

Program EVALPLOT
(Version 2015-2)

by

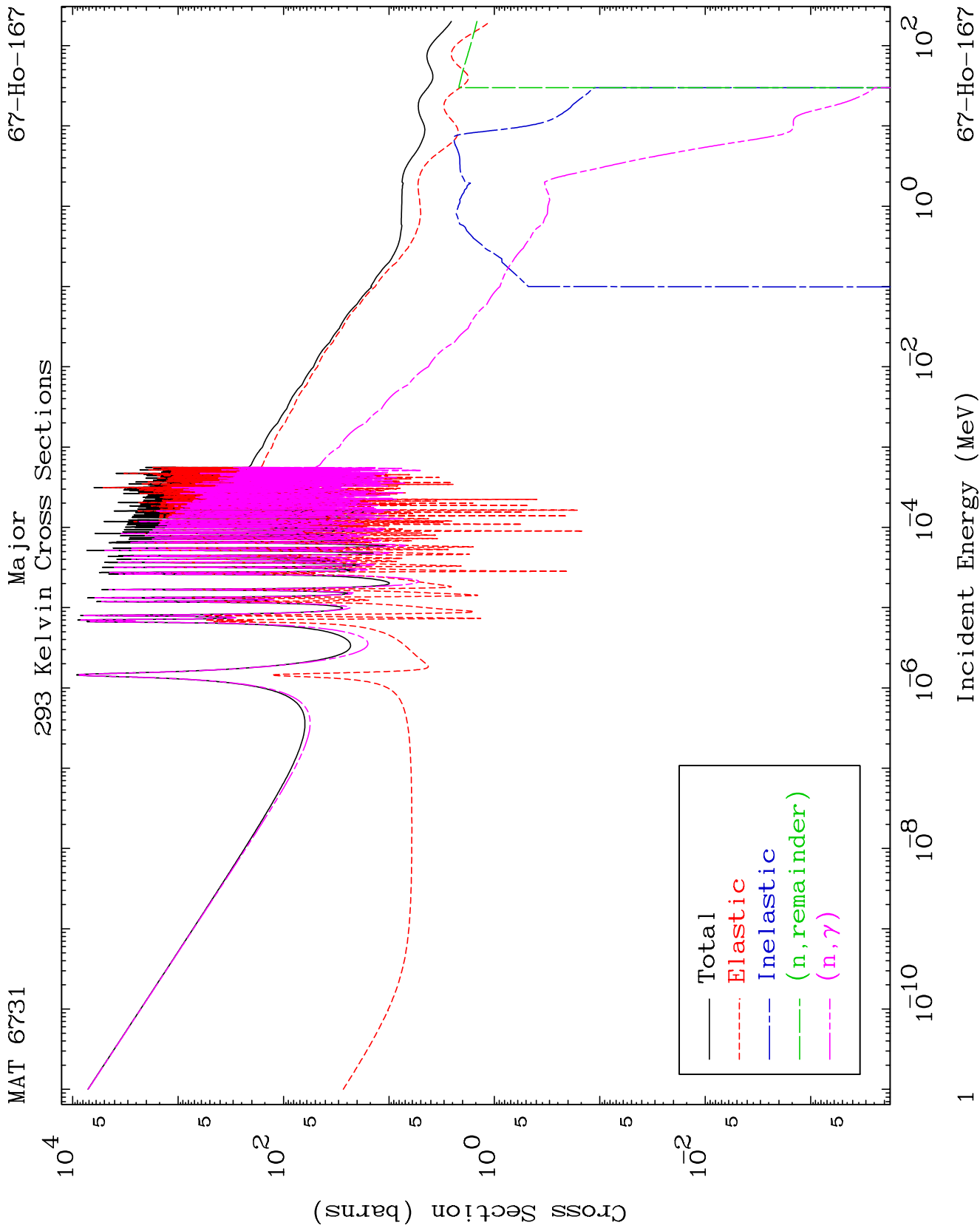
Dermott E. Cullen
(Present Contact Information)

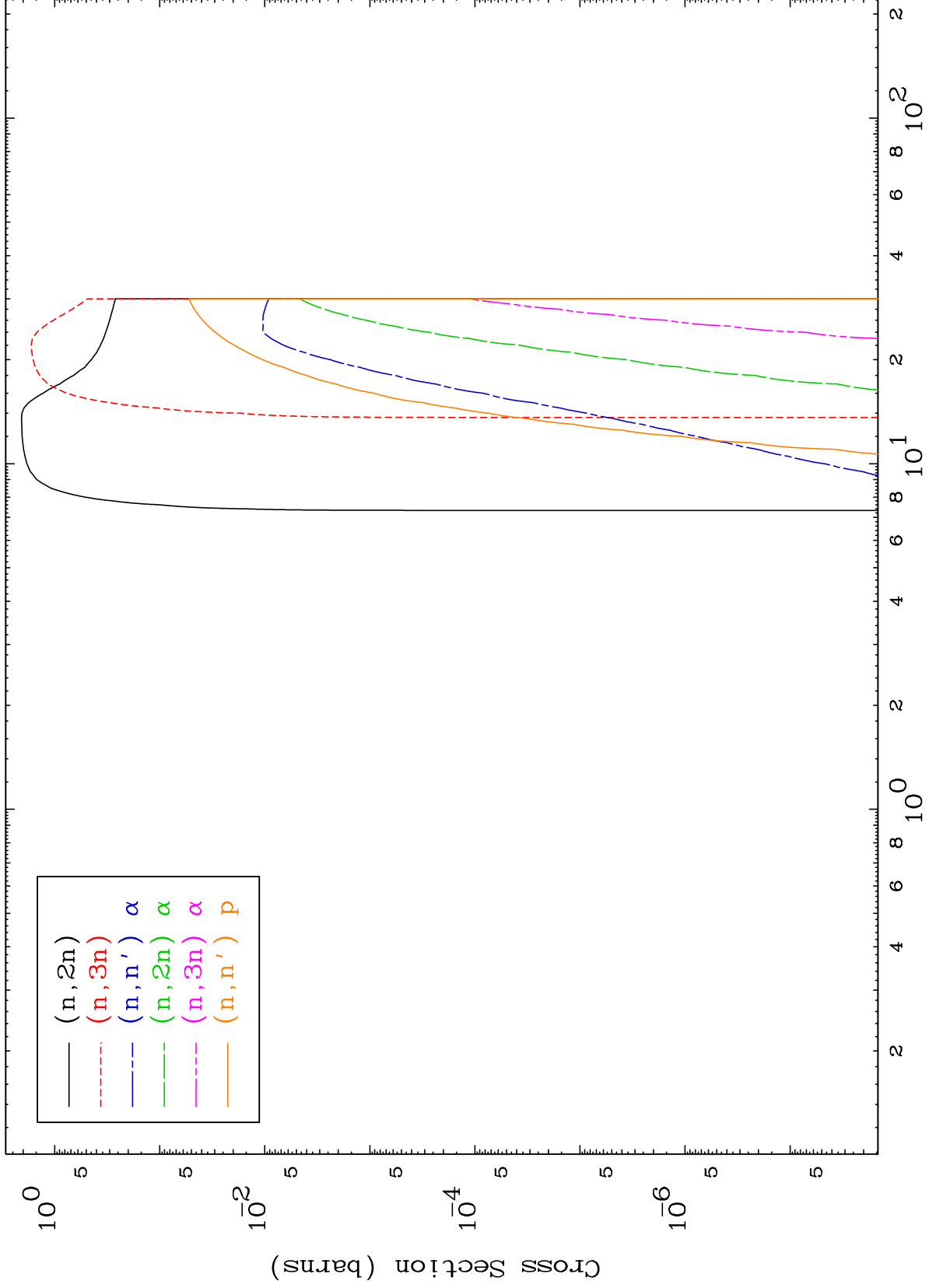
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

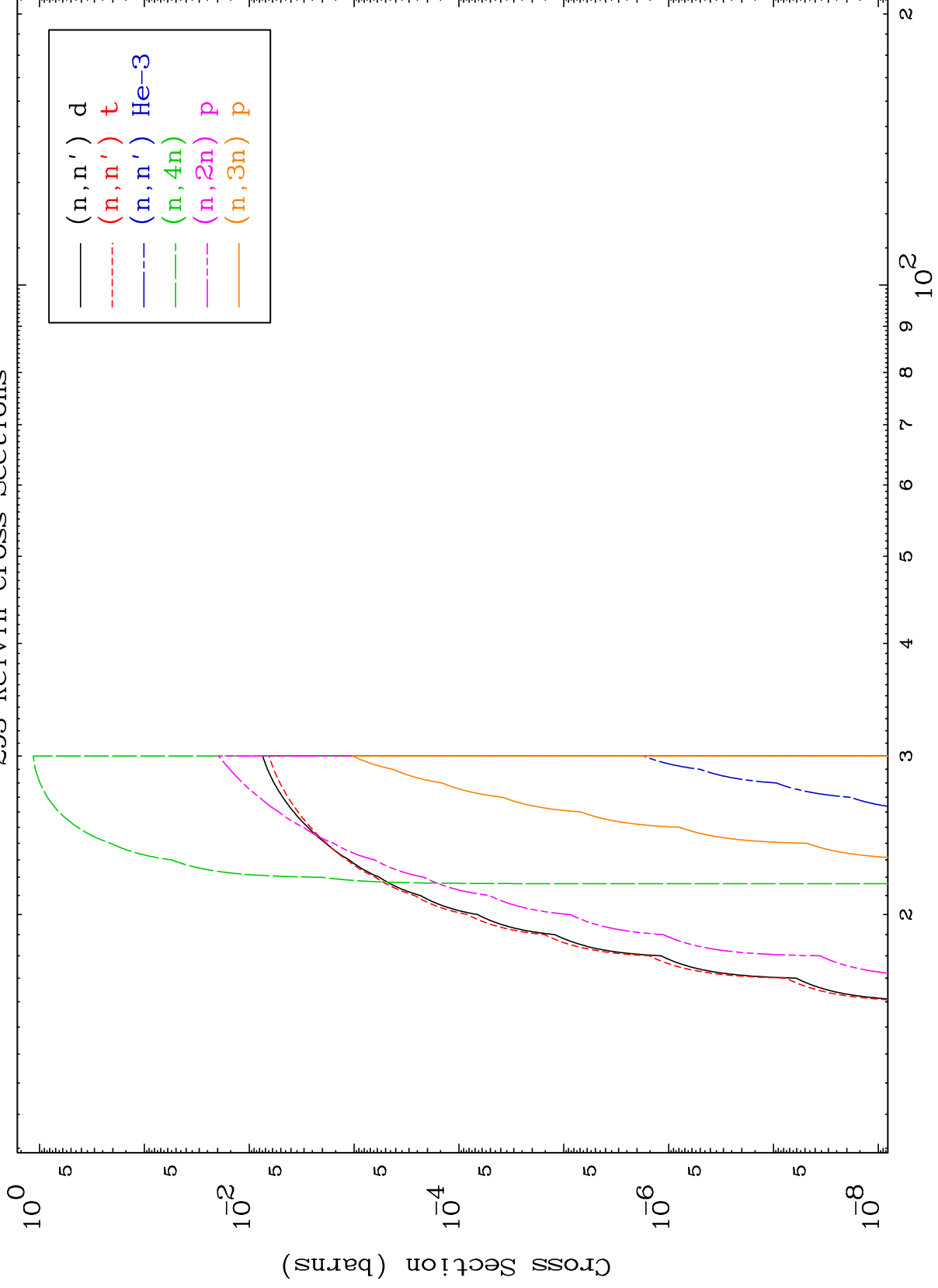
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start



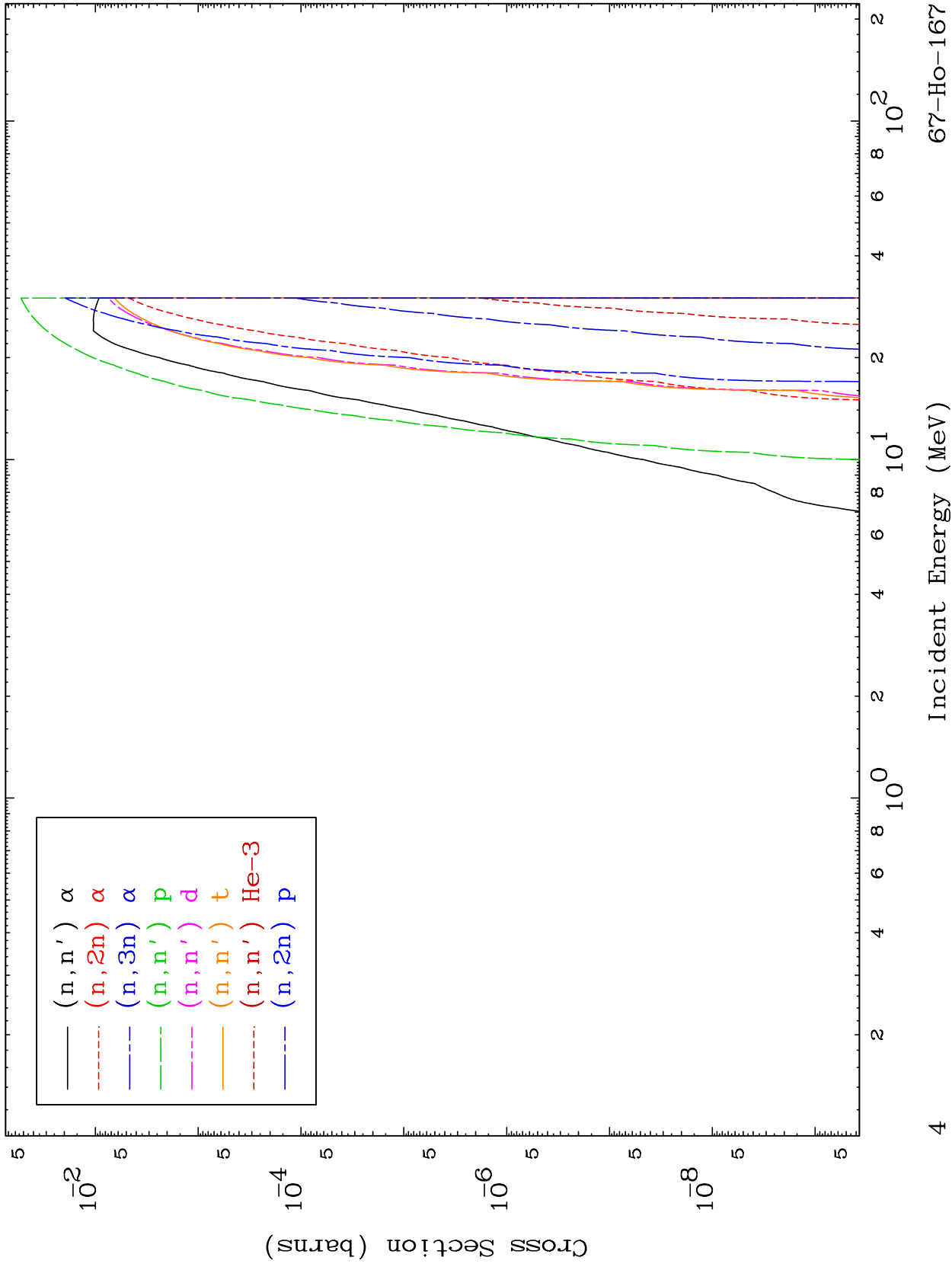




MAT 6731

Charged Particle
293 Kelvin Cross Sections

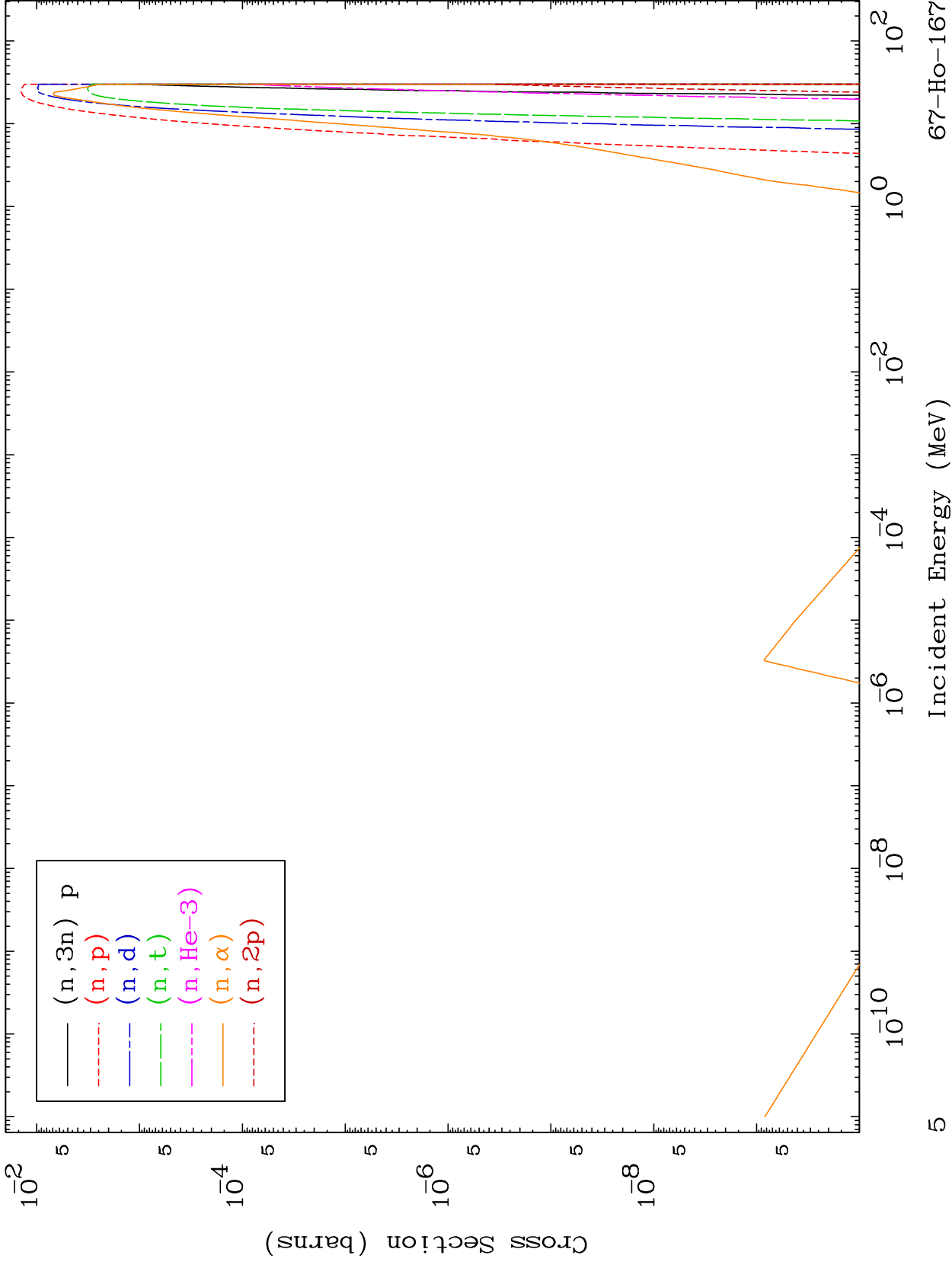
67-Ho-167



MAT 6731

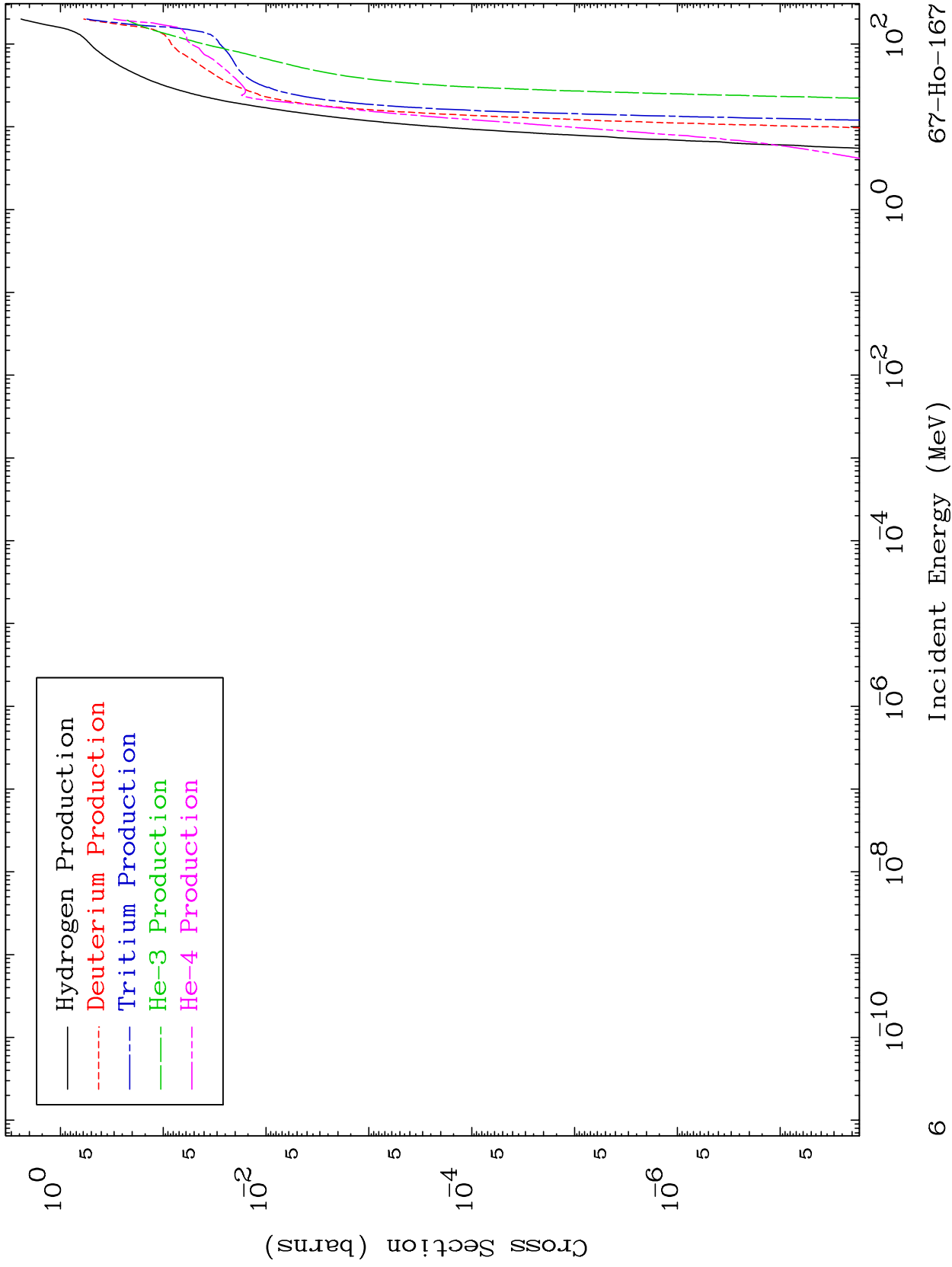
Charged Particle
293 Kelvin Cross Sections

67-Ho-167



5

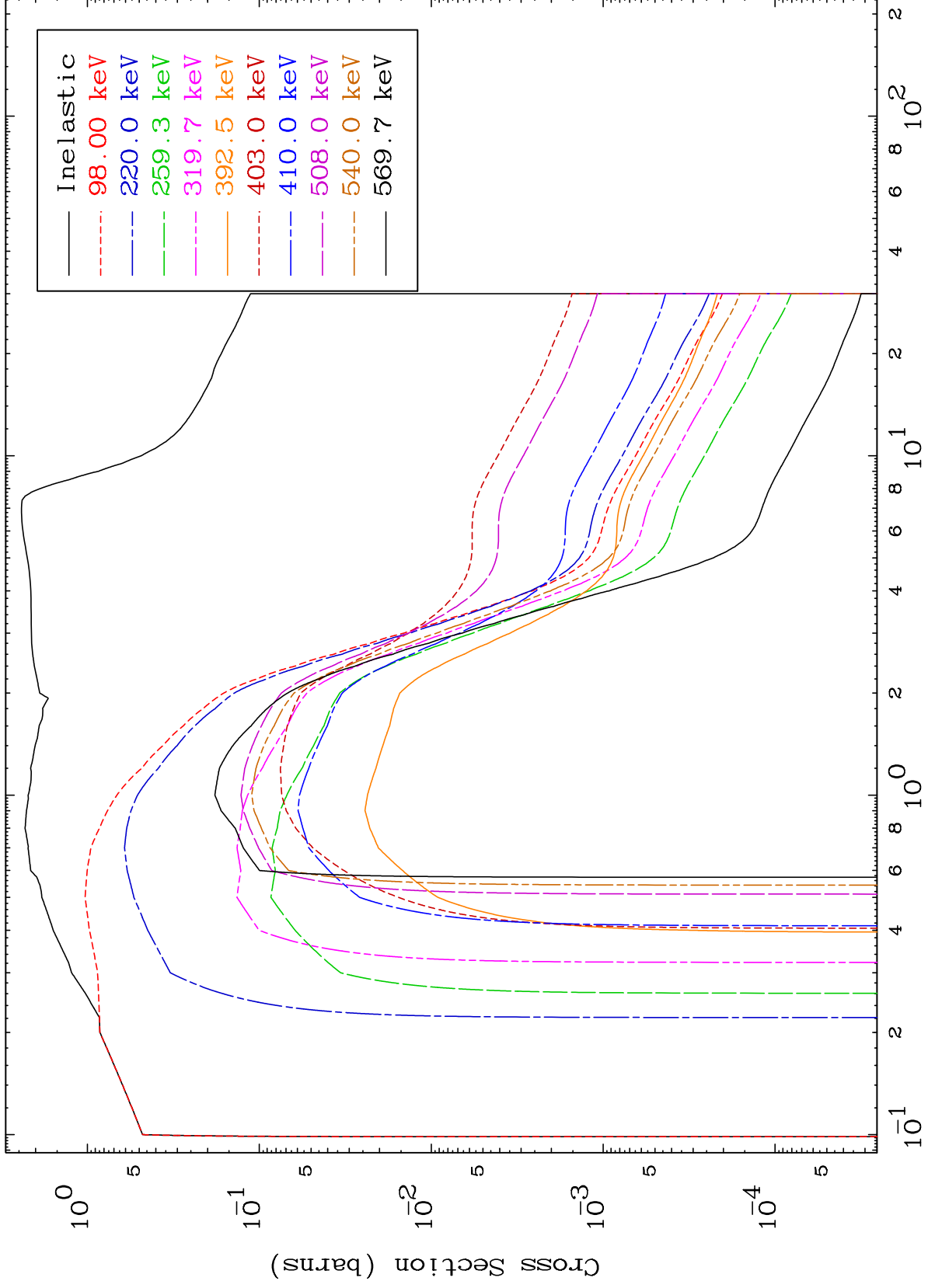
67-Ho-167



MAT 6731

(n,n') Level
293 Kelvin Cross Sections

67-Ho-167



Incident Energy (MeV)

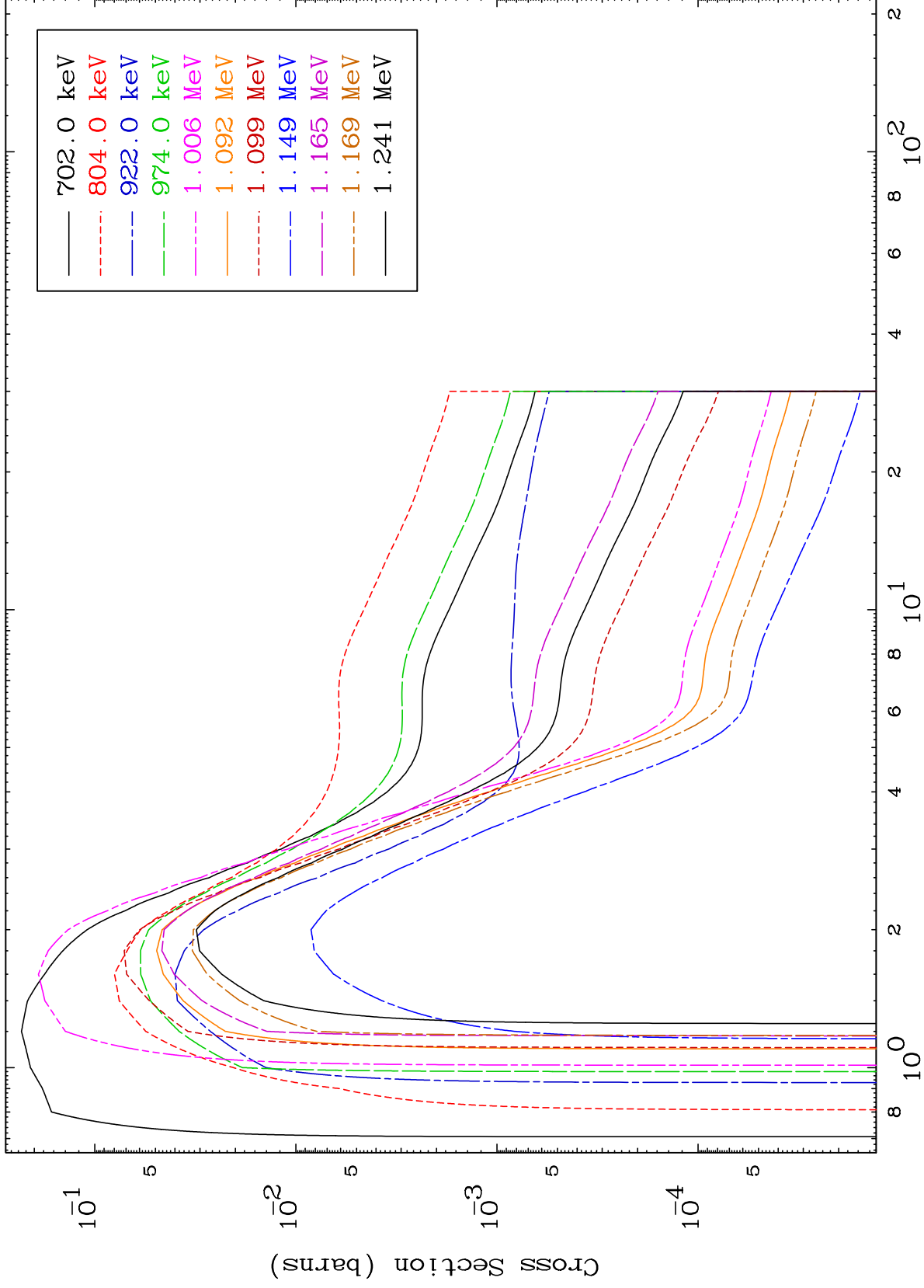
67-Ho-167

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MAT 6731

(n,n') Level
293 Kelvin Cross Sections

67-Ho-167

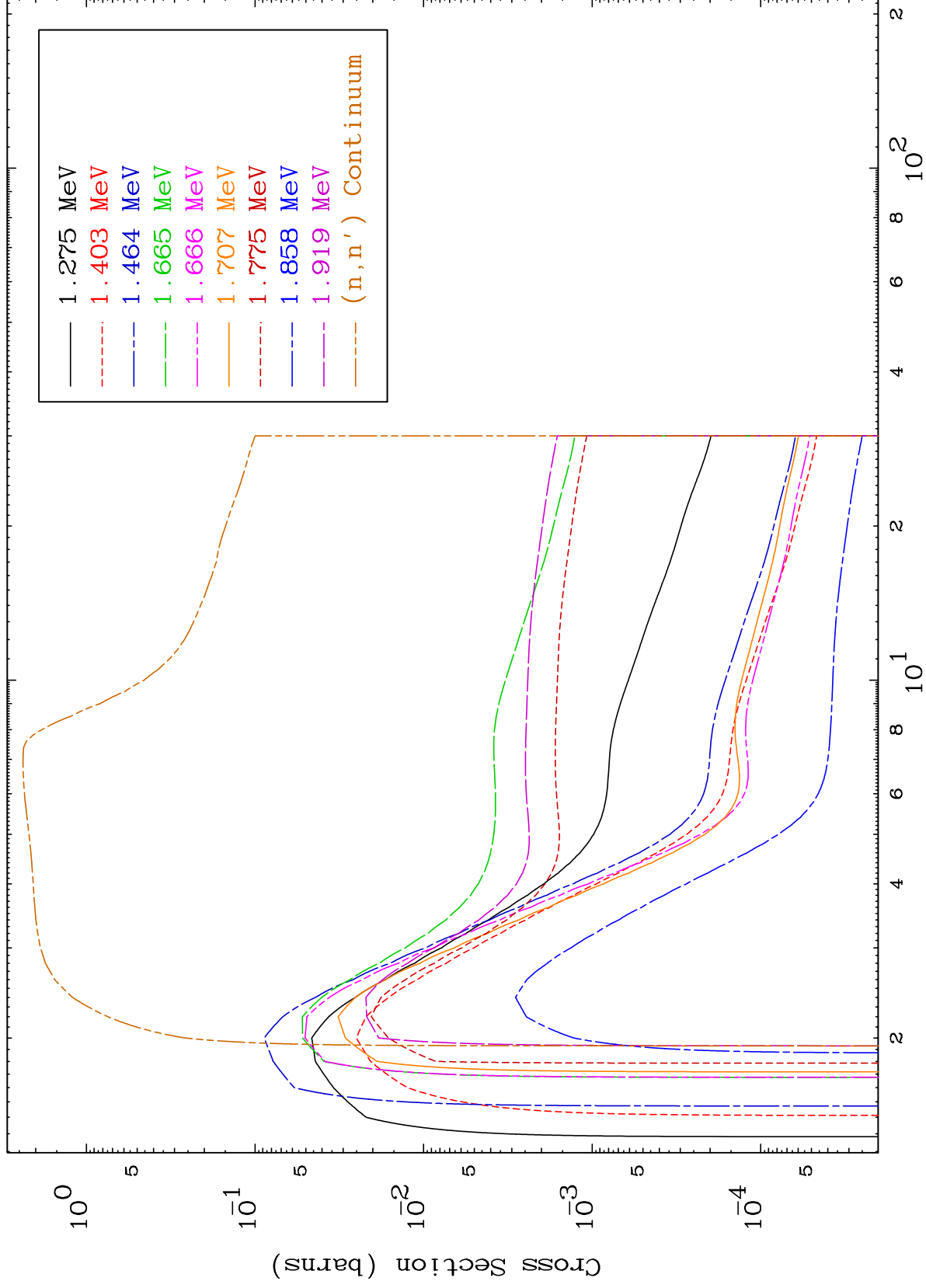


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Incident Energy (MeV)

67-Ho-167

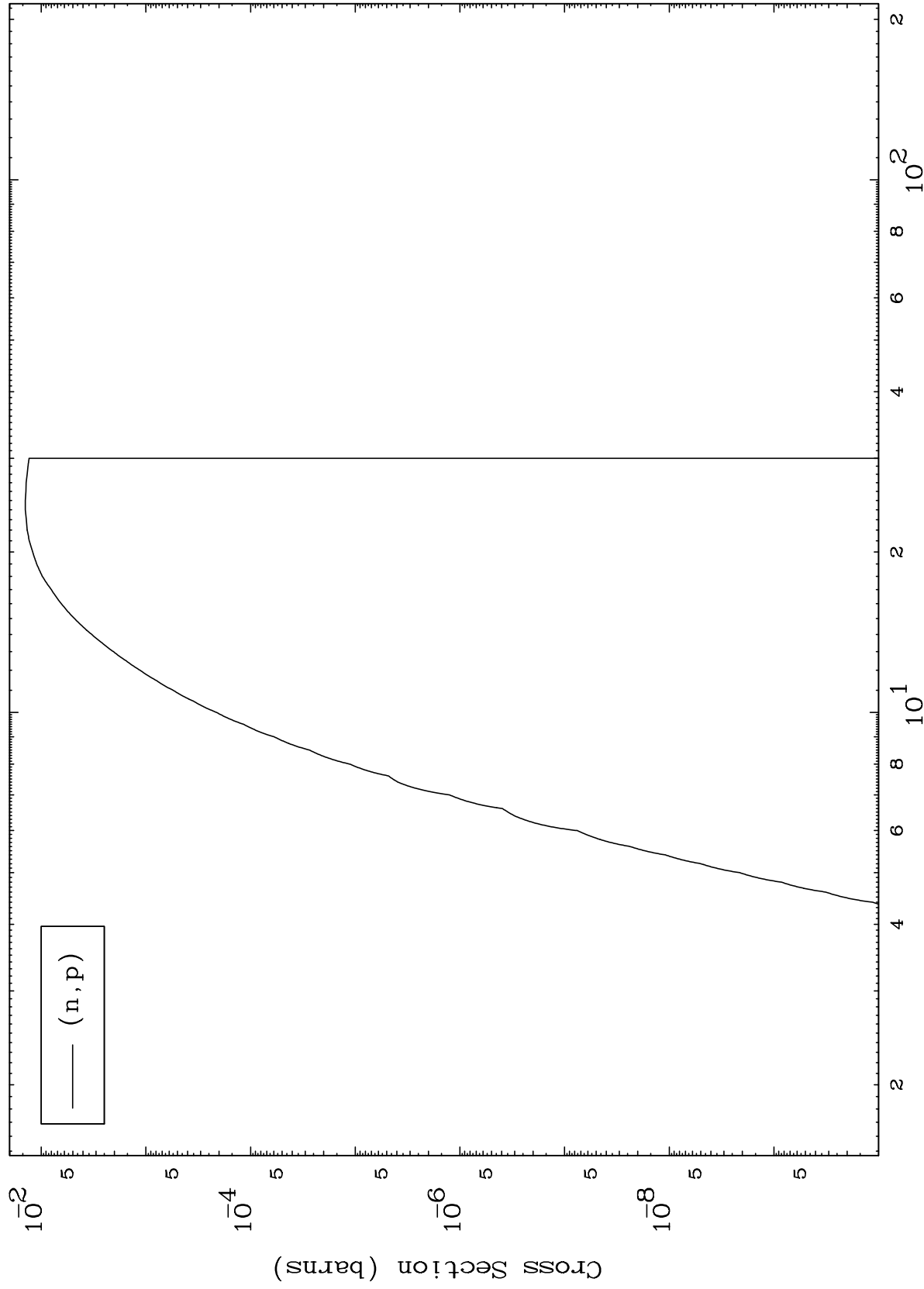
293 Kelvin Cross Sections



MAT 6731

67-Ho-167

(n,p) Levels
293 Kelvin Cross Sections



67-Ho-167

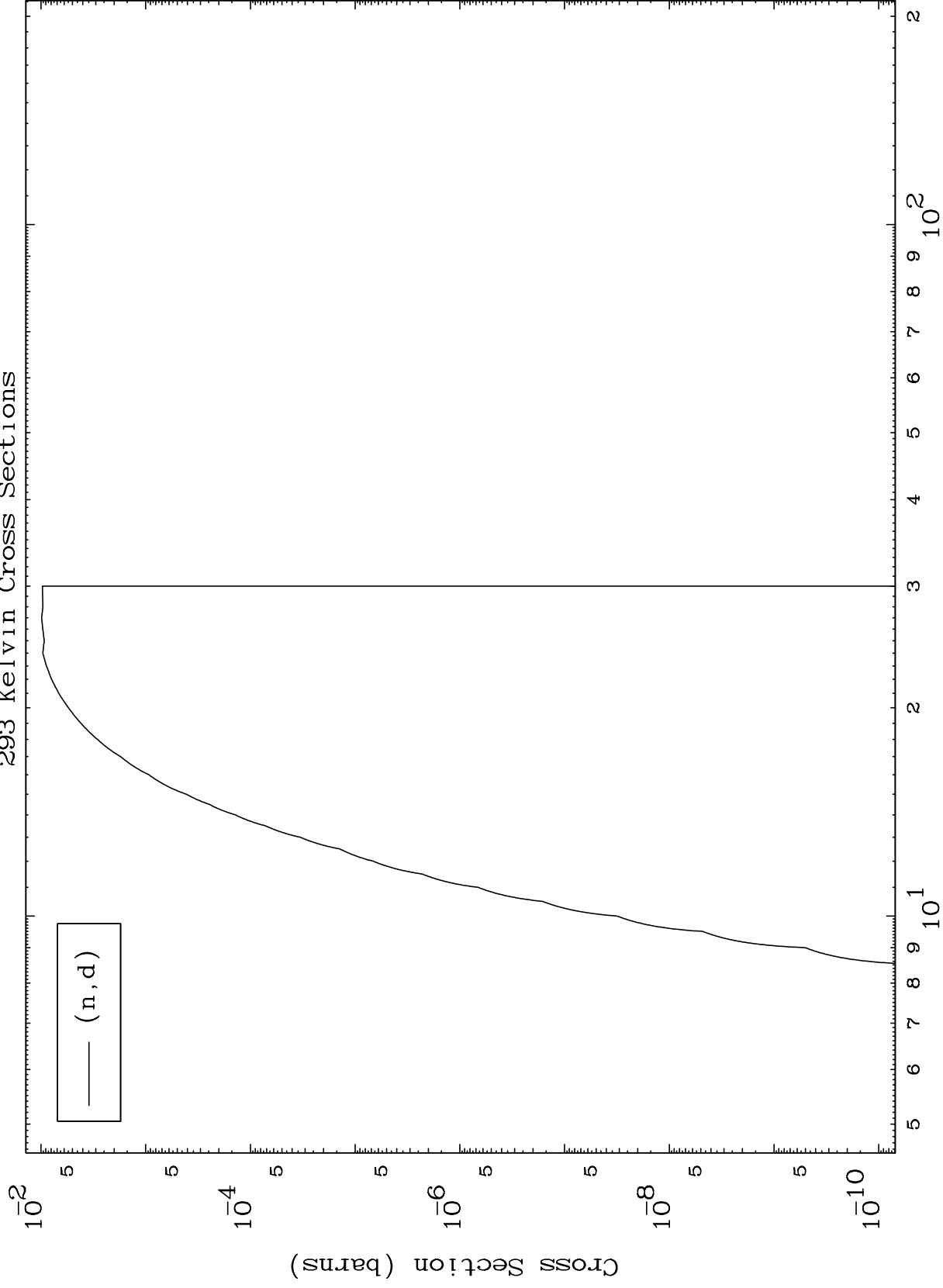
Incident Energy (MeV)

10

MAT 6731

(n,d) Levels
293 Kelvin Cross Sections

67-Ho-167



11

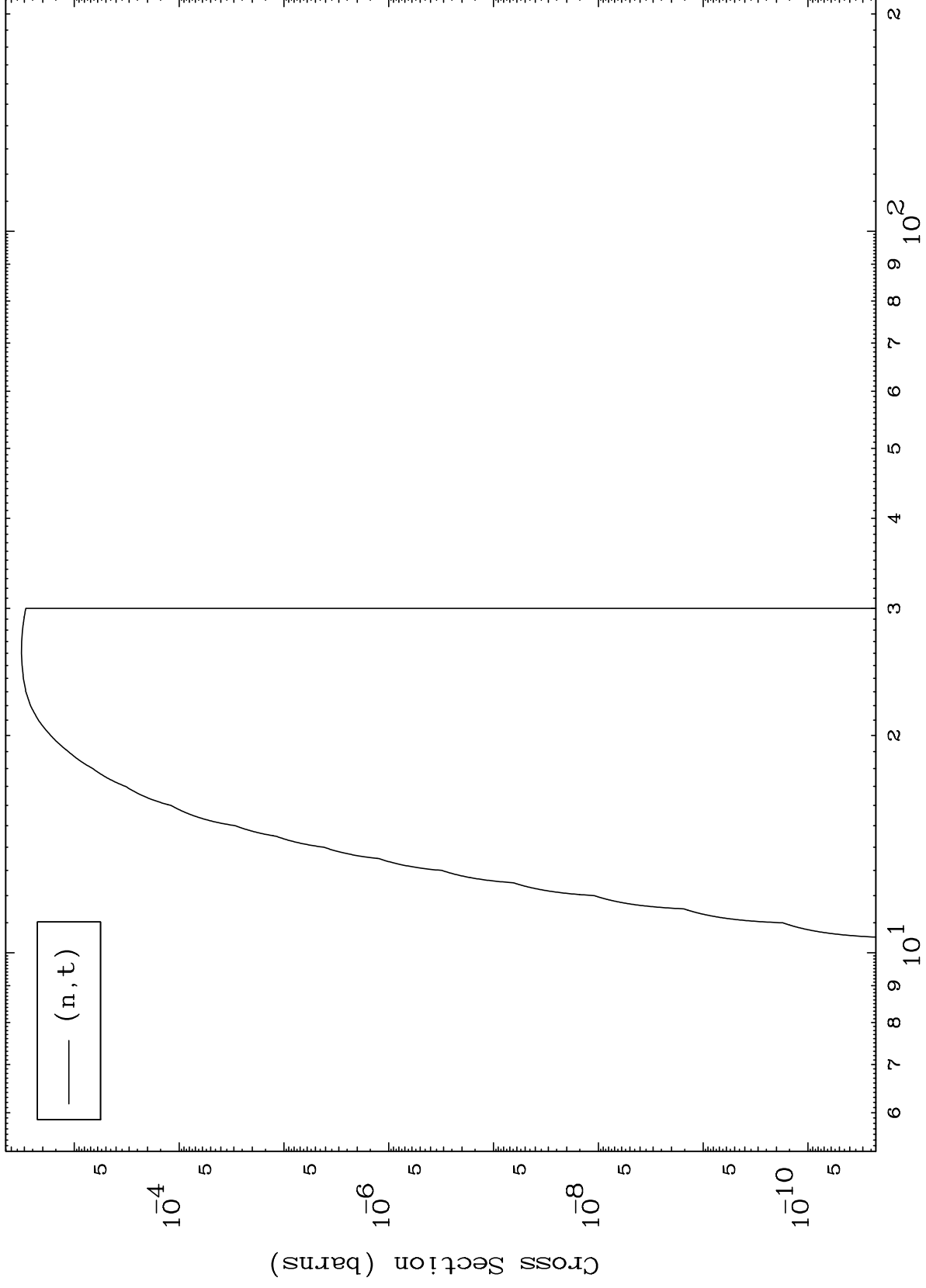
Incident Energy (MeV)

67-Ho-167

MAT 6731

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-167



12

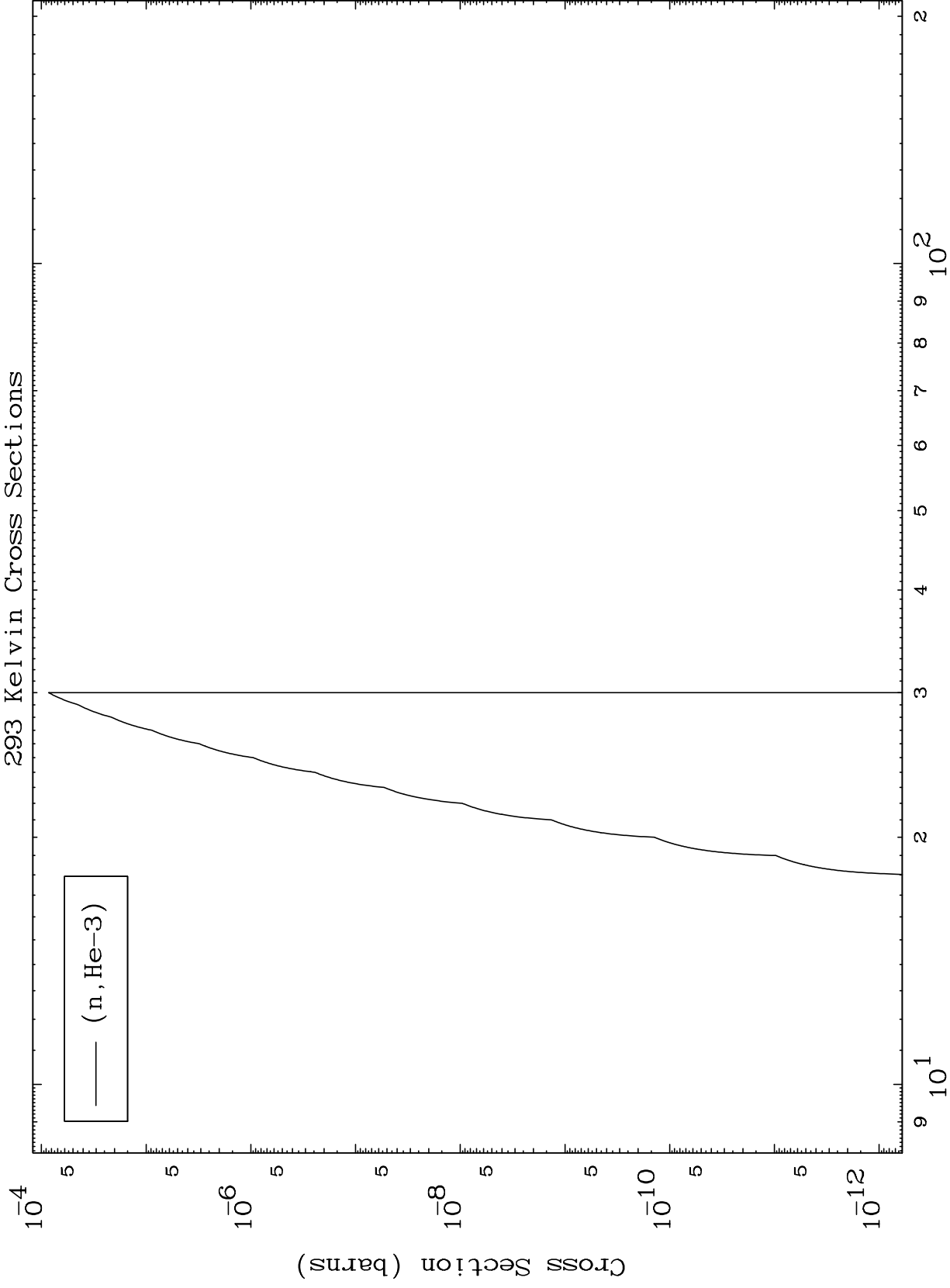
Incident Energy (MeV)

67-Ho-167

MAT 6731

67-Ho-167

(n,He3) Levels
293 Kelvin Cross Sections



13

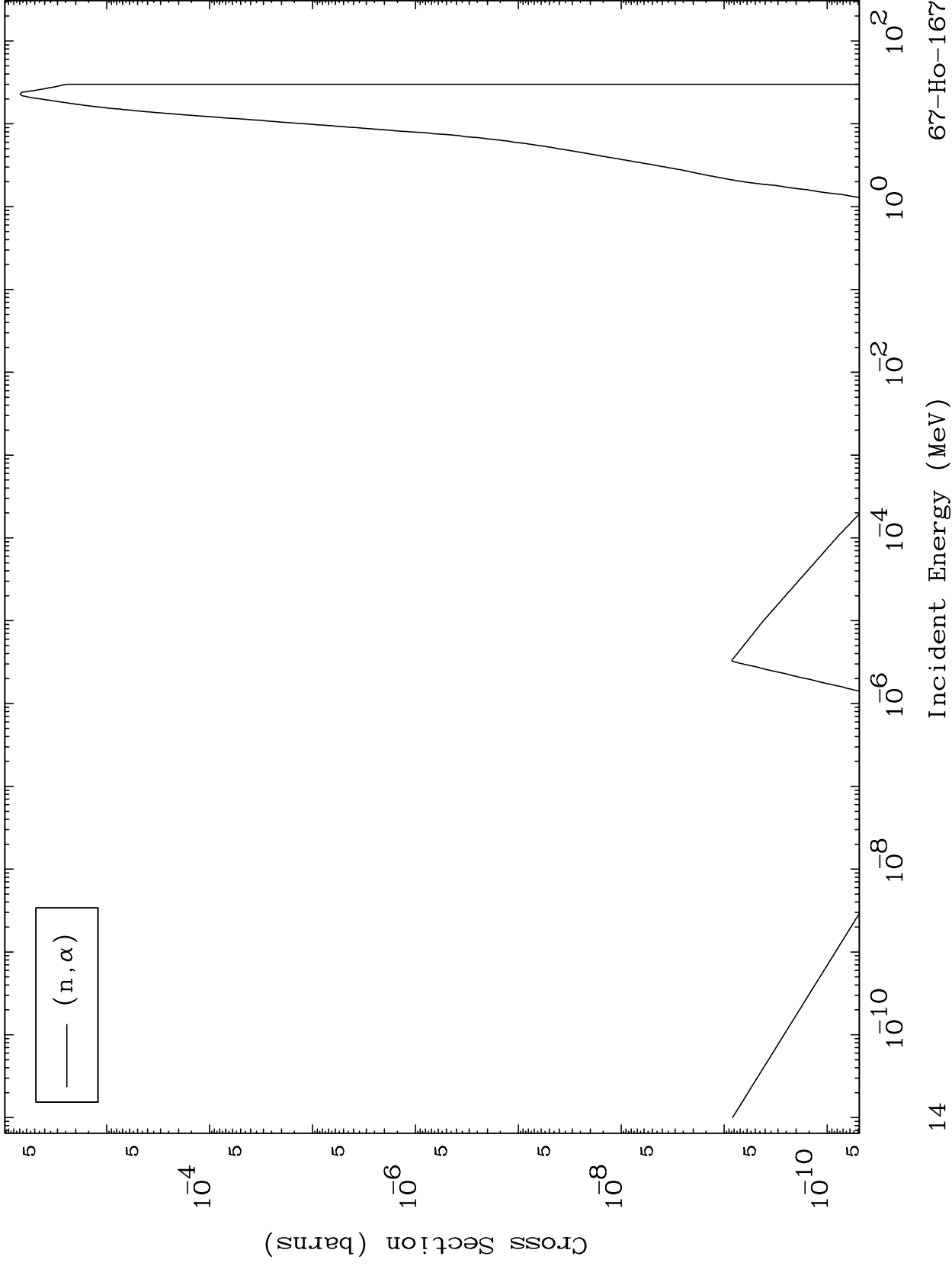
Incident Energy (MeV)

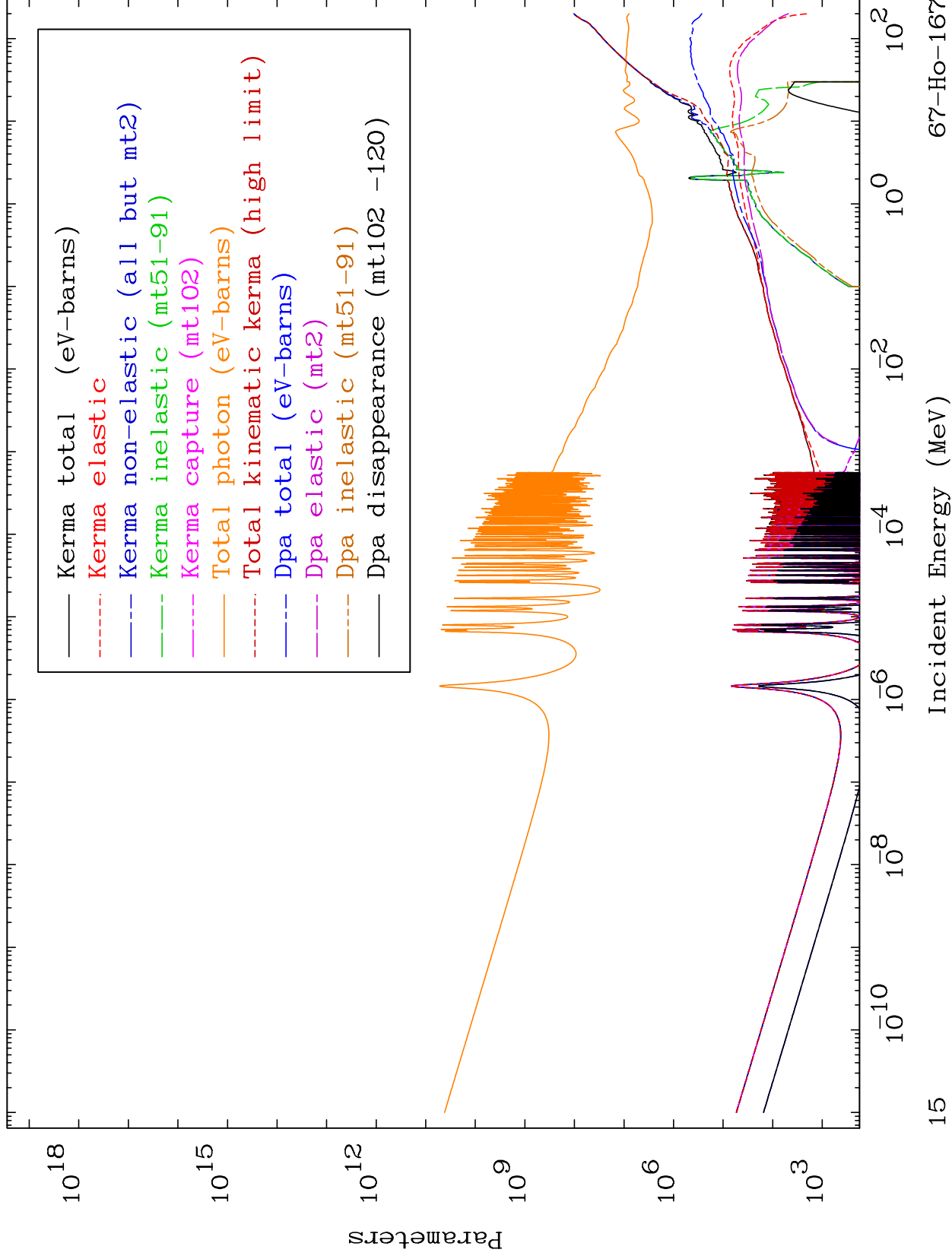
67-Ho-167

MAT 6731

(n, α) Levels
293 Kelvin Cross Sections

67-Ho-167

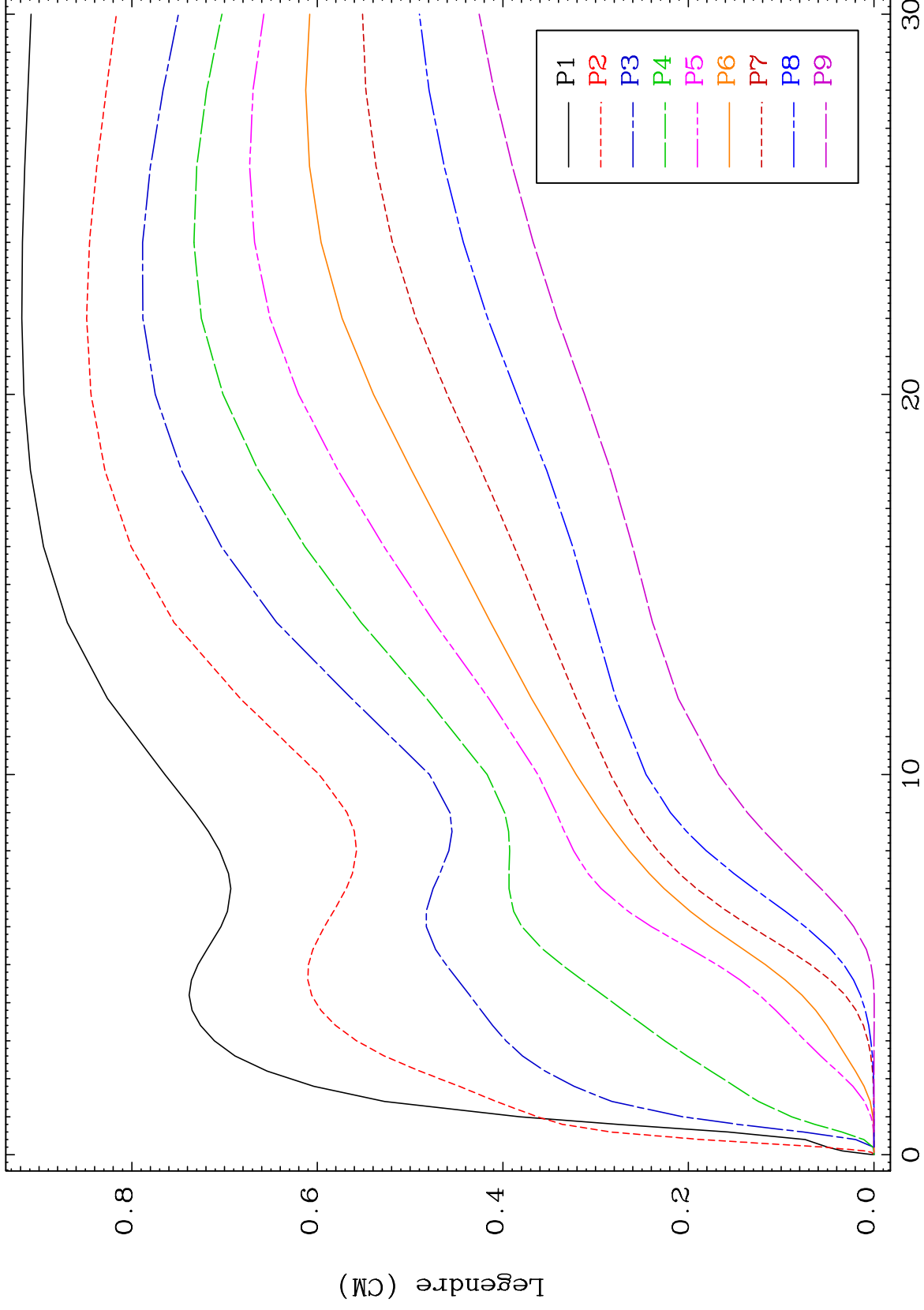




MAT 6731

Elastic Legendre Coefficients

67-Ho-167



16

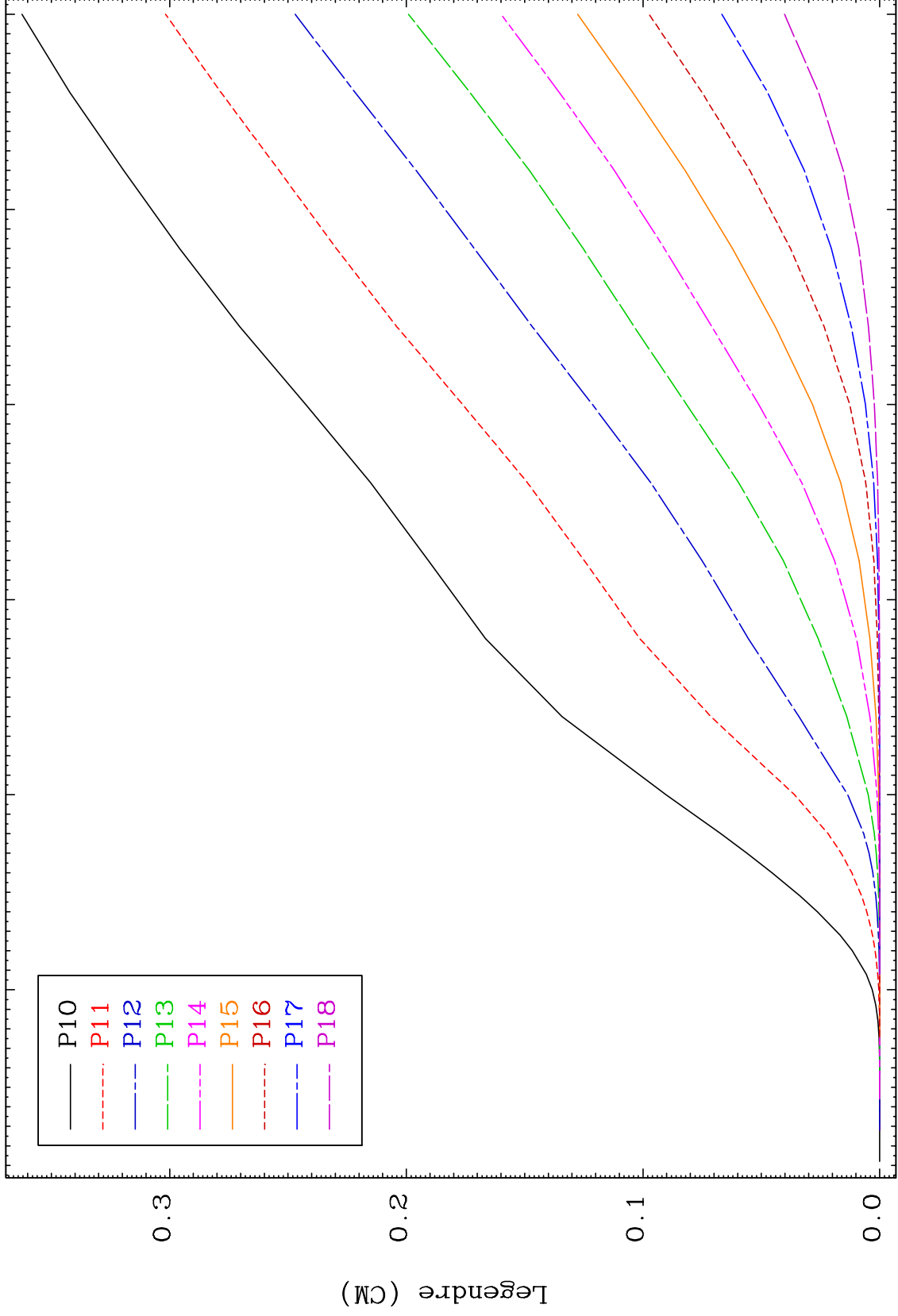
Incident Energy (MeV)

67-Ho-167

MAT 6731

Elastic
Legendre Coefficients

67-Ho-167



17

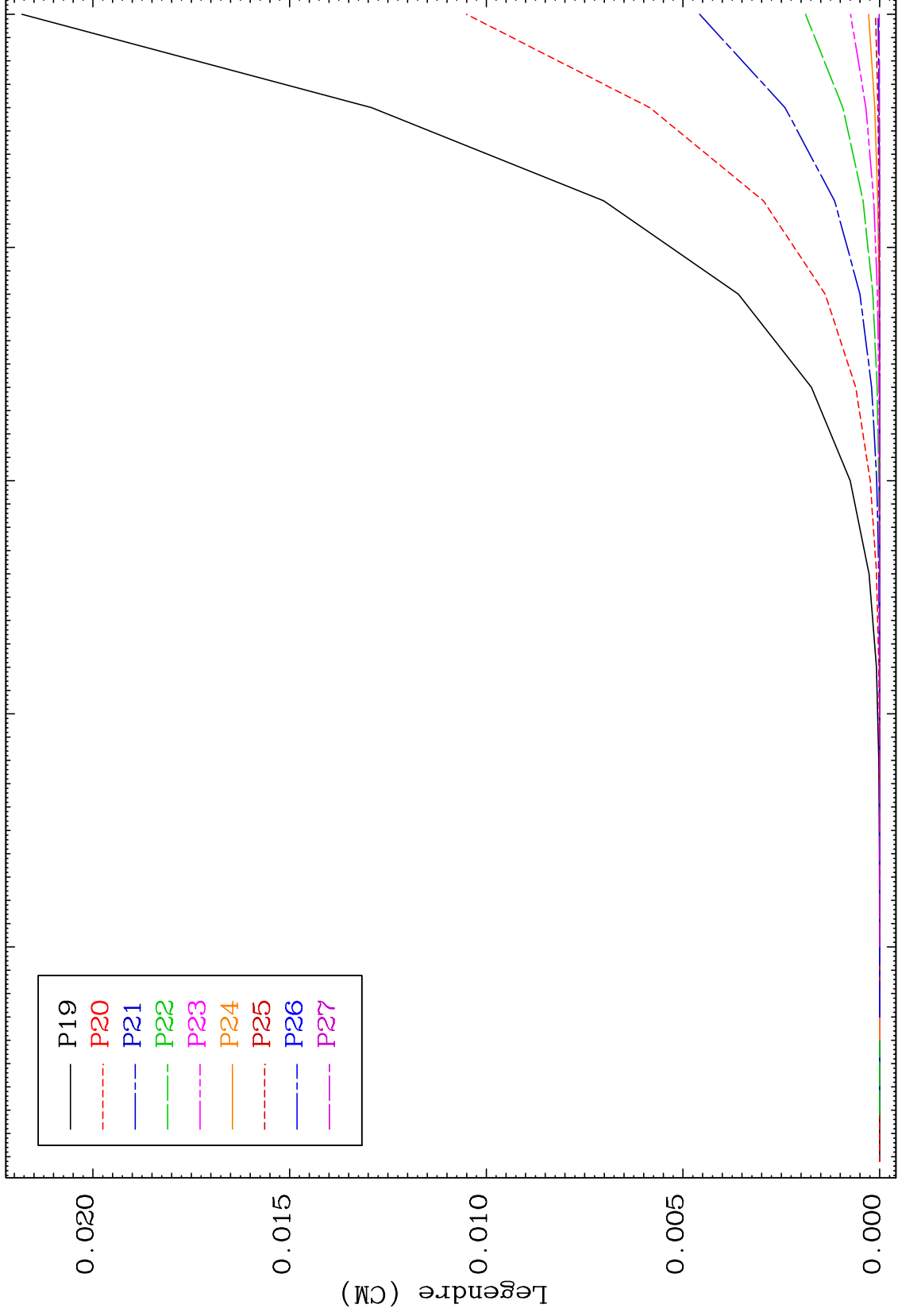
Incident Energy (MeV)

67-Ho-167

MAT 6731

Elastic Legendre Coefficients

67-Ho-167



18

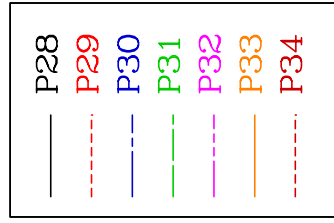
Incident Energy (MeV)

67-Ho-167

MAT 6731

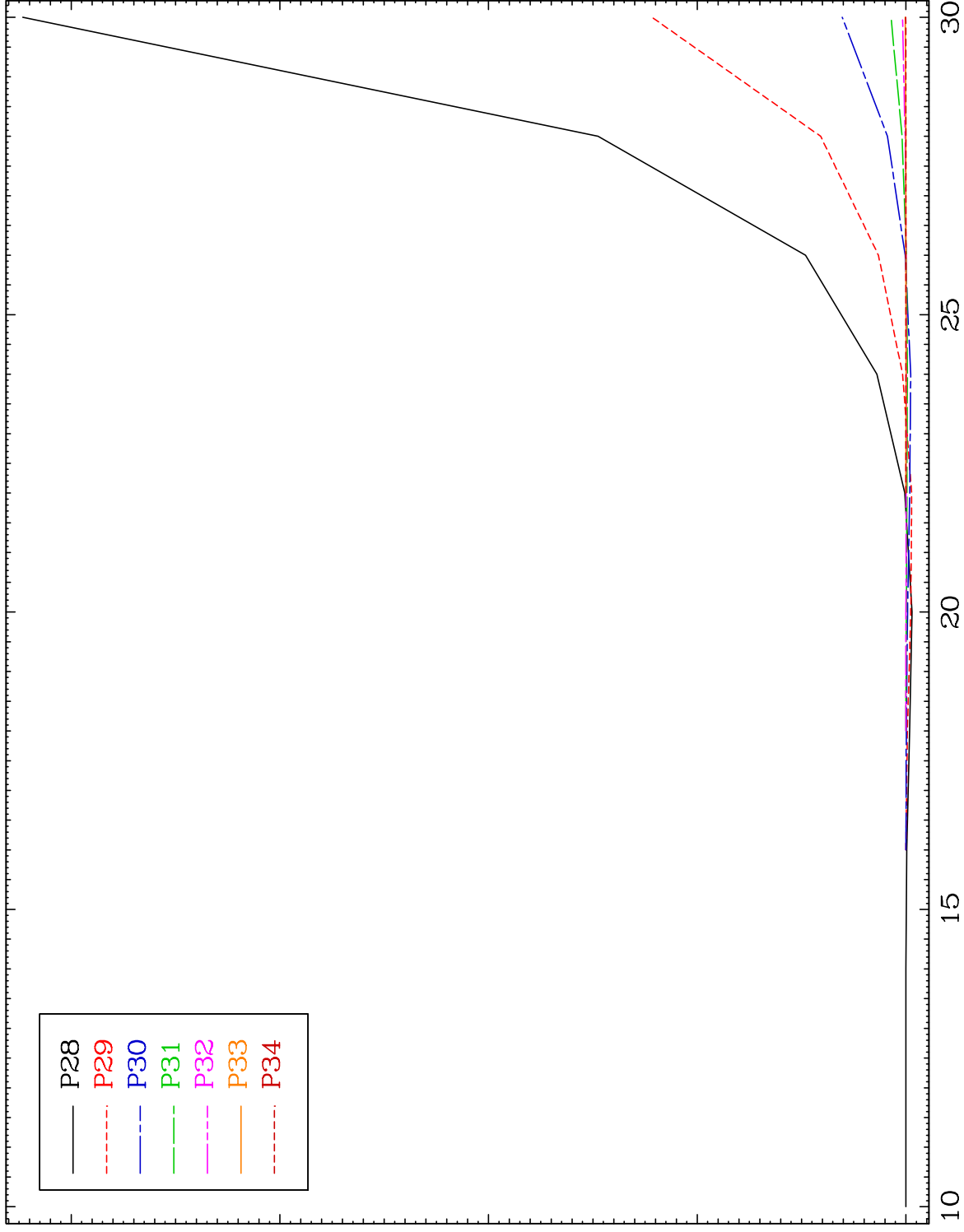
Elastic
Legendre Coefficients

67-Ho-167



$\times 10^{-6}$

Legendre (CM)



10

Incident Energy (MeV)

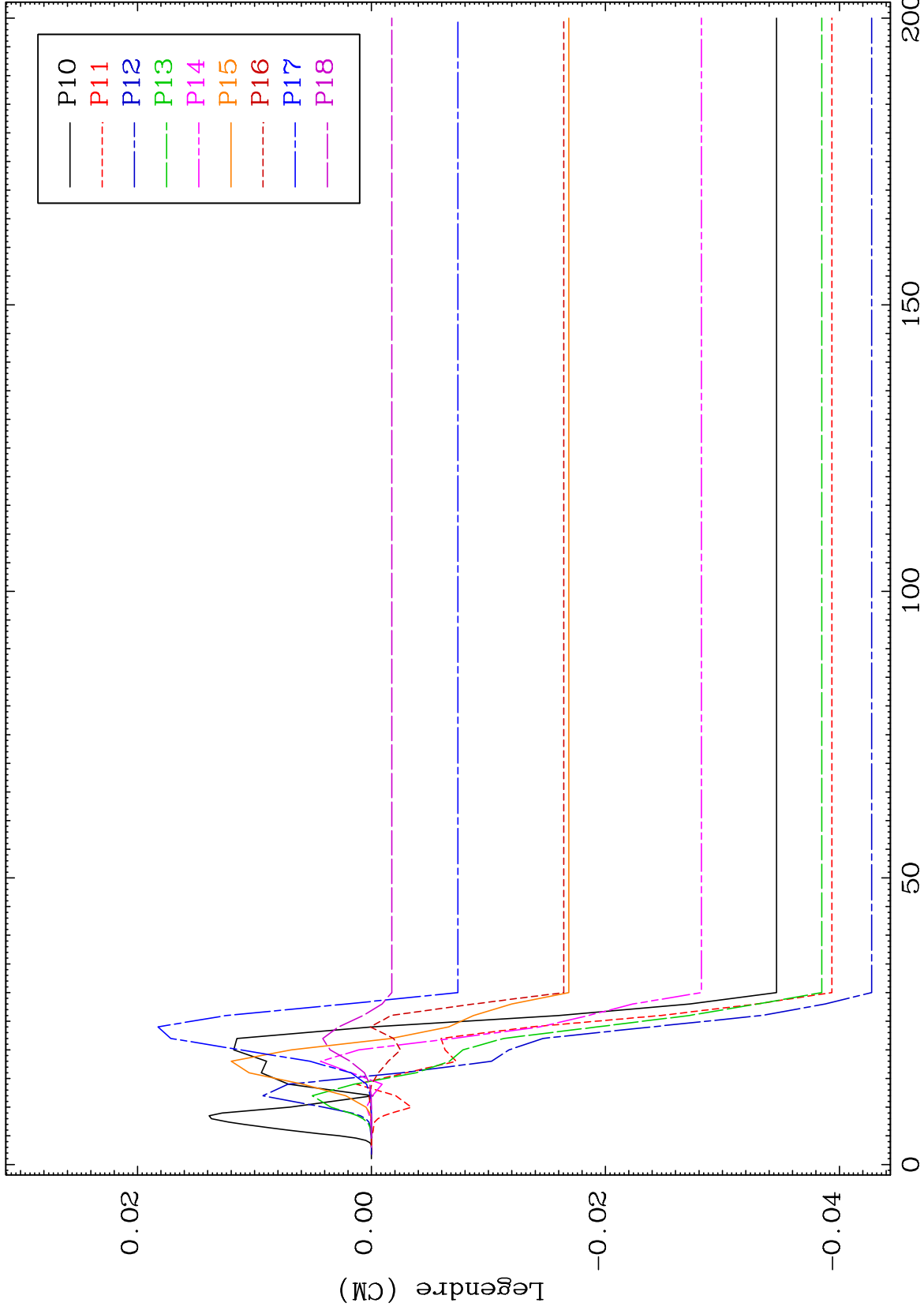
67-Ho-167

30

MAT 6731

98.00 keV (n,n') Level
Legendre Coefficients

67-Ho-167



21

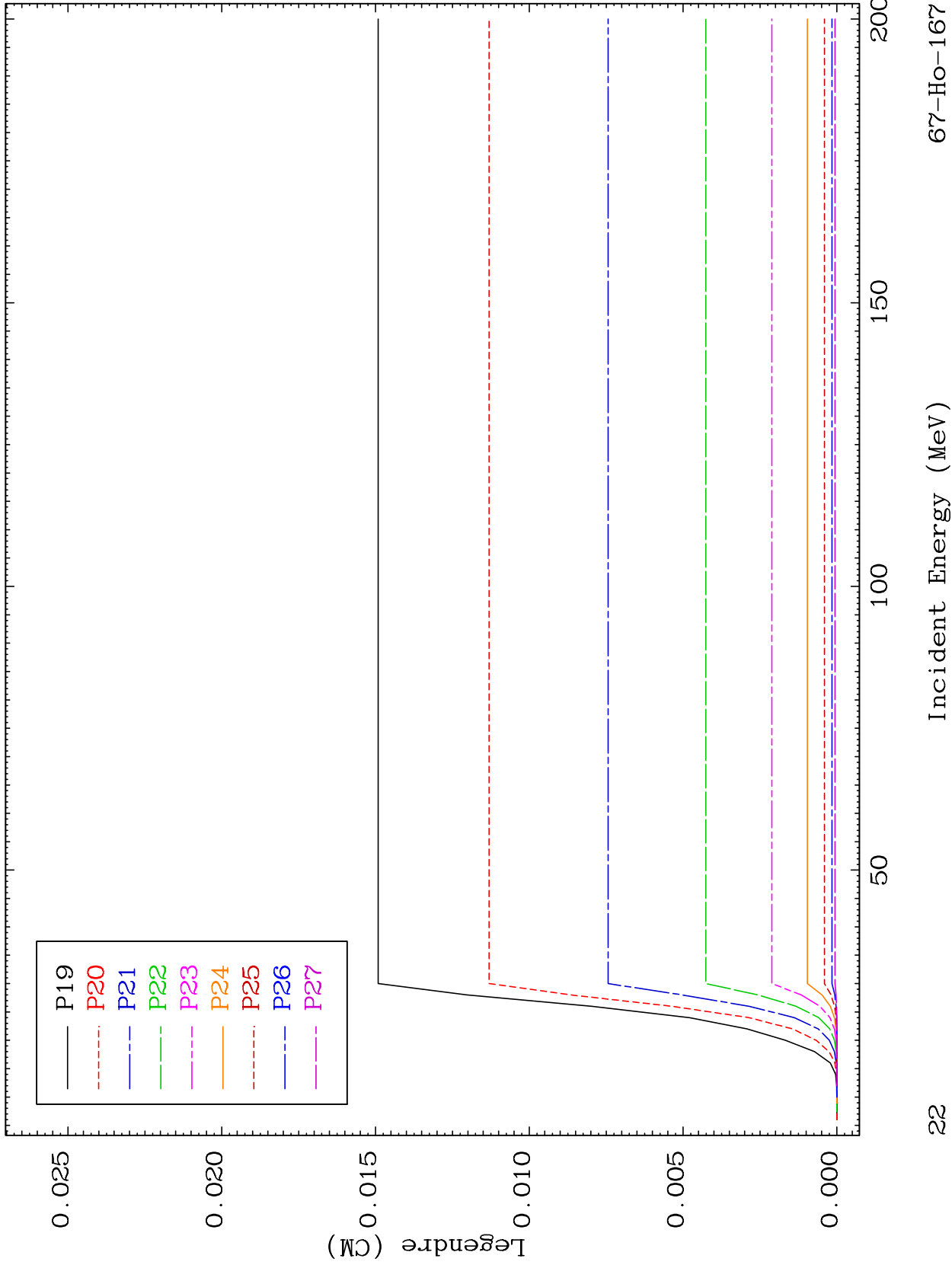
Incident Energy (MeV)

67-Ho-167

MAT 6731

98.00 keV (n,n') Level
Legendre Coefficients

67-Ho-167

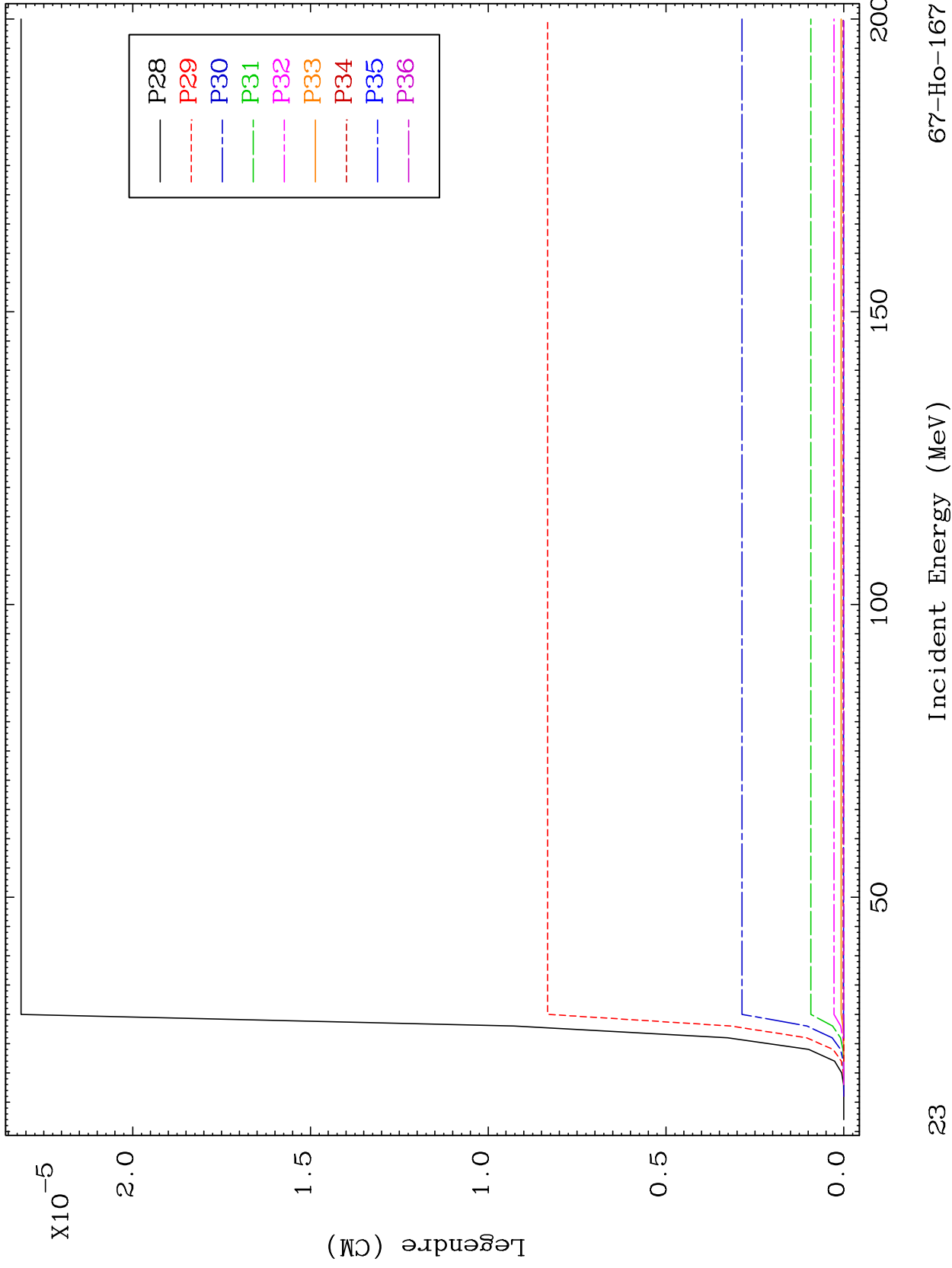


22

MAT 6731

98.00 keV (n,n') Level
Legendre Coefficients

67-Ho-167



23

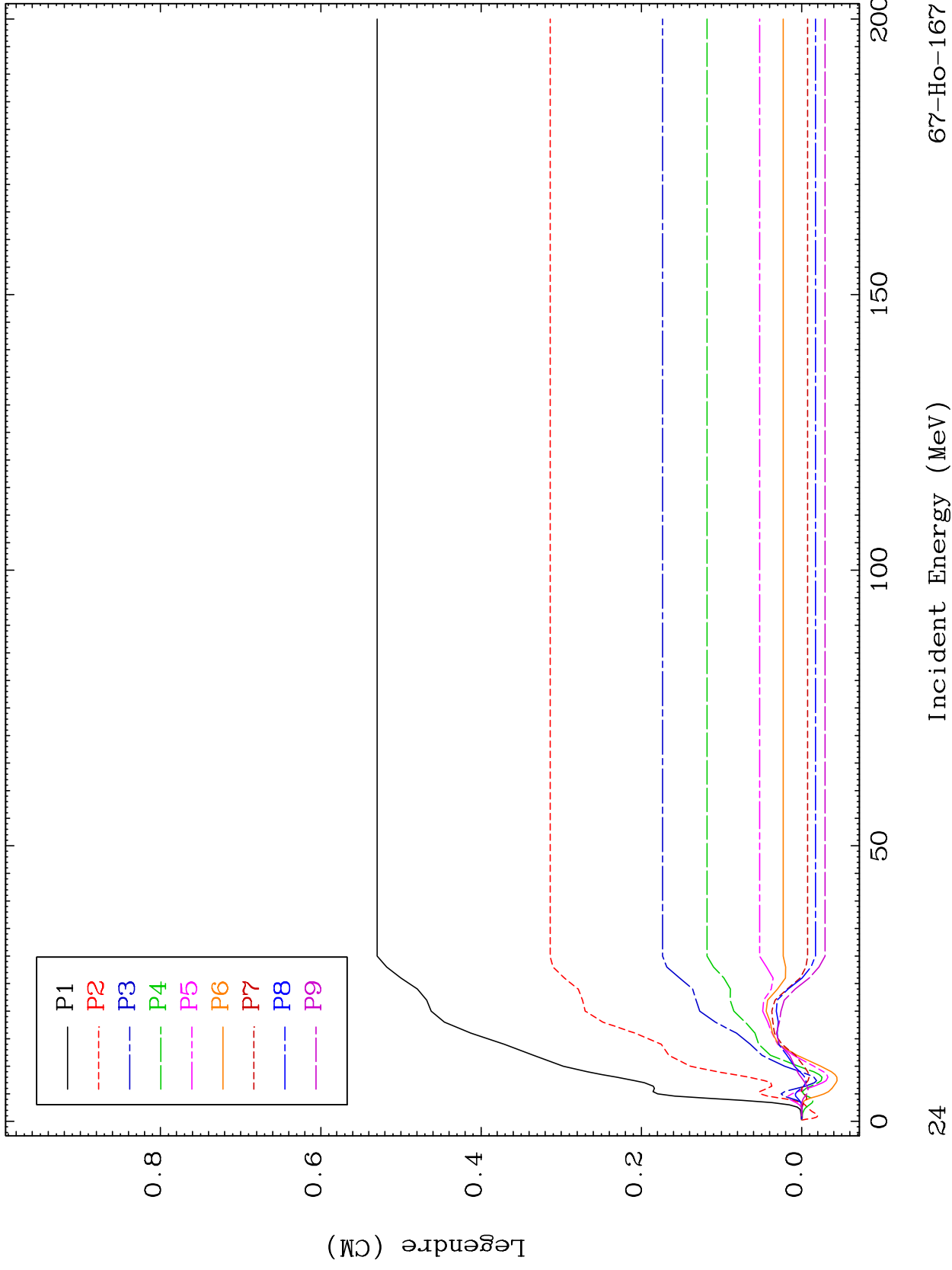
Incident Energy (MeV)

67-Ho-167

MAT 6731

220.0 keV (n,n') Level
Legendre Coefficients

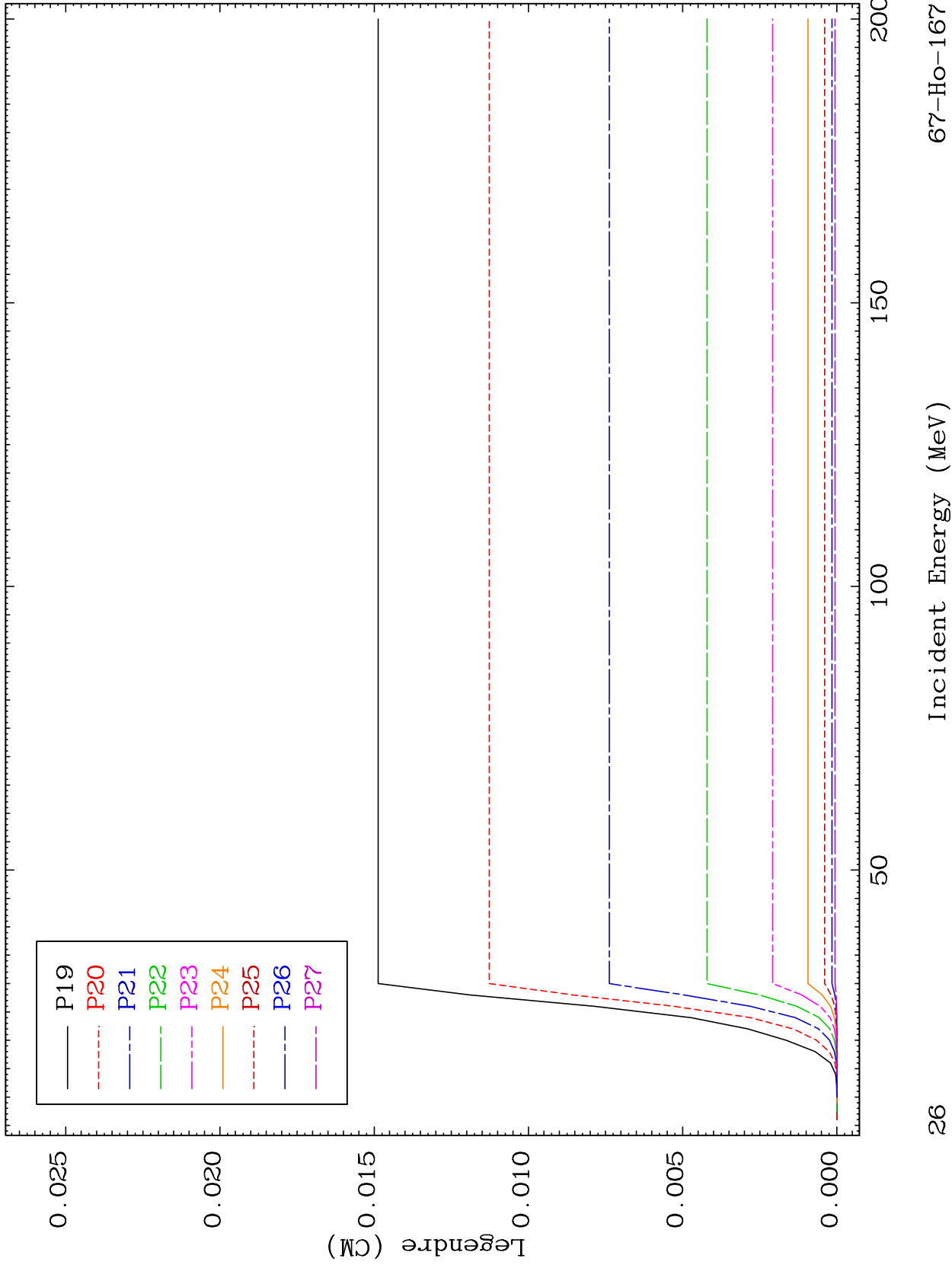
67-Ho-167

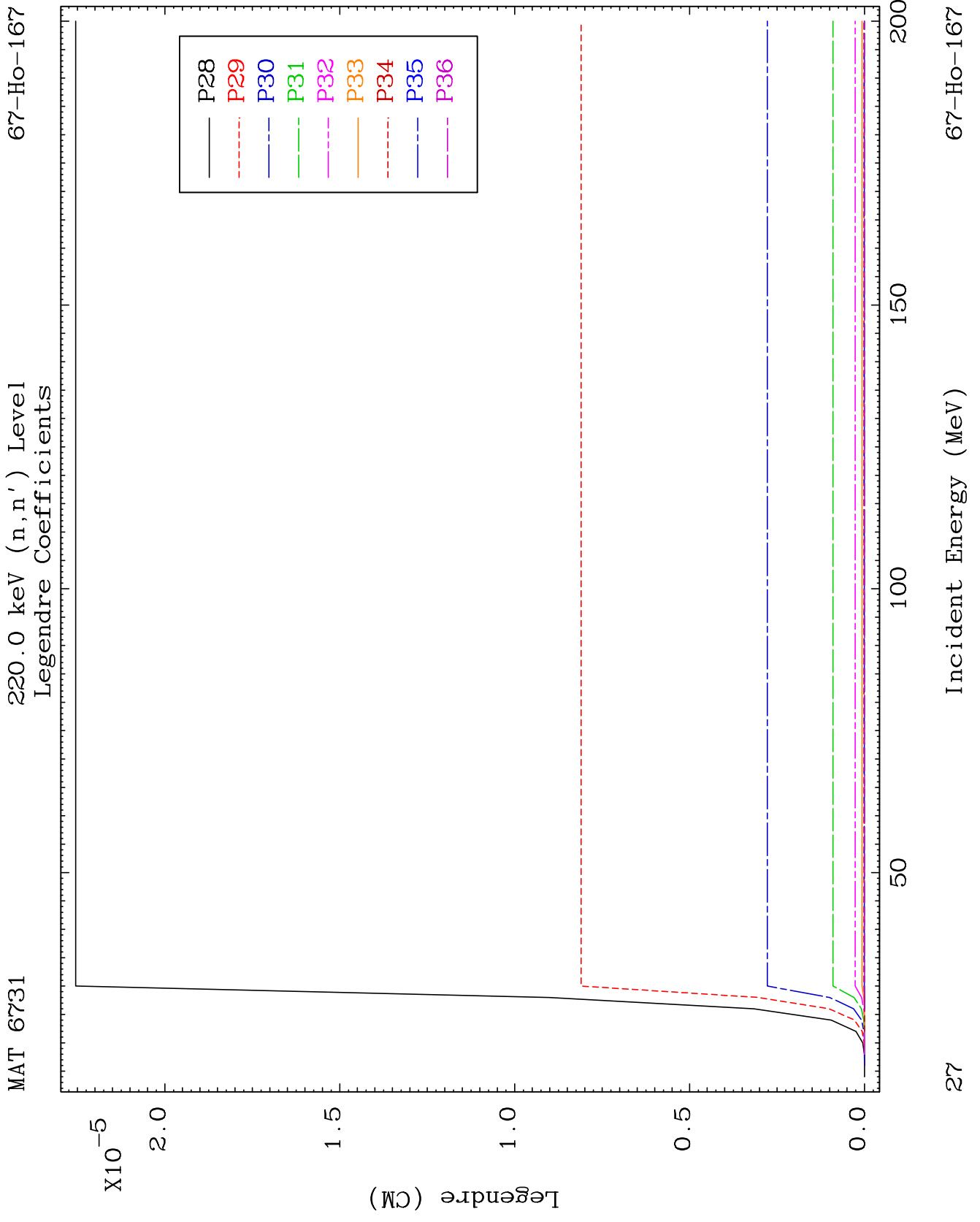


67-Ho-167

Incident Energy (MeV)

24

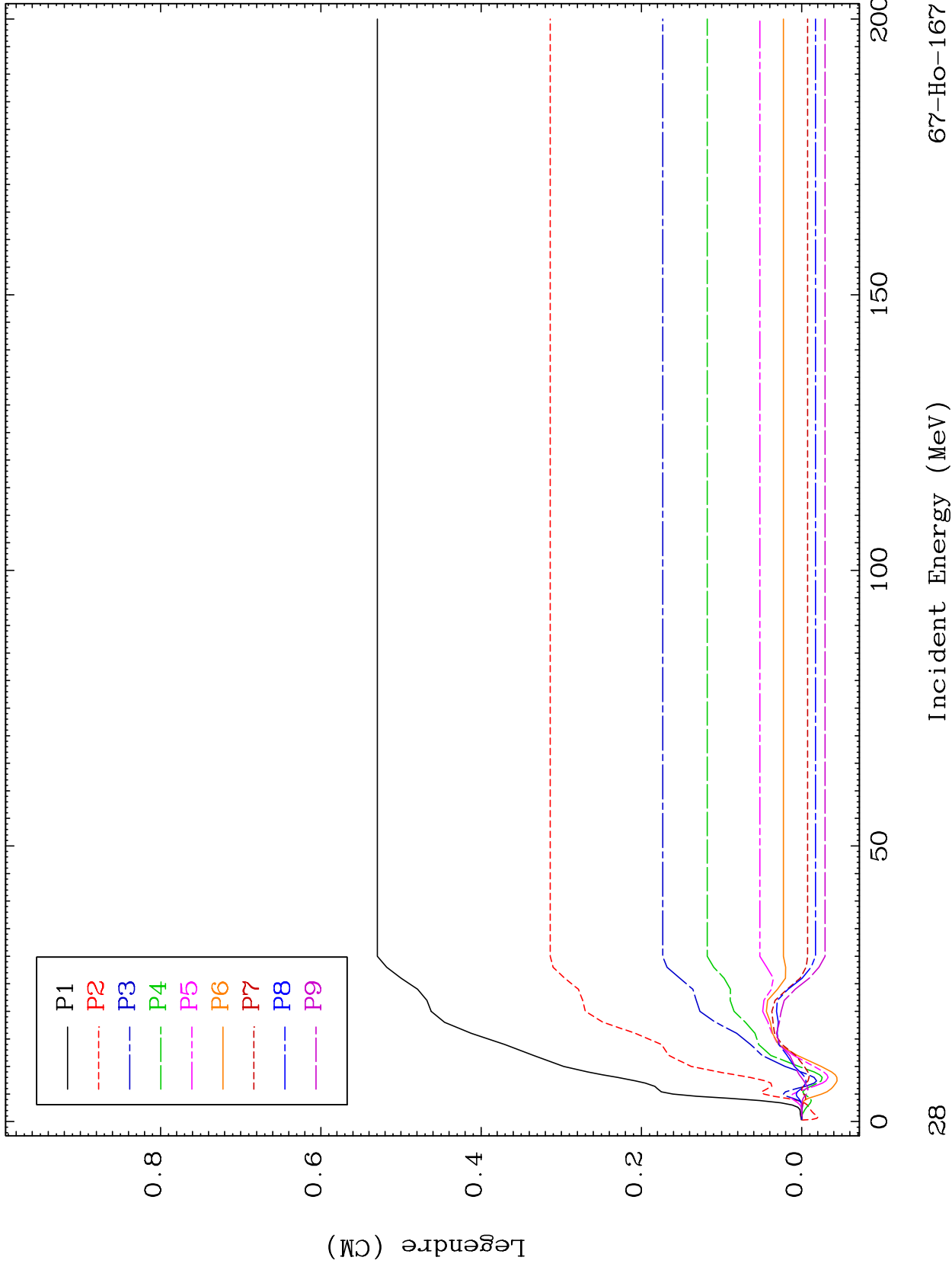




MAT 6731

259.3 keV (n,n') Level
Legendre Coefficients

67-Ho-167



67-Ho-167

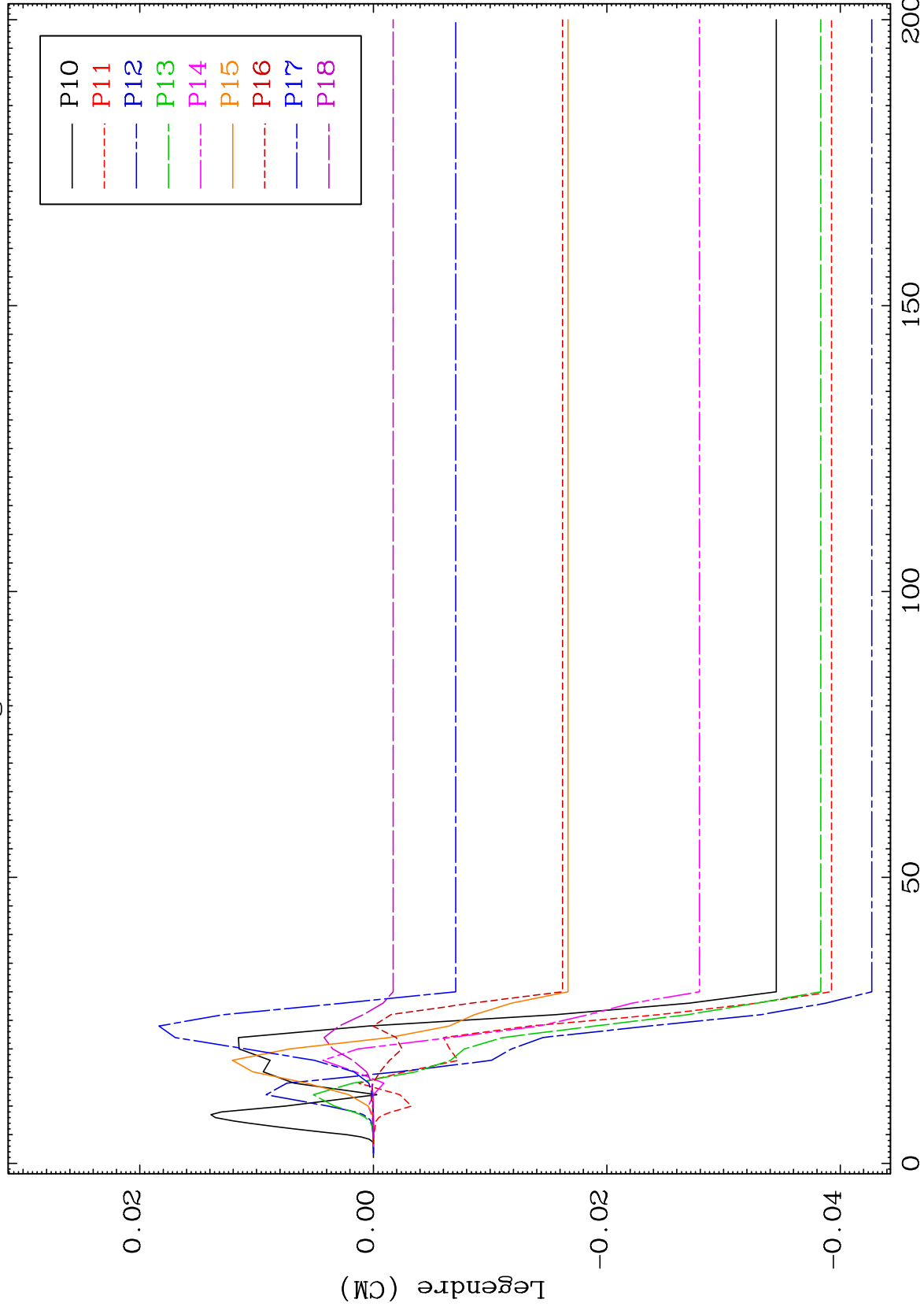
Incident Energy (MeV)

28

MAT 6731

259.3 keV (n,n') Level
Legendre Coefficients

67-Ho-167



29

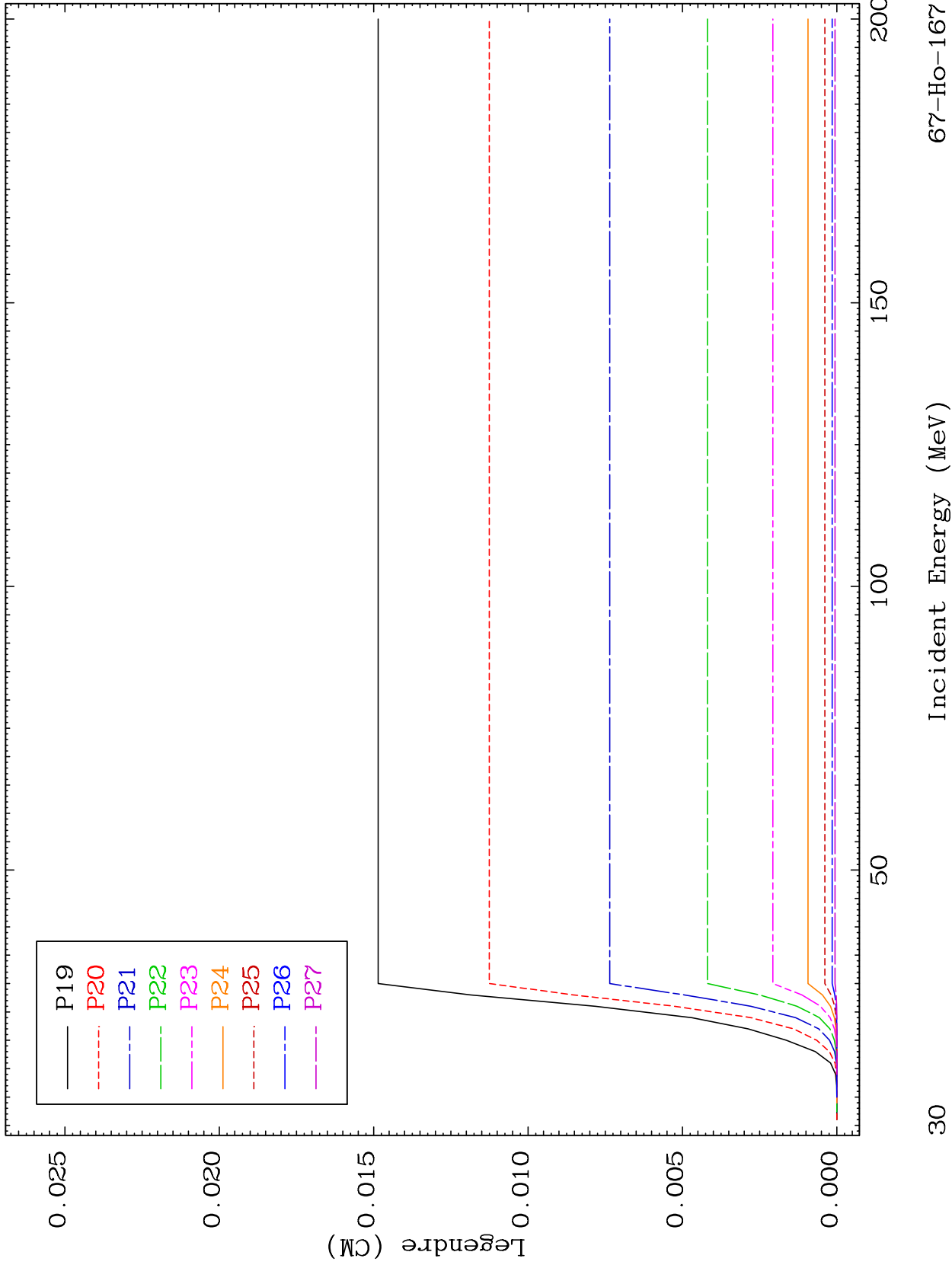
Incident Energy (MeV)

67-Ho-167

MAT 6731

259.3 keV (n,n') Level
Legendre Coefficients

67-Ho-167



67-Ho-167

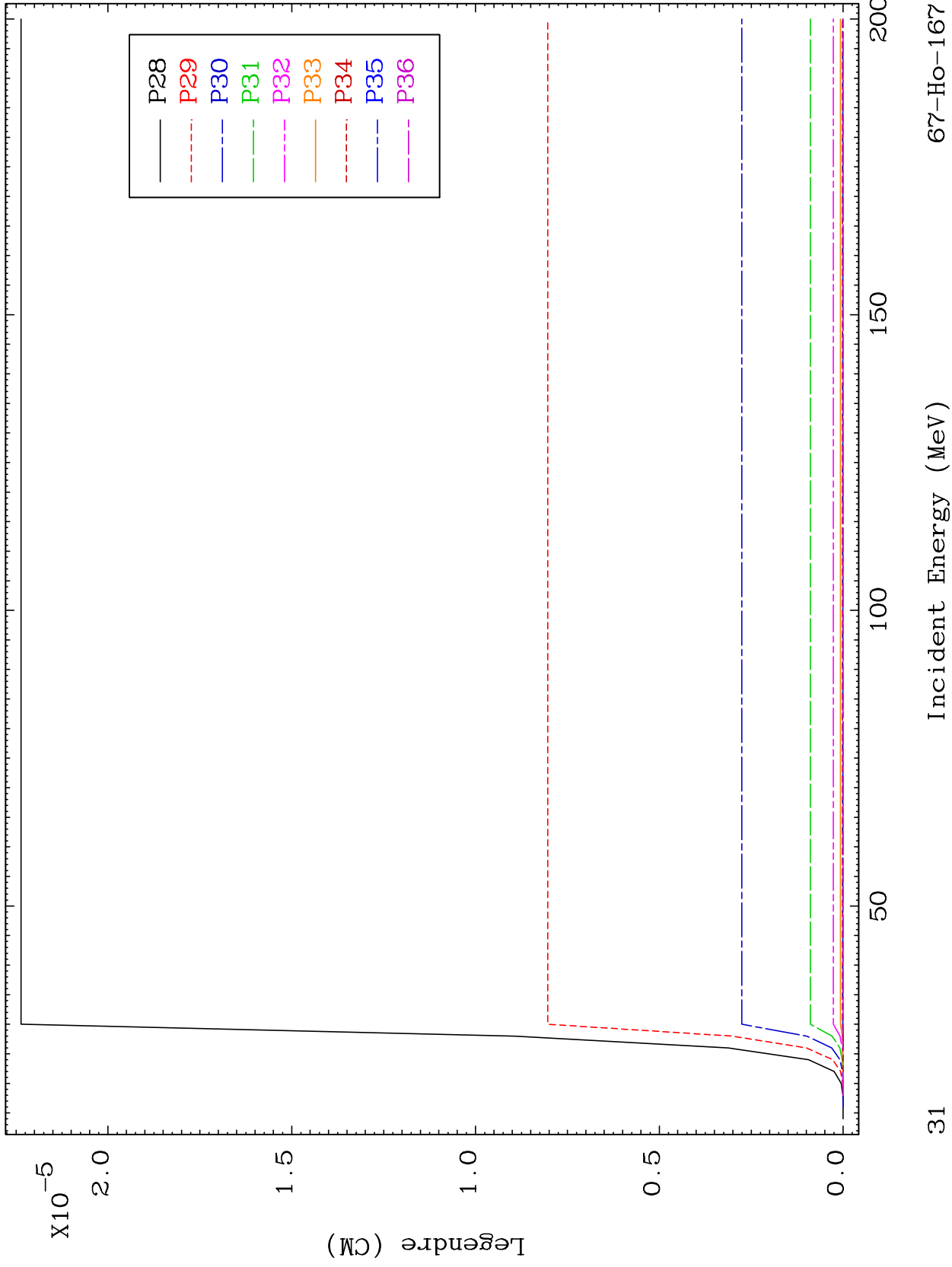
Incident Energy (MeV)

30

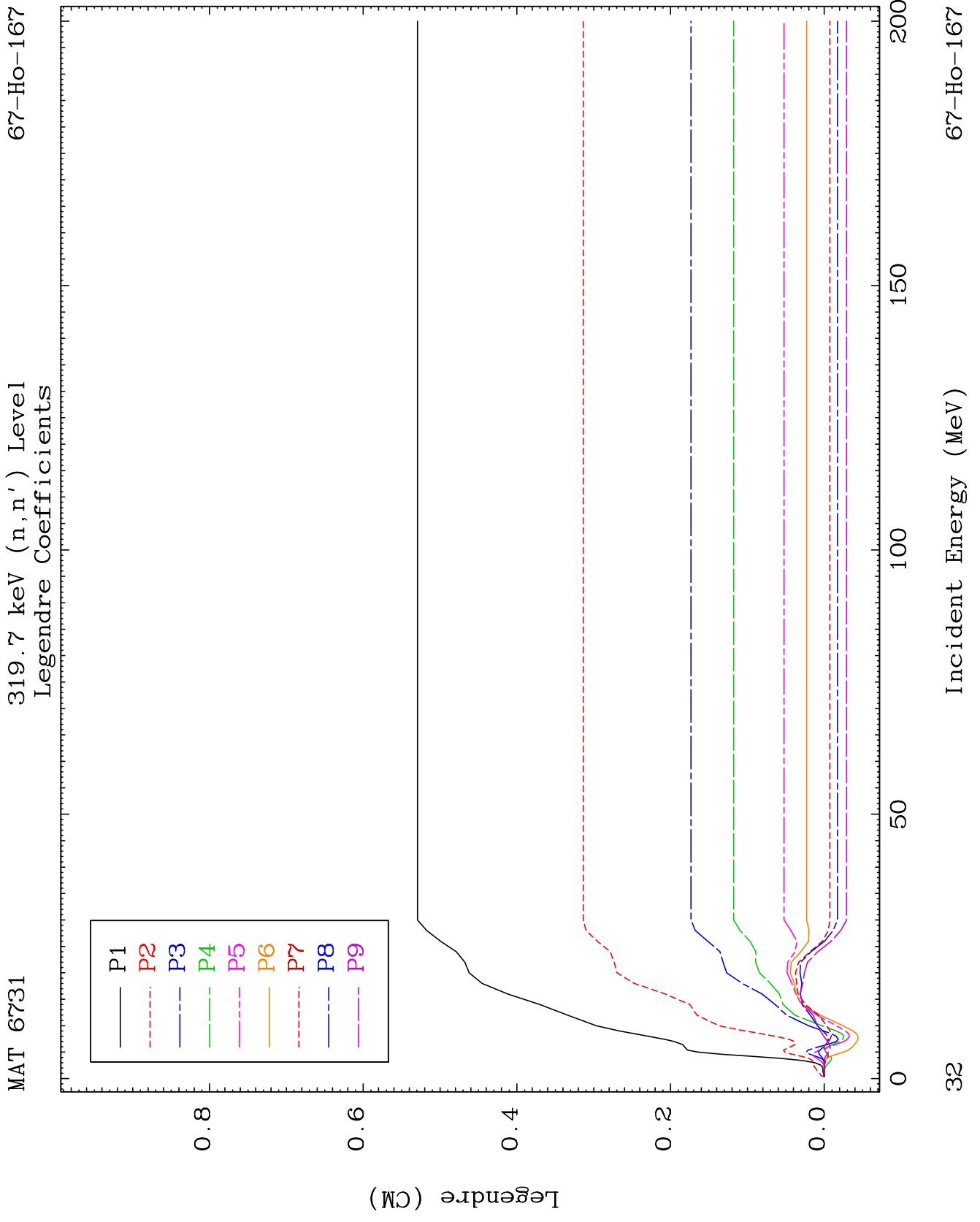
MAT 6731

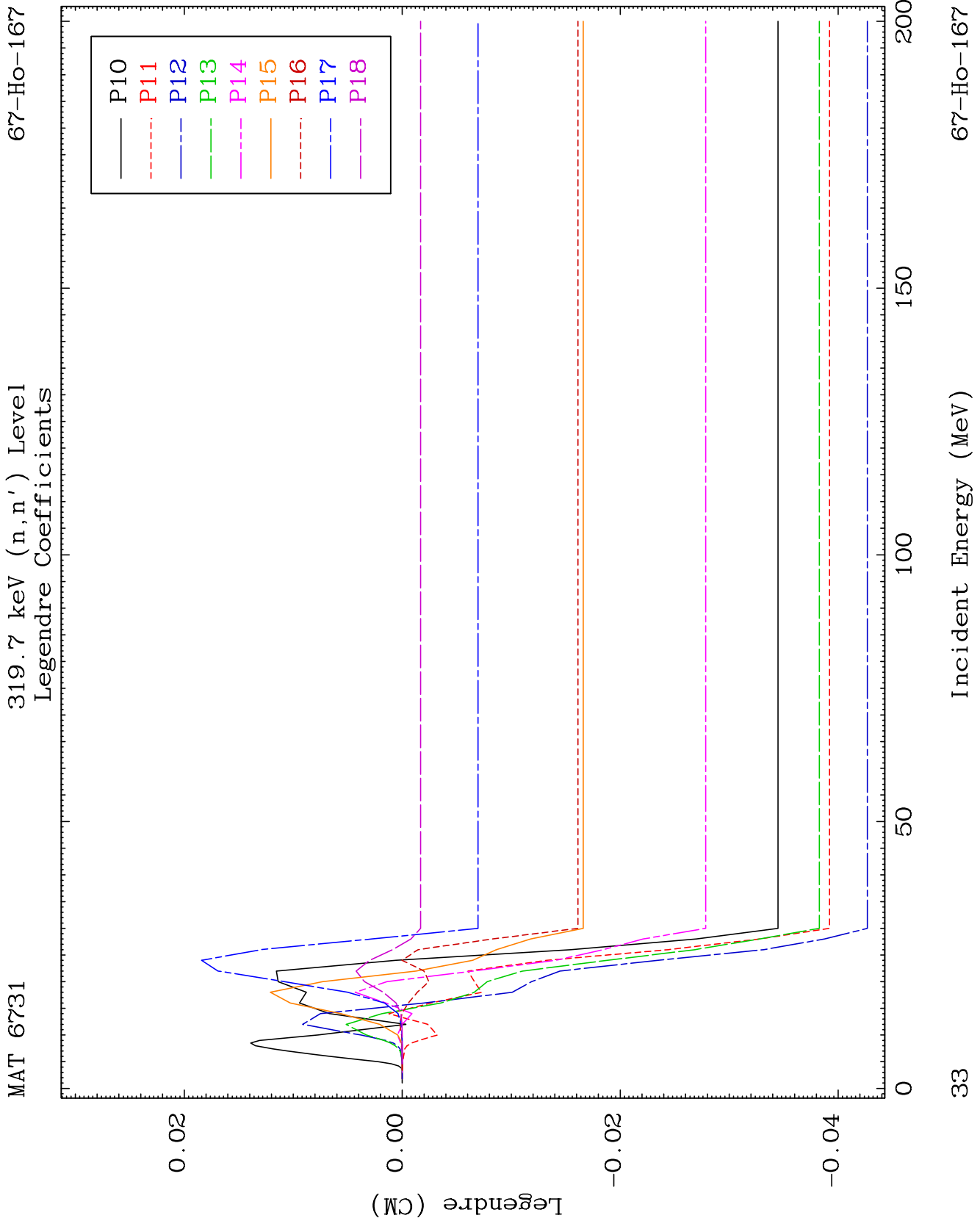
259.3 keV (n,n') Level
Legendre Coefficients

67-Ho-167



31

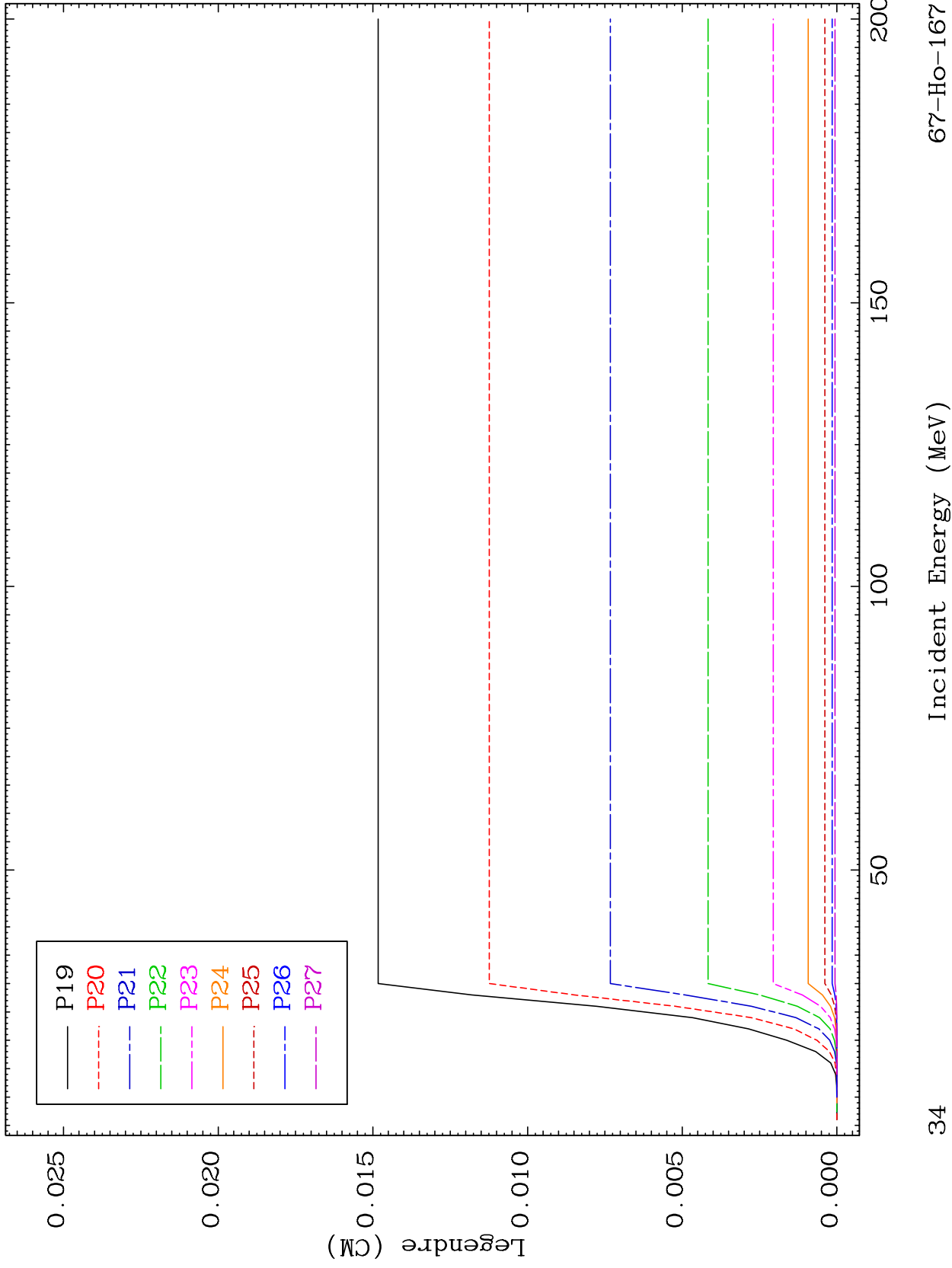




MAT 6731

319.7 keV (n,n') Level
Legendre Coefficients

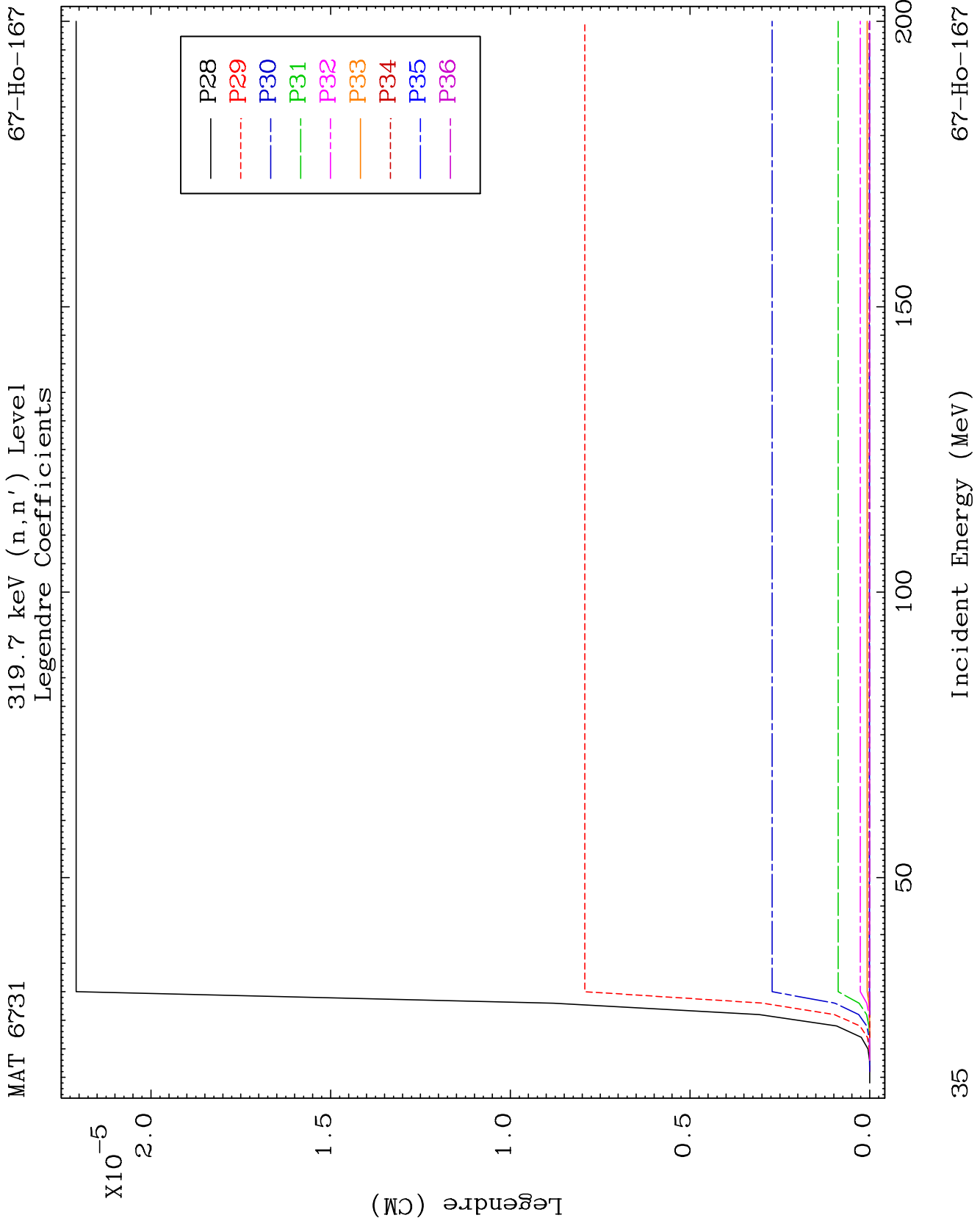
67-Ho-167

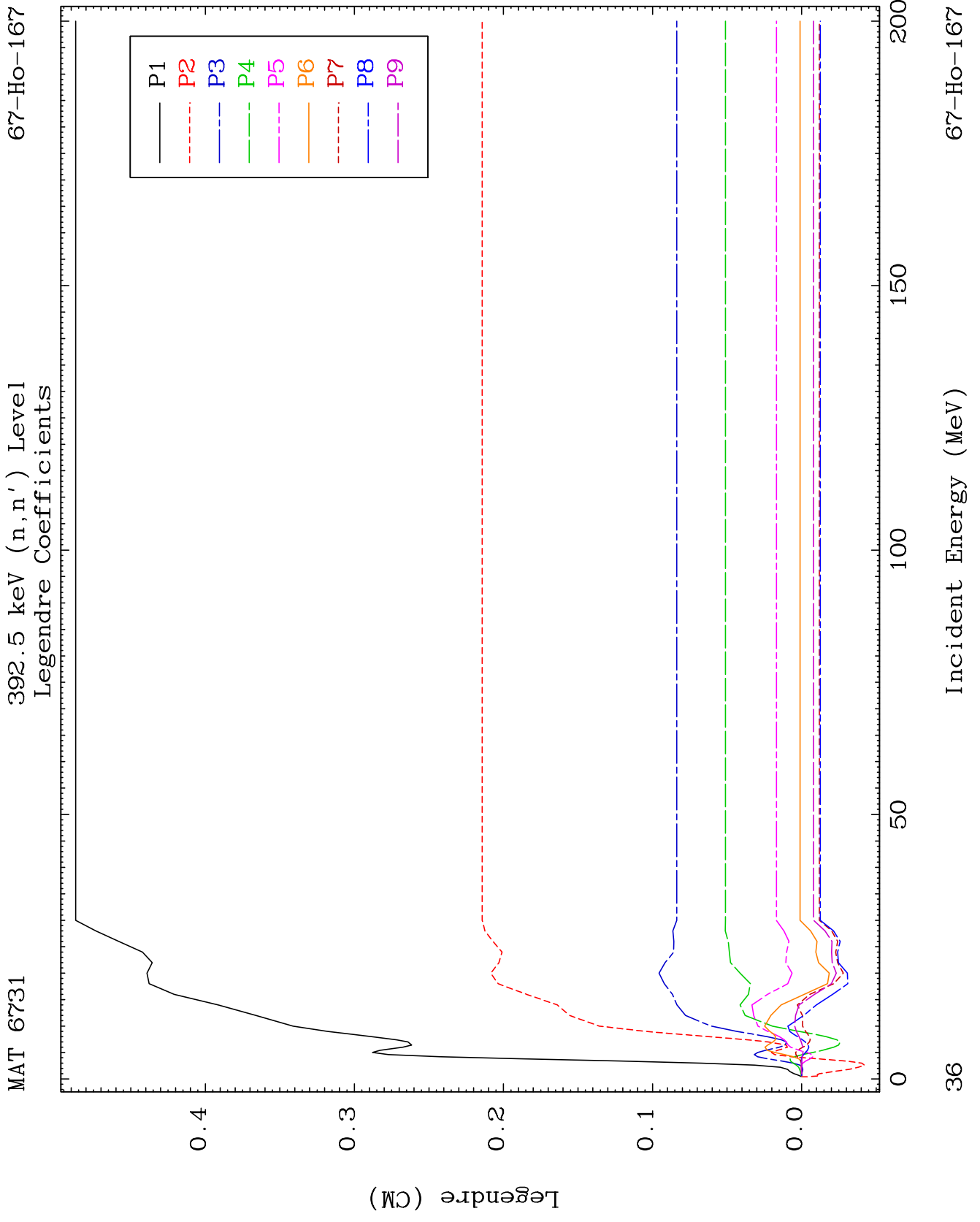


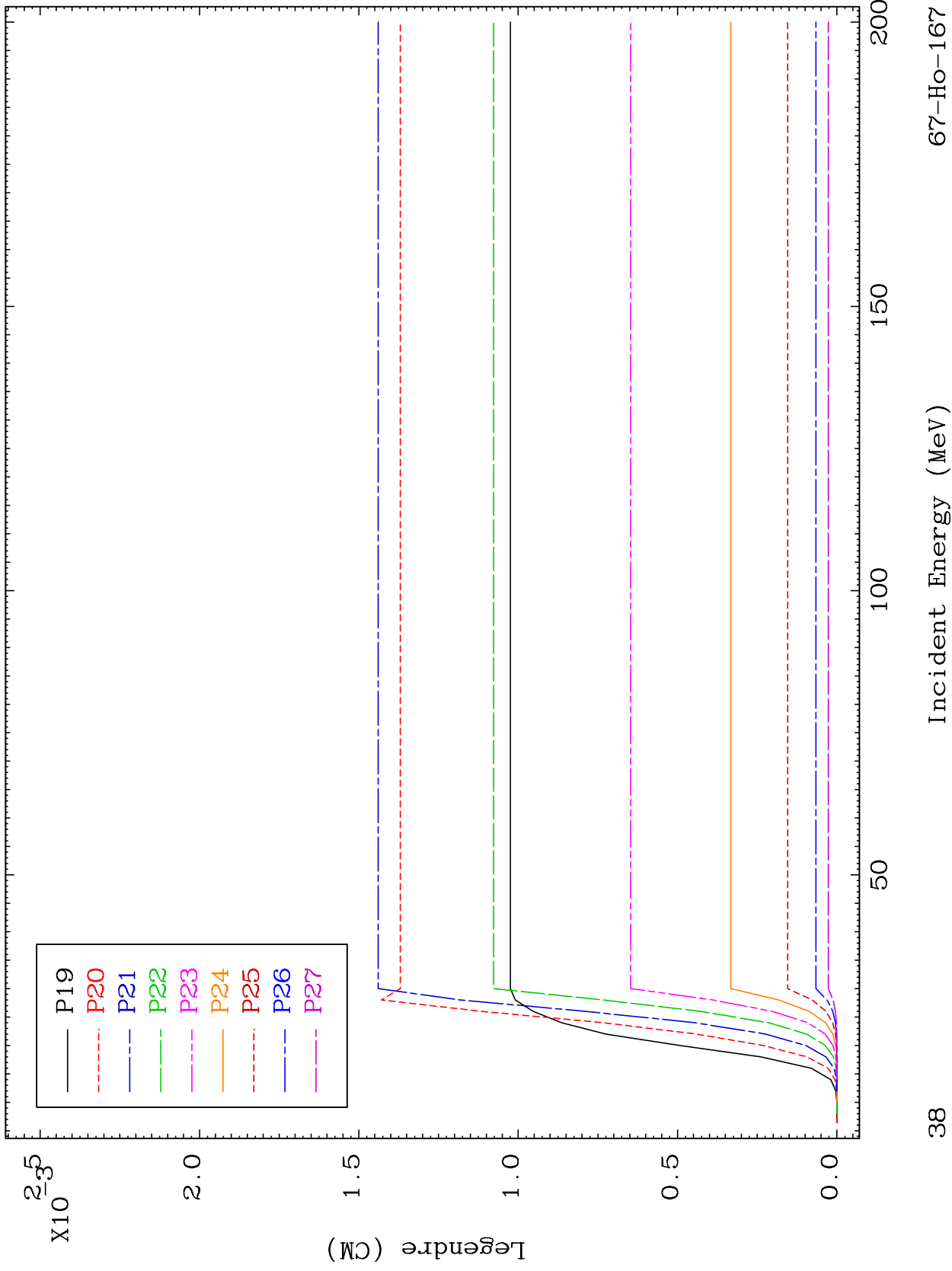
34

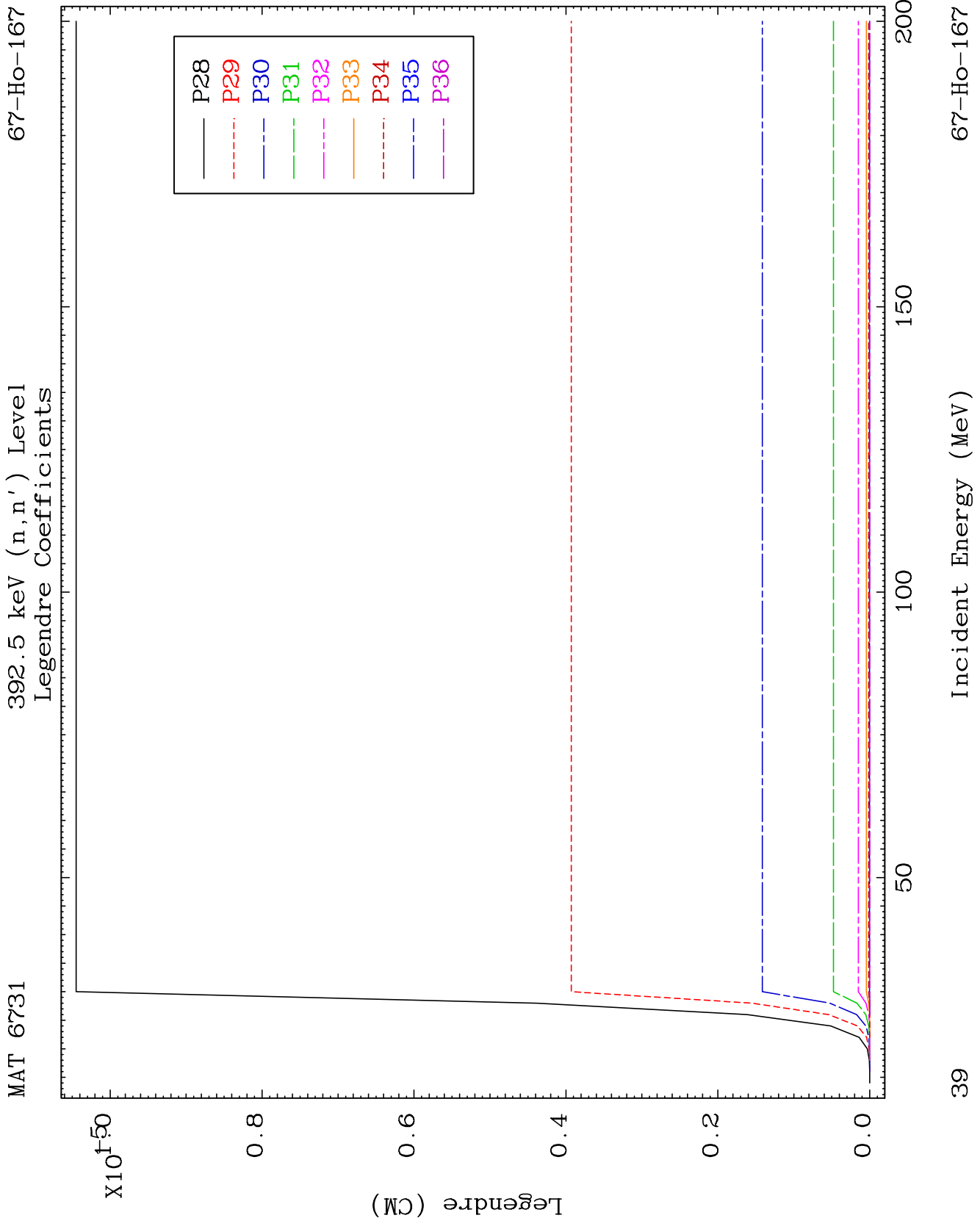
Incident Energy (MeV)

67-Ho-167





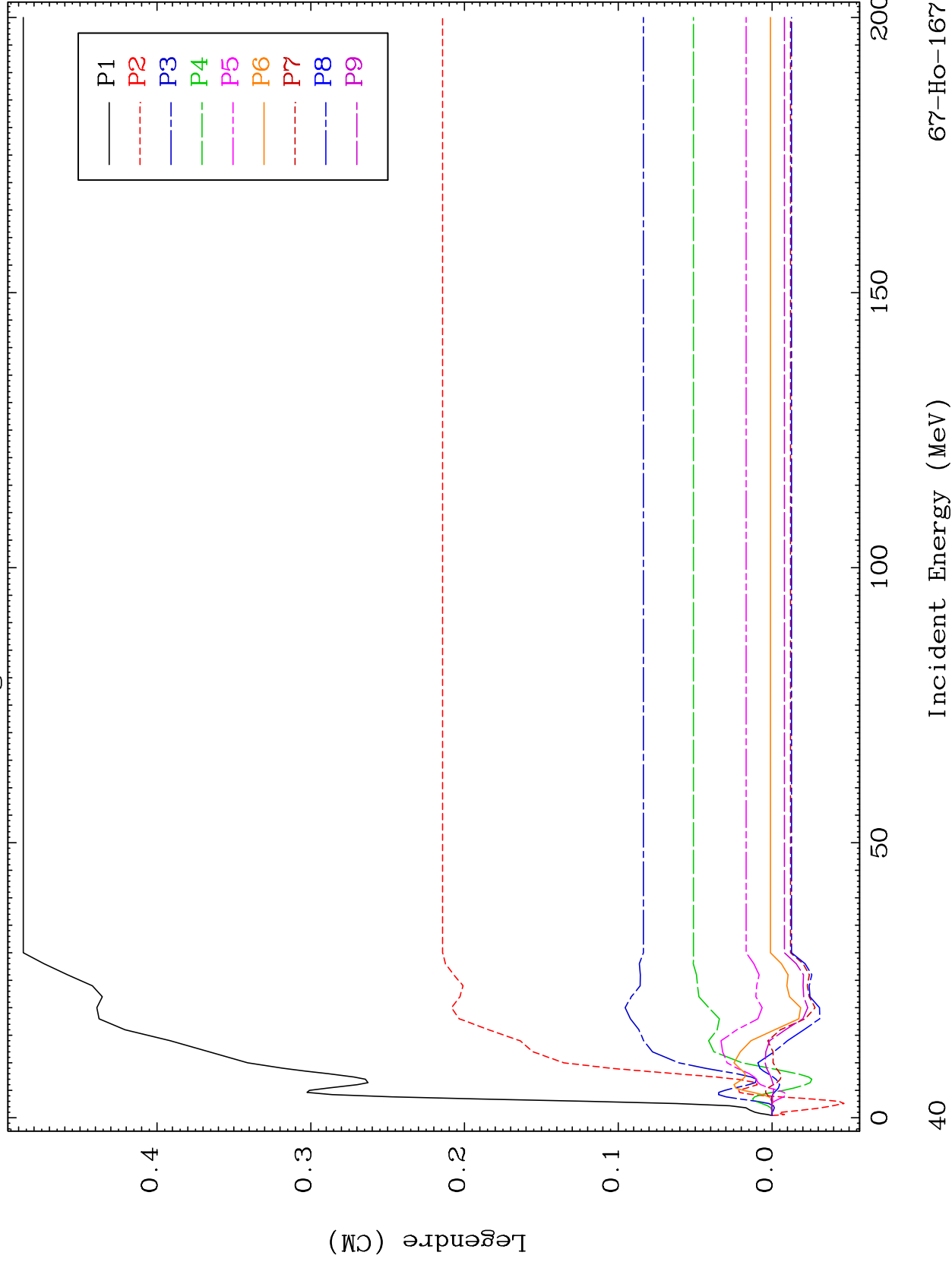




MAT 6731

403.0 keV (n,n') Level
Legendre Coefficients

67-Ho-167



67-Ho-167

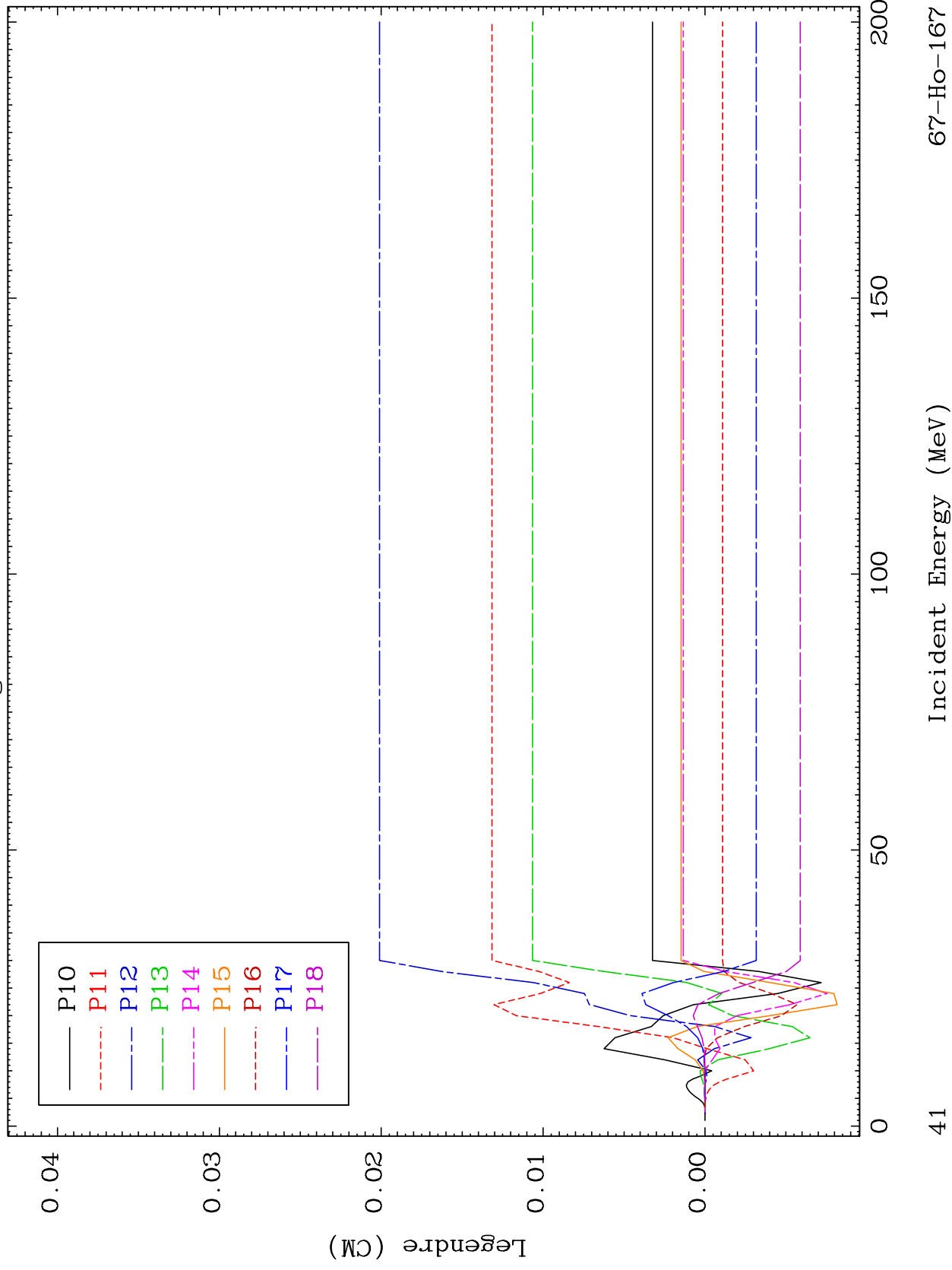
Incident Energy (MeV)

40

MAT 6731

403.0 keV (n,n') Level
Legendre Coefficients

67-Ho-167



41

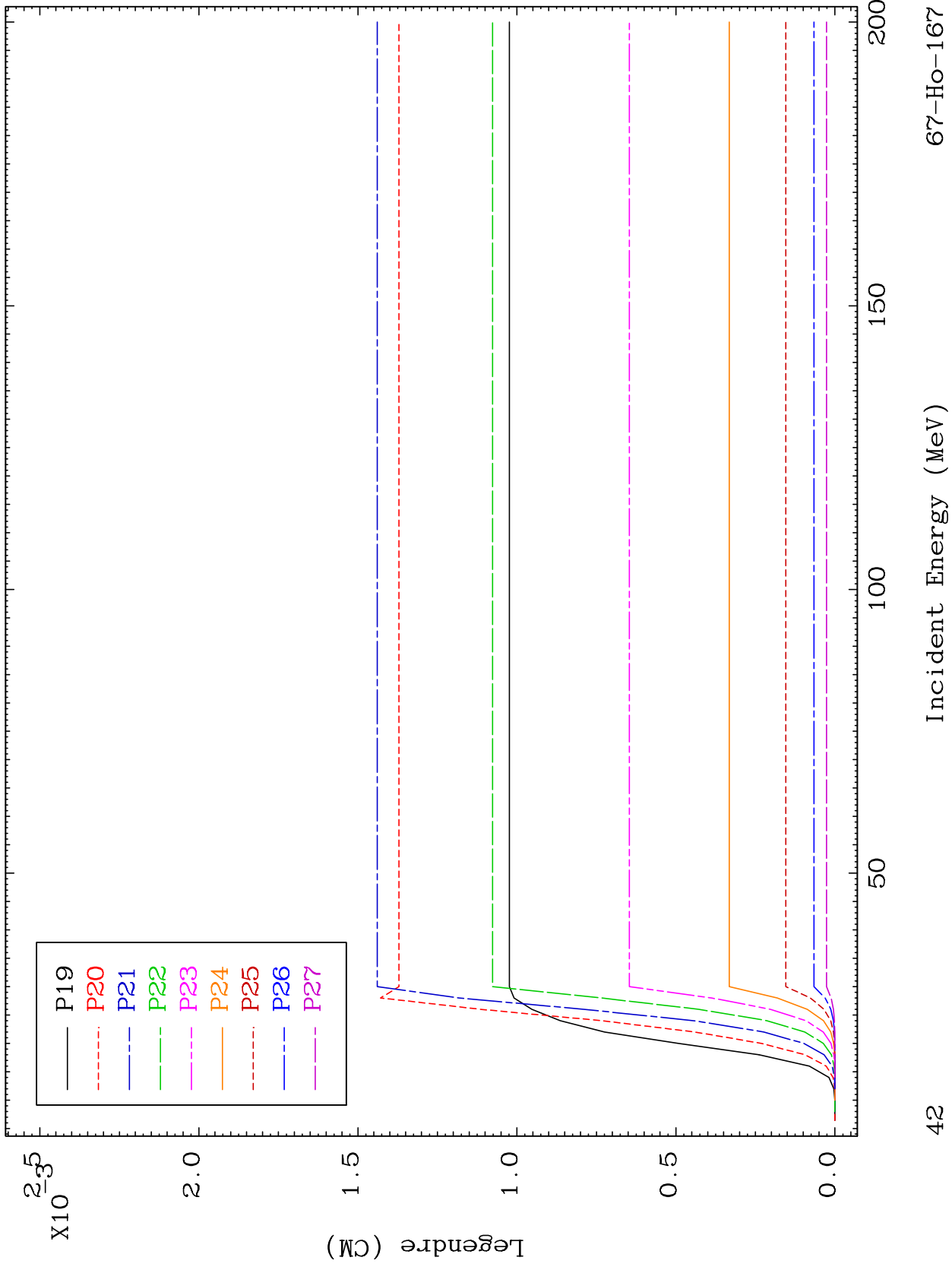
Incident Energy (MeV)

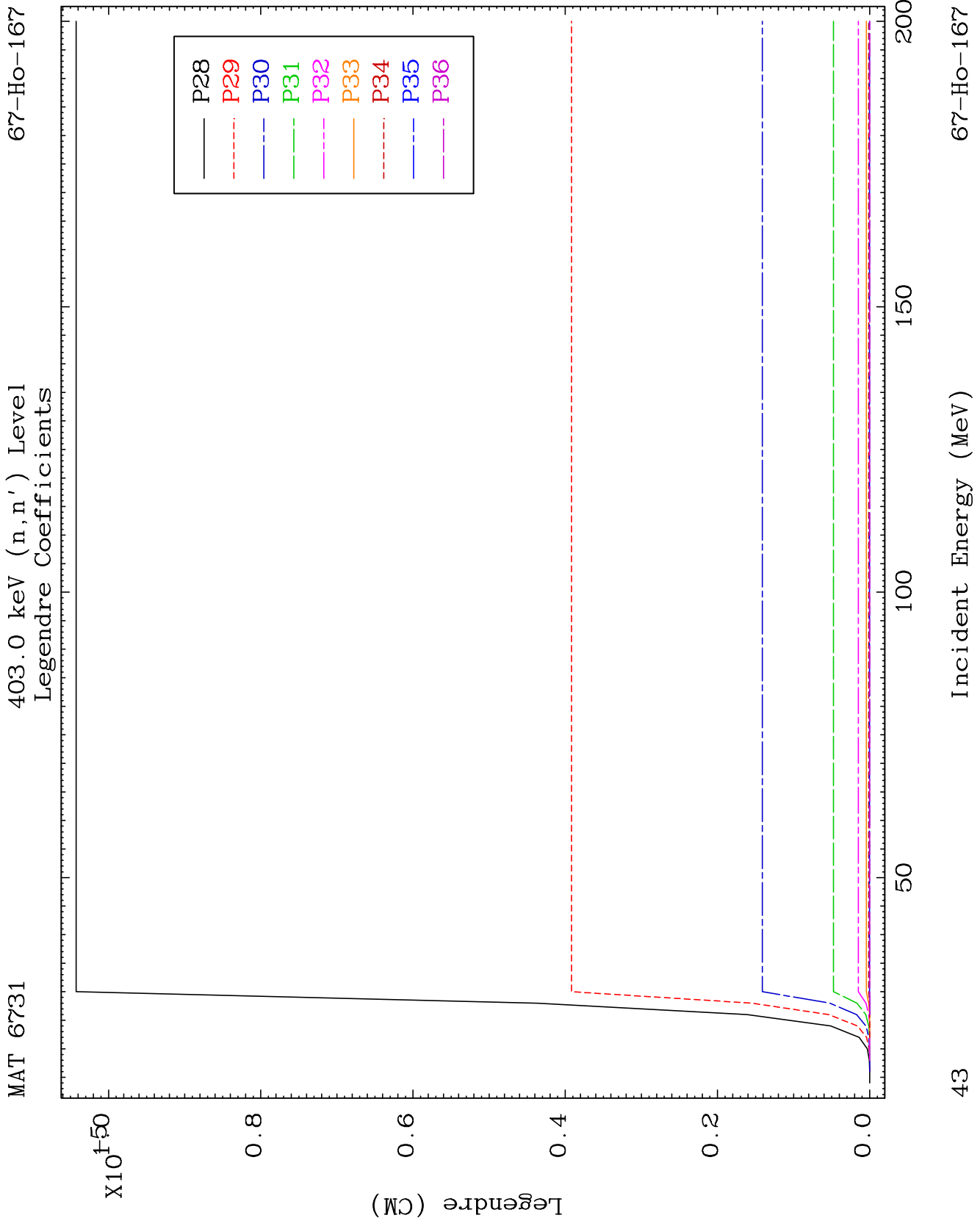
67-Ho-167

MAT 6731

403.0 keV (n,n') Level
Legendre Coefficients

67-Ho-167

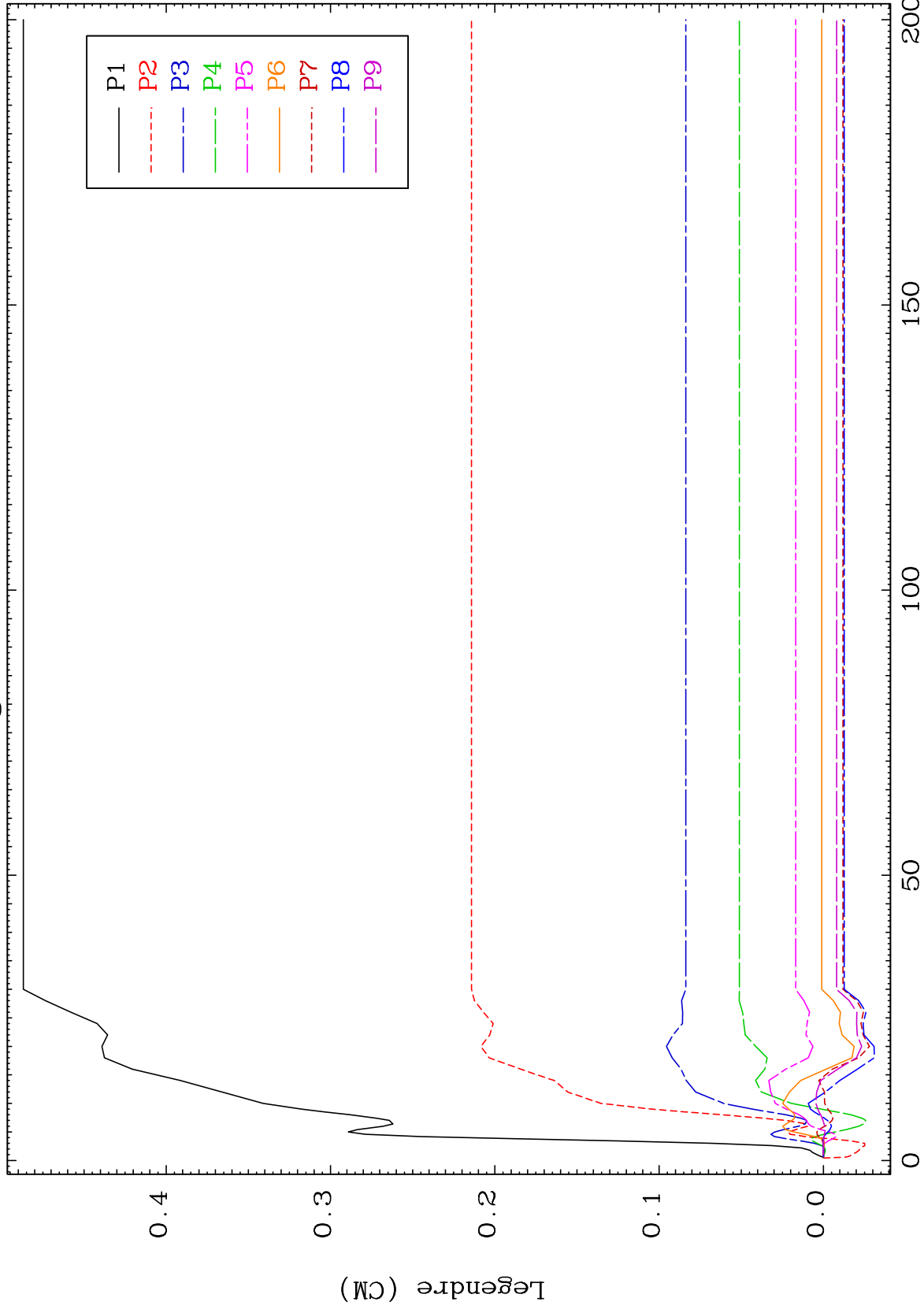




MAT 6731

410.0 keV (n,n') Level
Legendre Coefficients

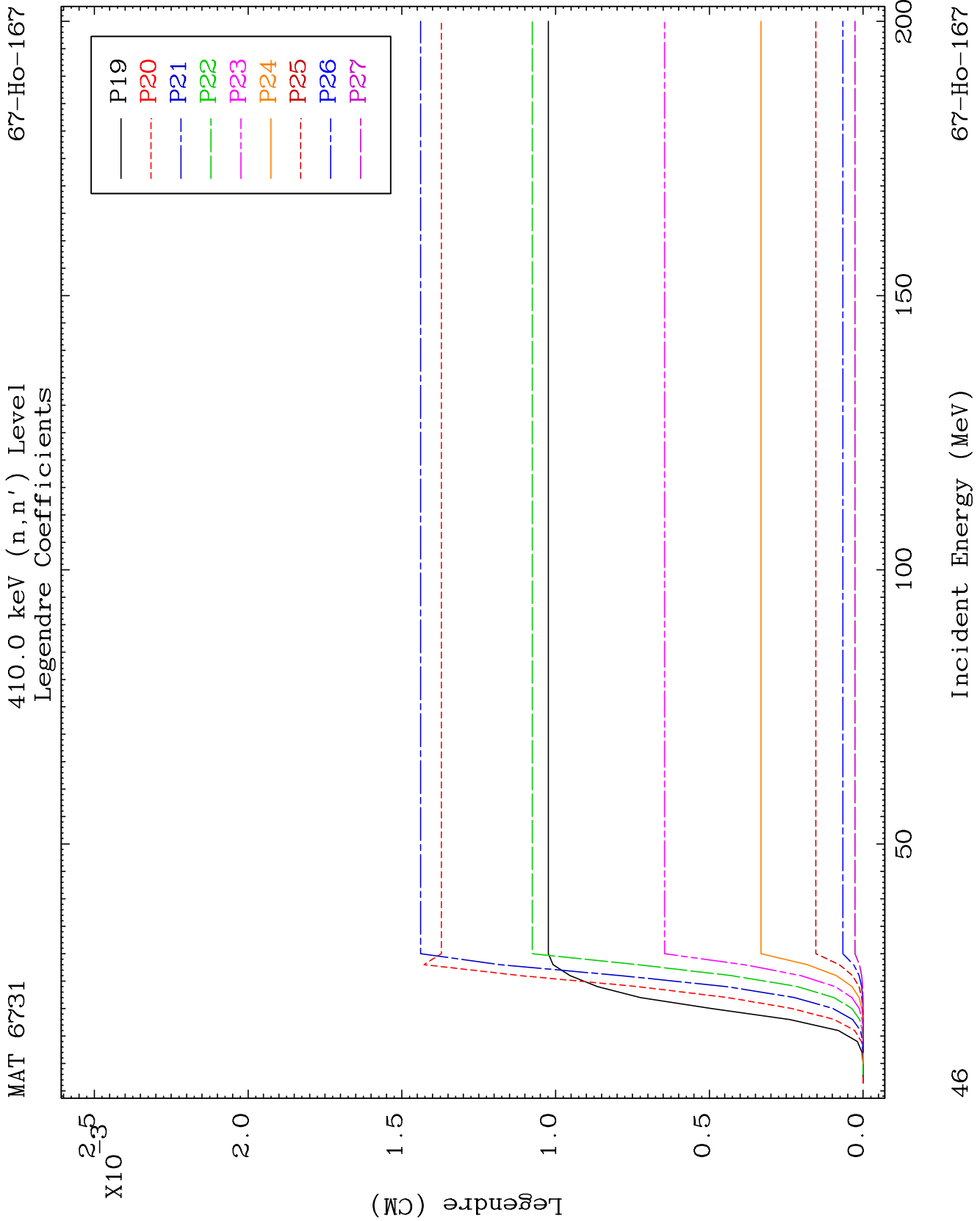
67-Ho-167

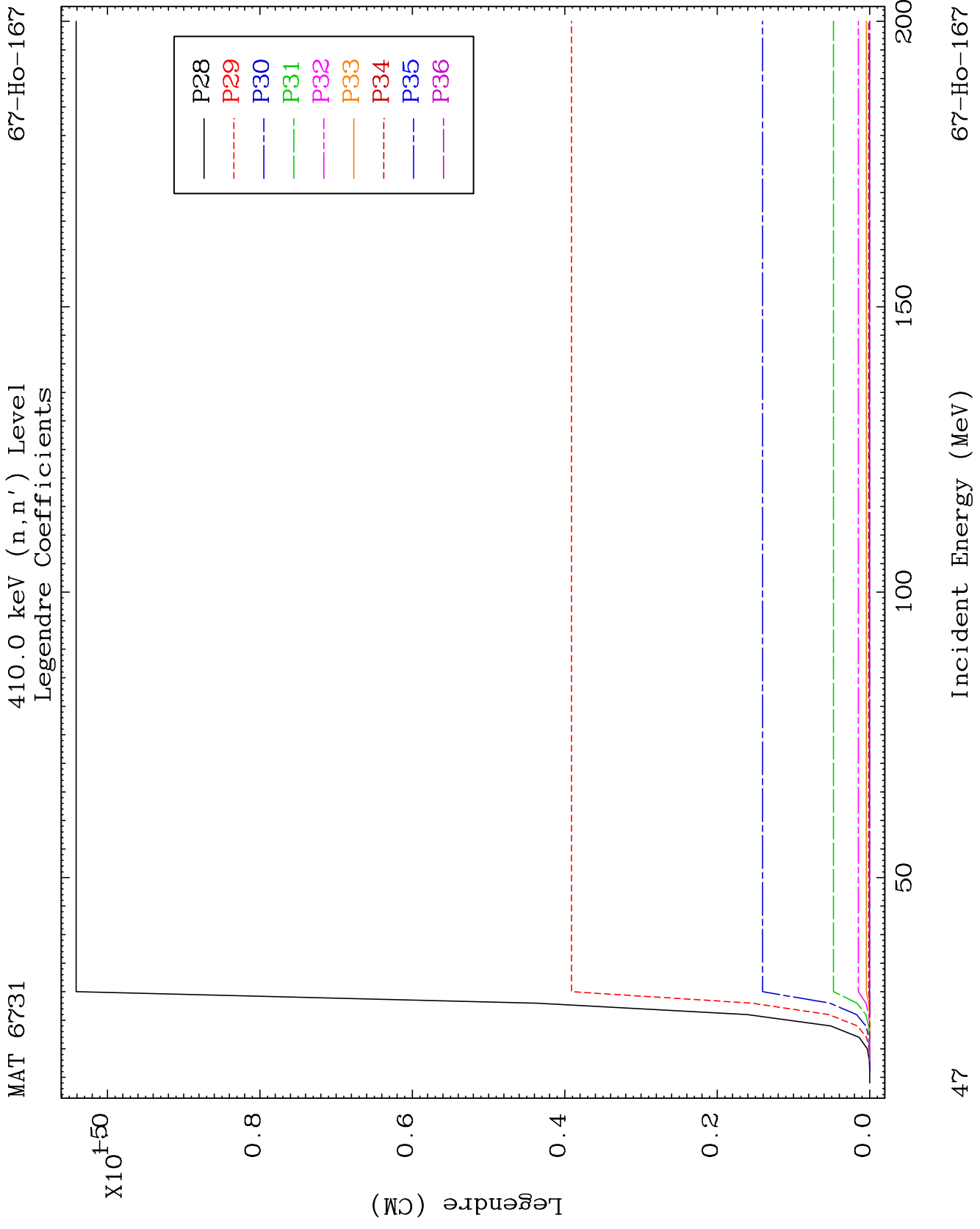


44

Incident Energy (MeV)

67-Ho-167

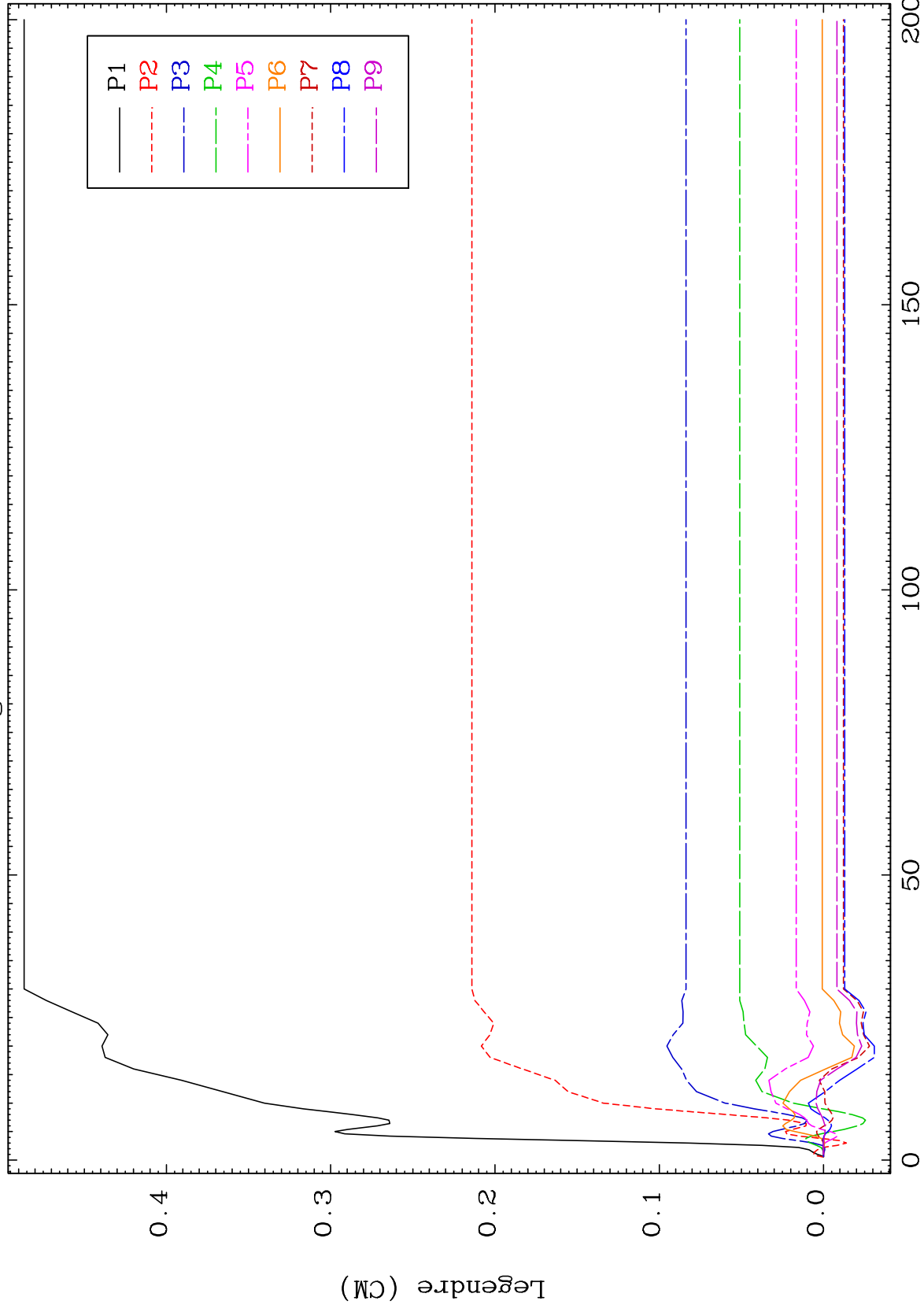




MAT 6731

508.0 keV (n,n') Level
Legendre Coefficients

67-Ho-167



48

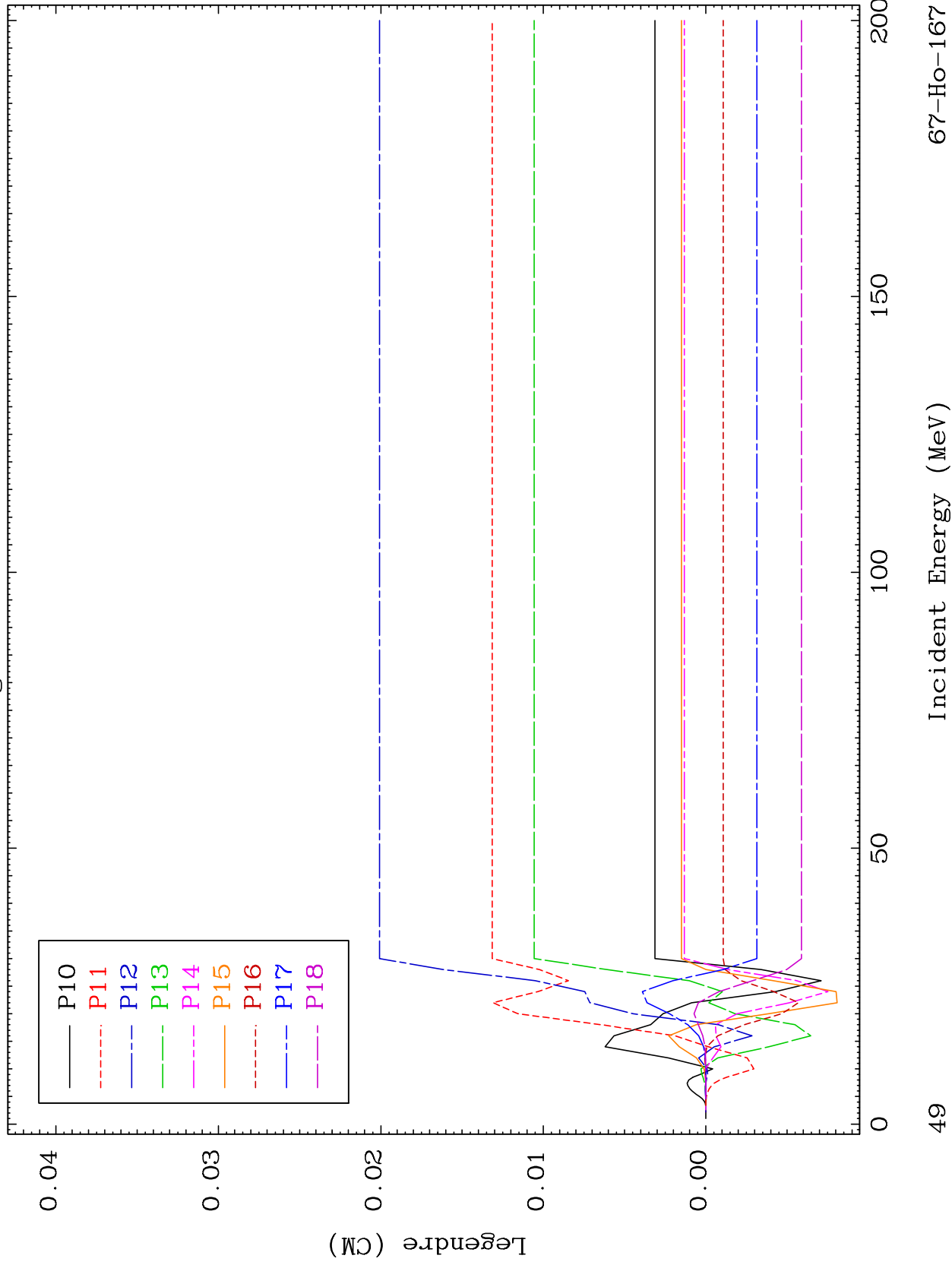
Incident Energy (MeV)

67-Ho-167

MAT 6731

508.0 keV (n,n') Level
Legendre Coefficients

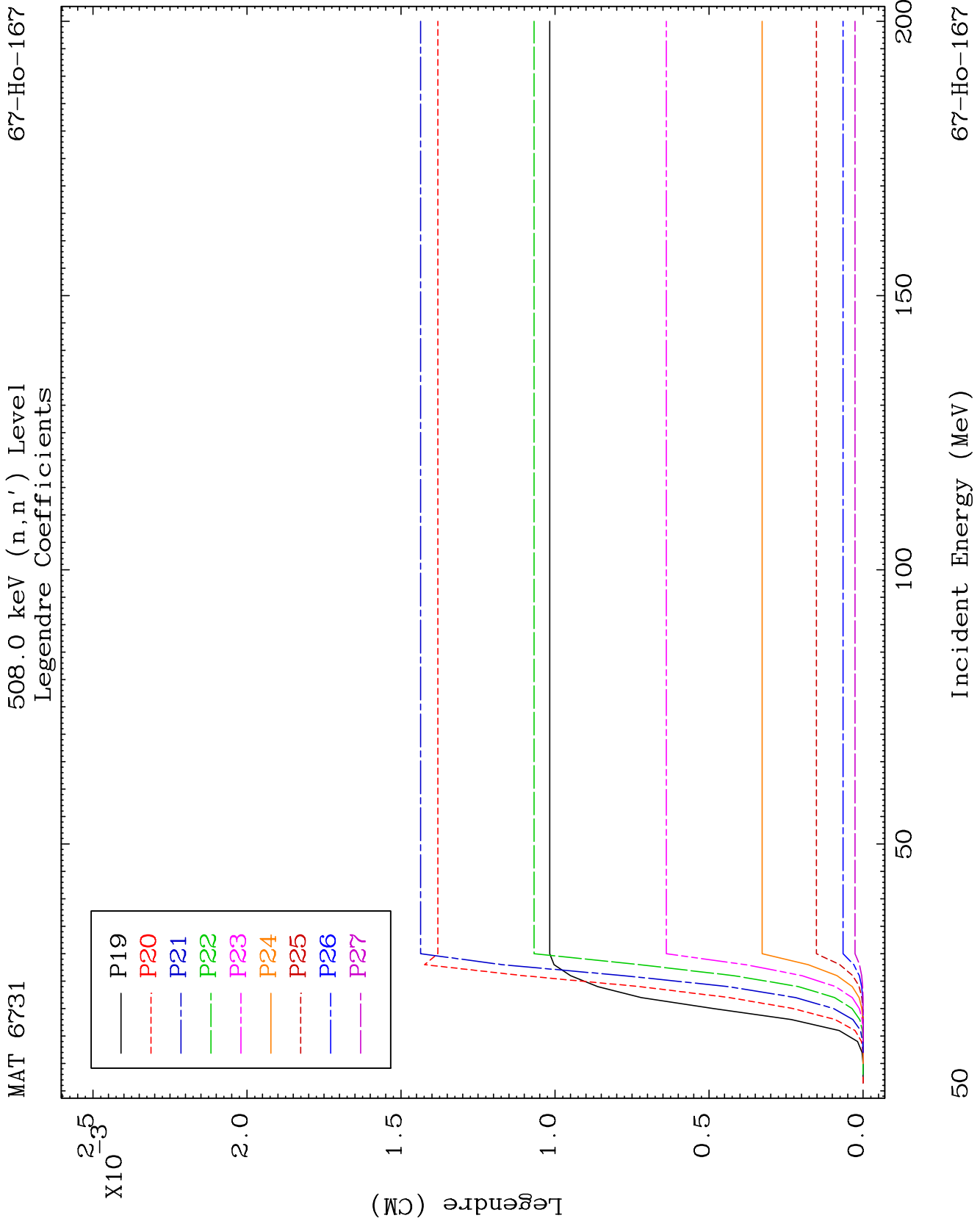
67-Ho-167



67-Ho-167

Incident Energy (MeV)

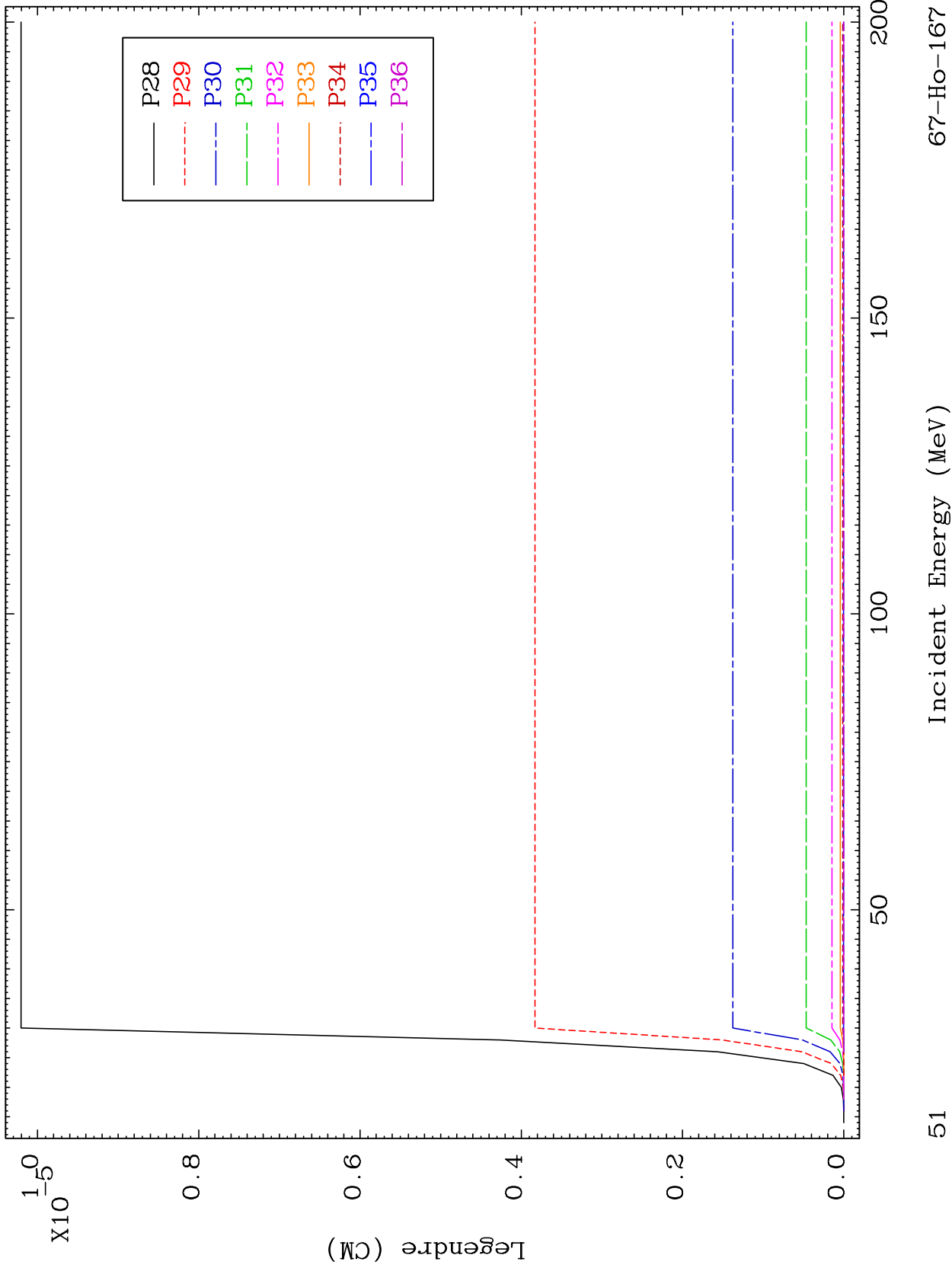
49



MAT 6731

508.0 keV (n,n') Level
Legendre Coefficients

67-Ho-167

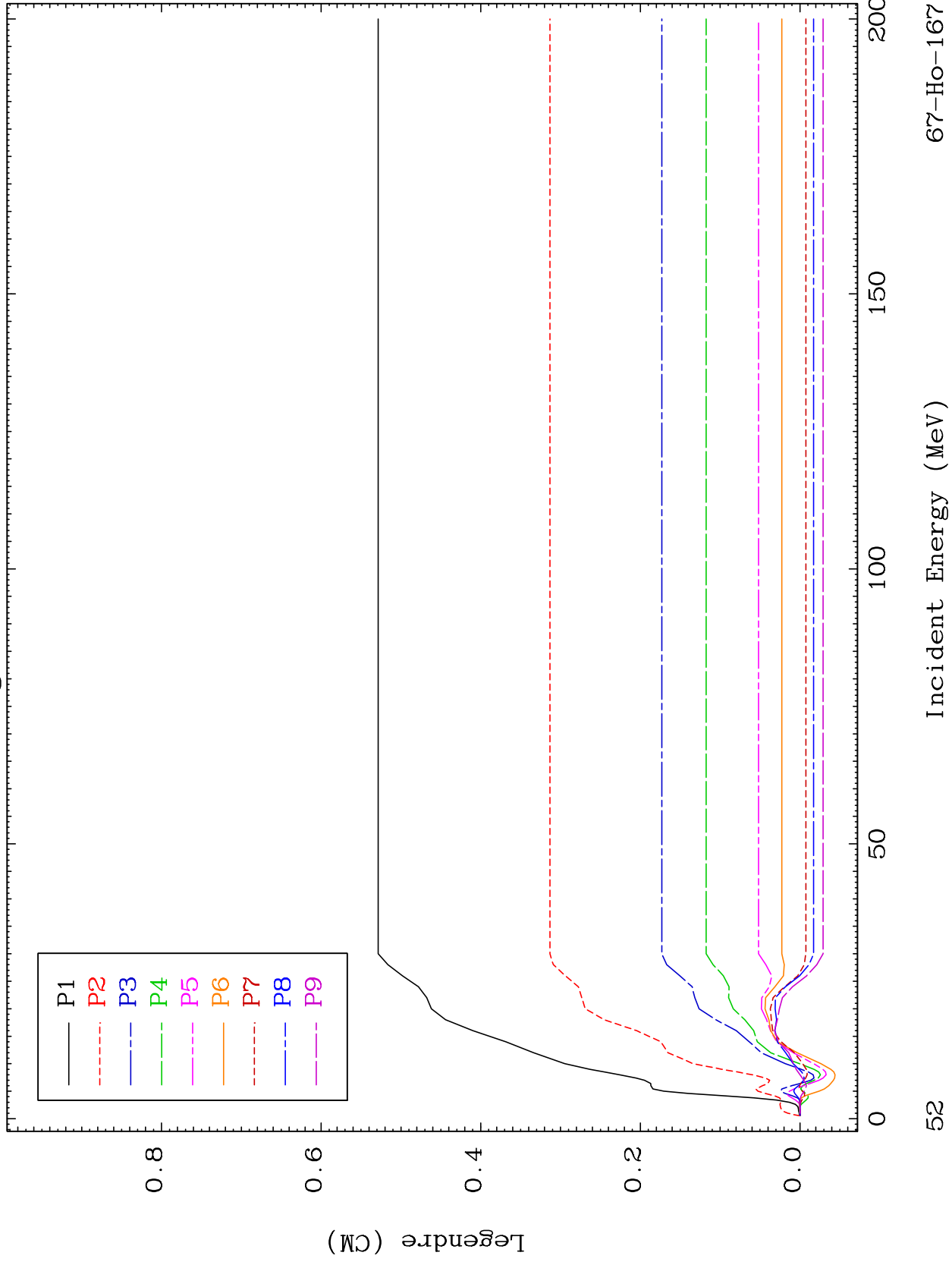


51

MAT 6731

540.0 keV (n,n') Level
Legendre Coefficients

67-Ho-167



67-Ho-167

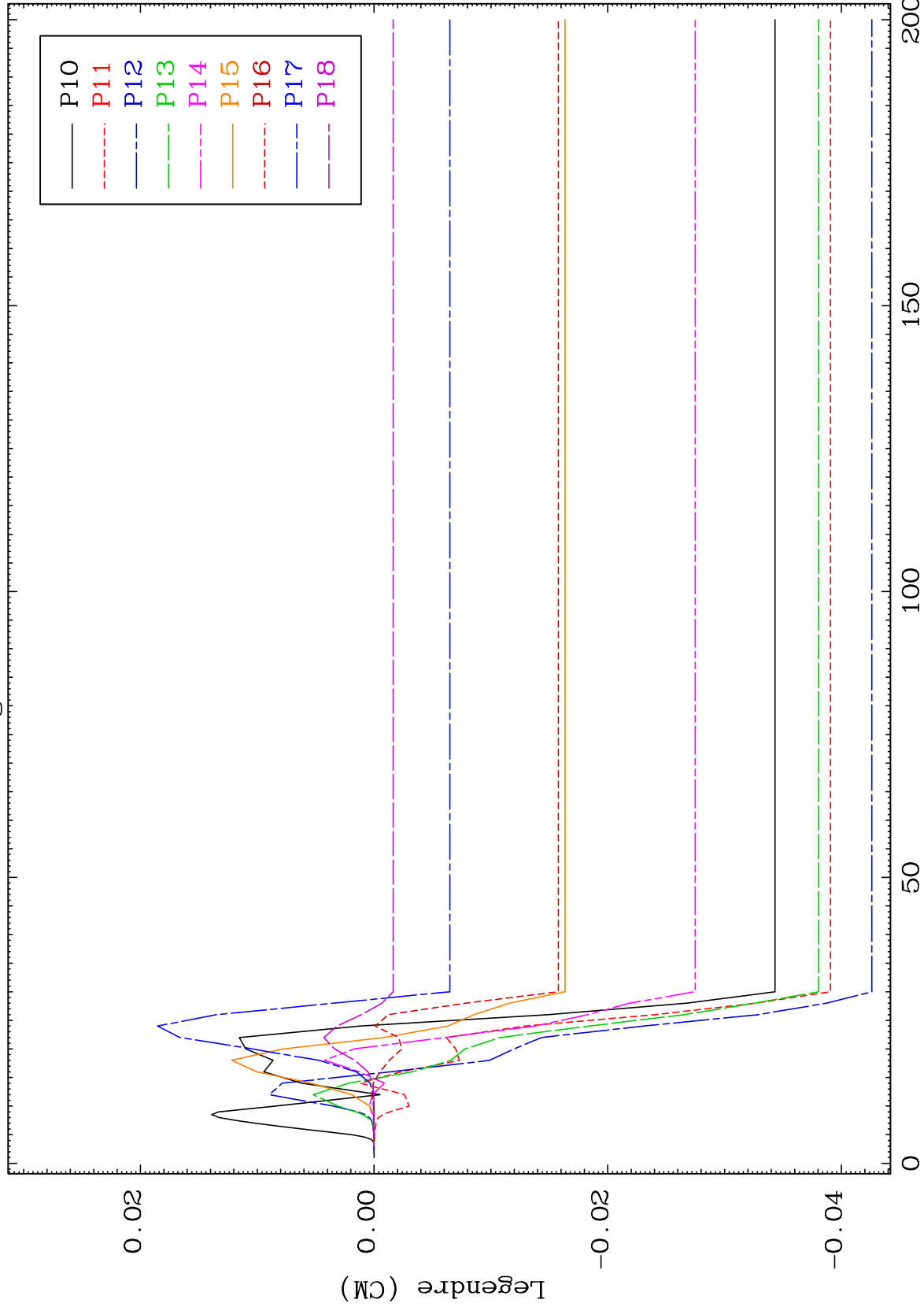
Incident Energy (MeV)

52

MAT 6731

540.0 keV (n,n') Level
Legendre Coefficients

67-Ho-167



53

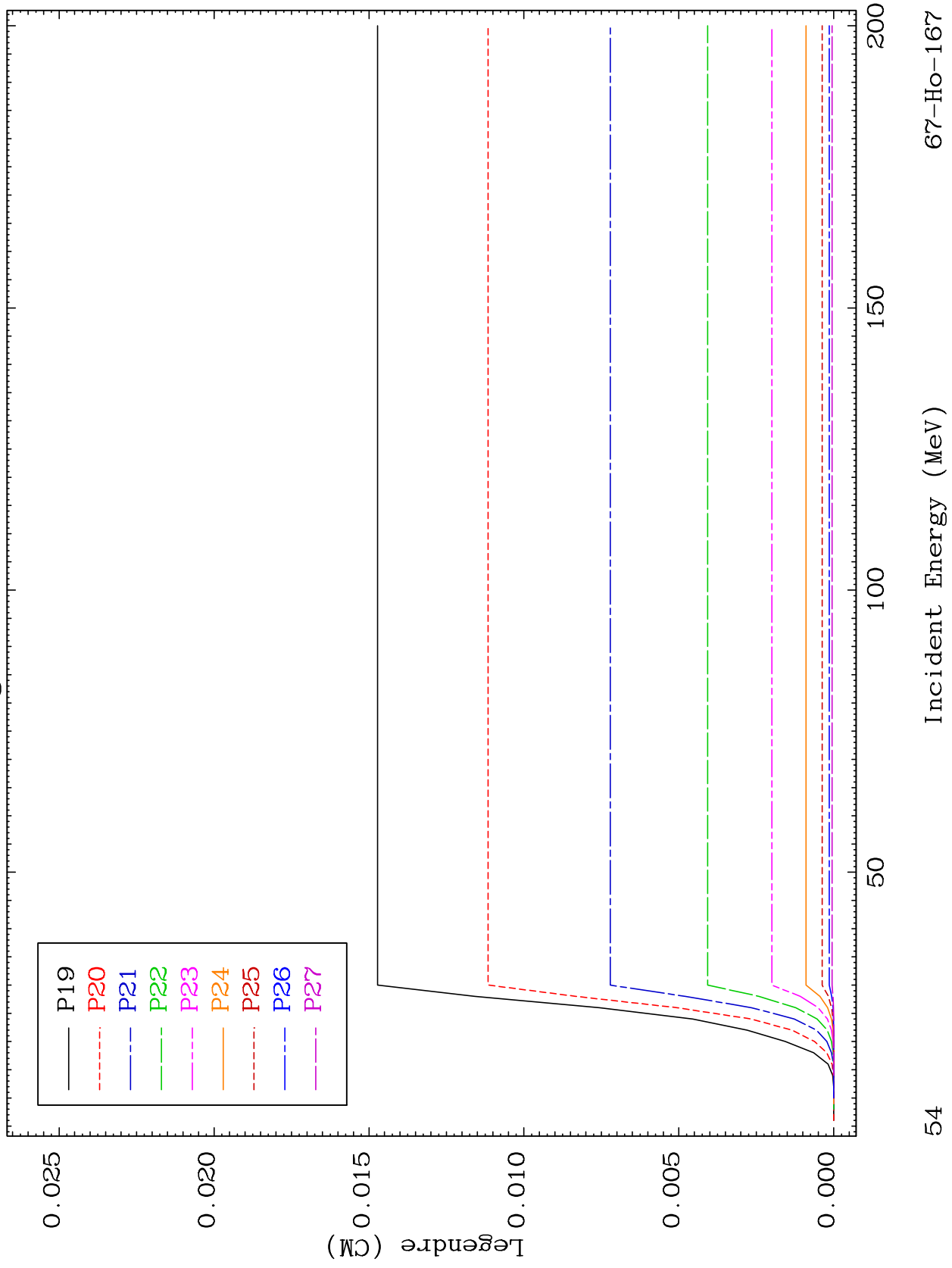
Incident Energy (MeV)

67-Ho-167

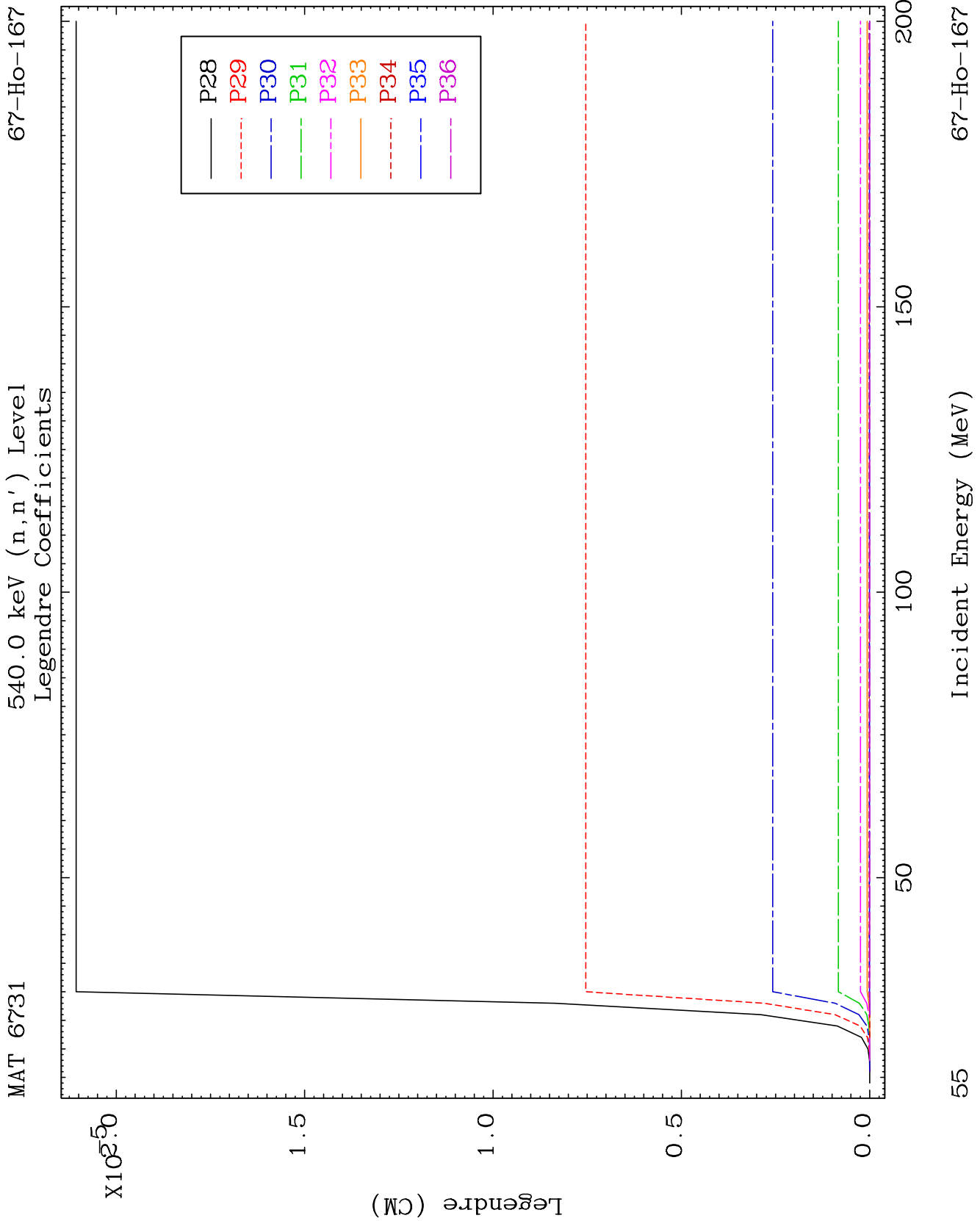
MAT 6731

540.0 keV (n,n') Level Legendre Coefficients

67-Ho-167



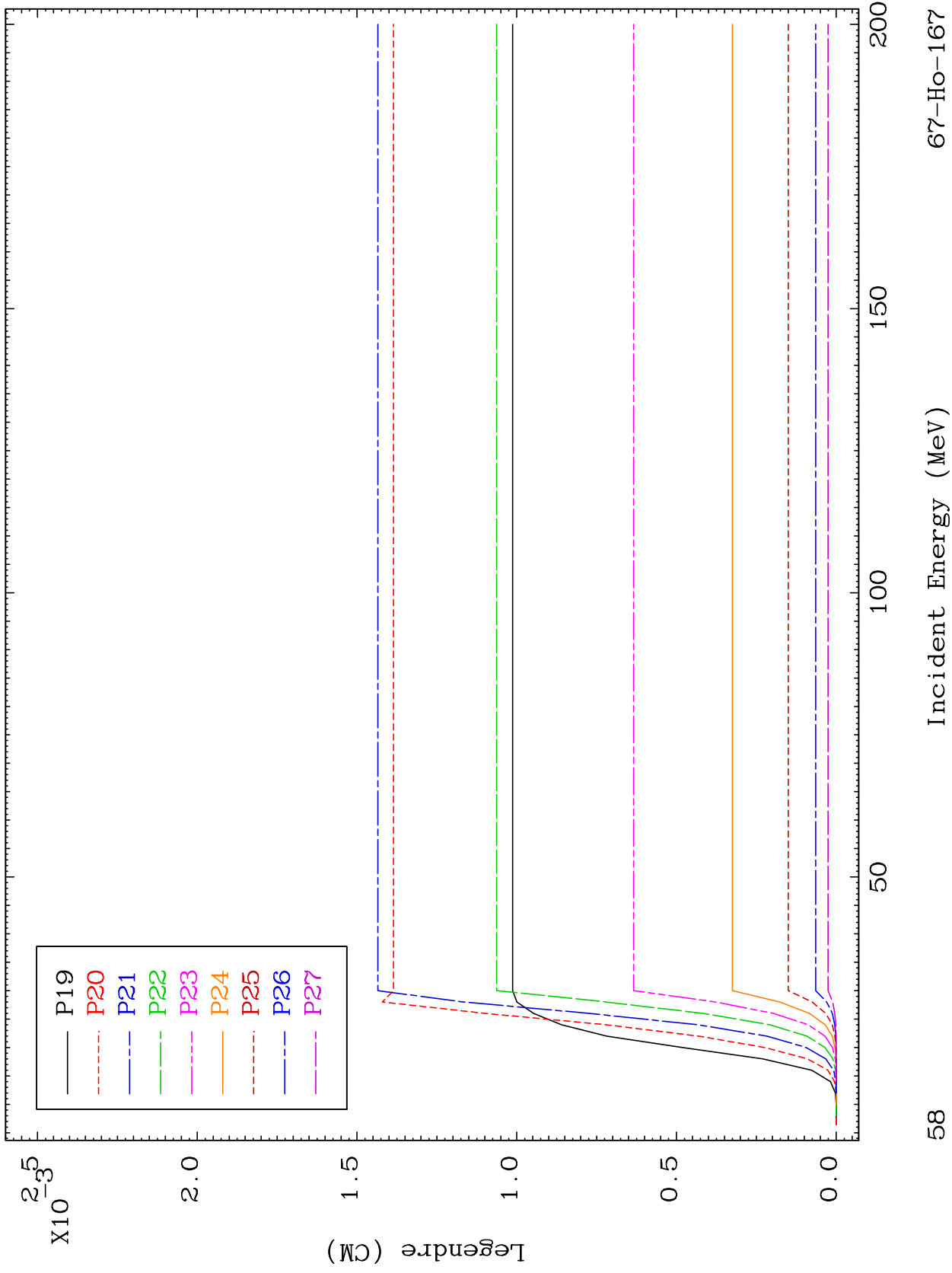
54



MAT 6731

569.7 keV (n, n') Level
Legendre Coefficients

67-Ho-167



58

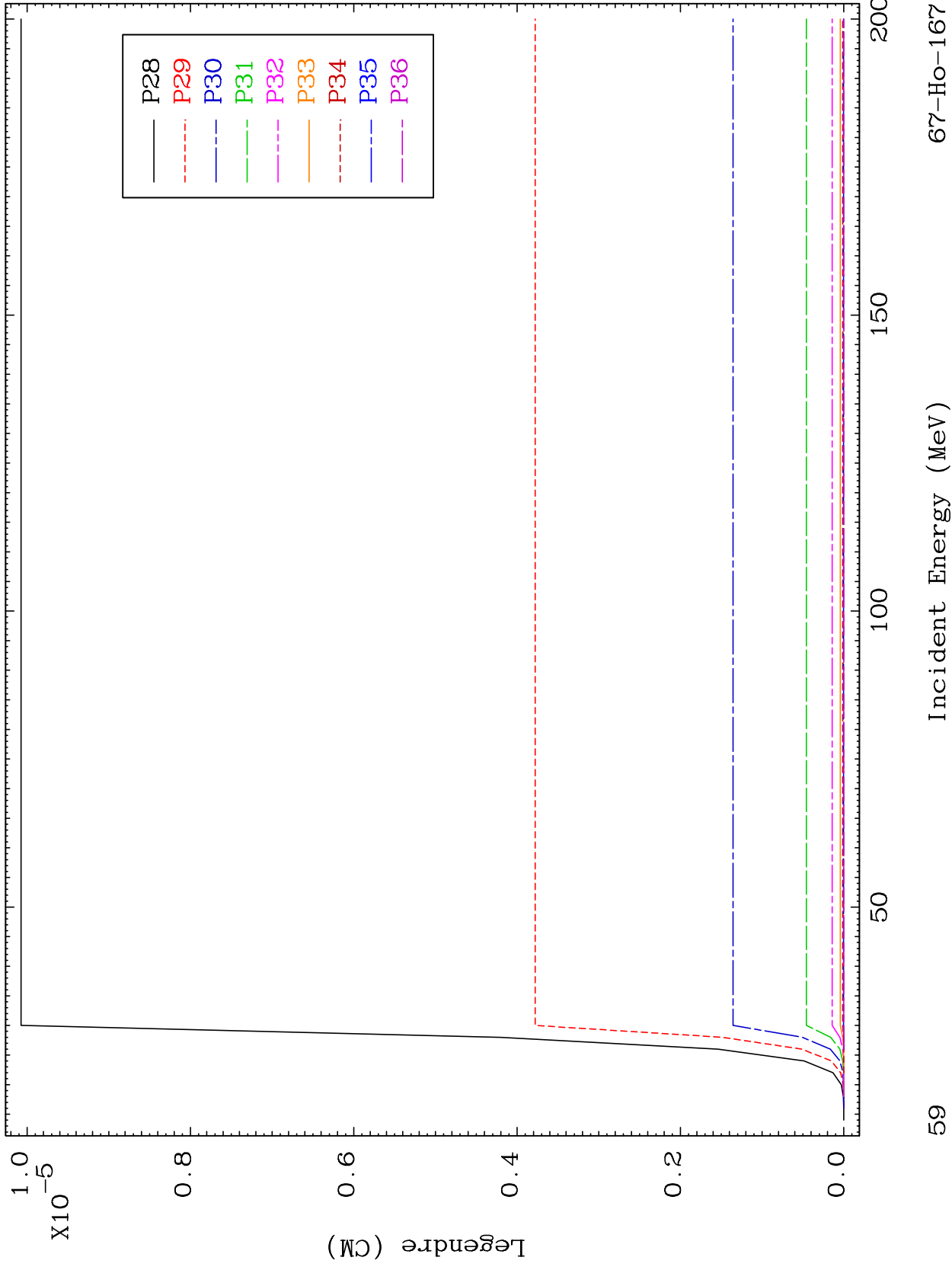
Incident Energy (MeV)

67-Ho-167

MAT 6731

569.7 keV (n,n') Level
Legendre Coefficients

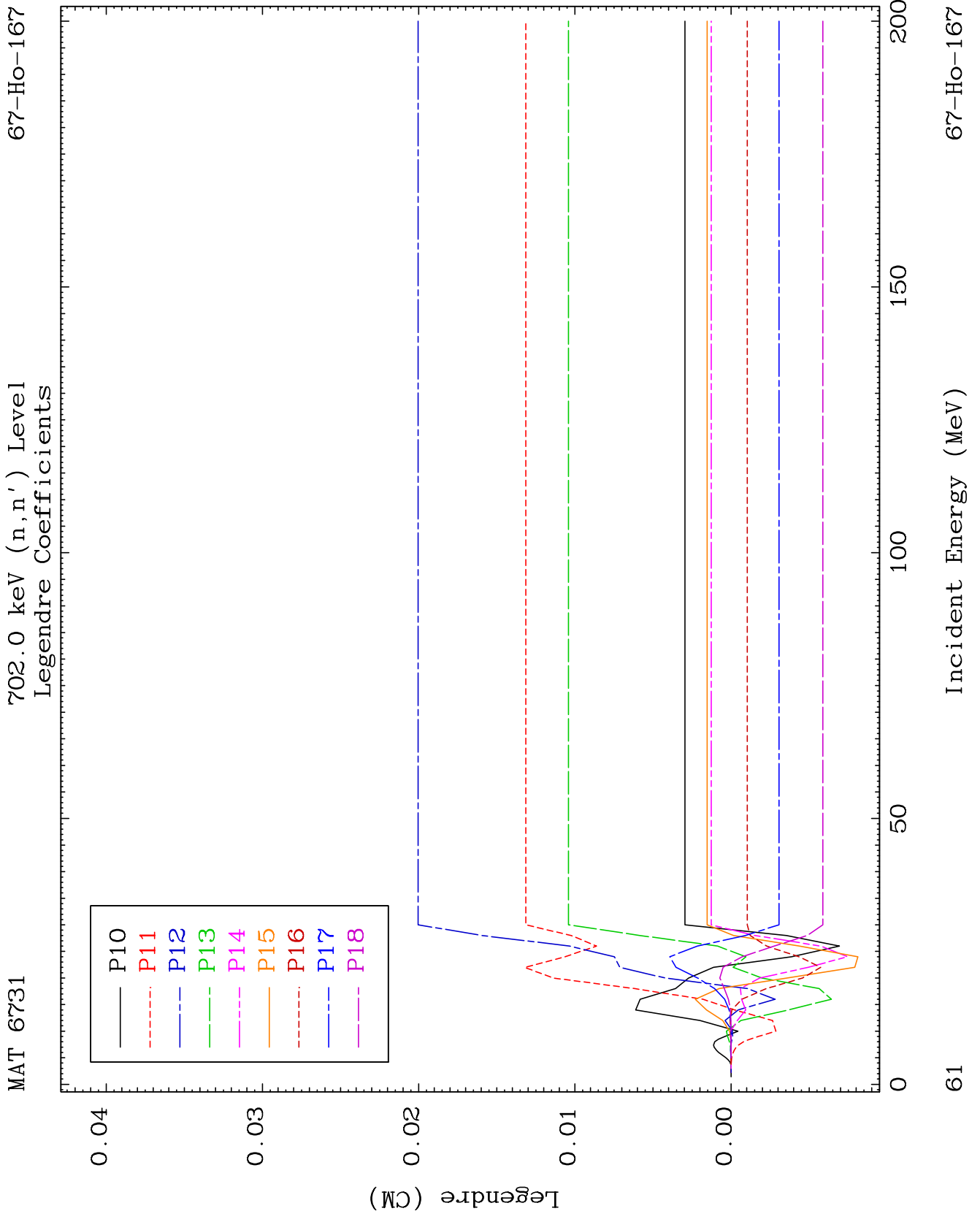
67-Ho-167

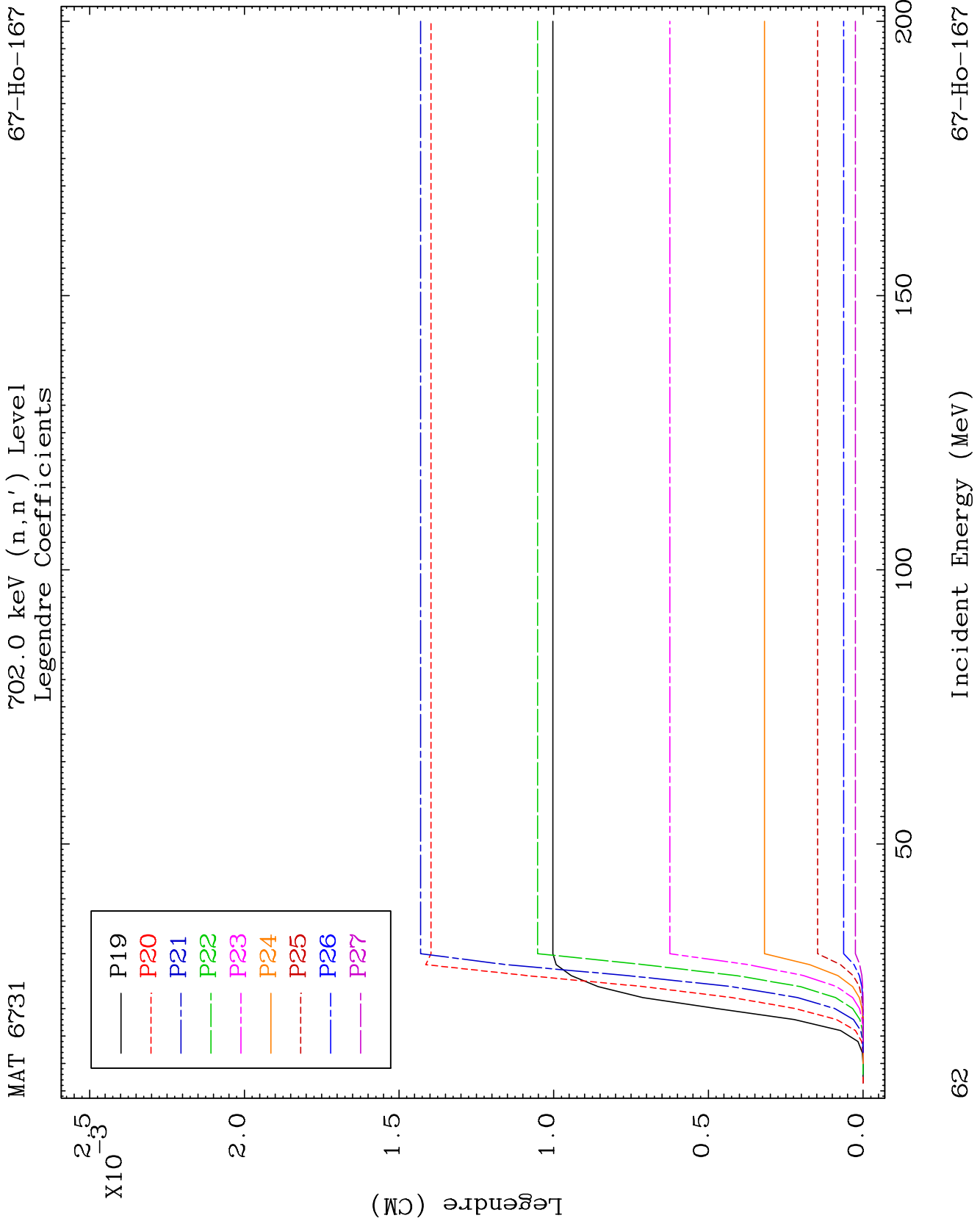


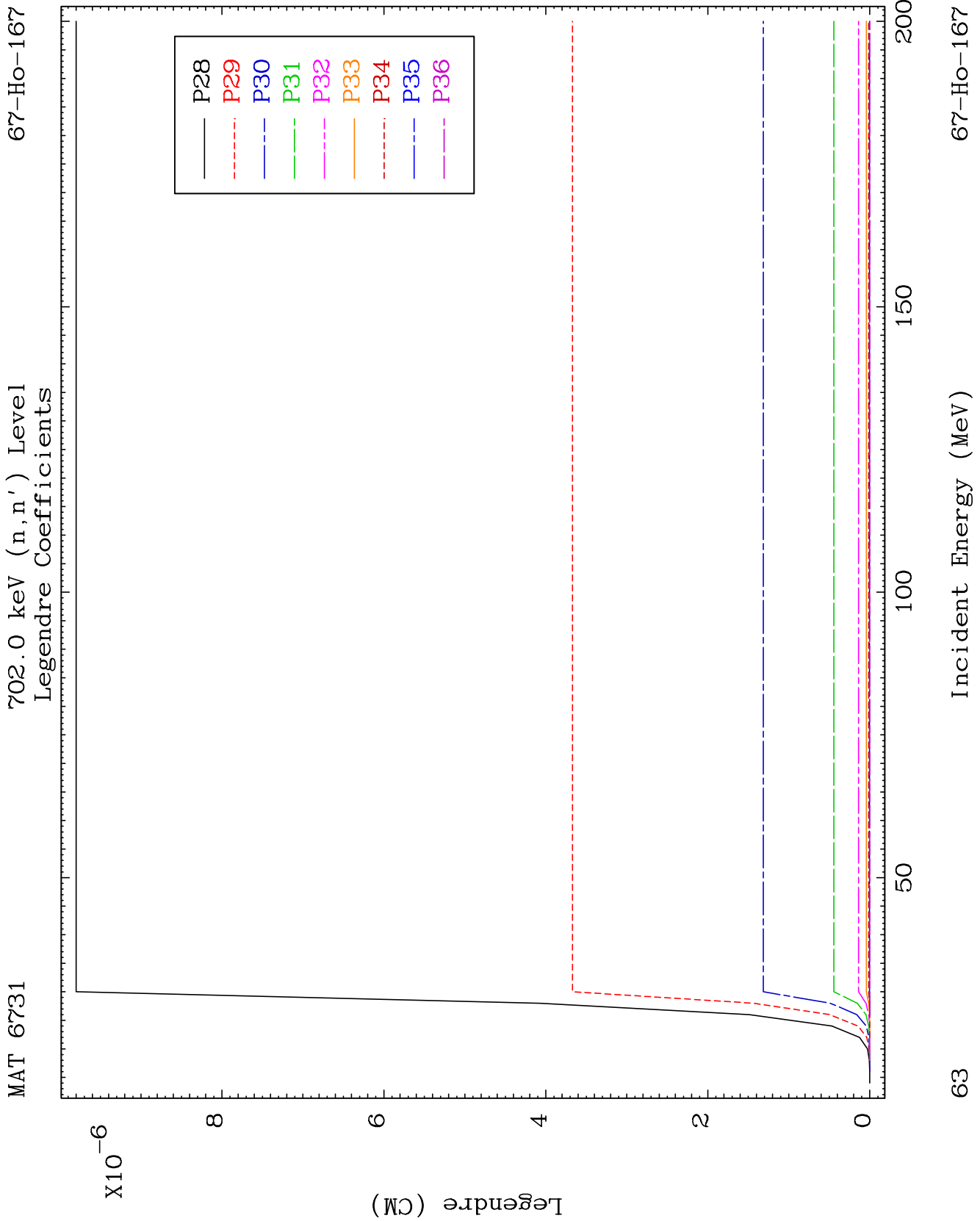
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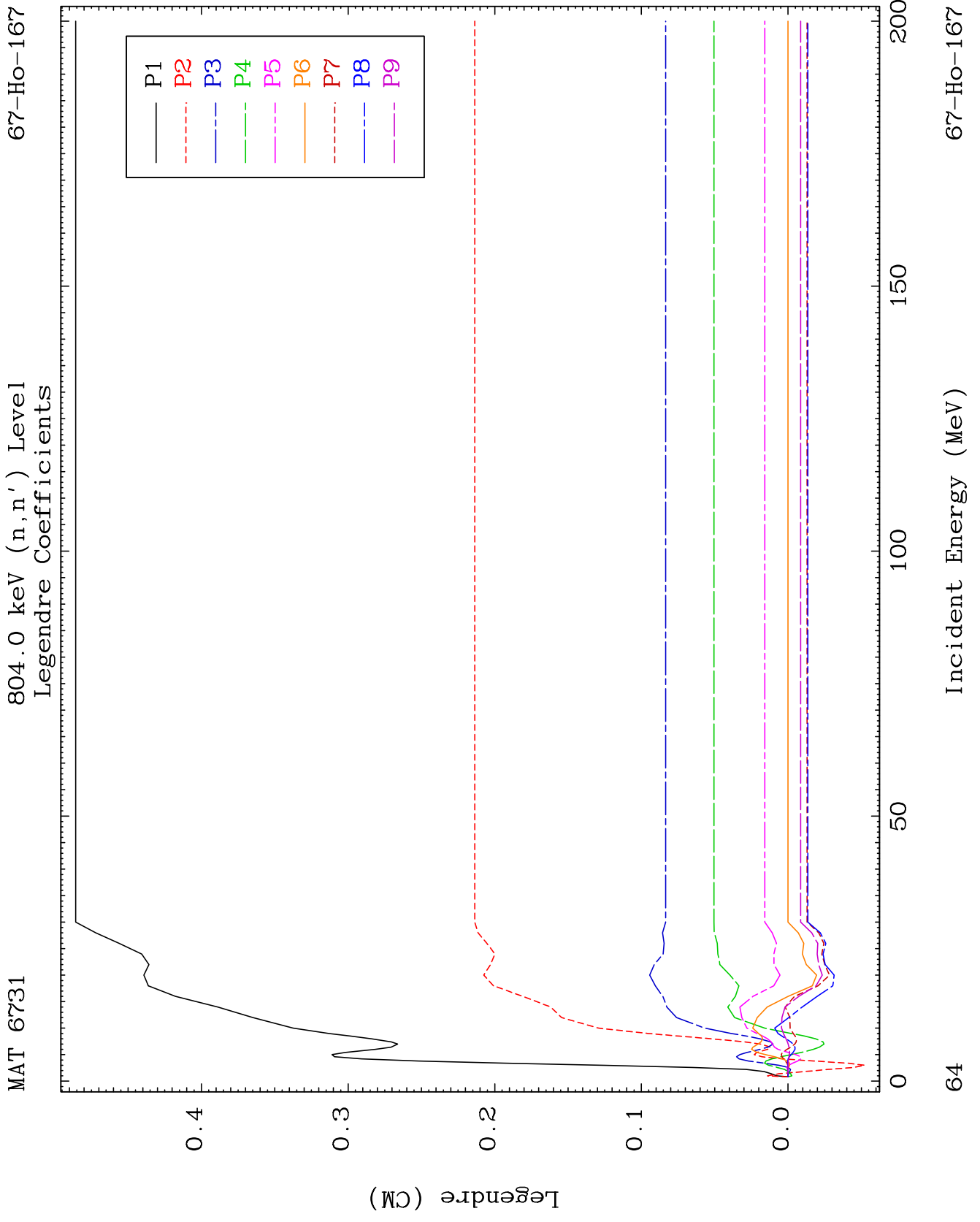
Incident Energy (MeV)

67-Ho-167





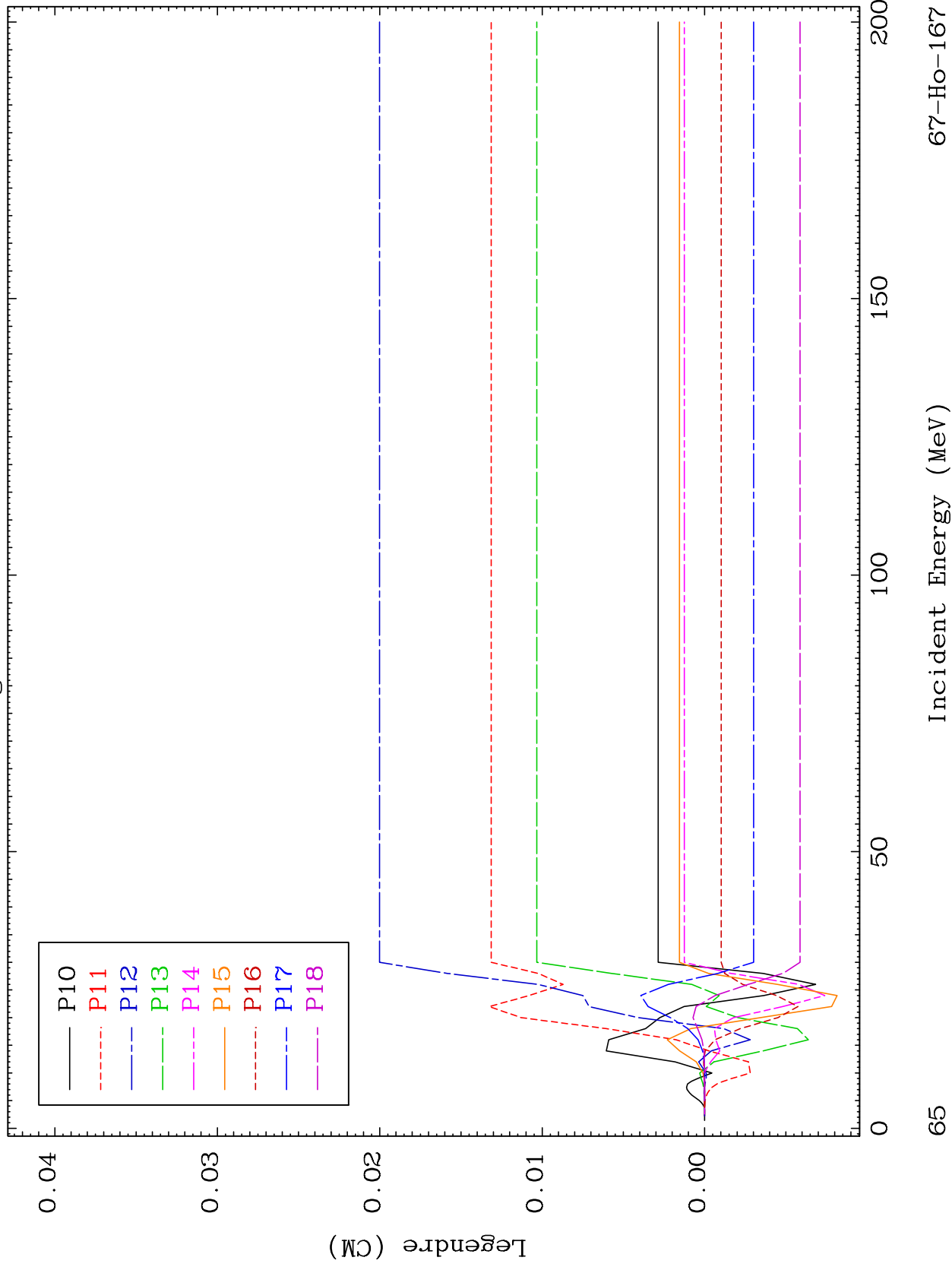




MAT 6731

804.0 keV (n,n') Level
Legendre Coefficients

67-Ho-167



67-Ho-167

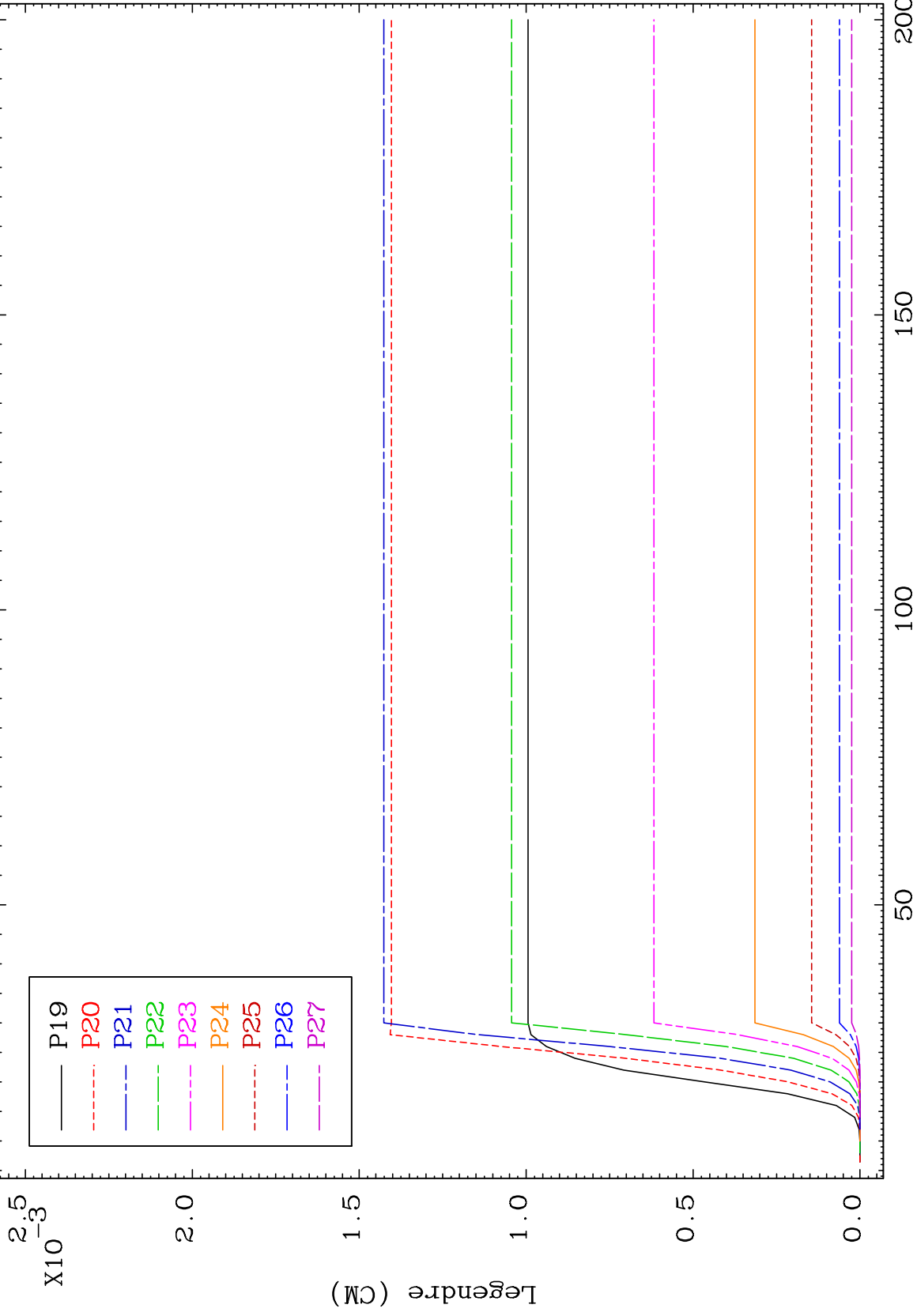
Incident Energy (MeV)

65

MAT 6731

804.0 keV (n,n') Level
Legendre Coefficients

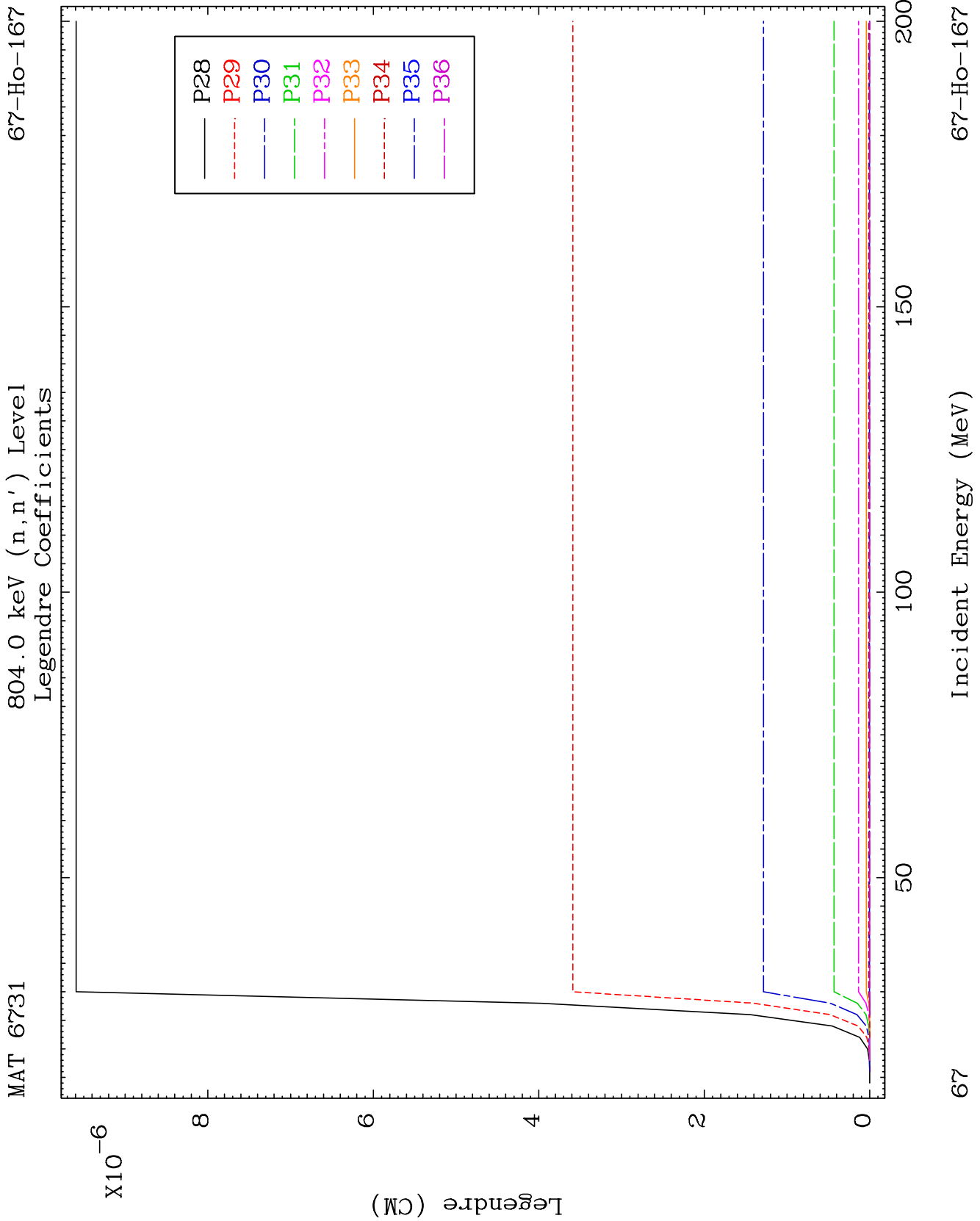
67-Ho-167



66

Incident Energy (MeV)

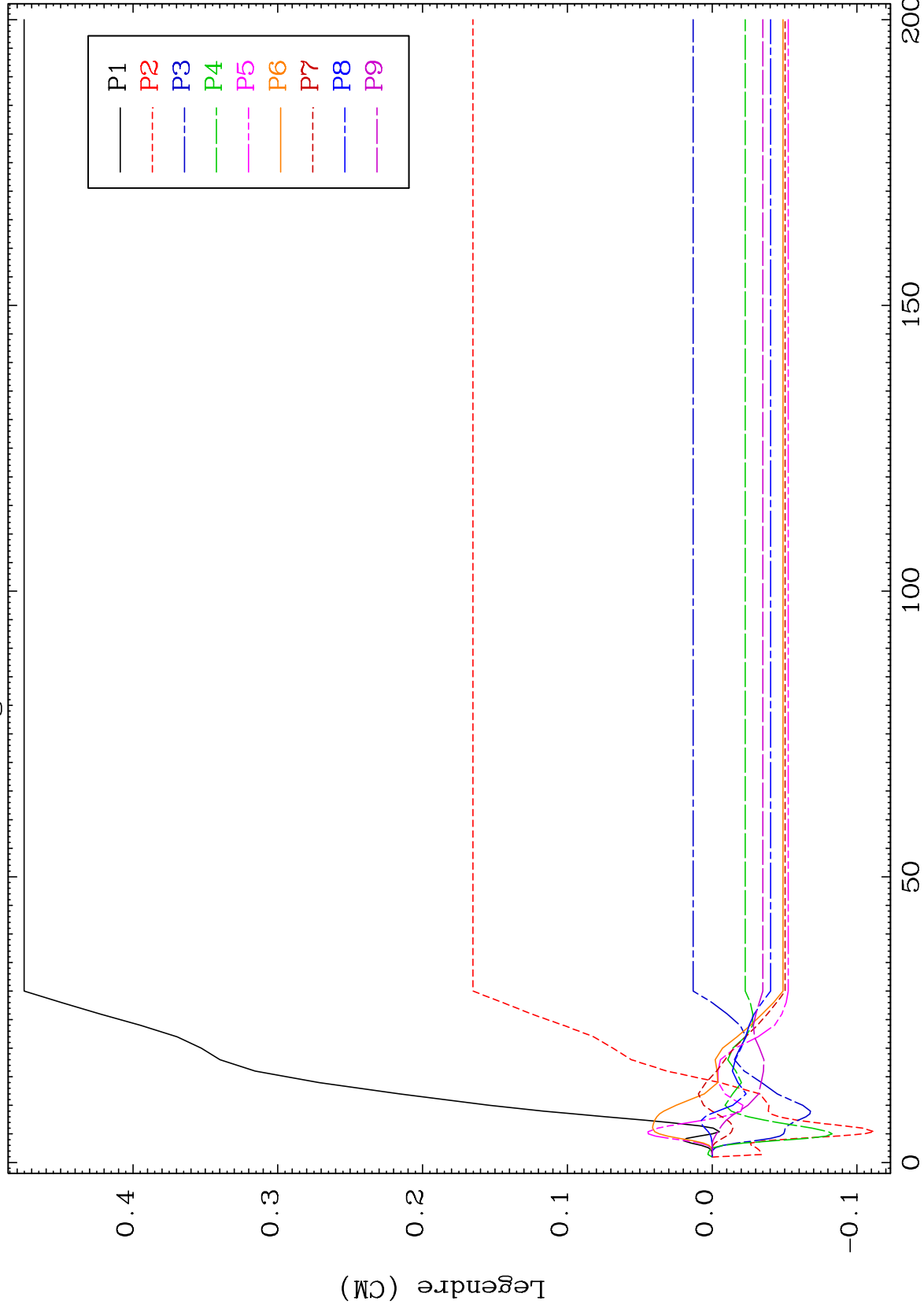
67-Ho-167



MAT 6731

922.0 keV (n,n') Level
Legendre Coefficients

67-Ho-167



68

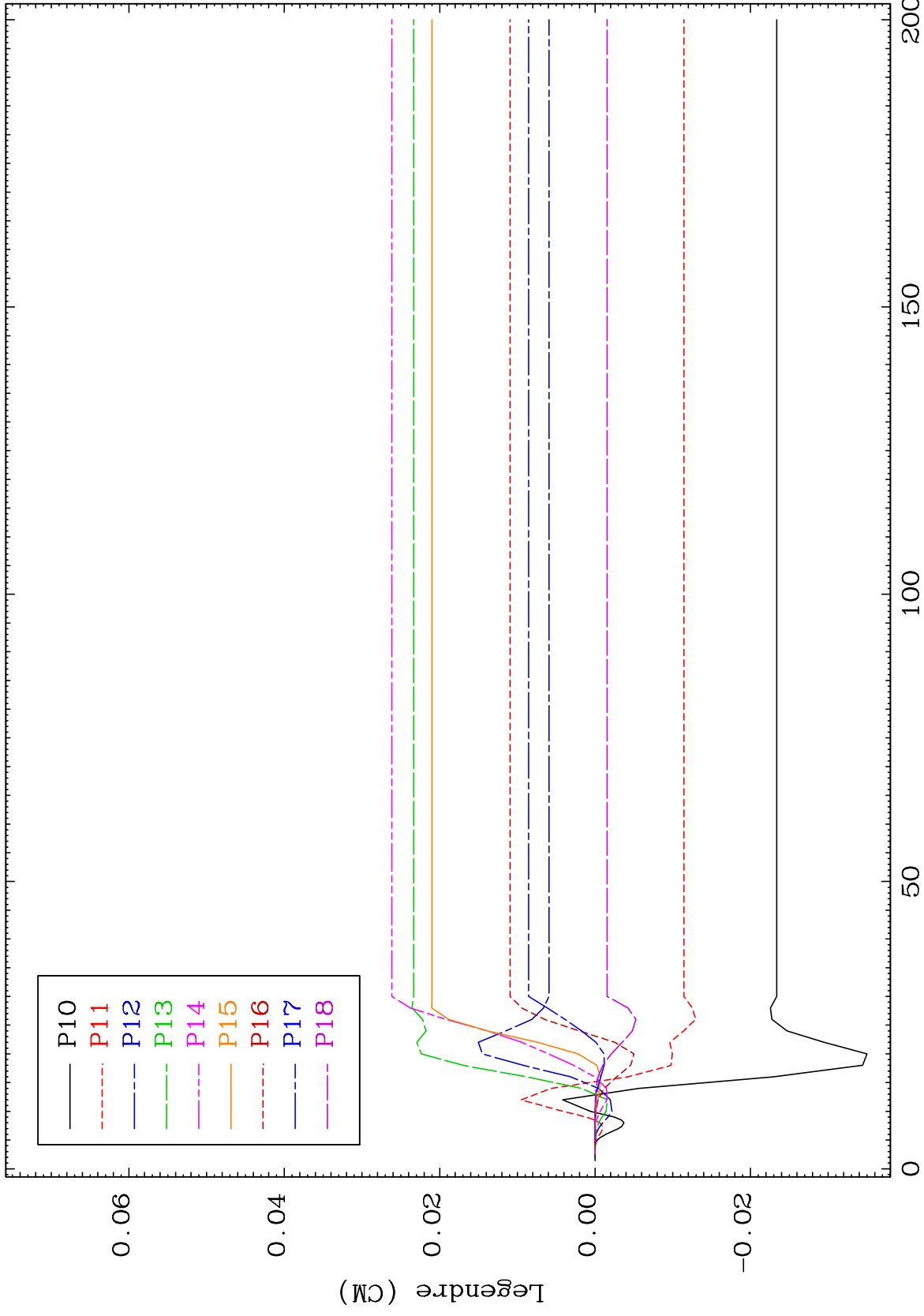
Incident Energy (MeV)

67-Ho-167

MAT 6731

922.0 keV (n,n') Level
Legendre Coefficients

67-Ho-167



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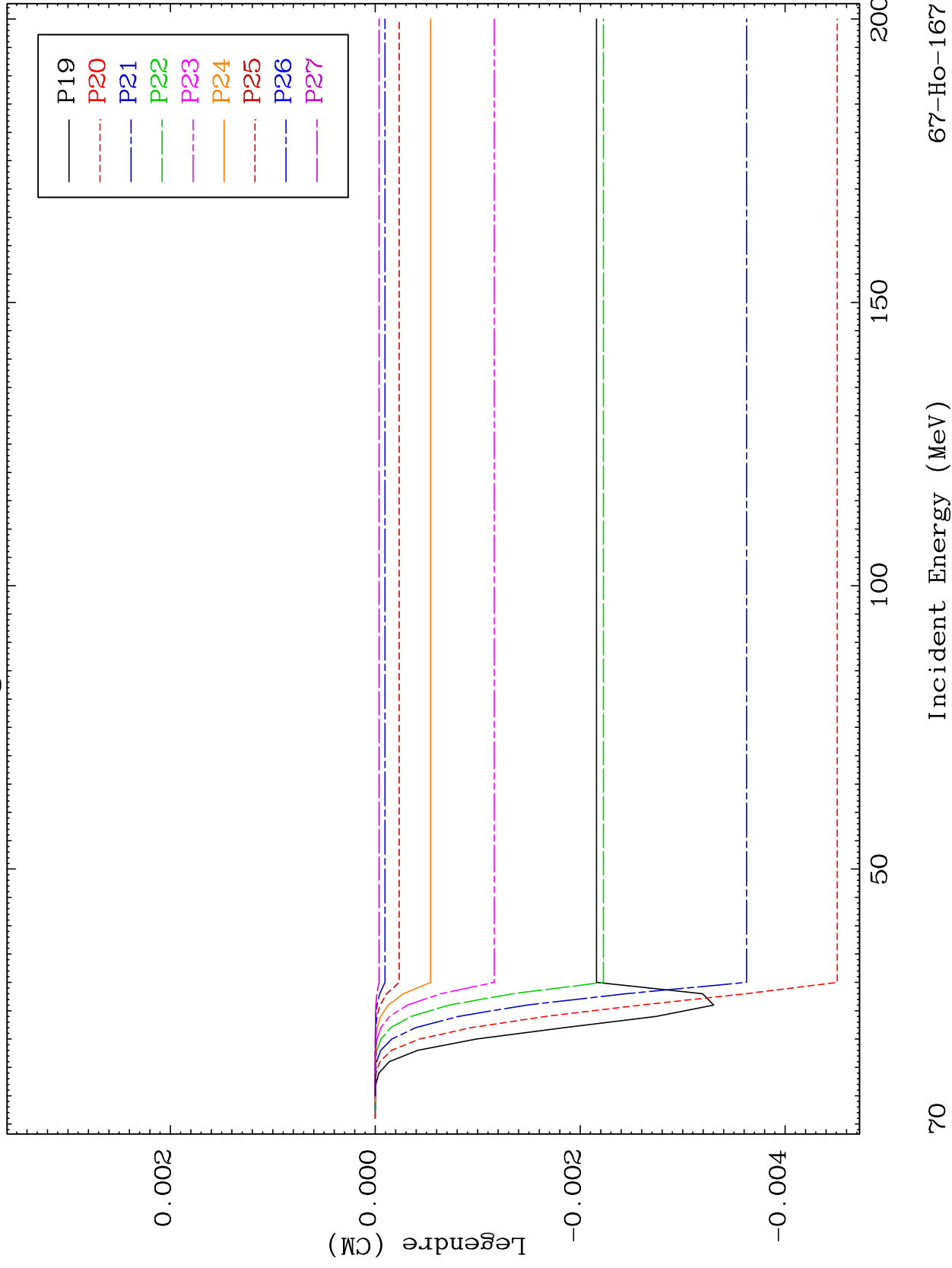
Incident Energy (MeV)

67-Ho-167

MAT 6731

922.0 keV (n,n') Level
Legendre Coefficients

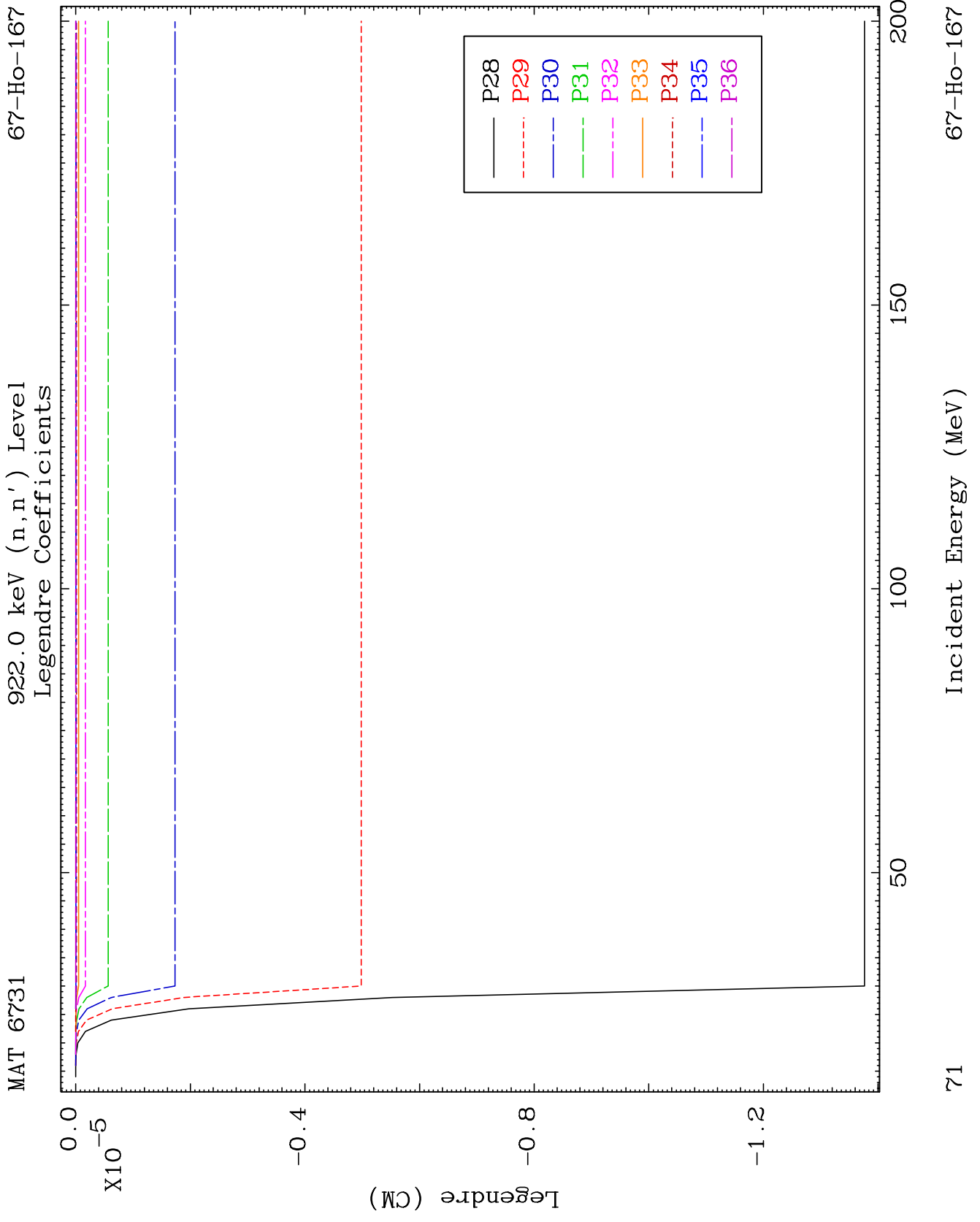
67-Ho-167



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Incident Energy (MeV)

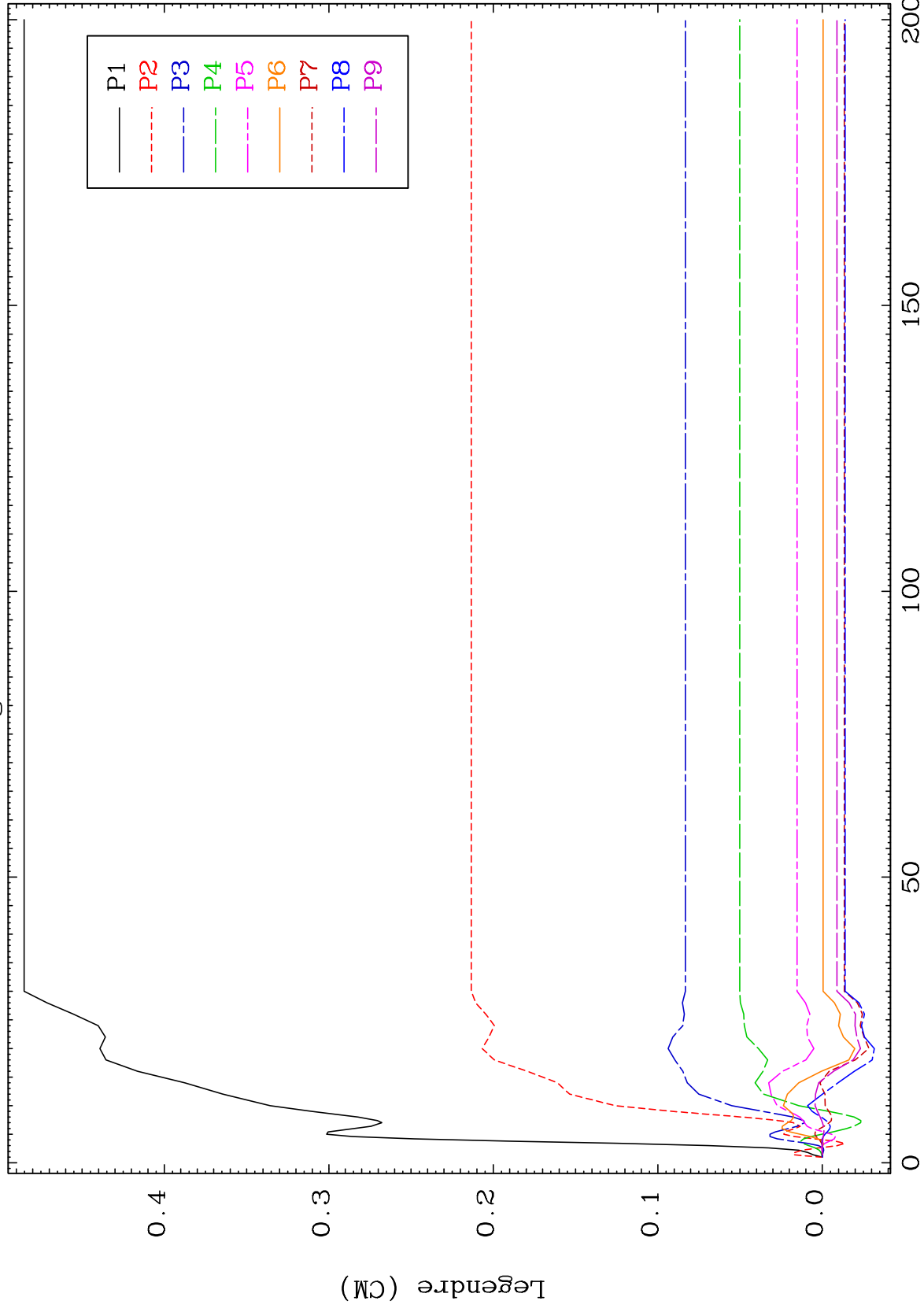
67-Ho-167



MAT 6731

974.0 keV (n,n') Level
Legendre Coefficients

67-Ho-167



72

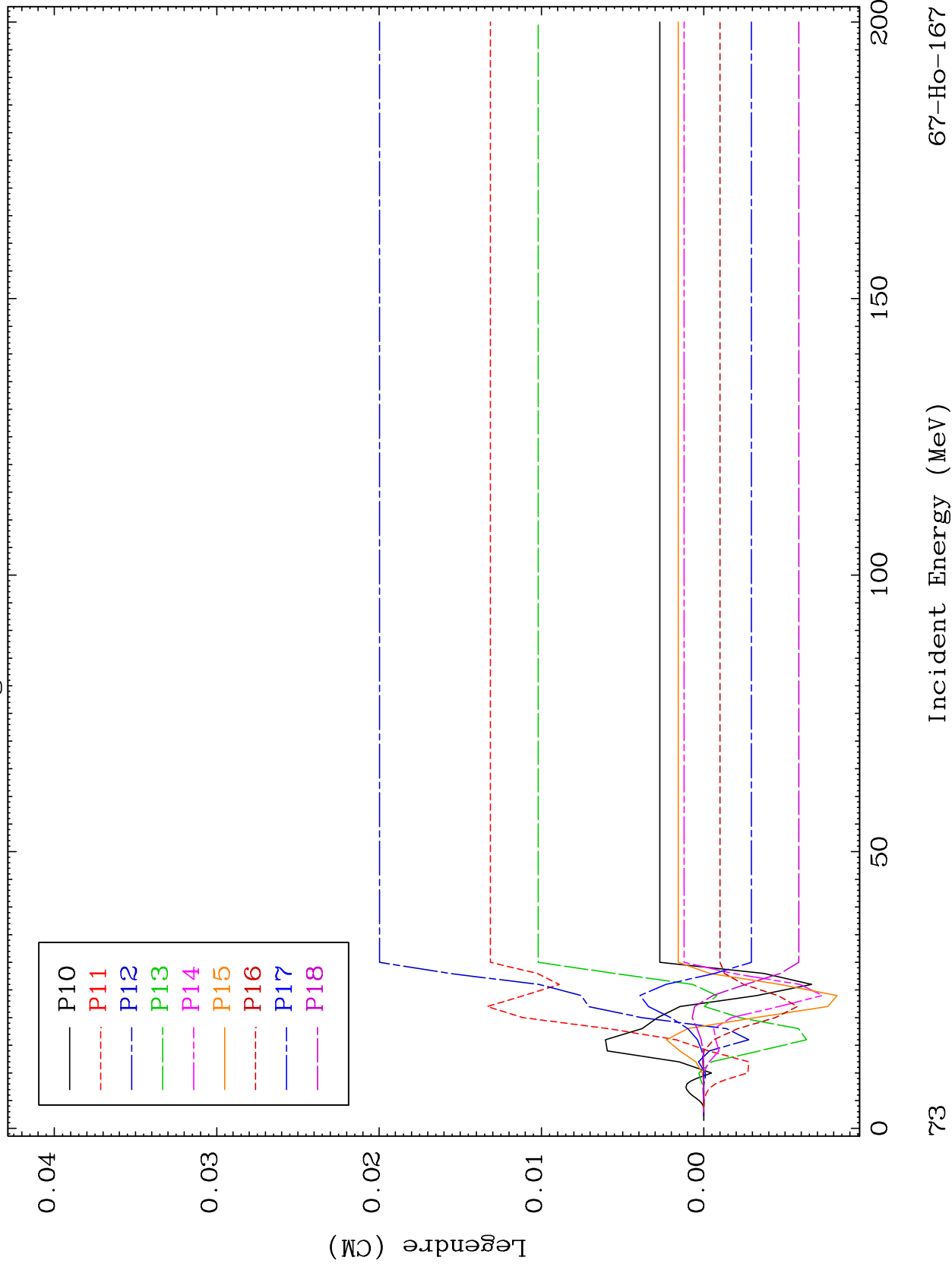
Incident Energy (MeV)

67-Ho-167

MAT 6731

974.0 keV (n,n') Level
Legendre Coefficients

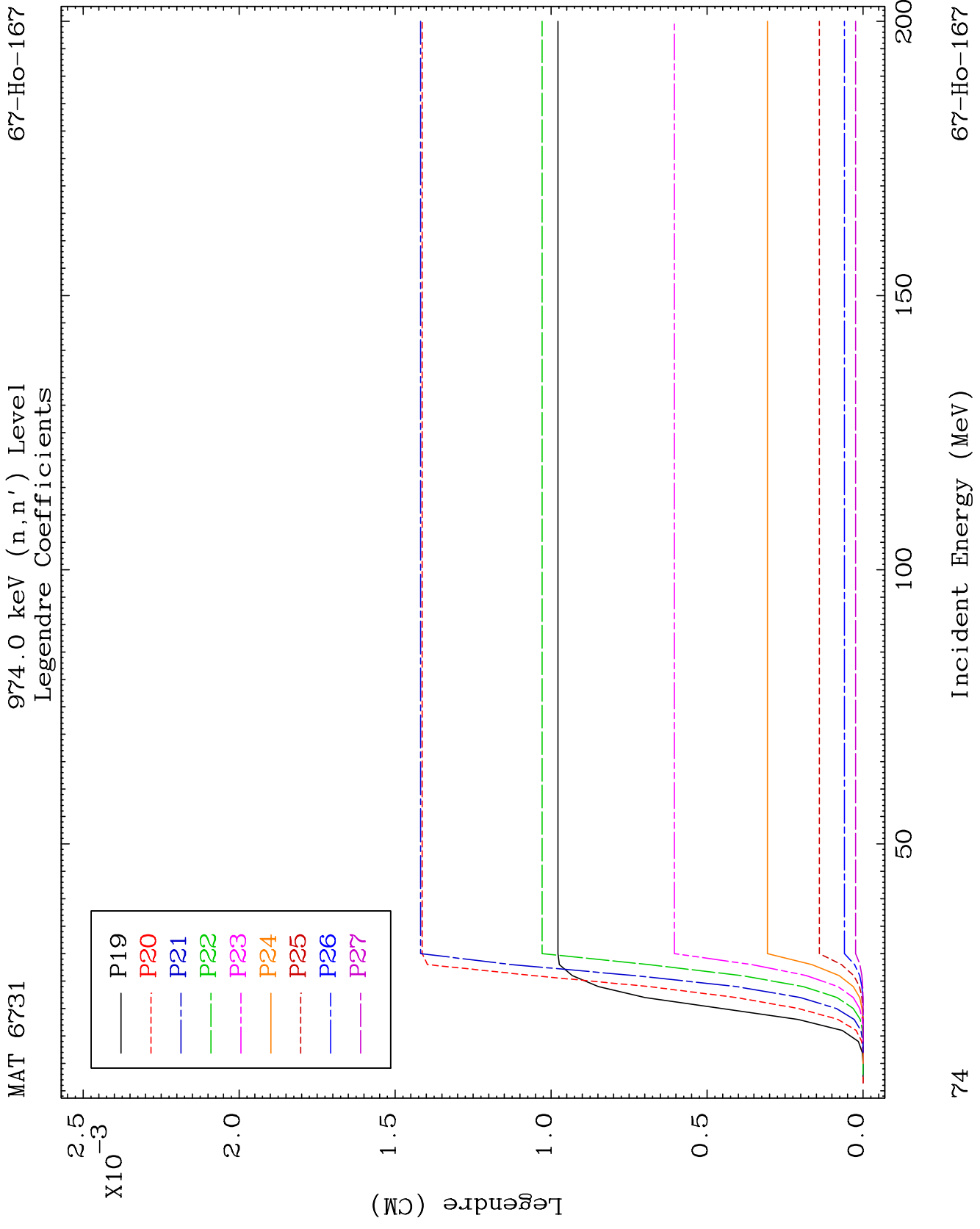
67-Ho-167

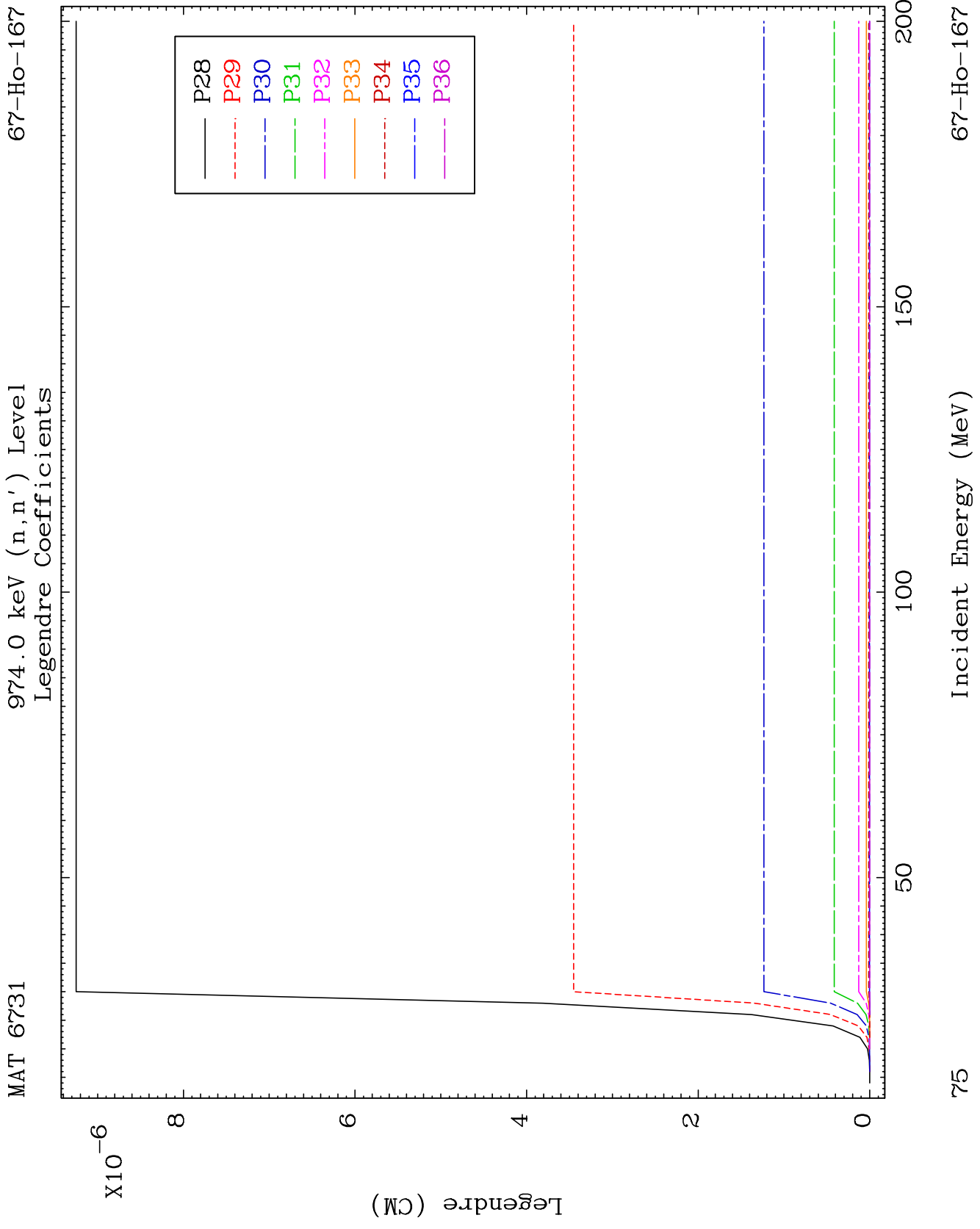


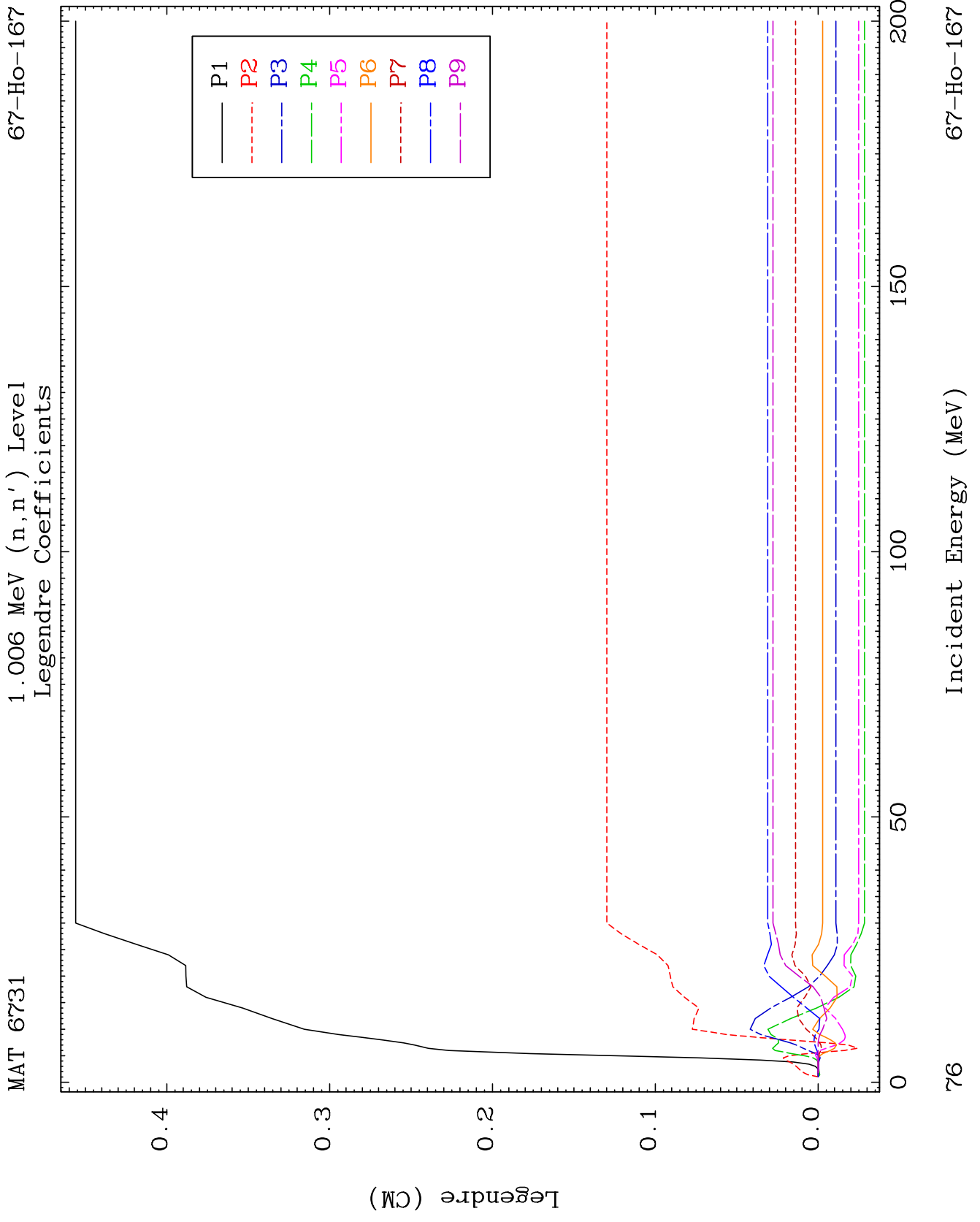
73

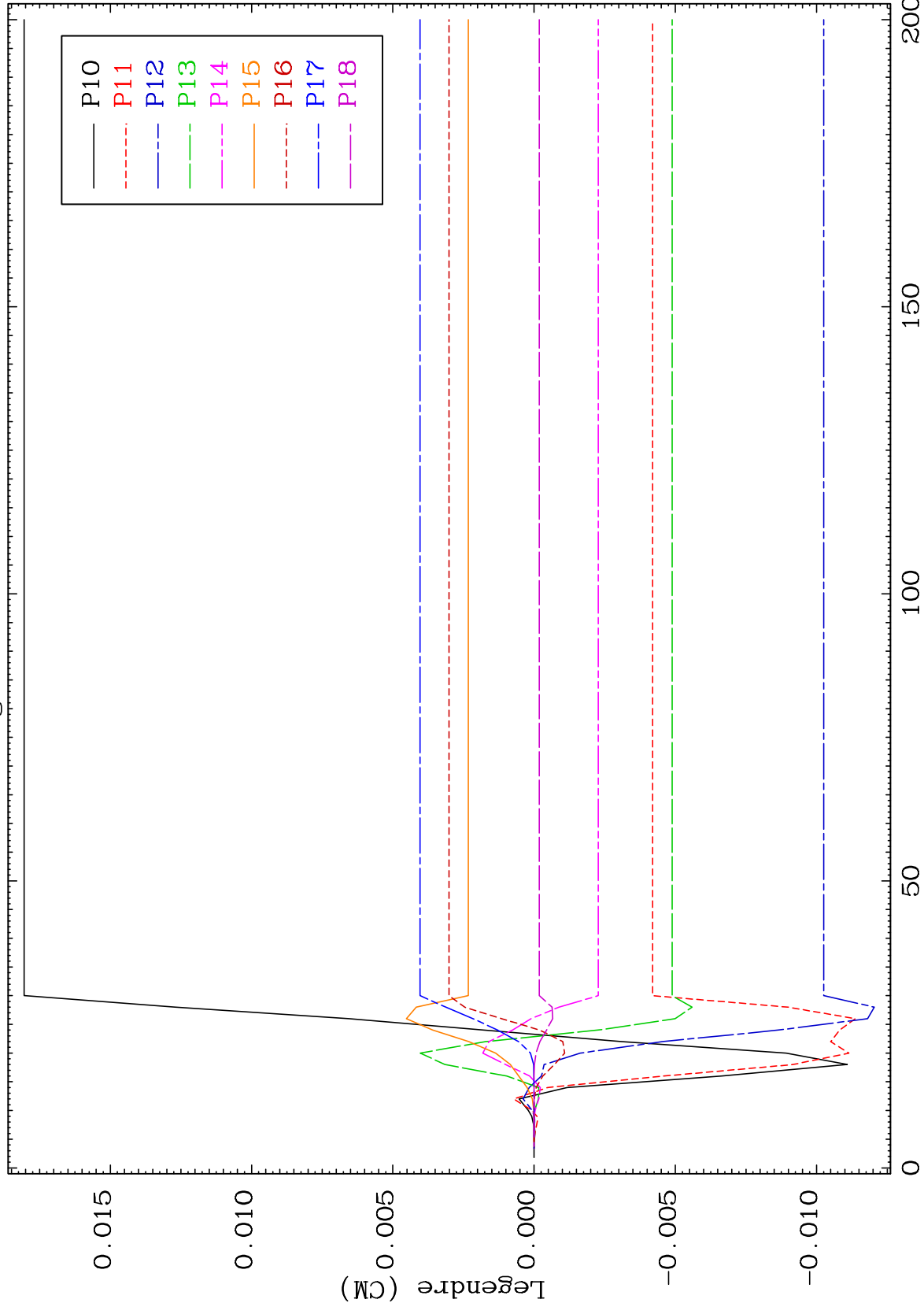
Incident Energy (MeV)

67-Ho-167





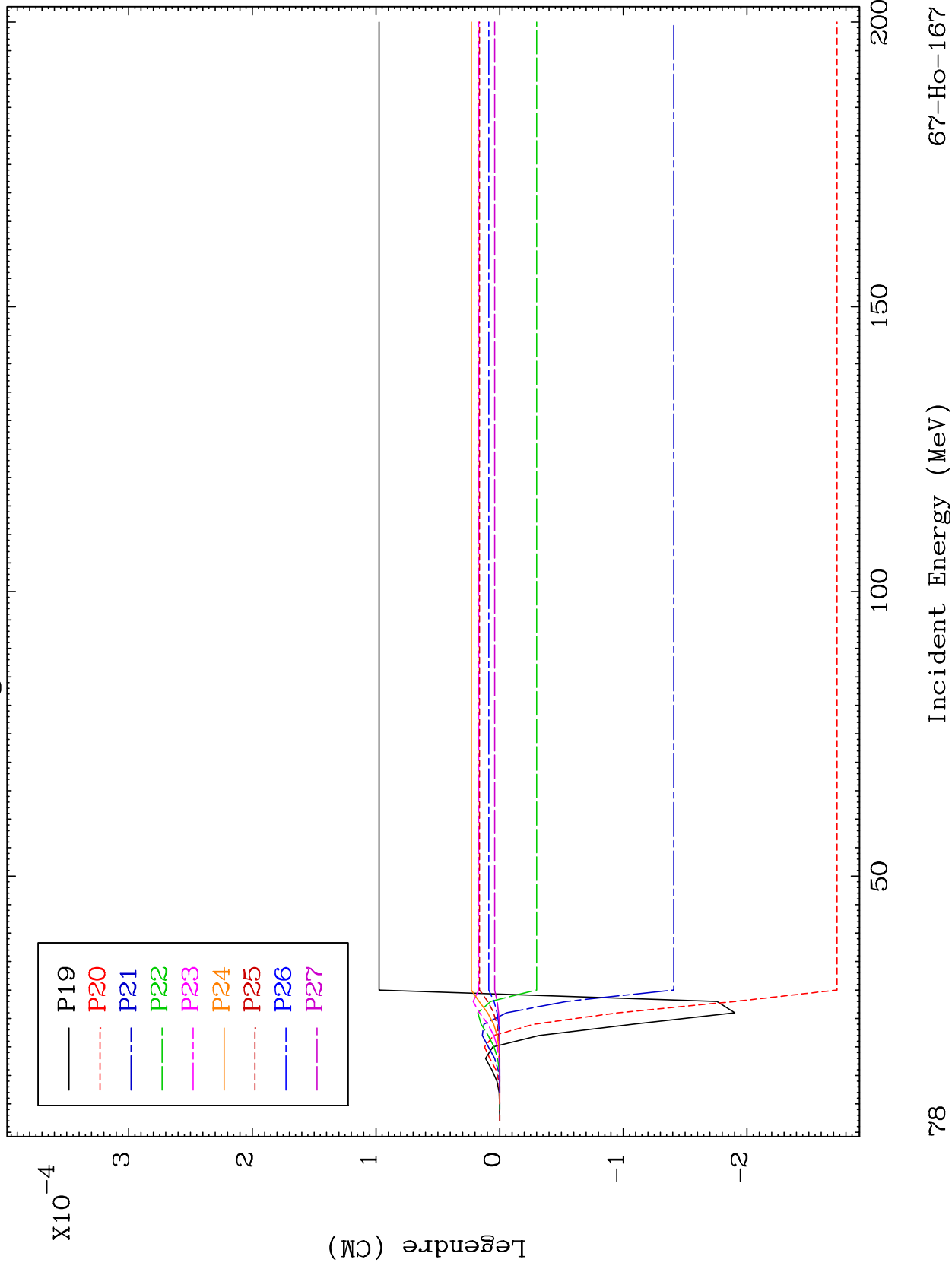




MAT 6731

1.006 MeV (n,n') Level
Legendre Coefficients

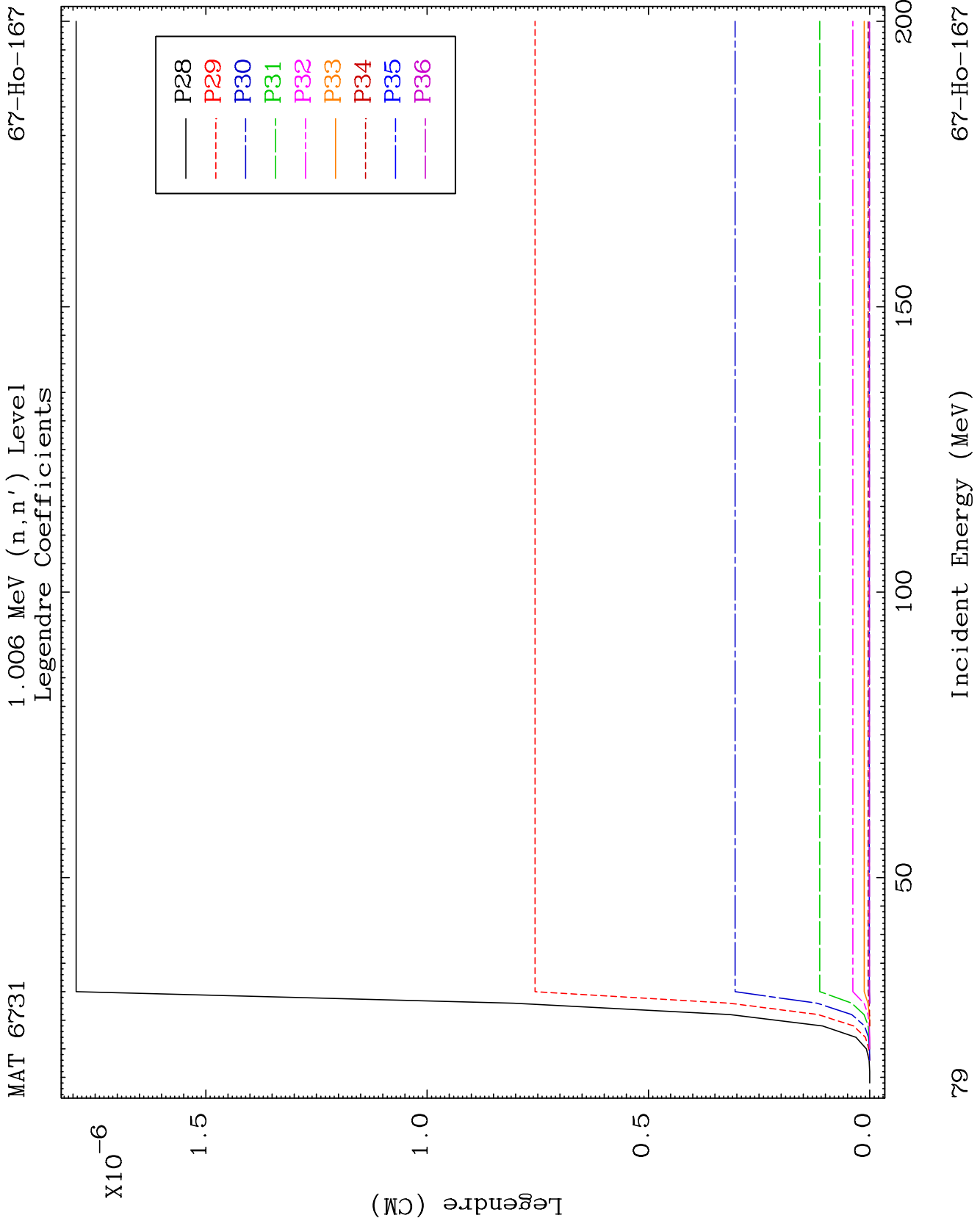
67-Ho-167



78

Incident Energy (MeV)

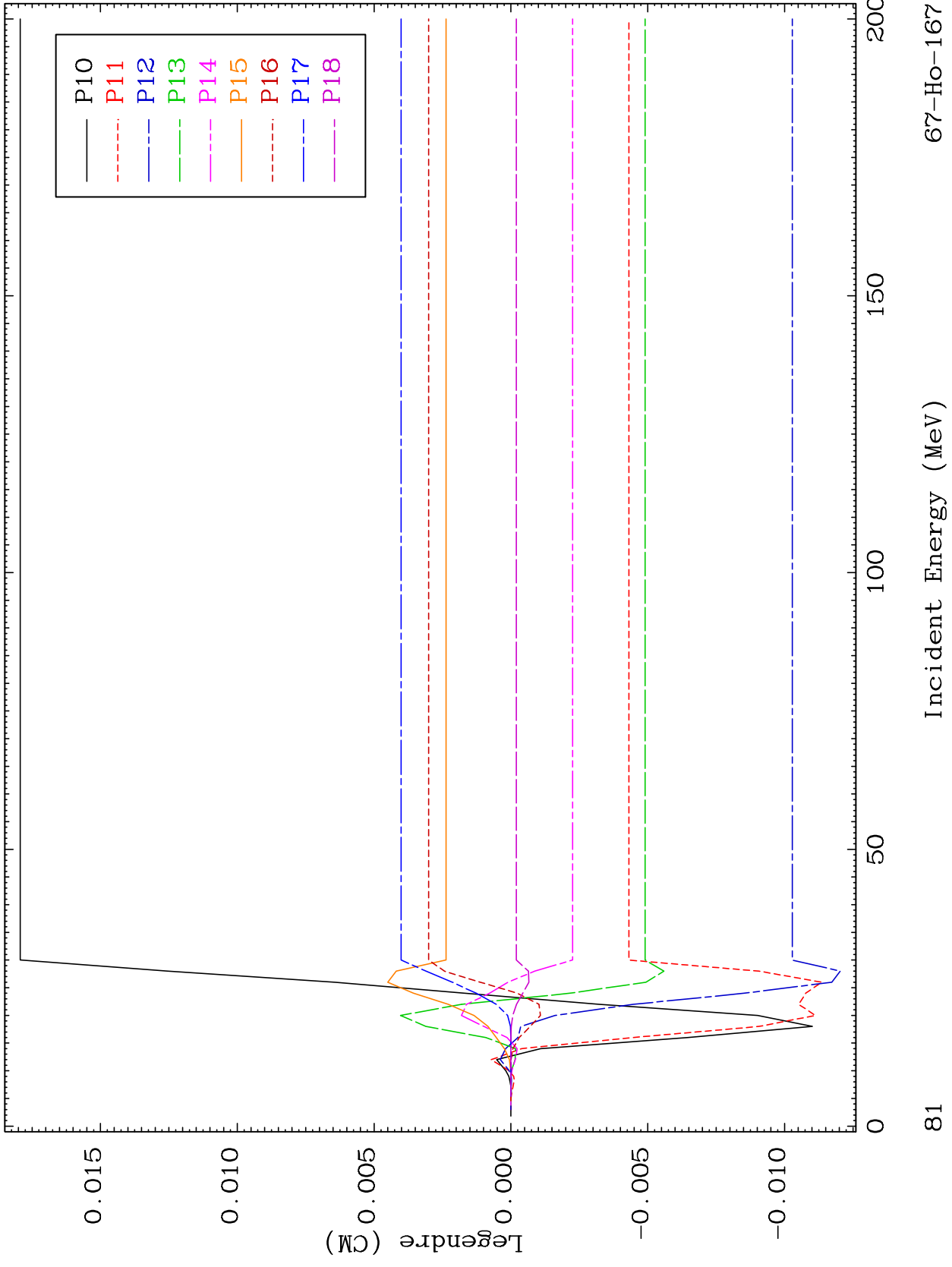
67-Ho-167



MAT 6731

1.092 MeV (n,n') Level
Legendre Coefficients

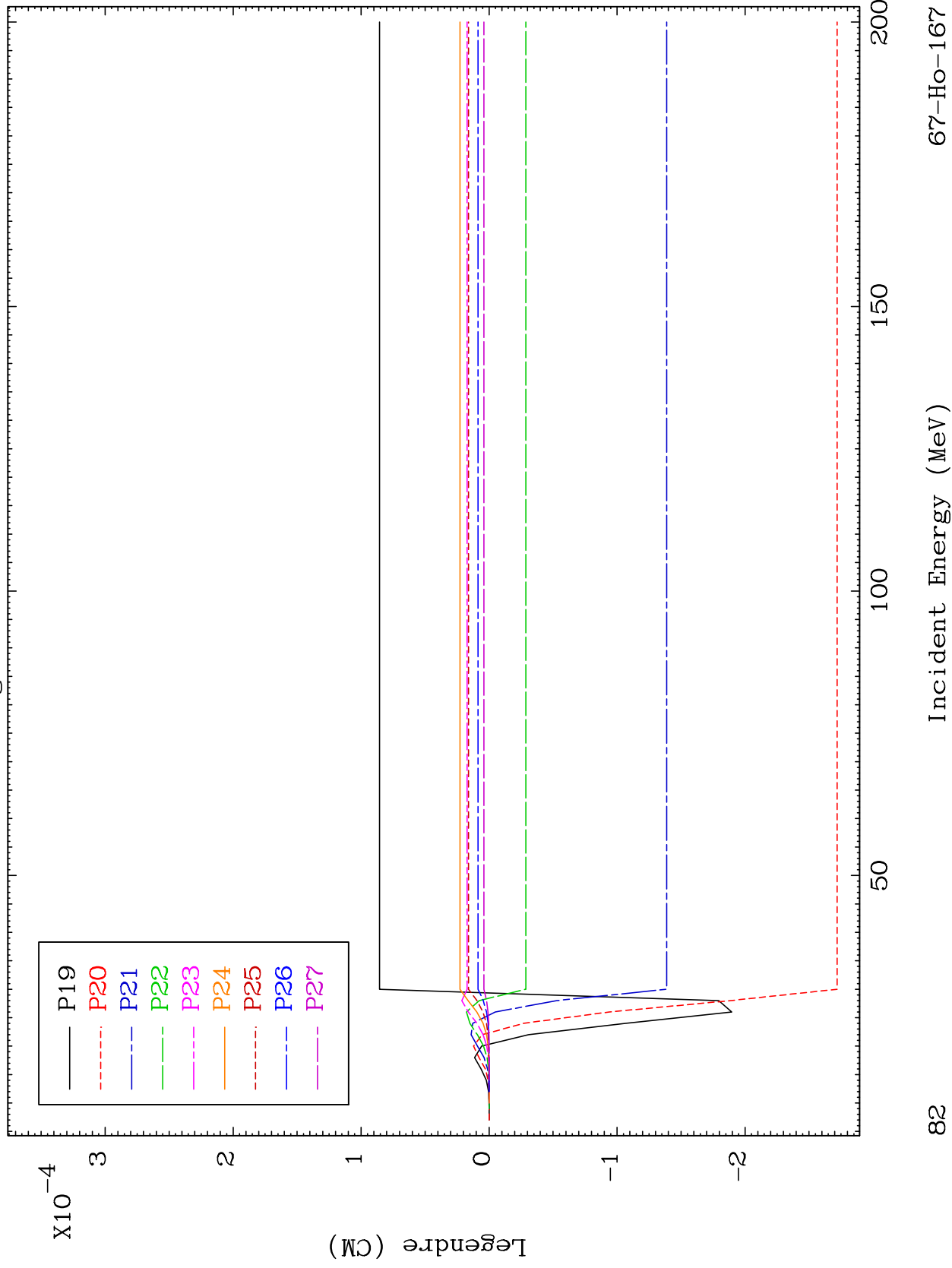
67-Ho-167

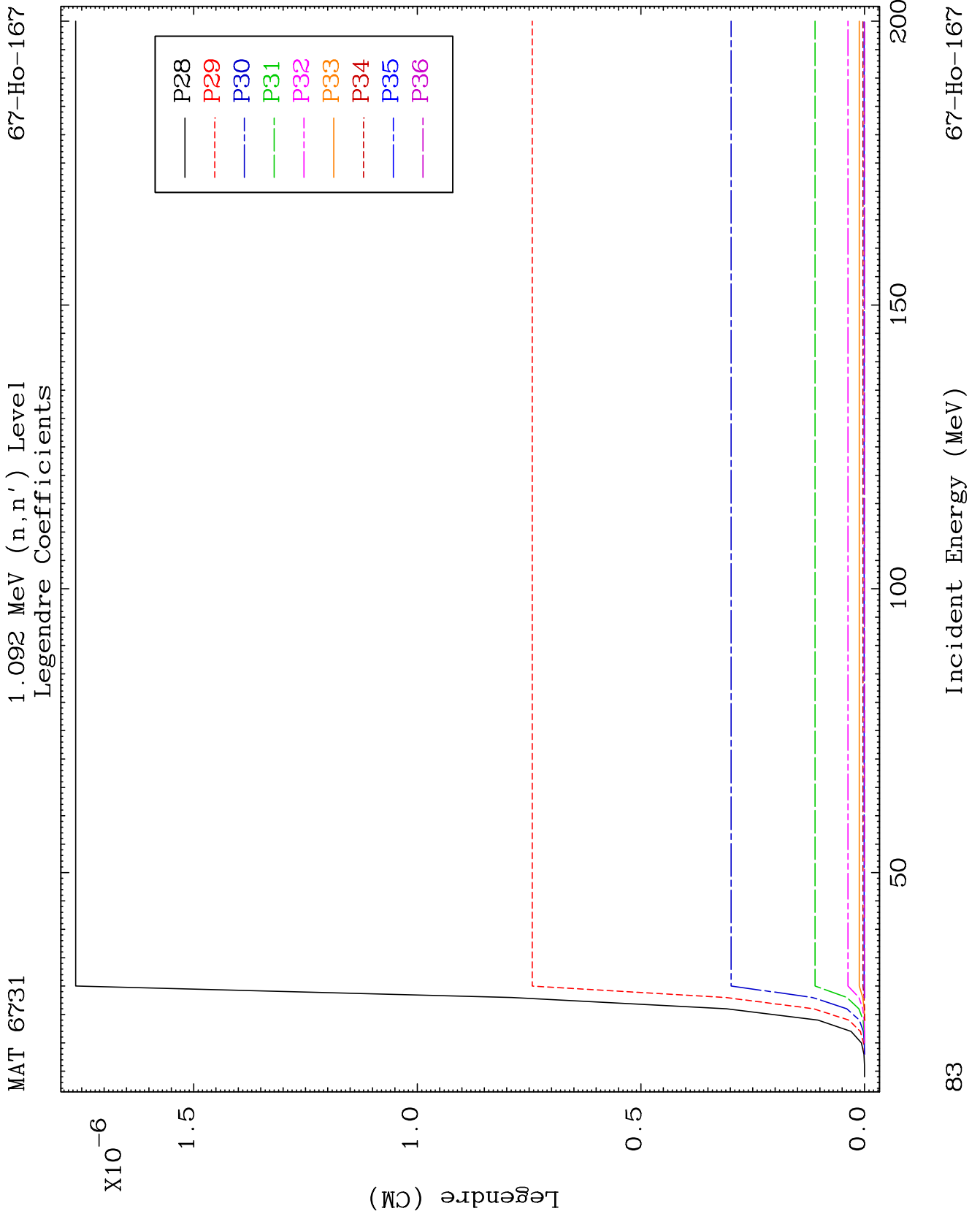


81

Incident Energy (MeV)

67-Ho-167

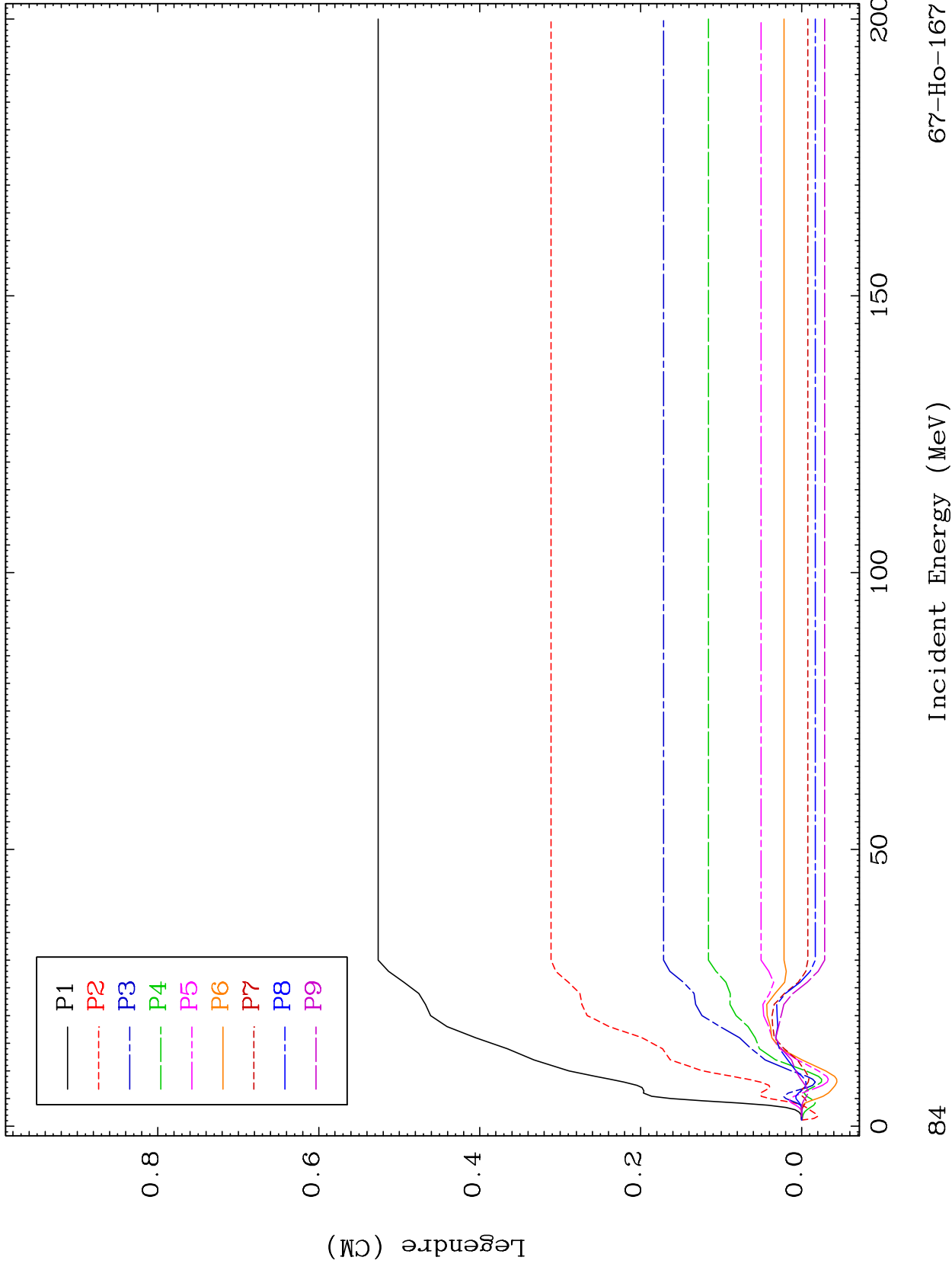




MAT 6731

1.099 MeV (n,n') Level
Legendre Coefficients

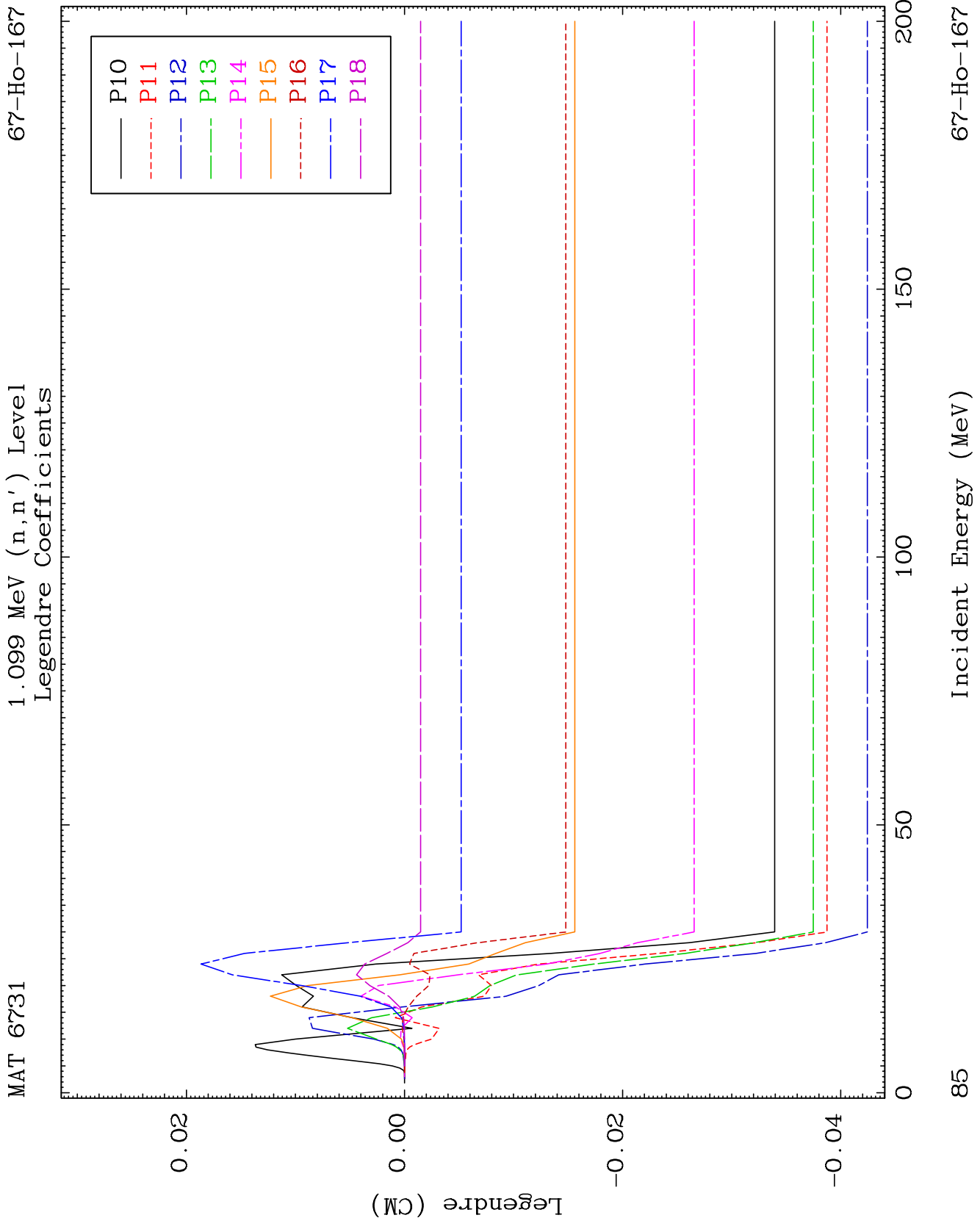
67-Ho-167

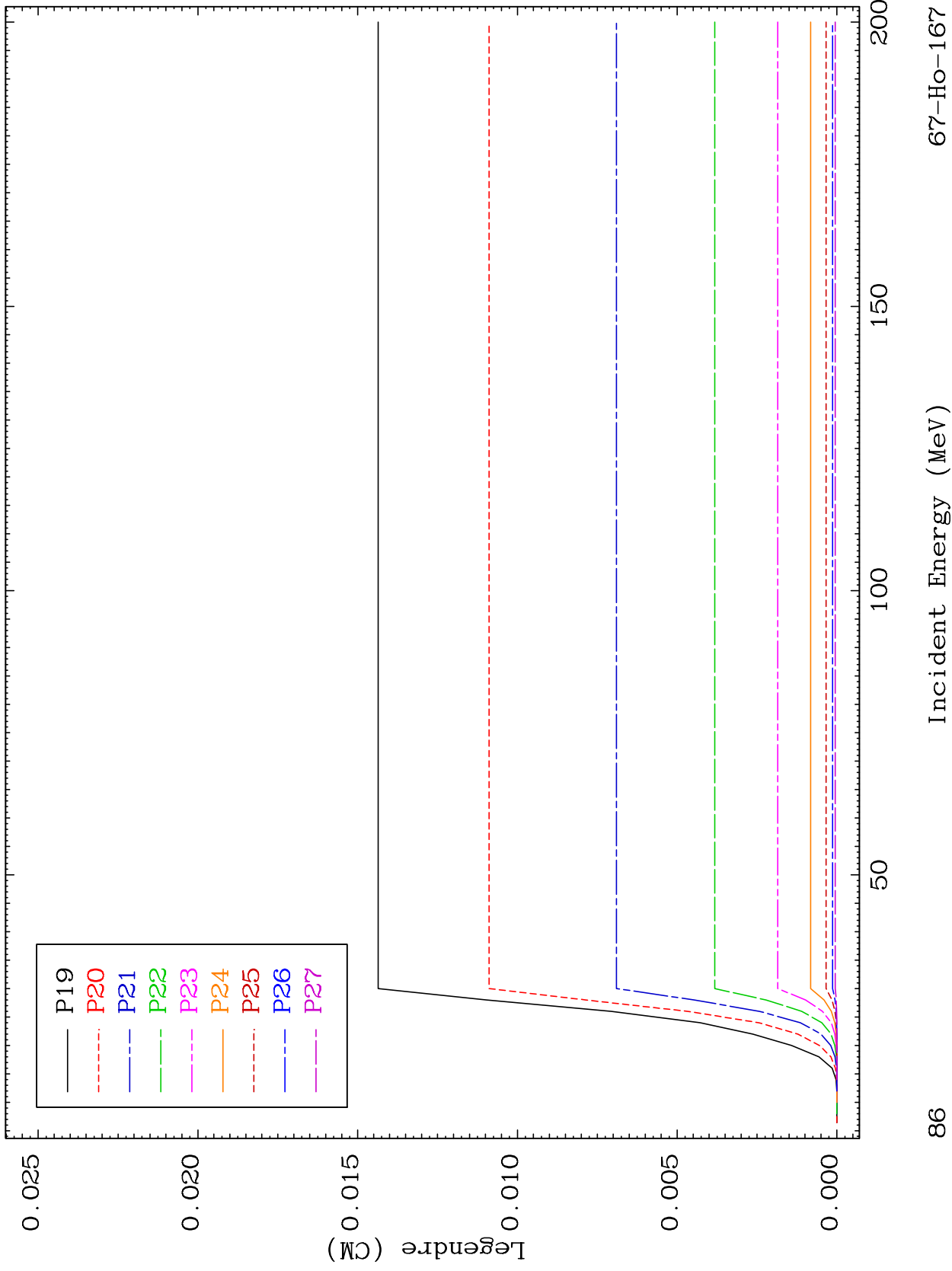


67-Ho-167

Incident Energy (MeV)

84

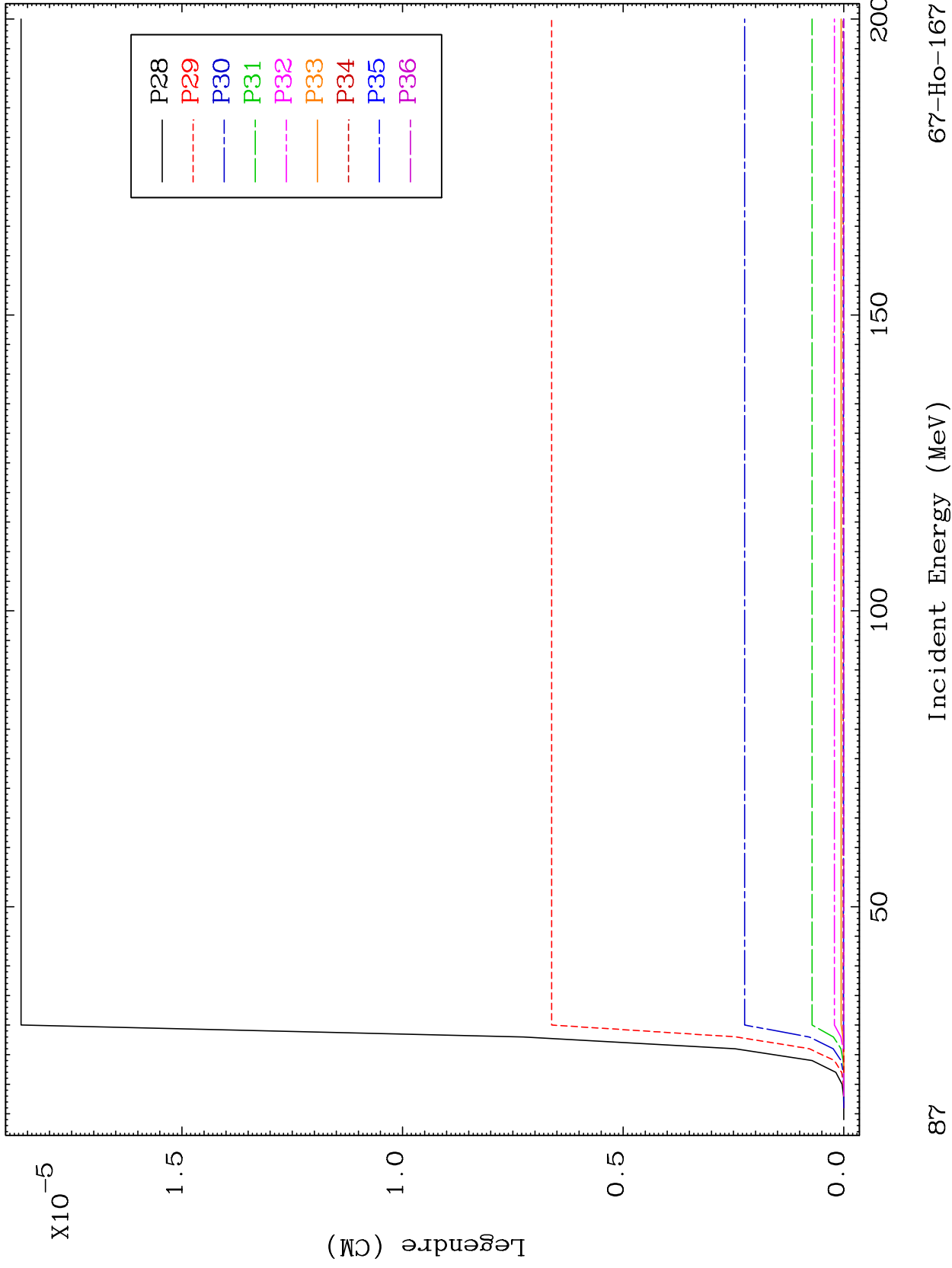




MAT 6731

1.099 MeV (n,n') Level
Legendre Coefficients

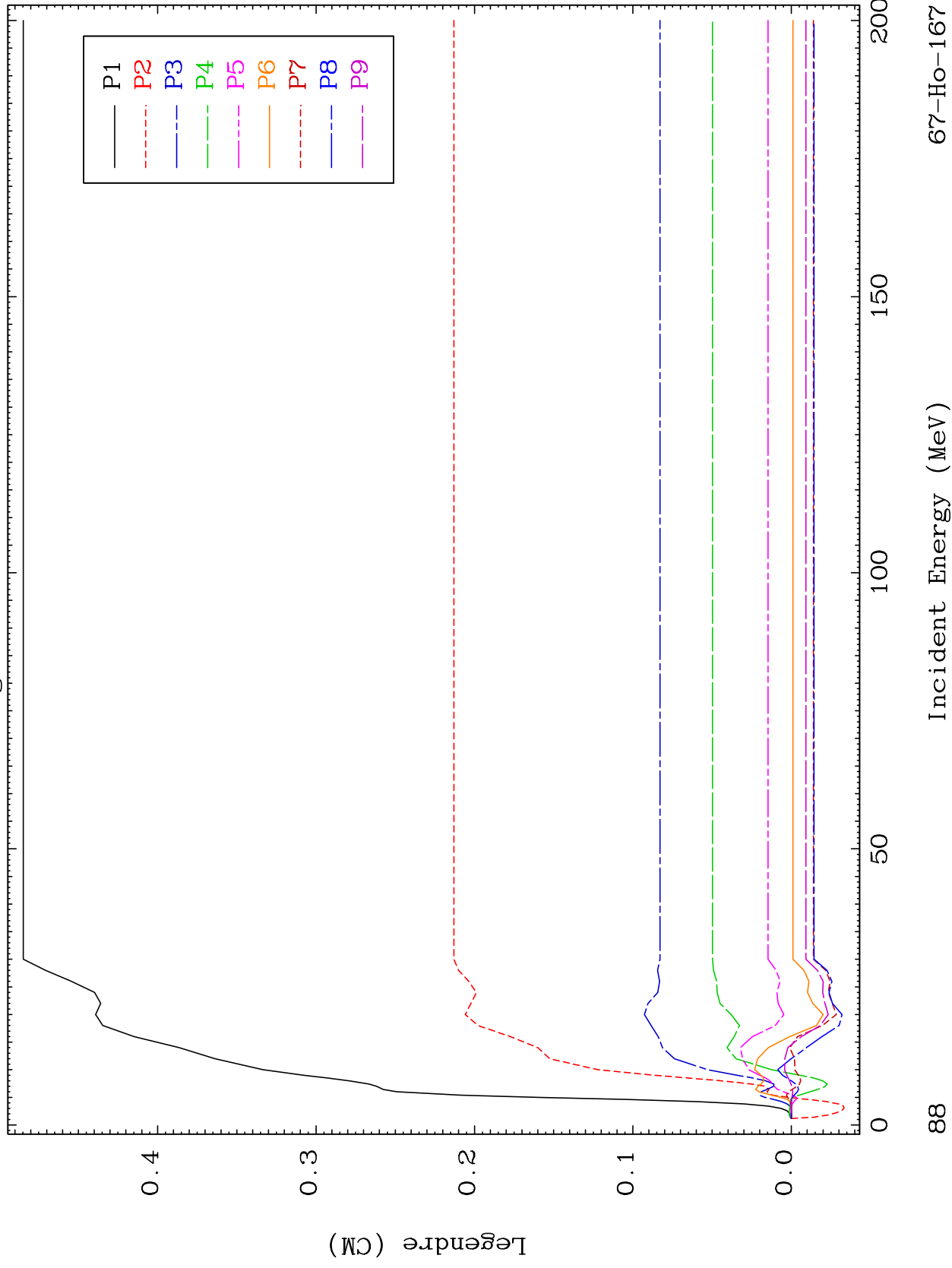
67-Ho-167



MAT 6731

1.149 MeV (n,n') Level
Legendre Coefficients

67-Ho-167



88

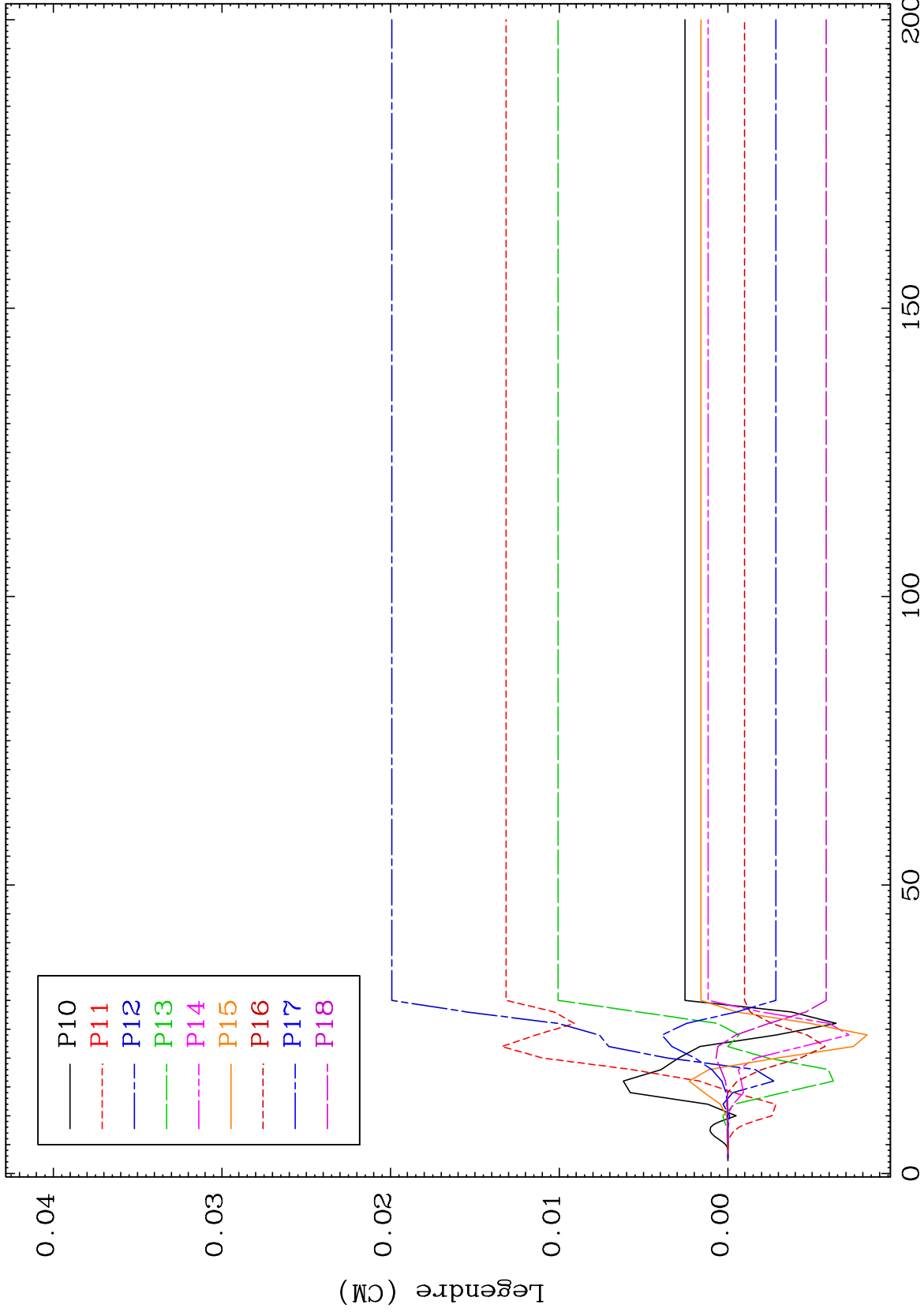
Incident Energy (MeV)

67-Ho-167

MAT 6731

1.149 MeV (n,n') Level
Legendre Coefficients

67-Ho-167



89

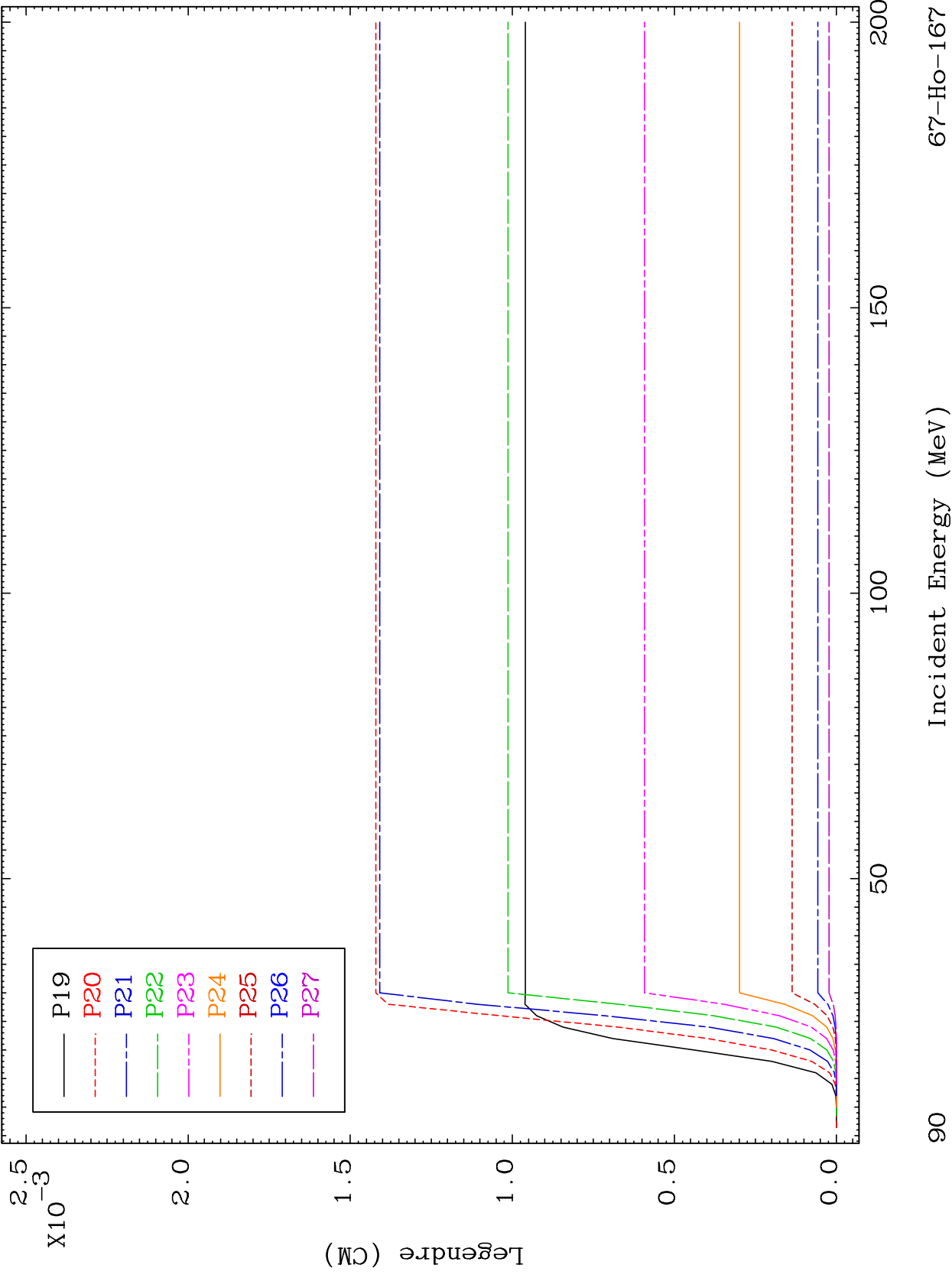
Incident Energy (MeV)

67-Ho-167

MAT 6731

1.149 MeV (n, n') Level
Legendre Coefficients

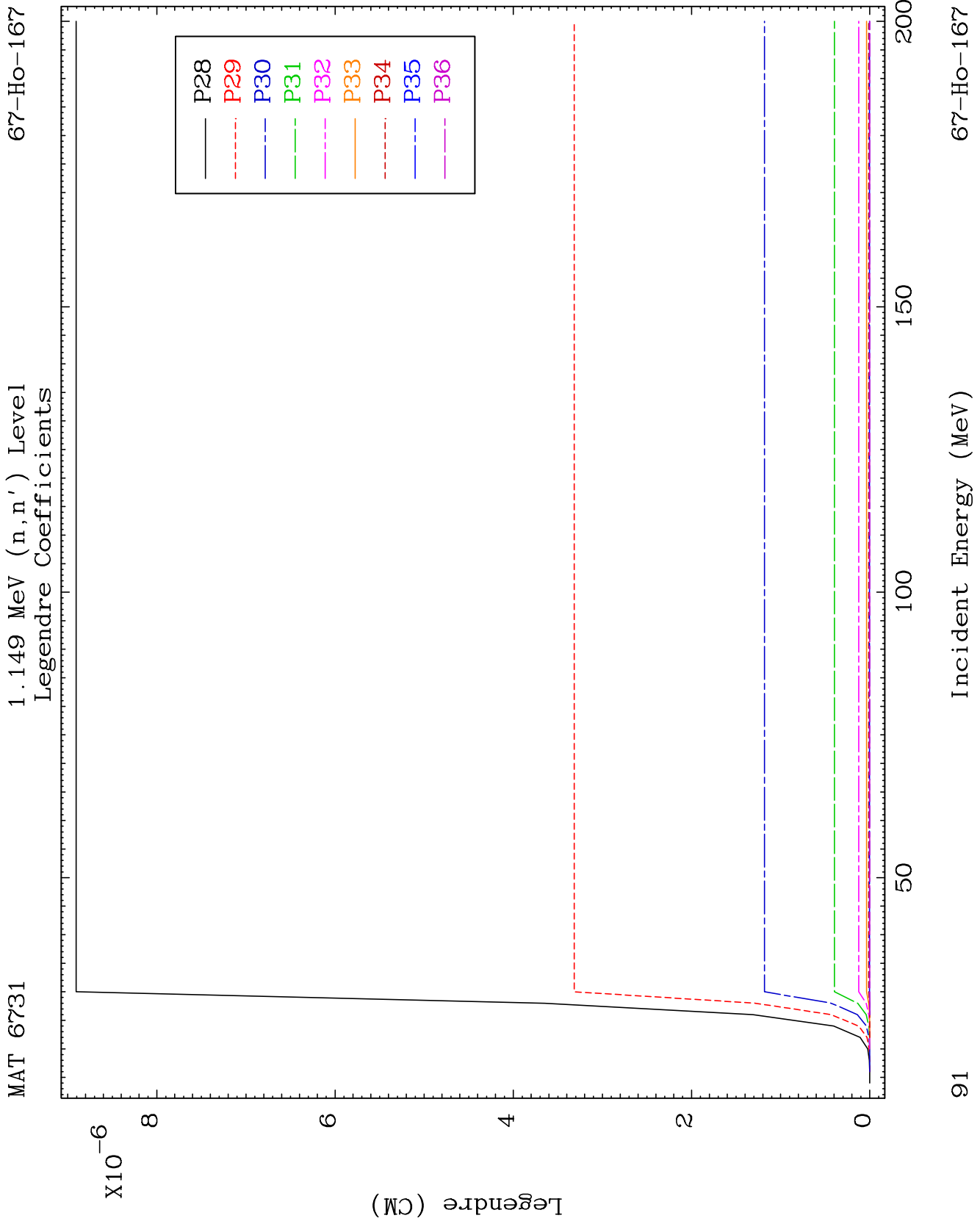
67-Ho-167



90

Incident Energy (MeV)

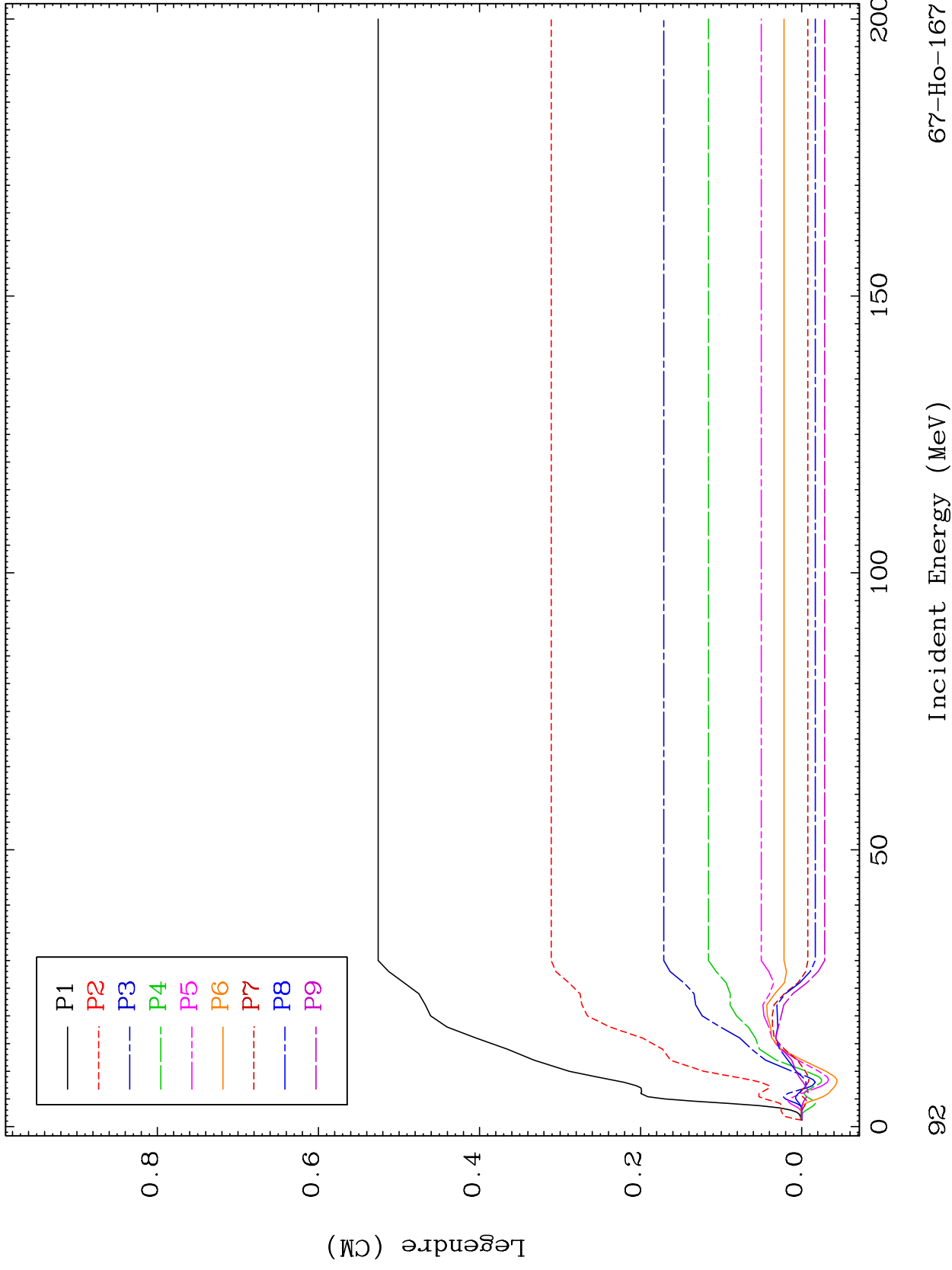
67-Ho-167



MAT 6731

1.165 MeV (n,n') Level
Legendre Coefficients

67-Ho-167



67-Ho-167

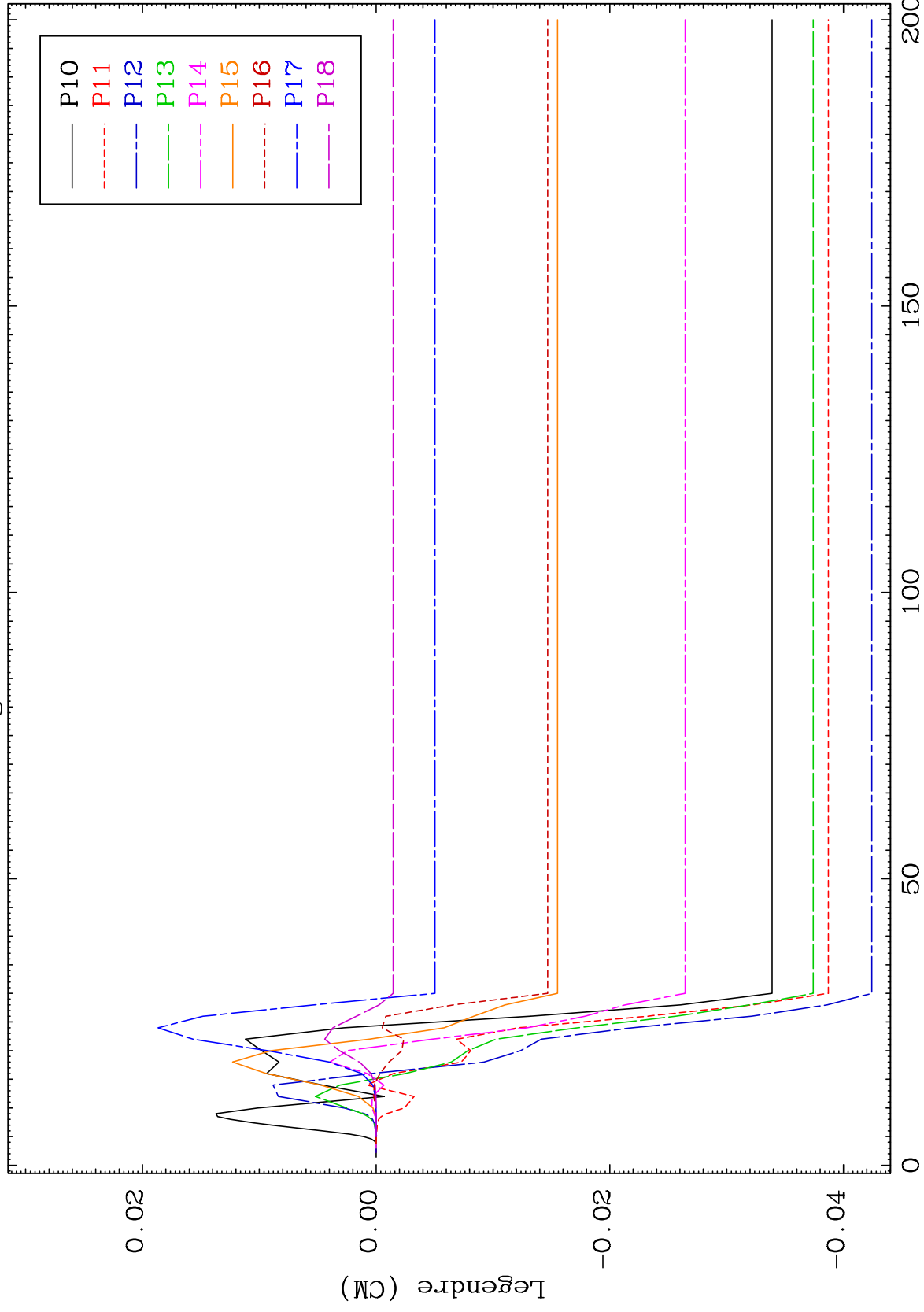
Incident Energy (MeV)

92

MAT 6731

1.165 MeV (n,n') Level
Legendre Coefficients

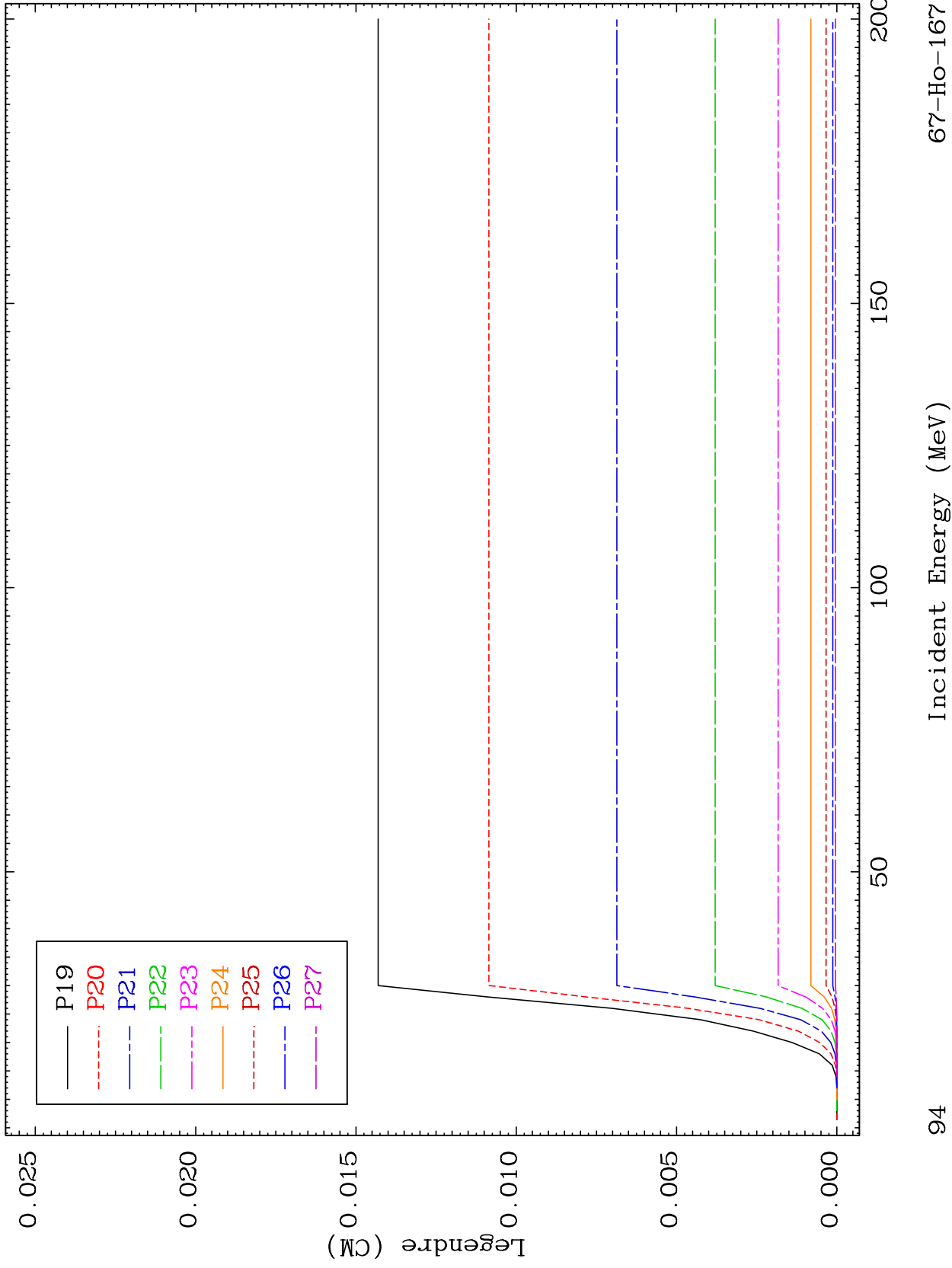
67-Ho-167

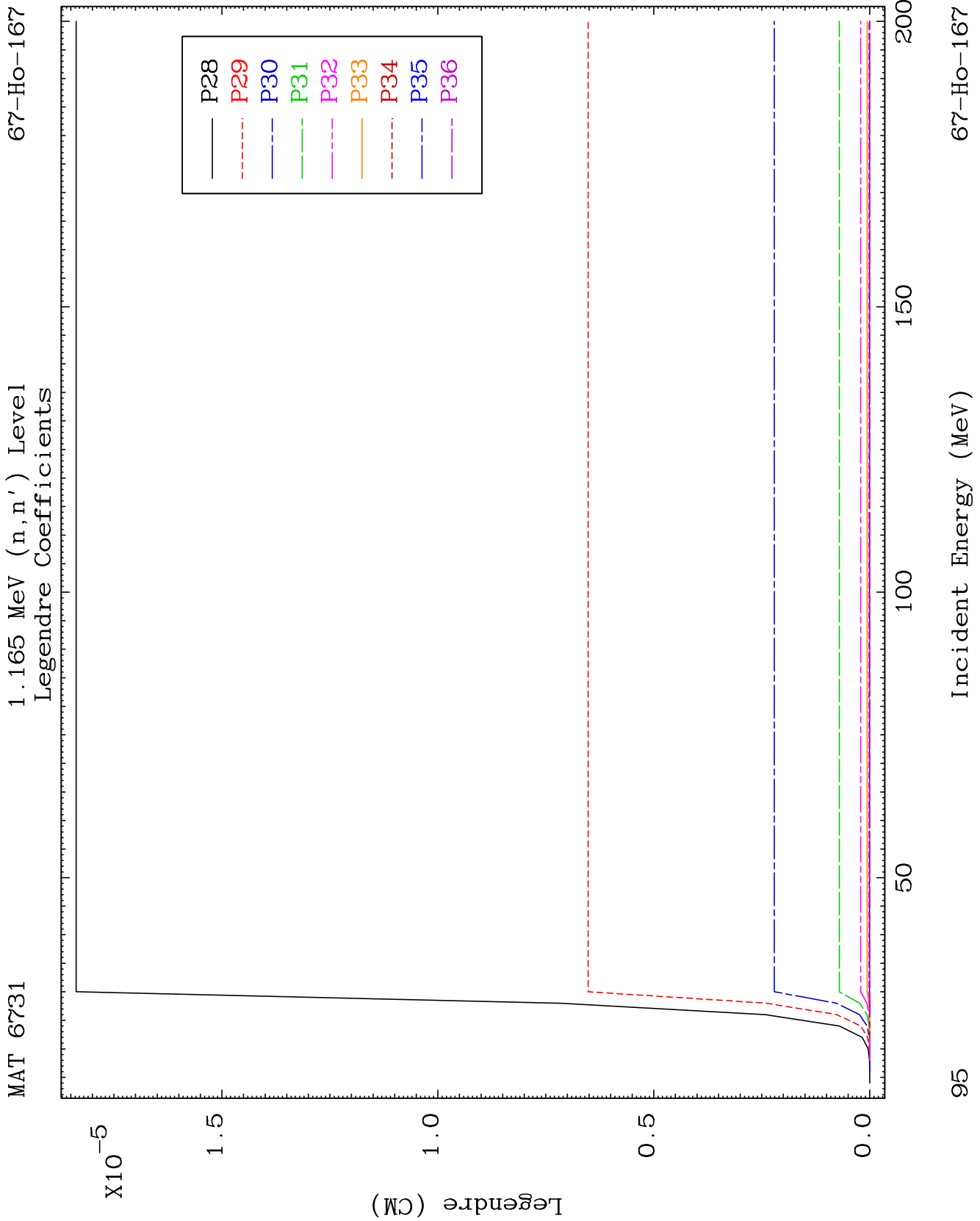


93

Incident Energy (MeV)

67-Ho-167

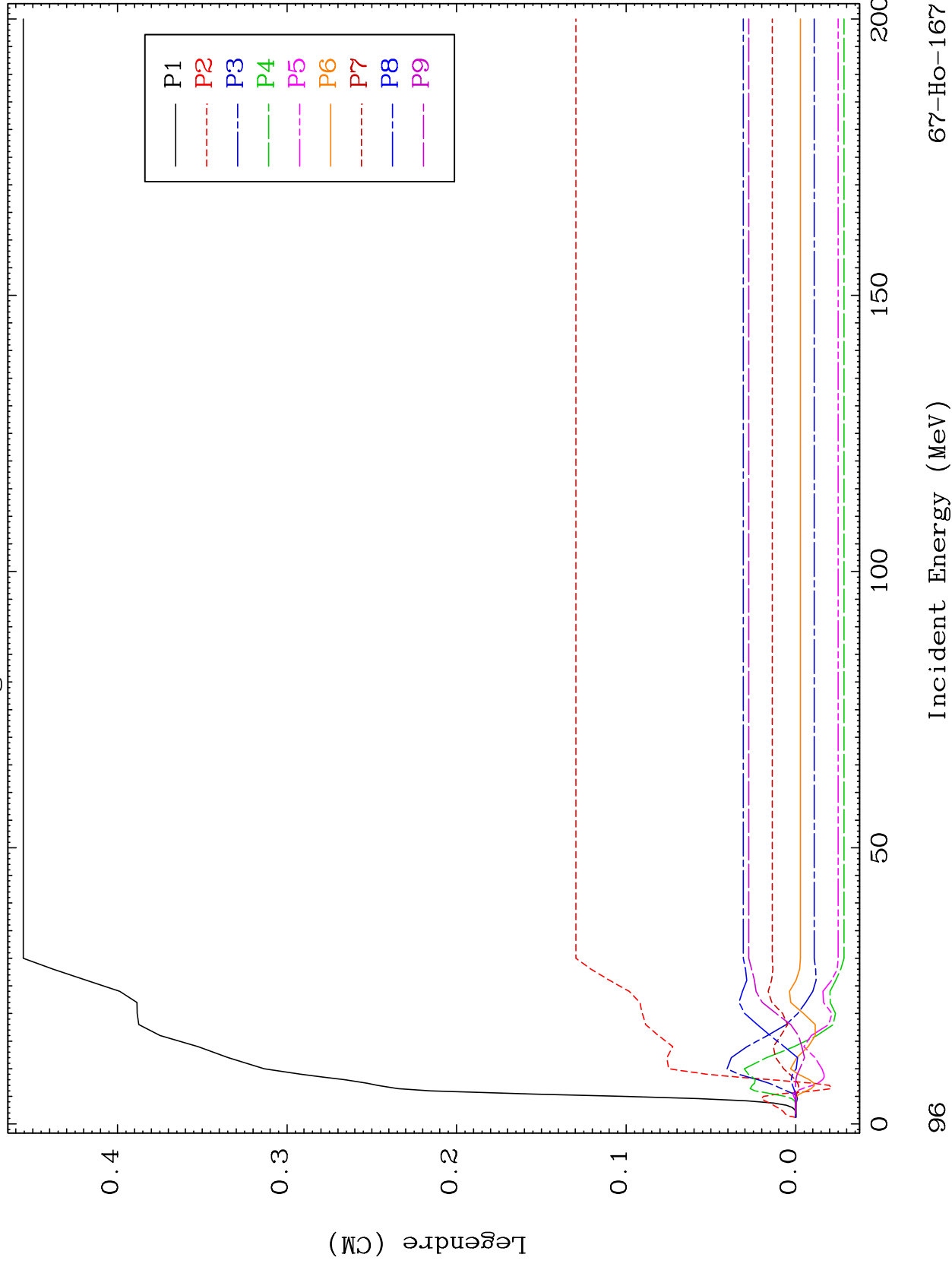




MAT 6731

1.169 MeV (n,n') Level
Legendre Coefficients

67-Ho-167



67-Ho-167

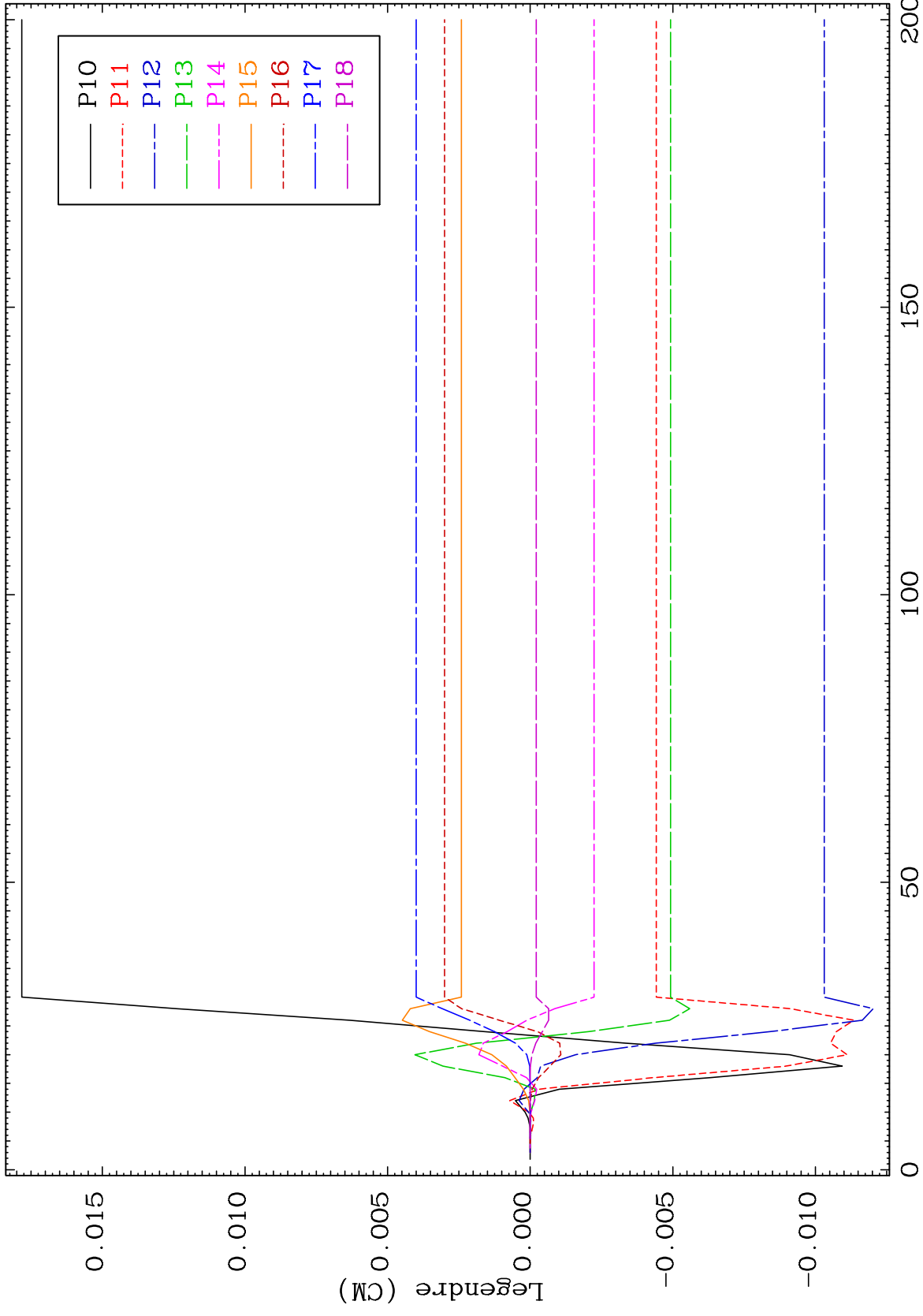
Incident Energy (MeV)

96

MAT 6731

1.169 MeV (n,n') Level
Legendre Coefficients

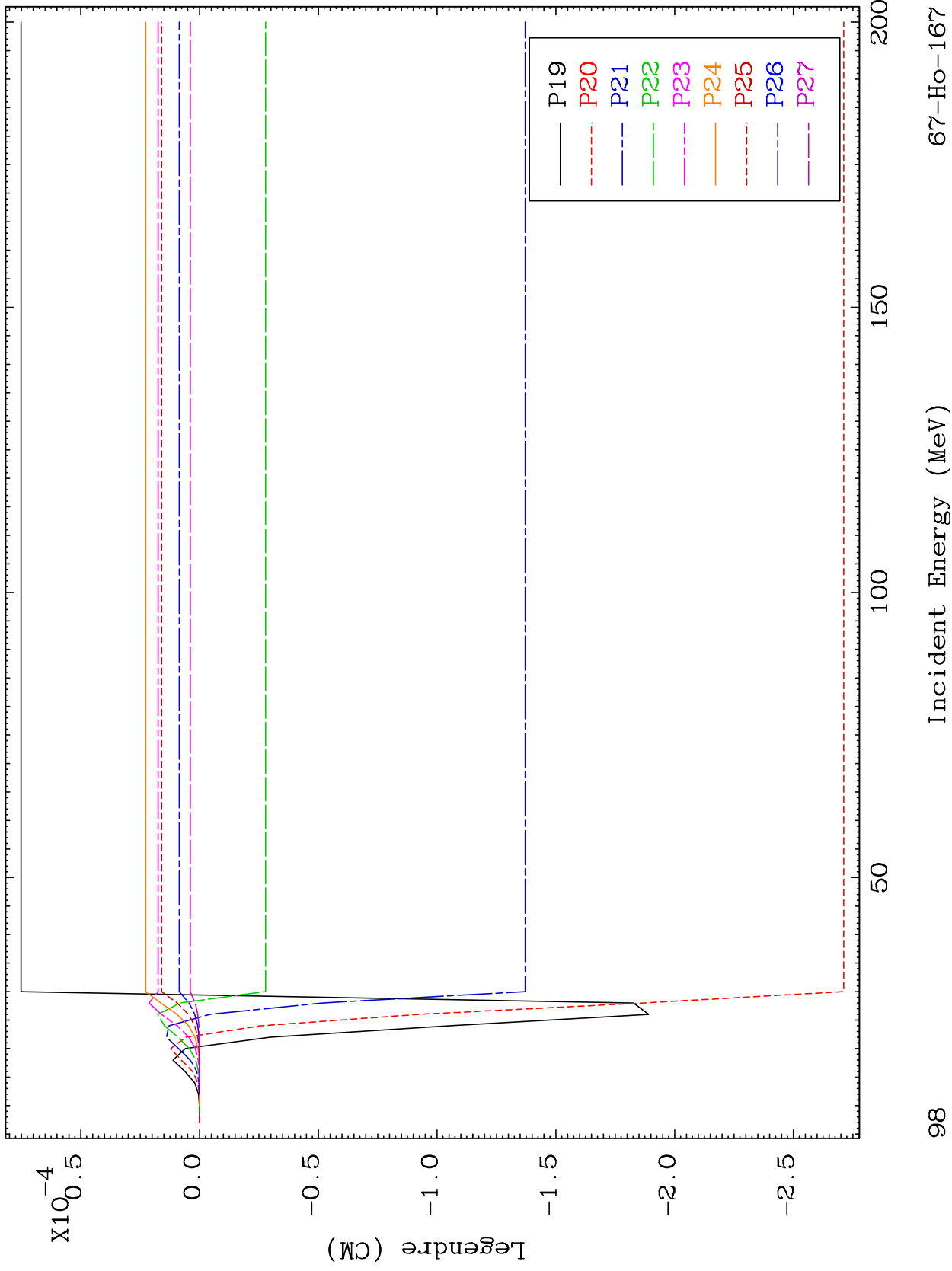
67-Ho-167

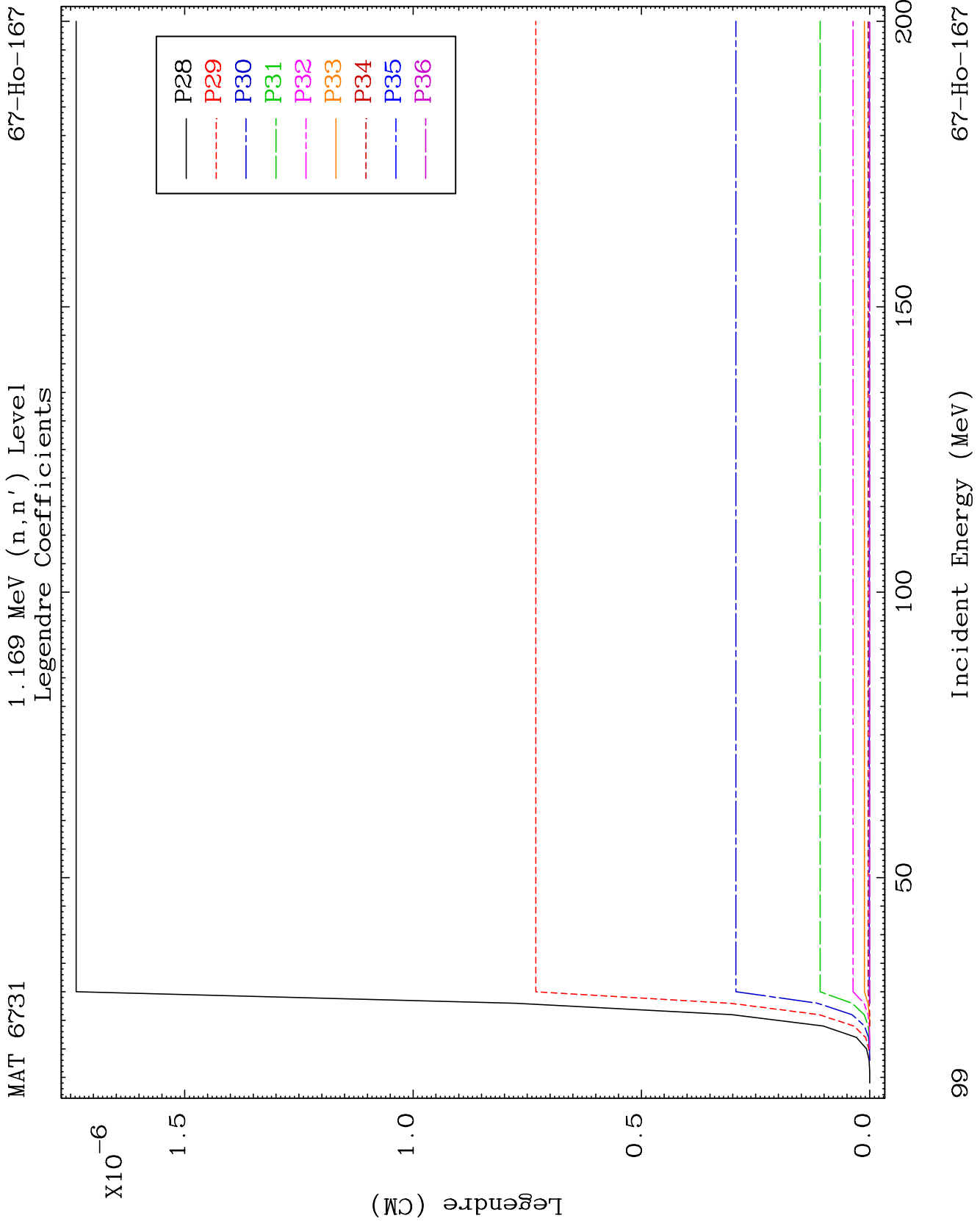


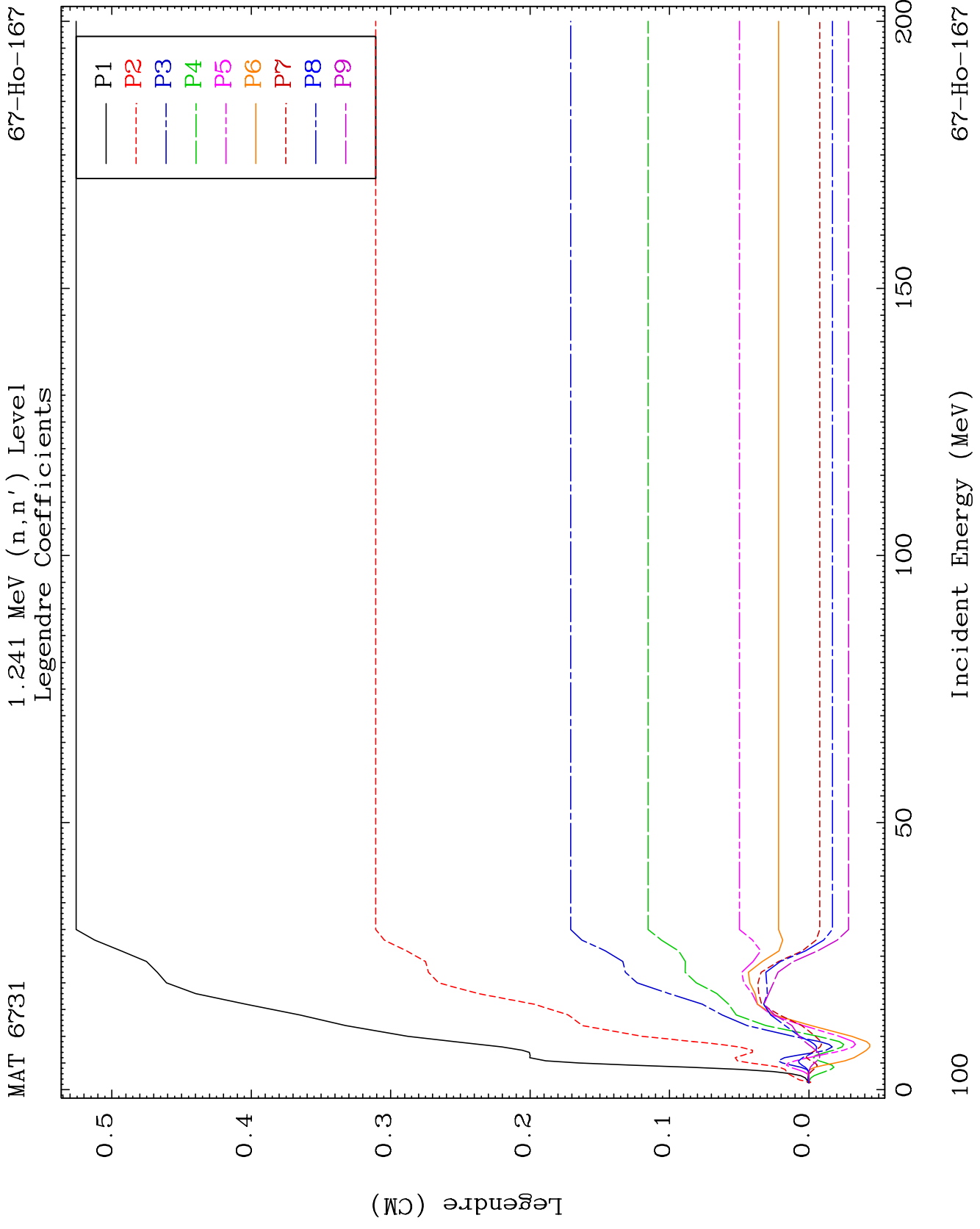
97

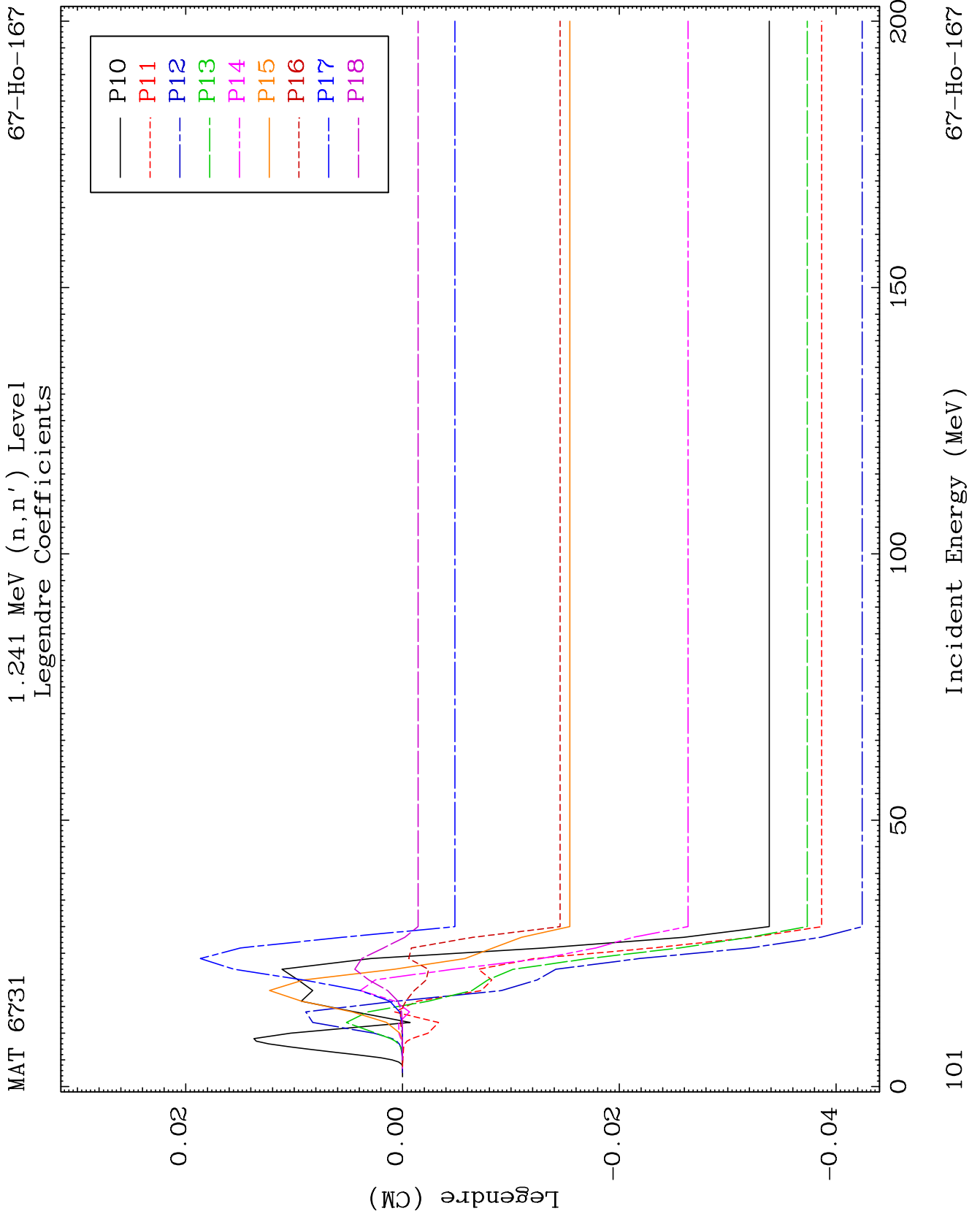
Incident Energy (MeV)

67-Ho-167





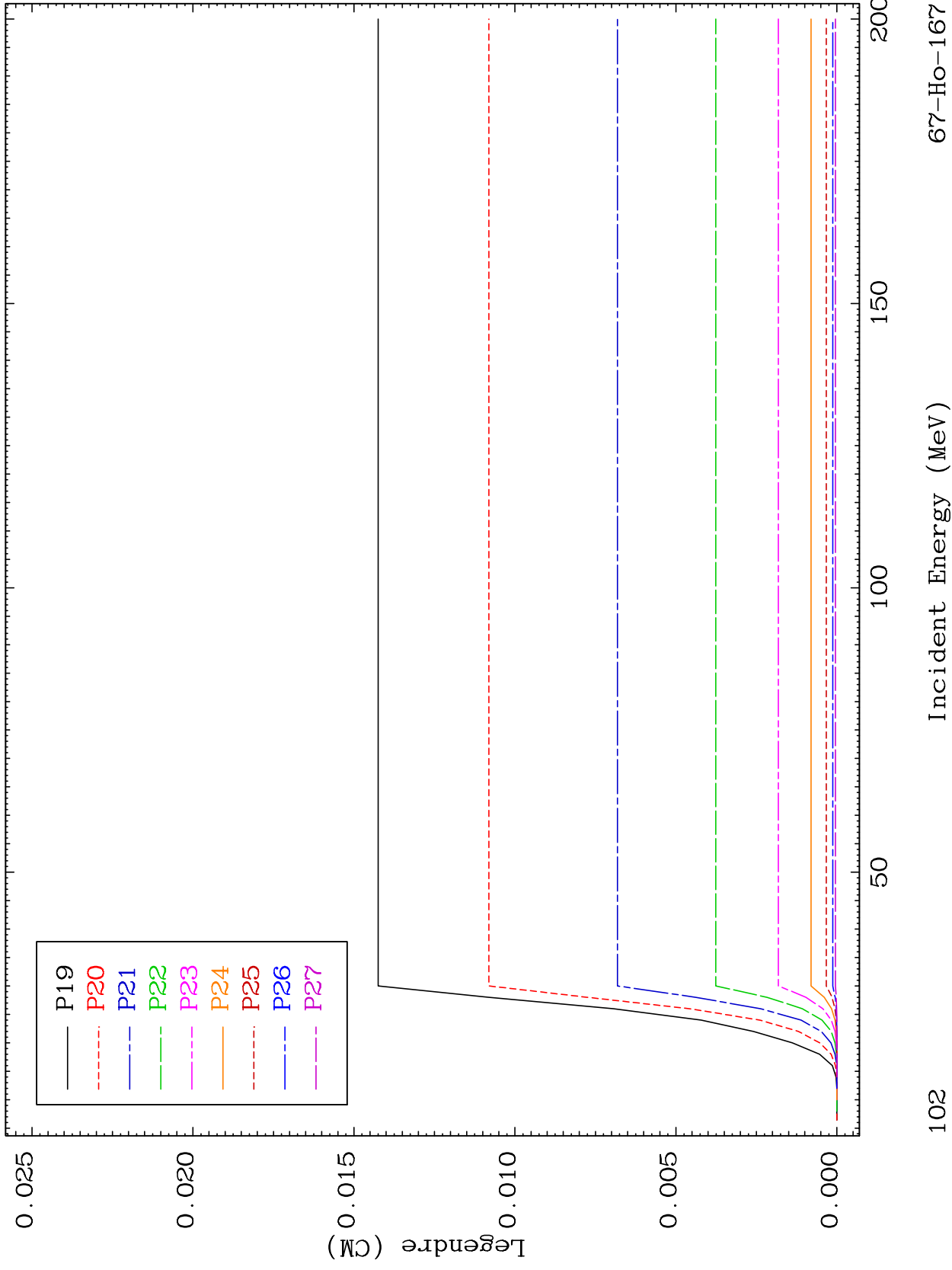




MAT 6731

1.241 MeV (n,n') Level
Legendre Coefficients

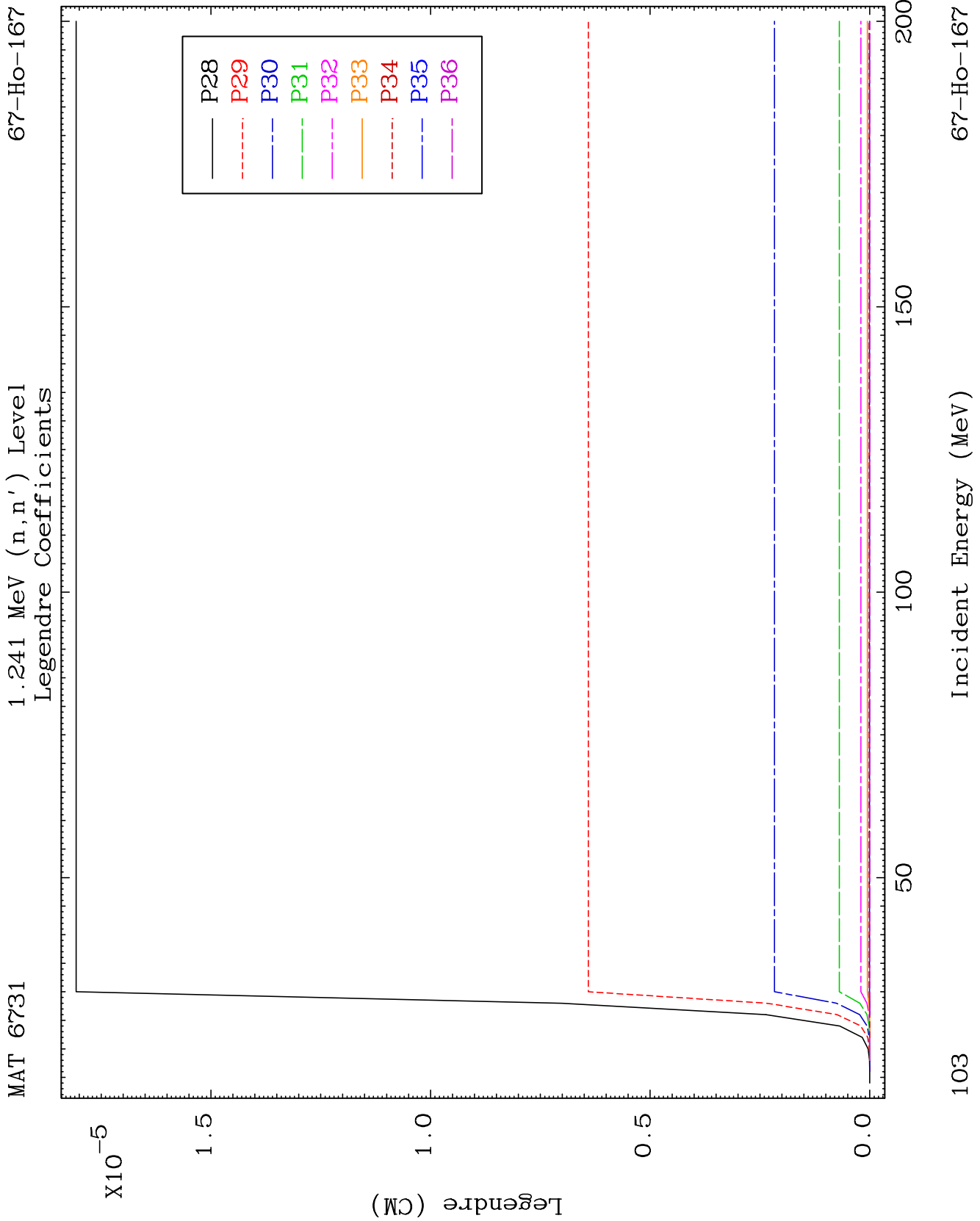
67-Ho-167

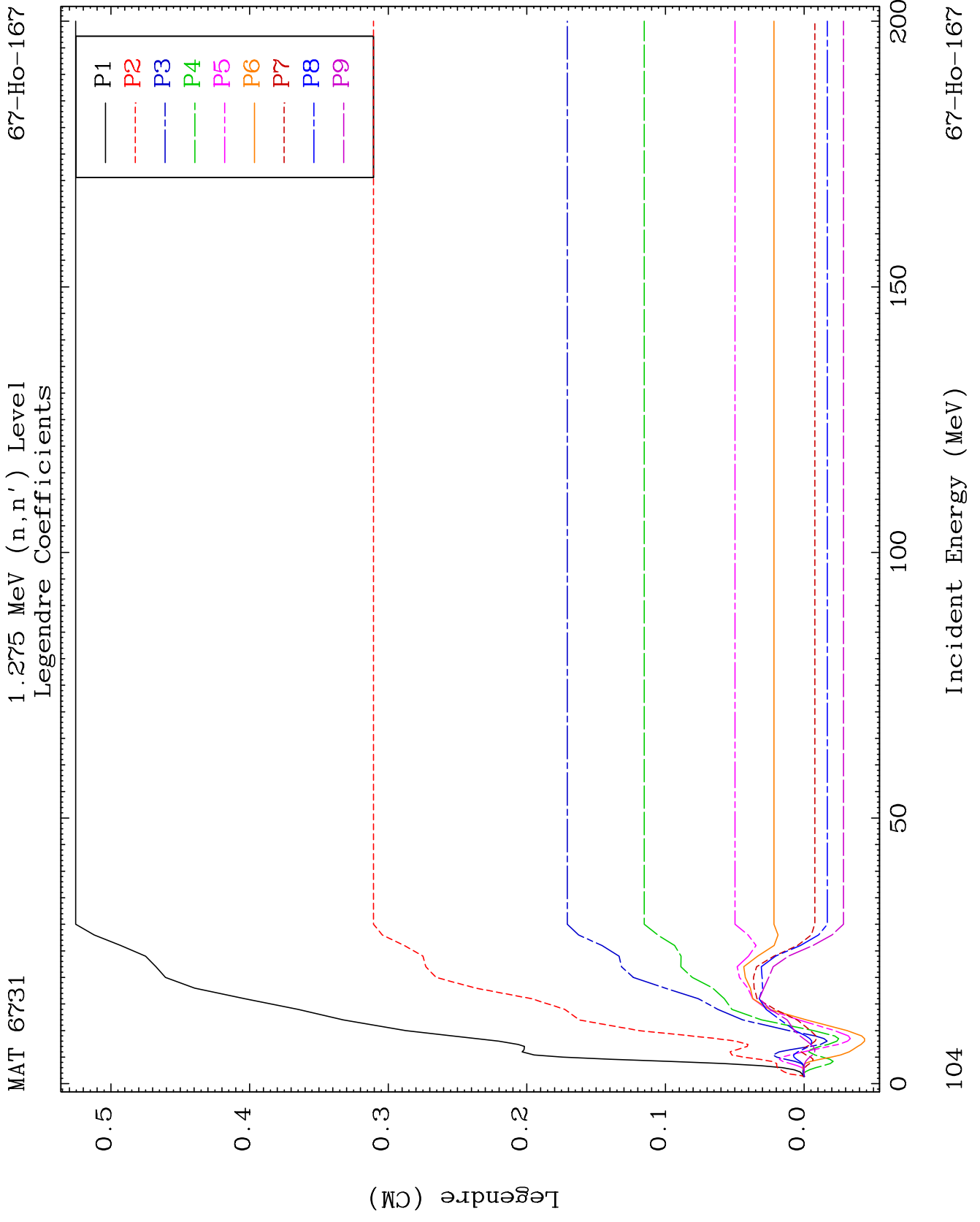


102

Incident Energy (MeV)

67-Ho-167

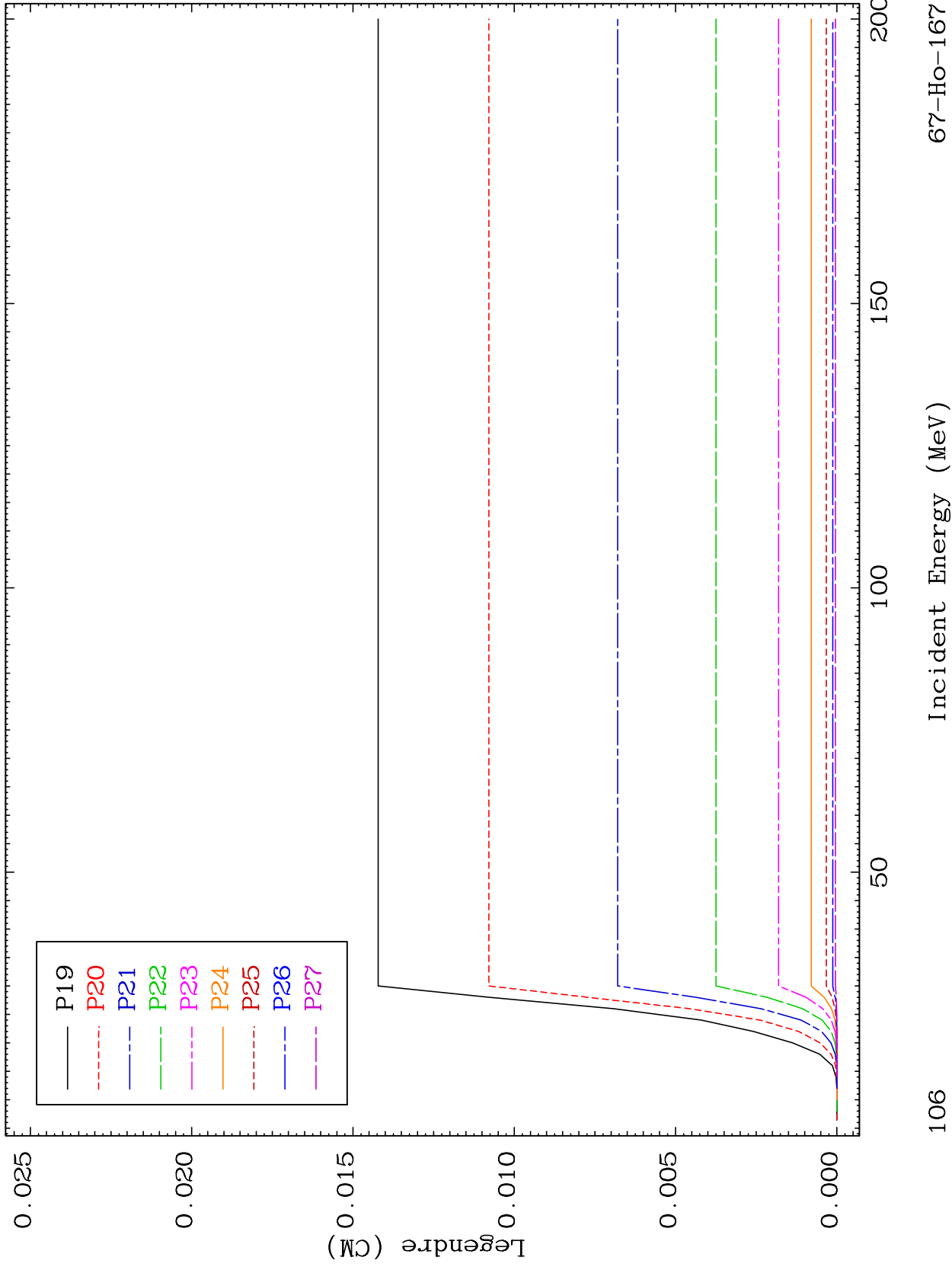




MAT 6731

1.275 MeV (n,n') Level
Legendre Coefficients

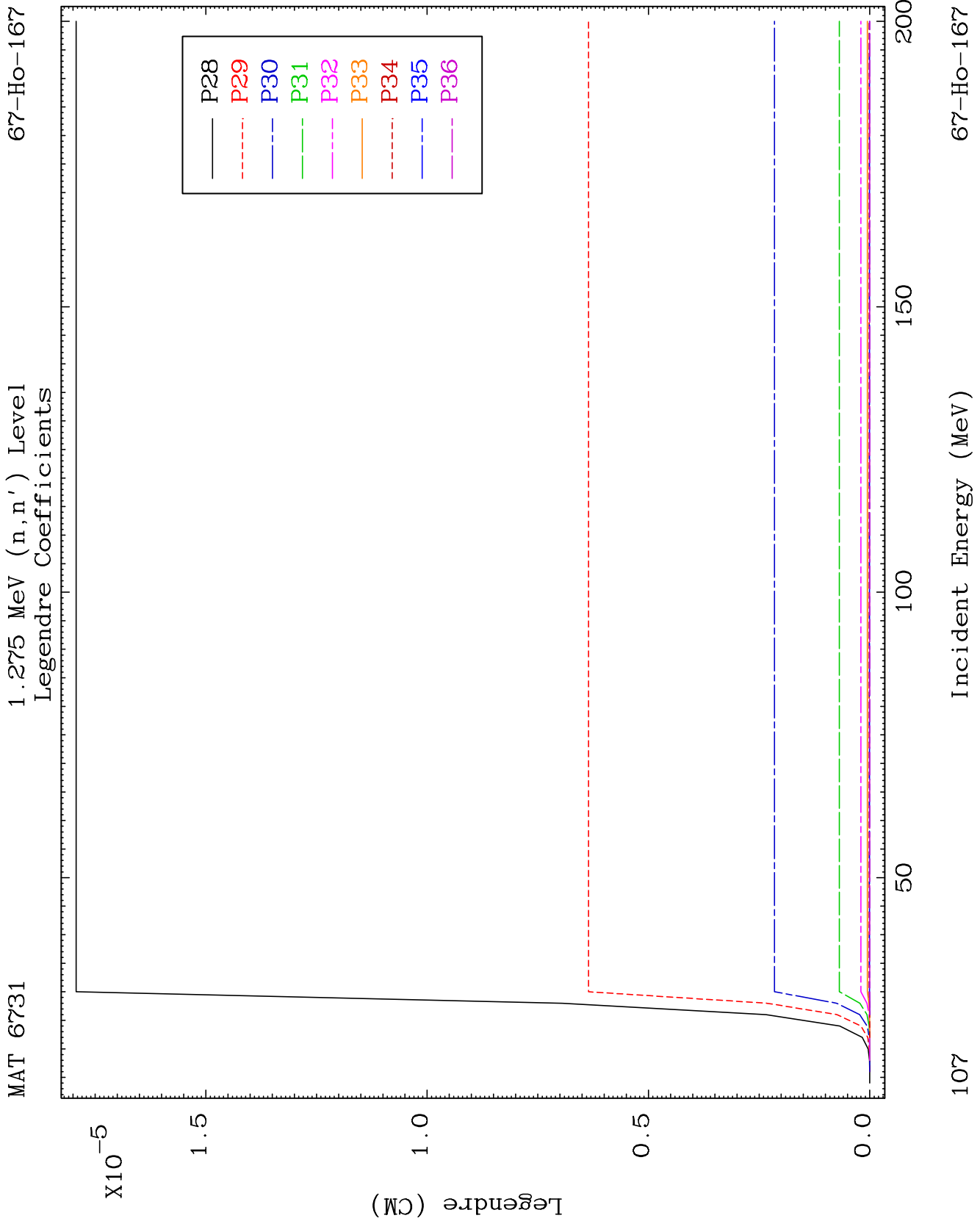
67-Ho-167

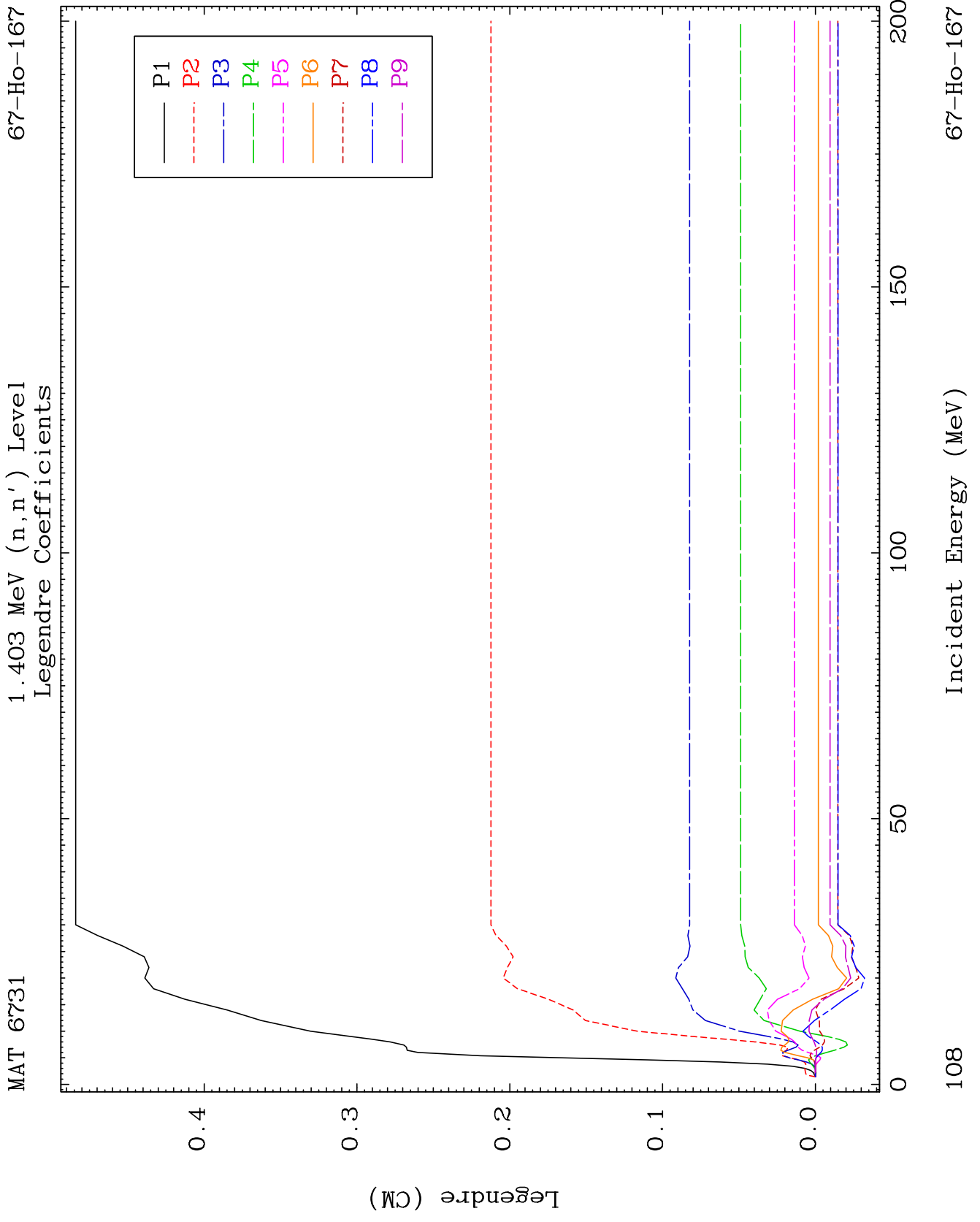


106

Incident Energy (MeV)

67-Ho-167

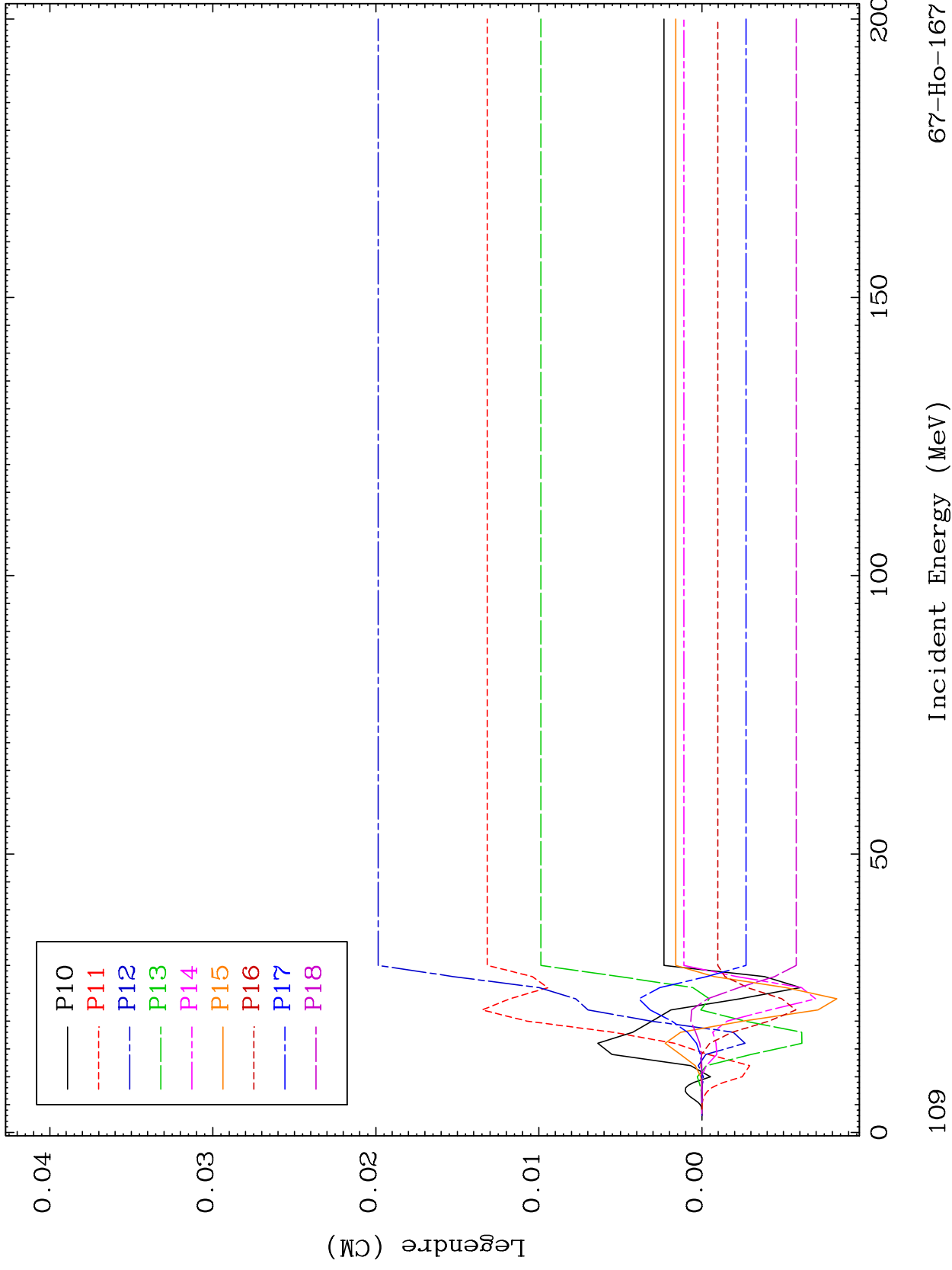




MAT 6731

1.403 MeV (n,n') Level
Legendre Coefficients

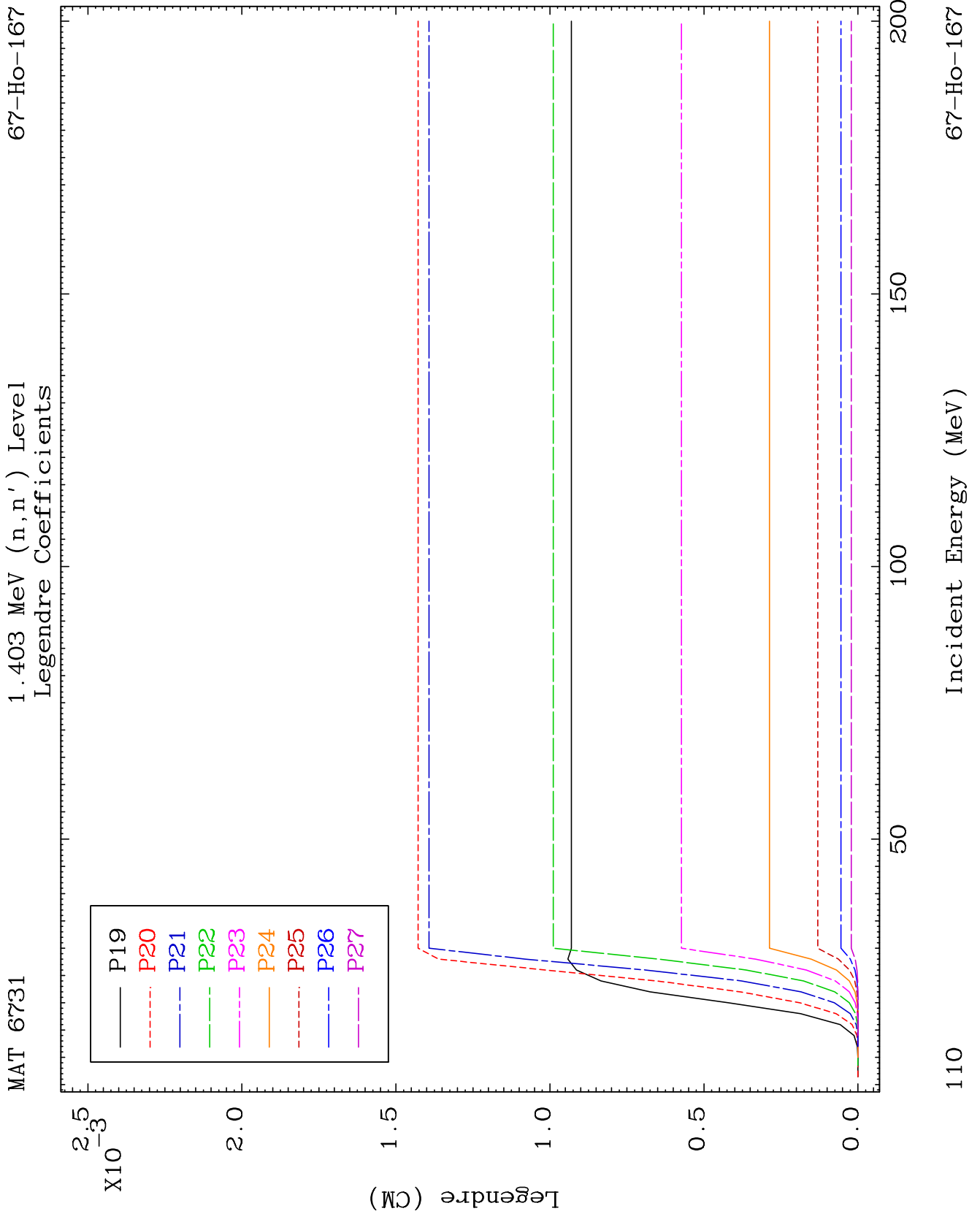
67-Ho-167

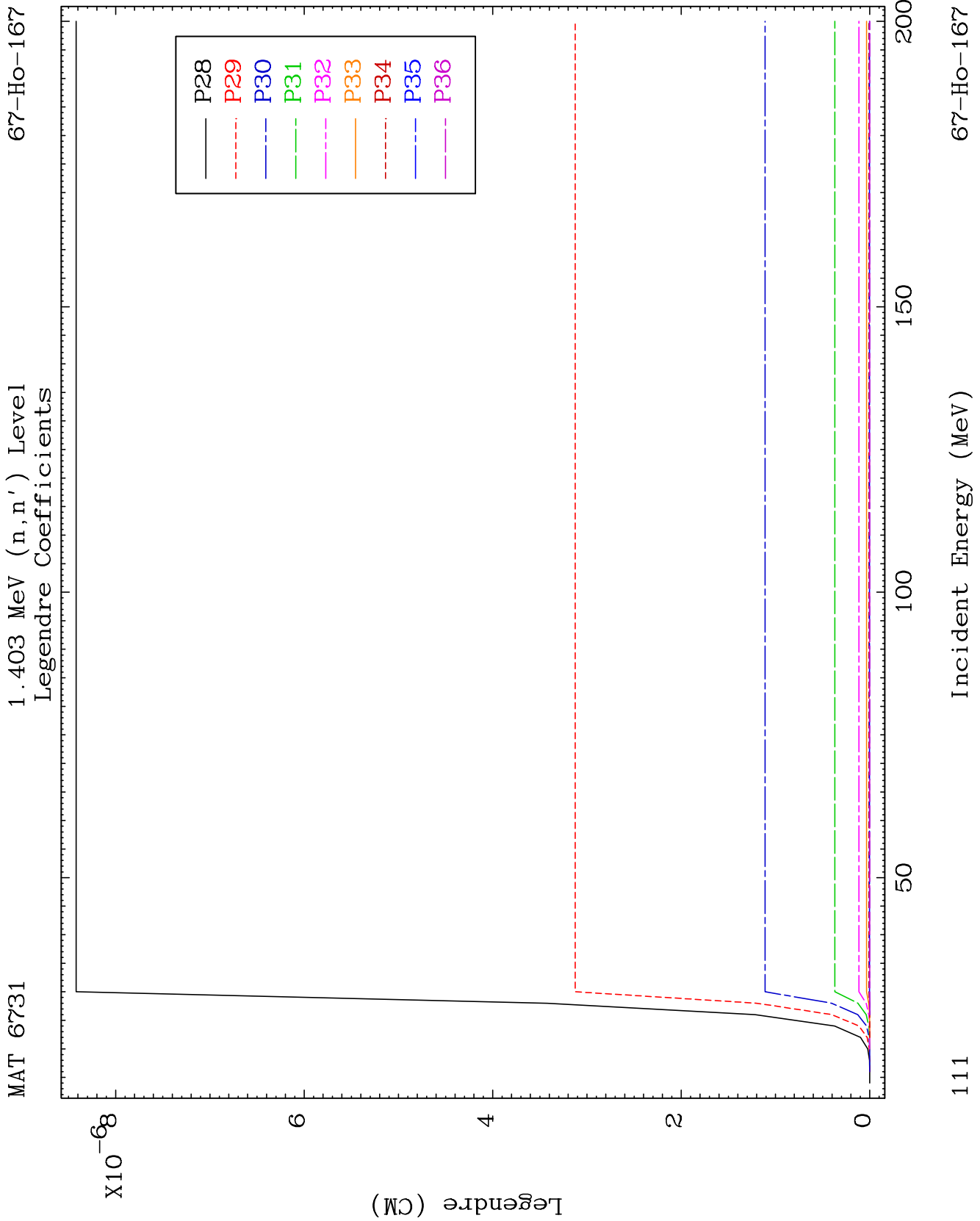


67-Ho-167

Incident Energy (MeV)

109

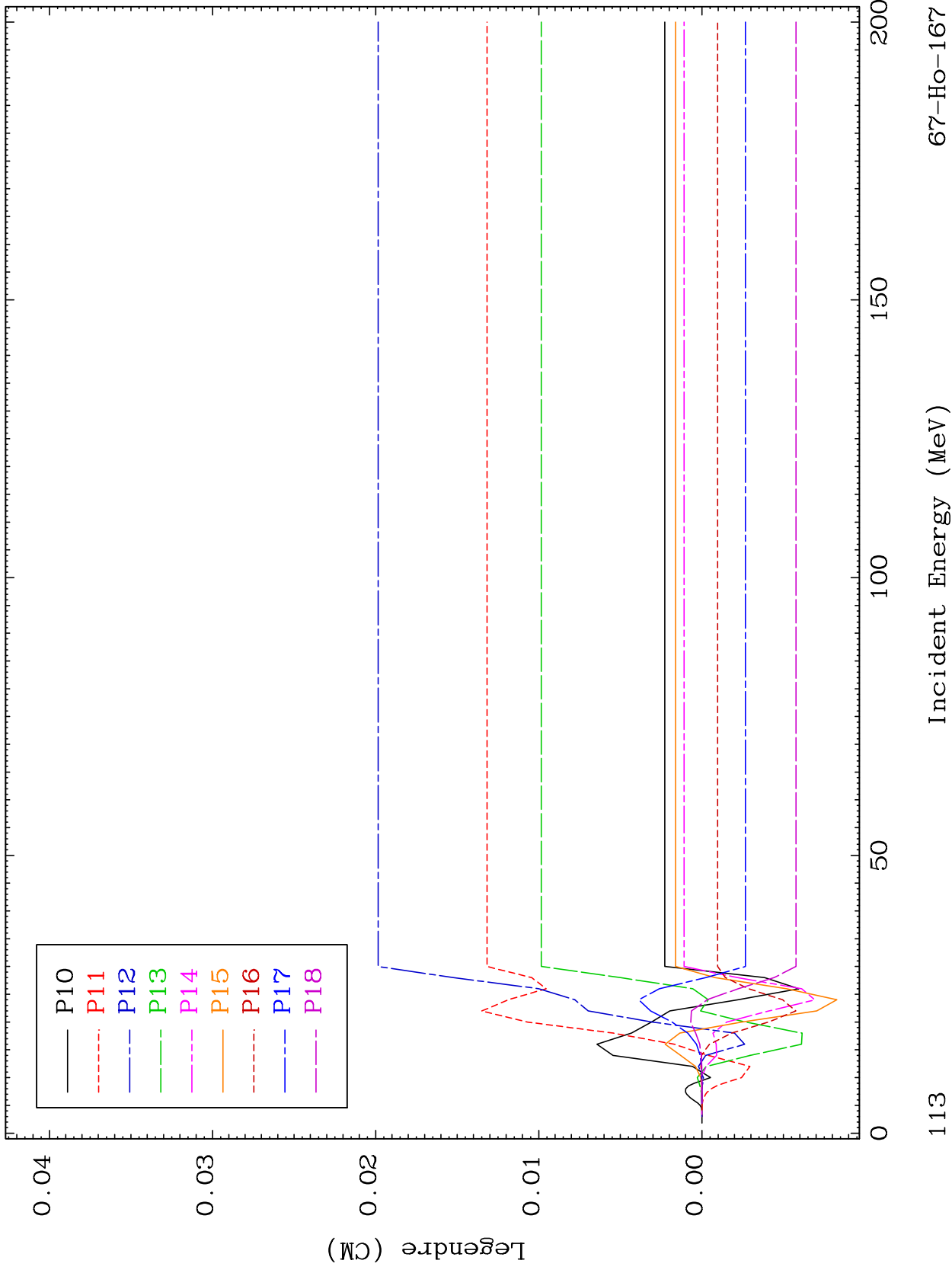




MAT 6731

1.464 MeV (n,n') Level
Legendre Coefficients

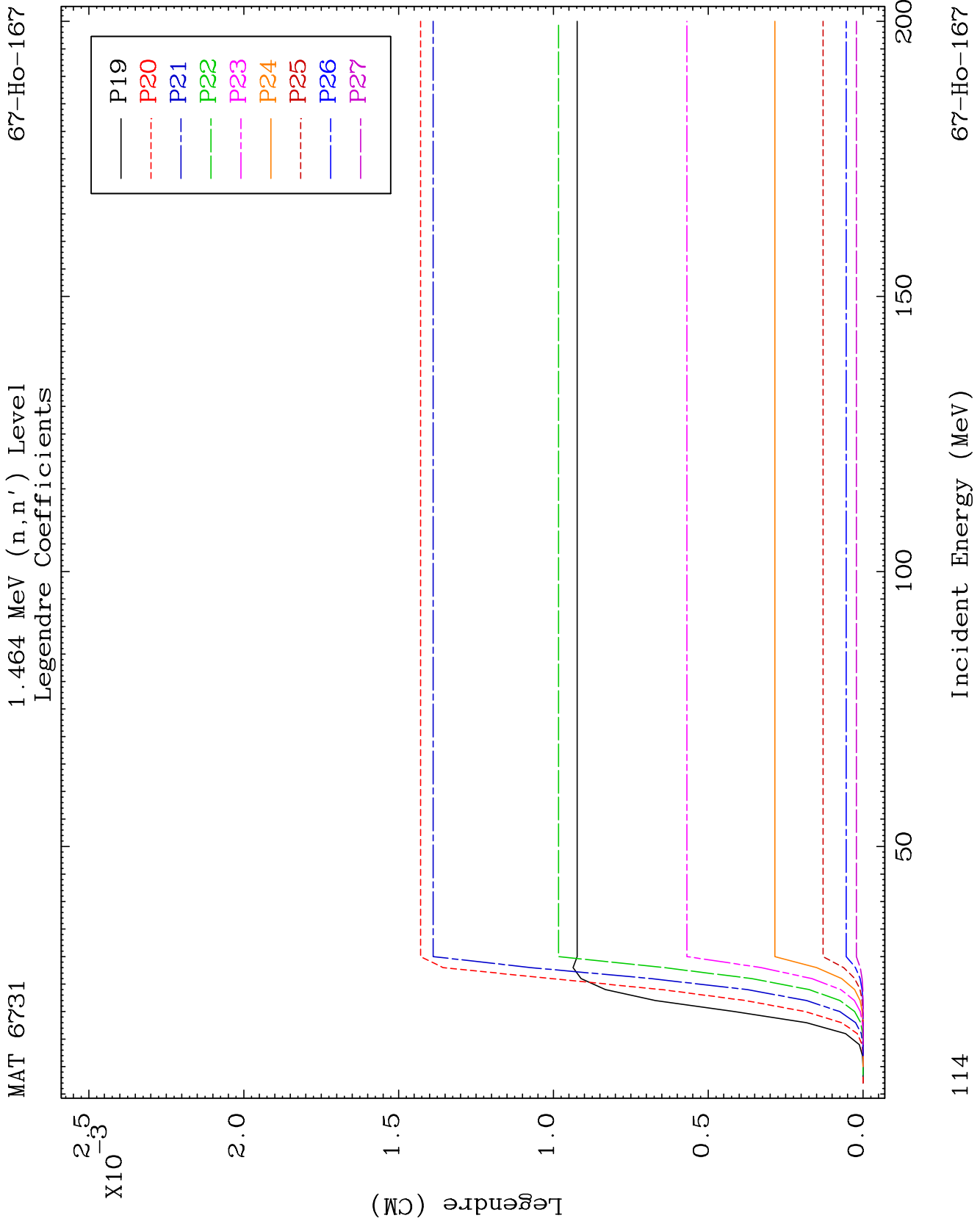
67-Ho-167

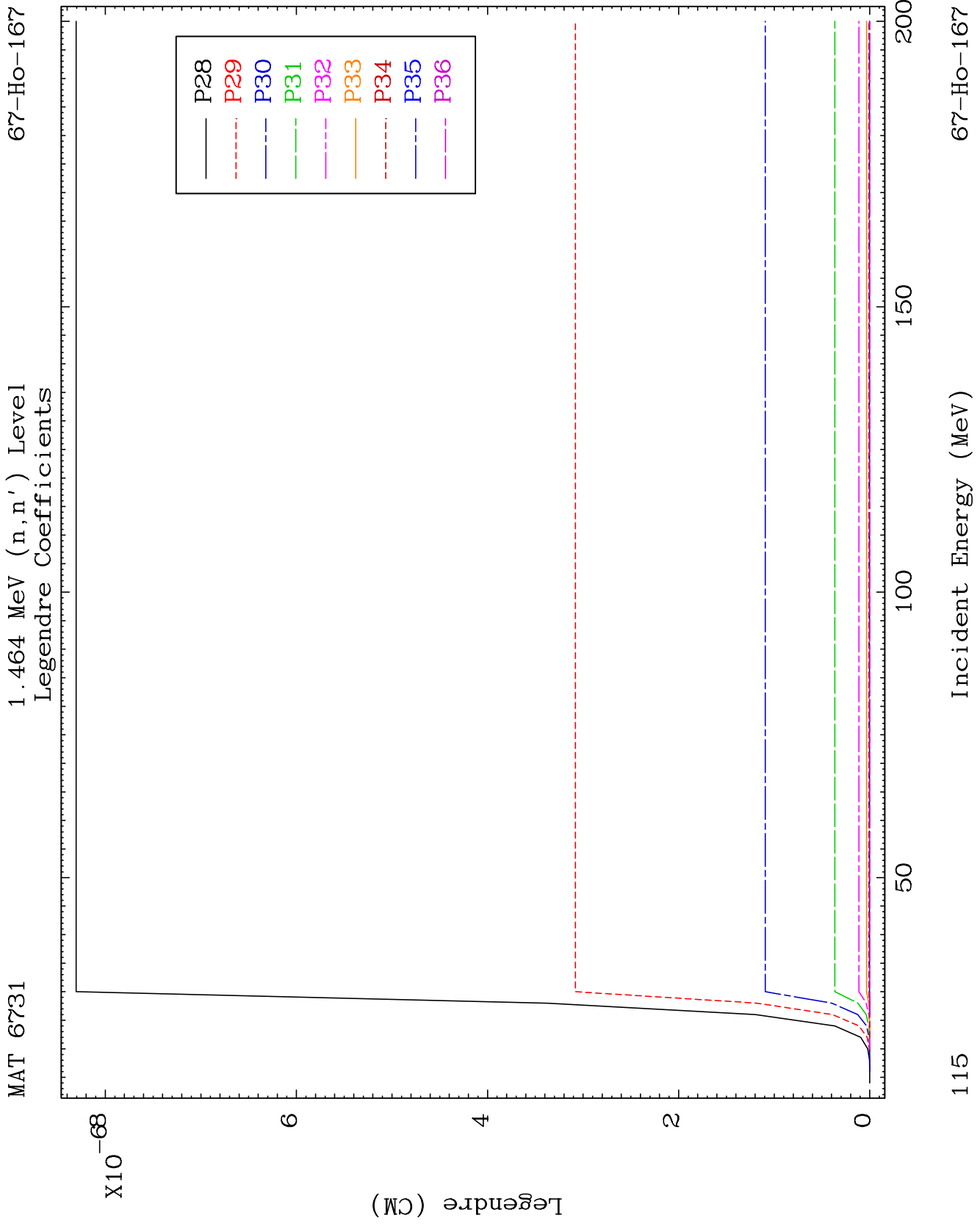


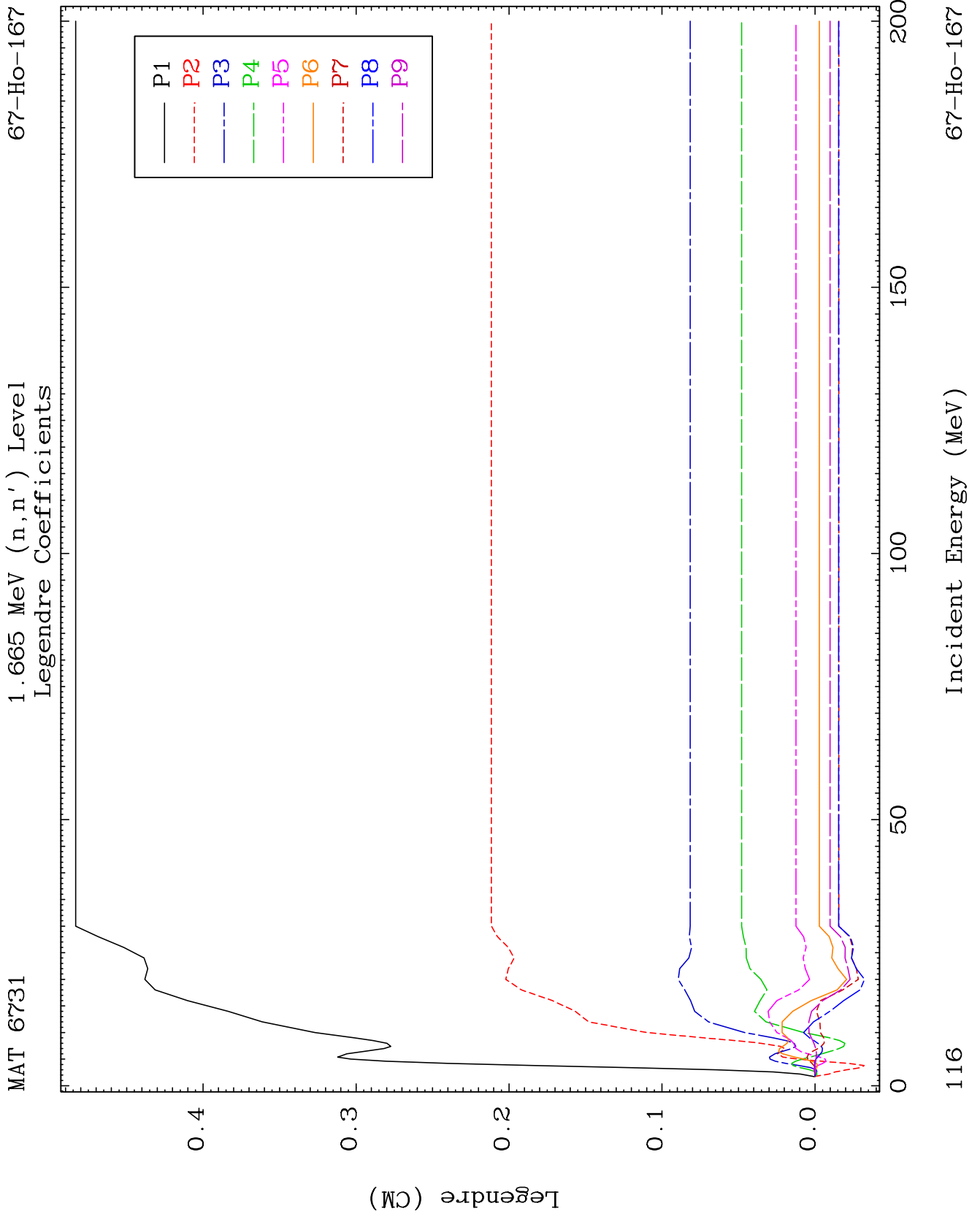
113

Incident Energy (MeV)

67-Ho-167



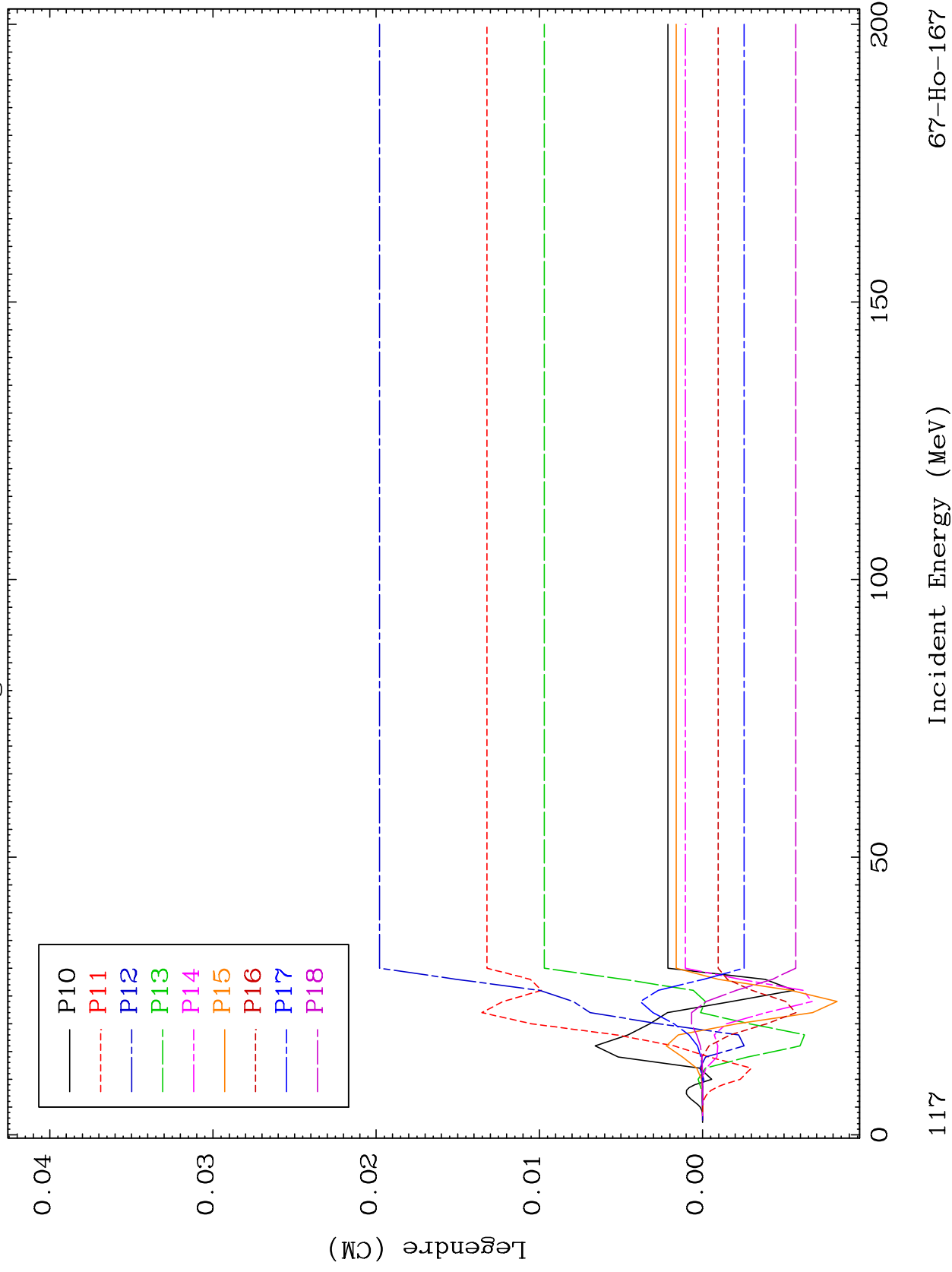




MAT 6731

1.665 MeV (n,n') Level
Legendre Coefficients

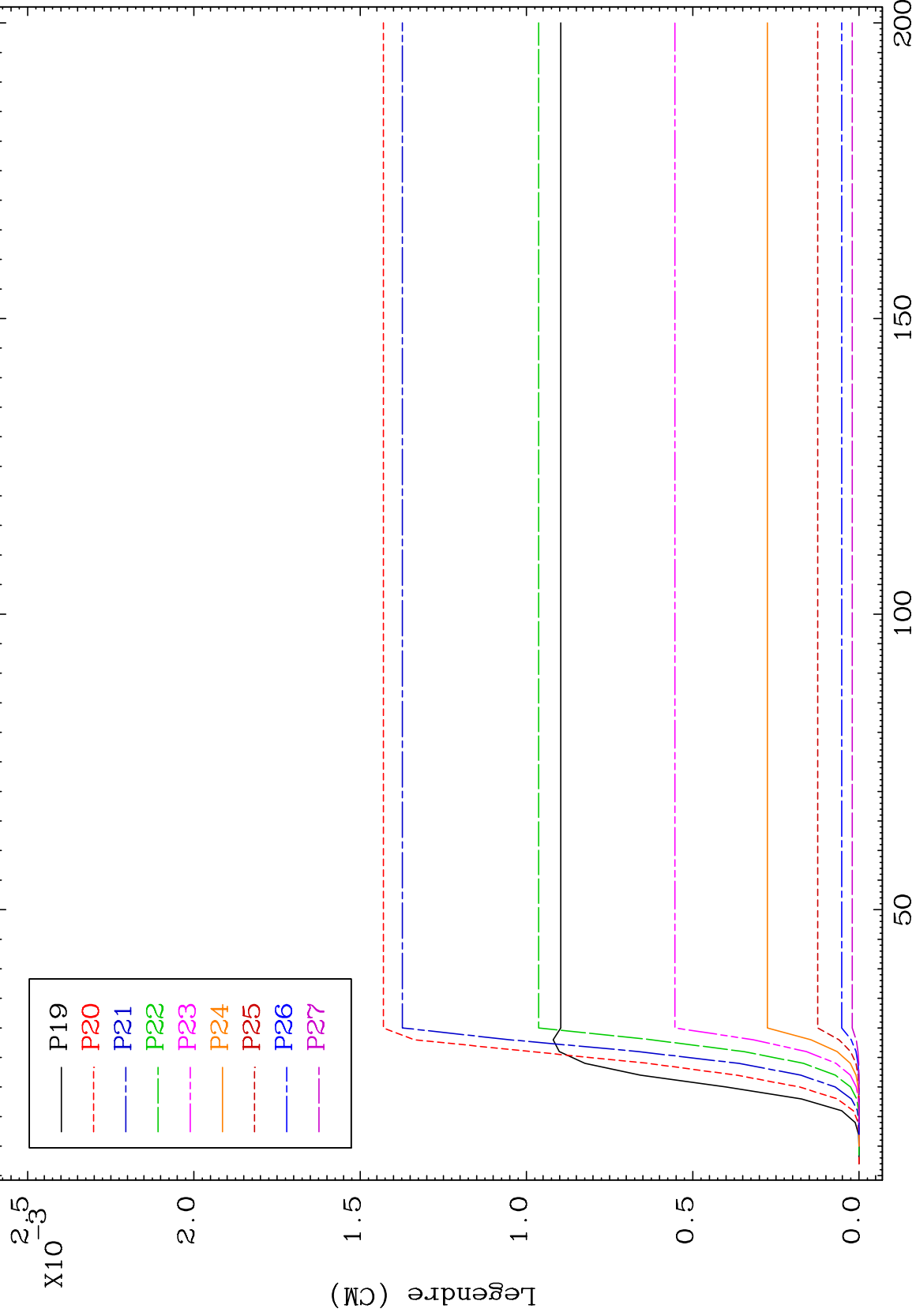
67-Ho-167

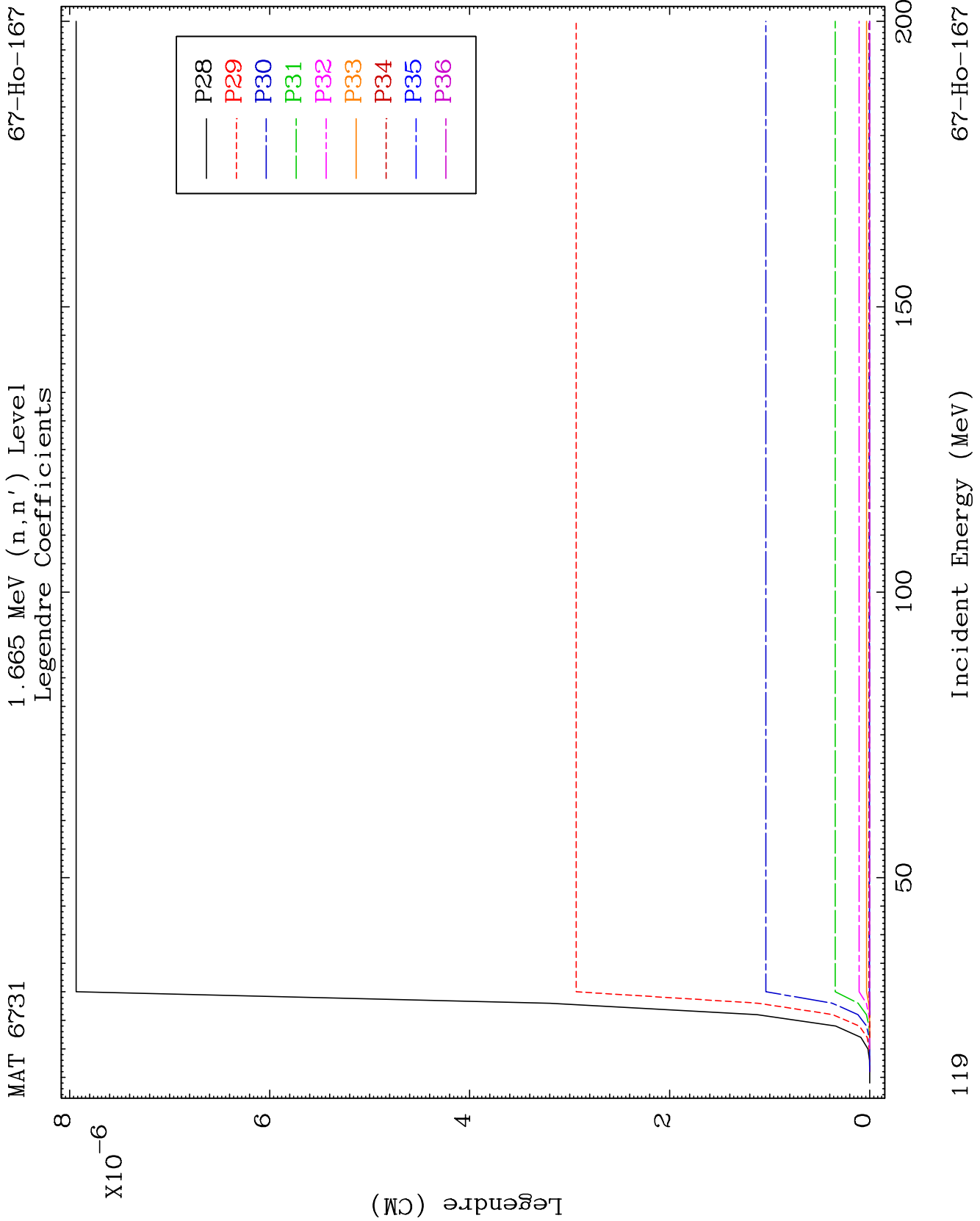


117

Incident Energy (MeV)

67-Ho-167

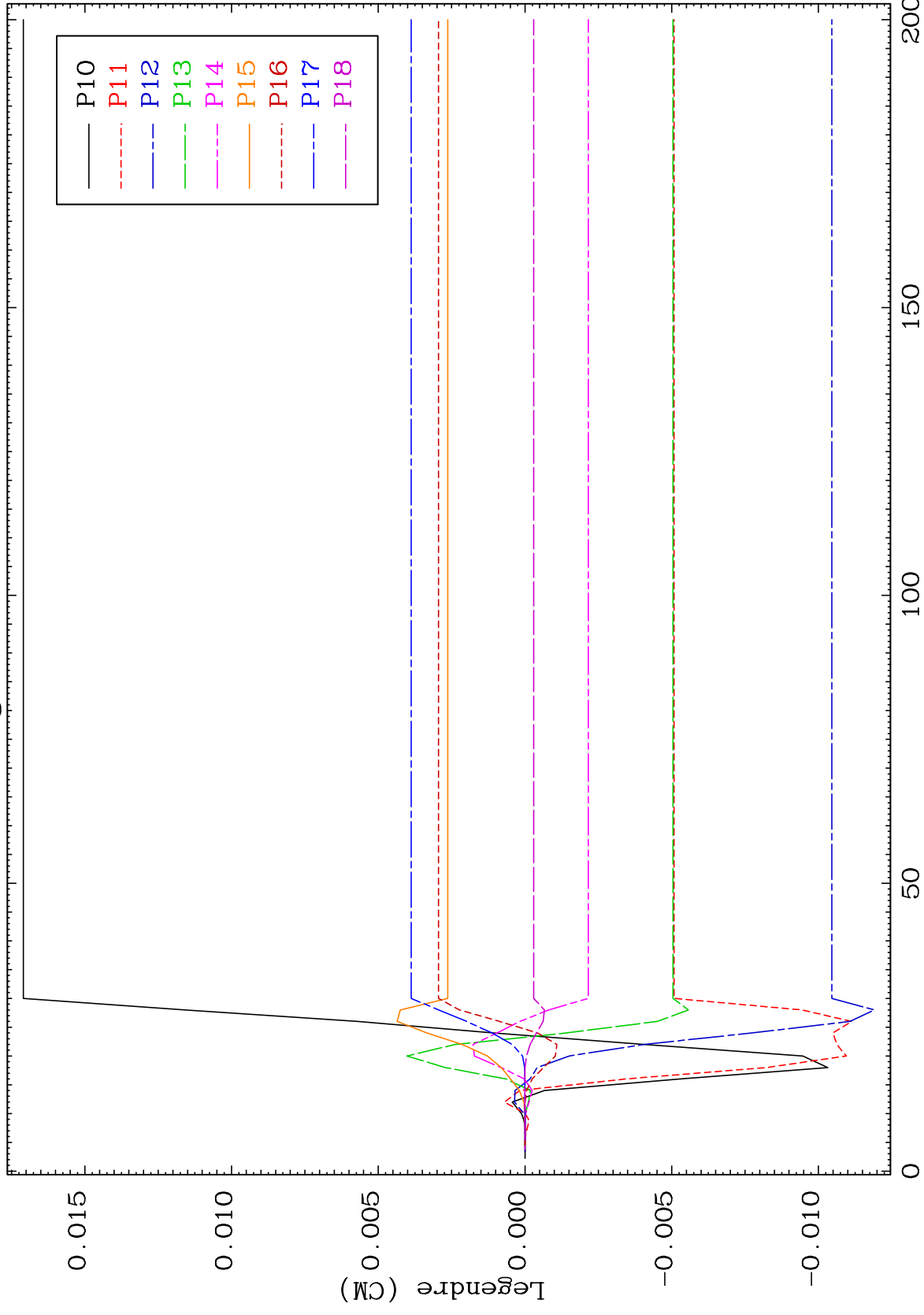




MAT 6731

1.666 MeV (n,n') Level
Legendre Coefficients

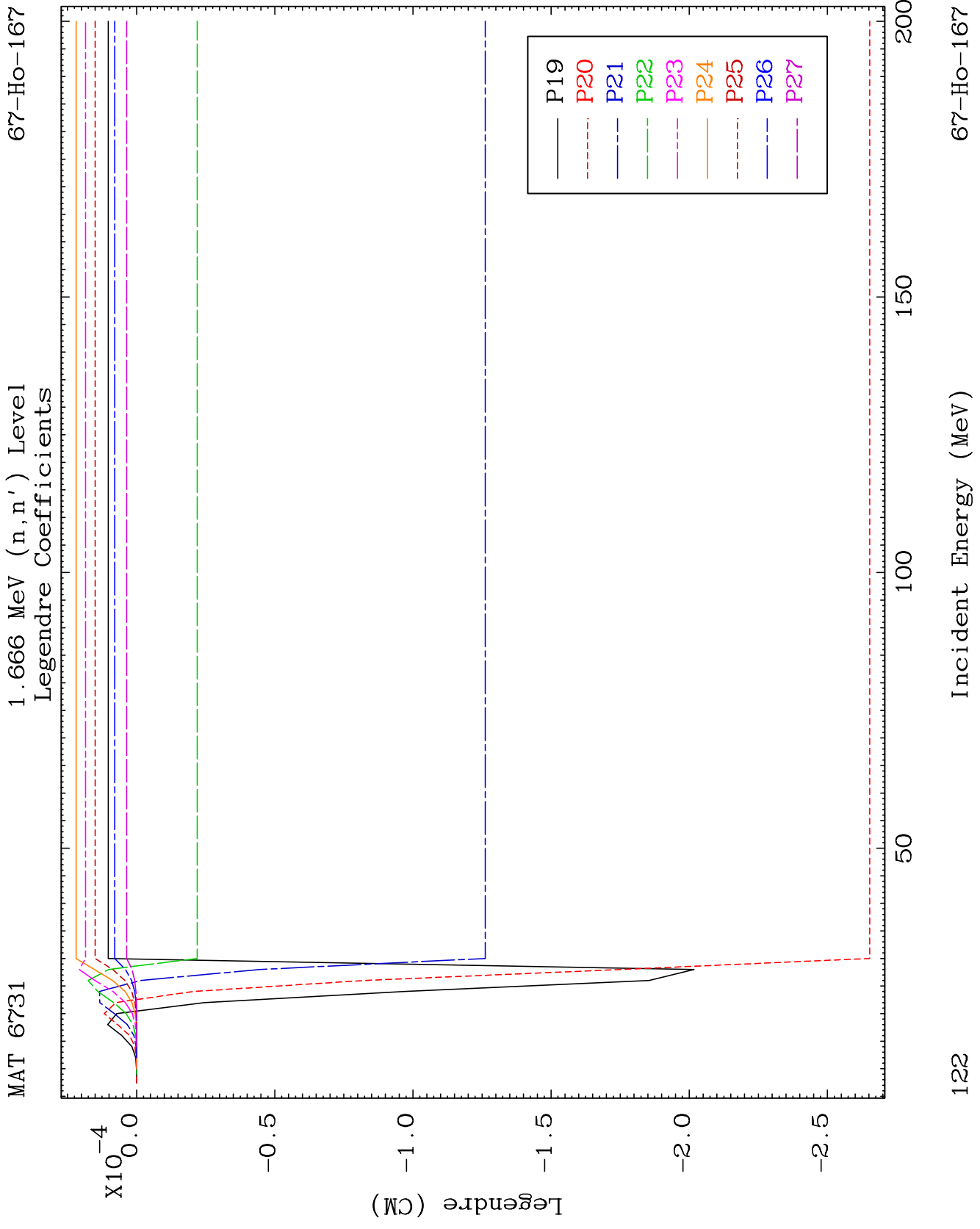
67-Ho-167

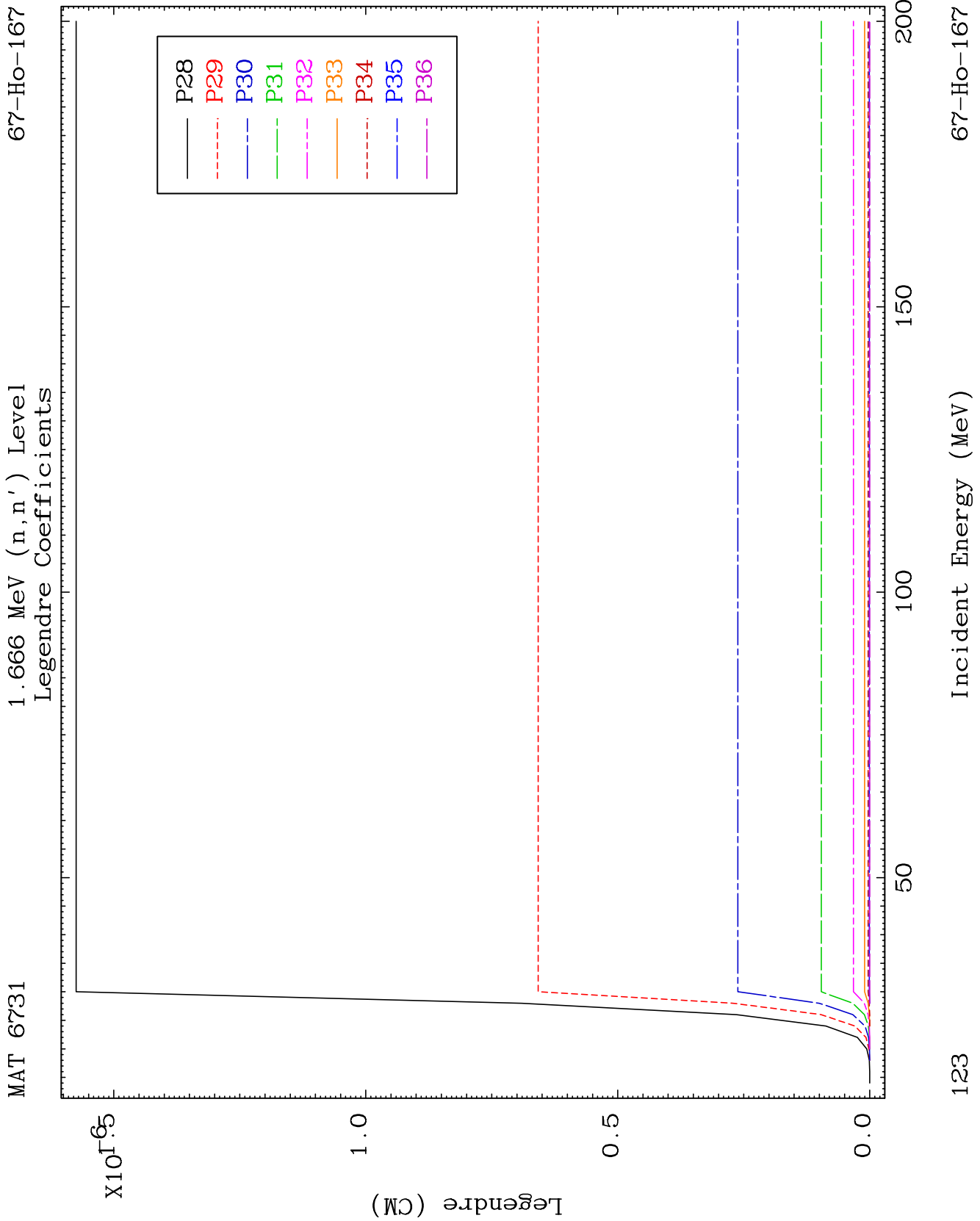


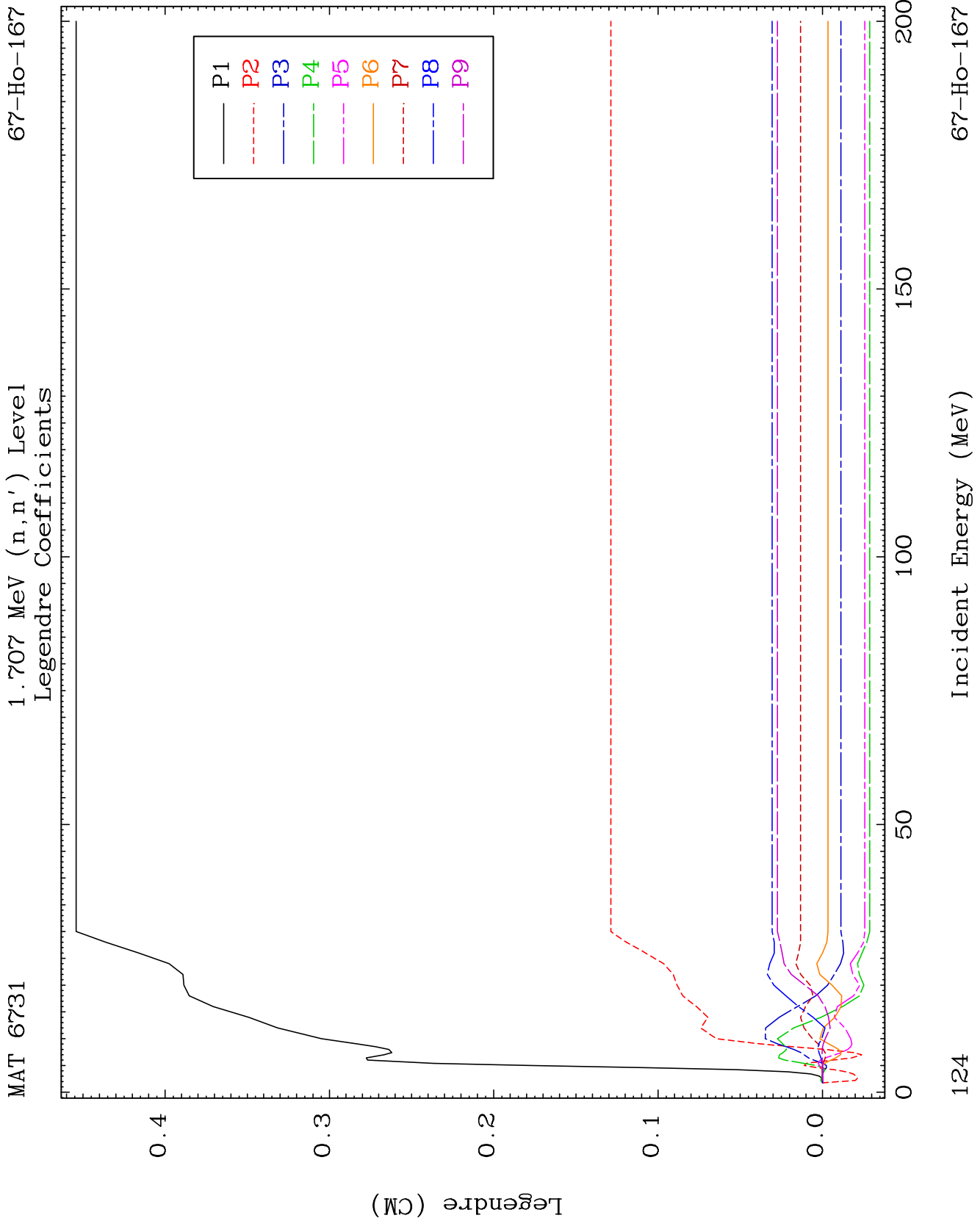
121

Incident Energy (MeV)

67-Ho-167



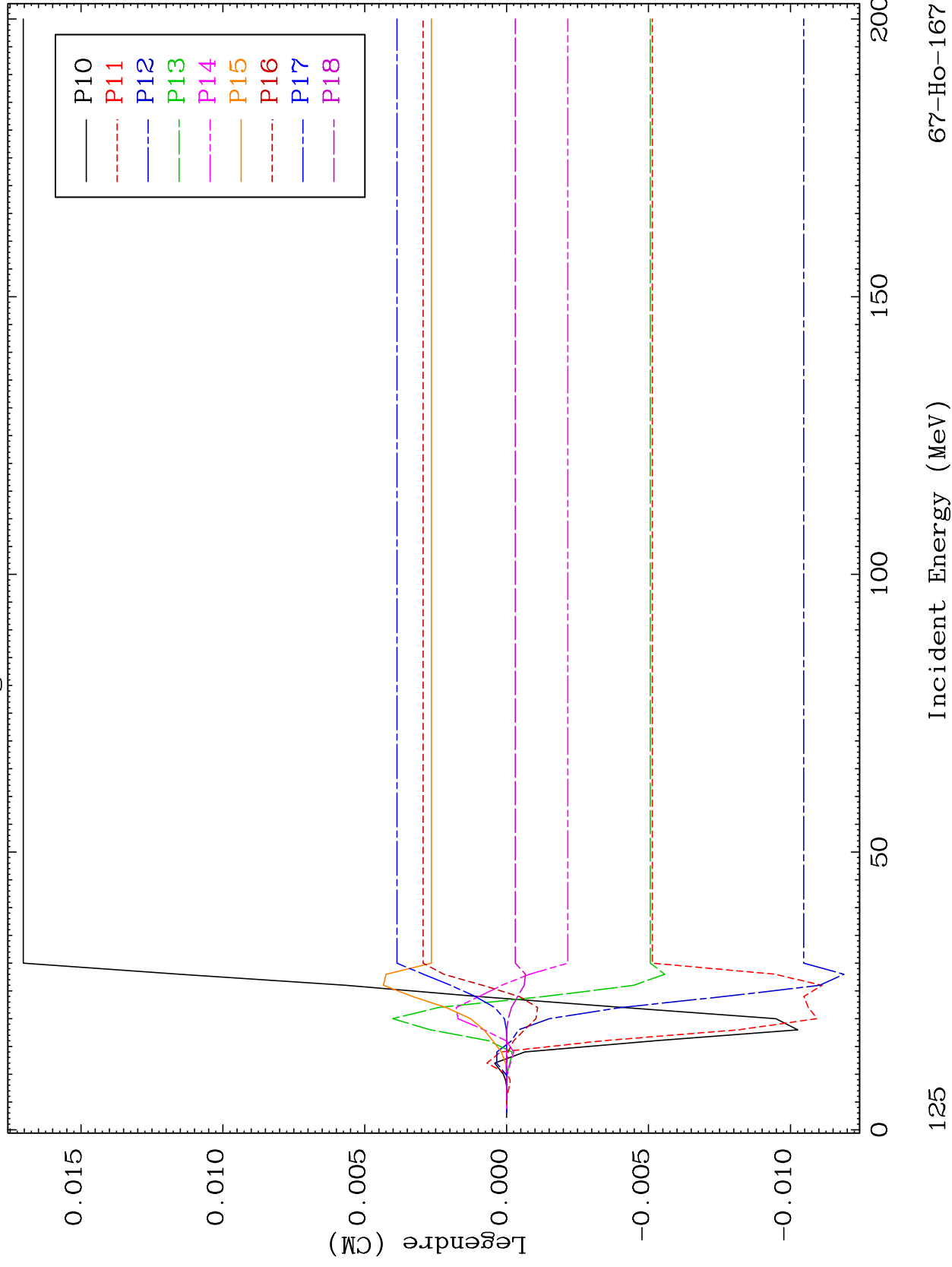




MAT 6731

1.707 MeV (n,n') Level
Legendre Coefficients

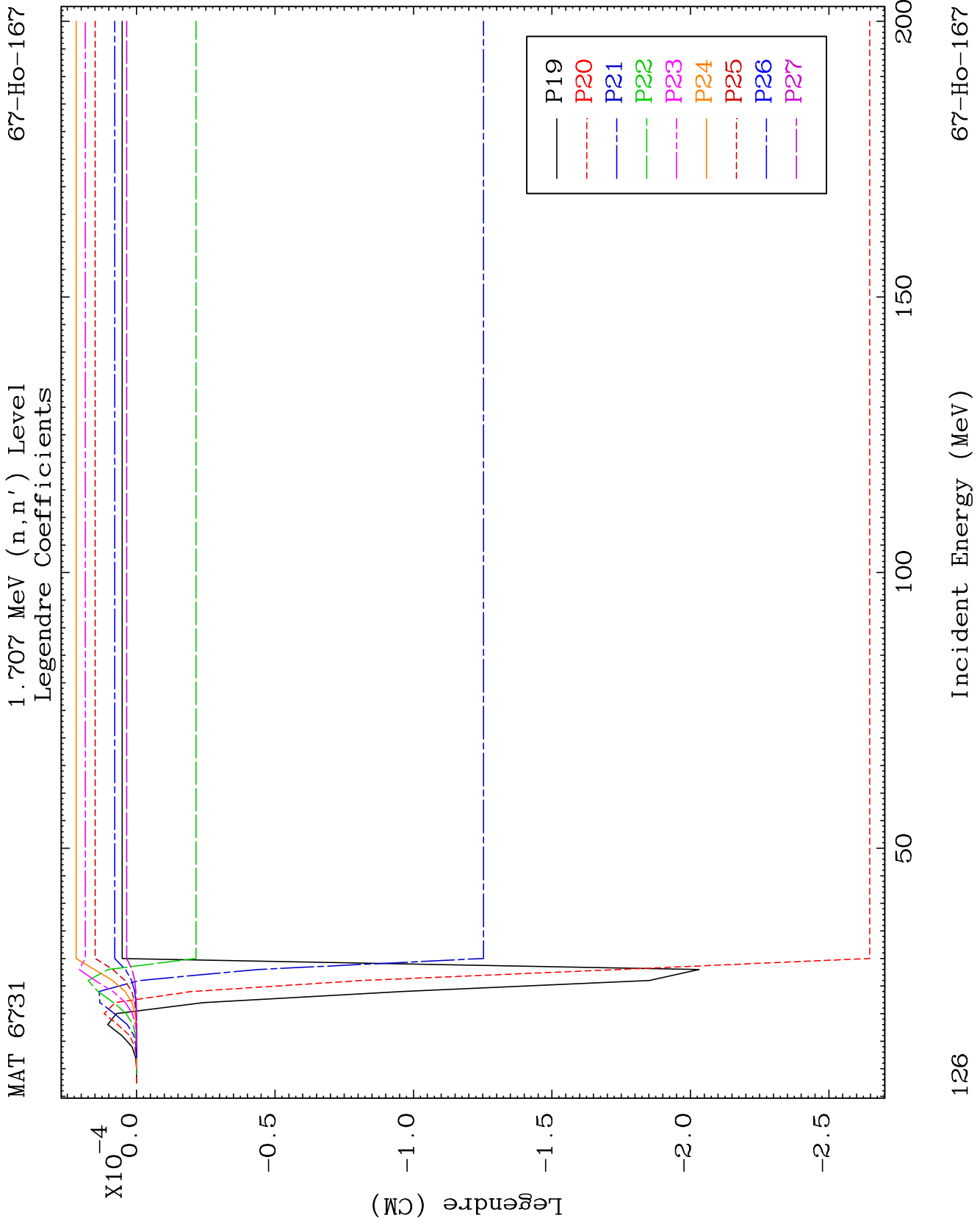
67-Ho-167

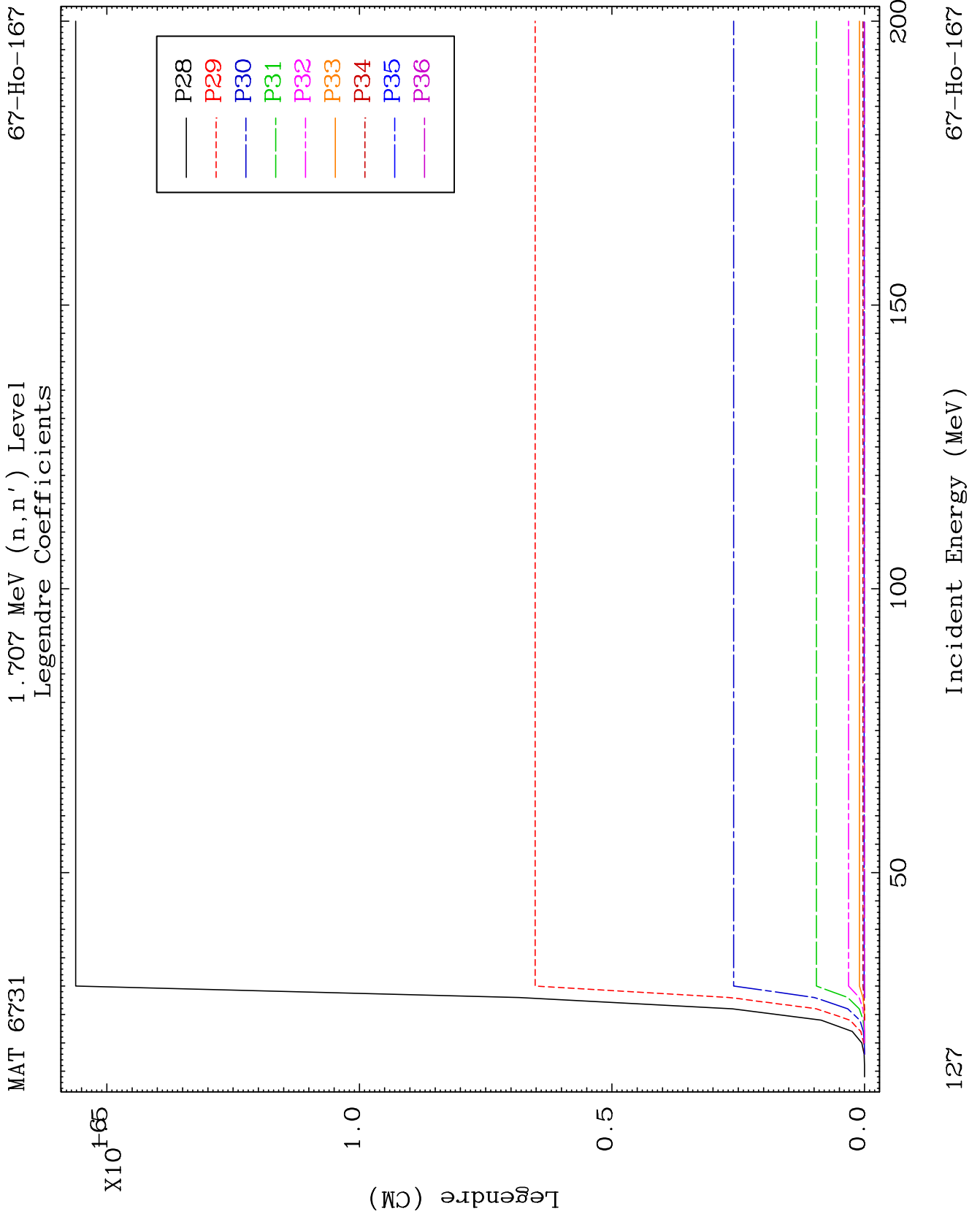


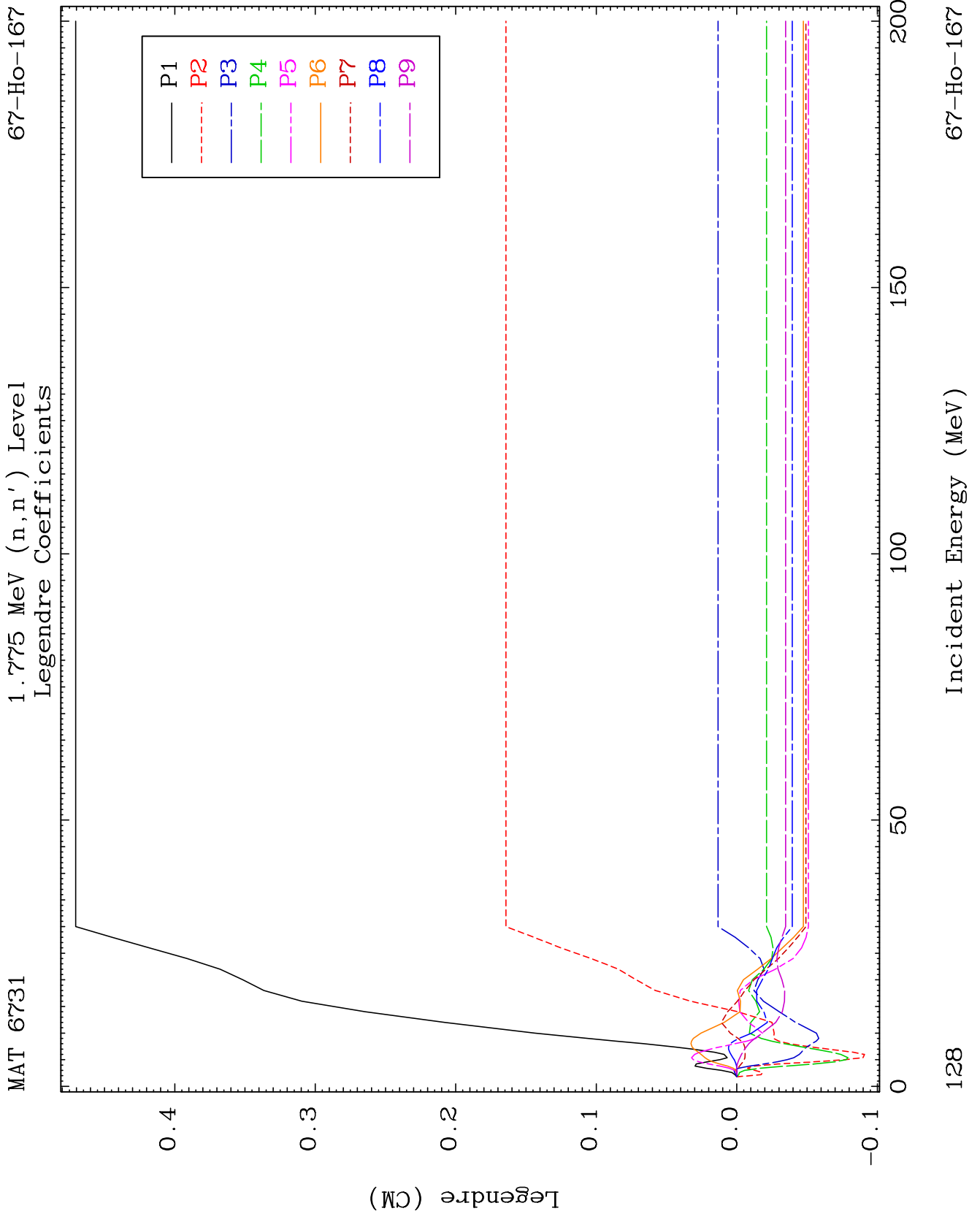
125

Incident Energy (MeV)

67-Ho-167



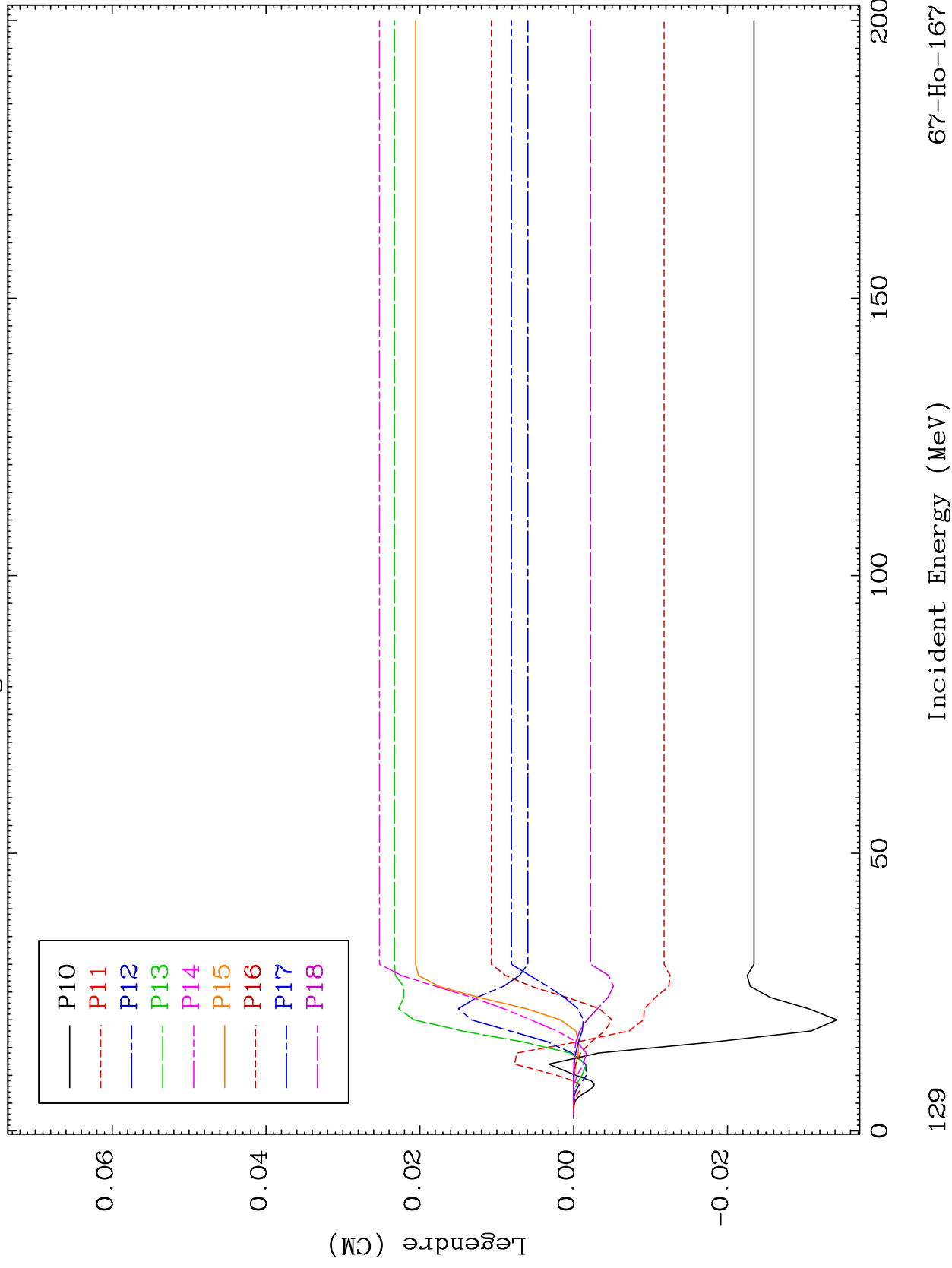




MAT 6731

1.775 MeV (n,n') Level
Legendre Coefficients

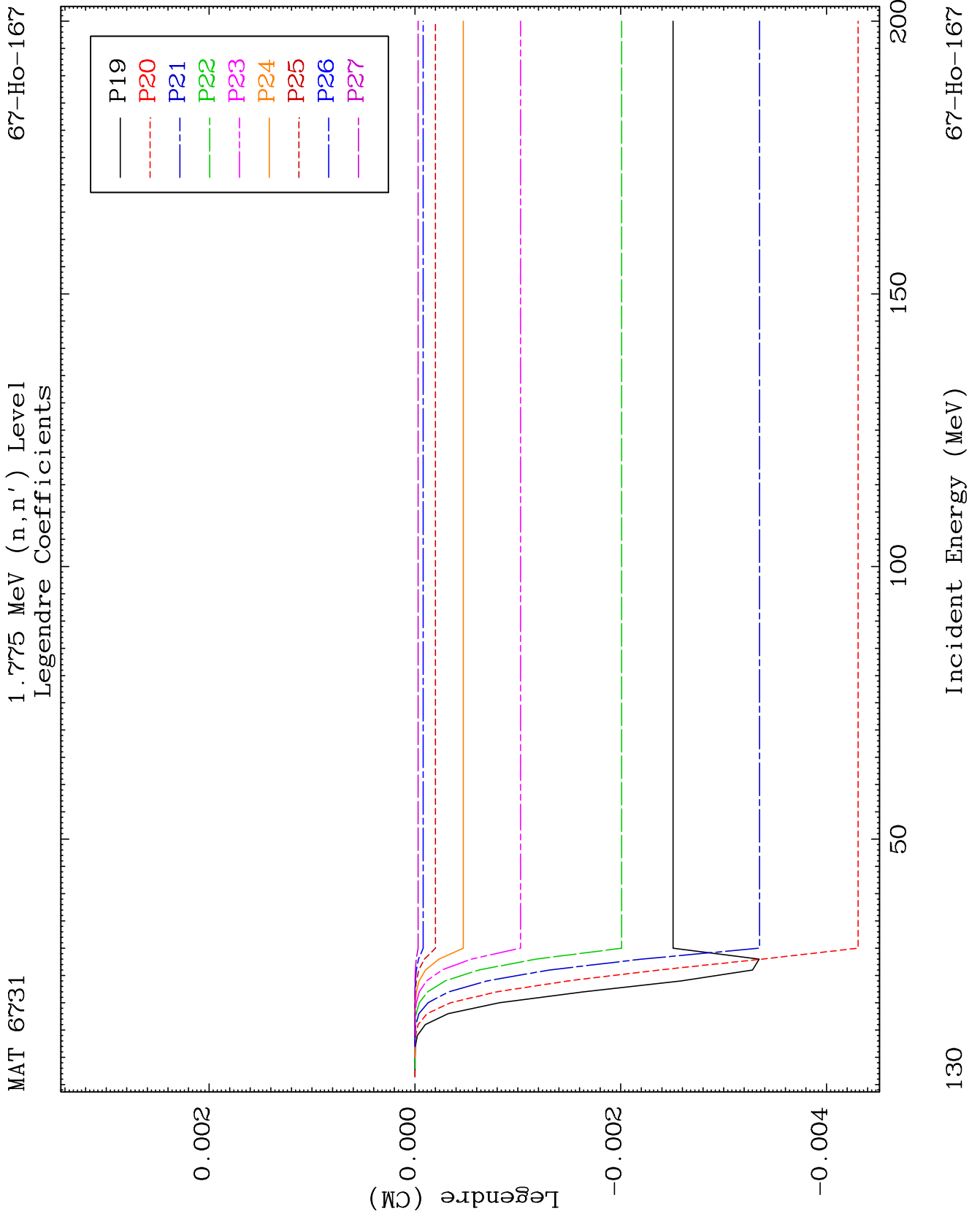
67-Ho-167

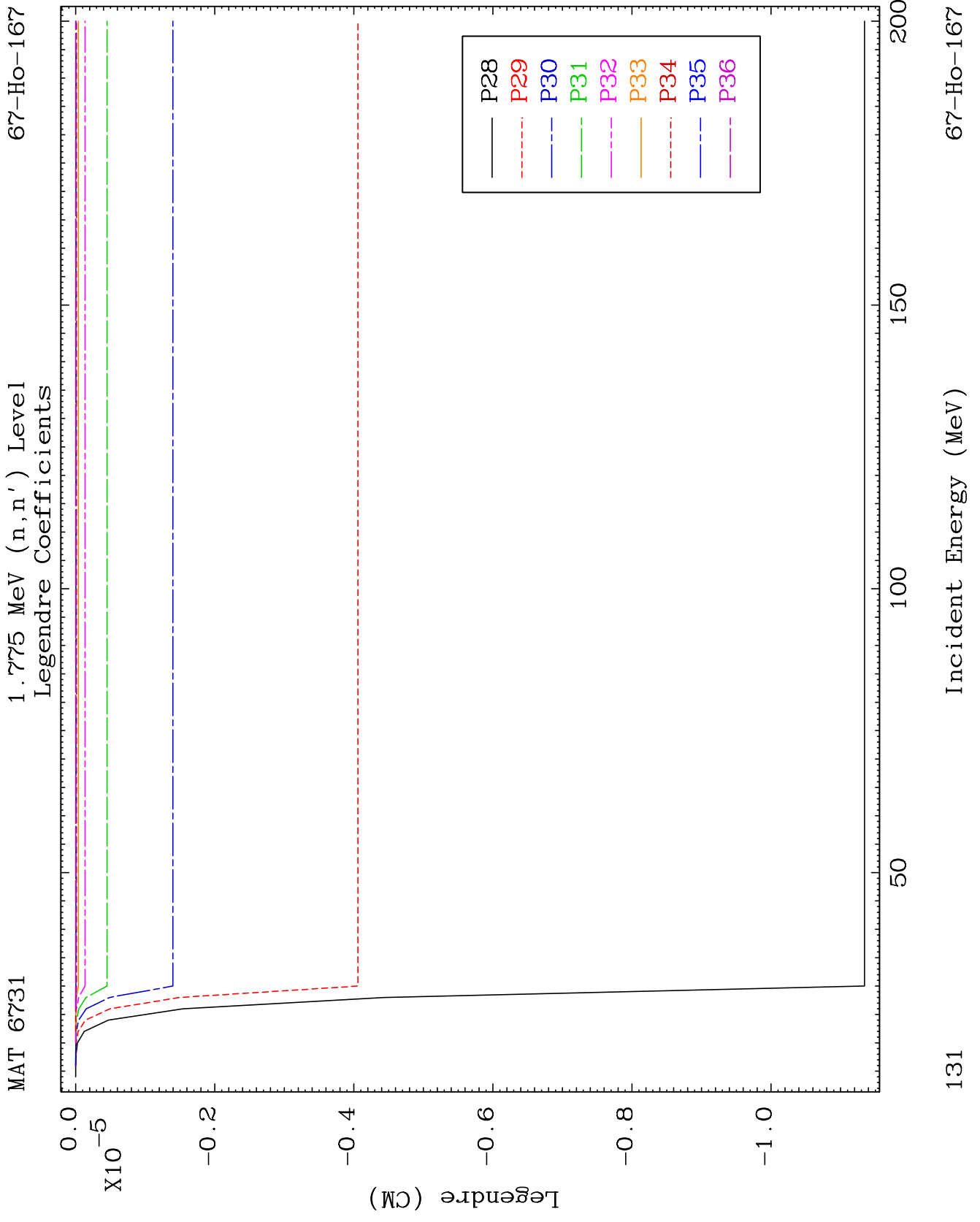


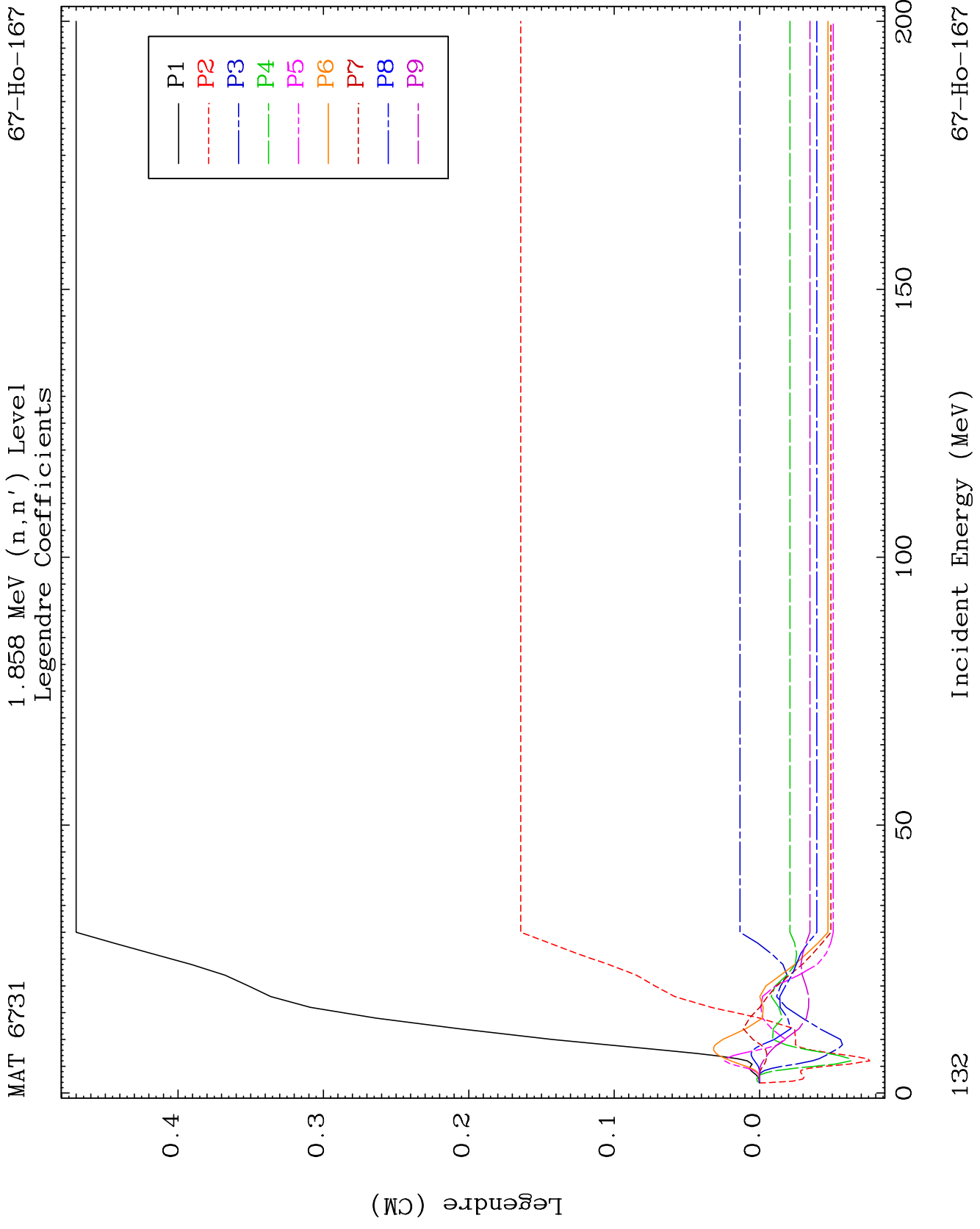
67-Ho-167

Incident Energy (MeV)

129



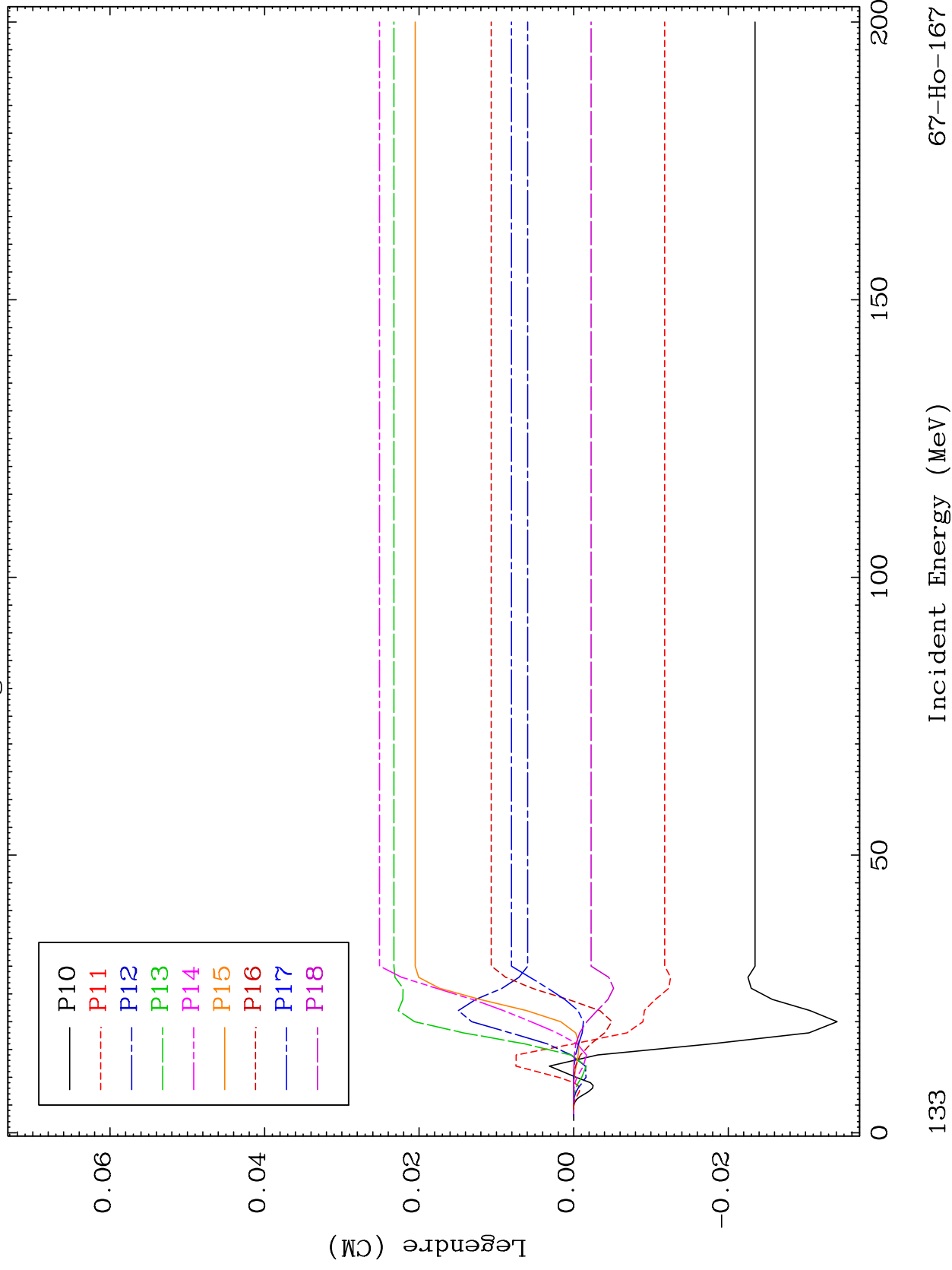




MAT 6731

1.858 MeV (n,n') Level
Legendre Coefficients

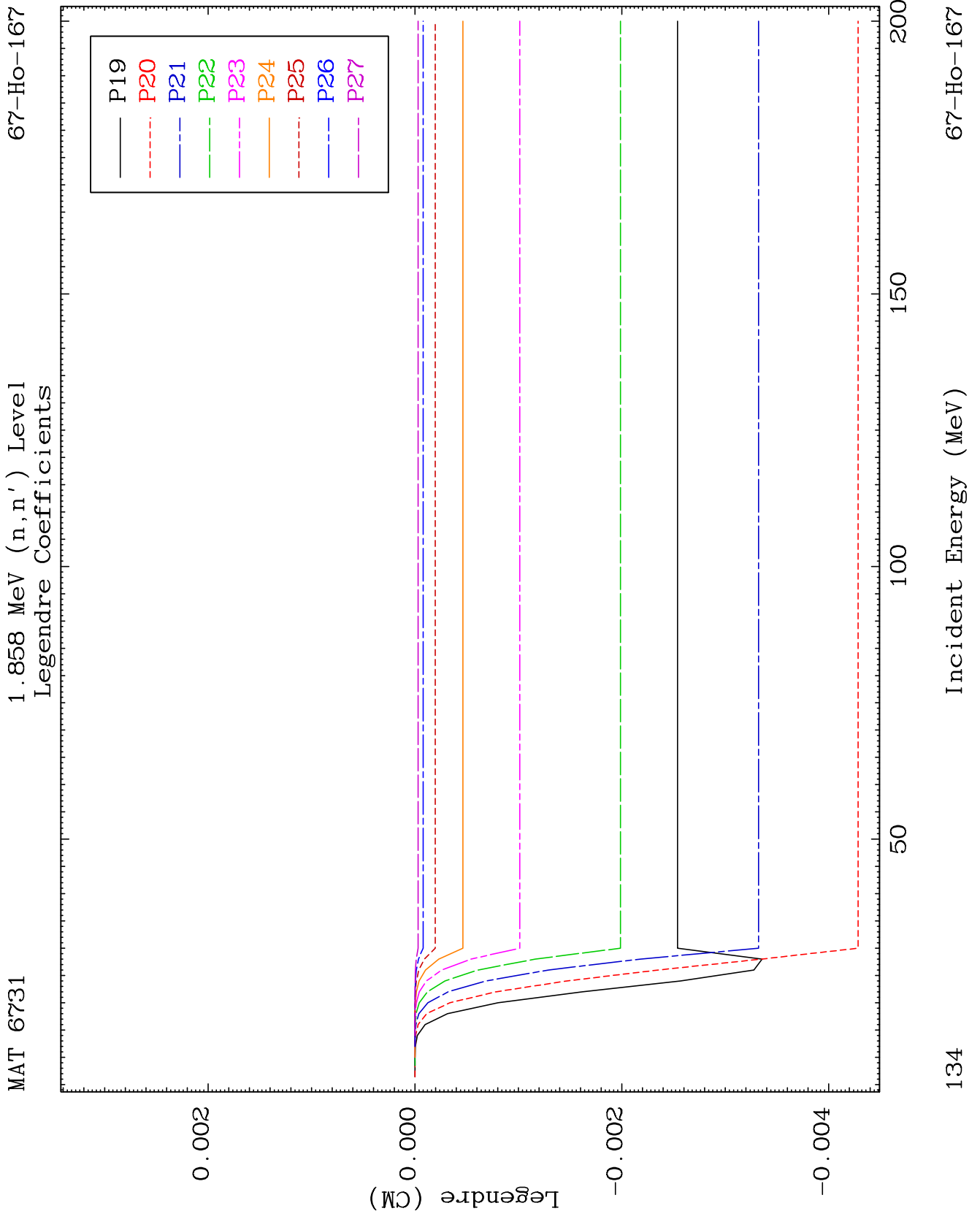
67-Ho-167

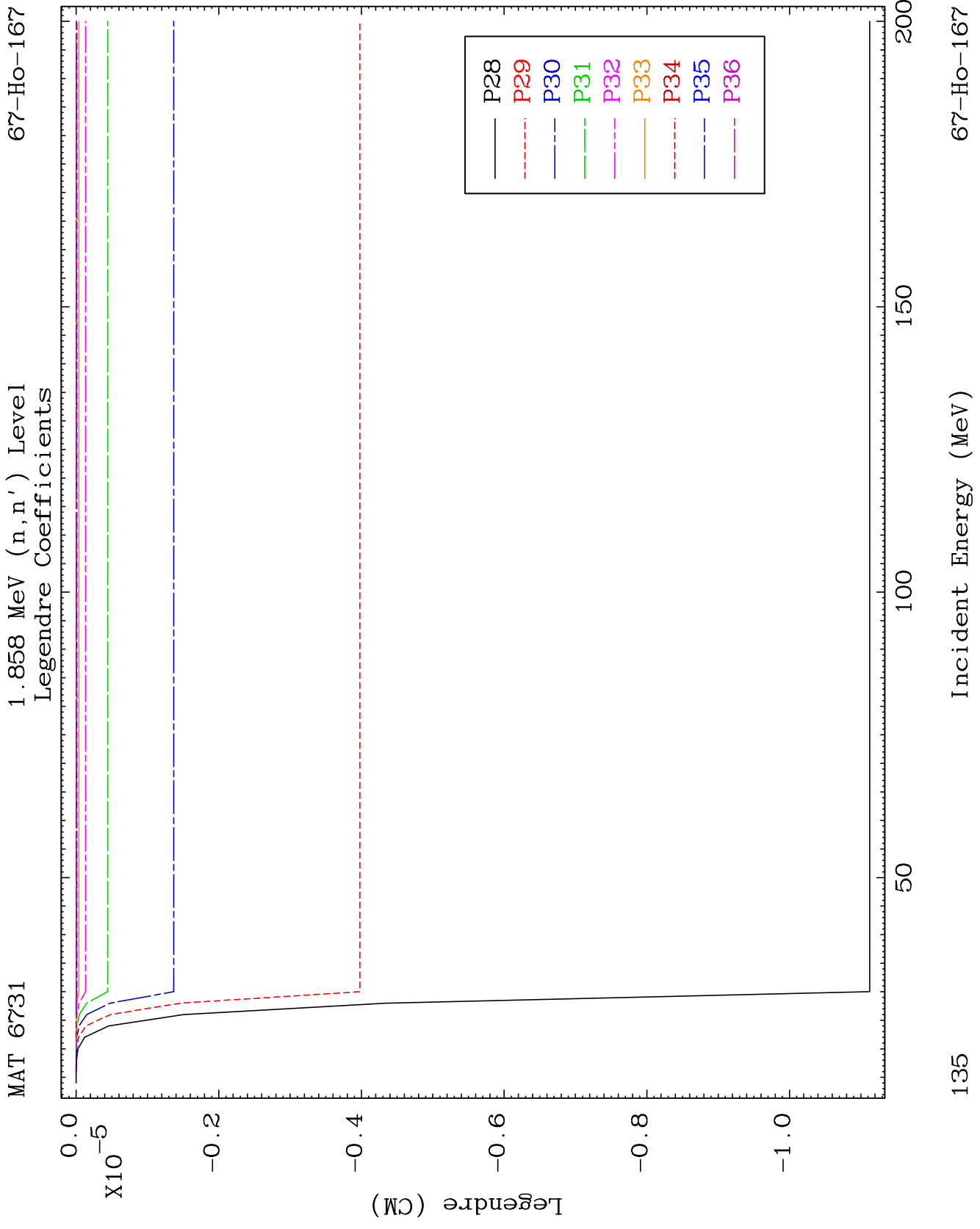


133

Incident Energy (MeV)

67-Ho-167

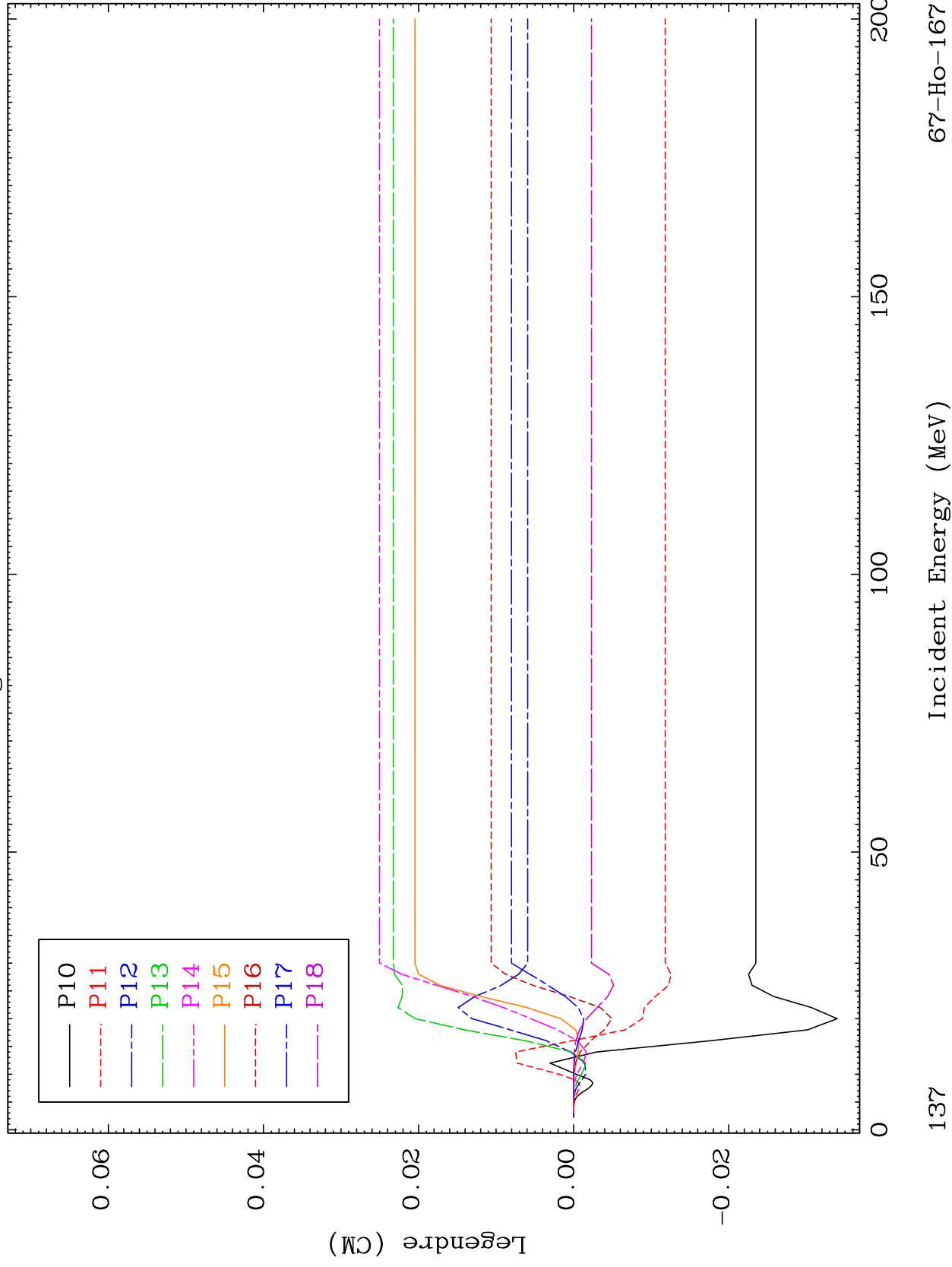




MAT 6731

1.919 MeV (n,n') Level
Legendre Coefficients

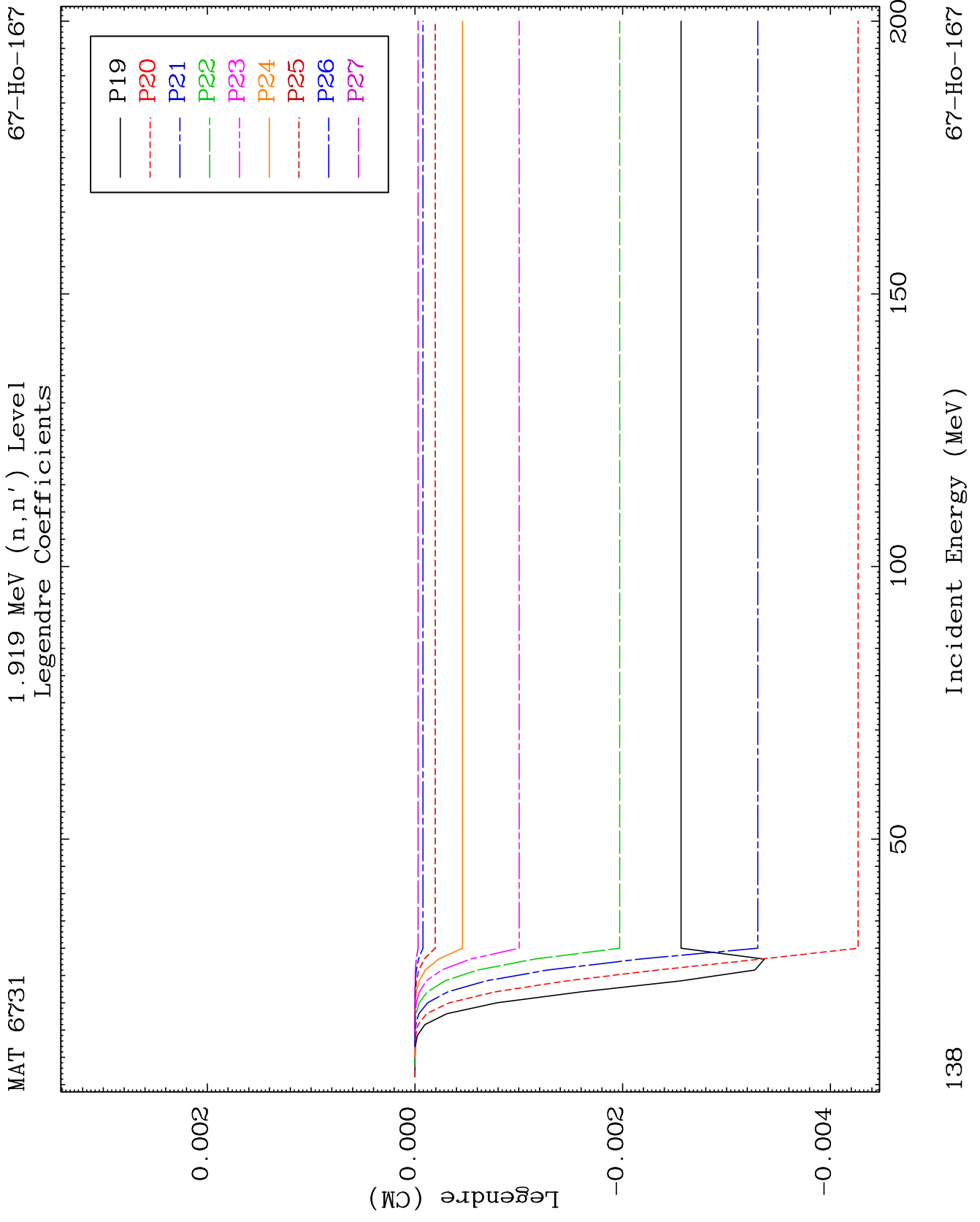
67-Ho-167

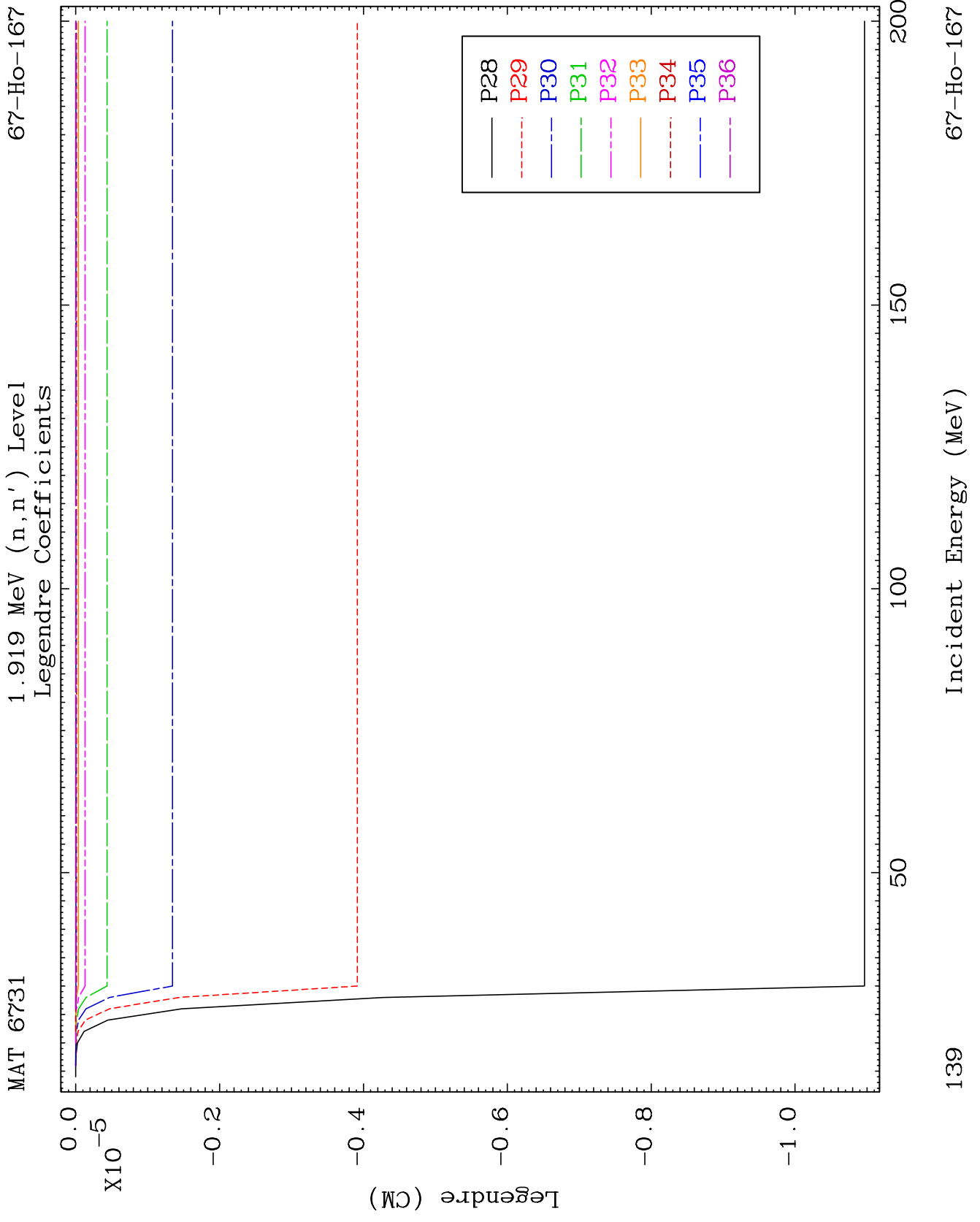


137

Incident Energy (MeV)

67-Ho-167

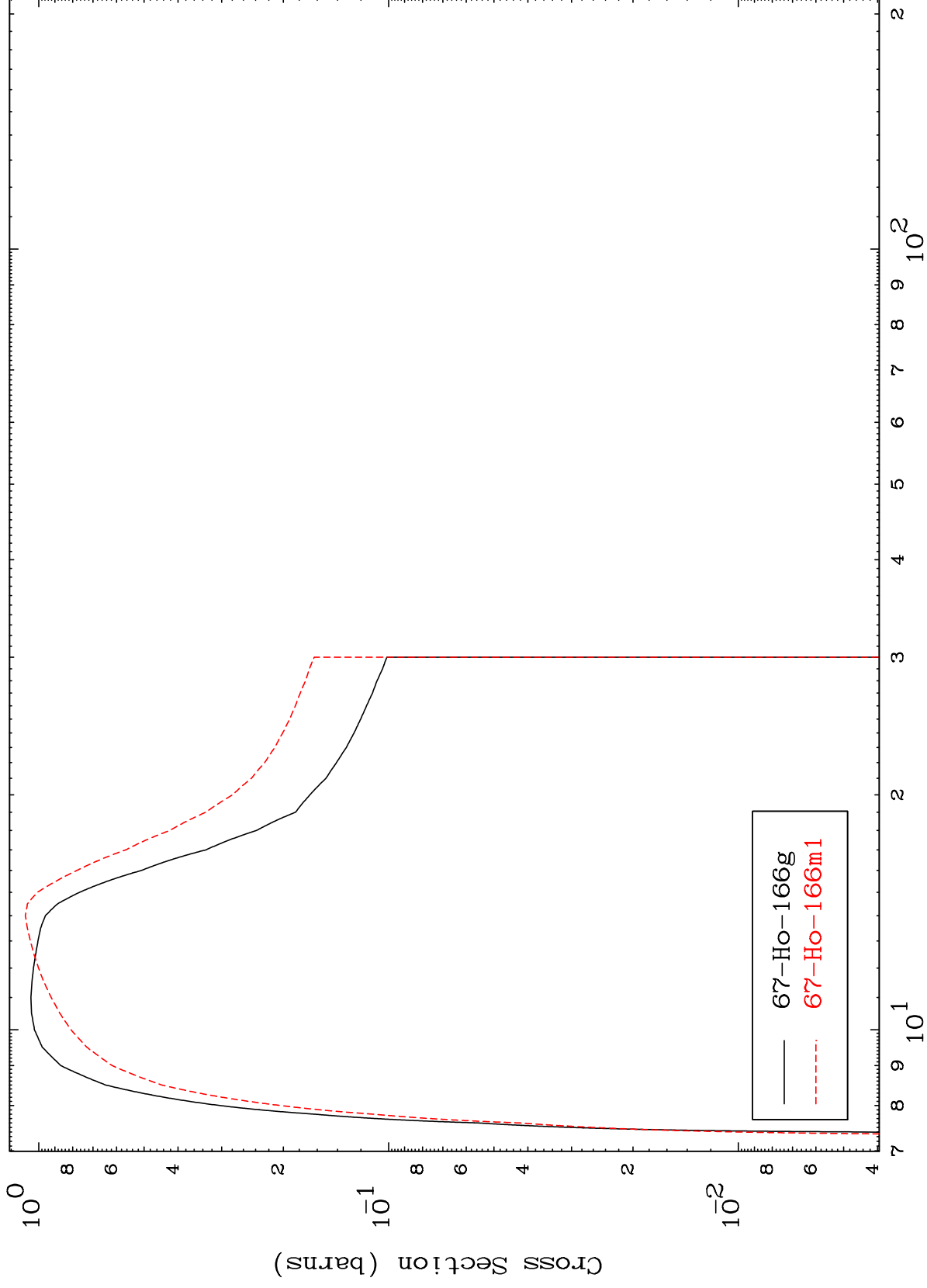




MAT 6731

67-Ho-167

(n,2n)
Radionuclide Production Cross Section



140

Incident Energy (MeV)

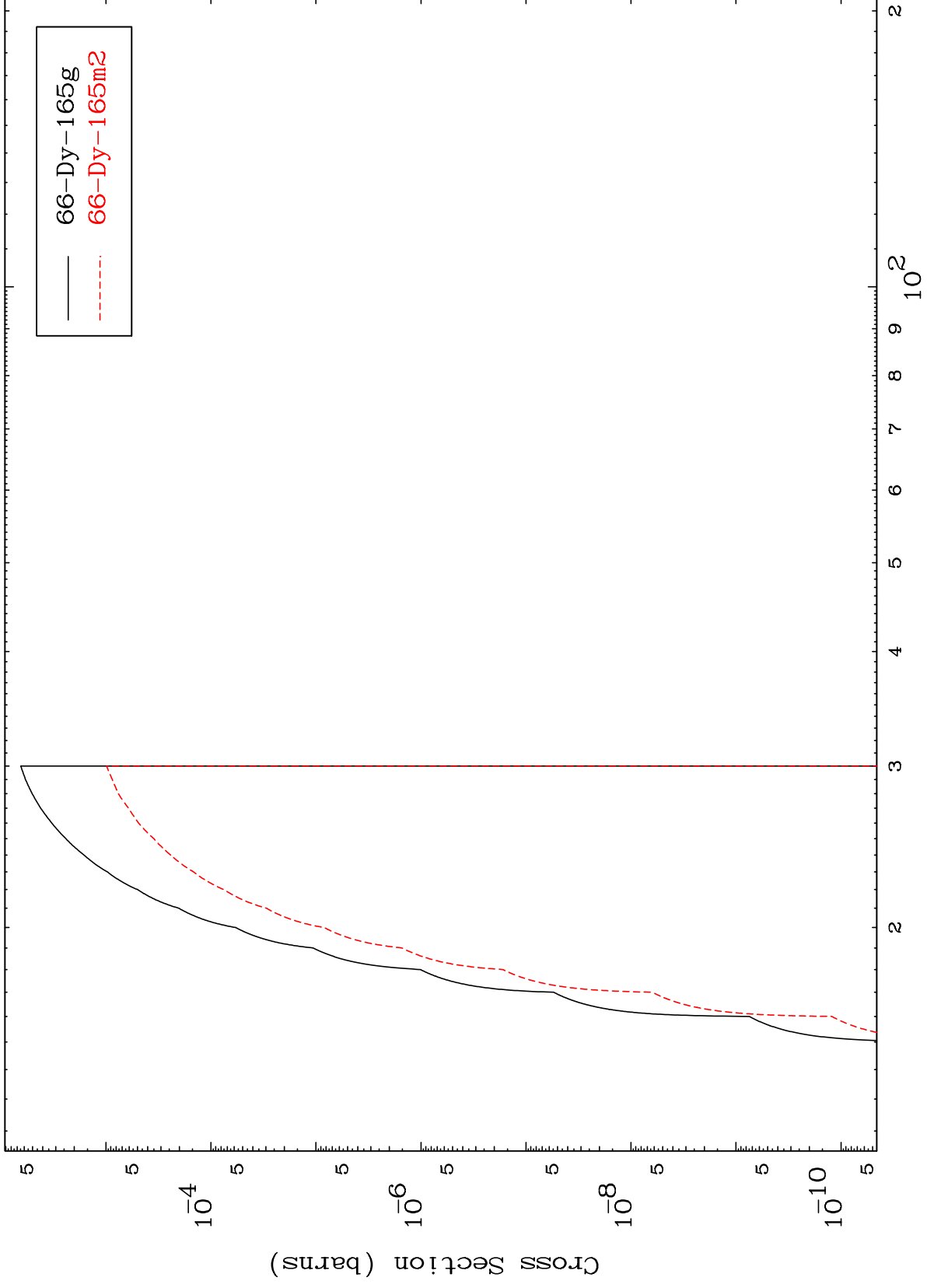
67-Ho-167

MAT 6731

(n,n') d

67-Ho-167

Radionuclide Production Cross Section



141

Incident Energy (MeV)

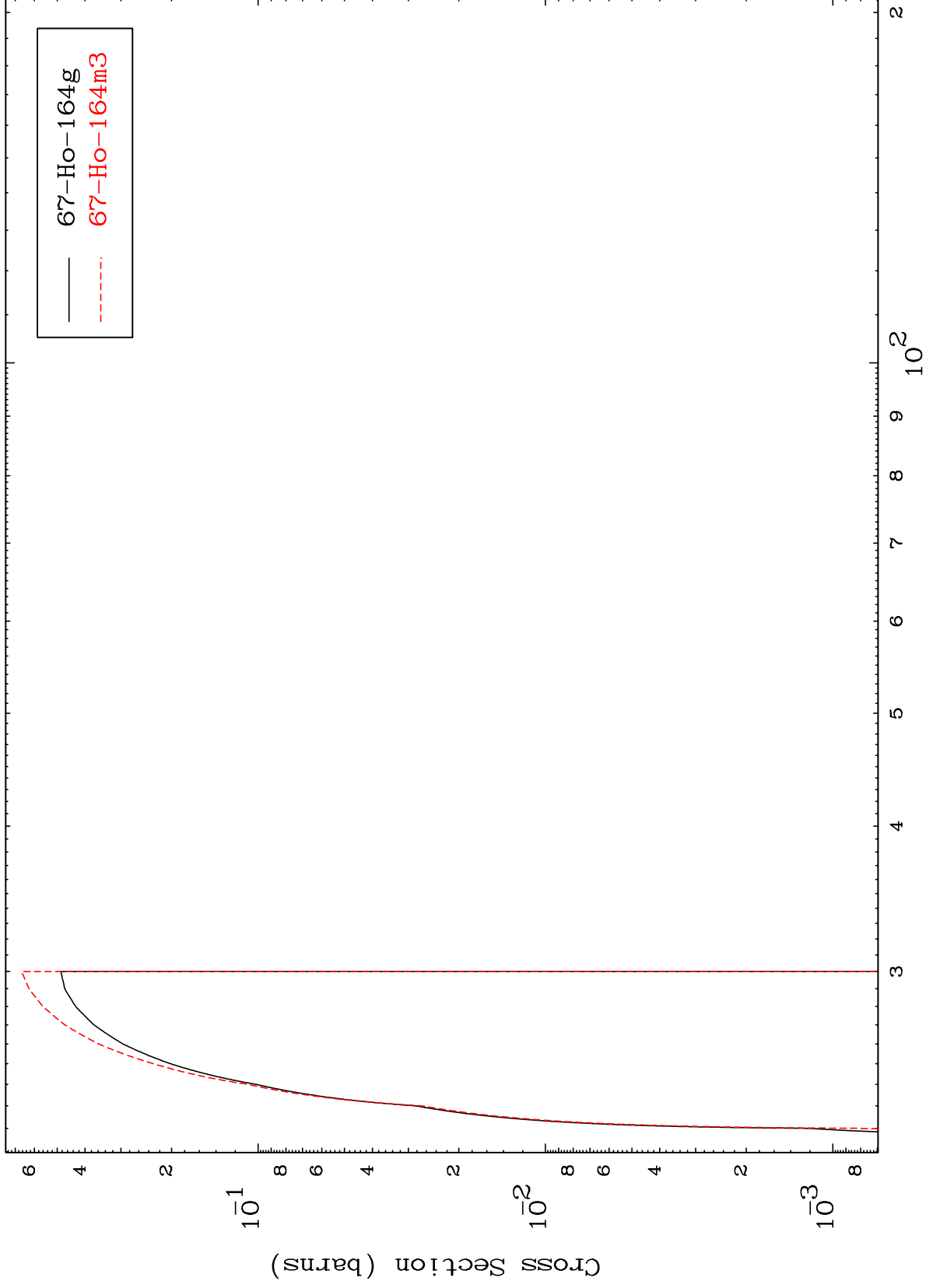
67-Ho-167

MAT 6731

(n,4n)

67-Ho-167

Radionuclide Production Cross Section



142

Incident Energy (MeV)

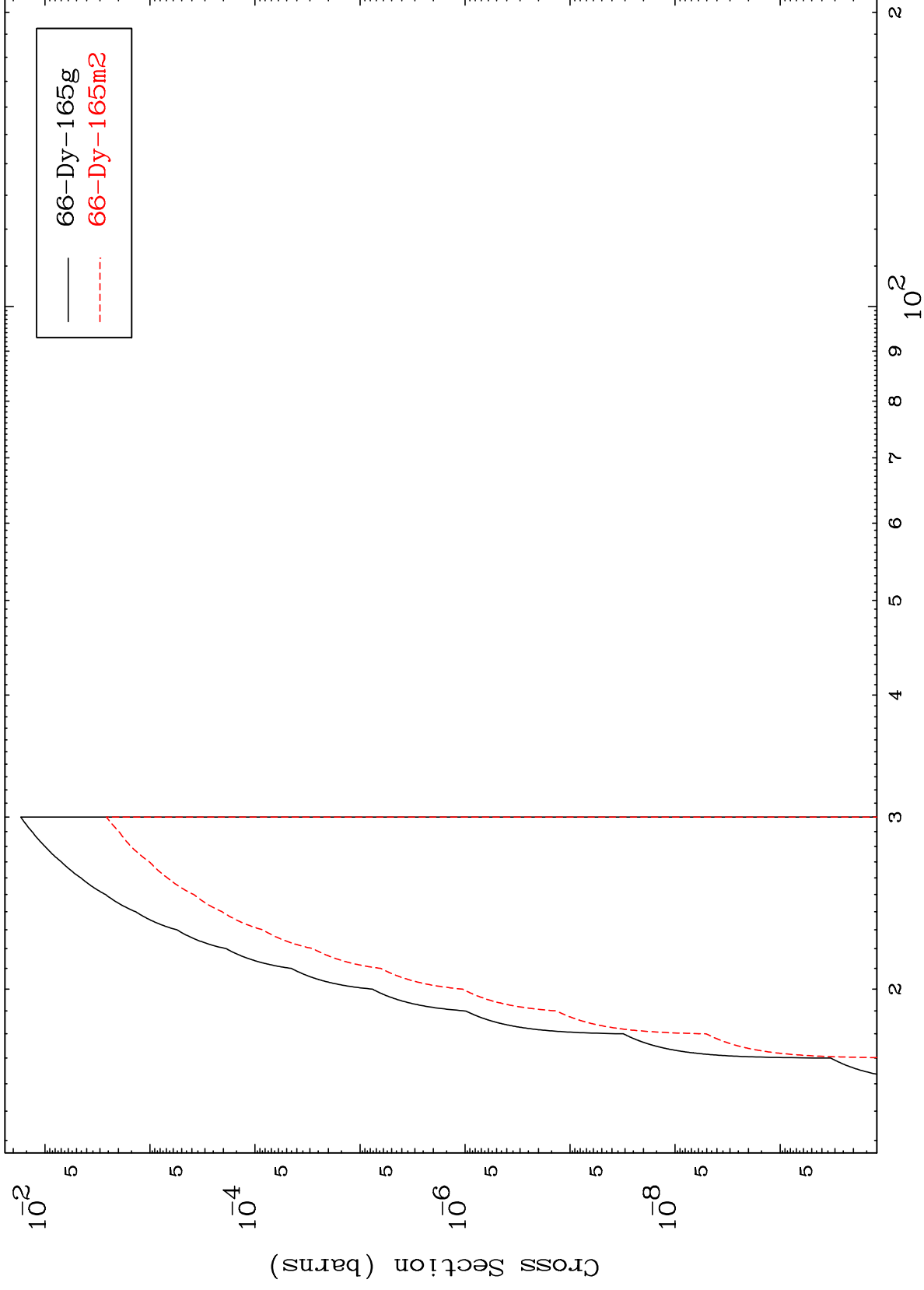
67-Ho-167

MAT 6731

(n,2n) p

67-Ho-167

Radionuclide Production Cross Section



143

Incident Energy (MeV)

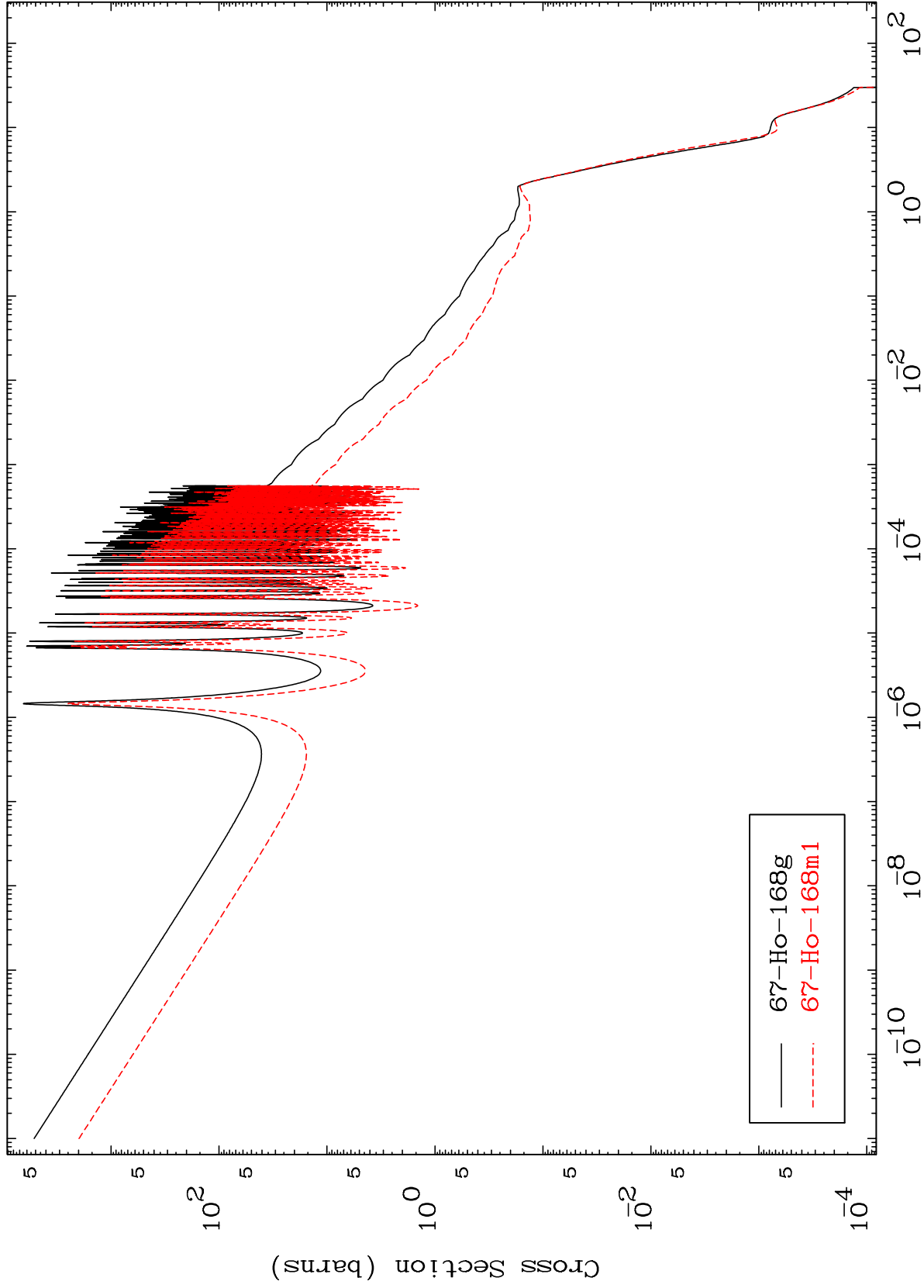
67-Ho-167

MAT 6731

$^{67}\text{Ho-167}$

Radionuclide Production Cross Section

(n, γ)



$^{67}\text{Ho-167}$

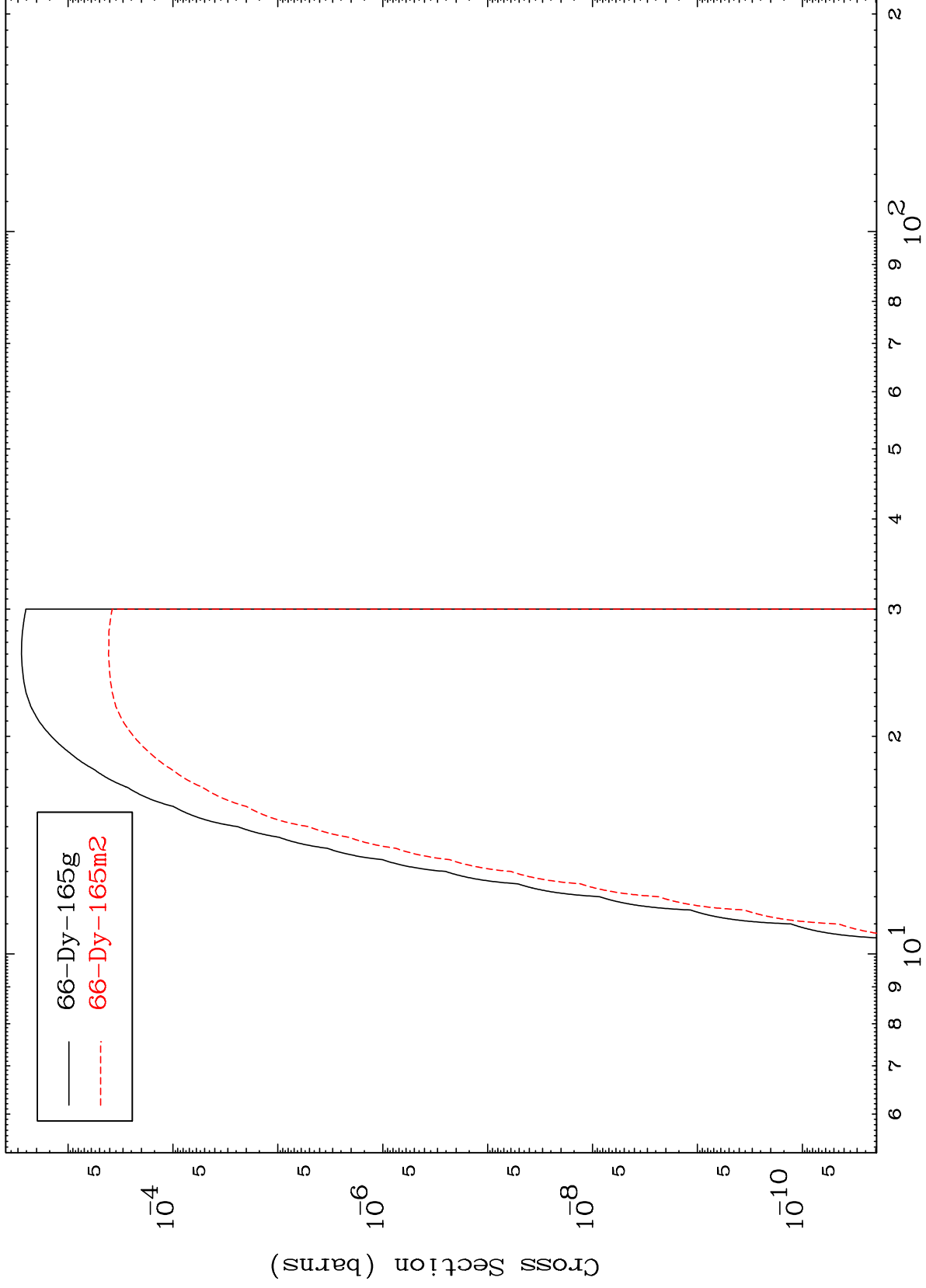
Incident Energy (MeV)

144

MAT 6731

67-Ho-167

Radionuclide Production Cross Section
(n, t)



145

Incident Energy (MeV)

67-Ho-167