

Program EVALPLOT
(Version 2017-1)

by

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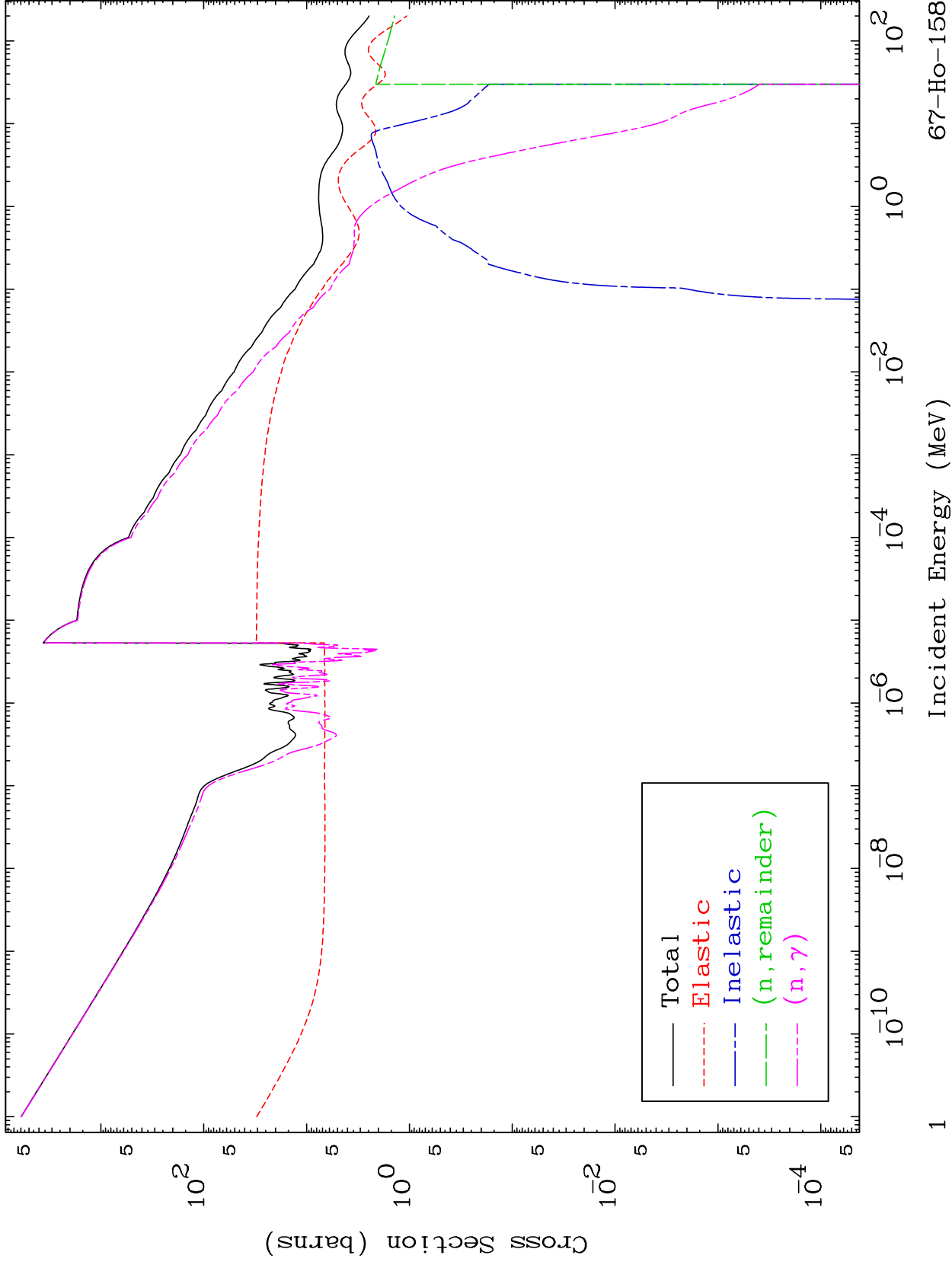
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6704

Major
293 Kelvin Cross Sections

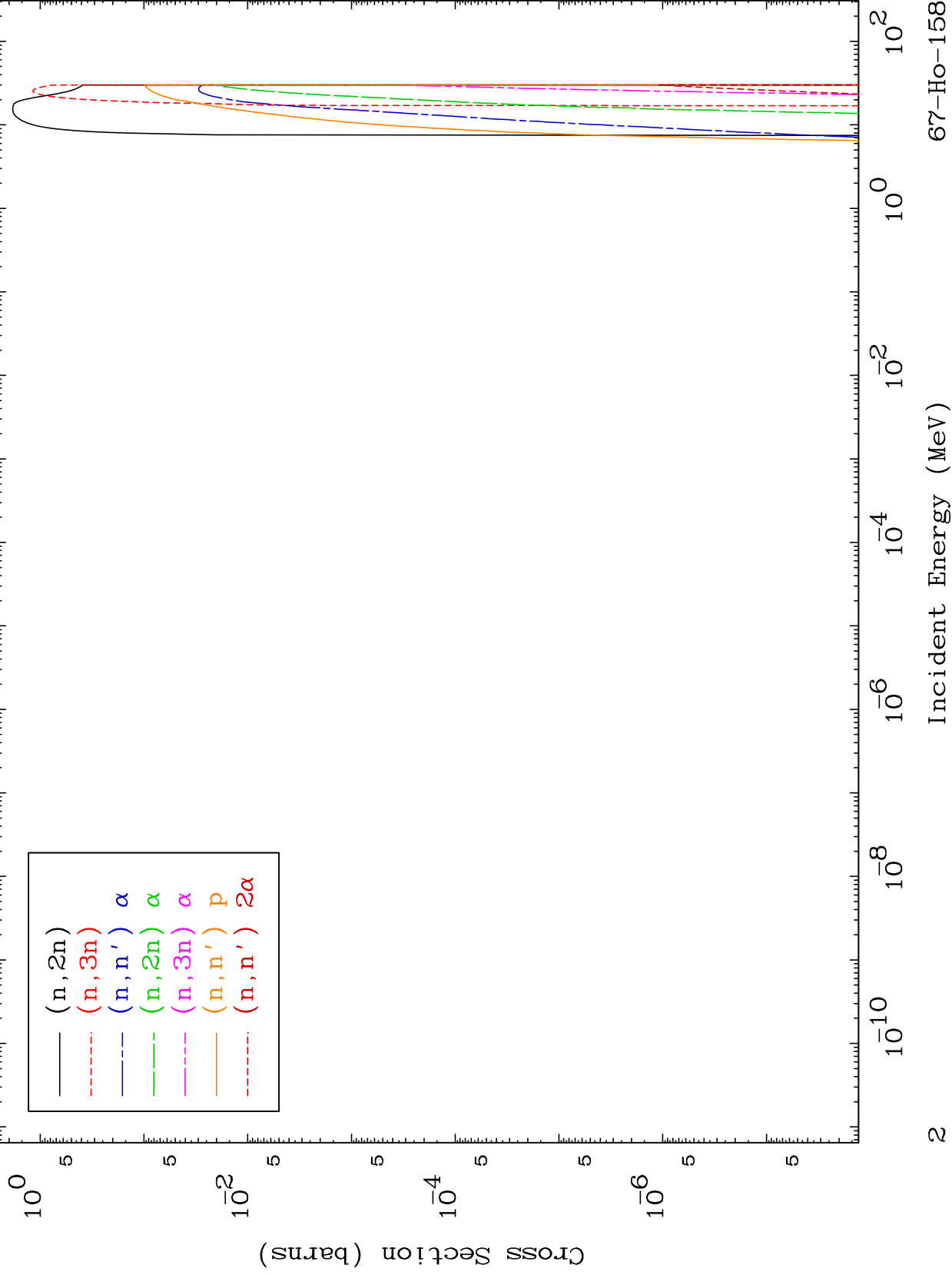
67-Ho-158

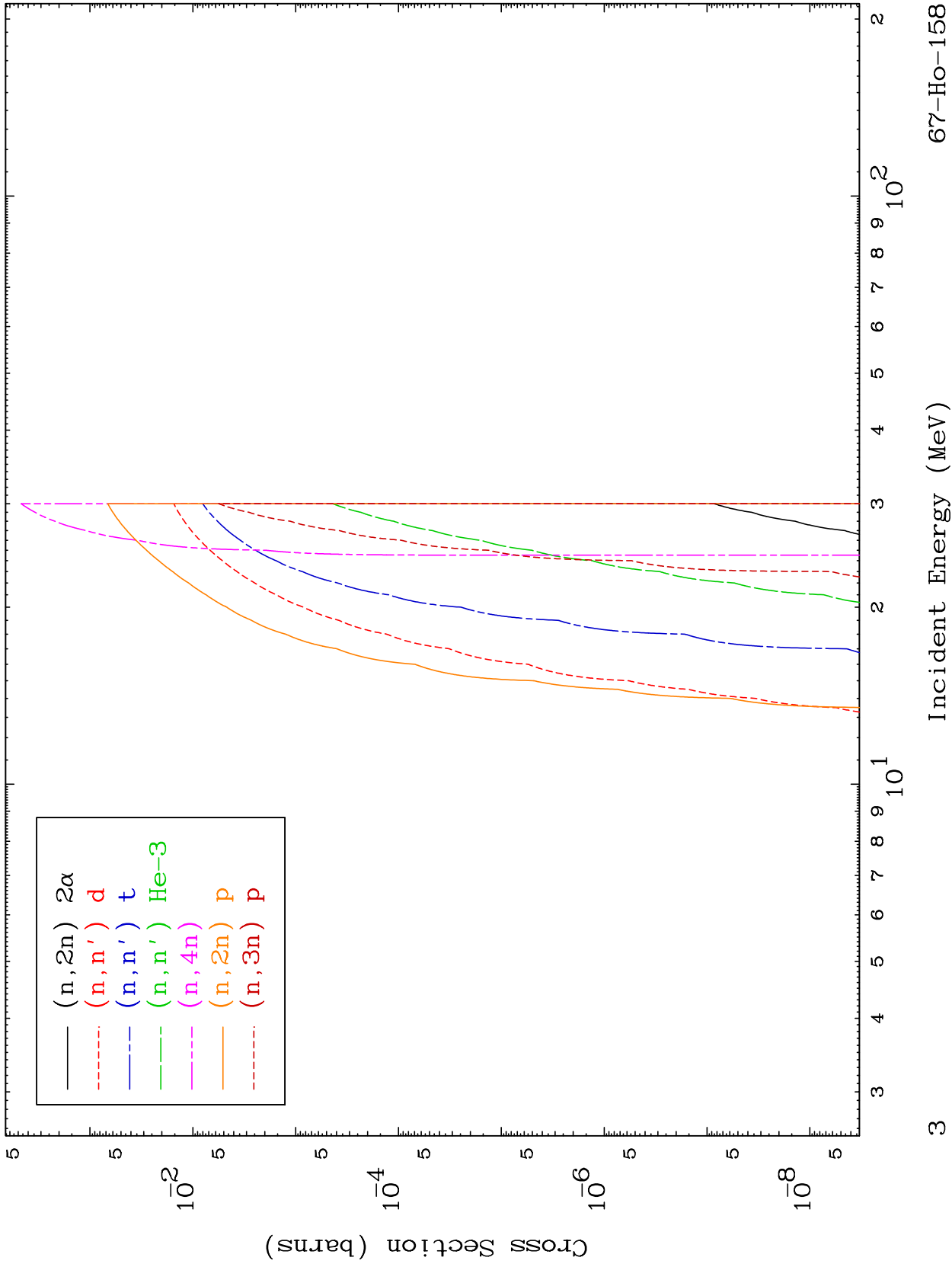


MAT 6704

Neutron Production
293 Kelvin Cross Sections

67-Ho-158

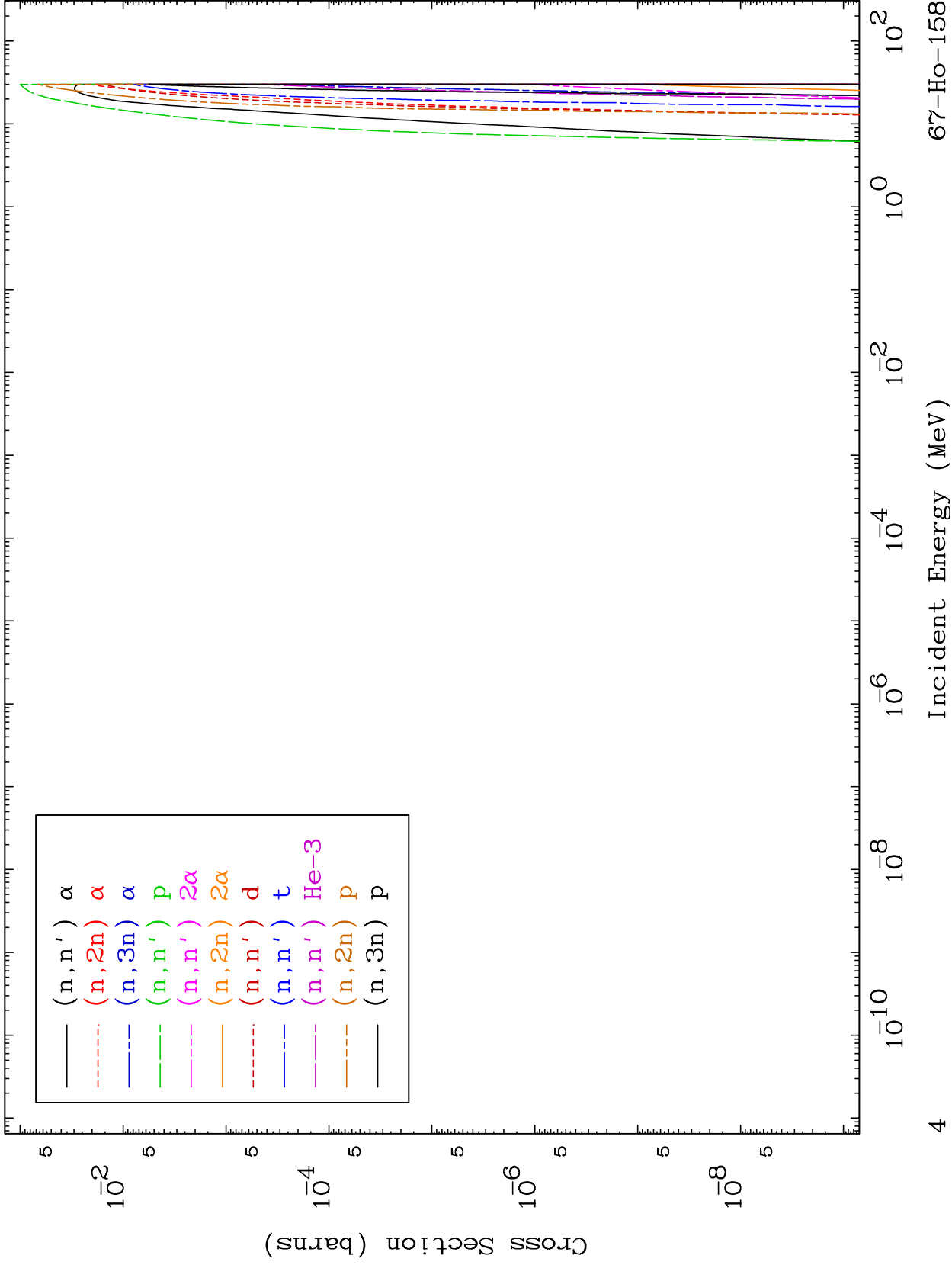




MAT 6704

Charged Particle
293 Kelvin Cross Sections

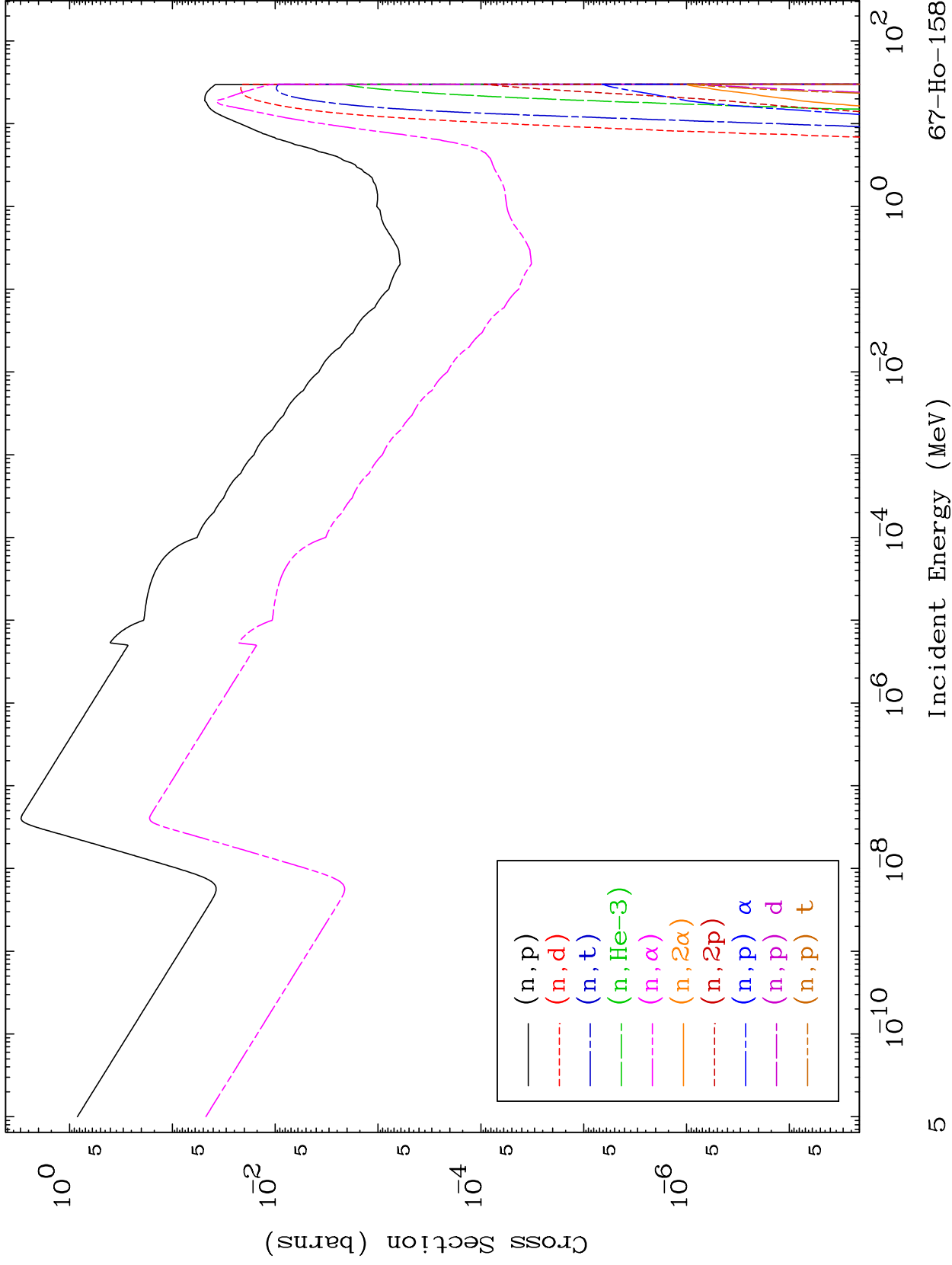
67-Ho-158



MAT 6704

Charged Particle
293 Kelvin Cross Sections

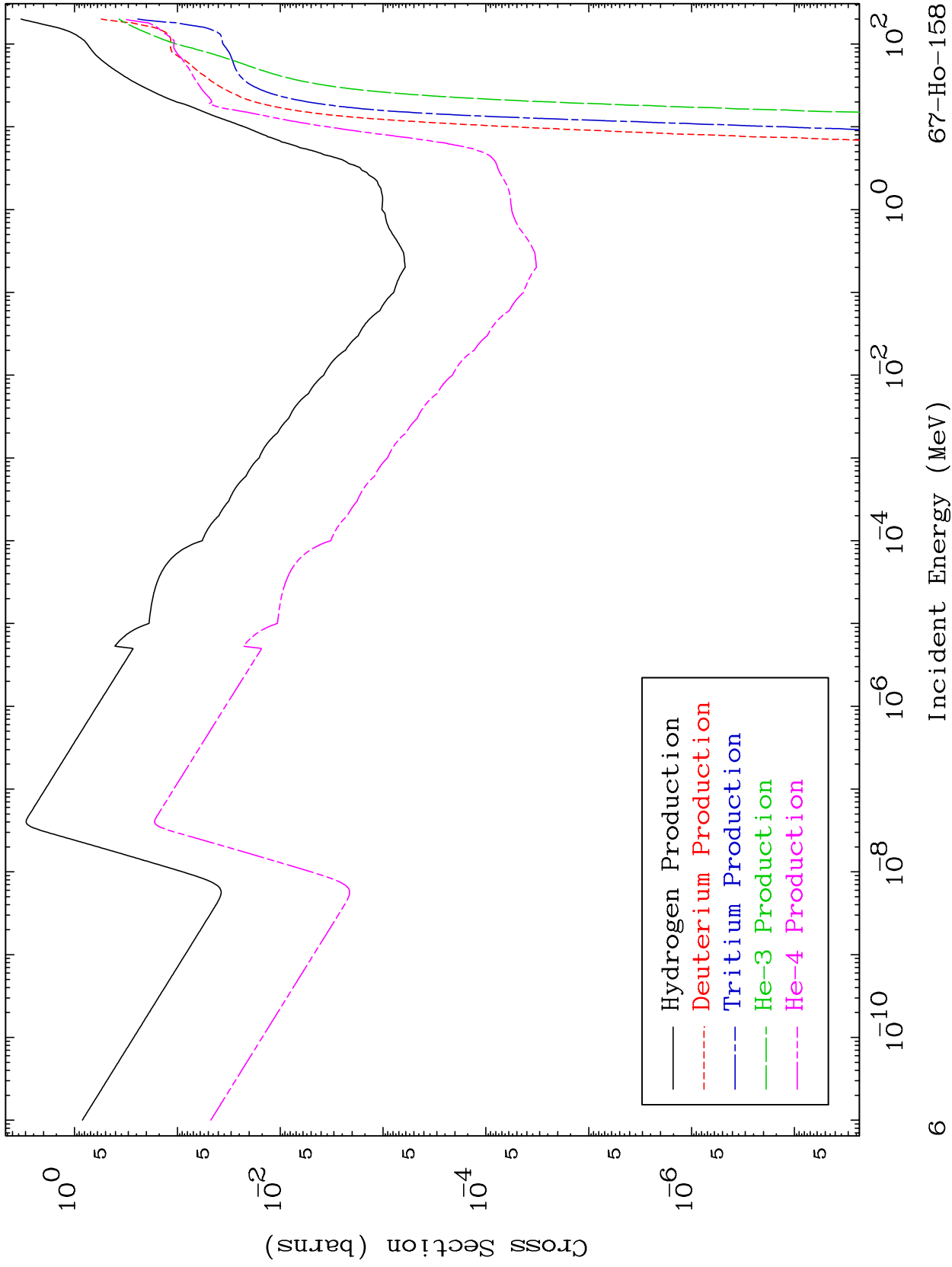
67-Ho-158



MAT 6704

Particle Production
293 Kelvin Cross Sections

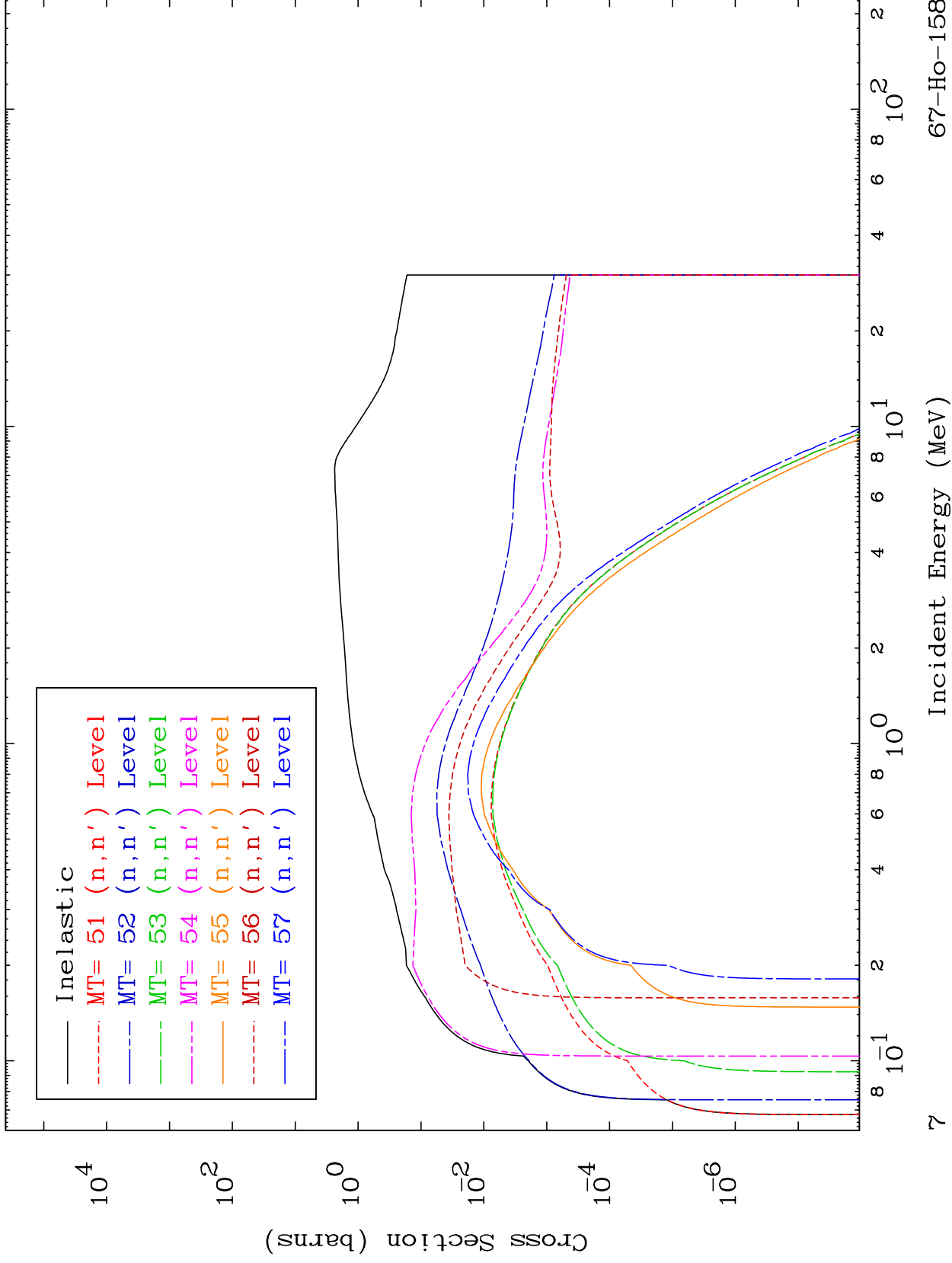
67-Ho-158



MAT 6704

(n,n') Level
293 Kelvin Cross Sections

67-Ho-158

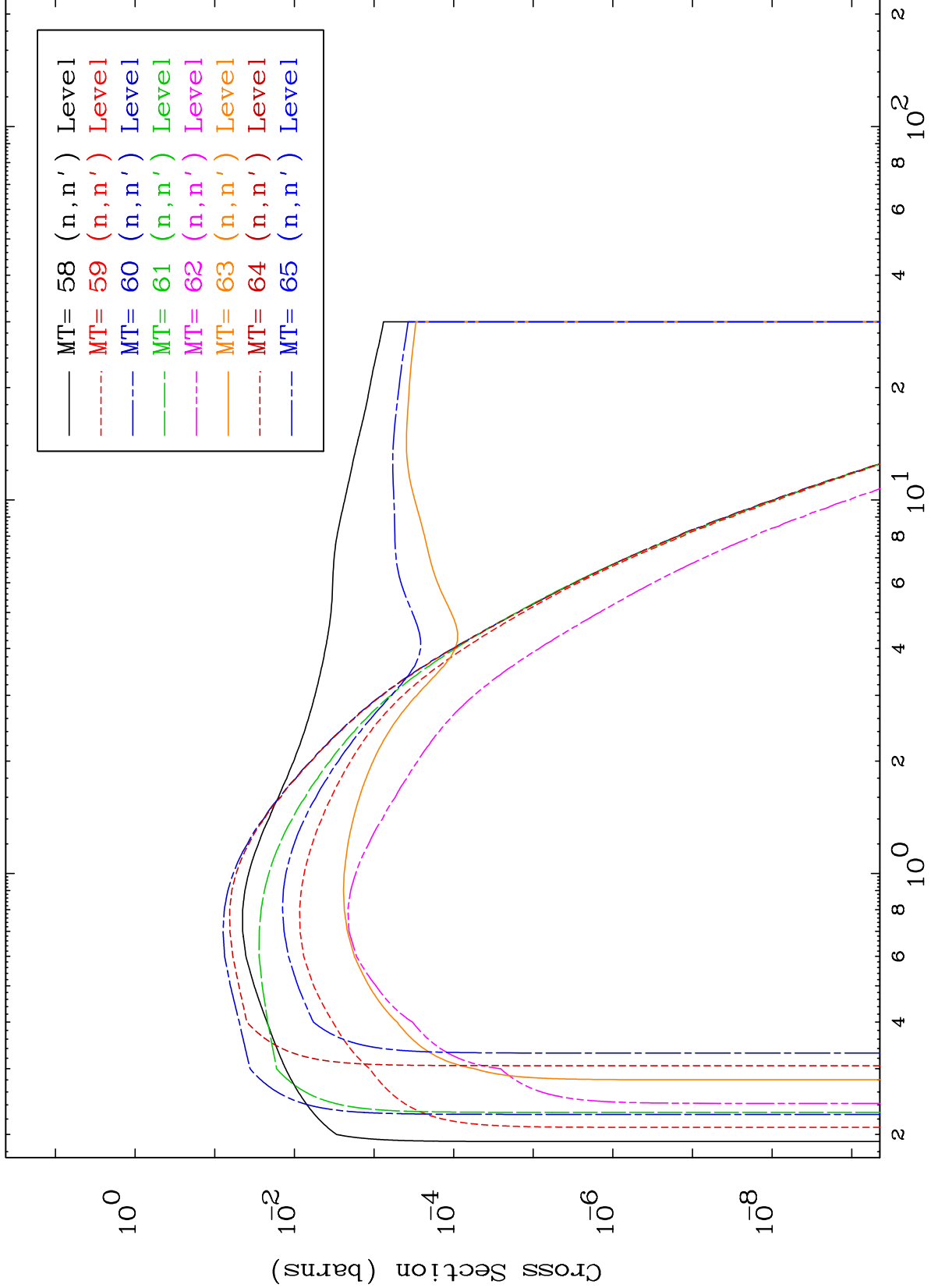


MAT 6704

(n,n') Level

293 Kelvin Cross Sections

67-Ho-158

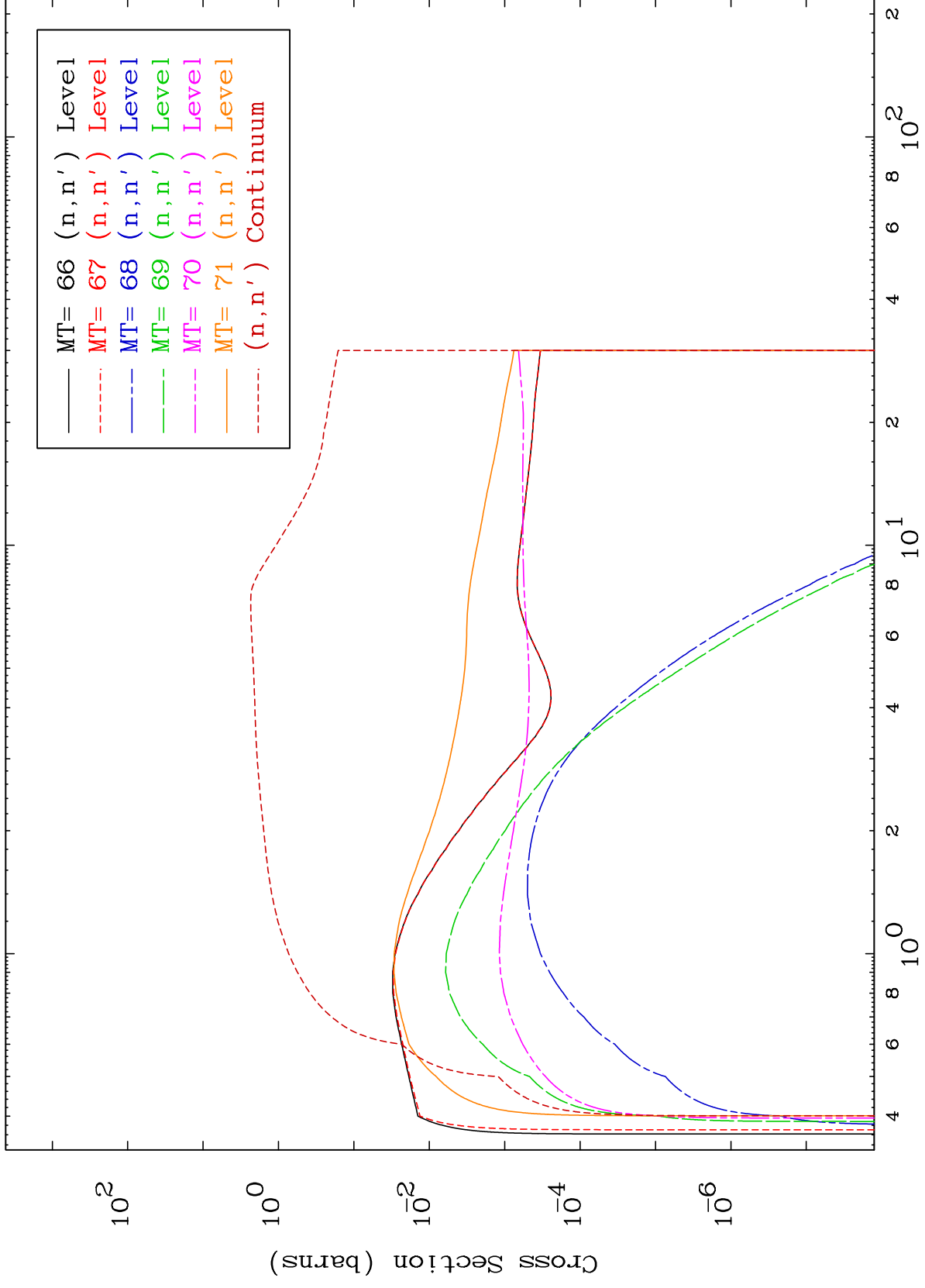


8

Incident Energy (MeV)

67-Ho-158

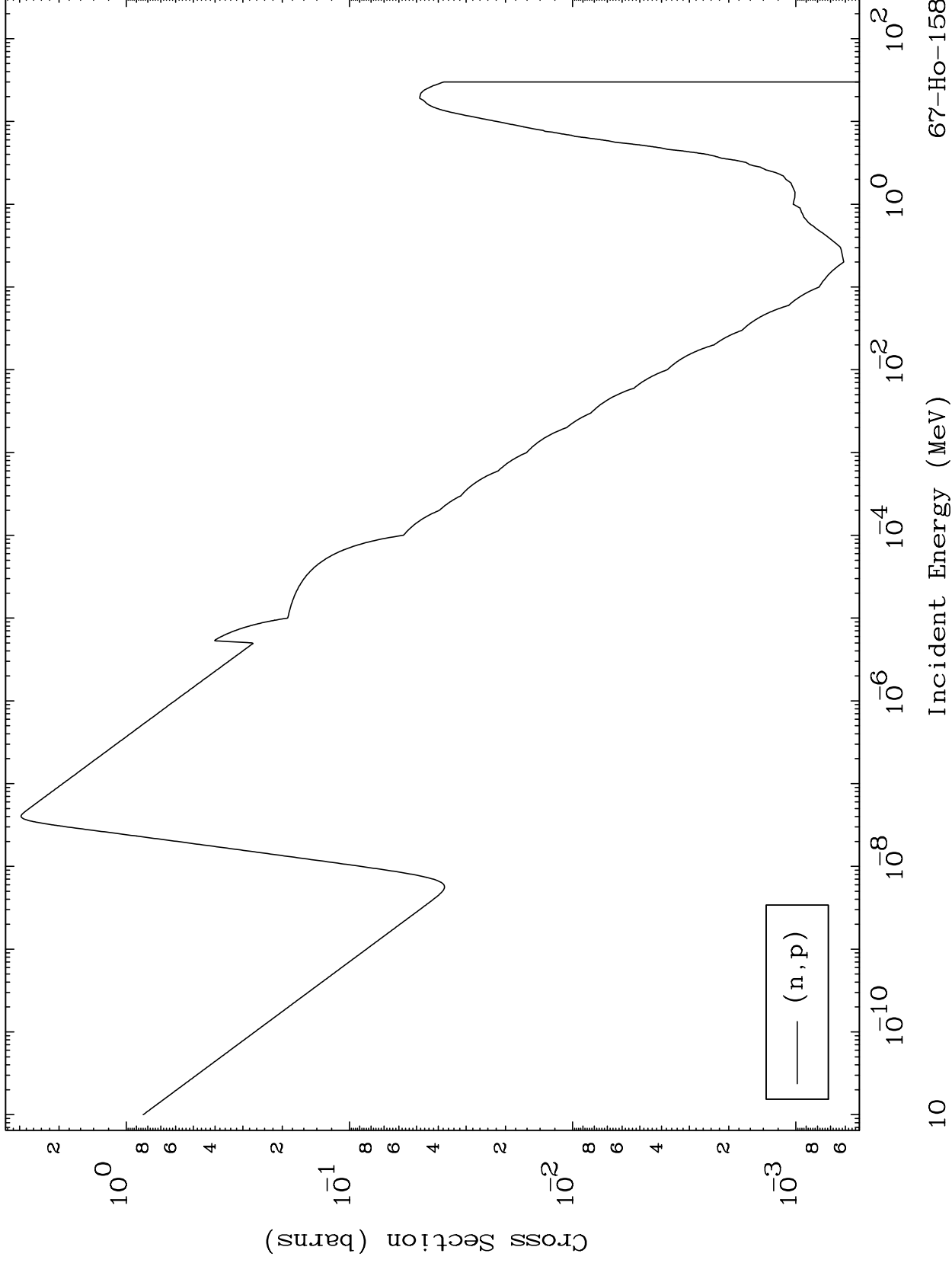
293 Kelvin Cross Sections



MAT 6704

(n,p) Levels
293 Kelvin Cross Sections

67-Ho-158



10

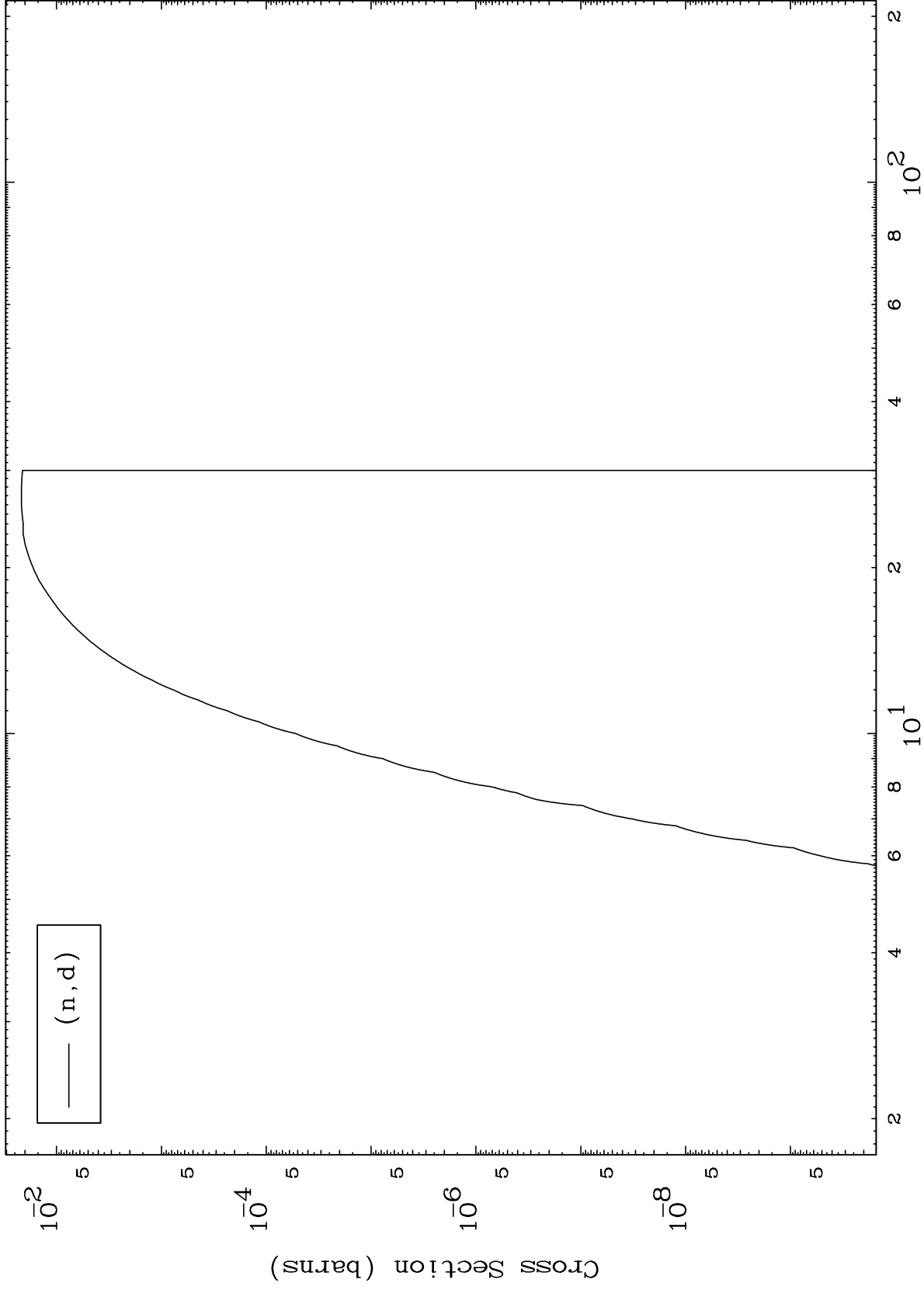
Incident Energy (MeV)

67-Ho-158

MAT 6704

(n,d) Levels
293 Kelvin Cross Sections

67-Ho-158



11

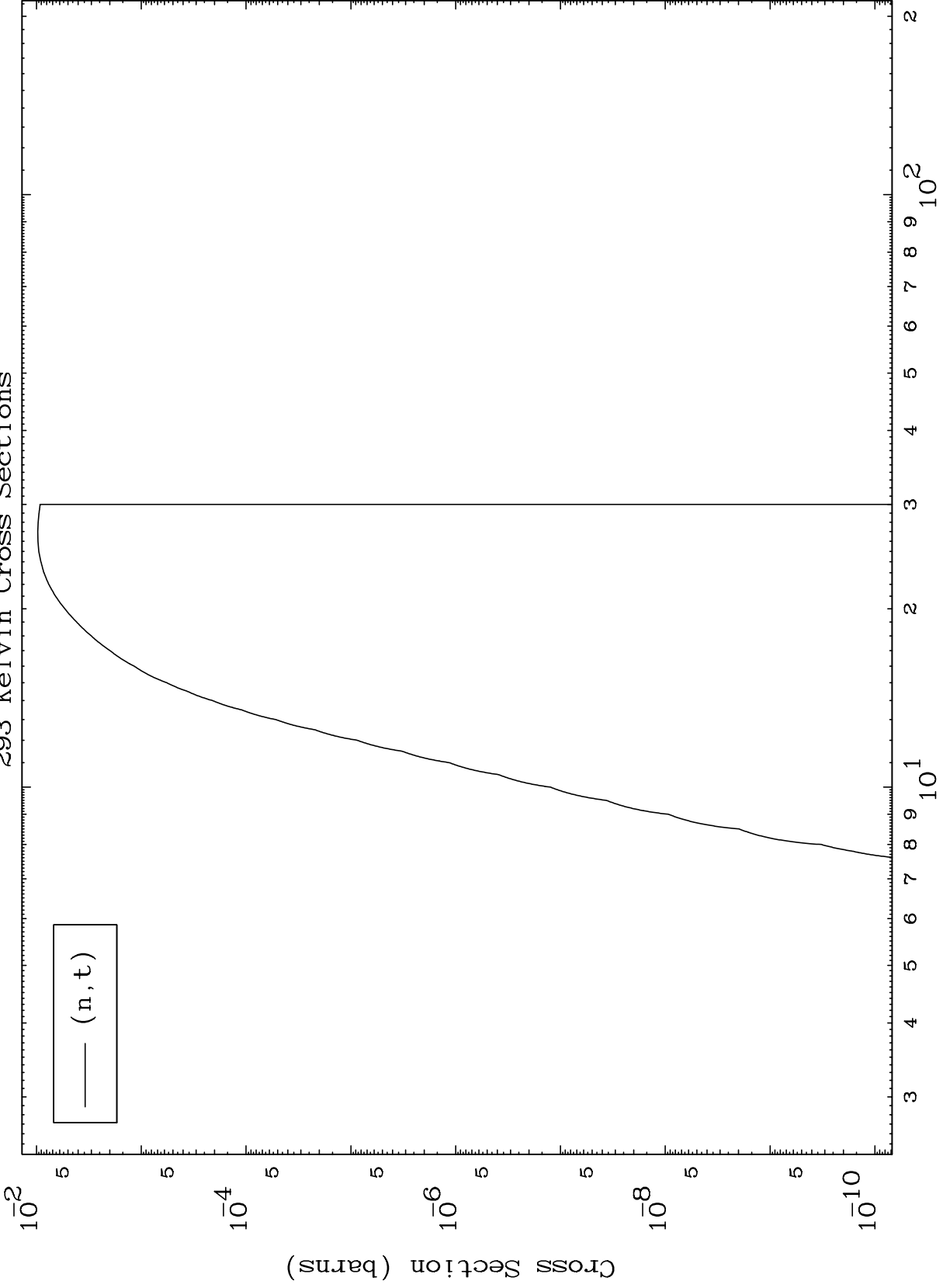
Incident Energy (MeV)

67-Ho-158

MAT 6704

(n,t) Levels
293 Kelvin Cross Sections

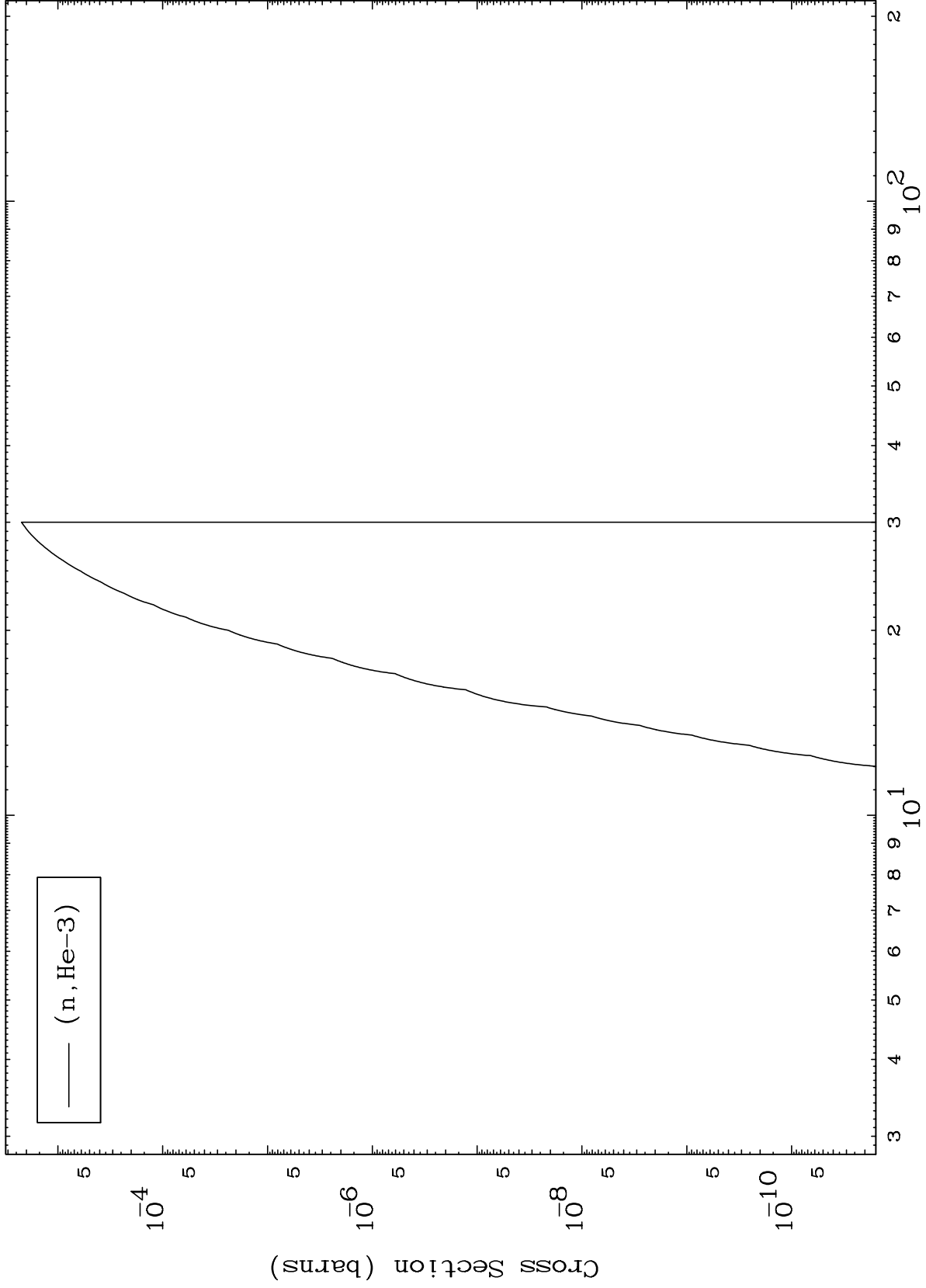
67-Ho-158



MAT 6704

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-158



13

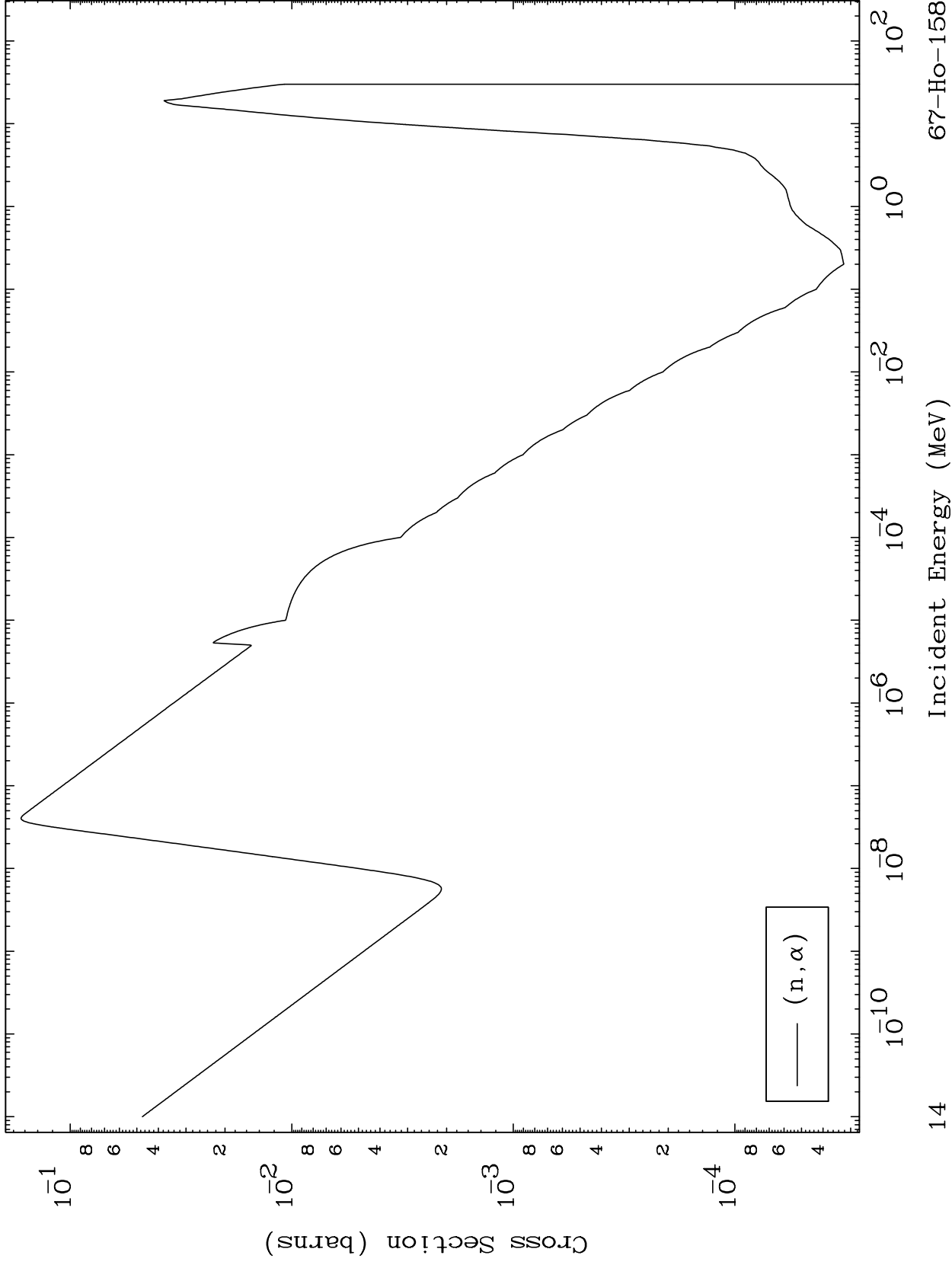
Incident Energy (MeV)

67-Ho-158

MAT 6704

(n,α) Levels
293 Kelvin Cross Sections

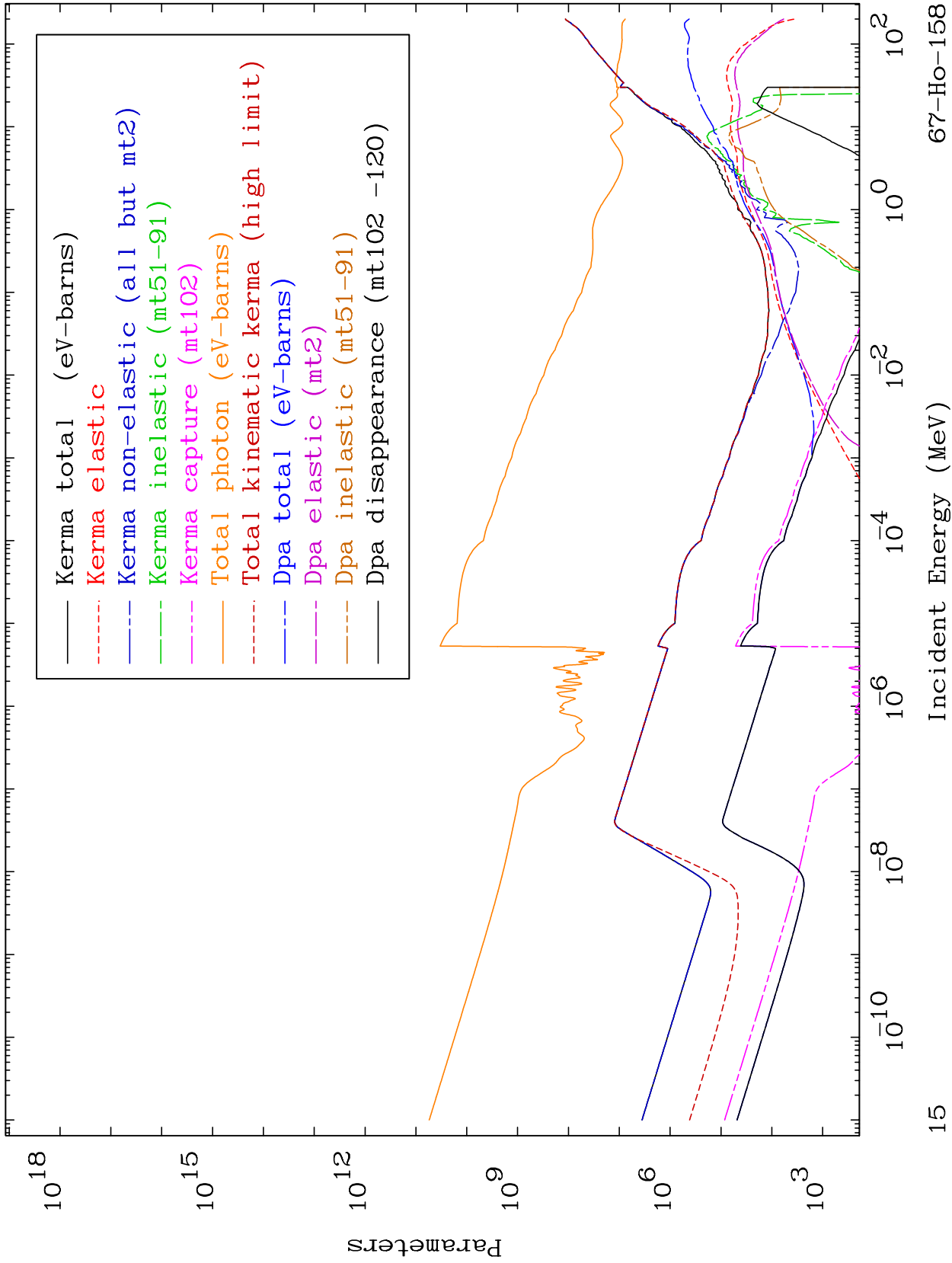
67-Ho-158



14

Incident Energy (MeV)

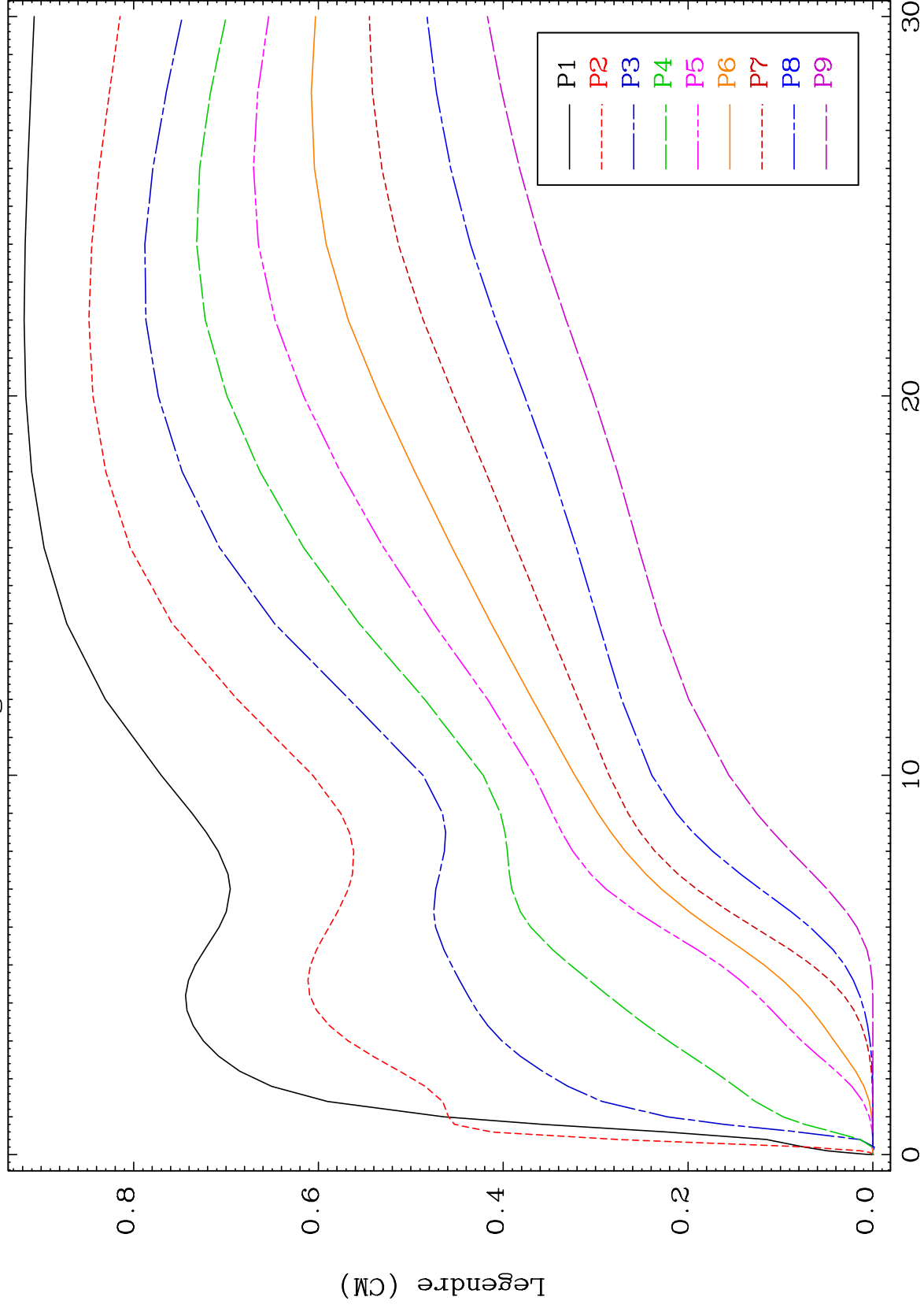
67-Ho-158



MAT 6704

Elastic Legendre Coefficients

67-Ho-158



16

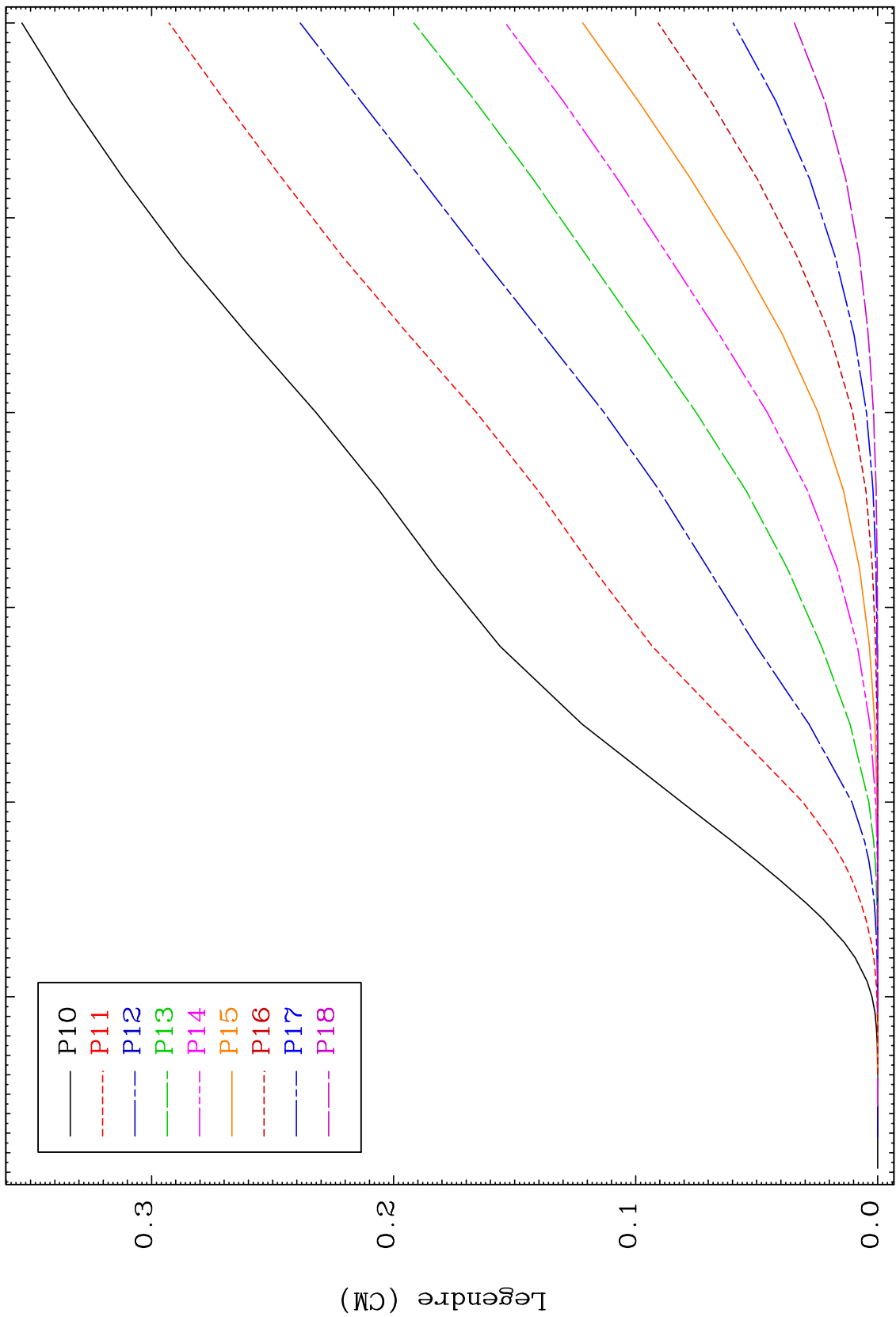
Incident Energy (MeV)

67-Ho-158

MAT 6704

Elastic
Legendre Coefficients

67-Ho-158



17

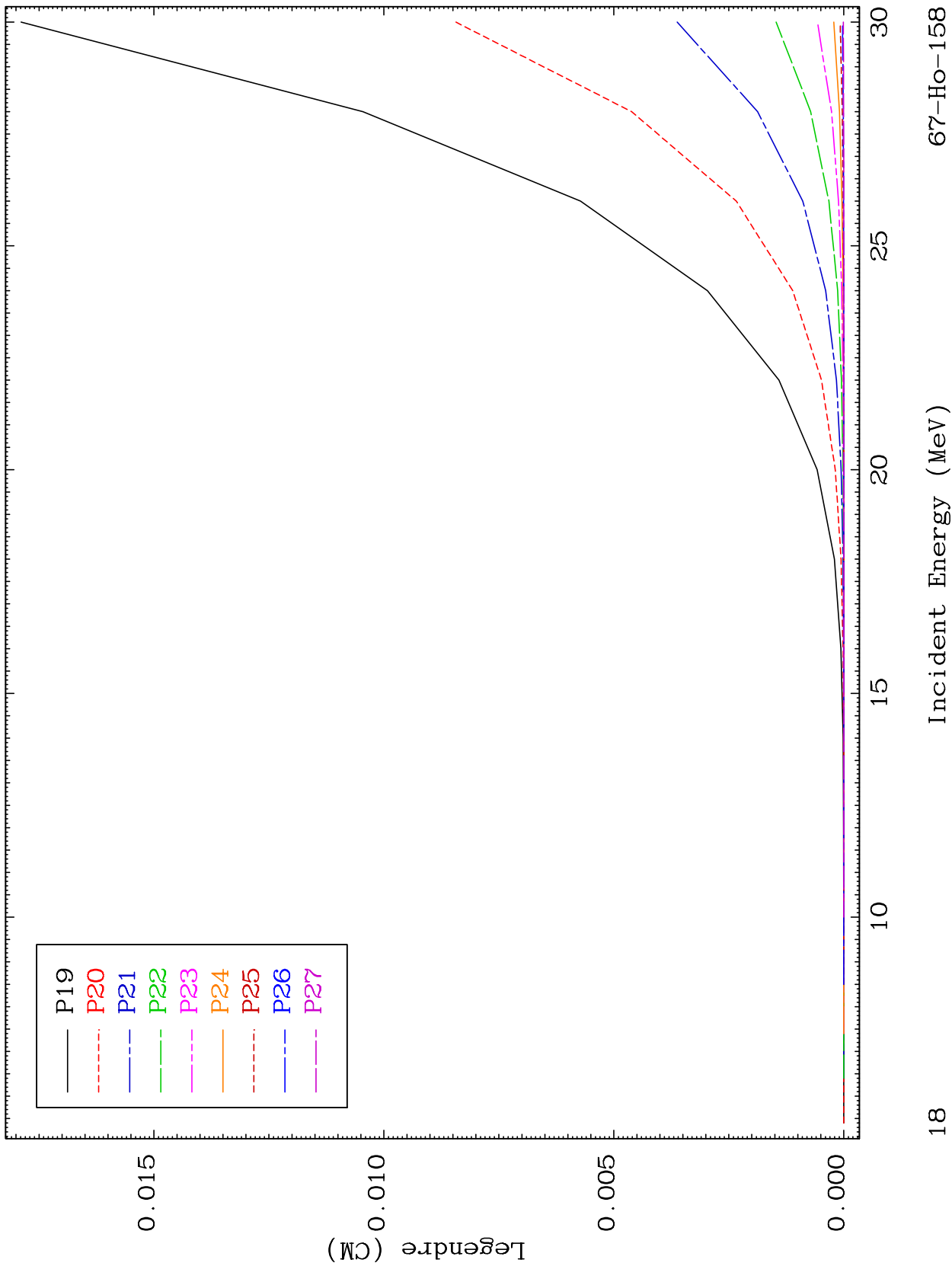
67-Ho-158

Incident Energy (MeV)

MAT 6704

Elastic Legendre Coefficients

67-Ho-158

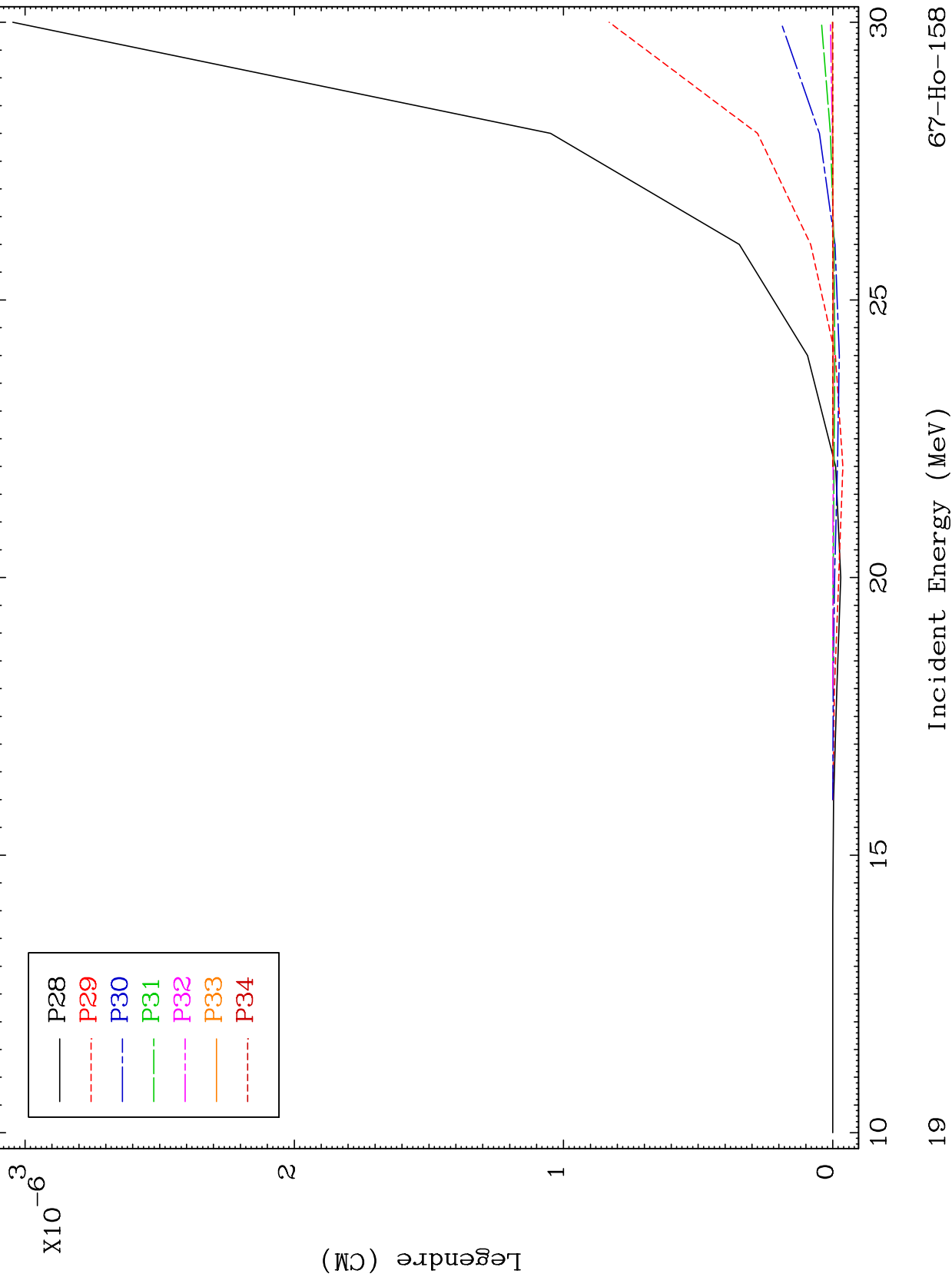


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 6704

Elastic Legendre Coefficients

67-Ho-158



19

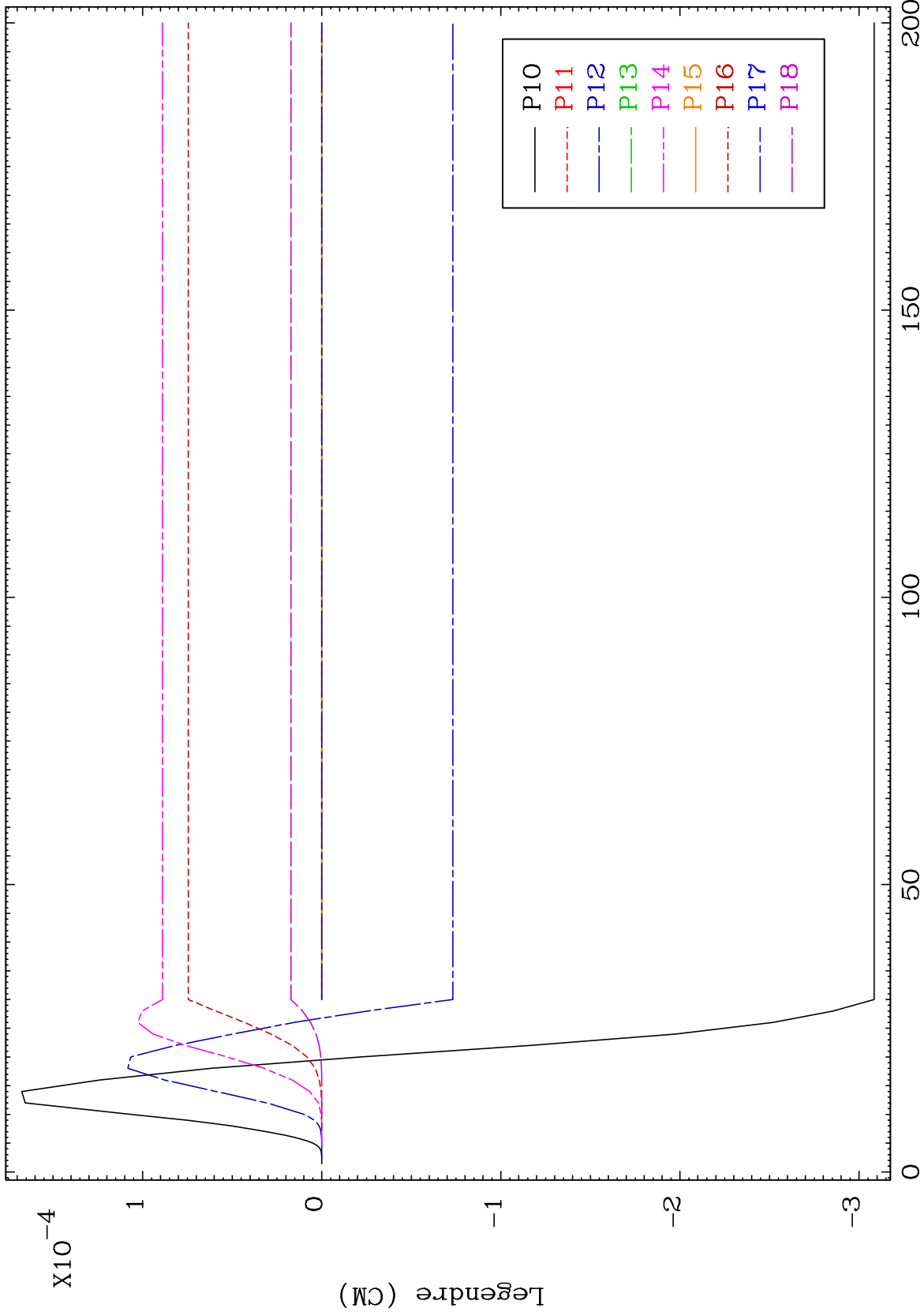
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

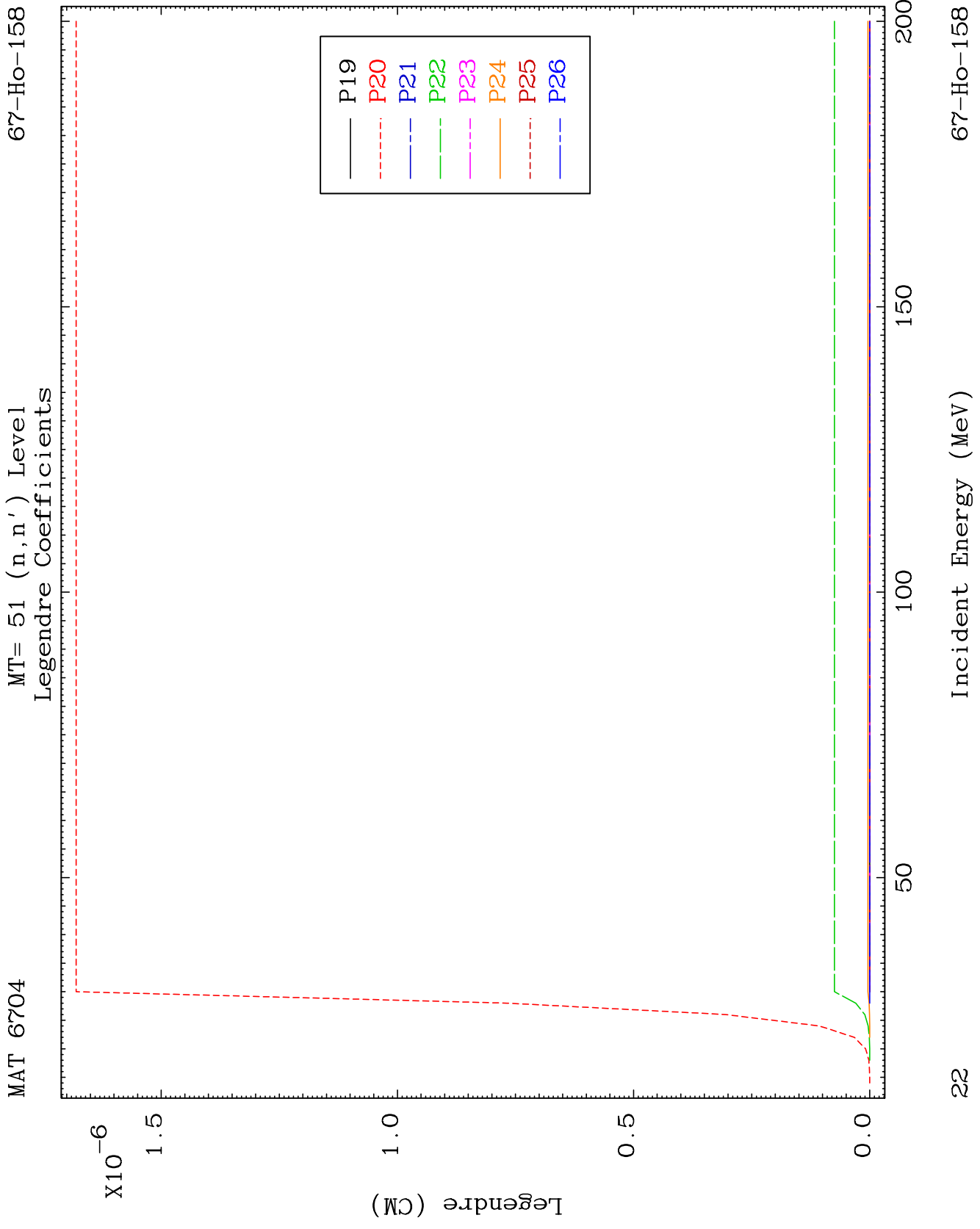
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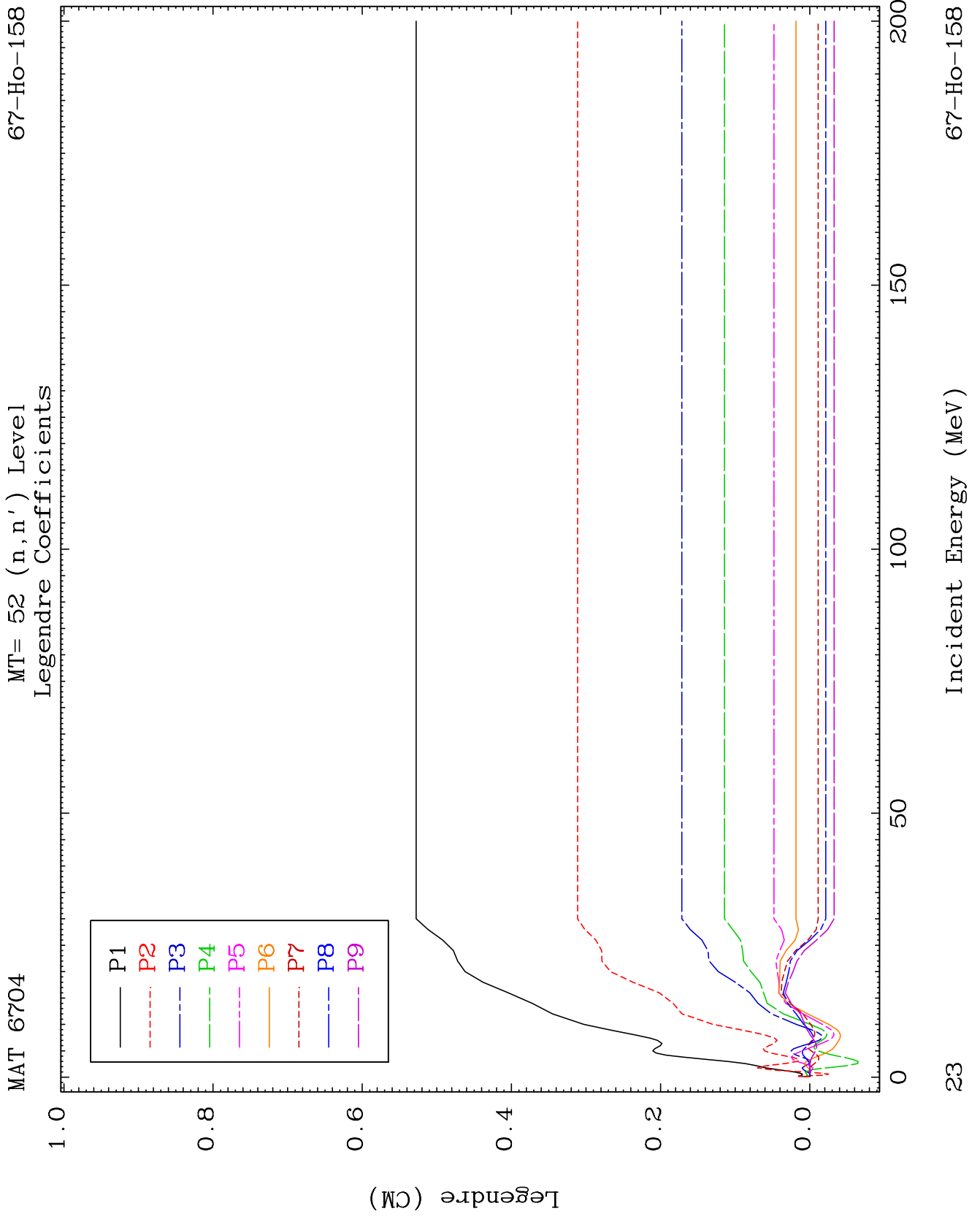


21

Incident Energy (MeV)

67-Ho-158

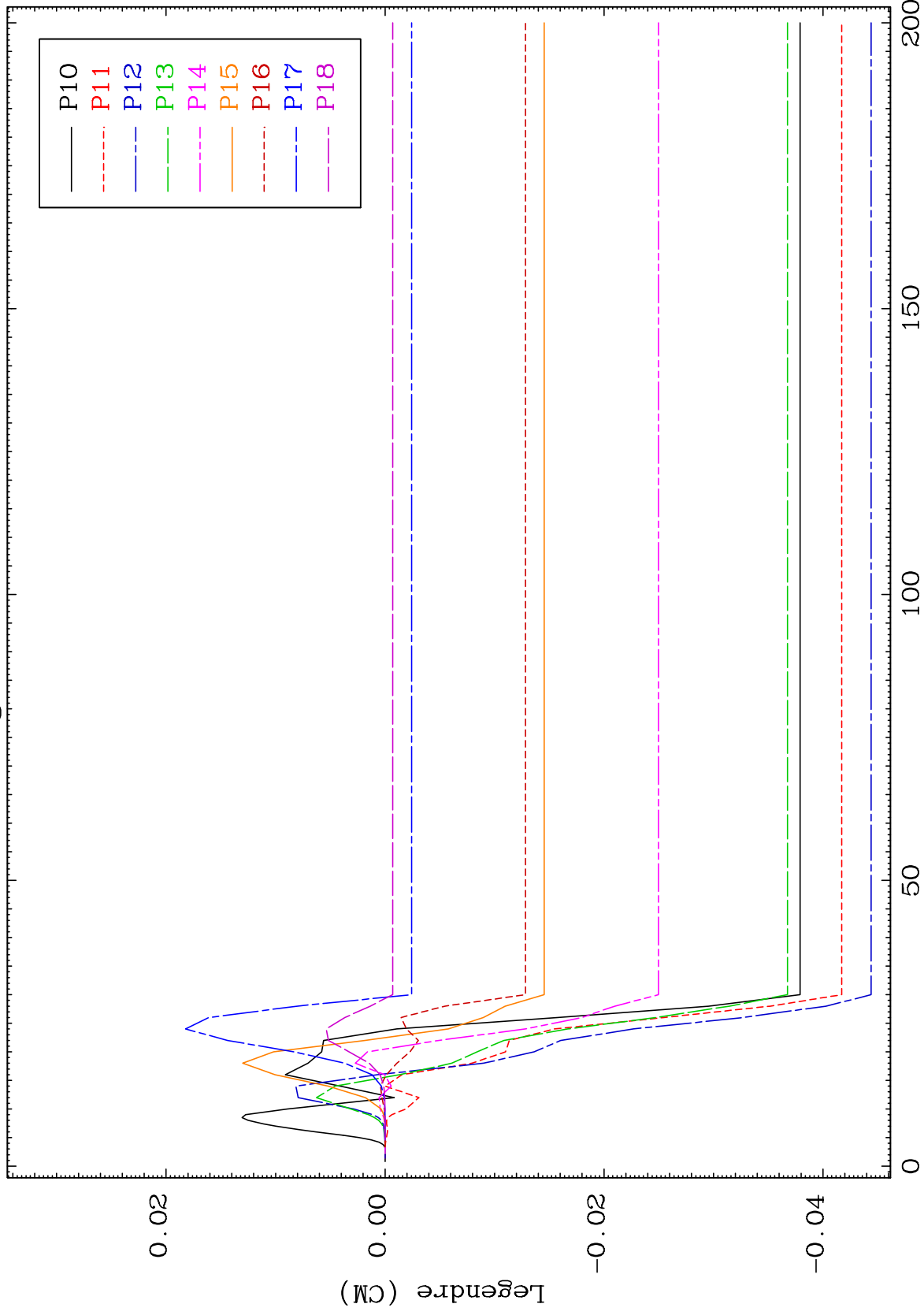




MAT 6704

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

67-Ho-158



24

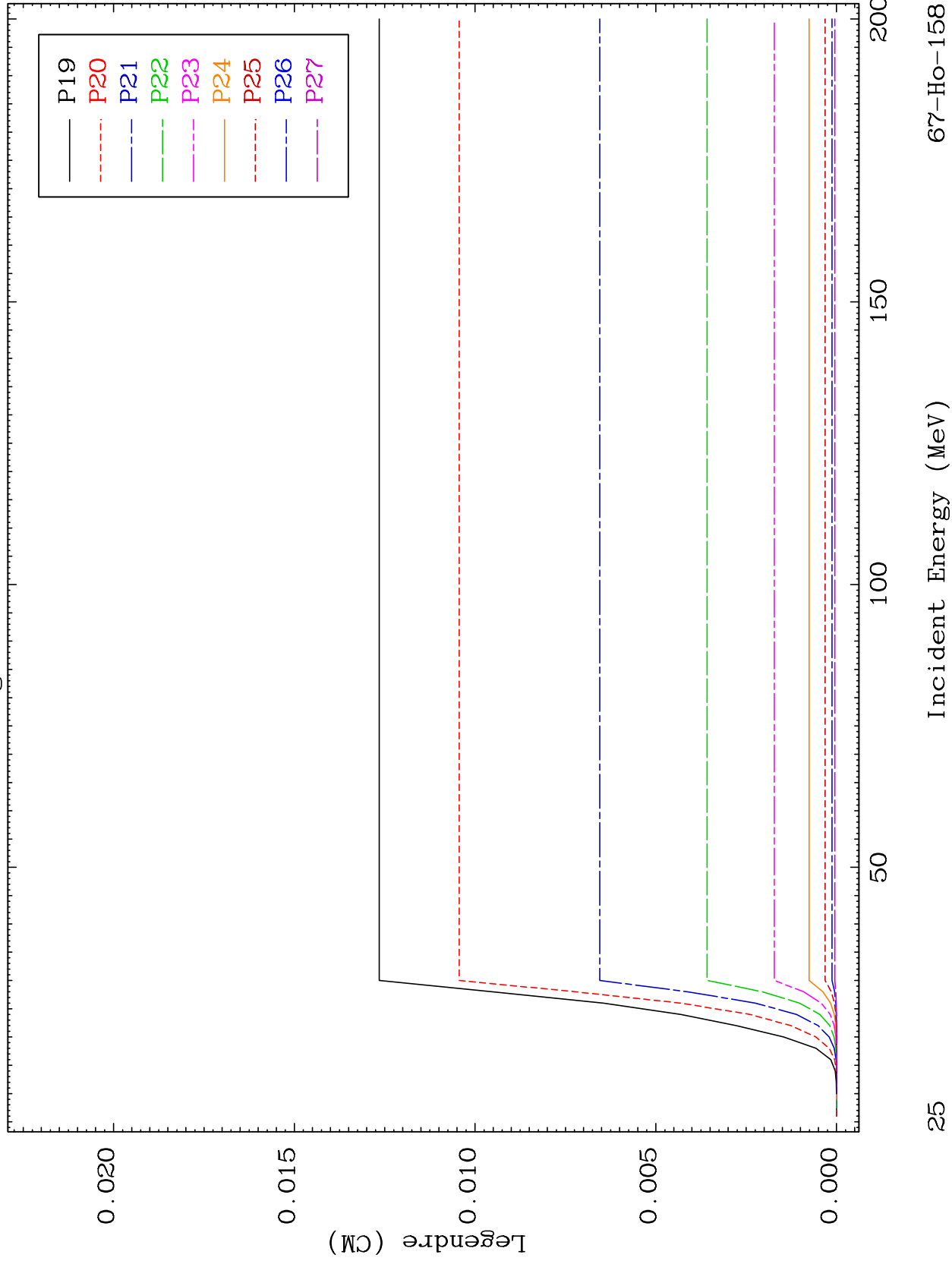
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



67-Ho-158

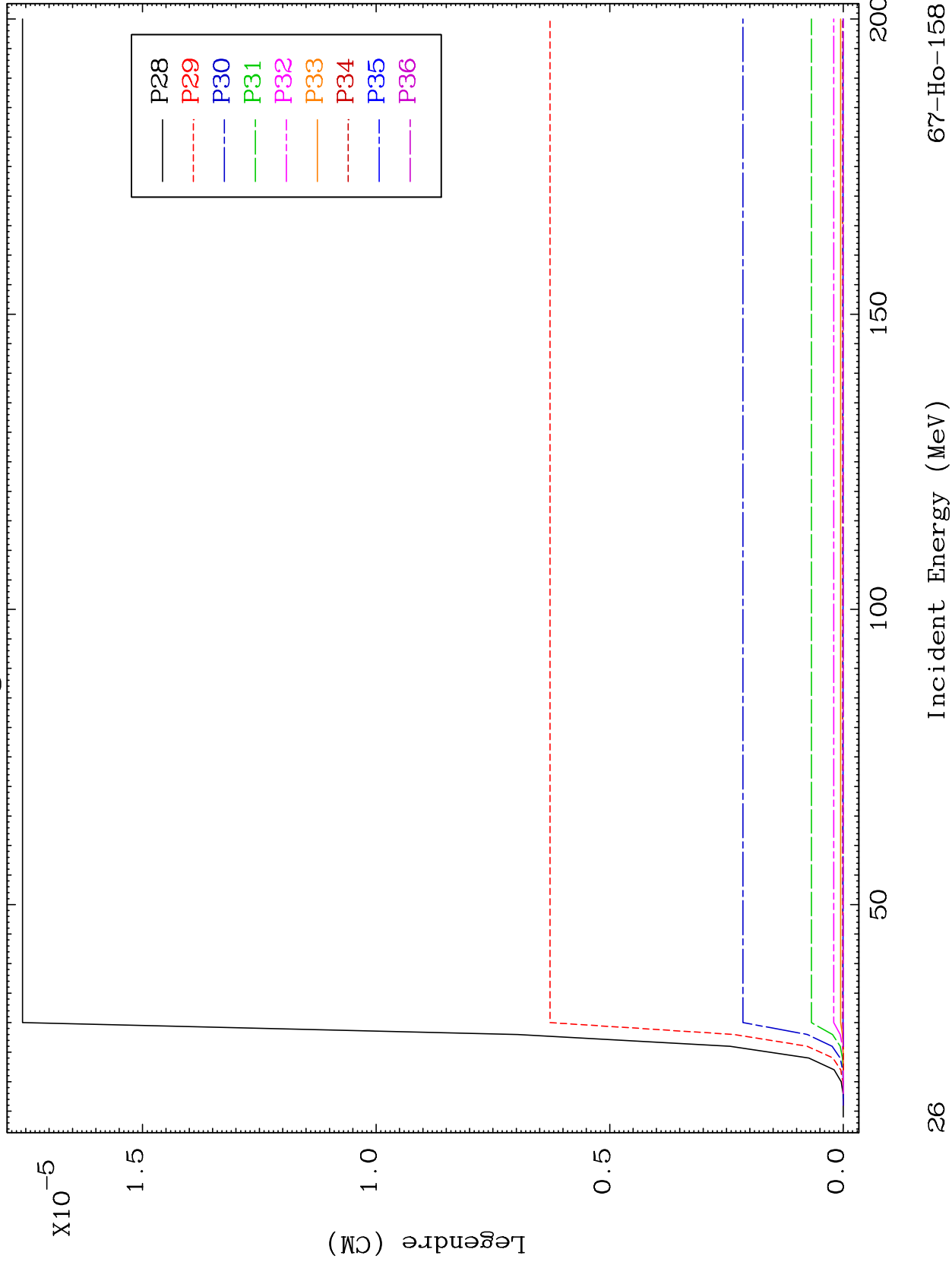
Incident Energy (MeV)

25

MAT 6704

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

67-Ho-158



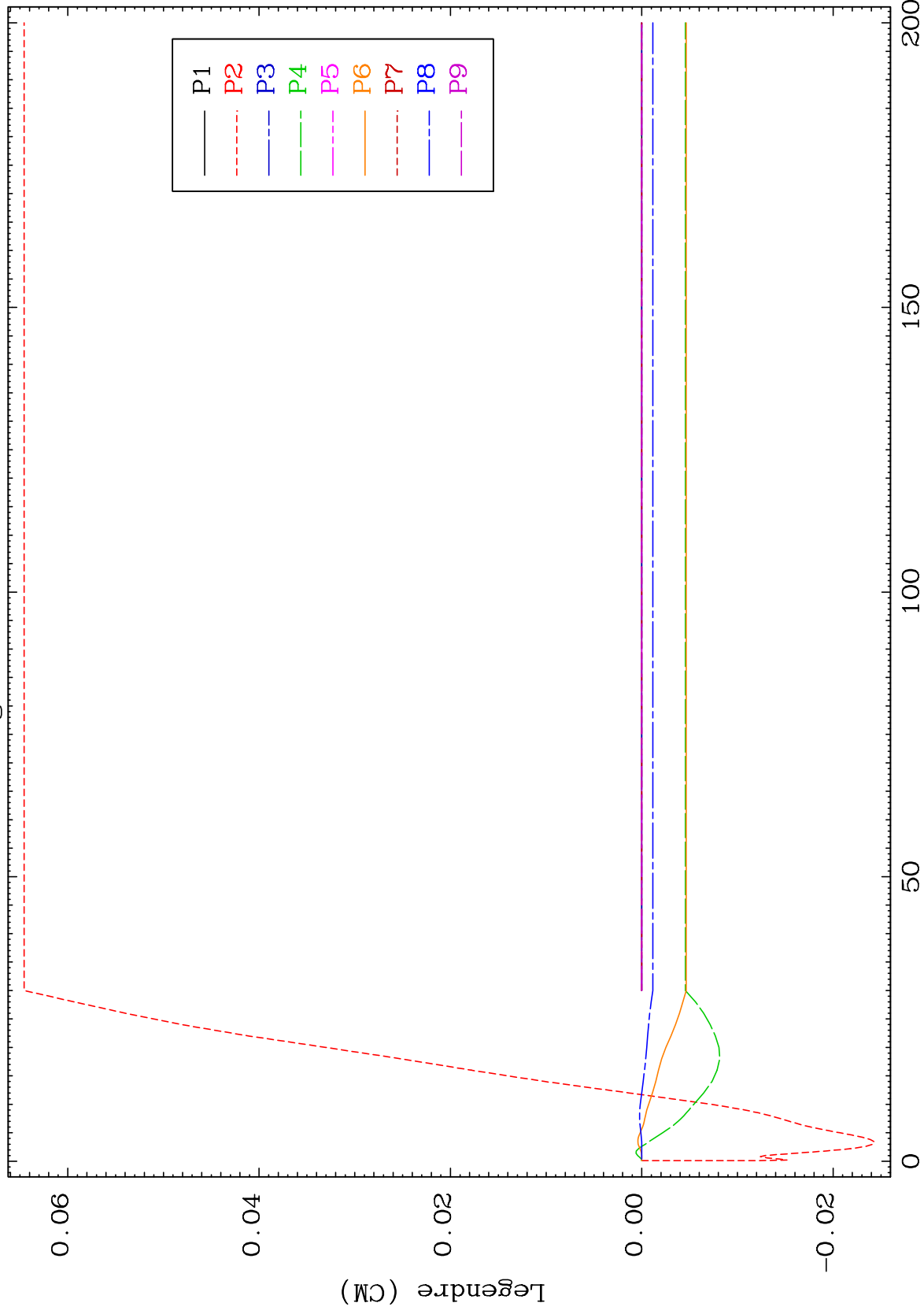
67-Ho-158

26

MAT 6704

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

67-Ho-158



27

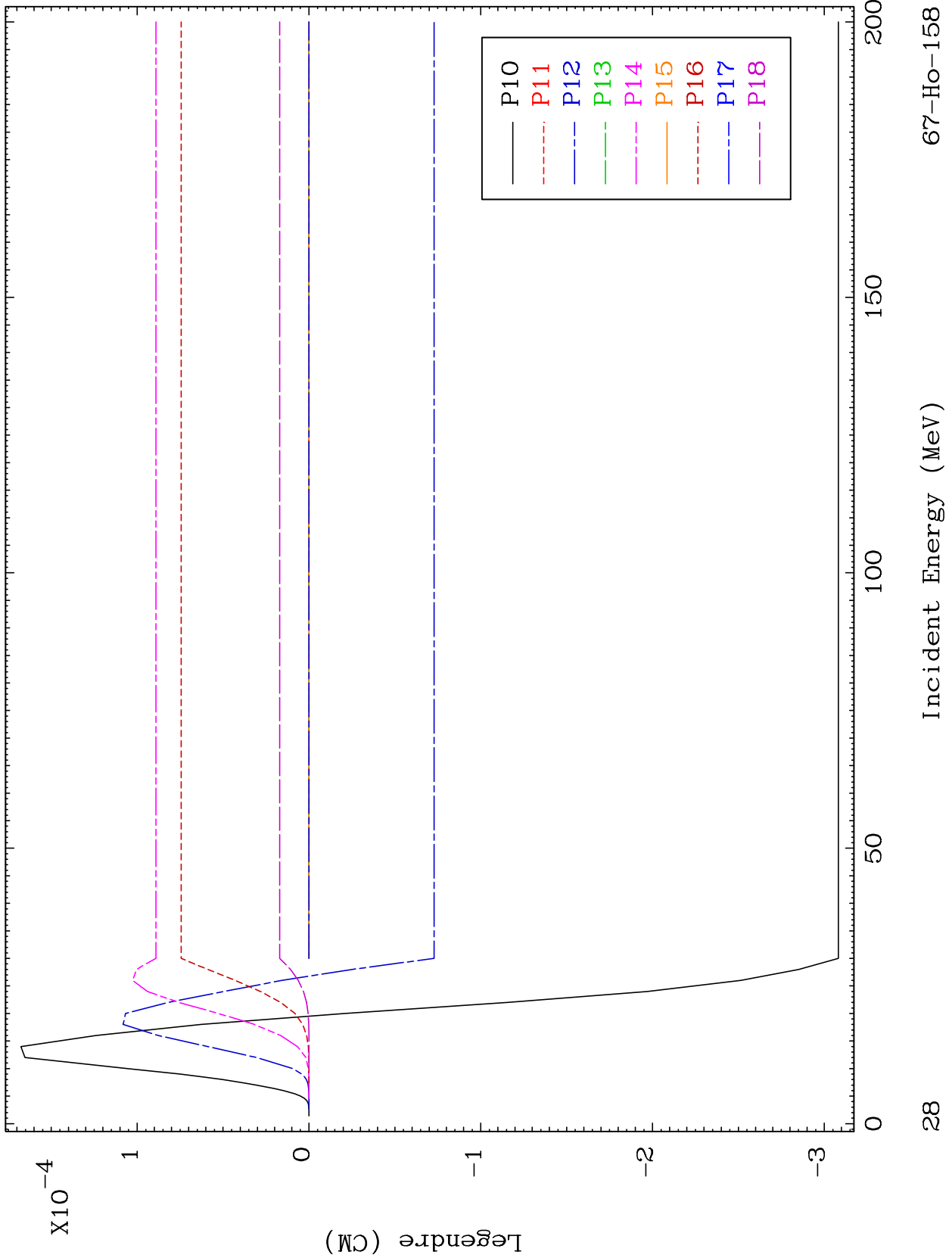
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



67-Ho-158

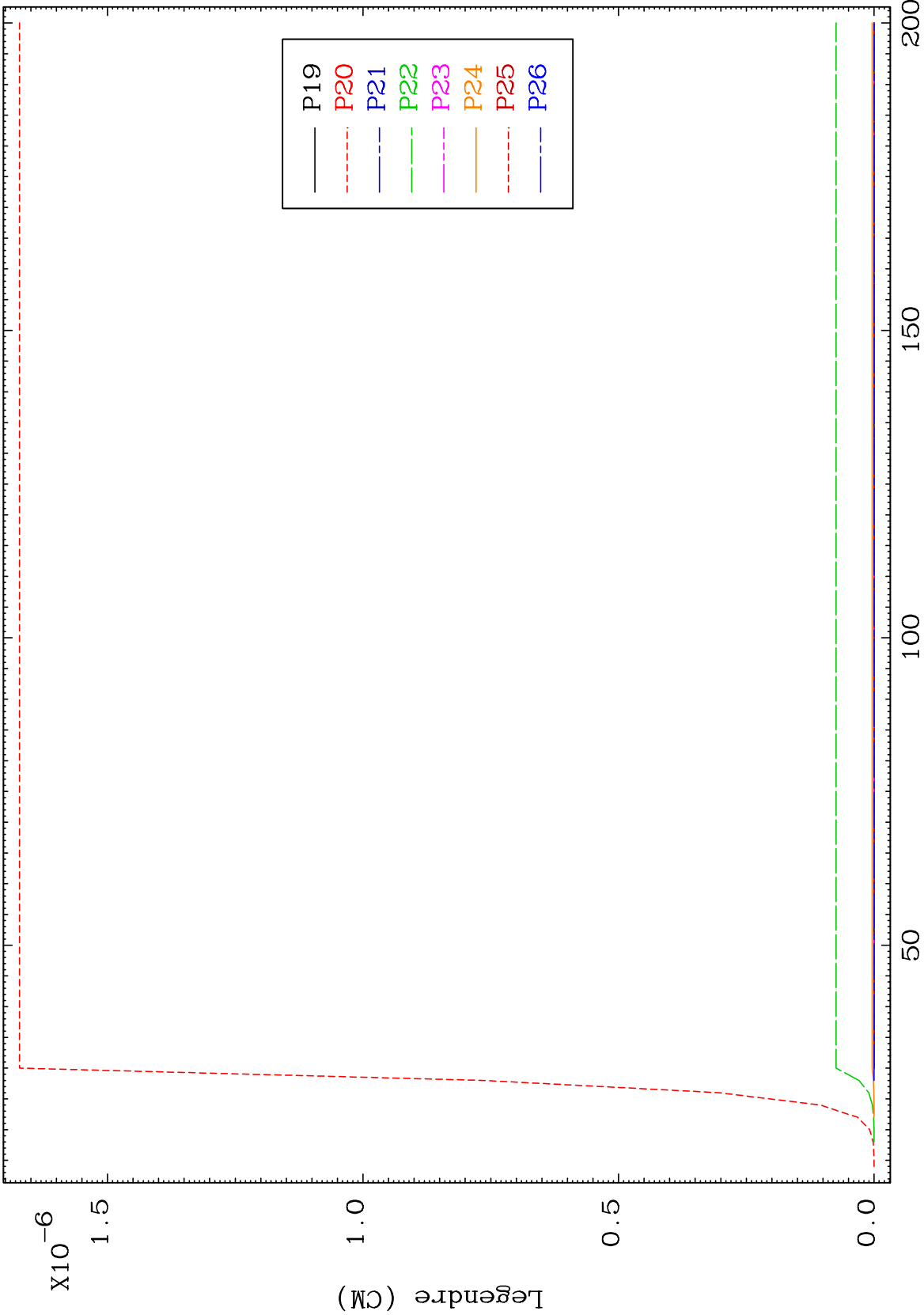
Incident Energy (MeV)

28

MAT 6704

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

67-Ho-158



67-Ho-158

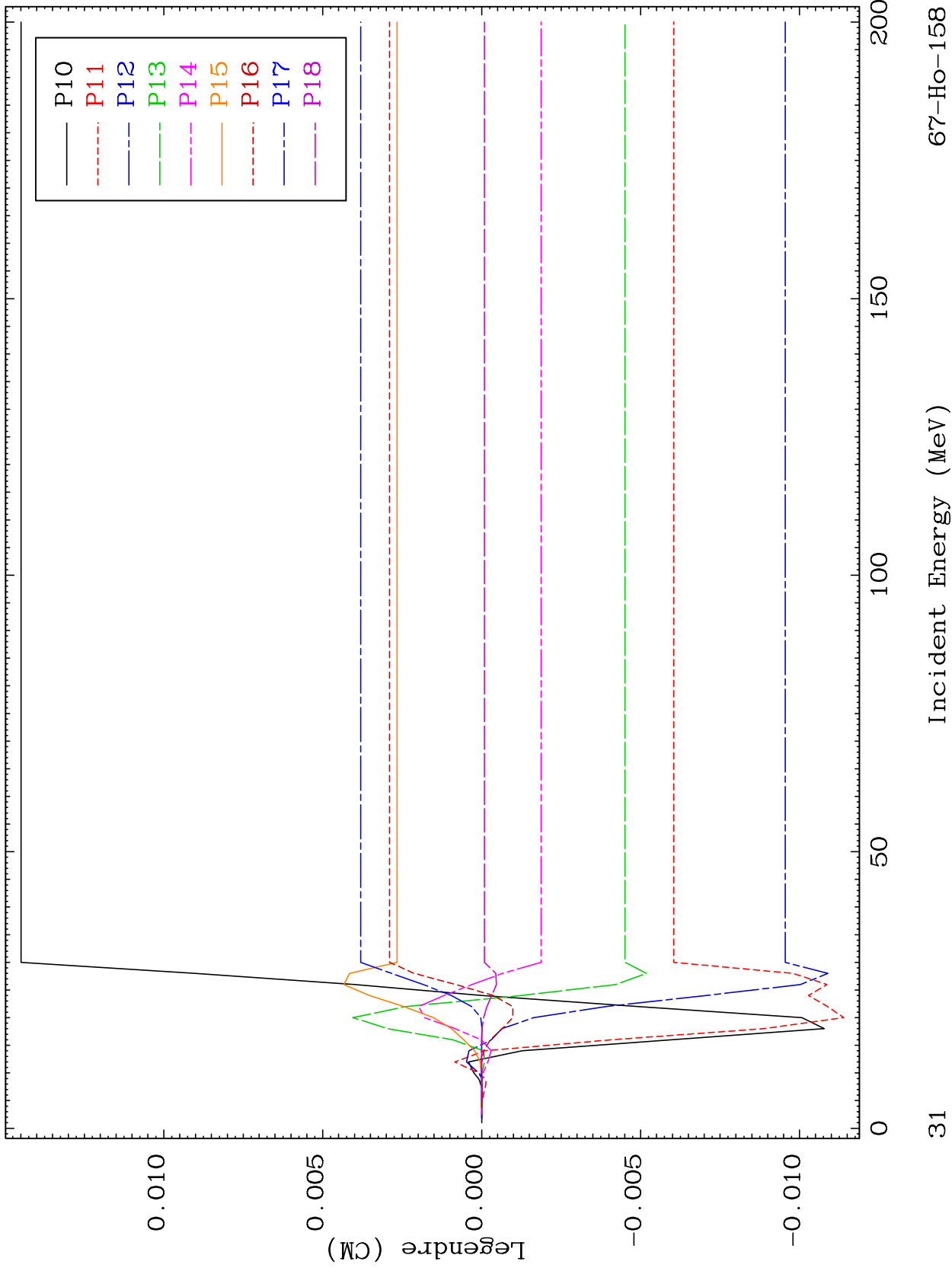
Incident Energy (MeV)

29

MAT 6704

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

67-Ho-158



31

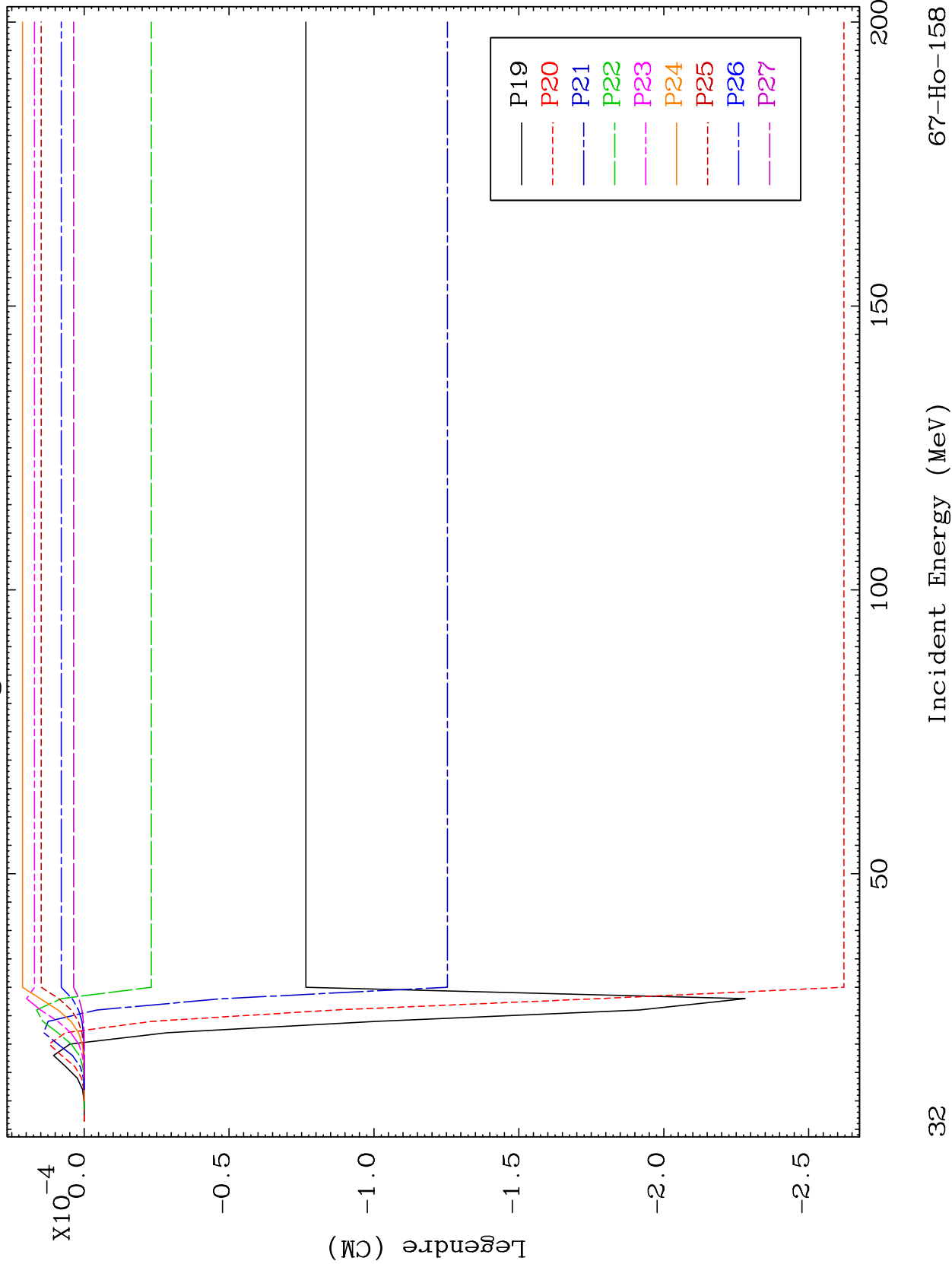
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



32

67-Ho-158

MAT 6704

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

67-Ho-158

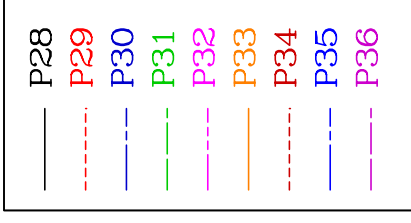
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1.5

Legendre (CM)

1.0

0.5

0.0



200

150

100

50

33

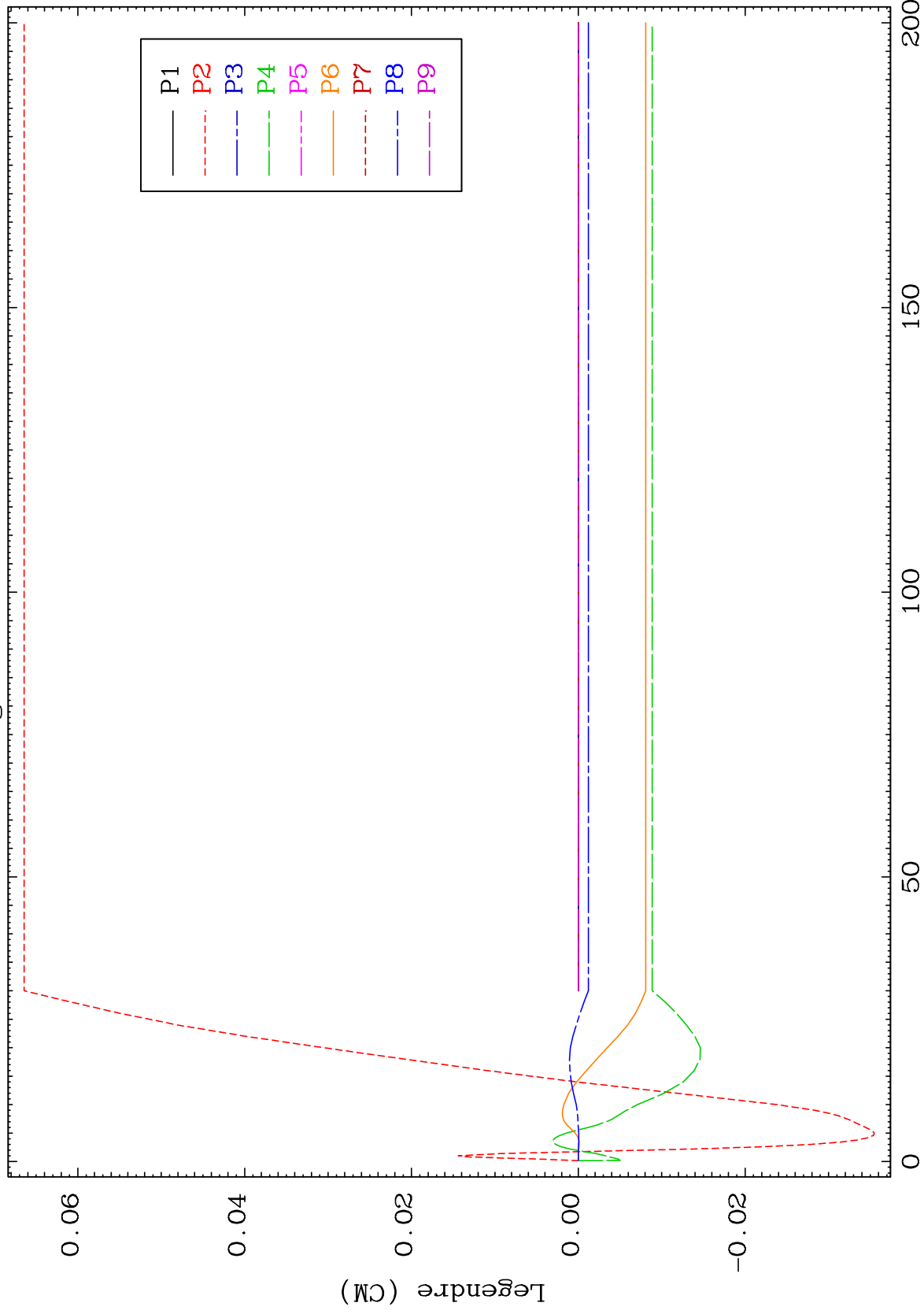
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



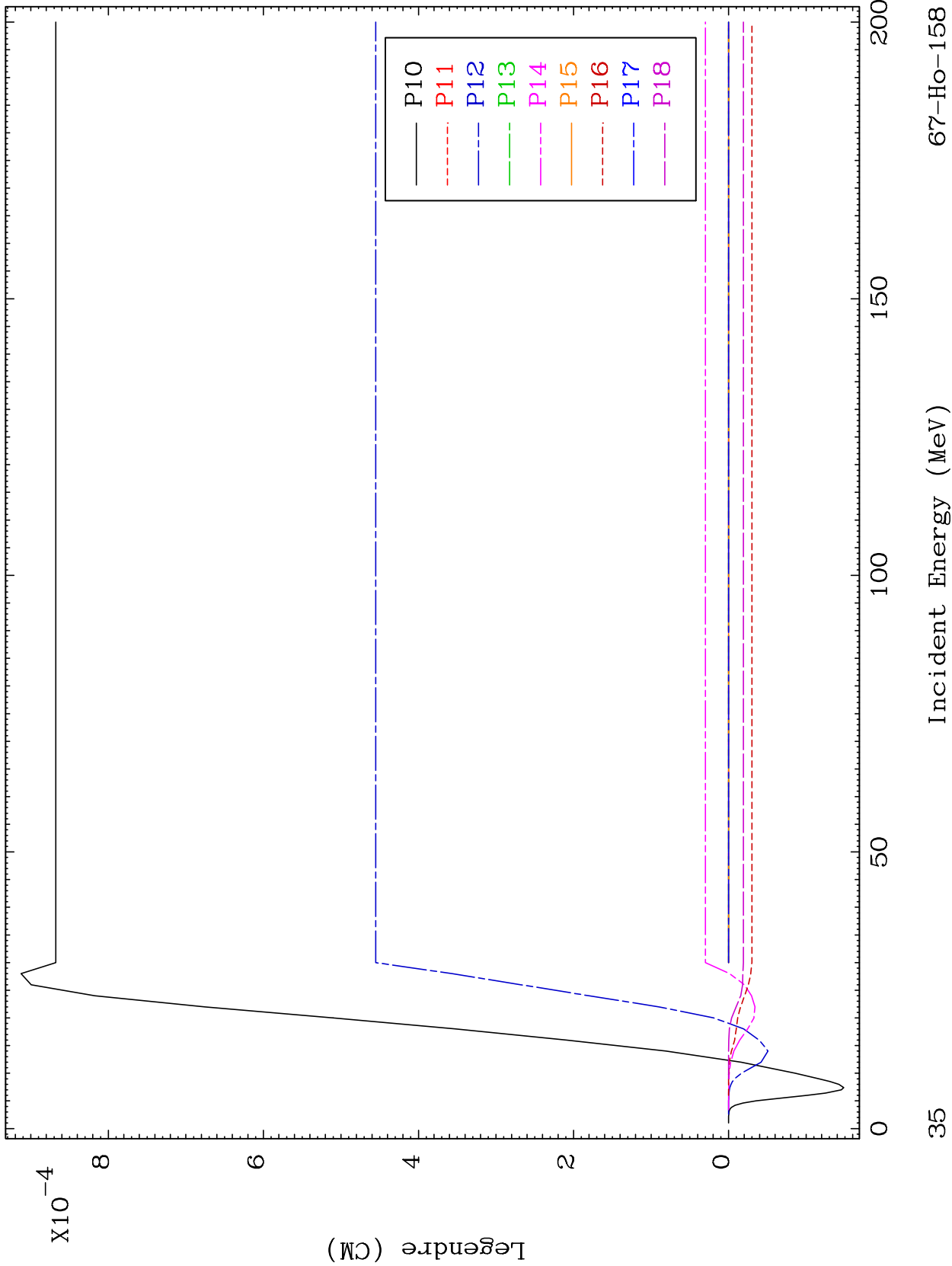
34

67-Ho-158

MAT 6704

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

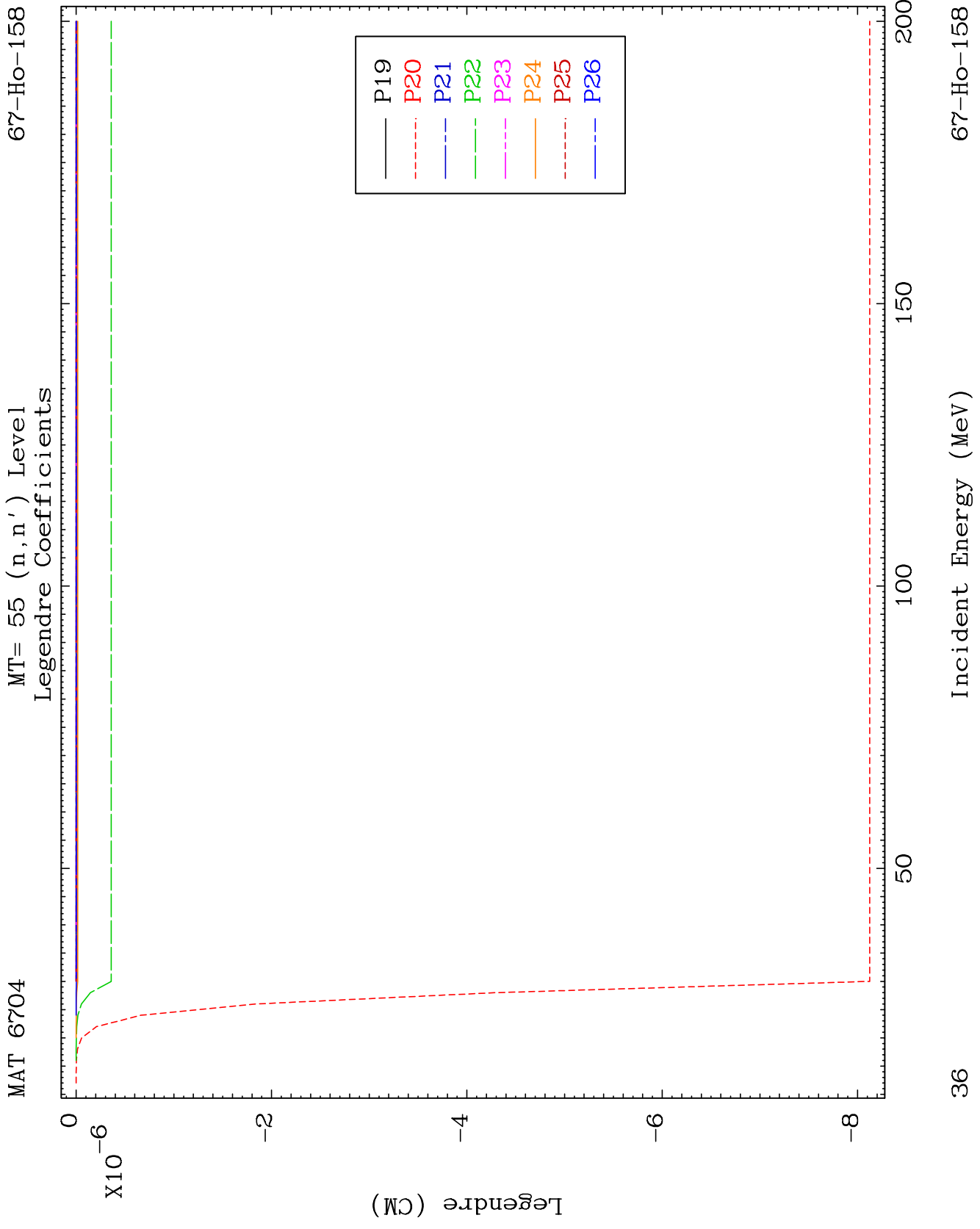
67-Ho-158



35

67-Ho-158

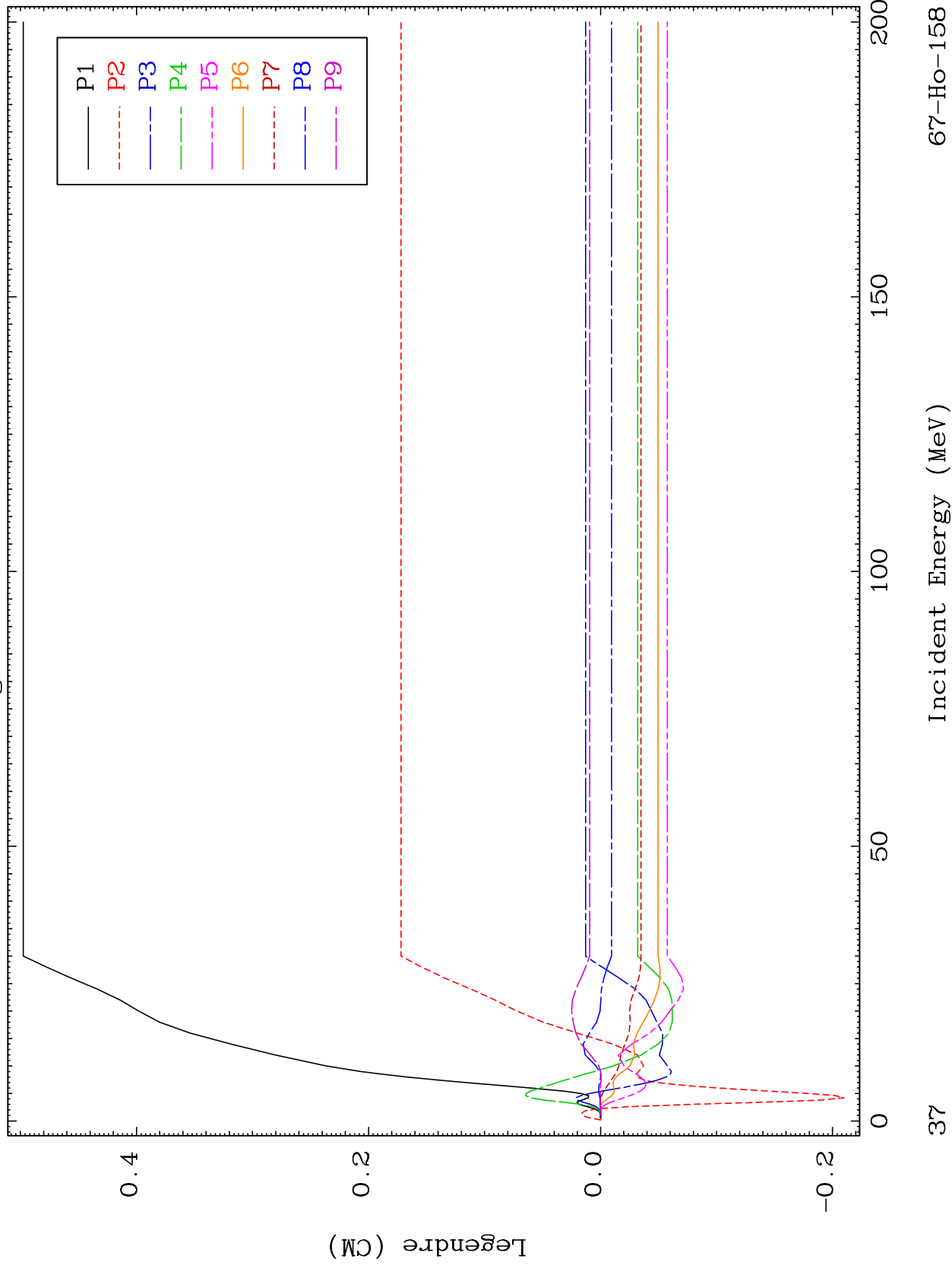
67-Ho-158



MAT 6704

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

67-Ho-158



67-Ho-158

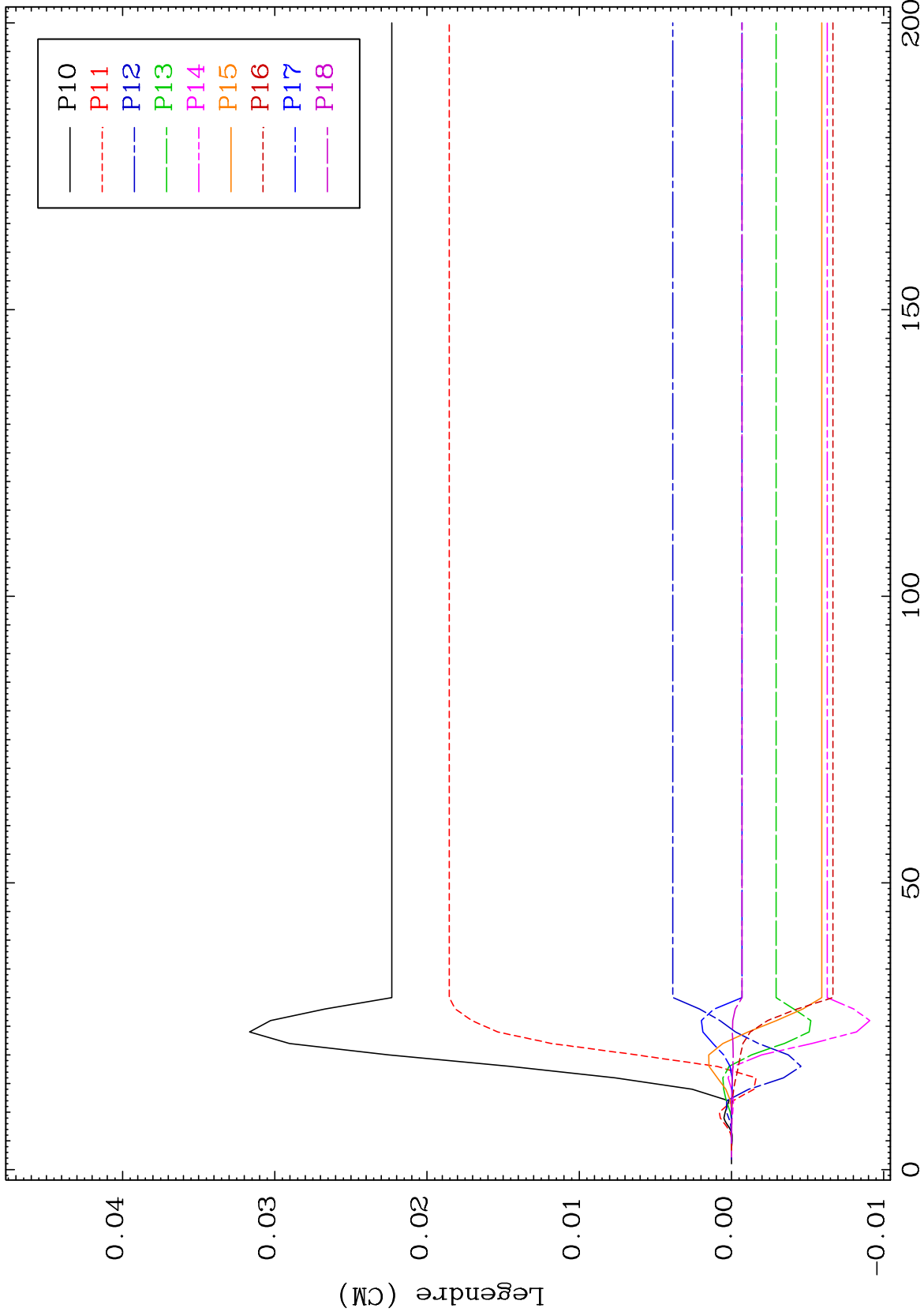
Incident Energy (MeV)

37

MAT 6704

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

67-Ho-158



38

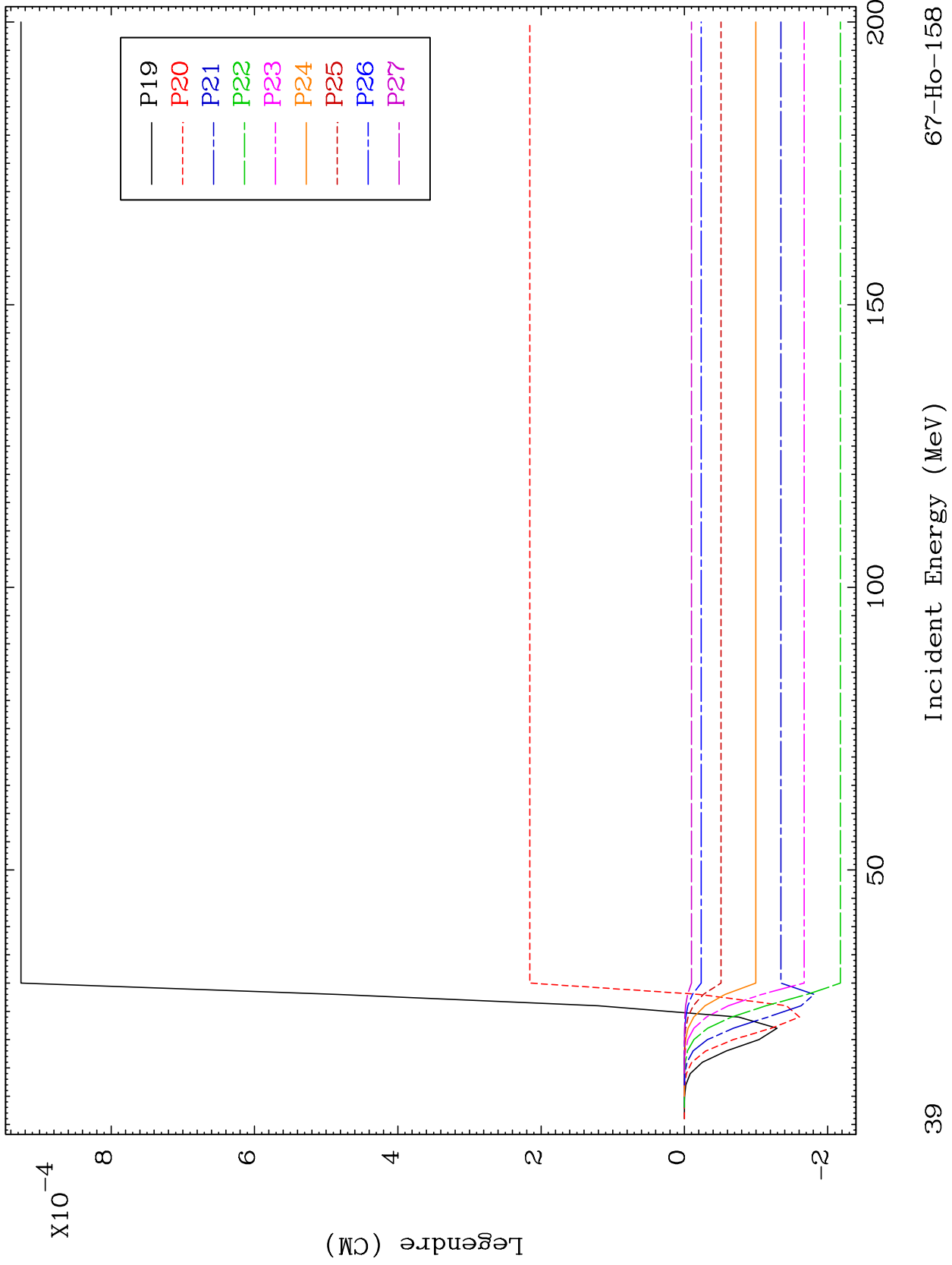
Incident Energy (MeV)

67-Ho-158

MAT 6704

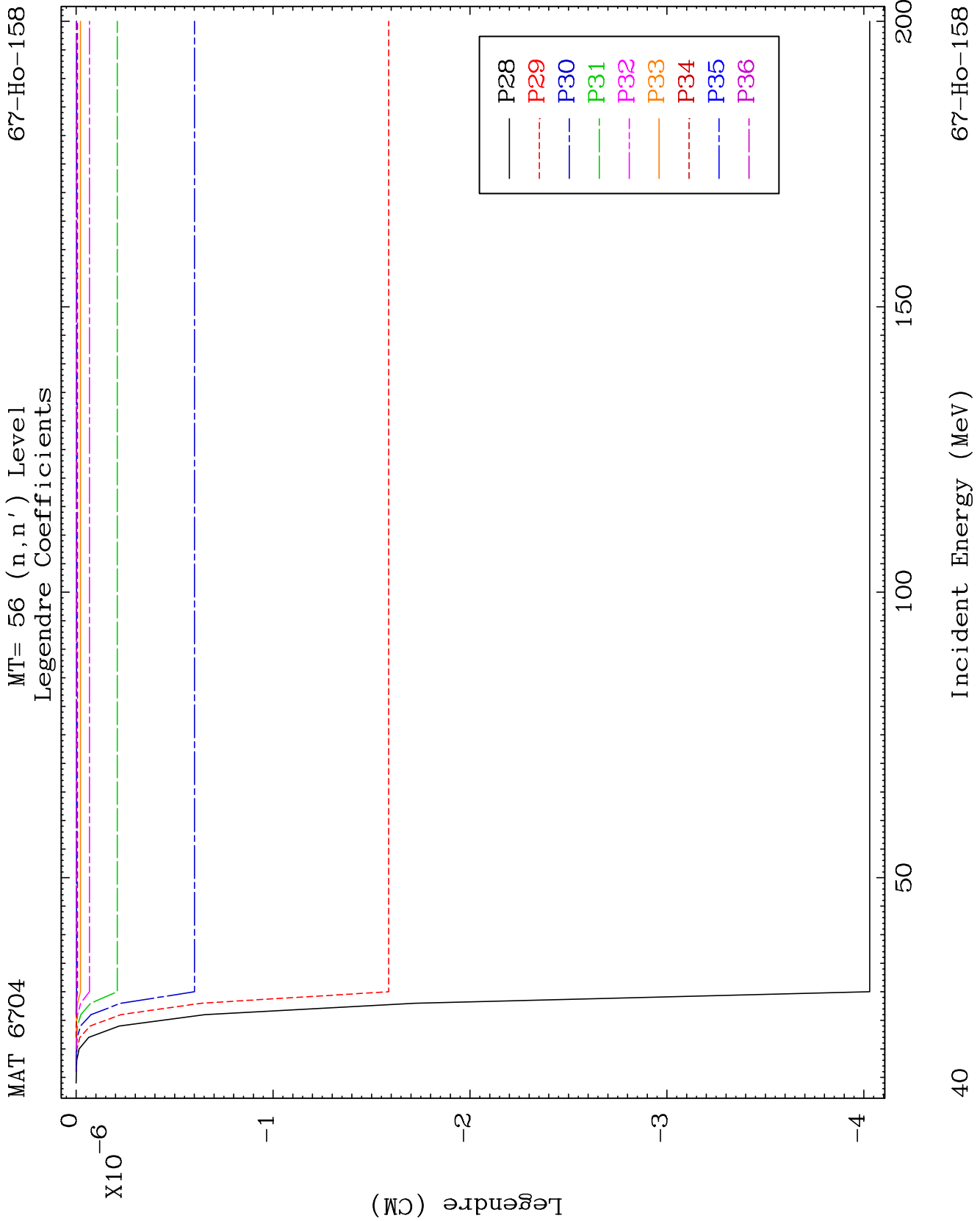
MT= 56 (n,n') Level
Legendre Coefficients

67-Ho-158



39

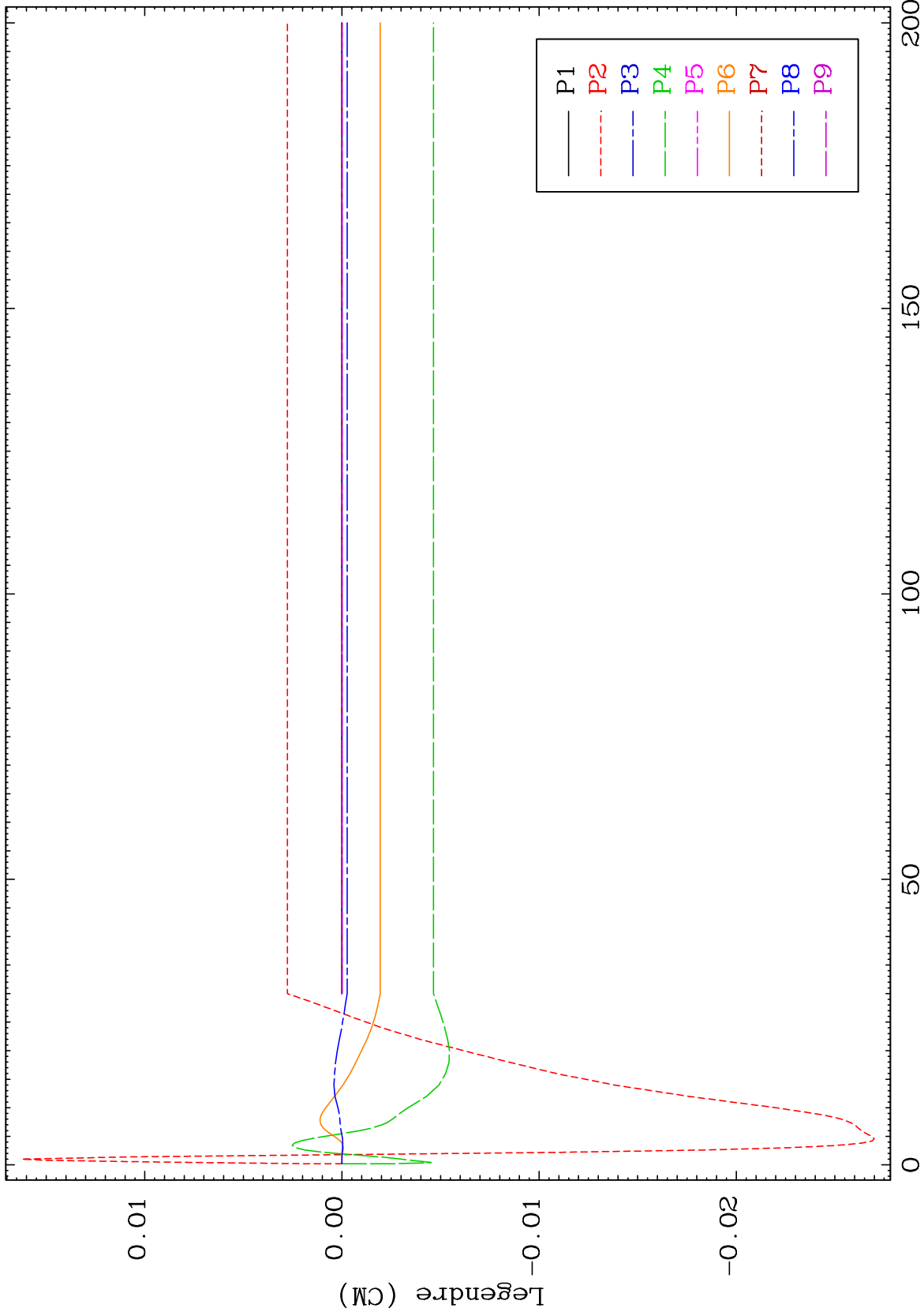
67-Ho-158



MAT 6704

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

67-Ho-158



67-Ho-158

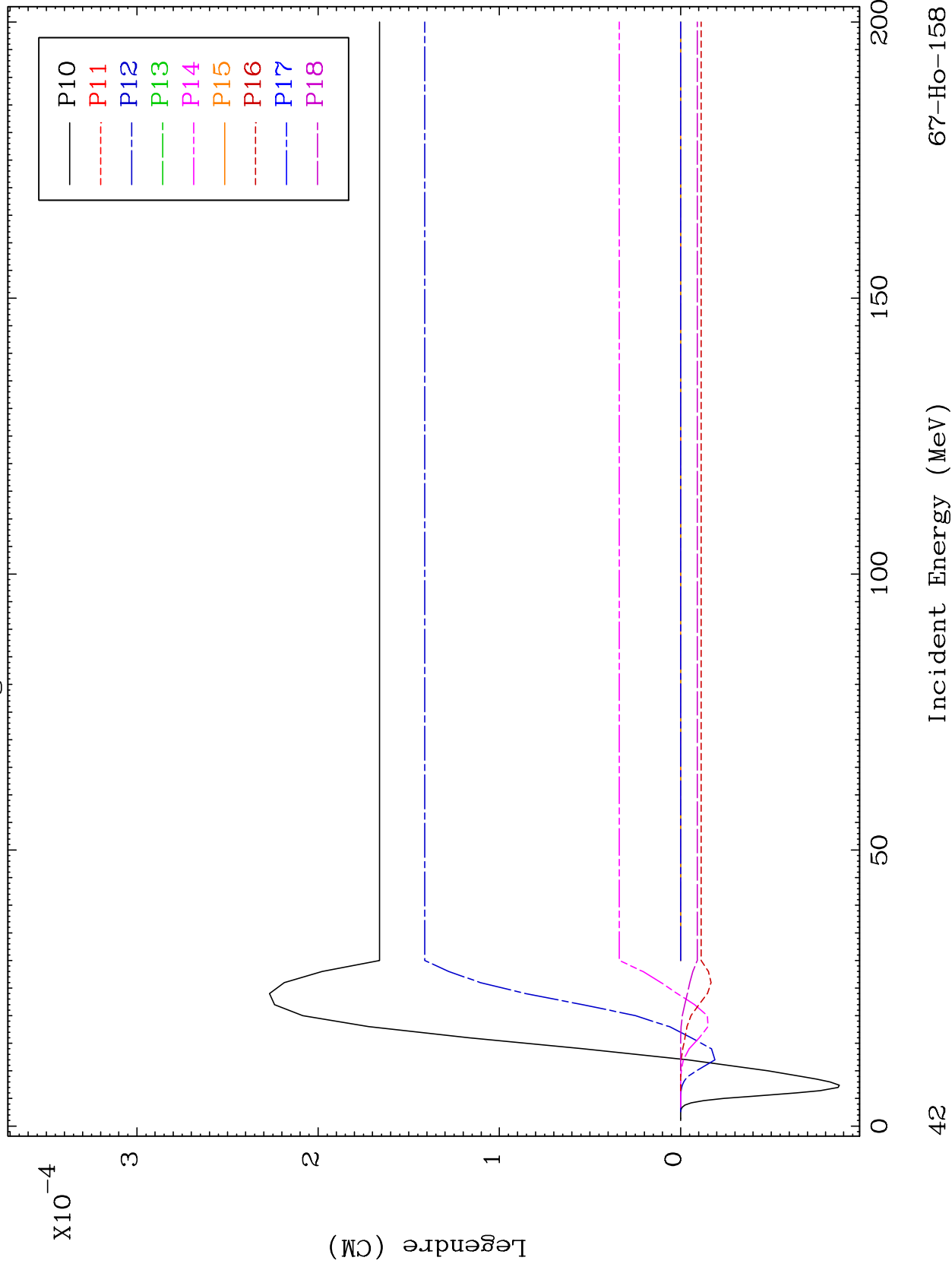
Incident Energy (MeV)

41

MAT 6704

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

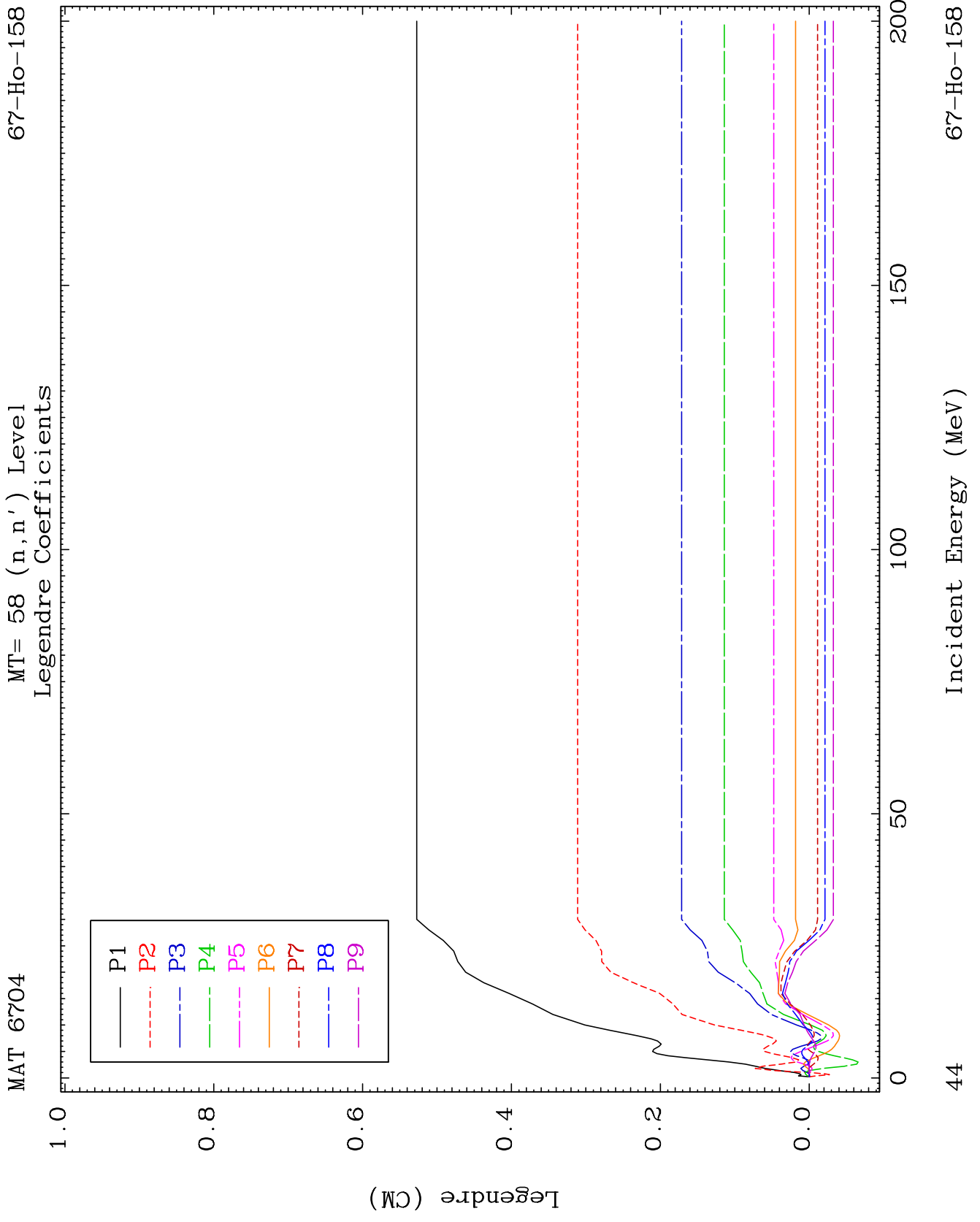
67-Ho-158



42

Incident Energy (MeV)

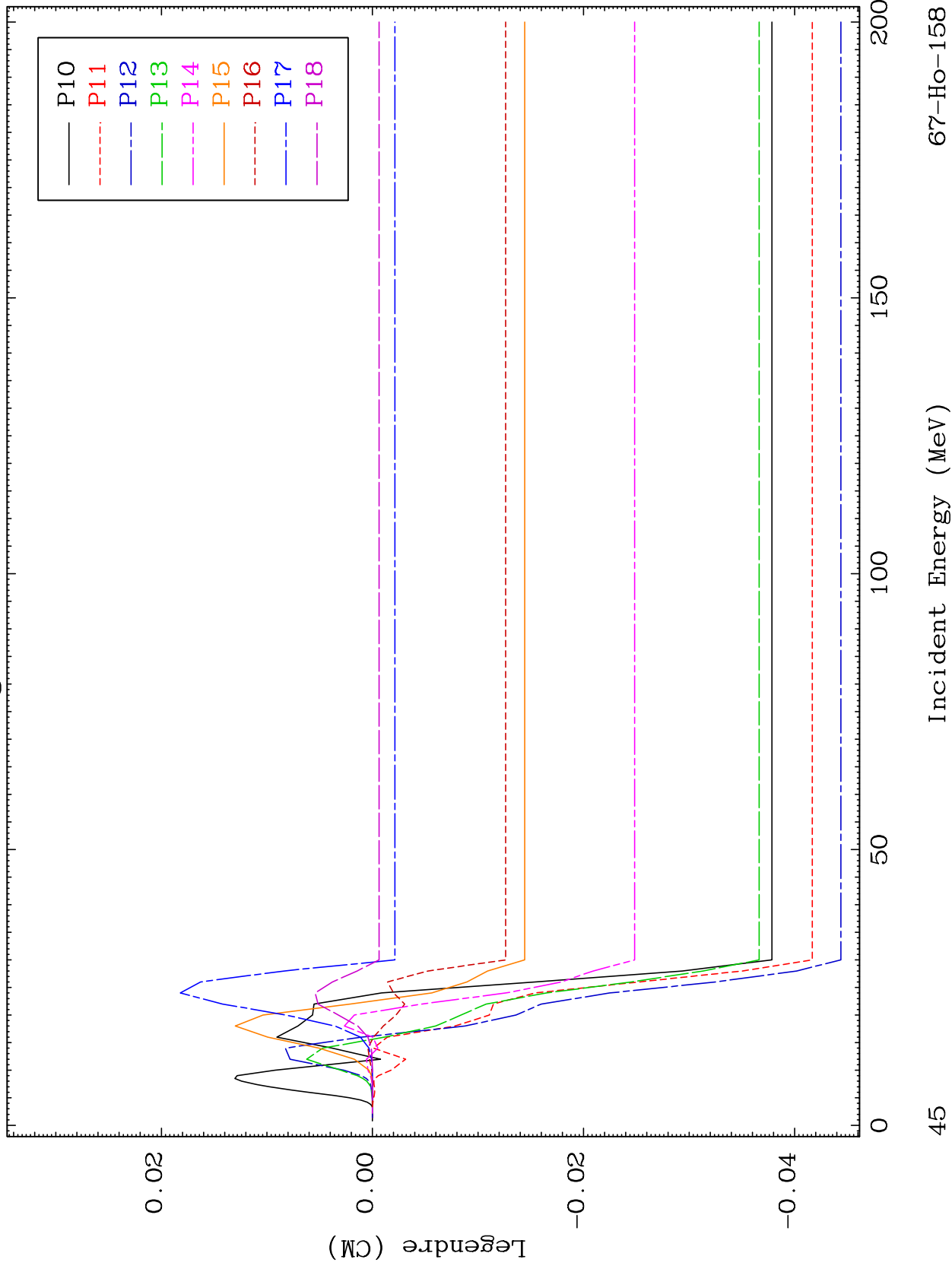
67-Ho-158



MAT 6704

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

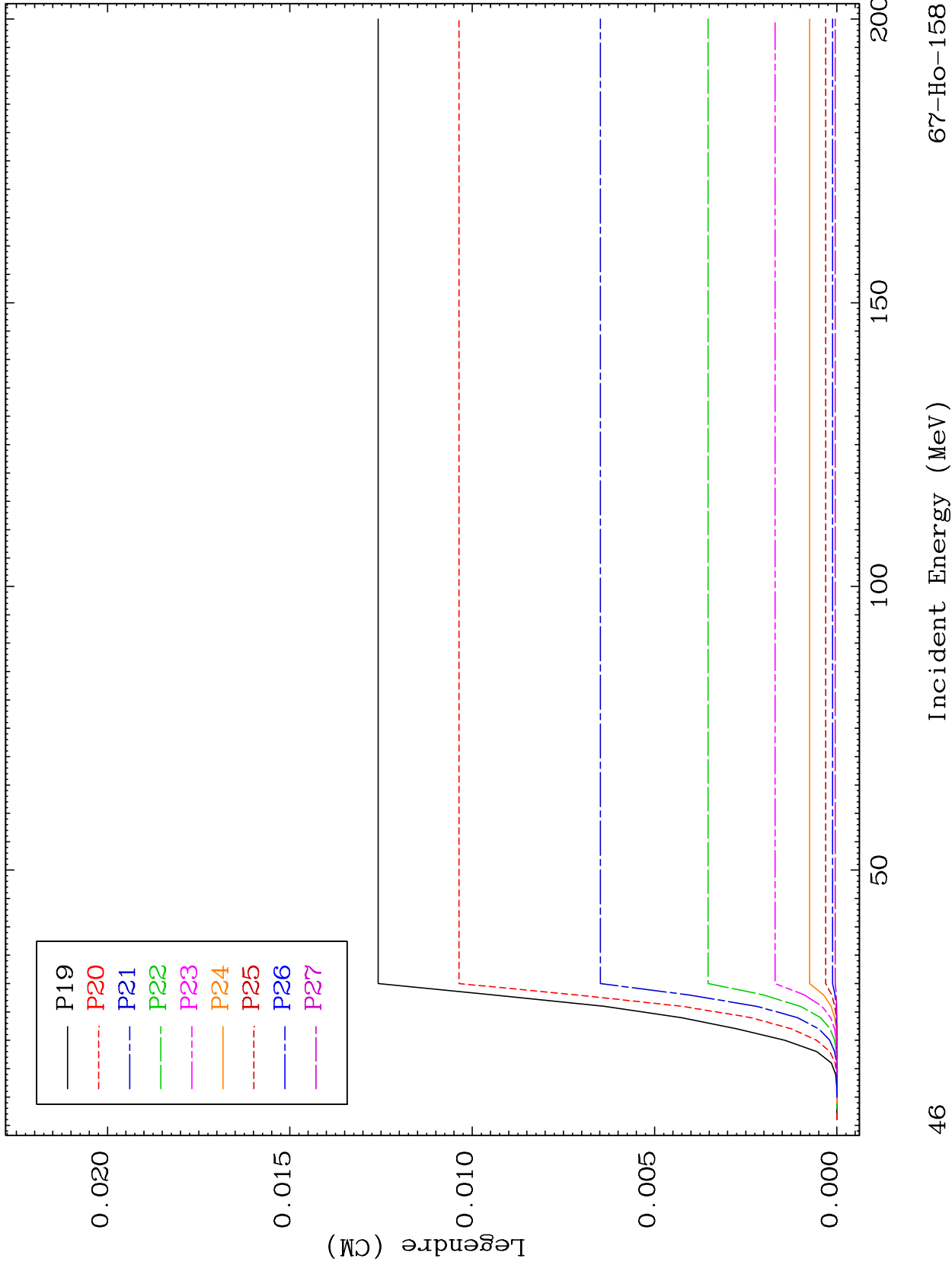
67-Ho-158



MAT 6704

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

67-Ho-158



46

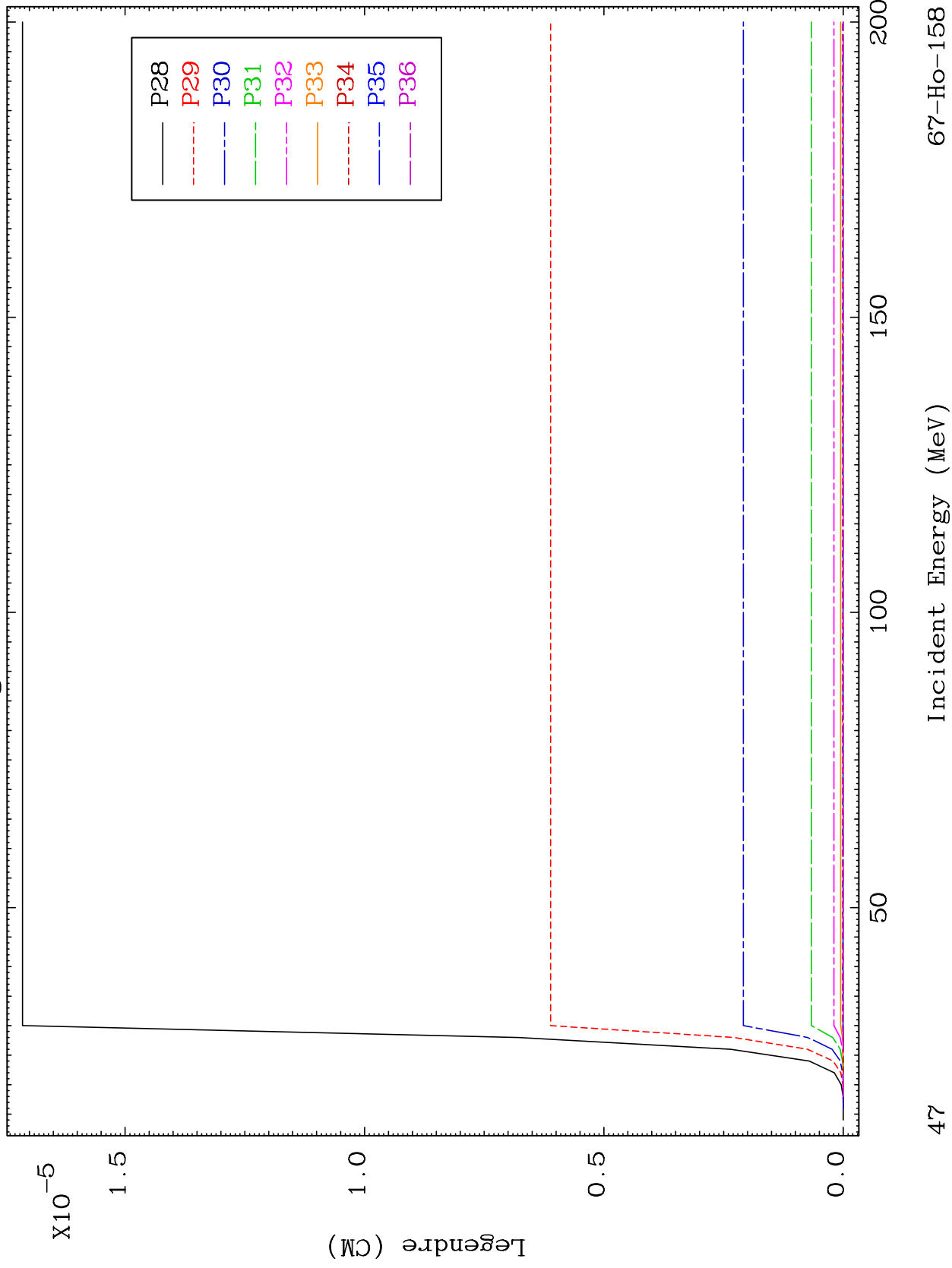
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

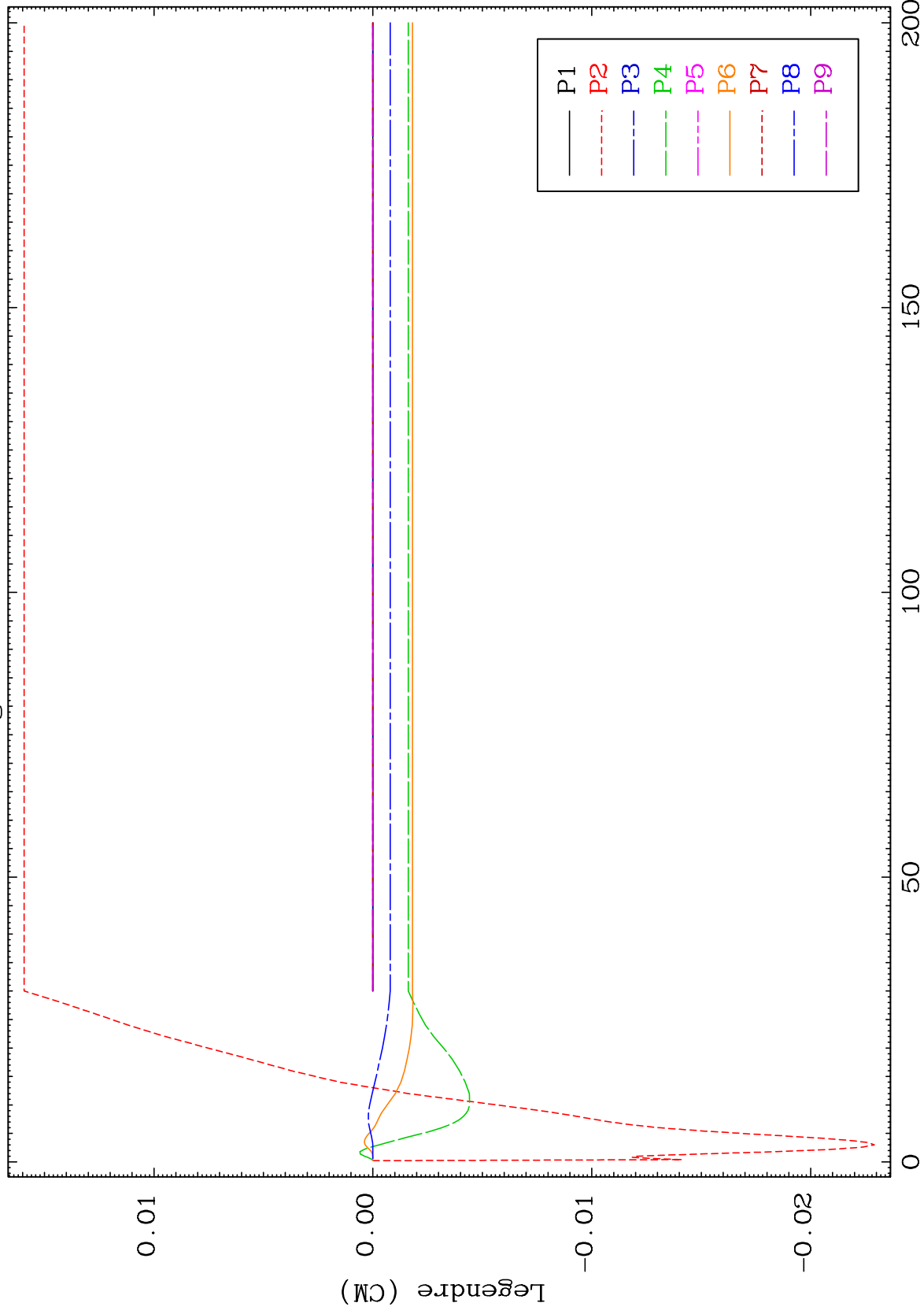
67-Ho-158



MAT 6704

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

67-Ho-158



67-Ho-158

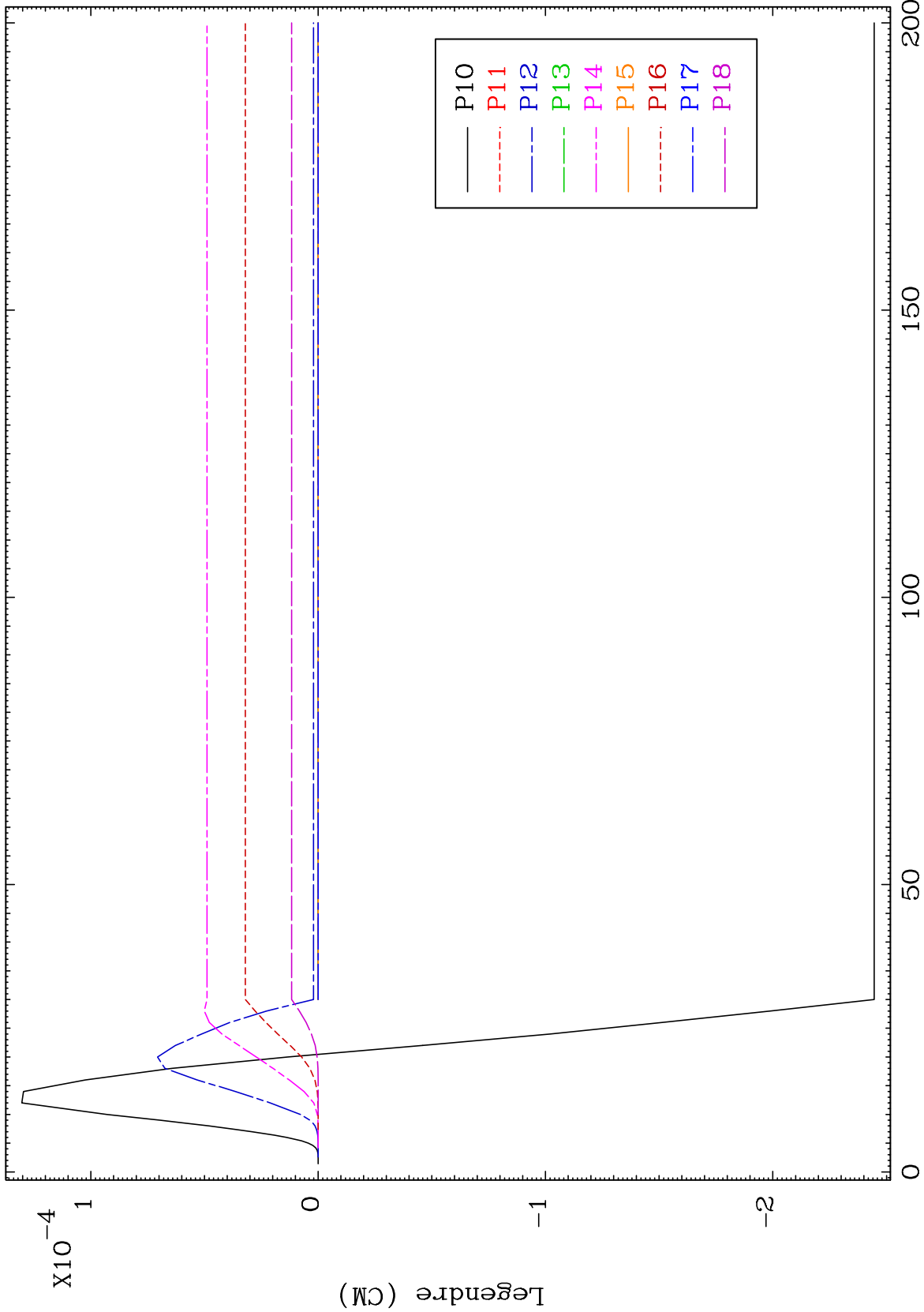
Incident Energy (MeV)

48

MAT 6704

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

67-Ho-158



49

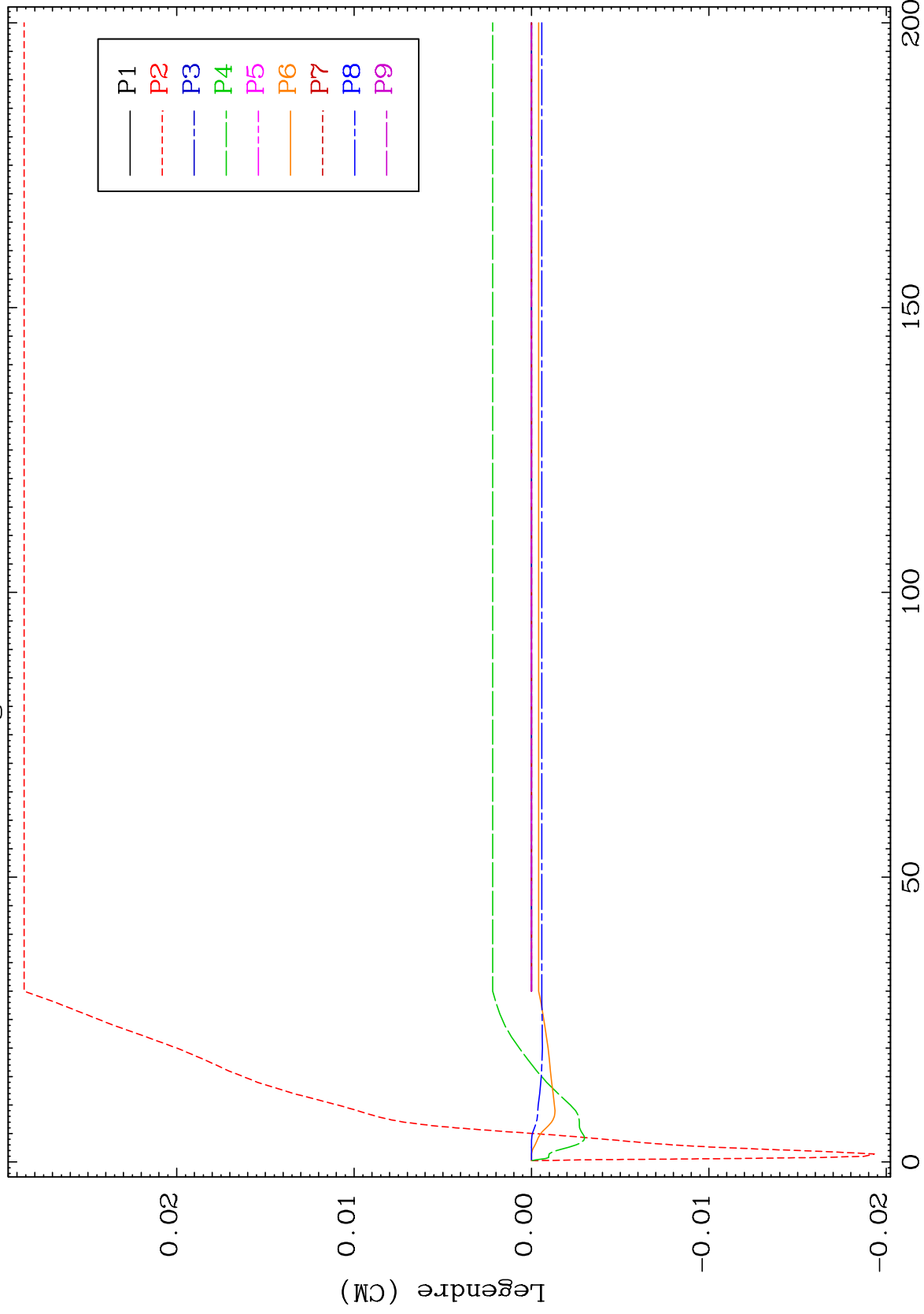
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



51

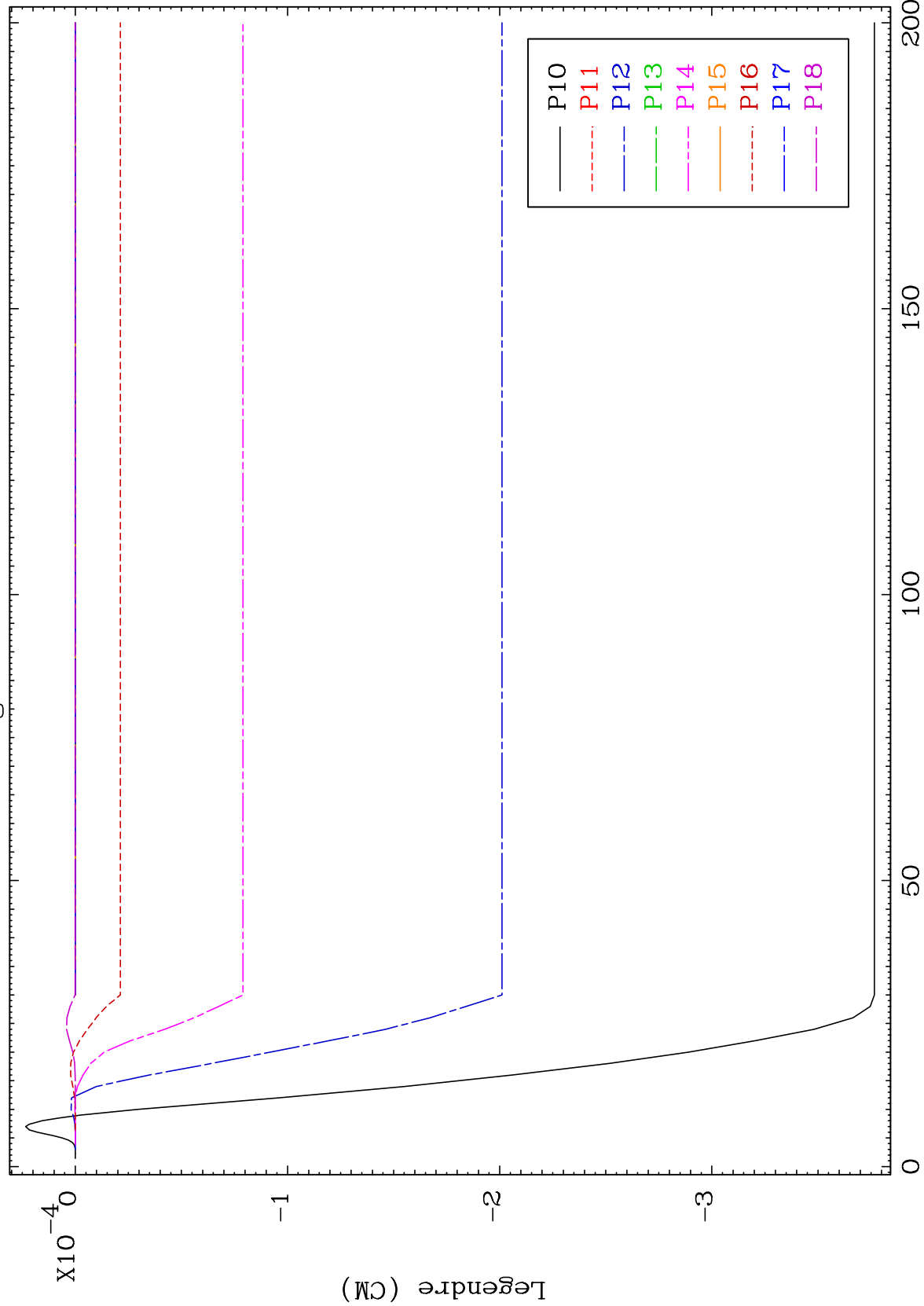
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

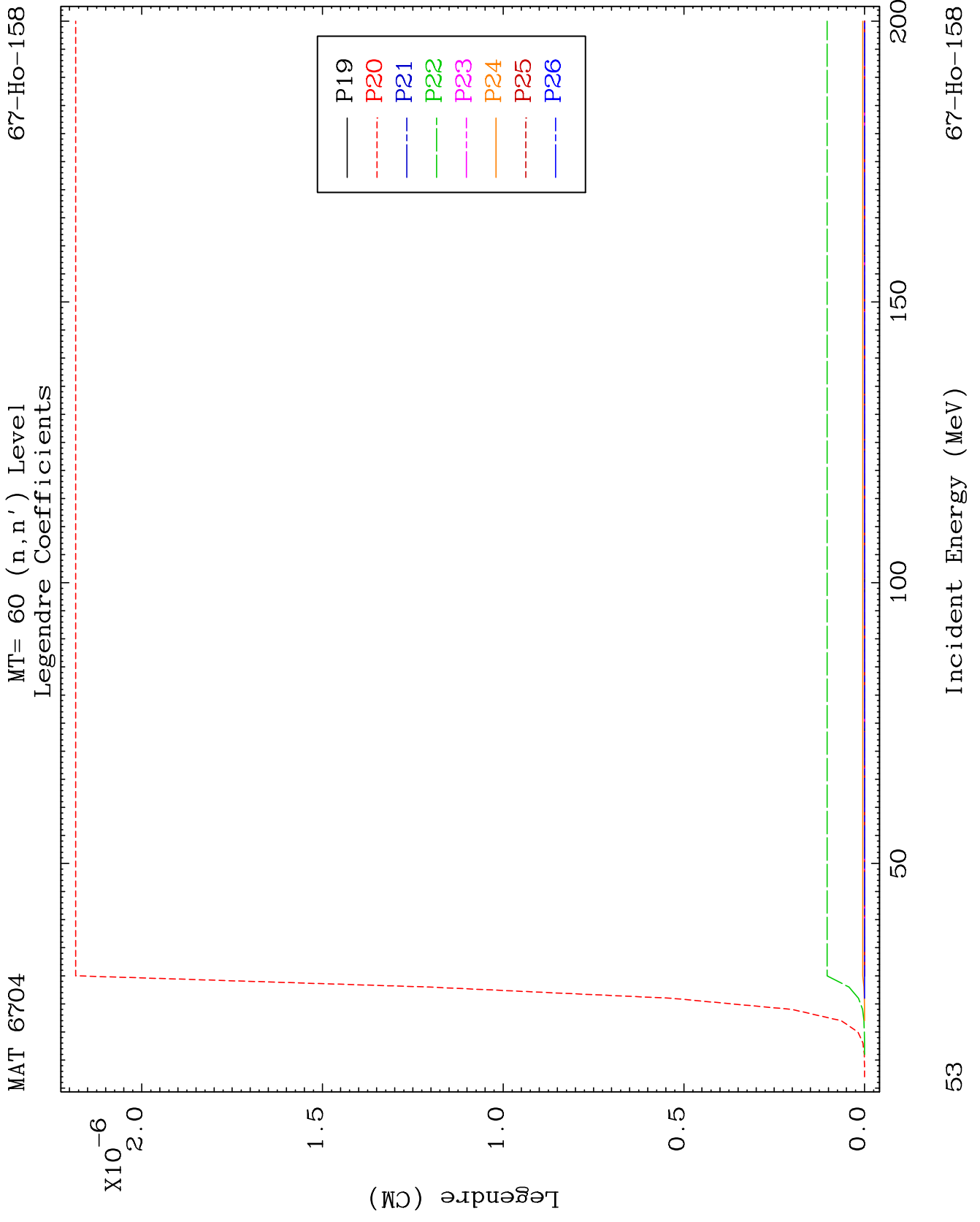
67-Ho-158



52

Incident Energy (MeV)

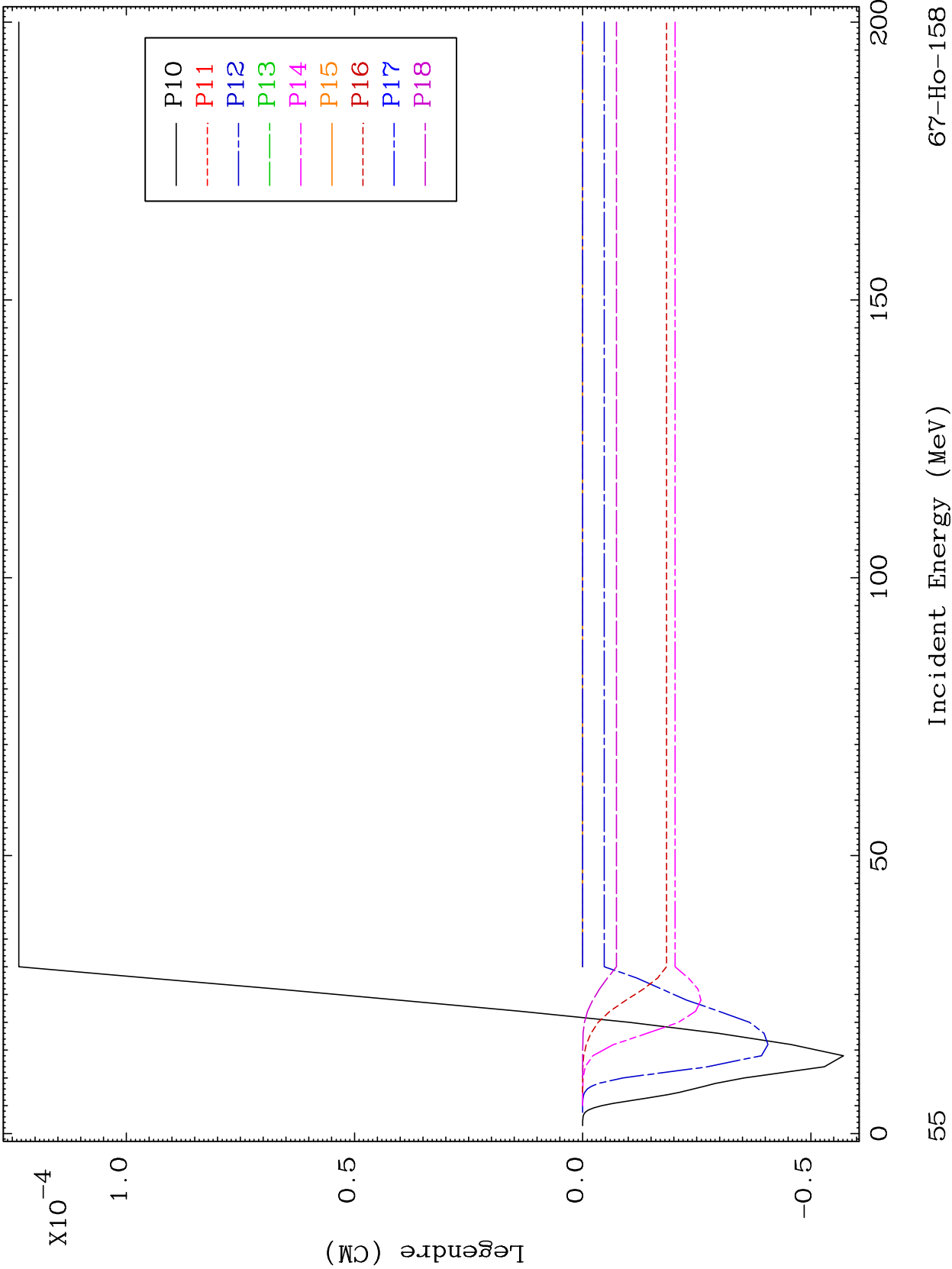
67-Ho-158



MAT 6704

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

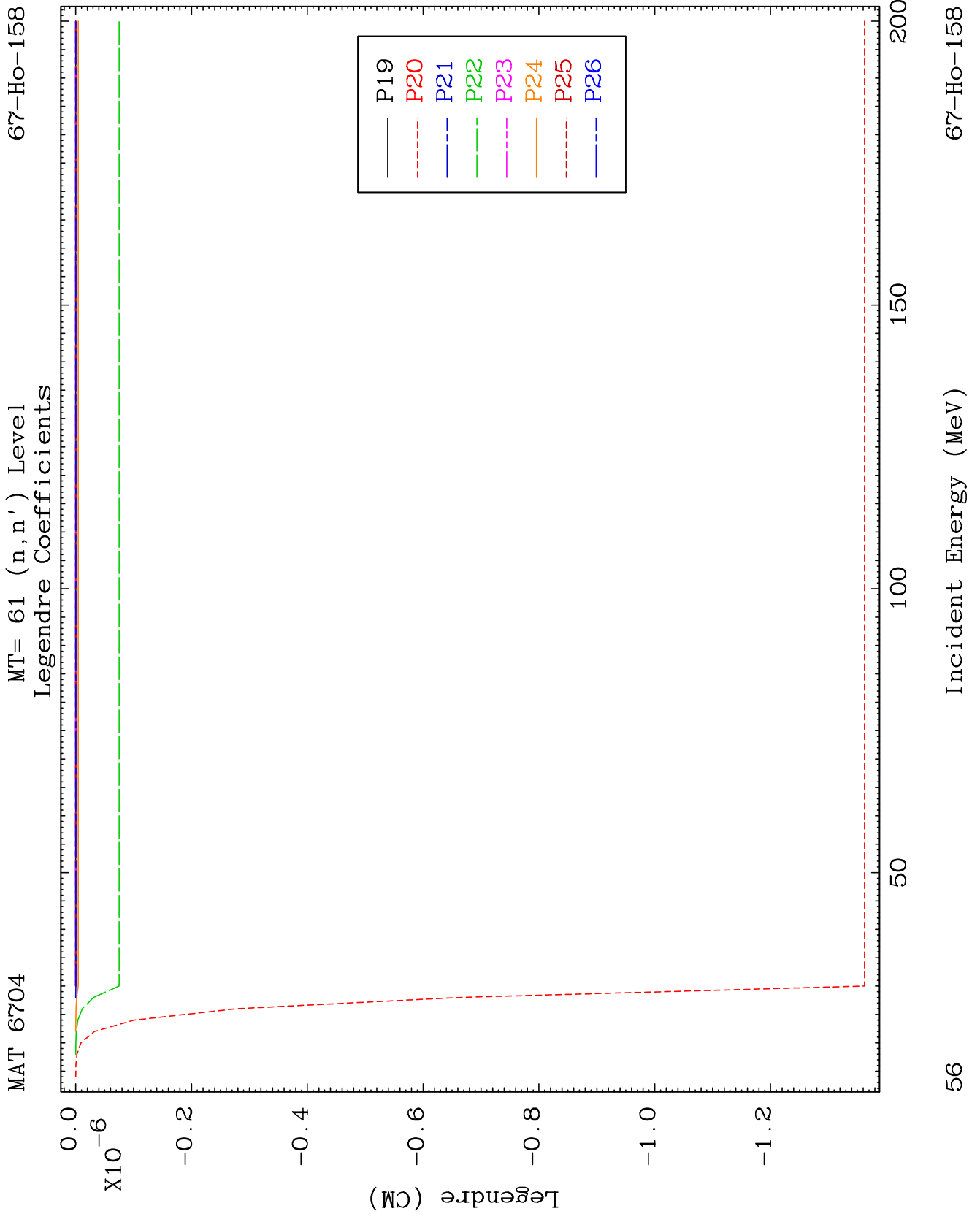
67-Ho-158



67-Ho-158

Incident Energy (MeV)

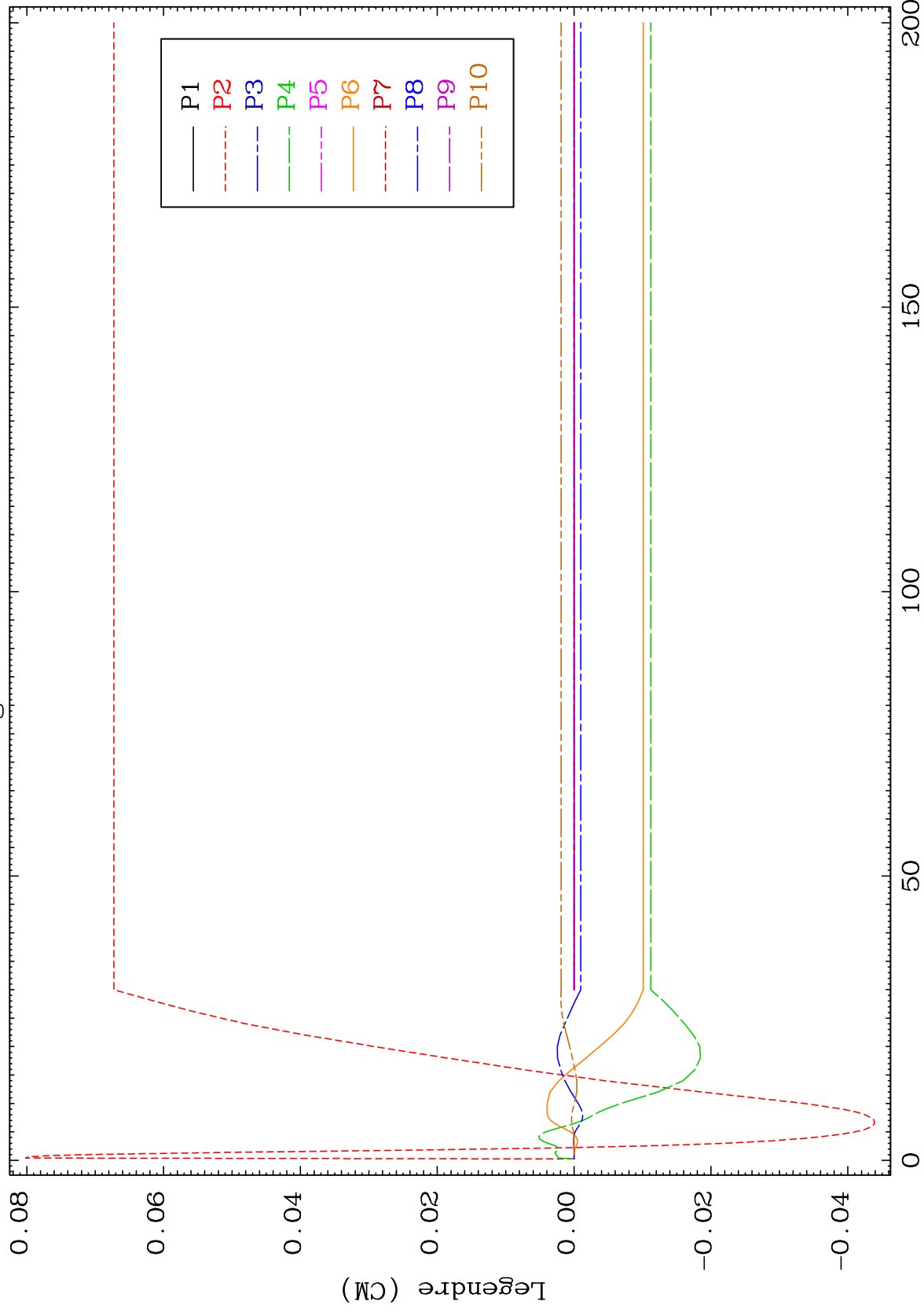
55



MAT 6704

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

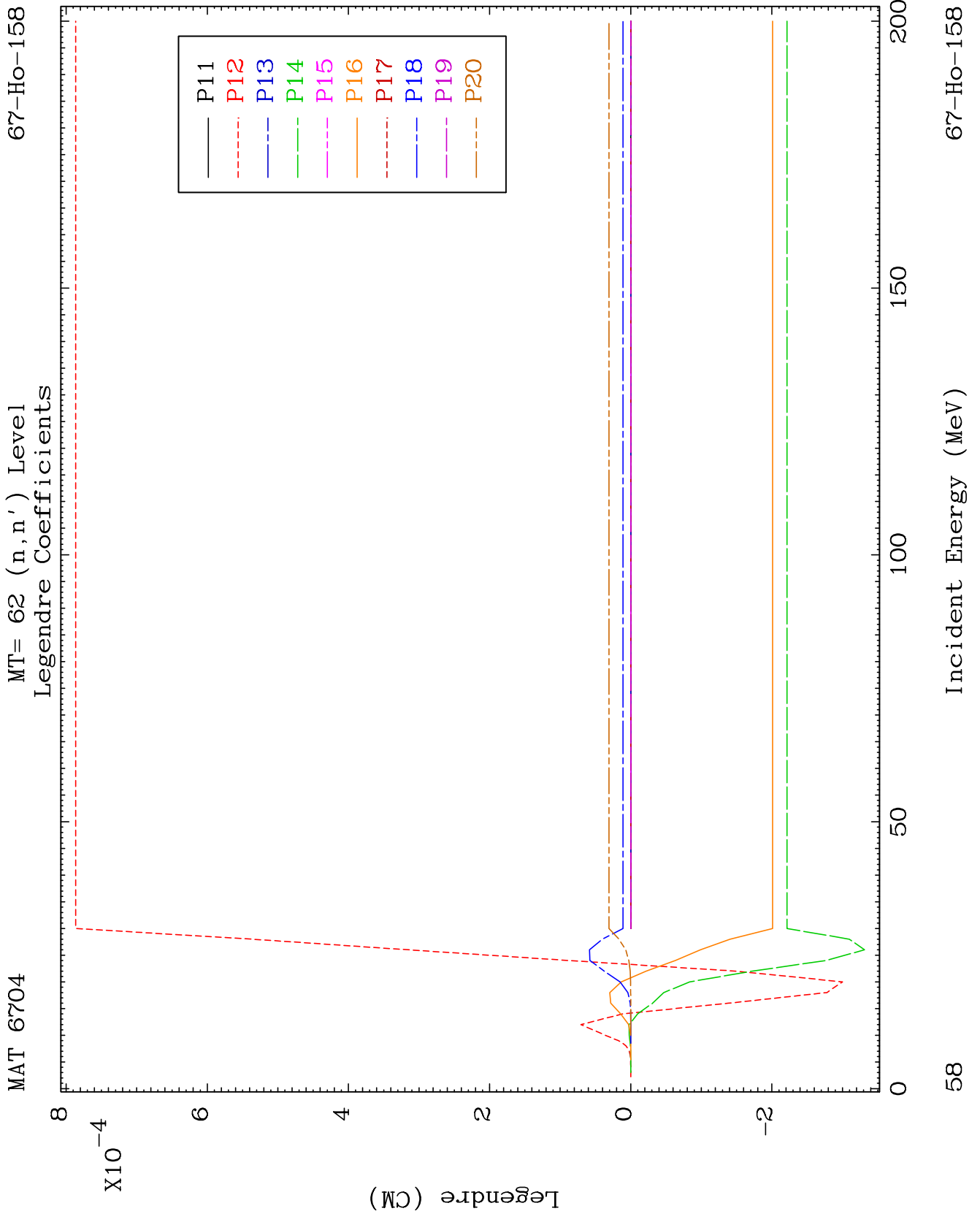
67-Ho-158

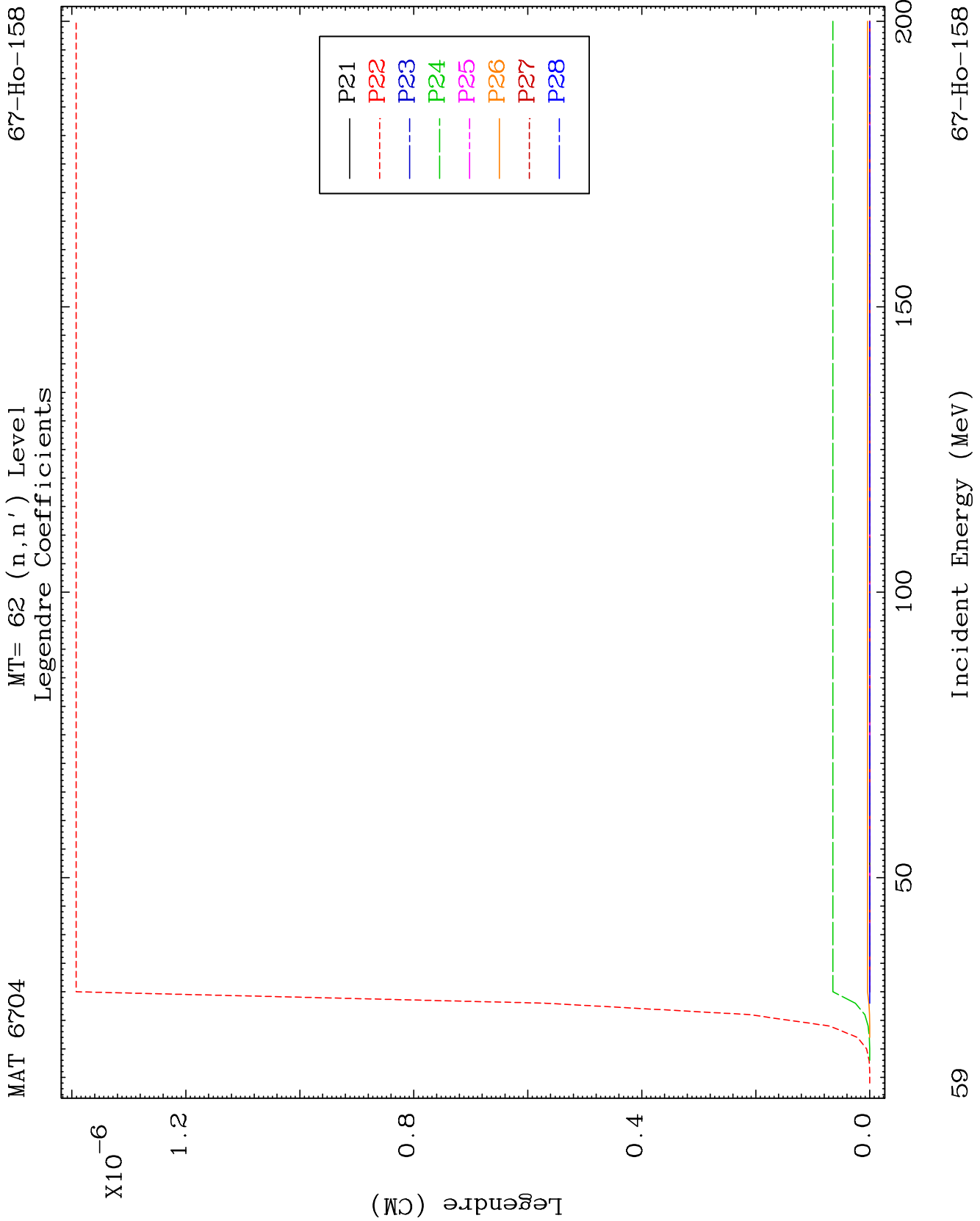


57

Incident Energy (MeV)

67-Ho-158

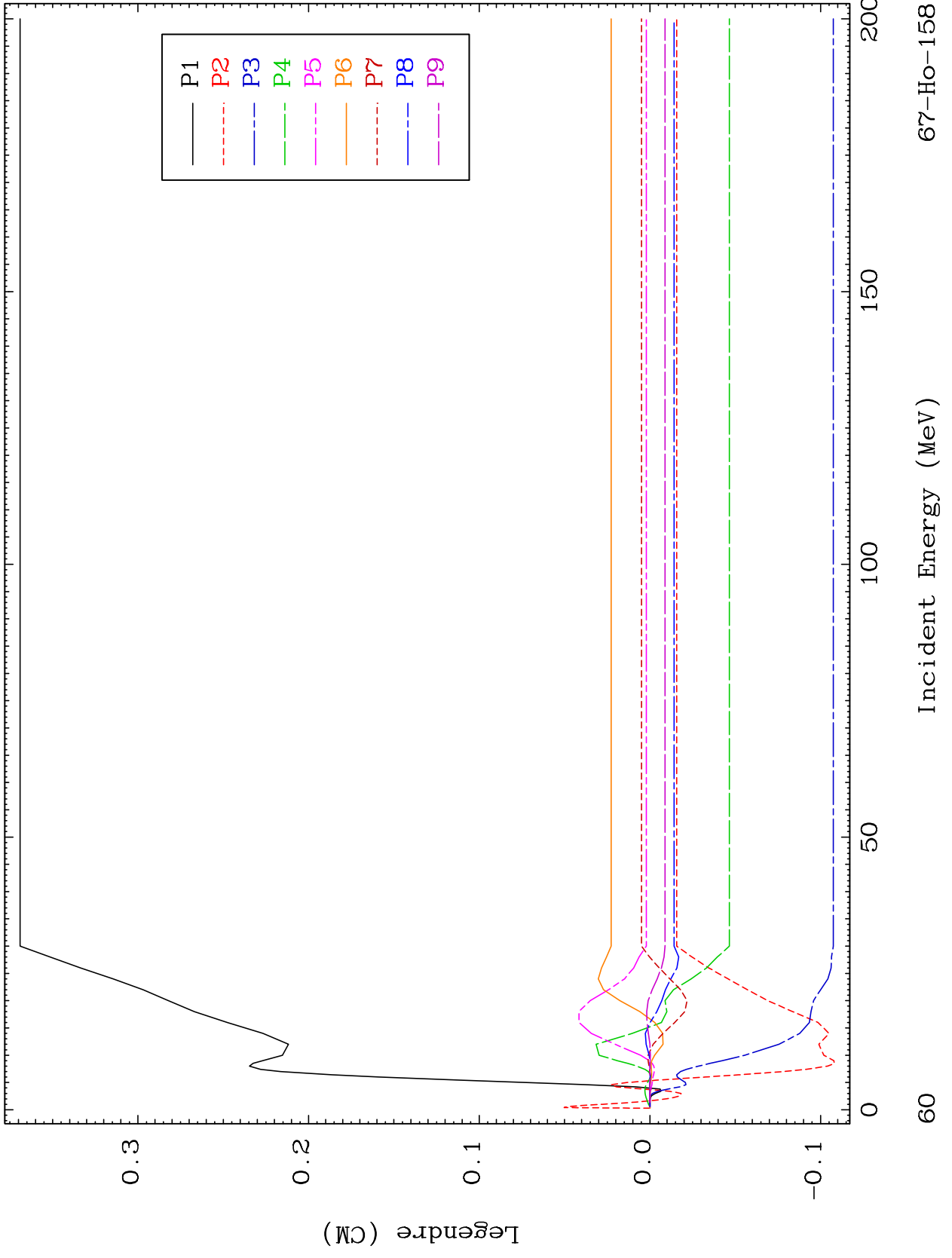




MAT 6704

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

67-Ho-158



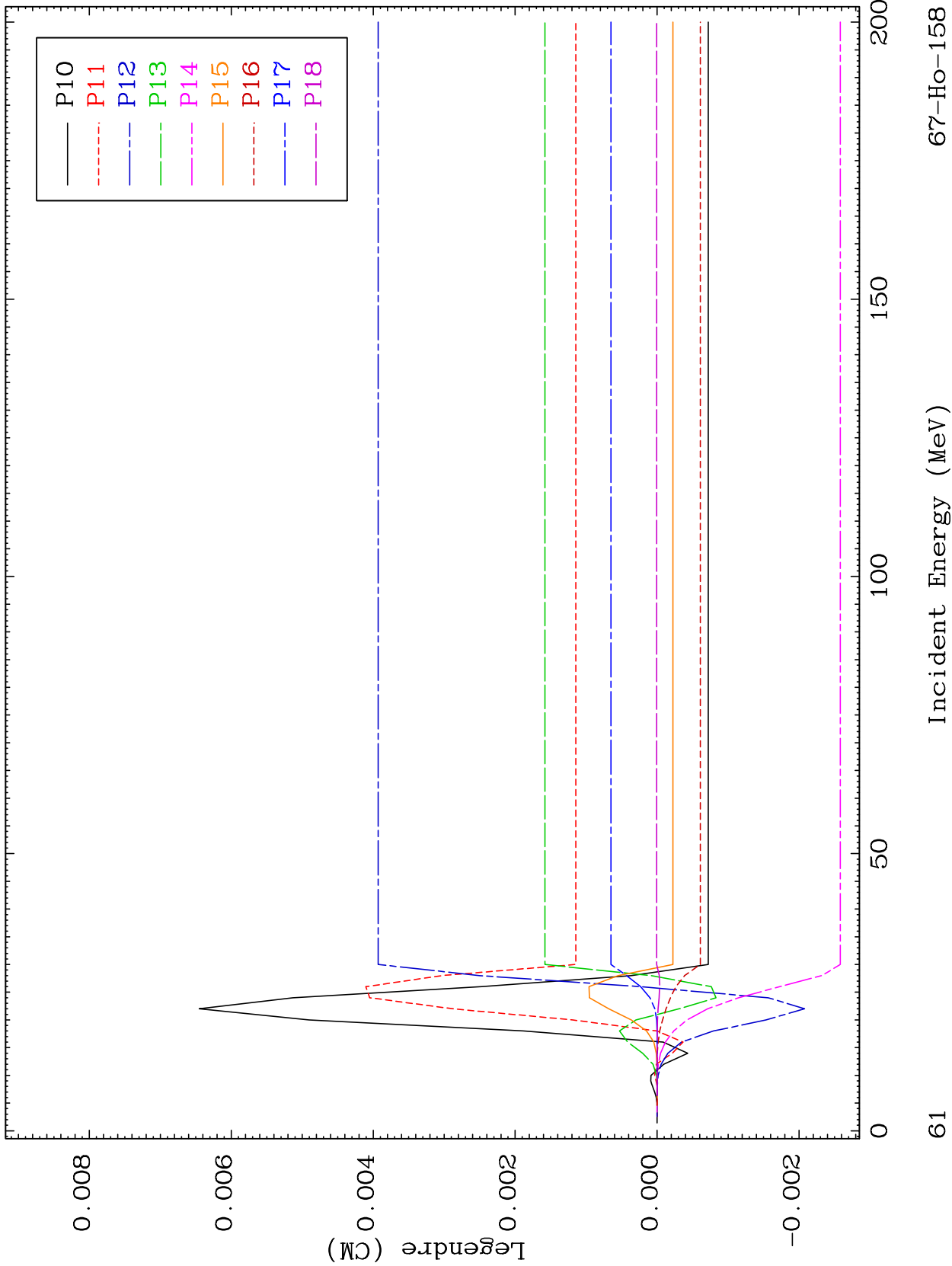
67-Ho-158

Incident Energy (MeV)

MAT 6704

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

67-Ho-158



61

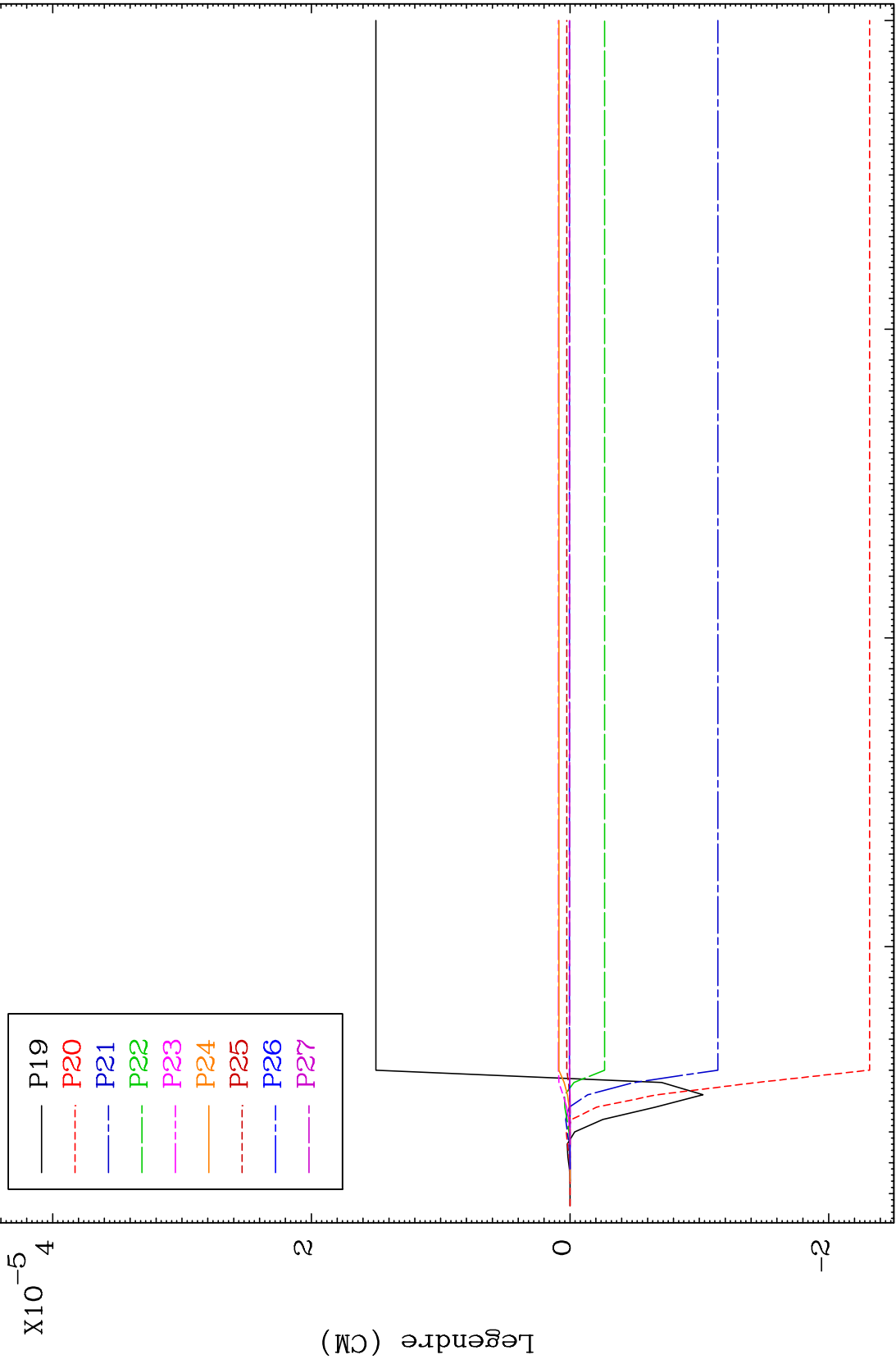
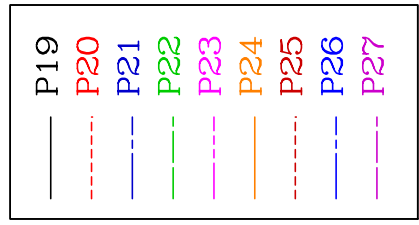
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



62

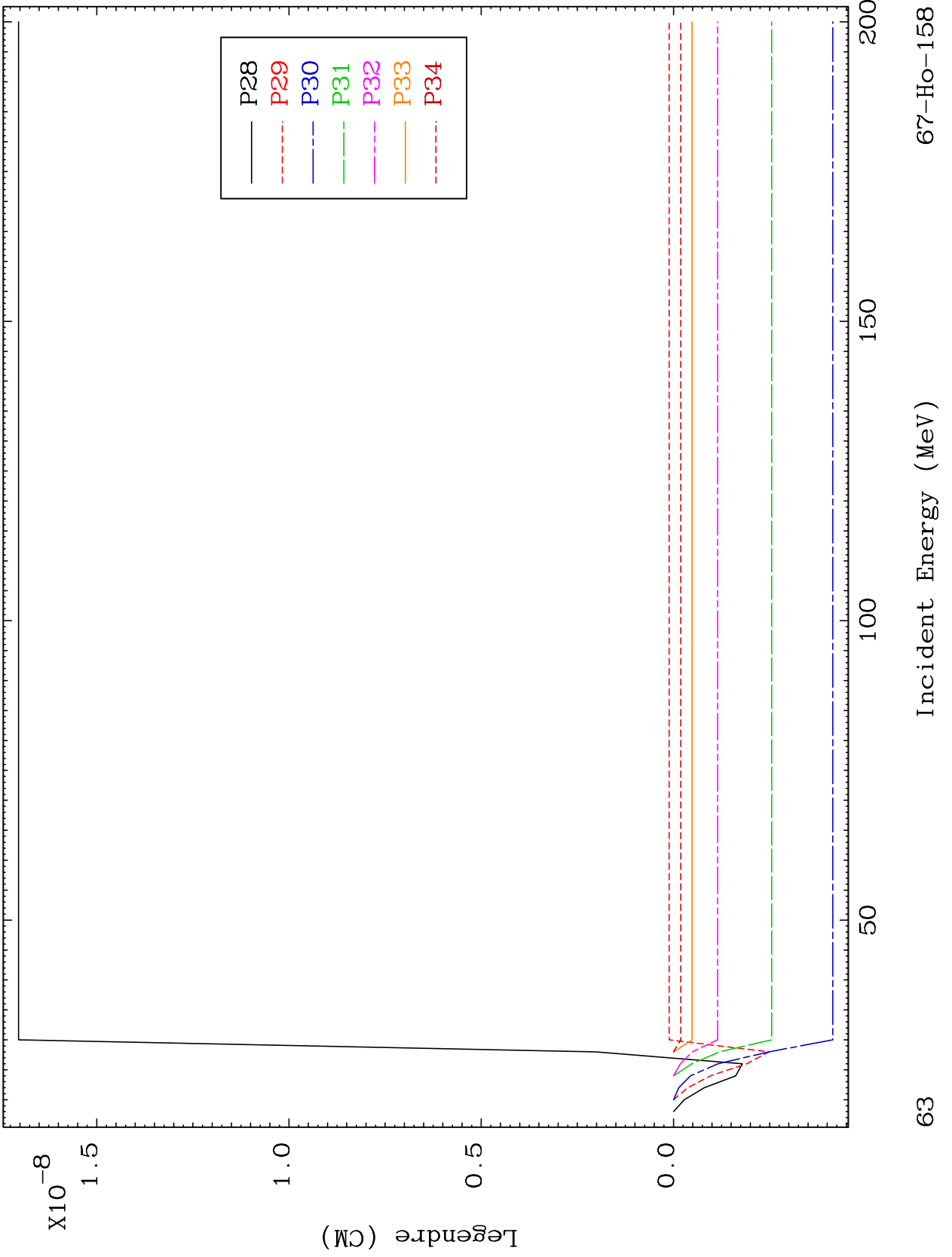
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



63

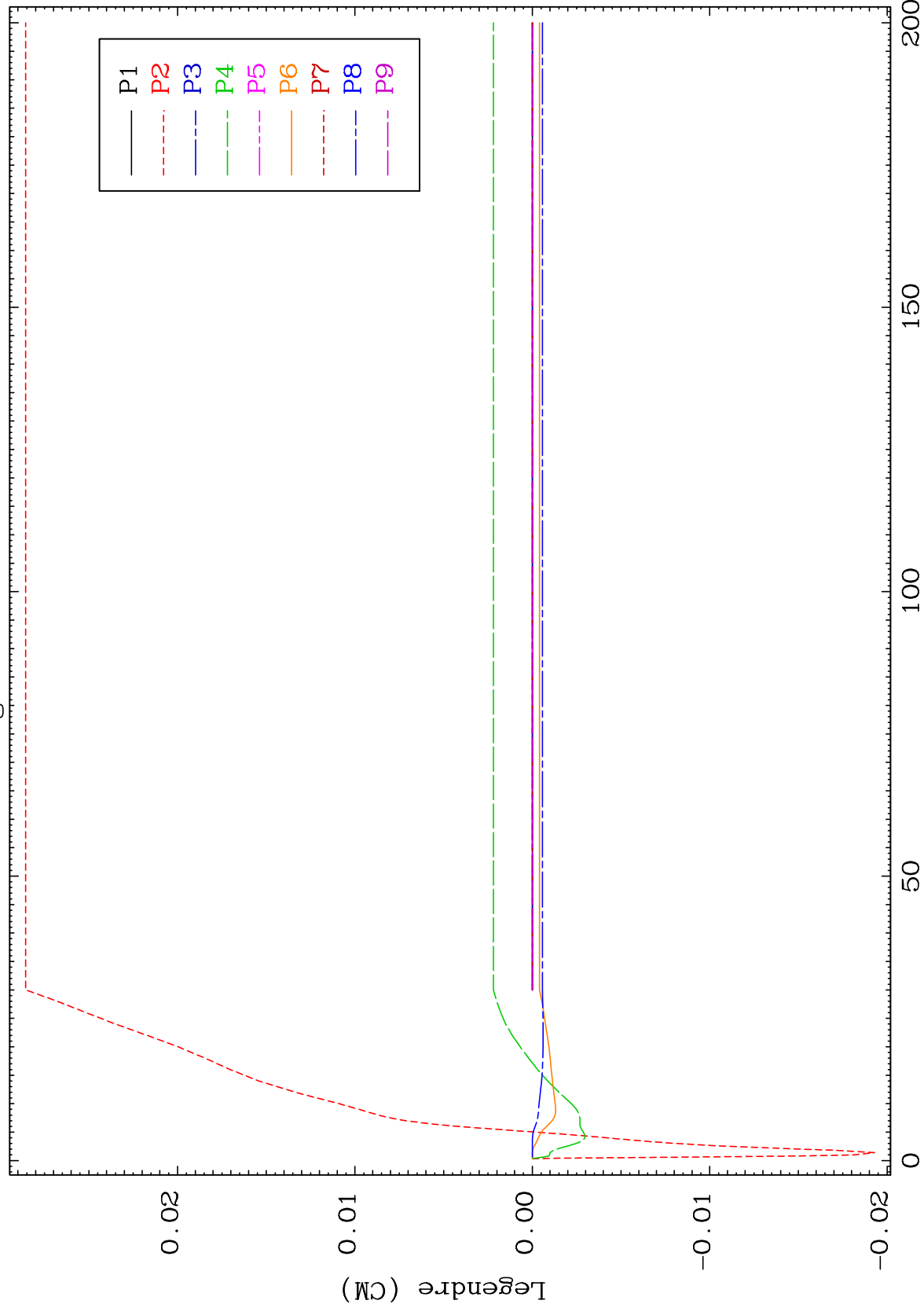
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



64

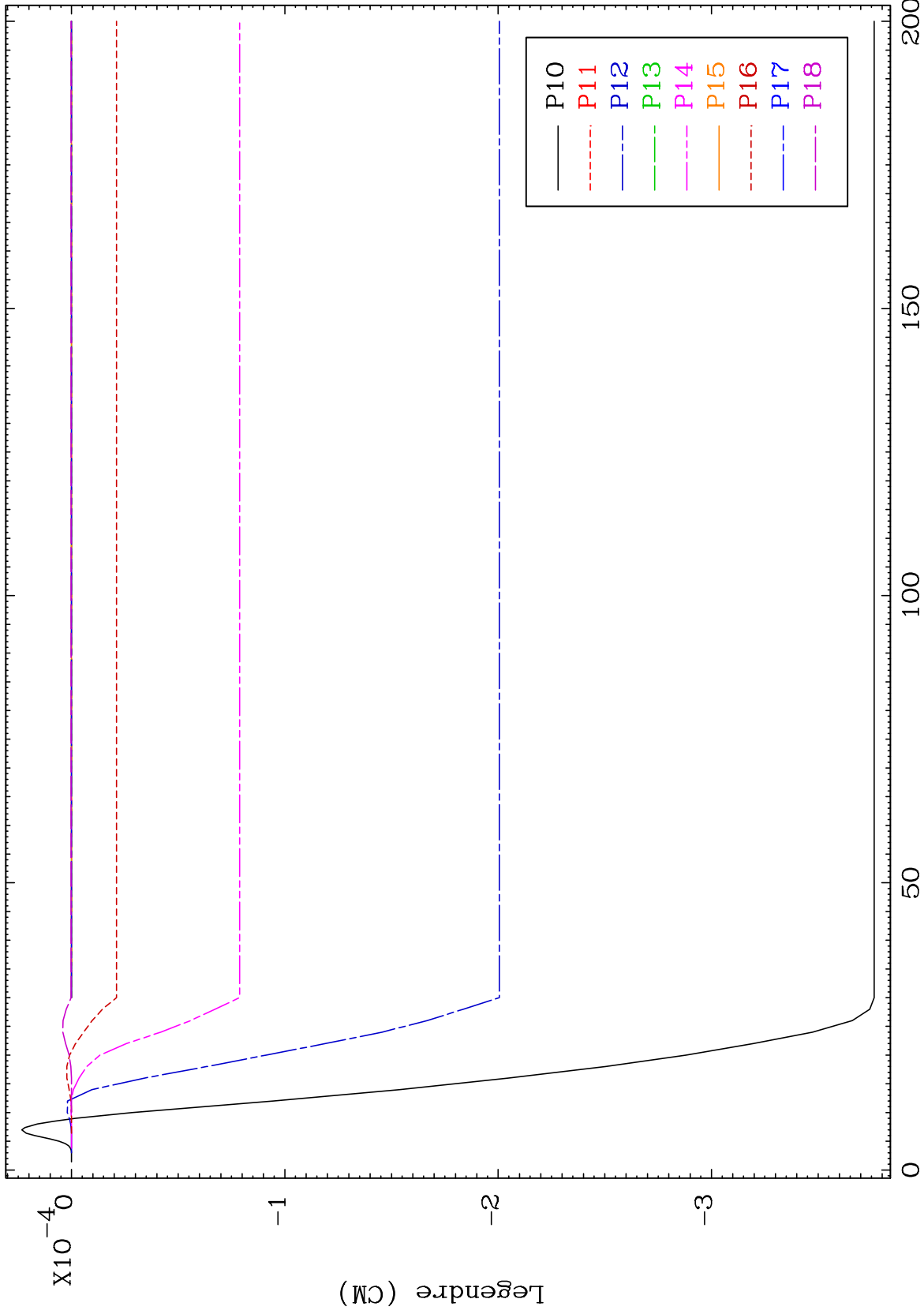
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

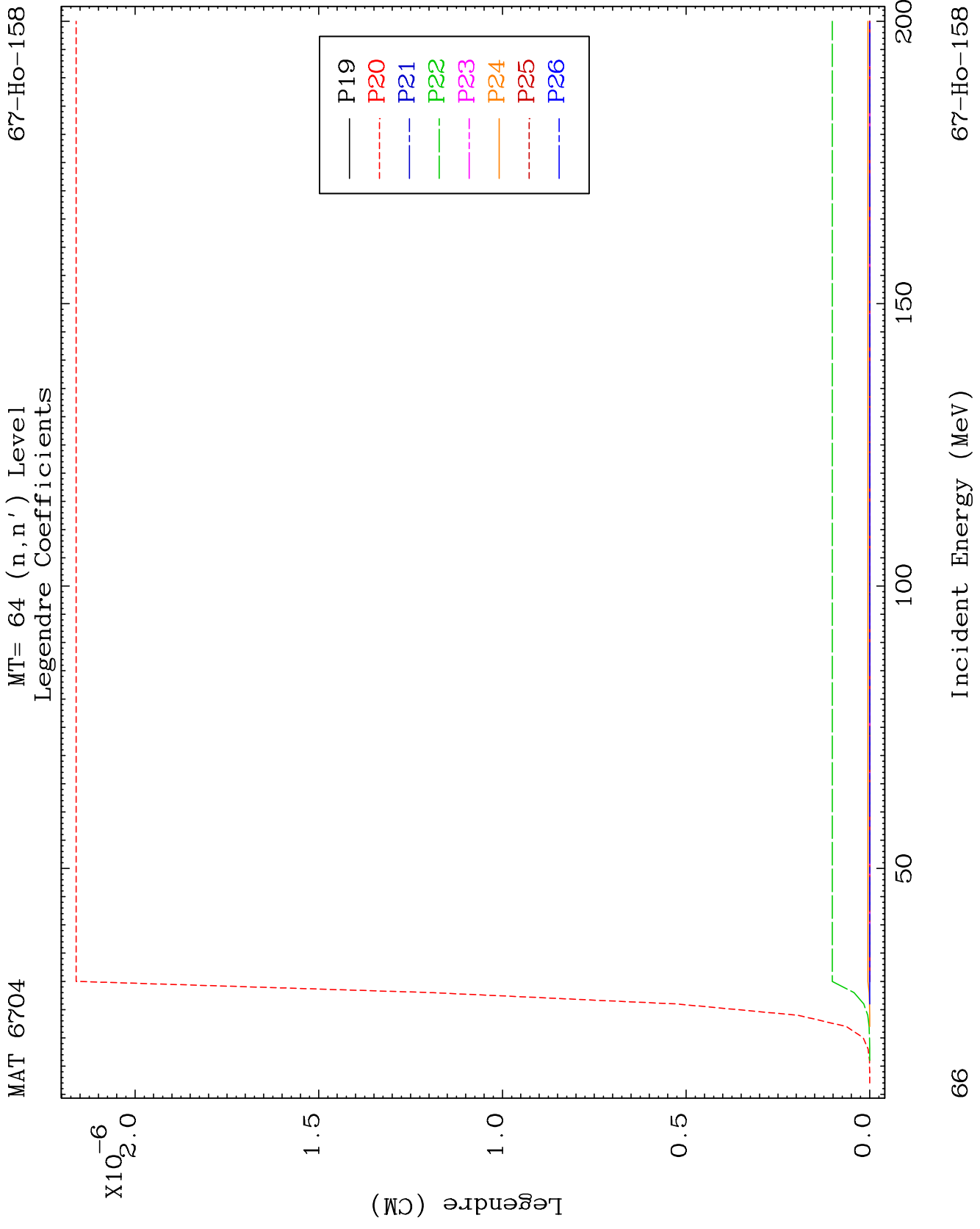
67-Ho-158



65

Incident Energy (MeV)

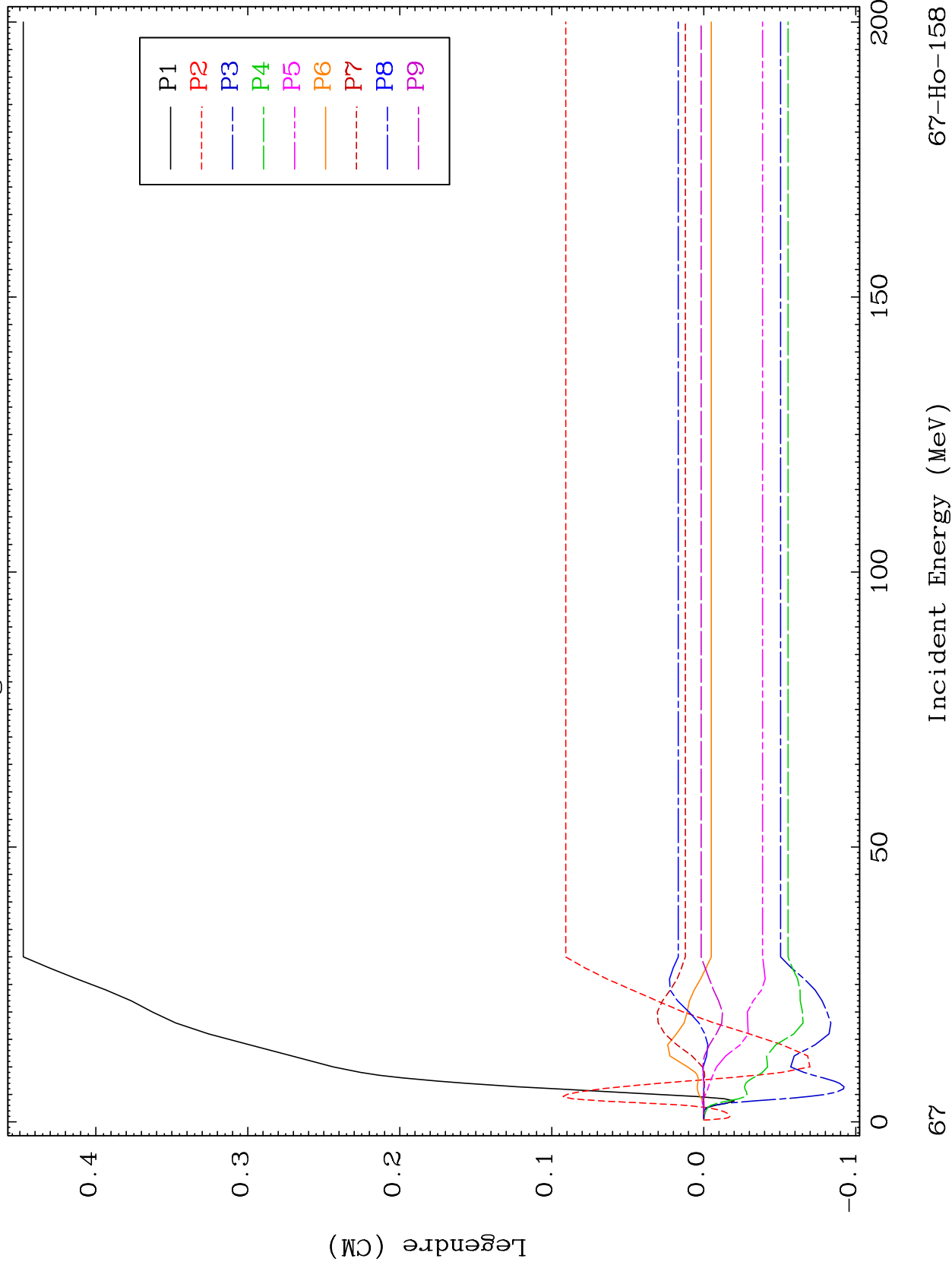
67-Ho-158



MAT 6704

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

67-Ho-158



67-Ho-158

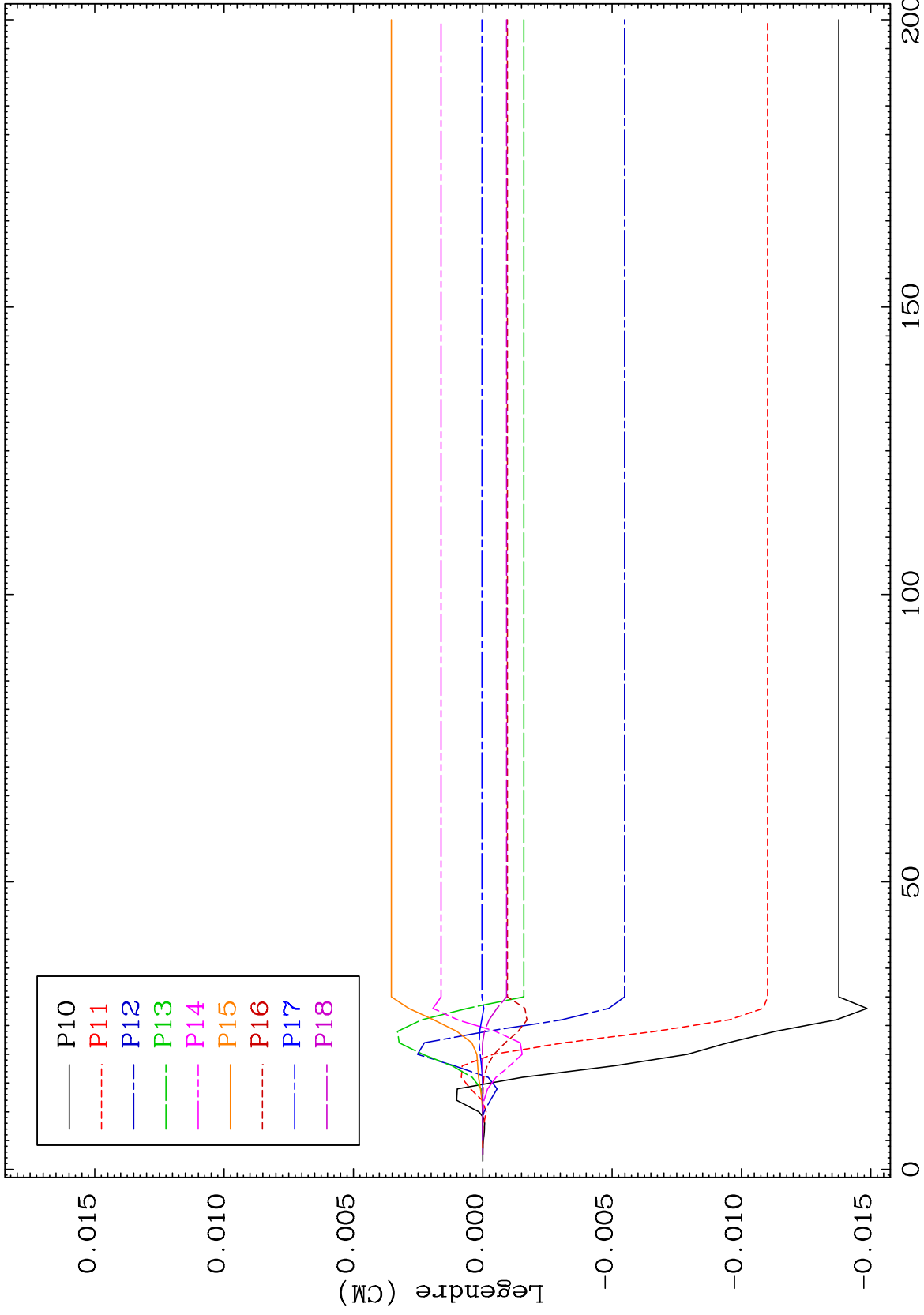
Incident Energy (MeV)

67

MAT 6704

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

67-Ho-158



68

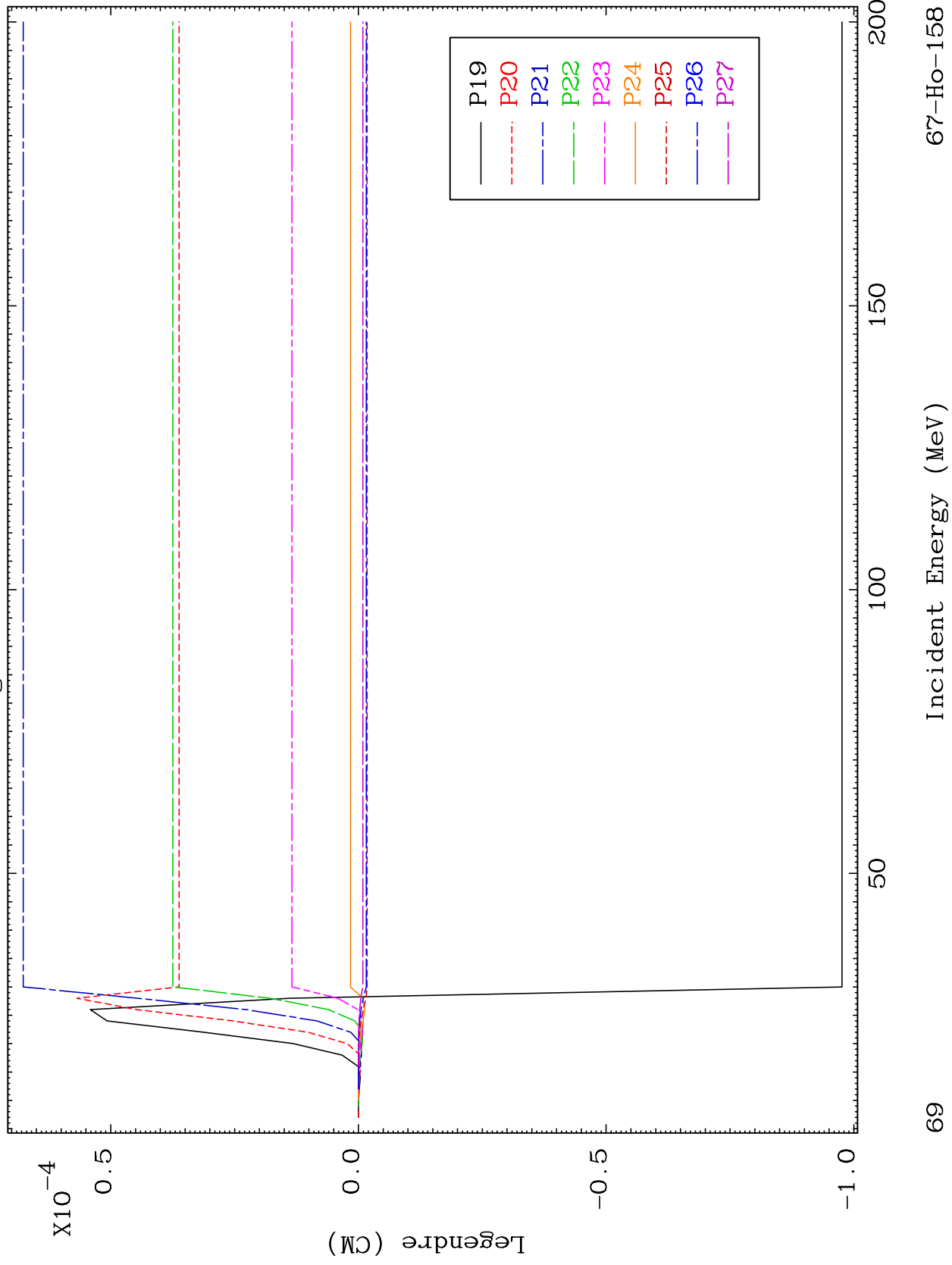
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

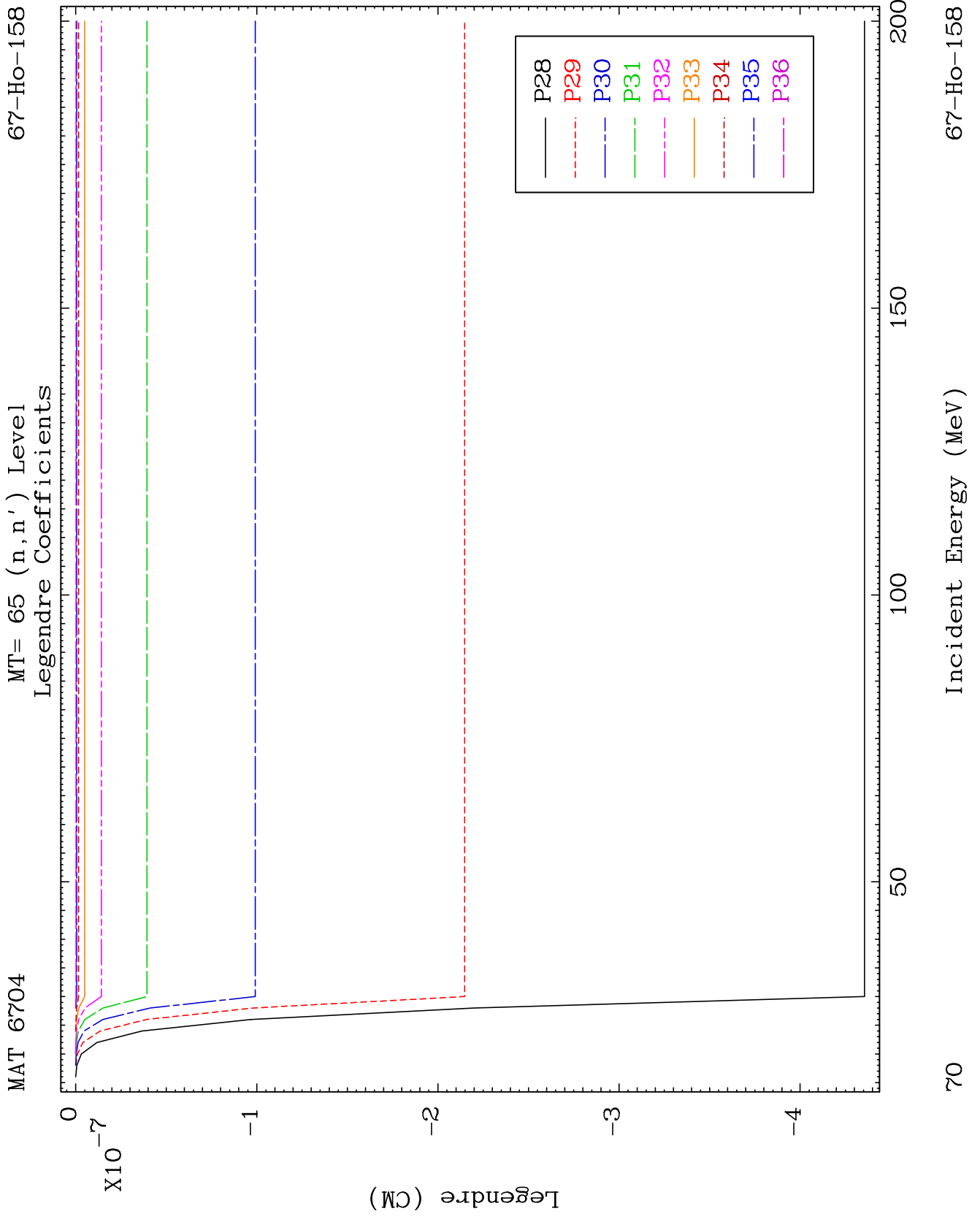
67-Ho-158



69

Incident Energy (MeV)

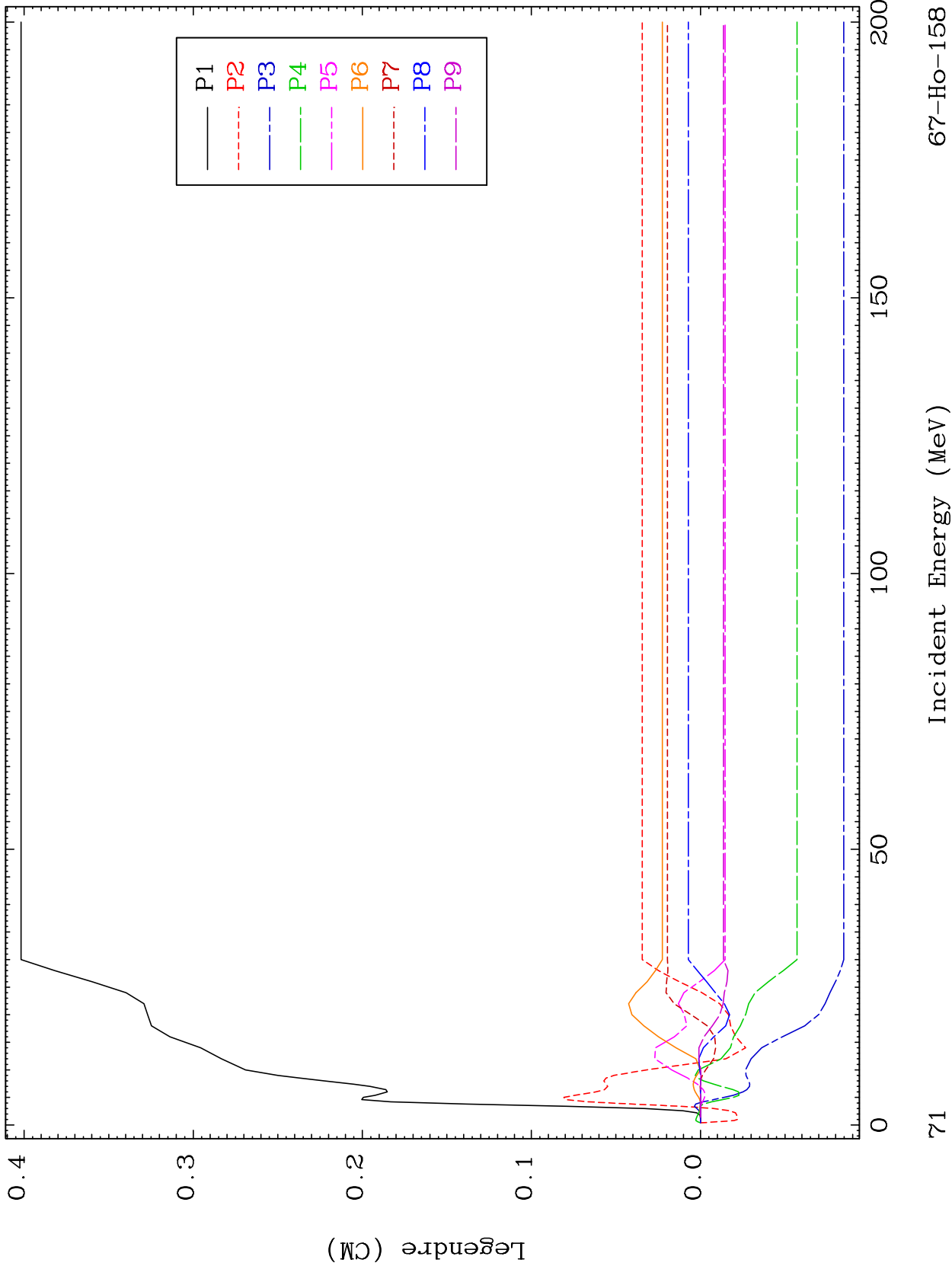
67-Ho-158



MAT 6704

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

67-Ho-158



67-Ho-158

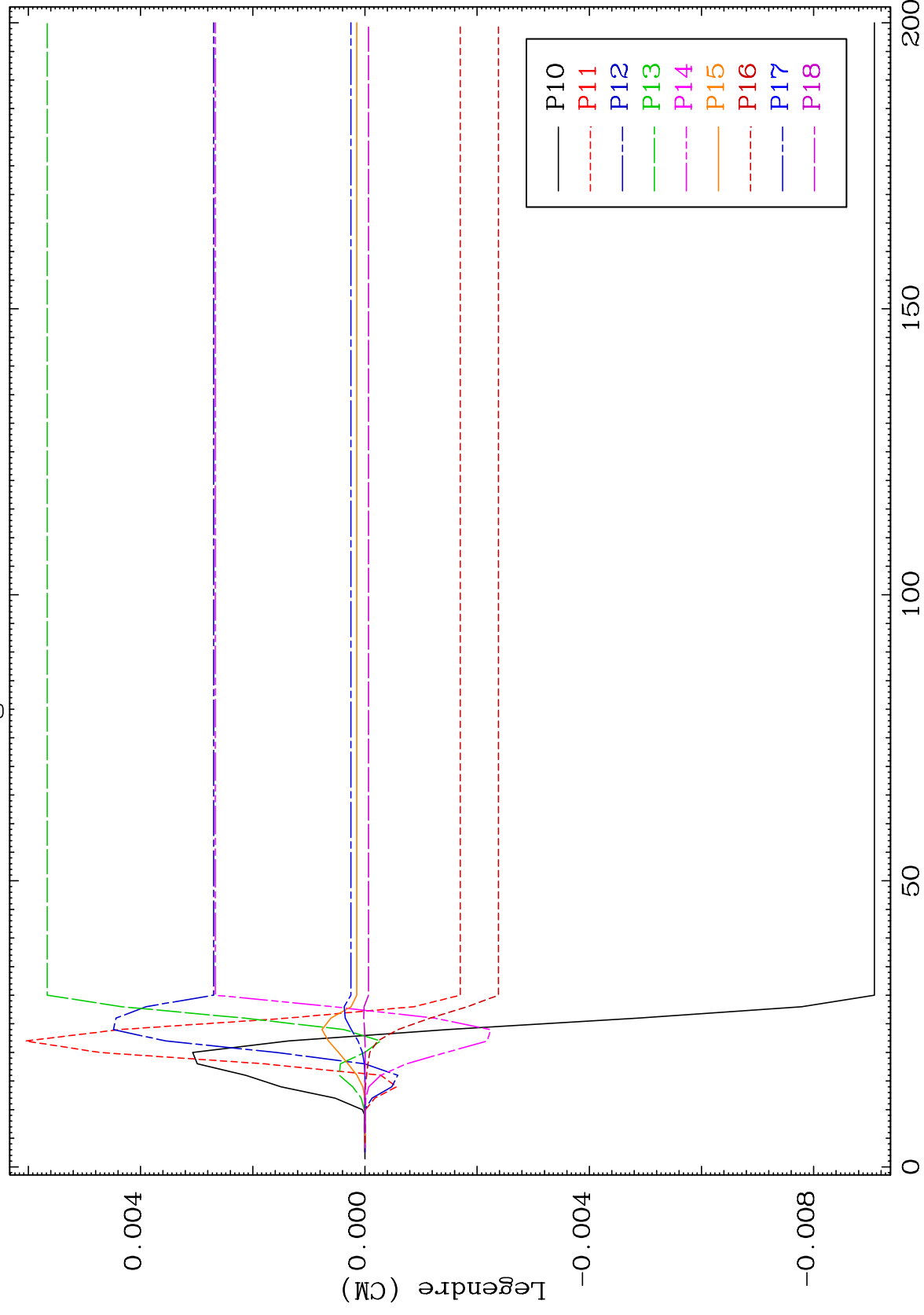
Incident Energy (MeV)

71

MAT 6704

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

67-Ho-158



72

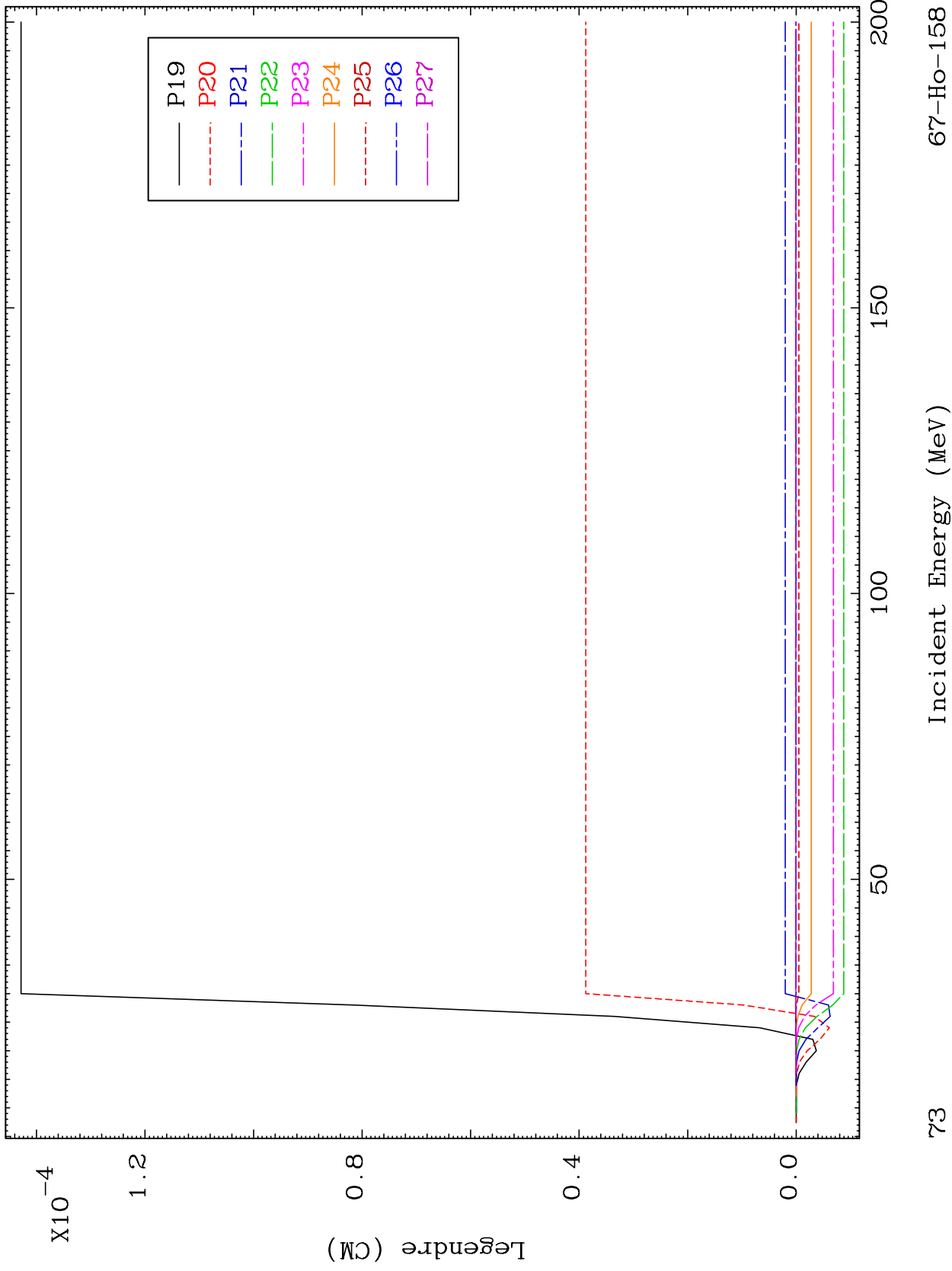
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

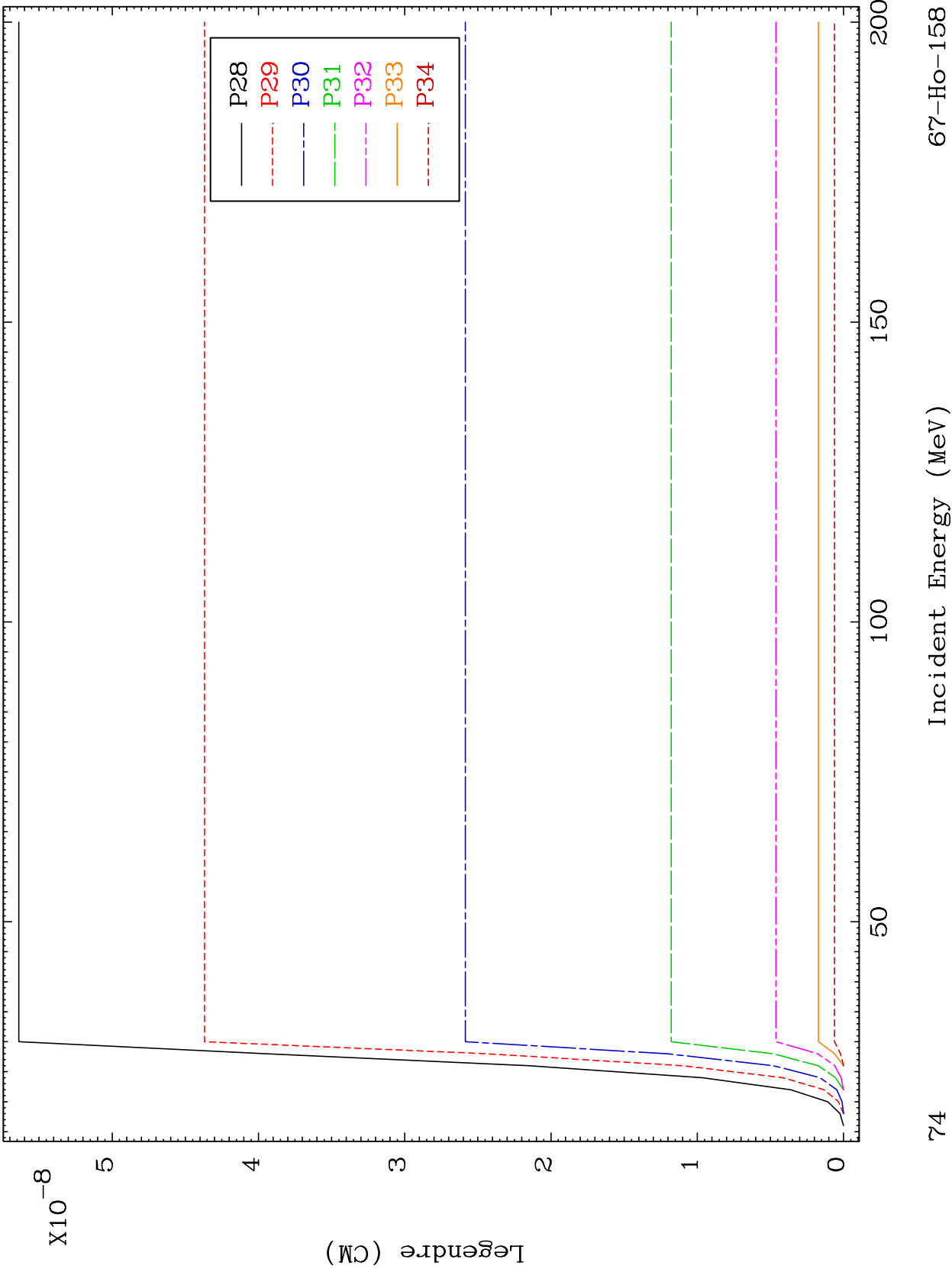
67-Ho-158



MAT 6704

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

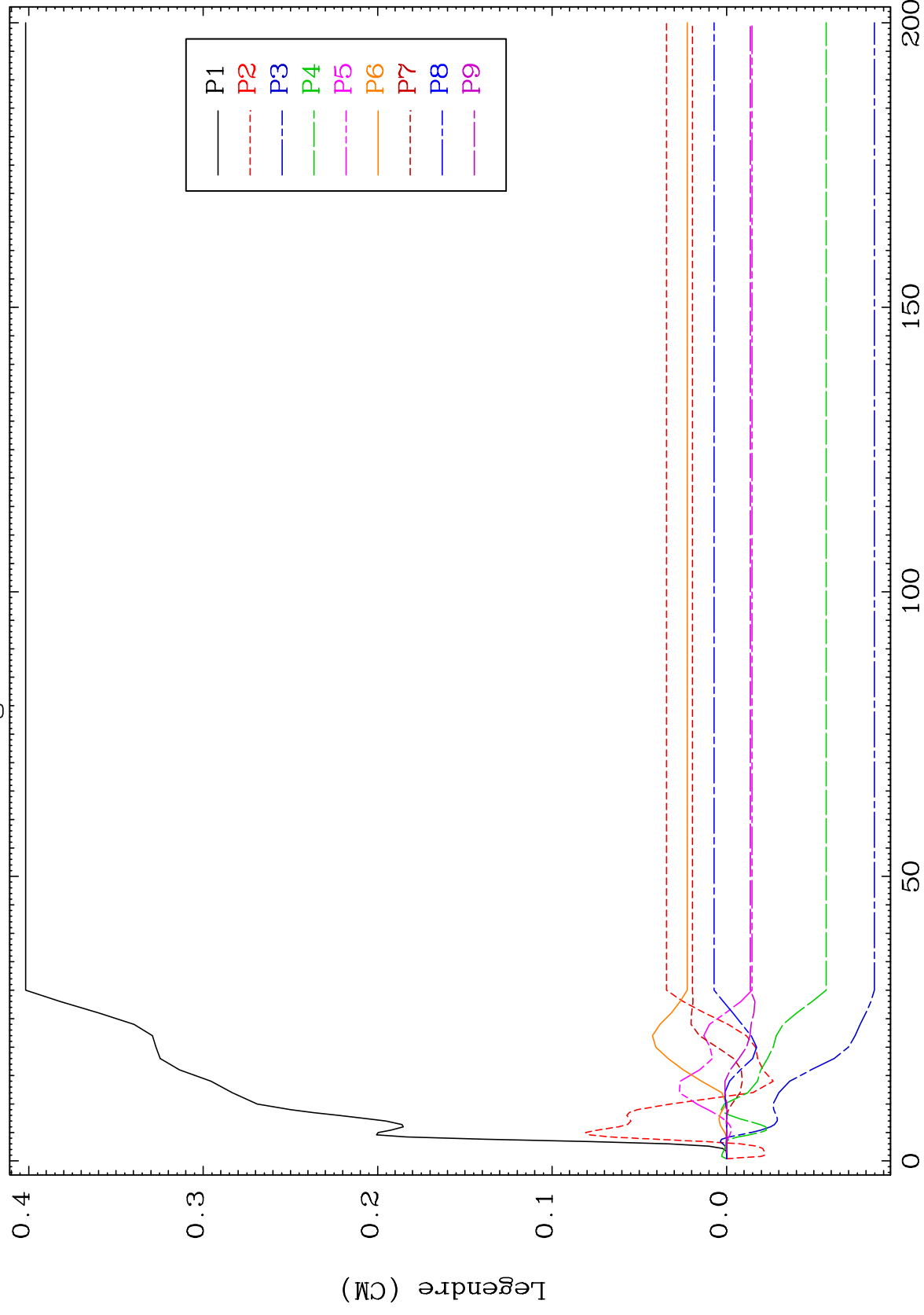
67-Ho-158



MAT 6704

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

67-Ho-158



75

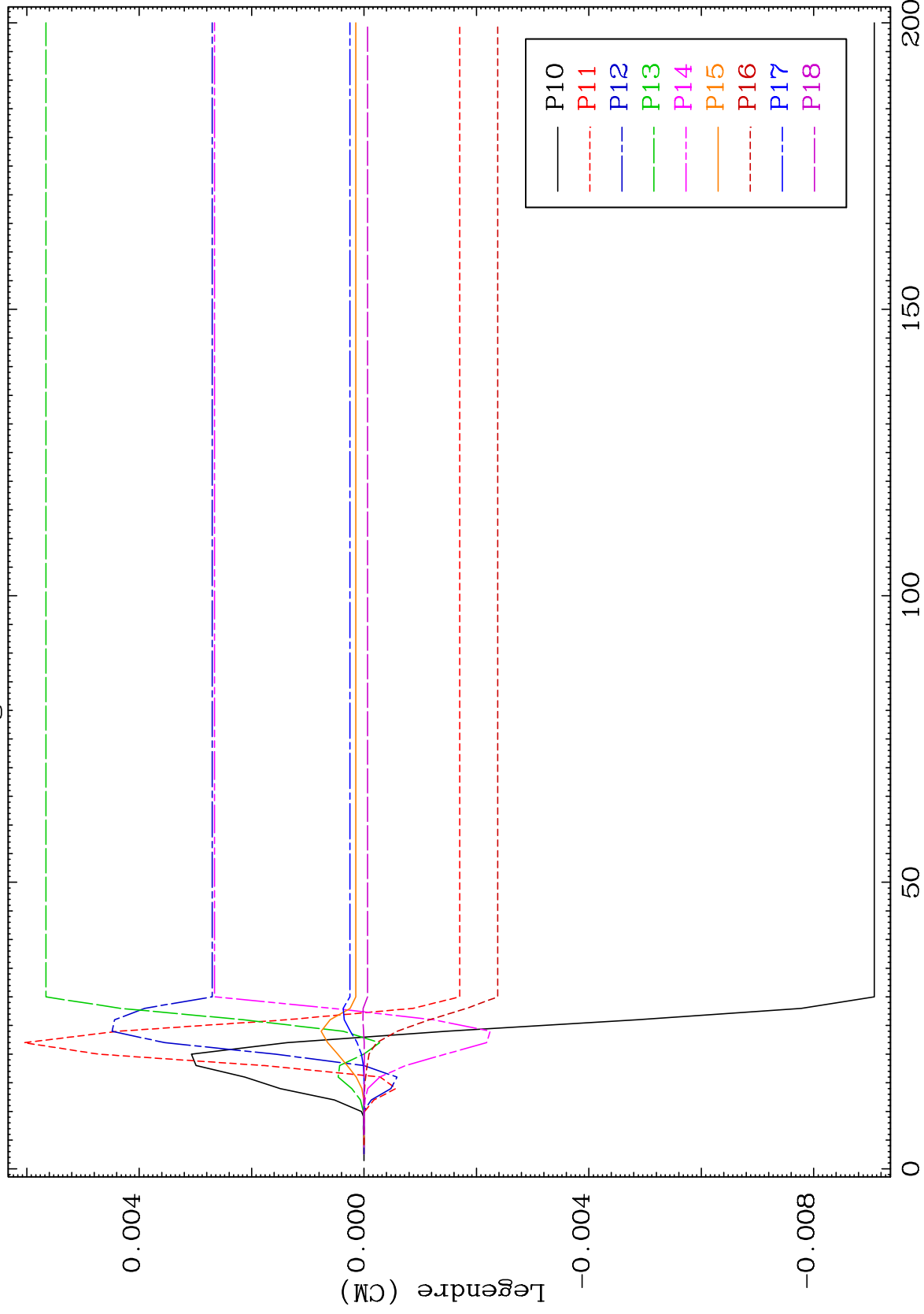
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



76

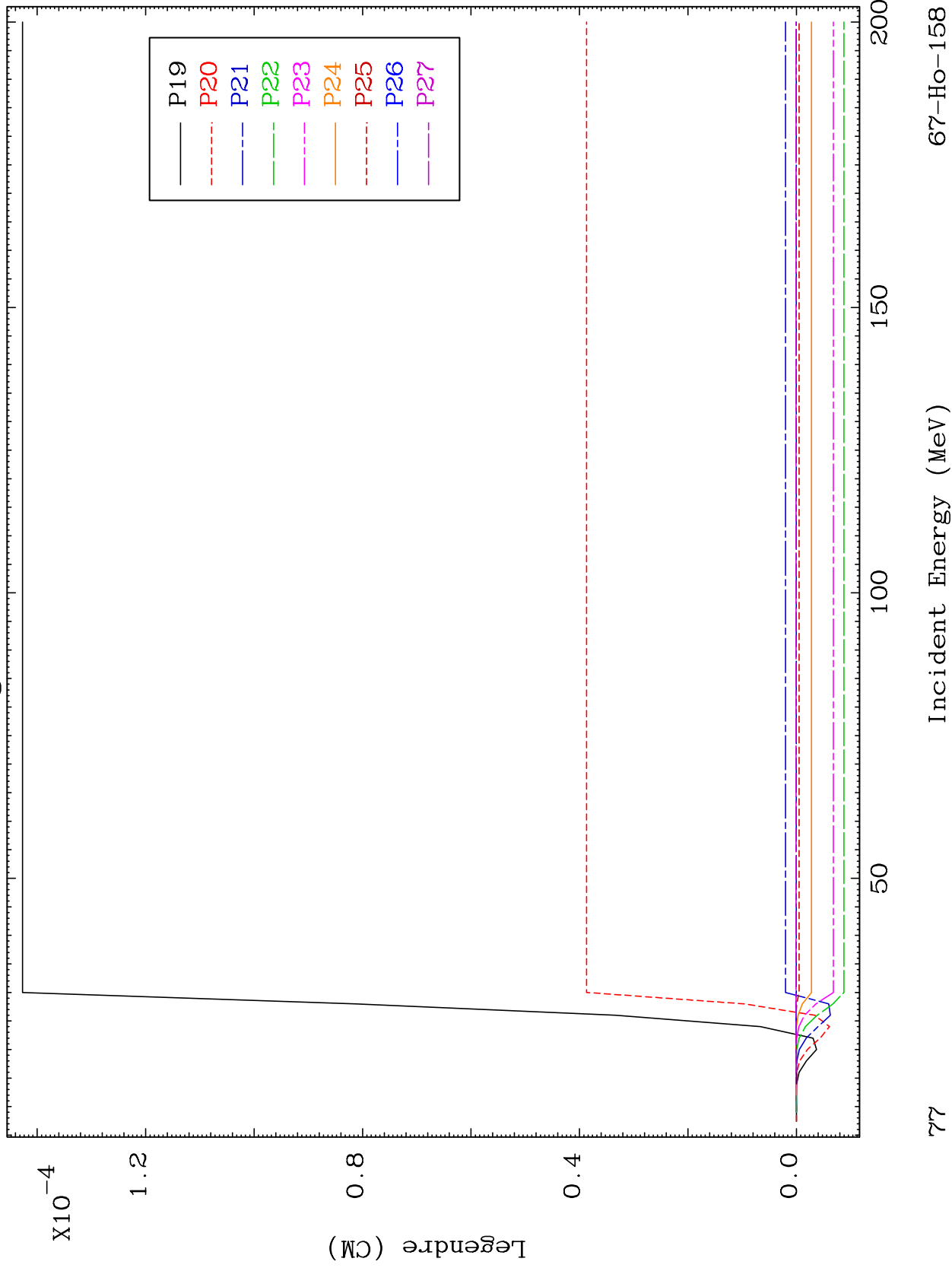
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



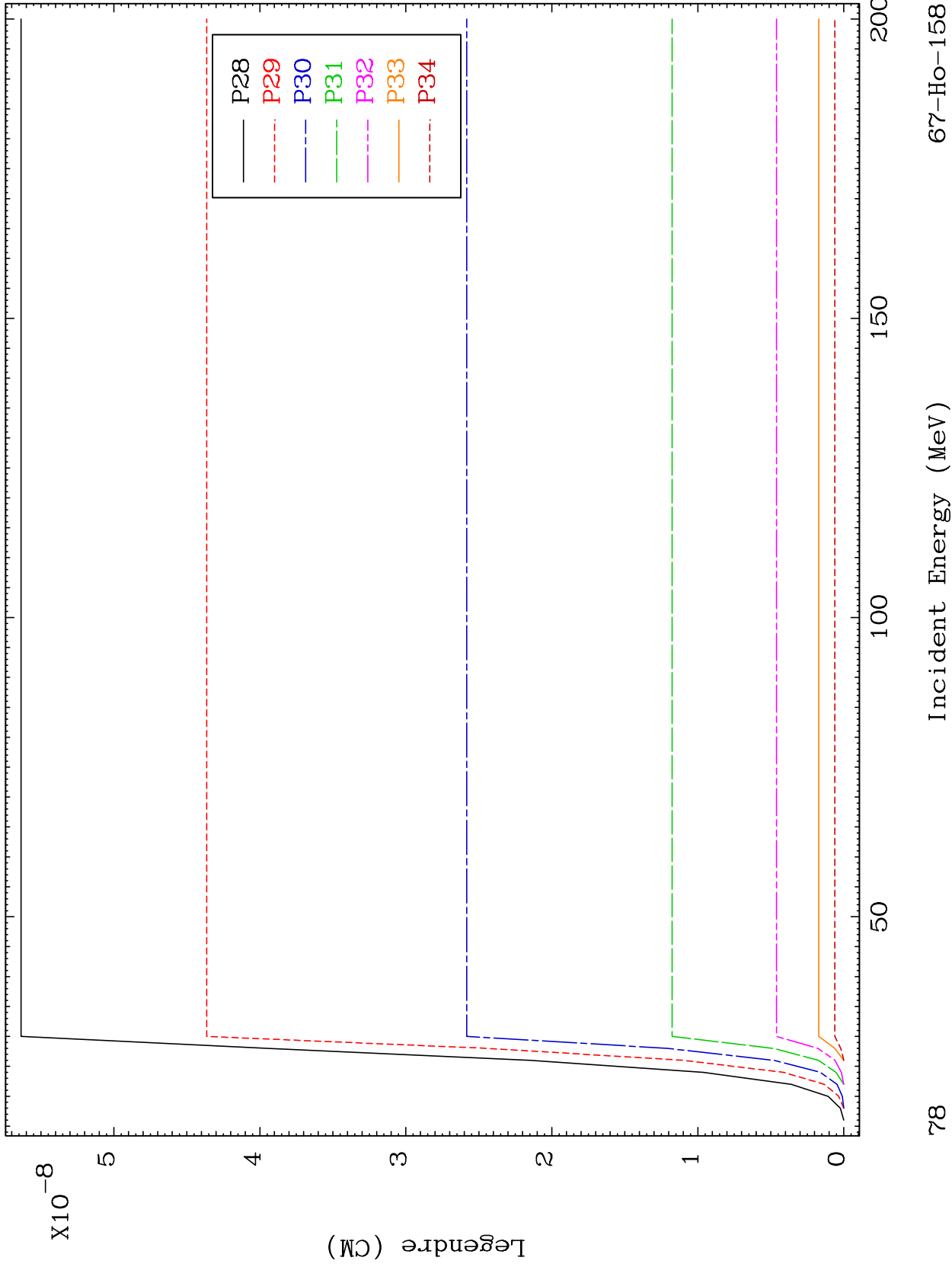
77

67-Ho-158

MAT 6704

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

67-Ho-158



78

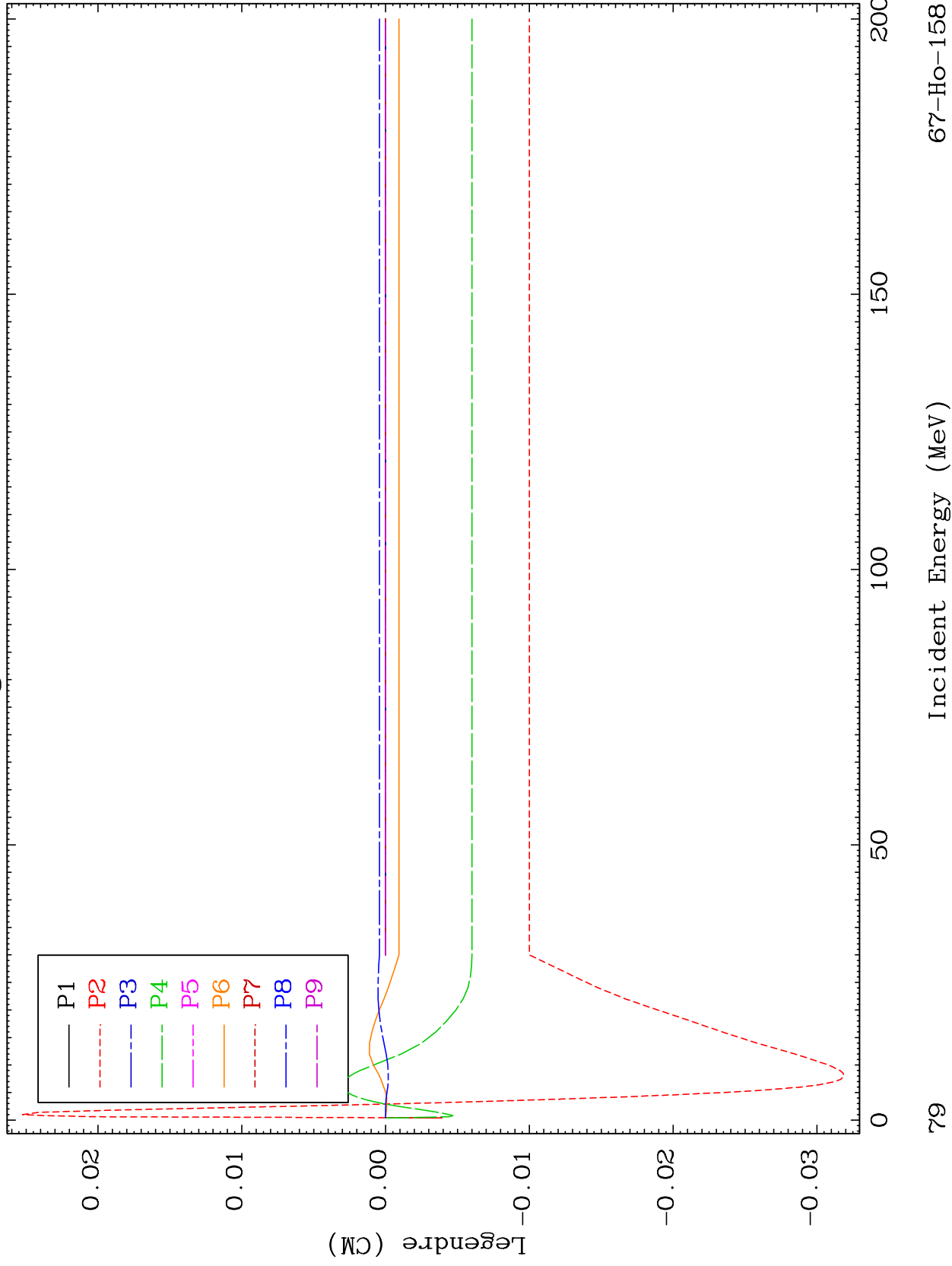
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



79

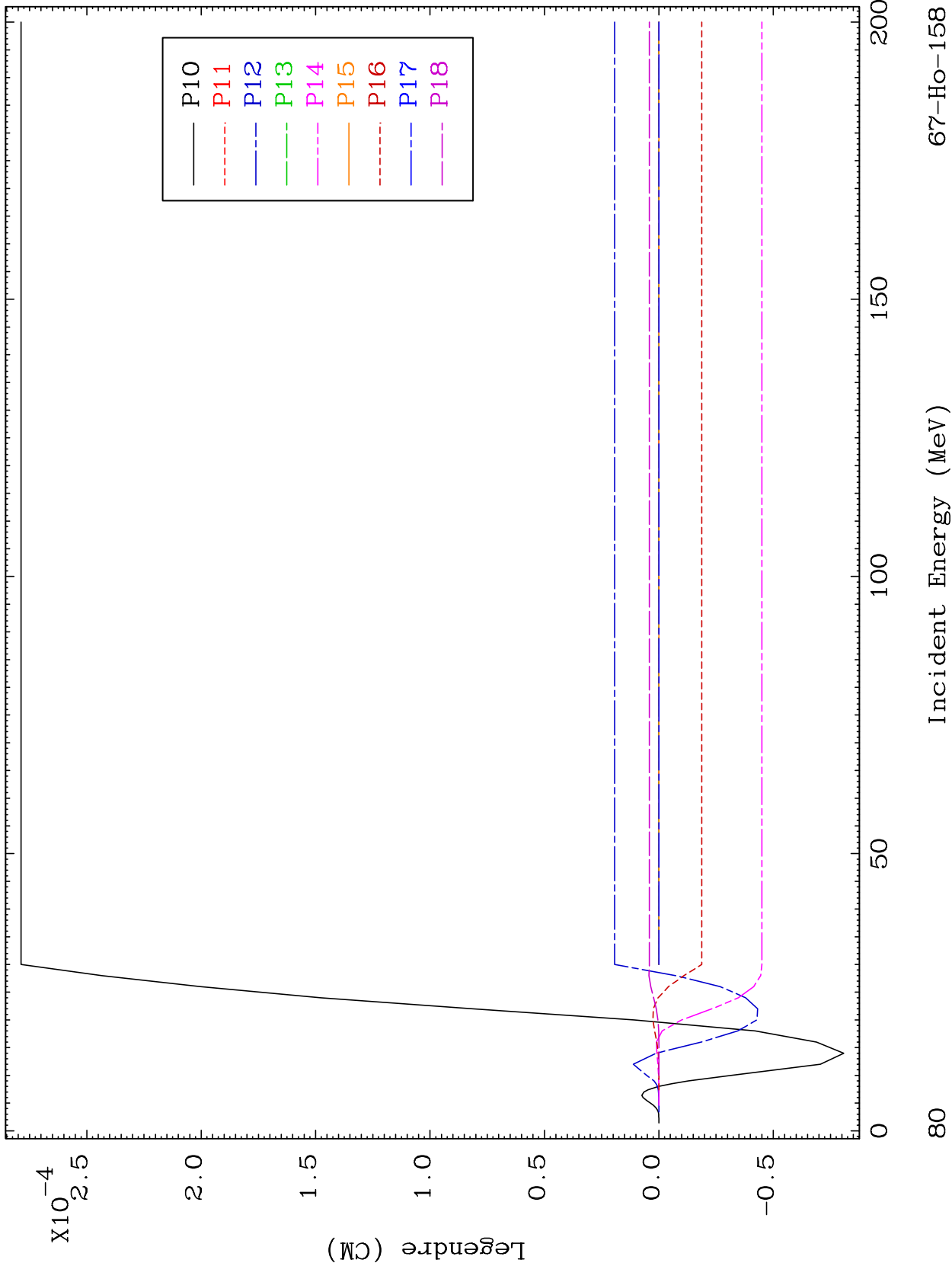
Incident Energy (MeV)

67-Ho-158

MAT 6704

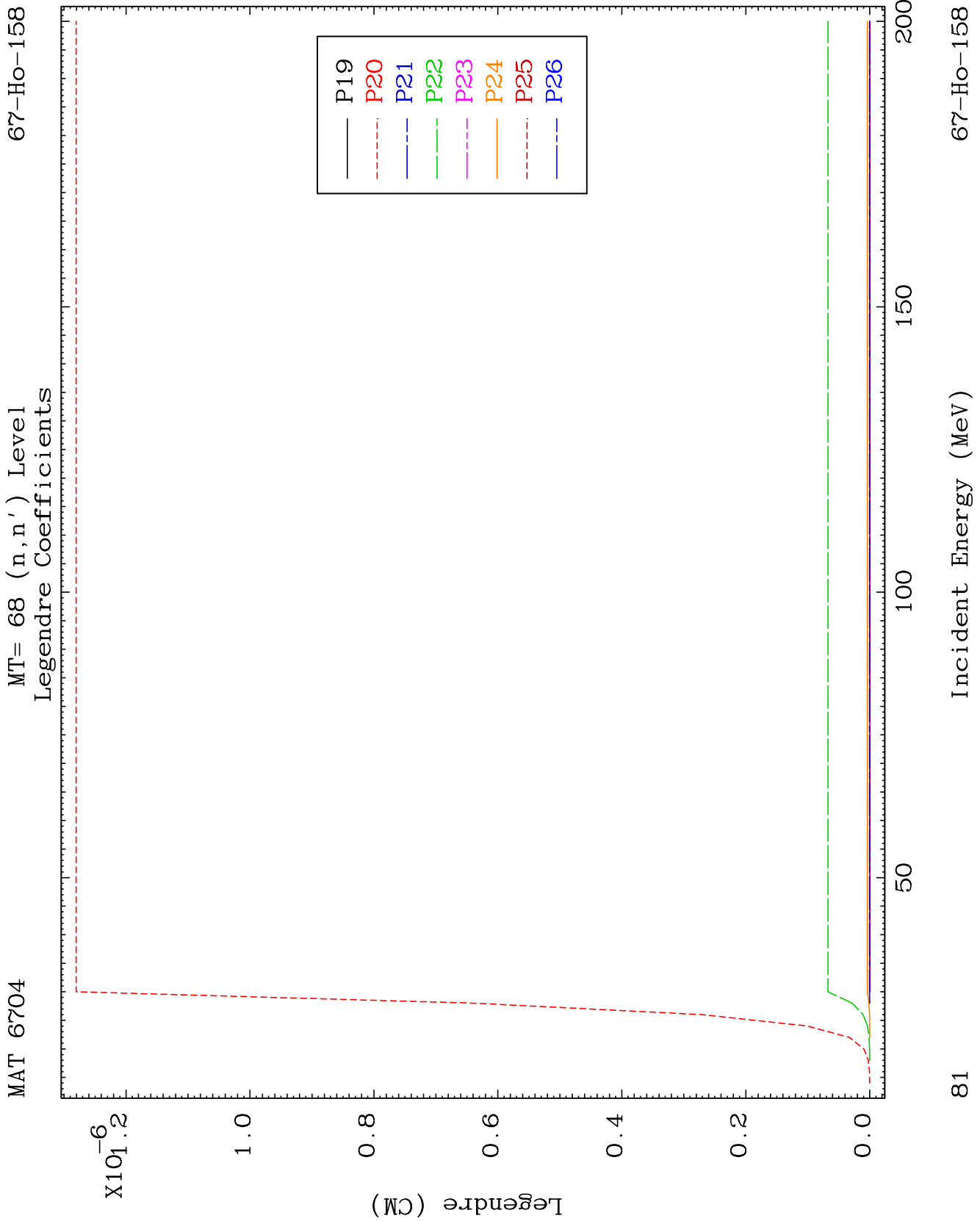
MT= 68 (n,n') Level
Legendre Coefficients

67-Ho-158



67-Ho-158

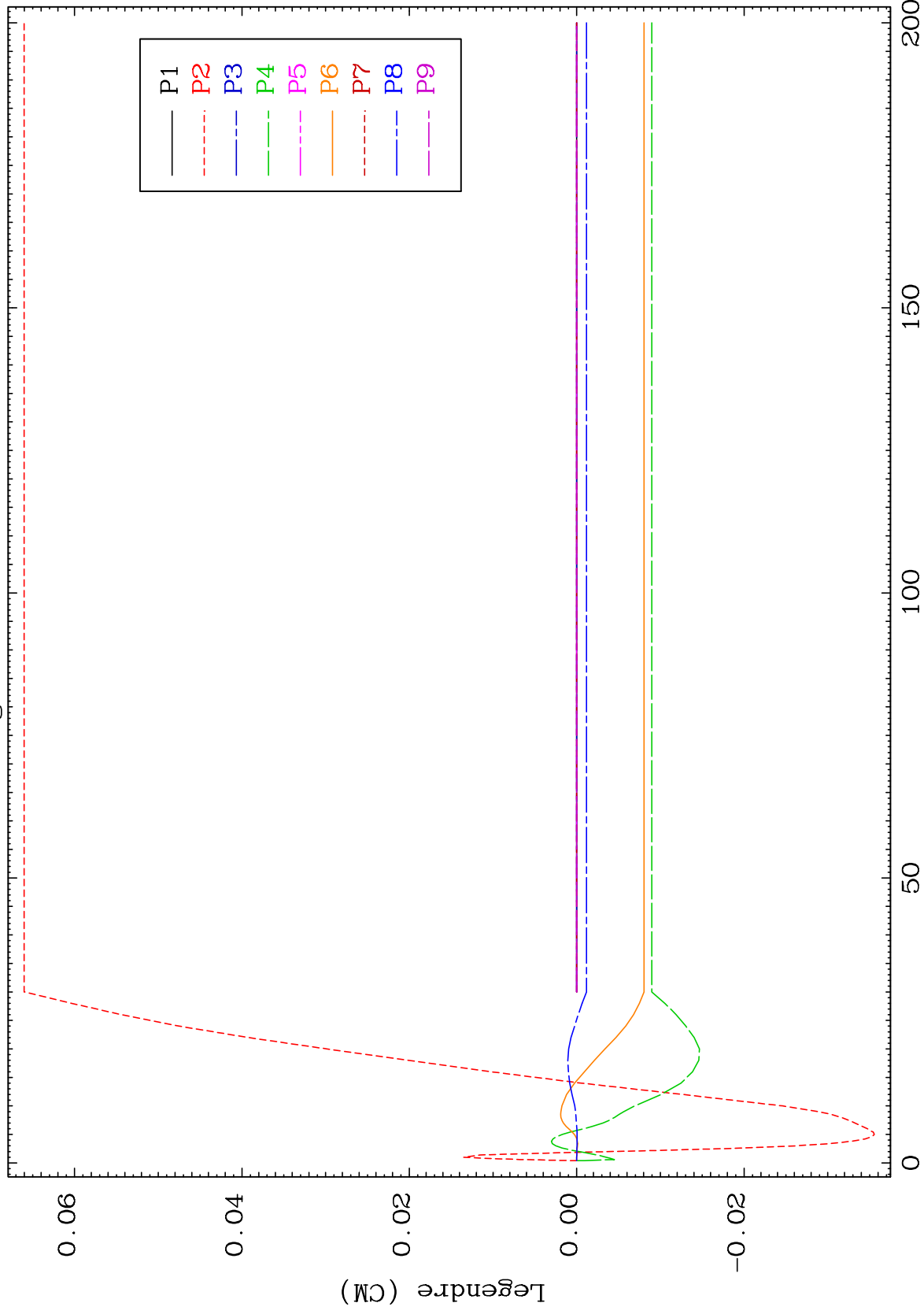
Incident Energy (MeV)



MAT 6704

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

67-Ho-158



82

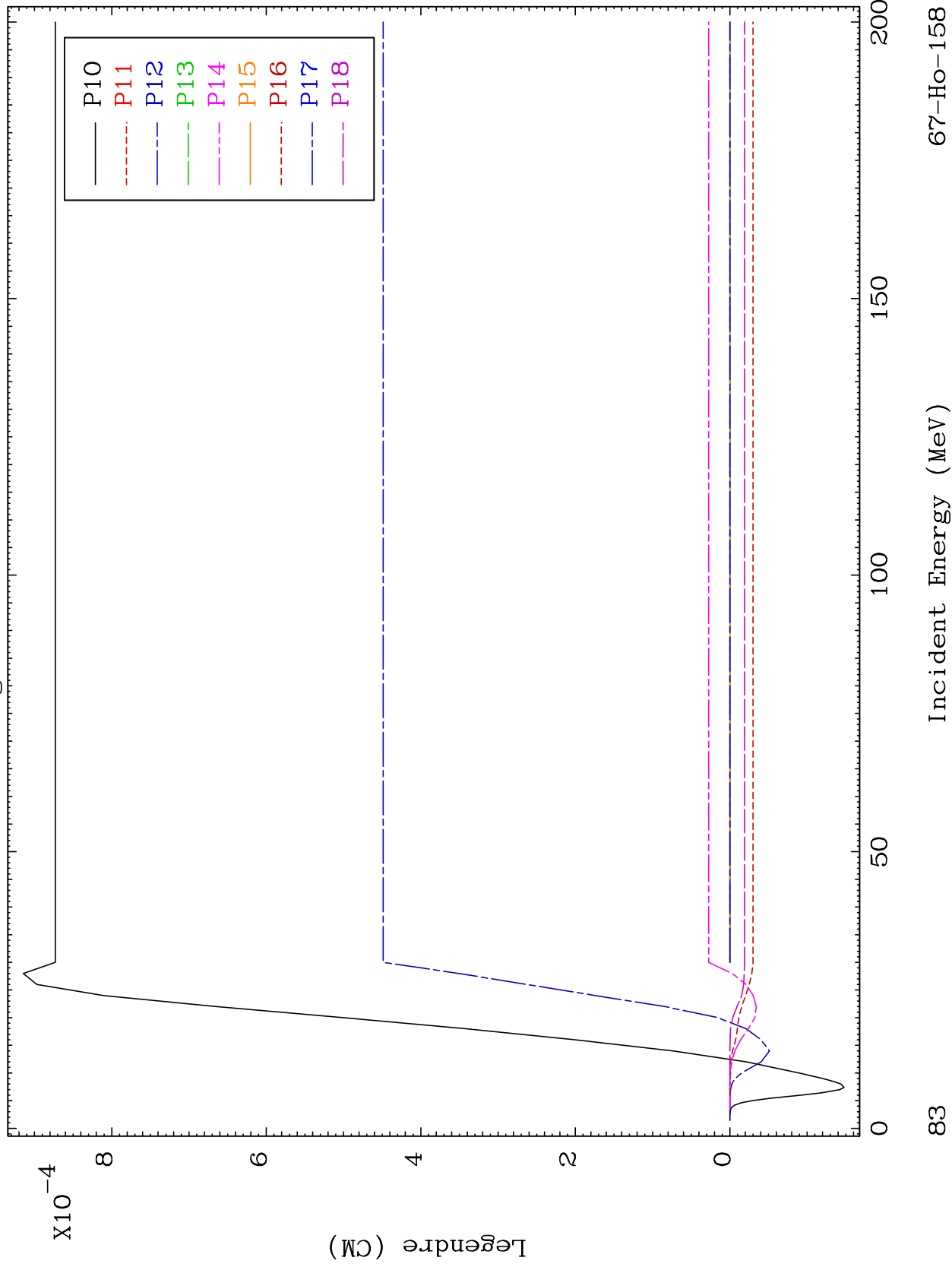
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

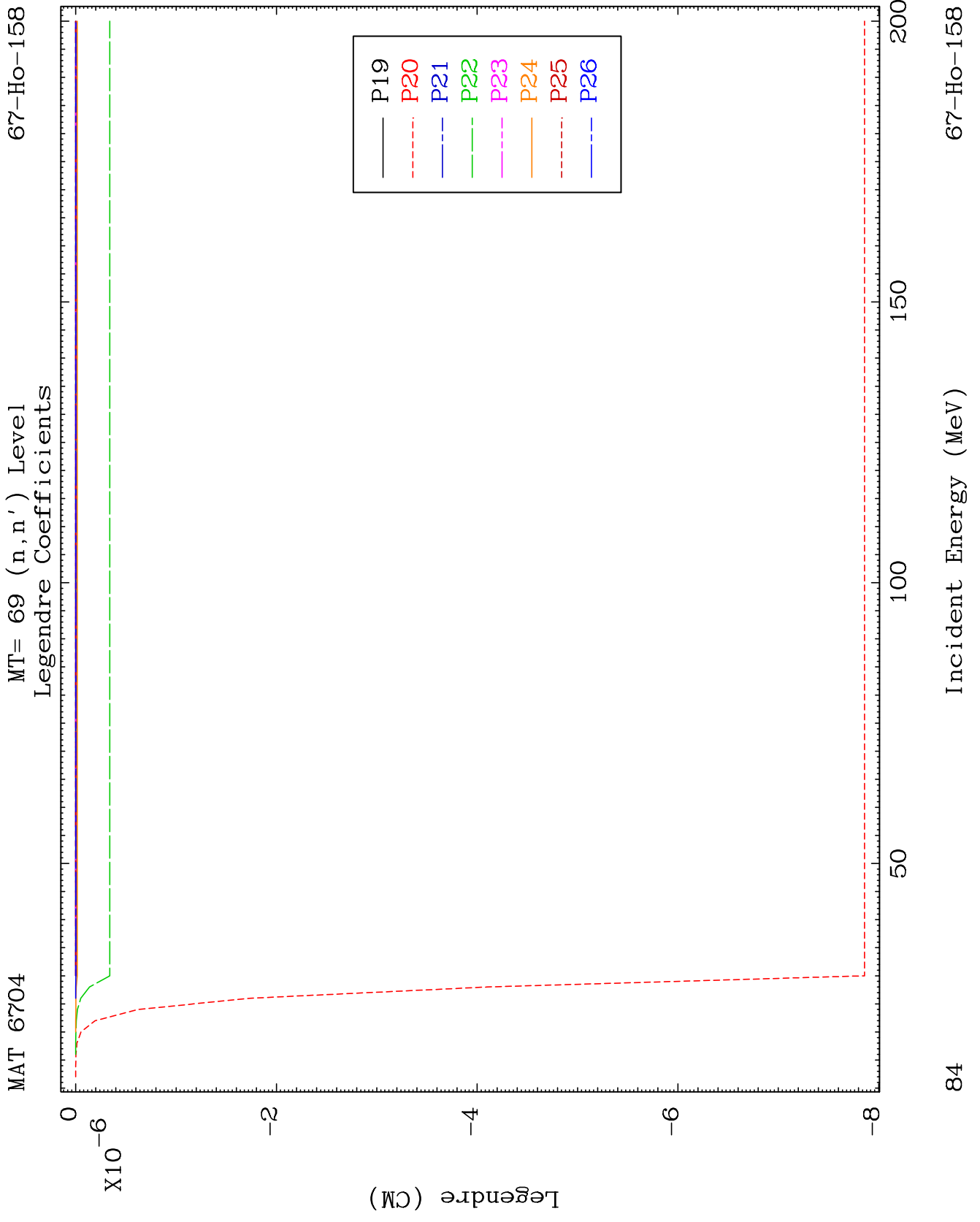
67-Ho-158



83

Incident Energy (MeV)

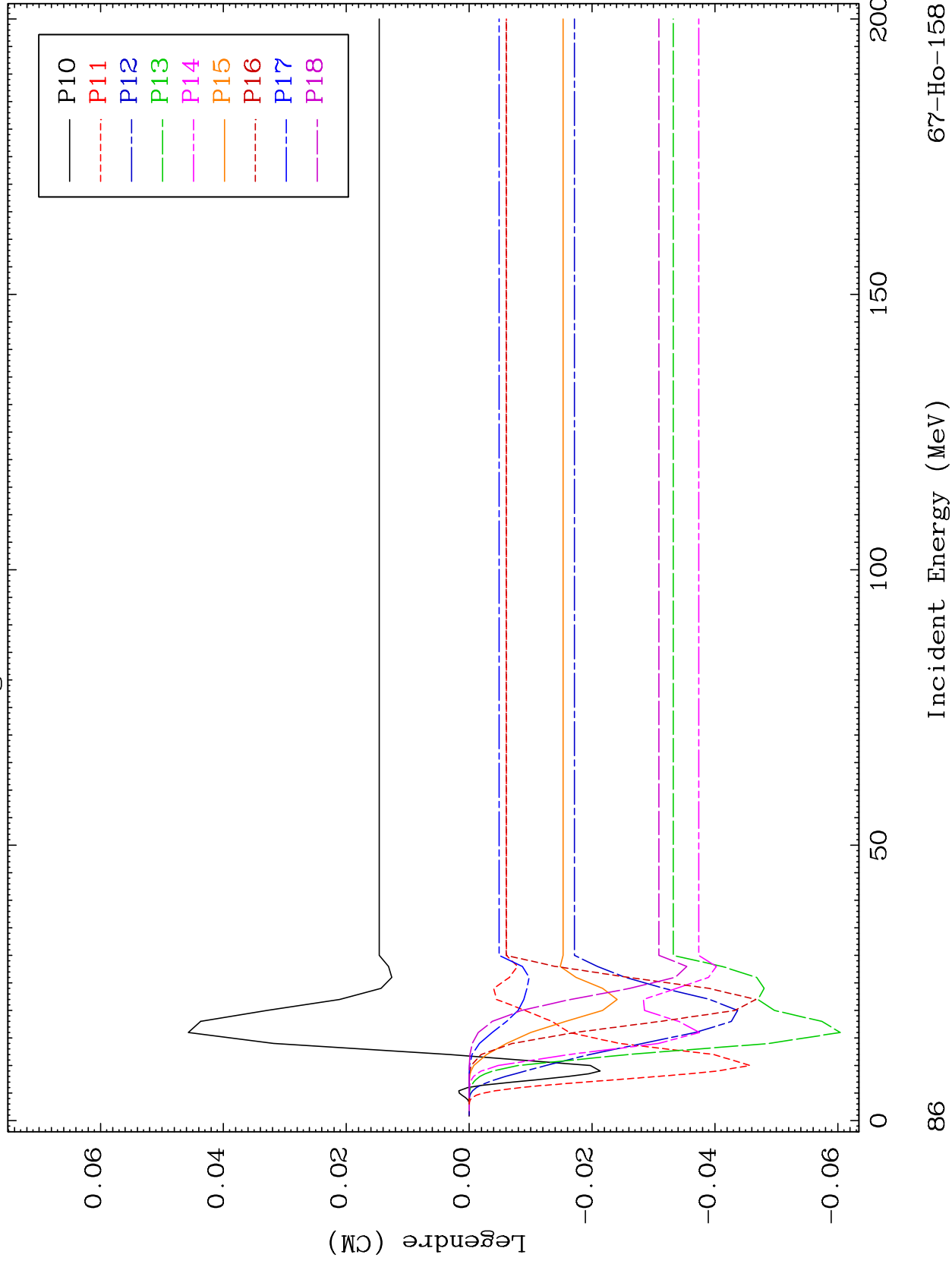
67-Ho-158



MAT 6704

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

67-Ho-158



86

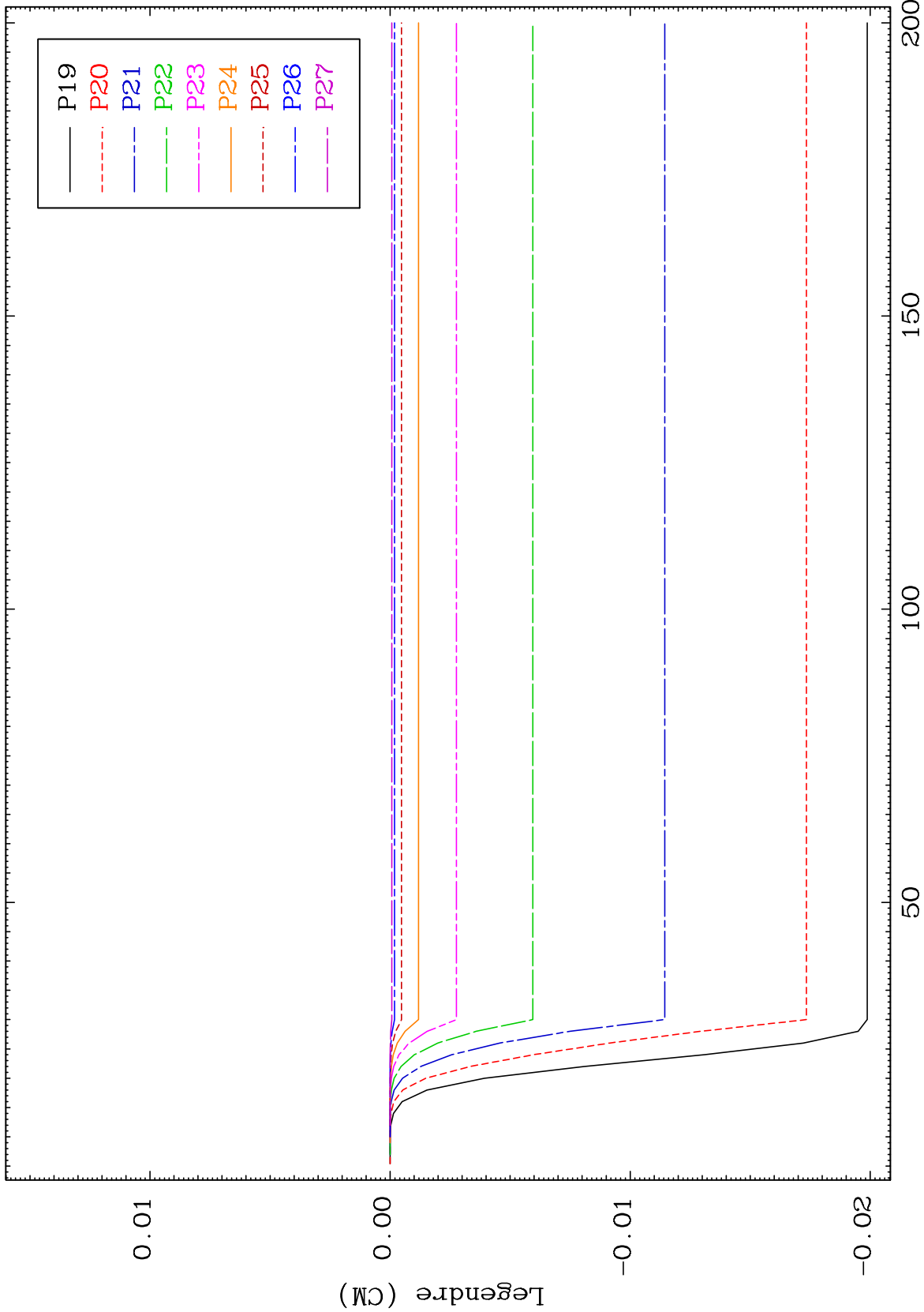
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

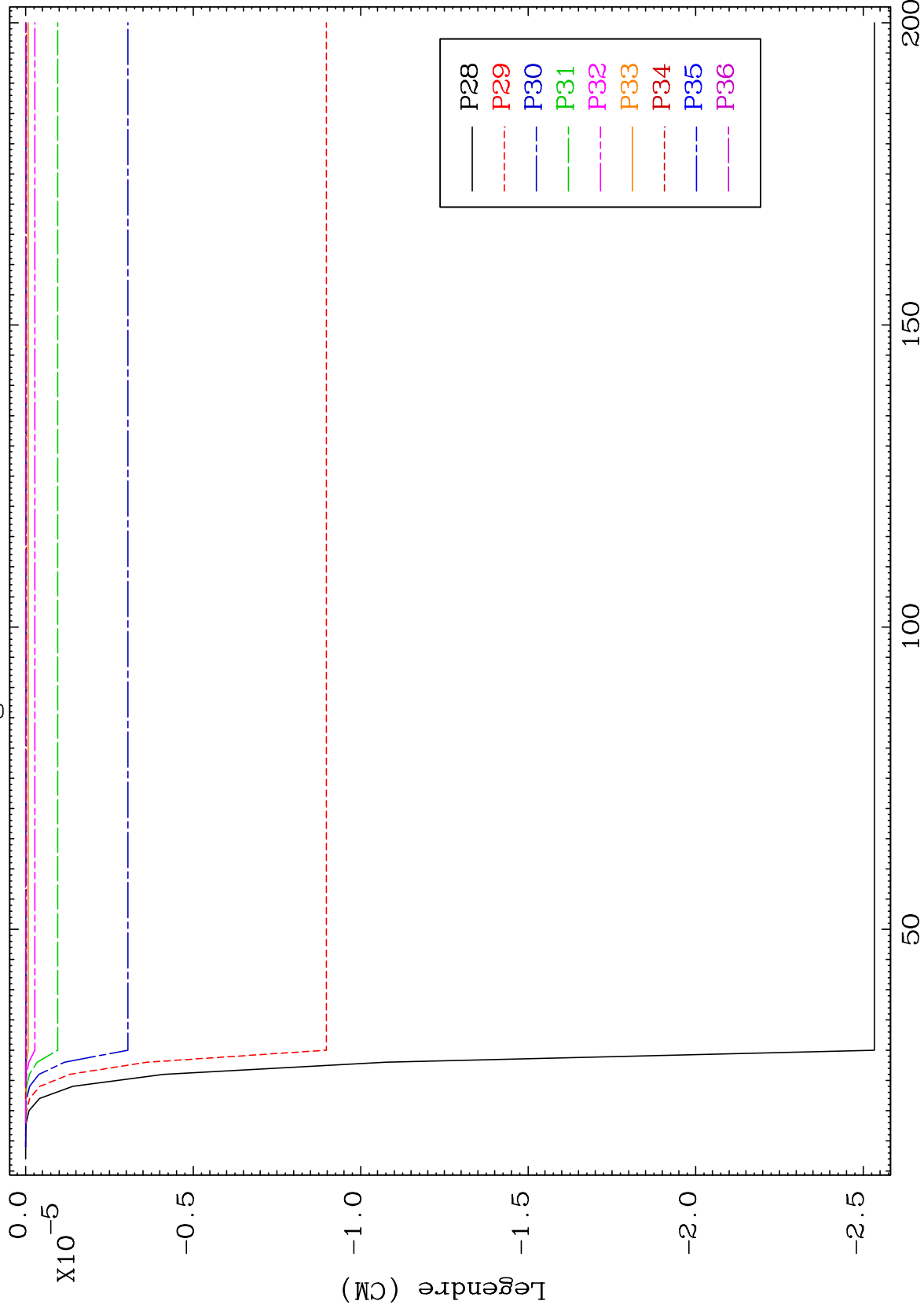
67-Ho-158



87

Incident Energy (MeV)

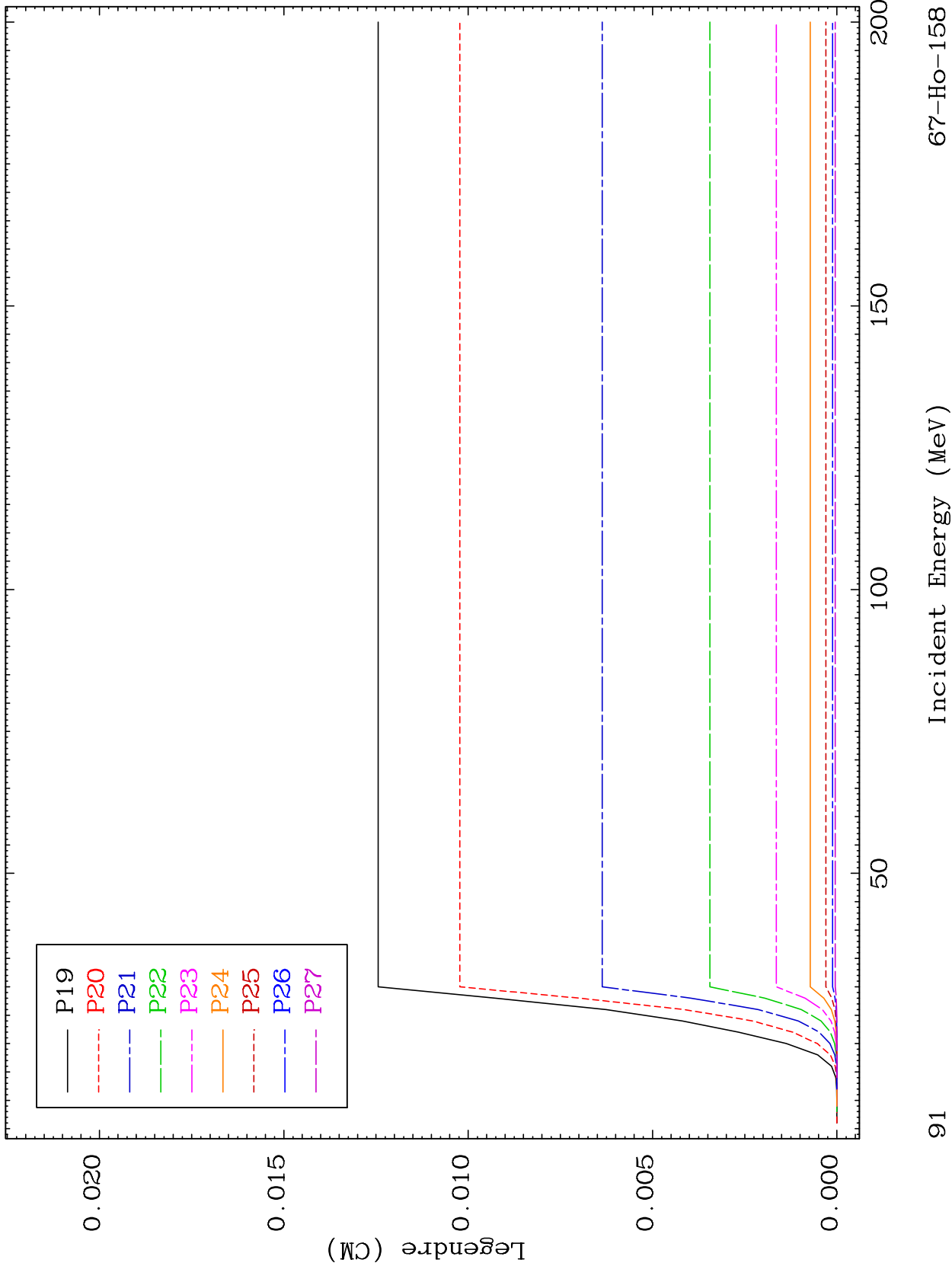
67-Ho-158



MAT 6704

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

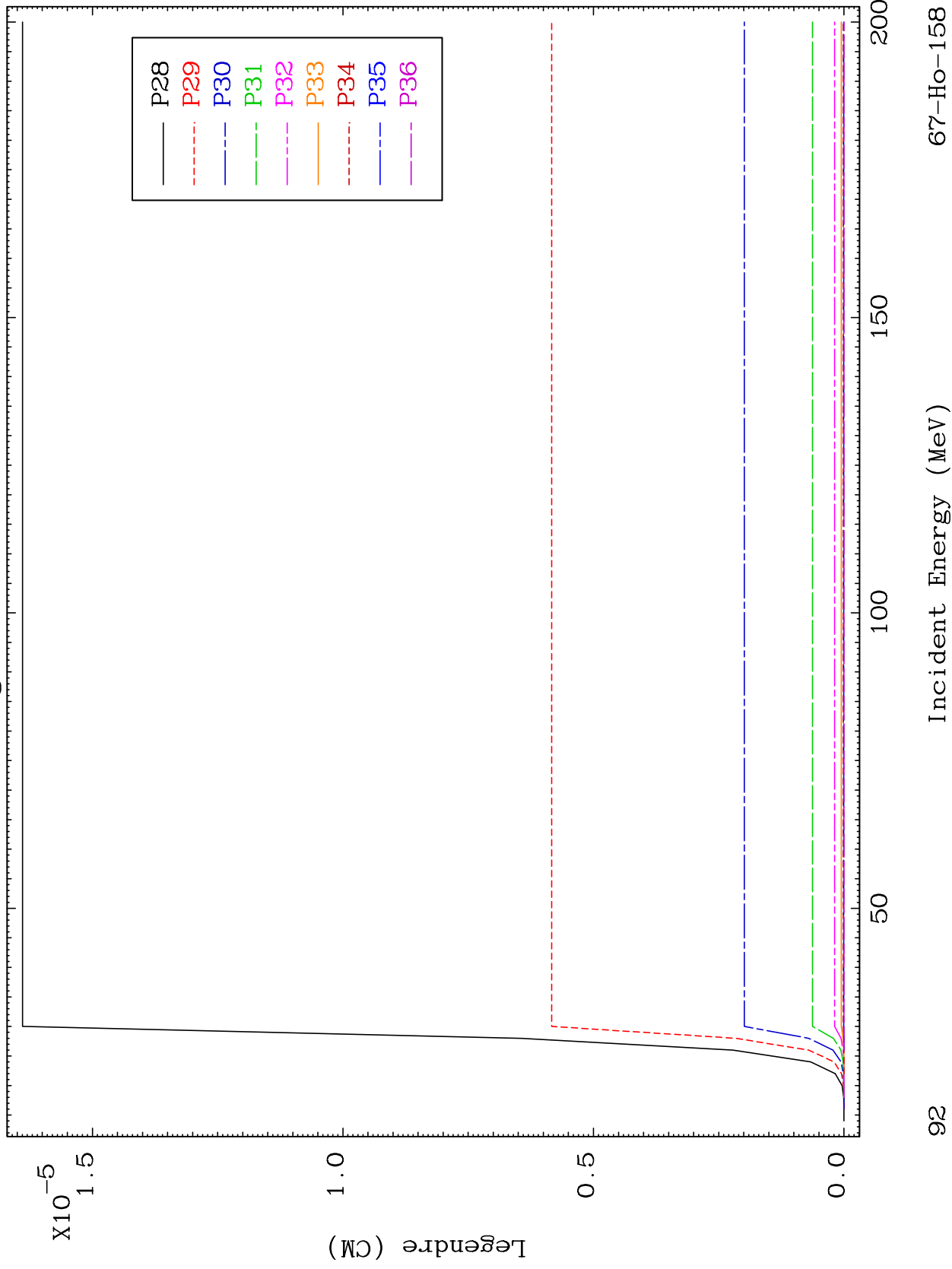
67-Ho-158



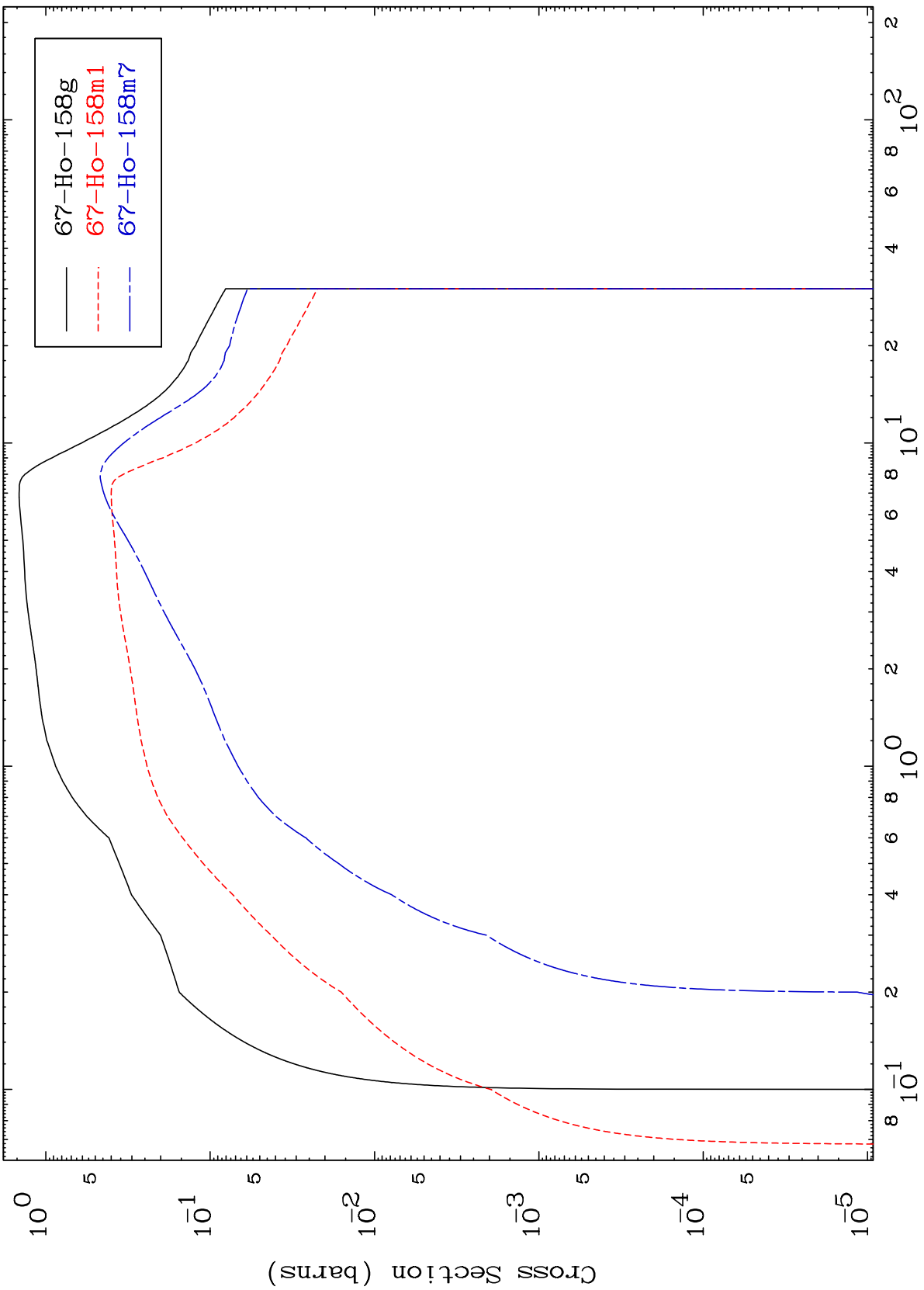
MAT 6704

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

67-Ho-158



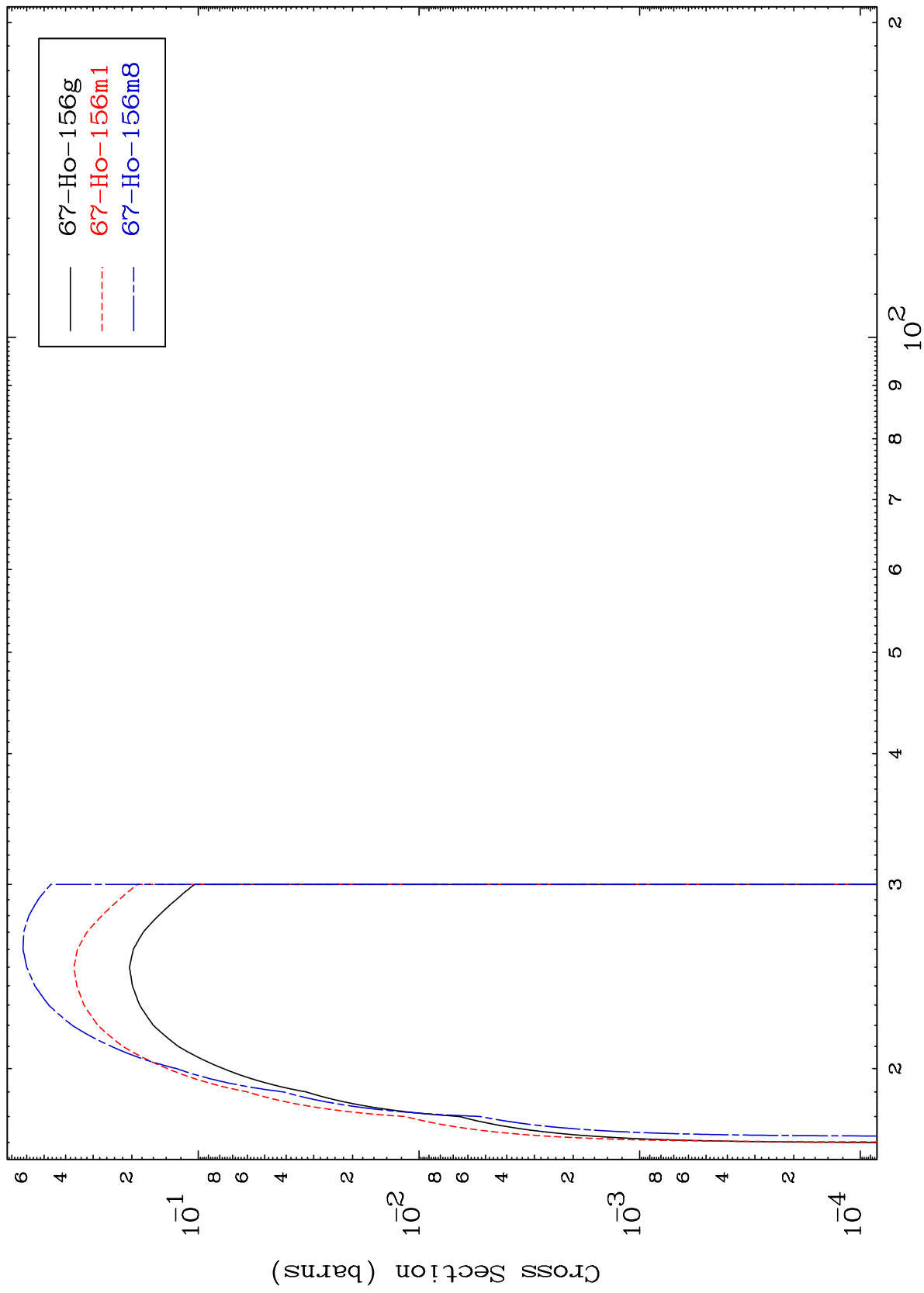
Inelastic
Radionuclide Production Cross Section



MAT 6704

67-Ho-158

(n,3n)
Radionuclide Production Cross Section



94

Incident Energy (MeV)

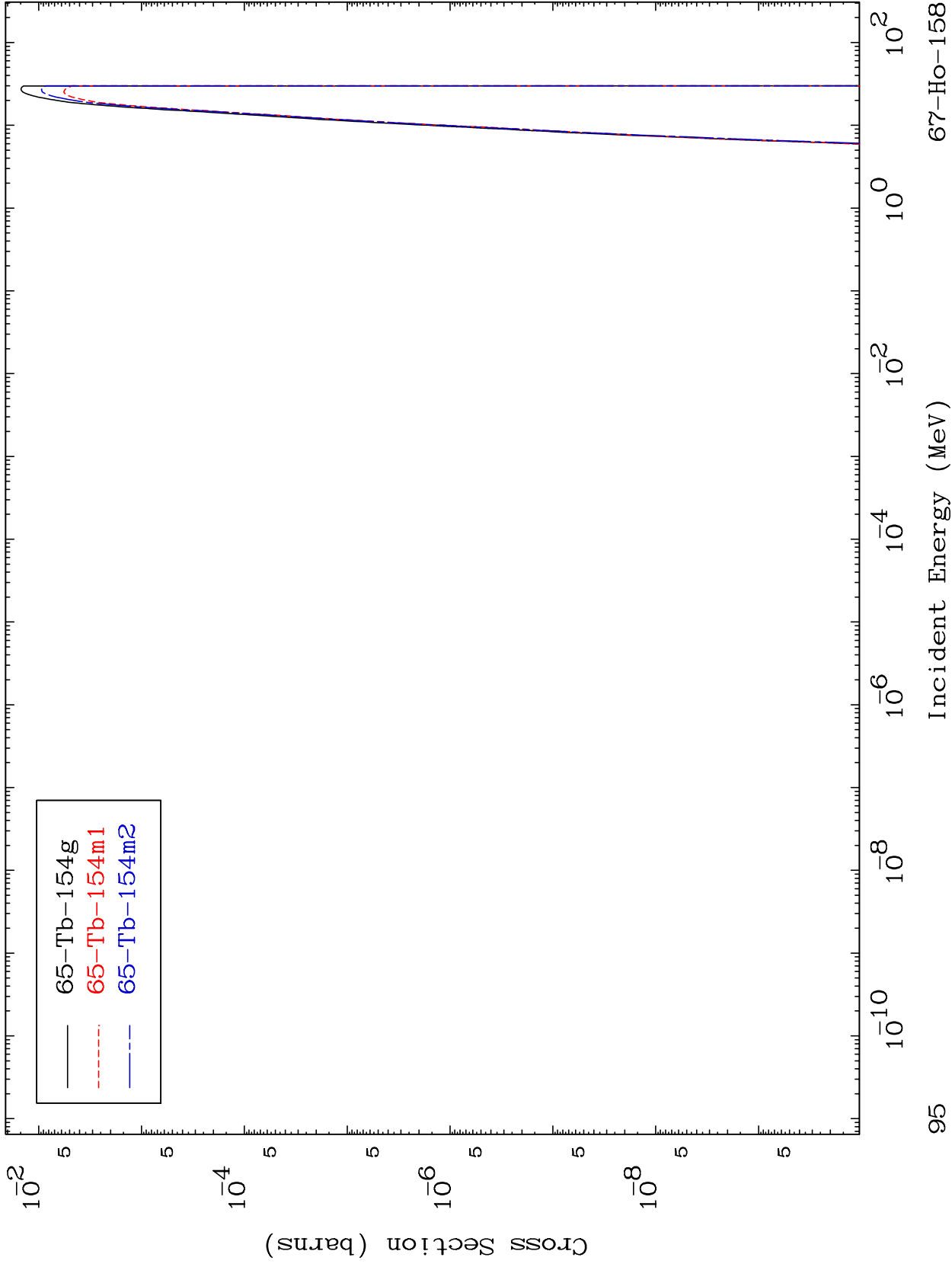
67-Ho-158

MAT 6704

$(n, n') \alpha$

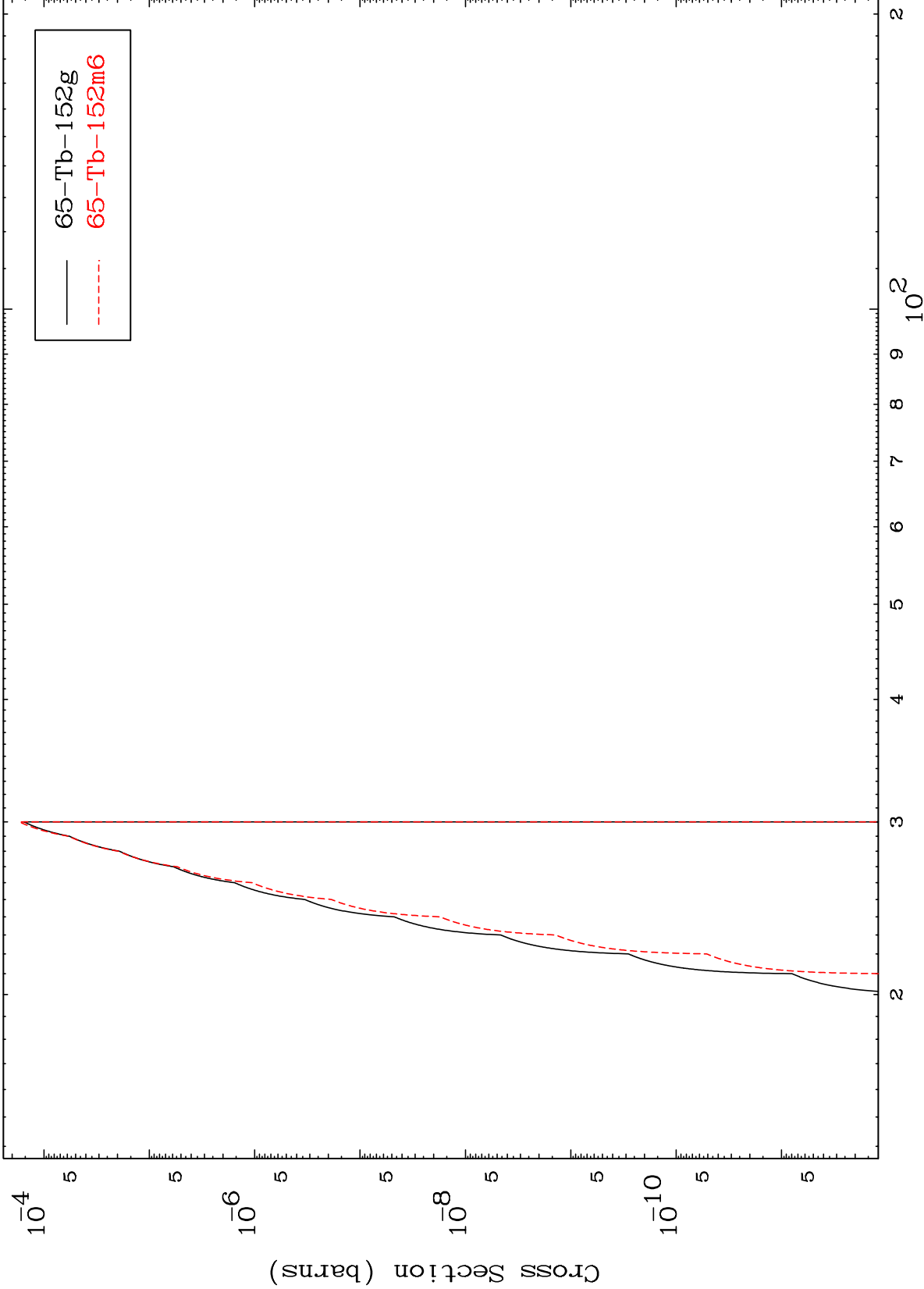
67-Ho-158

Radionuclide Production Cross Section



65-Tb-154g
65-Tb-154m1
65-Tb-154m2

Radionuclide Production Cross Section



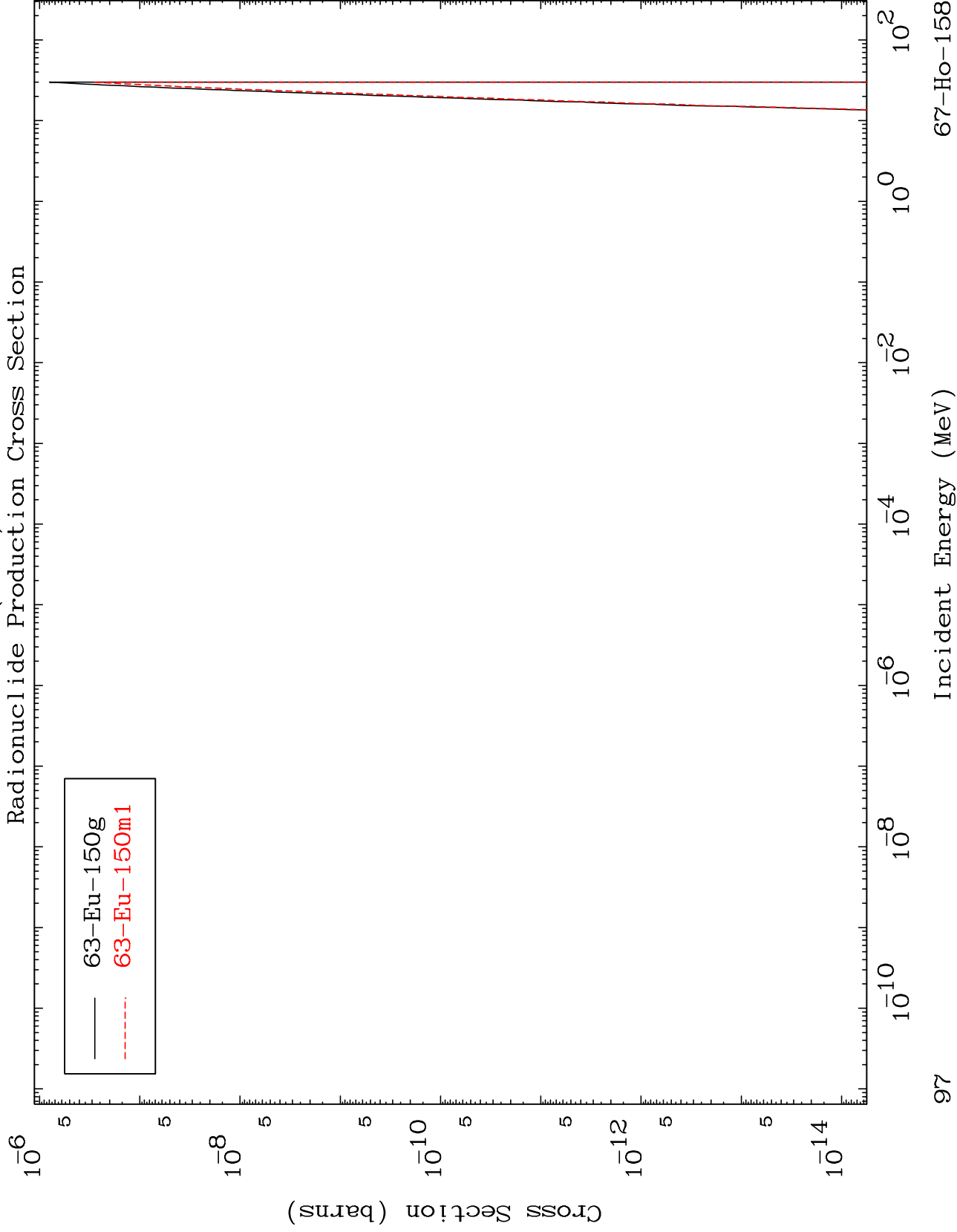
65-Tb-152g
65-Tb-152m6

MAT 6704

(n,n') 2α

67-Ho-158

Radionuclide Production Cross Section



97

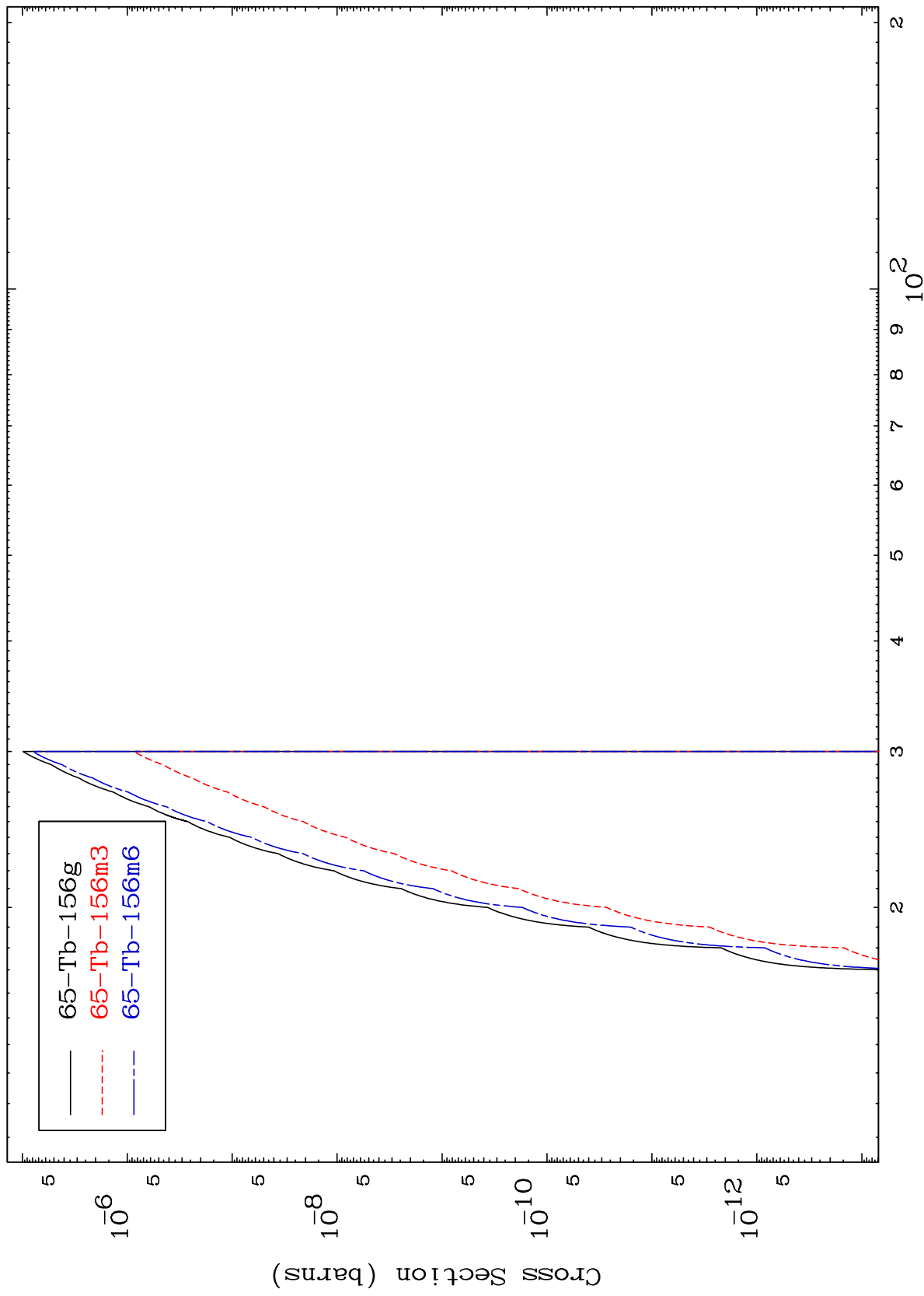
Incident Energy (MeV)

67-Ho-158

MAT 6704

67-Ho-158

(n,2n) p
Radionuclide Production Cross Section



67-Ho-158

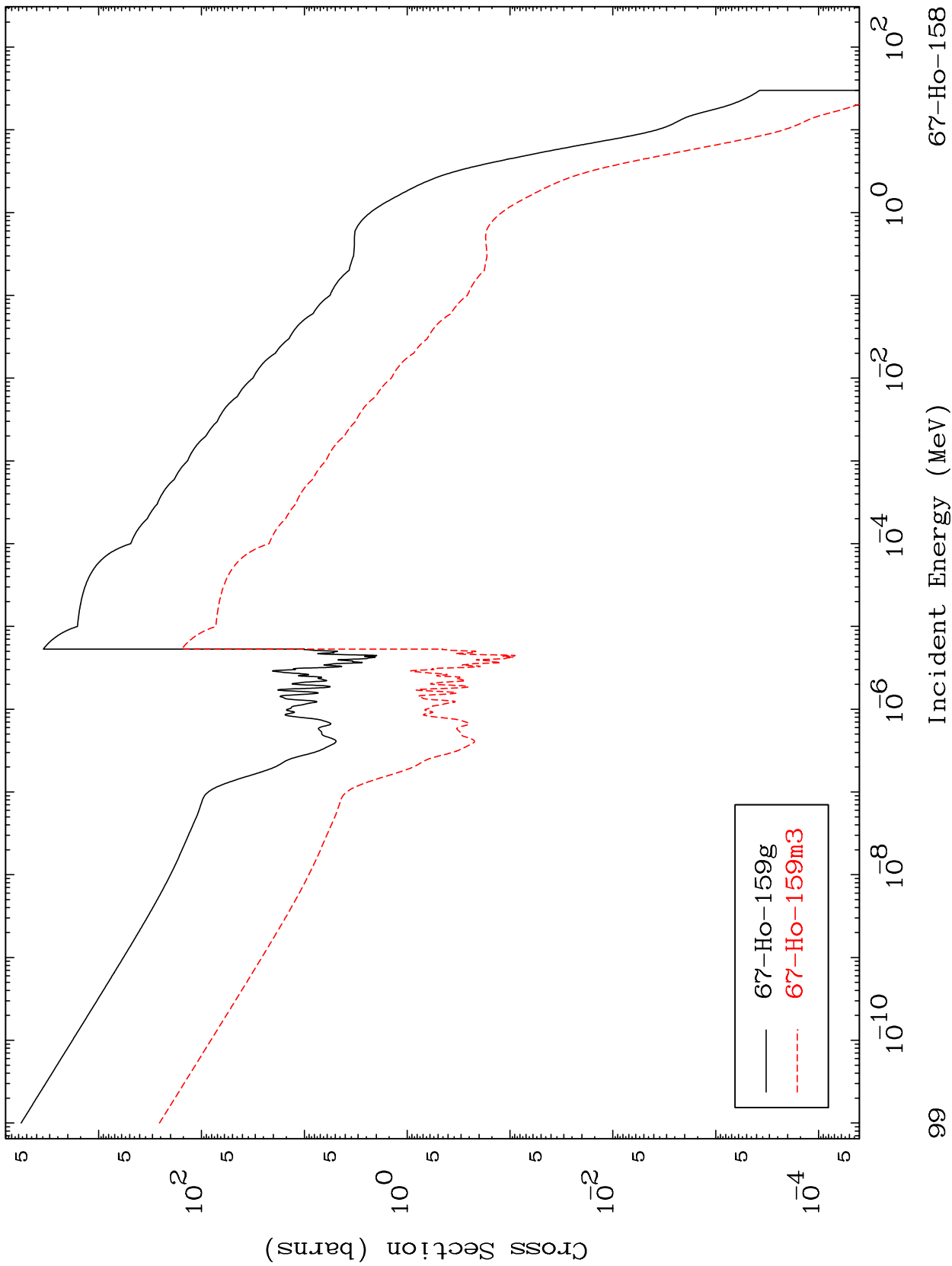
Incident Energy (MeV)

98

MAT 6704

67-Ho-158

Radionuclide Production Cross Section
(n, γ)

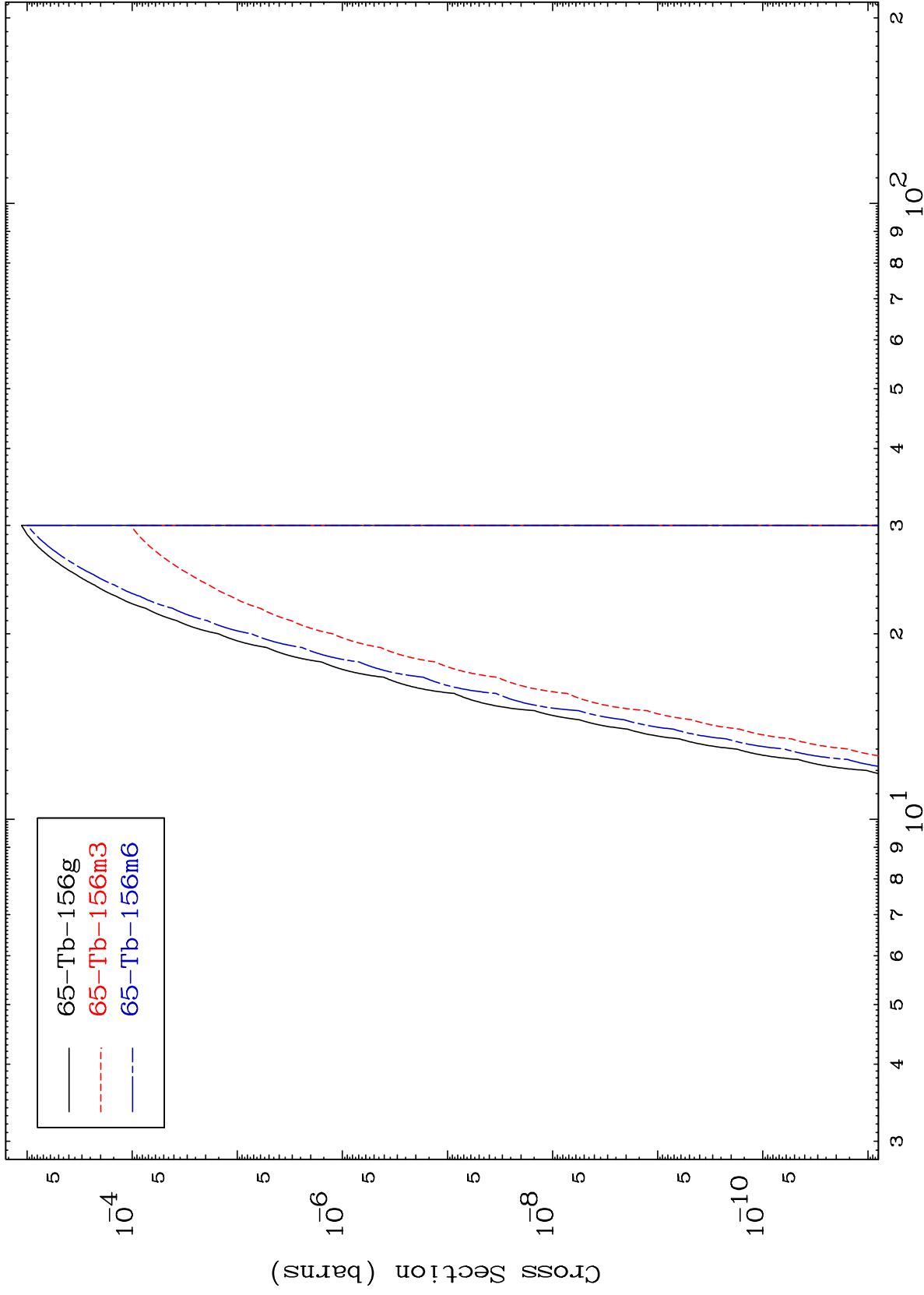


MAT 6704

(n,He-3)

67-Ho-158

Radionuclide Production Cross Section



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

100

Incident Energy (MeV)

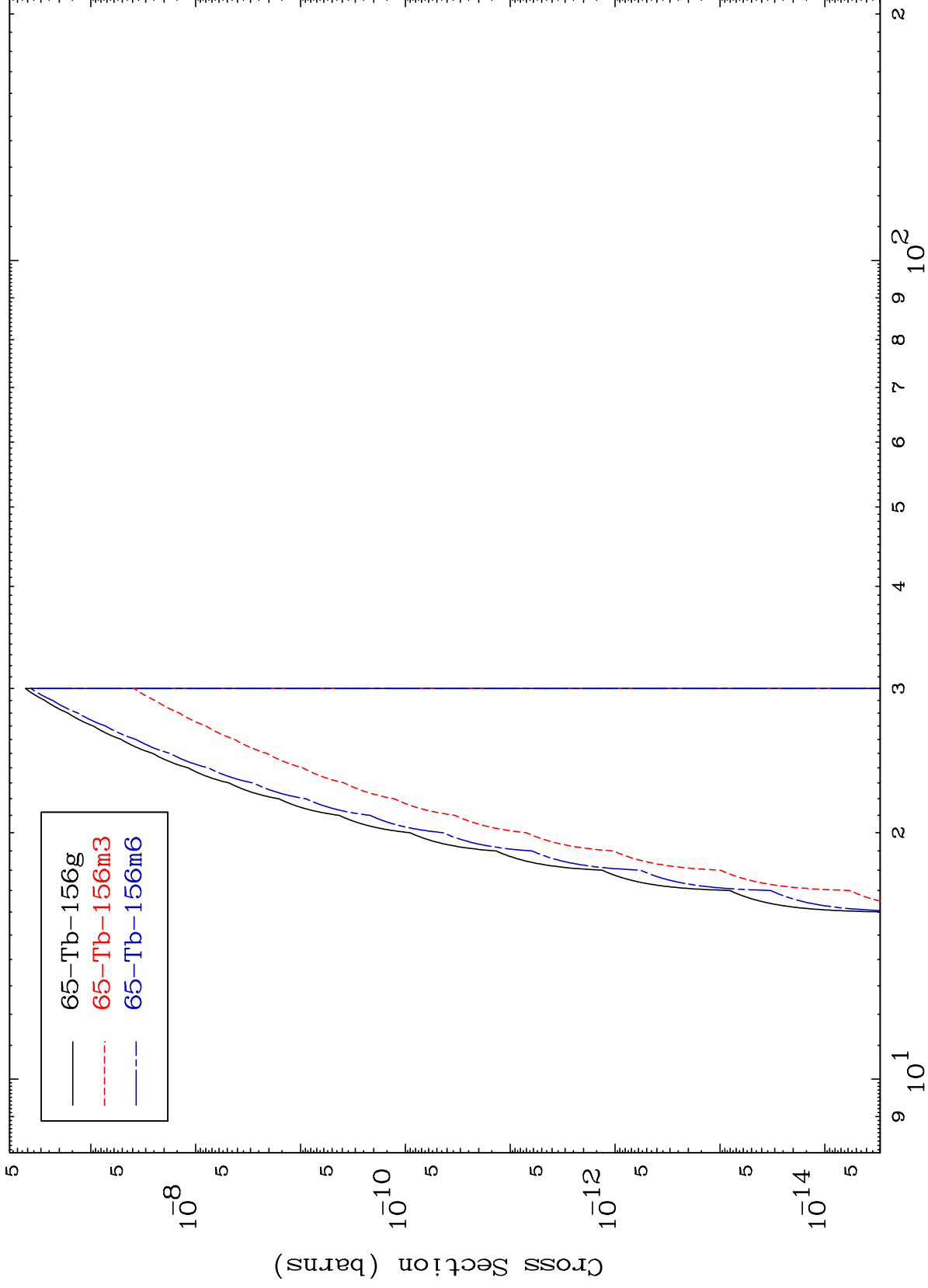
67-Ho-158

MAT 6704

(n,p) d

67-Ho-158

Radionuclide Production Cross Section



101

Incident Energy (MeV)

67-Ho-158