

Program EVALPLOT
(Version 2017-1)

by

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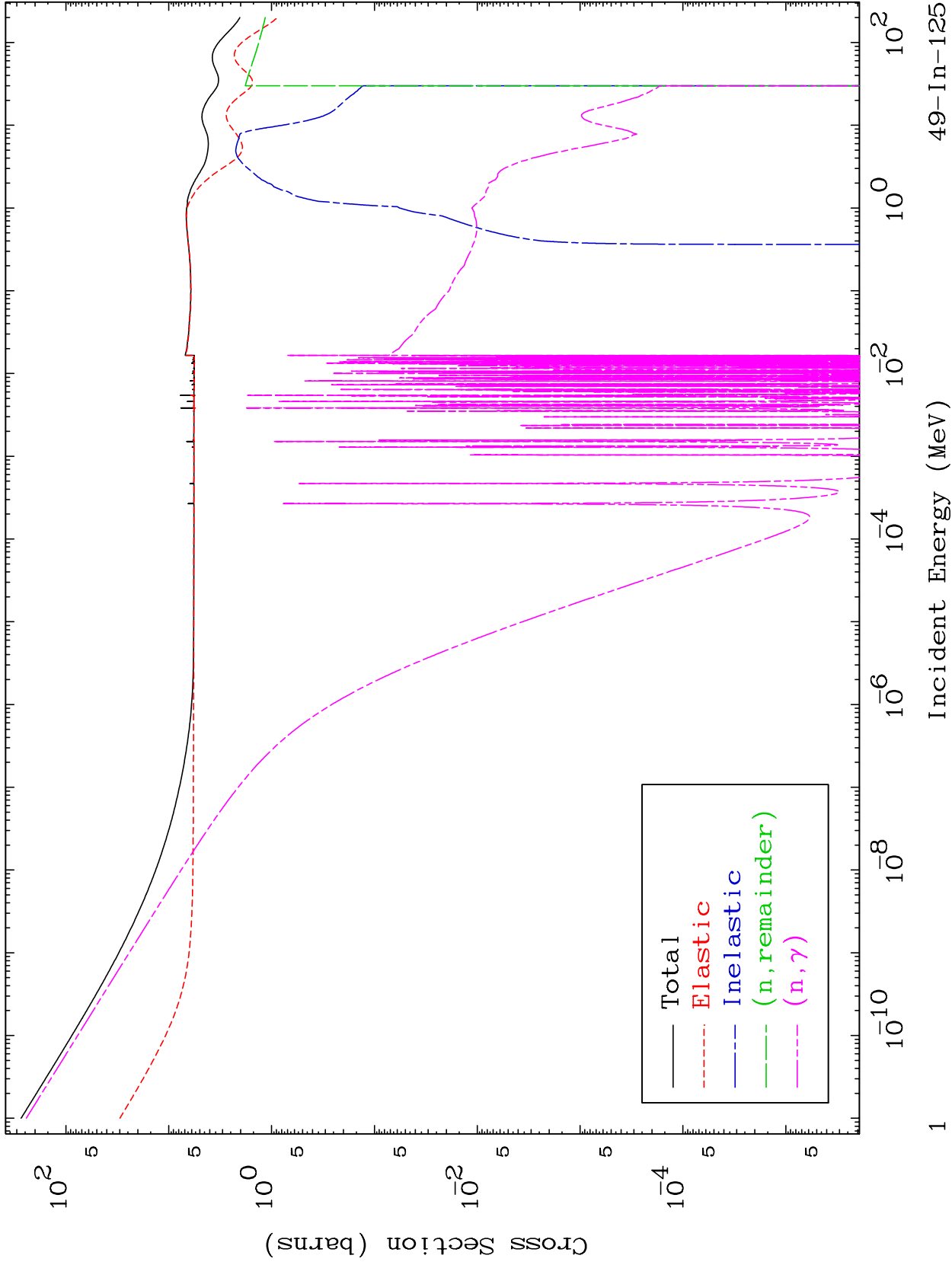
Press Mouse Button to Start

MAT 4961

Major

293 Kelvin Cross Sections

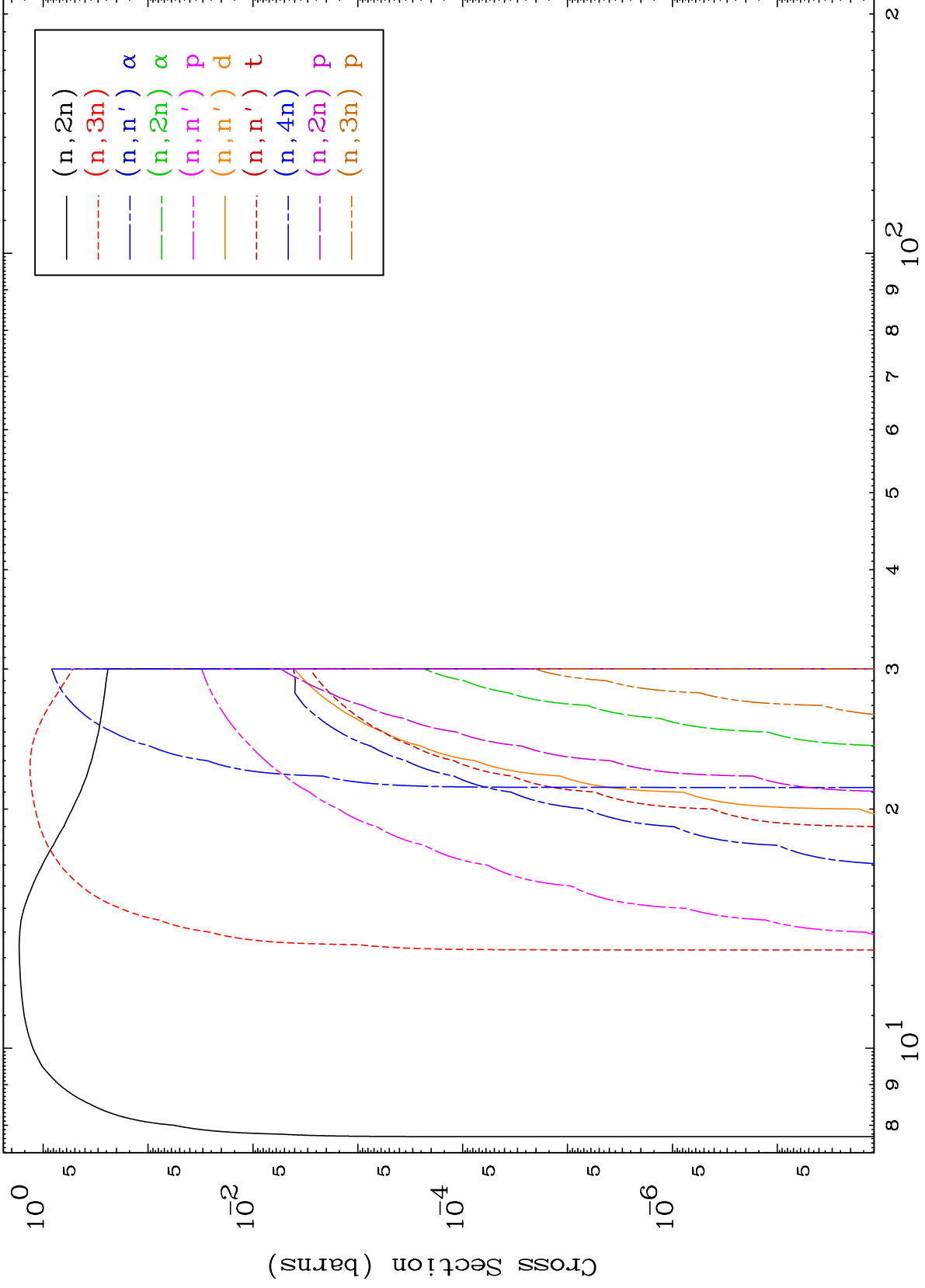
49-In-125



MAT 4961

Neutron Production
293 Kelvin Cross Sections

49-In-125



2

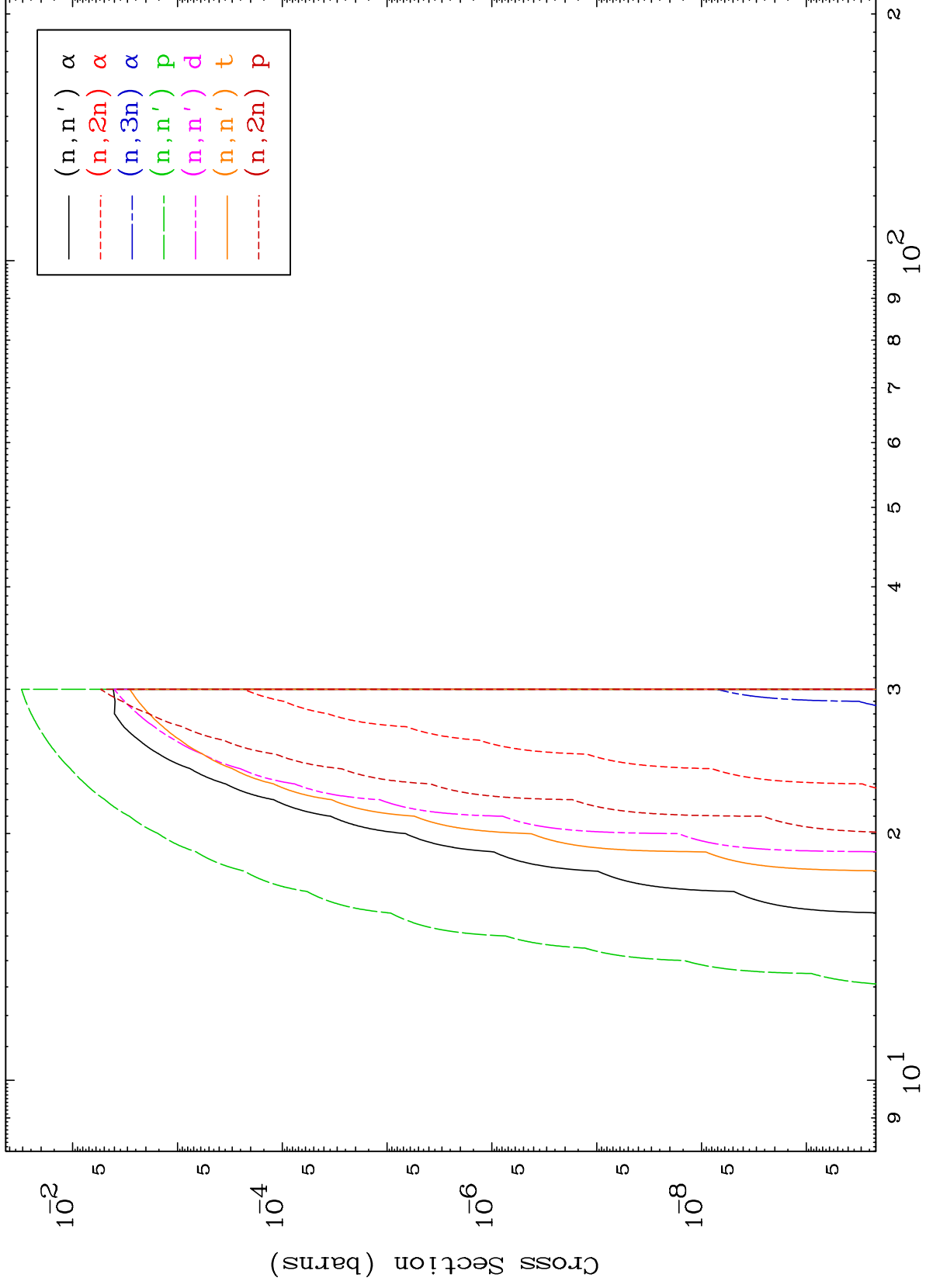
Incident Energy (MeV)

49-In-125

MAT 4961

Charged Particle
293 Kelvin Cross Sections

49-In-125



49-In-125

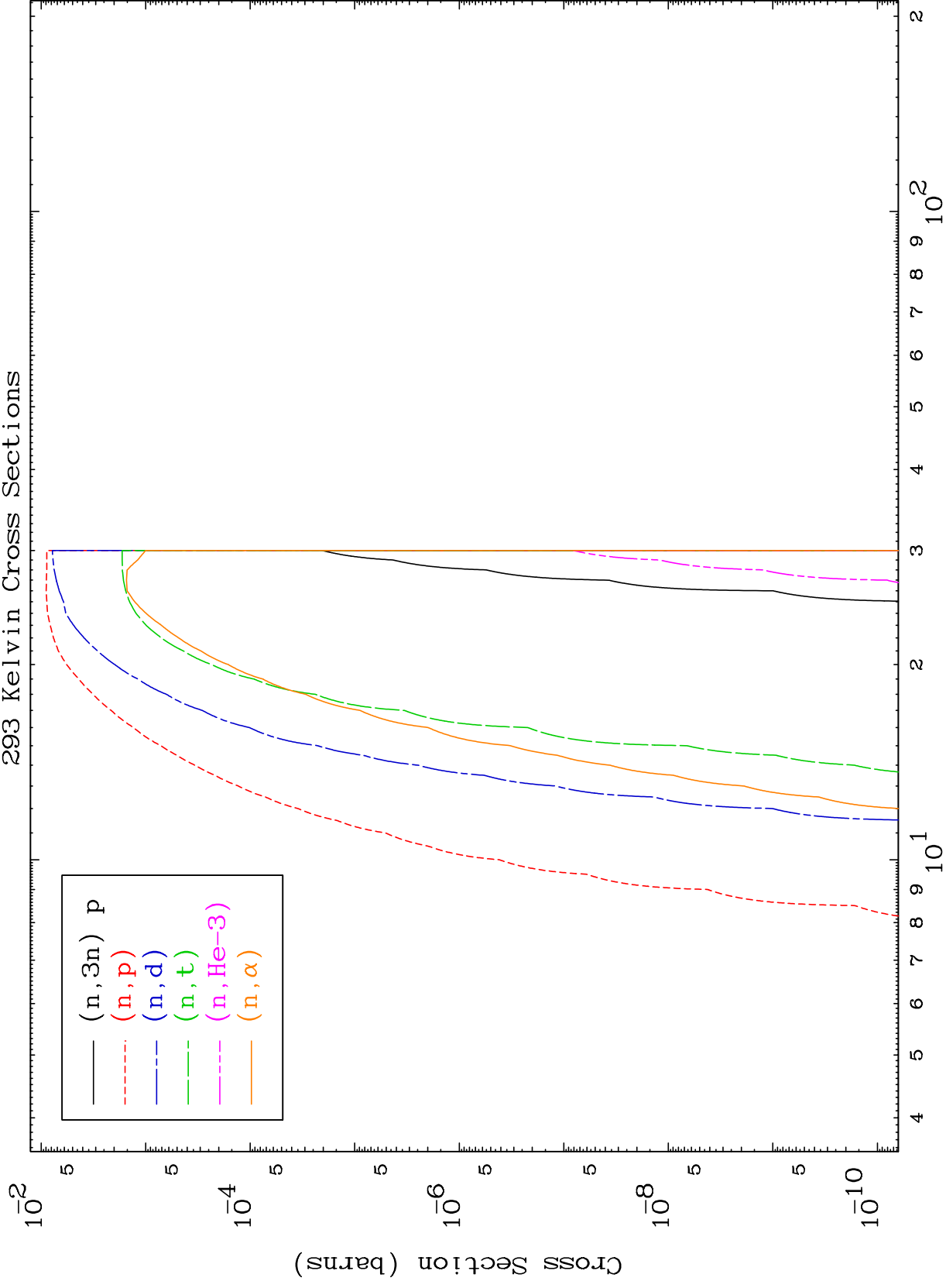
Incident Energy (MeV)

3

MAT 4961

Charged Particle
293 Kelvin Cross Sections

49-In-125



4

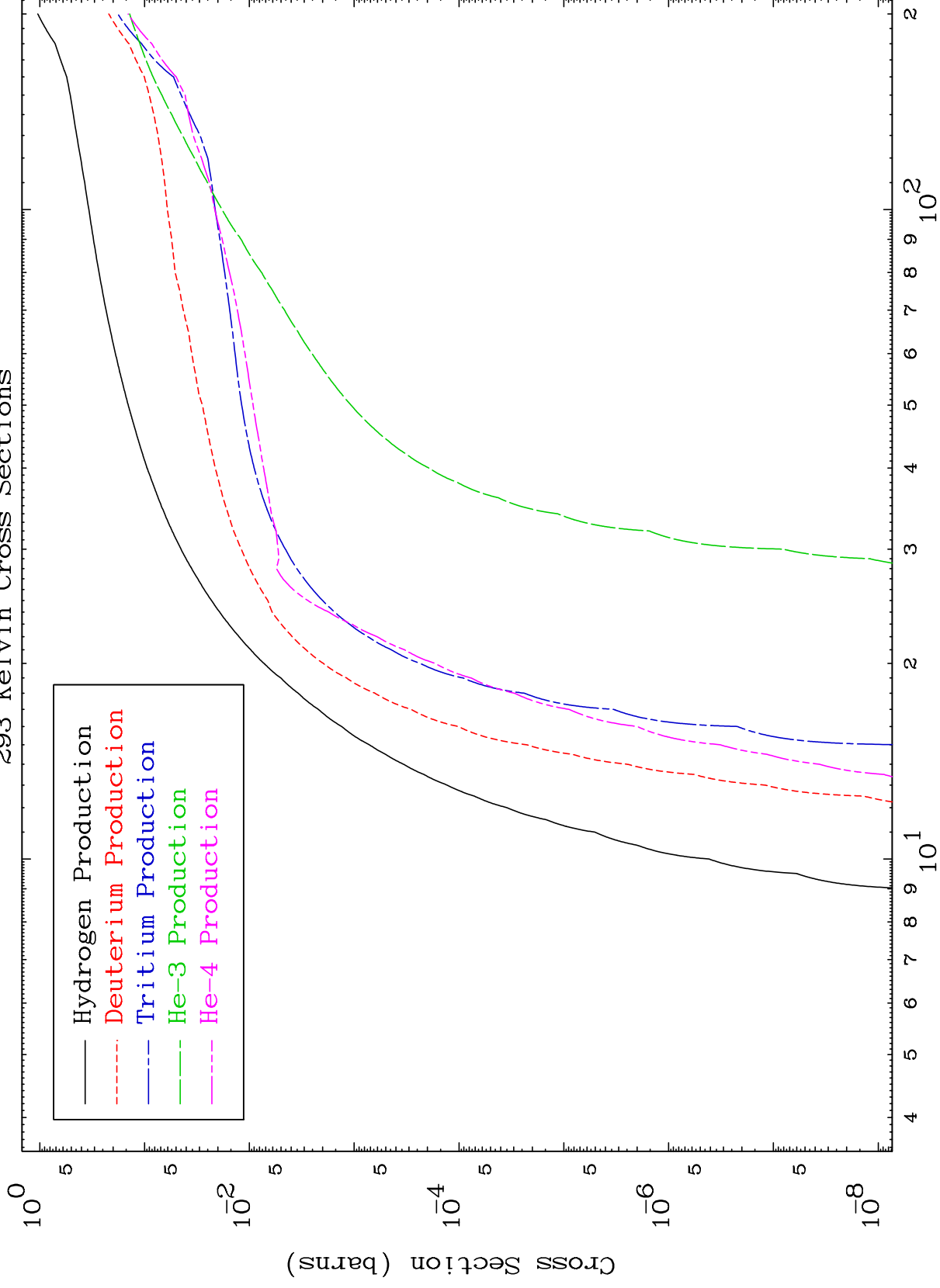
Incident Energy (MeV)

49-In-125

MAT 4961

Particle Production
293 Kelvin Cross Sections

49-In-125



5

Incident Energy (MeV)

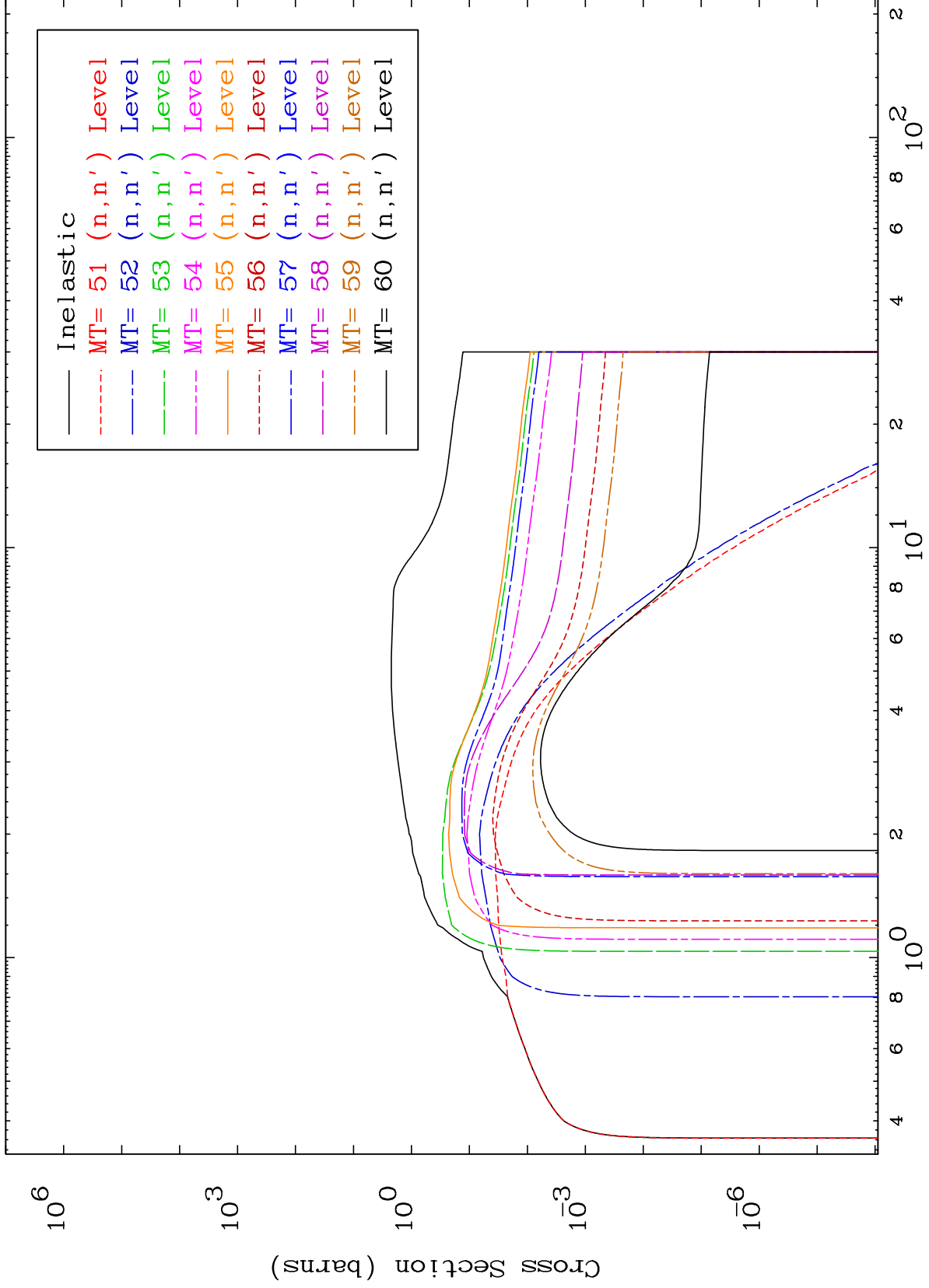
49-In-125

MAT 4961

(n,n') Level

49-In-125

293 Kelvin Cross Sections



6

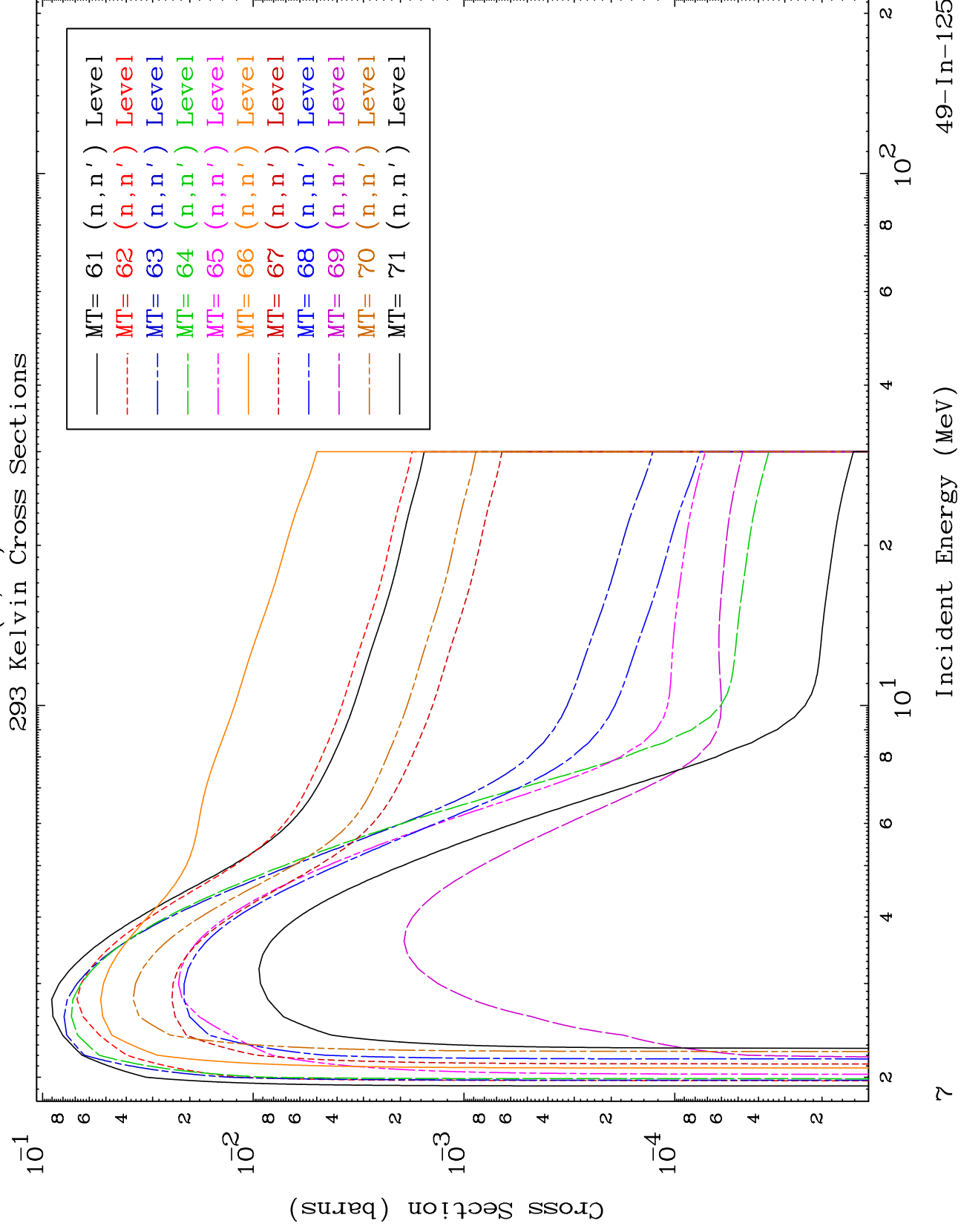
Incident Energy (MeV)

49-In-125

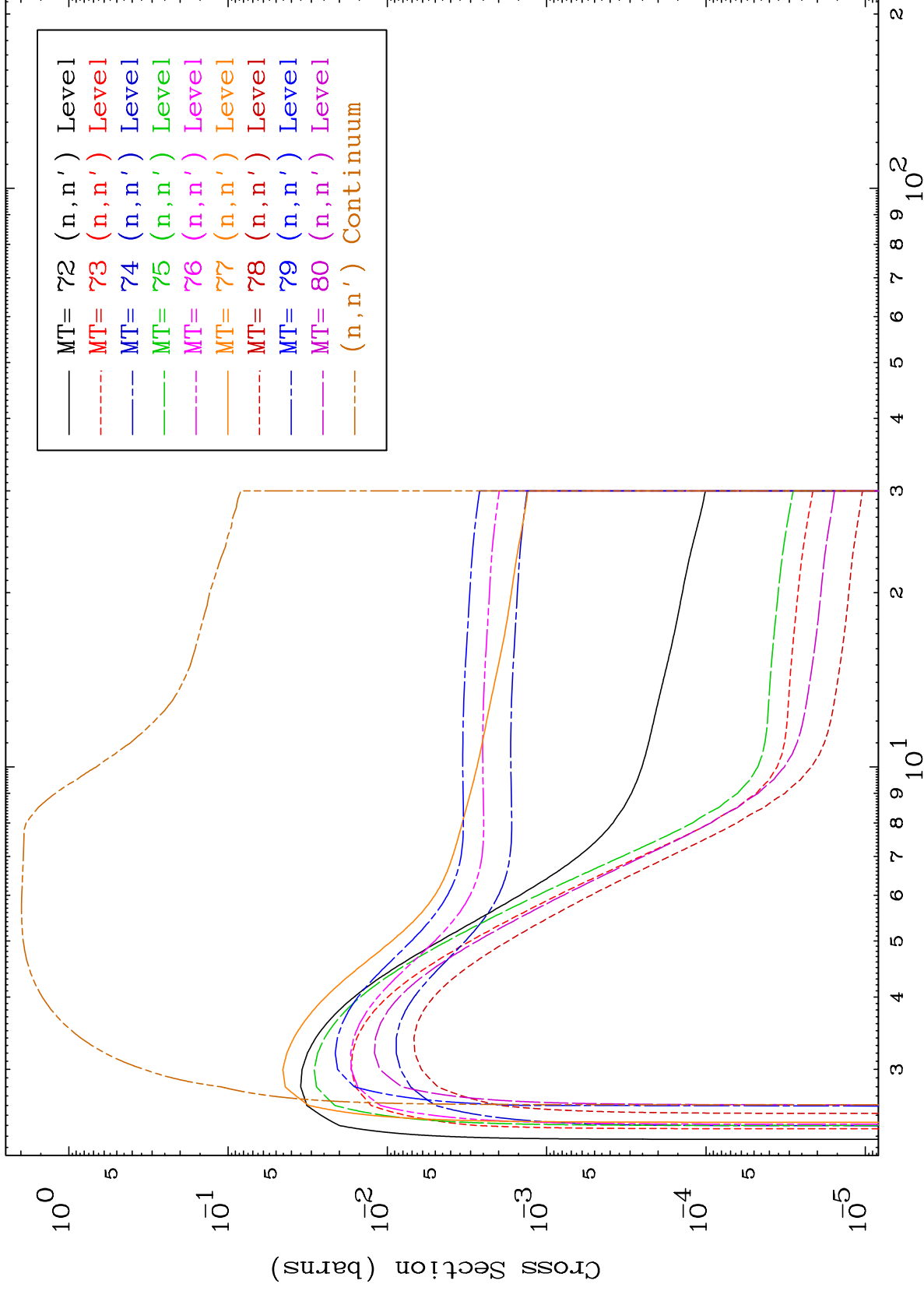
MAT 4961

(n,n') Level

49-In-125



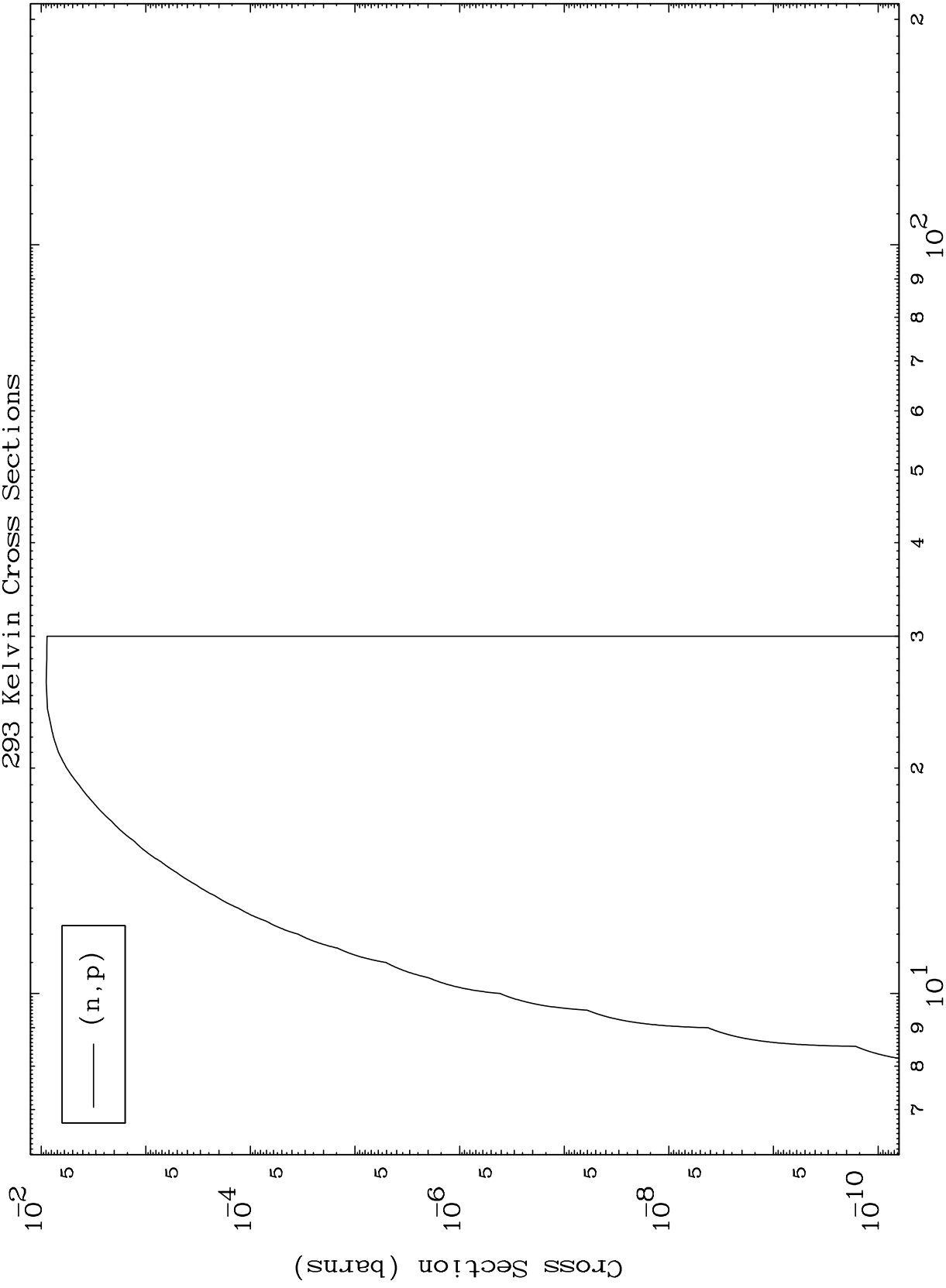
293 Kelvin Cross Sections



MAT 4961

49-In-125

(n,p) Levels
293 Kelvin Cross Sections



49-In-125

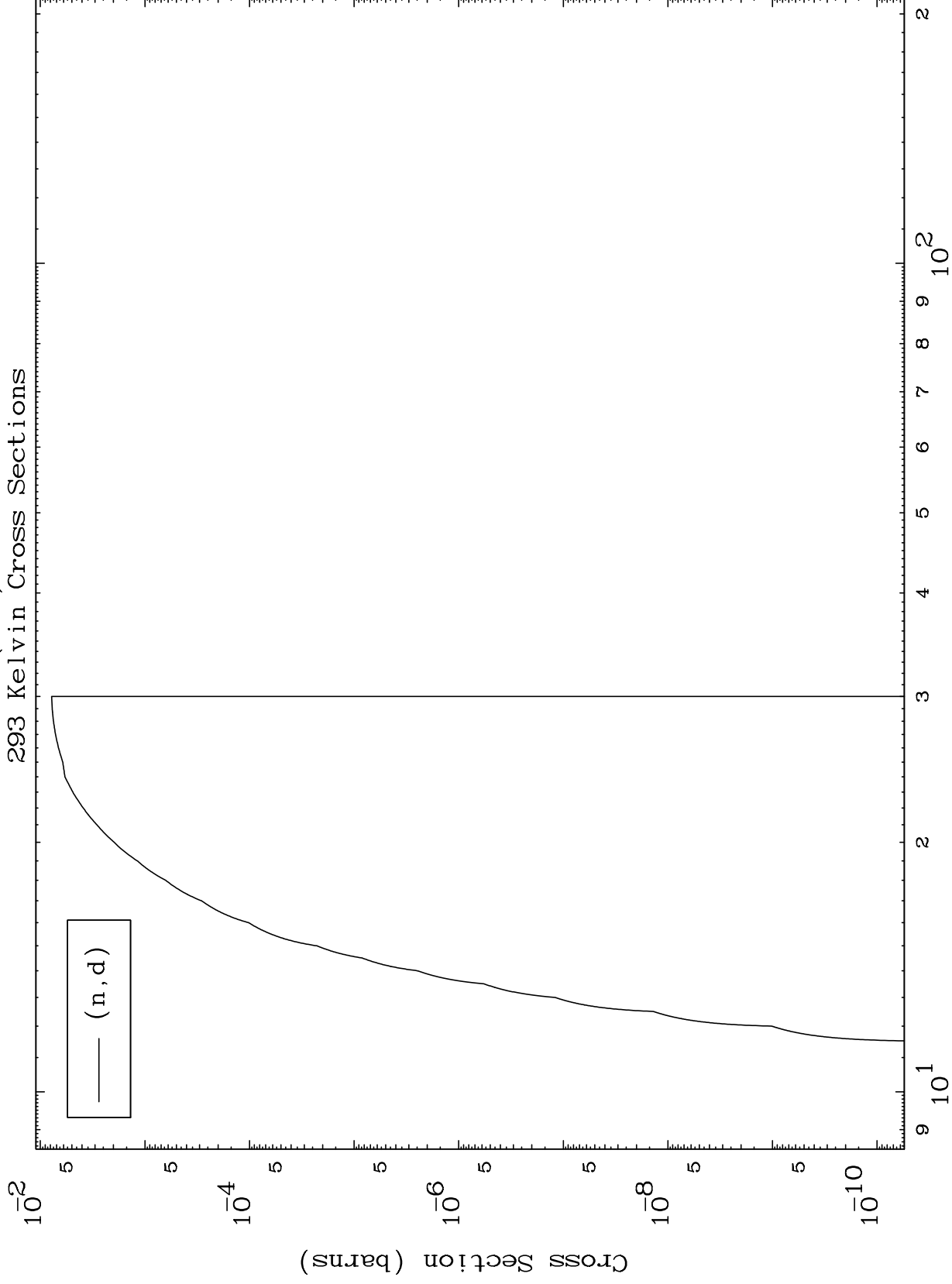
Incident Energy (MeV)

9

MAT 4961

(n,d) Levels
293 Kelvin Cross Sections

49-In-125



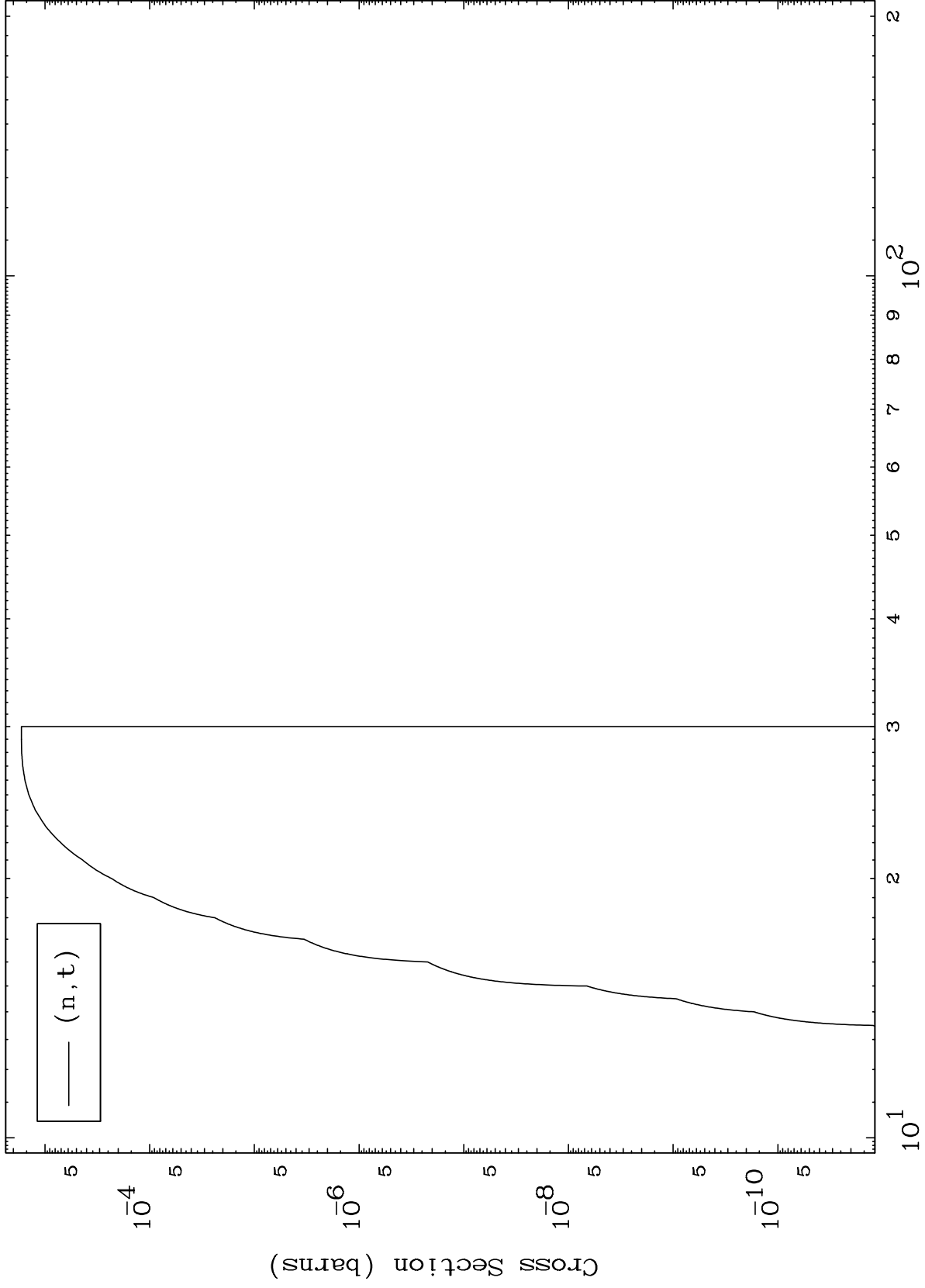
Incident Energy (MeV)

49-In-125

MAT 4961

(n,t) Levels
293 Kelvin Cross Sections

49-In-125



11

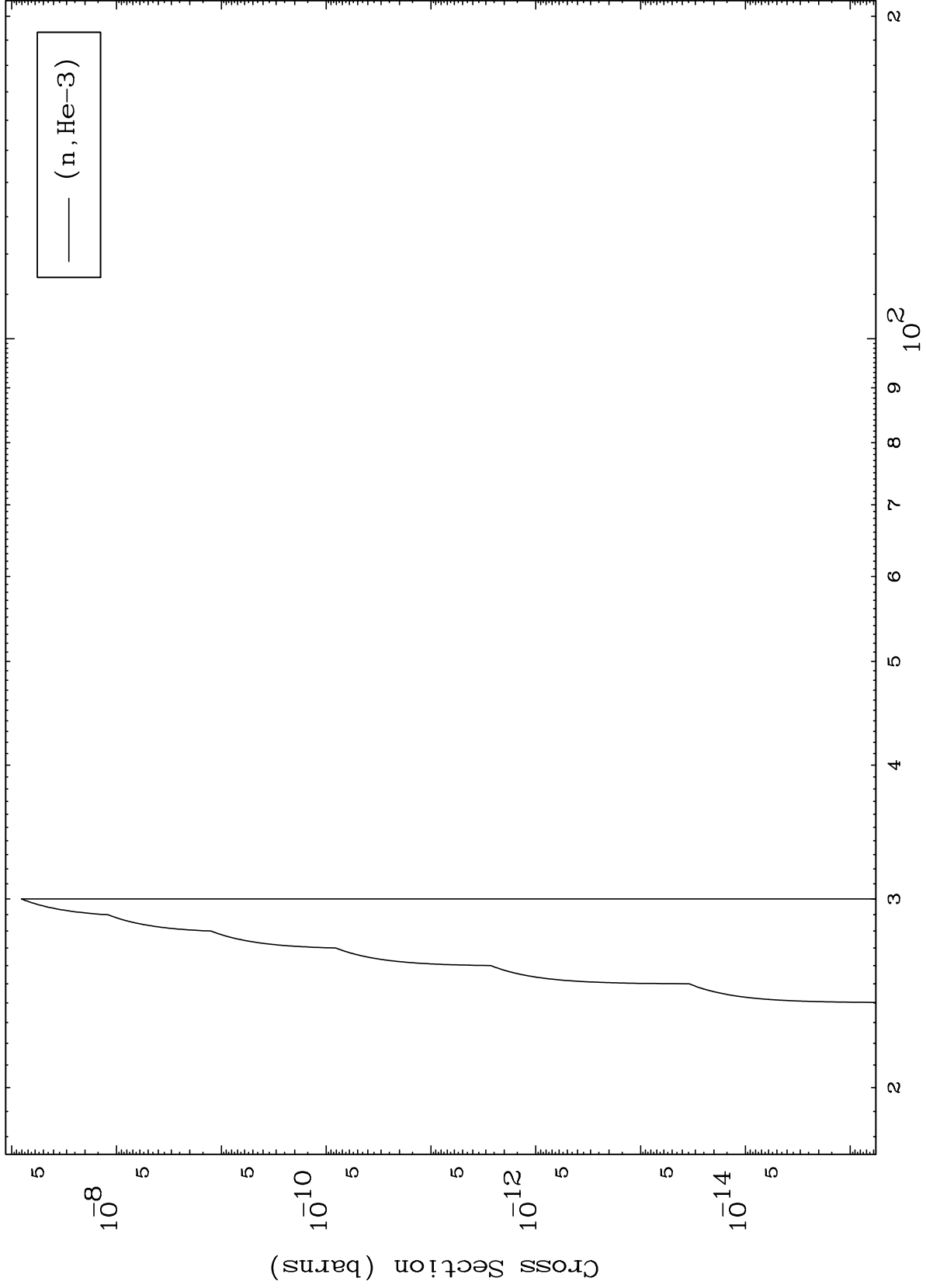
Incident Energy (MeV)

49-In-125

MAT 4961

(n,He3) Levels
293 Kelvin Cross Sections

49-In-125



12

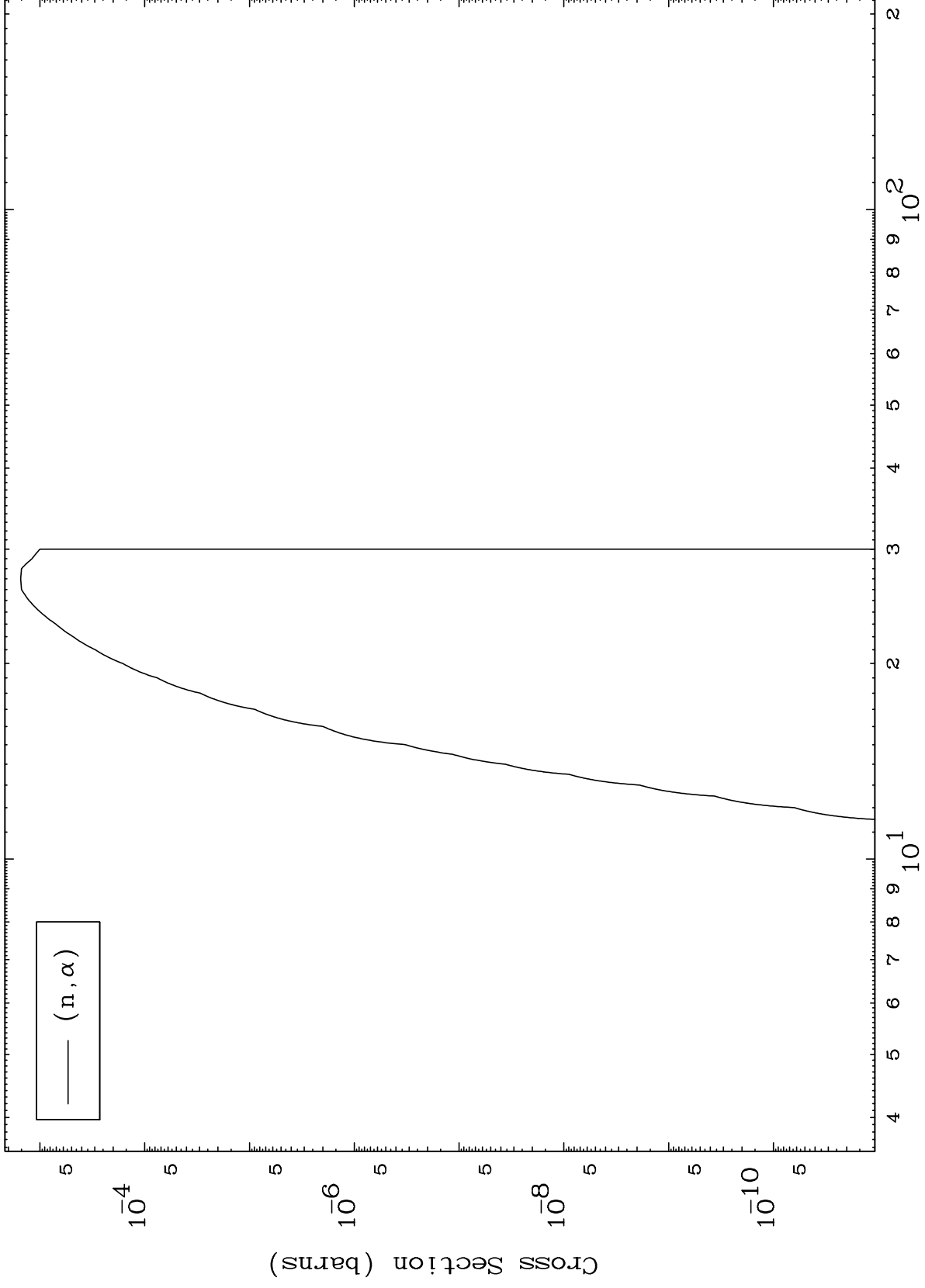
Incident Energy (MeV)

49-In-125

MAT 4961

(n, α) Levels
293 Kelvin Cross Sections

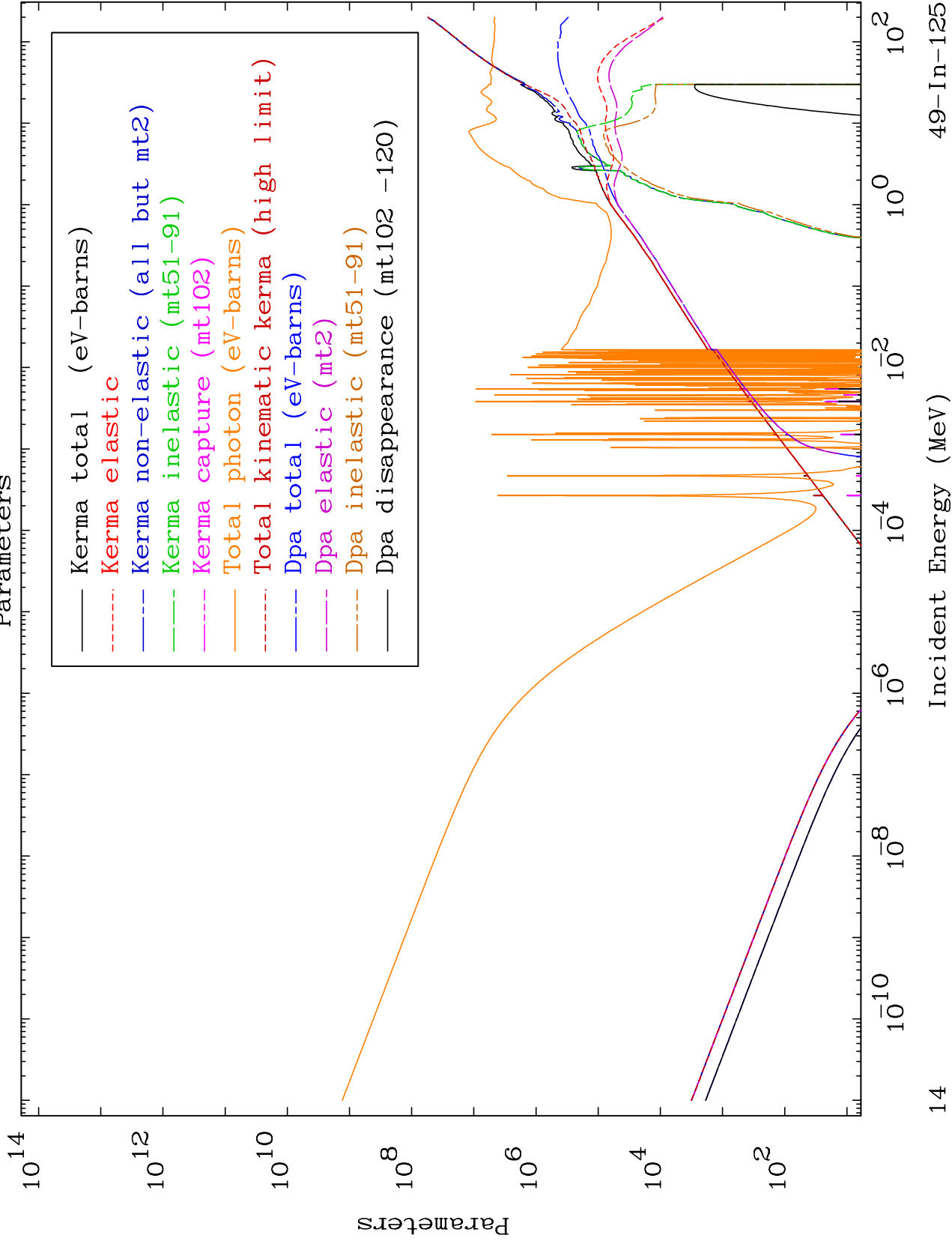
49-In-125



13

Incident Energy (MeV)

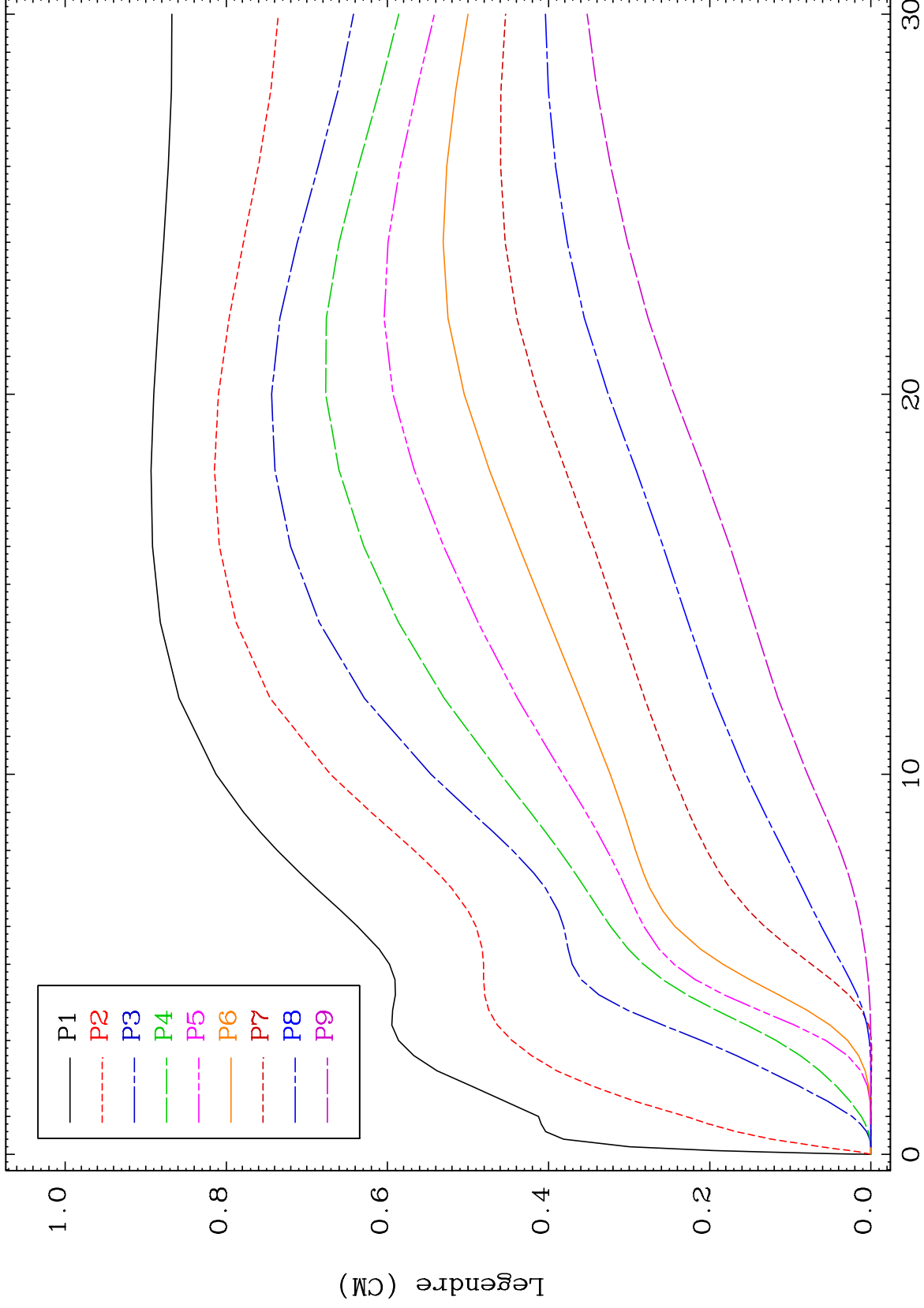
49-In-125



MAT 4961

Elastic Legendre Coefficients

49-In-125



0

15

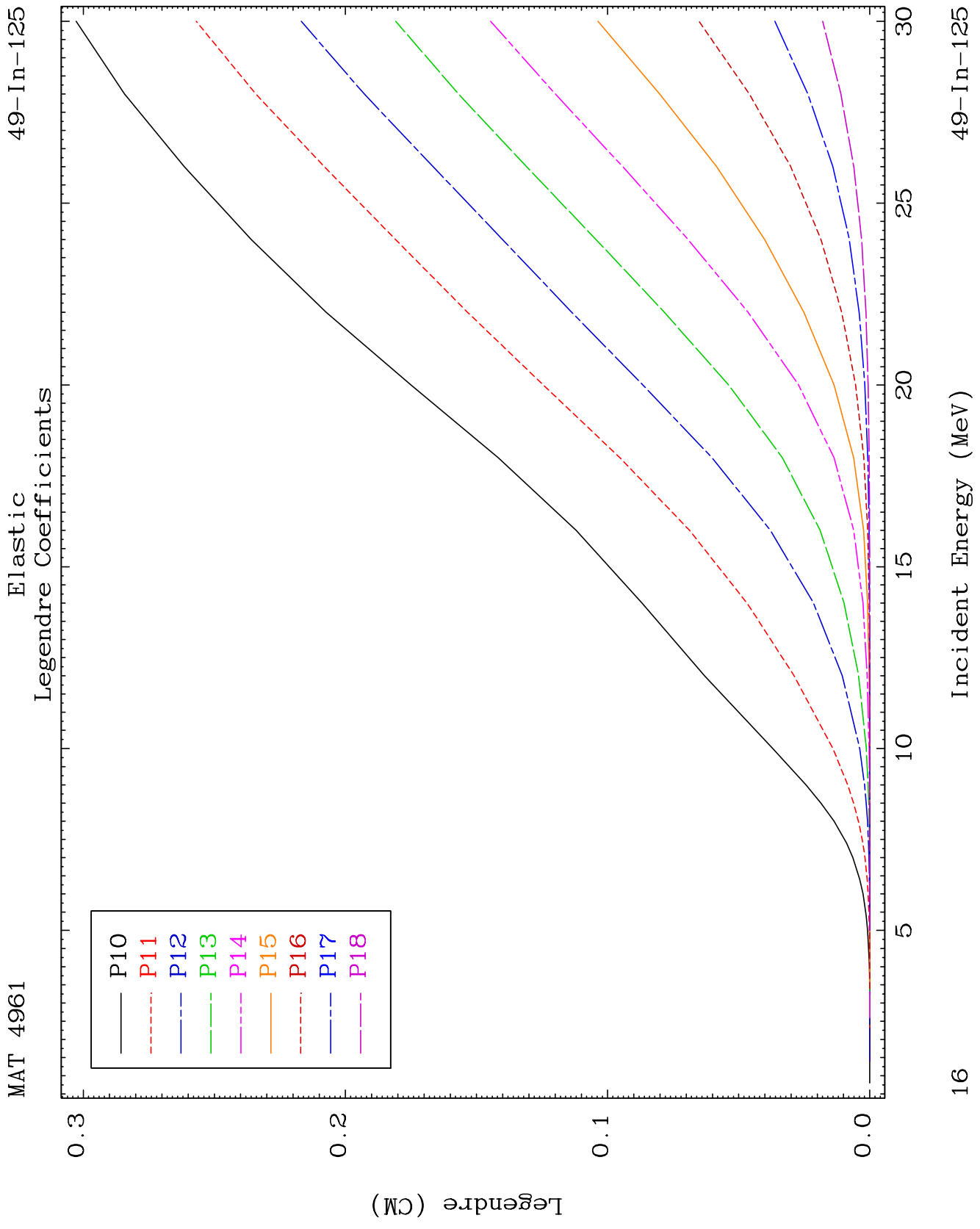
Incident Energy (MeV)

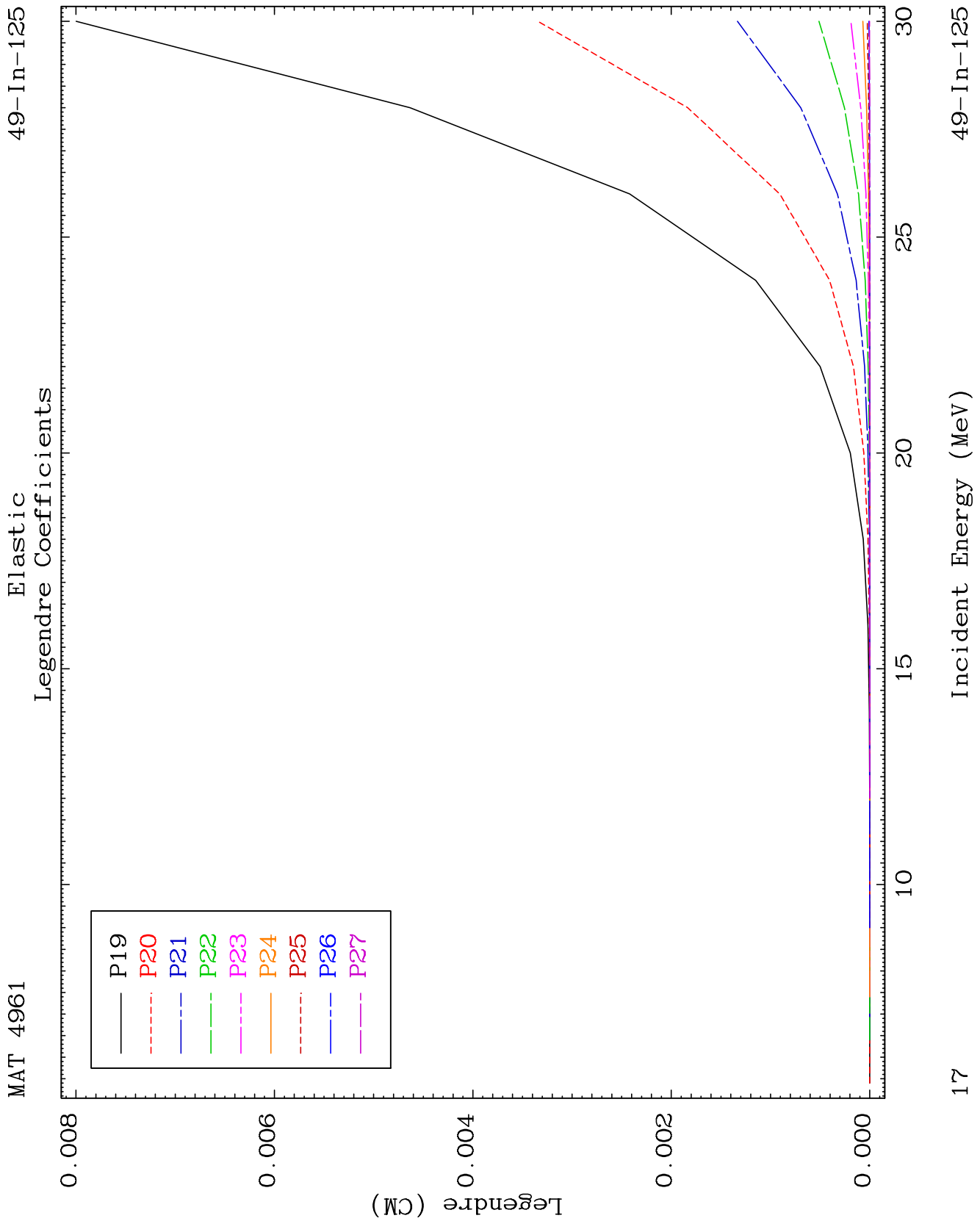
10

20

30

49-In-125

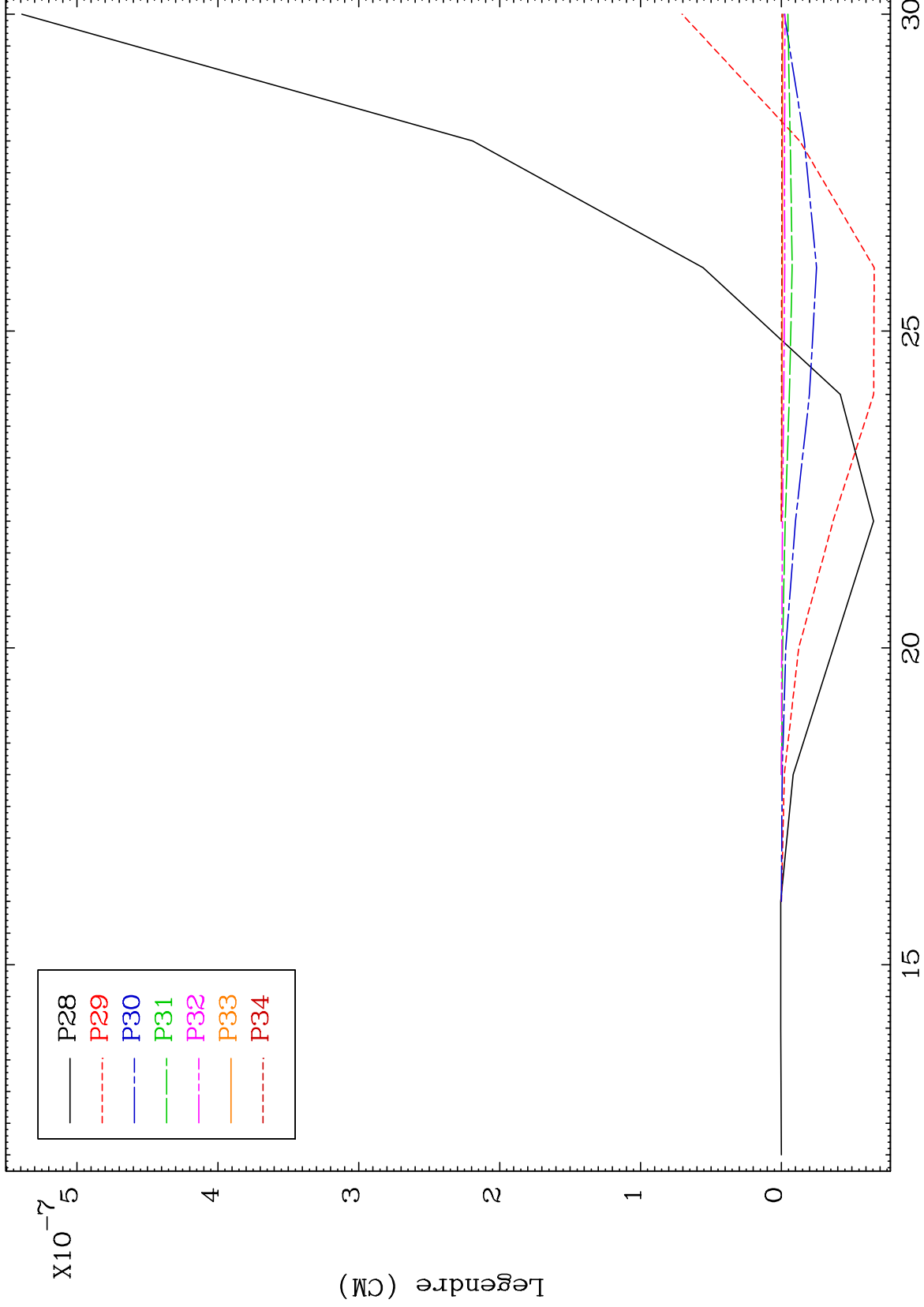




MAT 4961

Elastic
Legendre Coefficients

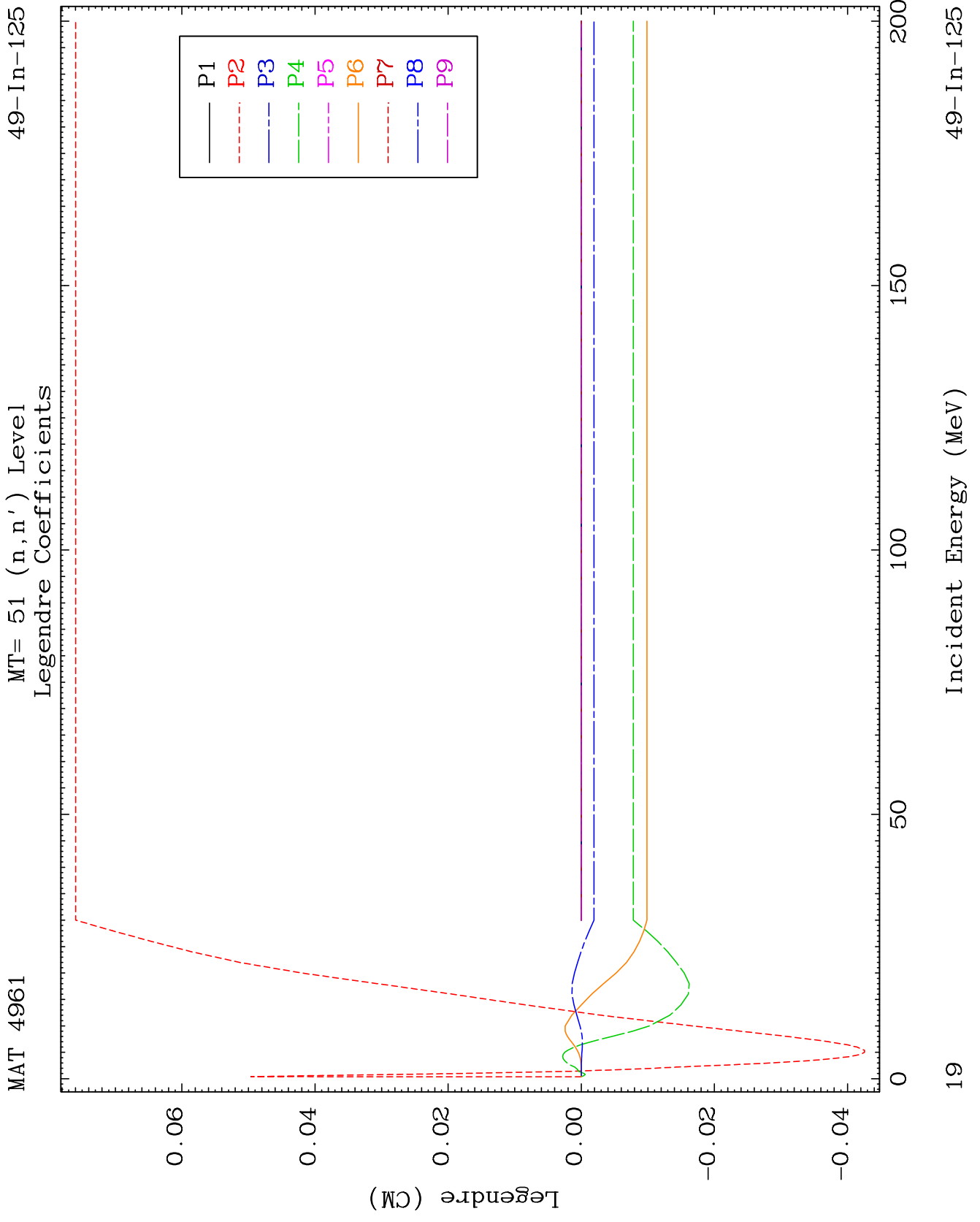
49-In-125

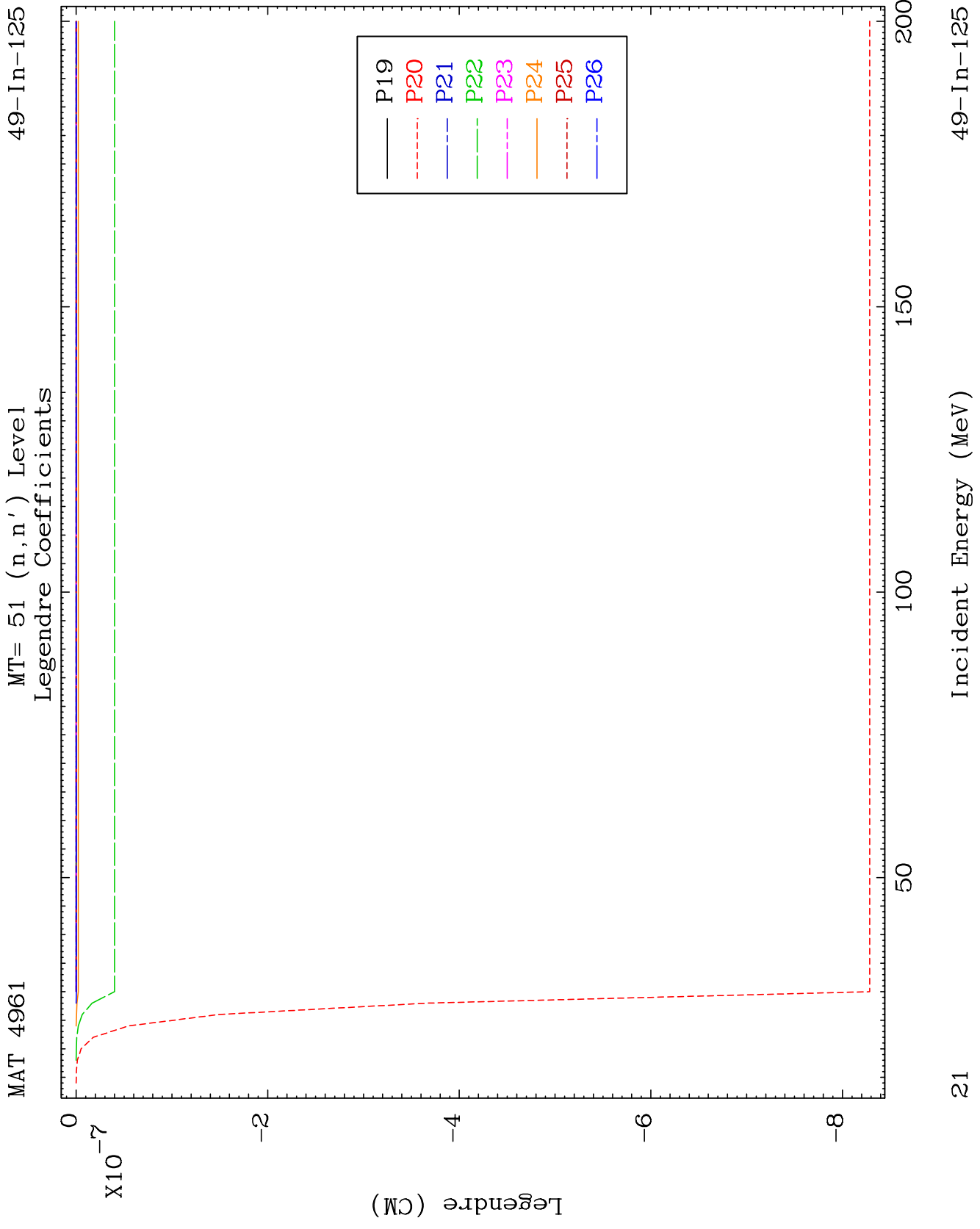


18

Incident Energy (MeV)

49-In-125

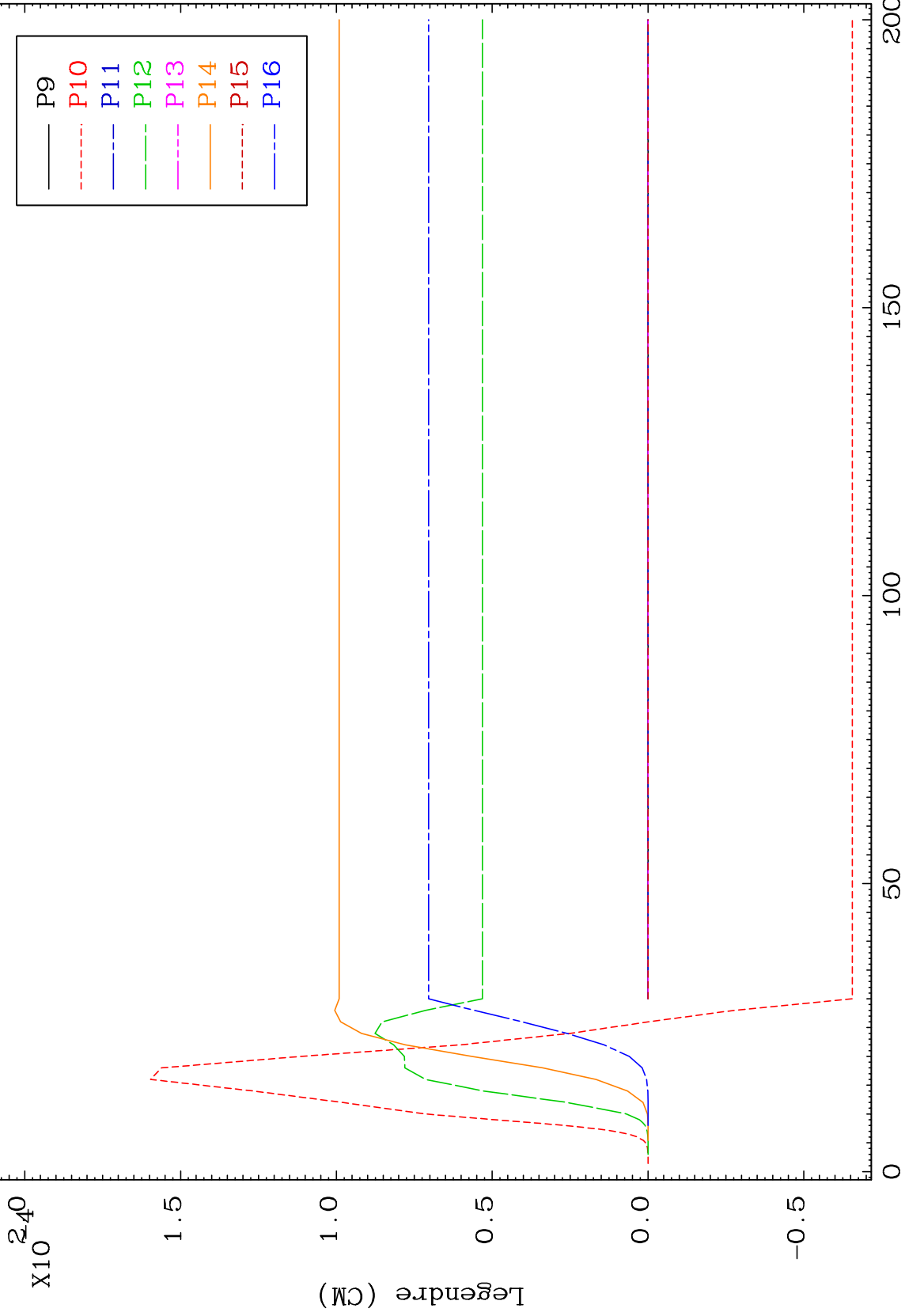




MAT 4961

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

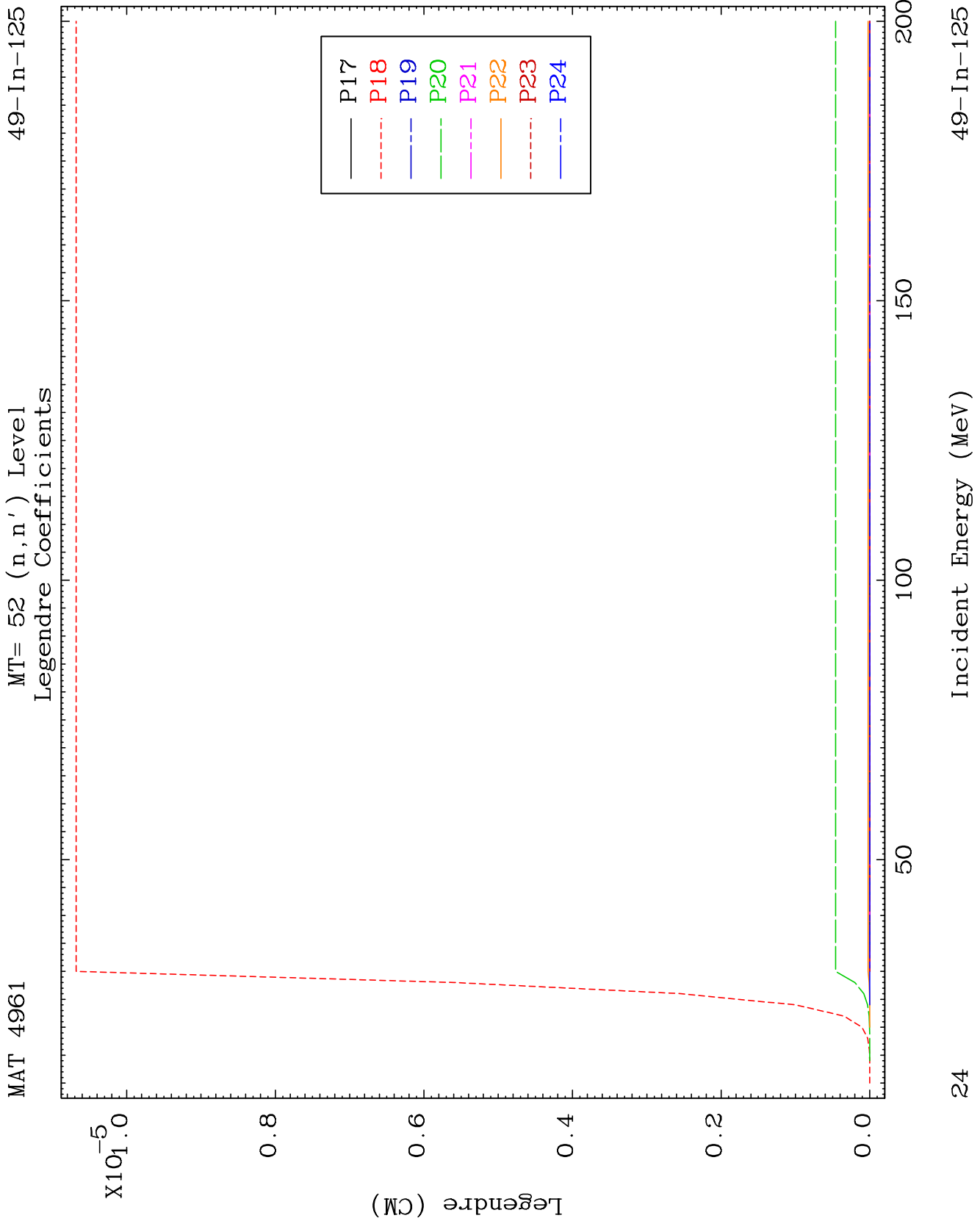
49-In-125

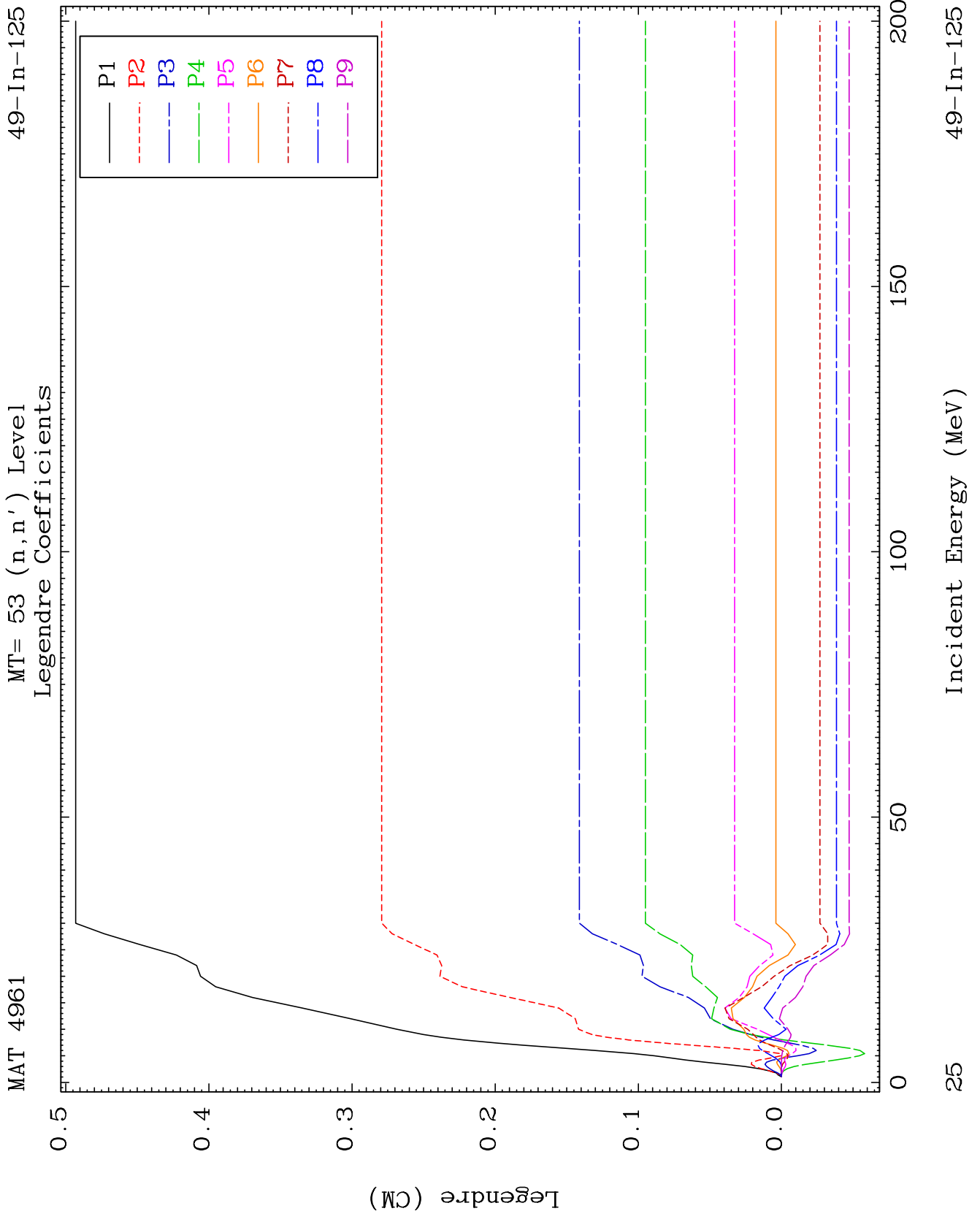


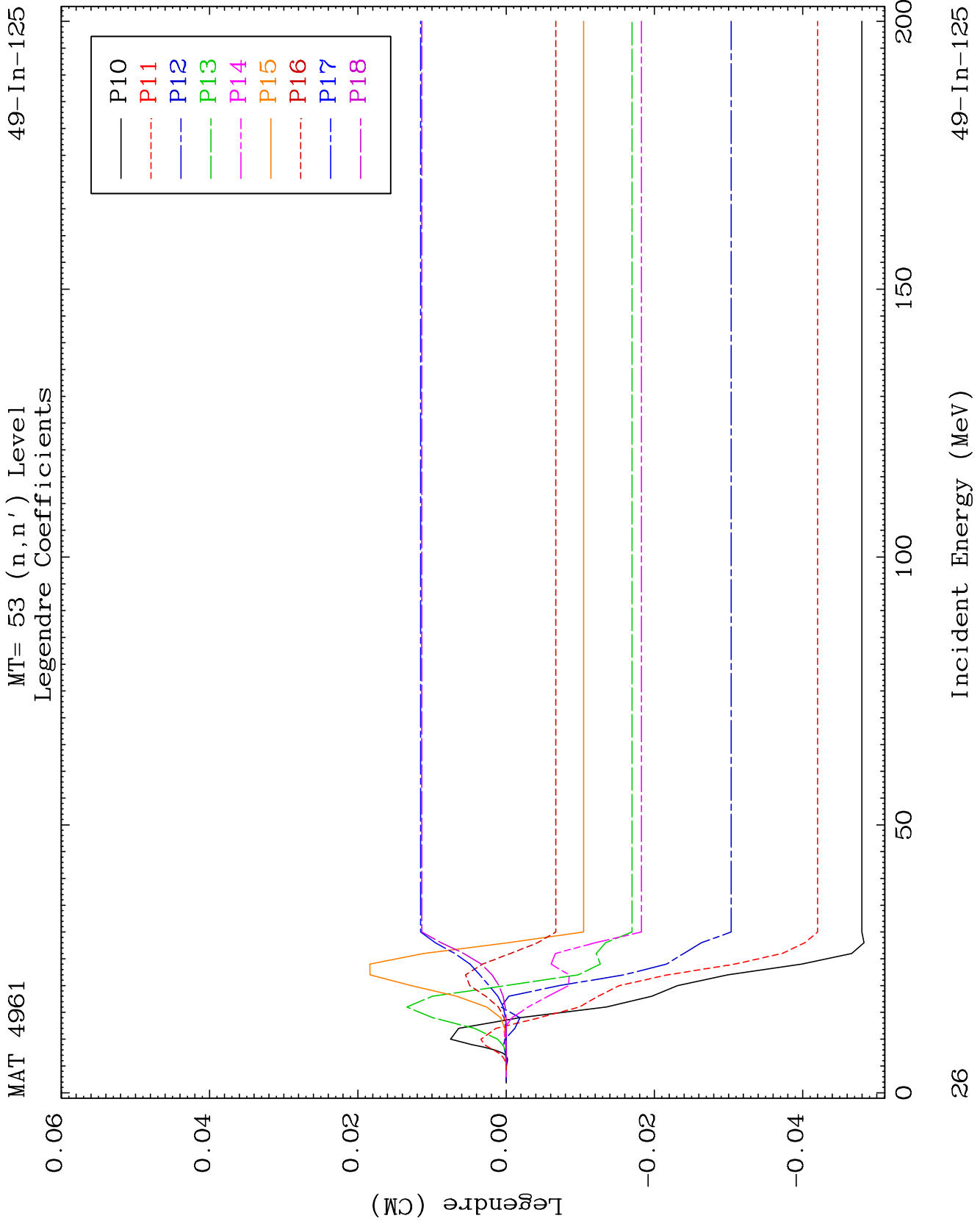
23

Incident Energy (MeV)

49-In-125



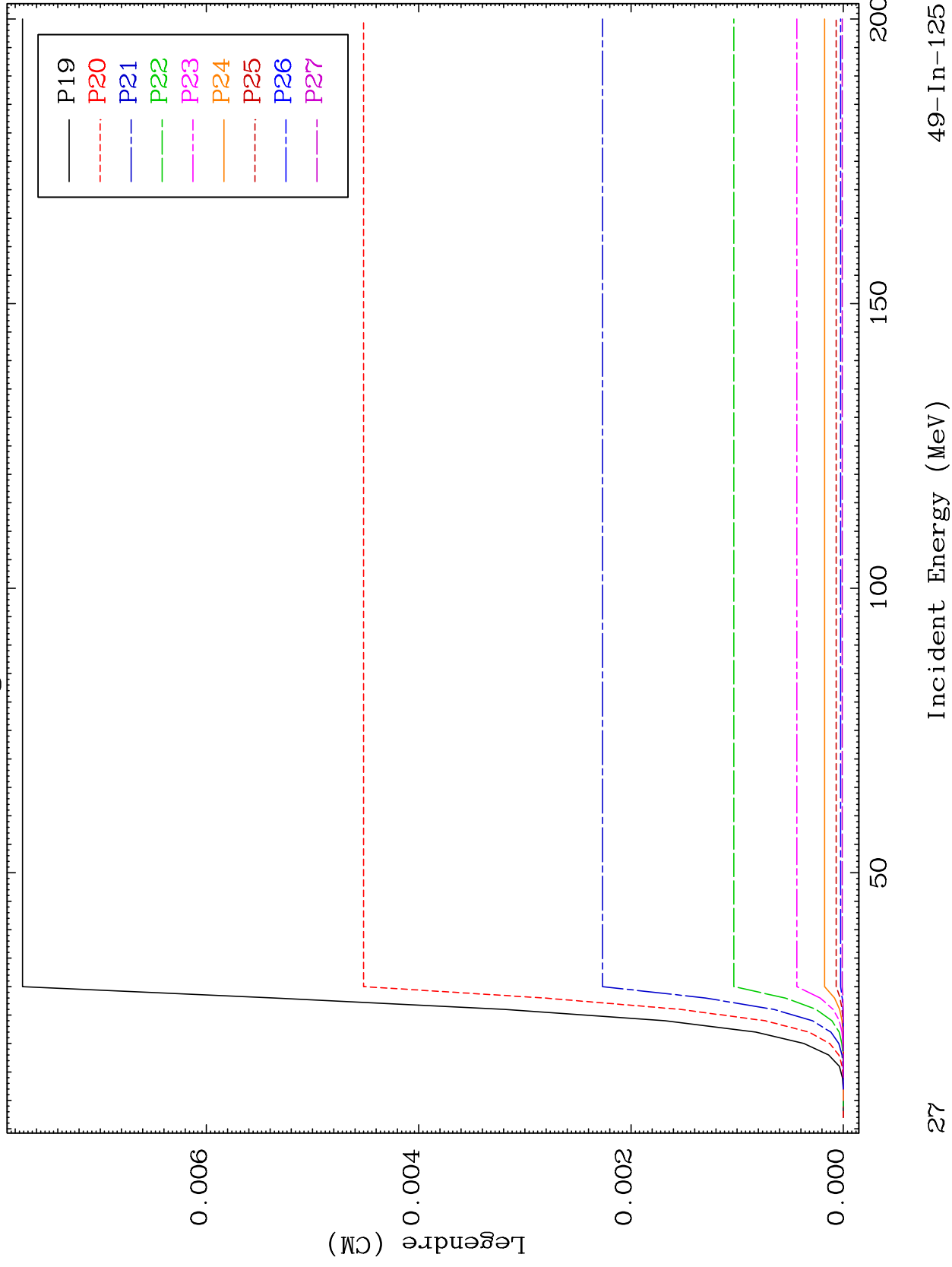




MAT 4961

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

49-In-125



27

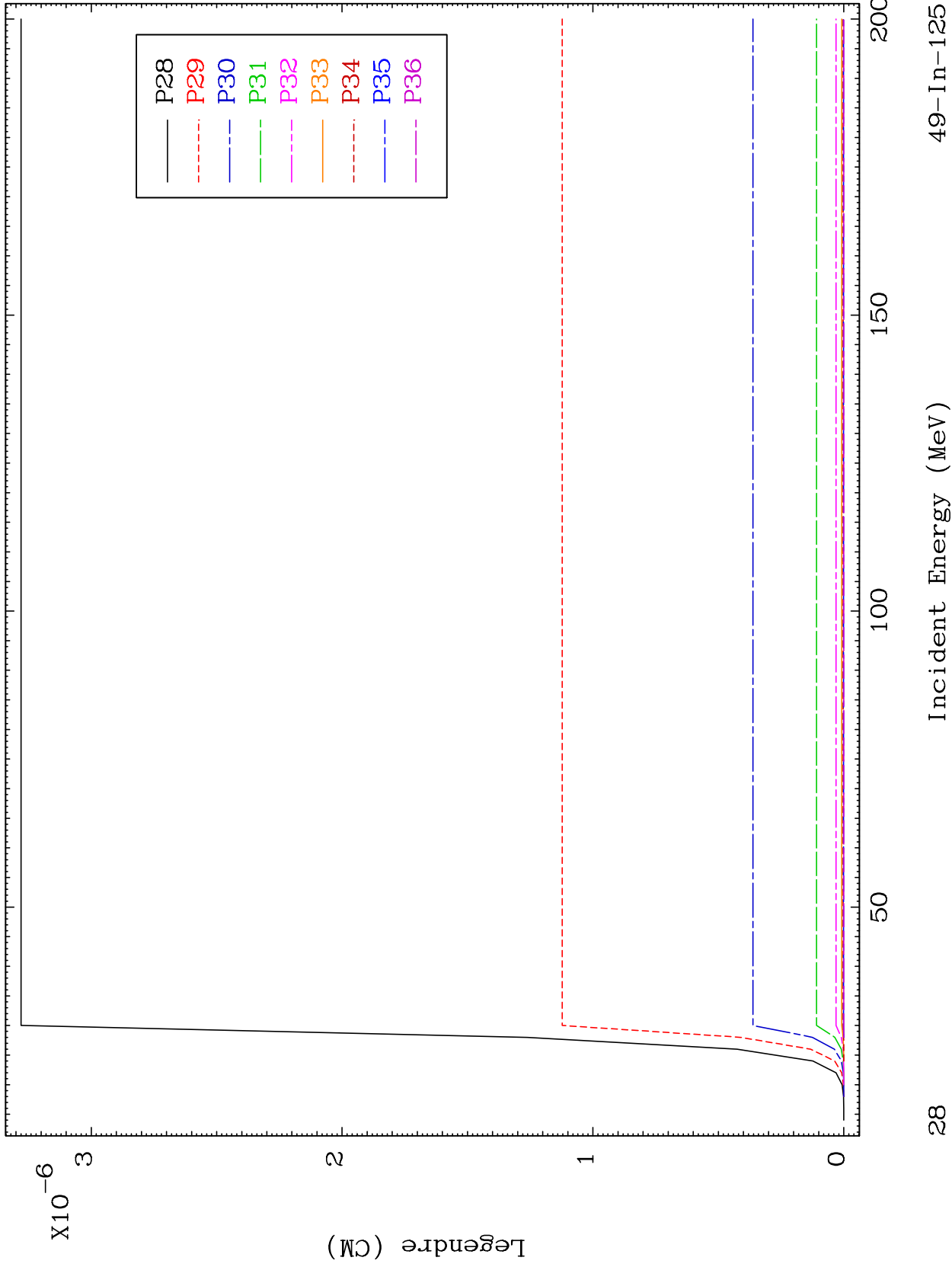
Incident Energy (MeV)

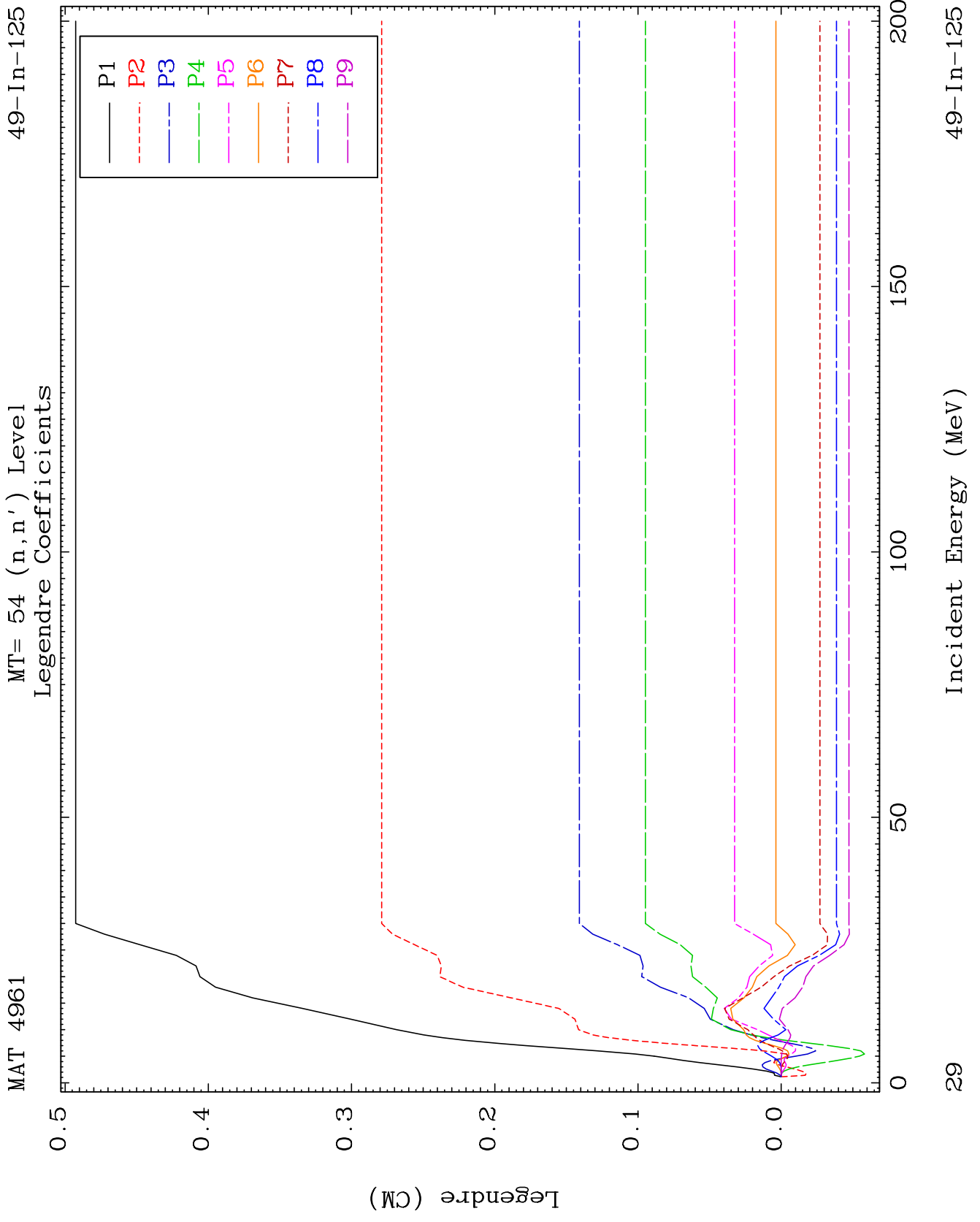
49-In-125

MAT 4961

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

49-In-125

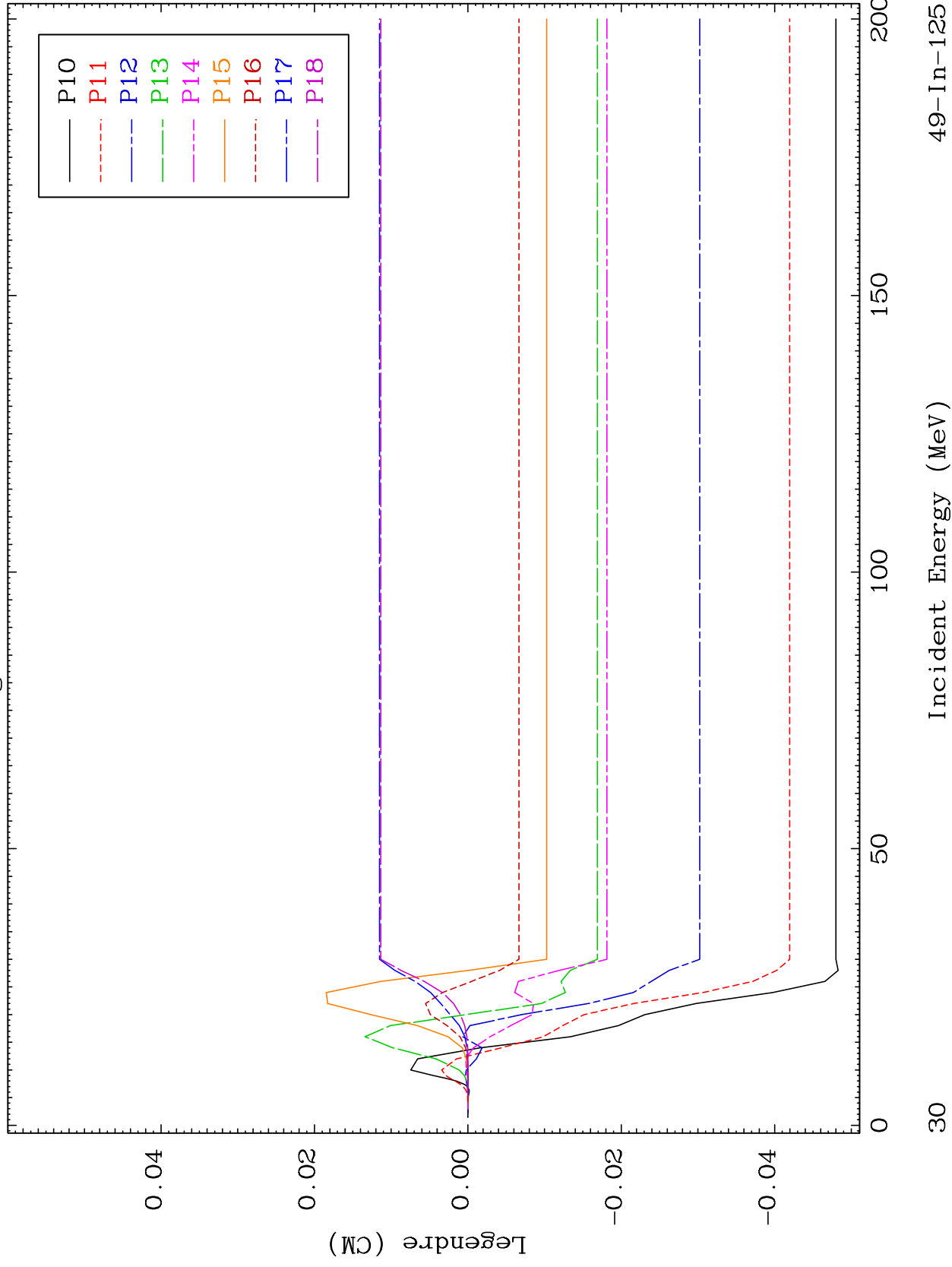




MAT 4961

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

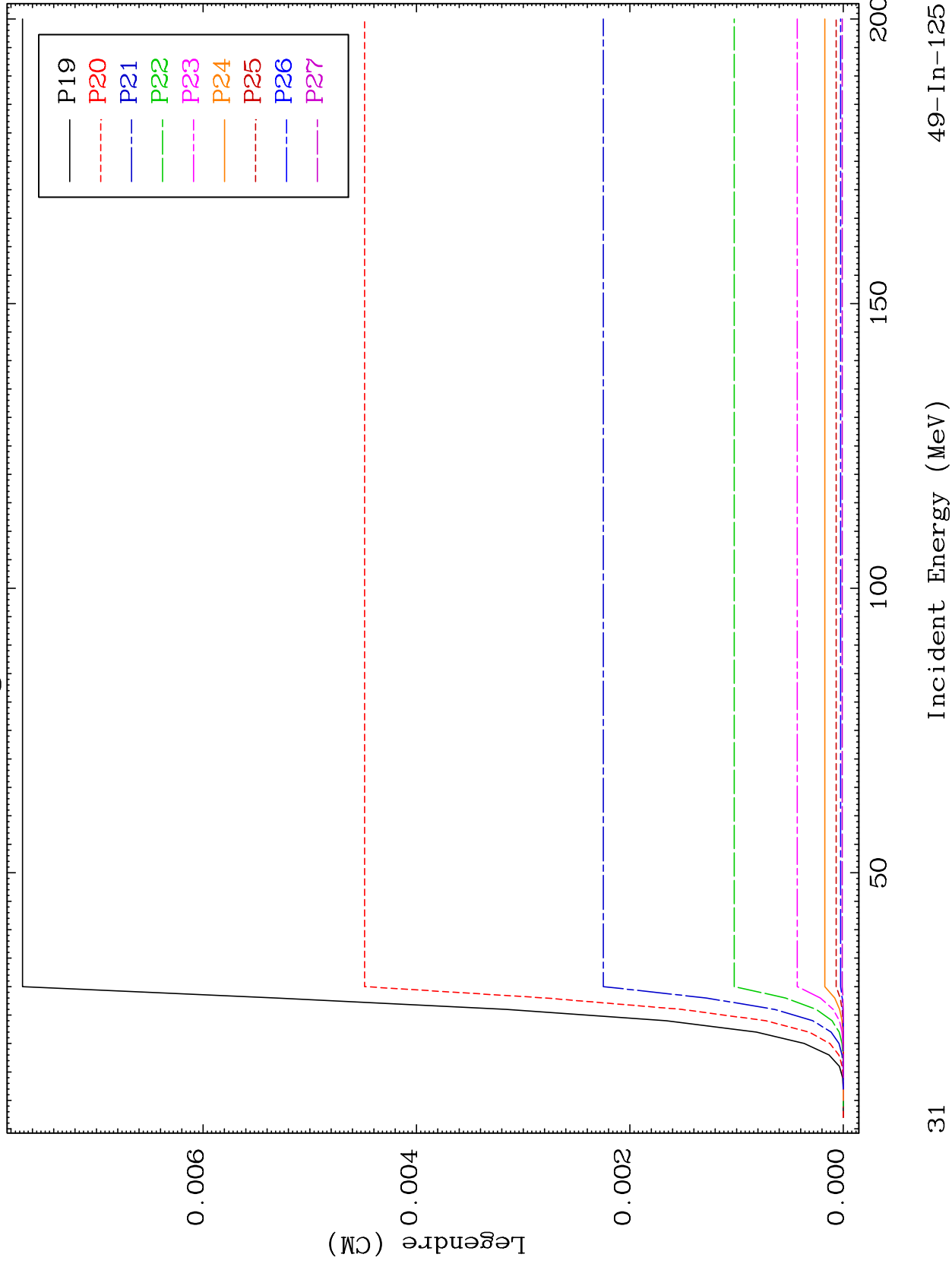
49-In-125



MAT 4961

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

49-In-125



31

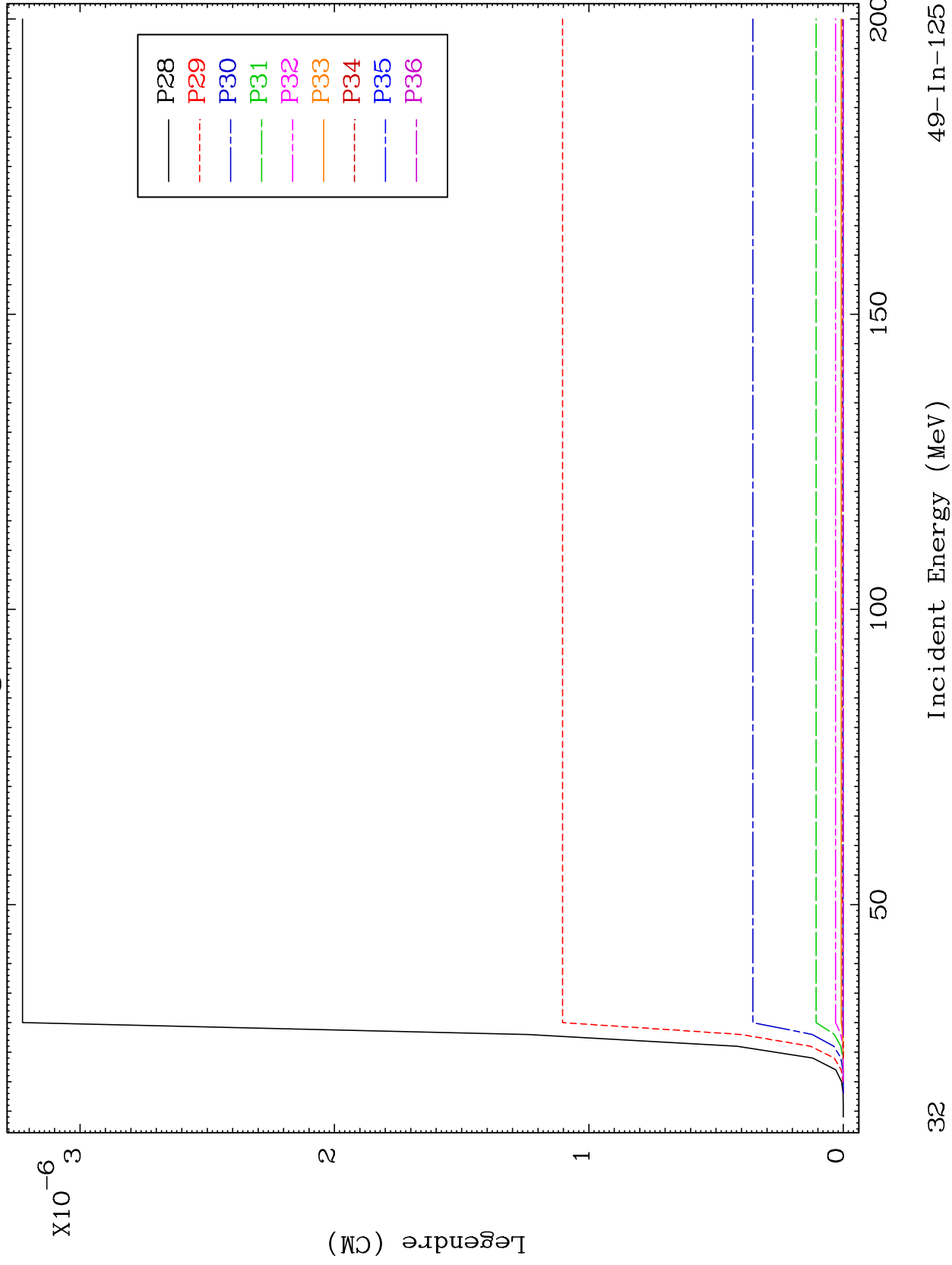
Incident Energy (MeV)

49-In-125

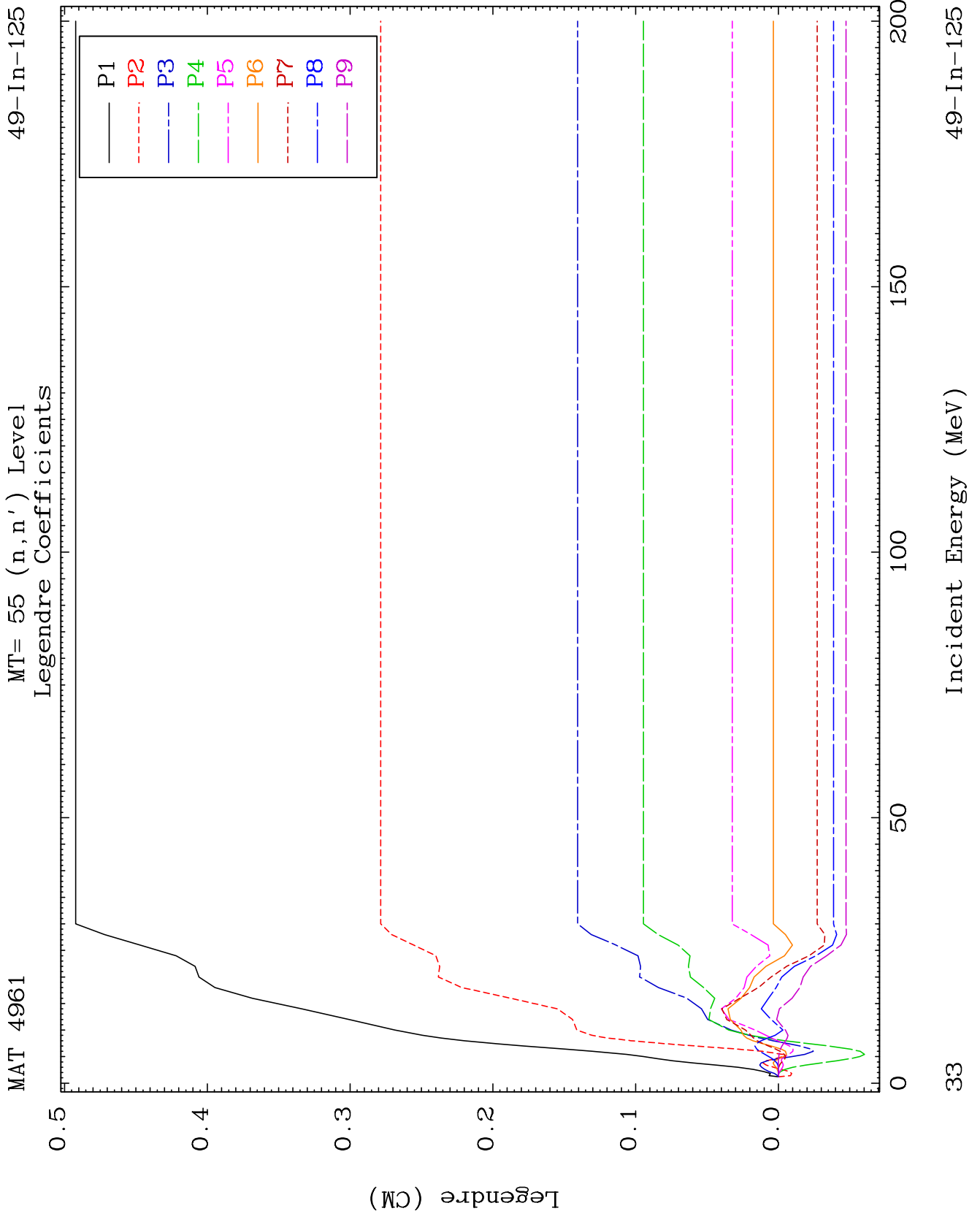
MAT 4961

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

49-In-125



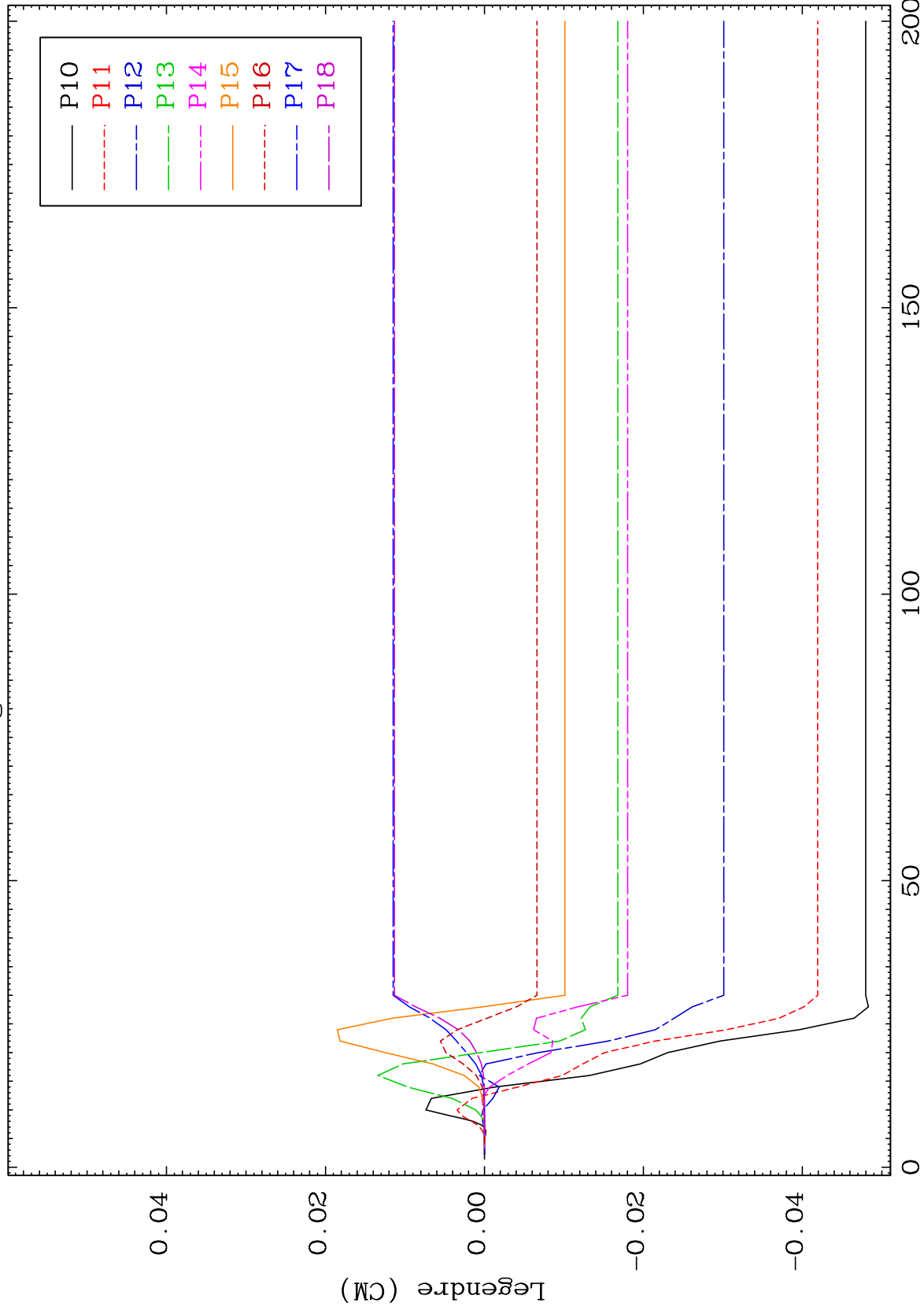
32



MAT 4961

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

49-In-125



34

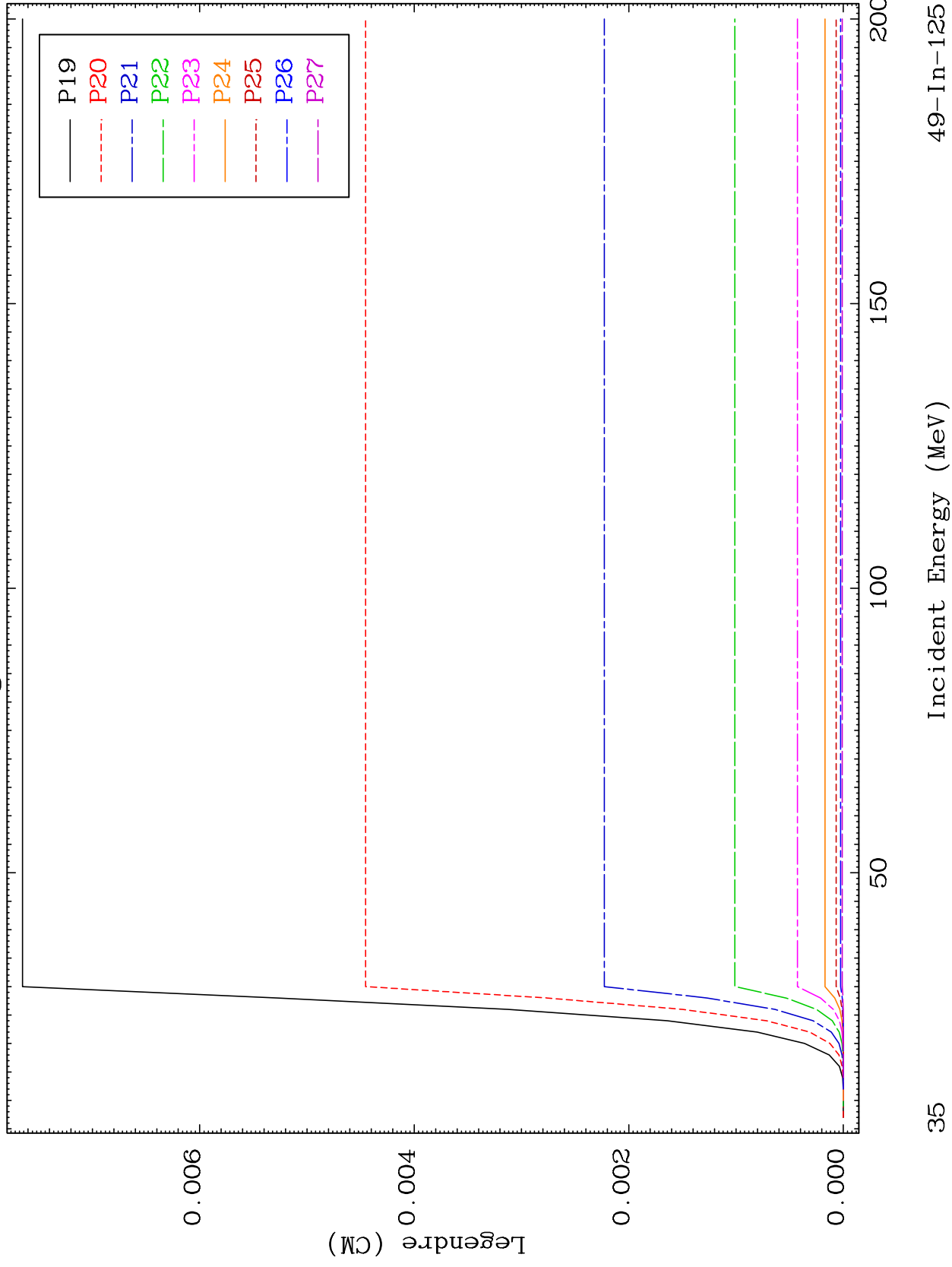
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



35

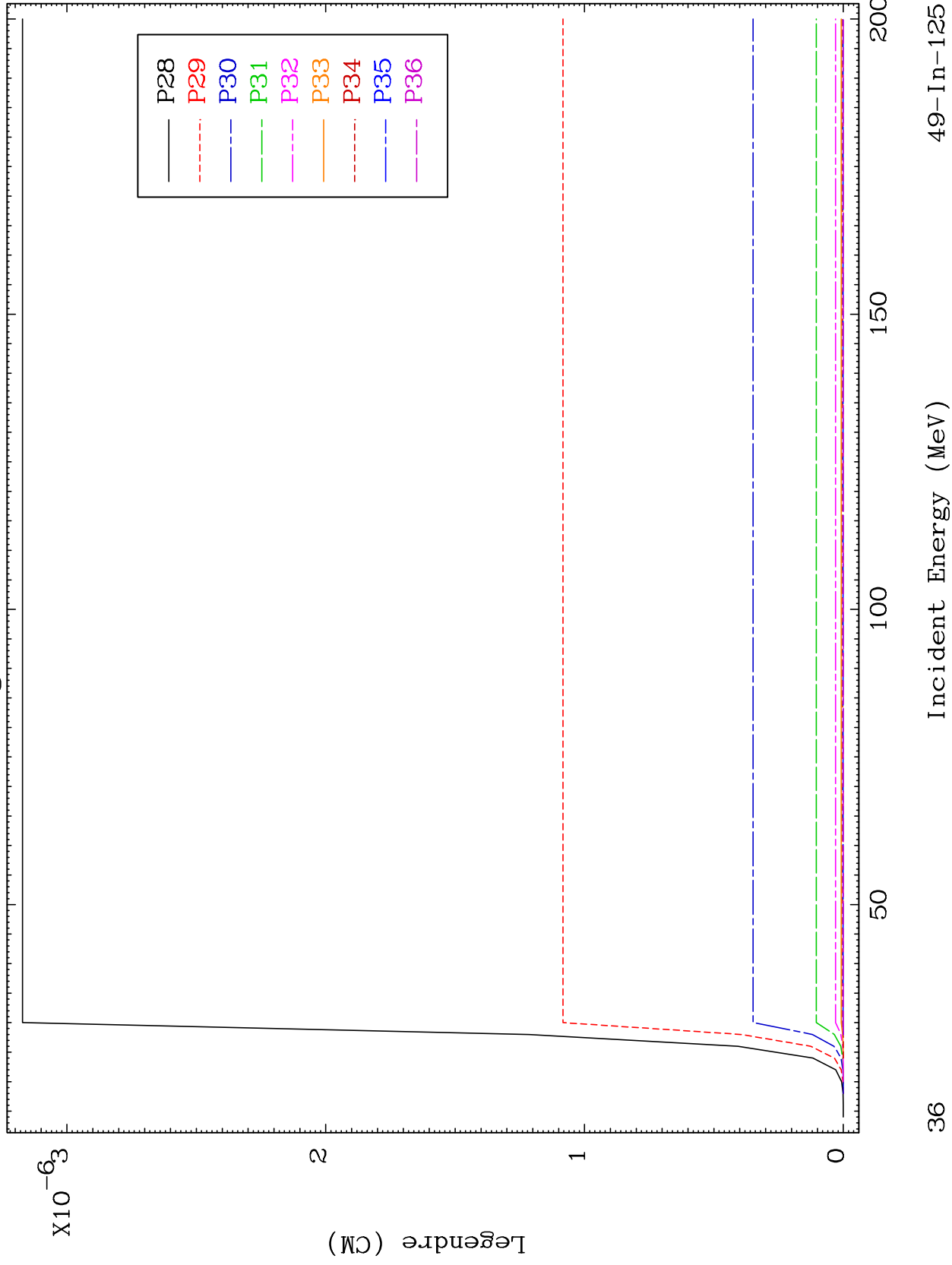
Incident Energy (MeV)

49-In-125

MAT 4961

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

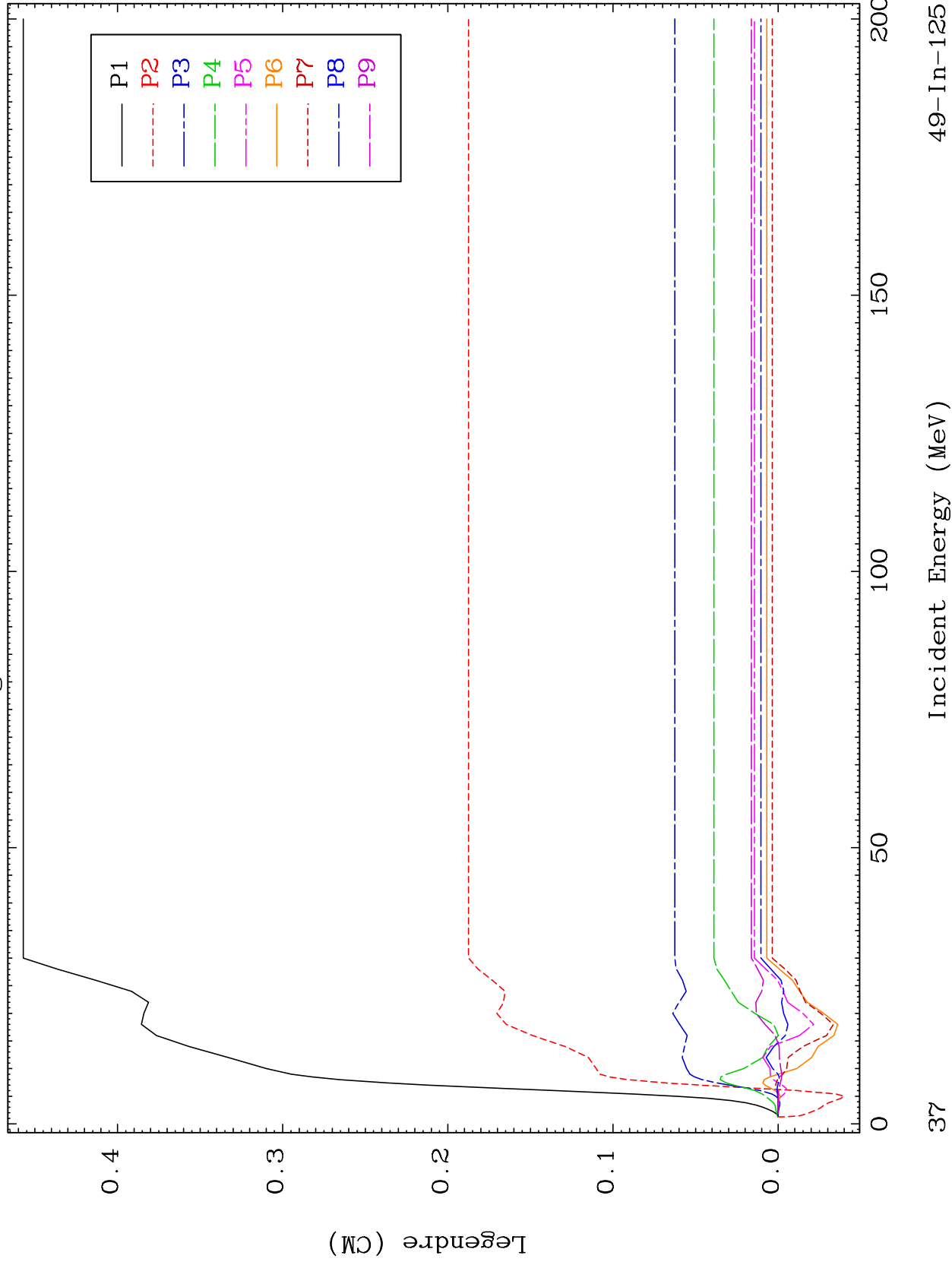
49-In-125



MAT 4961

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

49-In-125



49-In-125

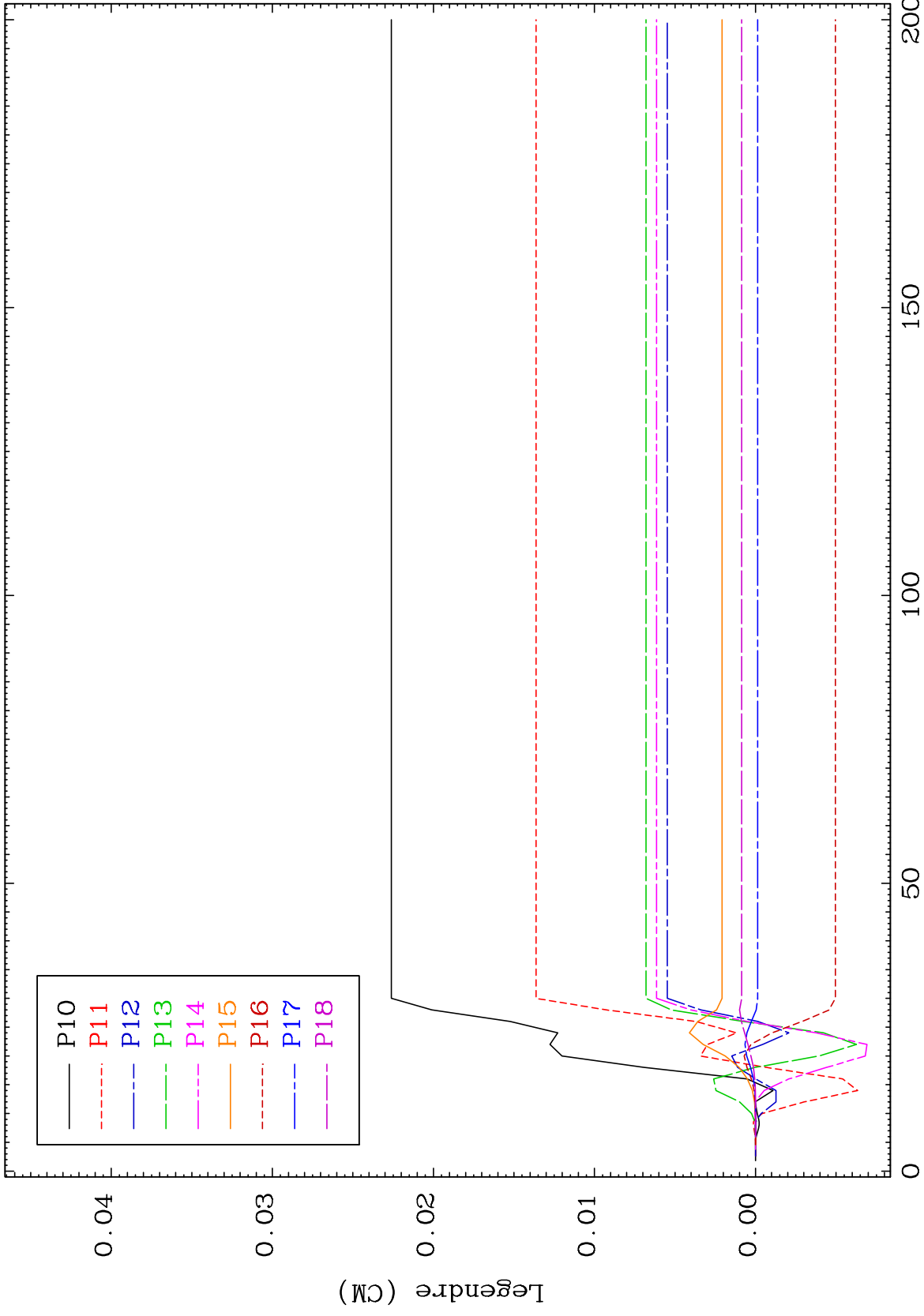
Incident Energy (MeV)

37

MAT 4961

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

49-In-125



38

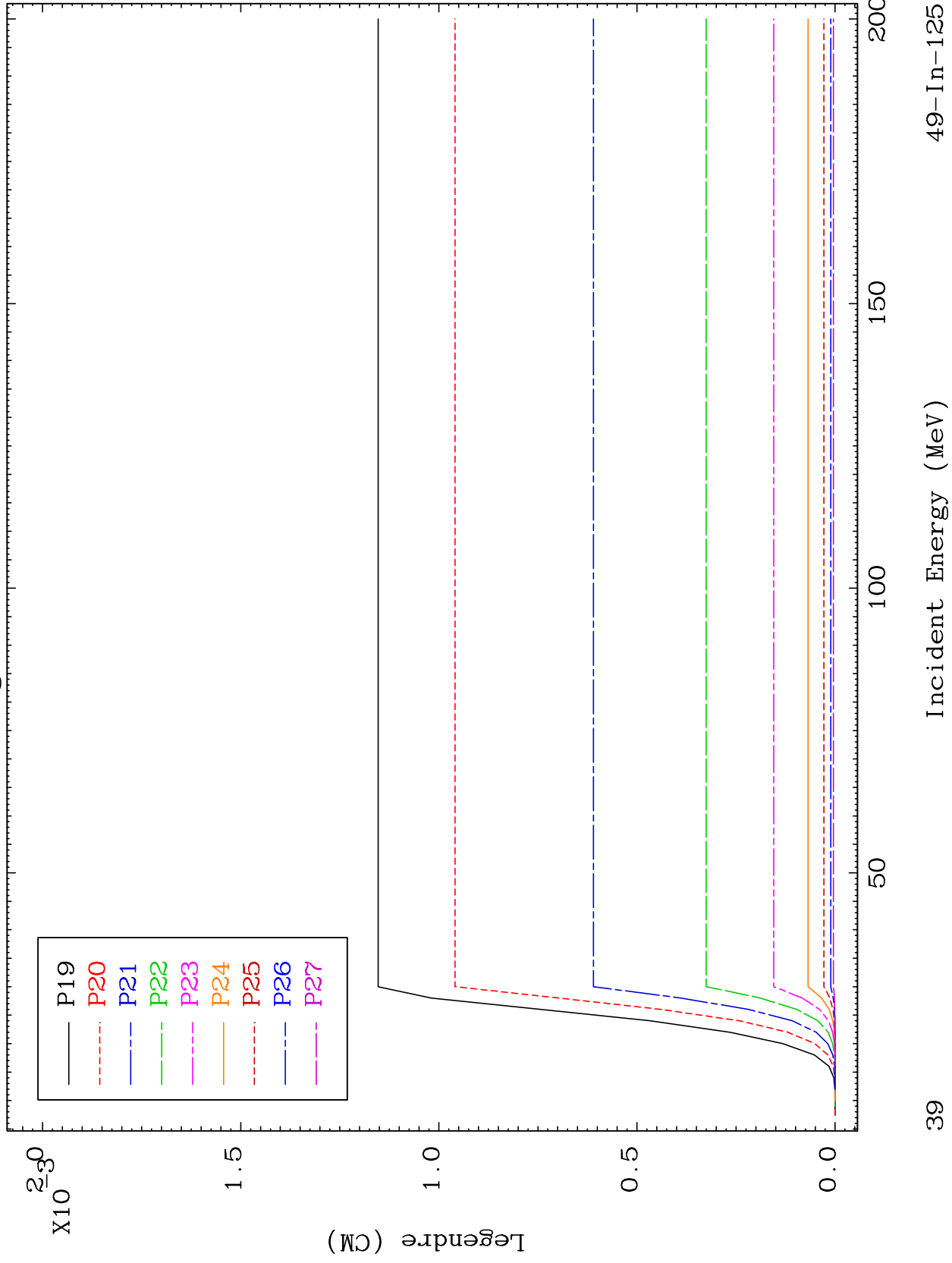
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125

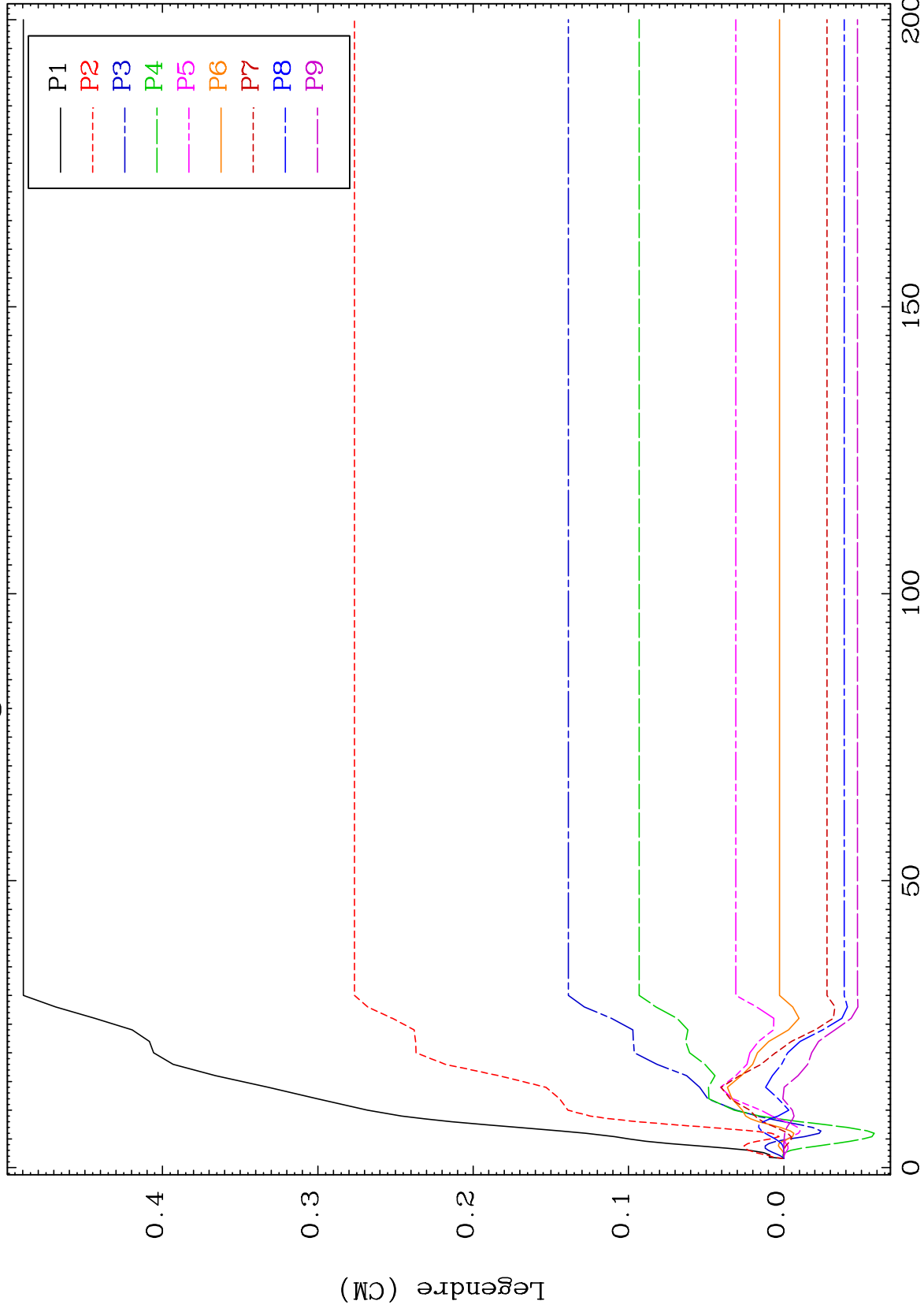


MAT 4961

MT= 57 (n,n') Level

49-In-125

Legendre Coefficients



41

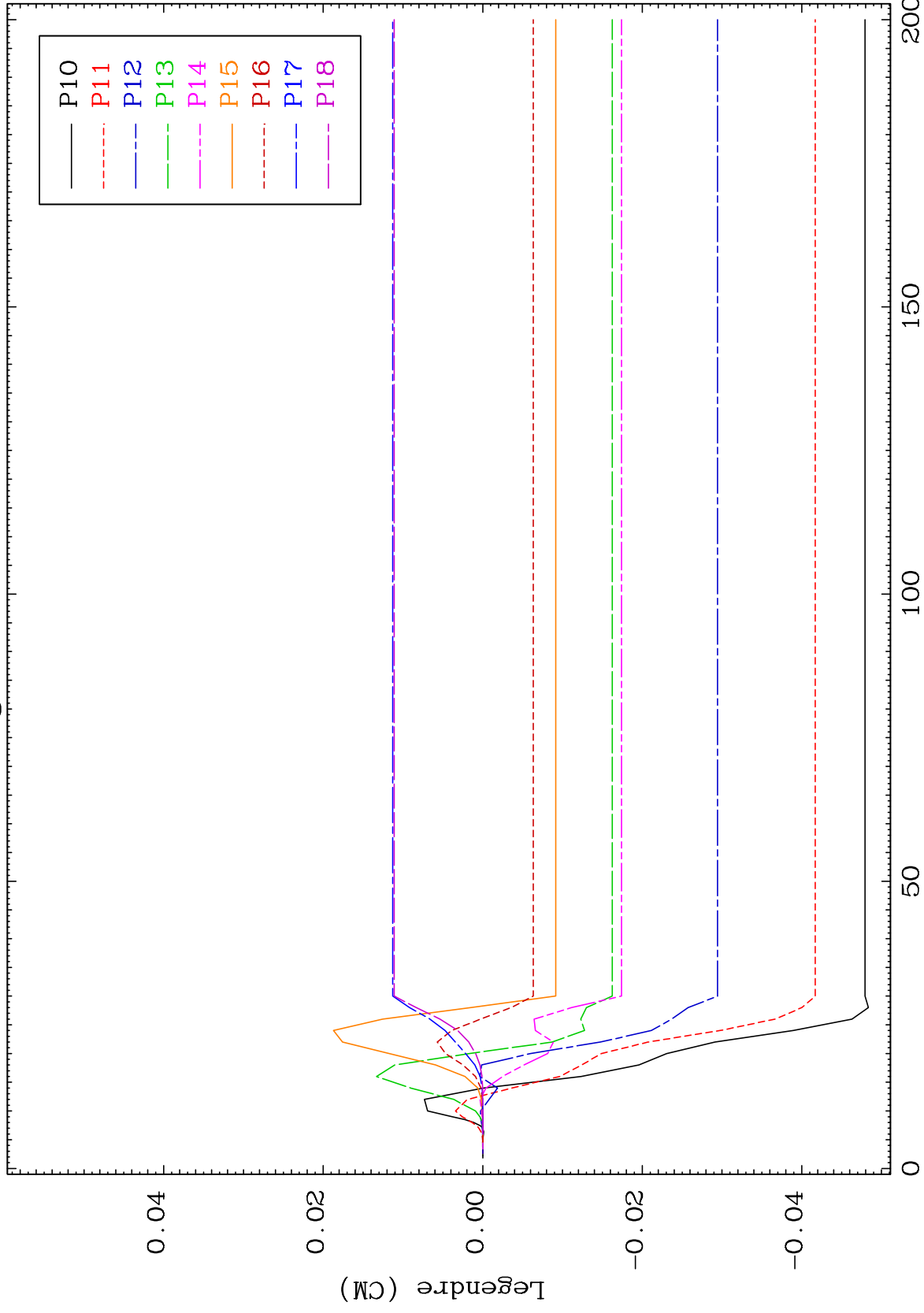
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



42

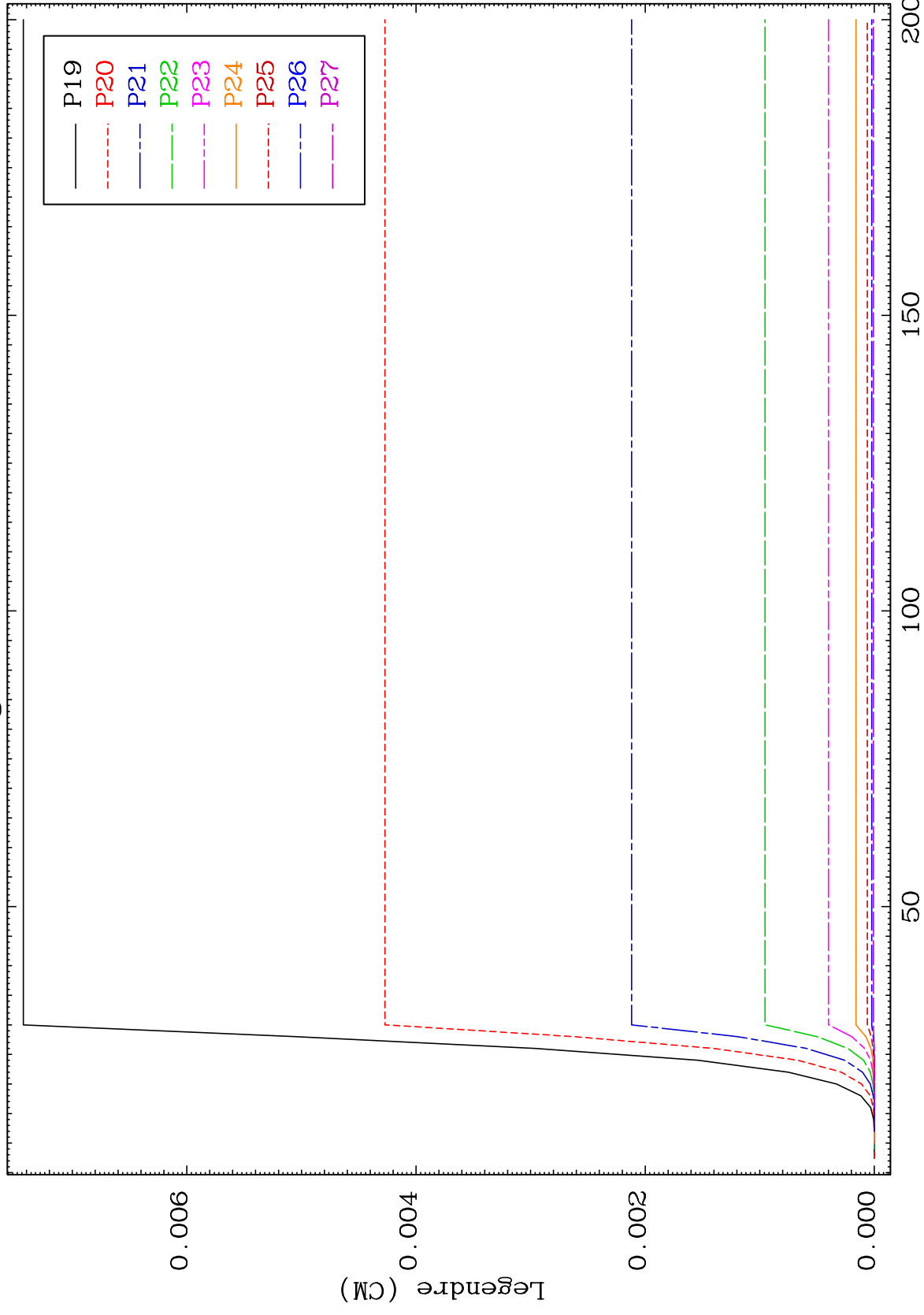
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



43

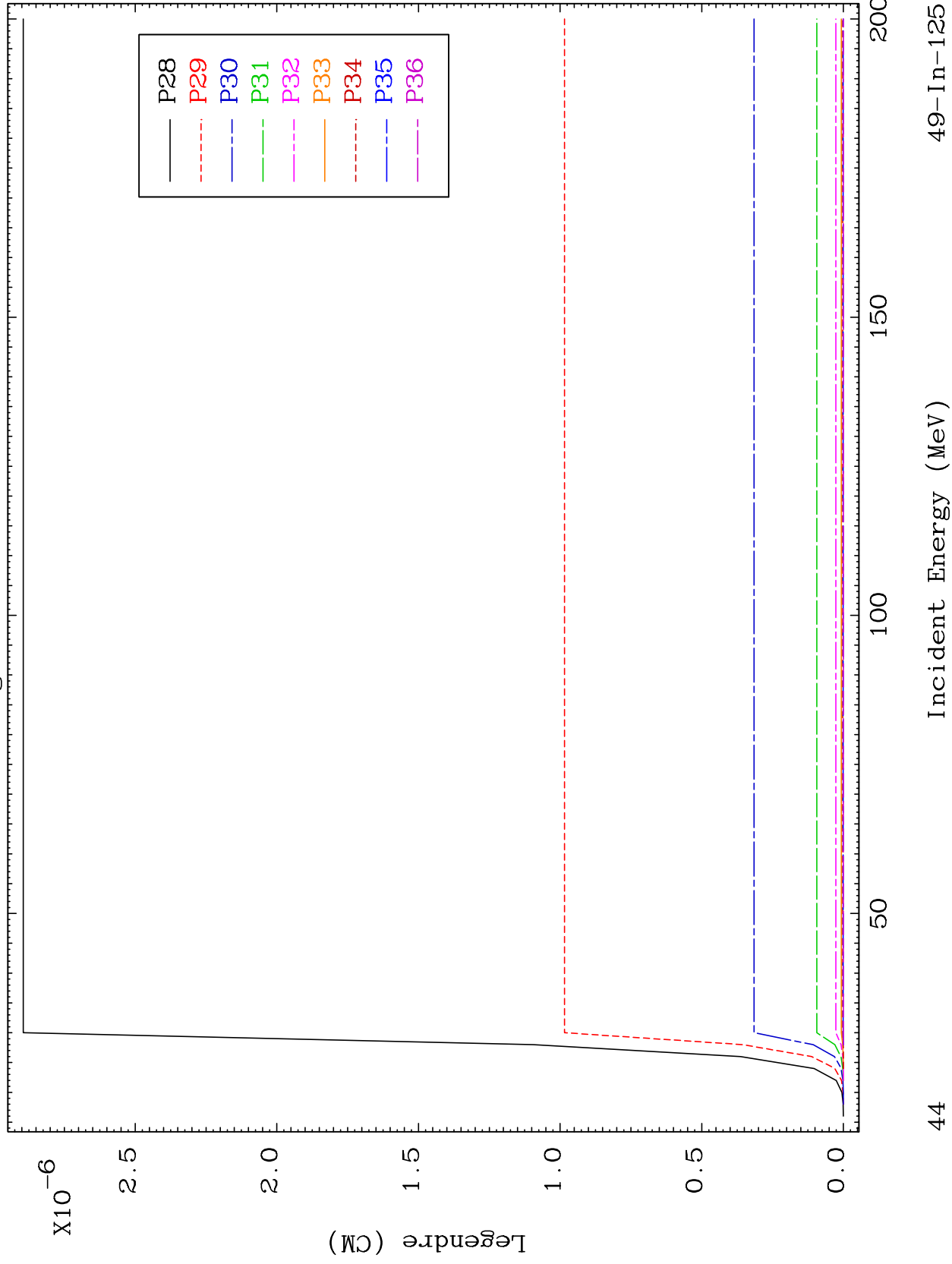
Incident Energy (MeV)

49-In-125

MAT 4961

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

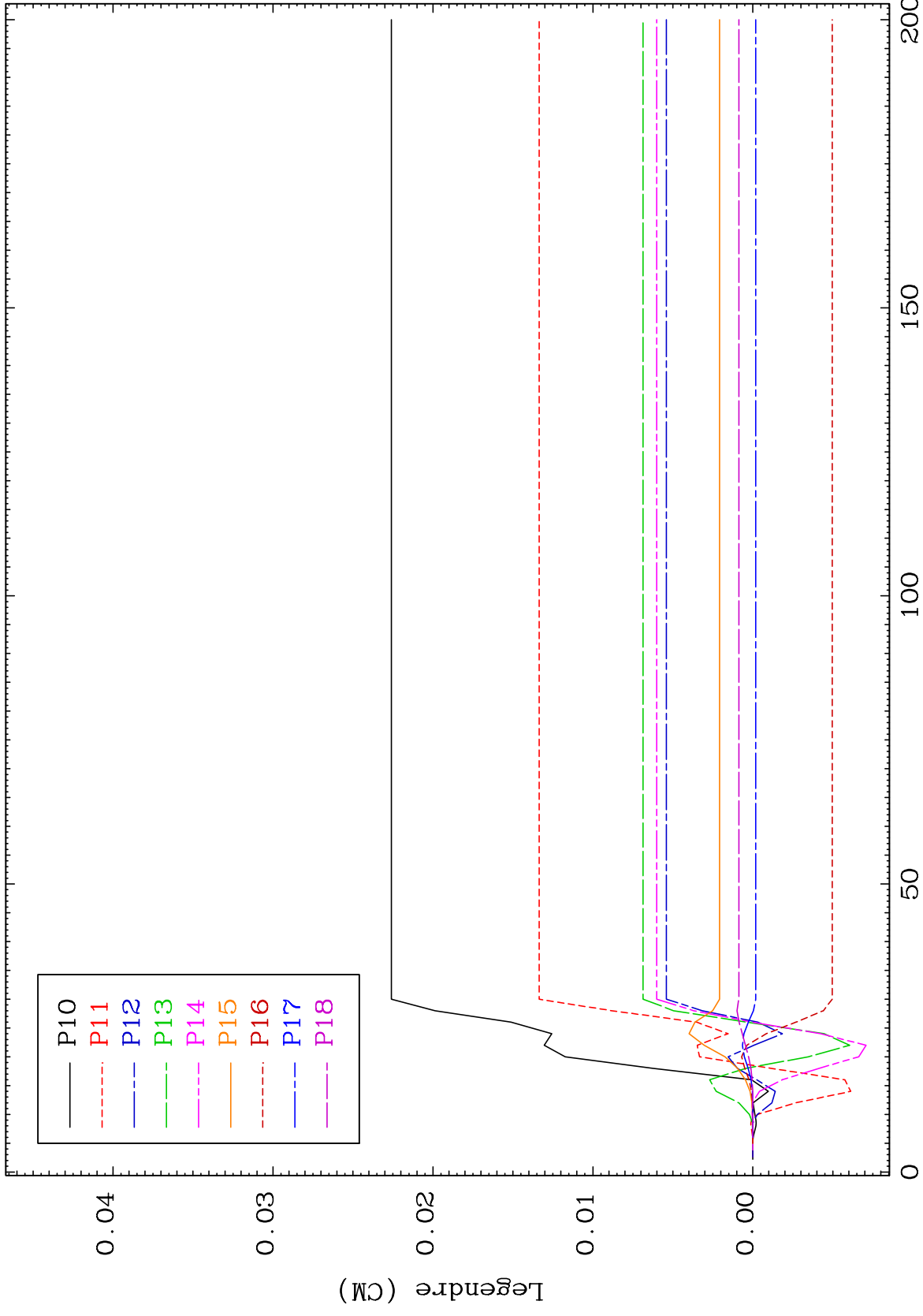
49-In-125



MAT 4961

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

49-In-125



46

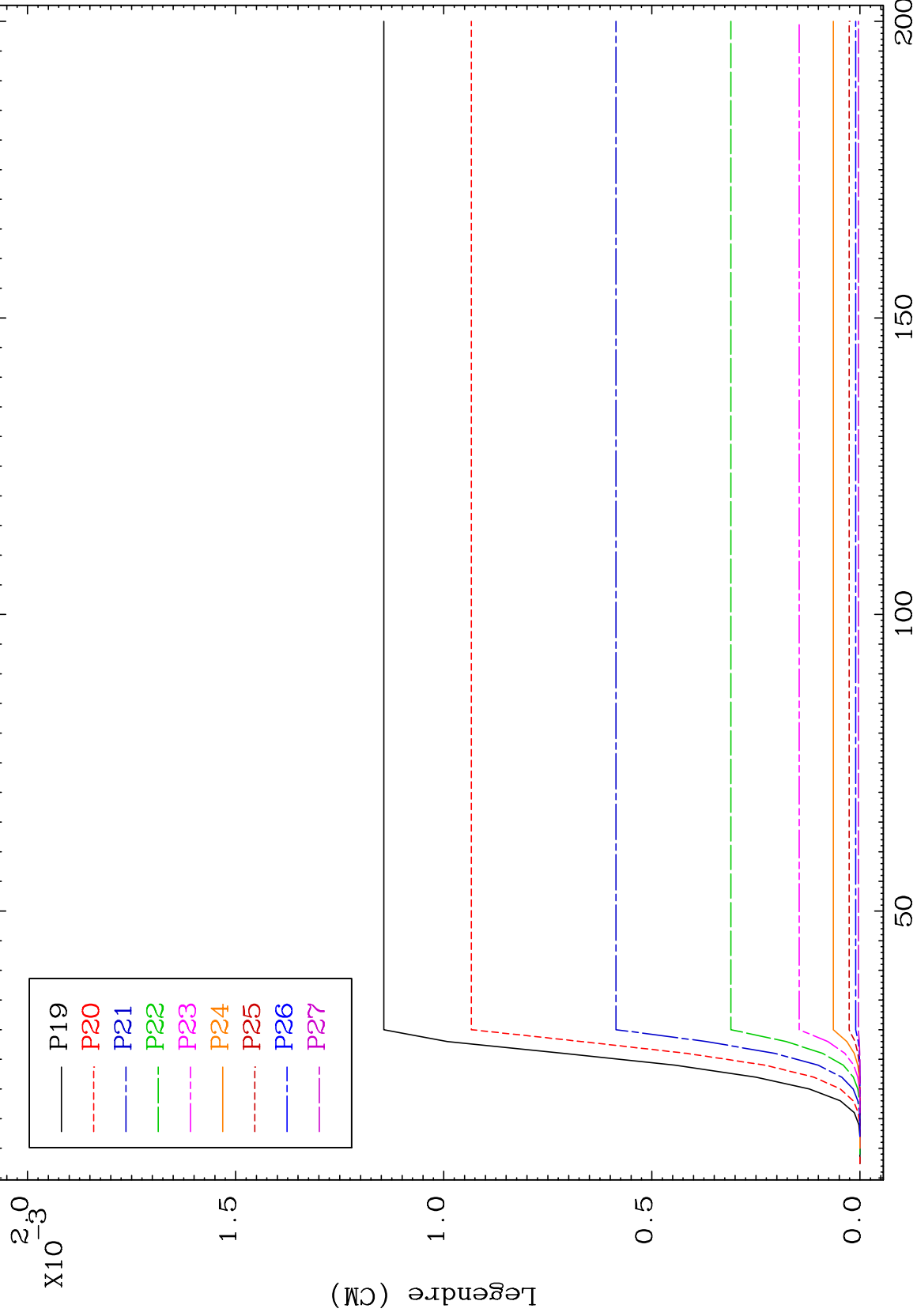
Incident Energy (MeV)

49-In-125

MAT 4961

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

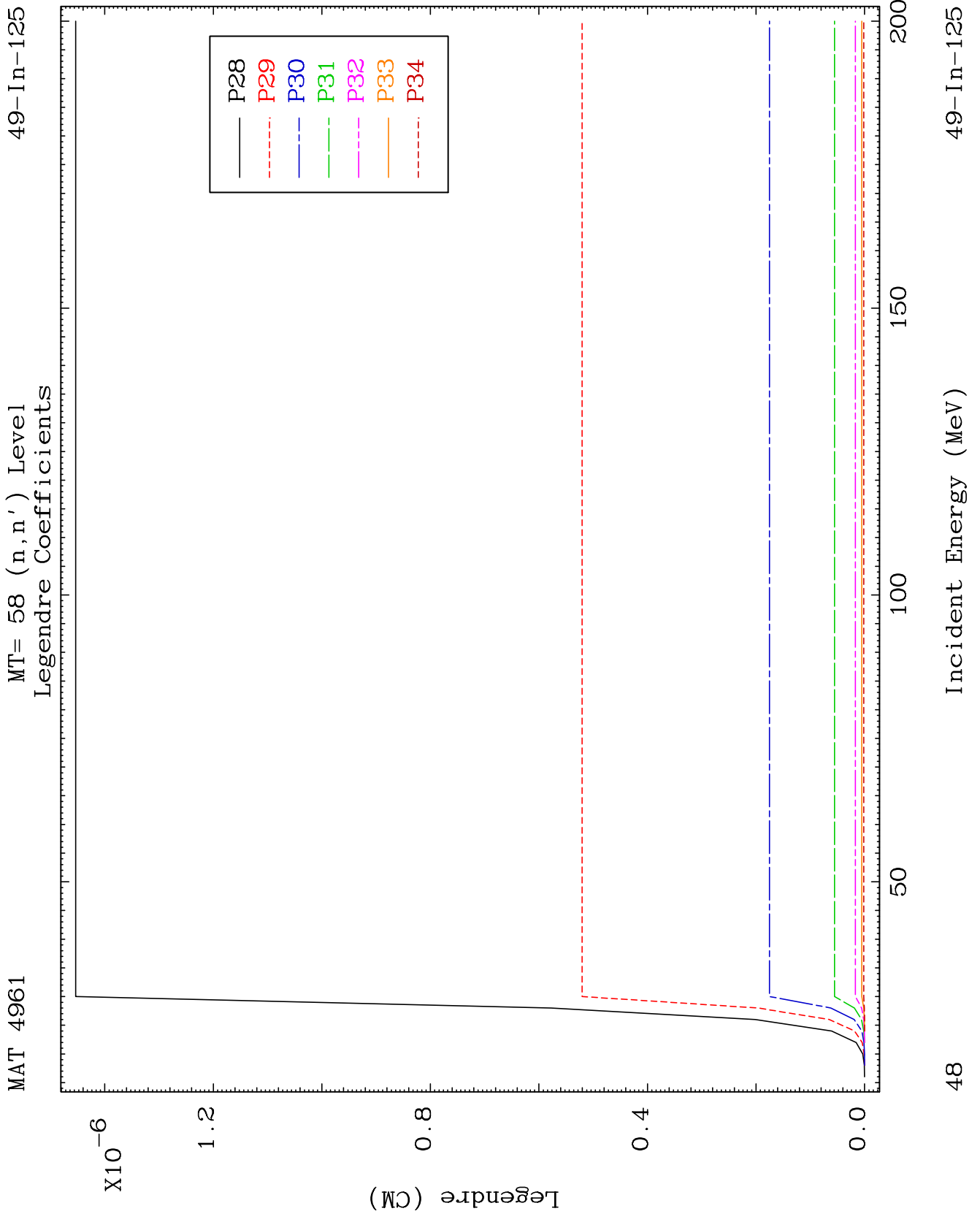
49-In-125



47

Incident Energy (MeV)

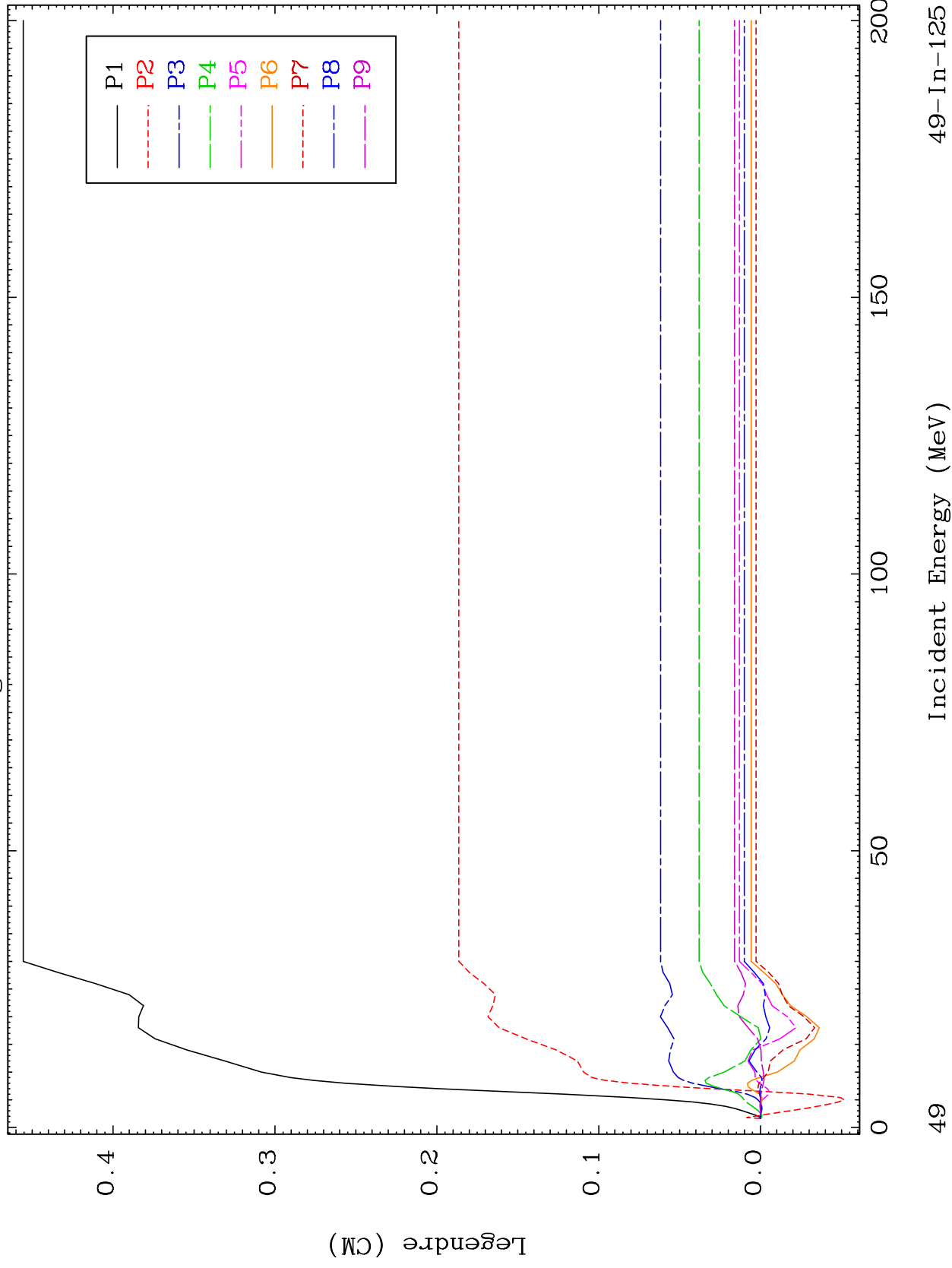
49-In-125



MAT 4961

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

49-In-125



49-In-125

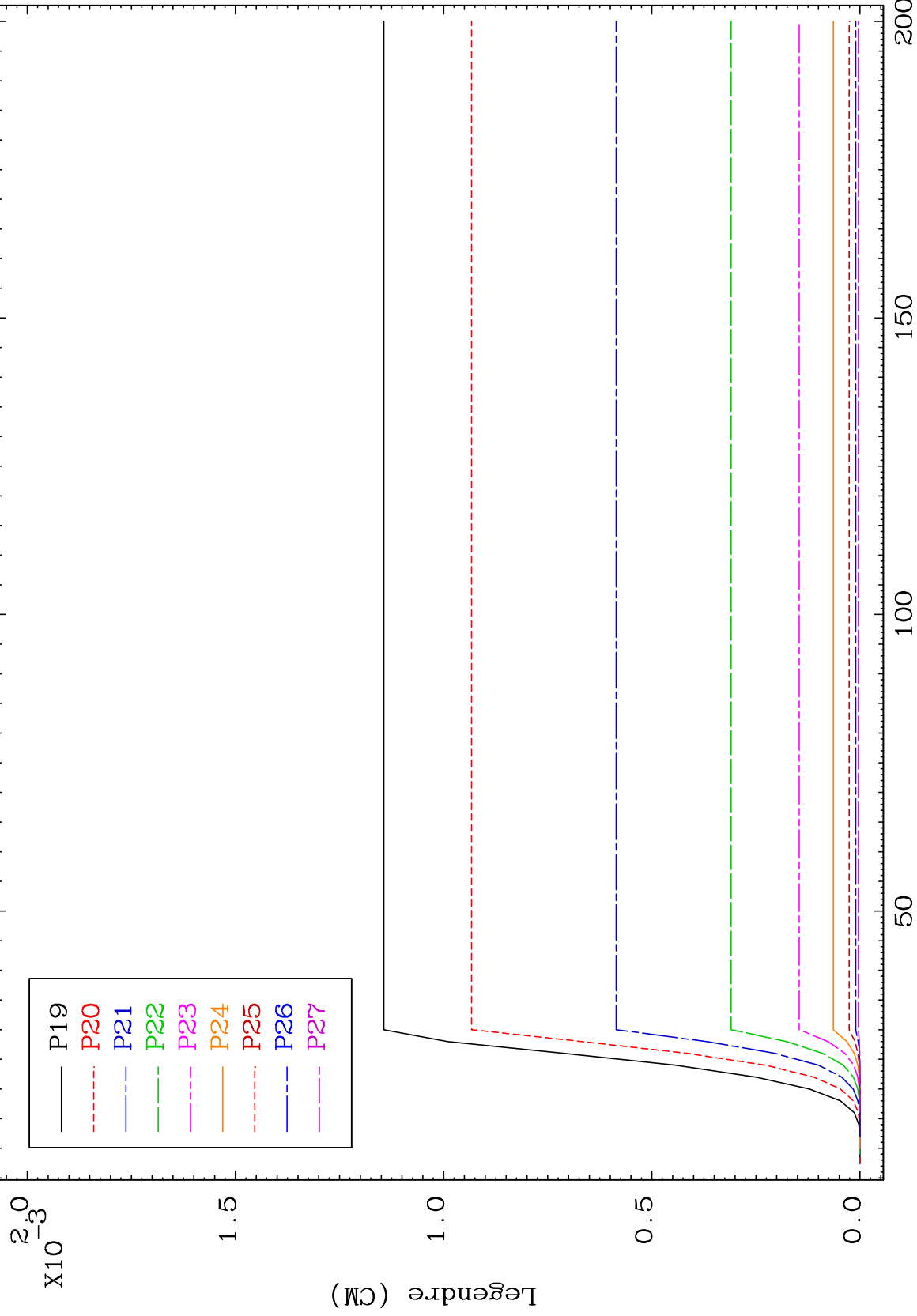
Incident Energy (MeV)

49

MAT 4961

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

49-In-125



51

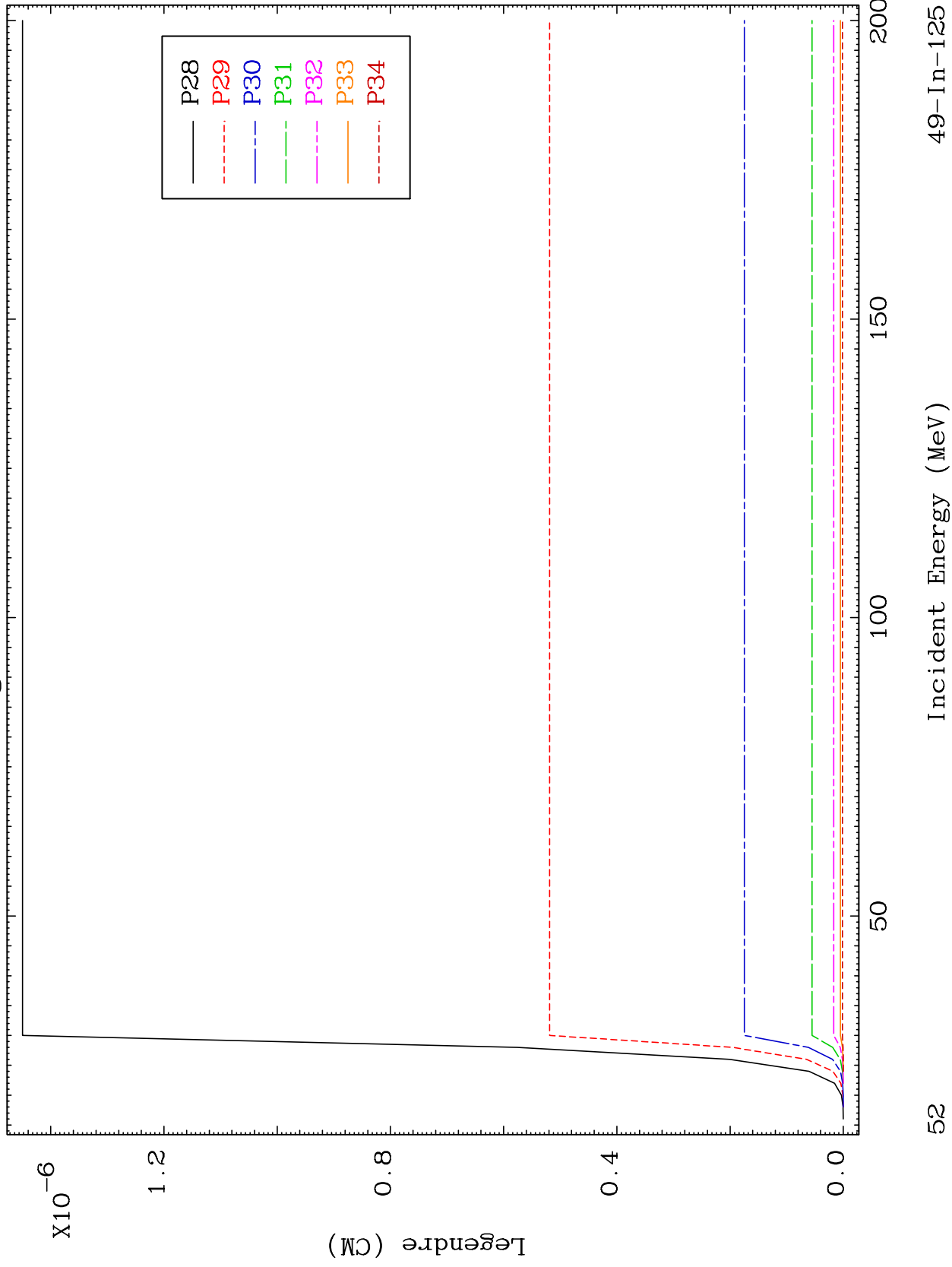
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



52

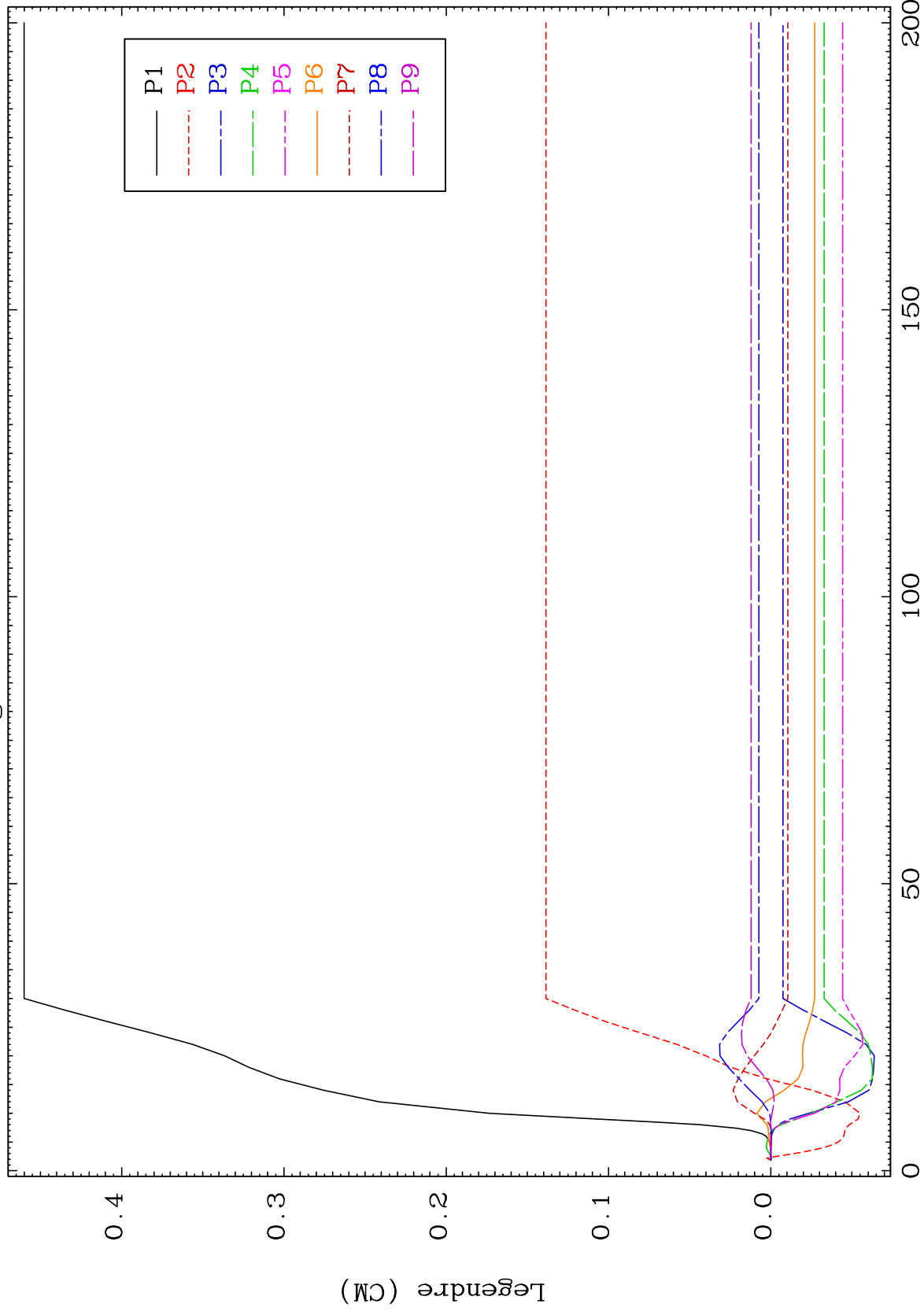
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



53

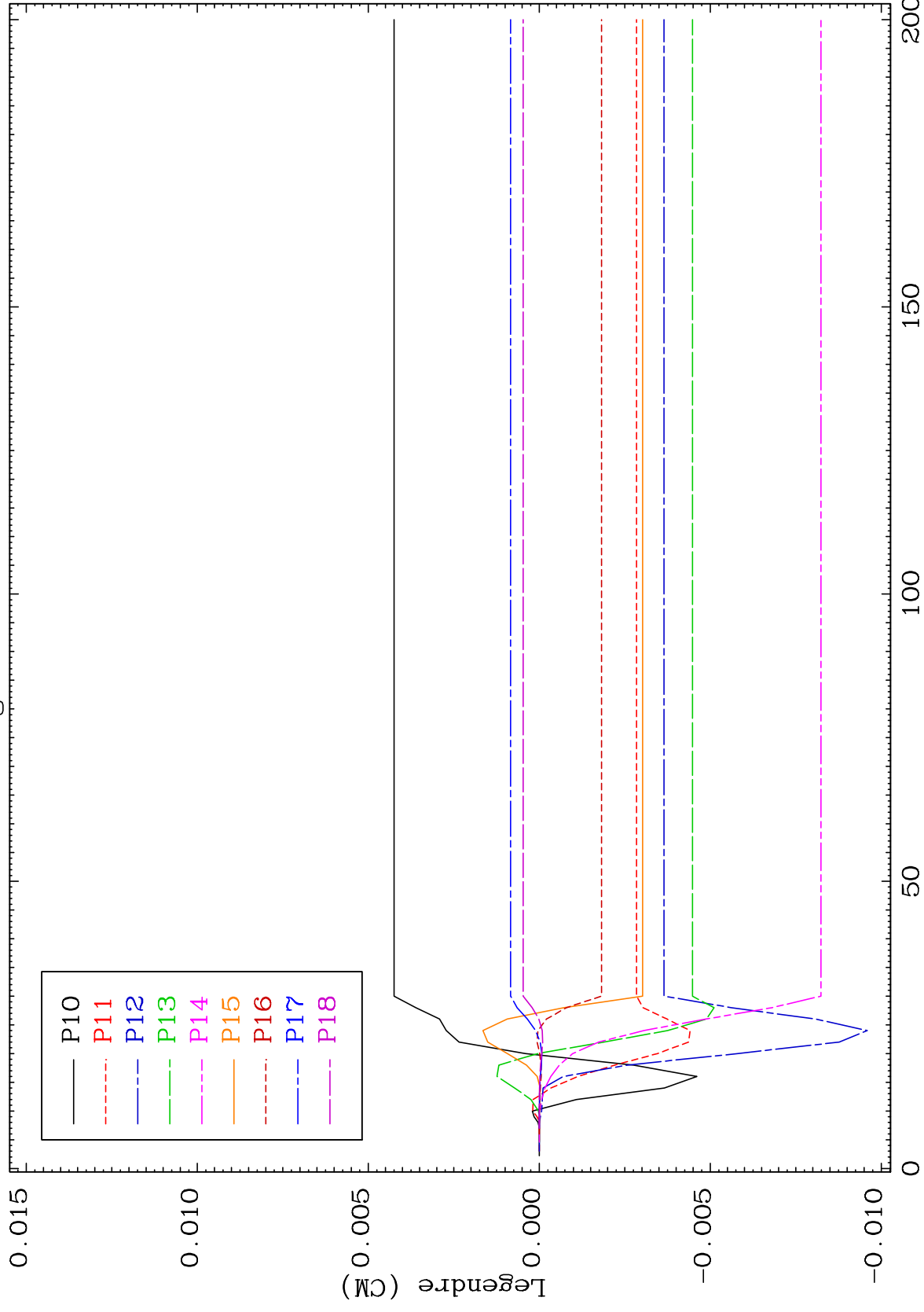
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



54

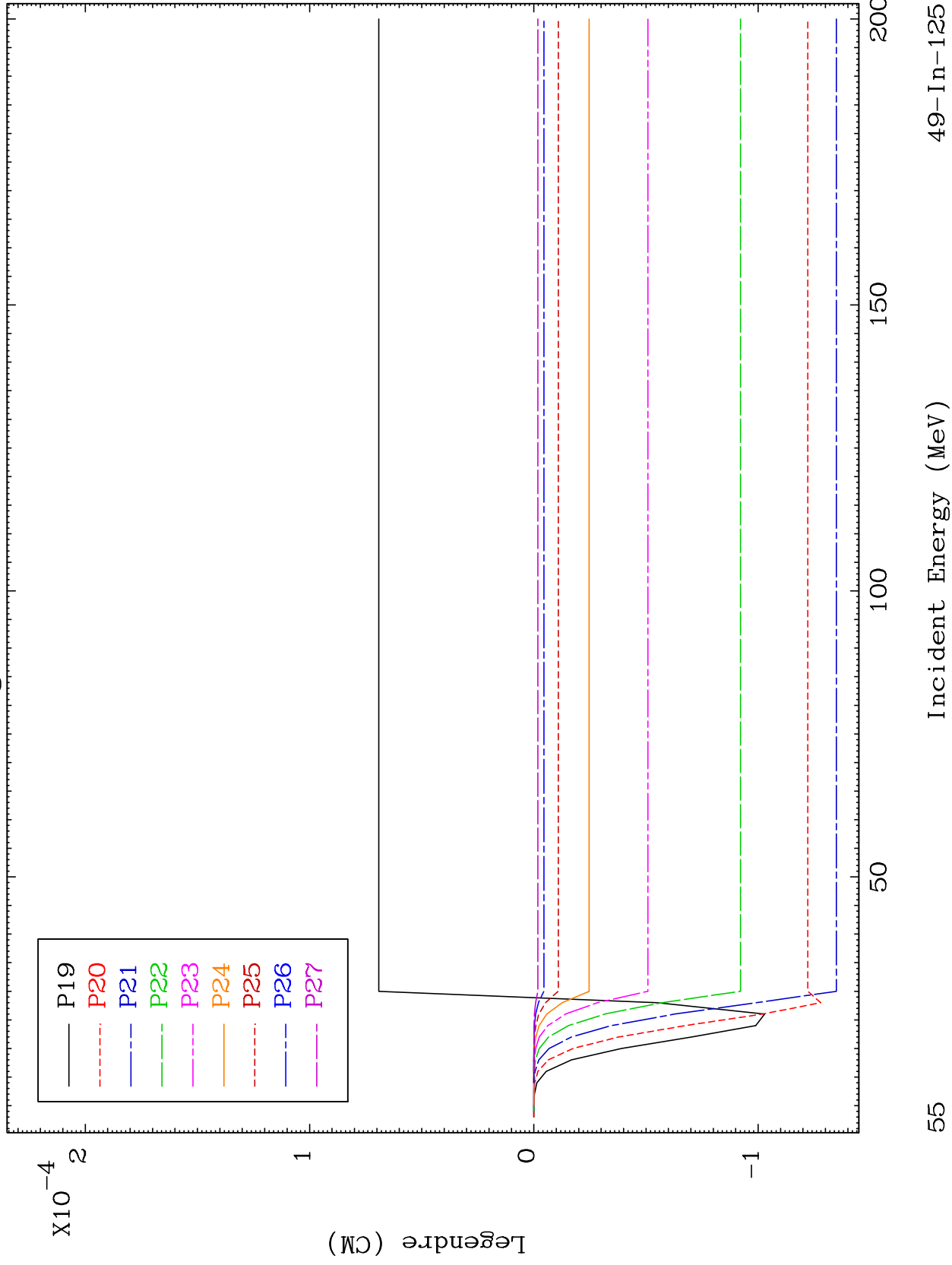
Incident Energy (MeV)

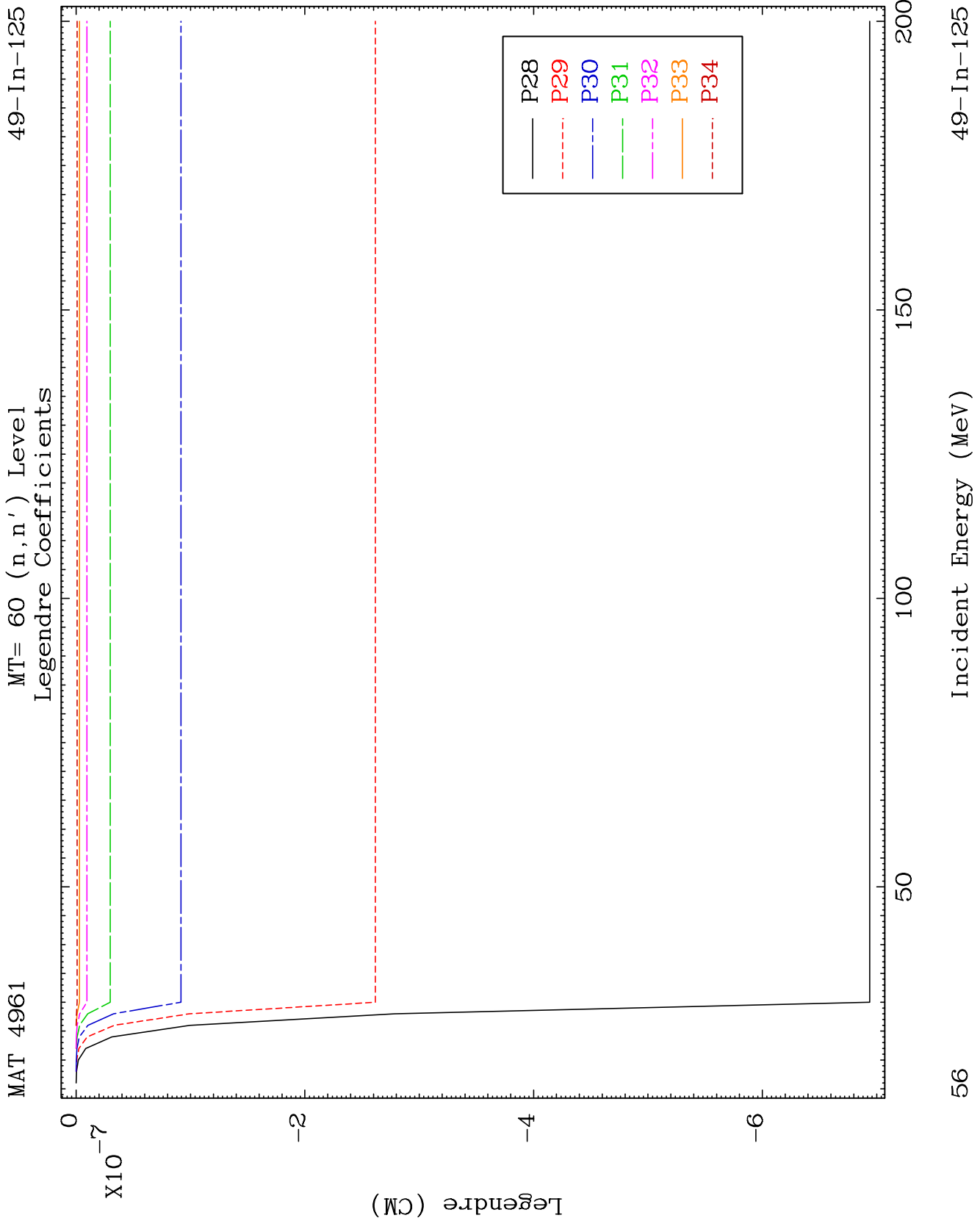
49-In-125

MAT 4961

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

49-In-125

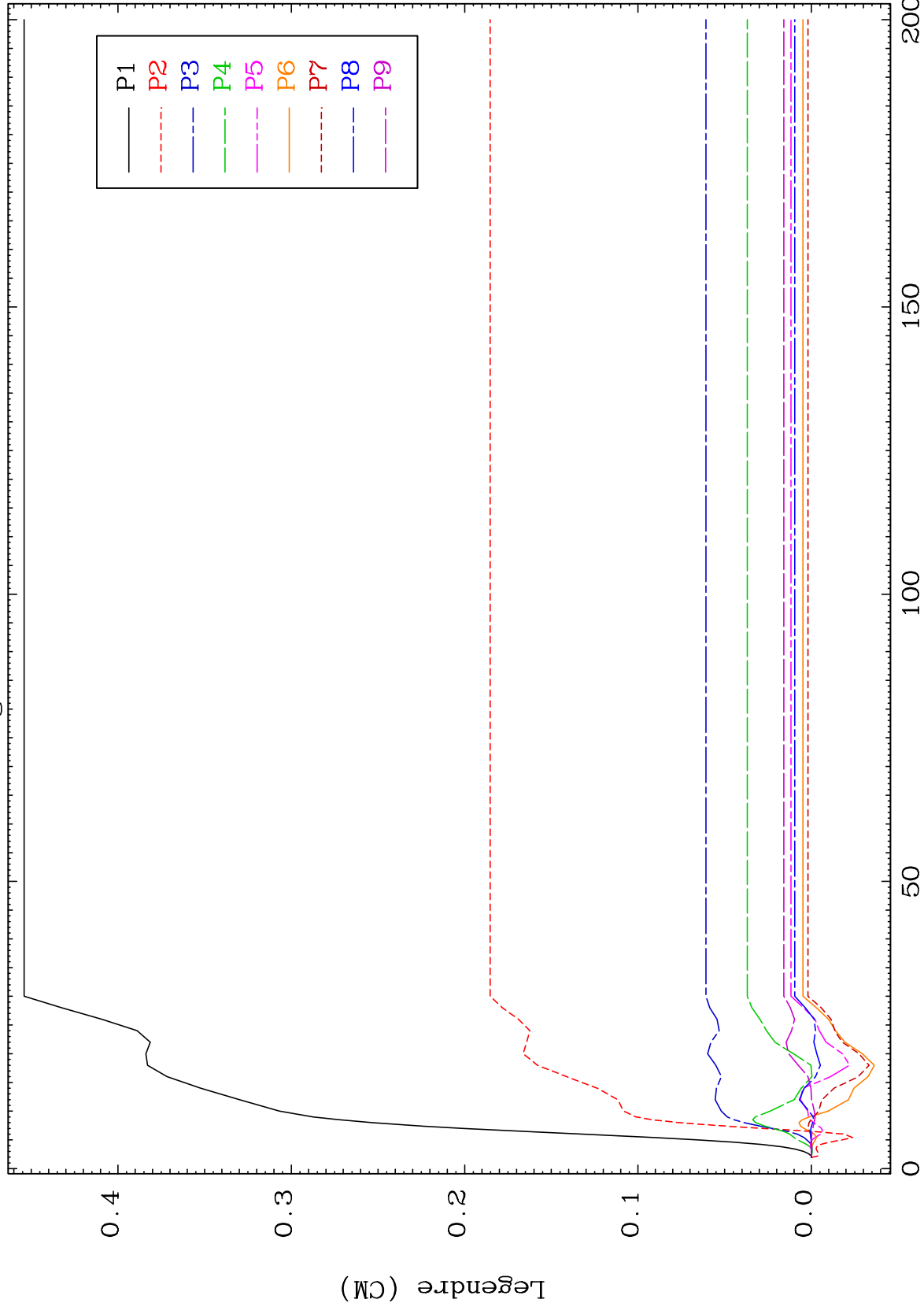




MAT 4961

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

49-In-125



57

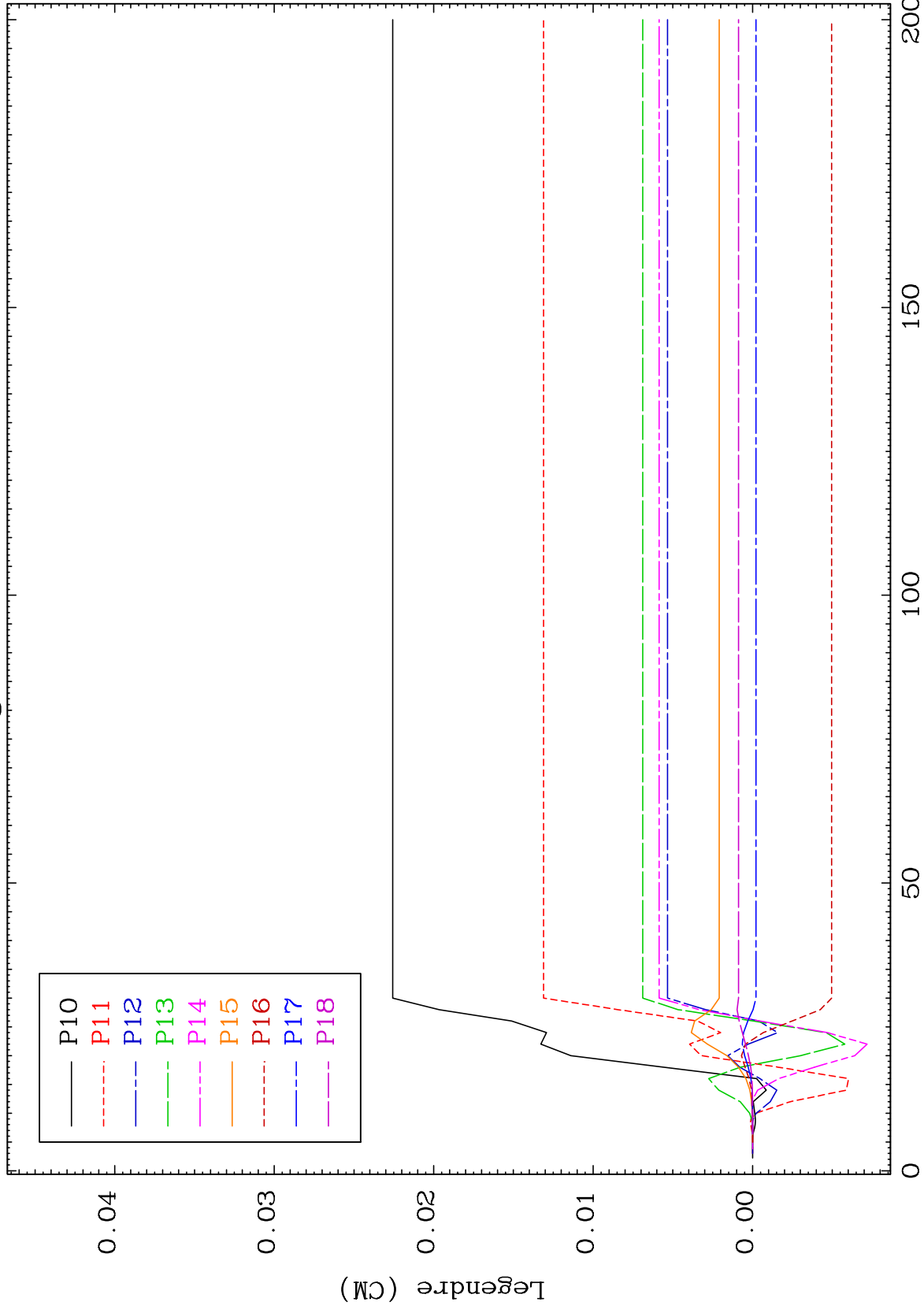
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



58

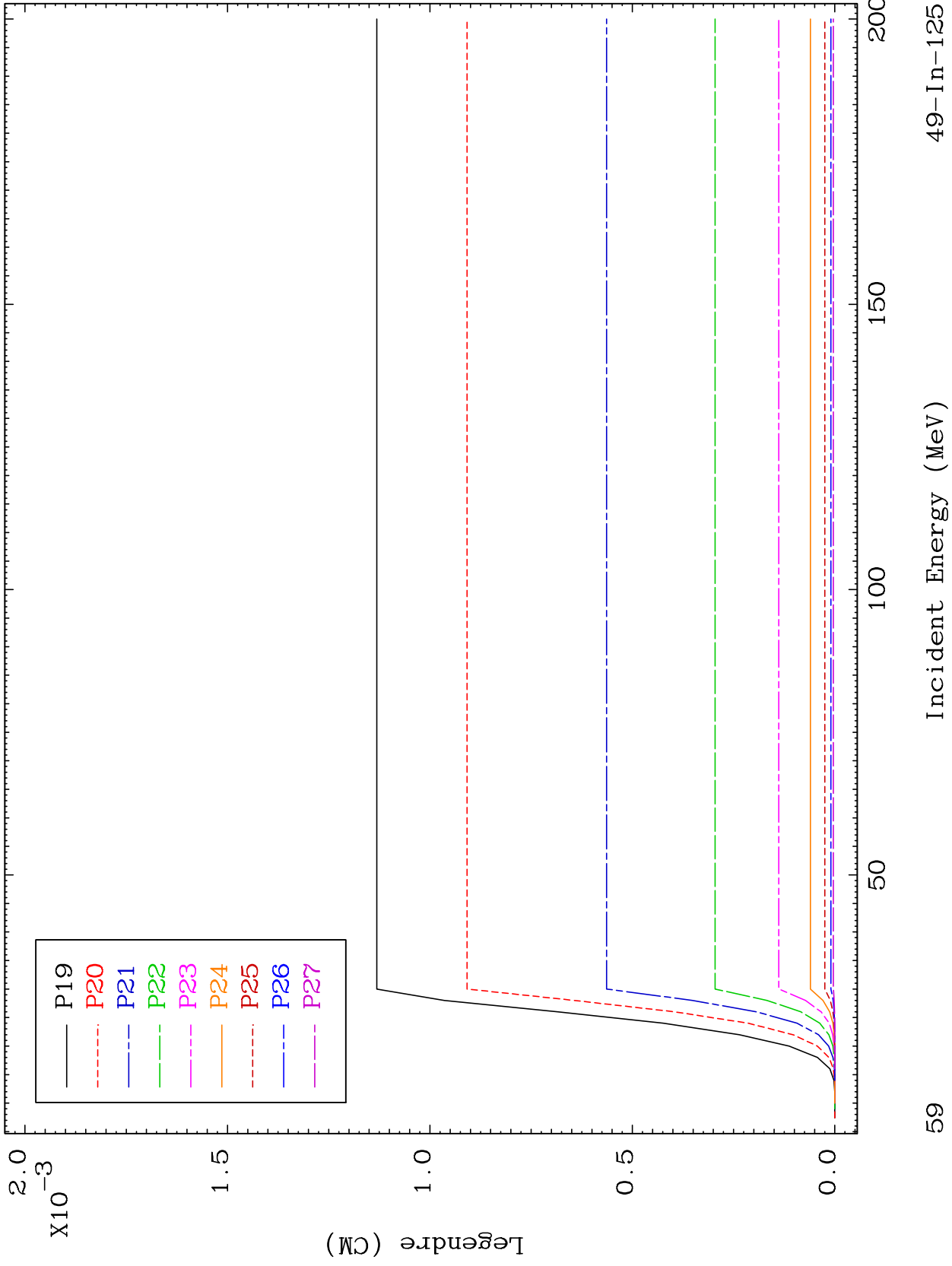
Incident Energy (MeV)

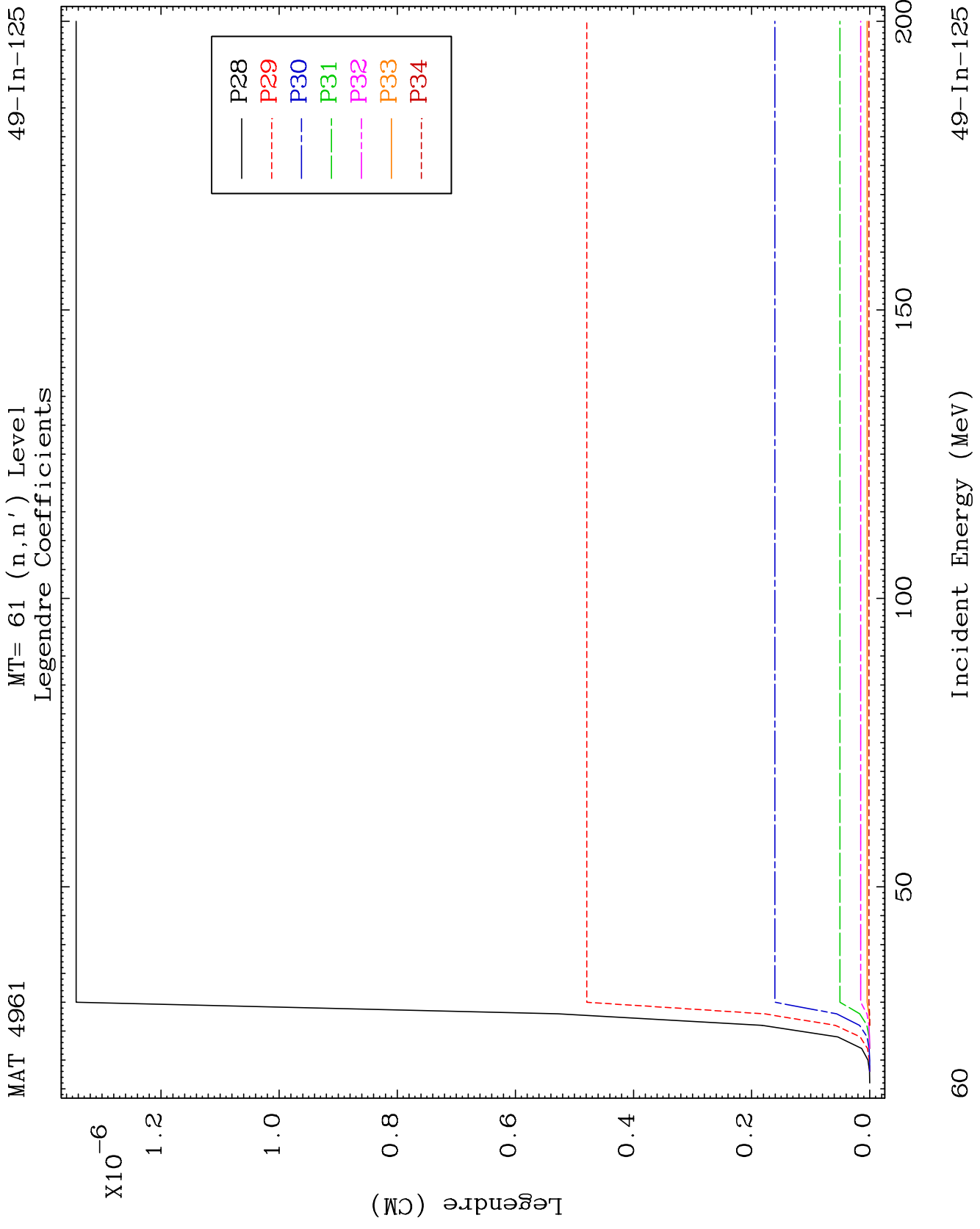
49-In-125

MAT 4961

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

49-In-125

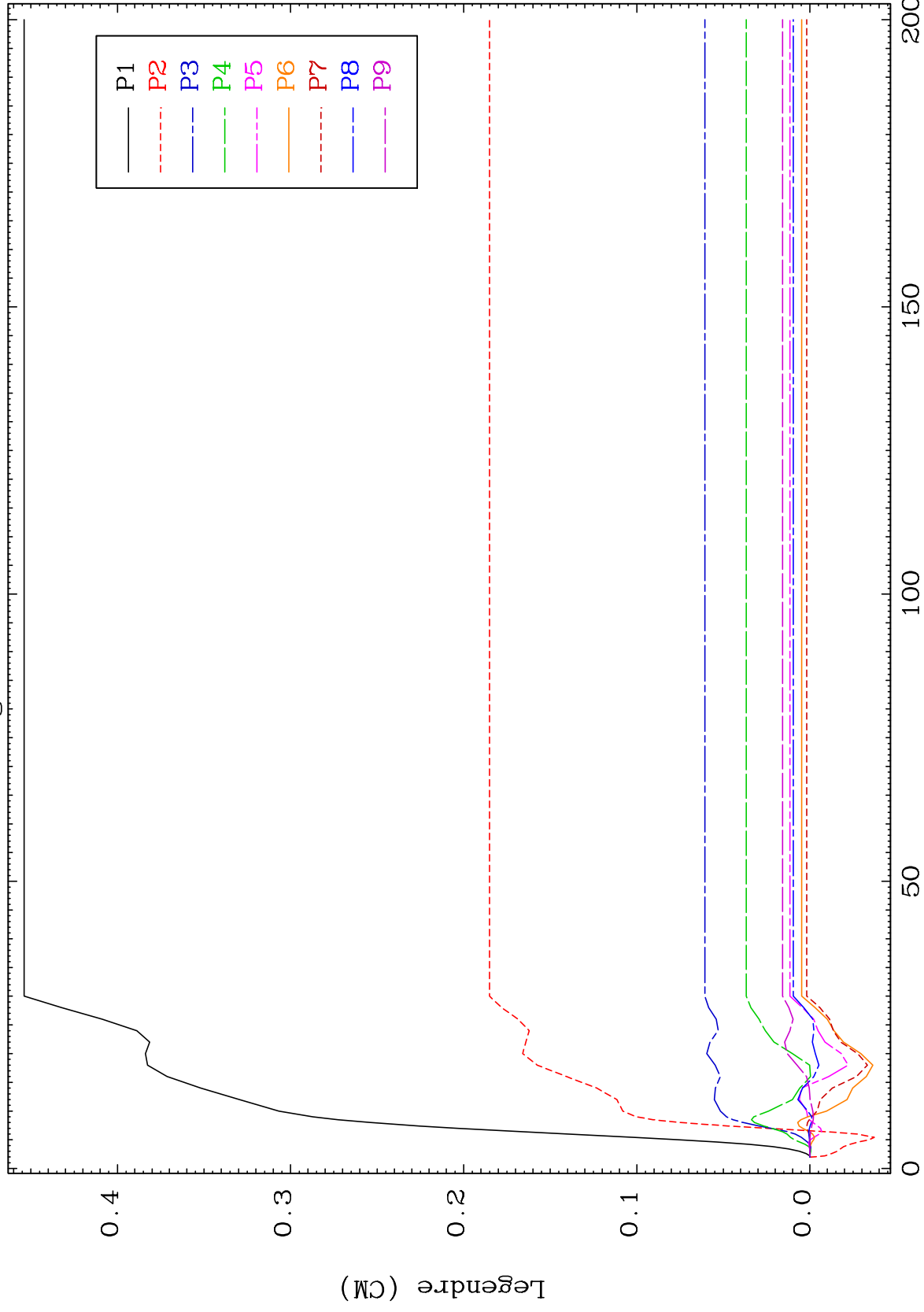




MAT 4961

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

49-In-125



61

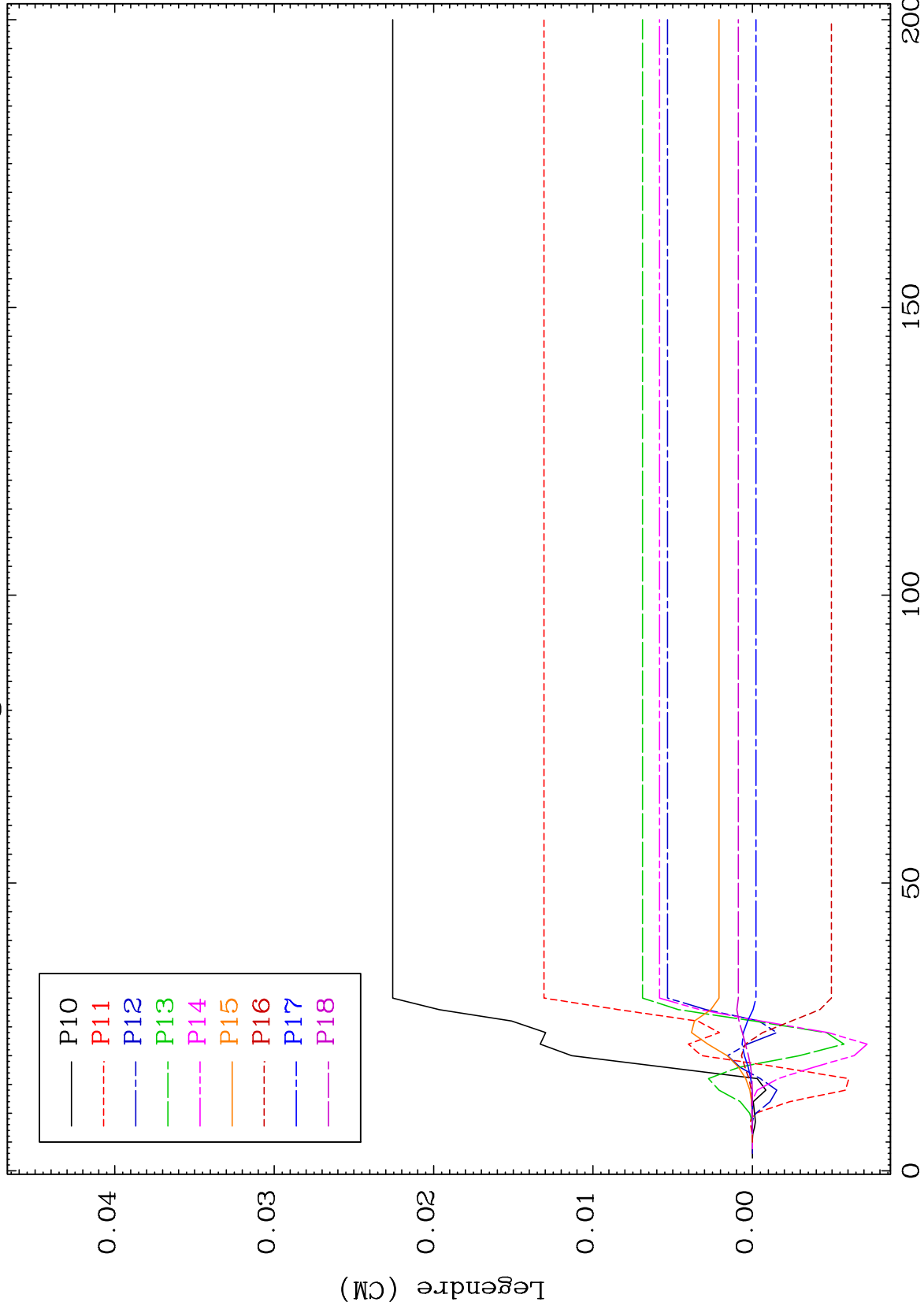
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



62

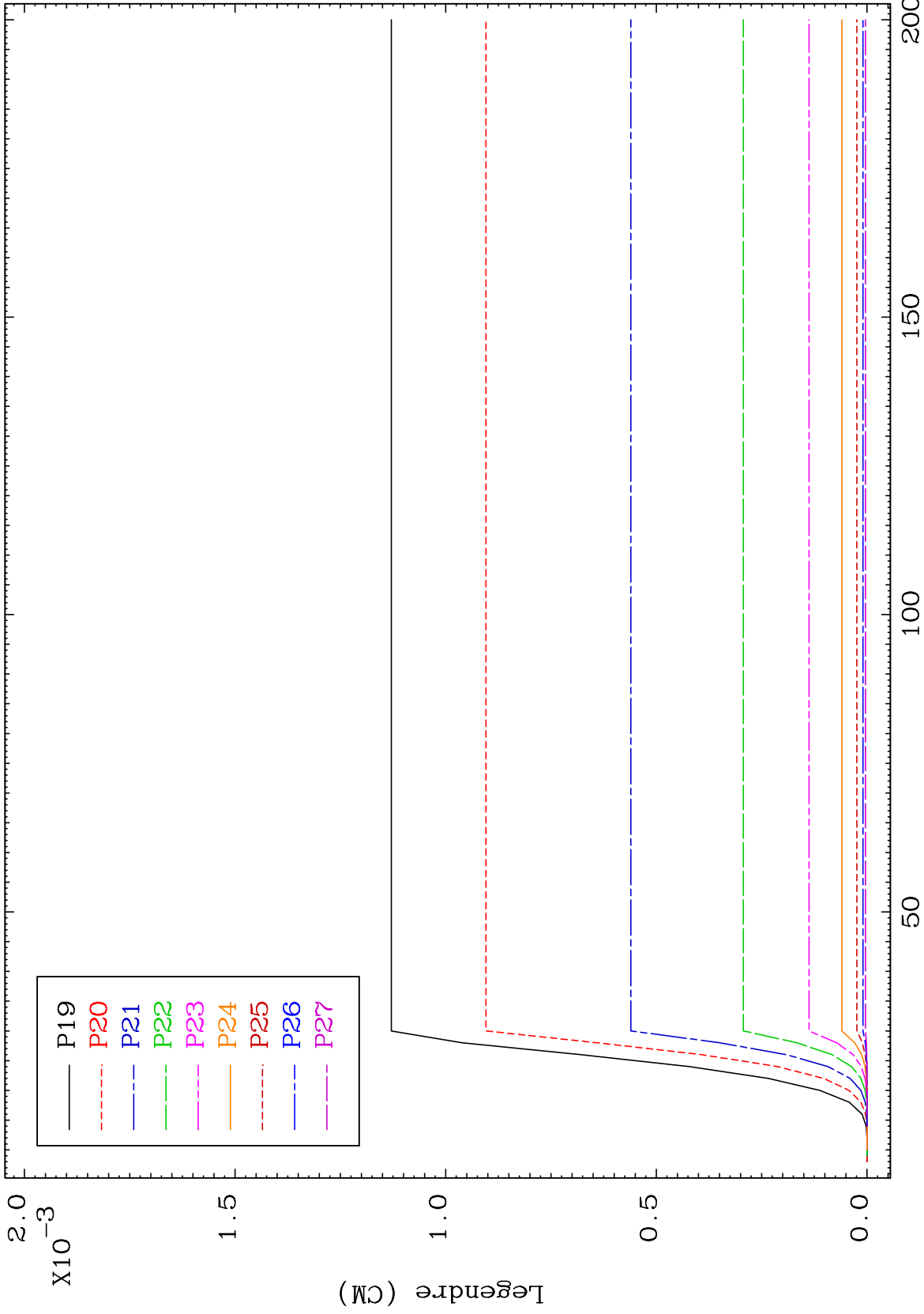
Incident Energy (MeV)

49-In-125

MAT 4961

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

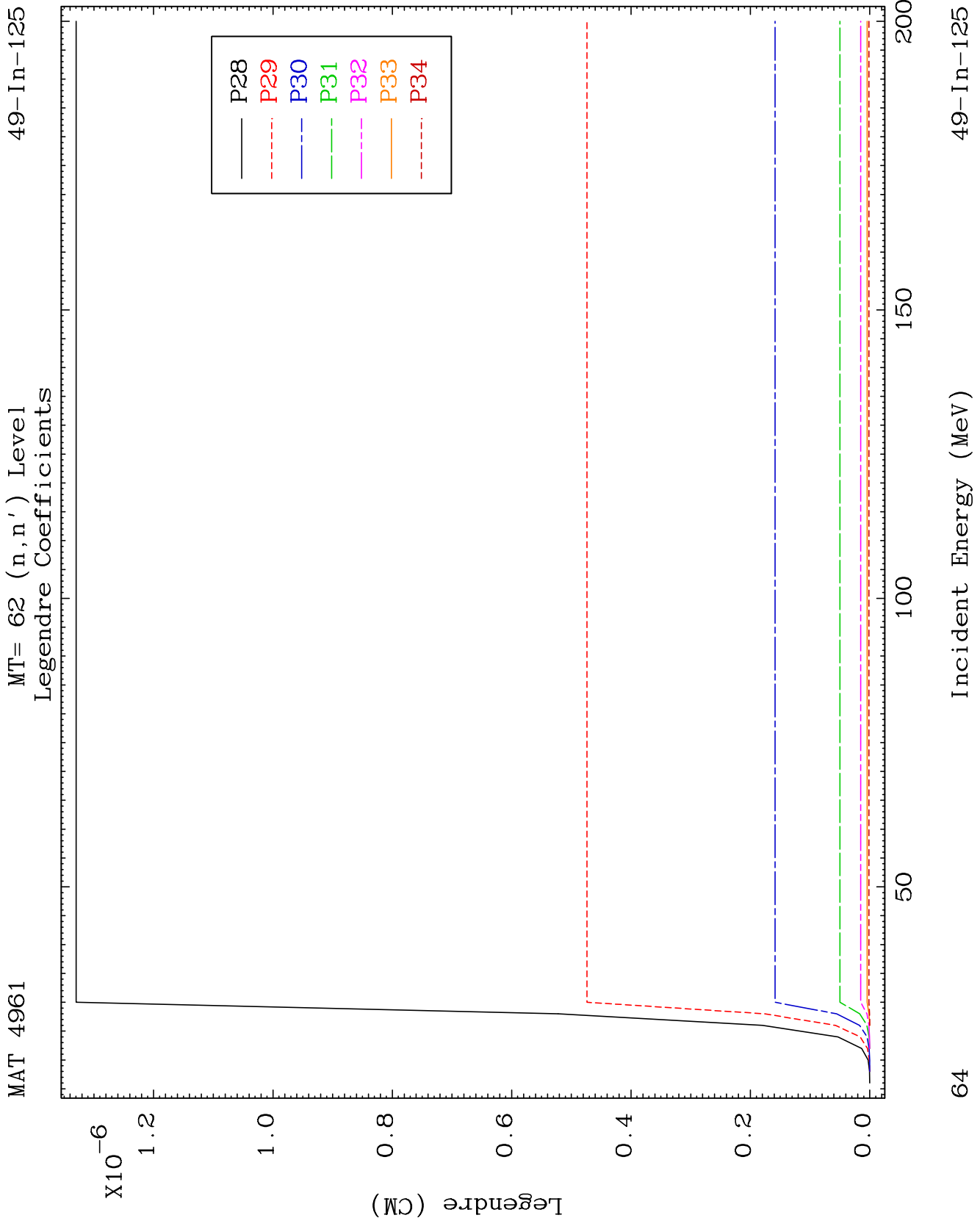
49-In-125

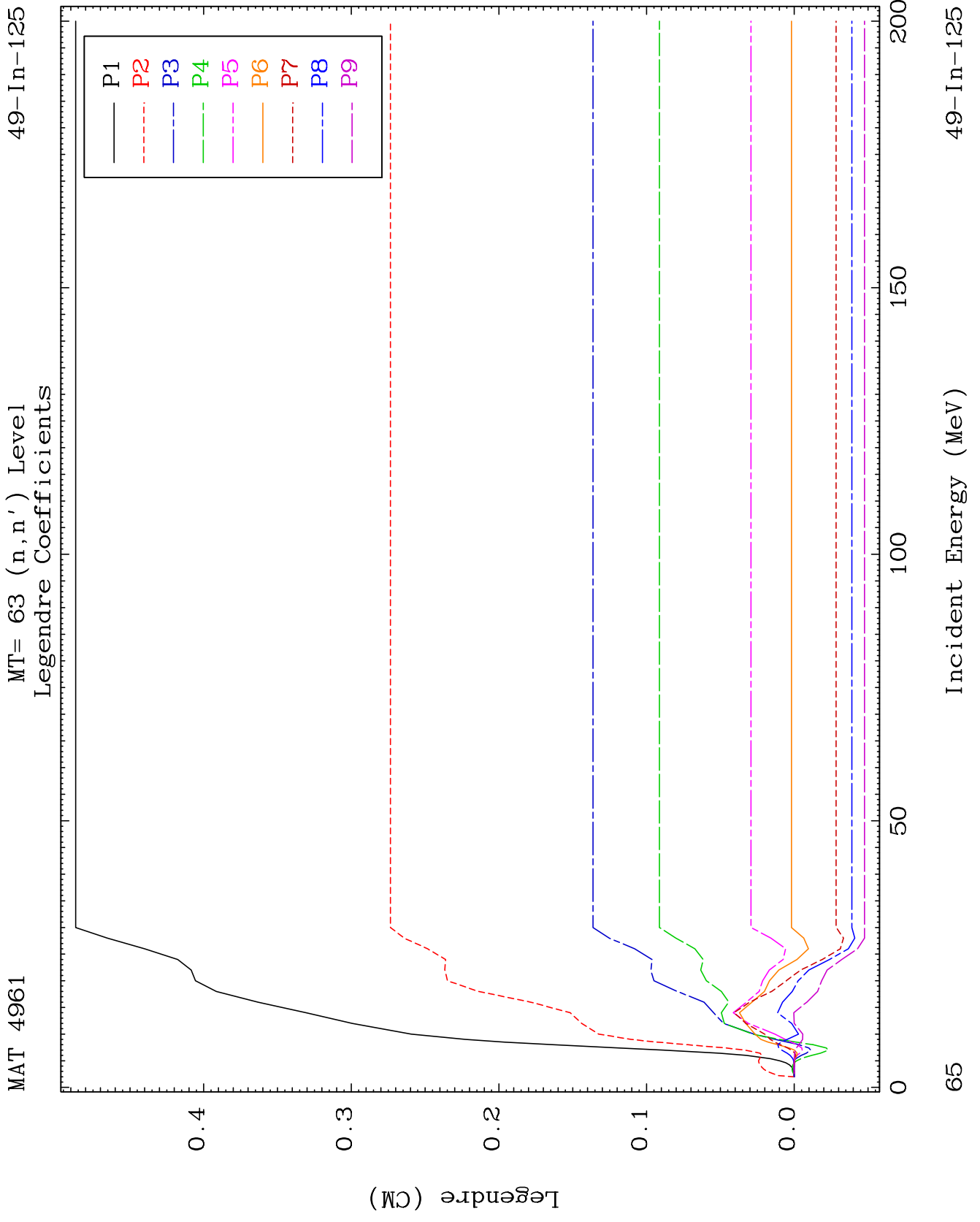


63

Incident Energy (MeV)

49-In-125

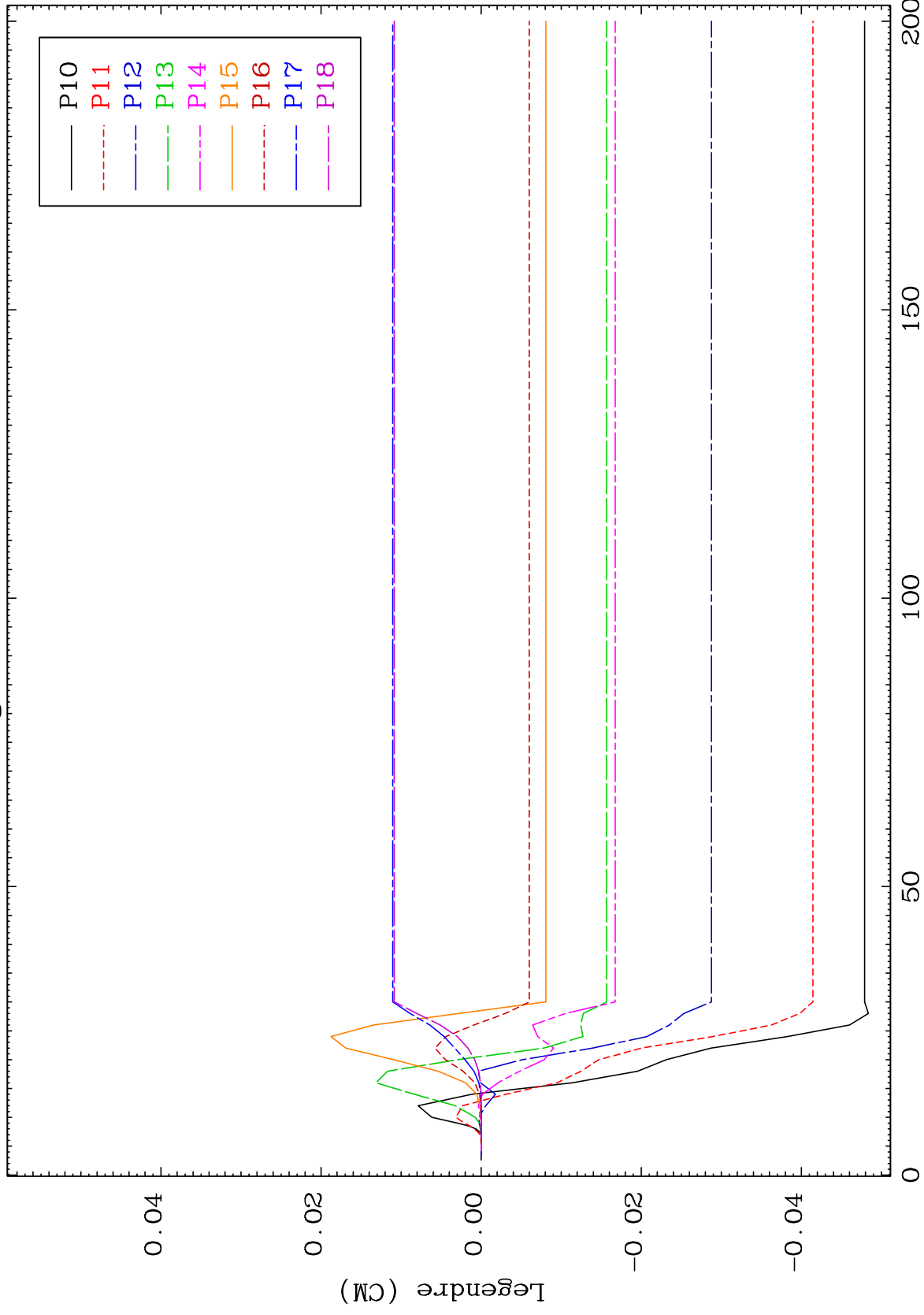




MAT 4961

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

49-In-125



66

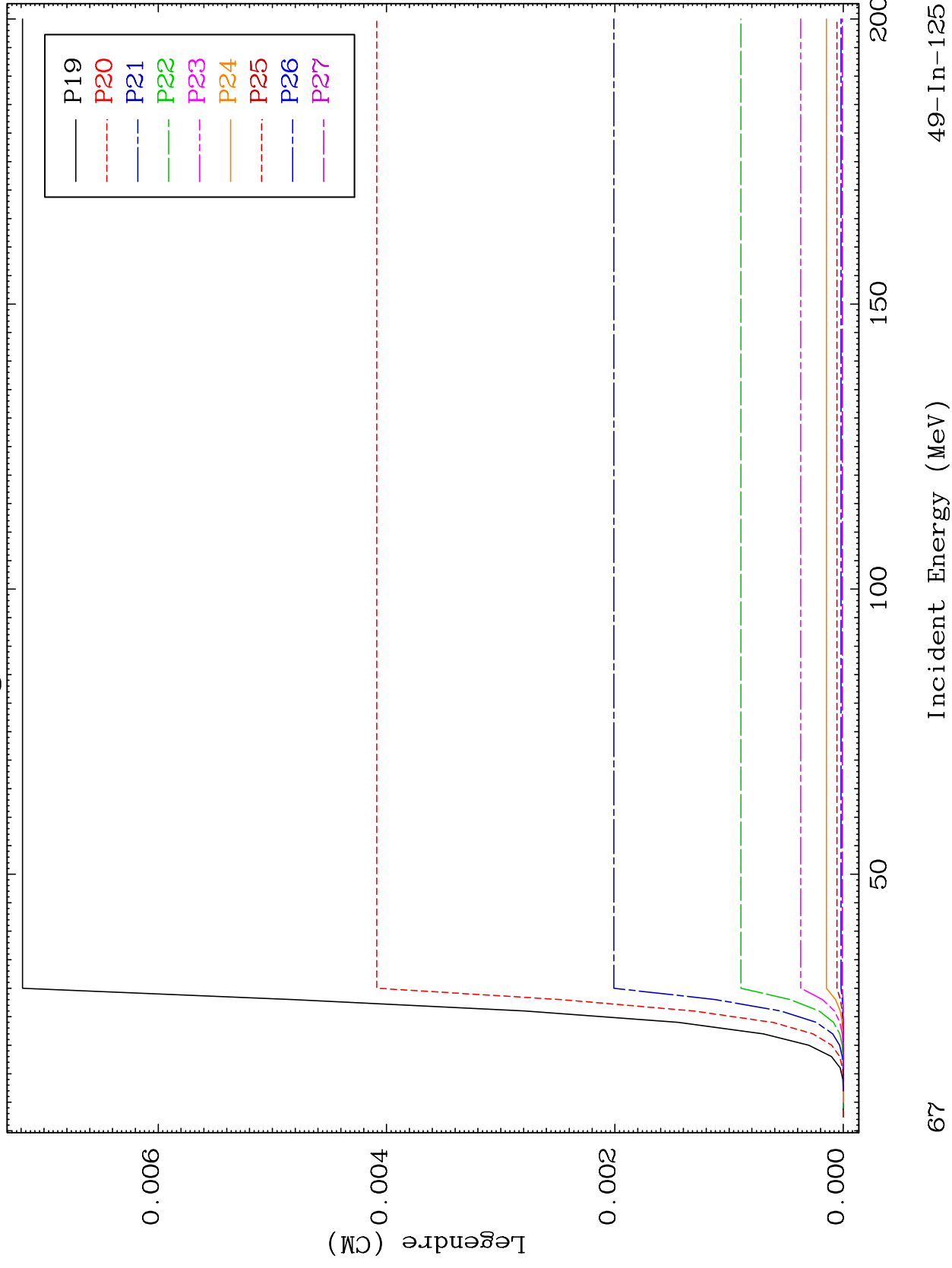
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



67

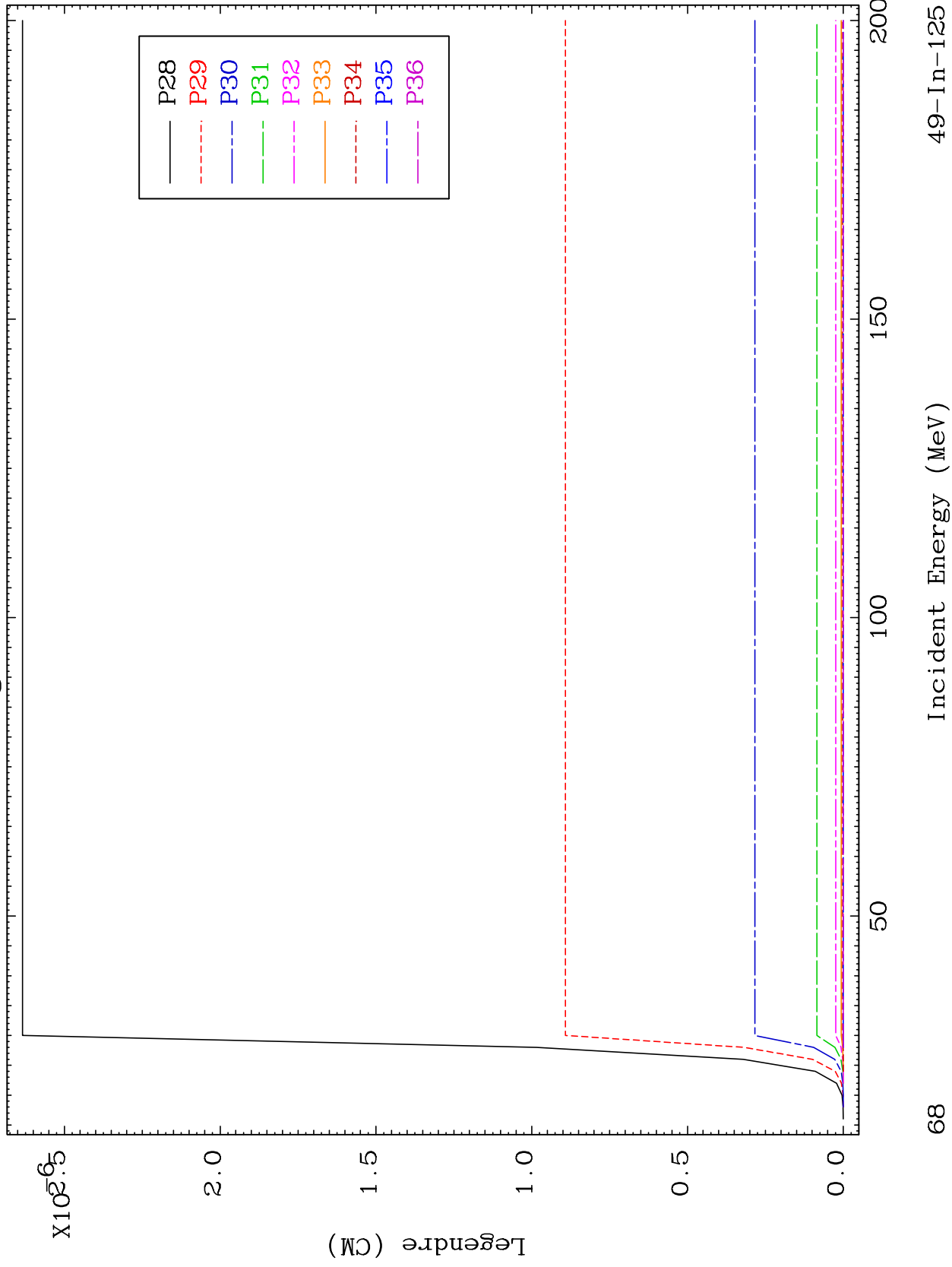
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



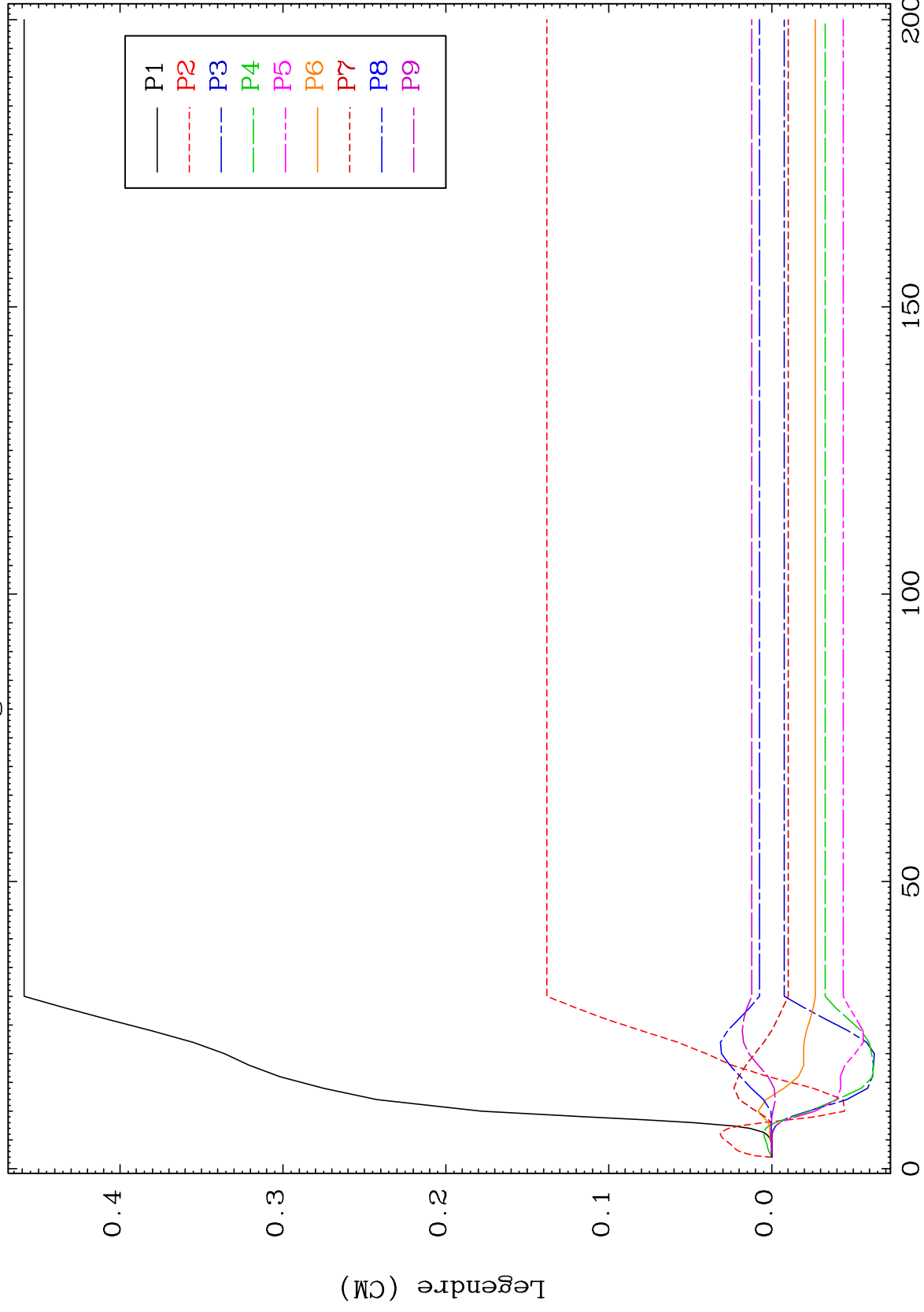
68

49-In-125

MAT 4961

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

49-In-125



69

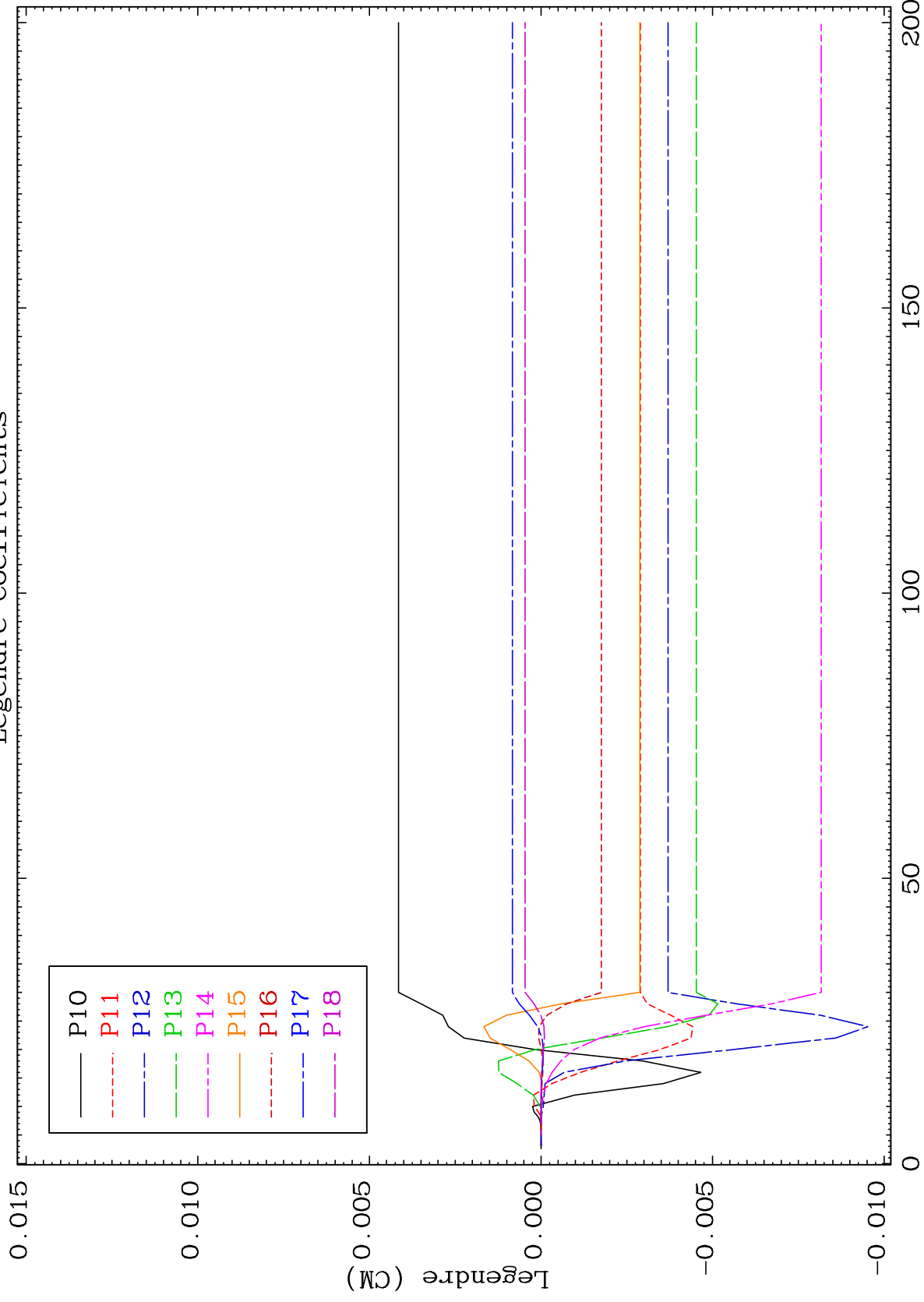
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



70

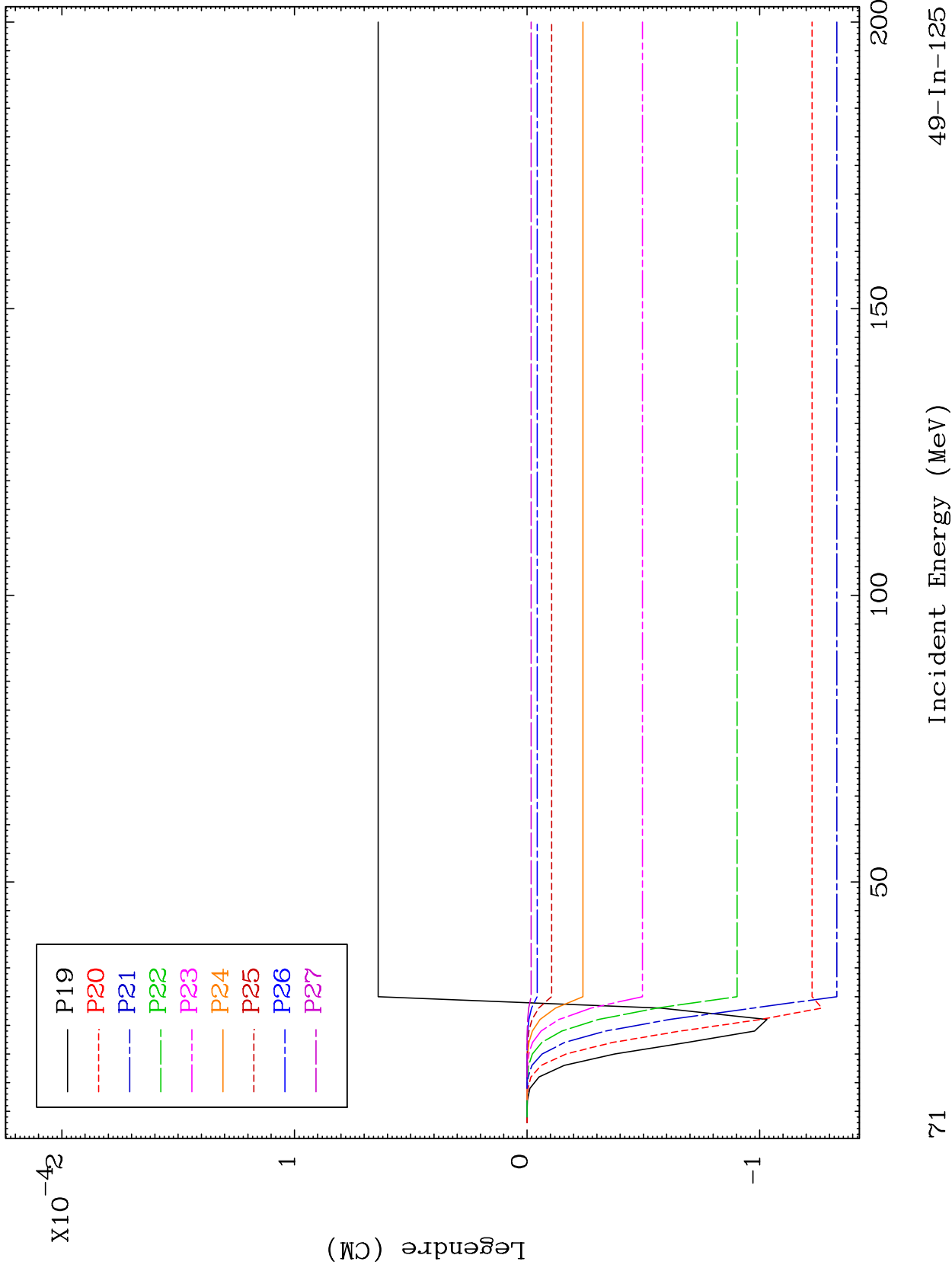
Incident Energy (MeV)

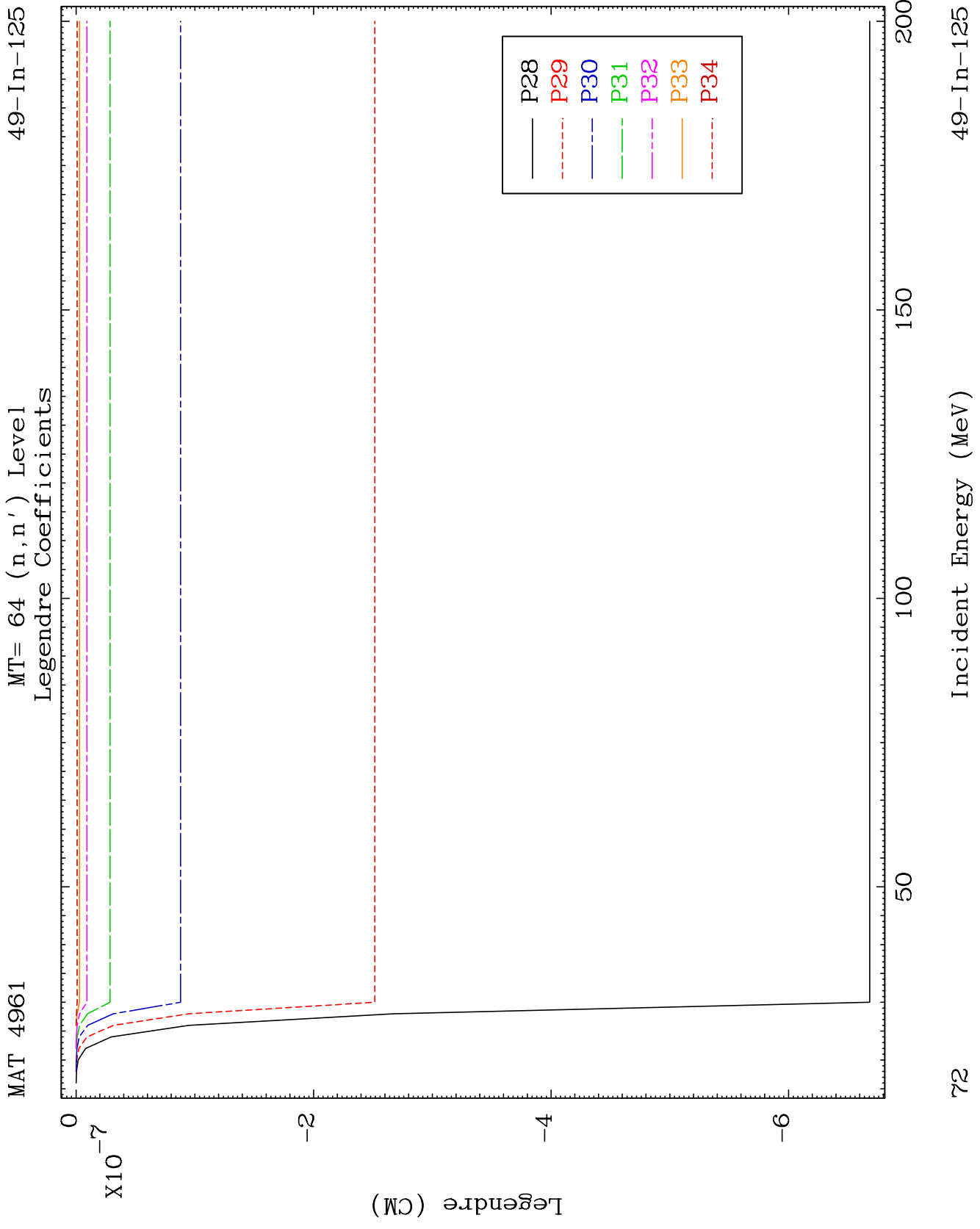
49-In-125

MAT 4961

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

49-In-125

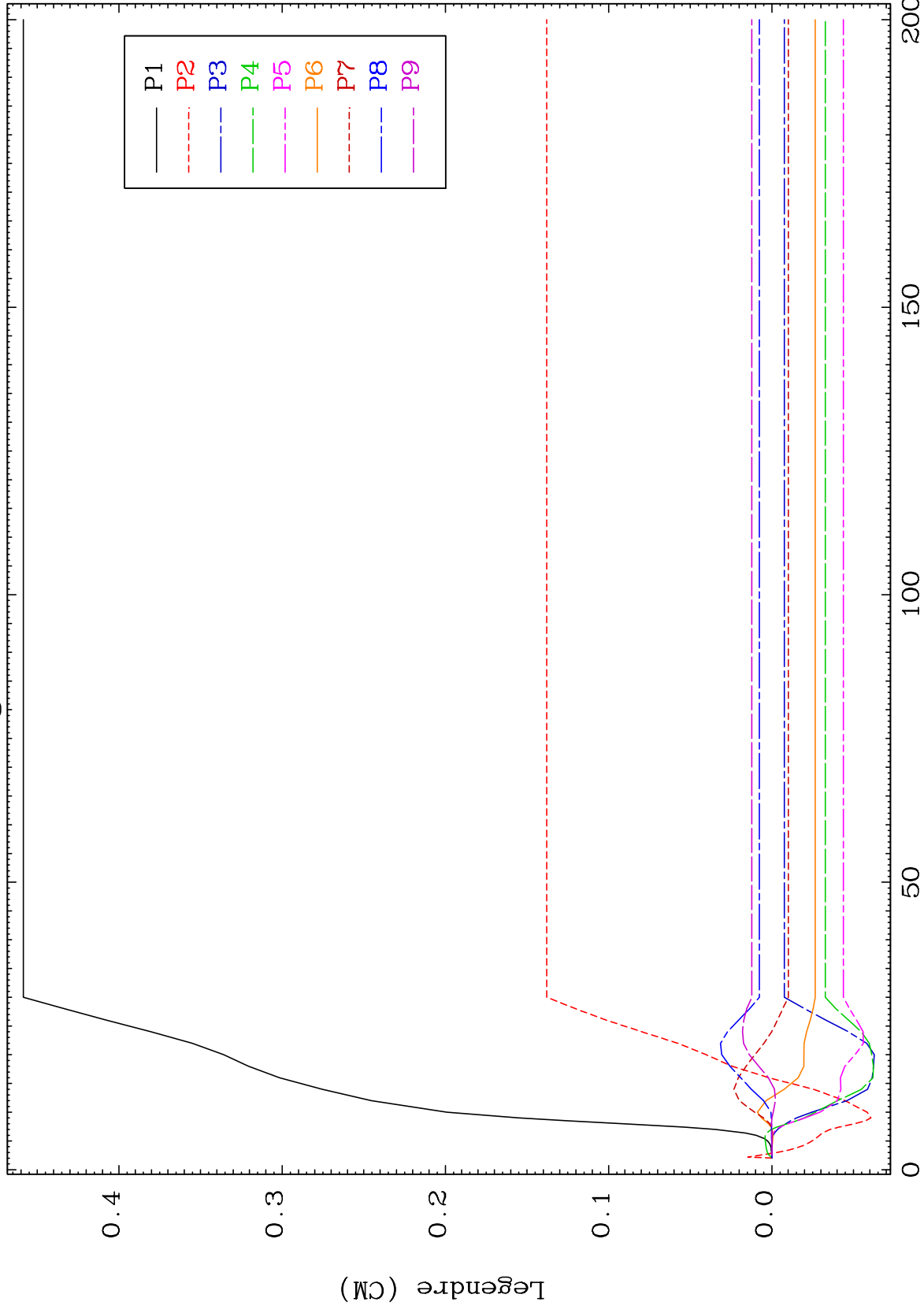




MAT 4961

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

49-In-125



73

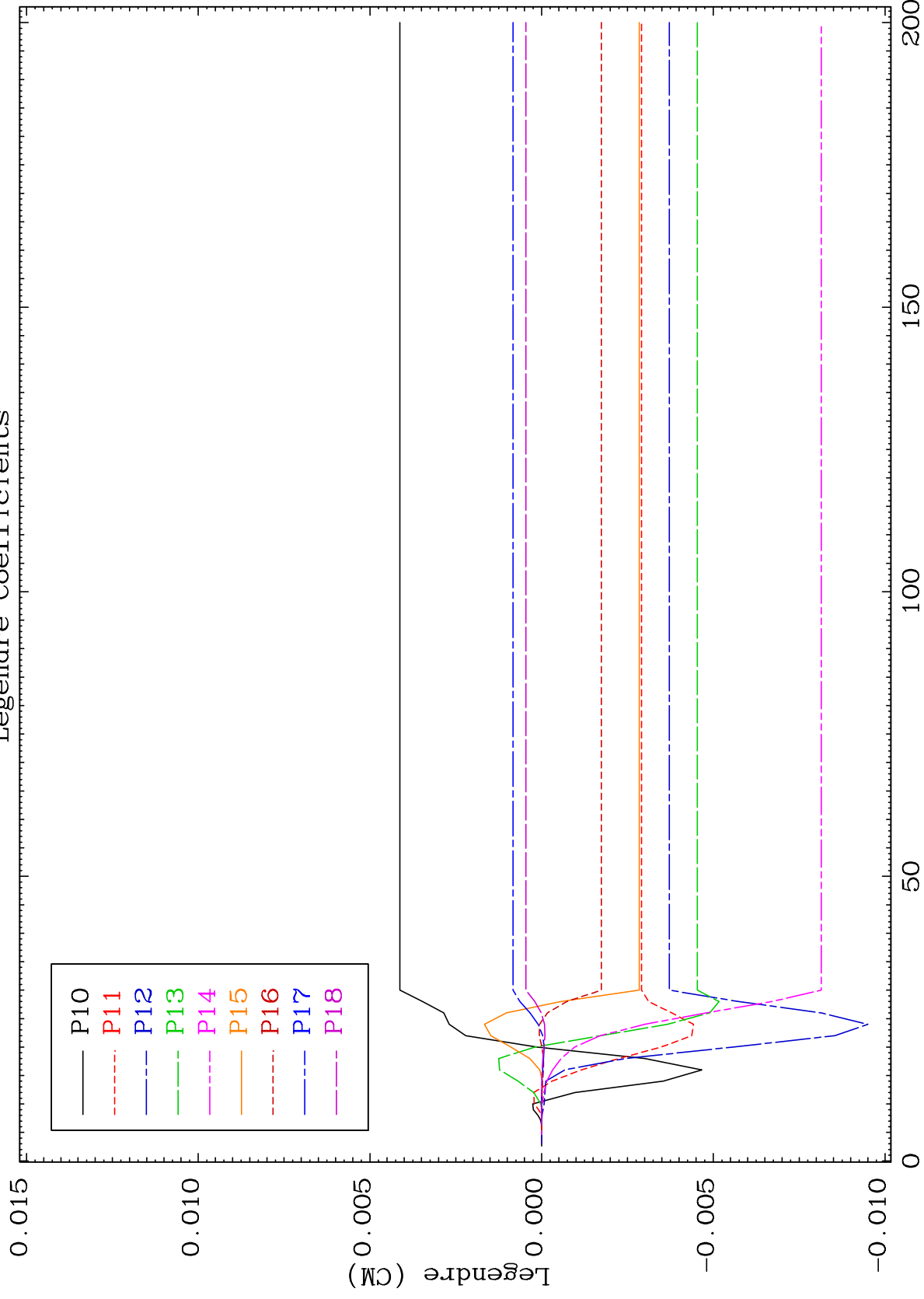
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



74

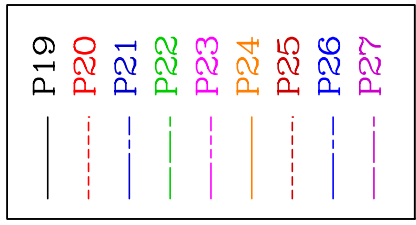
Incident Energy (MeV)

49-In-125

MAT 4961

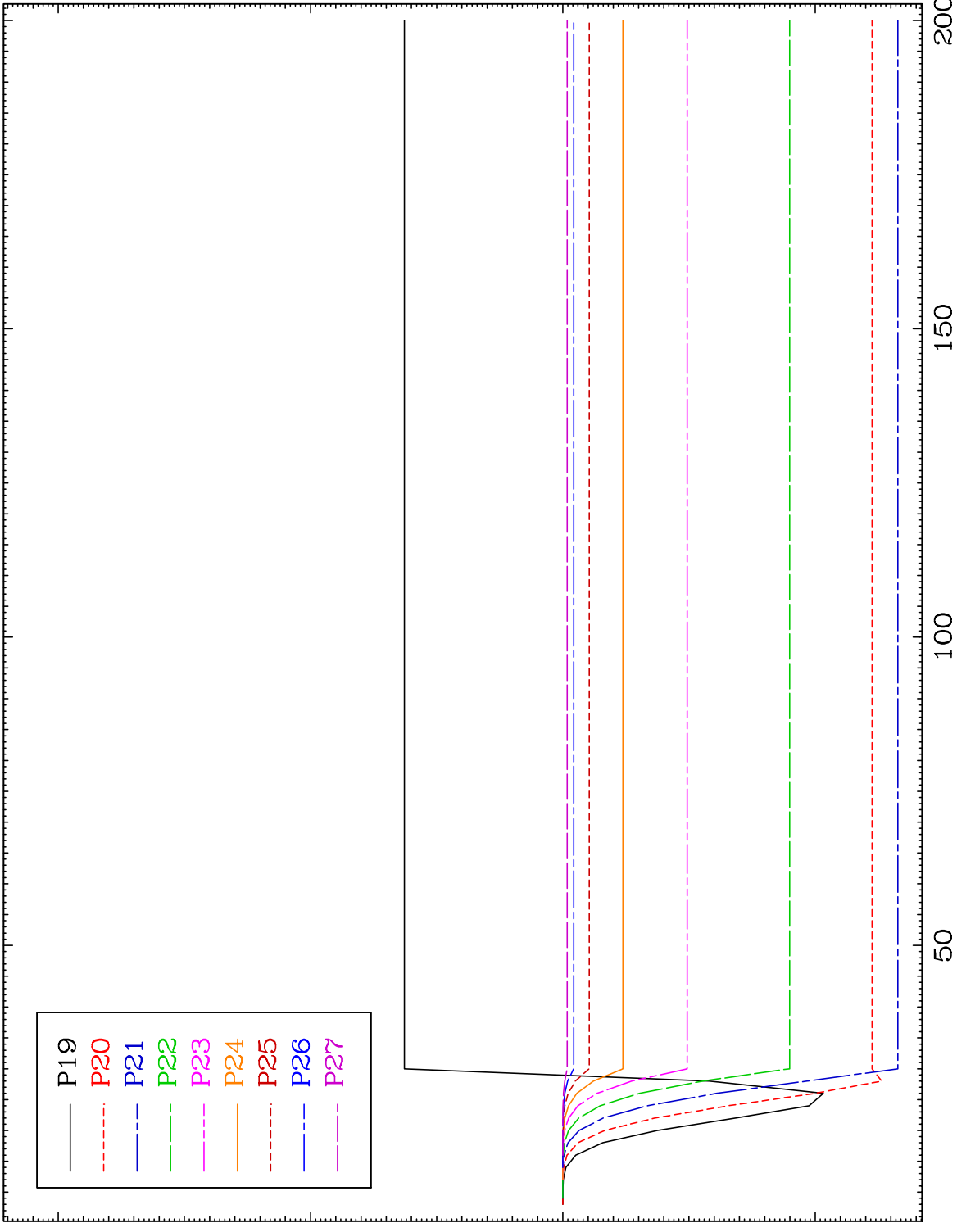
MT= 65 (n,n') Level
Legendre Coefficients

49-In-125



$\times 10^{-42}$

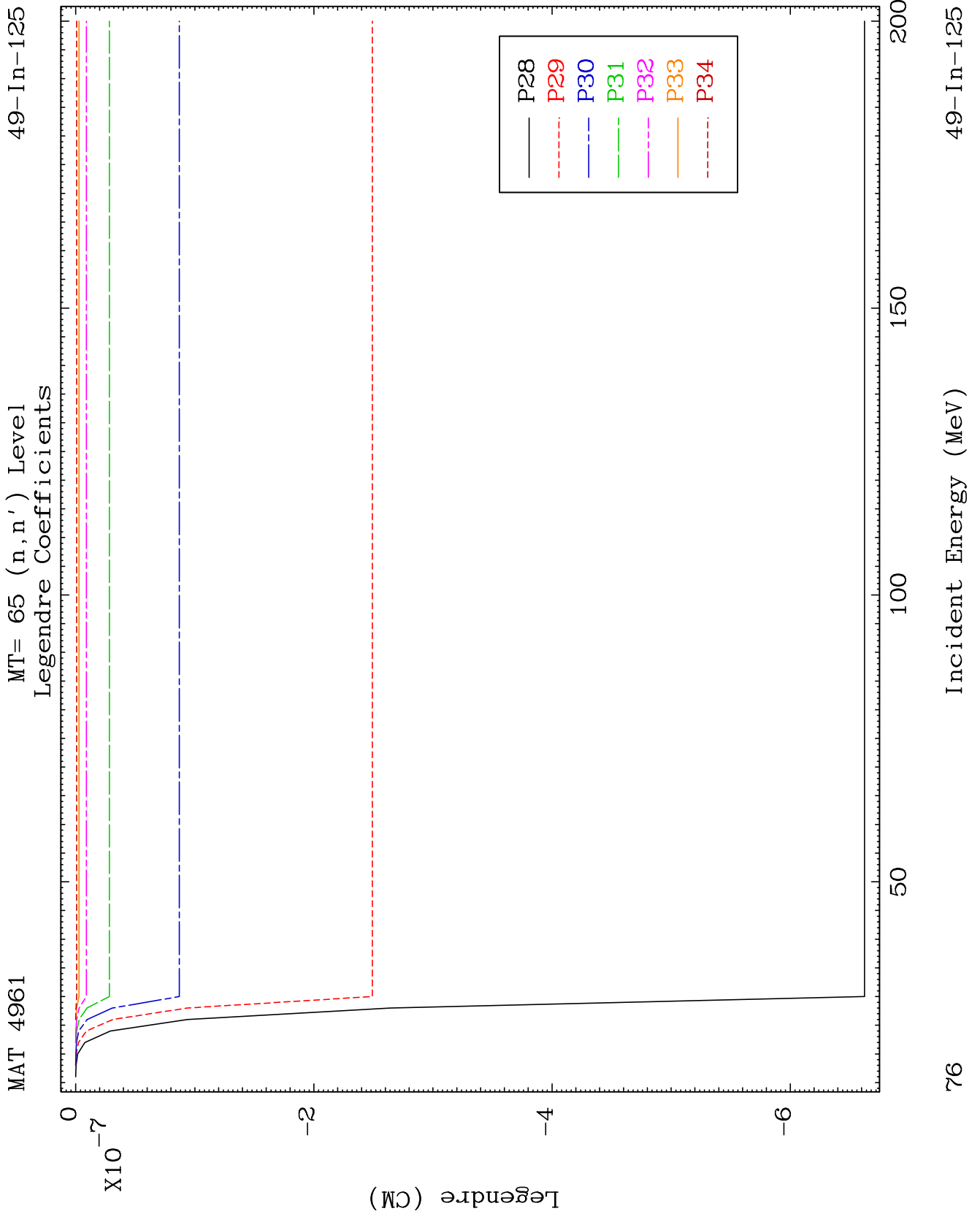
Legendre (CM)

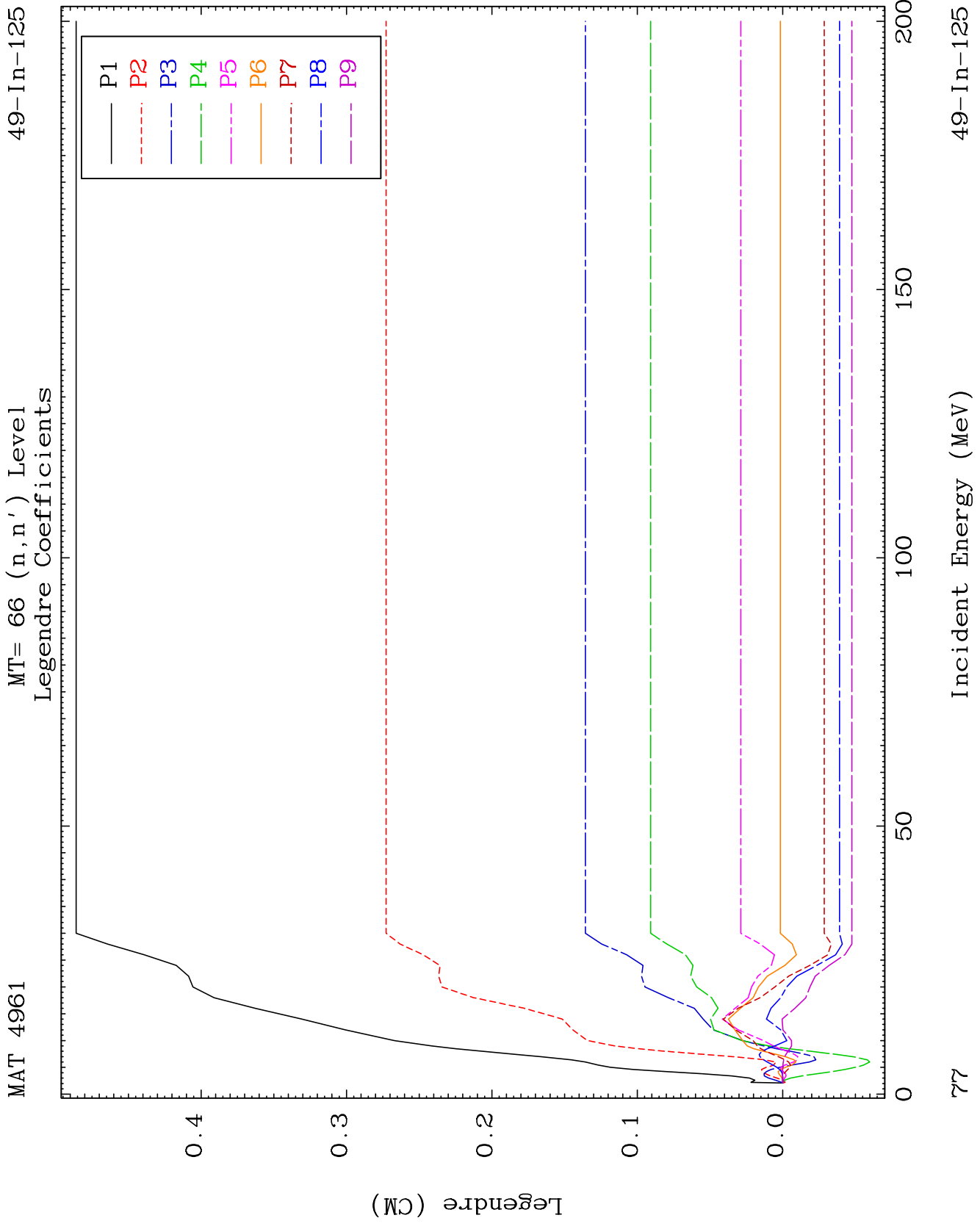


75

Incident Energy (MeV)

49-In-125

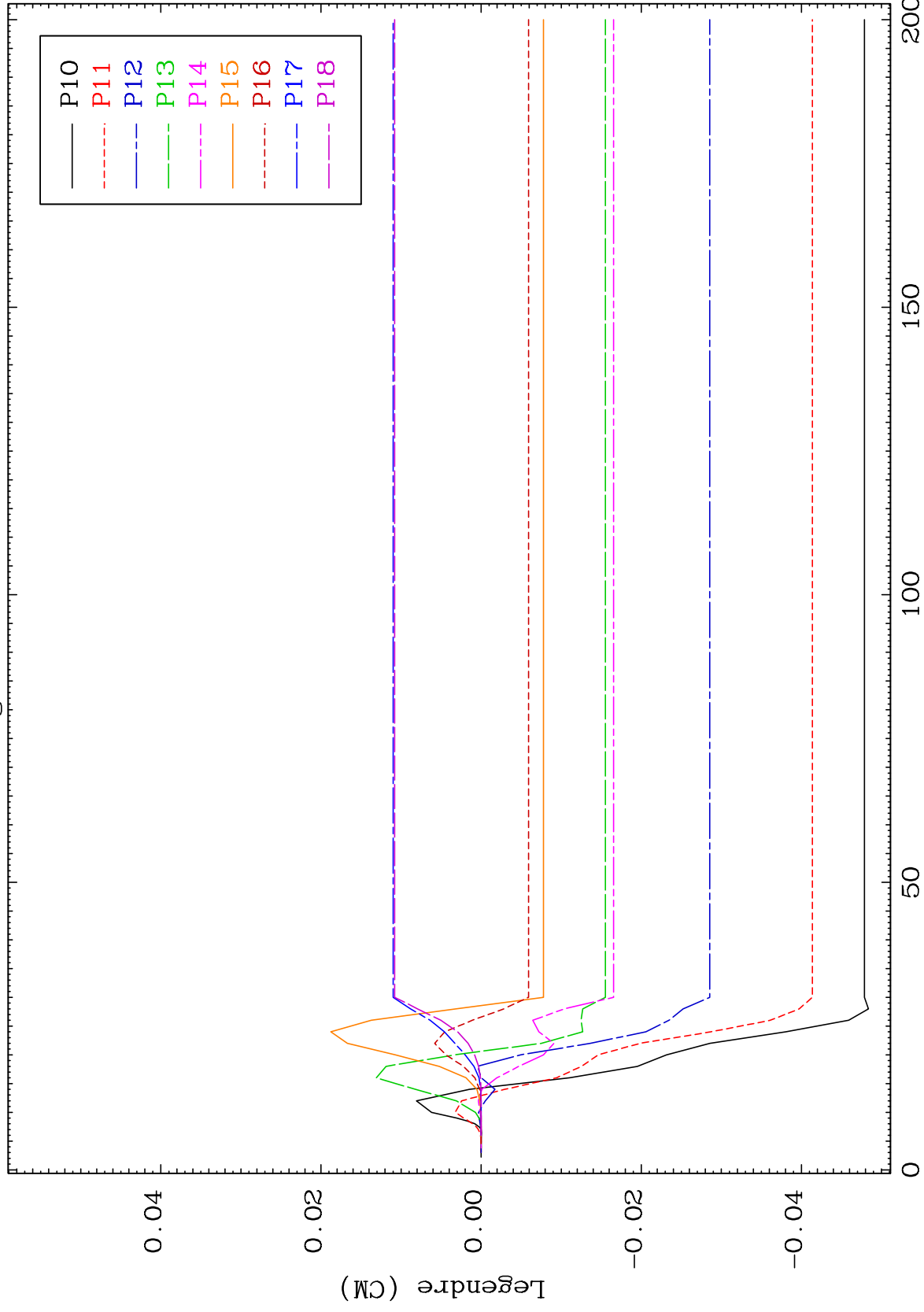




MAT 4961

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

49-In-125



78

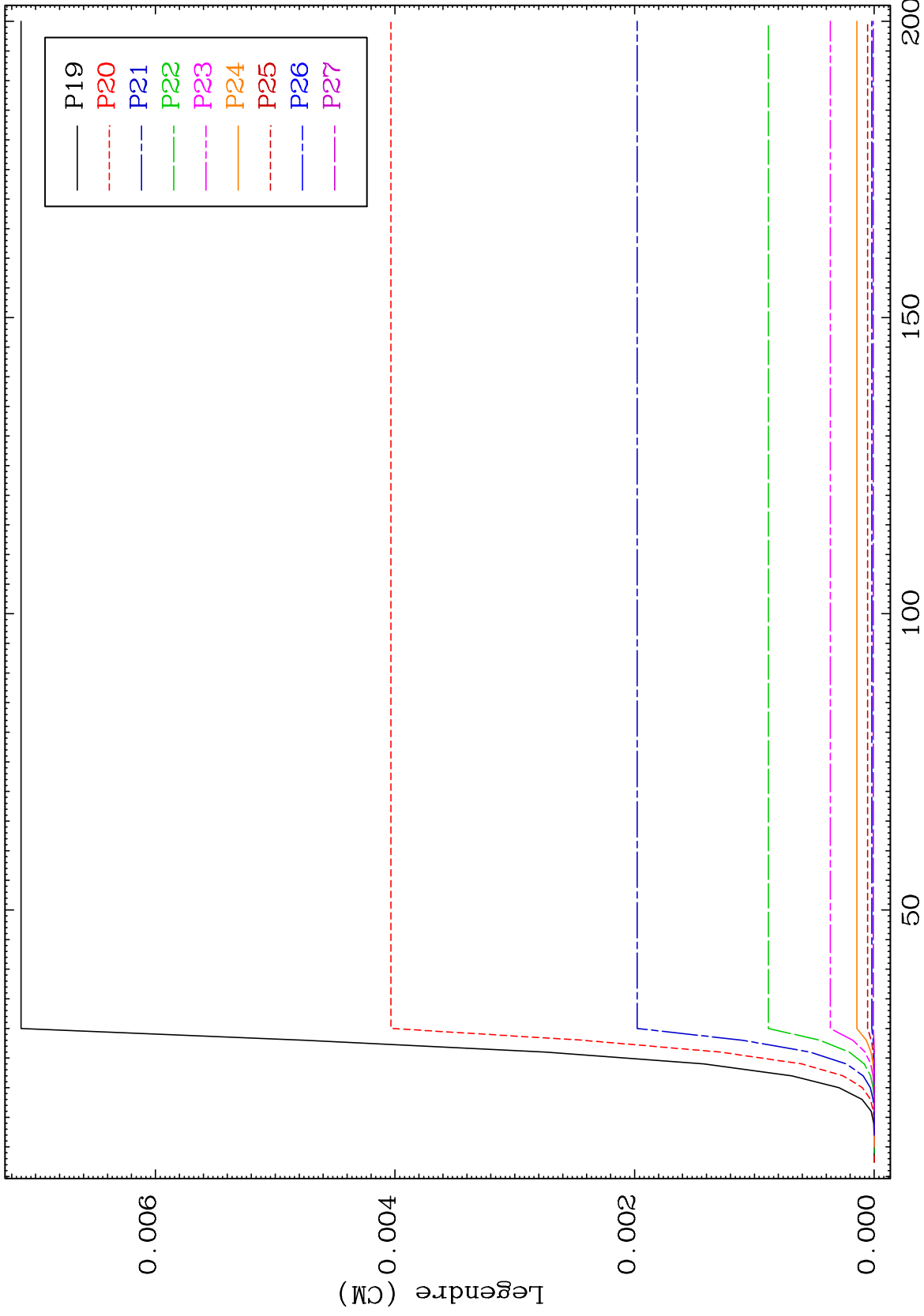
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



79

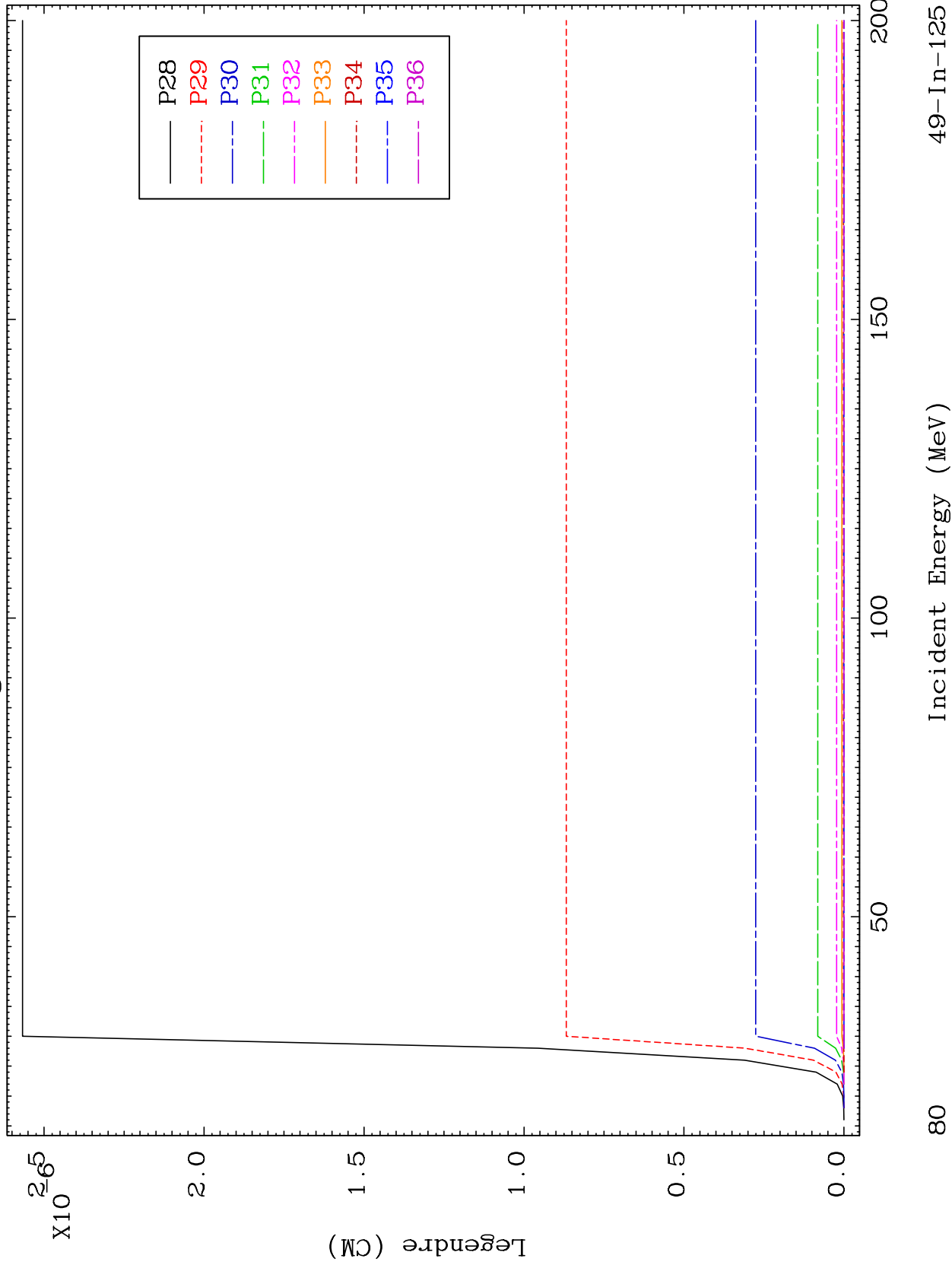
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



80

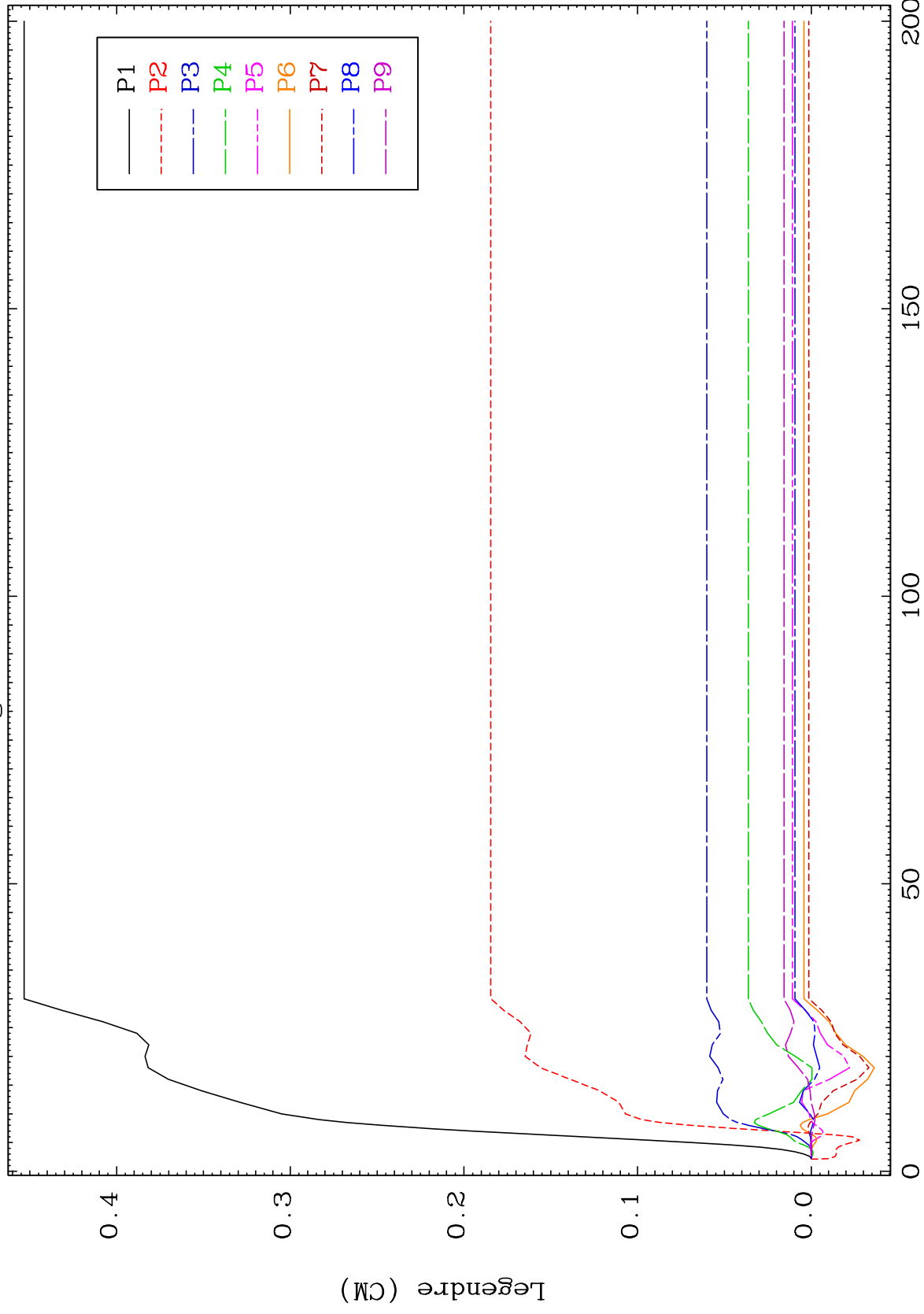
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



81

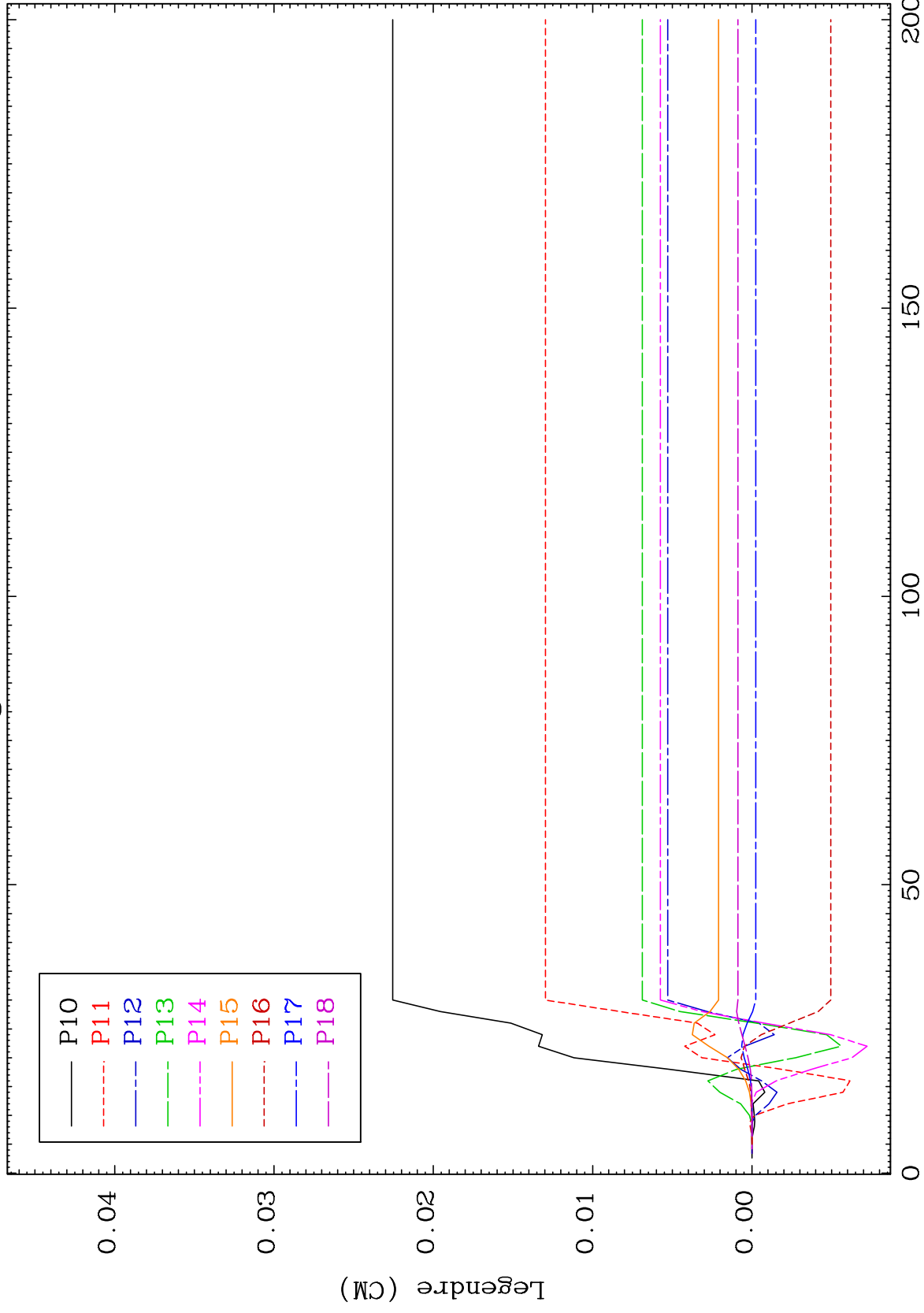
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



82

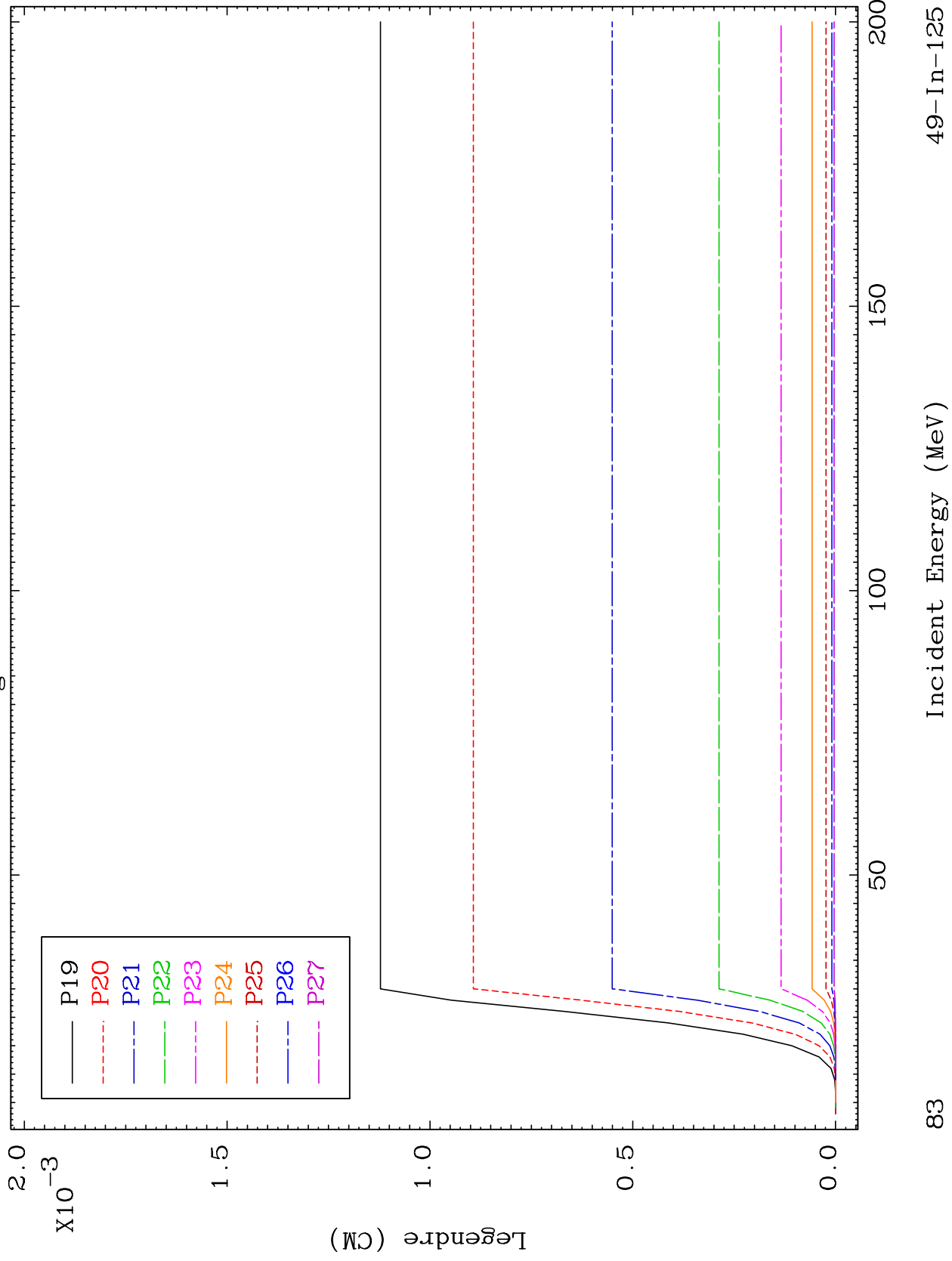
Incident Energy (MeV)

49-In-125

MAT 4961

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

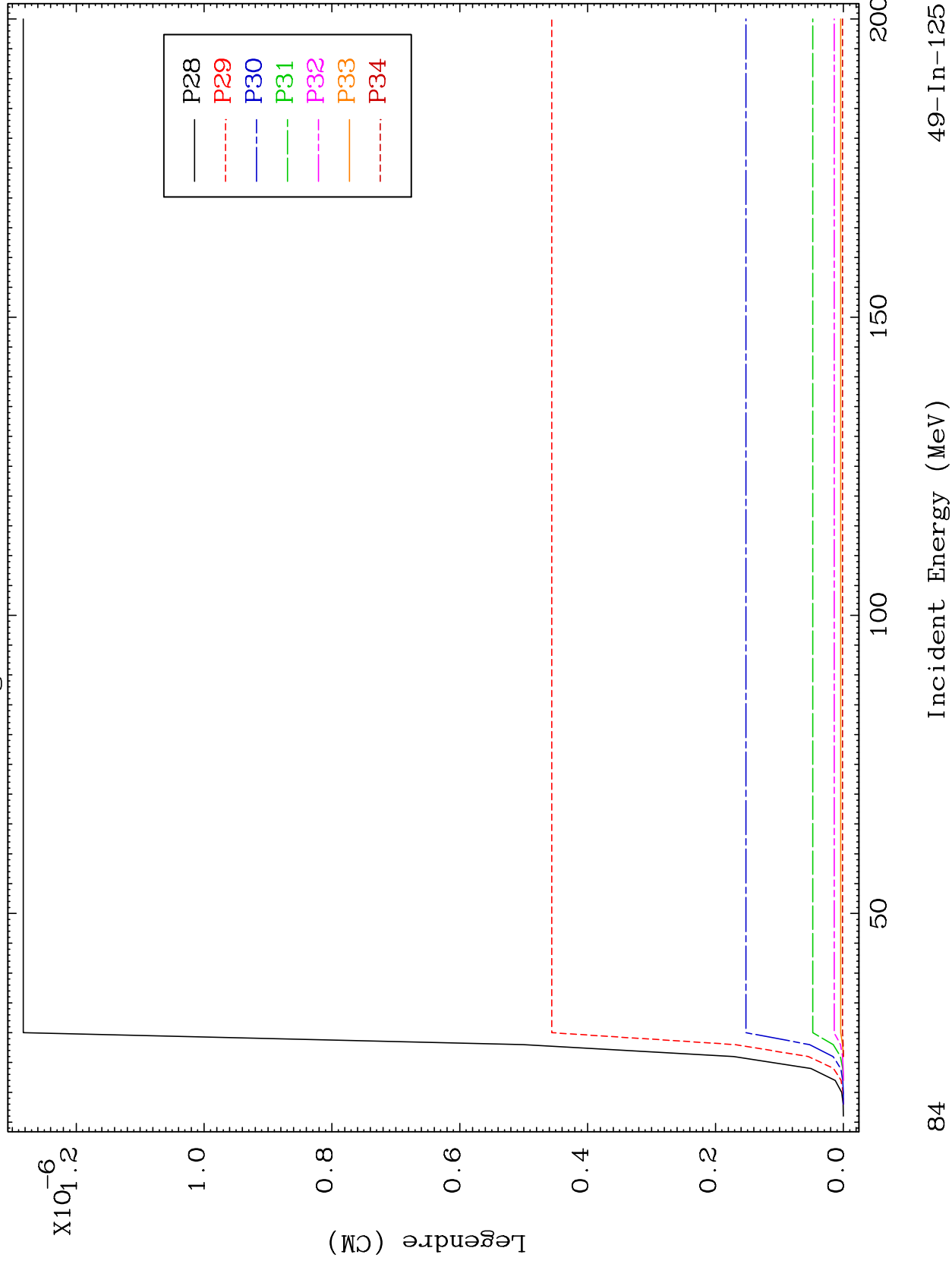
49-In-125



MAT 4961

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

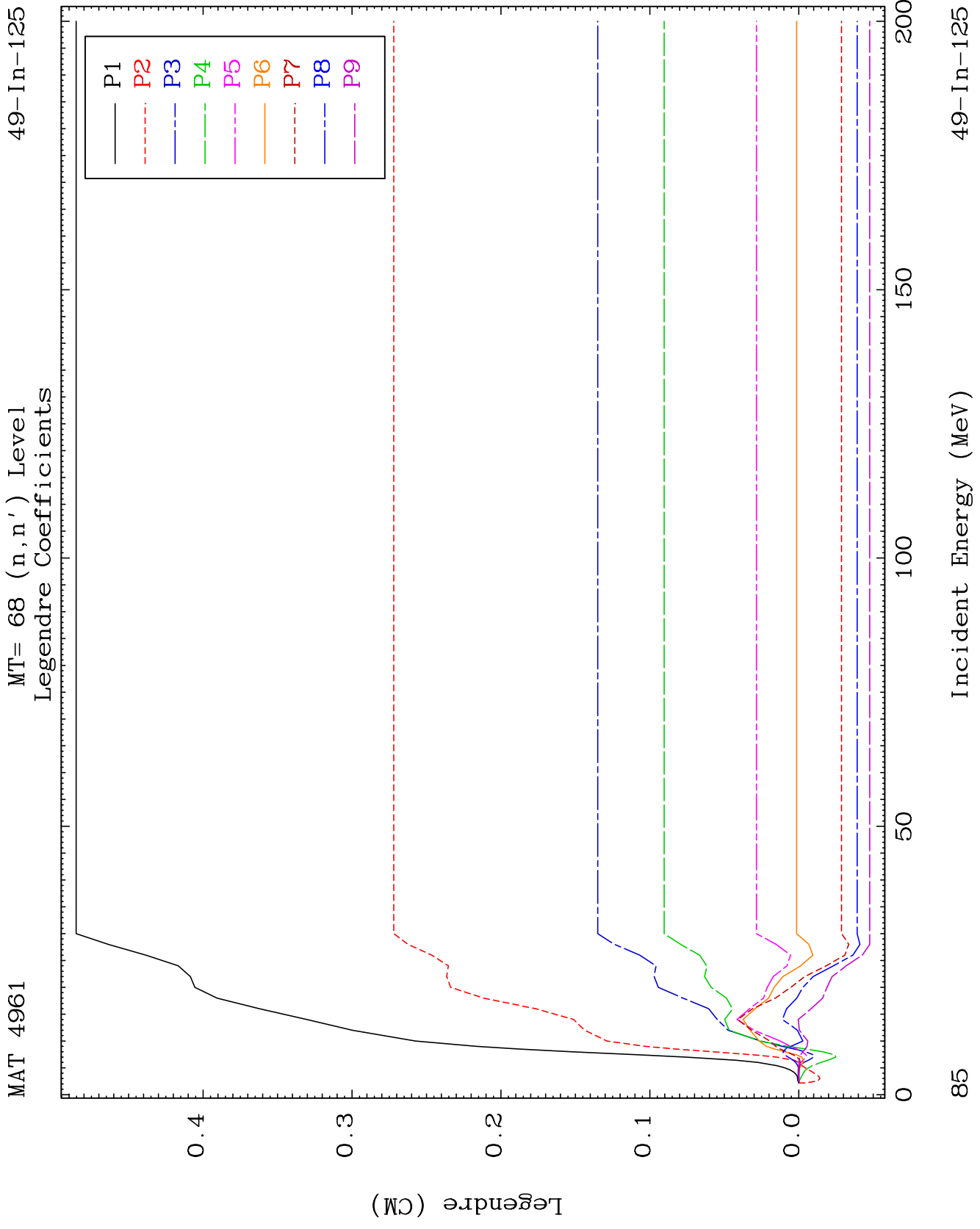
49-In-125



84

Incident Energy (MeV)

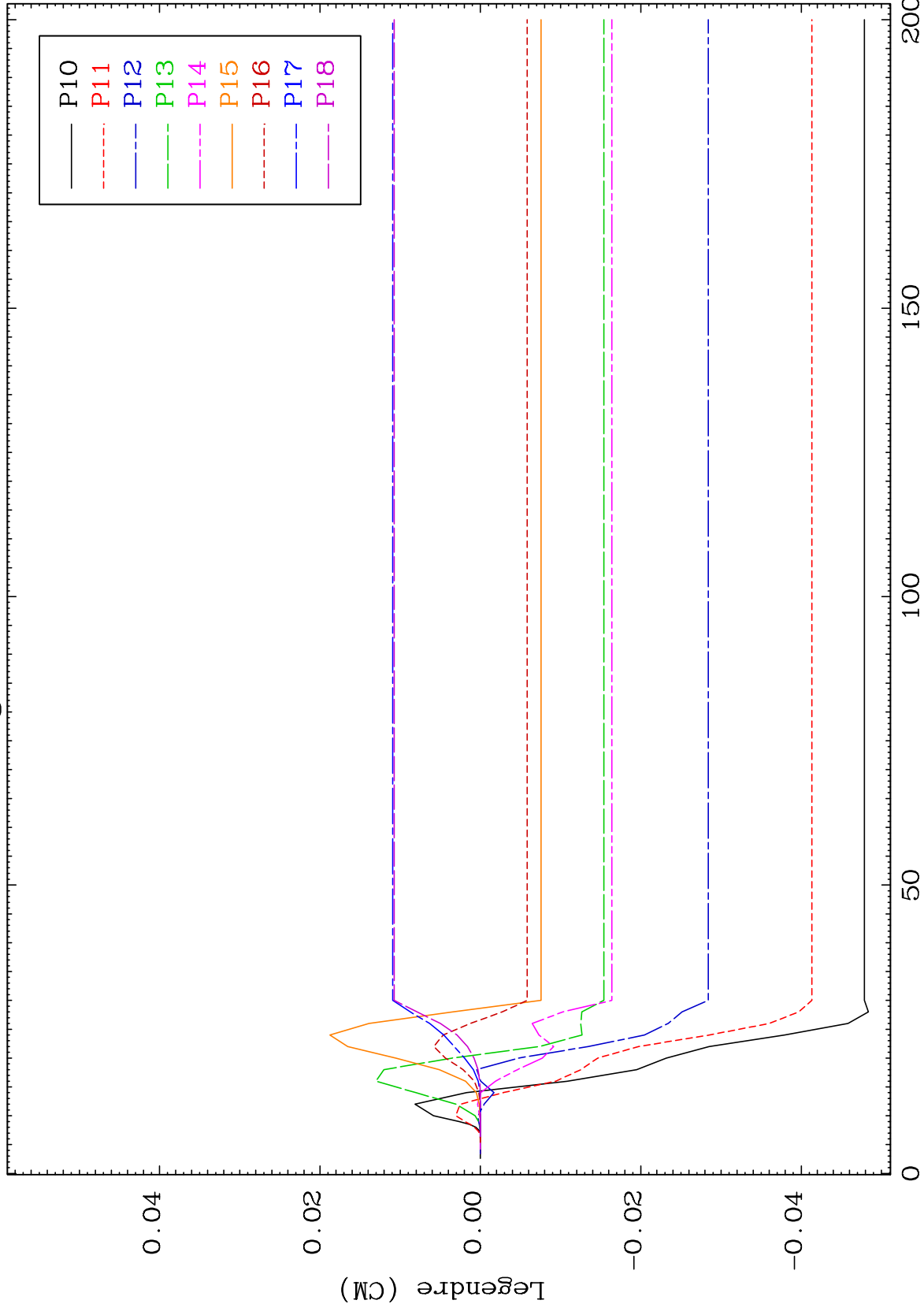
49-In-125



MAT 4961

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

49-In-125



86

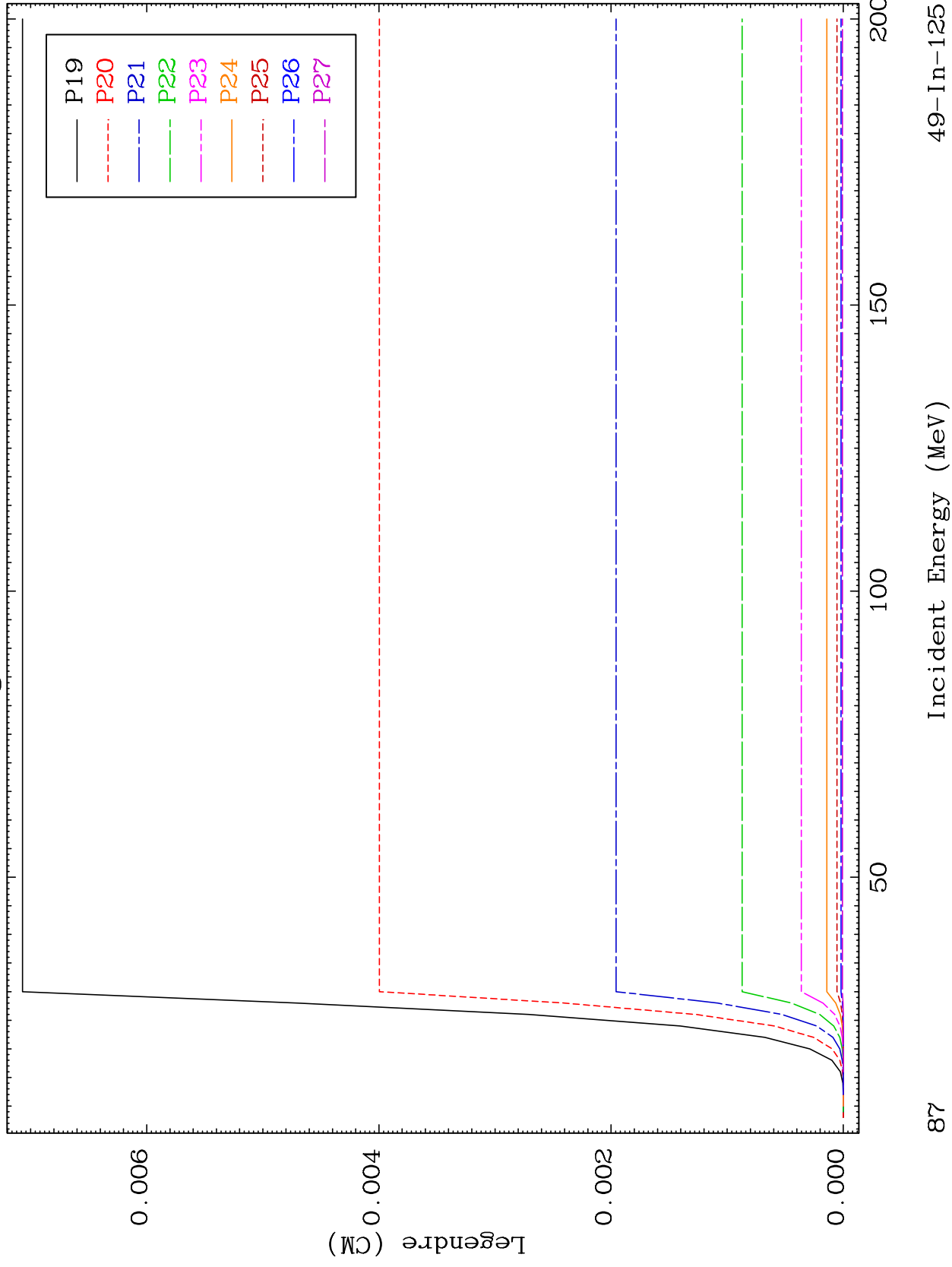
Incident Energy (MeV)

49-In-125

MAT 4961

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

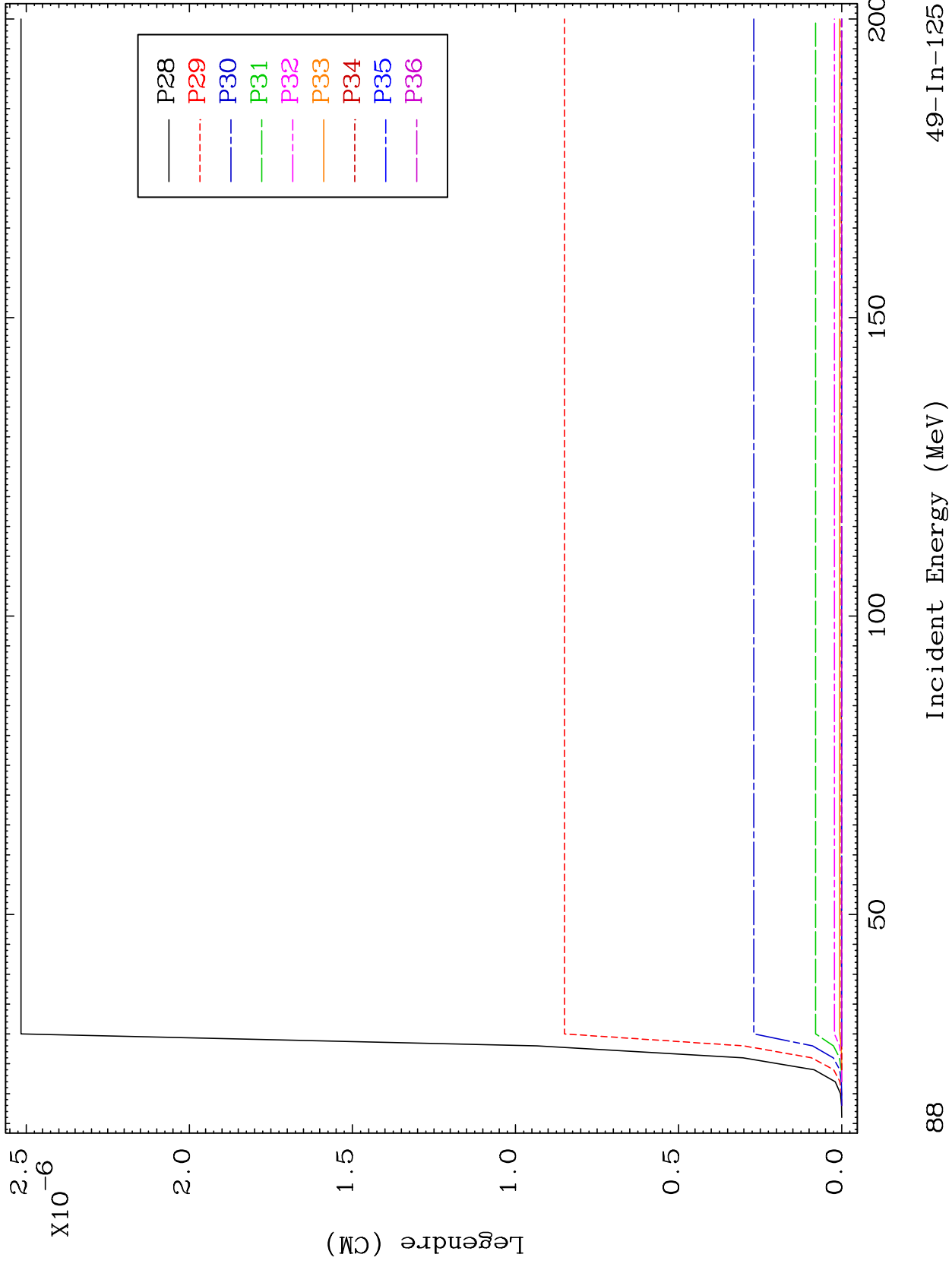
49-In-125



MAT 4961

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

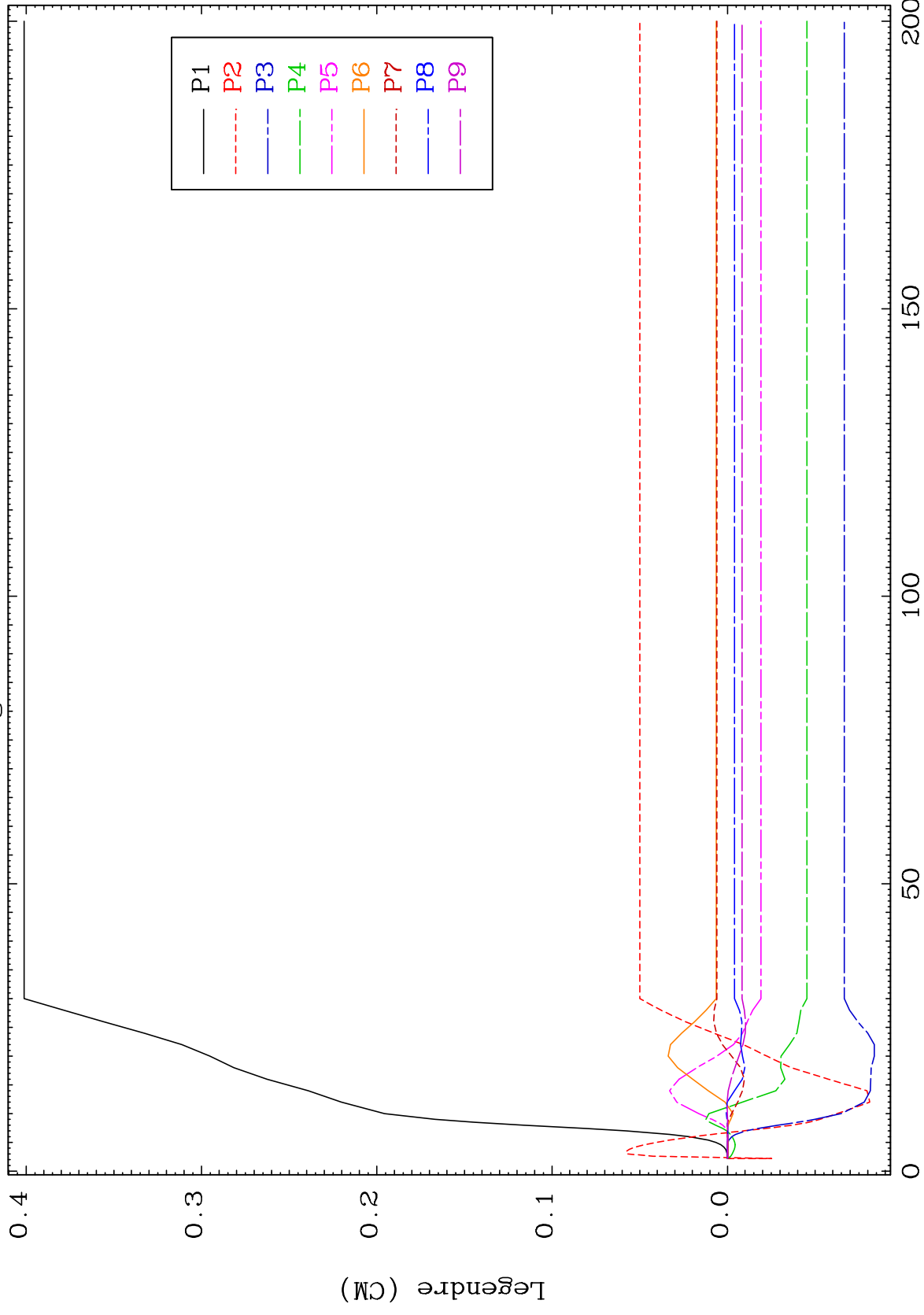
49-In-125



MAT 4961

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

49-In-125



89

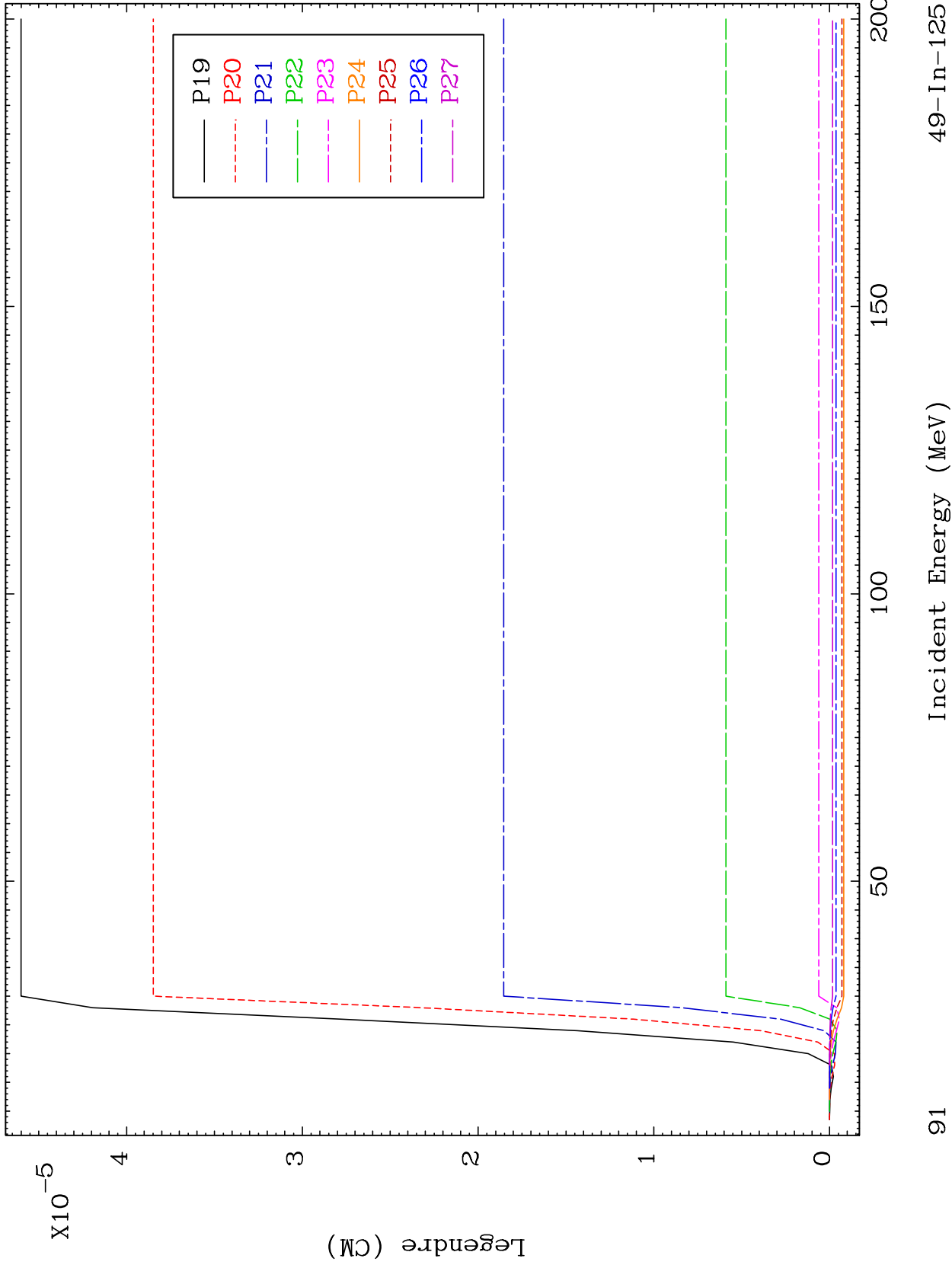
Incident Energy (MeV)

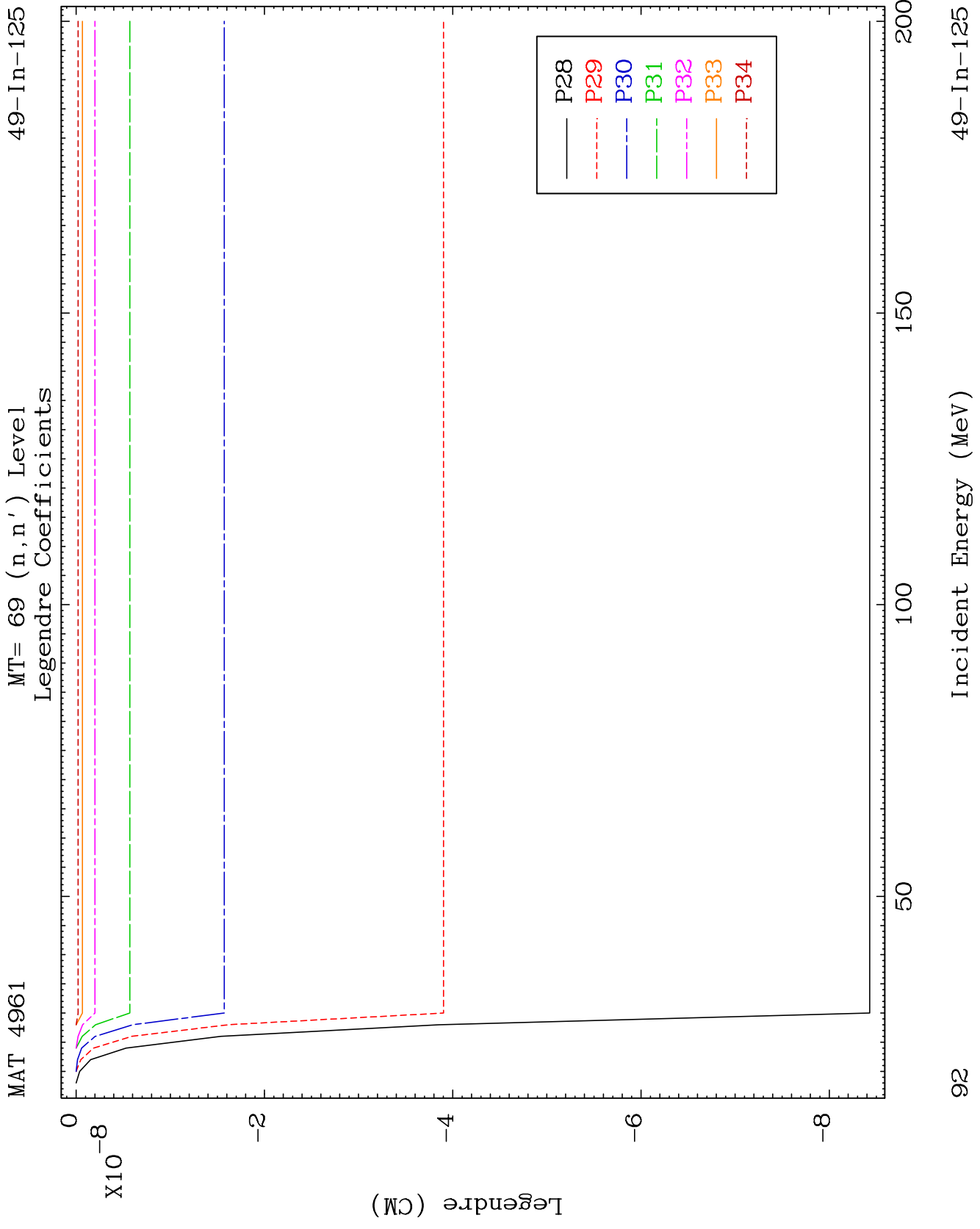
49-In-125

MAT 4961

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

49-In-125

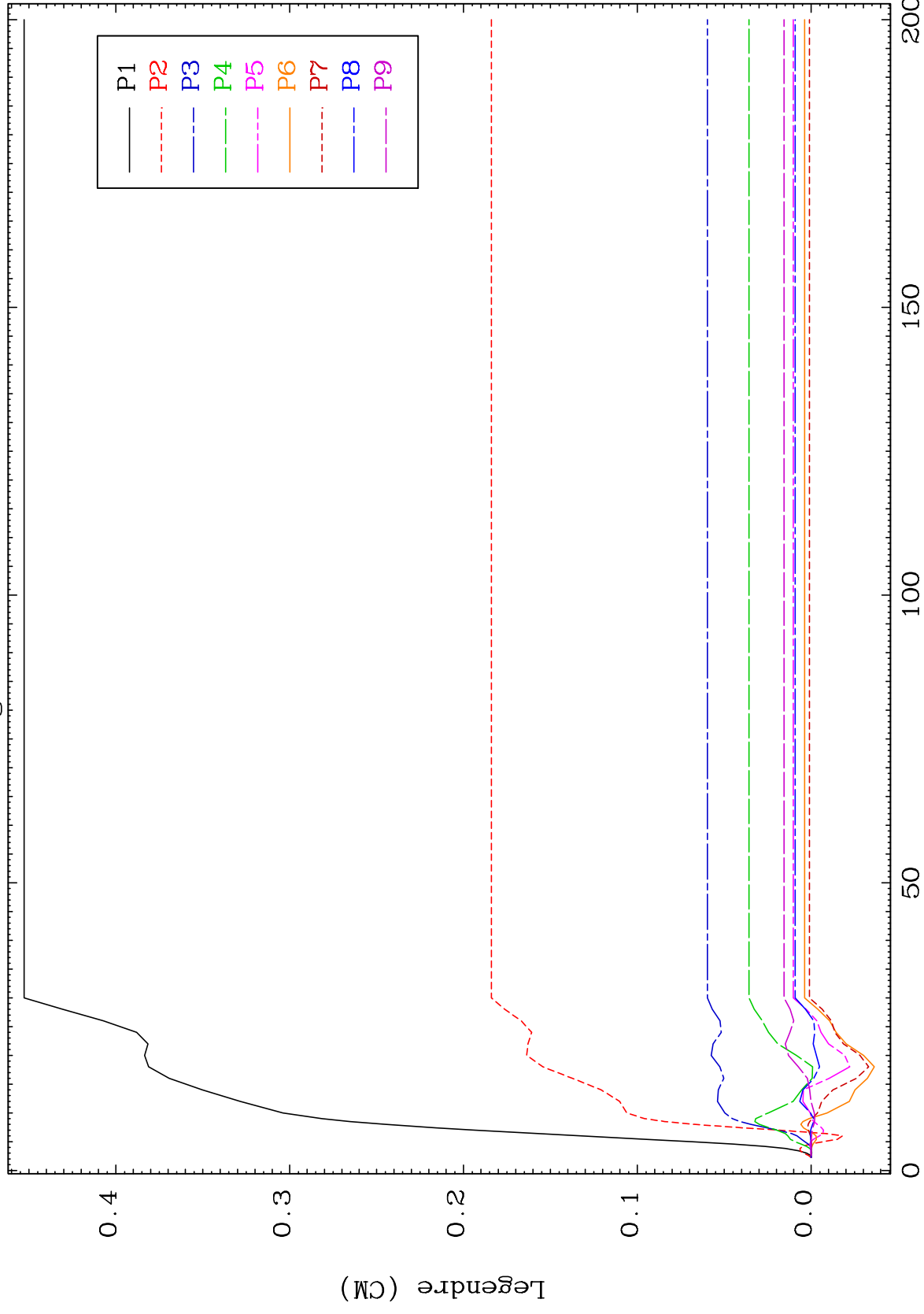




MAT 4961

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

49-In-125



93

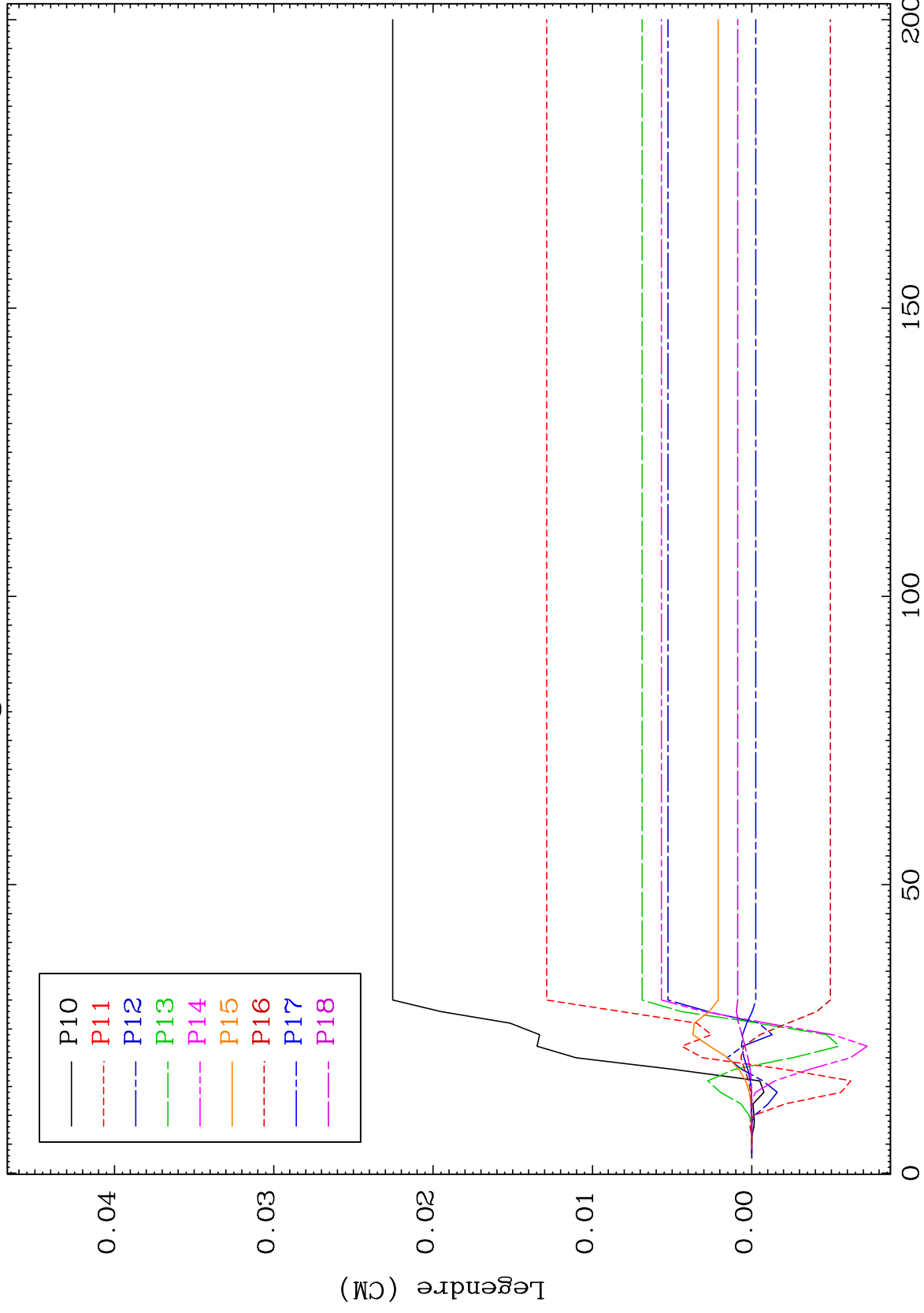
Incident Energy (MeV)

49-In-125

MAT 4961

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

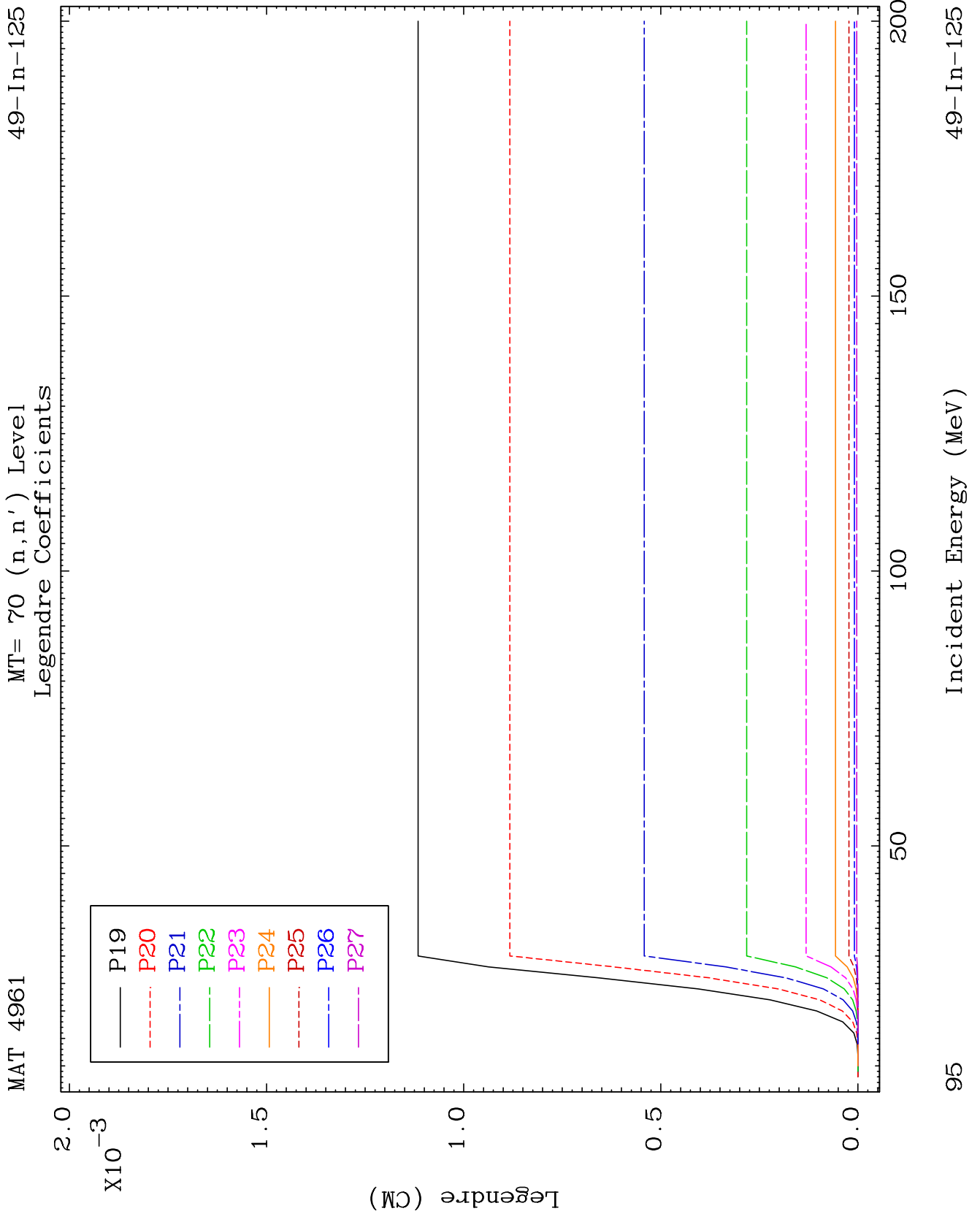
49-In-125



94

Incident Energy (MeV)

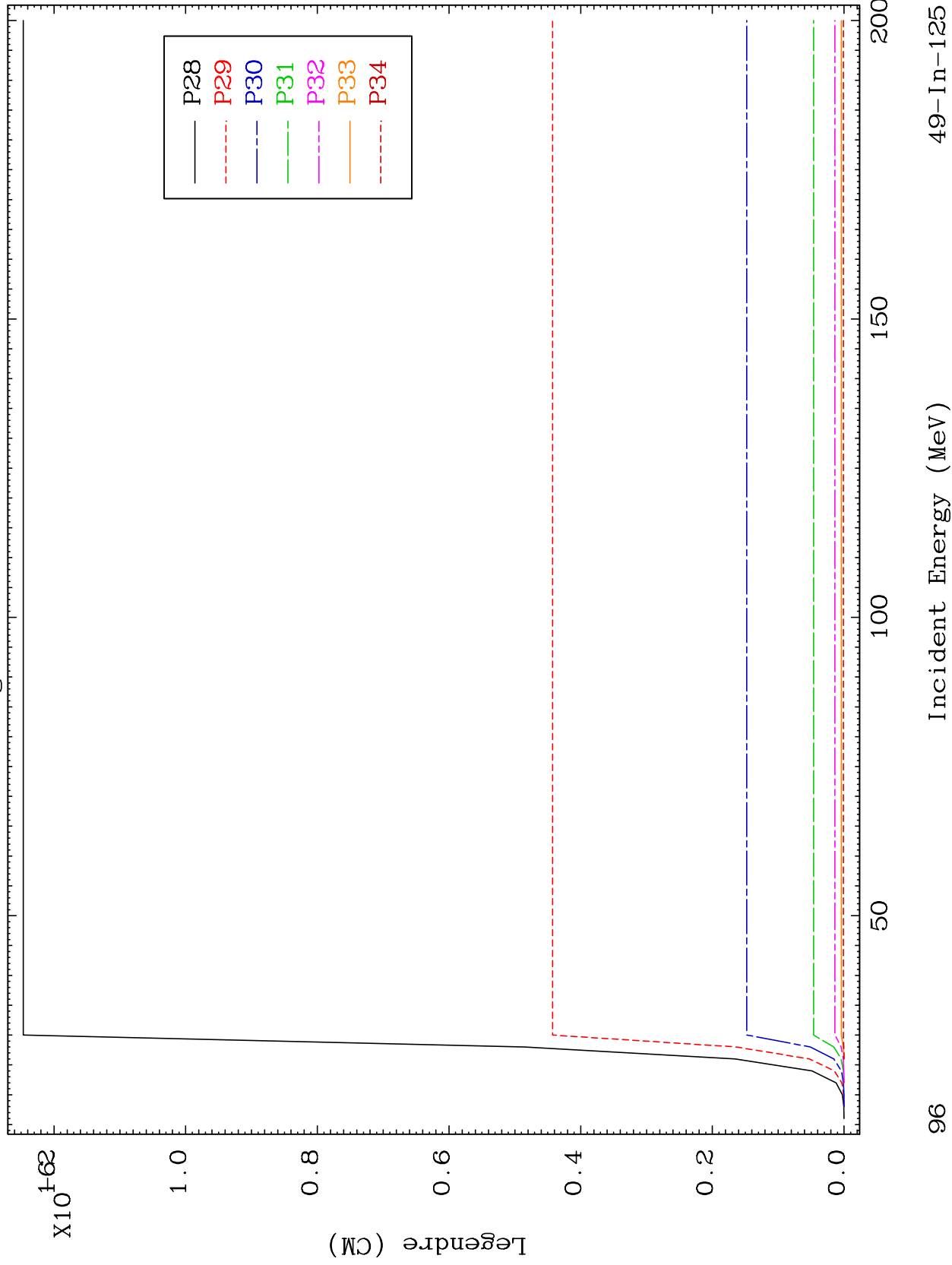
49-In-125



MAT 4961

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

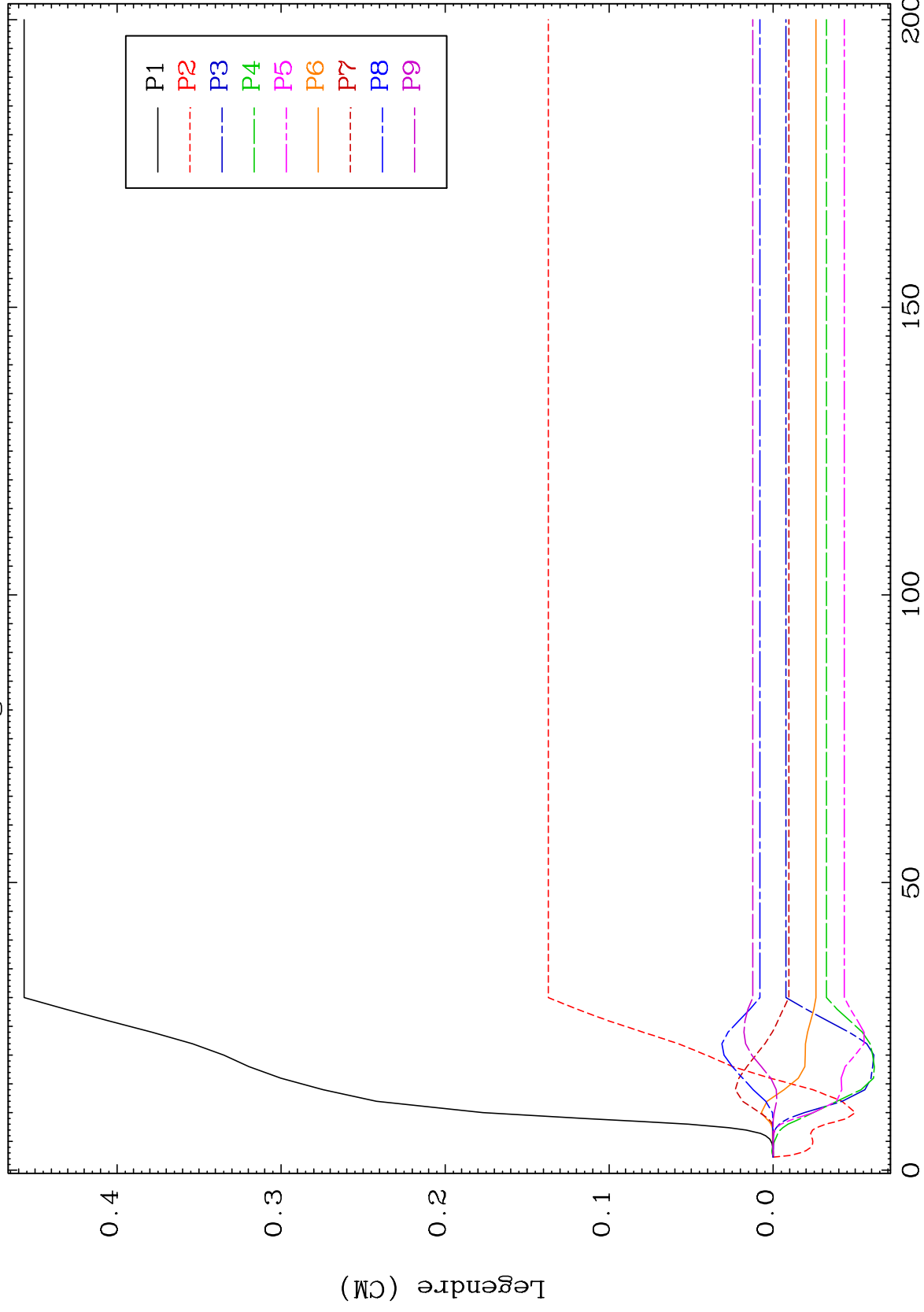
49-In-125



MAT 4961

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

49-In-125



97

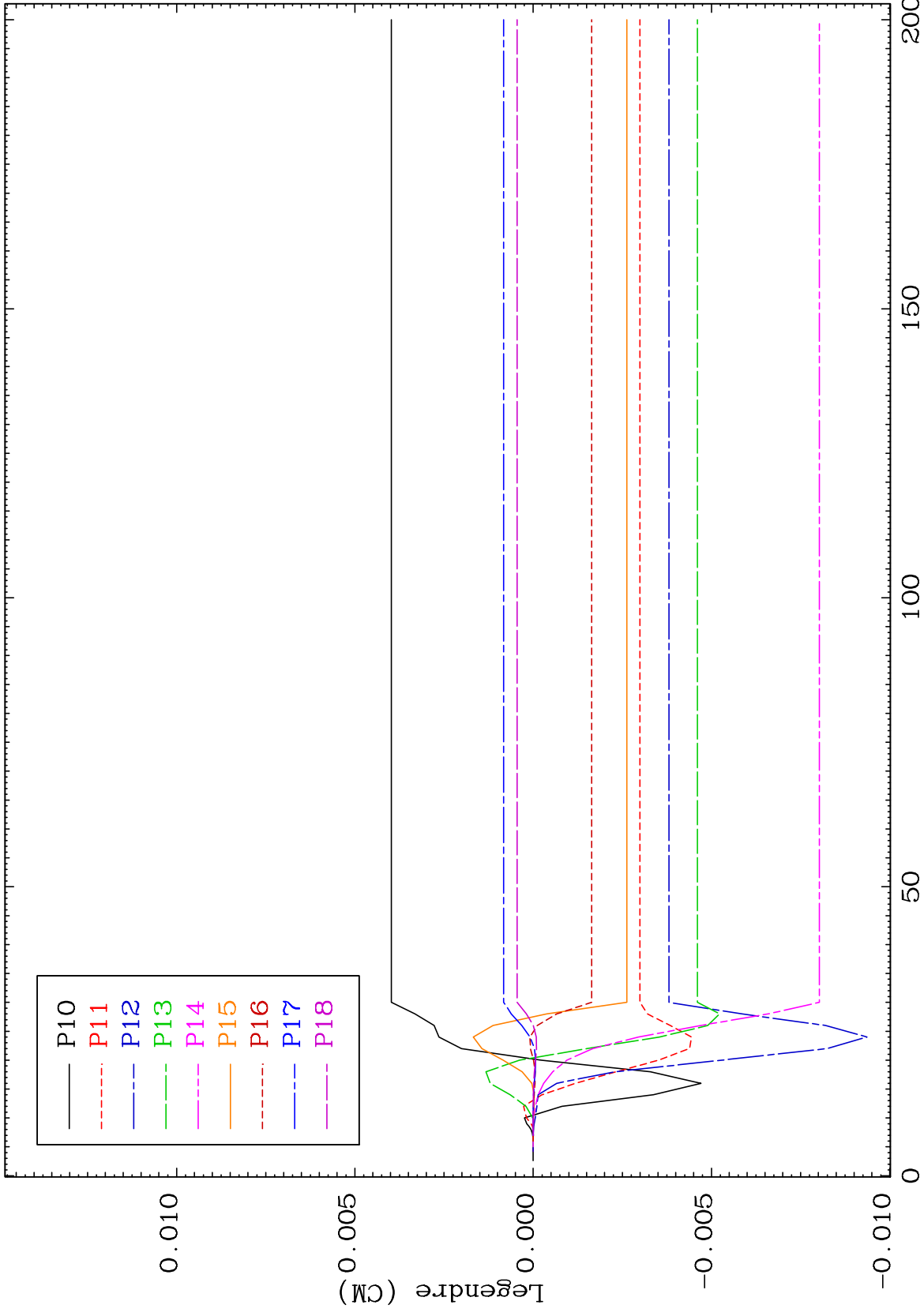
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



98

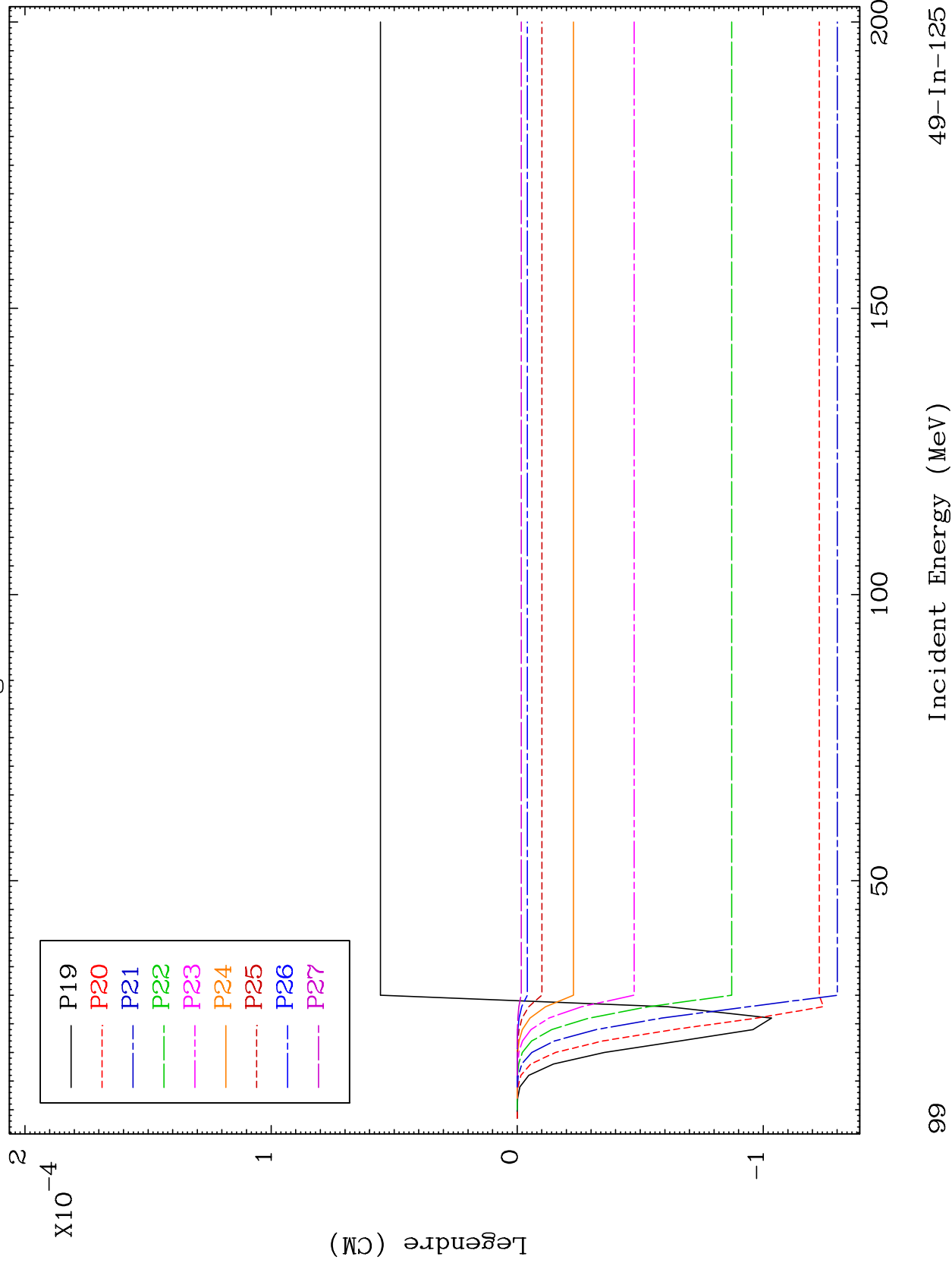
Incident Energy (MeV)

49-In-125

MAT 4961

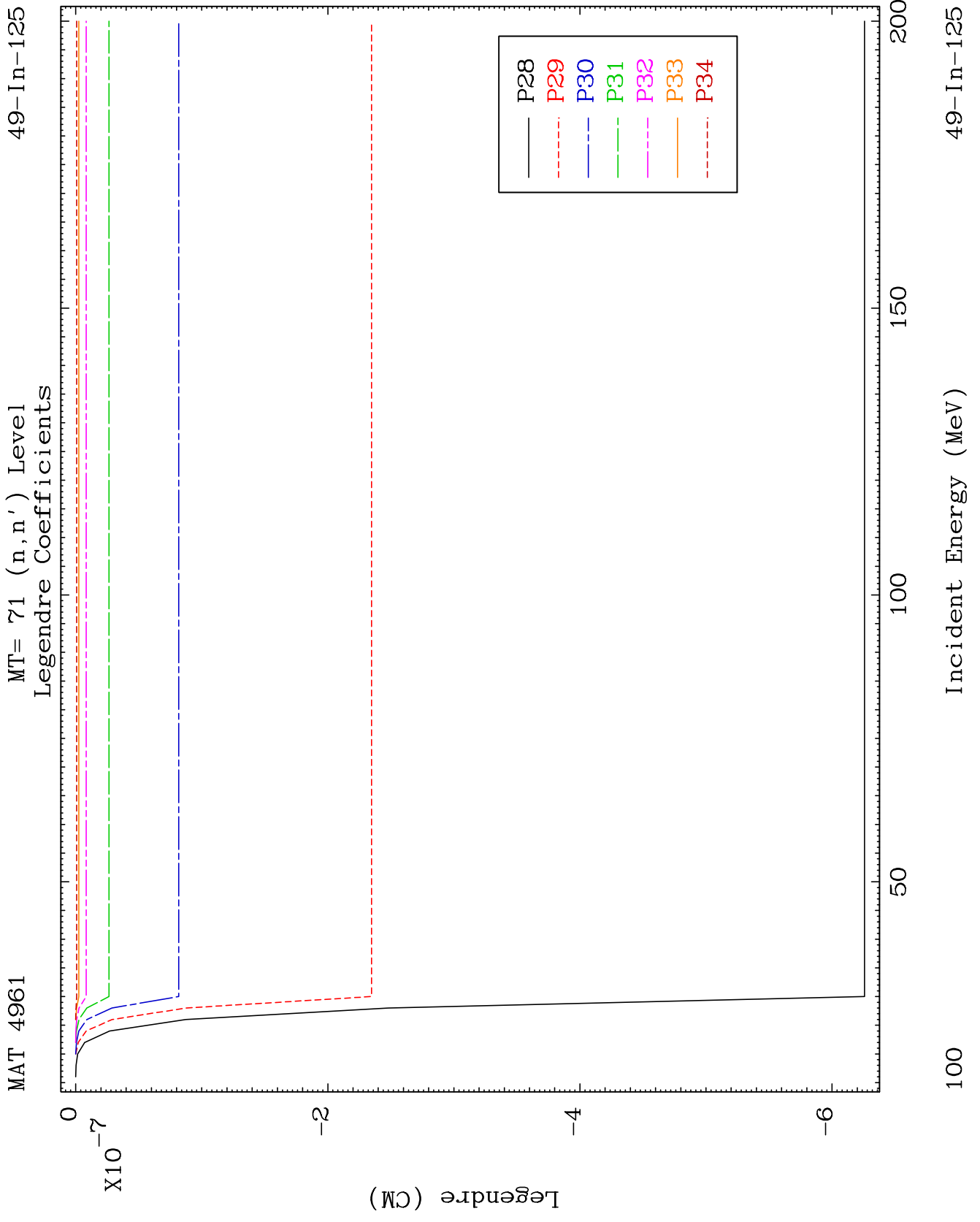
MT= 71 (n,n') Level
Legendre Coefficients

49-In-125



99

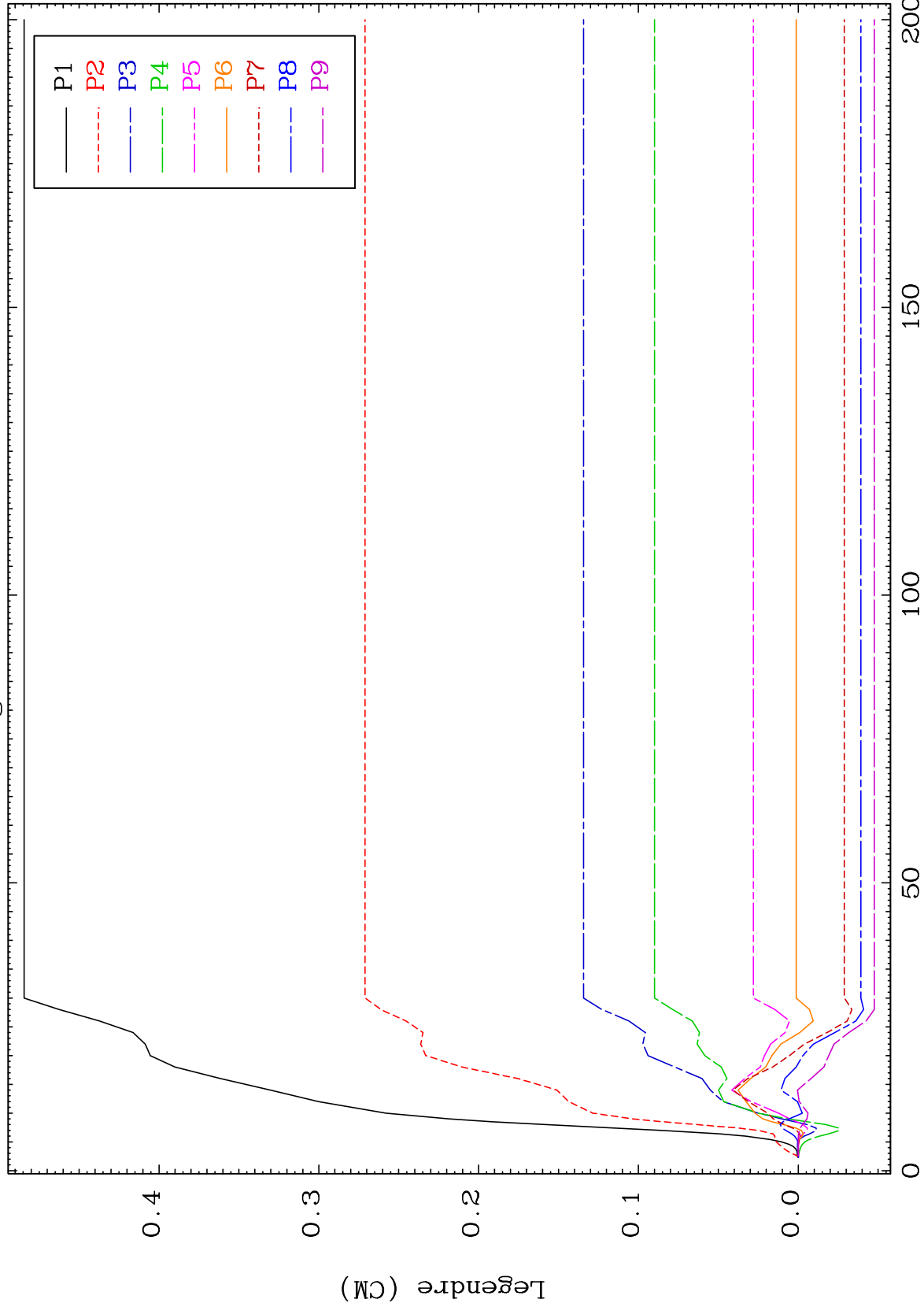
49-In-125



MAT 4961

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

49-In-125



0

50

100

150

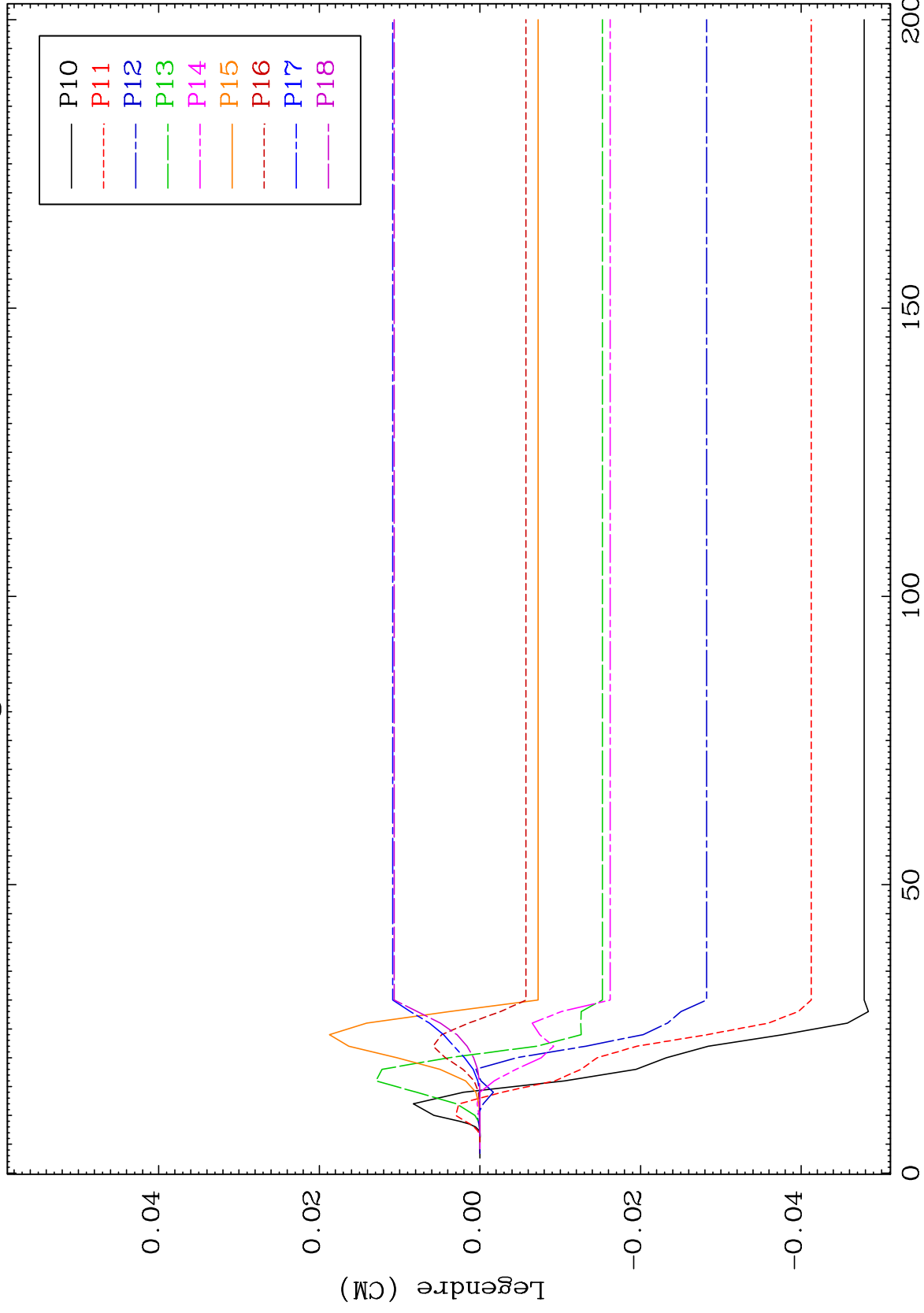
200

49-In-125

MAT 4961

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

49-In-125



102

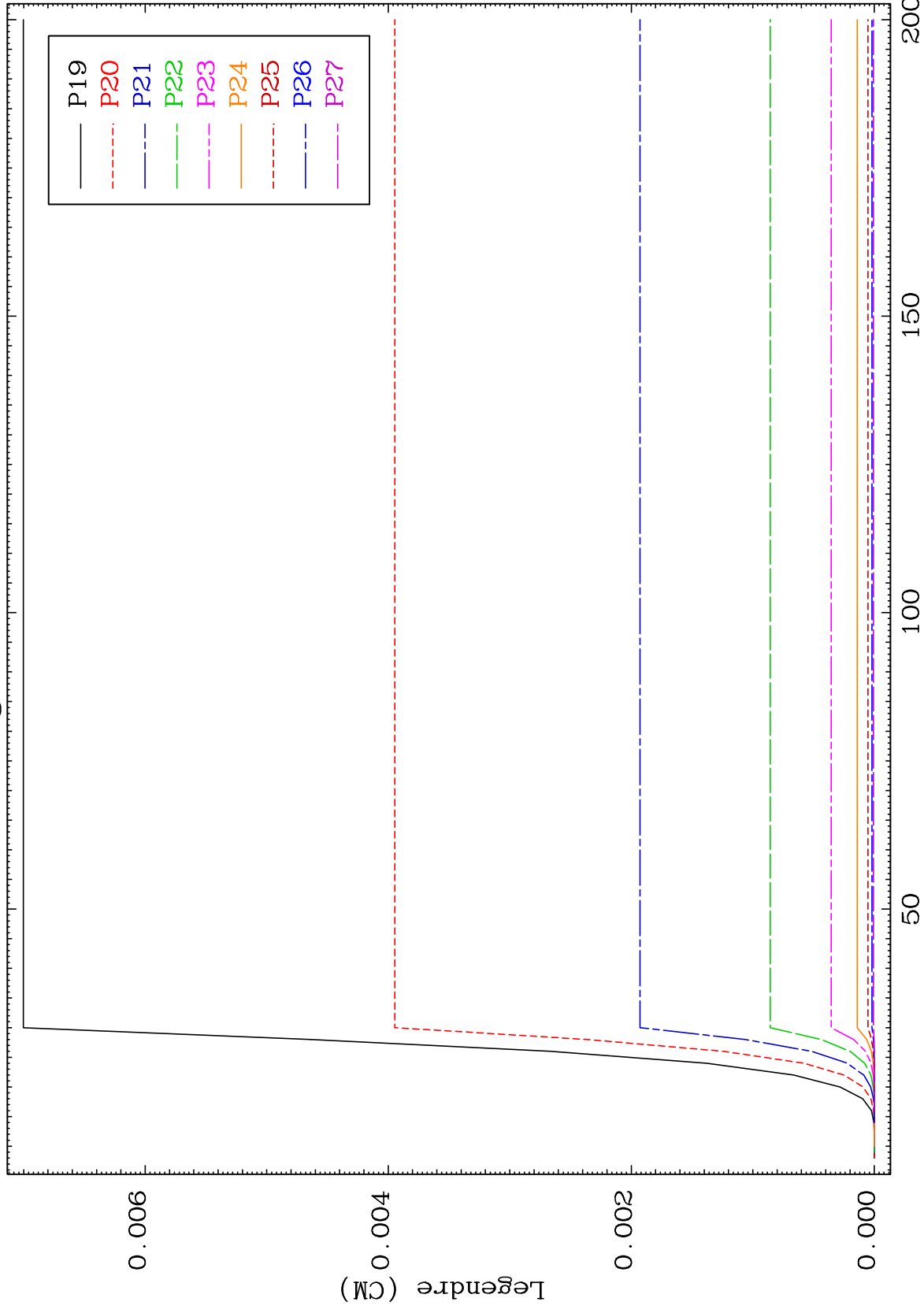
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



103

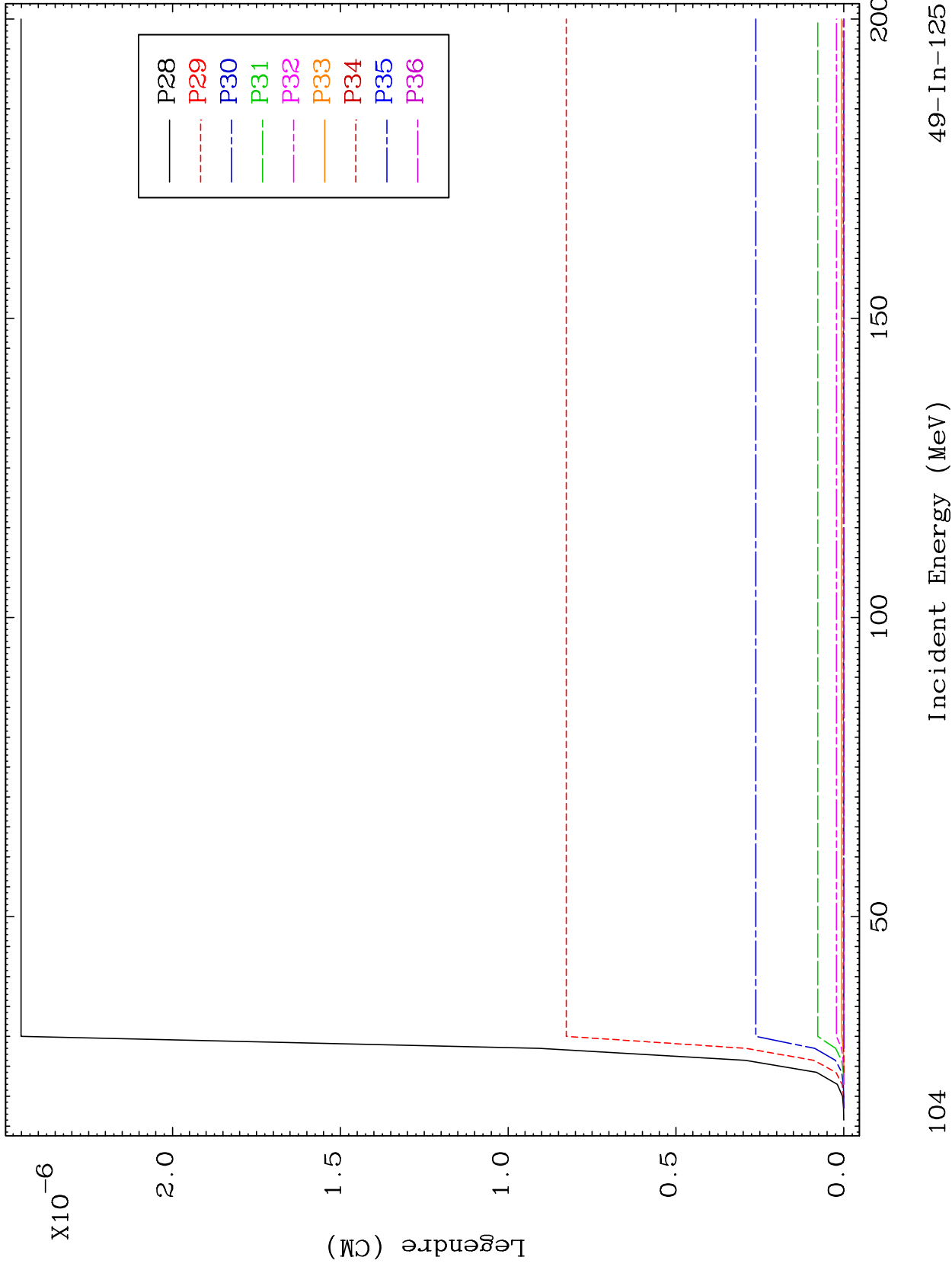
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



104

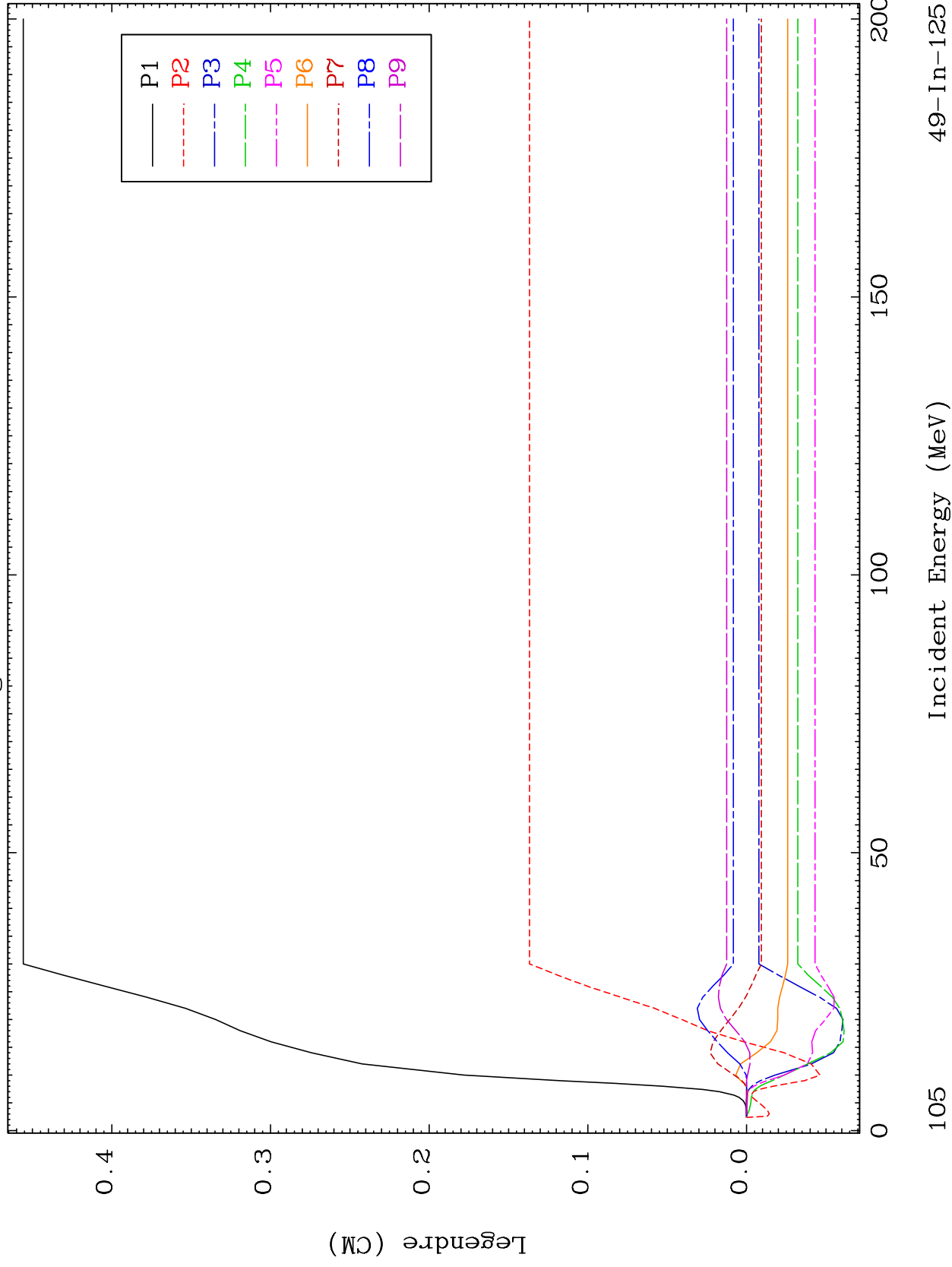
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



49-In-125

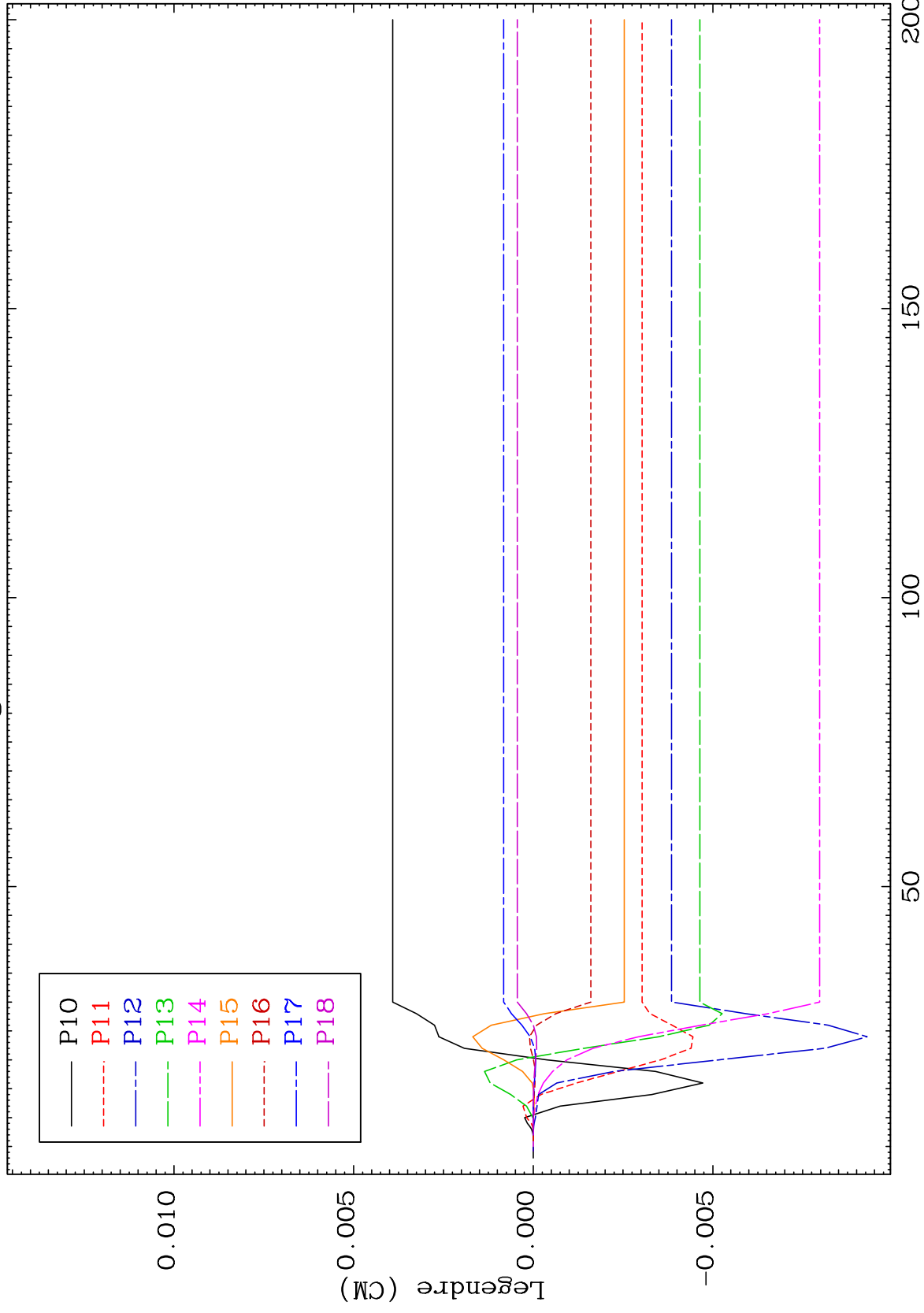
Incident Energy (MeV)

105

MAT 4961

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

49-In-125



106

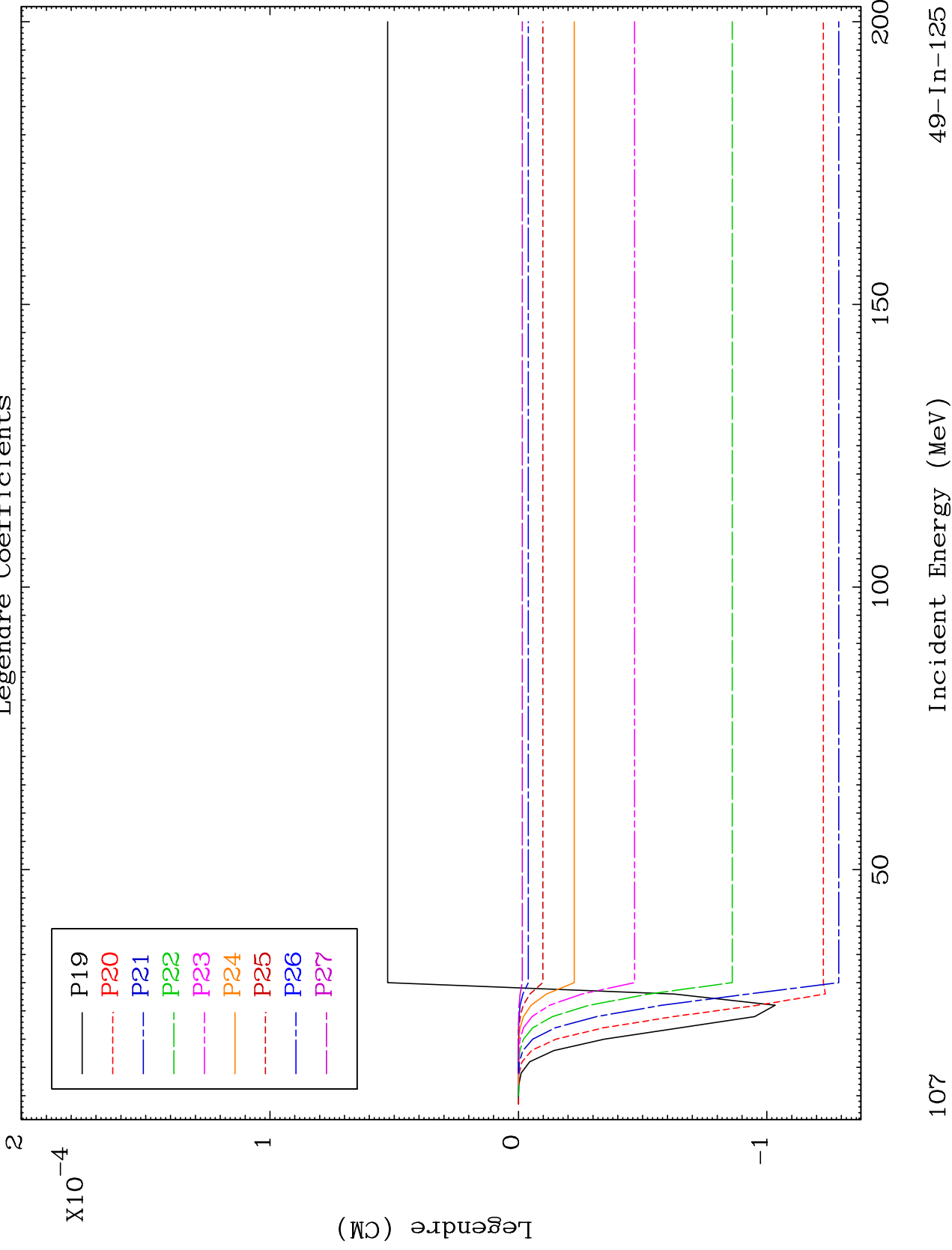
Incident Energy (MeV)

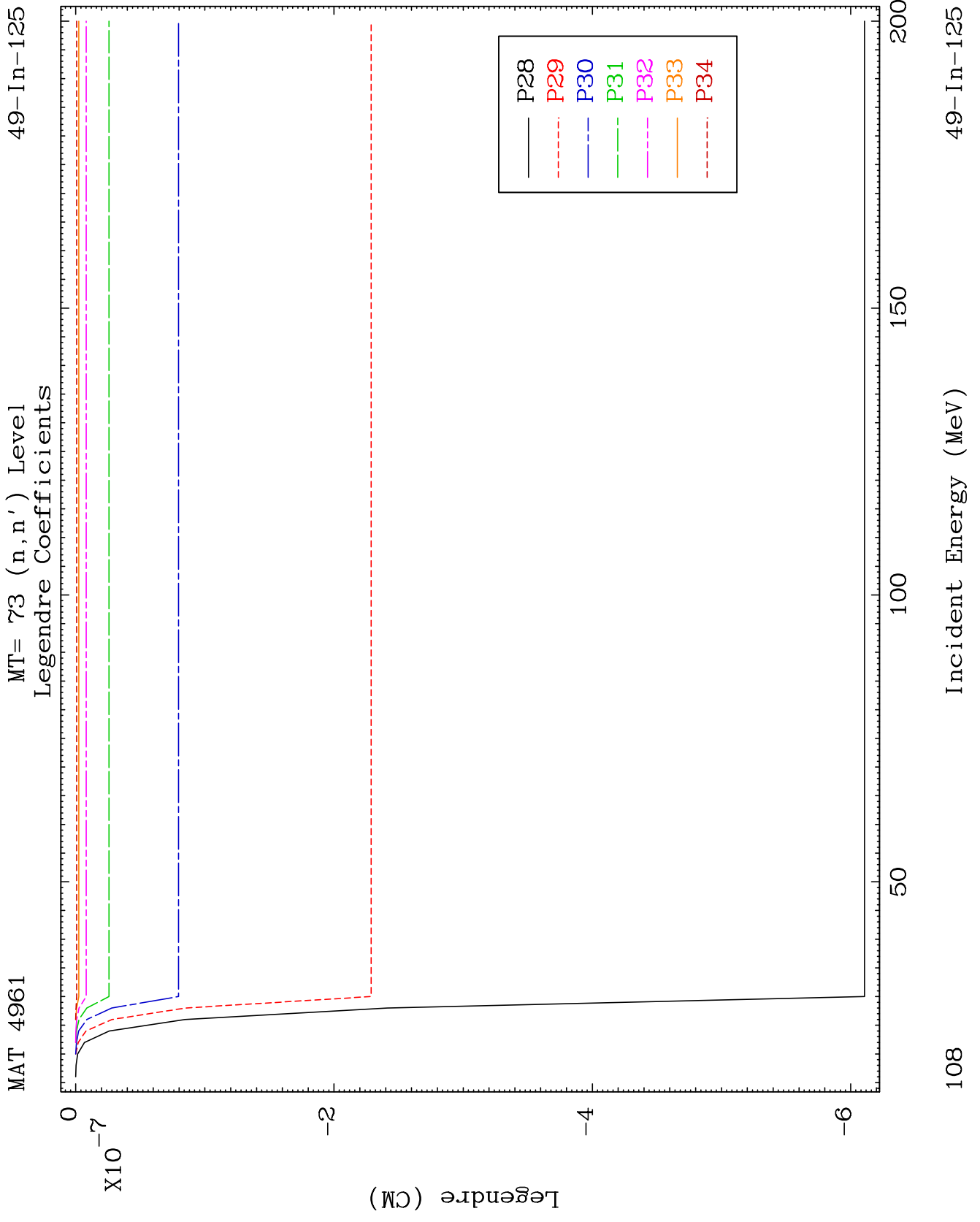
49-In-125

MAT 4961

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

49-In-125

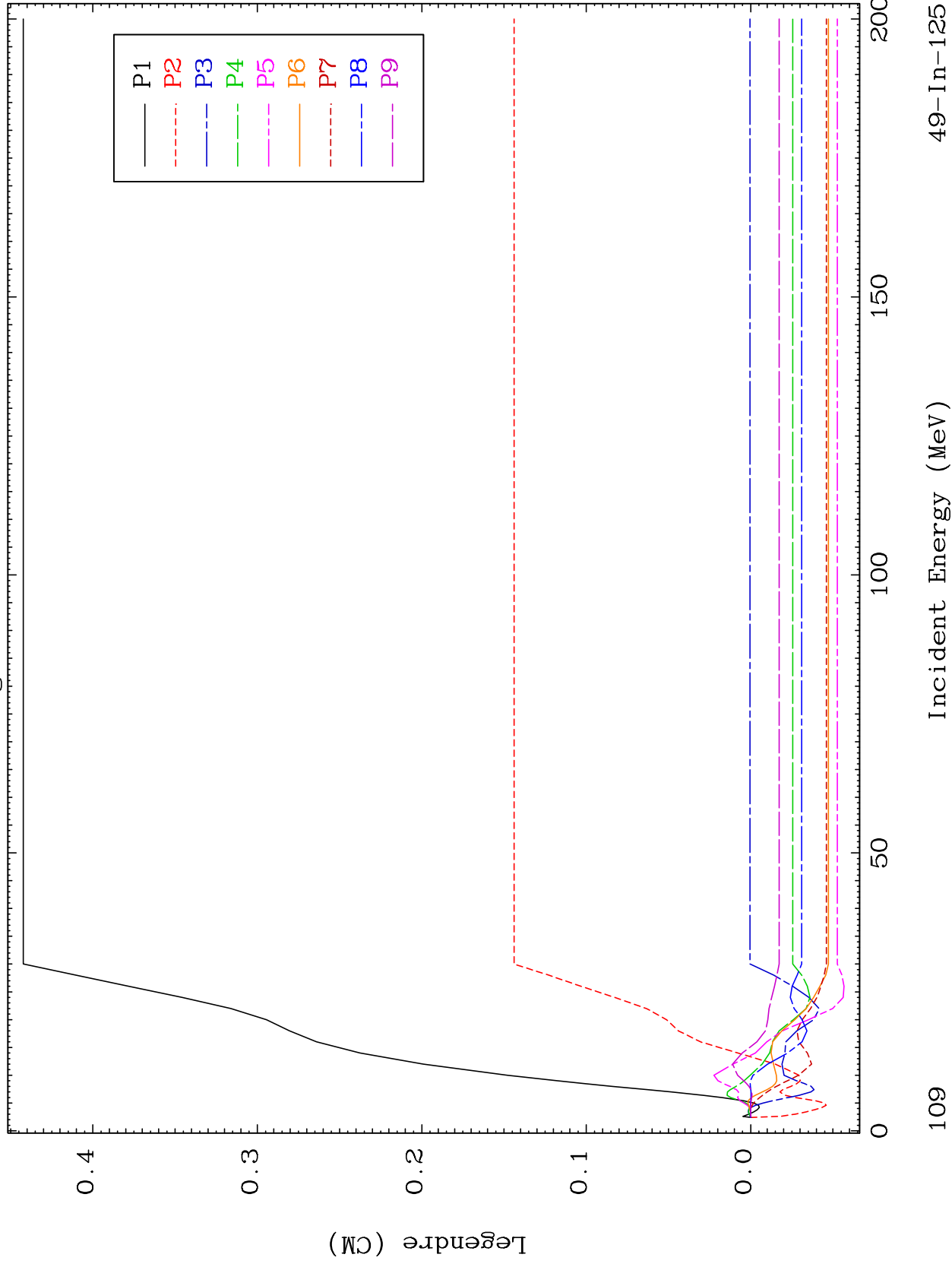




MAT 4961

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

49-In-125



109

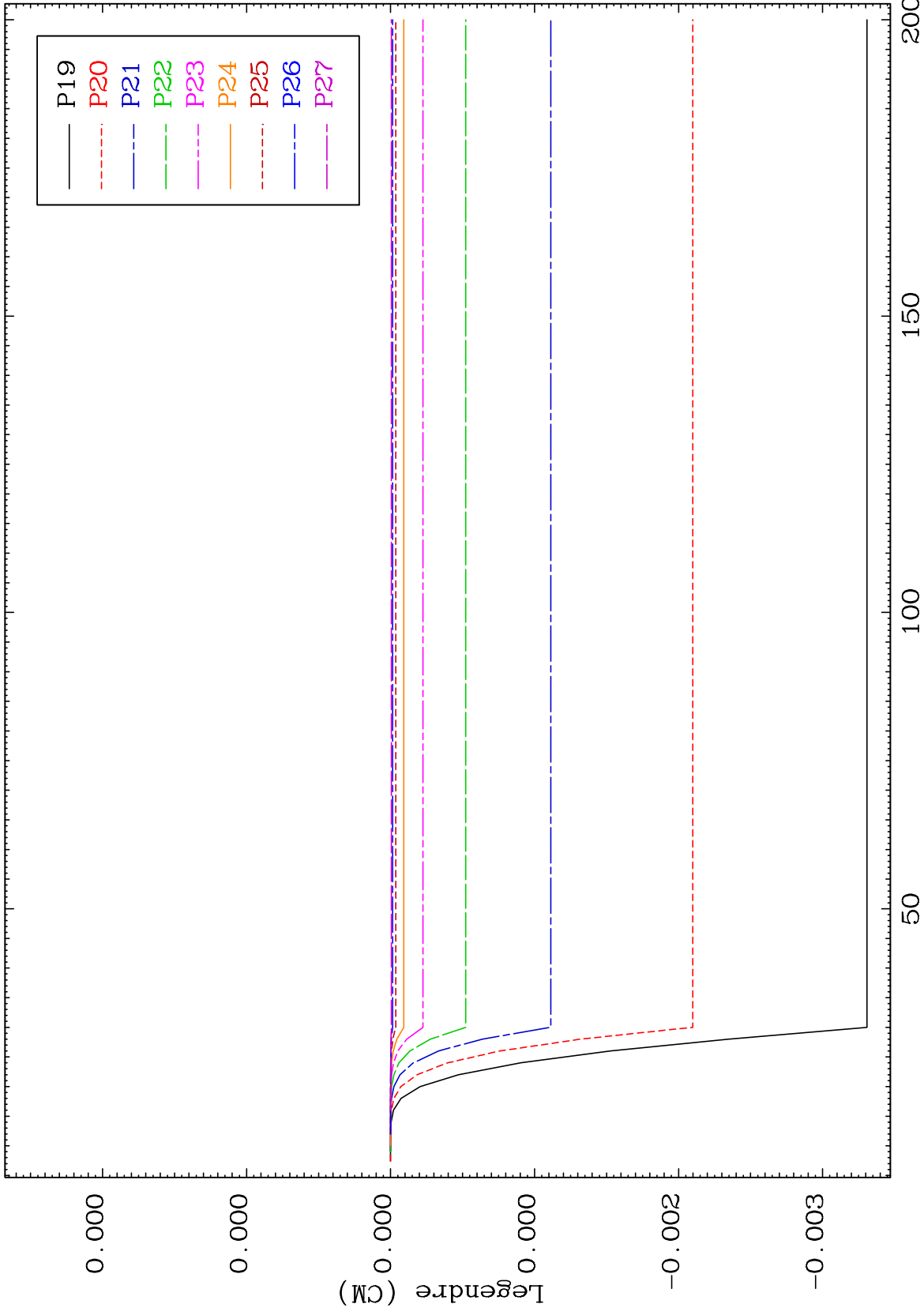
Incident Energy (MeV)

49-In-125

MAT 4961

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

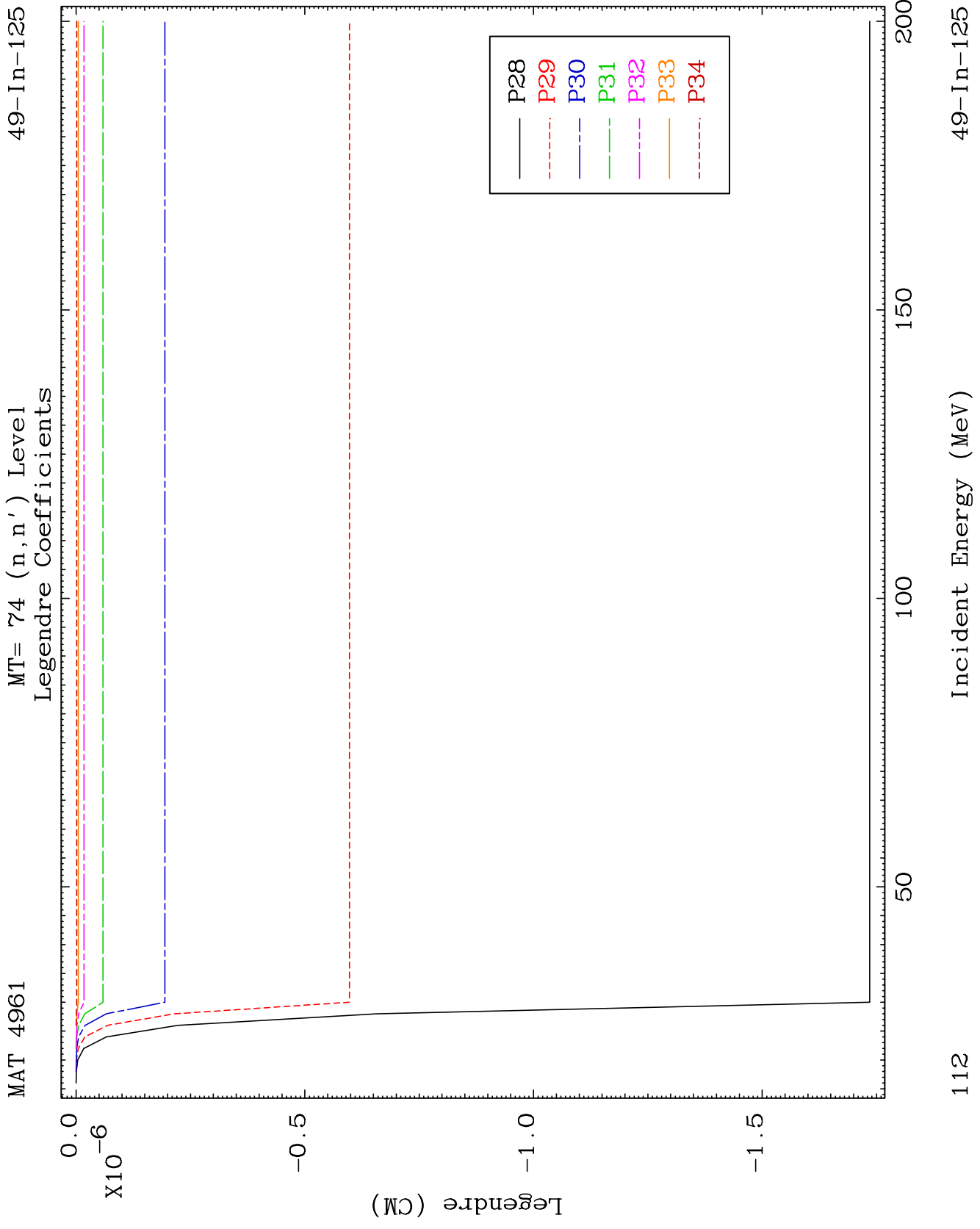
49-In-125



111

Incident Energy (MeV)

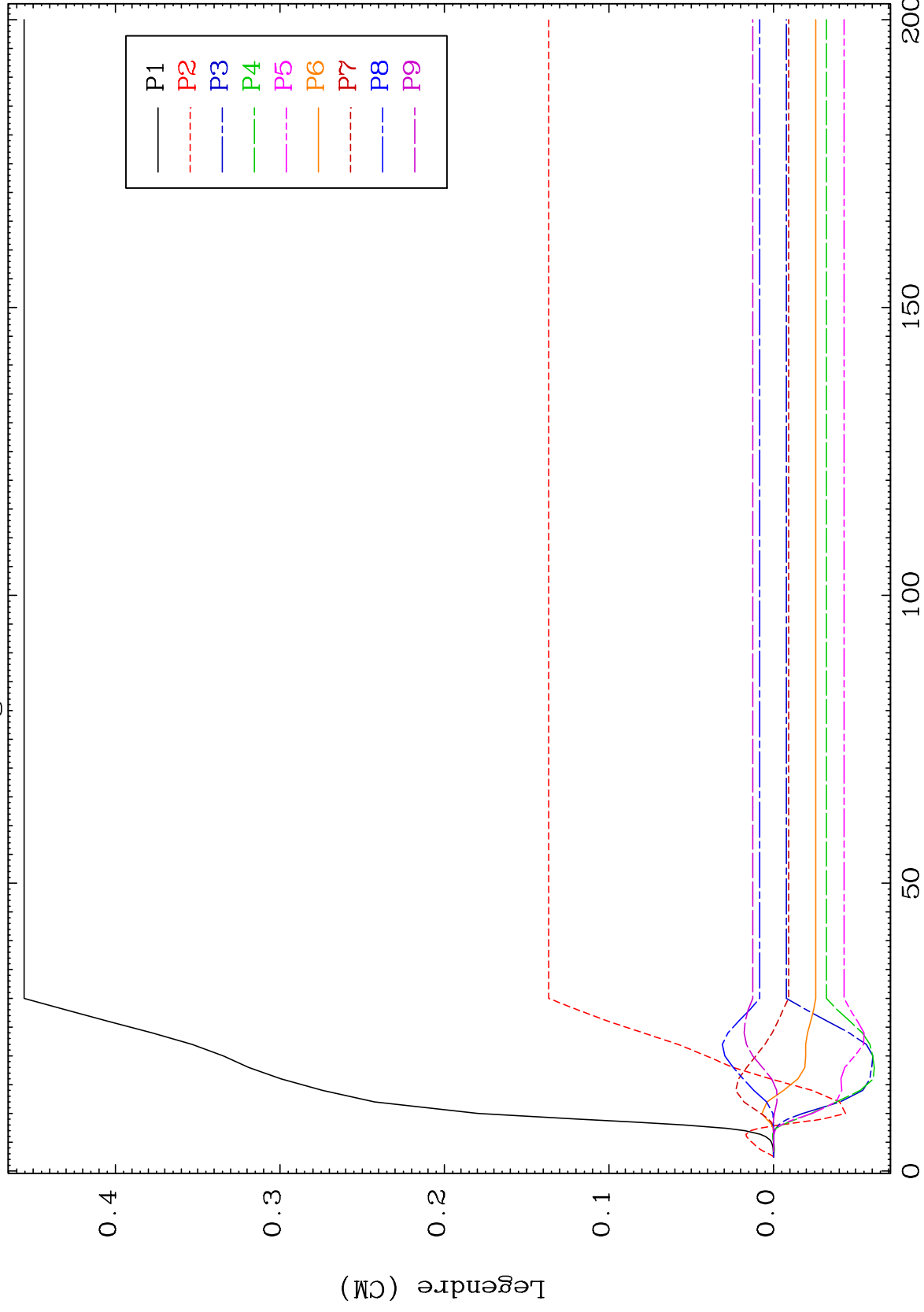
49-In-125



MAT 4961

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

49-In-125



113

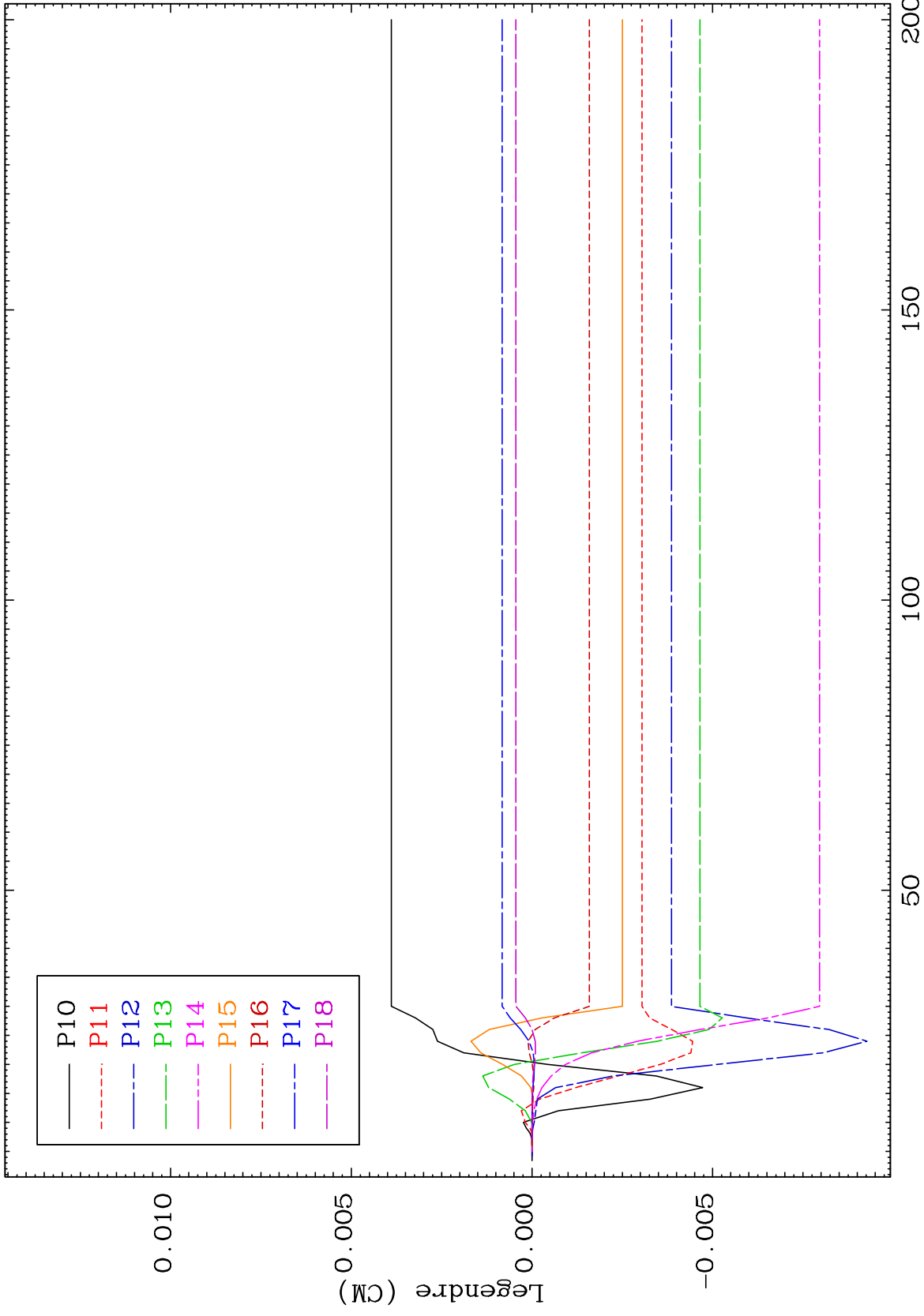
Incident Energy (MeV)

49-In-125

MAT 4961

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

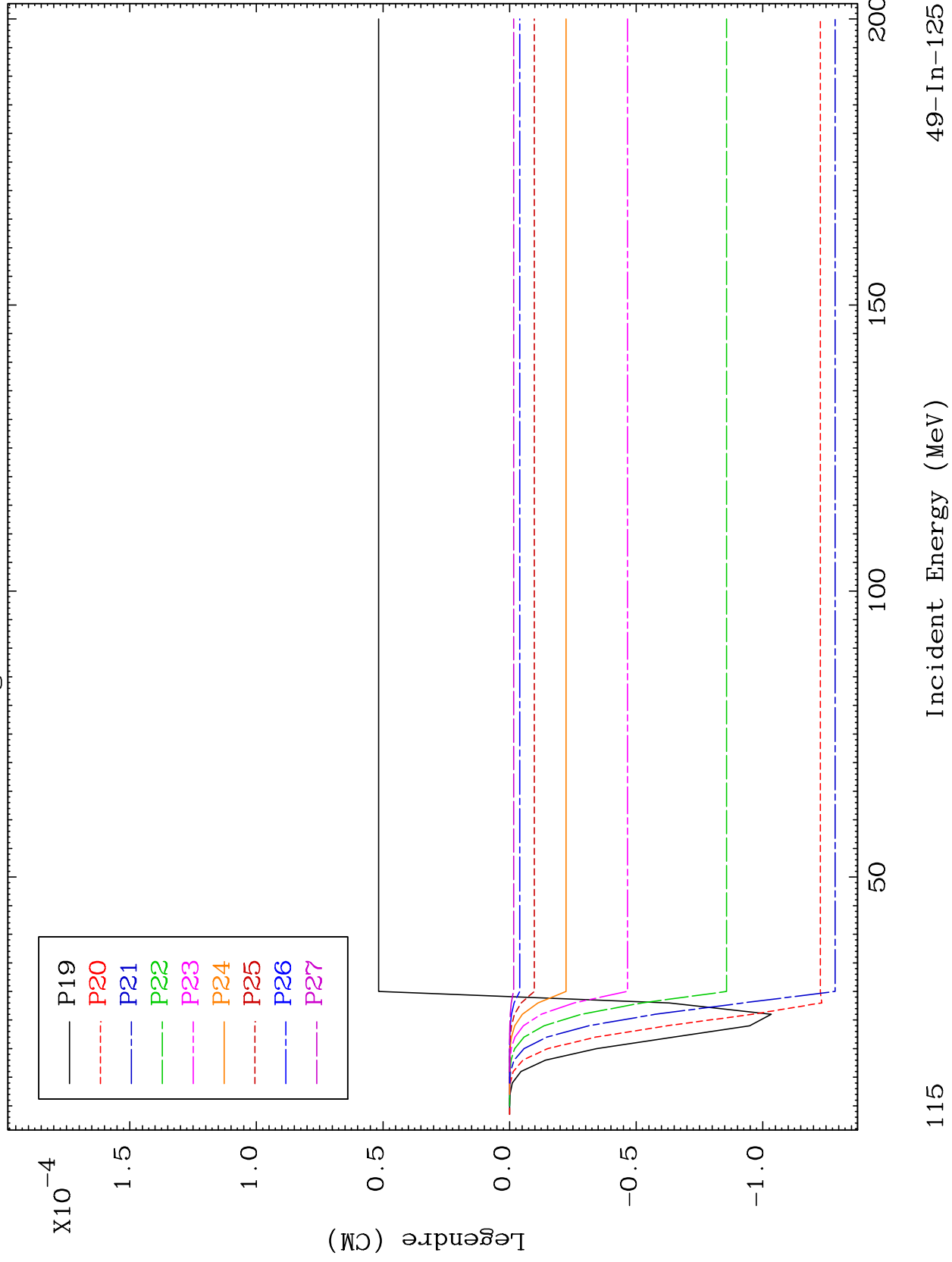
49-In-125



MAT 4961

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

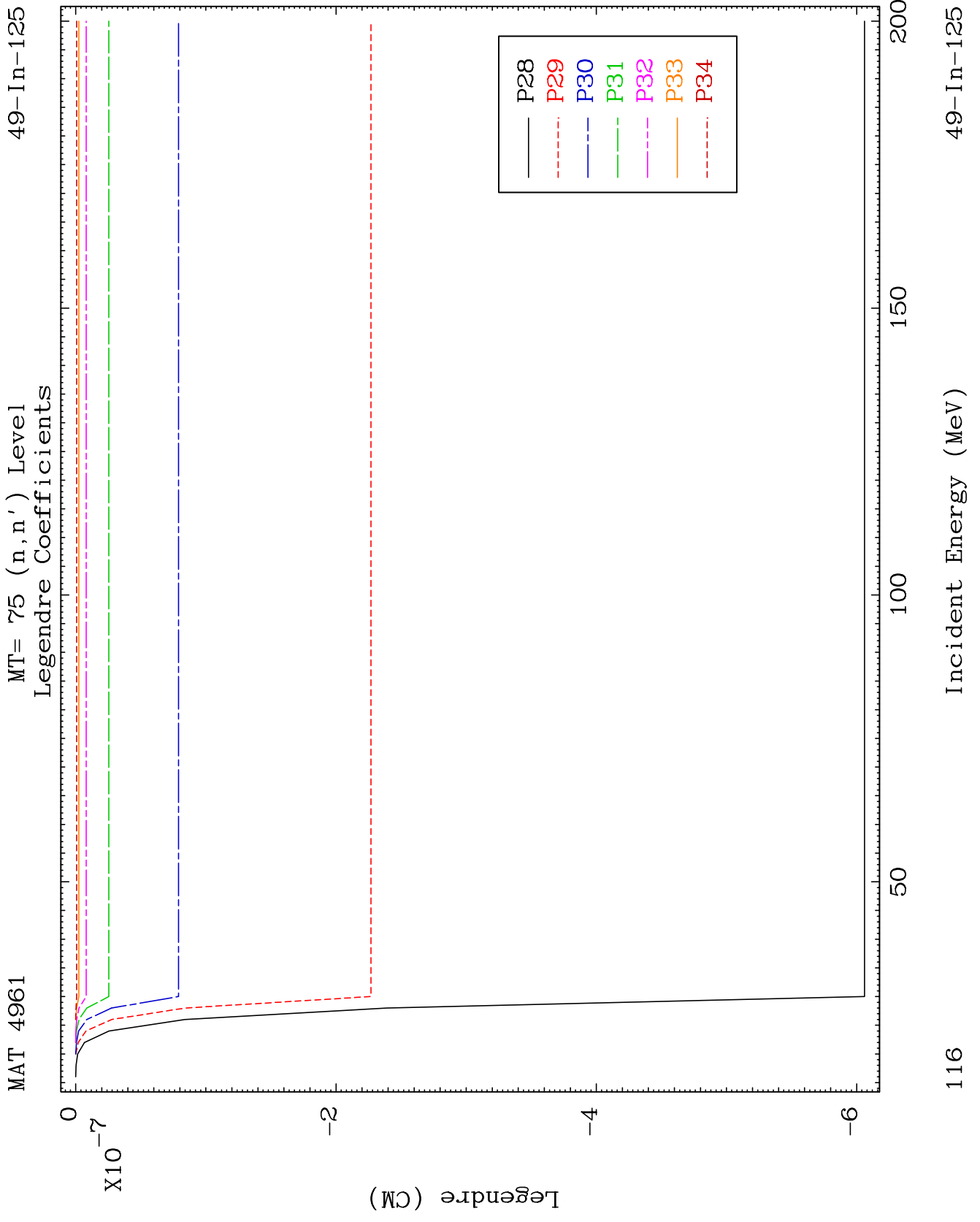
49-In-125



115

Incident Energy (MeV)

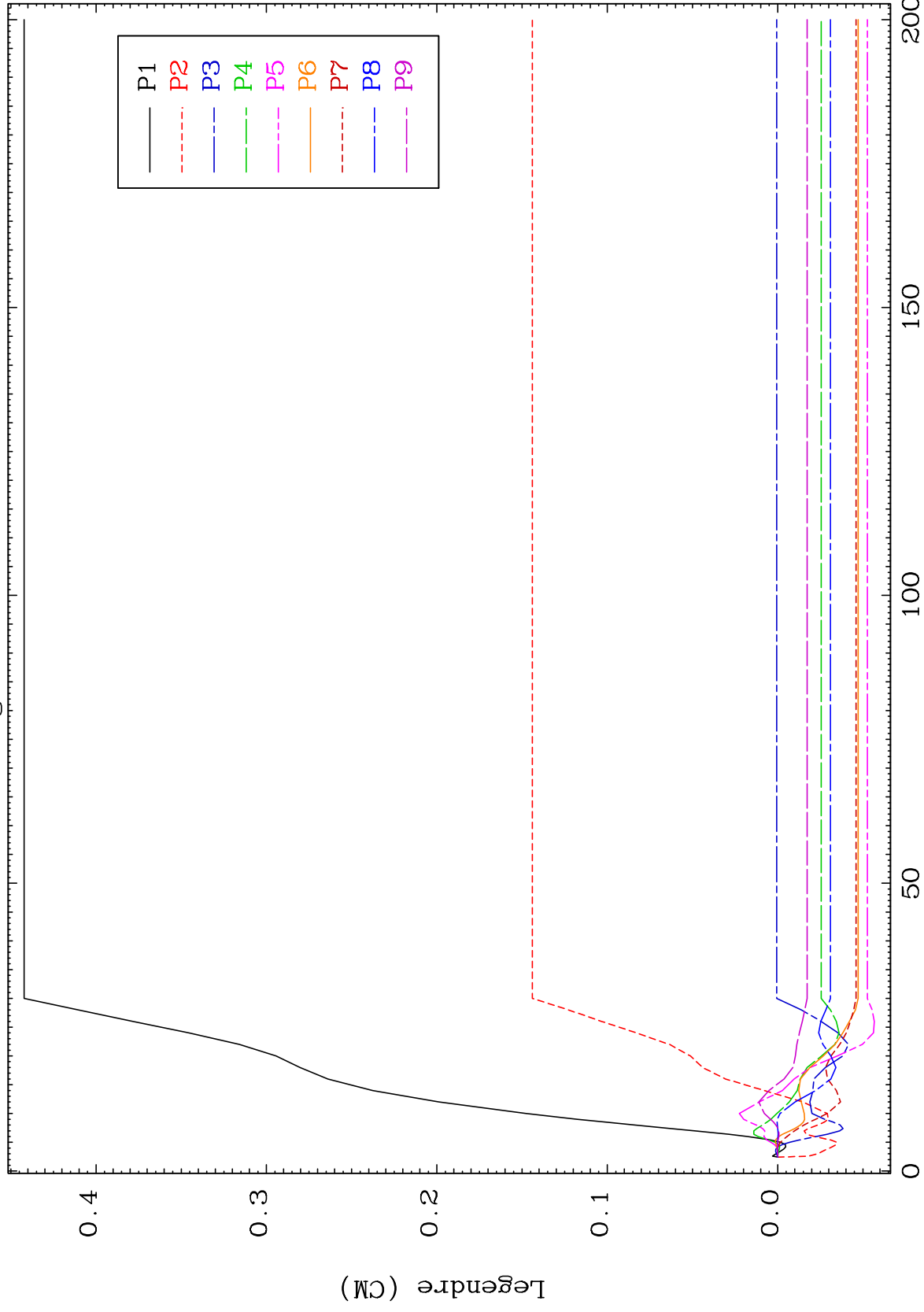
49-In-125



MAT 4961

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

49-In-125



117

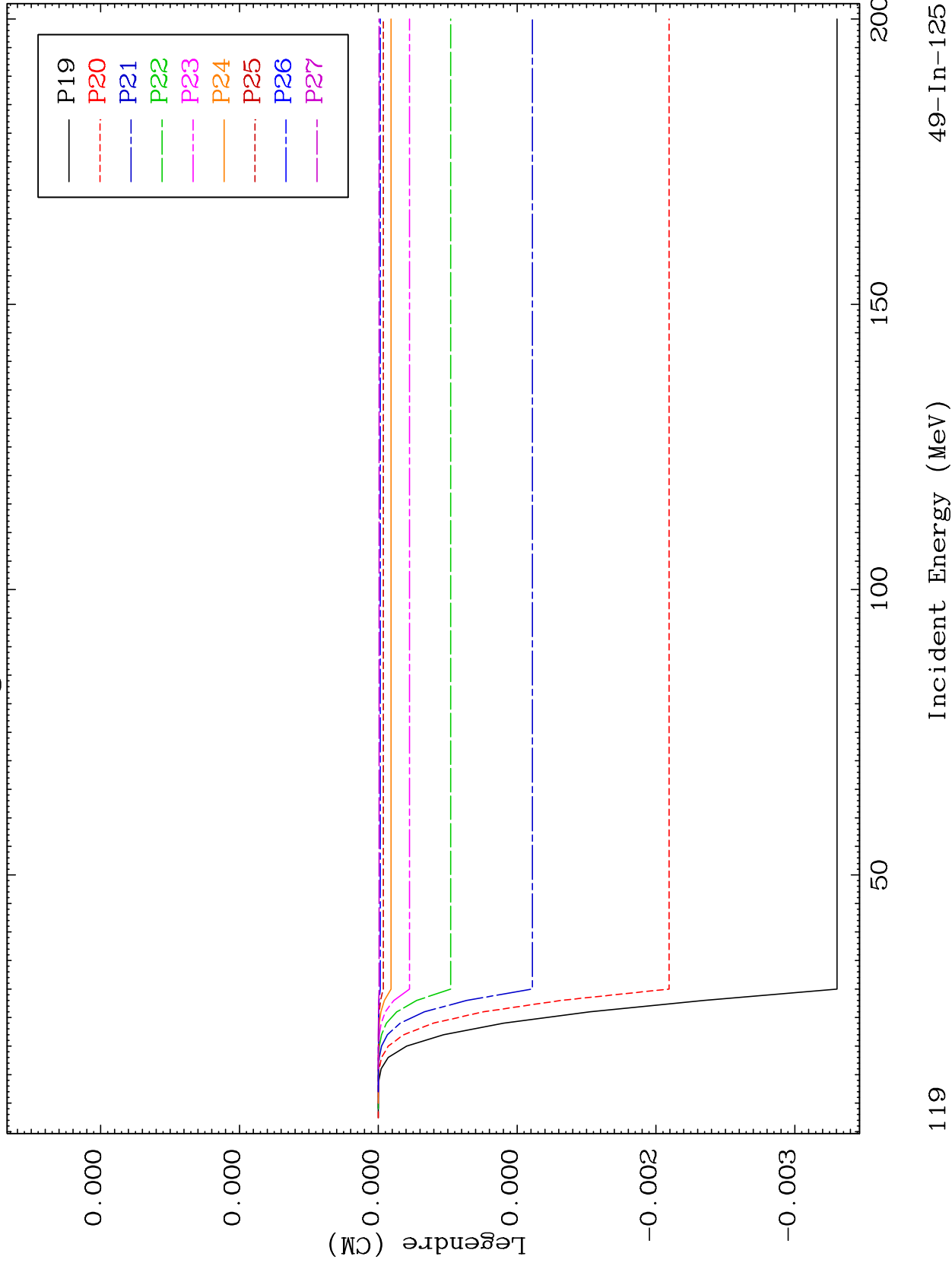
Incident Energy (MeV)

49-In-125

MAT 4961

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

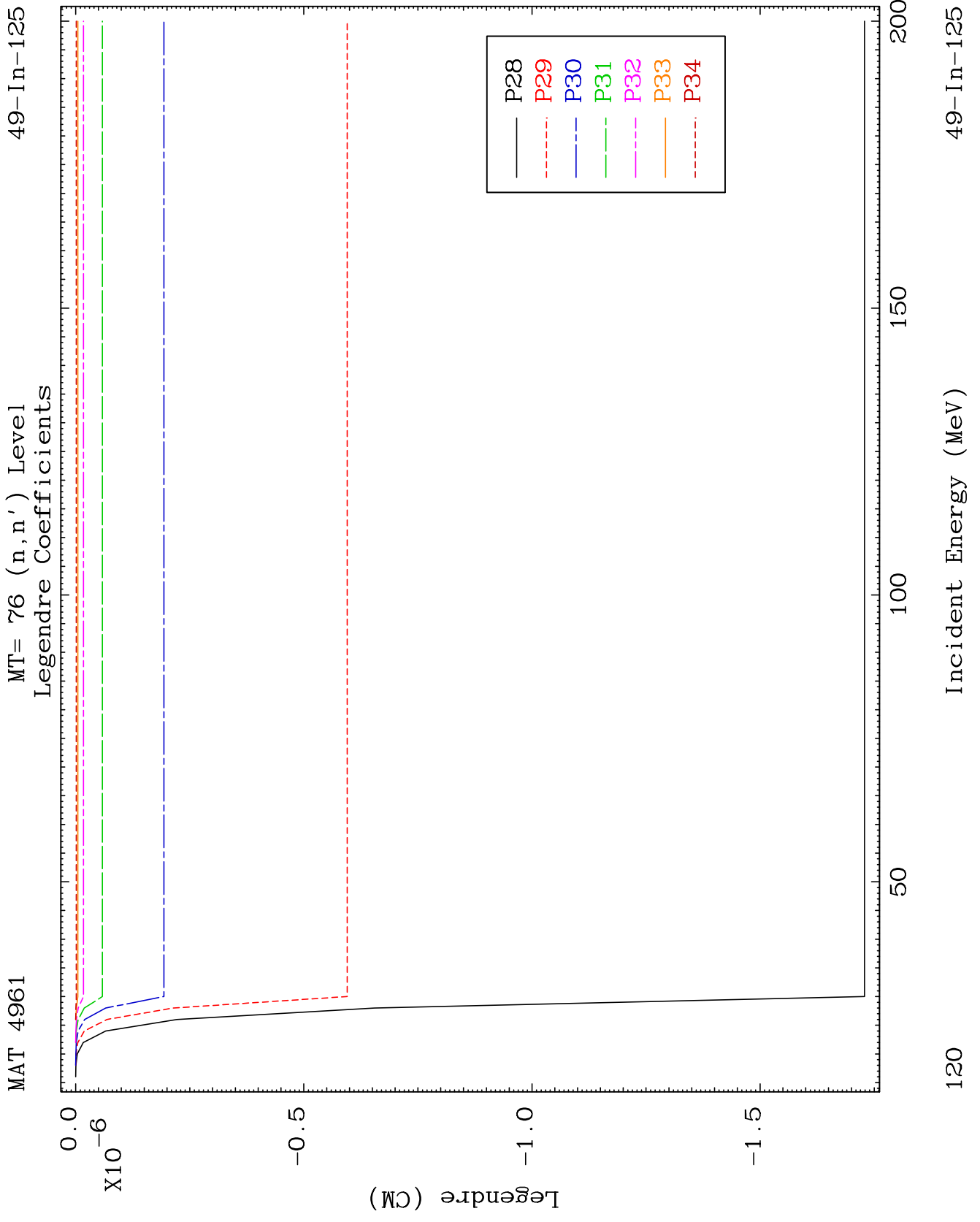
49-In-125



119

Incident Energy (MeV)

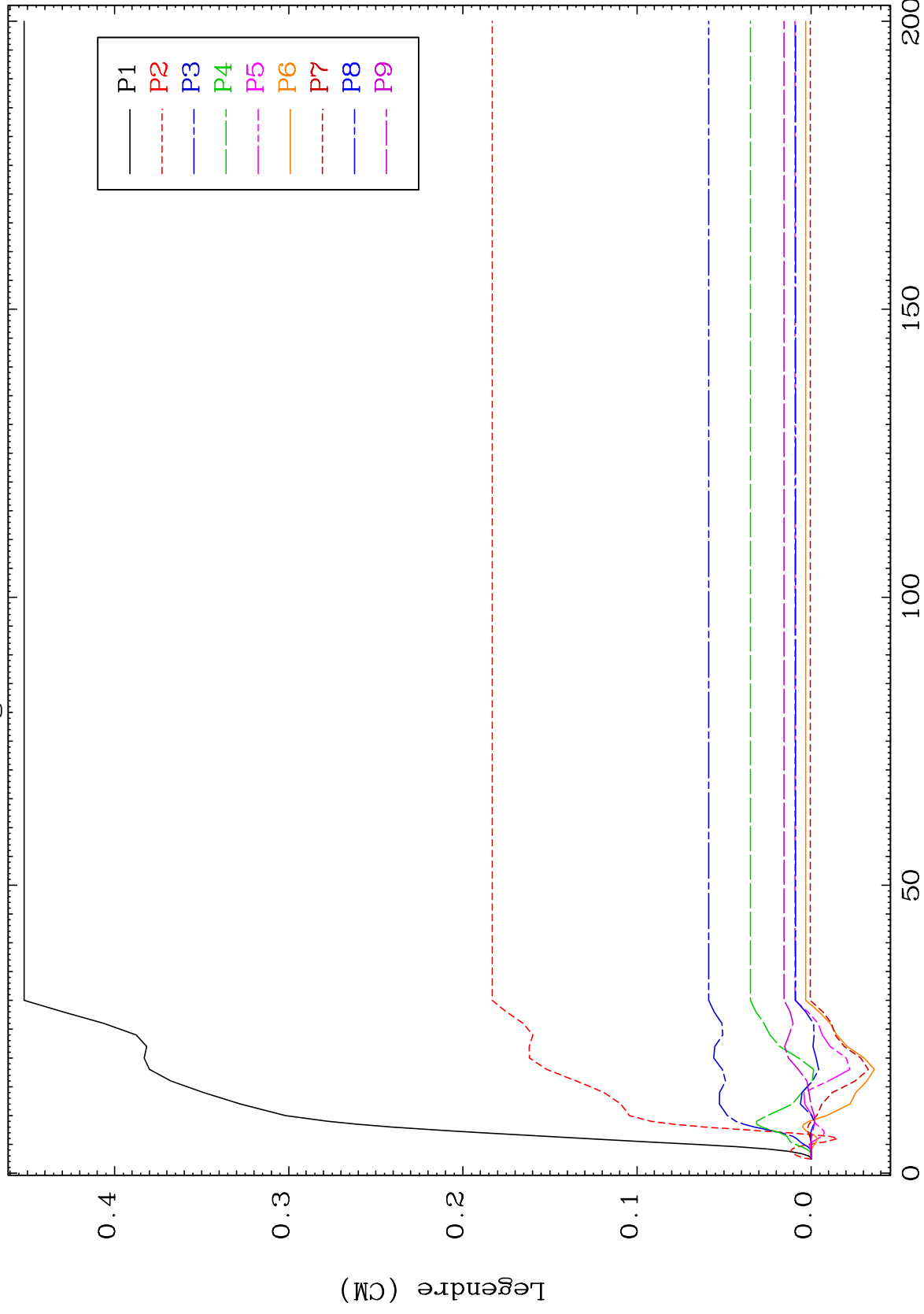
49-In-125



MAT 4961

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

49-In-125



121

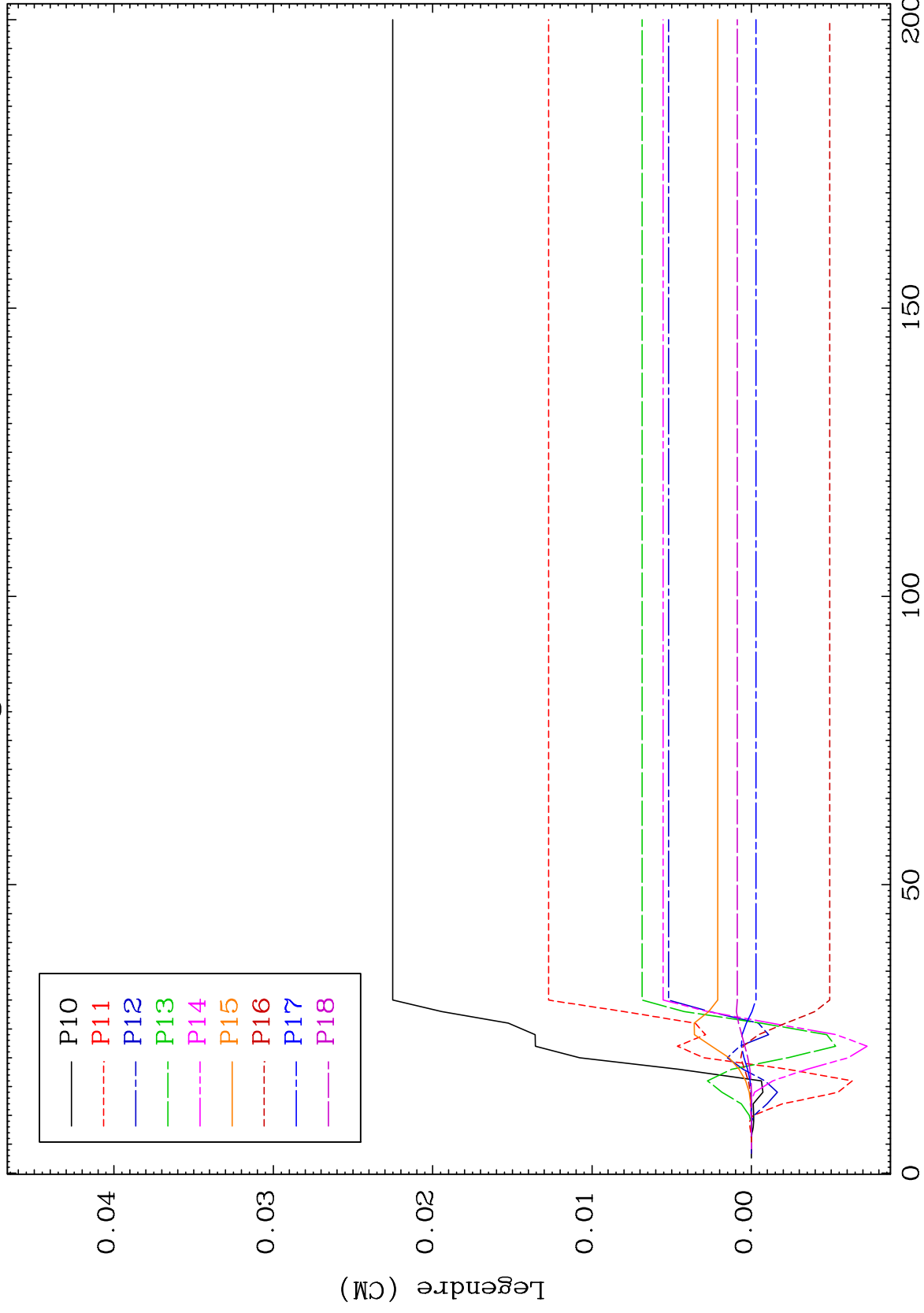
Incident Energy (MeV)

49-In-125

MAT 4961

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

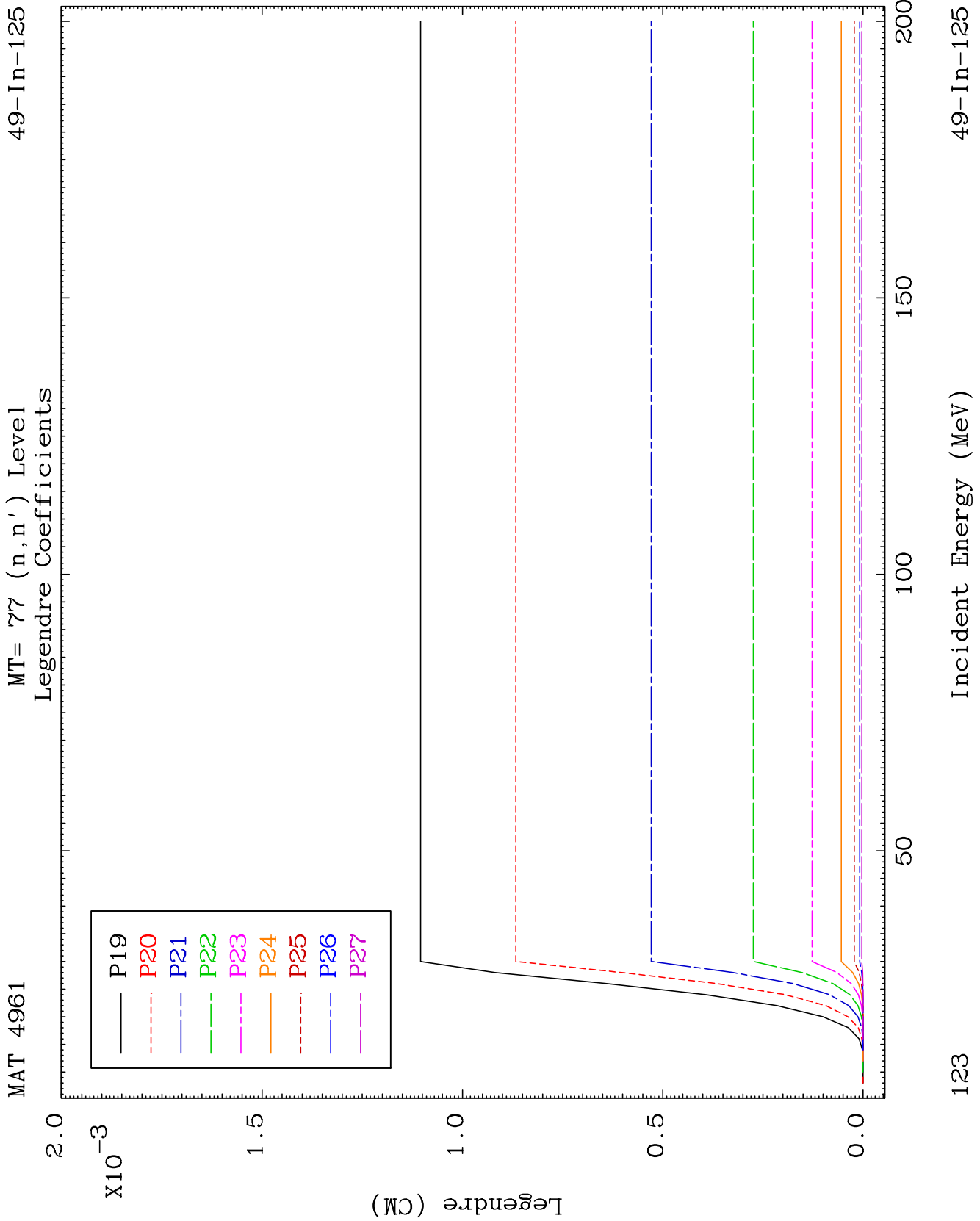
49-In-125

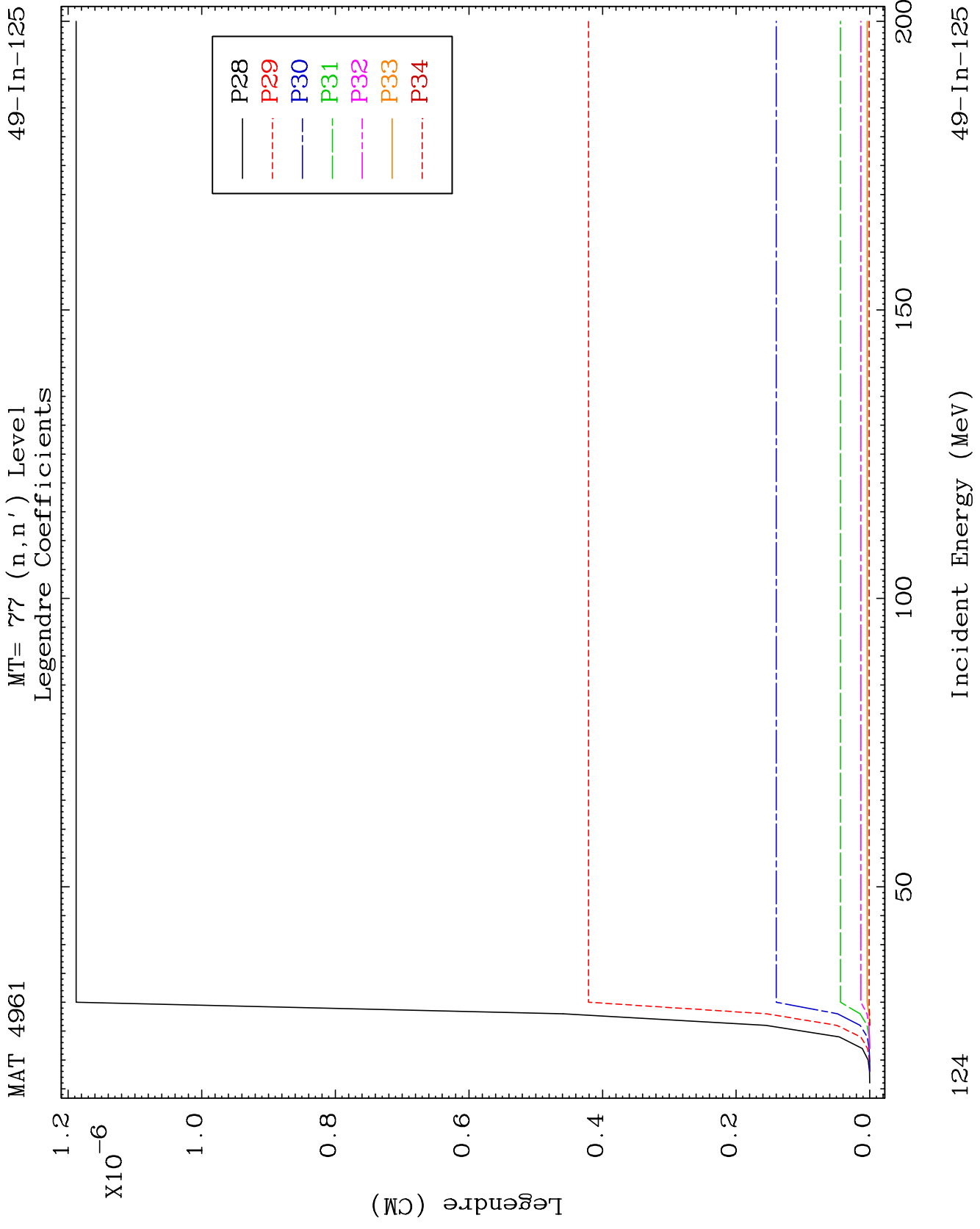


122

Incident Energy (MeV)

49-In-125

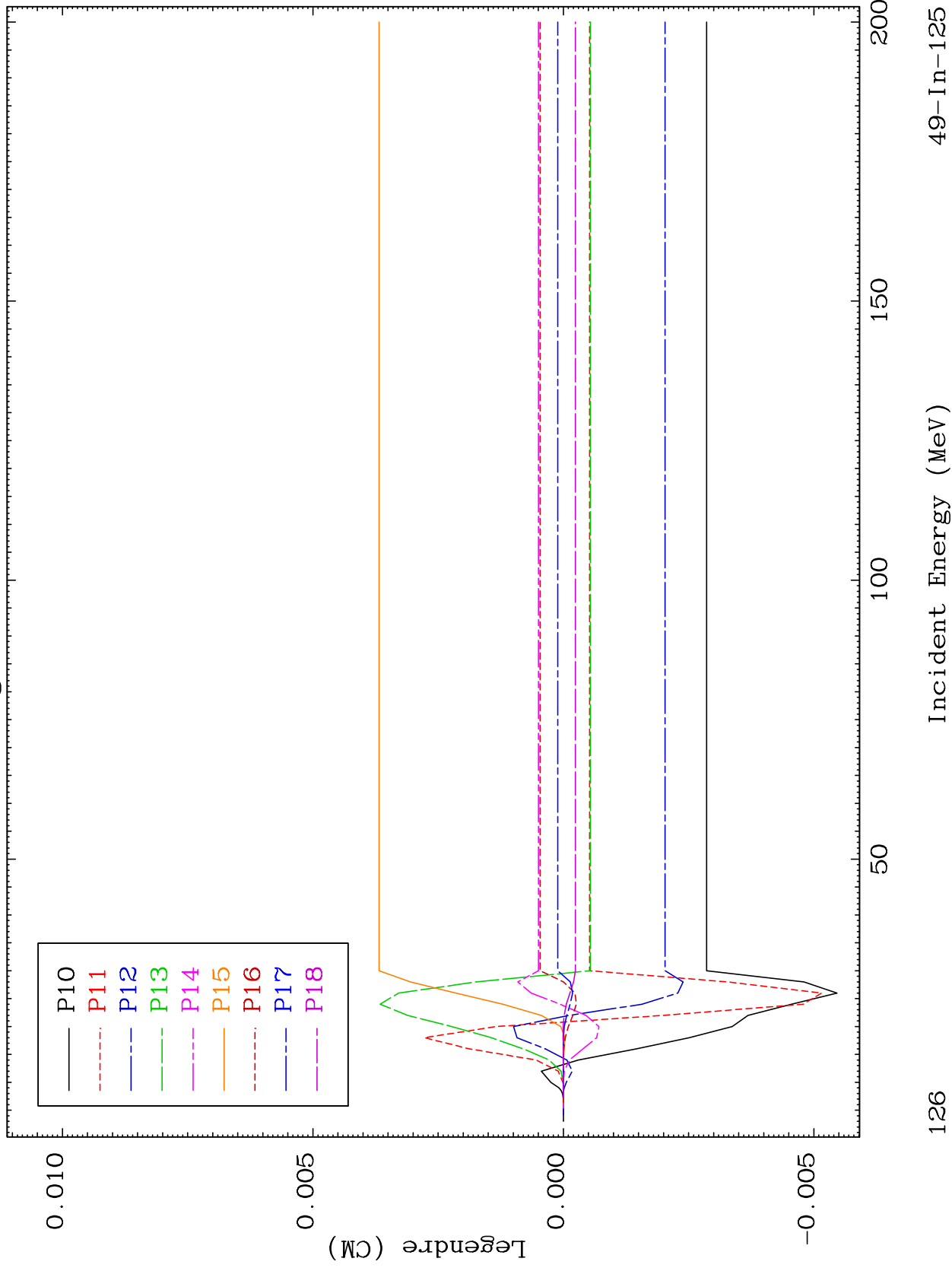




MAT 4961

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

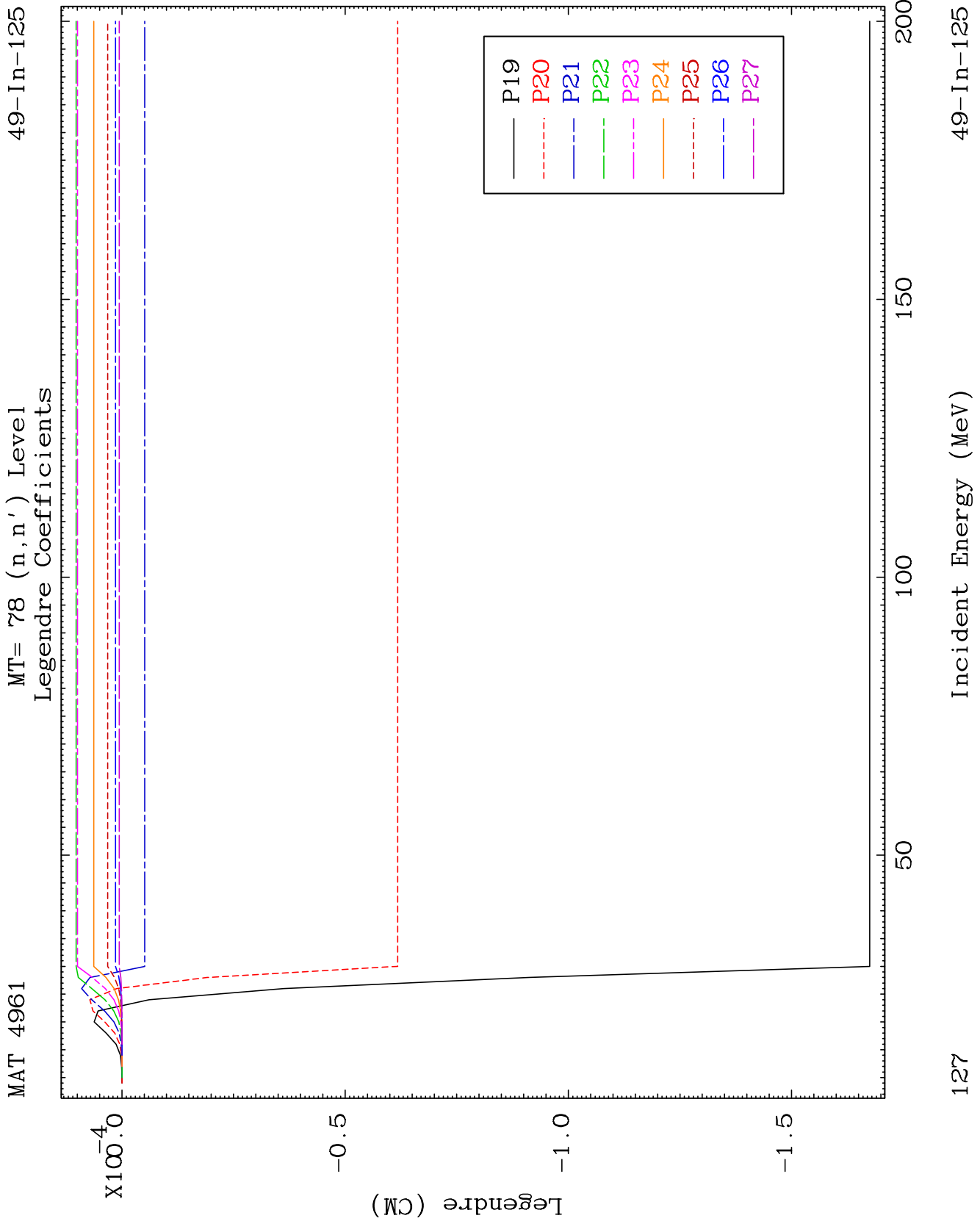
49-In-125



126

Incident Energy (MeV)

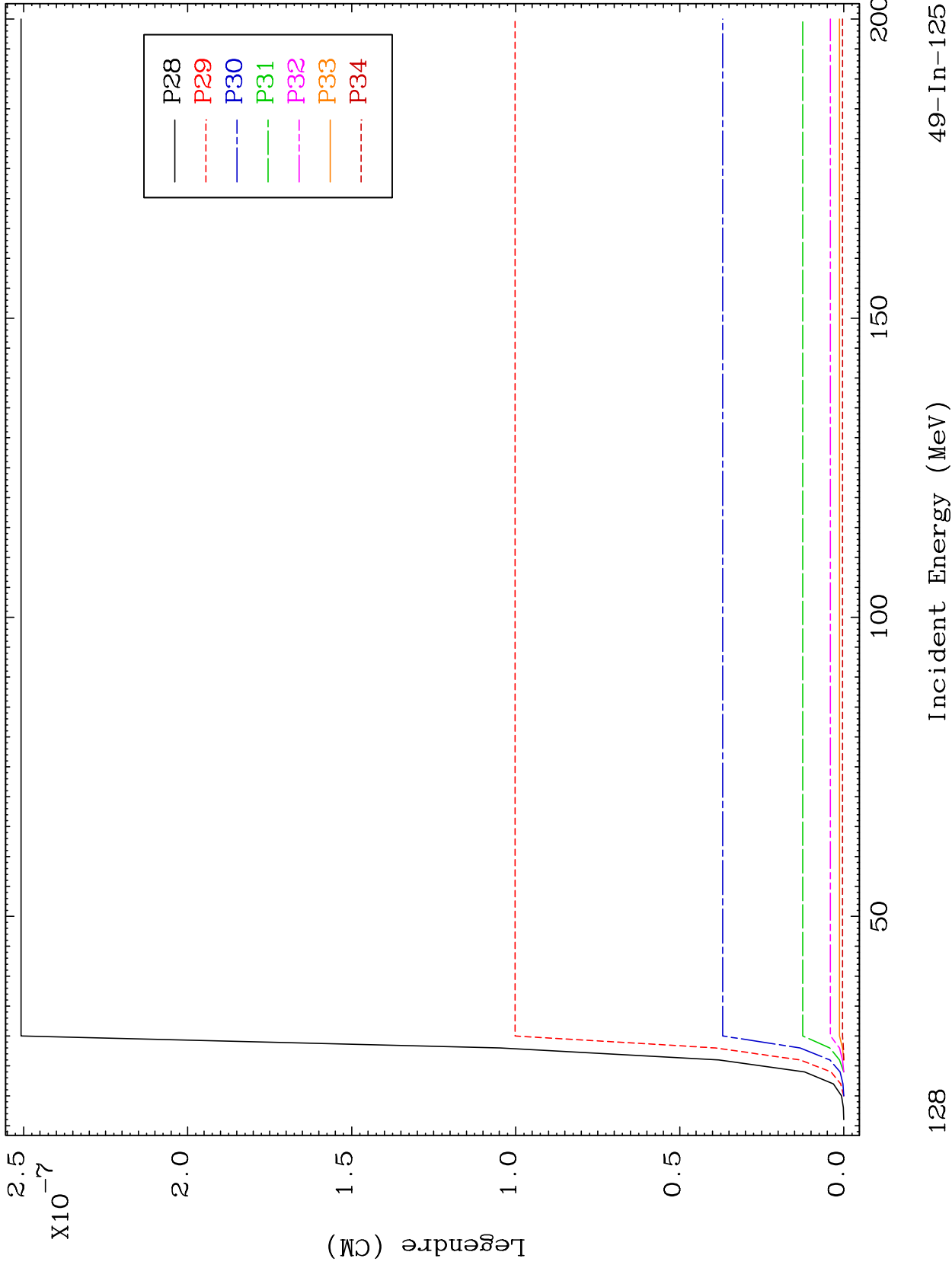
49-In-125



MAT 4961

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

49-In-125



128

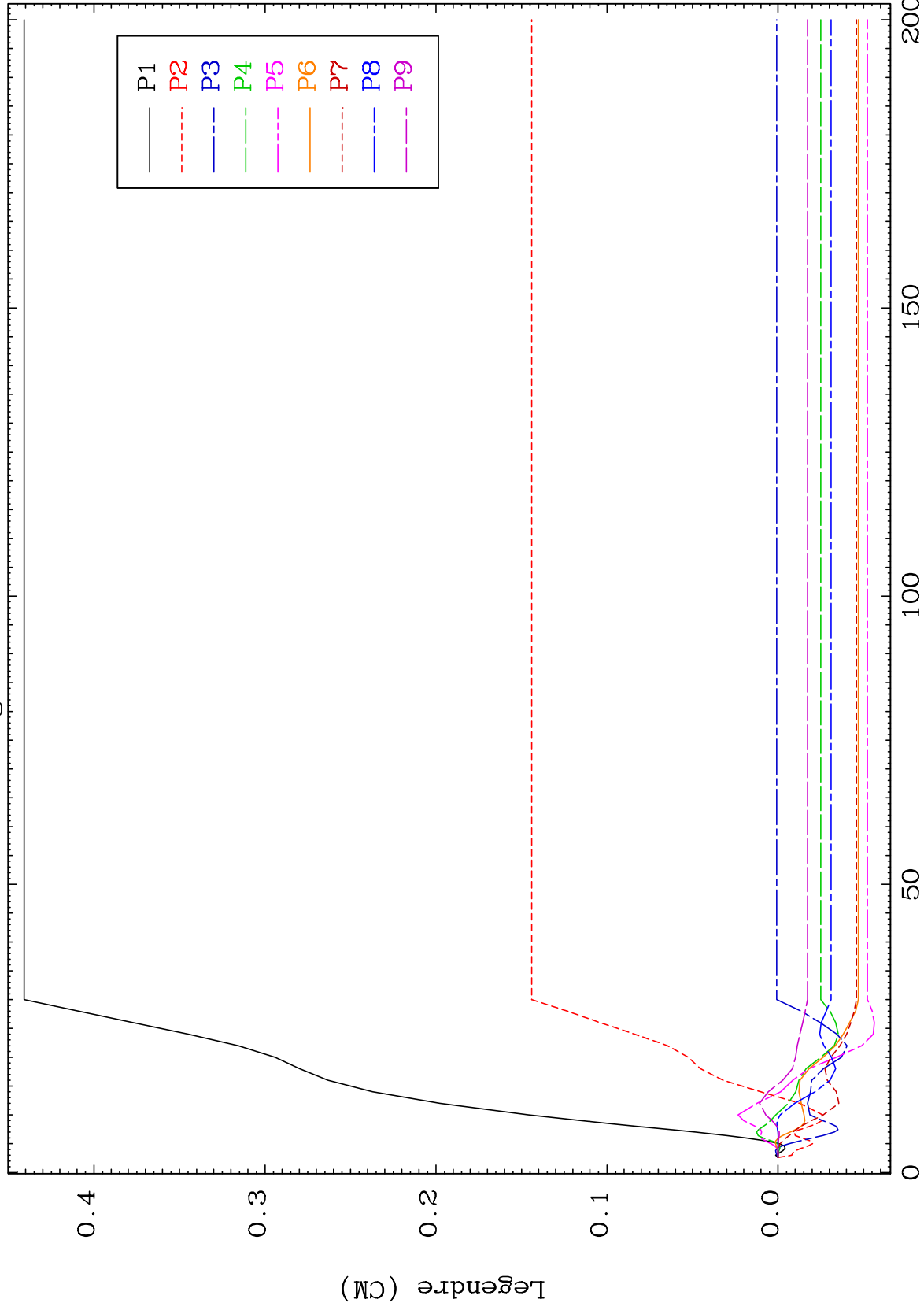
Incident Energy (MeV)

49-In-125

MAT 4961

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

49-In-125



129

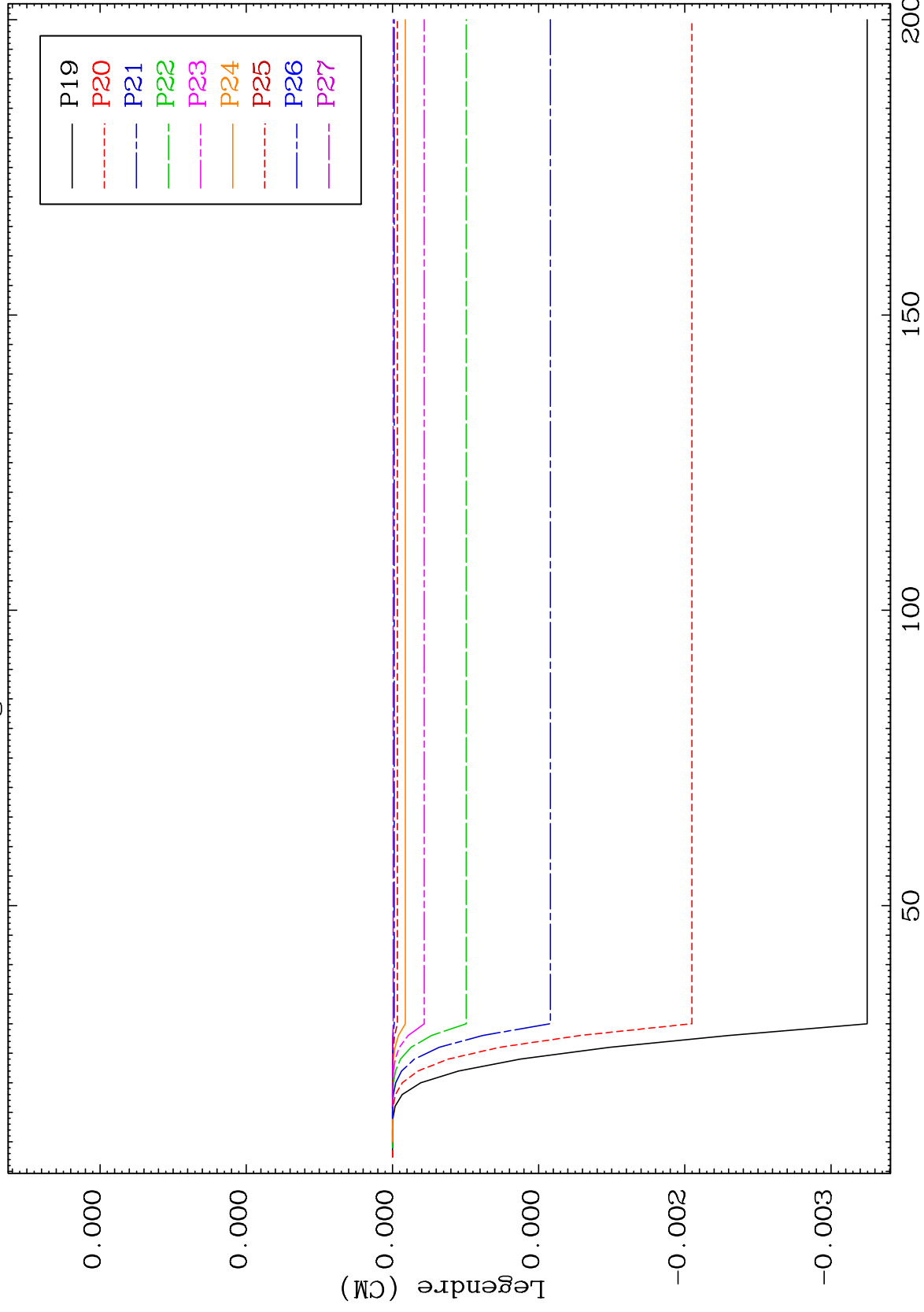
Incident Energy (MeV)

49-In-125

MAT 4961

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

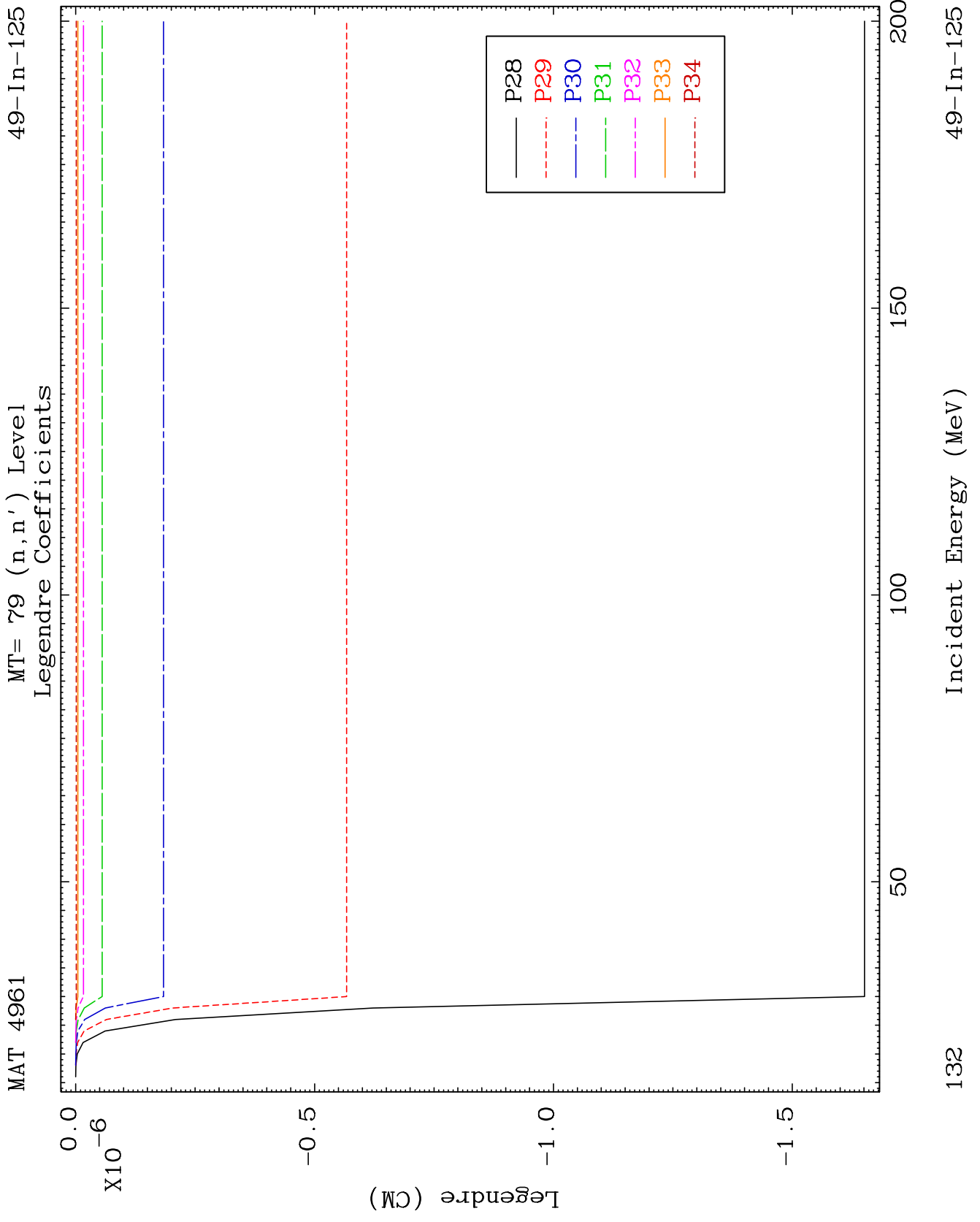
49-In-125



131

Incident Energy (MeV)

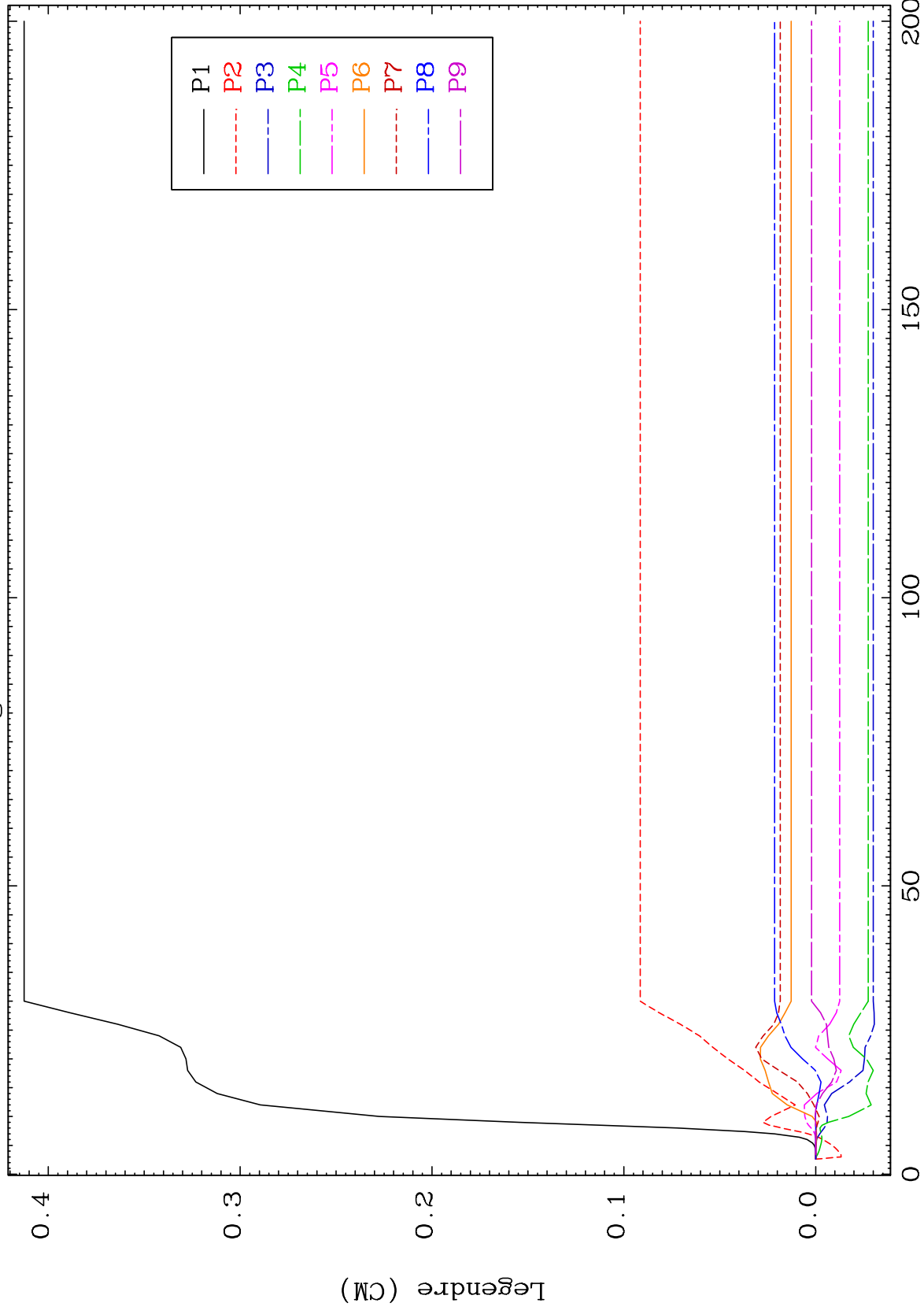
49-In-125



MAT 4961

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

49-In-125



133

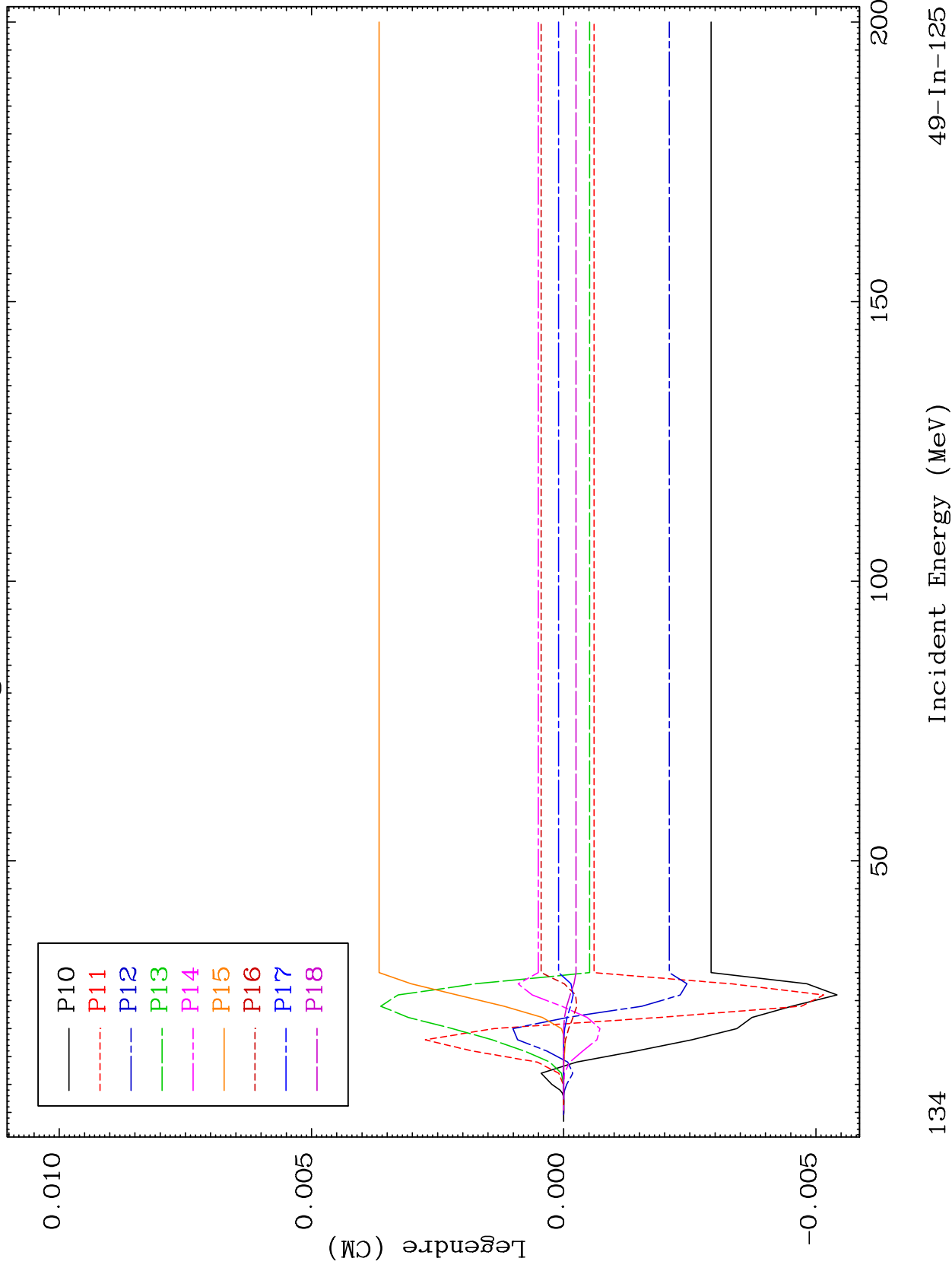
Incident Energy (MeV)

49-In-125

MAT 4961

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

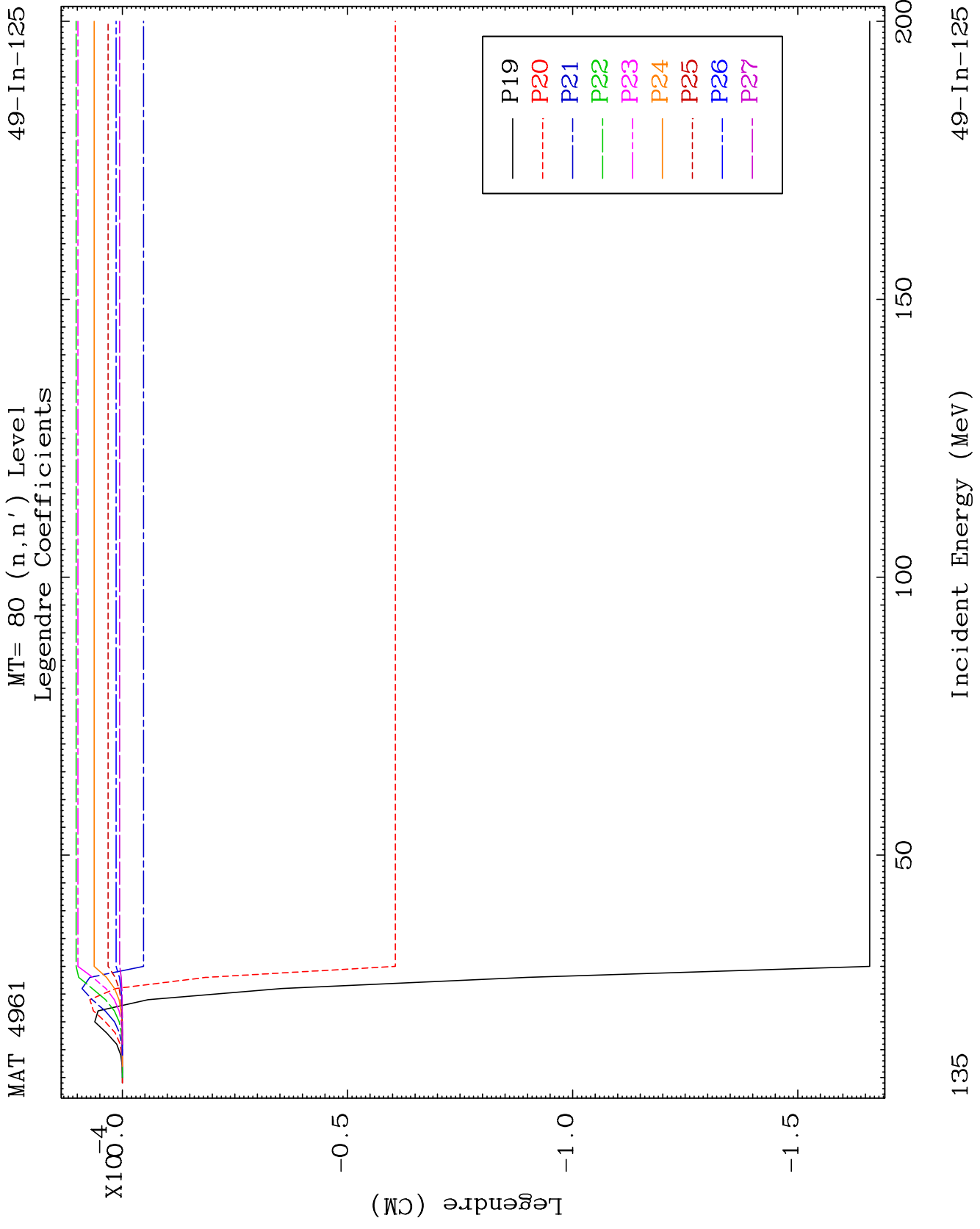
49-In-125

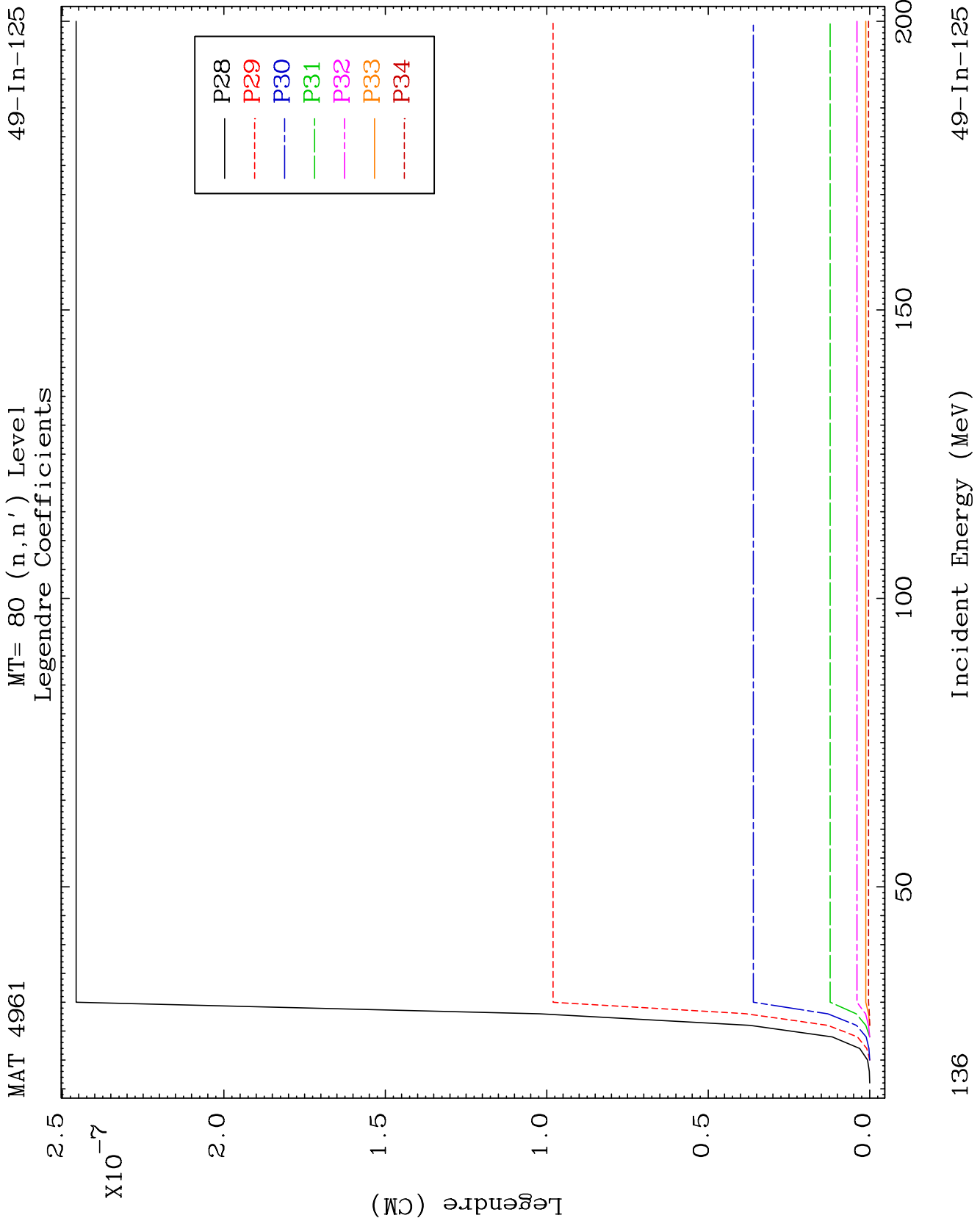


134

Incident Energy (MeV)

49-In-125

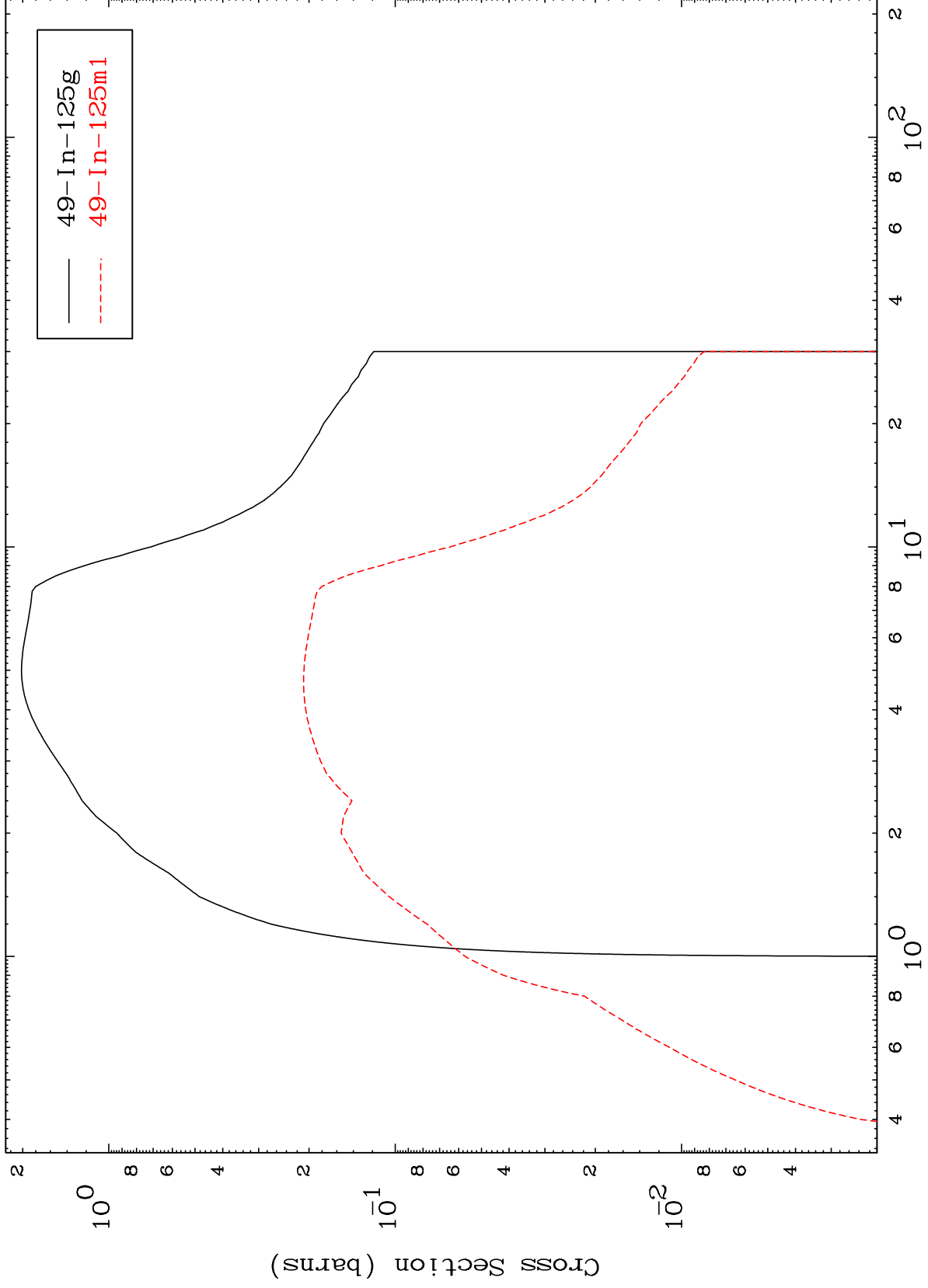




MAT 4961

49-In-125

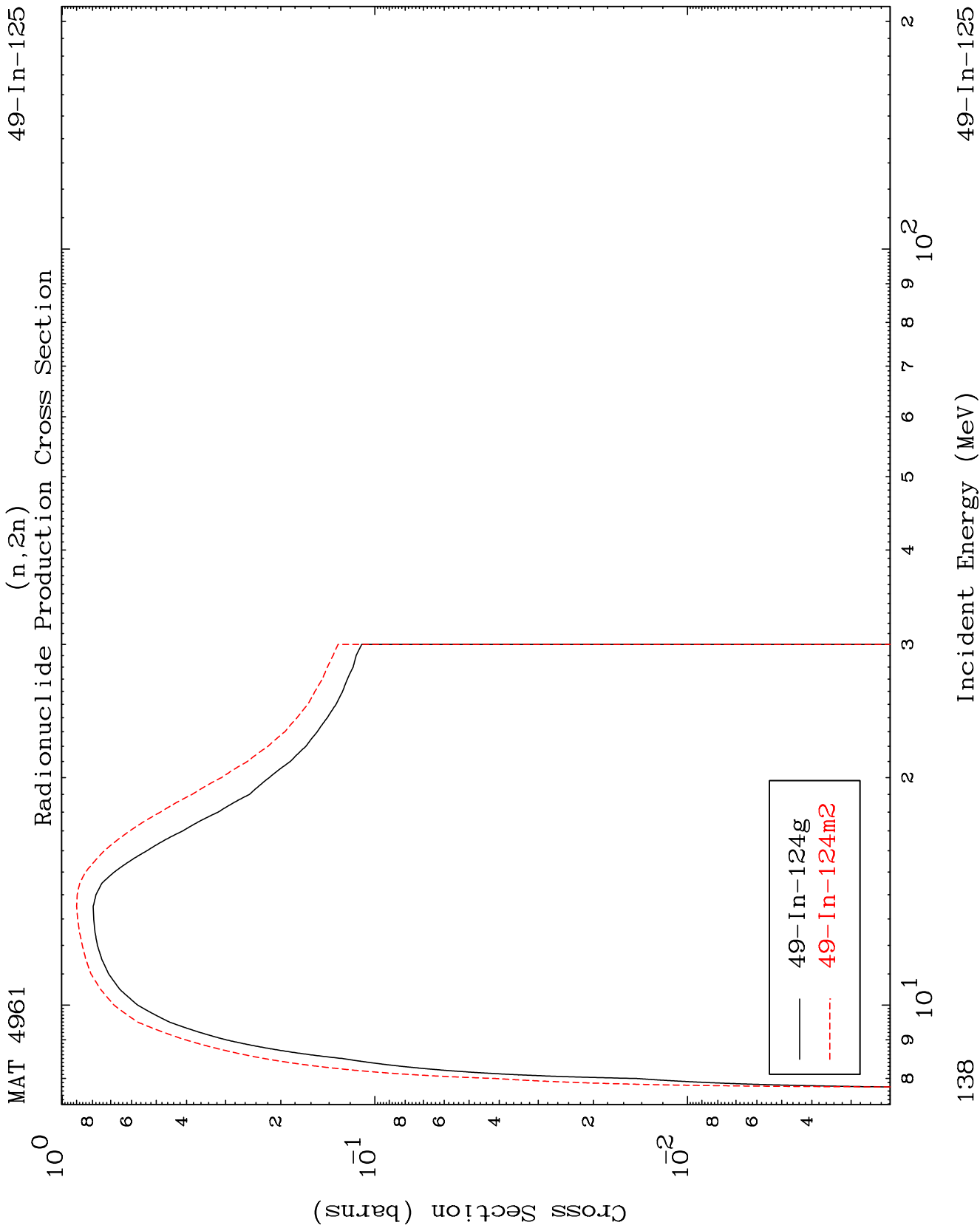
Inelastic
Radionuclide Production Cross Section



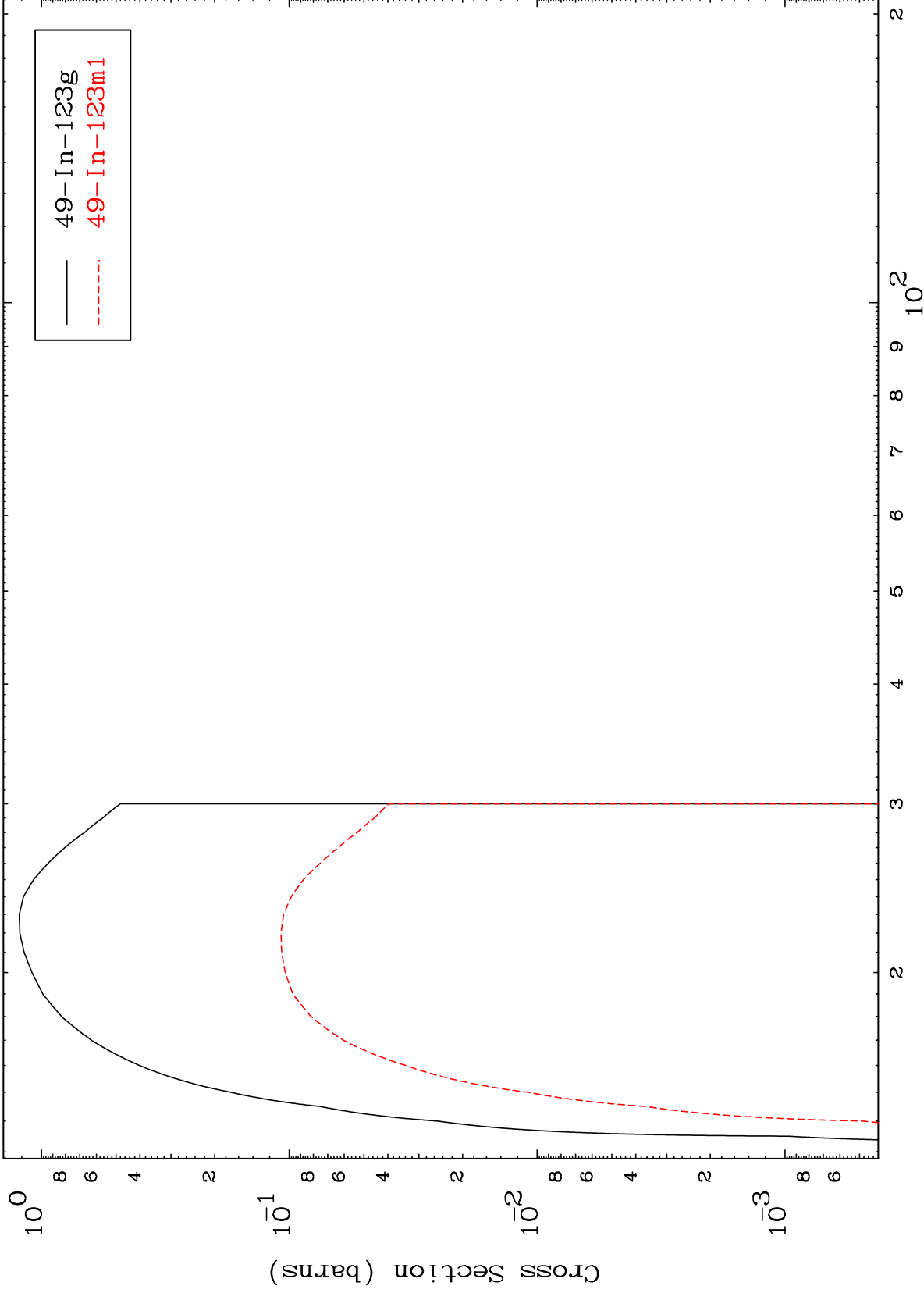
137

Incident Energy (MeV)

49-In-125



Radionuclide Production Cross Section

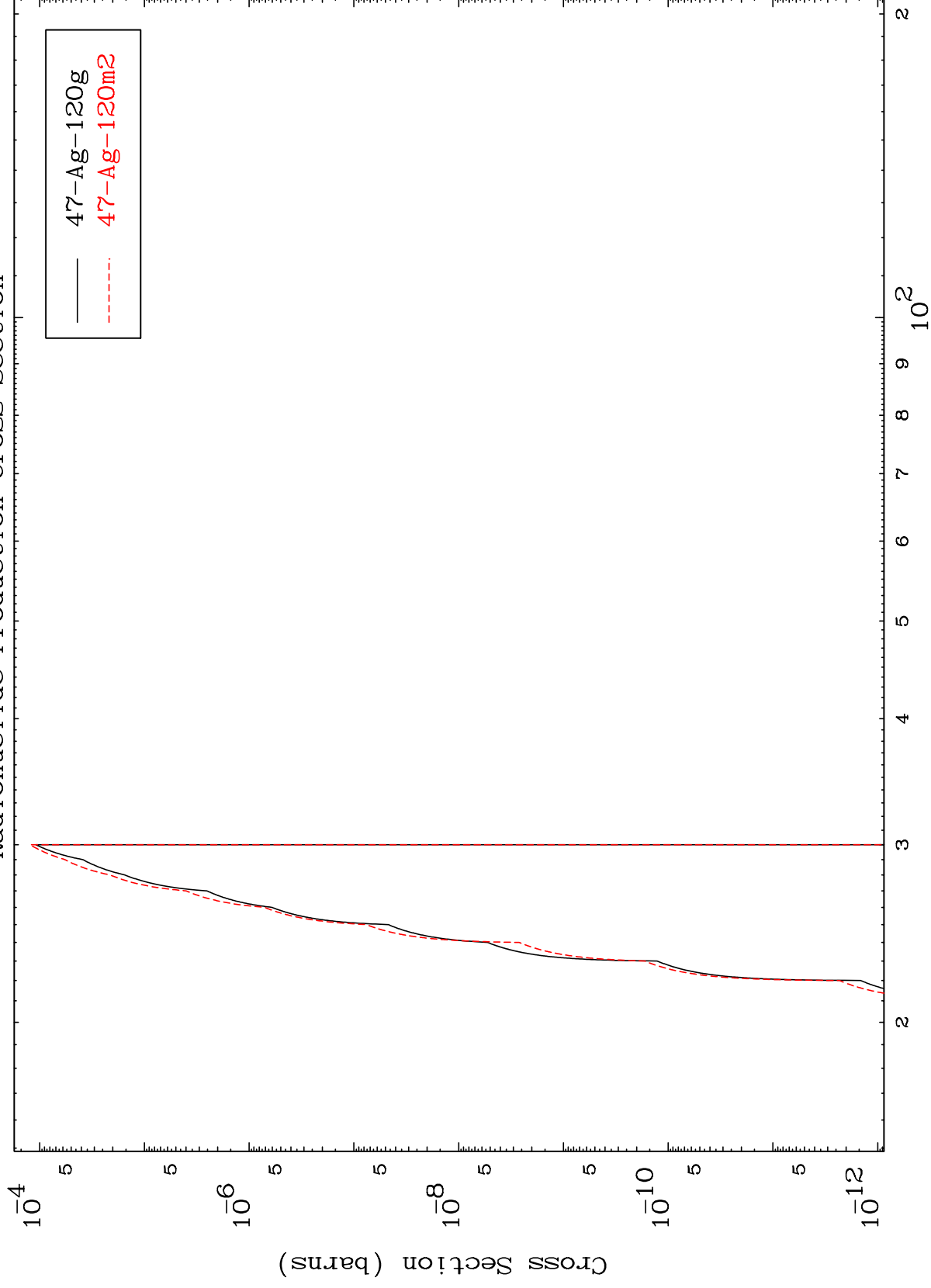


MAT 4961

(n,2n) α

49-In-125

Radionuclide Production Cross Section



140

Incident Energy (MeV)

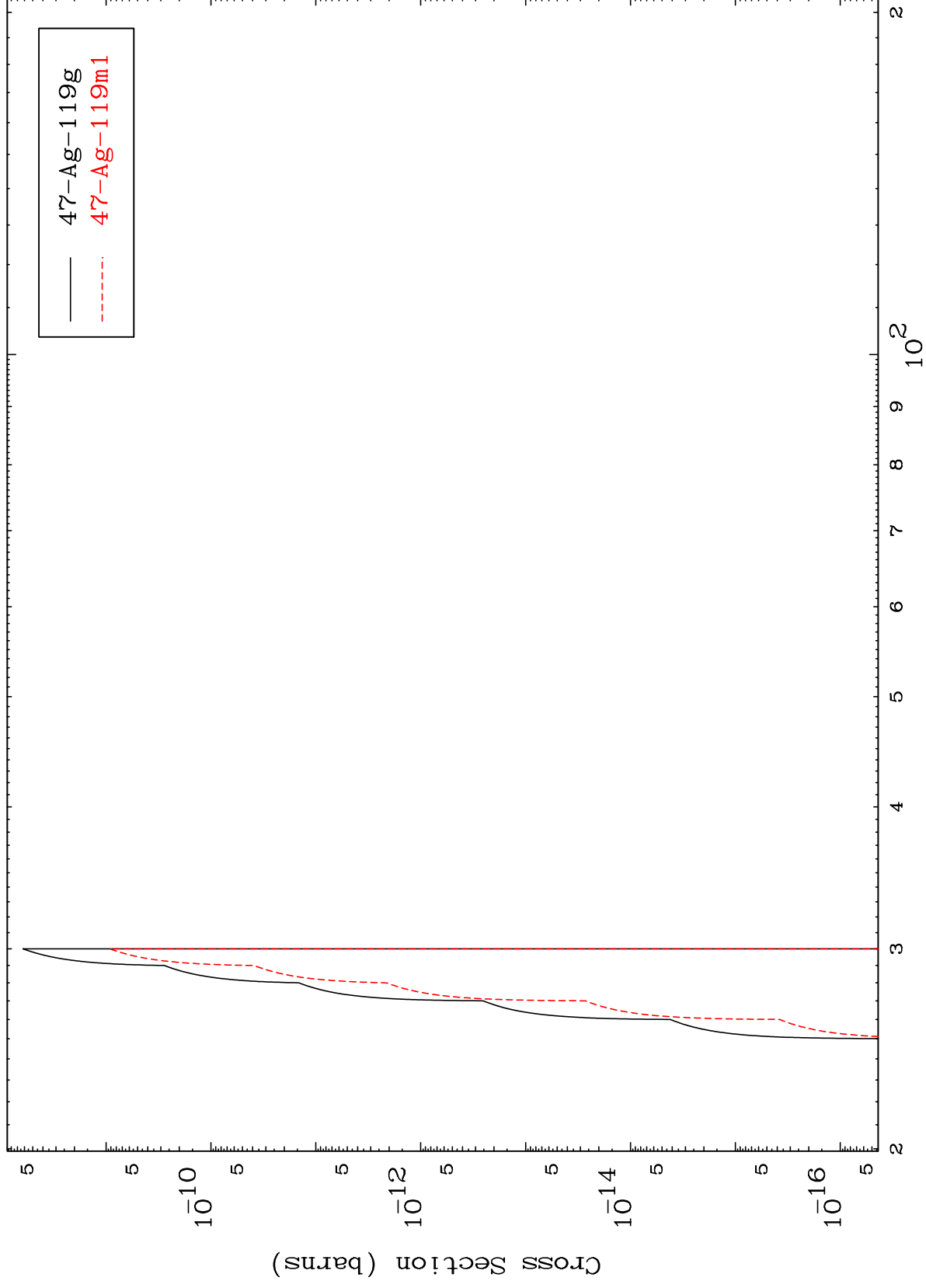
49-In-125

MAT 4961

(n,3n) α

49-In-125

Radionuclide Production Cross Section

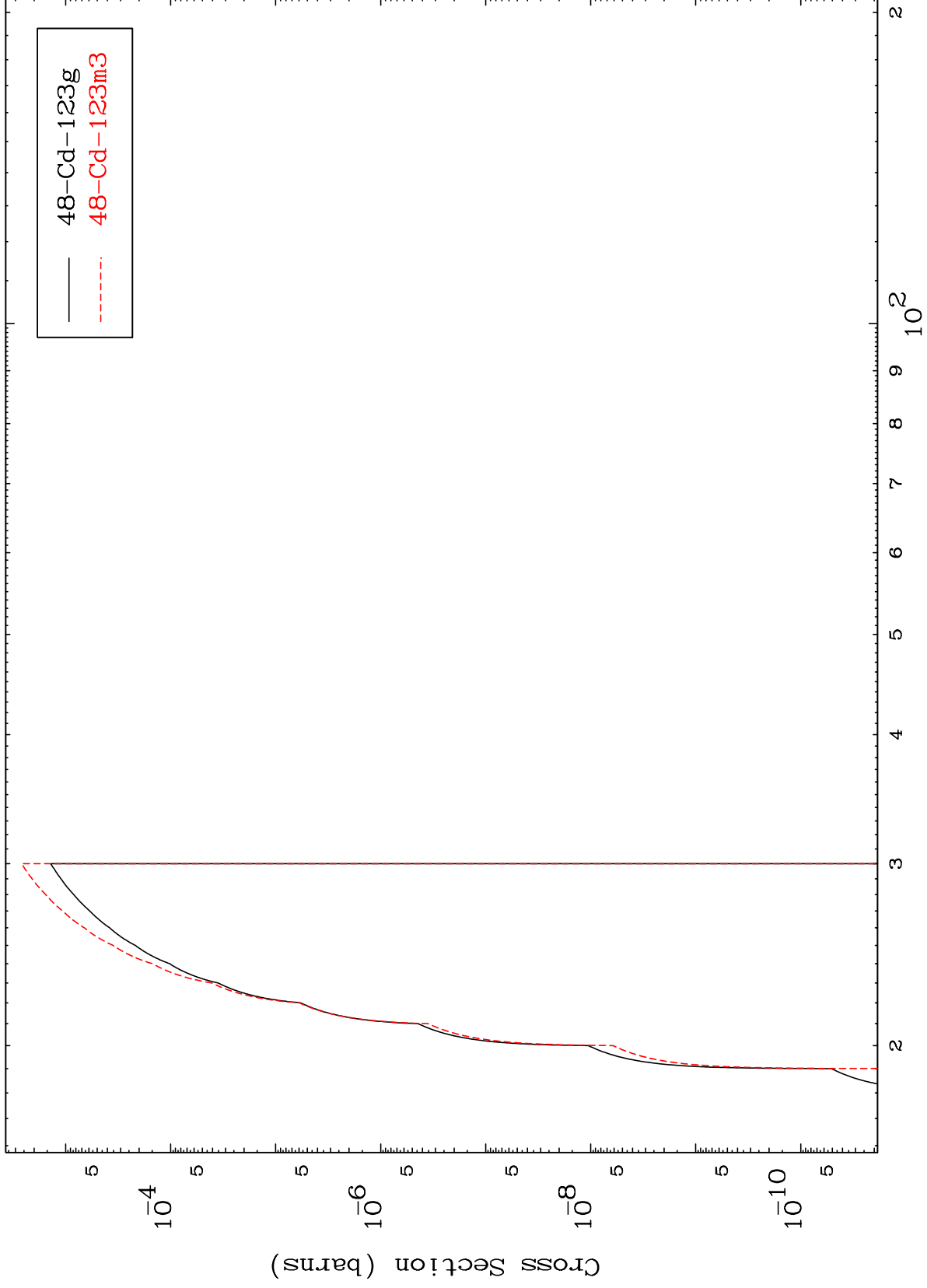


141

Incident Energy (MeV)

49-In-125

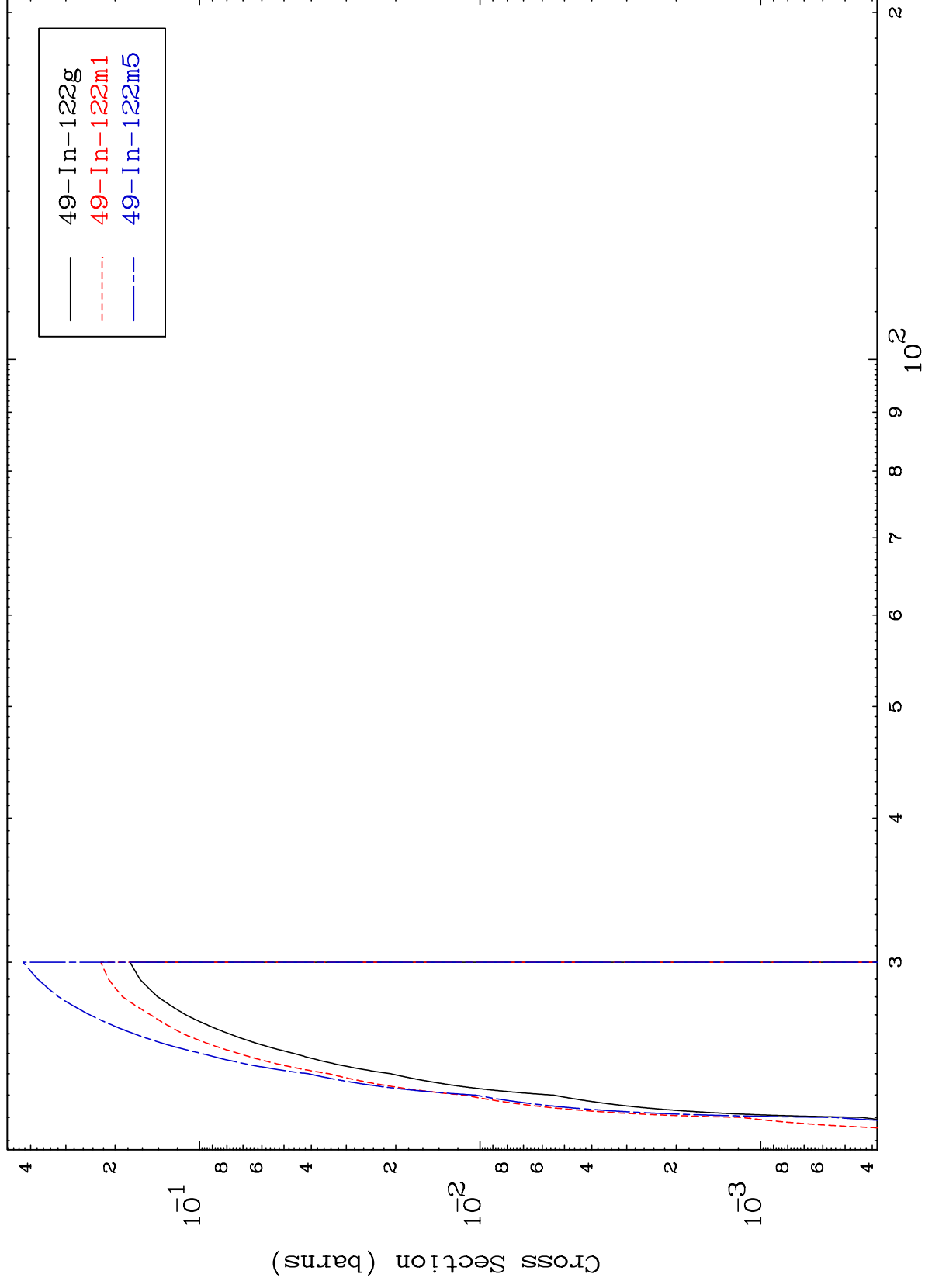
Radionuclide Production Cross Section



MAT 4961

49-In-125

(n,4n)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

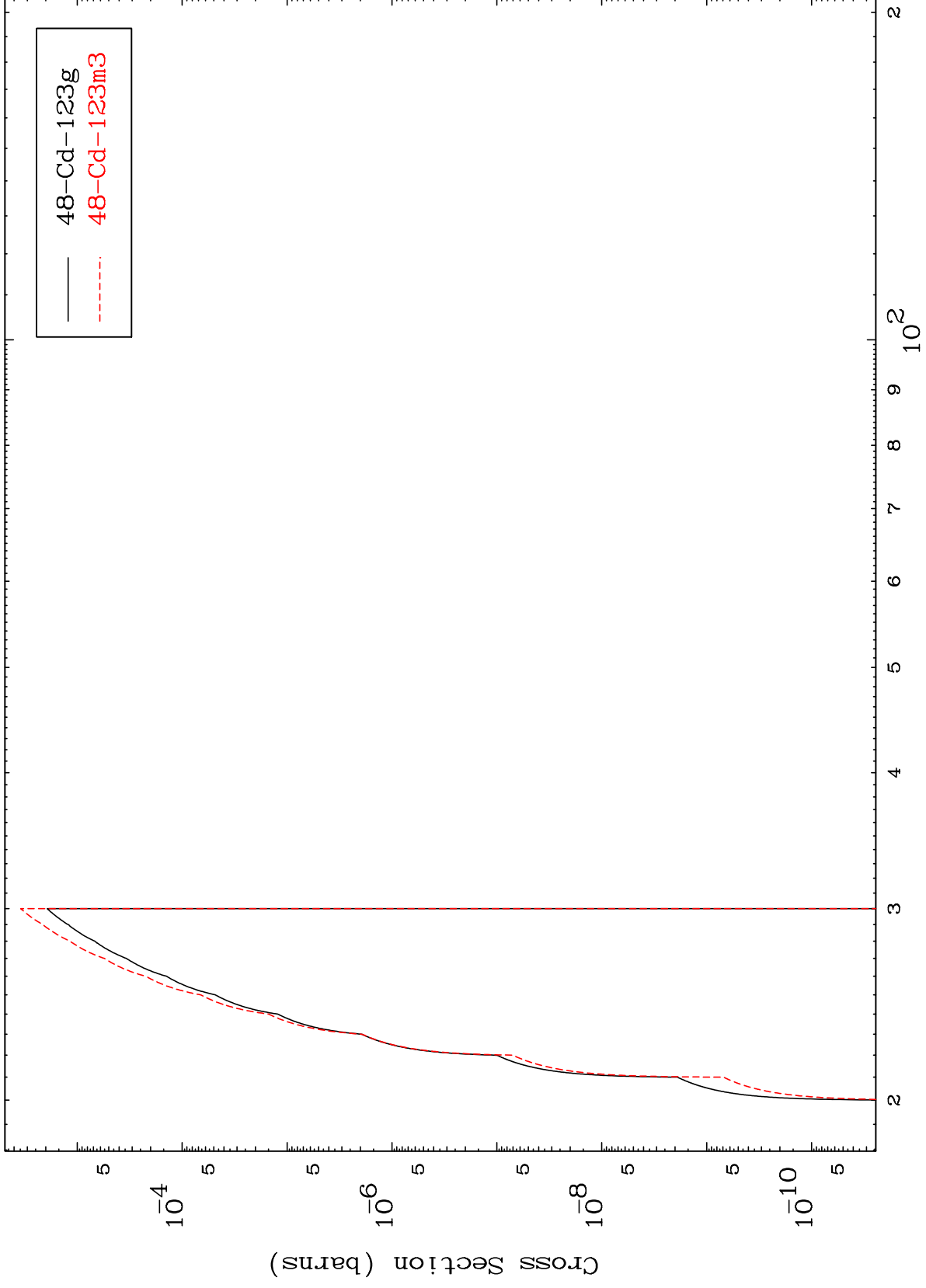
49-In-125

MAT 4961

(n,2n) p

49-In-125

Radionuclide Production Cross Section



144

Incident Energy (MeV)

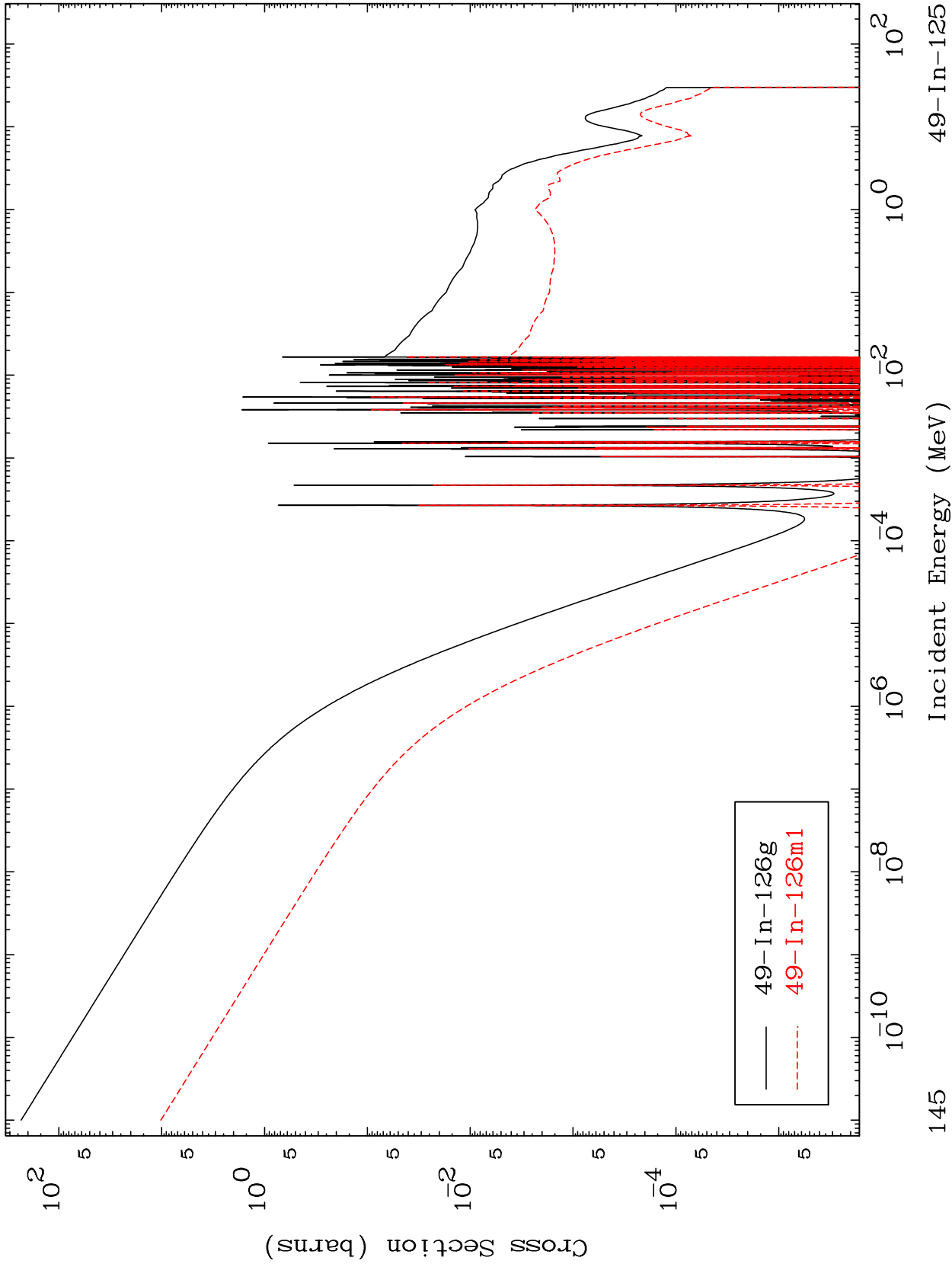
49-In-125

MAT 4961

(n,γ)

49-In-125

Radionuclide Production Cross Section



145

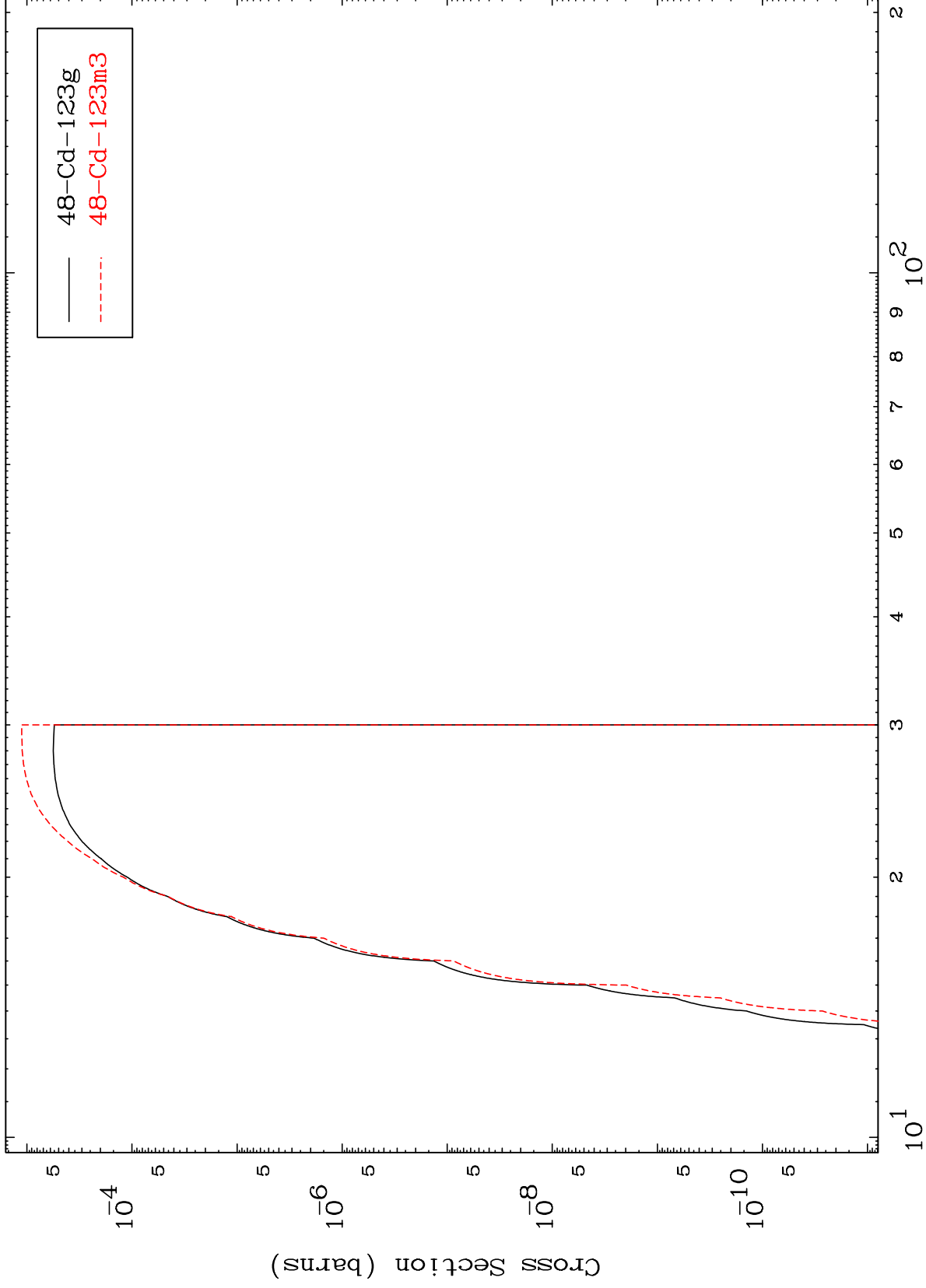
49-In-125

MAT 4961

(n,t)

49-In-125

Radionuclide Production Cross Section



146

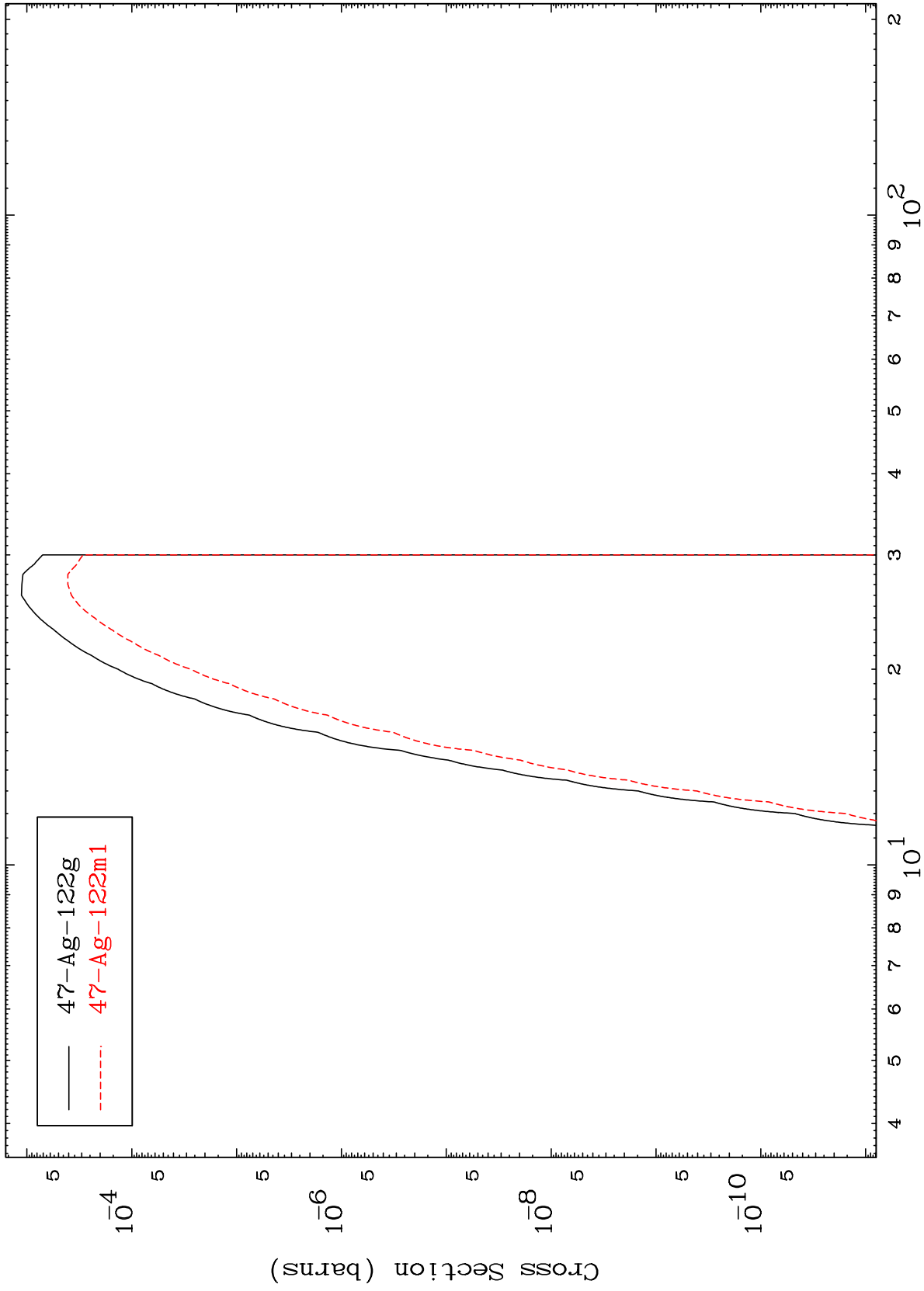
Incident Energy (MeV)

49-In-125

MAT 4961

49-In-125

Radionuclide Production Cross Section
(n, α)



147

Incident Energy (MeV)

49-In-125