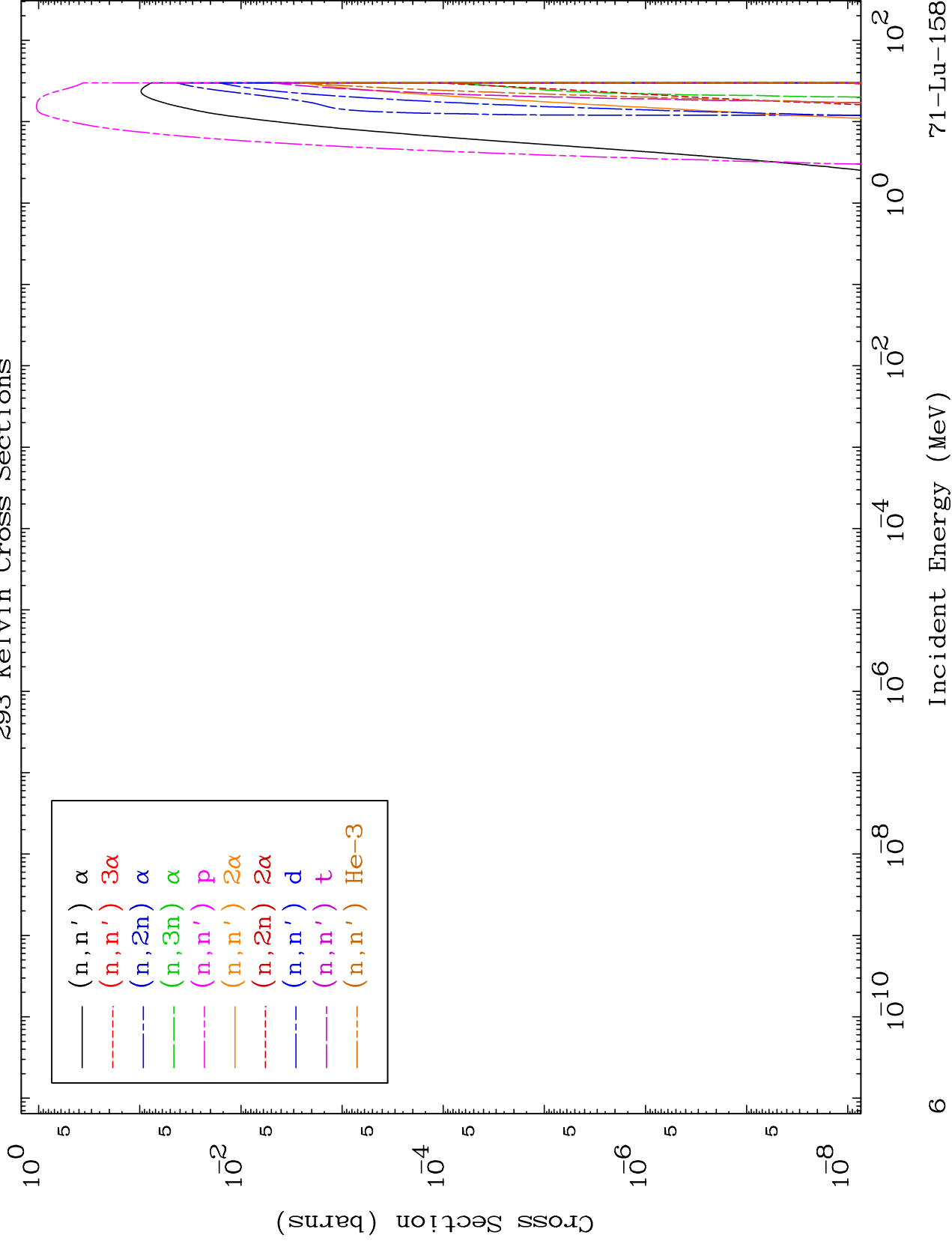
71-Lu-158

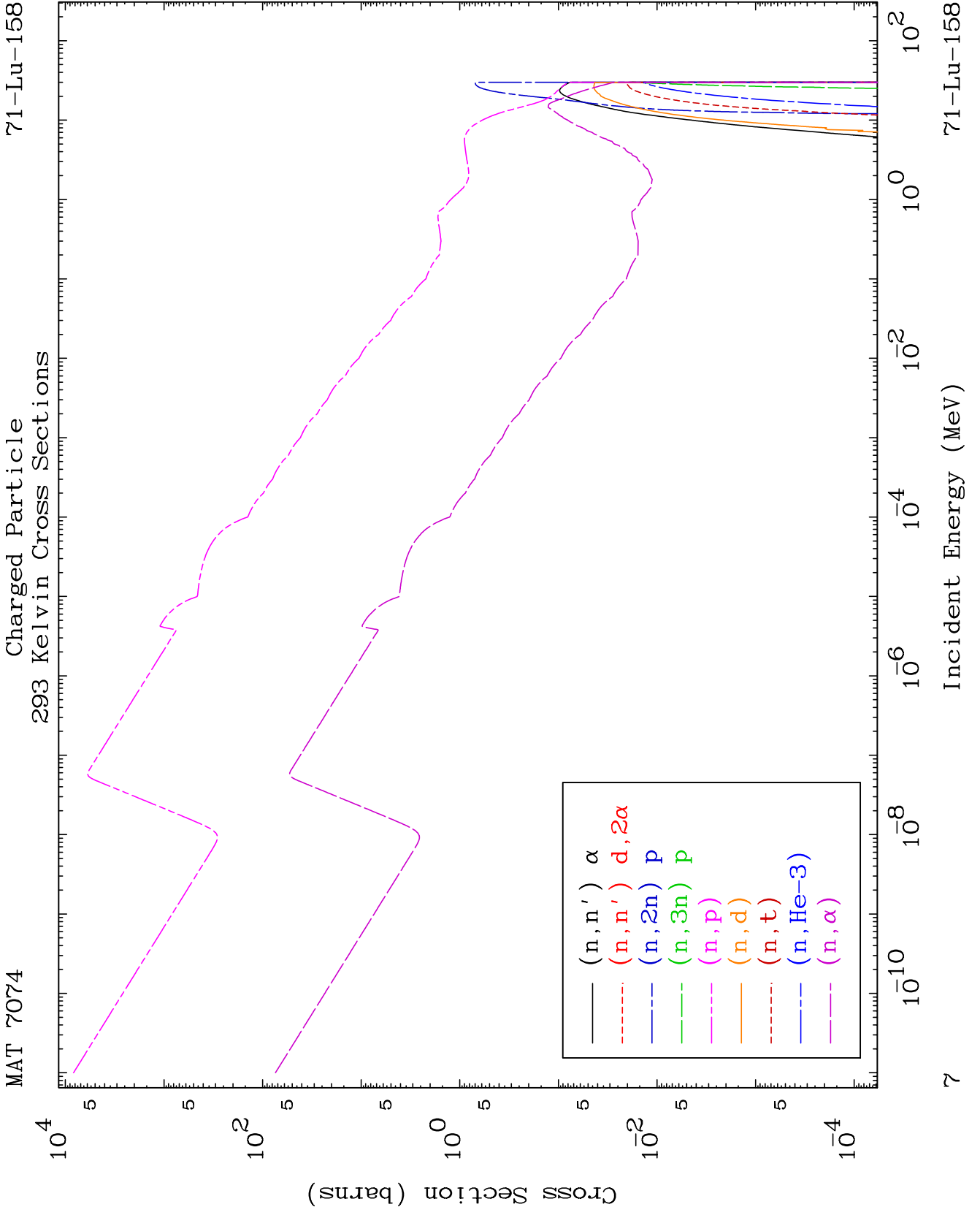


MAT 7074

Charged Particle
293 Kelvin Cross Sections

71-Lu-158

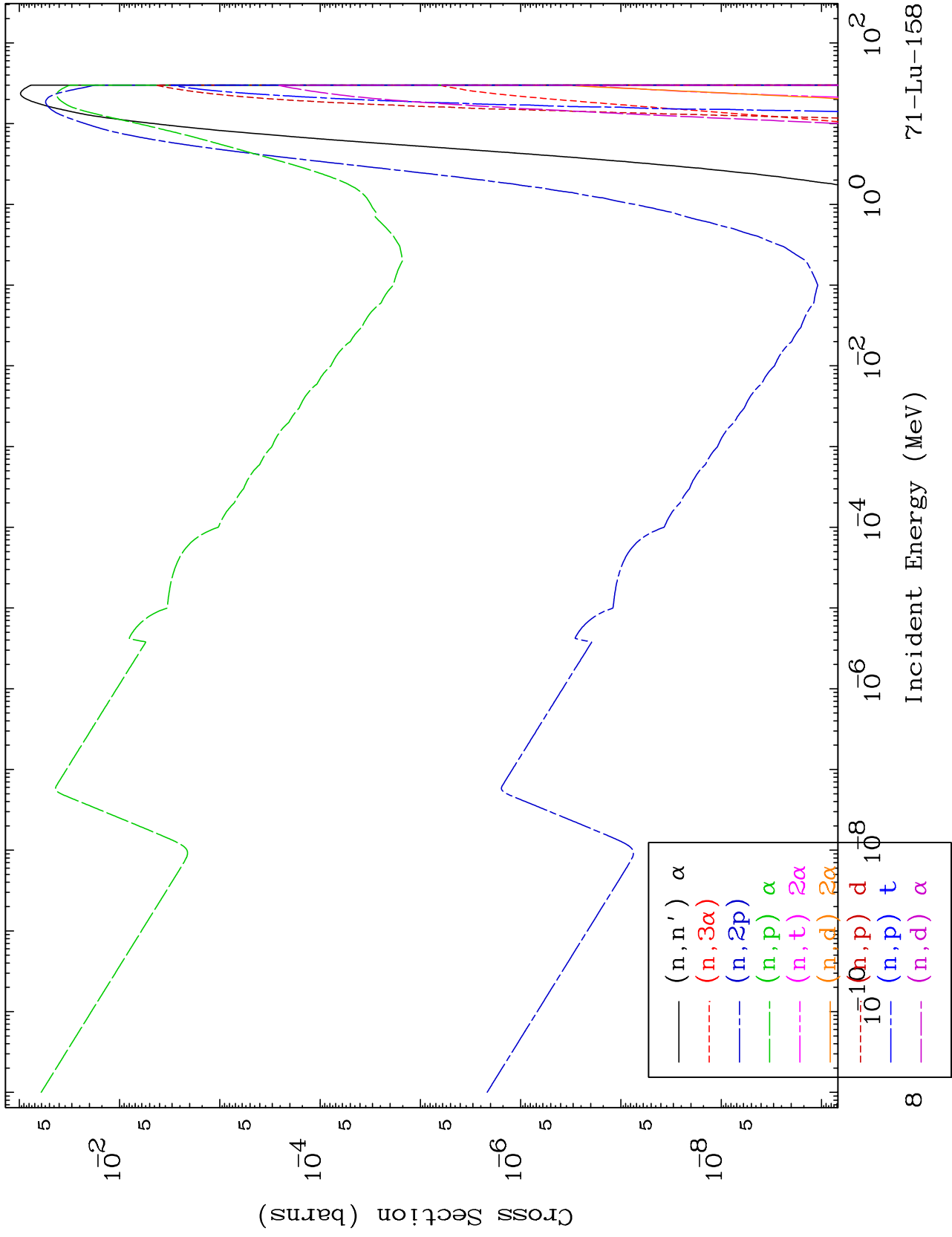




MAT 7074

Charged Particle
293 Kelvin Cross Sections

71-Lu-158

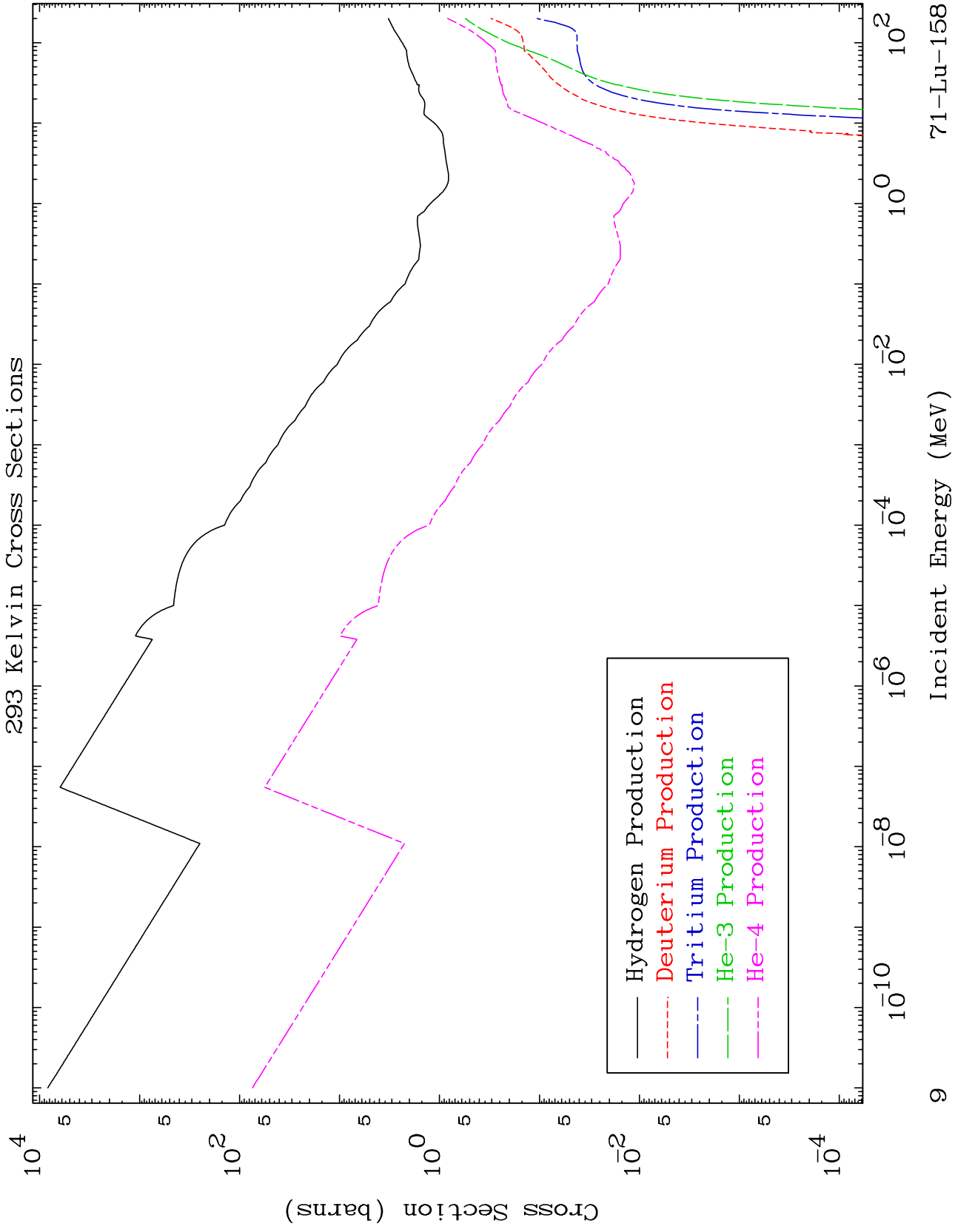


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MAT 7074

Particle Production
293 Kelvin Cross Sections

71-Lu-158

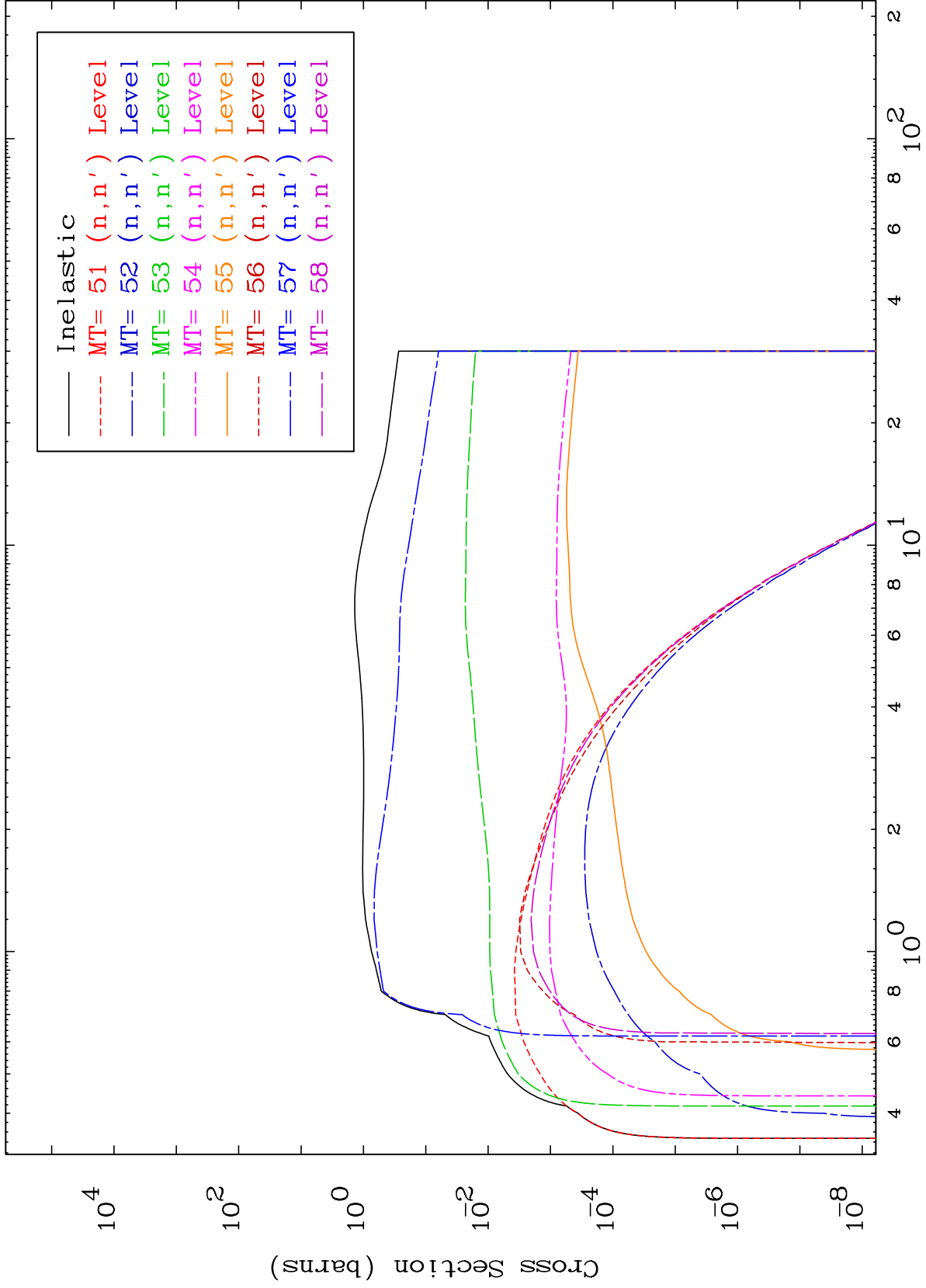


MAT 7074

(n,n') Levels

293 Kelvin Cross Sections

71-Lu-158



10

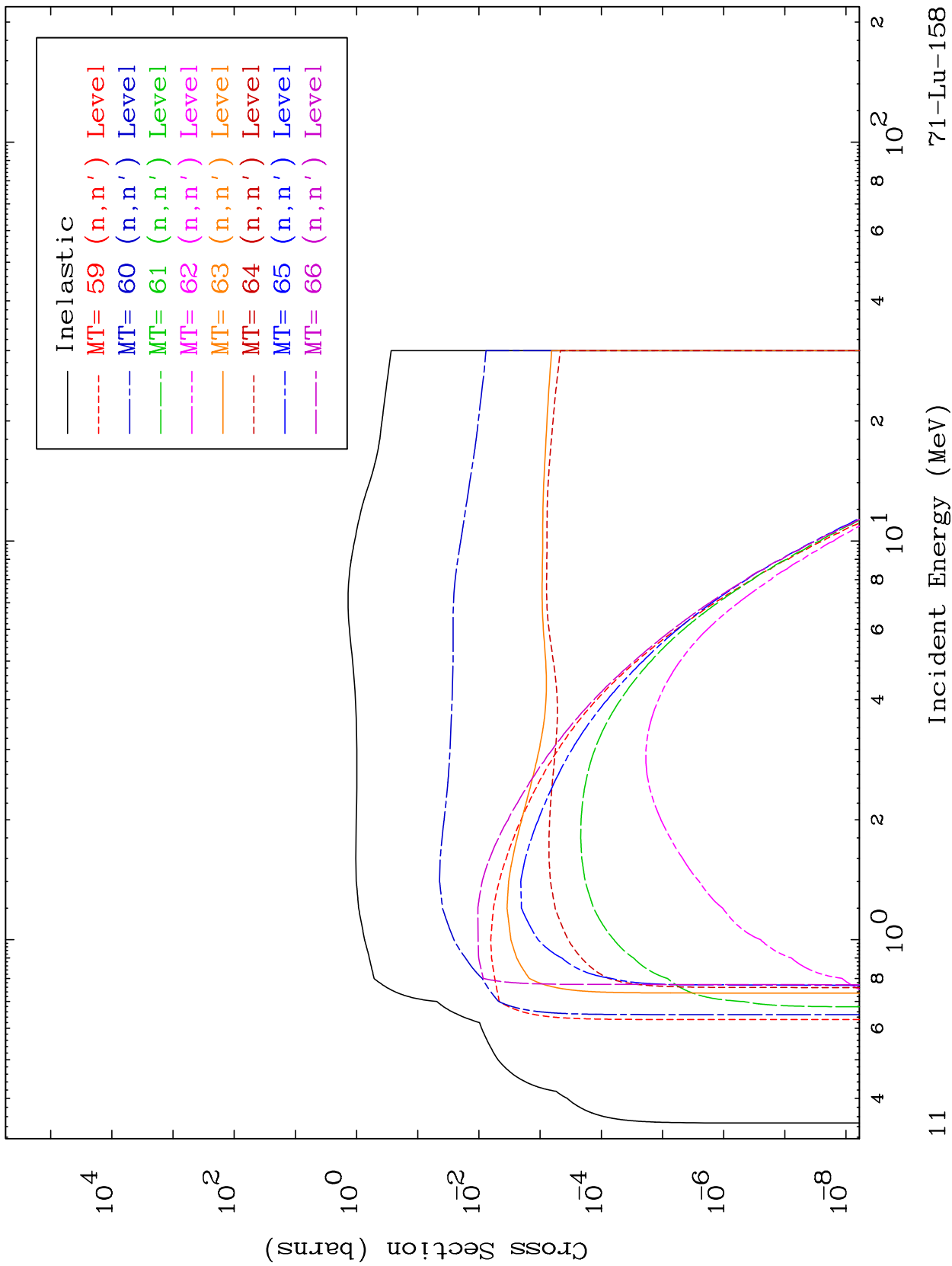
Incident Energy (MeV)

71-Lu-158

MAT 7074

(n,n') Levels
293 Kelvin Cross Sections

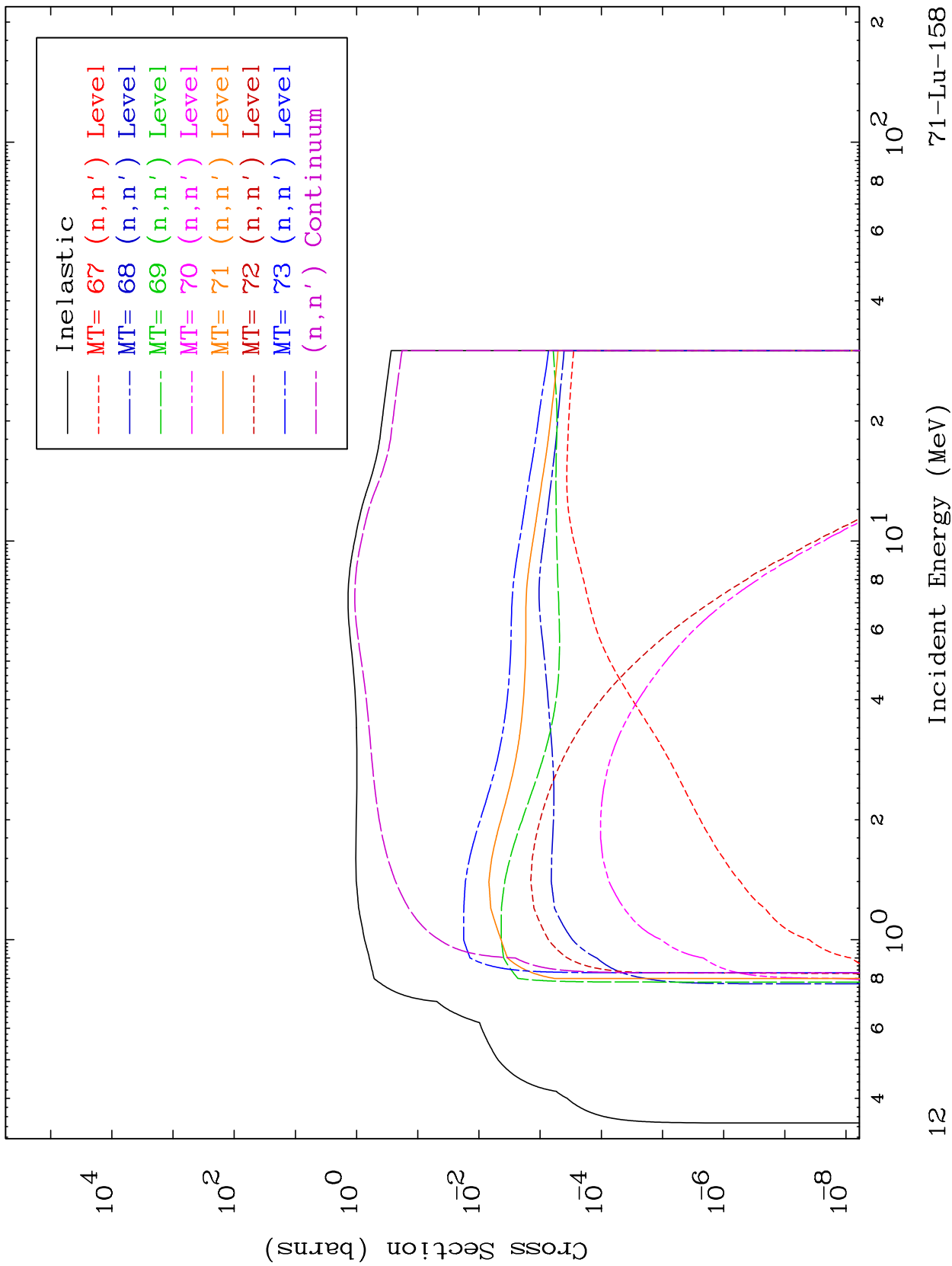
71-Lu-158



MAT 7074

(n,n') Levels
293 Kelvin Cross Sections

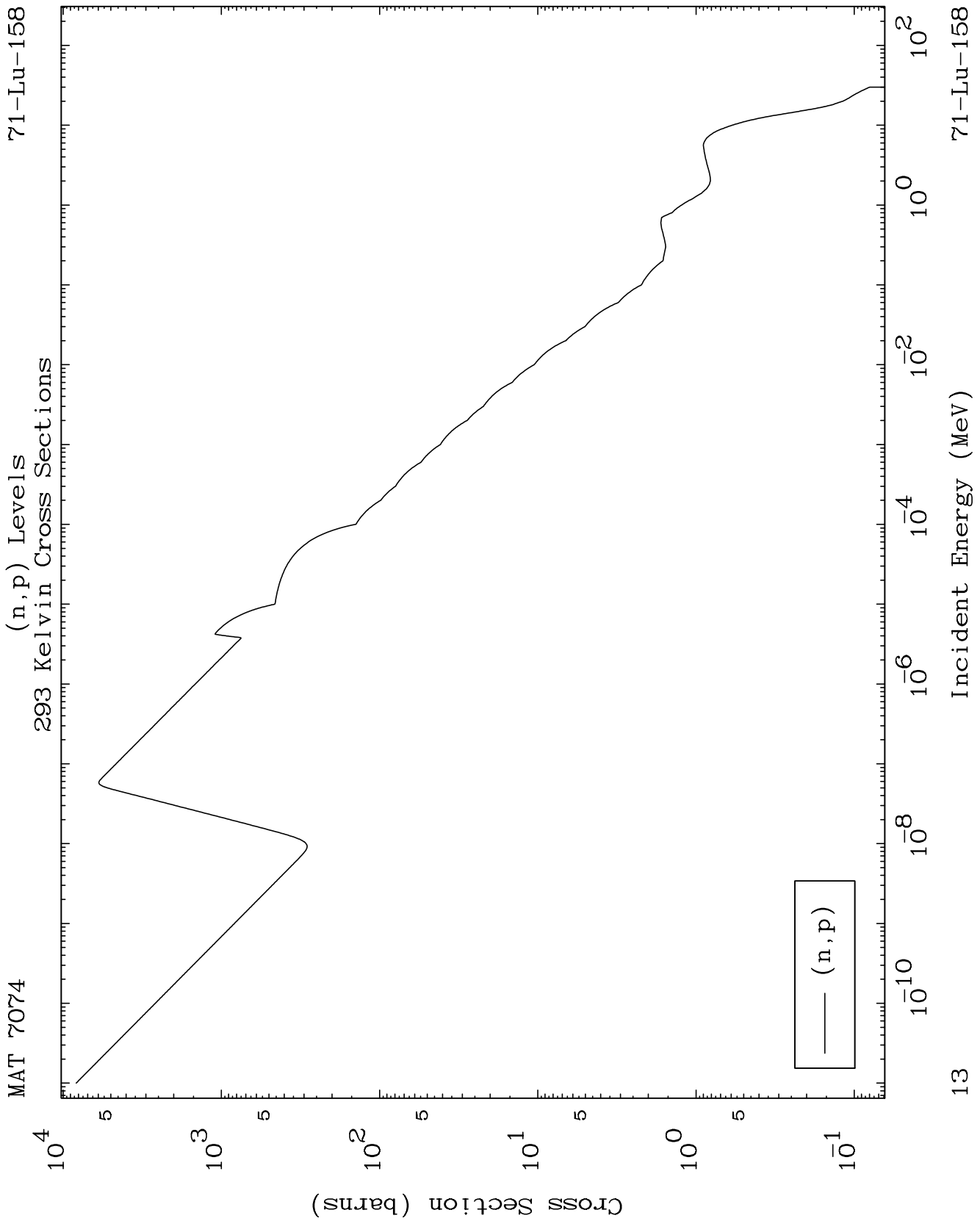
71-Lu-158



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Incident Energy (MeV)

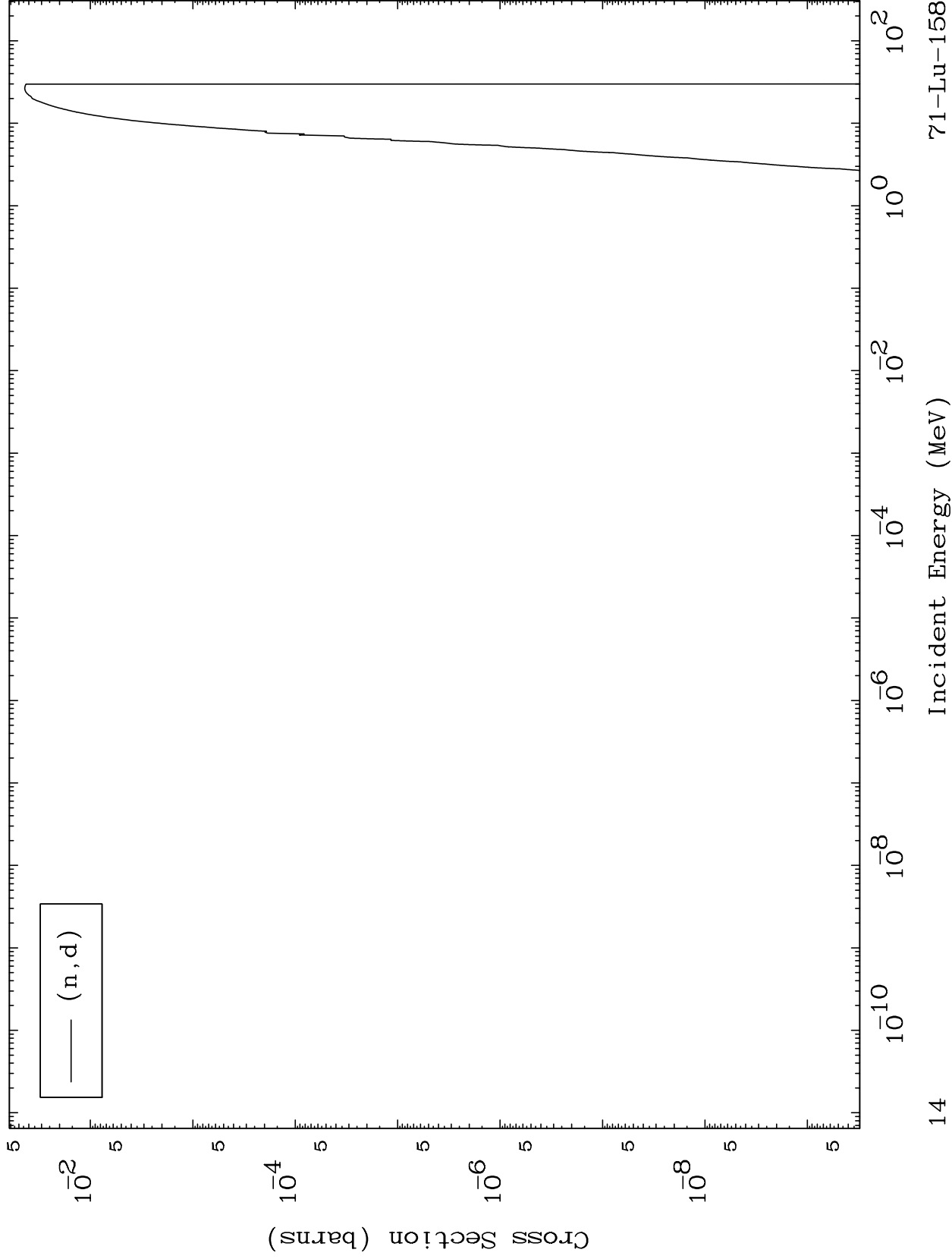
71-Lu-158



MAT 7074

(n,d) Levels
293 Kelvin Cross Sections

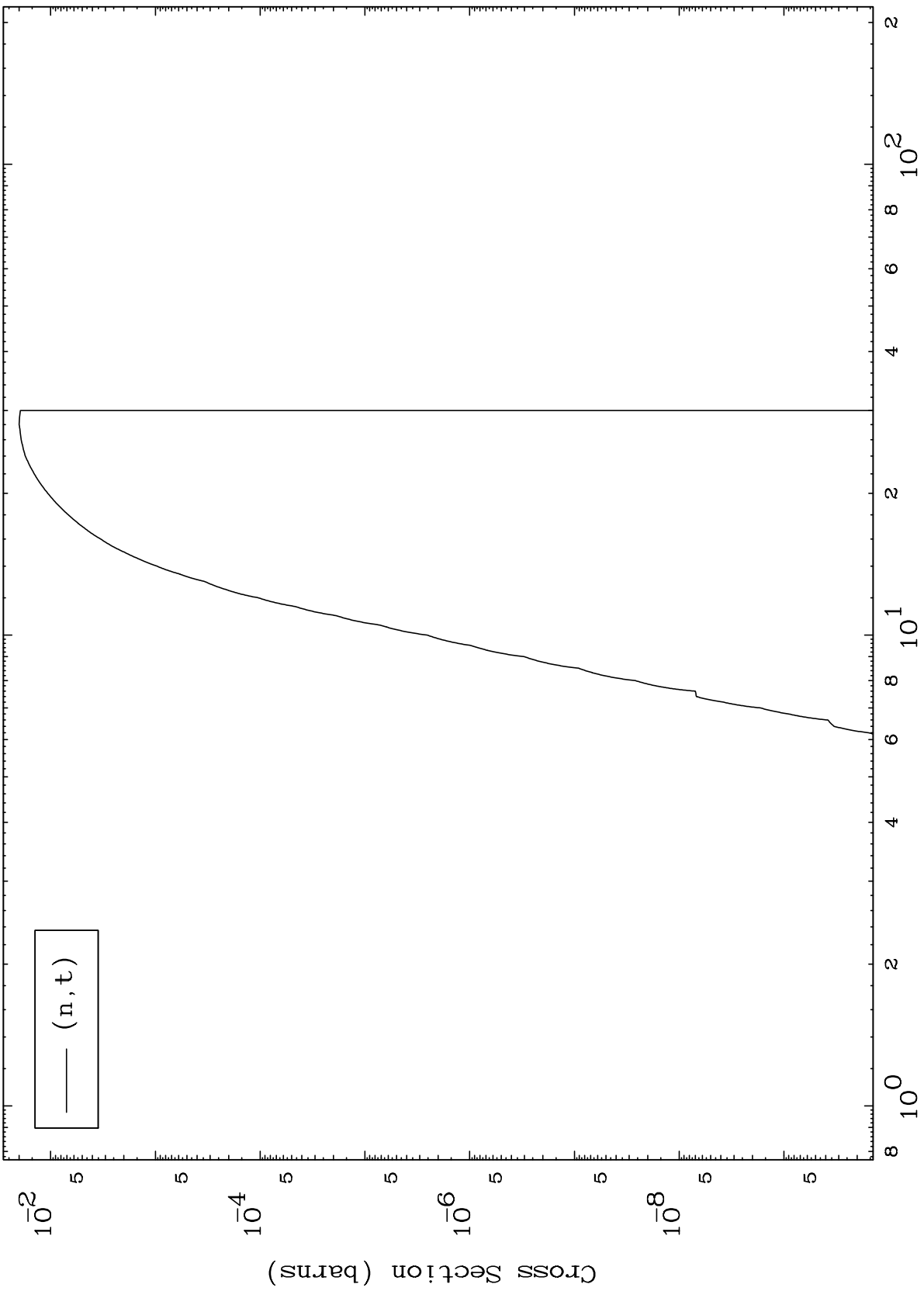
71-Lu-158



MAT 7074

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-158



15

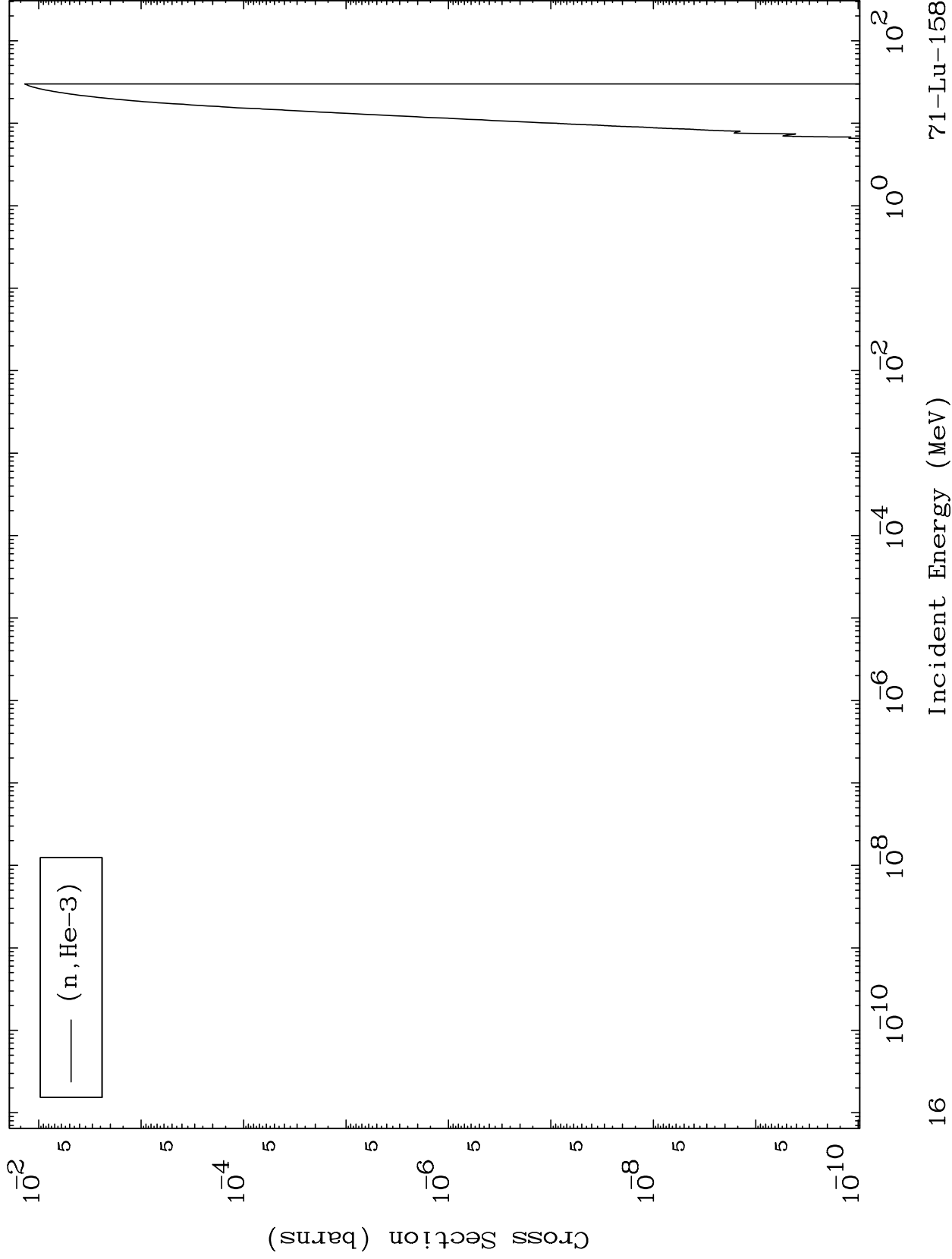
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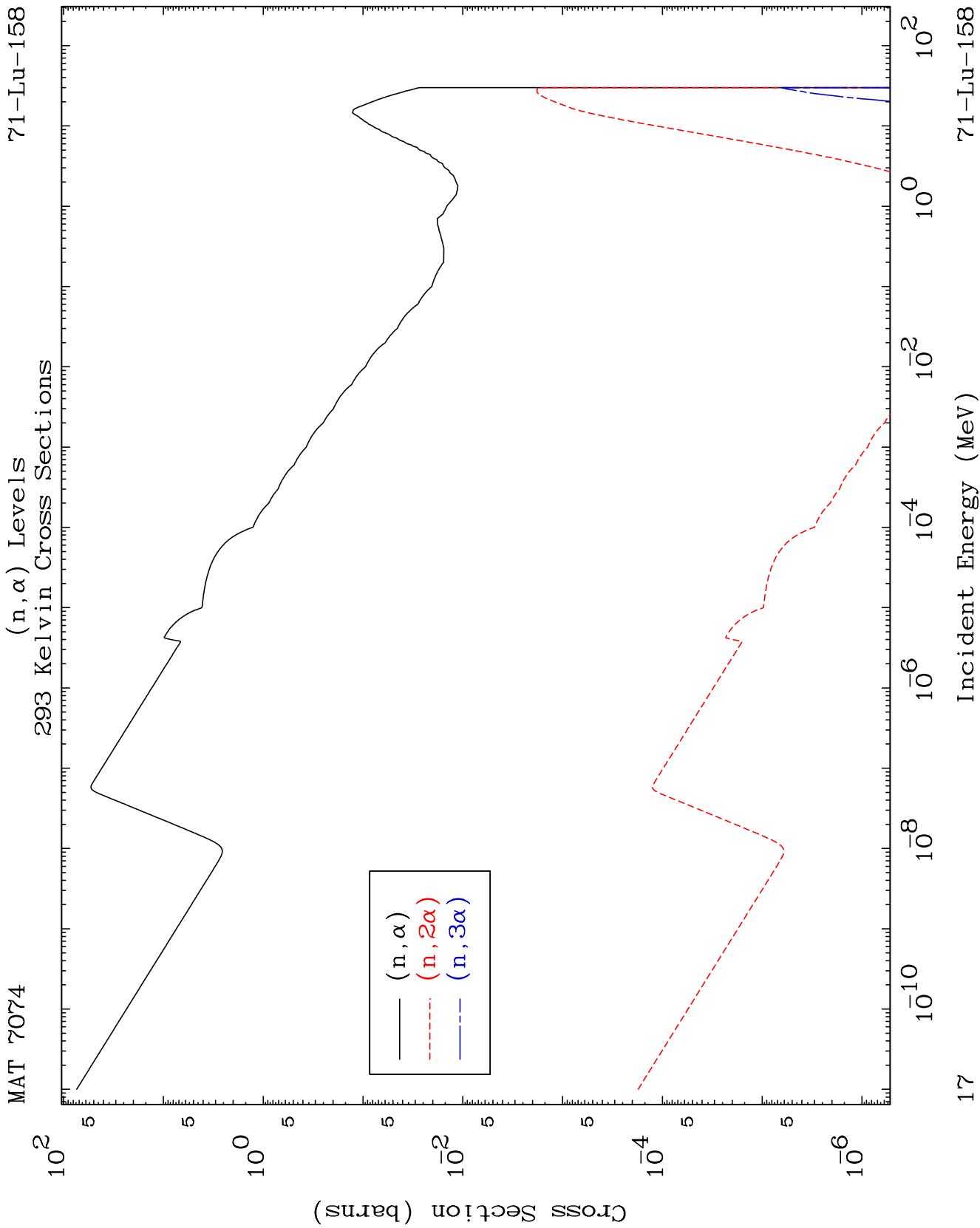
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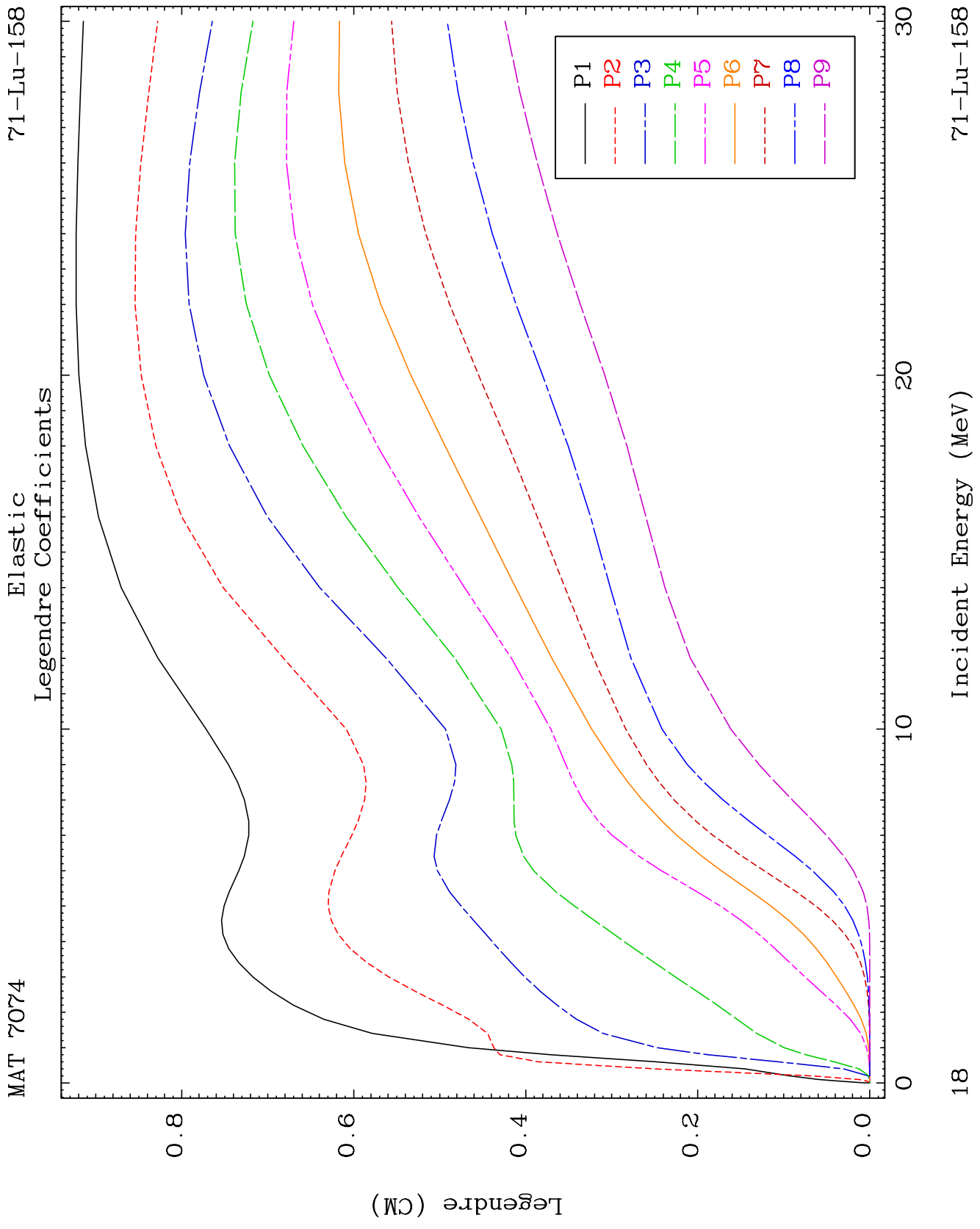
MAT 7074

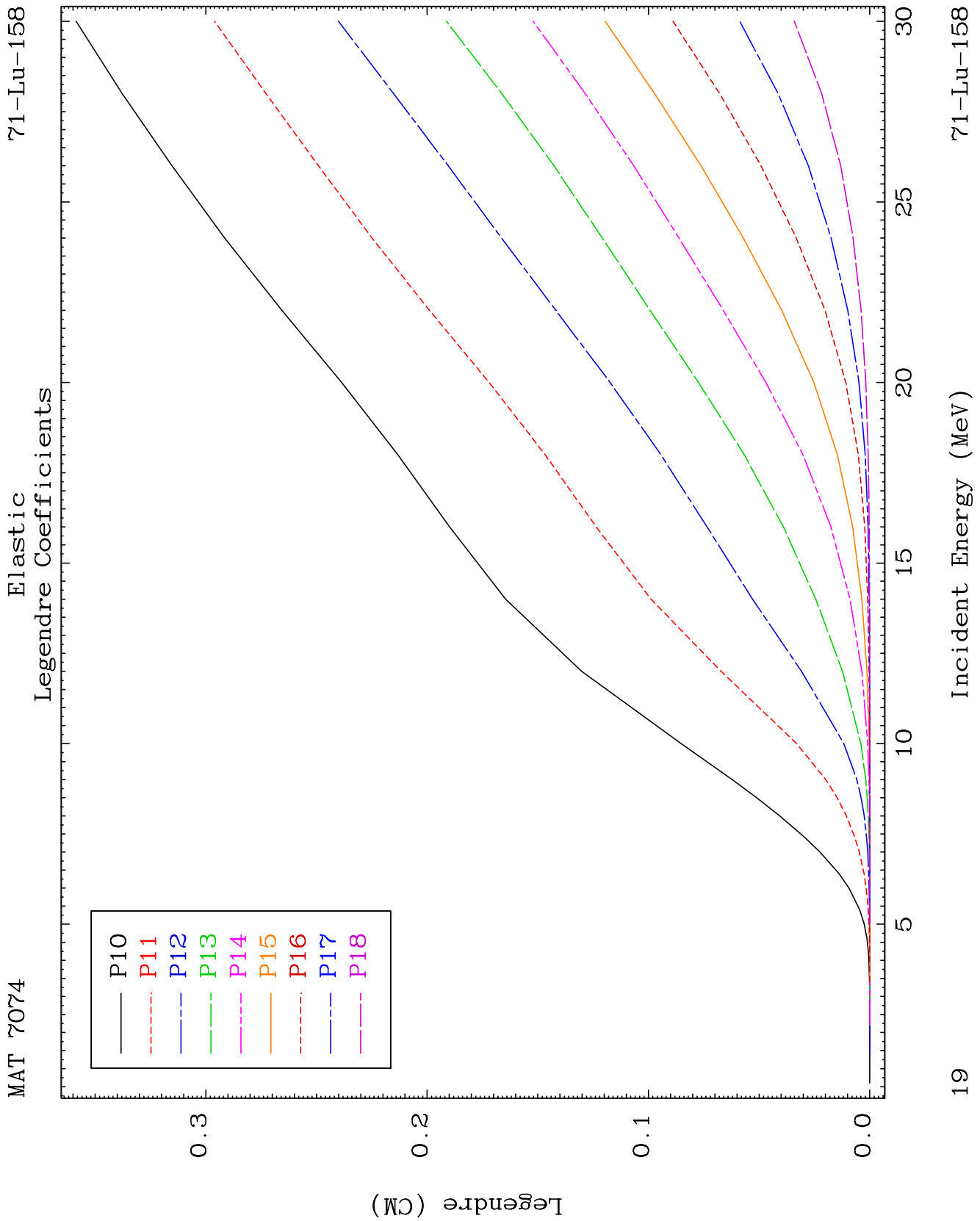
(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-158





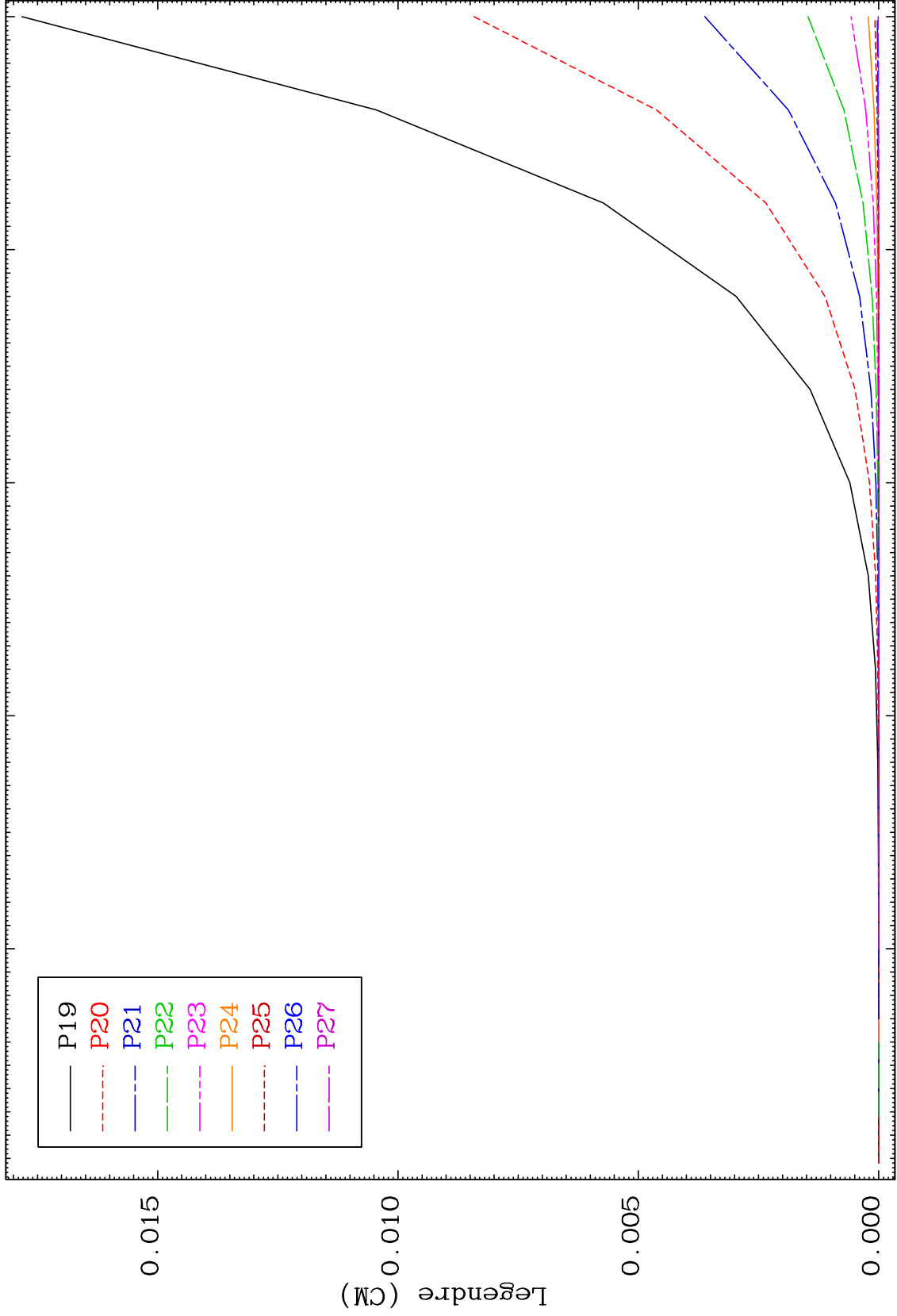




MAT 7074

Elastic Legendre Coefficients

71-Lu-158



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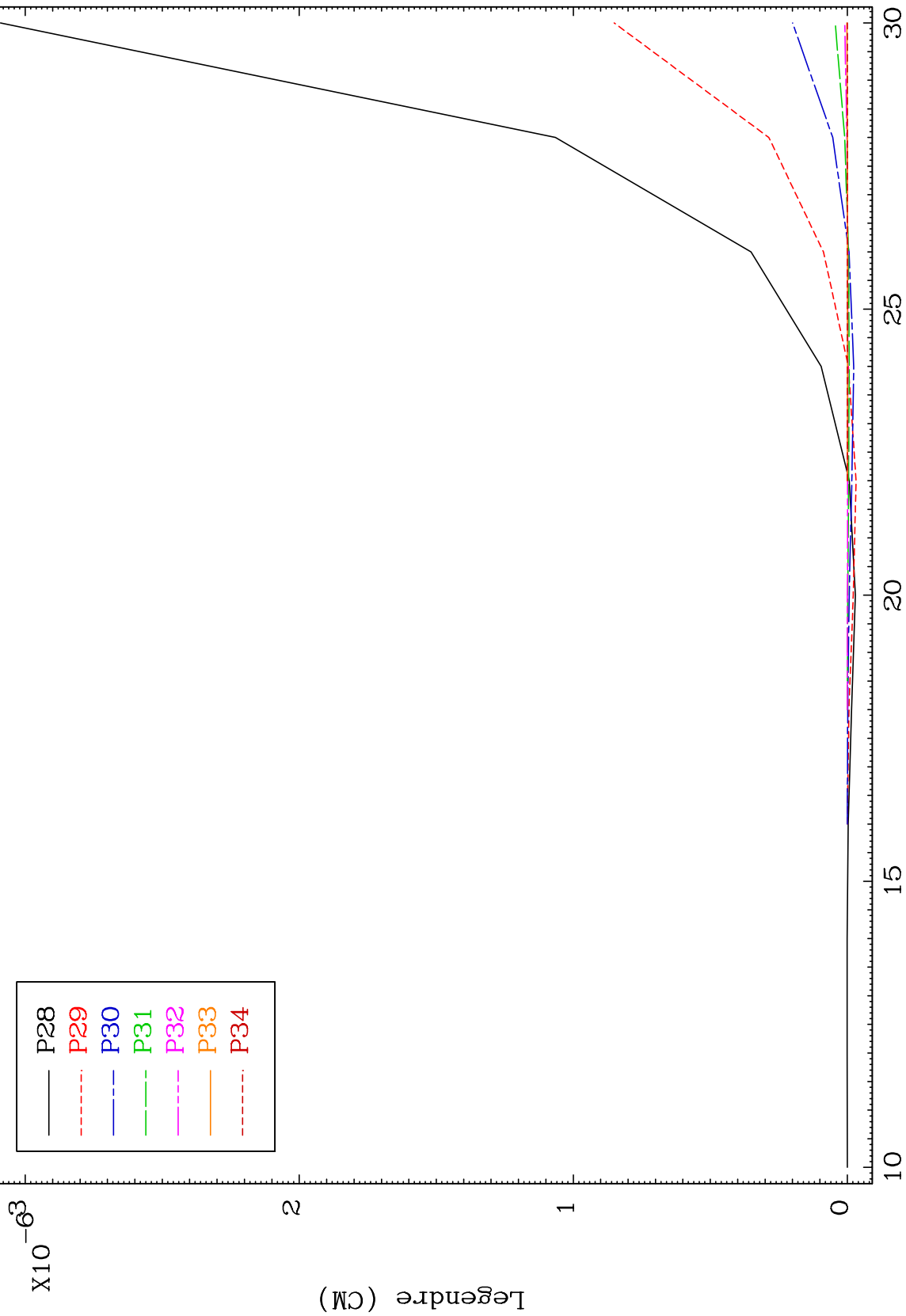
Incident Energy (MeV)

71-Lu-158

MAT 7074

Elastic Legendre Coefficients

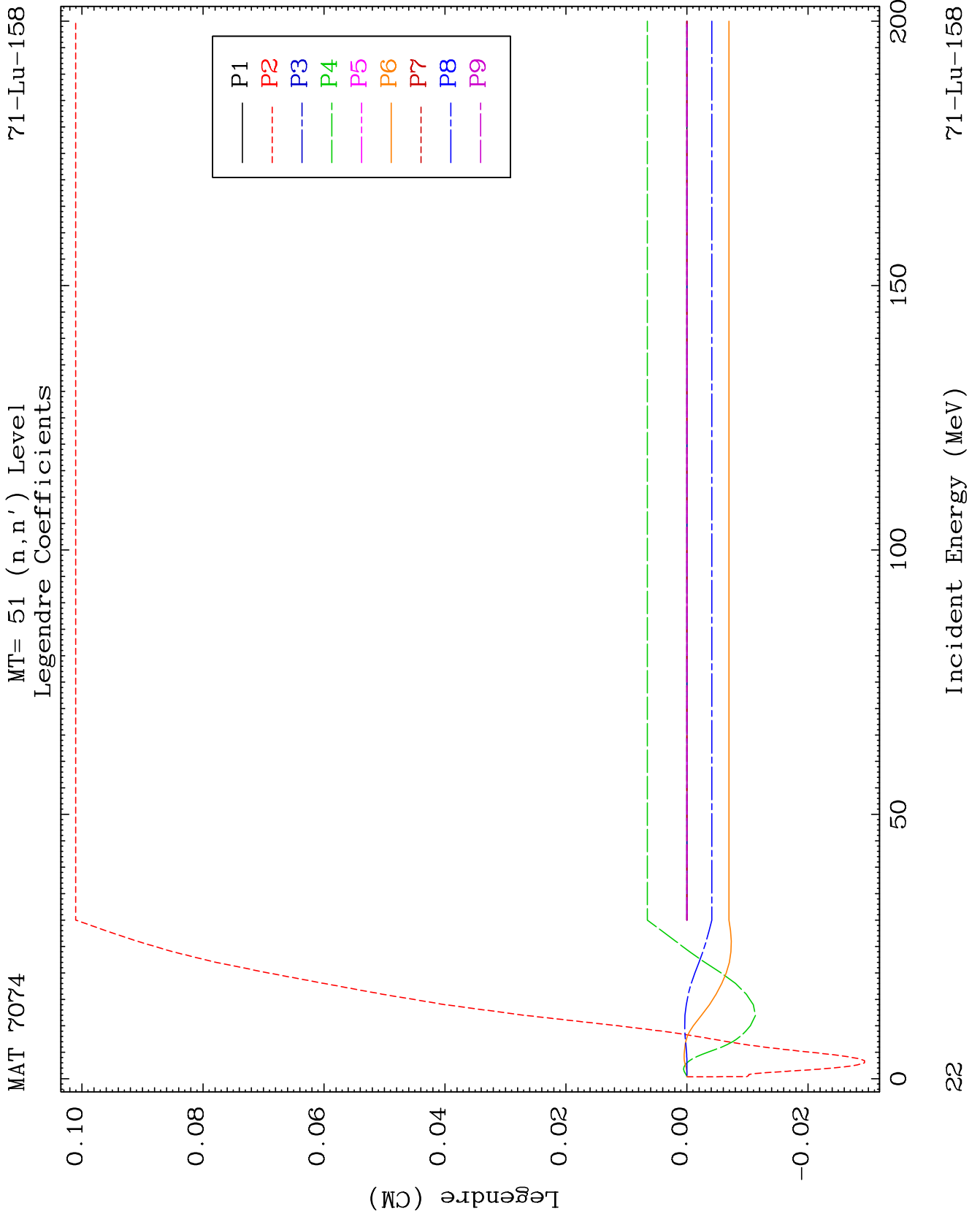
71-Lu-158



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Incident Energy (MeV)

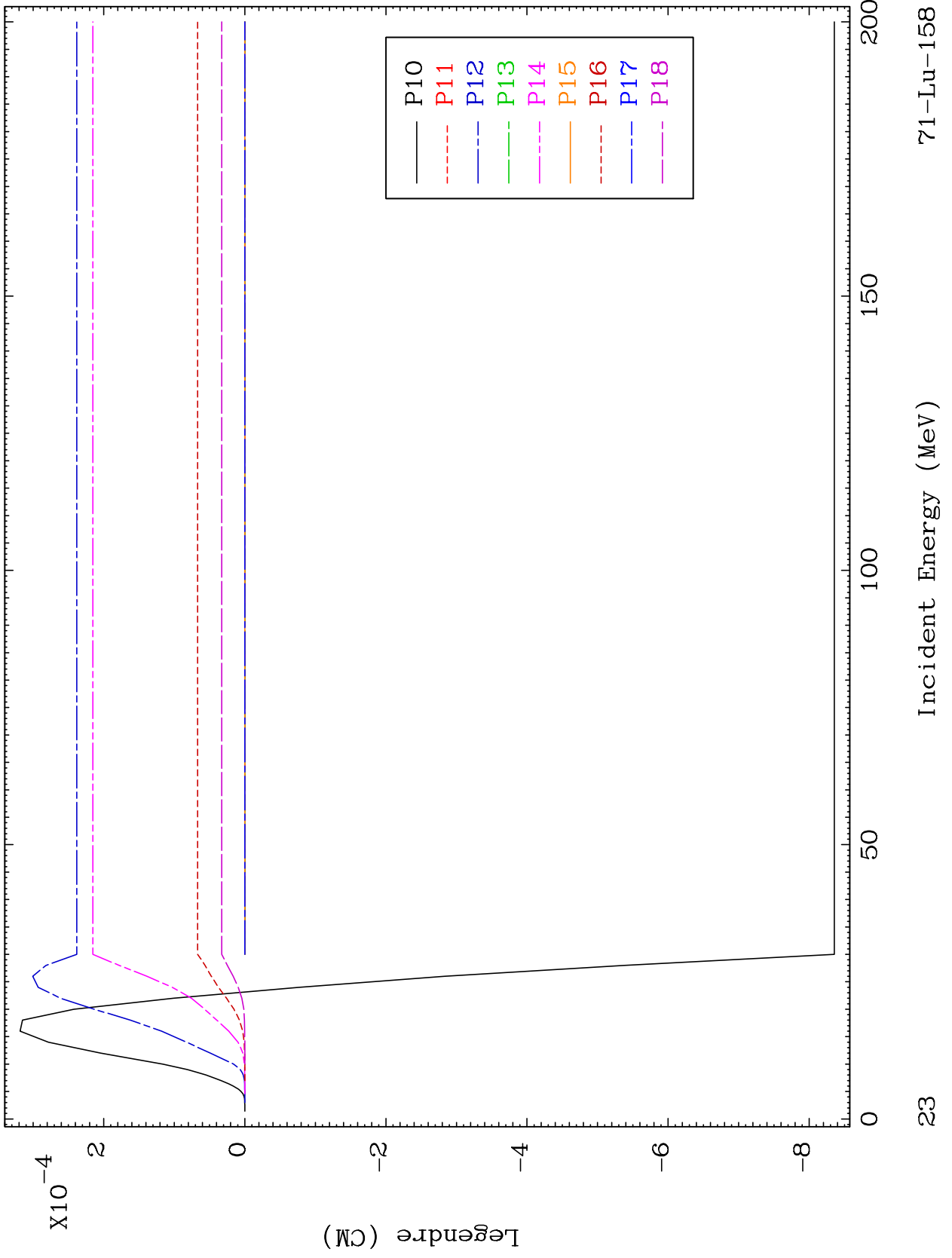
71-Lu-158



MAT 7074

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

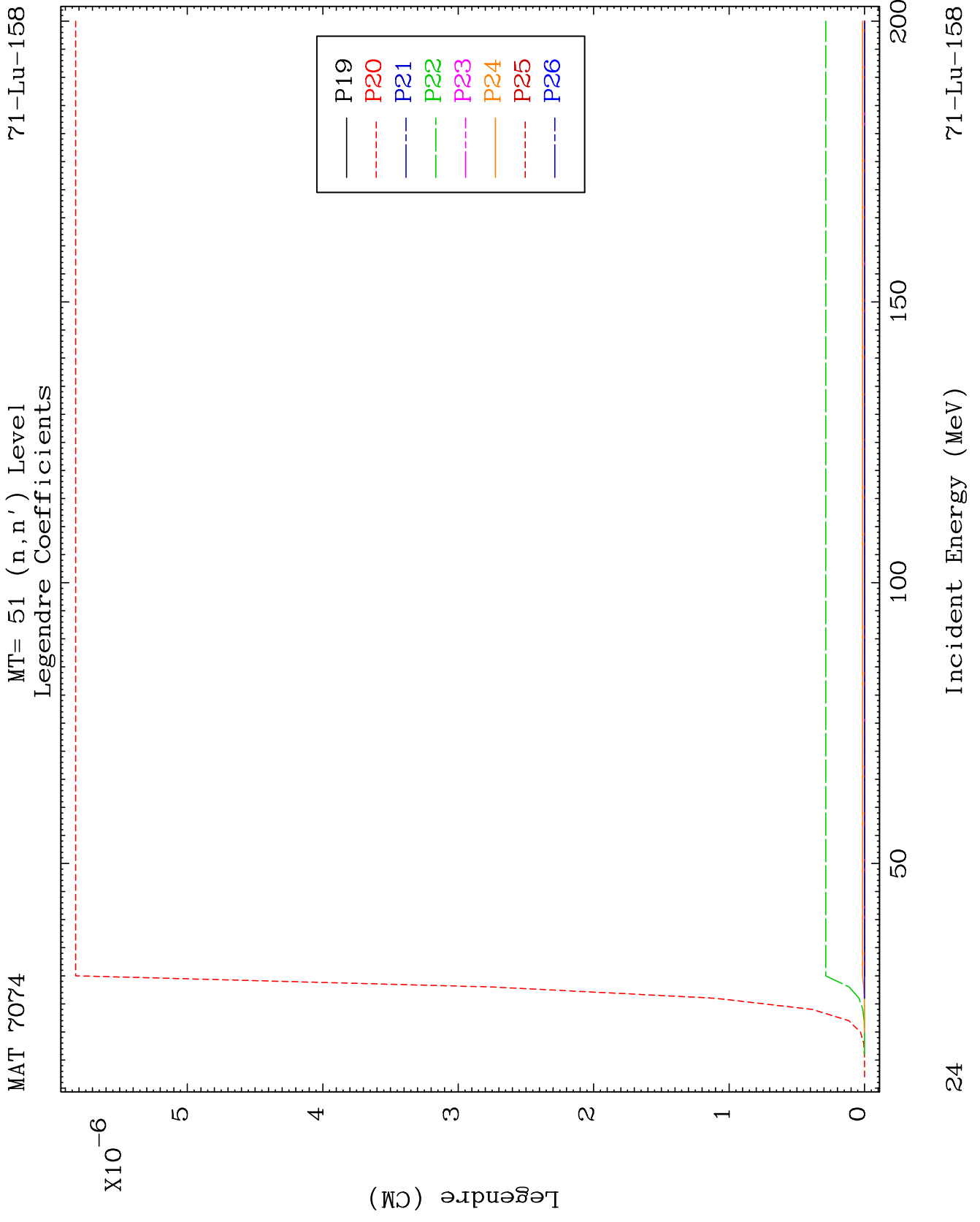
71-Lu-158



23

Incident Energy (MeV)

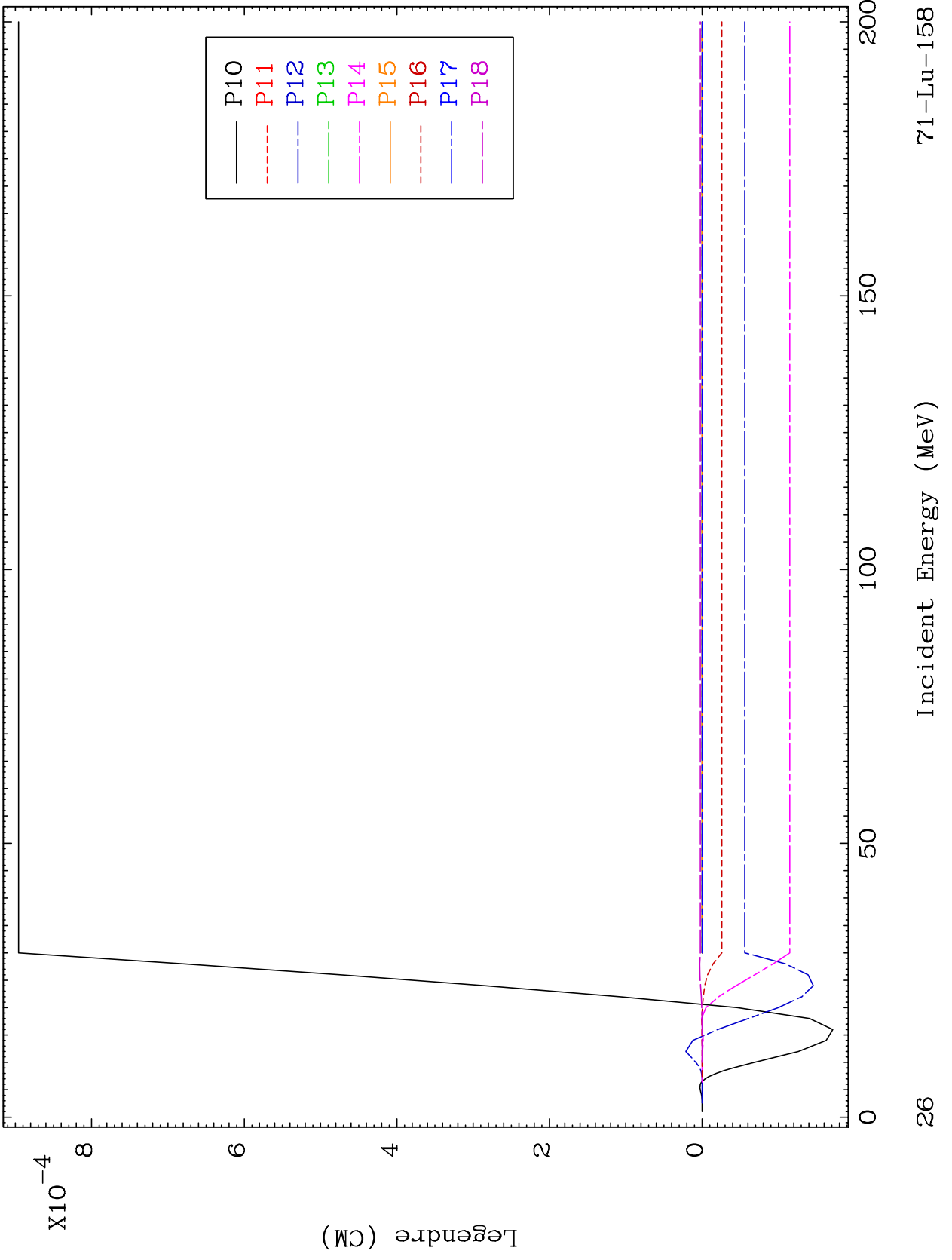
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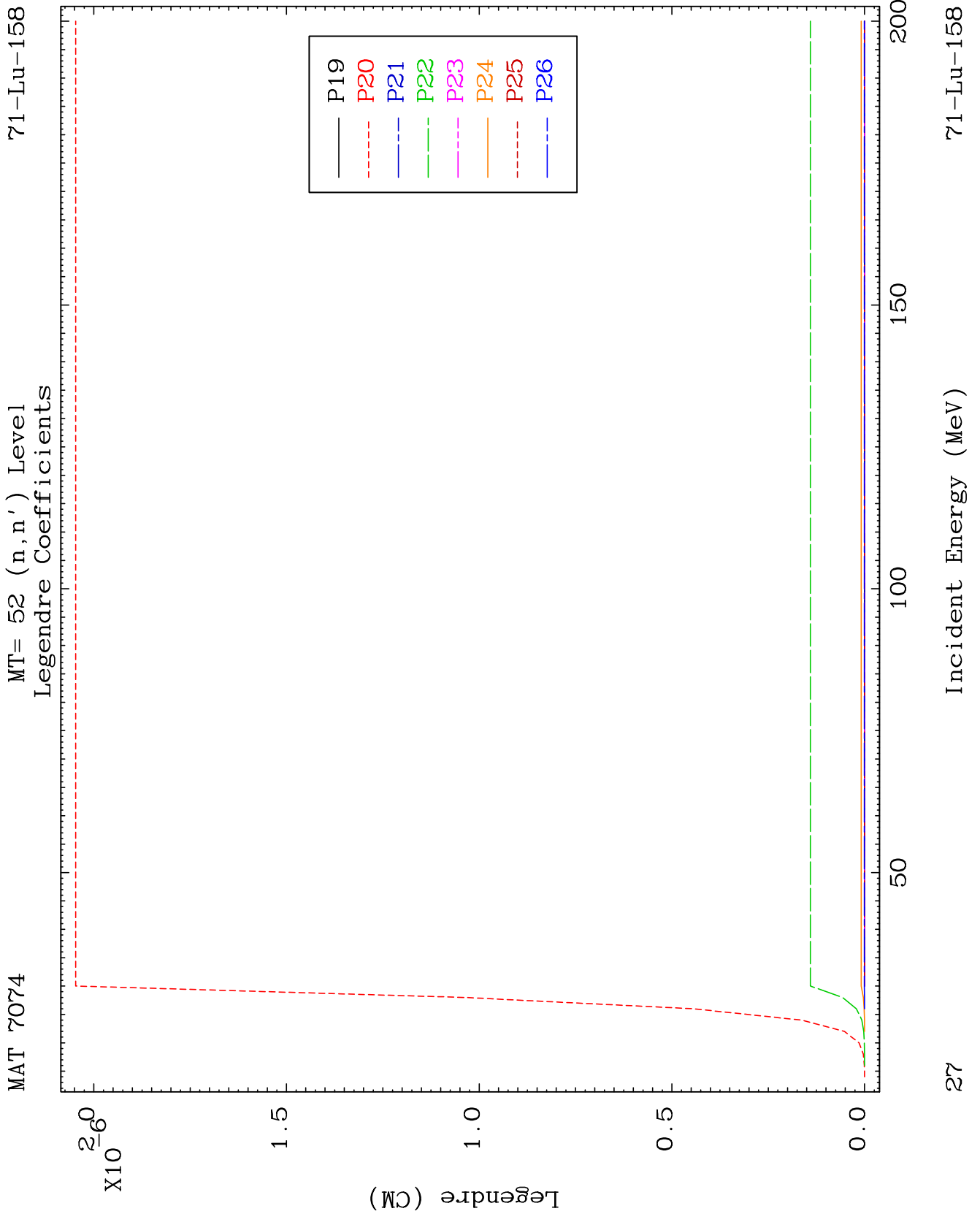


MAT 7074

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

71-Lu-158

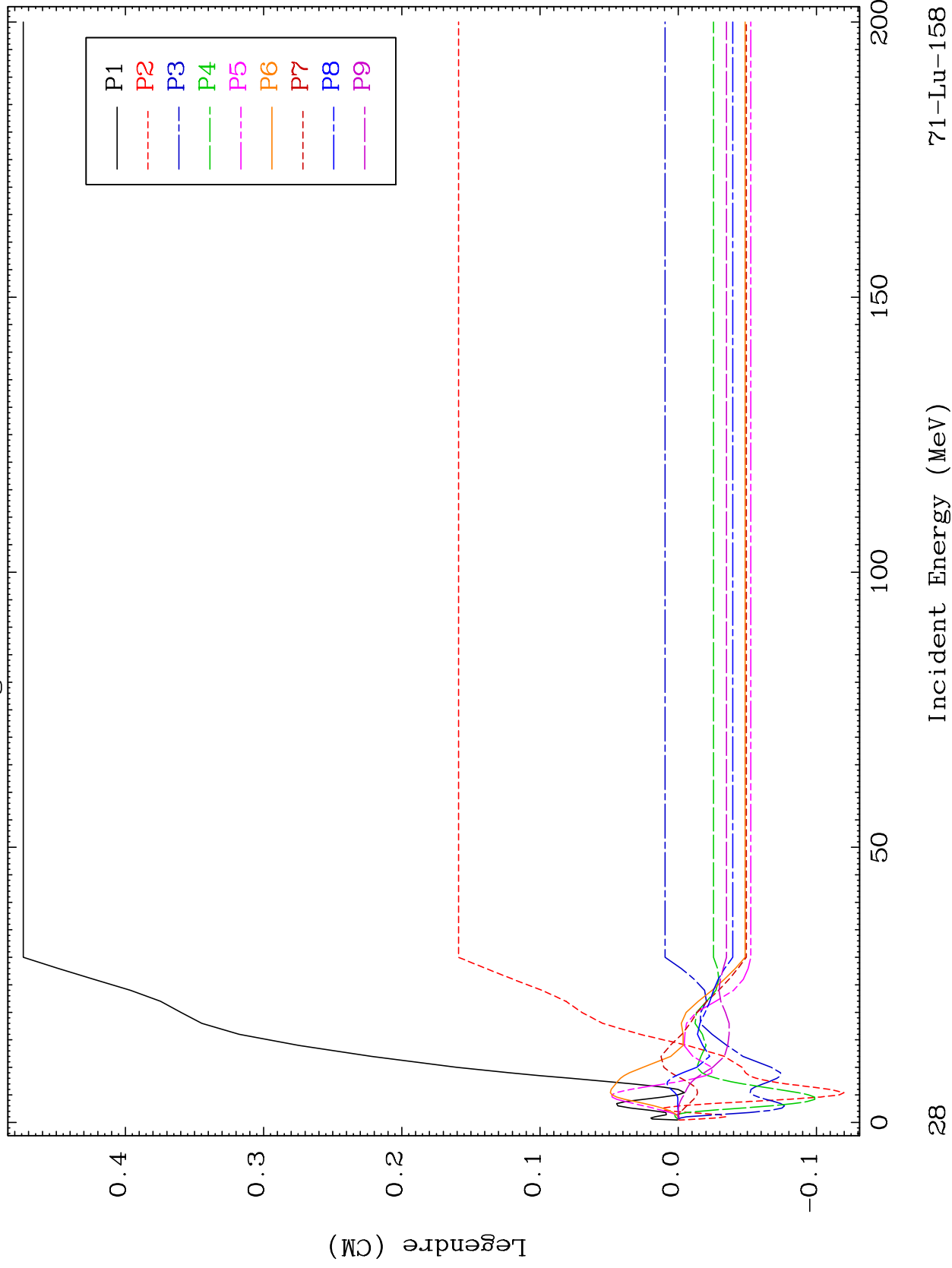




MAT 7074

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

71-Lu-158



71-Lu-158

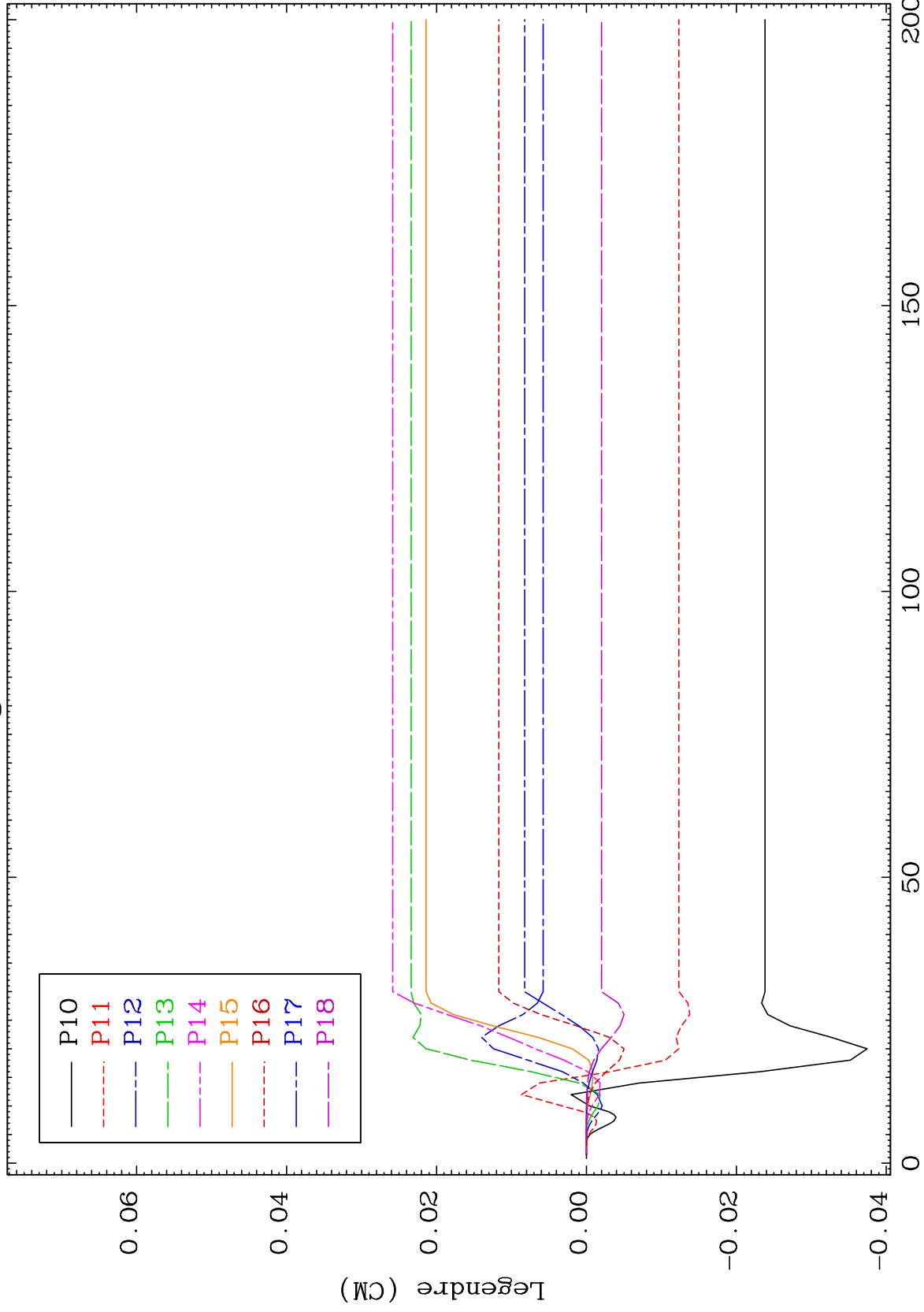
Incident Energy (MeV)

28

MAT 7074

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

71-Lu-158



29

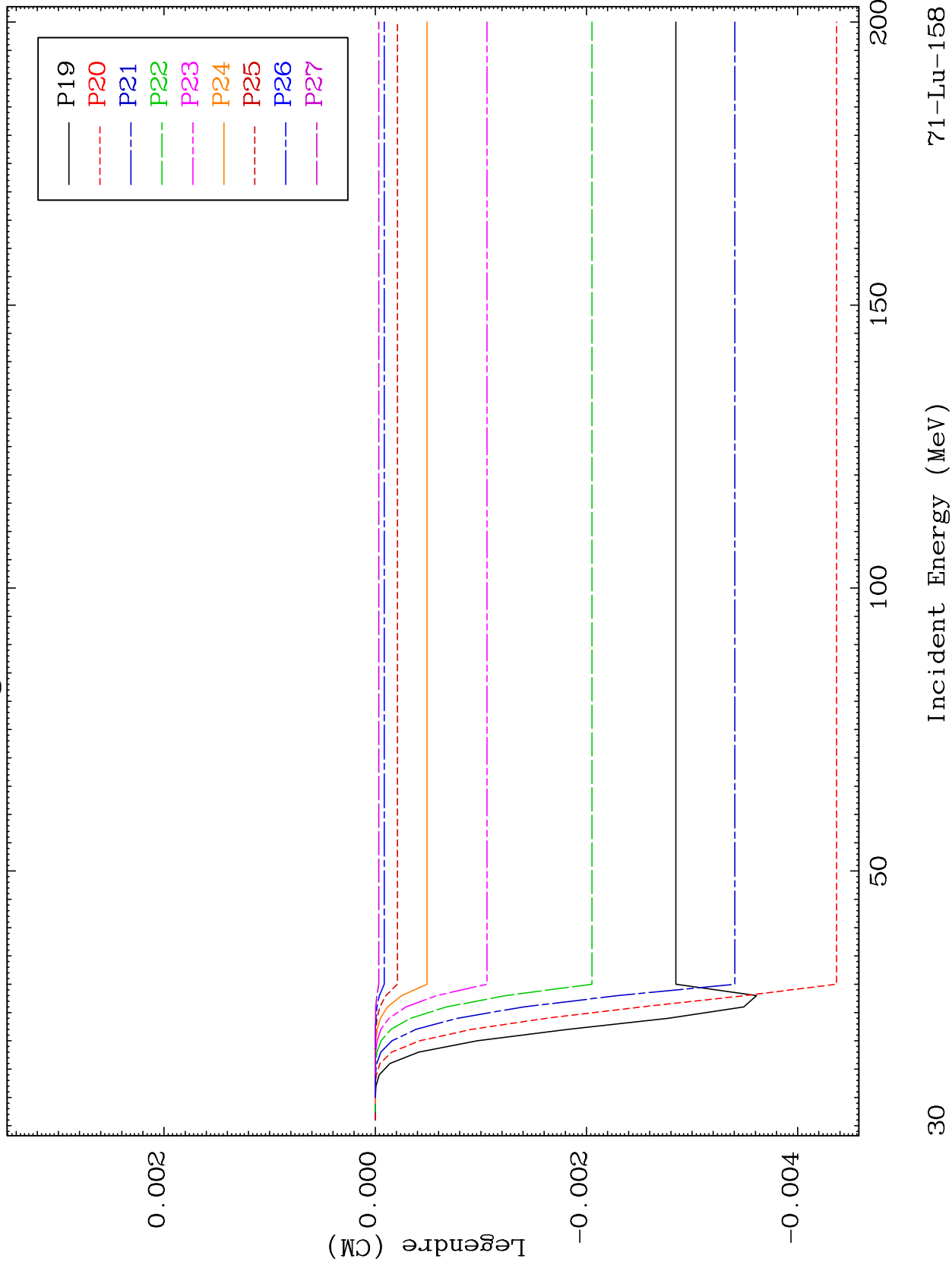
Incident Energy (MeV)

71-Lu-158

MAT 7074

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

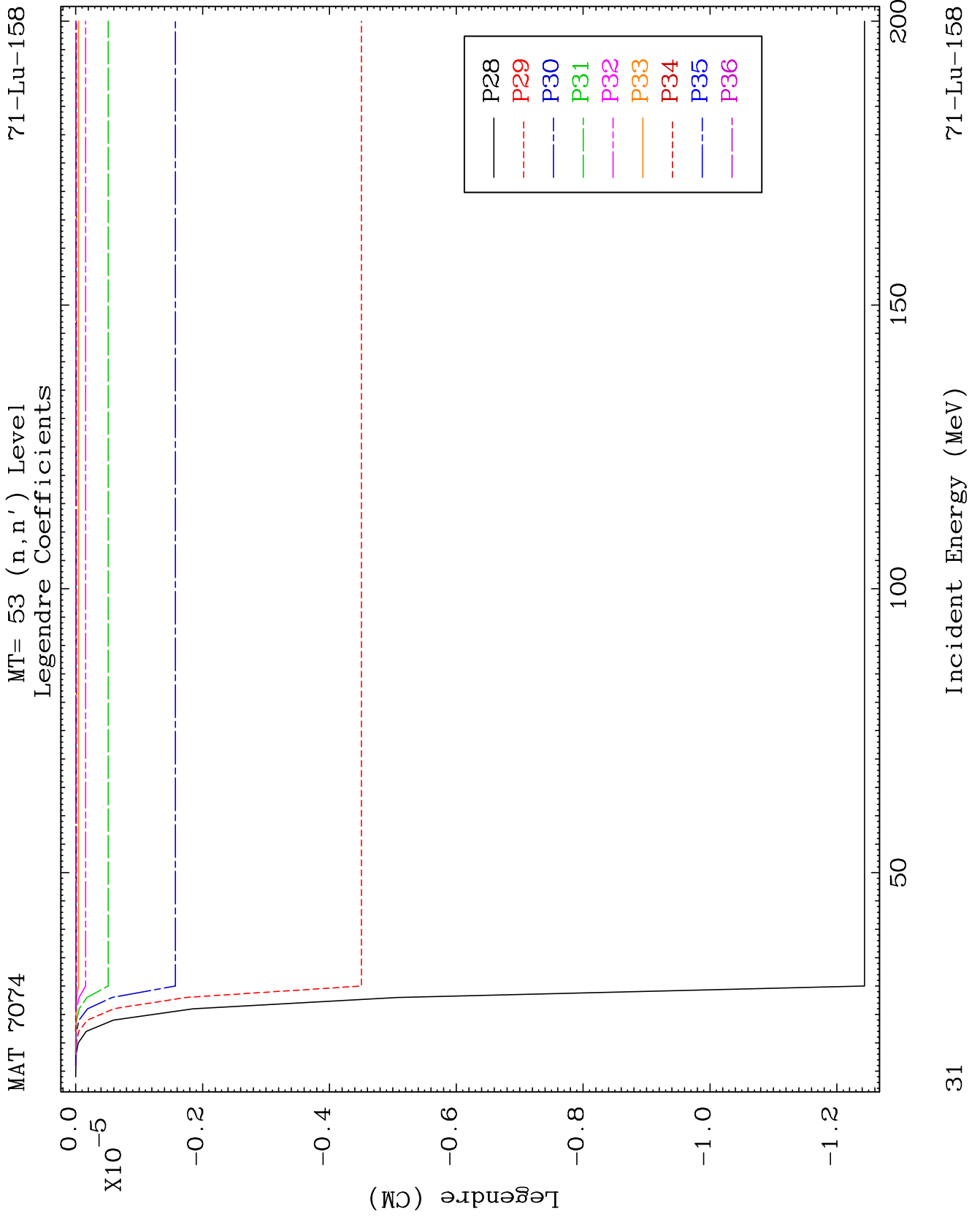
71-Lu-158



30

Incident Energy (MeV)

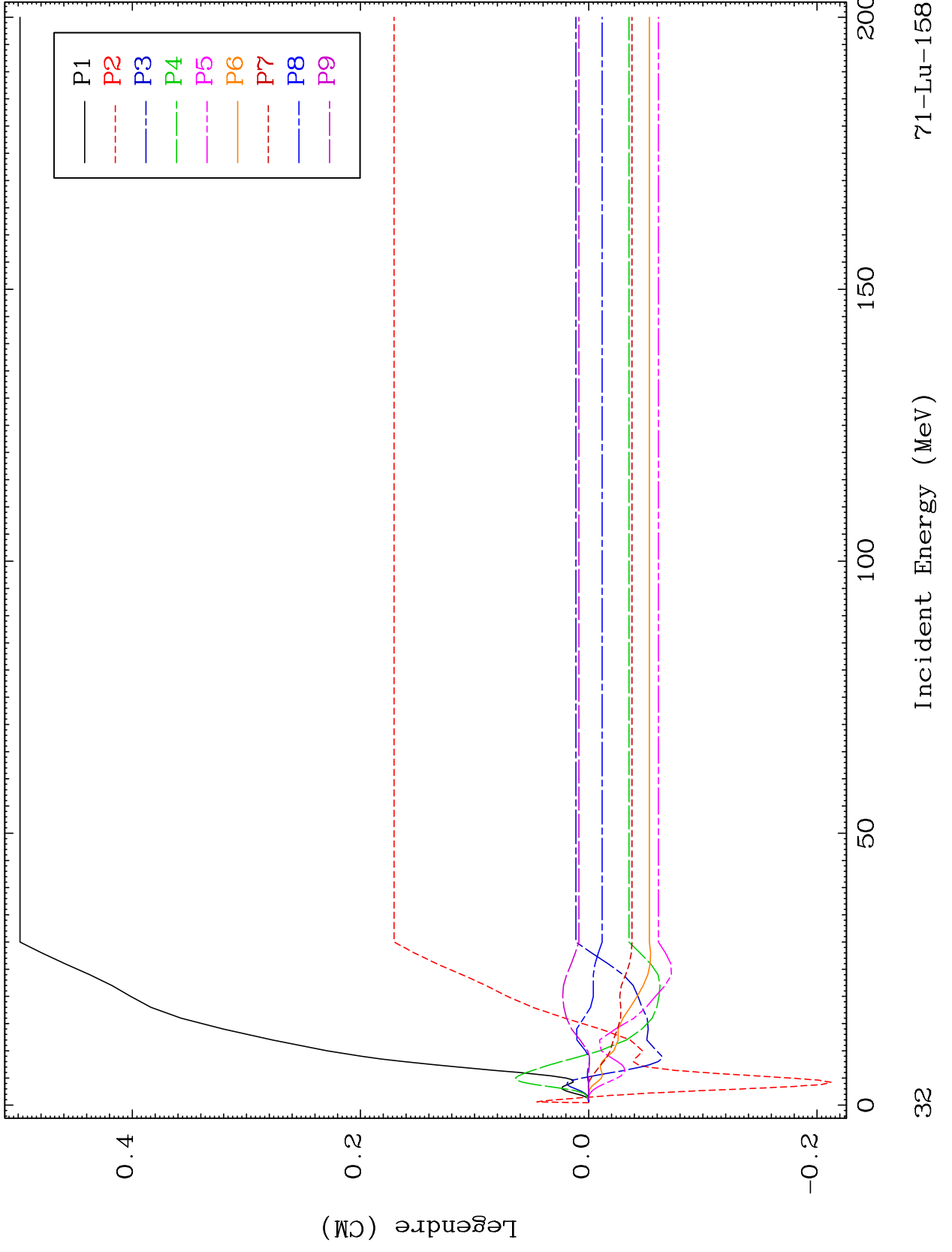
71-Lu-158



MAT 7074

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

71-Lu-158



71-Lu-158

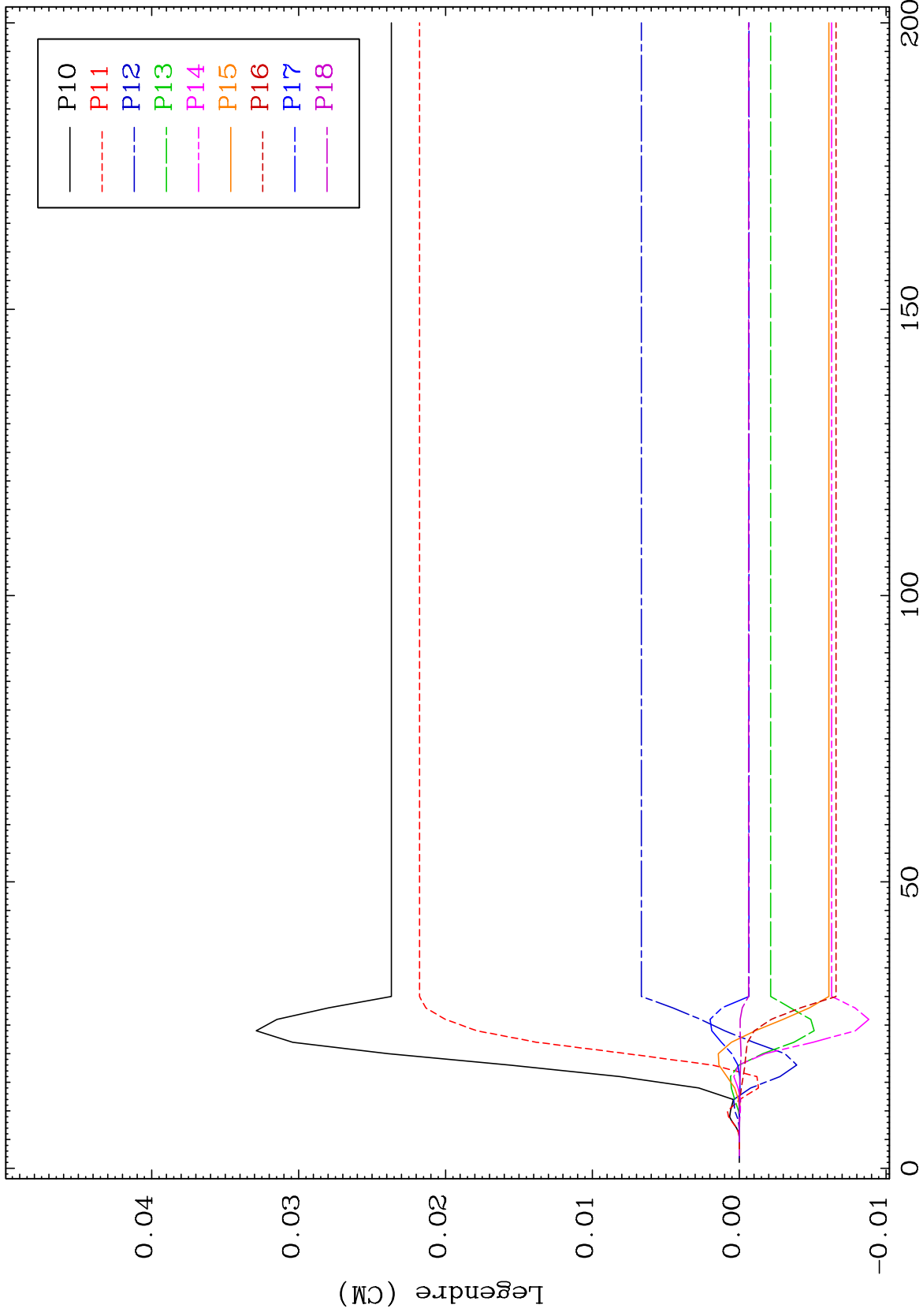
Incident Energy (MeV)

32

MAT 7074

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

71-Lu-158



33

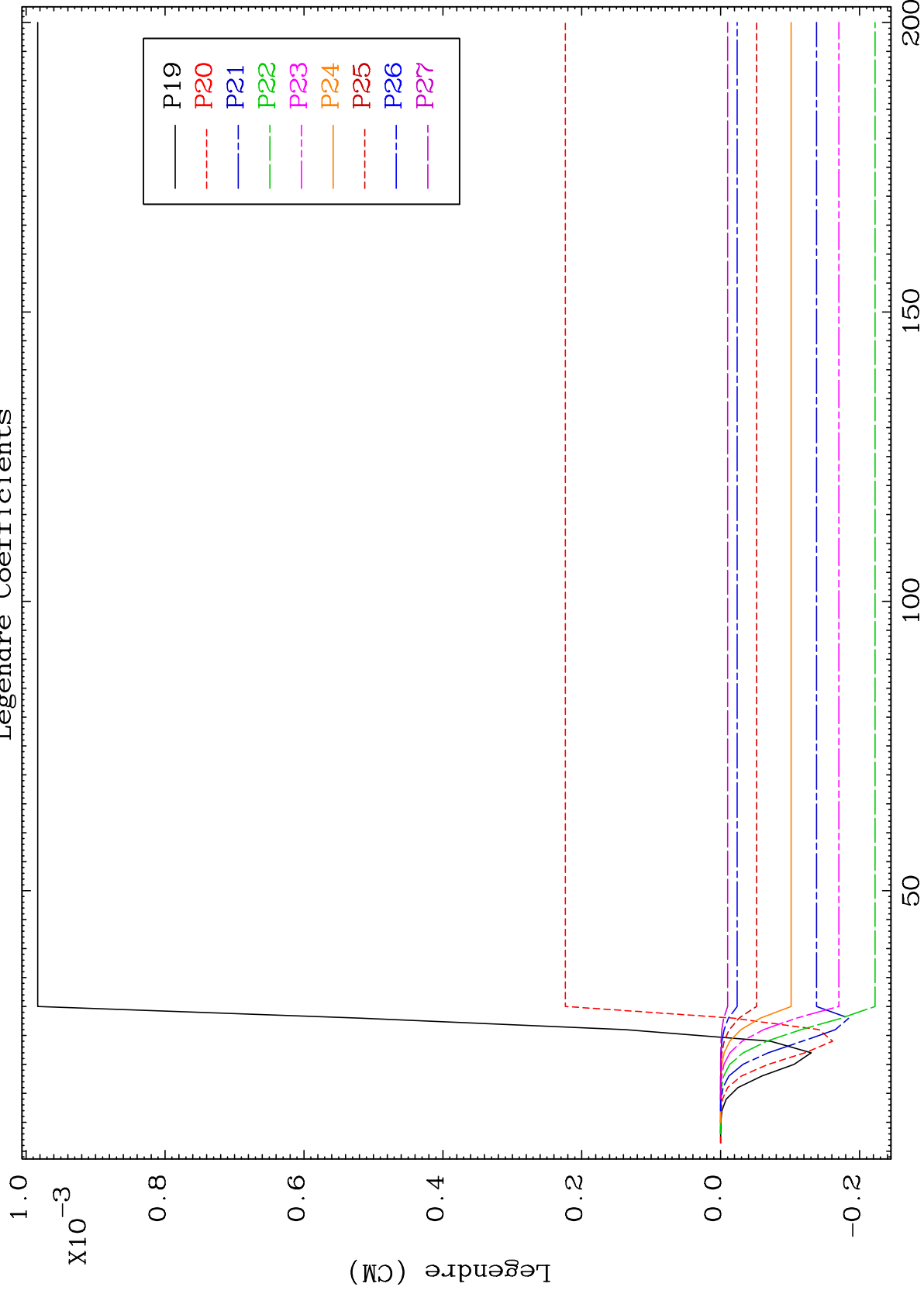
Incident Energy (MeV)

71-Lu-158

MAT 7074

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

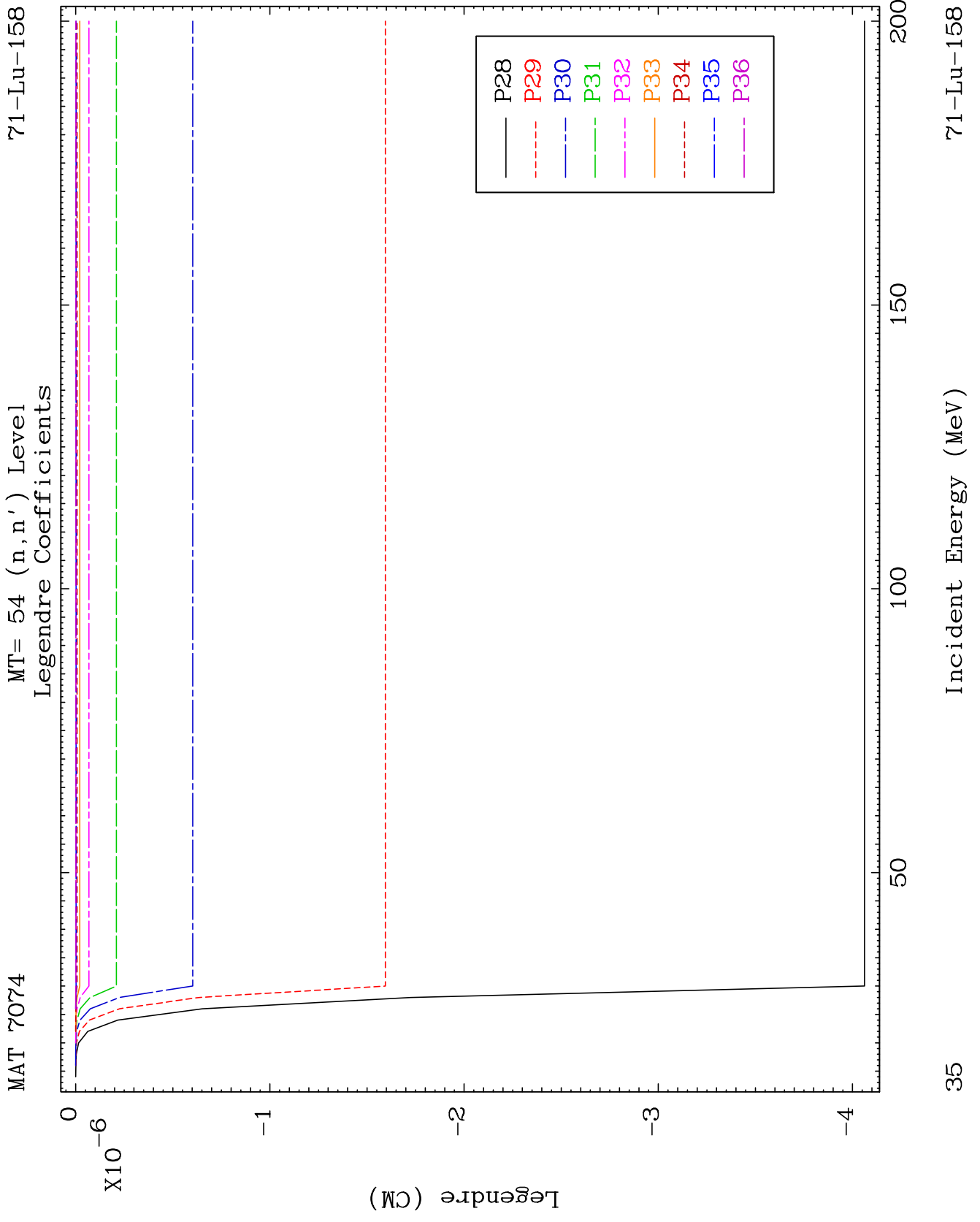
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34

Incident Energy (MeV)

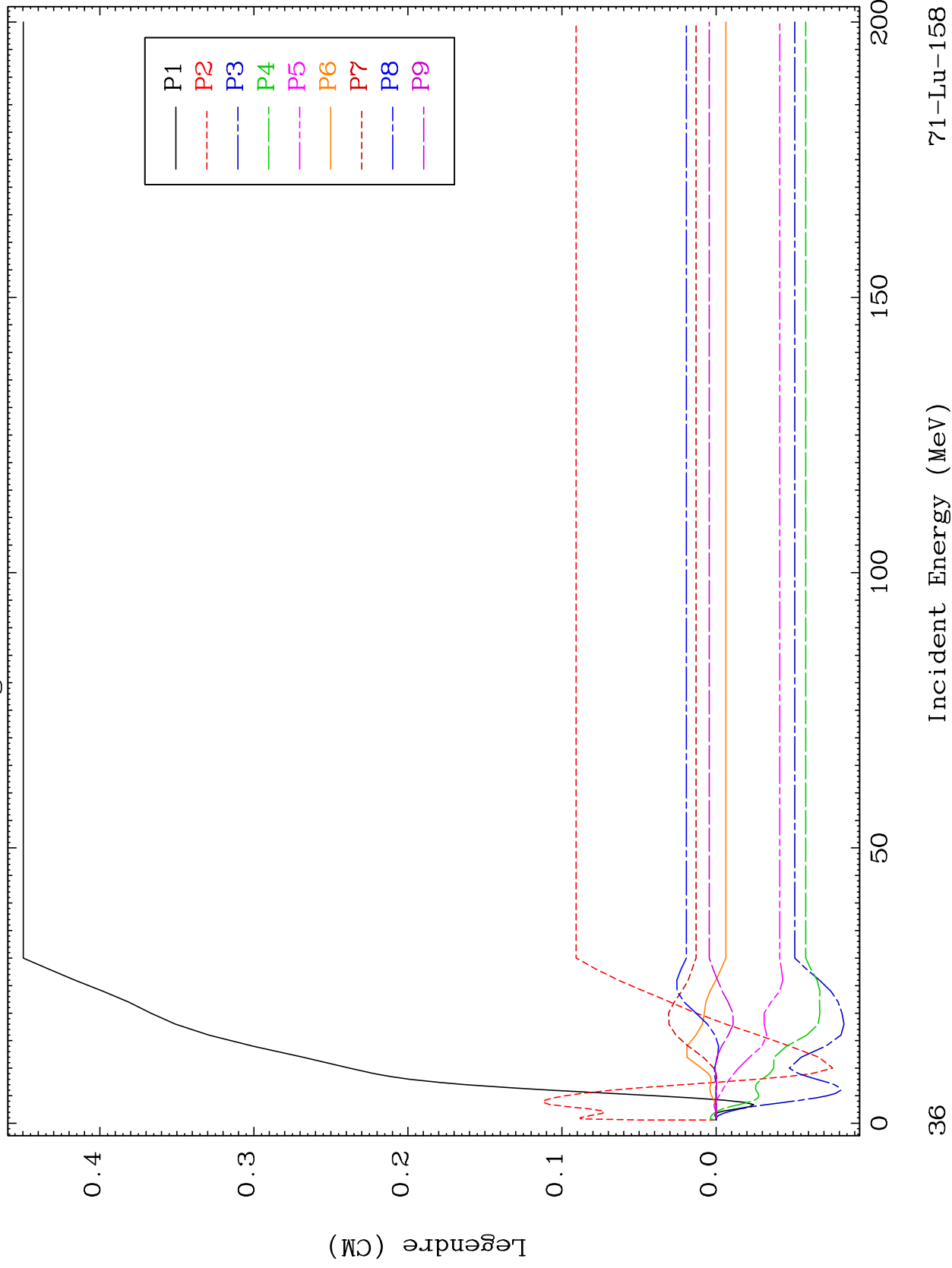
71-Lu-158



MAT 7074

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

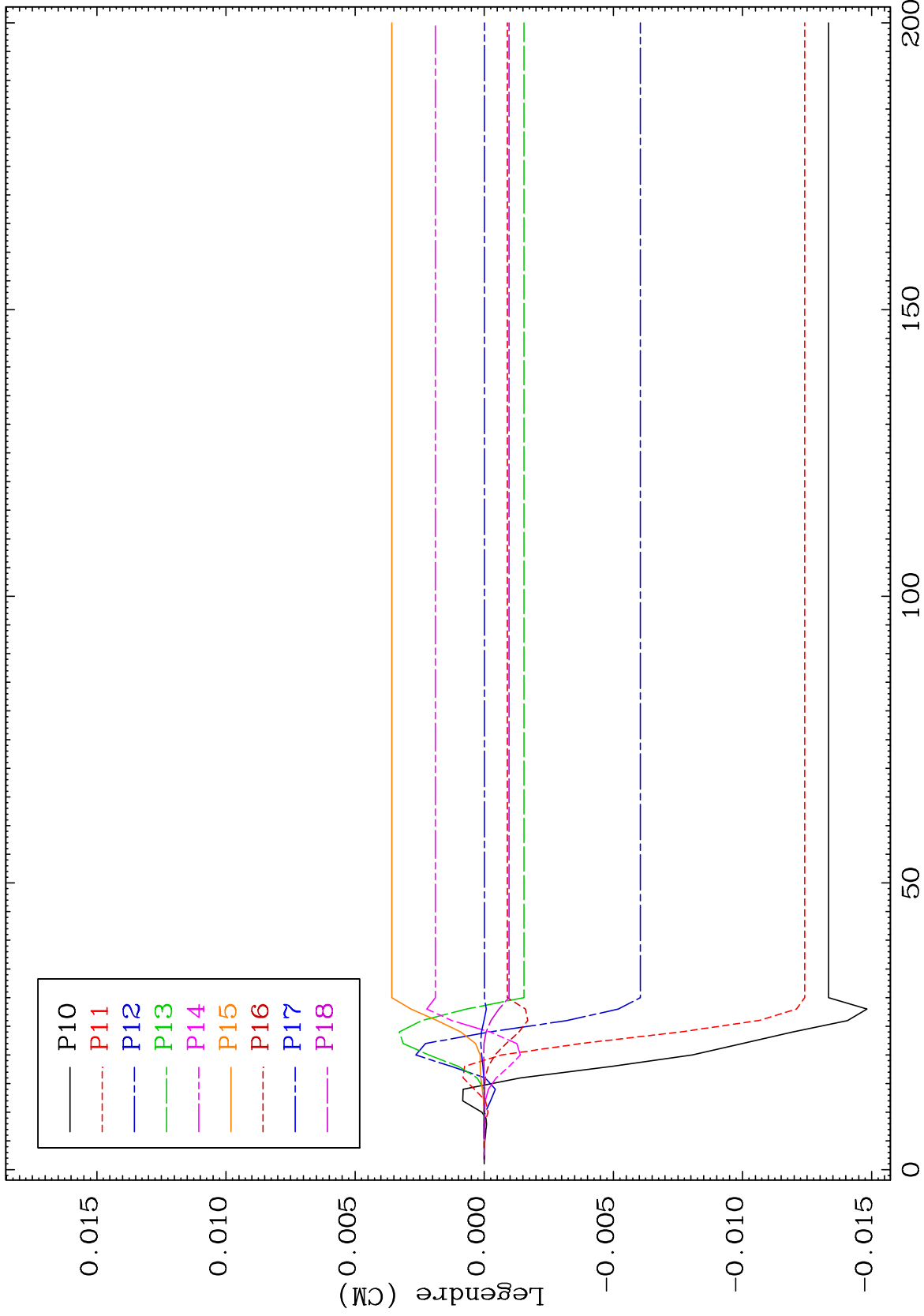
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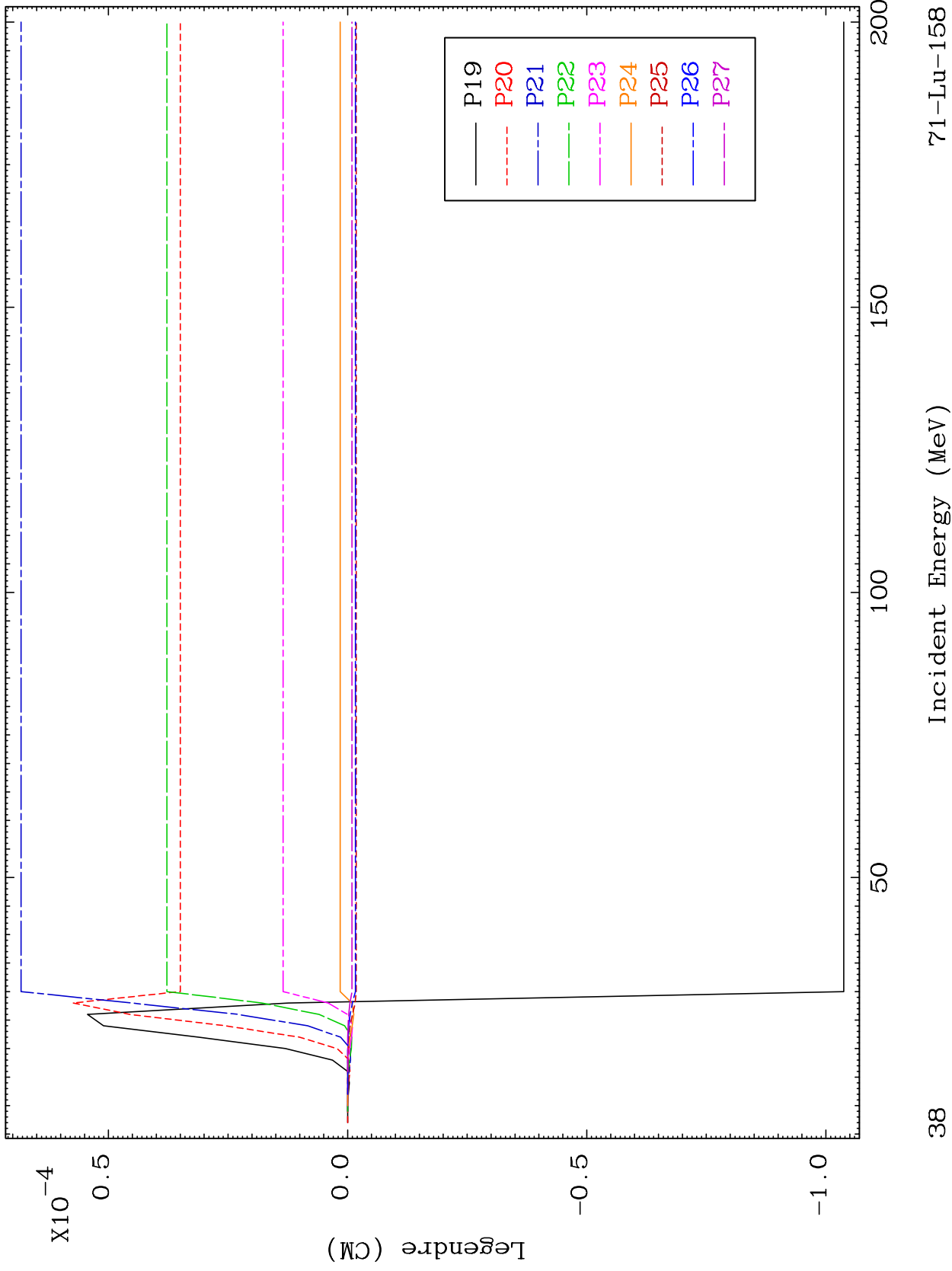


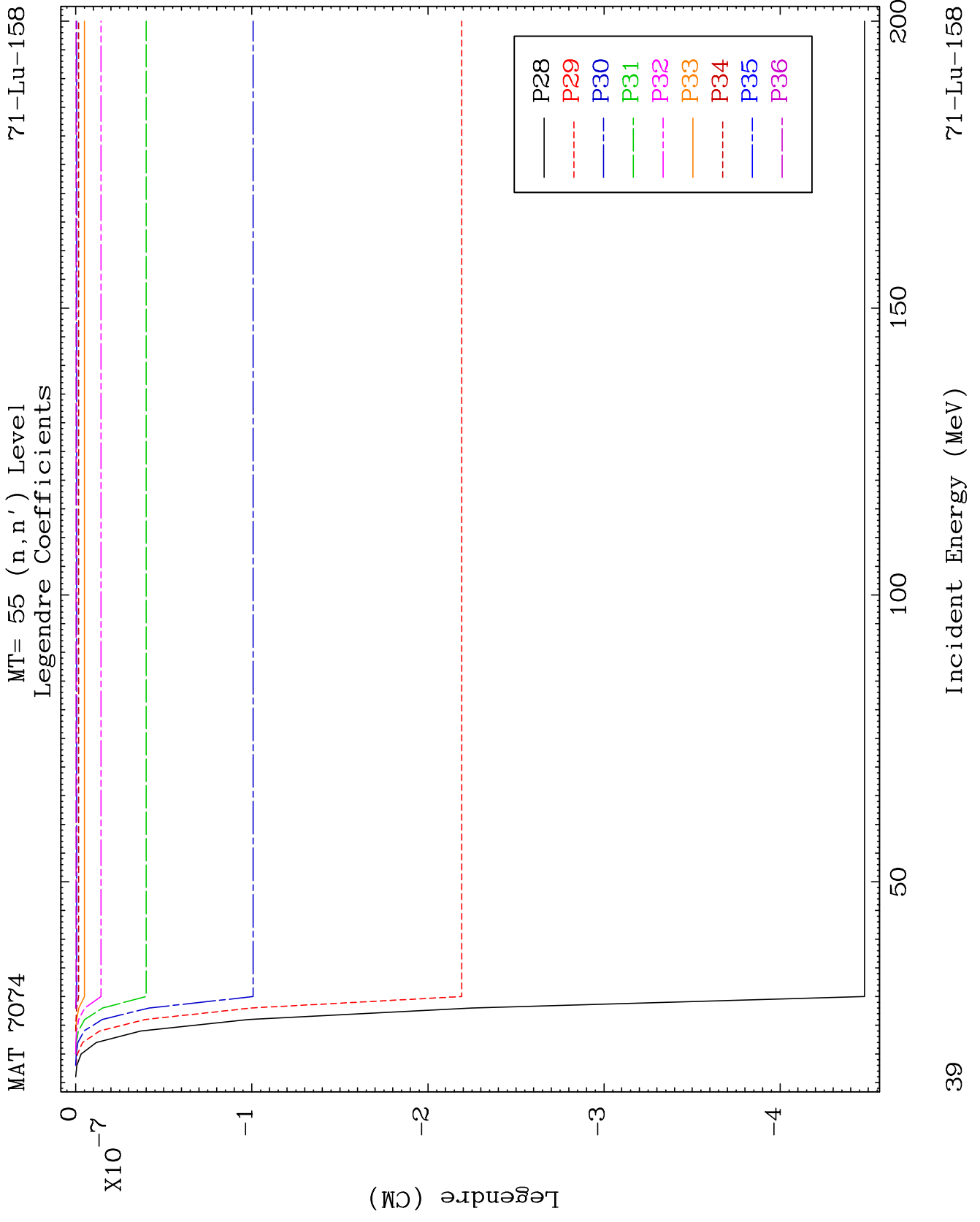
71-Lu-158

Incident Energy (MeV)

36



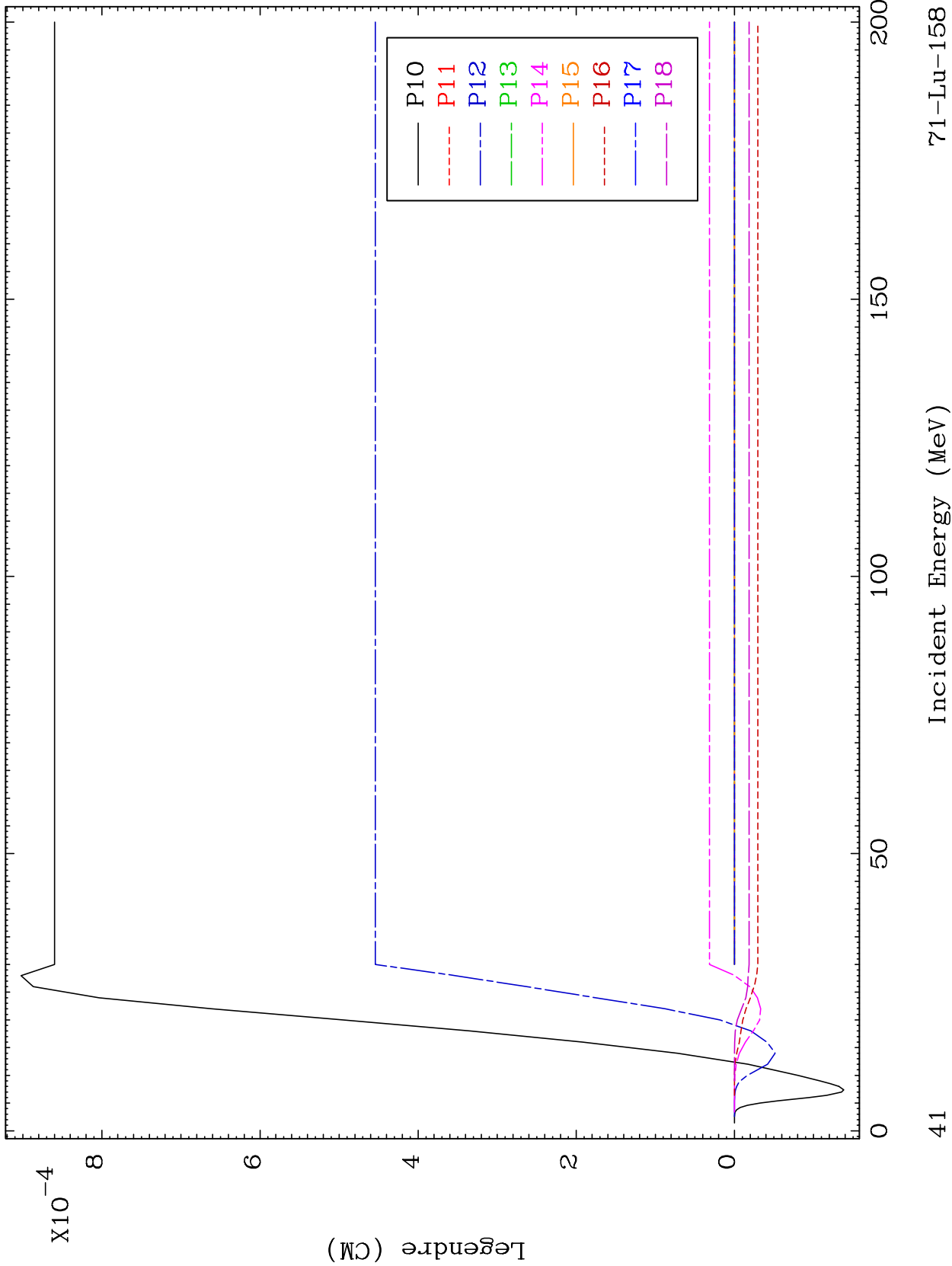




MAT 7074

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

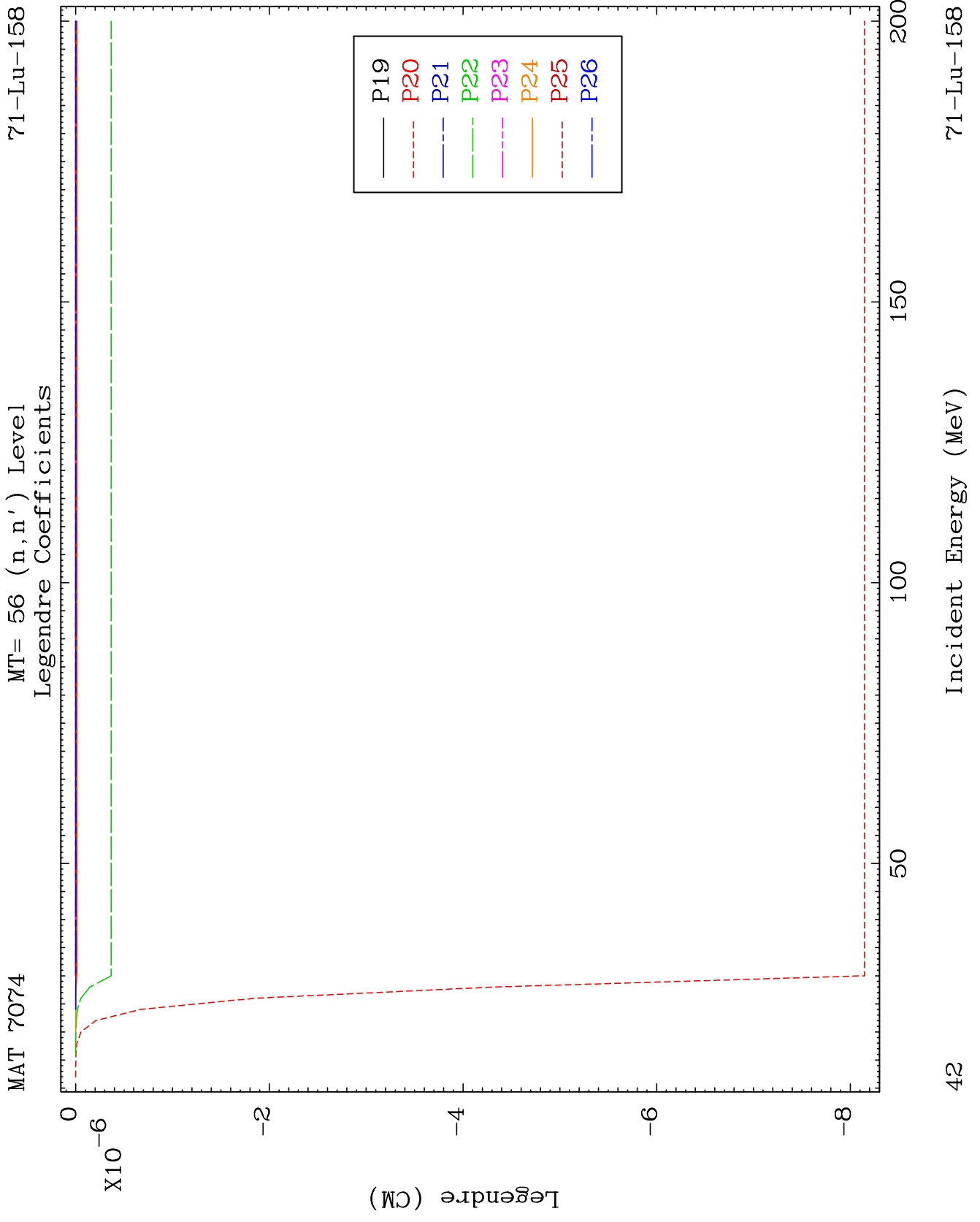
71-Lu-158



71-Lu-158

Incident Energy (MeV)

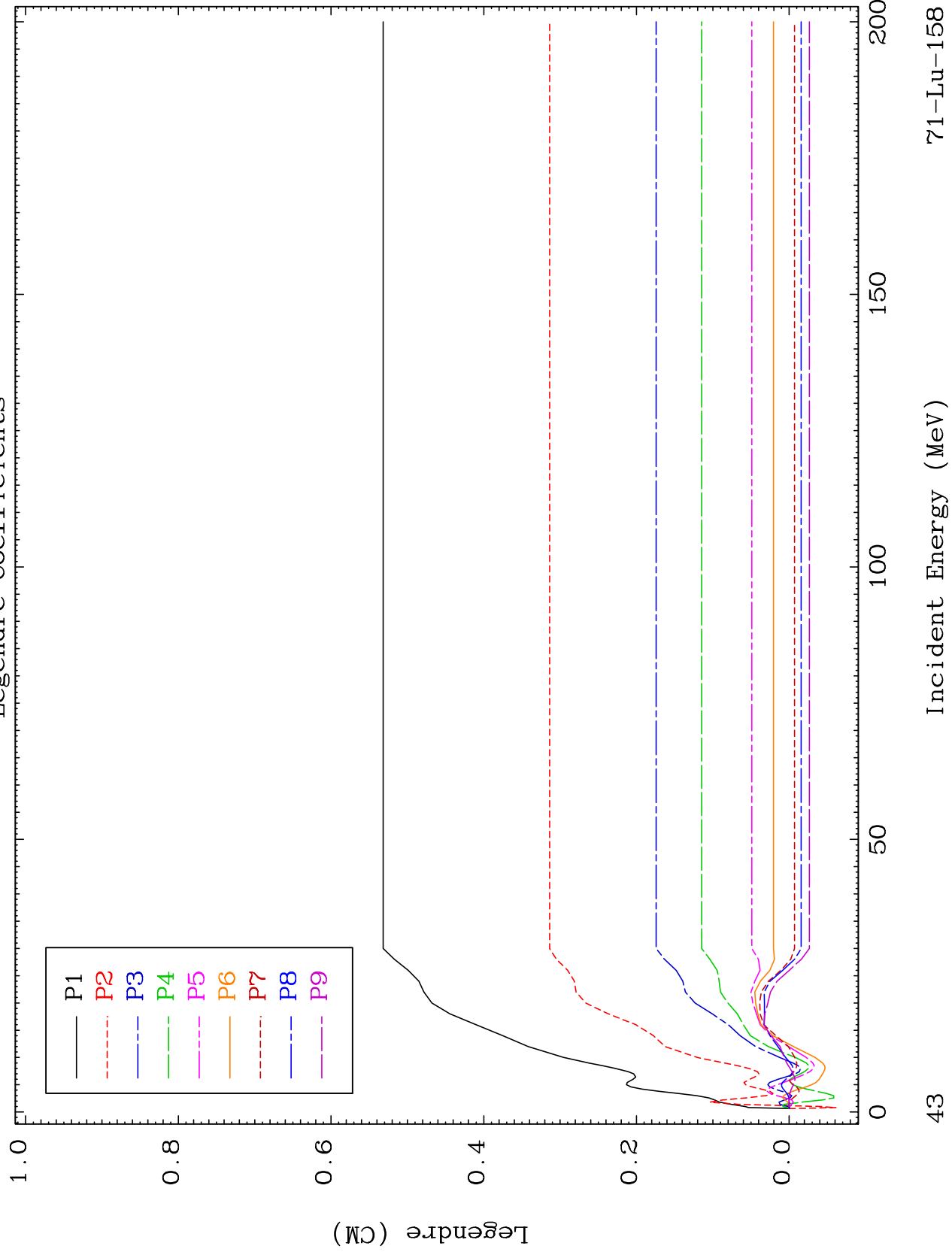
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MAT 7074

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

71-Lu-158



71-Lu-158

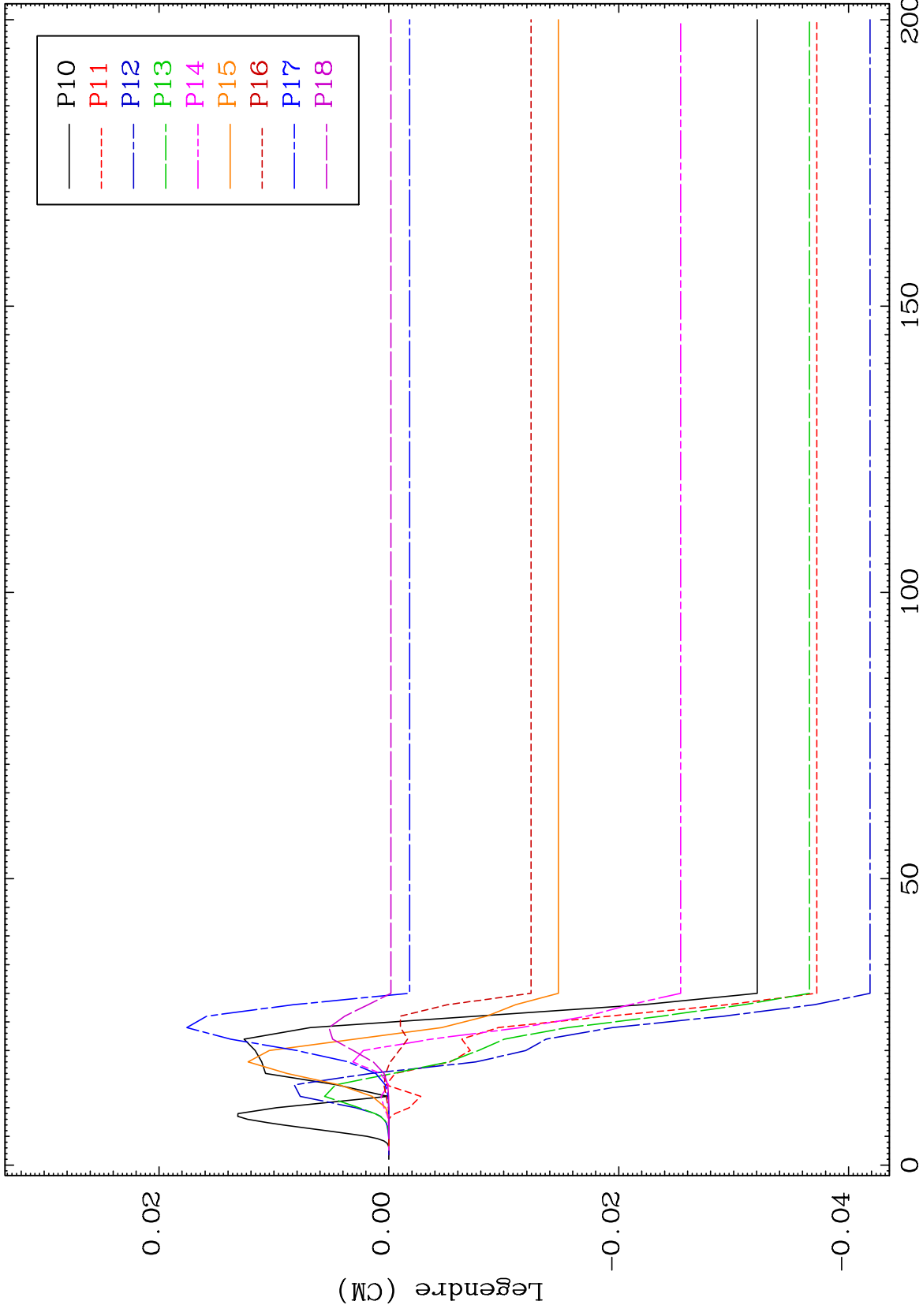
Incident Energy (MeV)

43

MAT 7074

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

71-Lu-158



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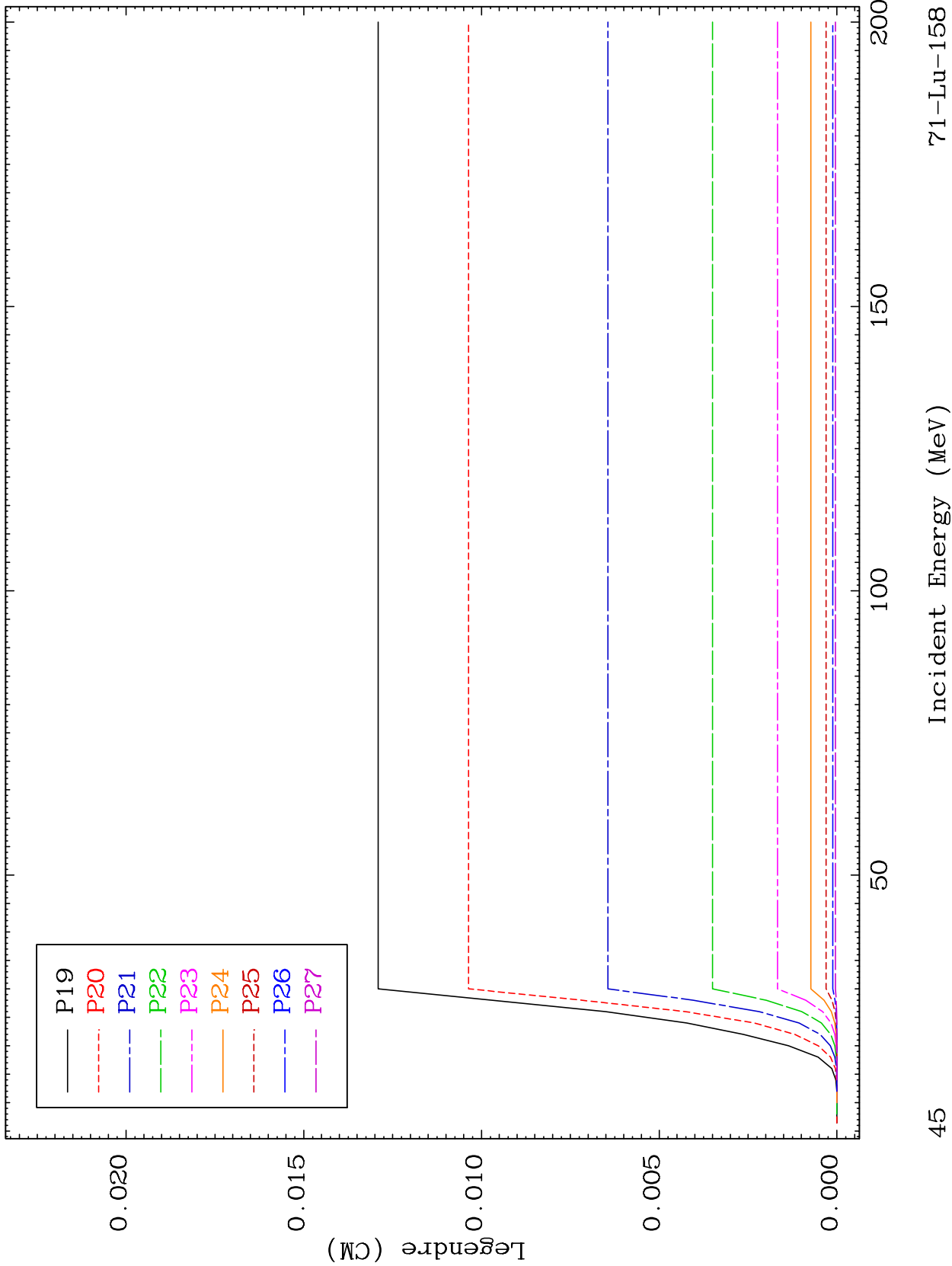
Incident Energy (MeV)

71-Lu-158

MAT 7074

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

71-Lu-158



45

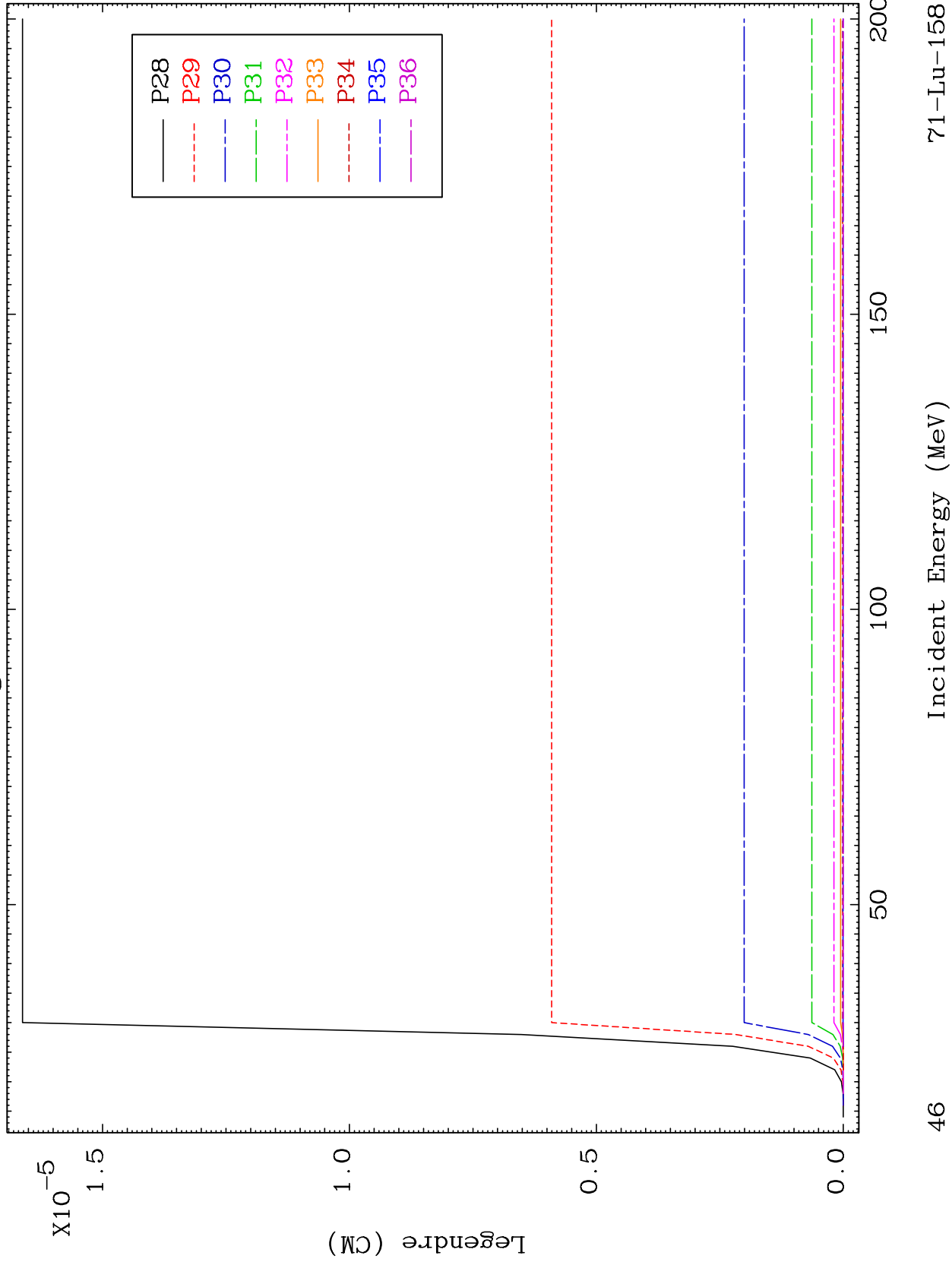
Incident Energy (MeV)

71-Lu-158

MAT 7074

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

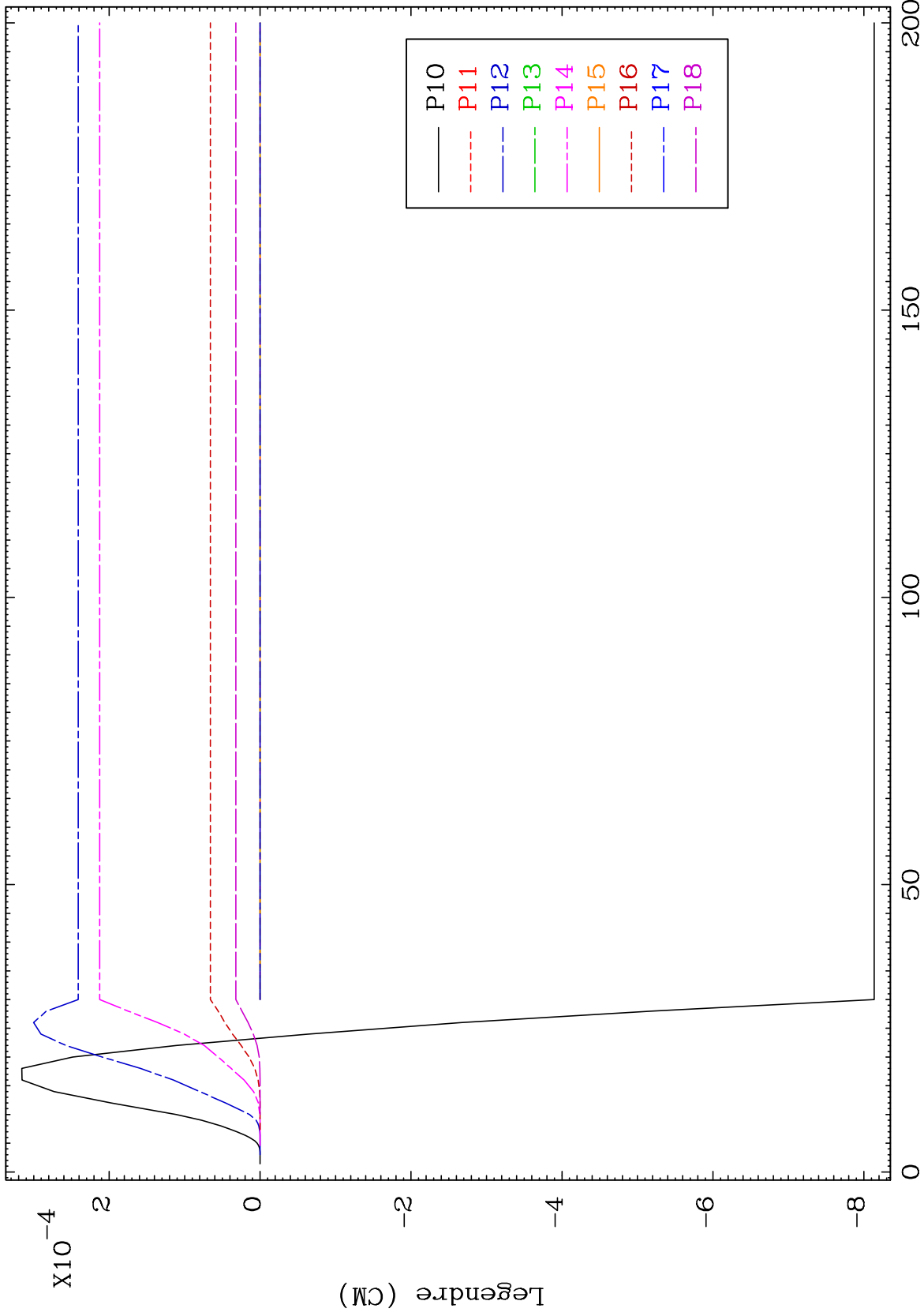
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MAT 7074

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

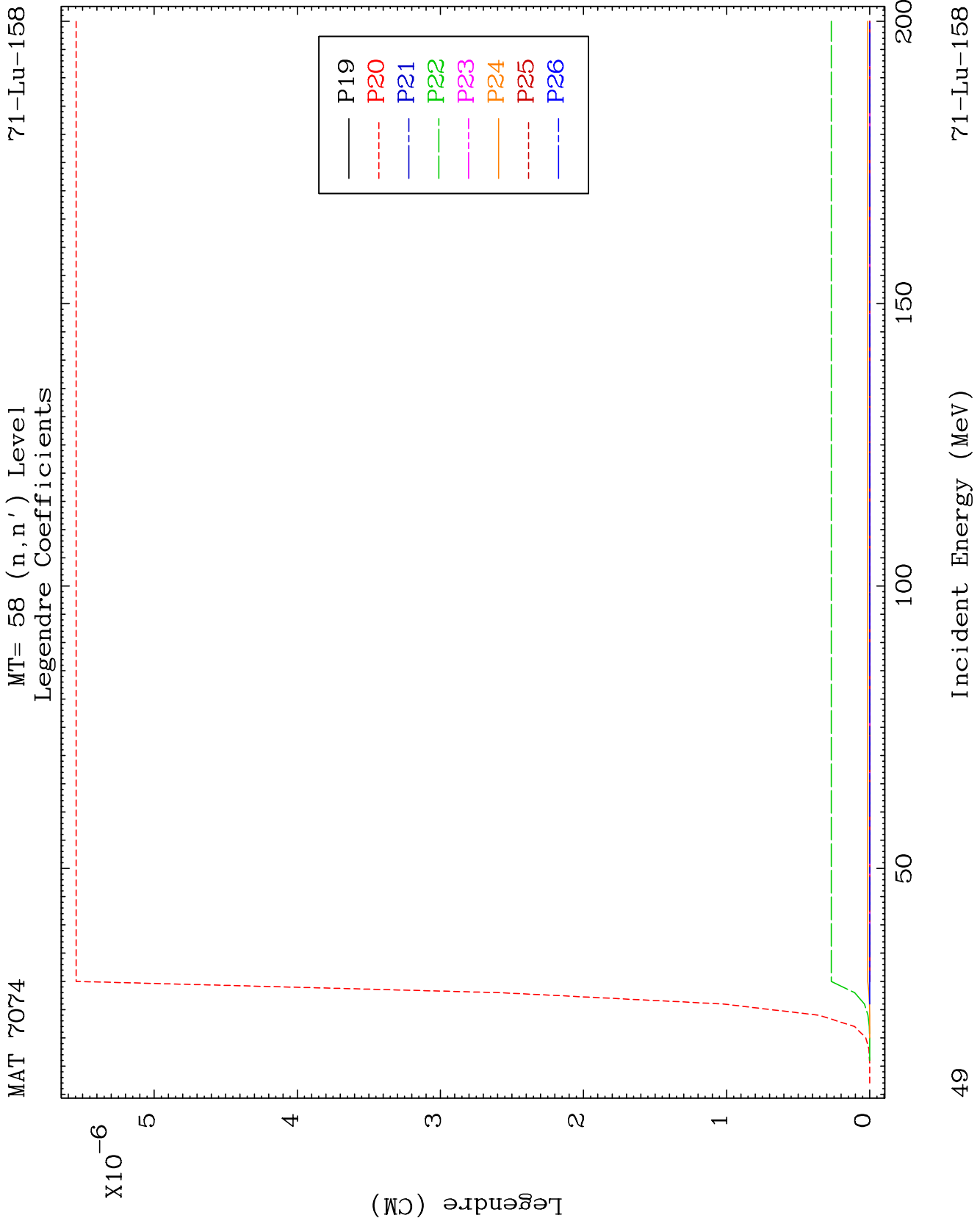
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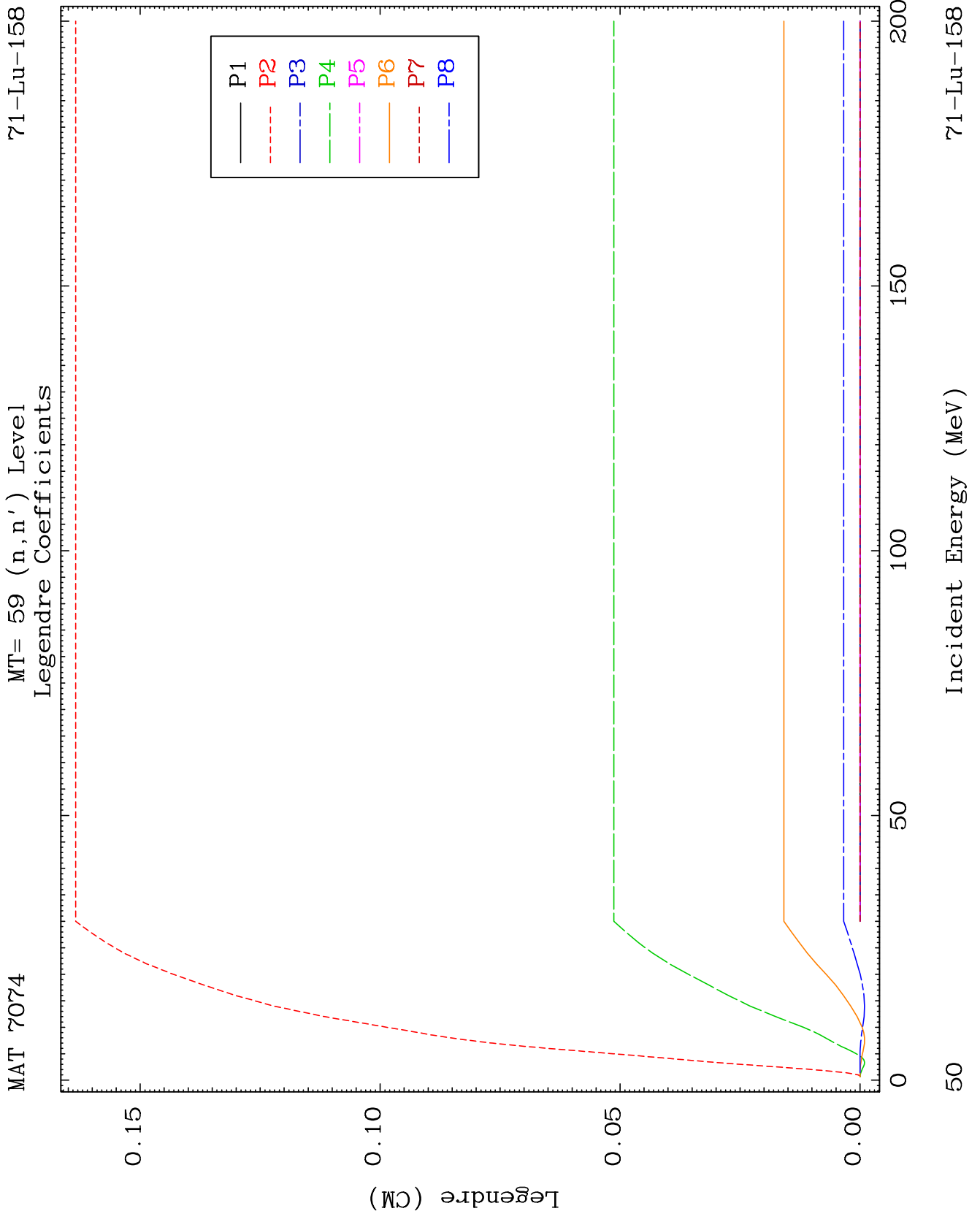


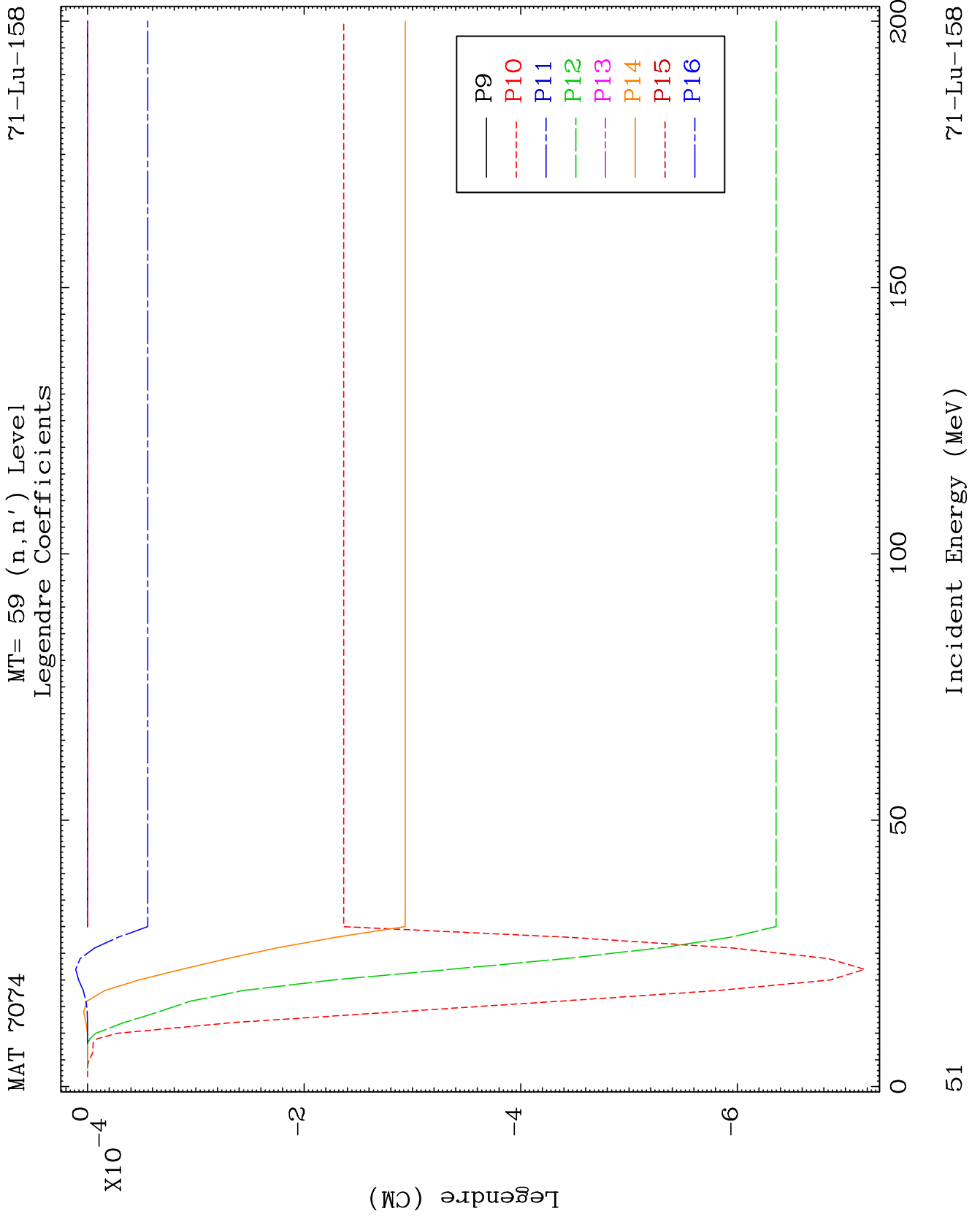
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Incident Energy (MeV)

71-Lu-158



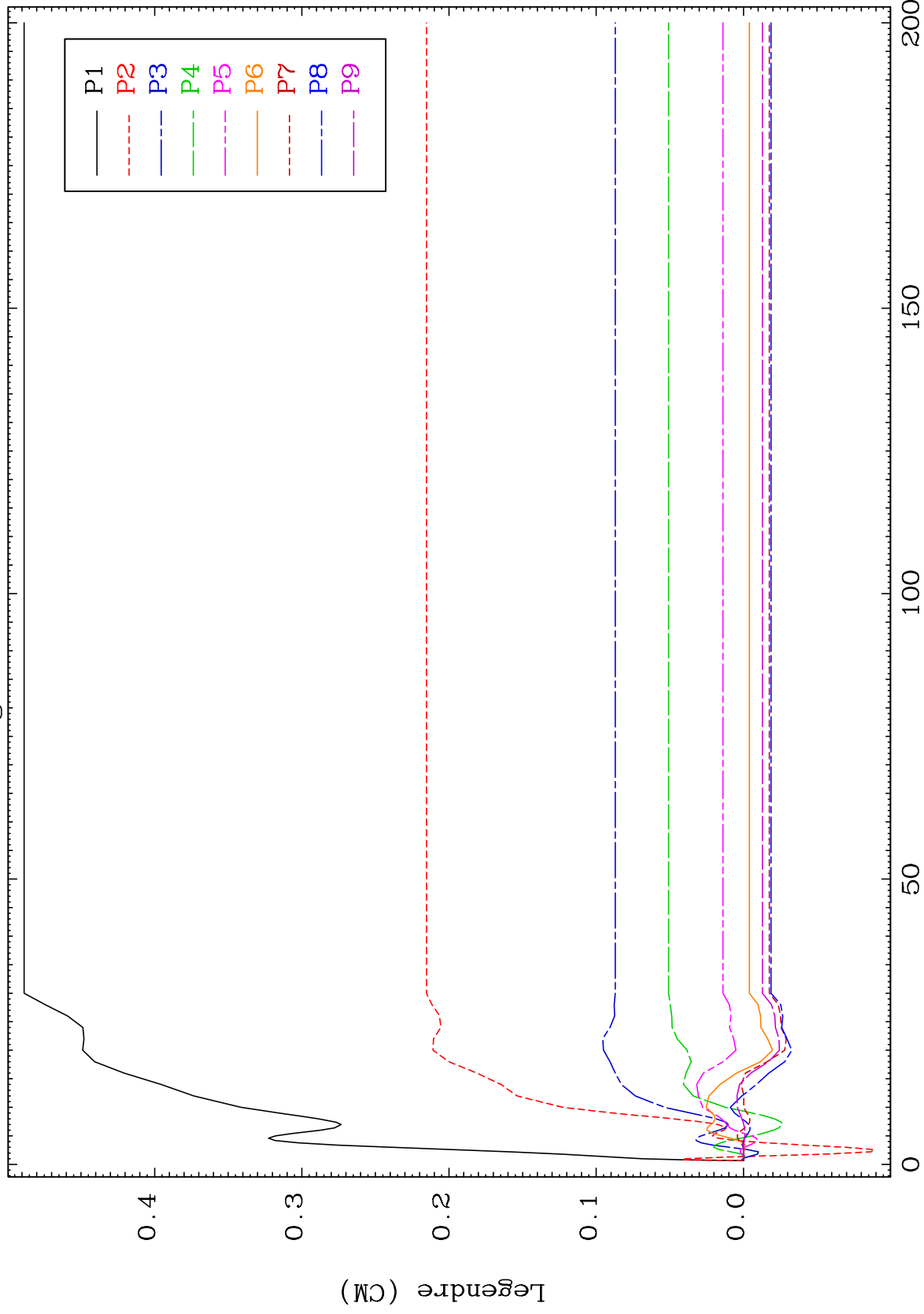




MAT 7074

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

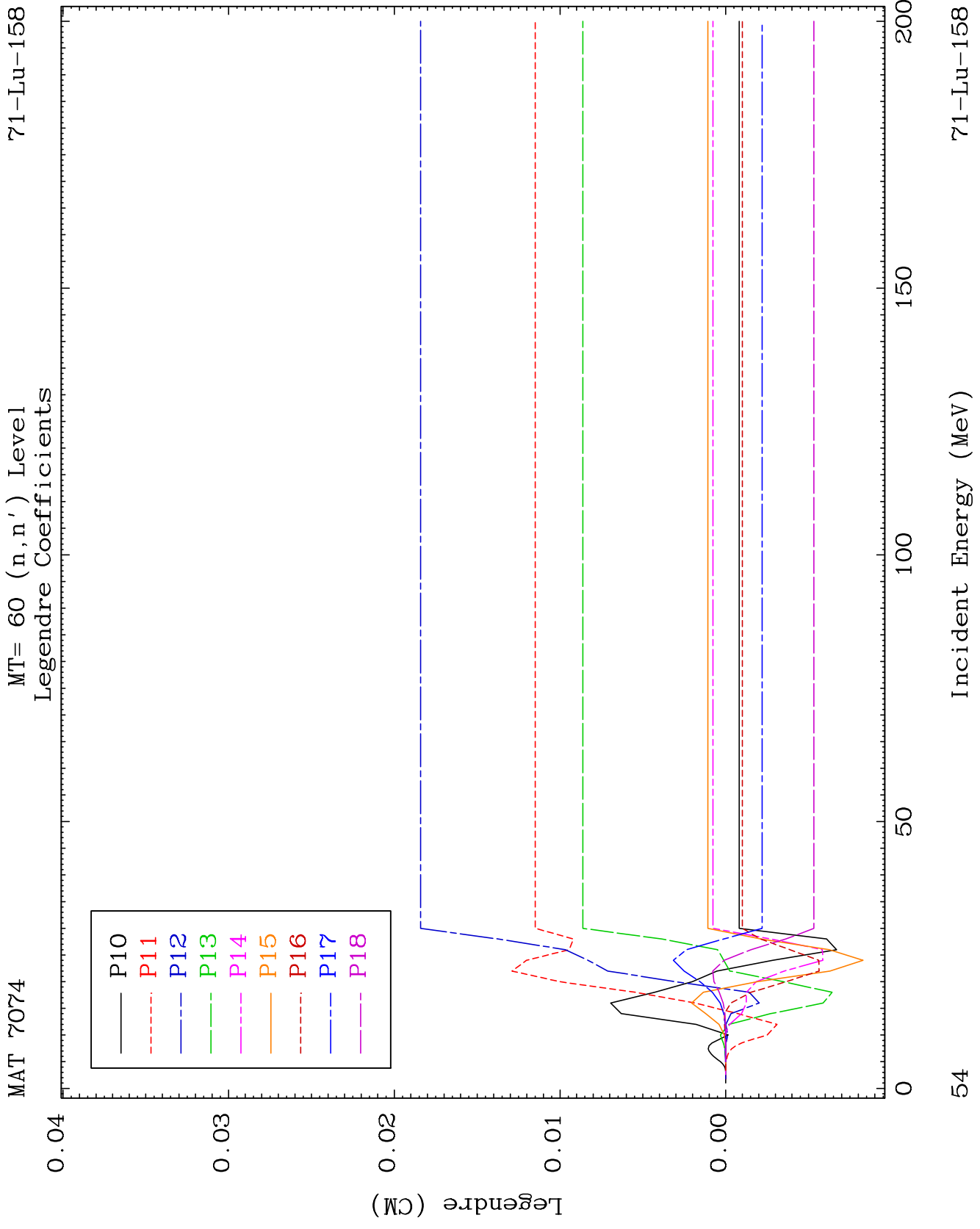
71-Lu-158



53

Incident Energy (MeV)

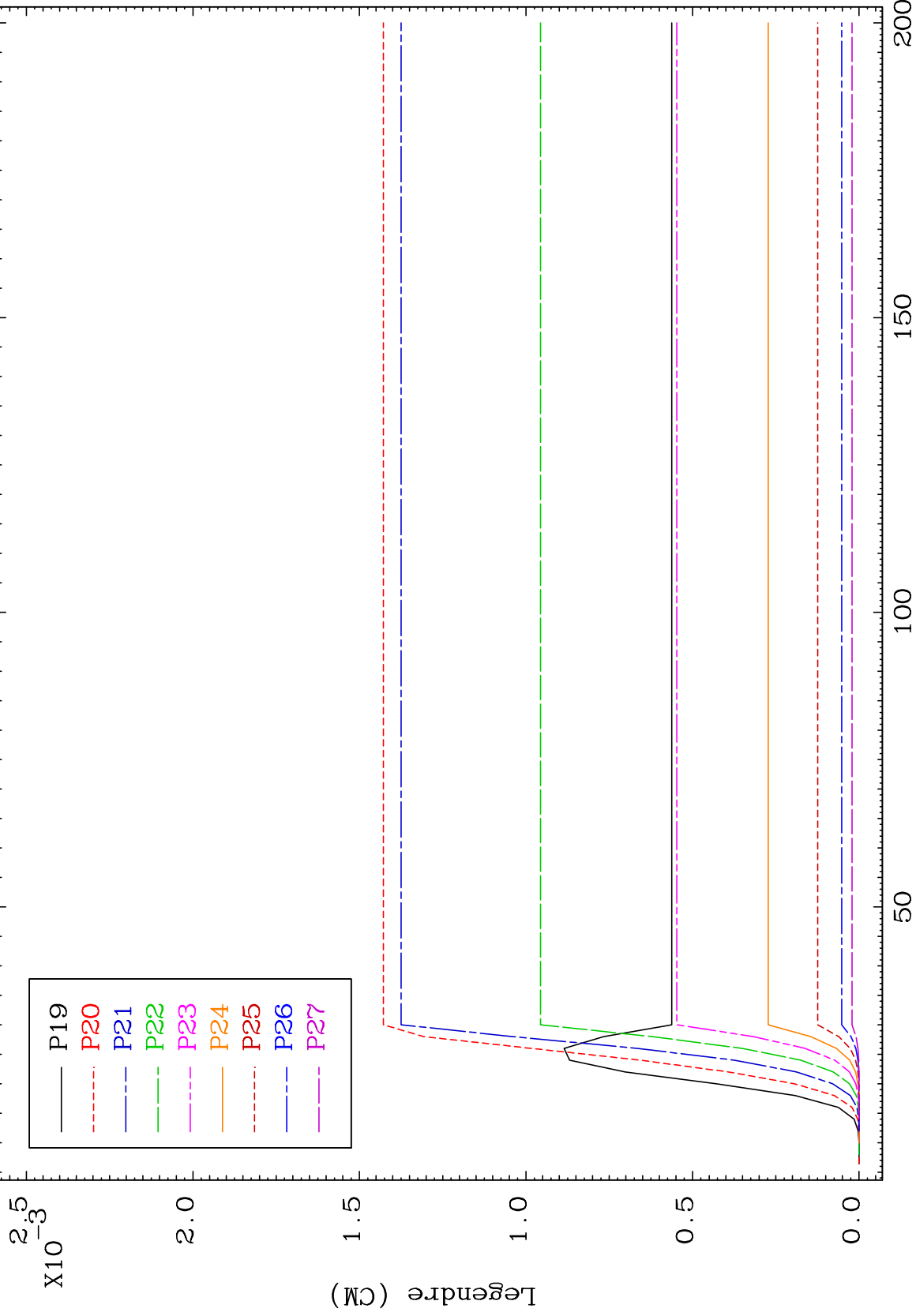
71-Lu-158



MAT 7074

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

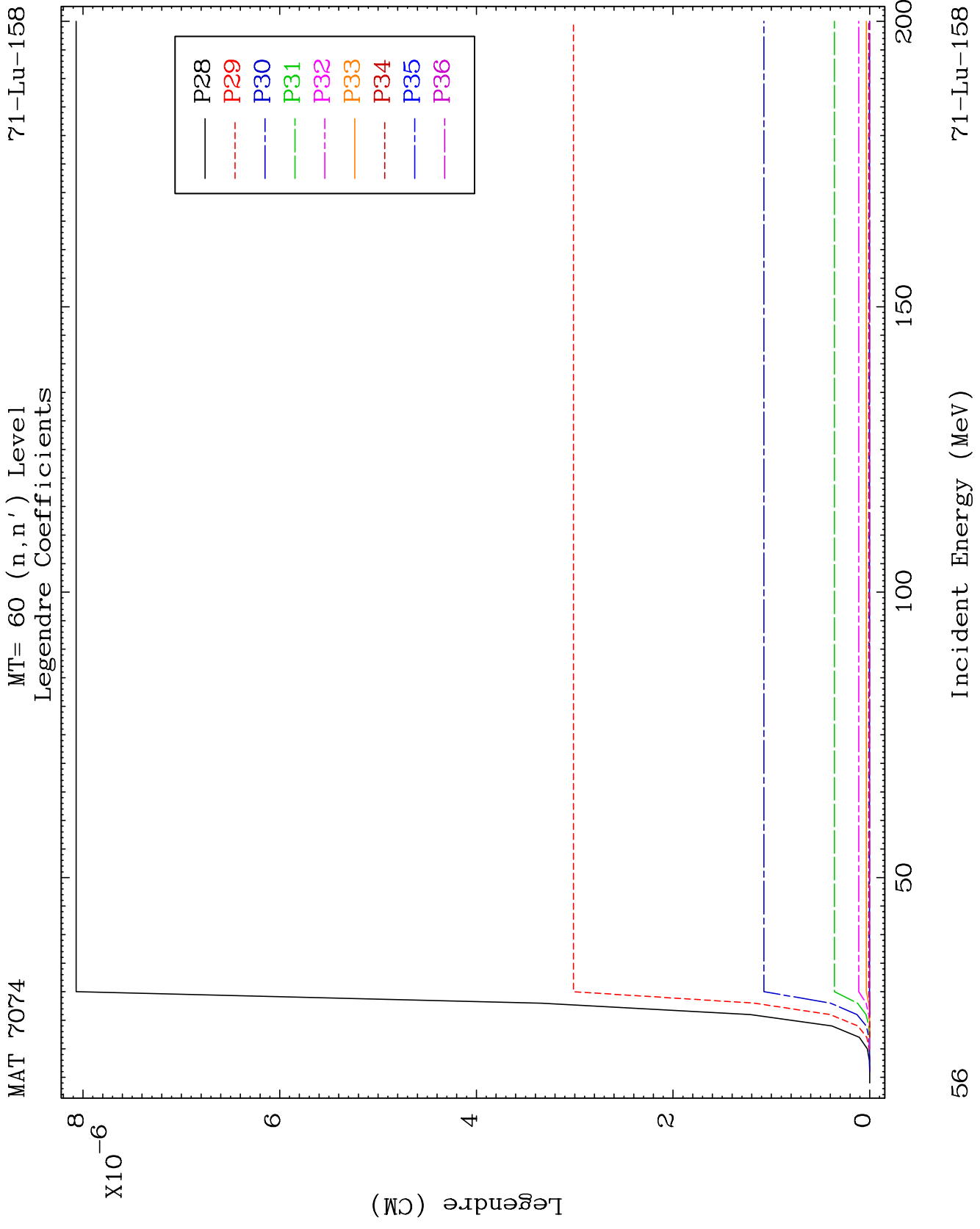
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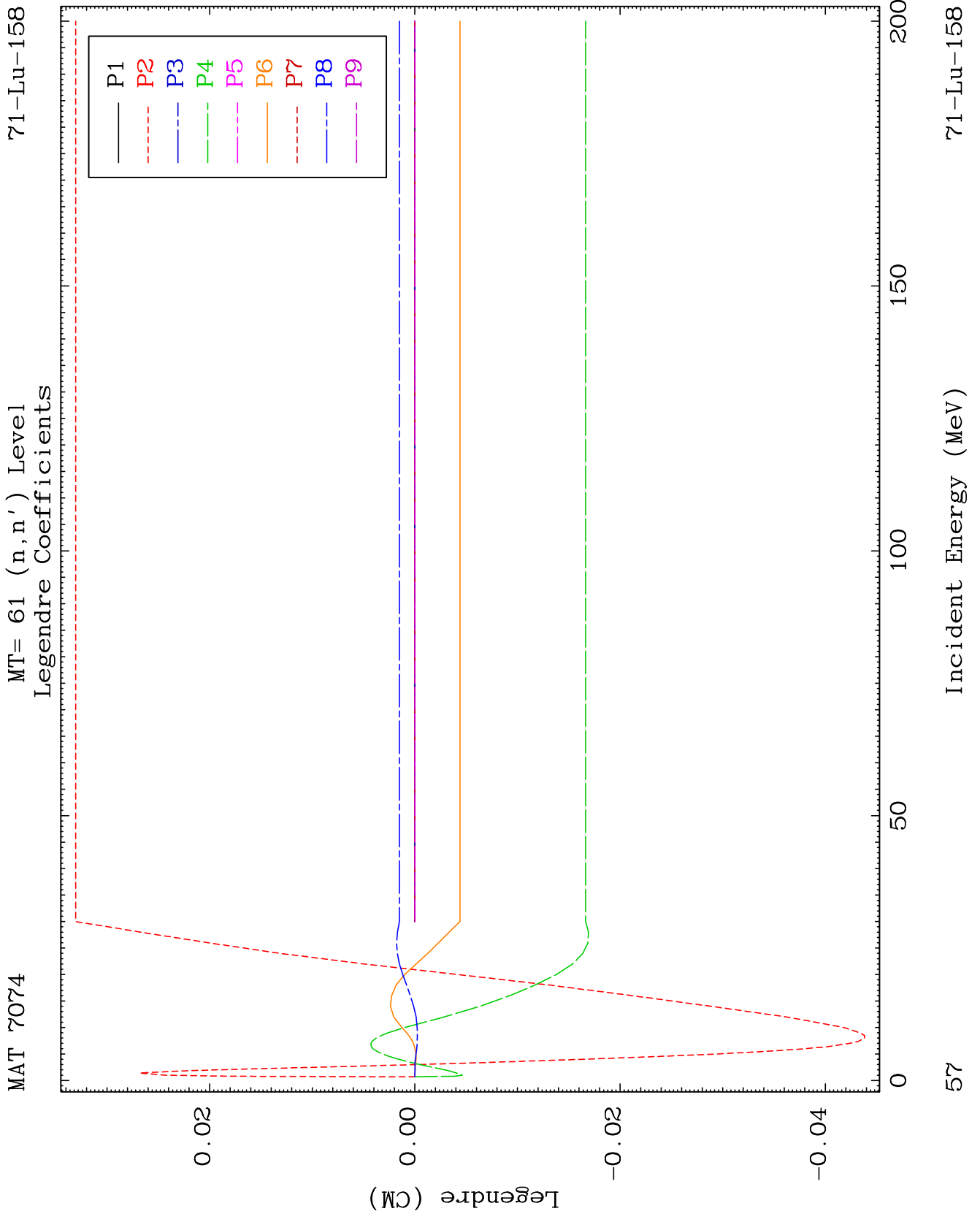


55

Incident Energy (MeV)

71-Lu-158

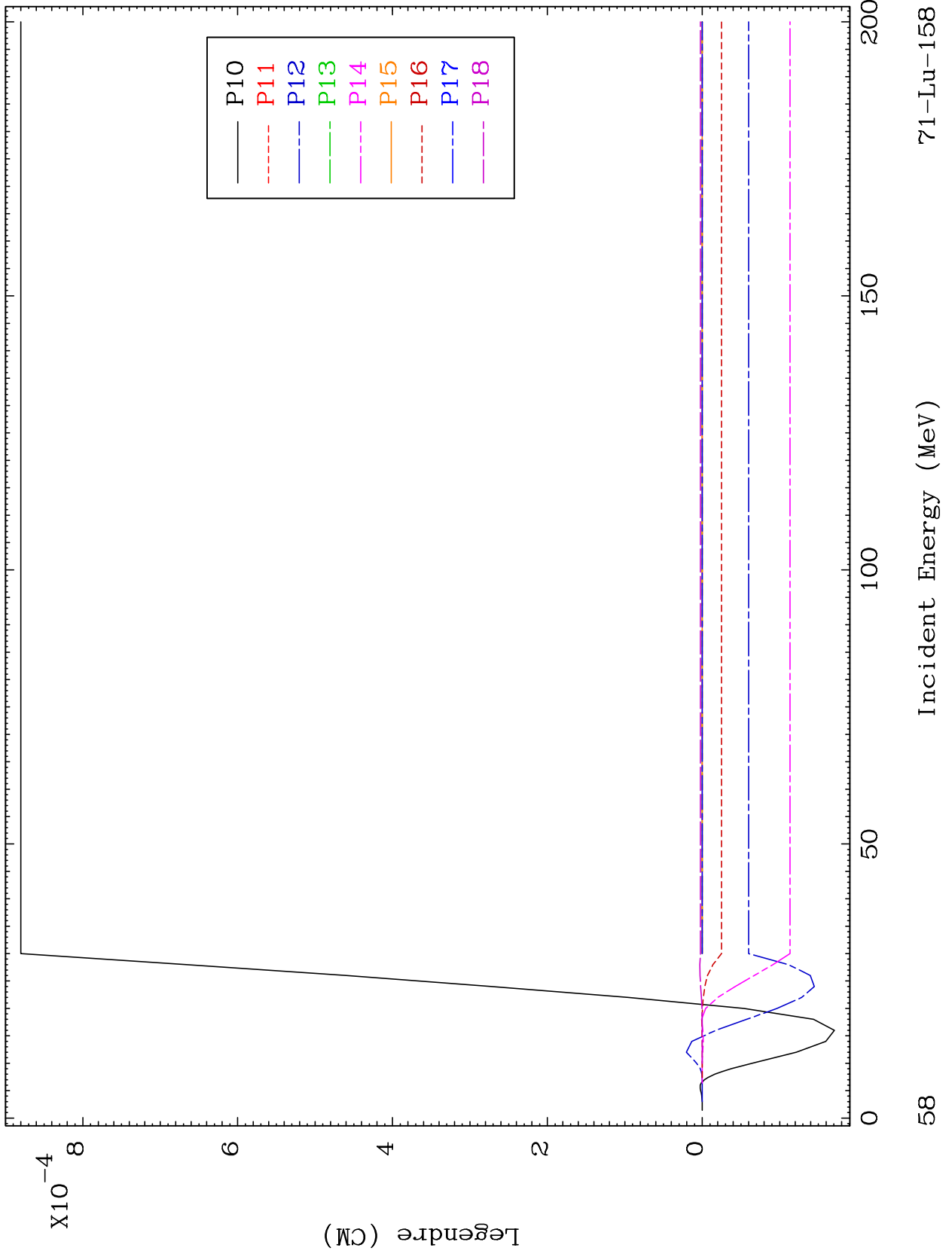




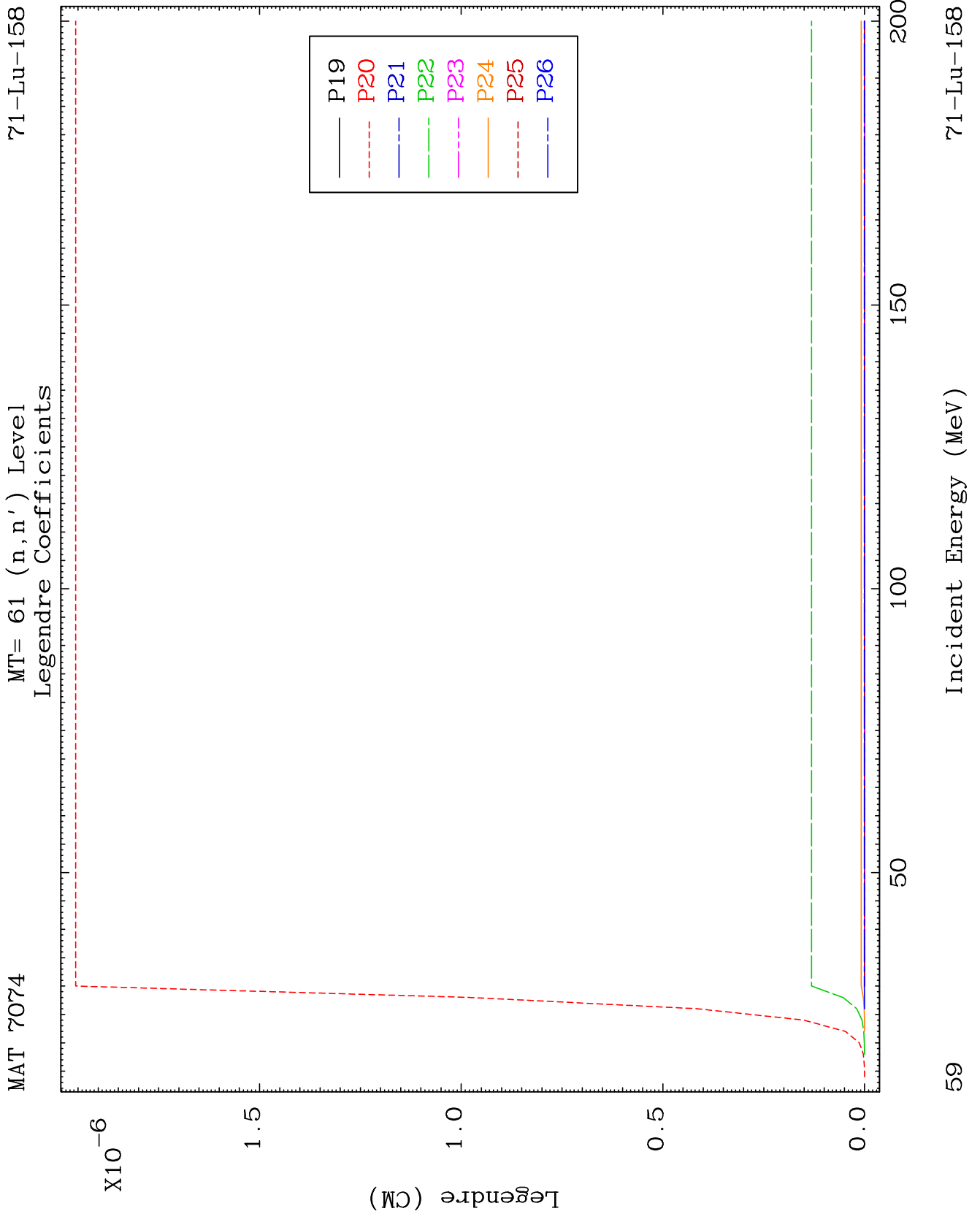
MAT 7074

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

71-Lu-158



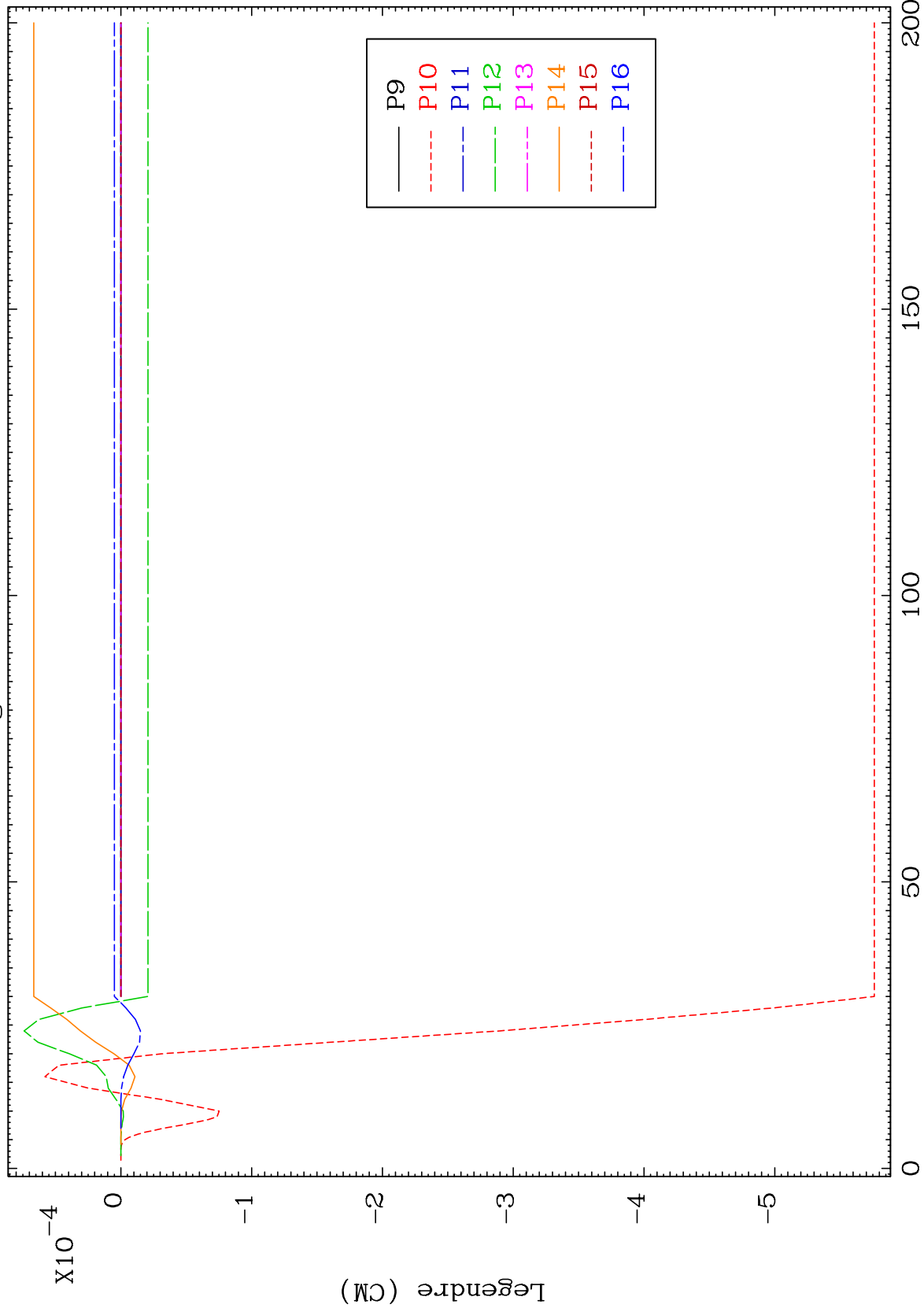
71-Lu-158



MAT 7074

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

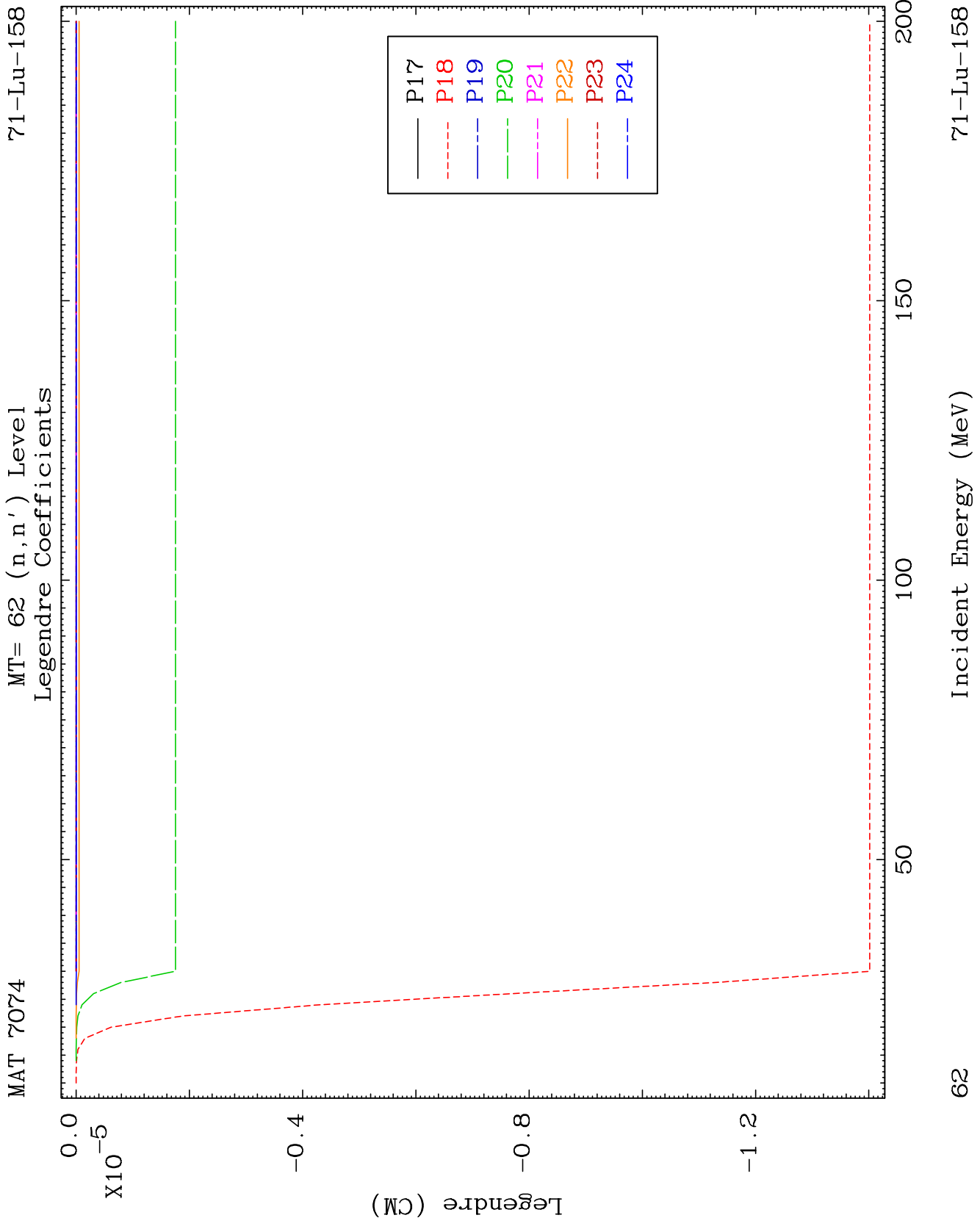
71-Lu-158



61

Incident Energy (MeV)

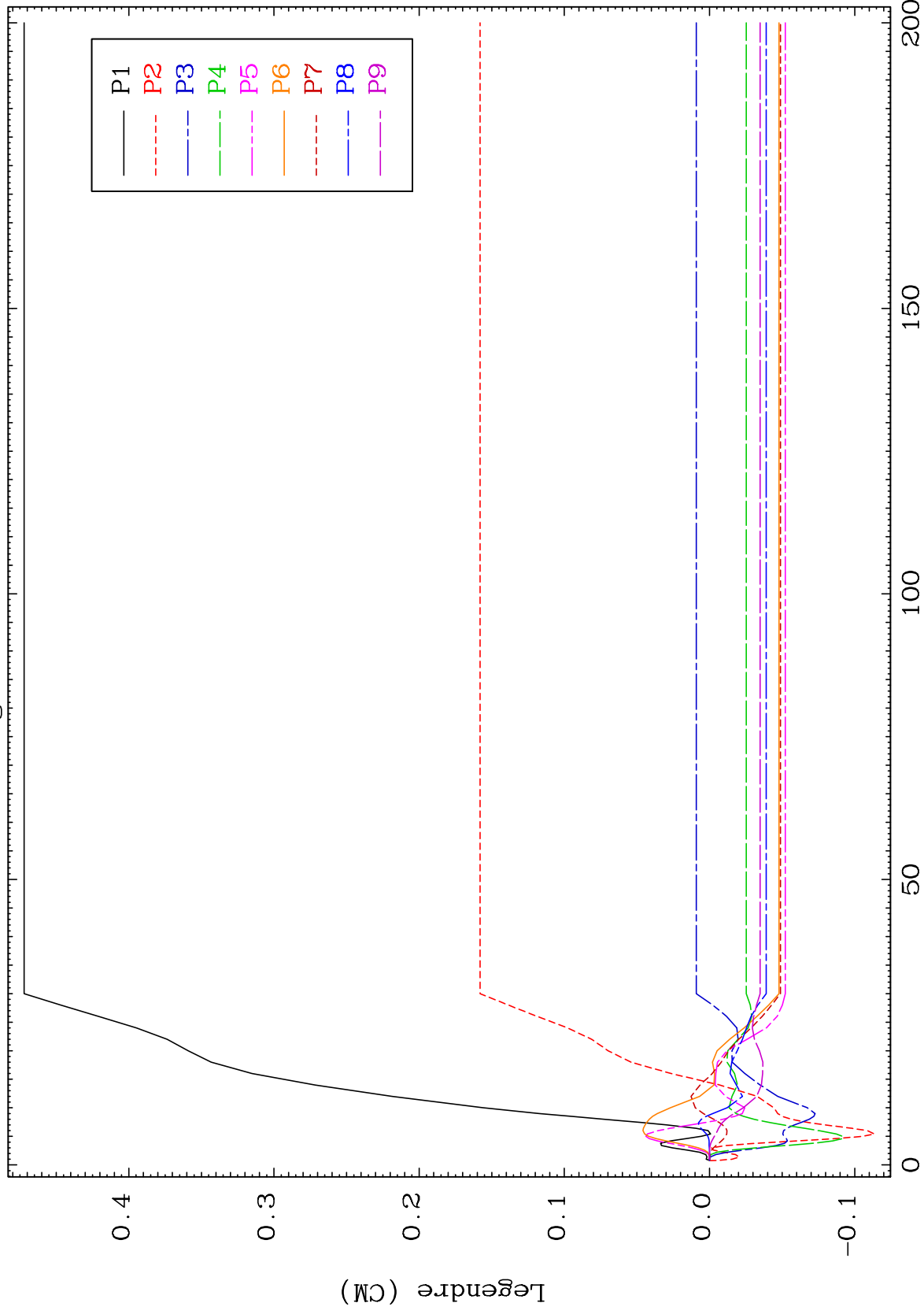
71-Lu-158



MAT 7074

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

71-Lu-158



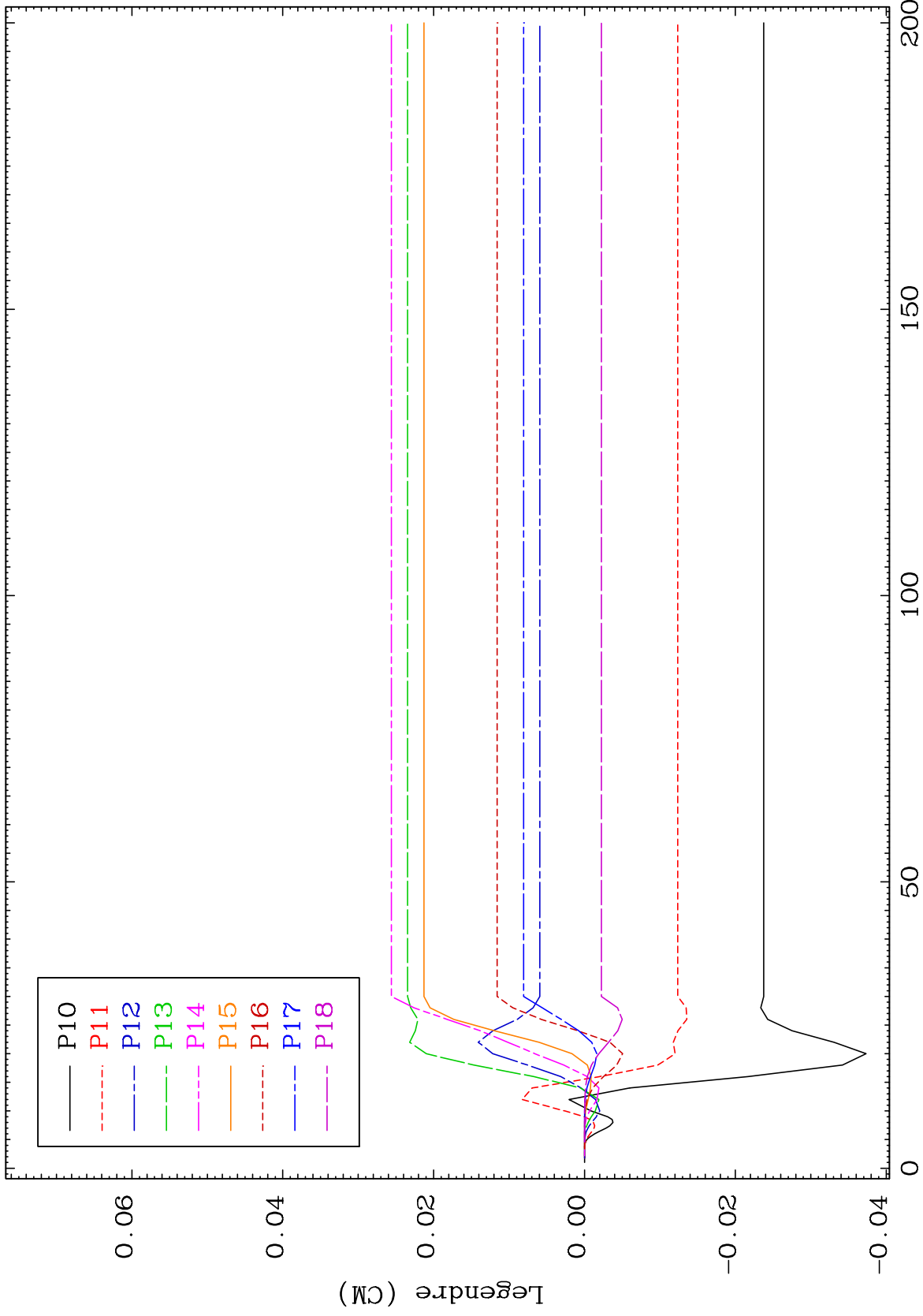
63

71-Lu-158

MAT 7074

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

71-Lu-158



64

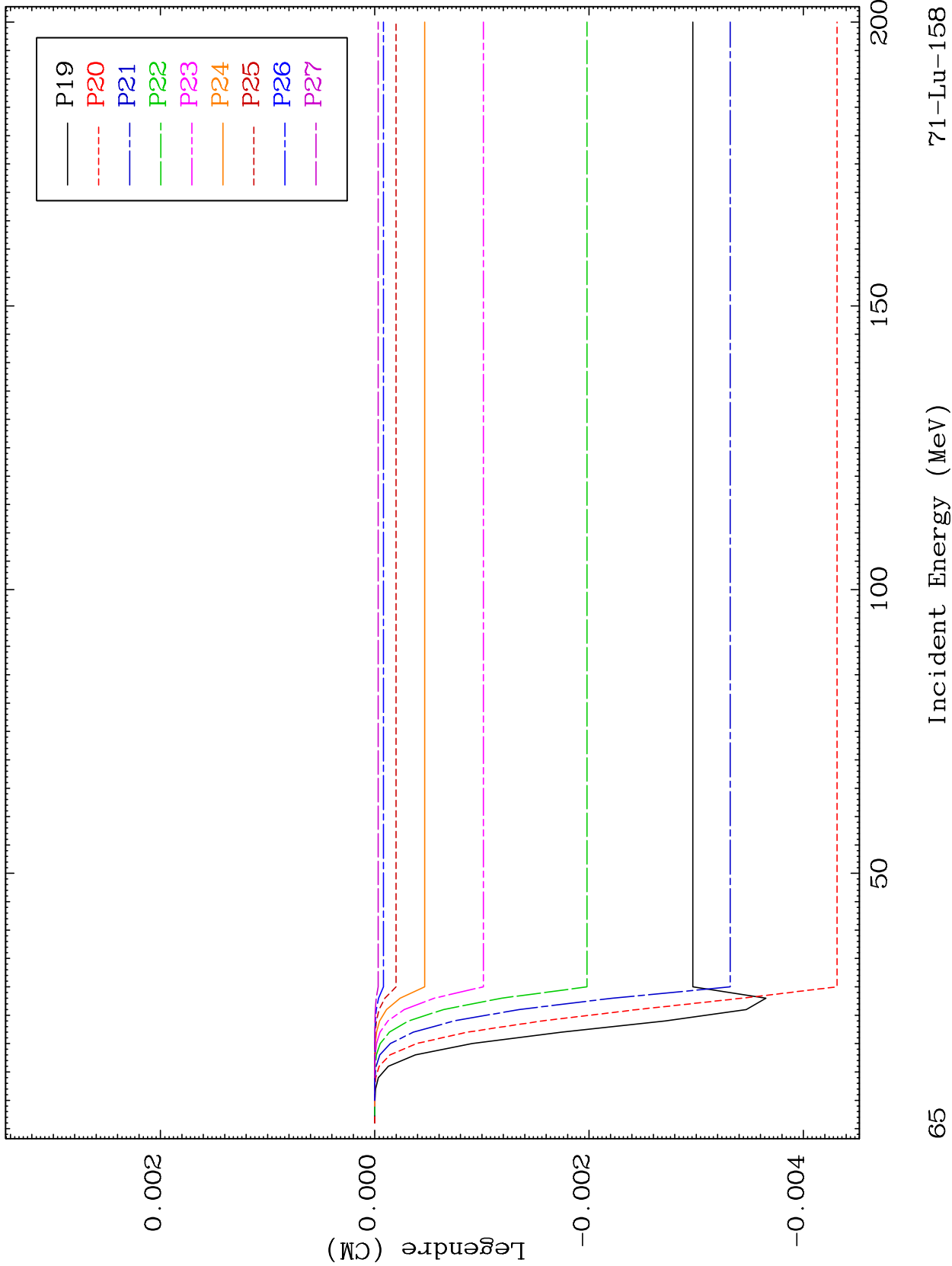
Incident Energy (MeV)

71-Lu-158

MAT 7074

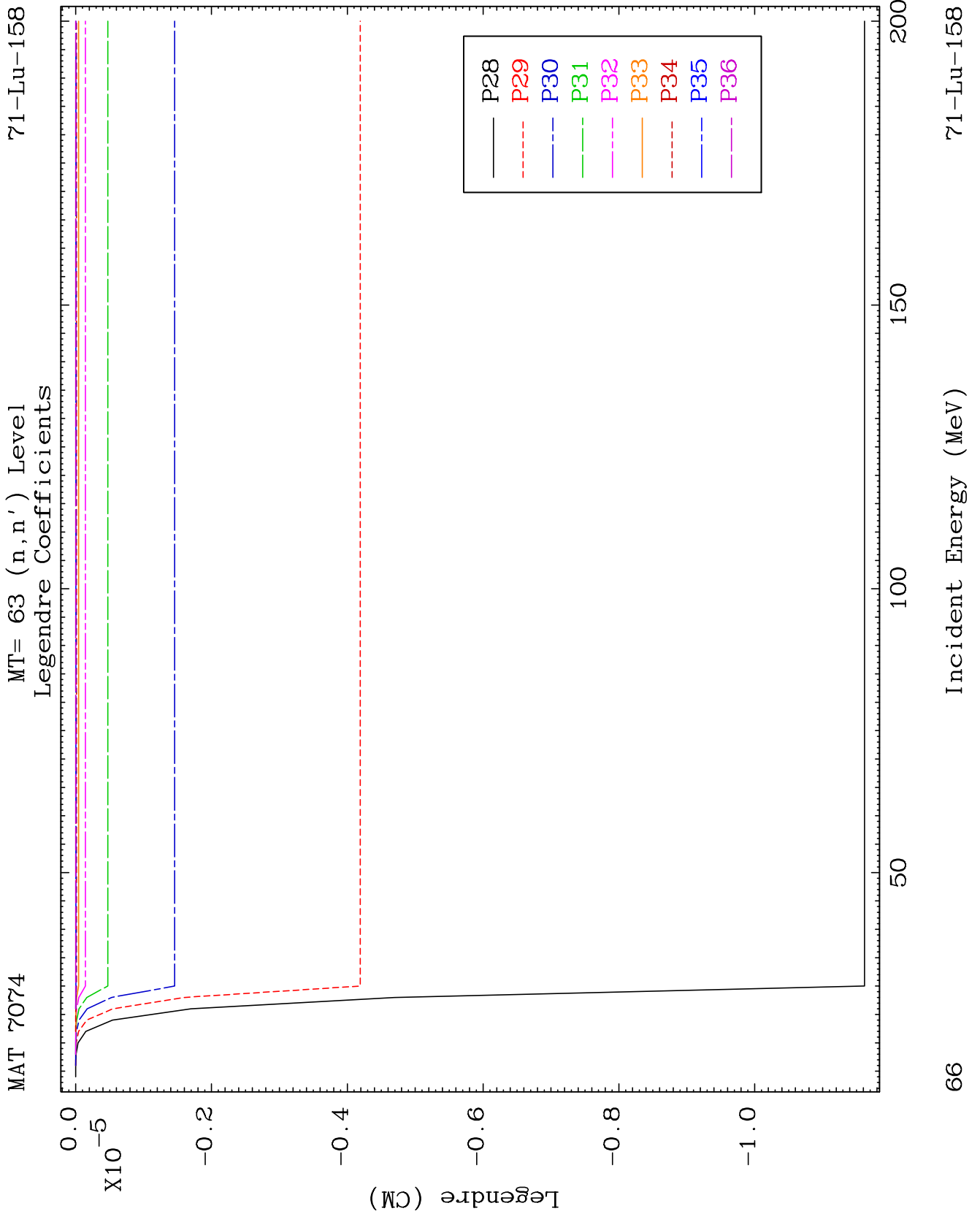
MT= 63 (n,n') Level
Legendre Coefficients

71-Lu-158



65

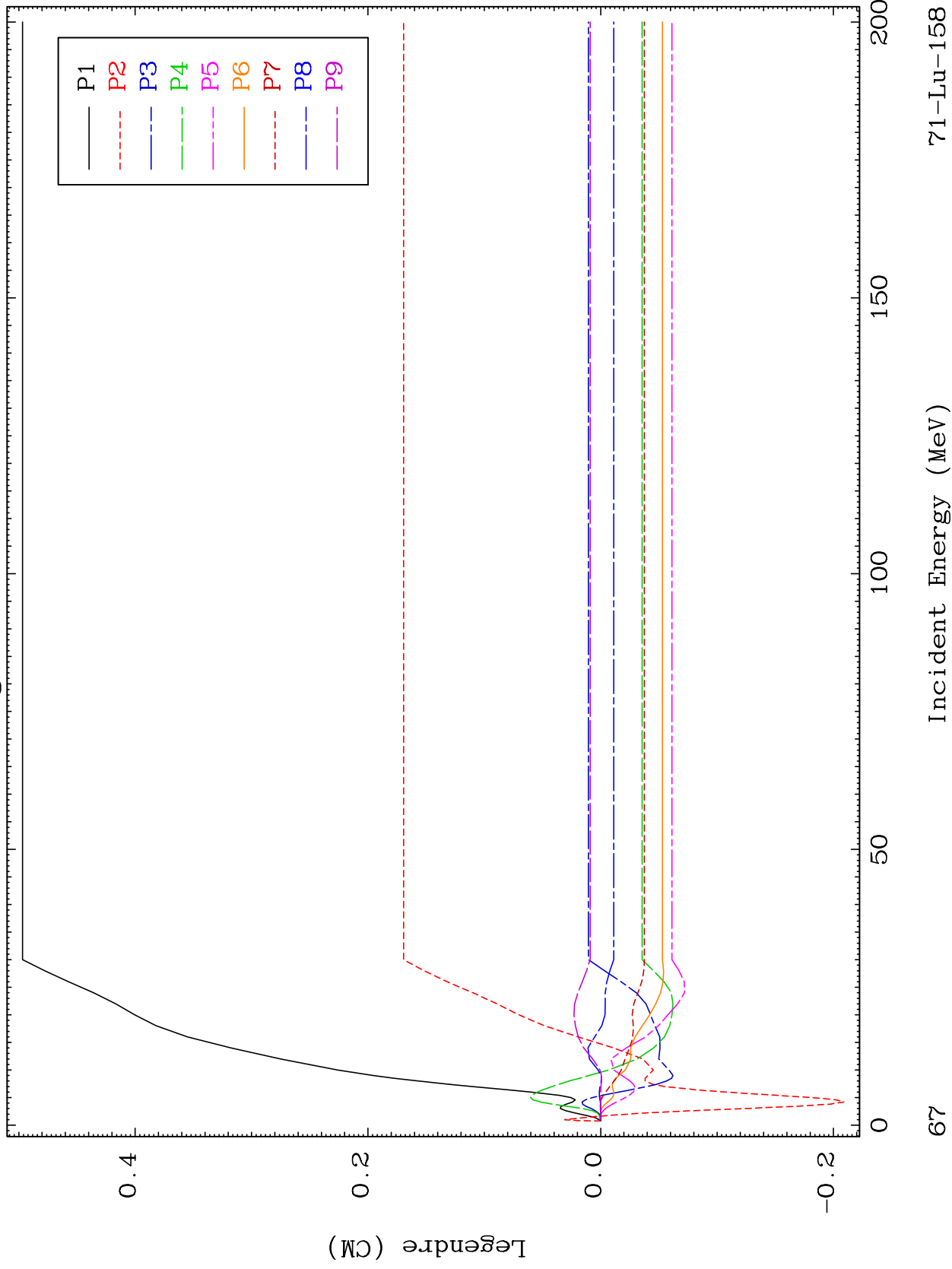
71-Lu-158



MAT 7074

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

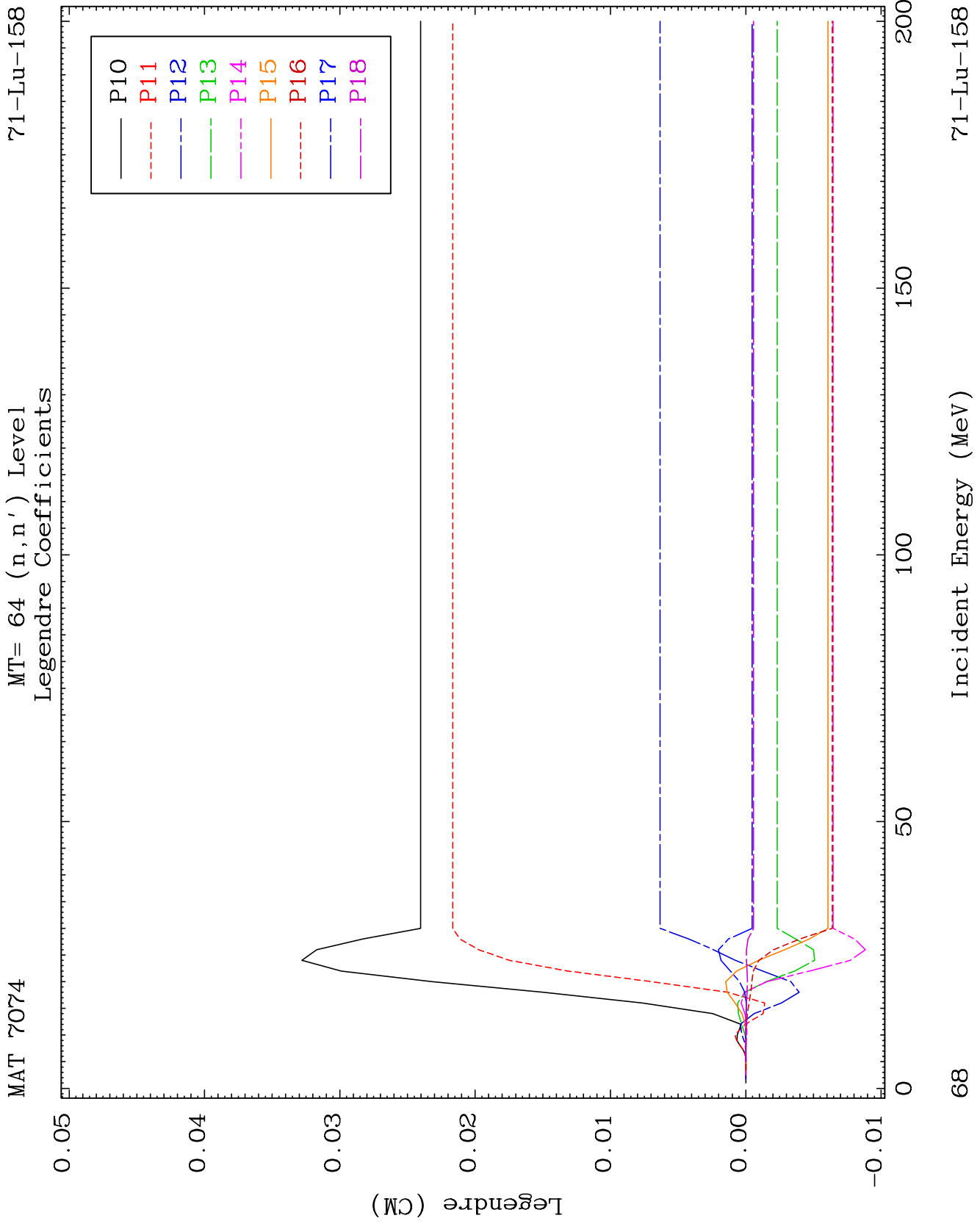
71-Lu-158



71-Lu-158

Incident Energy (MeV)

67



71-Lu-158

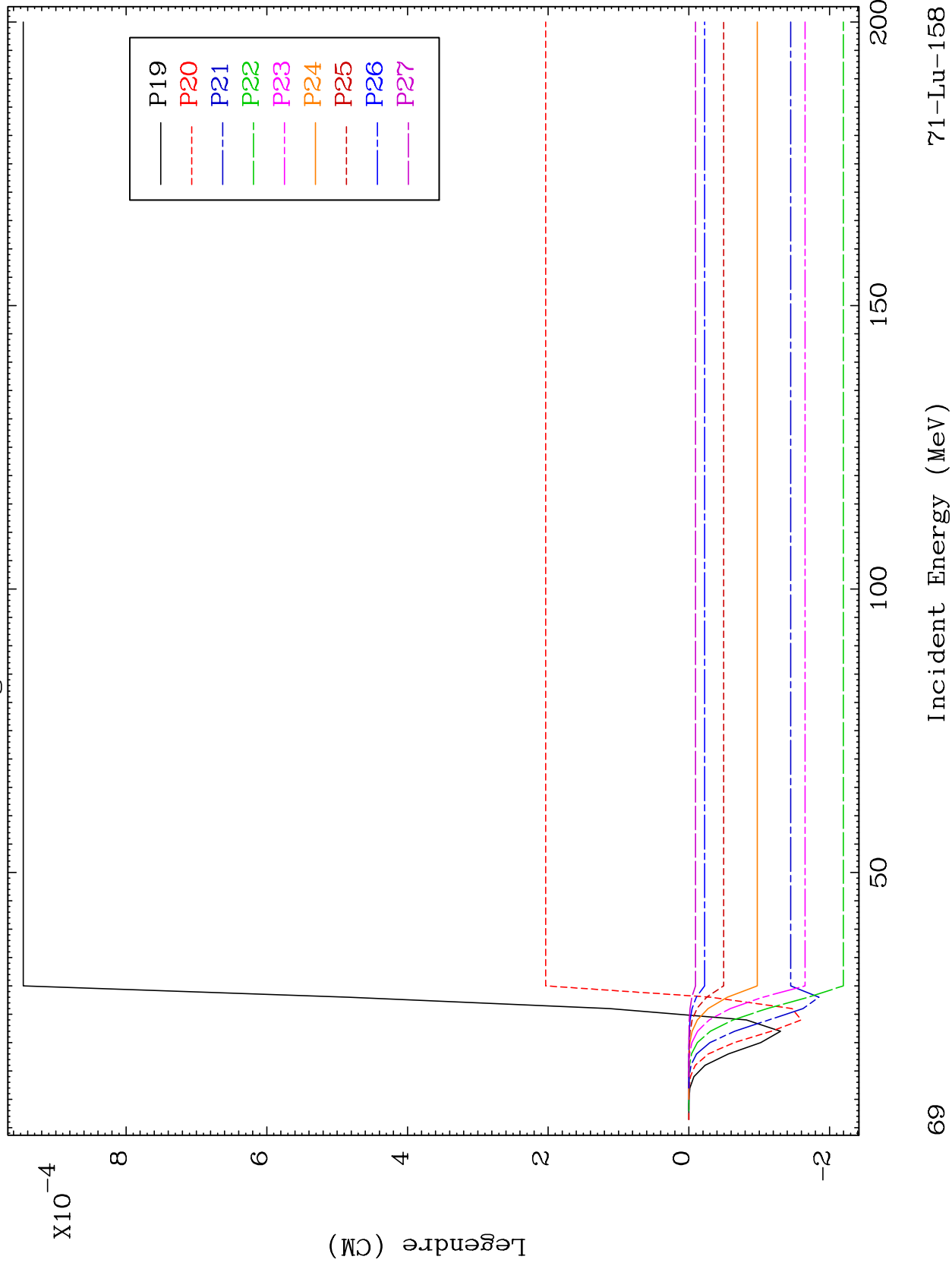
Incident Energy (MeV)

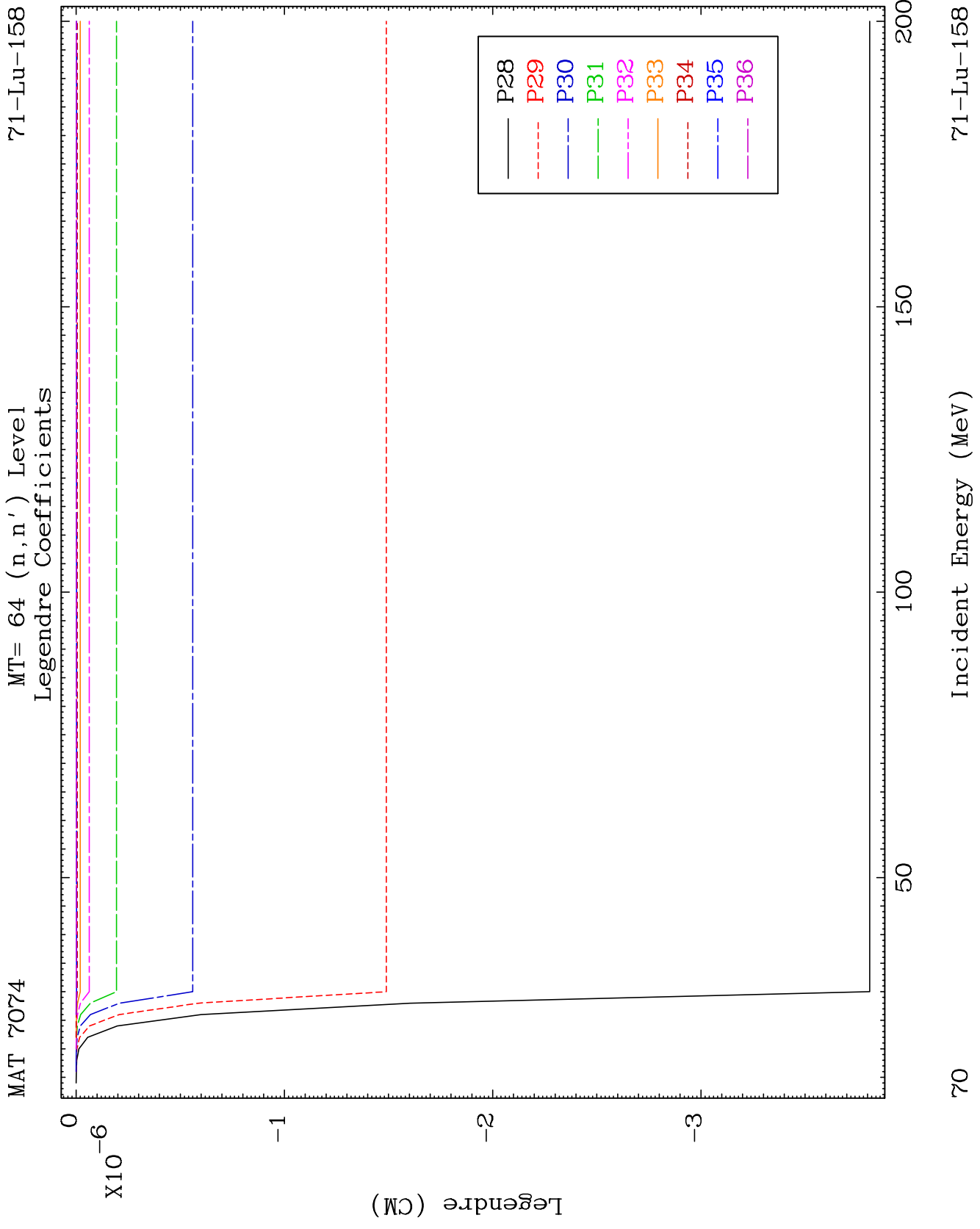
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MAT 7074

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

71-Lu-158

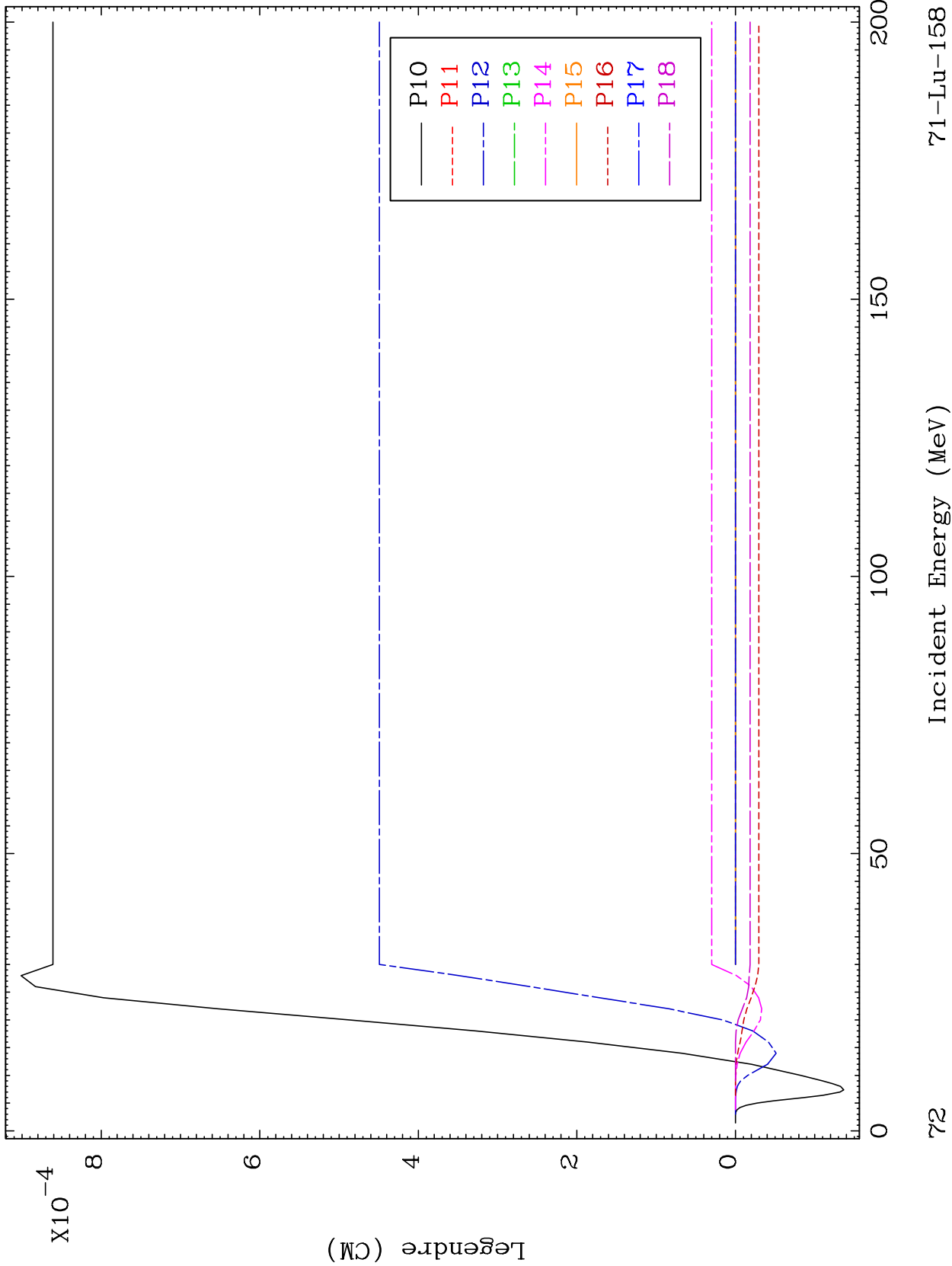




MAT 7074

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

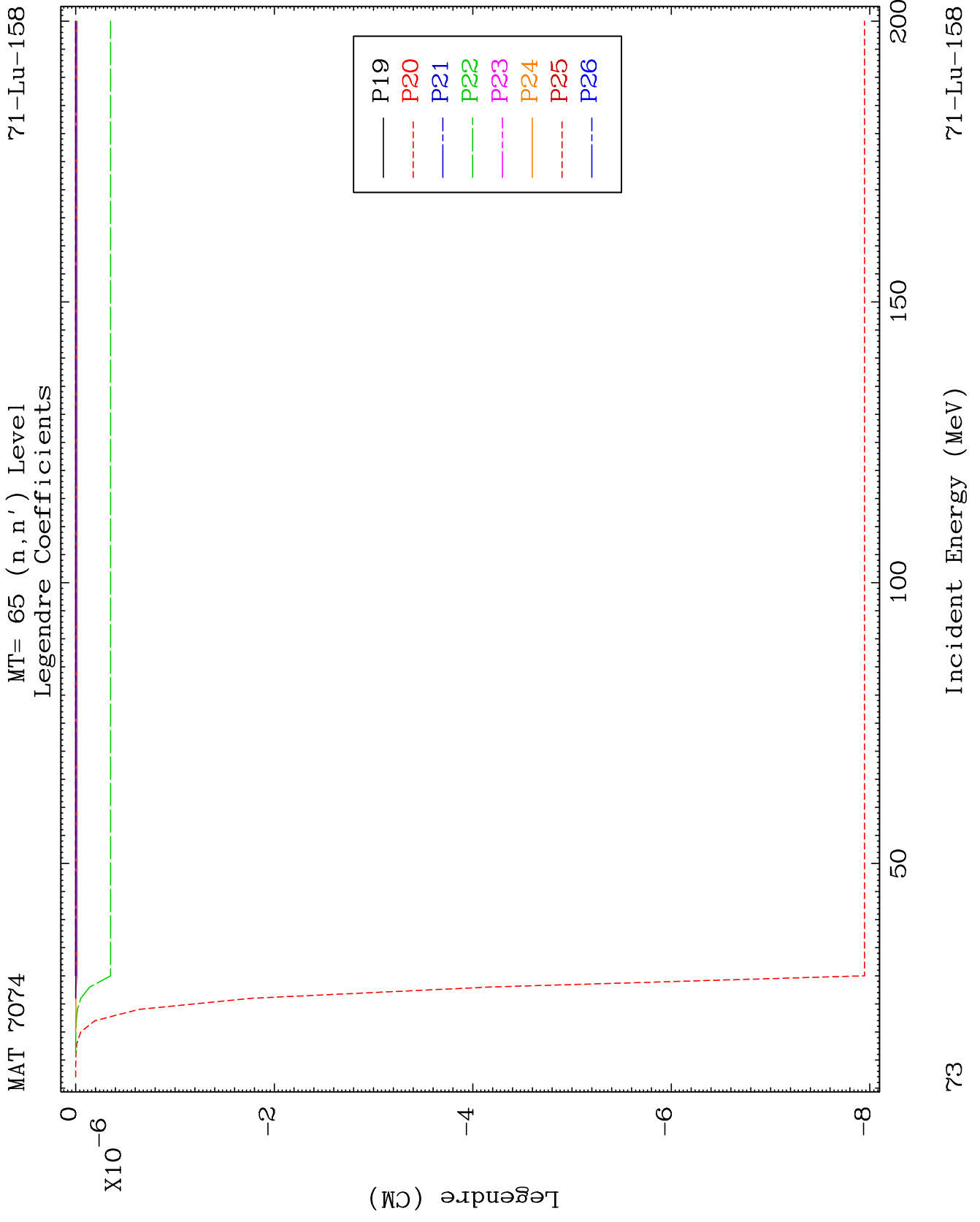
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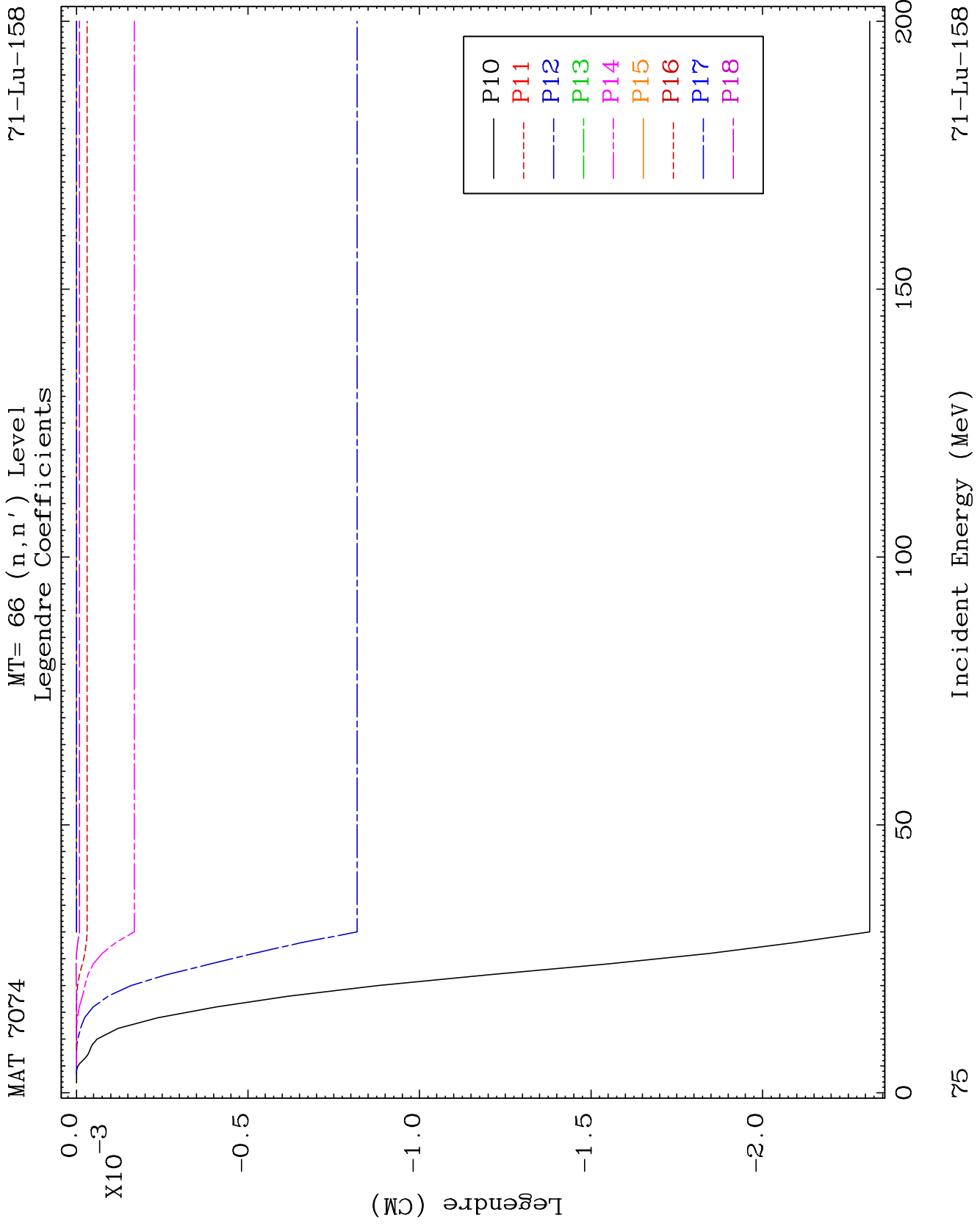


72

Incident Energy (MeV)

71-Lu-158

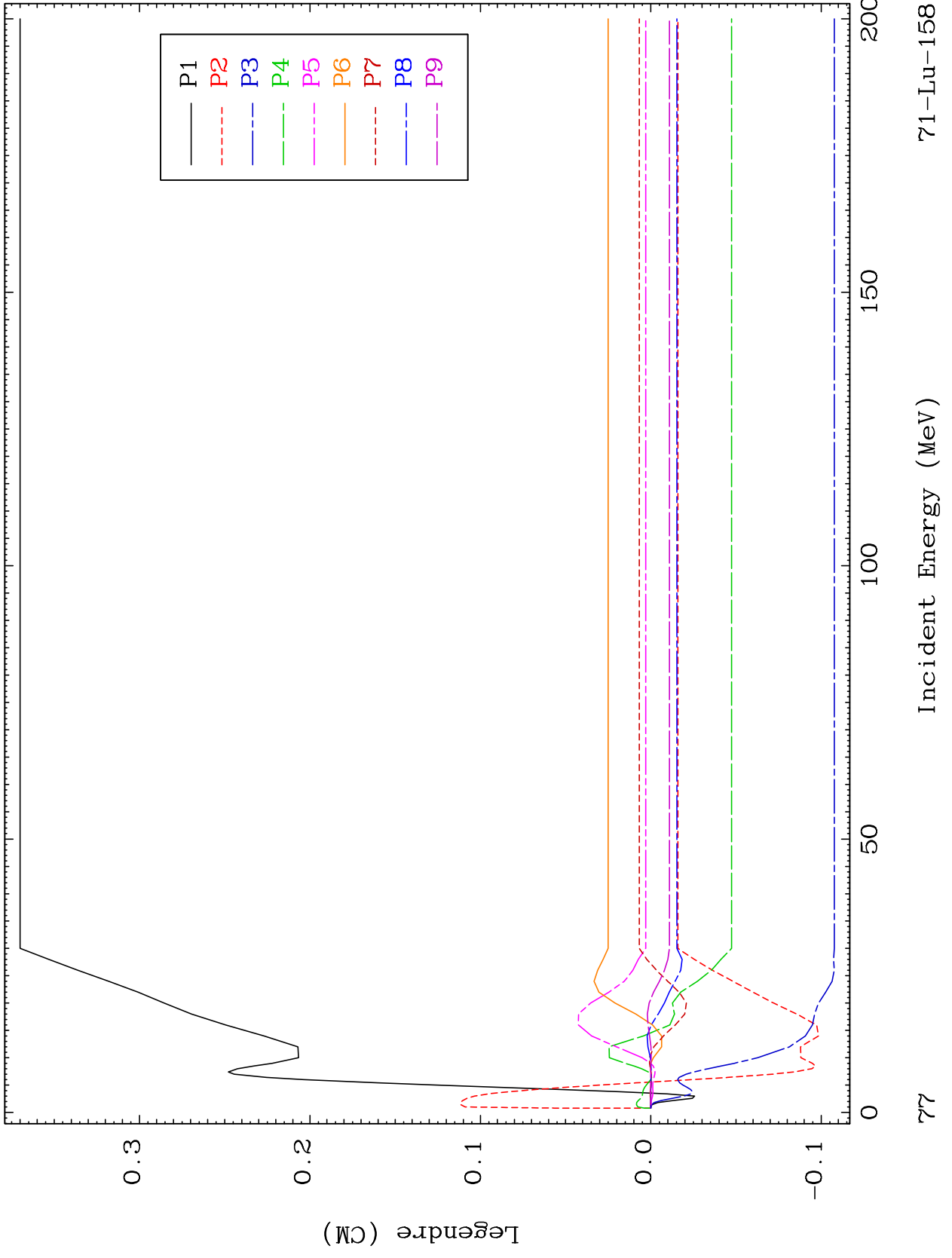




MAT 7074

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

71-Lu-158



71-Lu-158

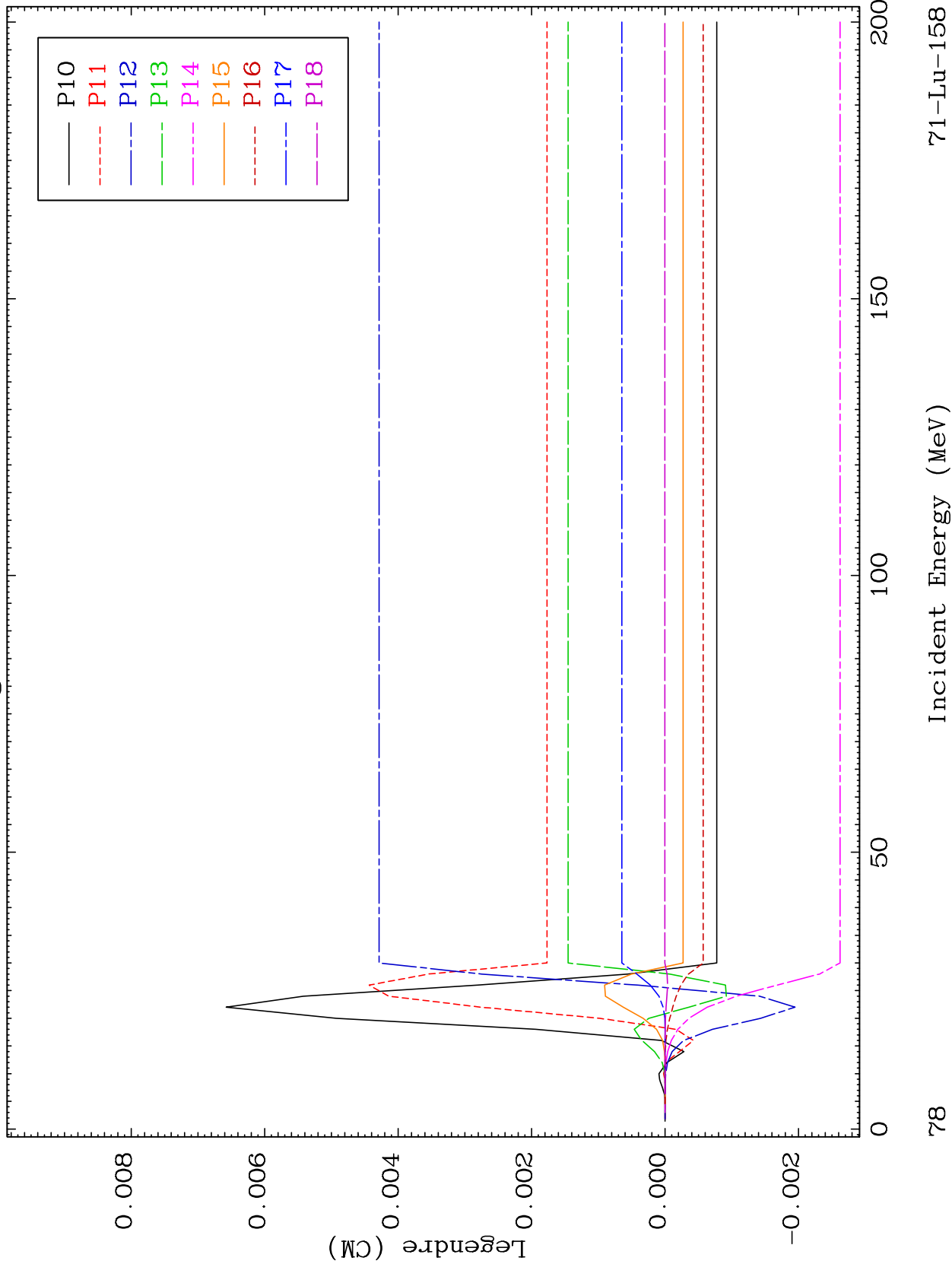
Incident Energy (MeV)

77

MAT 7074

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

71-Lu-158



78

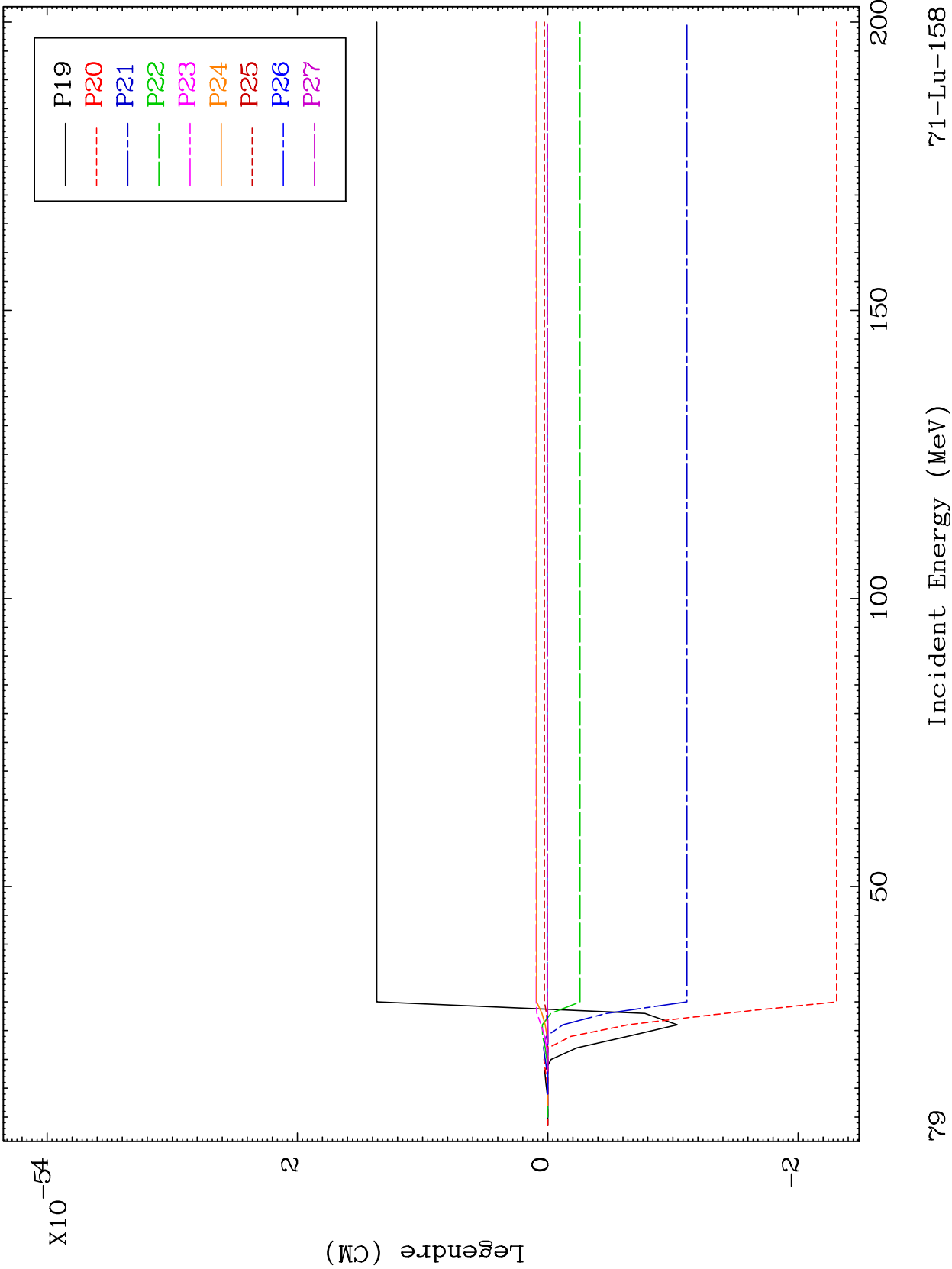
Incident Energy (MeV)

71-Lu-158

MAT 7074

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

71-Lu-158



79

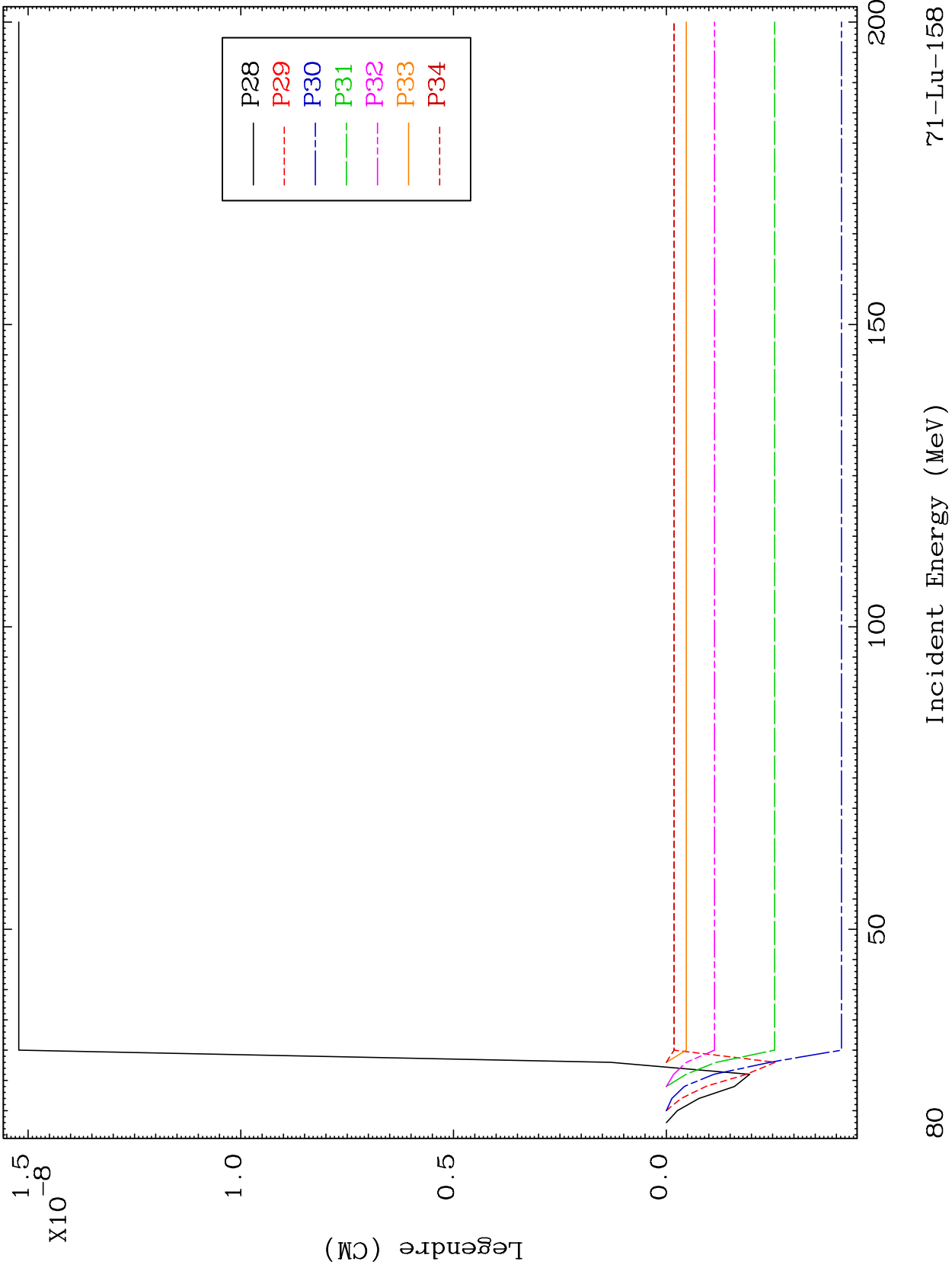
Incident Energy (MeV)

71-Lu-158

MAT 7074

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

71-Lu-158



80

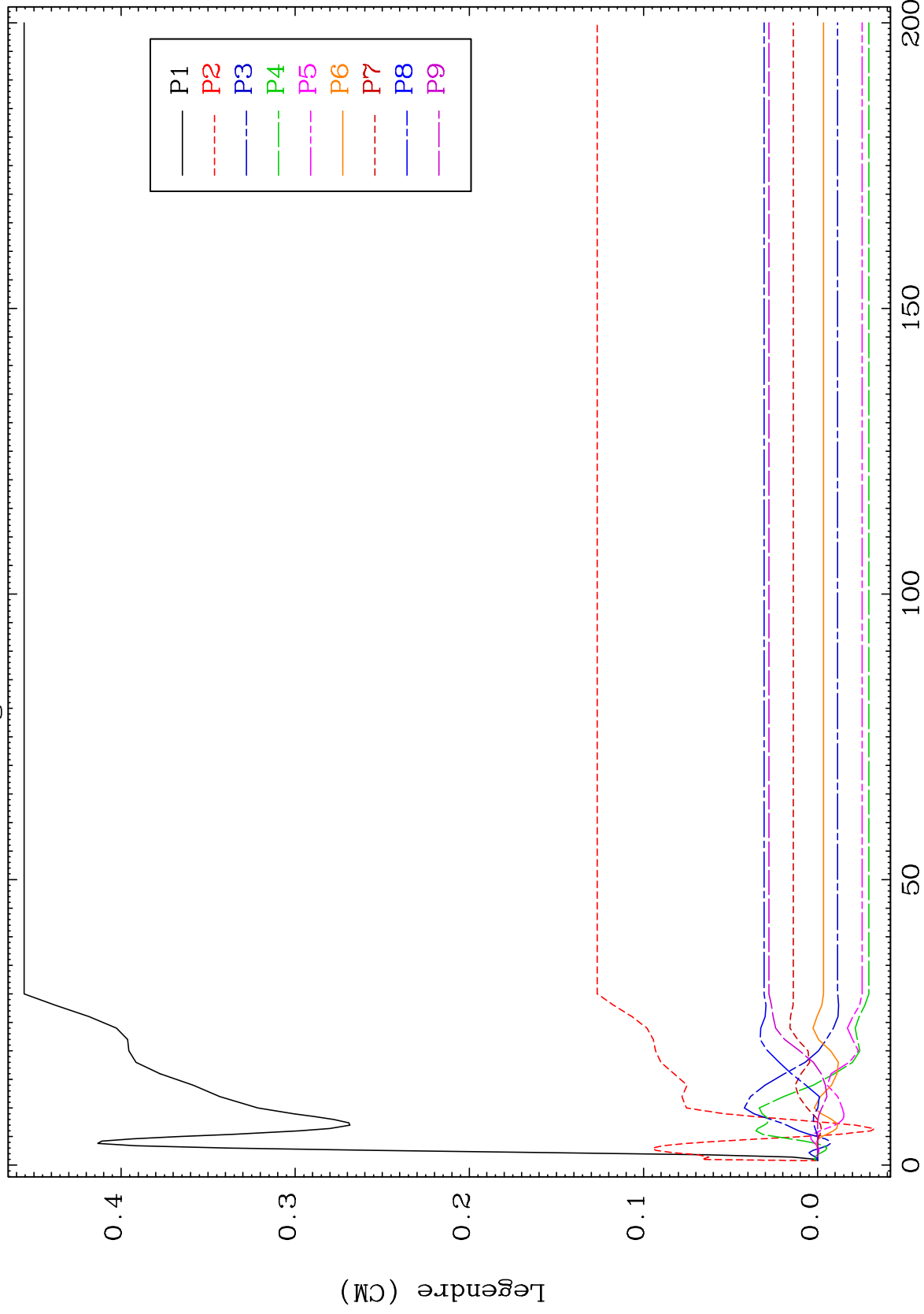
Incident Energy (MeV)

71-Lu-158

MAT 7074

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

71-Lu-158



81

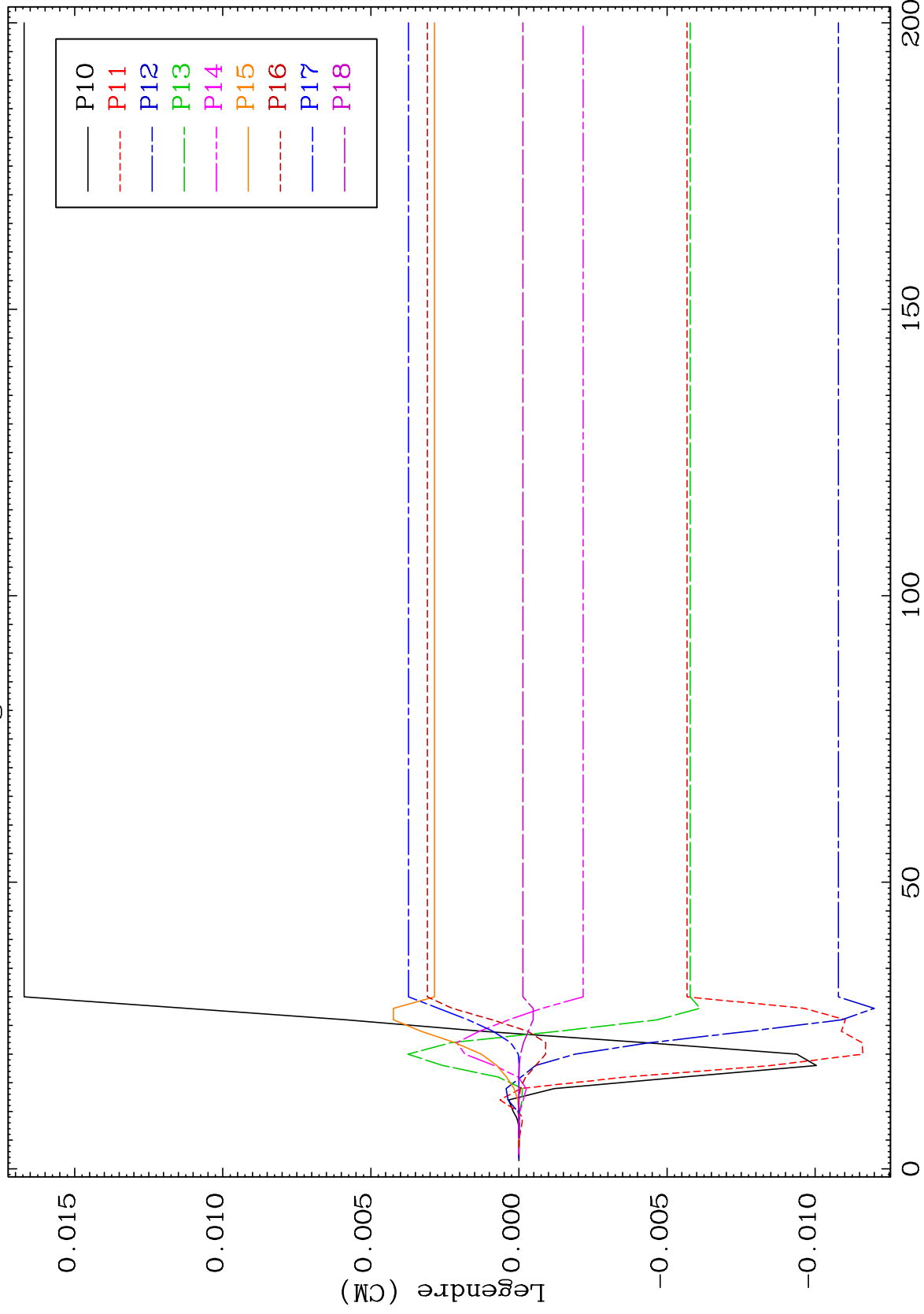
Incident Energy (MeV)

71-Lu-158

MAT 7074

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

71-Lu-158



82

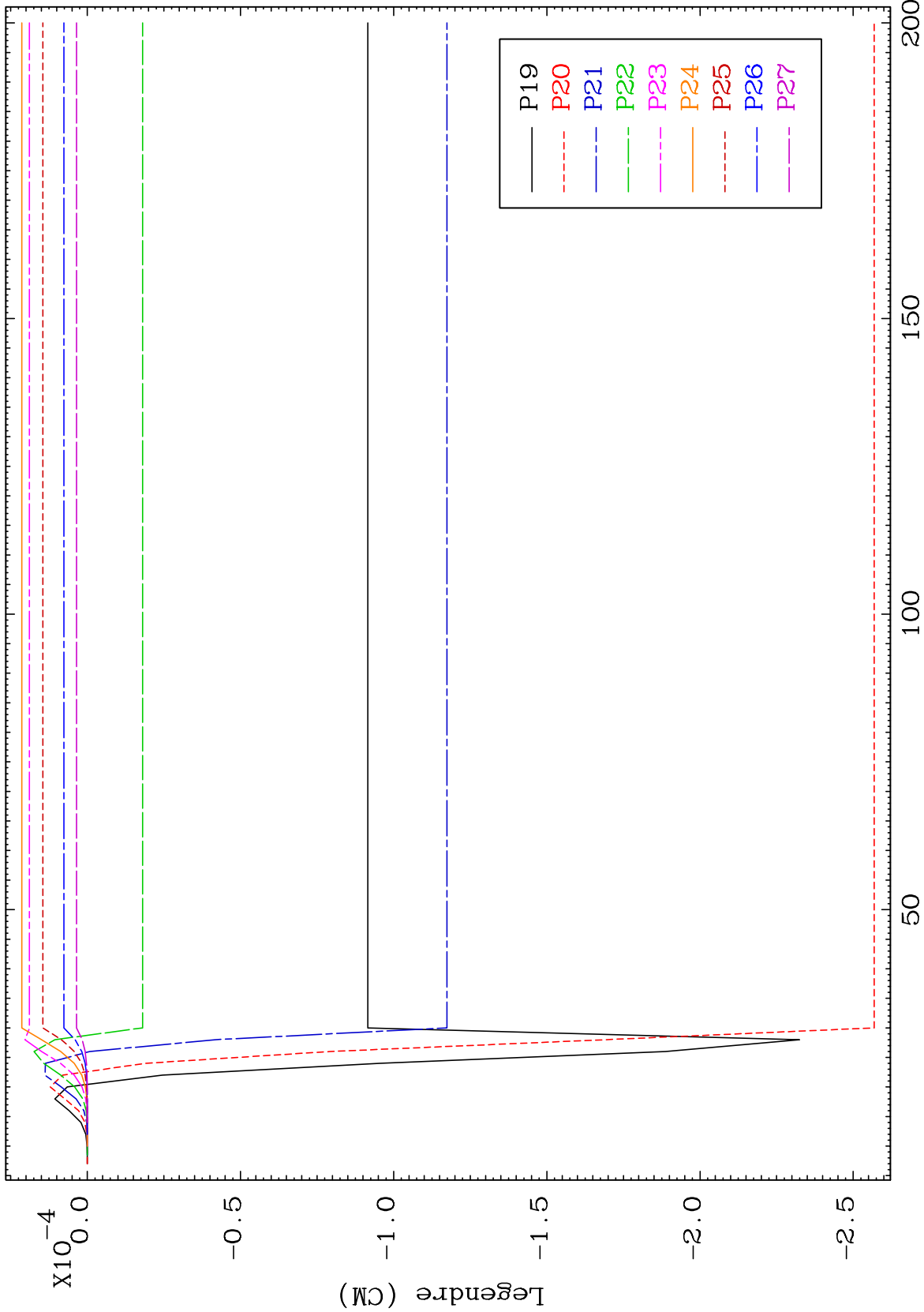
Incident Energy (MeV)

71-Lu-158

MAT 7074

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

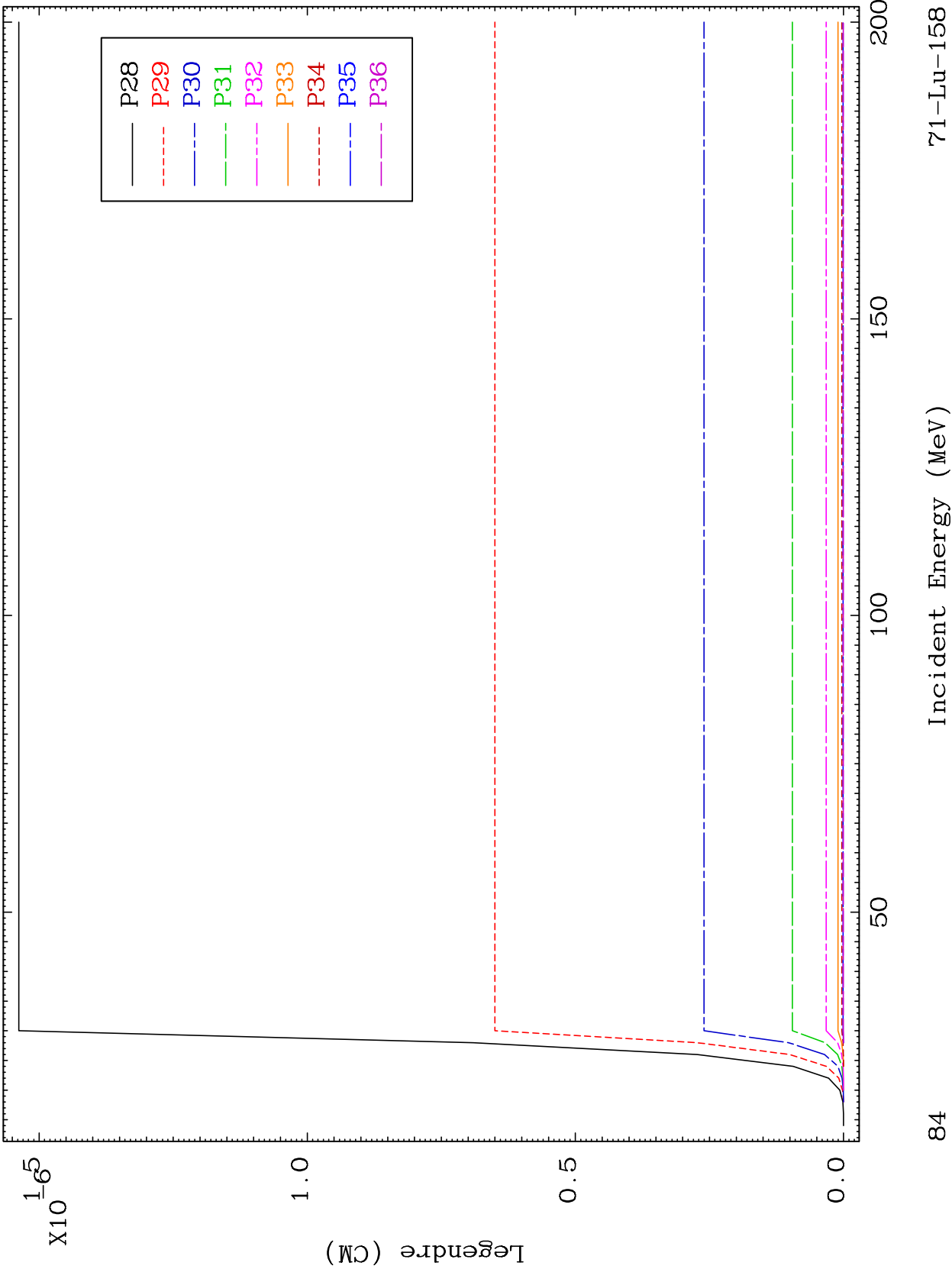
71-Lu-158

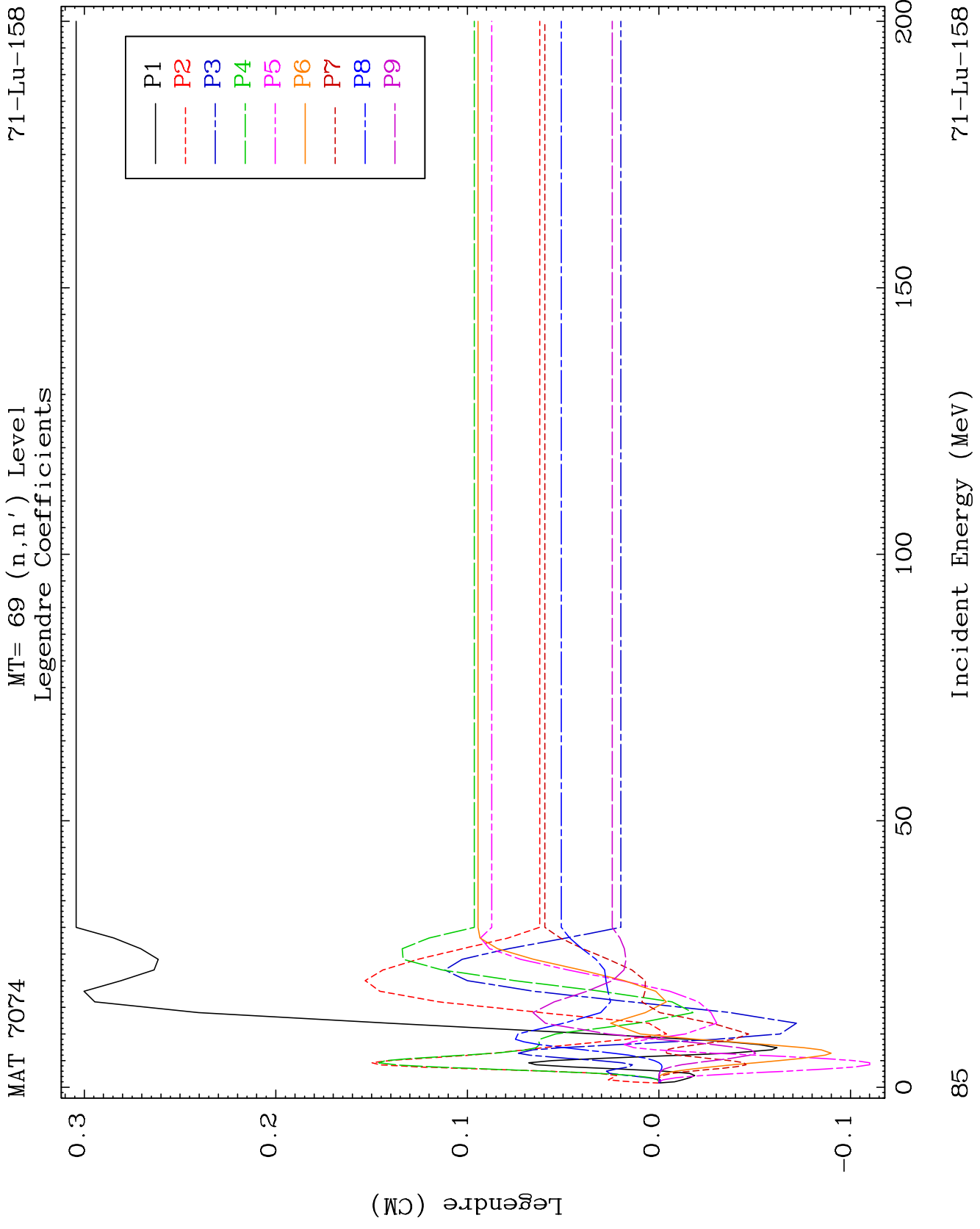


MAT 7074

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

71-Lu-158

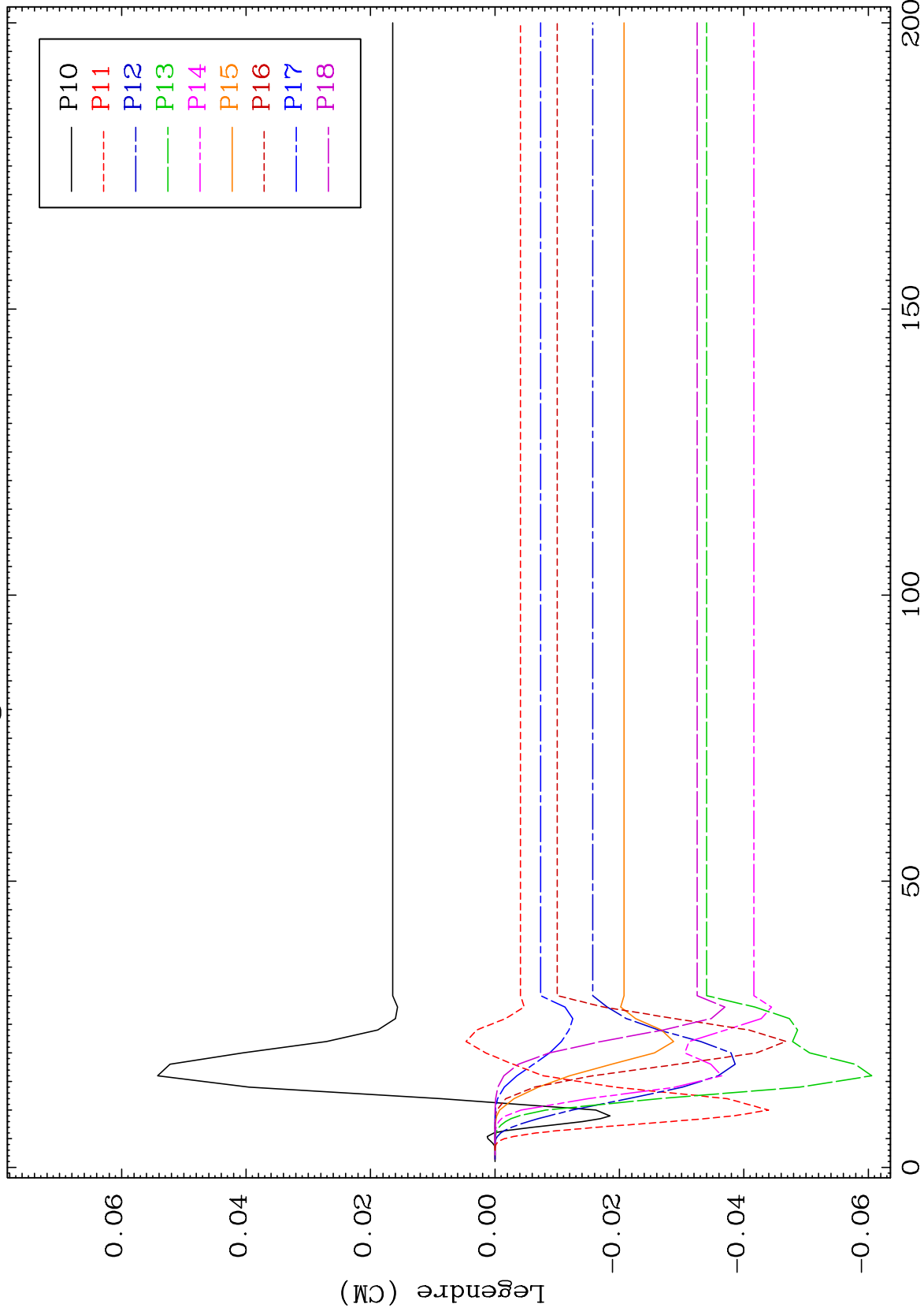




MAT 7074

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

71-Lu-158



86

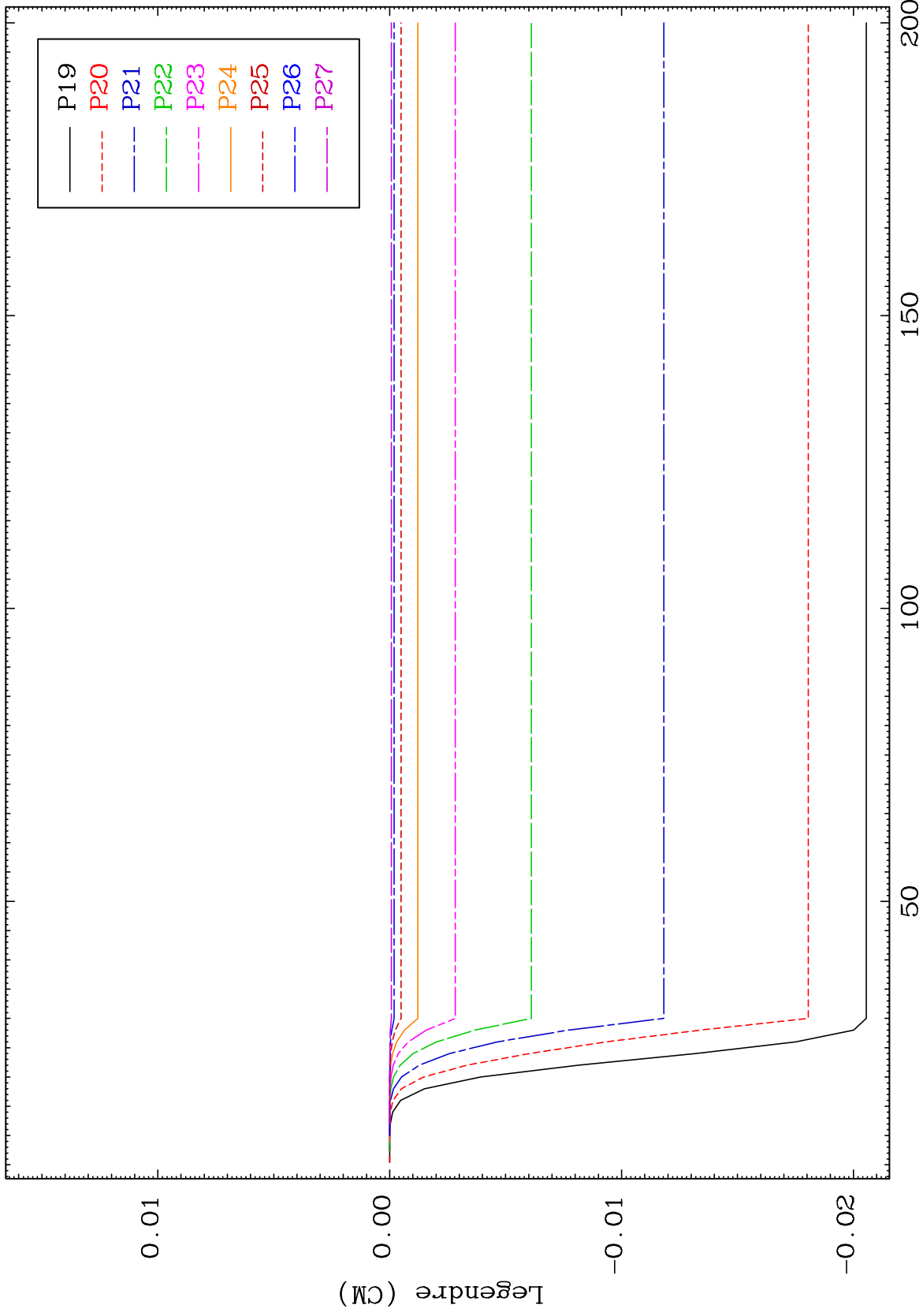
Incident Energy (MeV)

71-Lu-158

MAT 7074

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

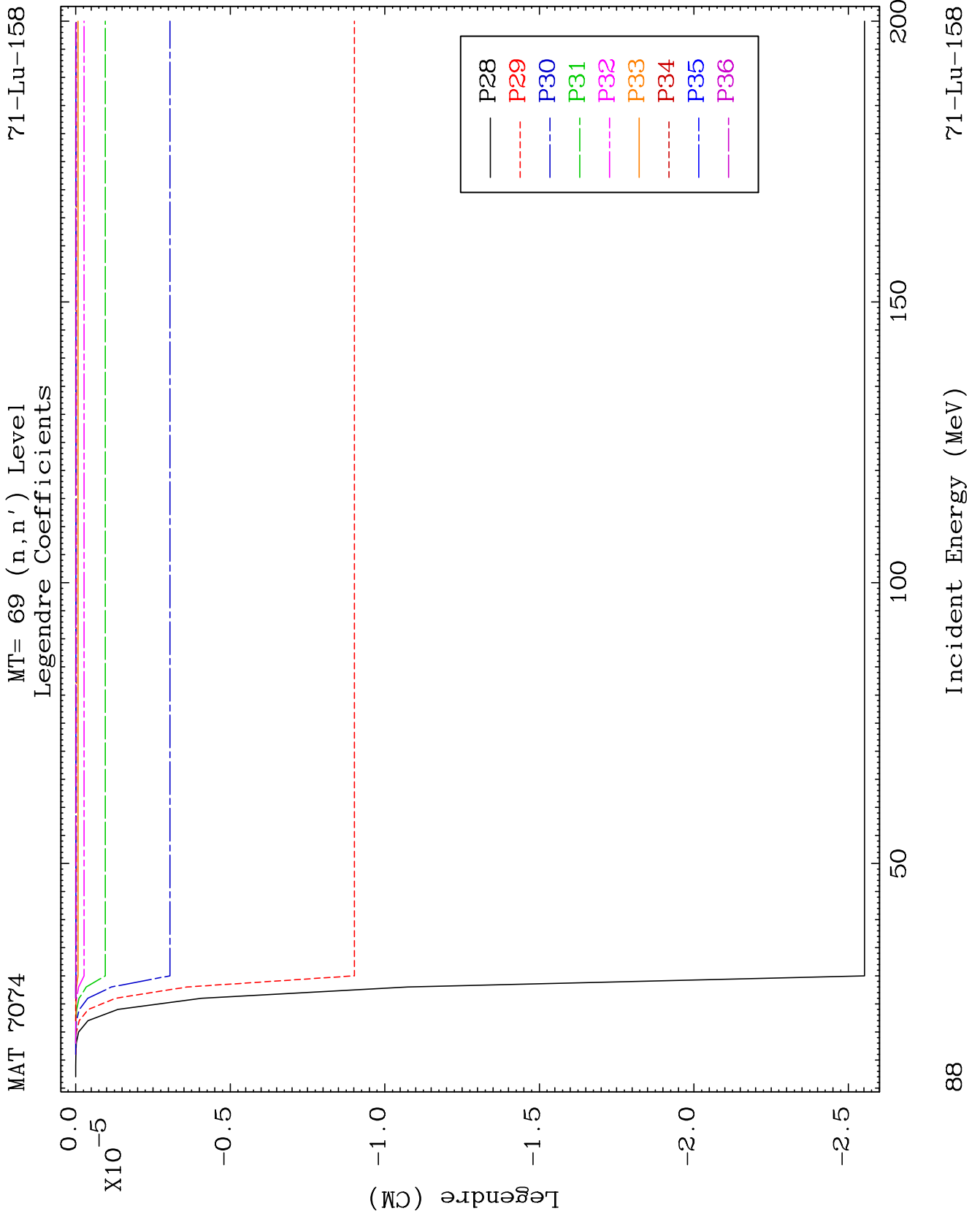
71-Lu-158

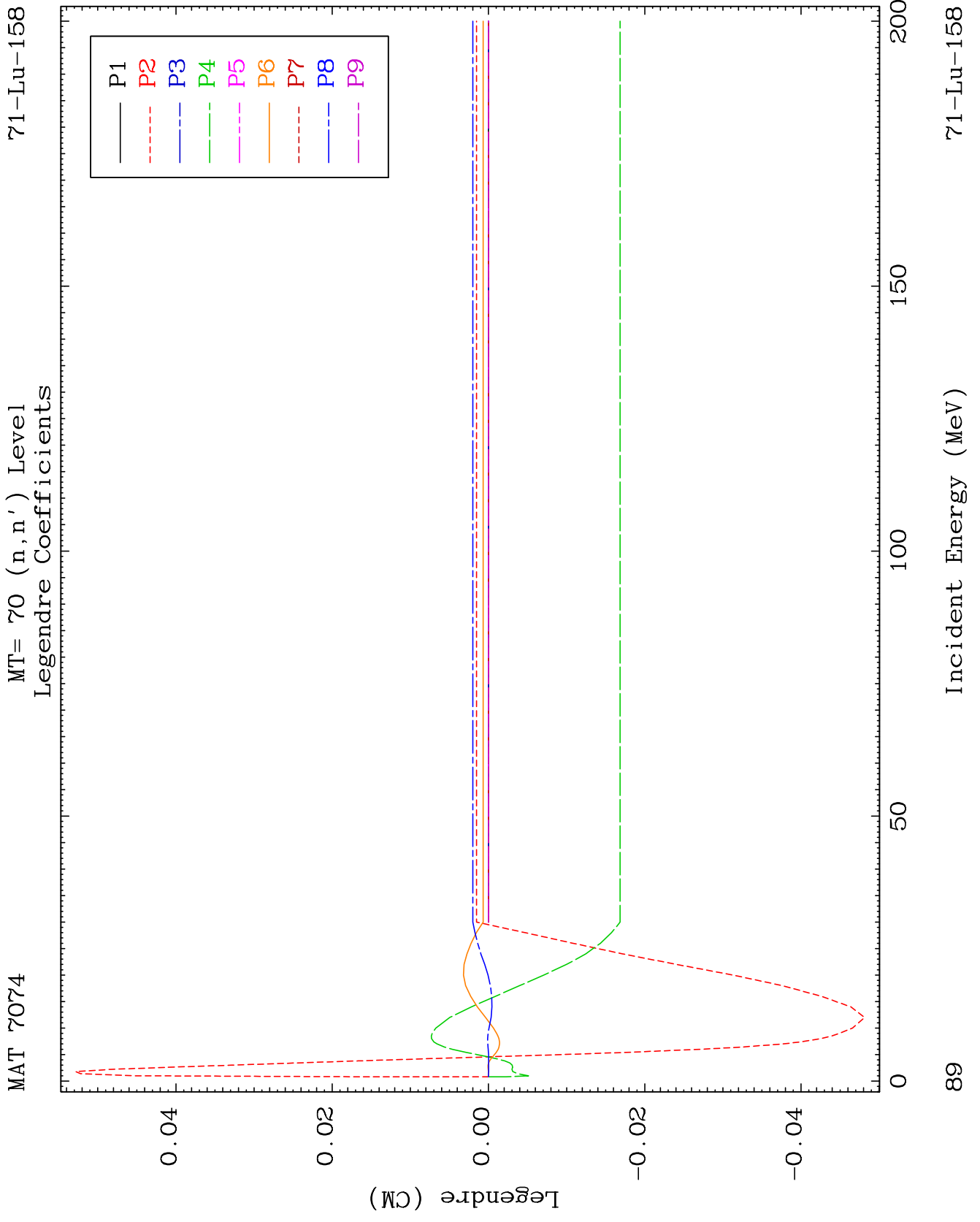


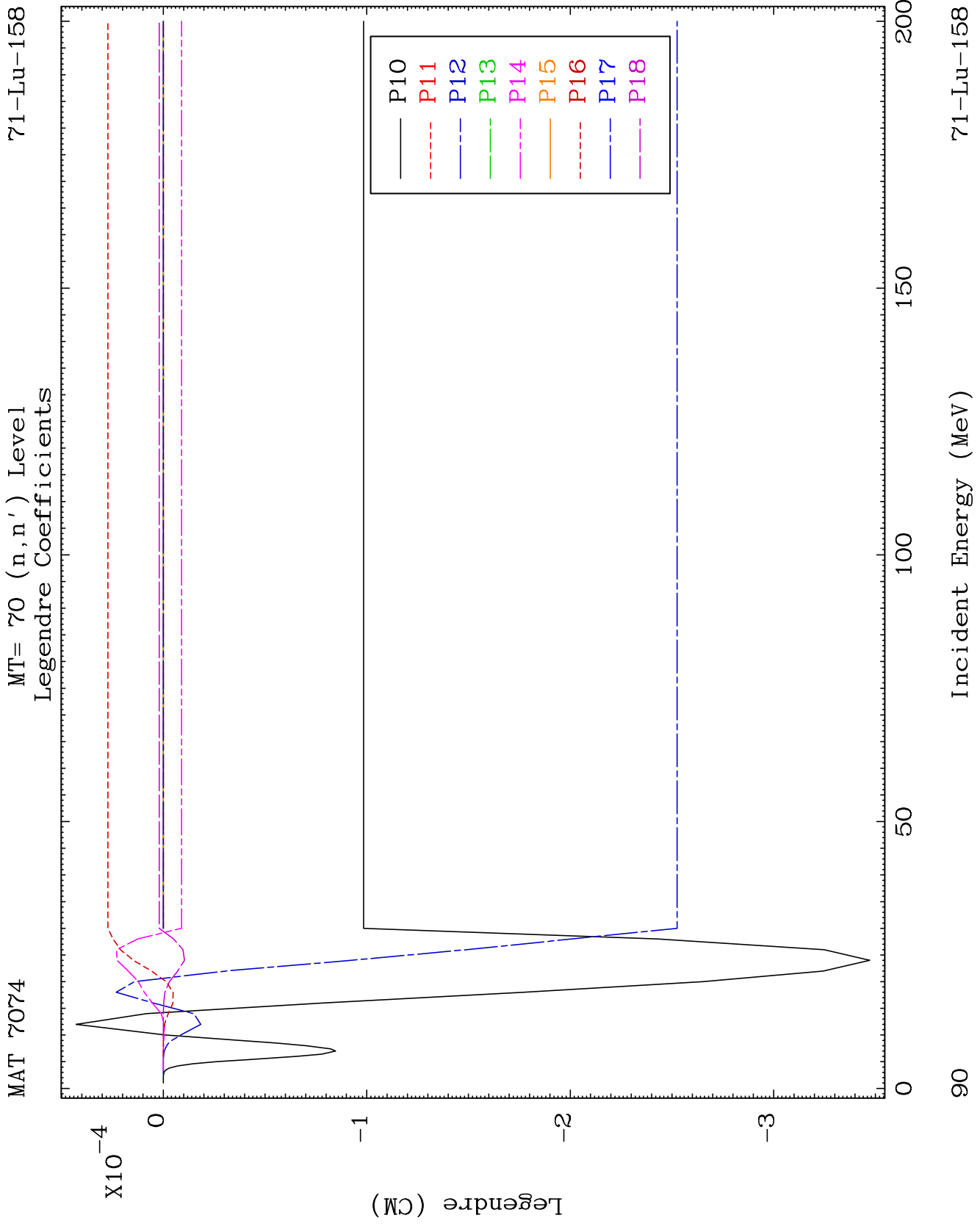
87

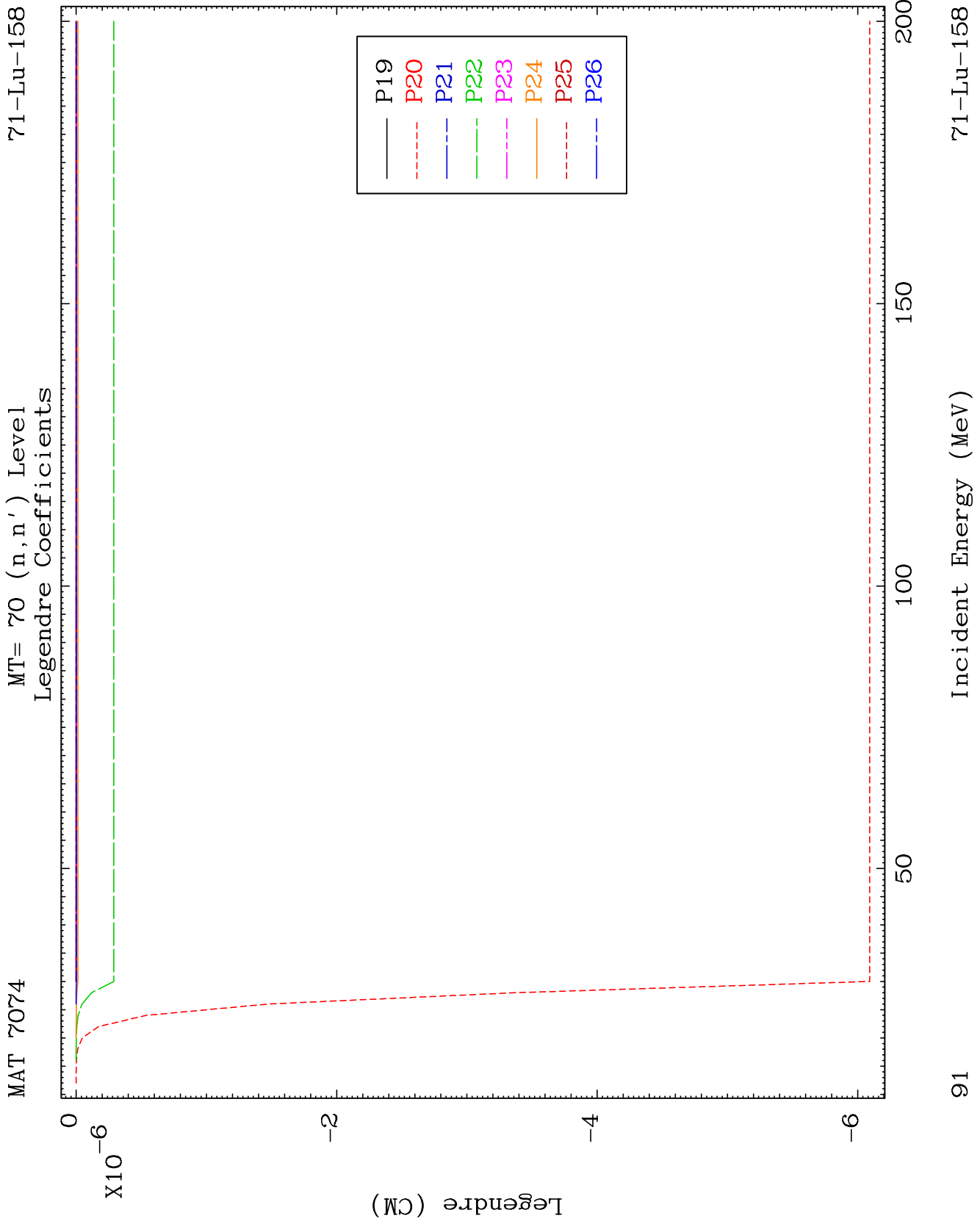
Incident Energy (MeV)

71-Lu-158





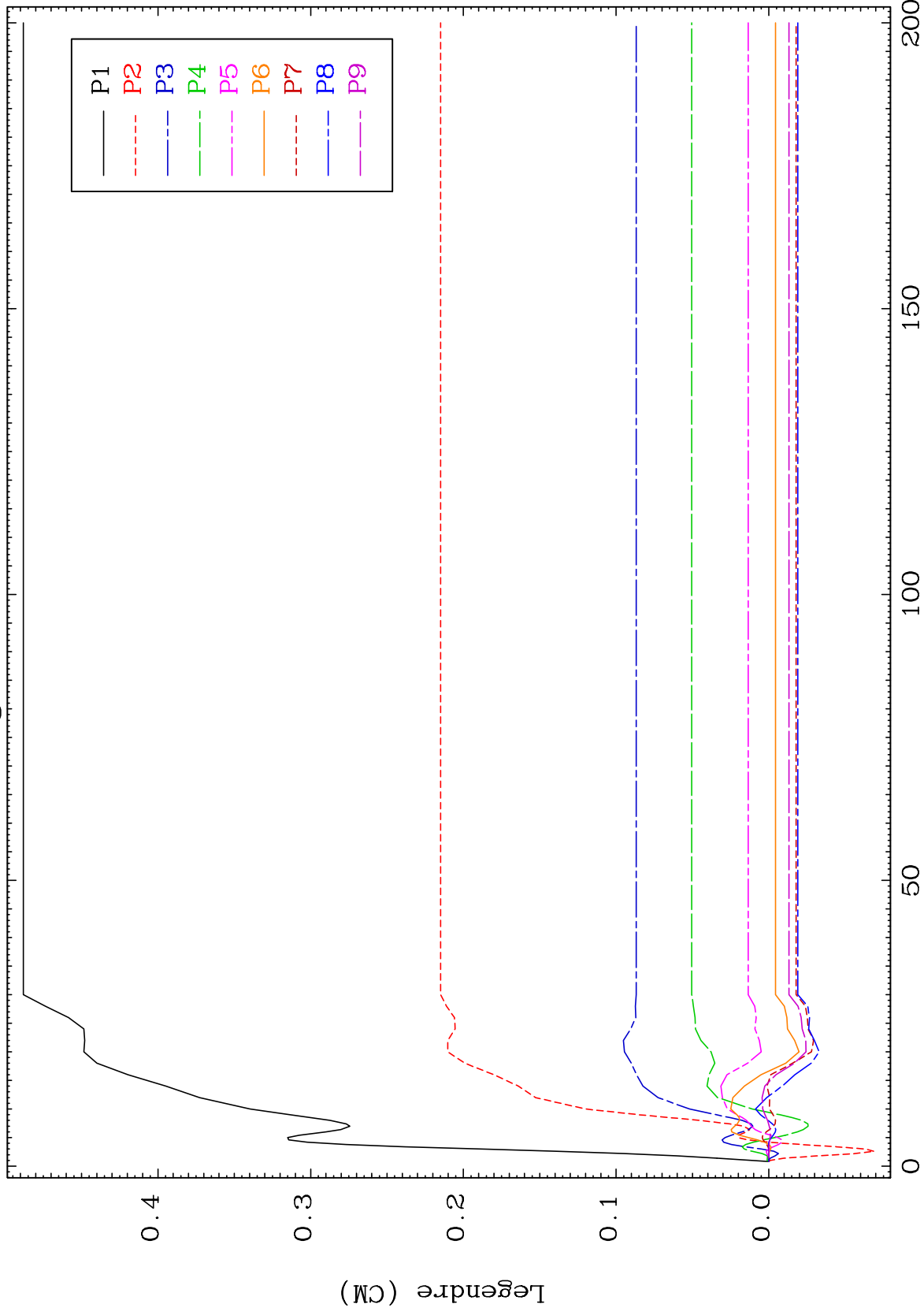




MAT 7074

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

71-Lu-158



92

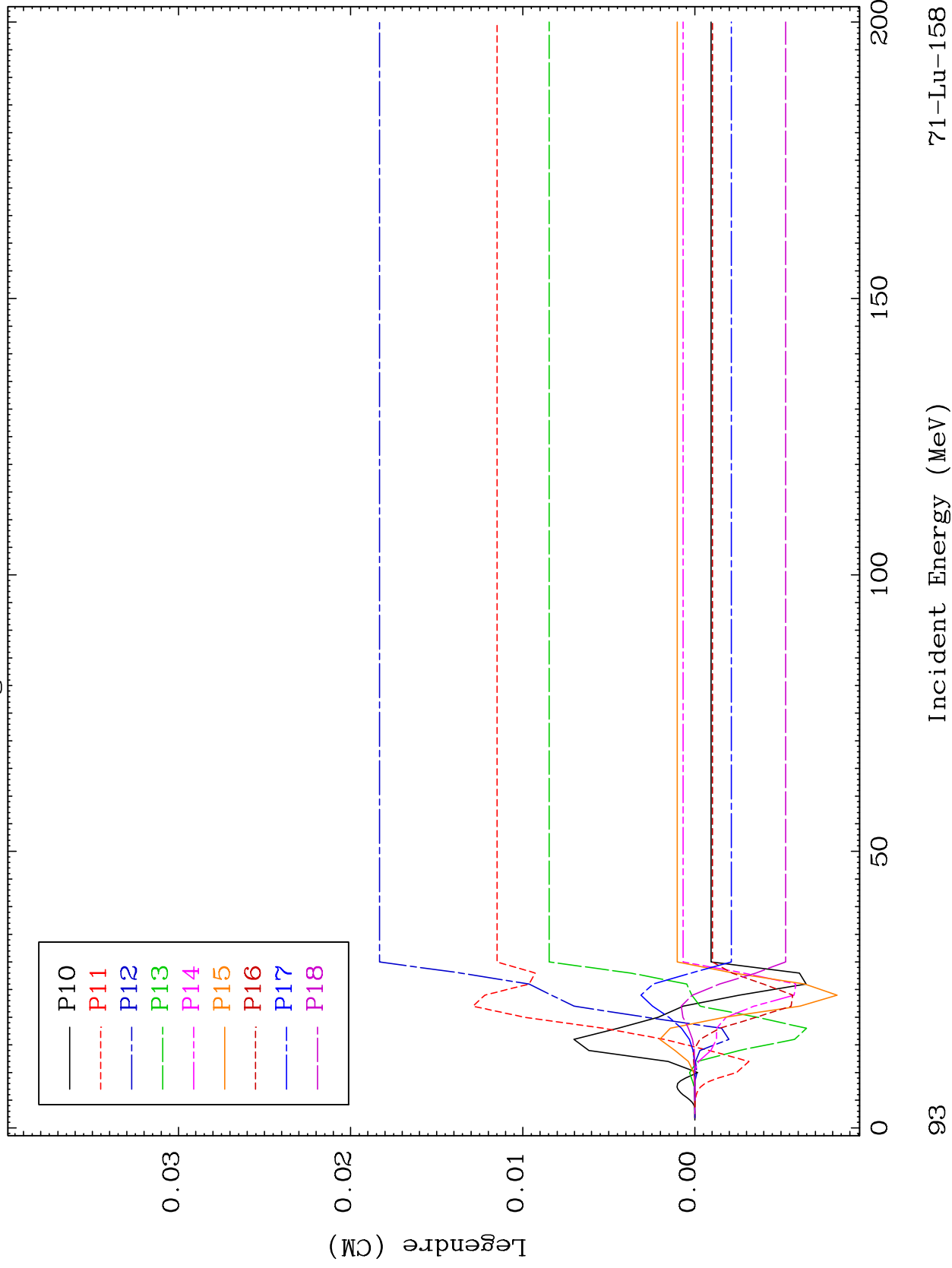
Incident Energy (MeV)

71-Lu-158

MAT 7074

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

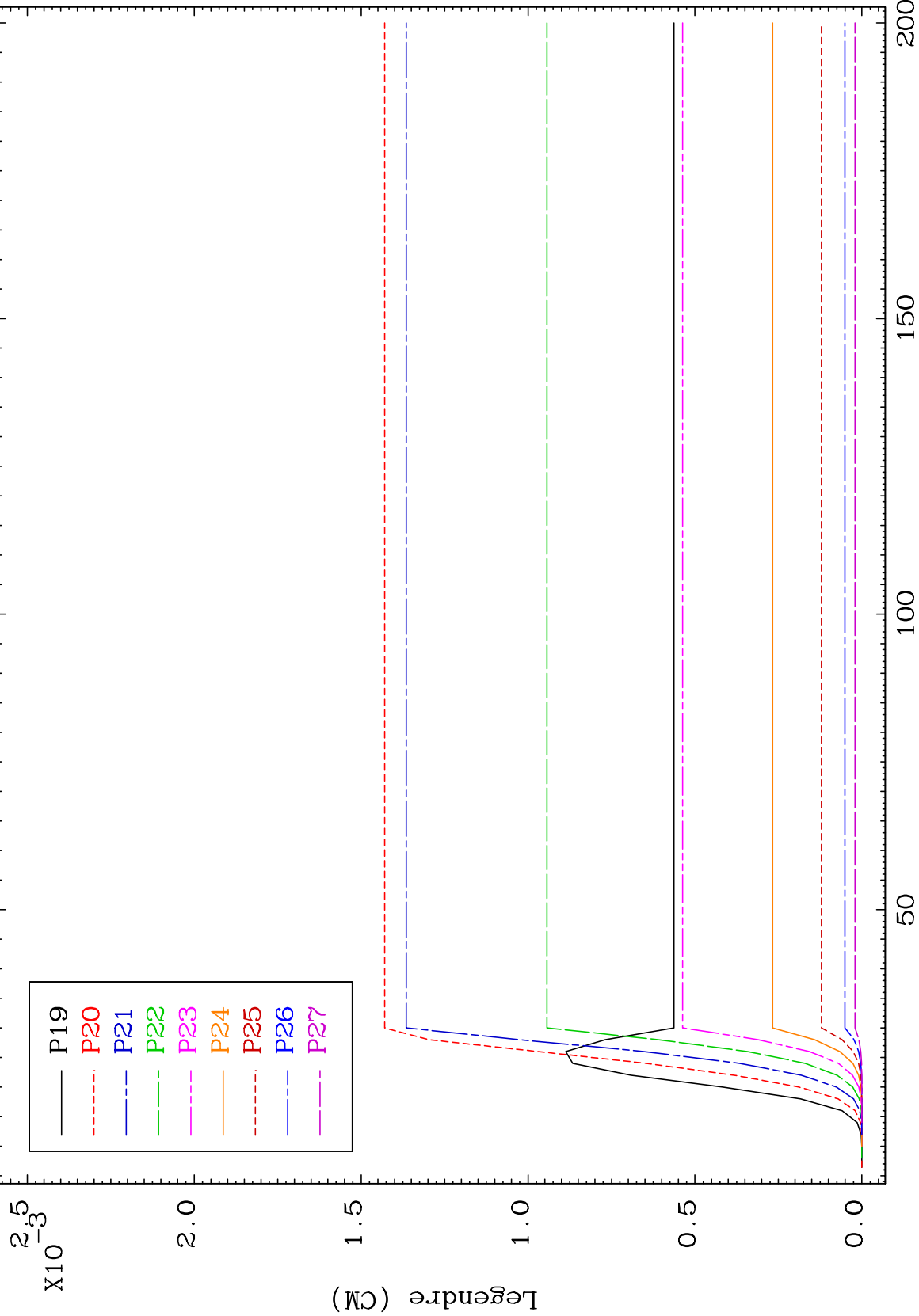
71-Lu-158



93

Incident Energy (MeV)

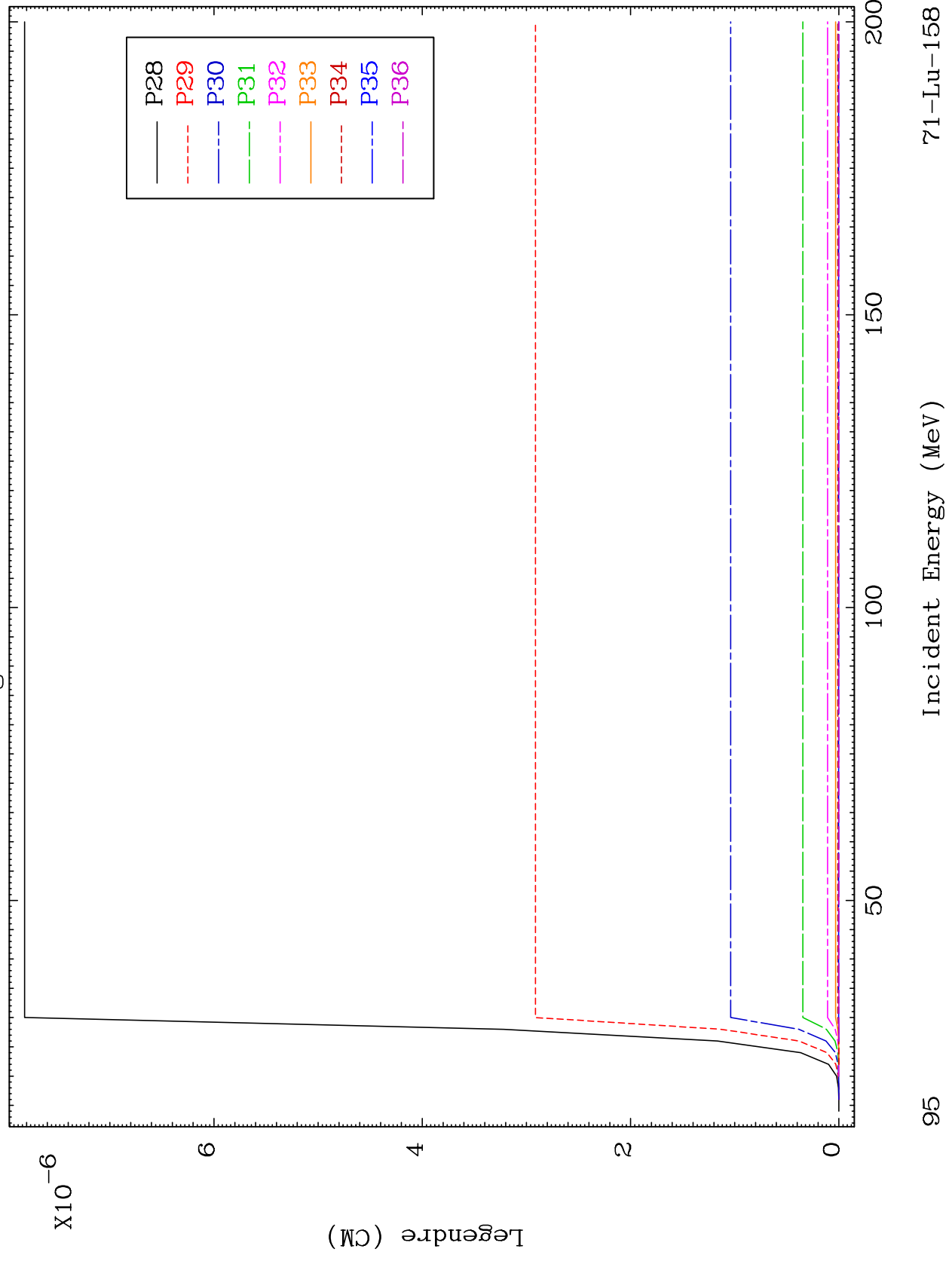
71-Lu-158

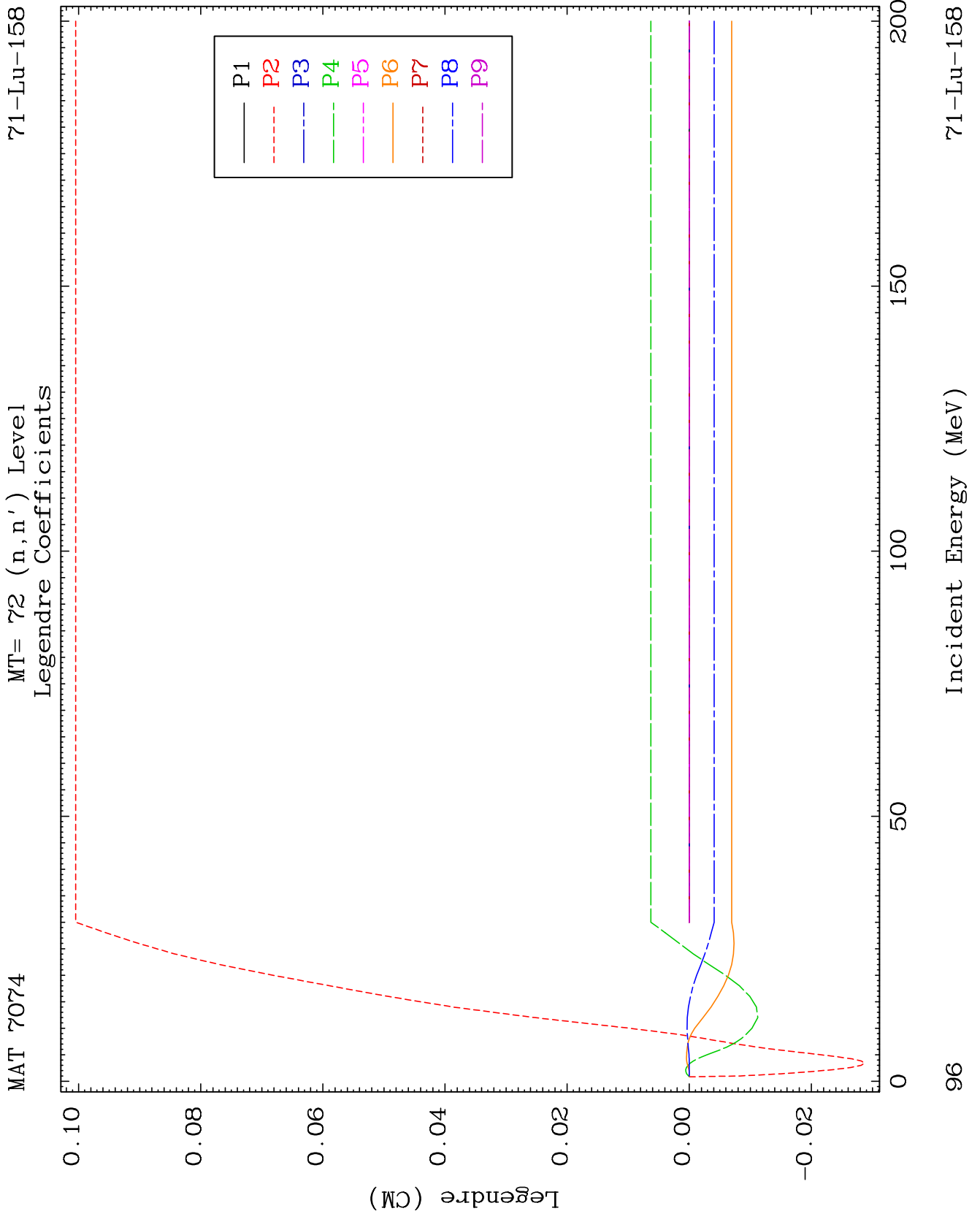


MAT 7074

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

71-Lu-158

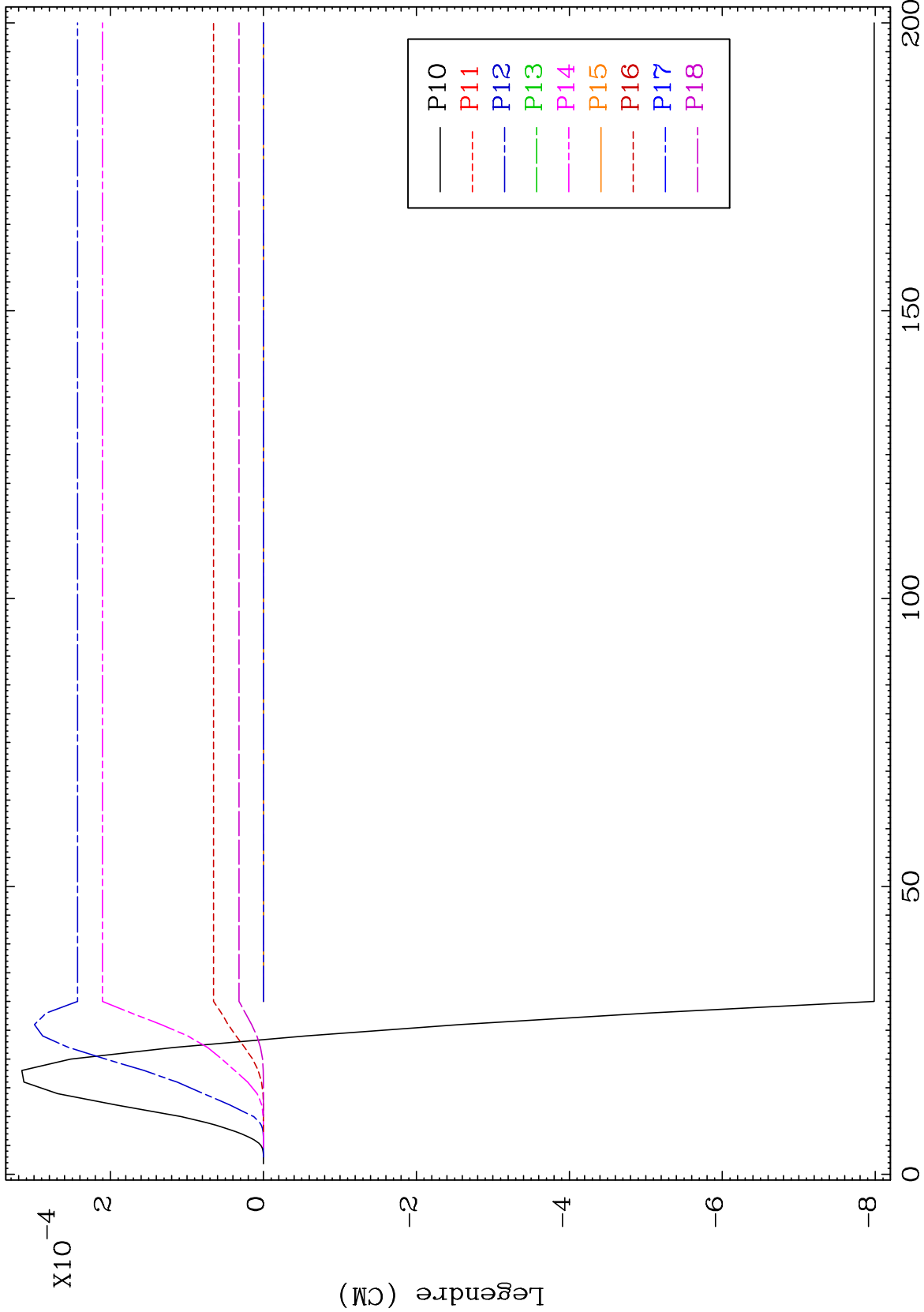




MAT 7074

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

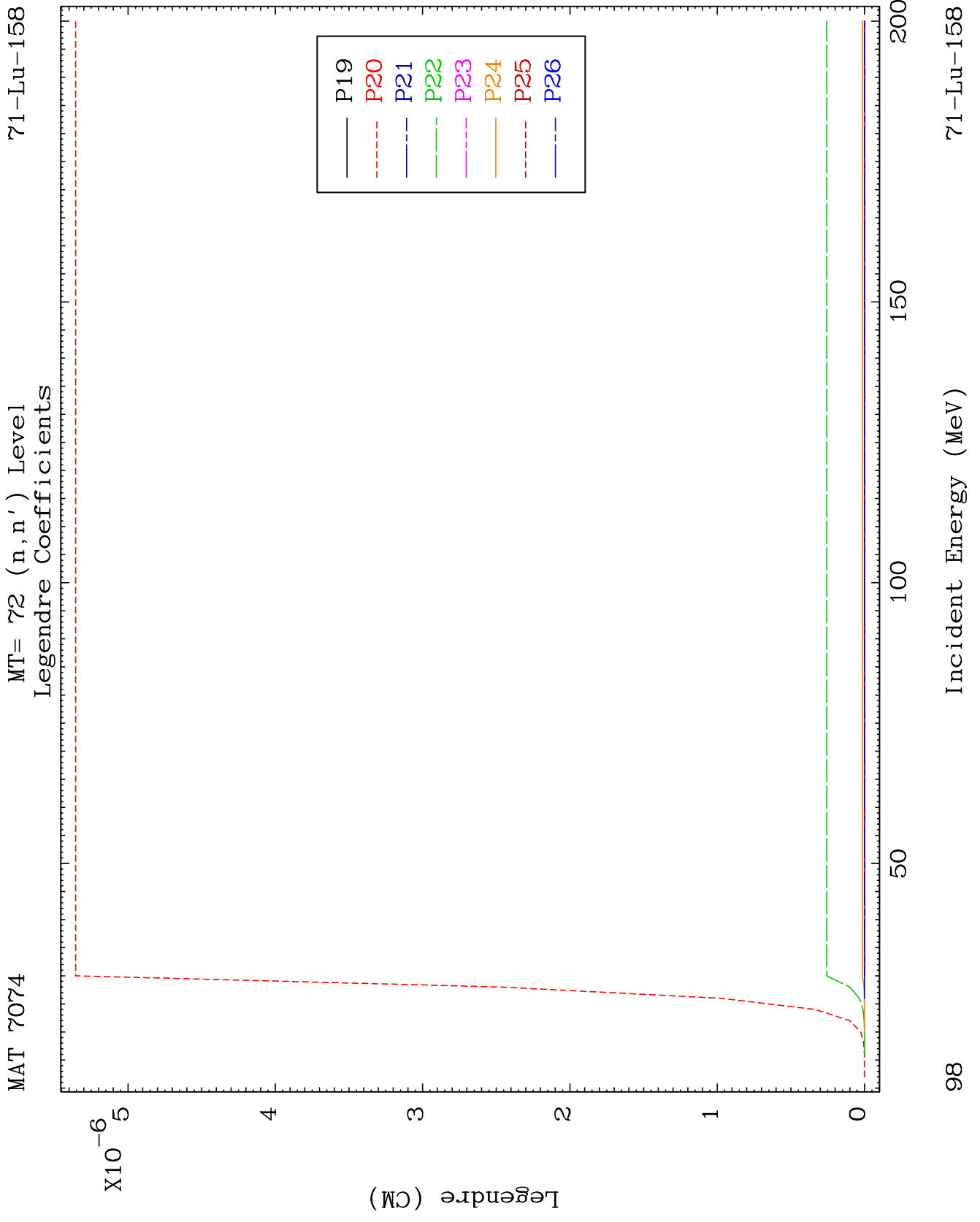
71-Lu-158

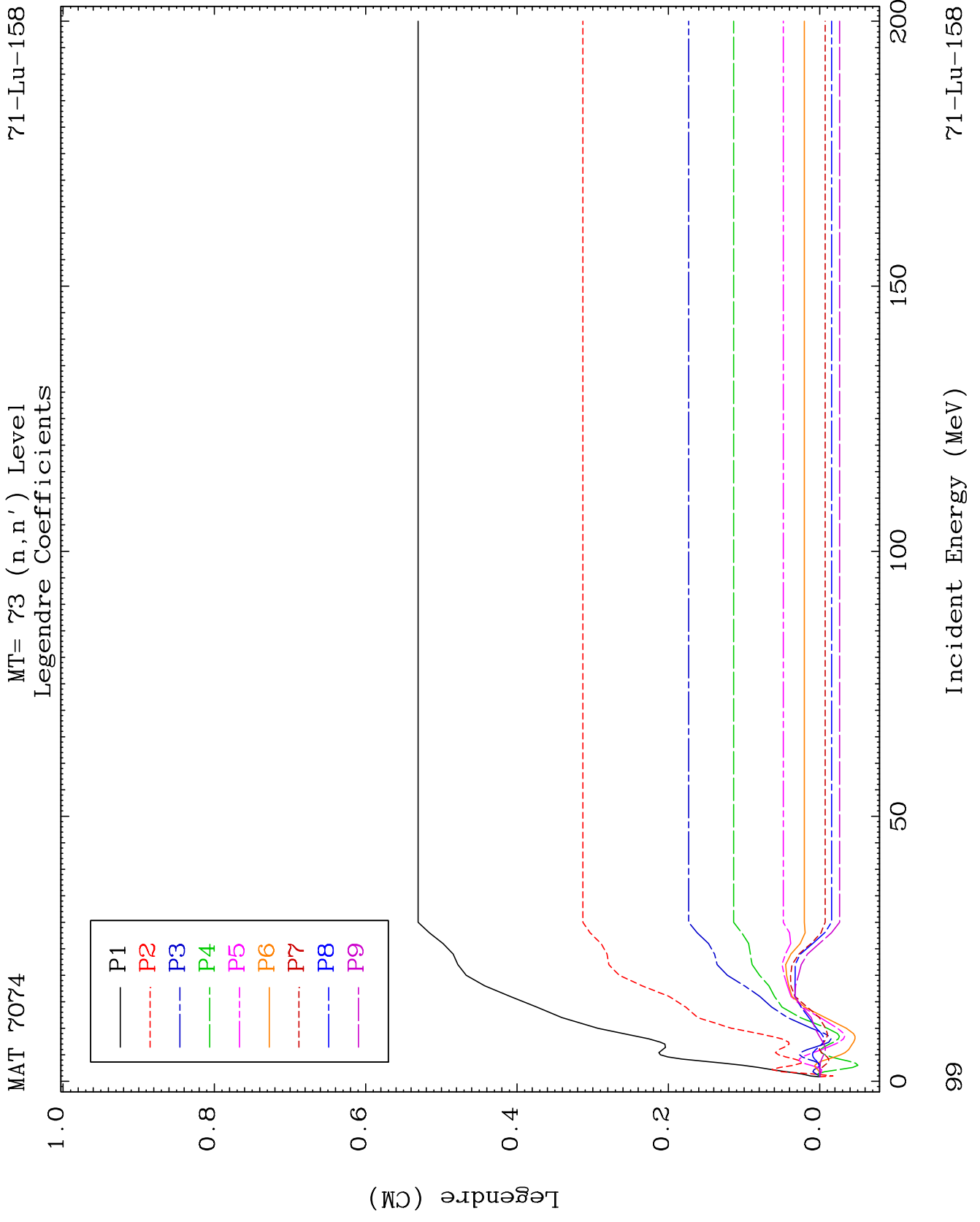


97

Incident Energy (MeV)

71-Lu-158

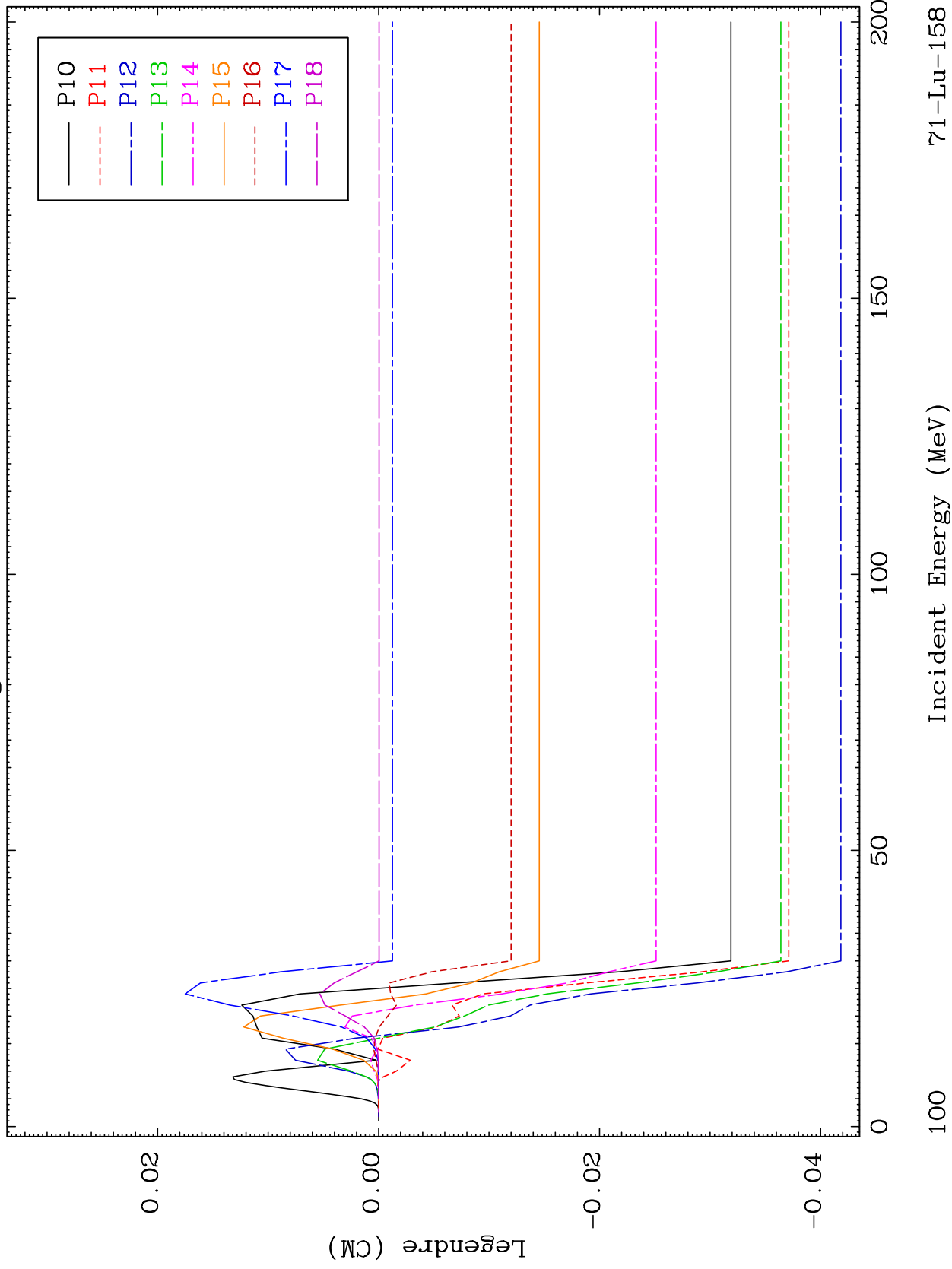




MAT 7074

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

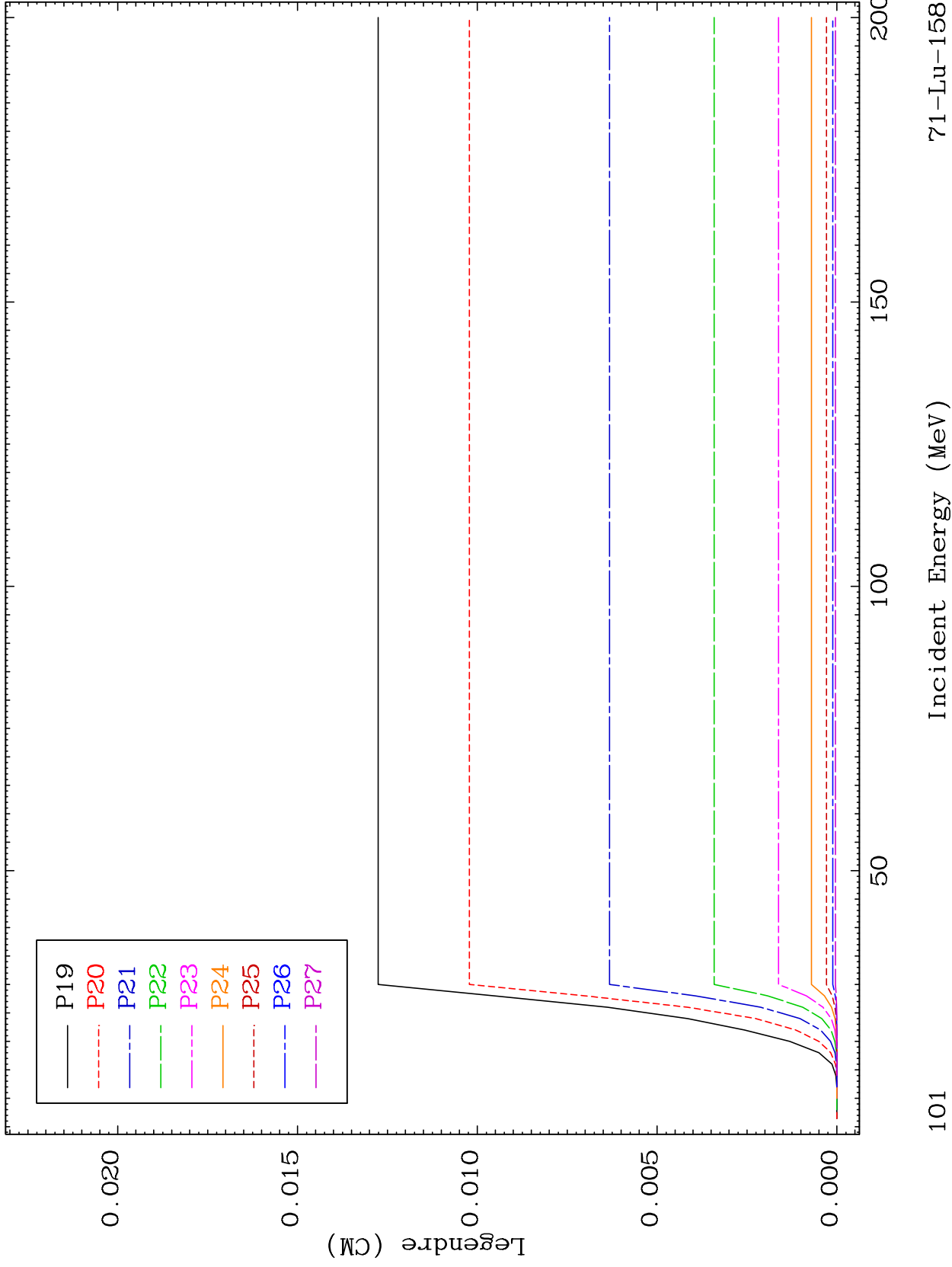
71-Lu-158



MAT 7074

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

71-Lu-158



101

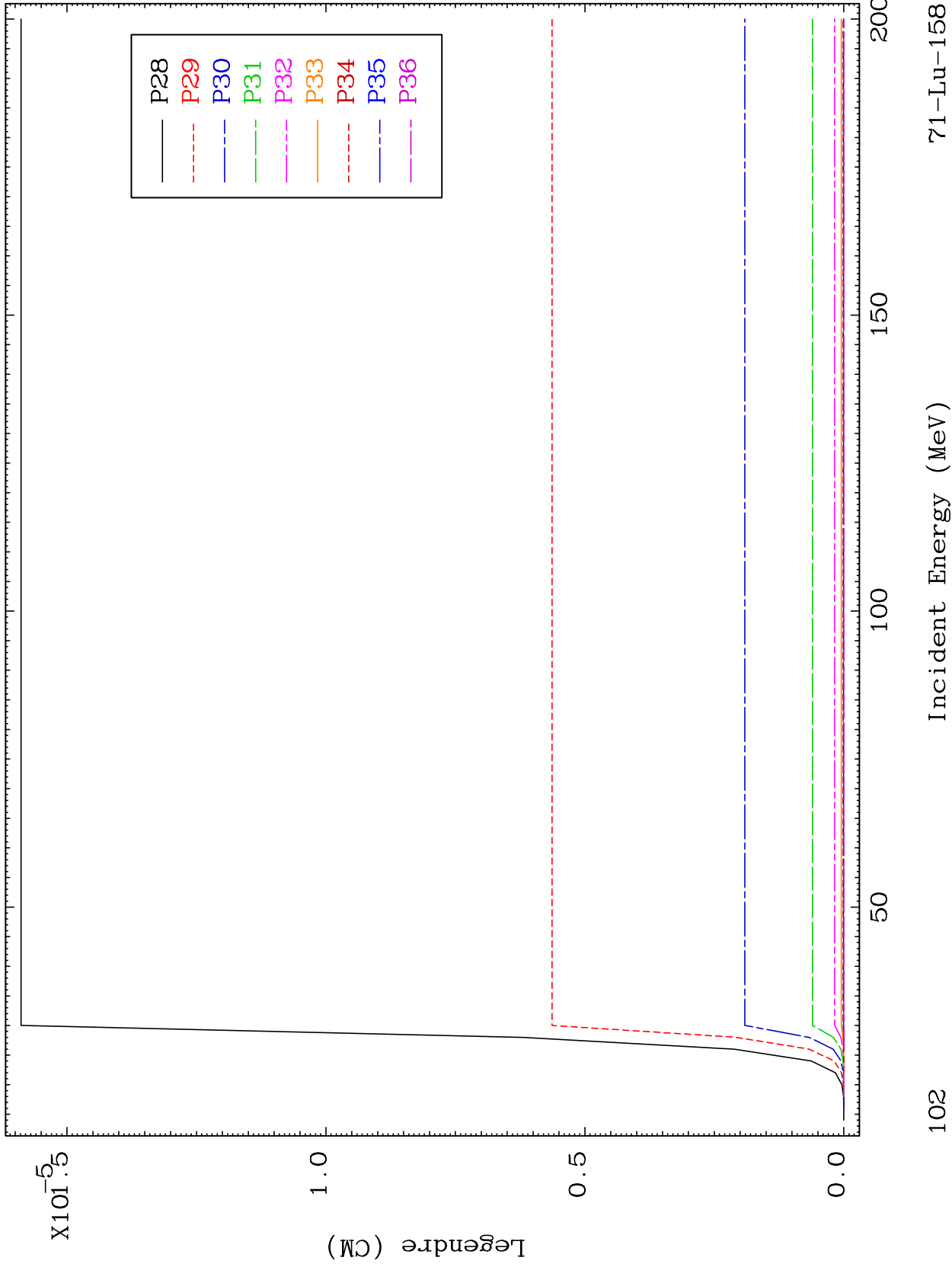
Incident Energy (MeV)

71-Lu-158

MAT 7074

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

71-Lu-158



102

Incident Energy (MeV)

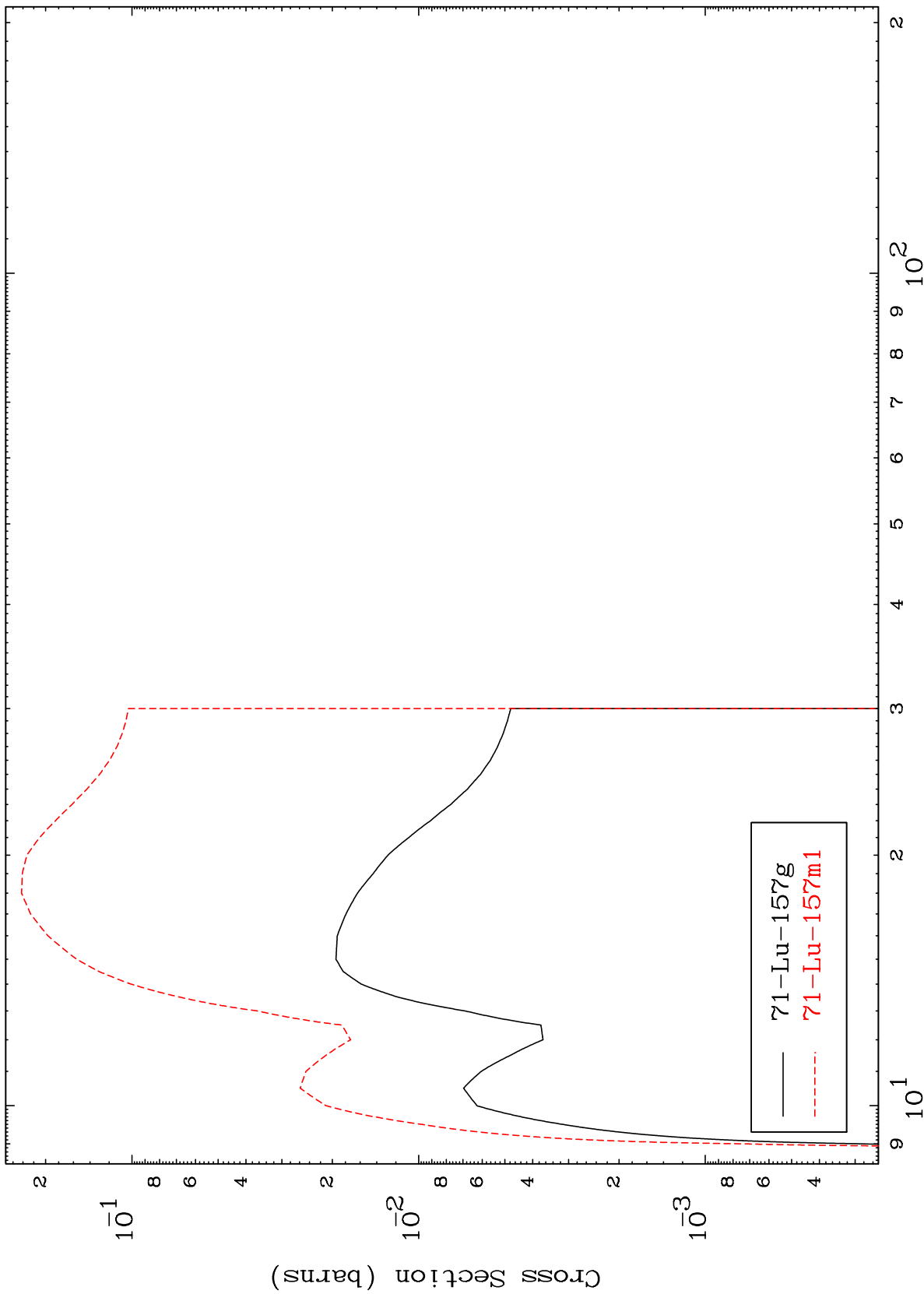
71-Lu-158

MAT 7074

71-Lu-158

Radionuclide Production Cross Section

(n,2n)



71-Lu-158

Incident Energy (MeV)

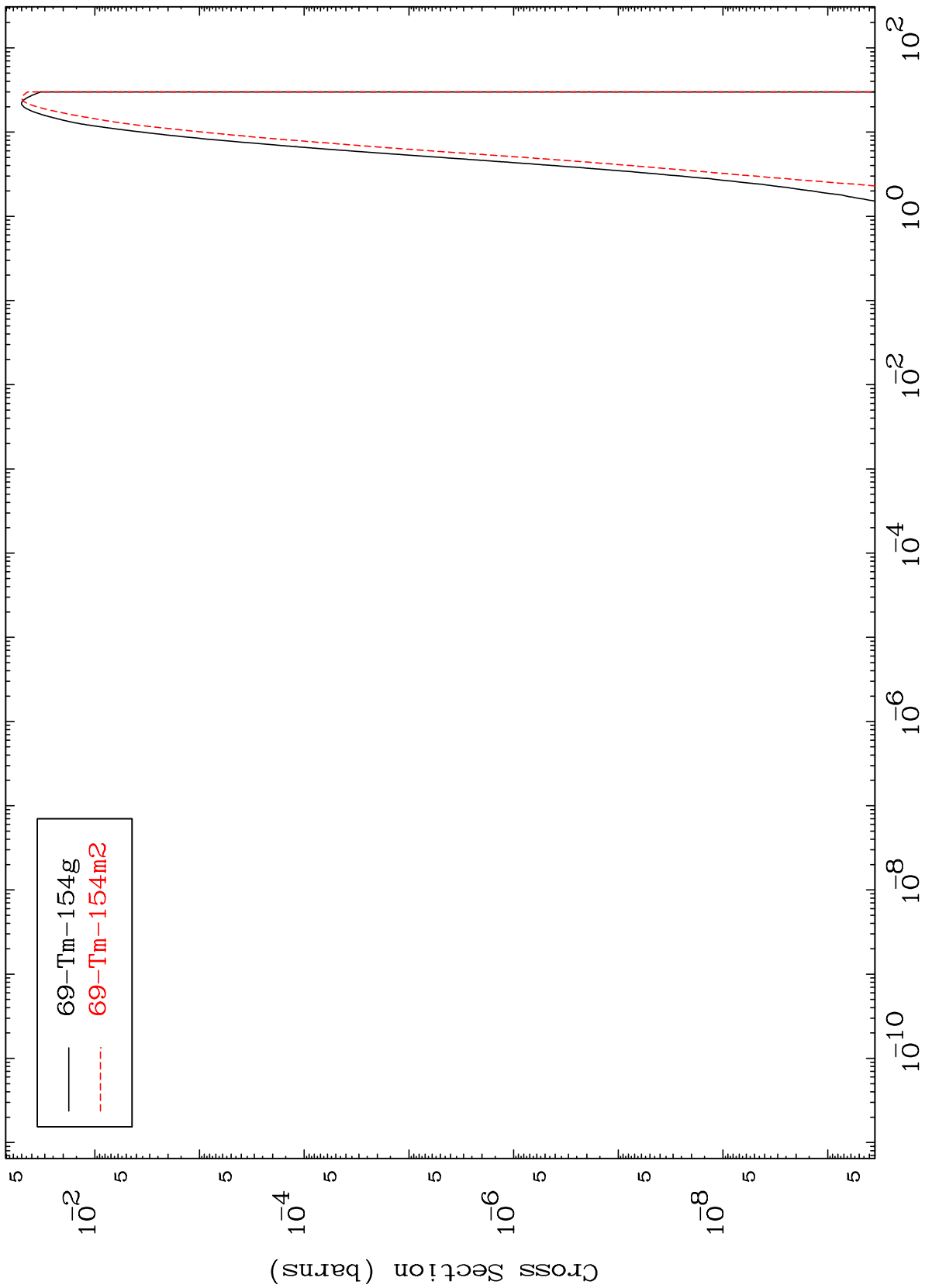
103

MAT 7074

$(n, n') \alpha$

71-Lu-158

Radionuclide Production Cross Section



104

Incident Energy (MeV)

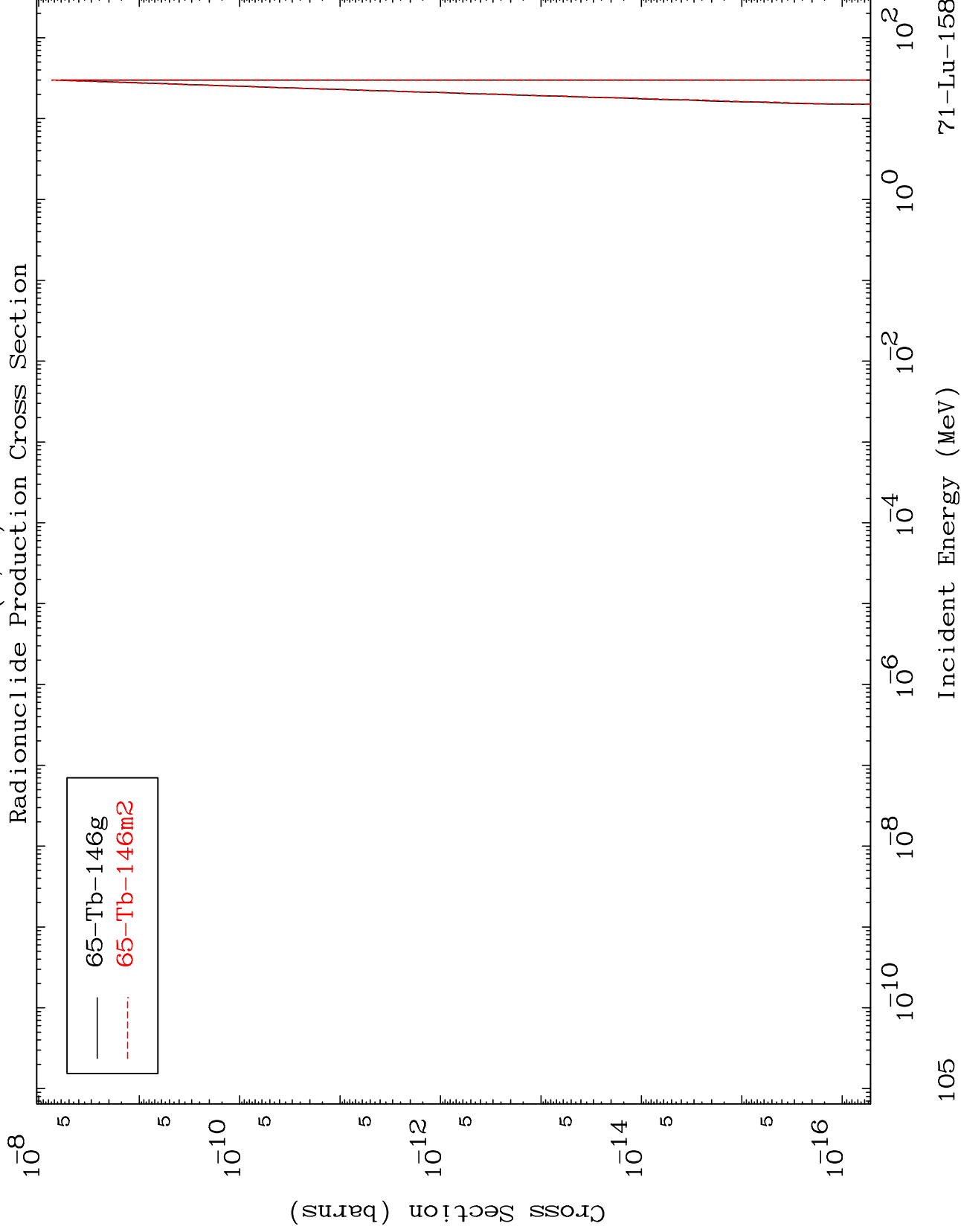
71-Lu-158

MAT 7074

(n,n') 3 α

71-Lu-158

Radionuclide Production Cross Section



105

Incident Energy (MeV)

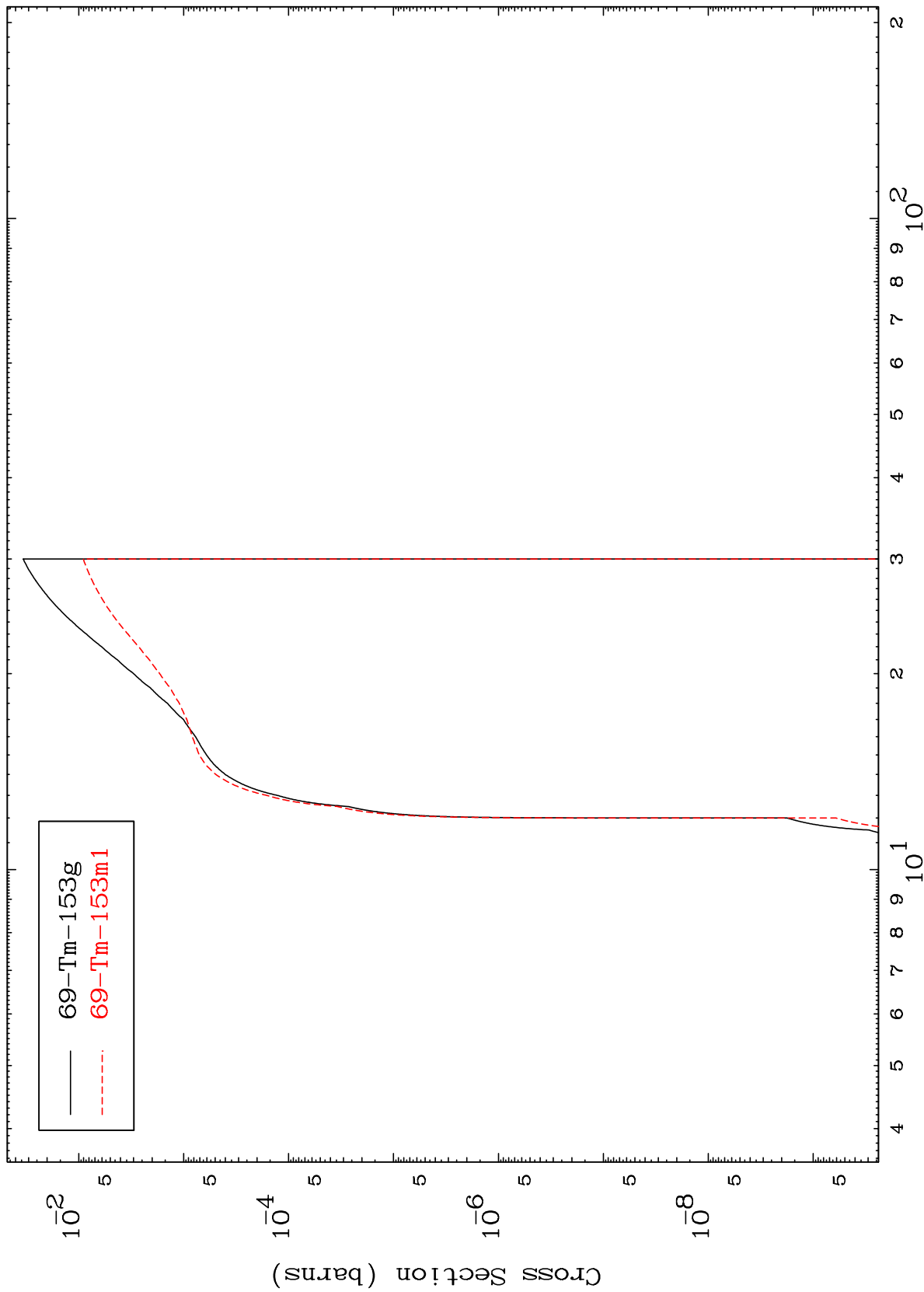
71-Lu-158

MAT 7074

(n,2n) α

71-Lu-158

Radionuclide Production Cross Section



106

Incident Energy (MeV)

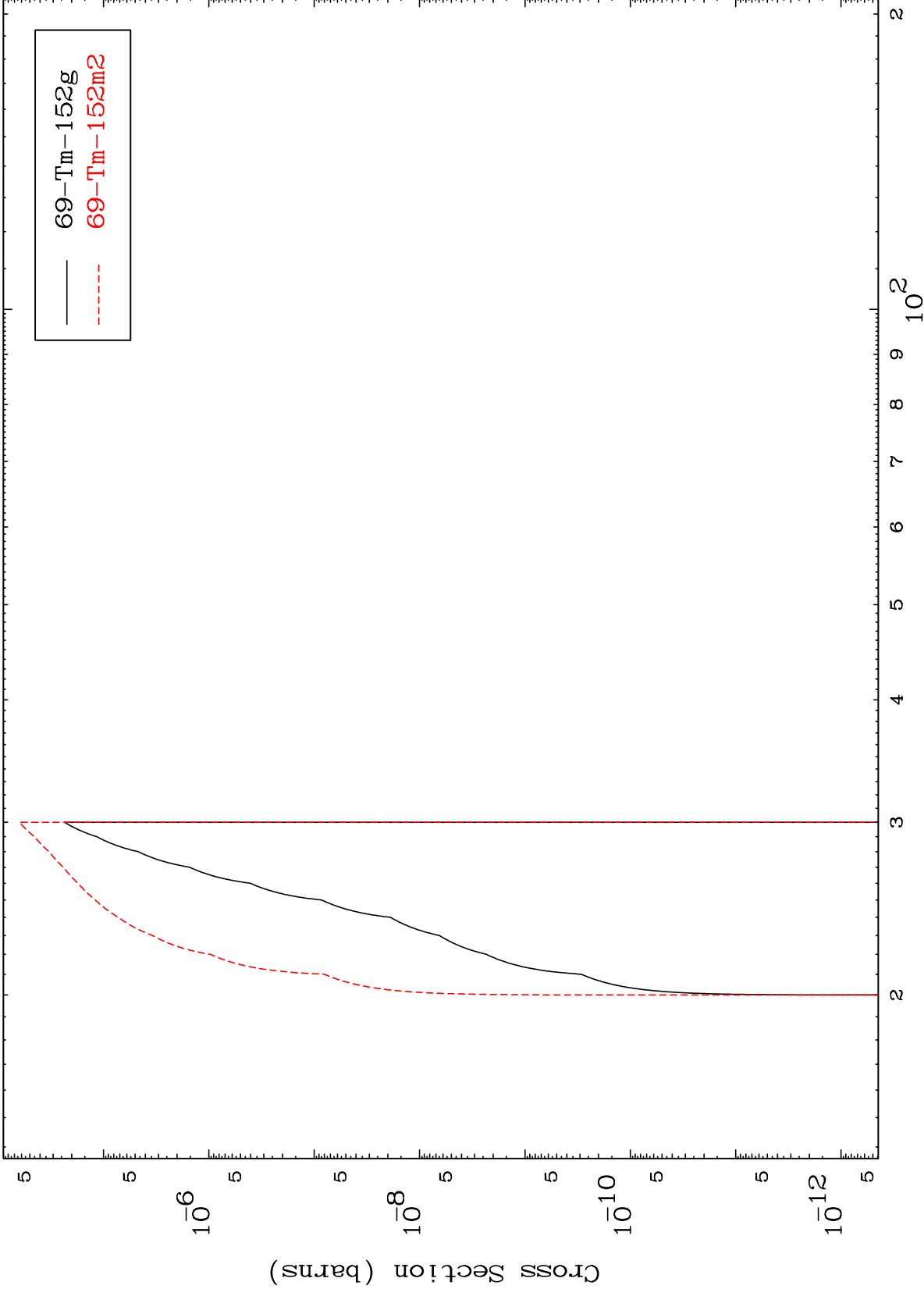
71-Lu-158

MAT 7074

(n,3n) α

71-Lu-158

Radionuclide Production Cross Section



107

Incident Energy (MeV)

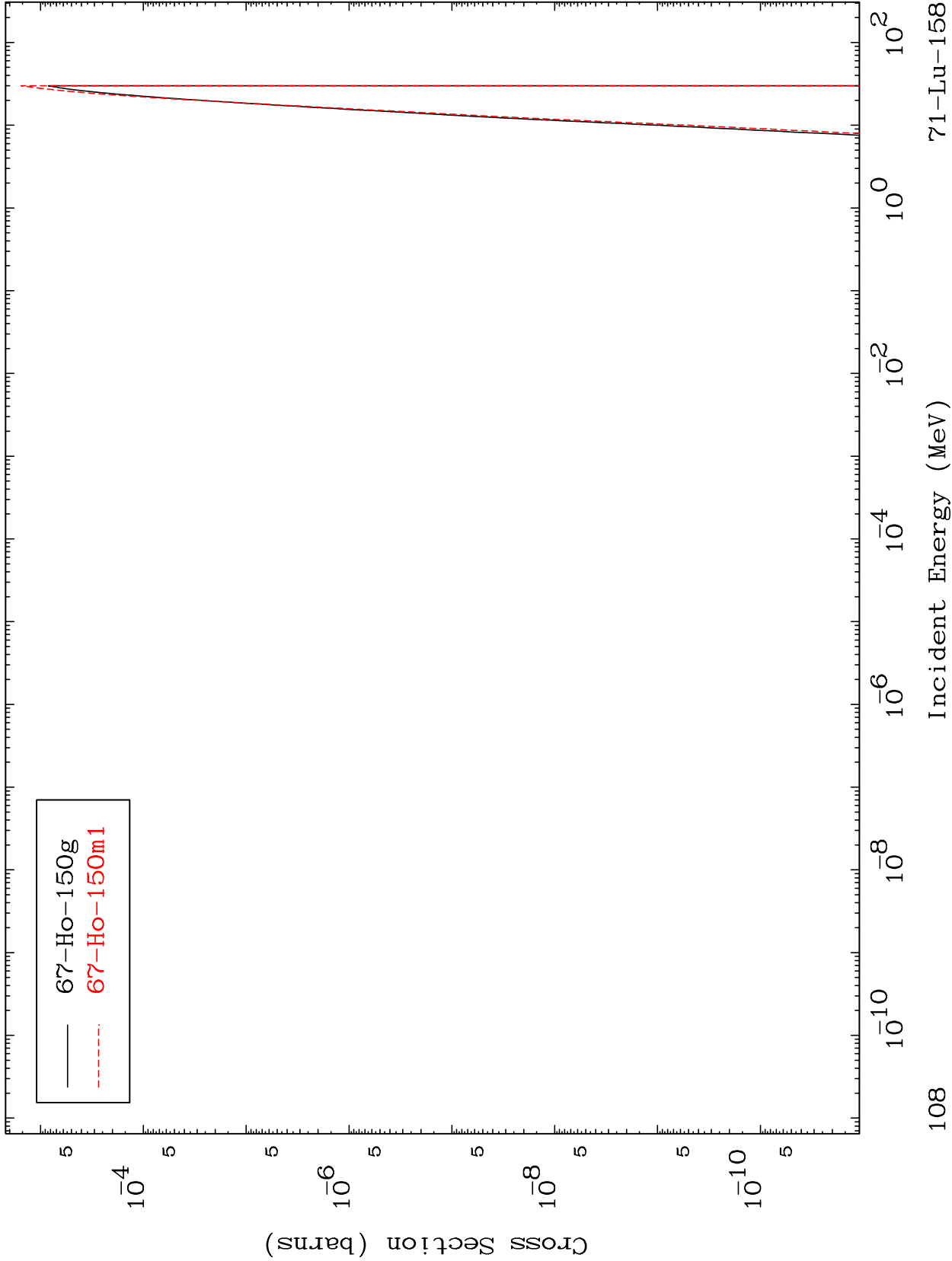
71-Lu-158

MAT 7074

(n,n') 2α

71-Lu-158

Radionuclide Production Cross Section

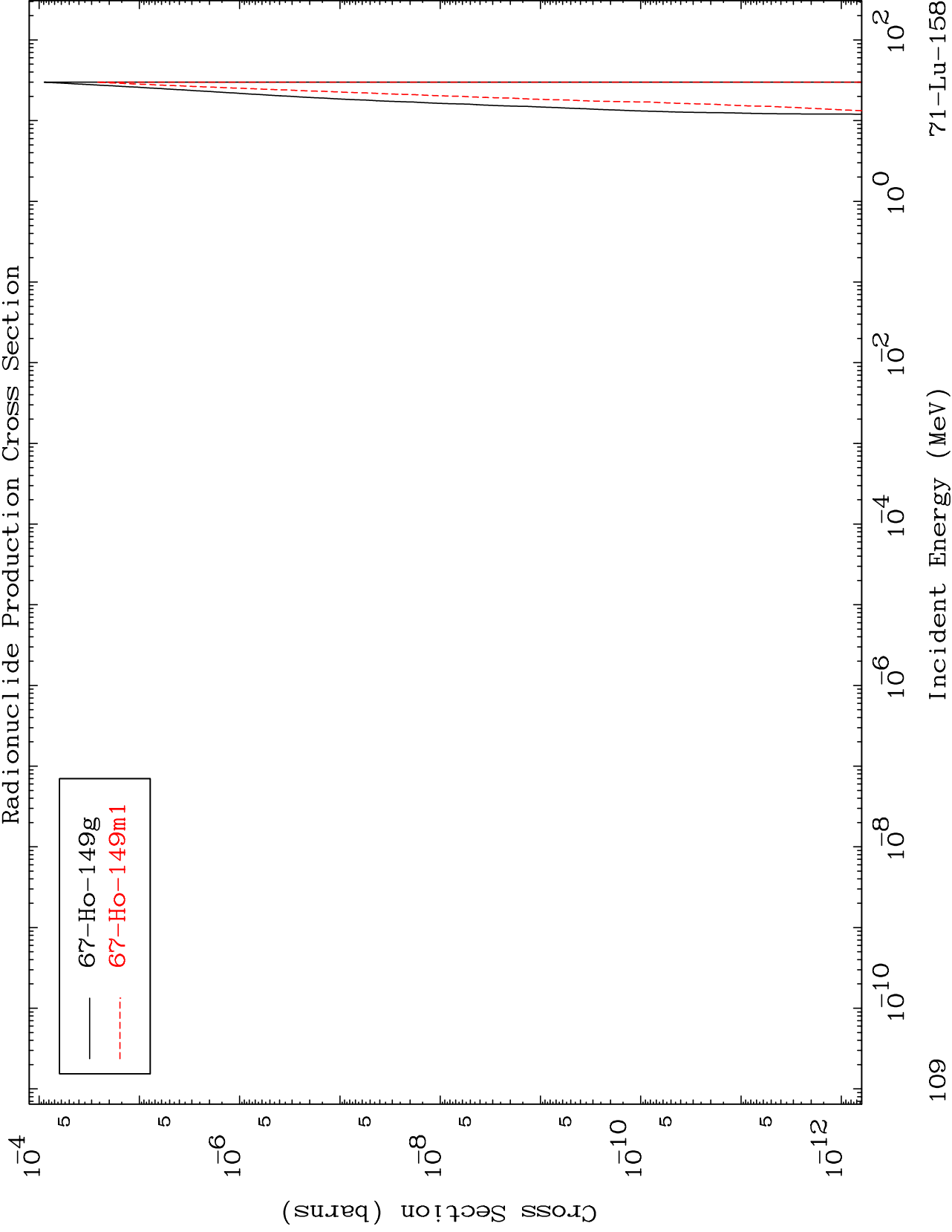


MAT 7074

(n,2n) 2α

71-Lu-158

Radionuclide Production Cross Section



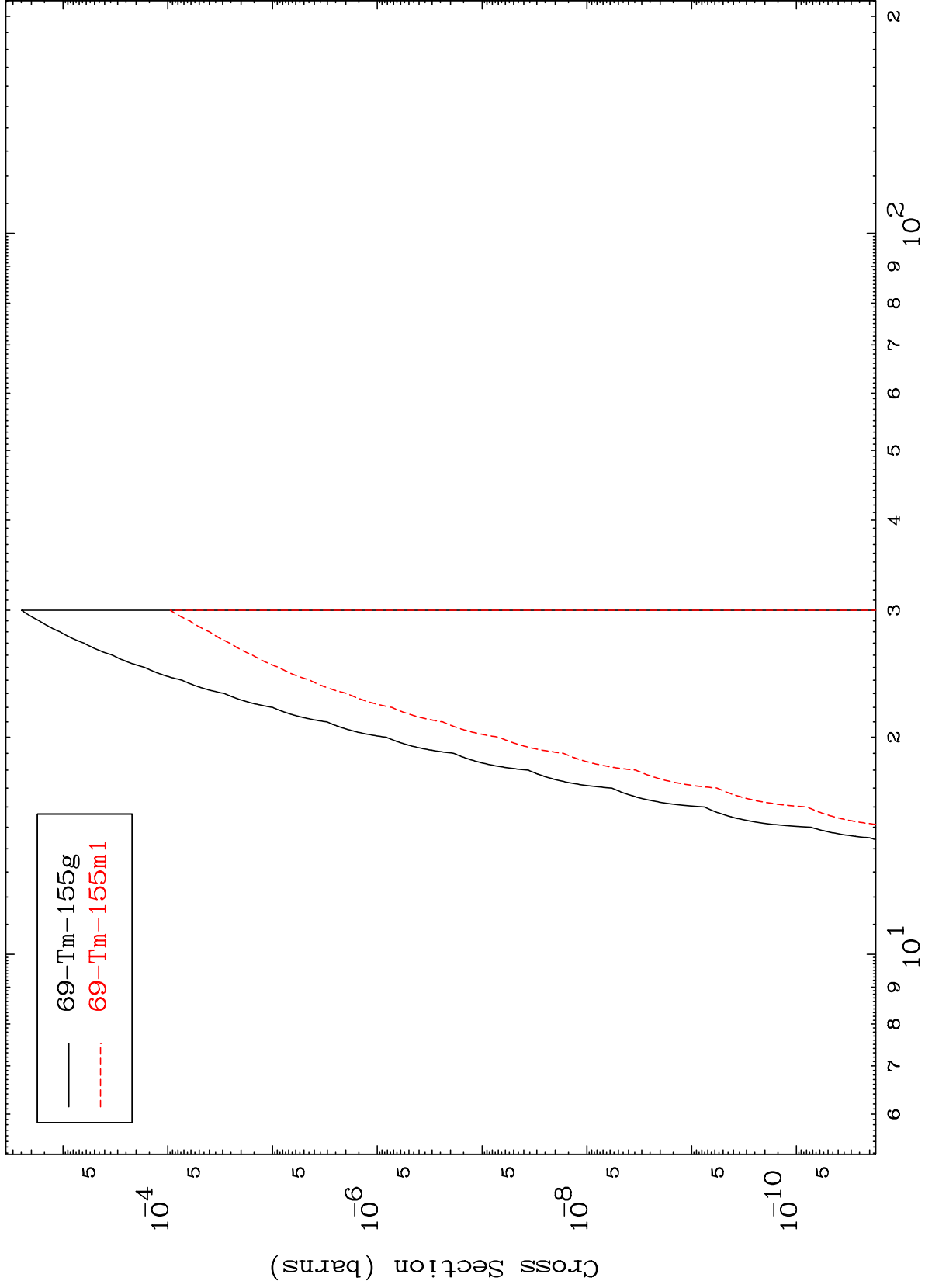
67Ho-149g
67Ho-149m1

MAT 7074

(n, n') He-3

71-Lu-158

Radionuclide Production Cross Section



110

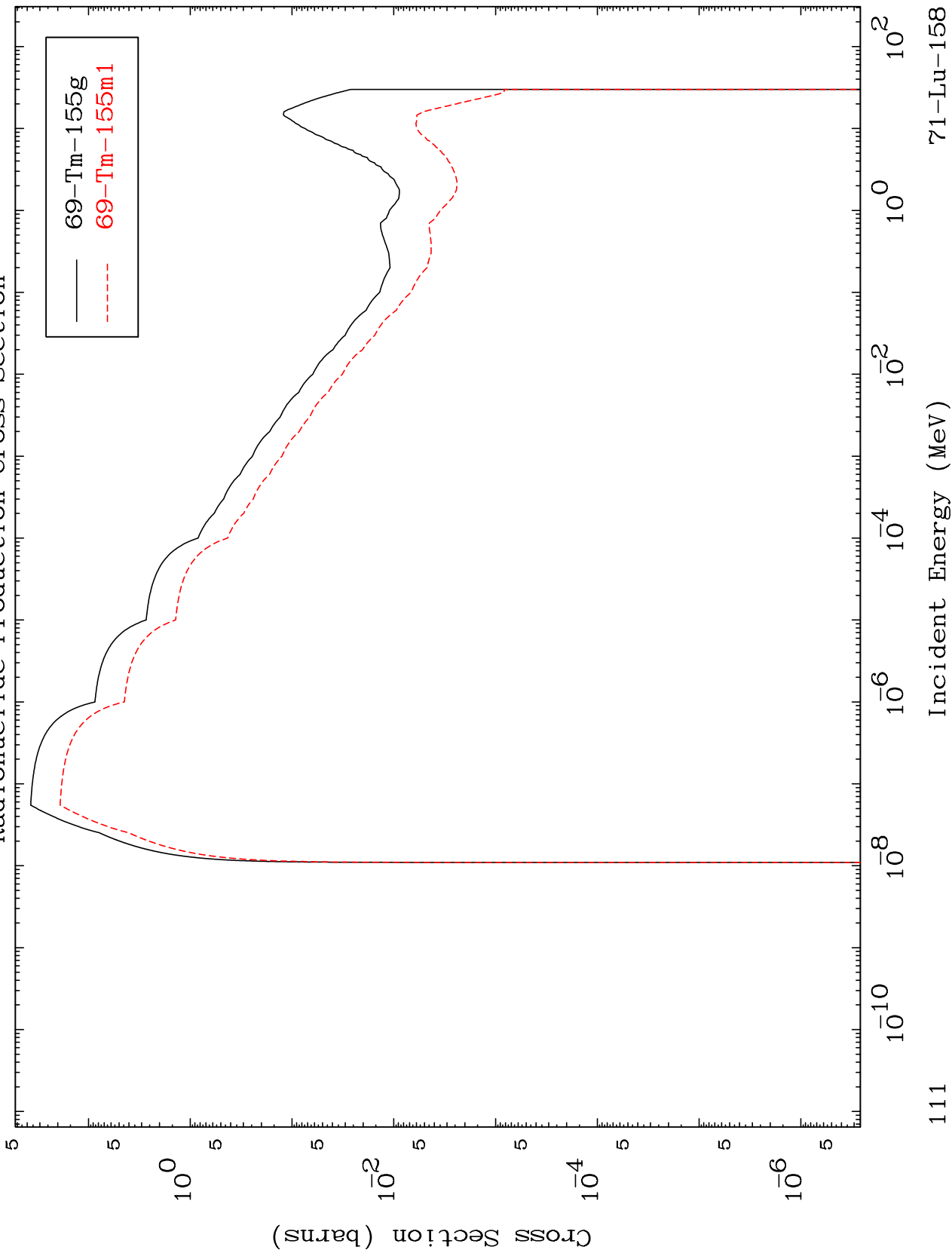
Incident Energy (MeV)

71-Lu-158

MAT 7074

71-Lu-158

(n, α)
Radionuclide Production Cross Section



111

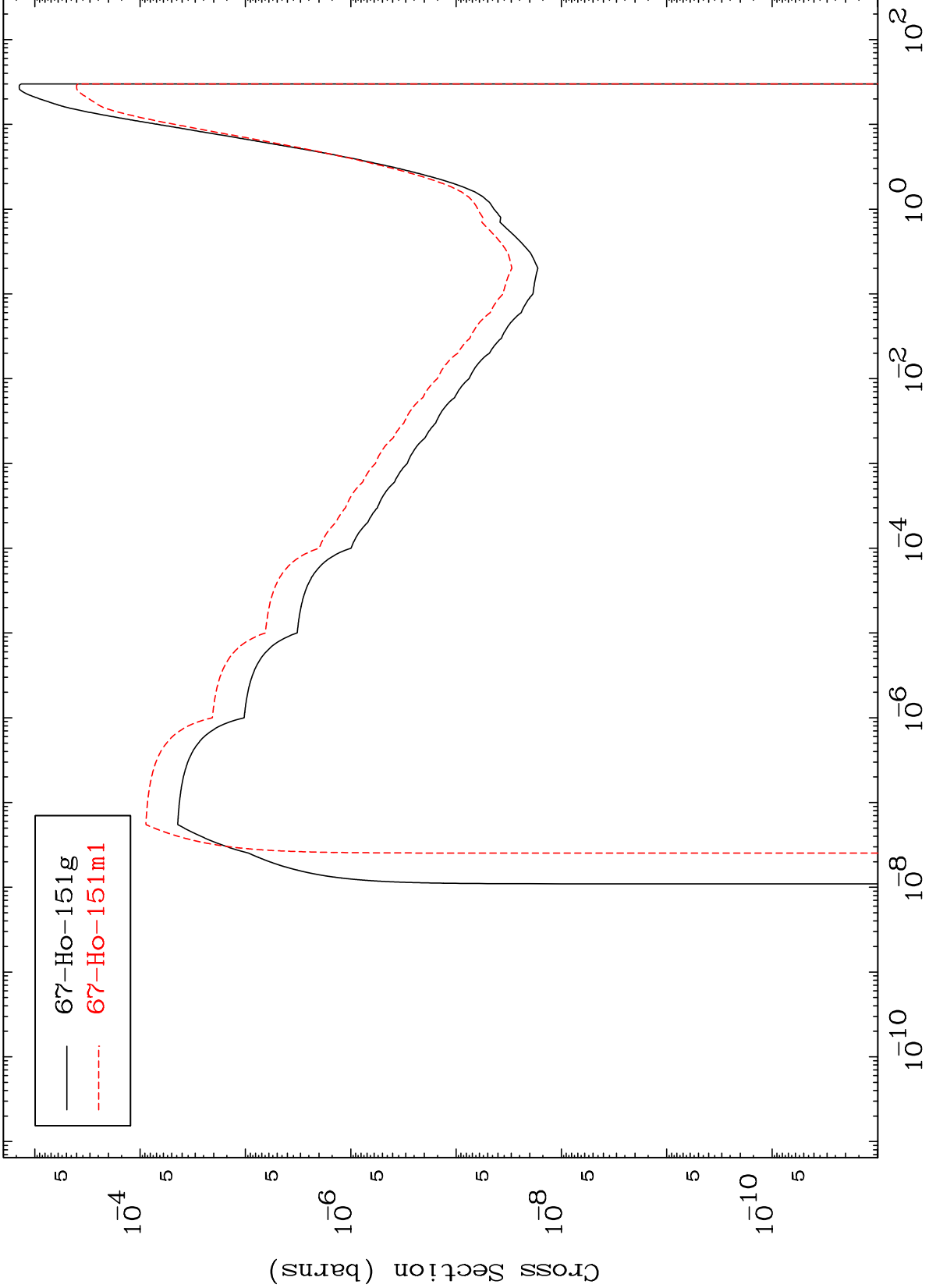
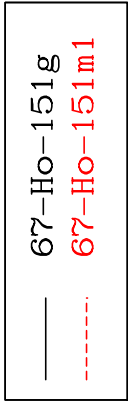
71-Lu-158

MAT 7074

(n,2α)

71-Lu-158

Radionuclide Production Cross Section

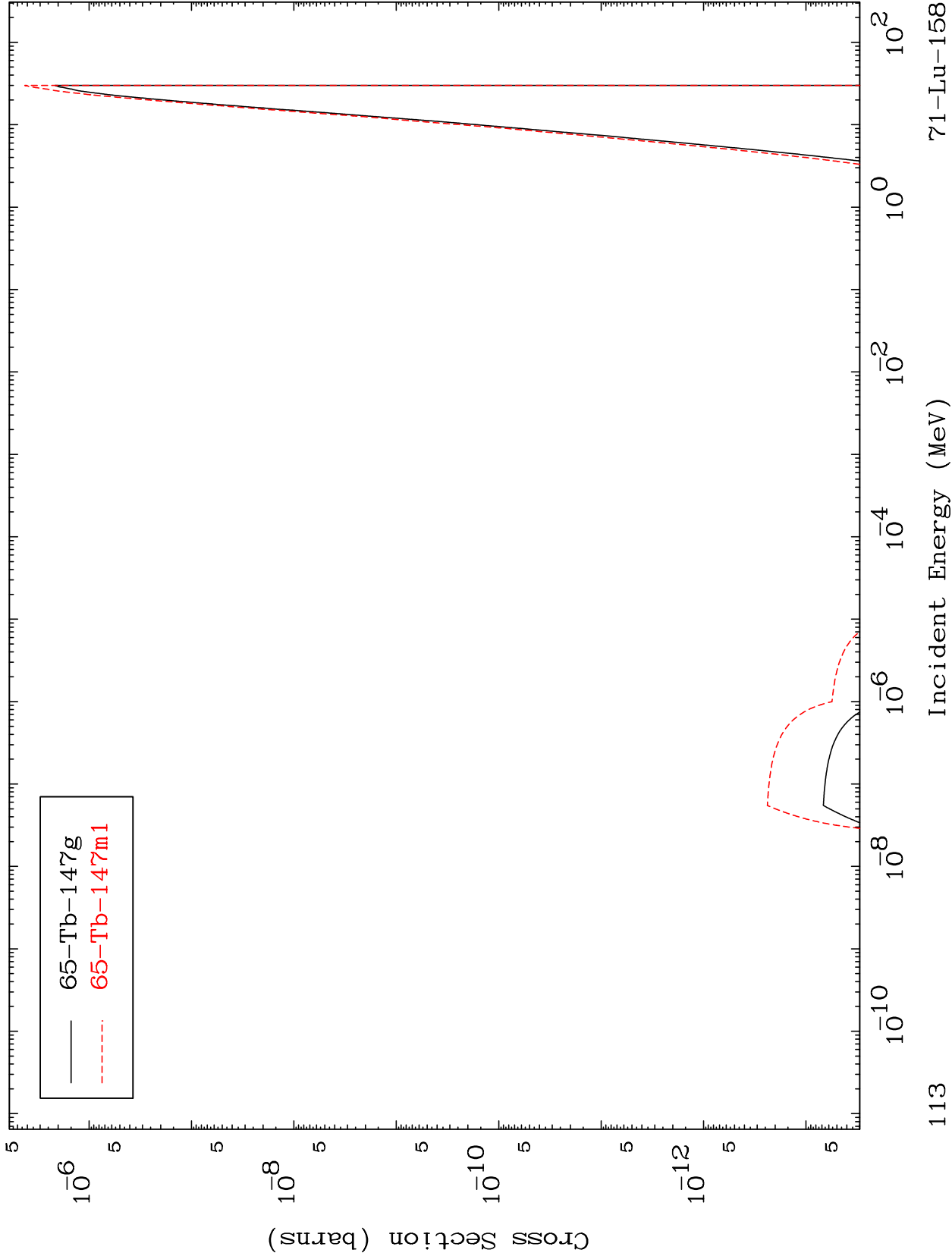


MAT 7074

(n, 3α)

71-Lu-158

Radionuclide Production Cross Section

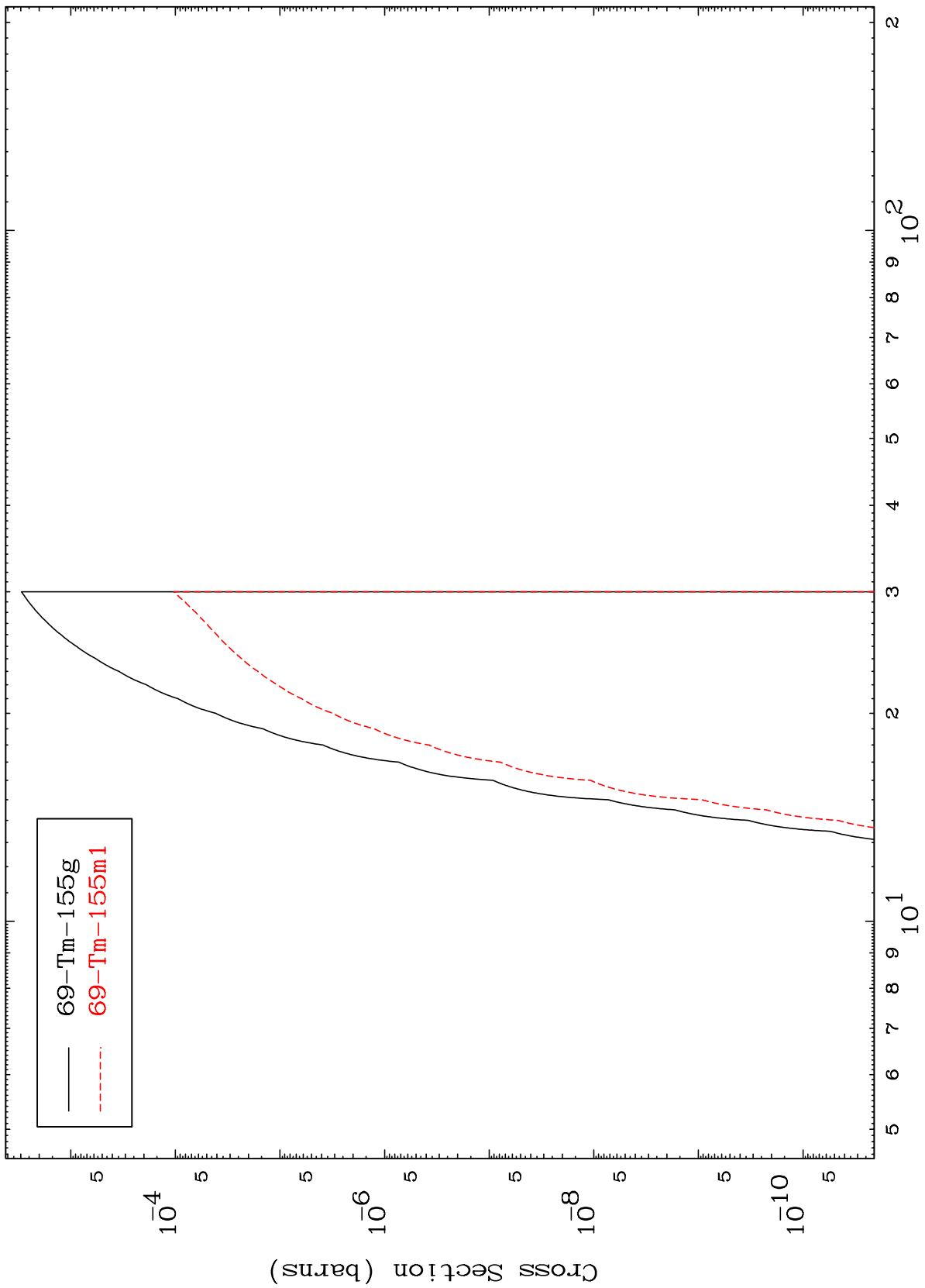


MAT 7074

(n,p) t

71-Lu-158

Radionuclide Production Cross Section



69-Tm-155g
69-Tm-155m1

114

Incident Energy (MeV)

71-Lu-158