

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

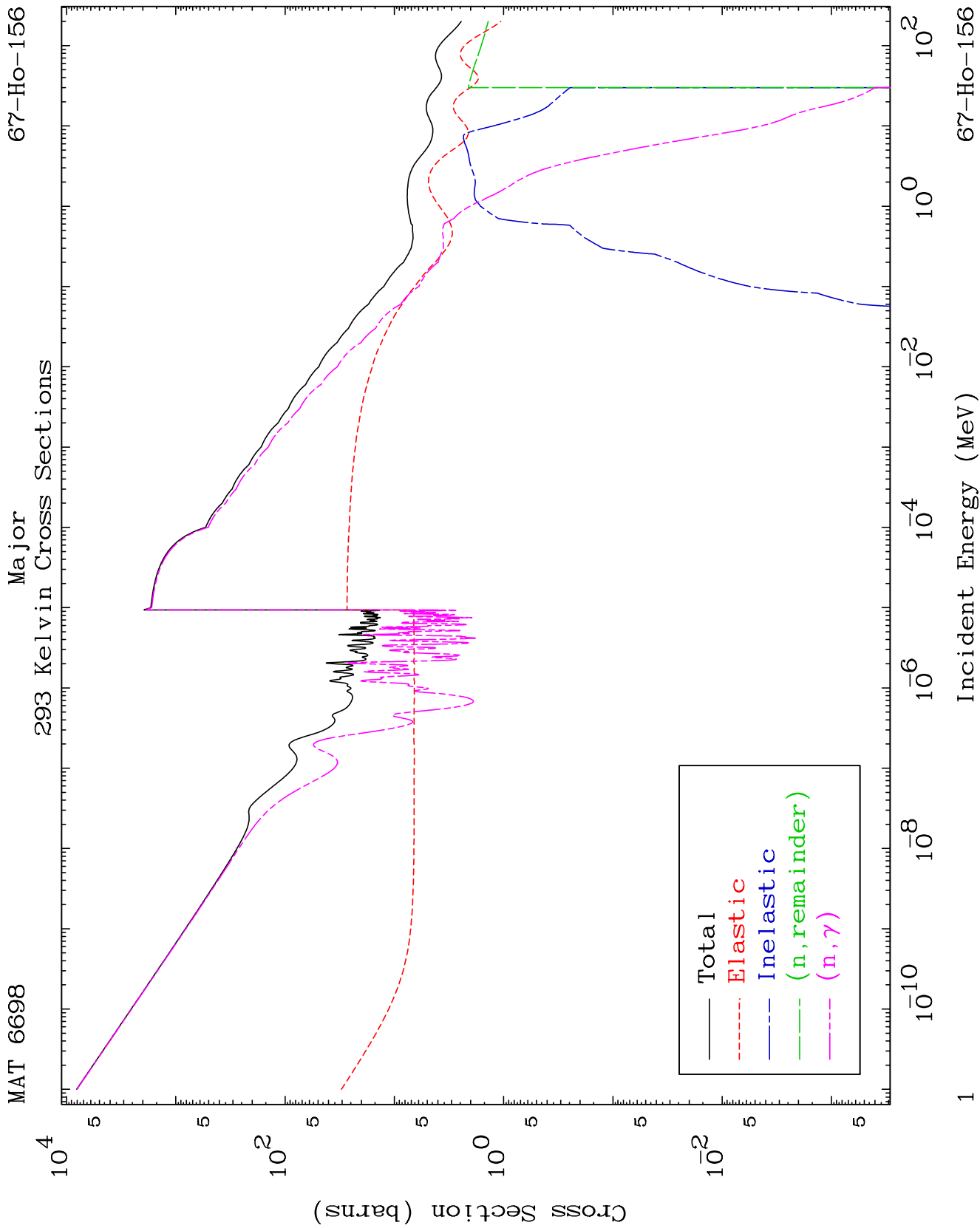
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Web:redcullen1.net/HOMEPAGE.NEW

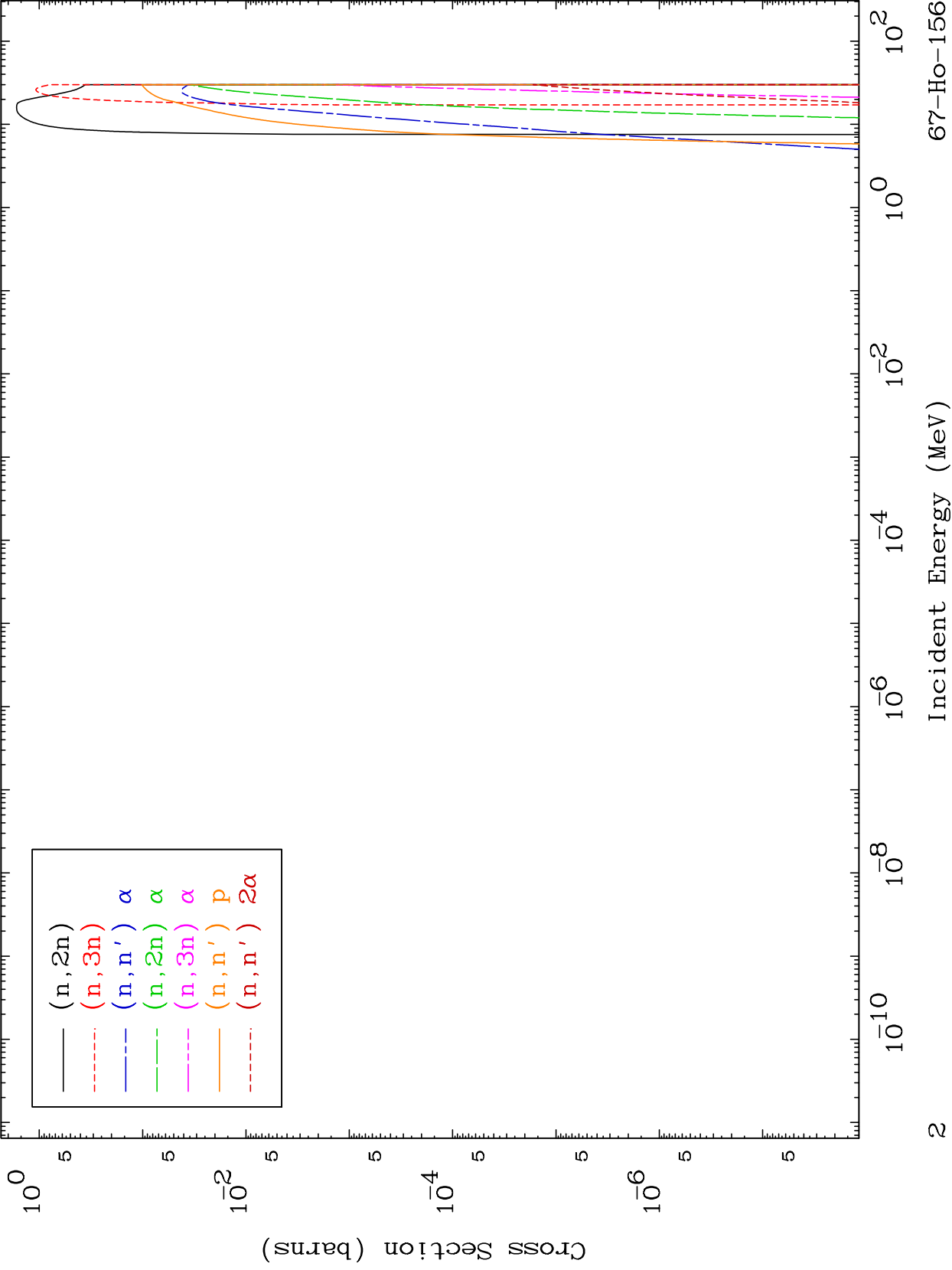
Press Mouse Button to Start



MAT 6698

Neutron Production
293 Kelvin Cross Sections

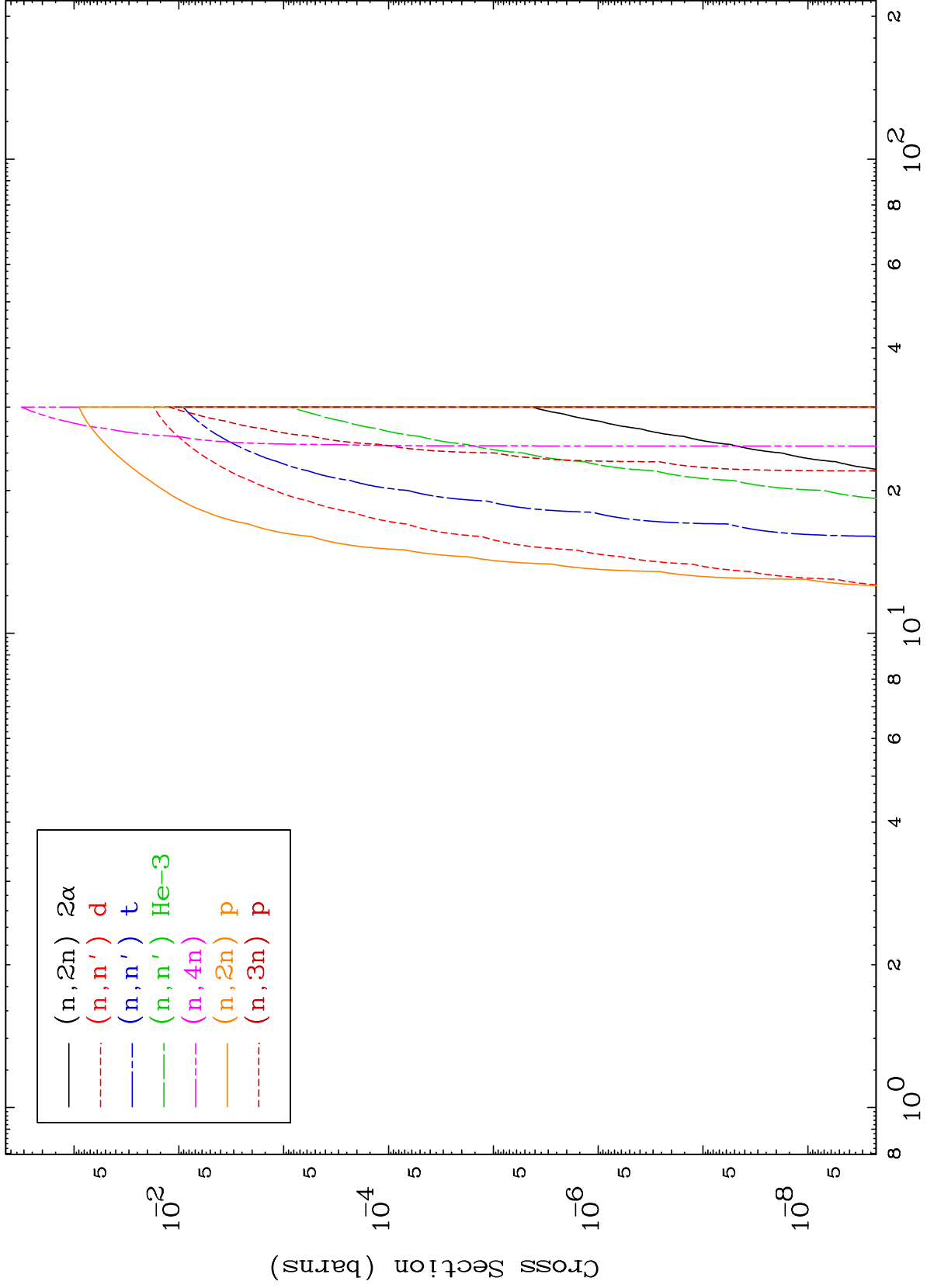
67-Ho-156



MAT 6698

Neutron Production
293 Kelvin Cross Sections

67-Ho-156



67-Ho-156

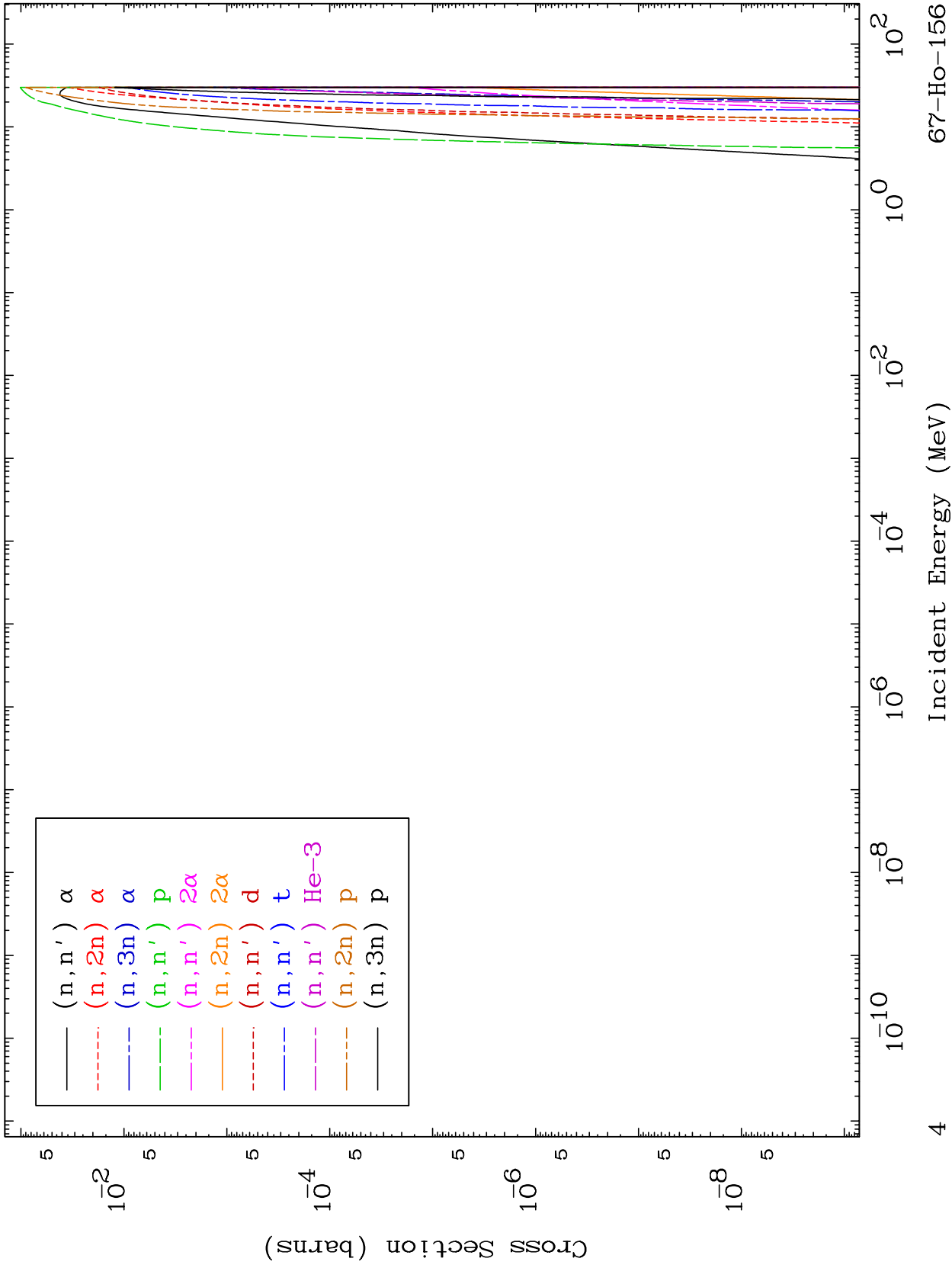
Incident Energy (MeV)

3

MAT 6698

Charged Particle
293 Kelvin Cross Sections

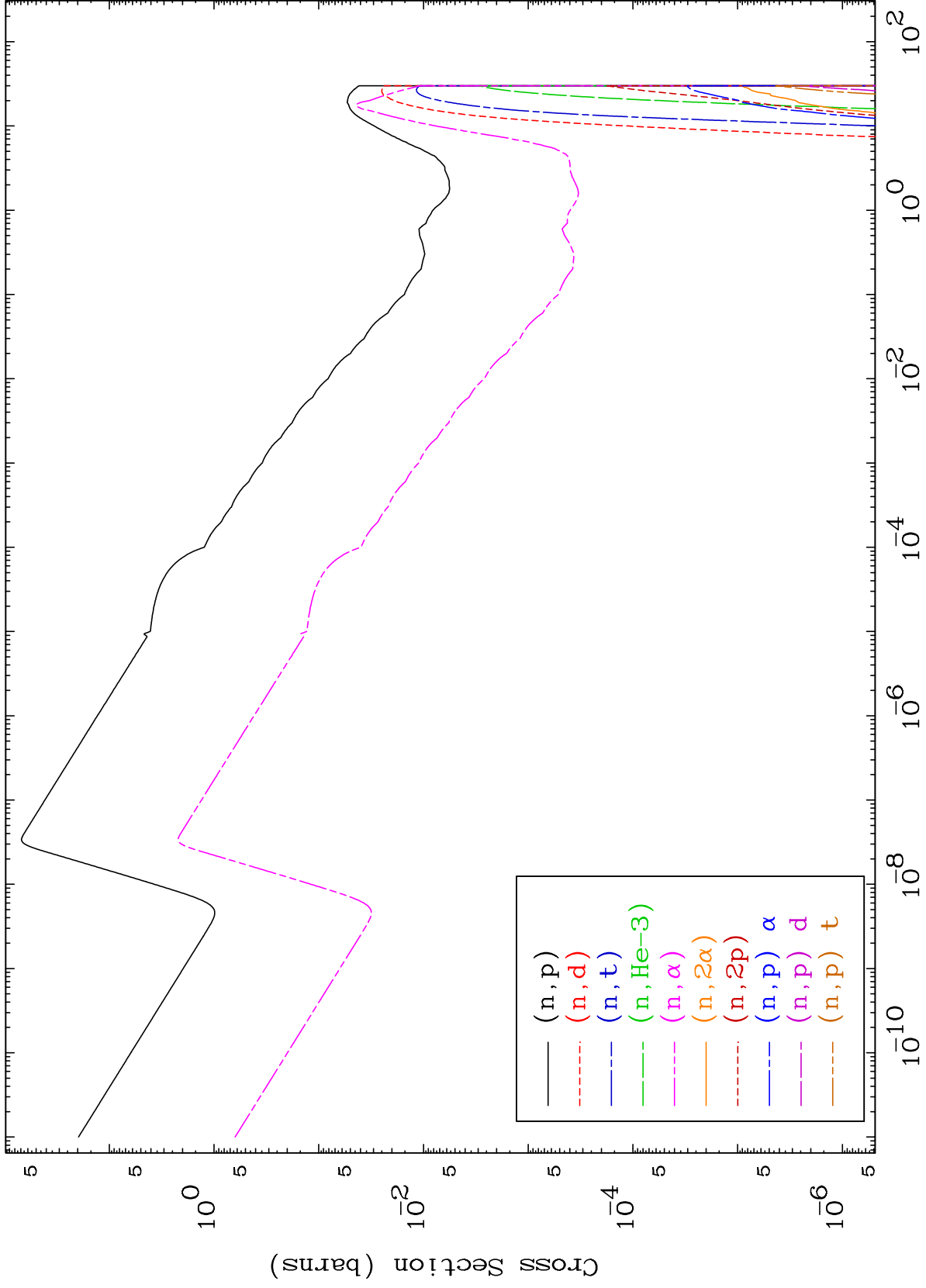
67-Ho-156



MAT 6698

Charged Particle
293 Kelvin Cross Sections

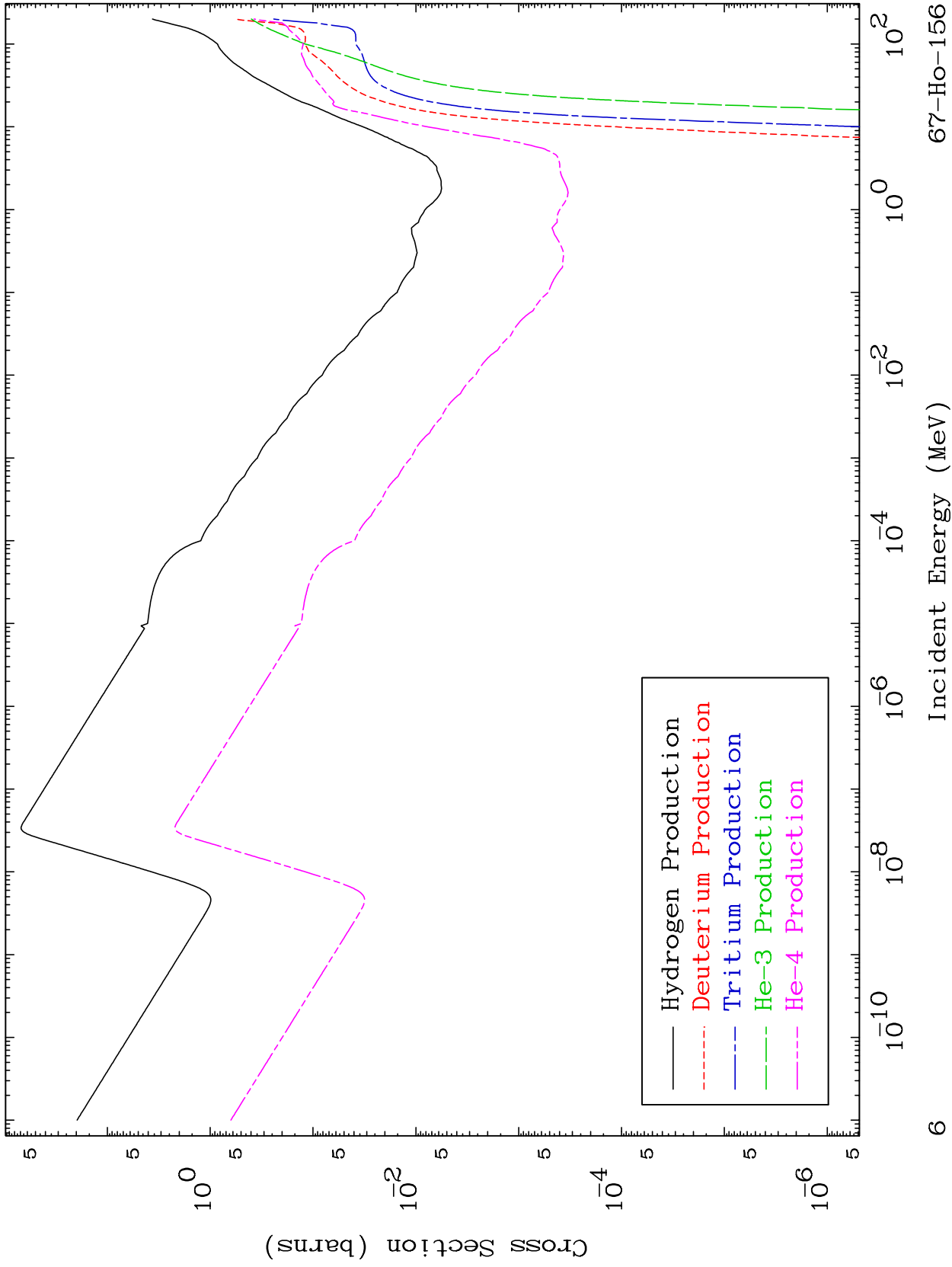
67-Ho-156



MAT 6698

Particle Production
293 Kelvin Cross Sections

67-Ho-156

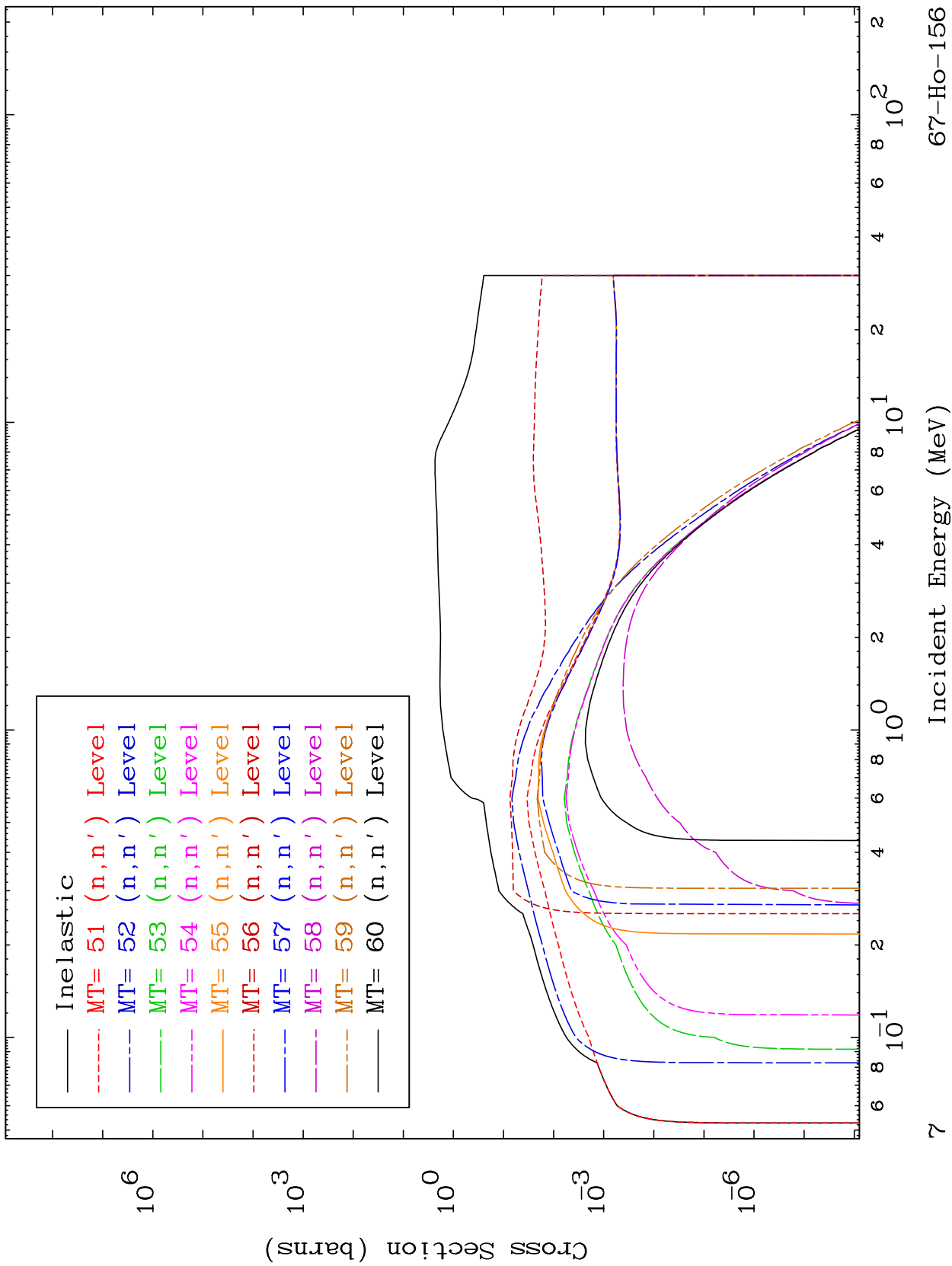


MAT 6698

(n,n') Level

67-Ho-156

293 Kelvin Cross Sections

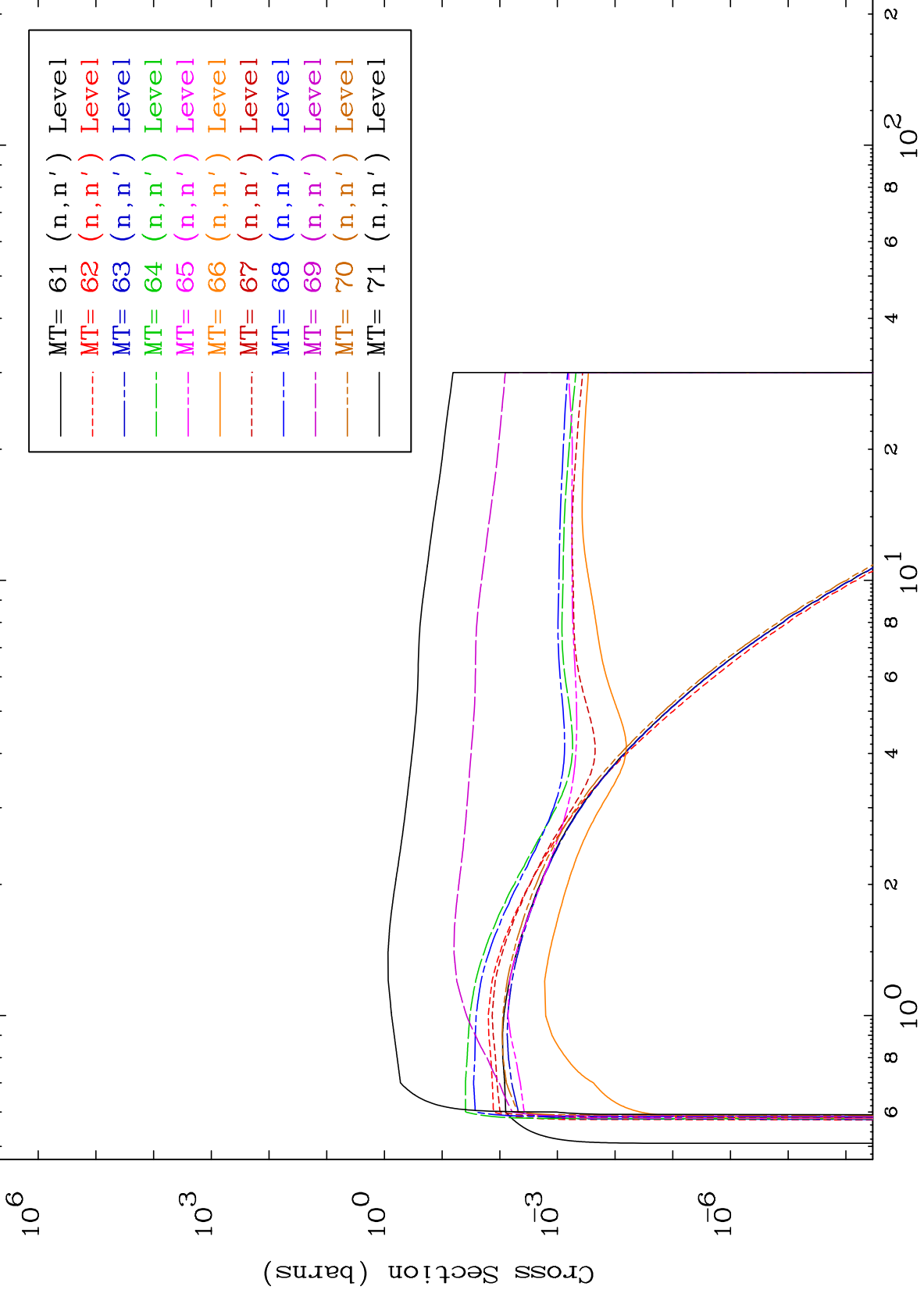


MAT 6698

(n,n') Level

67-Ho-156

293 Kelvin Cross Sections

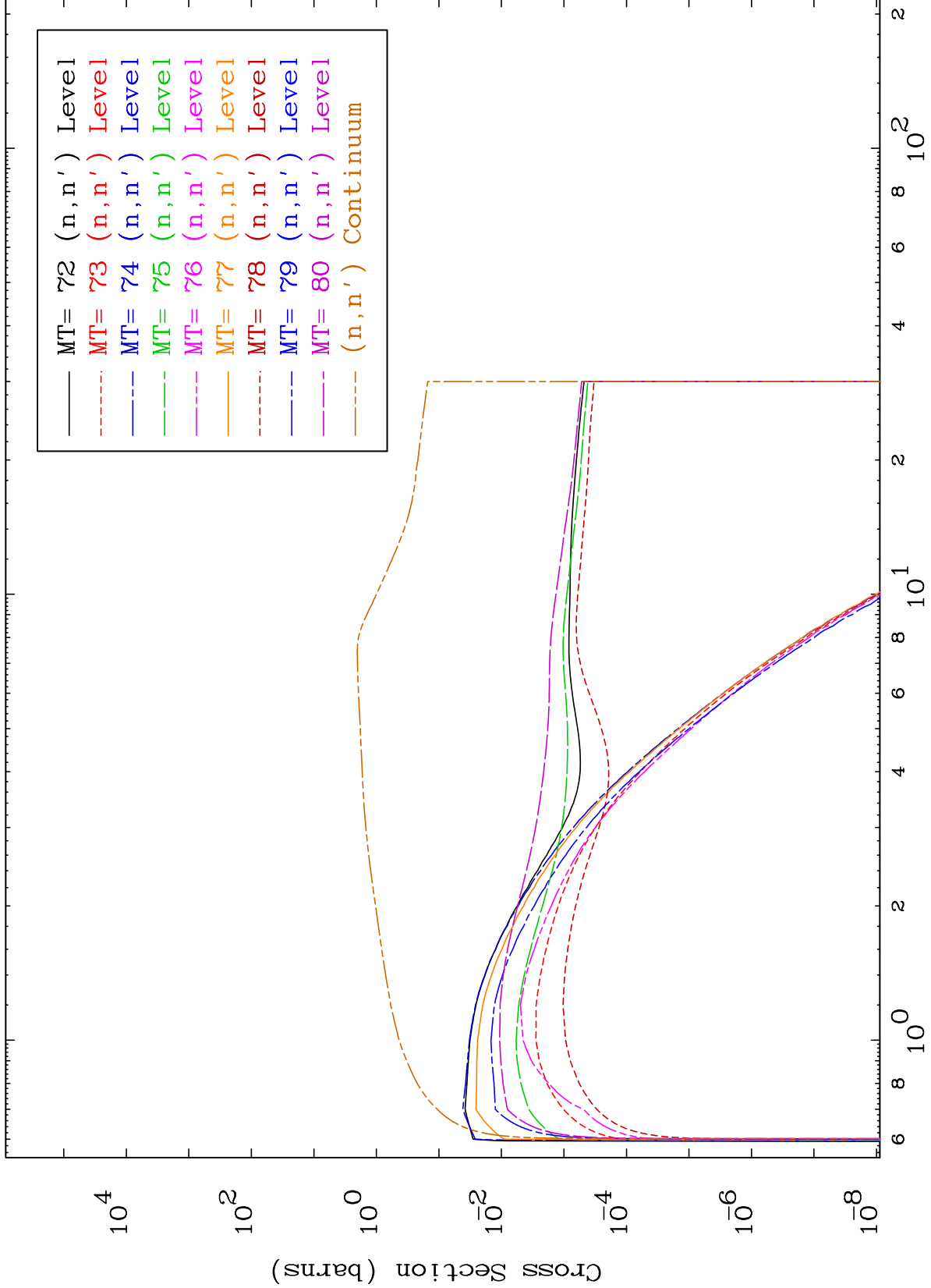


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Incident Energy (MeV)

67-Ho-156

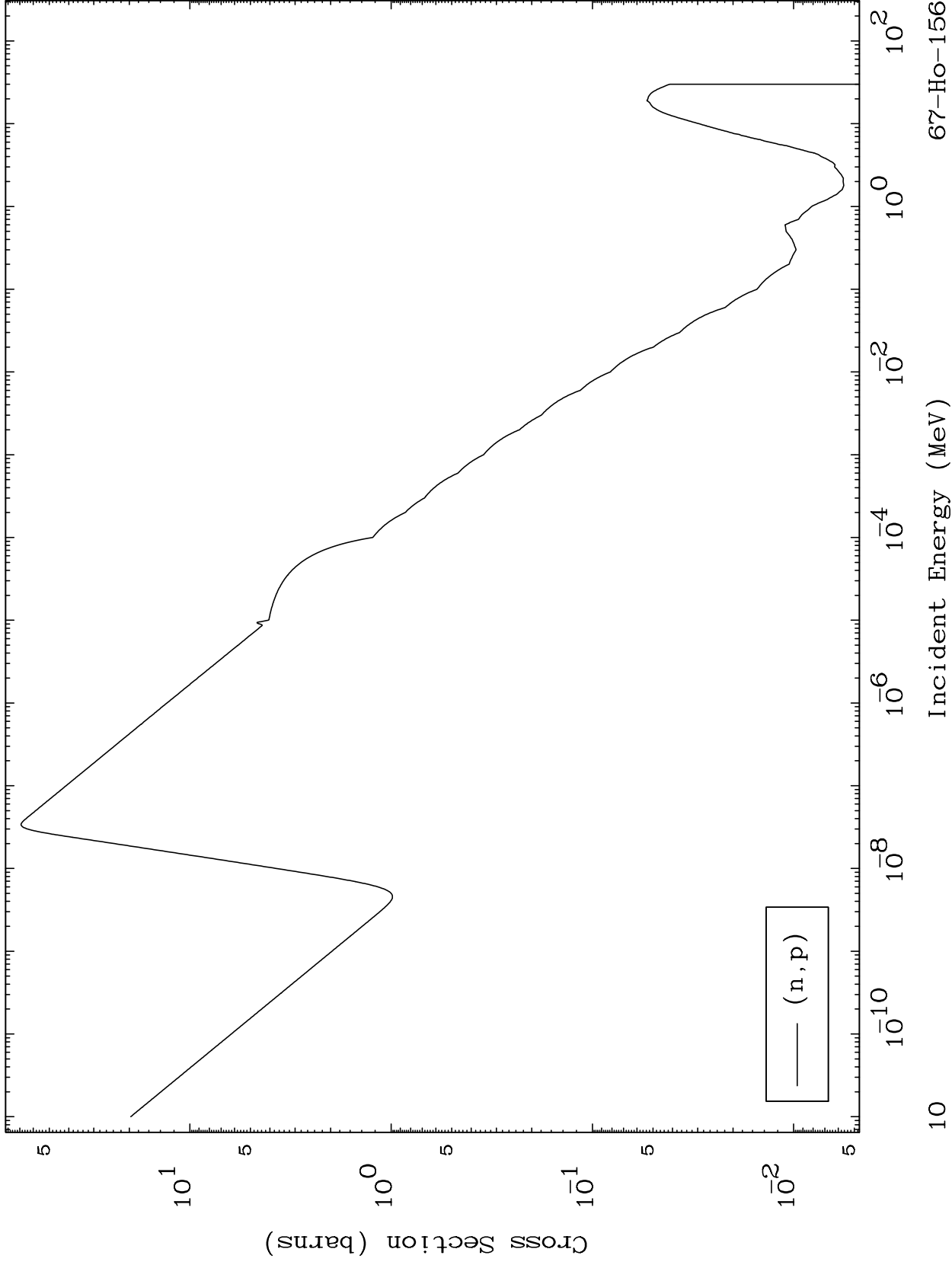
293 Kelvin Cross Sections



MAT 6698

(n,p) Levels
293 Kelvin Cross Sections

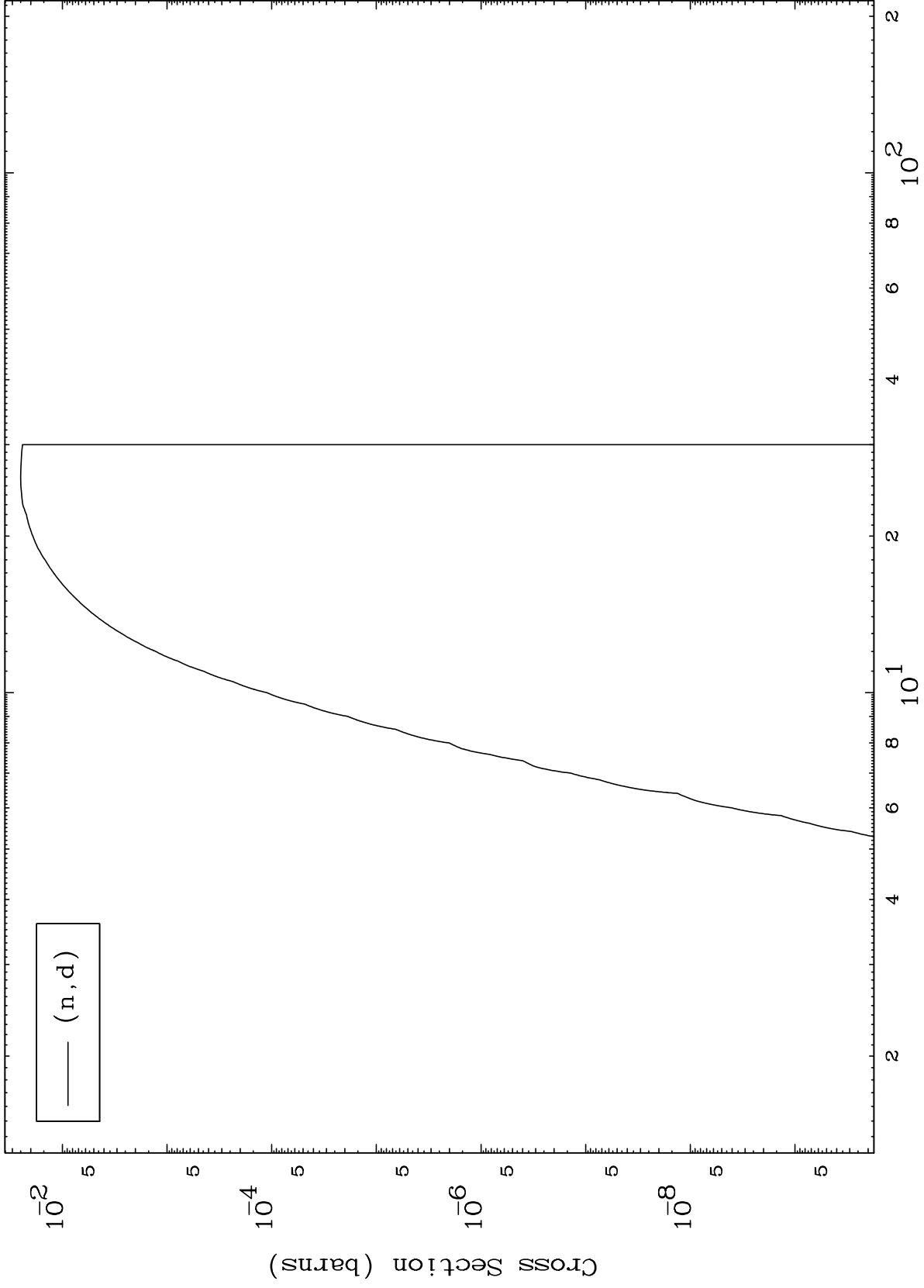
67-Ho-156



MAT 6698

(n,d) Levels
293 Kelvin Cross Sections

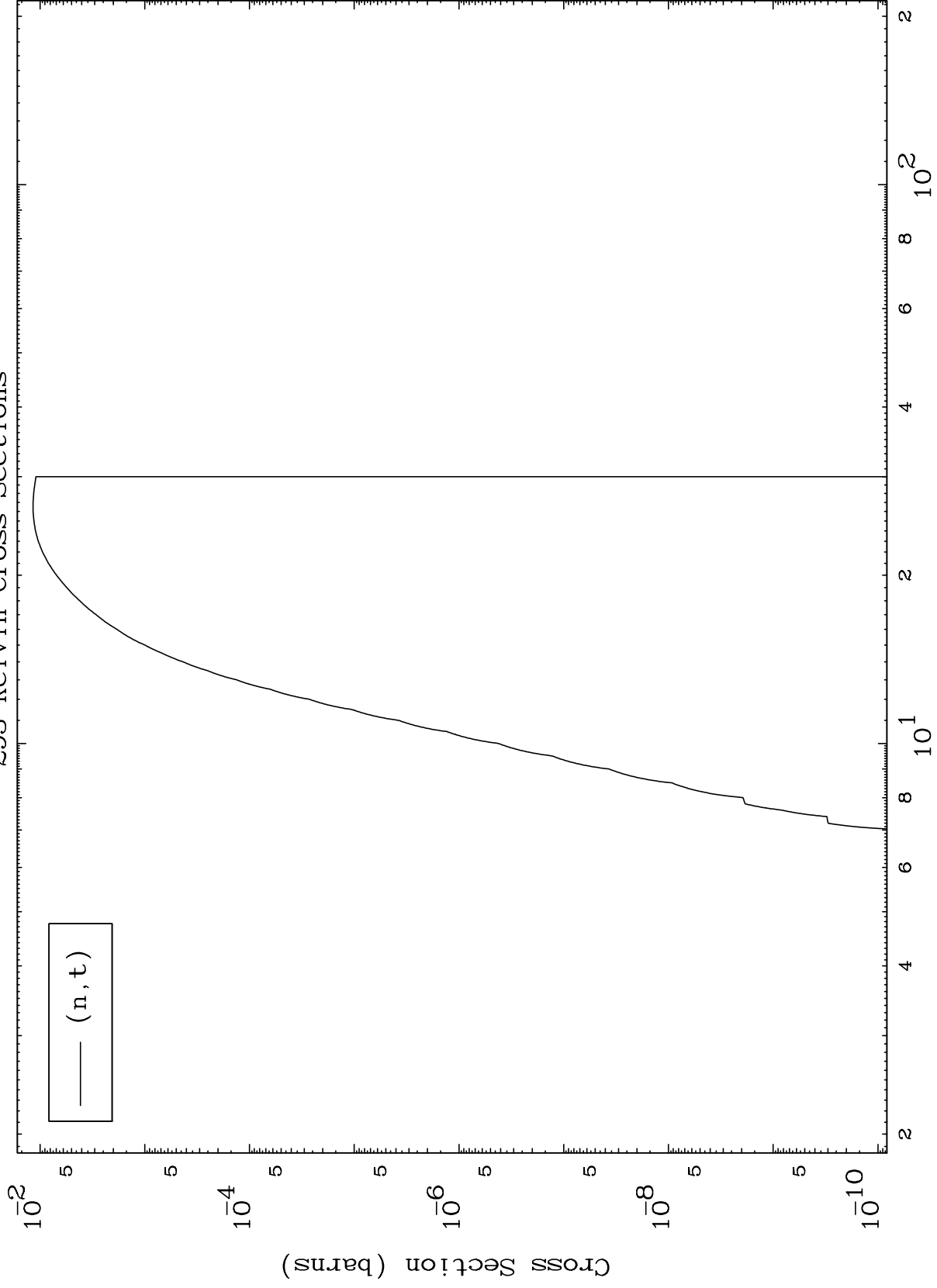
67-Ho-156



MAT 6698

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-156



12

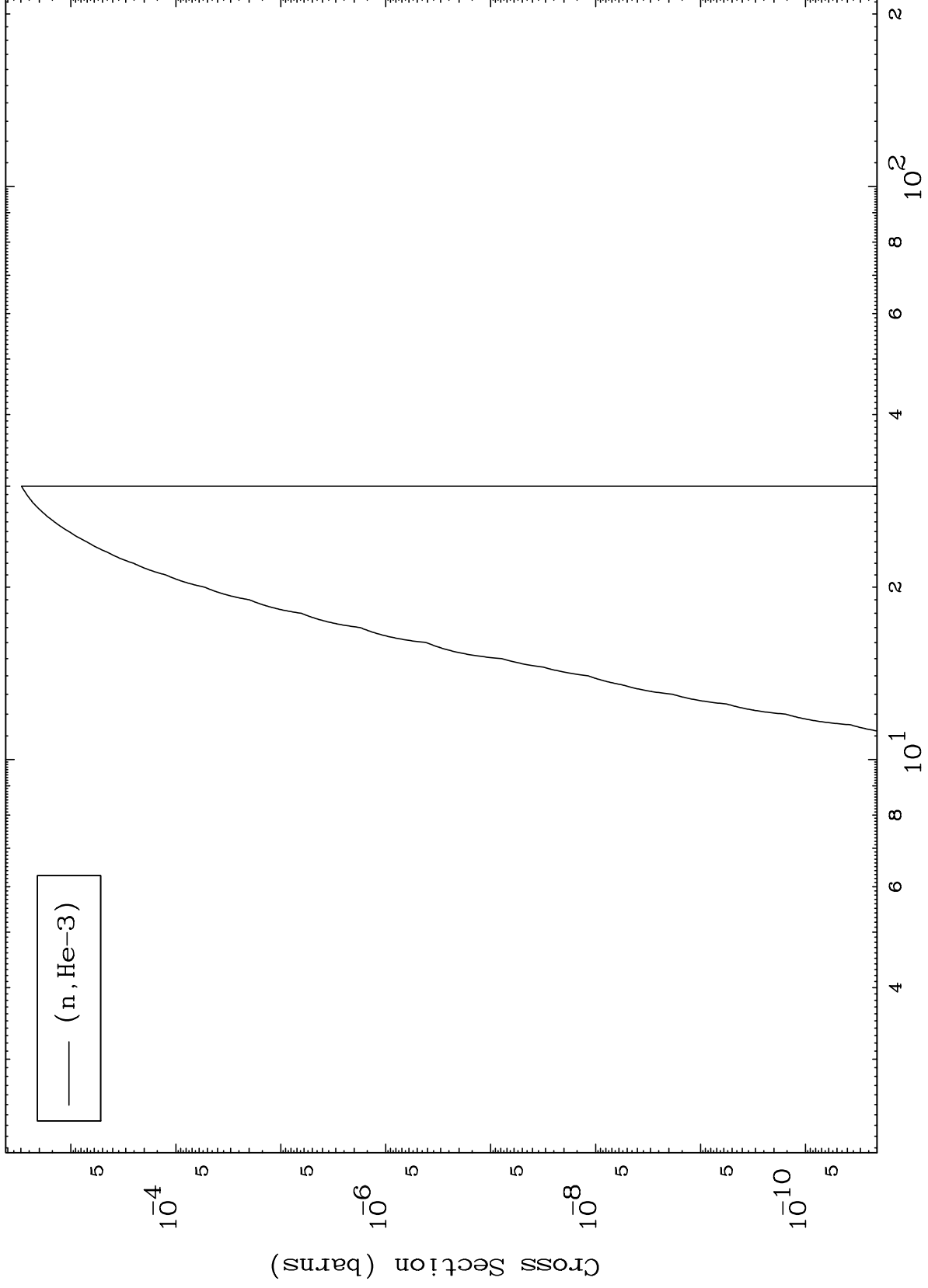
Incident Energy (MeV)

67-Ho-156

MAT 6698

(n,He3) Levels
293 Kelvin Cross Sections

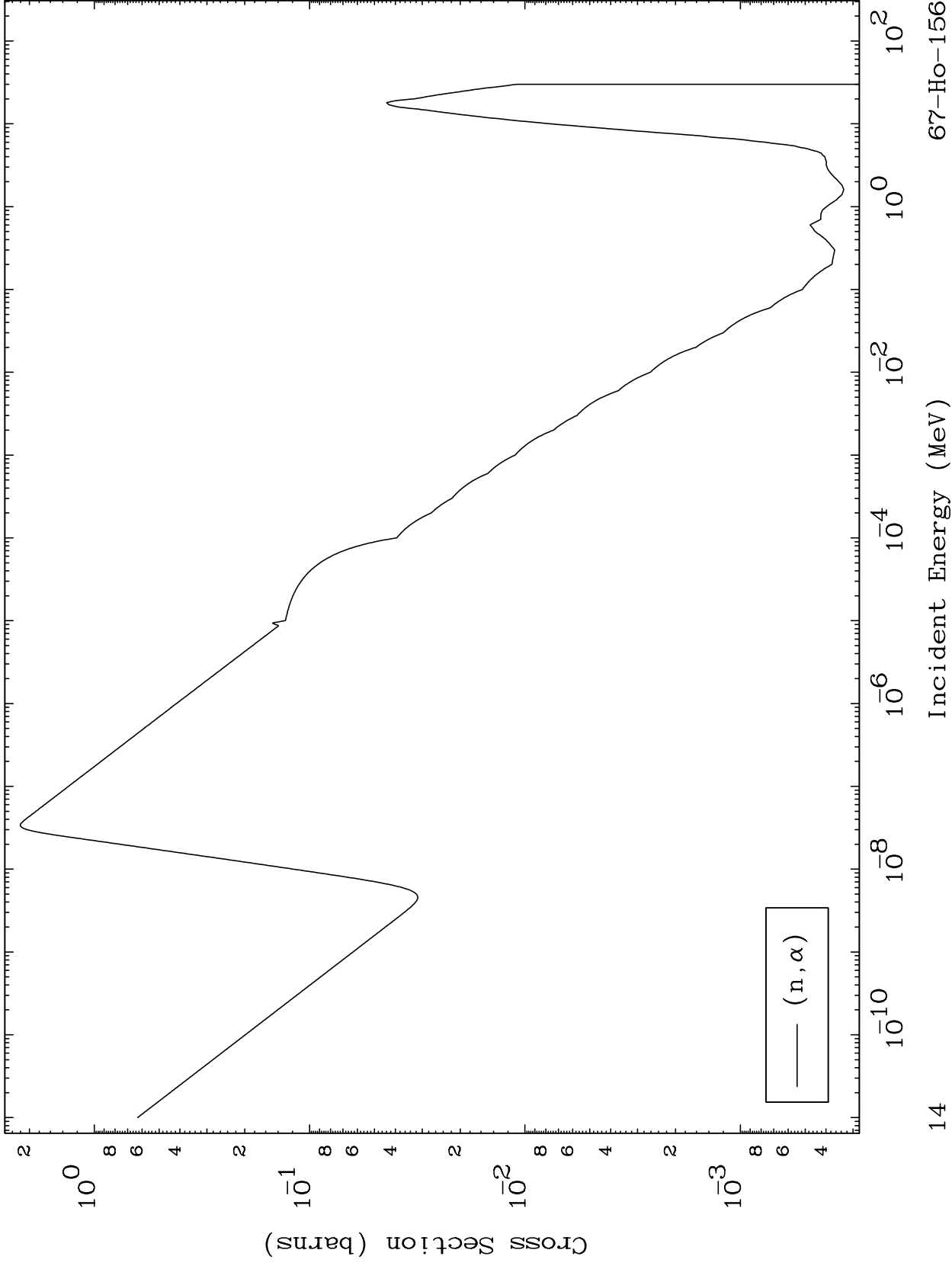
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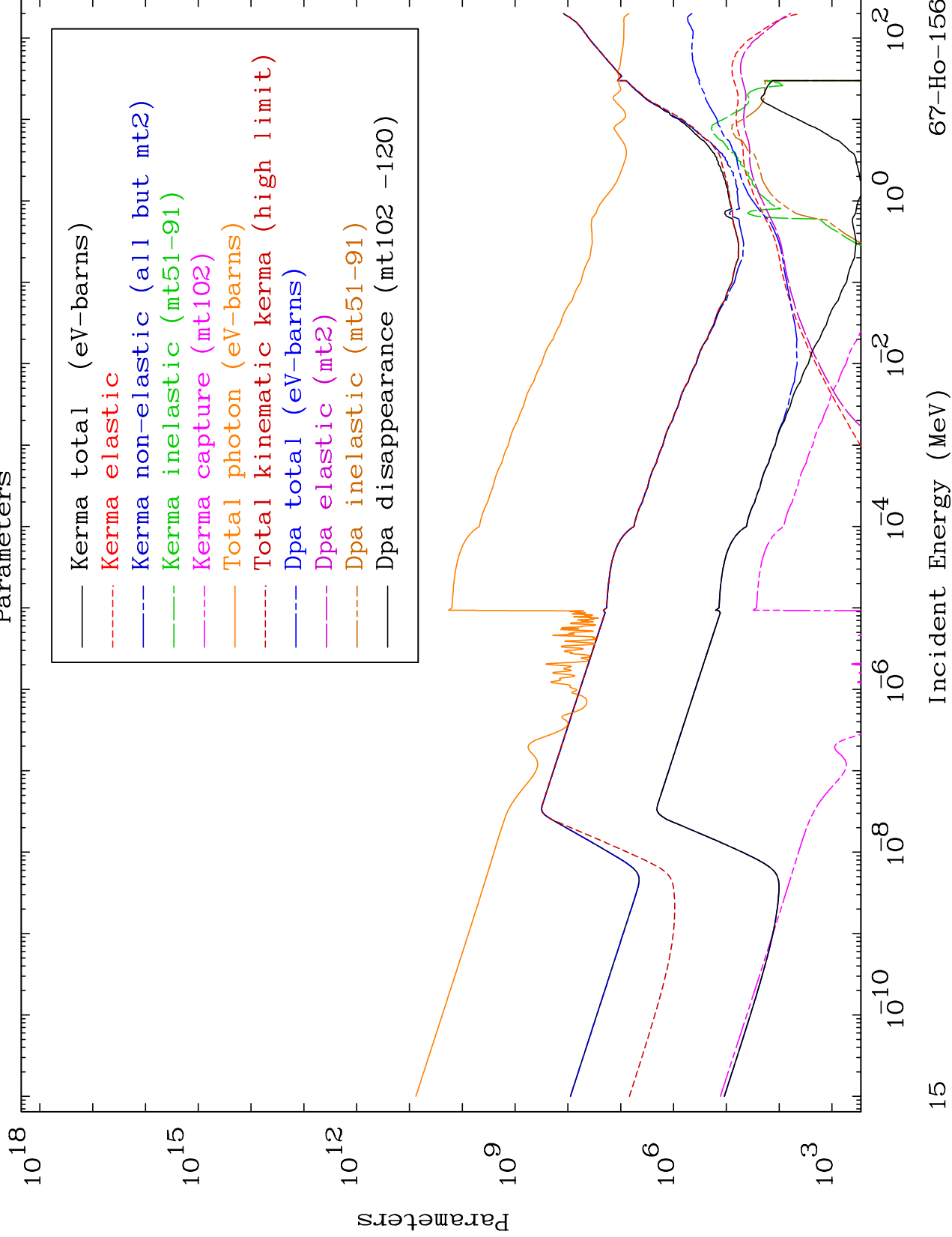


MAT 6698

(n,α) Levels
293 Kelvin Cross Sections

67-Ho-156

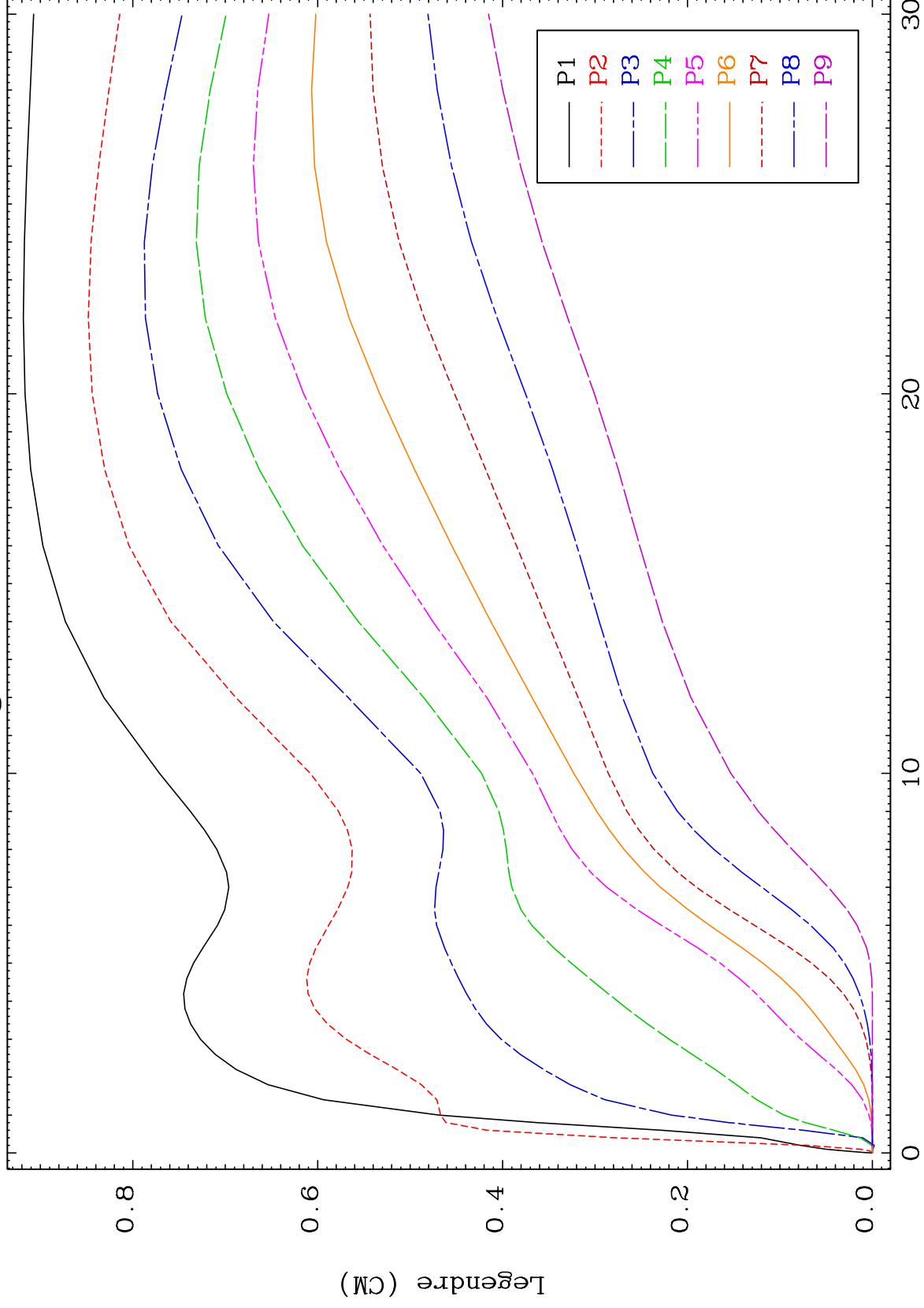




MAT 6698

Elastic Legendre Coefficients

67-Ho-156



16

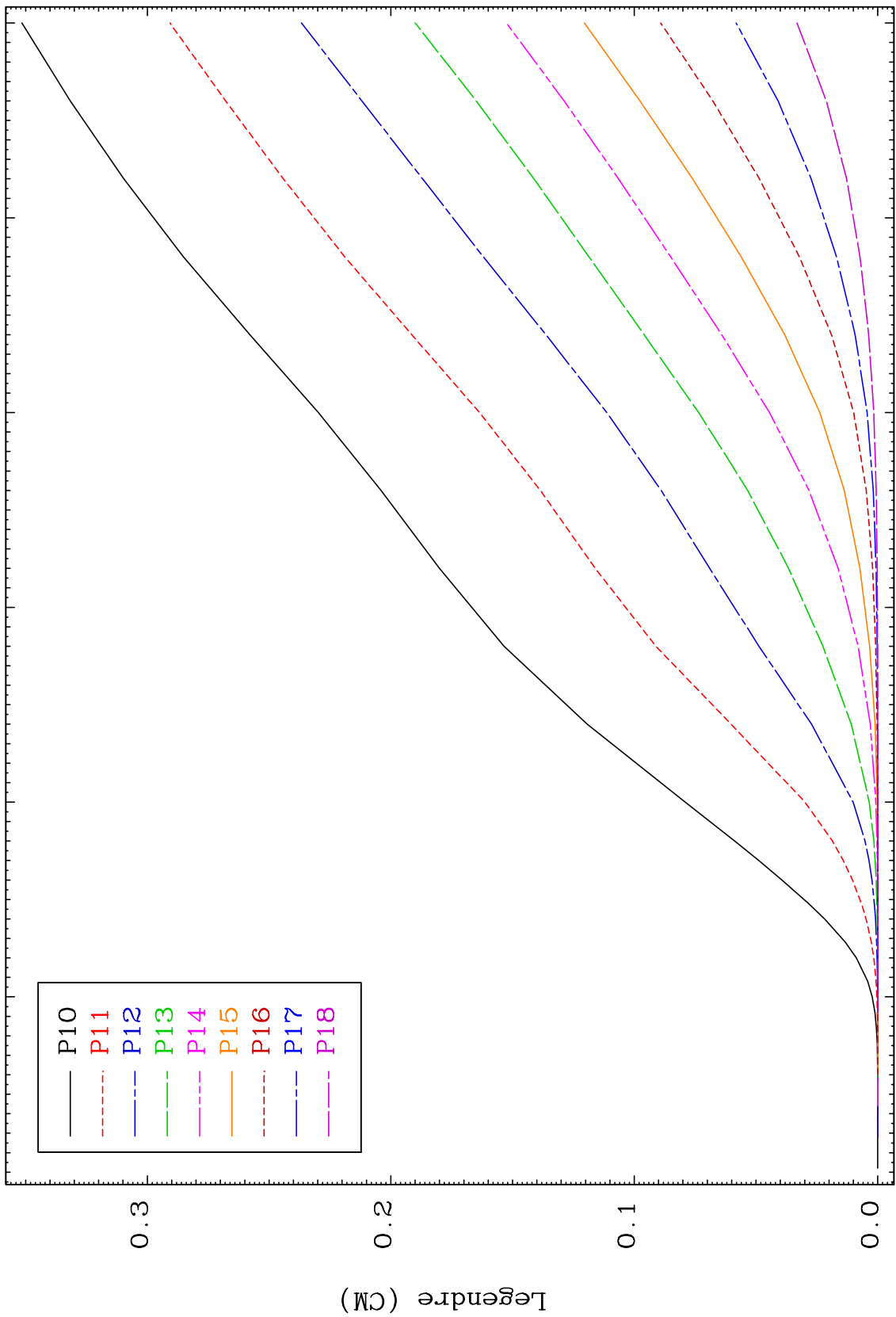
Incident Energy (MeV)

67-Ho-156

MAT 6698

Elastic Legendre Coefficients

67-Ho-156



17

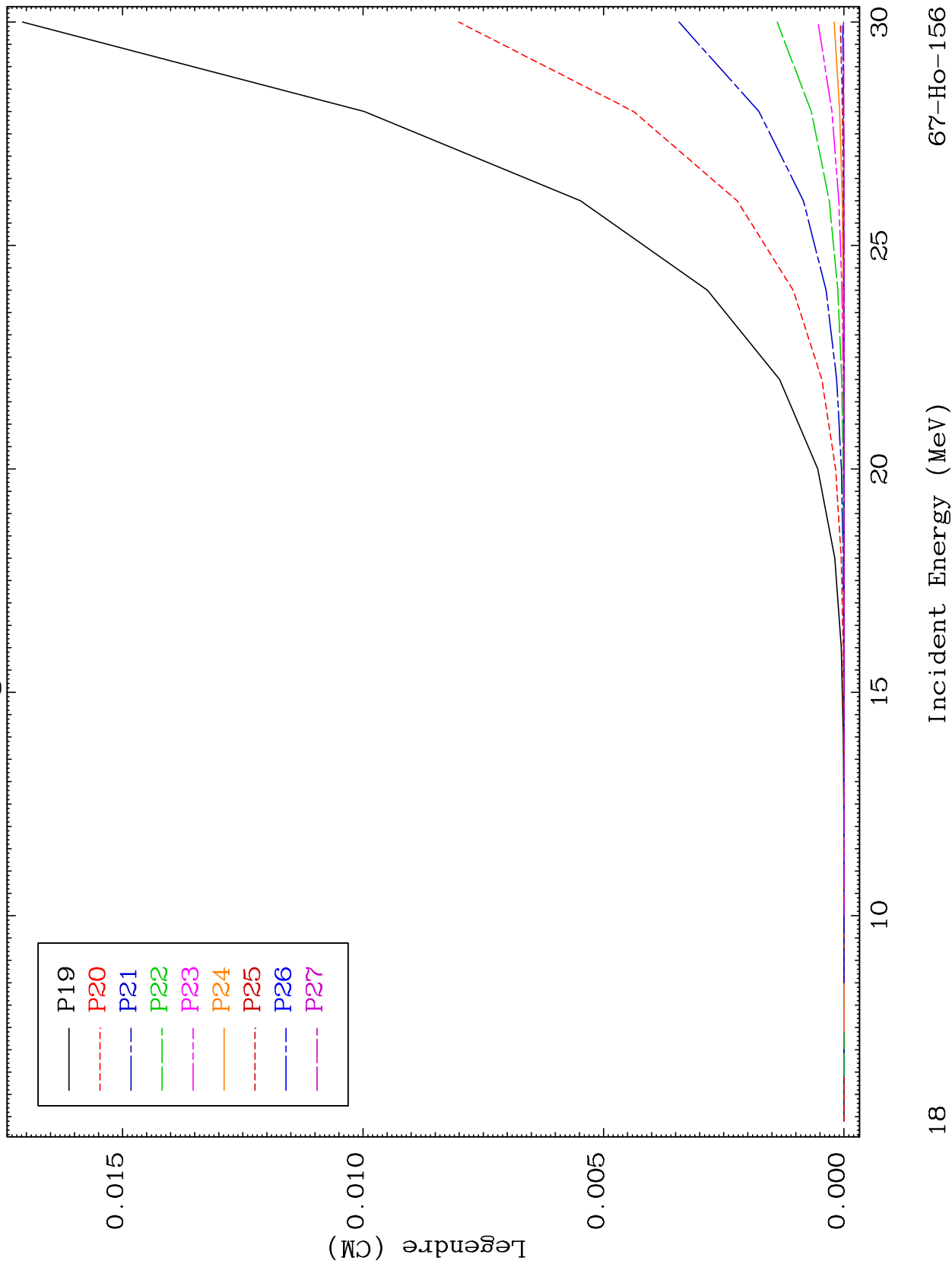
67-Ho-156

Incident Energy (MeV)

MAT 6698

Elastic Legendre Coefficients

67-Ho-156



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Incident Energy (MeV)

67-Ho-156

30

25

20

15

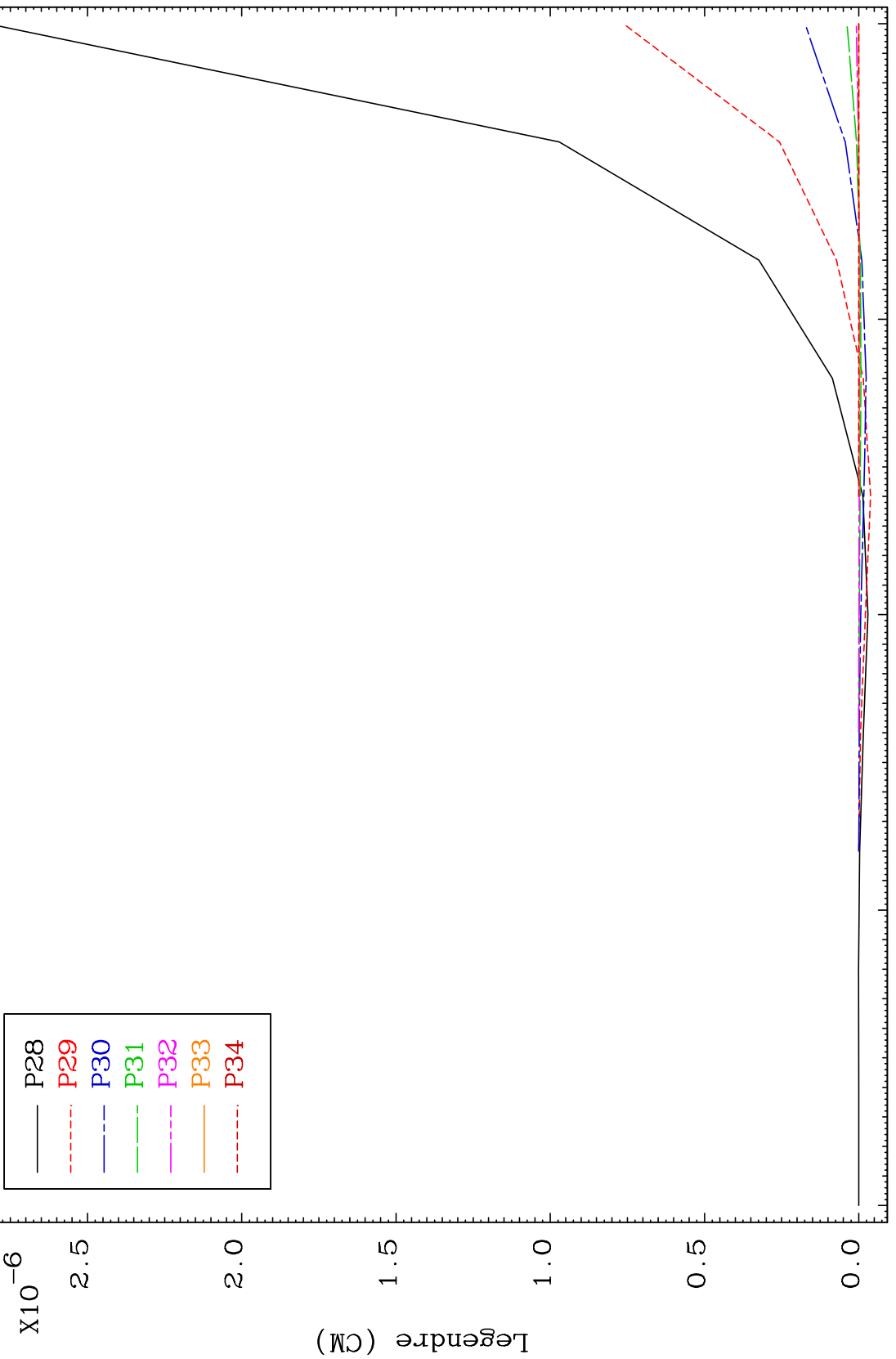
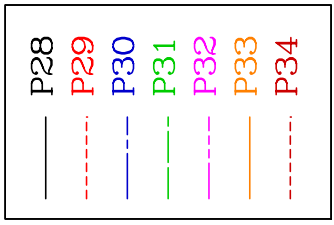
10

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

MAT 6698

Elastic Legendre Coefficients

67-Ho-156



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Incident Energy (MeV)

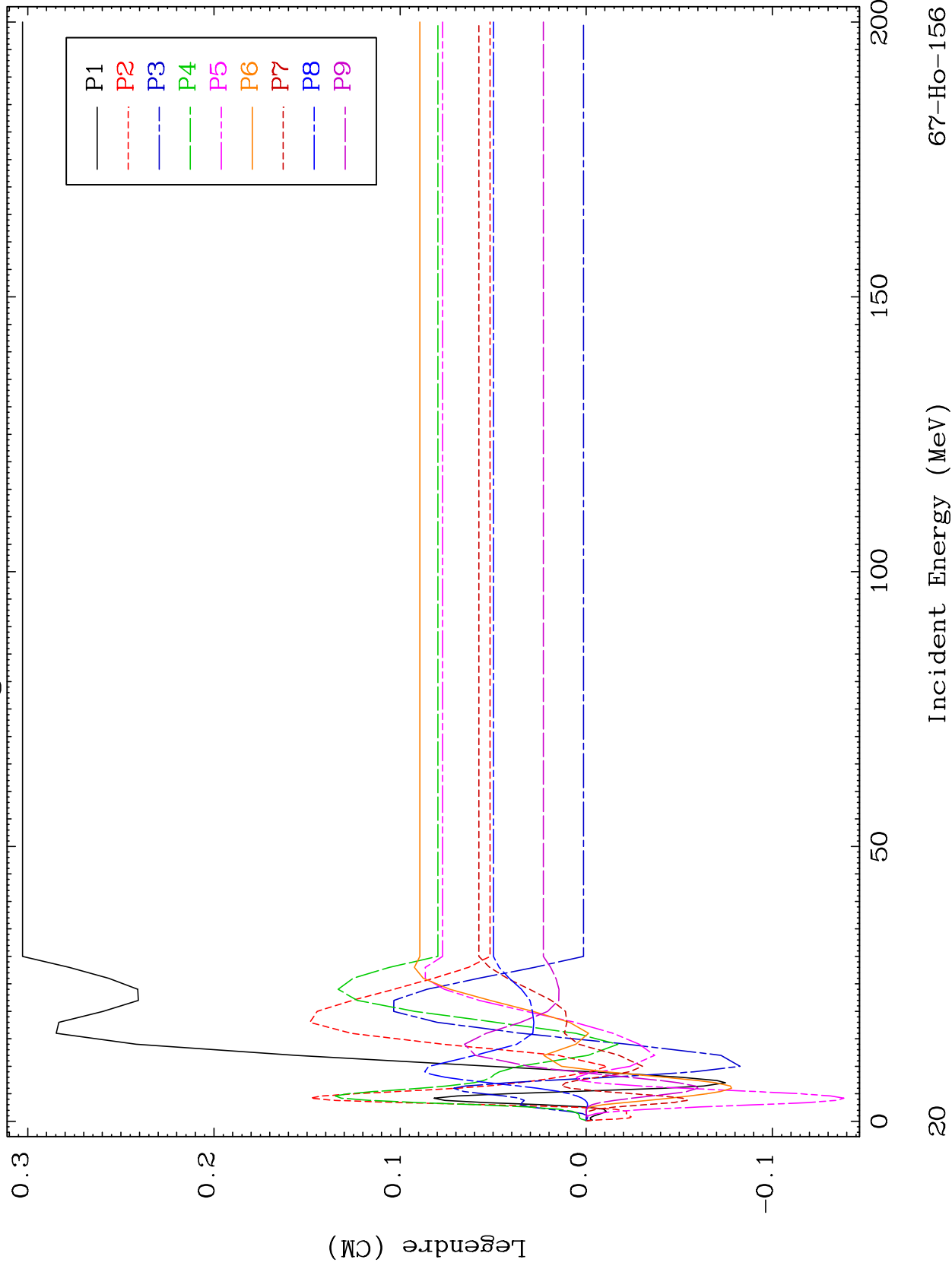
67-Ho-156

MAT 6698

MT= 51 (n,n') Level

67-Ho-156

Legendre Coefficients



67-Ho-156

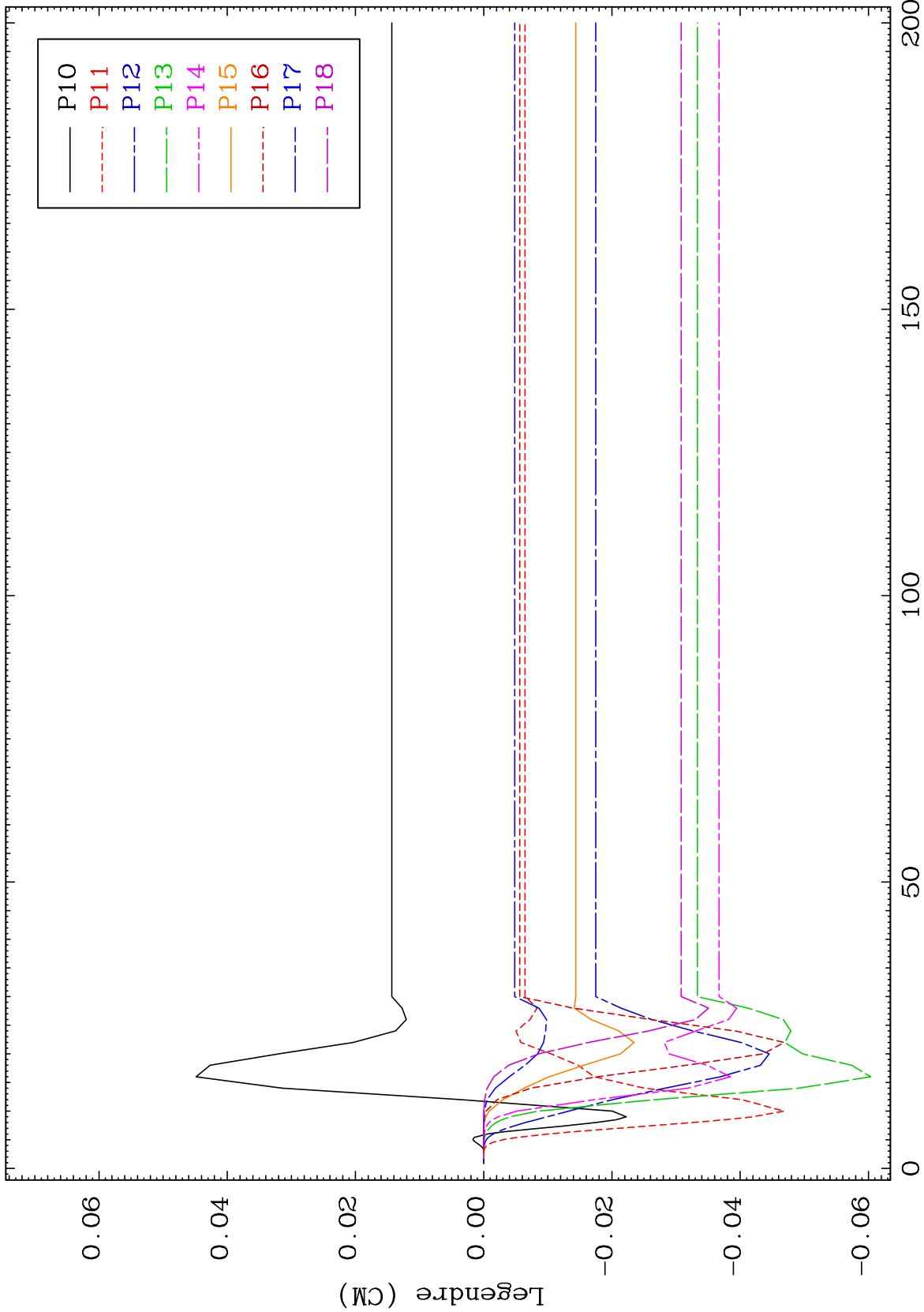
Incident Energy (MeV)

20

MAT 6698

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

67-Ho-156



21

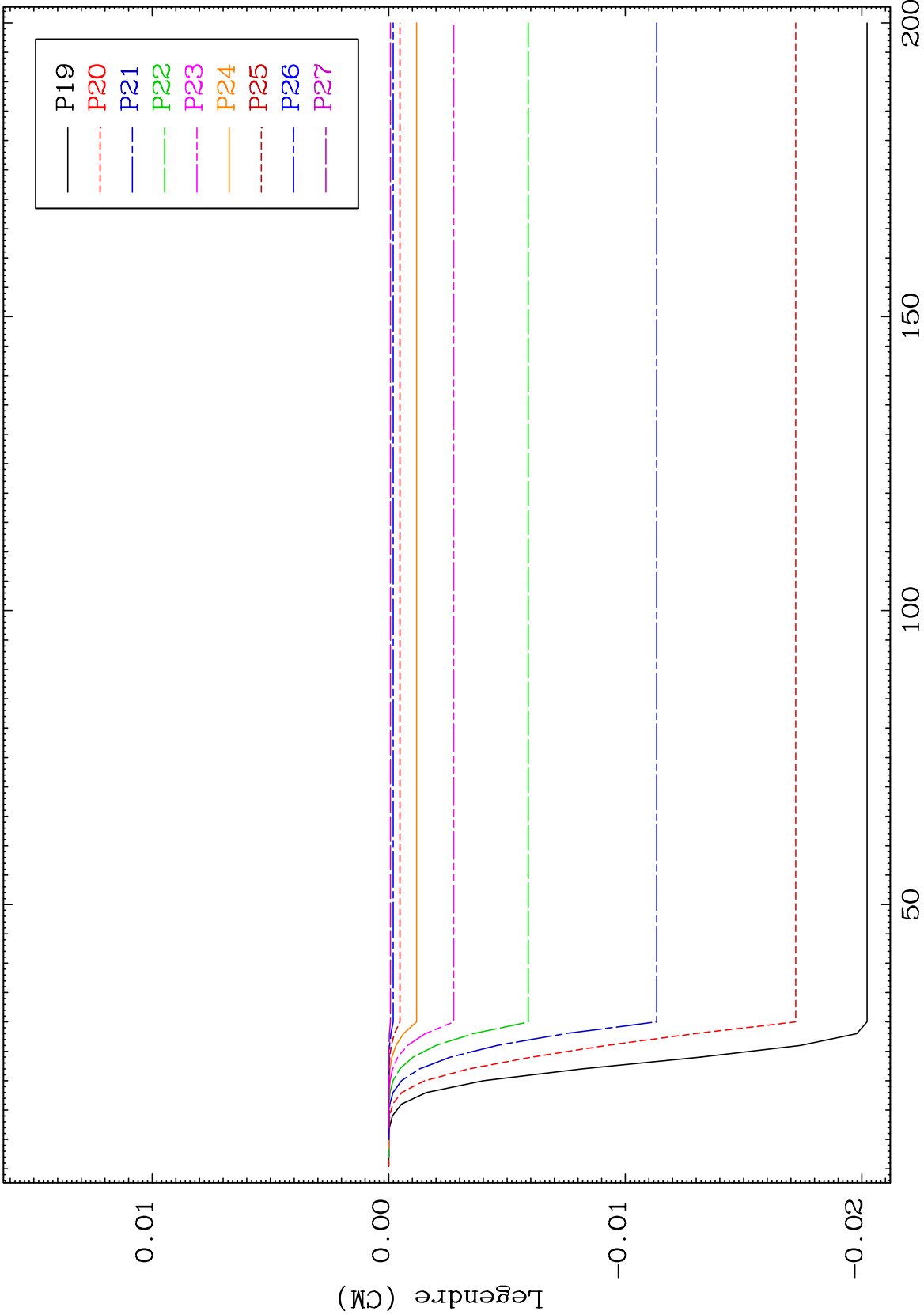
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

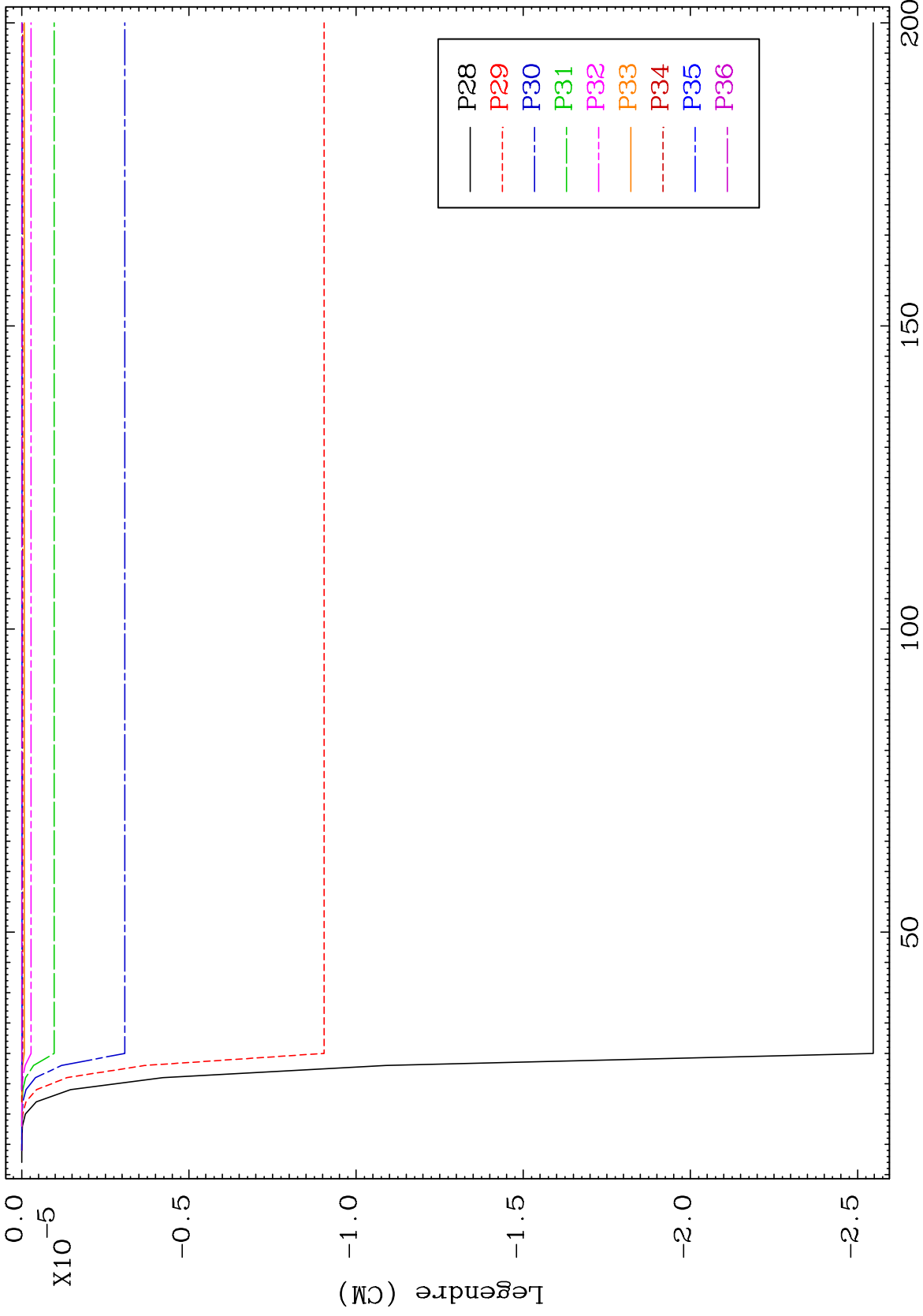
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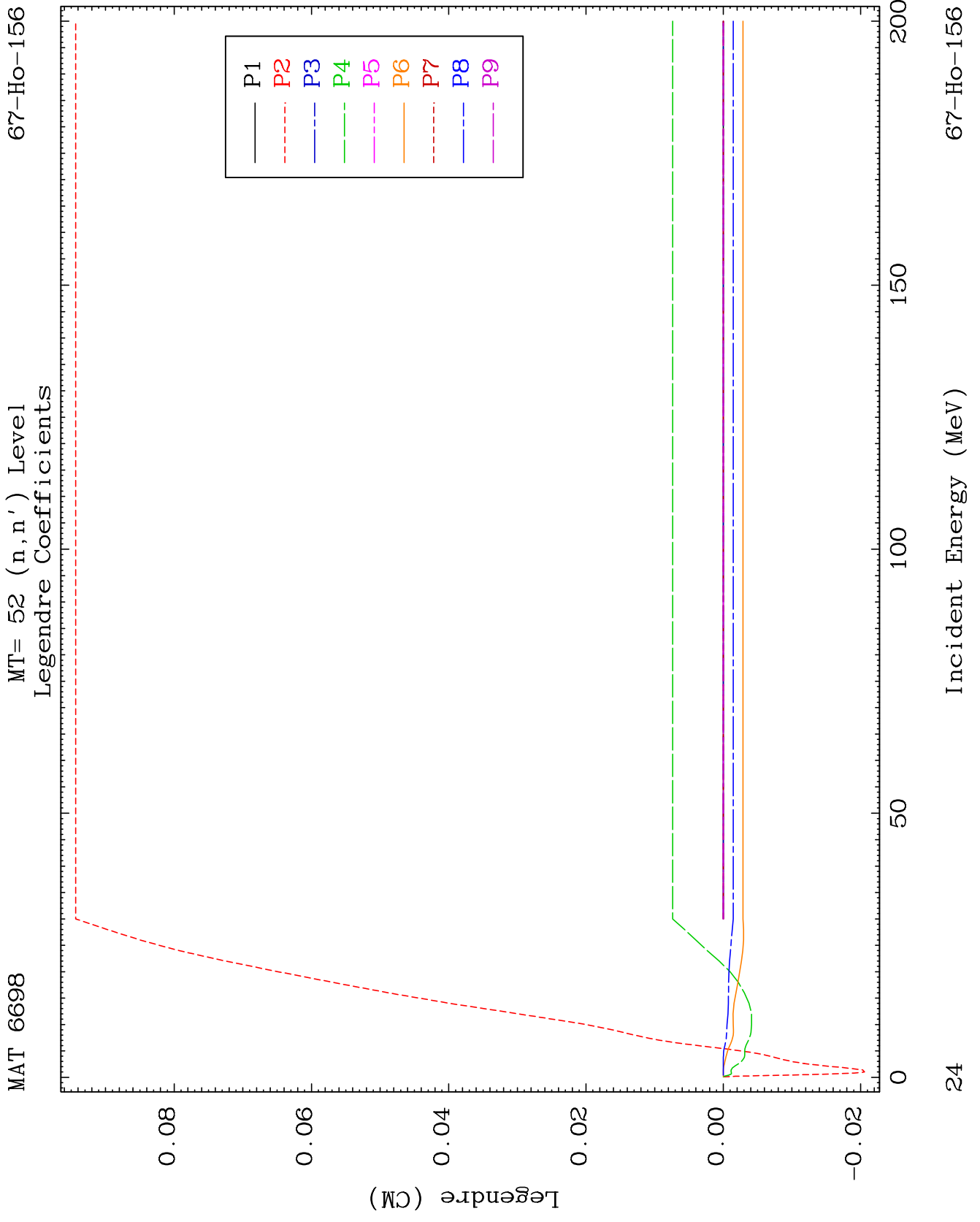


22

Incident Energy (MeV)

67-Ho-156

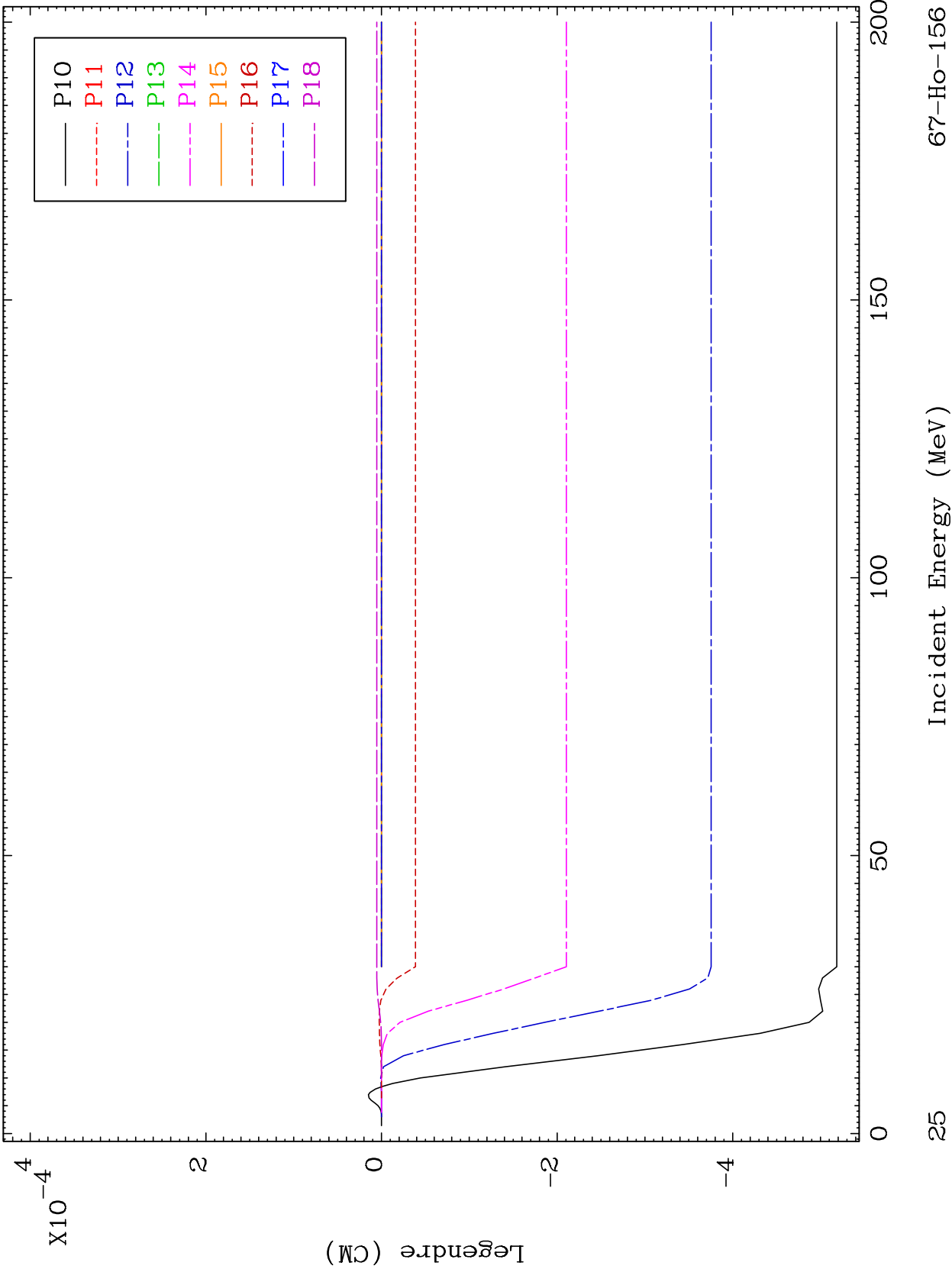




MAT 6698

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

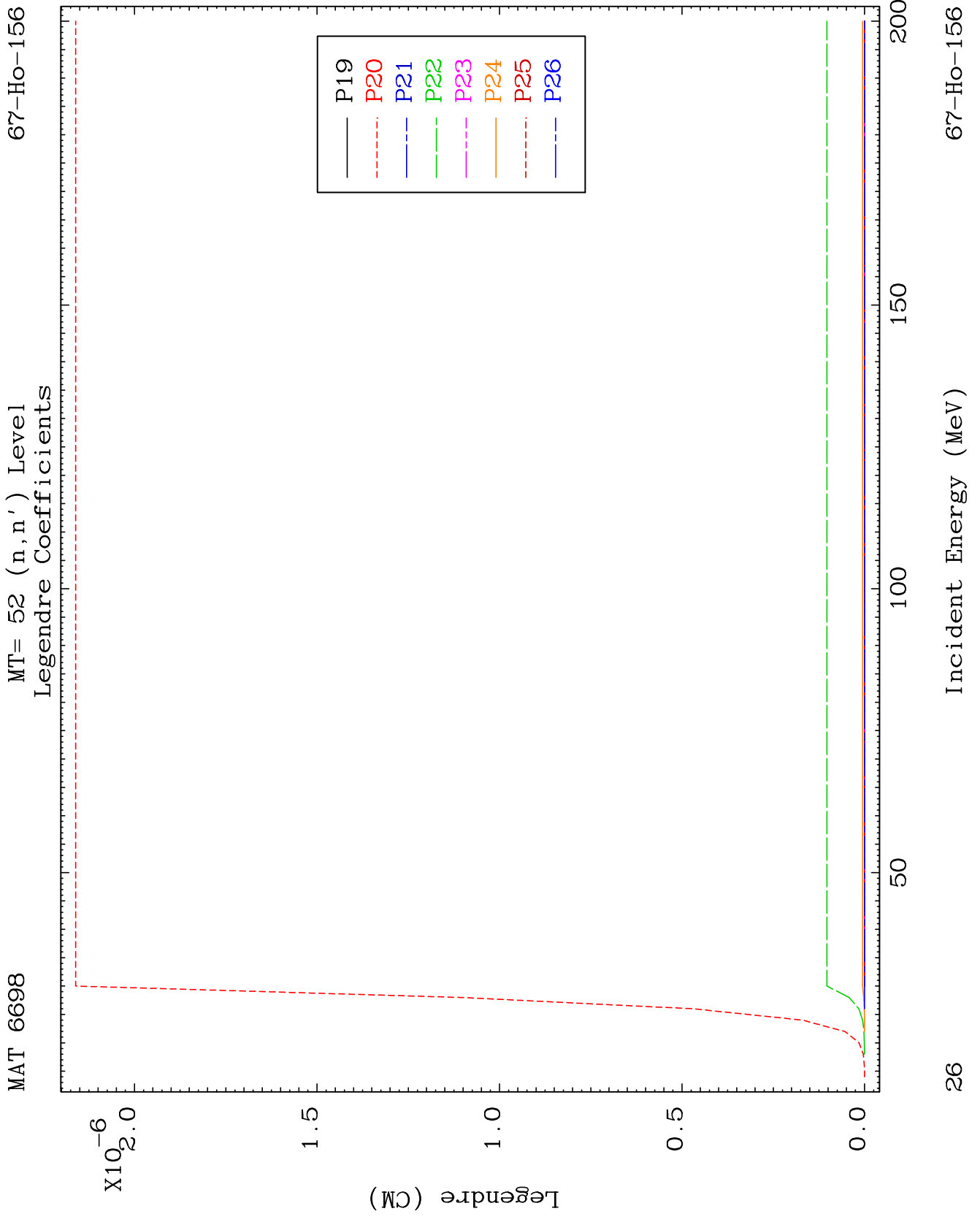
67-Ho-156



67-Ho-156

Incident Energy (MeV)

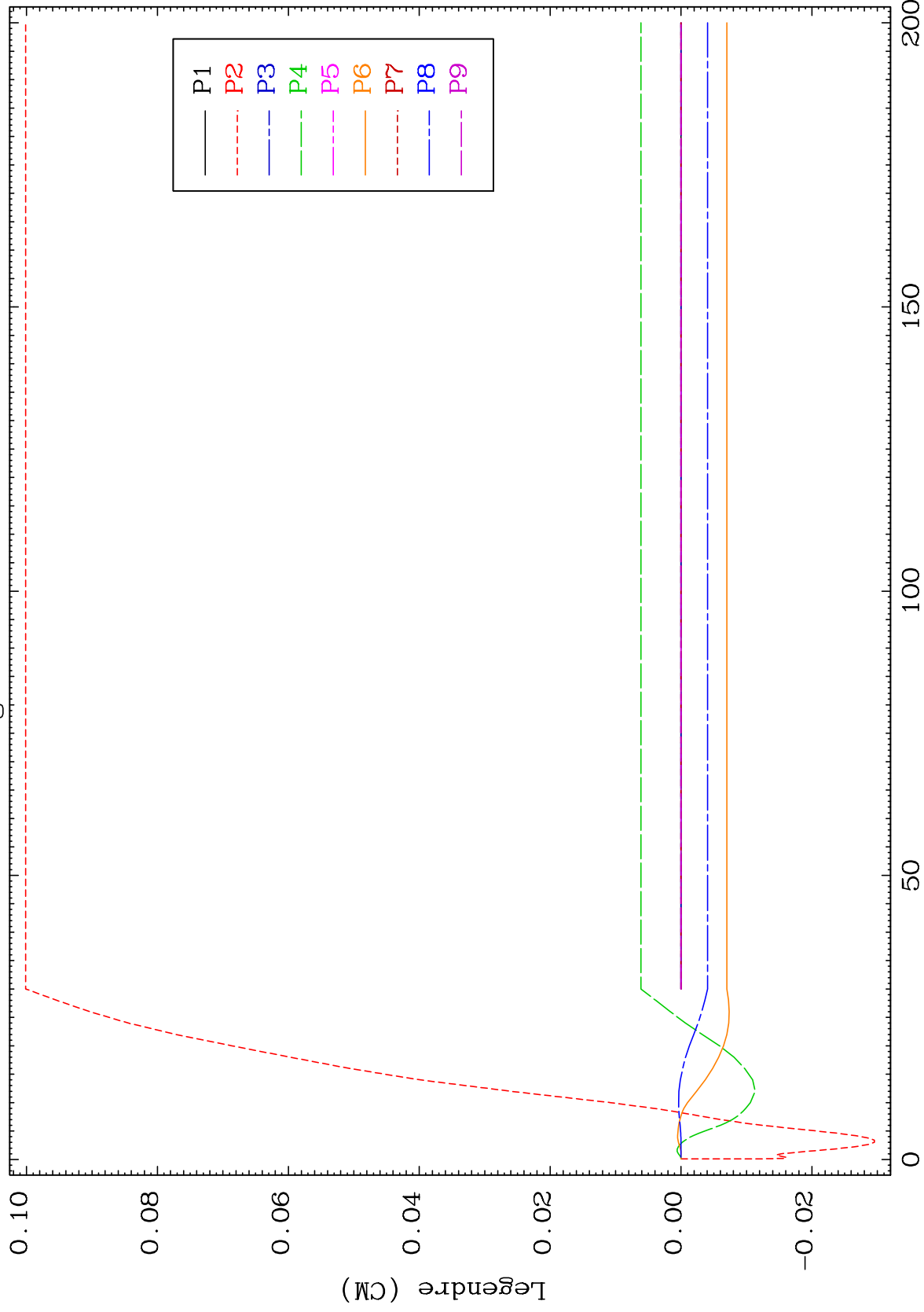
25



MAT 6698

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

67-Ho-156



27

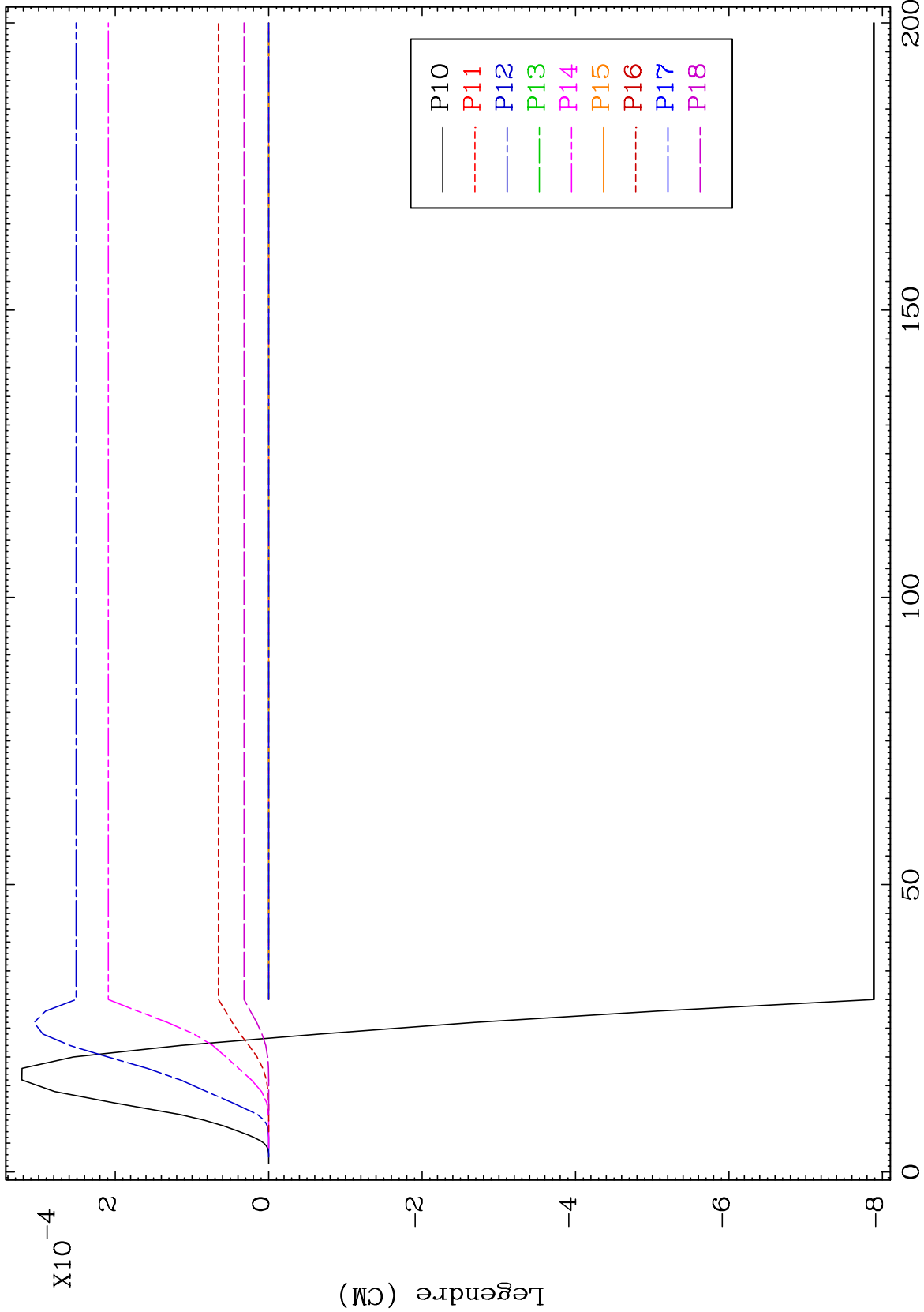
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



28

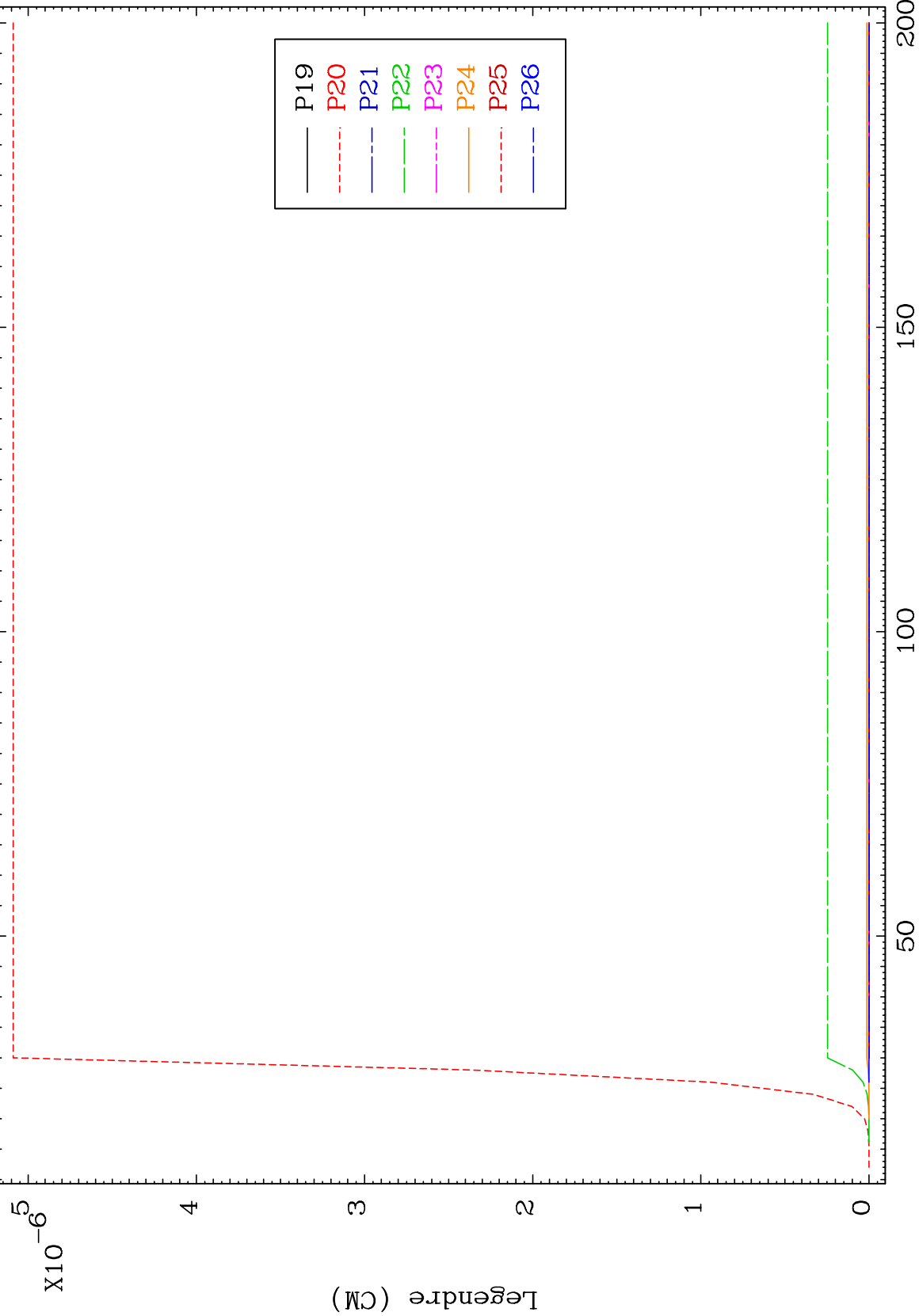
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

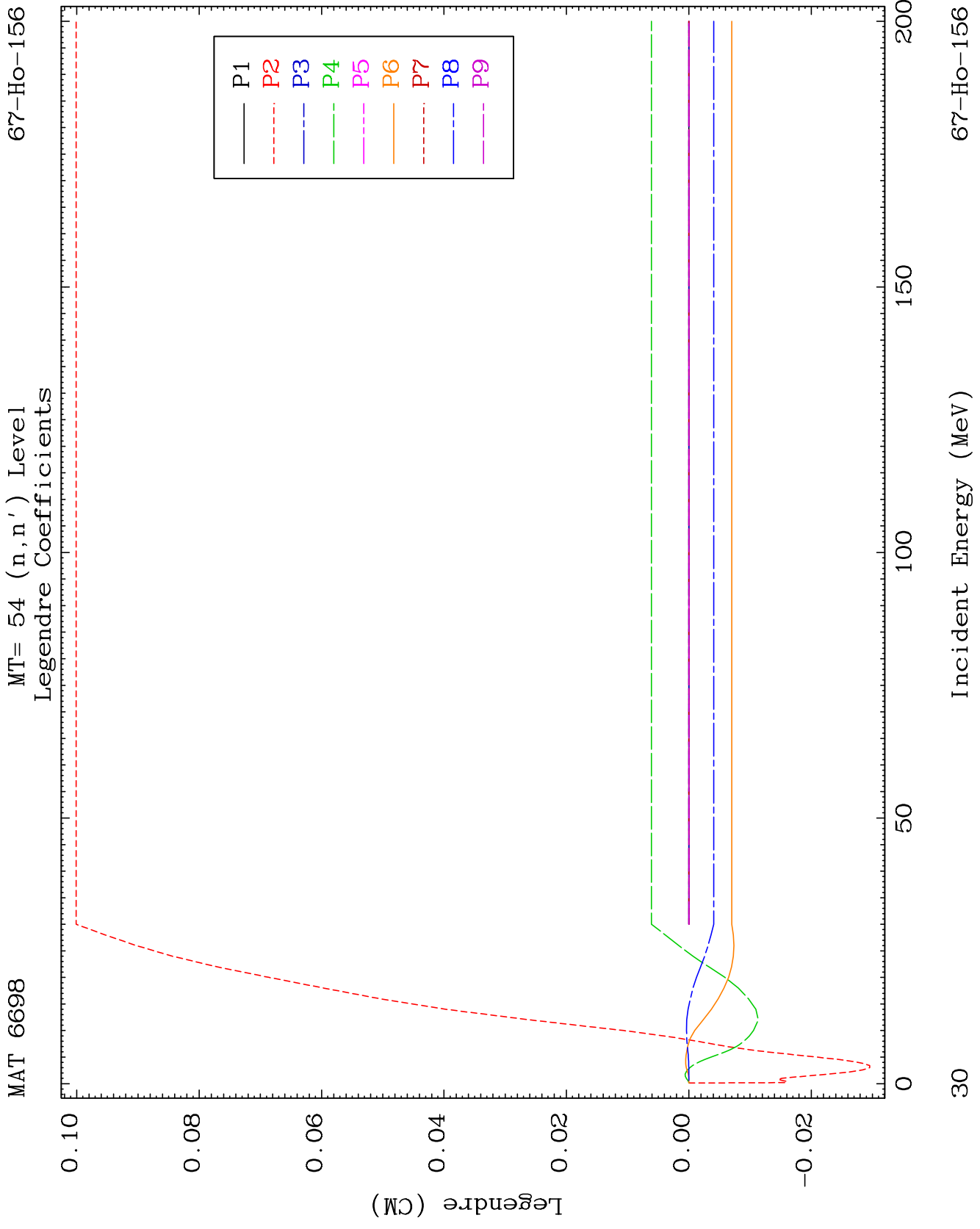
67-Ho-156



29

Incident Energy (MeV)

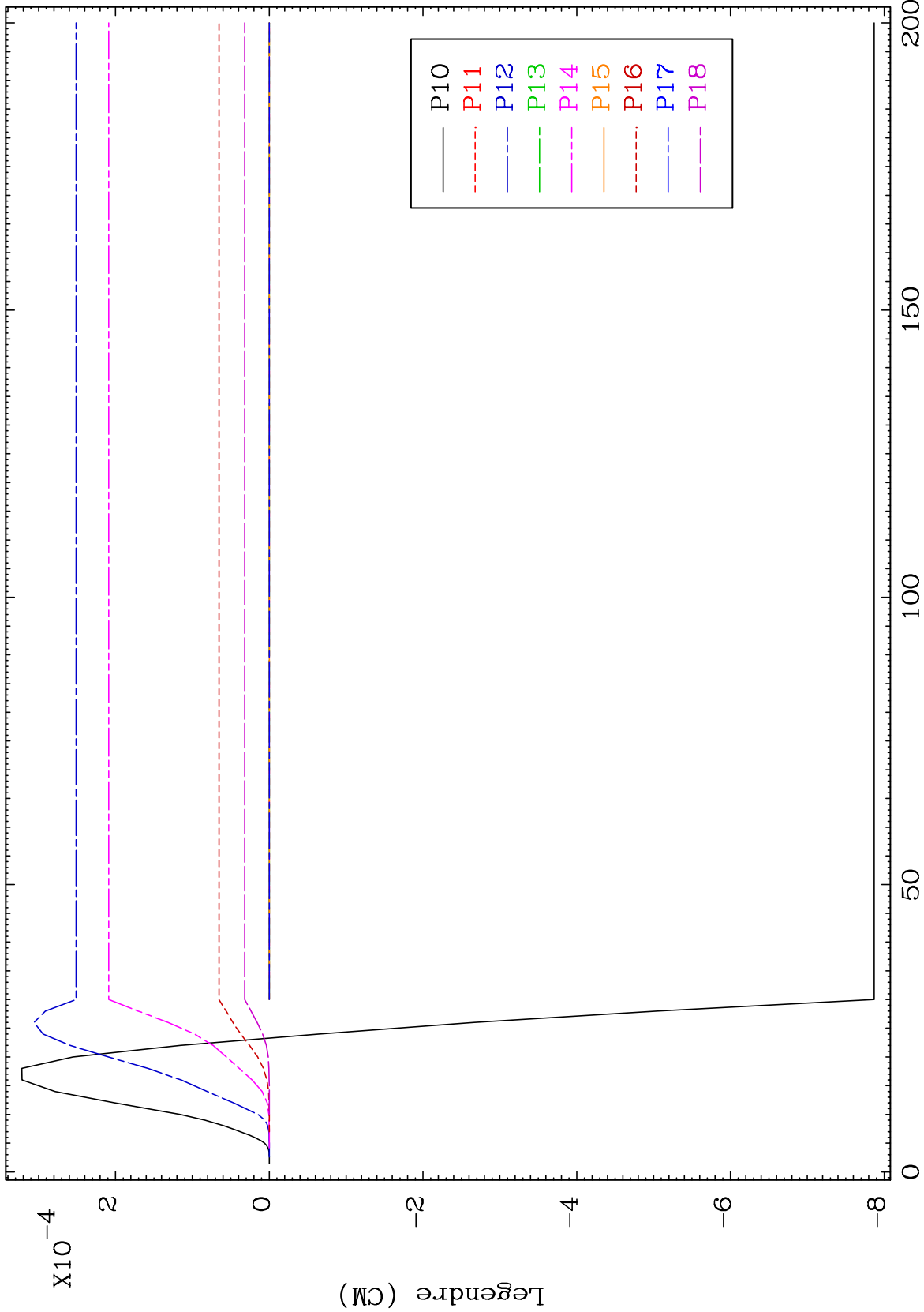
67-Ho-156



MAT 6698

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

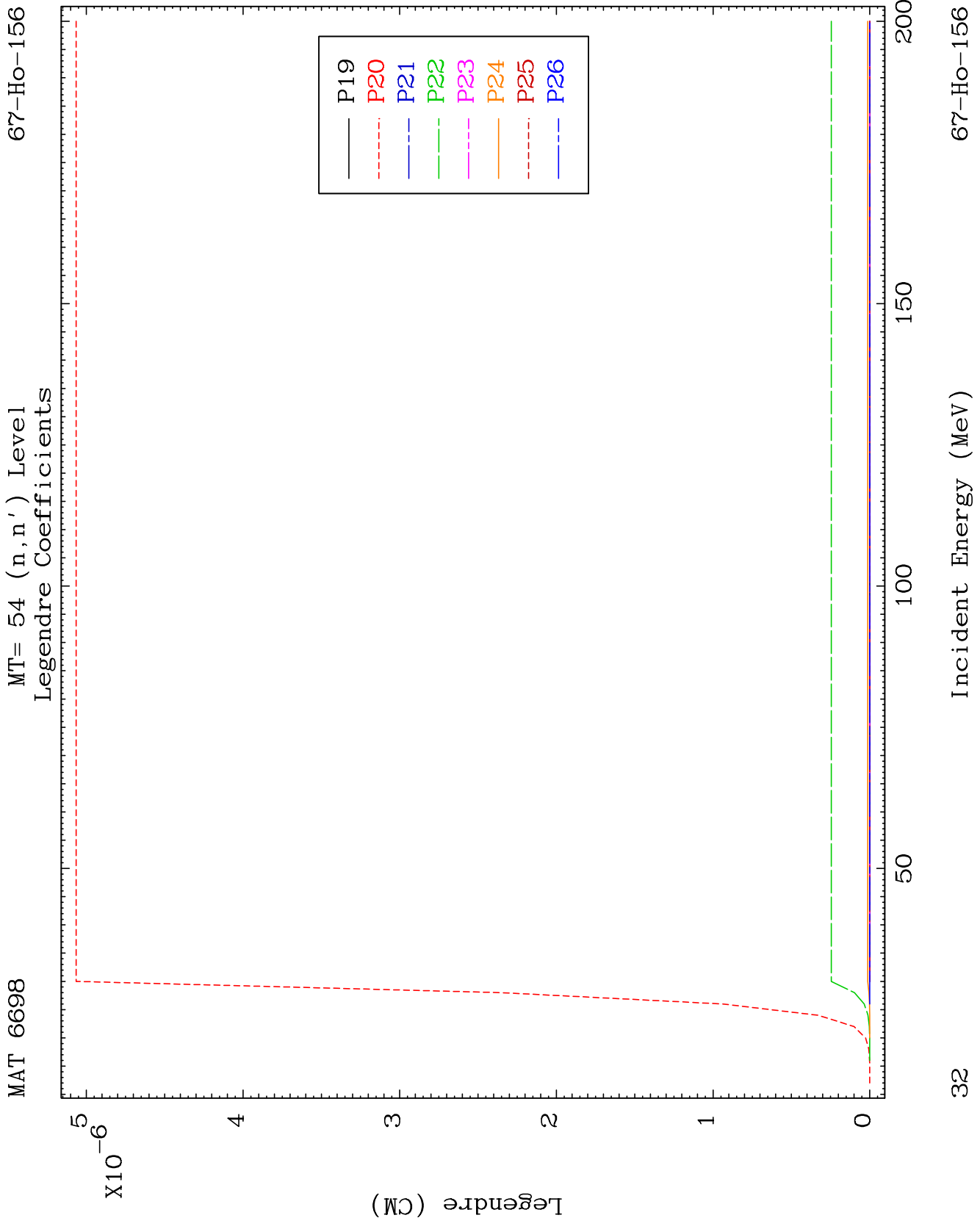
67-Ho-156



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Incident Energy (MeV)

67-Ho-156

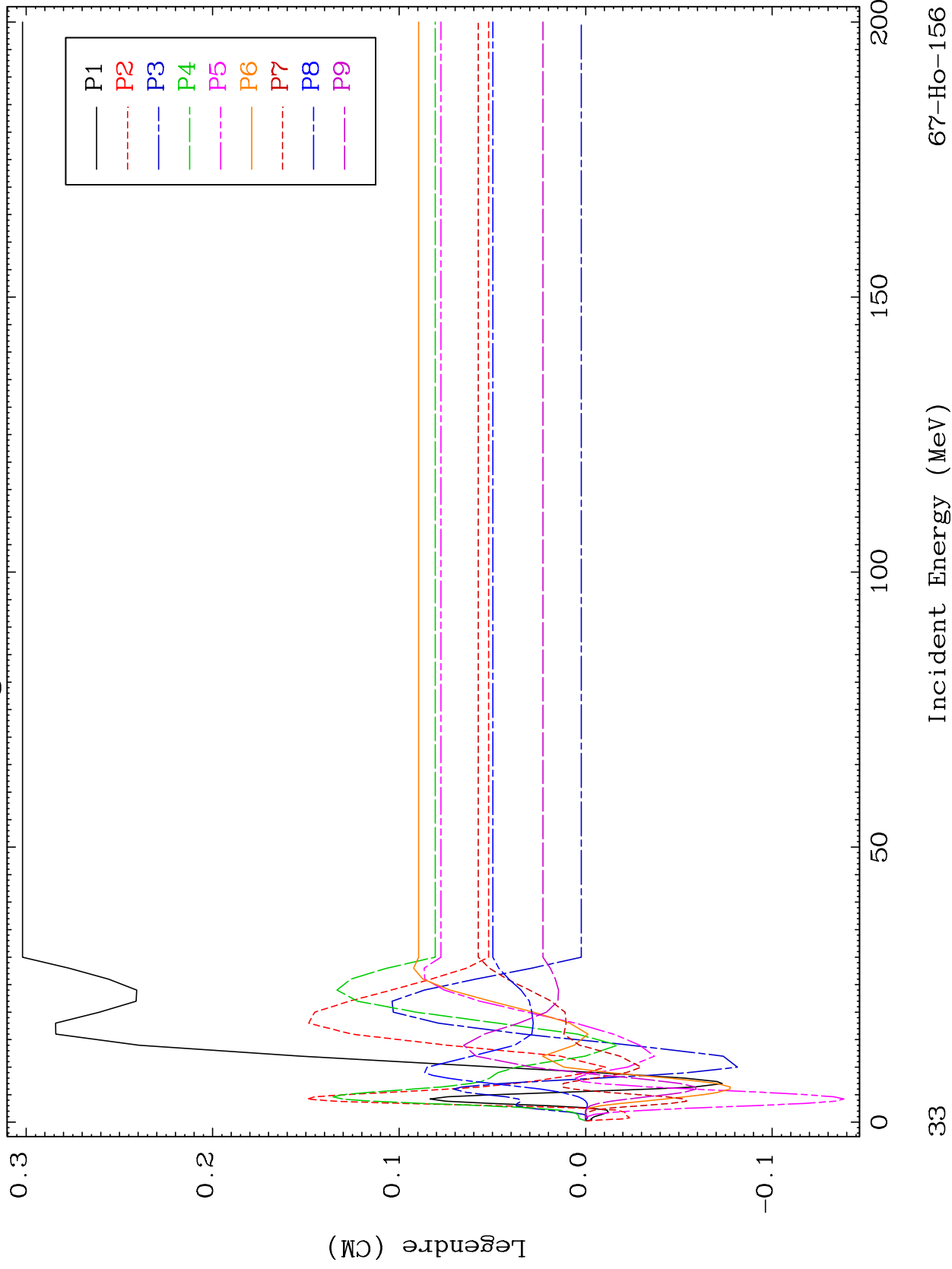


MAT 6698

MT= 55 (n,n') Level

67-Ho-156

Legendre Coefficients



33

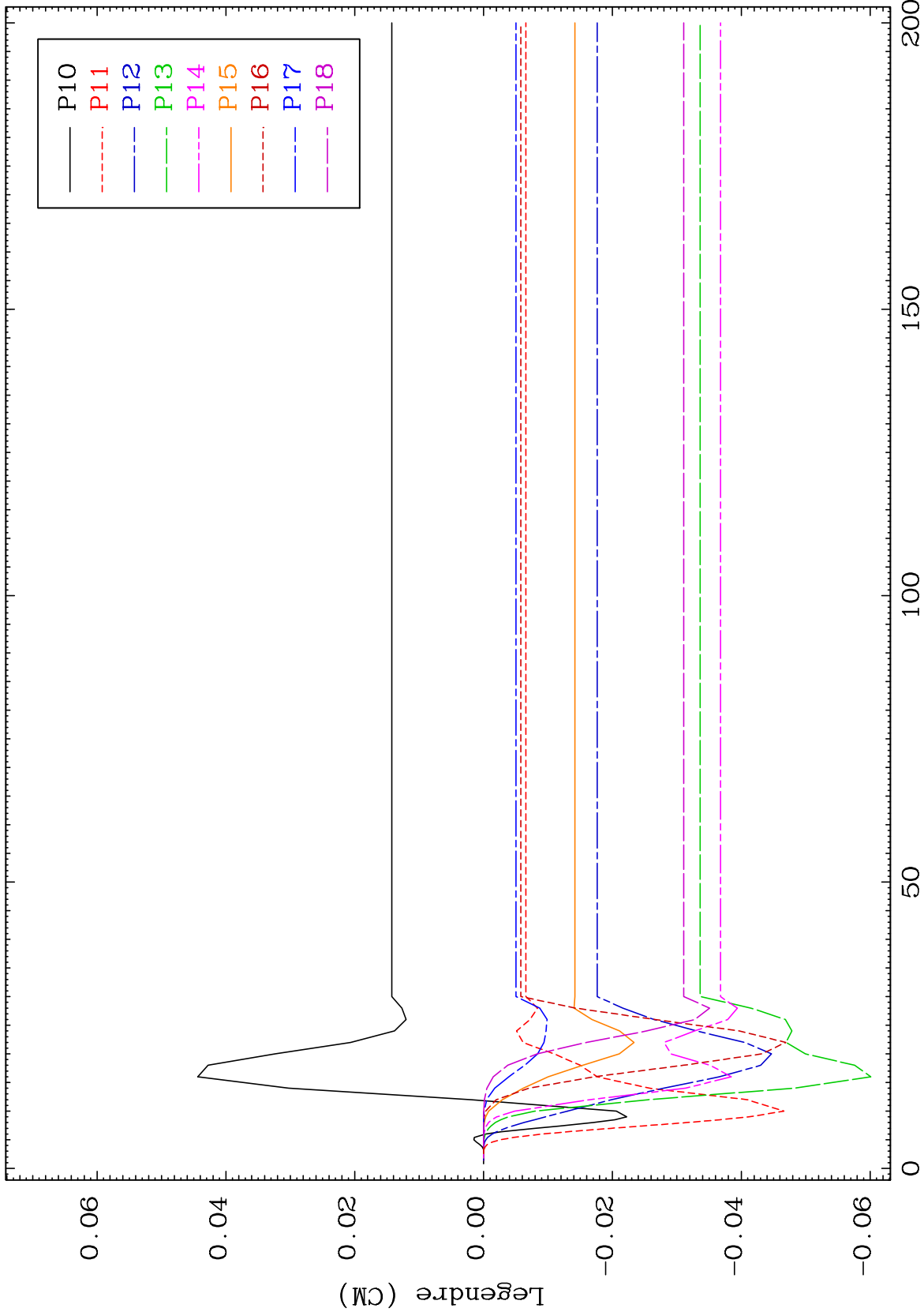
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



34

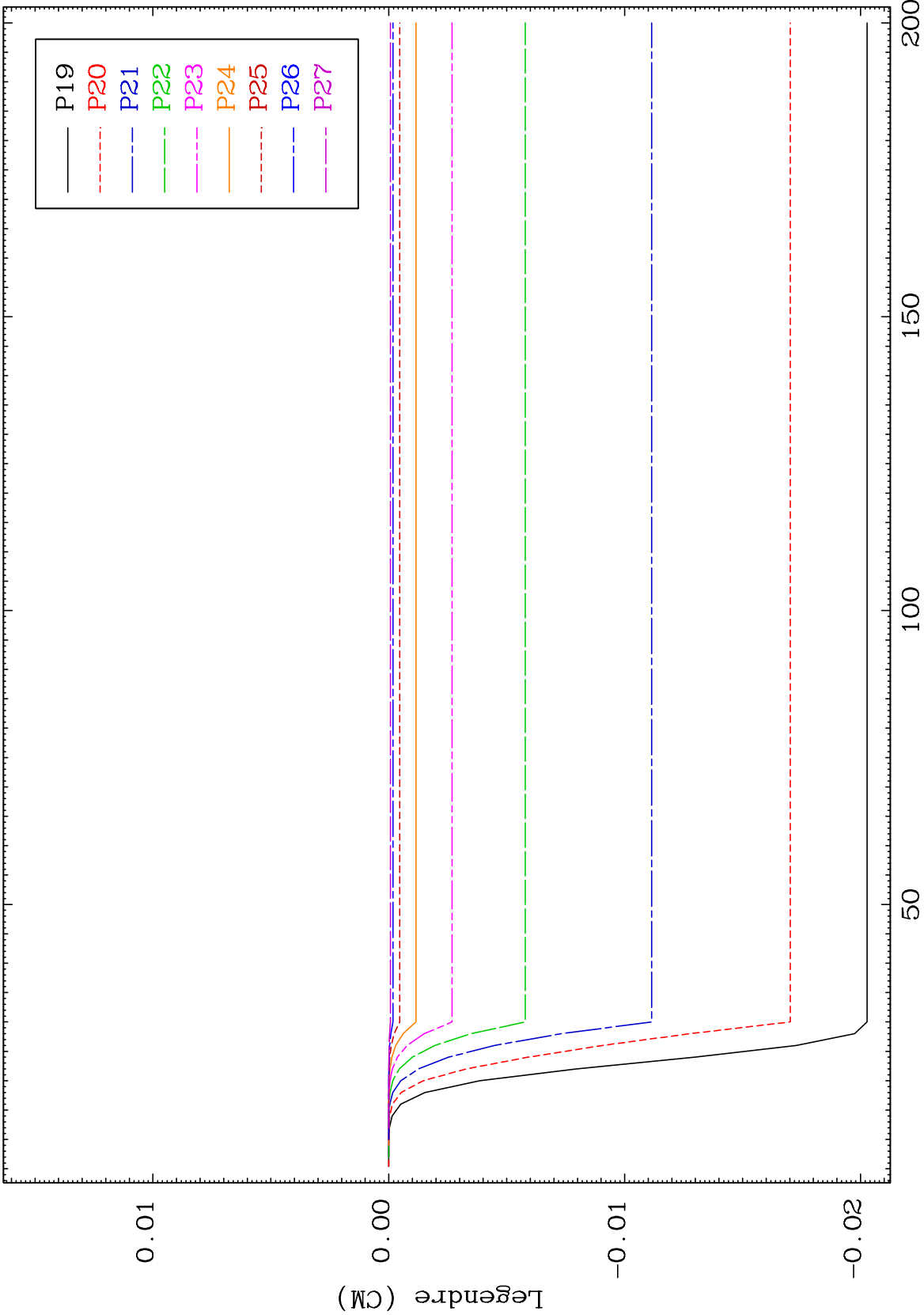
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

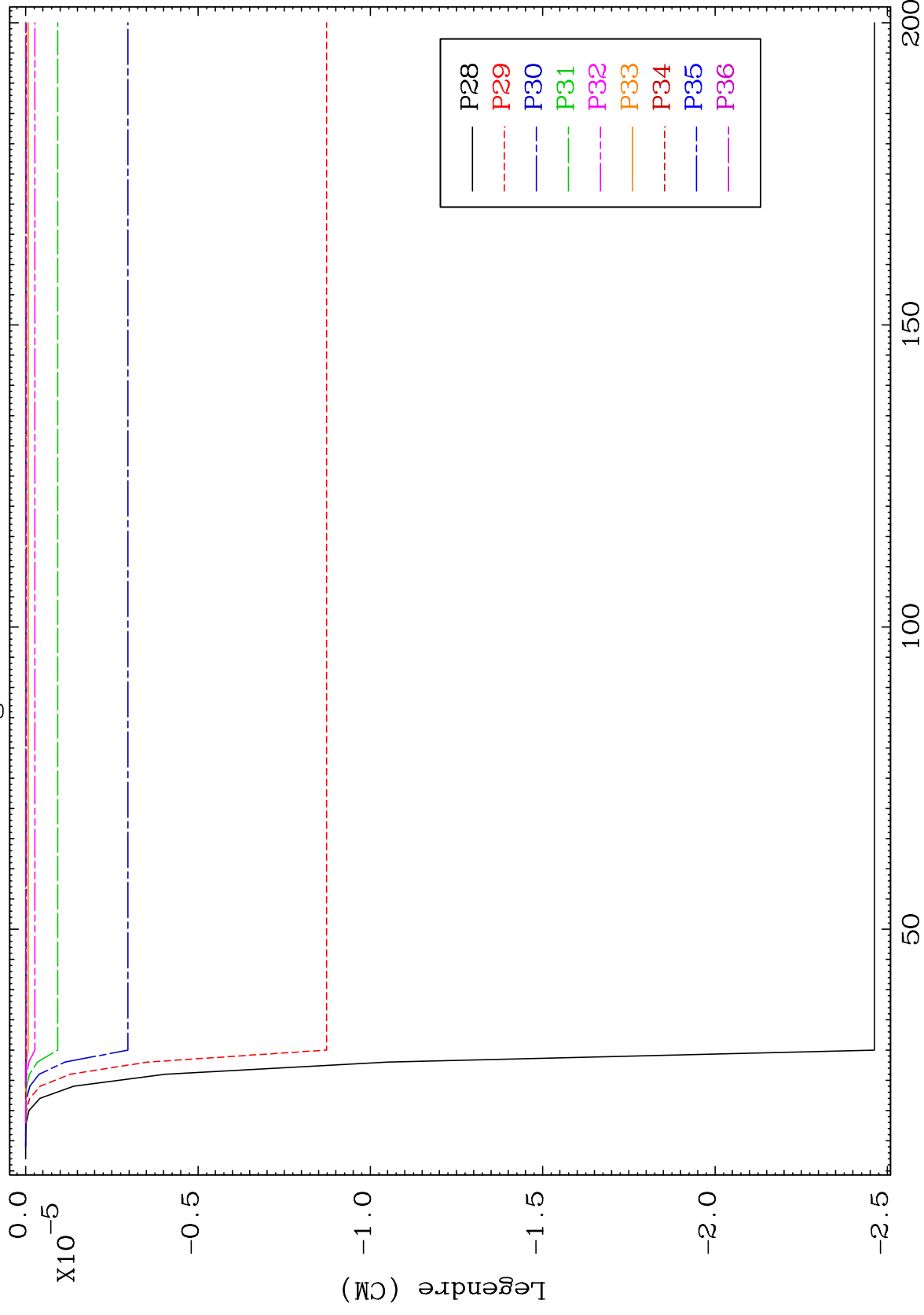
67-Ho-156



35

Incident Energy (MeV)

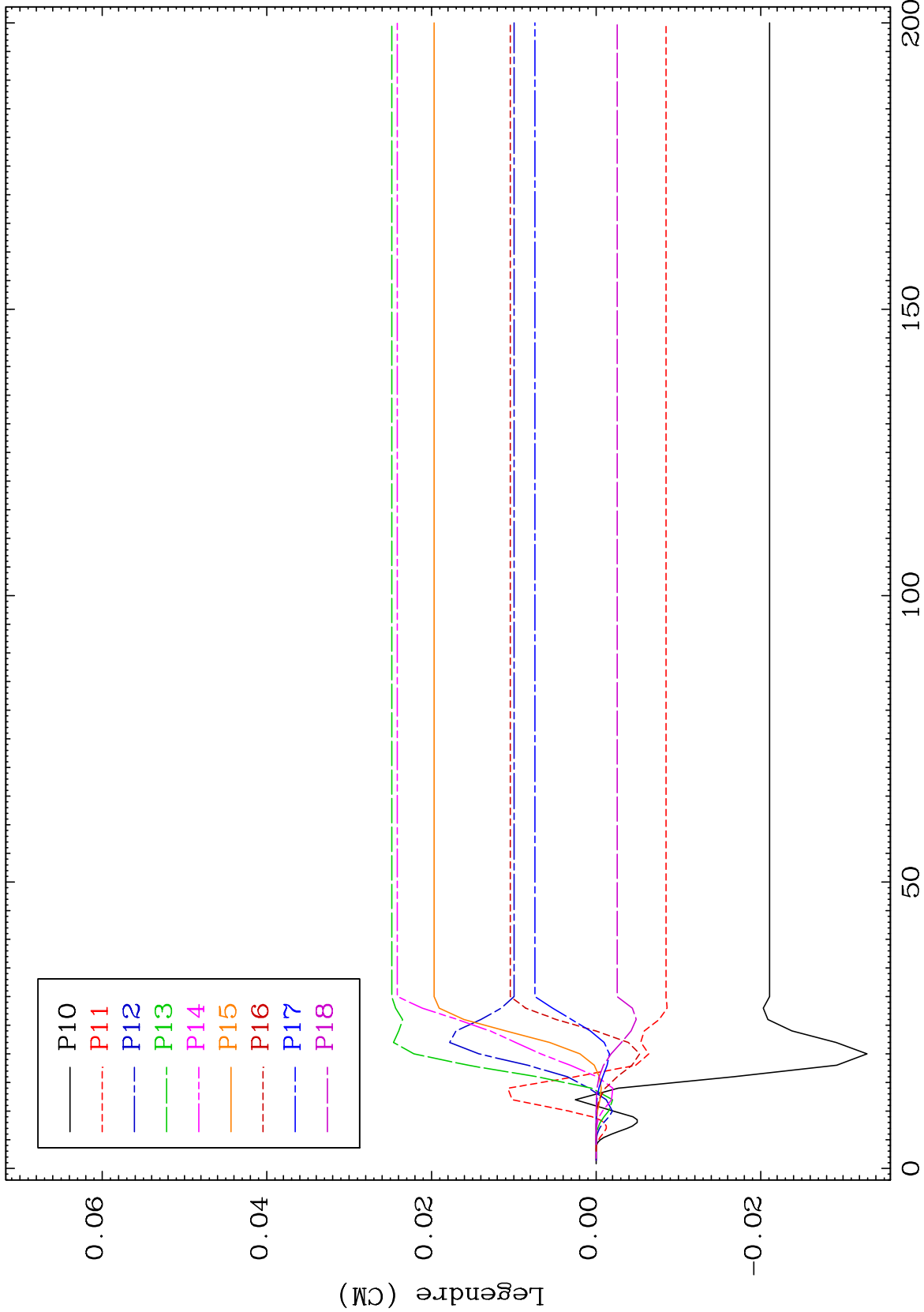
67-Ho-156



MAT 6698

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

67-Ho-156



38

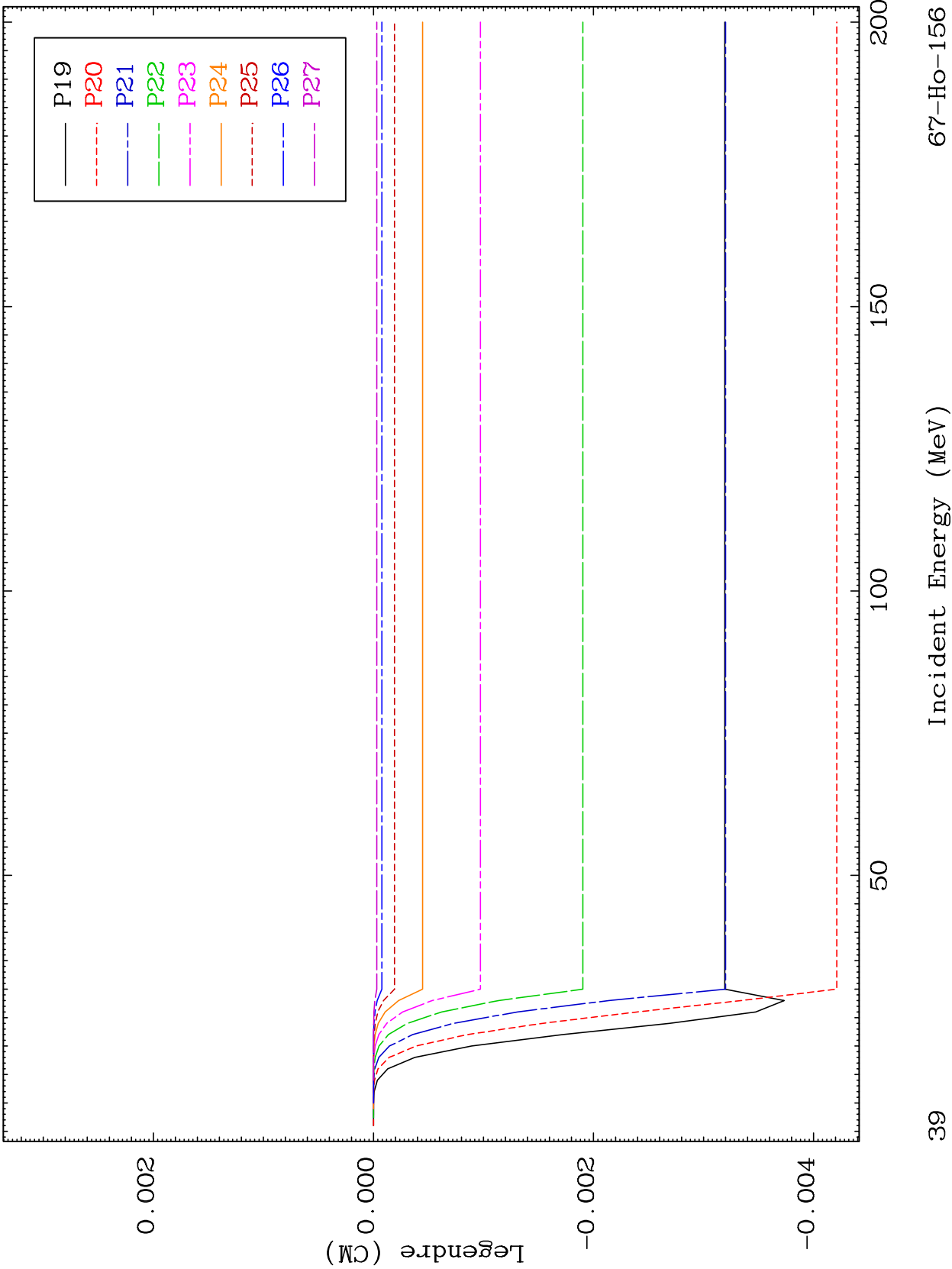
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



39

Incident Energy (MeV)

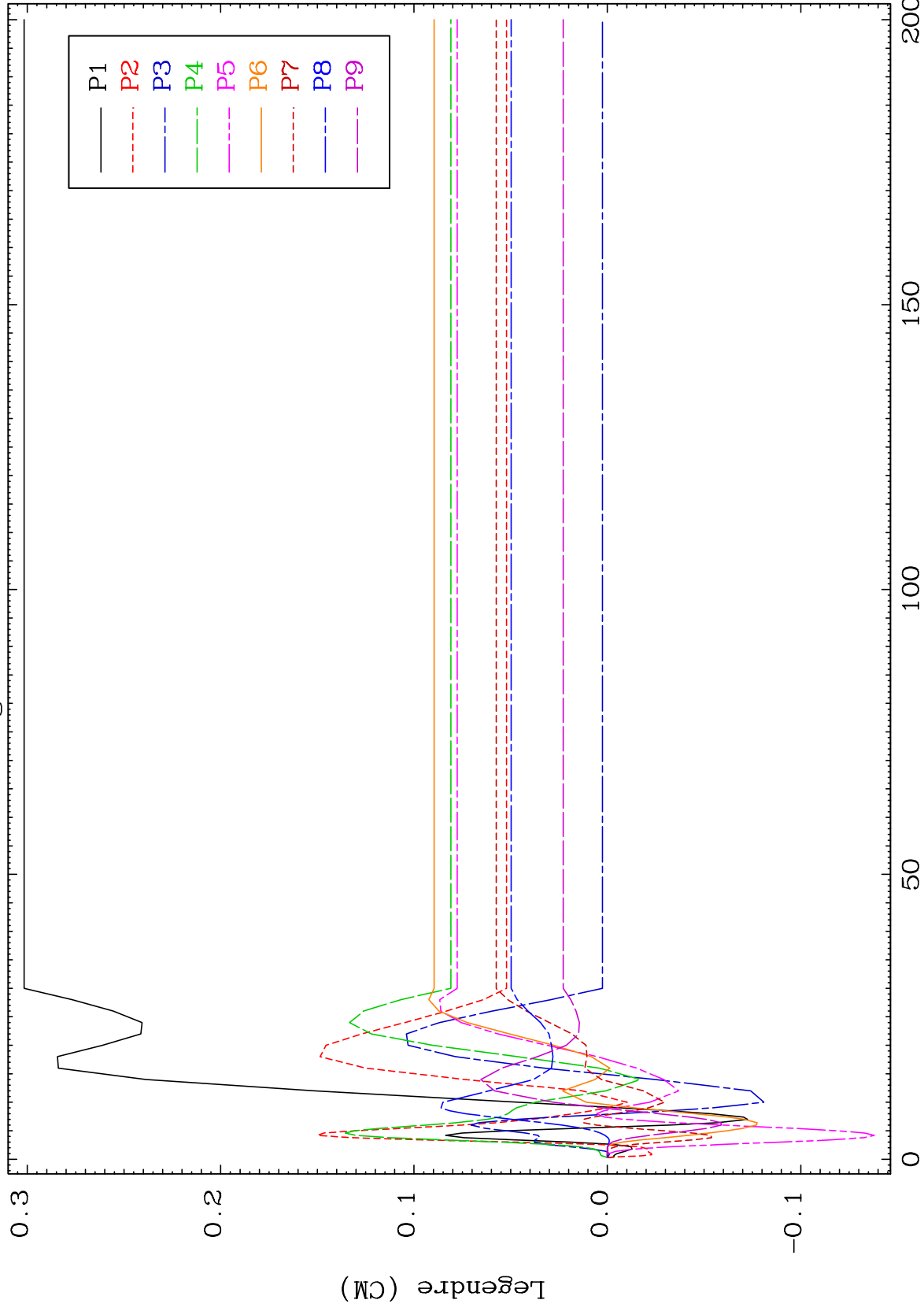
67-Ho-156

MAT 6698

MT= 57 (n,n') Level

67-Ho-156

Legendre Coefficients



41

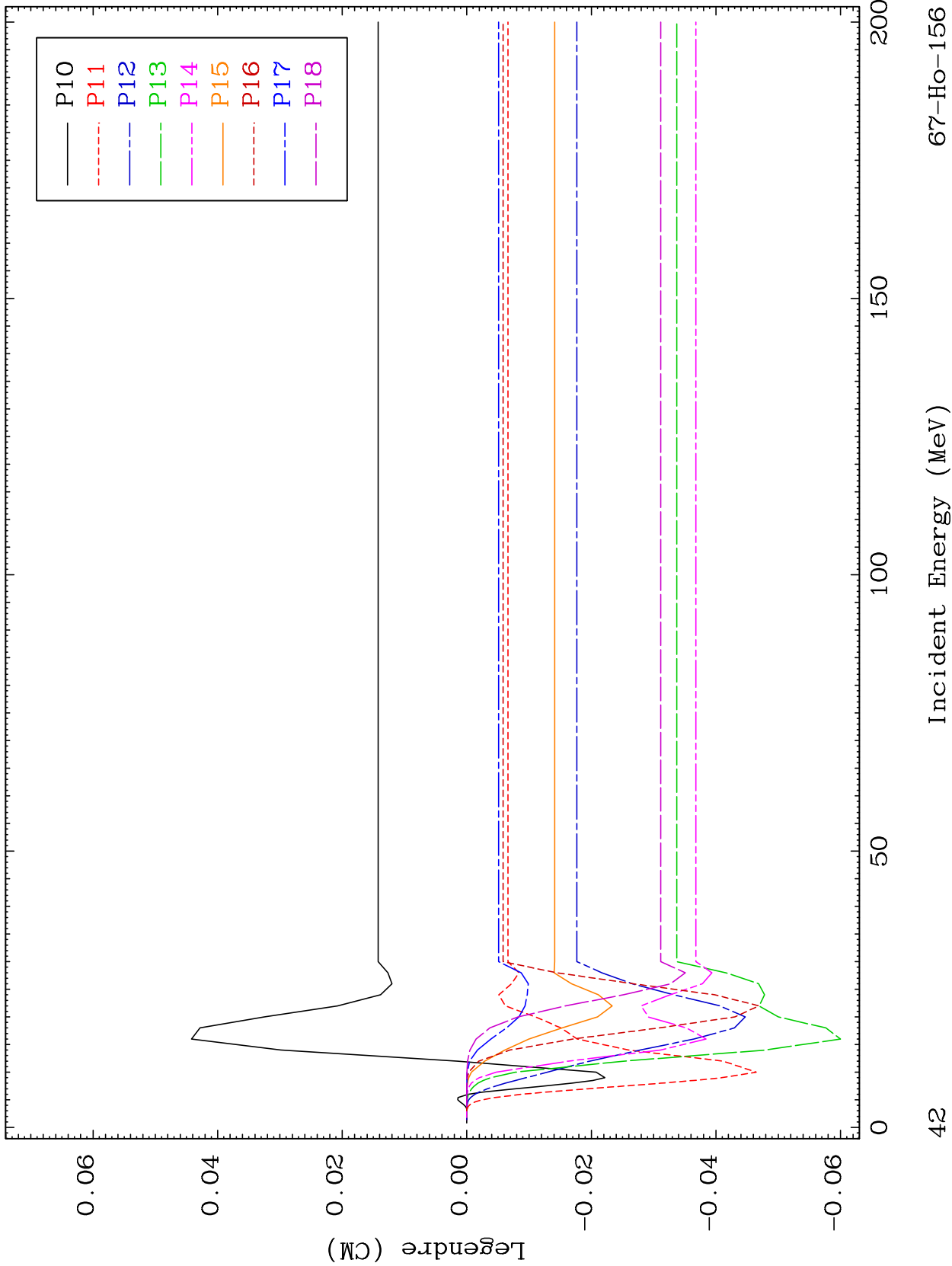
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



67-Ho-156

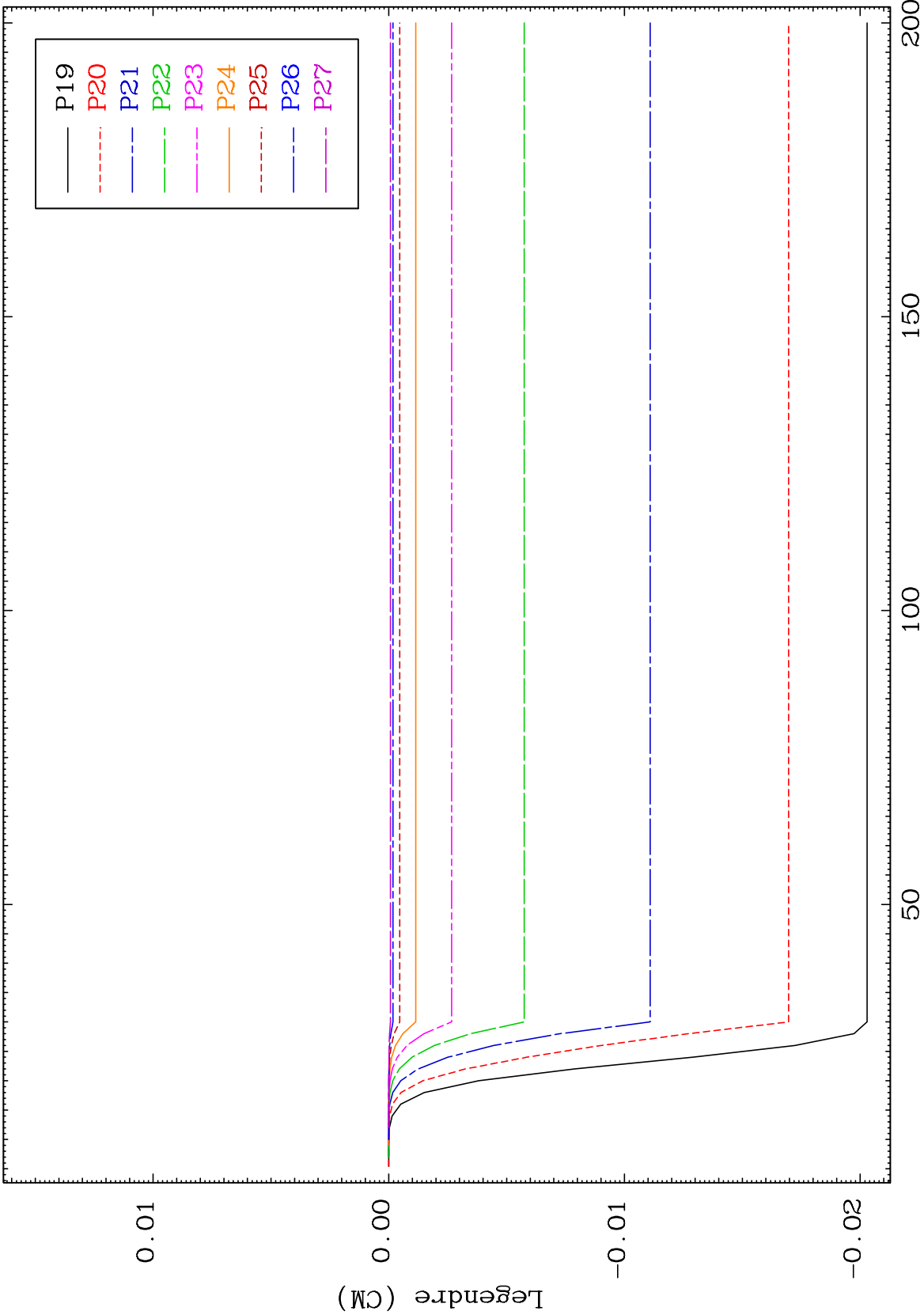
Incident Energy (MeV)

42

MAT 6698

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

67-Ho-156



43

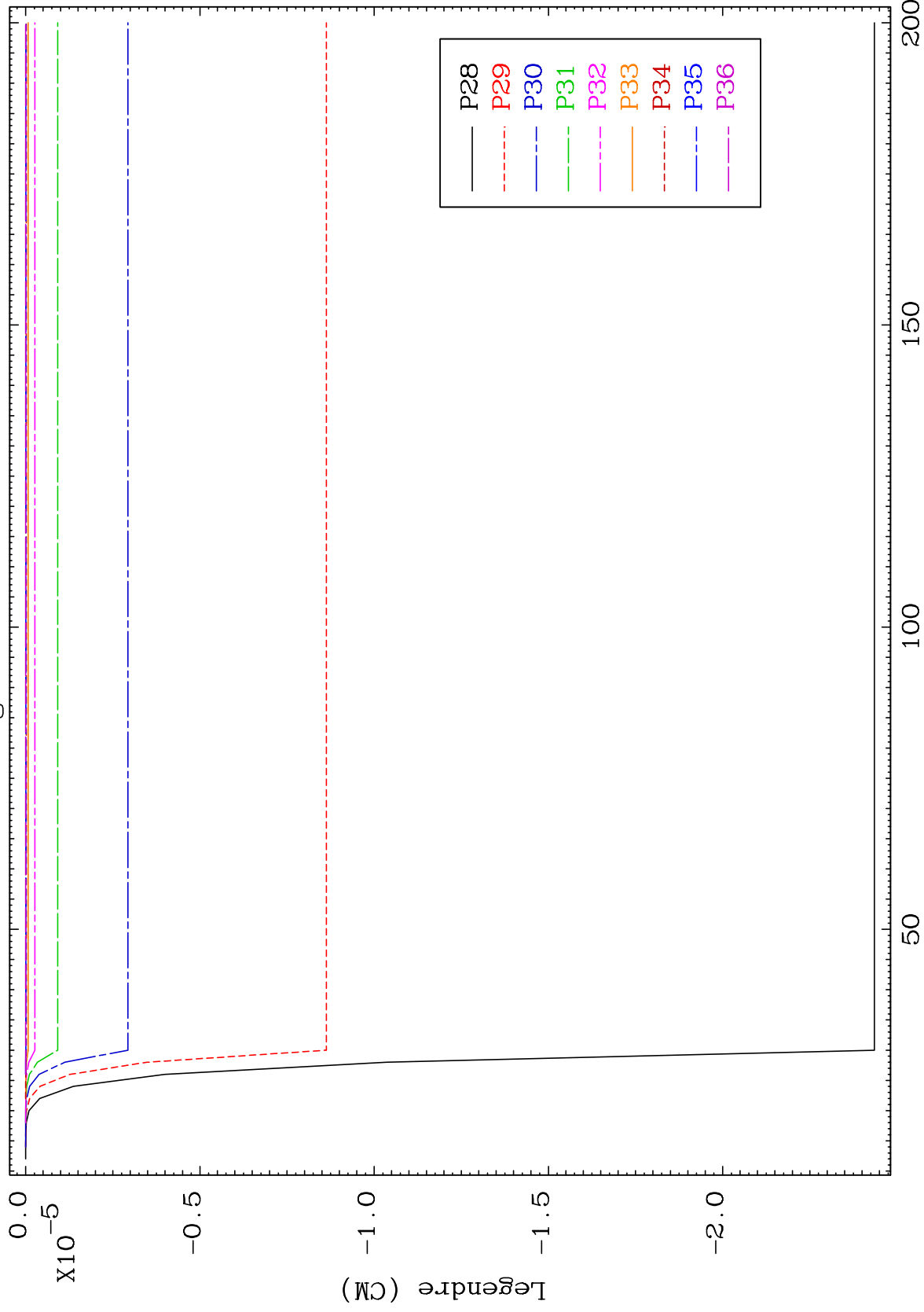
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

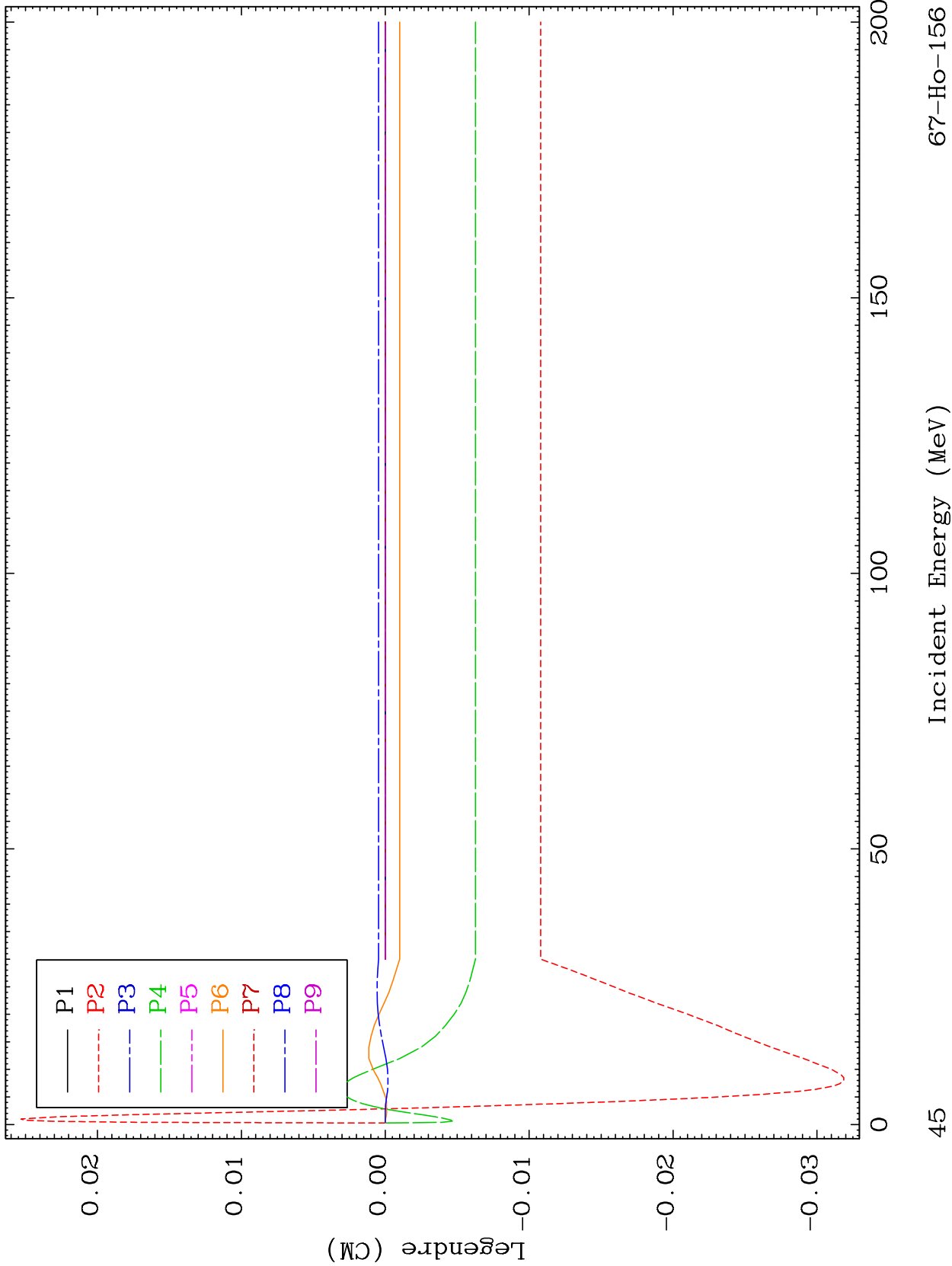
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MAT 6698

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

67-Ho-156



67-Ho-156

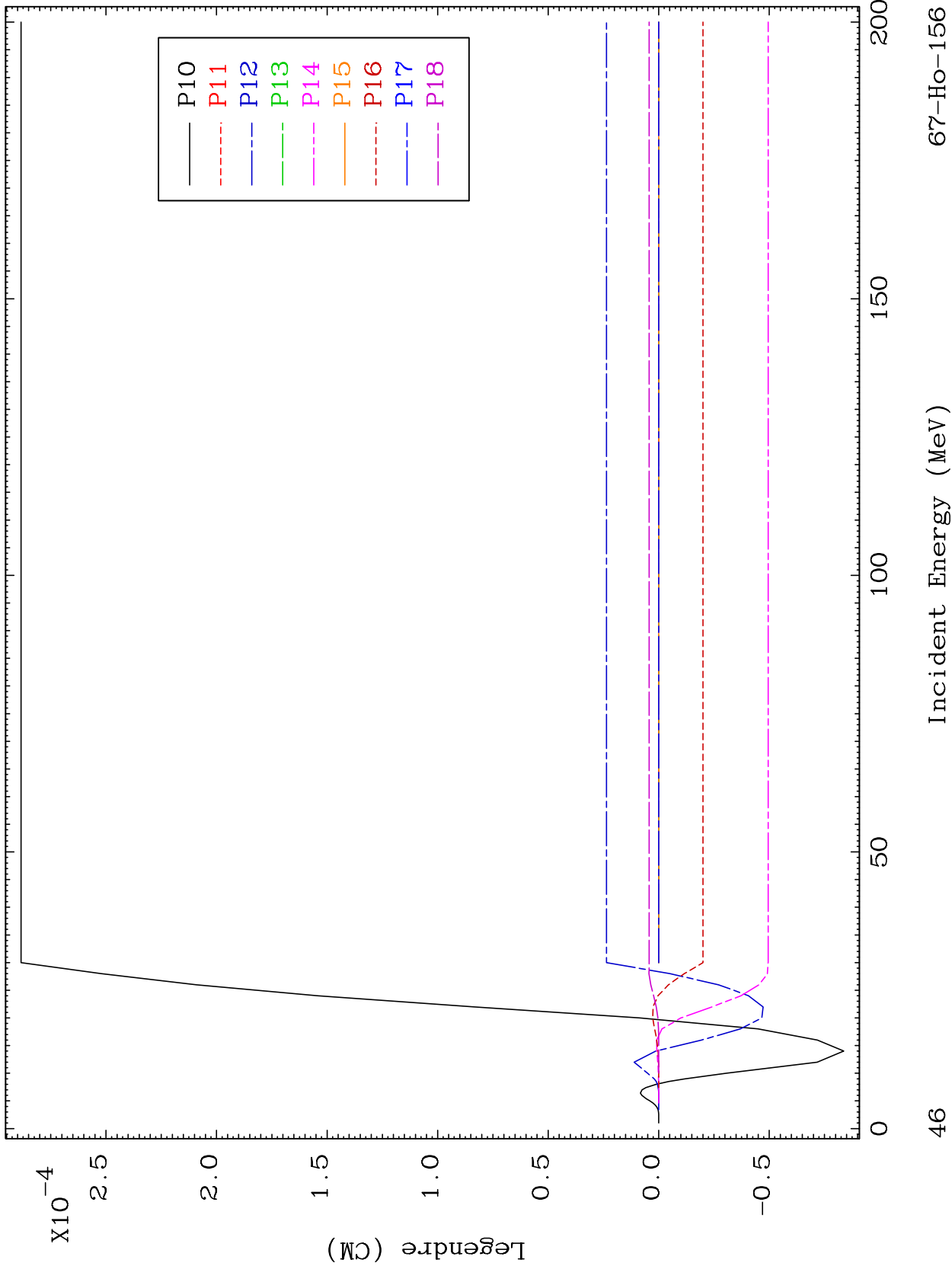
Incident Energy (MeV)

45

MAT 6698

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

67-Ho-156



67-Ho-156

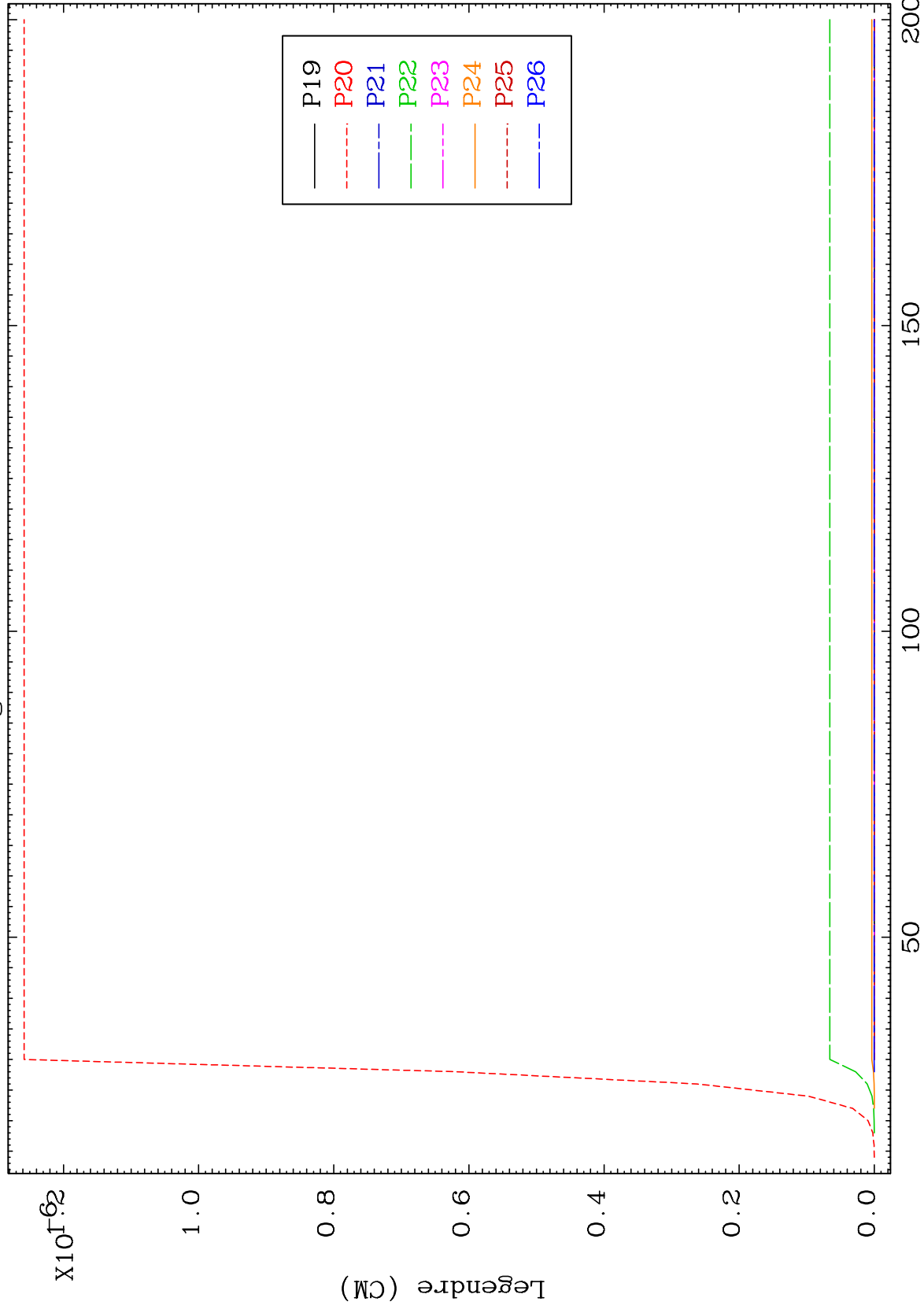
Incident Energy (MeV)

46

MAT 6698

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

67-Ho-156



47

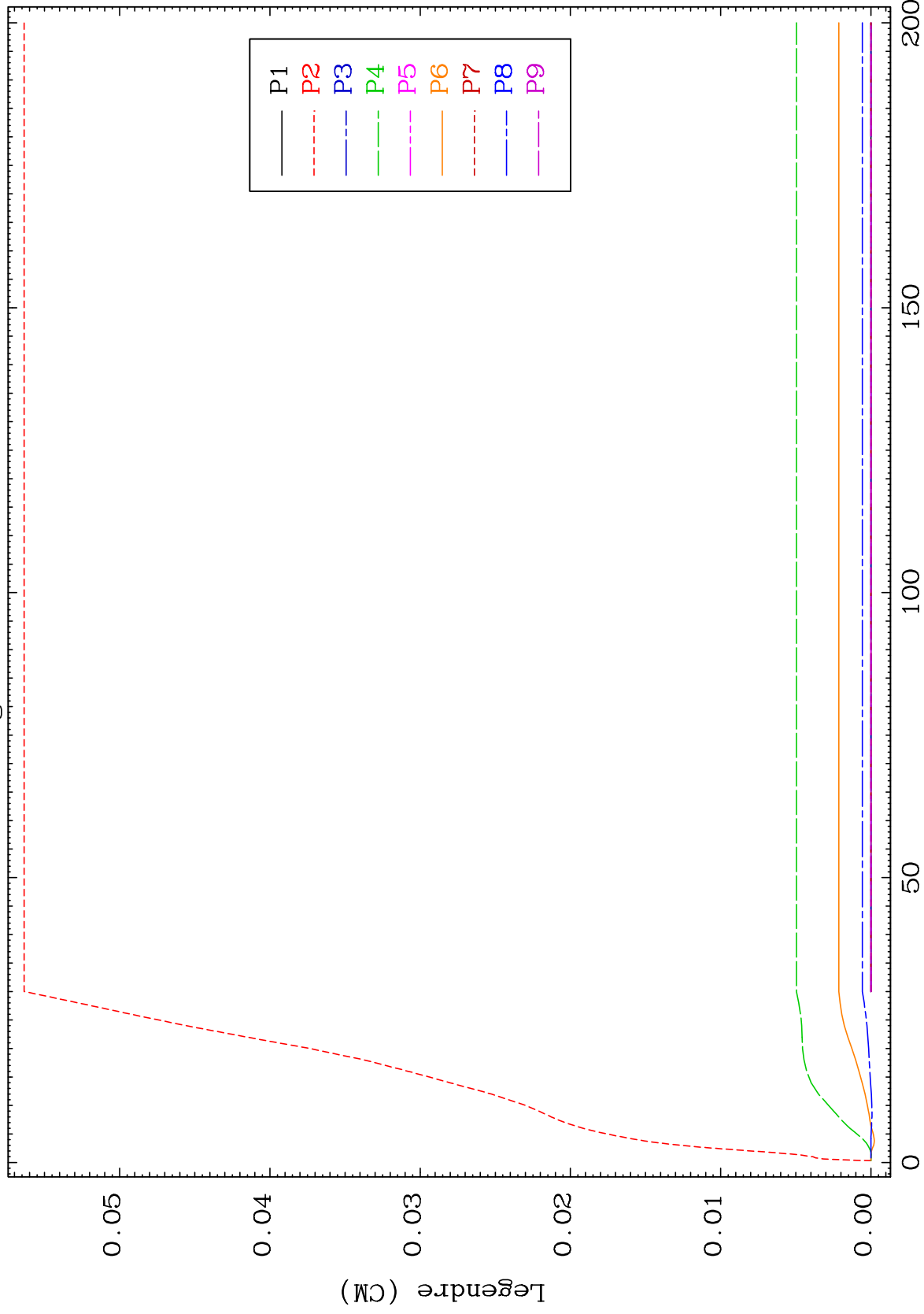
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



48

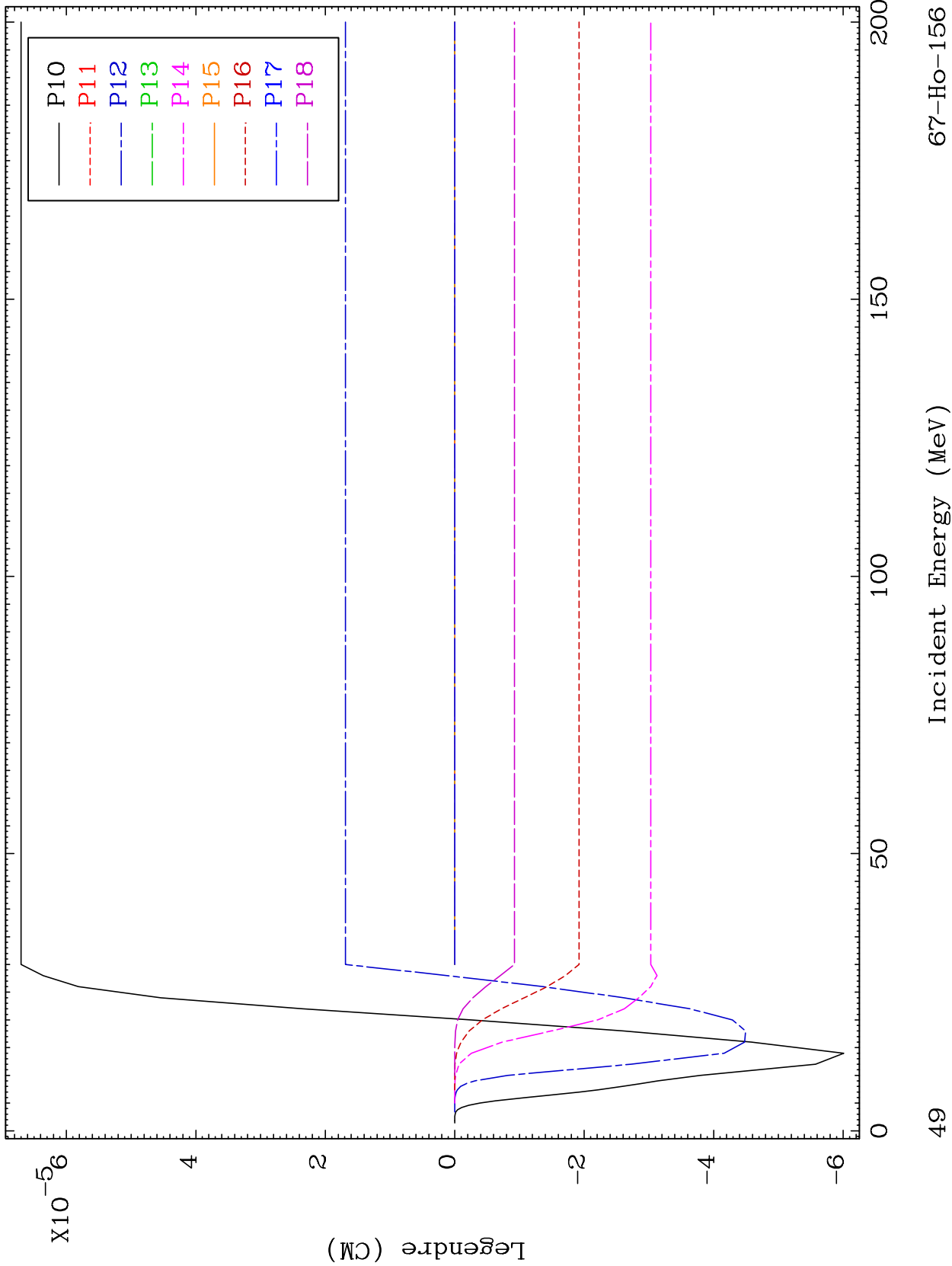
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

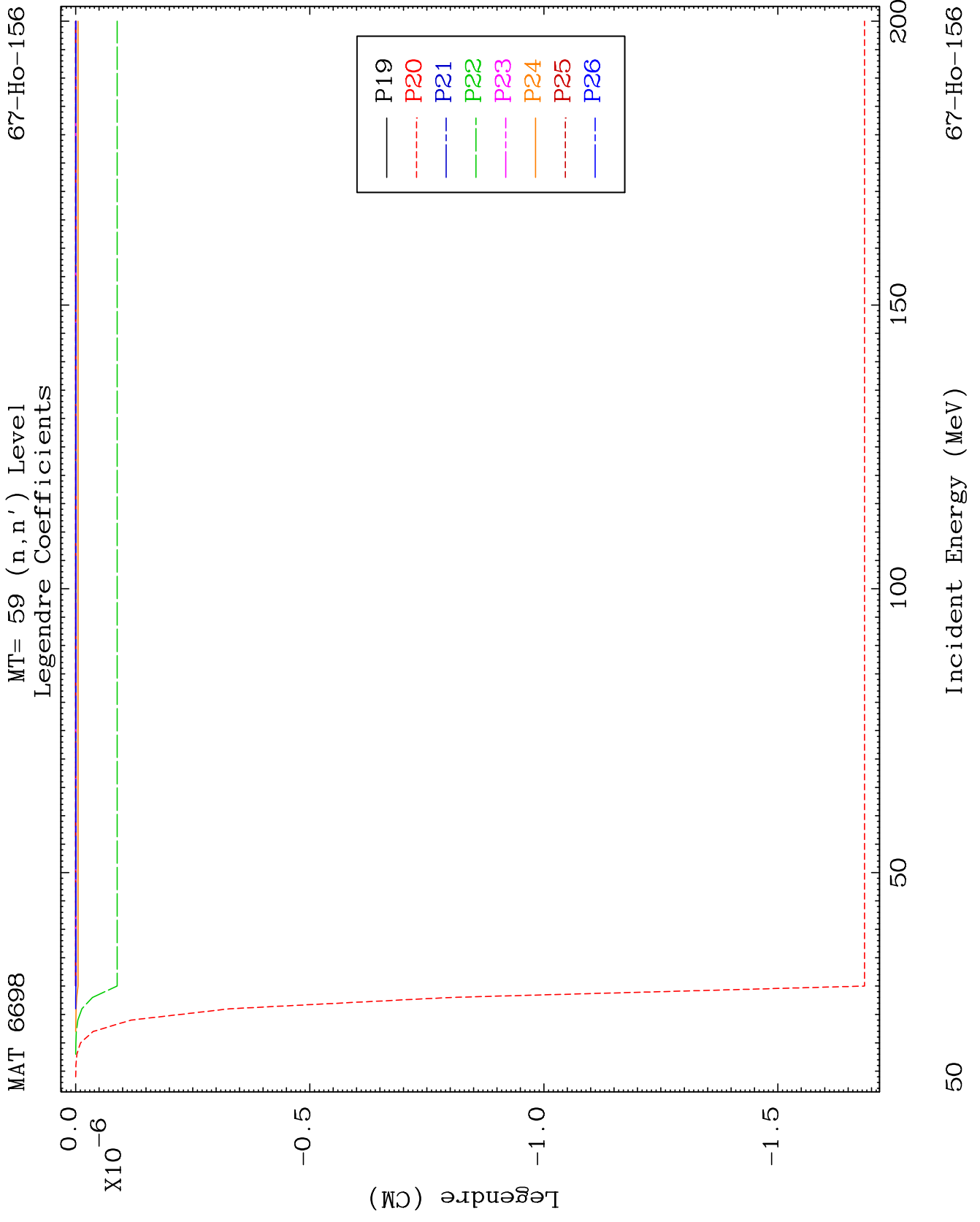
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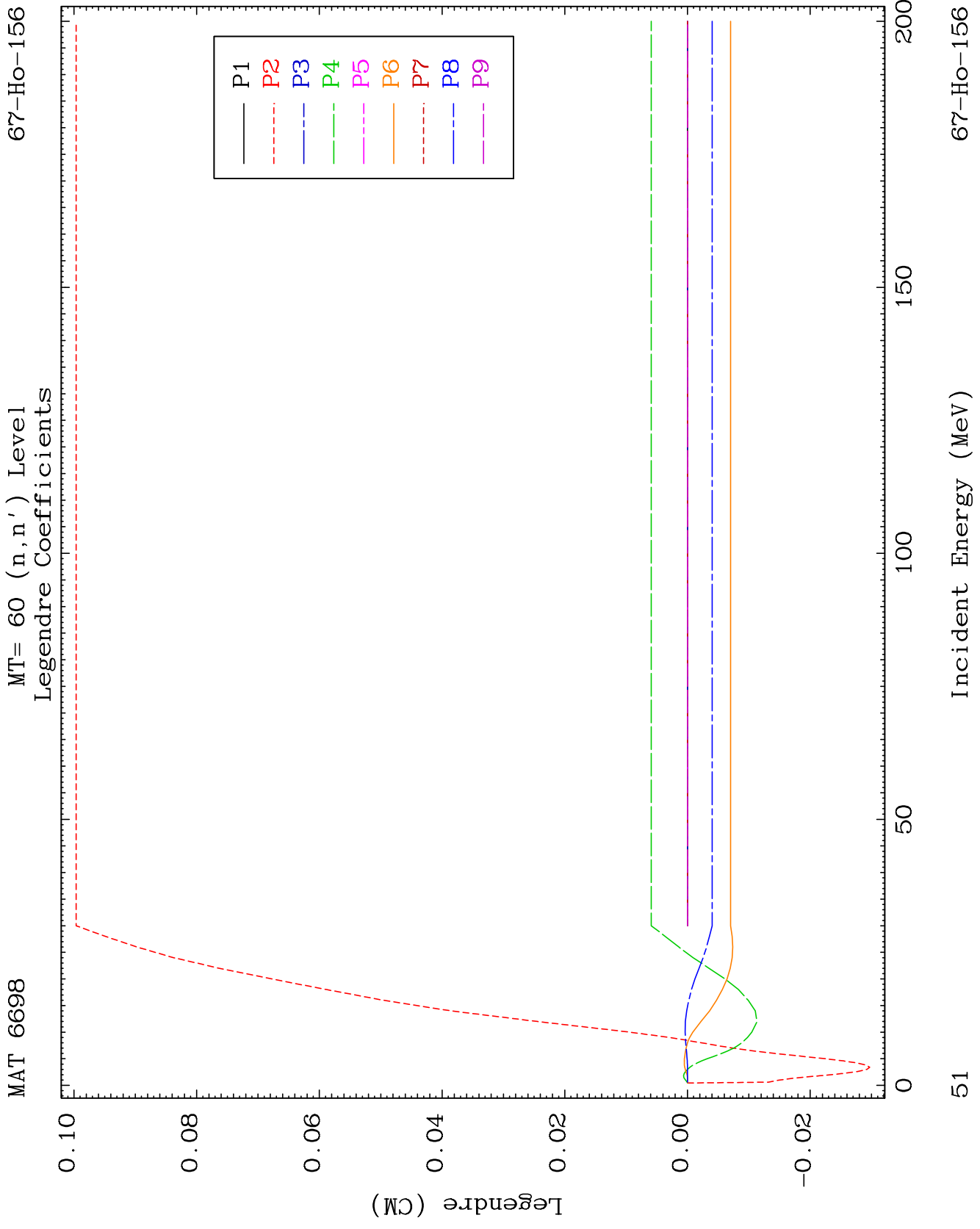


49

Incident Energy (MeV)

67-Ho-156

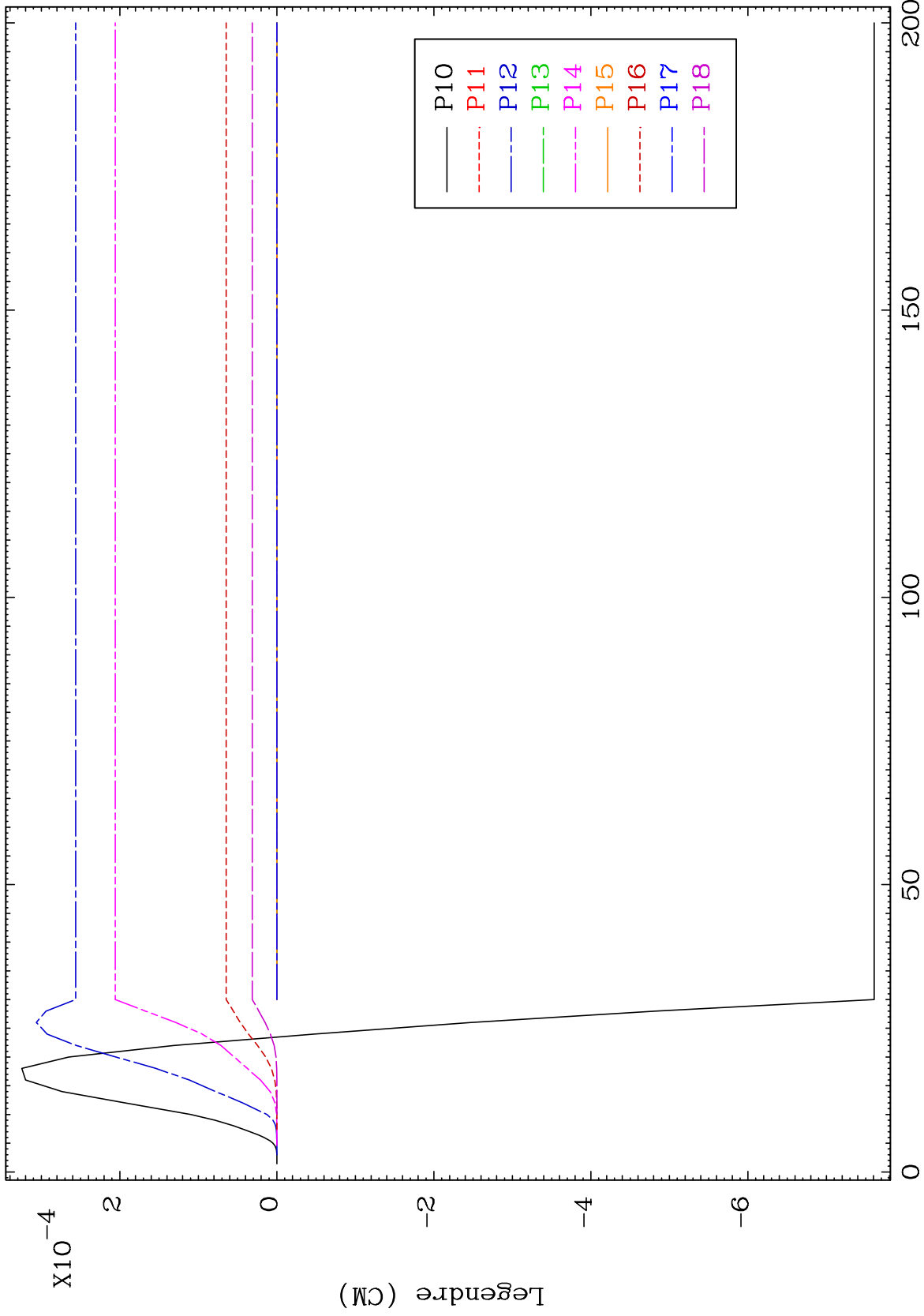




MAT 6698

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

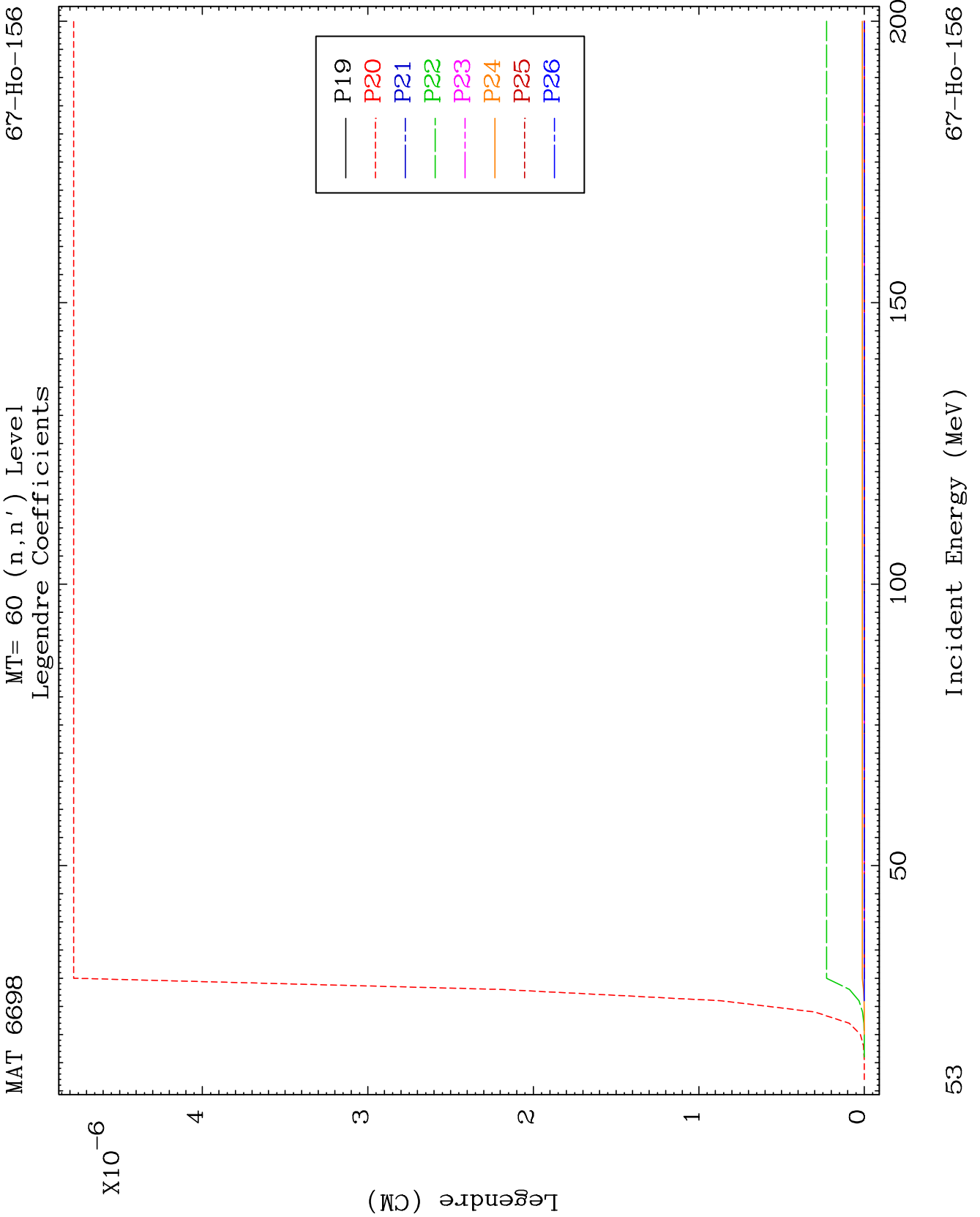
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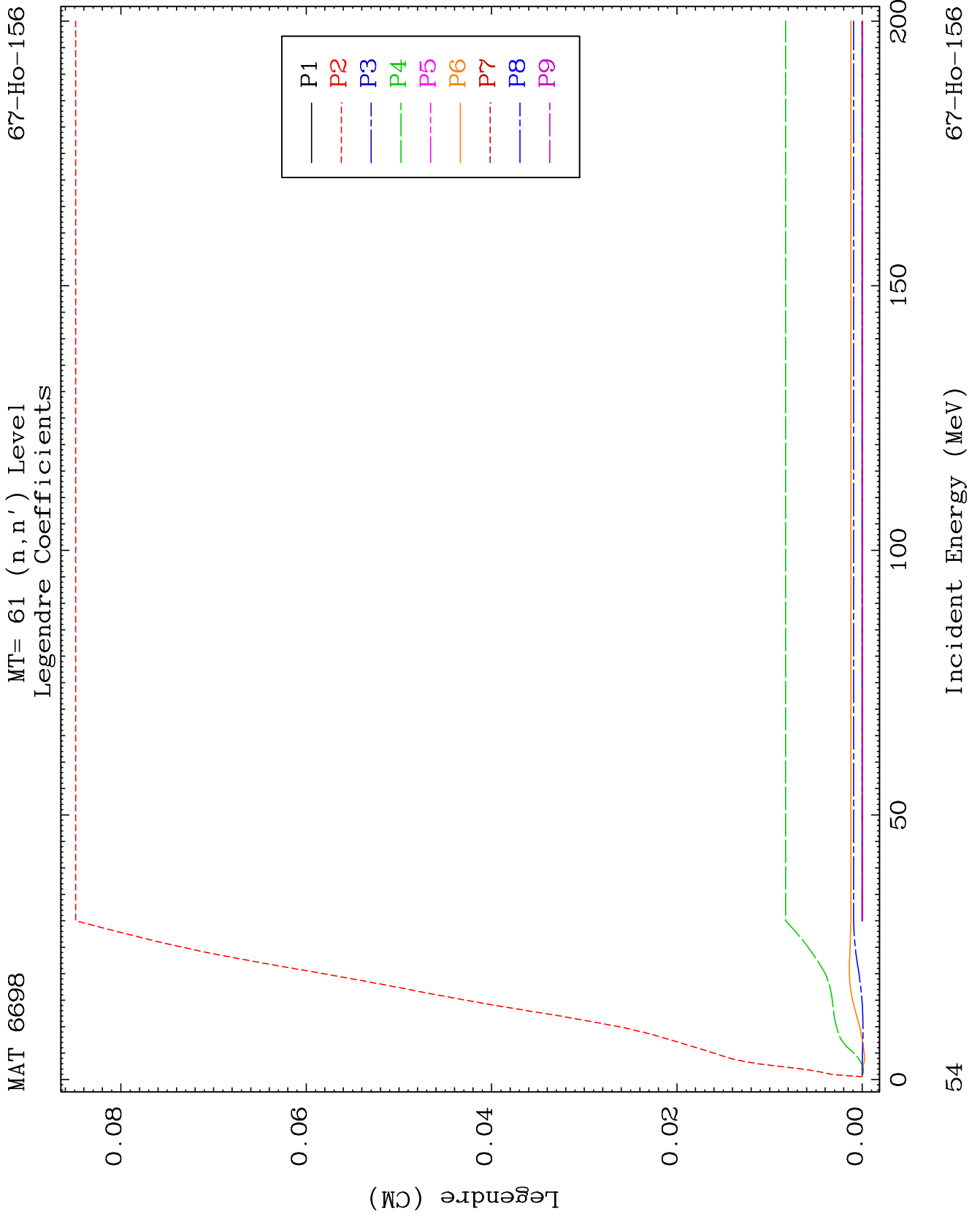


52

Incident Energy (MeV)

67-Ho-156

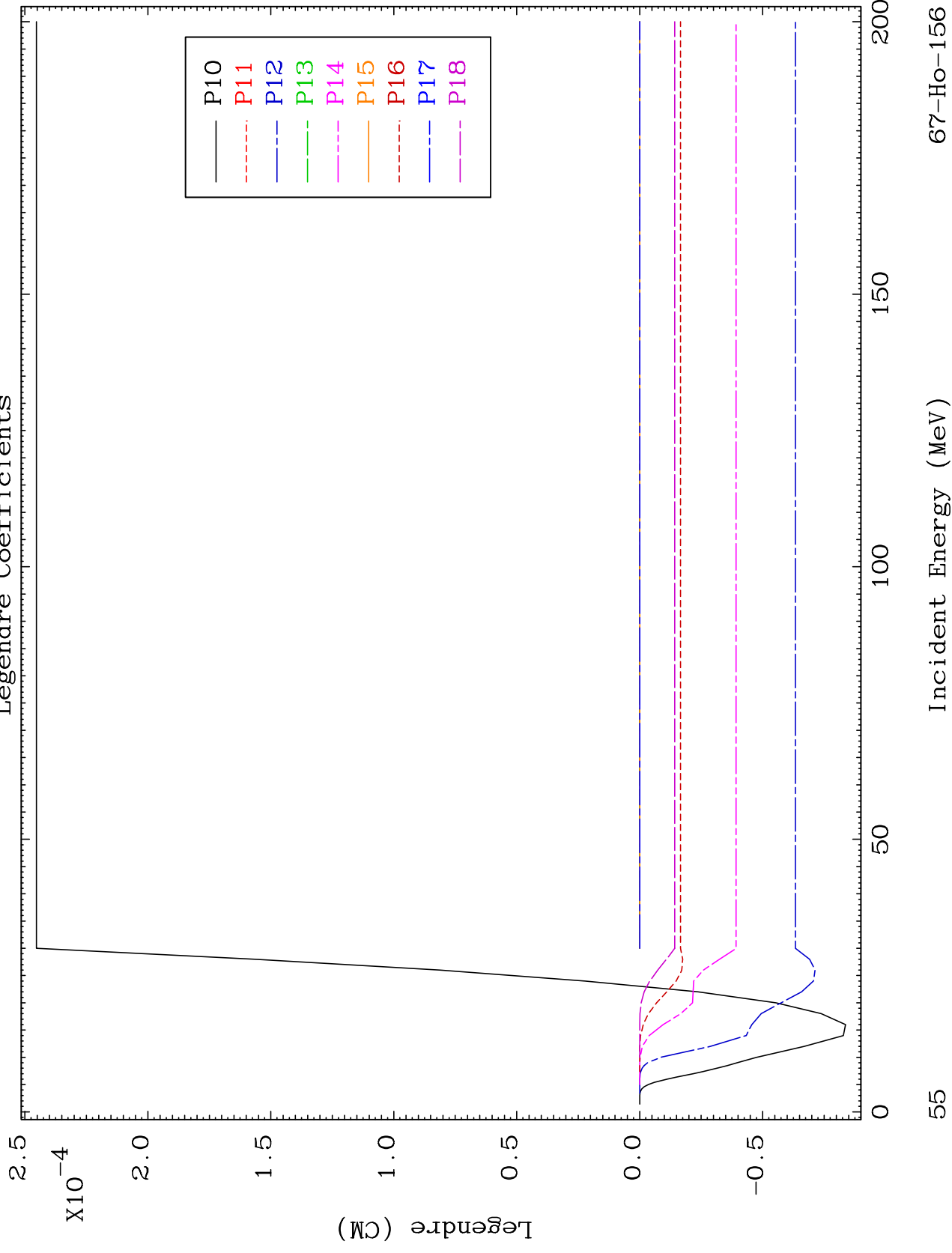




MAT 6698

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

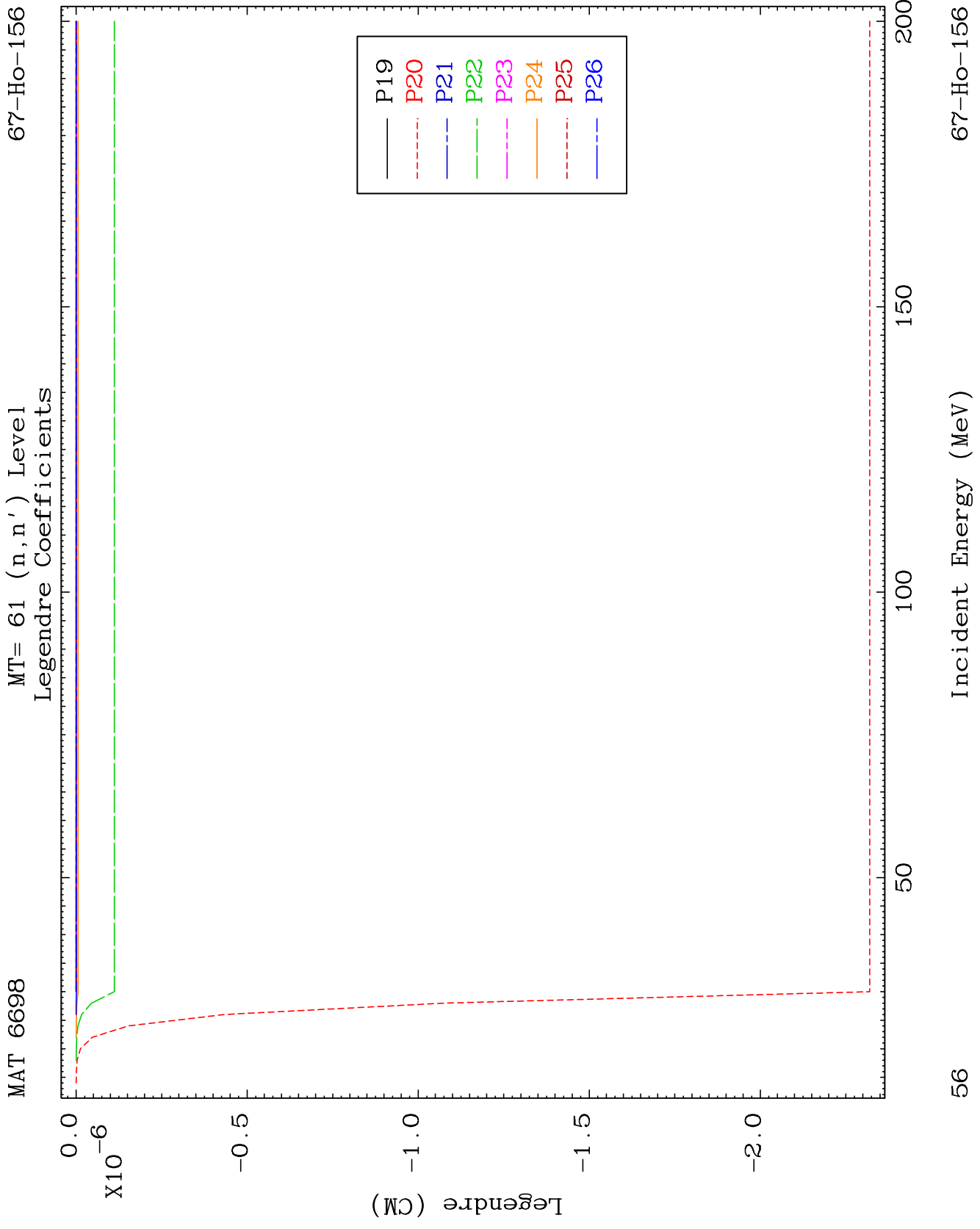
67-Ho-156



67-Ho-156

Incident Energy (MeV)

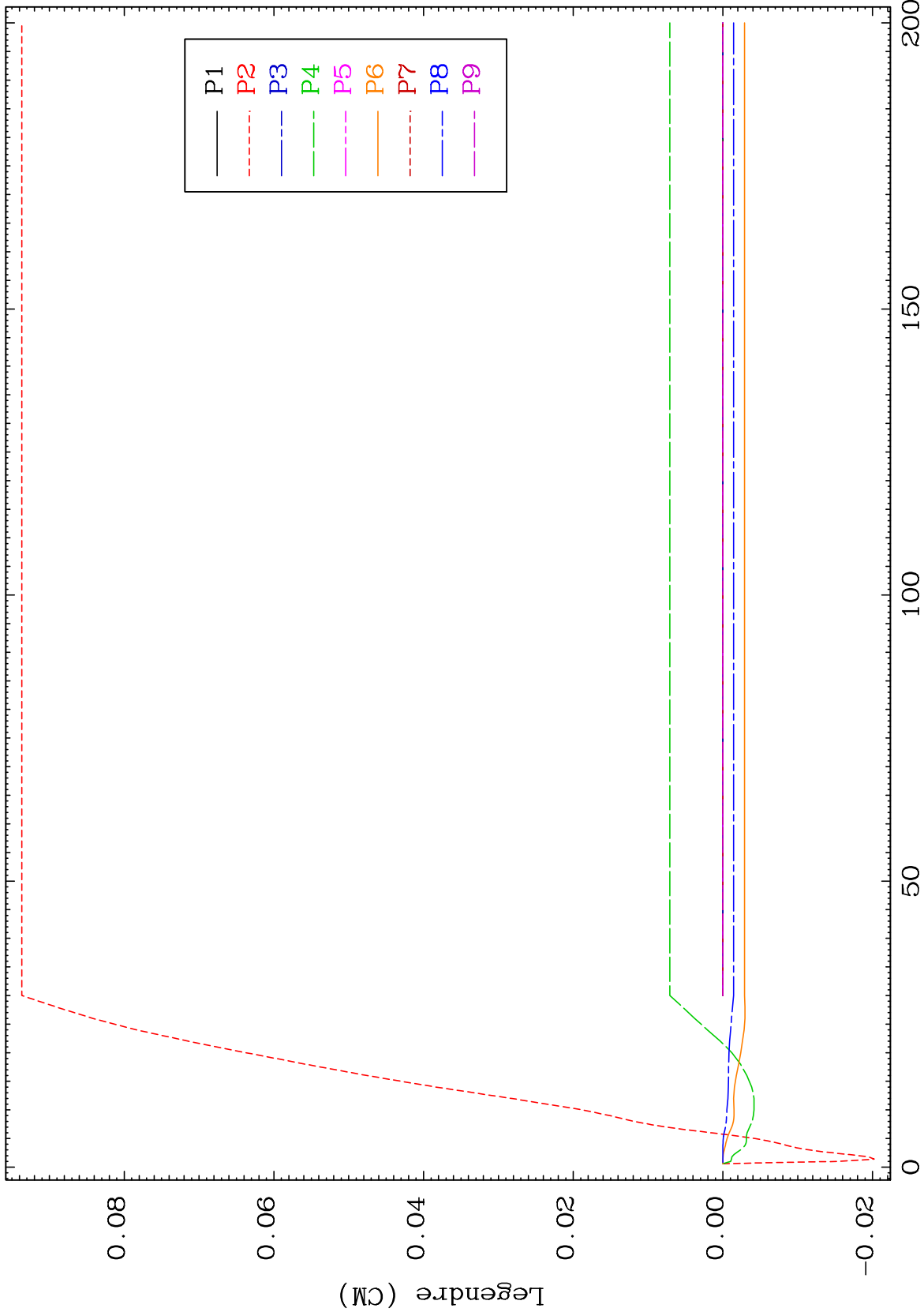
55



MAT 6698

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

67-Ho-156



57

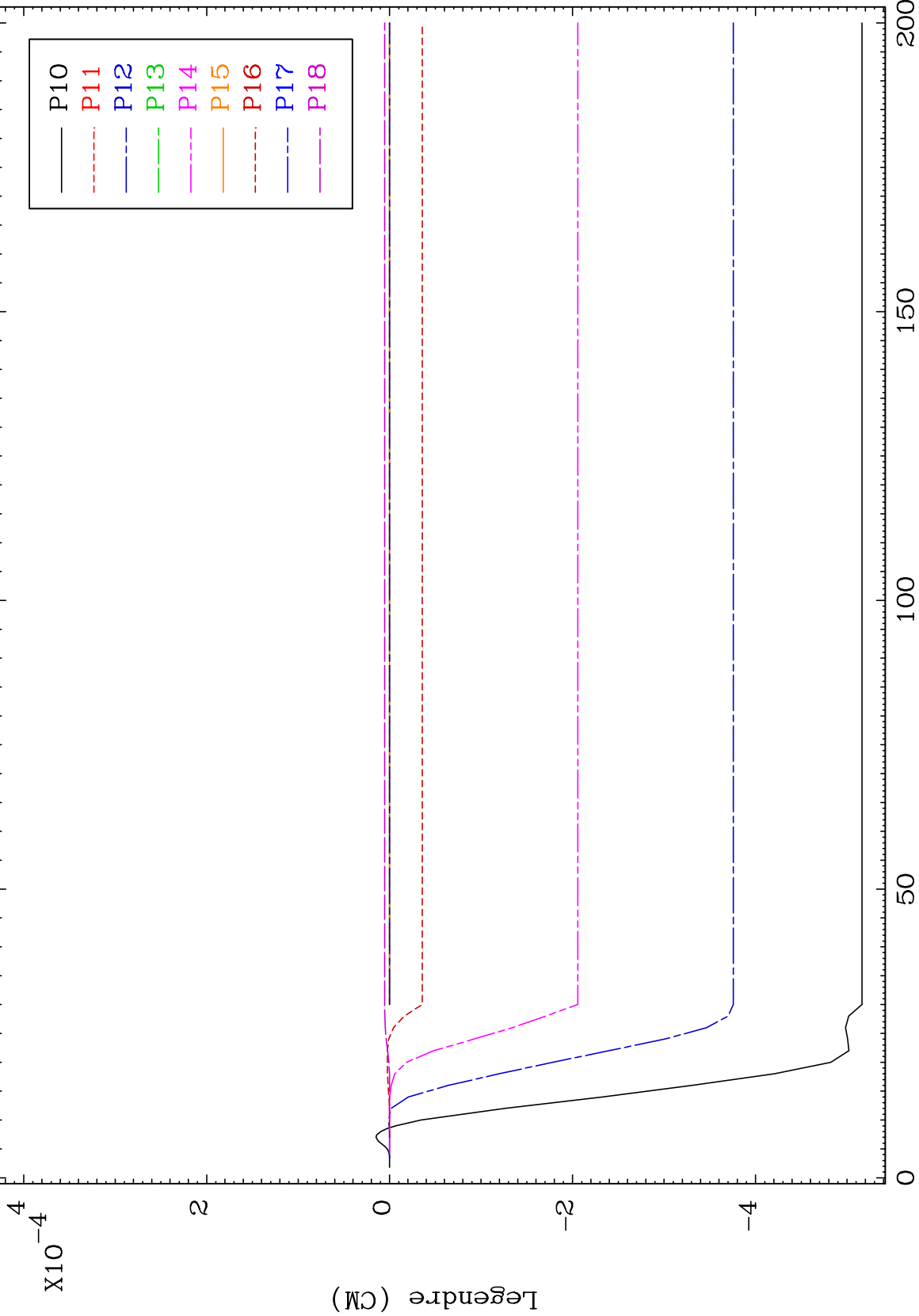
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

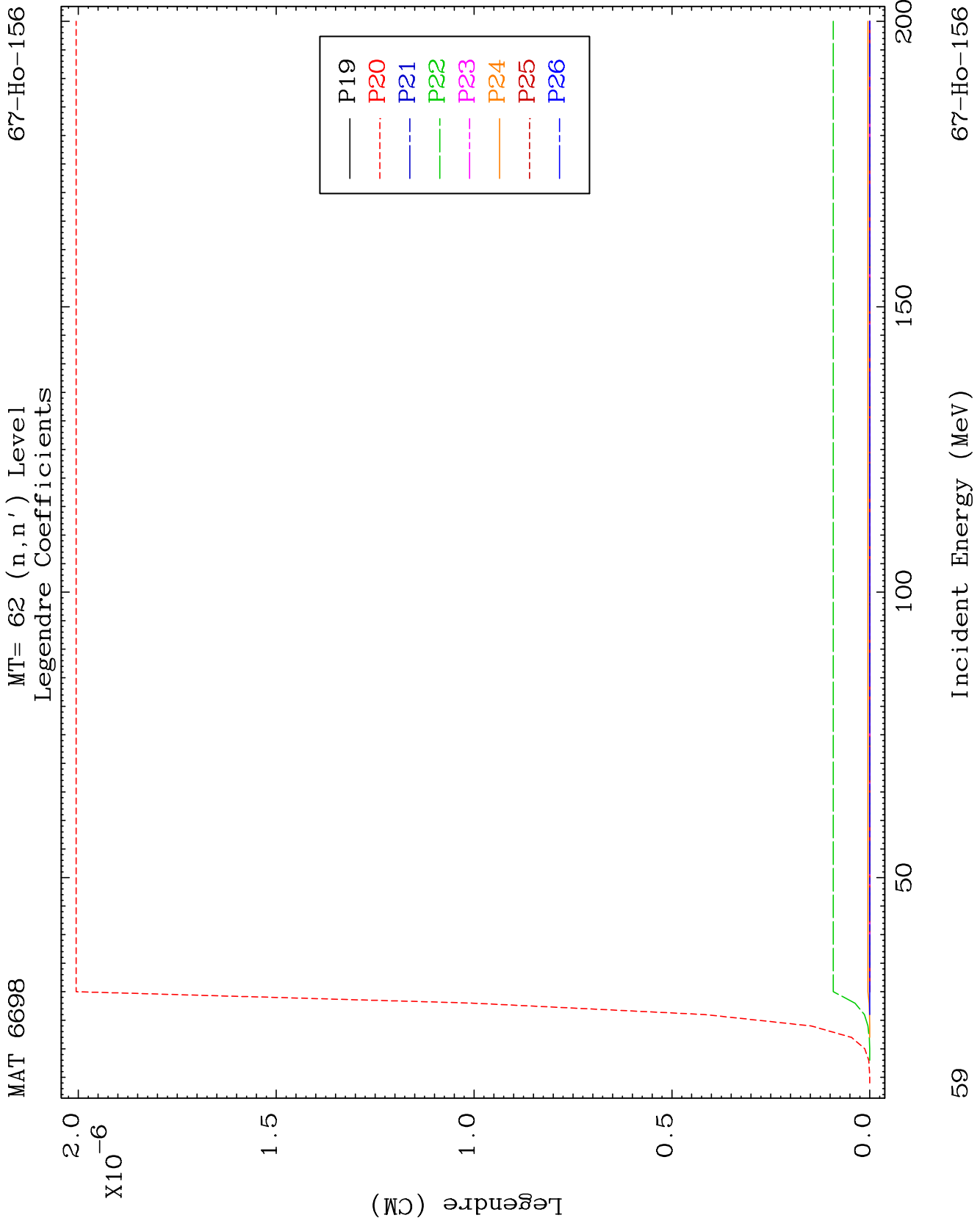
67-Ho-156



58

Incident Energy (MeV)

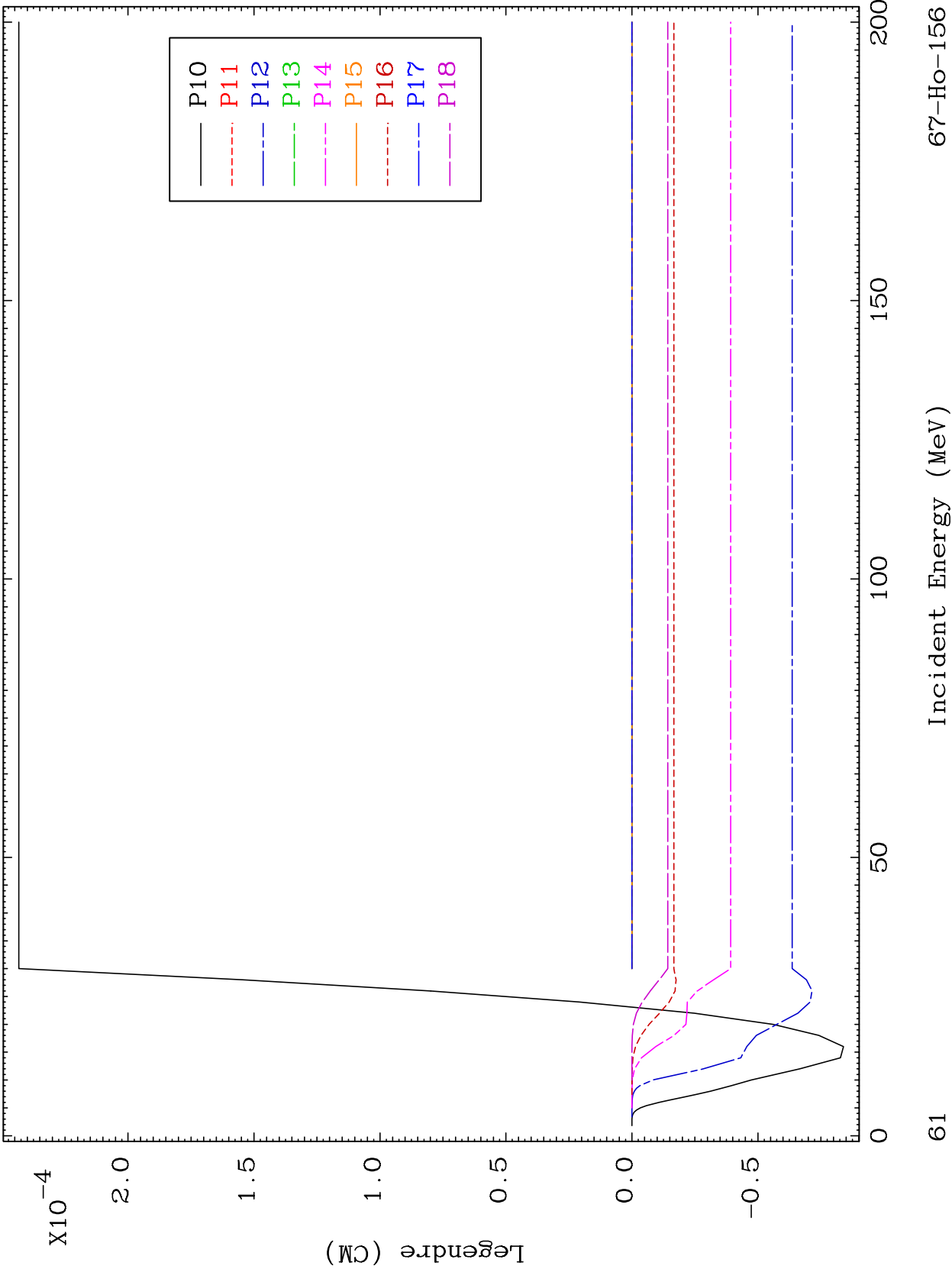
67-Ho-156



MAT 6698

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

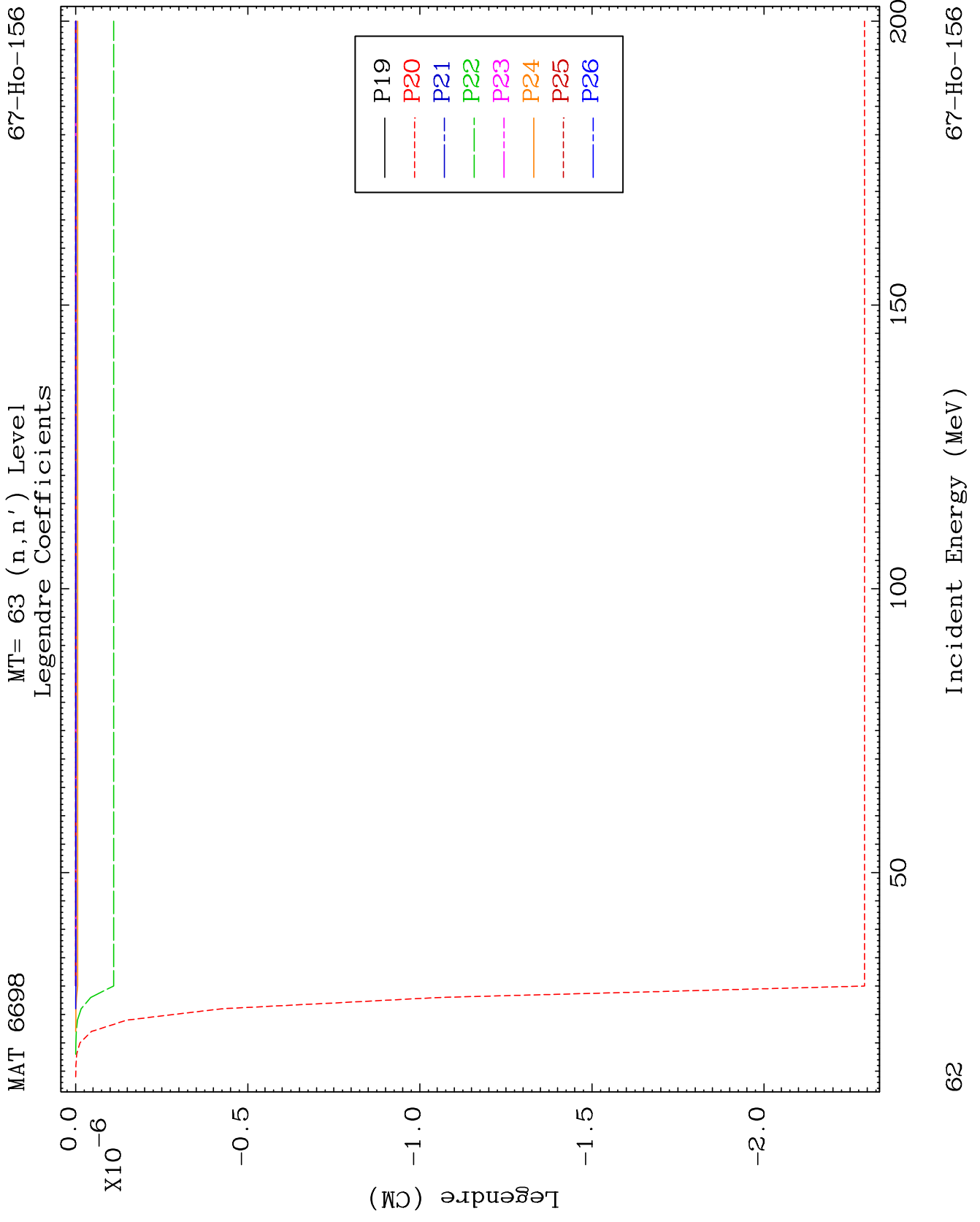
67-Ho-156



67-Ho-156

Incident Energy (MeV)

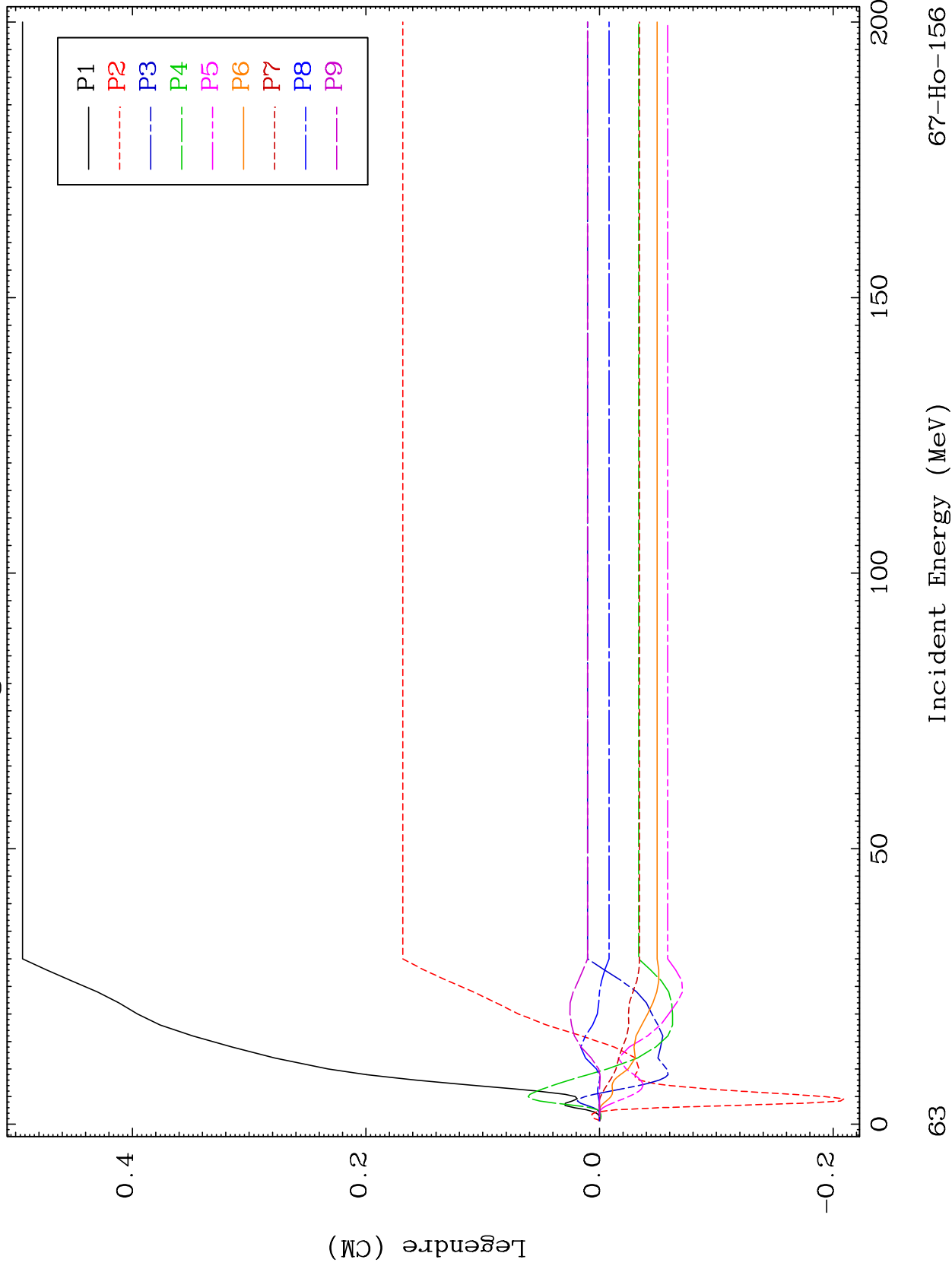
61



MAT 6698

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

67-Ho-156



67-Ho-156

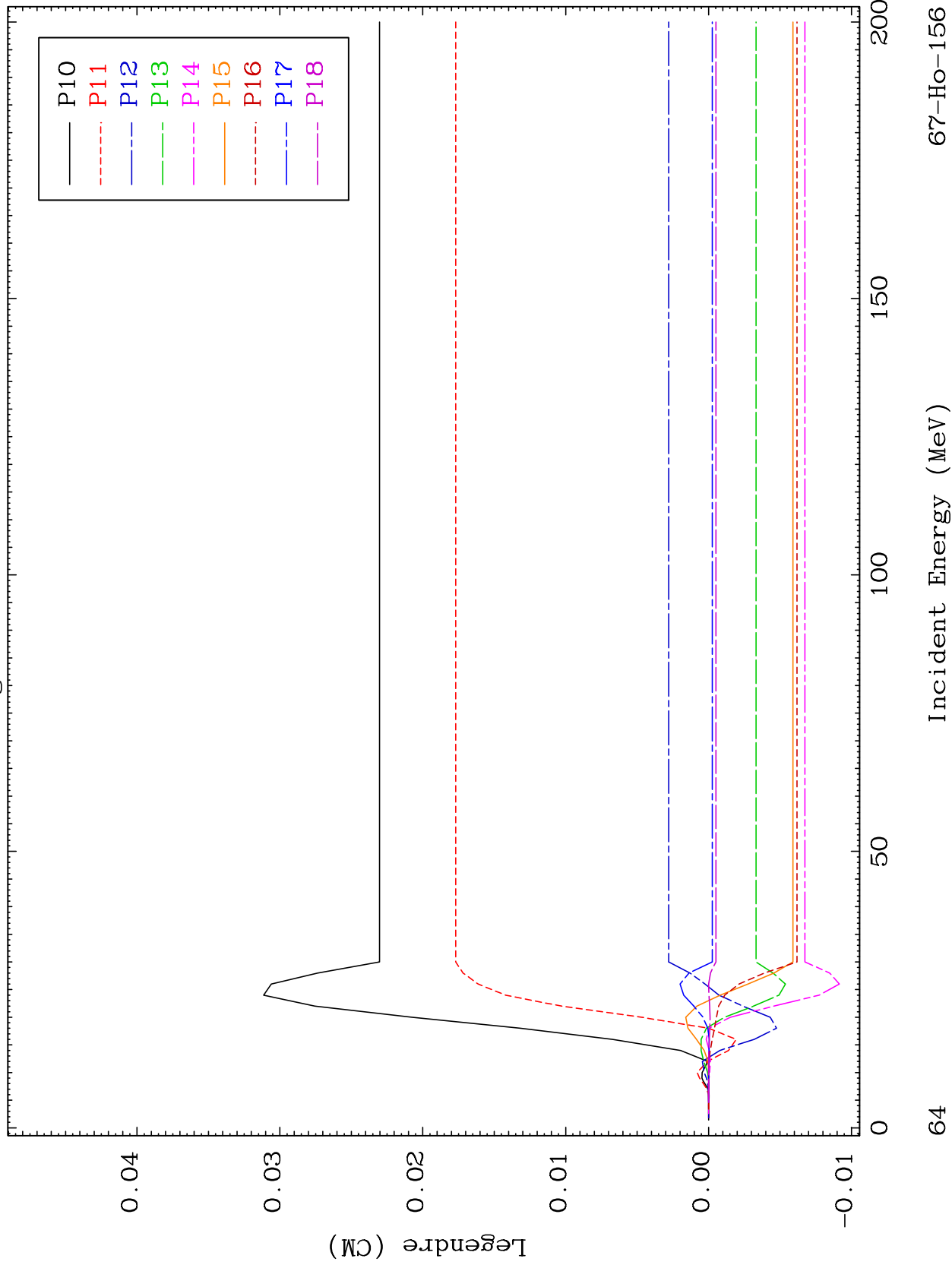
Incident Energy (MeV)

63

MAT 6698

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

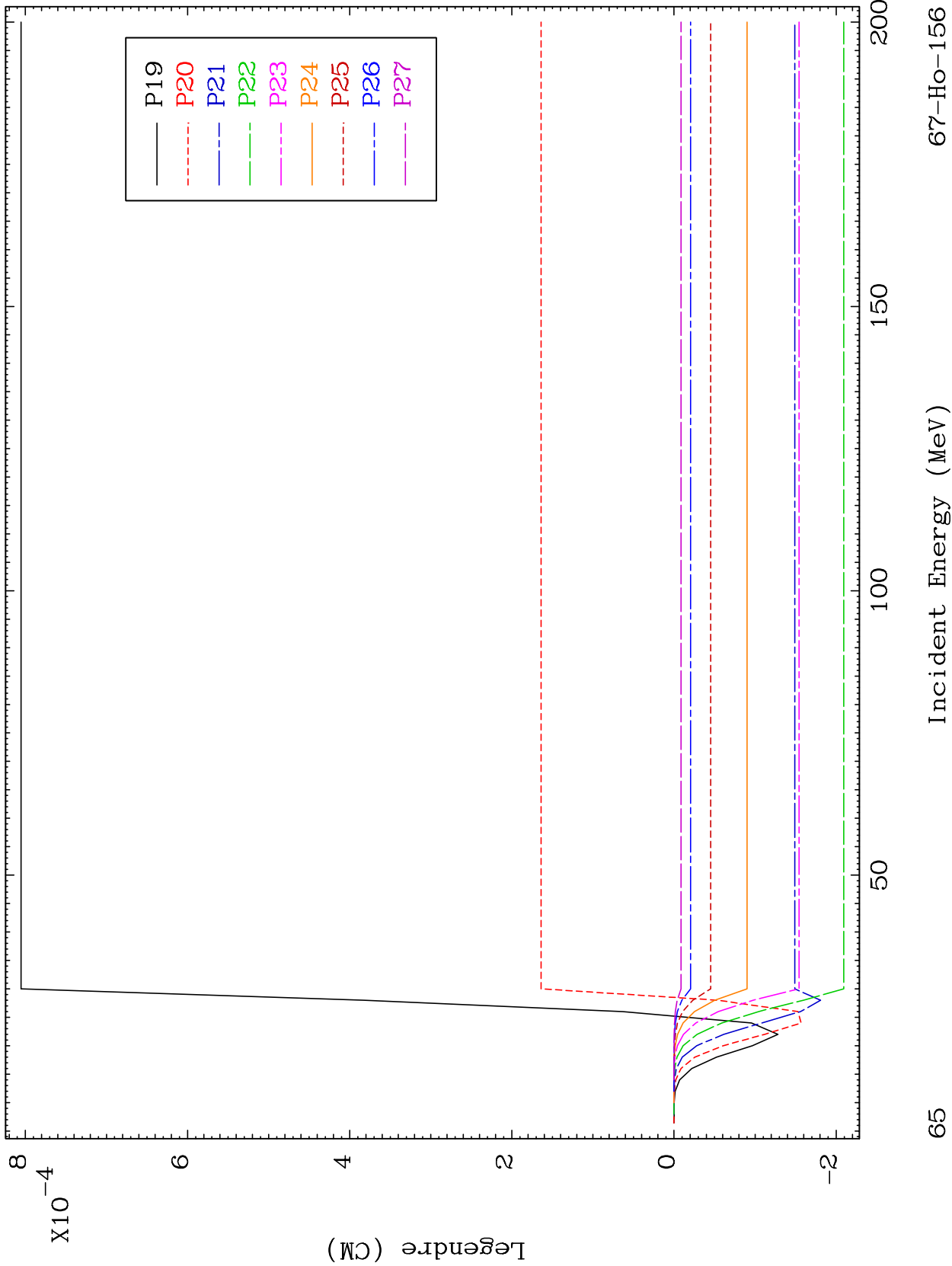
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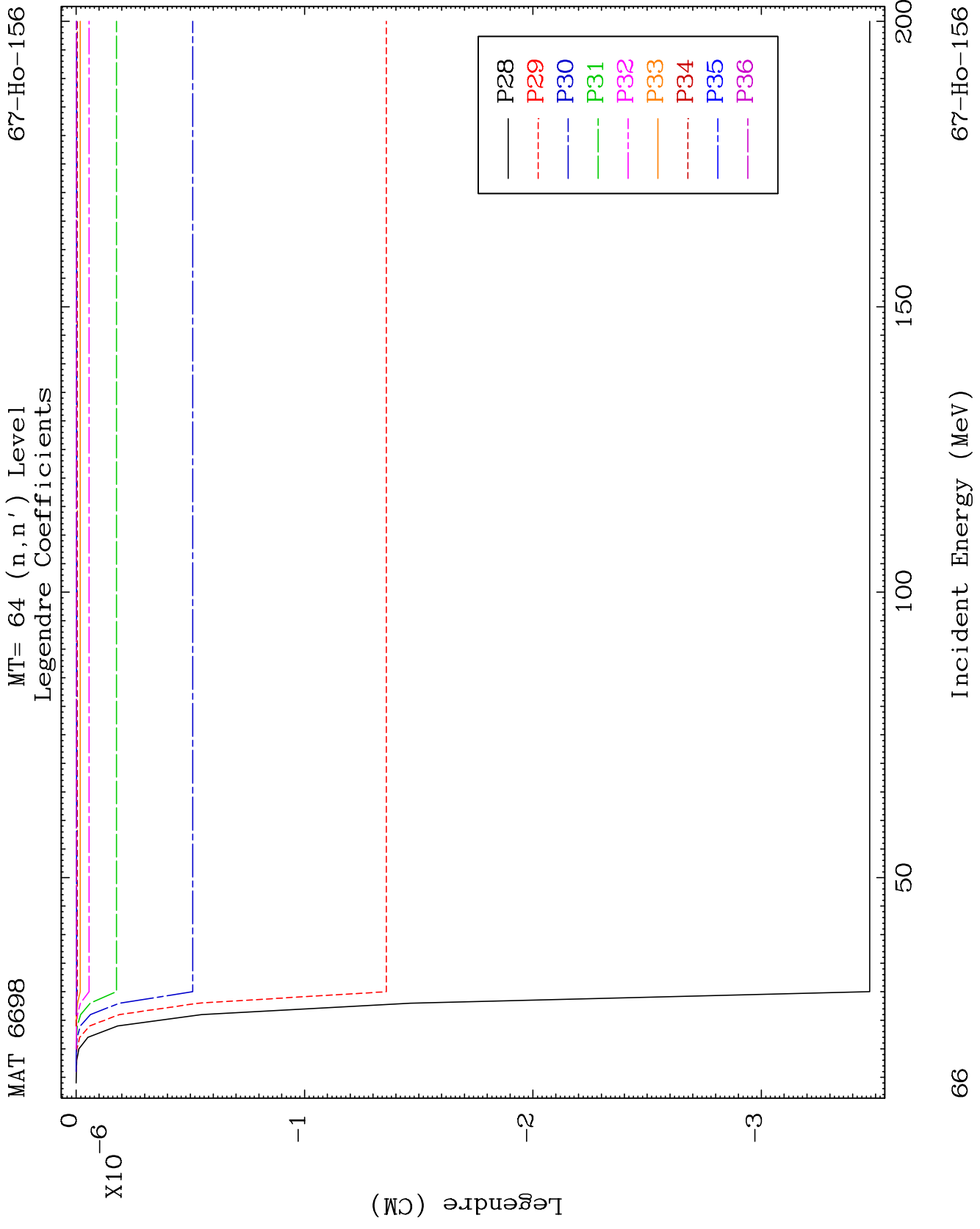


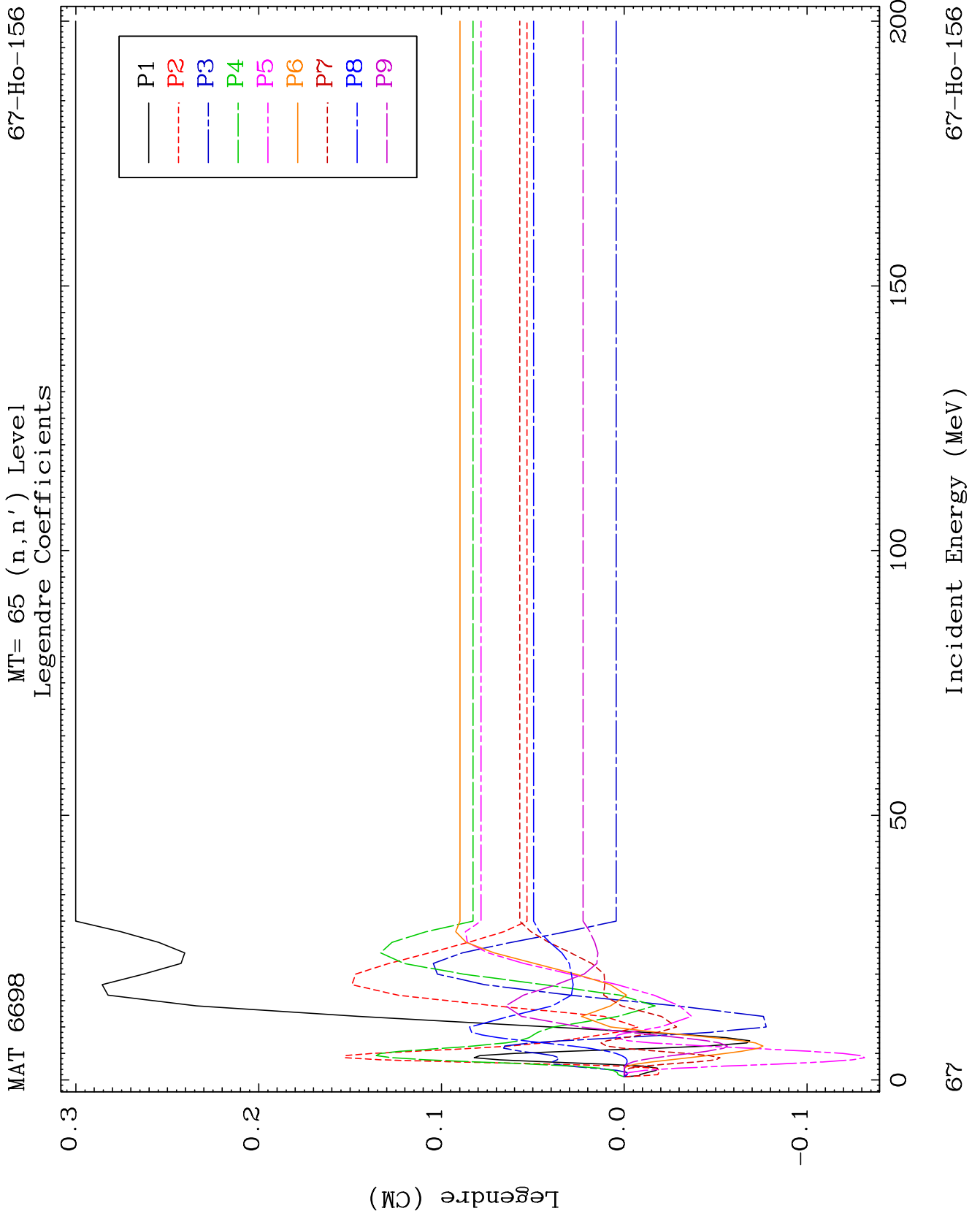
67-Ho-156

Incident Energy (MeV)

64



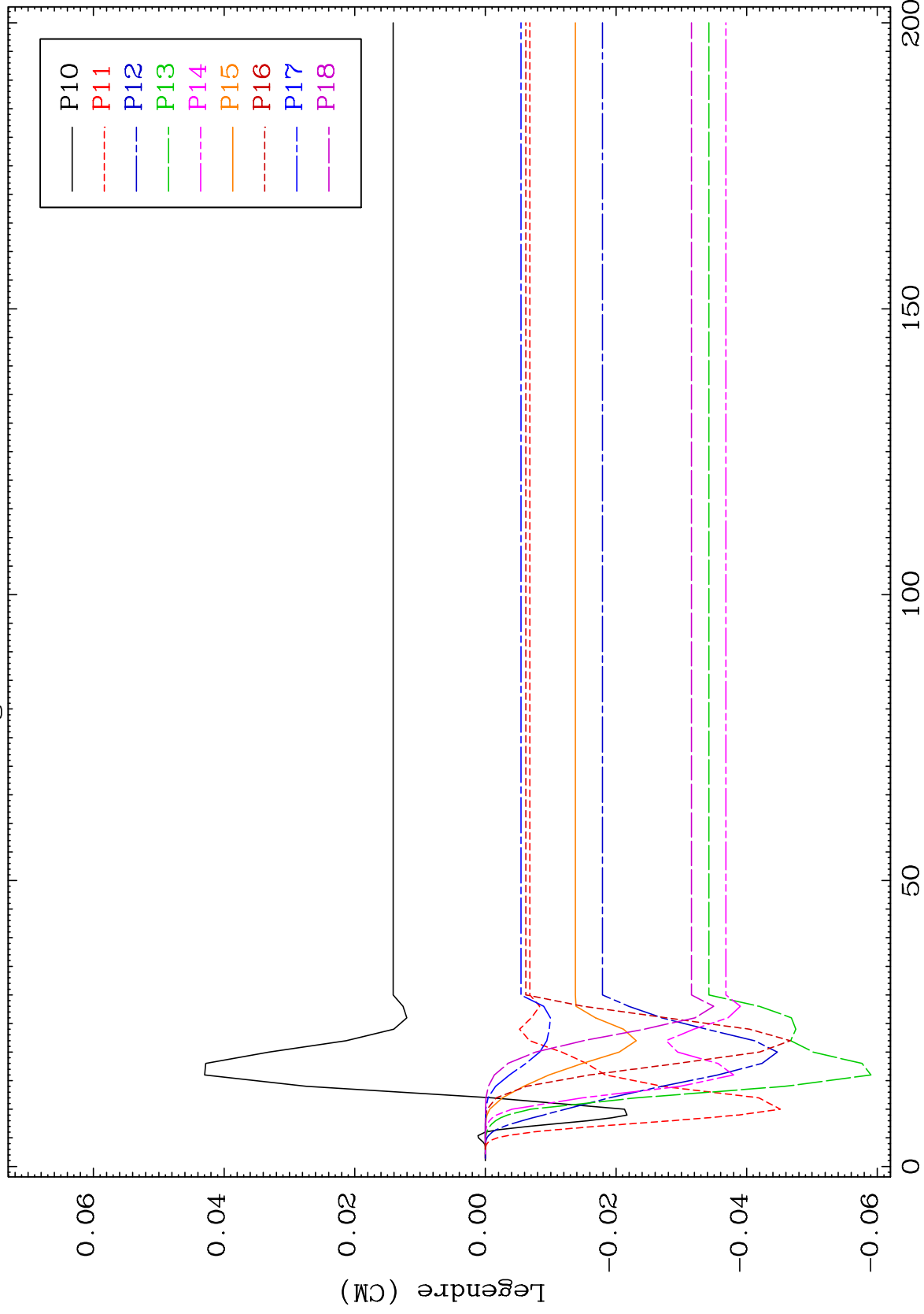




MAT 6698

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

67-Ho-156



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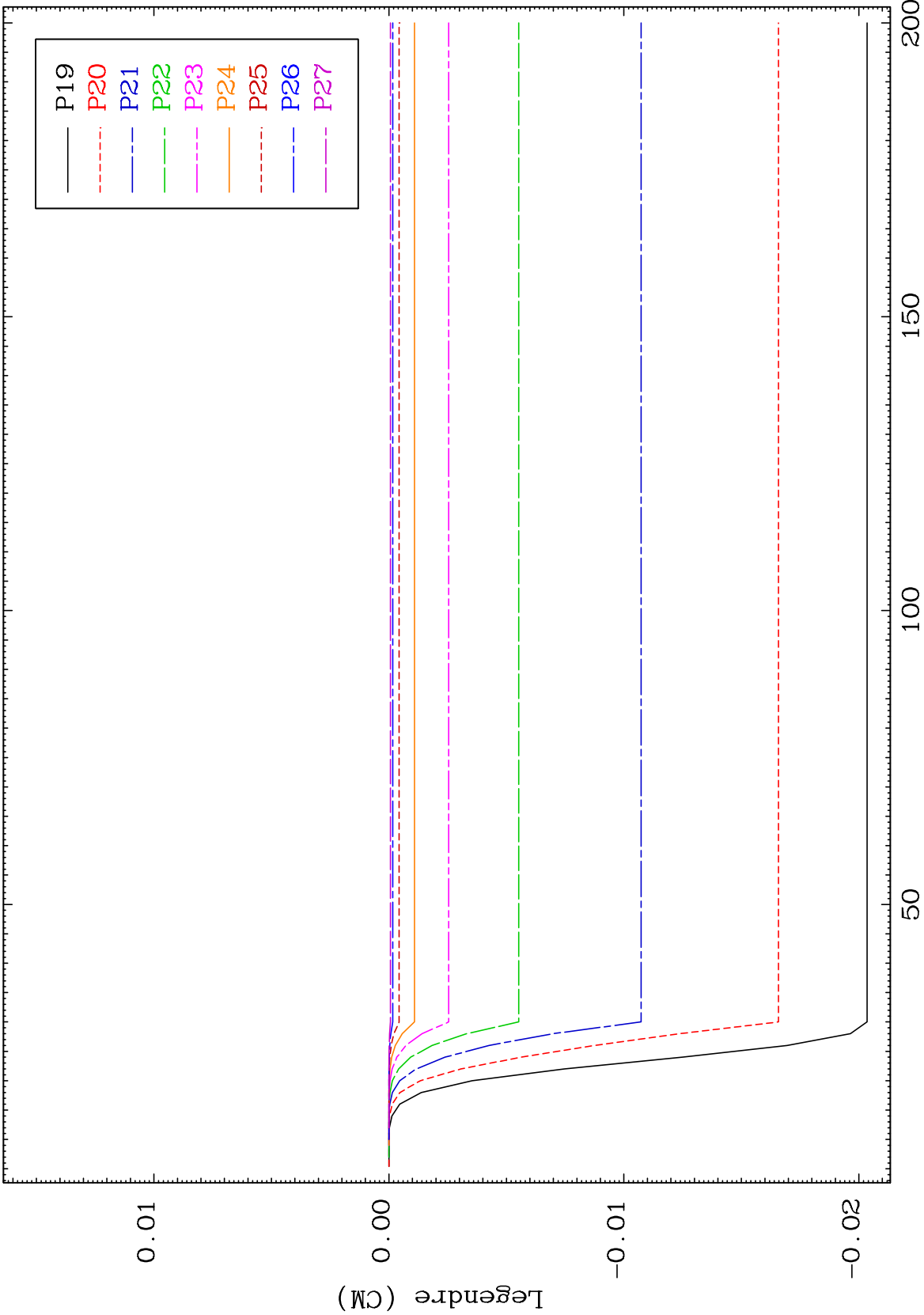
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

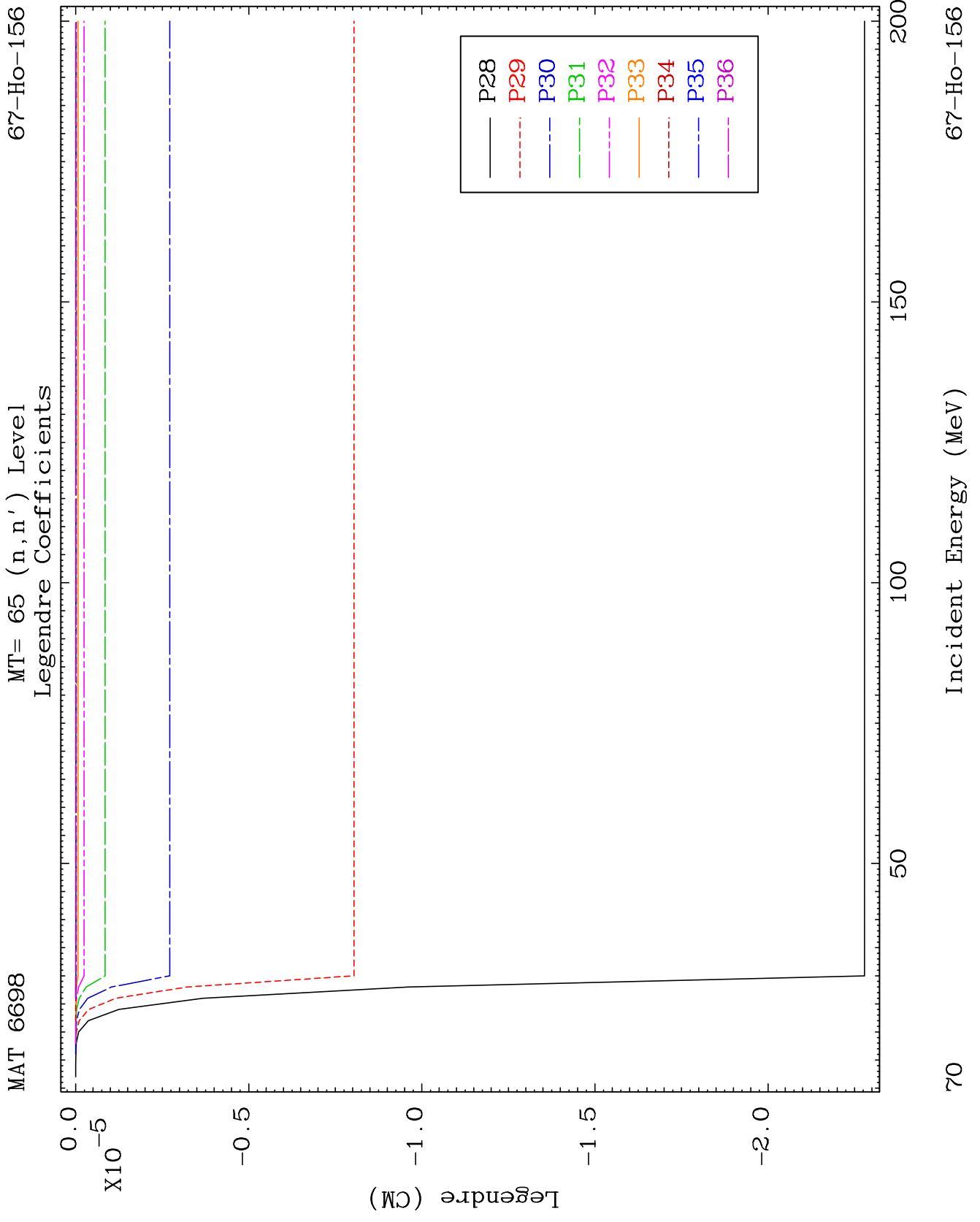
67-Ho-156



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Incident Energy (MeV)

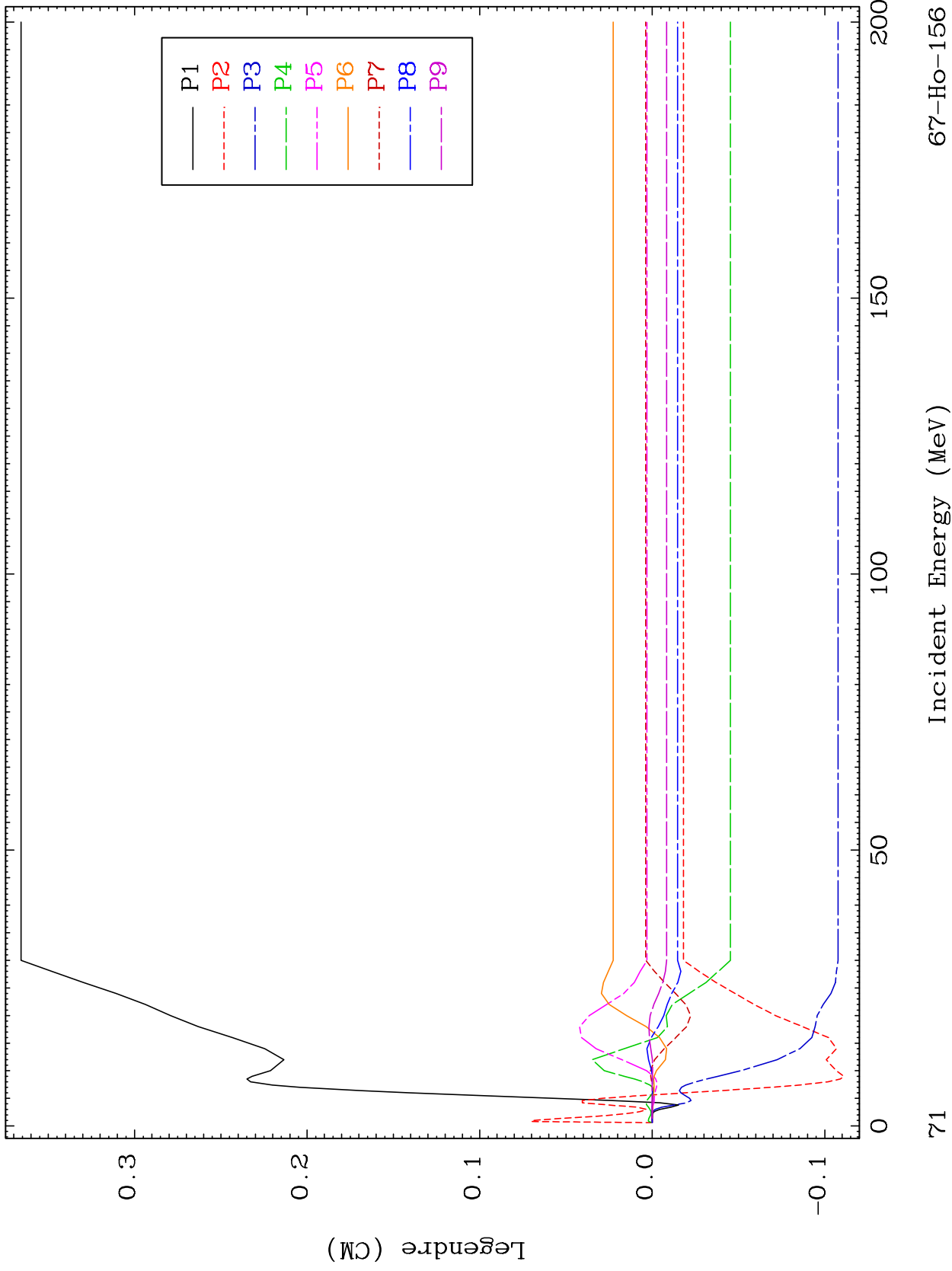
67-Ho-156



MAT 6698

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

67-Ho-156



67-Ho-156

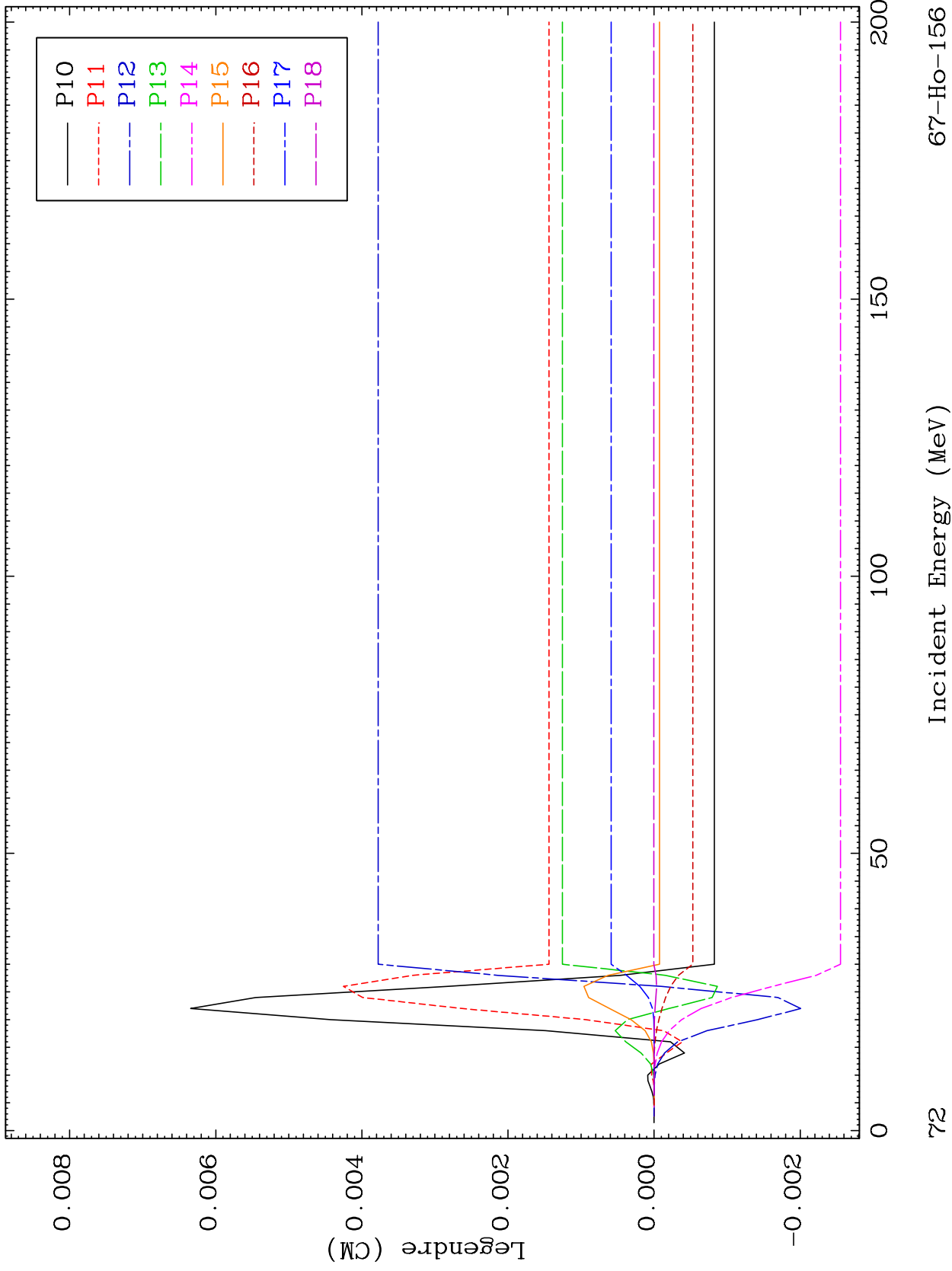
Incident Energy (MeV)

71

MAT 6698

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

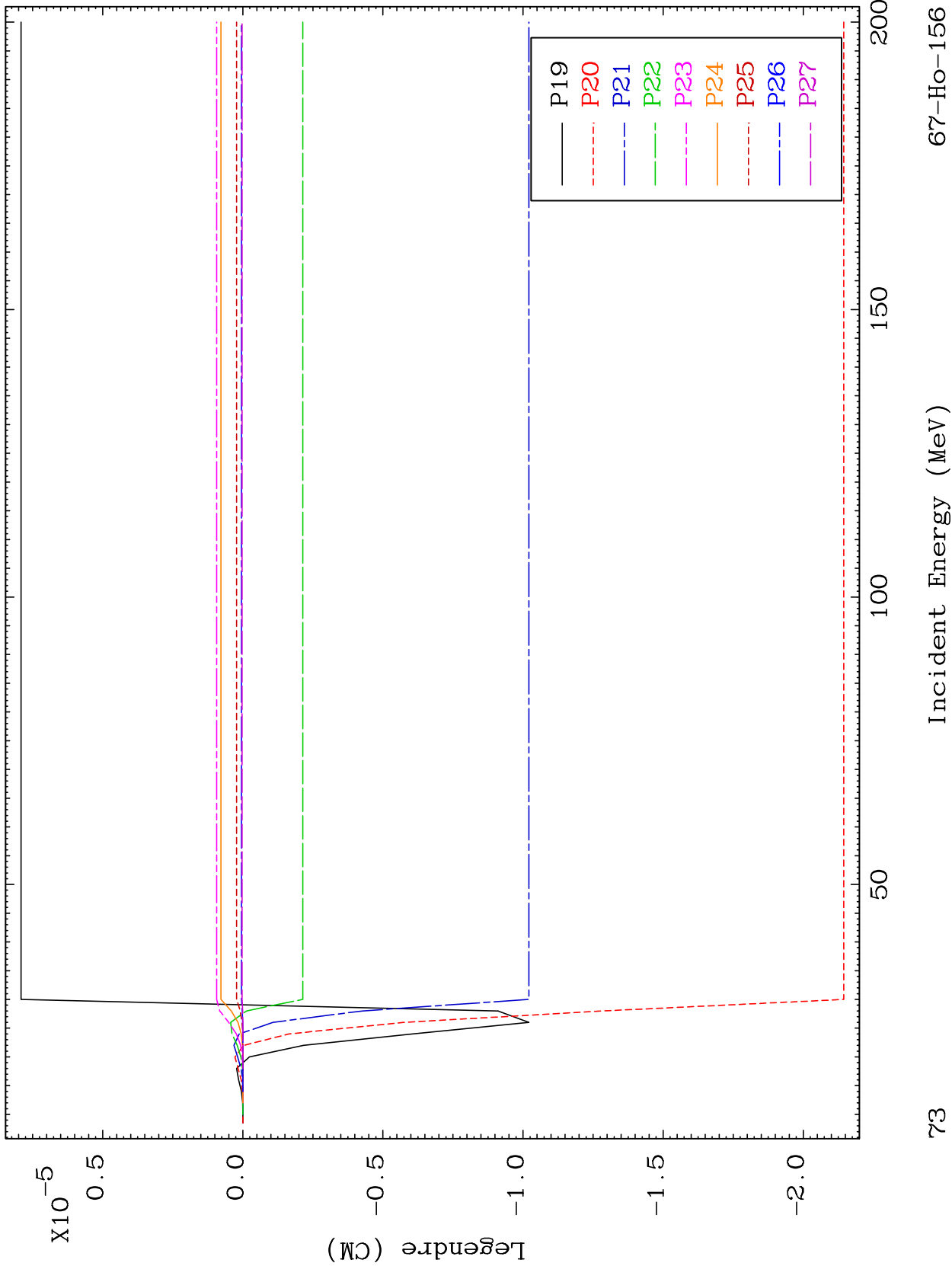
67-Ho-156



67-Ho-156

Incident Energy (MeV)

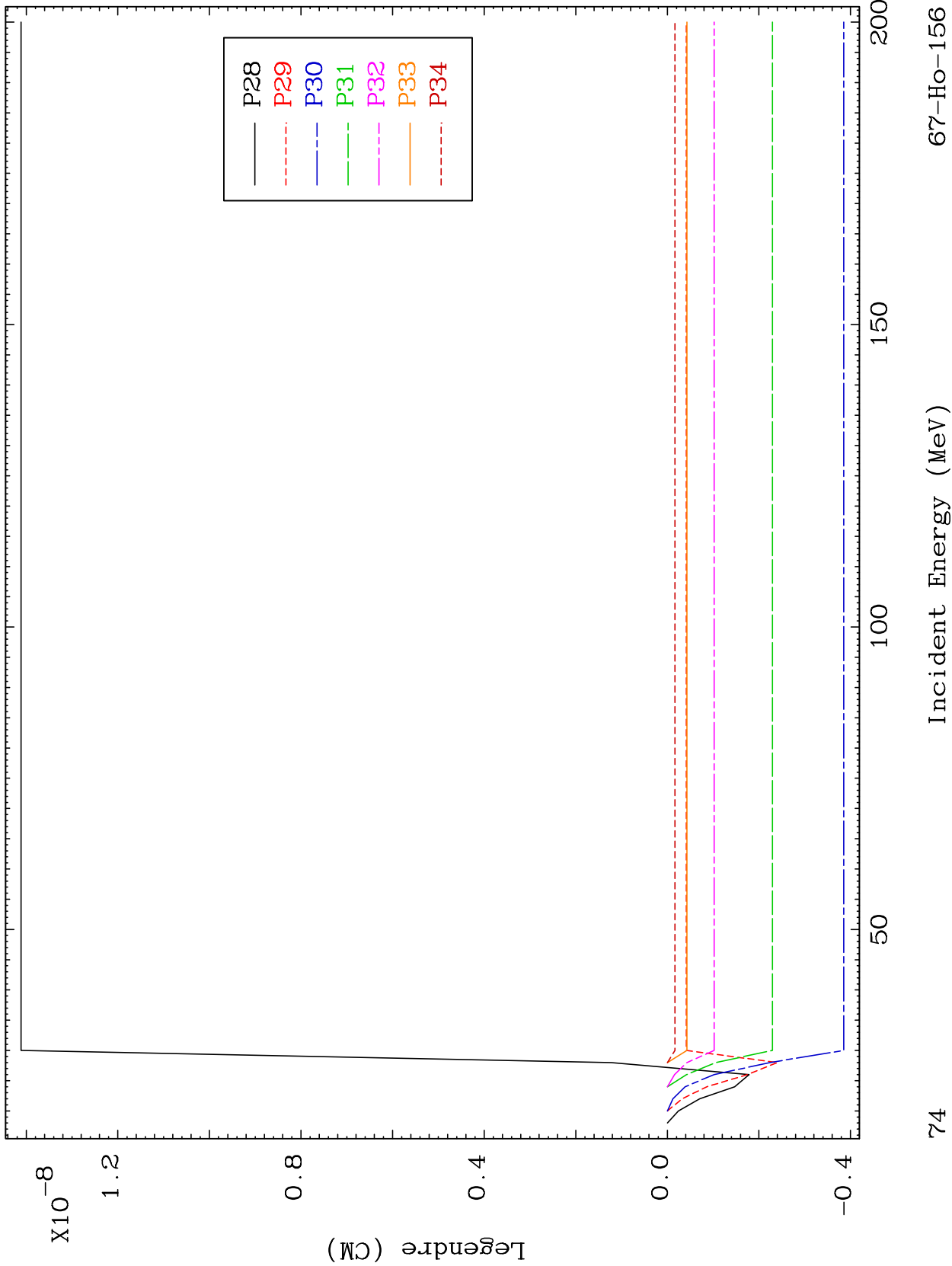
72



MAT 6698

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

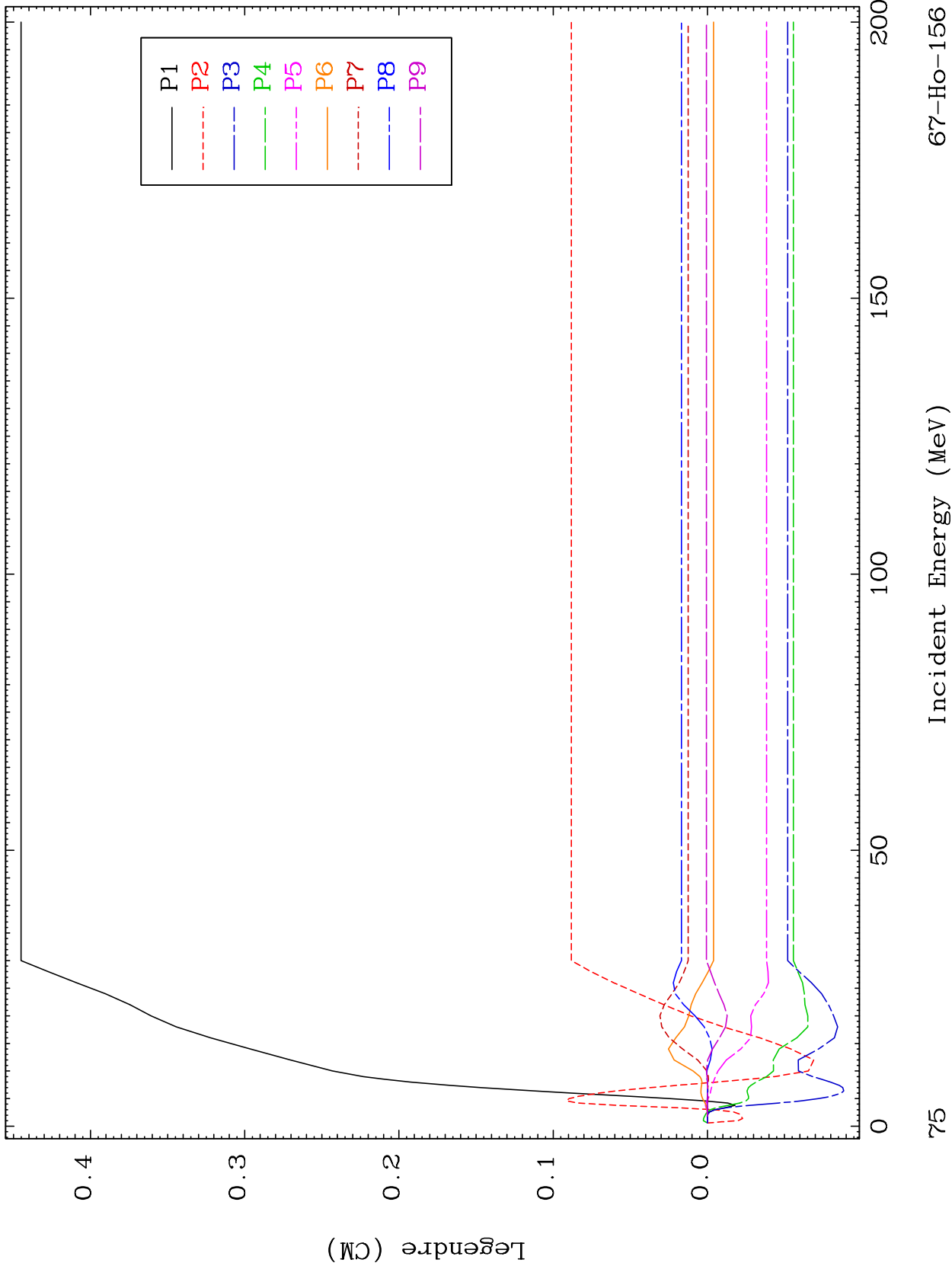
67-Ho-156



MAT 6698

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

67-Ho-156



67-Ho-156

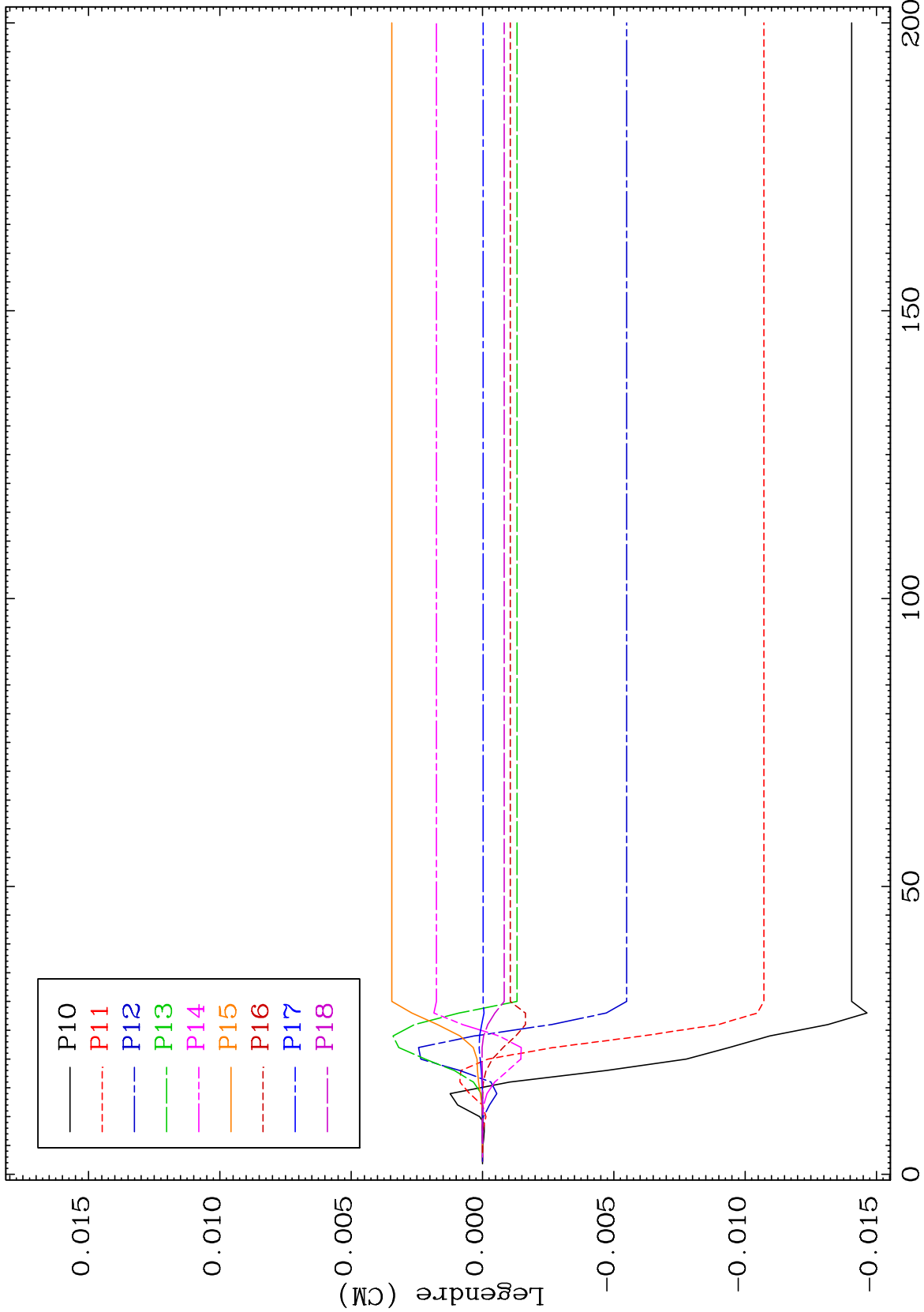
Incident Energy (MeV)

75

MAT 6698

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

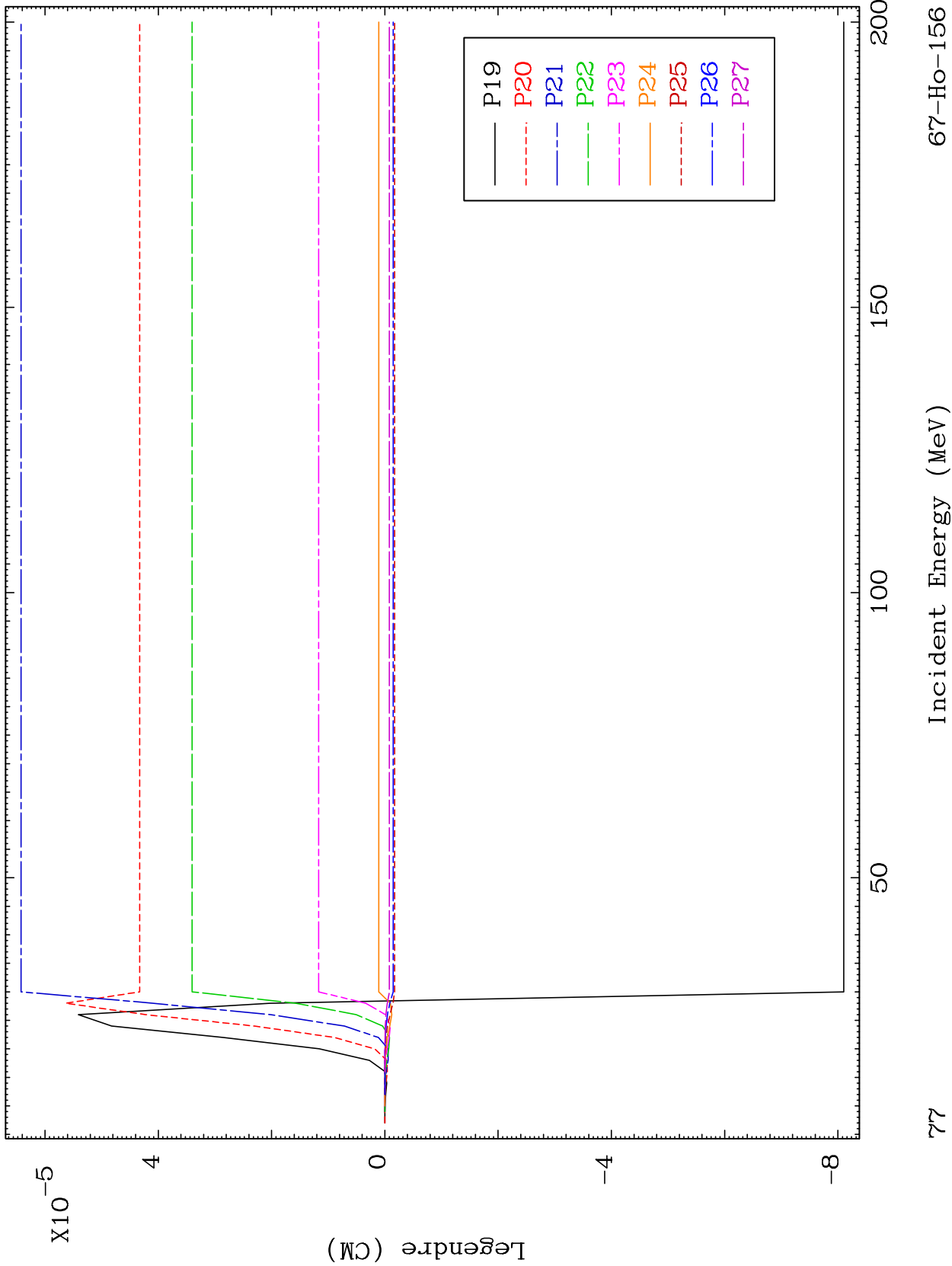
67-Ho-156

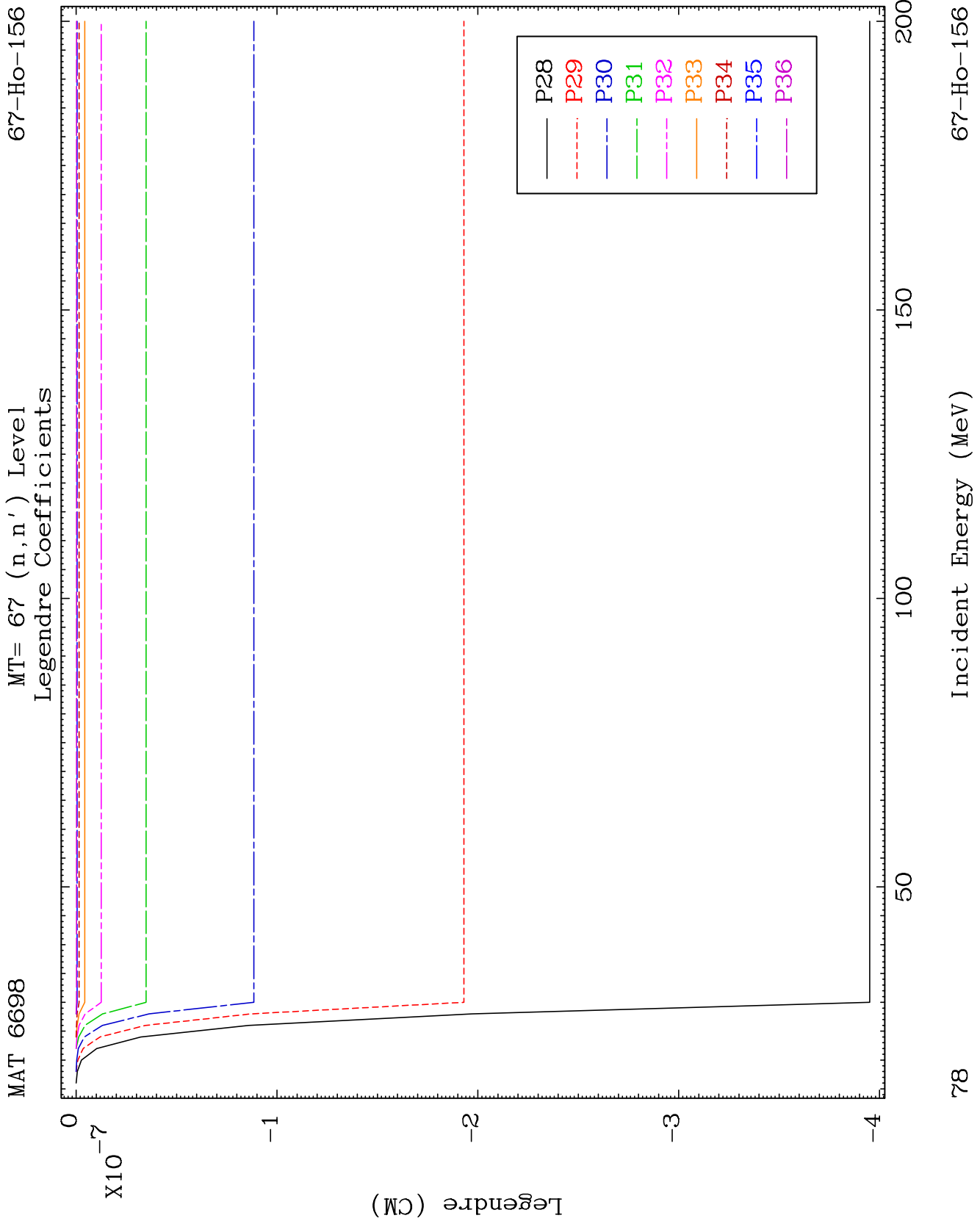


76

Incident Energy (MeV)

67-Ho-156

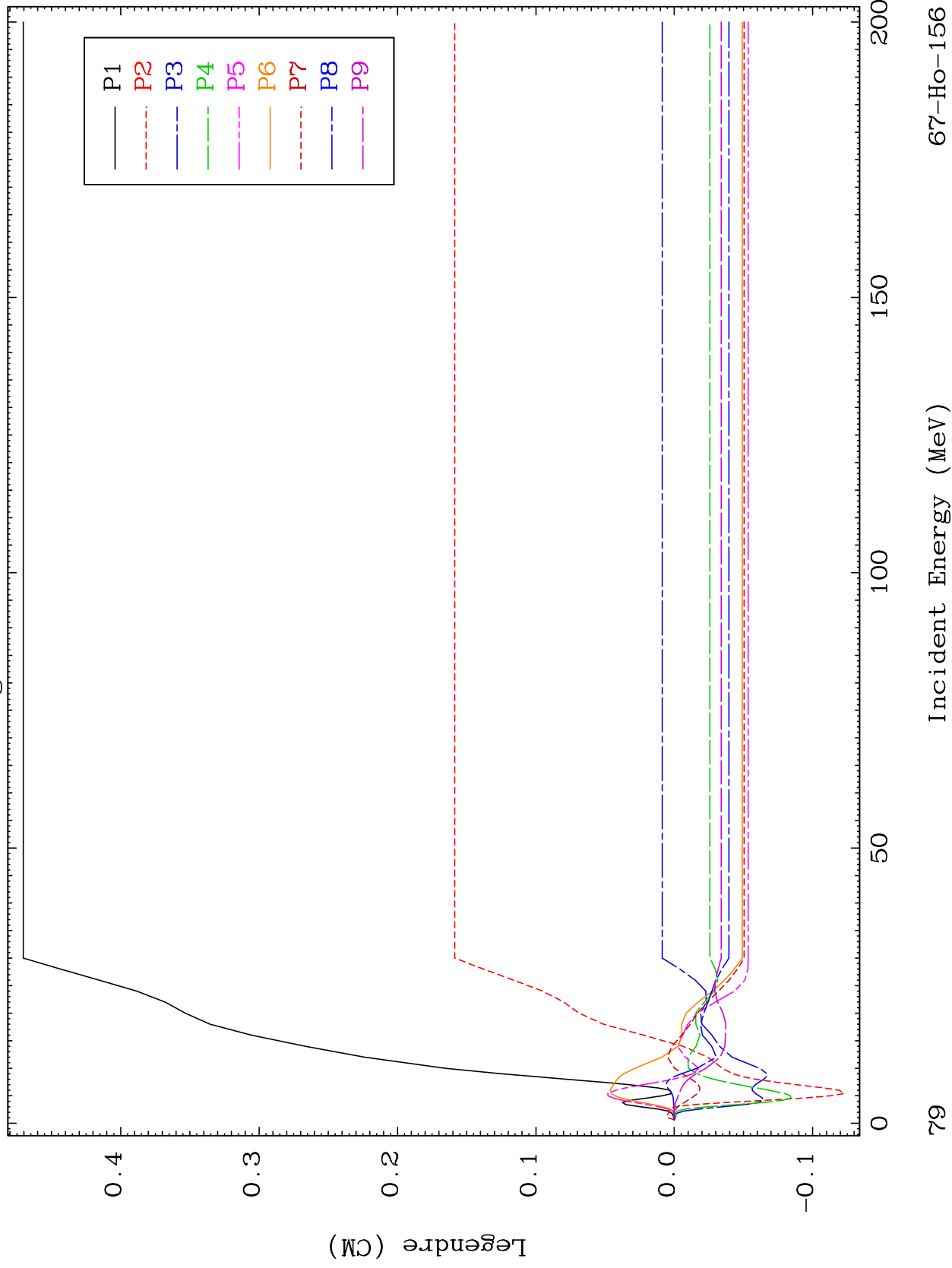




MAT 6698

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

67-Ho-156



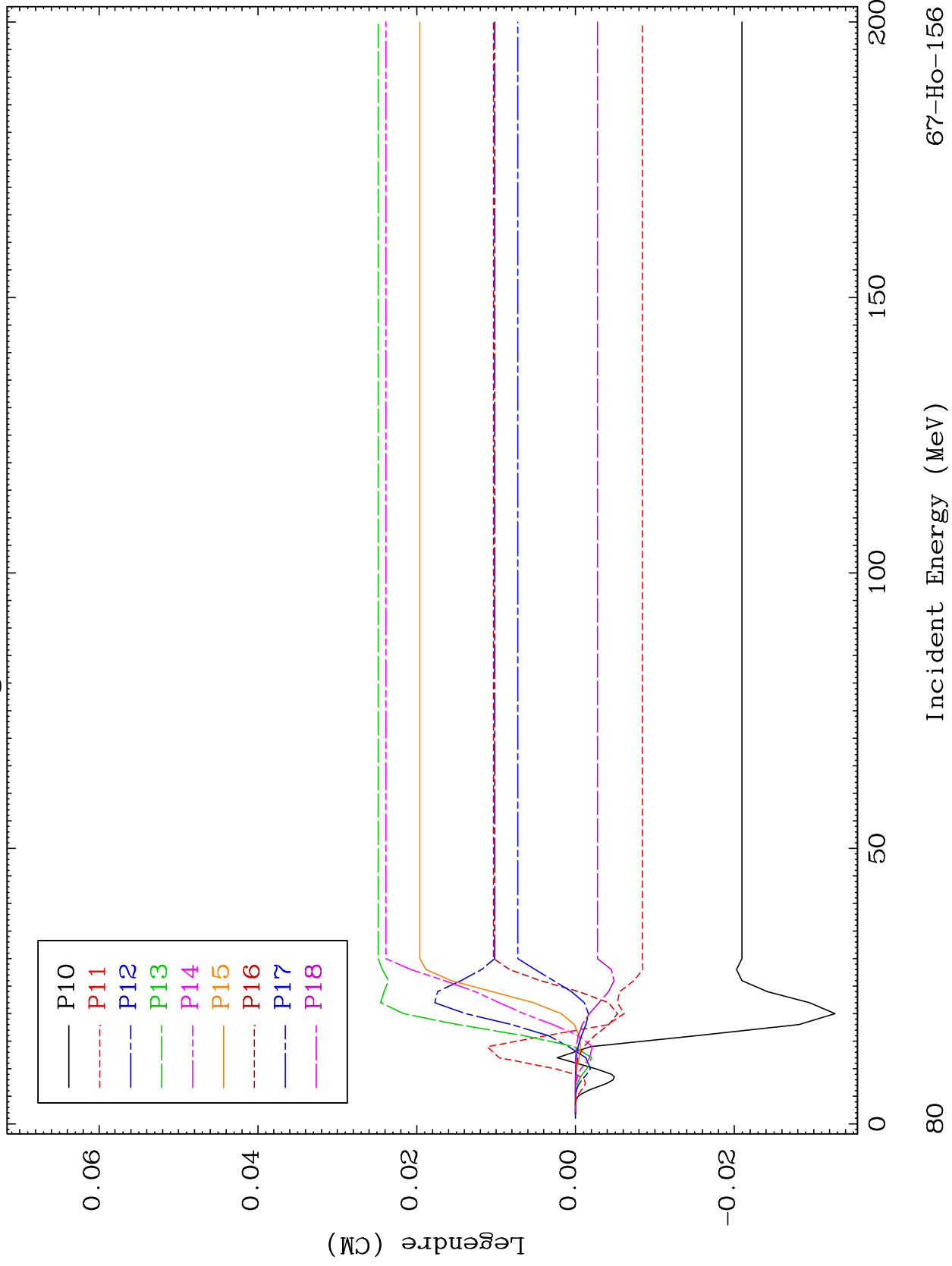
79

67-Ho-156

MAT 6698

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

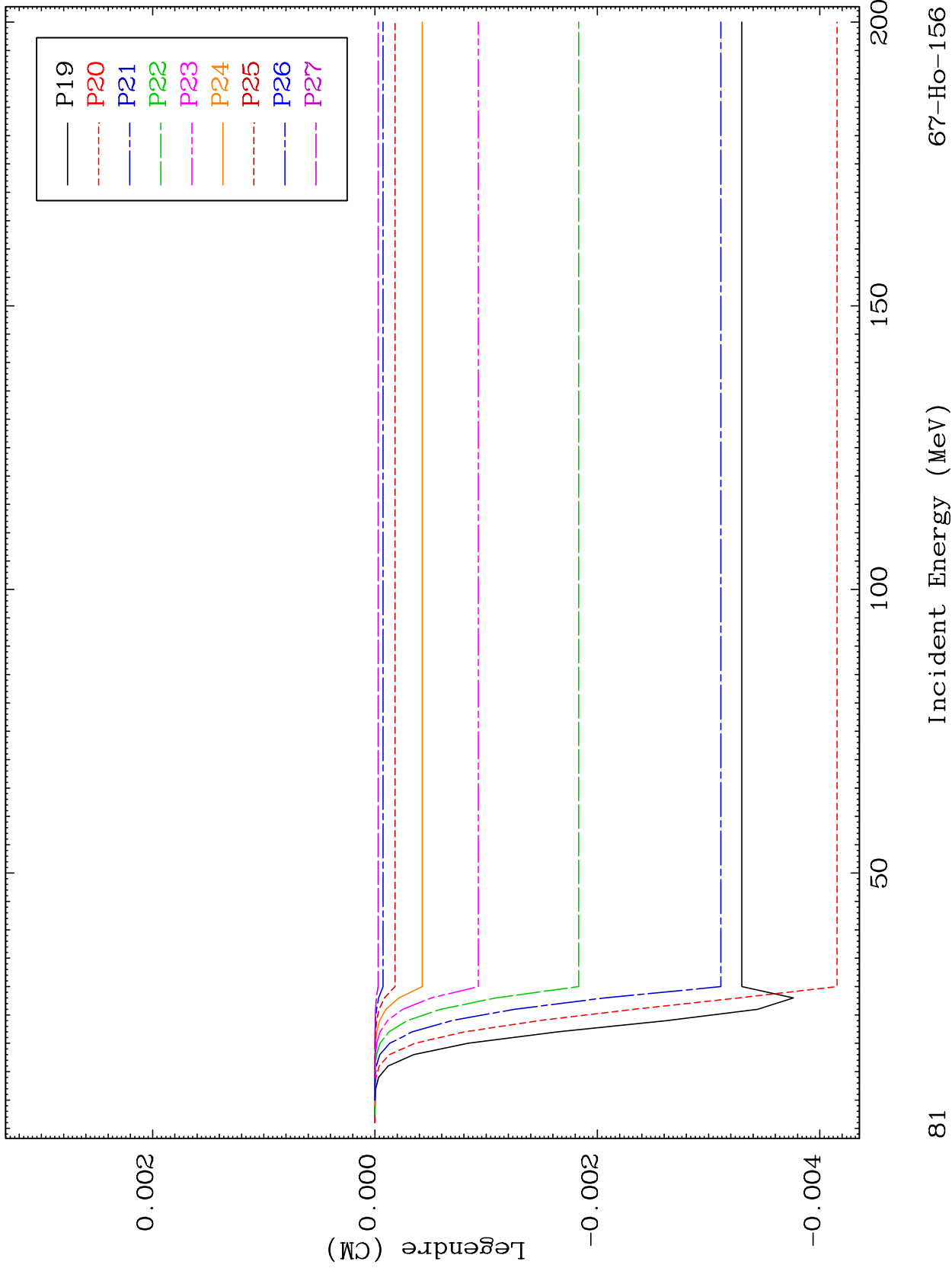
67-Ho-156



MAT 6698

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

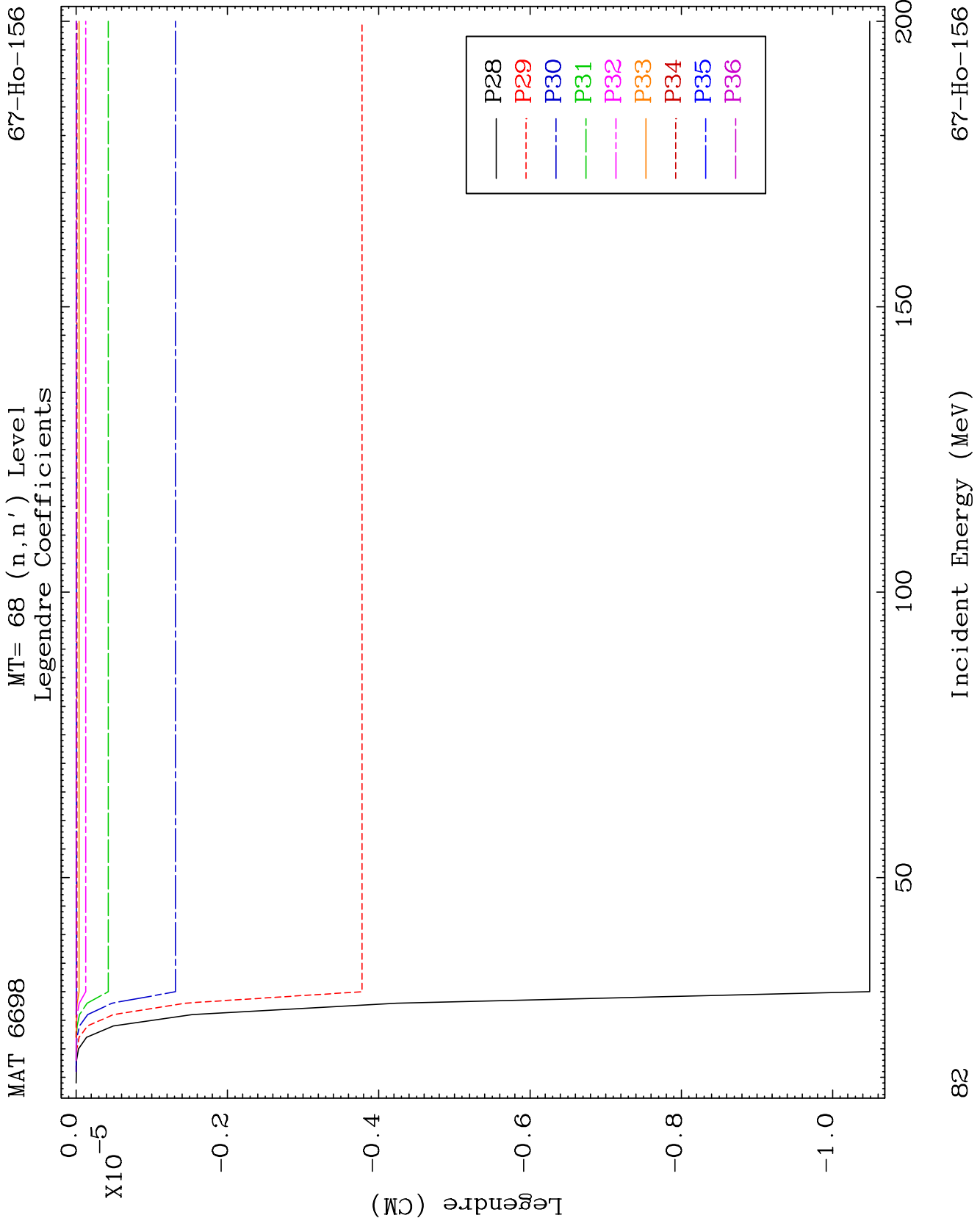
67-Ho-156



81

Incident Energy (MeV)

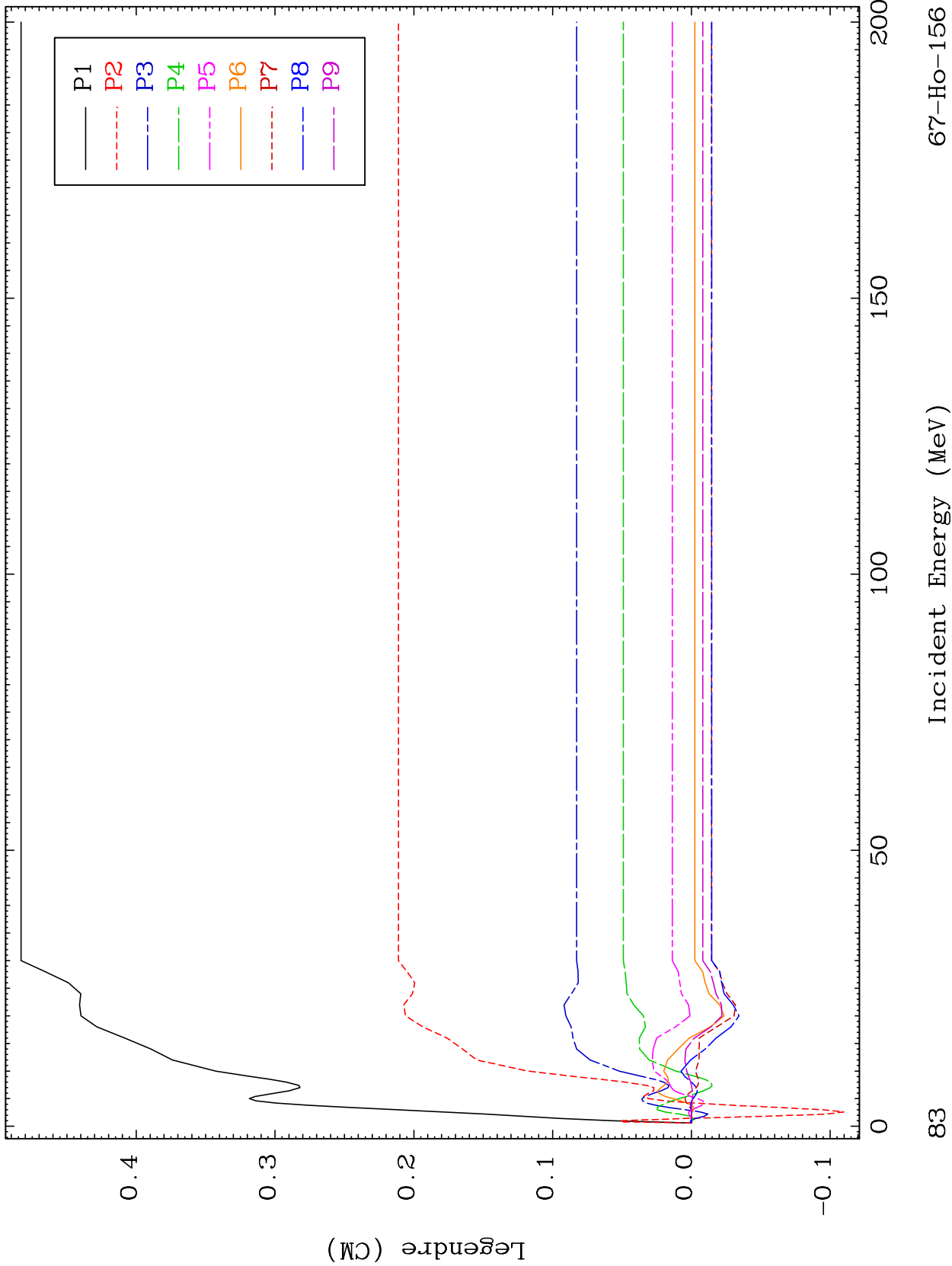
67-Ho-156



MAT 6698

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

67-Ho-156



83

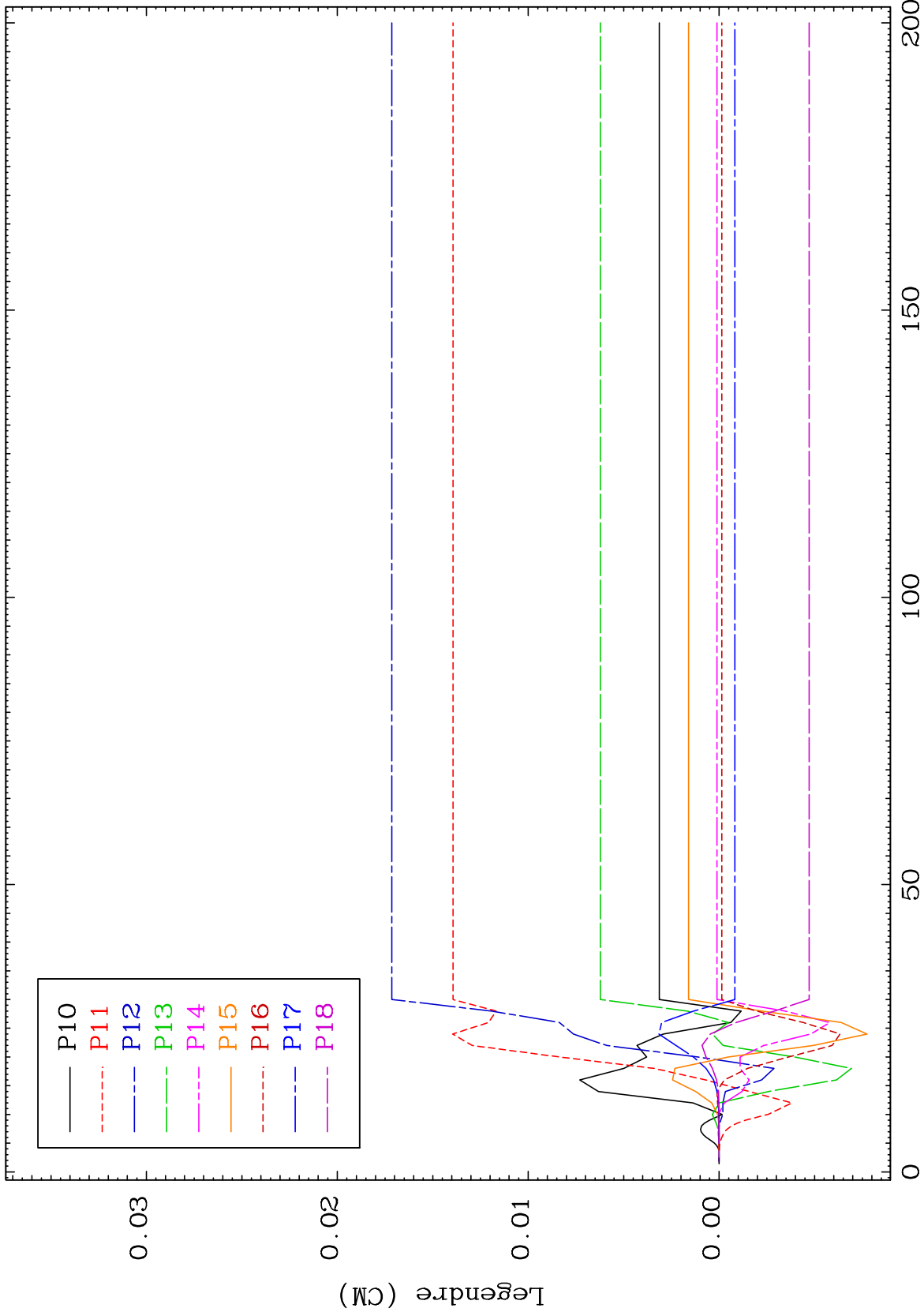
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



84

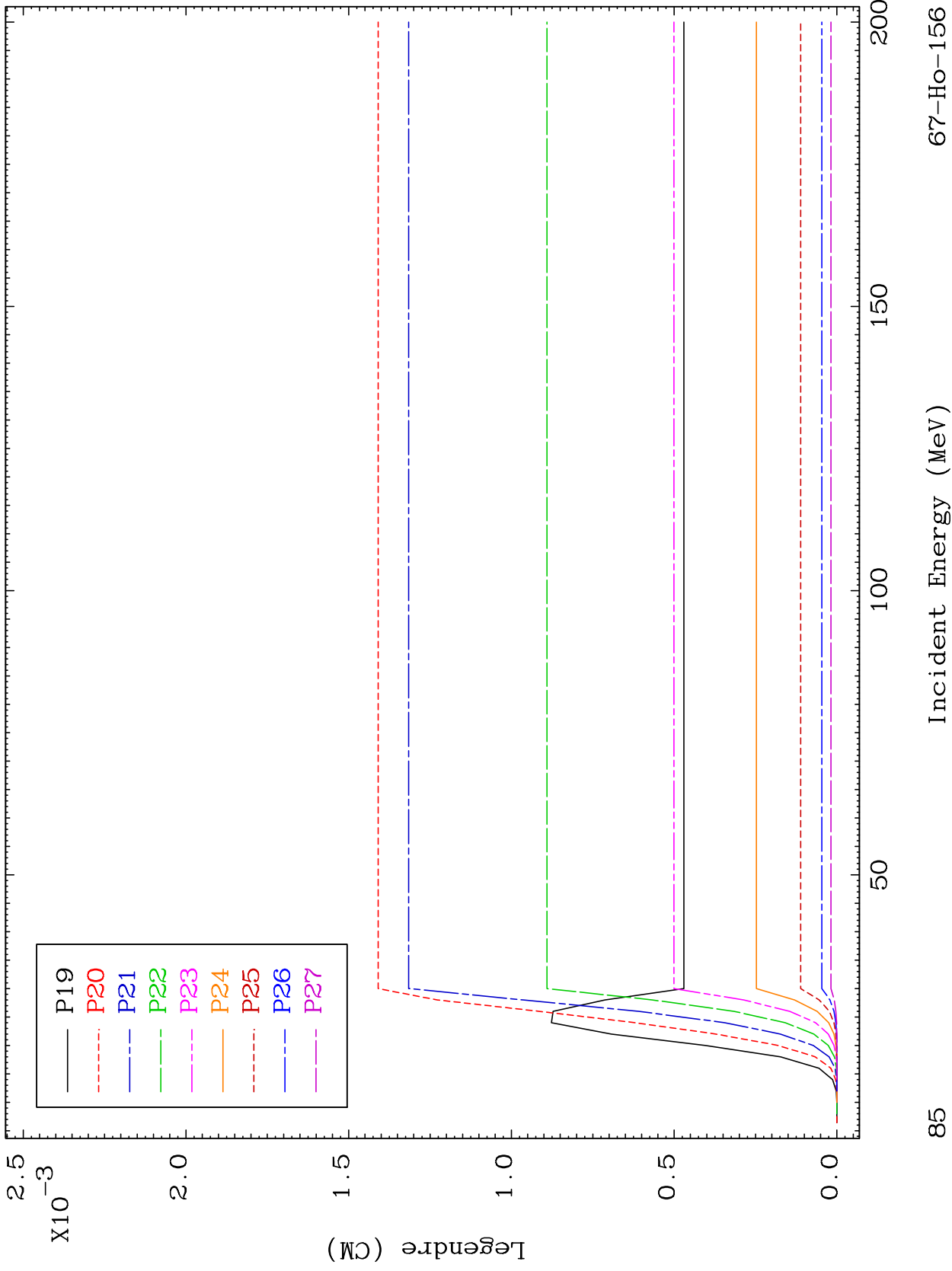
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



85

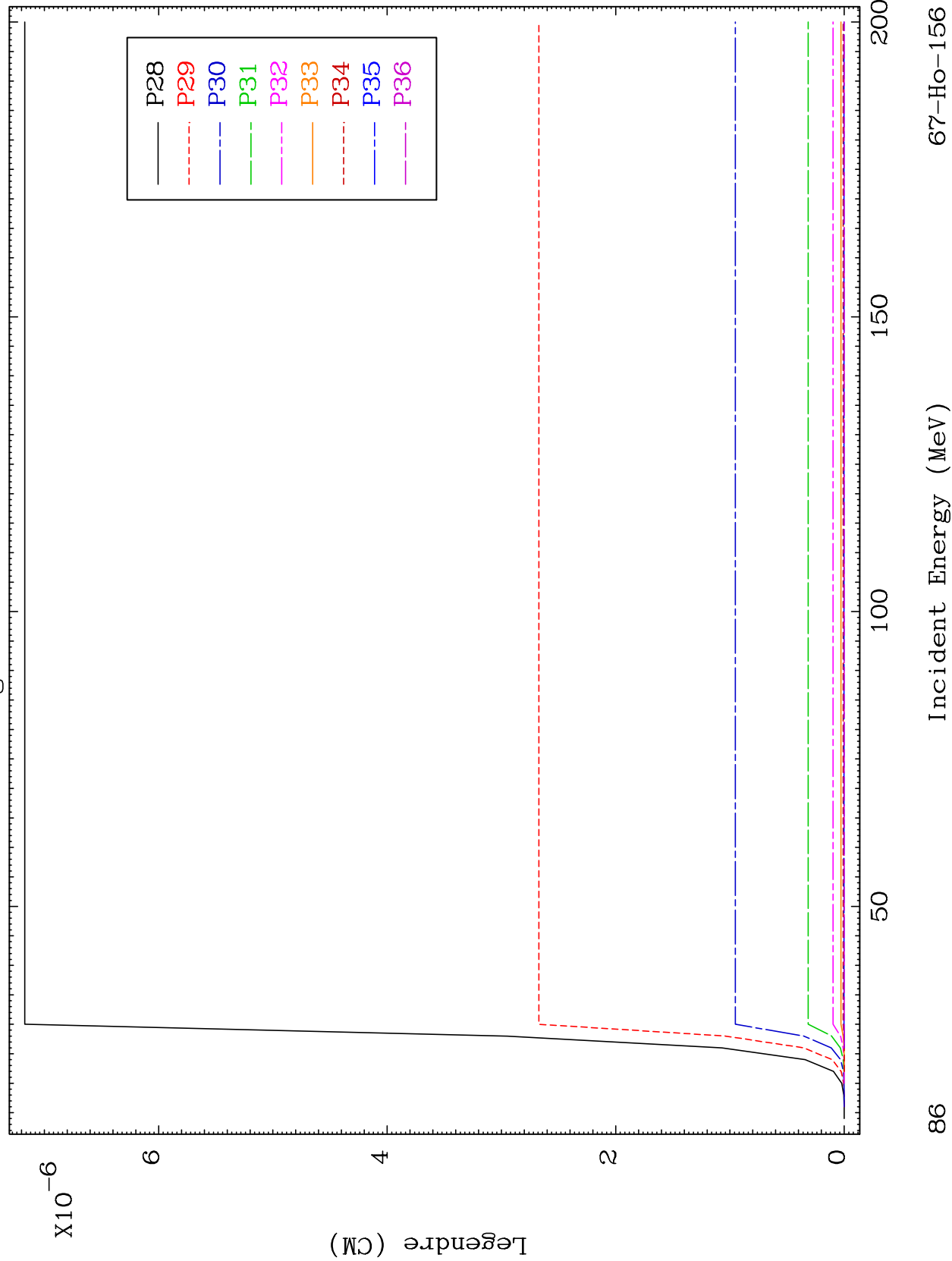
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

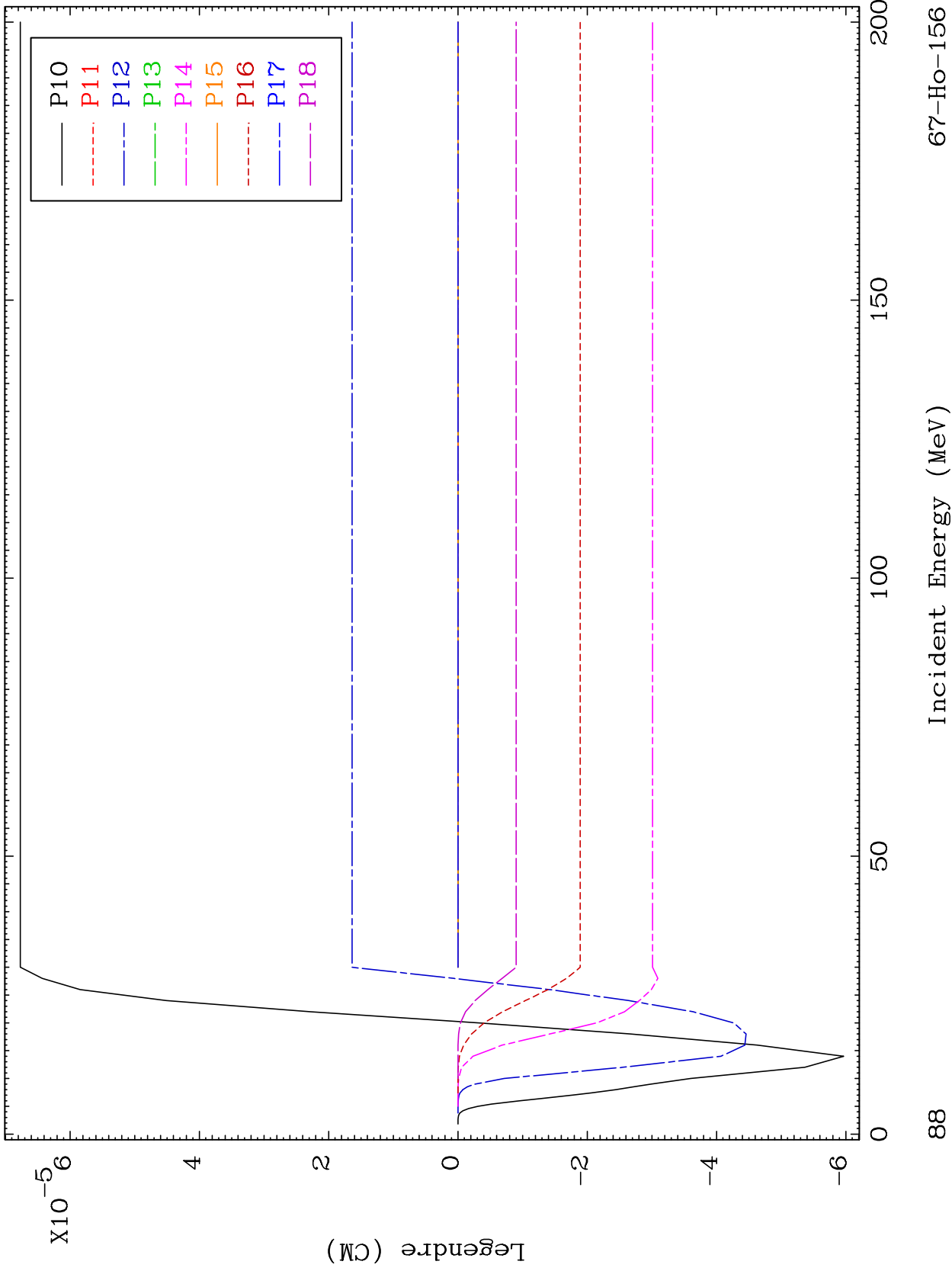
67-Ho-156



MAT 6698

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

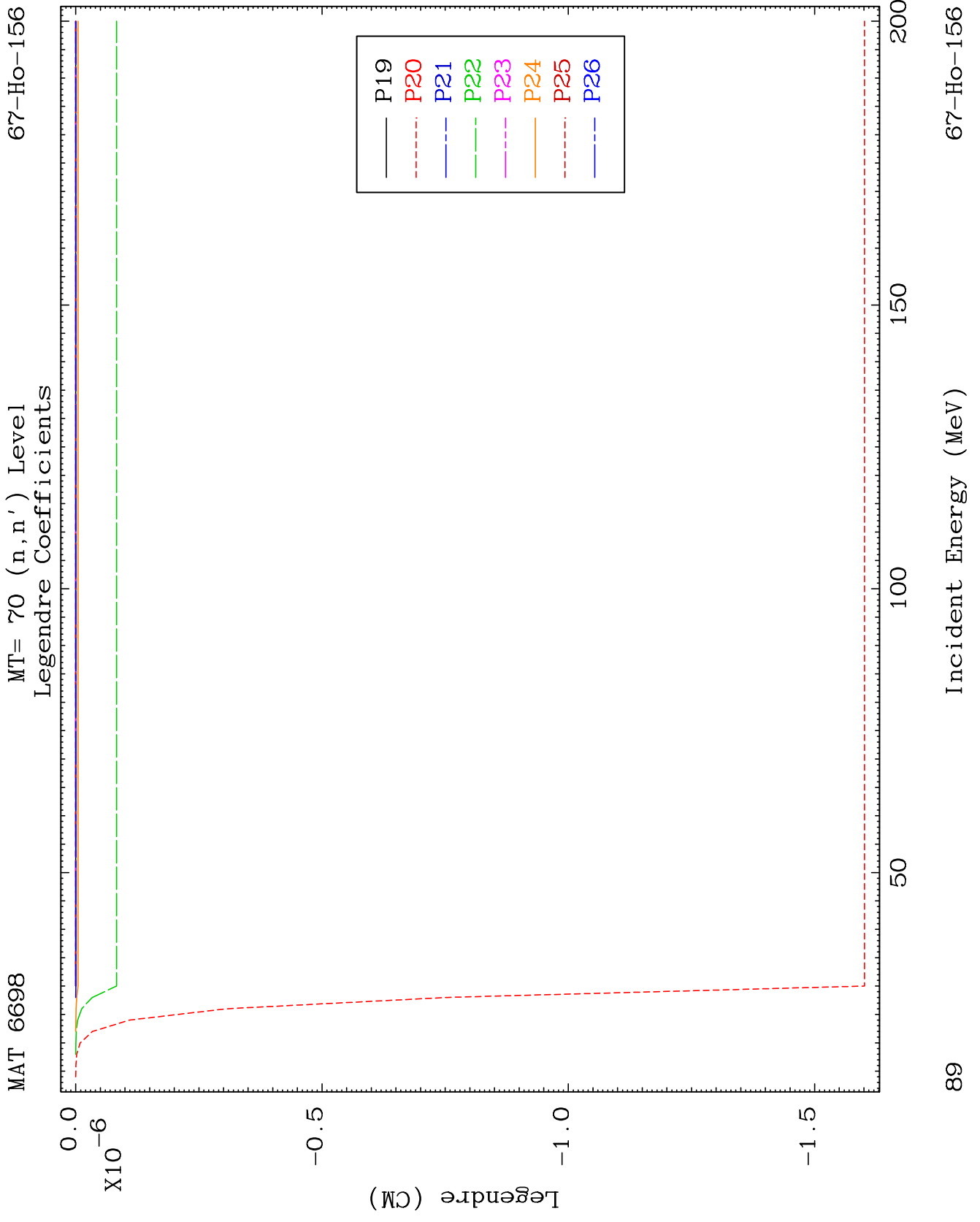
67-Ho-156



88

Incident Energy (MeV)

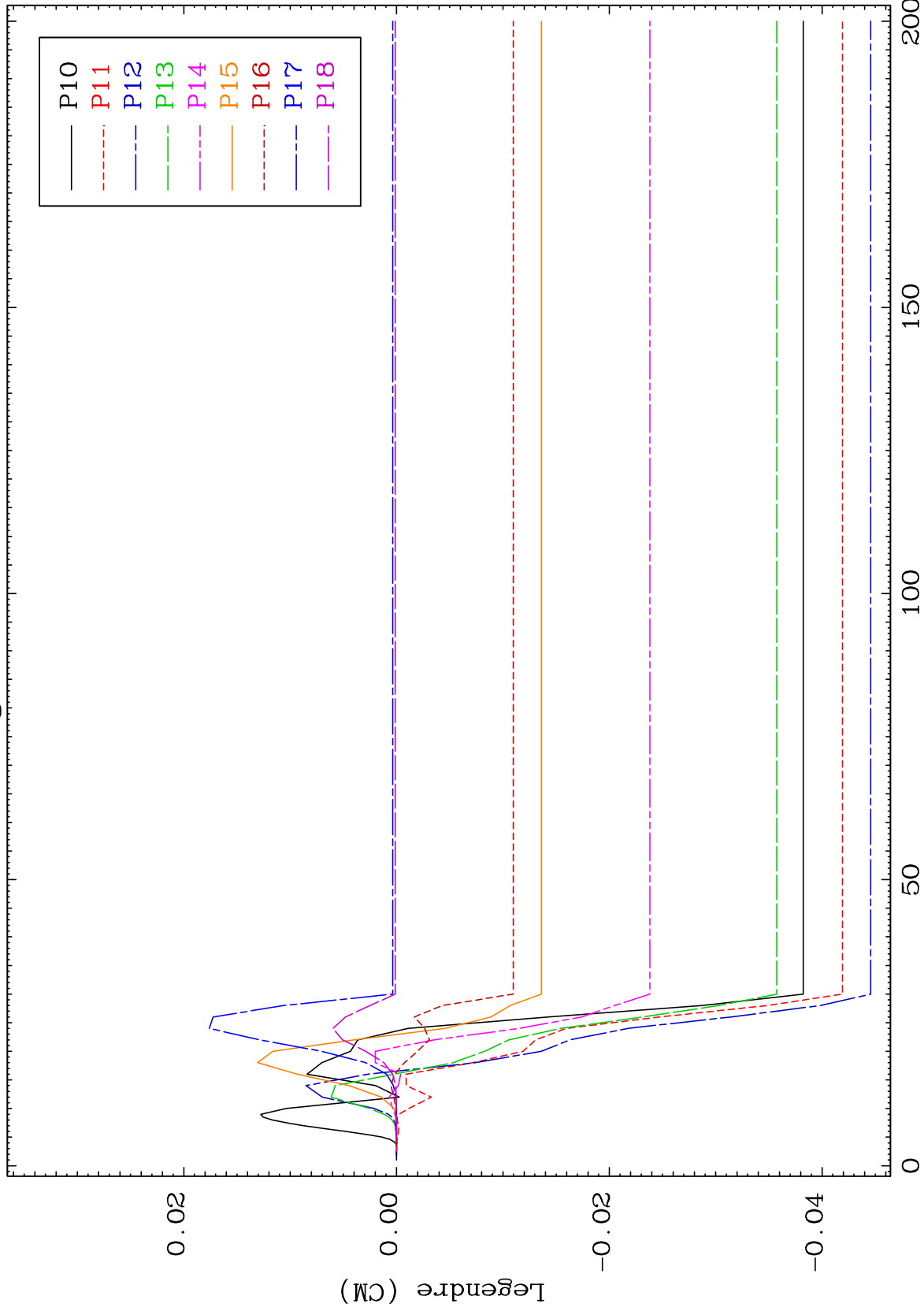
67-Ho-156



MAT 6698

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

67-Ho-156



91

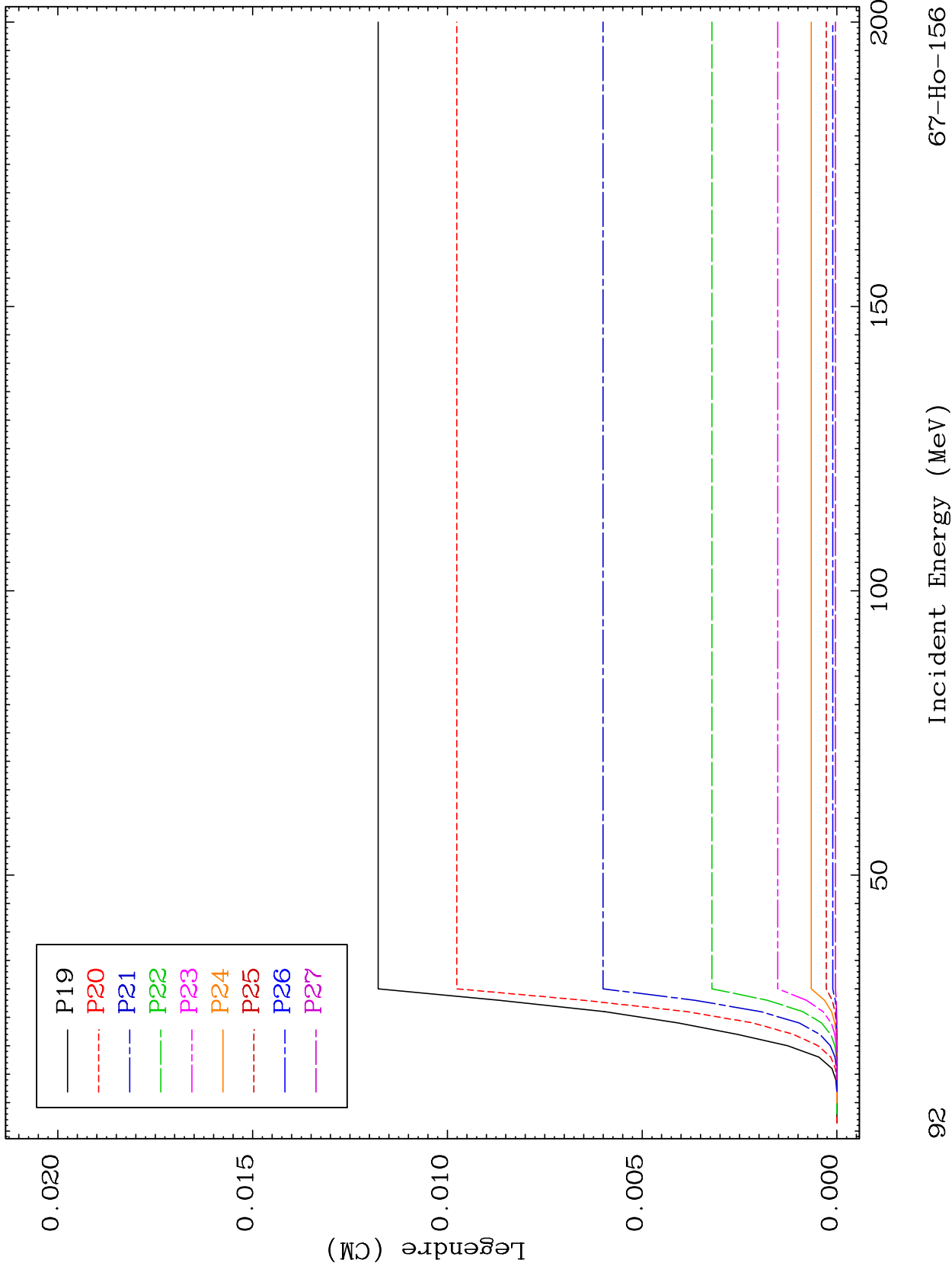
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



92

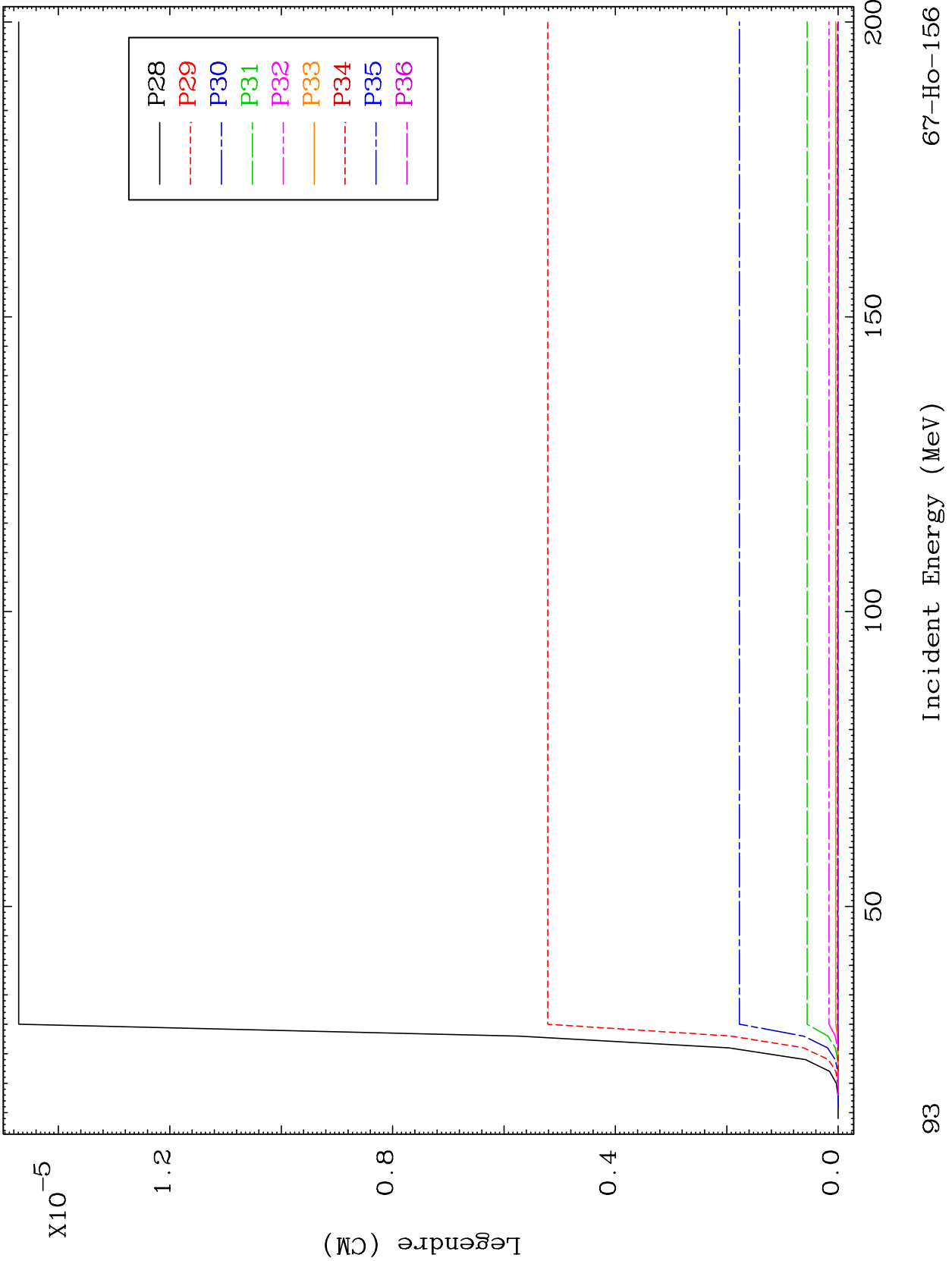
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

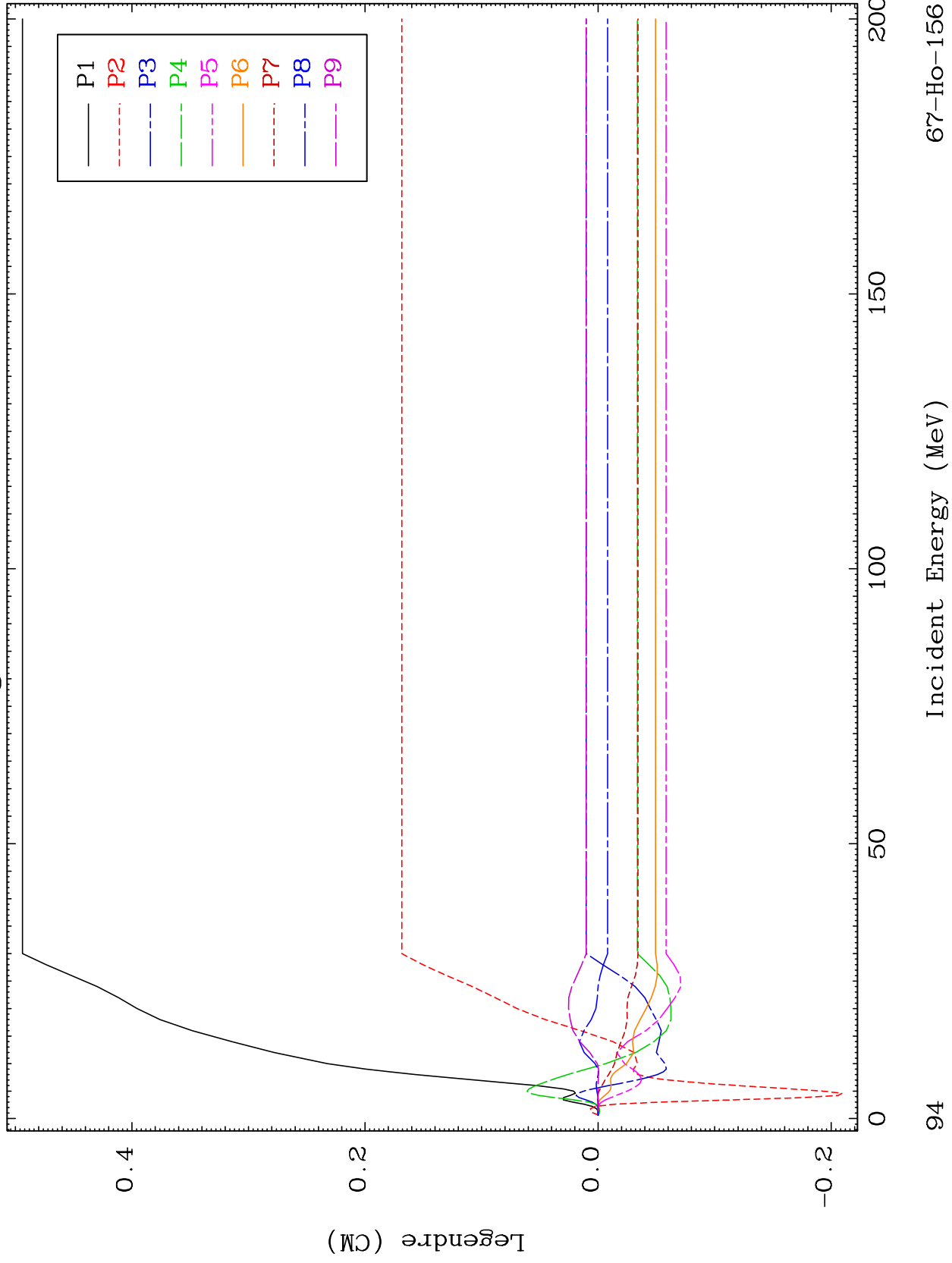
67-Ho-156



MAT 6698

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

67-Ho-156



67-Ho-156

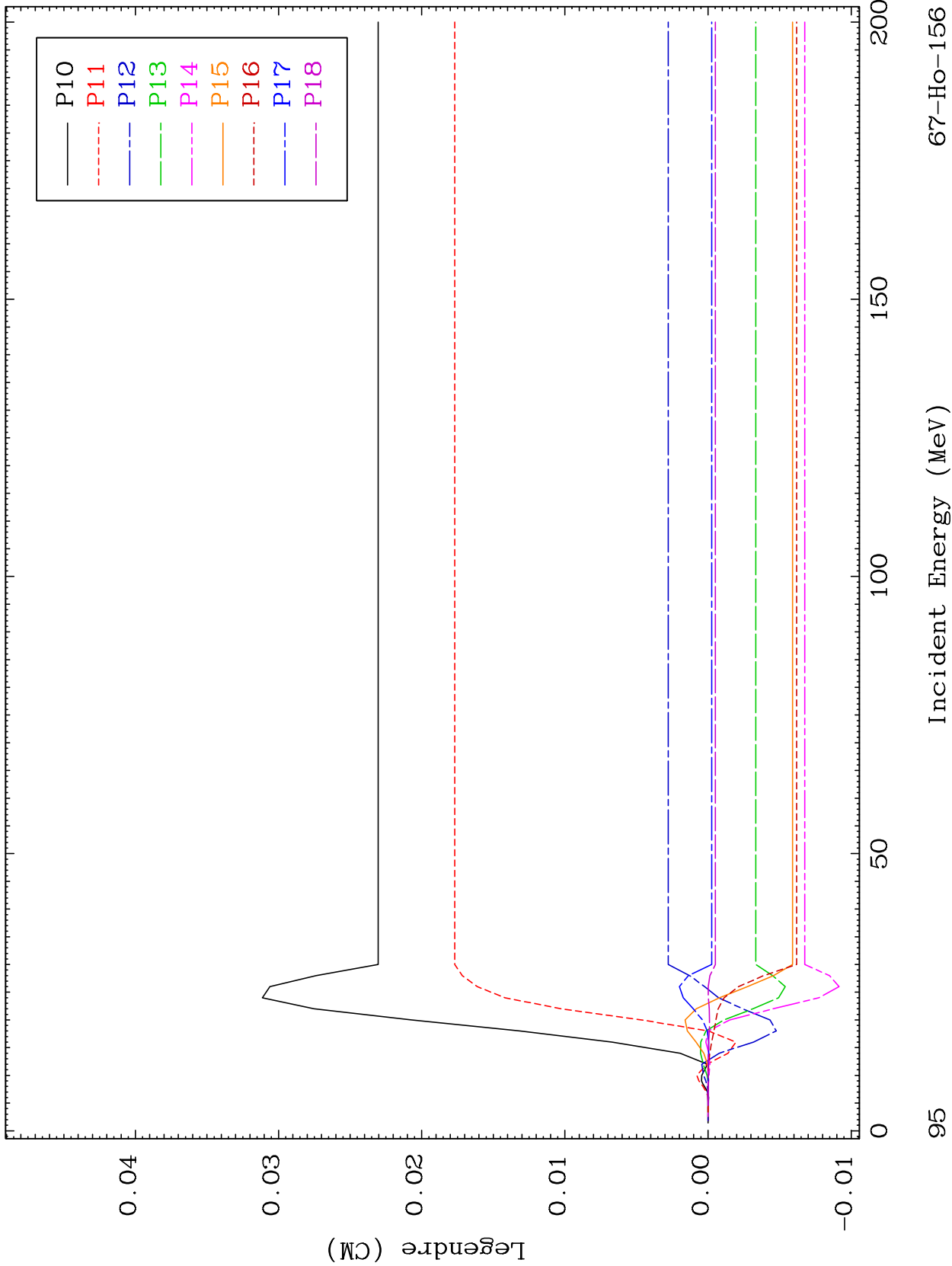
Incident Energy (MeV)

94

MAT 6698

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

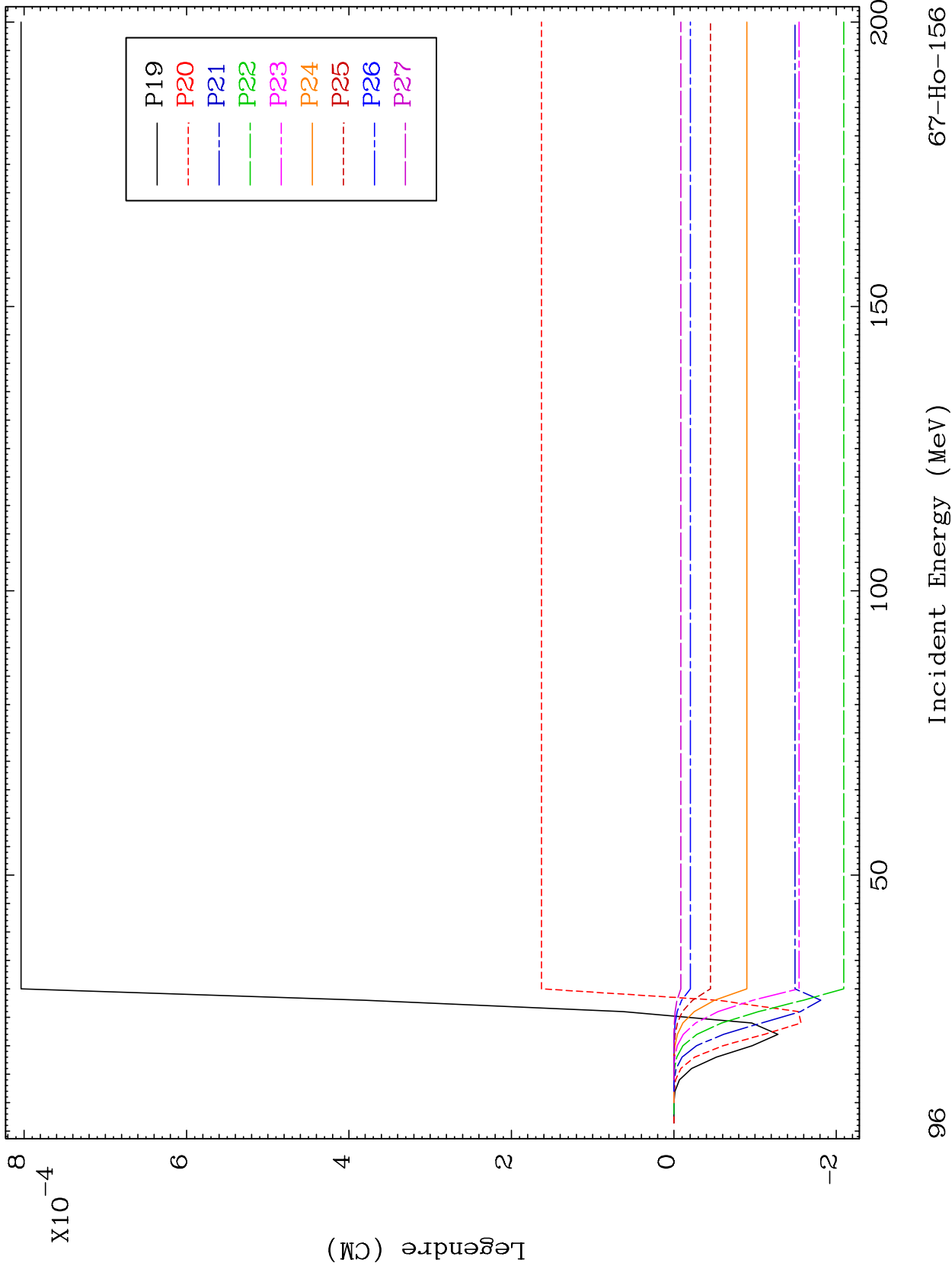
67-Ho-156

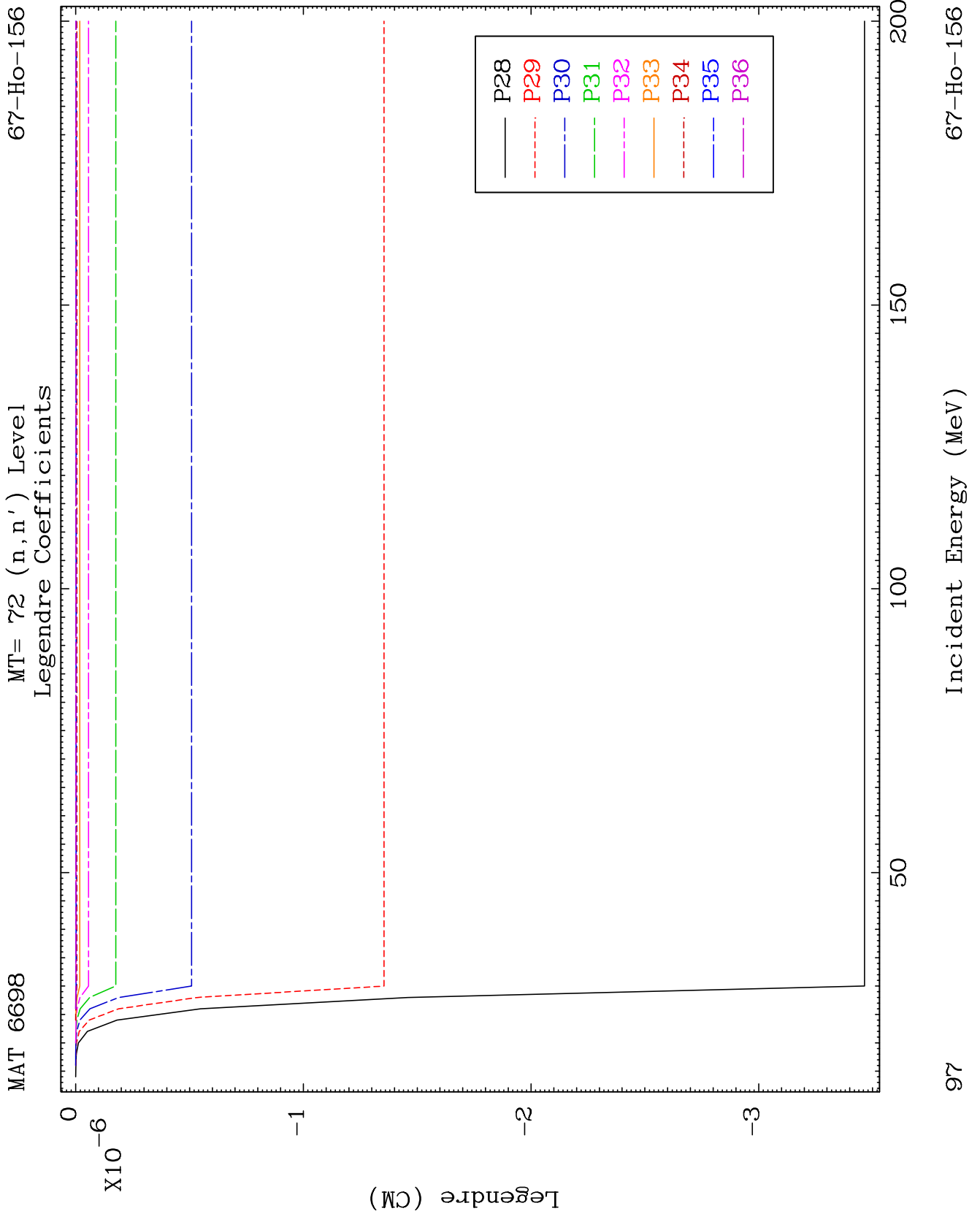


67-Ho-156

Incident Energy (MeV)

95

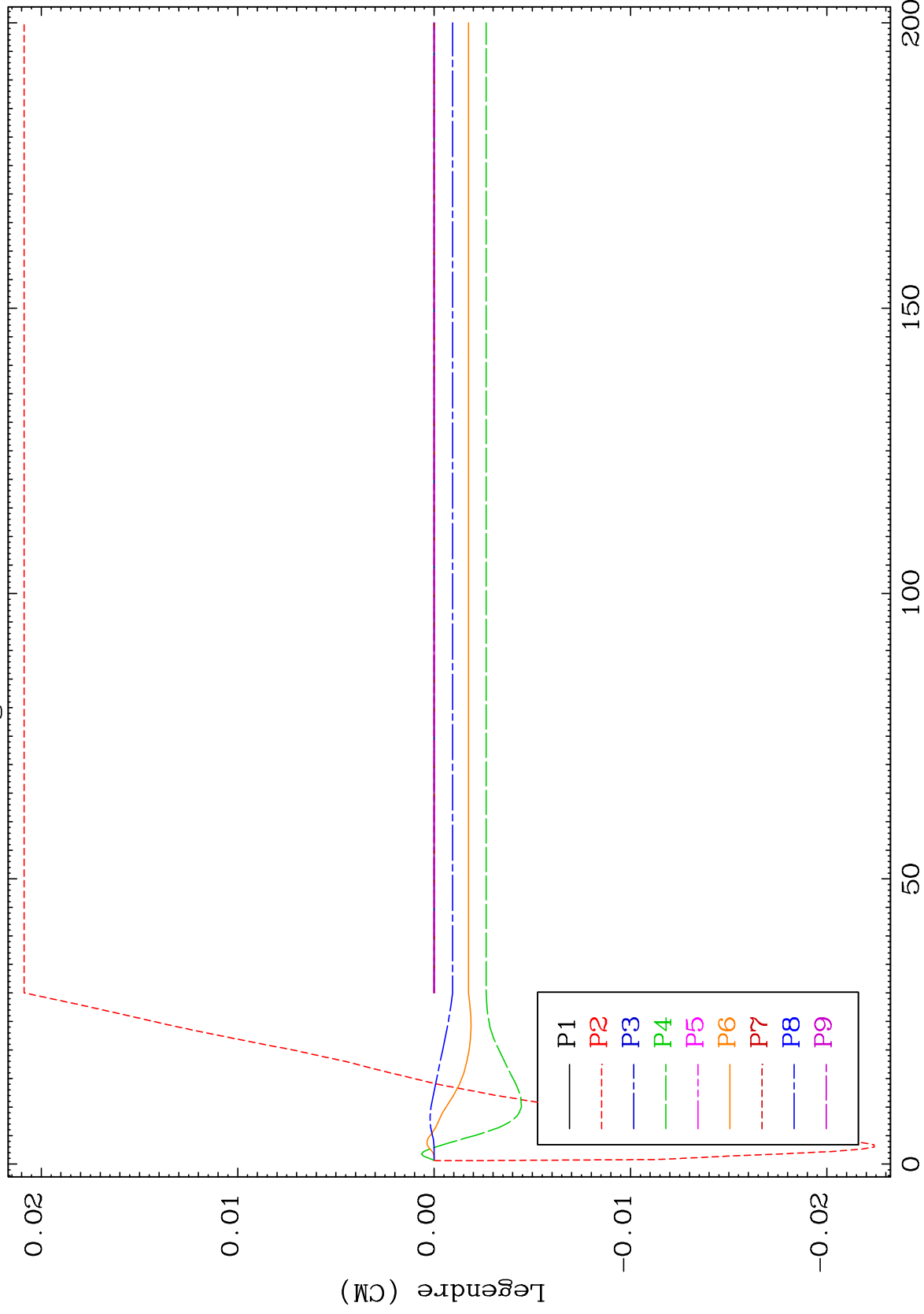




MAT 6698

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

67-Ho-156



98

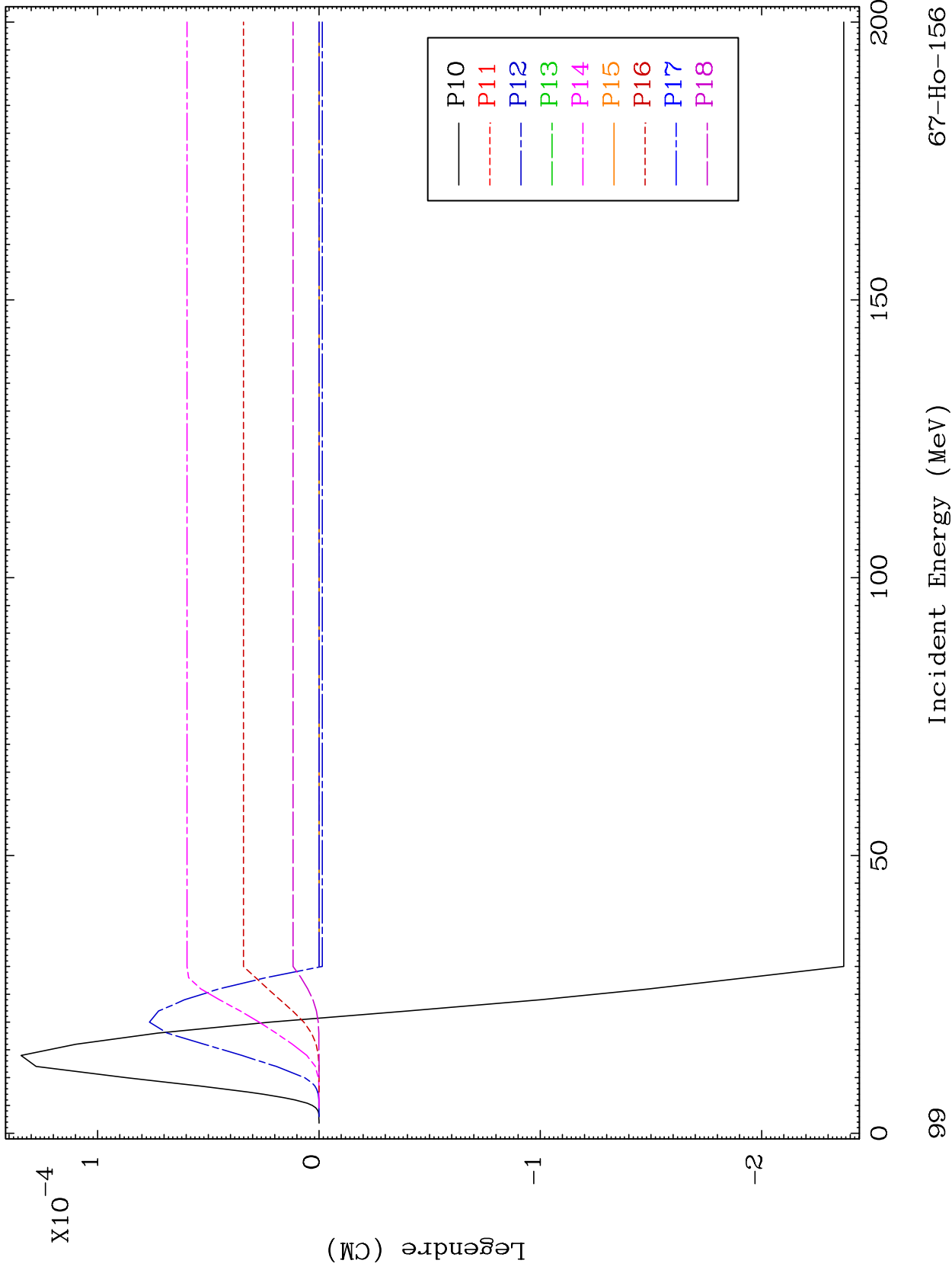
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

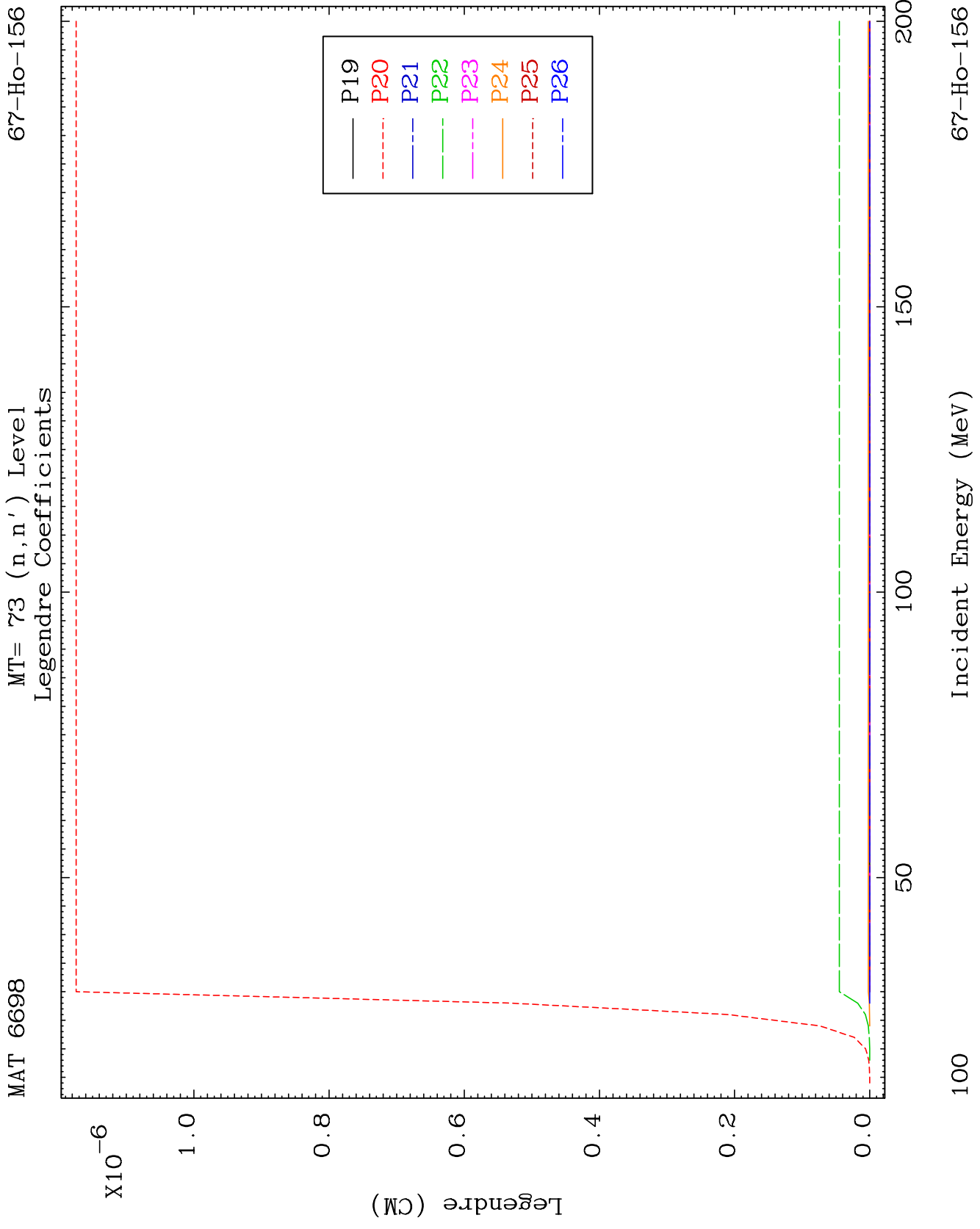
67-Ho-156

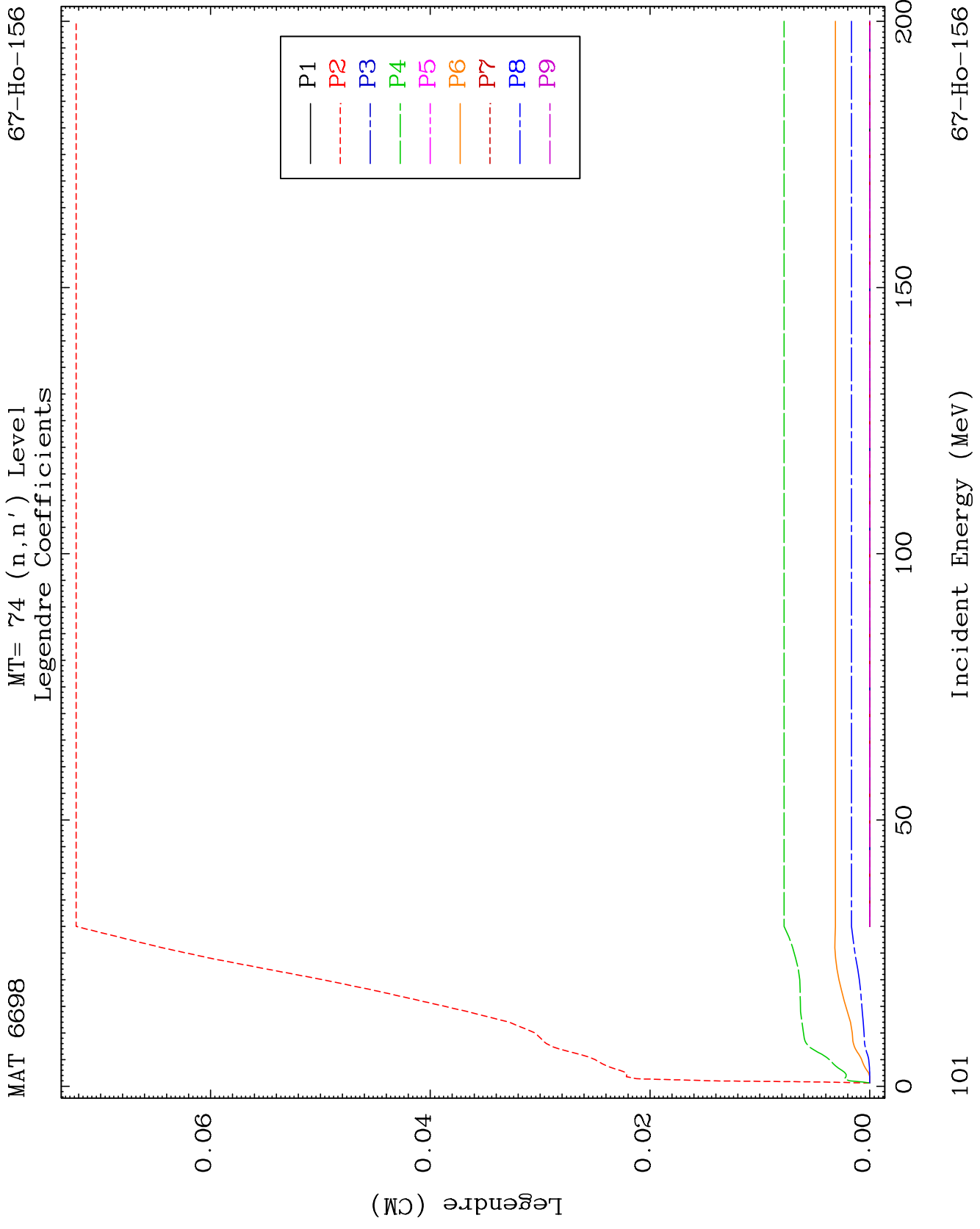


99

Incident Energy (MeV)

67-Ho-156

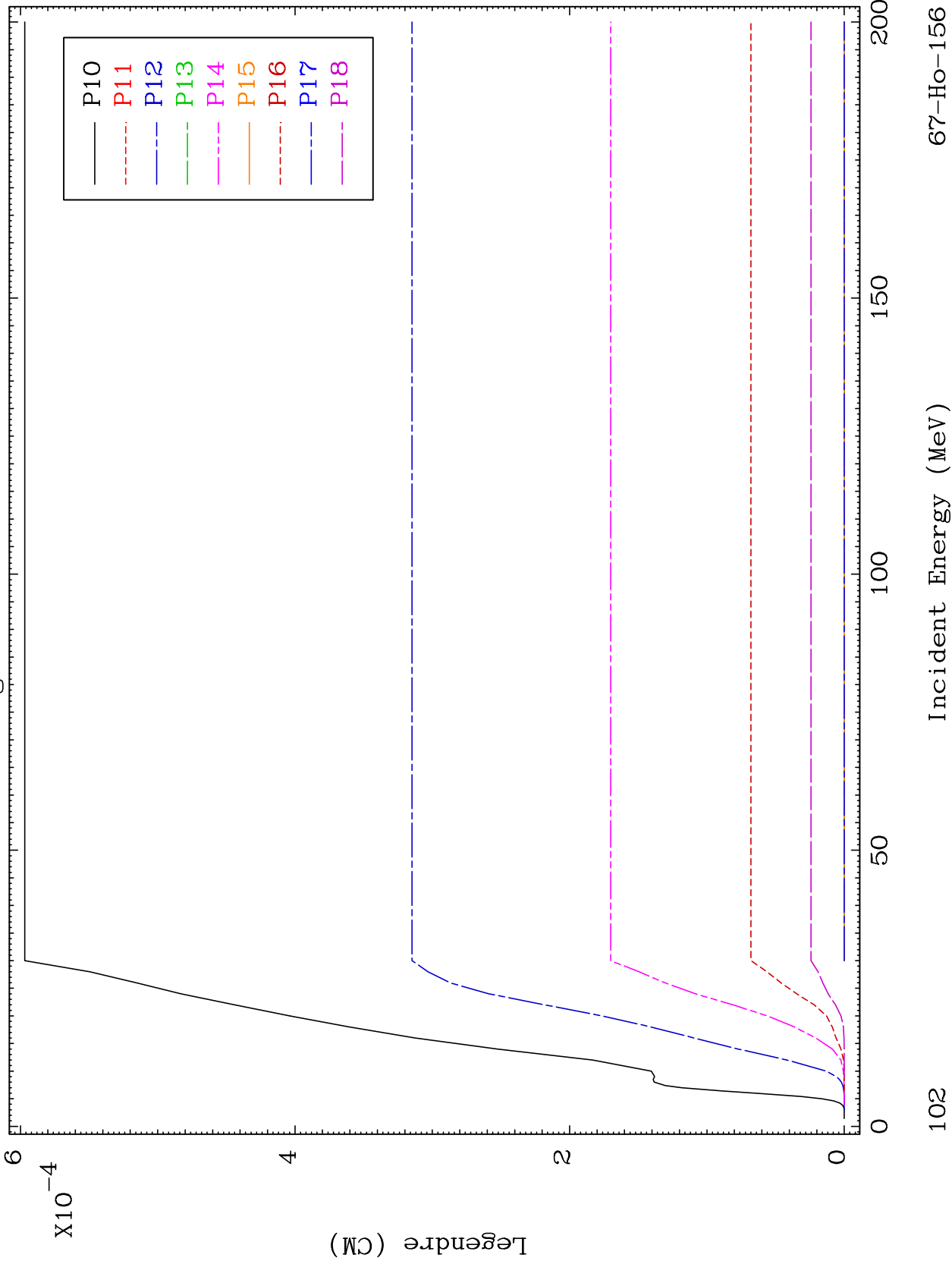




MAT 6698

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

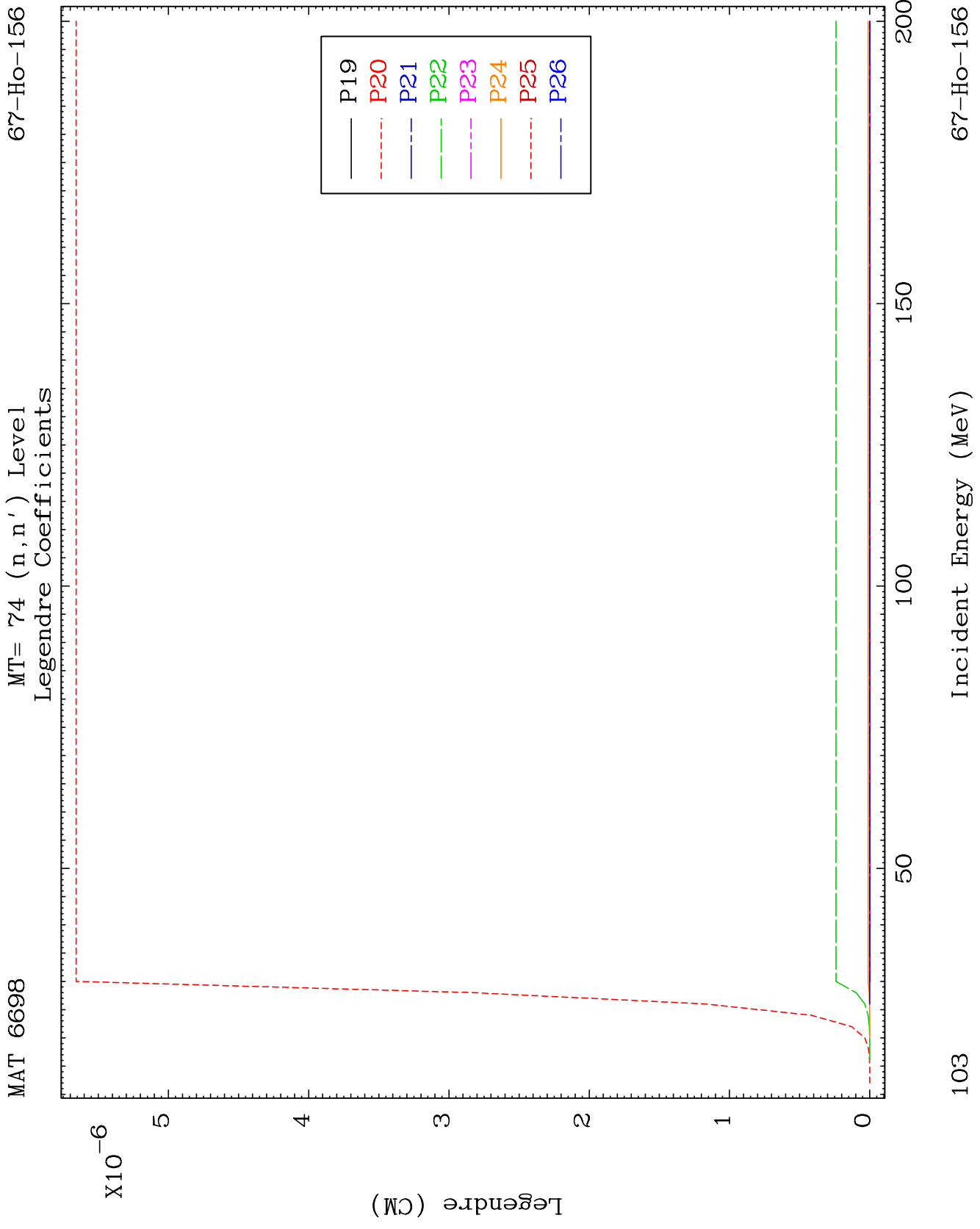
67-Ho-156



67-Ho-156

Incident Energy (MeV)

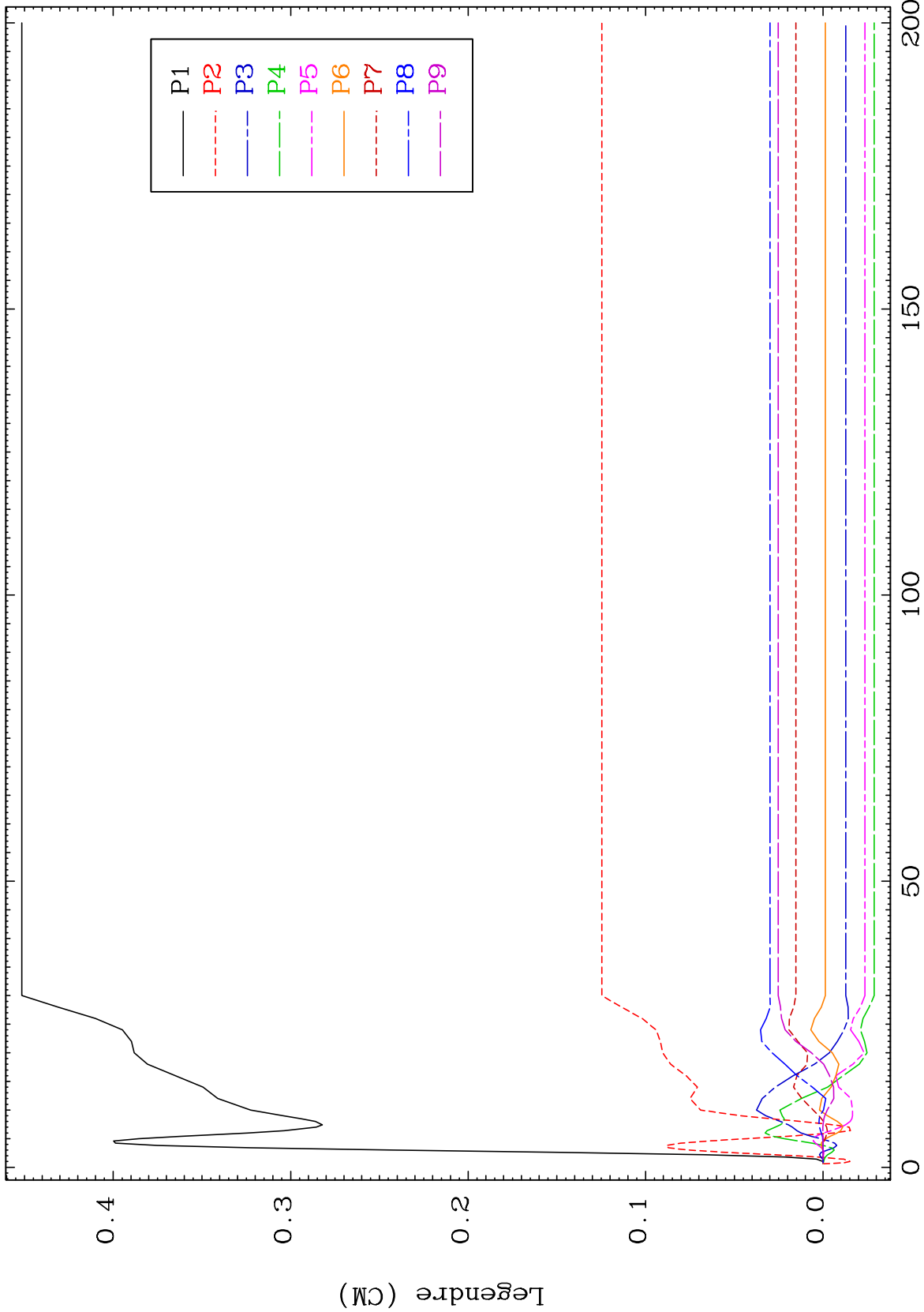
102



MAT 6698

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

67-Ho-156



67-Ho-156

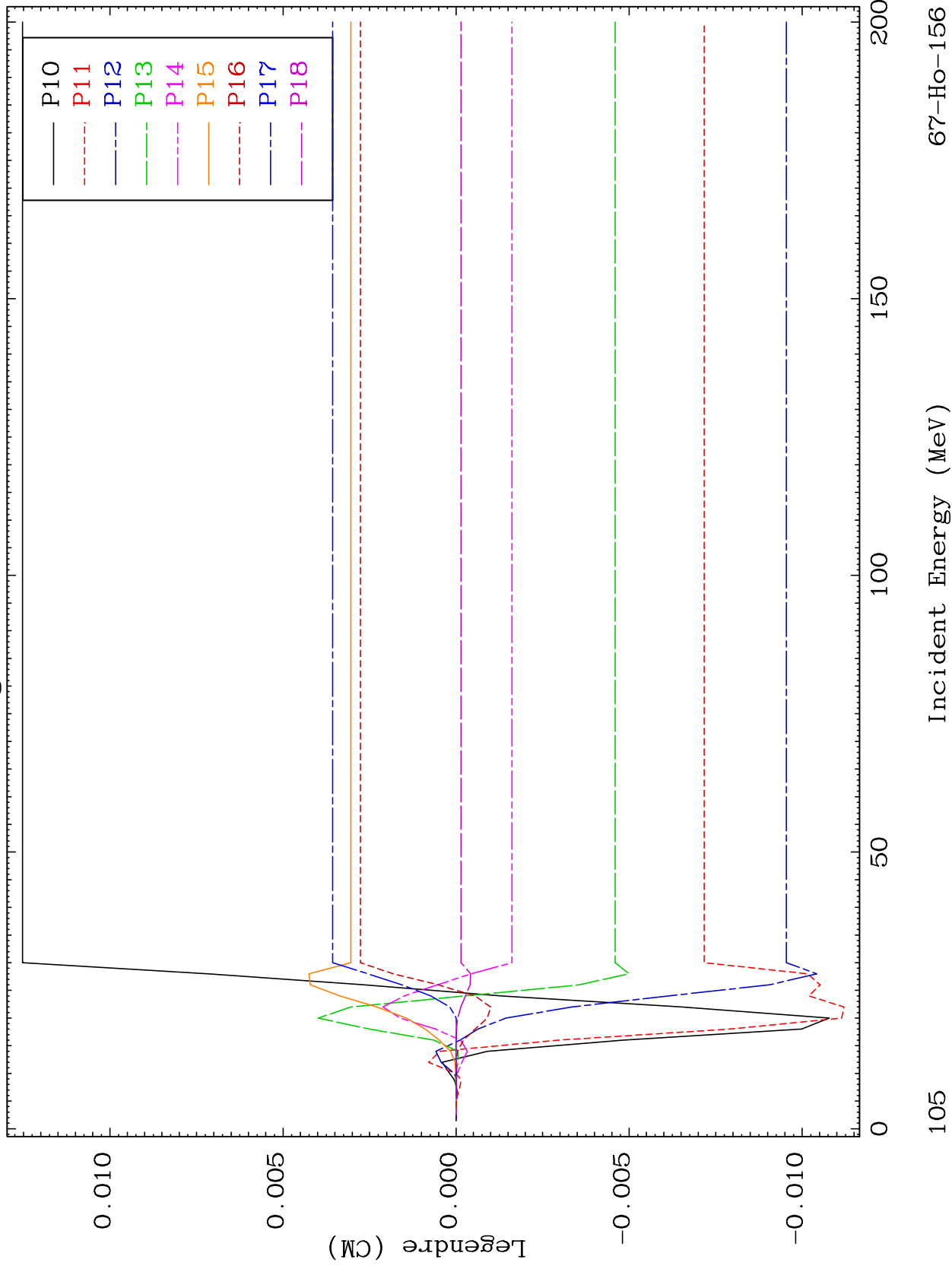
Incident Energy (MeV)

104

MAT 6698

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

67-Ho-156



67-Ho-156

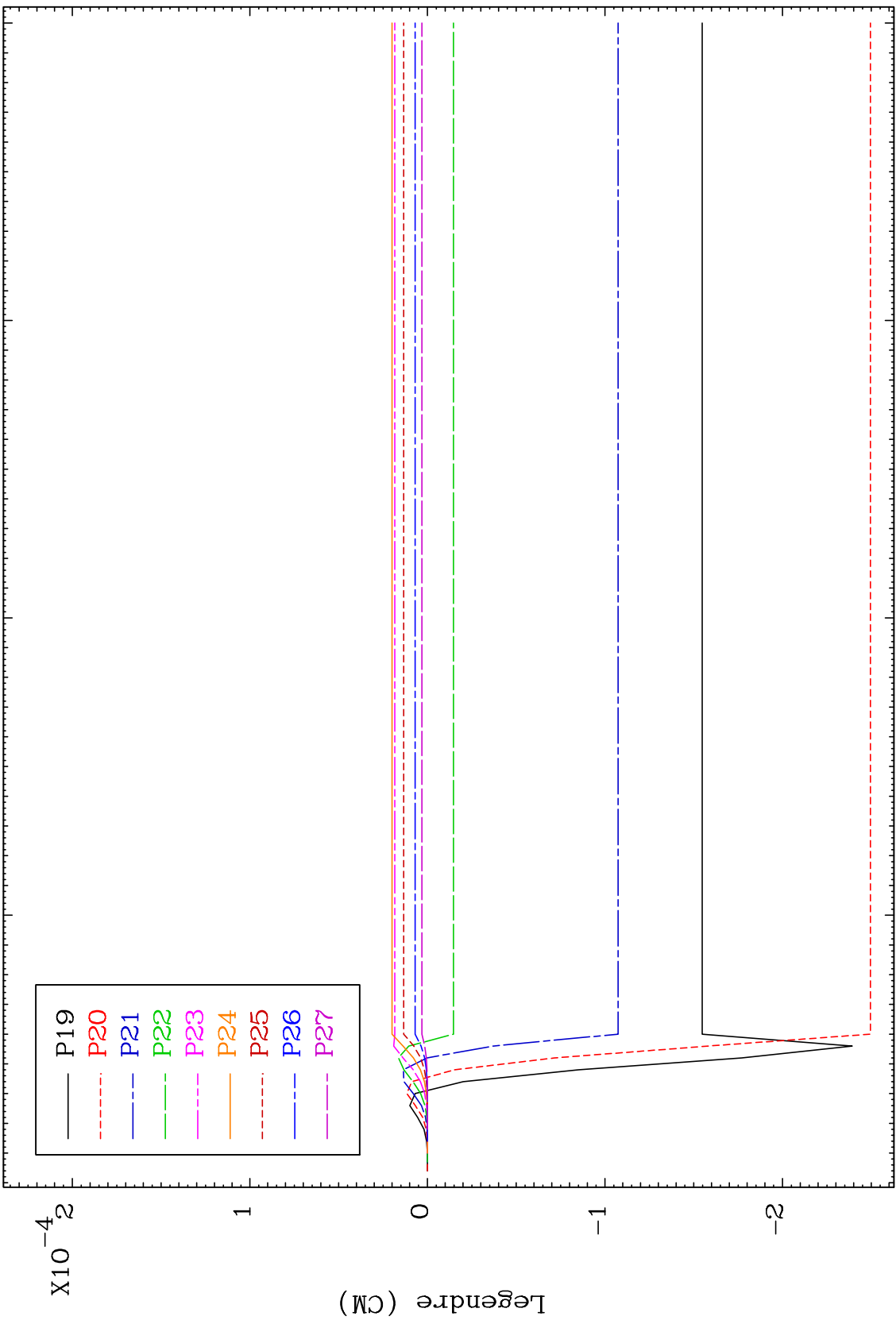
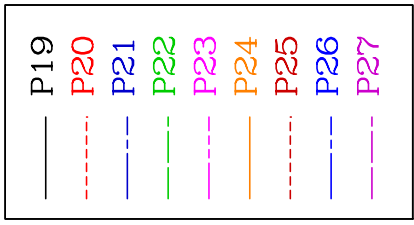
Incident Energy (MeV)

105

MAT 6698

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

67-Ho-156



106

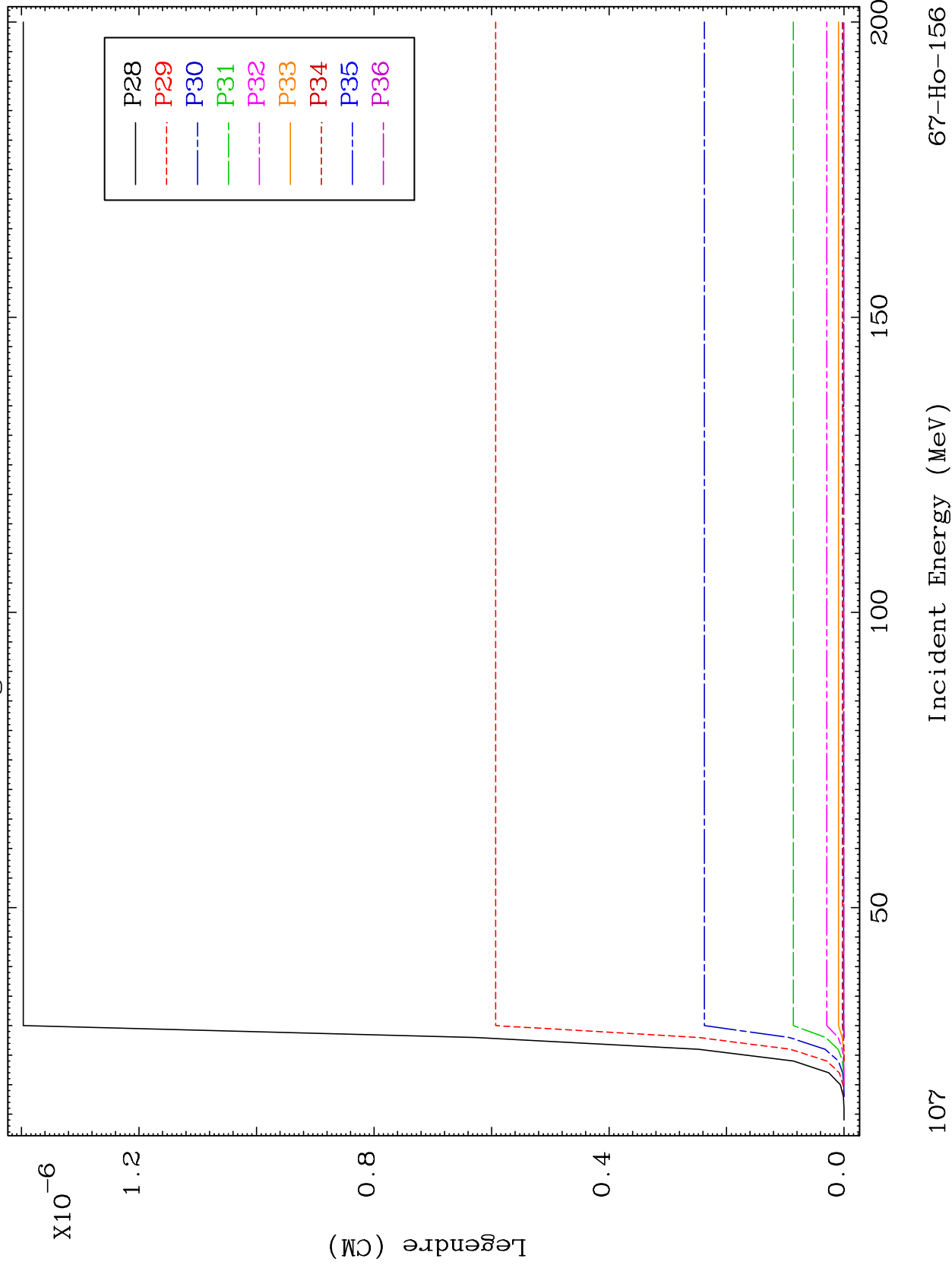
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



107

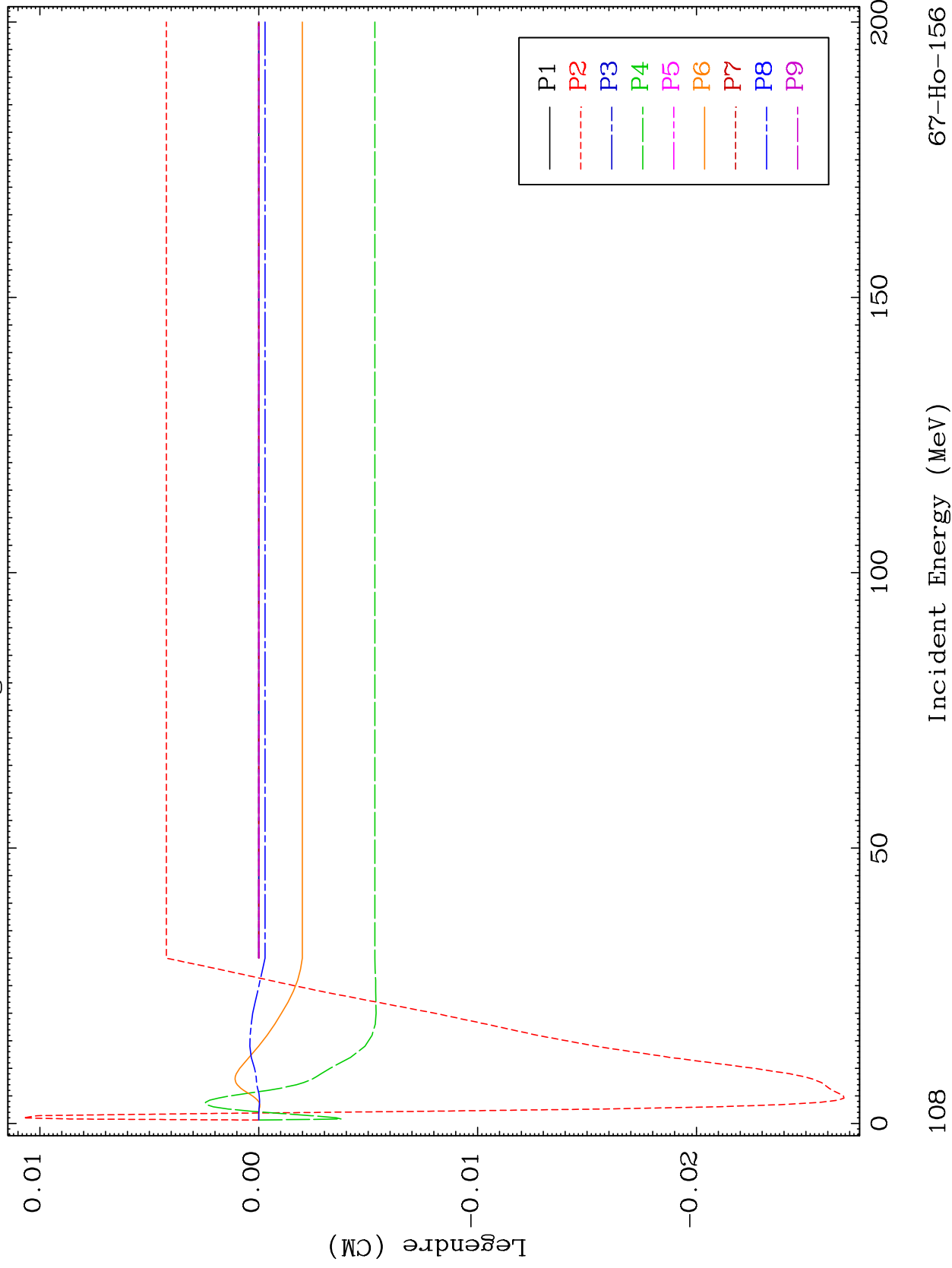
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



67-Ho-156

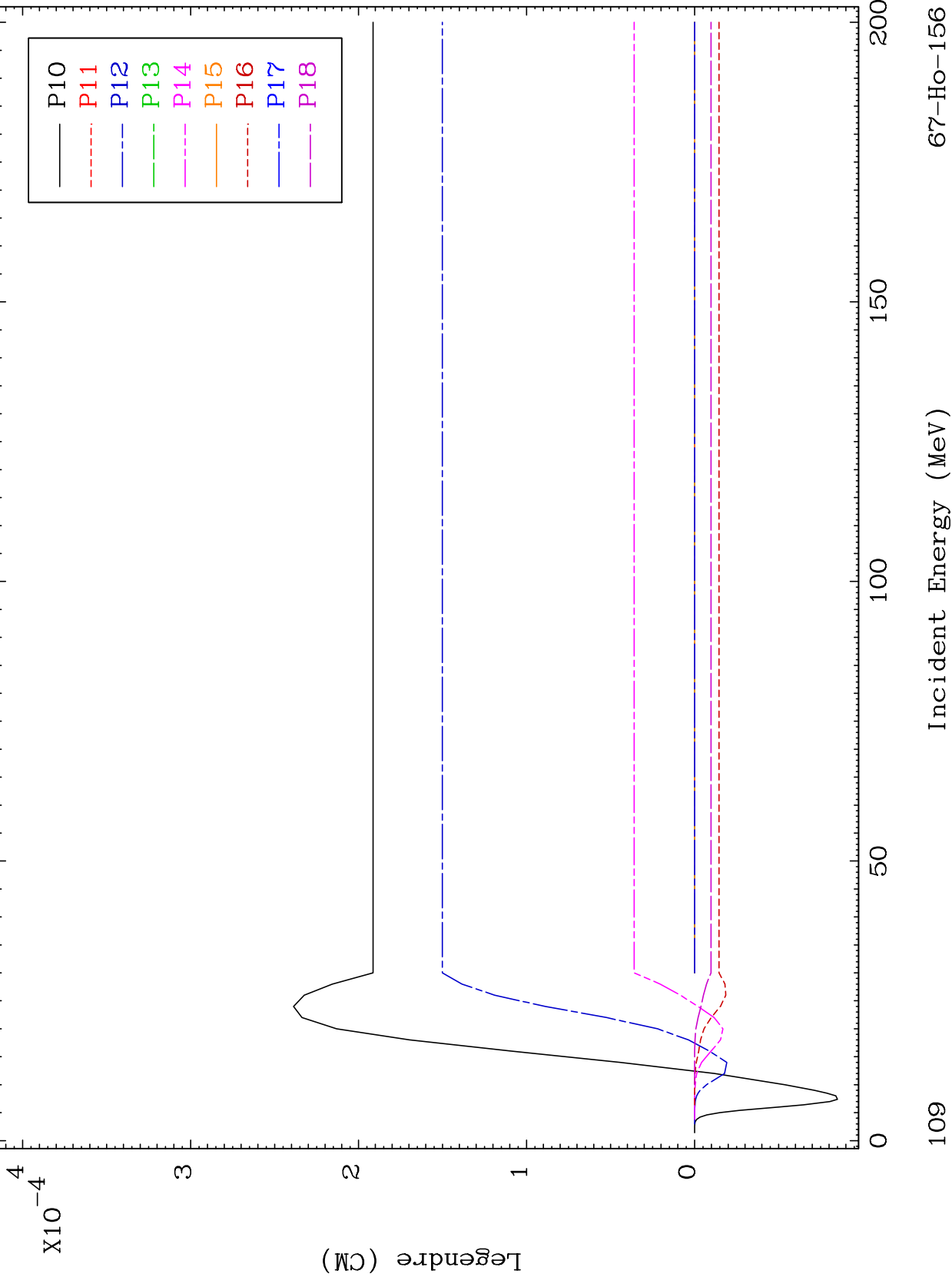
Incident Energy (MeV)

108

MAT 6698

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

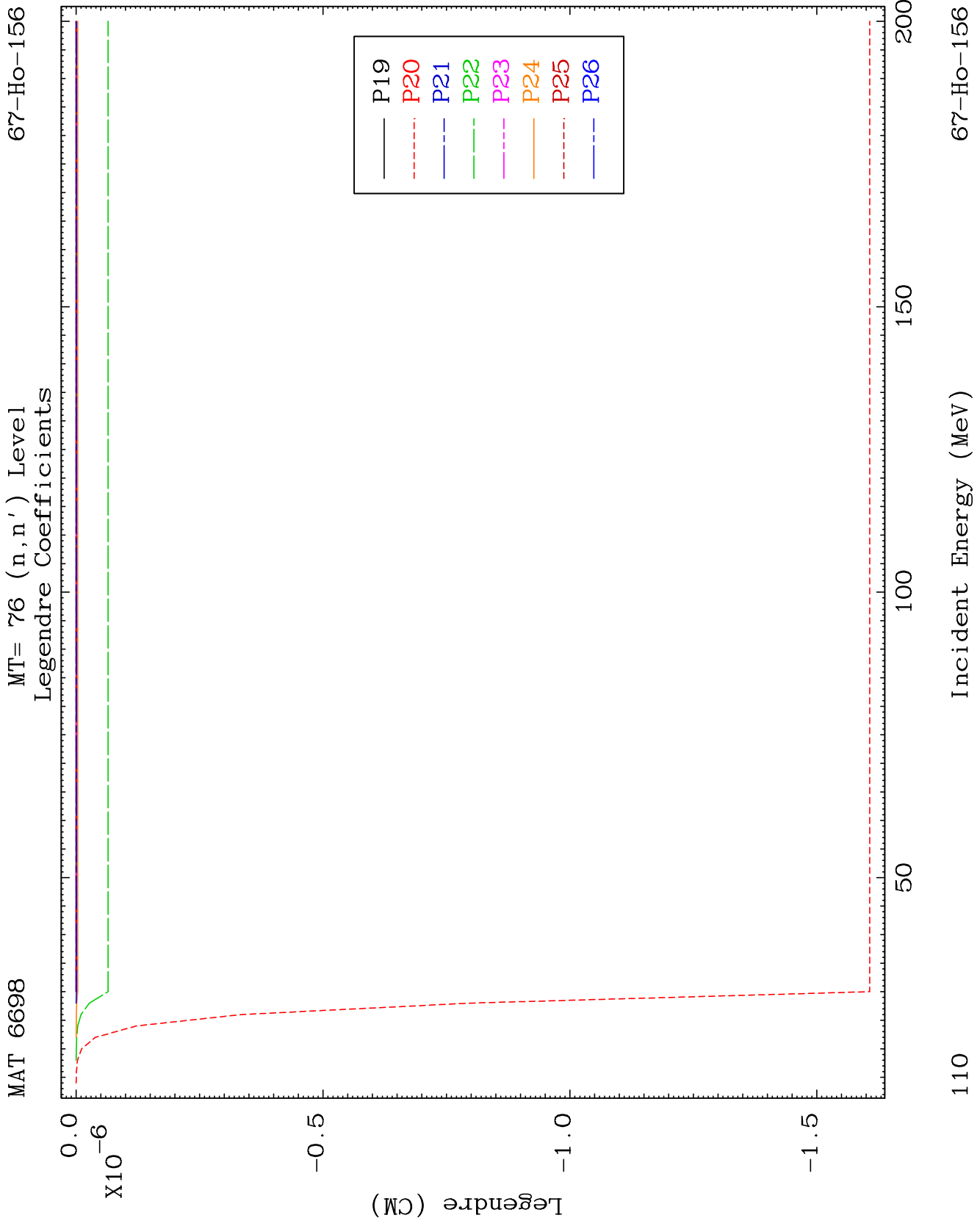
67-Ho-156



67-Ho-156

Incident Energy (MeV)

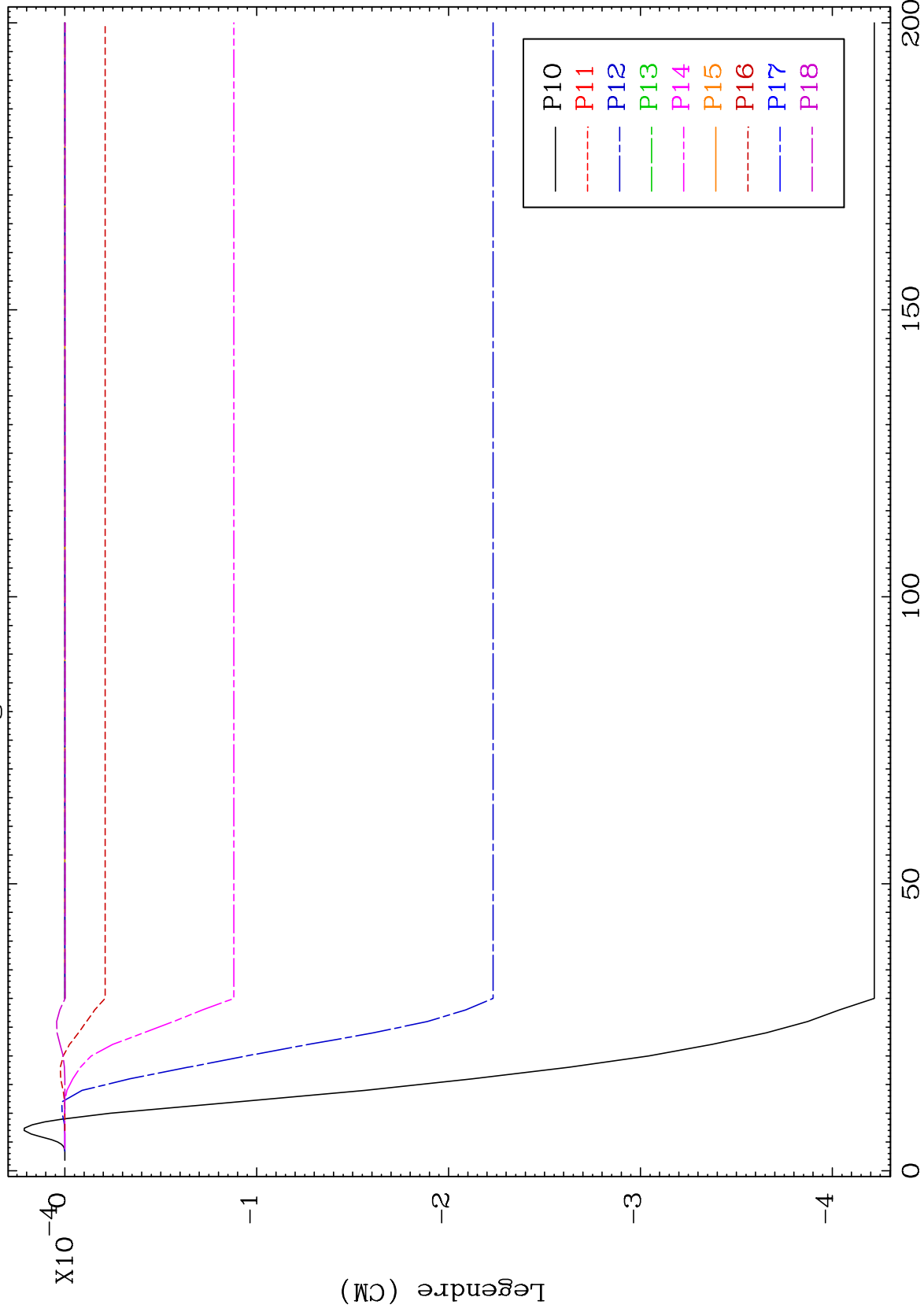
109



MAT 6698

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

67-Ho-156



112

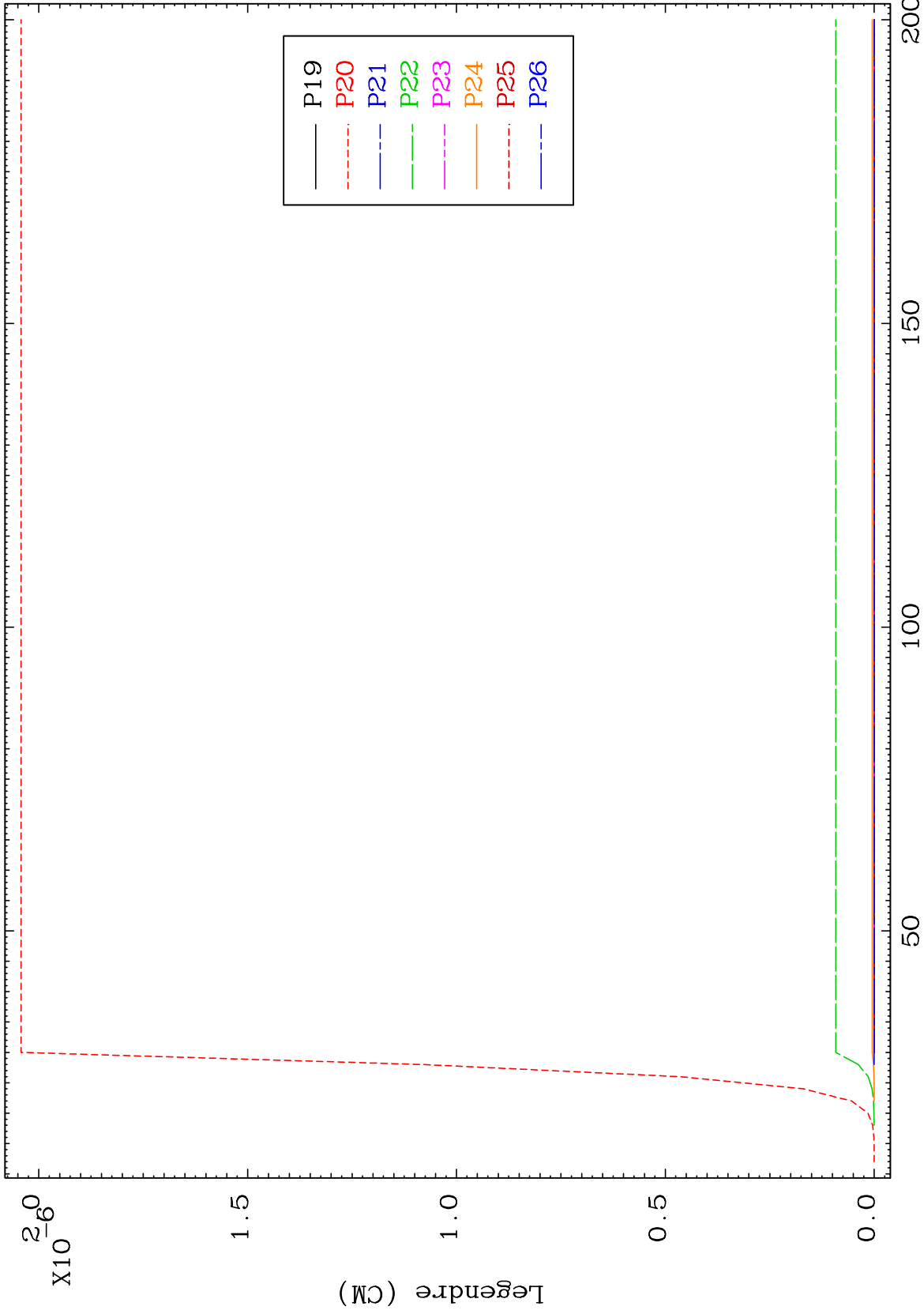
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



113

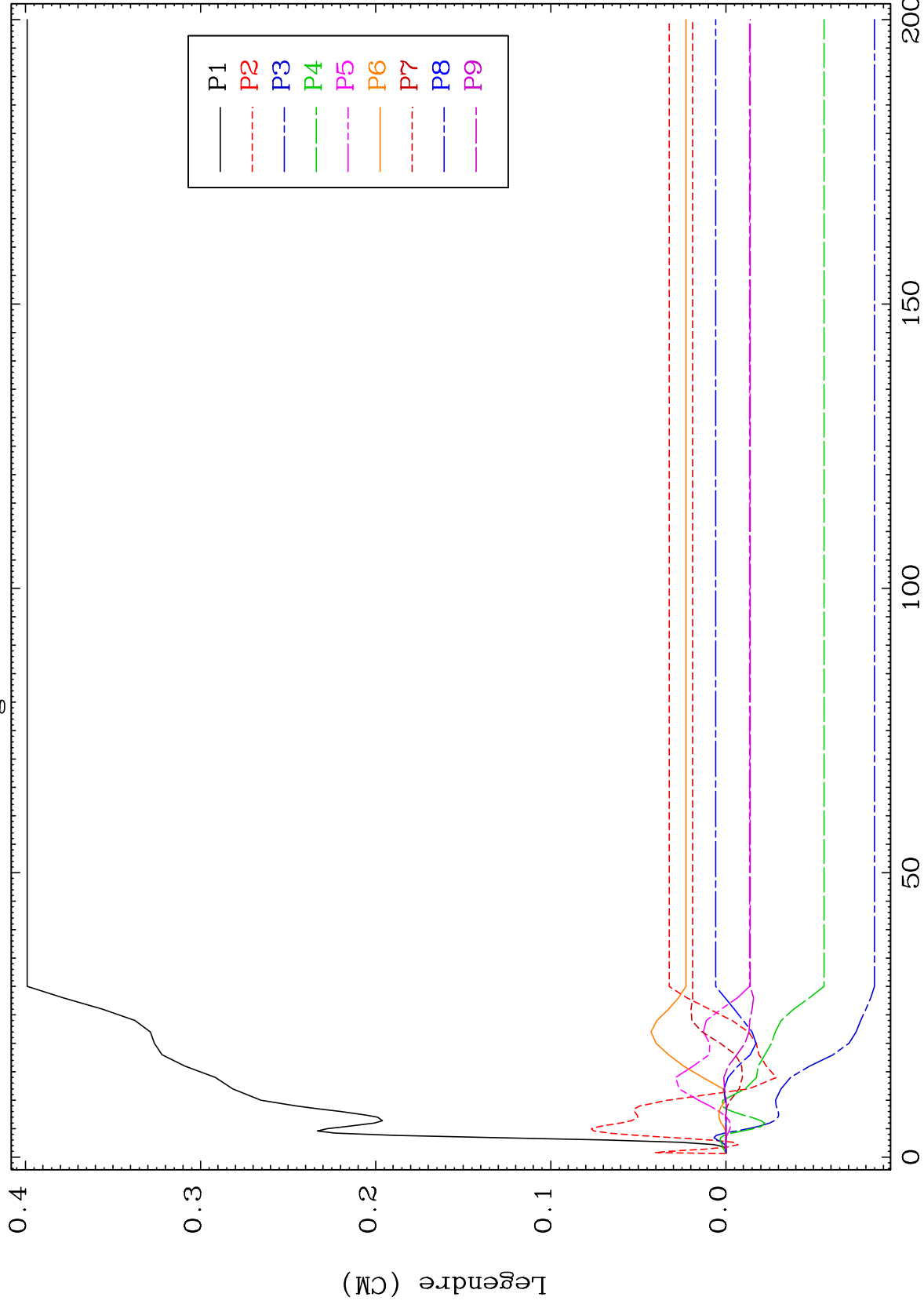
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



114

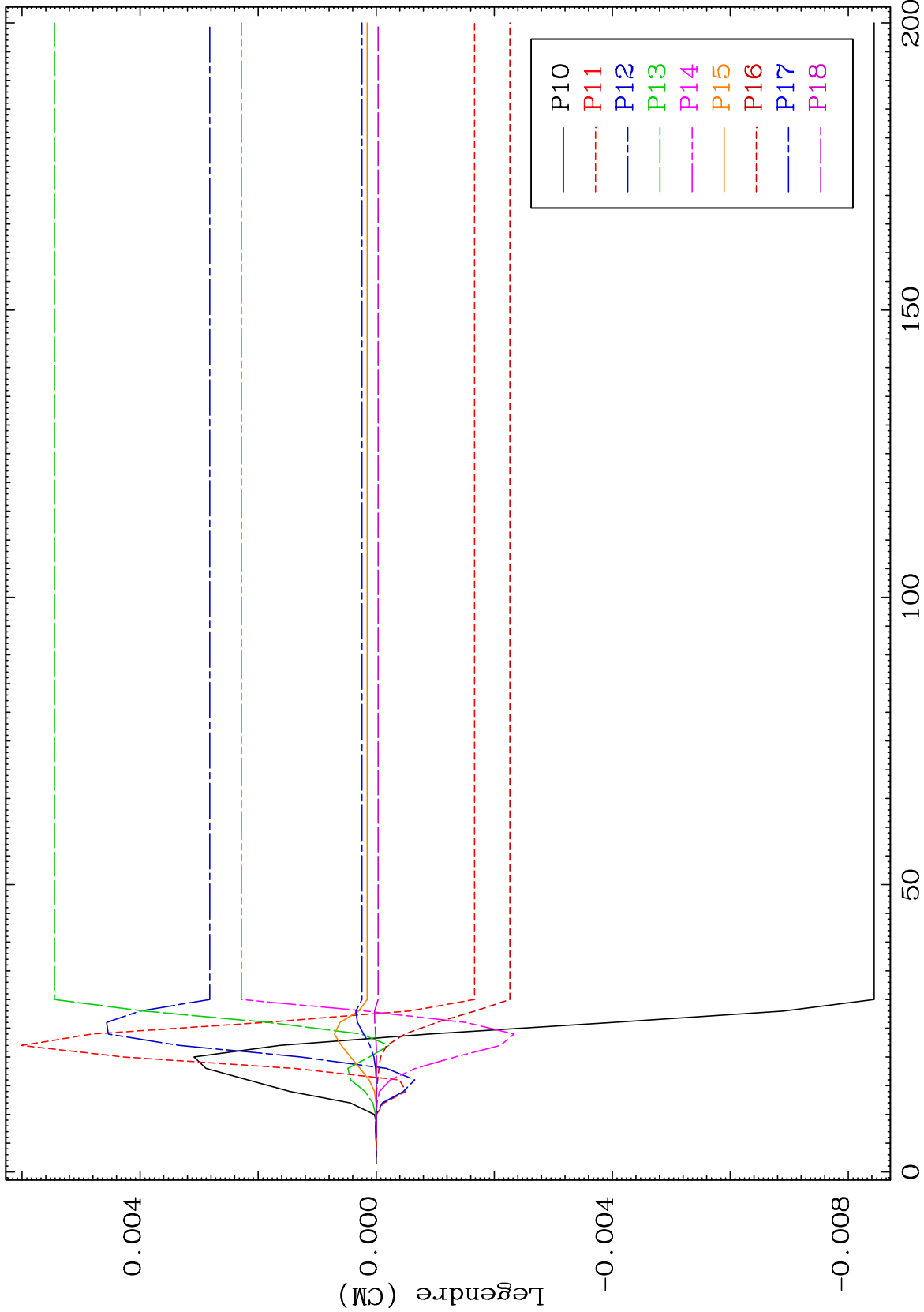
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



115

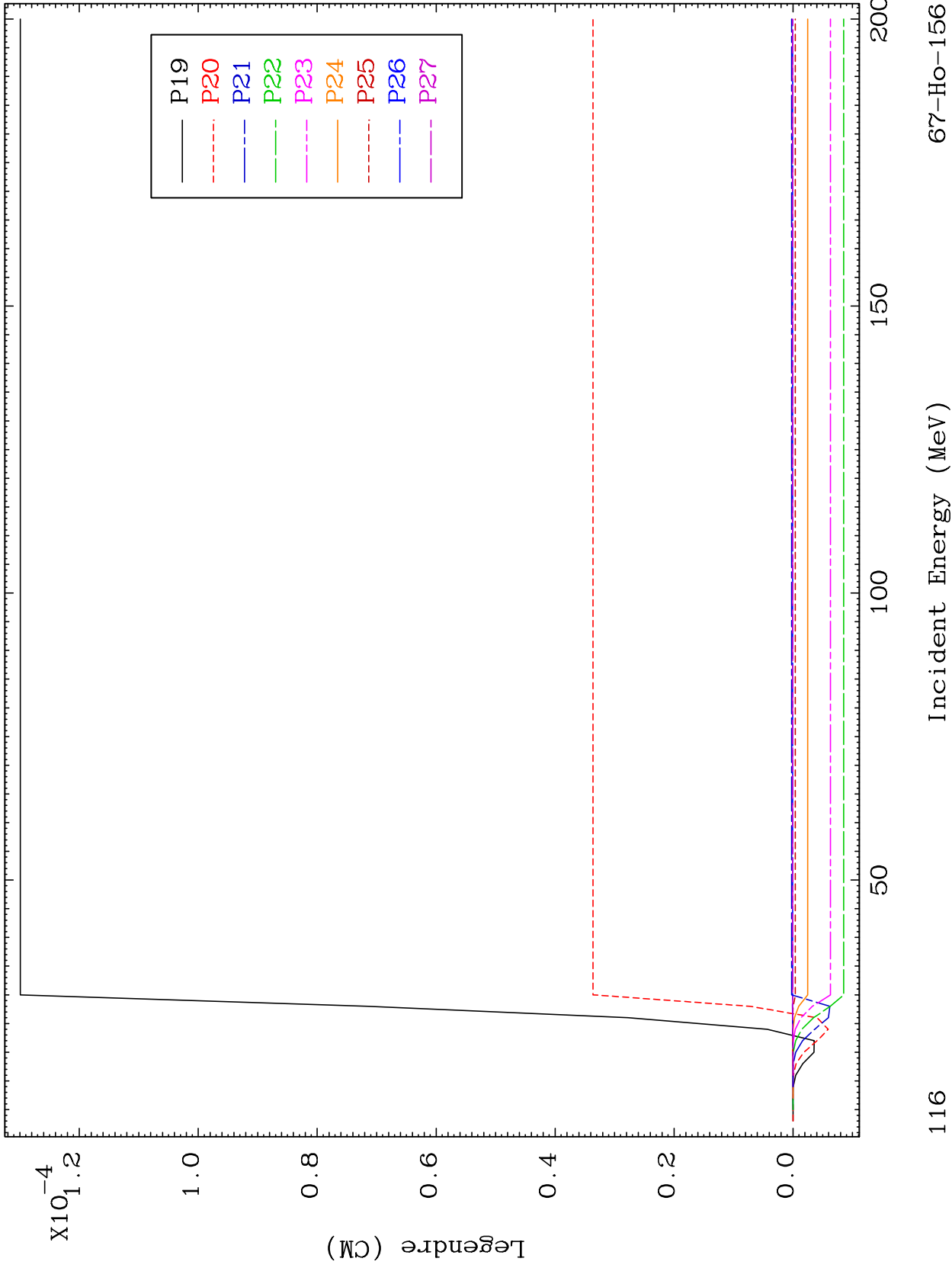
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



116

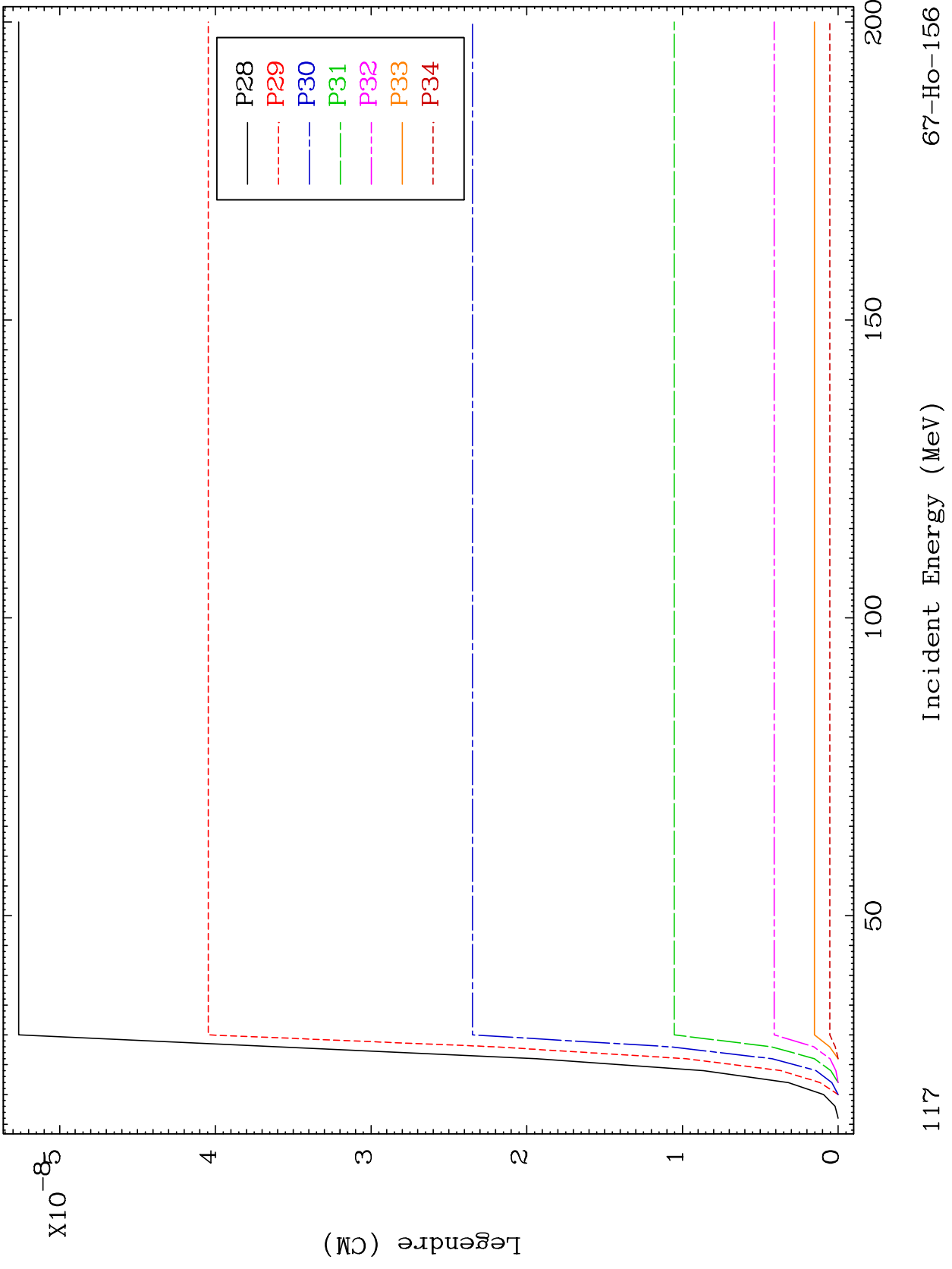
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

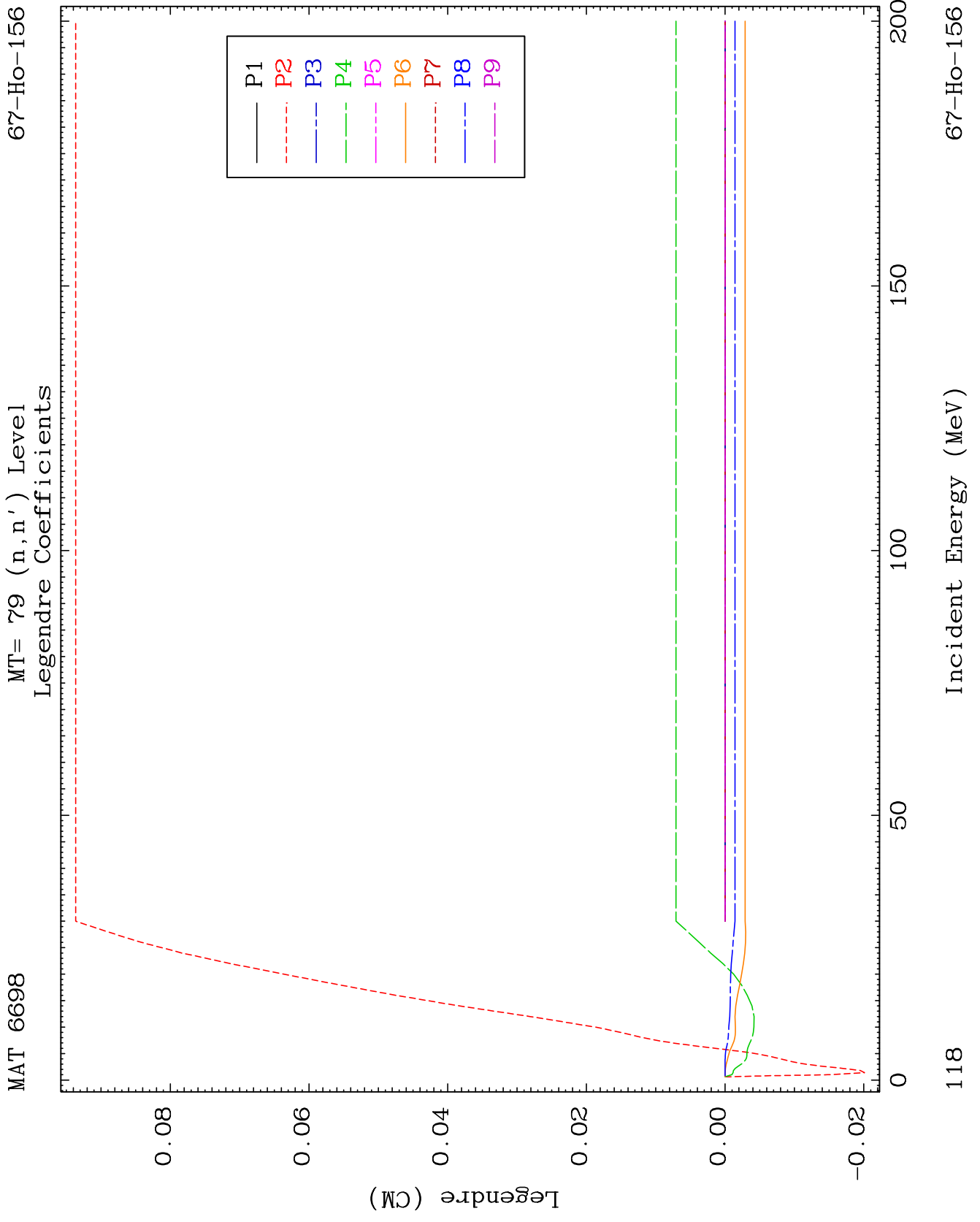
67-Ho-156



117

Incident Energy (MeV)

67-Ho-156



67-Ho-156

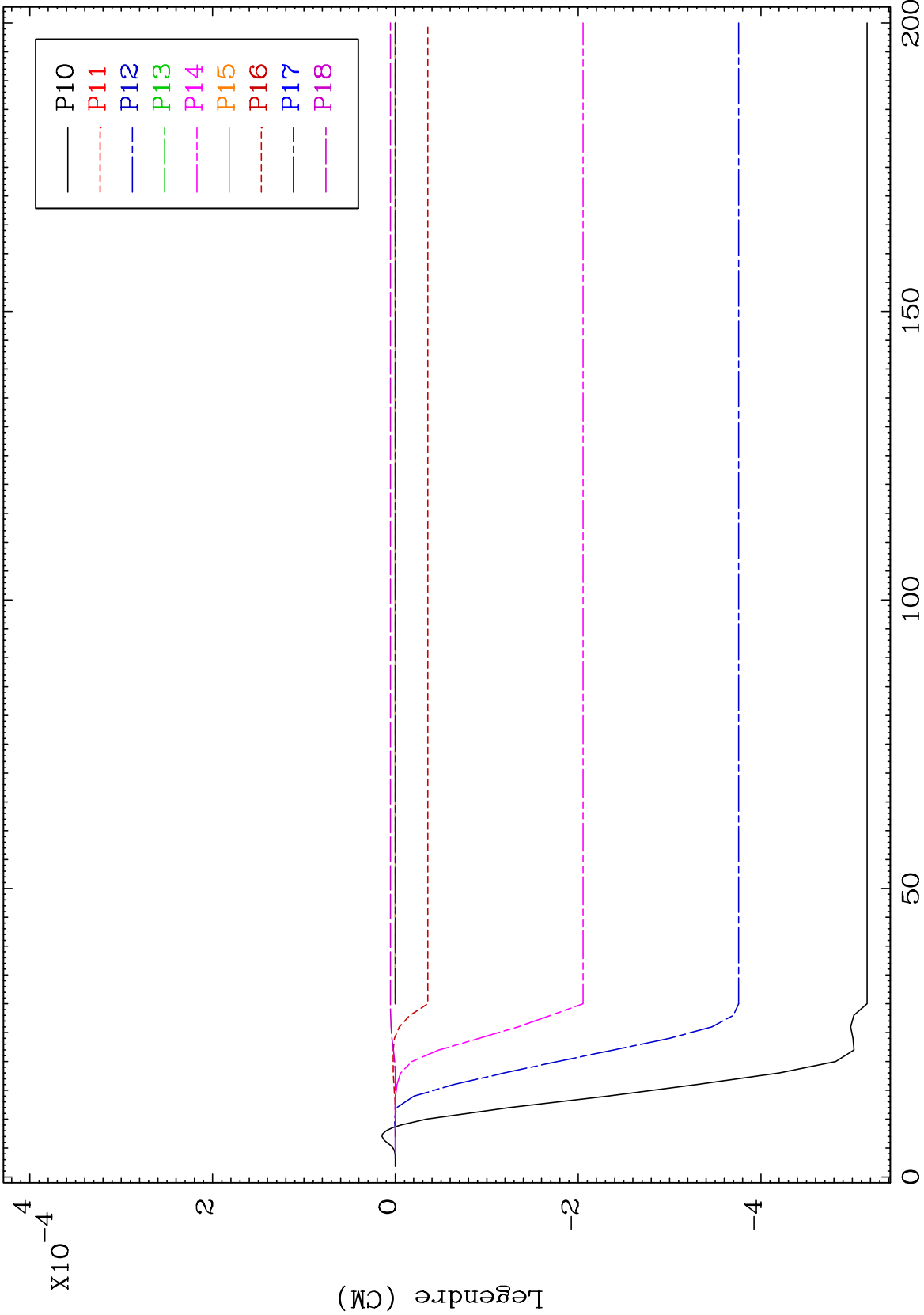
Incident Energy (MeV)

118

MAT 6698

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

67-Ho-156



119

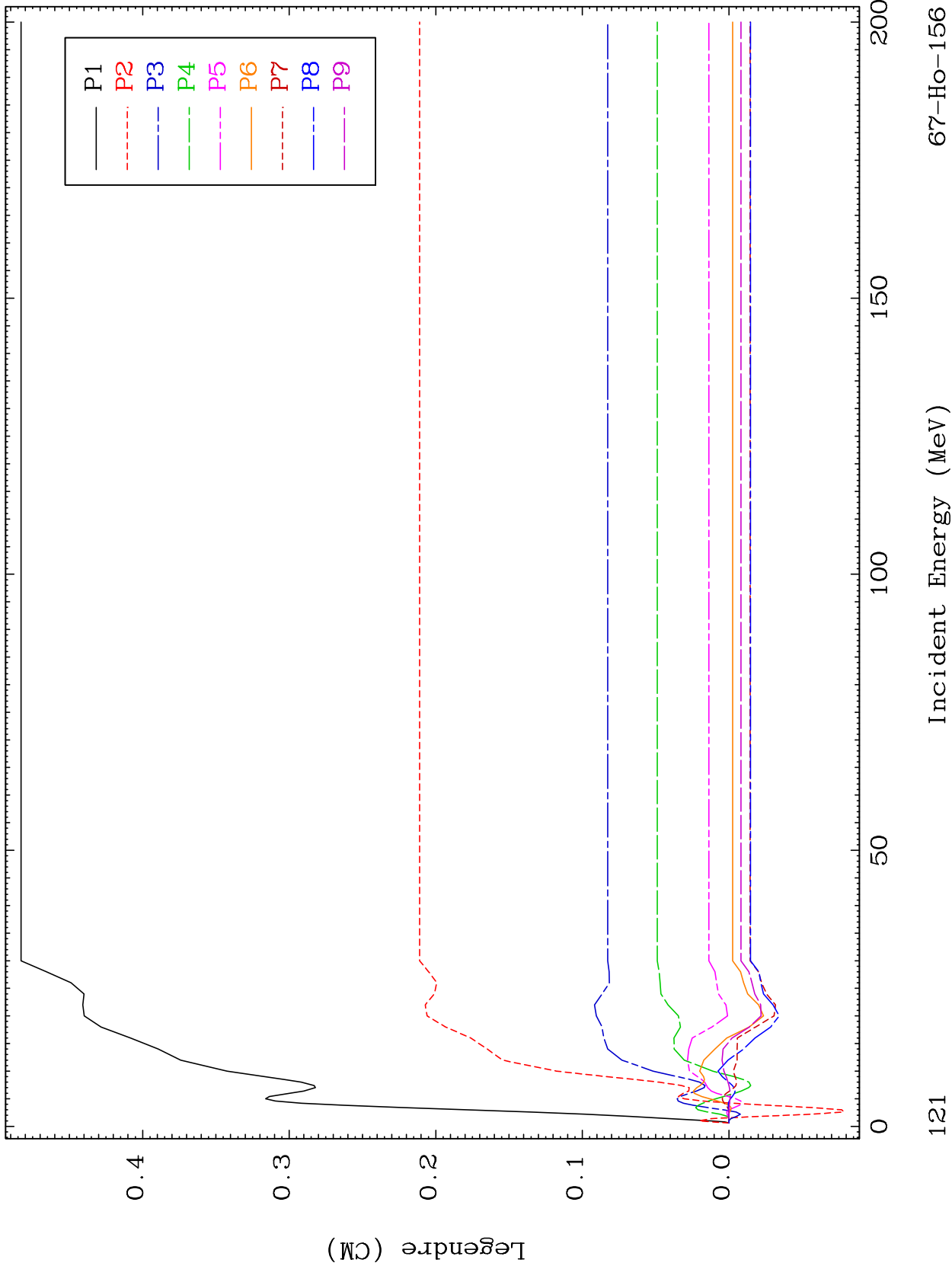
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

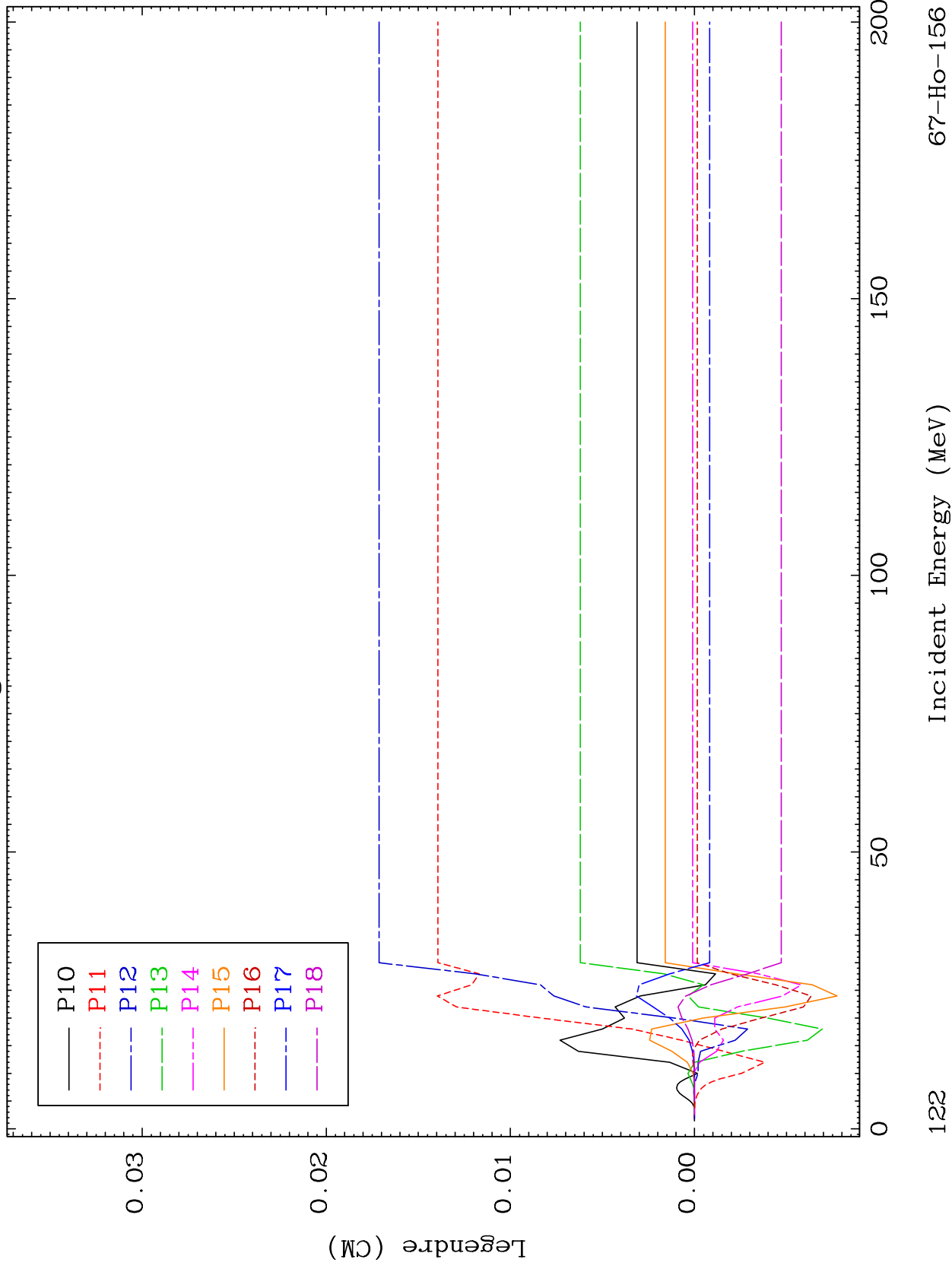
67-Ho-156



MAT 6698

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

67-Ho-156



122

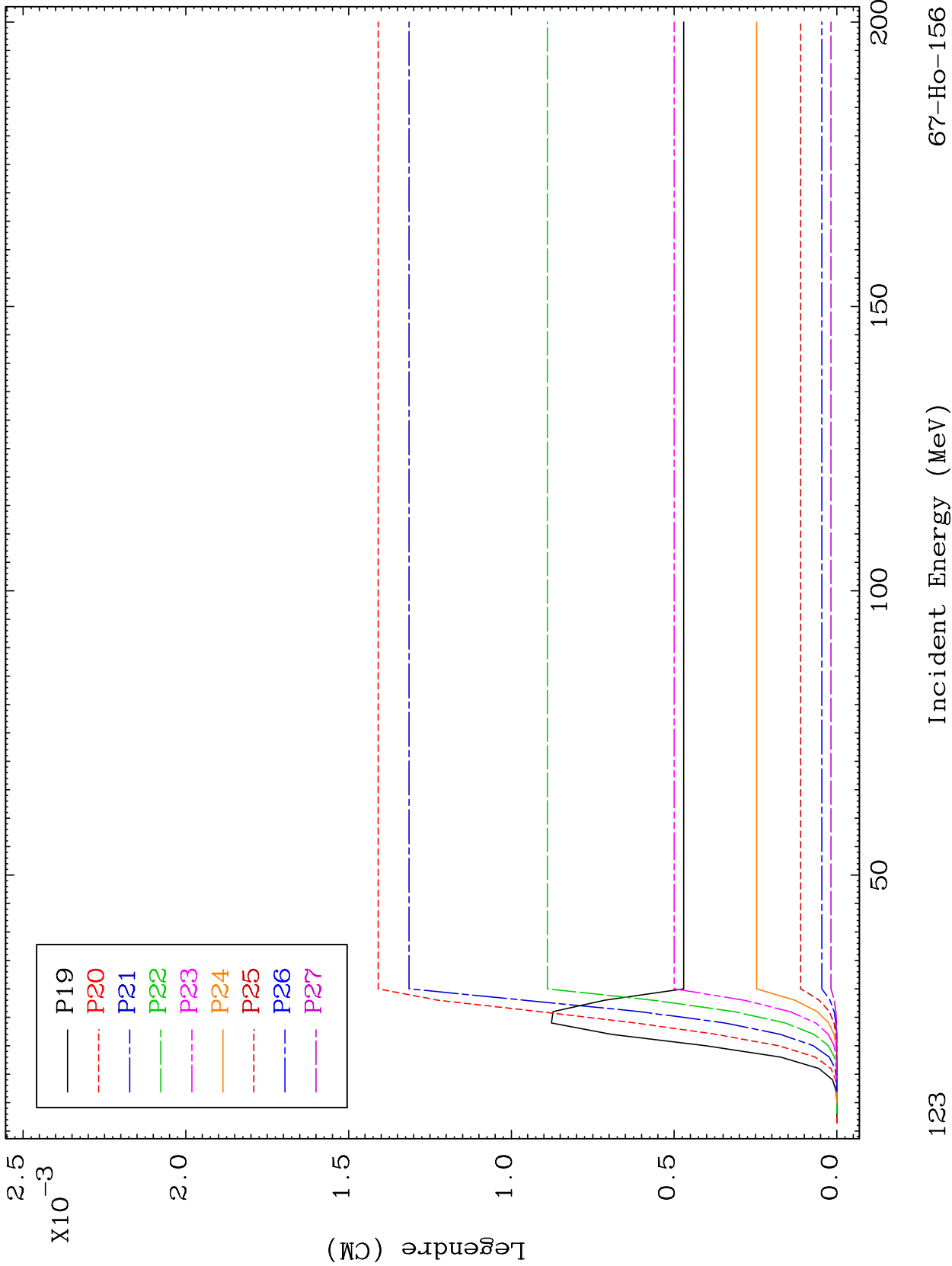
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



123

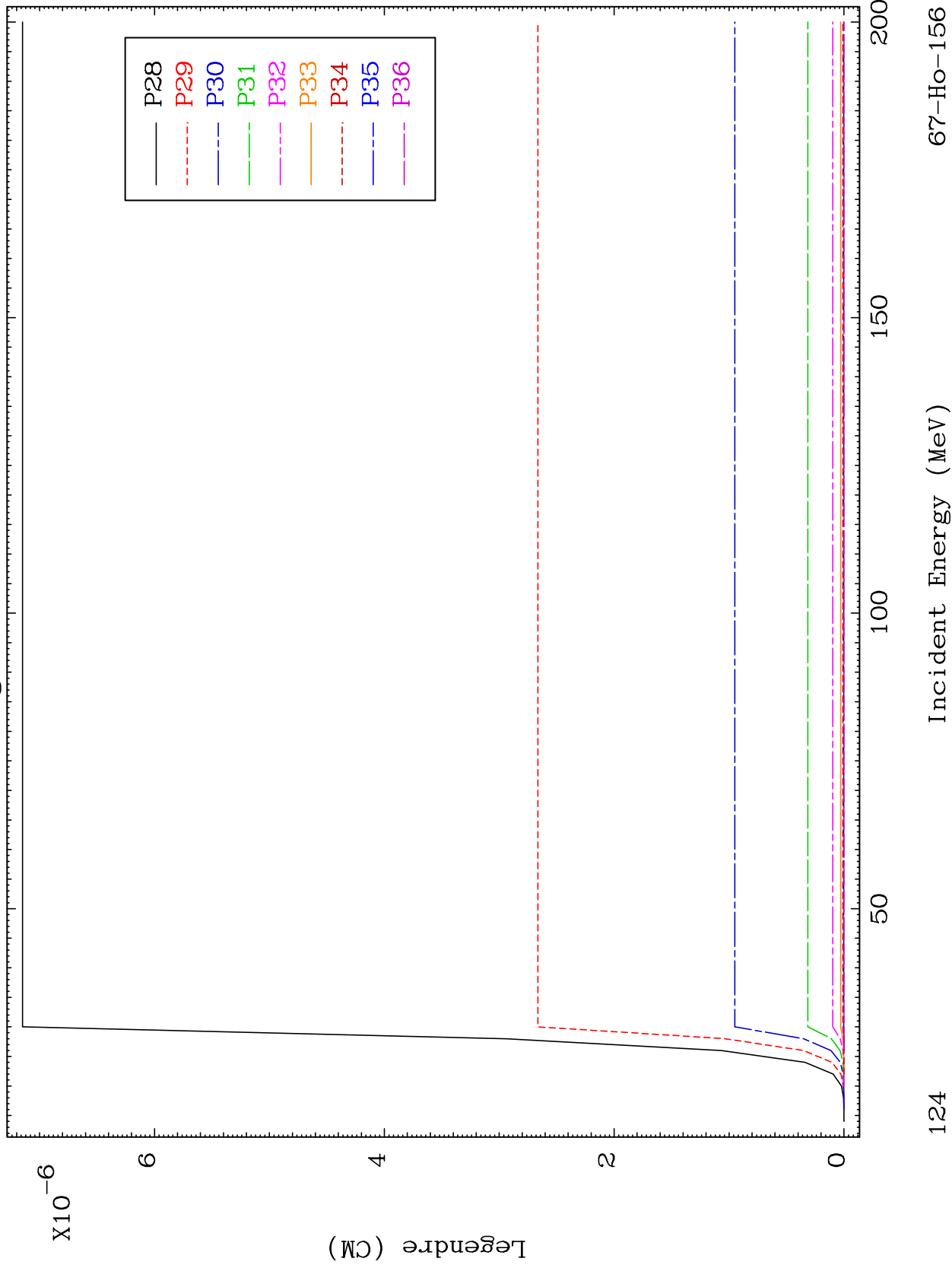
Incident Energy (MeV)

67-Ho-156

MAT 6698

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

67-Ho-156



124

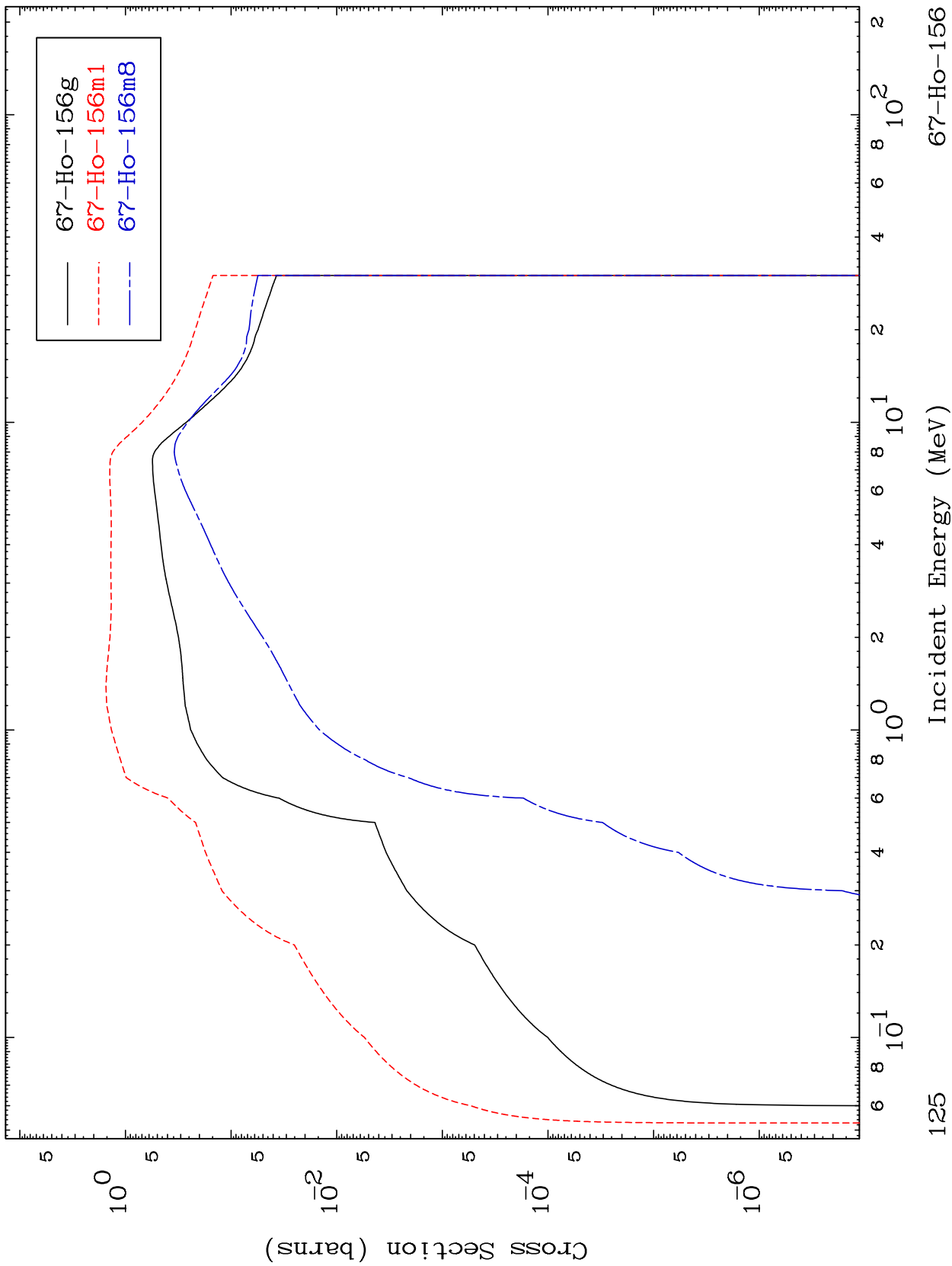
Incident Energy (MeV)

67-Ho-156

MAT 6698

67-Ho-156

Inelastic
Radionuclide Production Cross Section



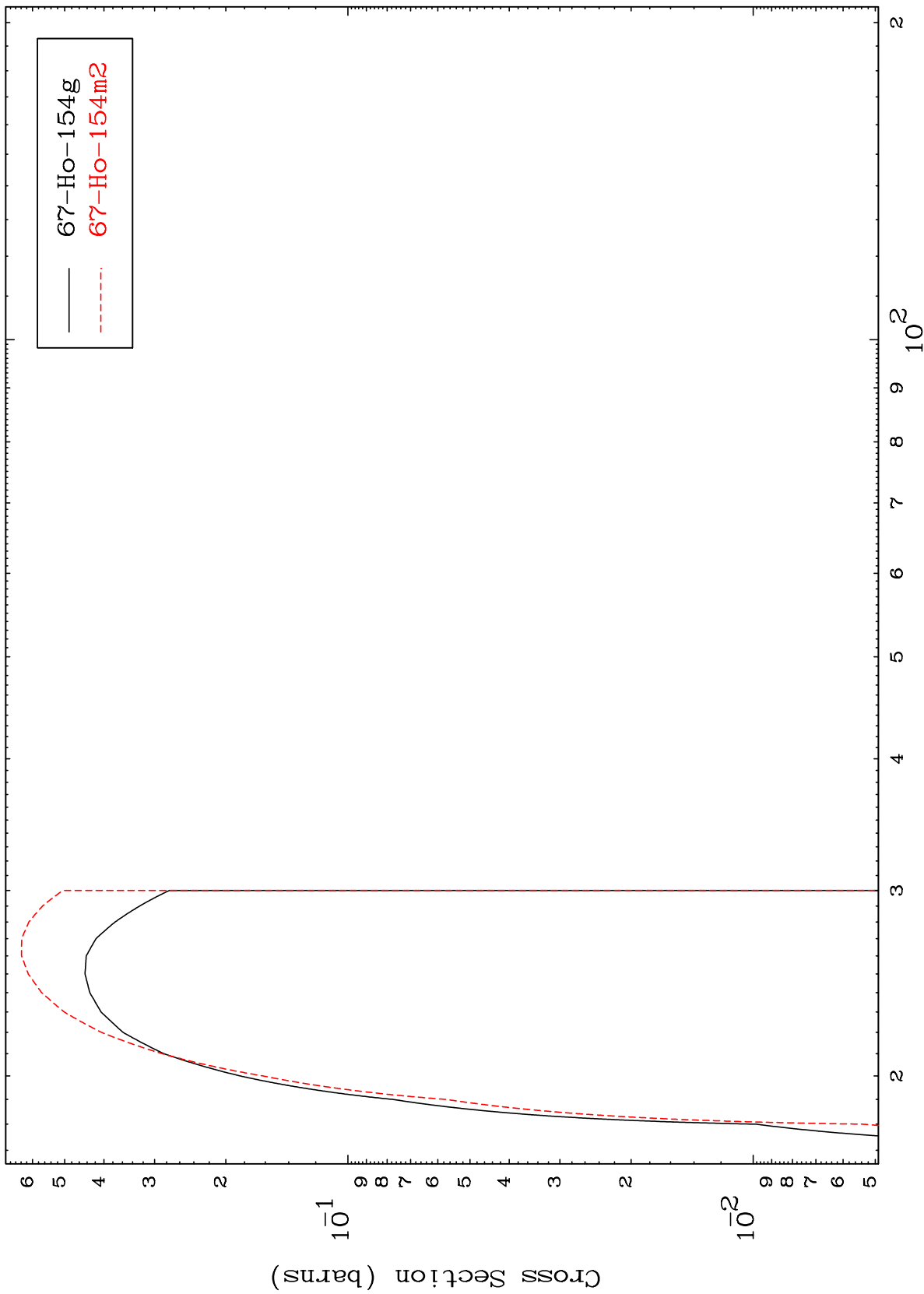
125

67-Ho-156

MAT 6698

67-Ho-156

(n,3n)
Radionuclide Production Cross Section



126

Incident Energy (MeV)

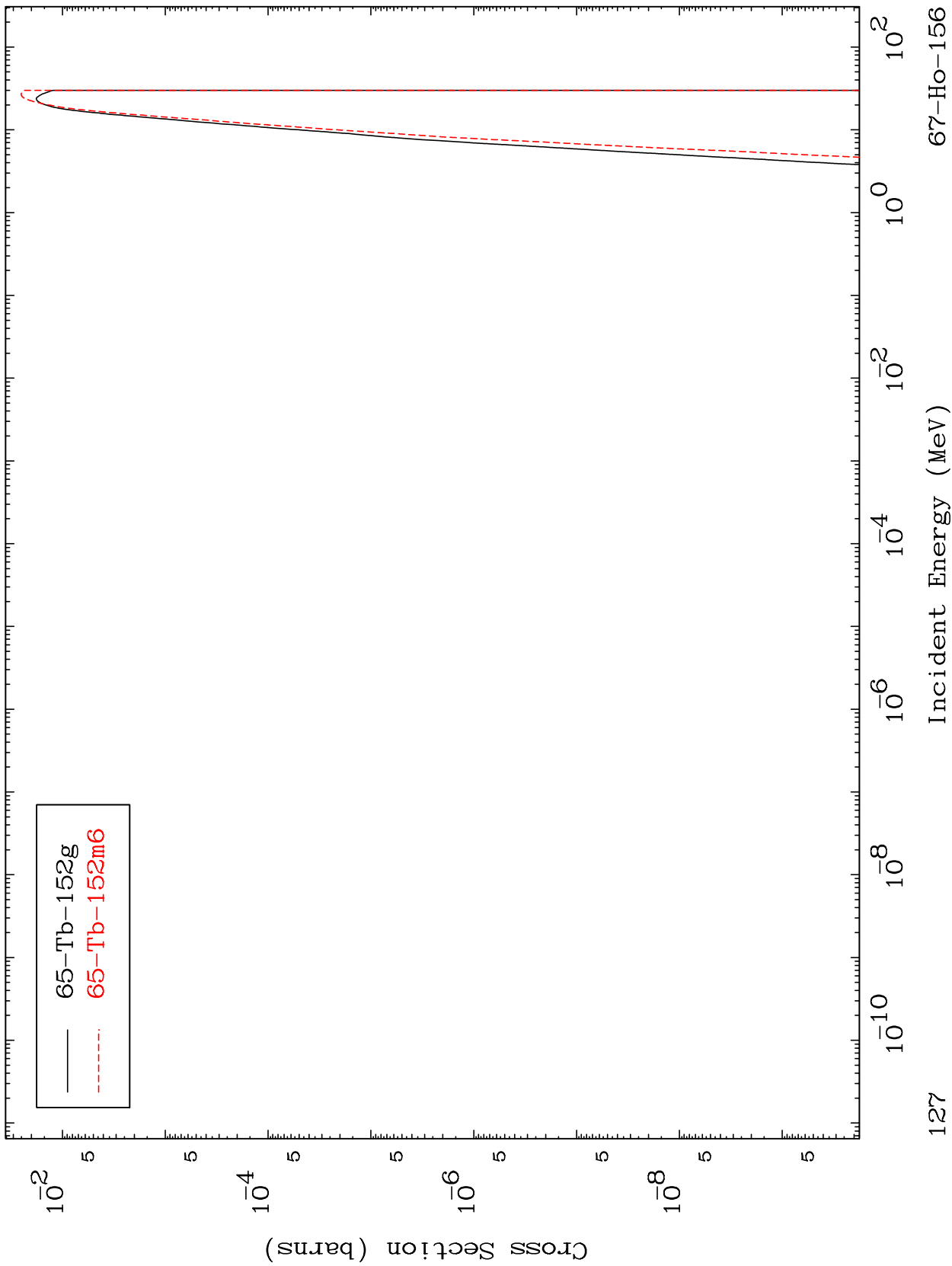
67-Ho-156

MAT 6698

$(n, n') \alpha$

67-Ho-156

Radionuclide Production Cross Section

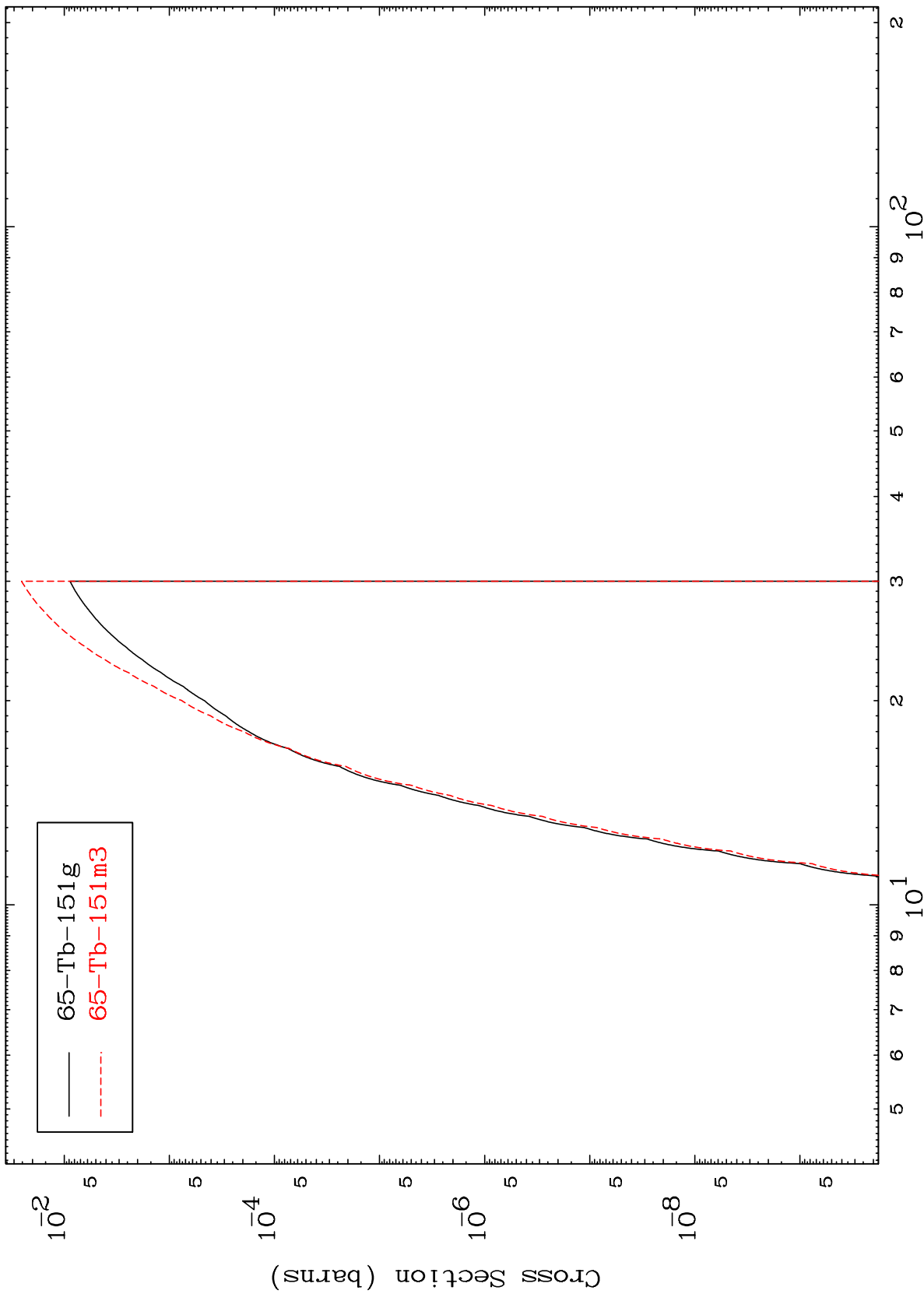


MAT 6698

(n,2n) α

67-Ho-156

Radionuclide Production Cross Section

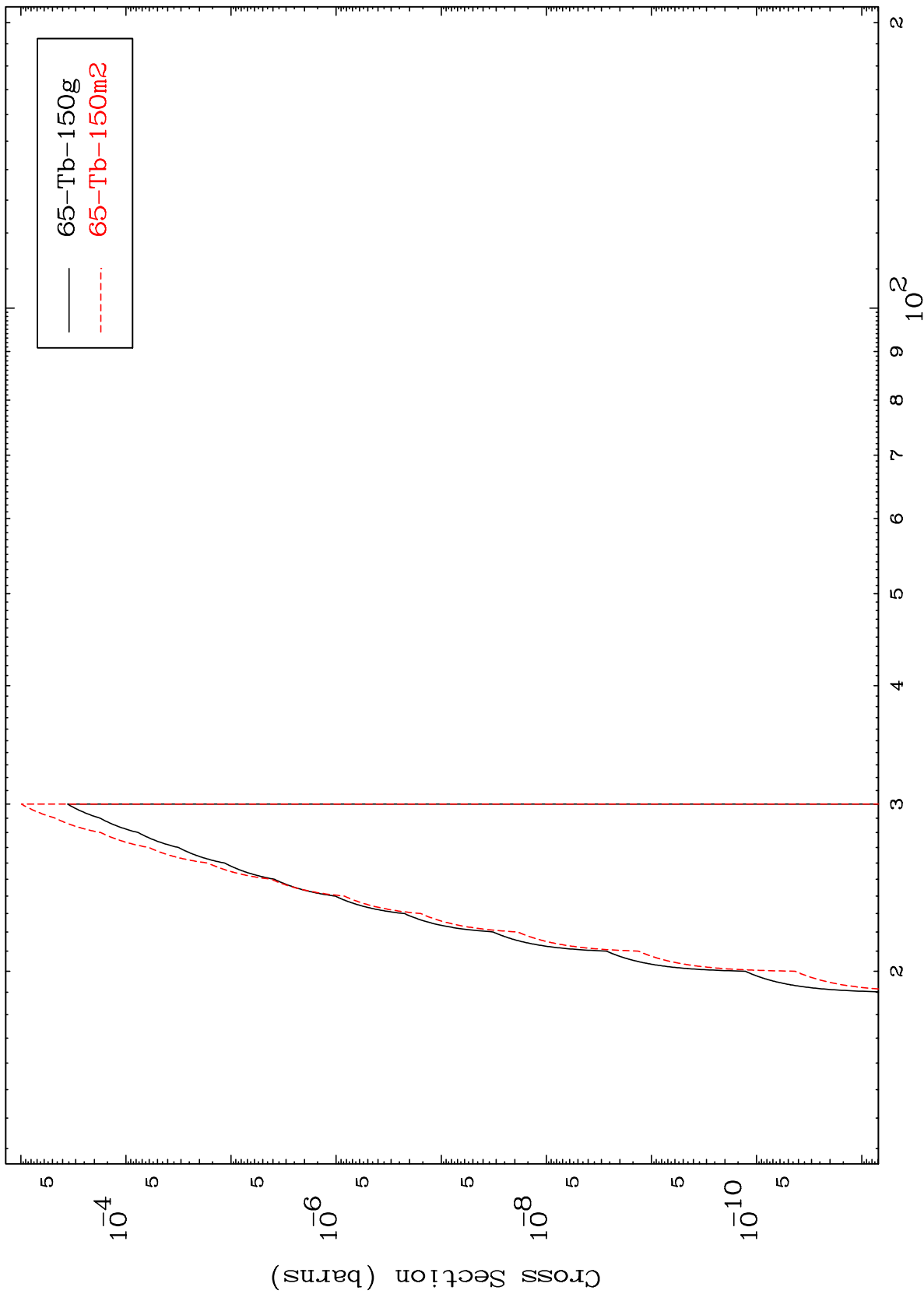


128

Incident Energy (MeV)

67-Ho-156

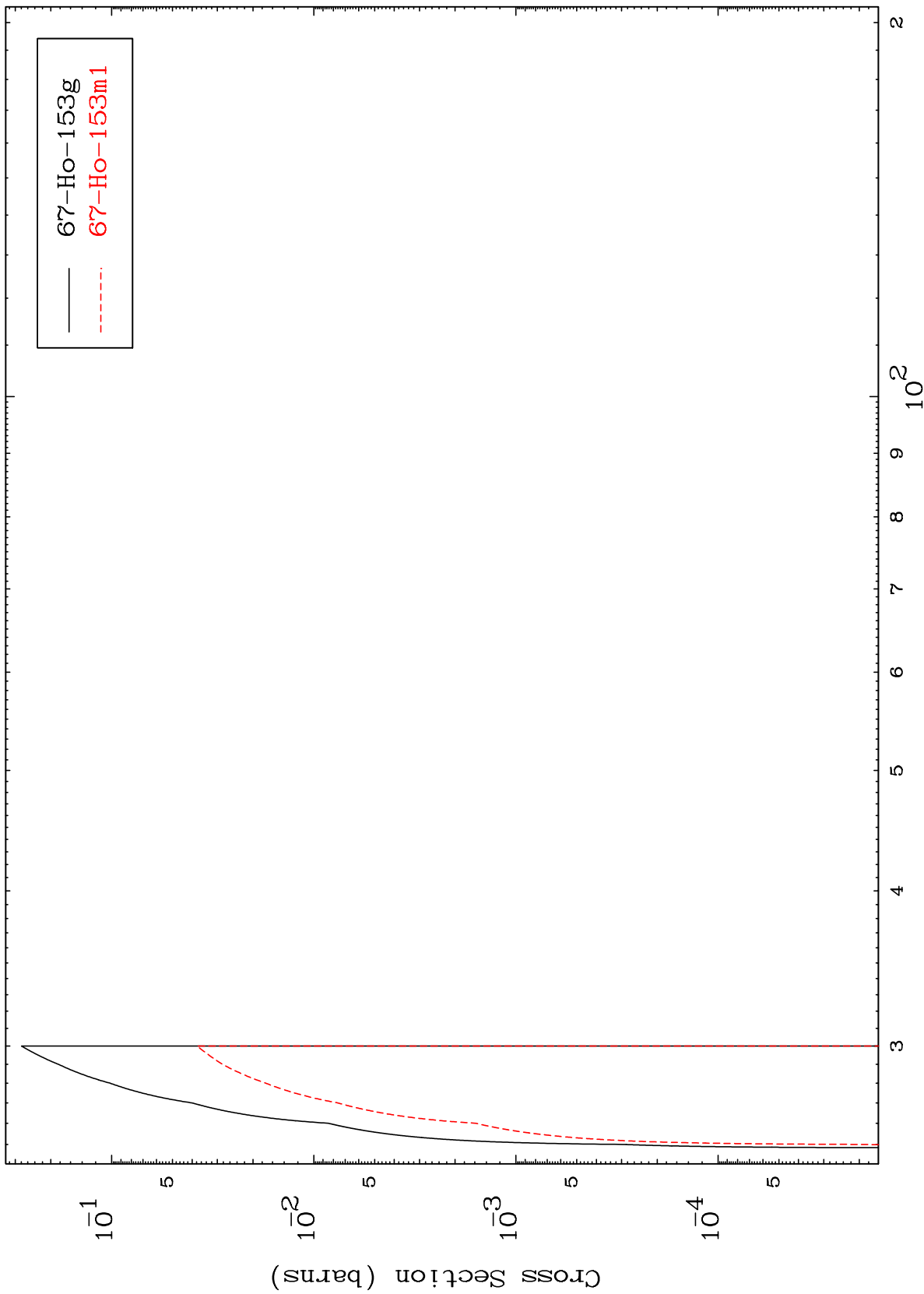
Radionuclide Production Cross Section



MAT 6698

67-Ho-156

(n,4n)
Radionuclide Production Cross Section



130

67-Ho-156

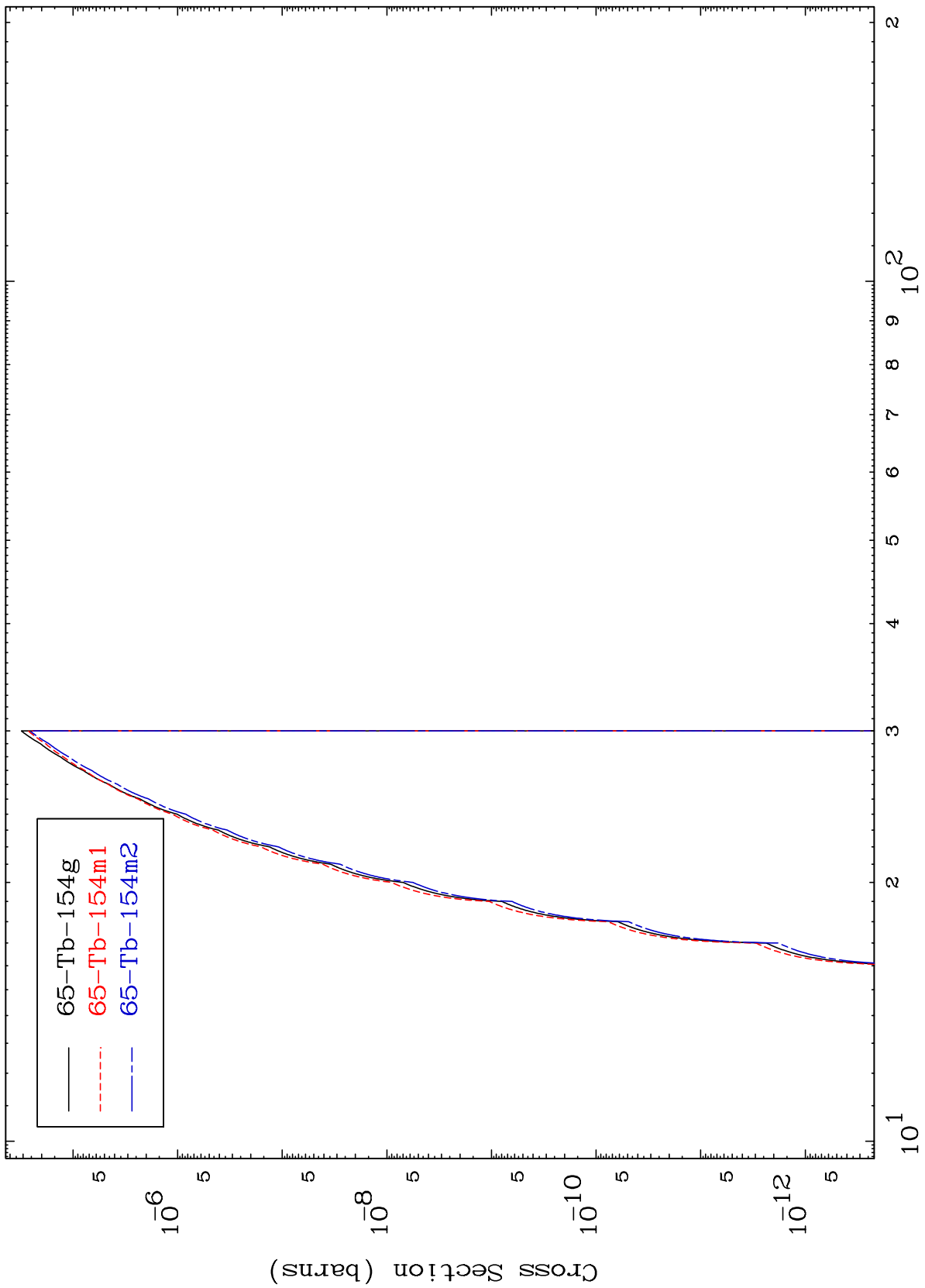
Incident Energy (MeV)

MAT 6698

(n,2n) p

67-Ho-156

Radionuclide Production Cross Section



131

Incident Energy (MeV)

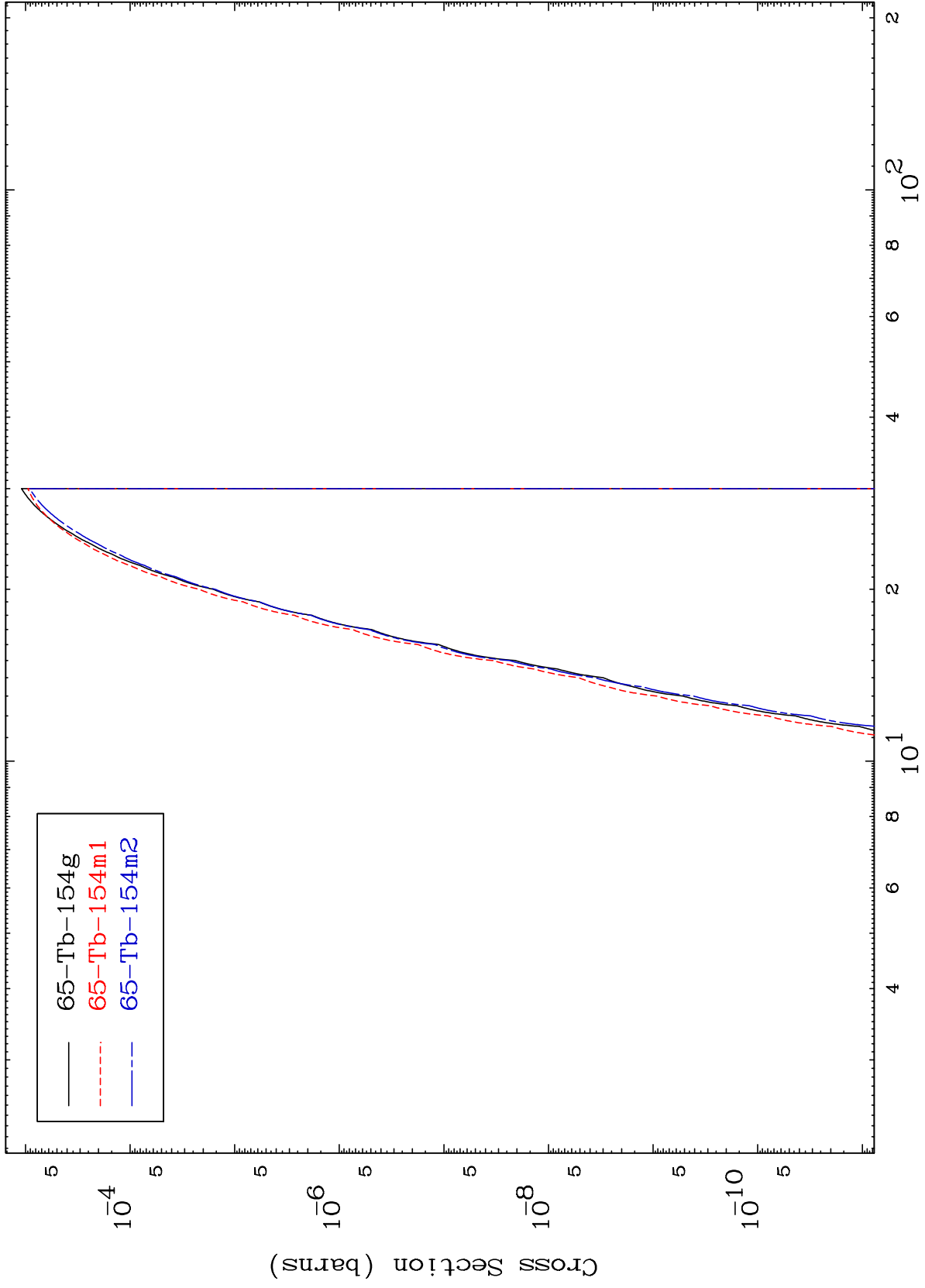
67-Ho-156

MAT 6698

(n,He-3)

67-Ho-156

Radionuclide Production Cross Section



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

132

Incident Energy (MeV)

67-Ho-156

MAT 6698

(n,p) d

67-Ho-156

