

Program EVALPLOT
(Version 2015-2)

by

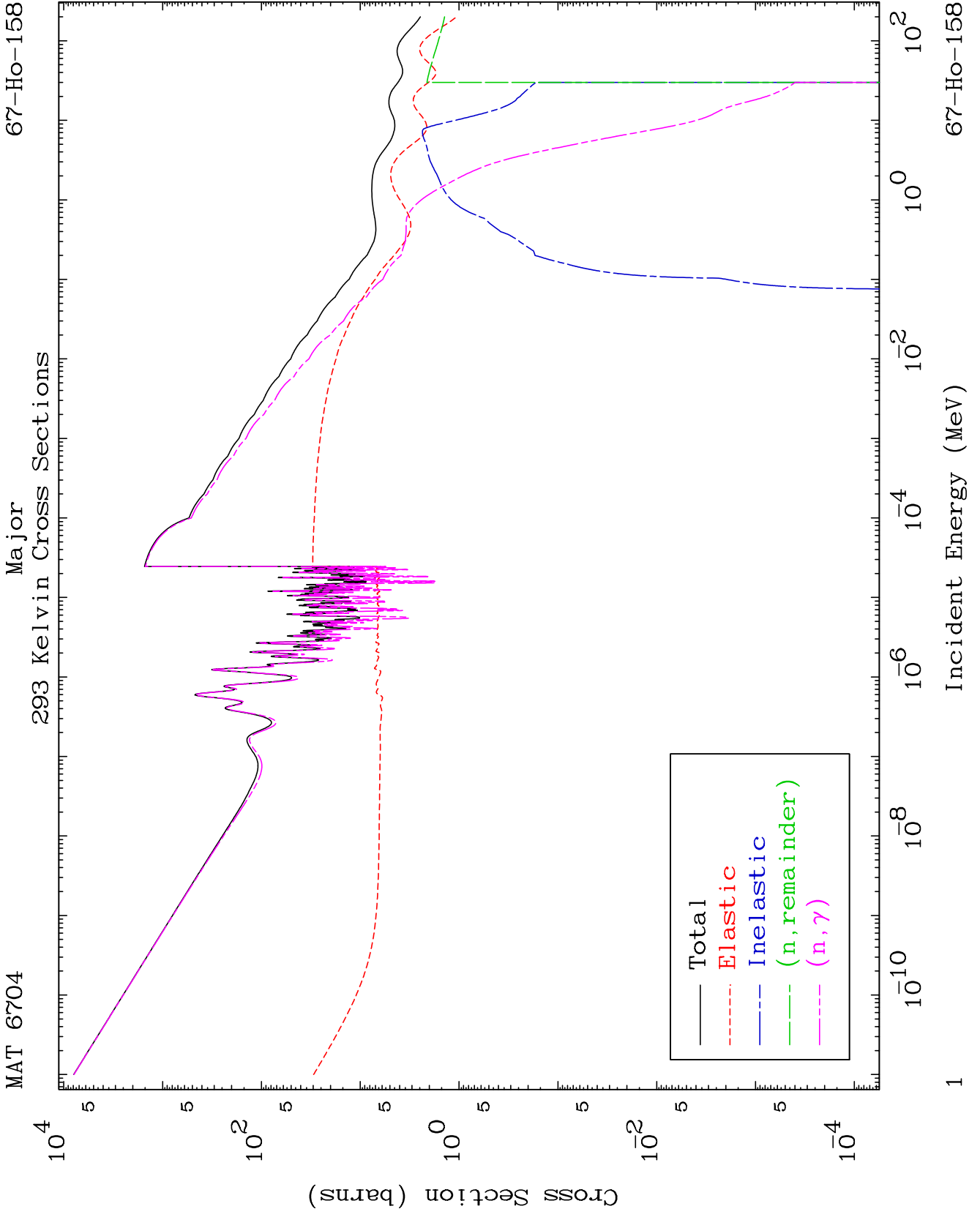
Dermott E. Cullen
(Present Contact Information)

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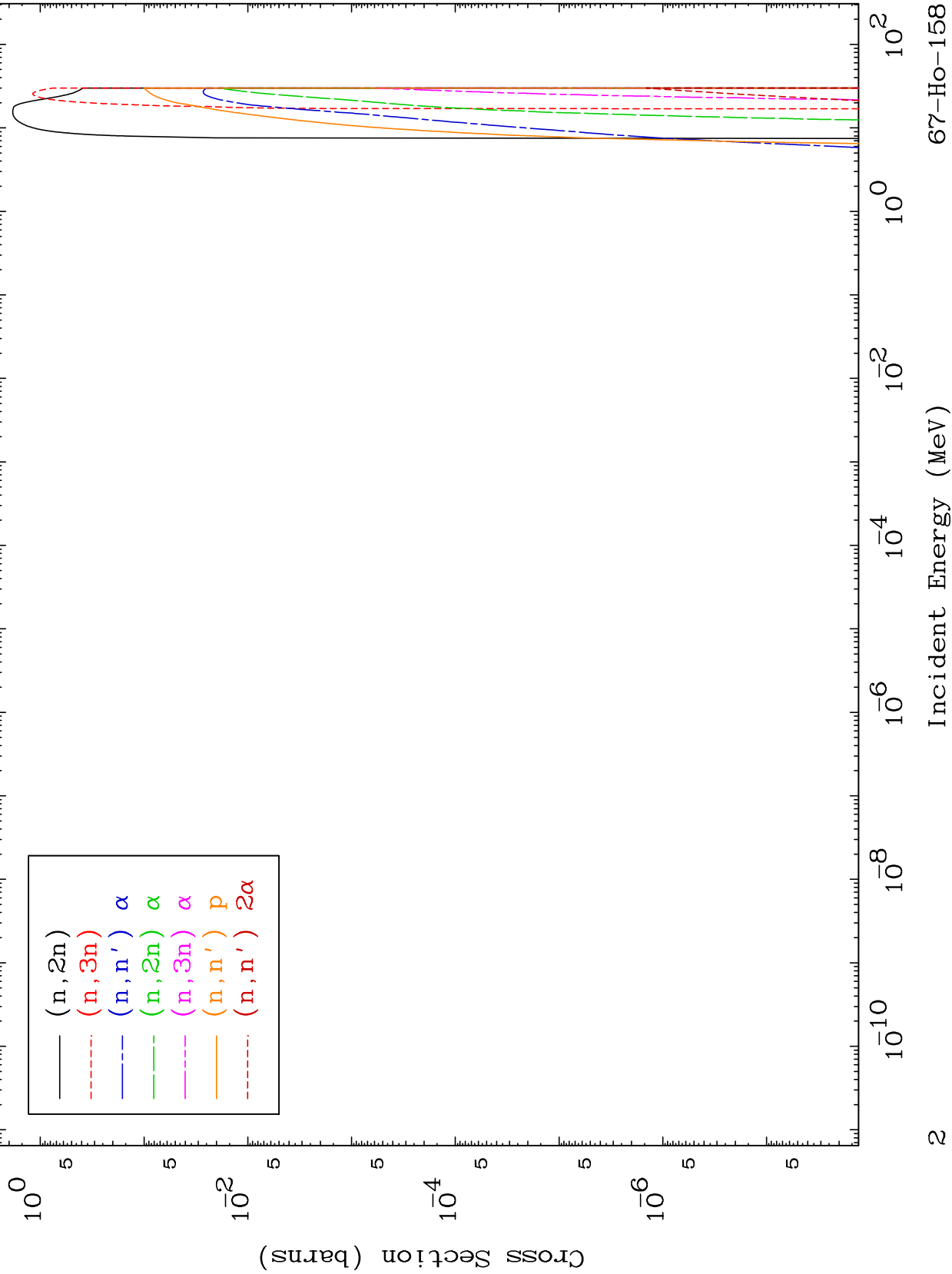
Press Mouse Button to Start

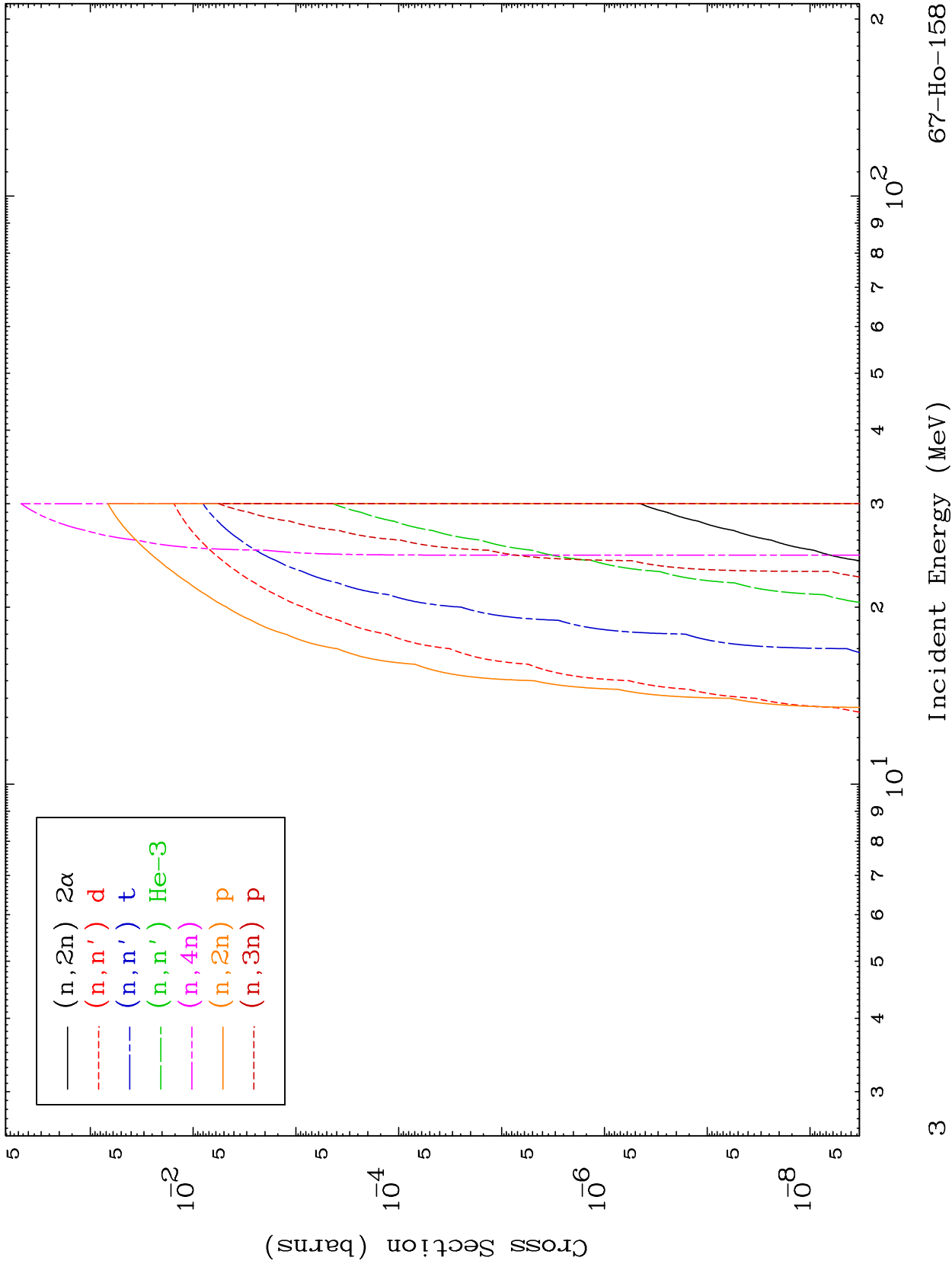


MAT 6704

Neutron Production
293 Kelvin Cross Sections

67-Ho-158

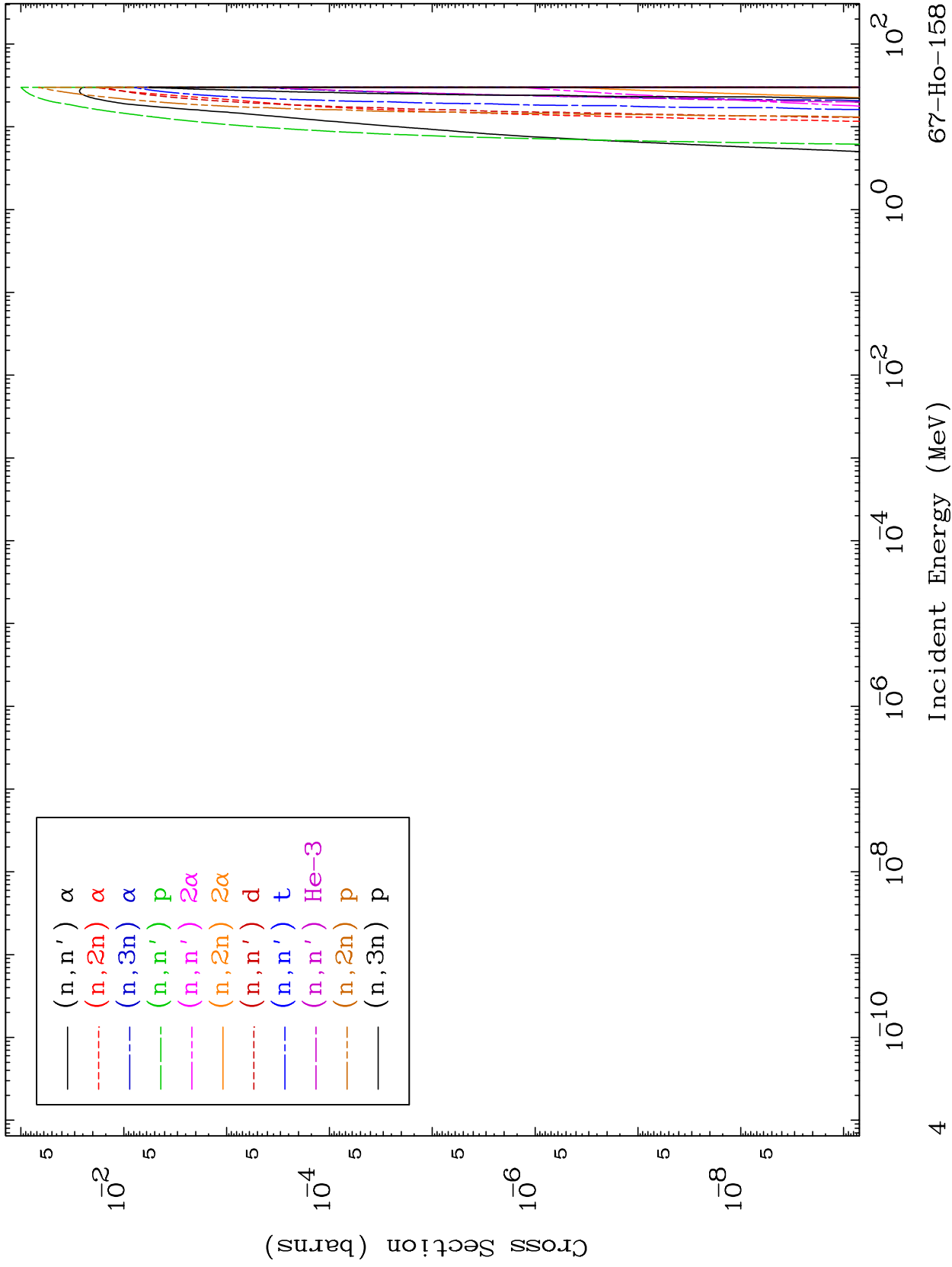




MAT 6704

Charged Particle
293 Kelvin Cross Sections

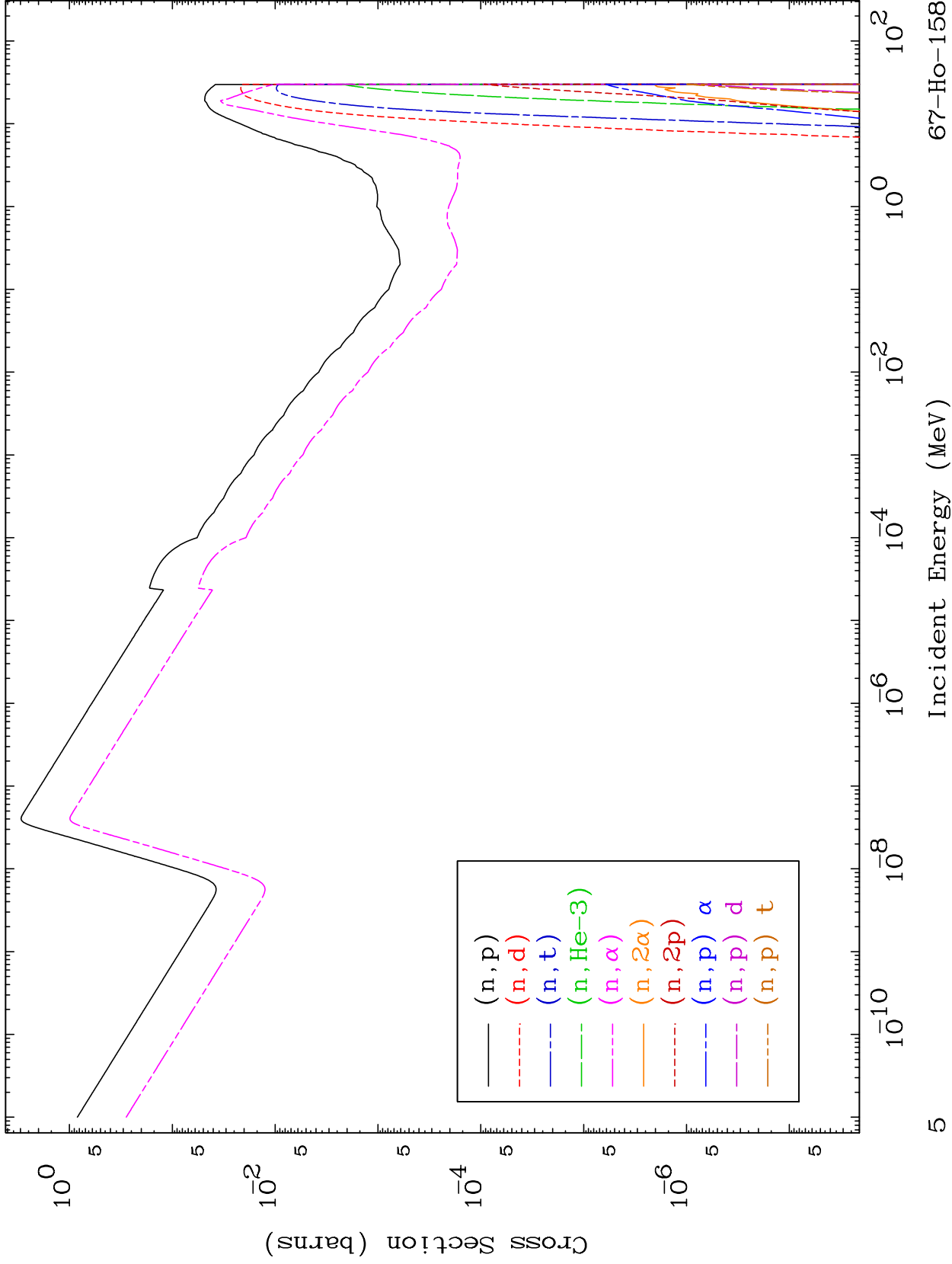
67-Ho-158



MAT 6704

Charged Particle
293 Kelvin Cross Sections

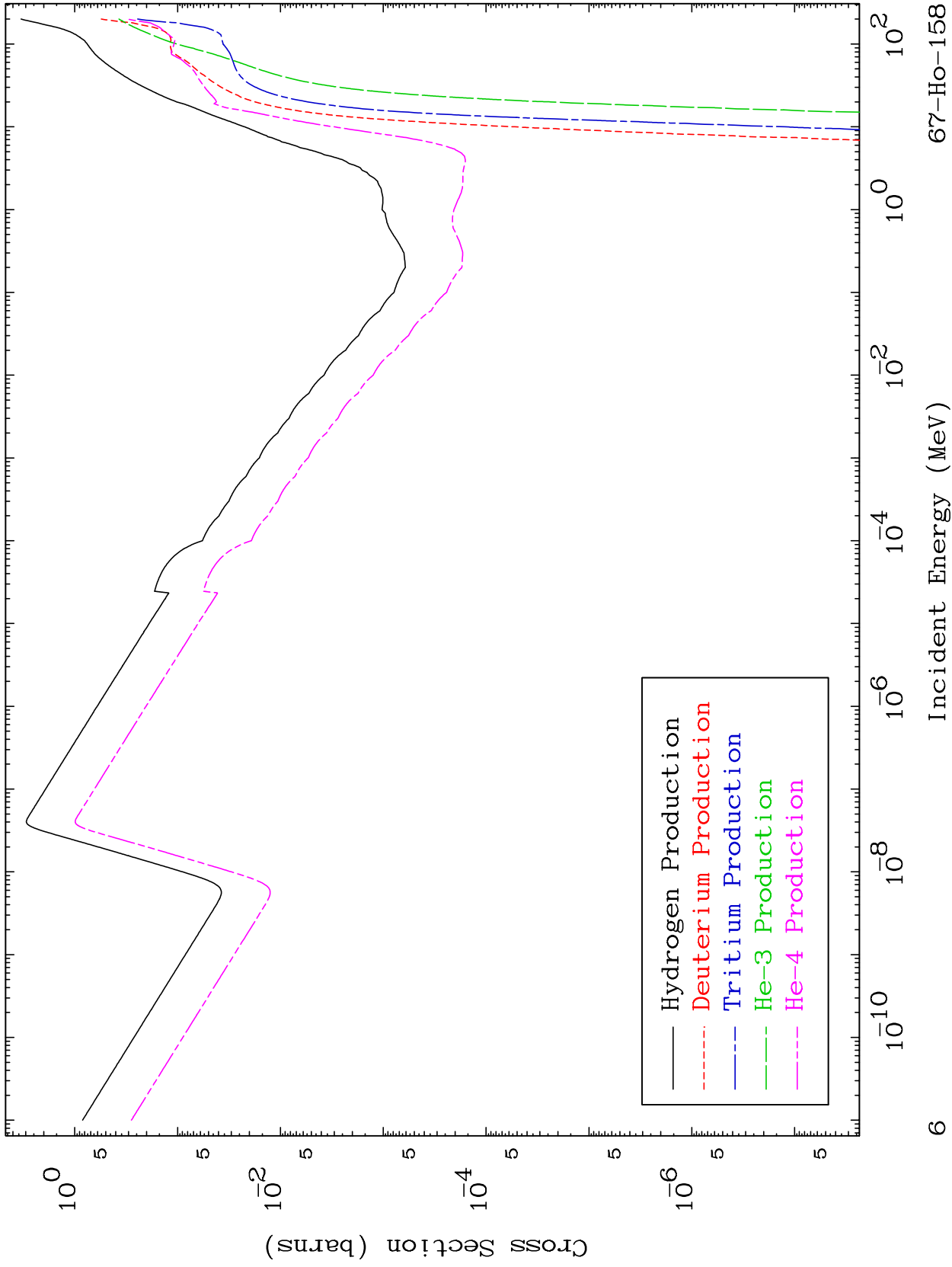
67-Ho-158

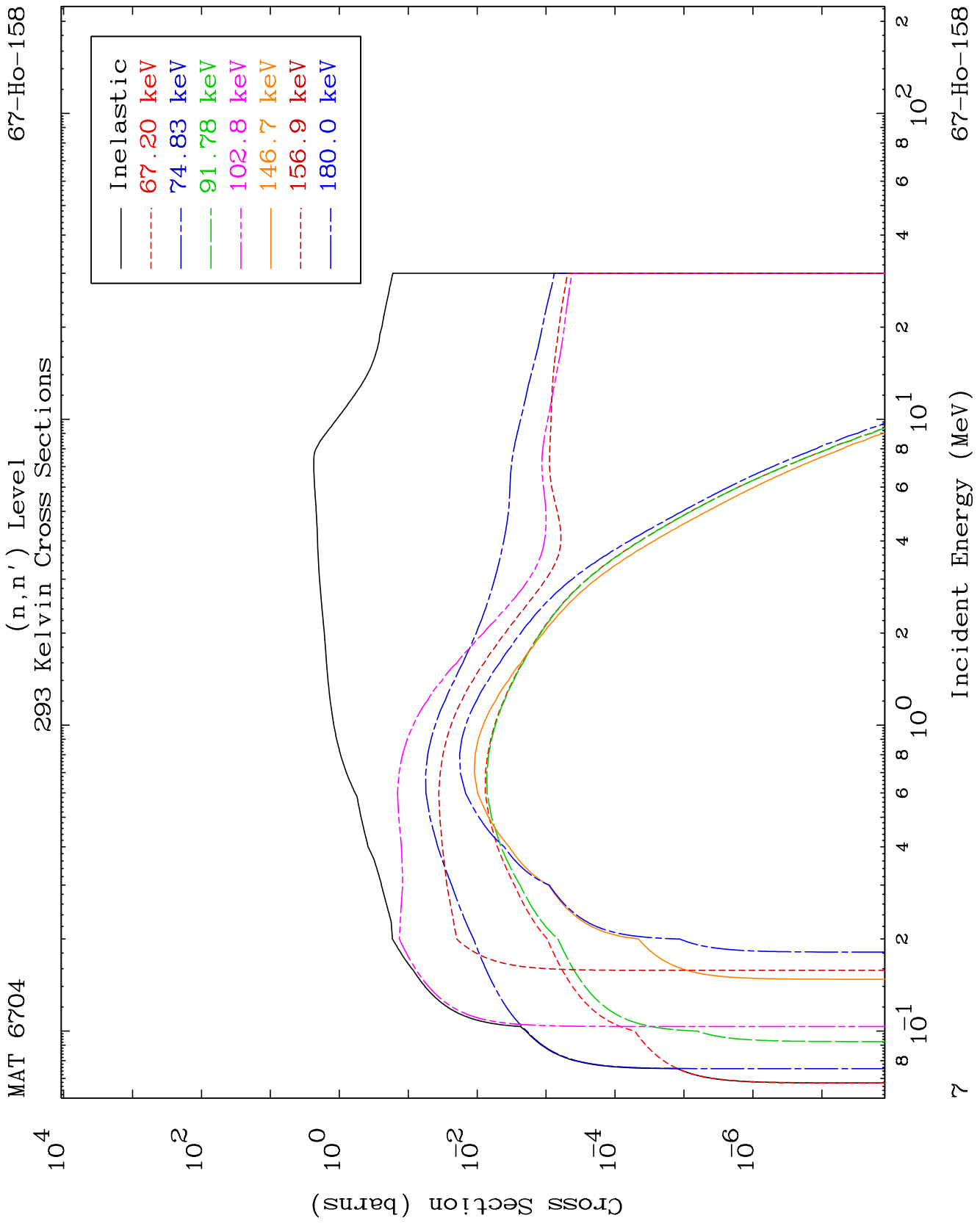


MAT 6704

Particle Production
293 Kelvin Cross Sections

67-Ho-158

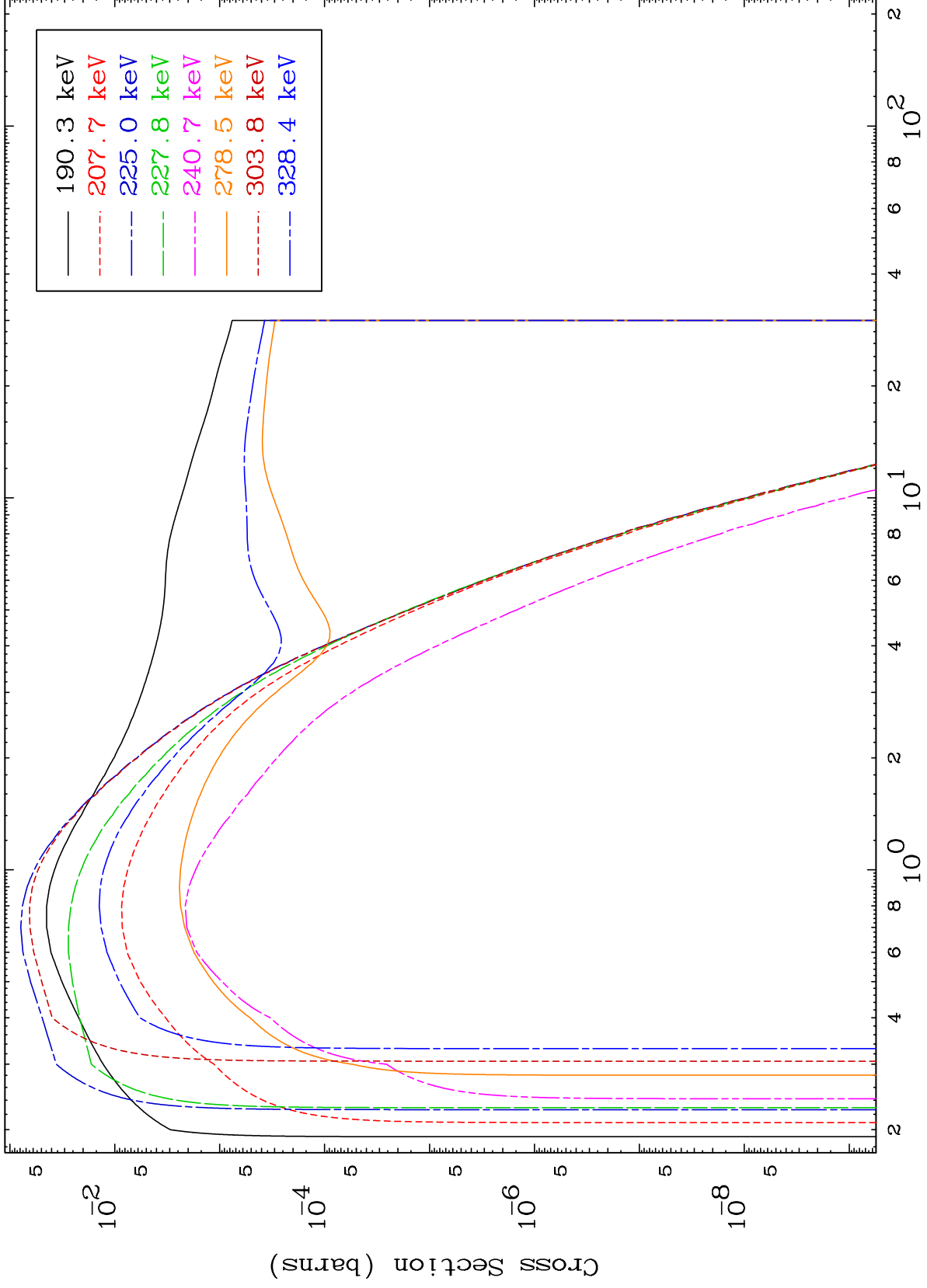




MAT 6704

(n,n') Level
293 Kelvin Cross Sections

67-Ho-158



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Incident Energy (MeV)

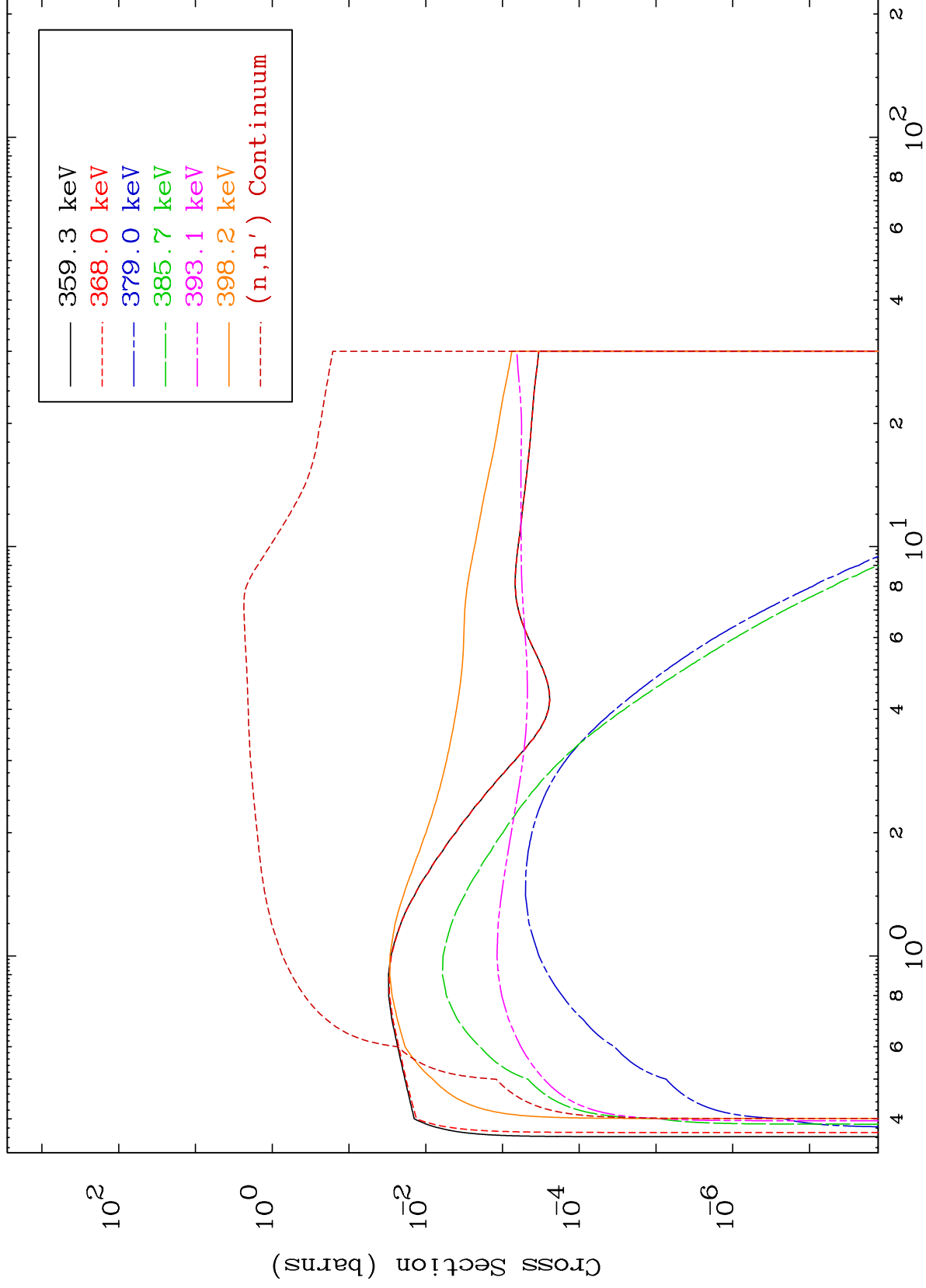
67-Ho-158

MAT 6704

(n,n') Level

67-Ho-158

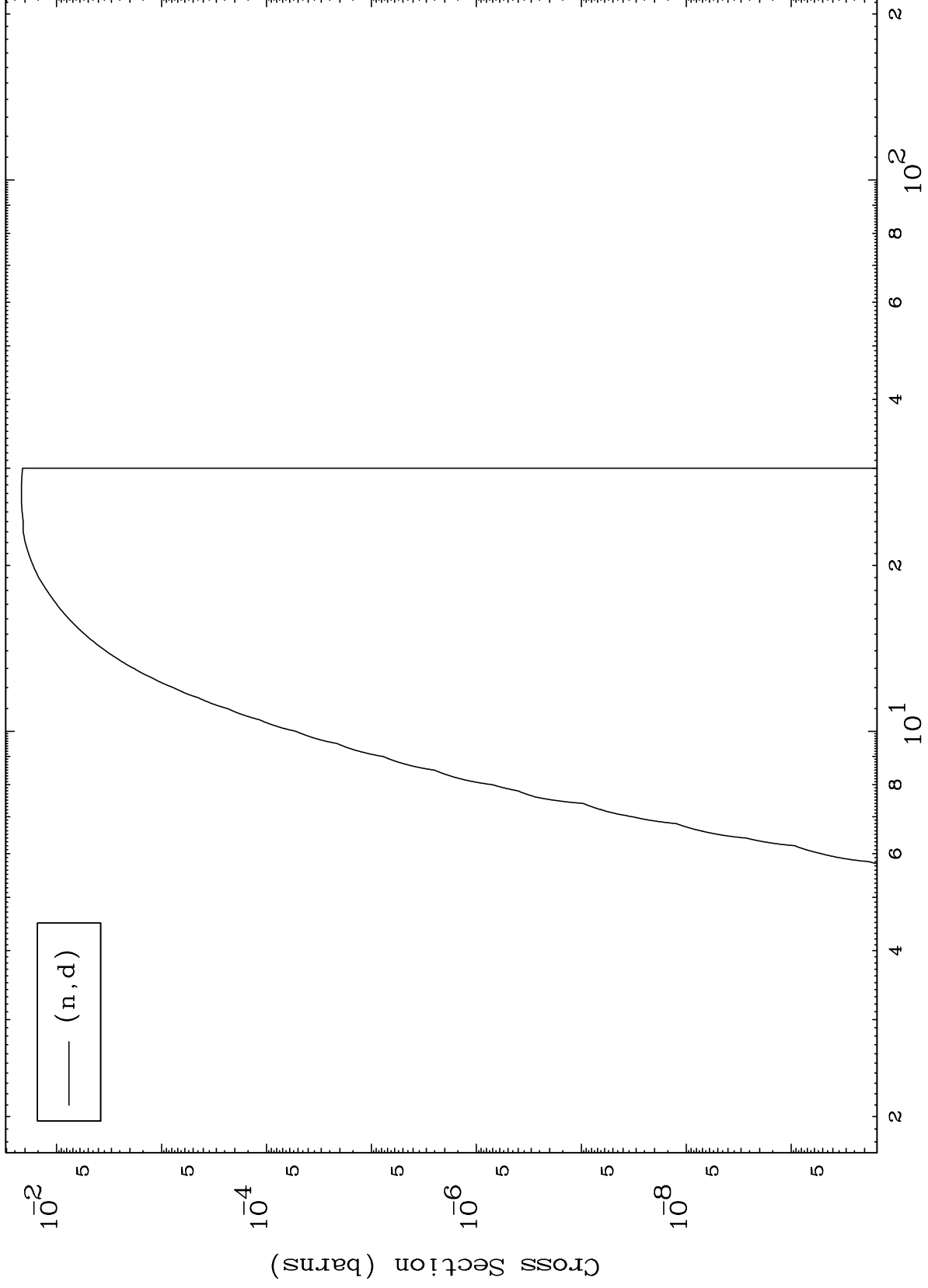
293 Kelvin Cross Sections



MAT 6704

(n,d) Levels
293 Kelvin Cross Sections

67-Ho-158

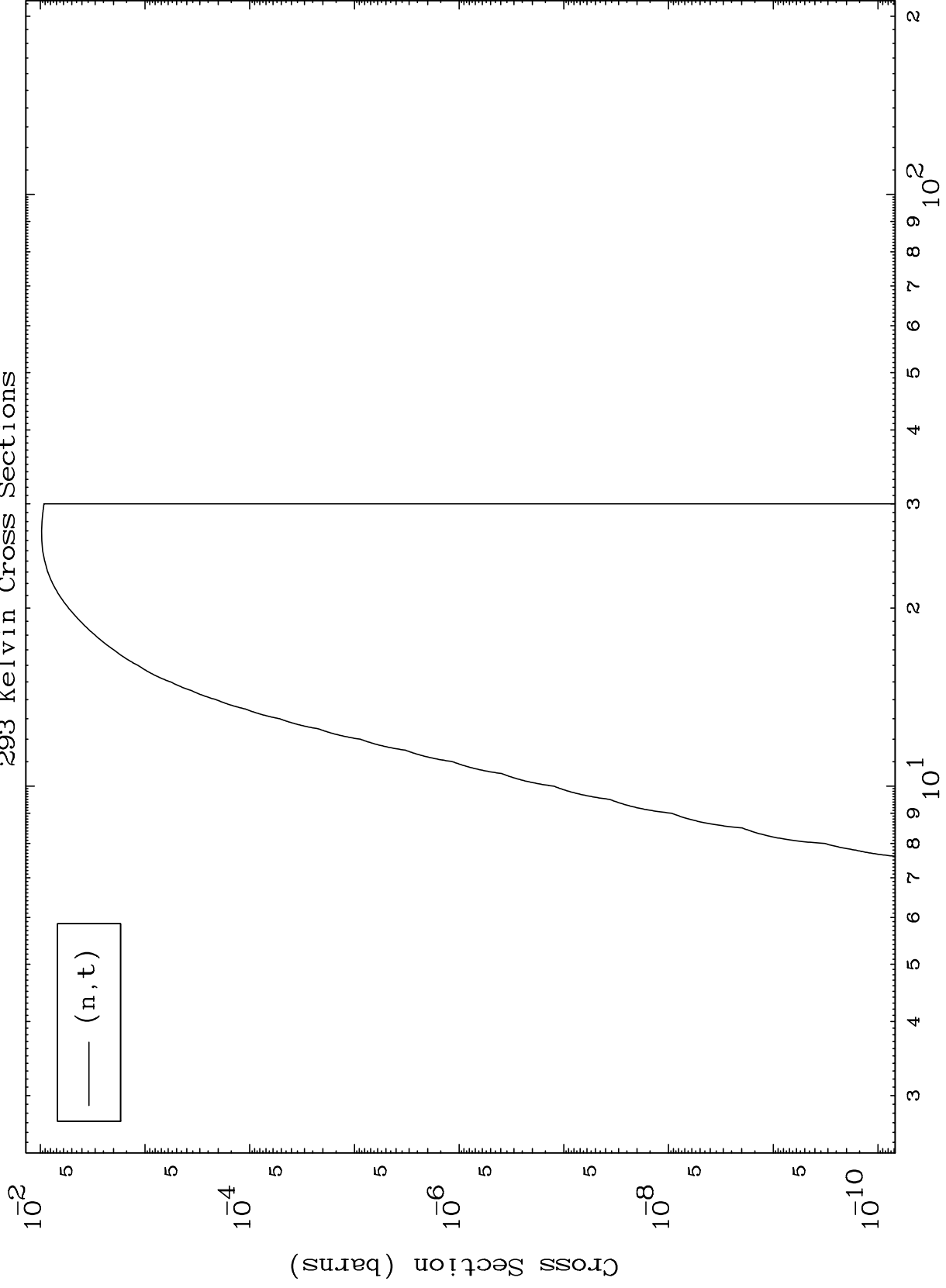


(n,d)

MAT 6704

(n,t) Levels
293 Kelvin Cross Sections

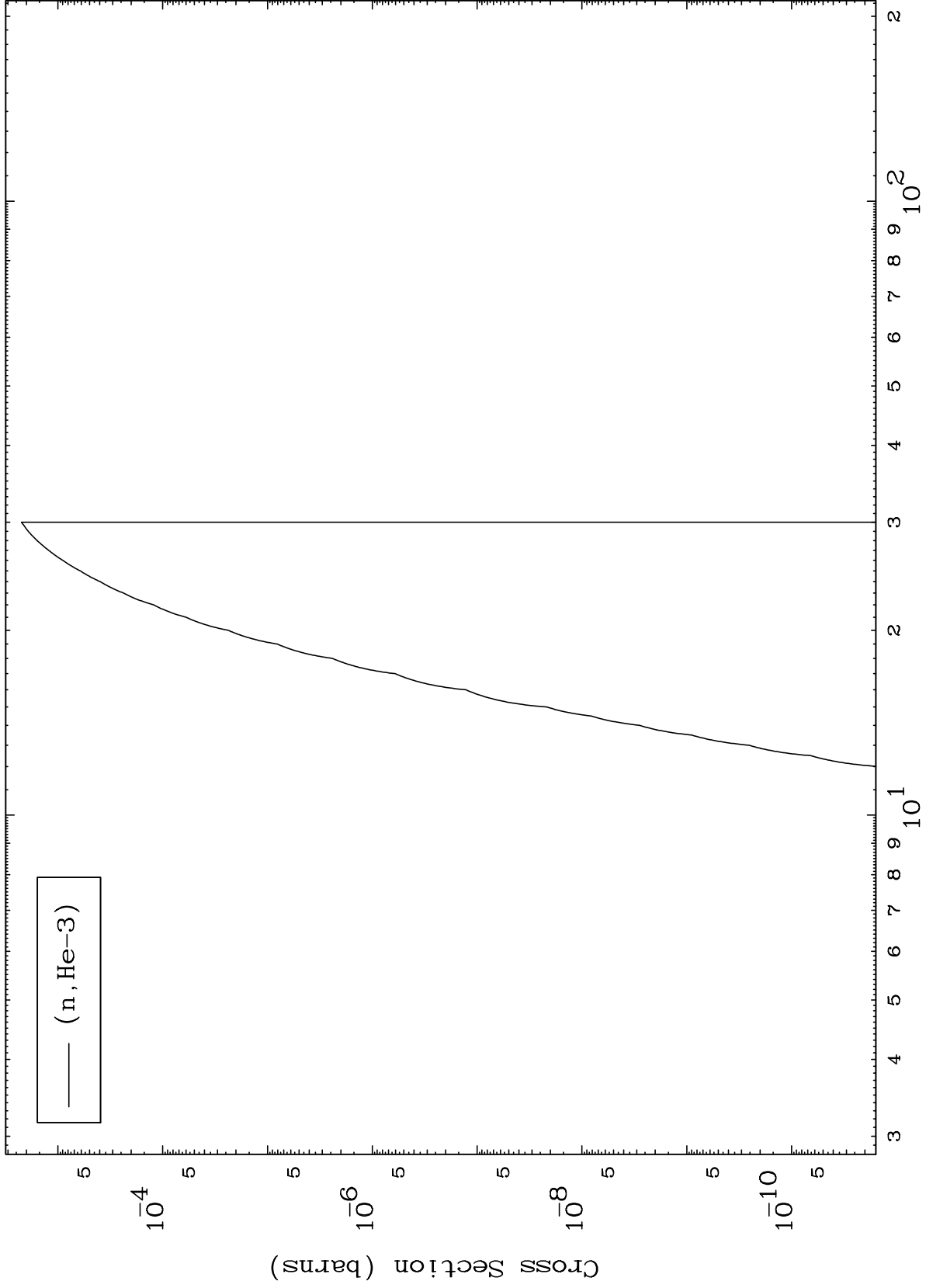
67-Ho-158



MAT 6704

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-158



13

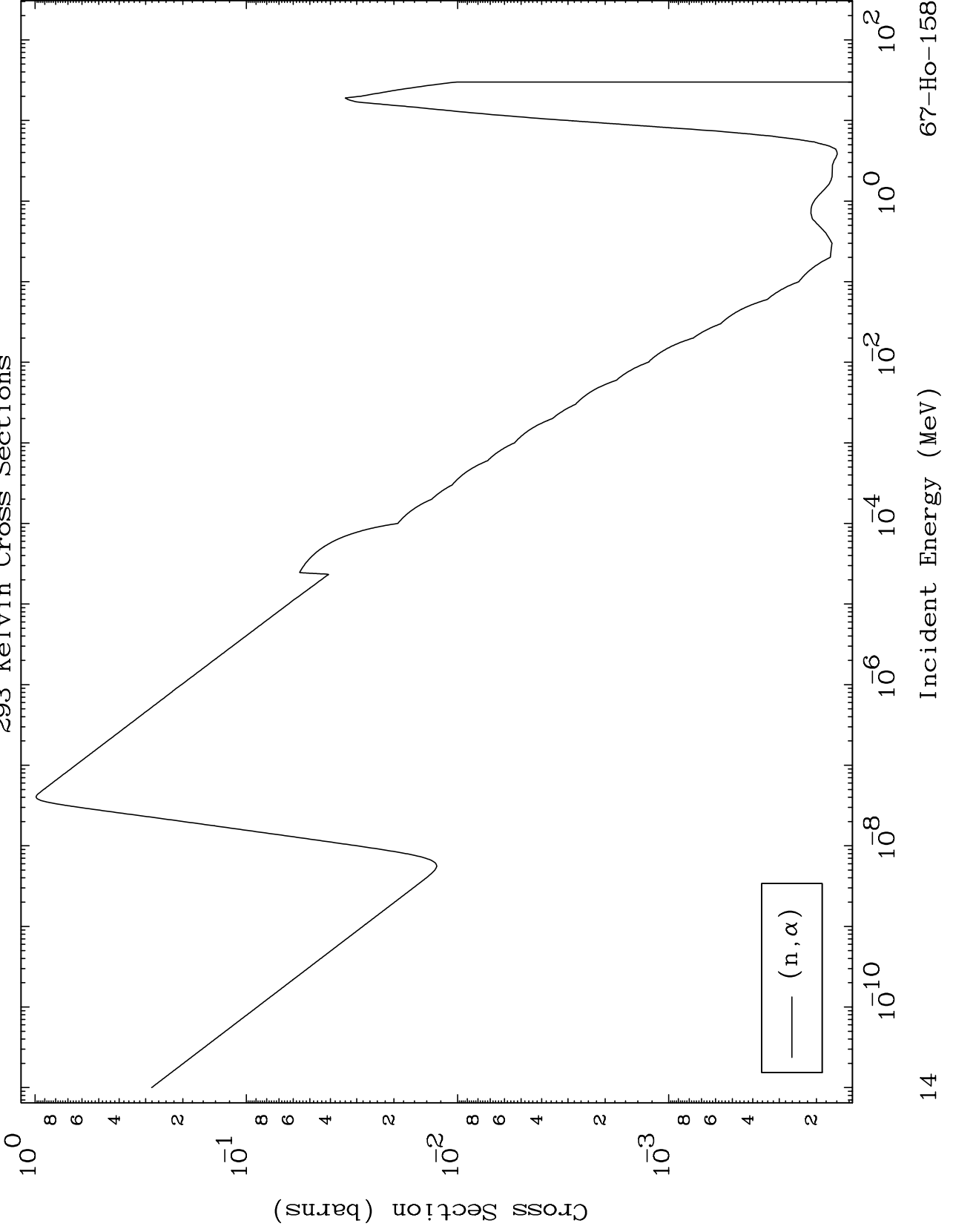
Incident Energy (MeV)

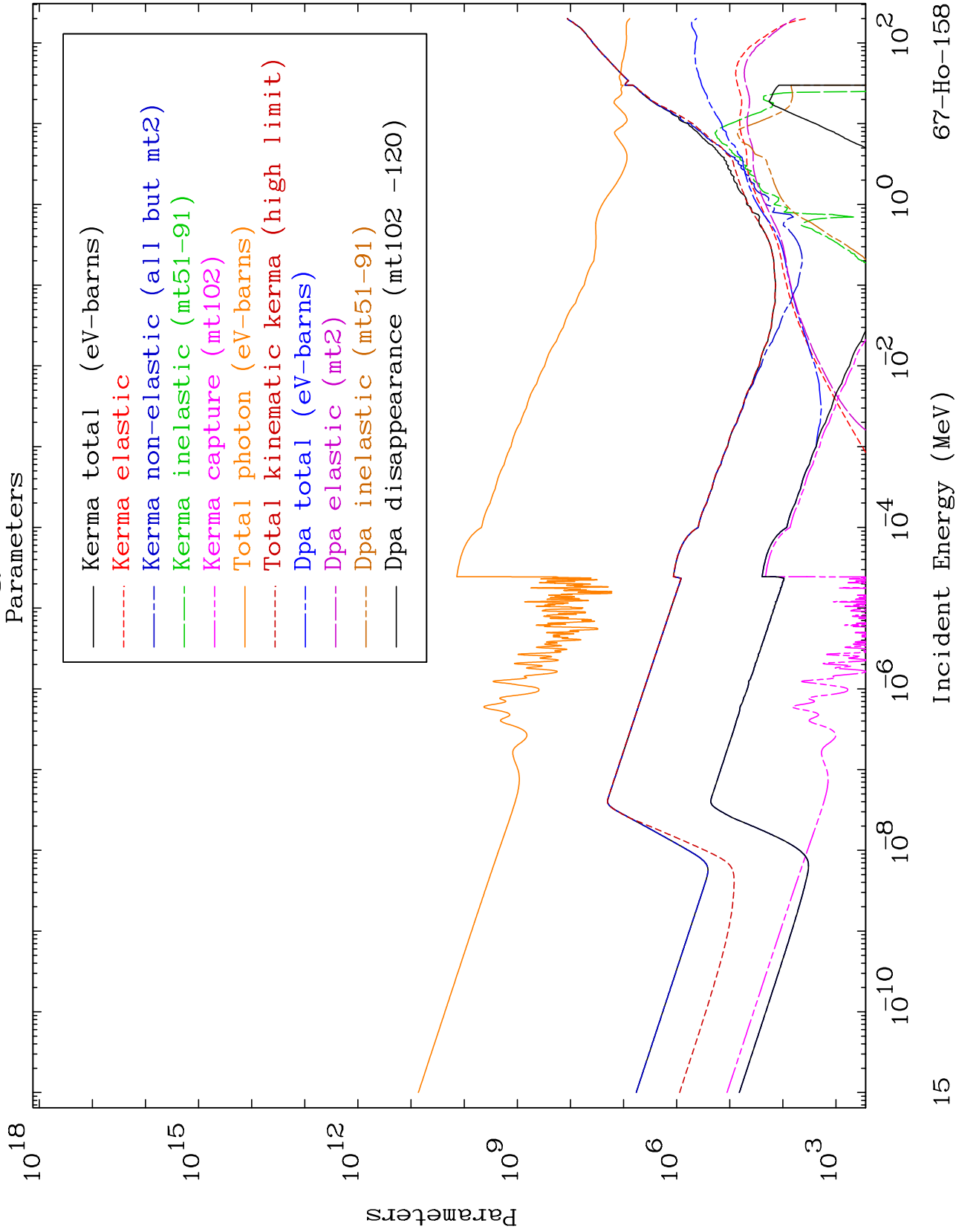
67-Ho-158

MAT 6704

(n,α) Levels
293 Kelvin Cross Sections

67-Ho-158

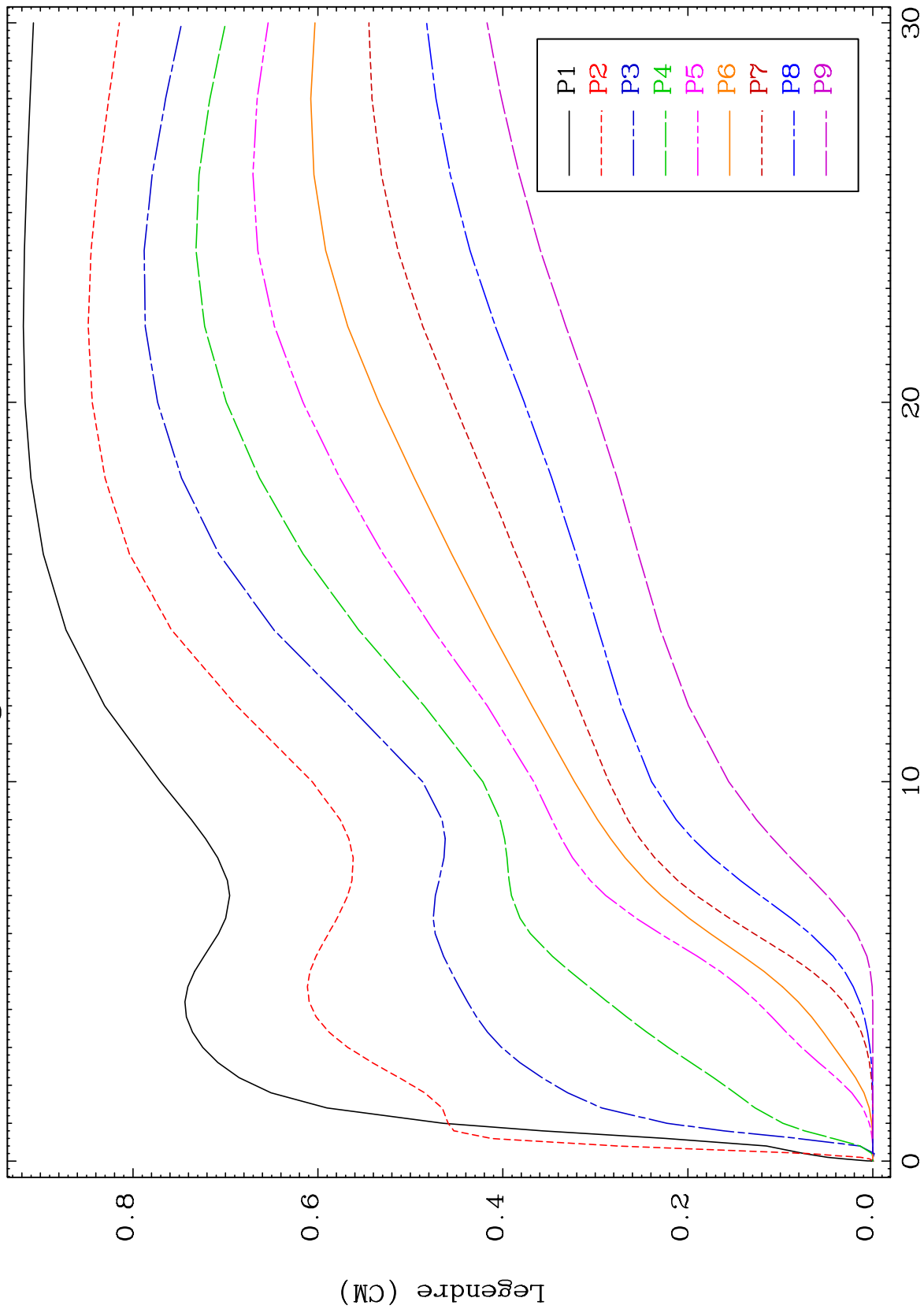




MAT 6704

Elastic Legendre Coefficients

67-Ho-158



16

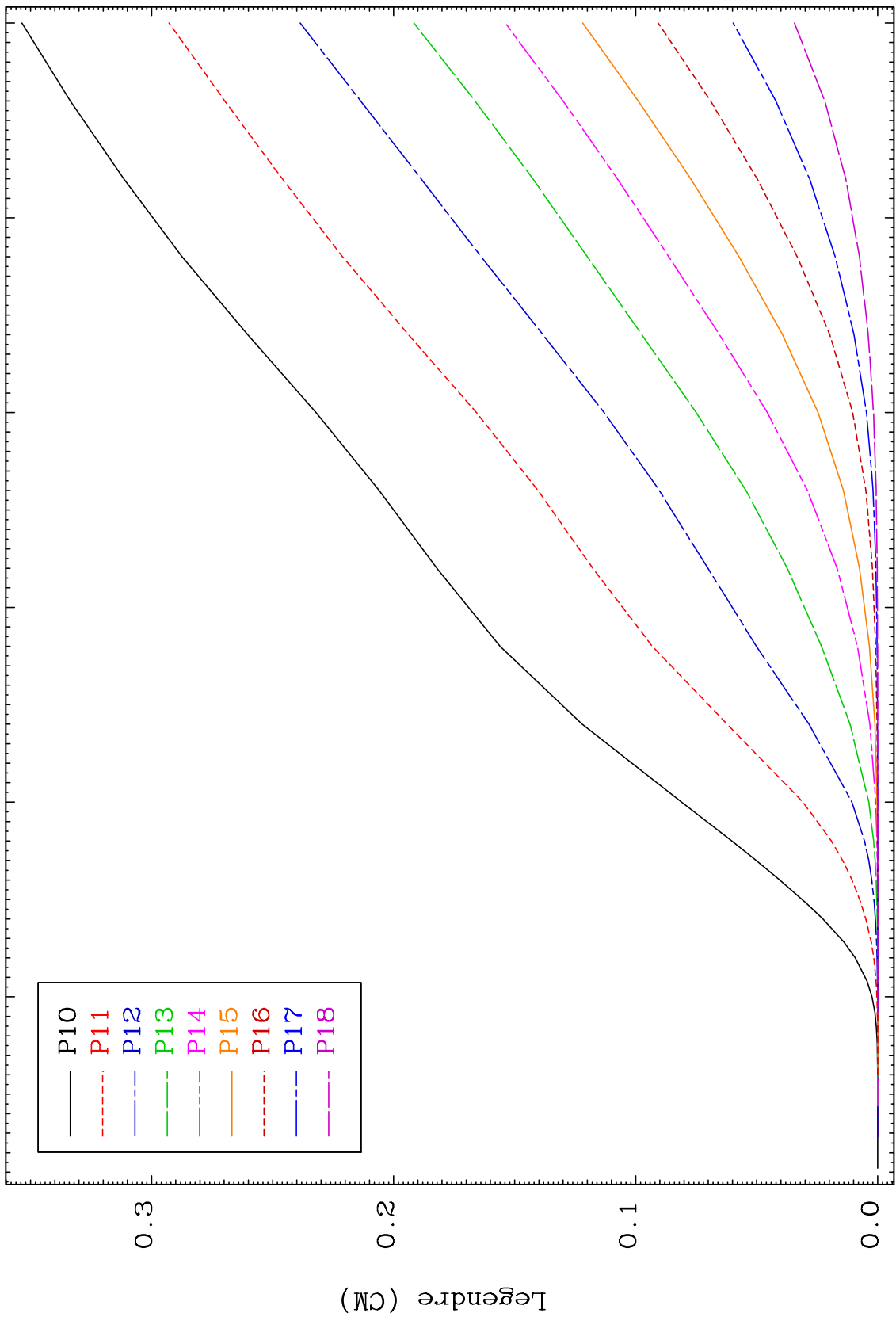
Incident Energy (MeV)

67-Ho-158

MAT 6704

Elastic Legendre Coefficients

67-Ho-158



17

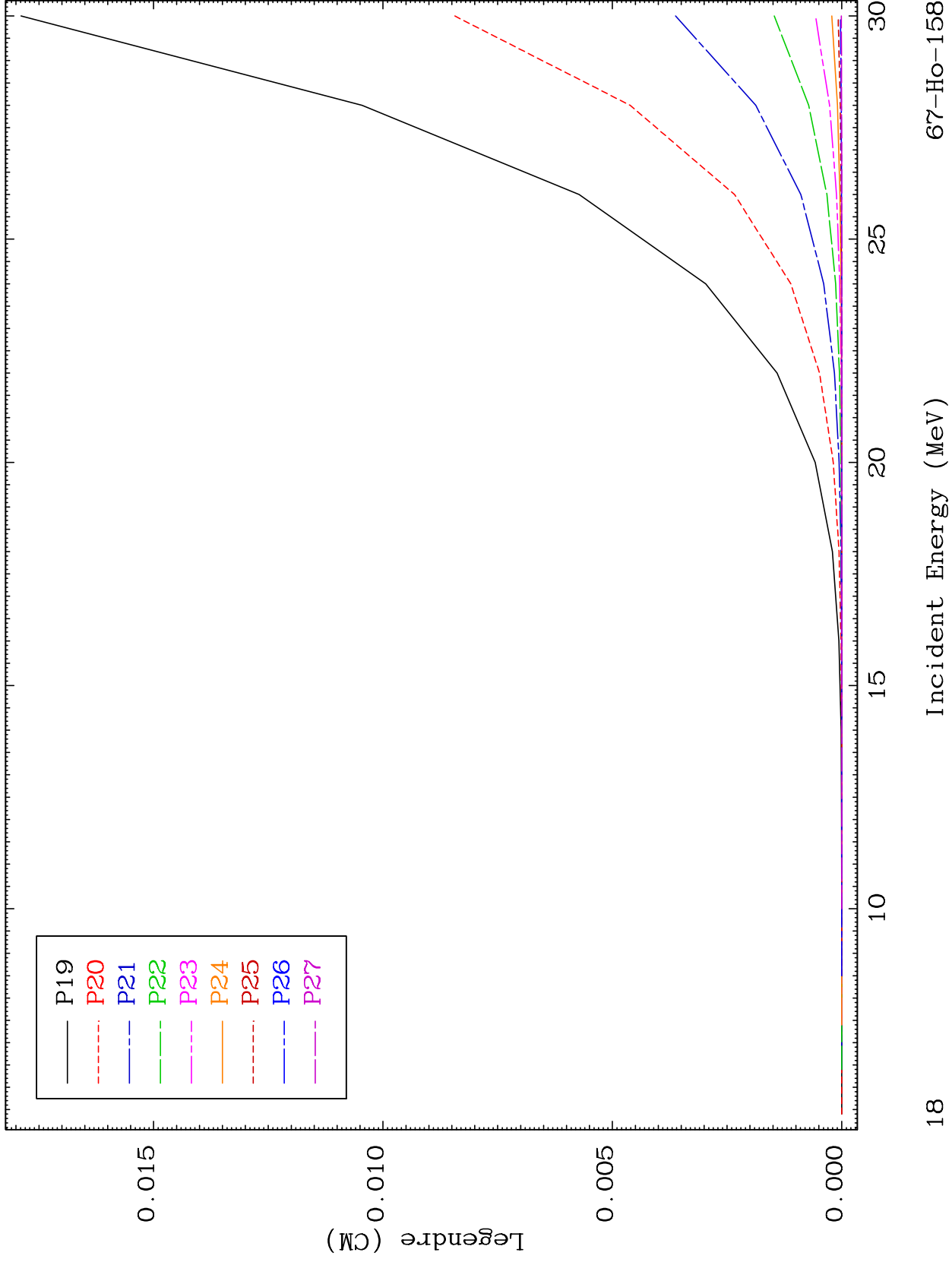
67-Ho-158

Incident Energy (MeV)

MAT 6704

Elastic Legendre Coefficients

67-Ho-158



18

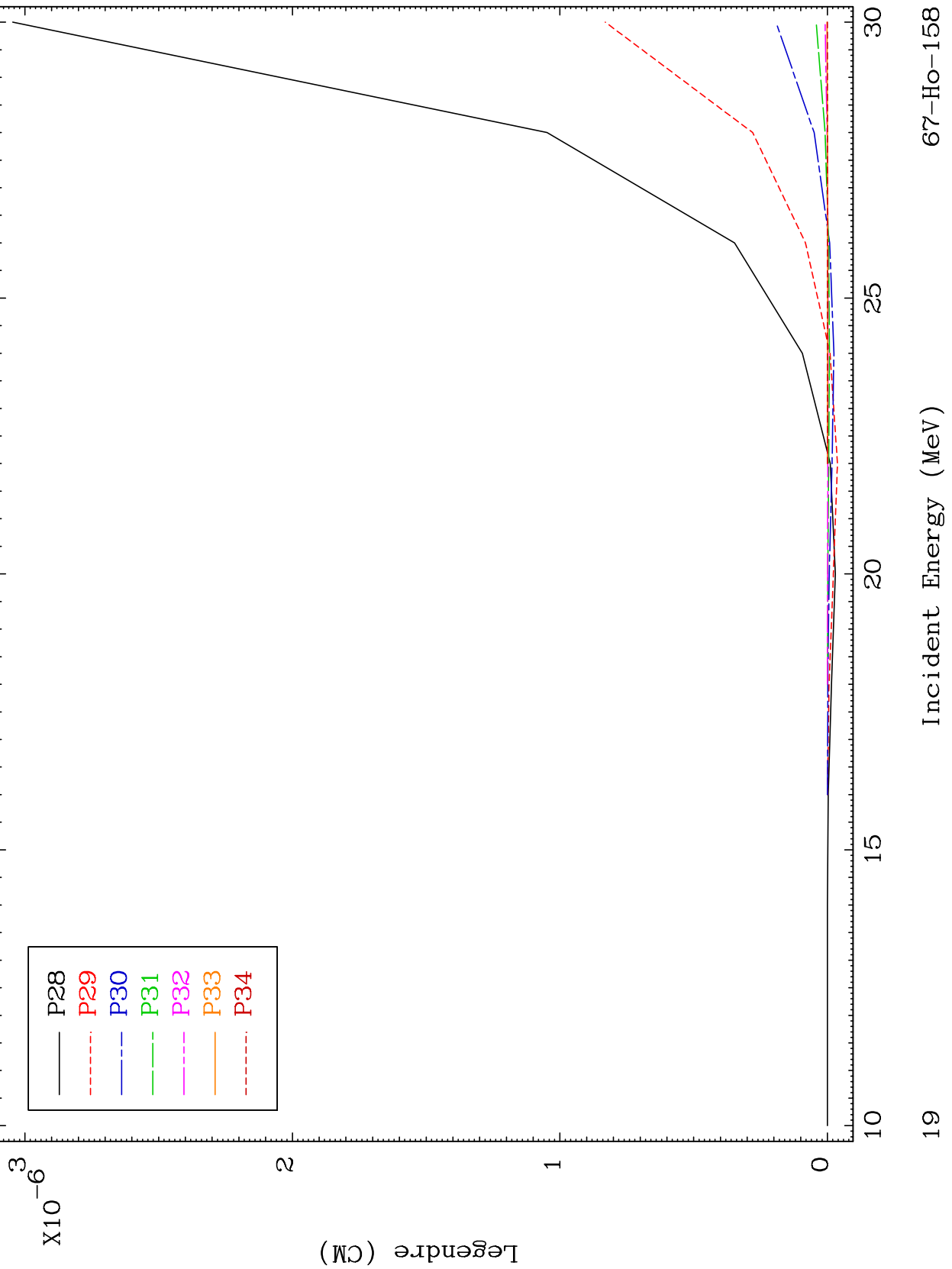
Incident Energy (MeV)

67-Ho-158

MAT 6704

Elastic Legendre Coefficients

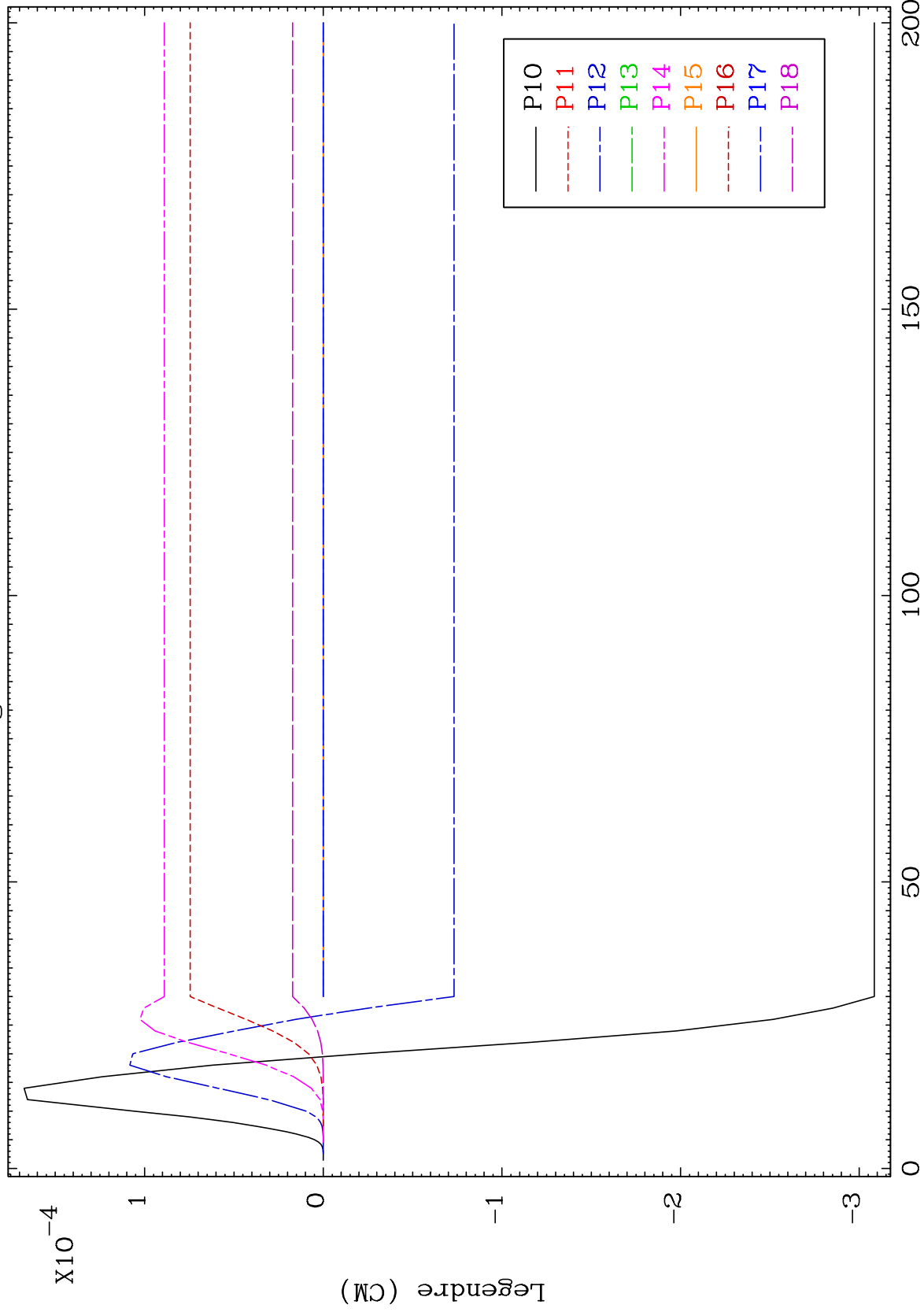
67-Ho-158



MAT 6704

67.20 keV (n,n') Level
Legendre Coefficients

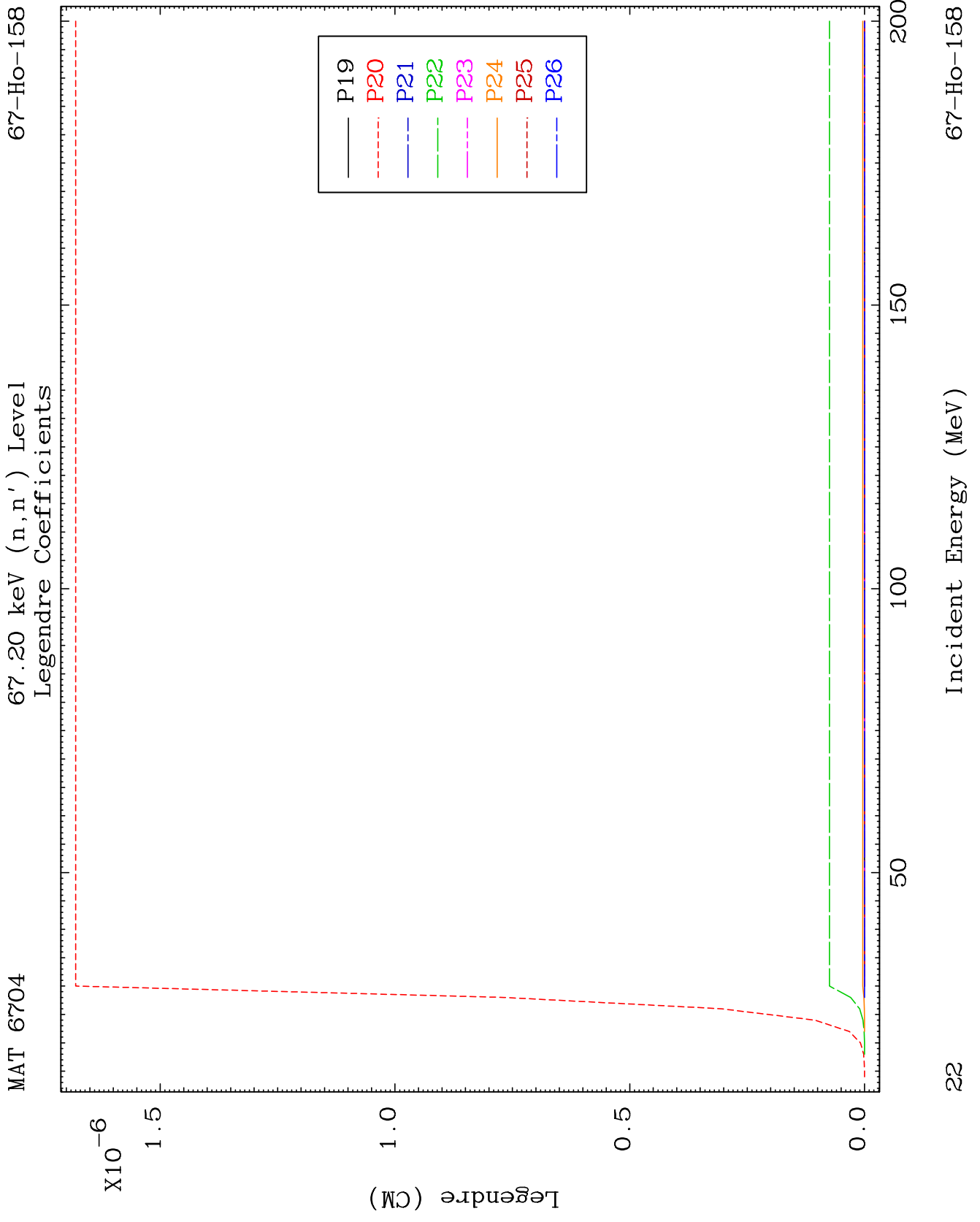
67-Ho-158



21

Incident Energy (MeV)

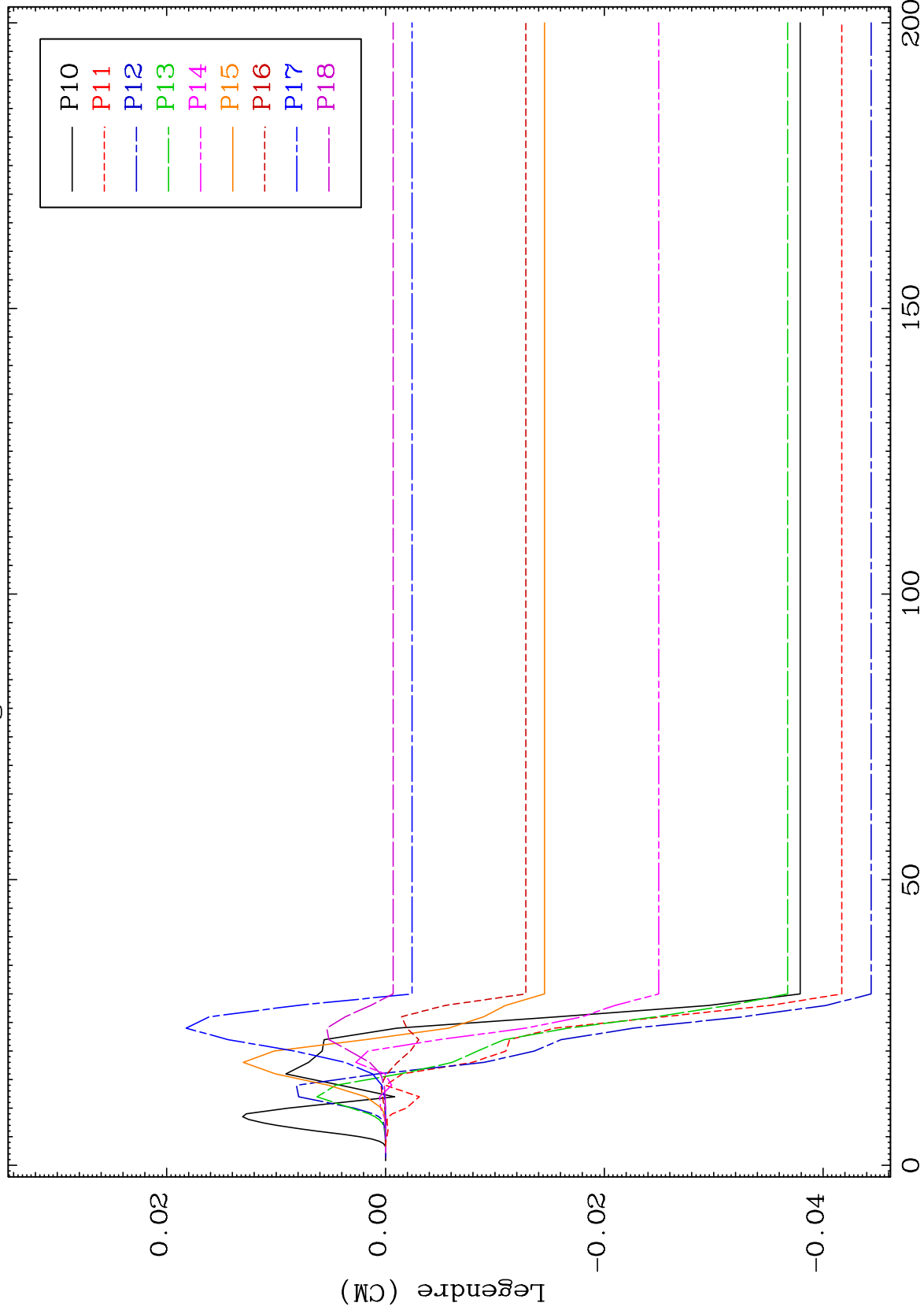
67-Ho-158



MAT 6704

74.83 keV (n,n') Level
Legendre Coefficients

67-Ho-158



24

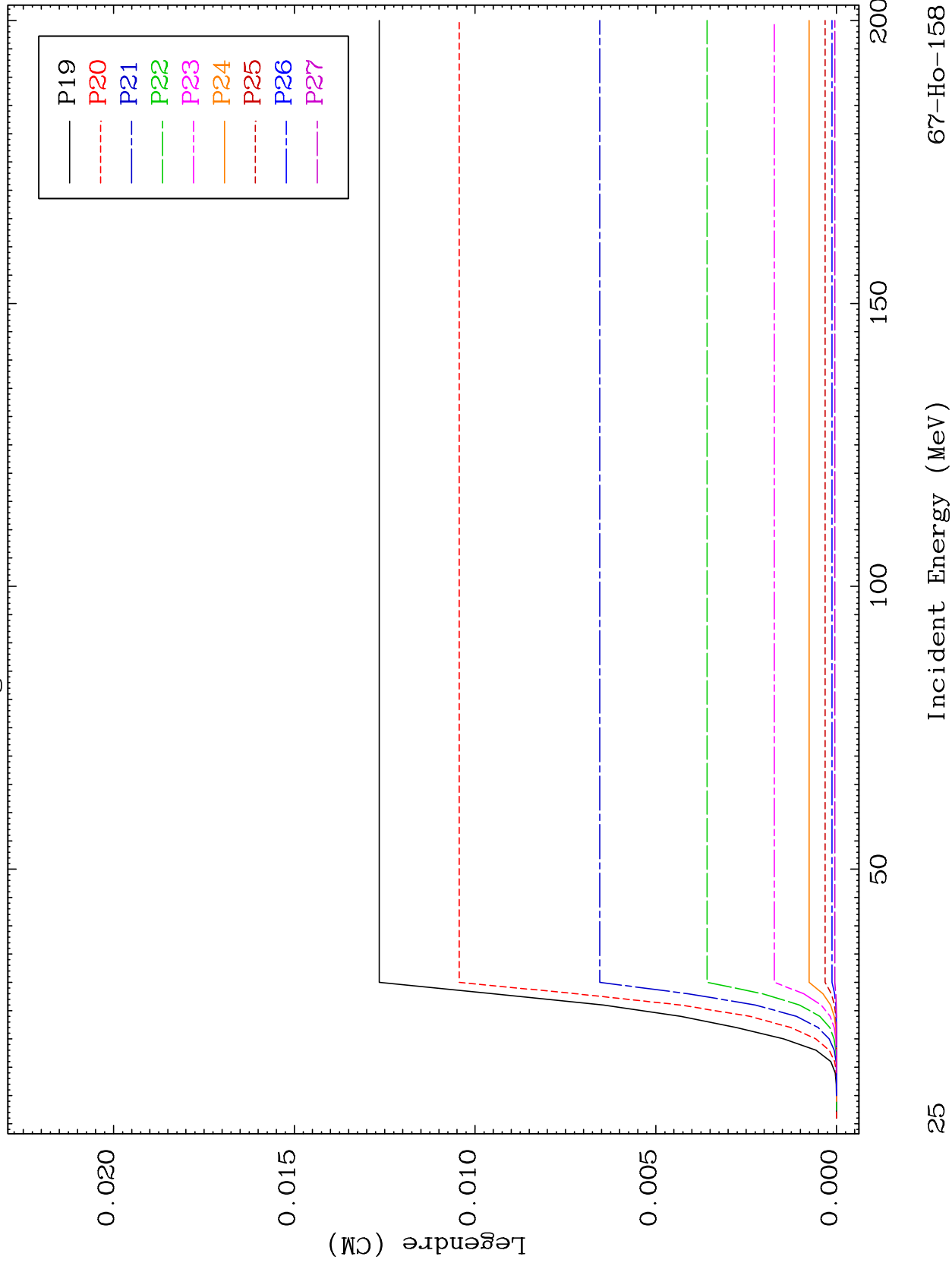
Incident Energy (MeV)

67-Ho-158

MAT 6704

74.83 keV (n,n') Level
Legendre Coefficients

67-Ho-158



25

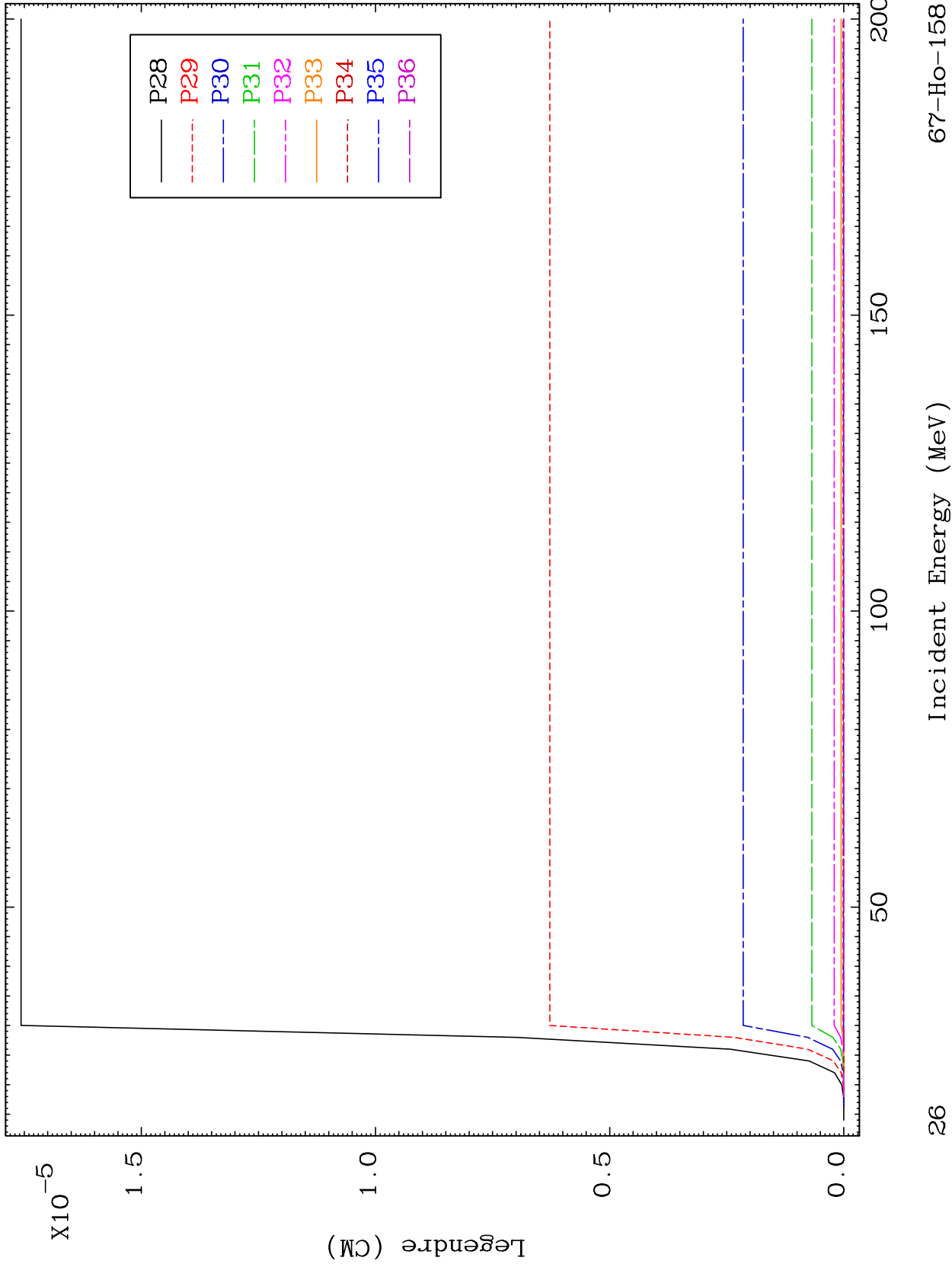
Incident Energy (MeV)

67-Ho-158

MAT 6704

74.83 keV (n,n') Level
Legendre Coefficients

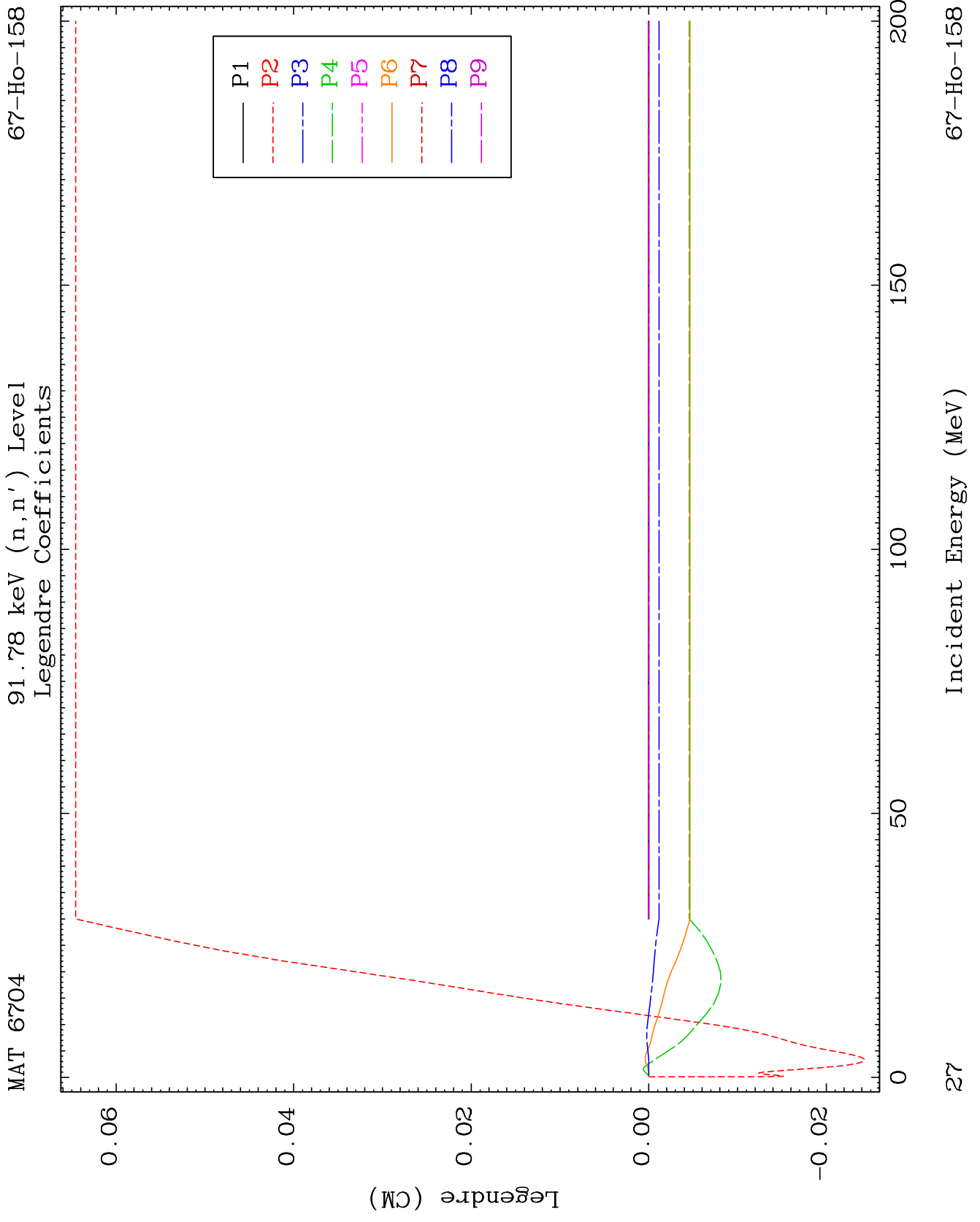
67-Ho-158



26

Incident Energy (MeV)

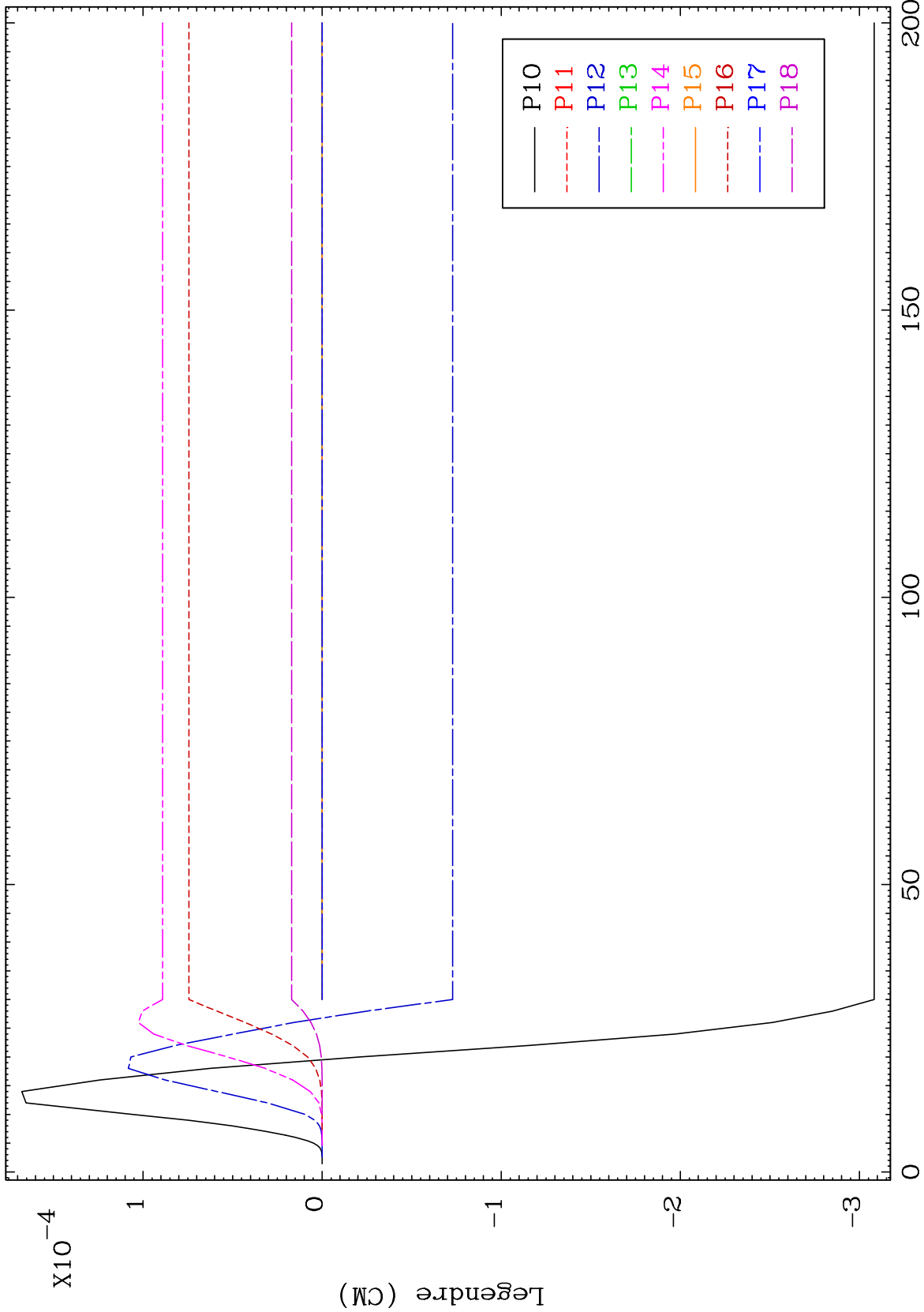
67-Ho-158



MAT 6704

91.78 keV (n,n') Level
Legendre Coefficients

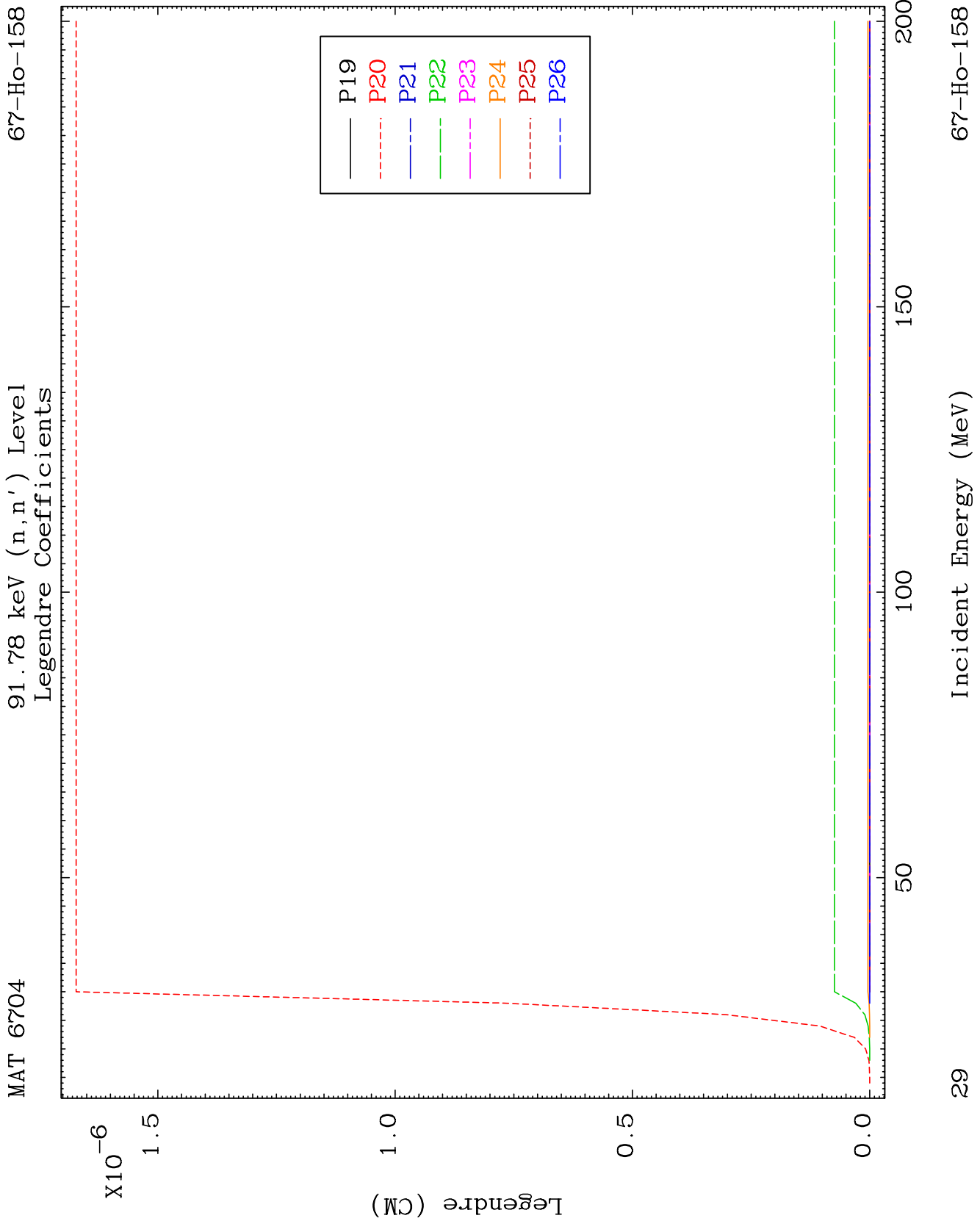
67-Ho-158



28

Incident Energy (MeV)

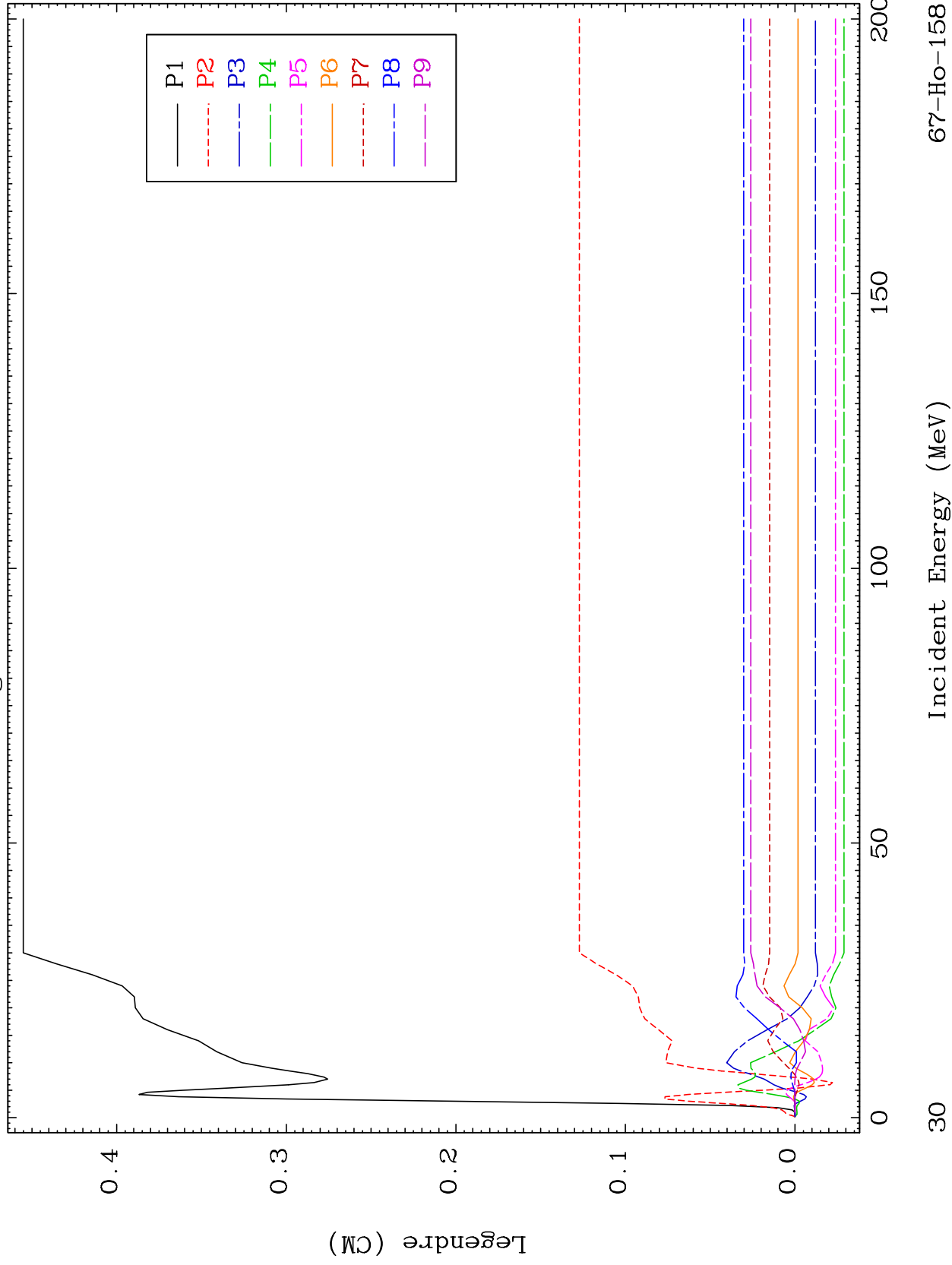
67-Ho-158



MAT 6704

102.8 keV (n,n') Level
Legendre Coefficients

67-Ho-158



67-Ho-158

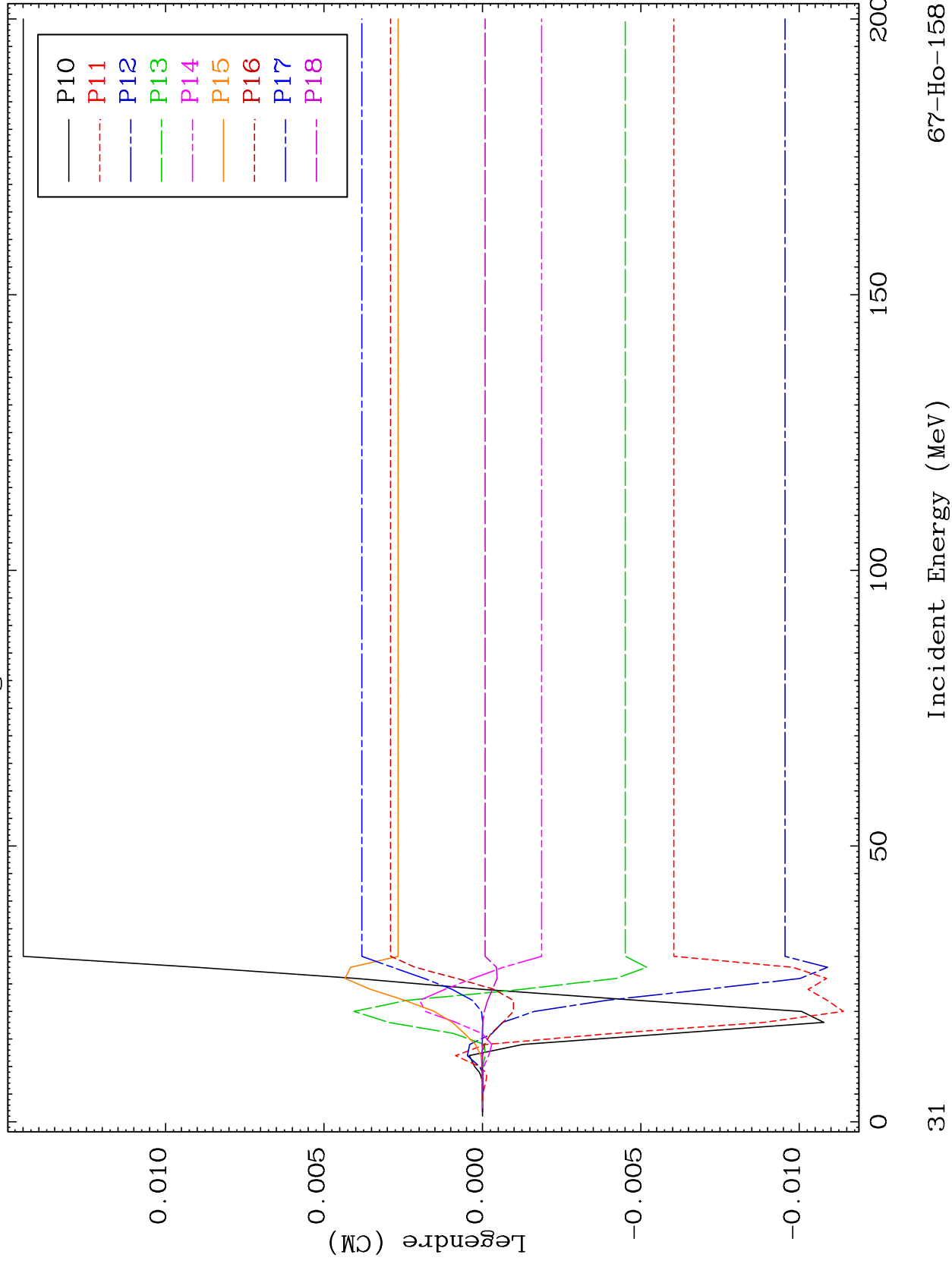
Incident Energy (MeV)

30

MAT 6704

102.8 keV (n,n') Level
Legendre Coefficients

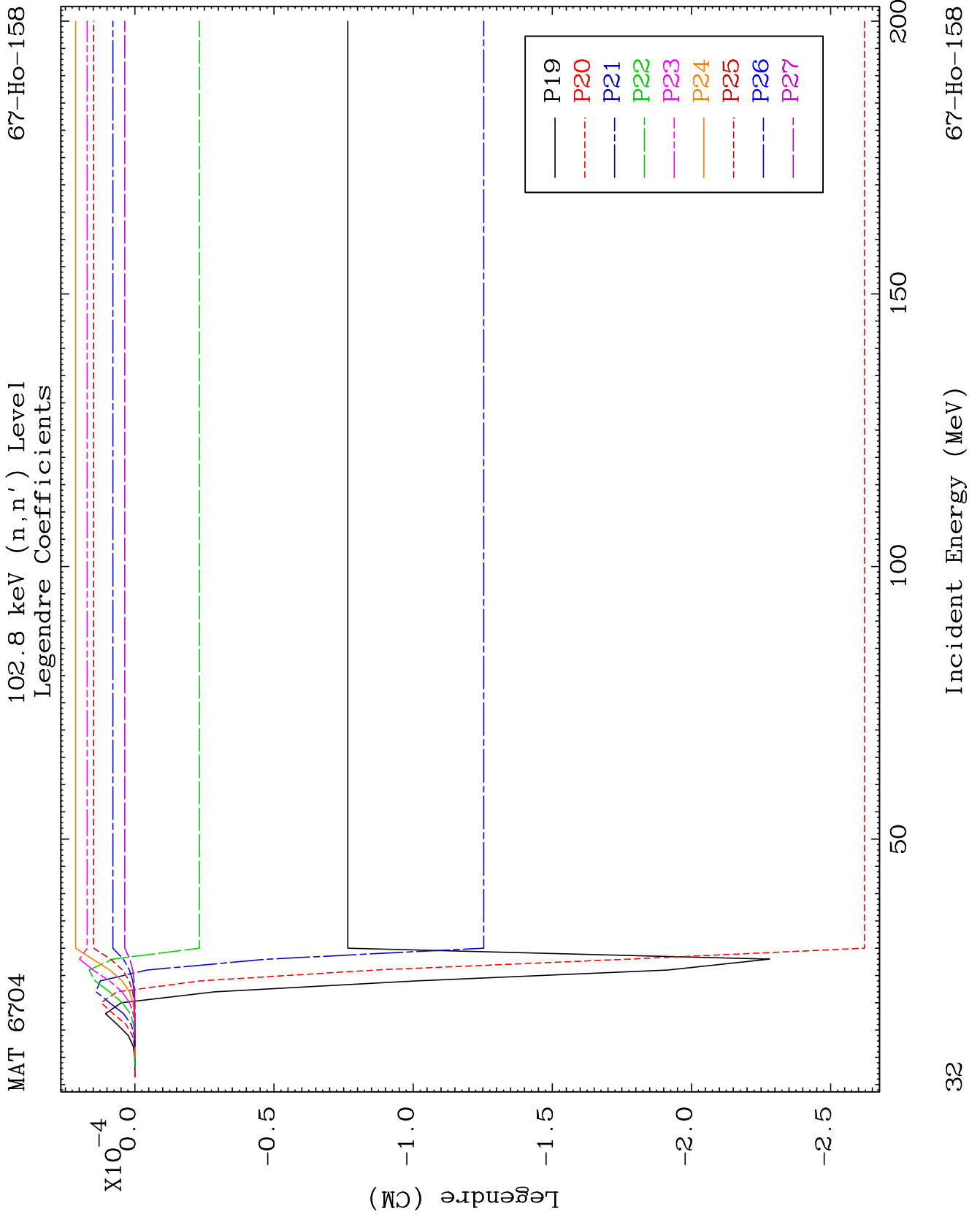
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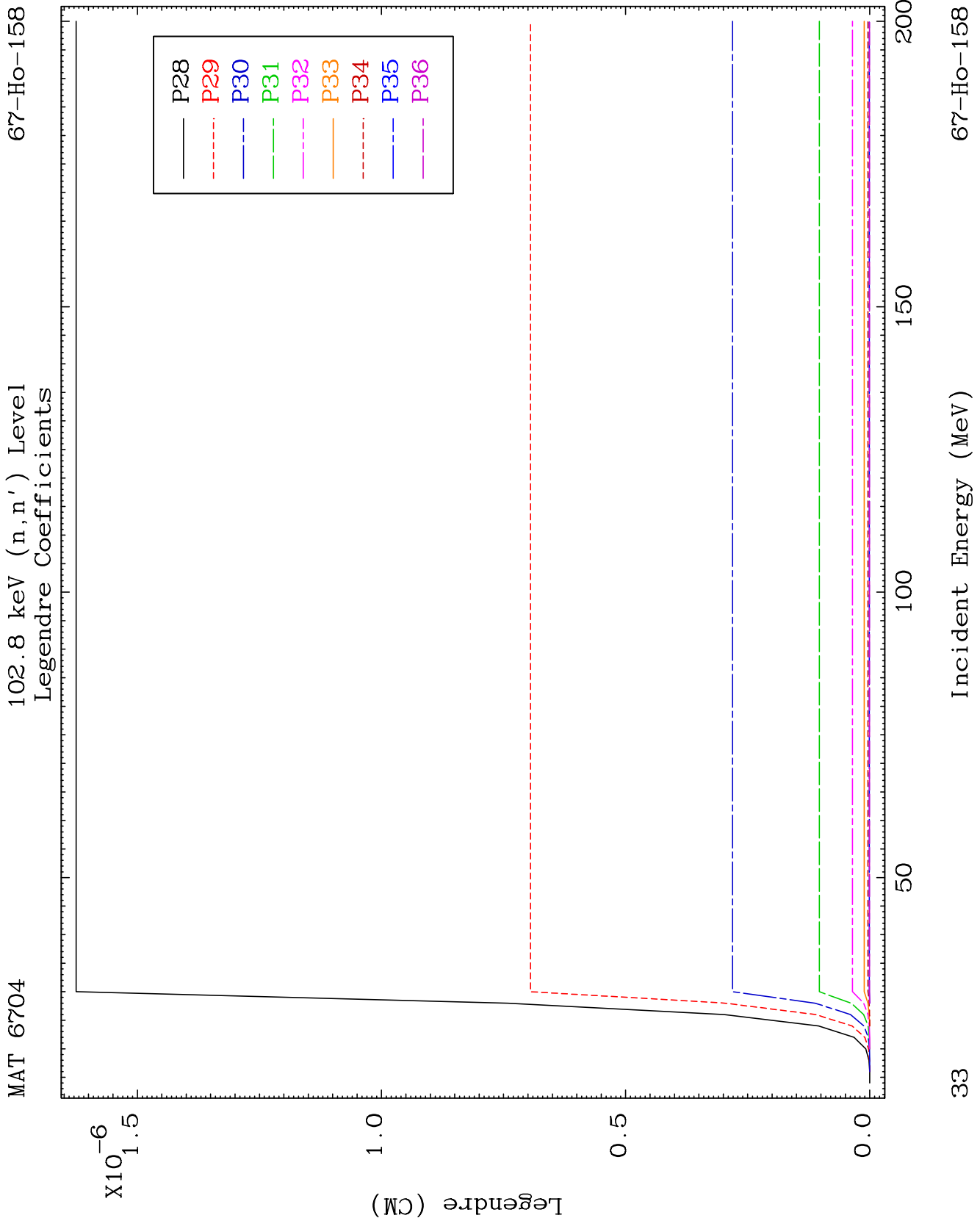


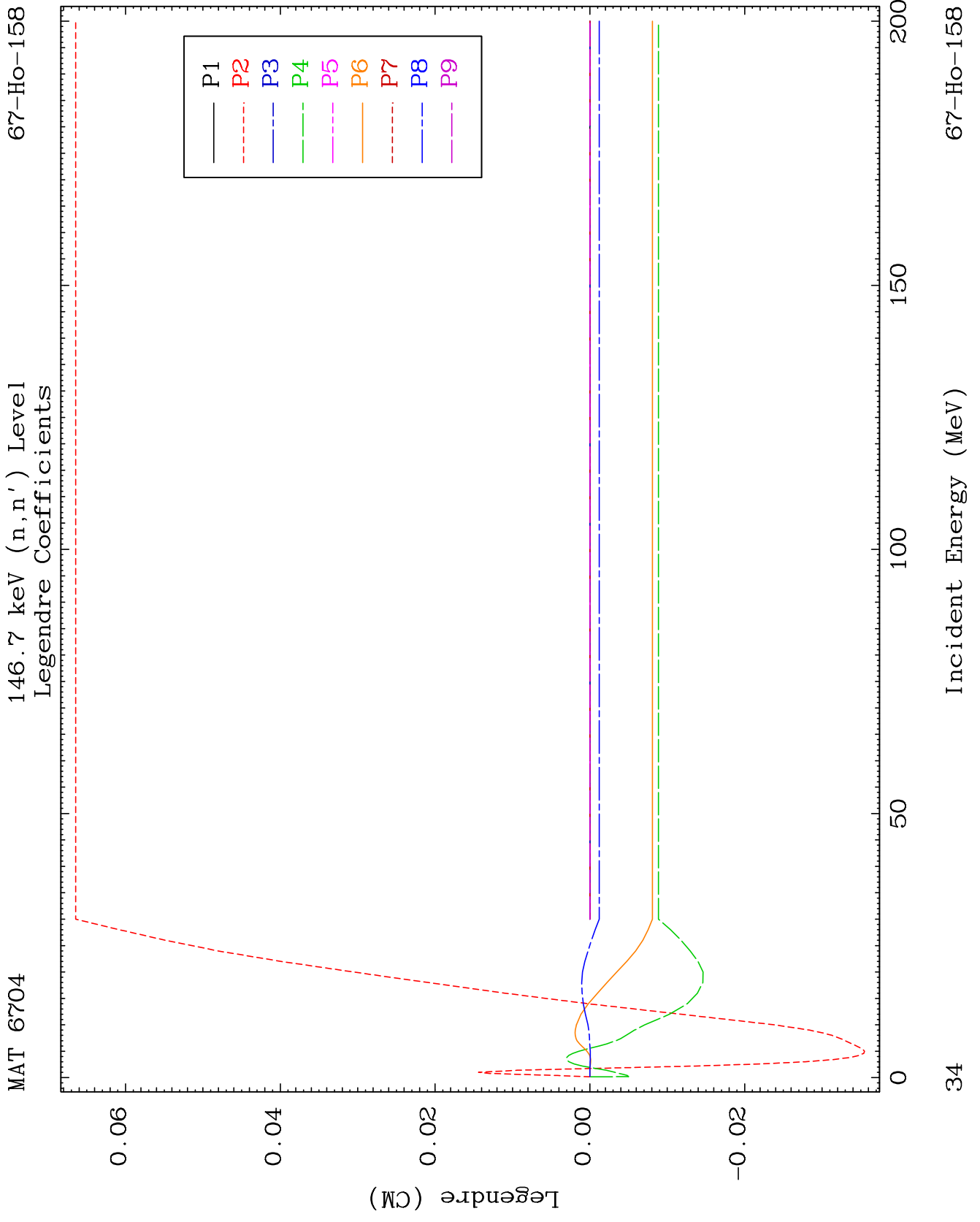
31

Incident Energy (MeV)

67-Ho-158



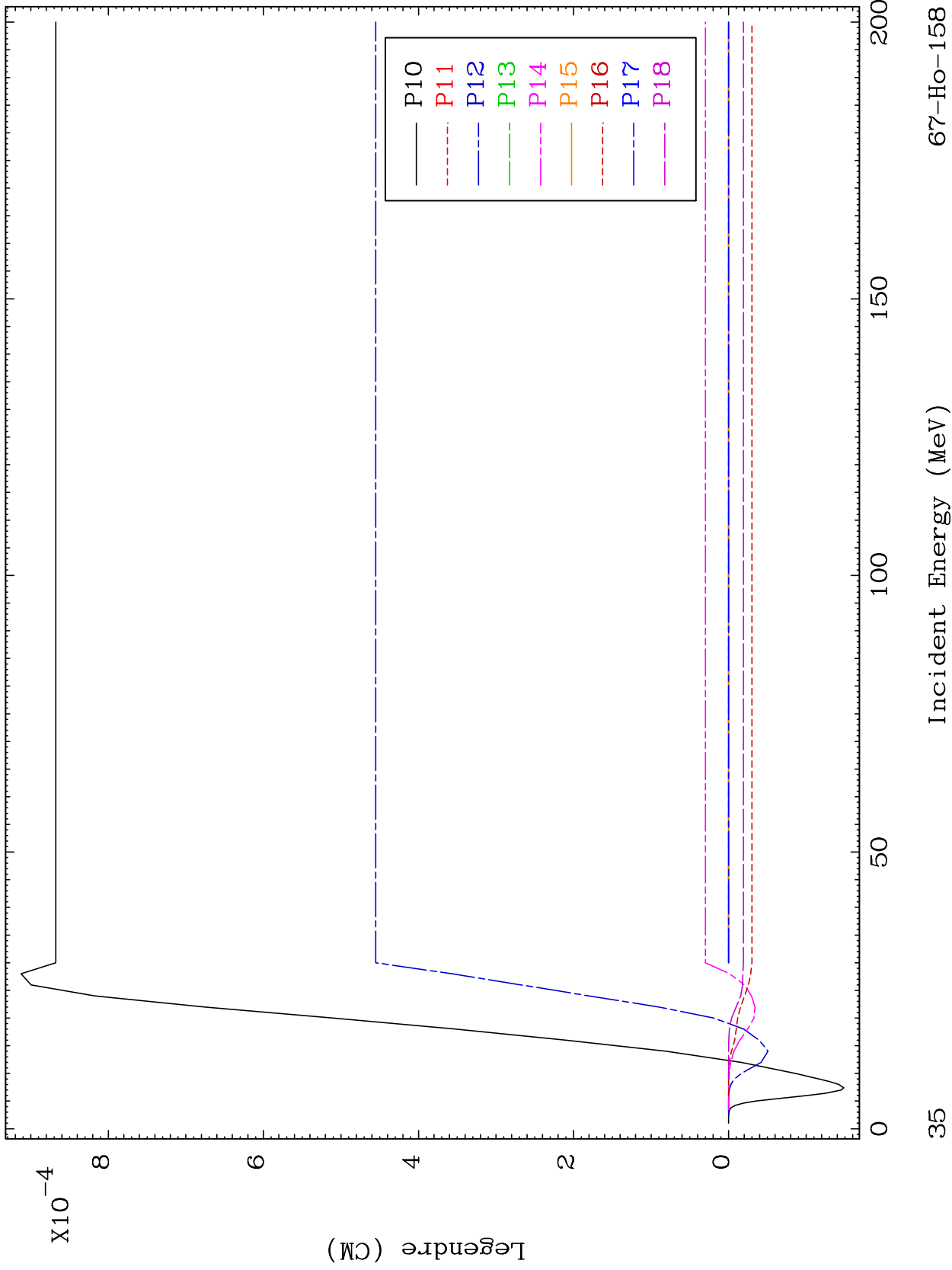


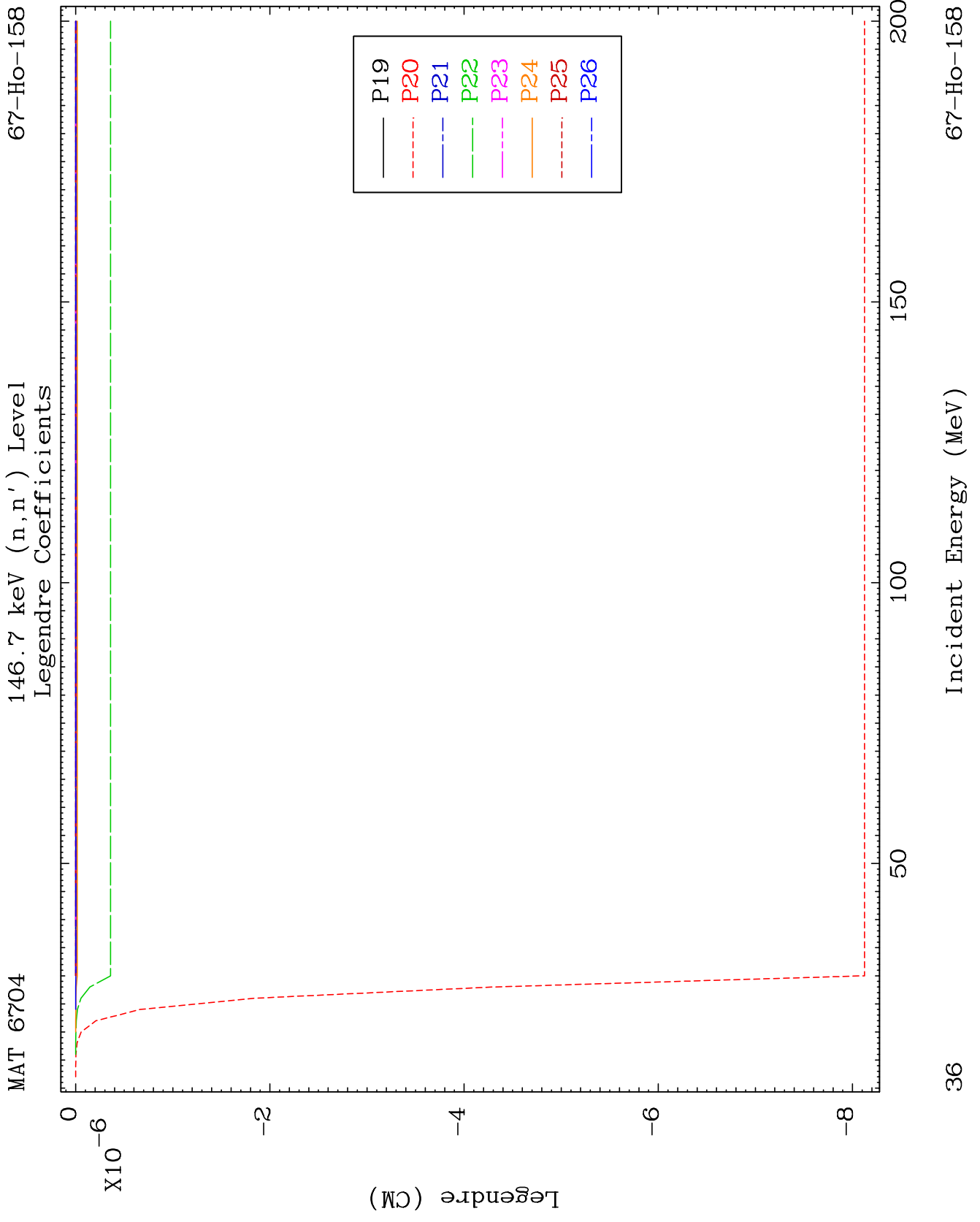


MAT 6704

146.7 keV (n,n') Level
Legendre Coefficients

67-Ho-158

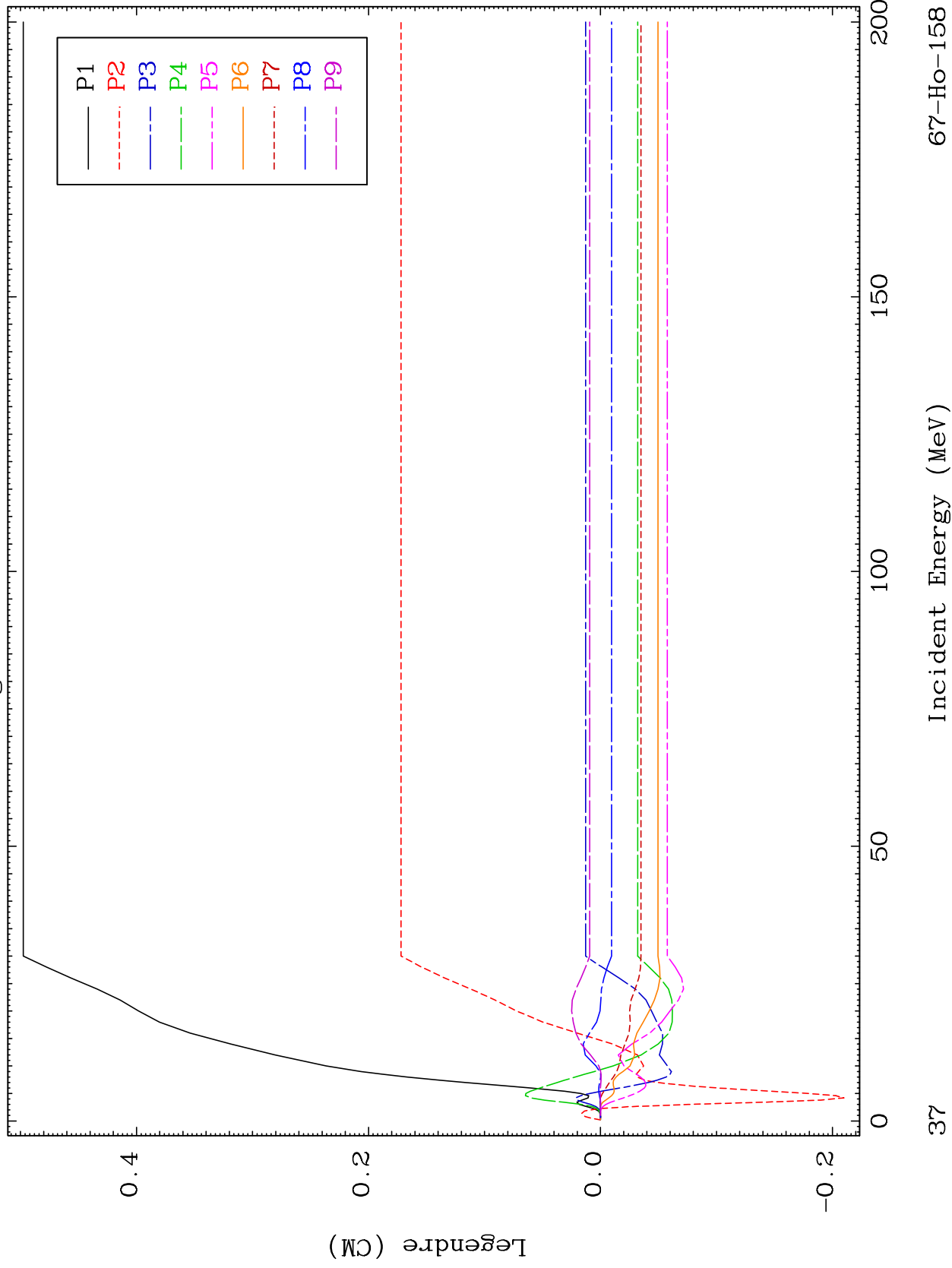




MAT 6704

156.9 keV (n,n') Level
Legendre Coefficients

67-Ho-158



67-Ho-158

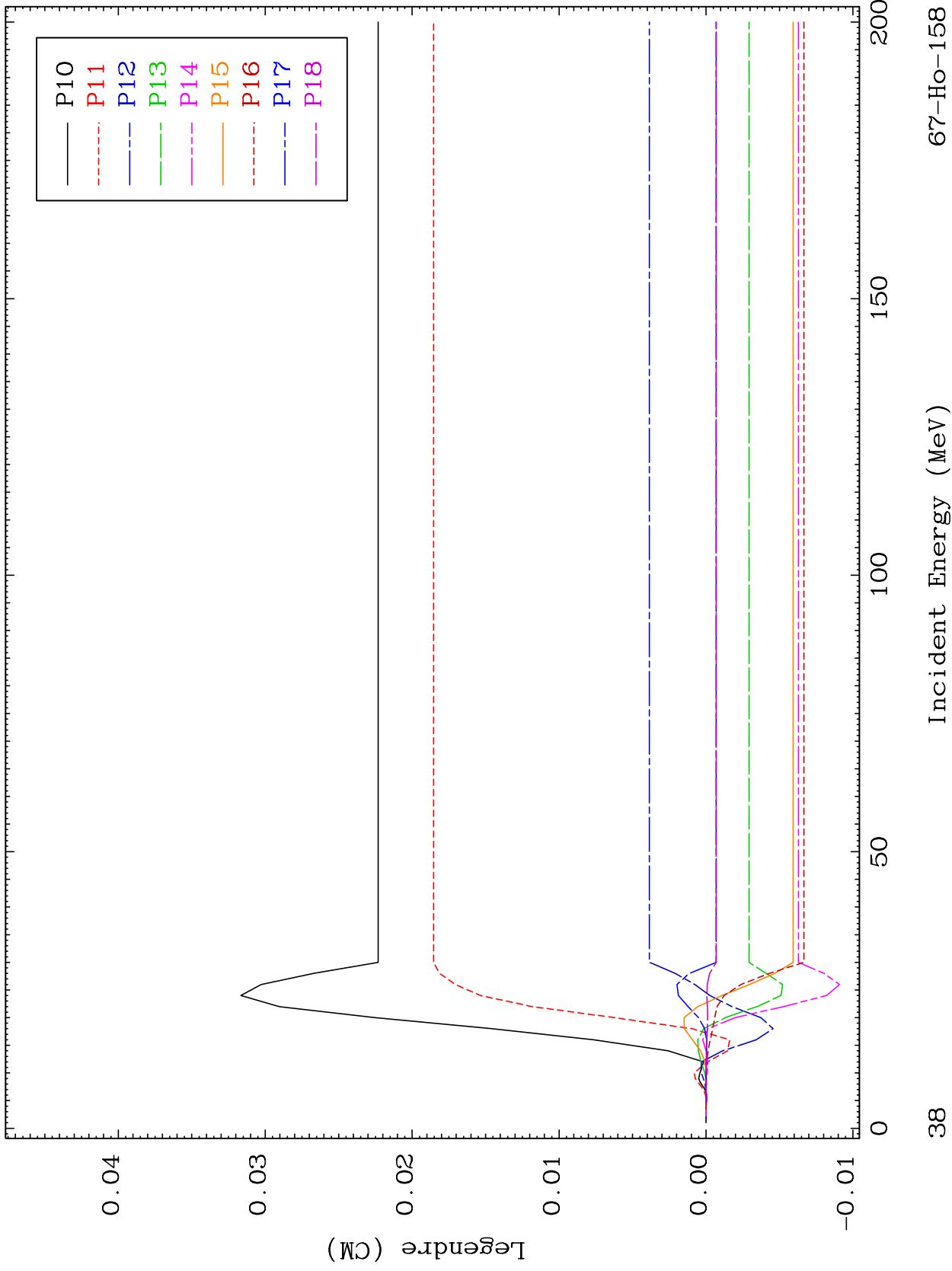
Incident Energy (MeV)

37

MAT 6704

156.9 keV (n,n') Level
Legendre Coefficients

67-Ho-158



38

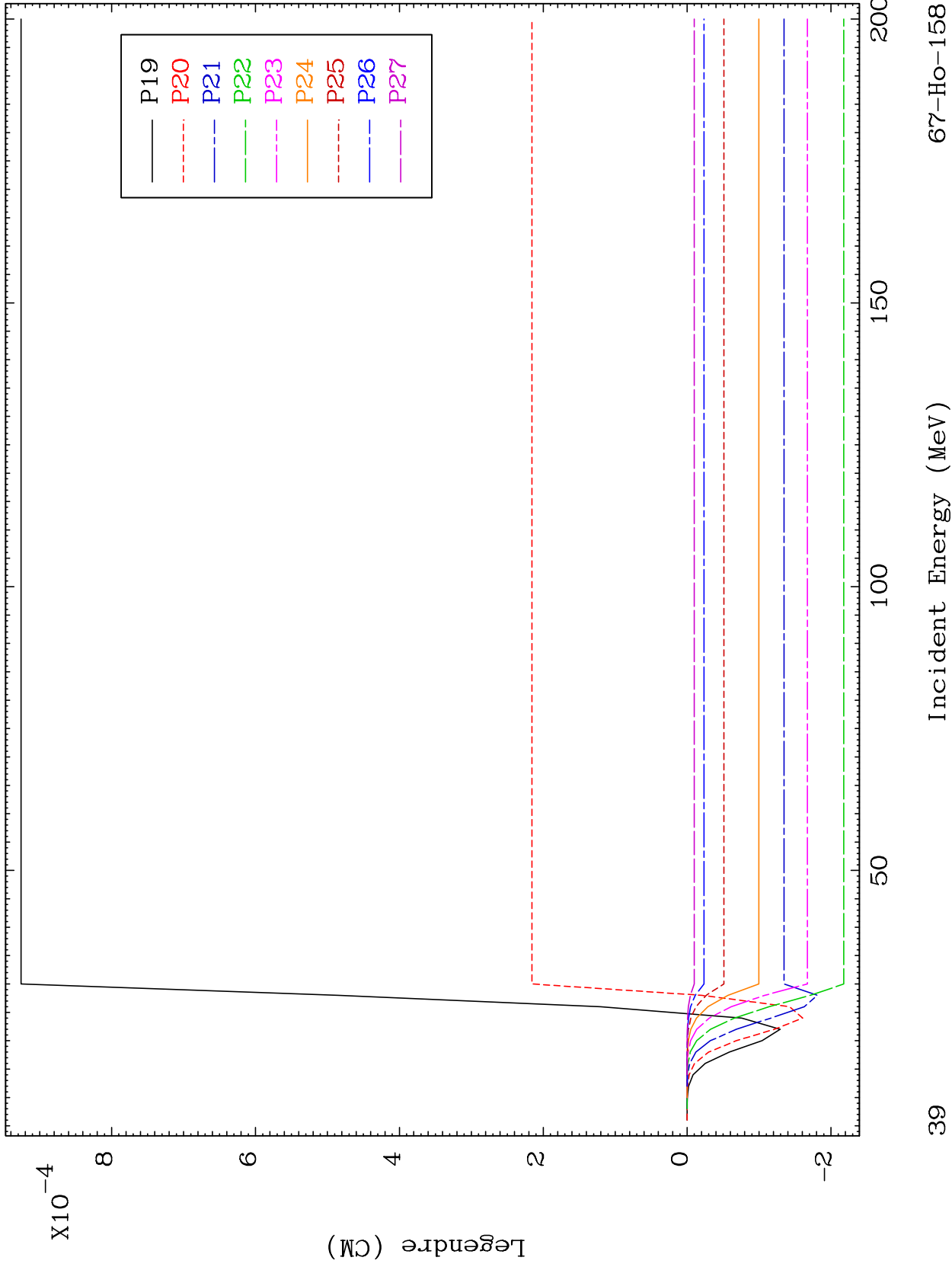
Incident Energy (MeV)

67-Ho-158

MAT 6704

156.9 keV (n,n') Level
Legendre Coefficients

67-Ho-158



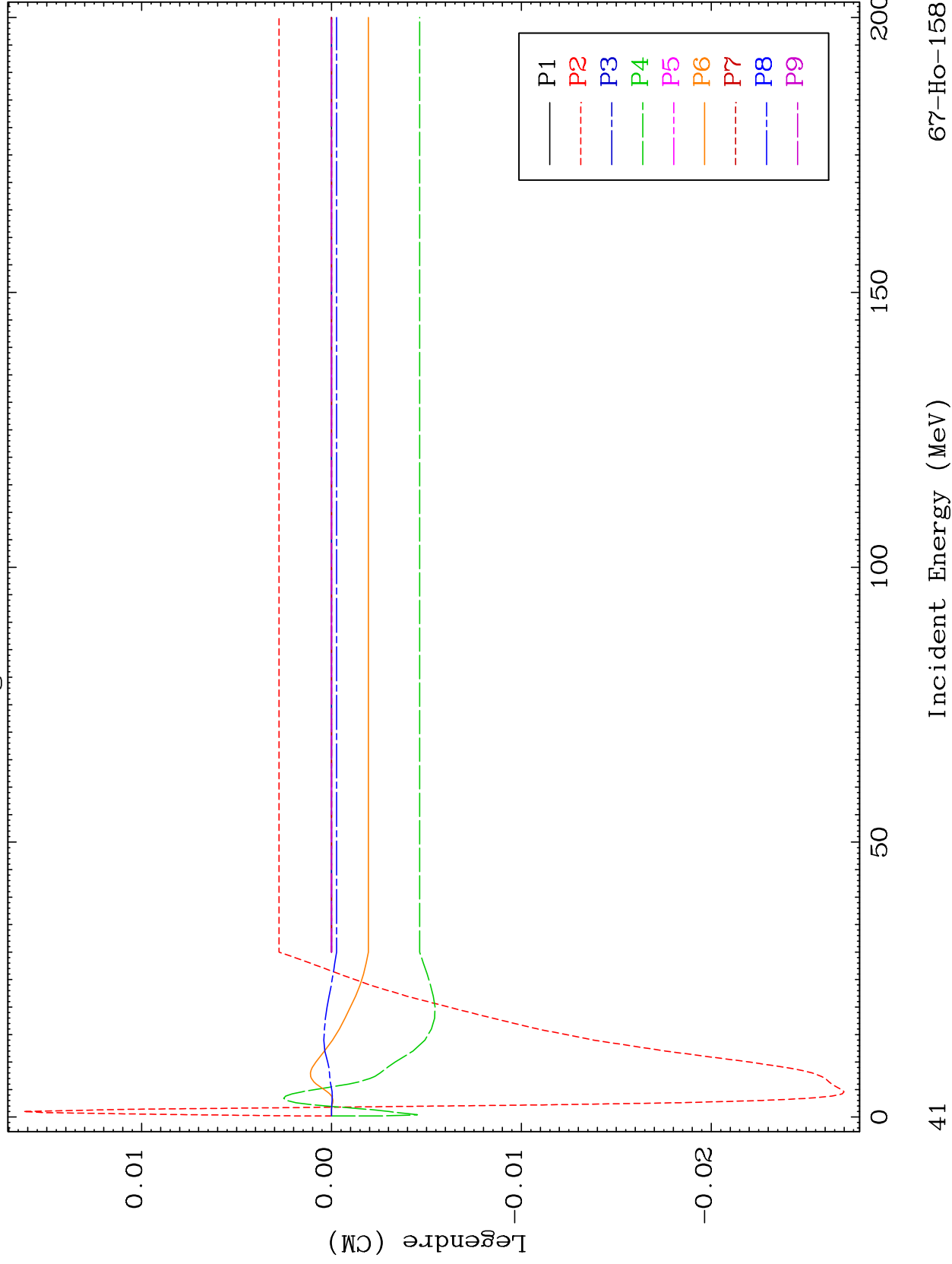
39

67-Ho-158

MAT 6704

180.0 keV (n,n') Level
Legendre Coefficients

67-Ho-158



67-Ho-158

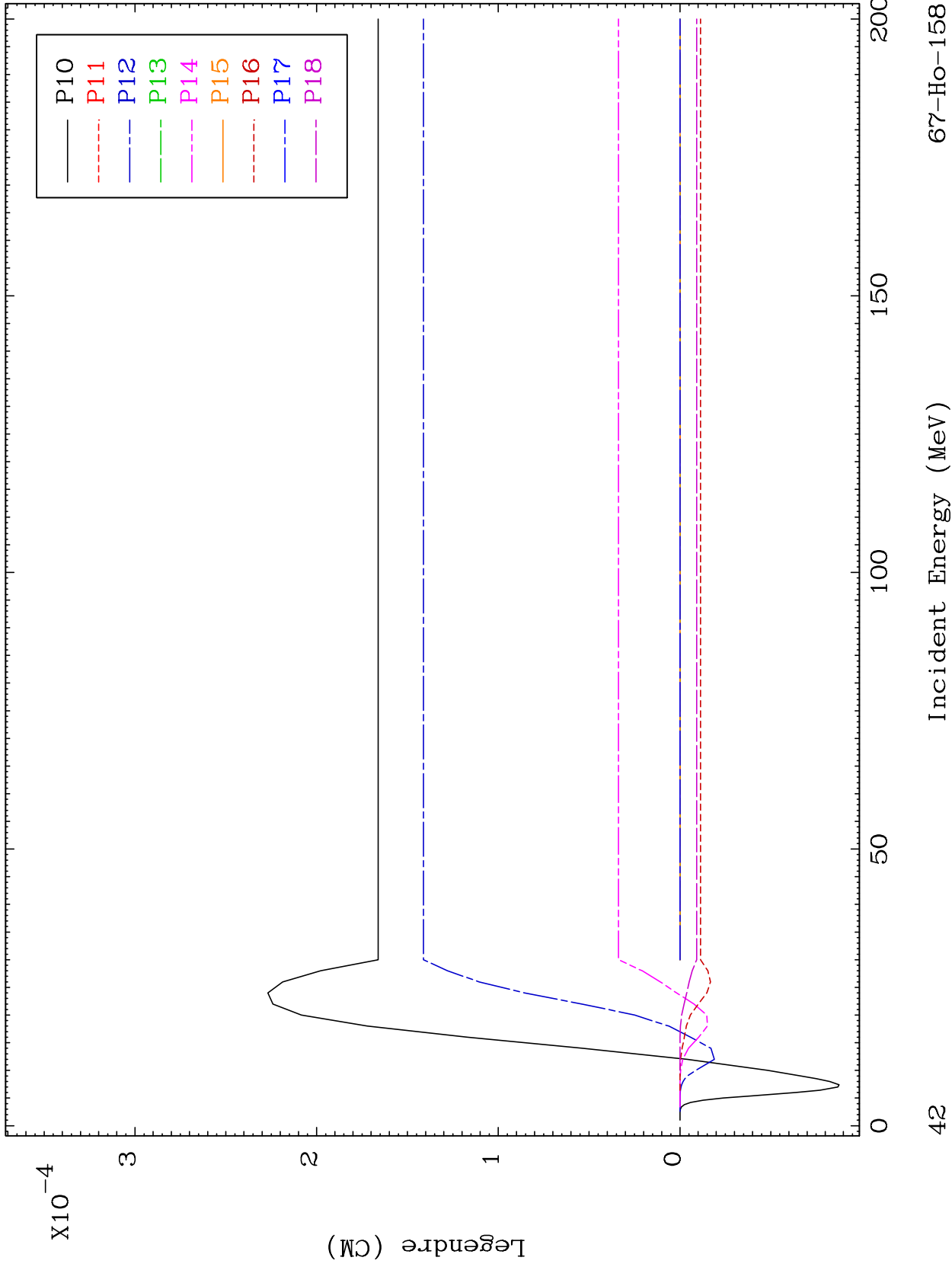
Incident Energy (MeV)

41

MAT 6704

180.0 keV (n,n') Level
Legendre Coefficients

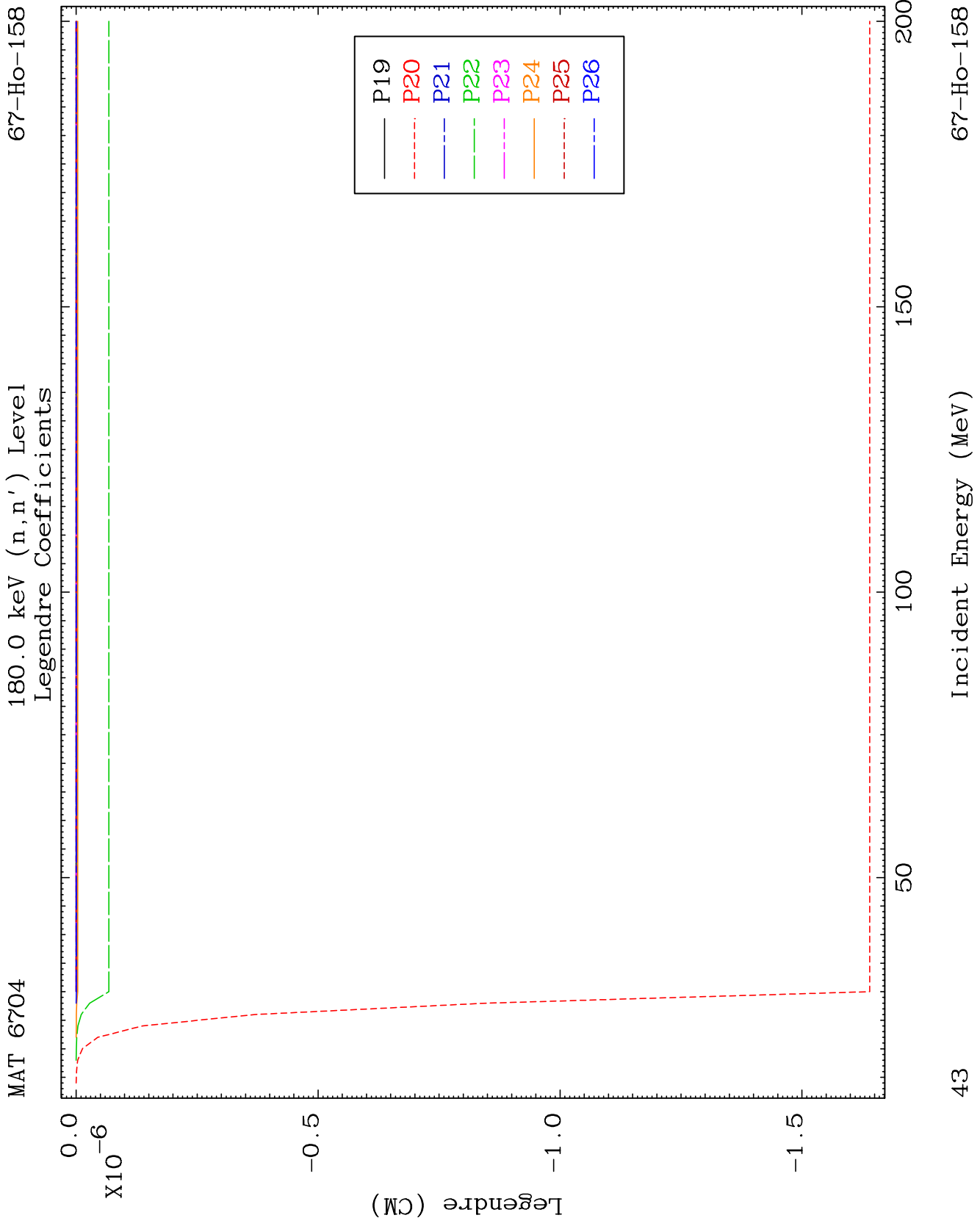
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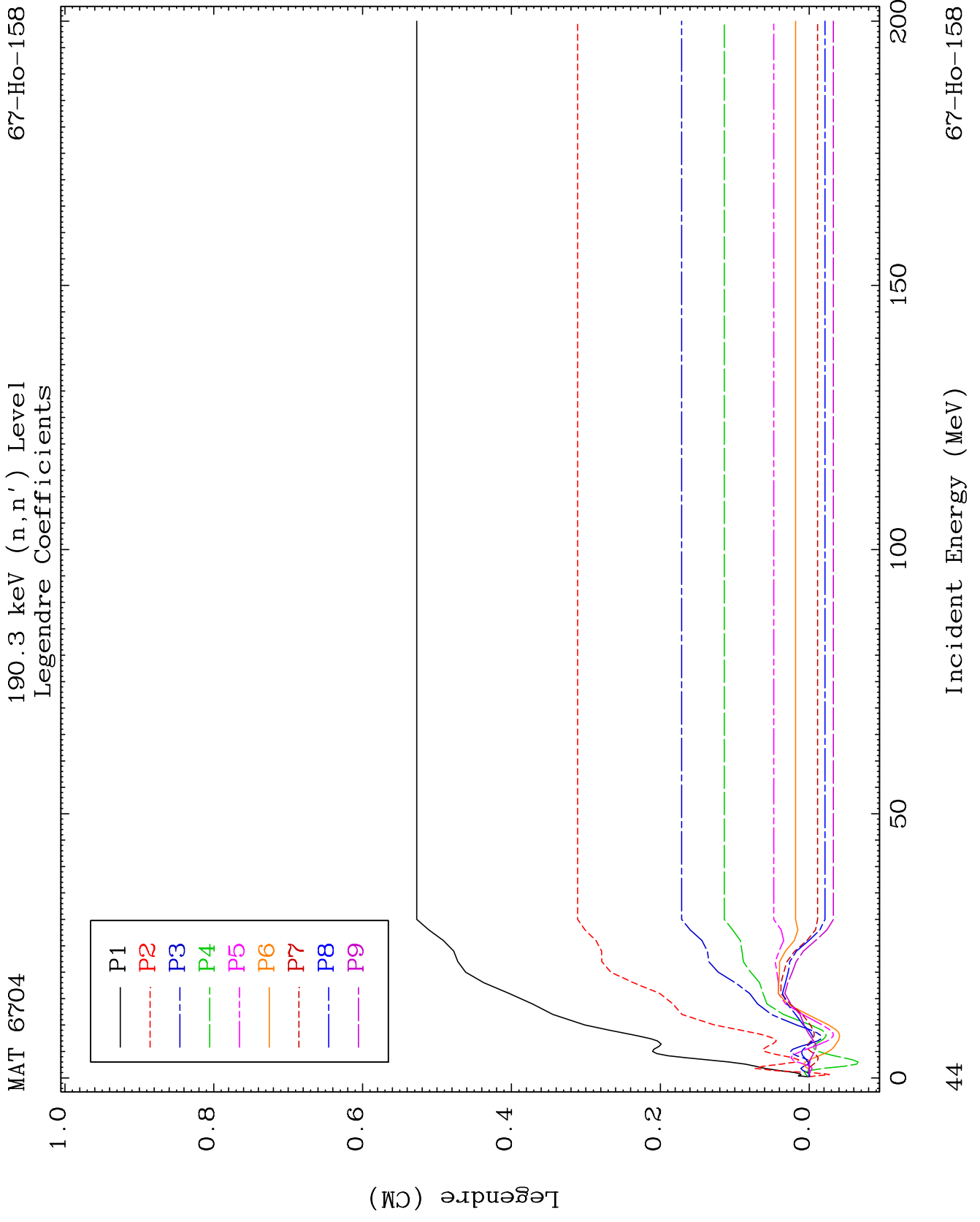


67-Ho-158

Incident Energy (MeV)

42

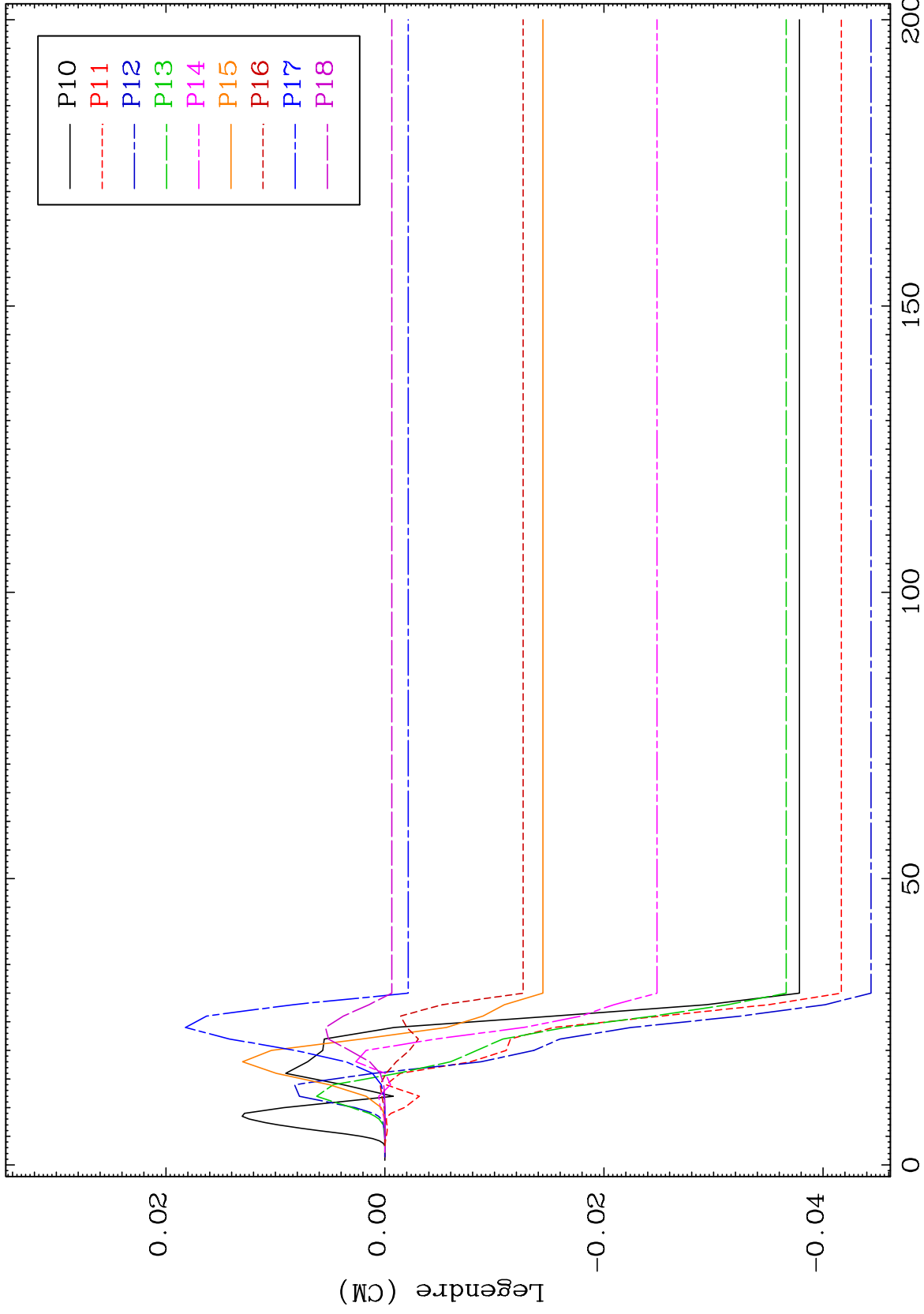




MAT 6704

190.3 keV (n,n') Level
Legendre Coefficients

67-Ho-158



45

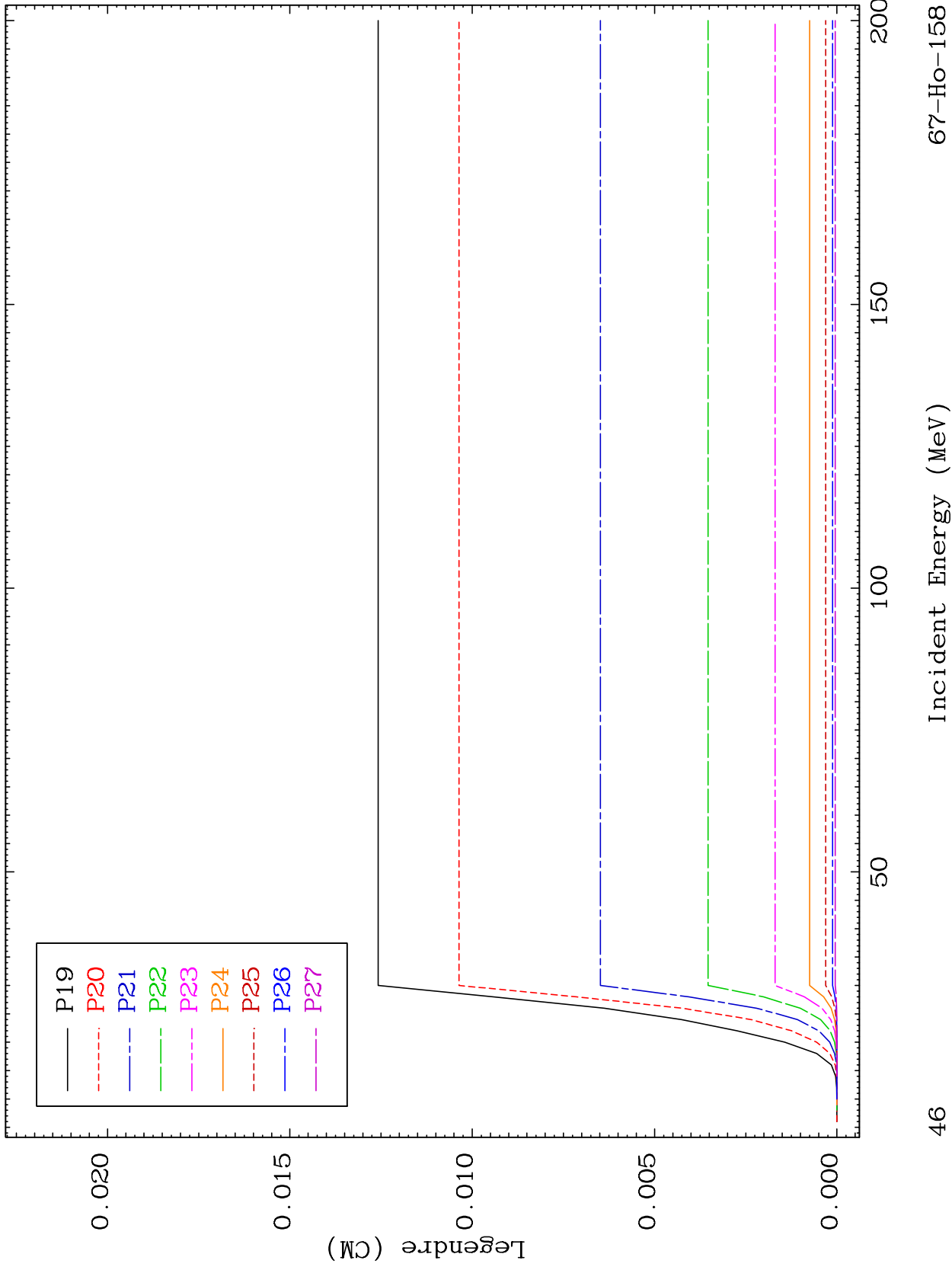
Incident Energy (MeV)

67-Ho-158

MAT 6704

190.3 keV (n, n') Level
Legendre Coefficients

67-Ho-158



46

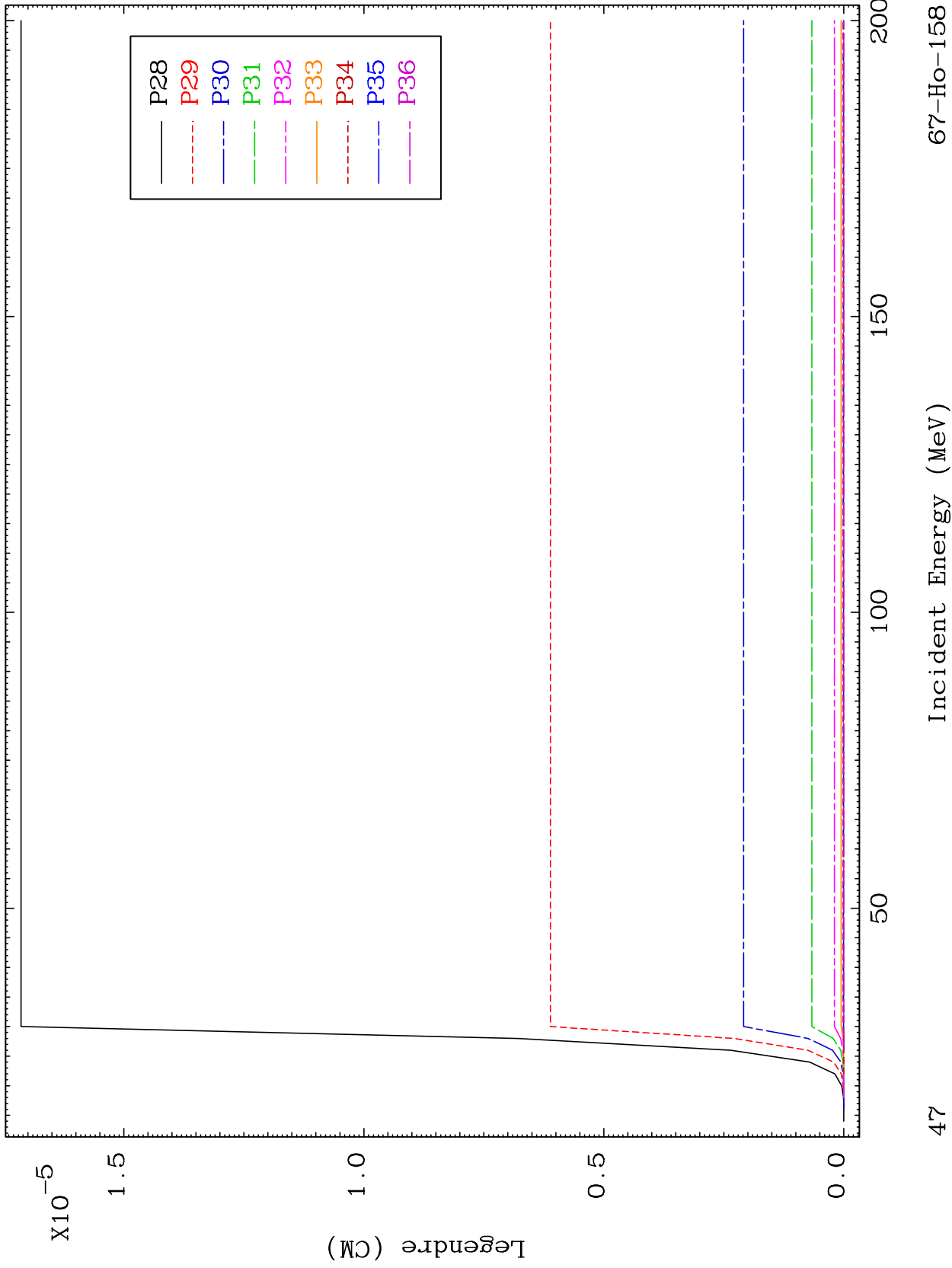
Incident Energy (MeV)

67-Ho-158

MAT 6704

190.3 keV (n,n') Level
Legendre Coefficients

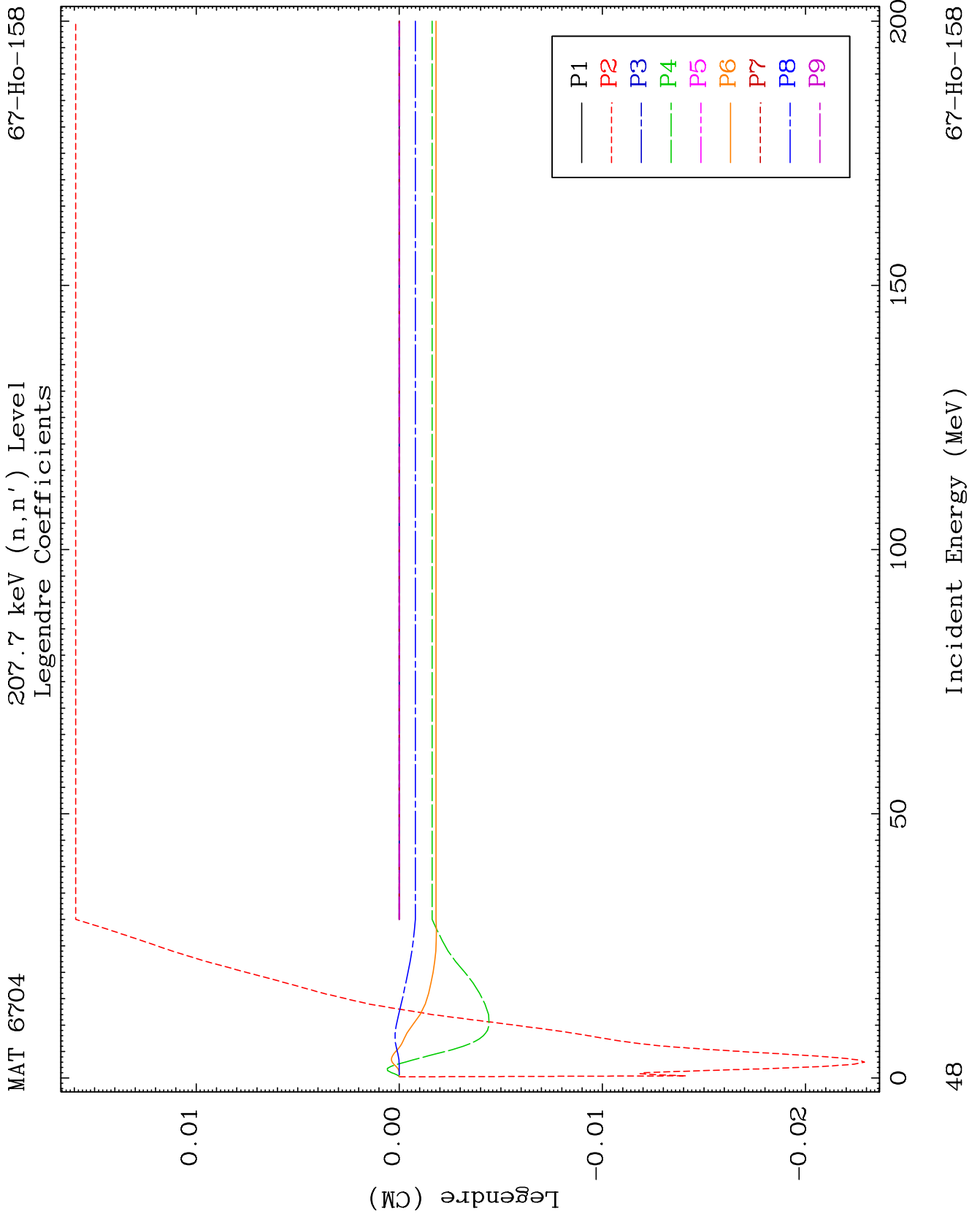
67-Ho-158



47

Incident Energy (MeV)

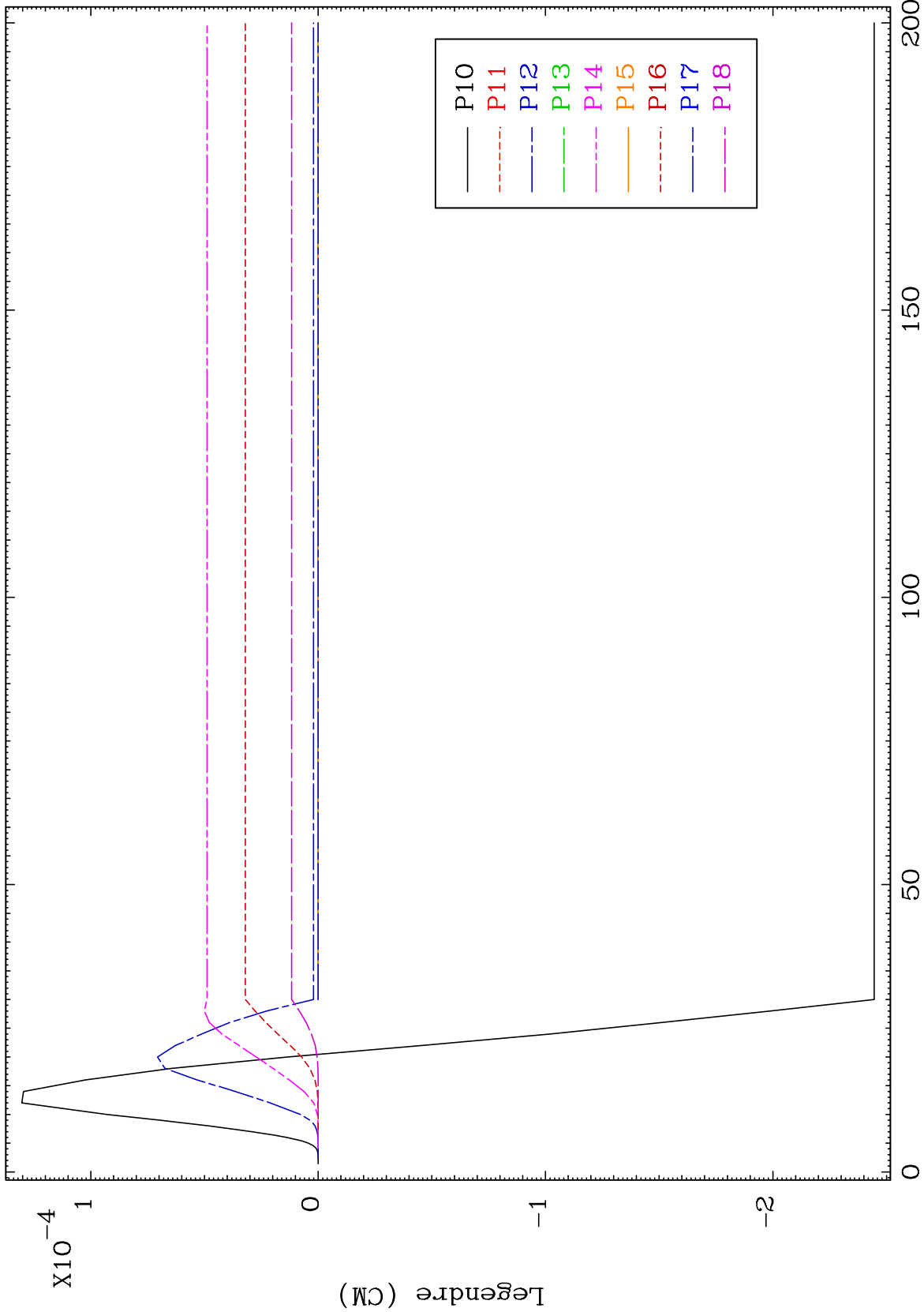
67-Ho-158



MAT 6704

207.7 keV (n,n') Level
Legendre Coefficients

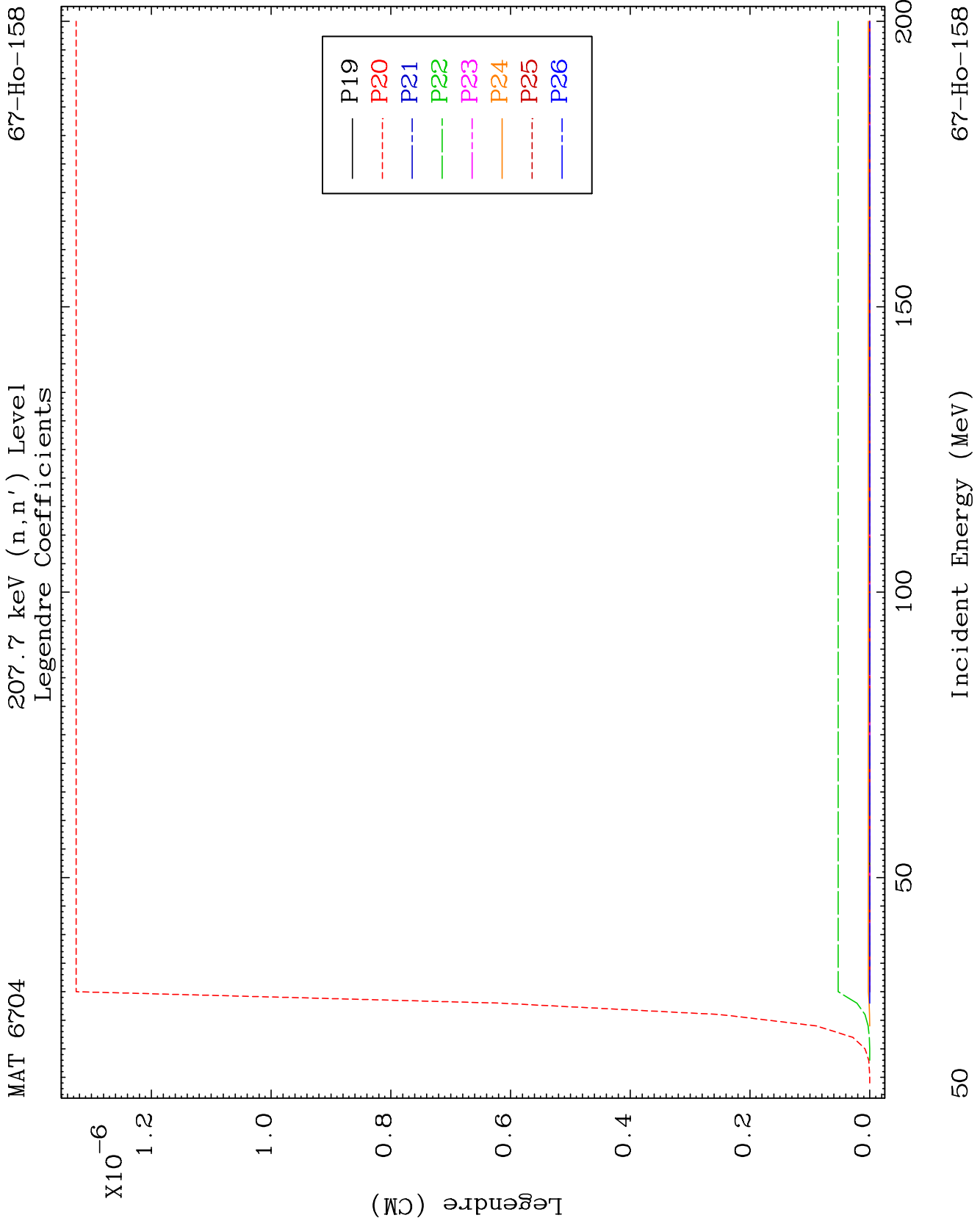
67-Ho-158



49

Incident Energy (MeV)

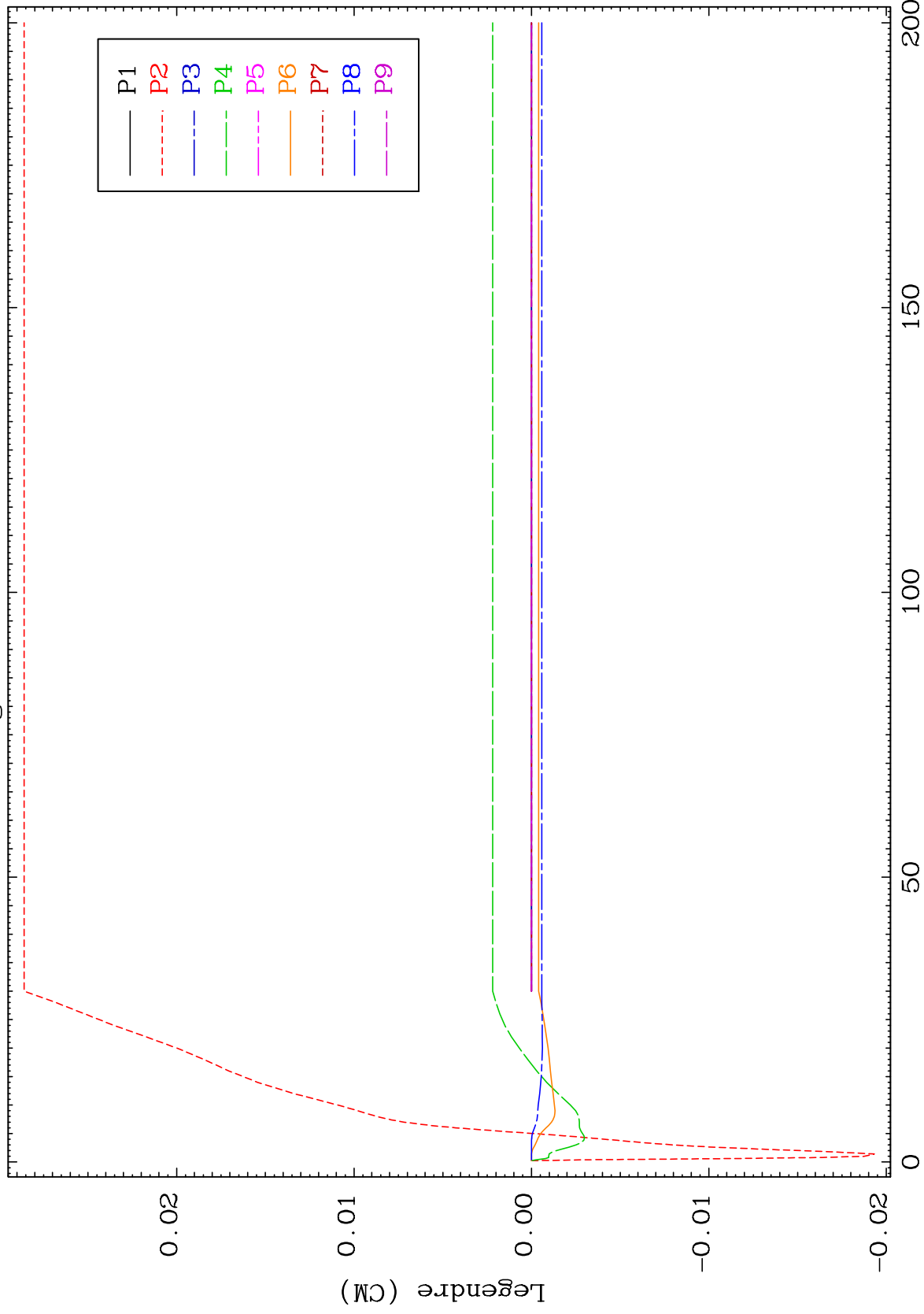
67-Ho-158



MAT 6704

225.0 keV (n,n') Level
Legendre Coefficients

67-Ho-158



67-Ho-158

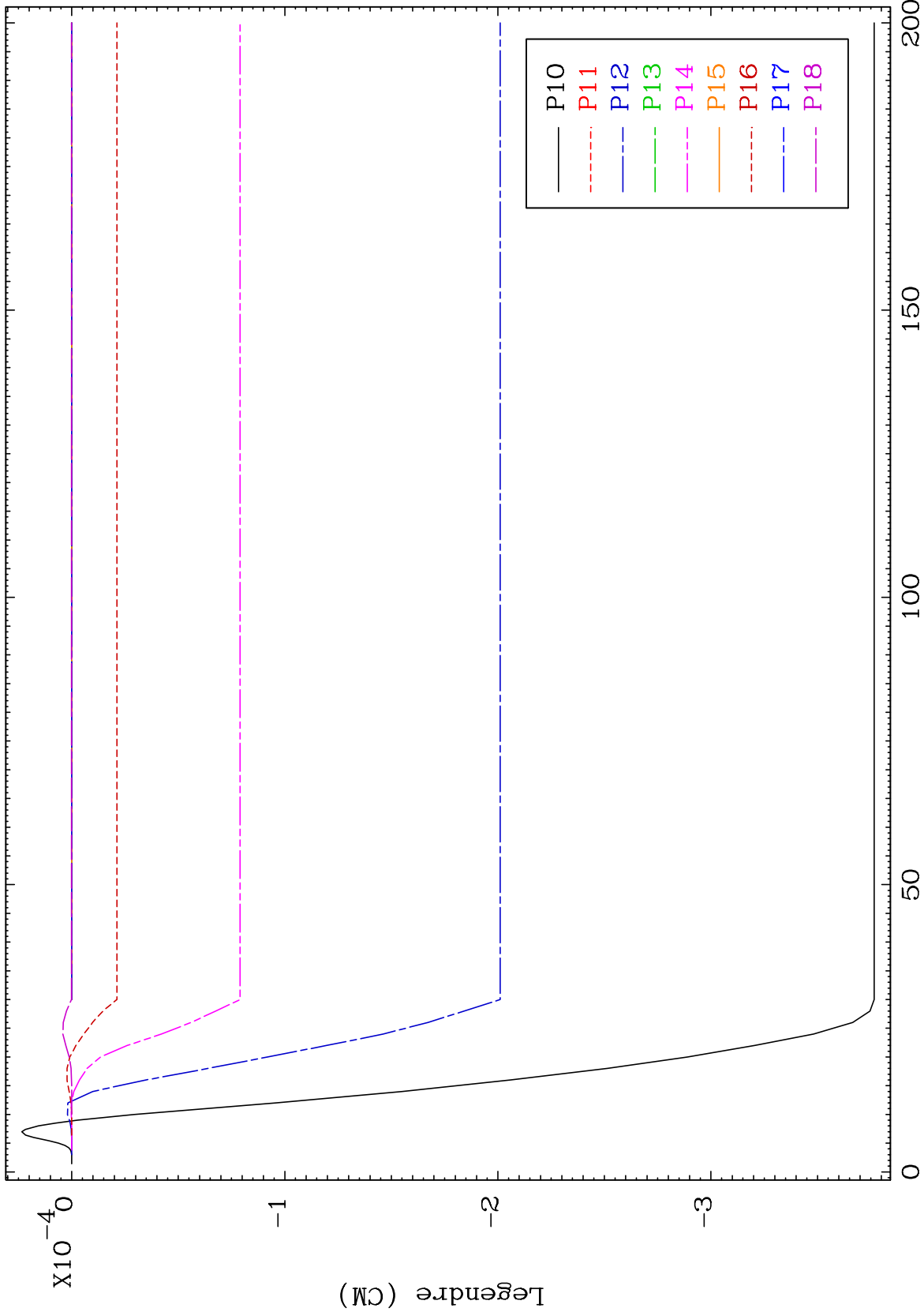
Incident Energy (MeV)

51

MAT 6704

225.0 keV (n,n') Level
Legendre Coefficients

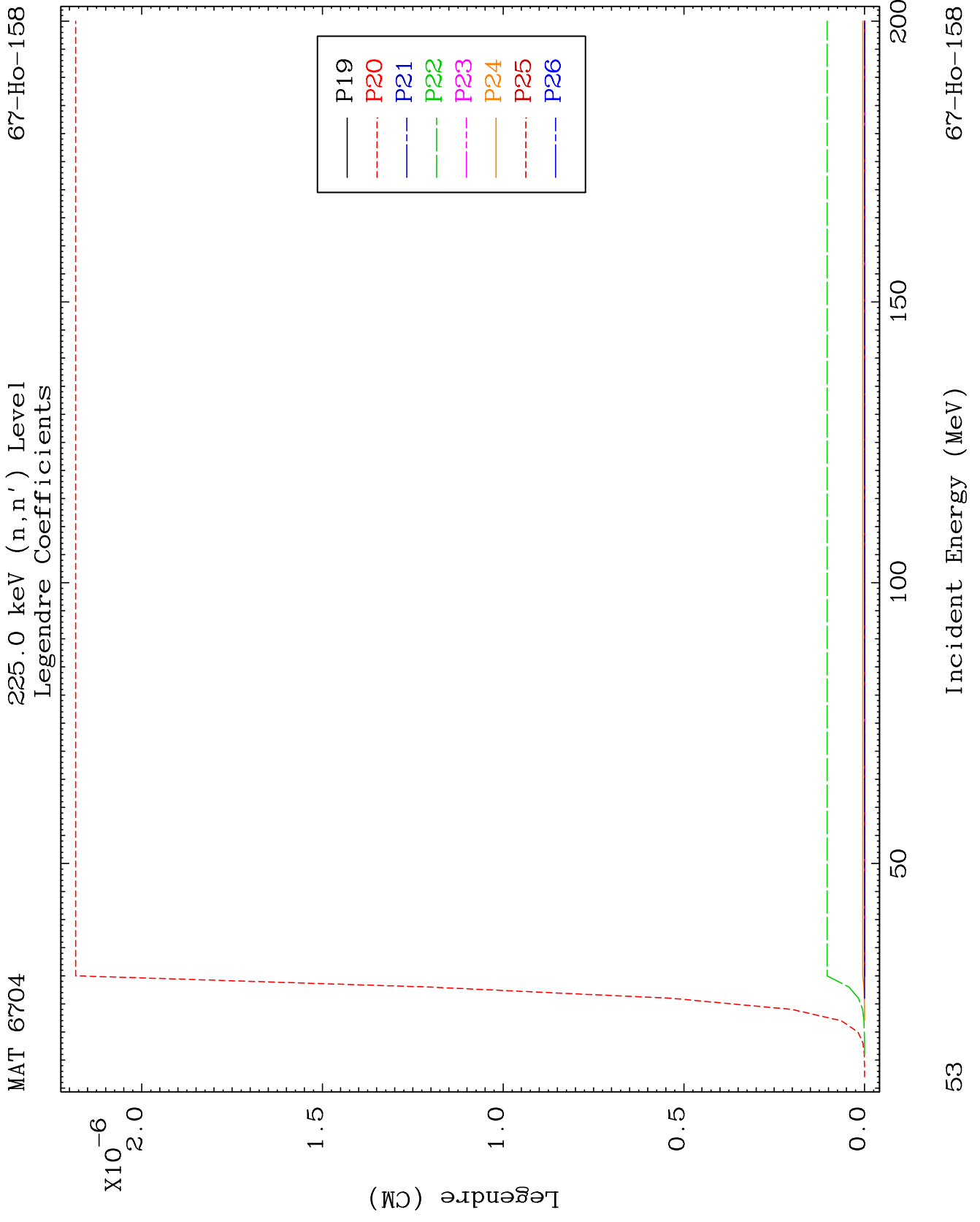
67-Ho-158



52

Incident Energy (MeV)

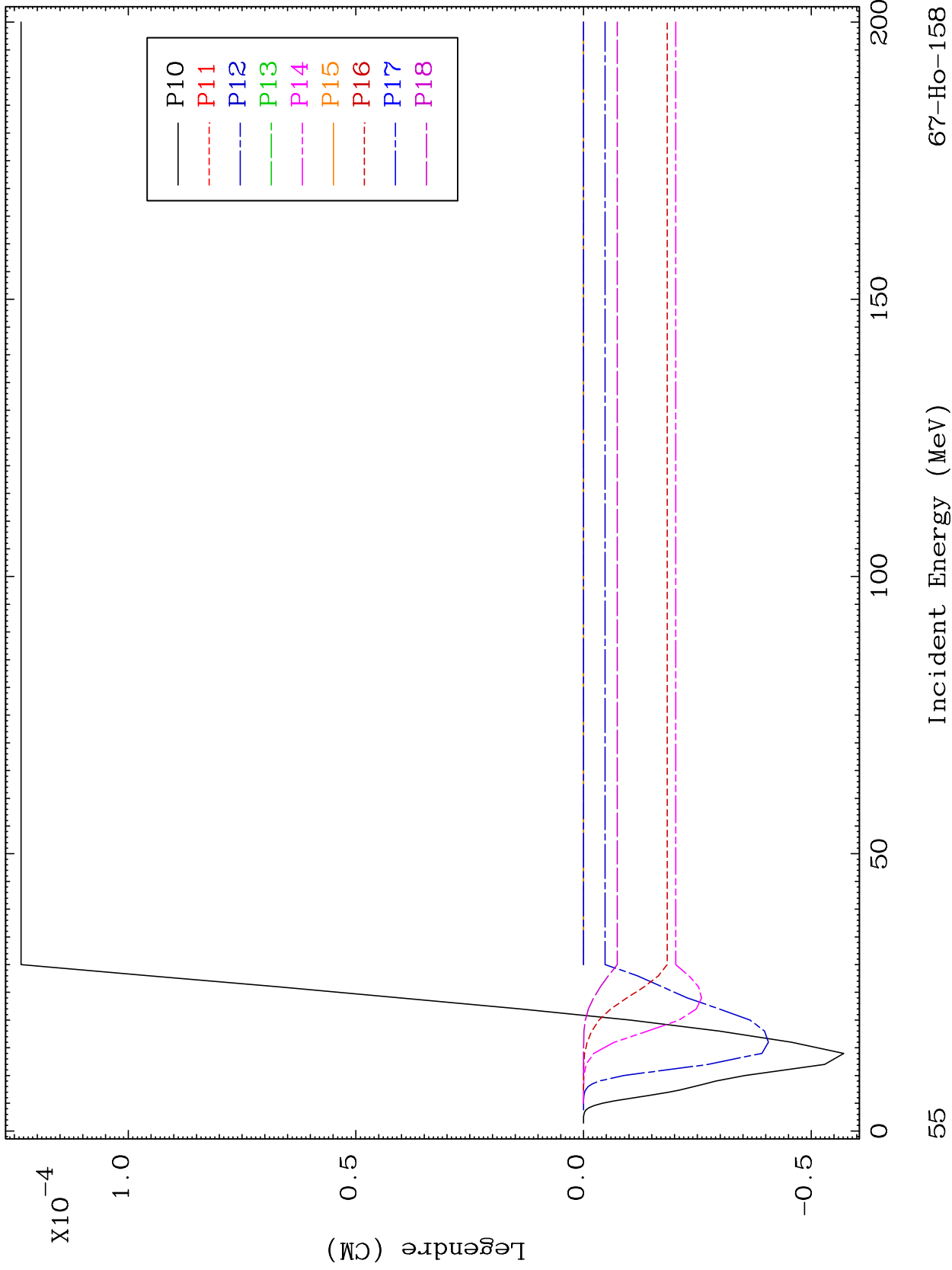
67-Ho-158



MAT 6704

227.8 keV (n,n') Level
Legendre Coefficients

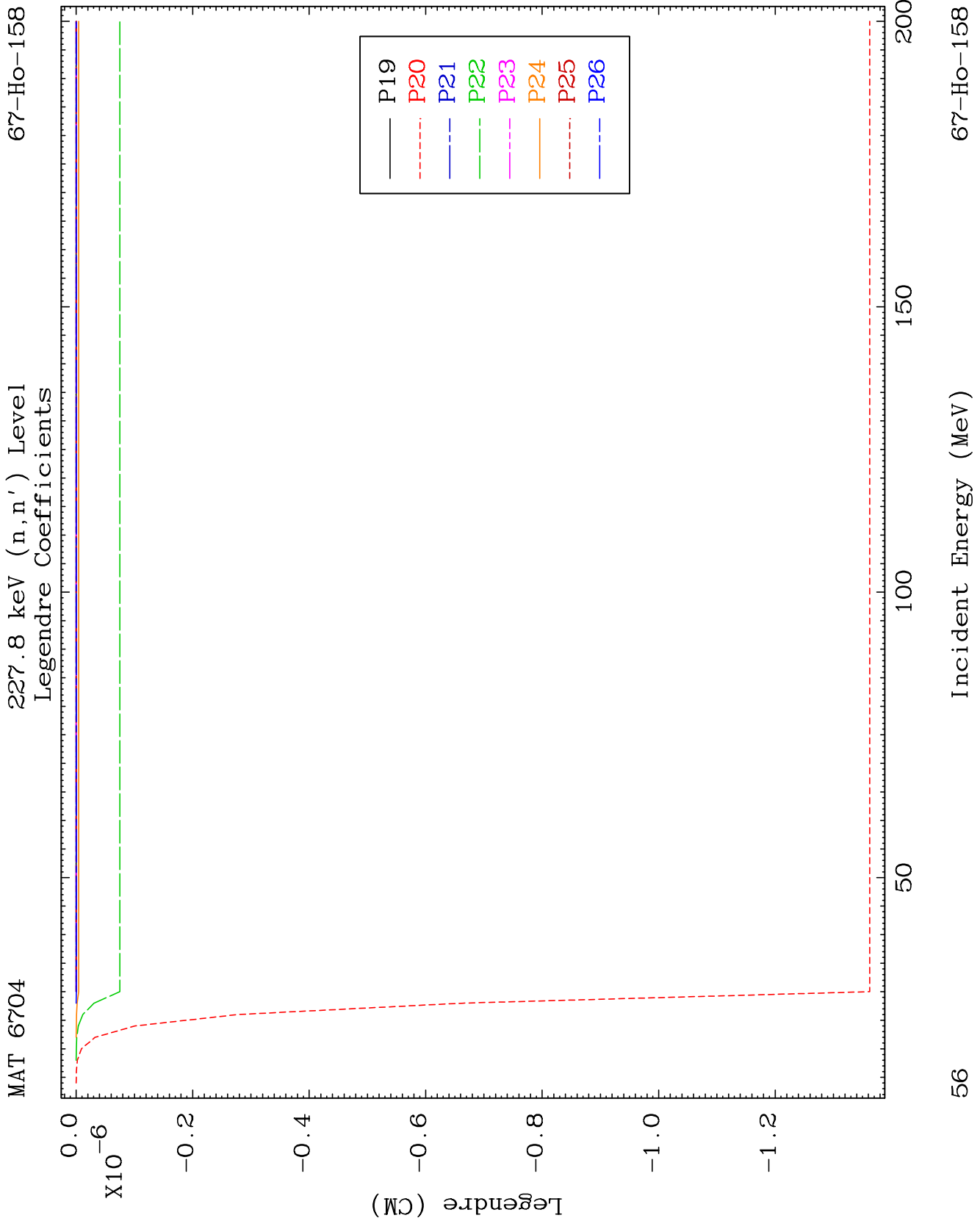
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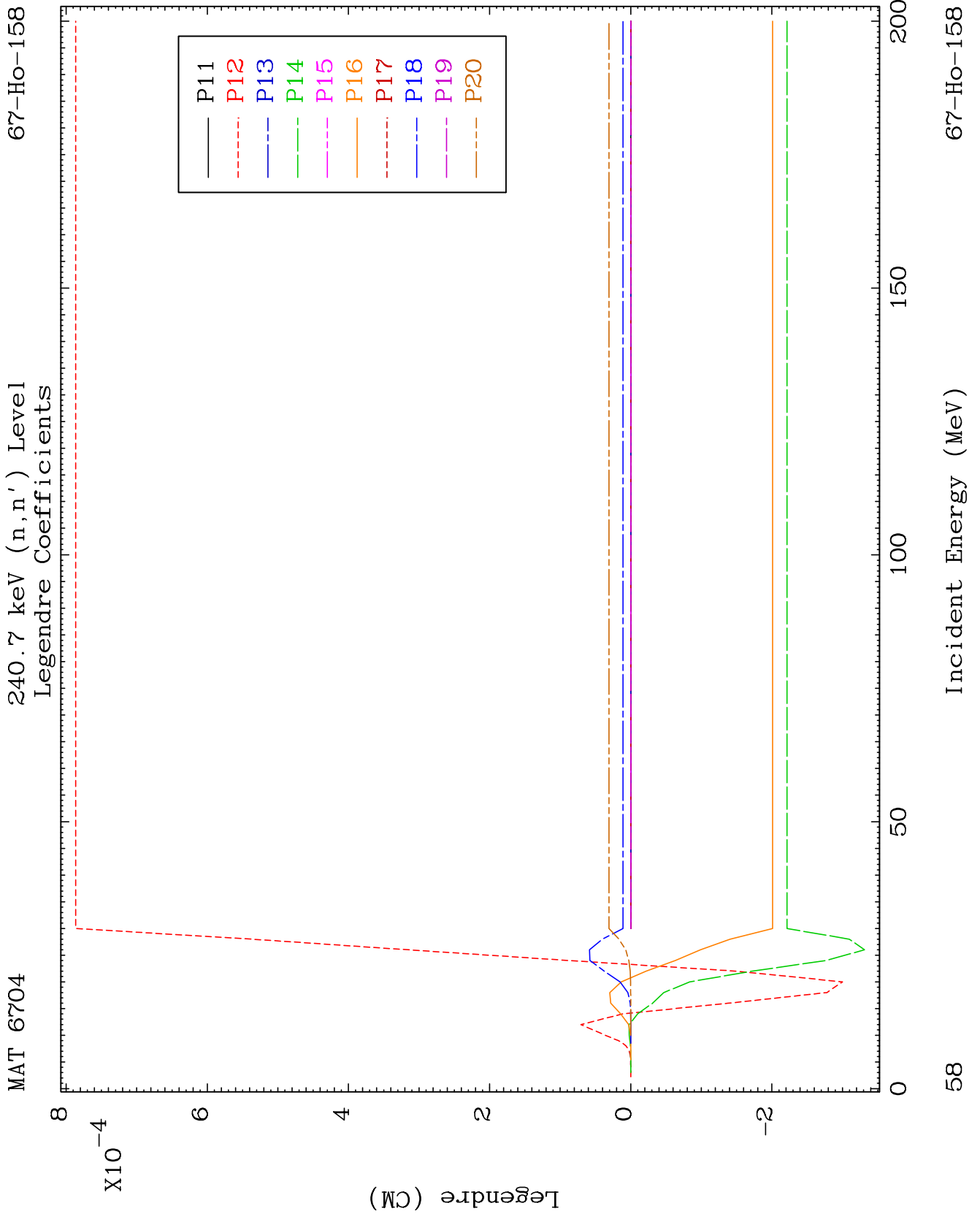


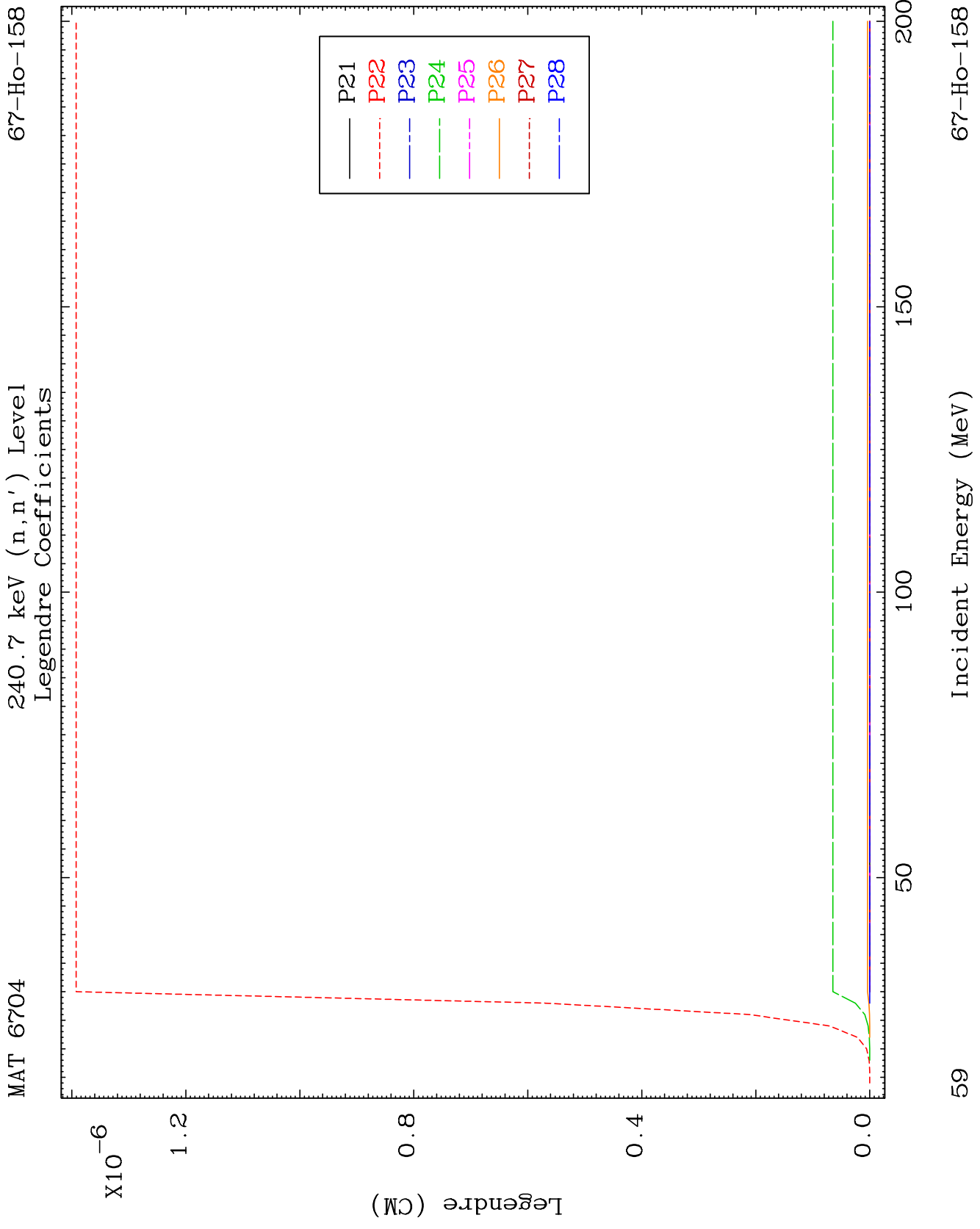
67-Ho-158

Incident Energy (MeV)

55



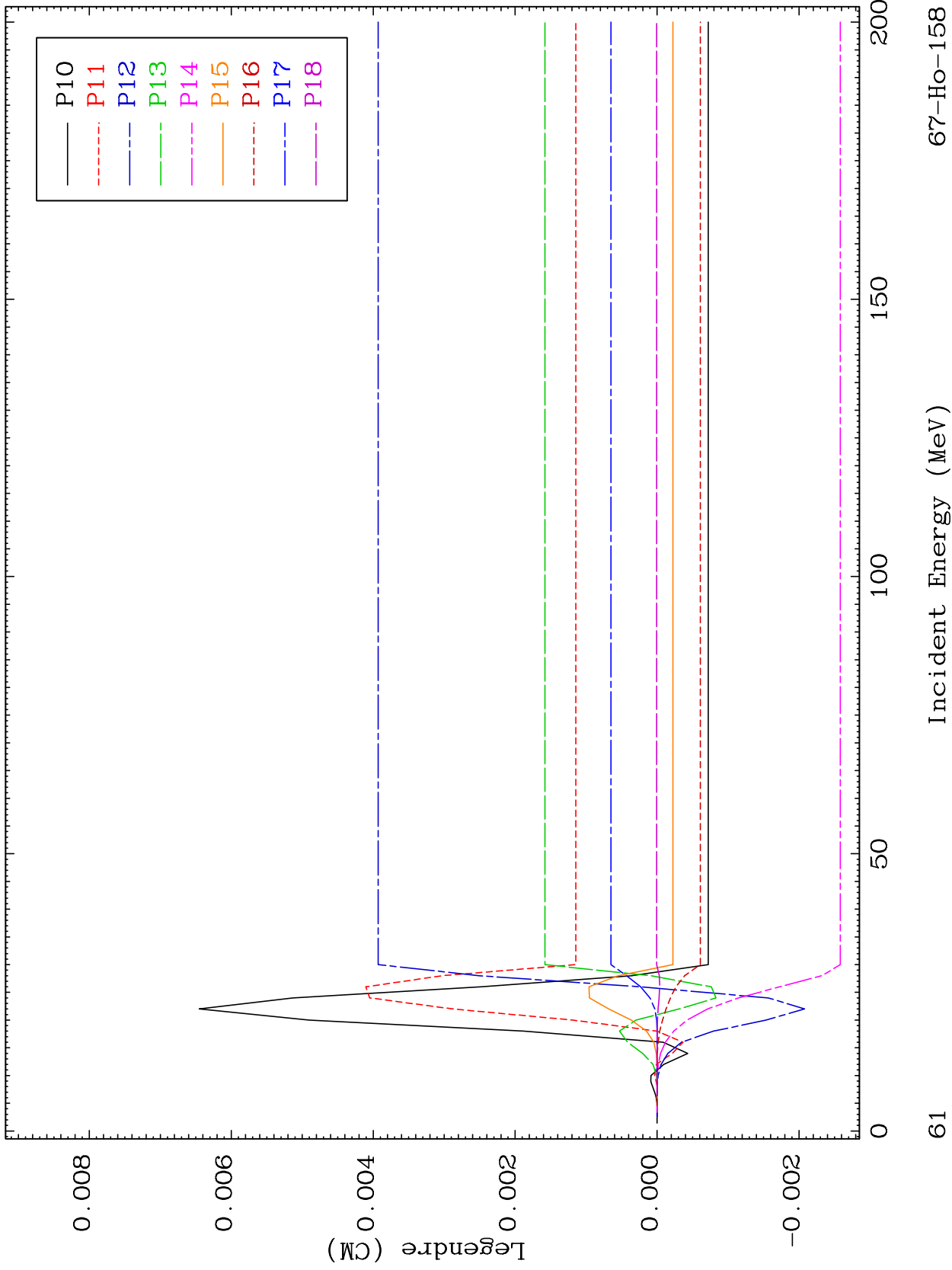




MAT 6704

278.5 keV (n,n') Level
Legendre Coefficients

67-Ho-158



67-Ho-158

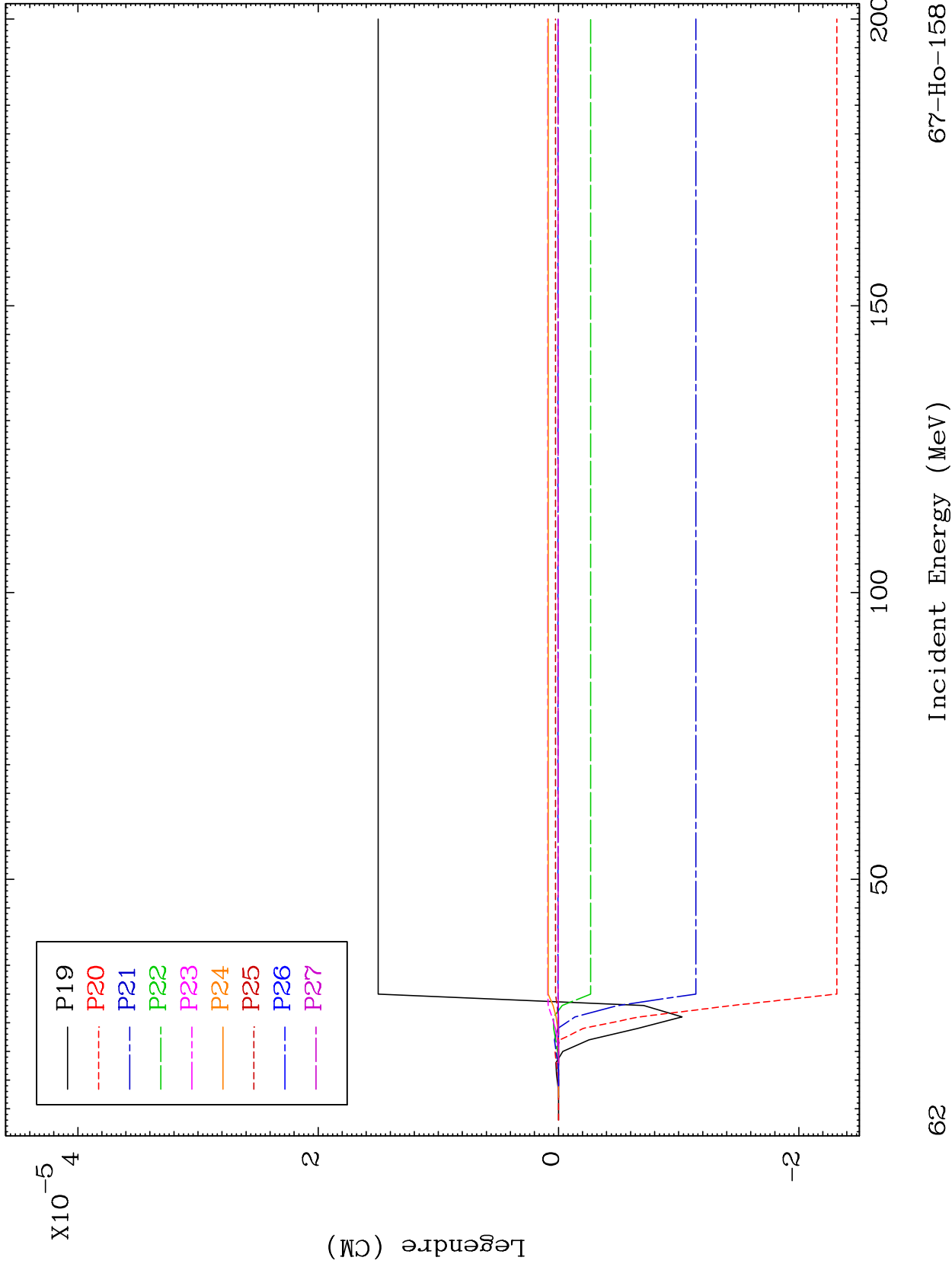
Incident Energy (MeV)

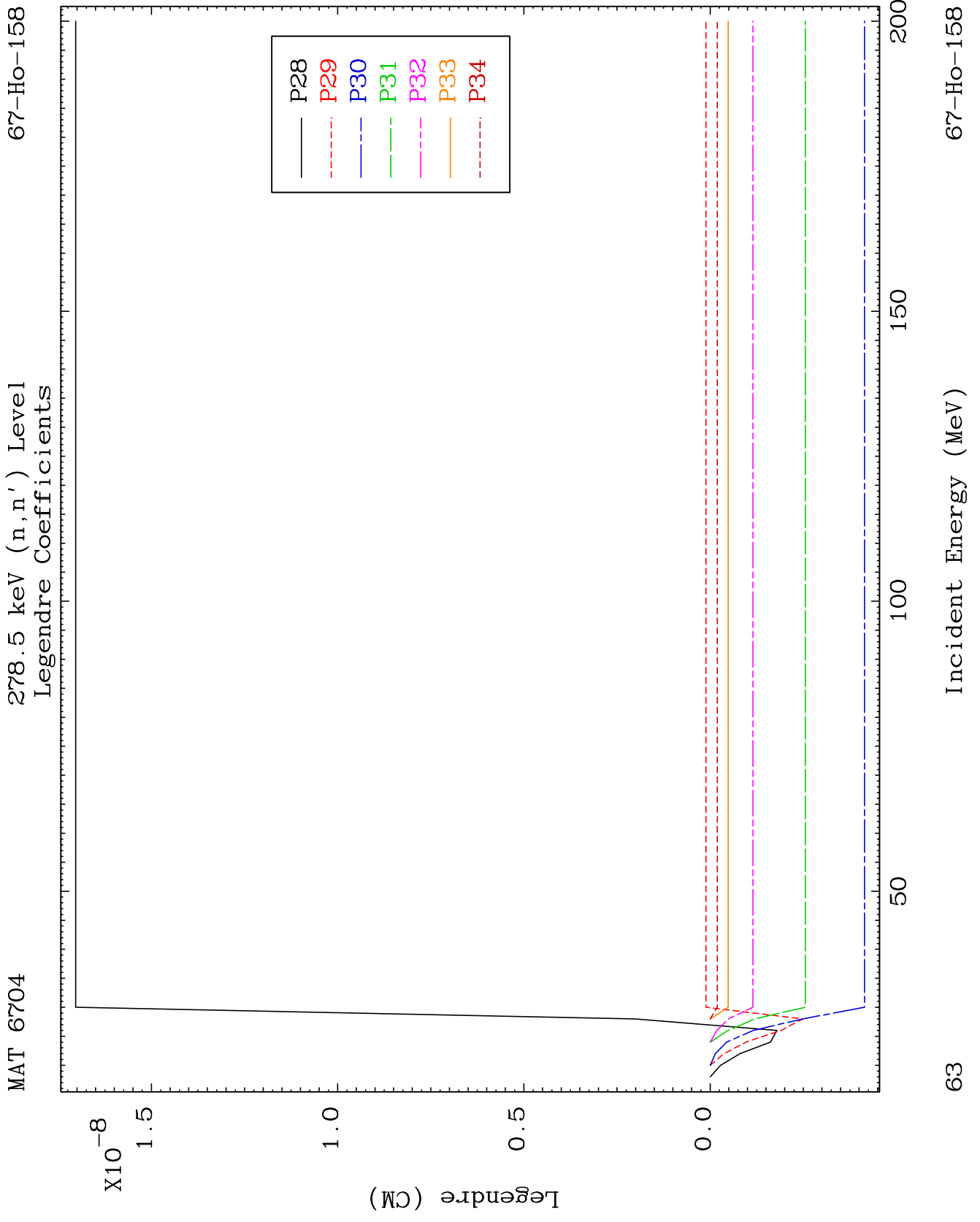
61

MAT 6704

278.5 keV (n,n') Level
Legendre Coefficients

67-Ho-158

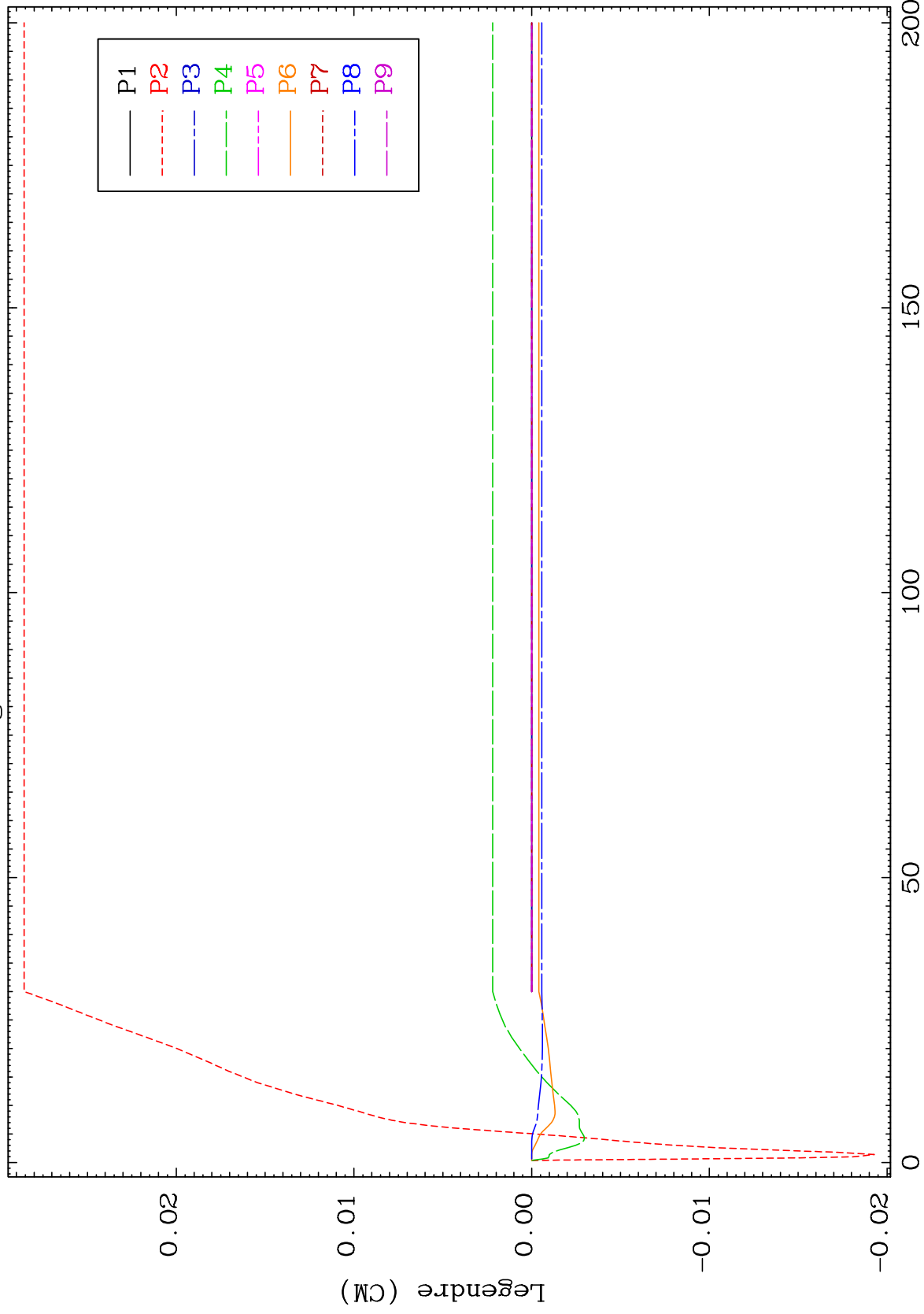




MAT 6704

303.8 keV (n, n') Level
Legendre Coefficients

67-Ho-158



64

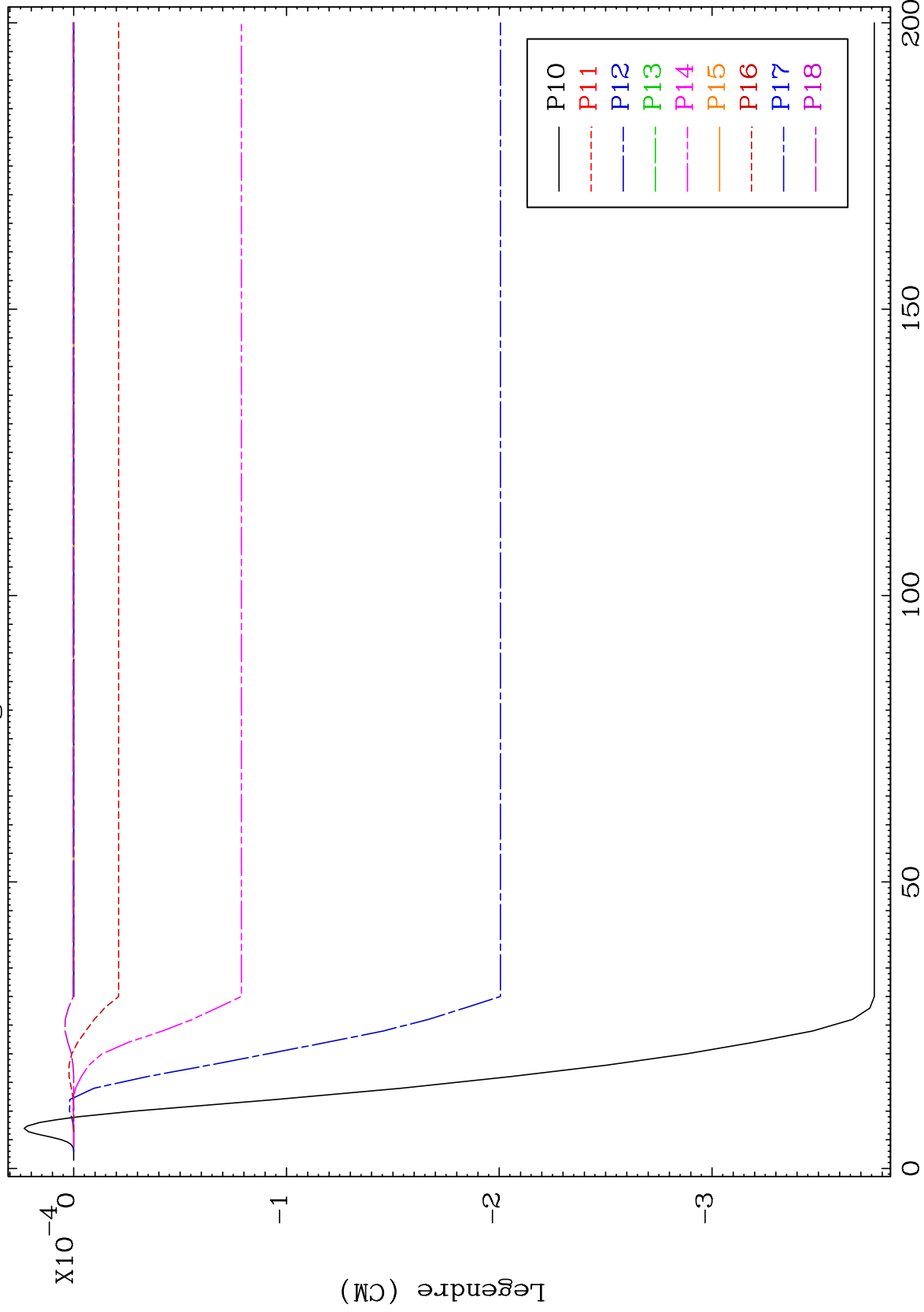
Incident Energy (MeV)

67-Ho-158

MAT 6704

303.8 keV (n,n') Level
Legendre Coefficients

67-Ho-158



65

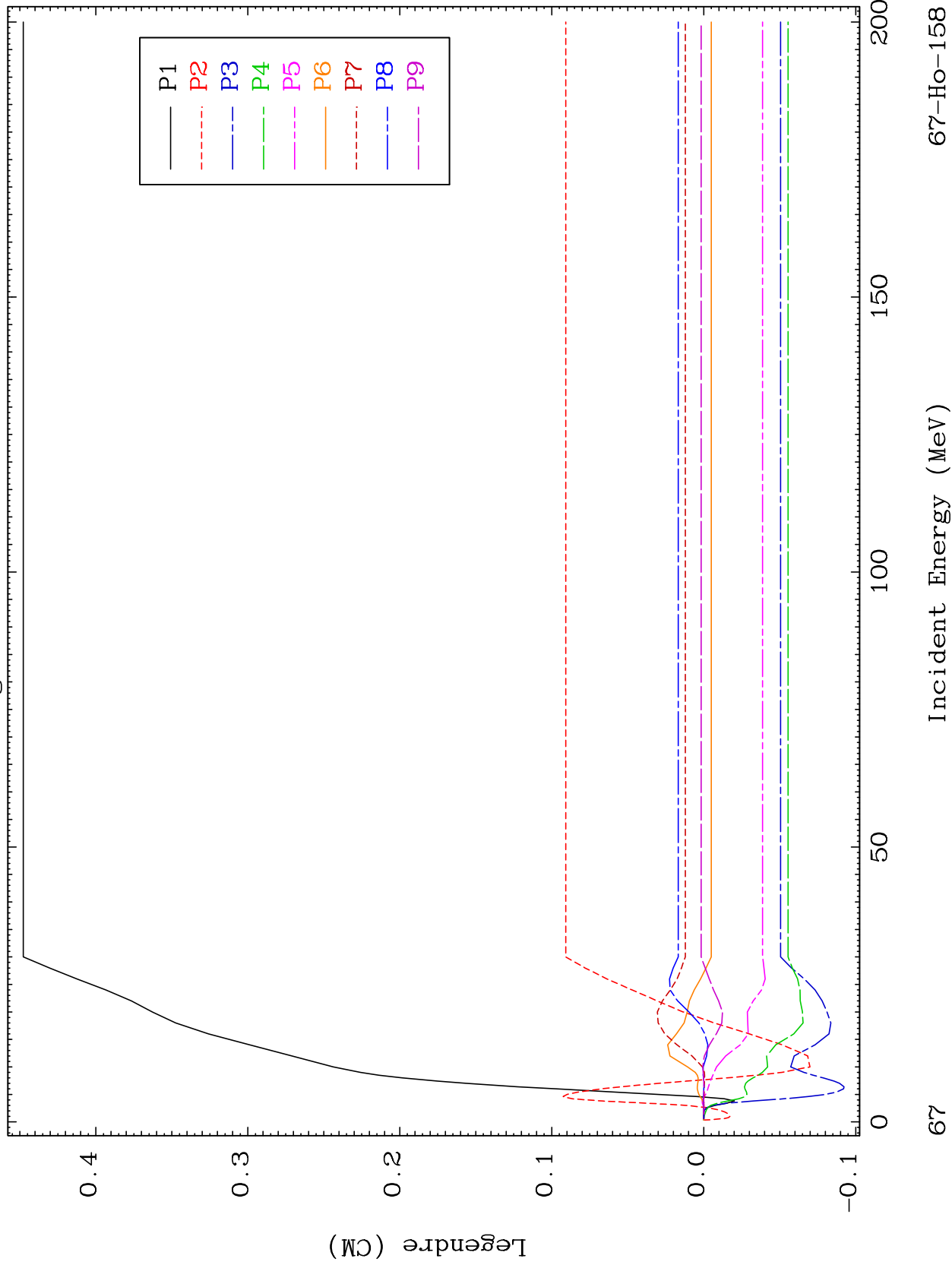
Incident Energy (MeV)

67-Ho-158

MAT 6704

328.4 keV (n,n') Level
Legendre Coefficients

67-Ho-158



67-Ho-158

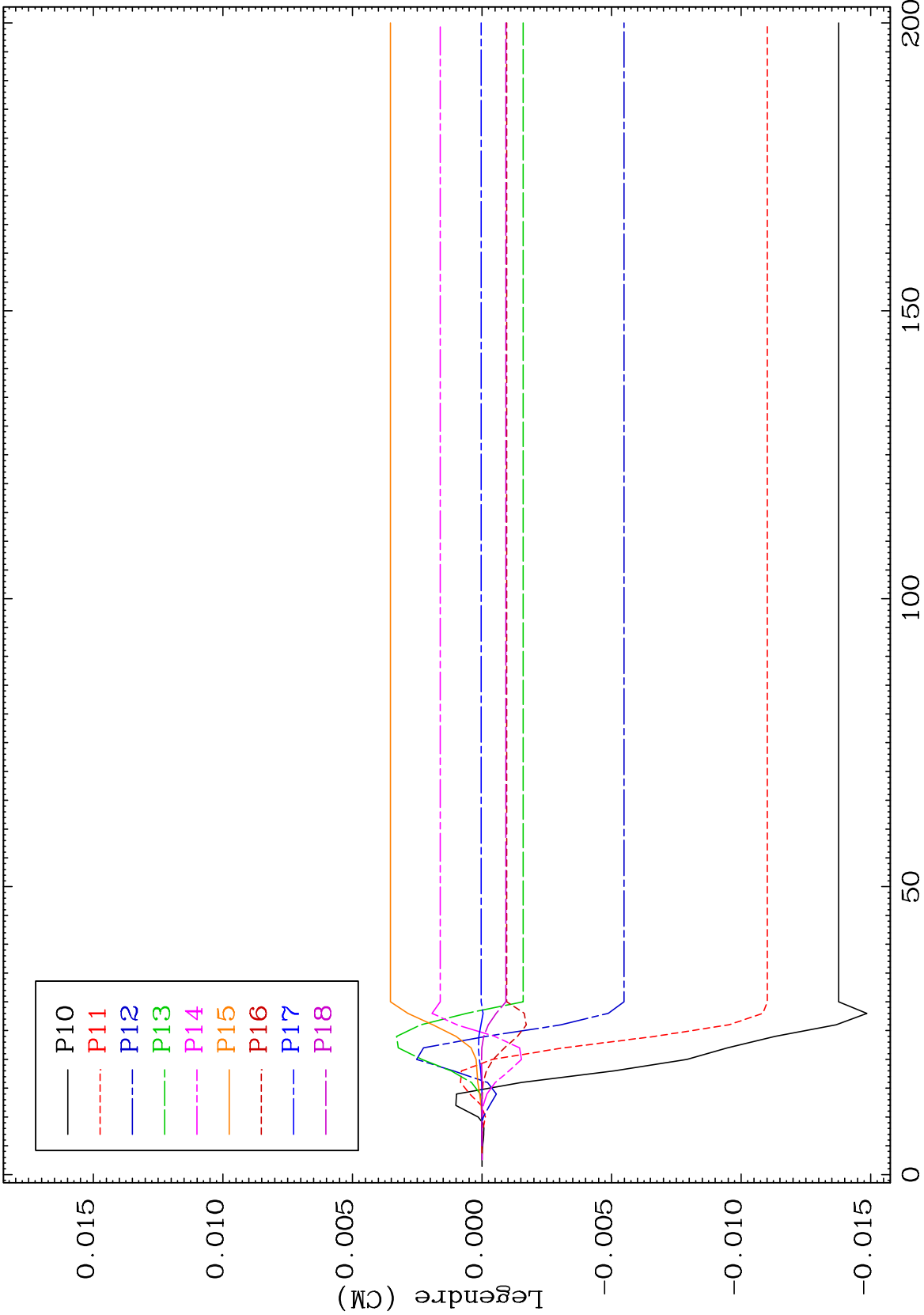
Incident Energy (MeV)

67

MAT 6704

328.4 keV (n,n') Level
Legendre Coefficients

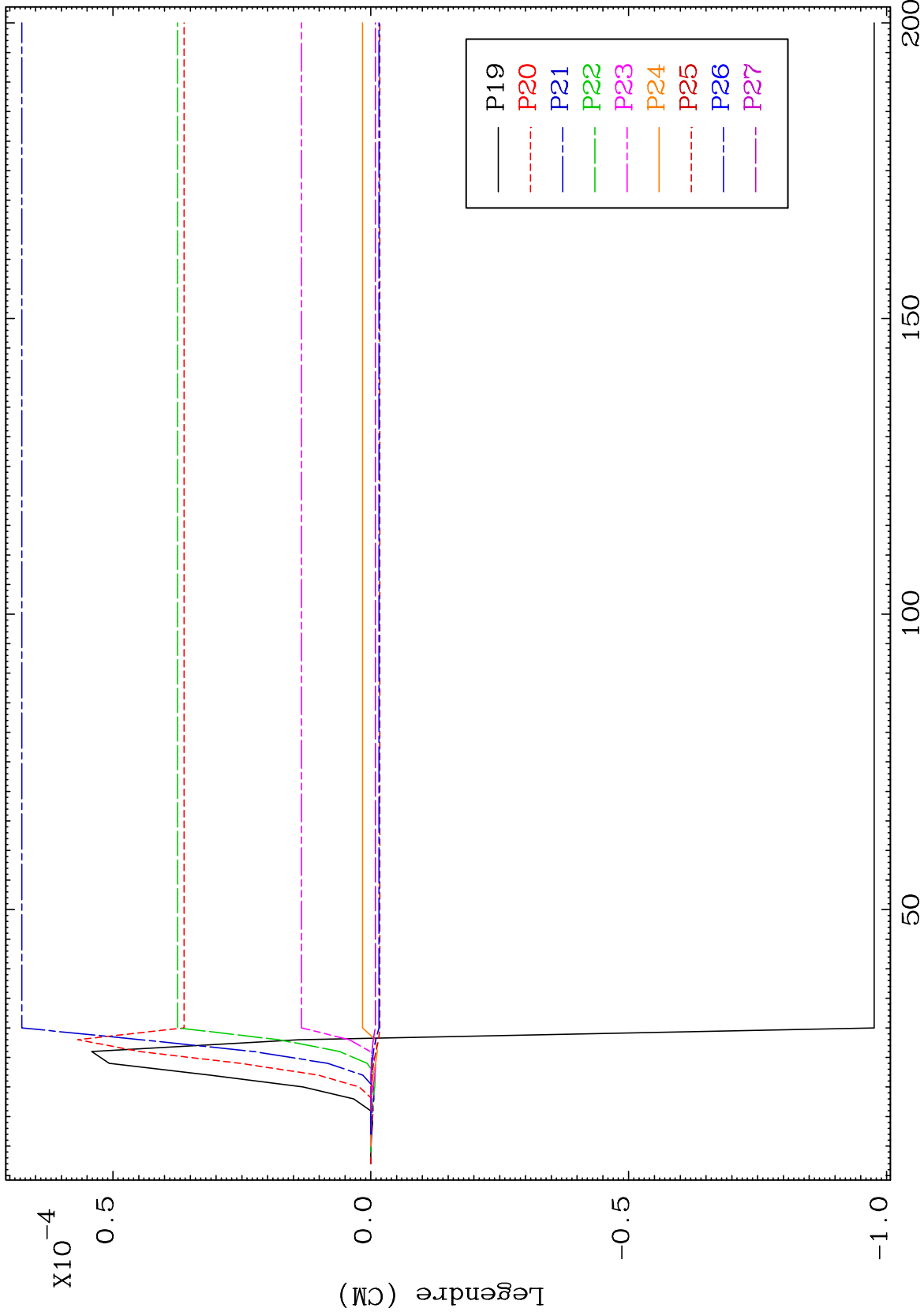
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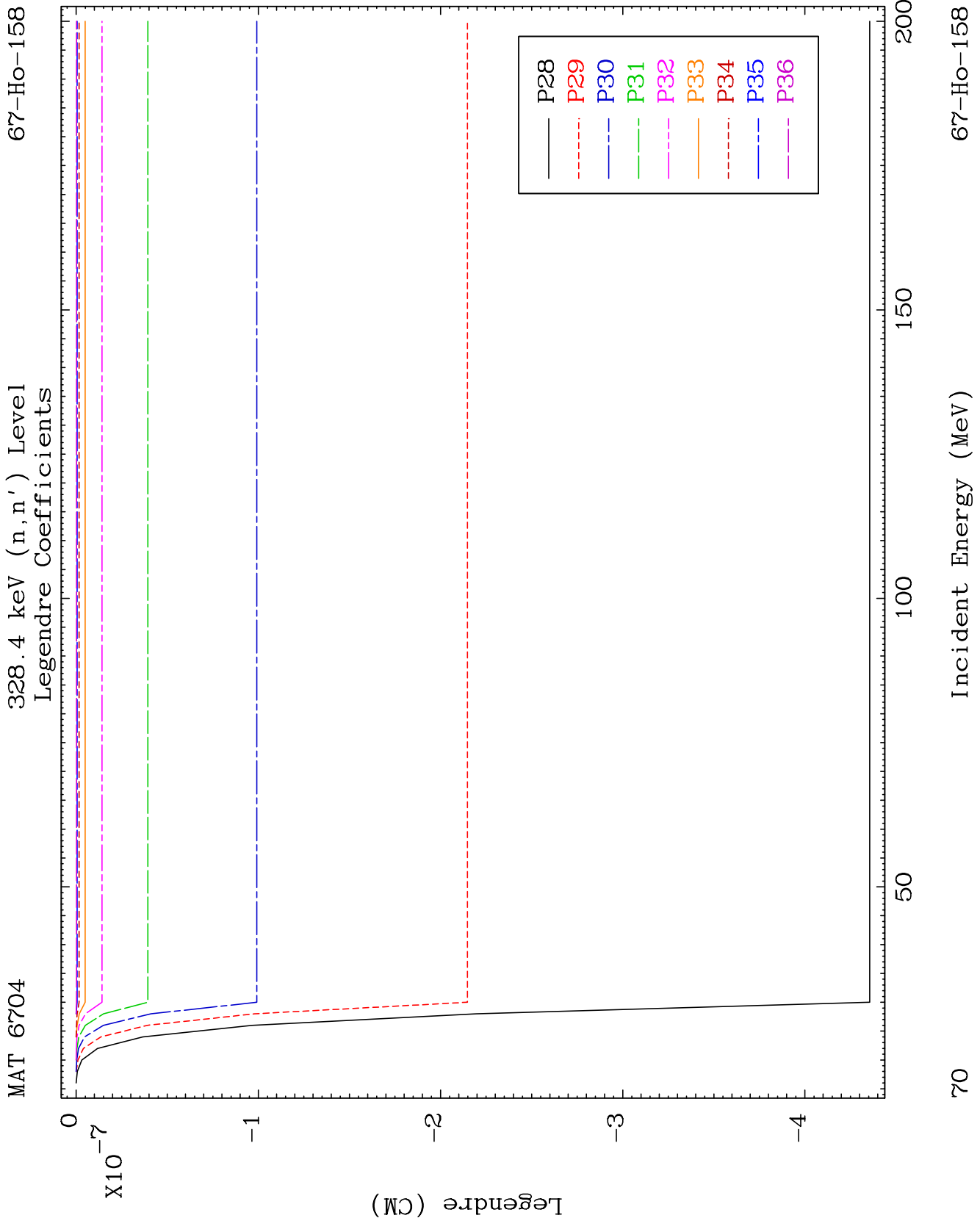


68

Incident Energy (MeV)

67-Ho-158

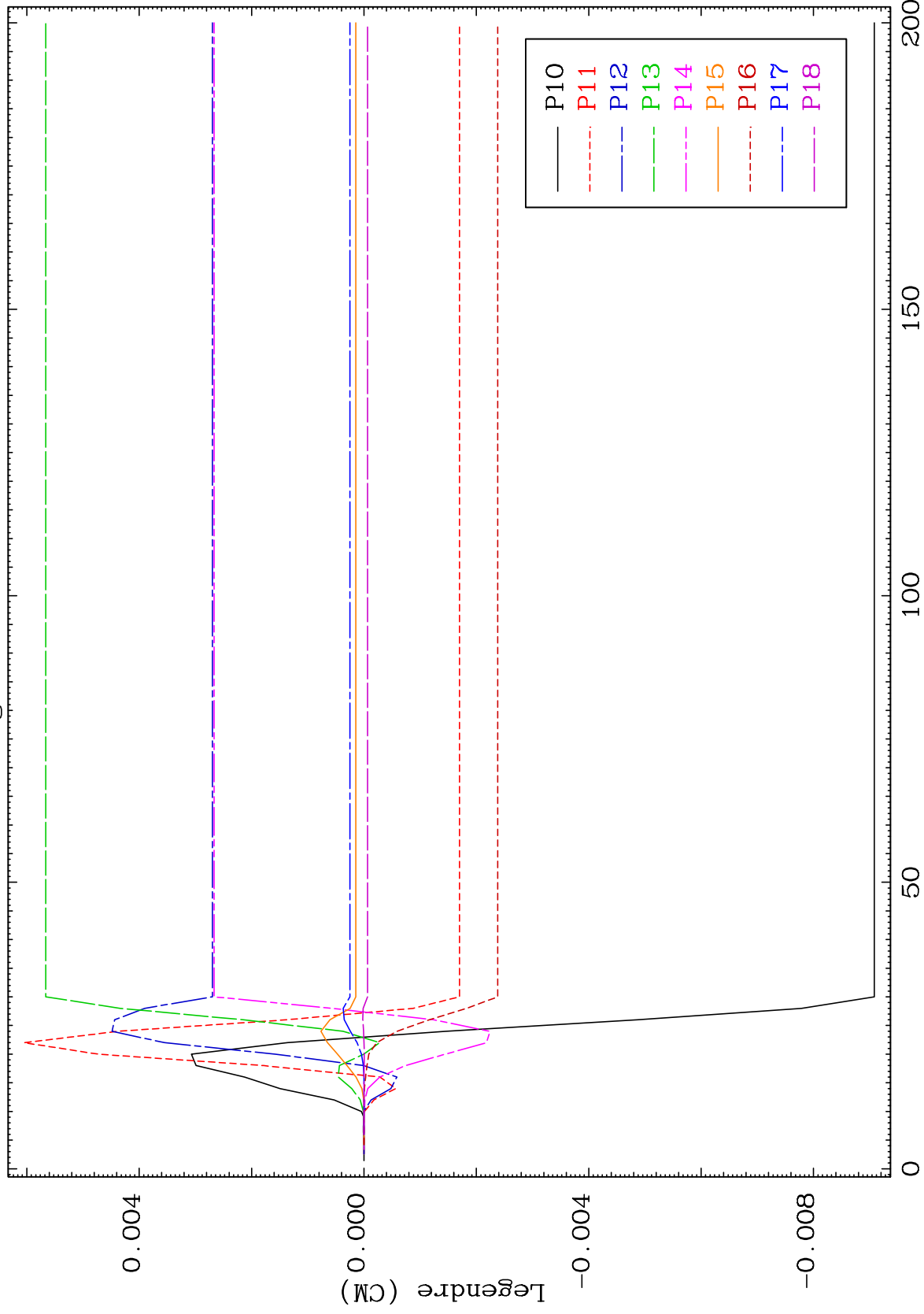




MAT 6704

359.3 keV (n,n') Level
Legendre Coefficients

67-Ho-158



72

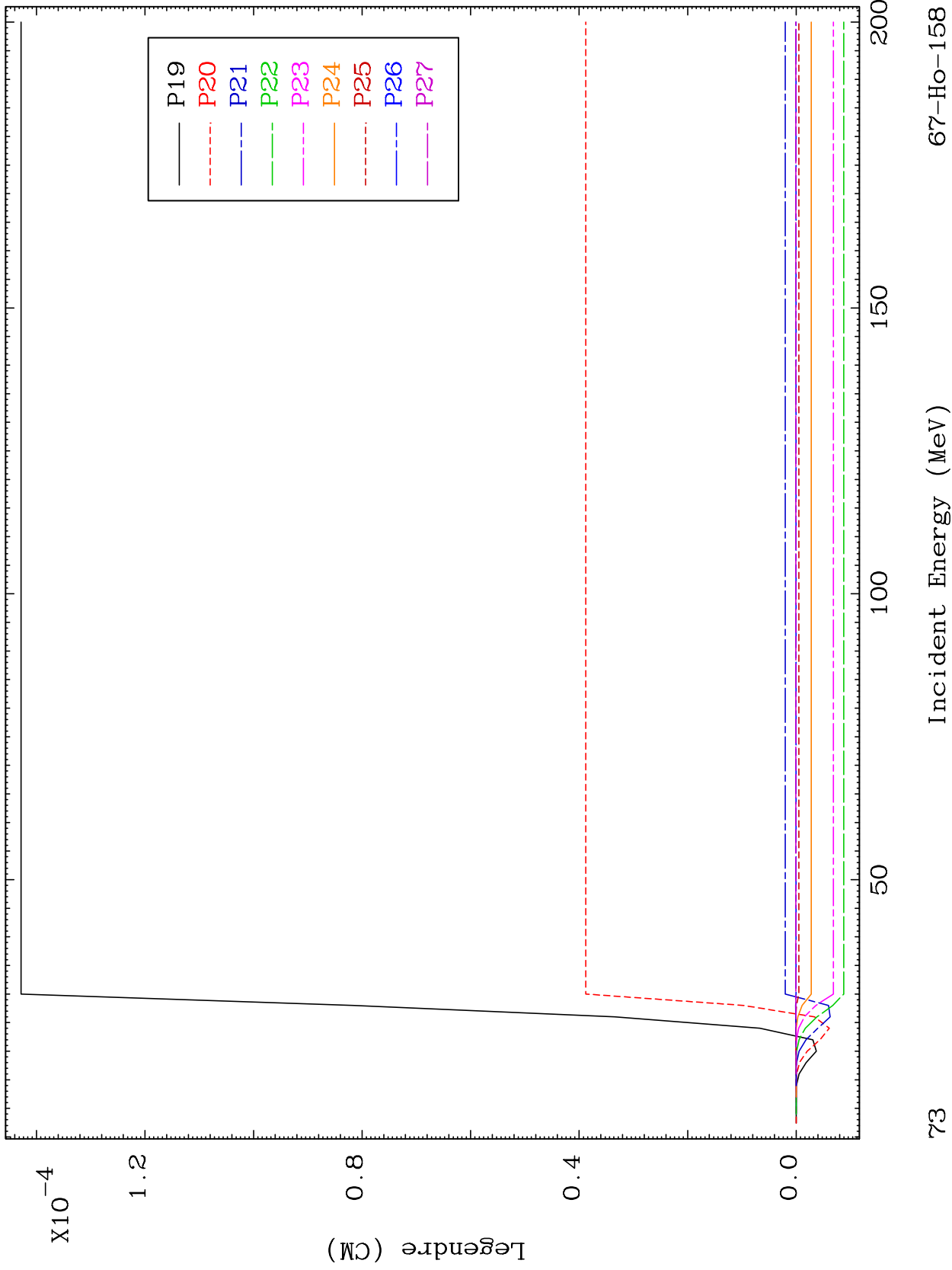
Incident Energy (MeV)

67-Ho-158

MAT 6704

359.3 keV (n,n') Level
Legendre Coefficients

67-Ho-158



73

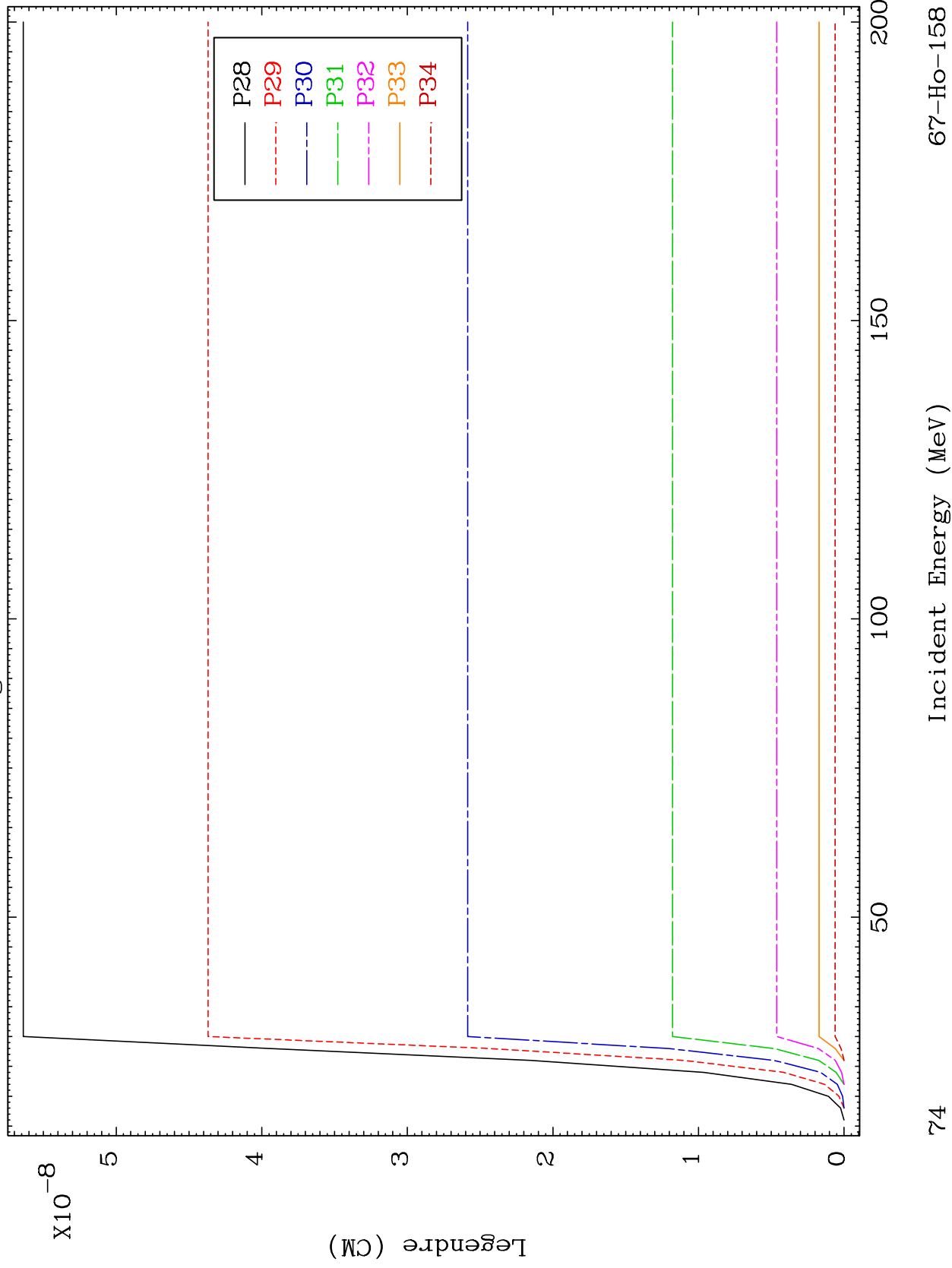
Incident Energy (MeV)

67-Ho-158

MAT 6704

359.3 keV (n,n') Level
Legendre Coefficients

67-Ho-158



74

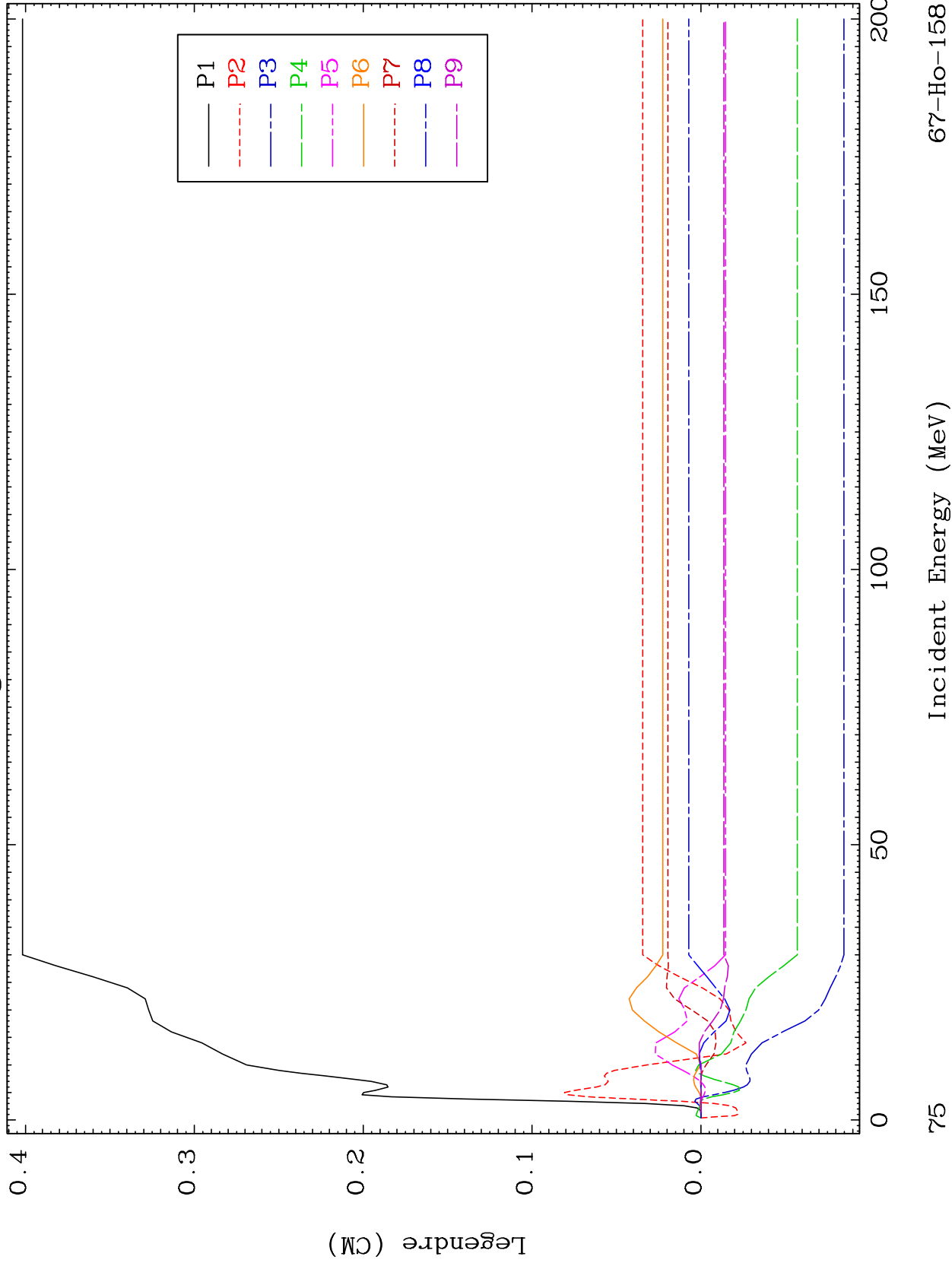
Incident Energy (MeV)

67-Ho-158

MAT 6704

368.0 keV (n,n') Level
Legendre Coefficients

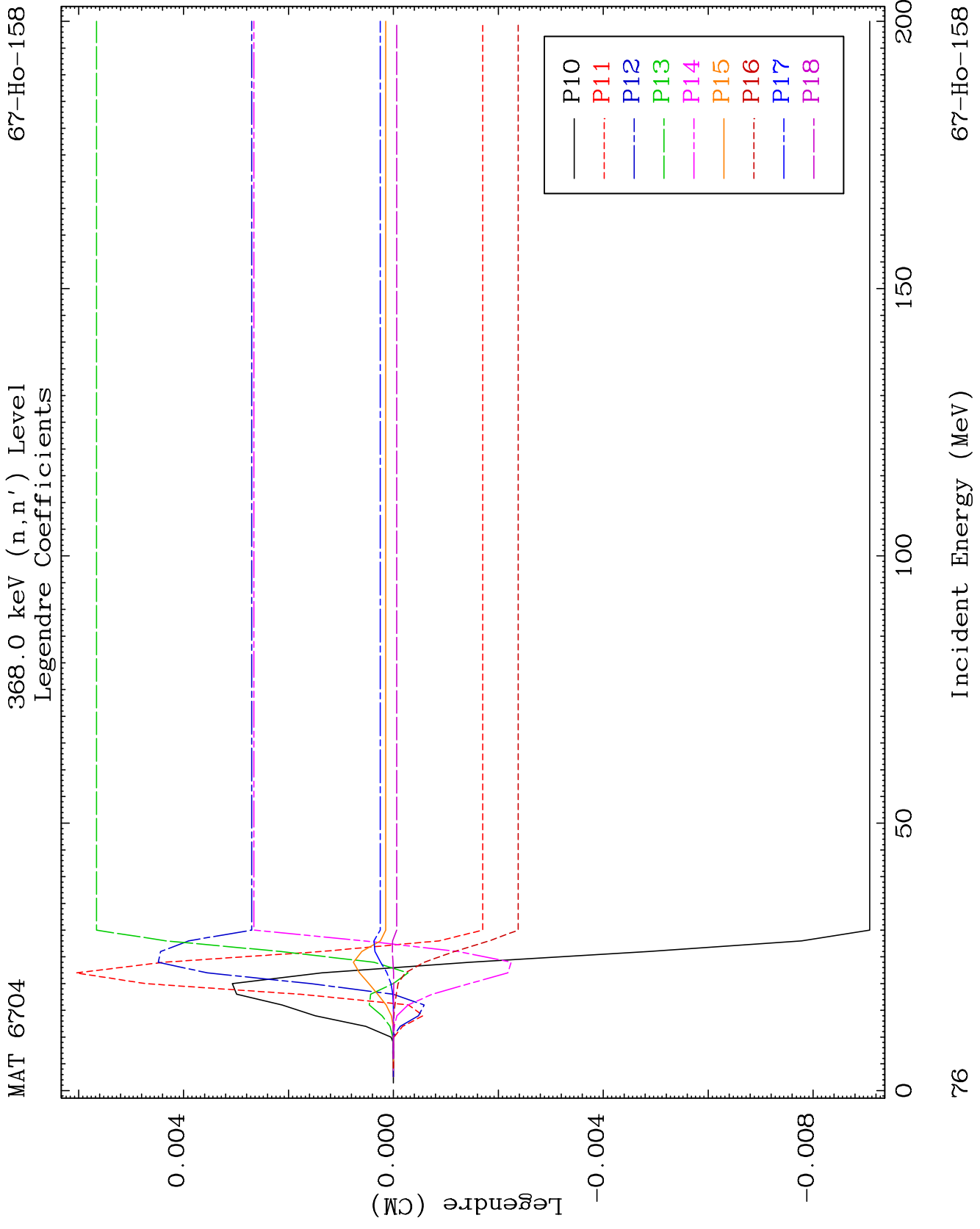
67-Ho-158



67-Ho-158

Incident Energy (MeV)

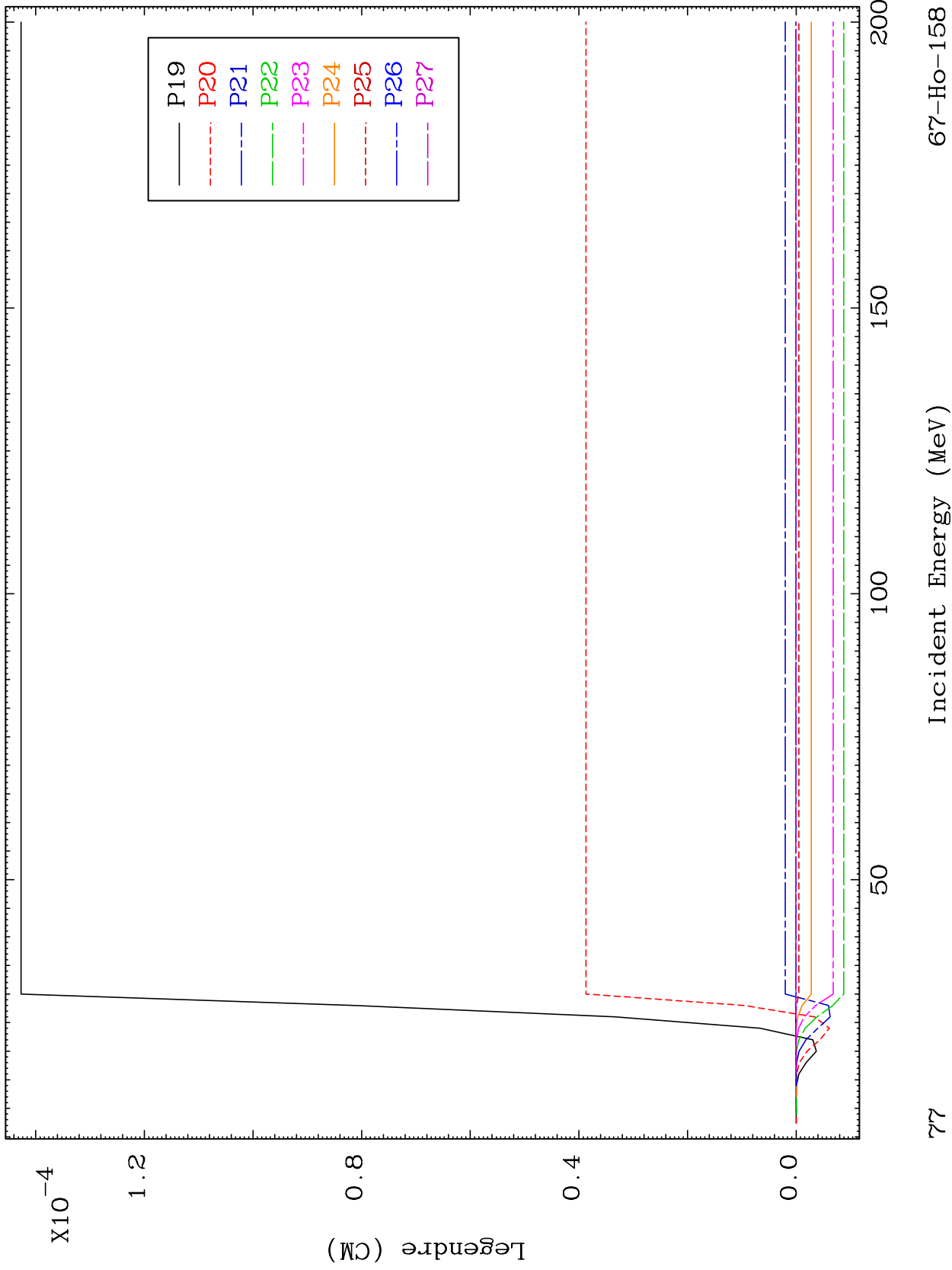
75



MAT 6704

368.0 keV (n,n') Level
Legendre Coefficients

67-Ho-158



77

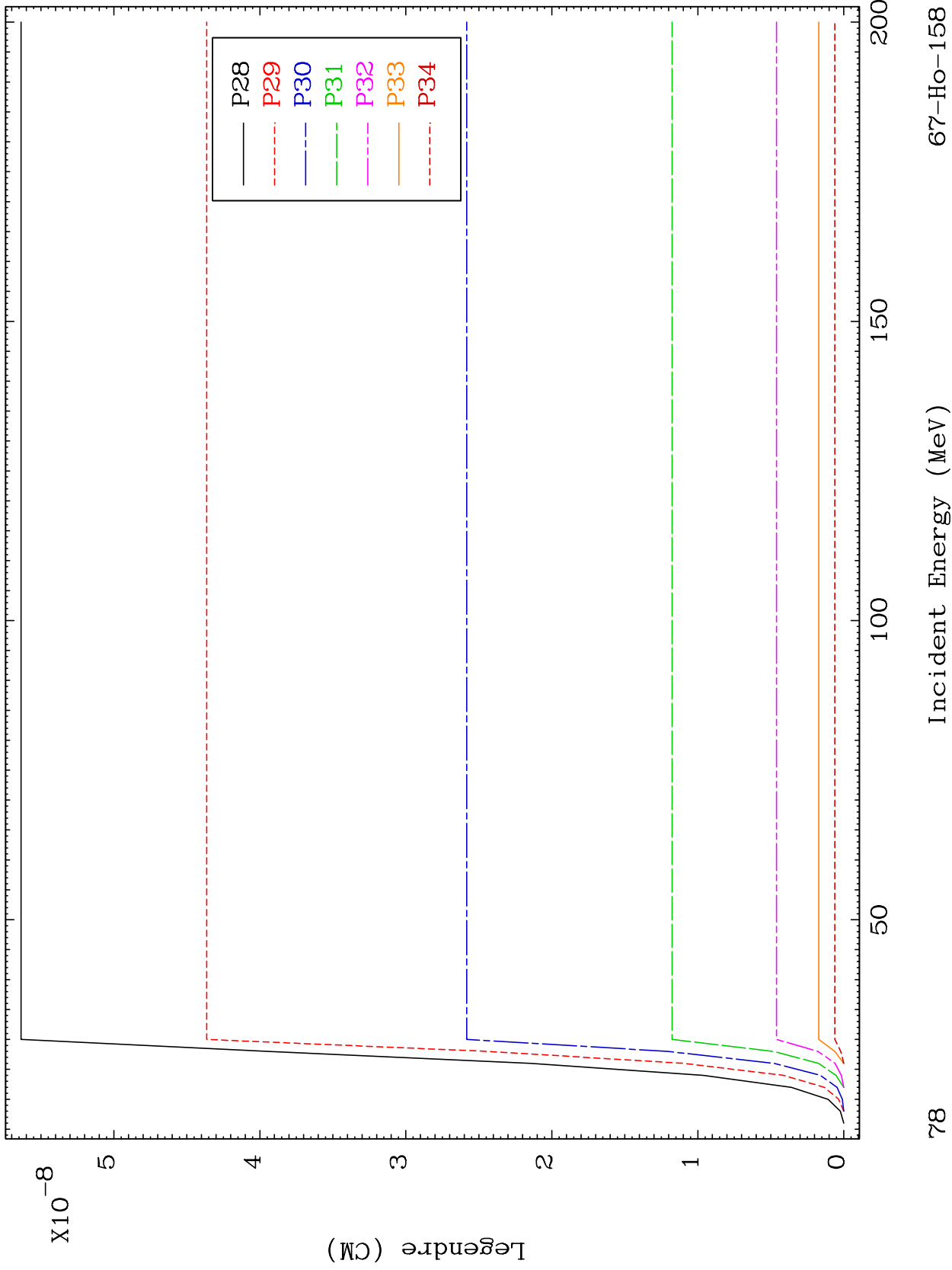
Incident Energy (MeV)

67-Ho-158

MAT 6704

368.0 keV (n,n') Level
Legendre Coefficients

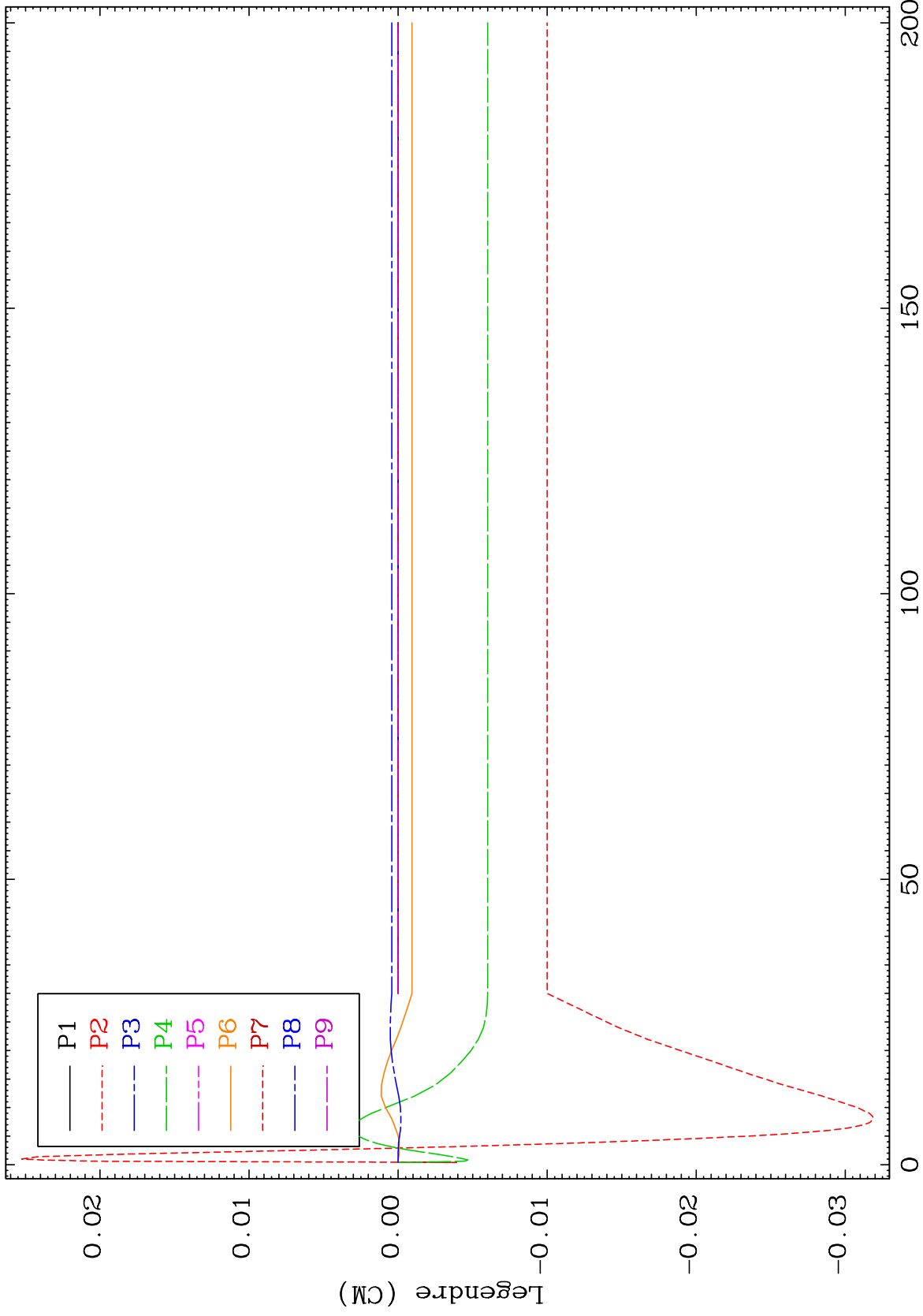
67-Ho-158



MAT 6704

379.0 keV (n,n') Level
Legendre Coefficients

67-Ho-158



79

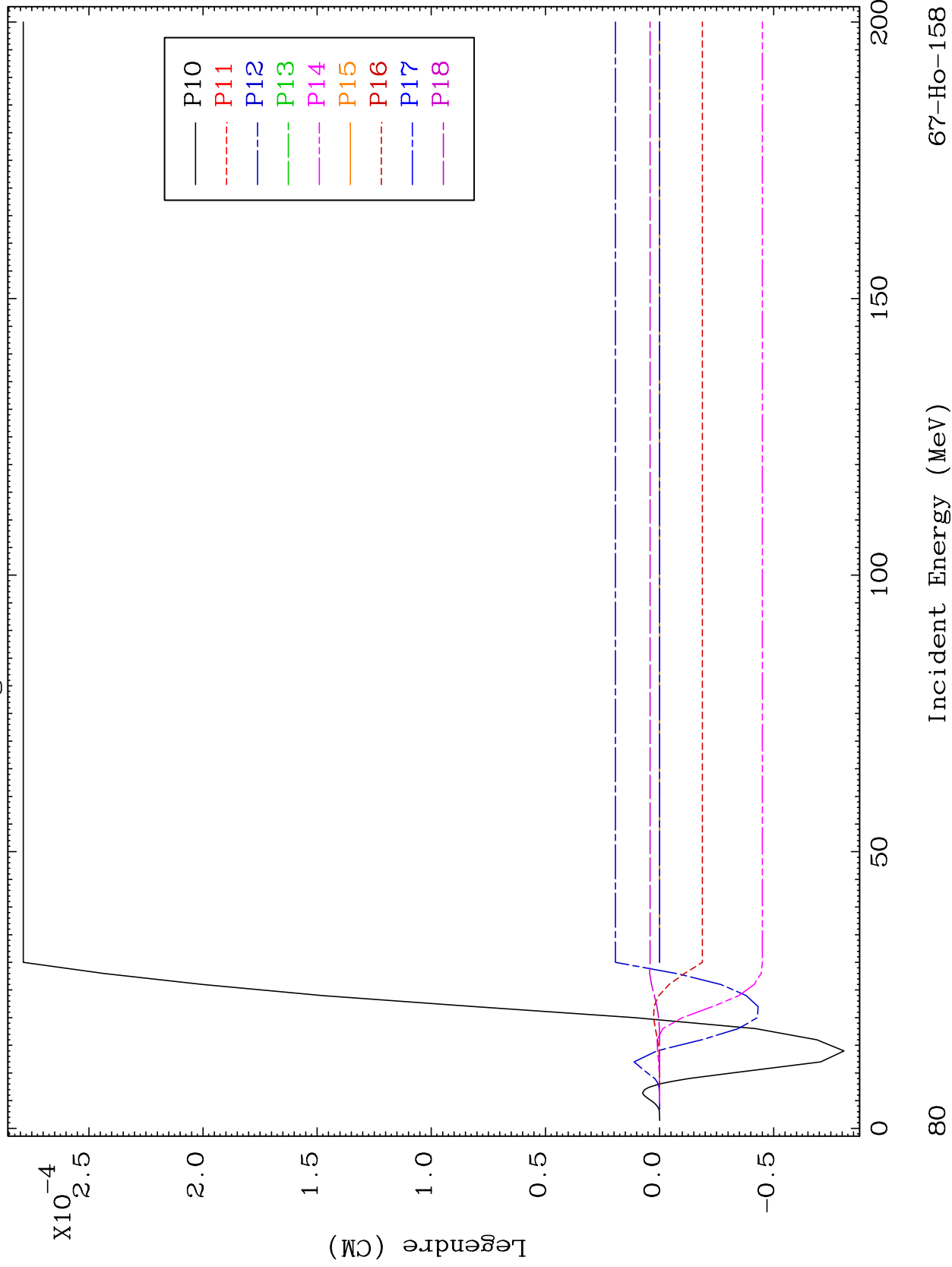
Incident Energy (MeV)

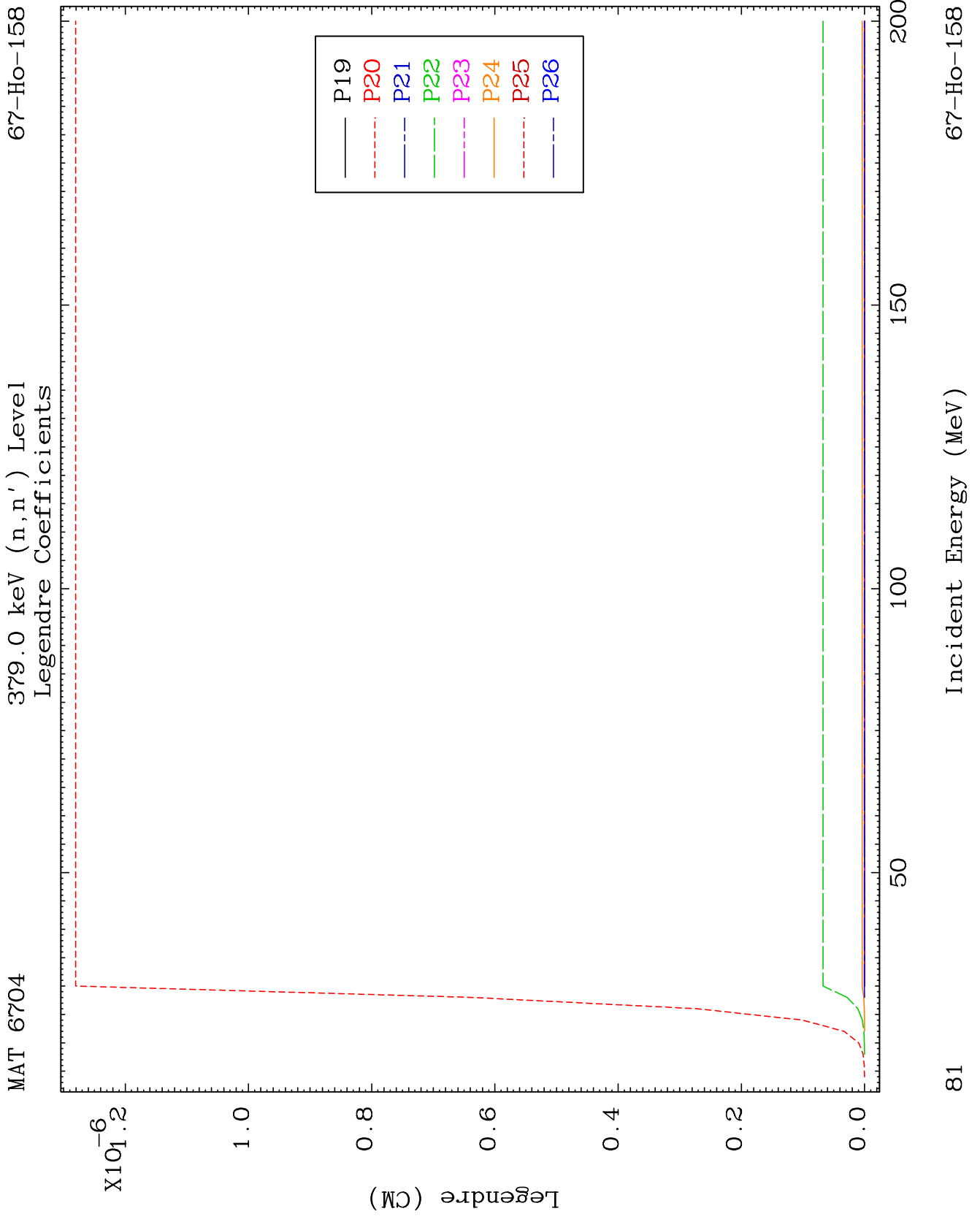
67-Ho-158

MAT 6704

379.0 keV (n,n') Level
Legendre Coefficients

67-Ho-158

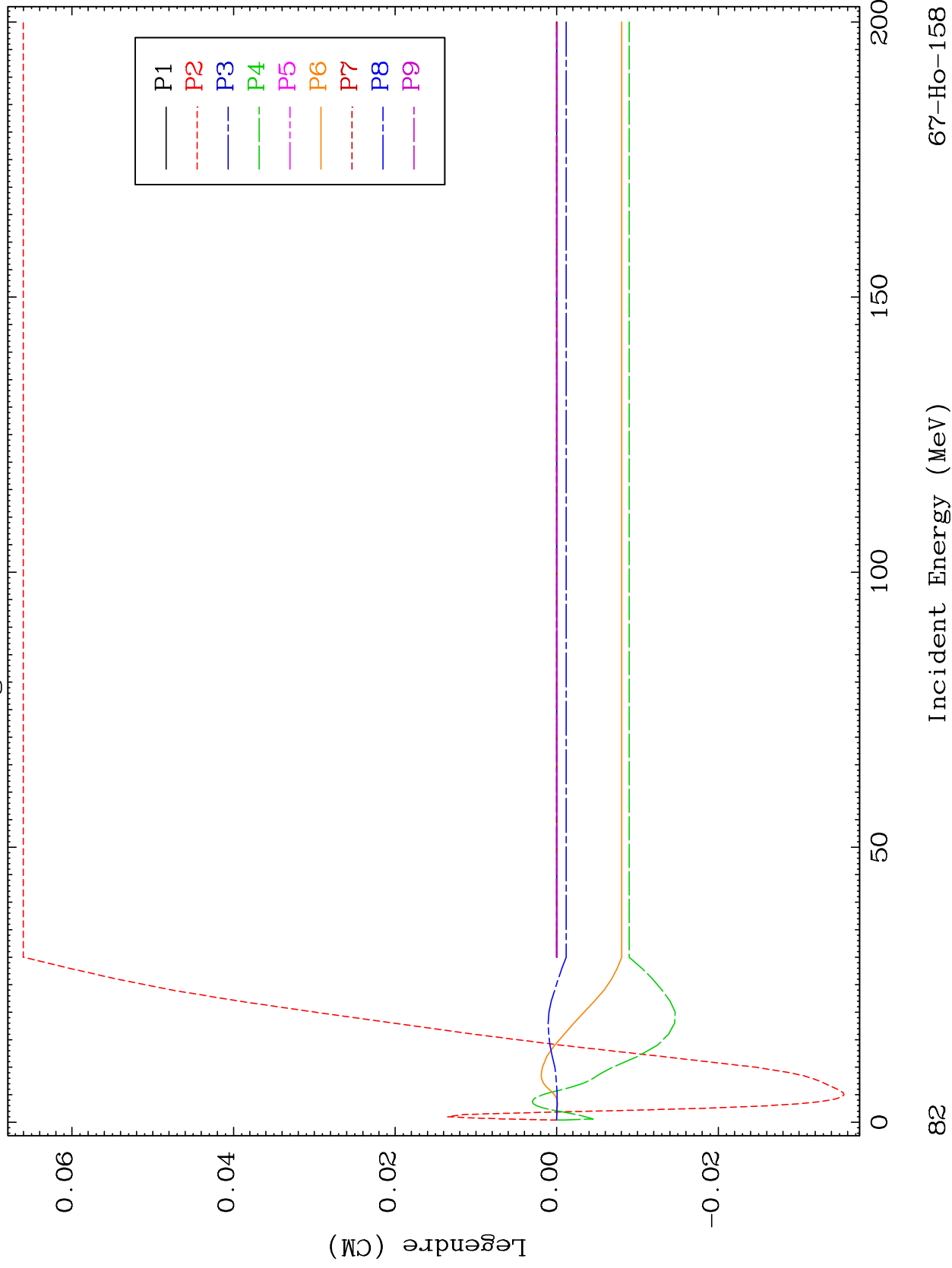




MAT 6704

385.7 keV (n, n') Level
Legendre Coefficients

67-Ho-158



67-Ho-158

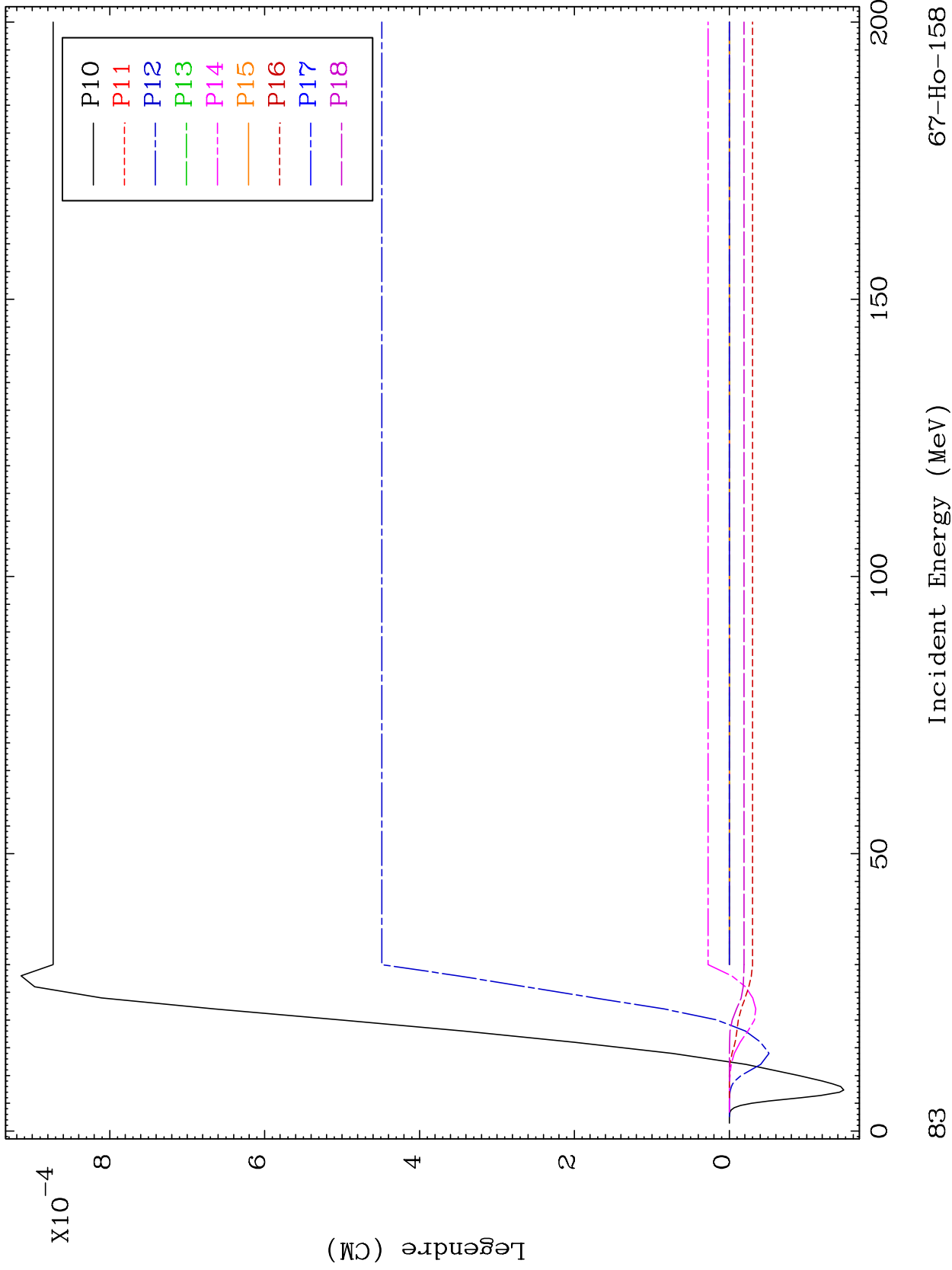
Incident Energy (MeV)

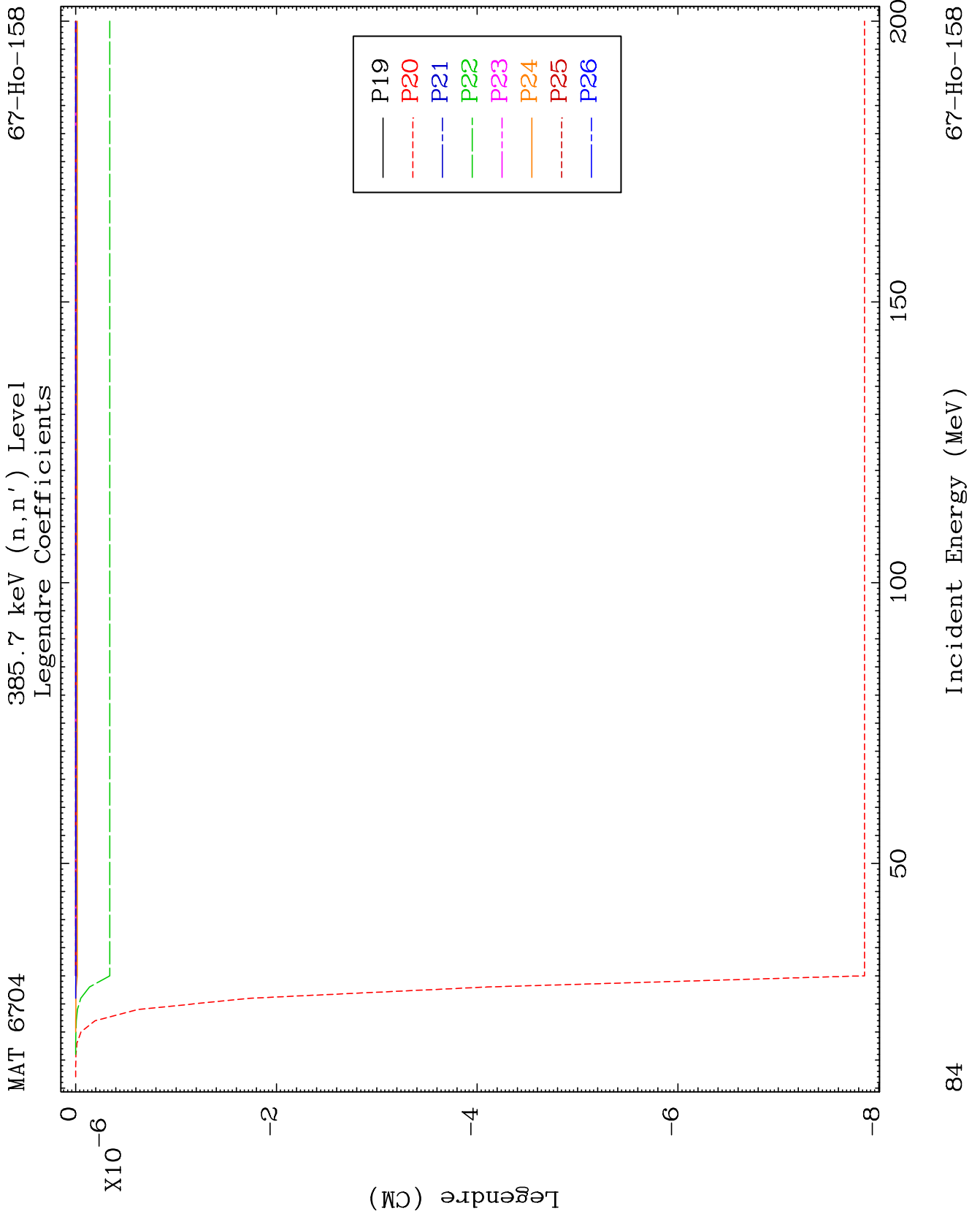
82

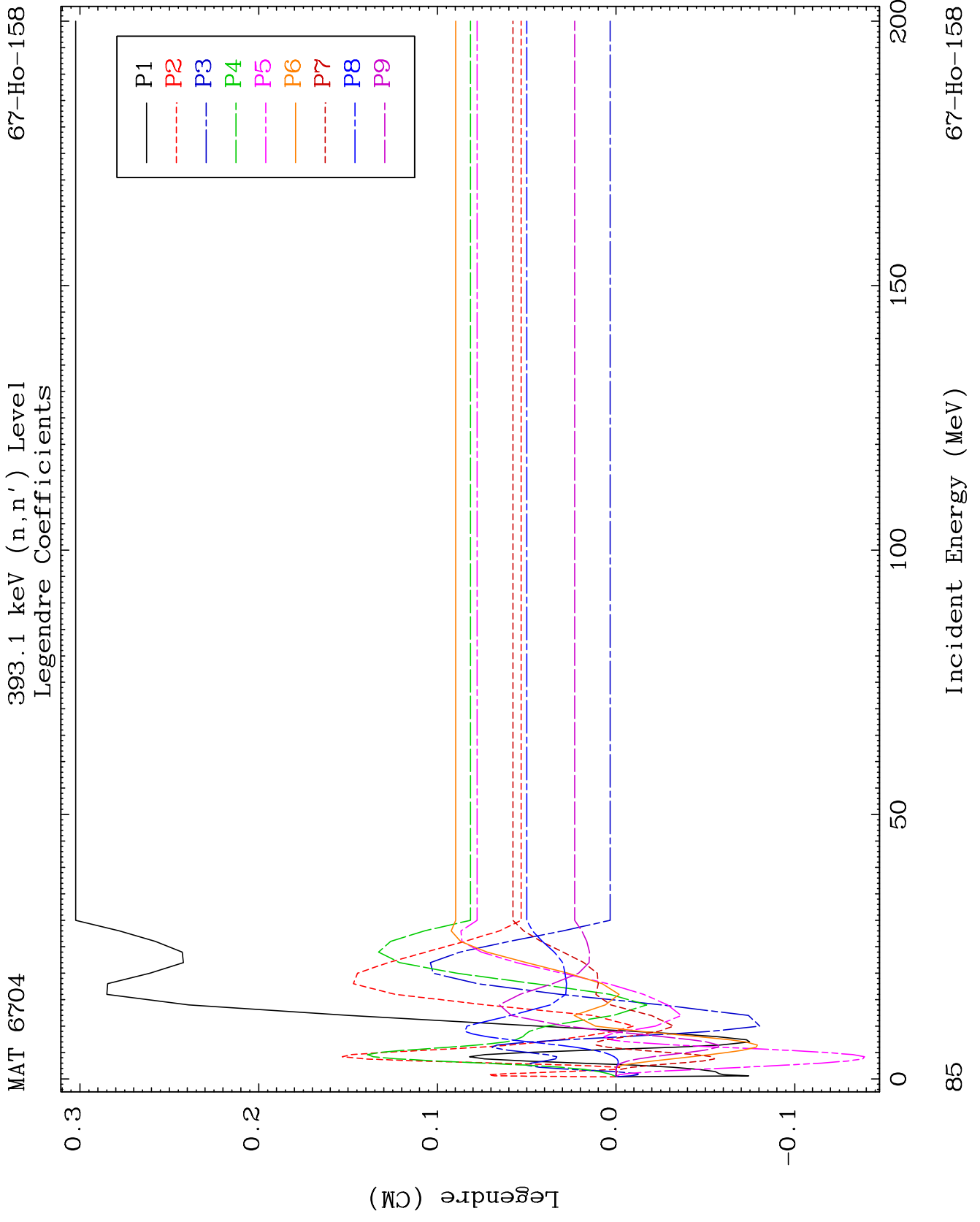
MAT 6704

385.7 keV (n,n') Level
Legendre Coefficients

67-Ho-158



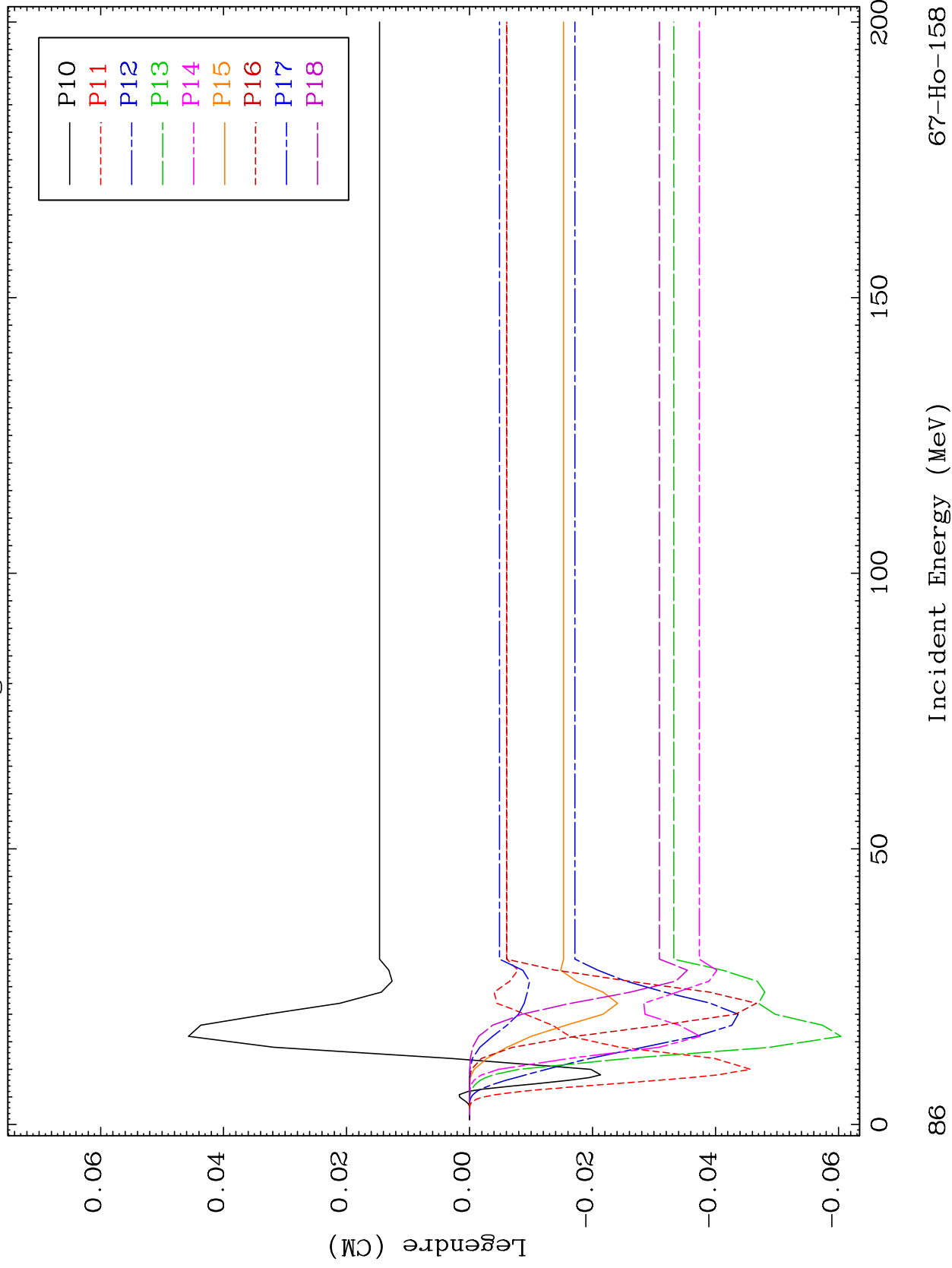




MAT 6704

393.1 keV (n,n') Level
Legendre Coefficients

67-Ho-158



86

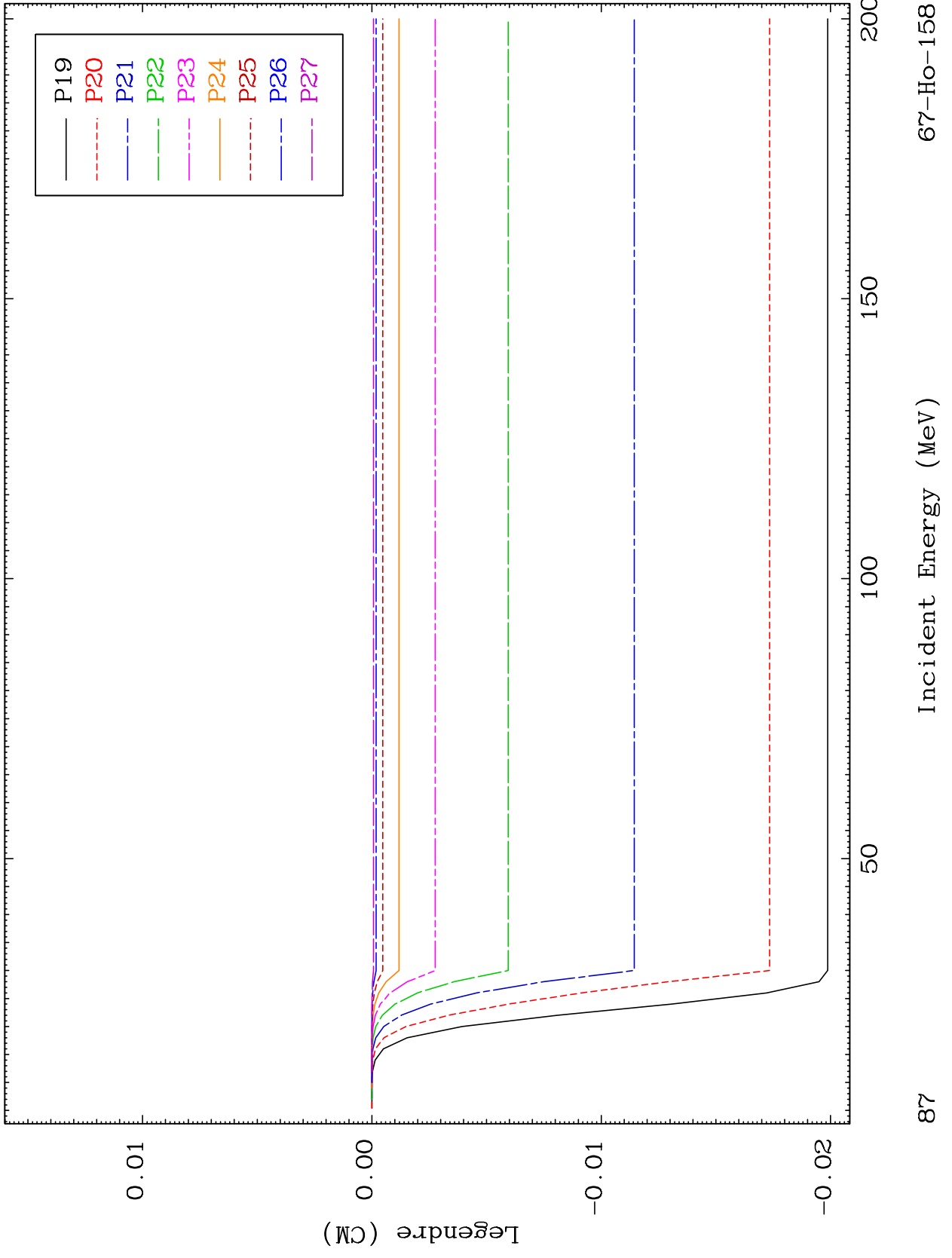
Incident Energy (MeV)

67-Ho-158

MAT 6704

393.1 keV (n,n') Level
Legendre Coefficients

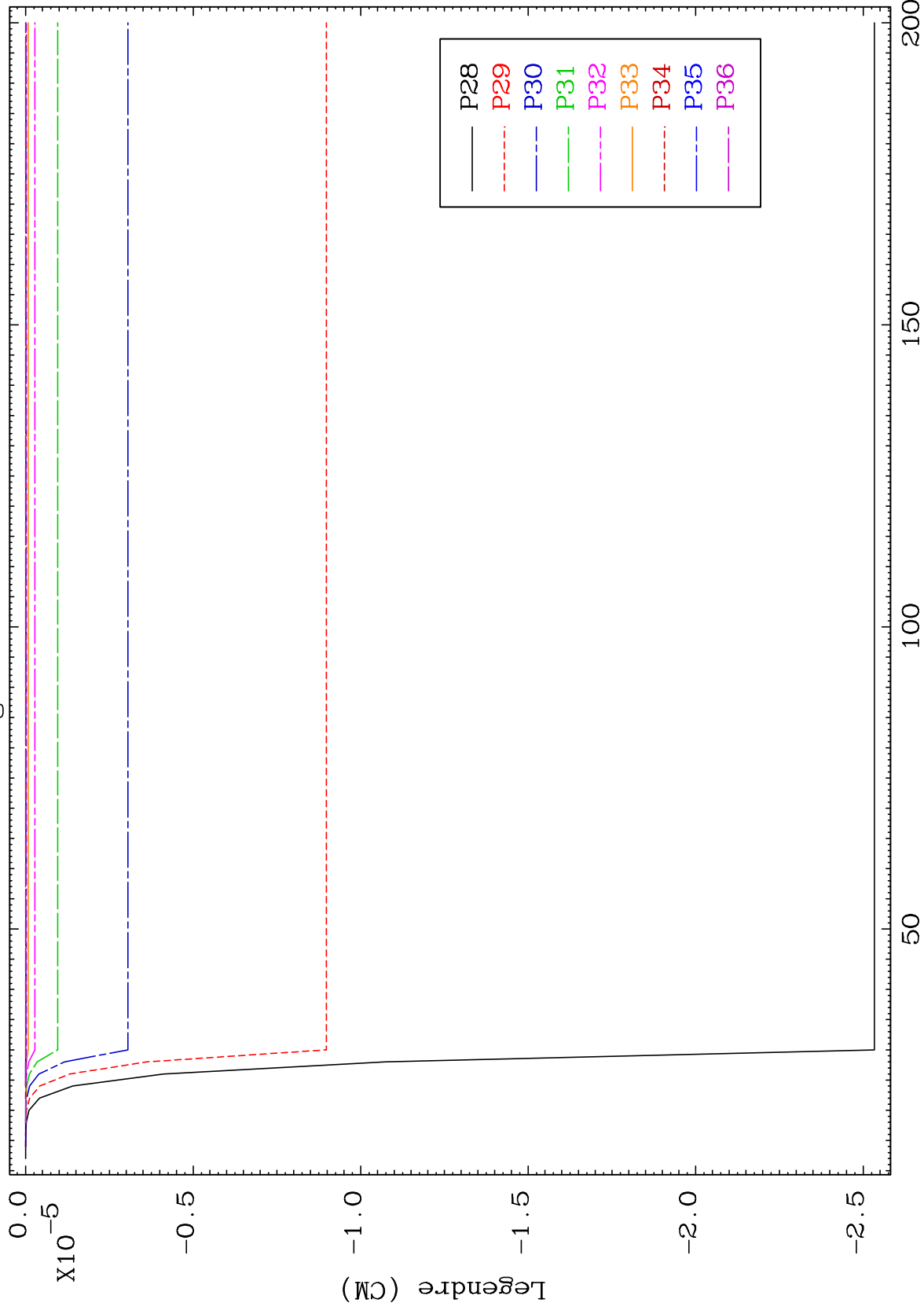
67-Ho-158



87

Incident Energy (MeV)

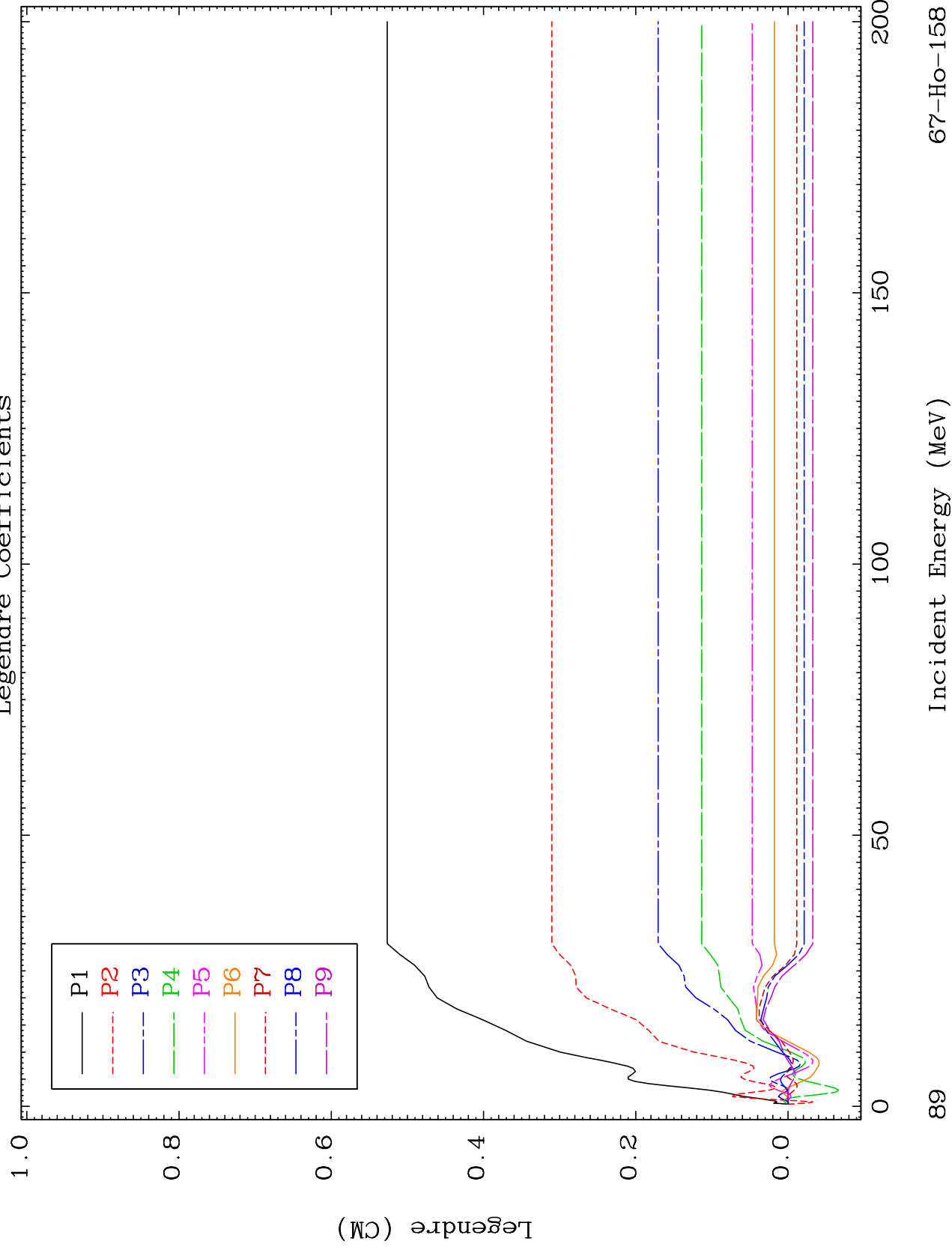
67-Ho-158



MAT 6704

398.2 keV (n,n') Level
Legendre Coefficients

67-Ho-158



67-Ho-158

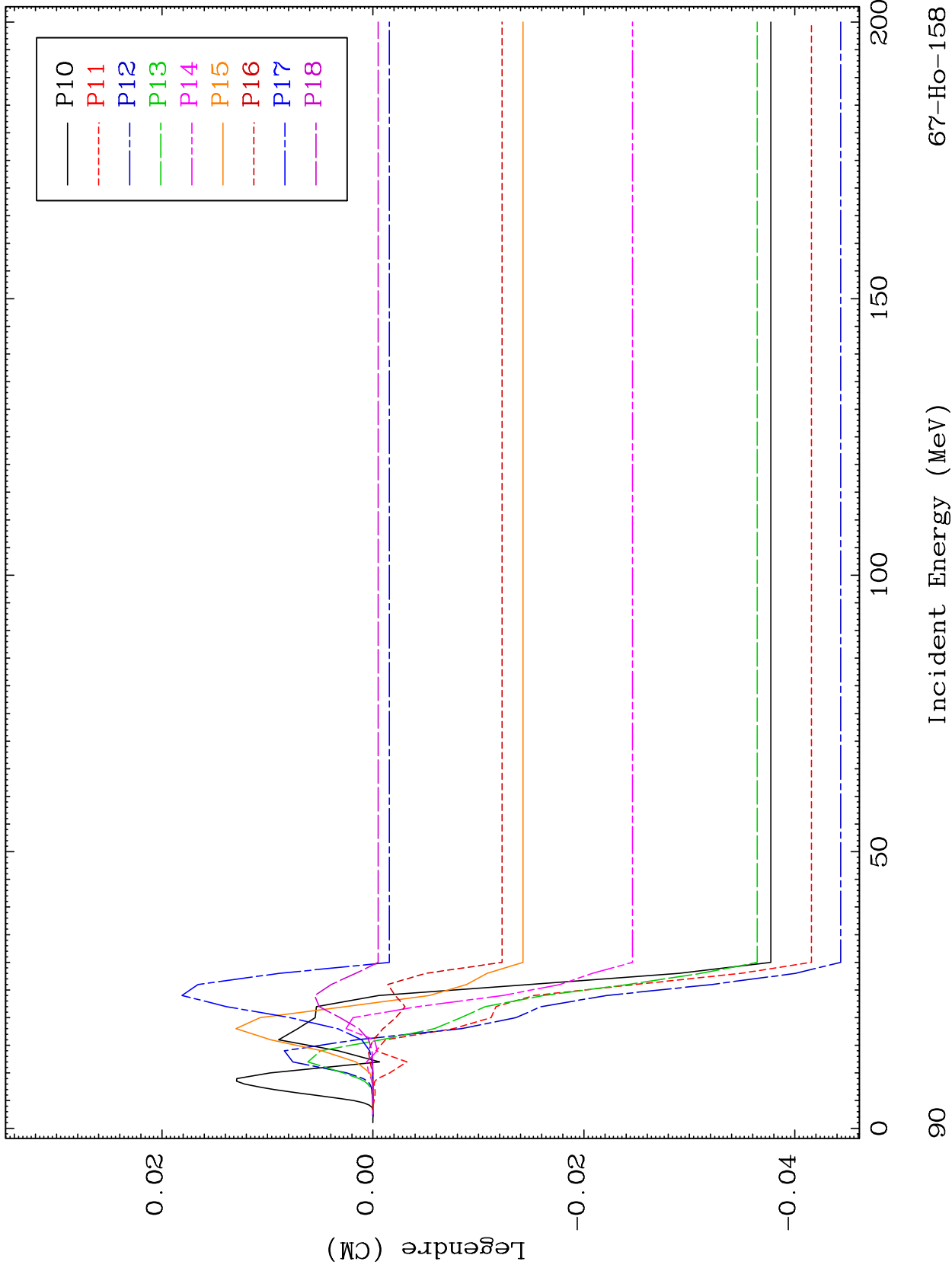
Incident Energy (MeV)

89

MAT 6704

398.2 keV (n,n') Level
Legendre Coefficients

67-Ho-158



67-Ho-158

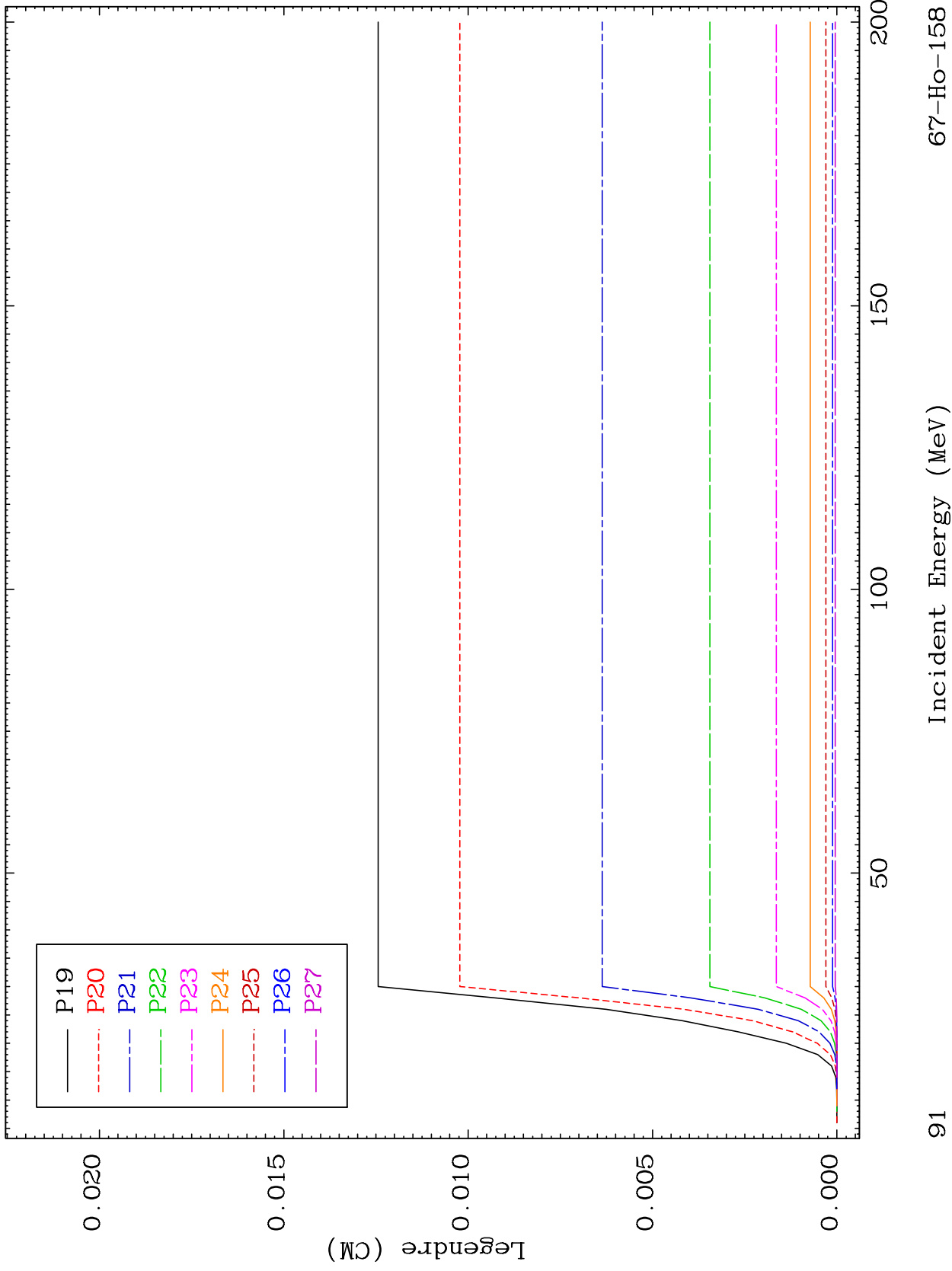
Incident Energy (MeV)

90

MAT 6704

398.2 keV (n,n') Level
Legendre Coefficients

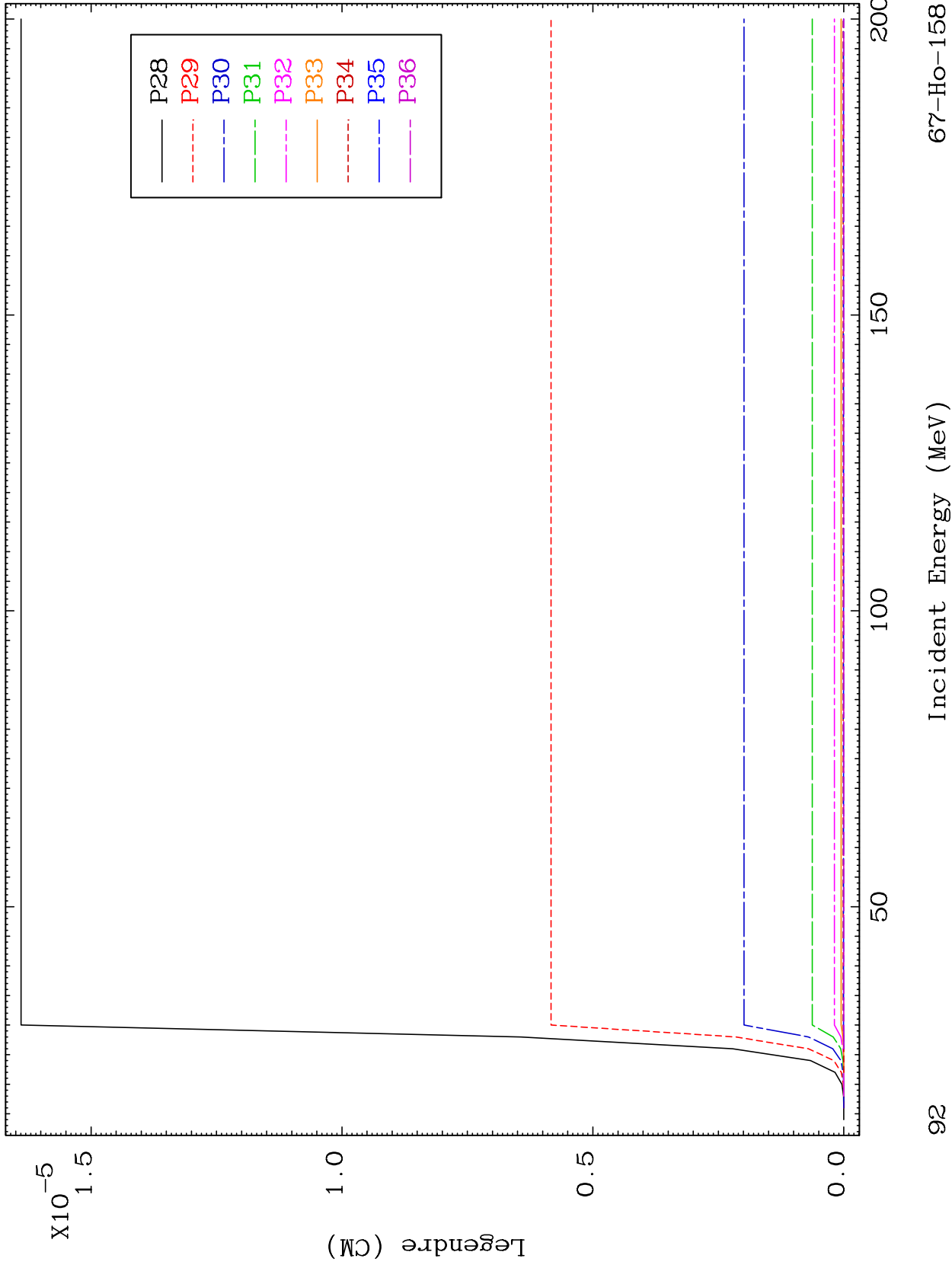
67-Ho-158



MAT 6704

398.2 keV (n,n') Level
Legendre Coefficients

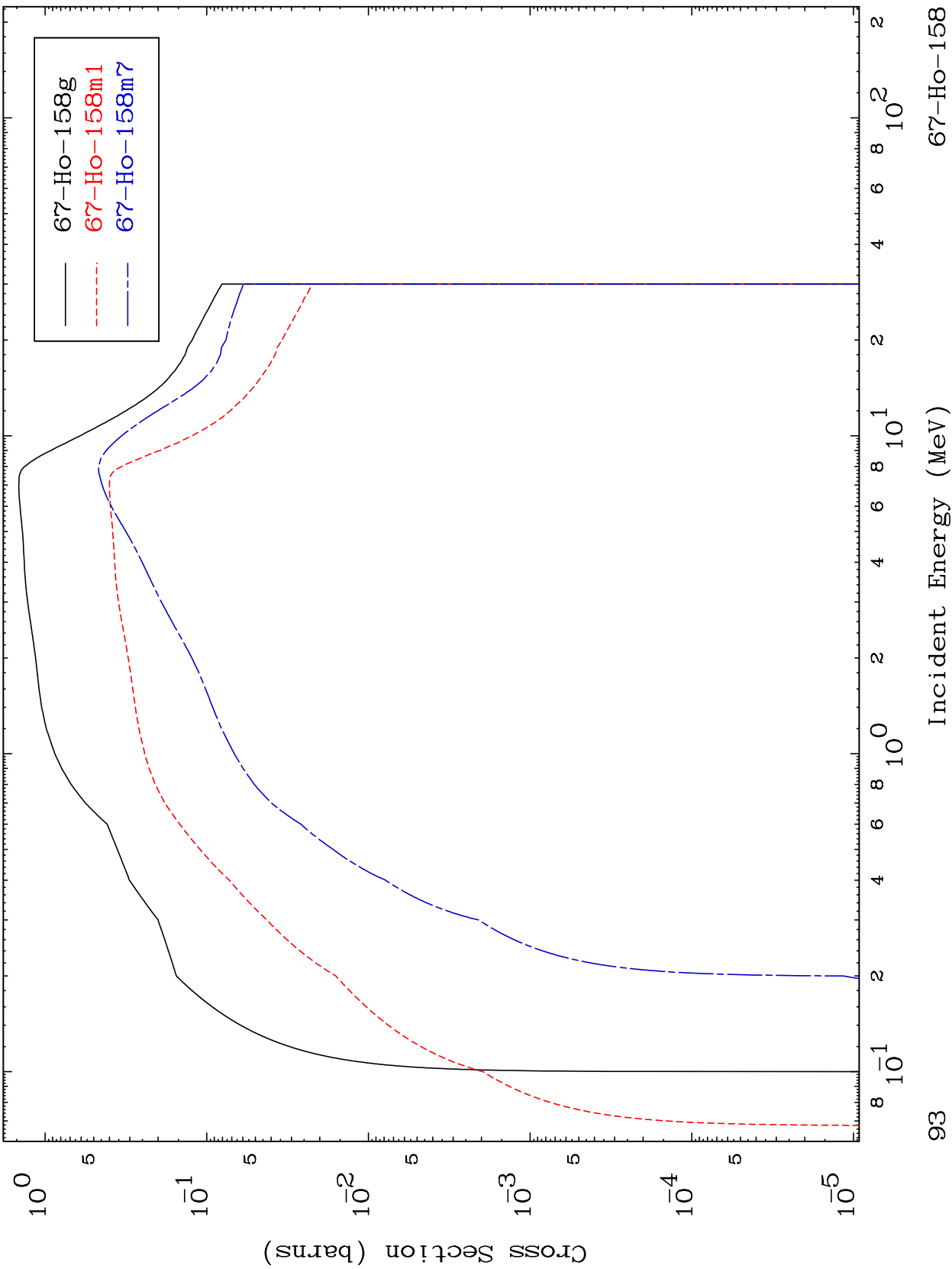
67-Ho-158



MAT 6704

67-Ho-158

Inelastic
Radionuclide Production Cross Section



93

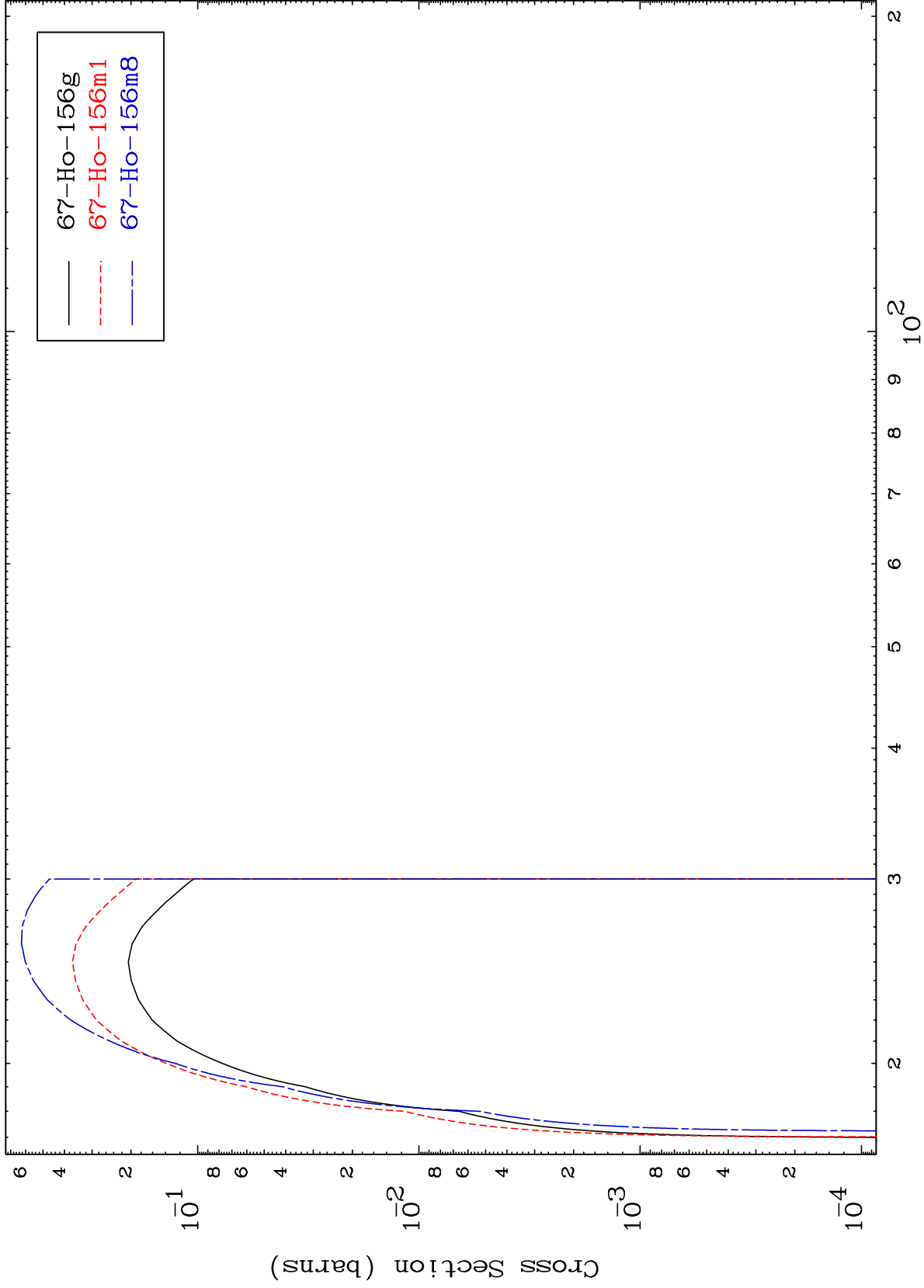
67-Ho-158

MAT 6704

(n,3n)

67-Ho-158

Radionuclide Production Cross Section



94

Incident Energy (MeV)

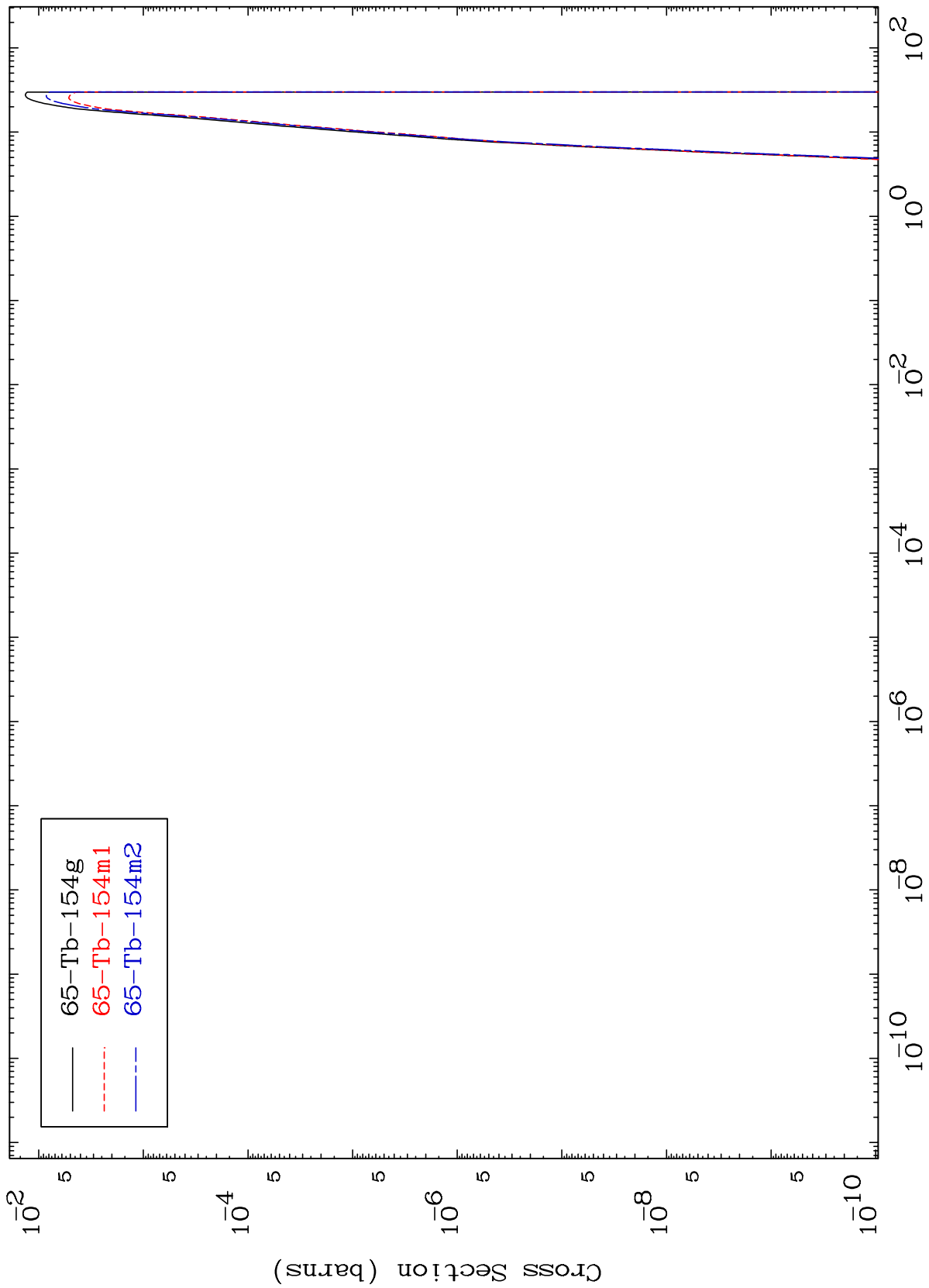
67-Ho-158

MAT 6704

$(n, n') \alpha$

67-Ho-158

Radionuclide Production Cross Section

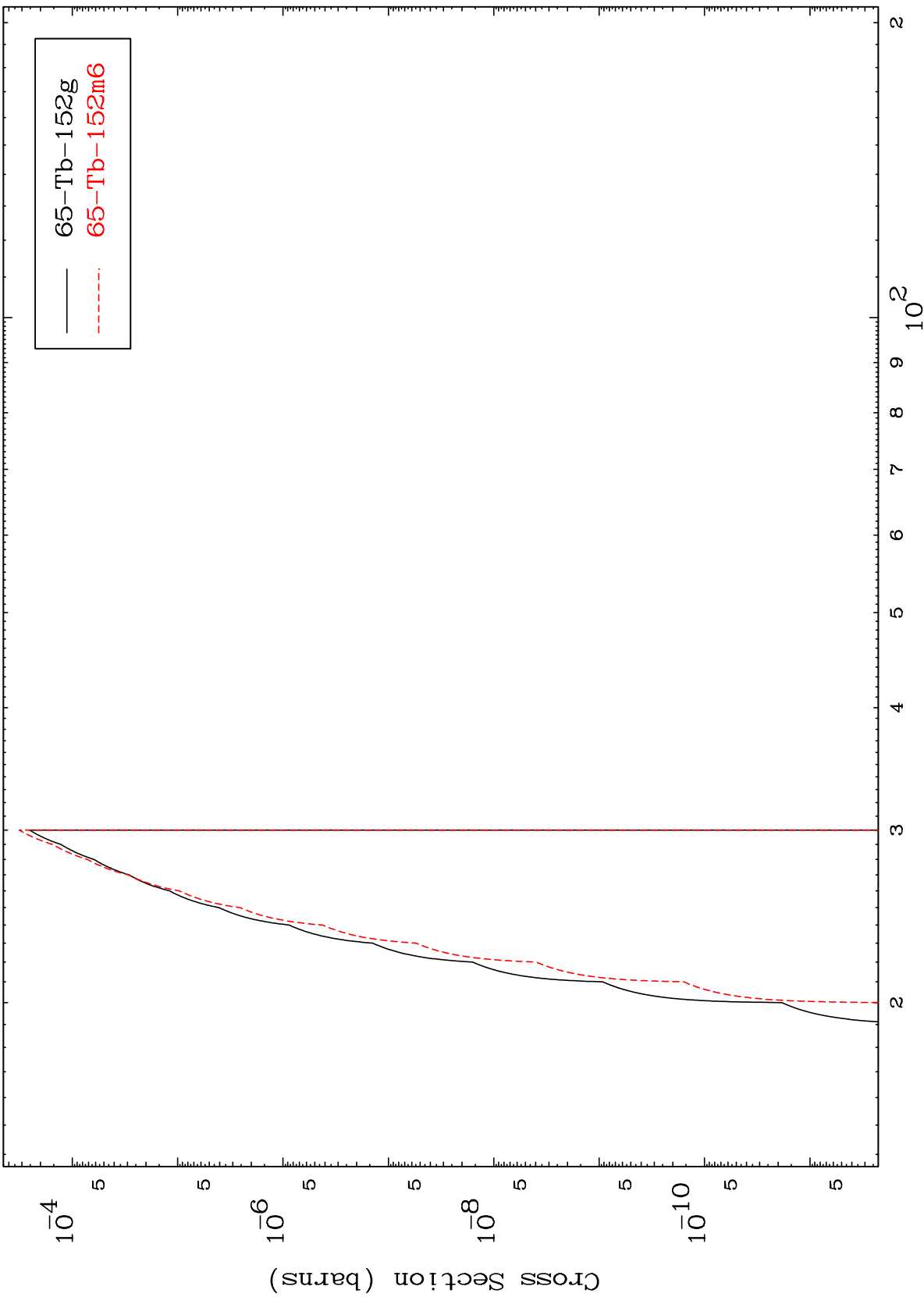


95

Incident Energy (MeV)

67-Ho-158

Radionuclide Production Cross Section

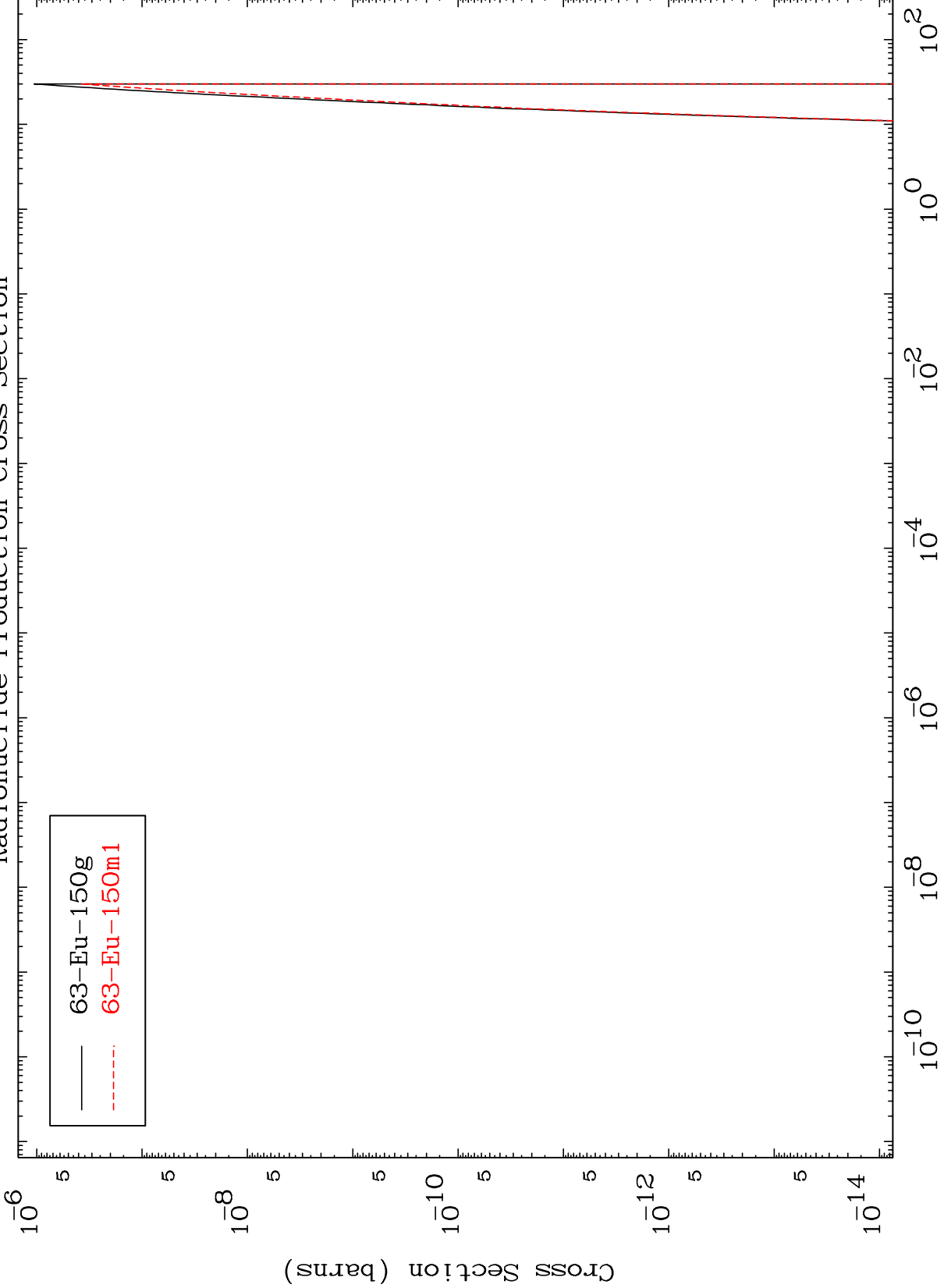


MAT 6704

(n,n') 2α

67-Ho-158

Radionuclide Production Cross Section



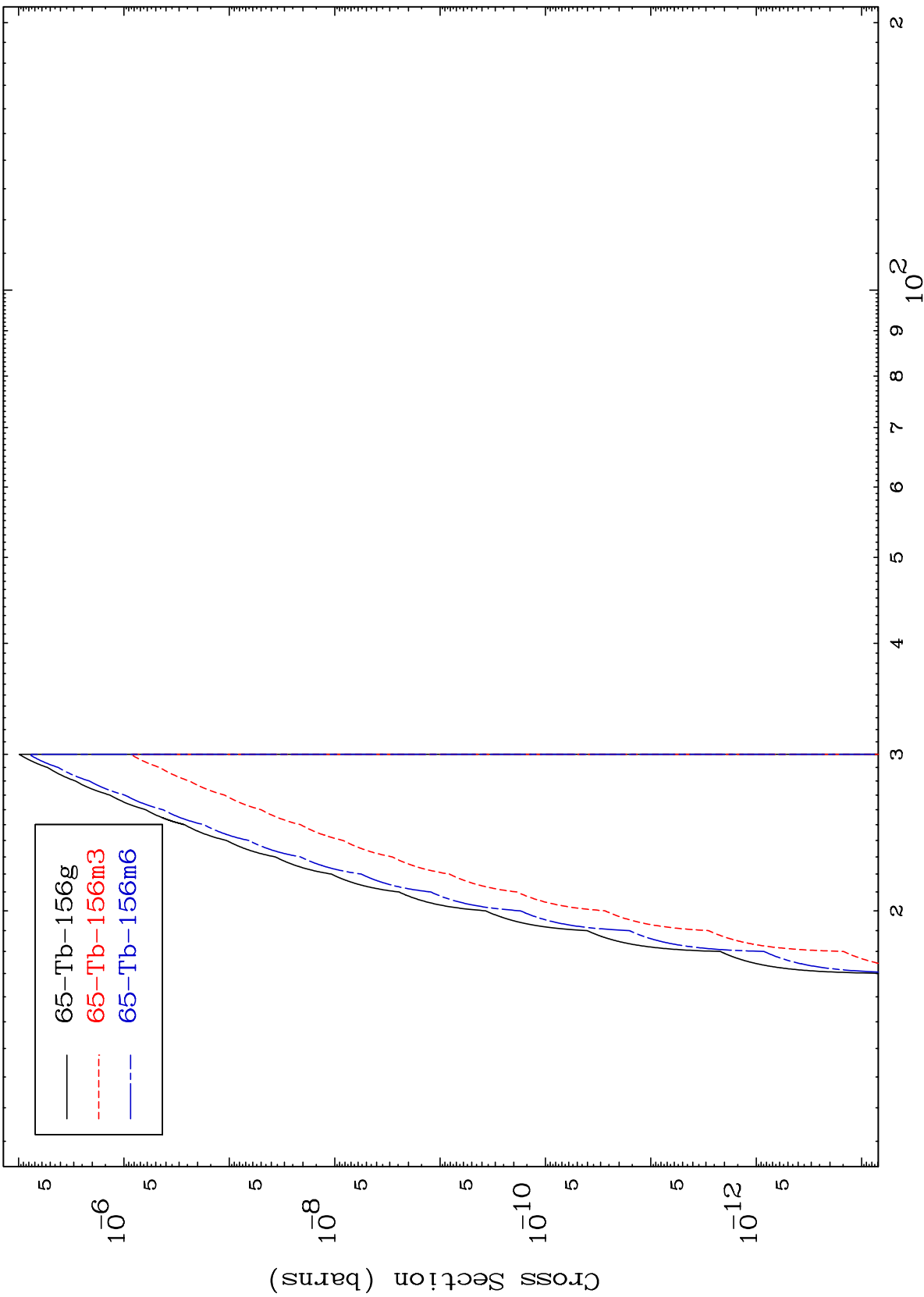
63-Eu-150g
63-Eu-150m1

MAT 6704

(n,2n) p

67-Ho-158

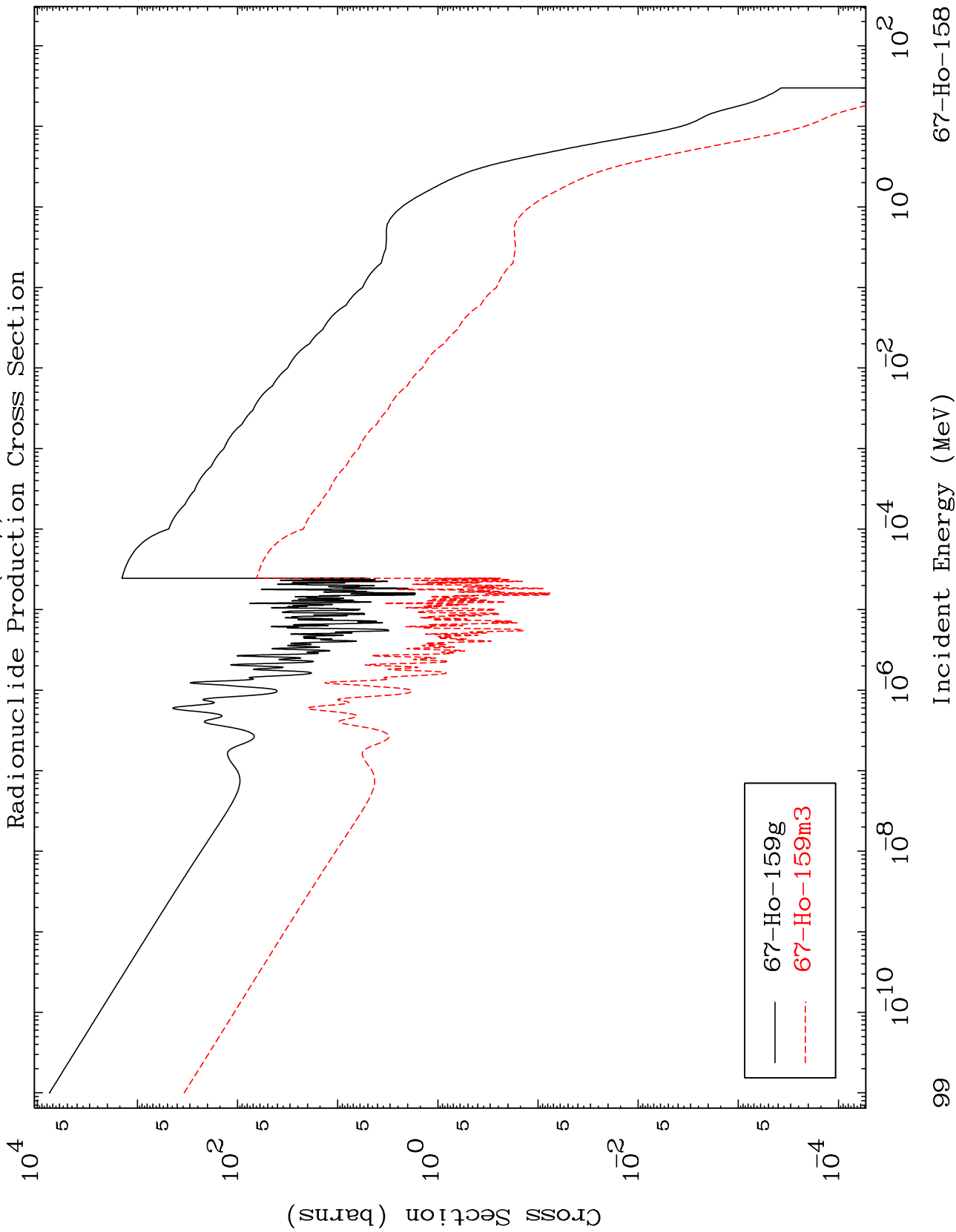
Radionuclide Production Cross Section



MAT 6704

67-Ho-158

Radionuclide Production Cross Section
(n, γ)

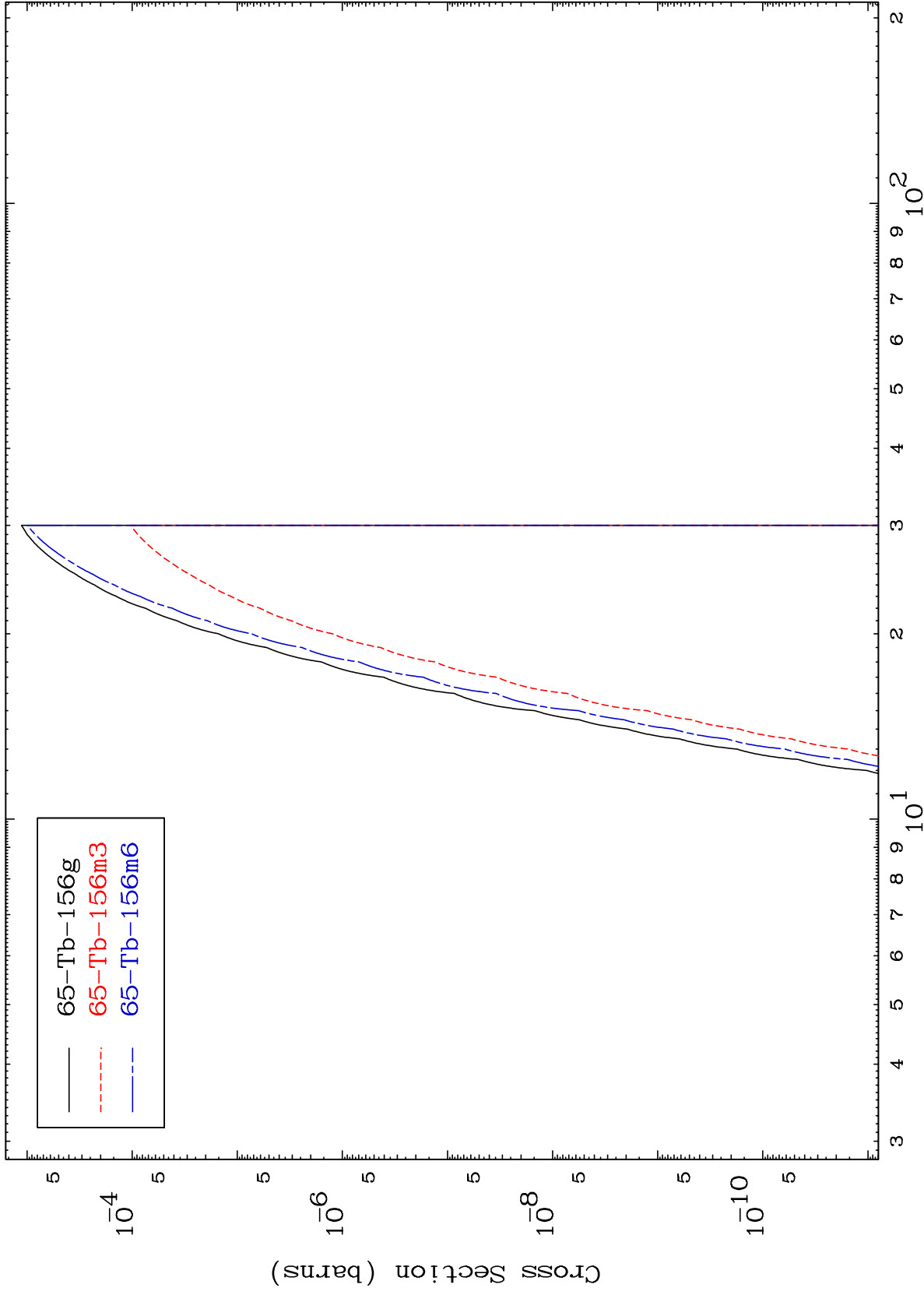


MAT 6704

(n,He-3)

67-Ho-158

Radionuclide Production Cross Section



65-Tb-156g
65-Tb-156m3
65-Tb-156m6

100

Incident Energy (MeV)

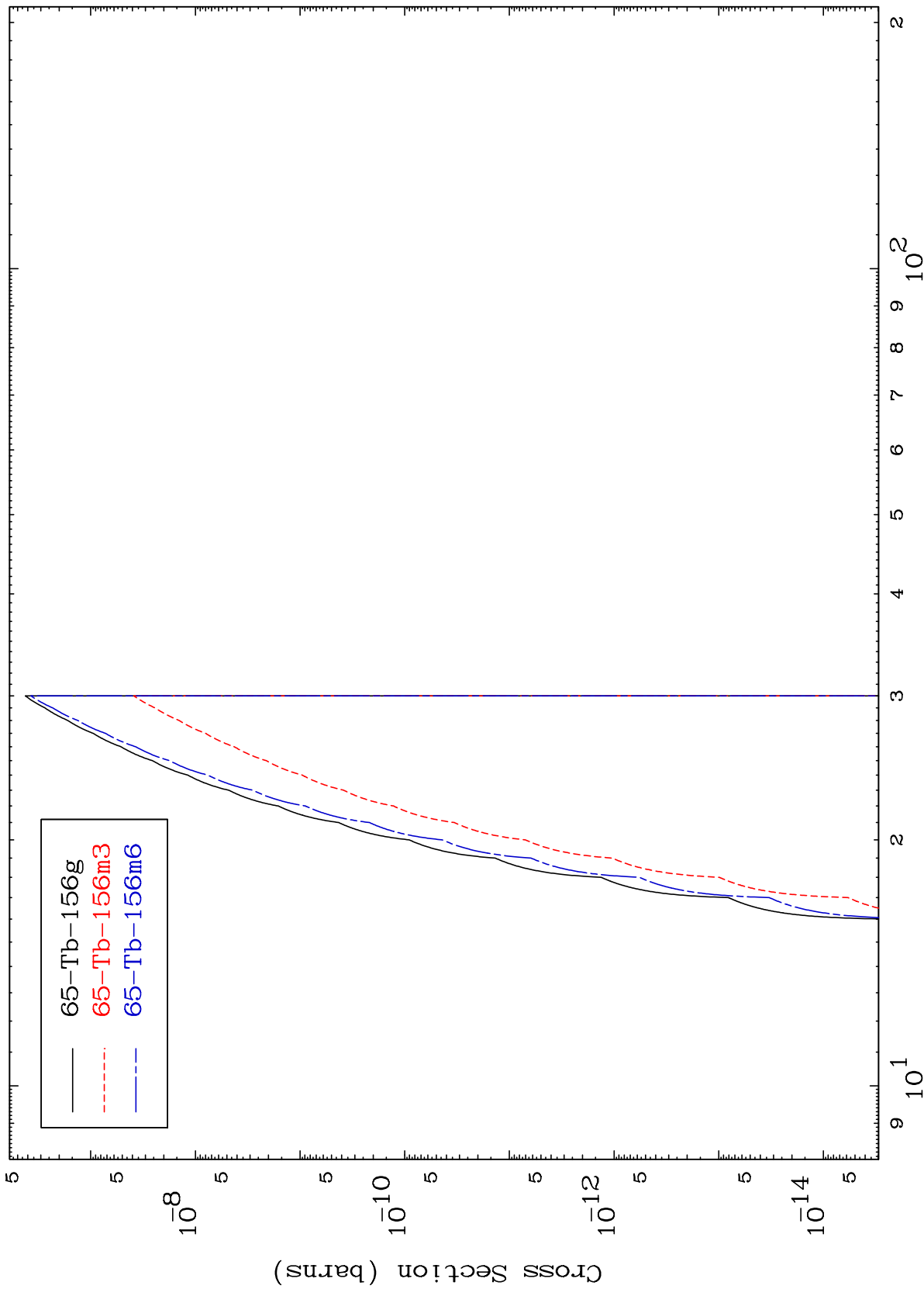
67-Ho-158

MAT 6704

(n,p) d

67-Ho-158

Radionuclide Production Cross Section



101

Incident Energy (MeV)

67-Ho-158