

Program EVALPLOT
(Version 2021-1)

by

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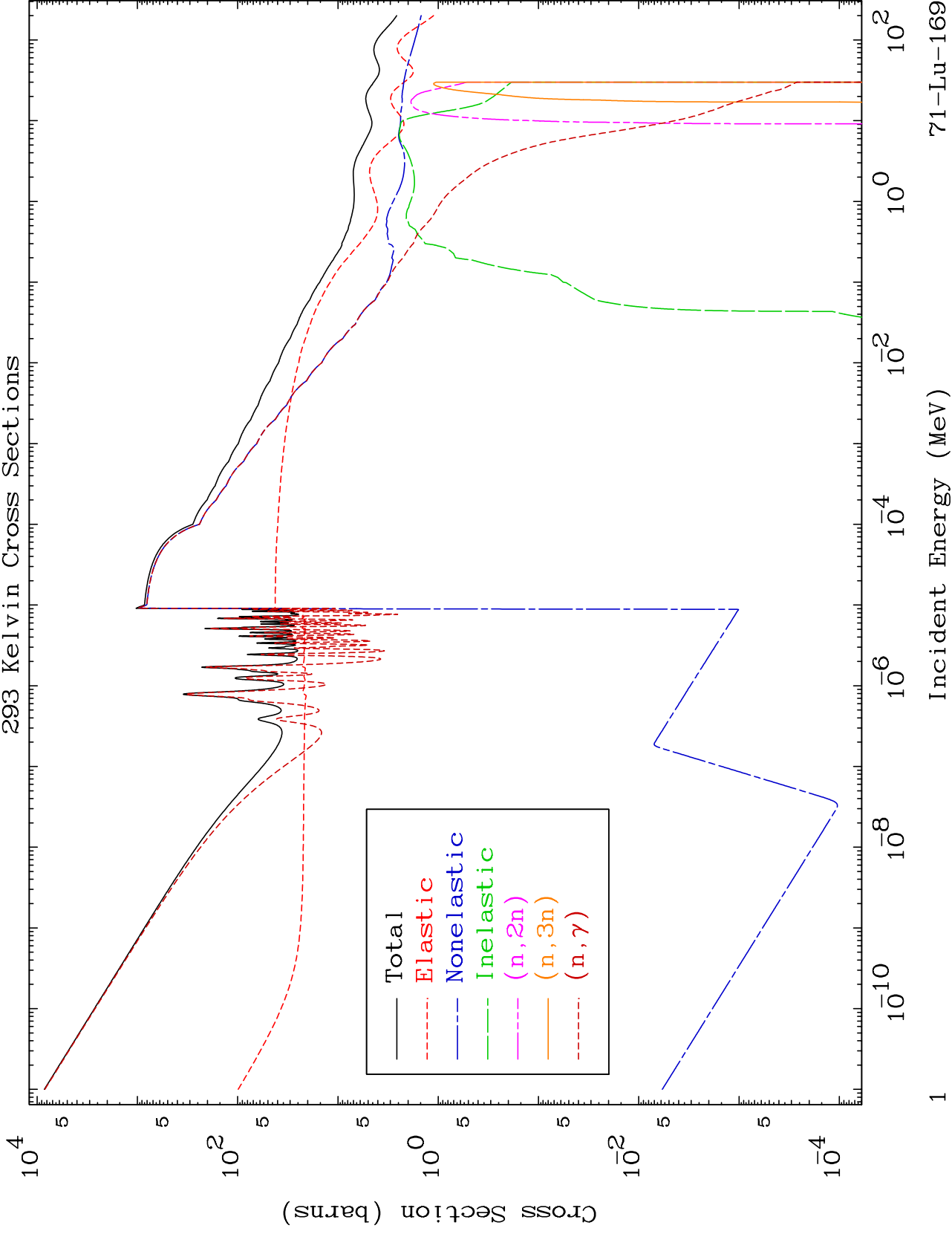
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Press Mouse Button to Start

MAT 7107

Neutron Major
293 Kelvin Cross Sections

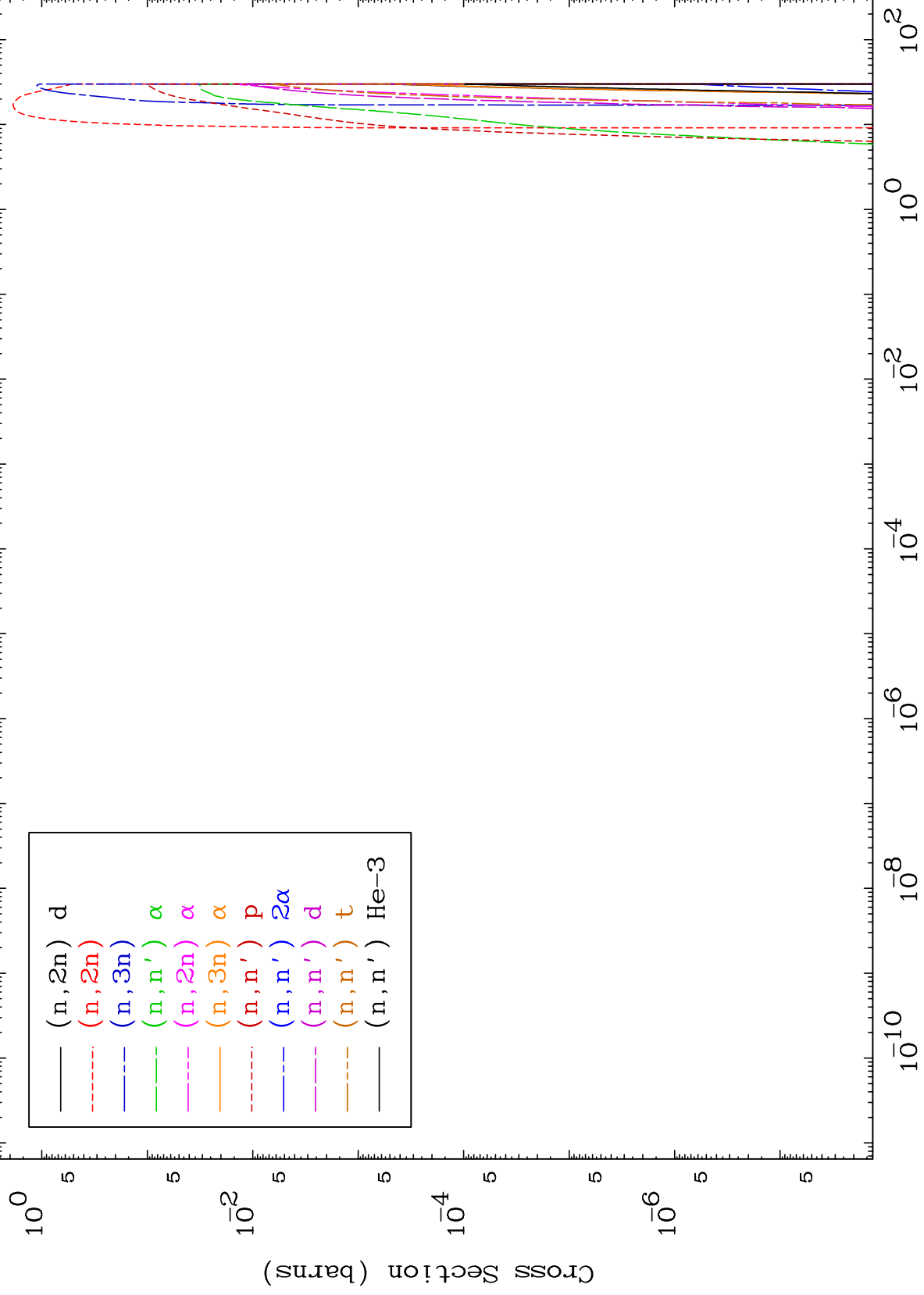
71-Lu-169



MAT 7107

Neutron Absorption
293 Kelvin Cross Sections

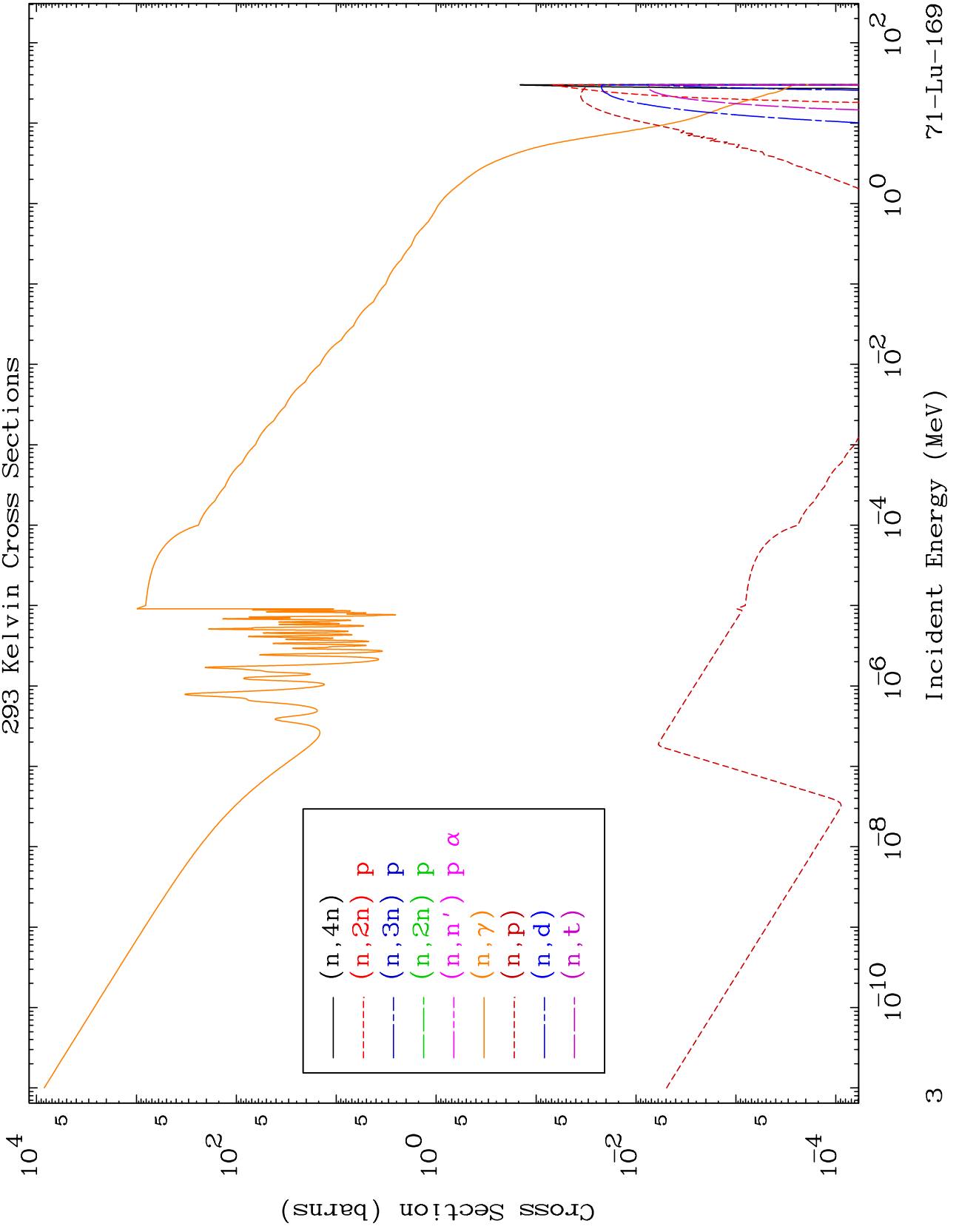
71-Lu-169



MAT 7107

Neutron Absorption
293 Kelvin Cross Sections

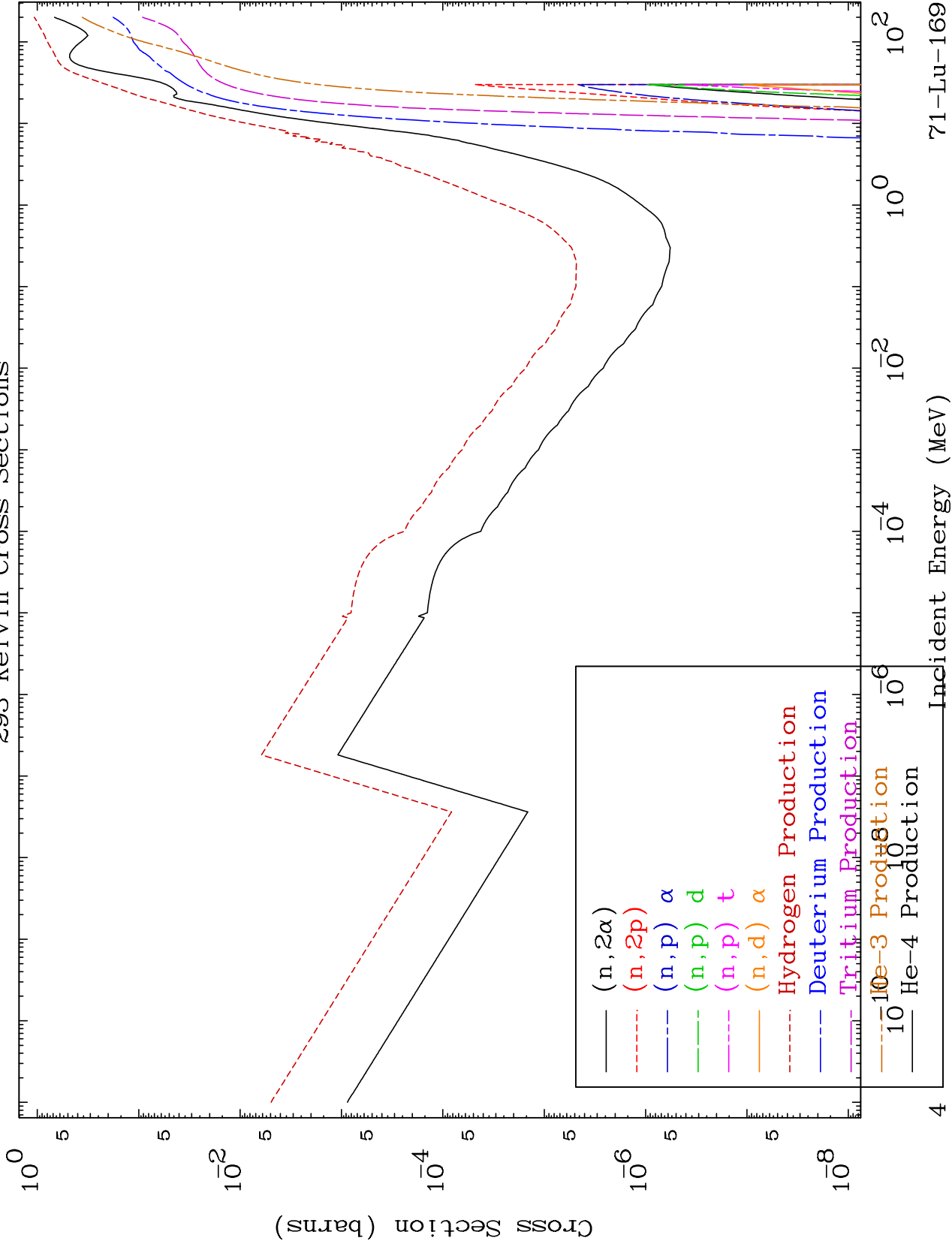
71-Lu-169



MAT 7107

Neutron Absorption
293 Kelvin Cross Sections

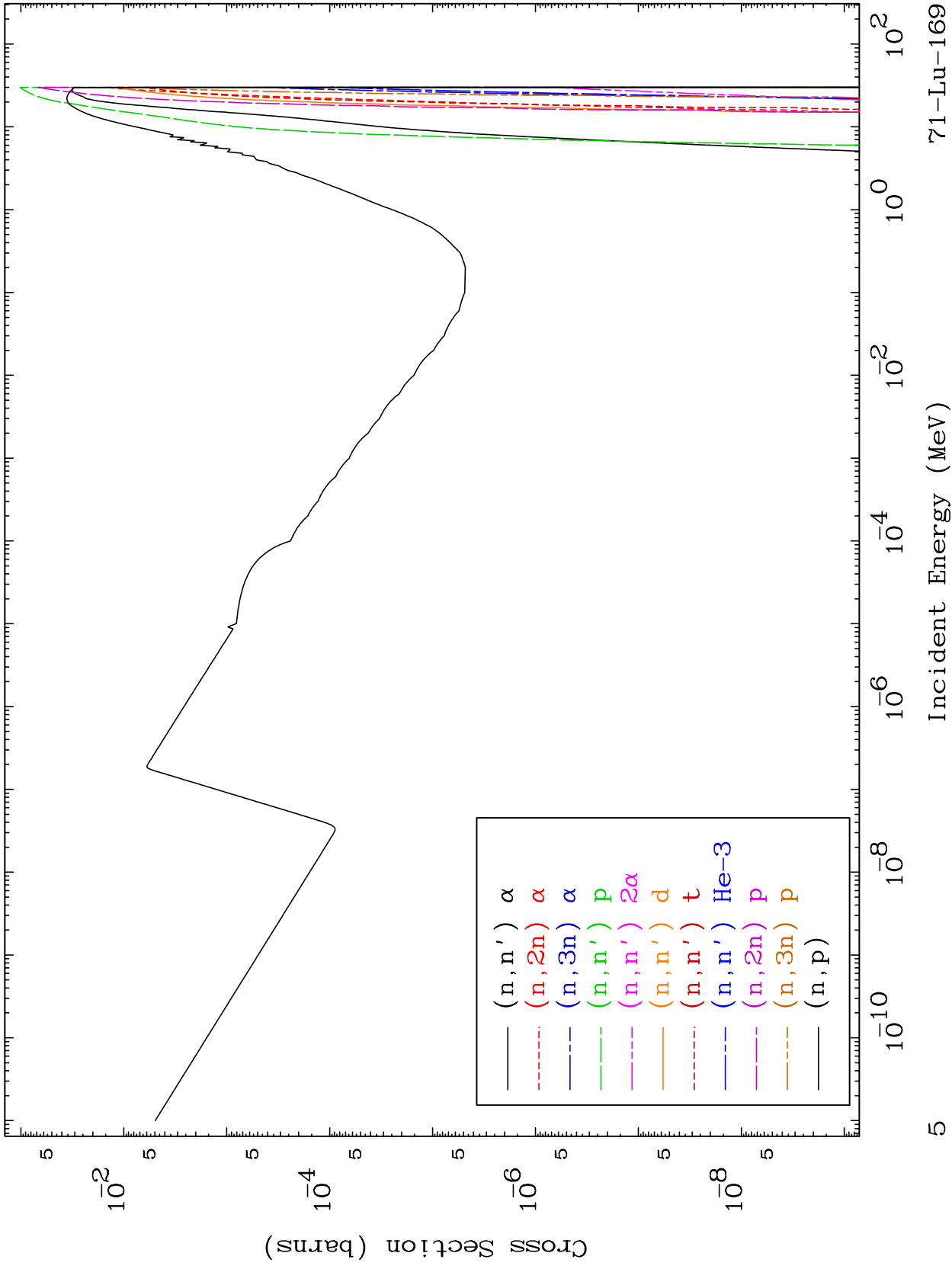
71-Lu-169



MAT 7107

Charged Particle
293 Kelvin Cross Sections

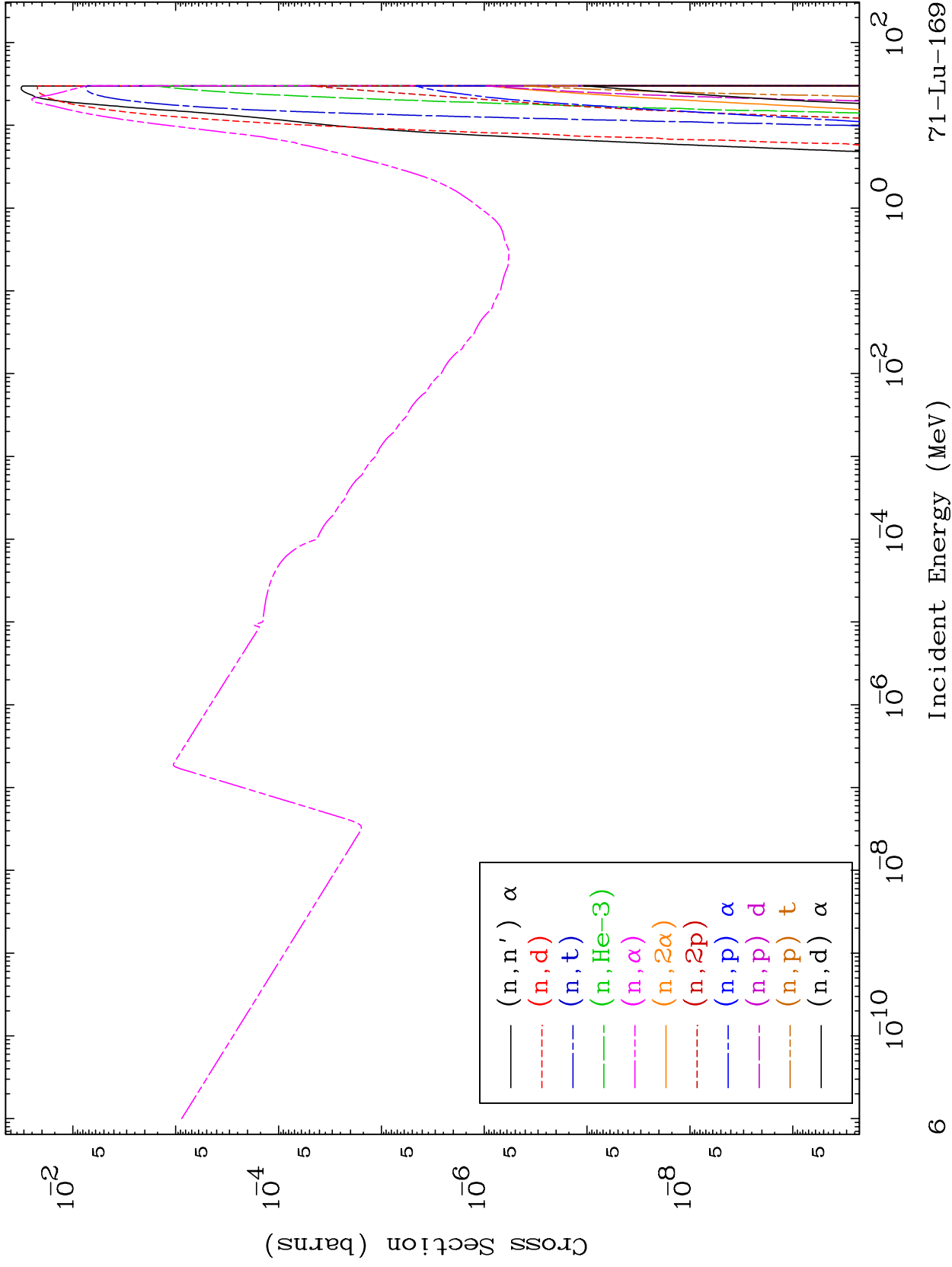
71-Lu-169



MAT 7107

Charged Particle
293 Kelvin Cross Sections

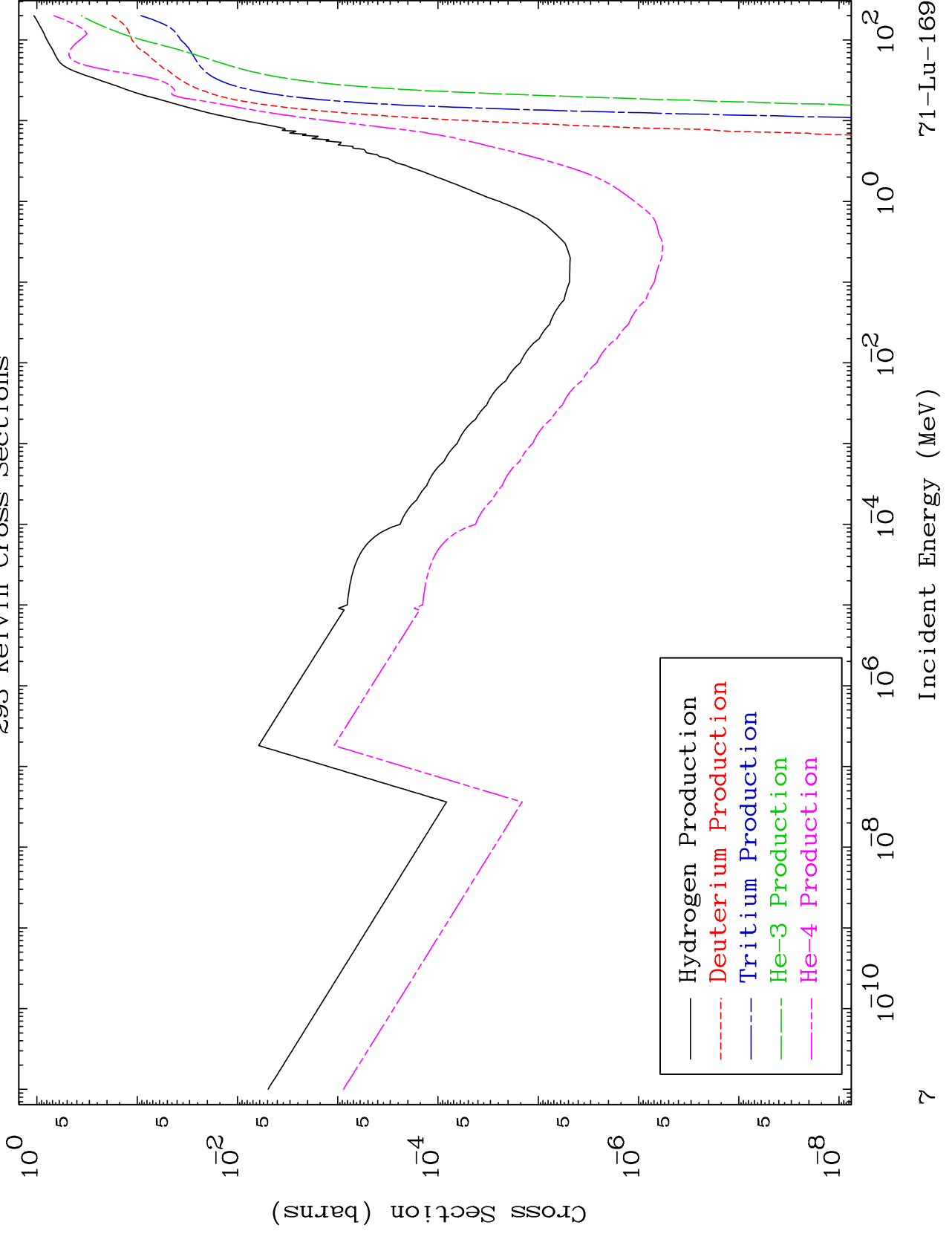
71-Lu-169

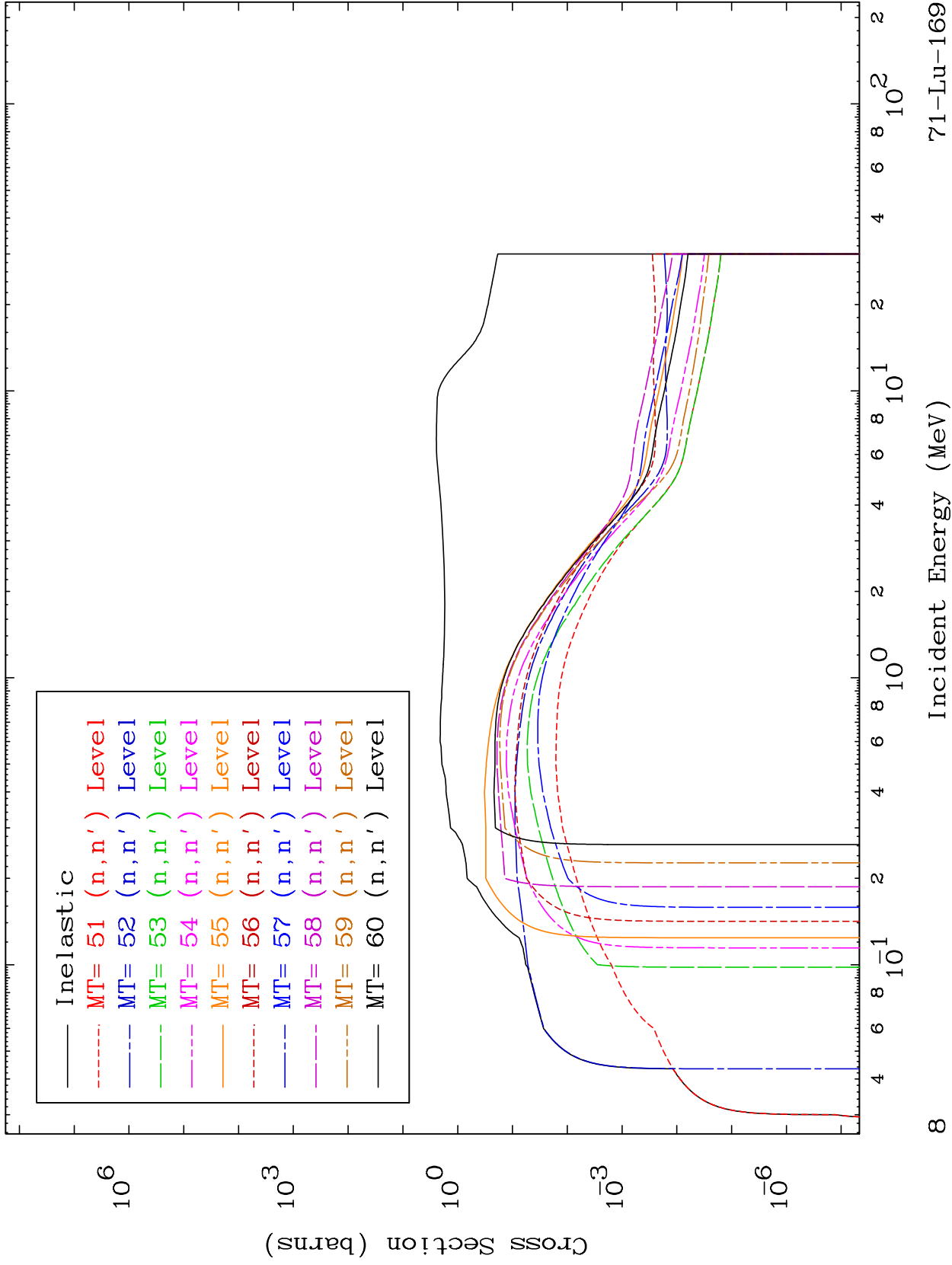


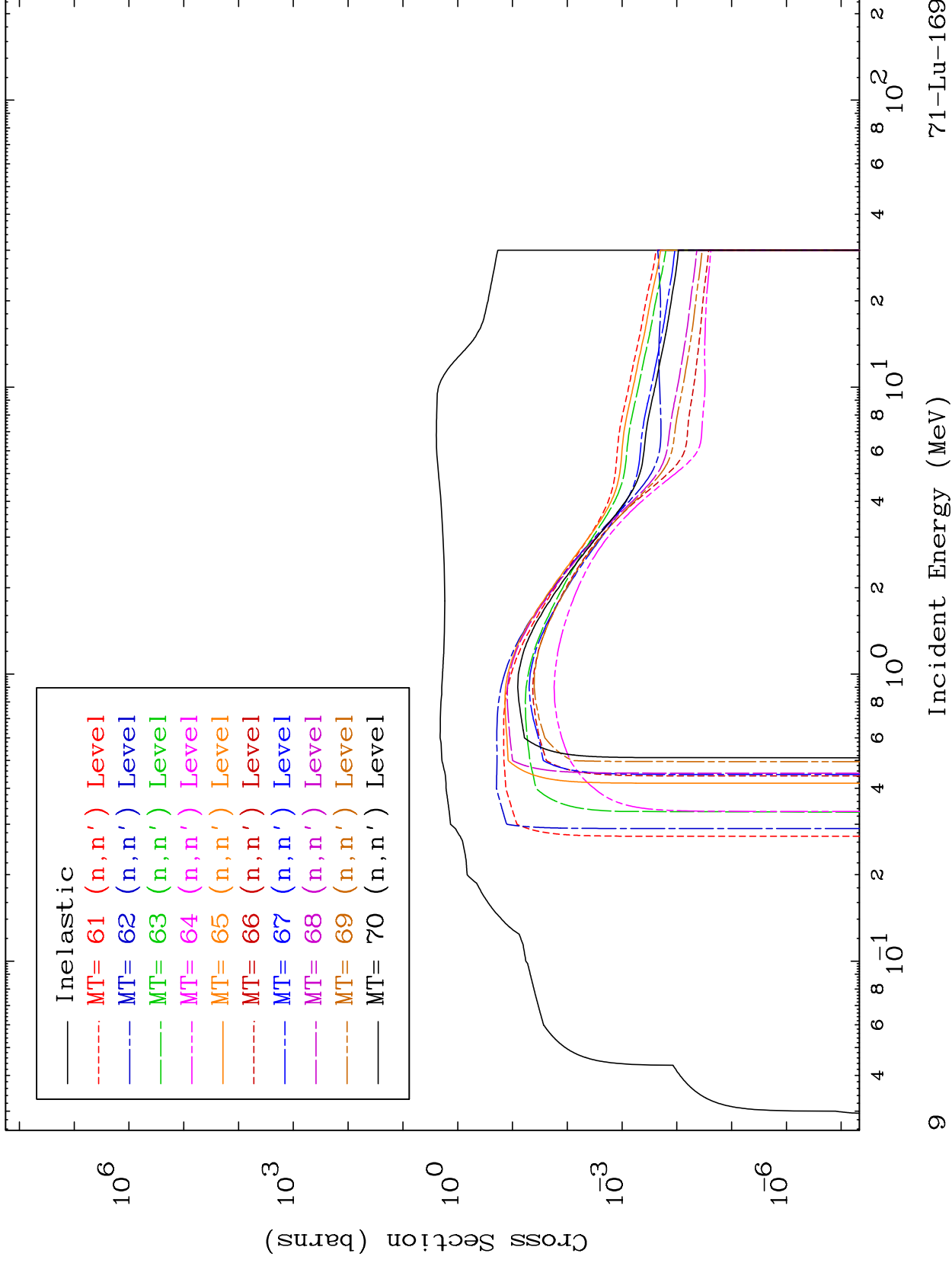
MAT 7107

Particle Production
293 Kelvin Cross Sections

71-Lu-169



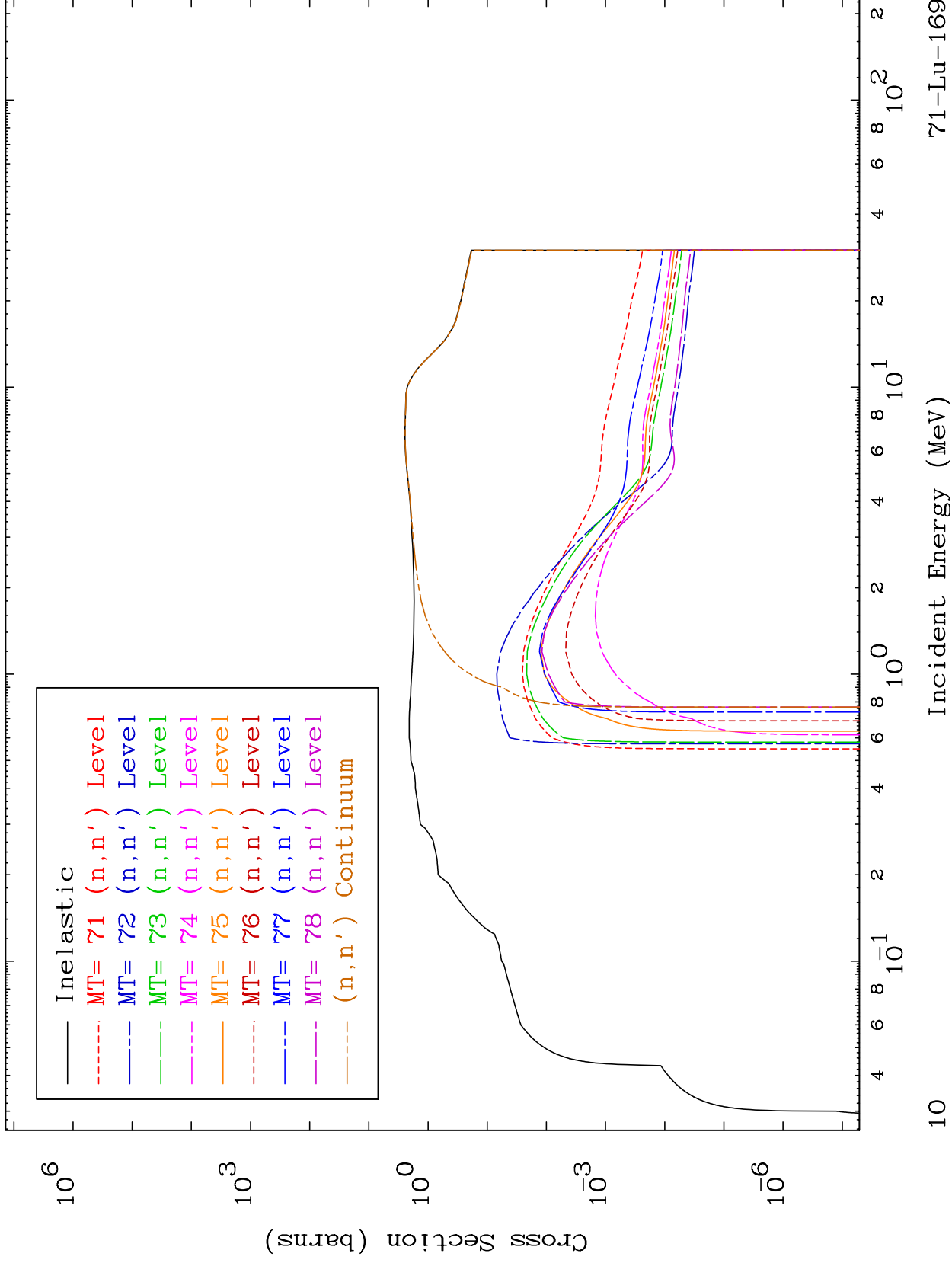




MAT 7107

(n,n') Levels
293 Kelvin Cross Sections

71-Lu-169



10

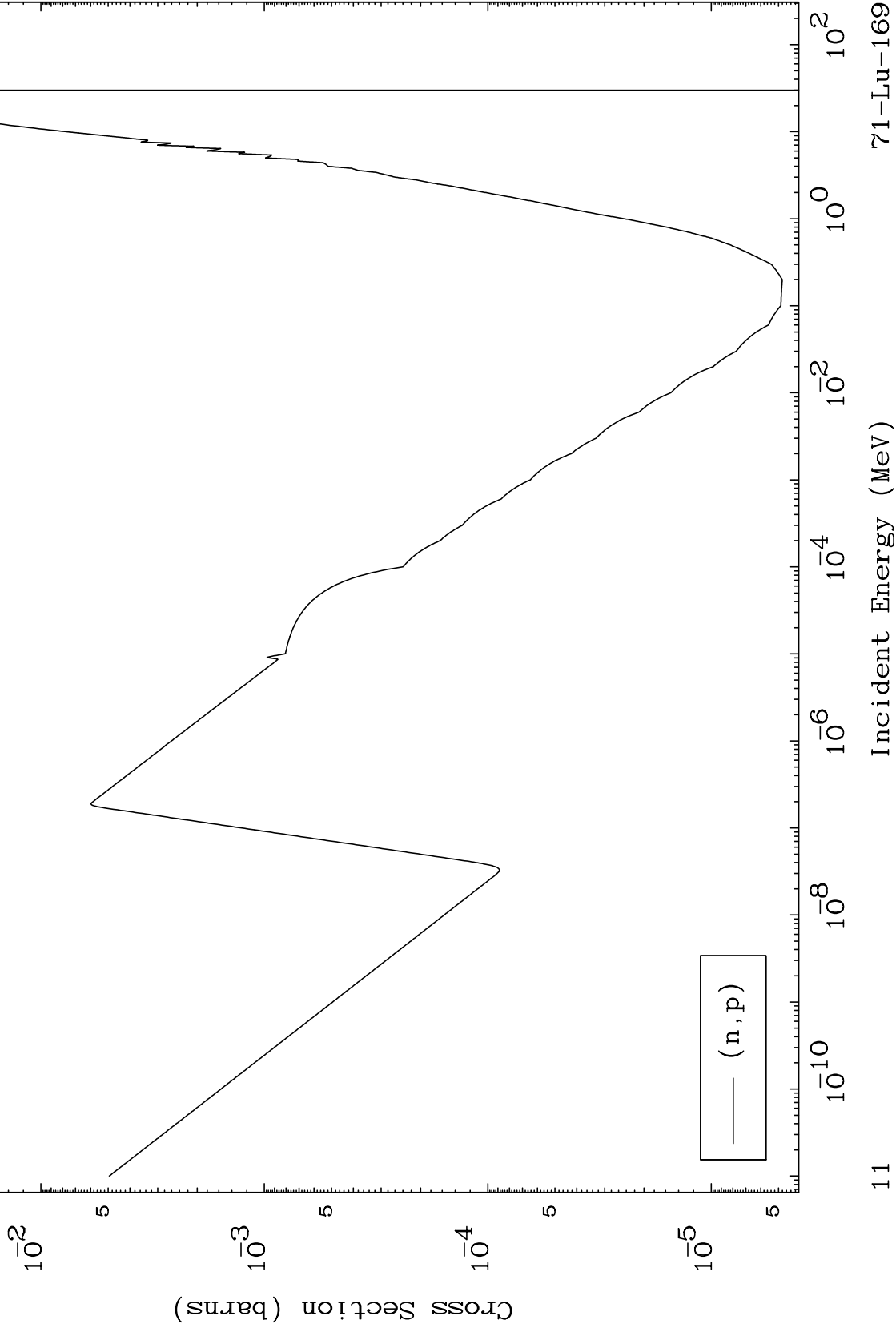
Incident Energy (MeV)

71-Lu-169

MAT 7107

(n,p) Levels
293 Kelvin Cross Sections

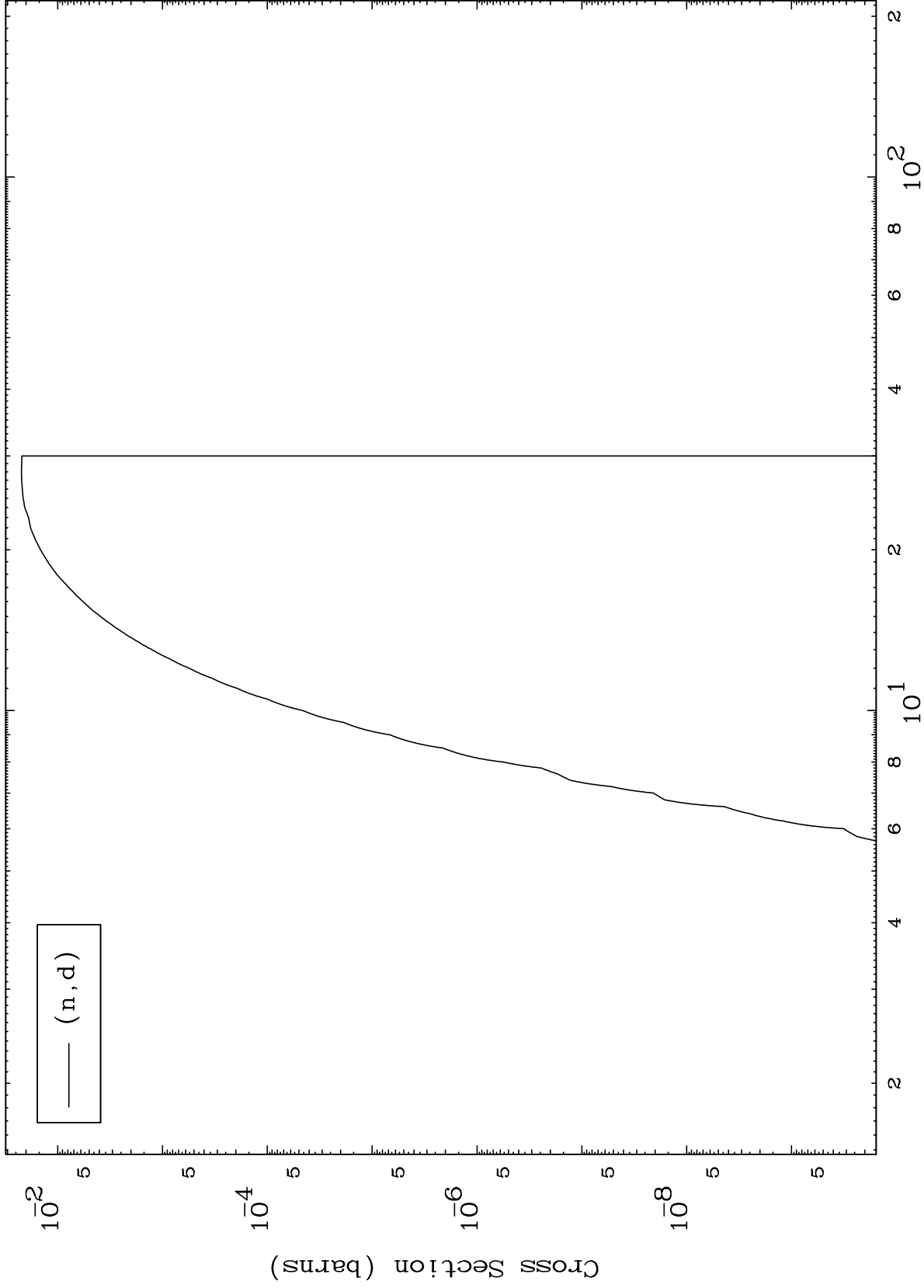
71-Lu-169



MAT 7107

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-169



12

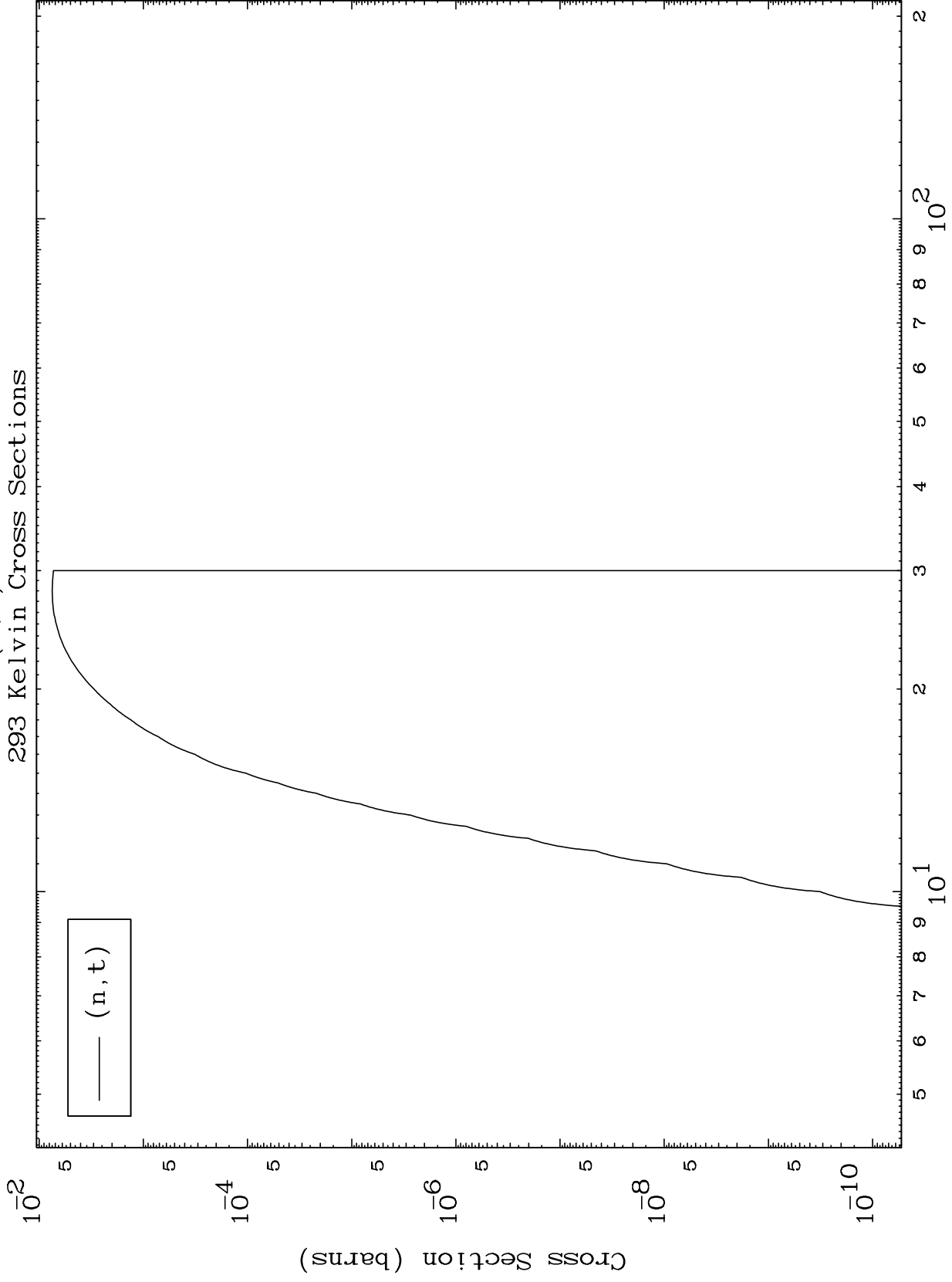
Incident Energy (MeV)

71-Lu-169

MAT 7107

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-169



13

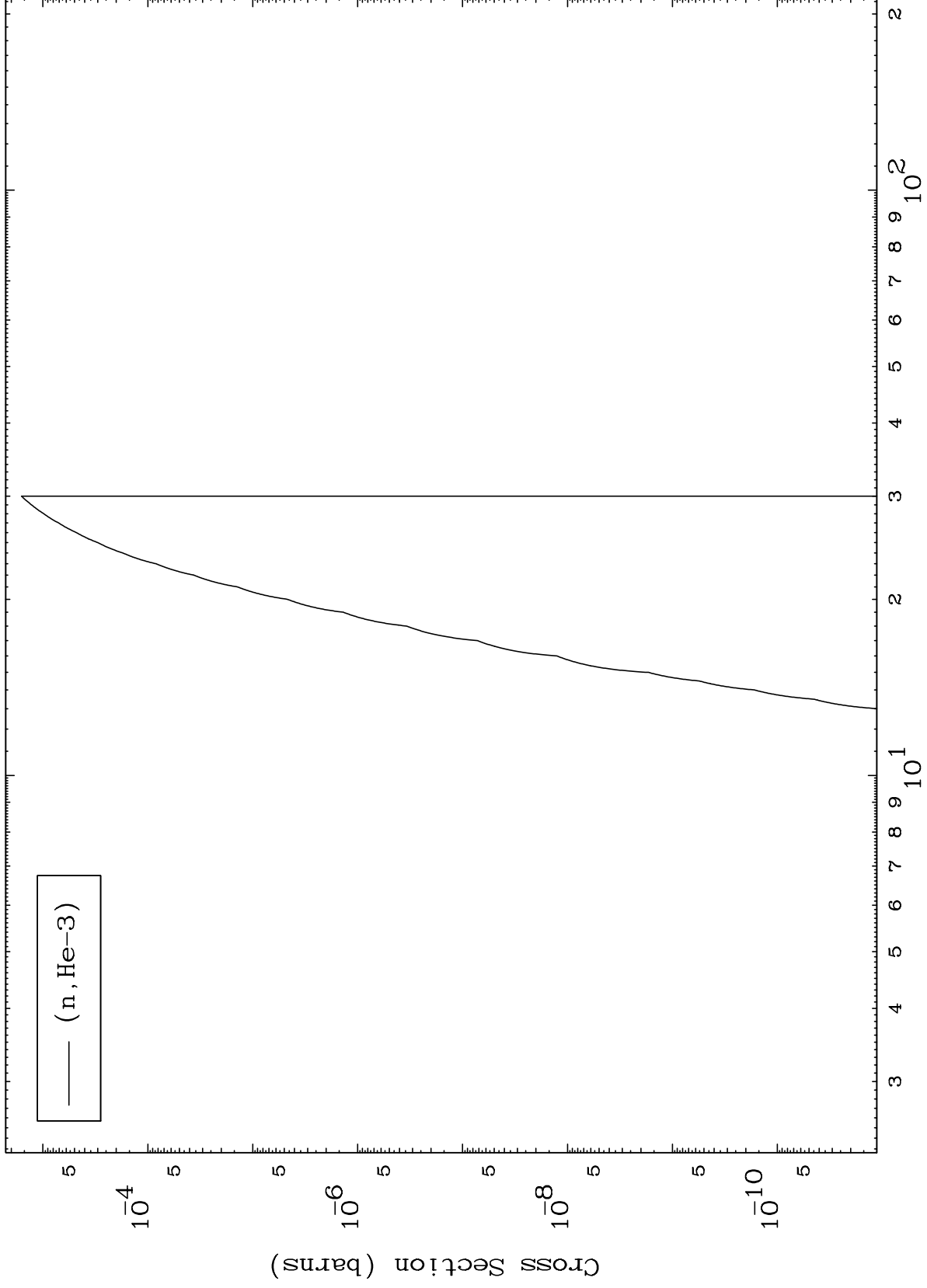
Incident Energy (MeV)

71-Lu-169

MAT 7107

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-169



14

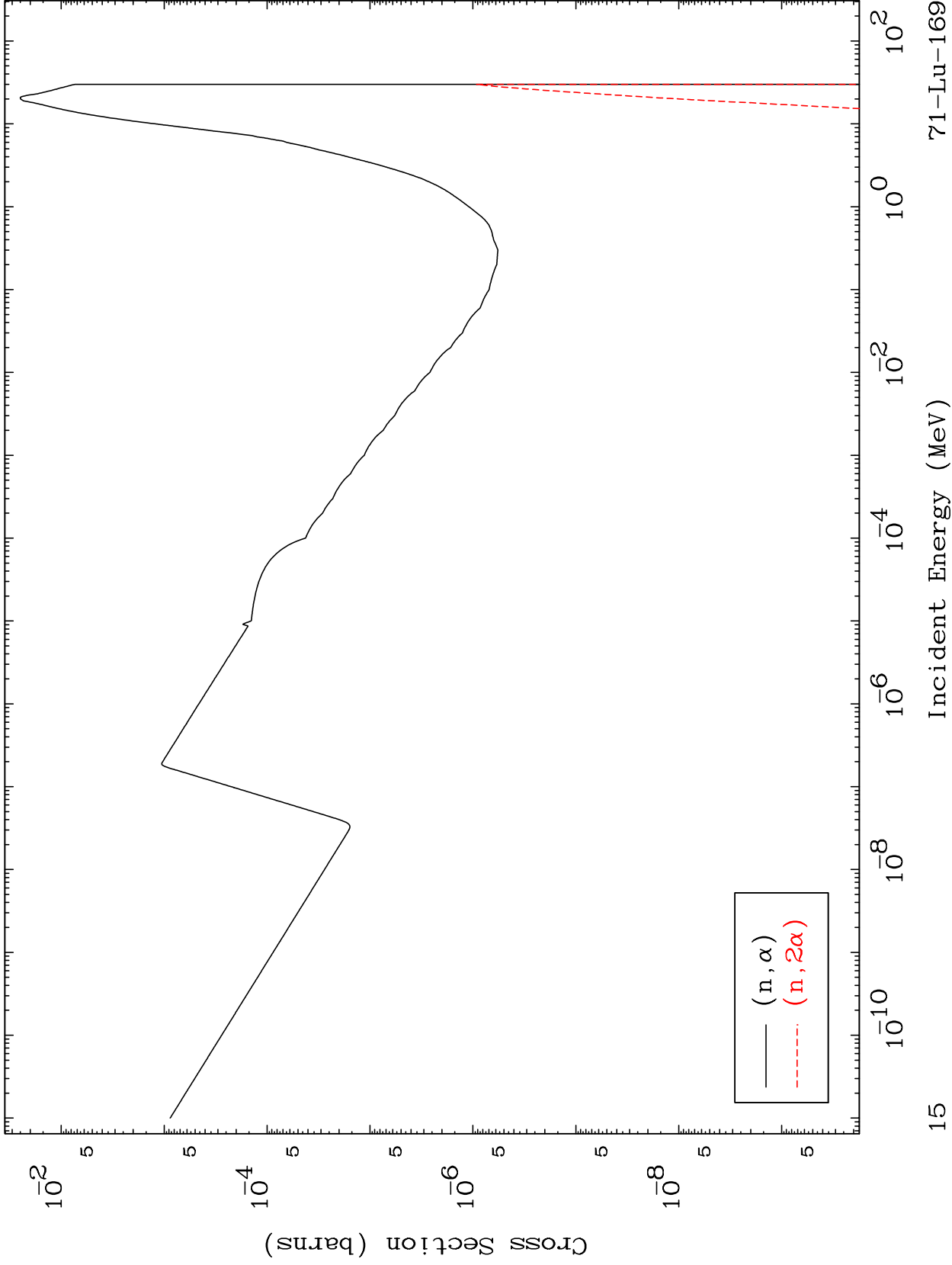
Incident Energy (MeV)

71-Lu-169

MAT 7107

(n,α) Levels
293 Kelvin Cross Sections

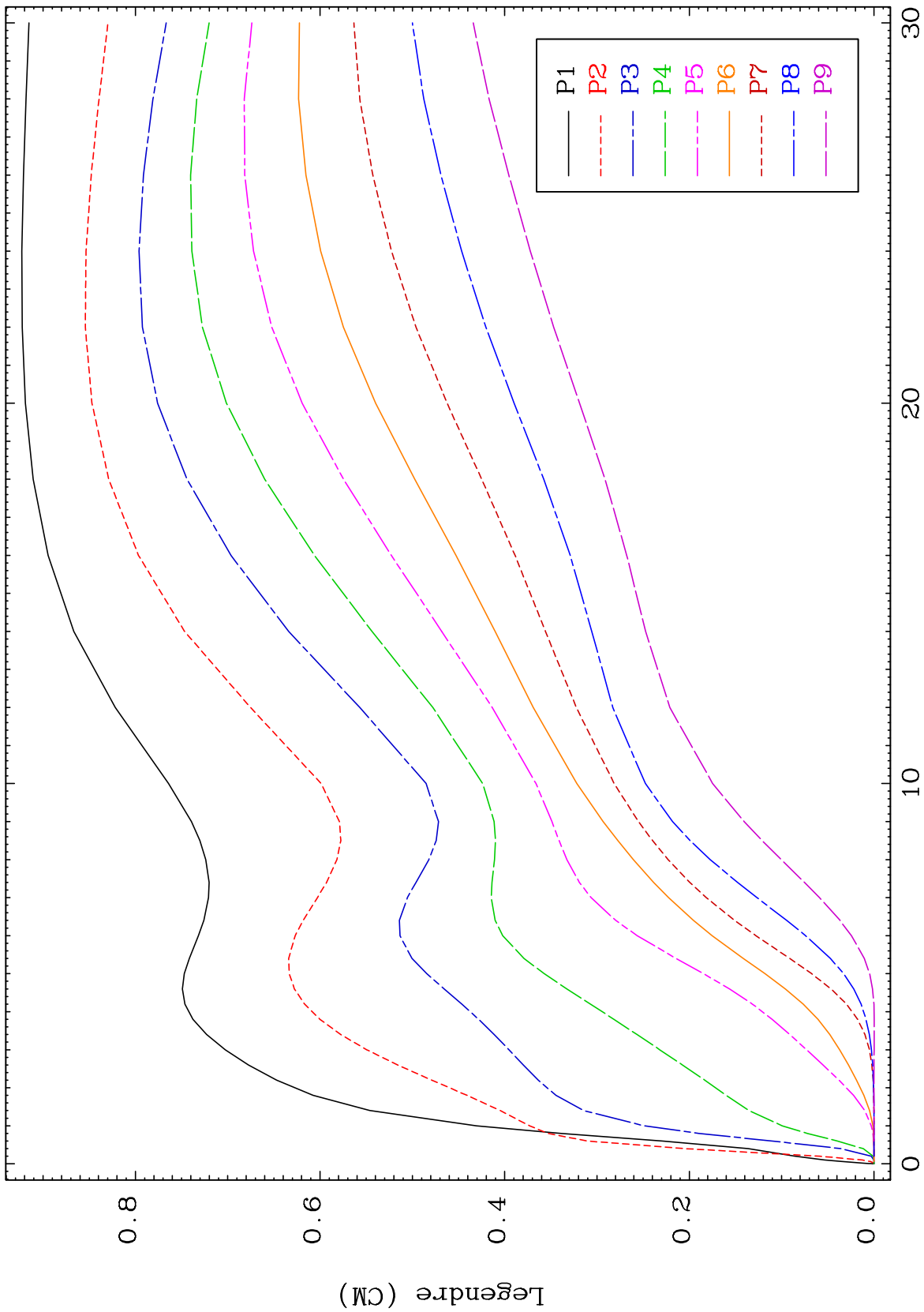
71-Lu-169



MAT 7107

71-Lu-169

Elastic Legendre Coefficients



16

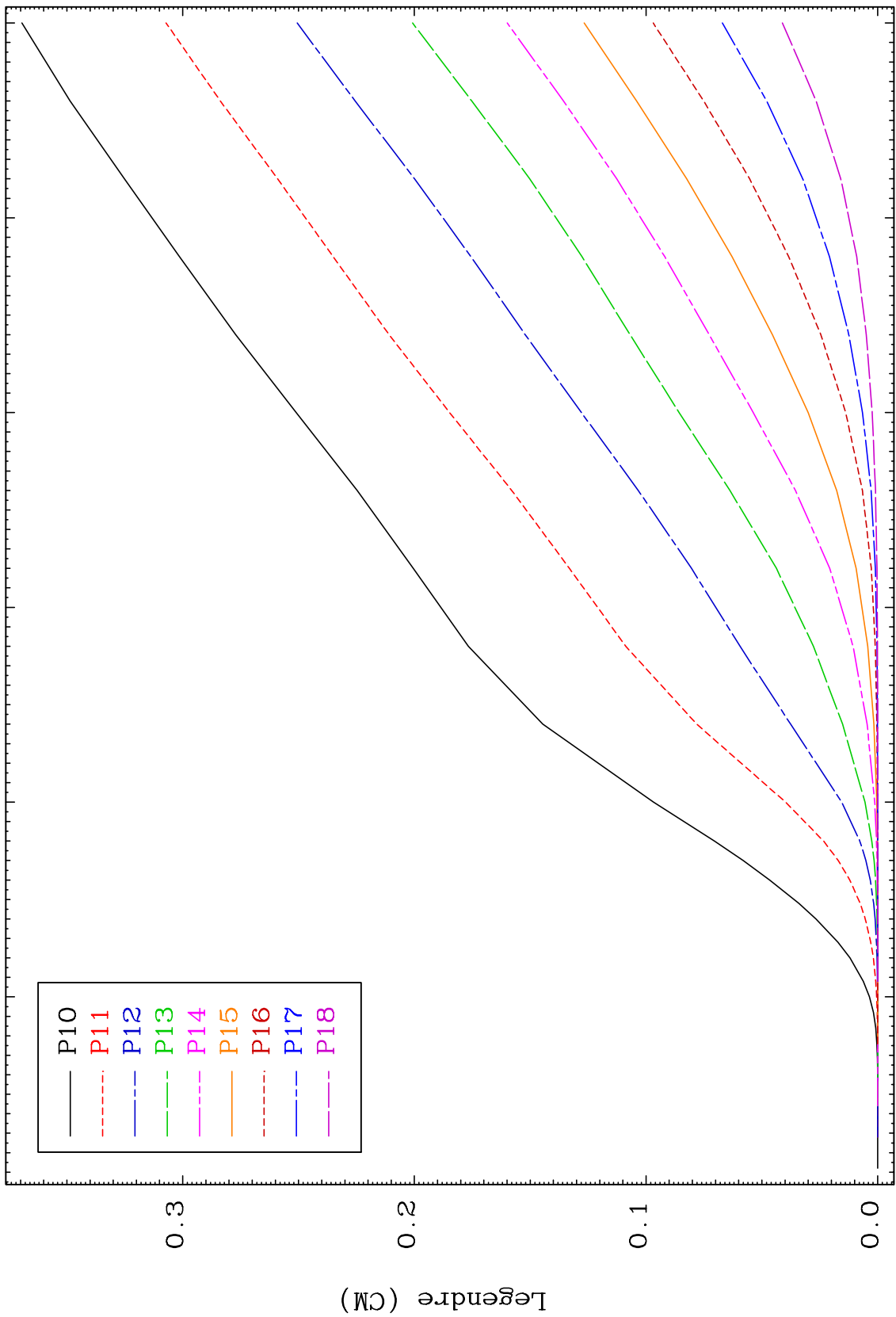
Incident Energy (MeV)

71-Lu-169

MAT 7107

Elastic Legendre Coefficients

⁷¹Lu-169



17

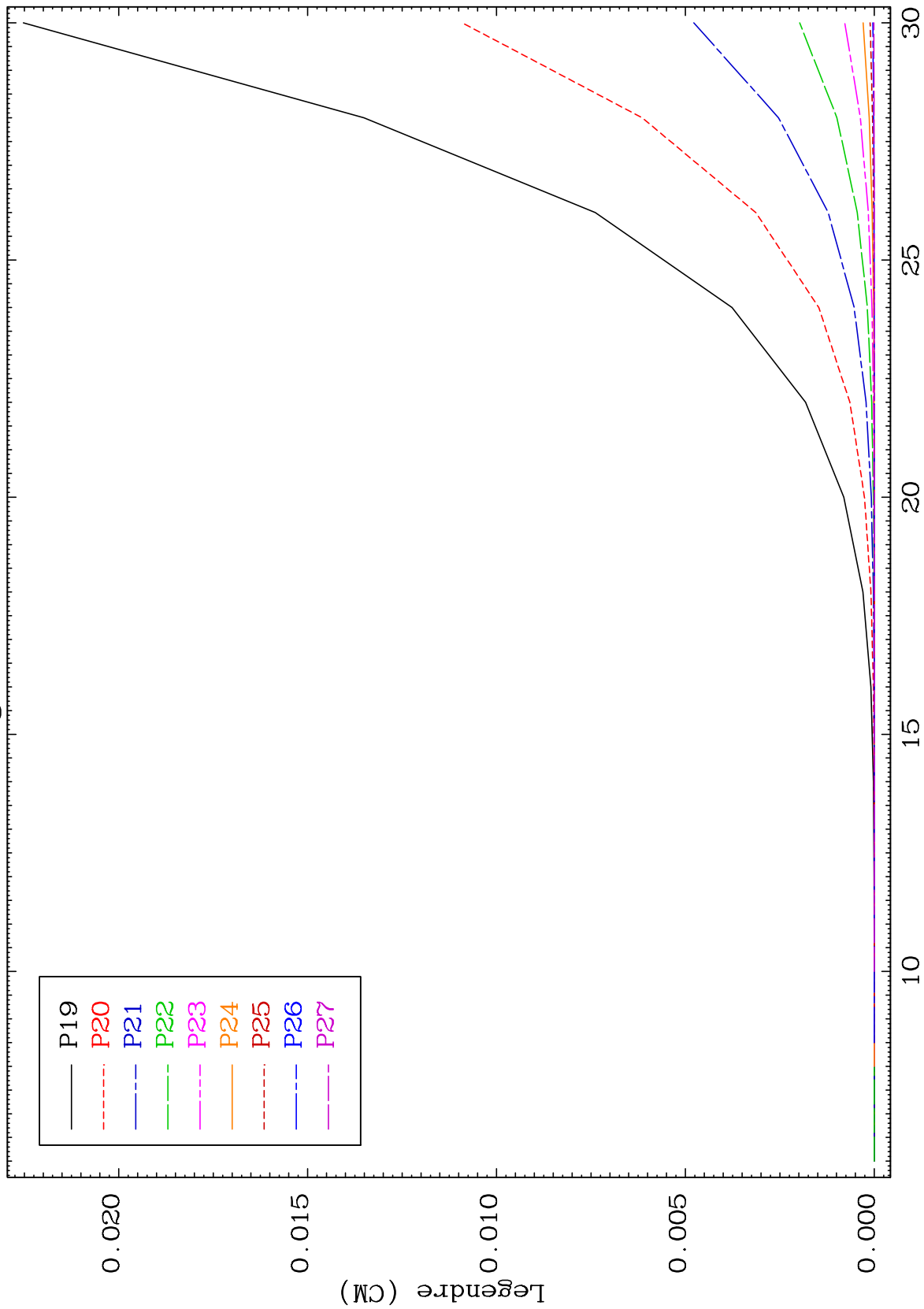
Incident Energy (MeV)

⁷¹Lu-169

MAT 7107

Elastic Legendre Coefficients

71-Lu-169



18

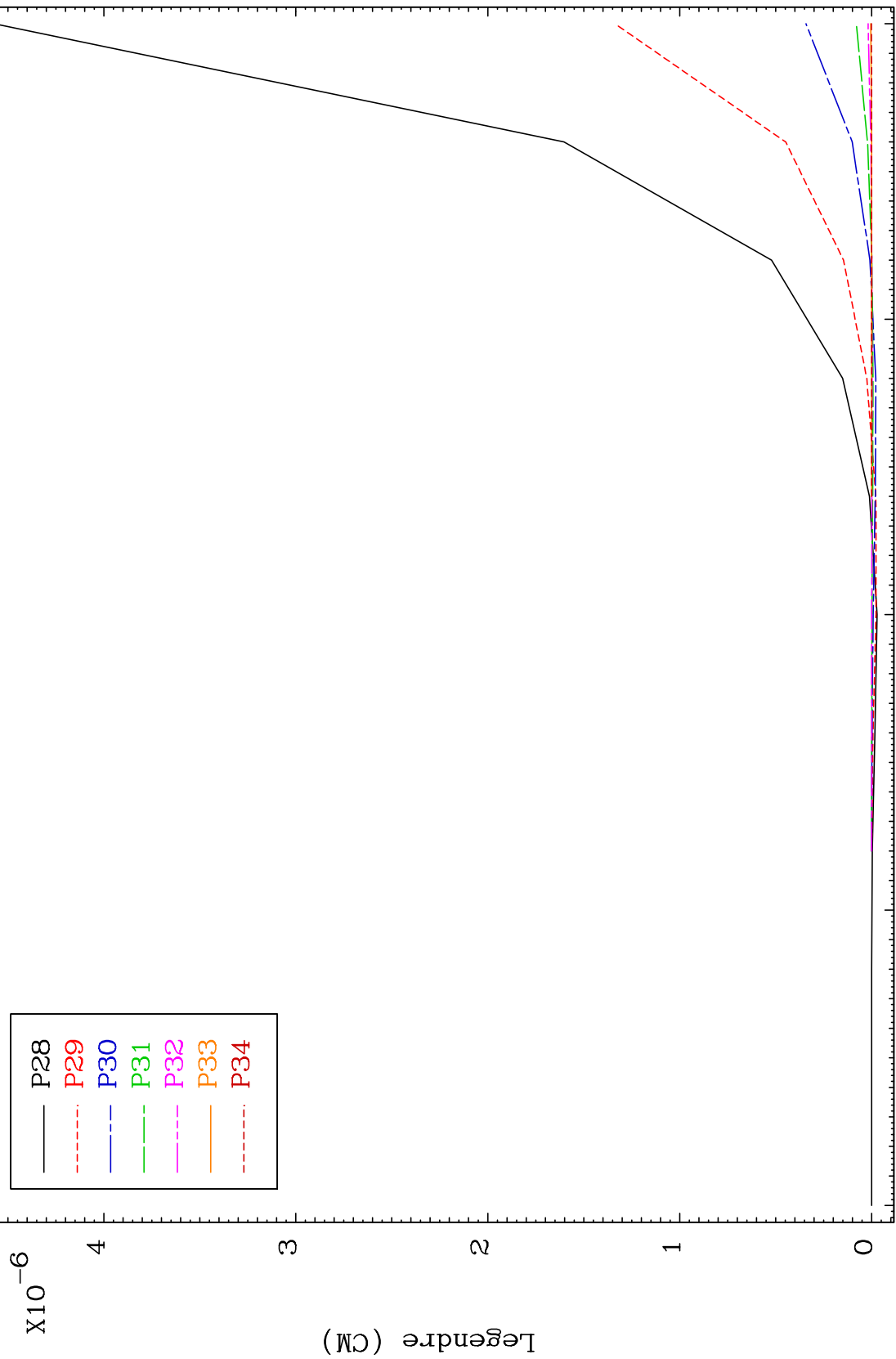
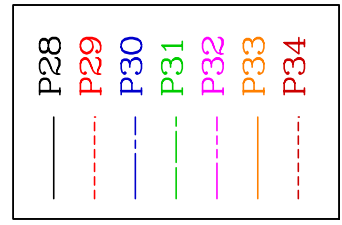
Incident Energy (MeV)

71-Lu-169

MAT 7107

Elastic Legendre Coefficients

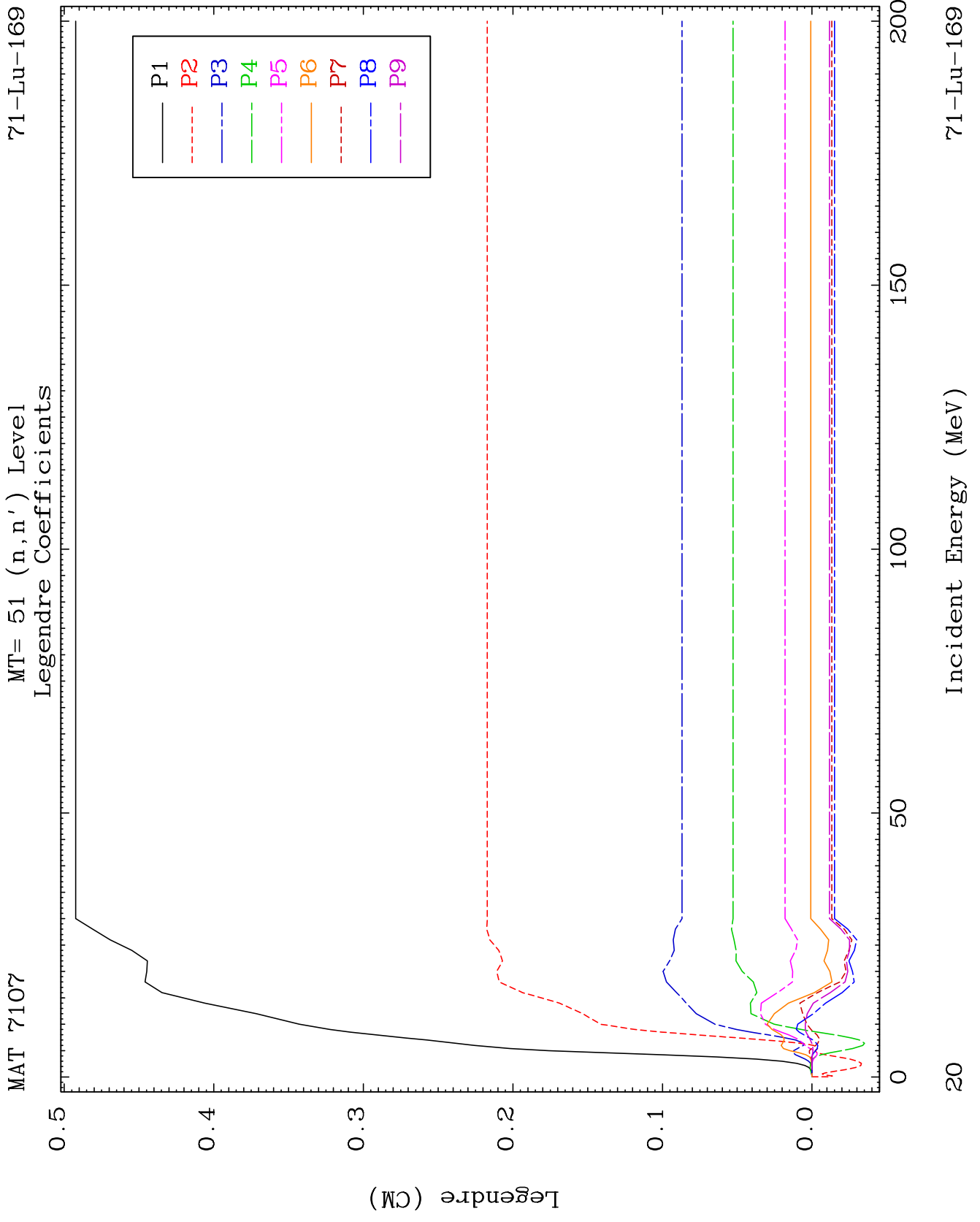
71-Lu-169



19

Incident Energy (MeV)

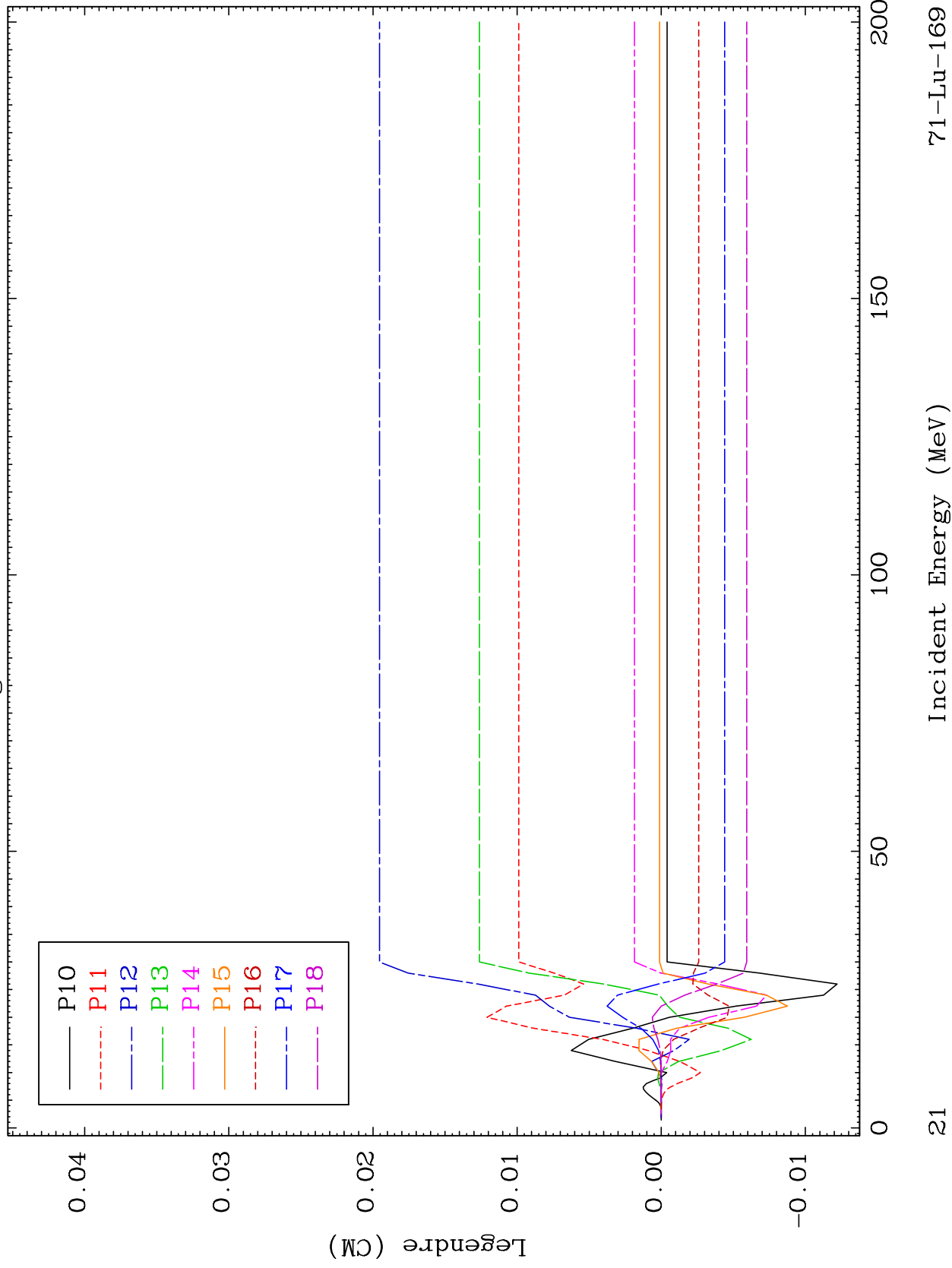
71-Lu-169



MAT 7107

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

71-Lu-169



21

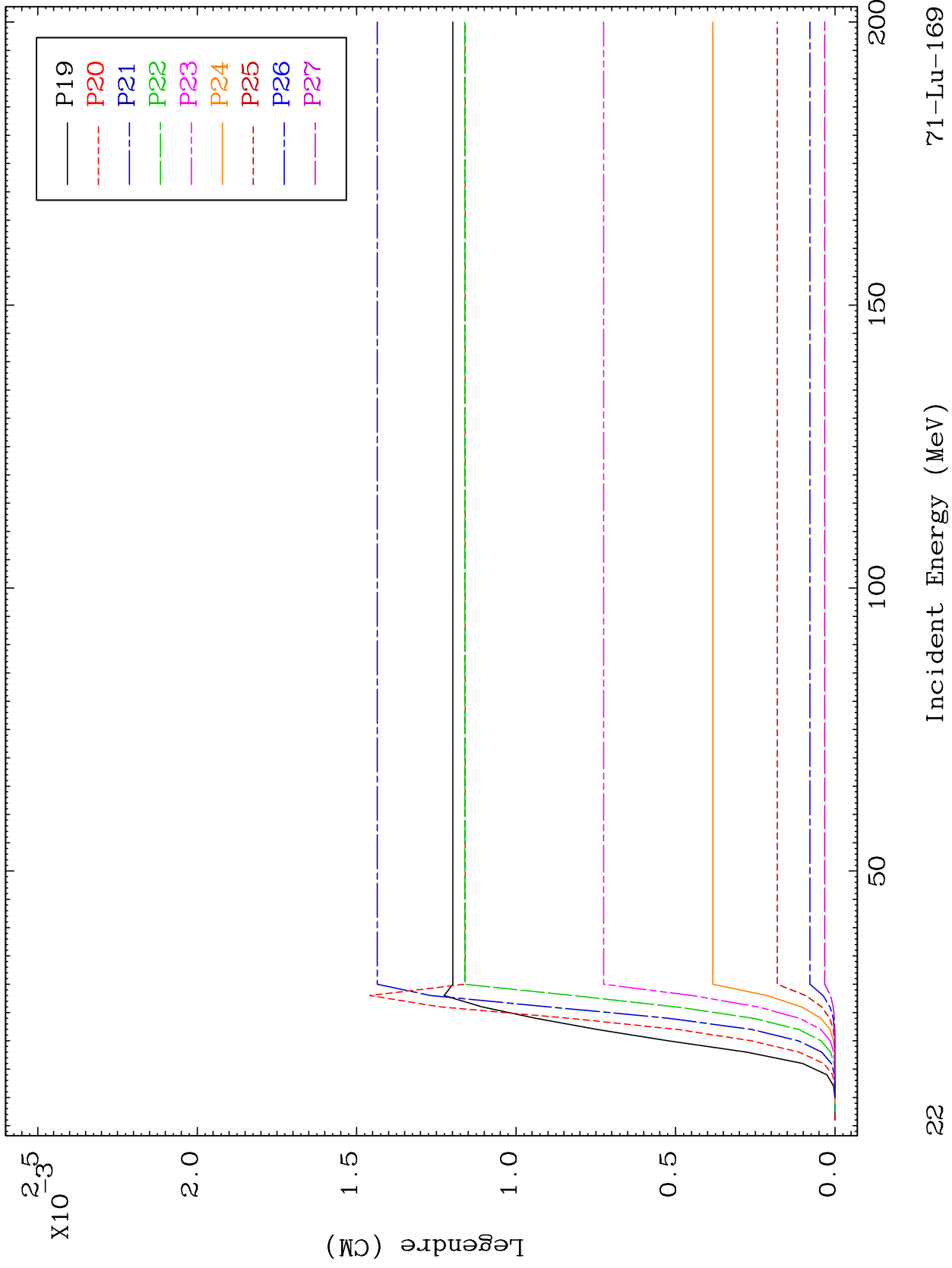
Incident Energy (MeV)

71-Lu-169

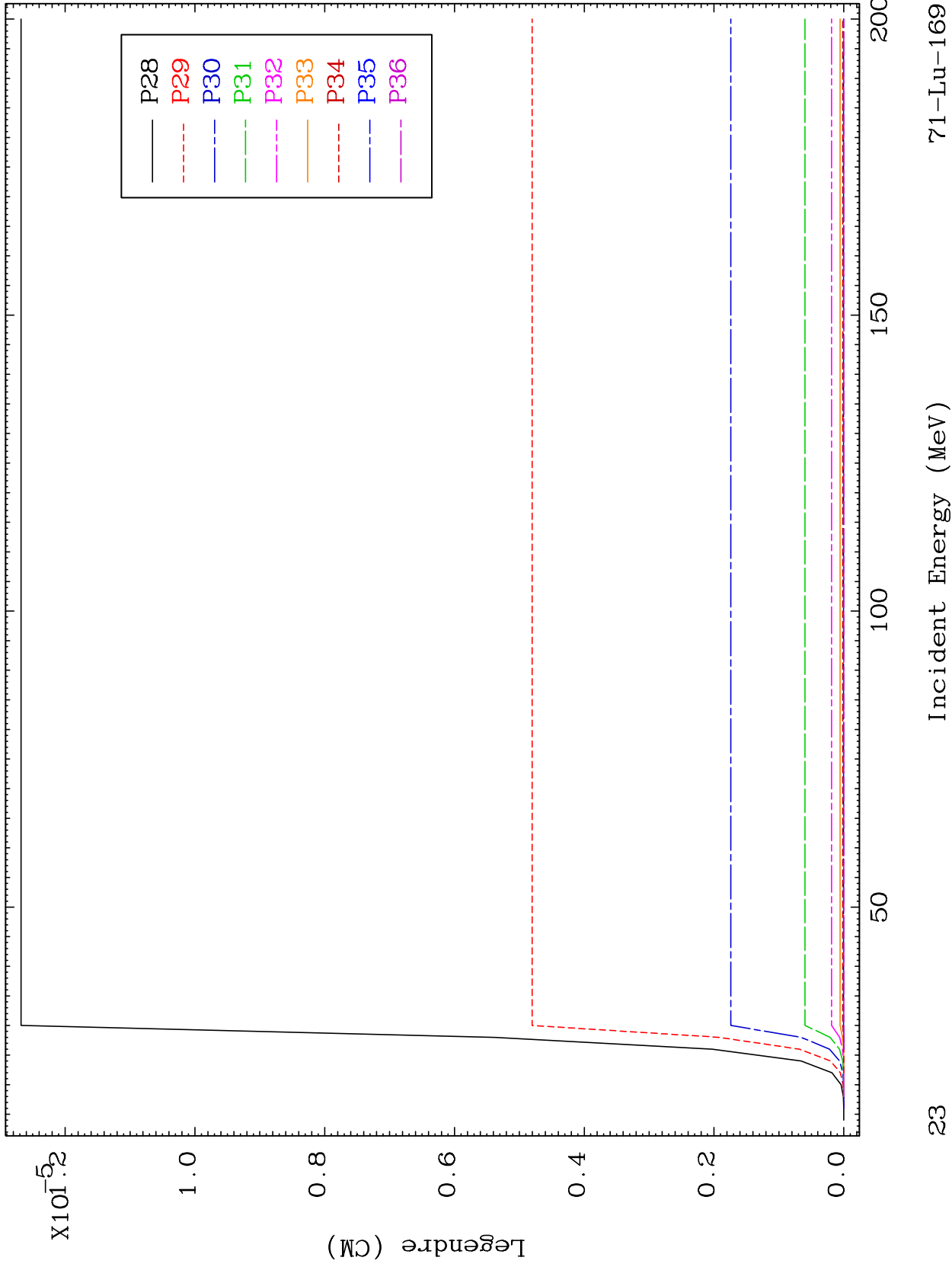
MAT 7107

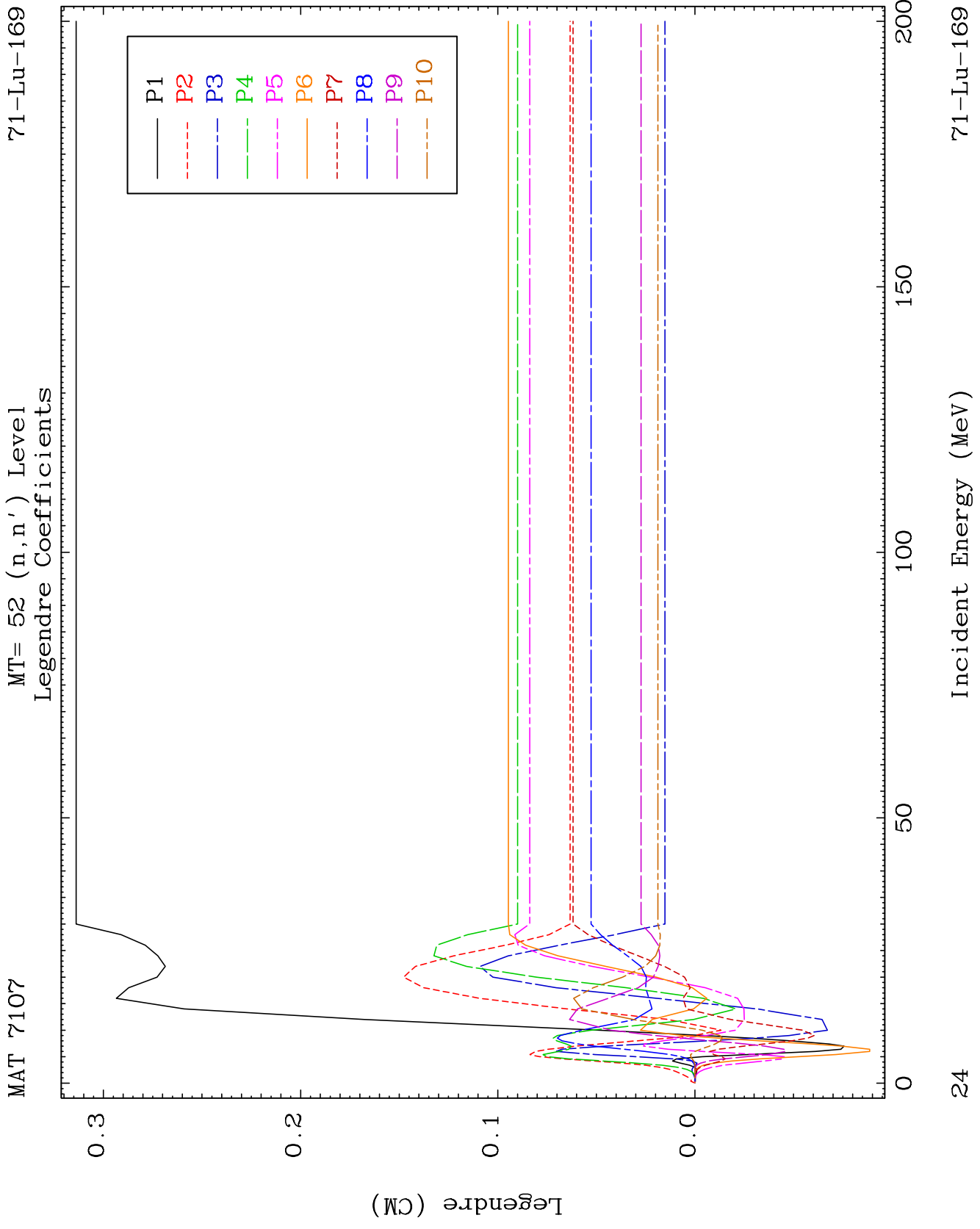
MT= 51 (n,n') Level
Legendre Coefficients

71-Lu-169



22

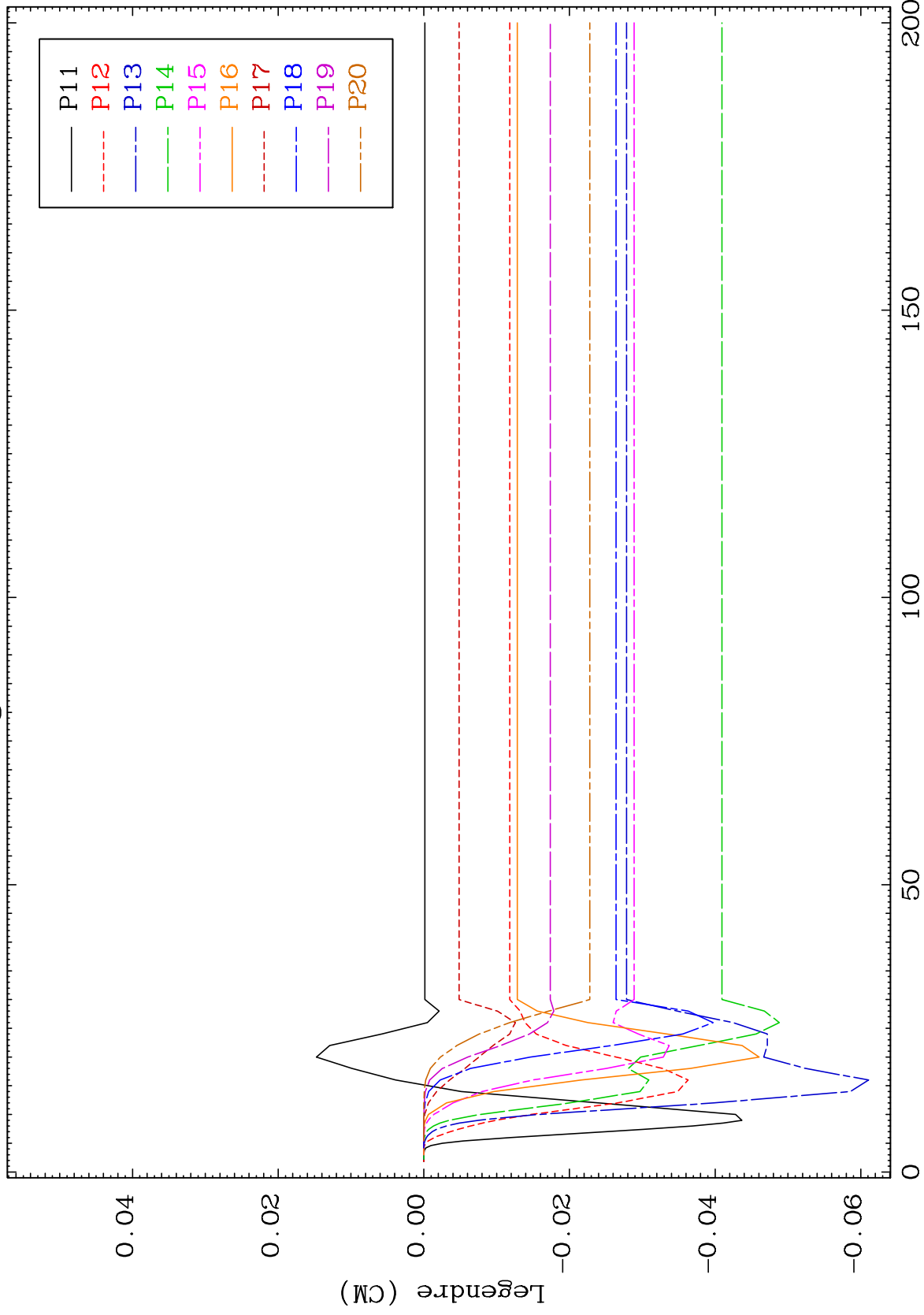




MAT 7107

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

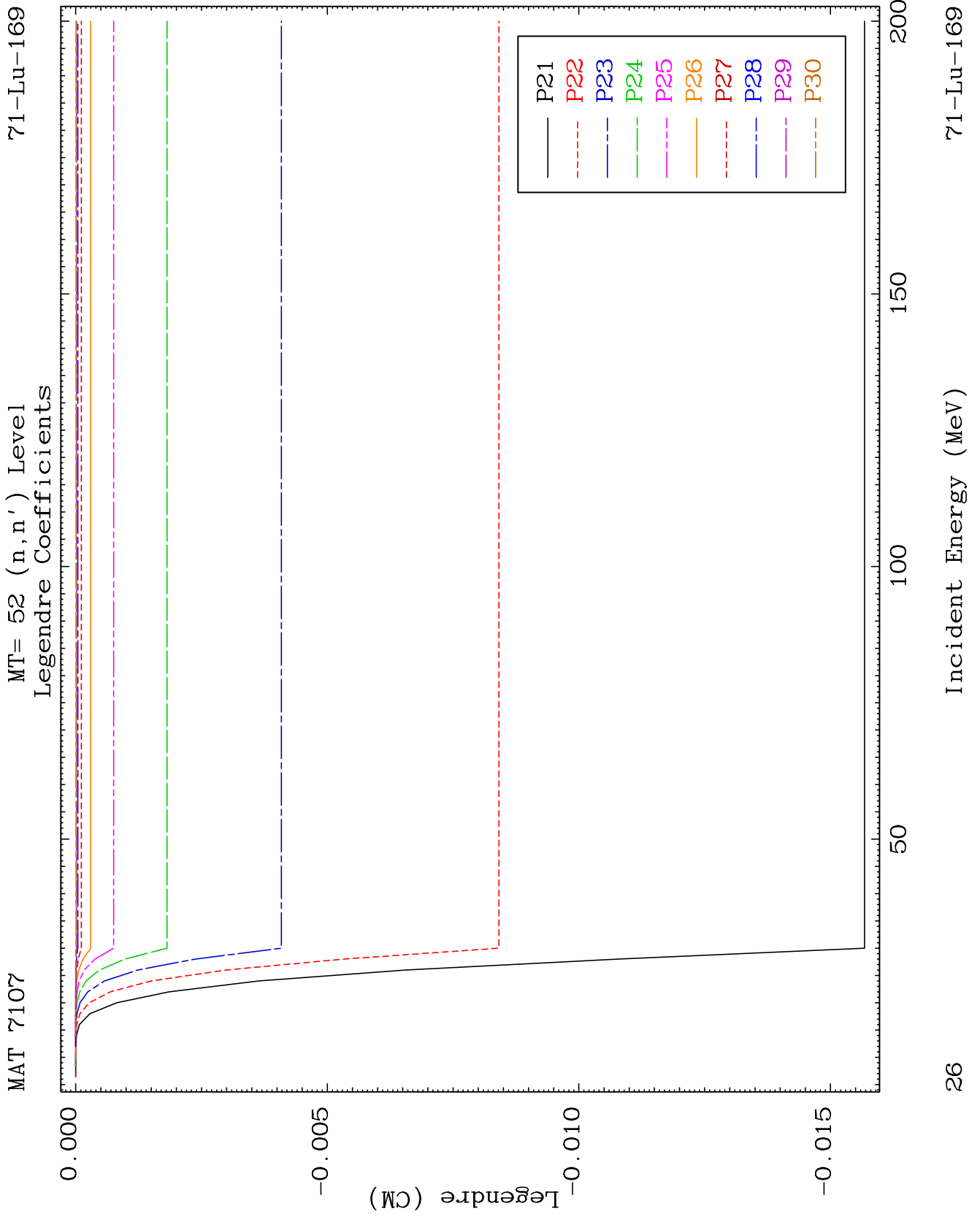
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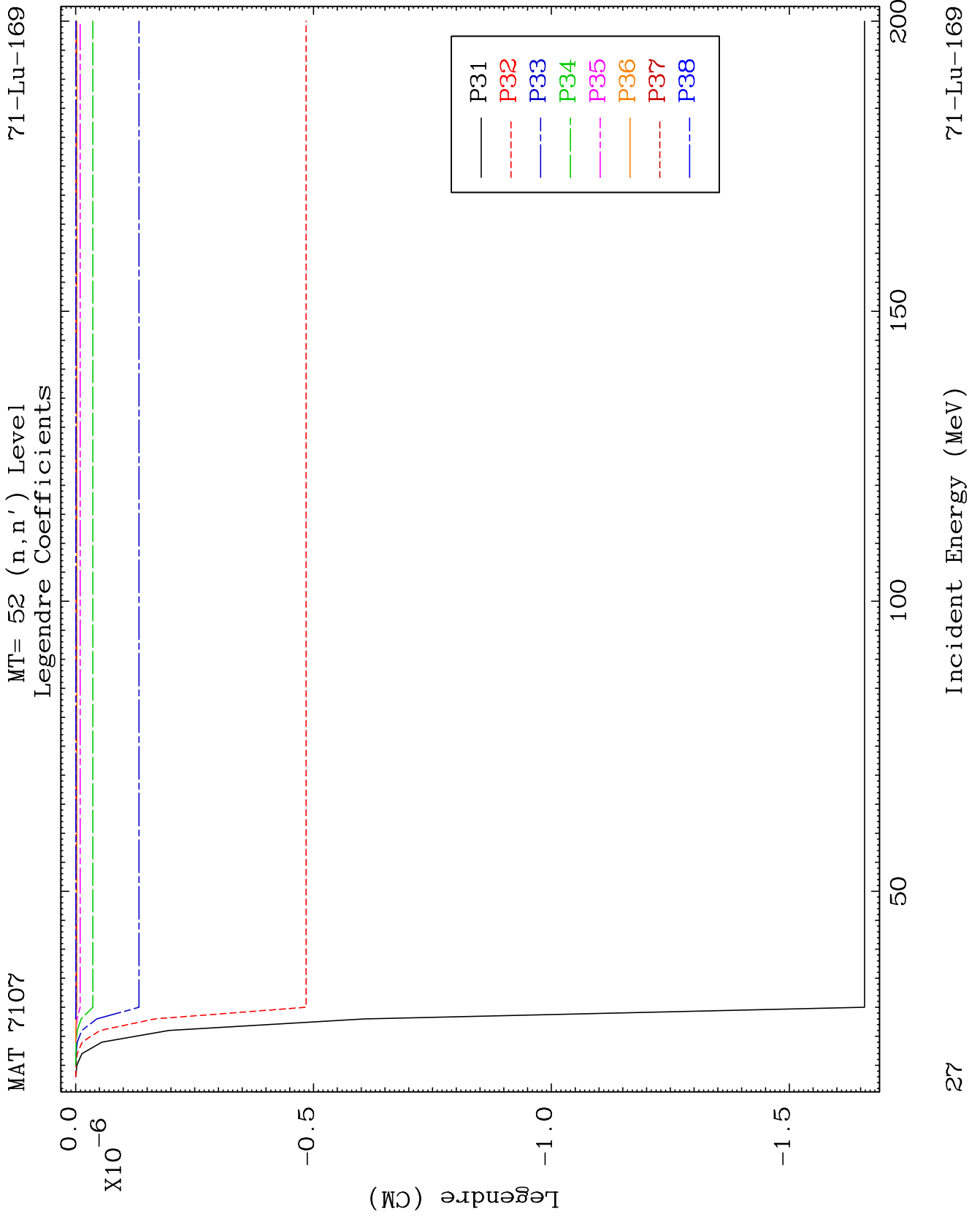


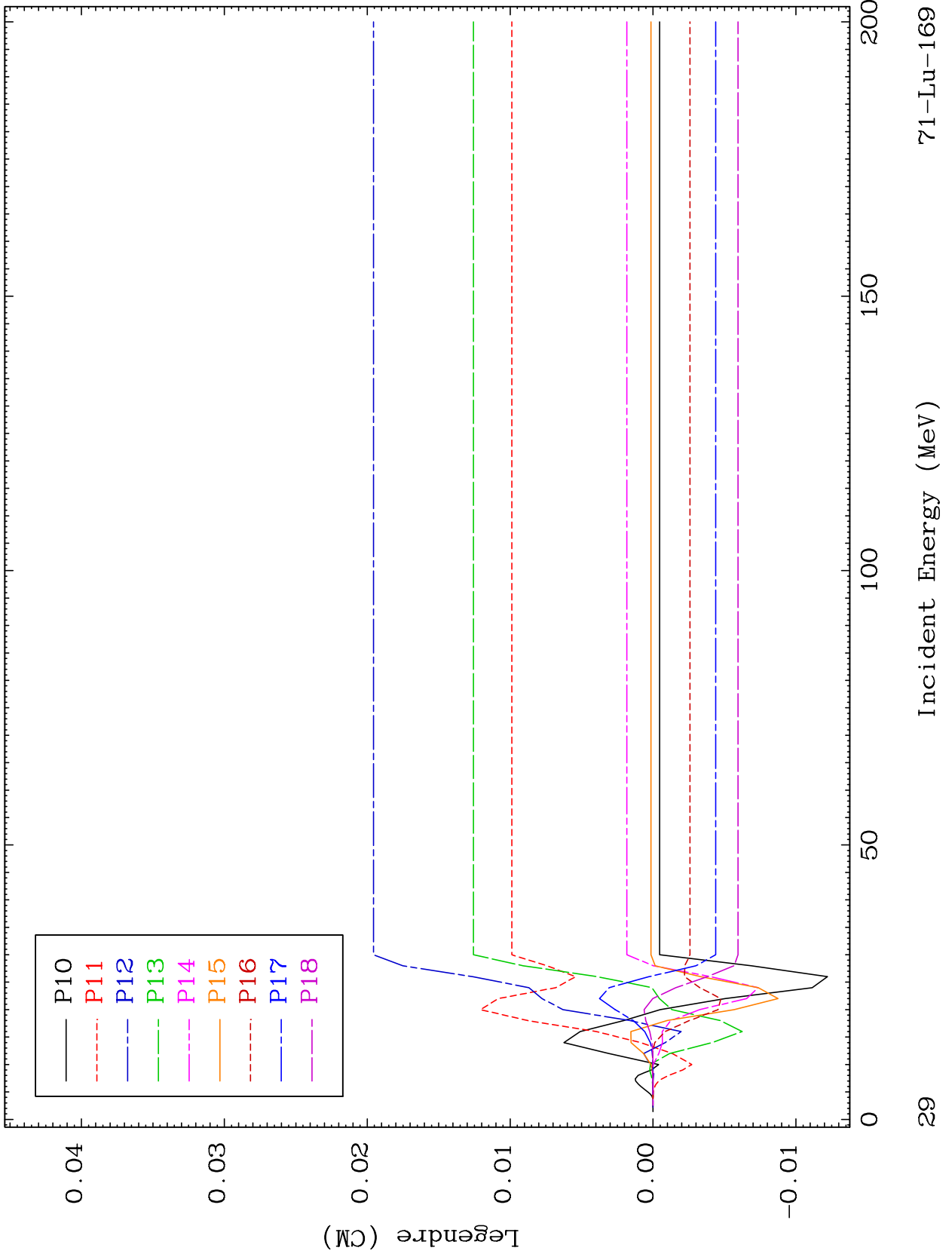
71-Lu-169

Incident Energy (MeV)

25



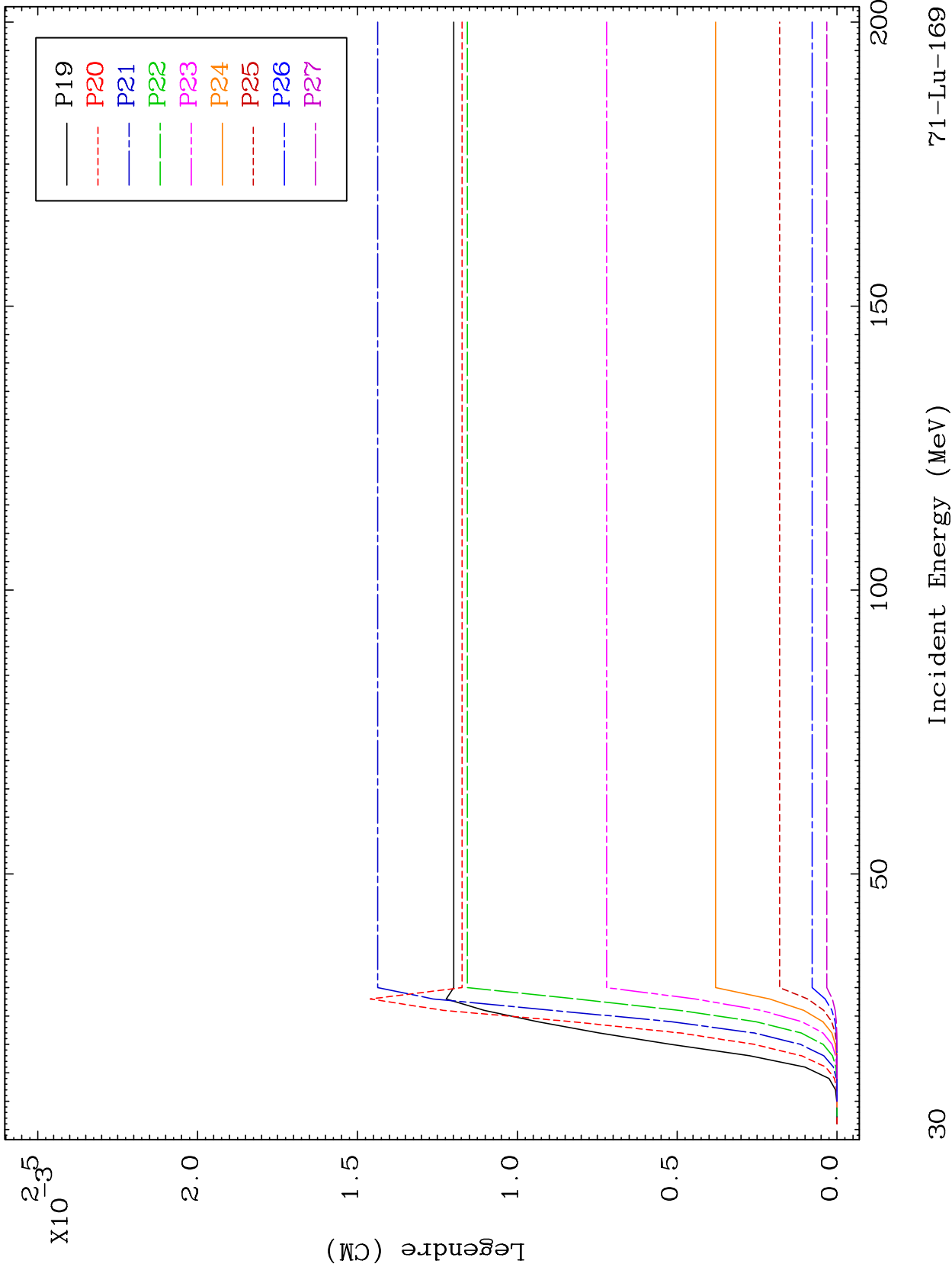




MAT 7107

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

71-Lu-169



71-Lu-169

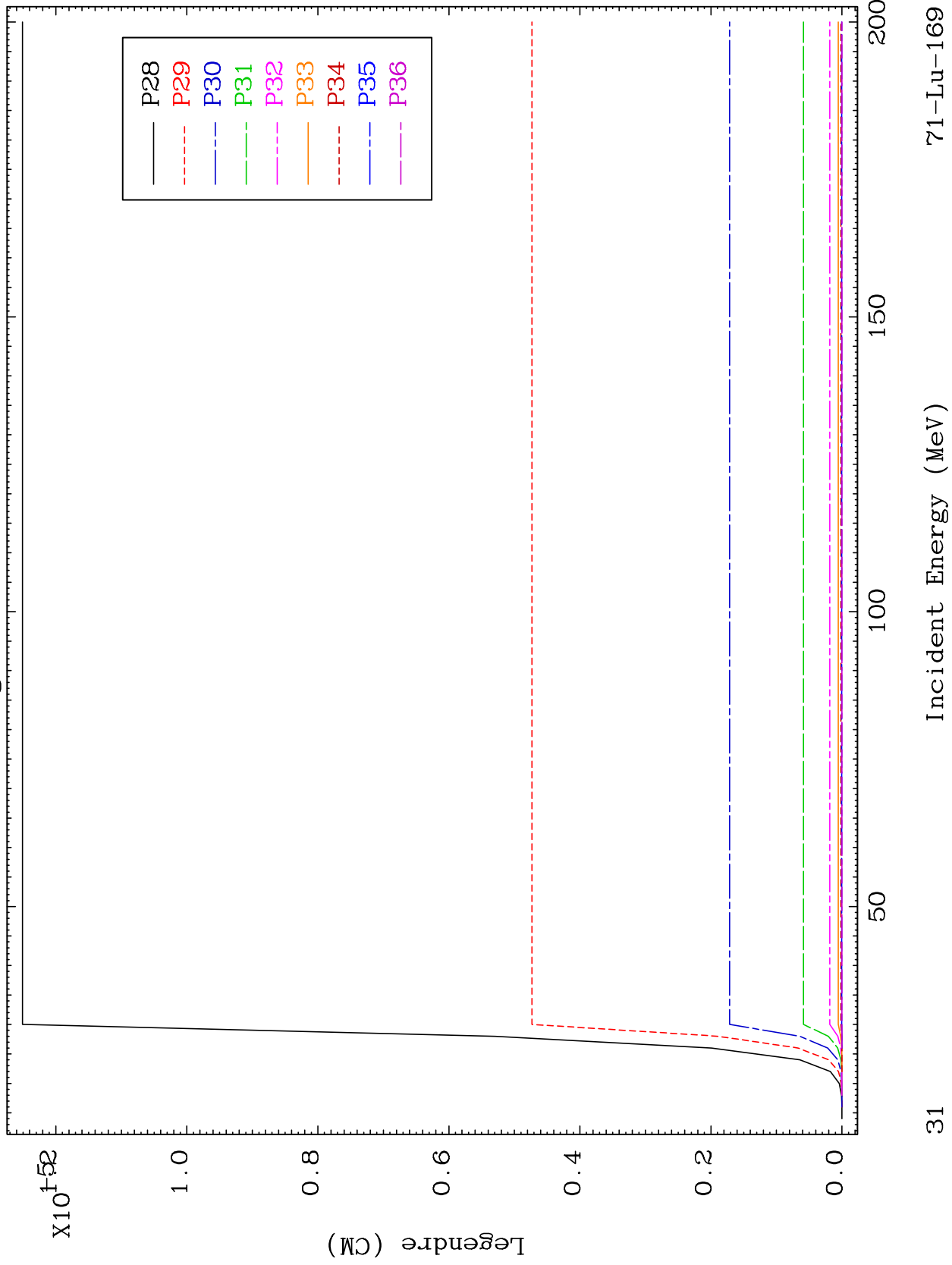
Incident Energy (MeV)

30

MAT 7107

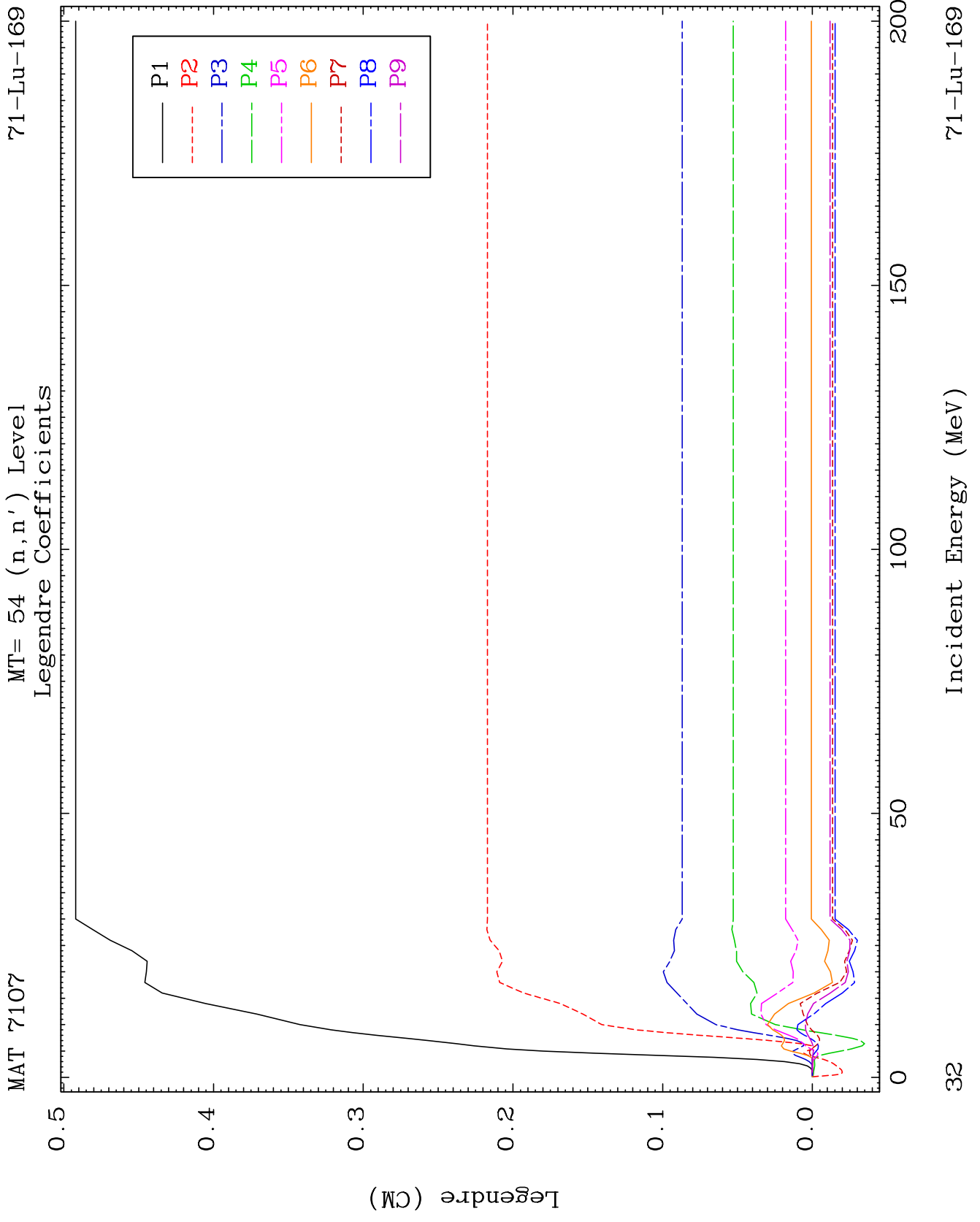
MT= 53 (n,n') Level
Legendre Coefficients

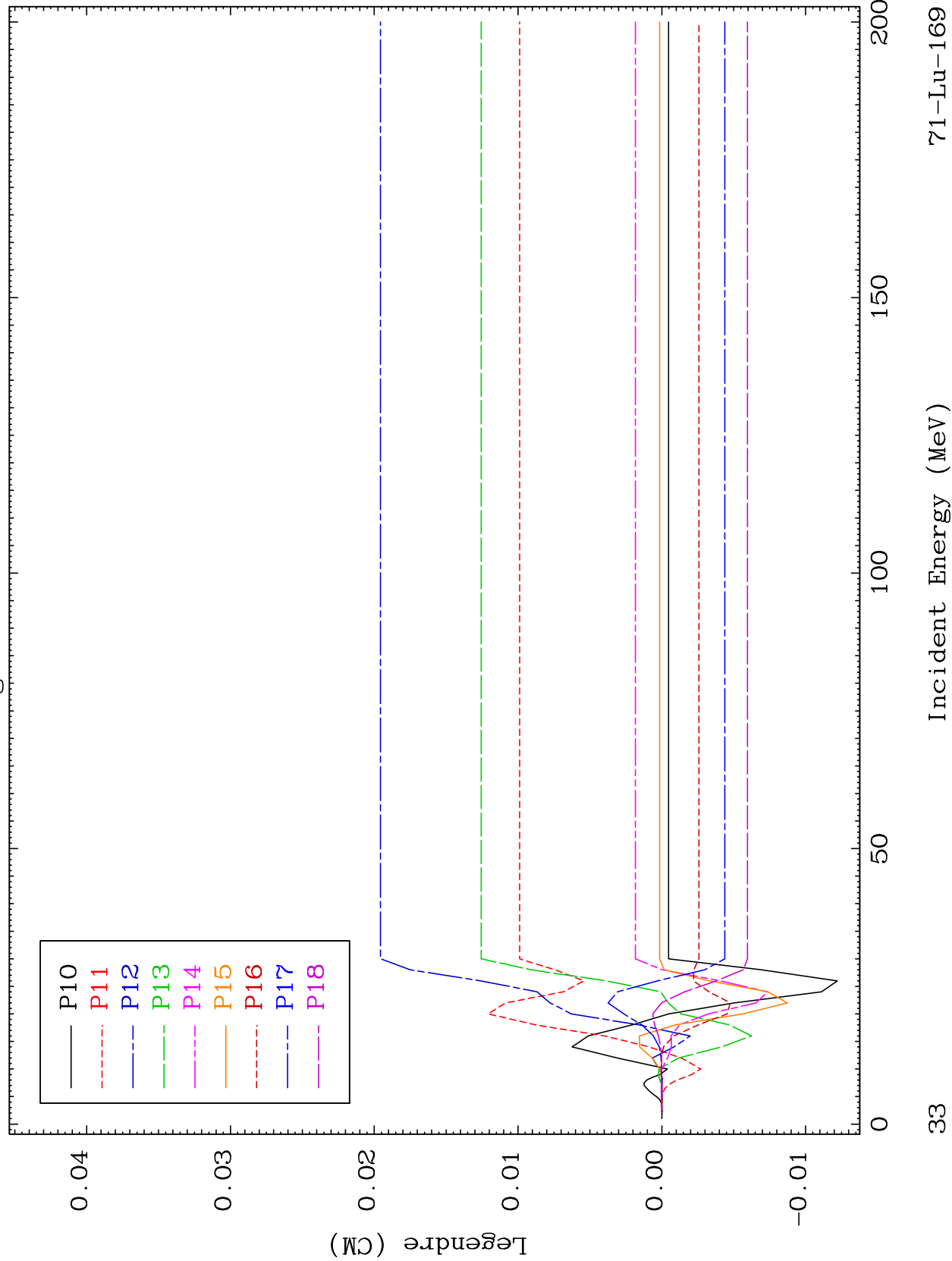
71-Lu-169



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71-Lu-169

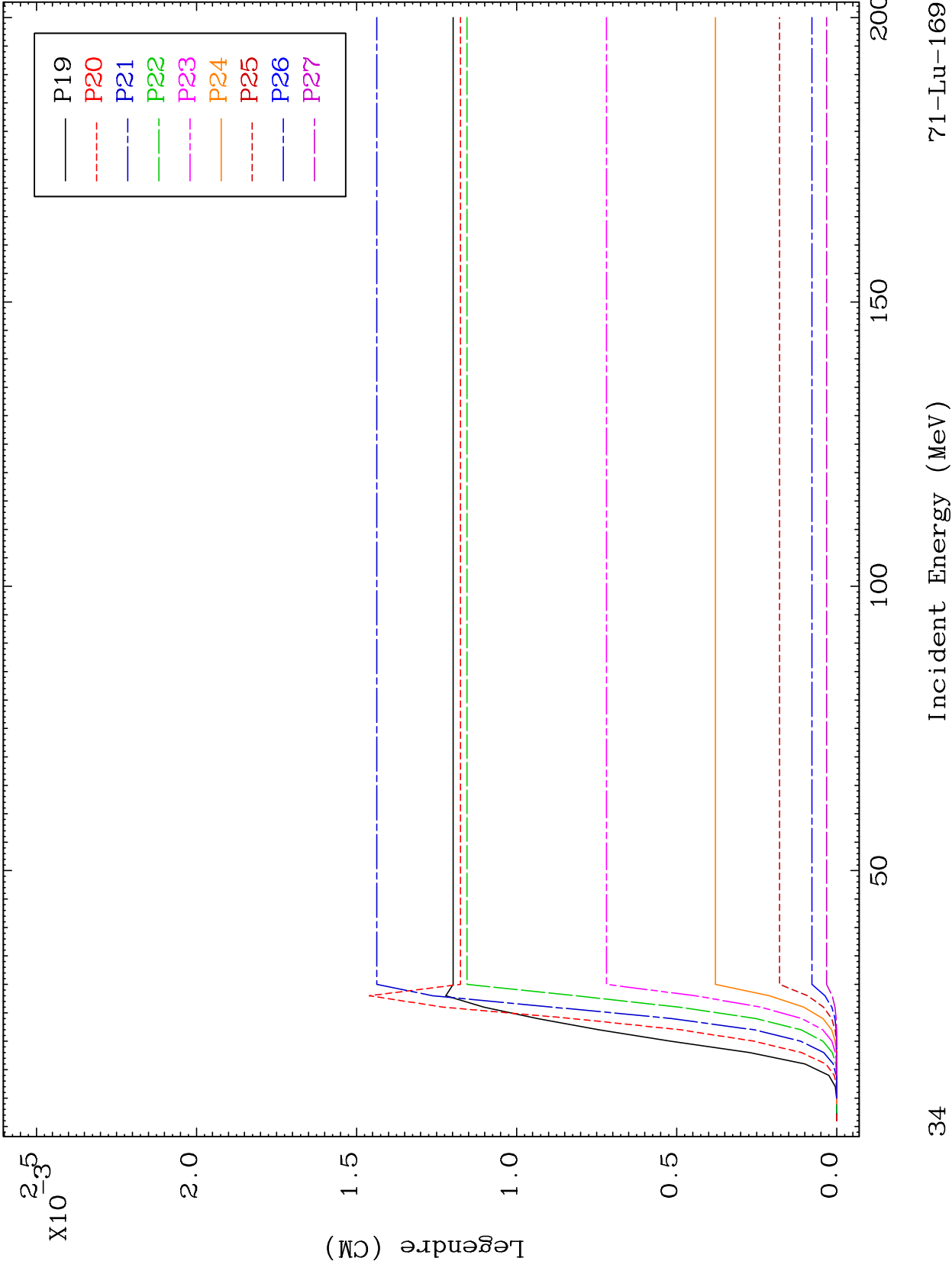




MAT 7107

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

71-Lu-169



34

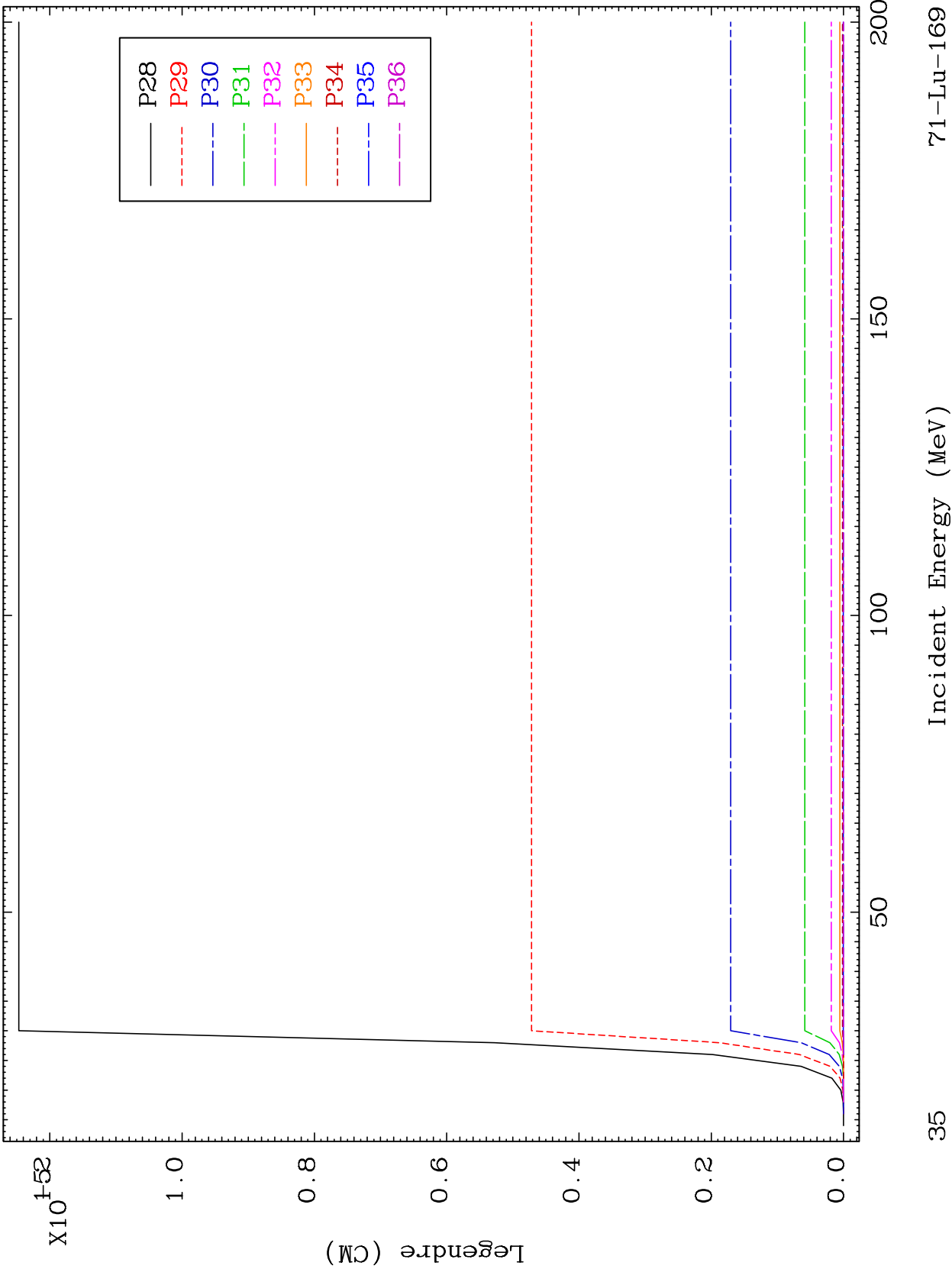
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

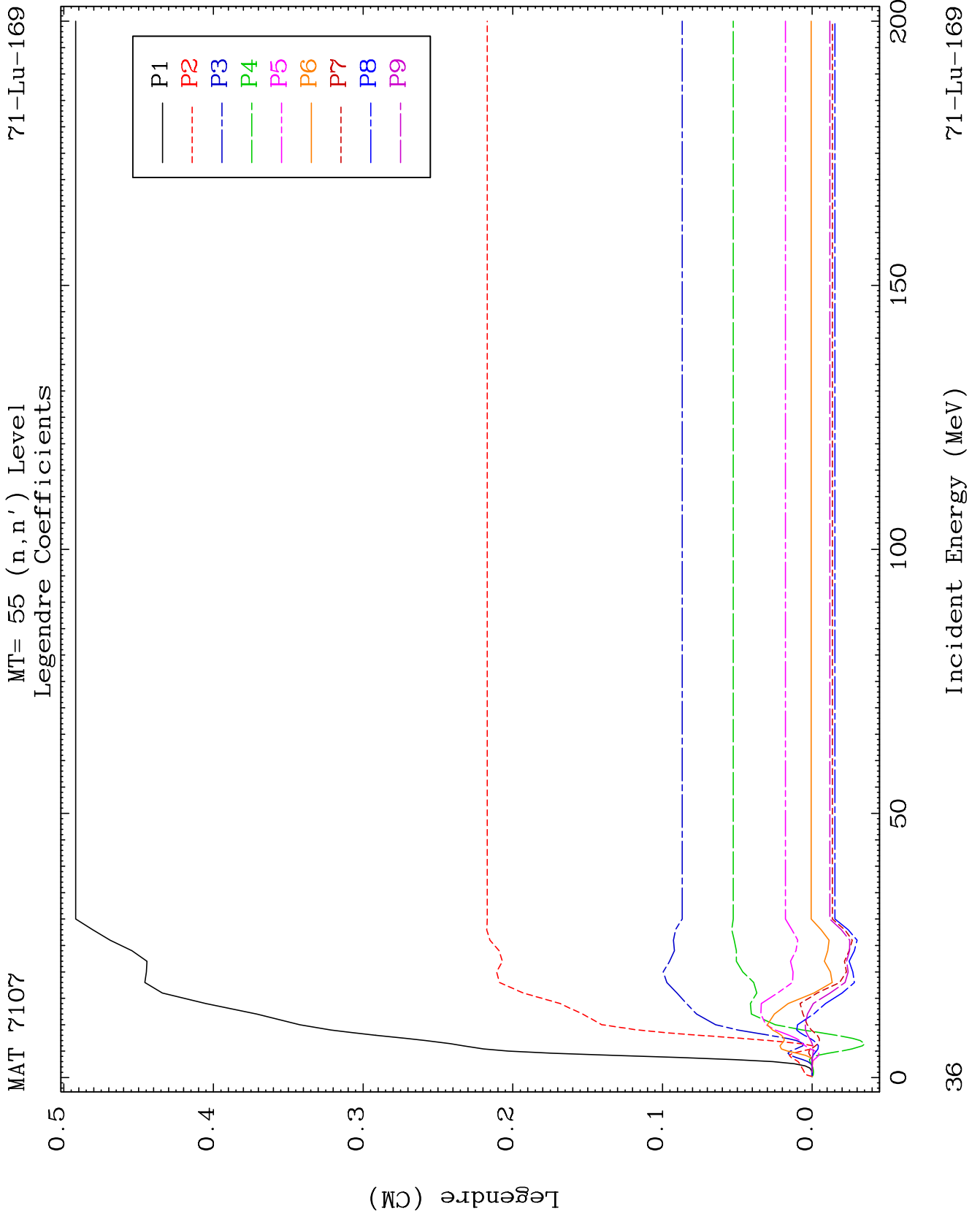
71-Lu-169



35

Incident Energy (MeV)

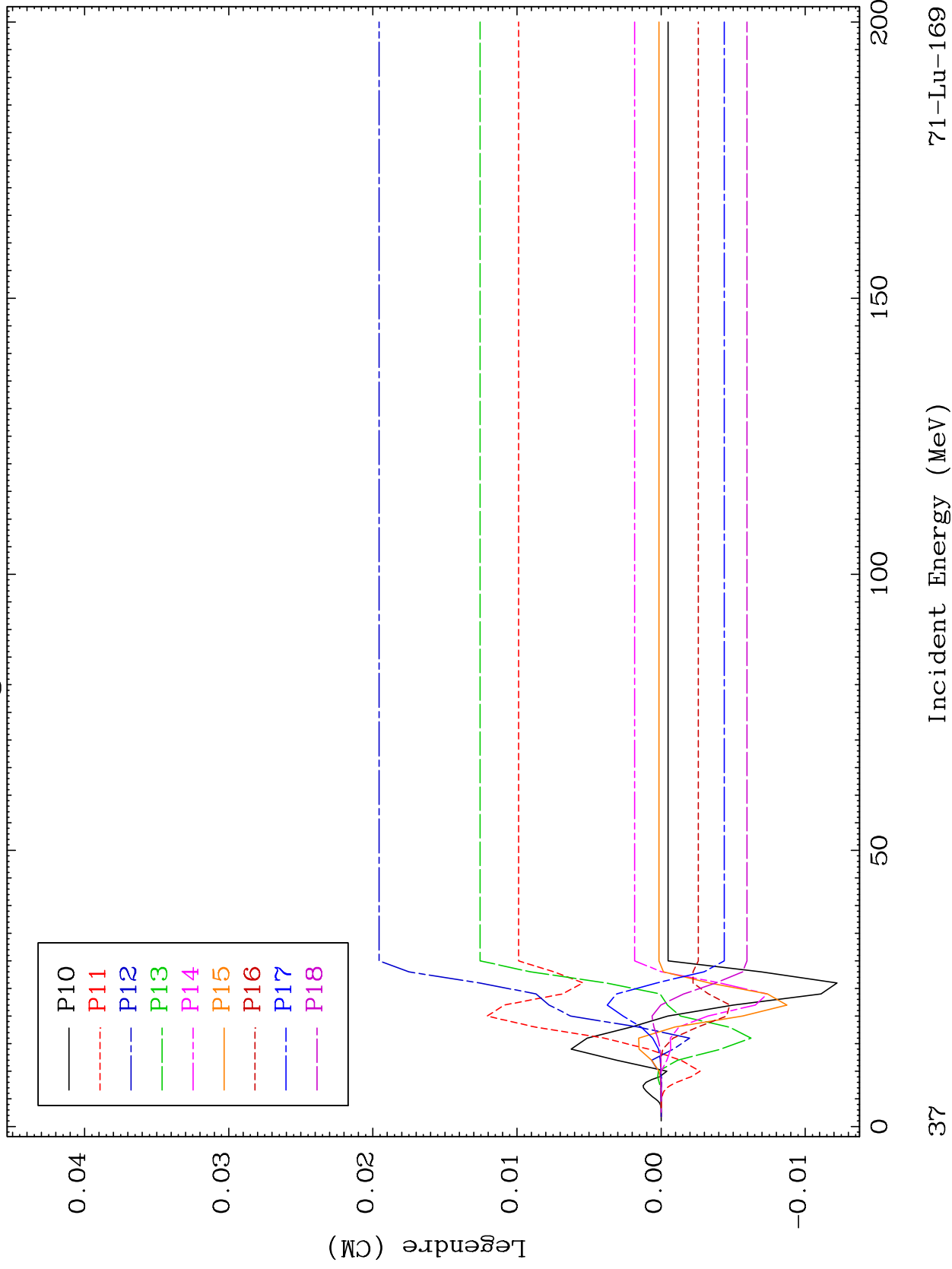
71-Lu-169



MAT 7107

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

71-Lu-169



37

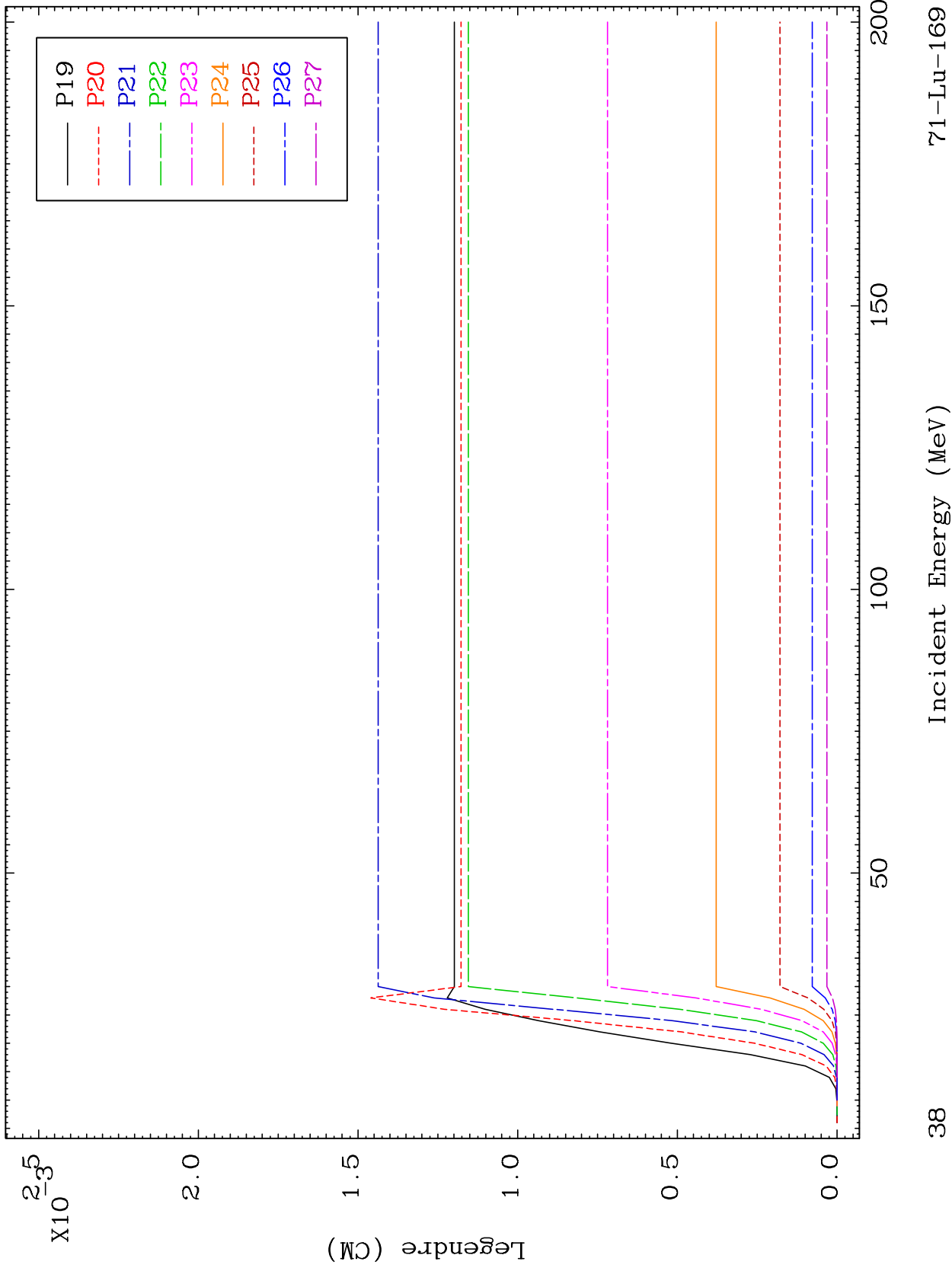
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



38

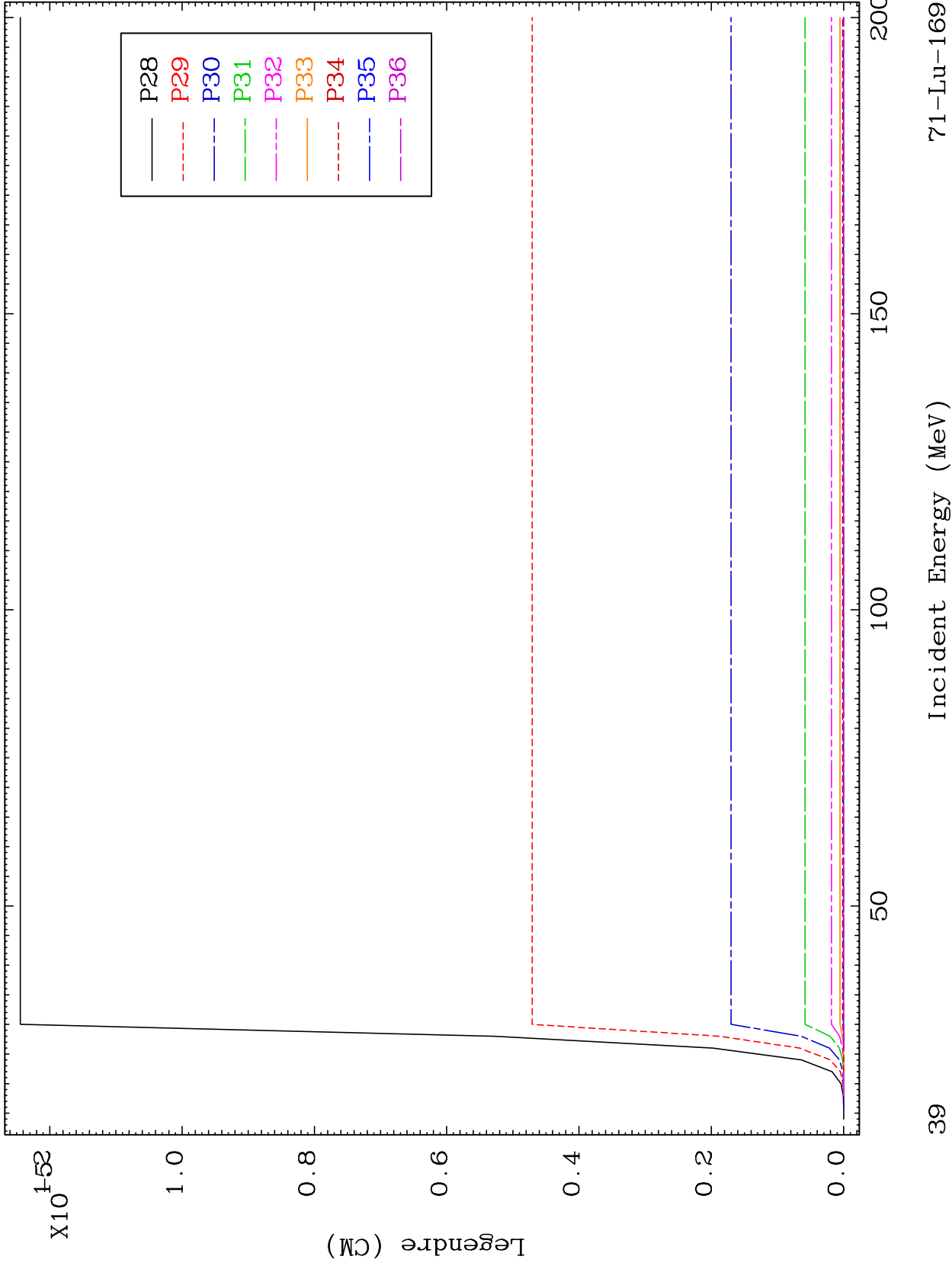
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



39

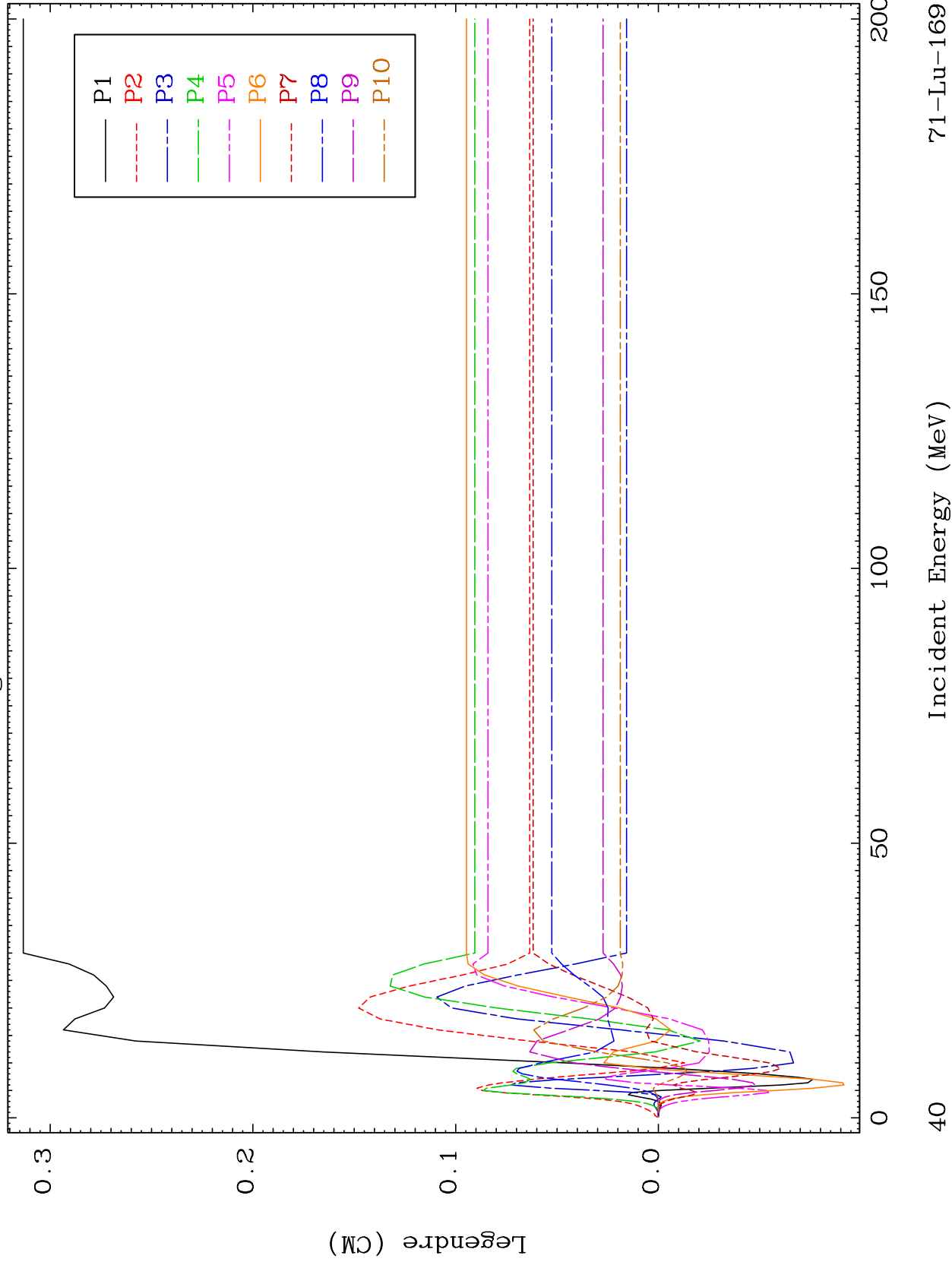
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169

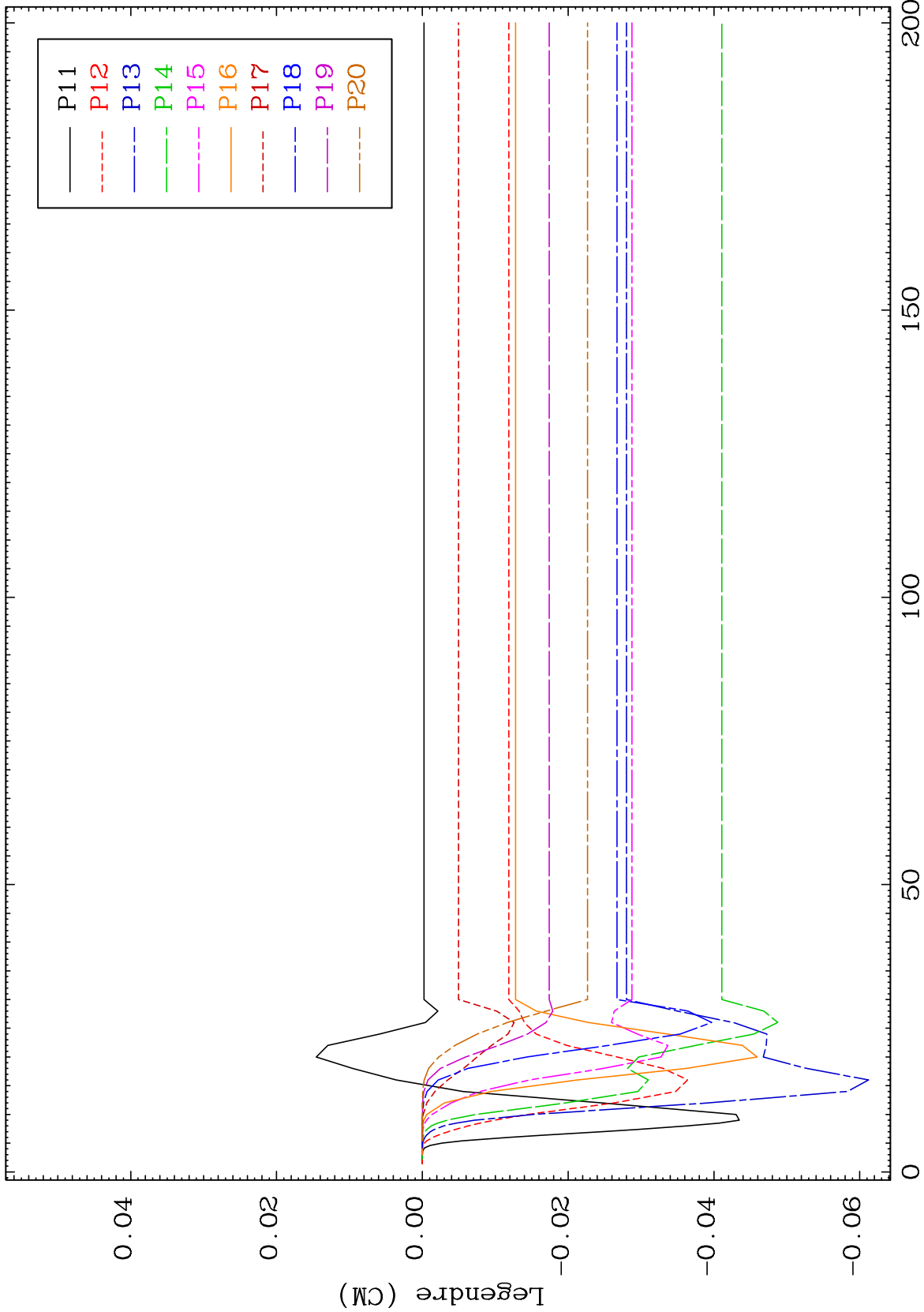


71-Lu-169

MAT 7107

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

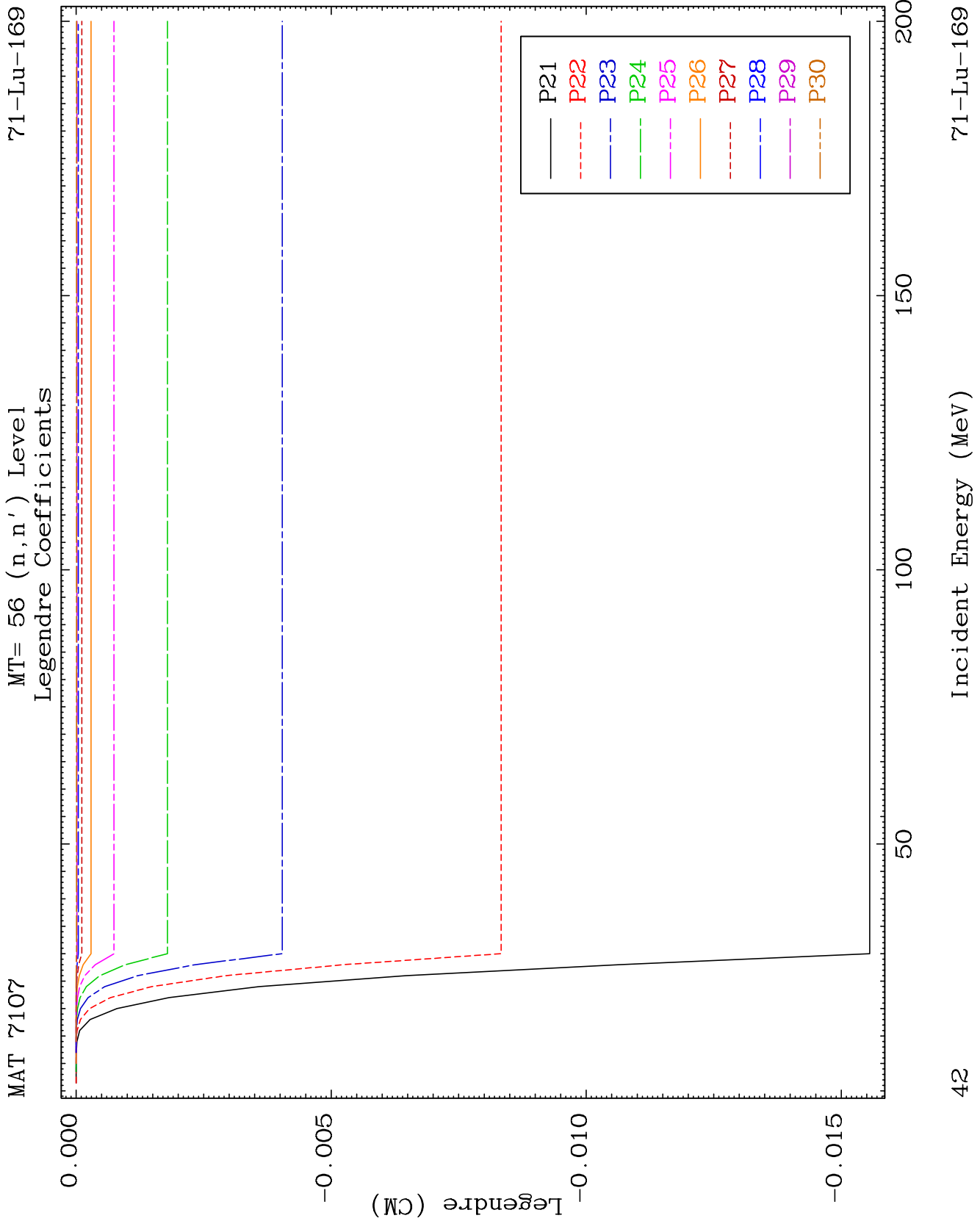
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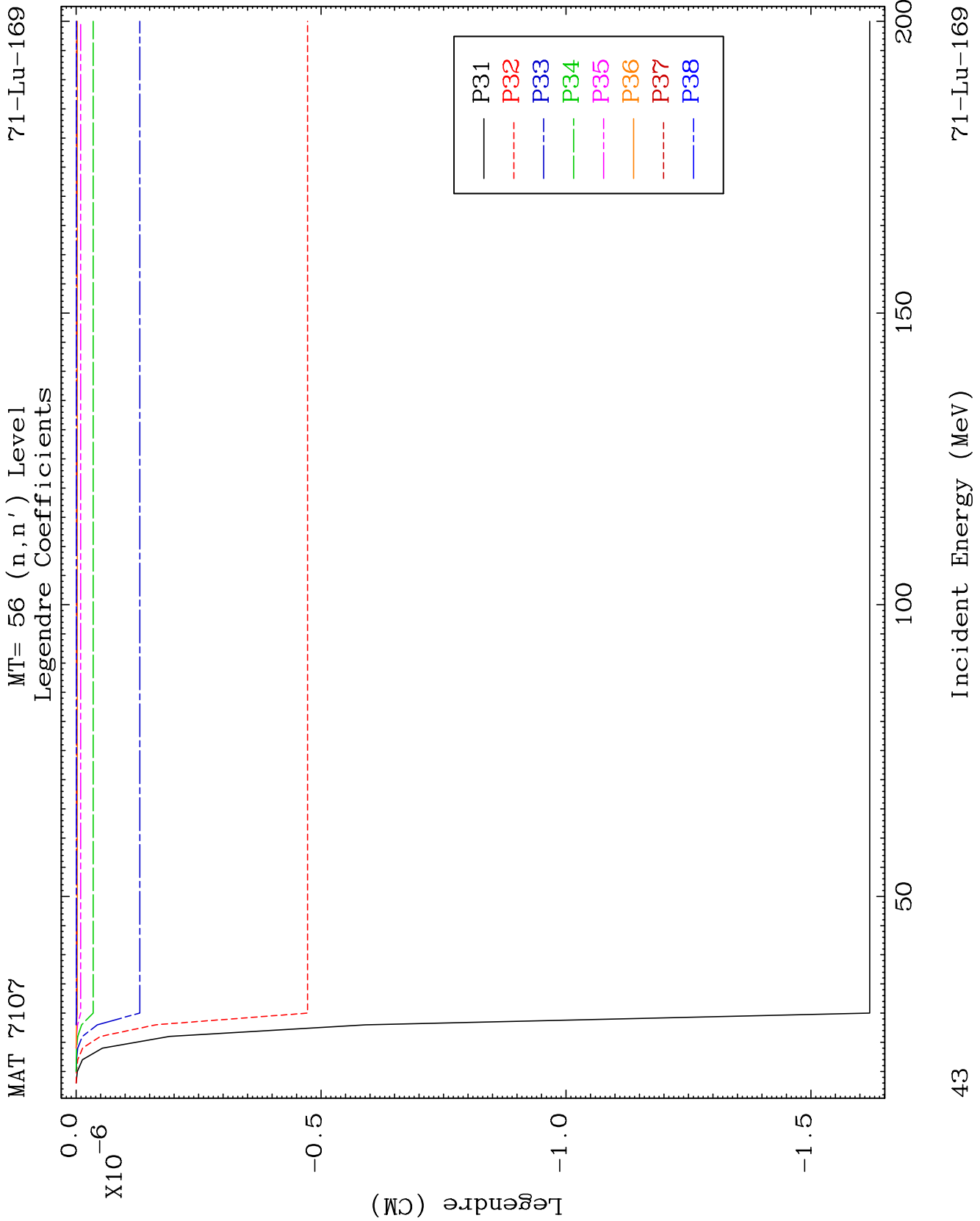


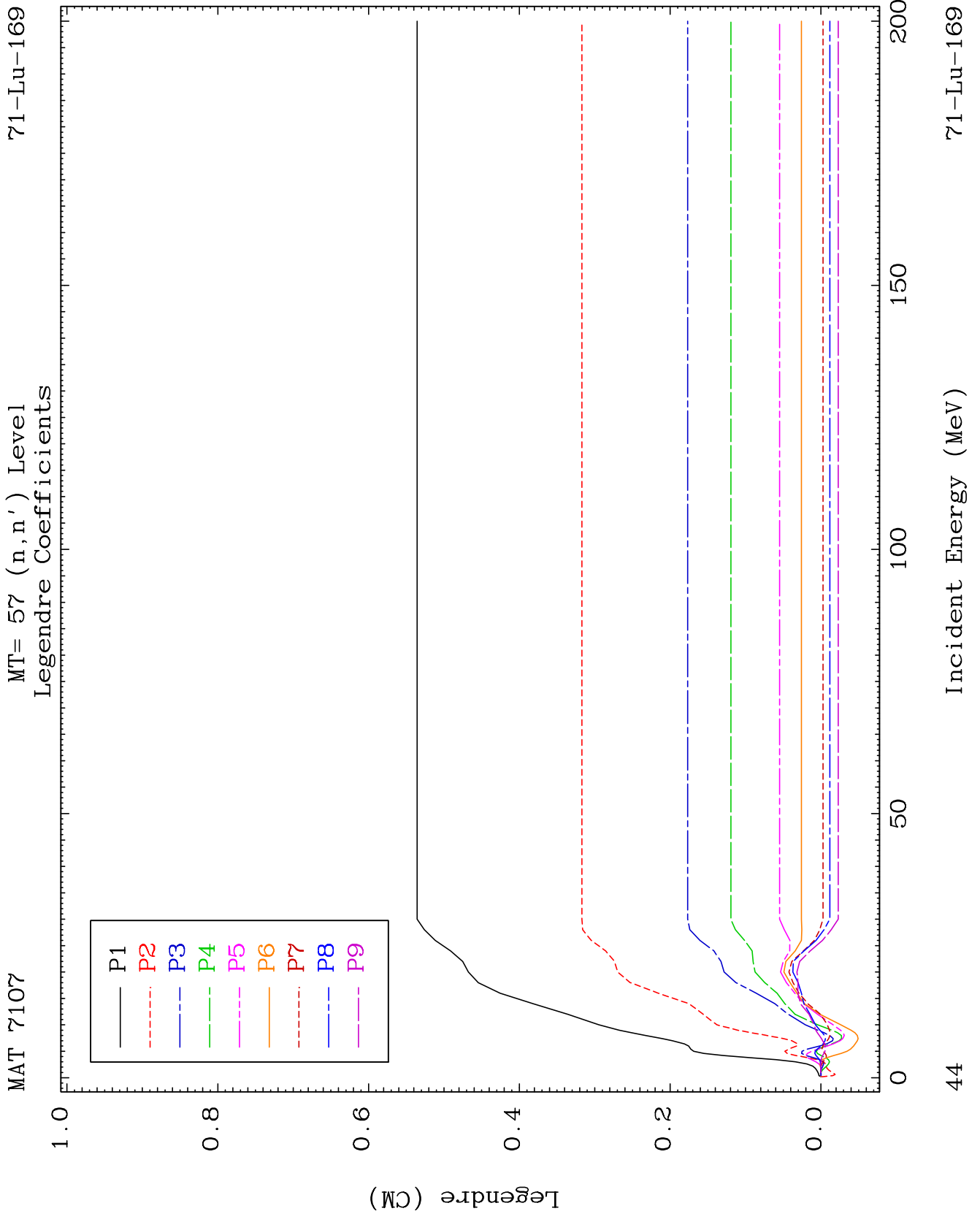
41

Incident Energy (MeV)

71-Lu-169



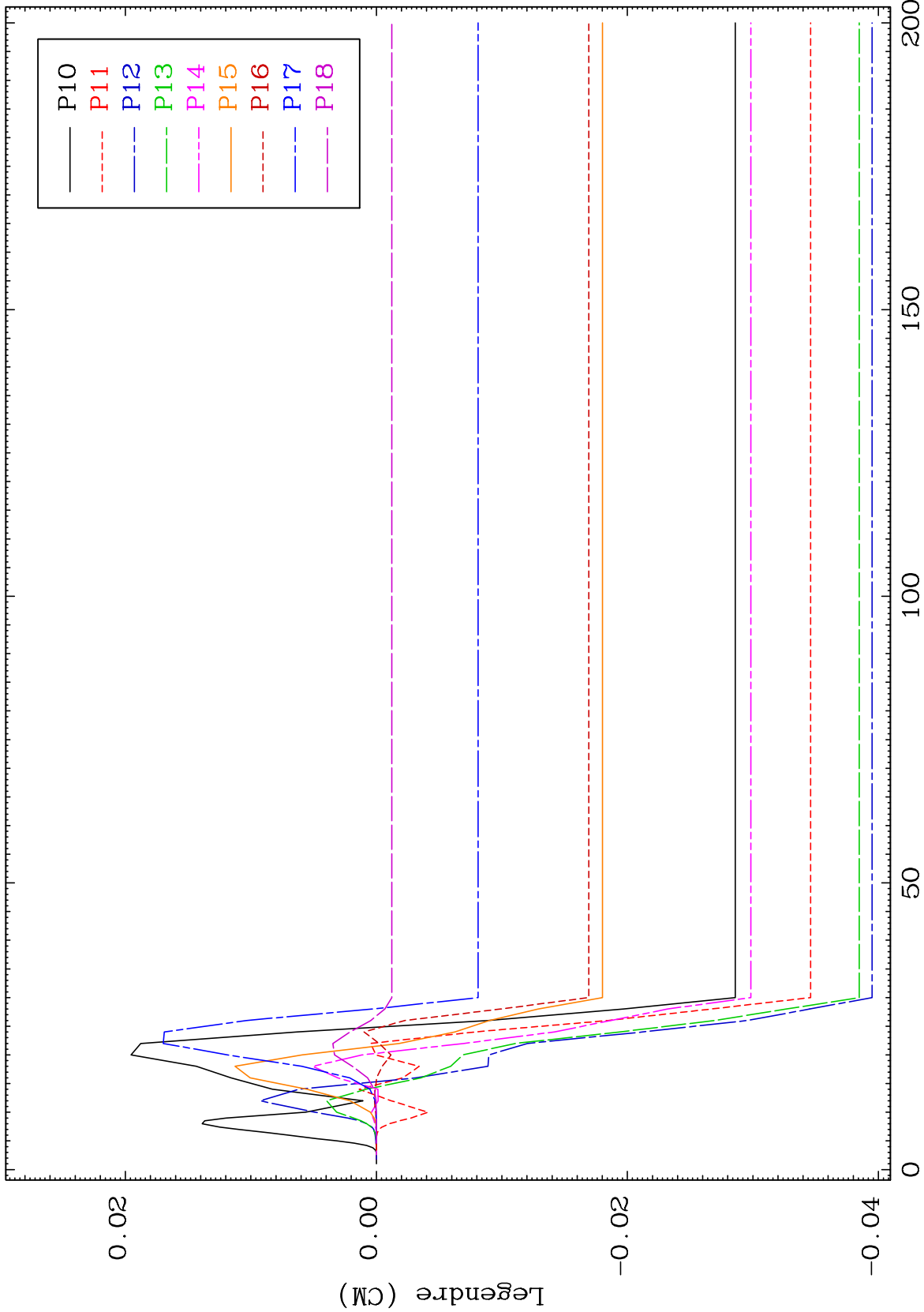




MAT 7107

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

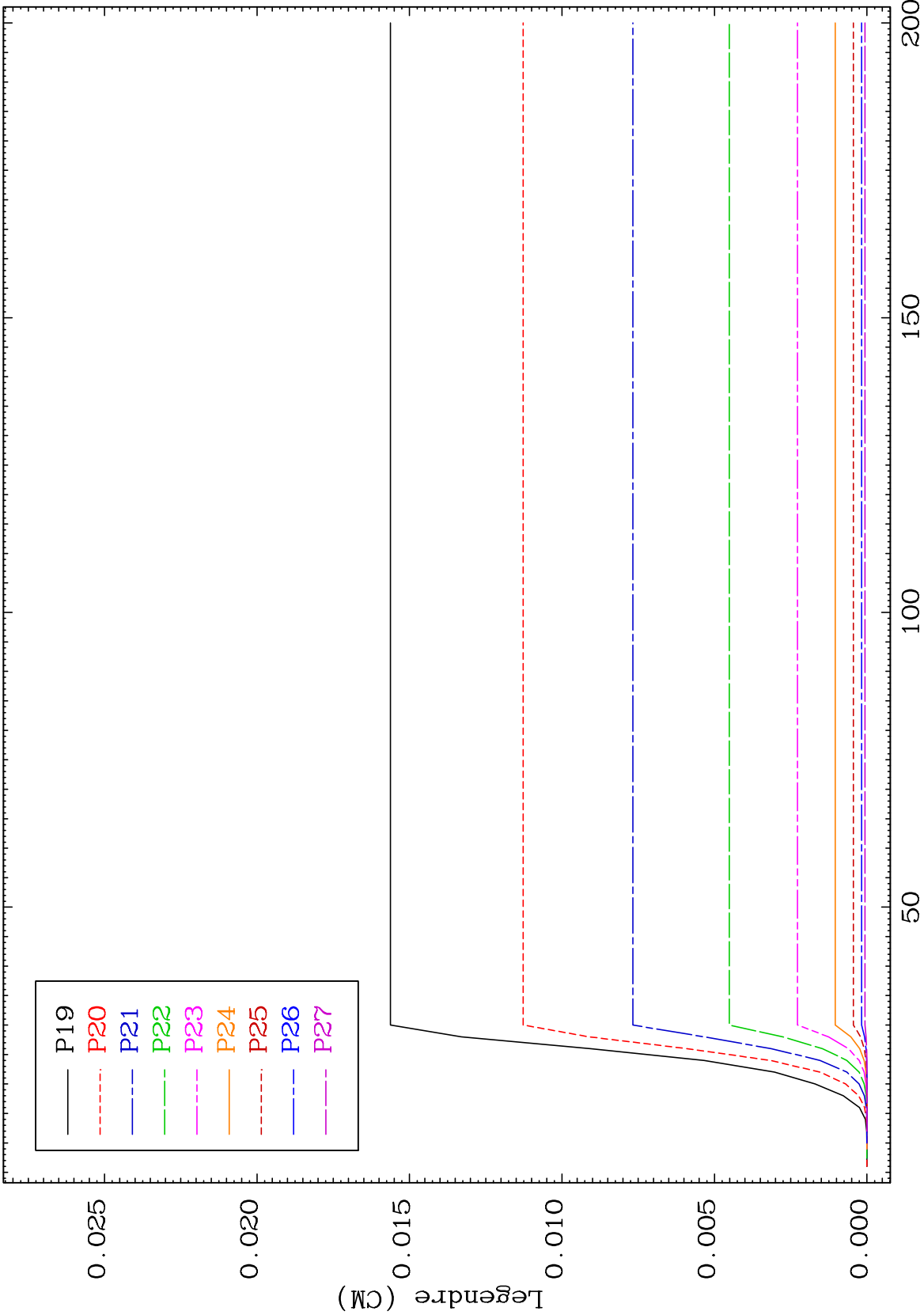
71-Lu-169



71-Lu-169

Incident Energy (MeV)

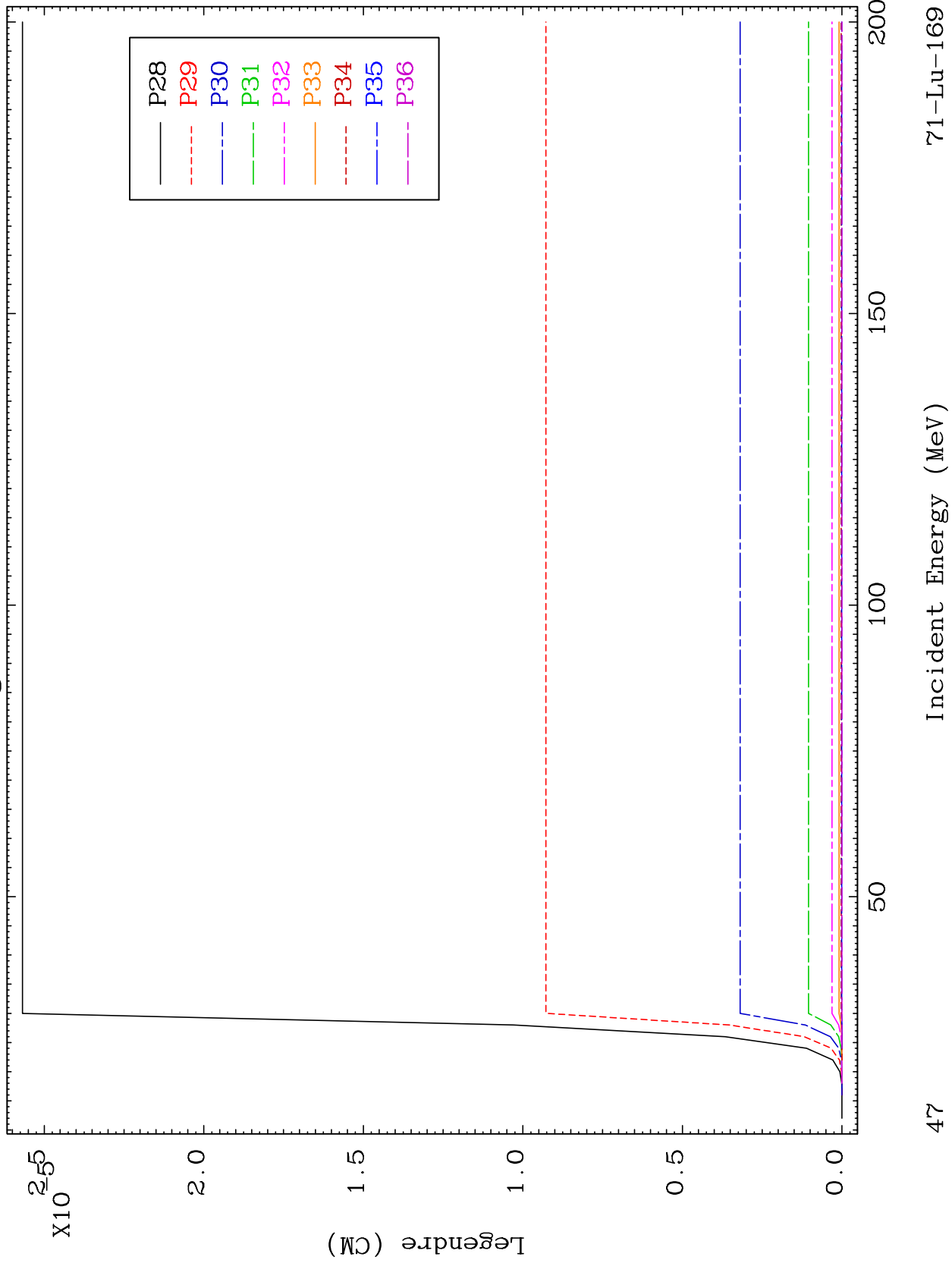
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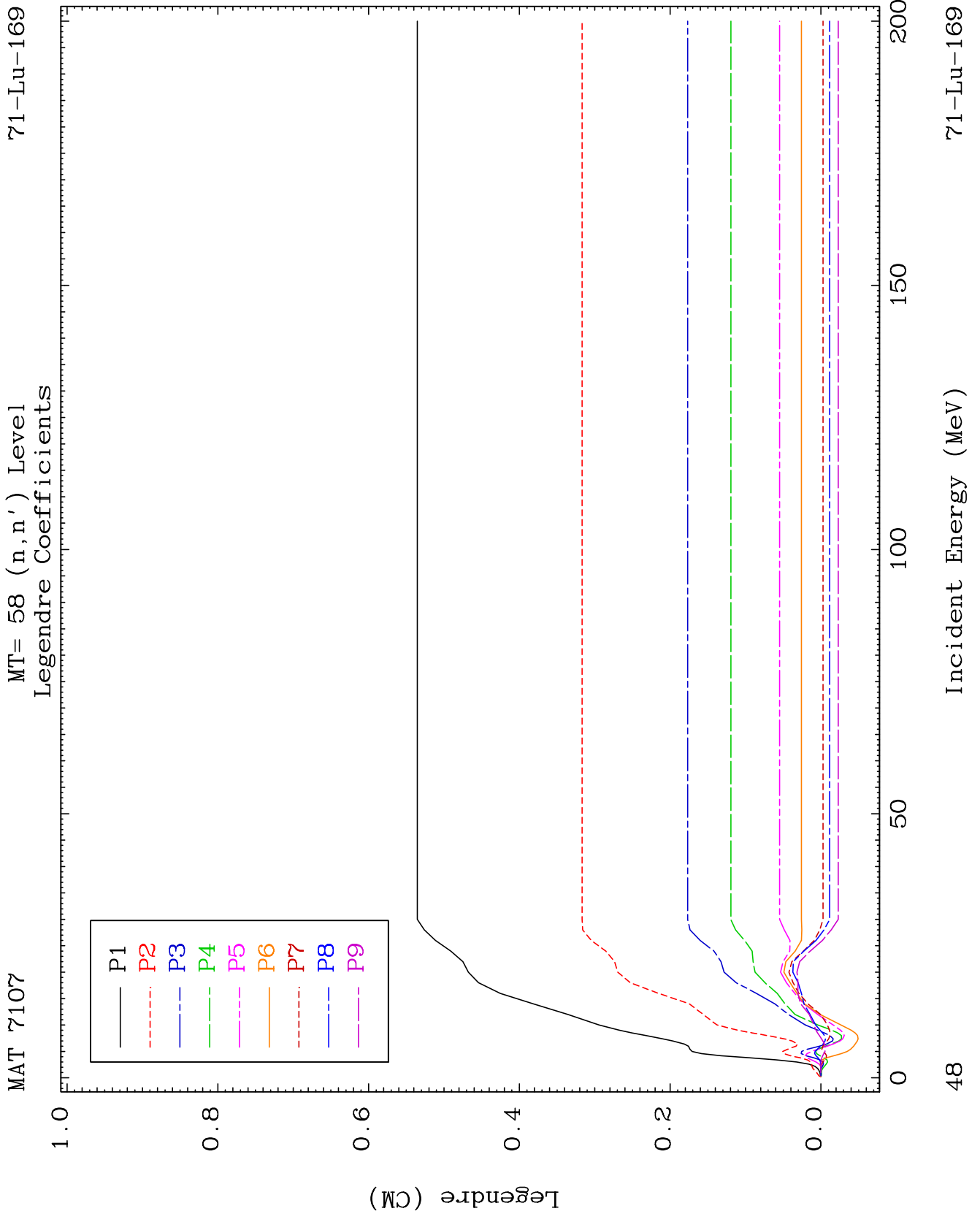


MAT 7107

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

71-Lu-169

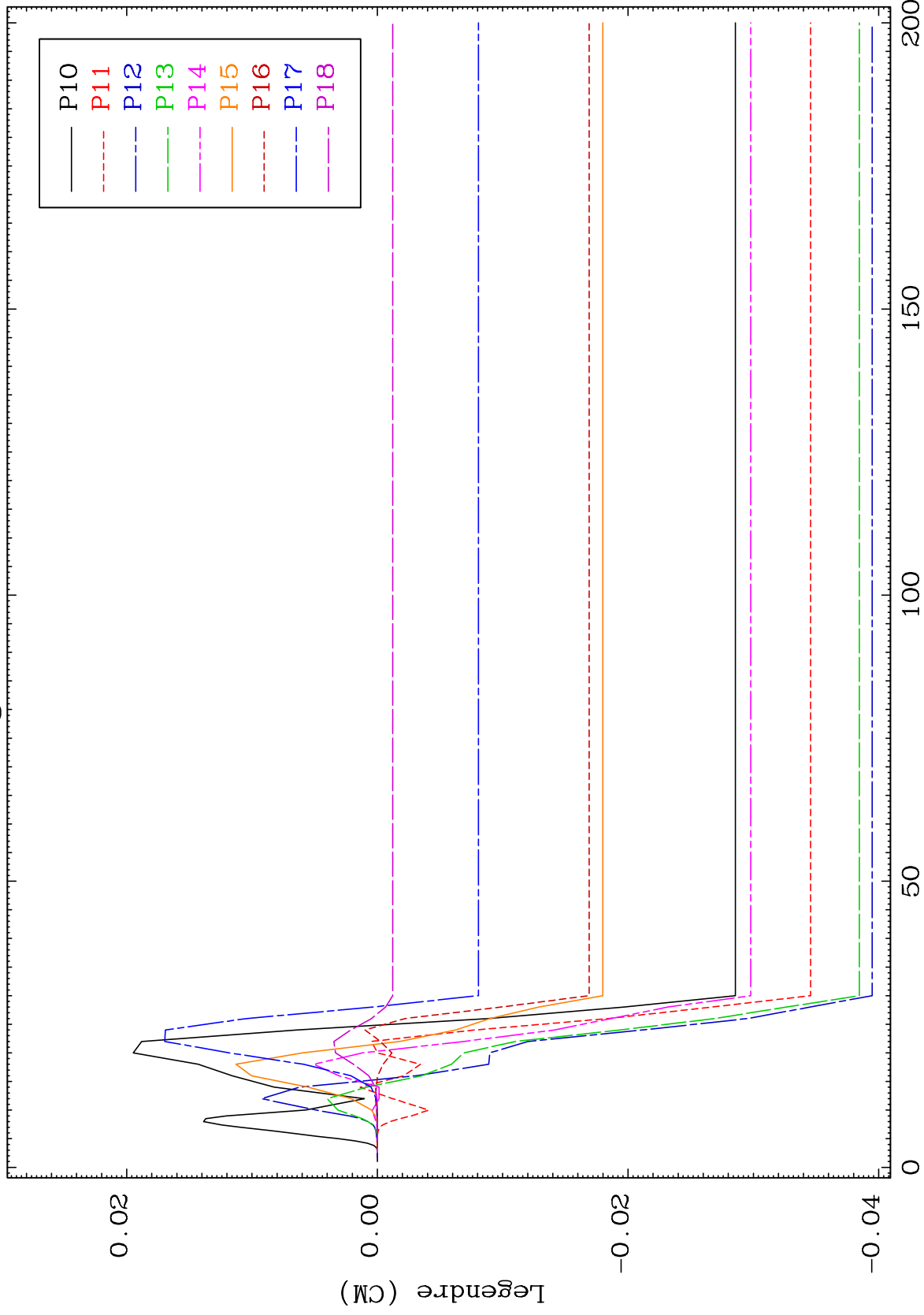




MAT 7107

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

71-Lu-169



49

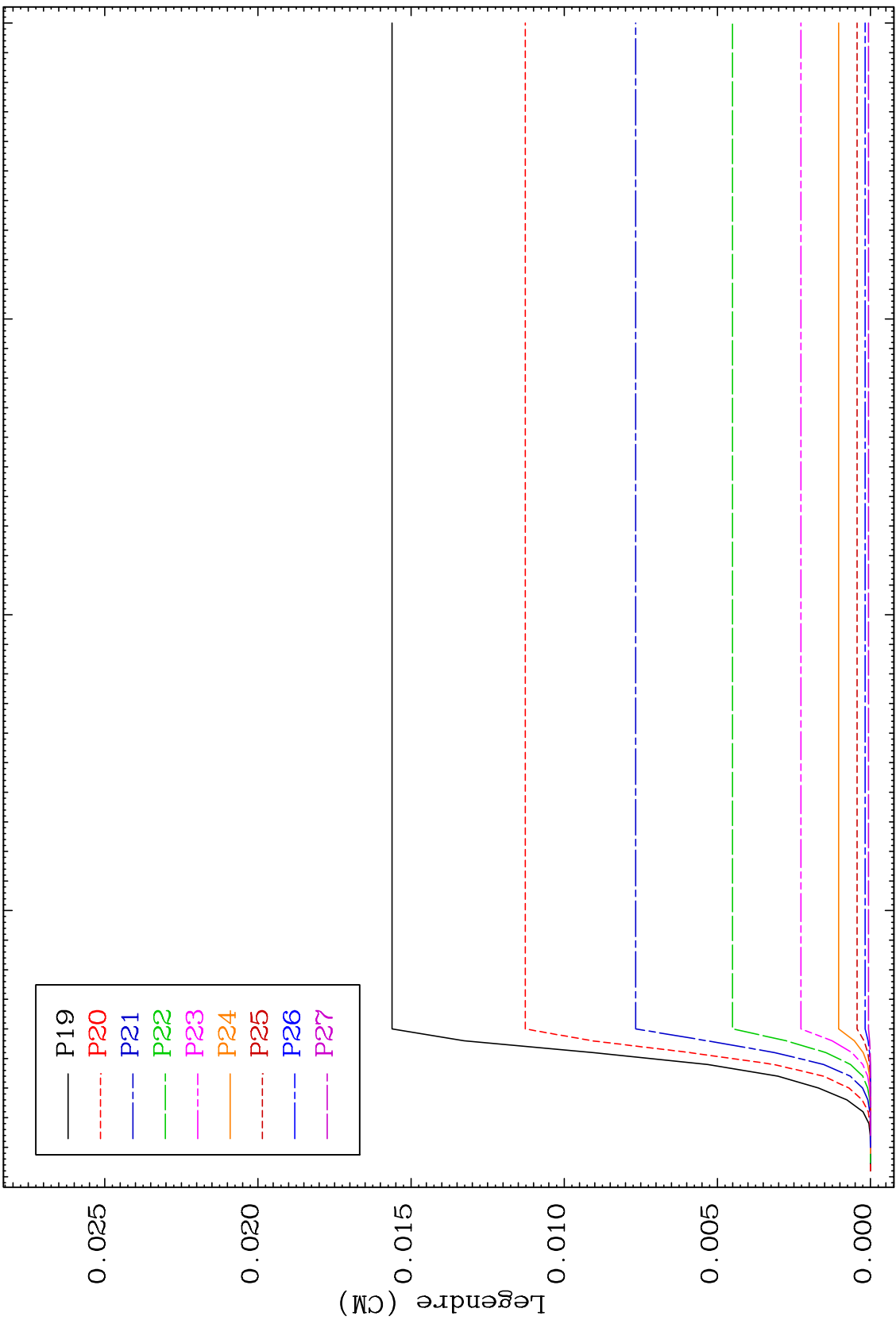
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

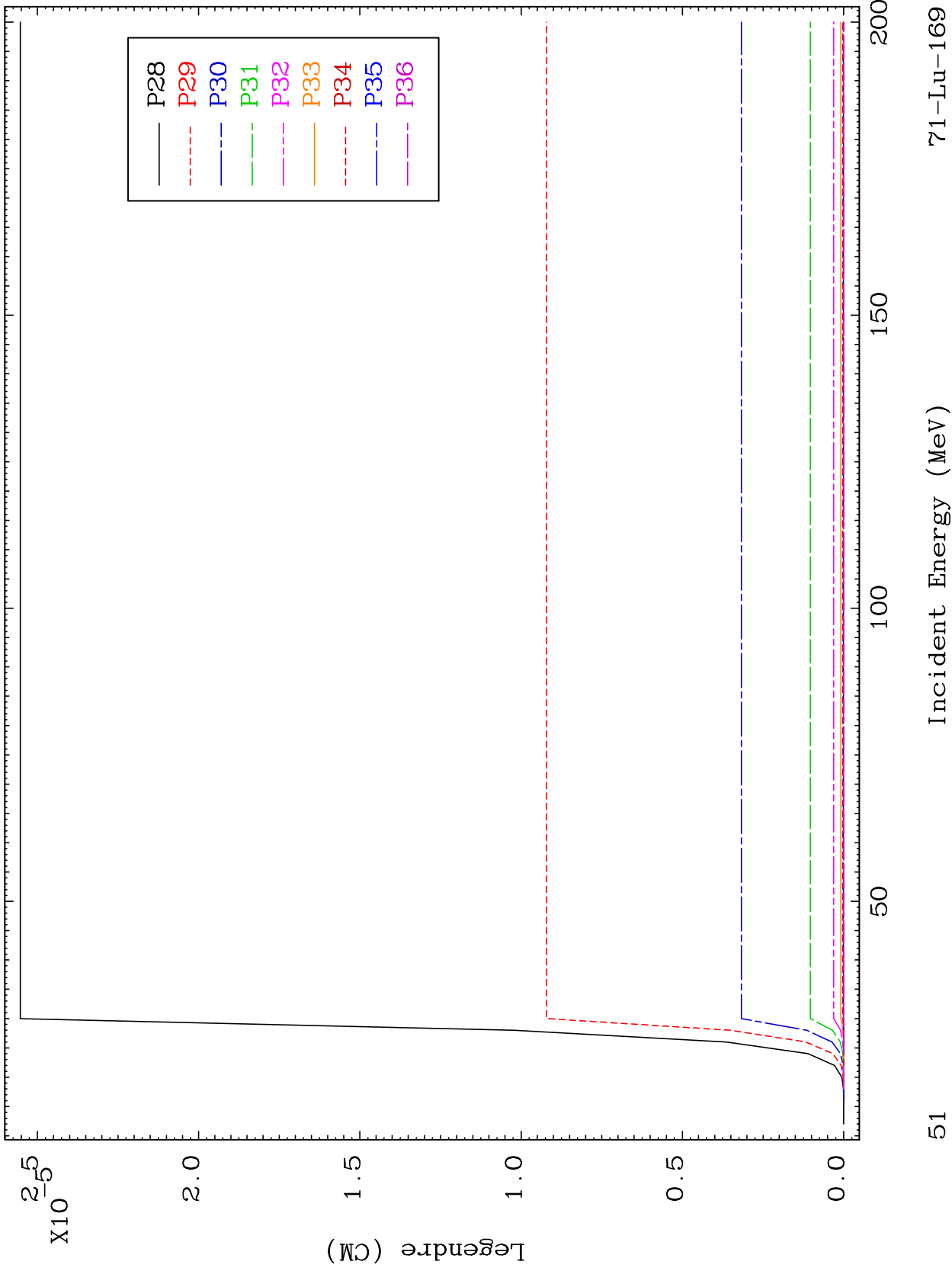
71-Lu-169



50

Incident Energy (MeV)

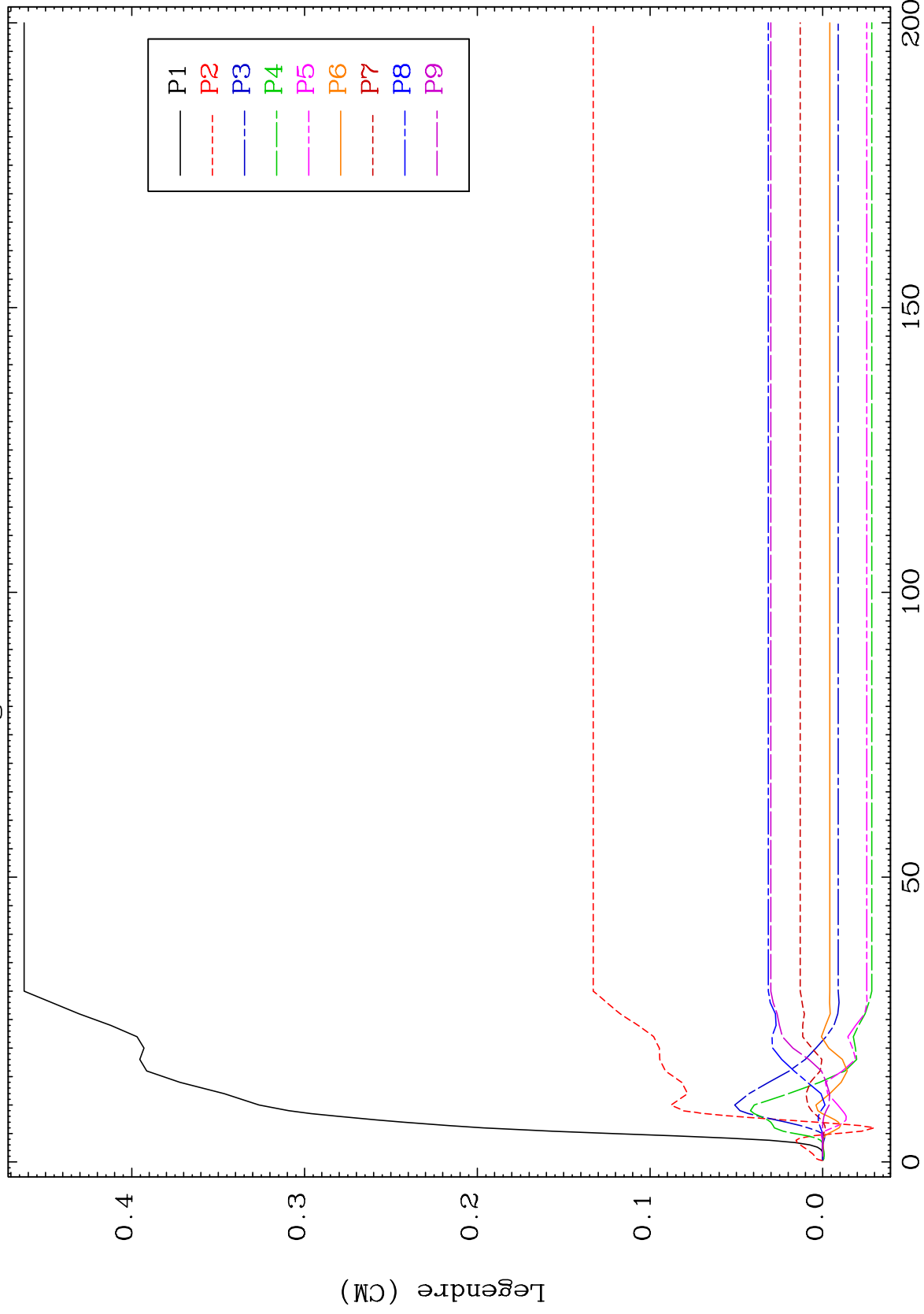
71-Lu-169



MAT 7107

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

71-Lu-169



52

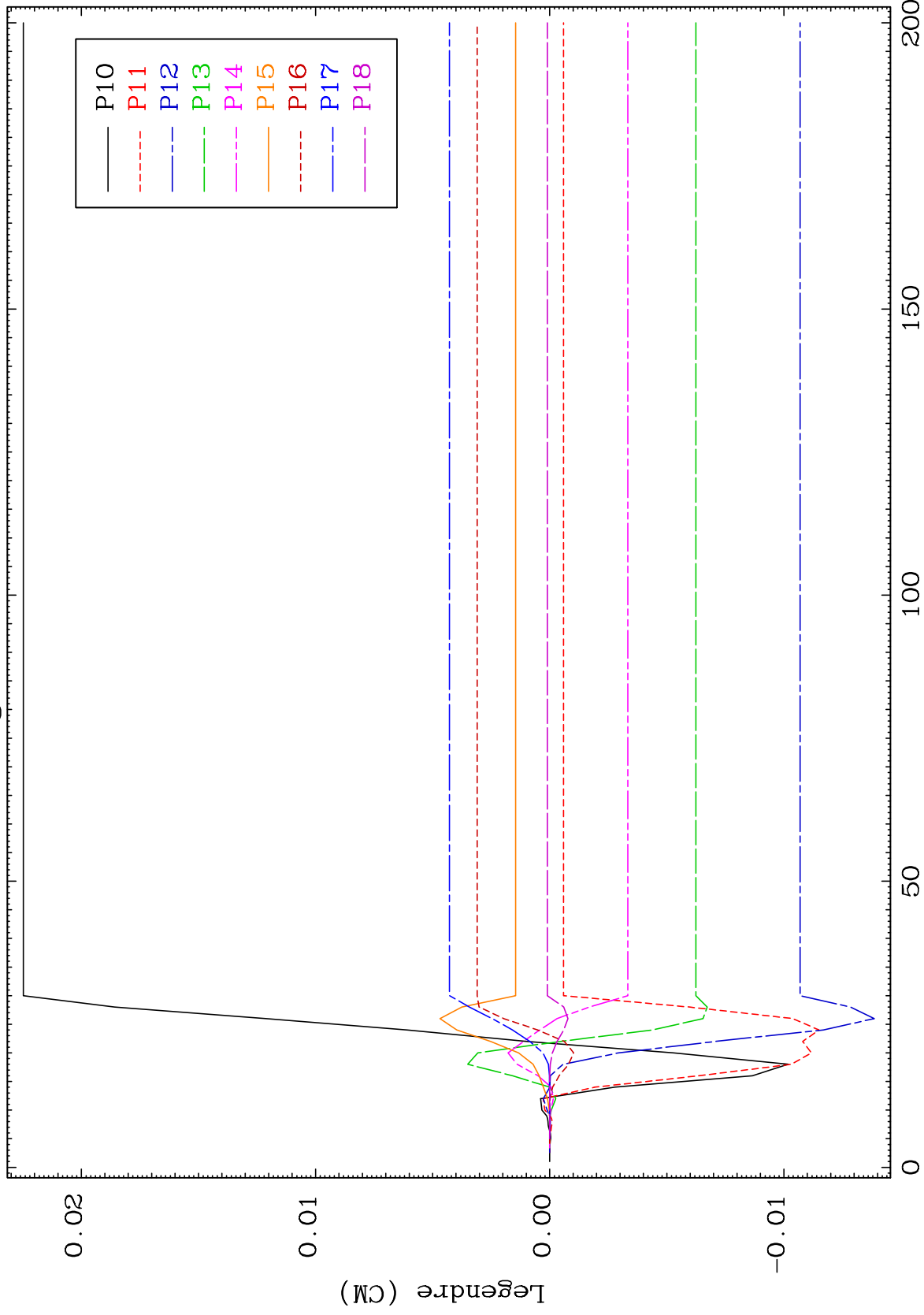
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



53

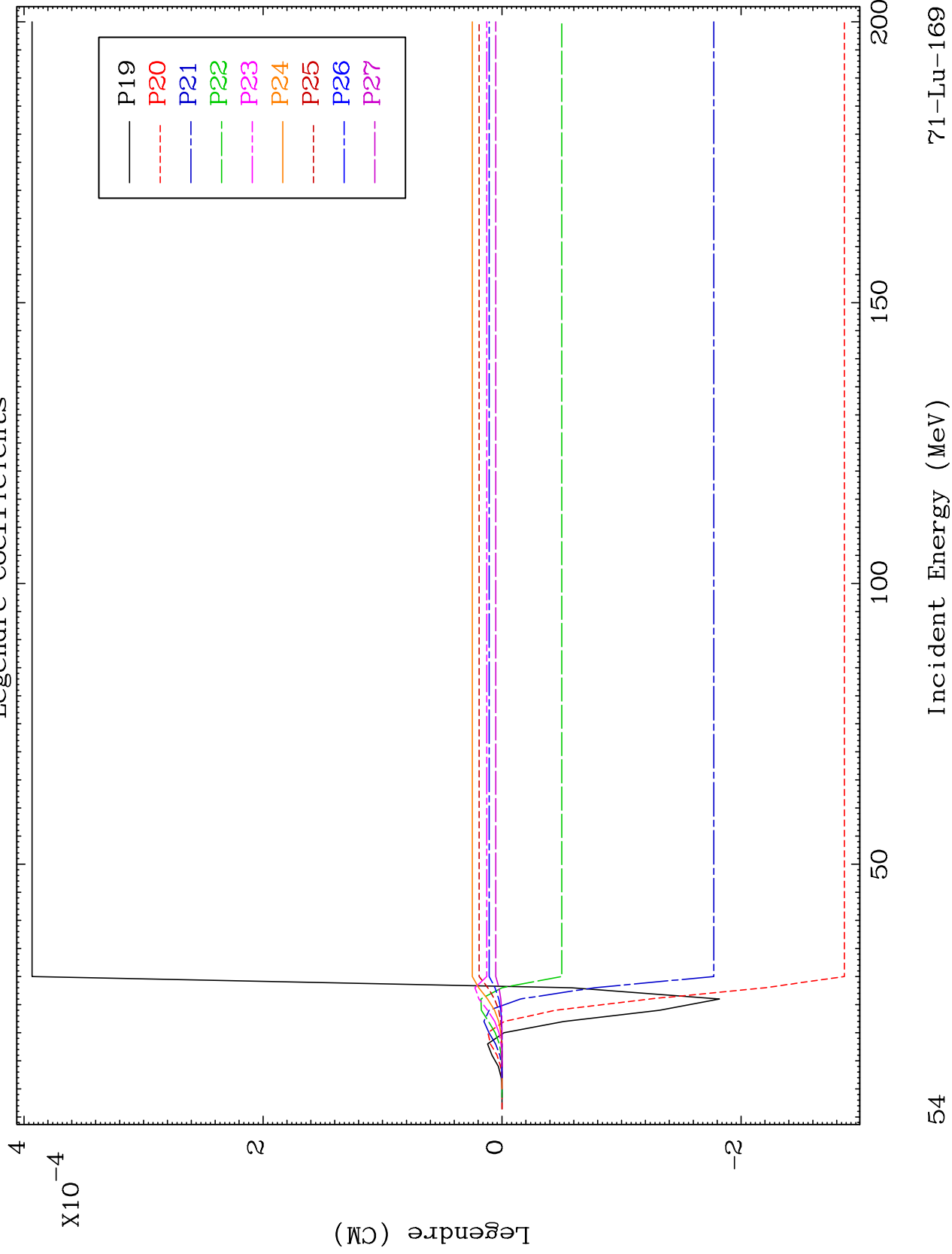
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



54

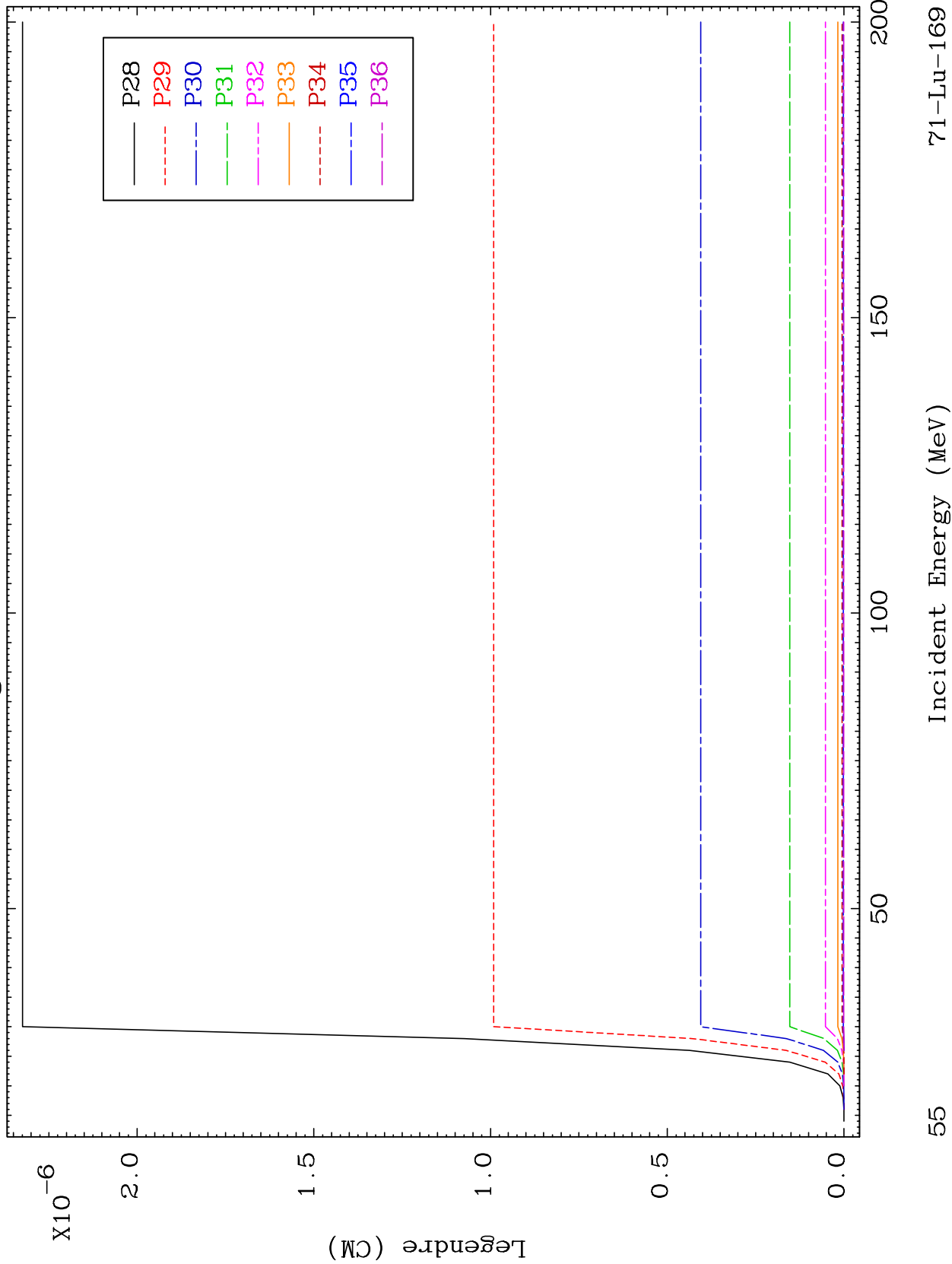
Incident Energy (MeV)

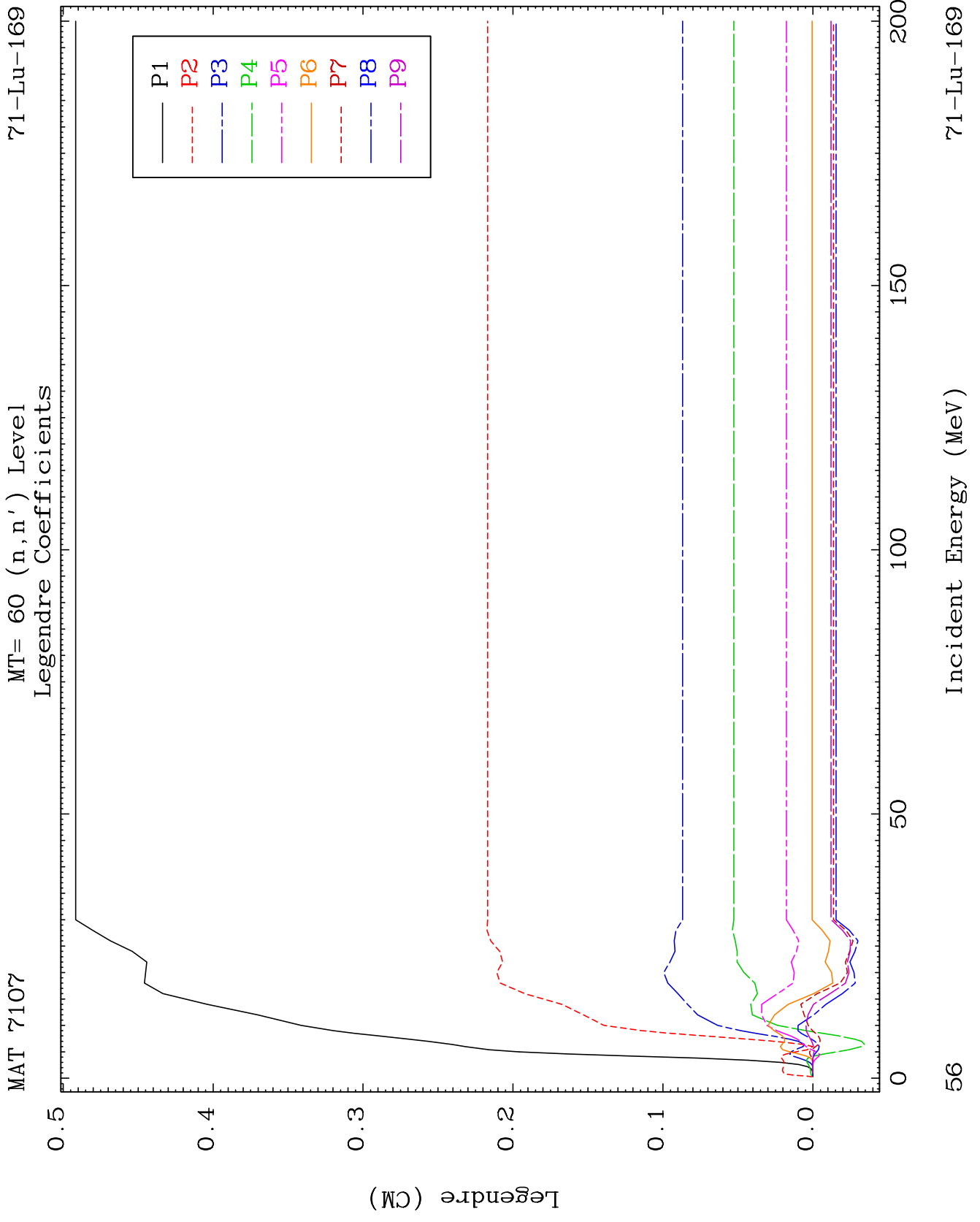
71-Lu-169

MAT 7107

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

71-Lu-169

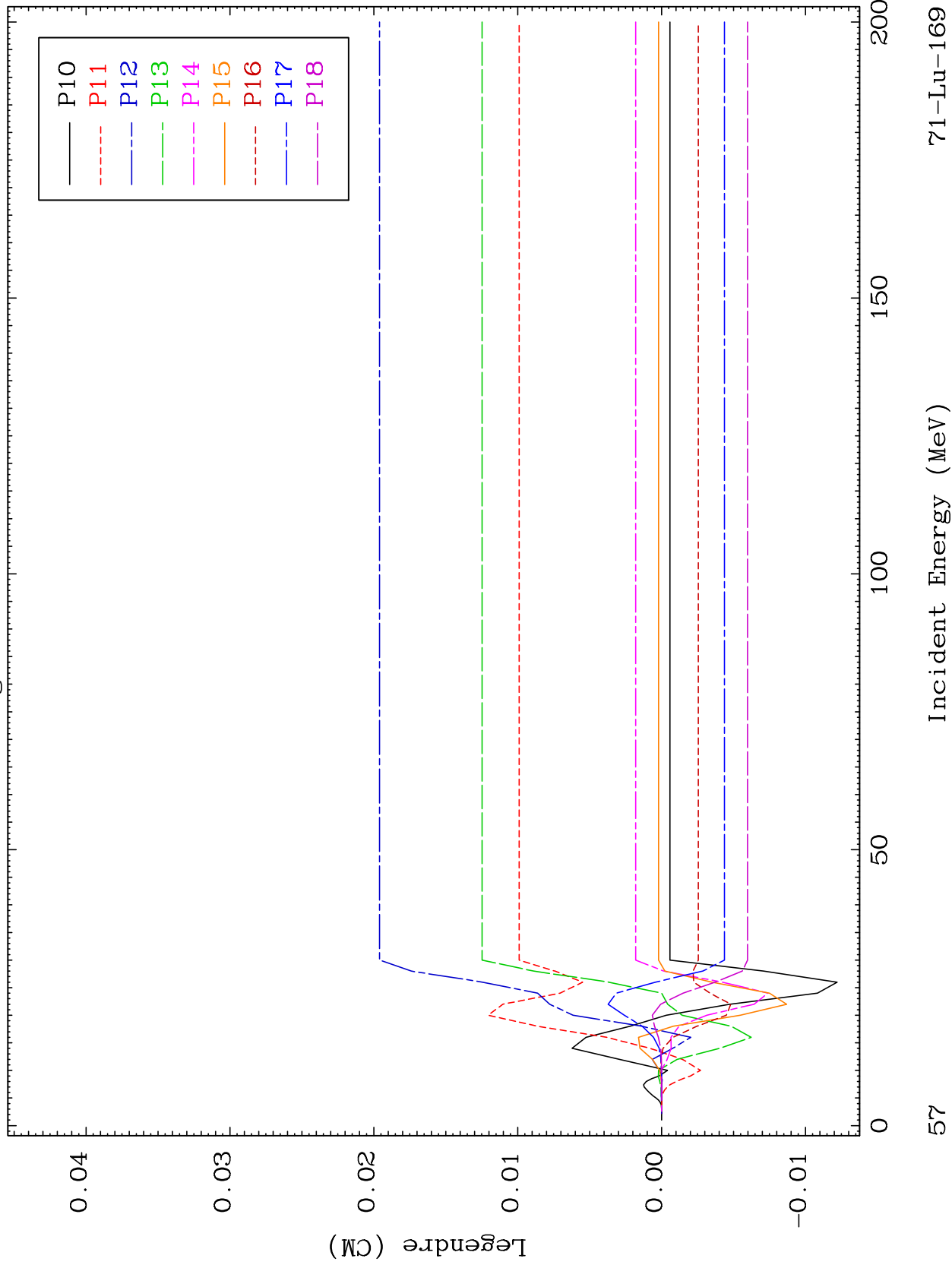




MAT 7107

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

71-Lu-169



57

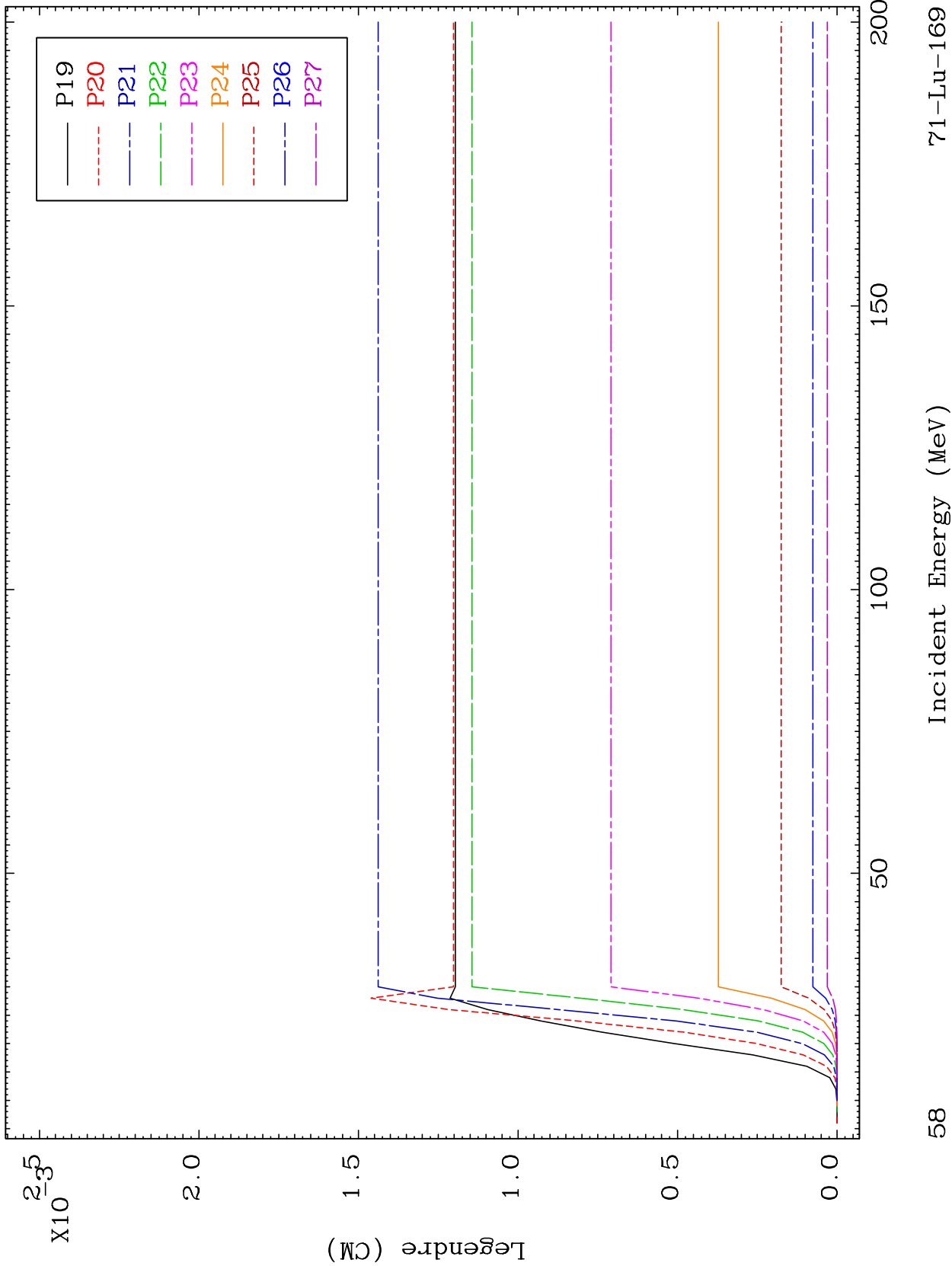
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



58

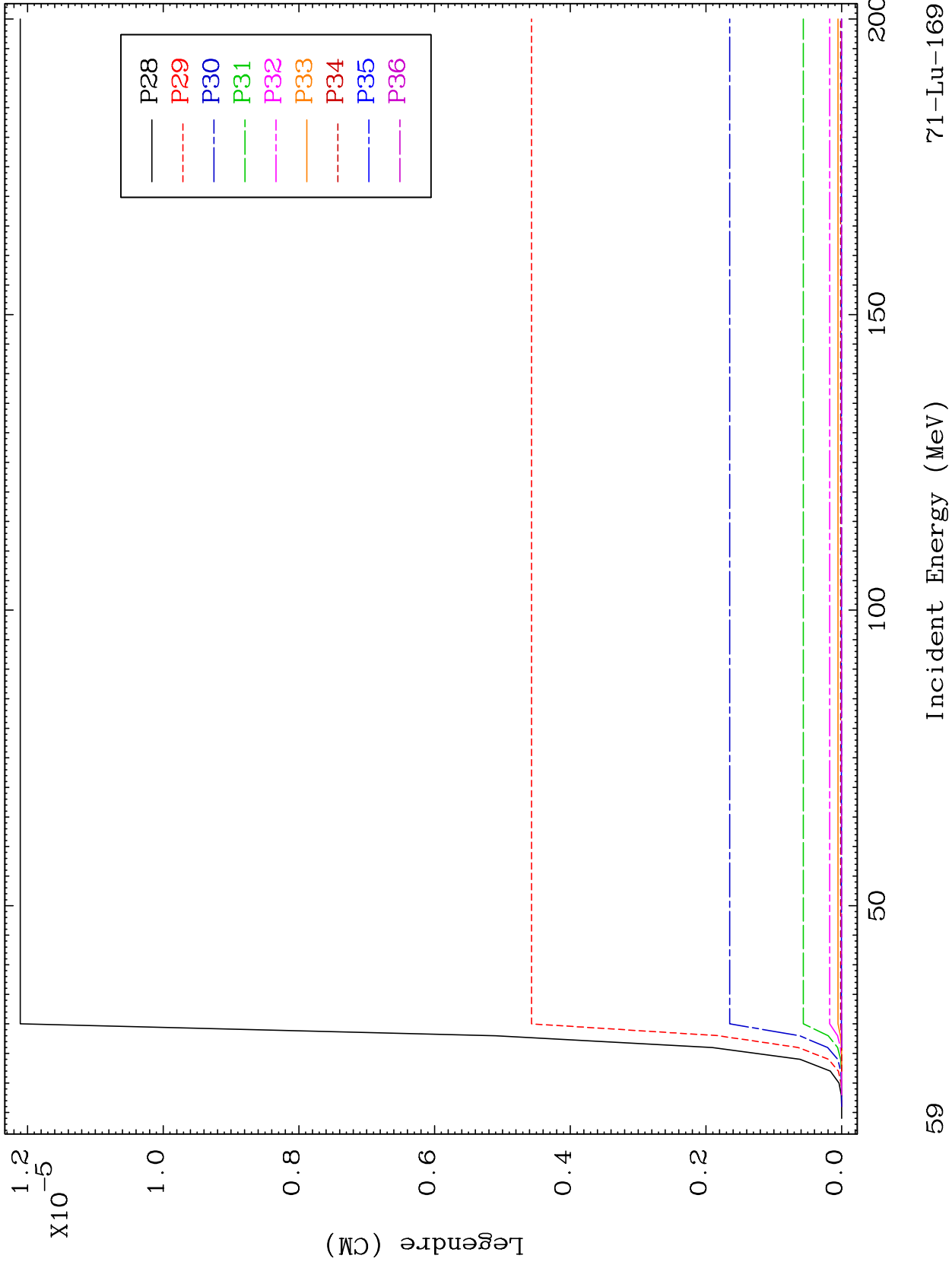
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

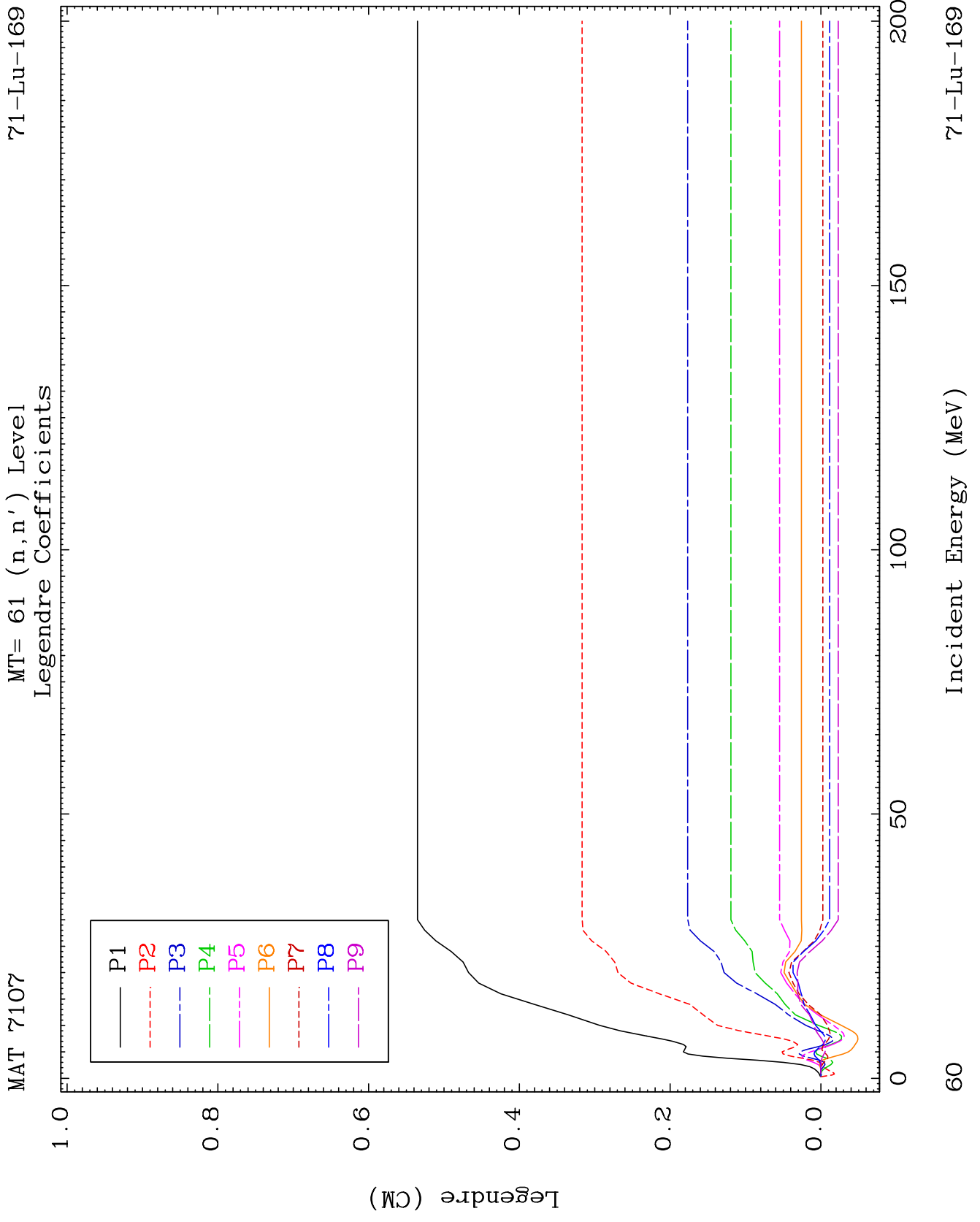
71-Lu-169



71-Lu-169

Incident Energy (MeV)

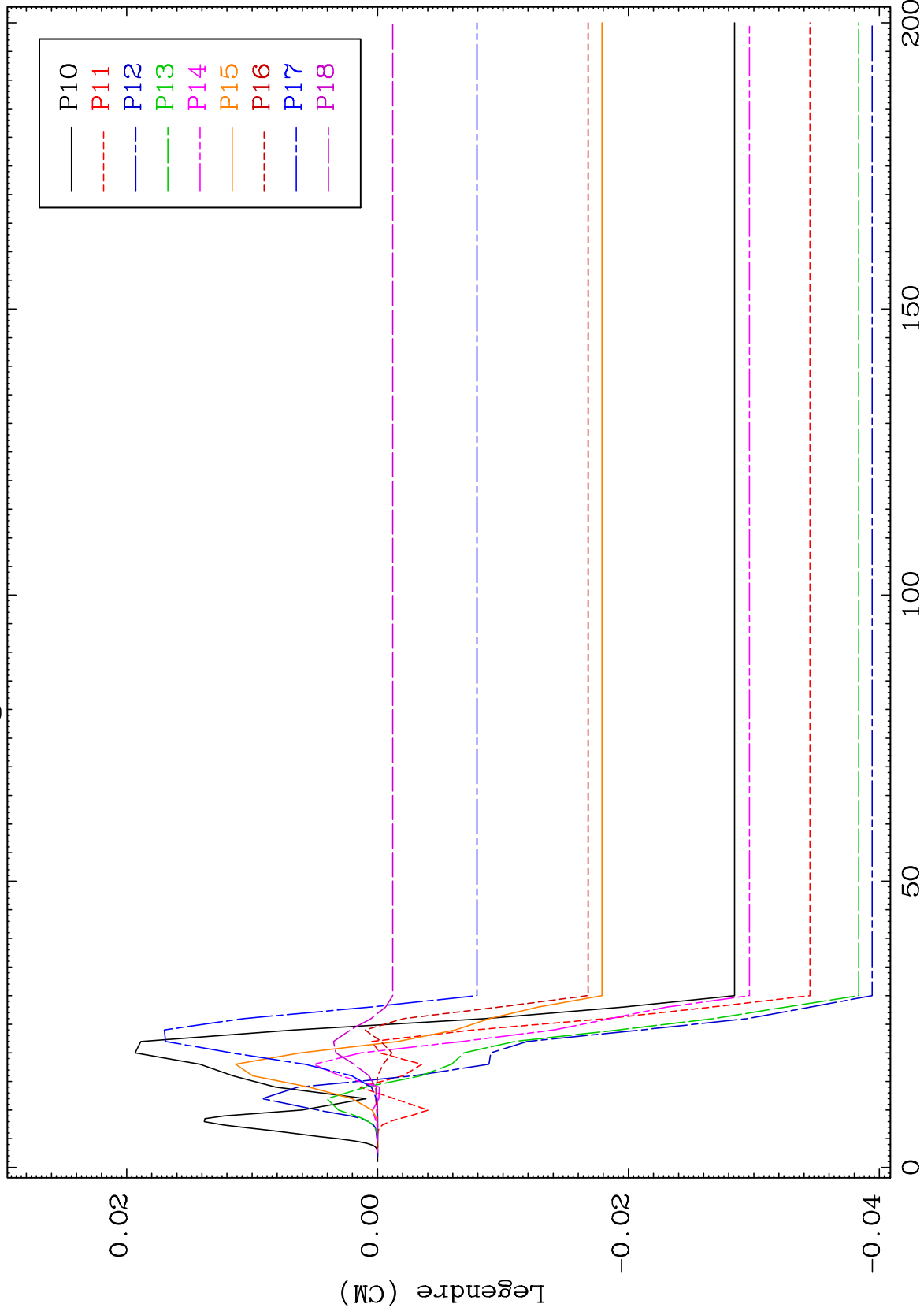
59



MAT 7107

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

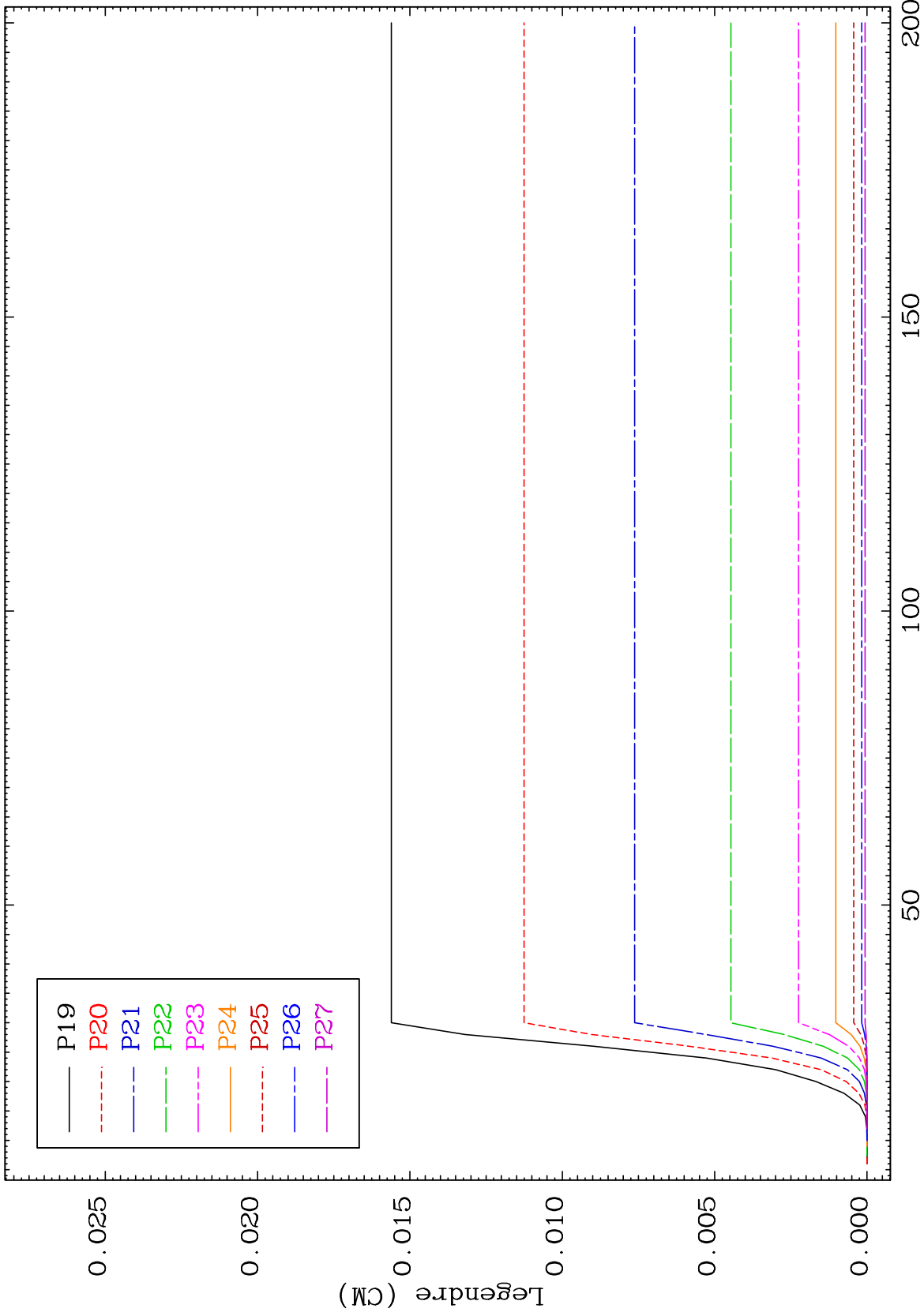
71-Lu-169



61

Incident Energy (MeV)

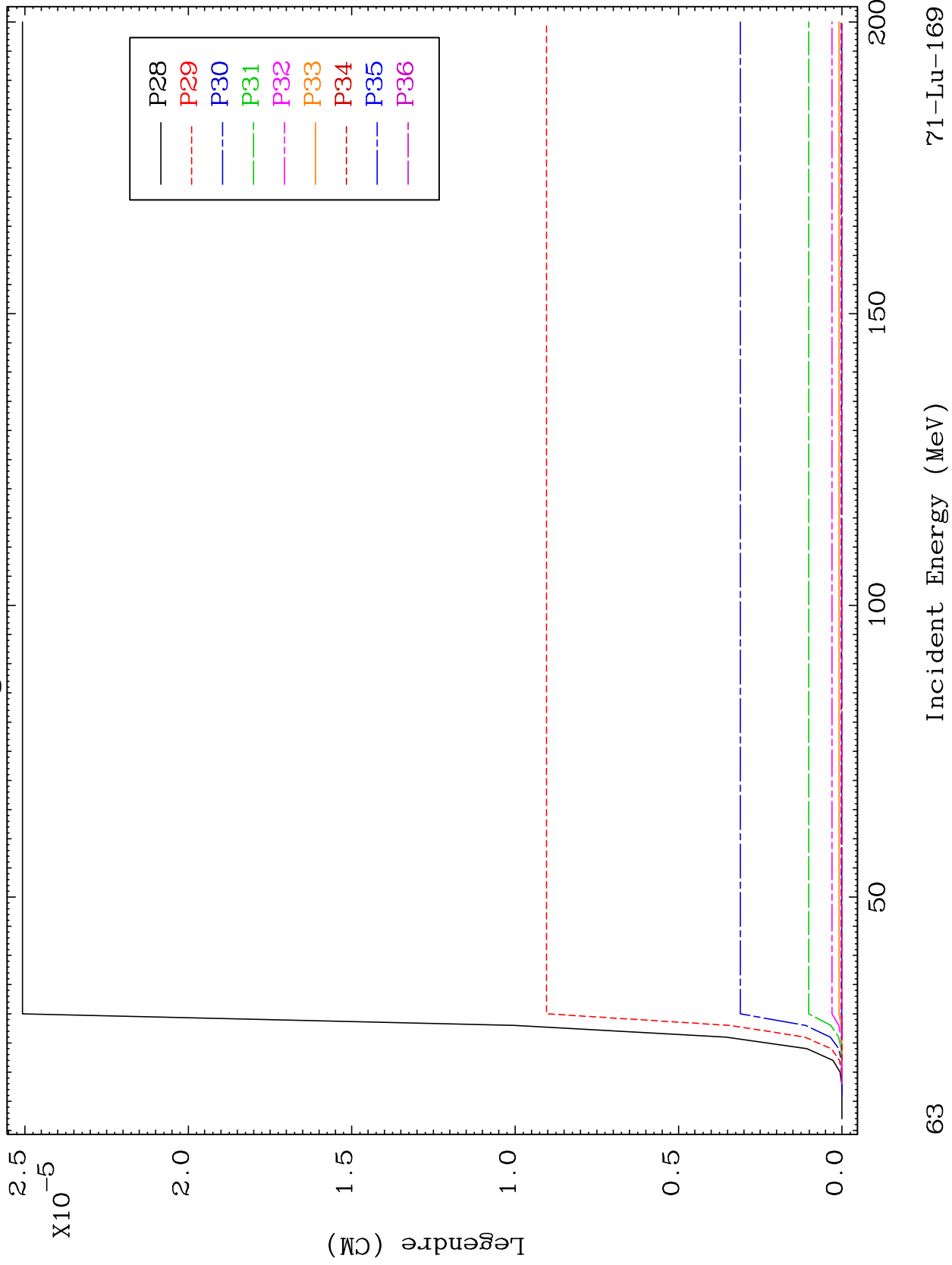
71-Lu-169



MAT 7107

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

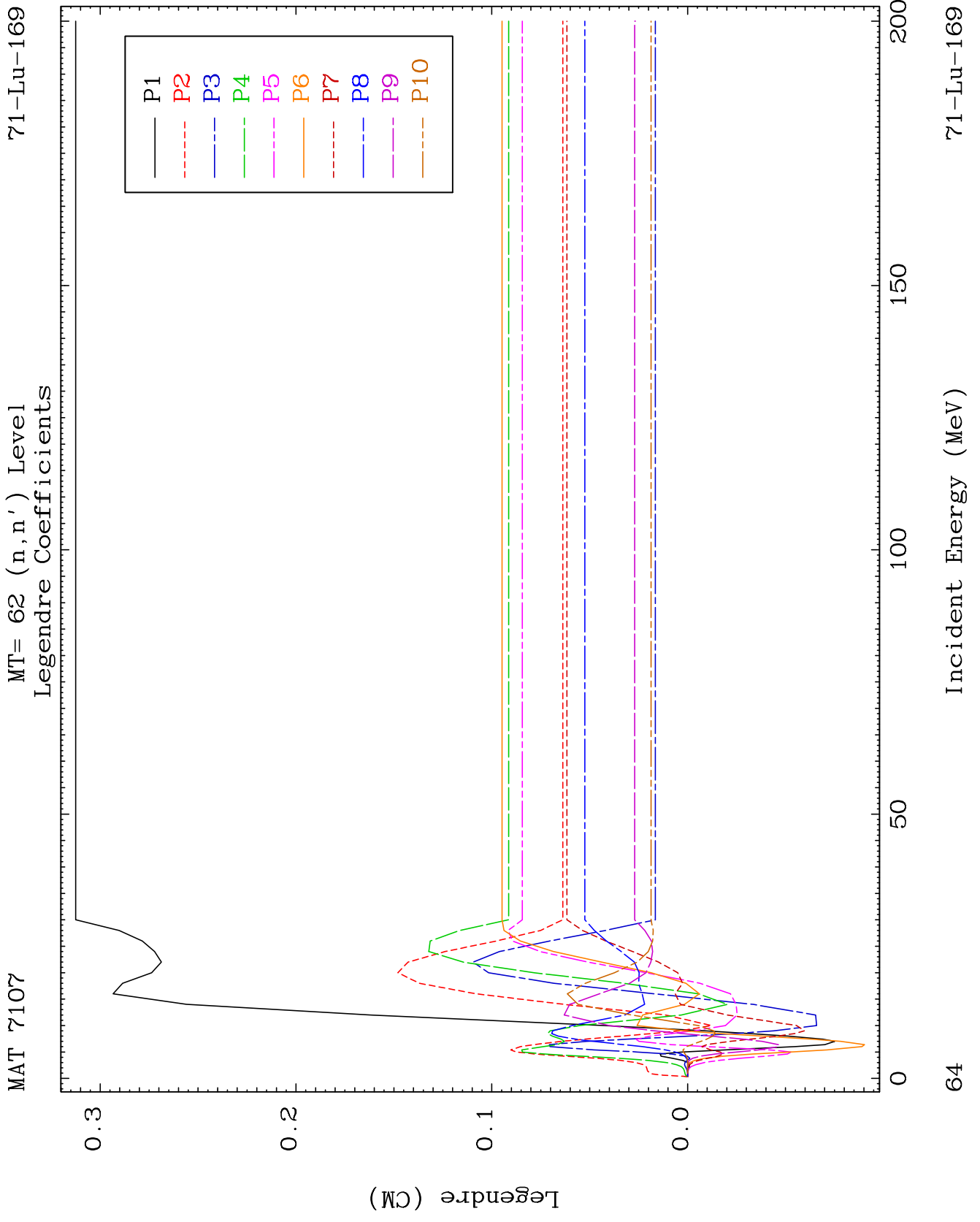
71-Lu-169



63

Incident Energy (MeV)

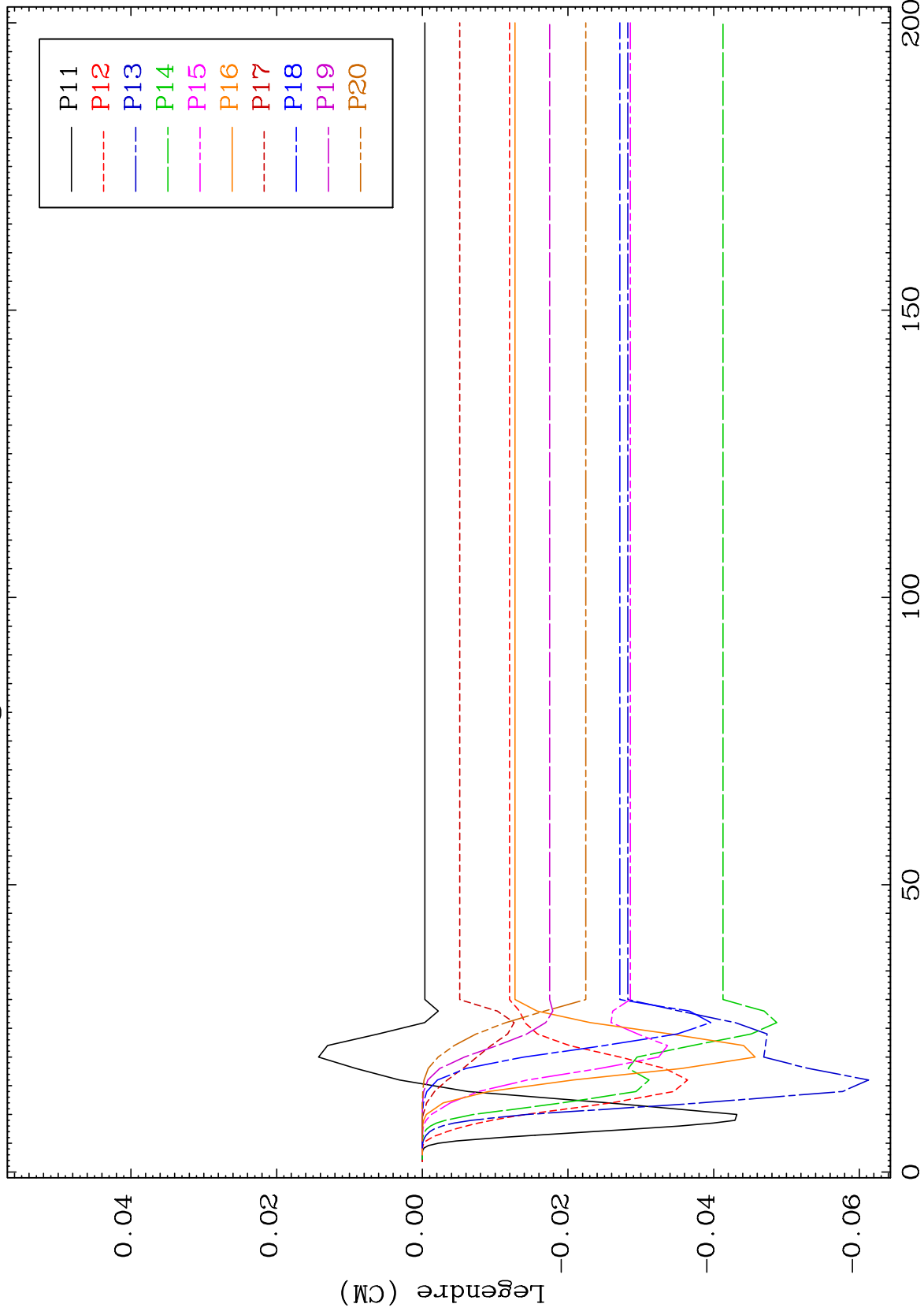
71-Lu-169



MAT 7107

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

71-Lu-169

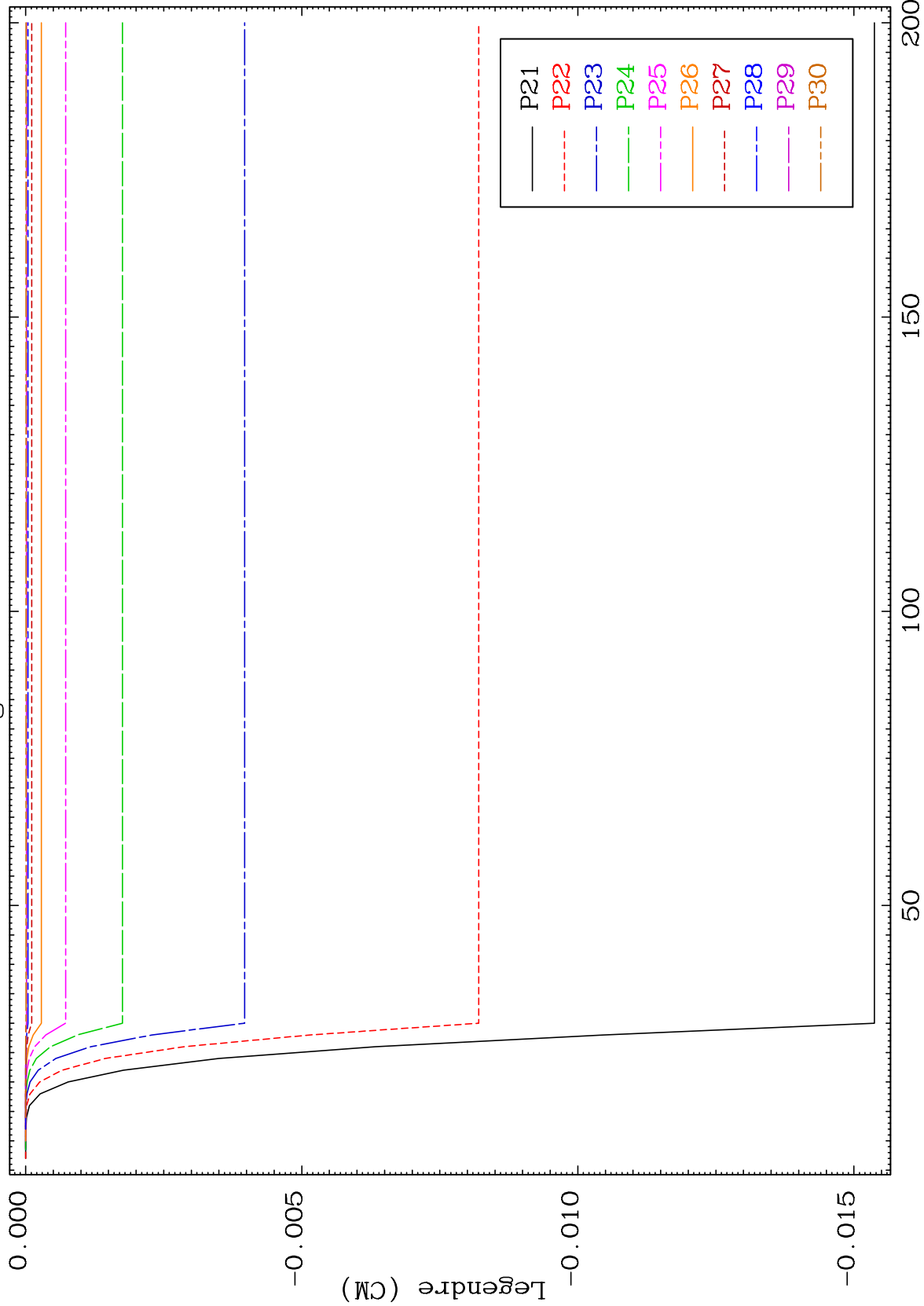


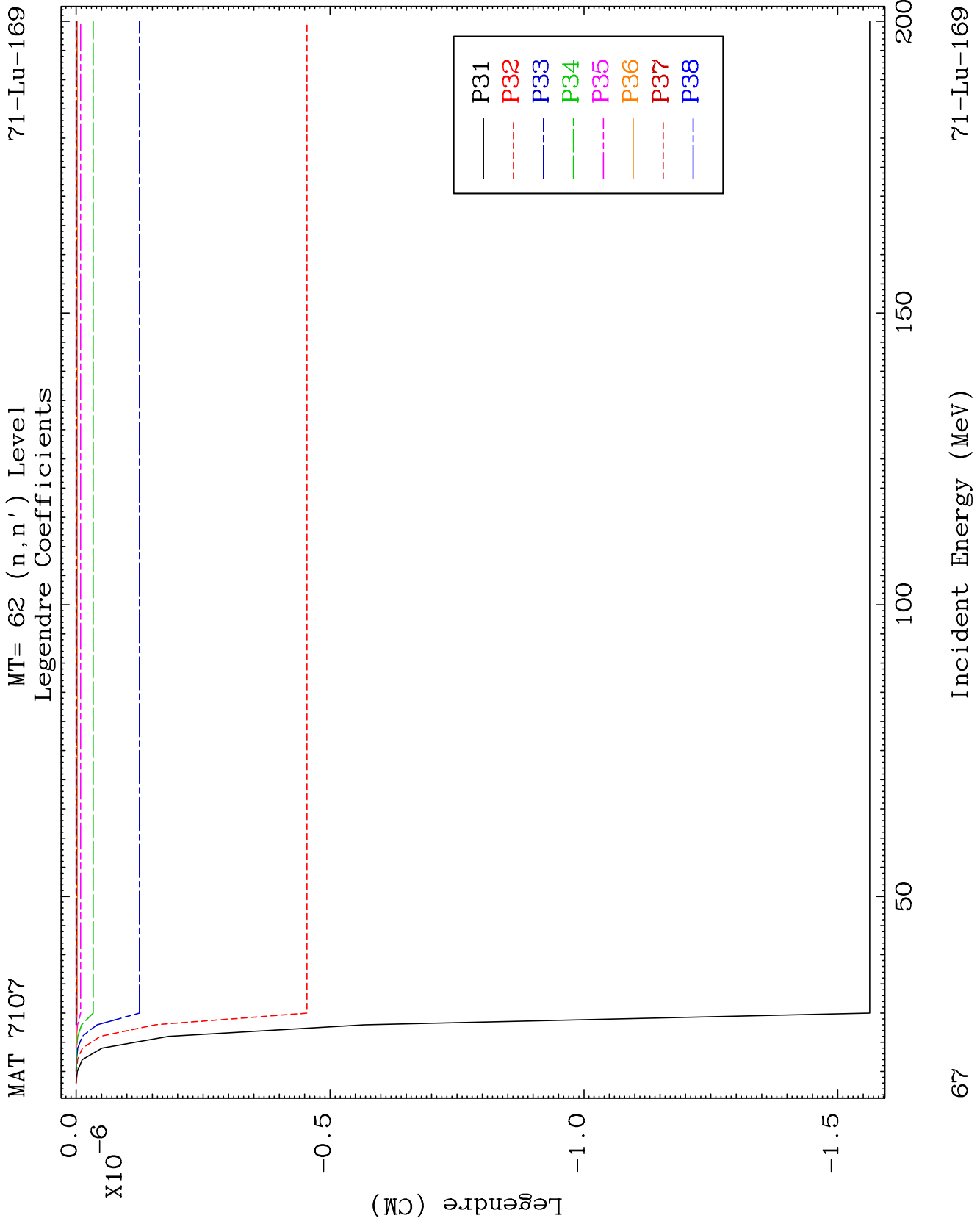
65

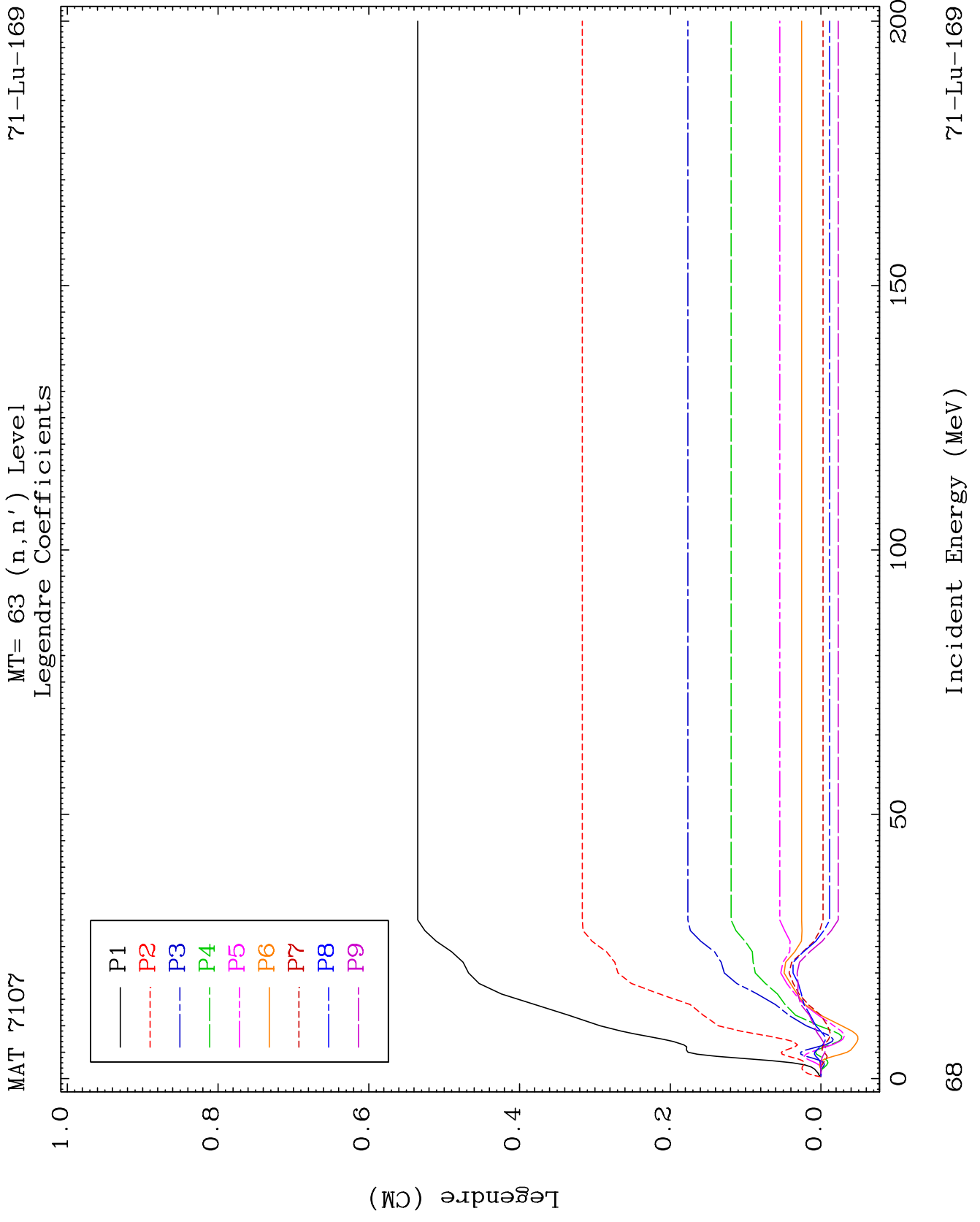
71-Lu-169

71-Lu-169

Legendre Coefficients



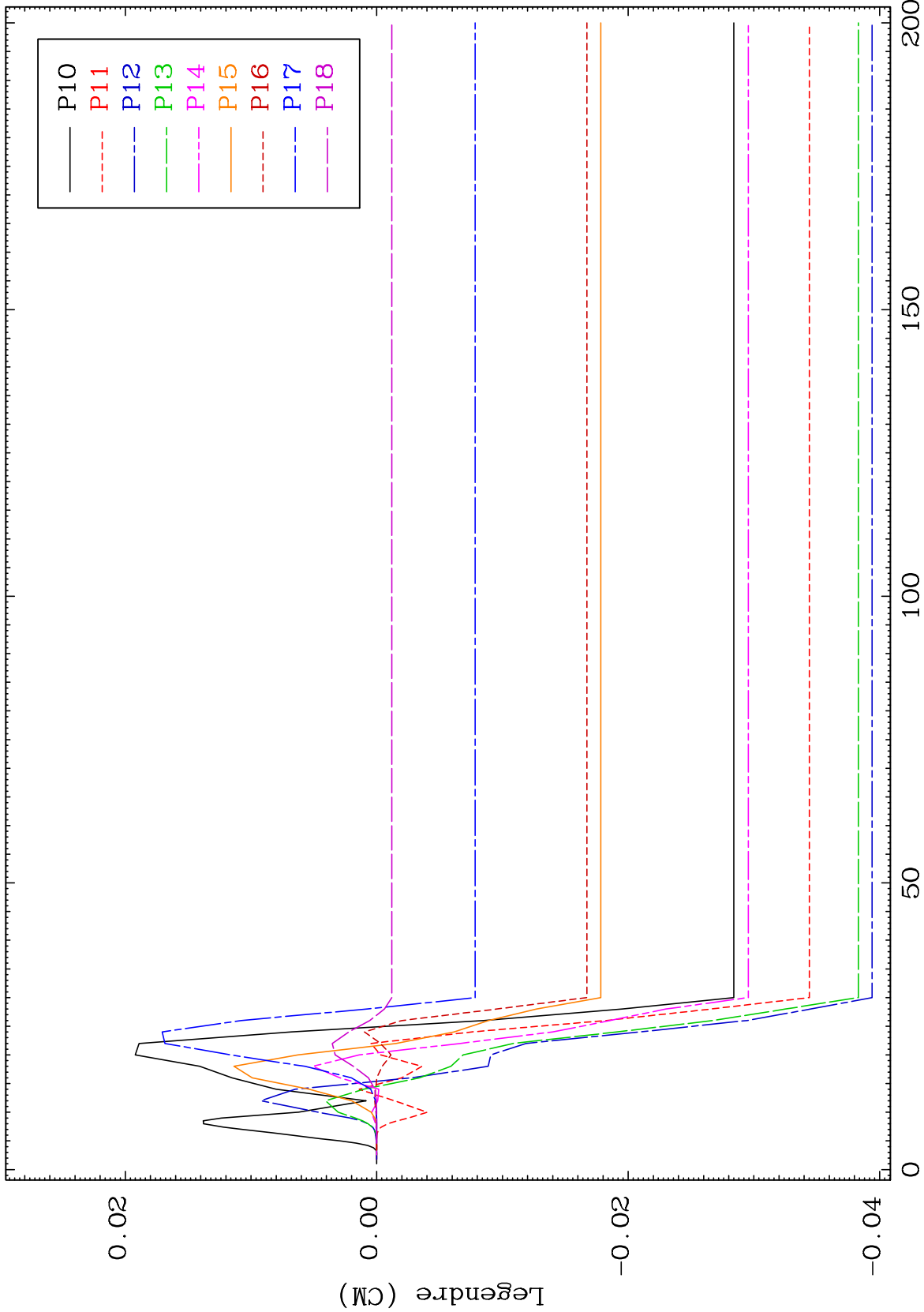




MAT 7107

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

71-Lu-169



69

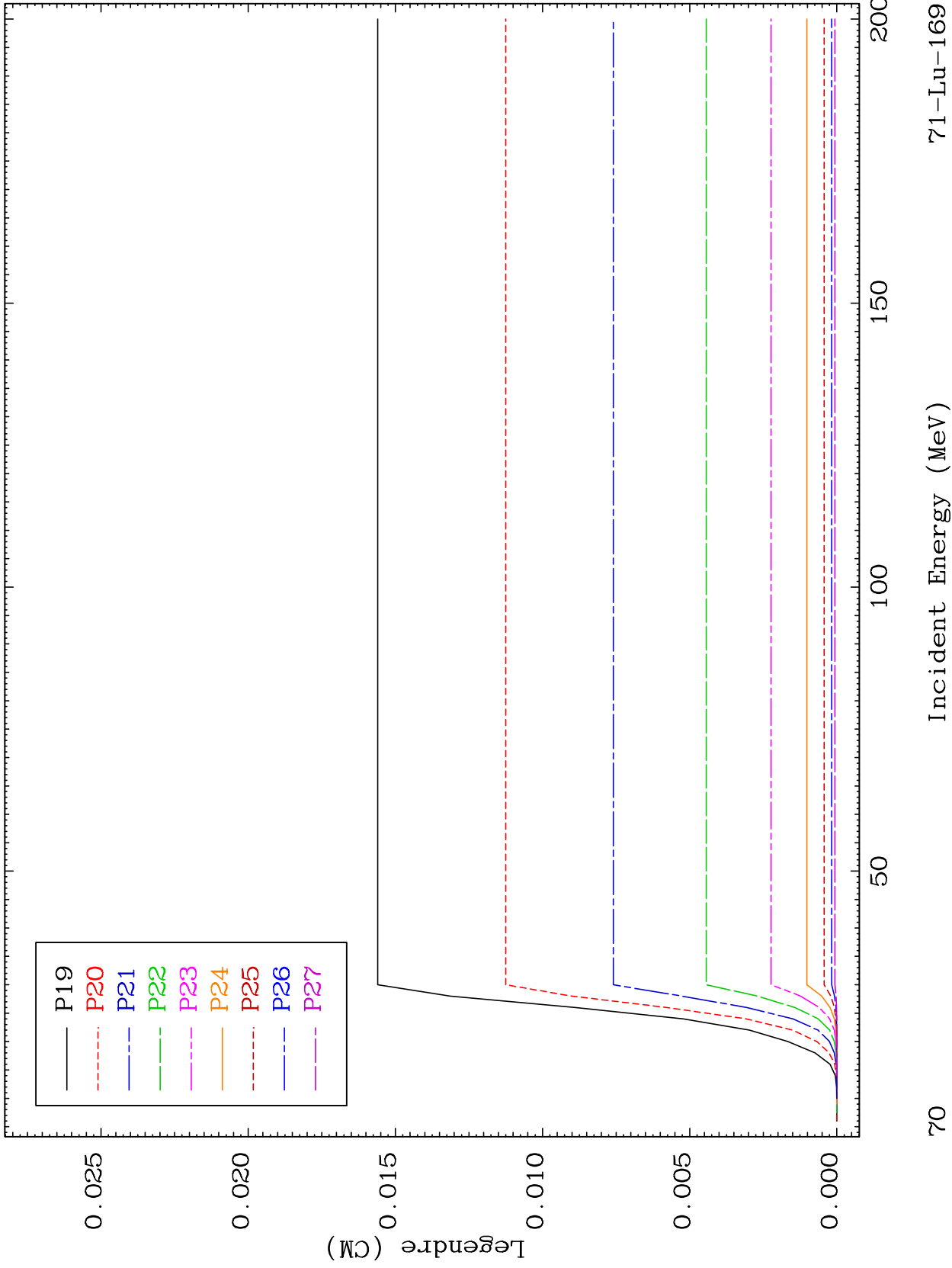
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



70

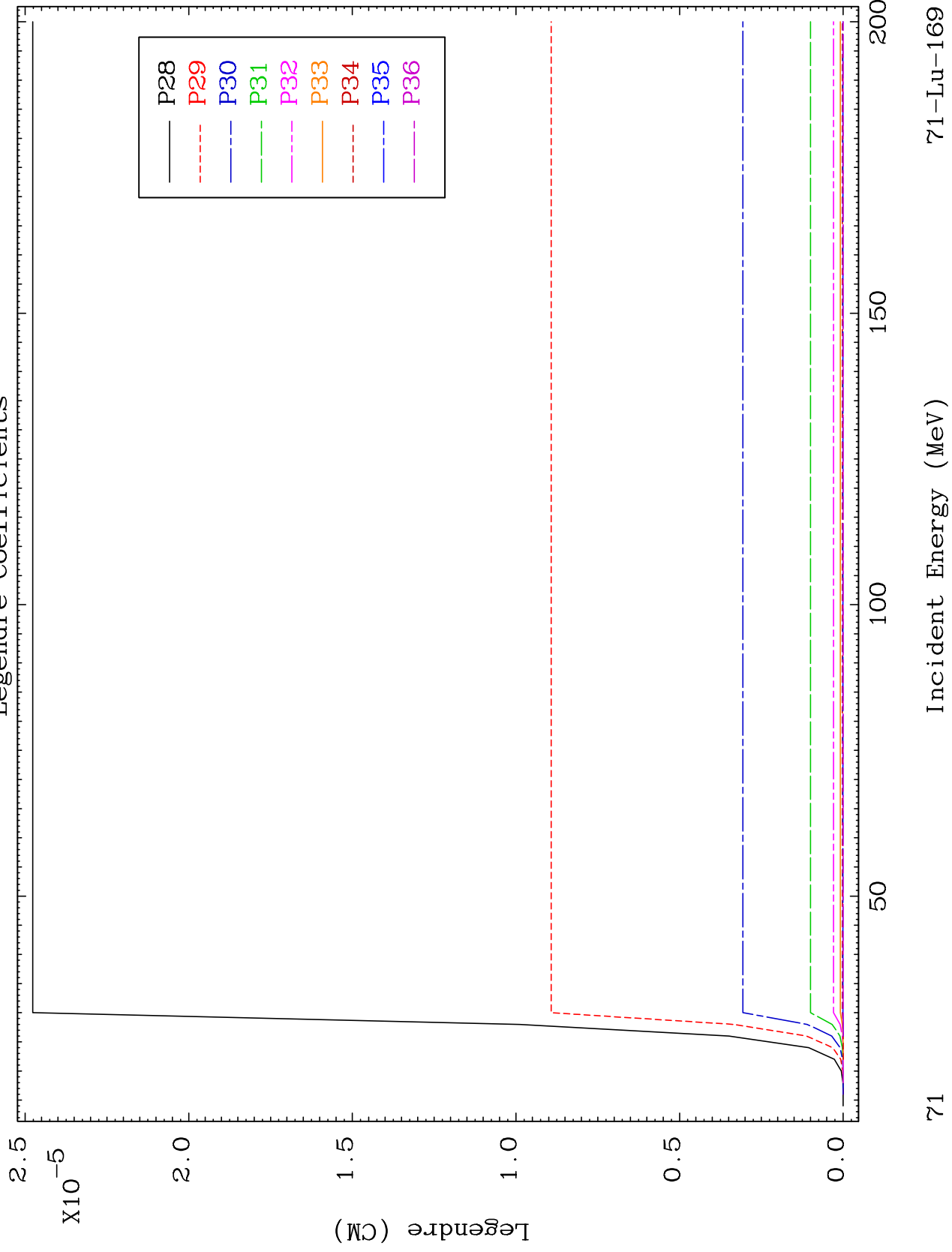
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



71

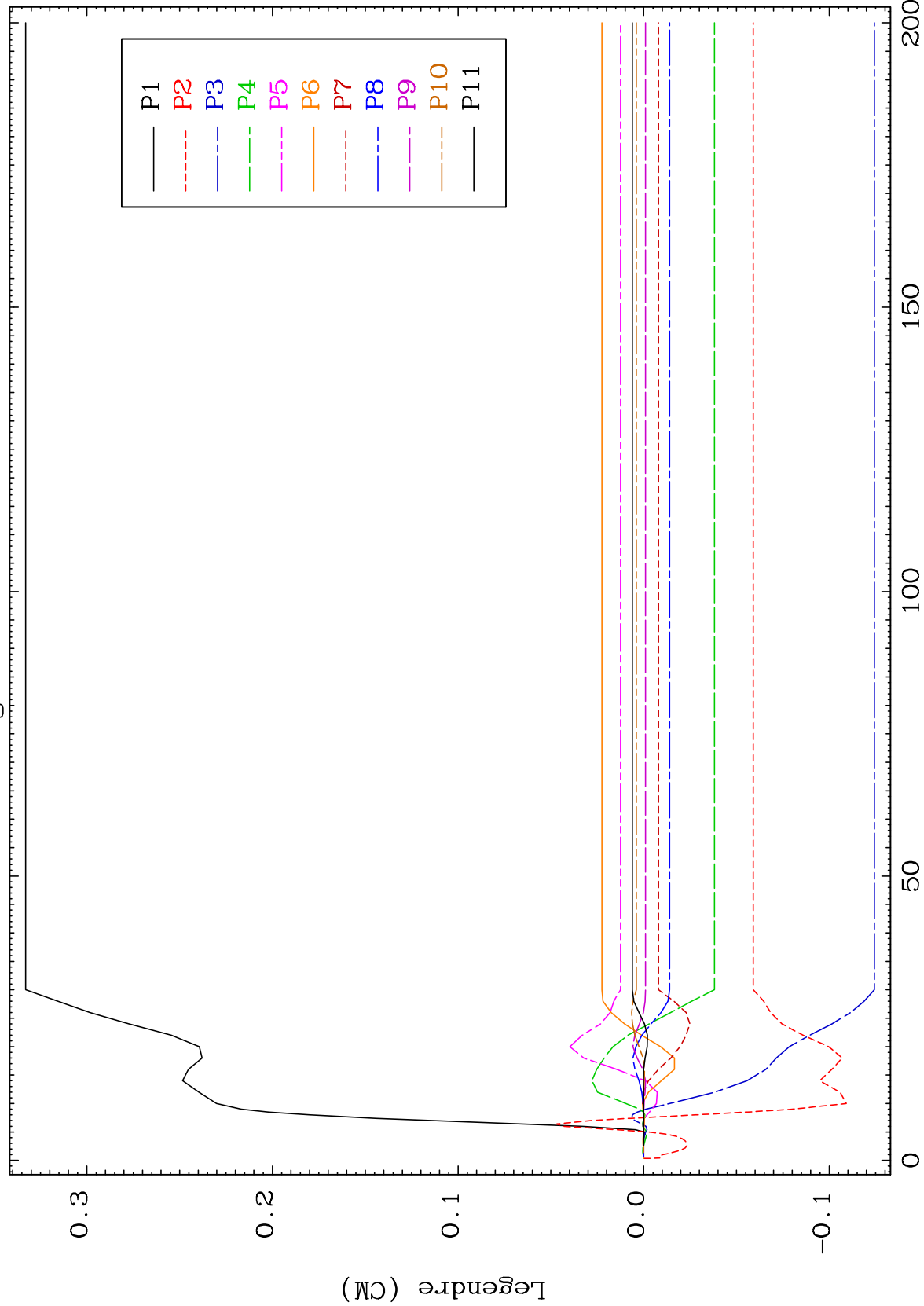
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



72

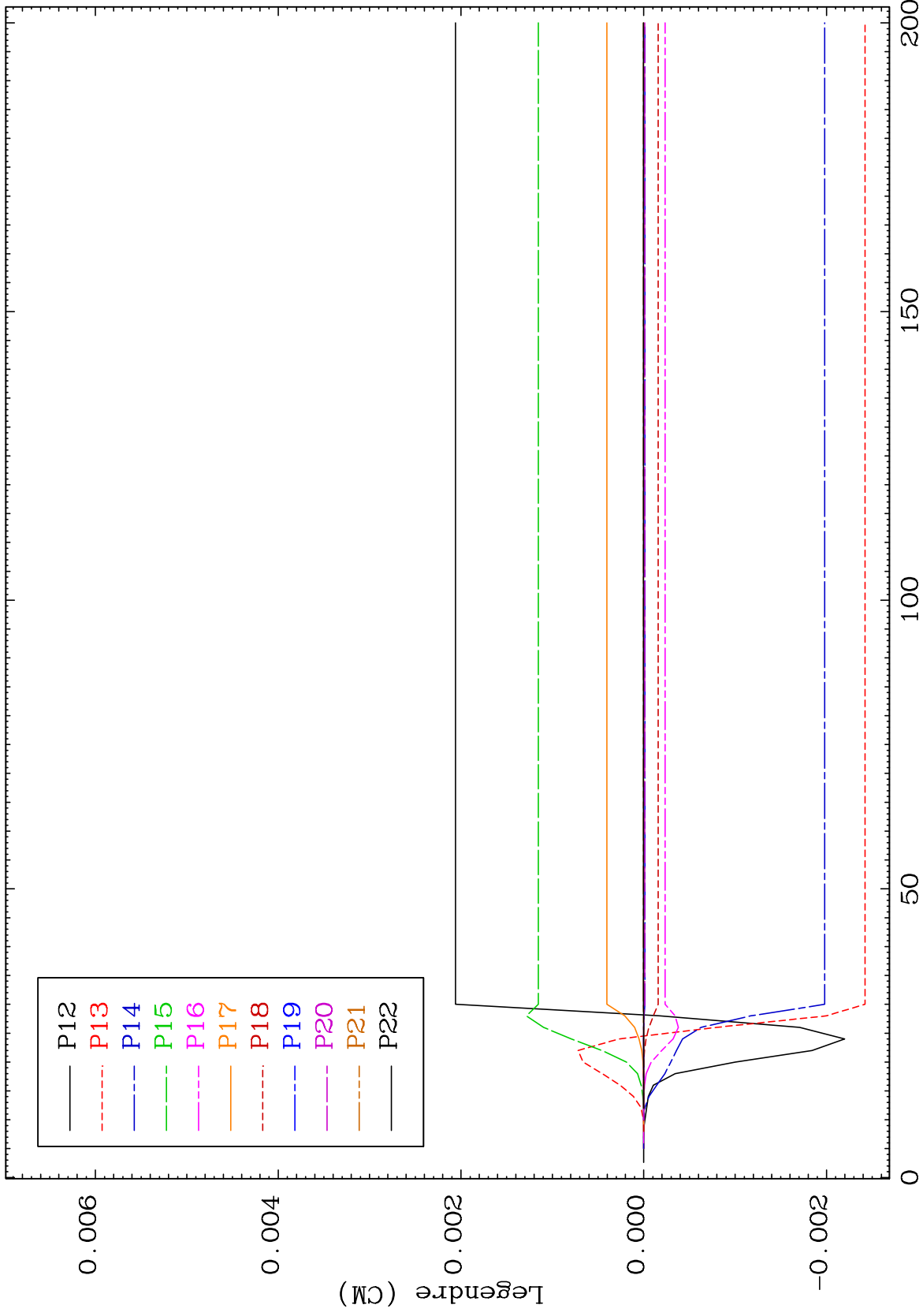
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



73

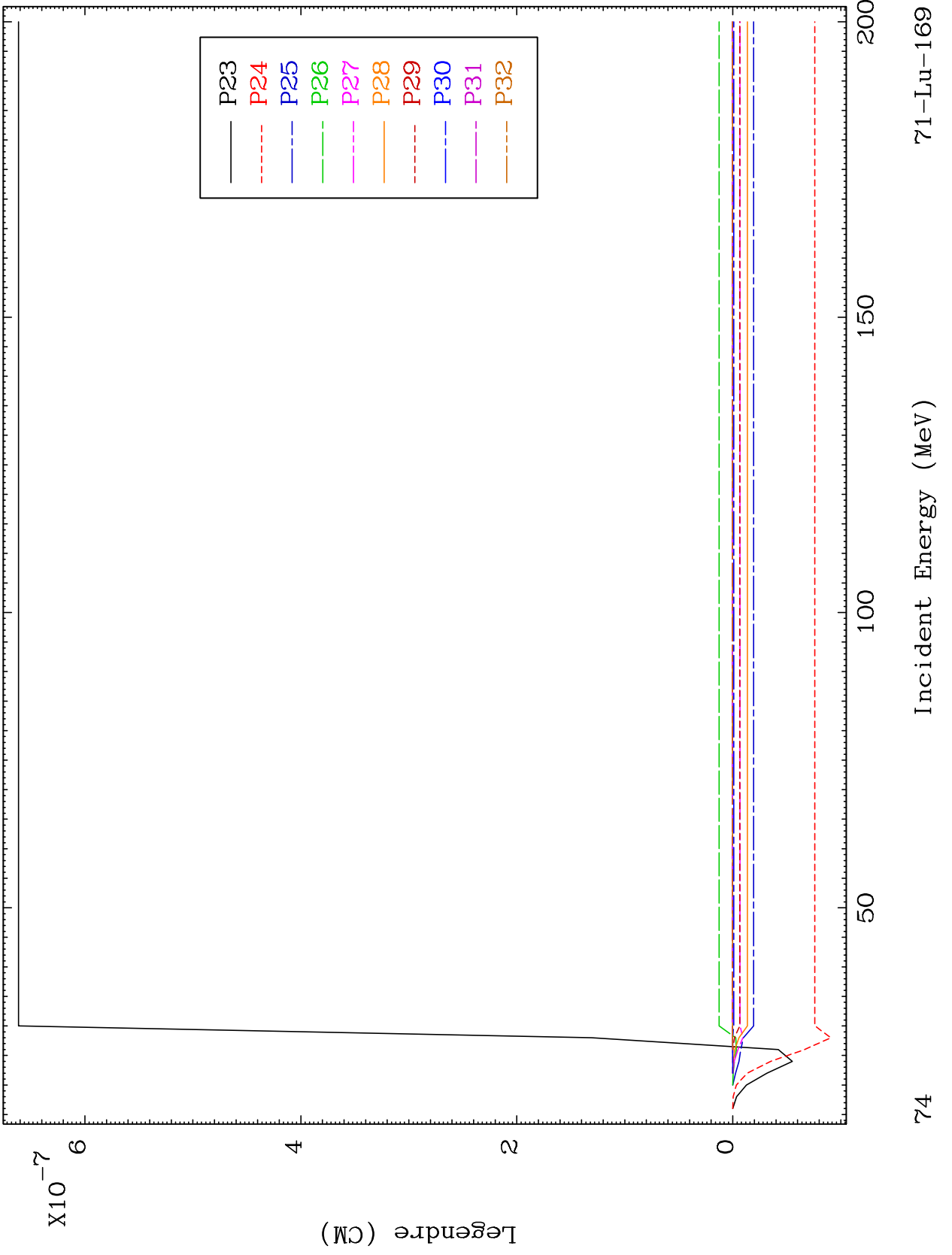
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

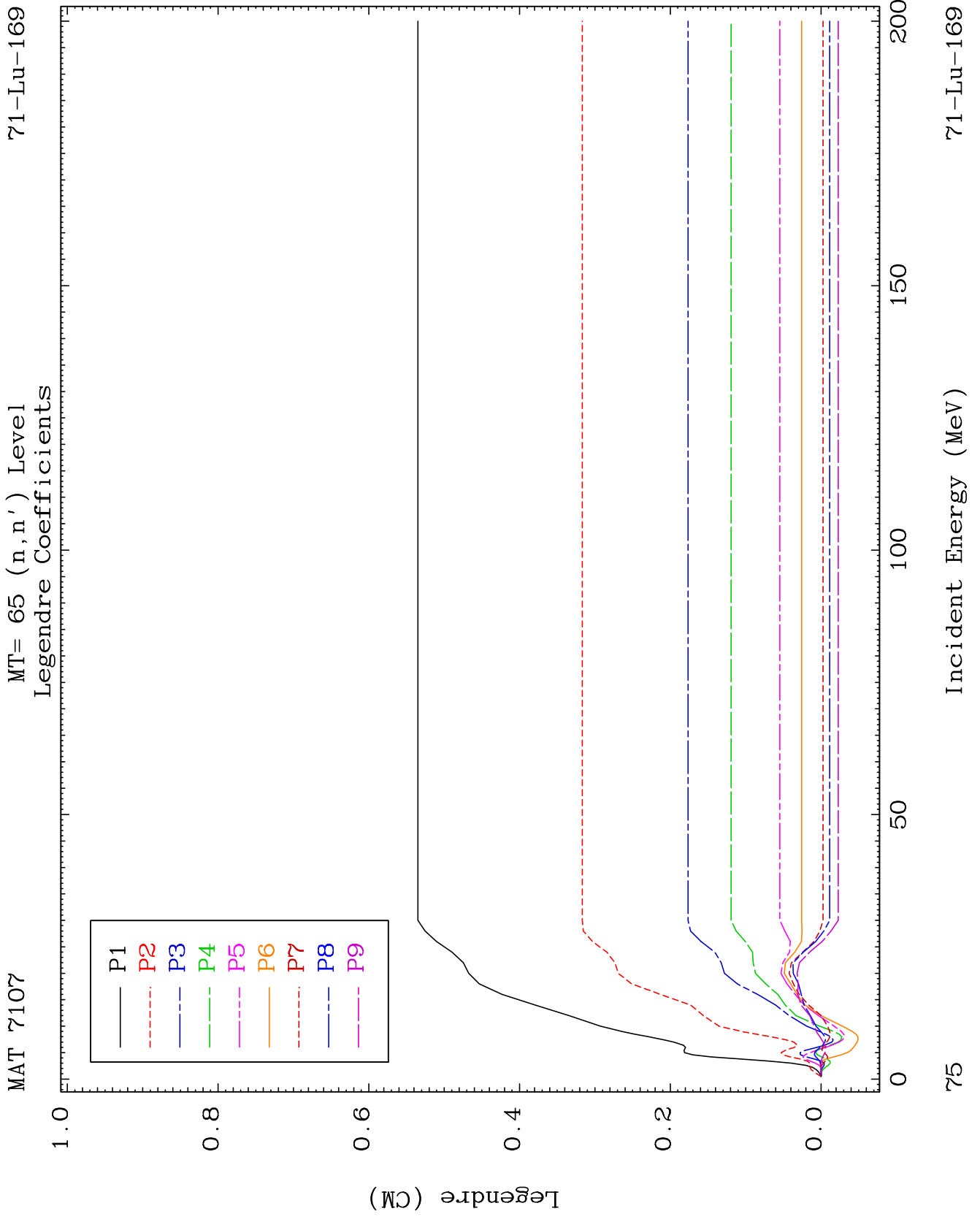
71-Lu-169

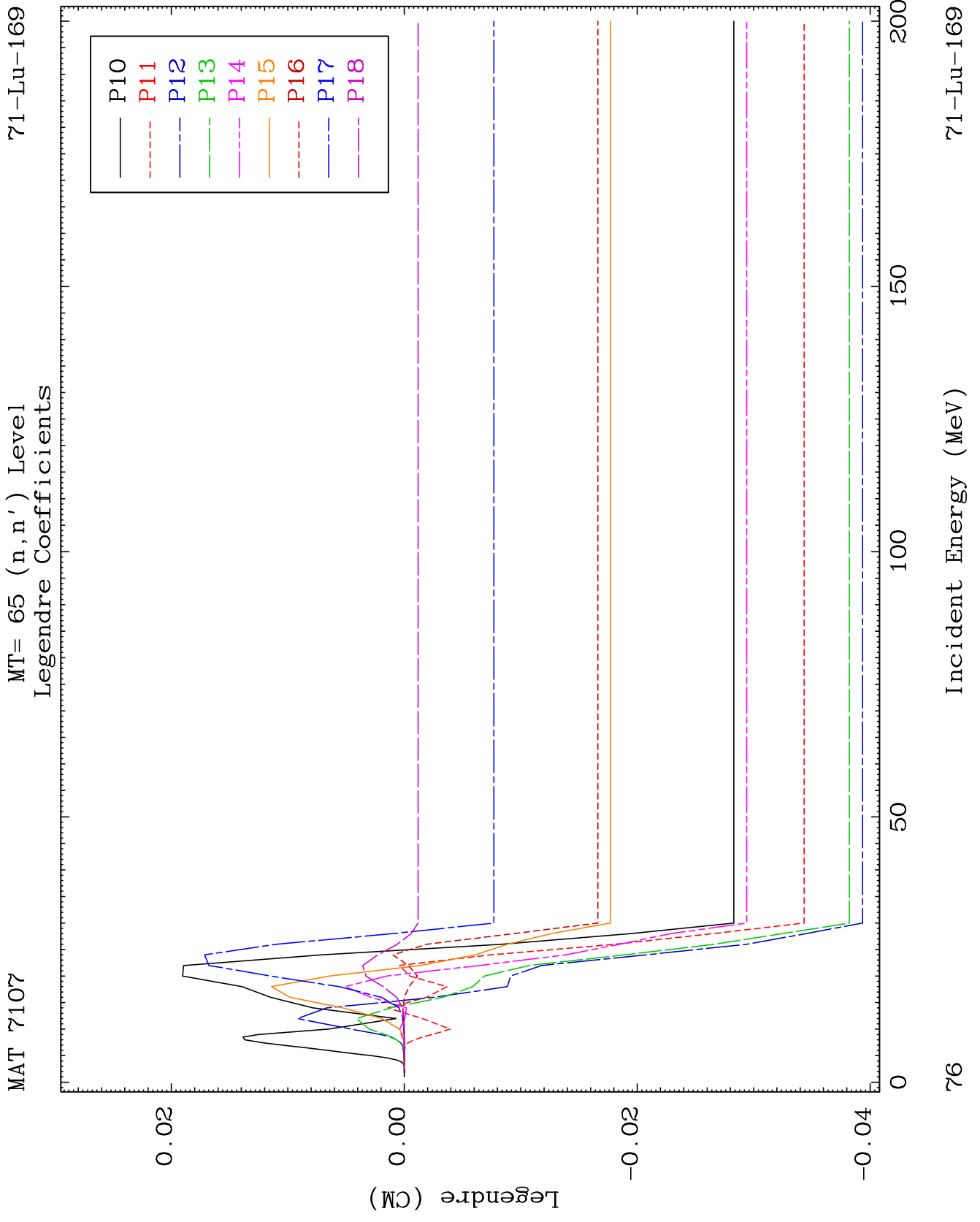


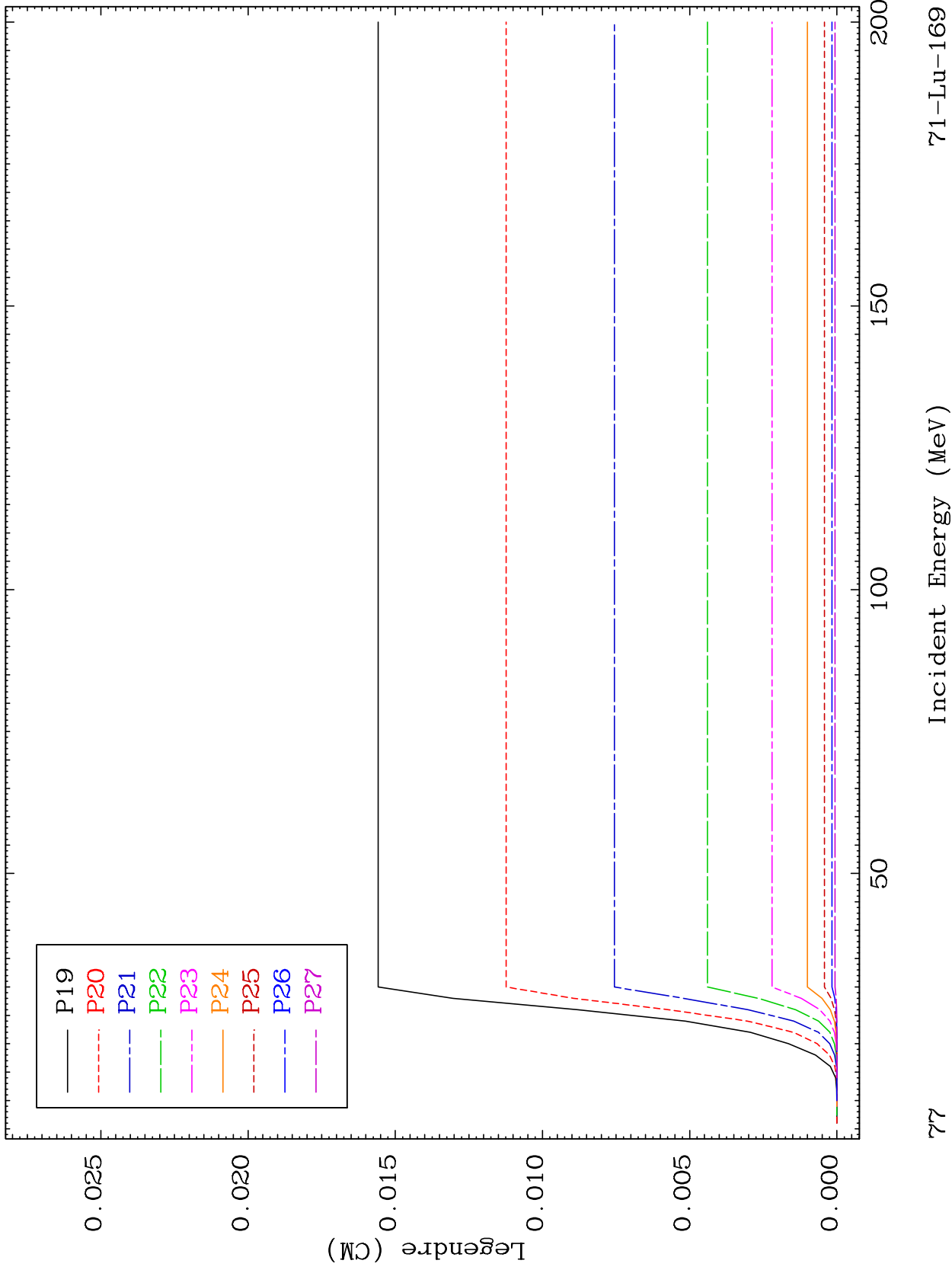
74

Incident Energy (MeV)

71-Lu-169



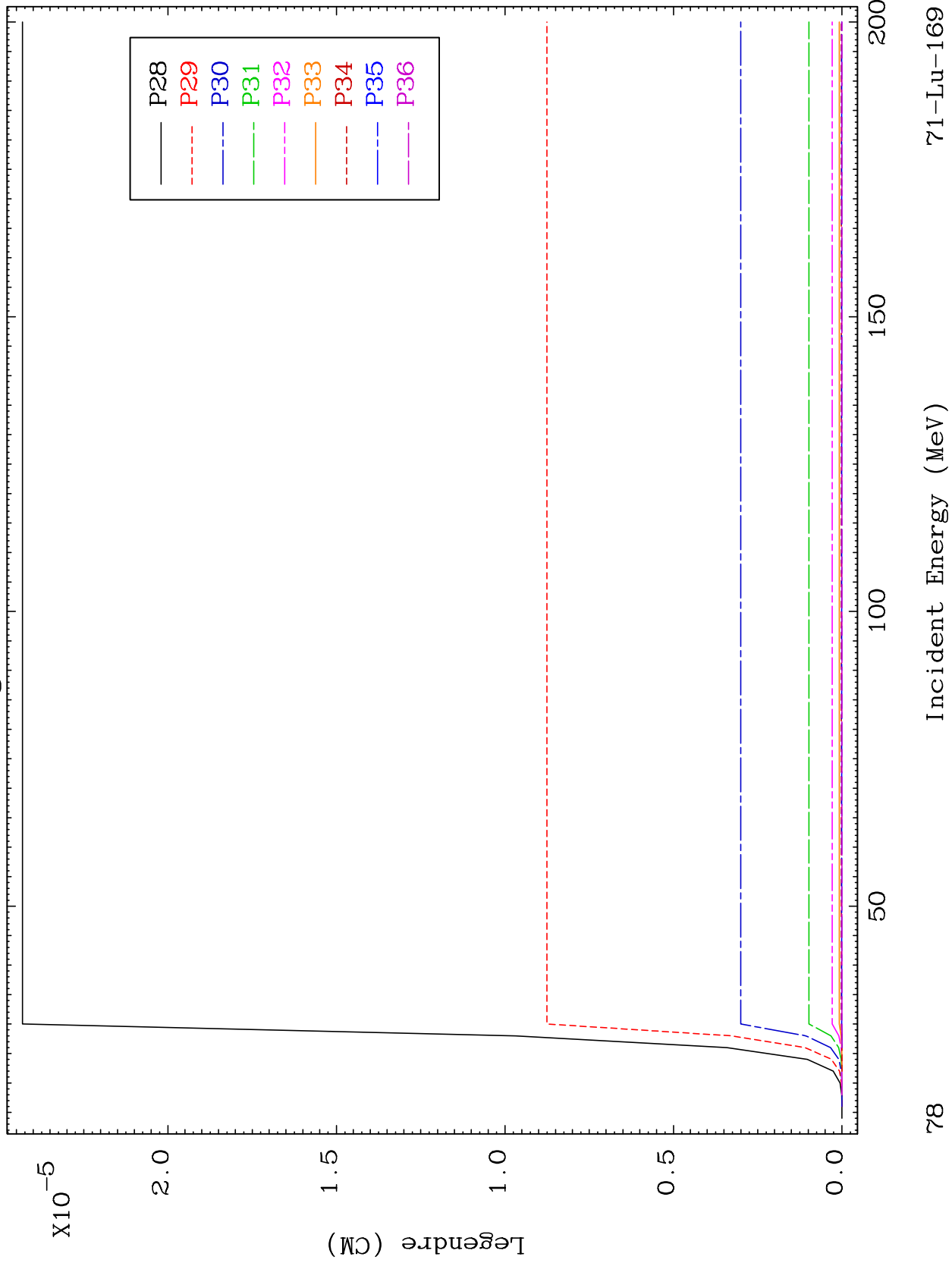




MAT 7107

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

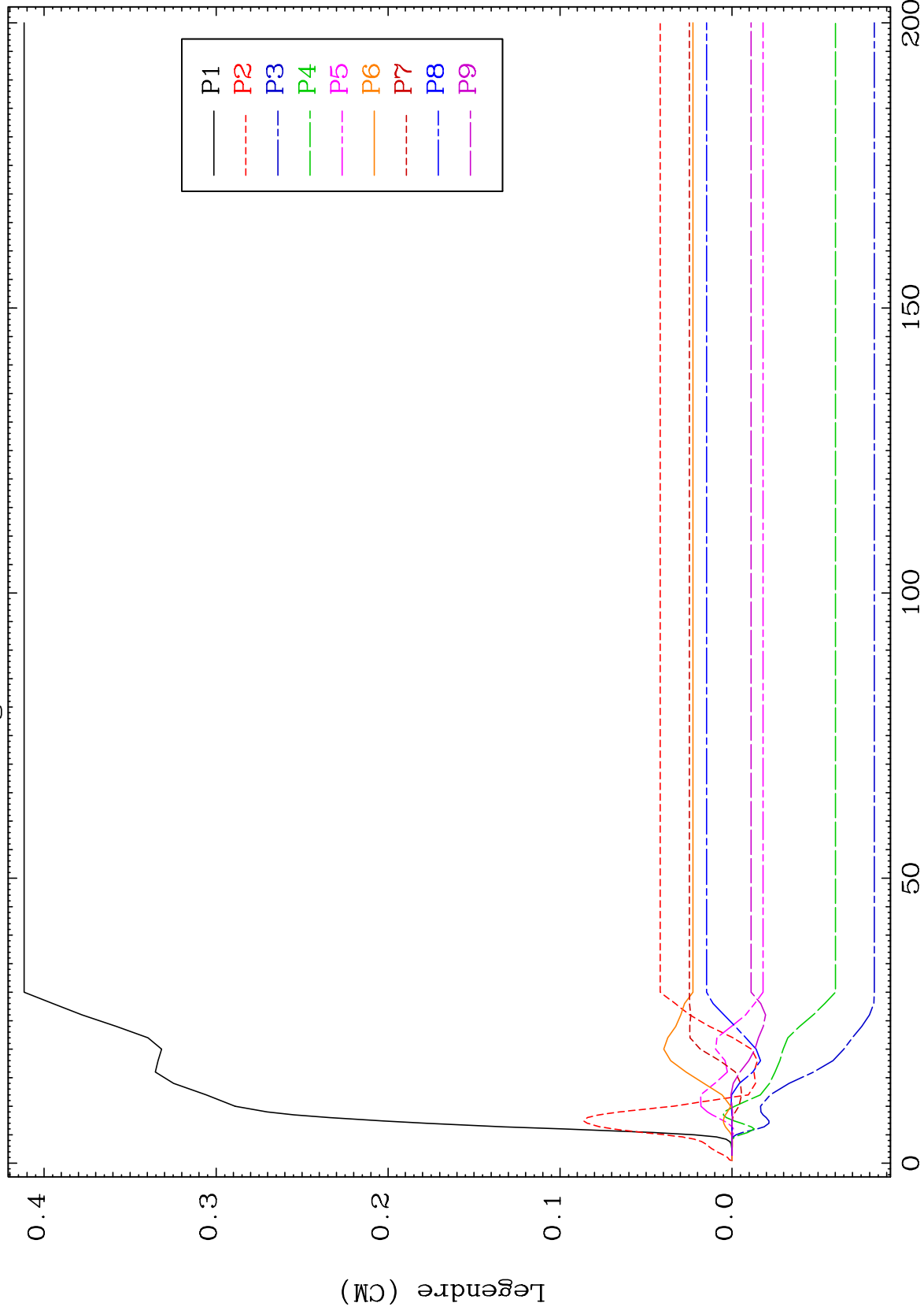
71-Lu-169



MAT 7107

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

71-Lu-169



79

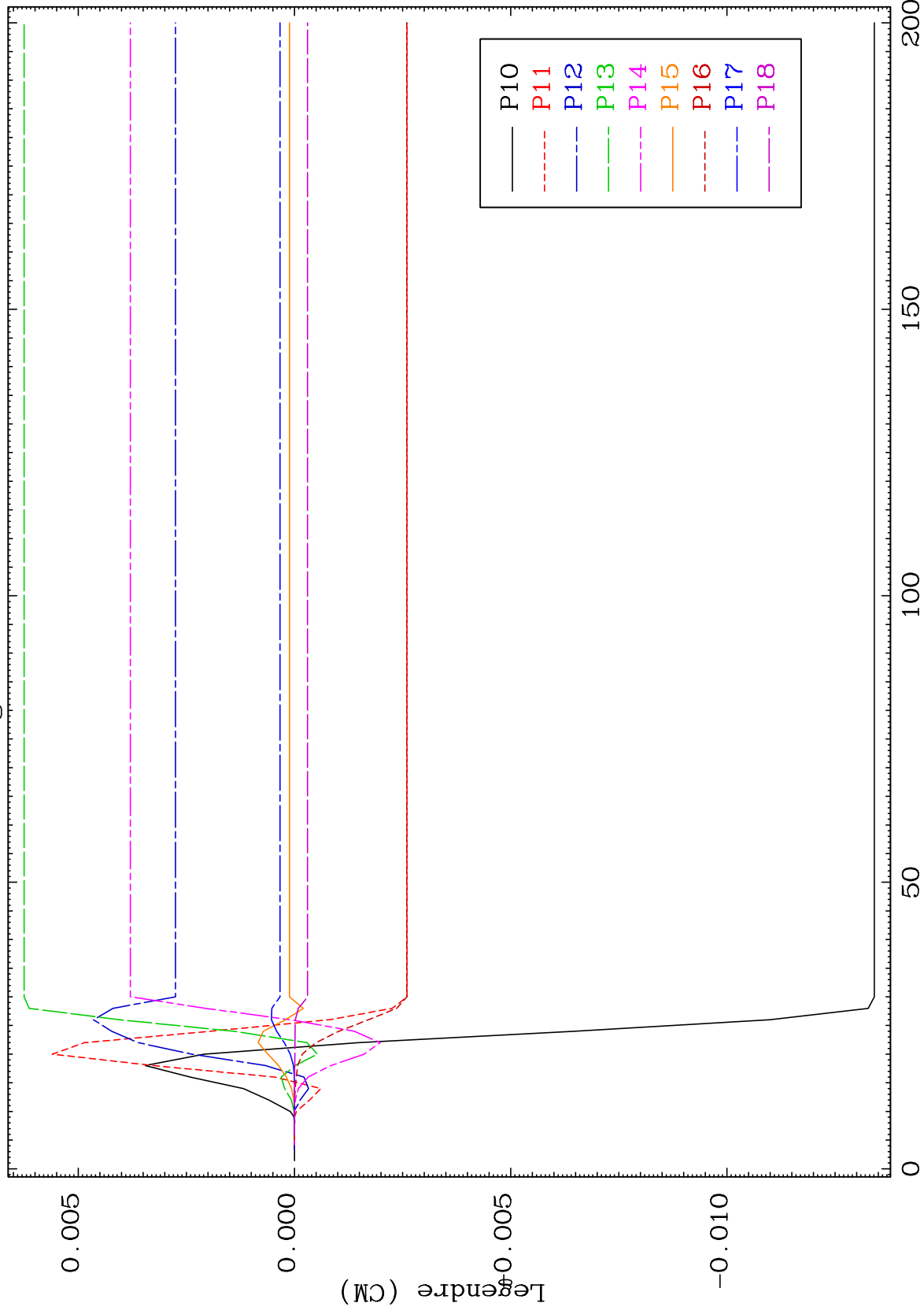
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



71-Lu-169

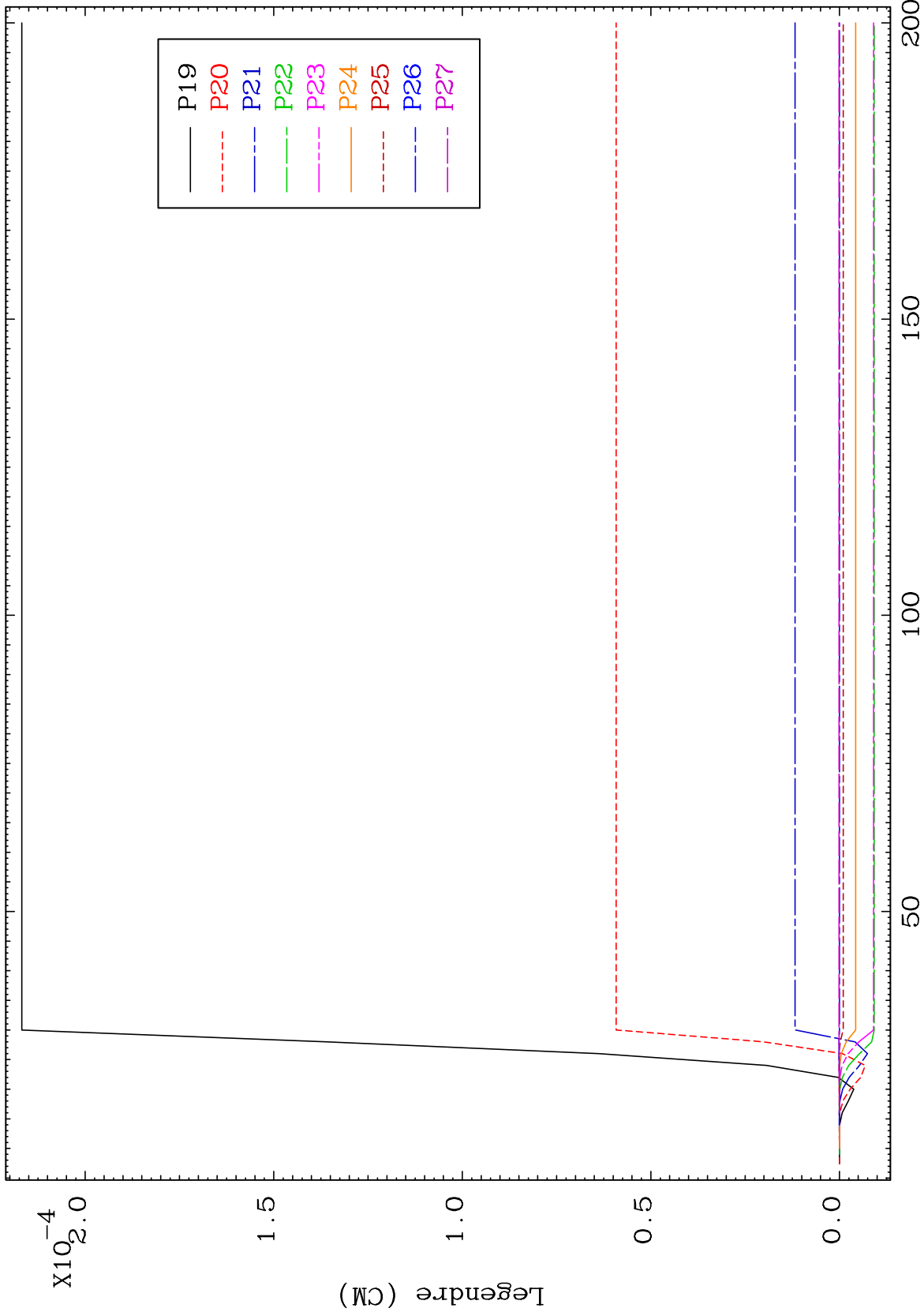
Incident Energy (MeV)

80

MAT 7107

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

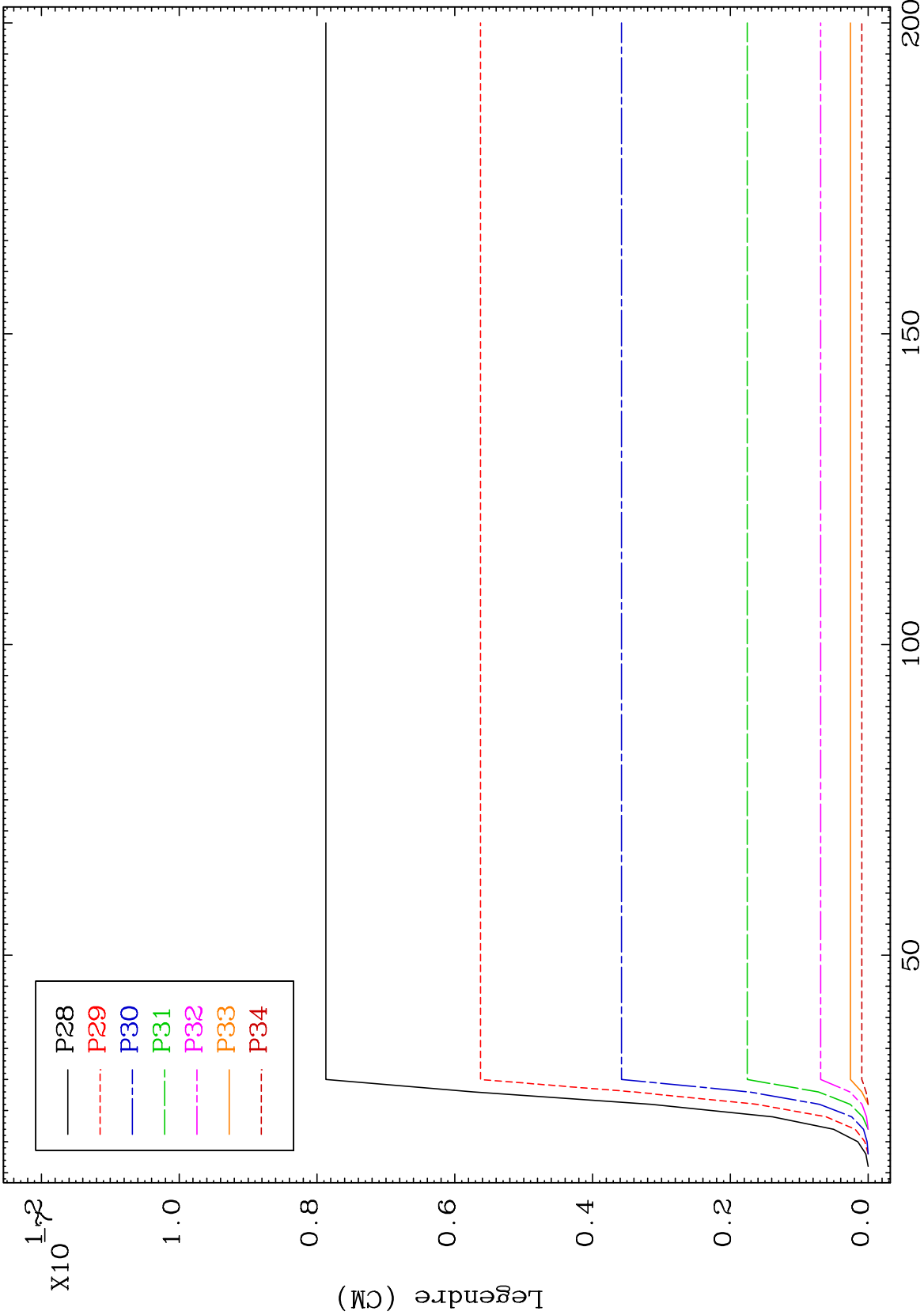
71-Lu-169

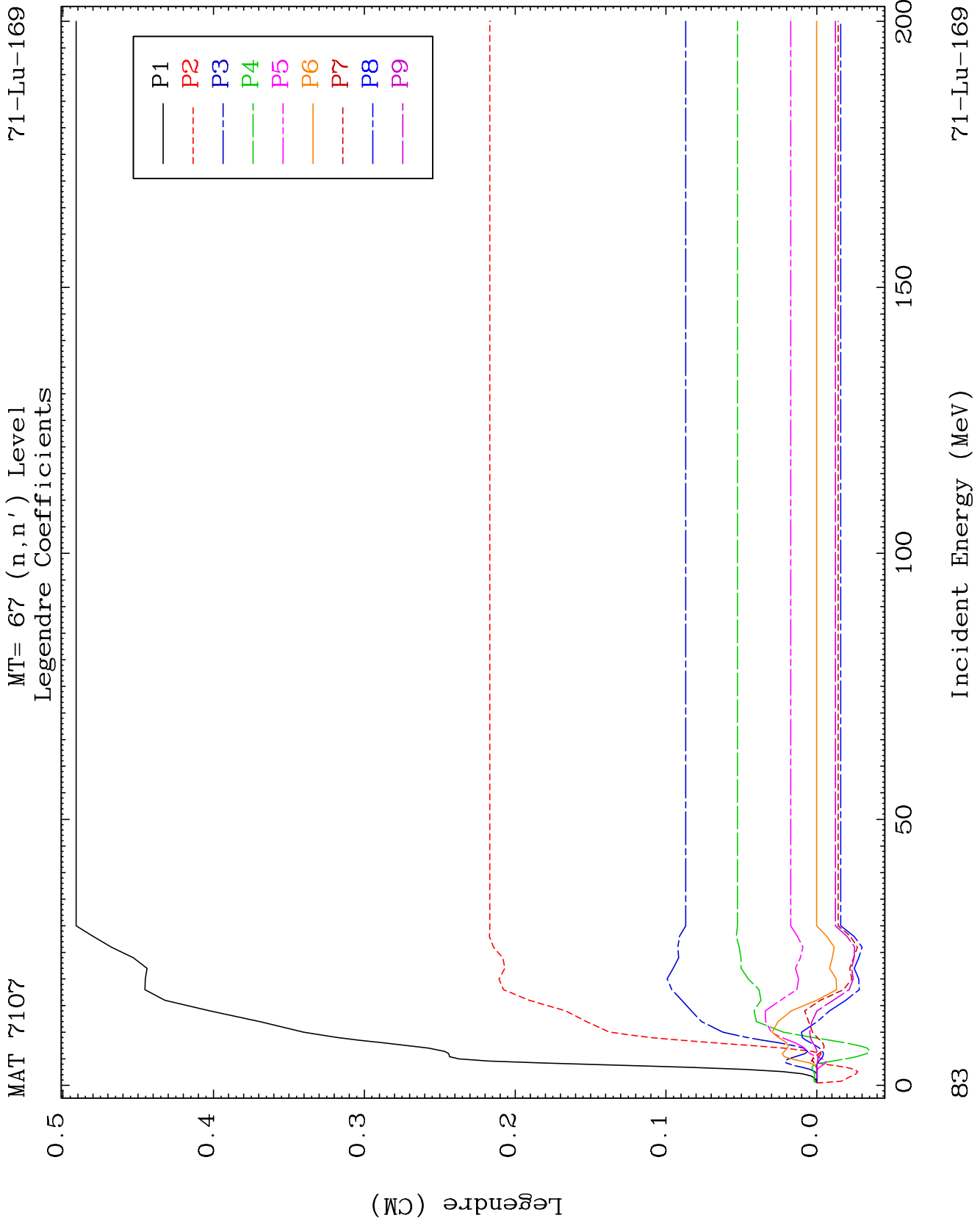


81

Incident Energy (MeV)

71-Lu-169

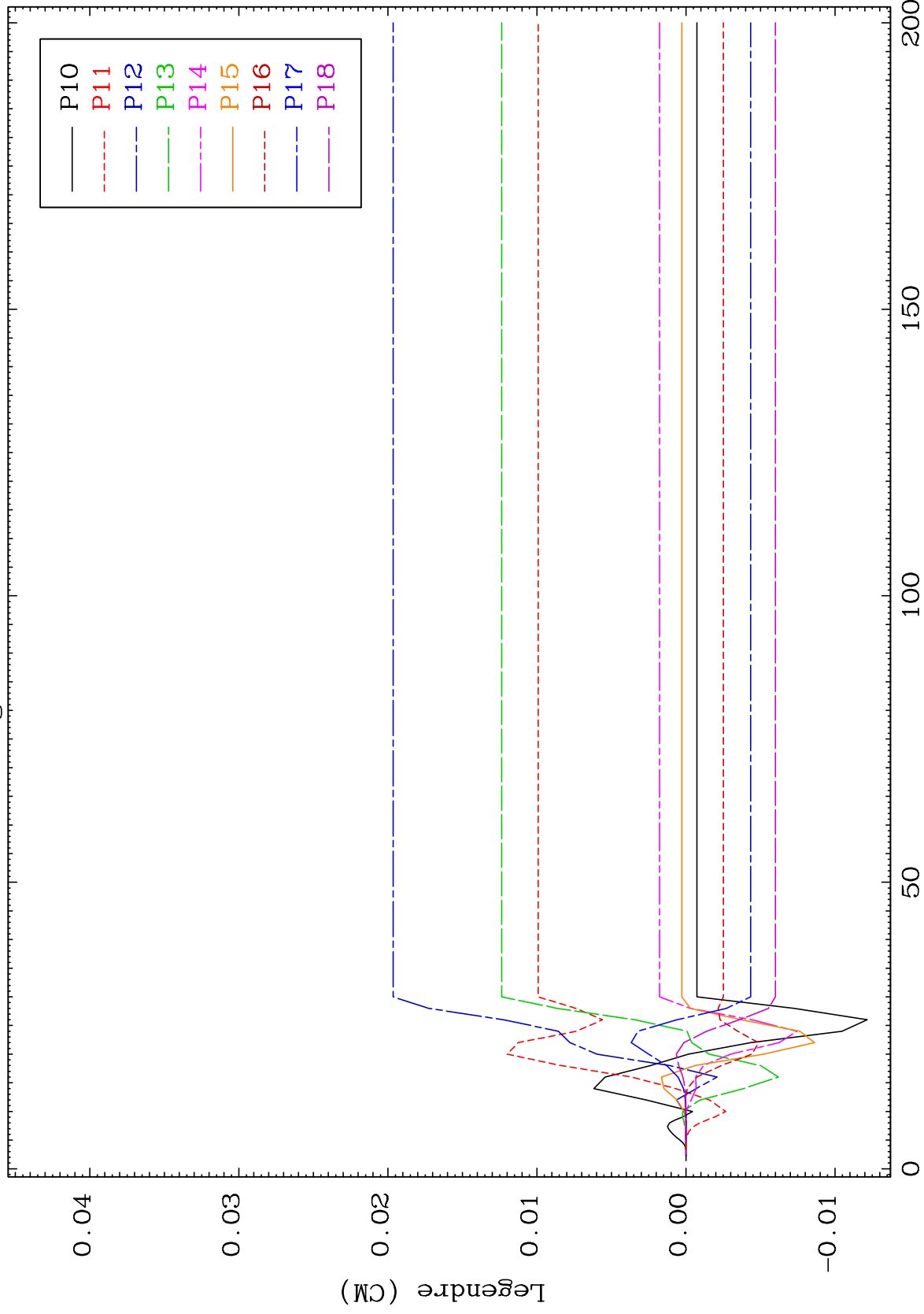




MAT 7107

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

71-Lu-169



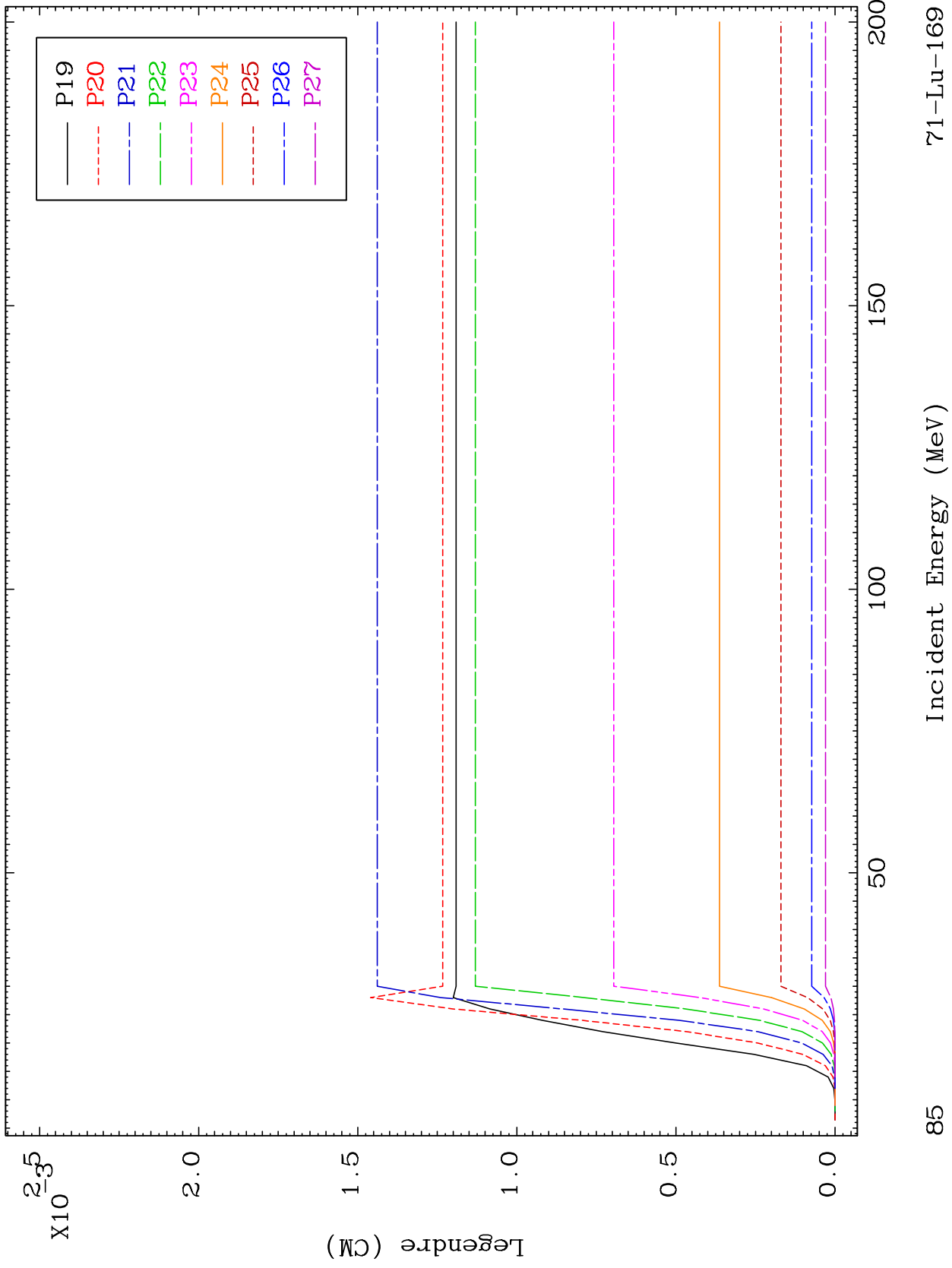
84

71-Lu-169

MAT 7107

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

71-Lu-169



71-Lu-169

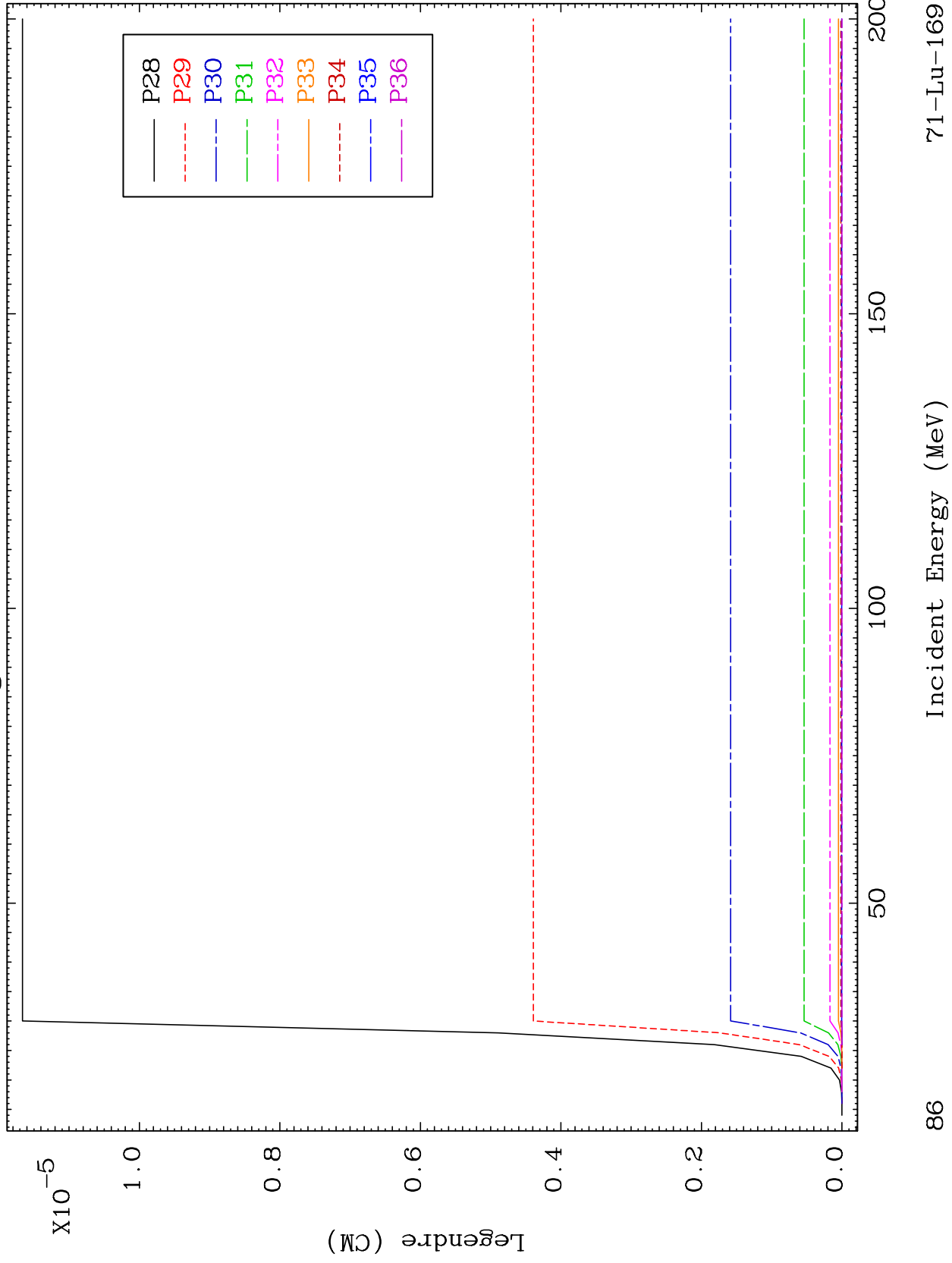
Incident Energy (MeV)

85

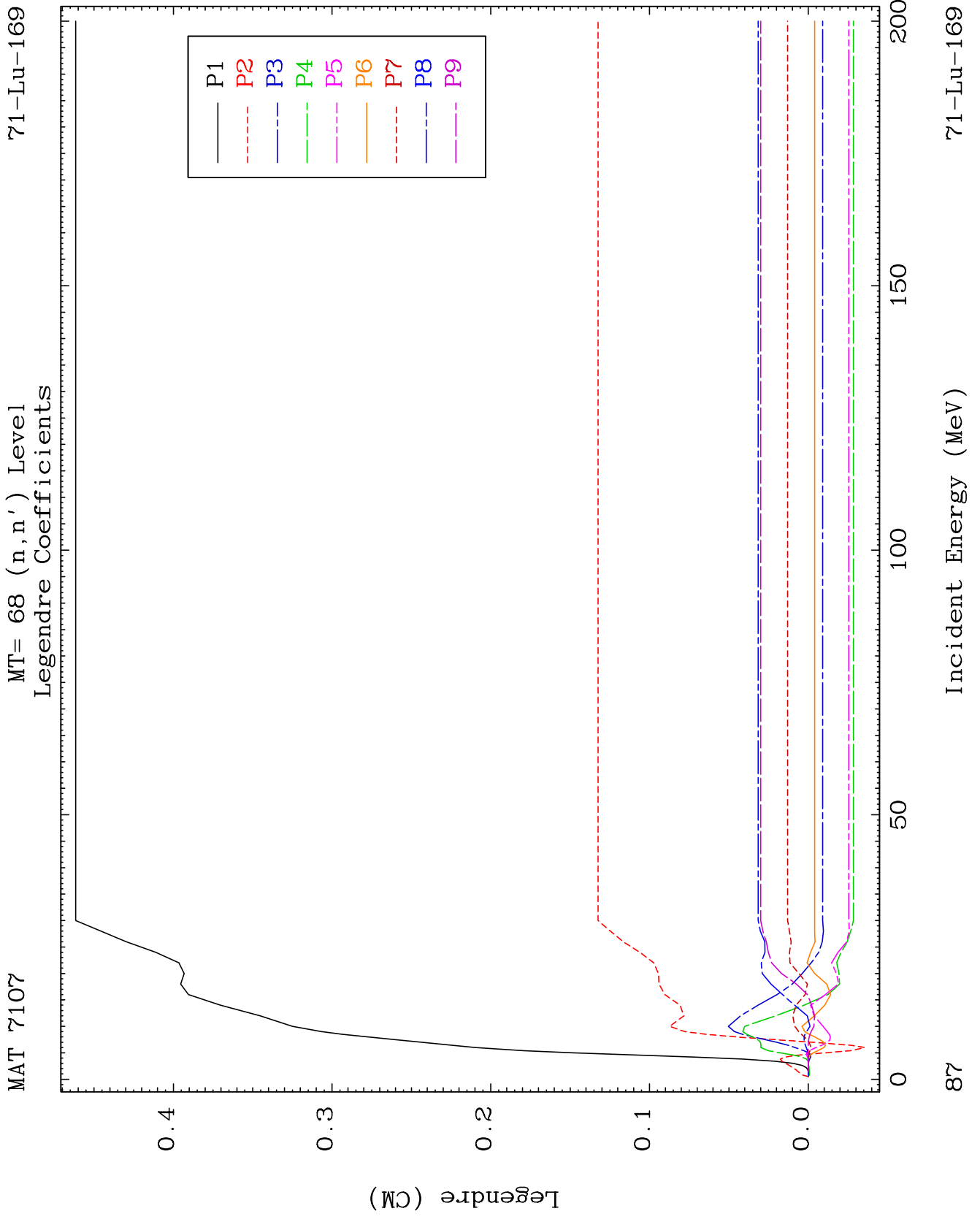
MAT 7107

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

71-Lu-169



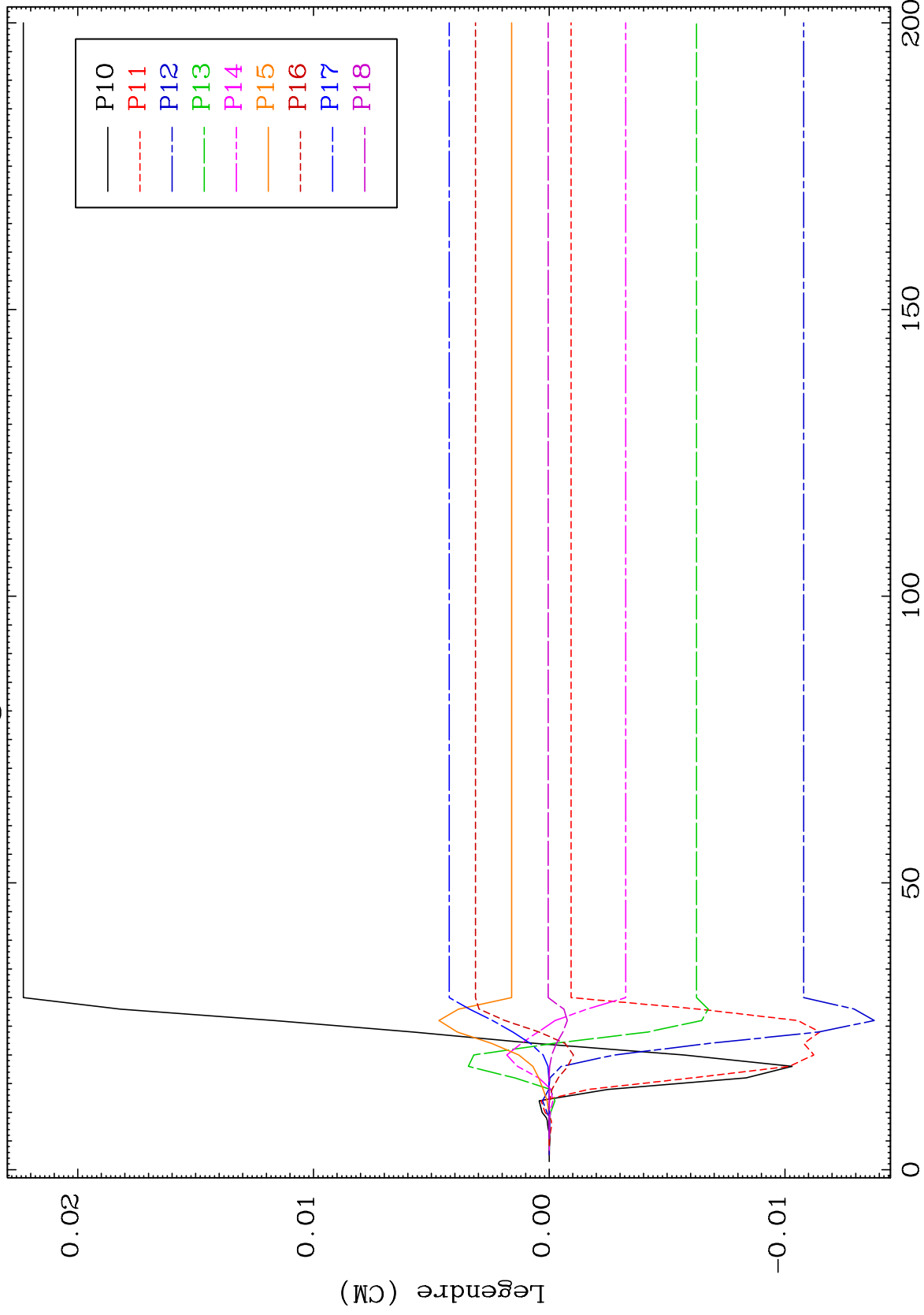
86



MAT 7107

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

71-Lu-169



88

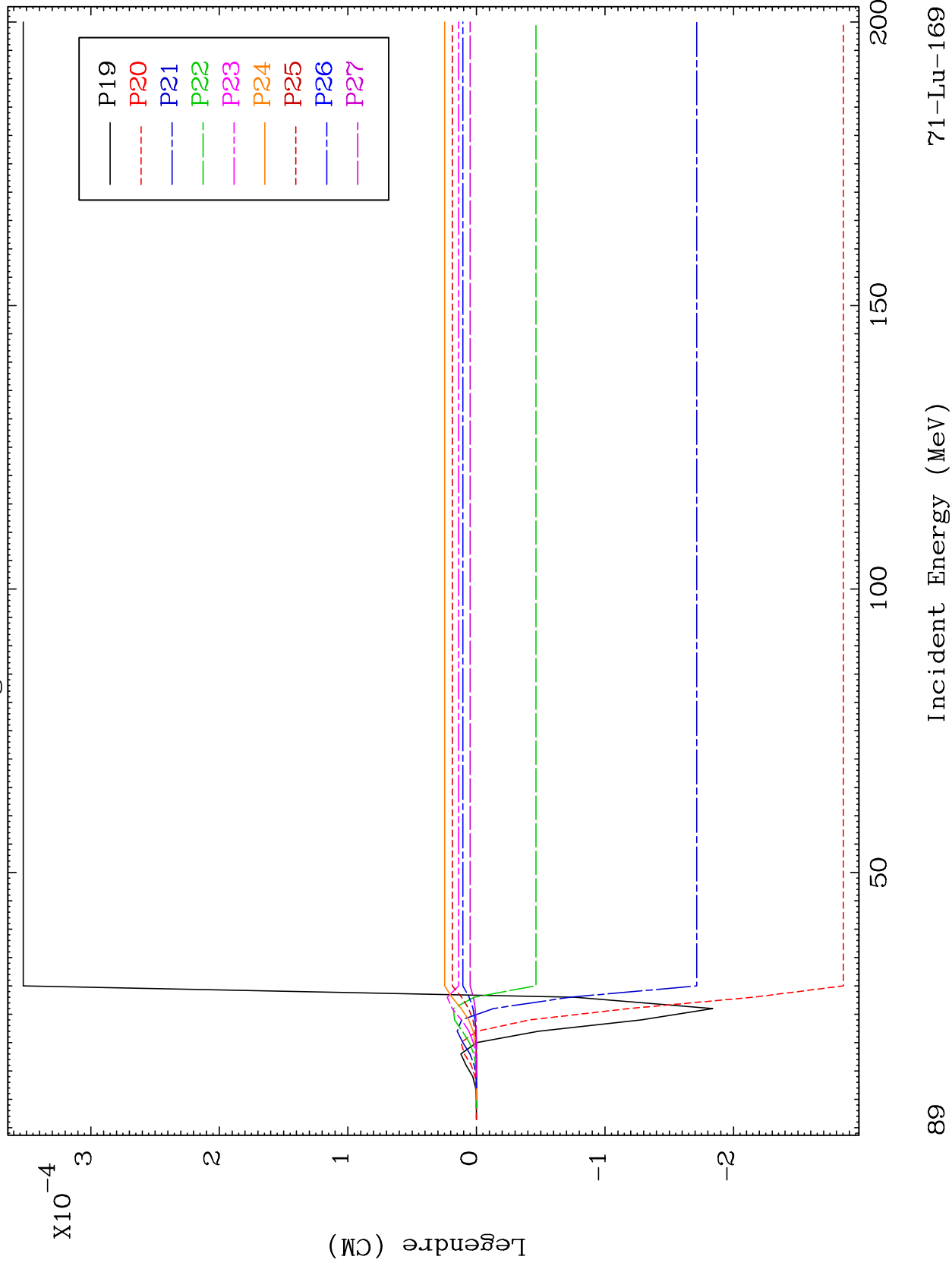
Incident Energy (MeV)

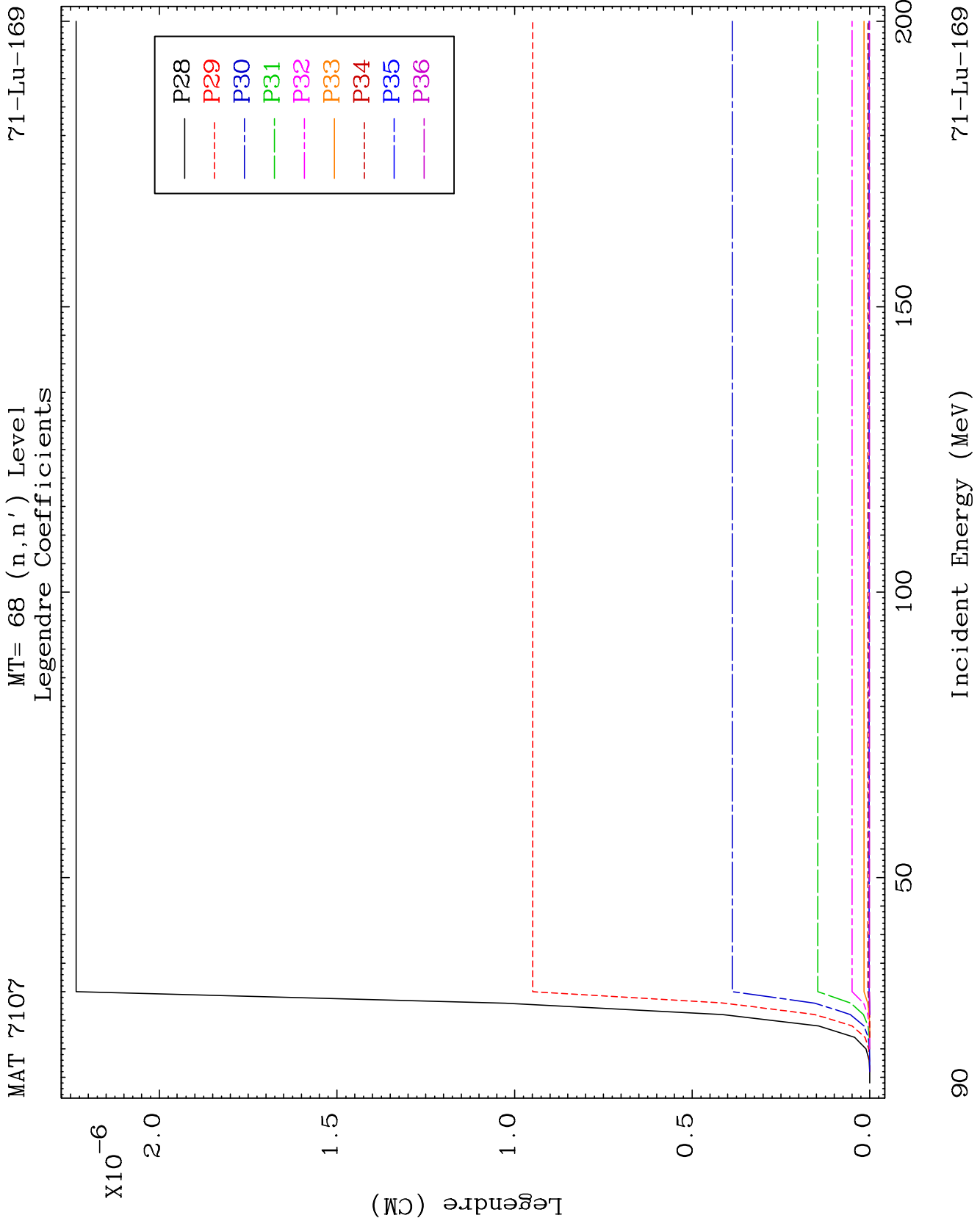
71-Lu-169

MAT 7107

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

71-Lu-169

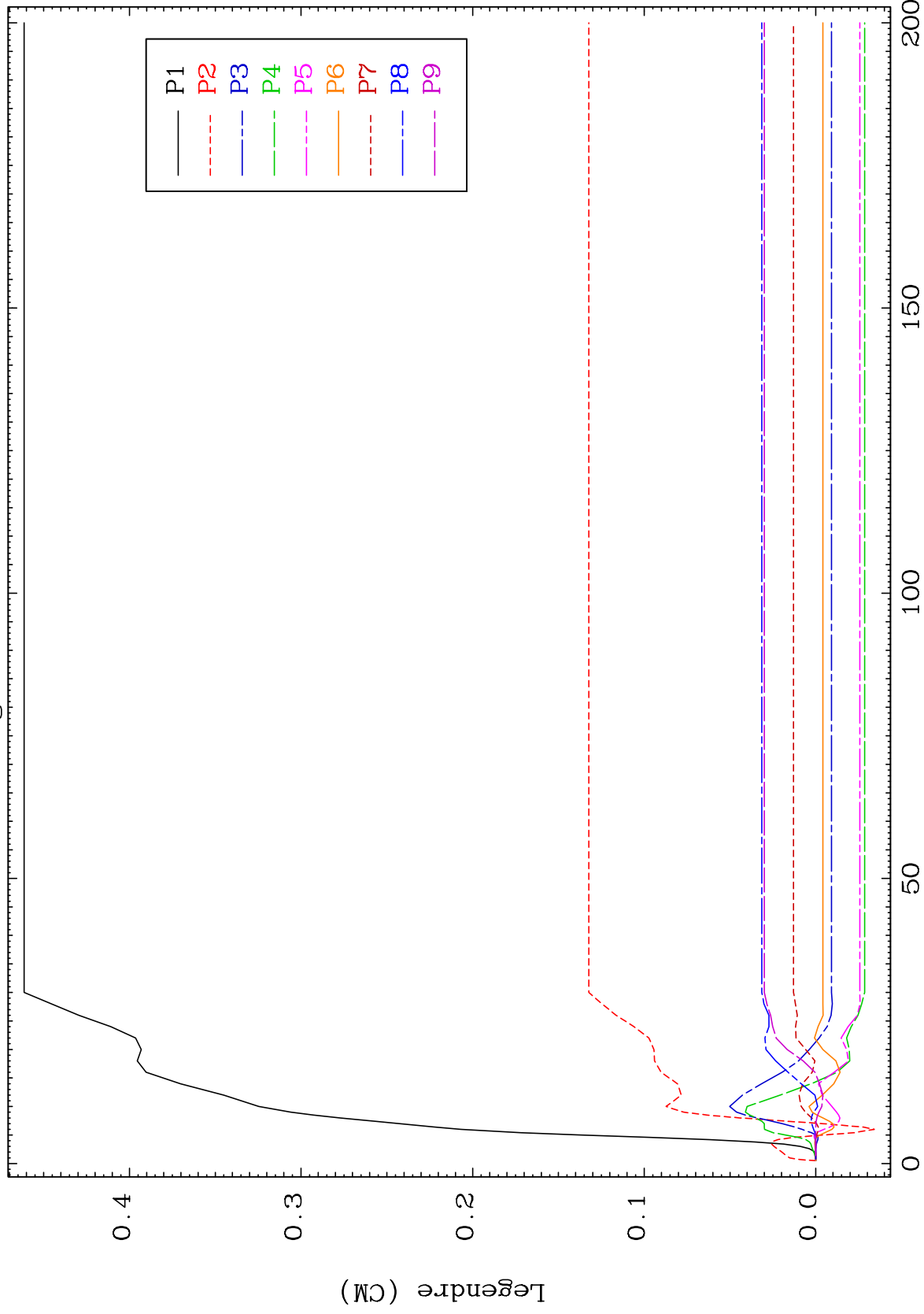




MAT 7107

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

71-Lu-169



91

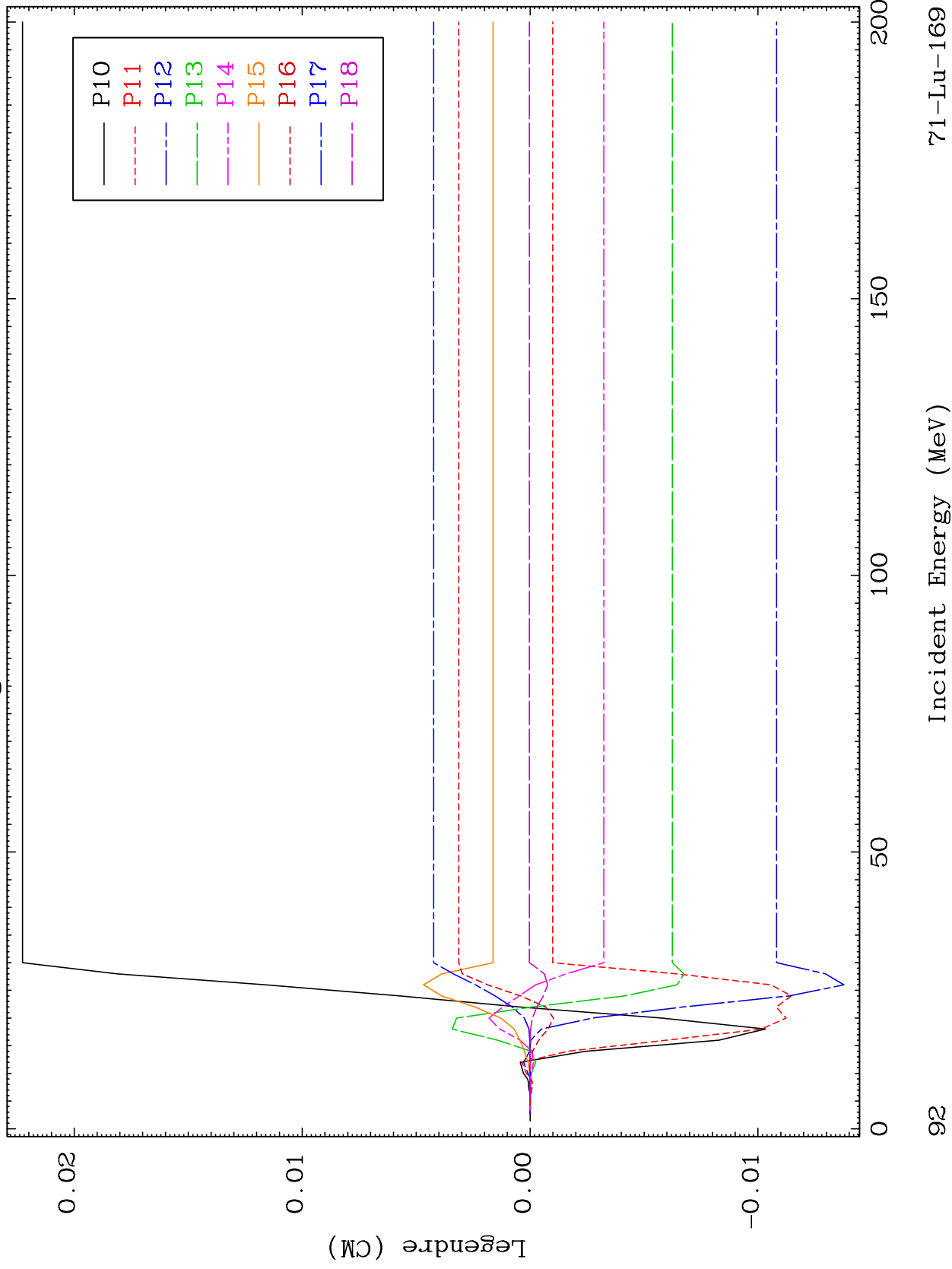
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



71-Lu-169

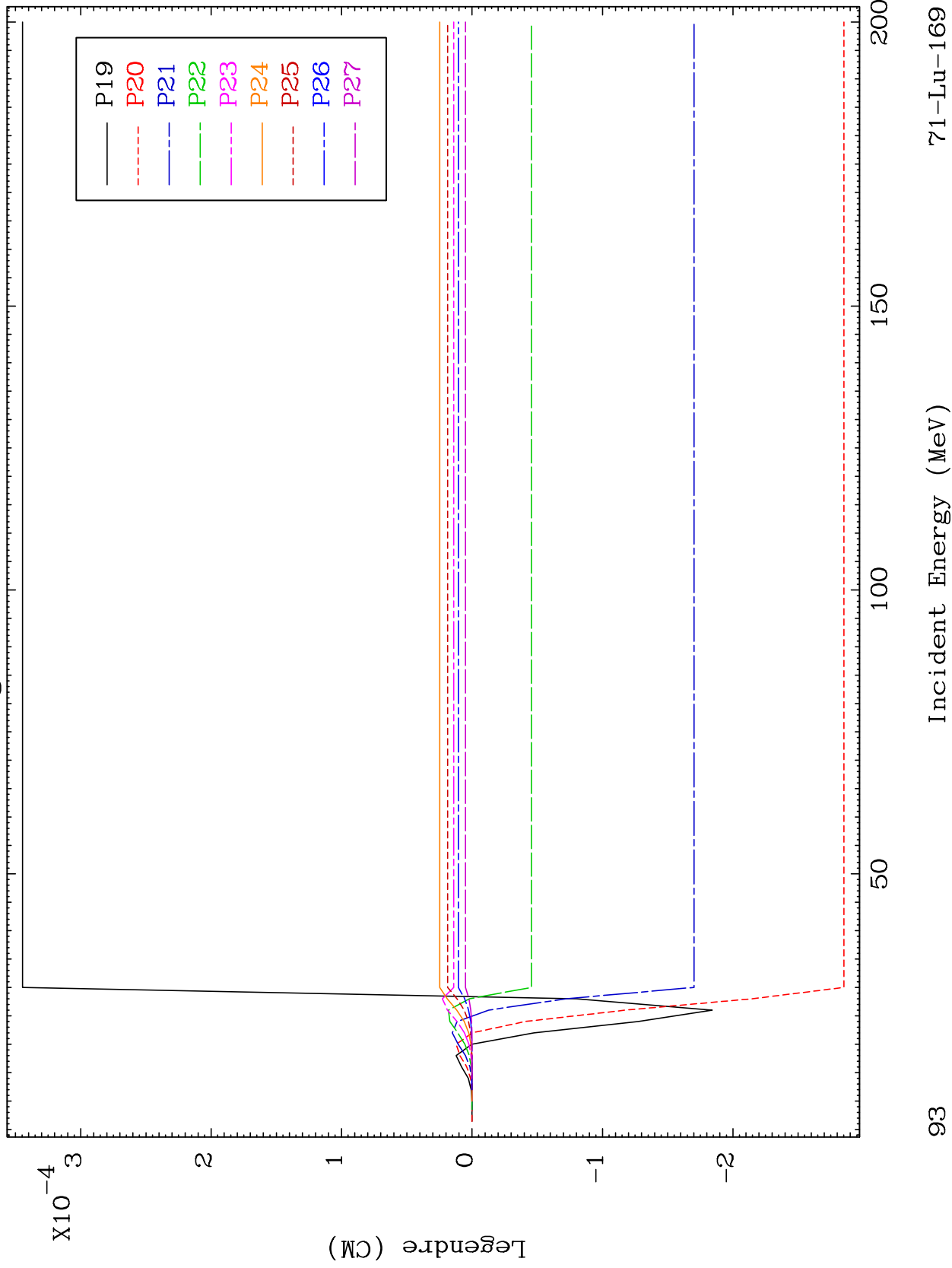
Incident Energy (MeV)

92

MAT 7107

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

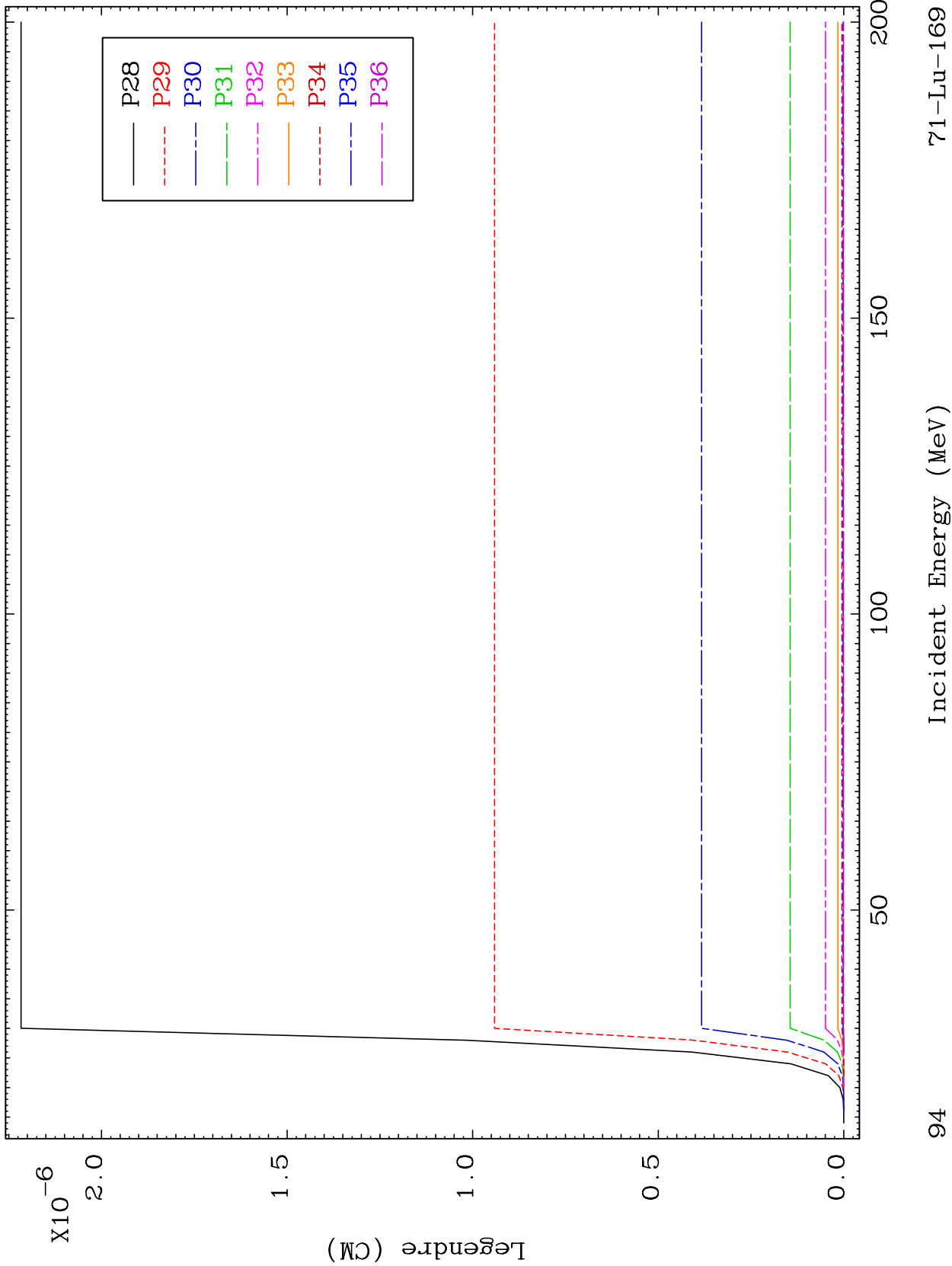
71-Lu-169

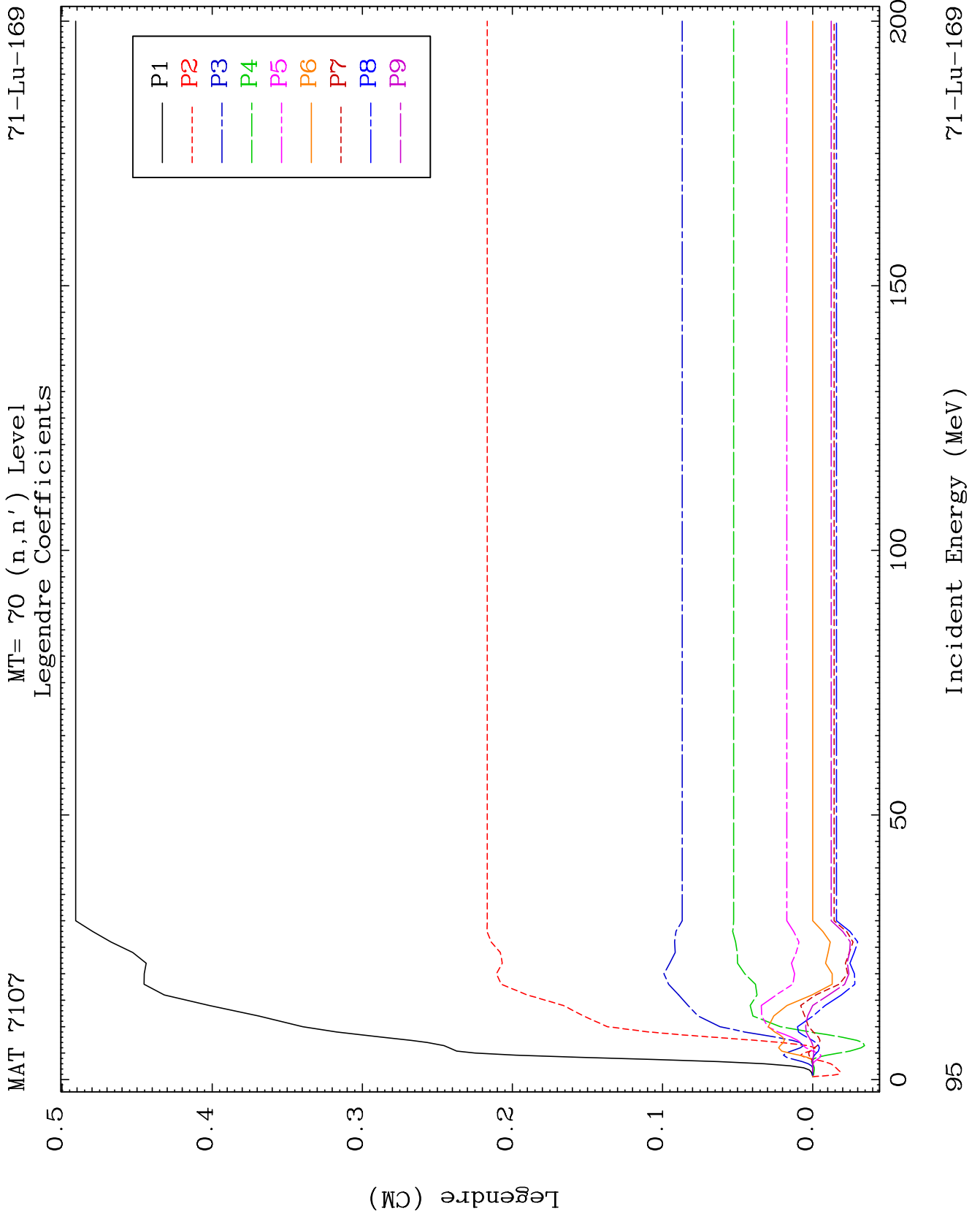


MAT 7107

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

71-Lu-169

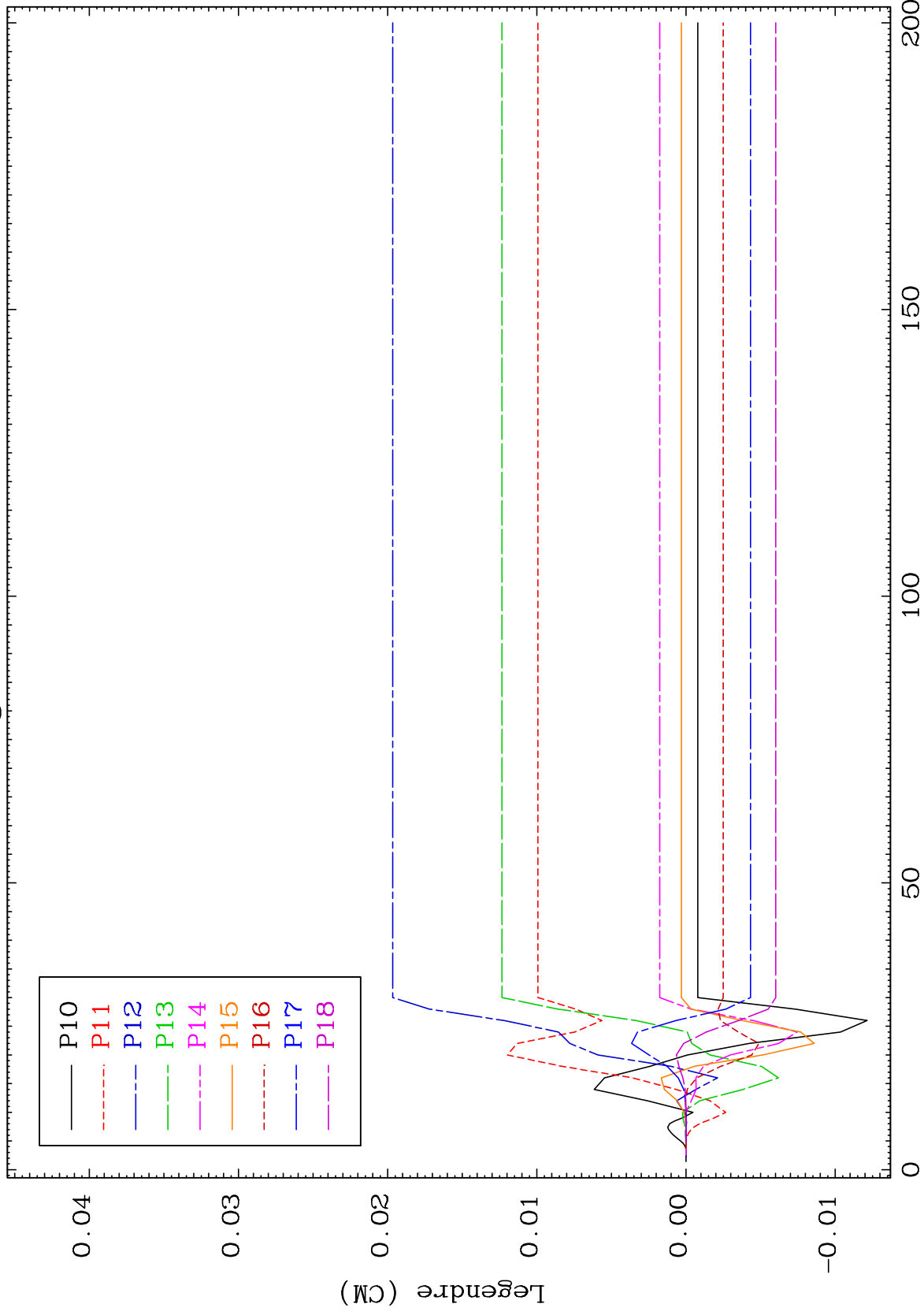




MAT 7107

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

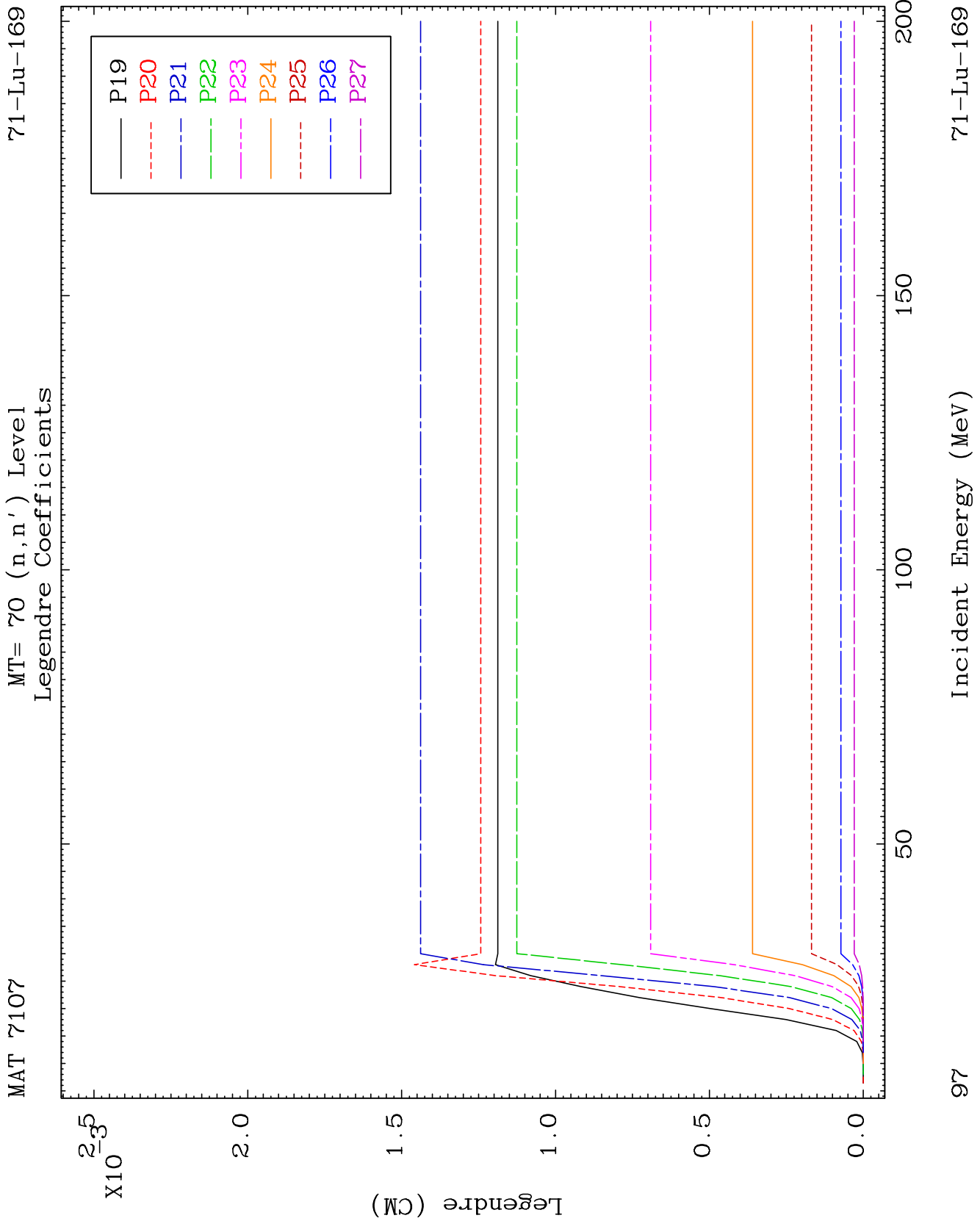
71-Lu-169



96

Incident Energy (MeV)

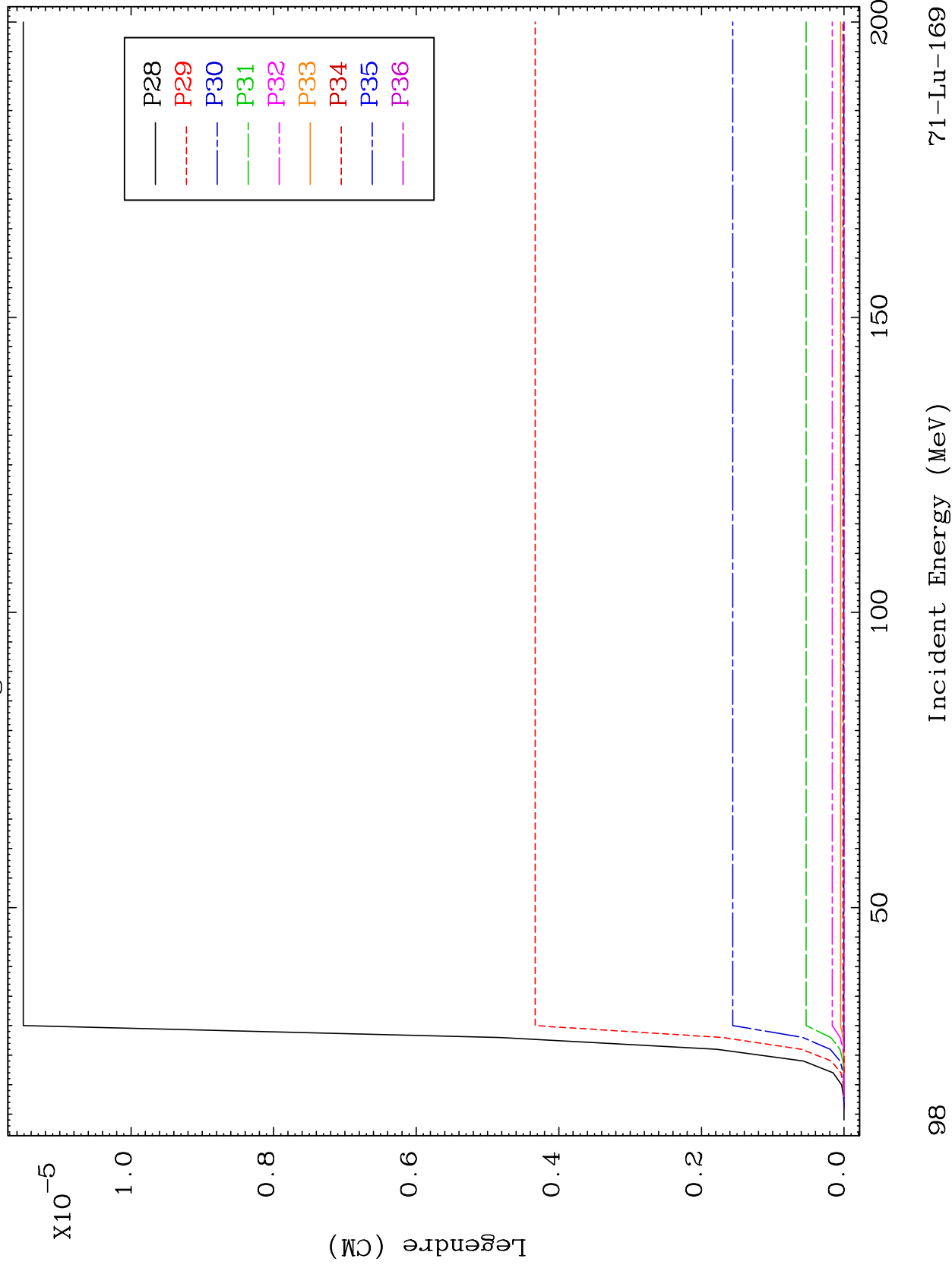
71-Lu-169

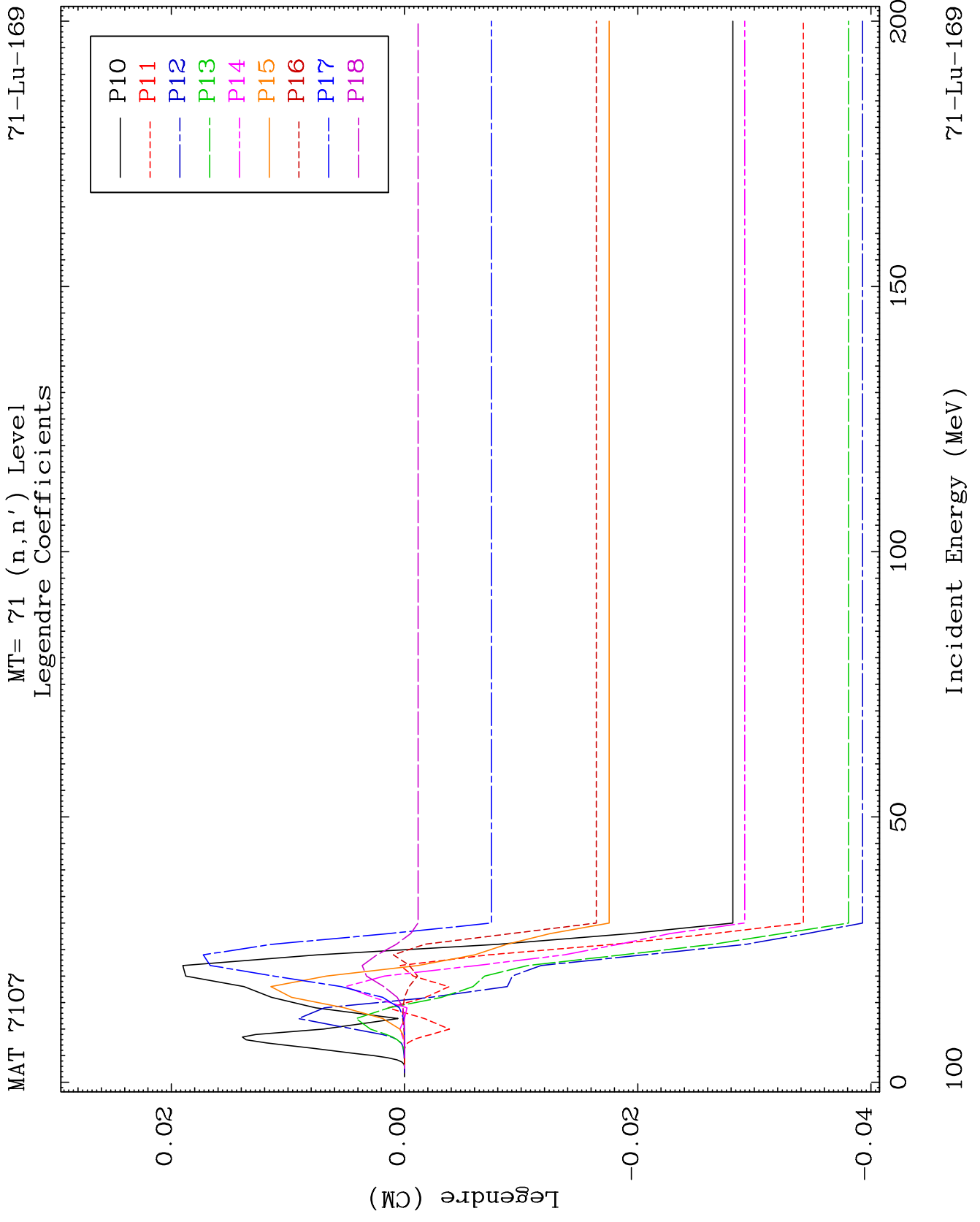


MAT 7107

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

71-Lu-169

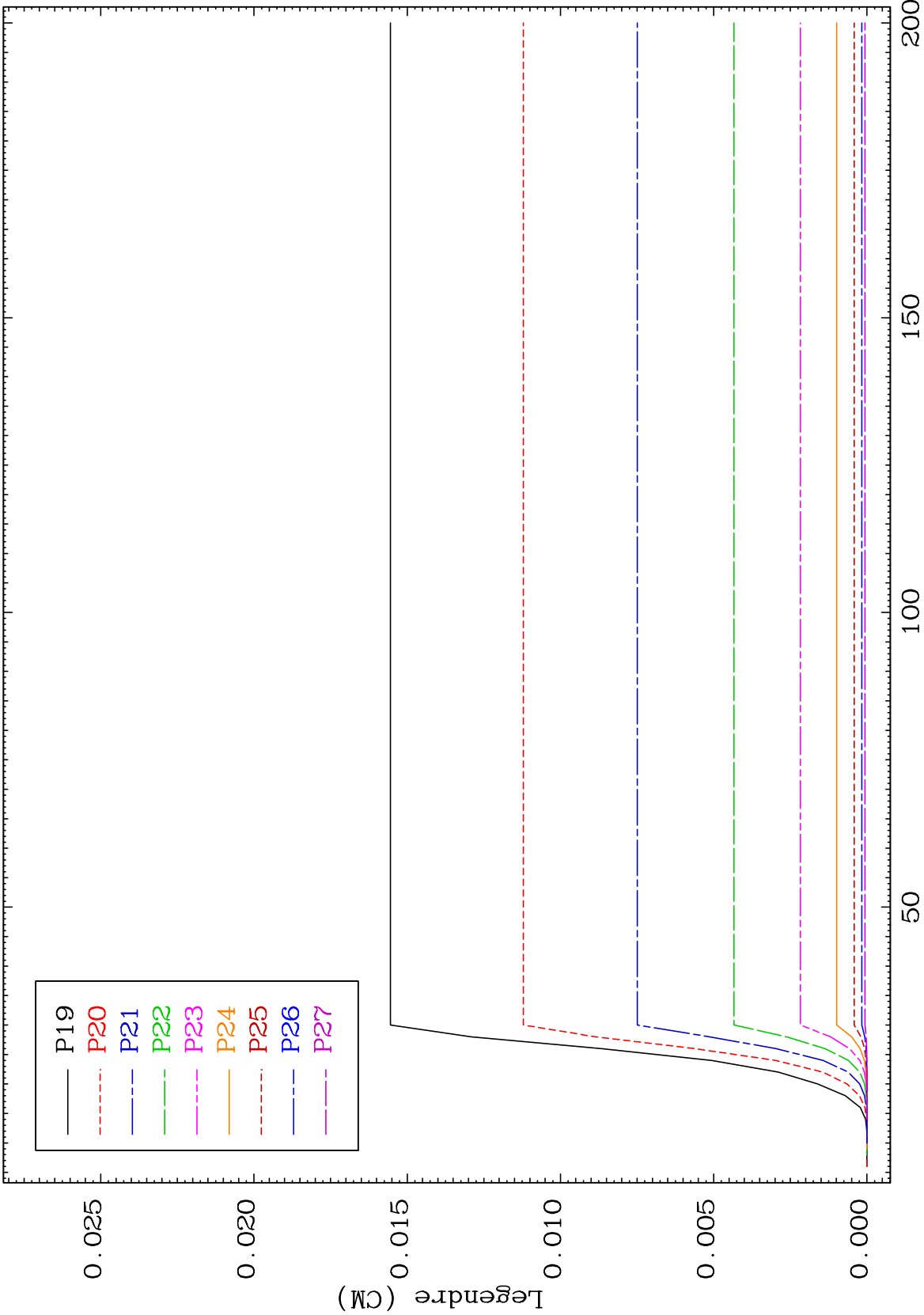




MAT 7107

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

71-Lu-169



101

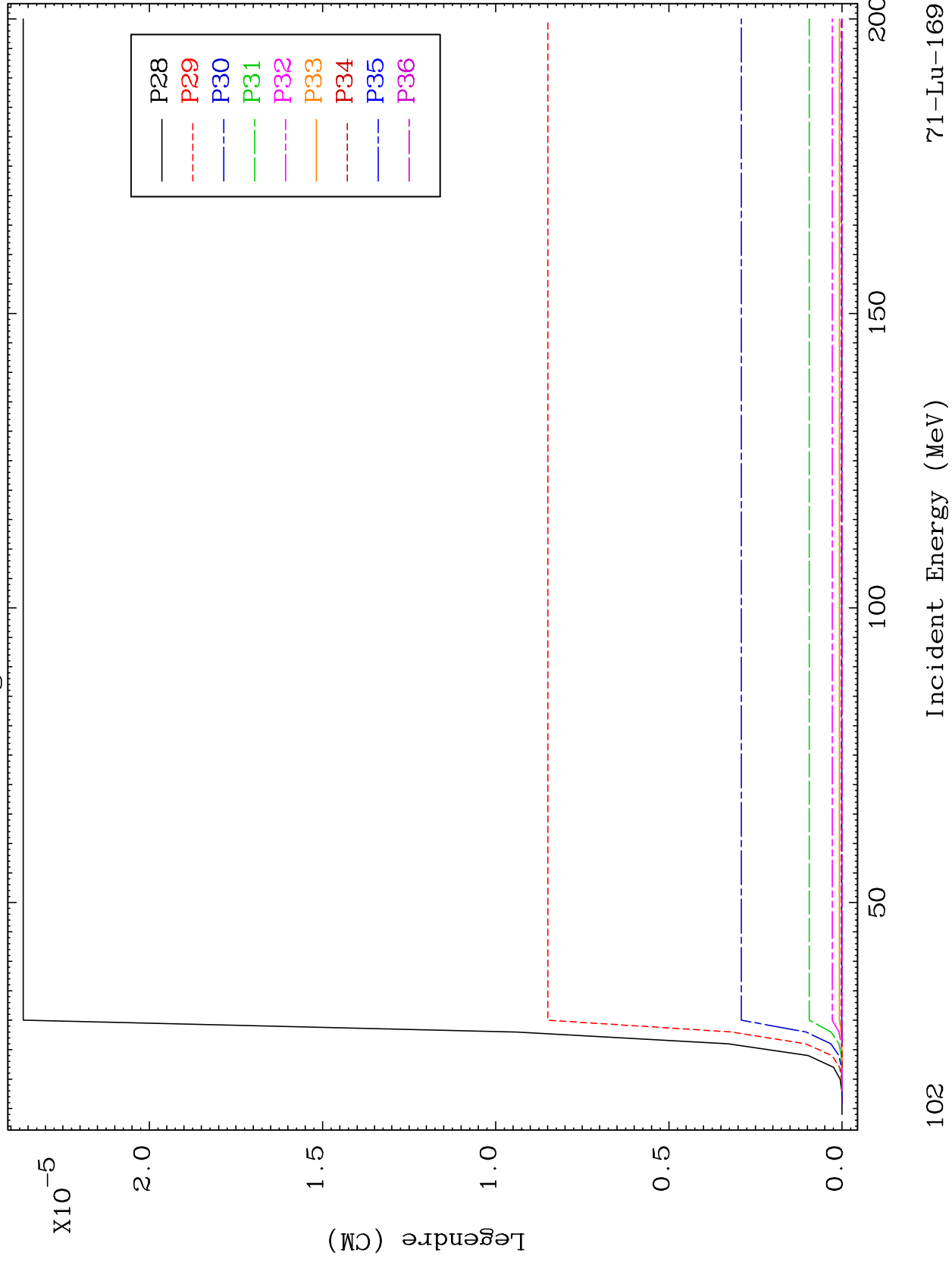
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



102

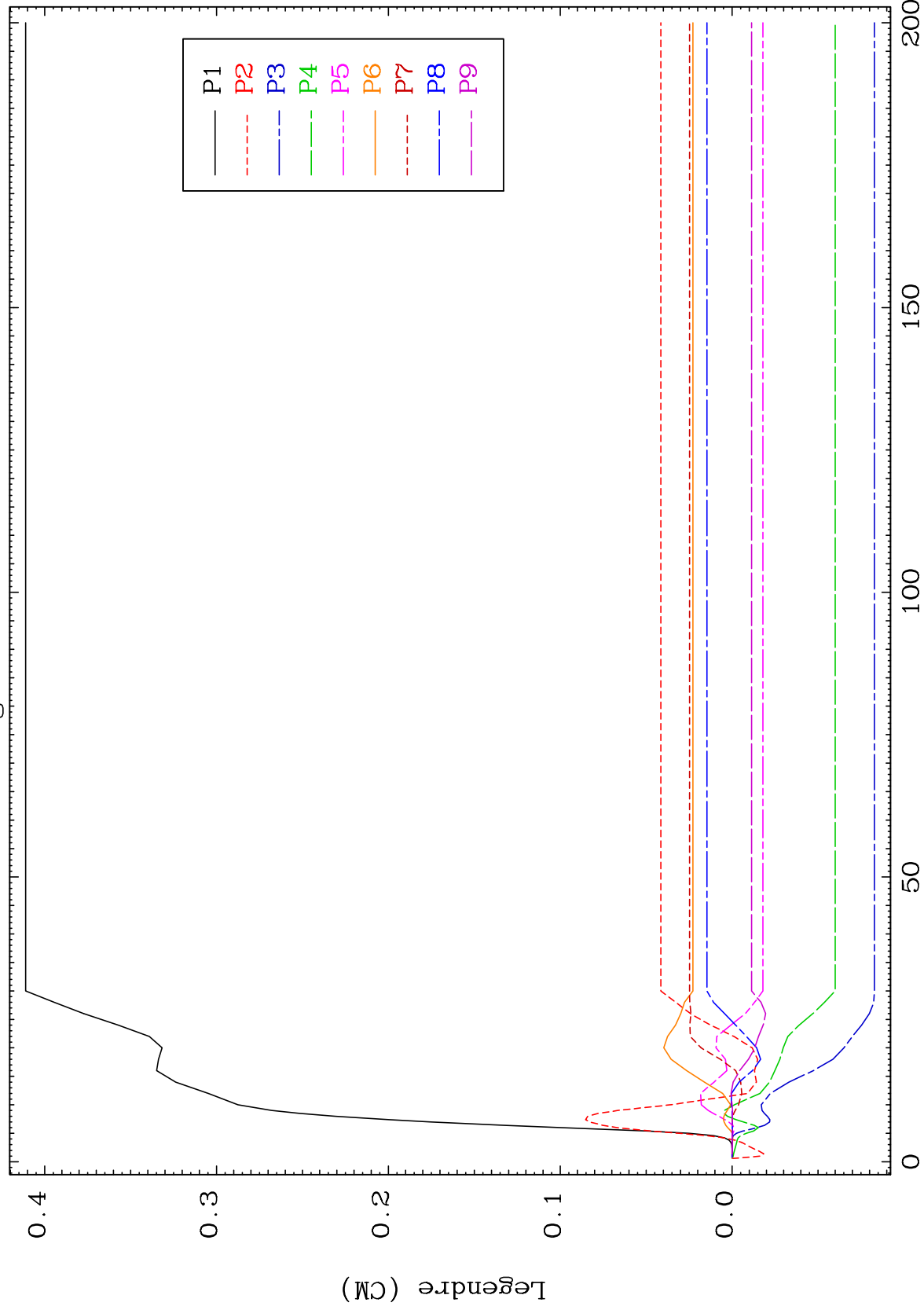
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



103

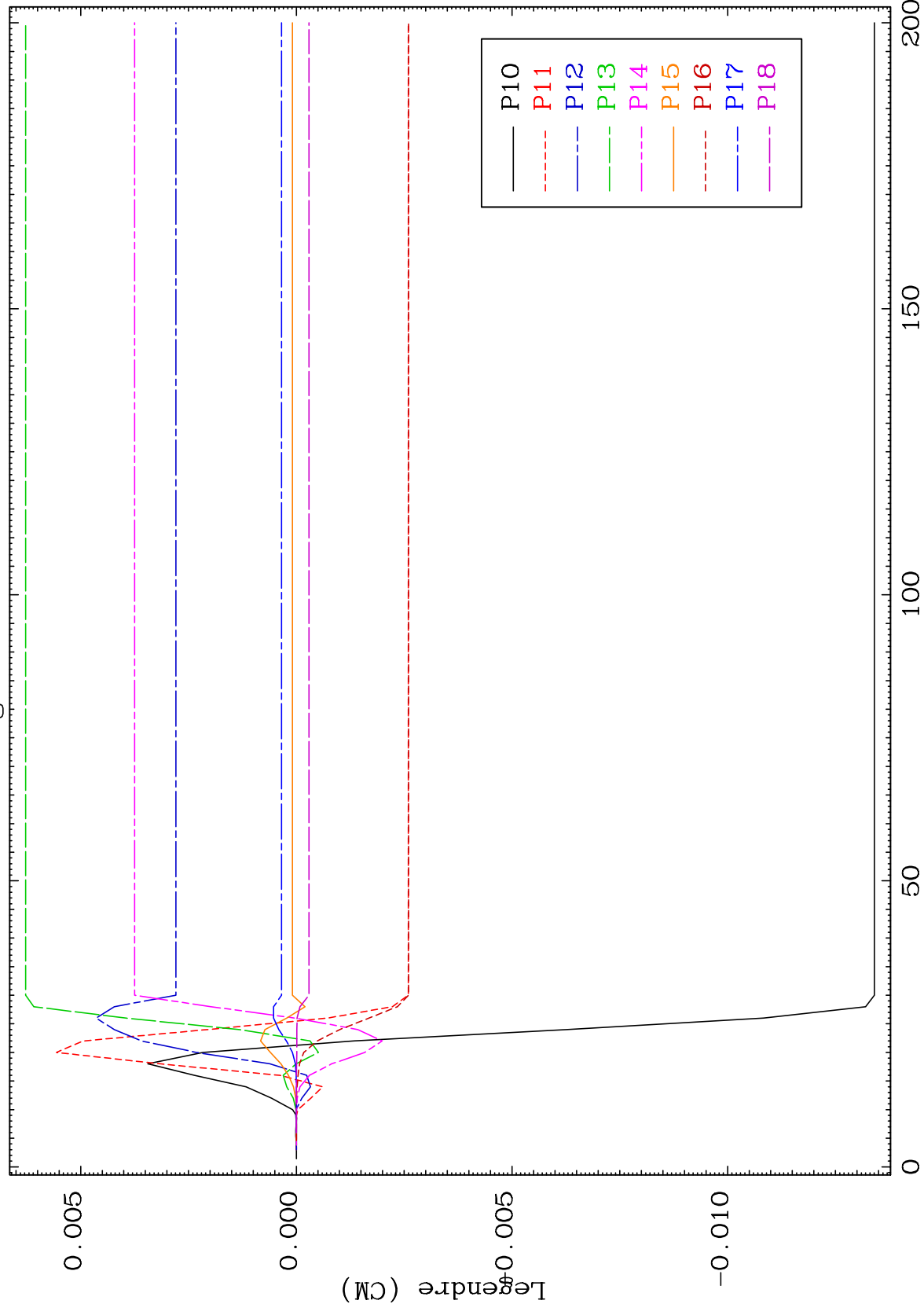
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



104

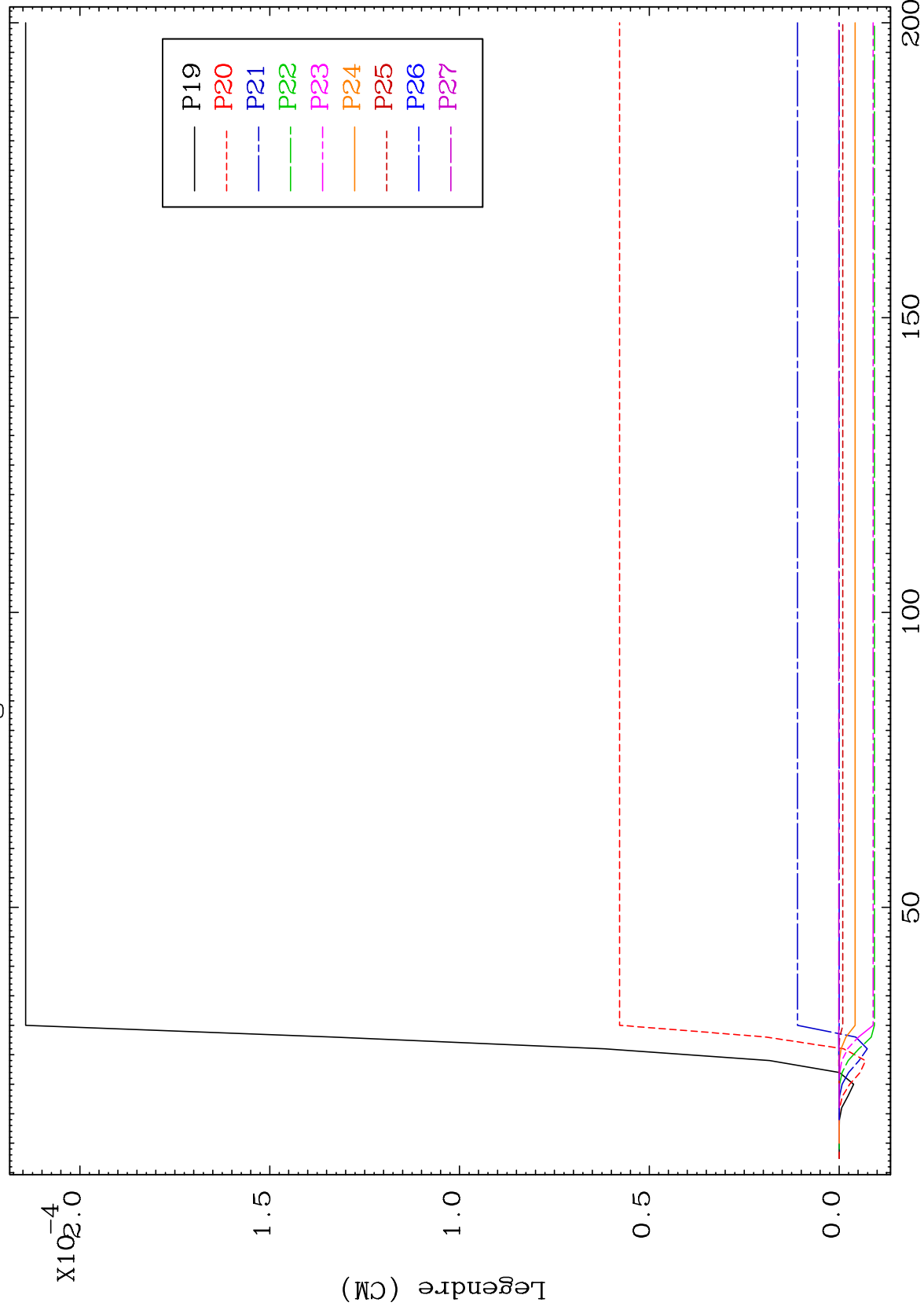
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



105

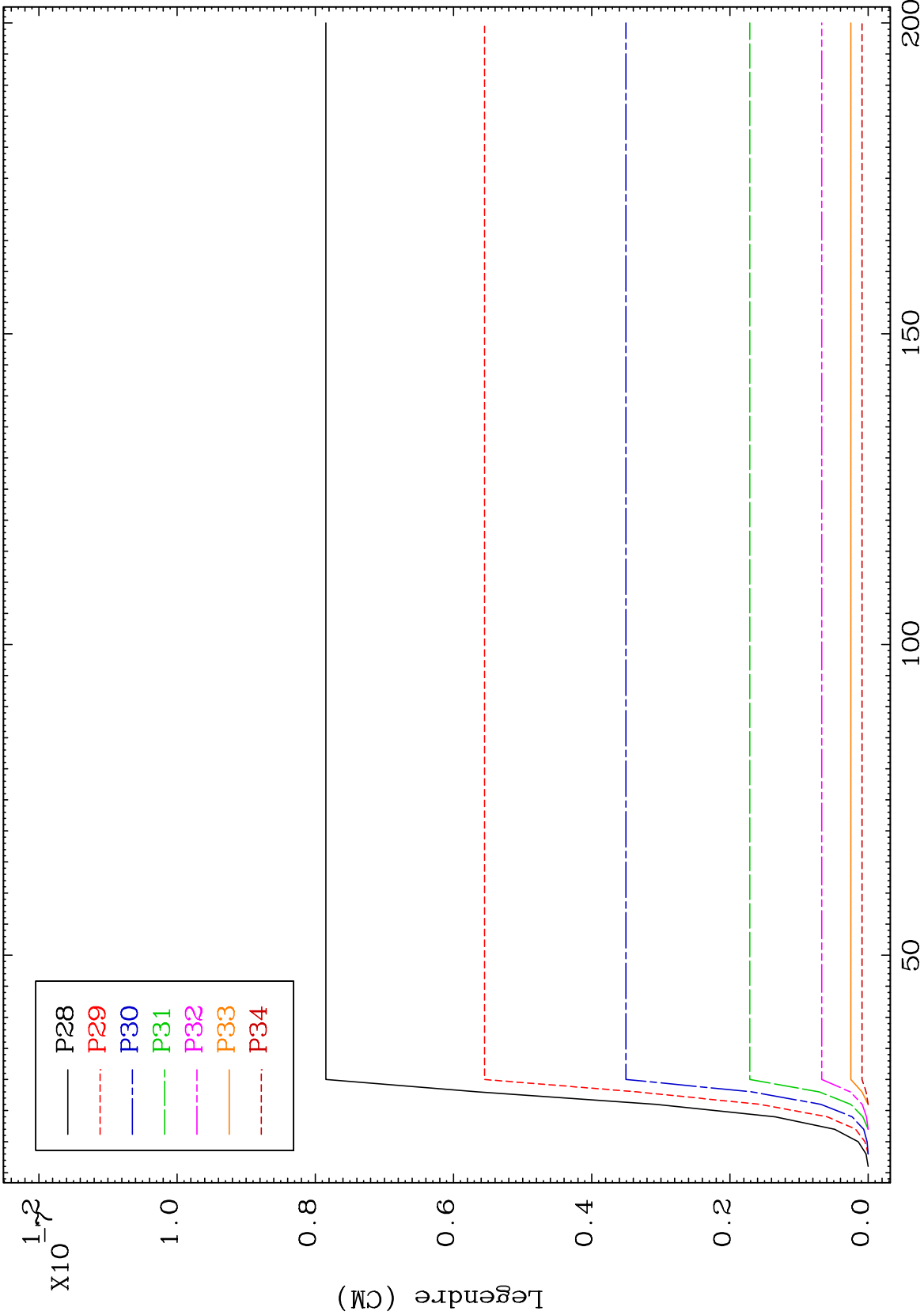
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



106

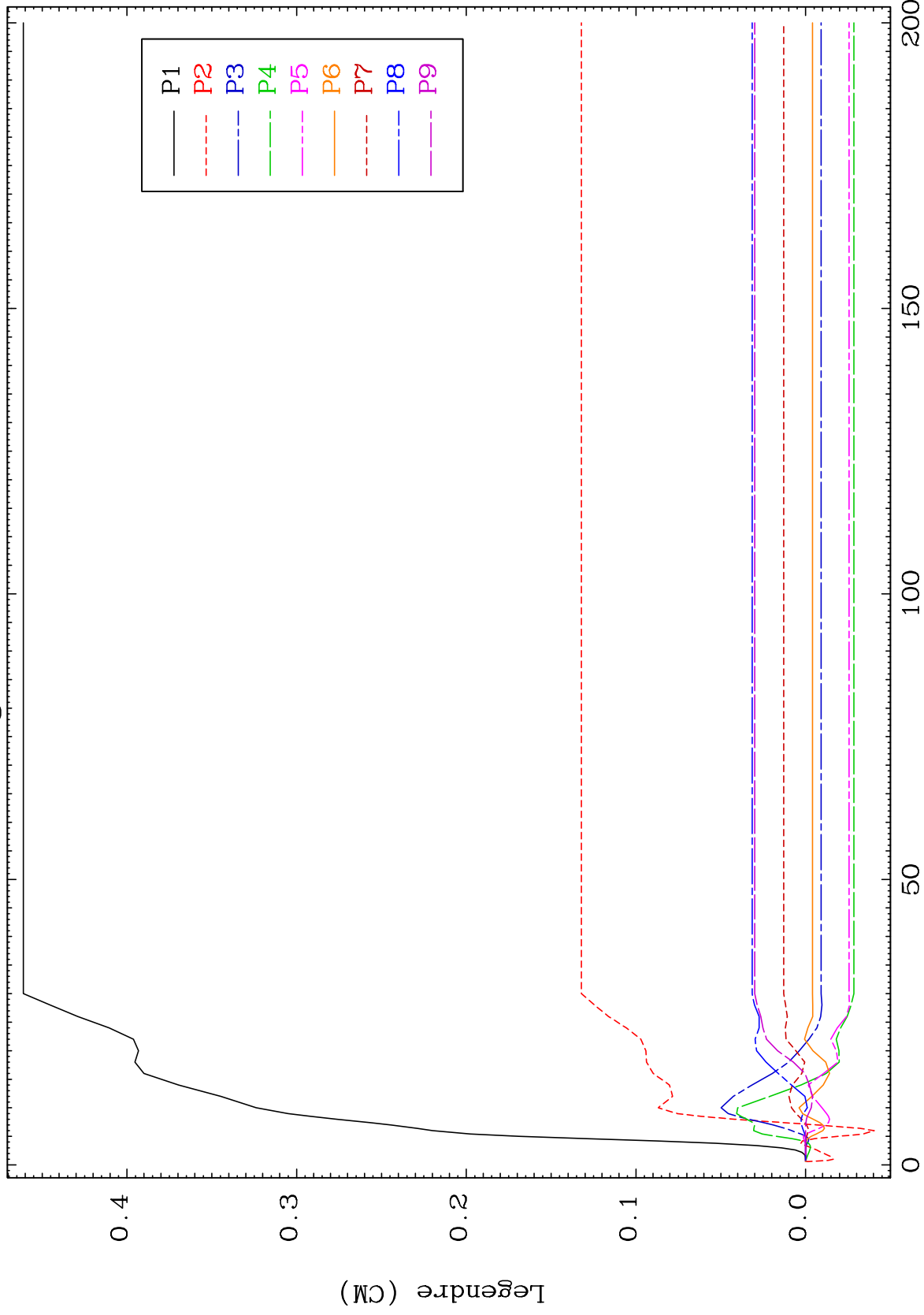
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



107

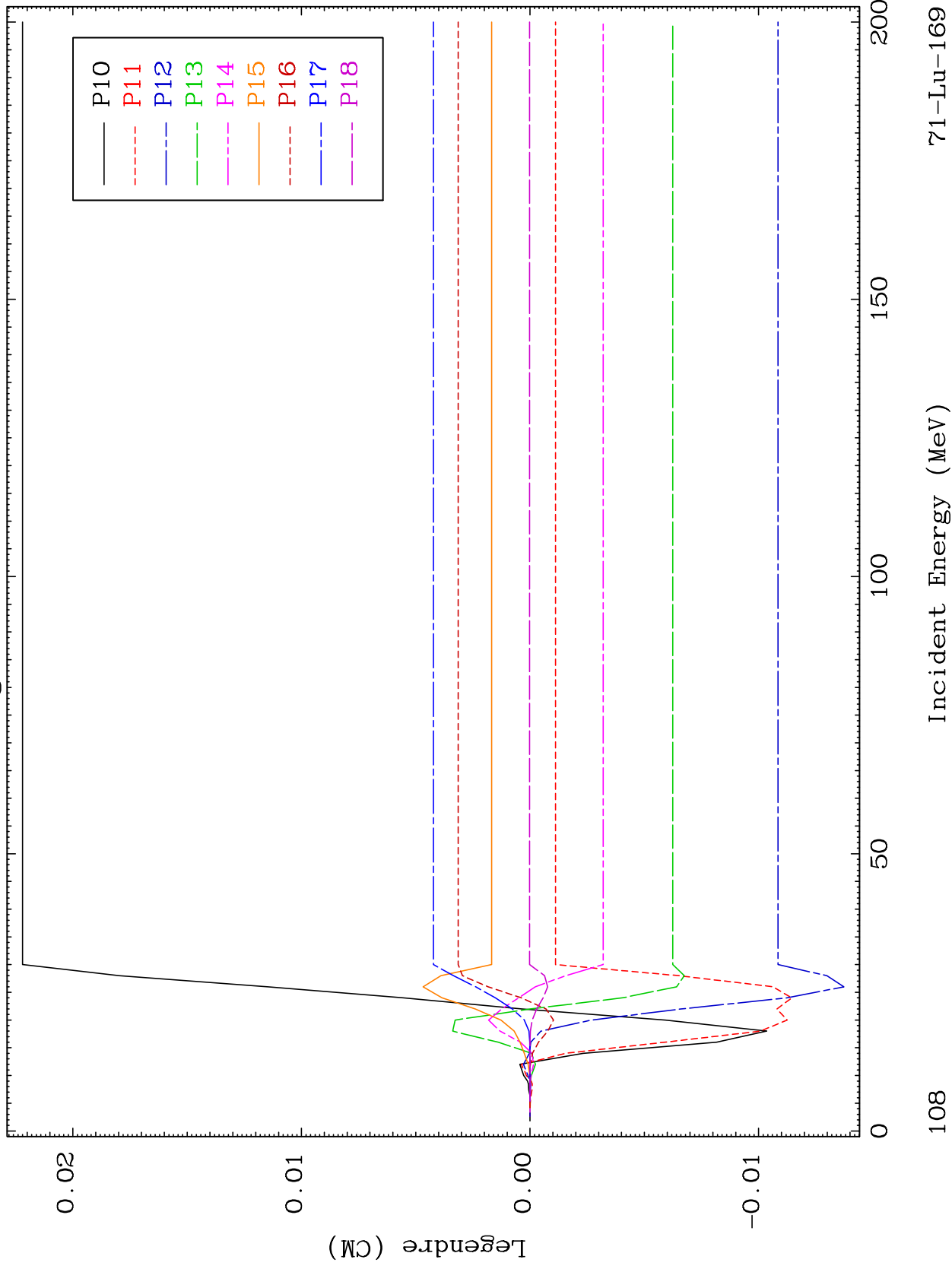
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169

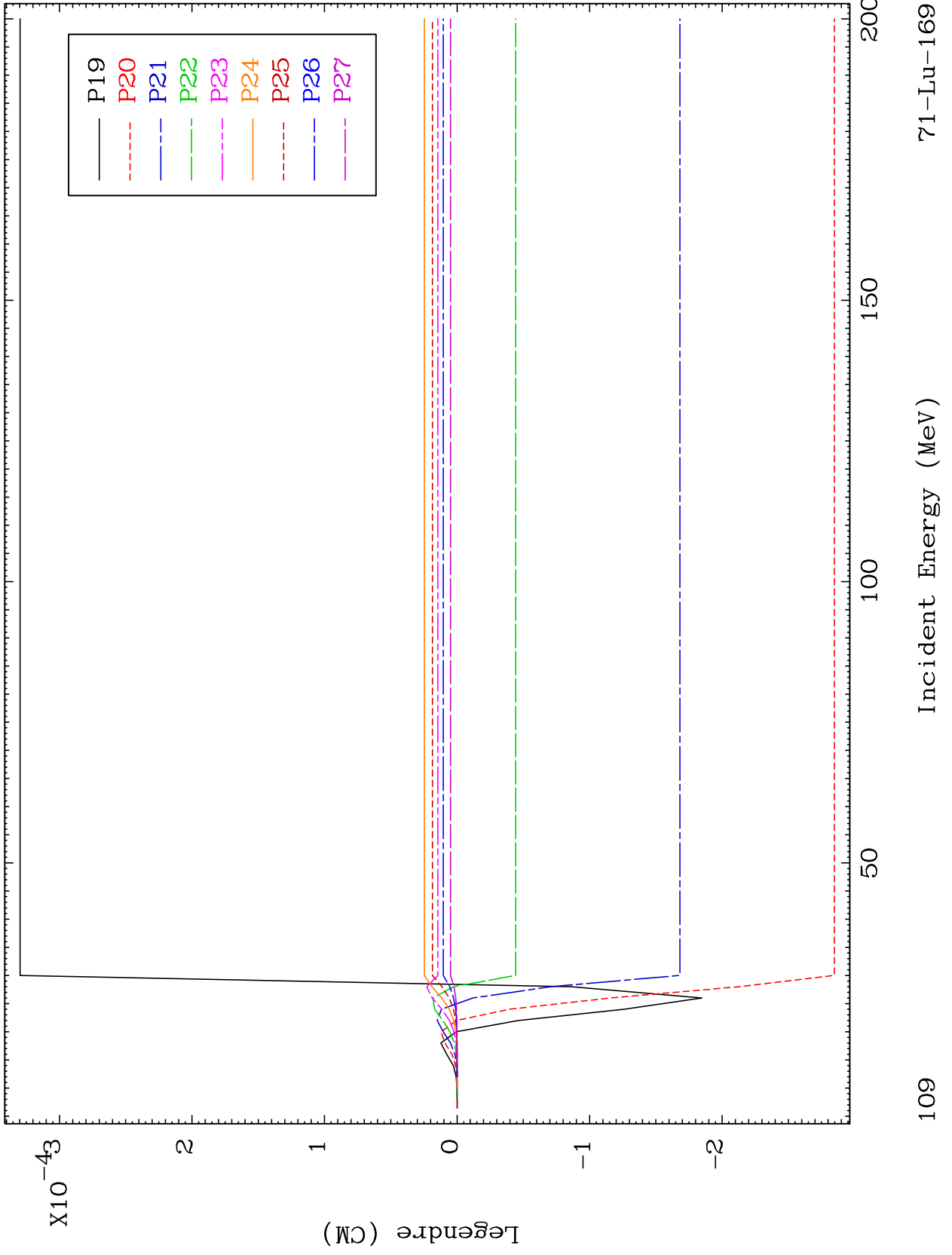


108

MAT 7107

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

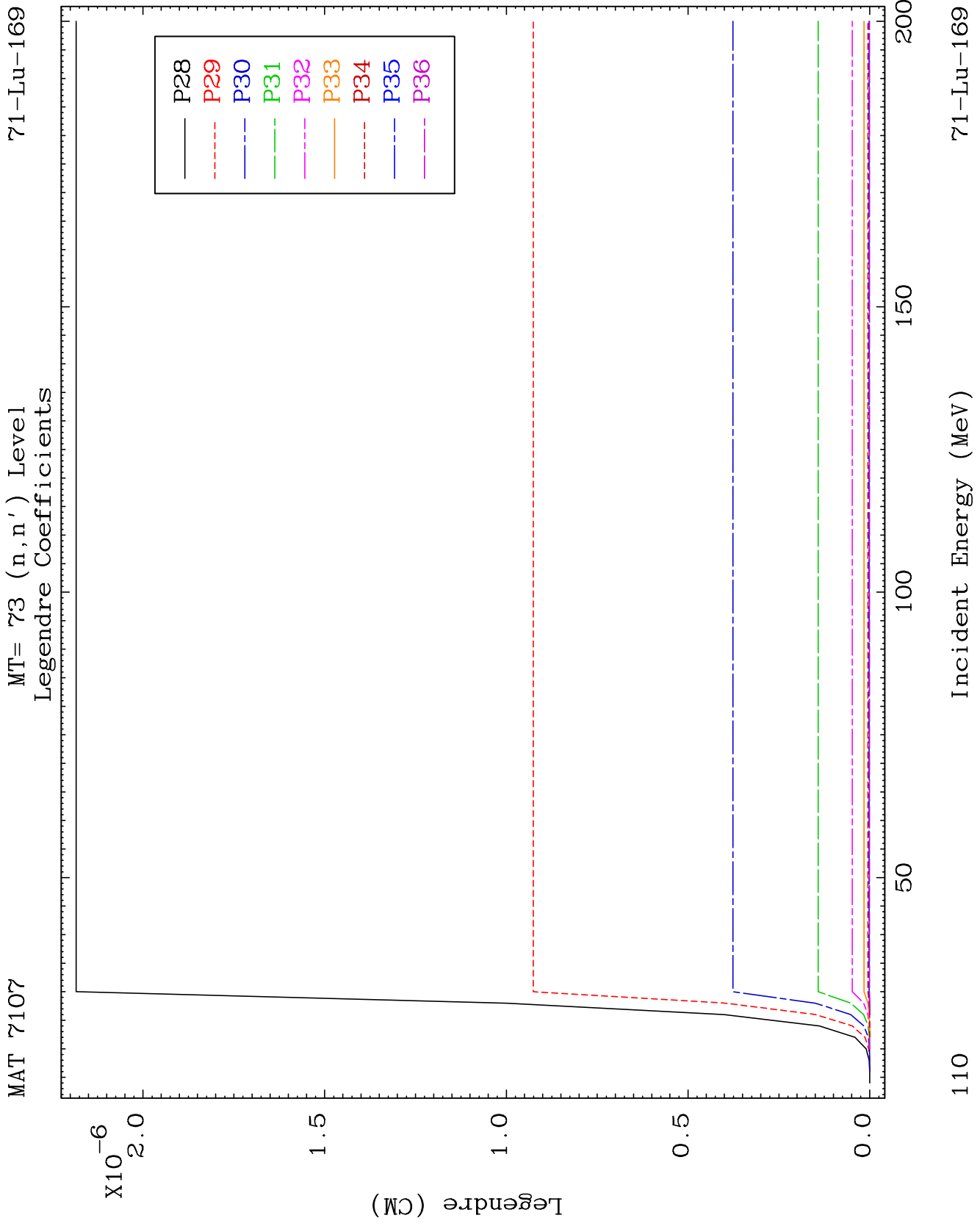
71-Lu-169



109

Incident Energy (MeV)

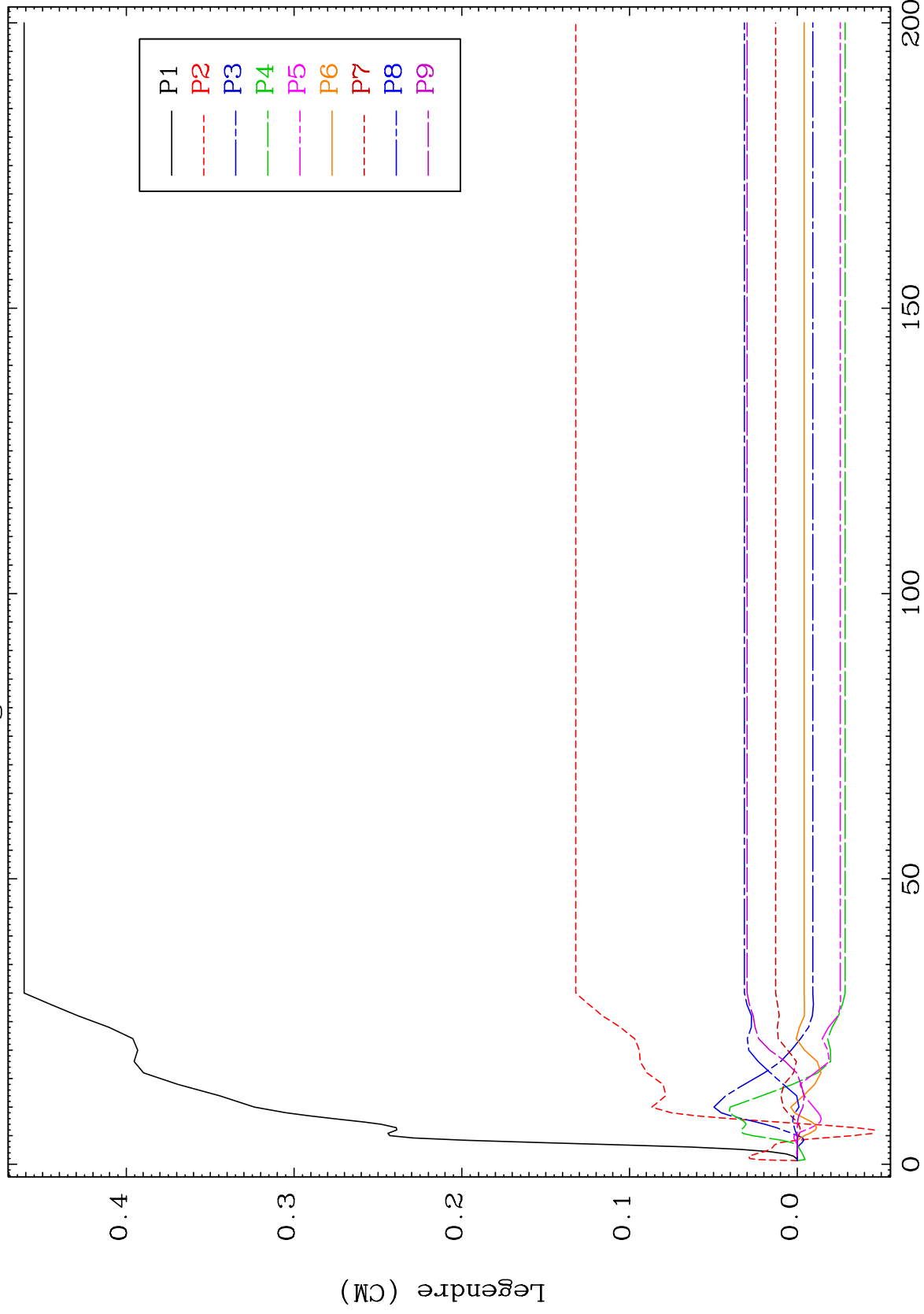
71-Lu-169



MAT 7107

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

71-Lu-169



111

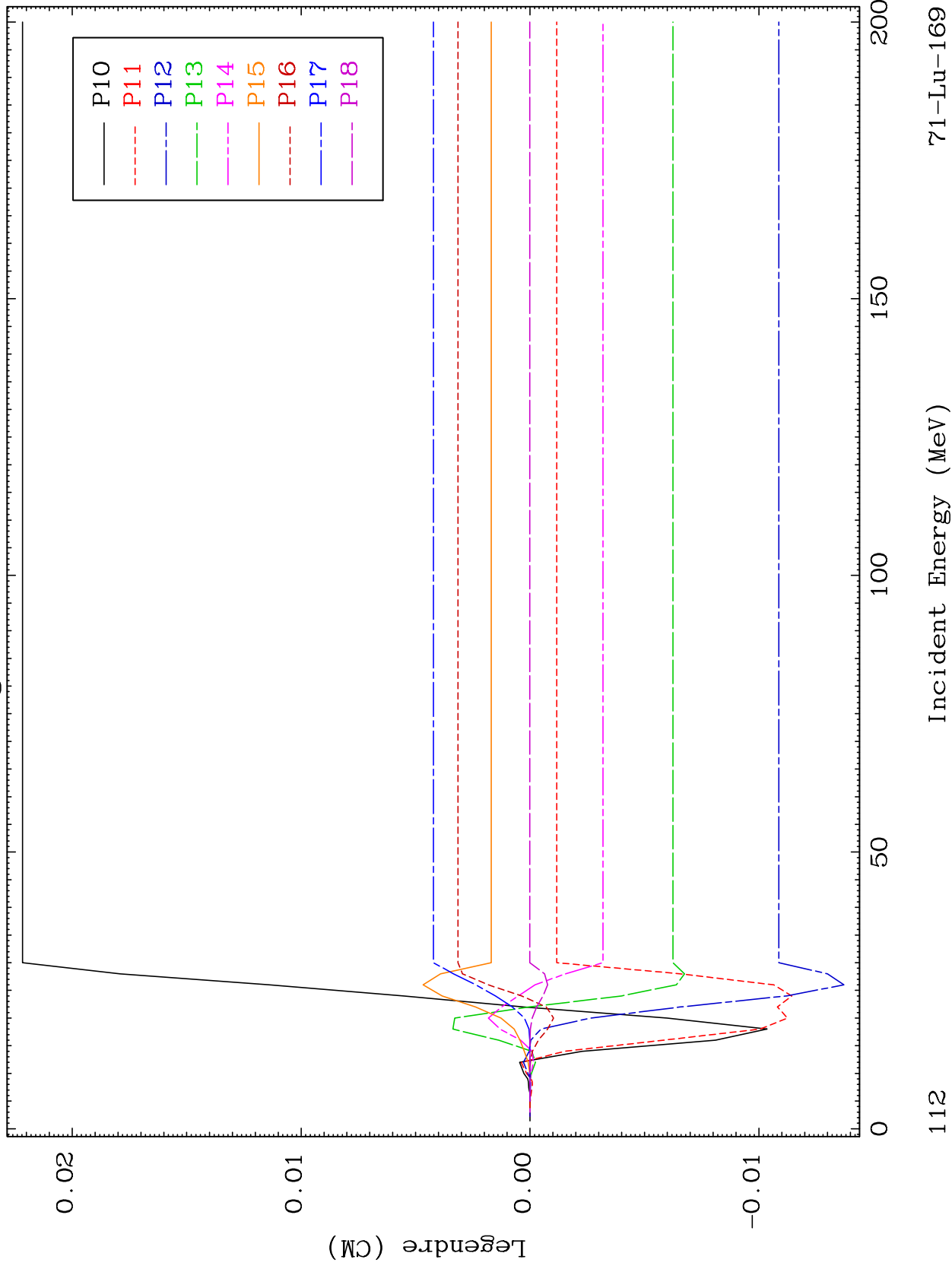
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



71-Lu-169

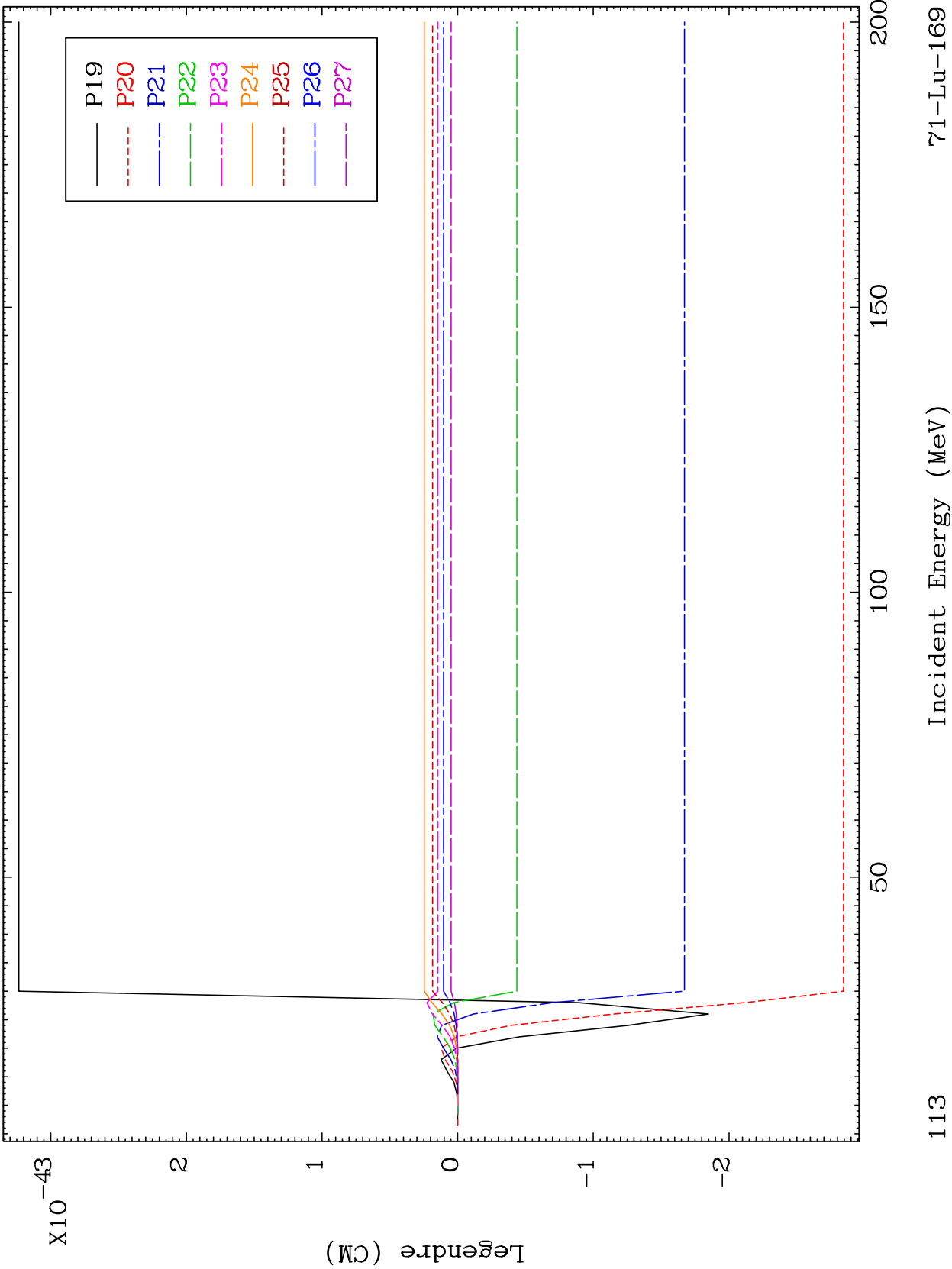
Incident Energy (MeV)

112

MAT 7107

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

71-Lu-169



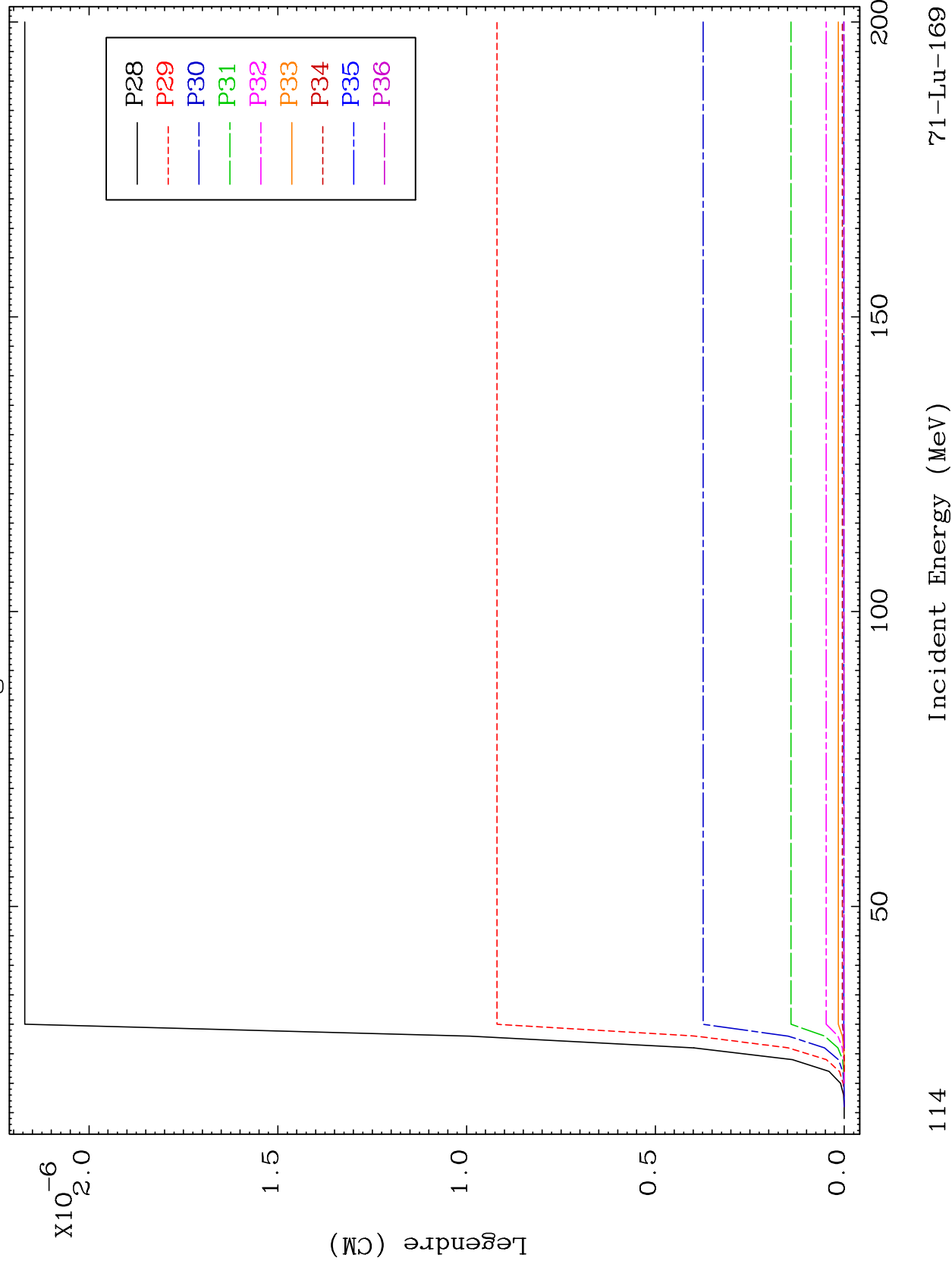
113

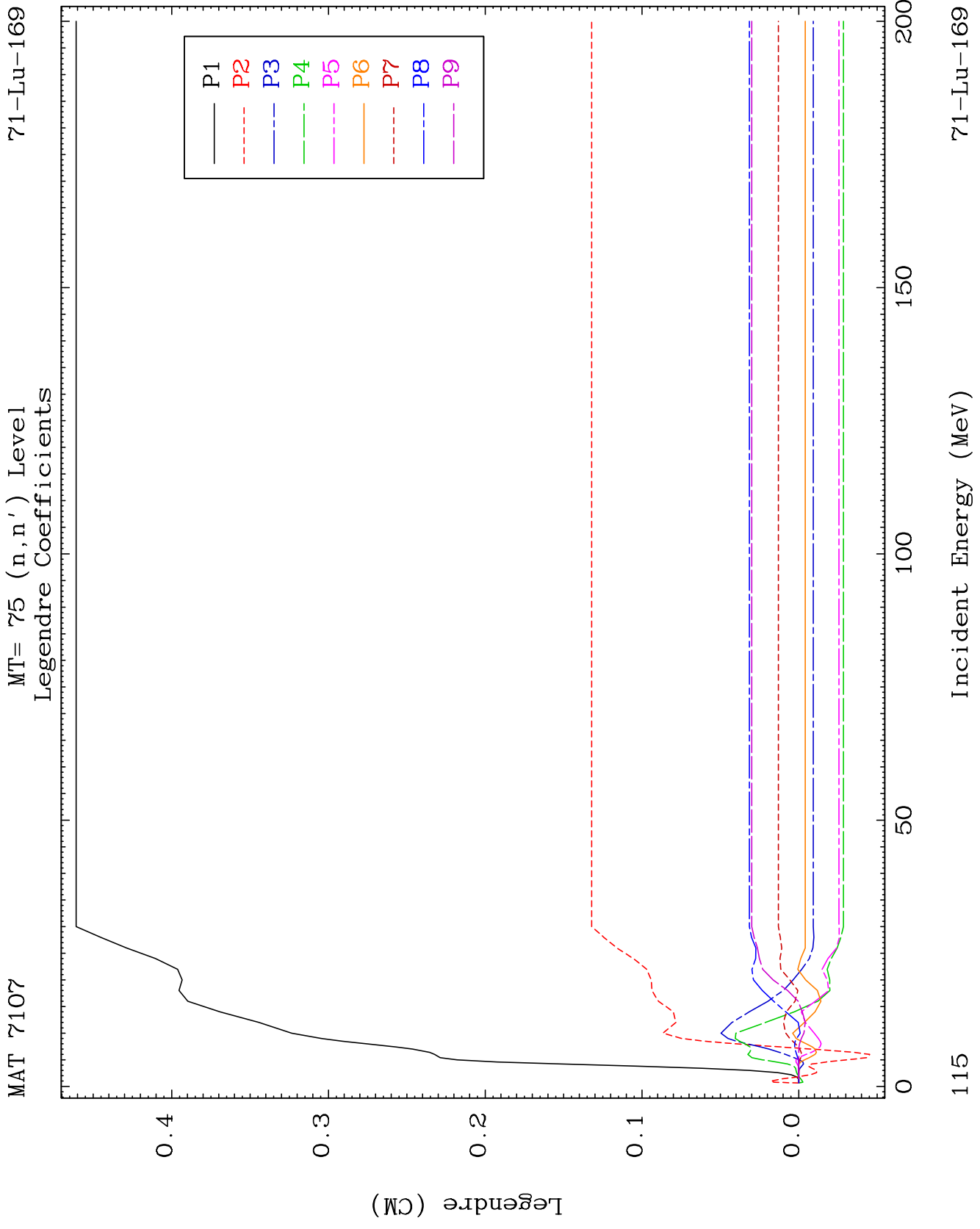
71-Lu-169

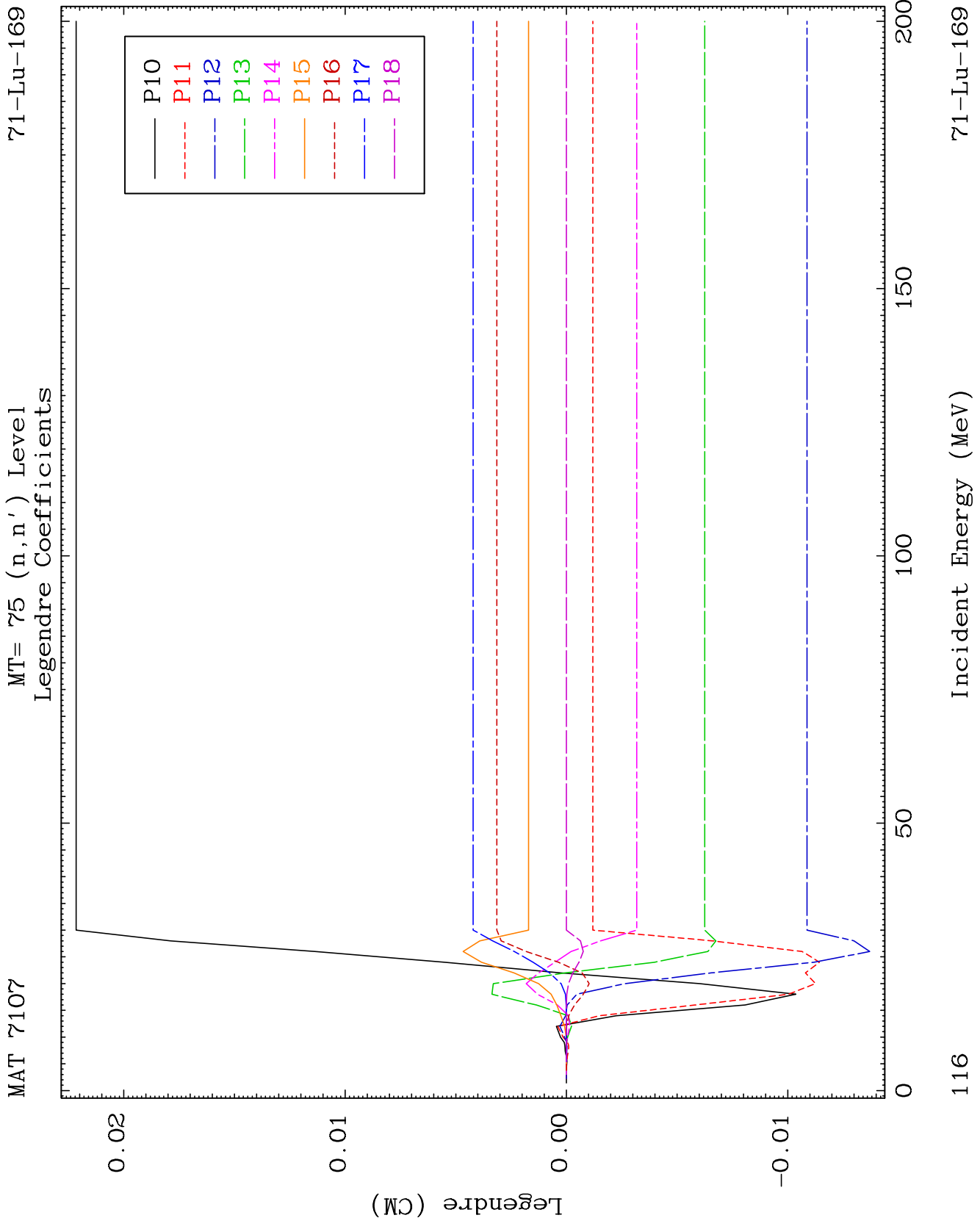
MAT 7107

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

71-Lu-169



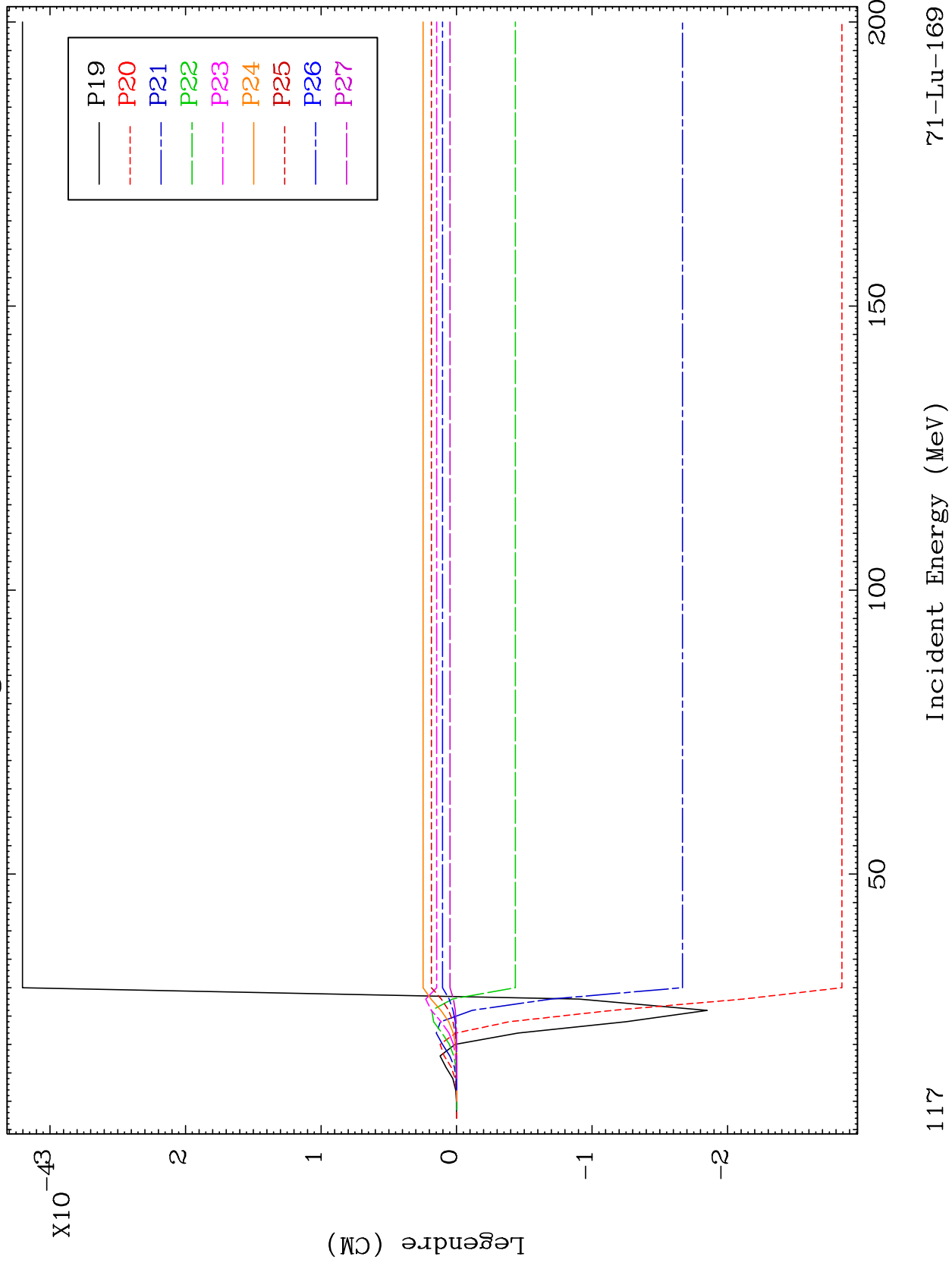




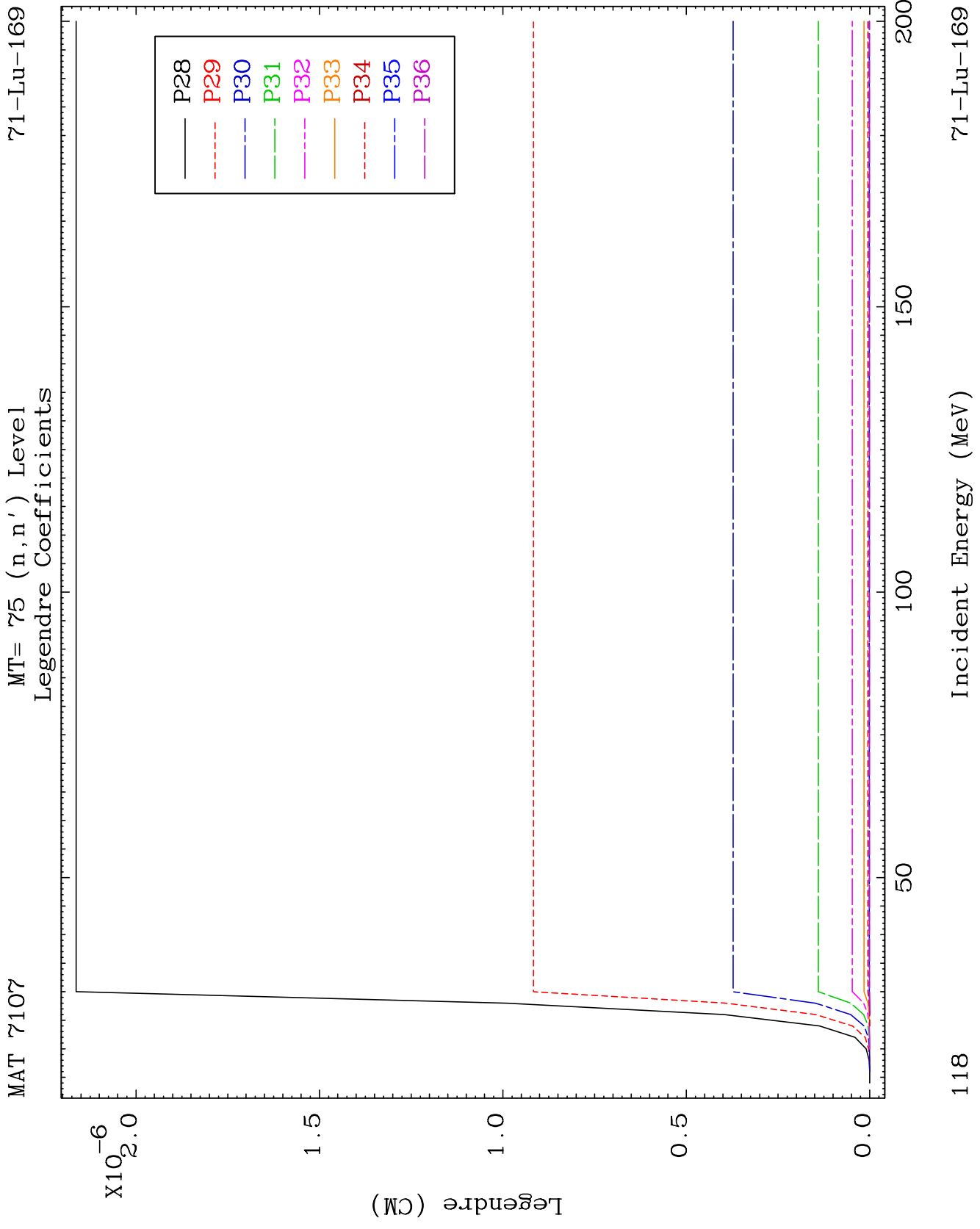
MAT 7107

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

71-Lu-169



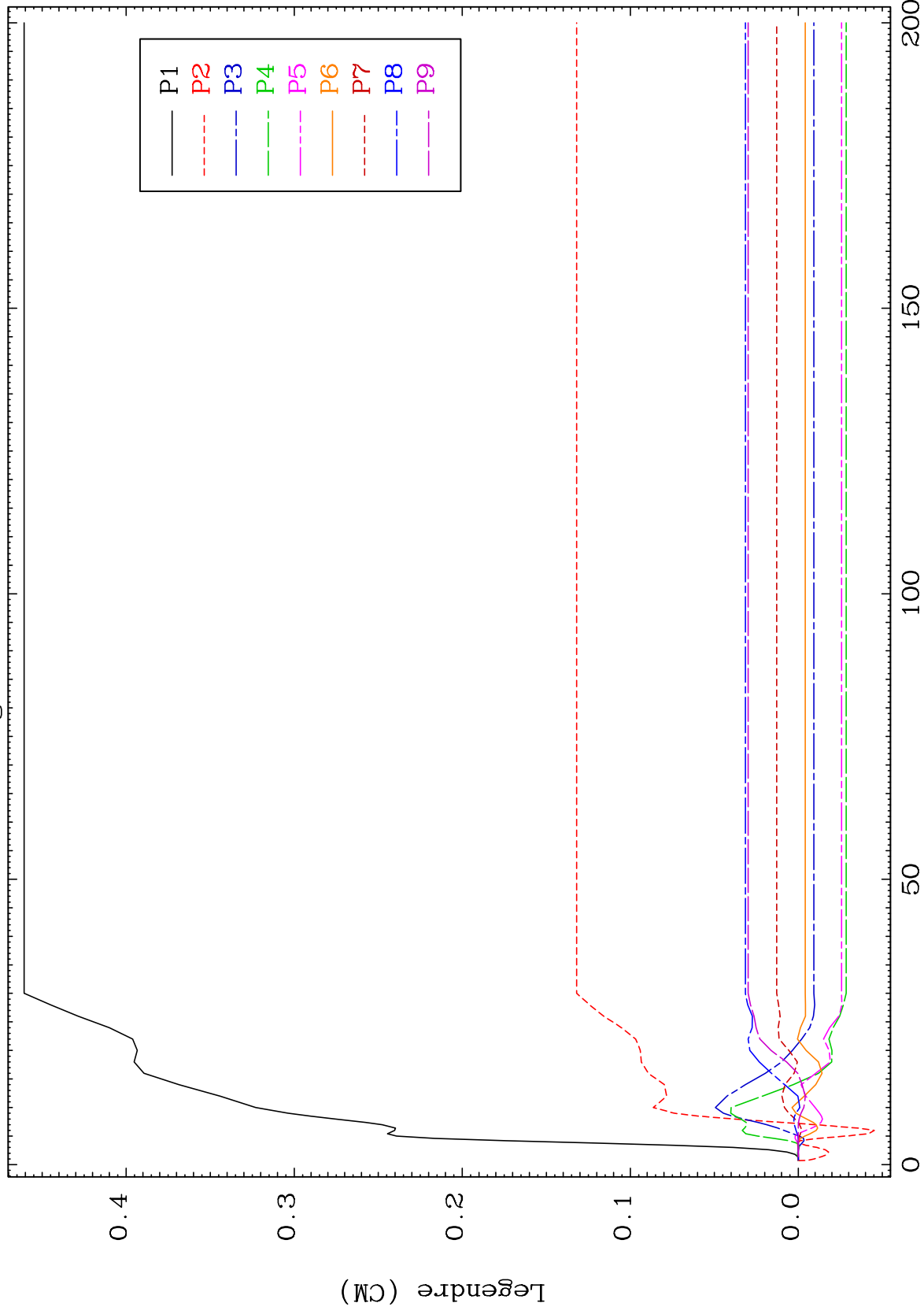
117



MAT 7107

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

71-Lu-169



119

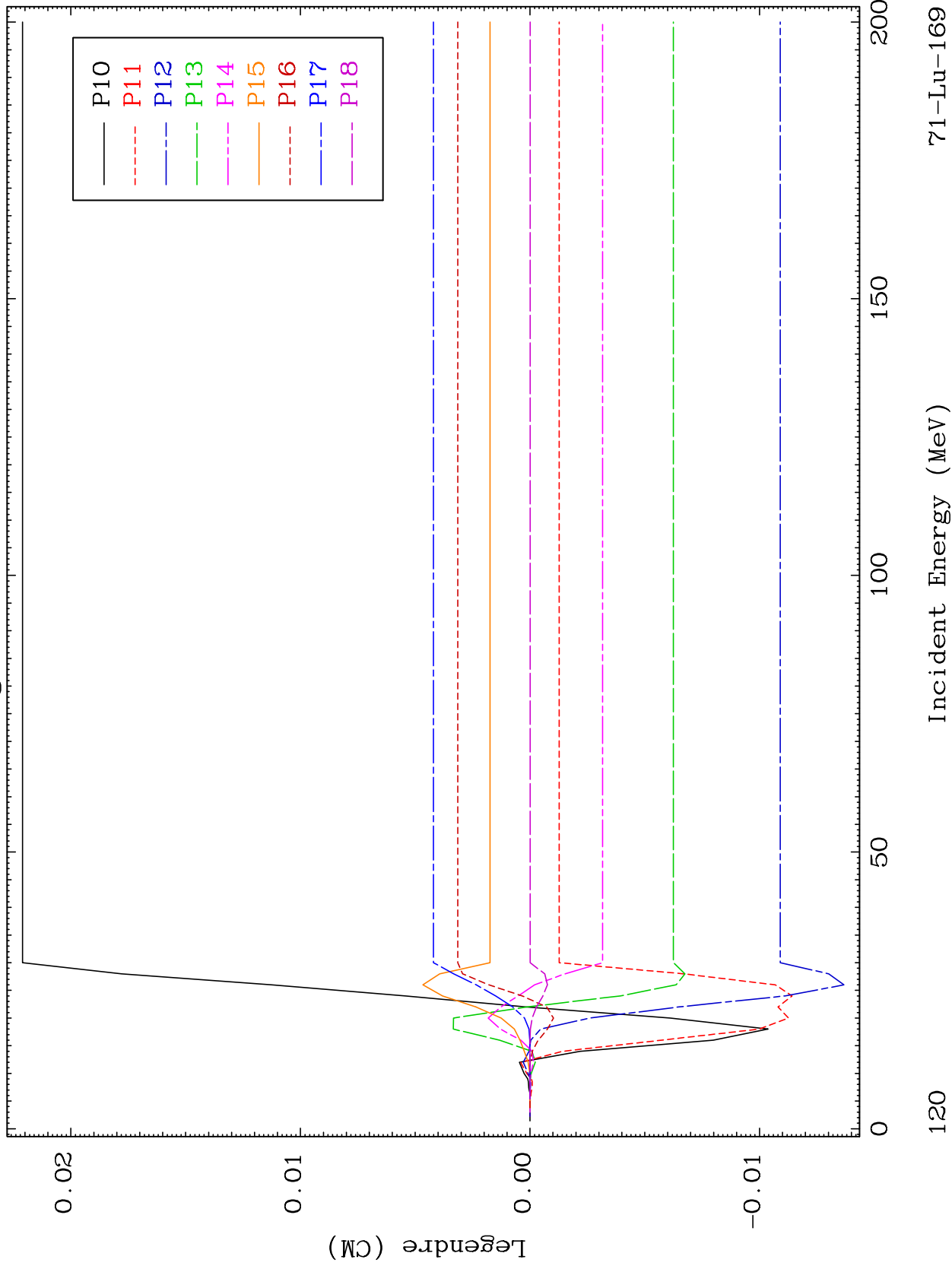
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



71-Lu-169

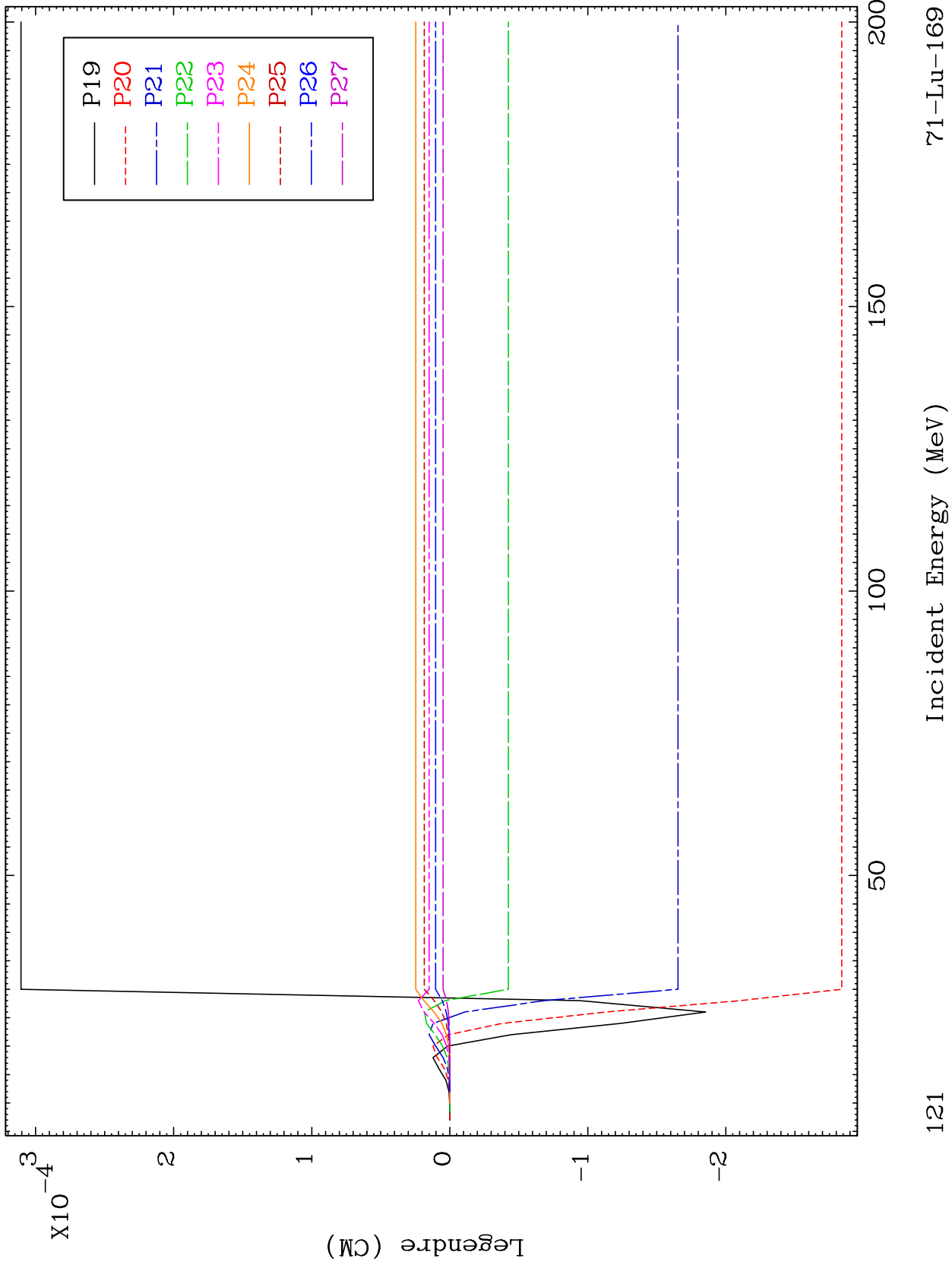
Incident Energy (MeV)

120

MAT 7107

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

71-Lu-169

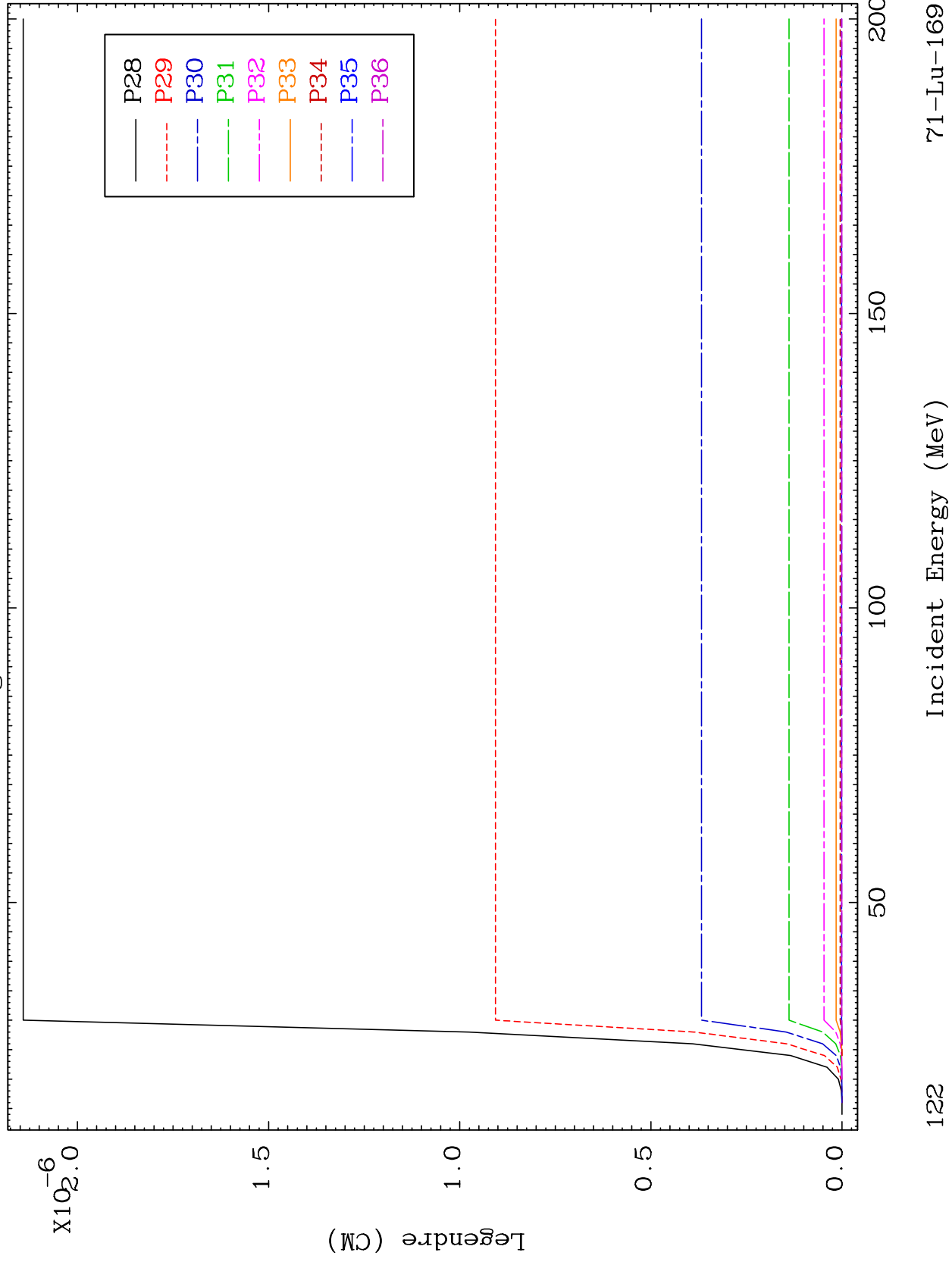


121

MAT 7107

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

71-Lu-169



122

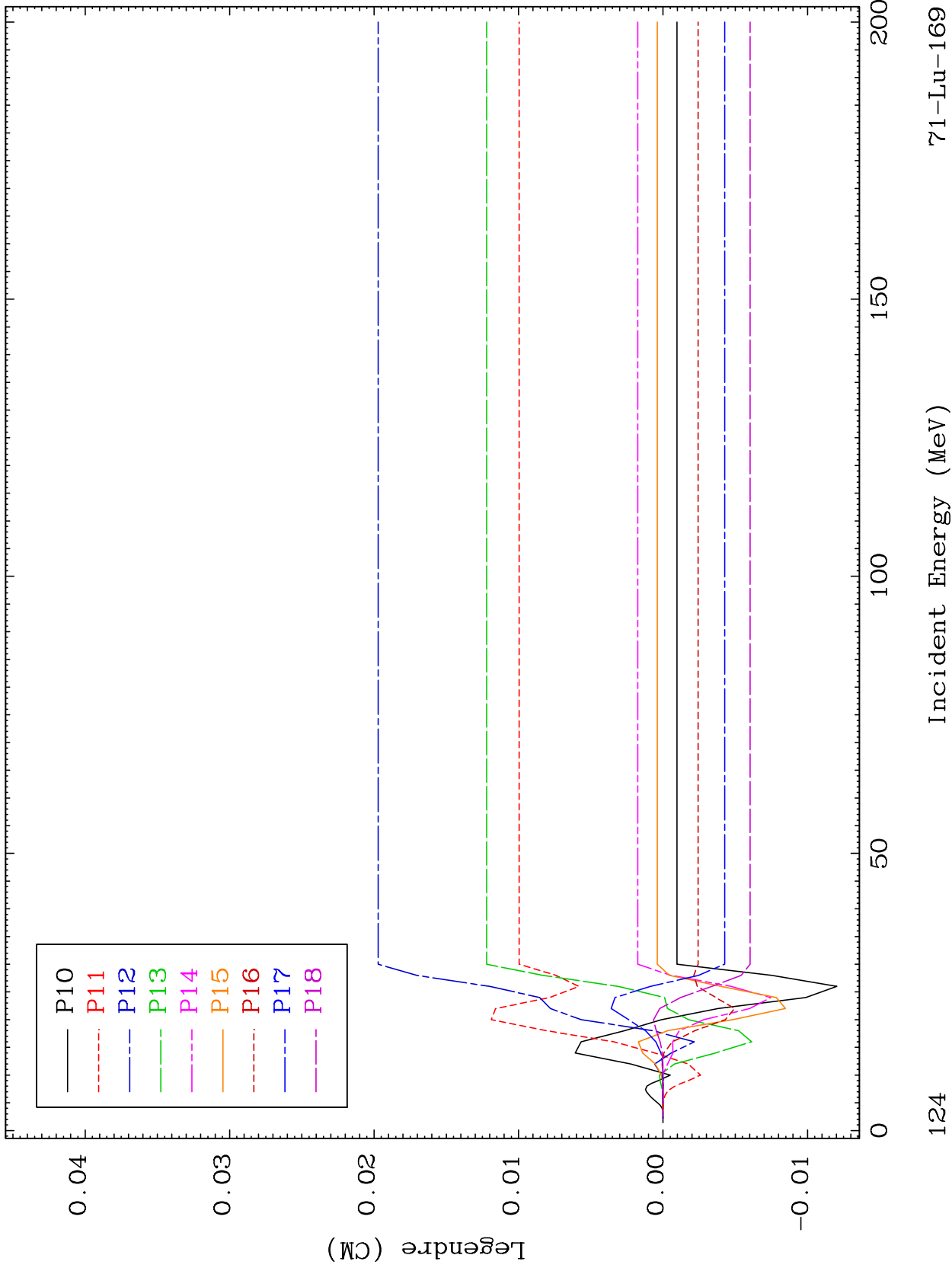
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

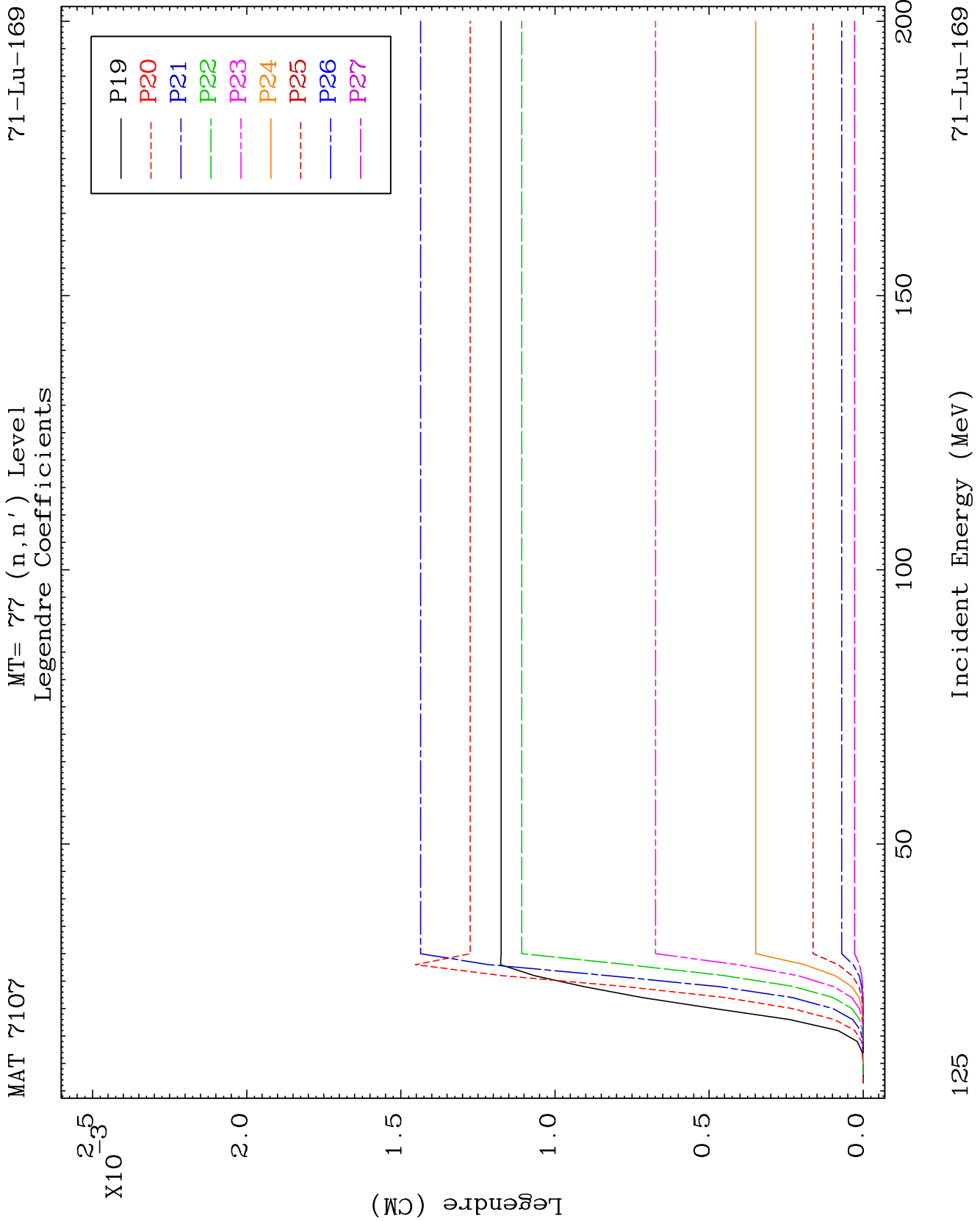
71-Lu-169



124

Incident Energy (MeV)

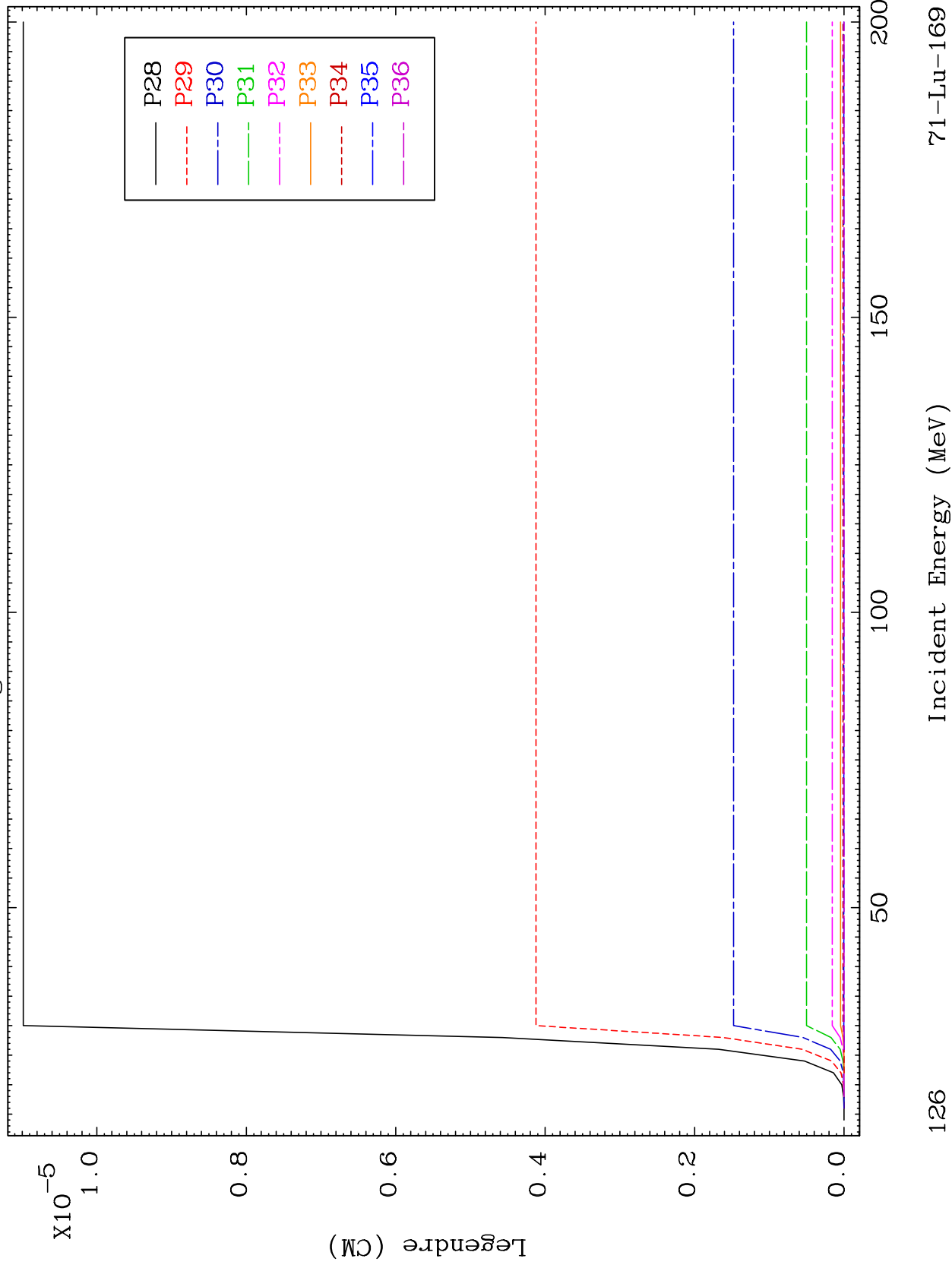
71-Lu-169



MAT 7107

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

71-Lu-169



71-Lu-169

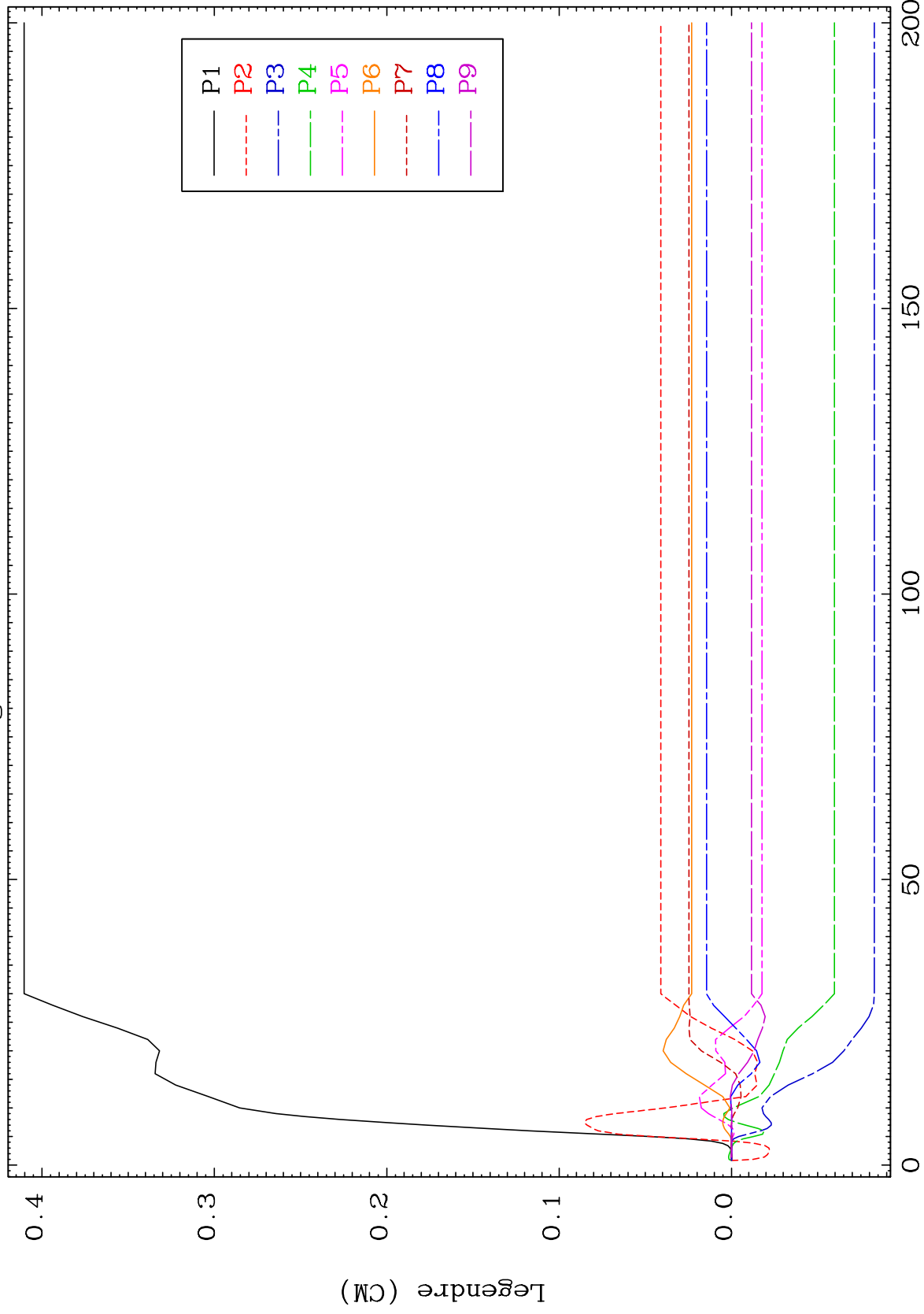
Incident Energy (MeV)

126

MAT 7107

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

71-Lu-169



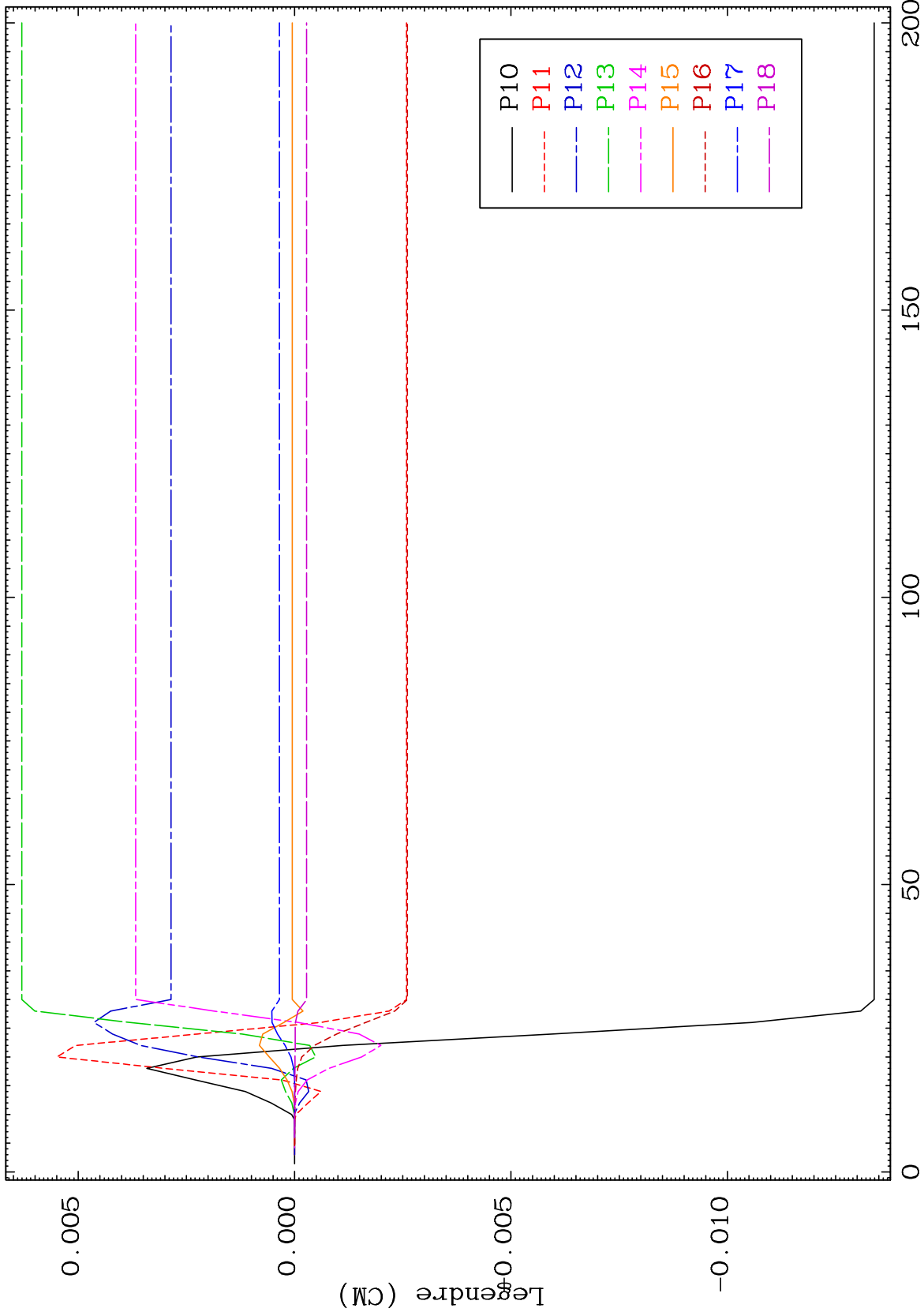
127

71-Lu-169

MAT 7107

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

71-Lu-169



128

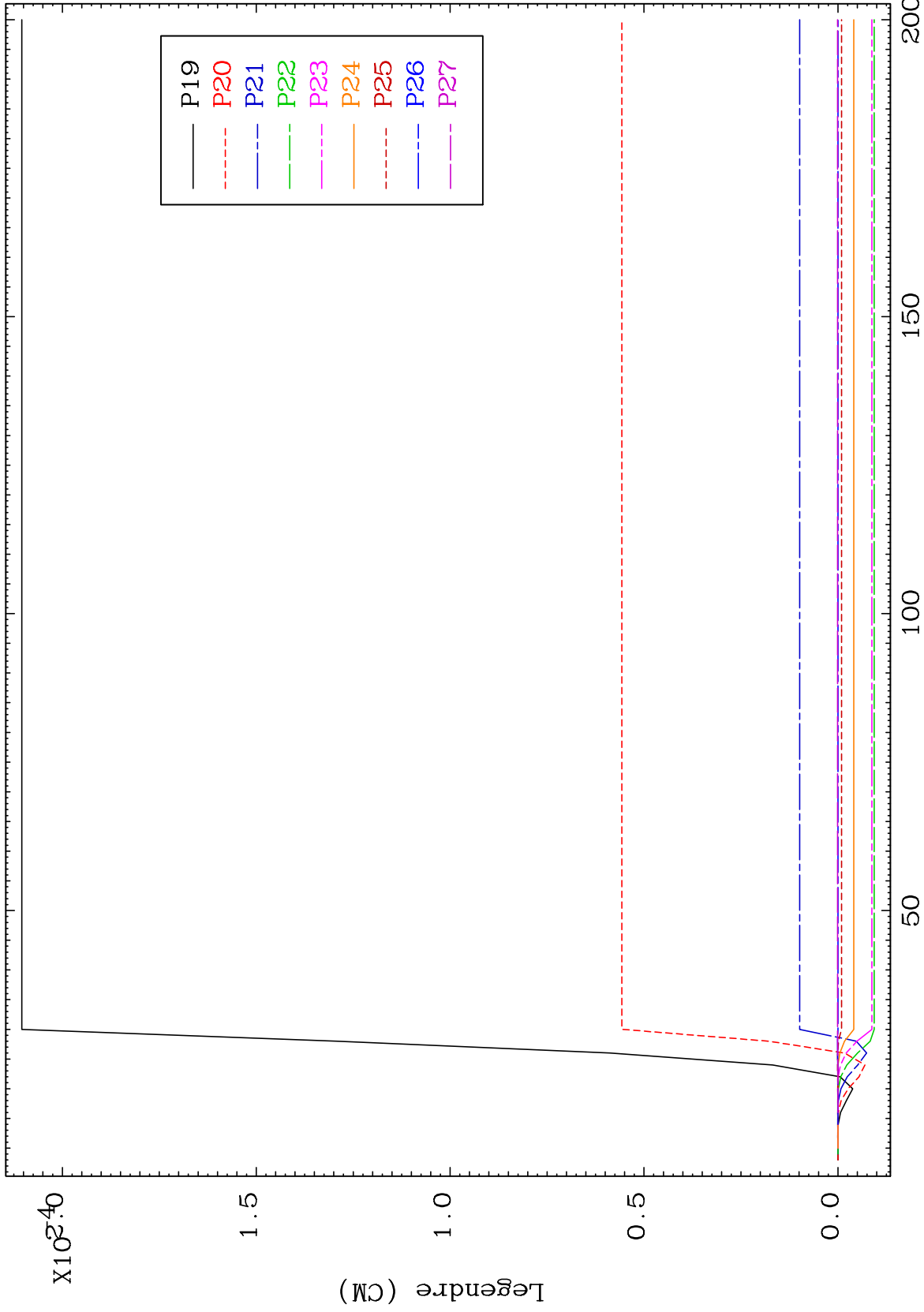
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

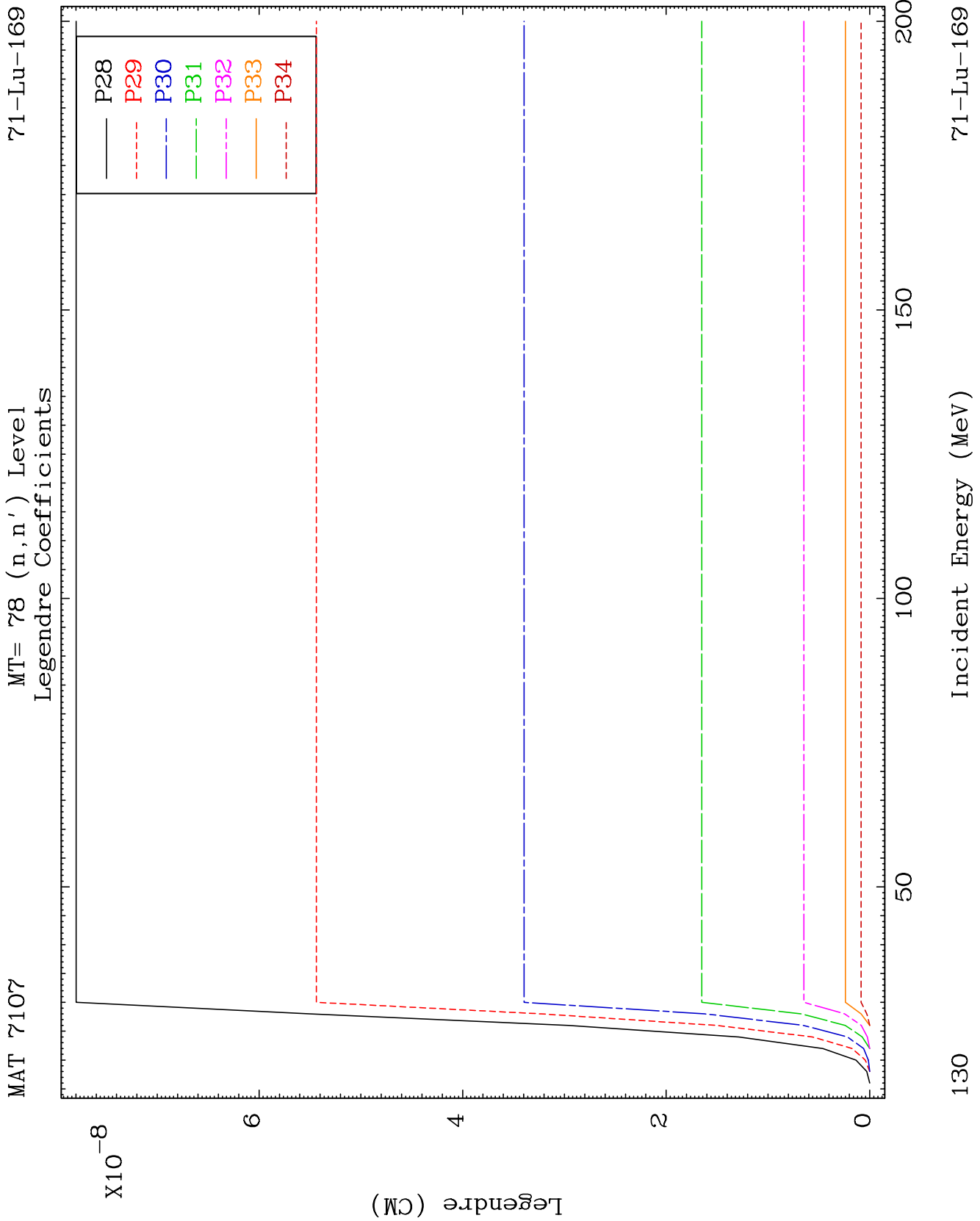
71-Lu-169



129

Incident Energy (MeV)

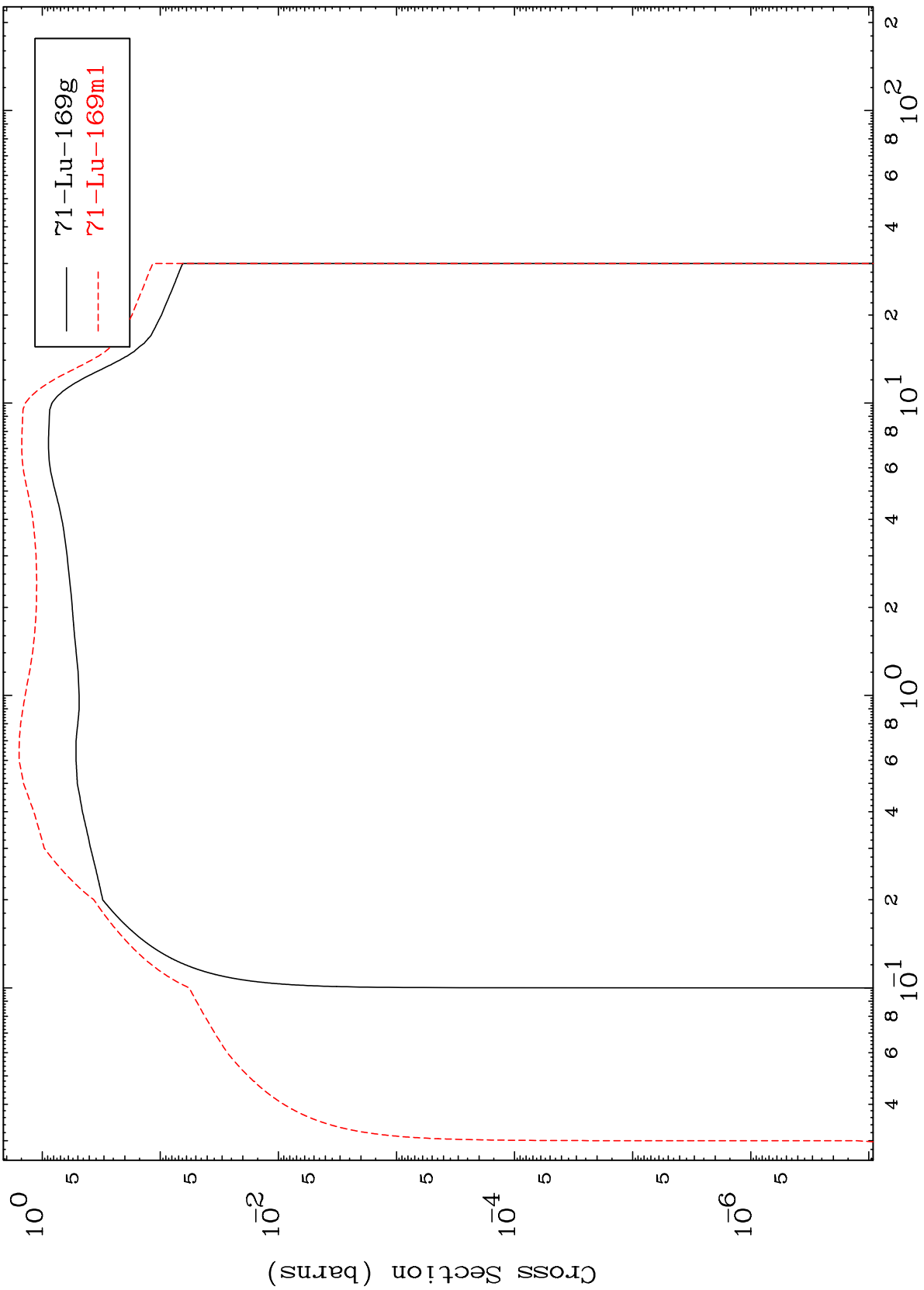
71-Lu-169



MAT 7107

71-Lu-169

Inelastic
Radionuclide Production Cross Section



131

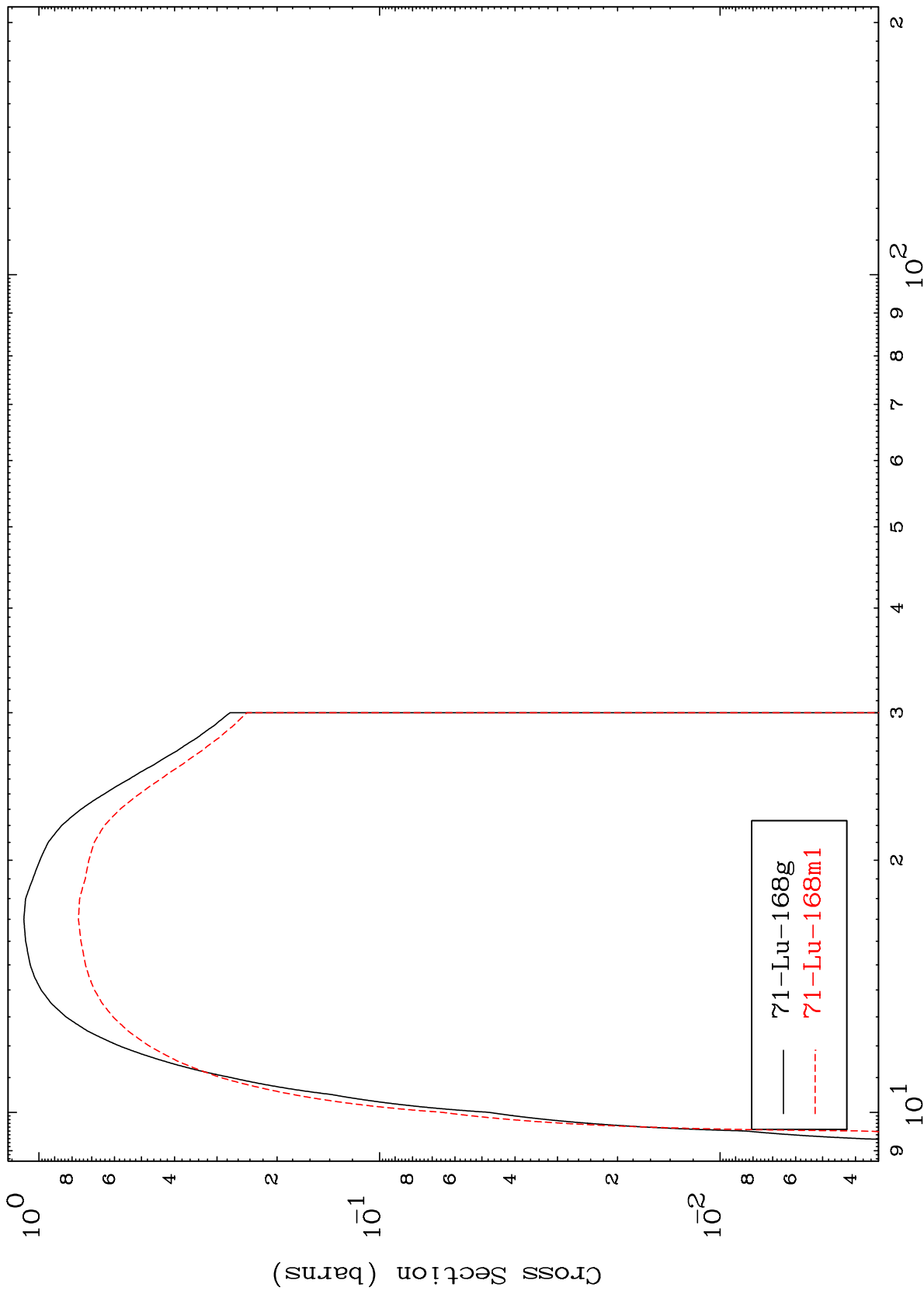
Incident Energy (MeV)

71-Lu-169

MAT 7107

71-Lu-169

Radionuclide Production Cross Section
(n,2n)

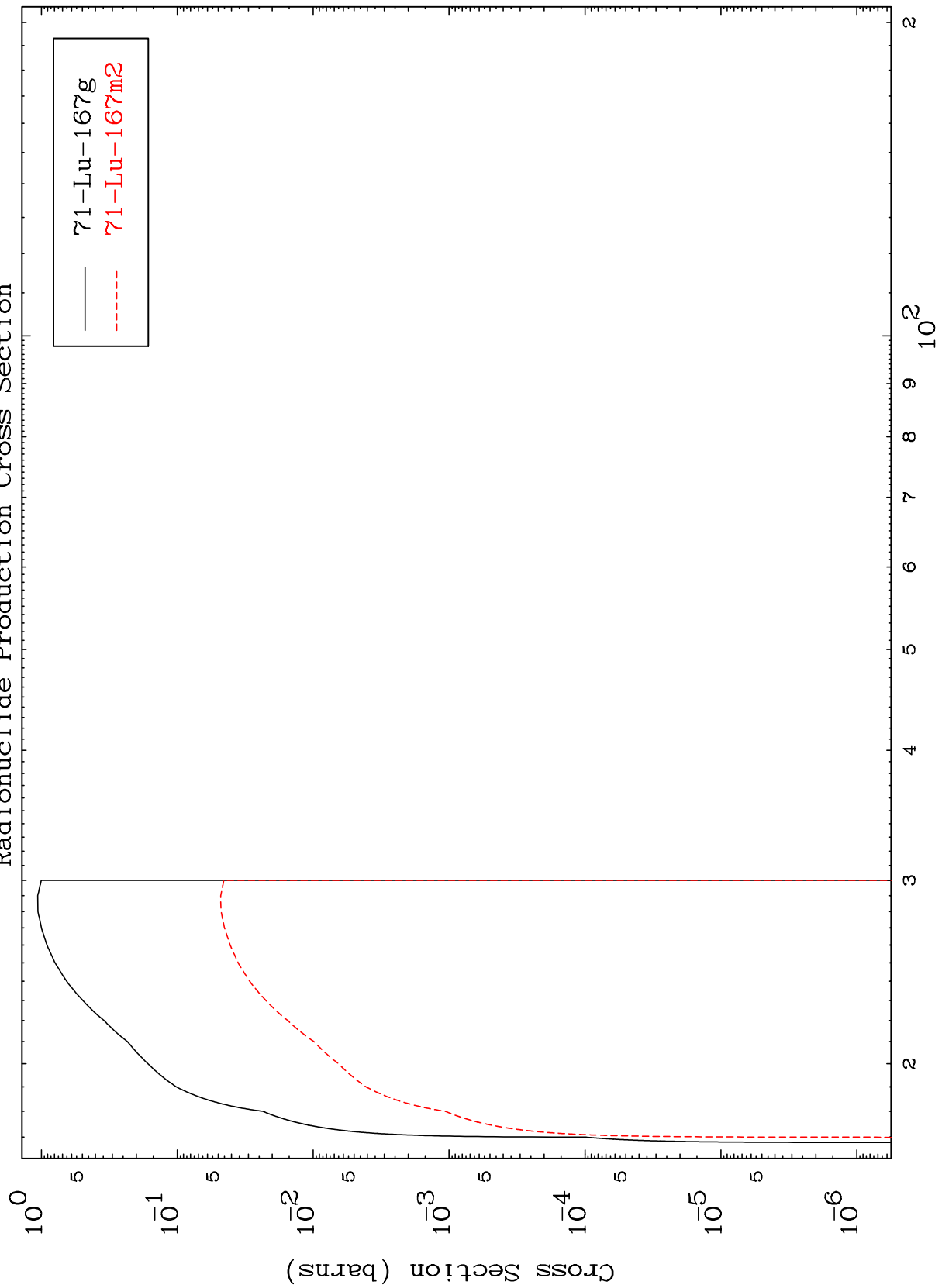


71-Lu-169

Incident Energy (MeV)

132

(n,3n)
Radionuclide Production Cross Section

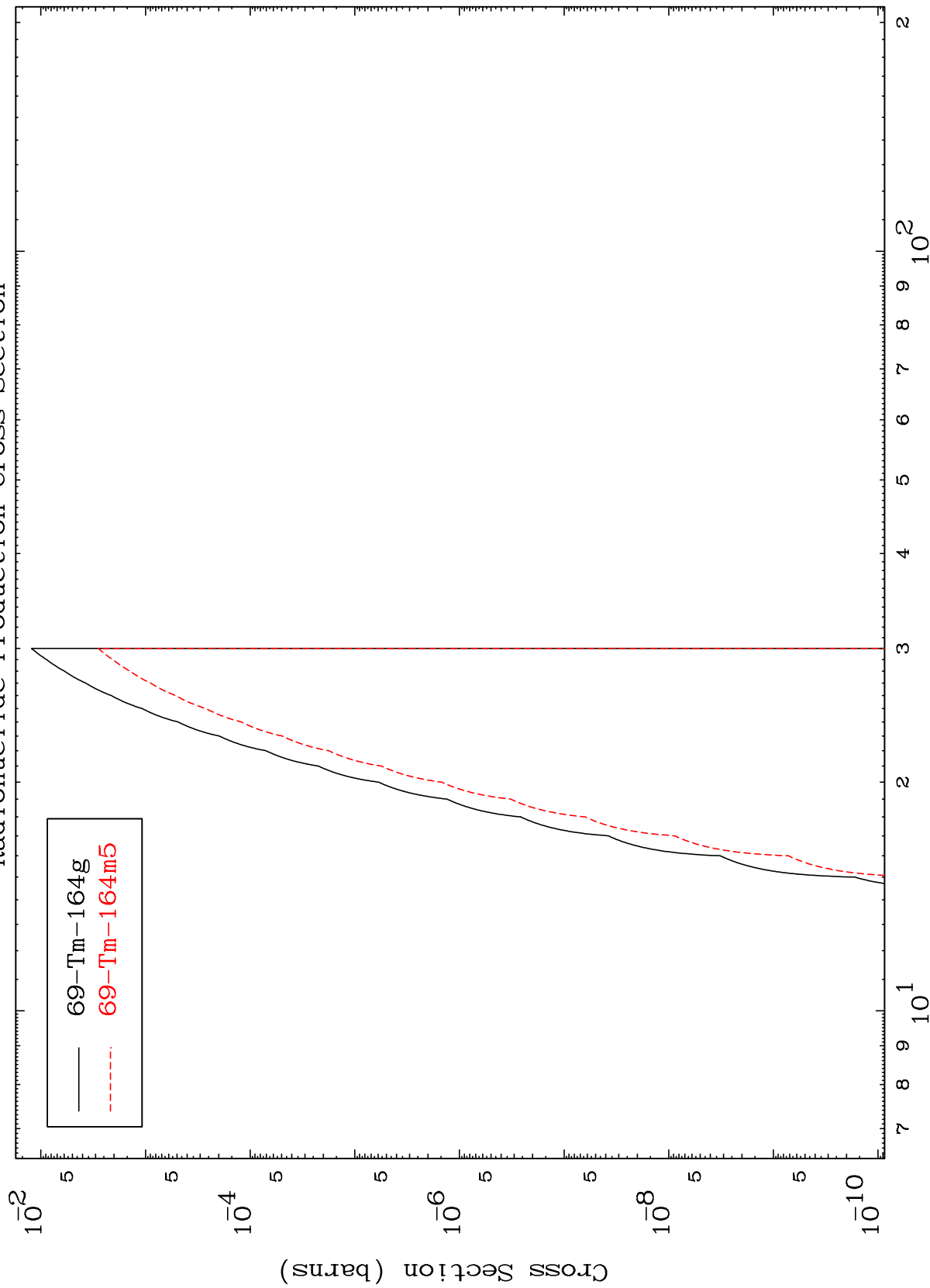


MAT 7107

$(n,2n) \alpha$

$^{71}\text{Lu-169}$

Radionuclide Production Cross Section



134

Incident Energy (MeV)

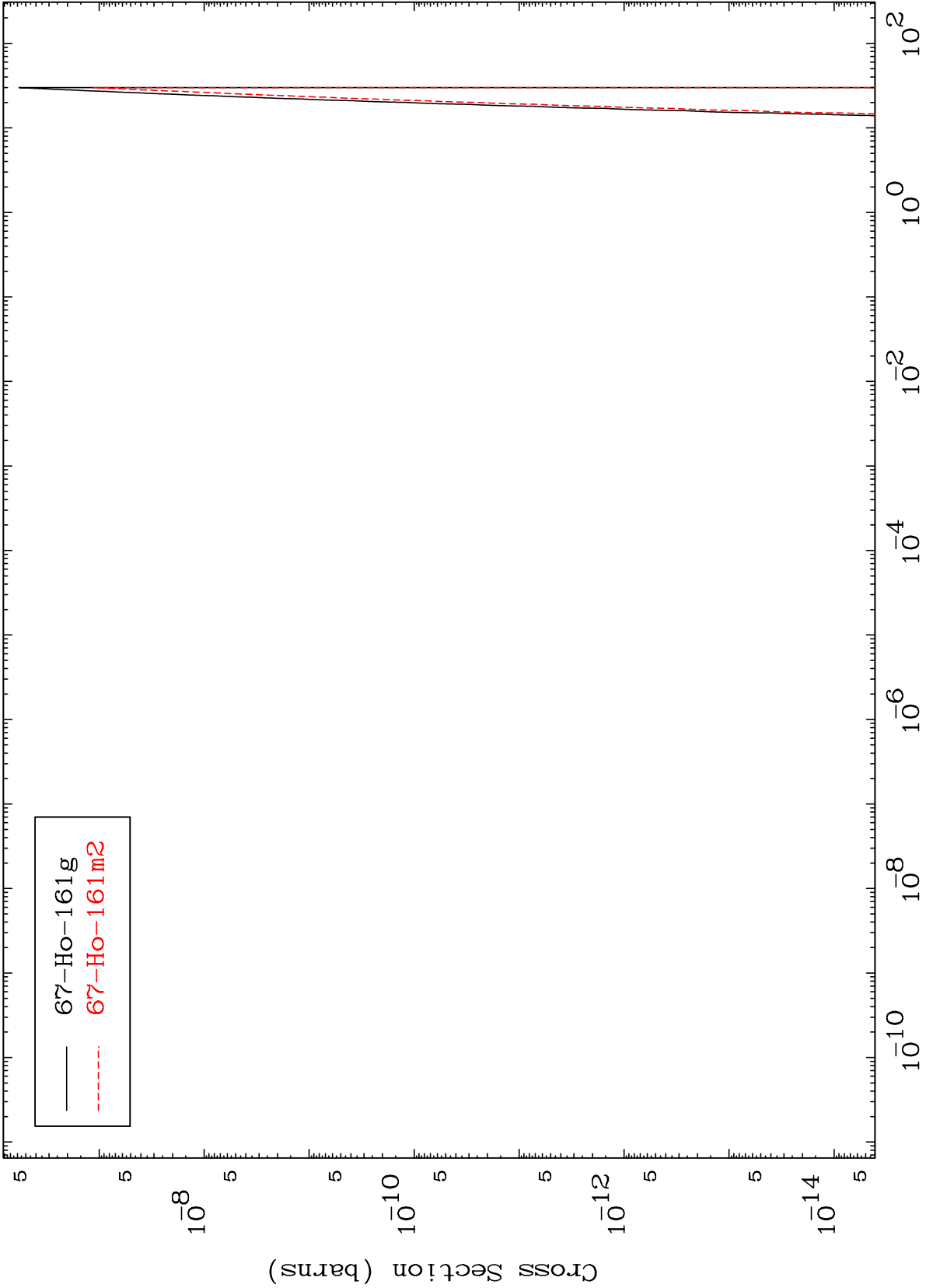
$^{71}\text{Lu-169}$

MAT 7107

(n,n') 2α

71-Lu-169

Radionuclide Production Cross Section



135

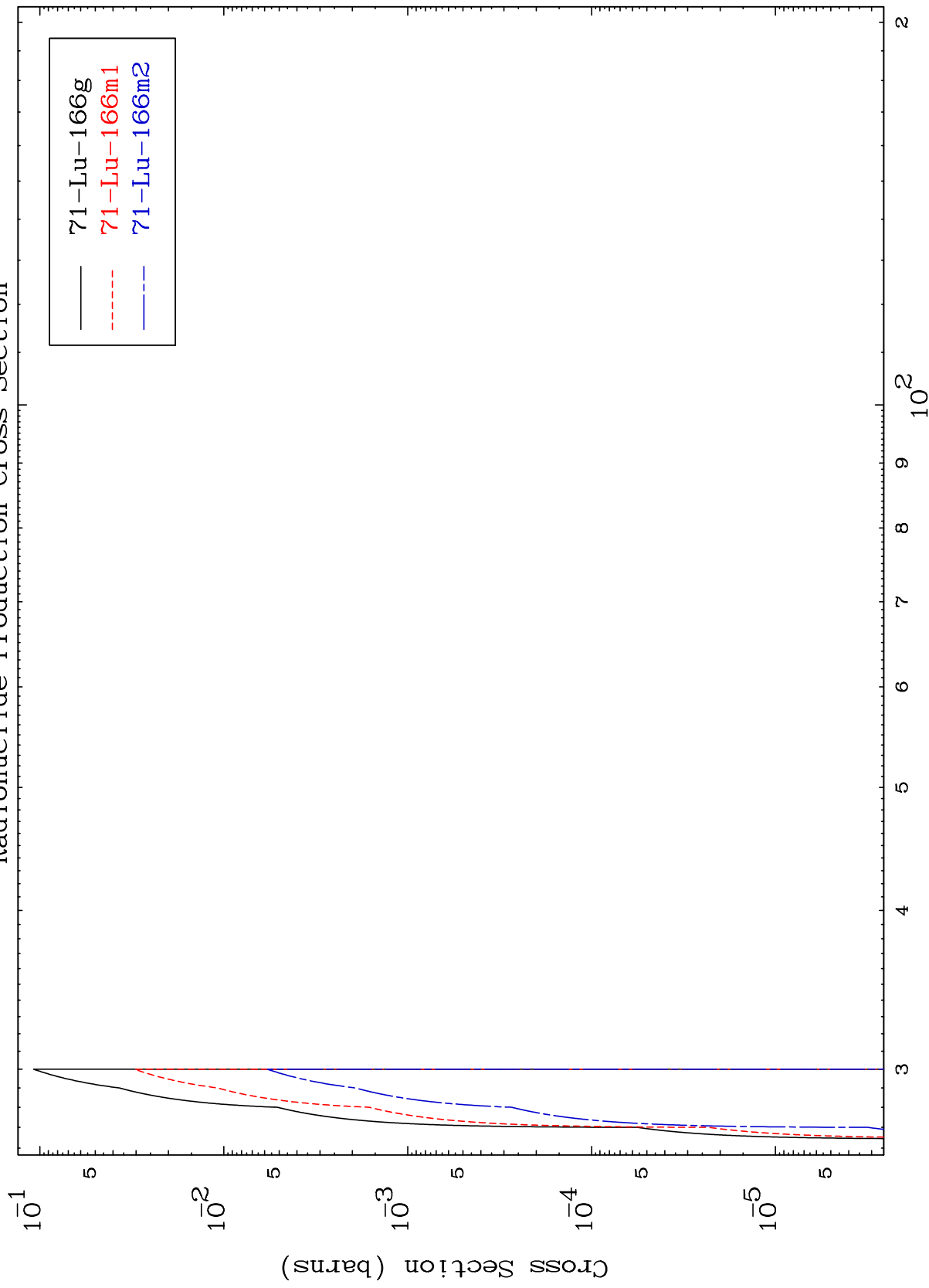
Incident Energy (MeV)

71-Lu-169

MAT 7107

71-Lu-169

(n,4n)
Radionuclide Production Cross Section



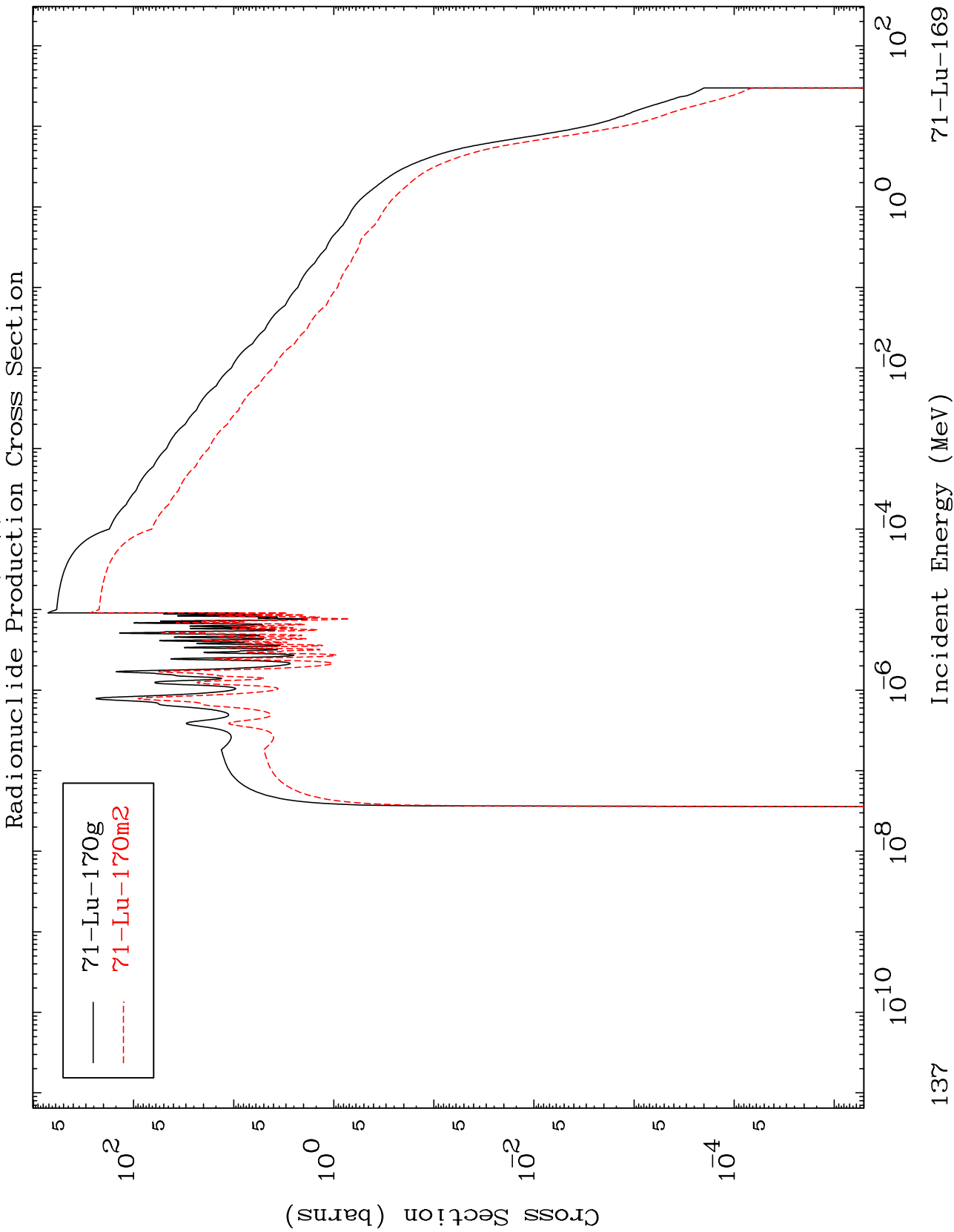
136

71-Lu-169

Incident Energy (MeV)

MAT 7107

71-Lu-169



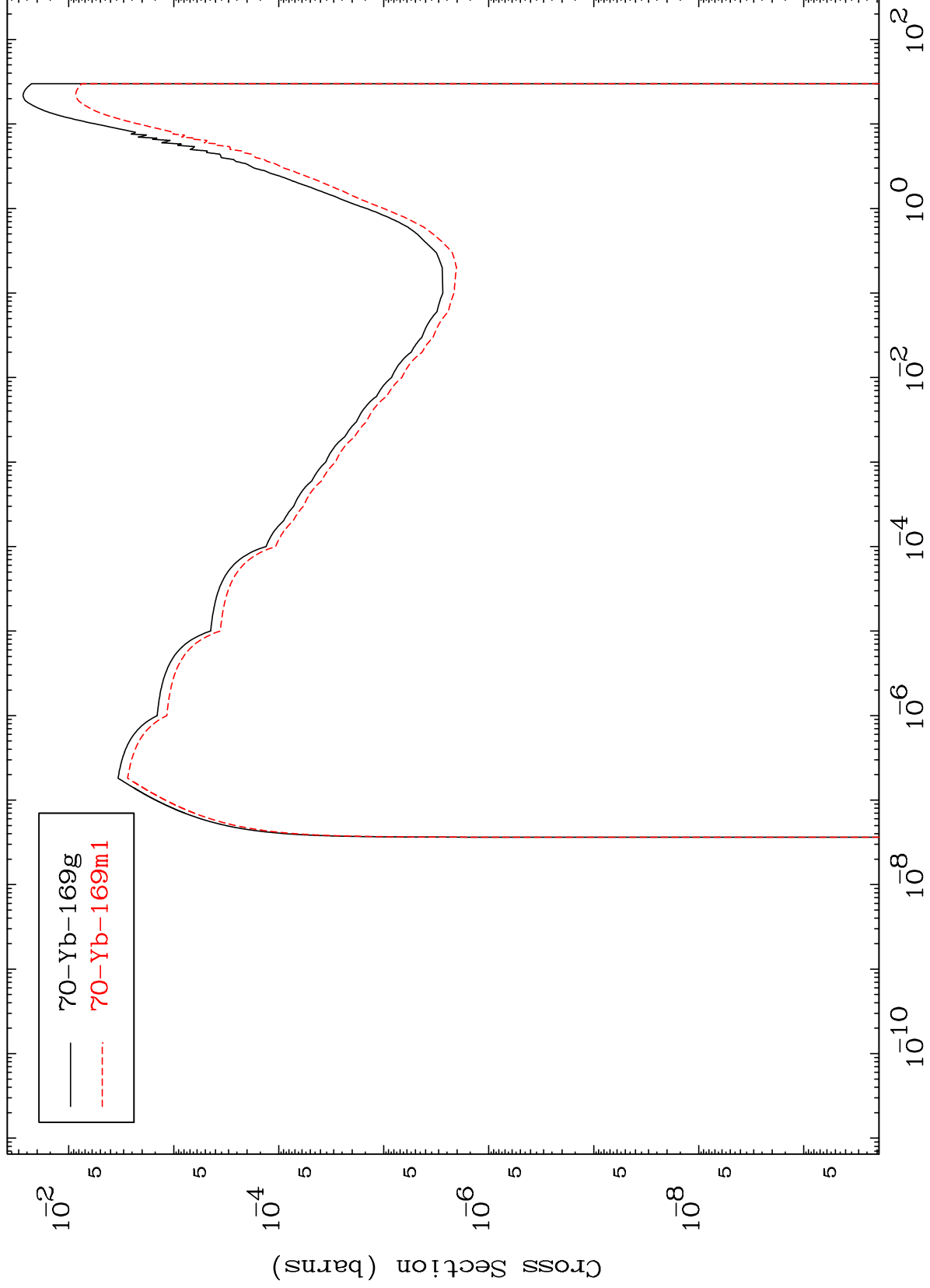
137

MAT 7107

(n,p)

⁷¹Lu-169

Radionuclide Production Cross Section



138

Incident Energy (MeV)

⁷¹Lu-169

MAT 7107

(n,2α)

⁷¹Lu-169

Radionuclide Production Cross Section

