

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

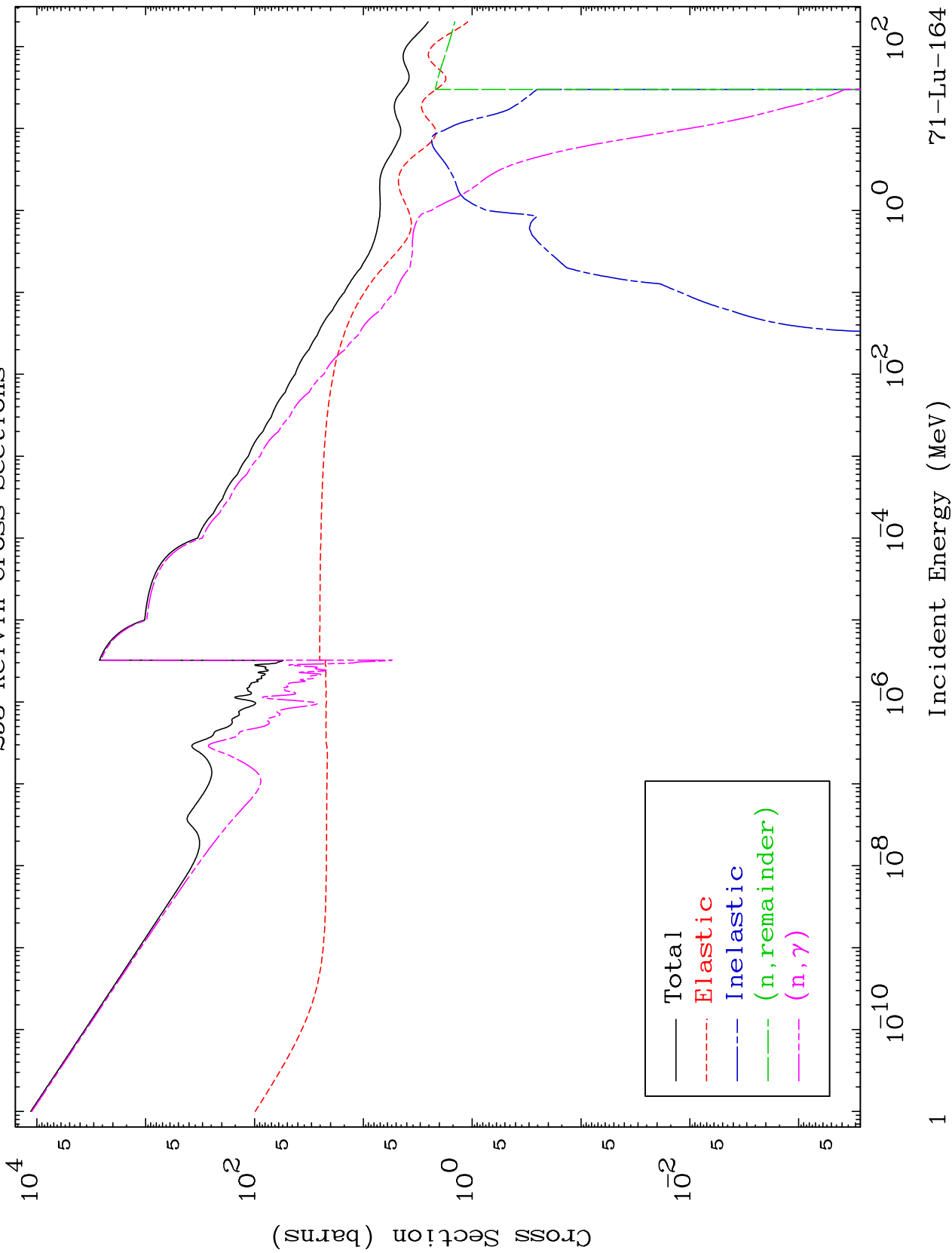
Press Mouse Button to Start

MAT 7092

Major

293 Kelvin Cross Sections

71-Lu-164



1

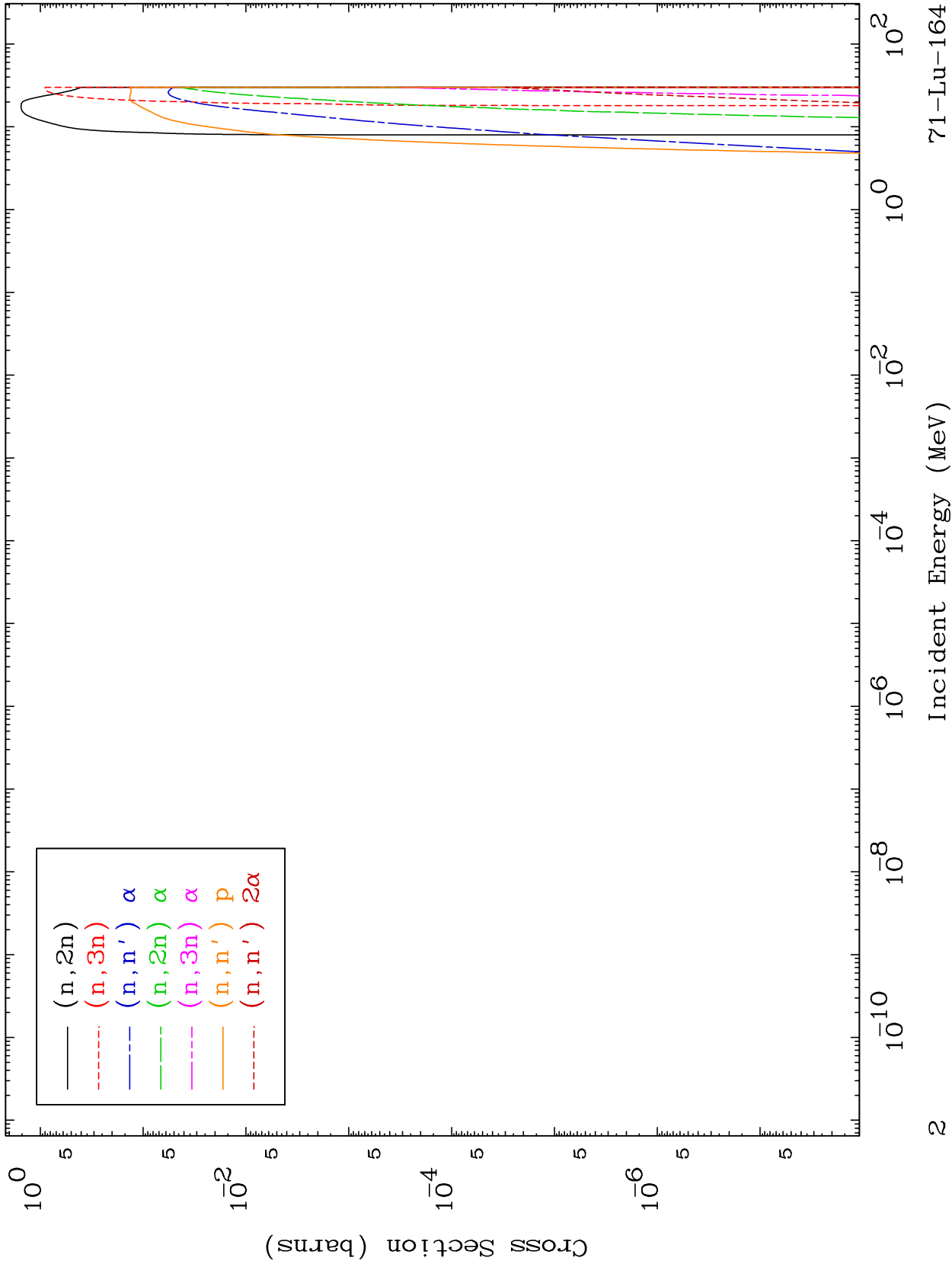
Incident Energy (MeV)

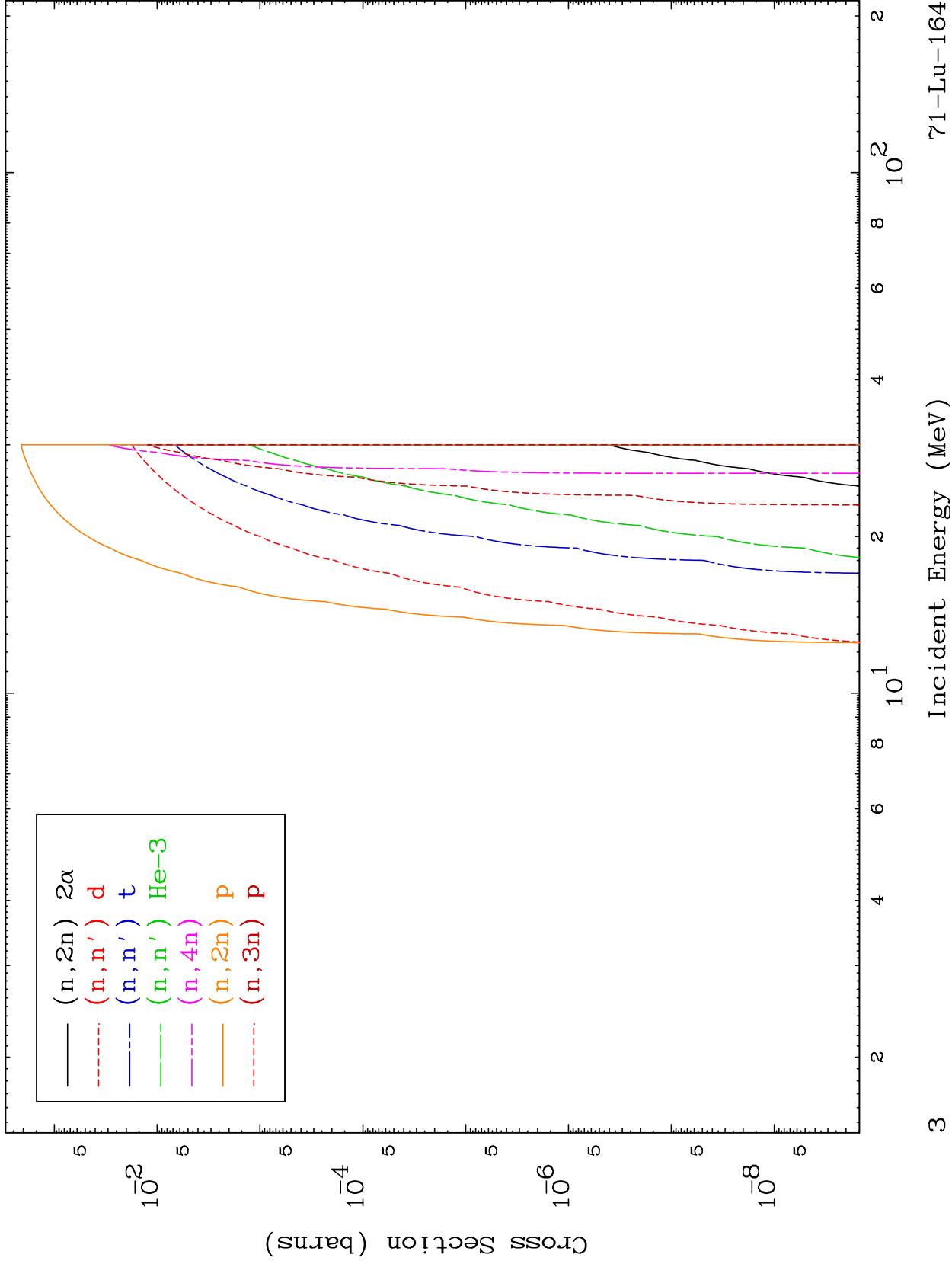
71-Lu-164

MAT 7092

Neutron Production
293 Kelvin Cross Sections

71-Lu-164

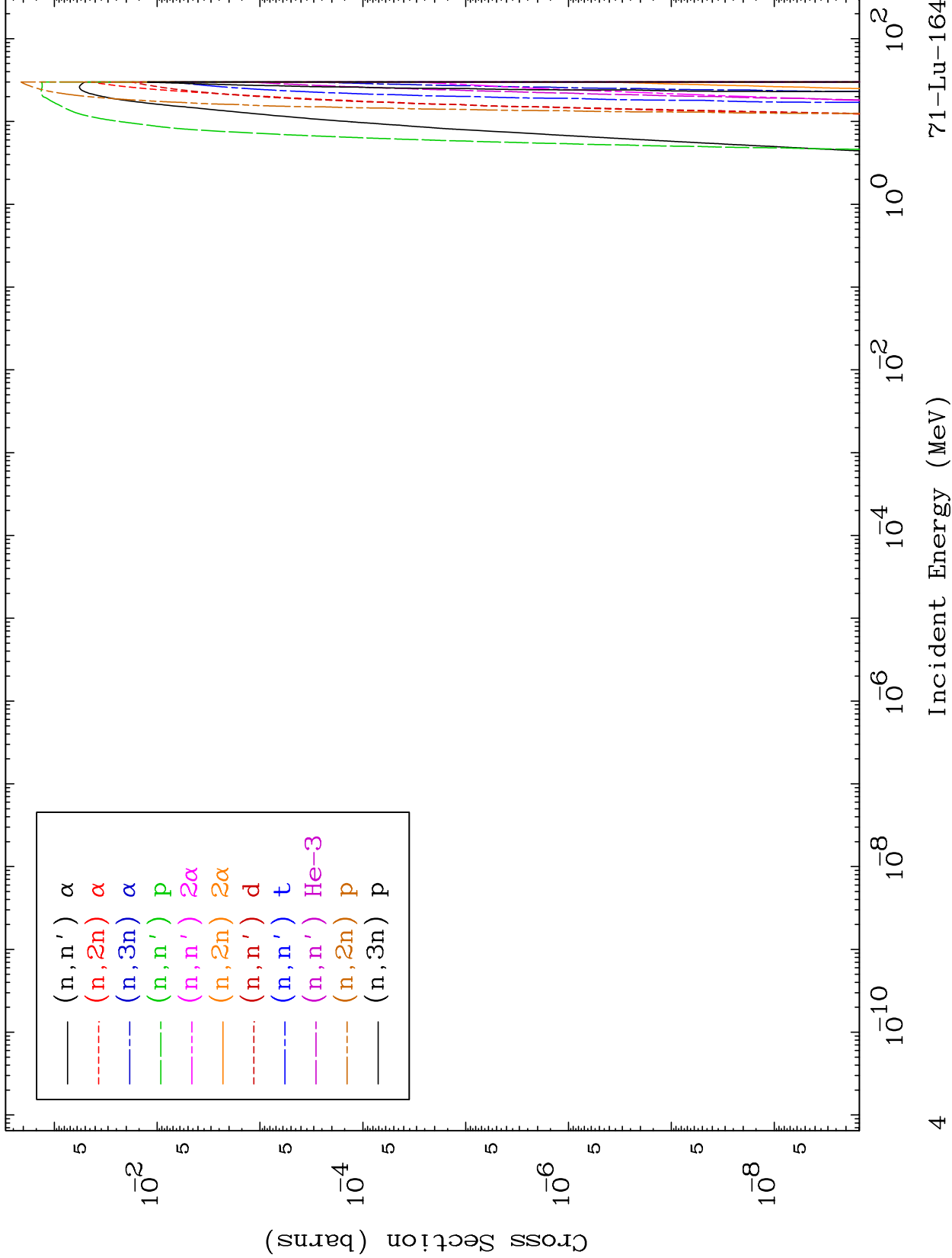


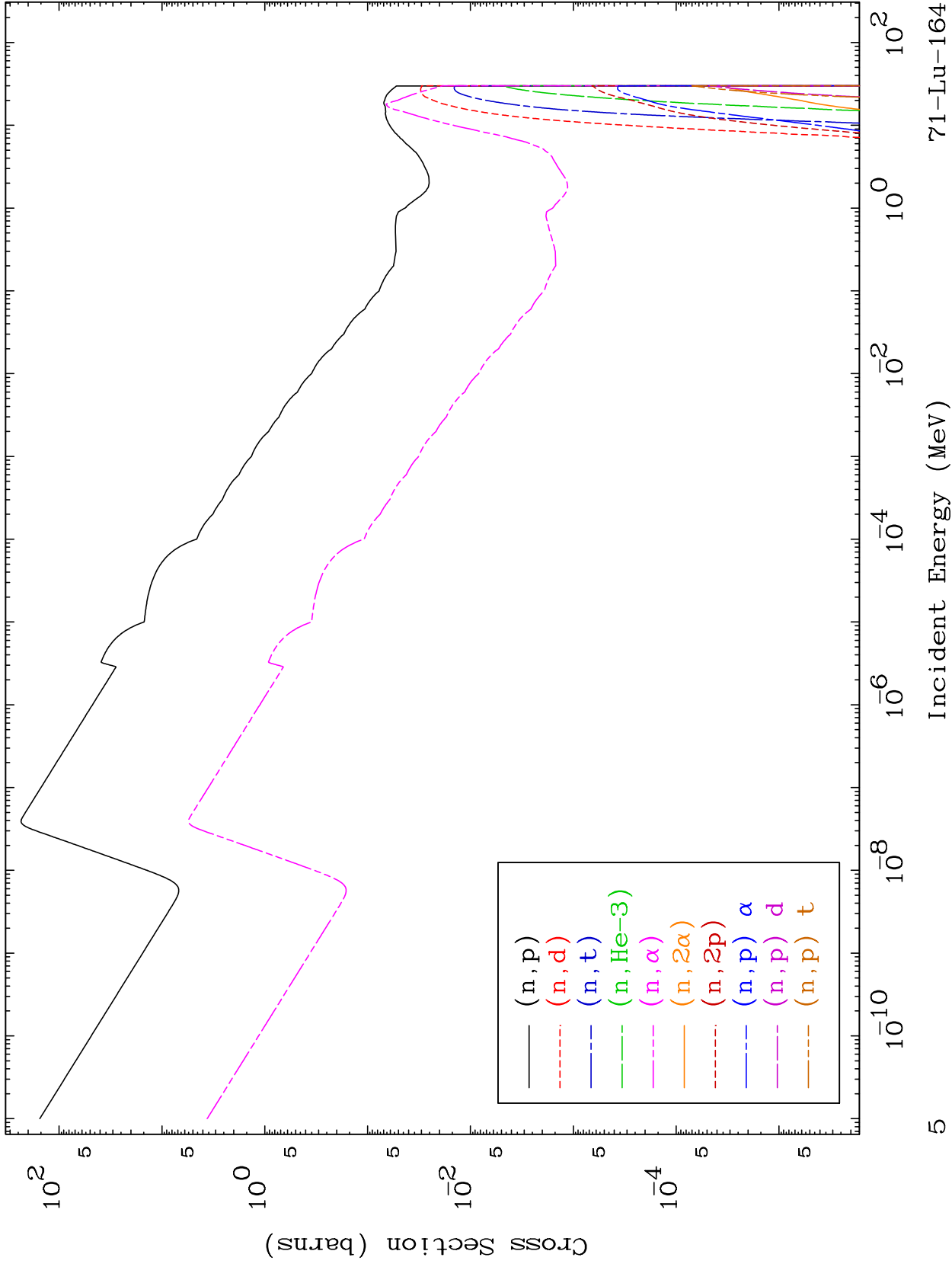


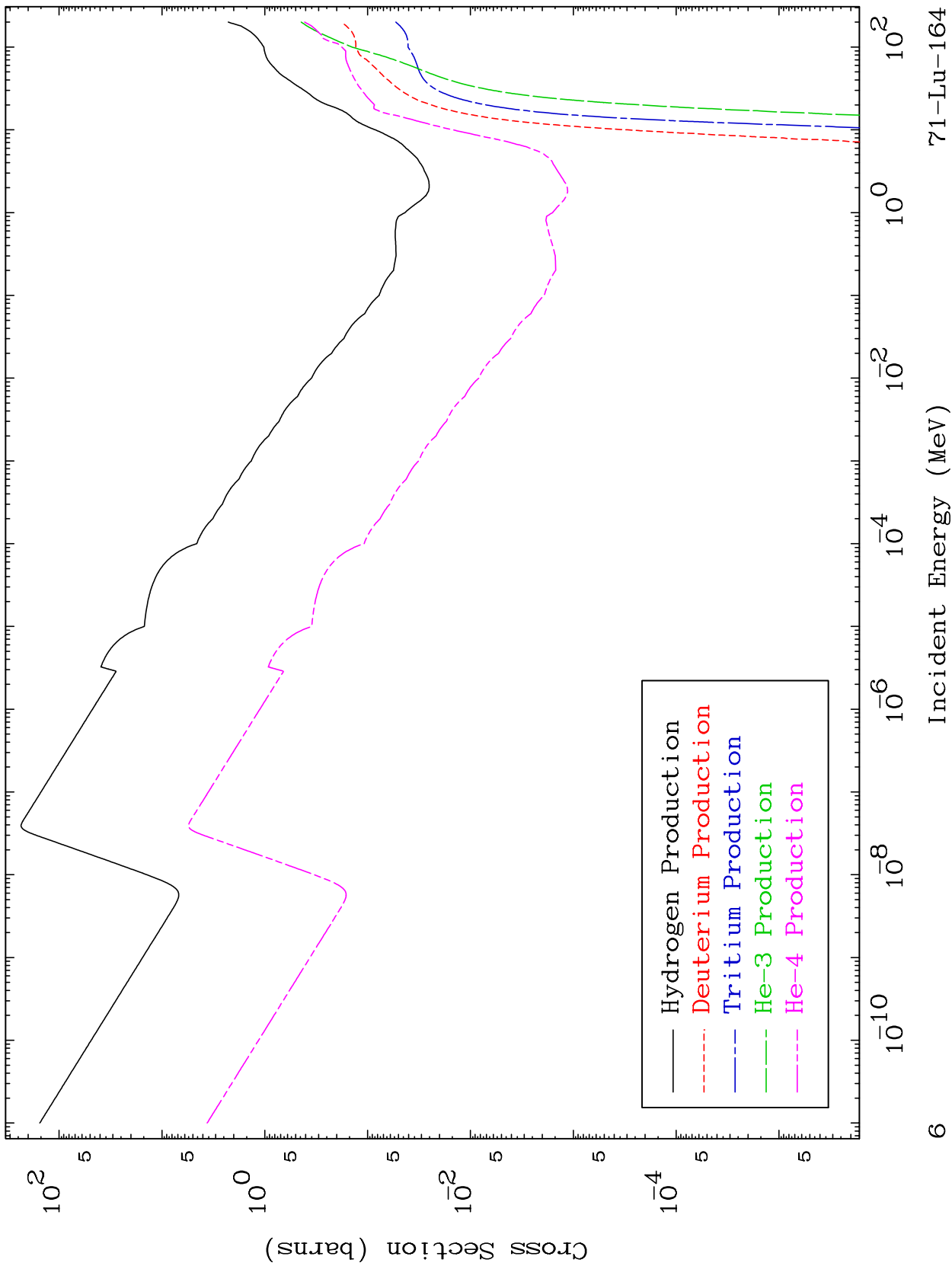
MAT 7092

Charged Particle
293 Kelvin Cross Sections

71-Lu-164



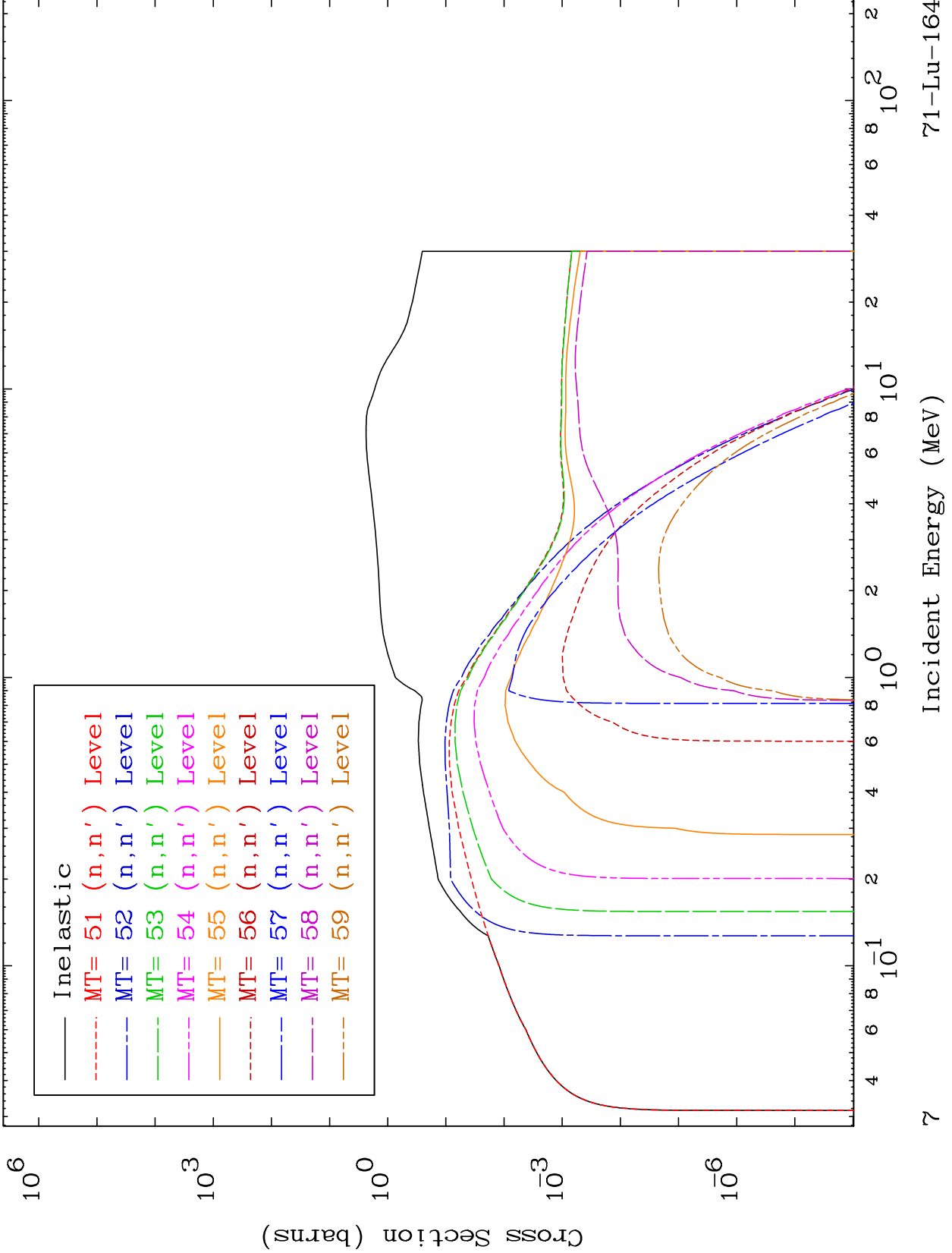




MAT 7092

(n,n') Level
293 Kelvin Cross Sections

71-Lu-164

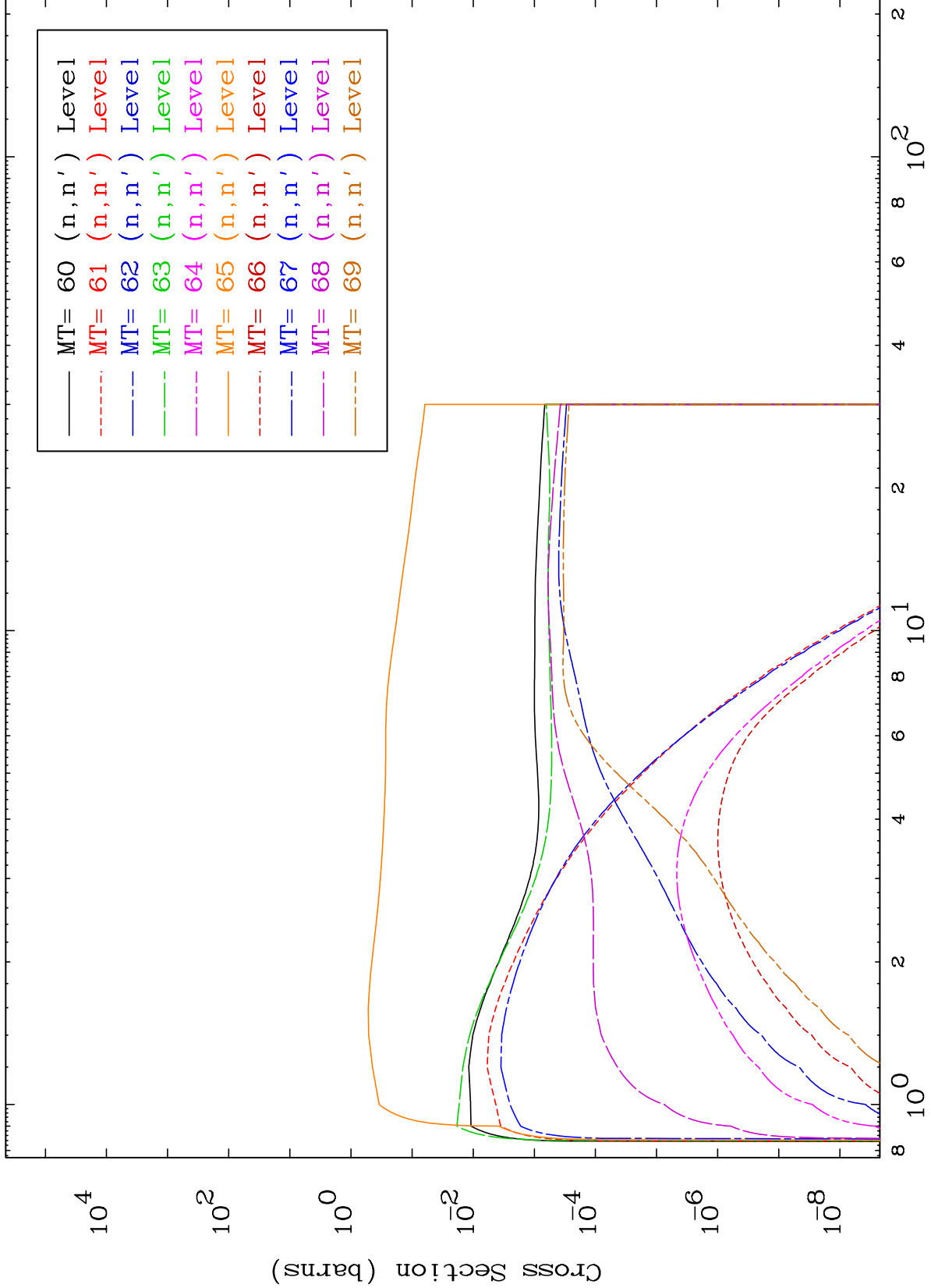


MAT 7092

(n,n') Level

71-Lu-164

293 Kelvin Cross Sections



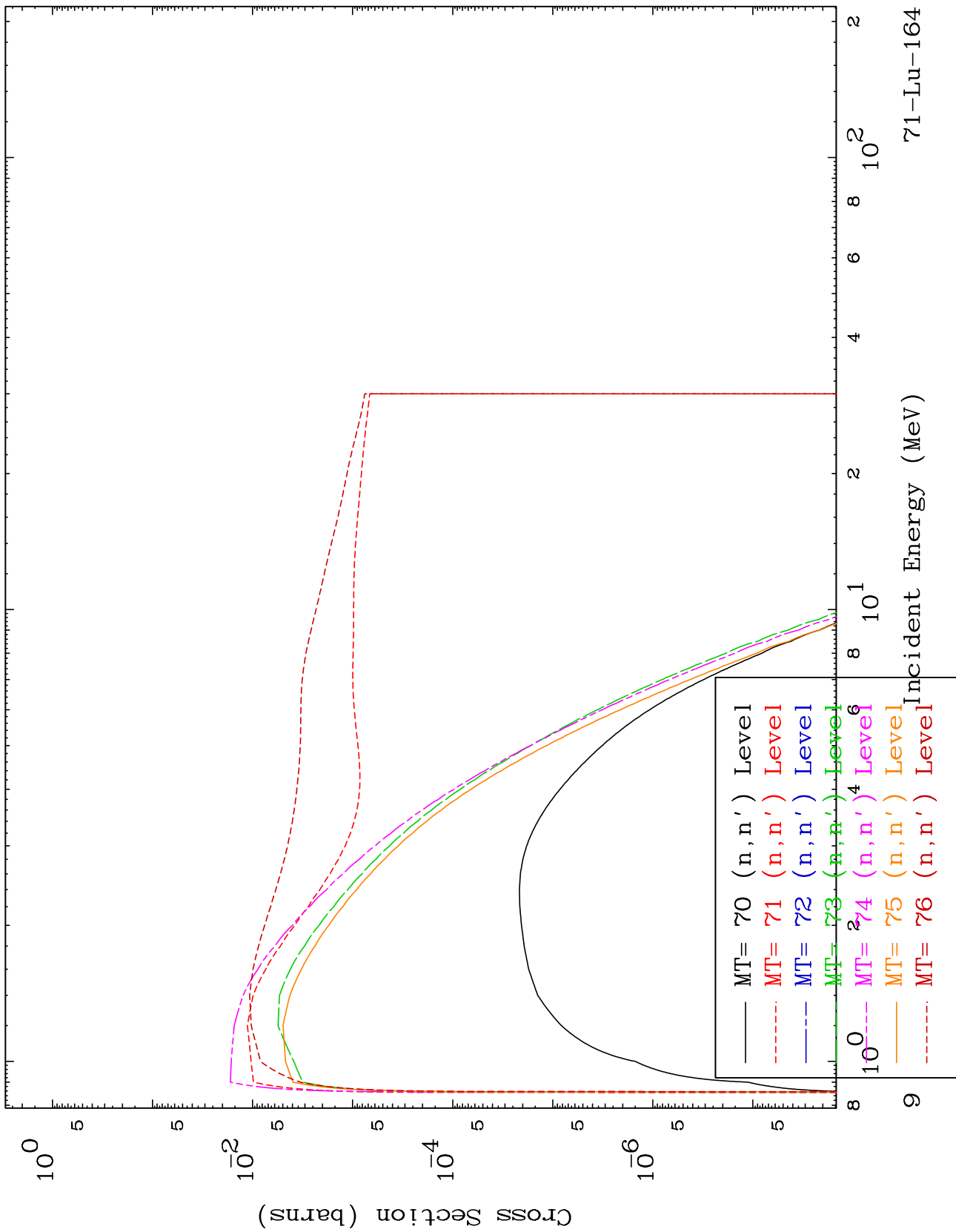
Incident Energy (MeV)

71-Lu-164

MAT 7092

(n,n') Level
293 Kelvin Cross Sections

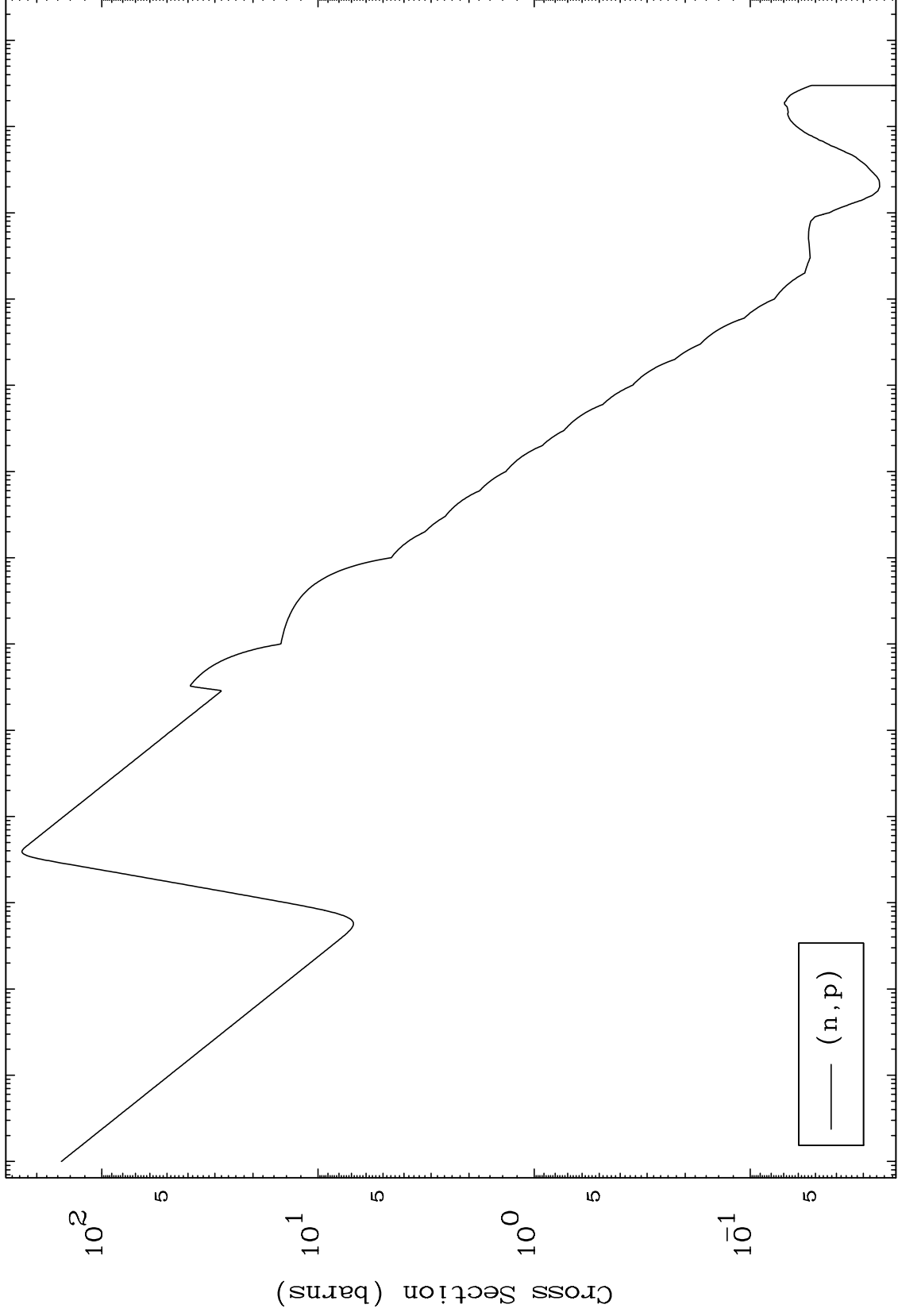
71-Lu-164



MAT 7092

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-164



10

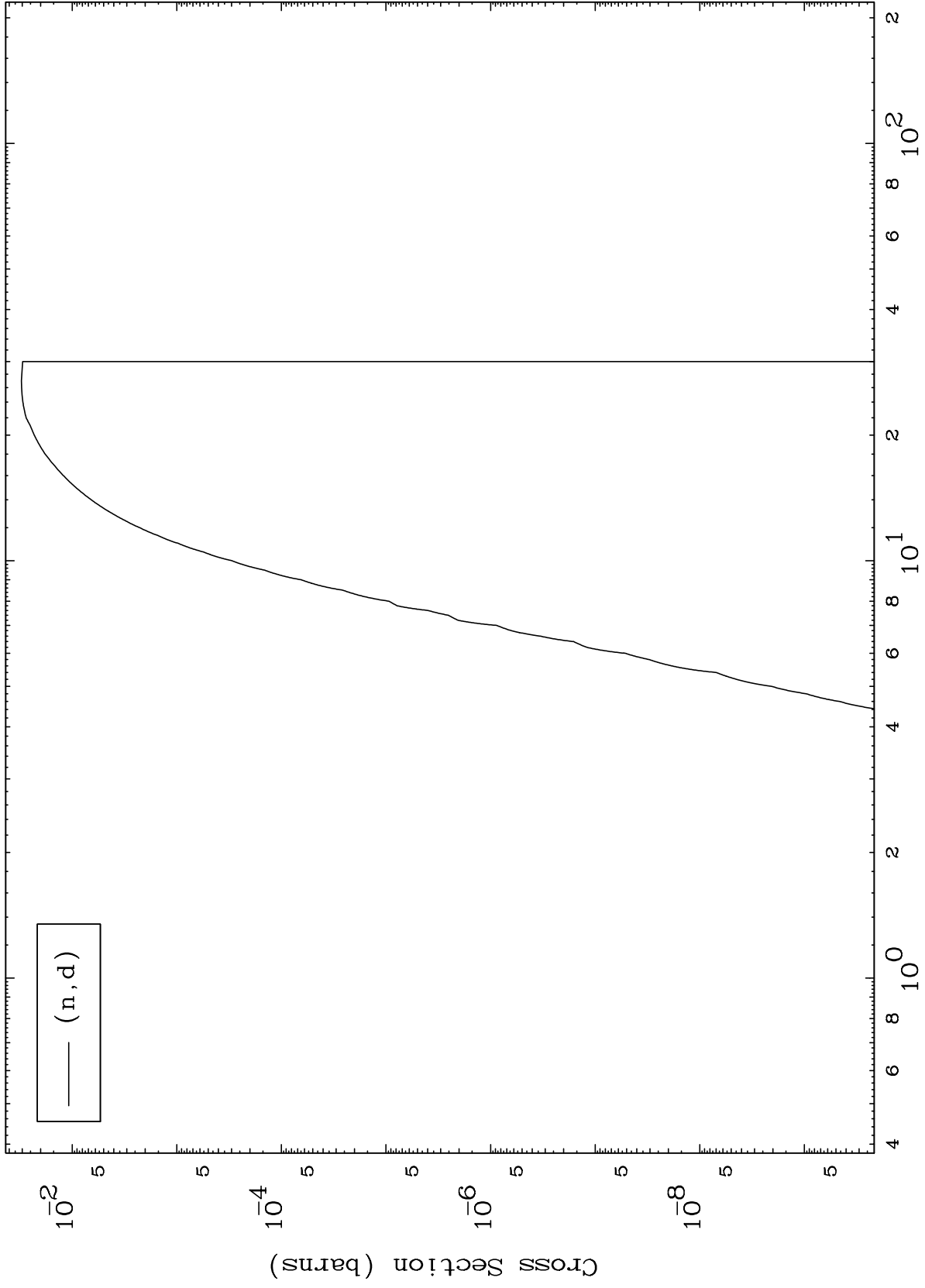
Incident Energy (MeV)

71-Lu-164

MAT 7092

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-164



11

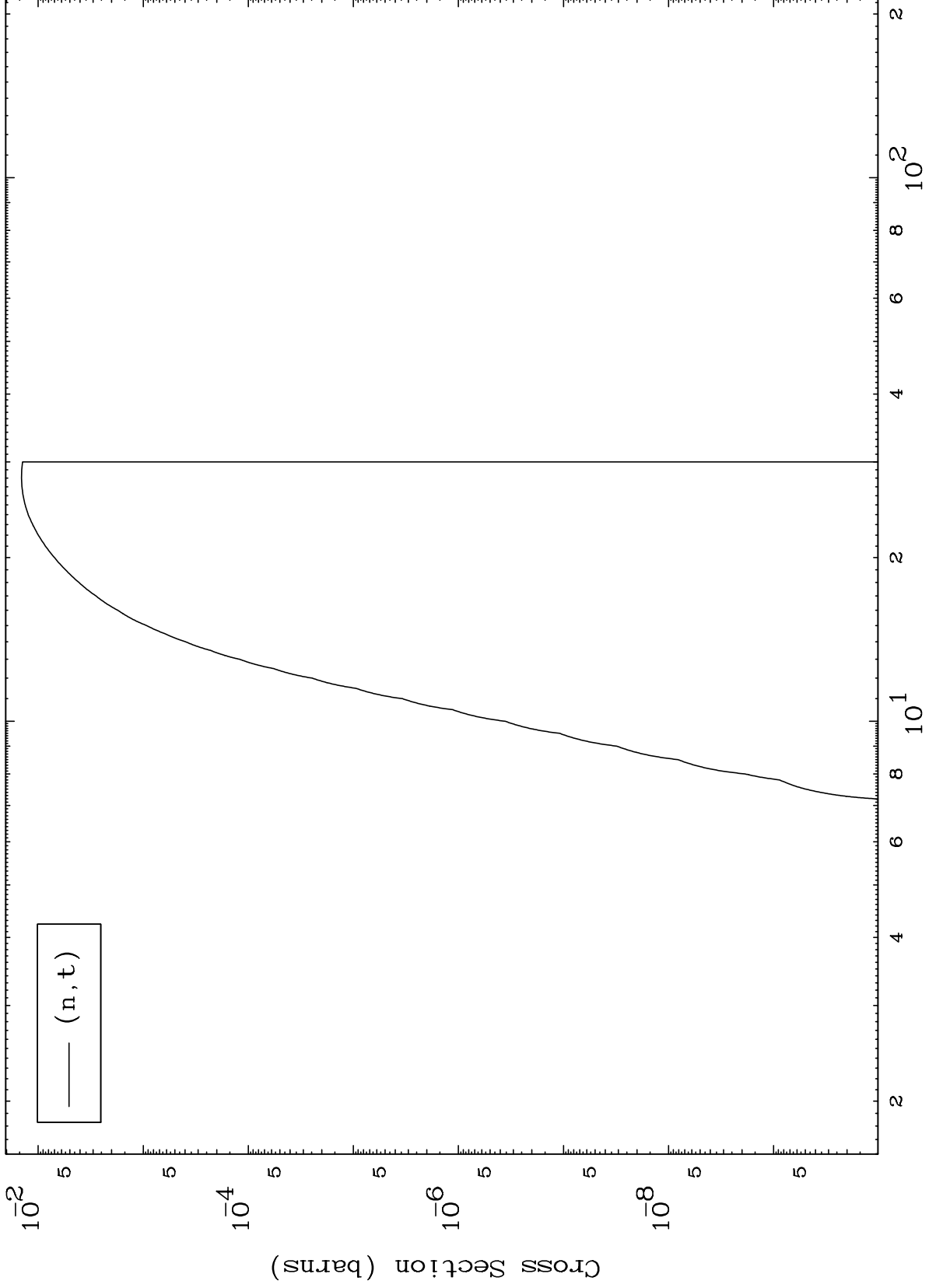
Incident Energy (MeV)

71-Lu-164

MAT 7092

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-164



12

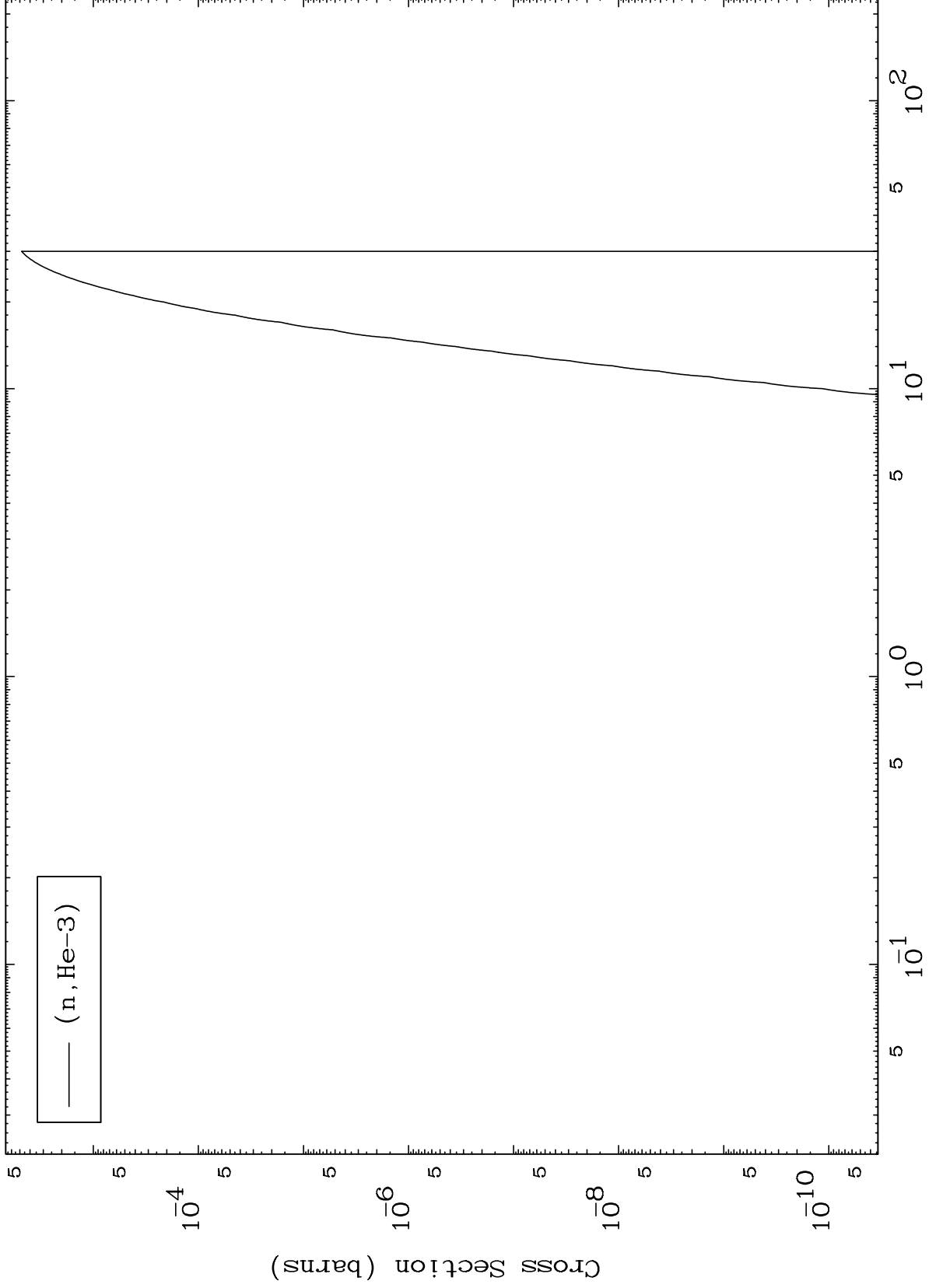
Incident Energy (MeV)

71-Lu-164

MAT 7092

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-164



13

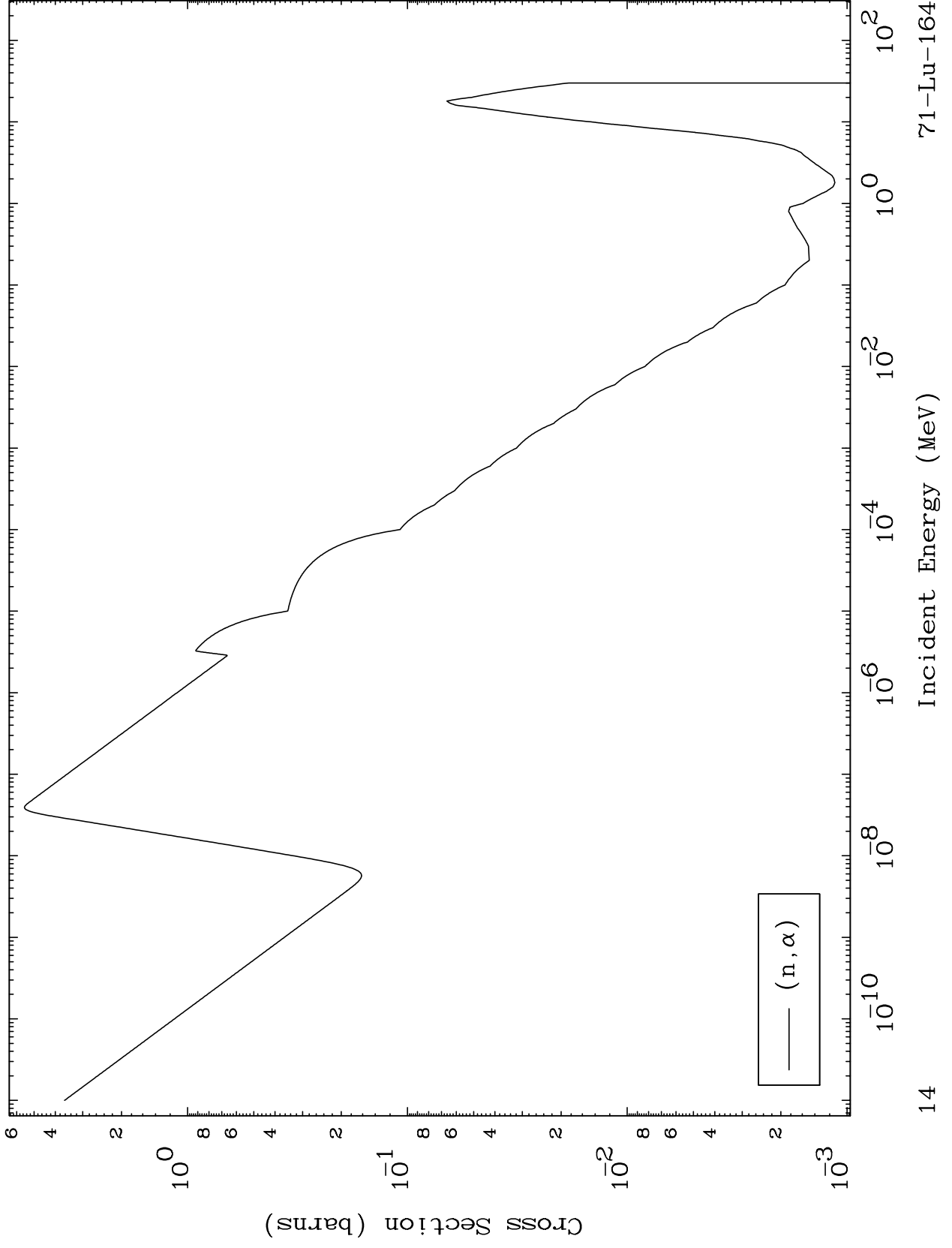
71-Lu-164

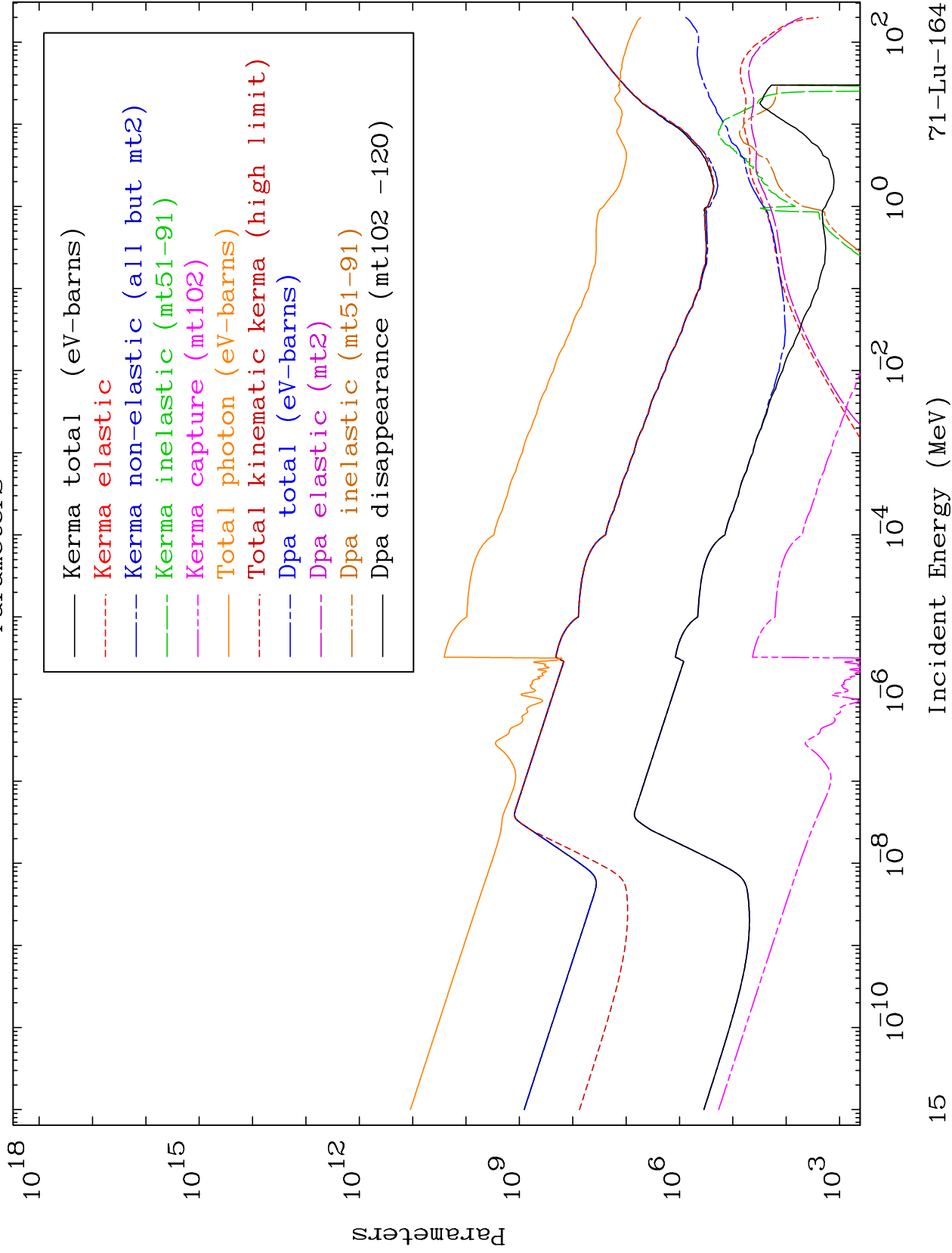
Incident Energy (MeV)

MAT 7092

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-164

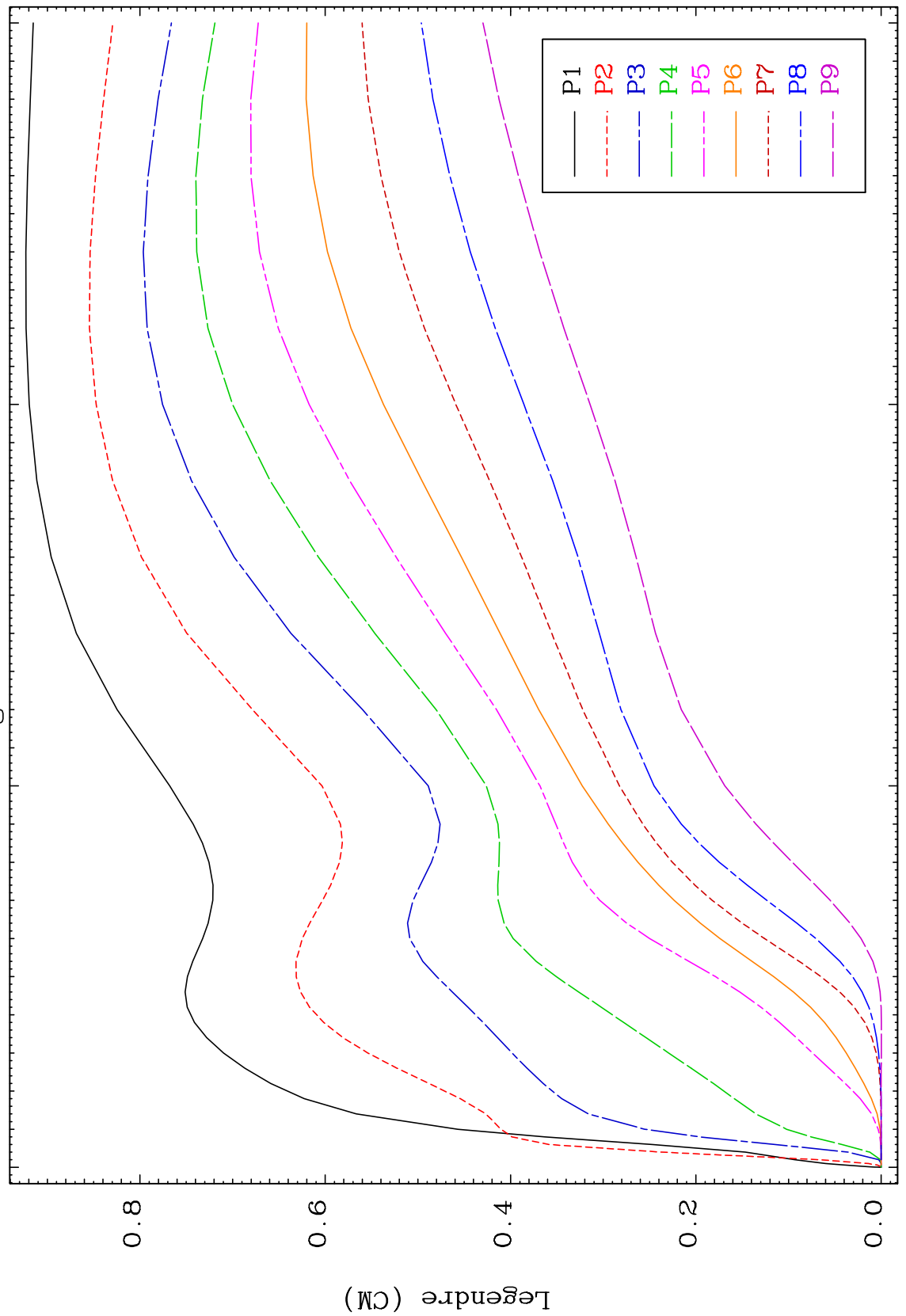




MAT 7092

71-Lu-164

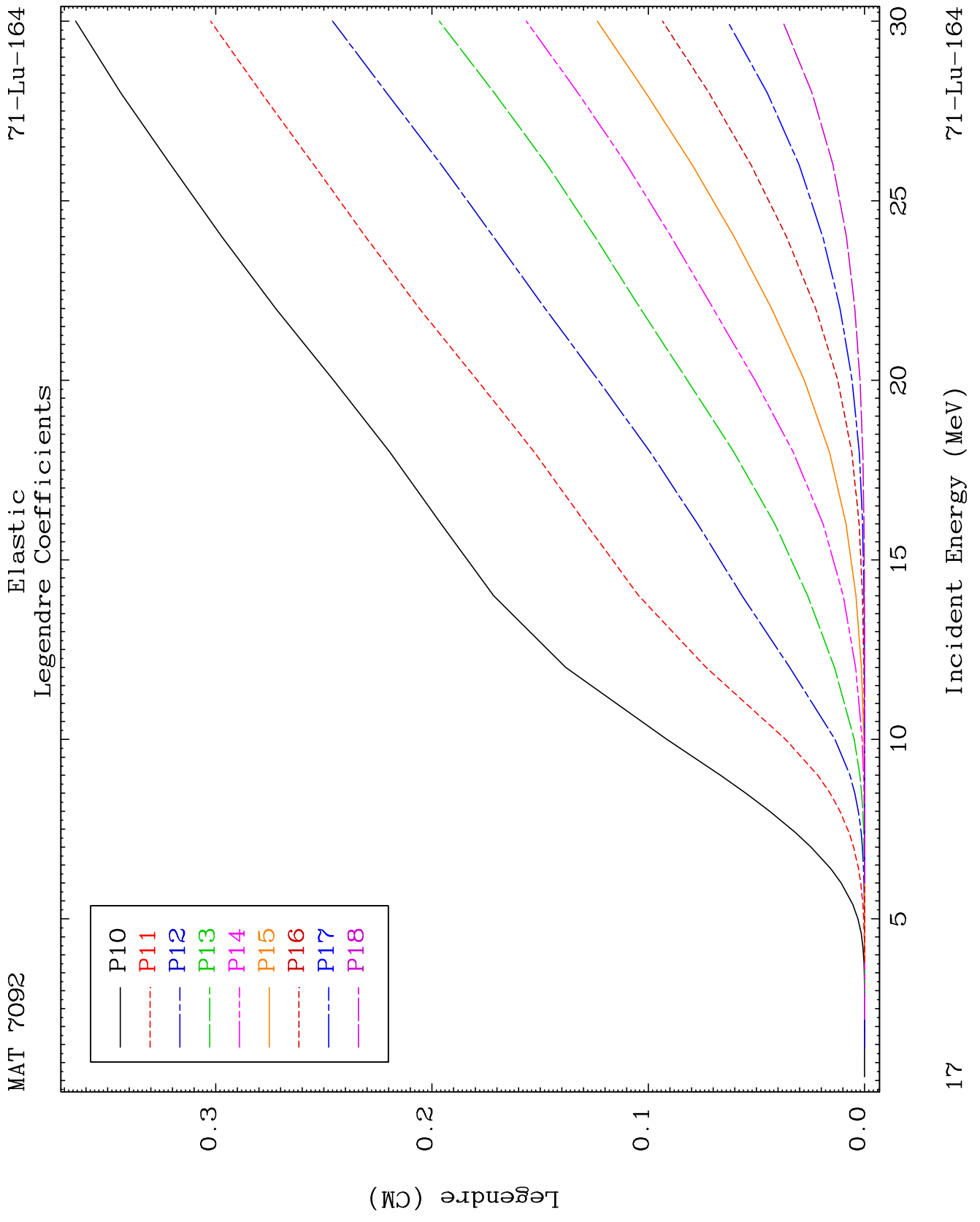
Elastic Legendre Coefficients



71-Lu-164

Incident Energy (MeV)

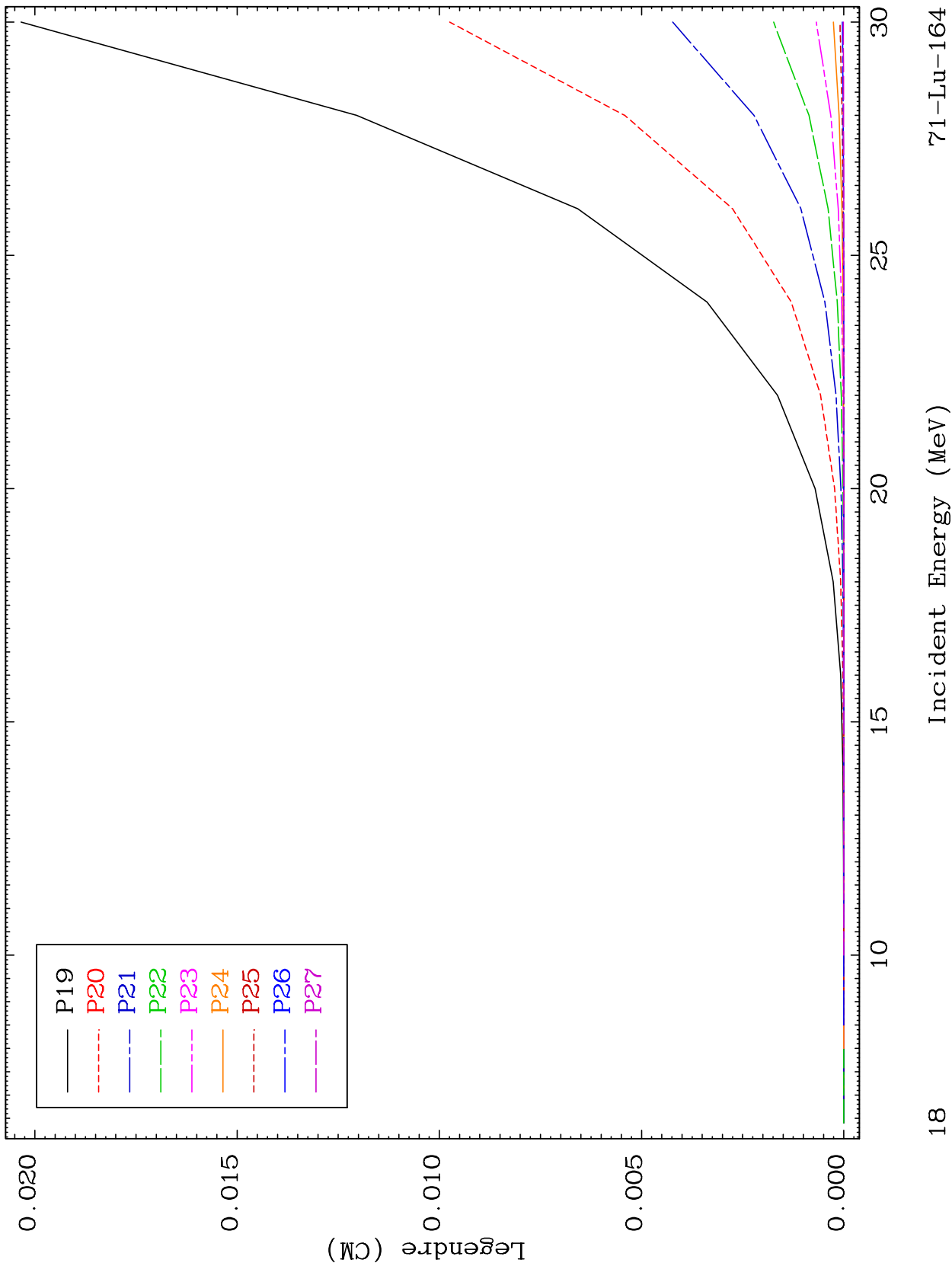
16



MAT 7092

Elastic Legendre Coefficients

71-Lu-164



18

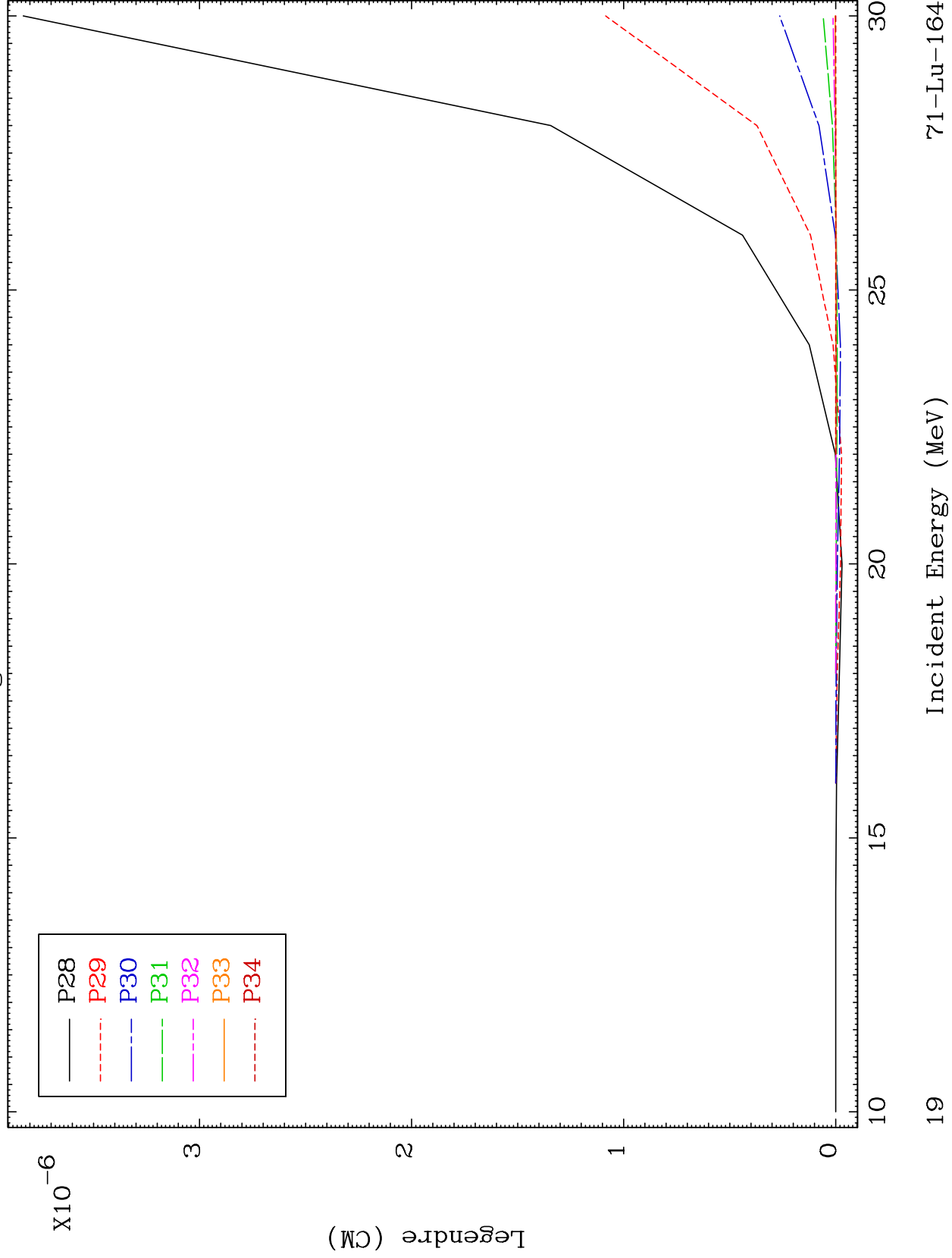
Incident Energy (MeV)

71-Lu-164

MAT 7092

Elastic
Legendre Coefficients

71-Lu-164



19

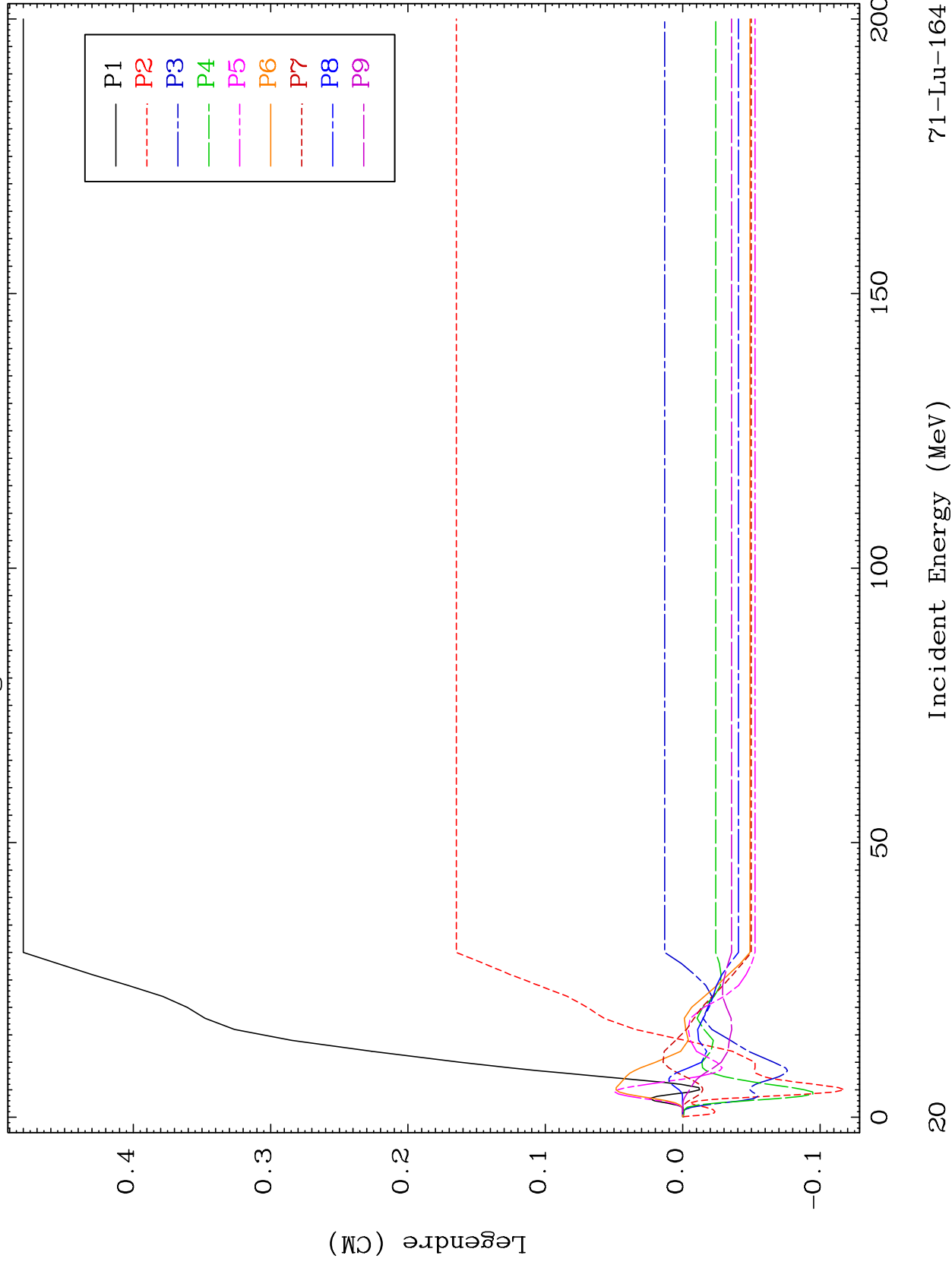
Incident Energy (MeV)

71-Lu-164

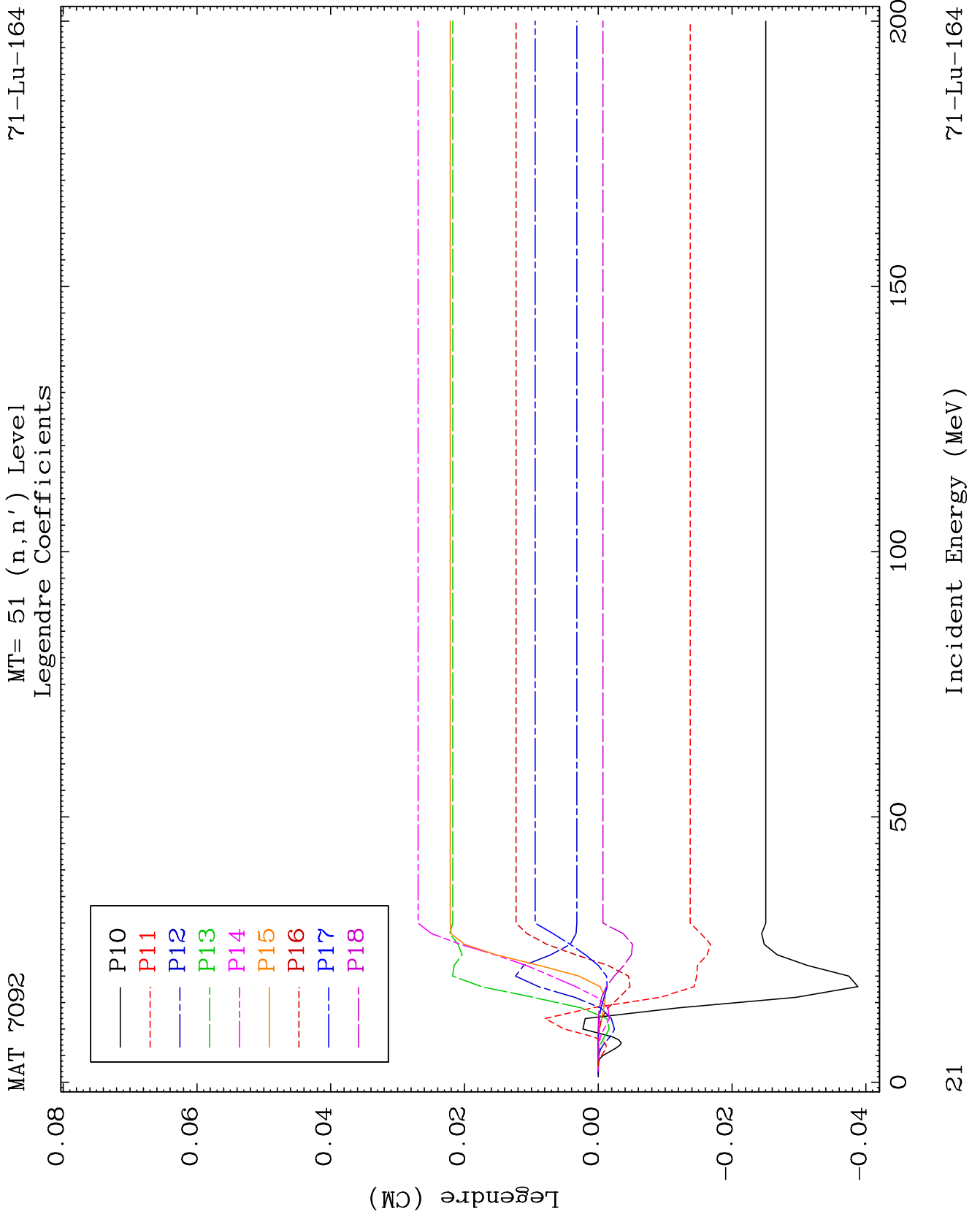
MAT 7092

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

71-Lu-164



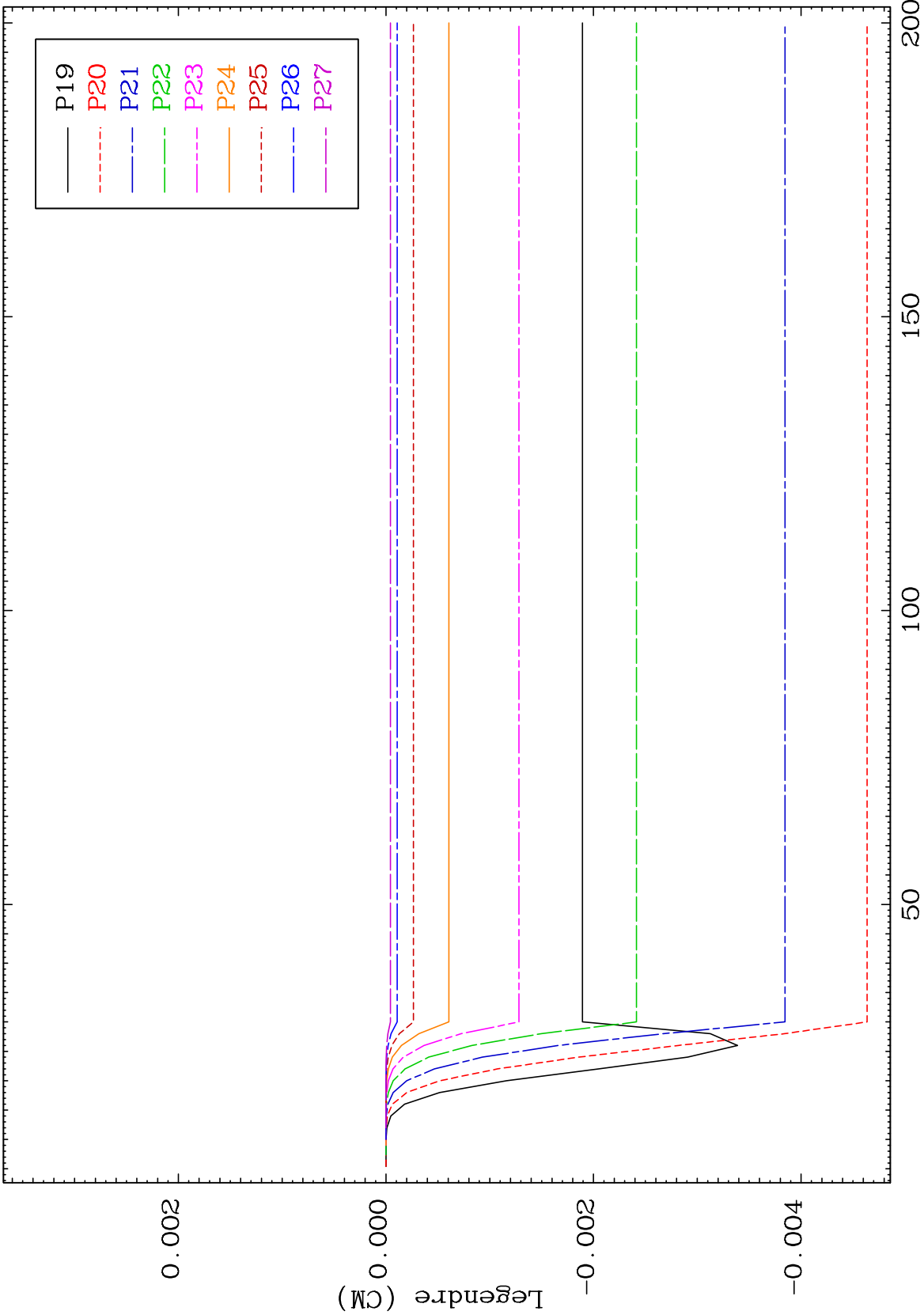
71-Lu-164



MAT 7092

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

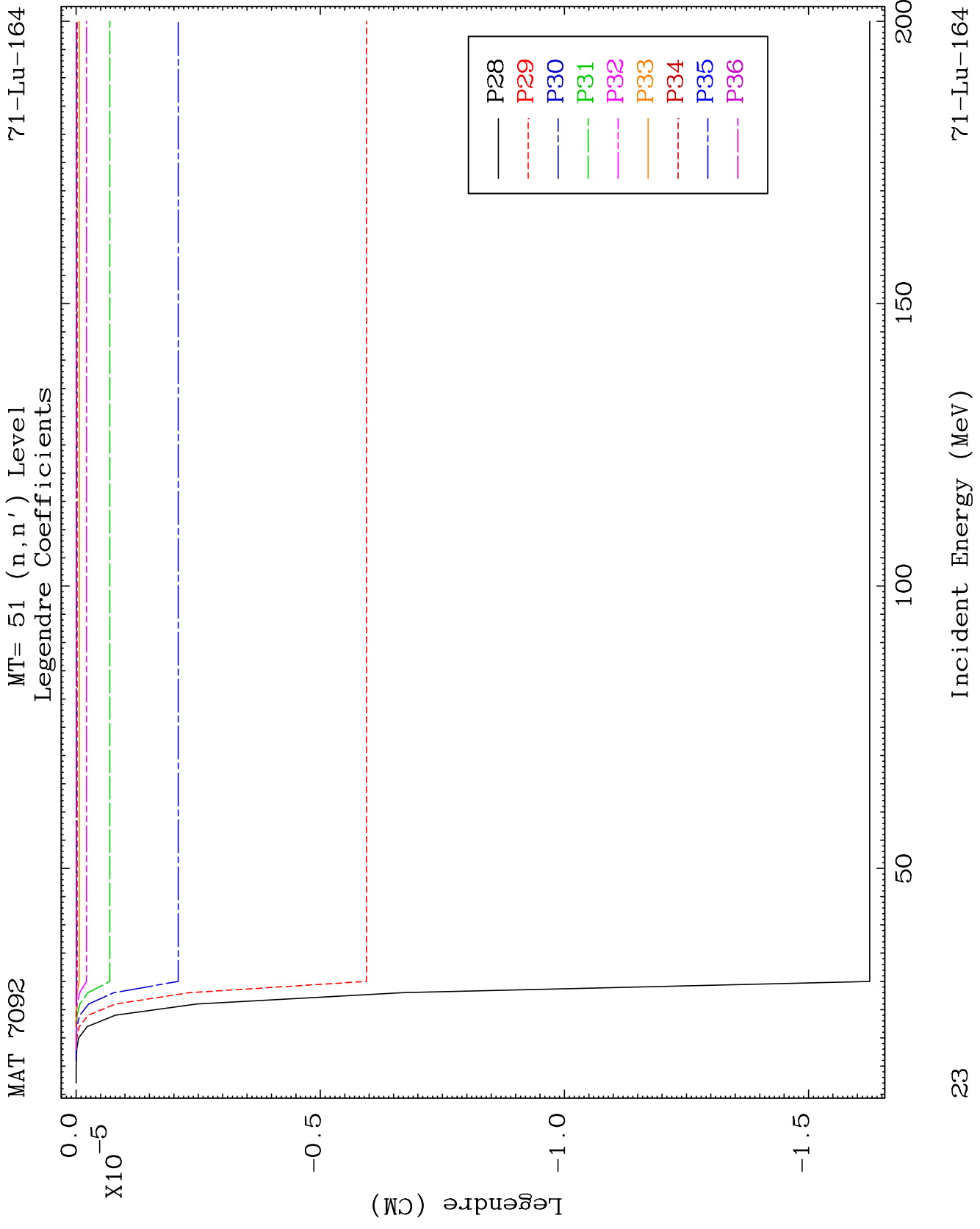
71-Lu-164

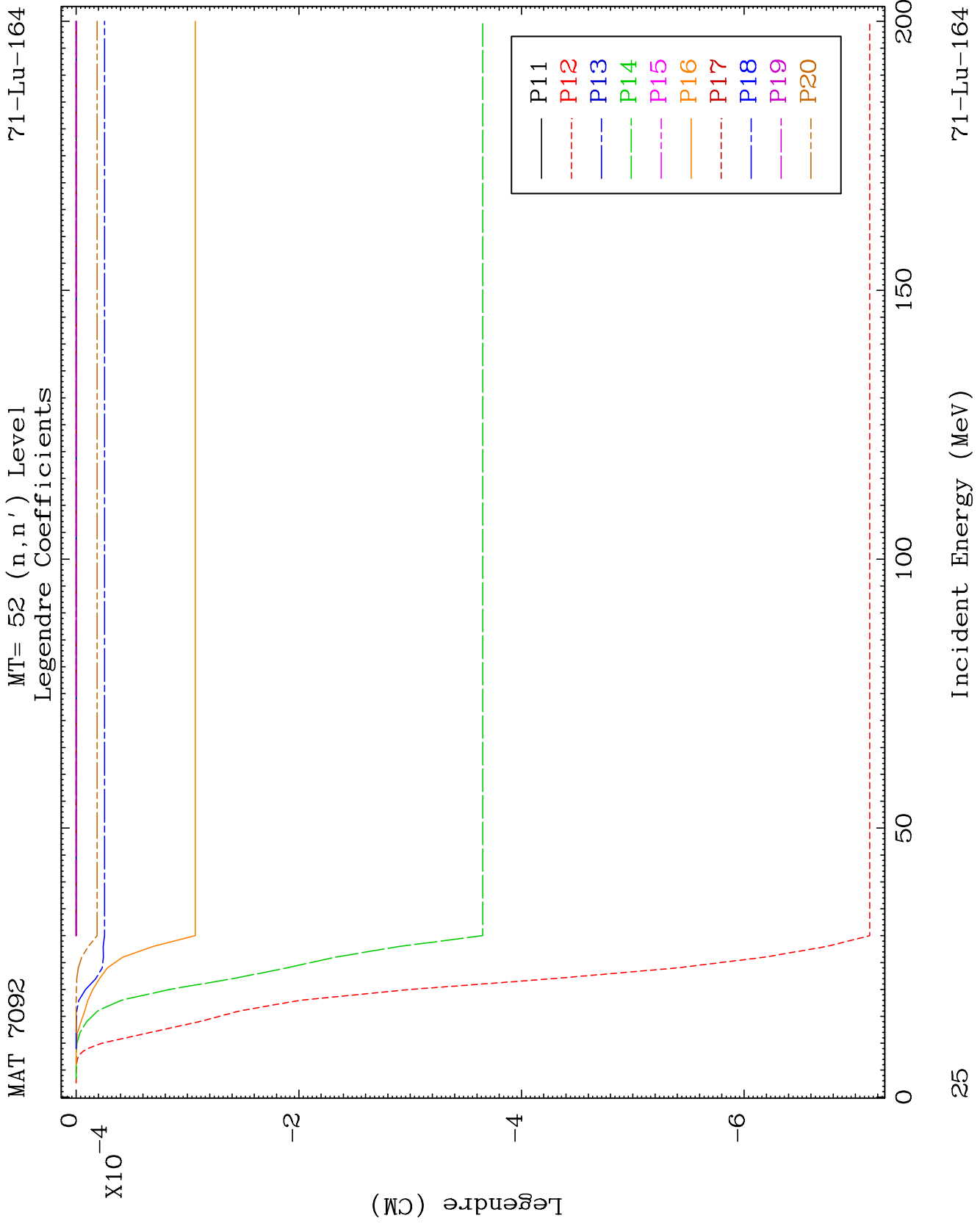


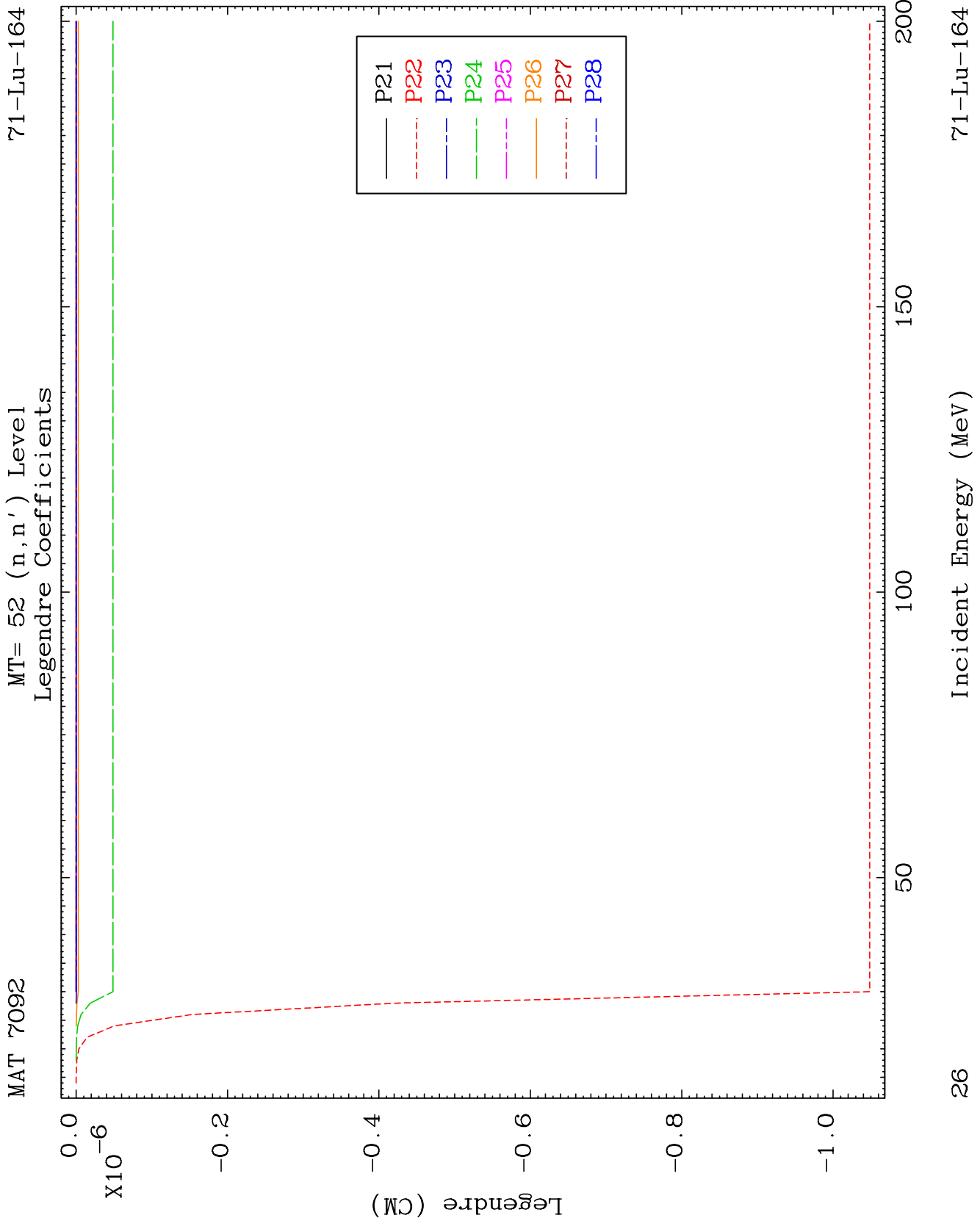
22

Incident Energy (MeV)

71-Lu-164



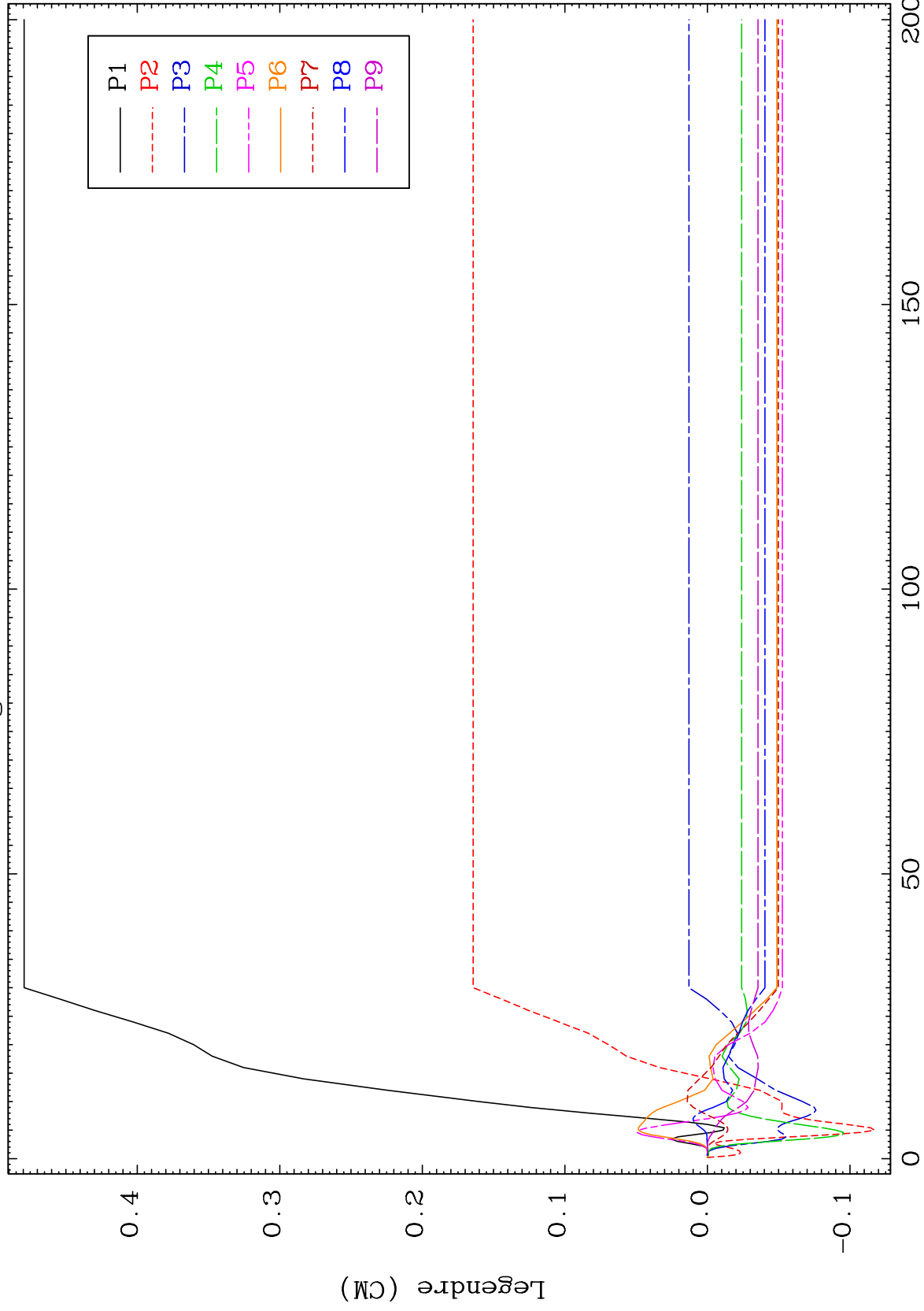




MAT 7092

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

71-Lu-164



27

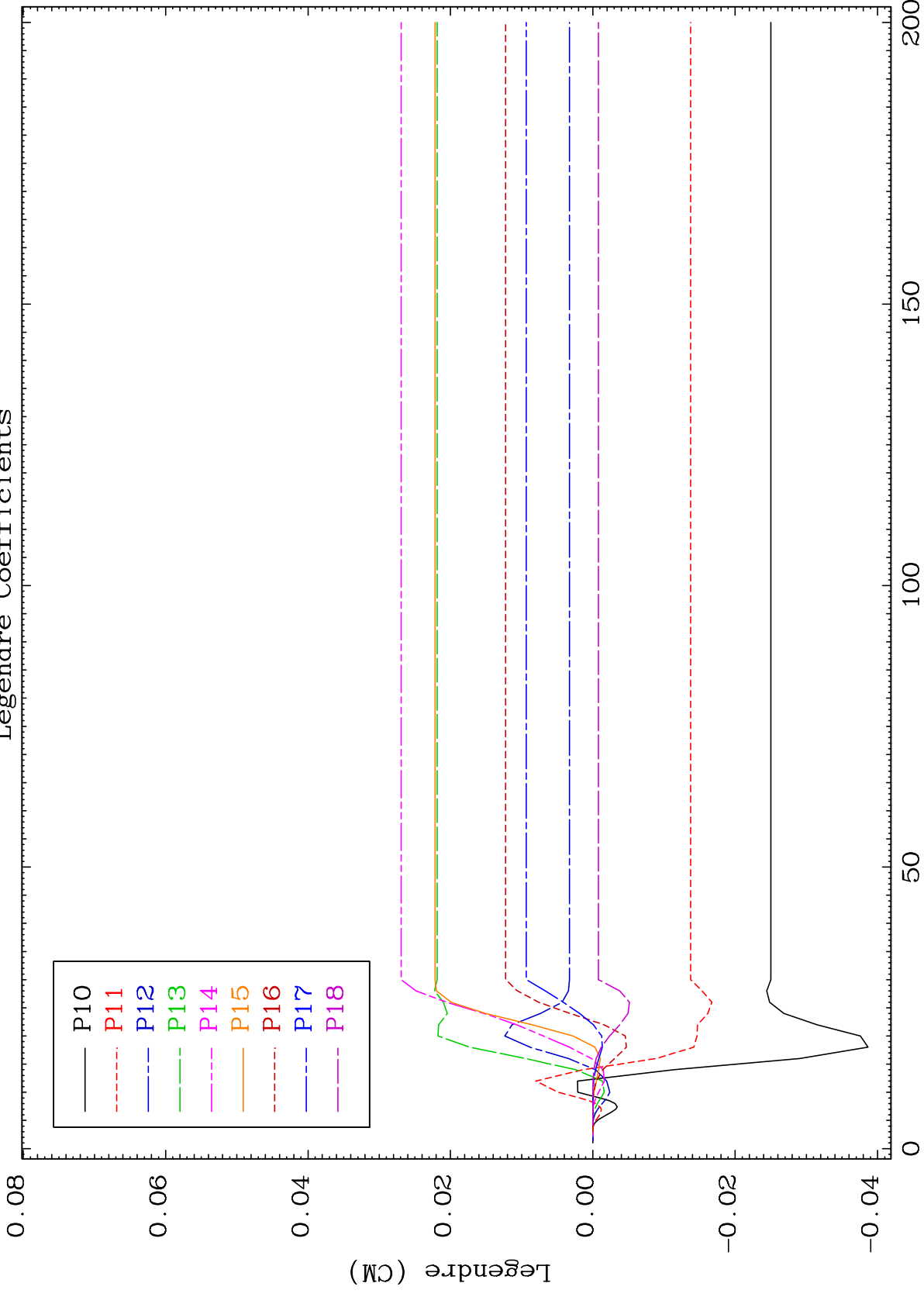
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

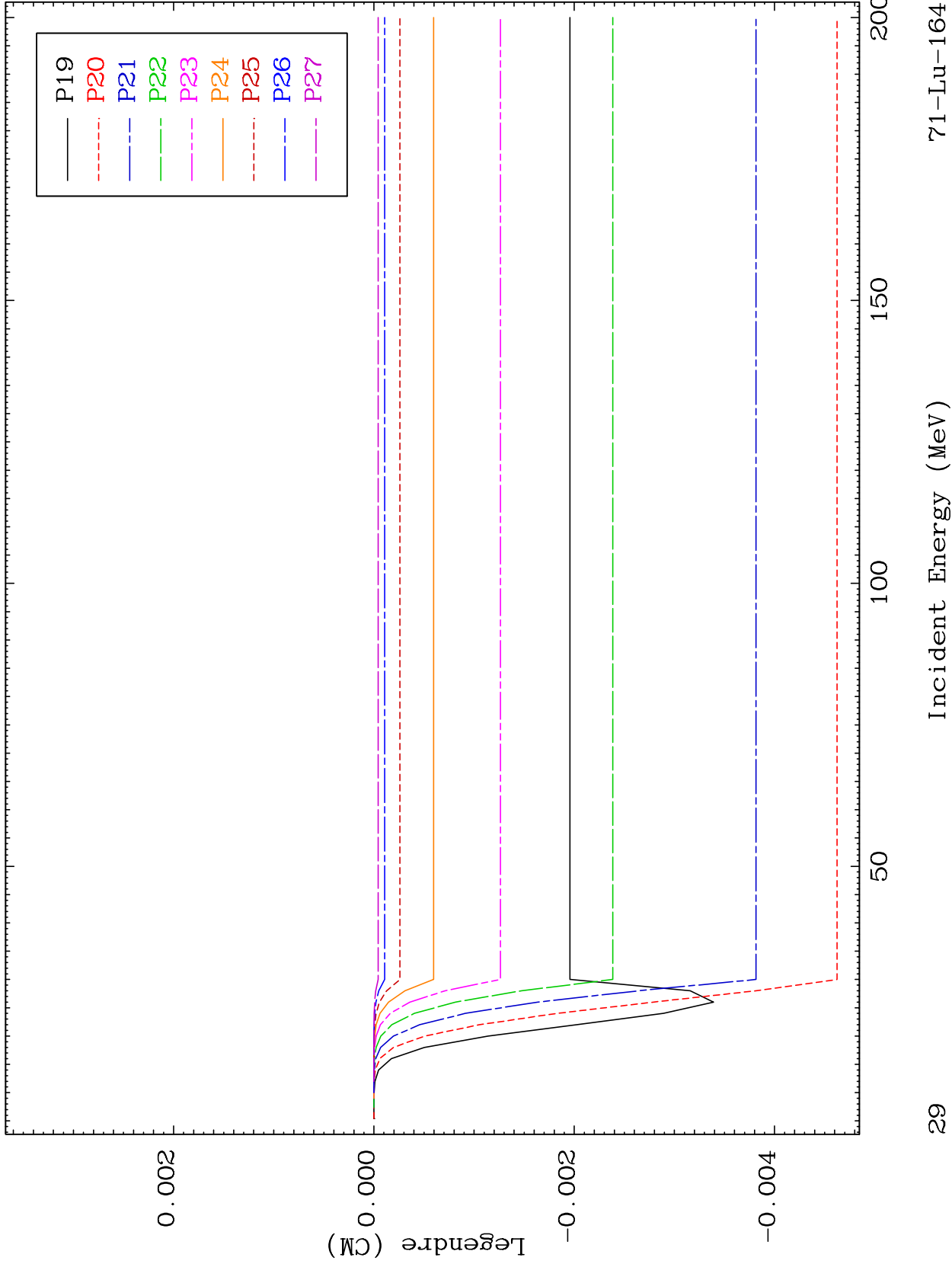
71-Lu-164

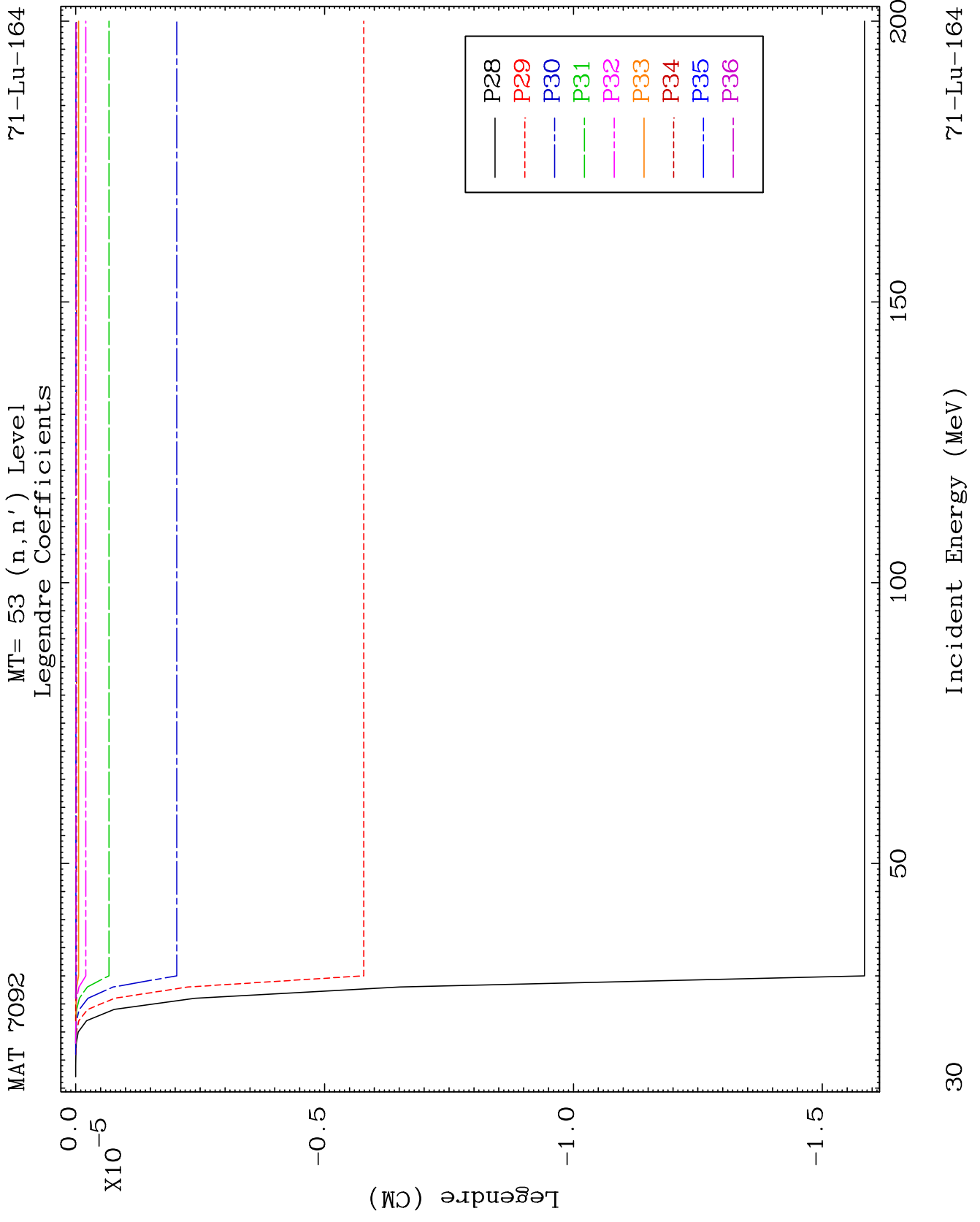


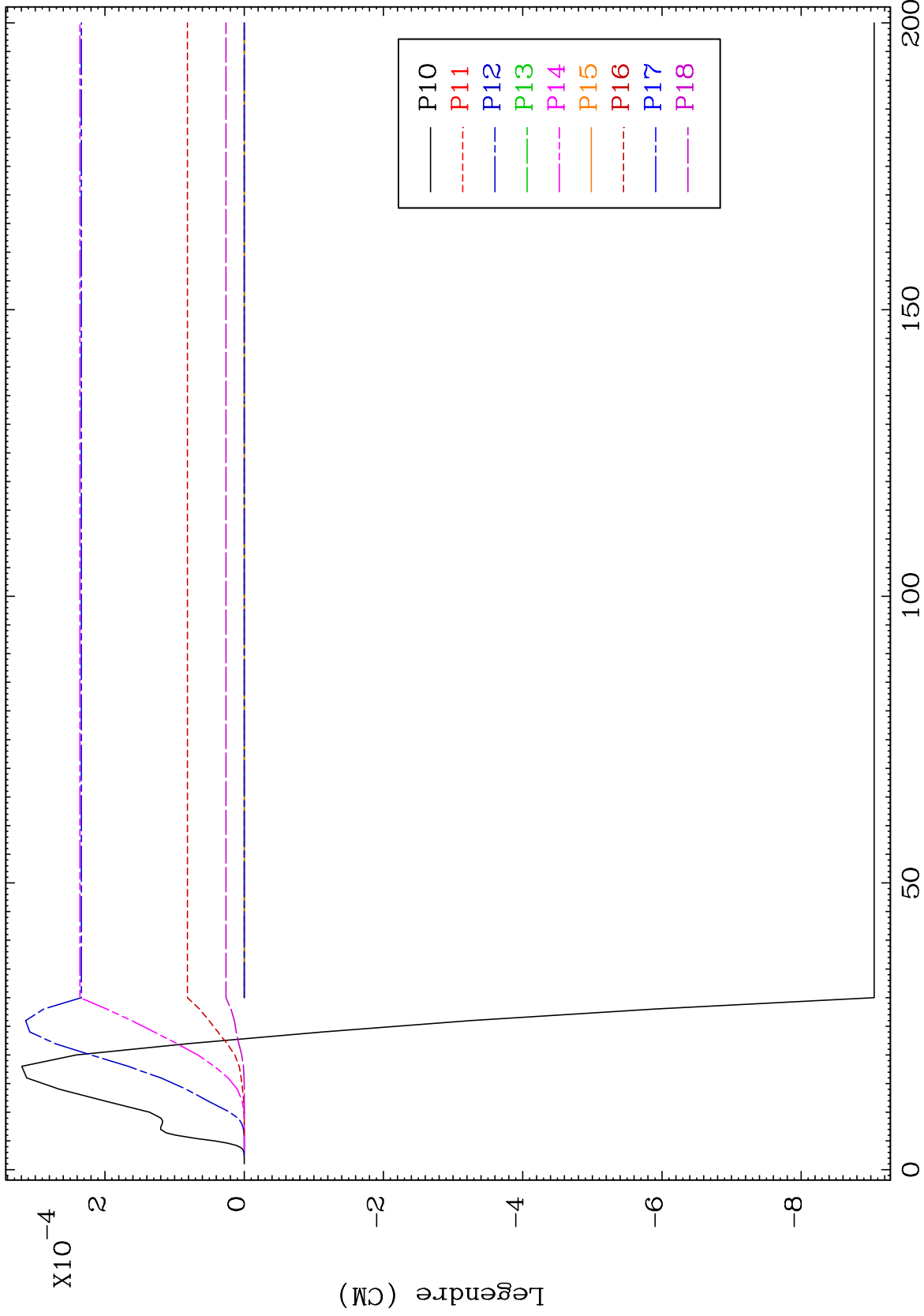
28

Incident Energy (MeV)

71-Lu-164





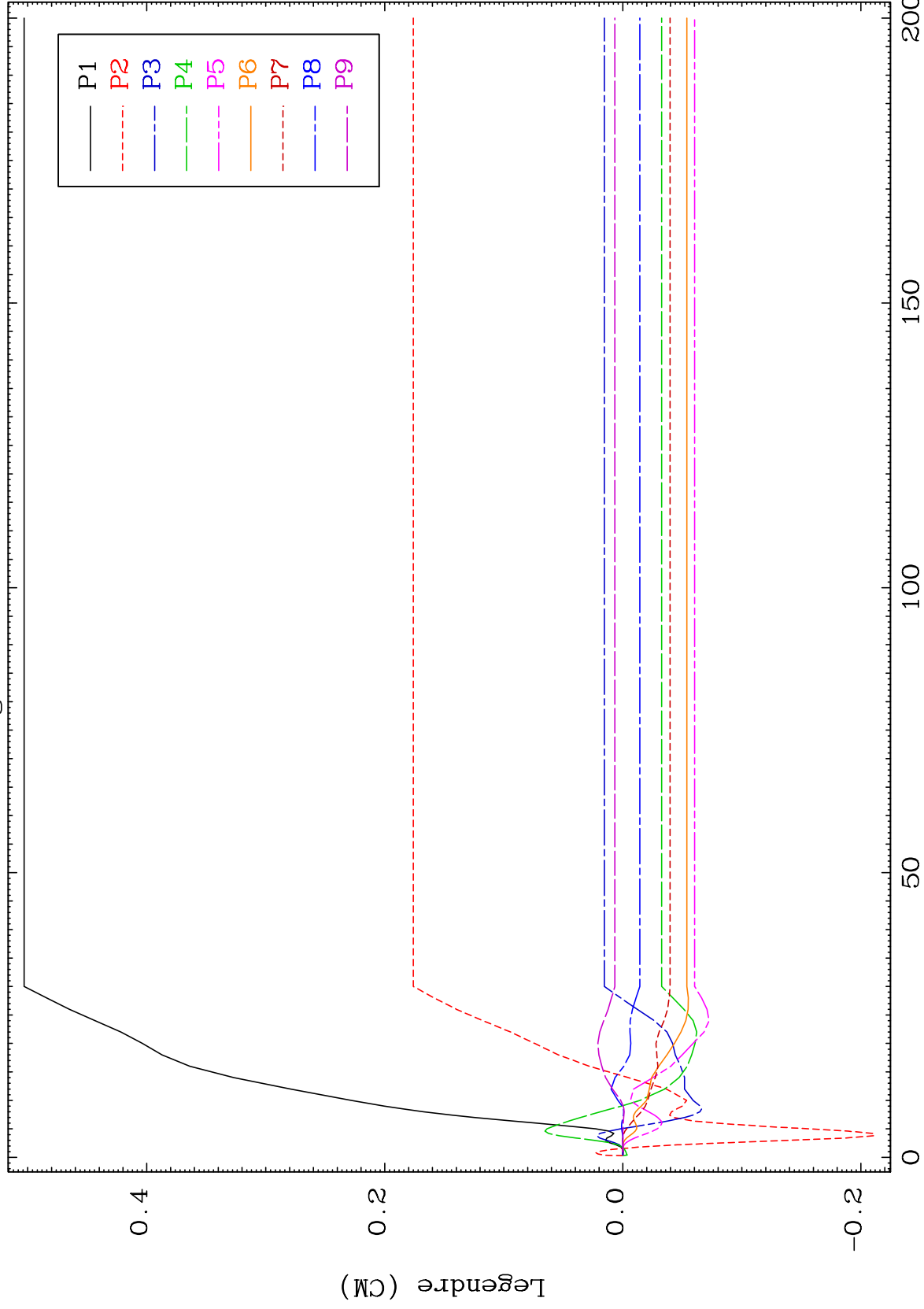


MAT 7092

MT= 55 (n,n') Level

71-Lu-164

Legendre Coefficients



34

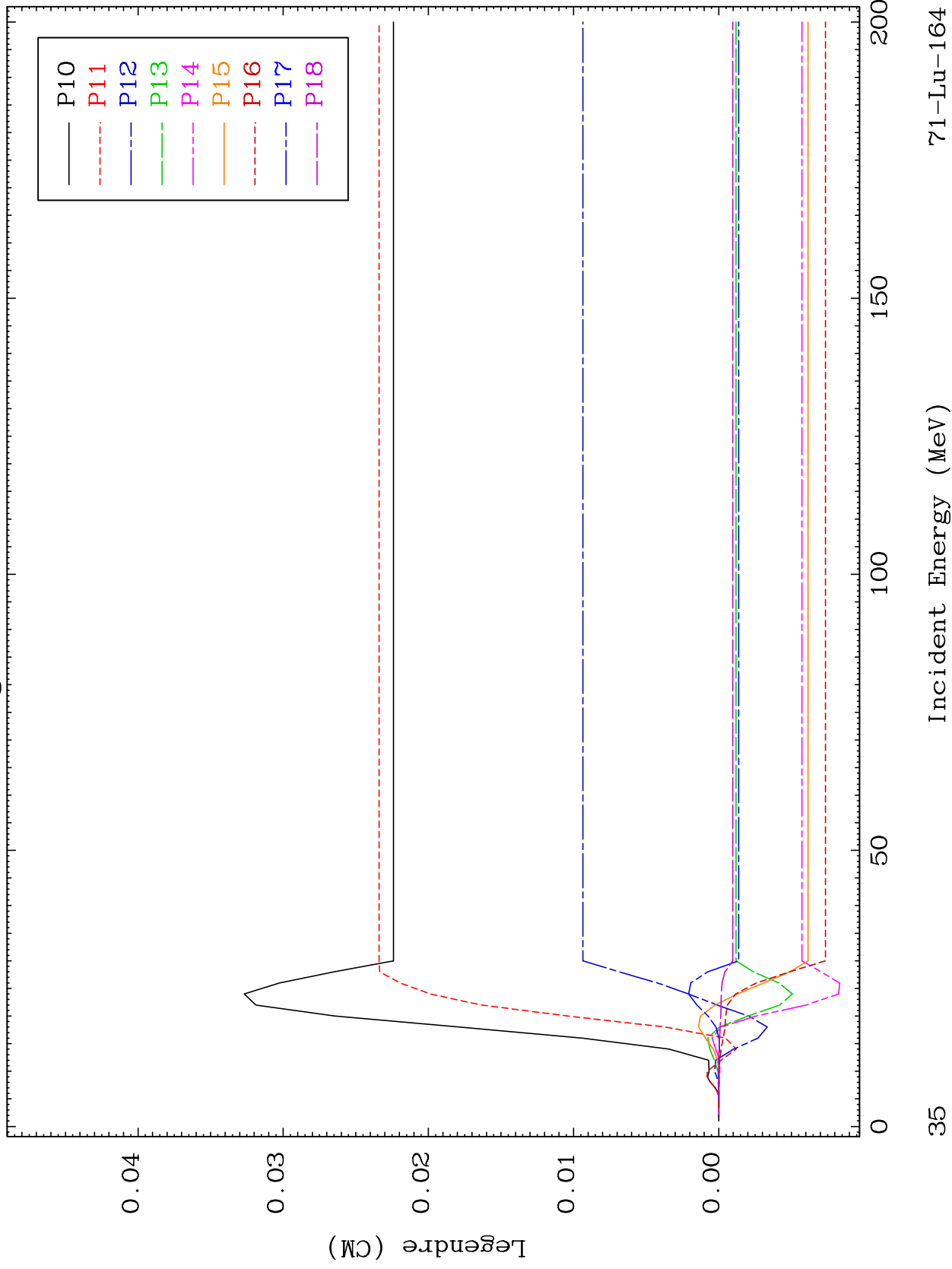
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

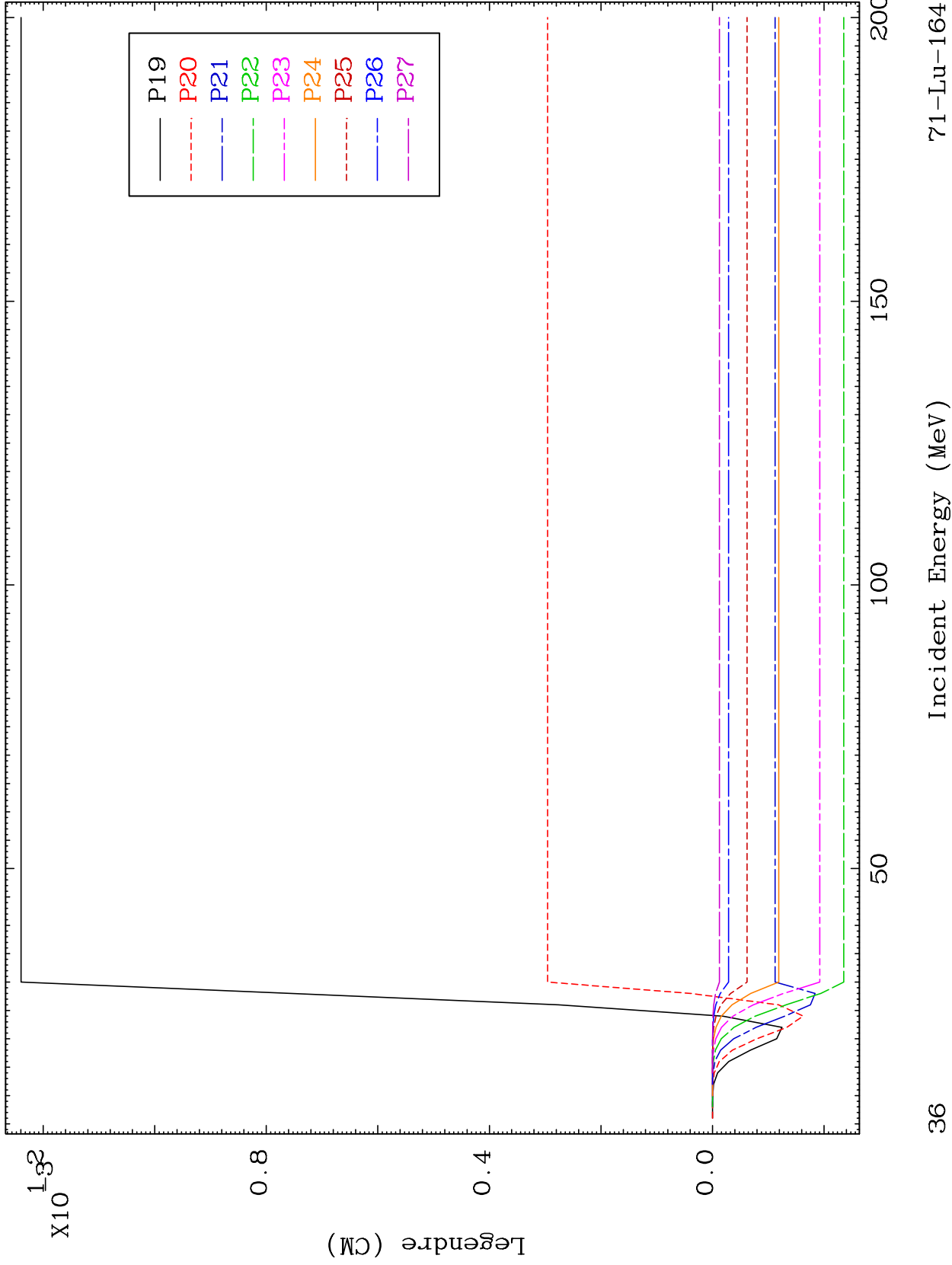
71-Lu-164

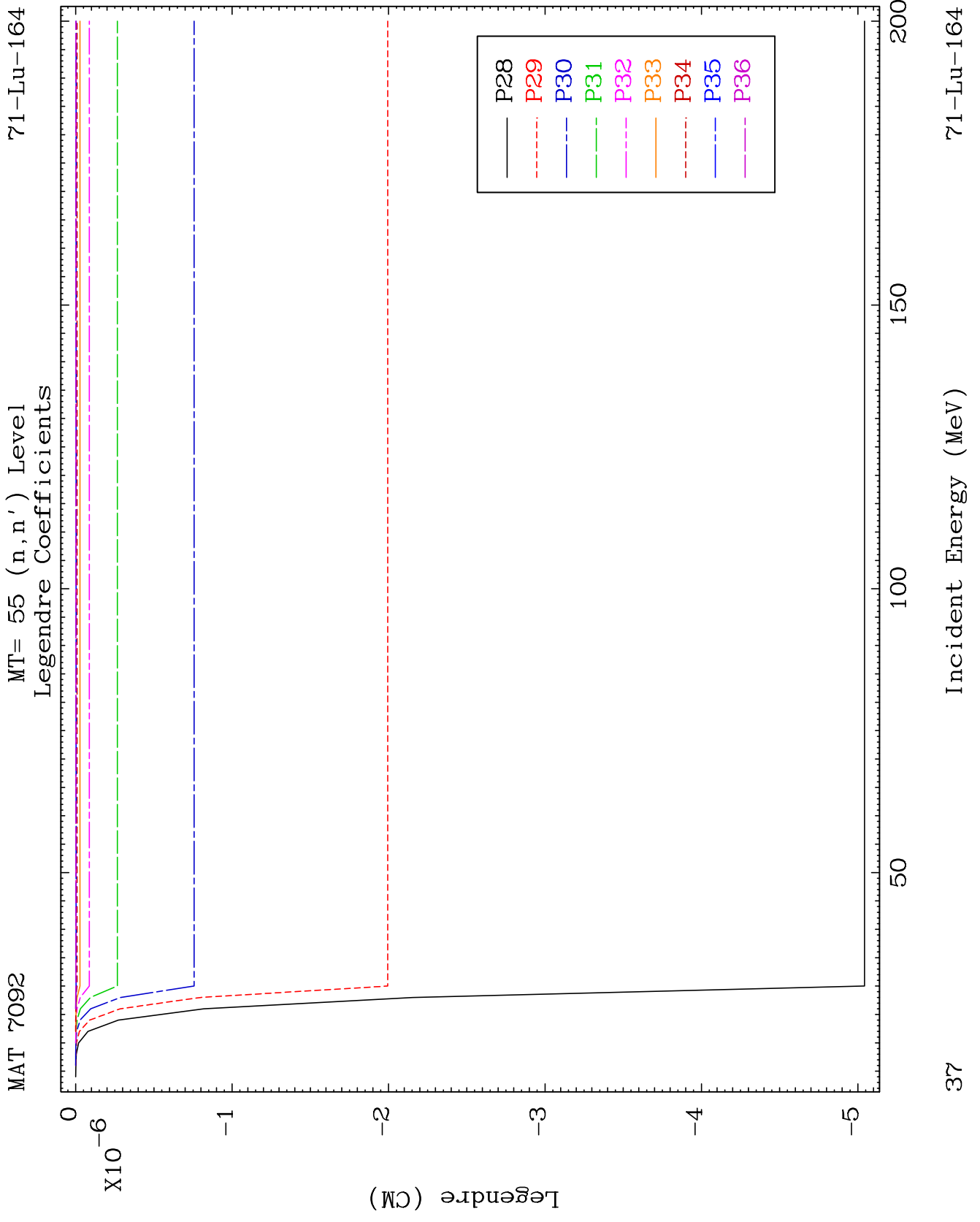


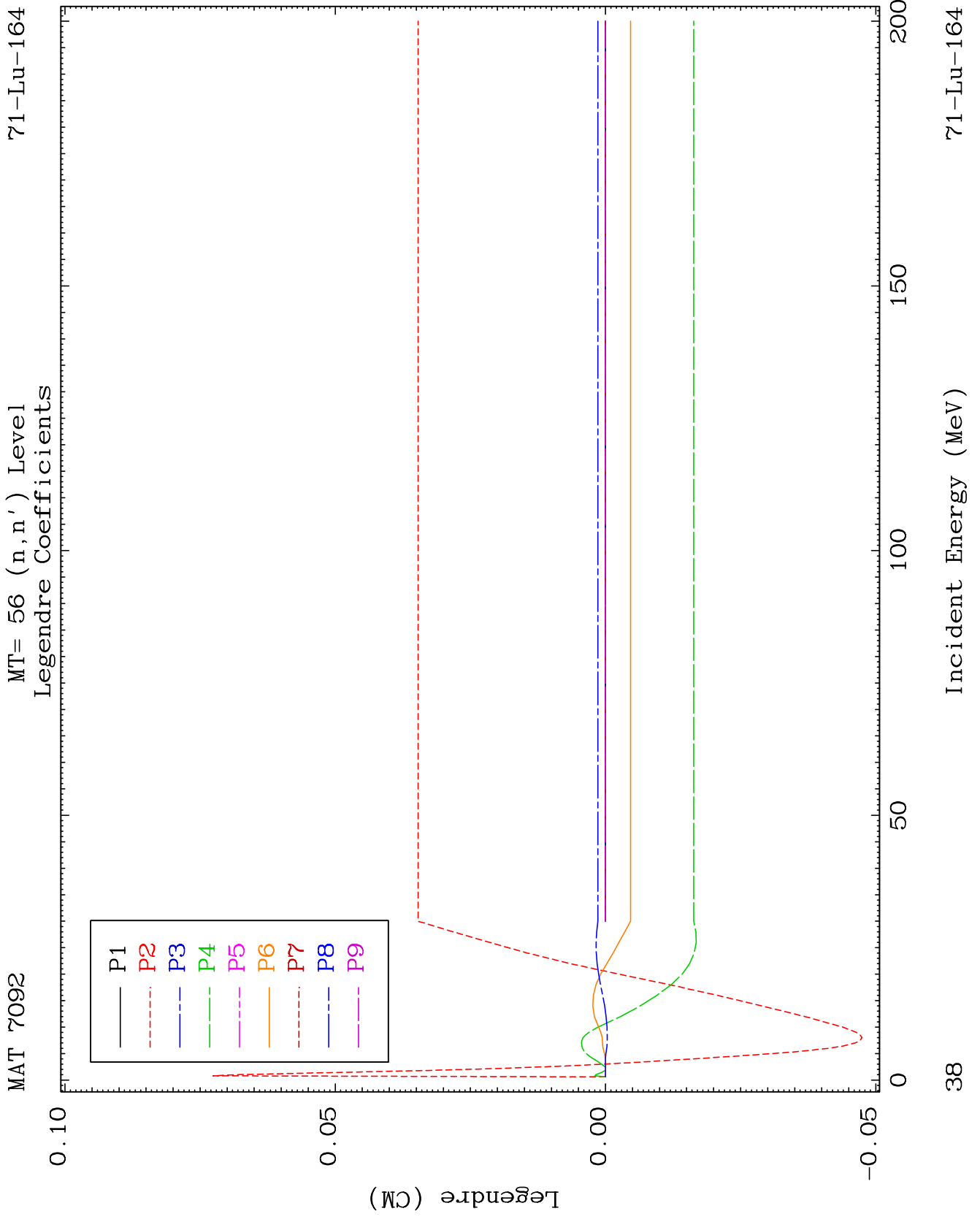
71-Lu-164

Incident Energy (MeV)

35







71-Lu-164

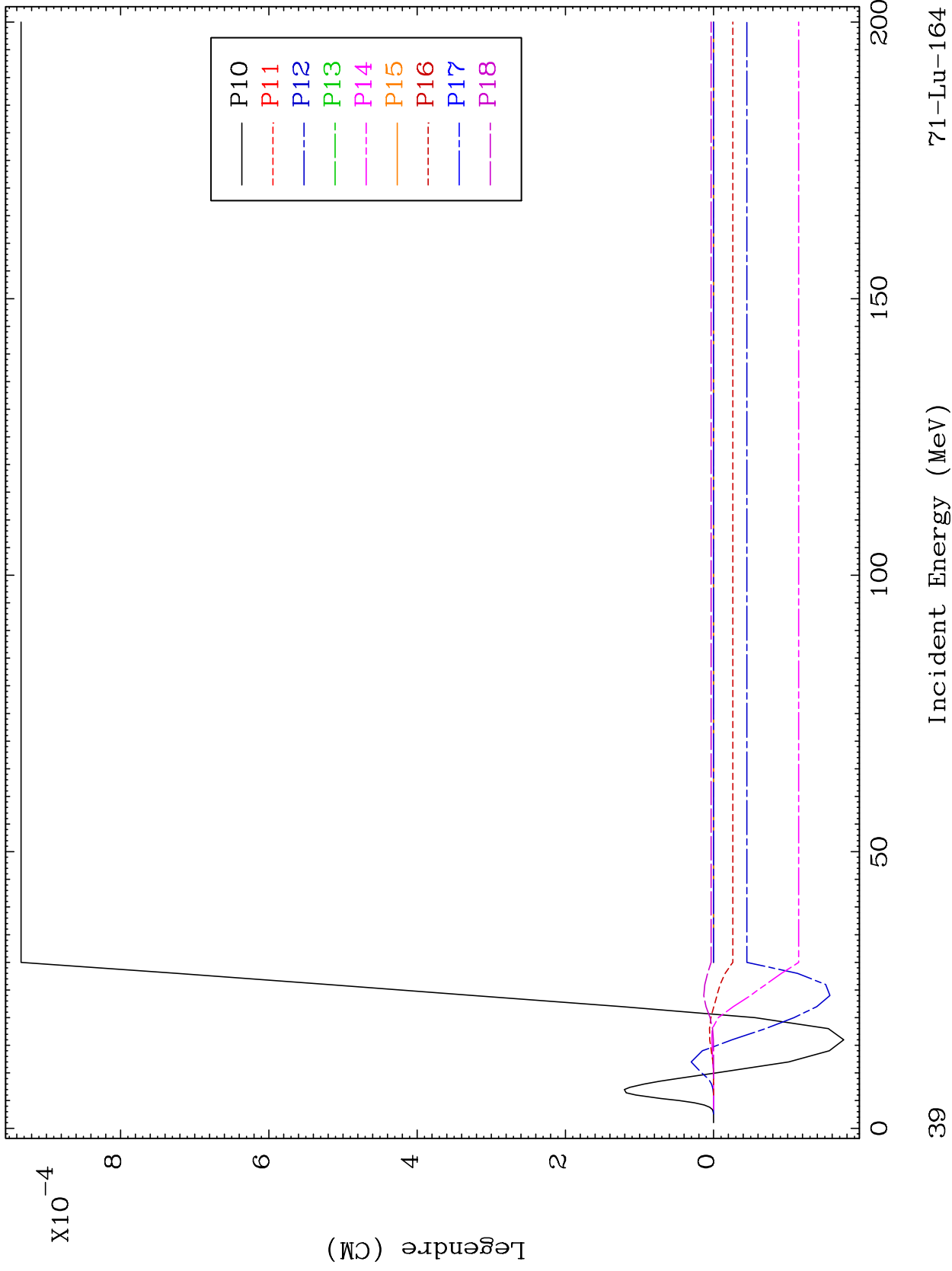
Incident Energy (MeV)

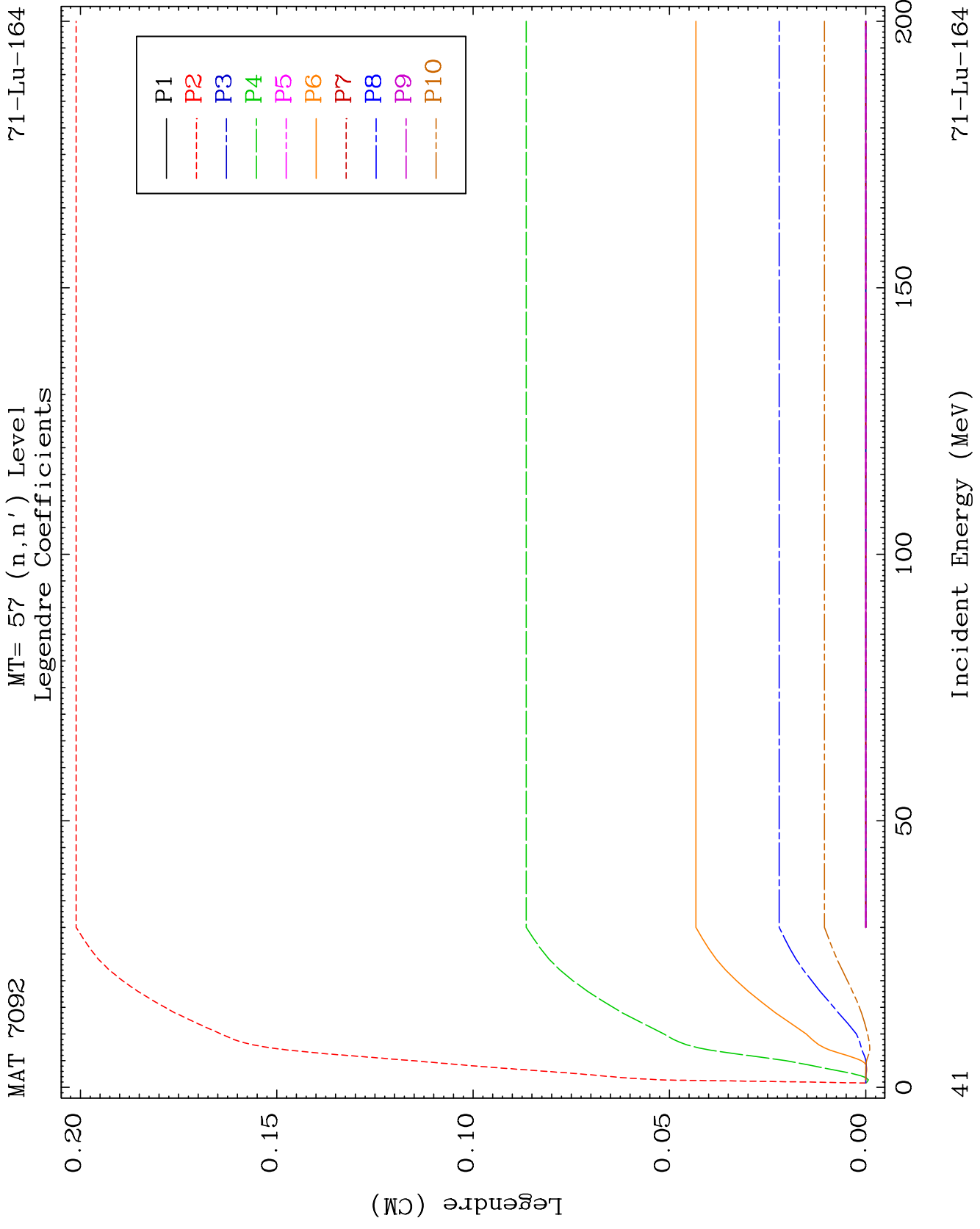
38

MAT 7092

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

71-Lu-164

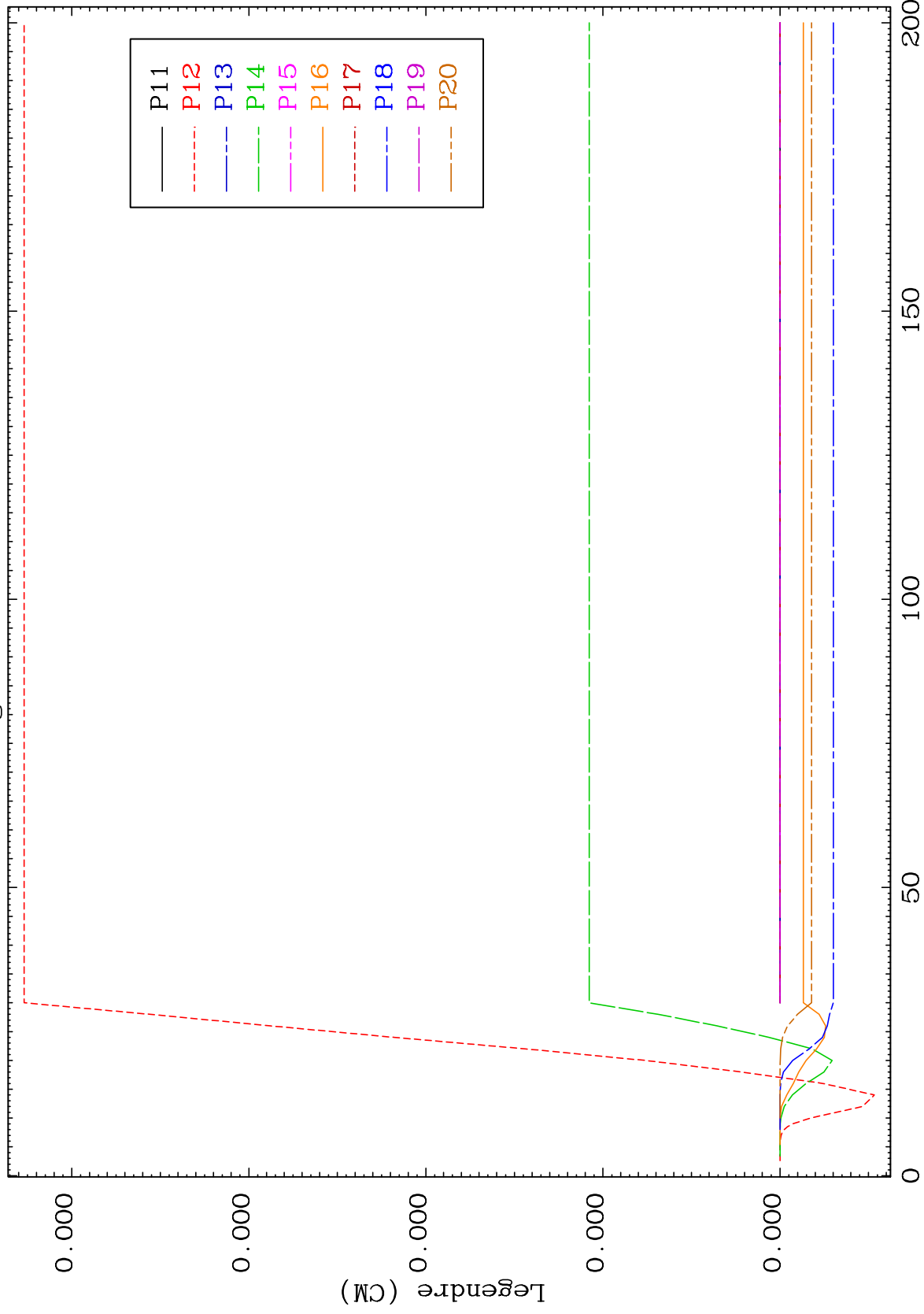




MAT 7092

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

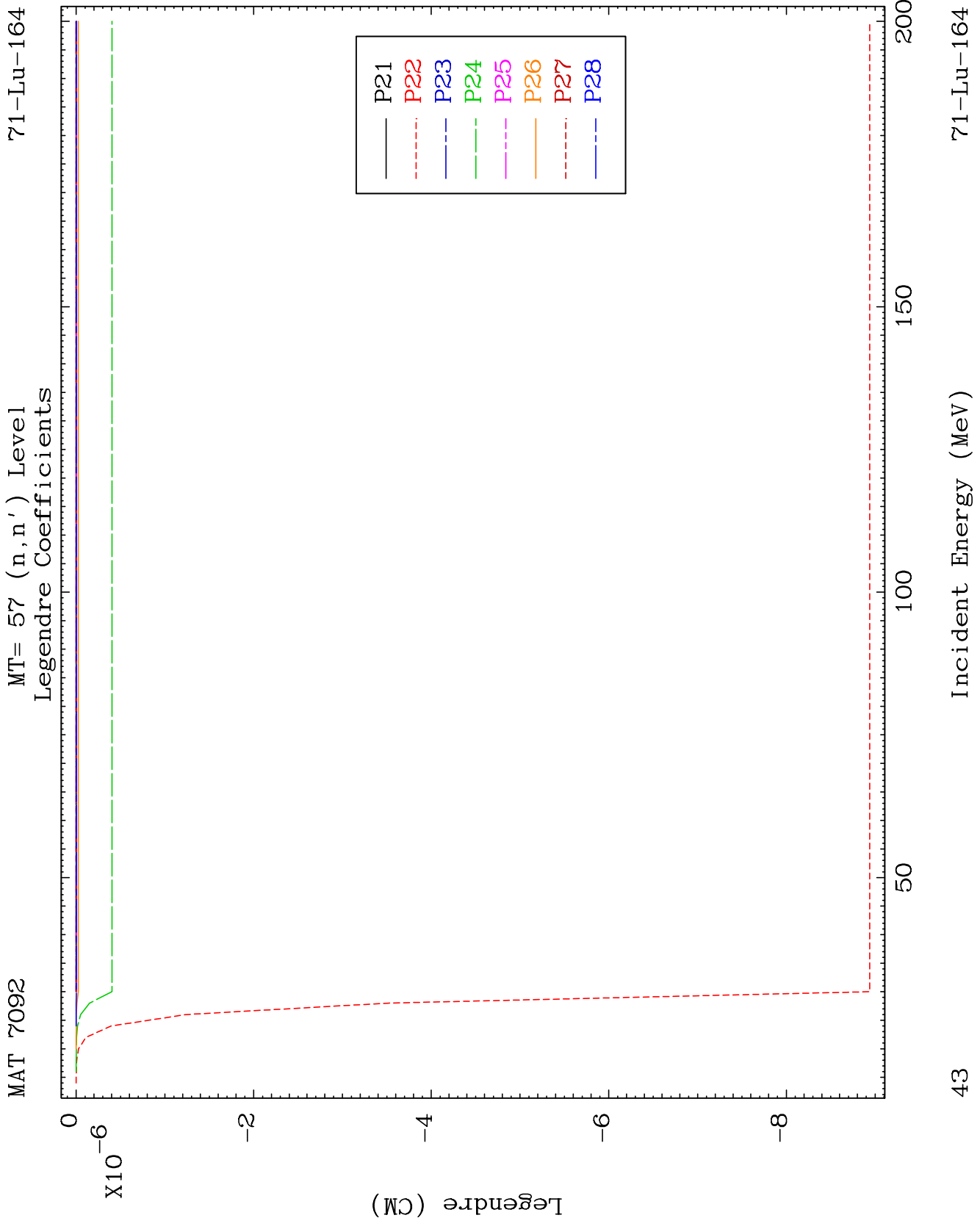
71-Lu-164



42

Incident Energy (MeV)

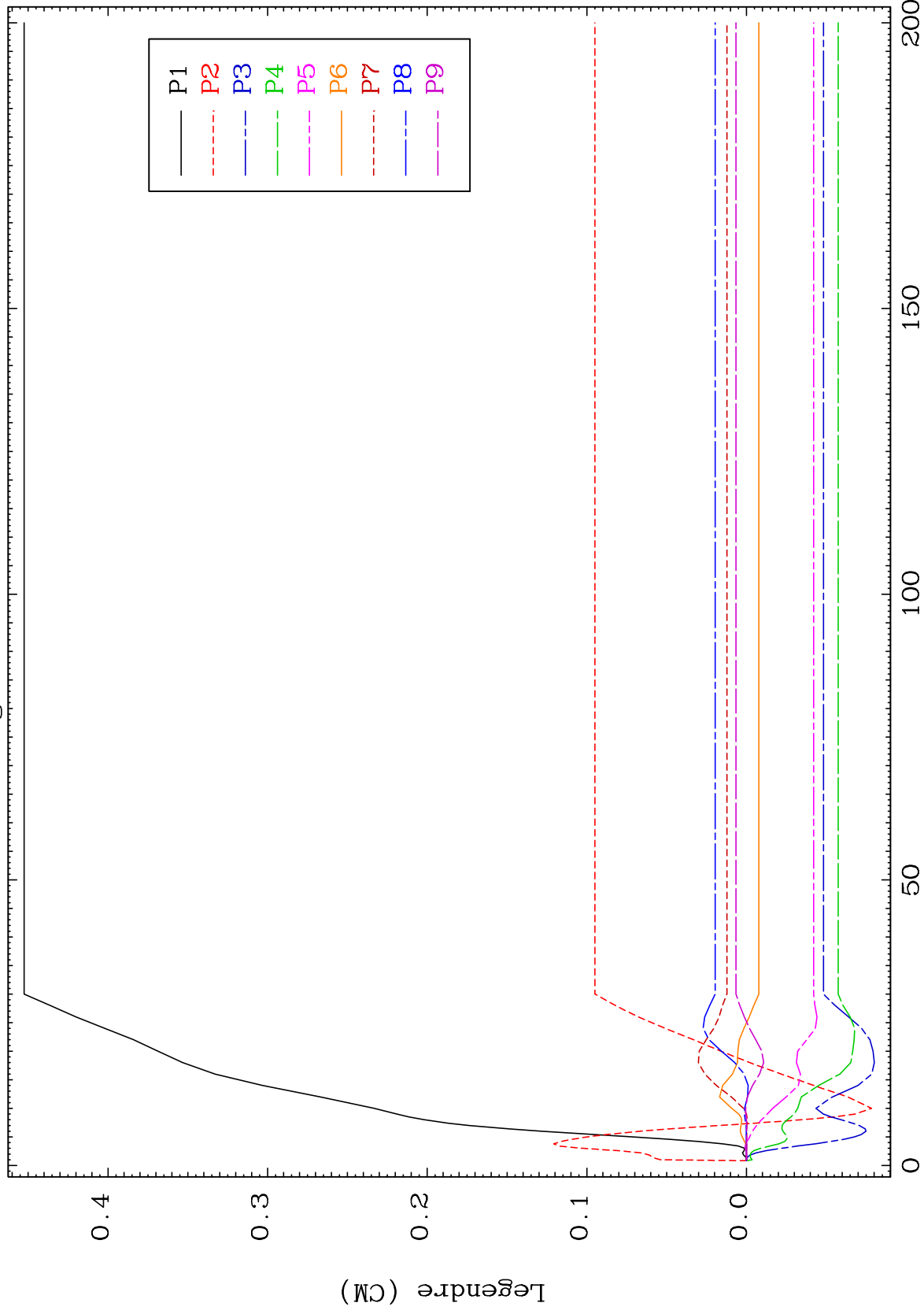
71-Lu-164



MAT 7092

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

71-Lu-164



71-Lu-164

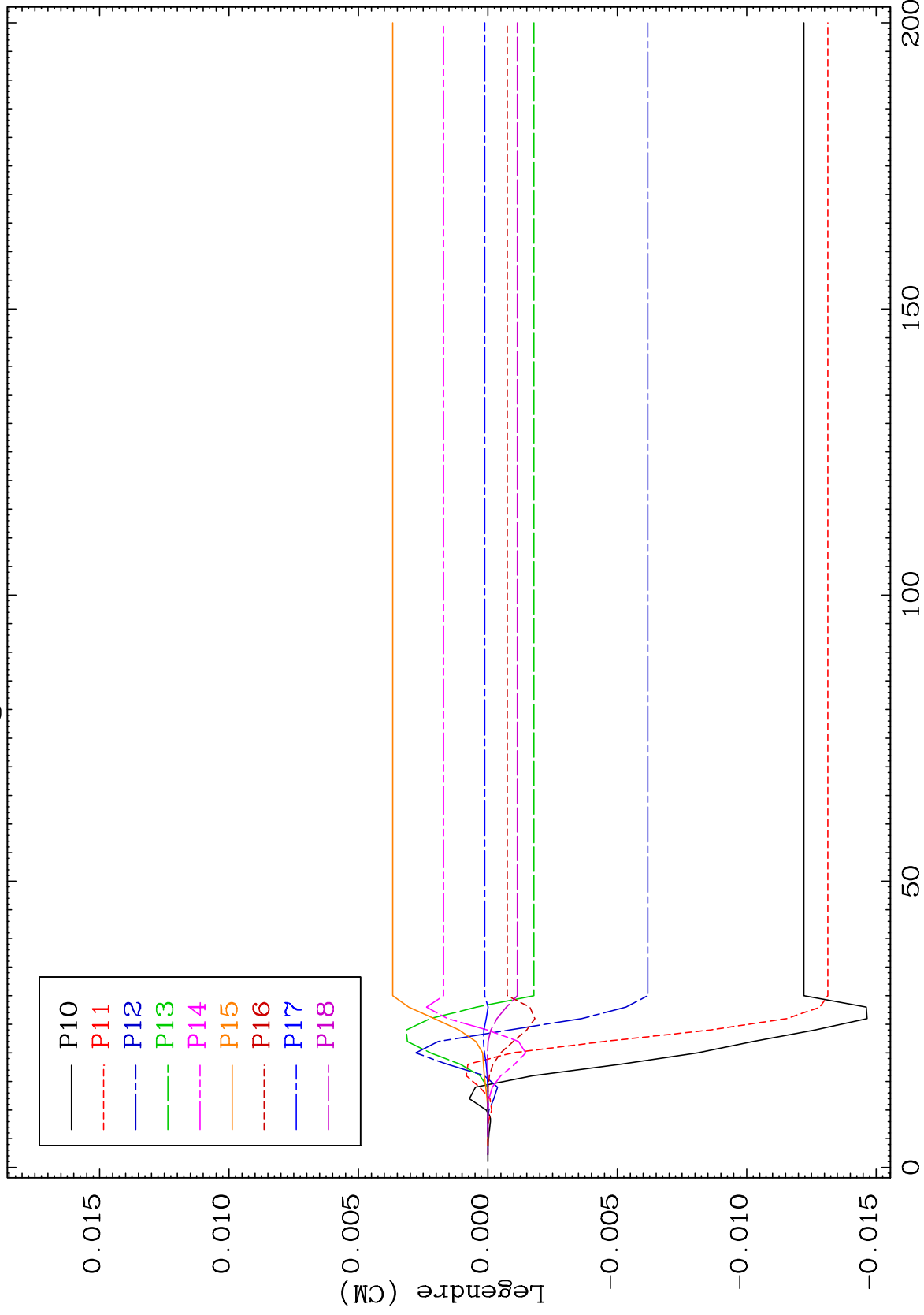
Incident Energy (MeV)

44

MAT 7092

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

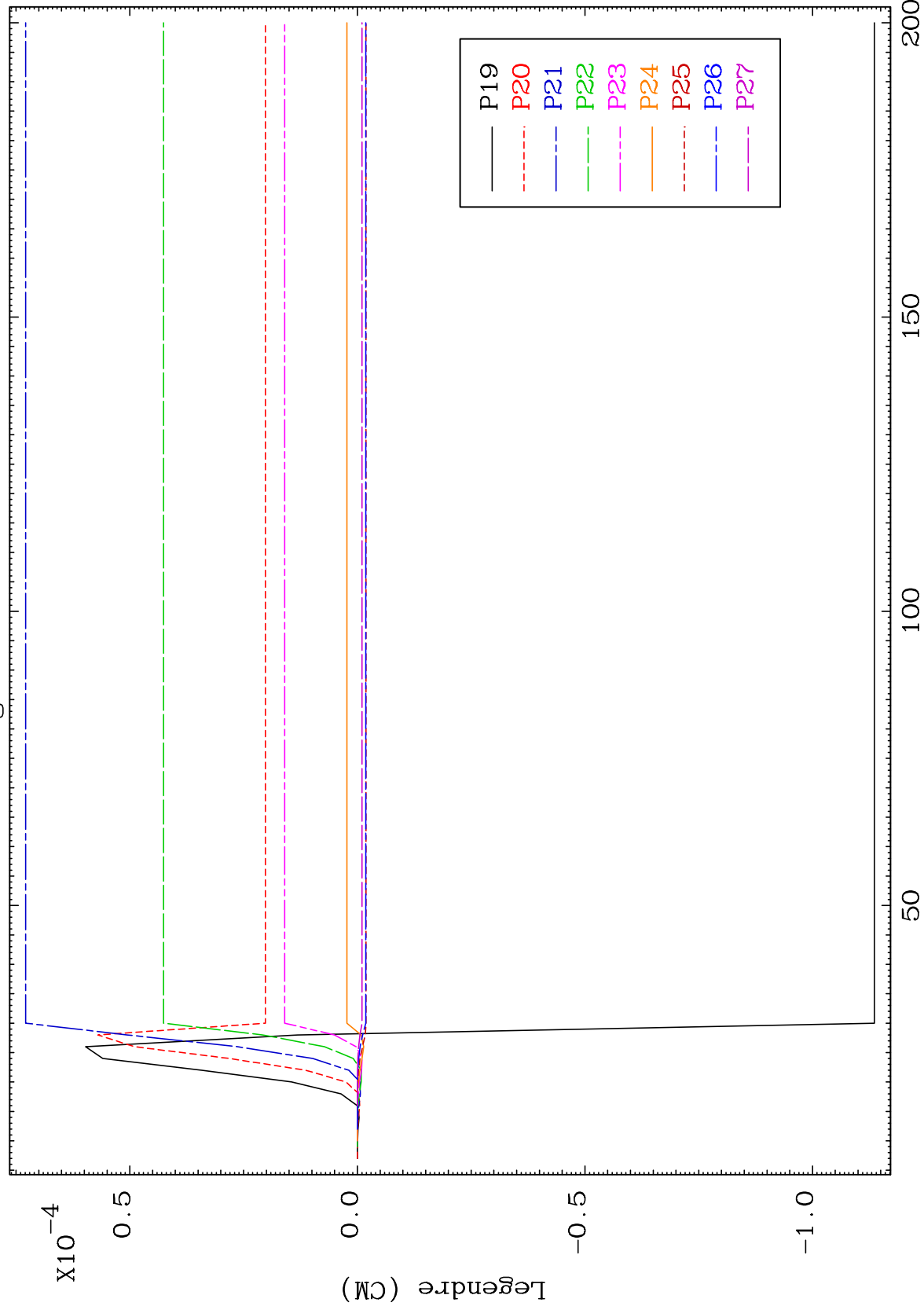
71-Lu-164



45

Incident Energy (MeV)

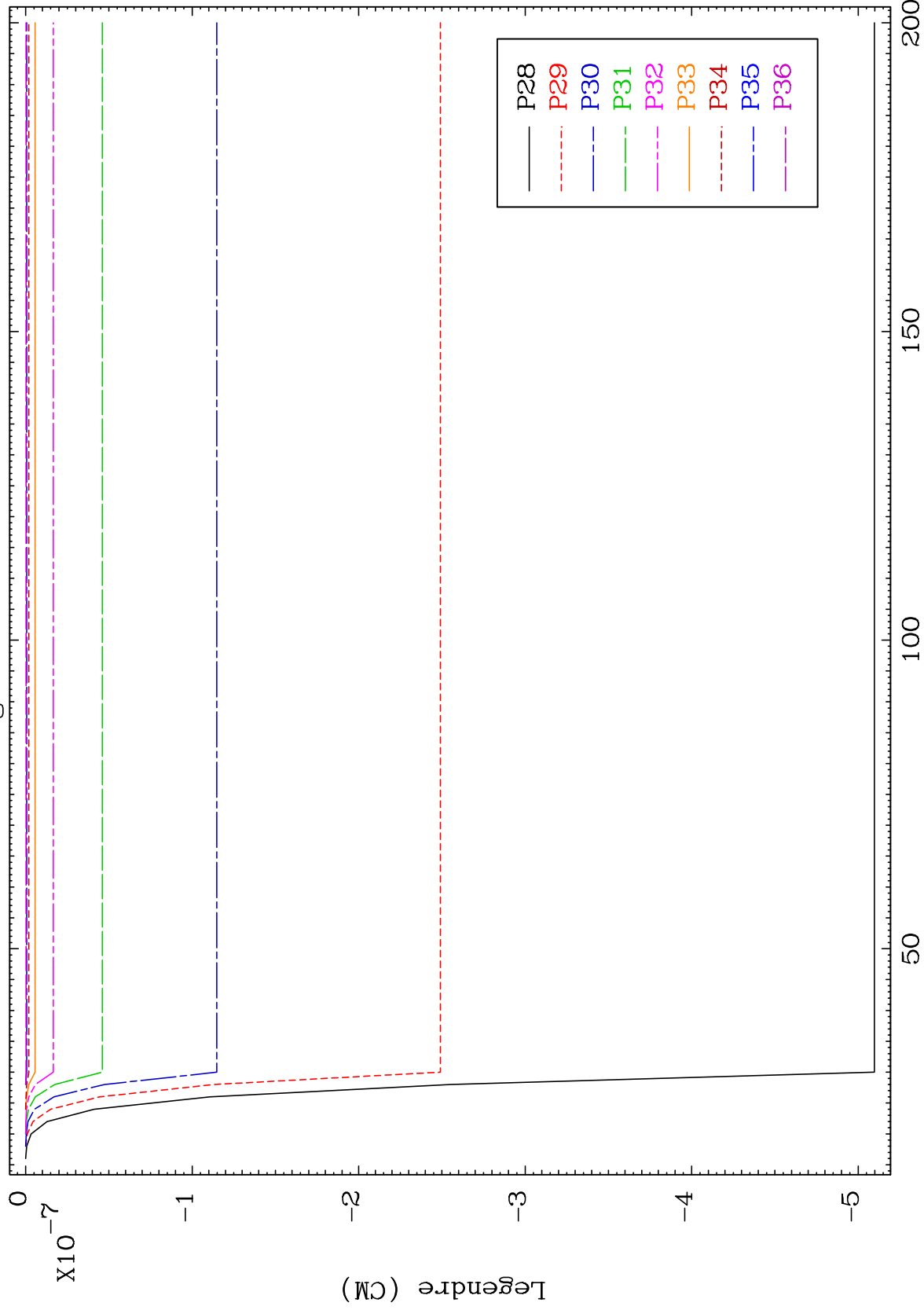
71-Lu-164



MAT 7092

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

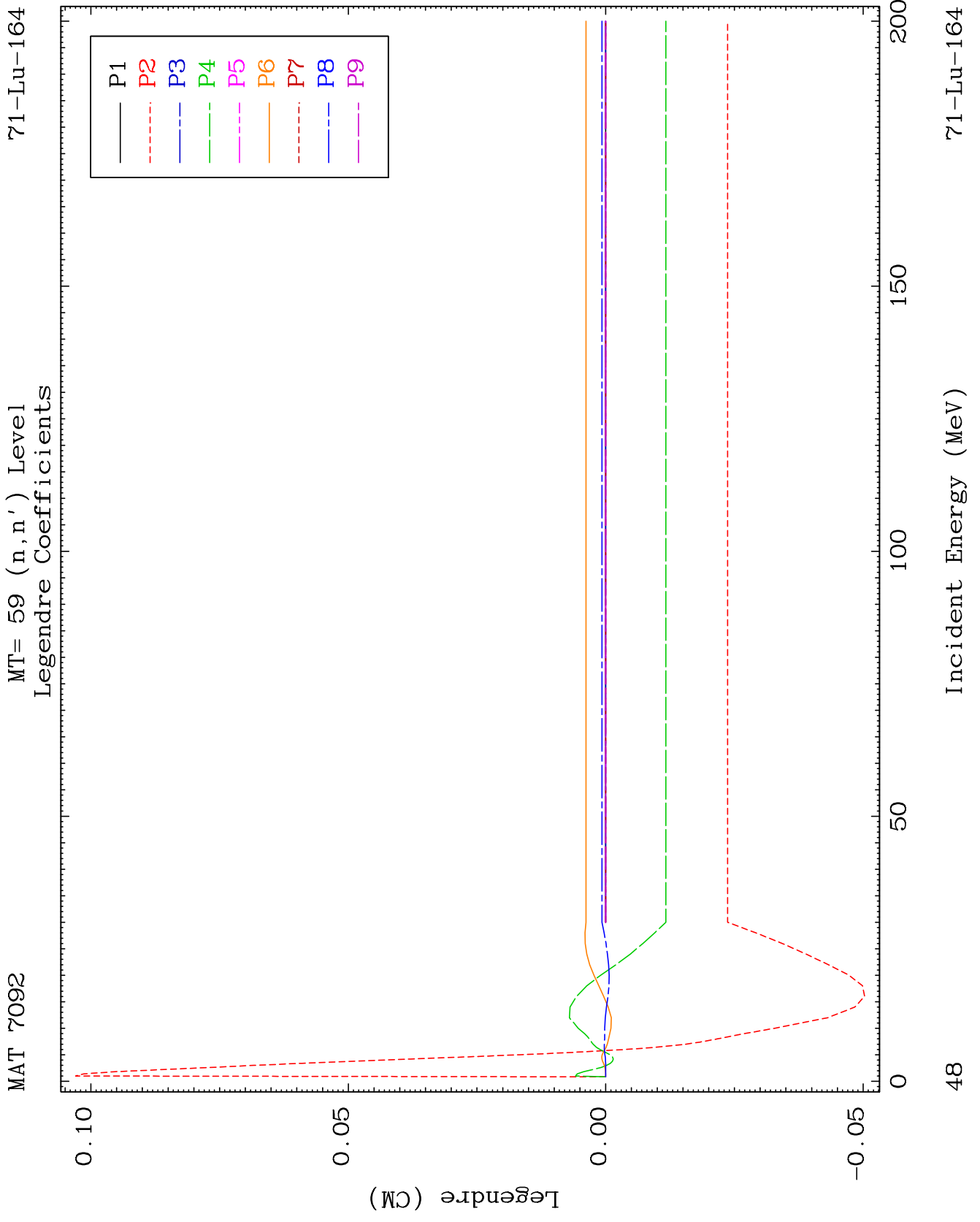
71-Lu-164



47

Incident Energy (MeV)

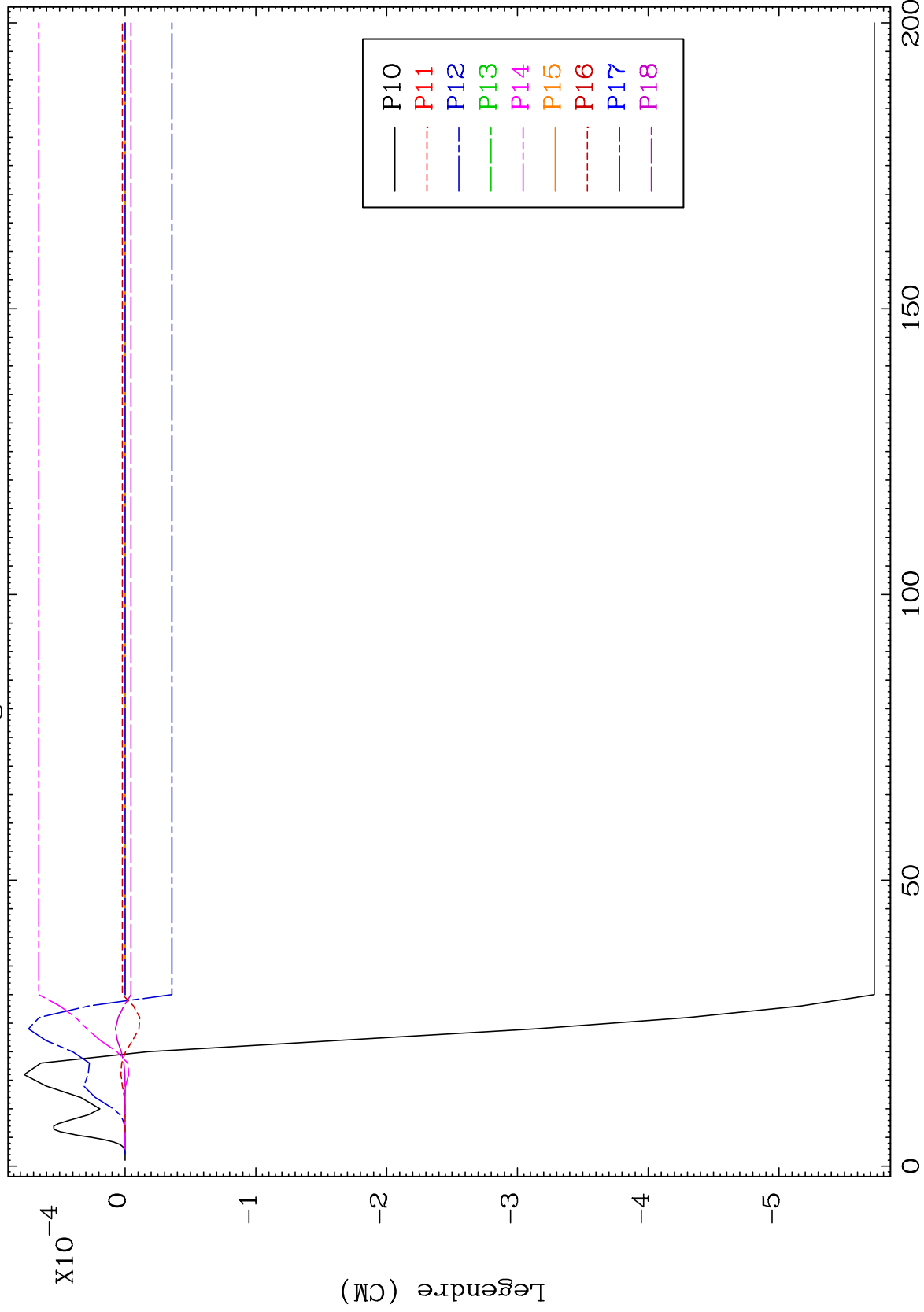
71-Lu-164



MAT 7092

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

71-Lu-164



49

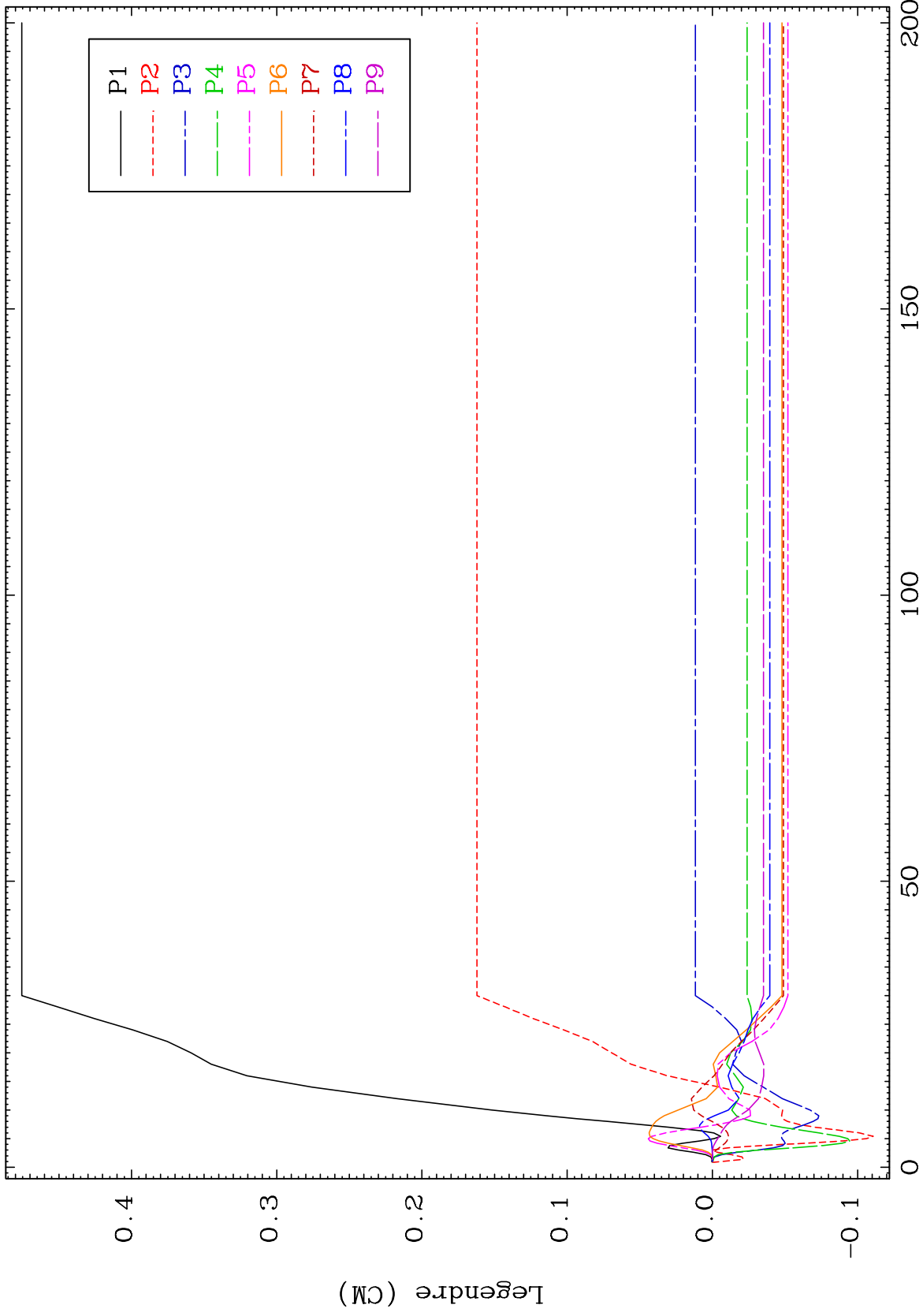
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



51

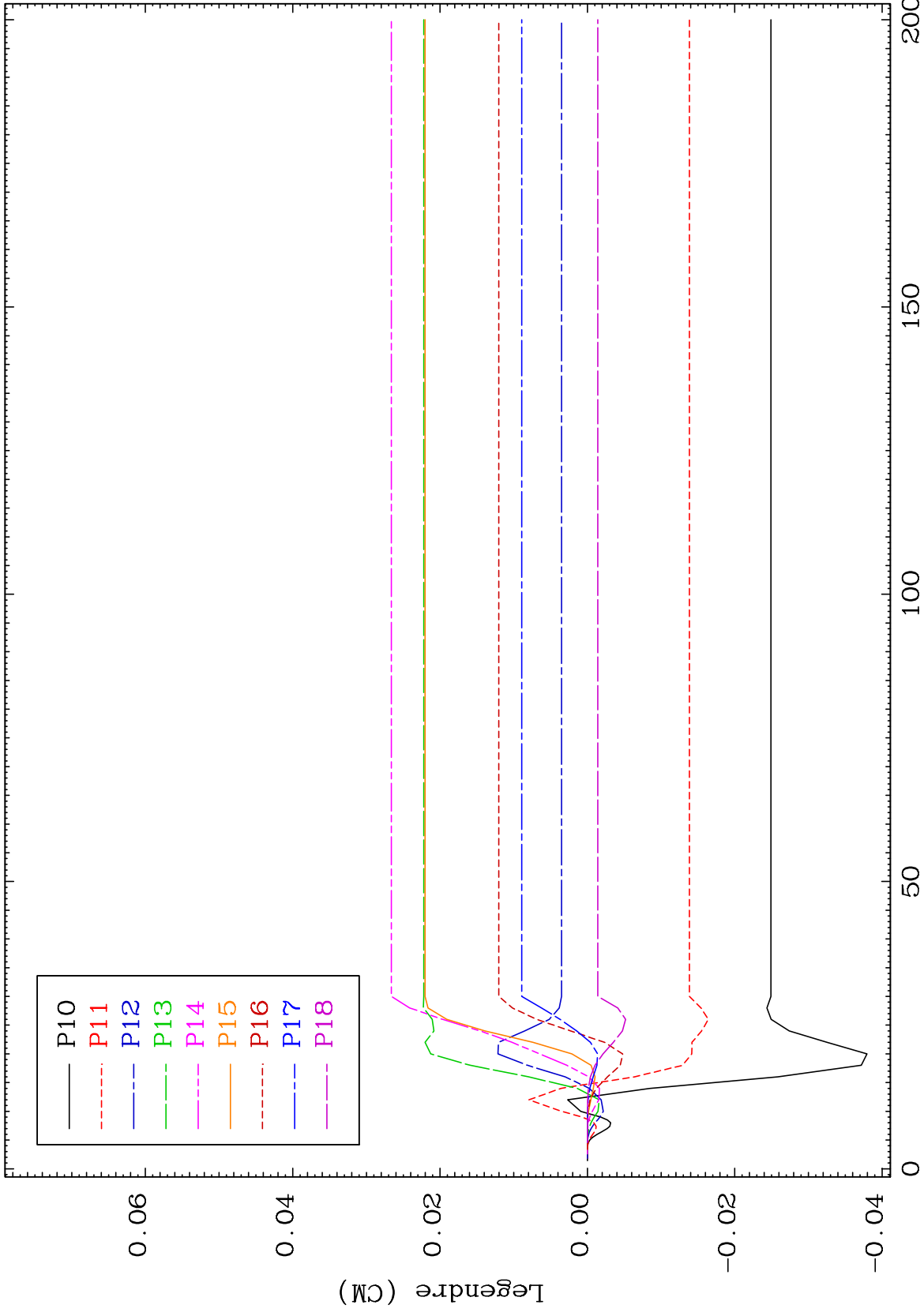
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

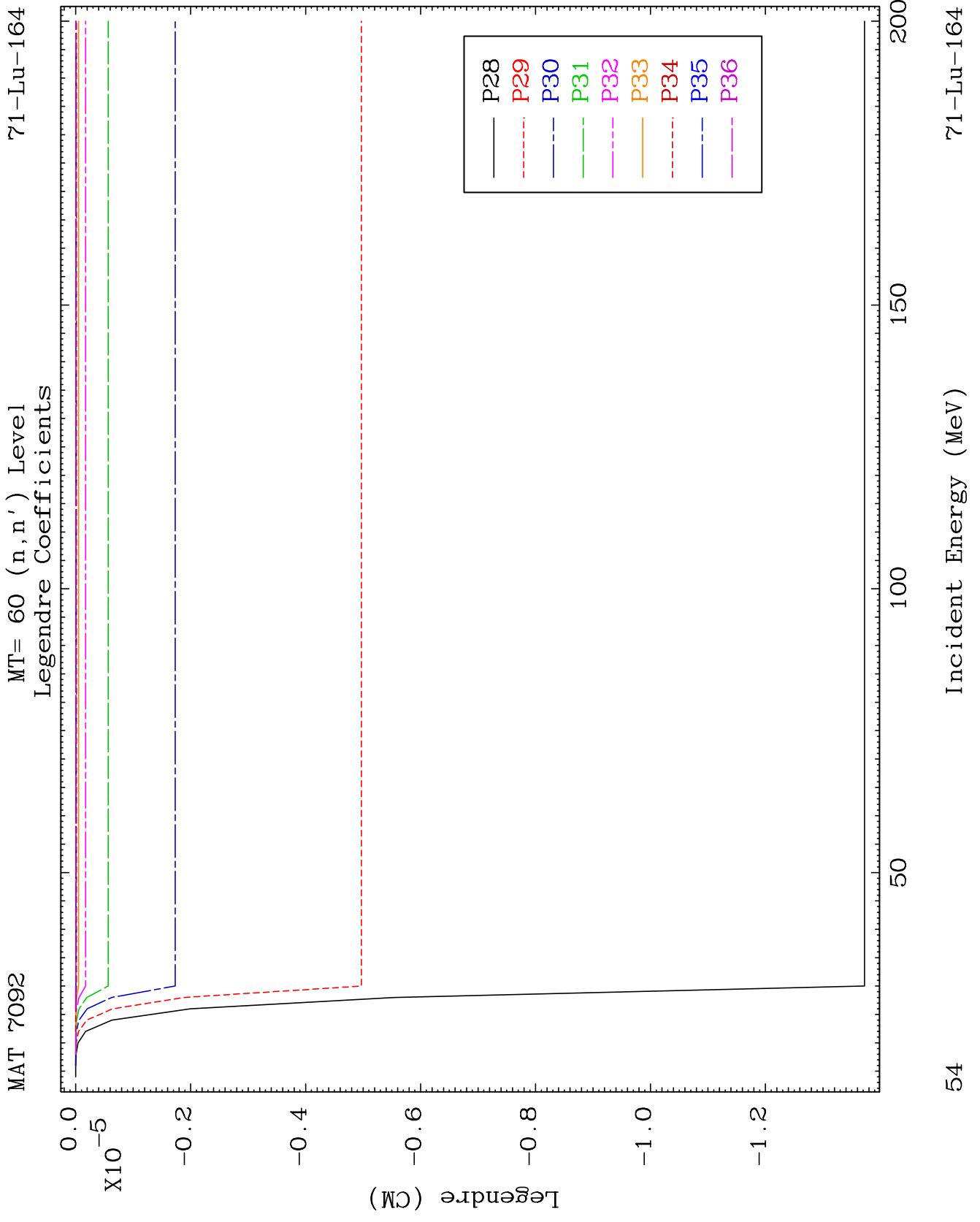
71-Lu-164

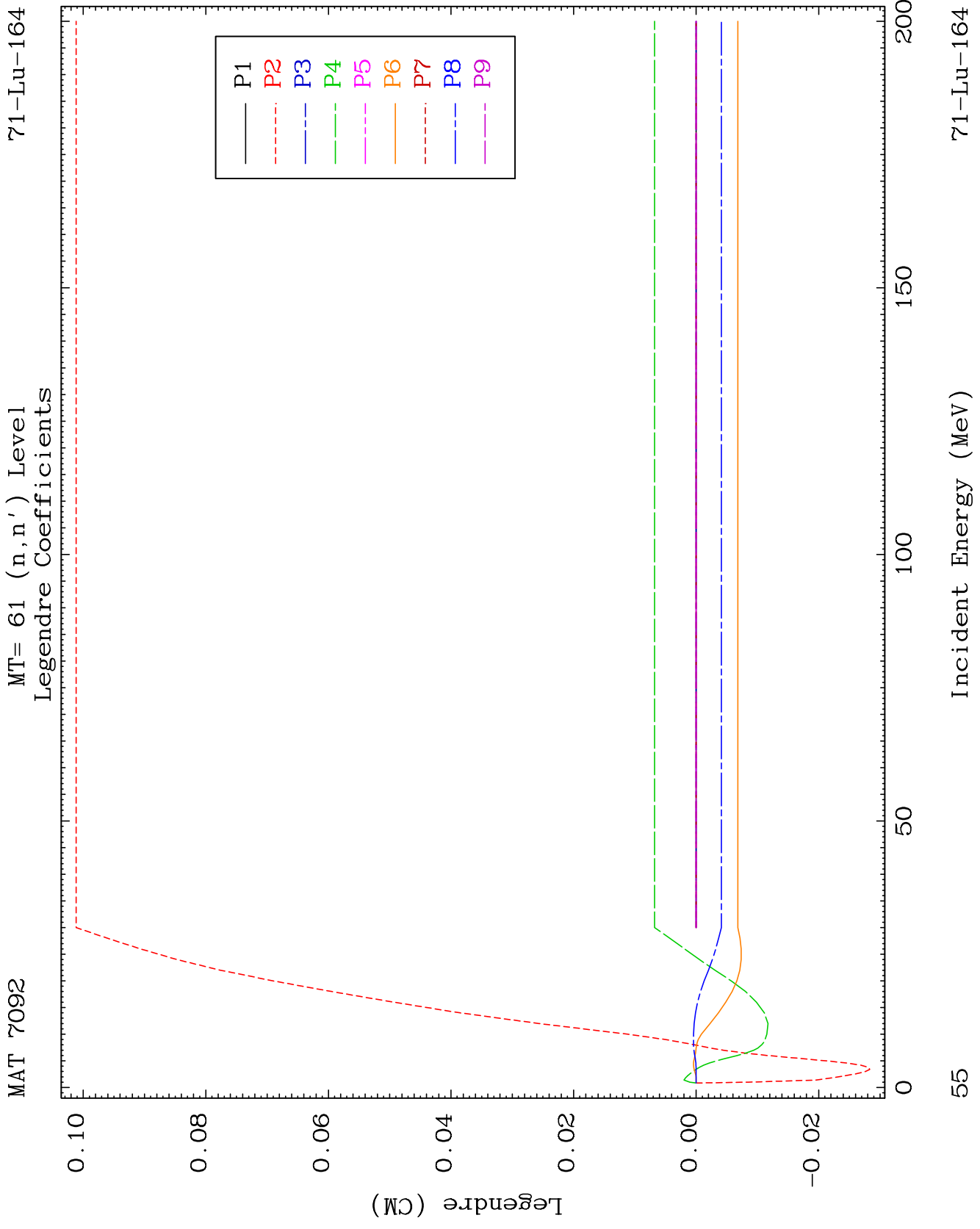


52

Incident Energy (MeV)

71-Lu-164

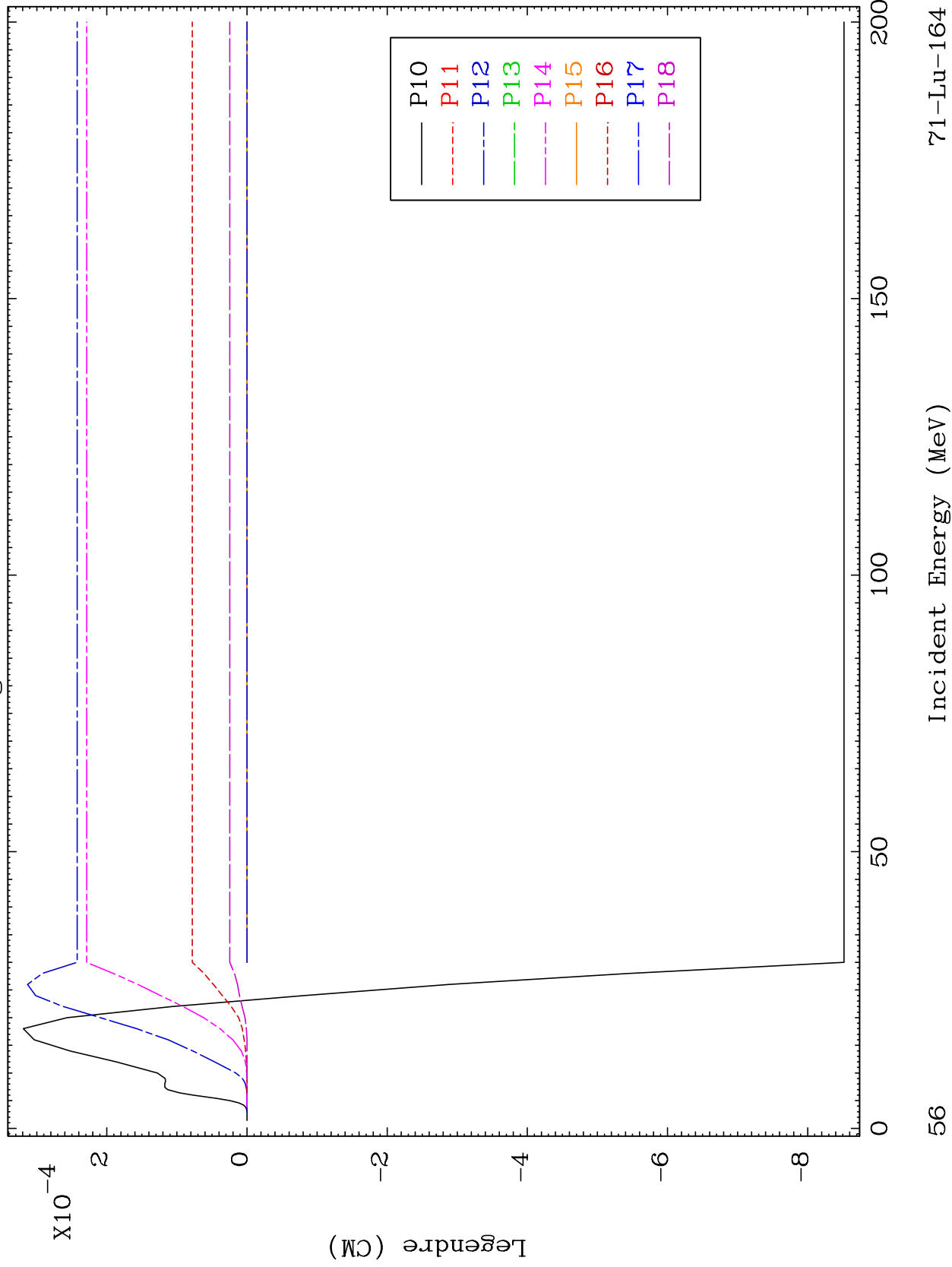




MAT 7092

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

71-Lu-164



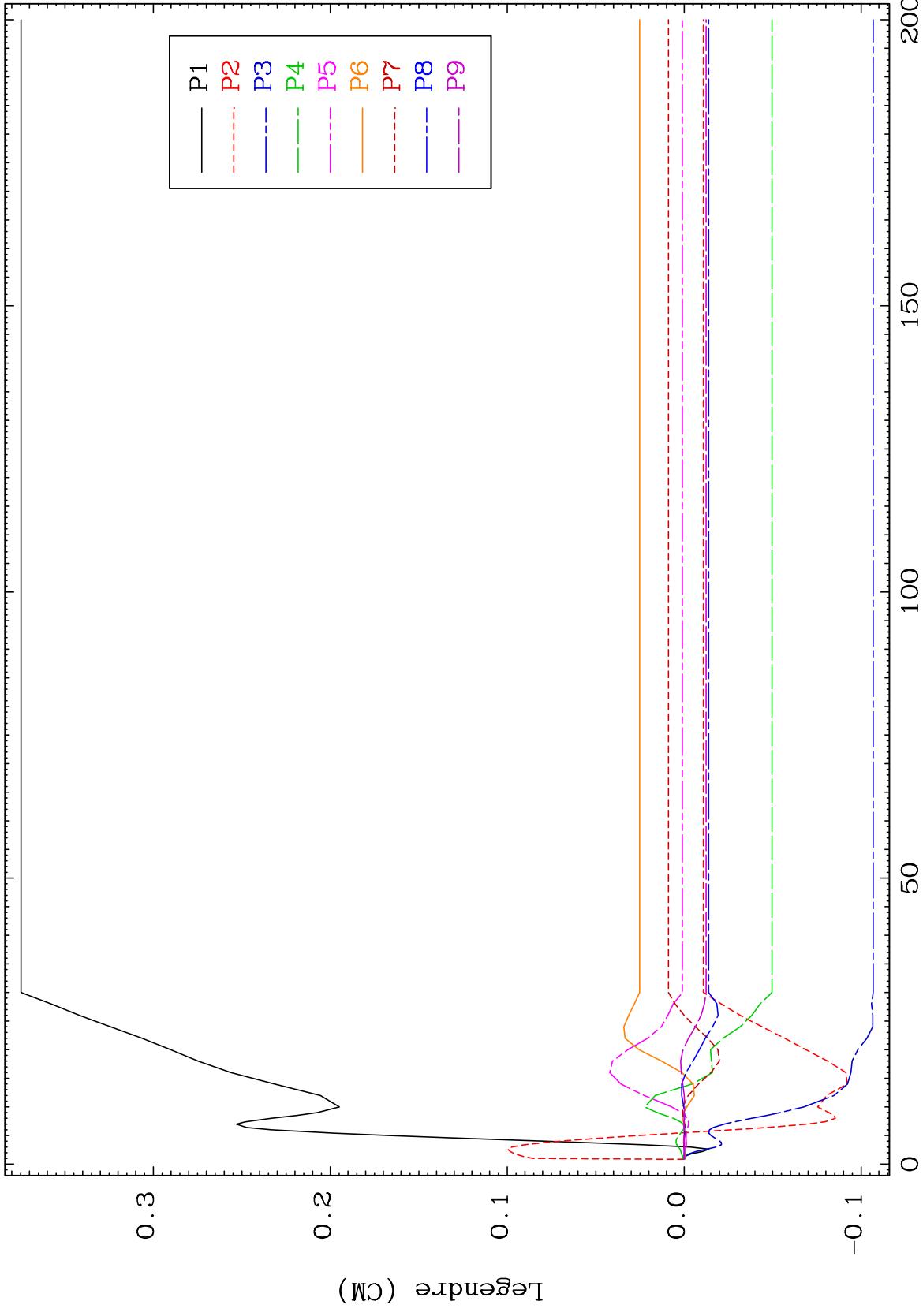
56

71-Lu-164

MAT 7092

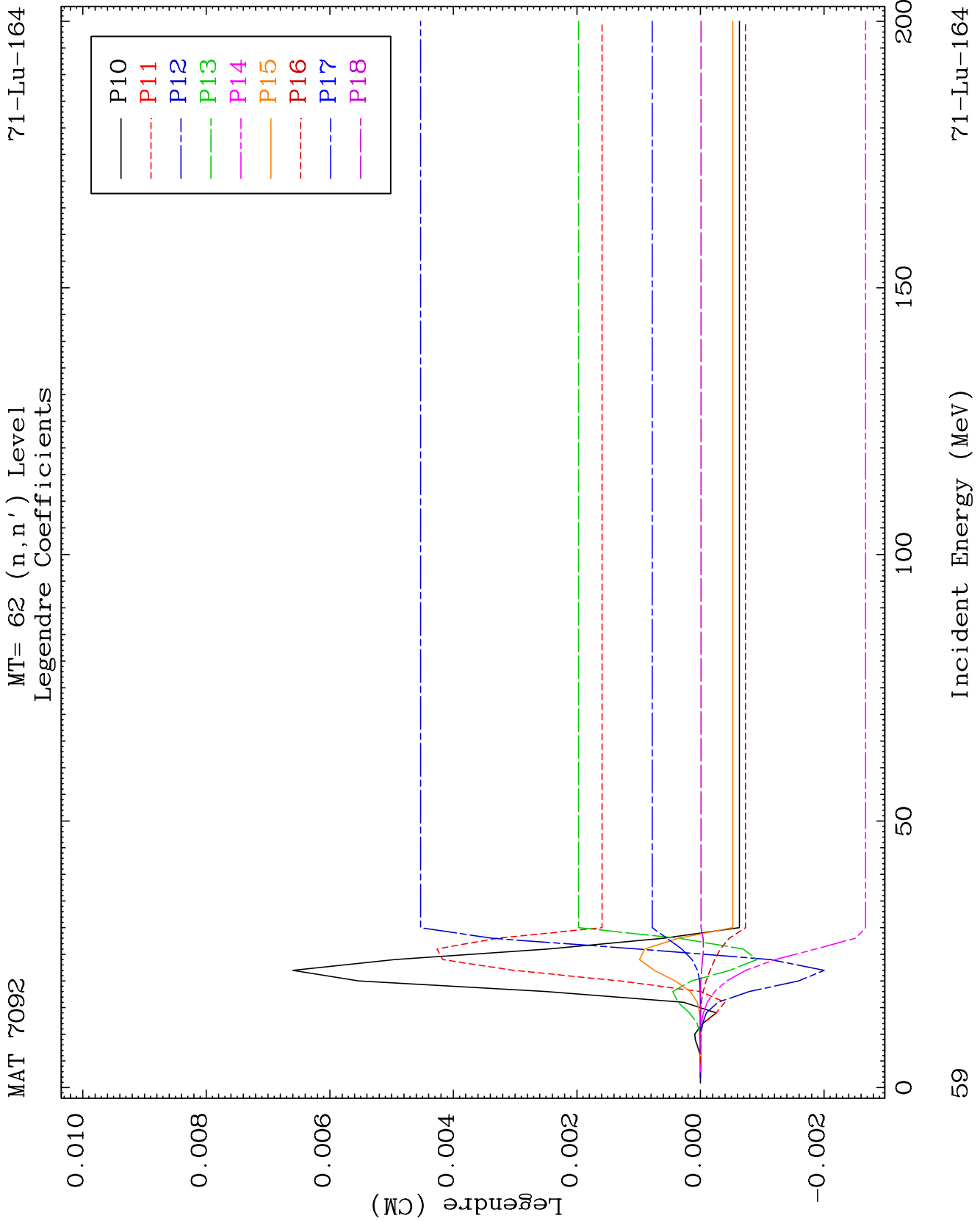
MT= 62 (n,n') Level
Legendre Coefficients

71-Lu-164



58

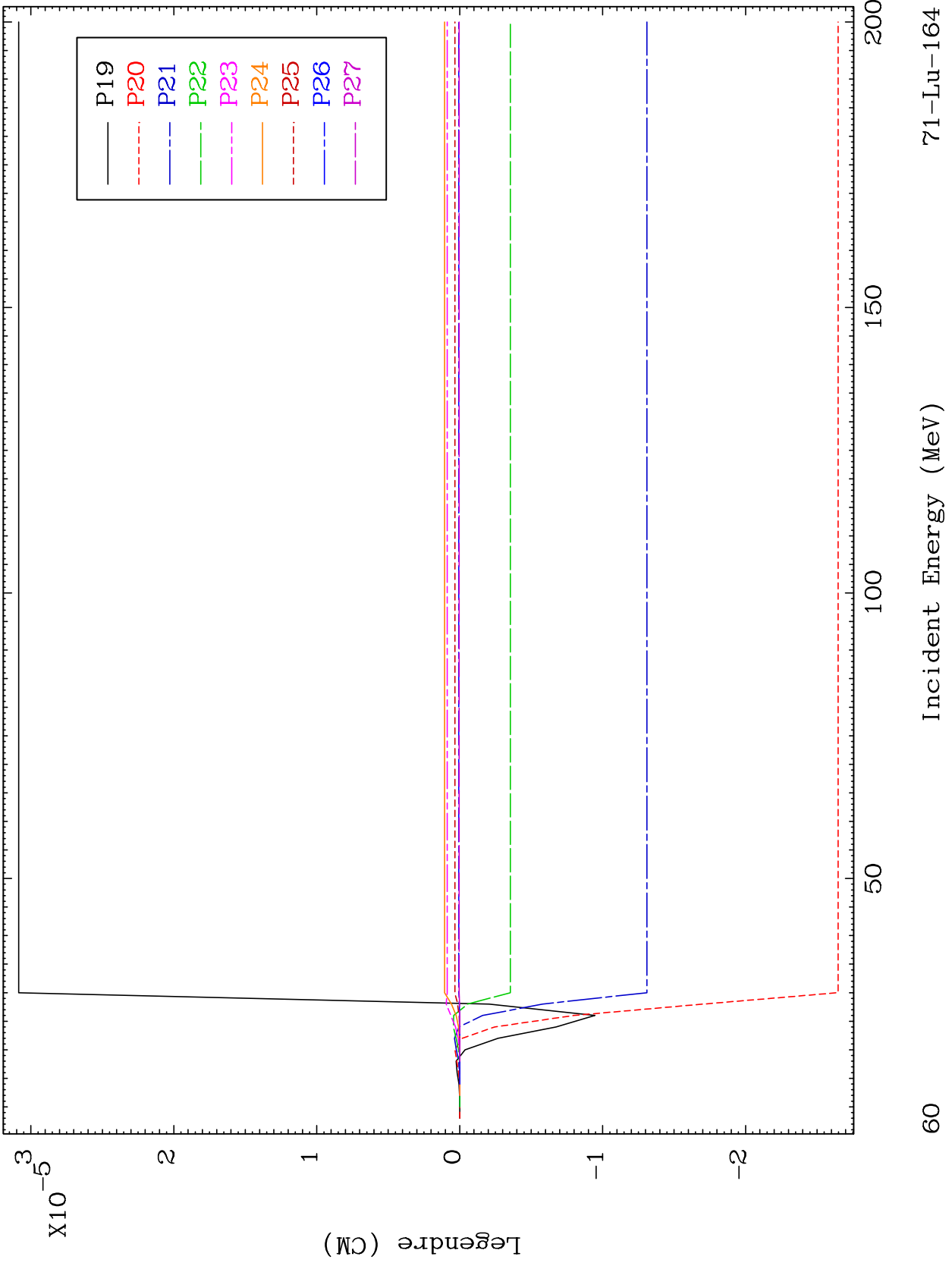
71-Lu-164



MAT 7092

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

71-Lu-164



60

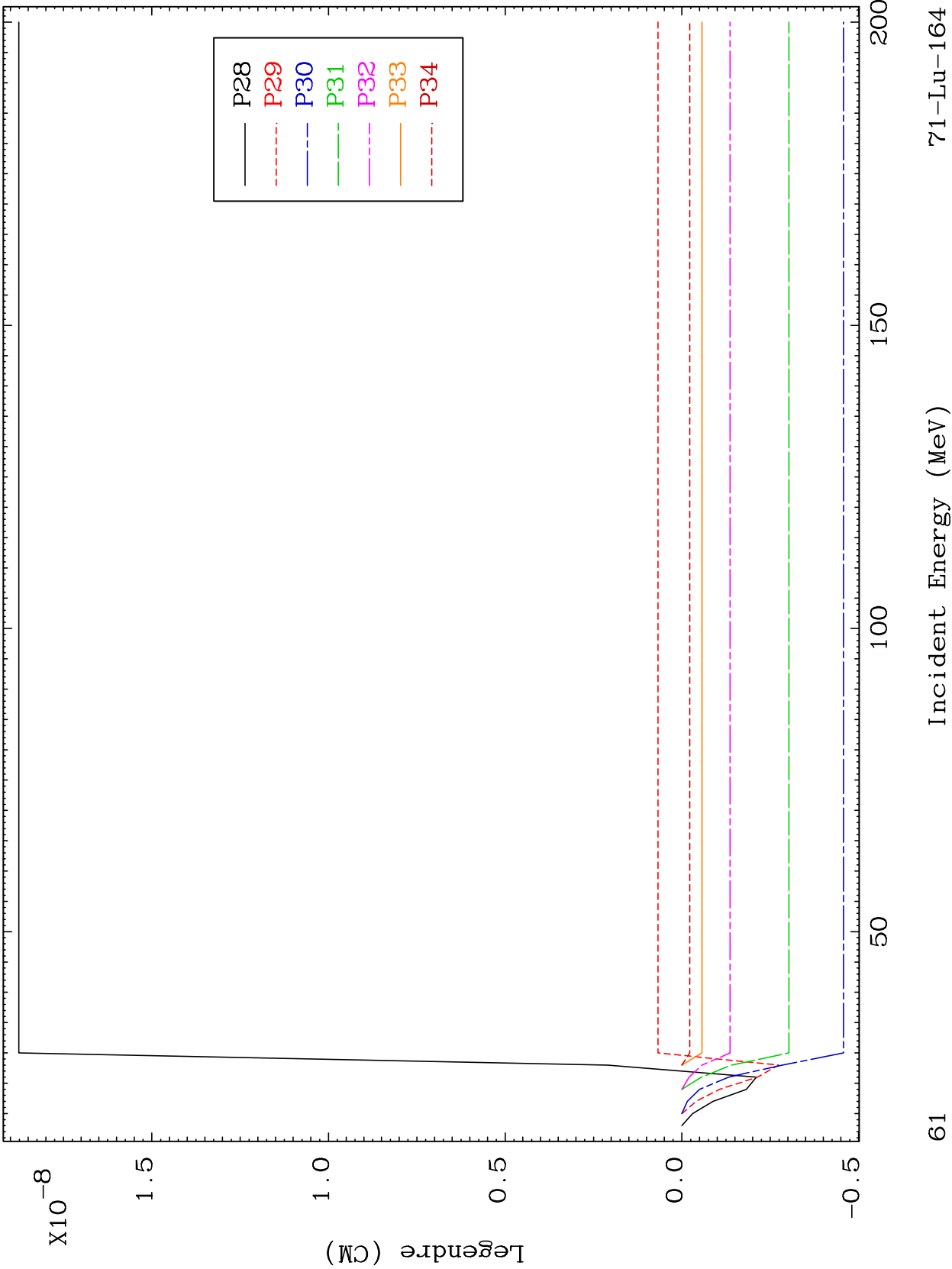
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



61

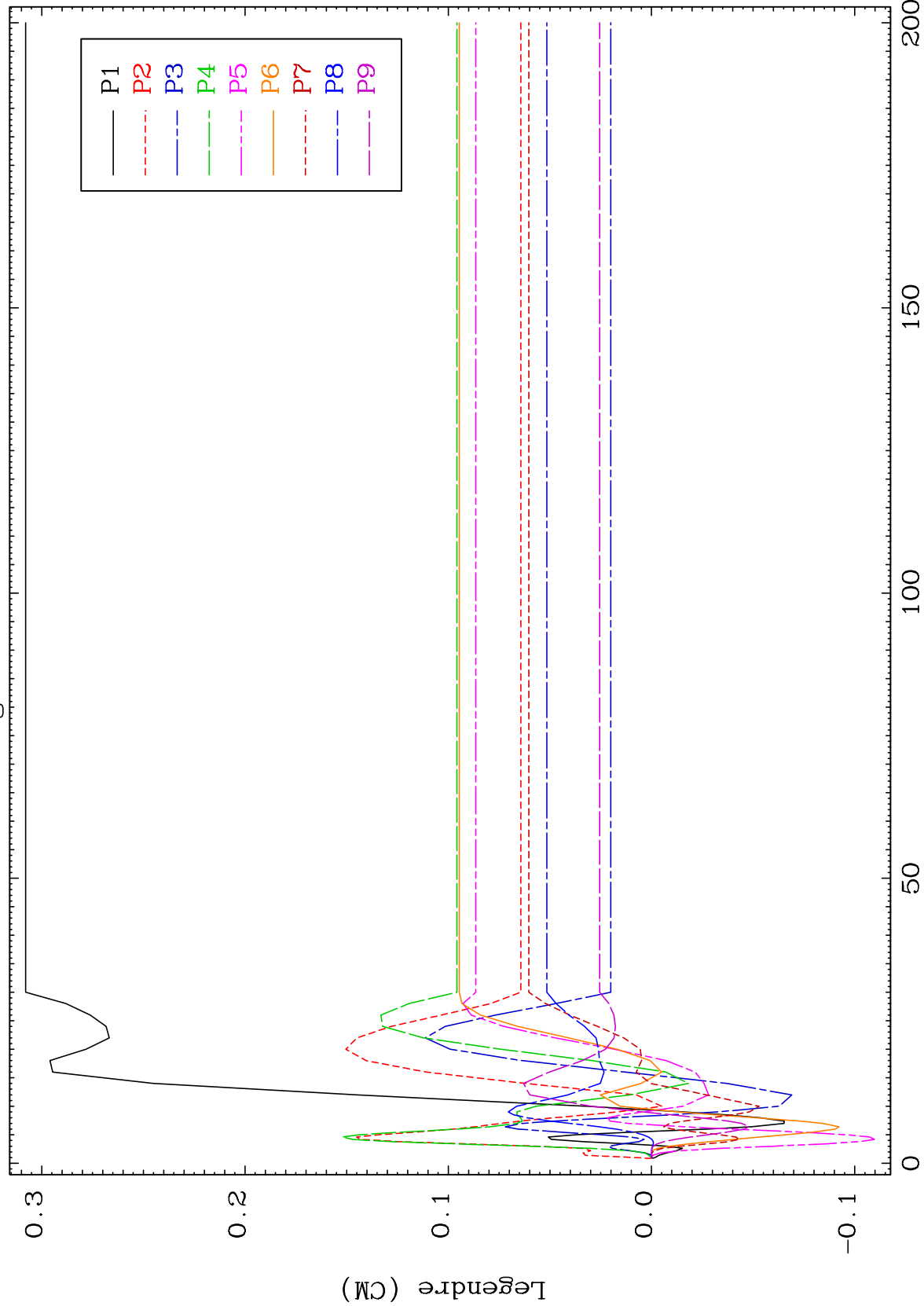
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



62

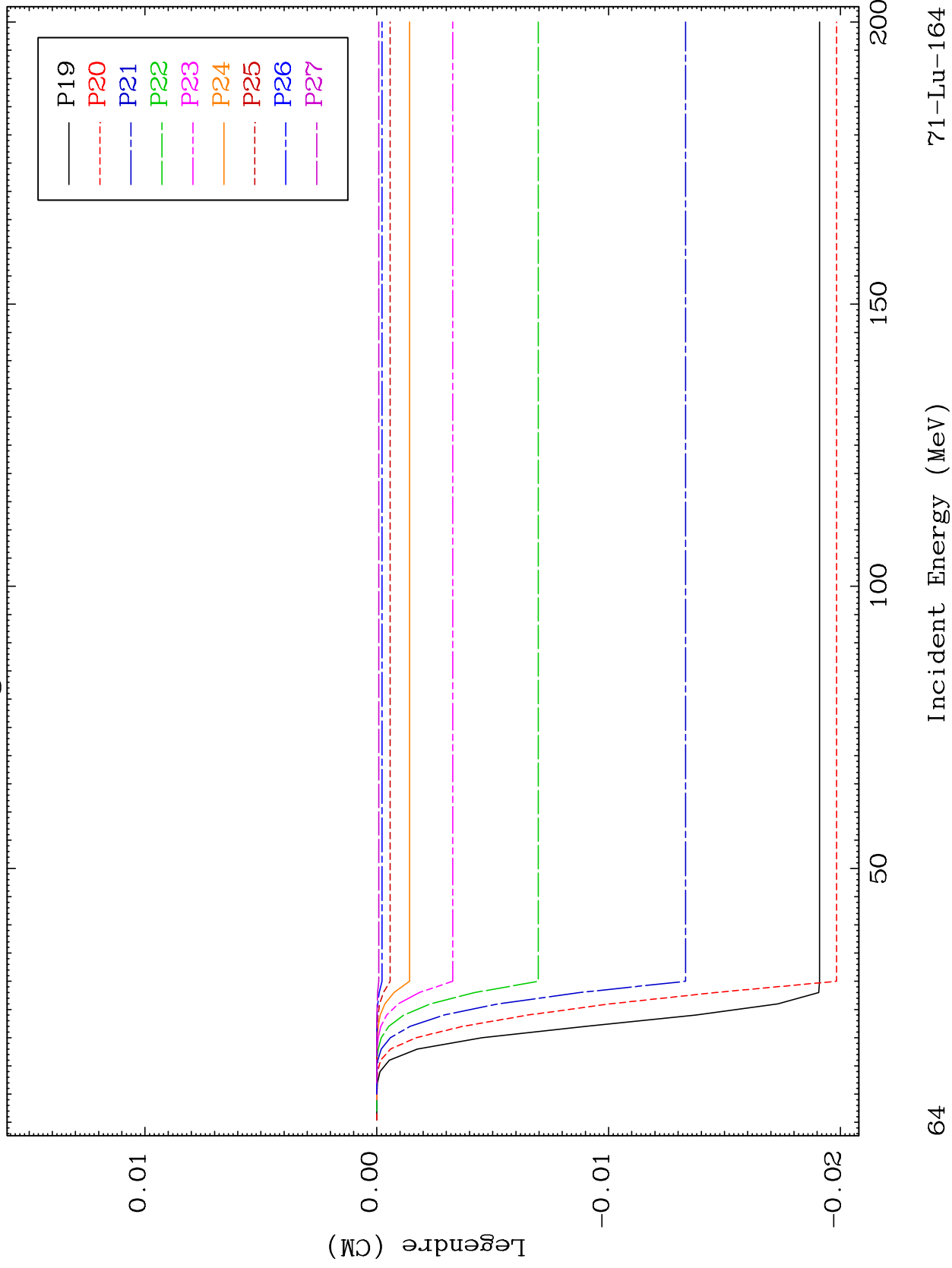
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

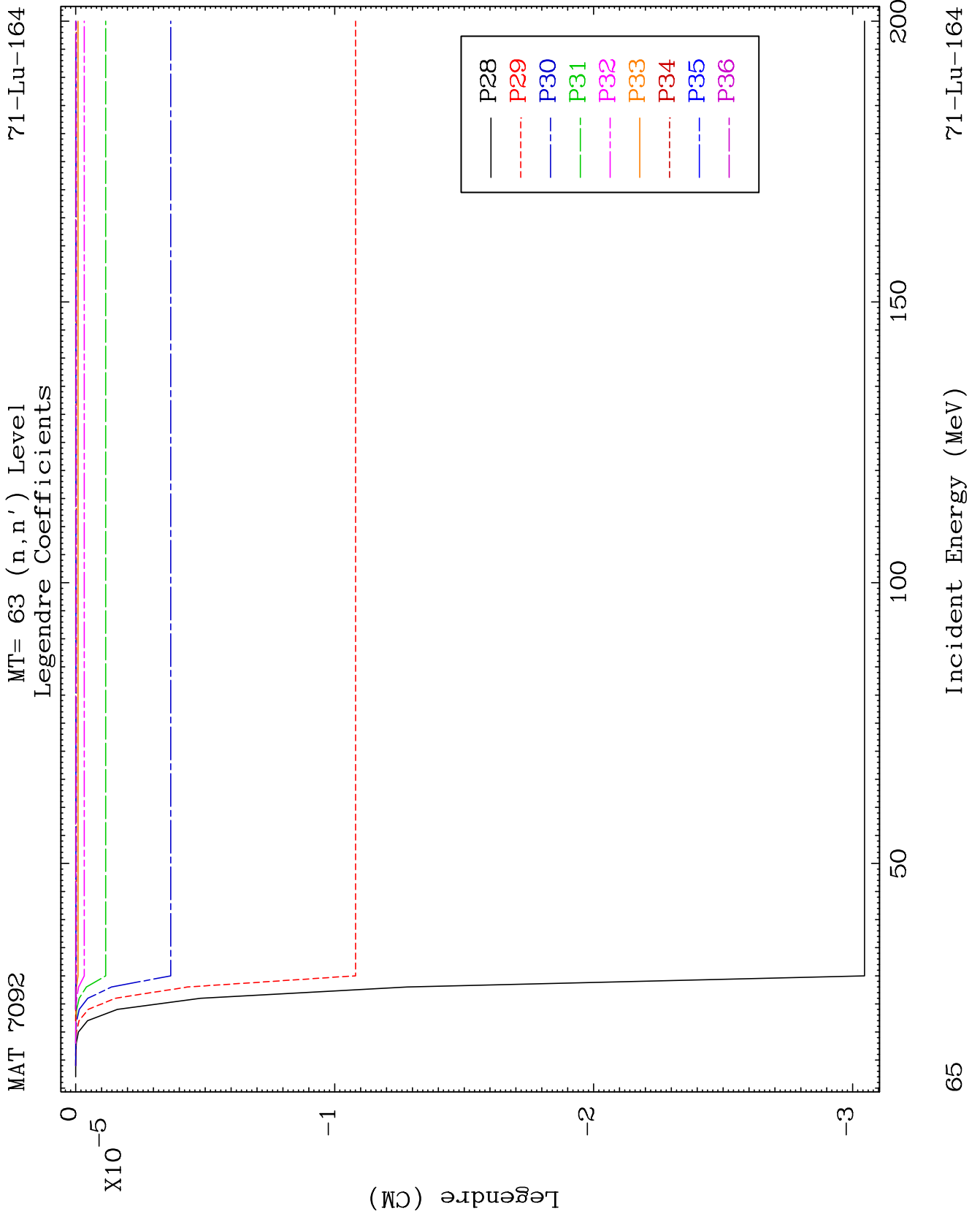
71-Lu-164



64

Incident Energy (MeV)

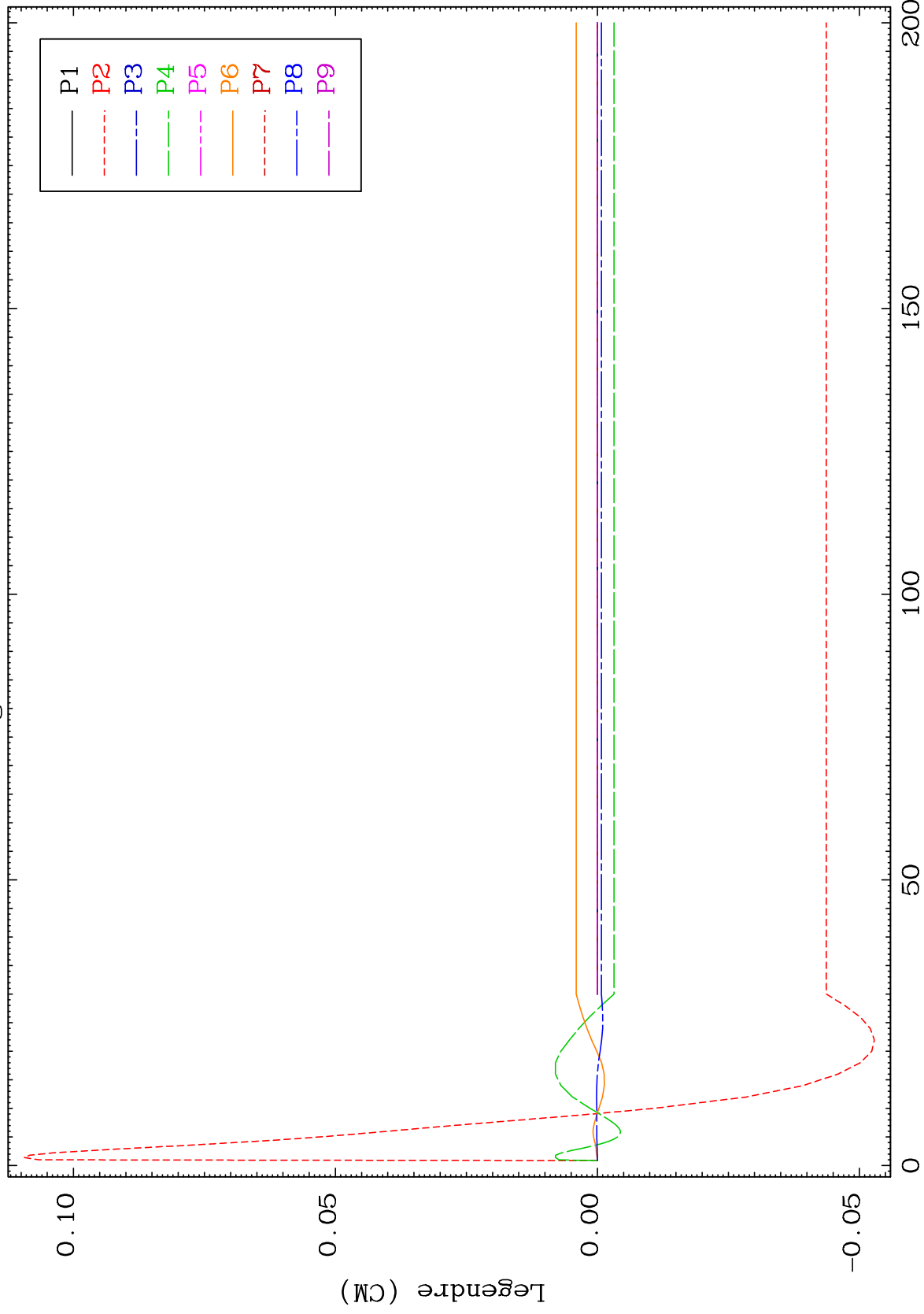
71-Lu-164



MAT 7092

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

71-Lu-164



66

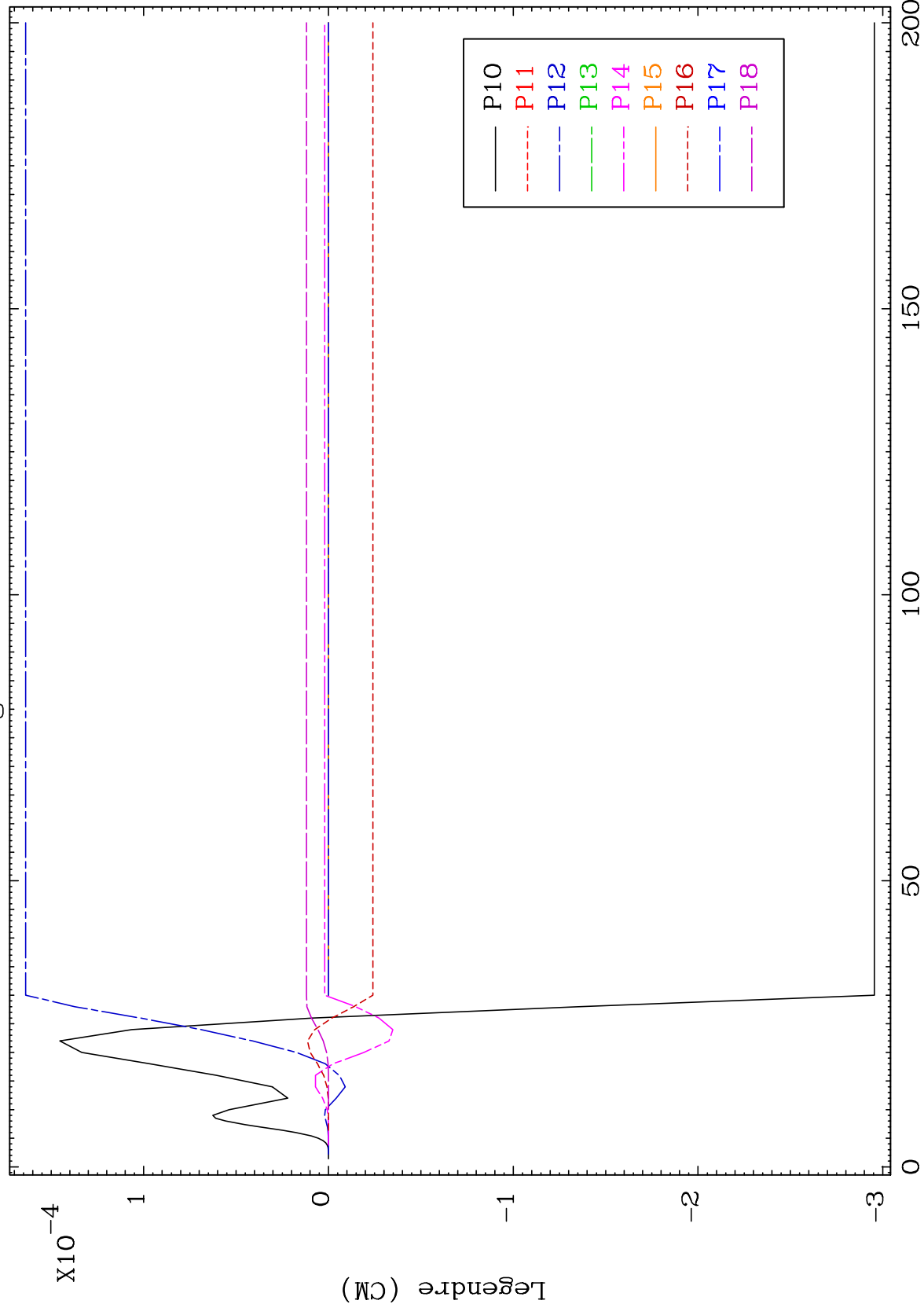
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



67

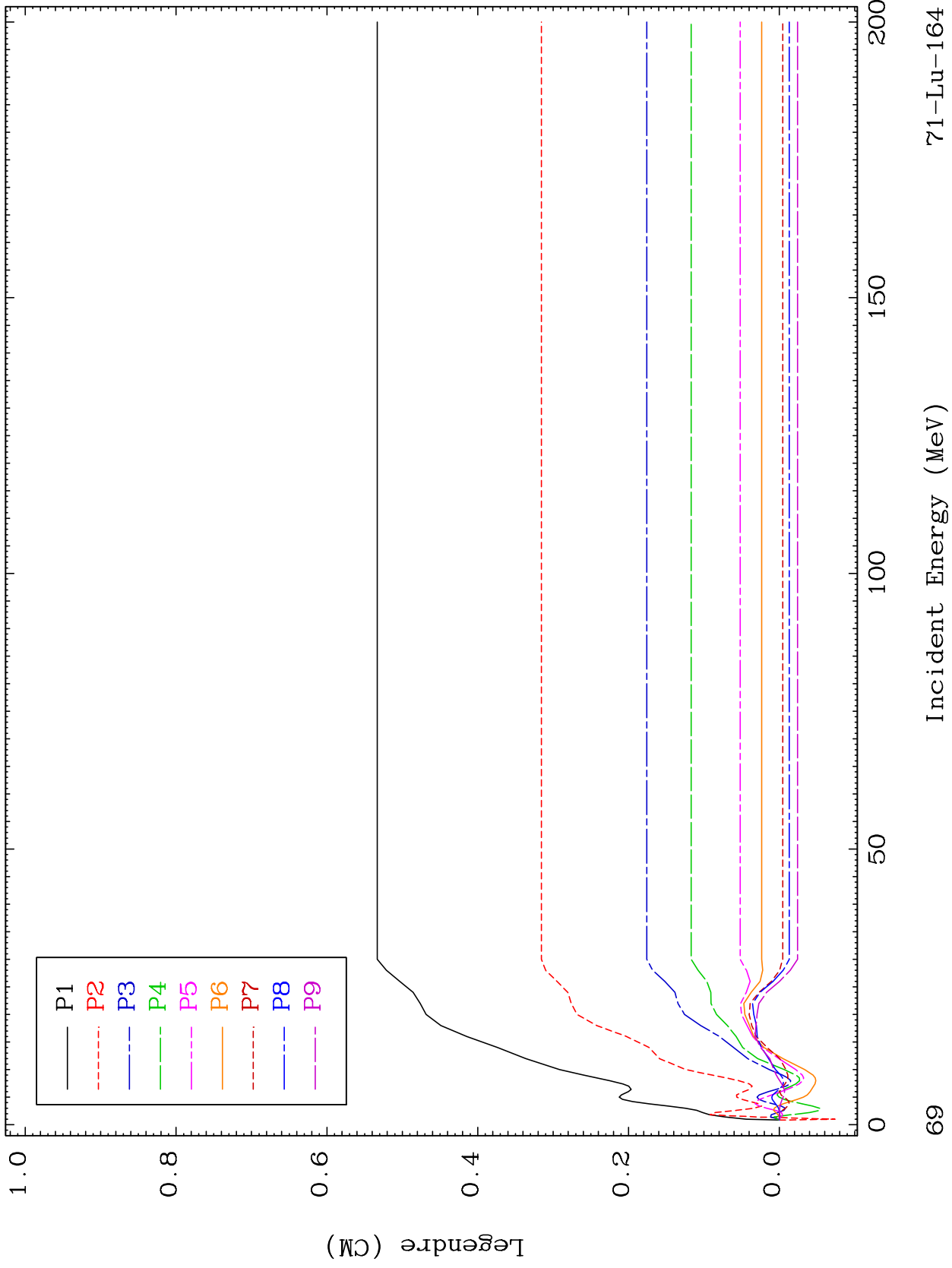
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



71-Lu-164

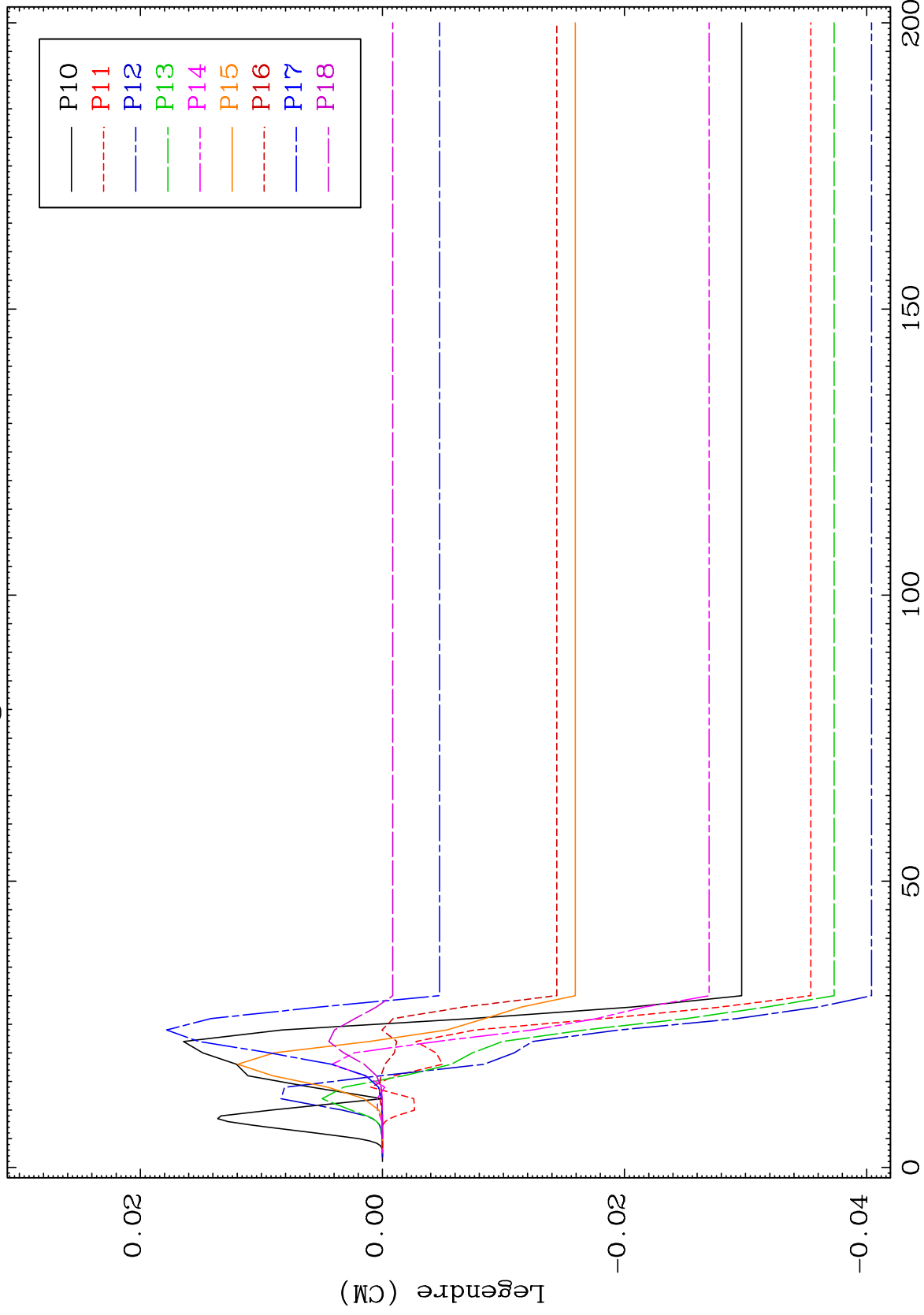
Incident Energy (MeV)

69

MAT 7092

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

71-Lu-164



70

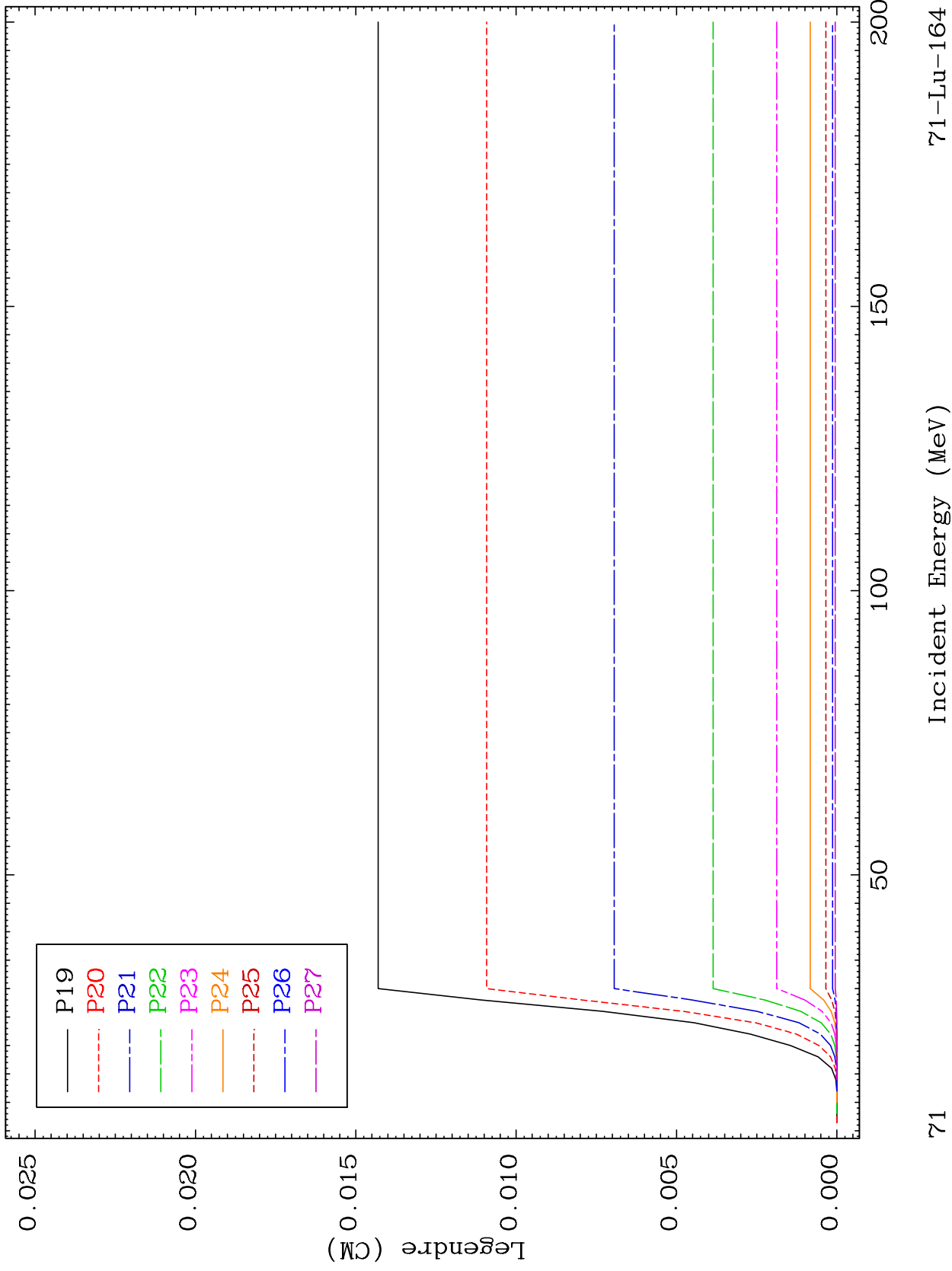
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



71

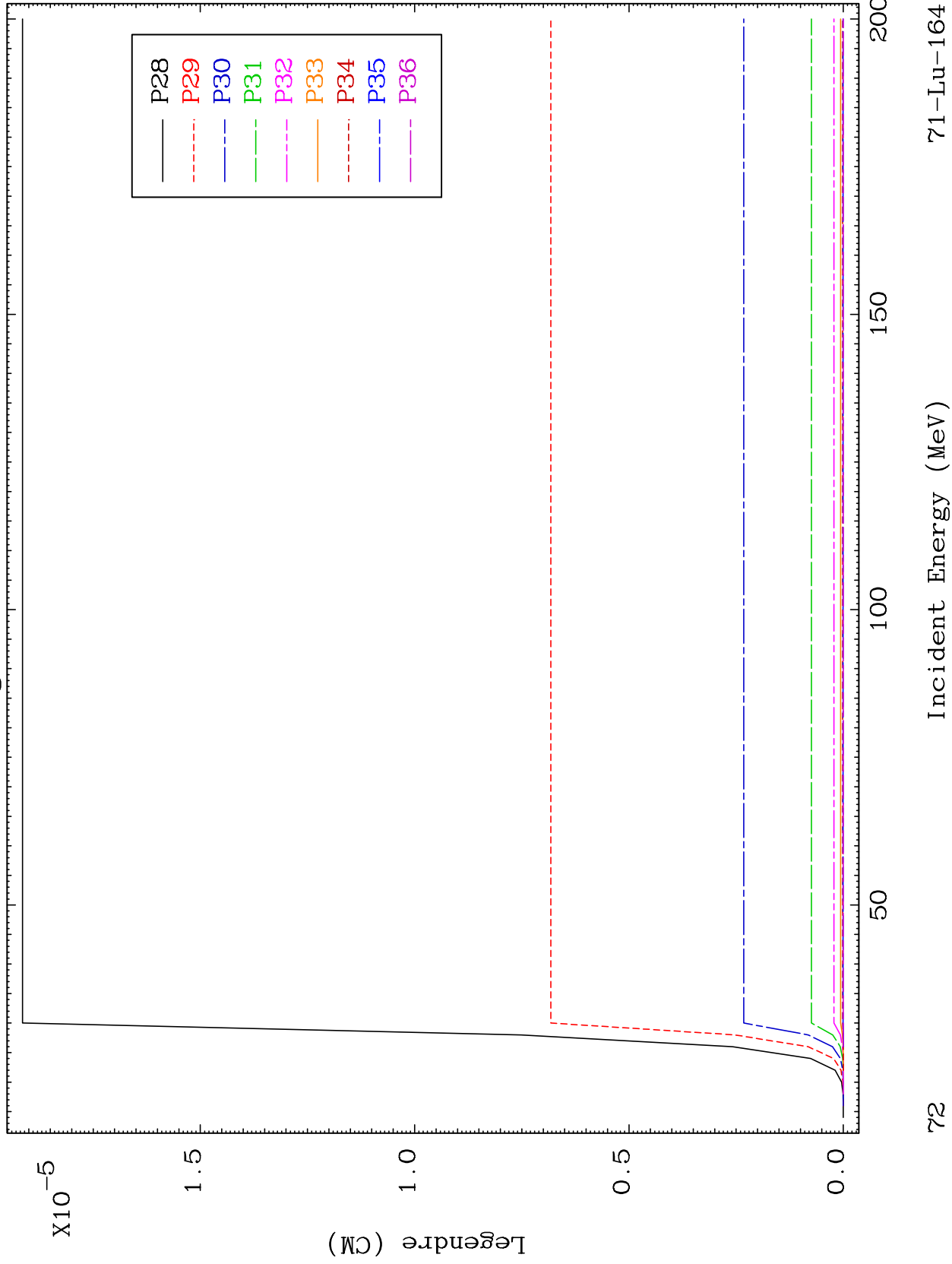
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

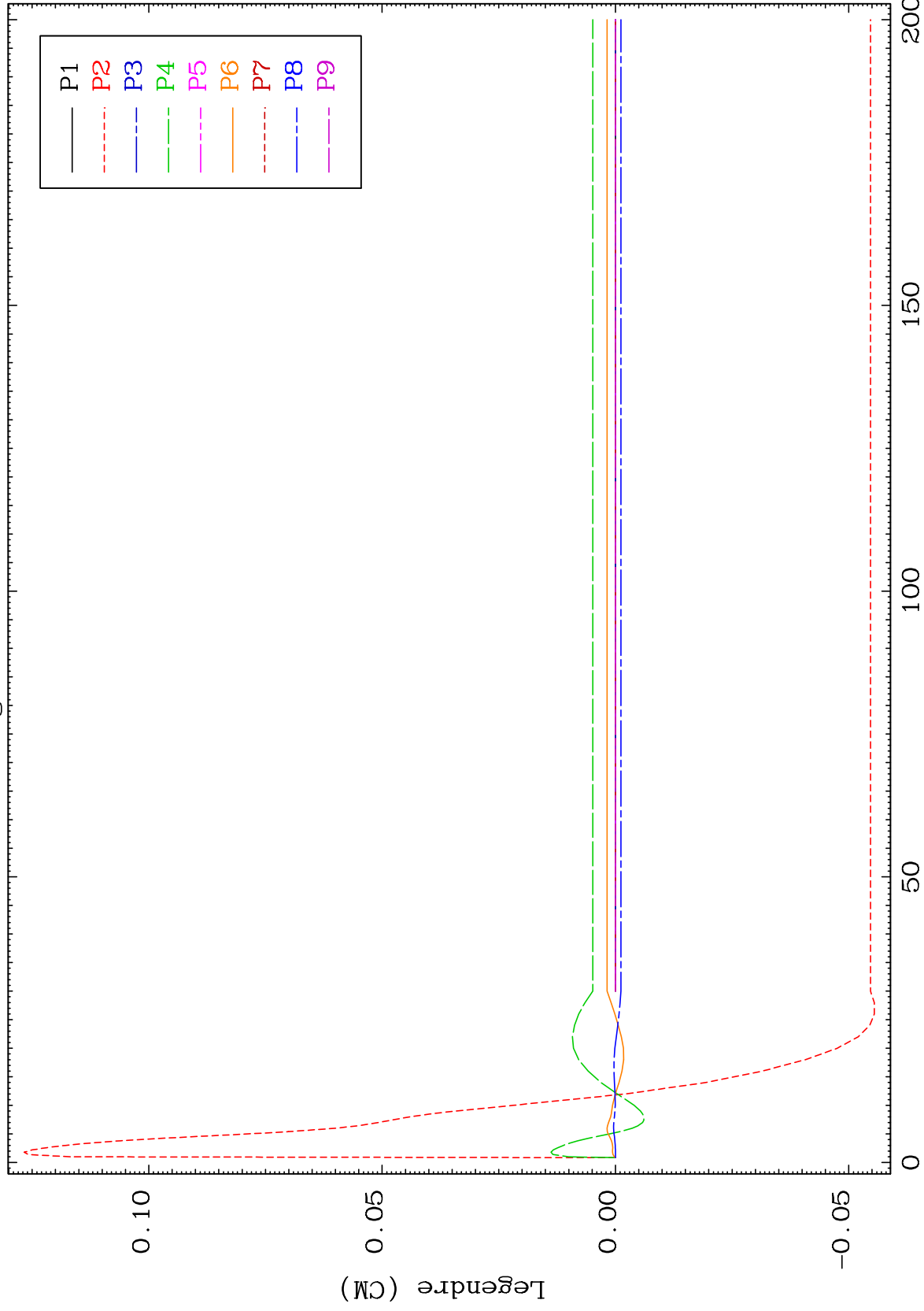
71-Lu-164



MAT 7092

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

71-Lu-164



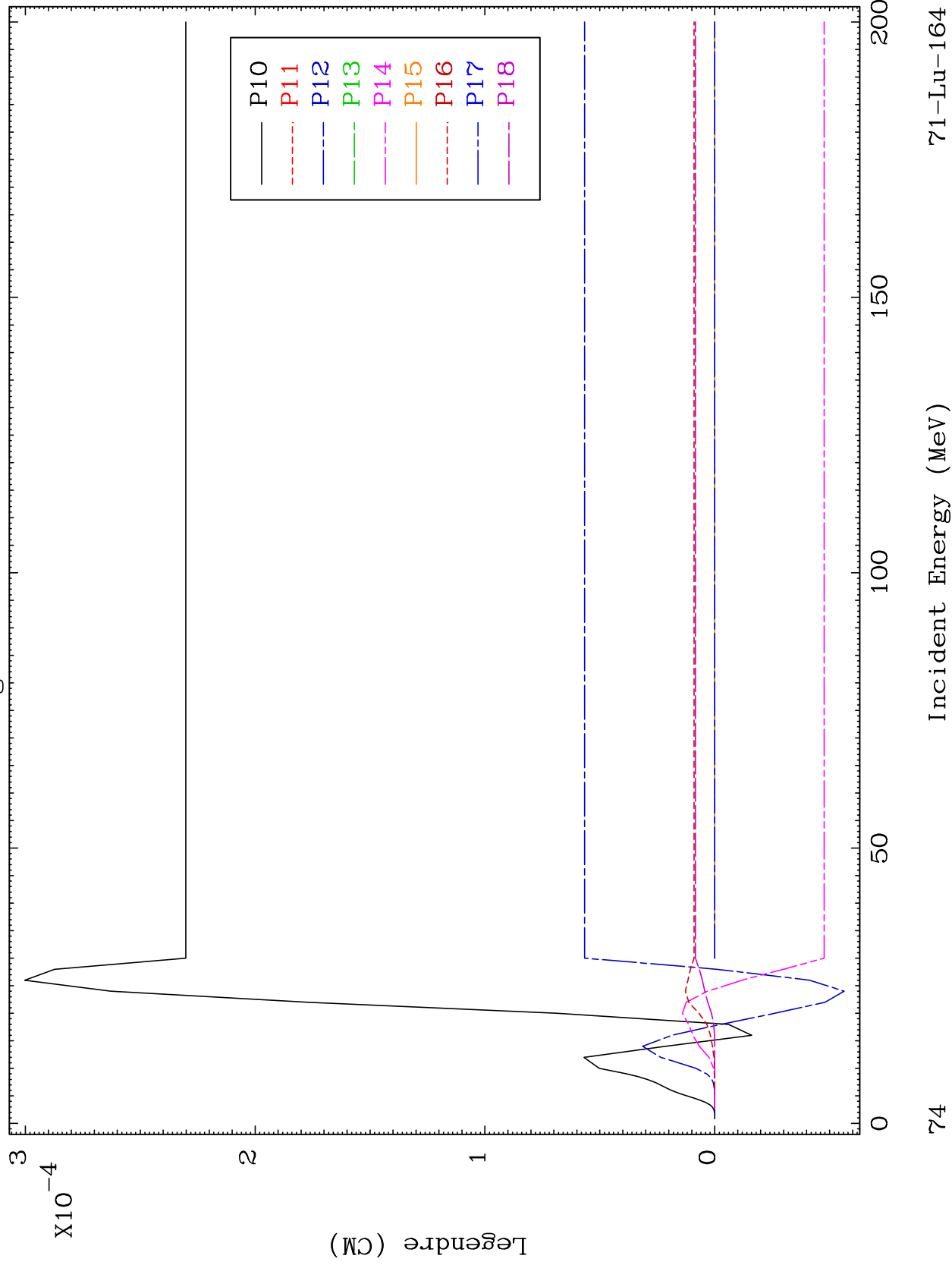
73

71-Lu-164

MAT 7092

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

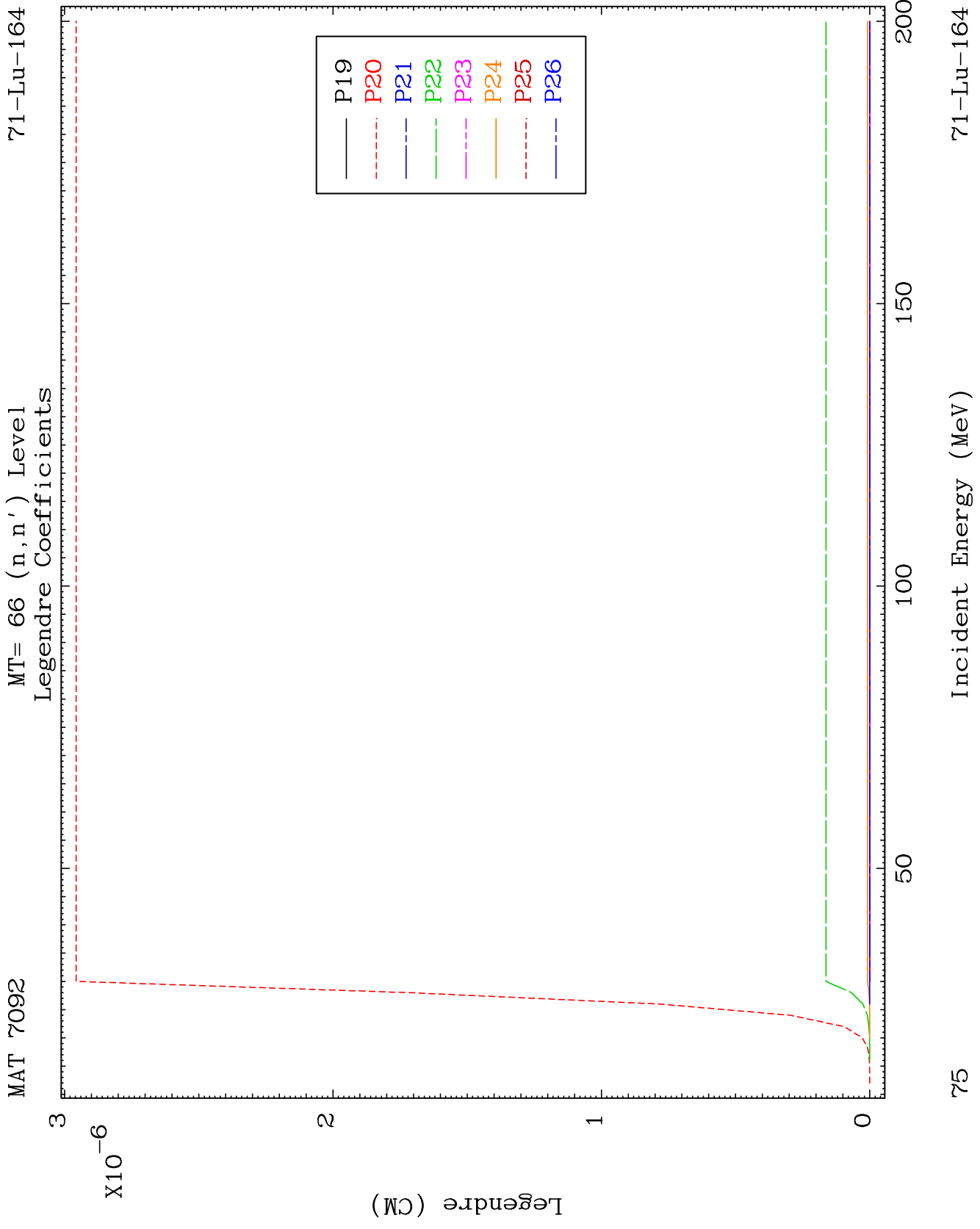
71-Lu-164

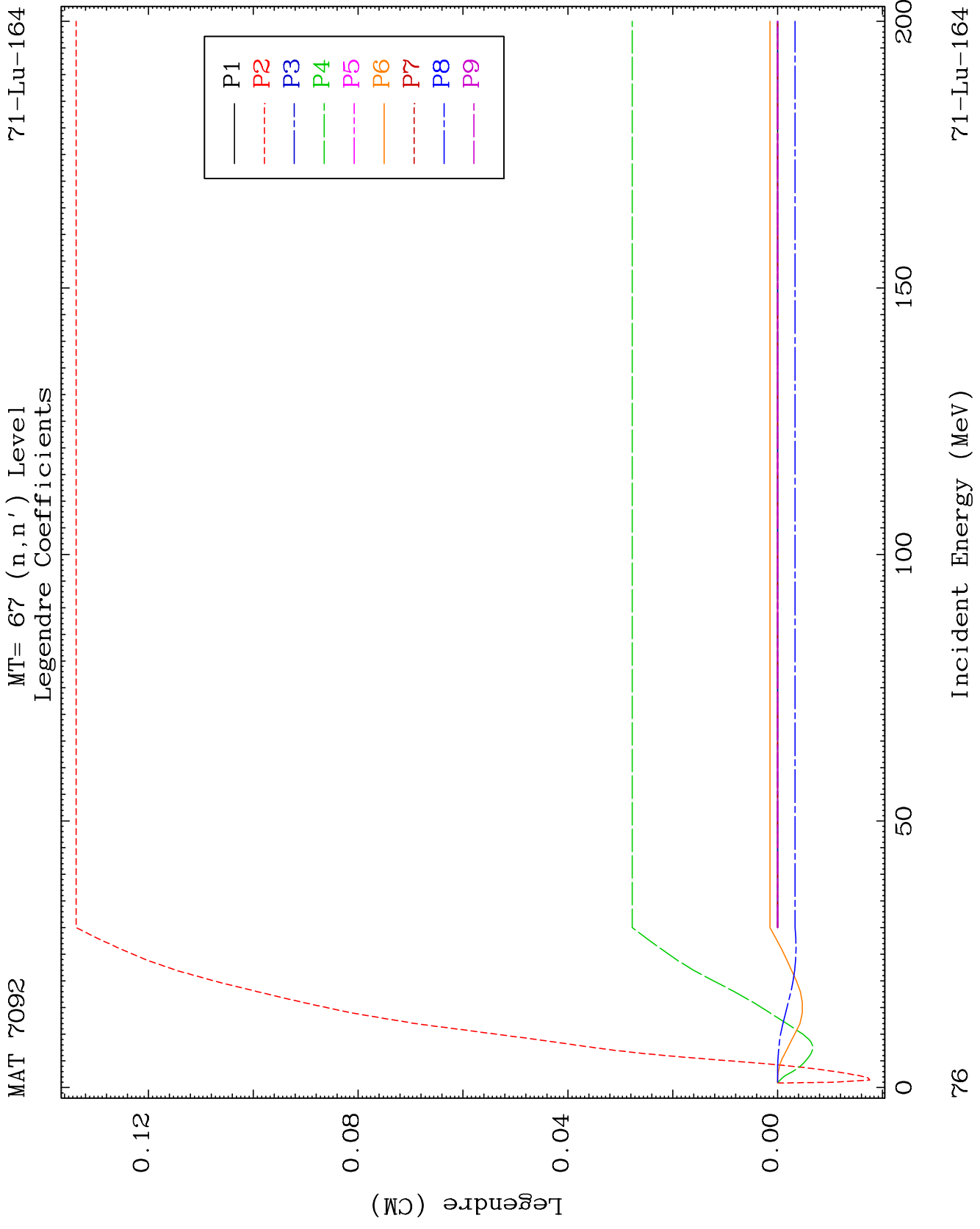


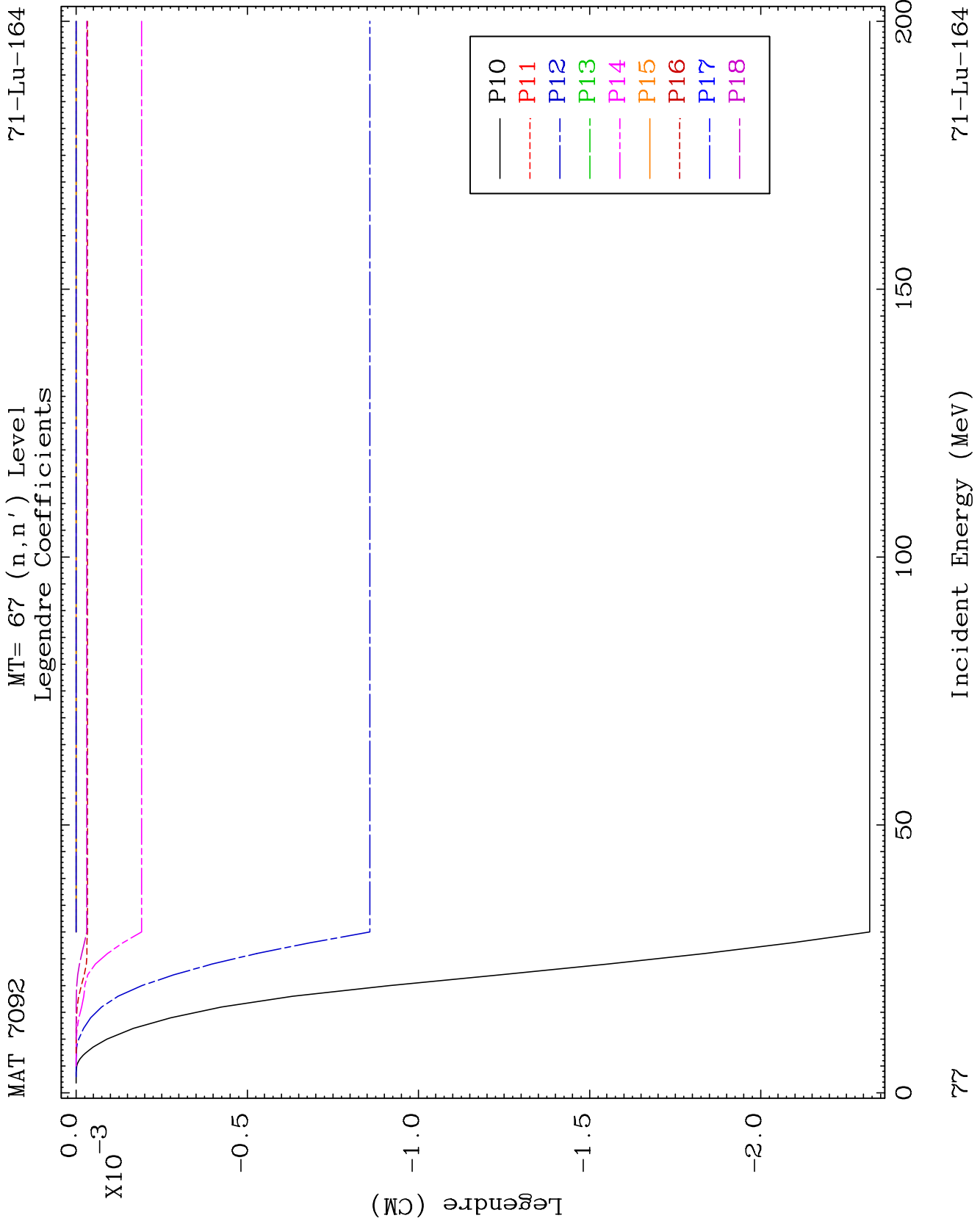
74

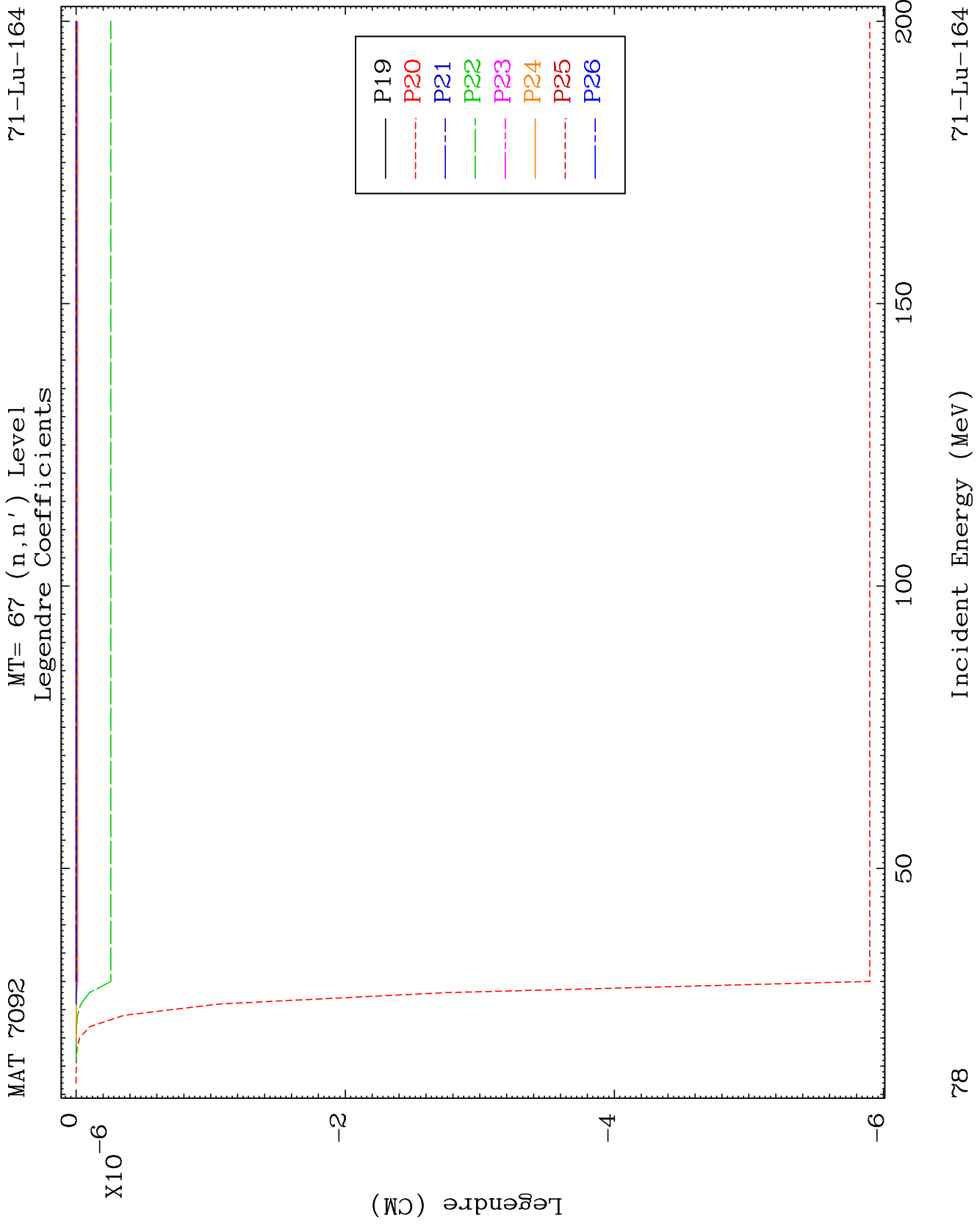
Incident Energy (MeV)

71-Lu-164





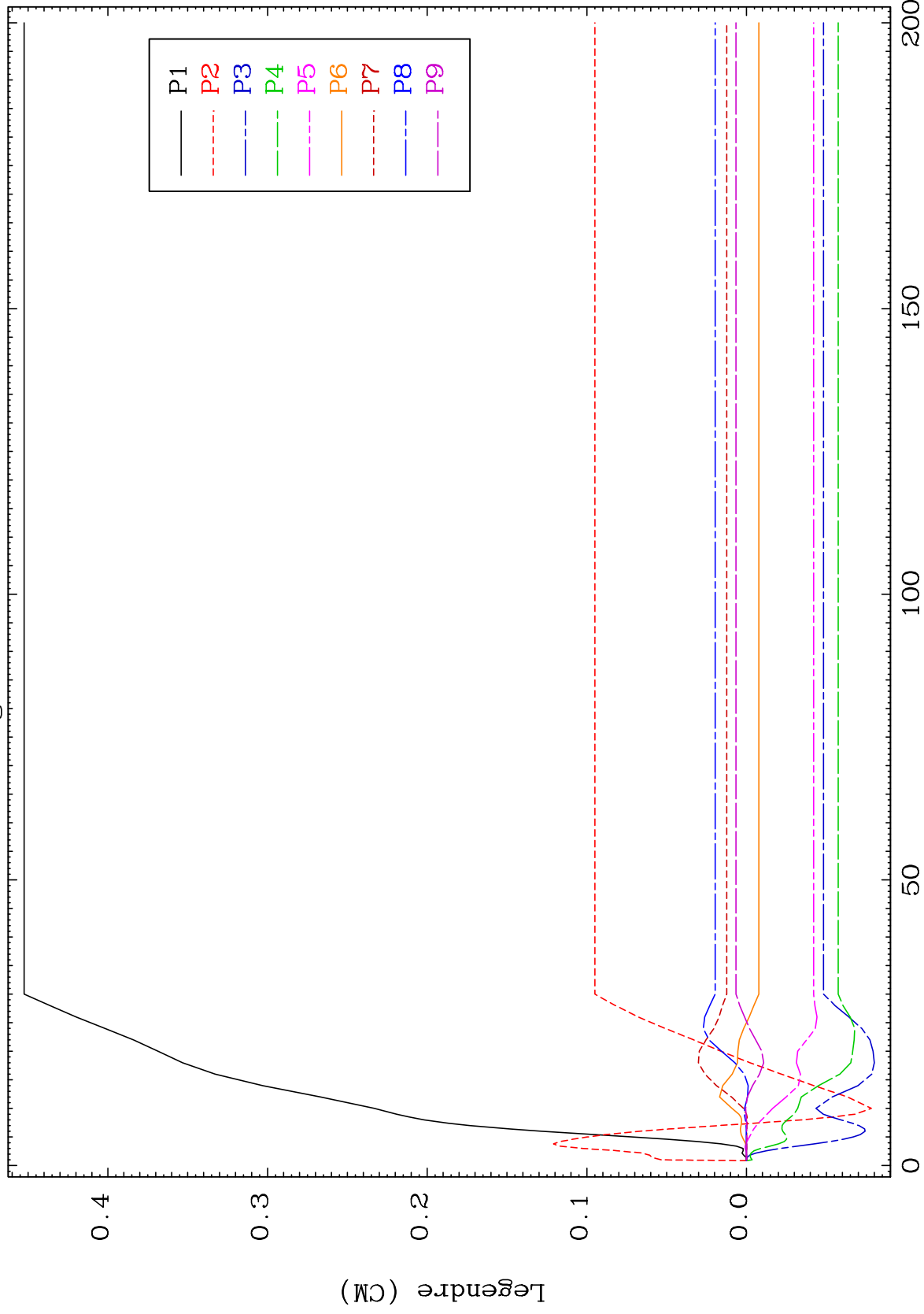




MAT 7092

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

71-Lu-164



79

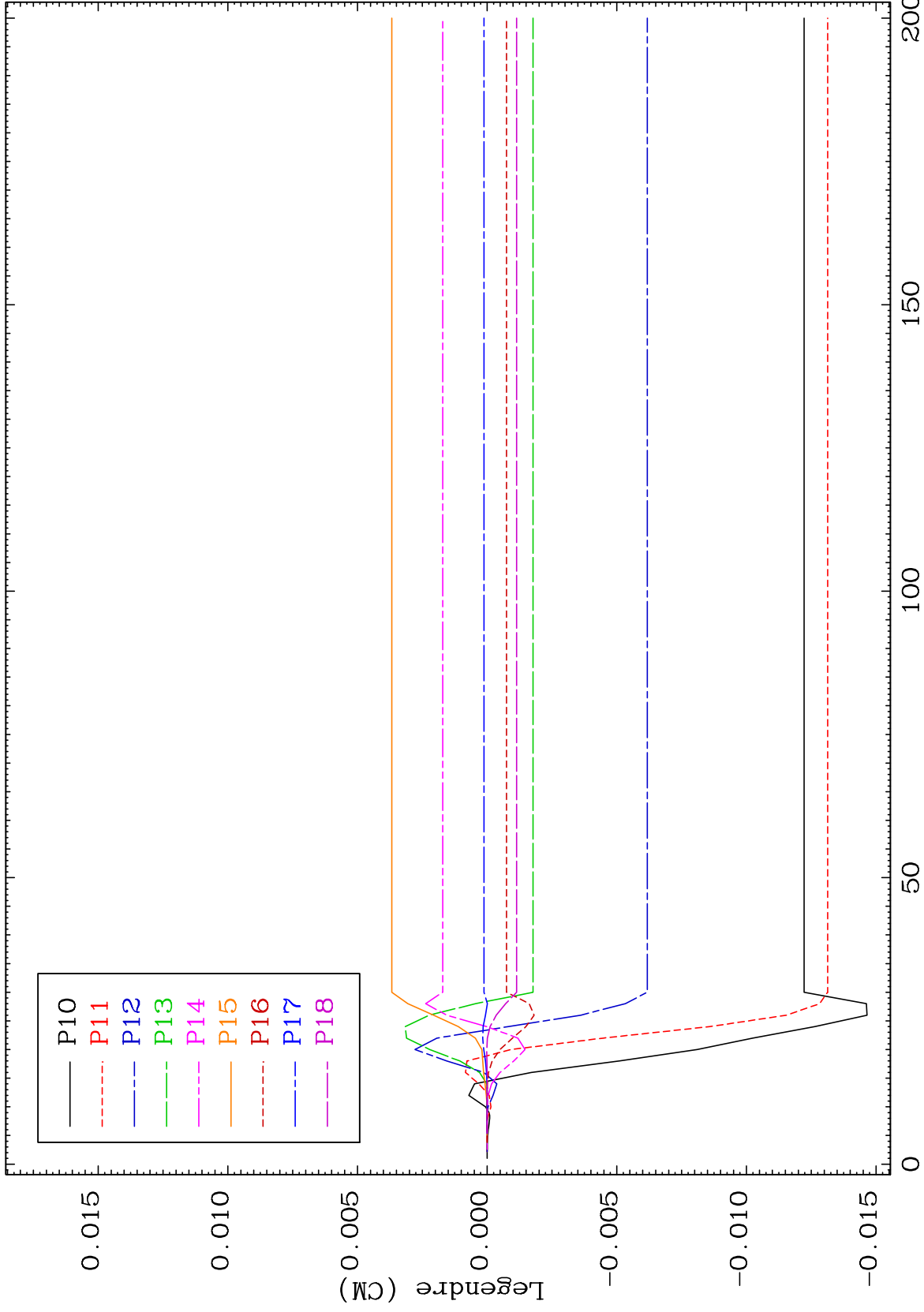
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

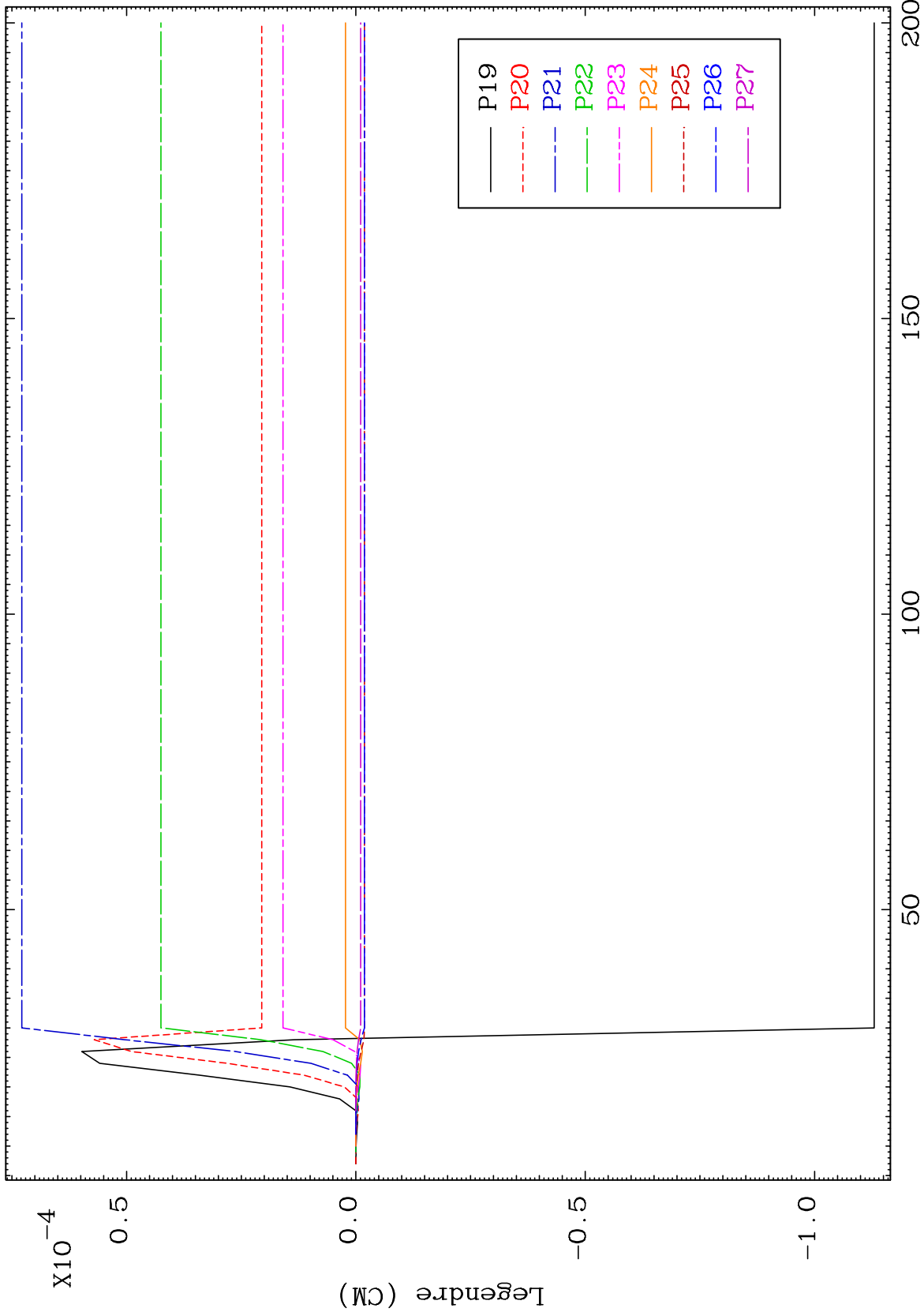
71-Lu-164

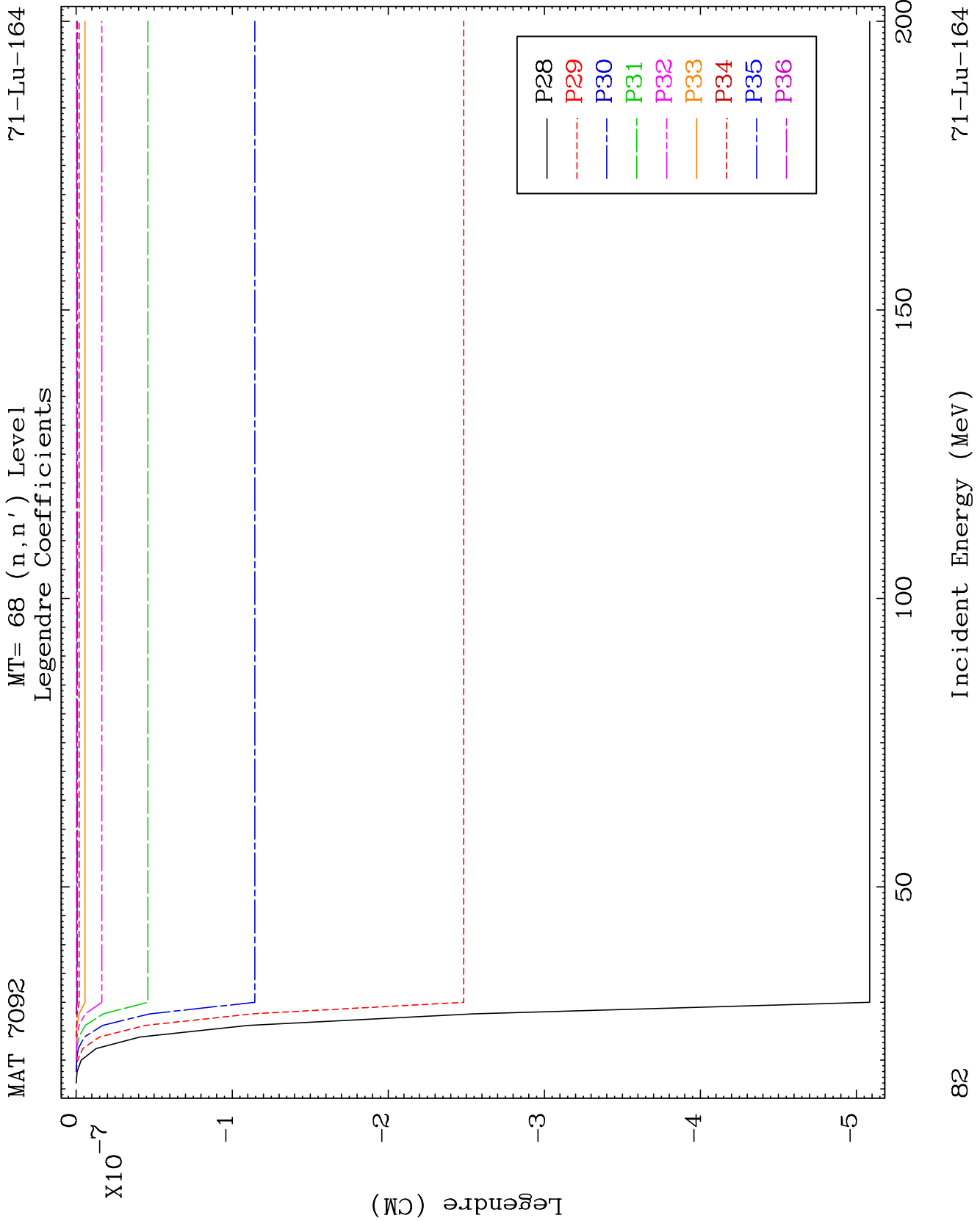


80

Incident Energy (MeV)

71-Lu-164

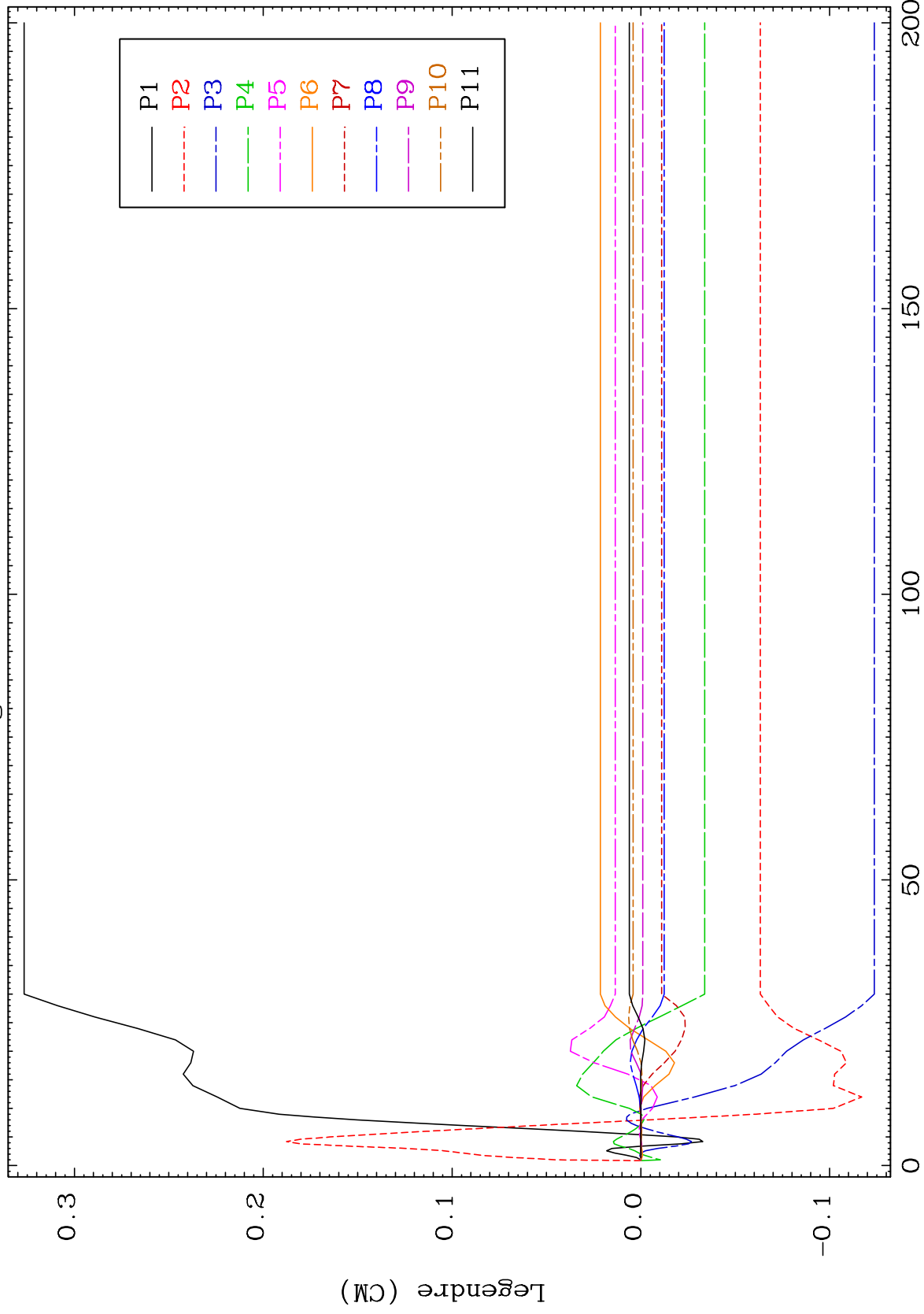




MAT 7092

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

71-Lu-164



83

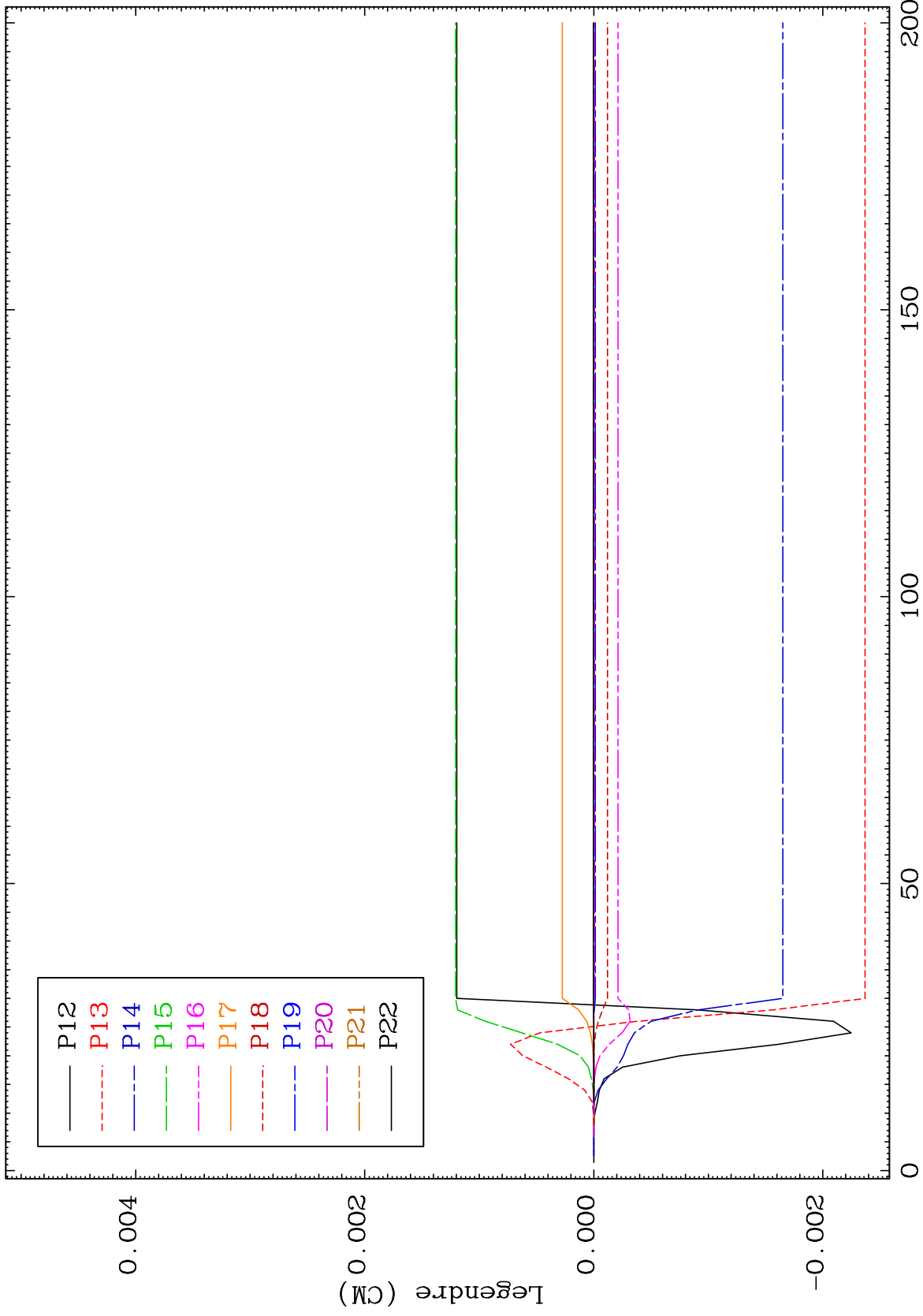
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



84

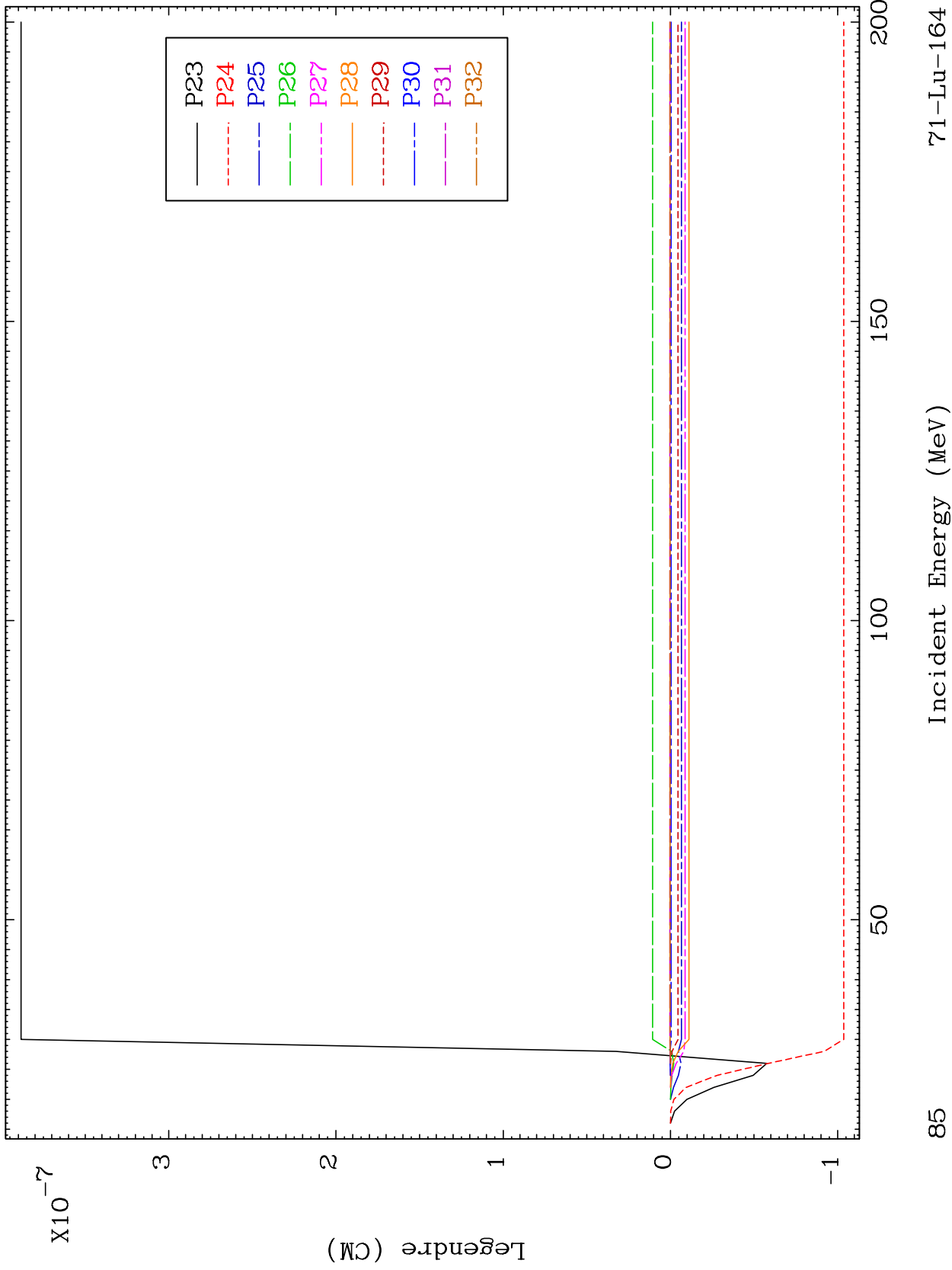
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



85

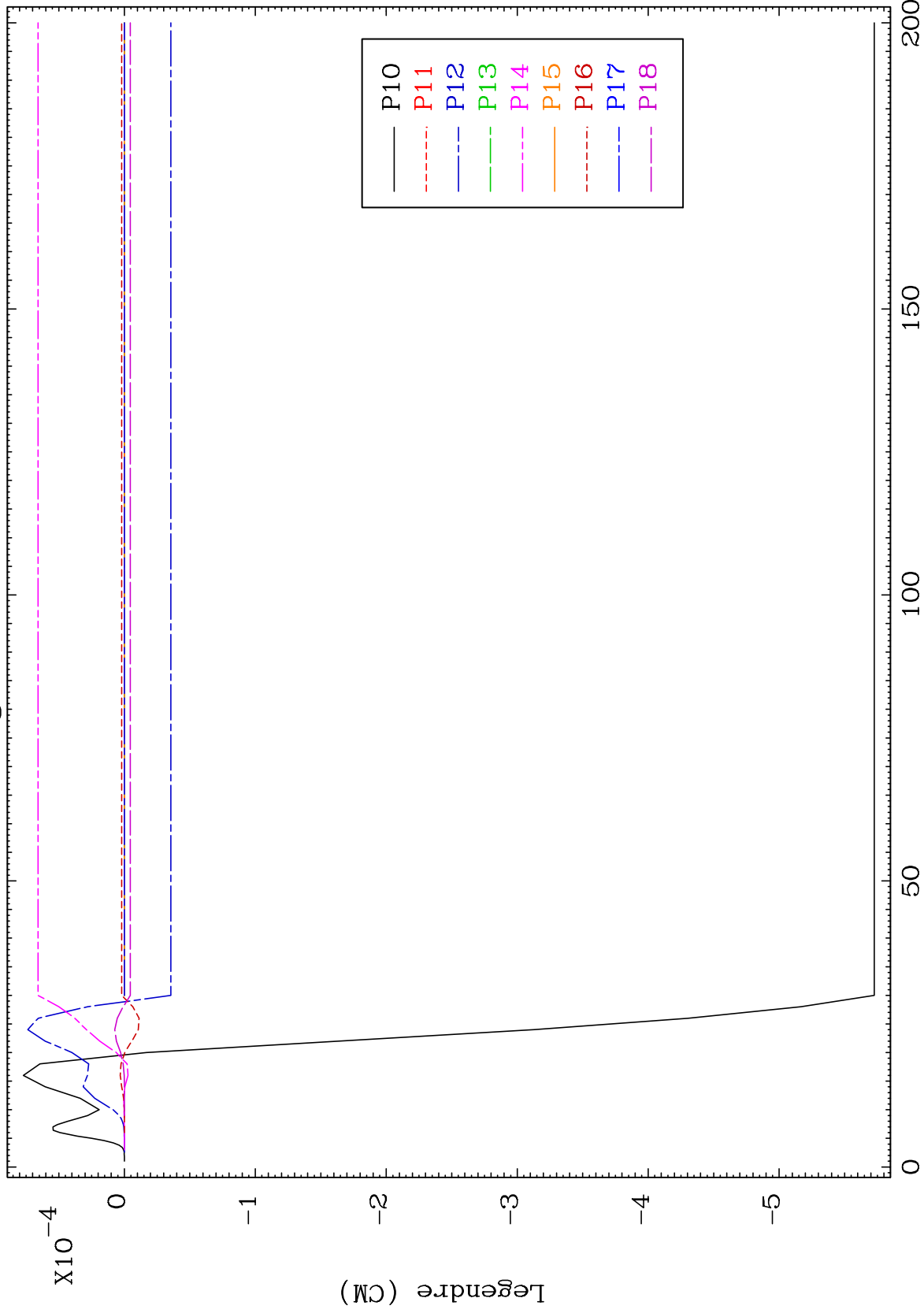
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

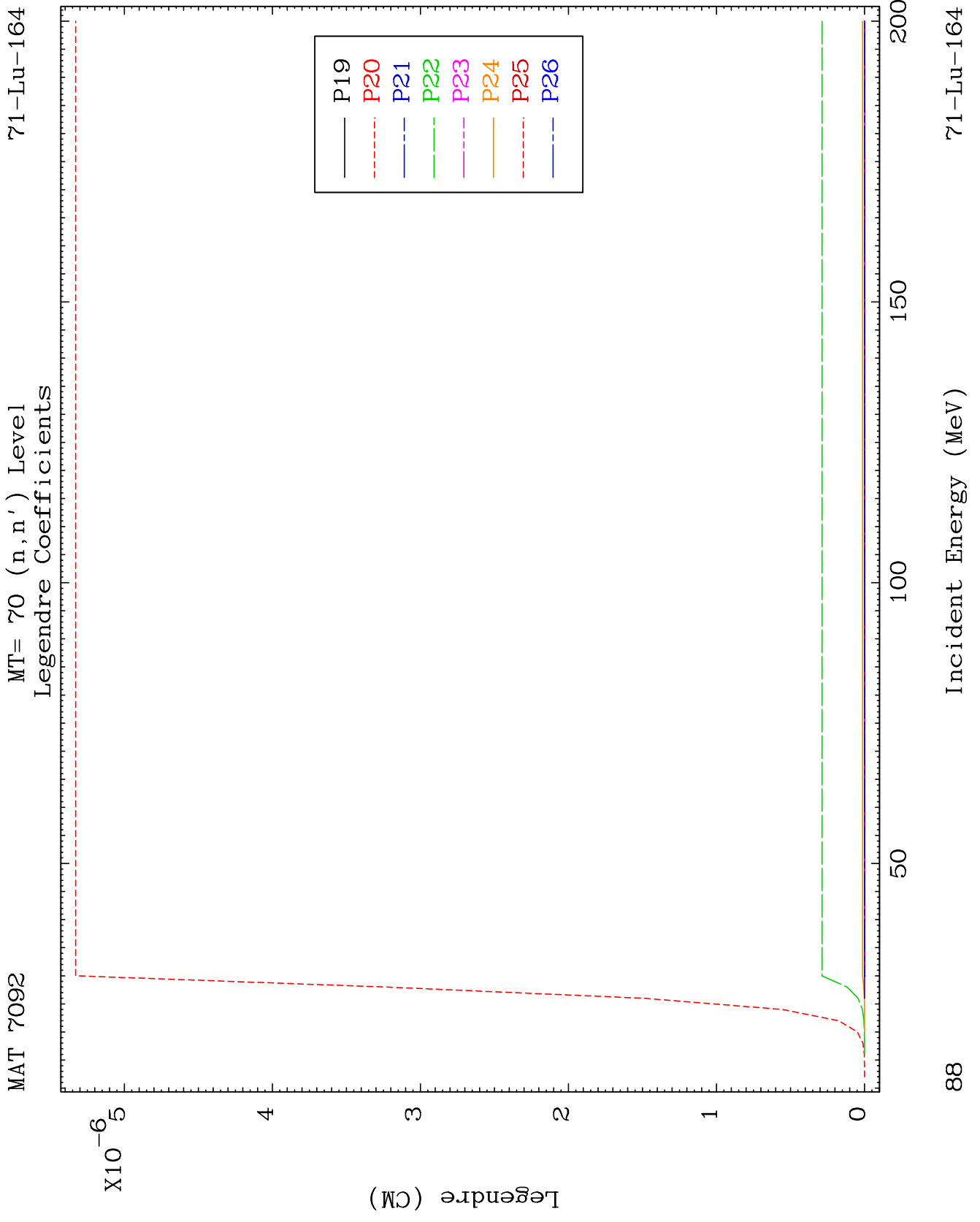
71-Lu-164



87

Incident Energy (MeV)

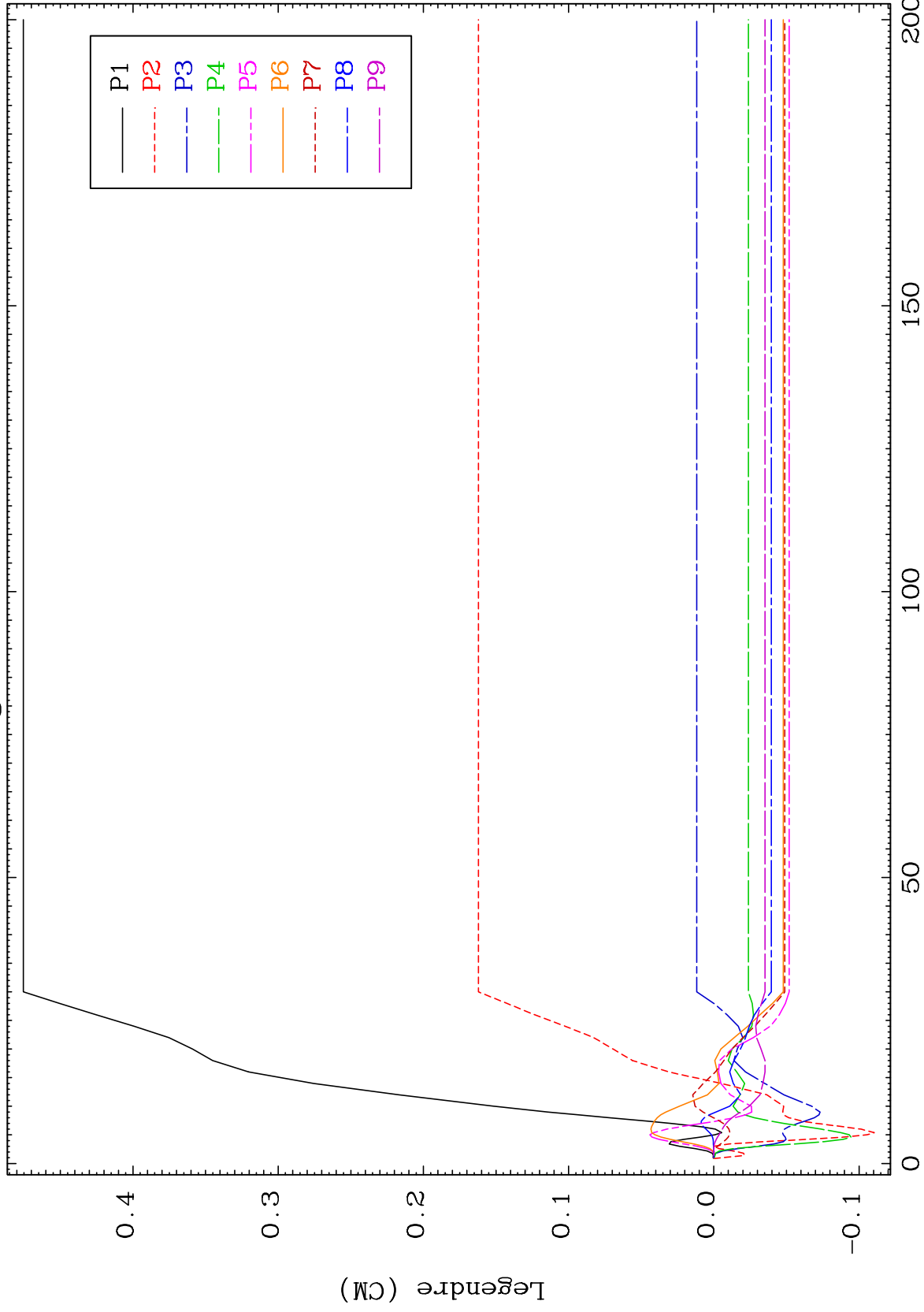
71-Lu-164



MAT 7092

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

71-Lu-164



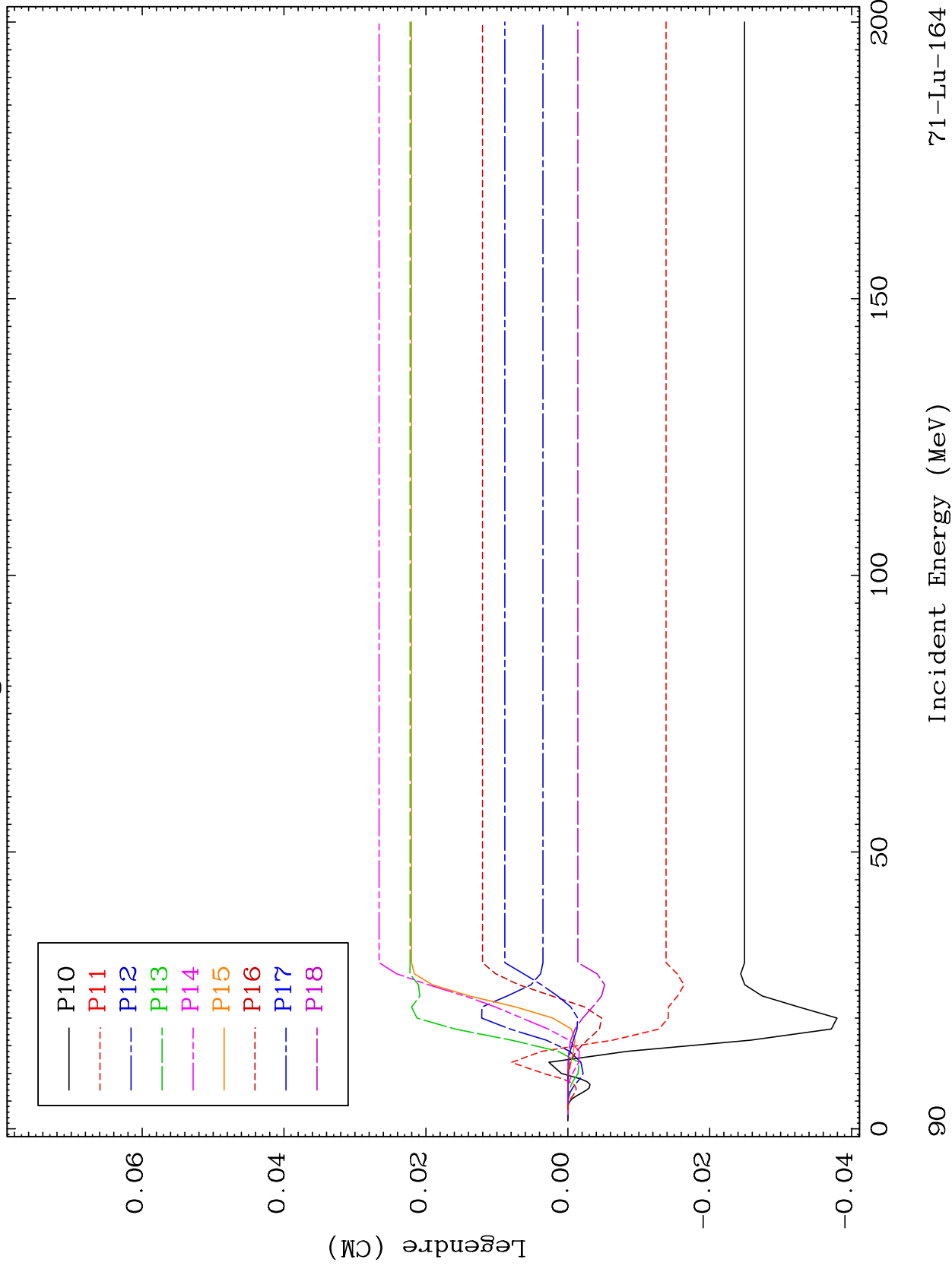
89

71-Lu-164

MAT 7092

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

71-Lu-164



71-Lu-164

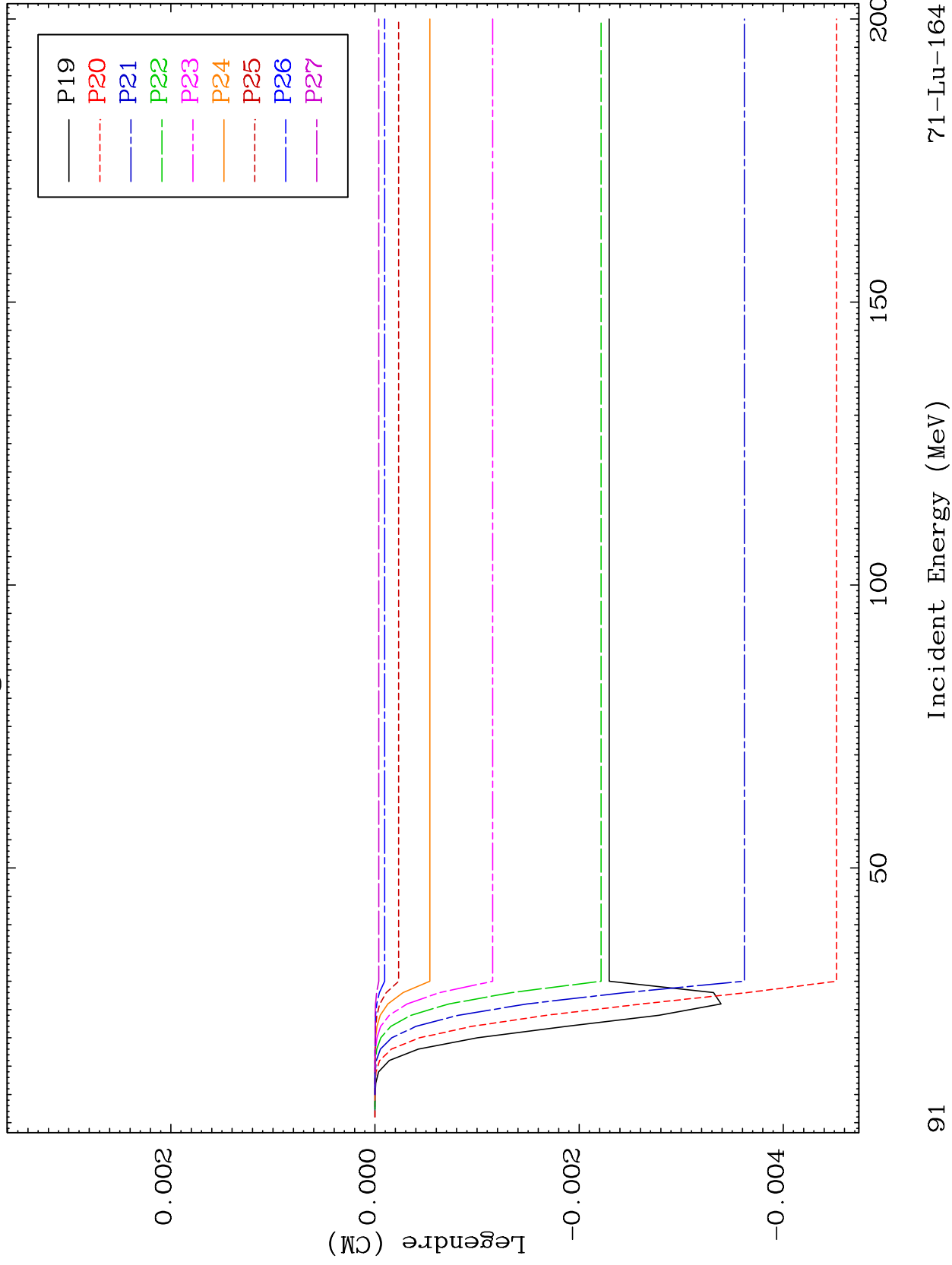
Incident Energy (MeV)

90

MAT 7092

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

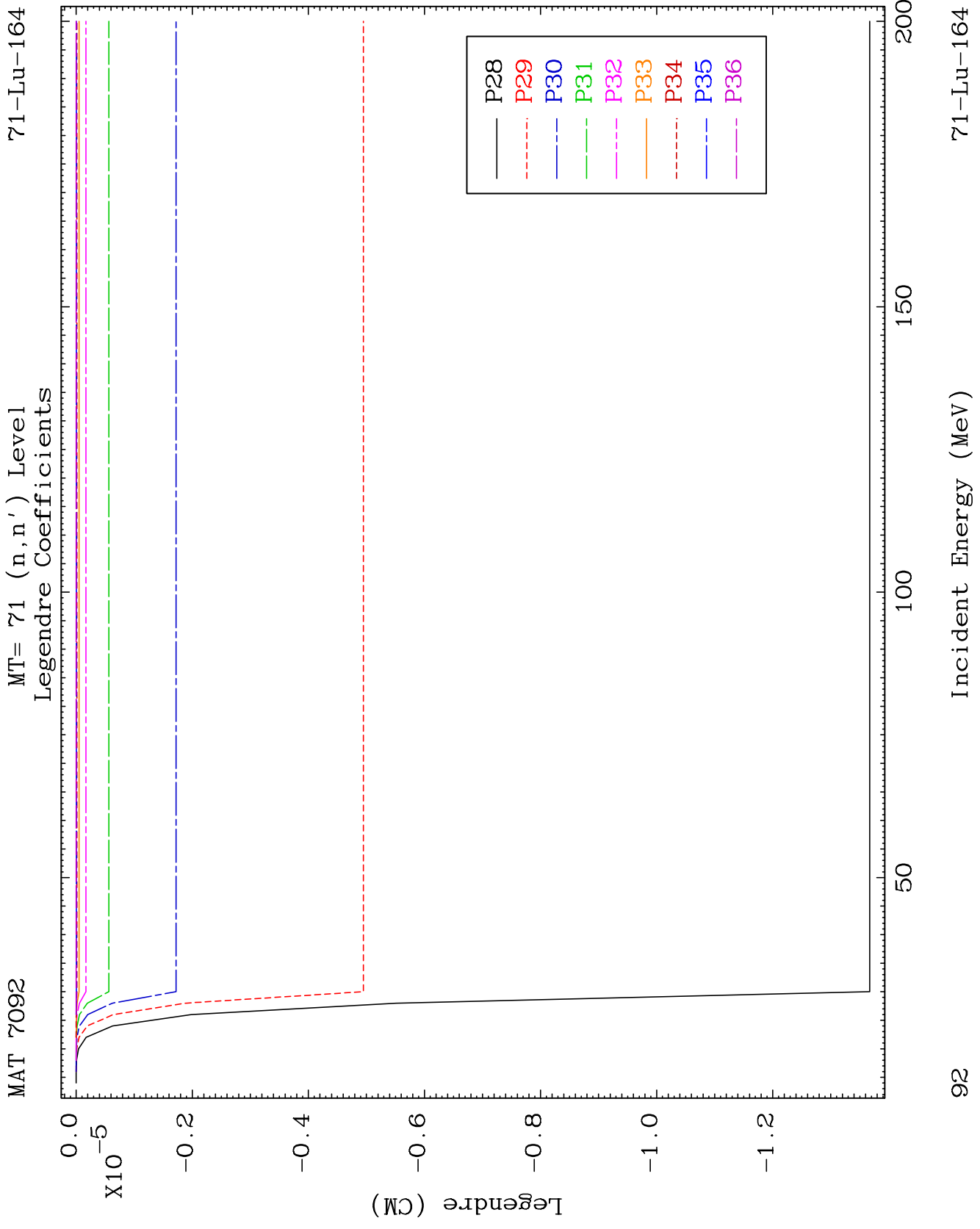
71-Lu-164



91

Incident Energy (MeV)

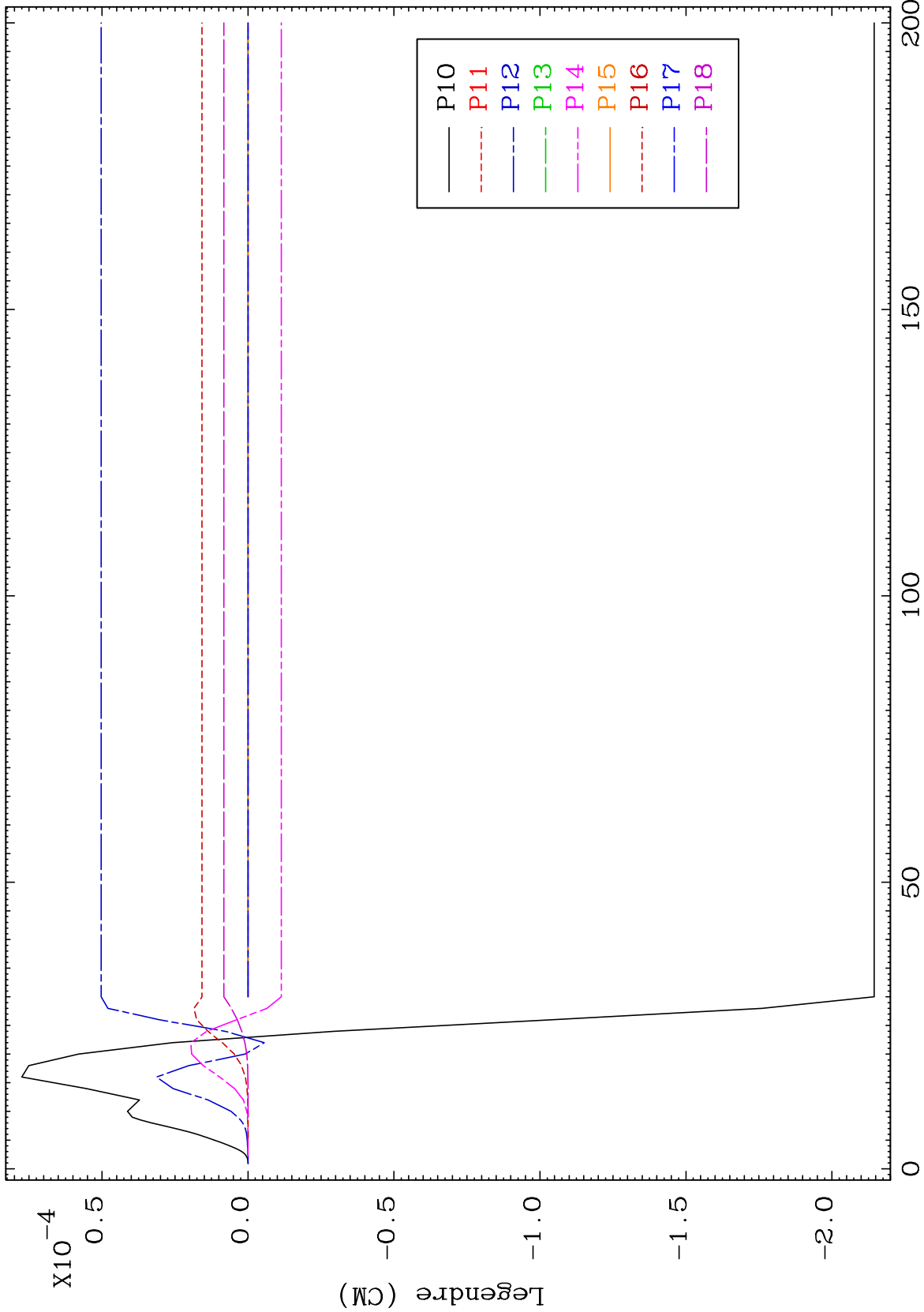
71-Lu-164



MAT 7092

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

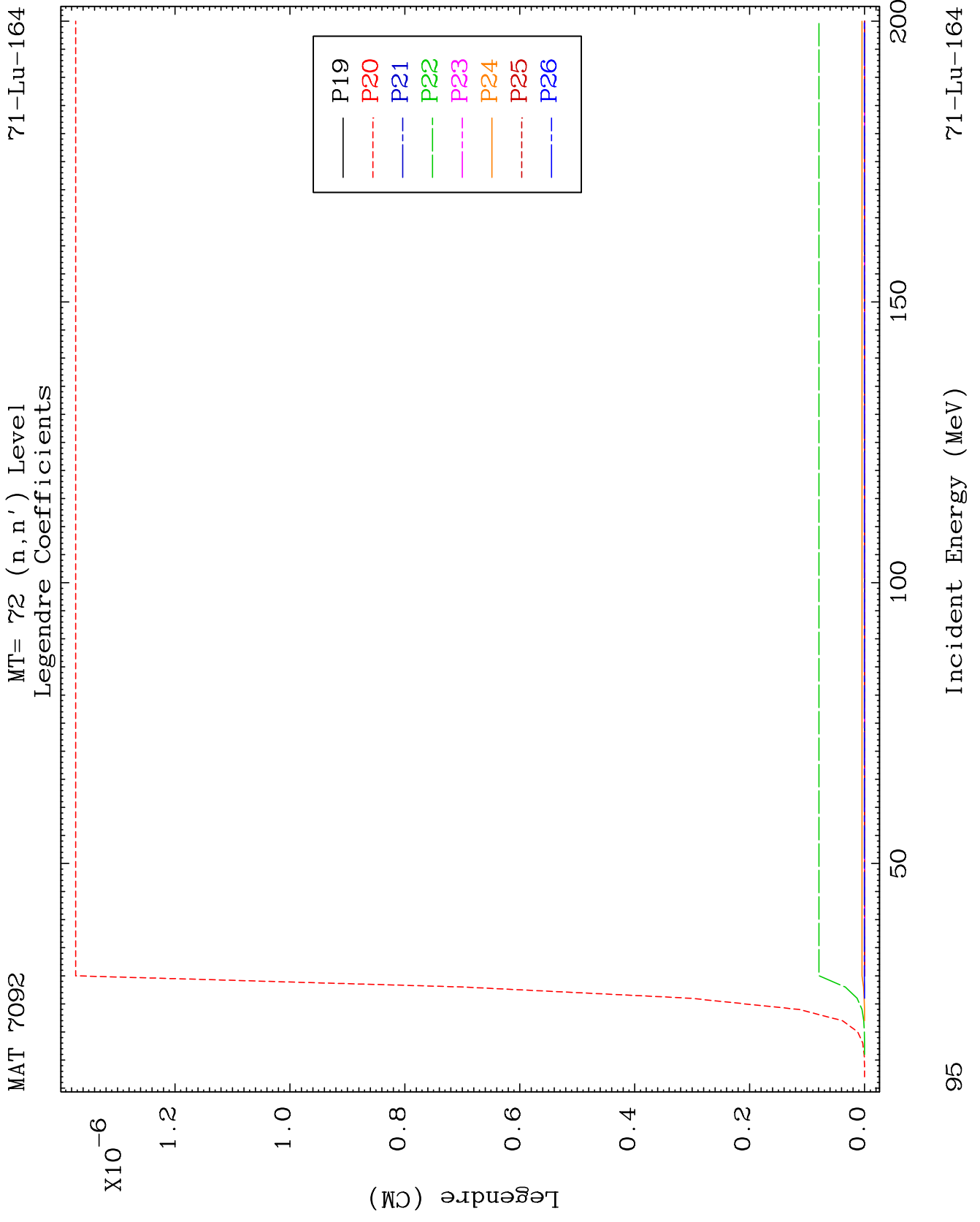
71-Lu-164



94

Incident Energy (MeV)

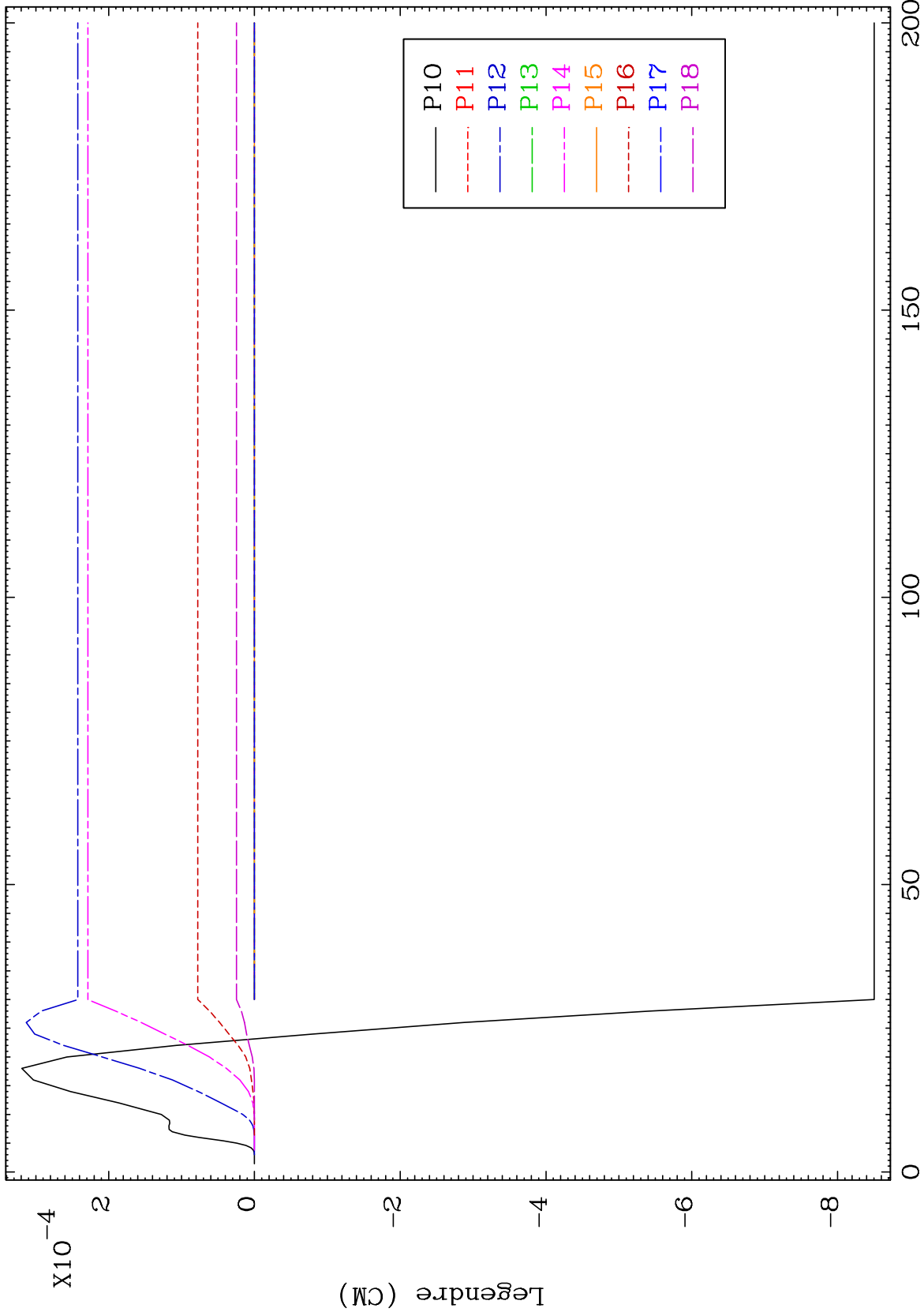
71-Lu-164



MAT 7092

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

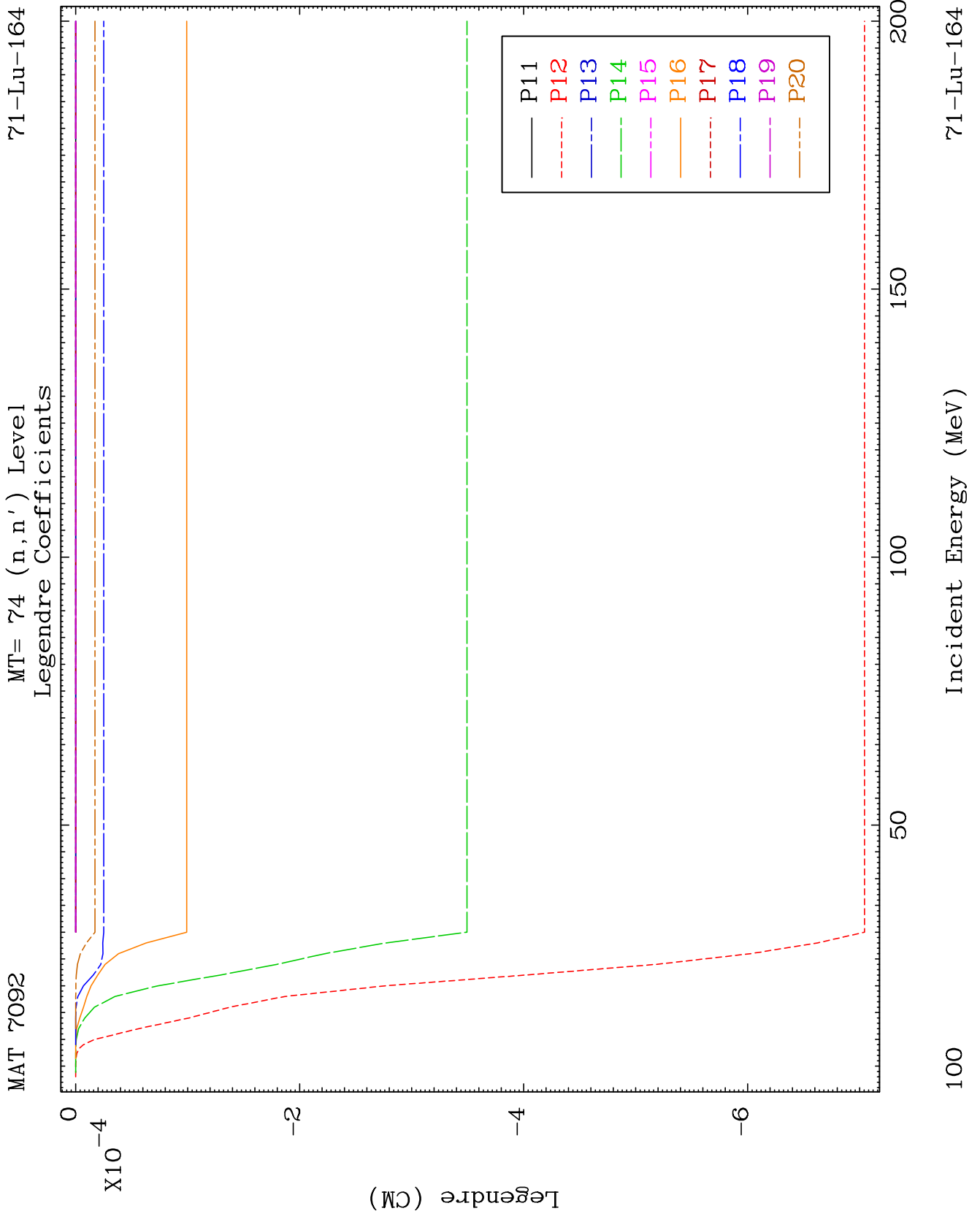
71-Lu-164

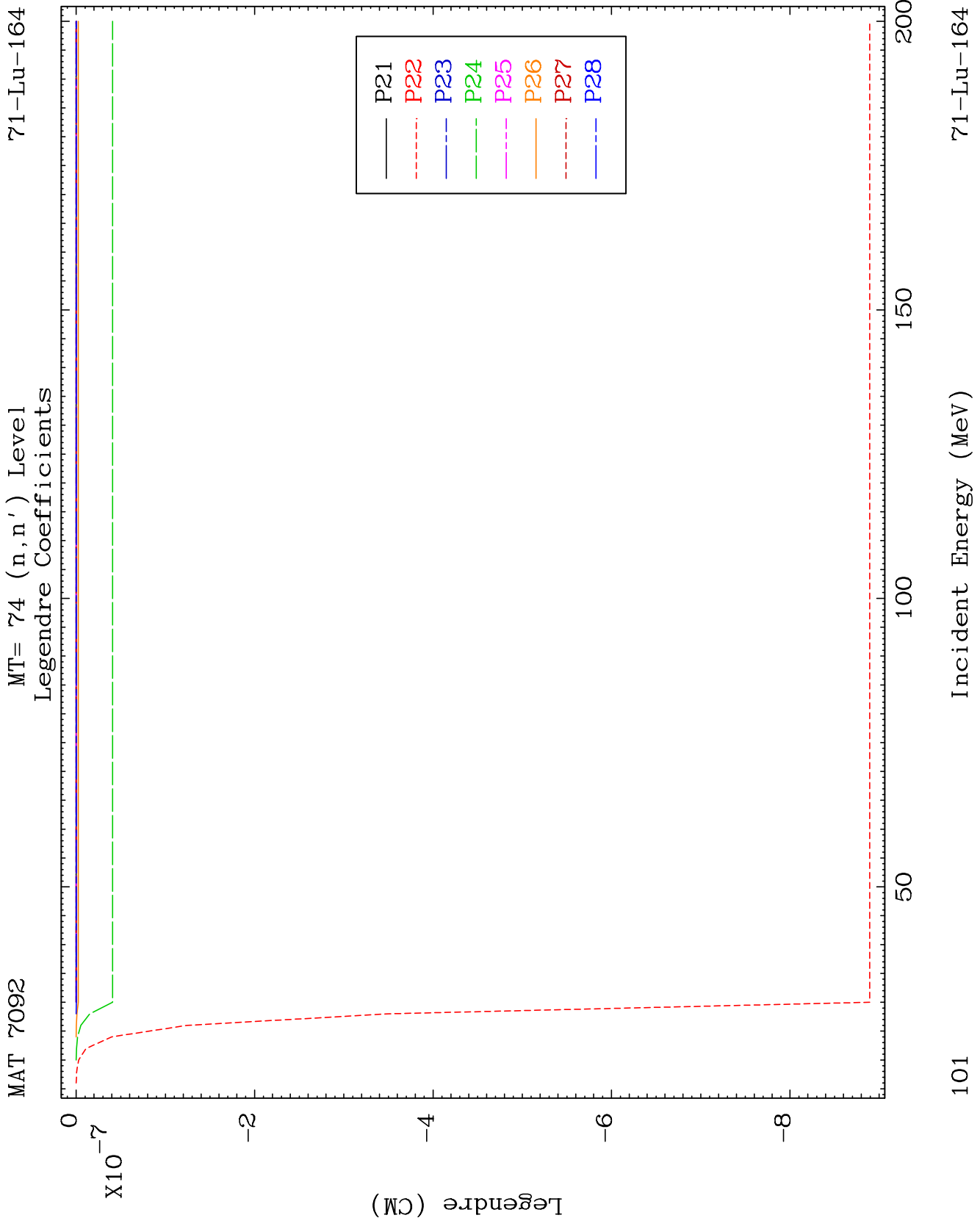


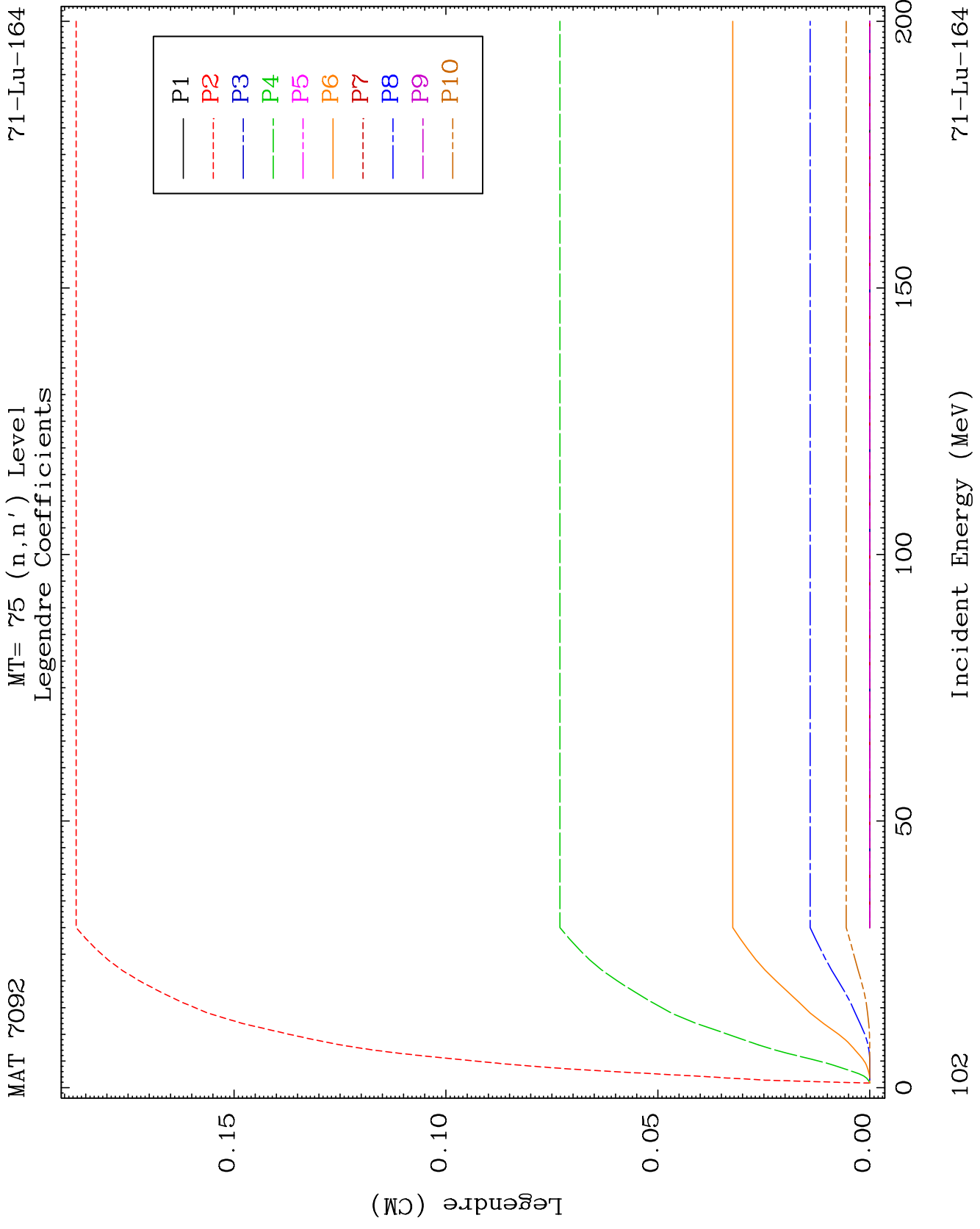
97

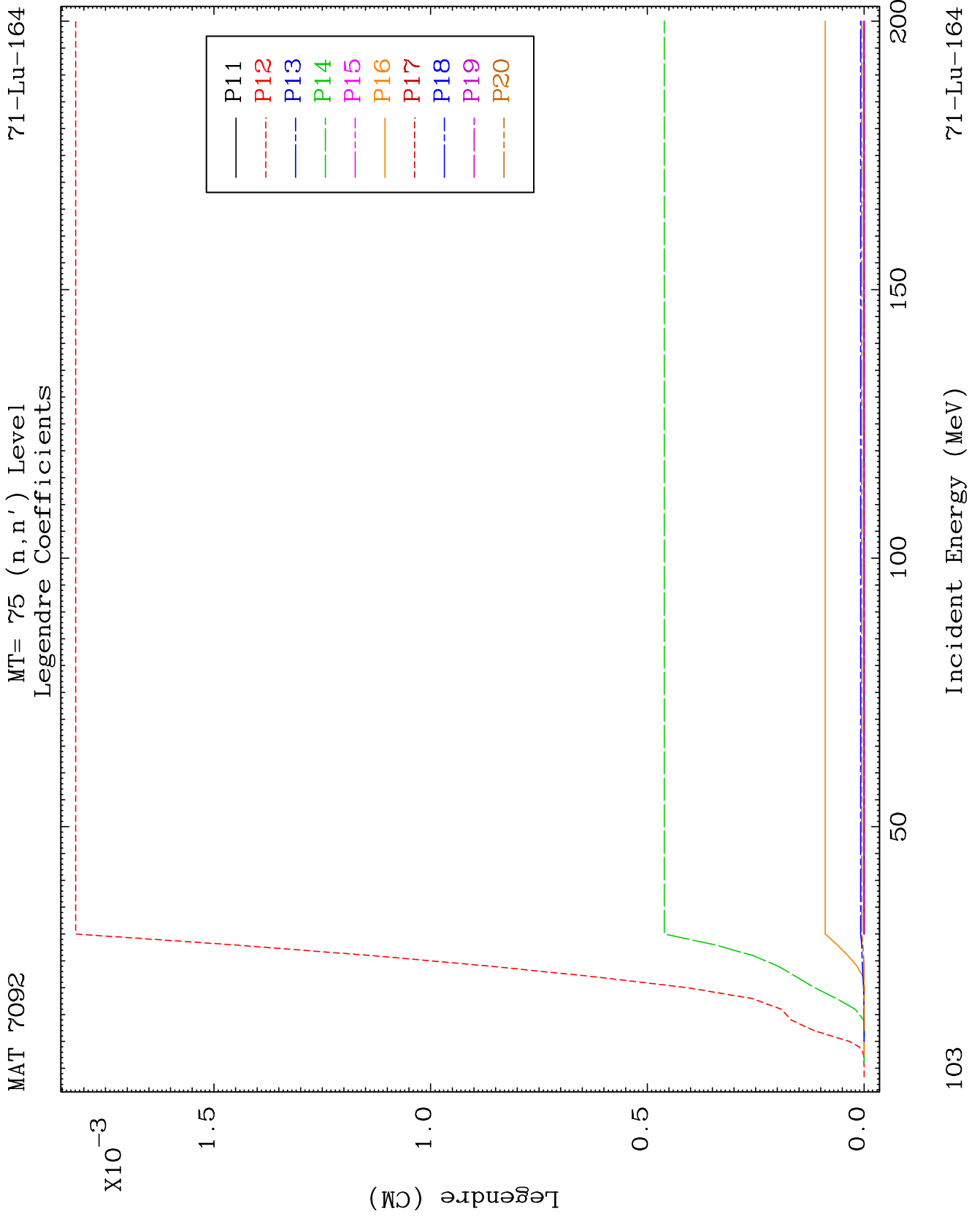
Incident Energy (MeV)

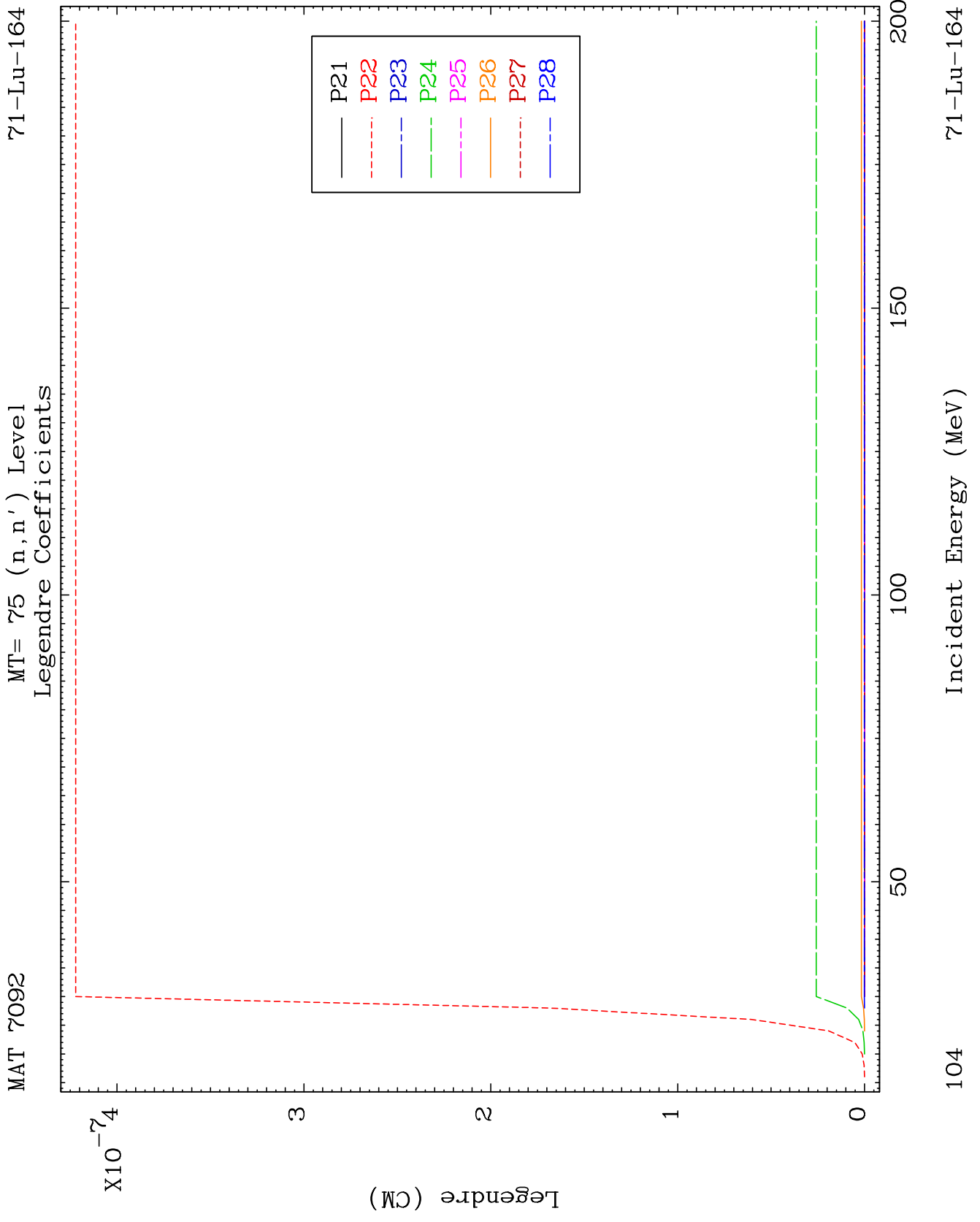
71-Lu-164

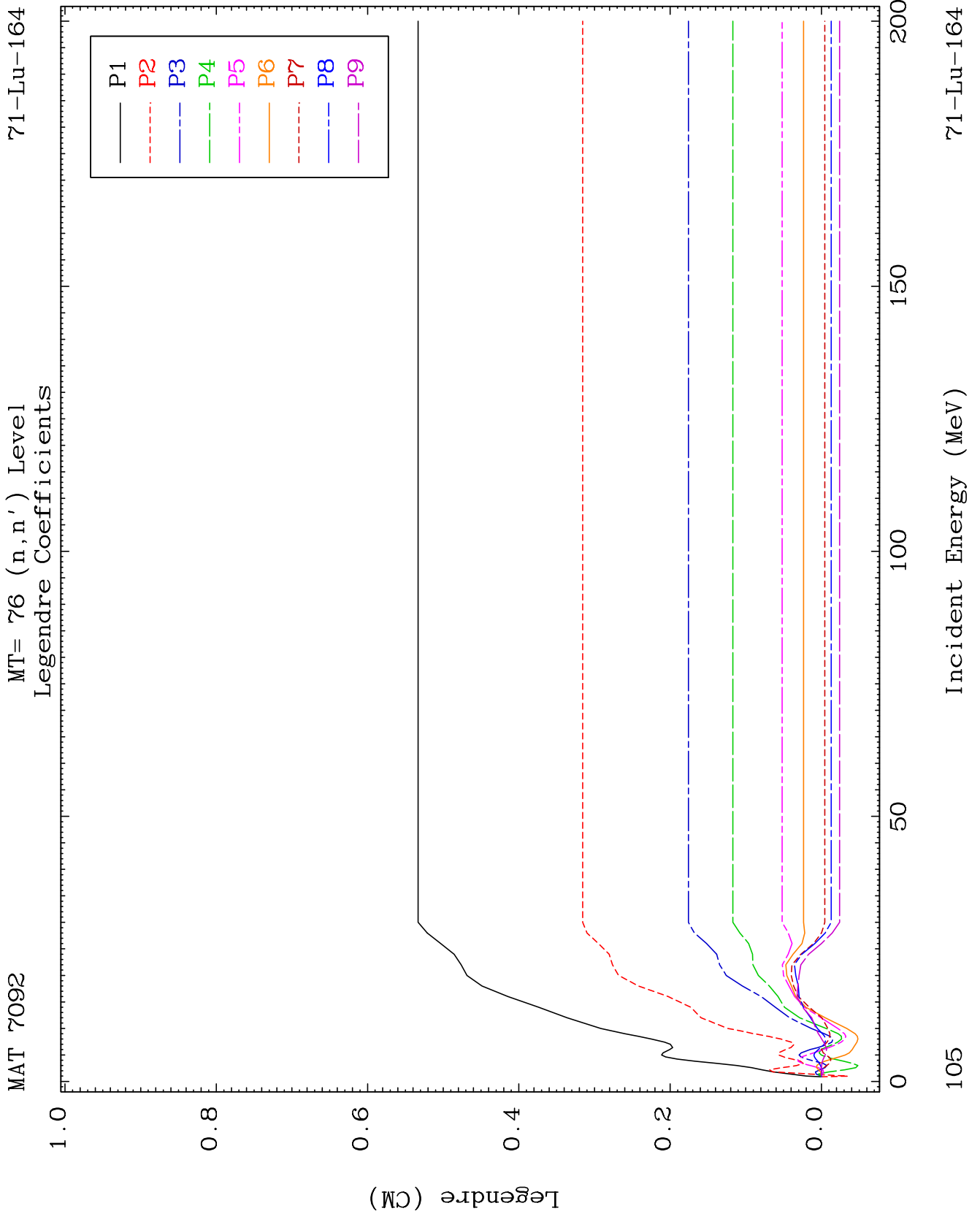








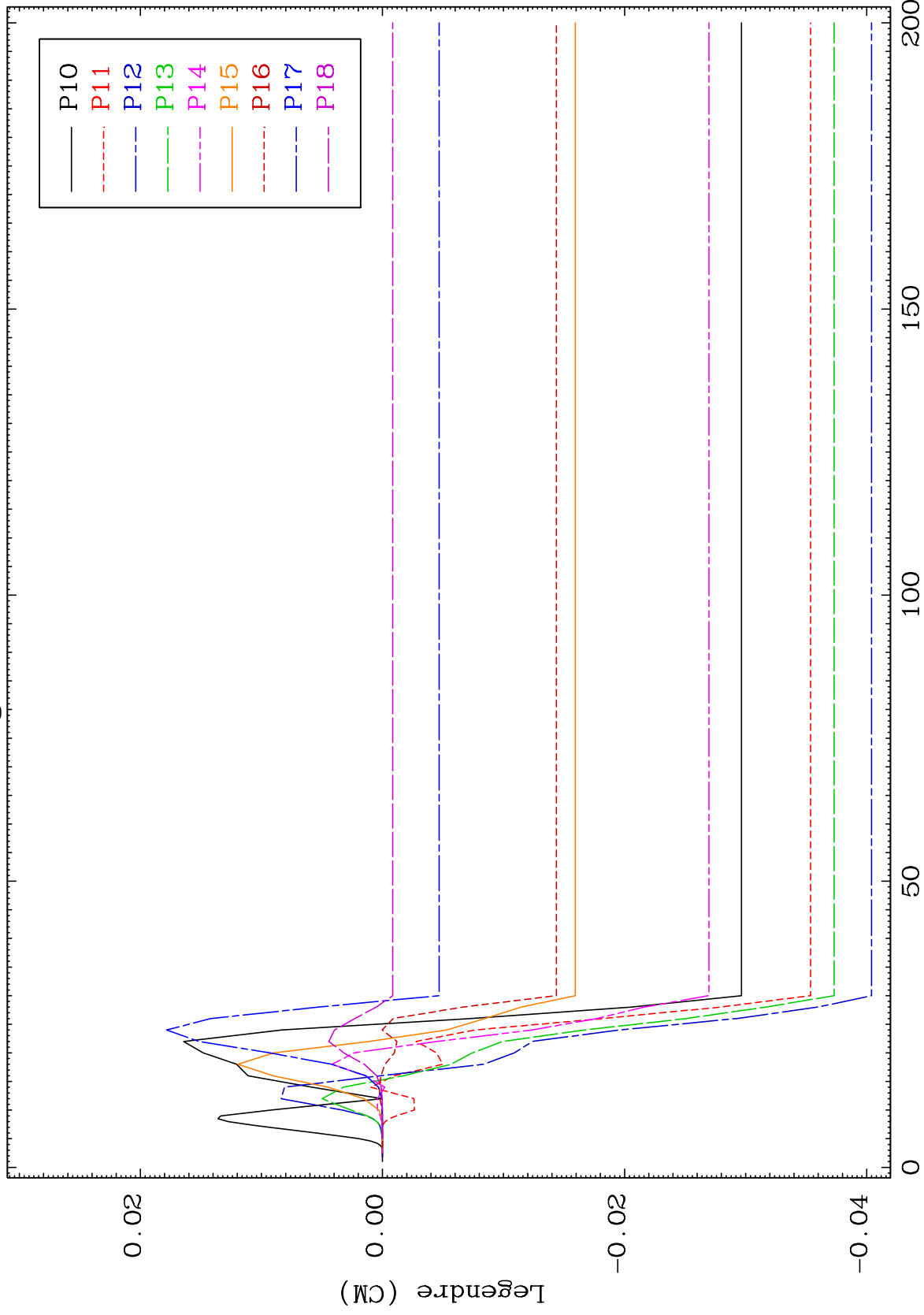




MAT 7092

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

71-Lu-164



106

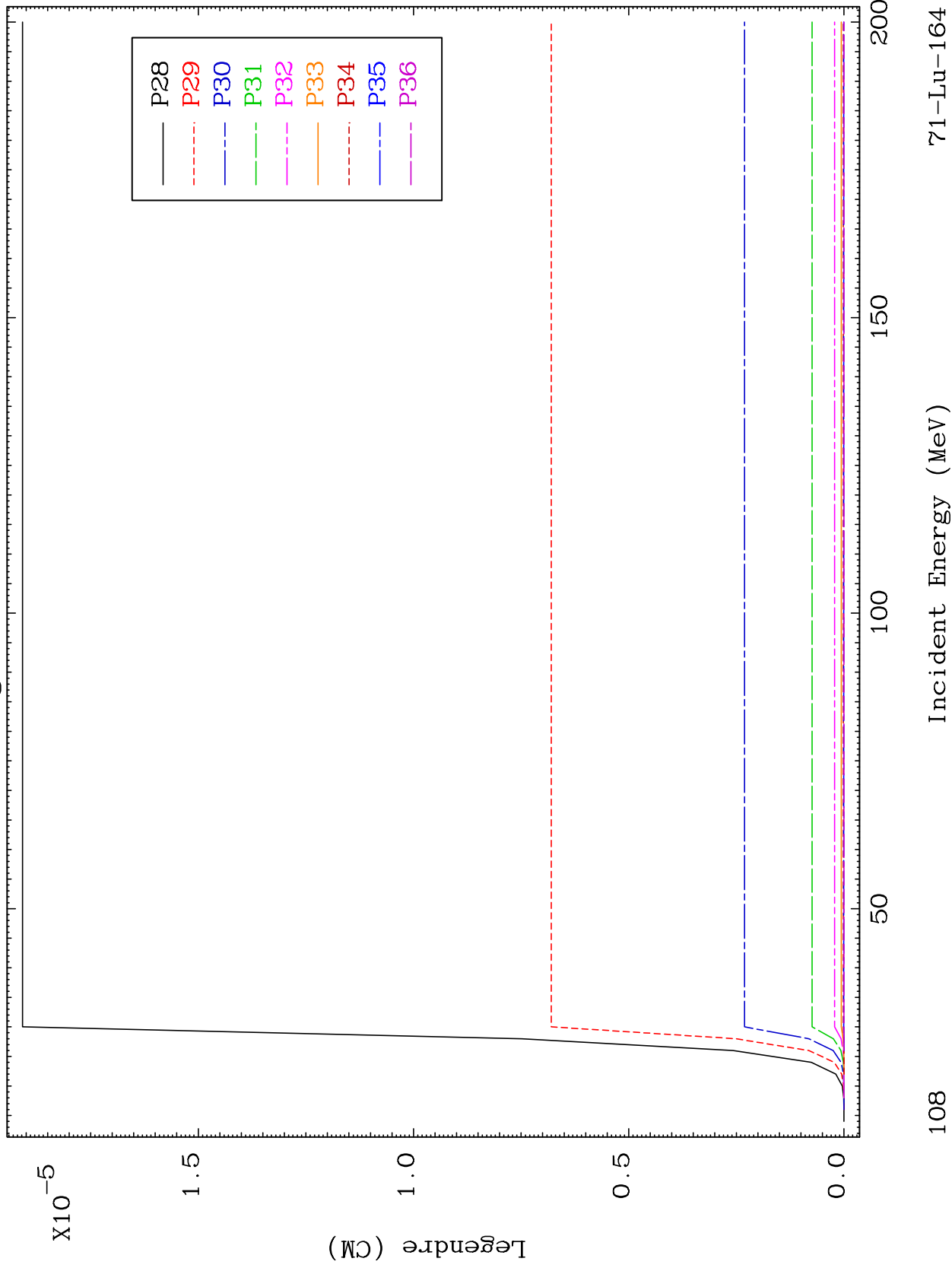
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164

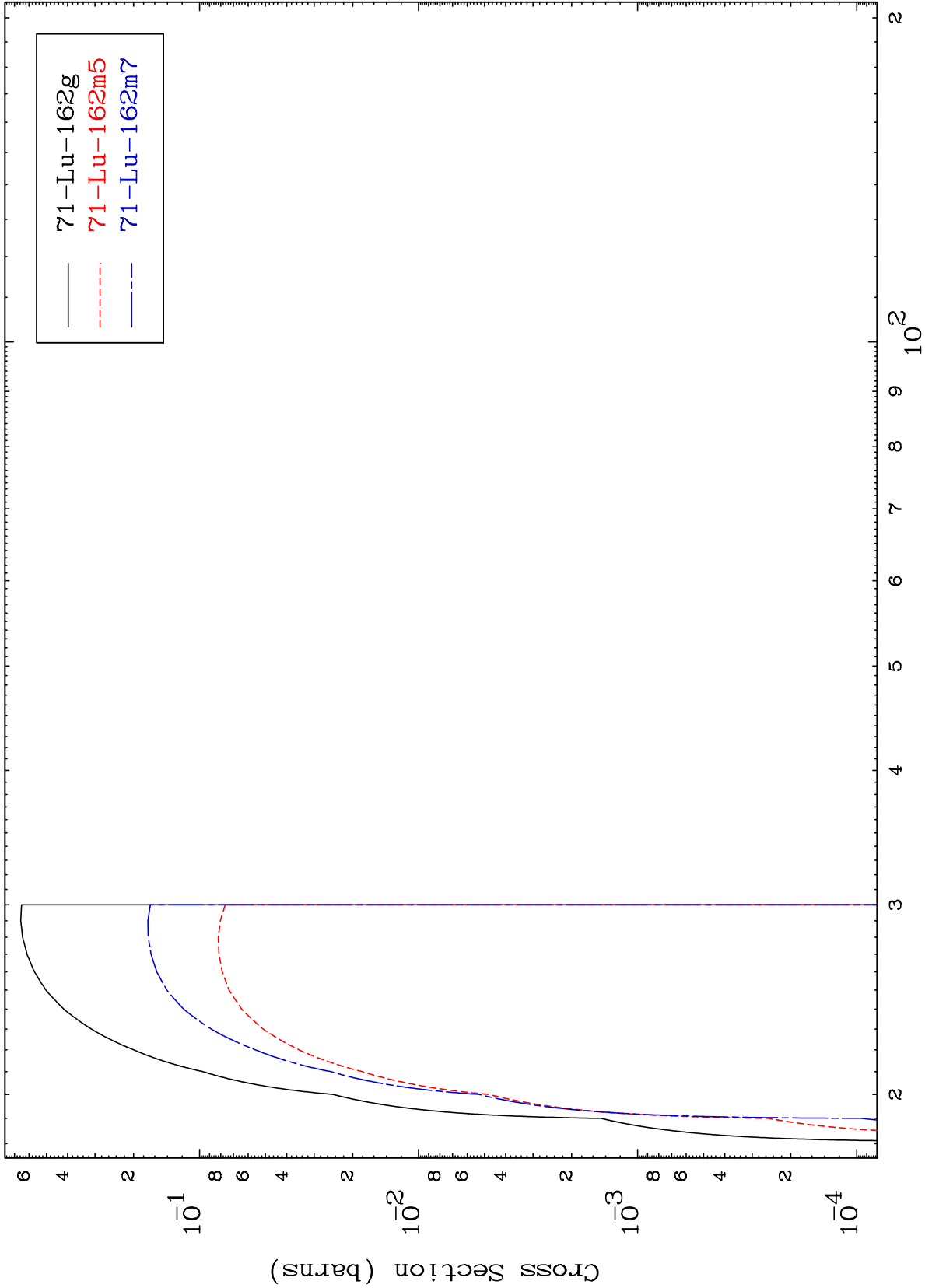


108

Incident Energy (MeV)

71-Lu-164

Radionuclide Production Cross Section

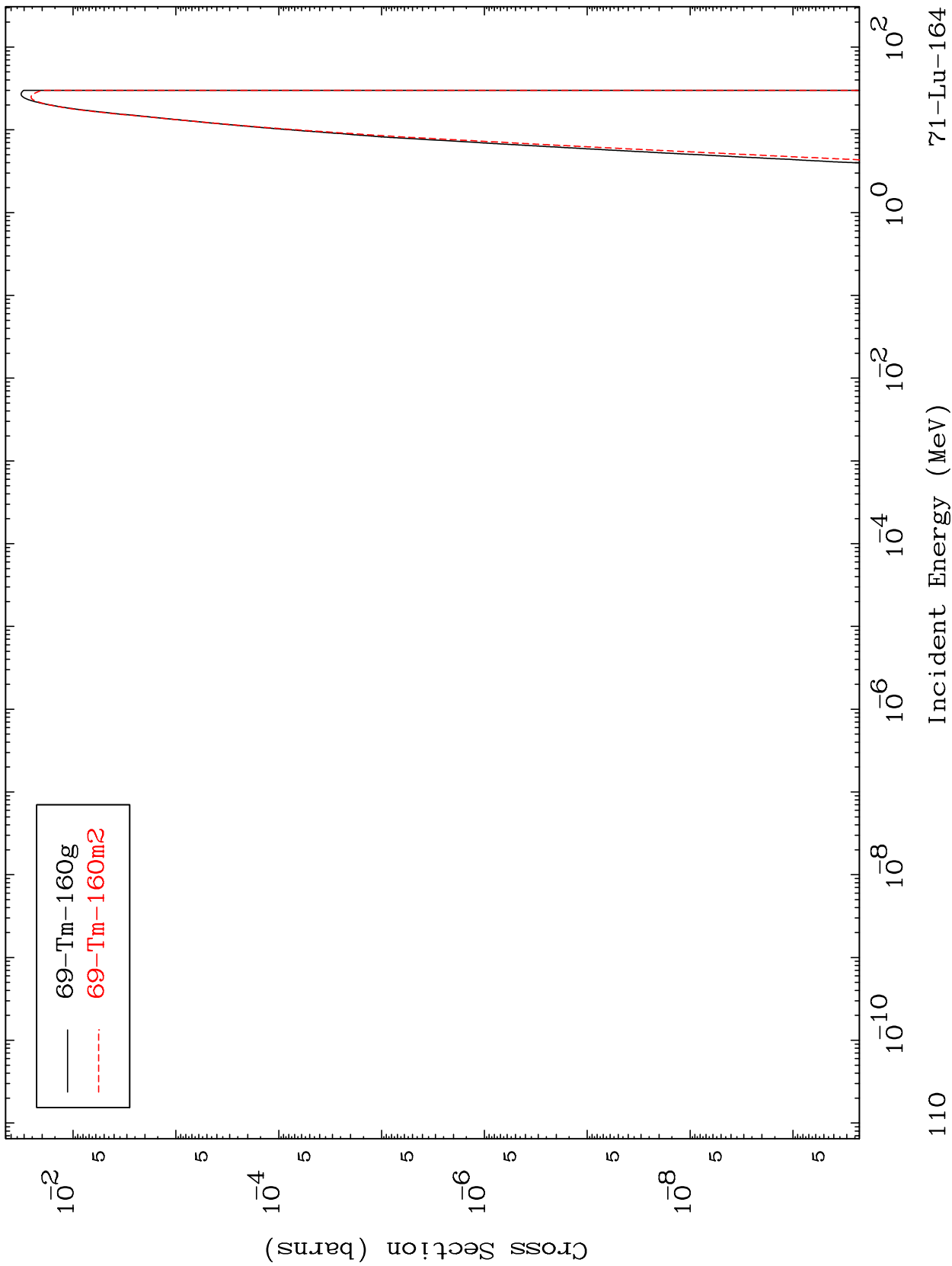


MAT 7092

$(n, n') \alpha$

71-Lu-164

Radionuclide Production Cross Section

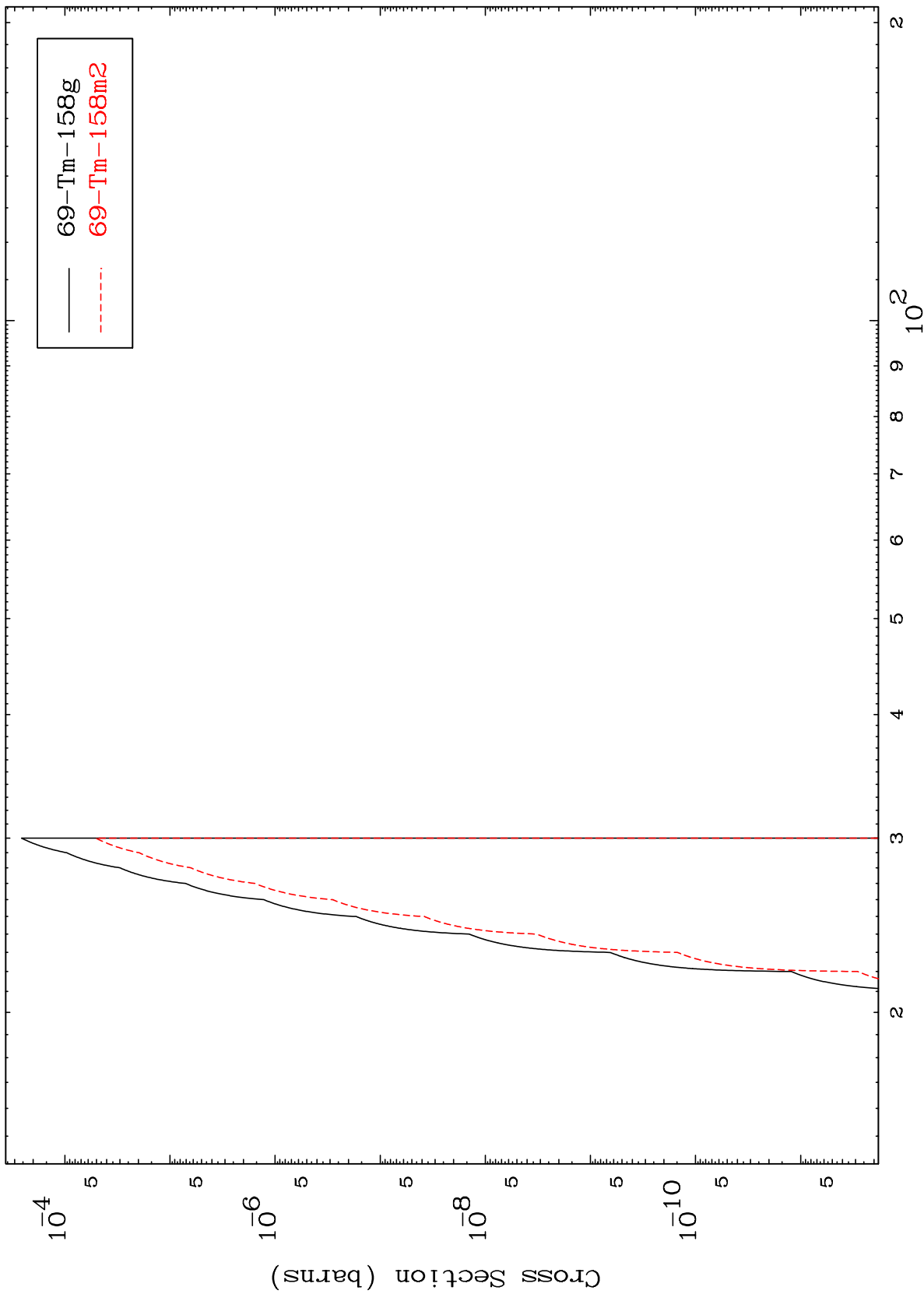


MAT 7092

(n,3n) α

71-Lu-164

Radionuclide Production Cross Section



111

Incident Energy (MeV)

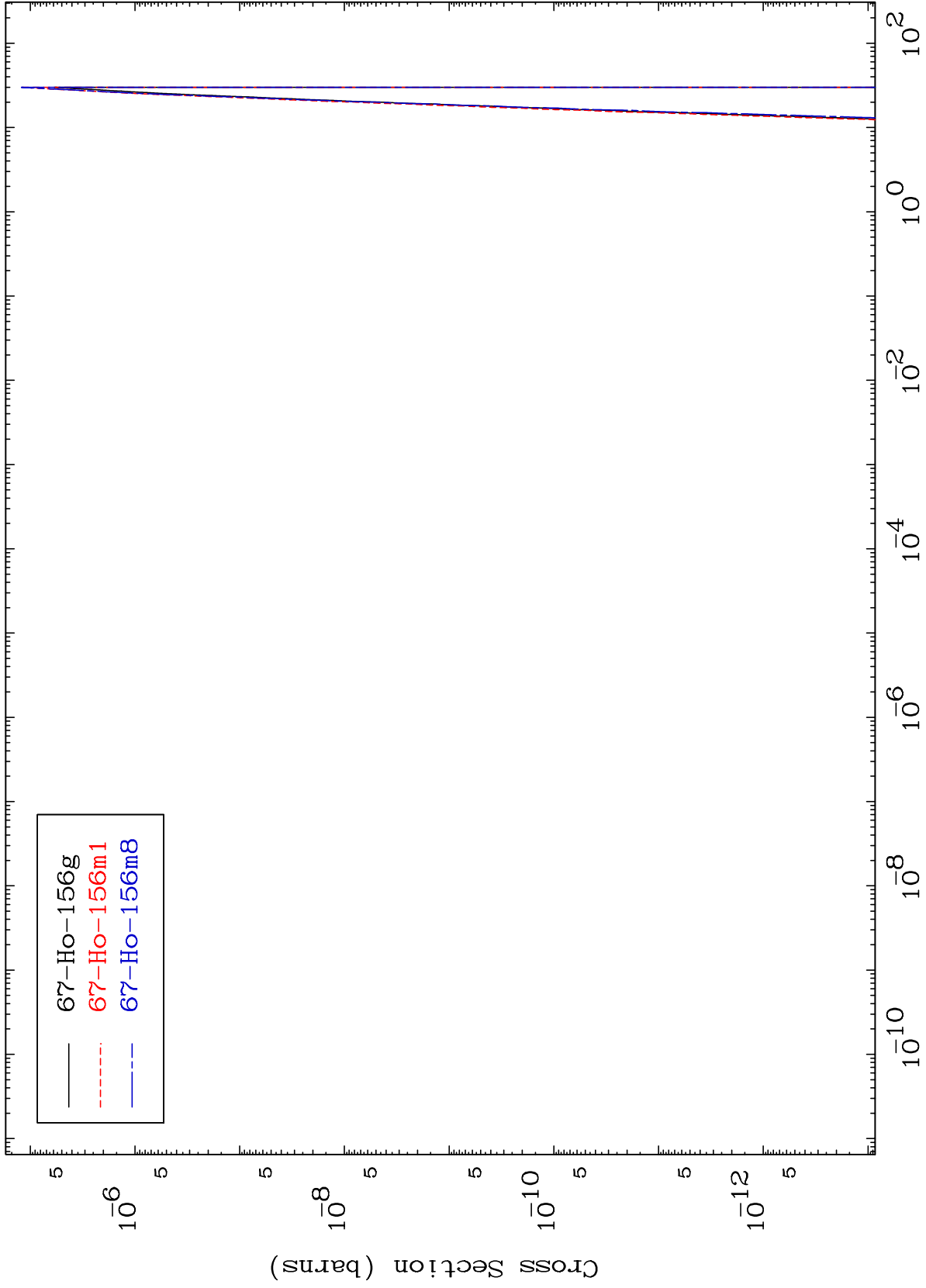
71-Lu-164

MAT 7092

(n,n') 2α

71-Lu-164

Radionuclide Production Cross Section



112

Incident Energy (MeV)

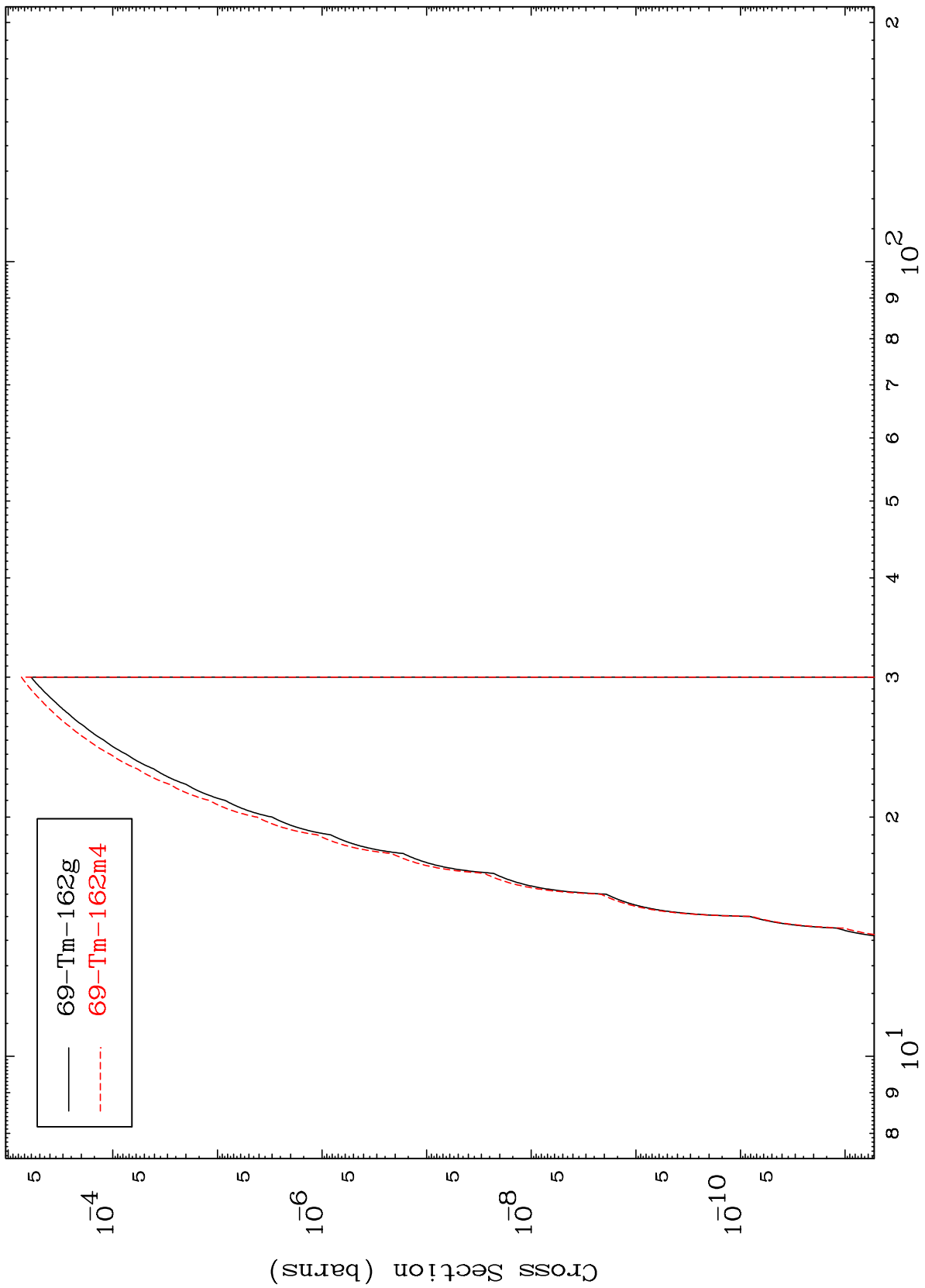
71-Lu-164

MAT 7092

(n,2n) p

71-Lu-164

Radionuclide Production Cross Section



113

Incident Energy (MeV)

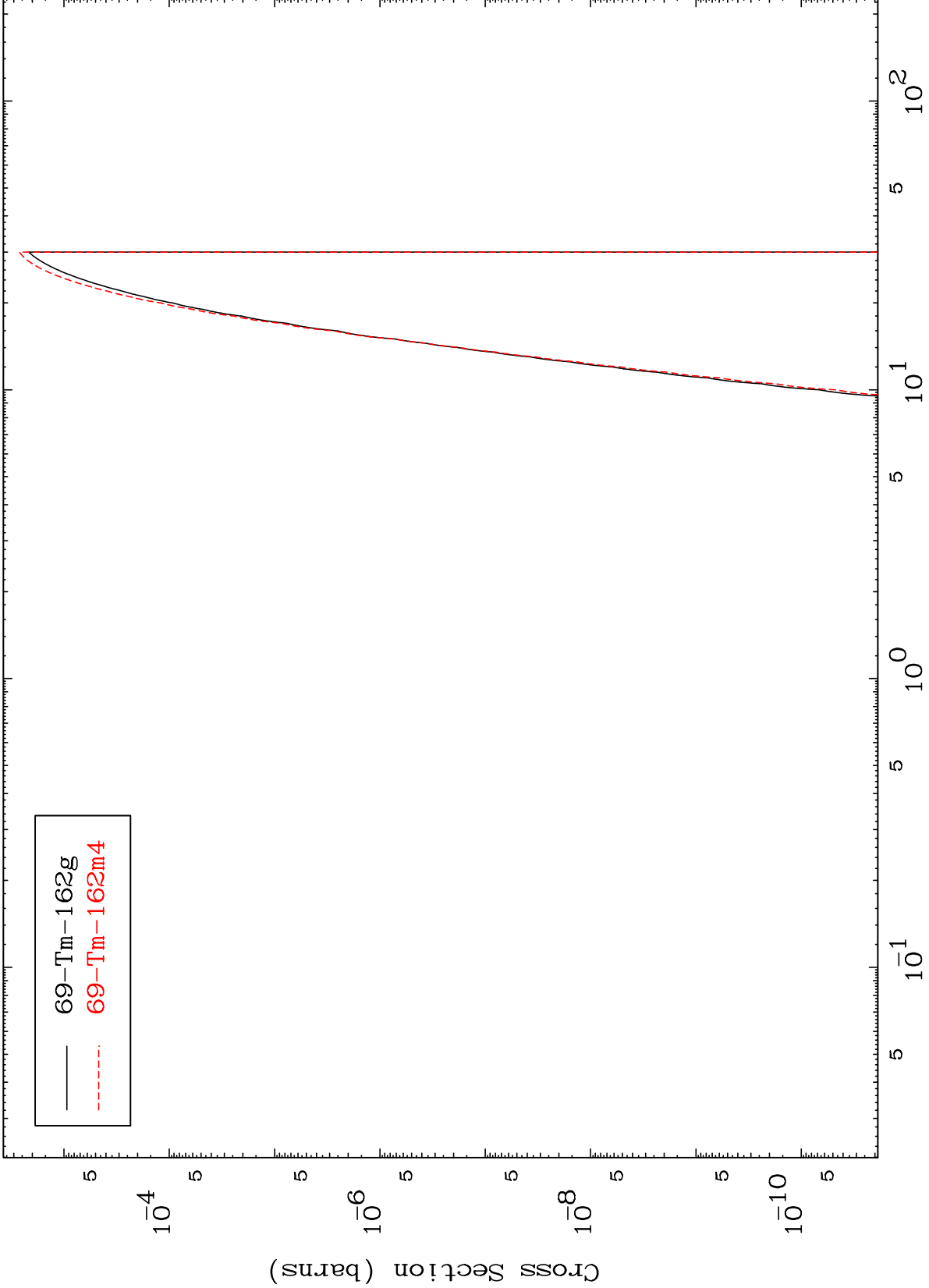
71-Lu-164

MAT 7092

(n,He-3)

71-Lu-164

Radionuclide Production Cross Section



114

Incident Energy (MeV)

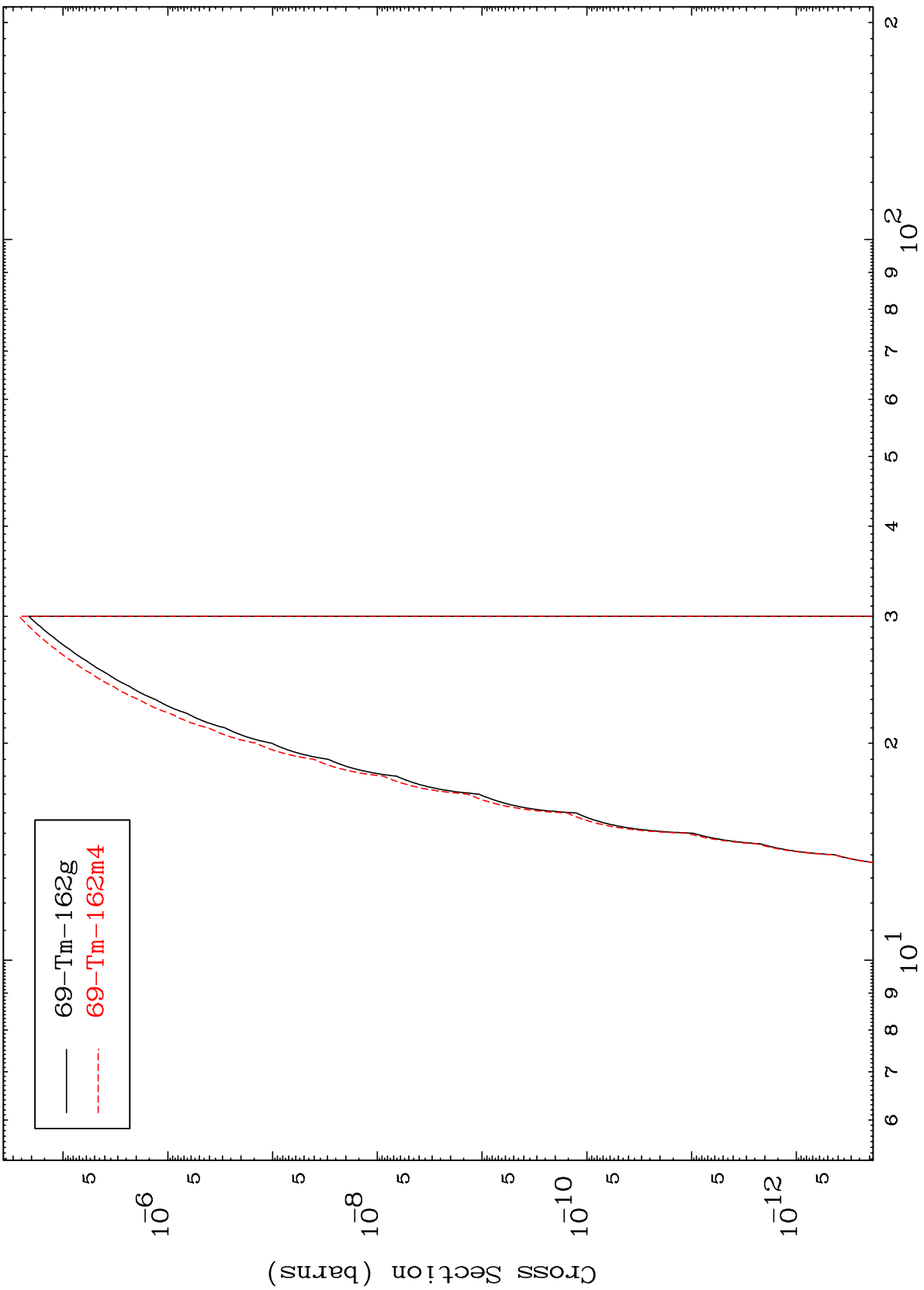
71-Lu-164

MAT 7092

(n,p) d

⁷¹Lu-164

Radionuclide Production Cross Section



115

Incident Energy (MeV)

⁷¹Lu-164