

Program EVALPLOT  
(Version 2015-2)

by

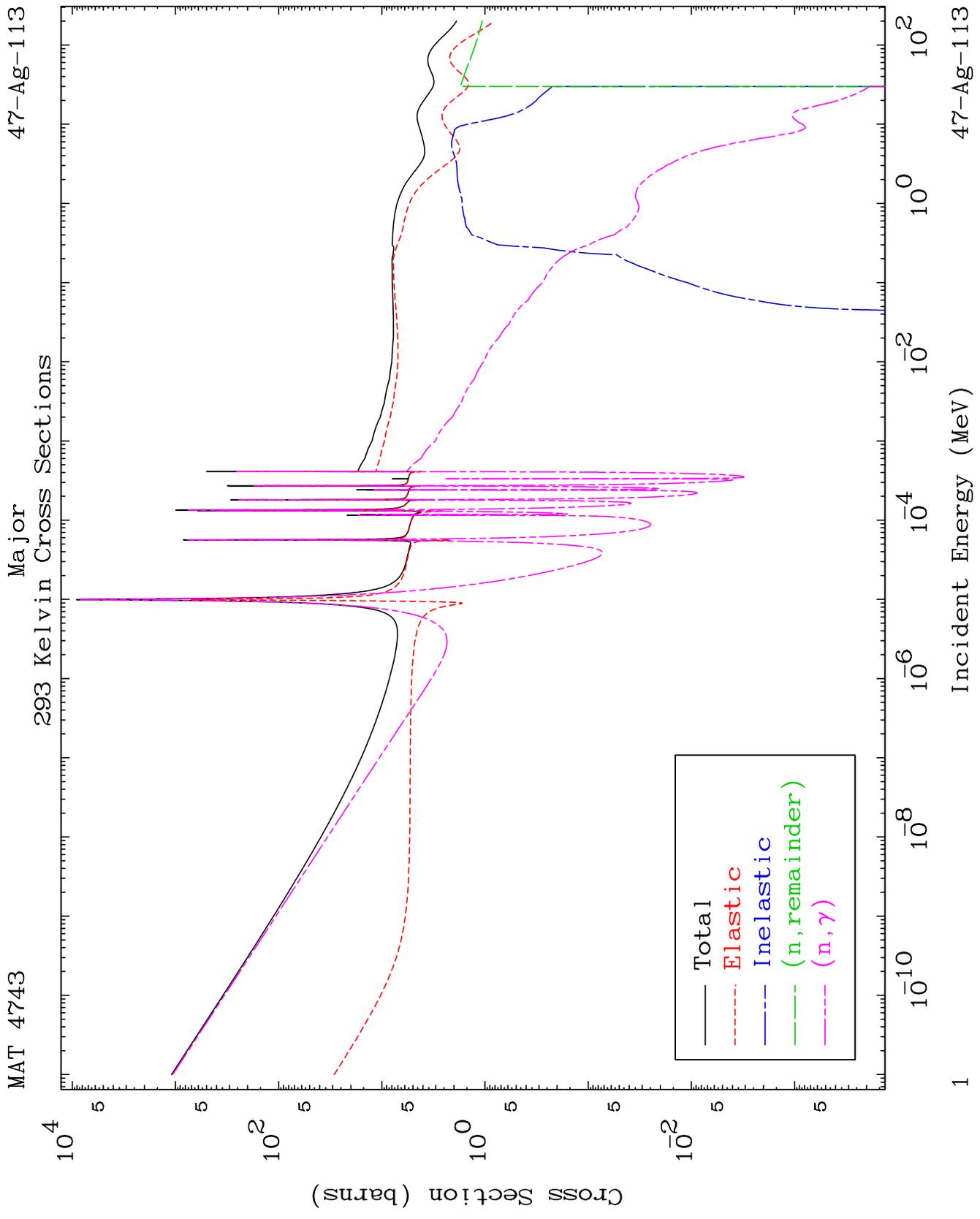
Dermott E. Cullen  
(Present Contact Information)

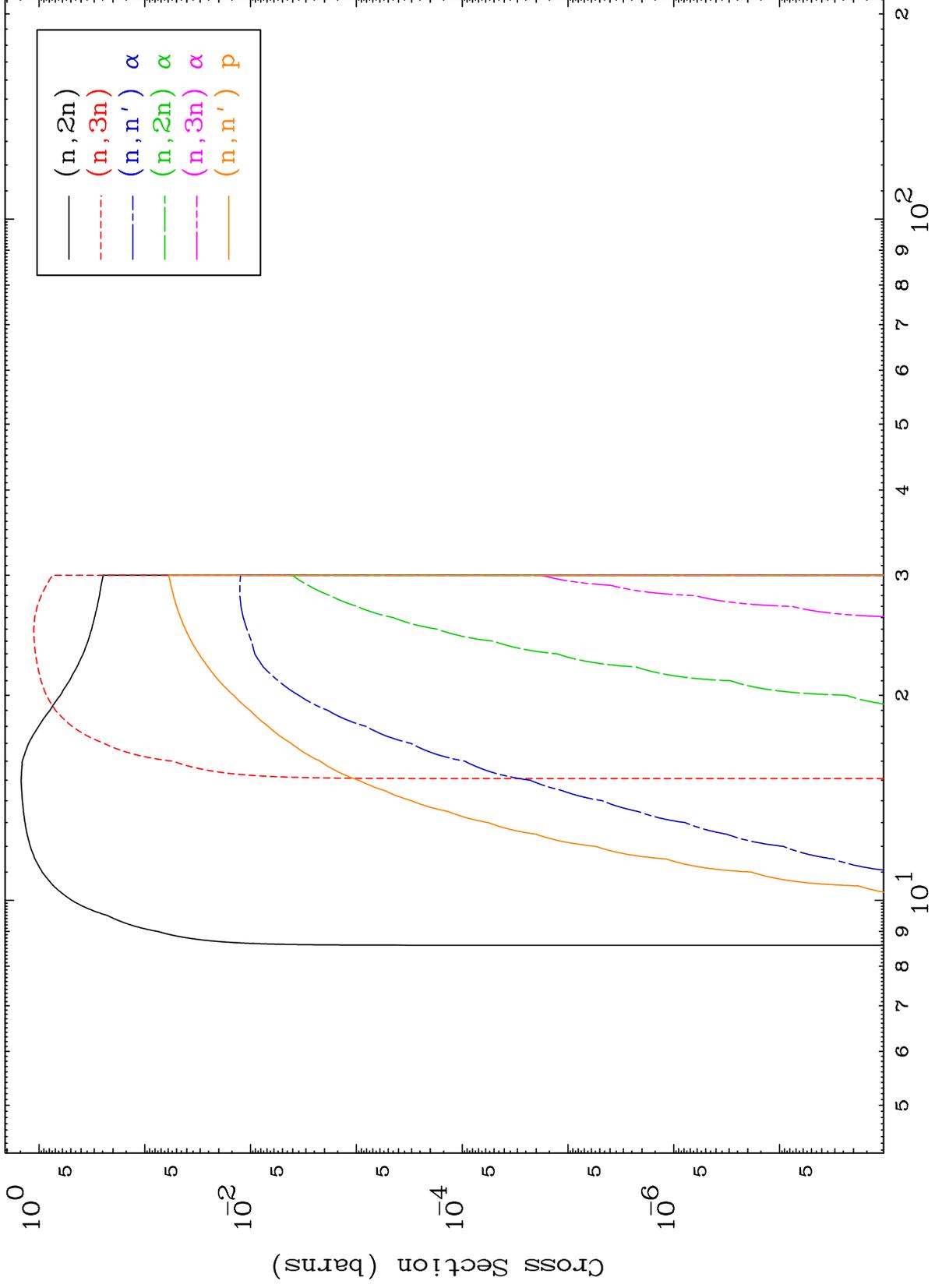
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

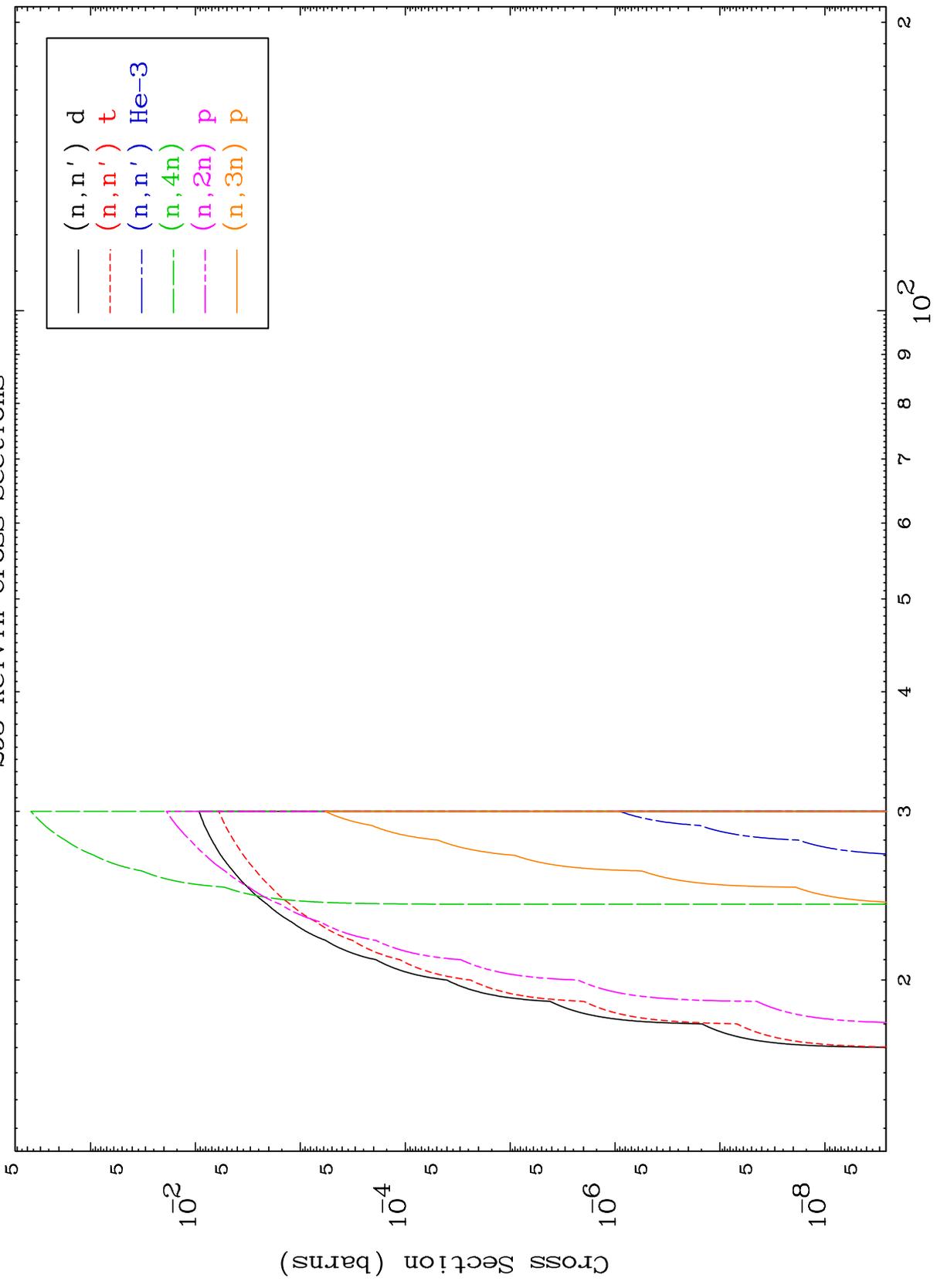
Tele: 925-443-1911

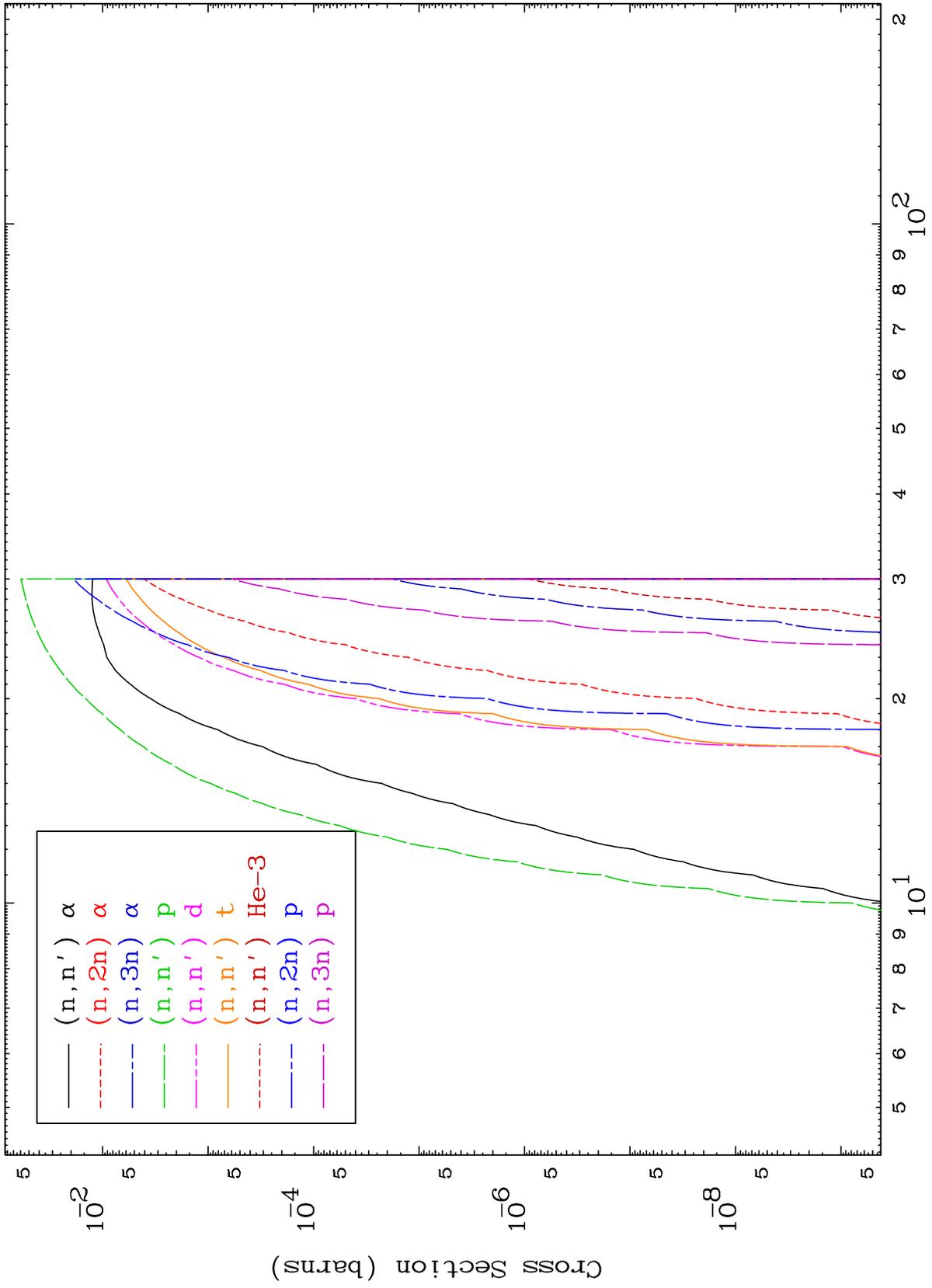
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start





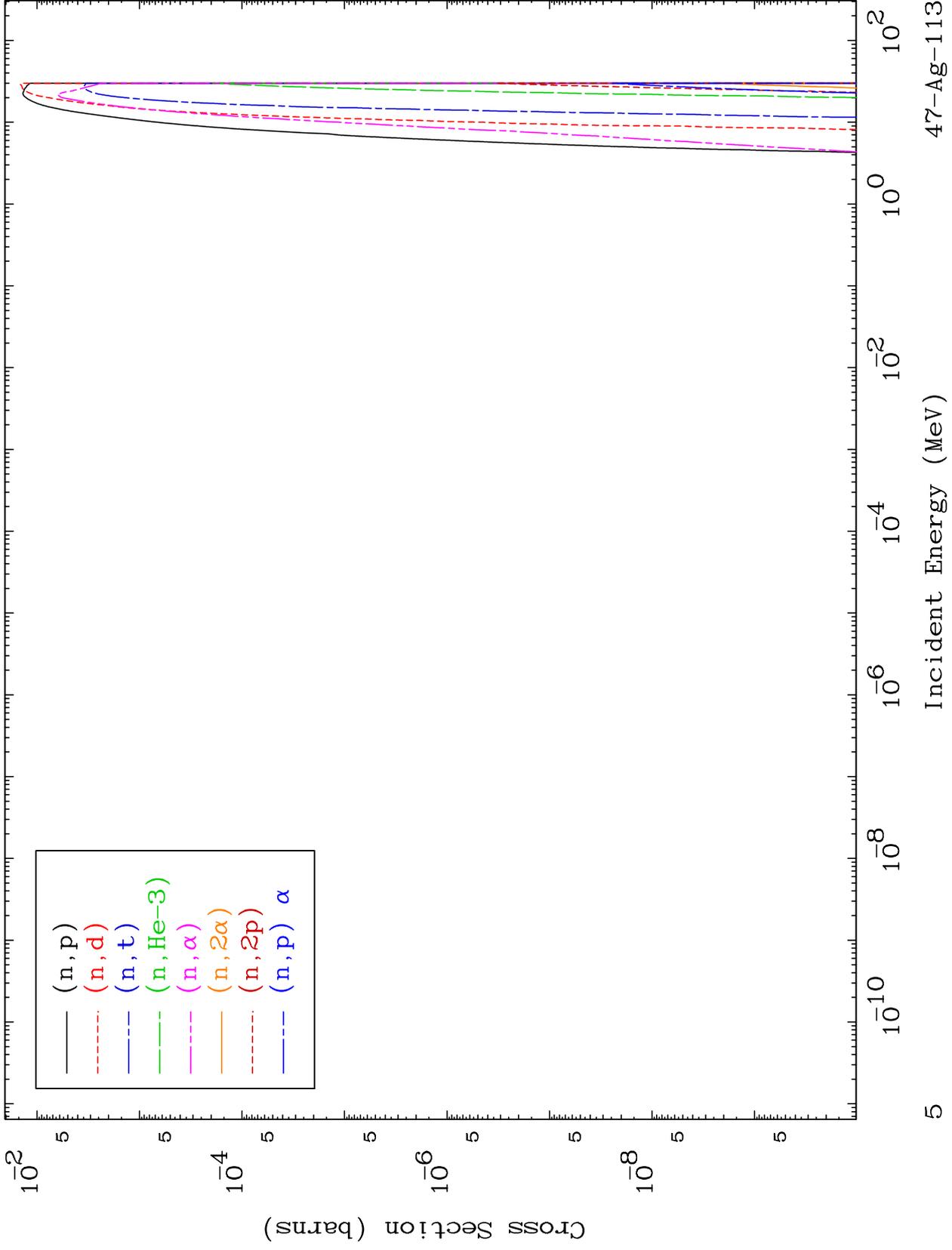




MAT 4743

Charged Particle  
293 Kelvin Cross Sections

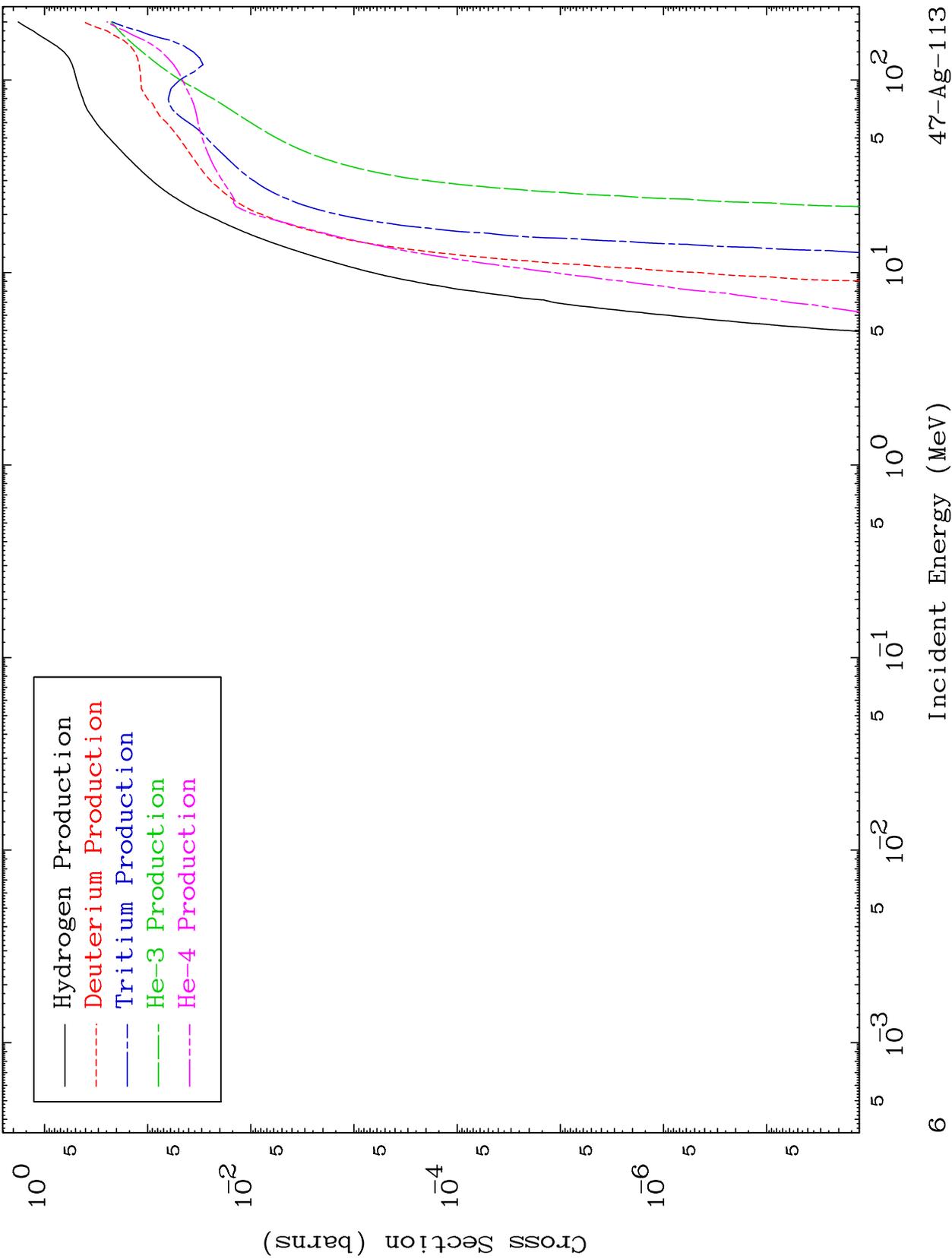
47-Ag-113



MAT 4743

Particle Production  
293 Kelvin Cross Sections

47-Ag-113



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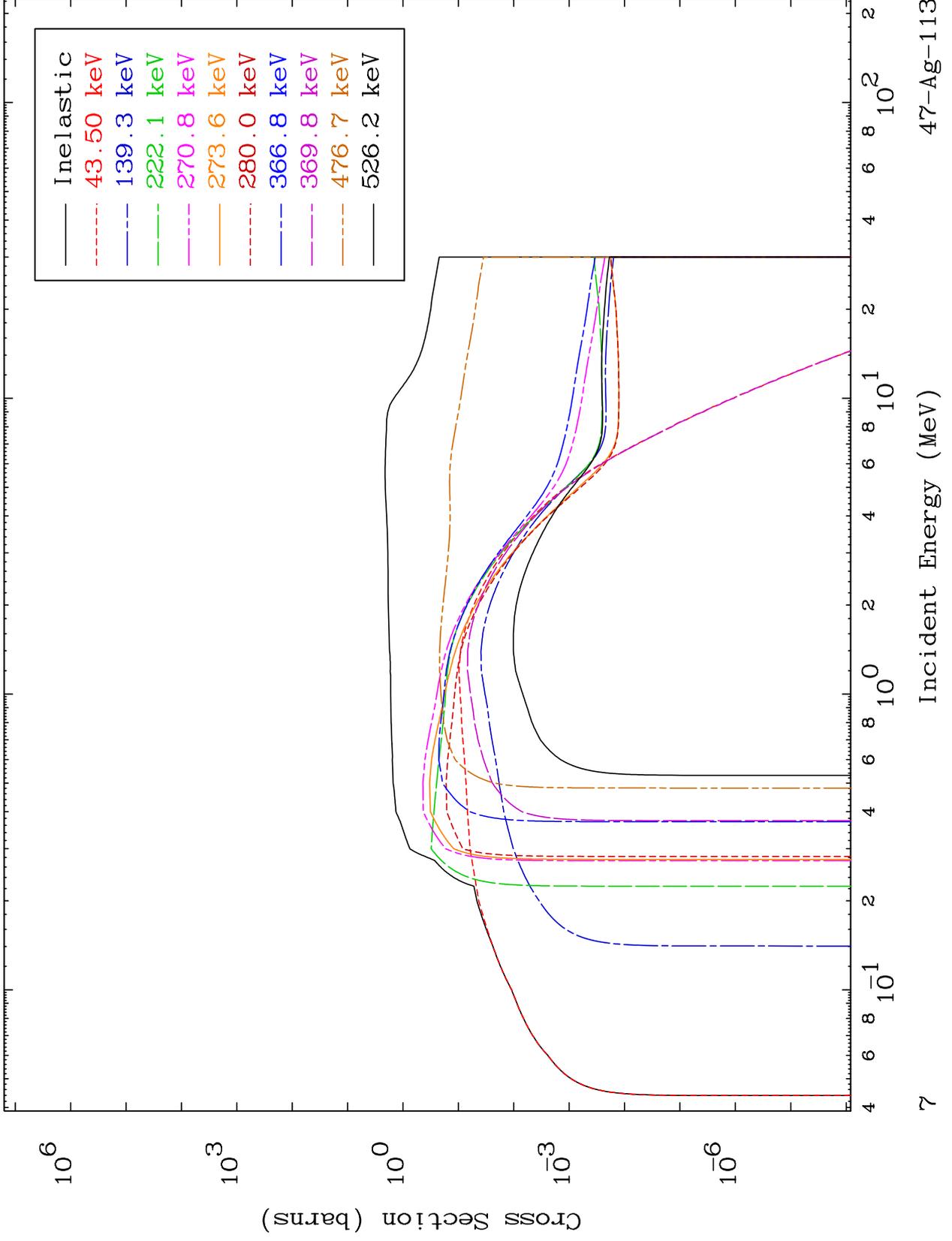
Incident Energy (MeV)

47-Ag-113

MAT 4743

(n,n') Level  
293 Kelvin Cross Sections

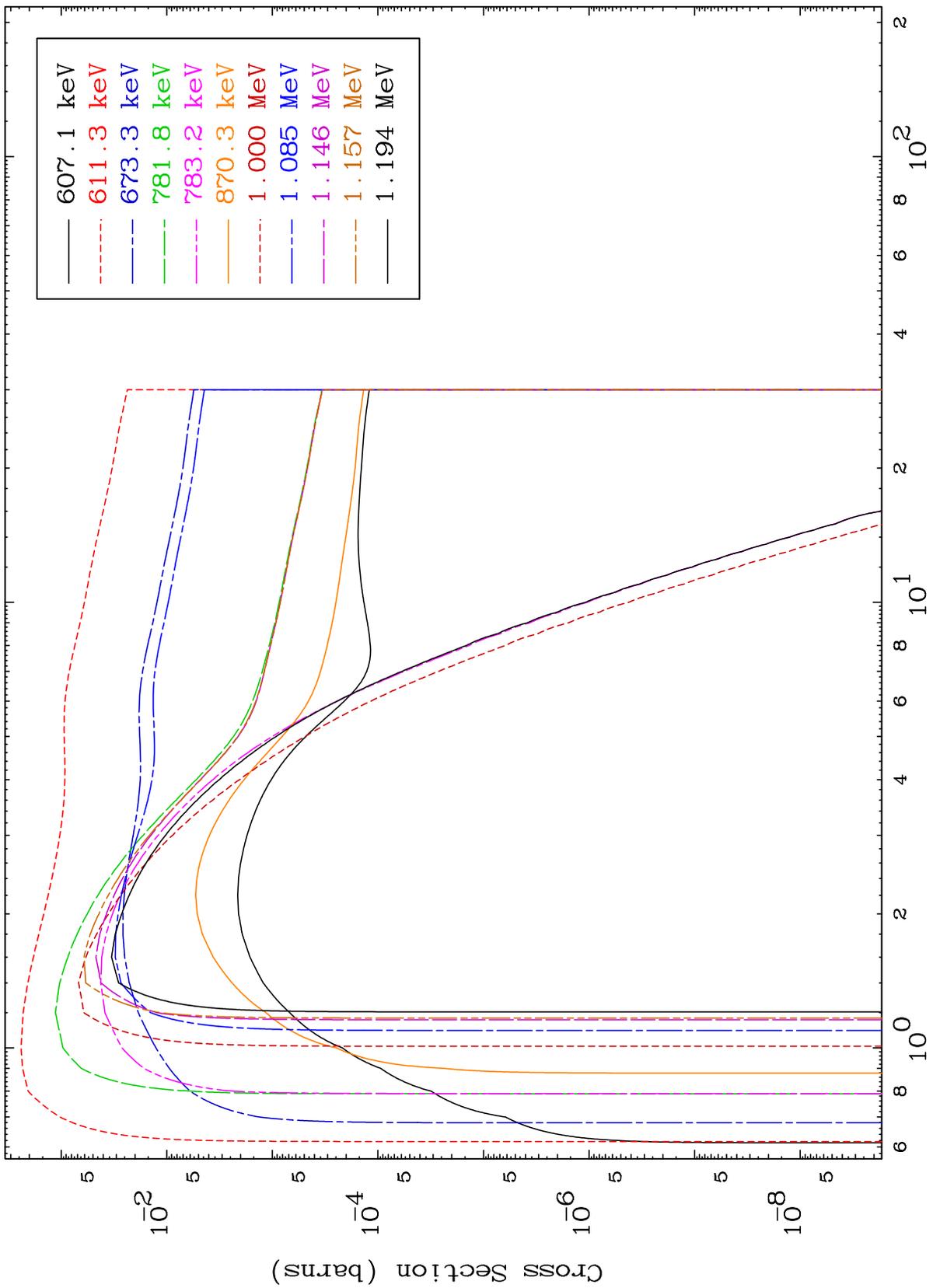
47-Ag-113



MAT 4743

(n,n') Level  
293 Kelvin Cross Sections

47-Ag-113



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Incident Energy (MeV)

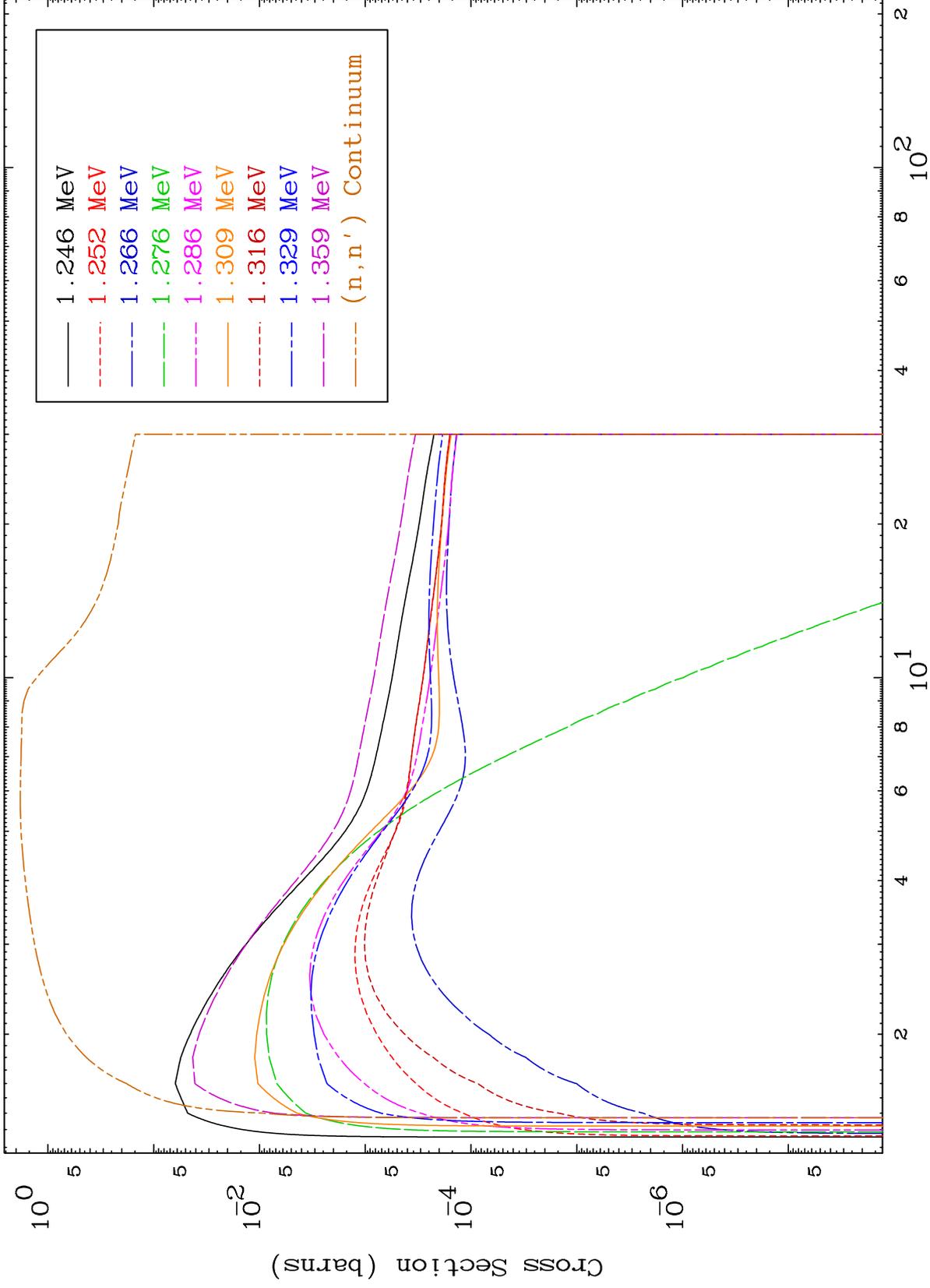
47-Ag-113

MAT 4743

(n,n') Level

47-Ag-113

293 Kelvin Cross Sections



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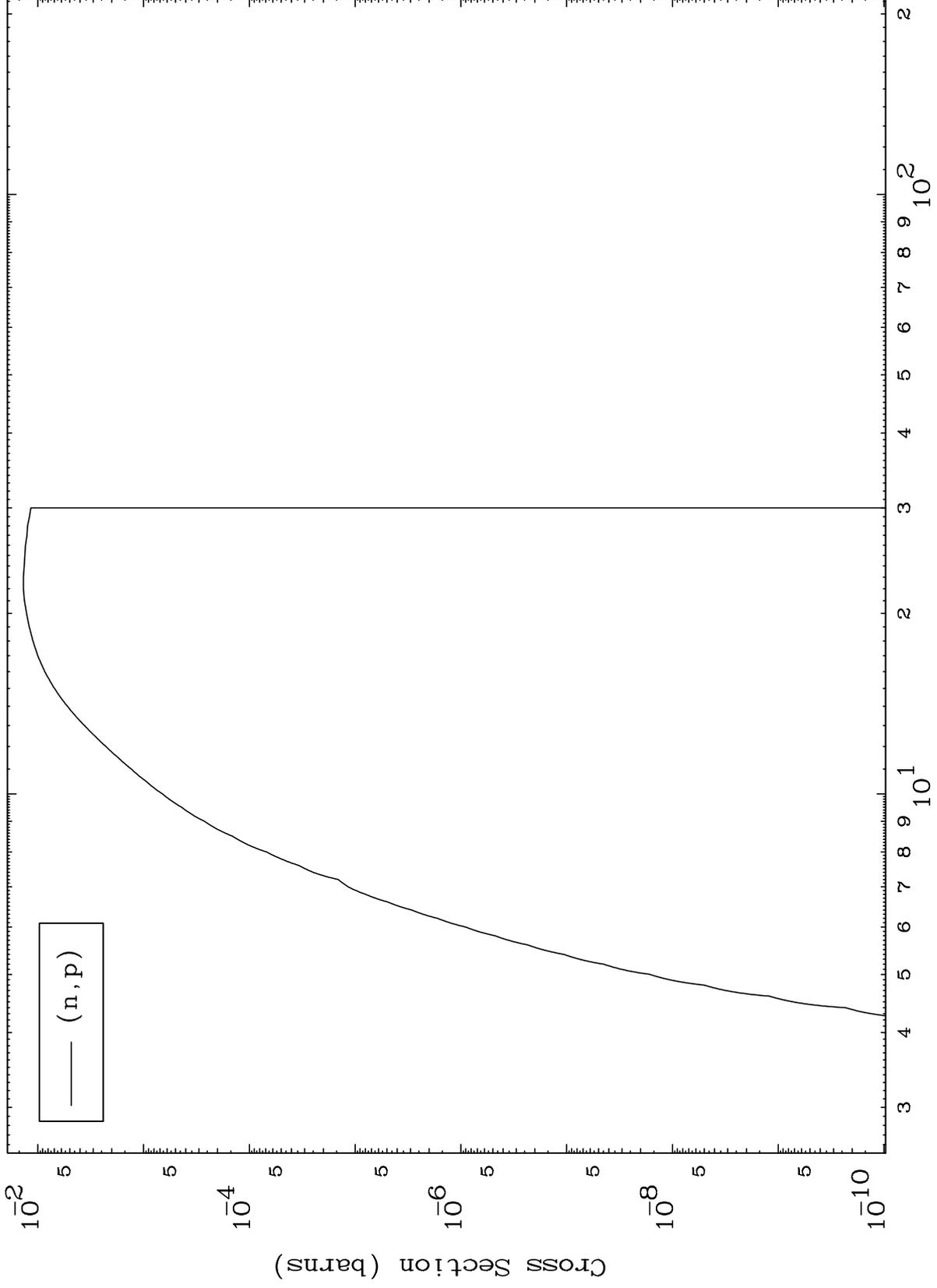
Incident Energy (MeV)

47-Ag-113

MAT 4743

(n,p) Levels  
293 Kelvin Cross Sections

47-Ag-113



10

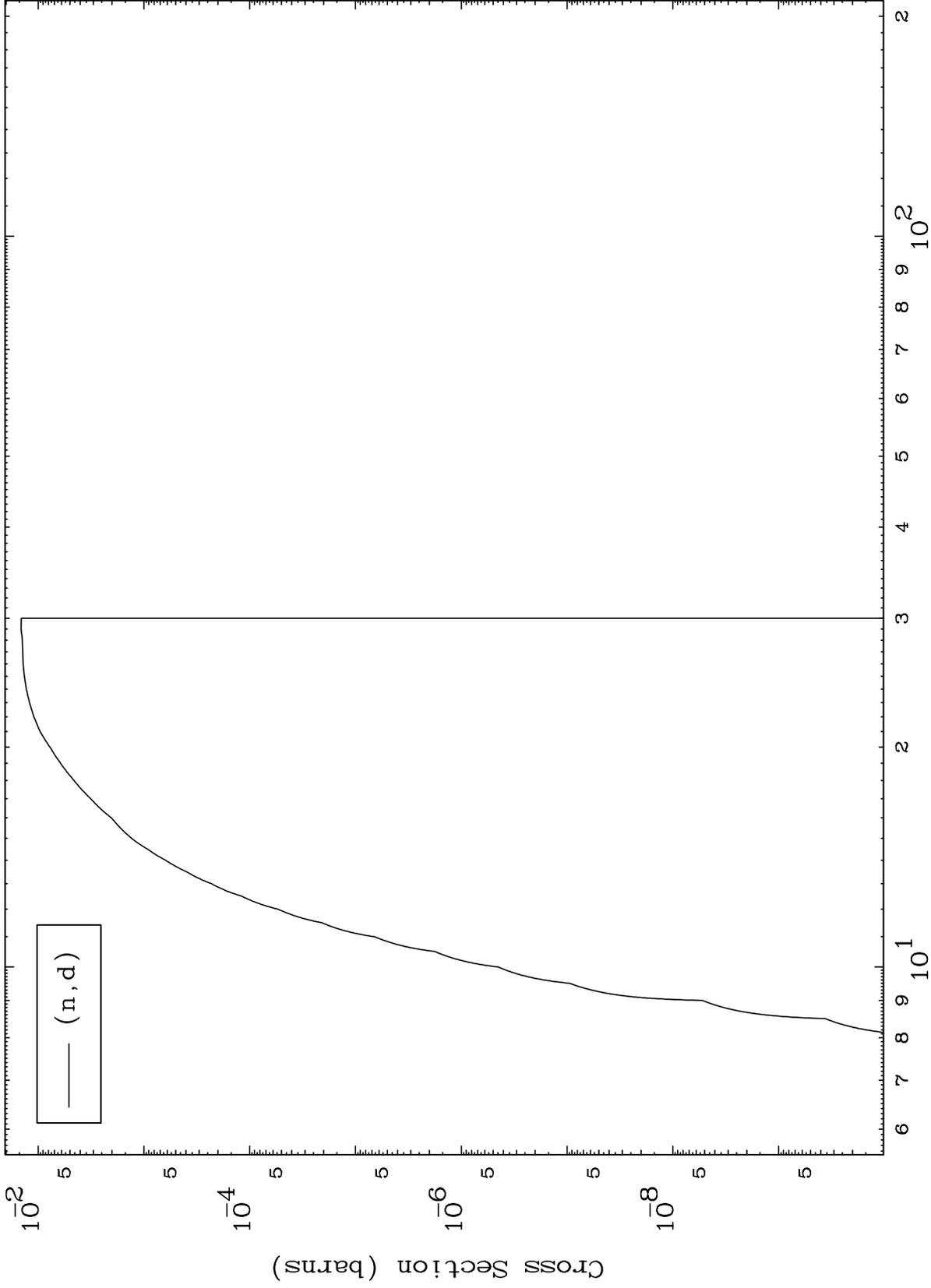
Incident Energy (MeV)

47-Ag-113

MAT 4743

(n,d) Levels  
293 Kelvin Cross Sections

47-Ag-113



11

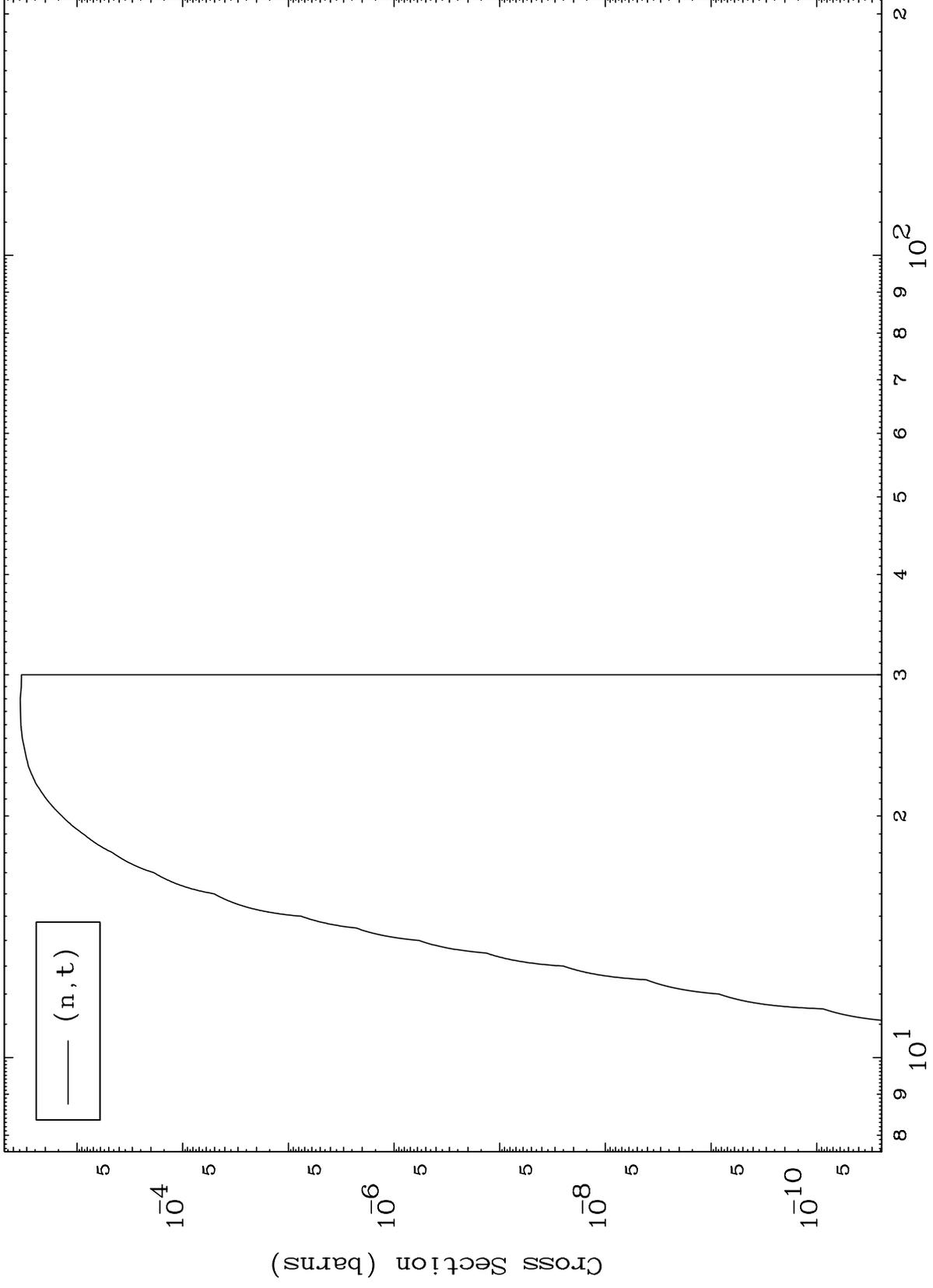
Incident Energy (MeV)

47-Ag-113

MAT 4743

(n,t) Levels  
293 Kelvin Cross Sections

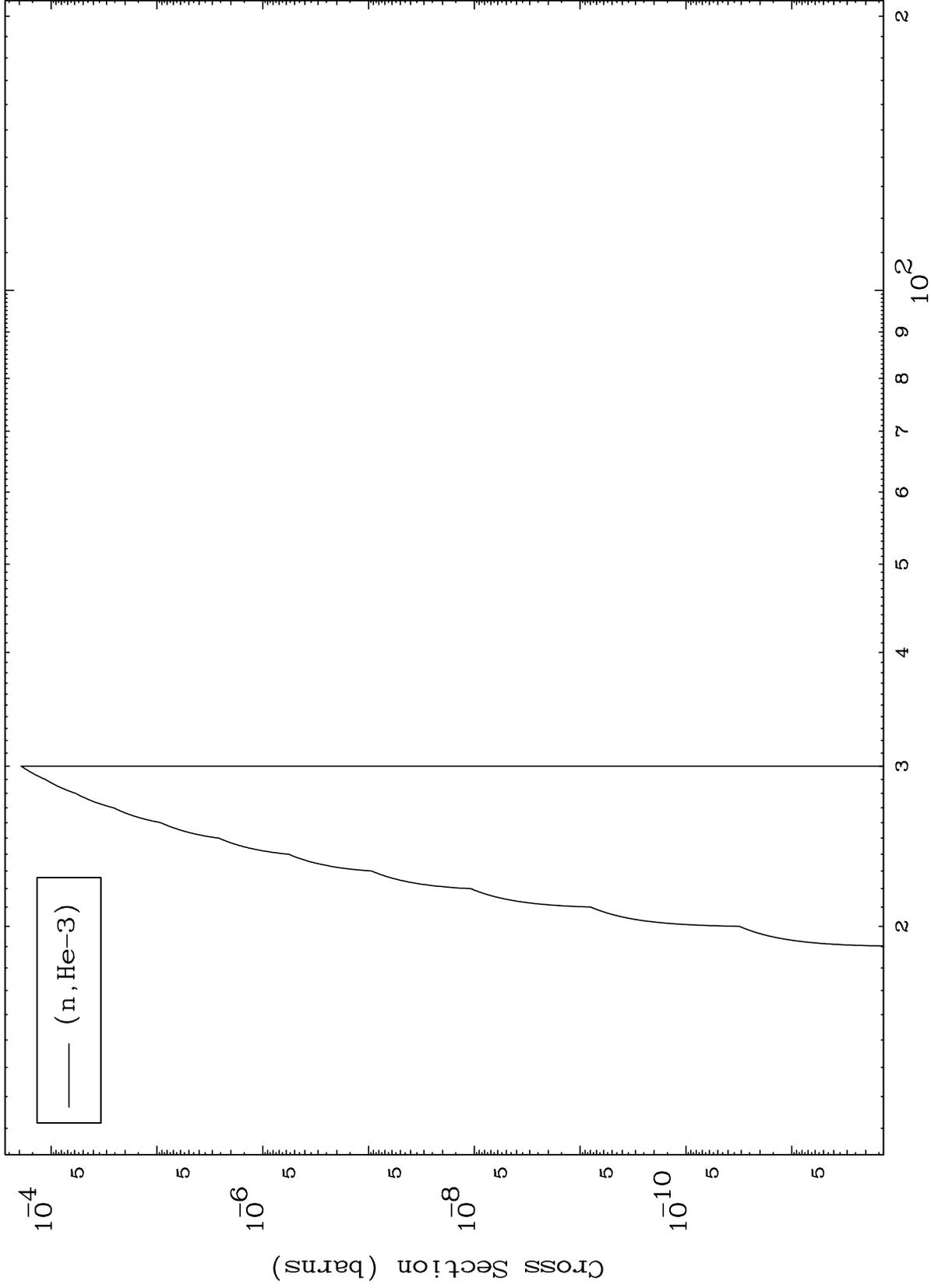
47-Ag-113



12

Incident Energy (MeV)

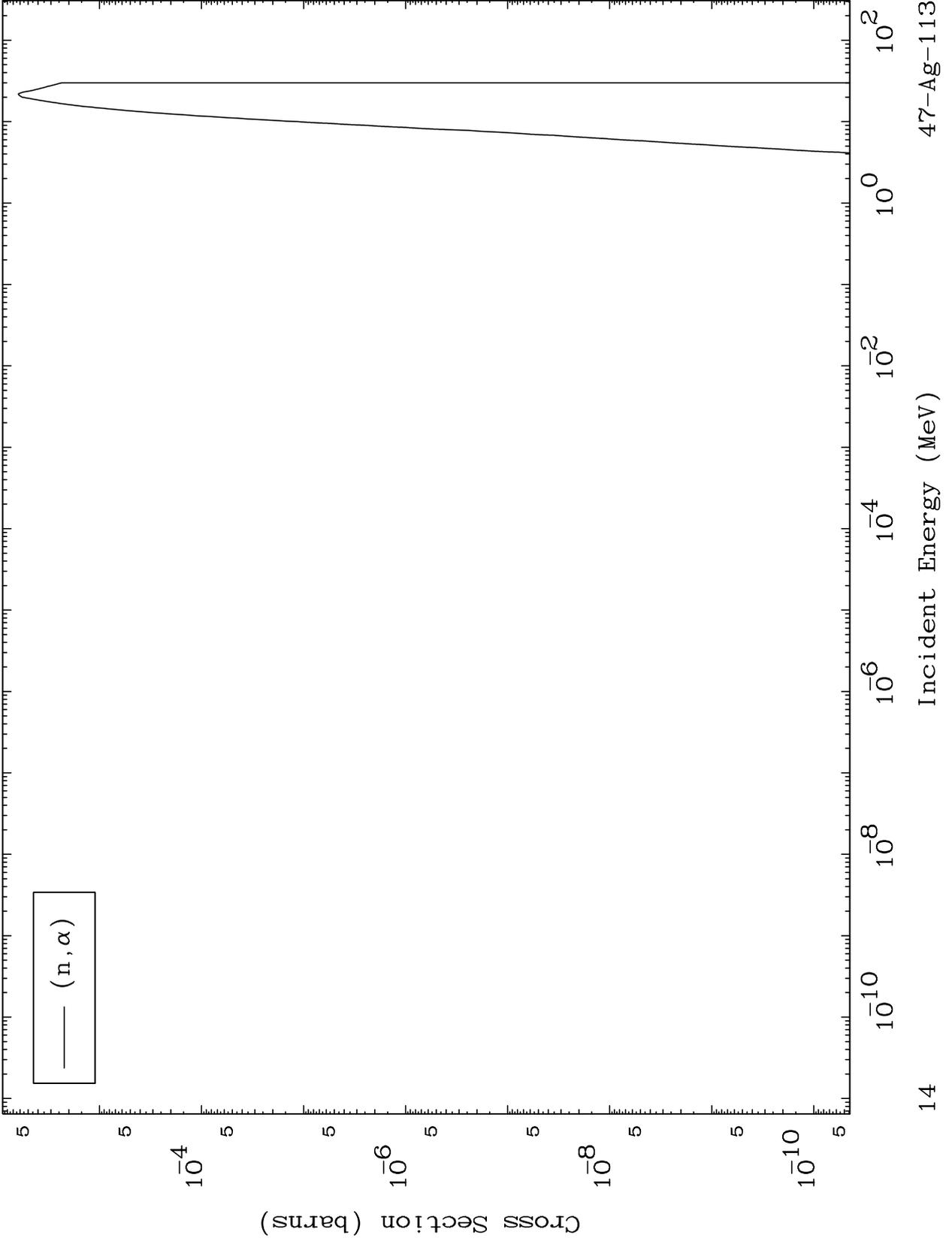
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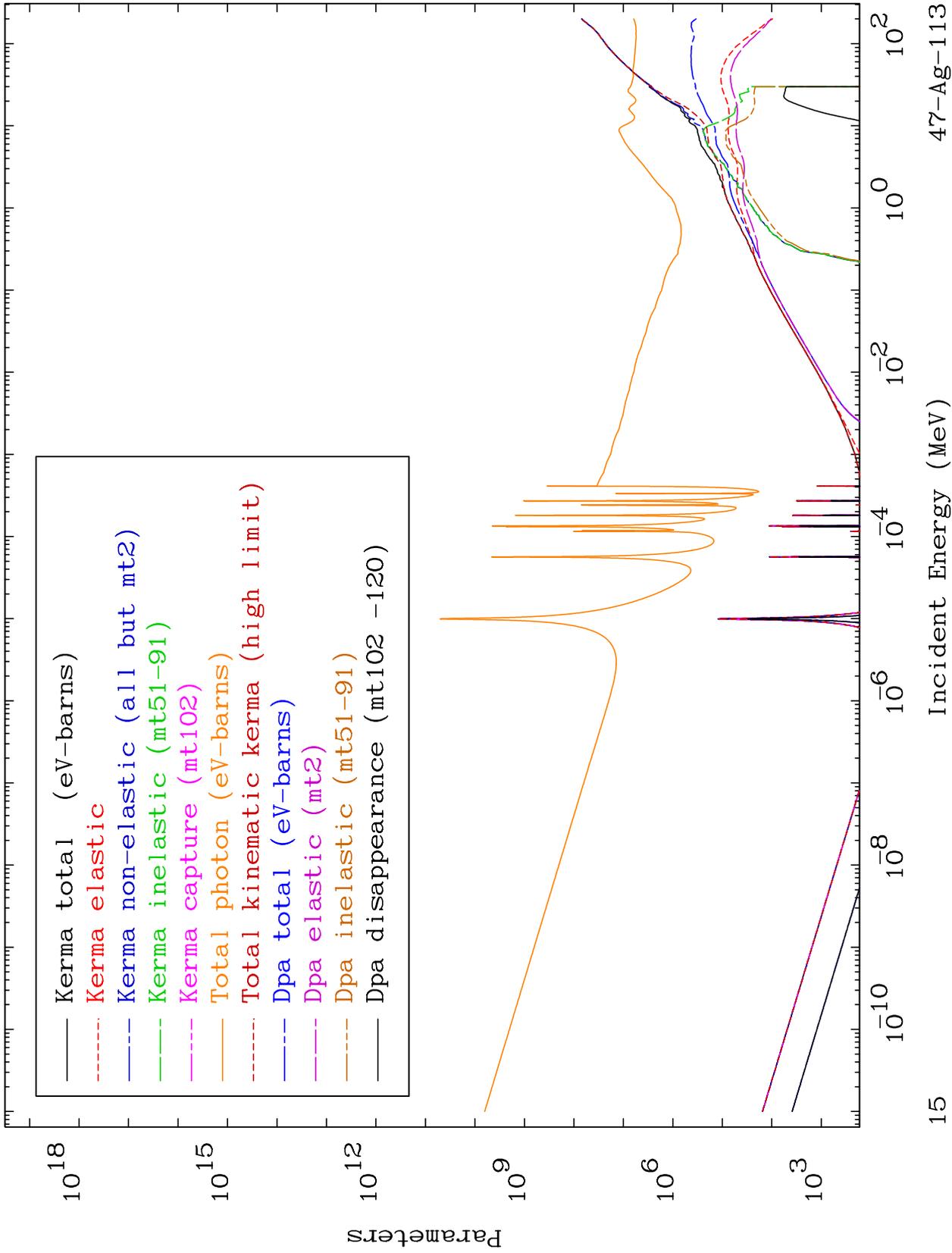


MAT 4743

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

47-Ag-113

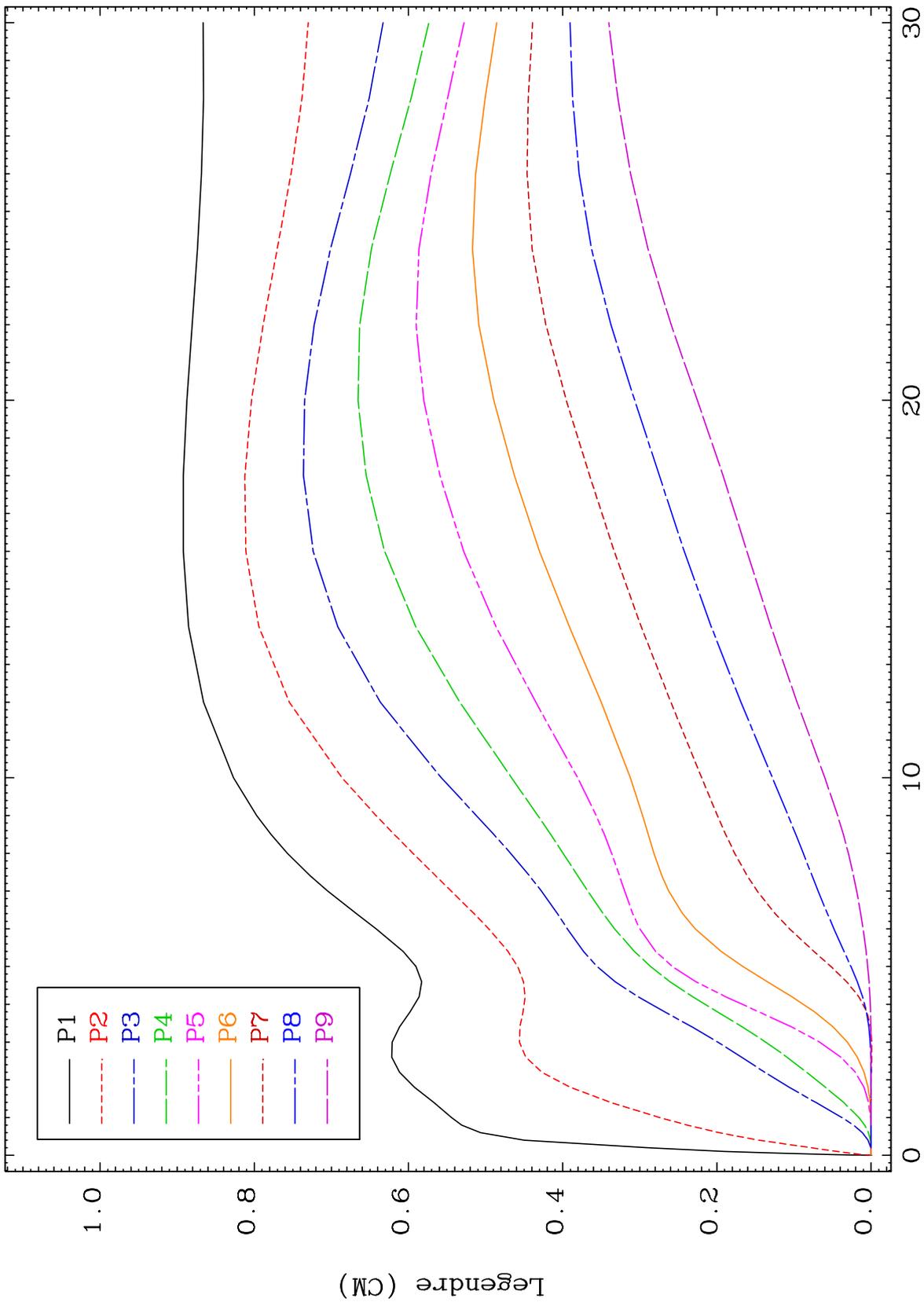




MAT 4743

Elastic Legendre Coefficients

47-Ag-113



16

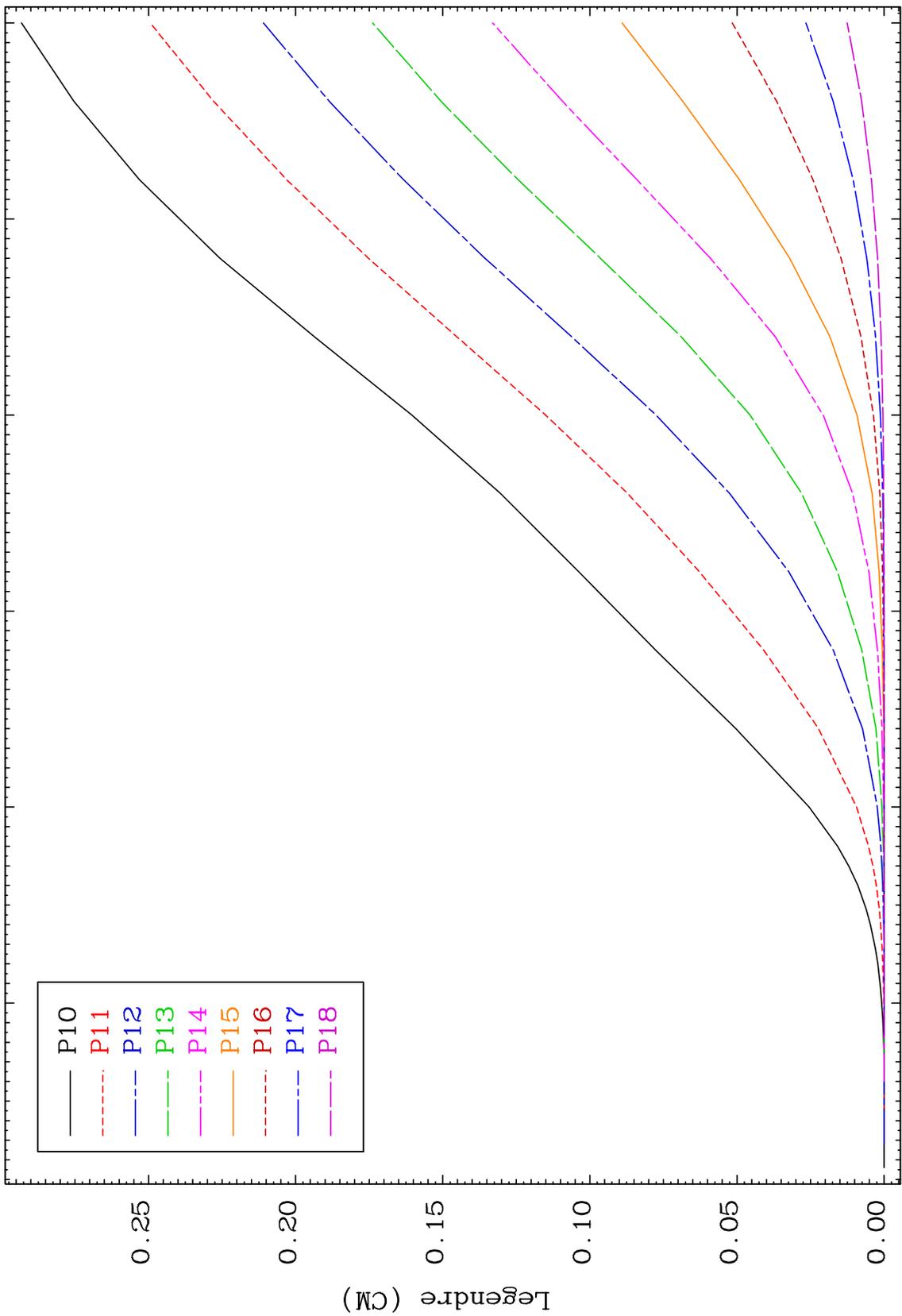
Incident Energy (MeV)

47-Ag-113

MAT 4743

Elastic Legendre Coefficients

47-Ag-113



17

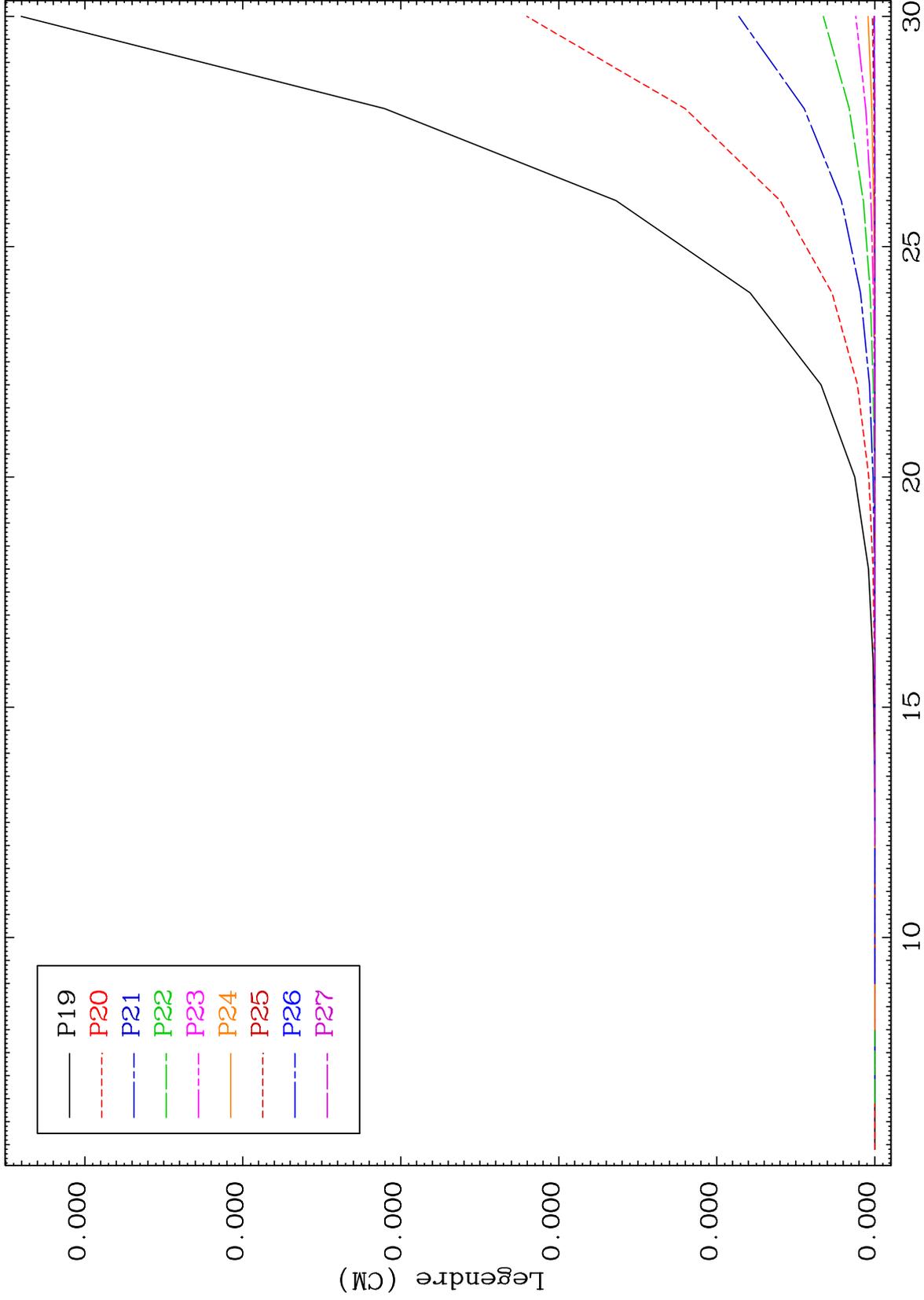
Incident Energy (MeV)

47-Ag-113

MAT 4743

### Elastic Legendre Coefficients

47-Ag-113



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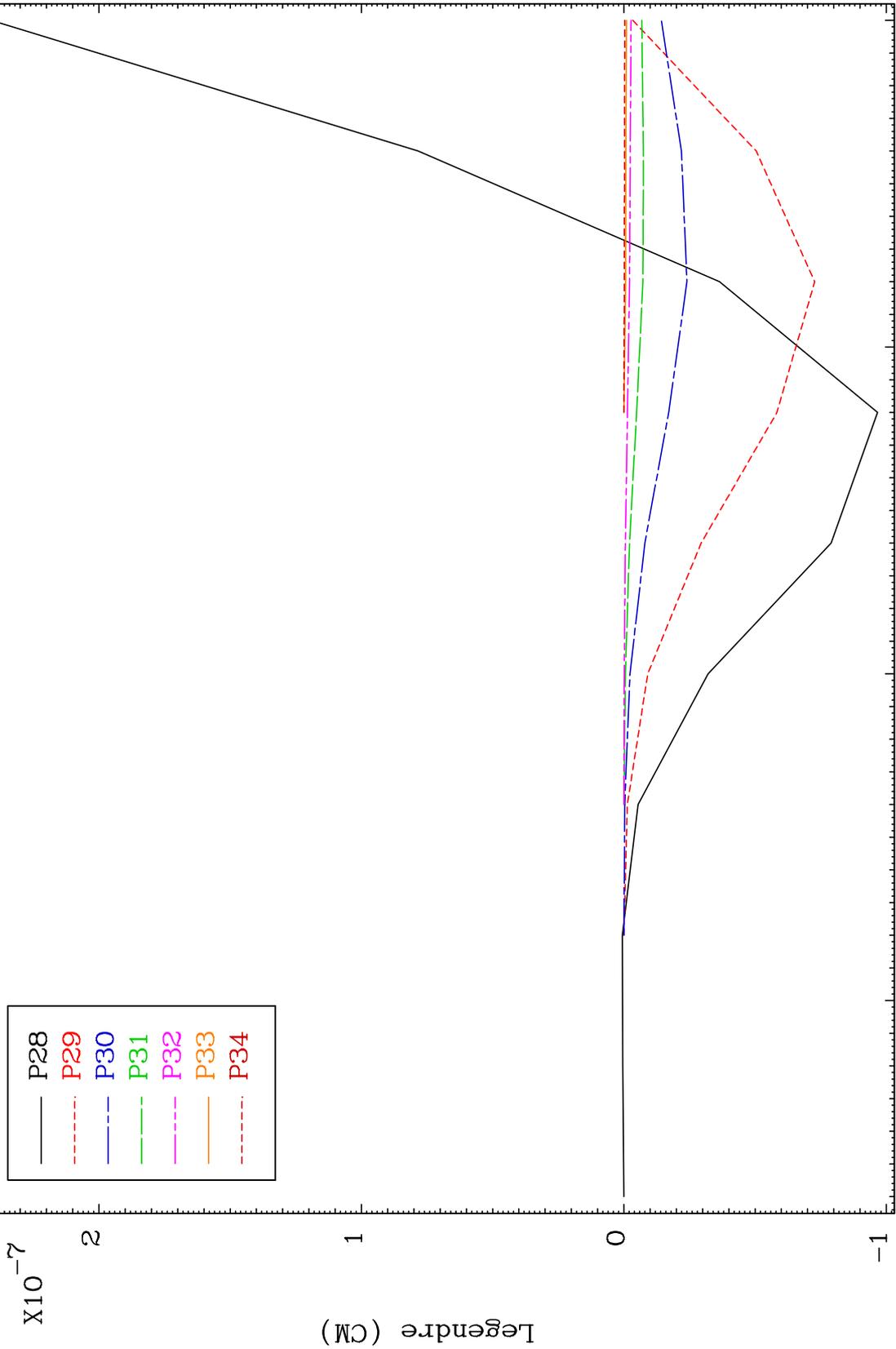
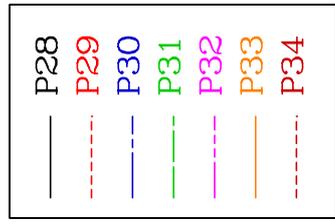
Incident Energy (MeV)

47-Ag-113

MAT 4743

Elastic Legendre Coefficients

47-Ag-113



19

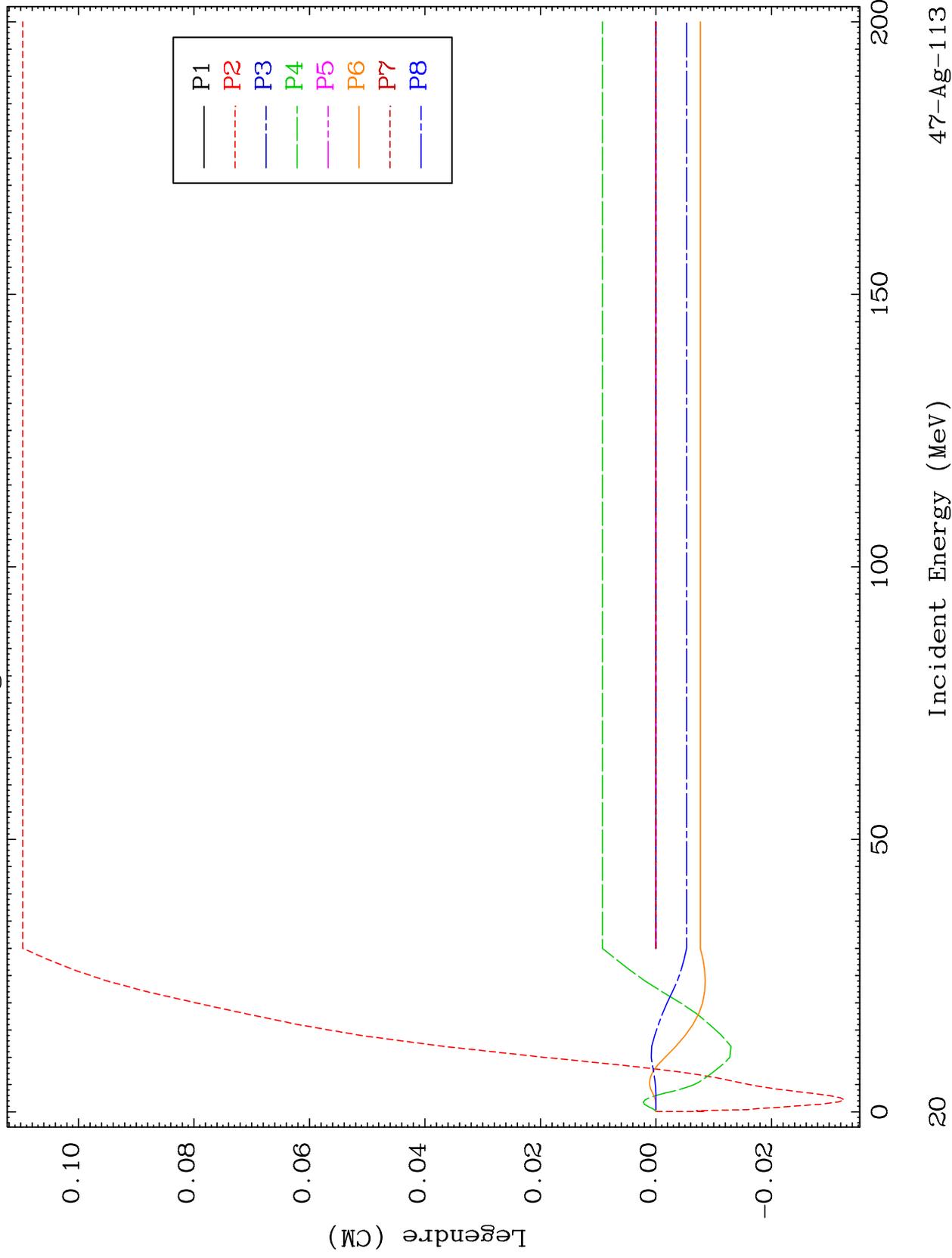
Incident Energy (MeV)

47-Ag-113

MAT 4743

43.50 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



47-Ag-113

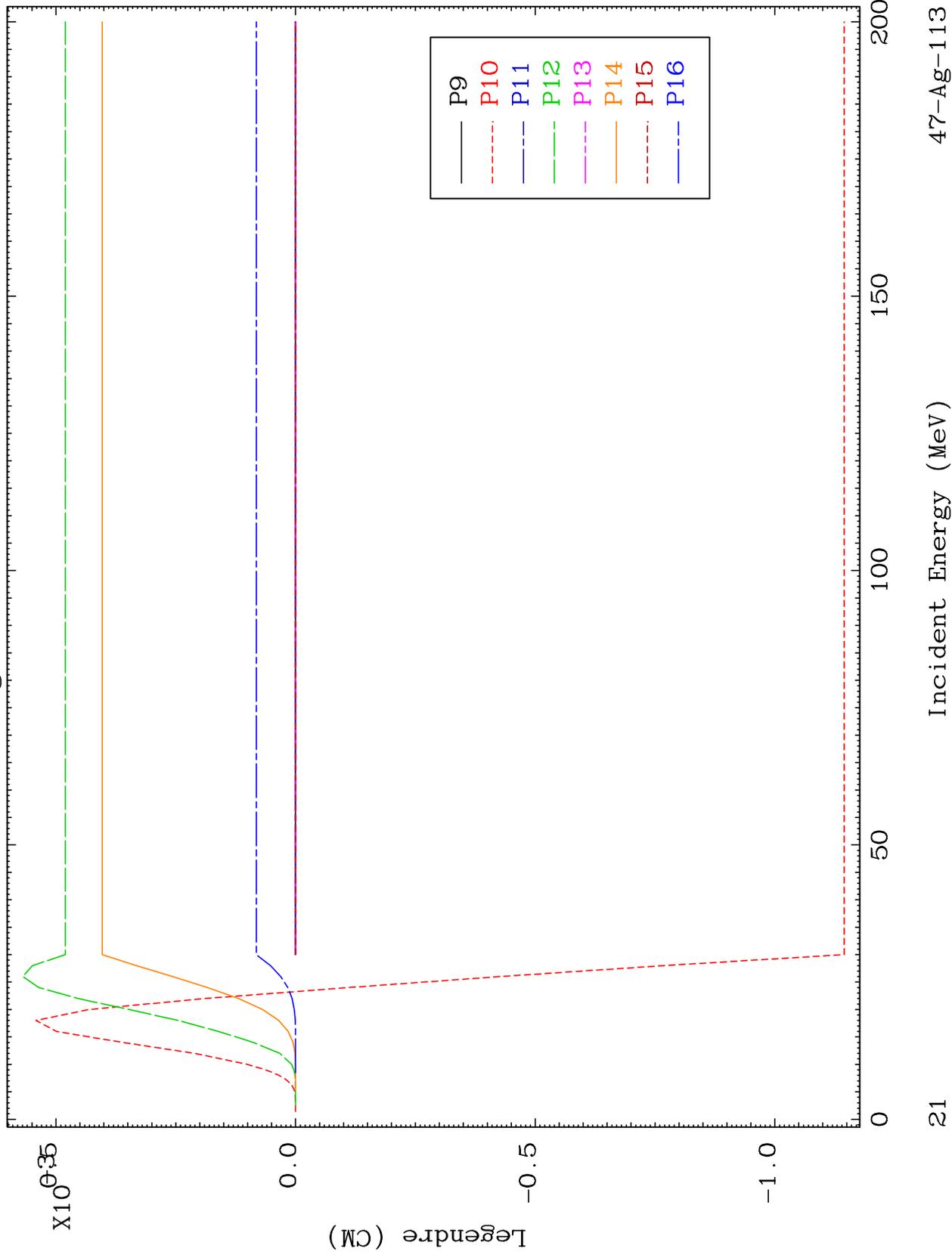
Incident Energy (MeV)

20

MAT 4743

43.50 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



21

Incident Energy (MeV)

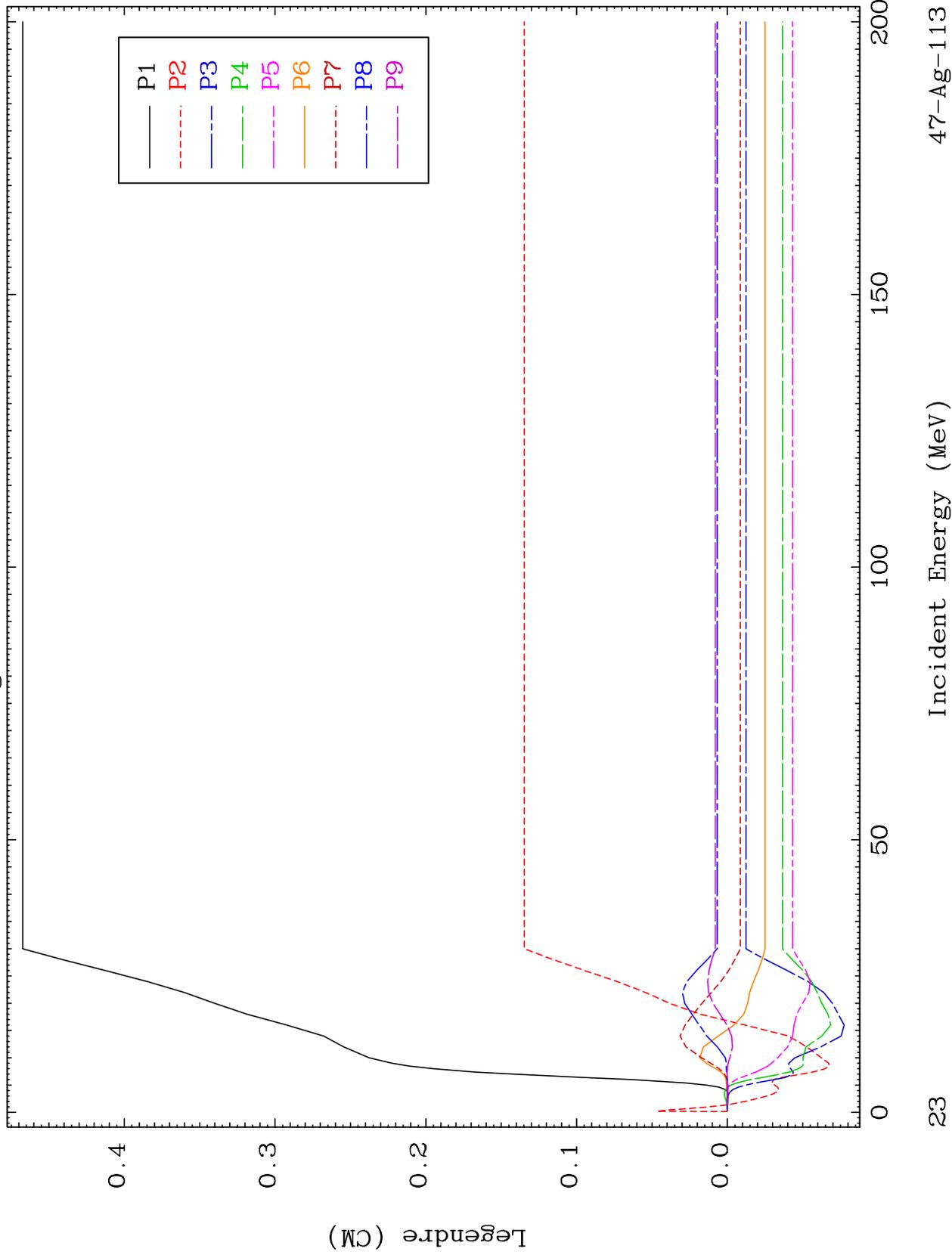
47-Ag-113



MAT 4743

139.3 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



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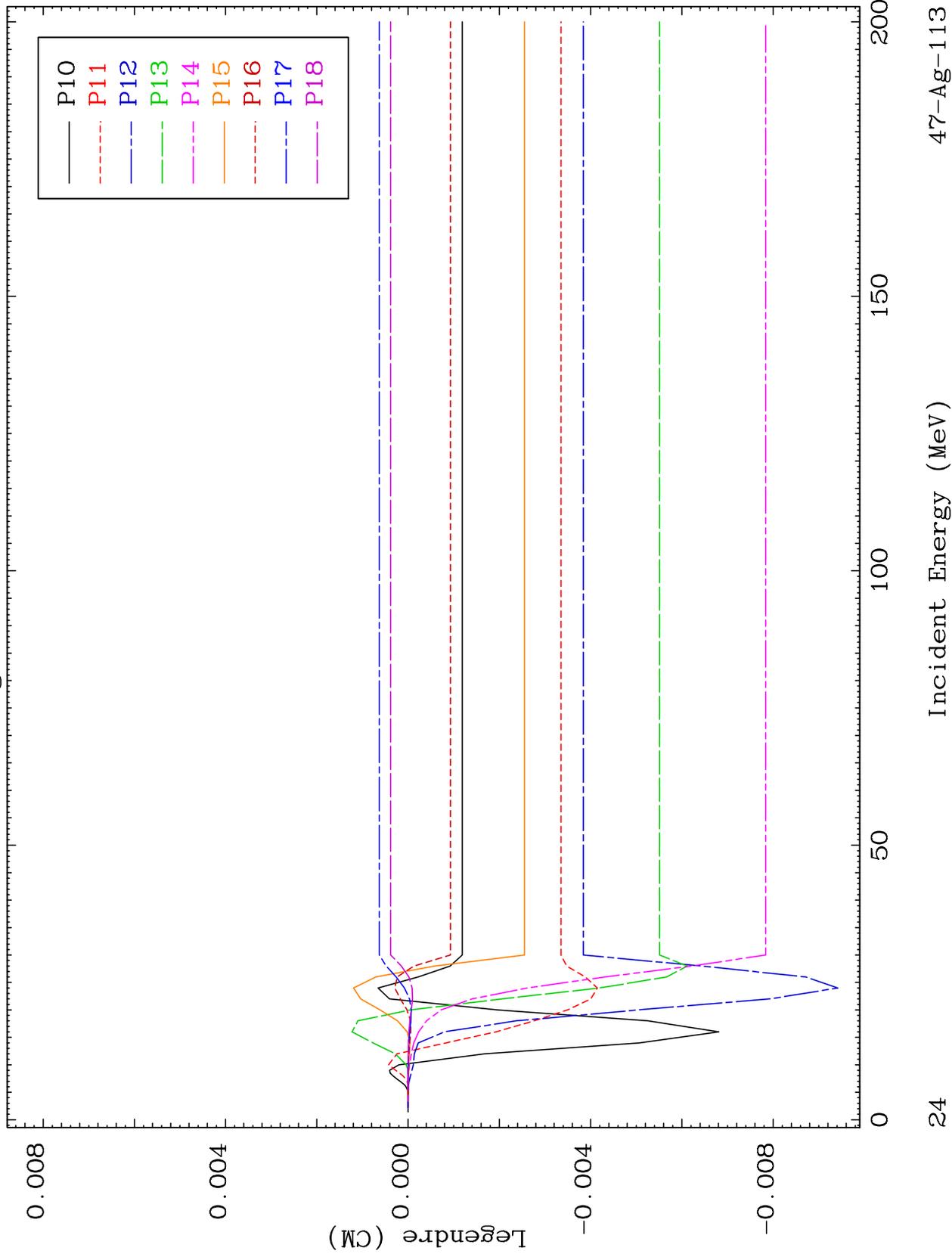
Incident Energy (MeV)

47-Ag-113

MAT 4743

139.3 keV (n,n') Level  
Legendre Coefficients

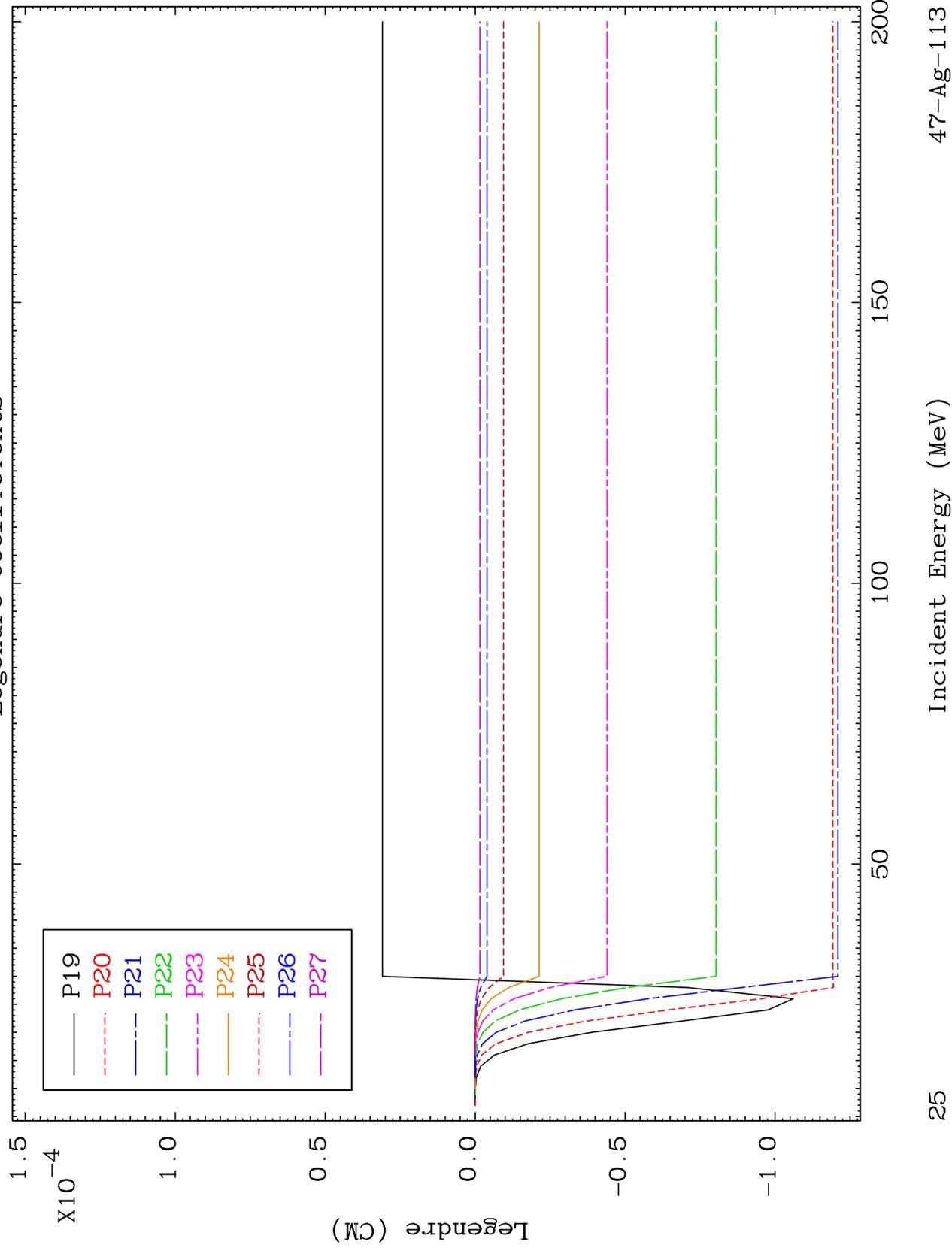
47-Ag-113



24

Incident Energy (MeV)

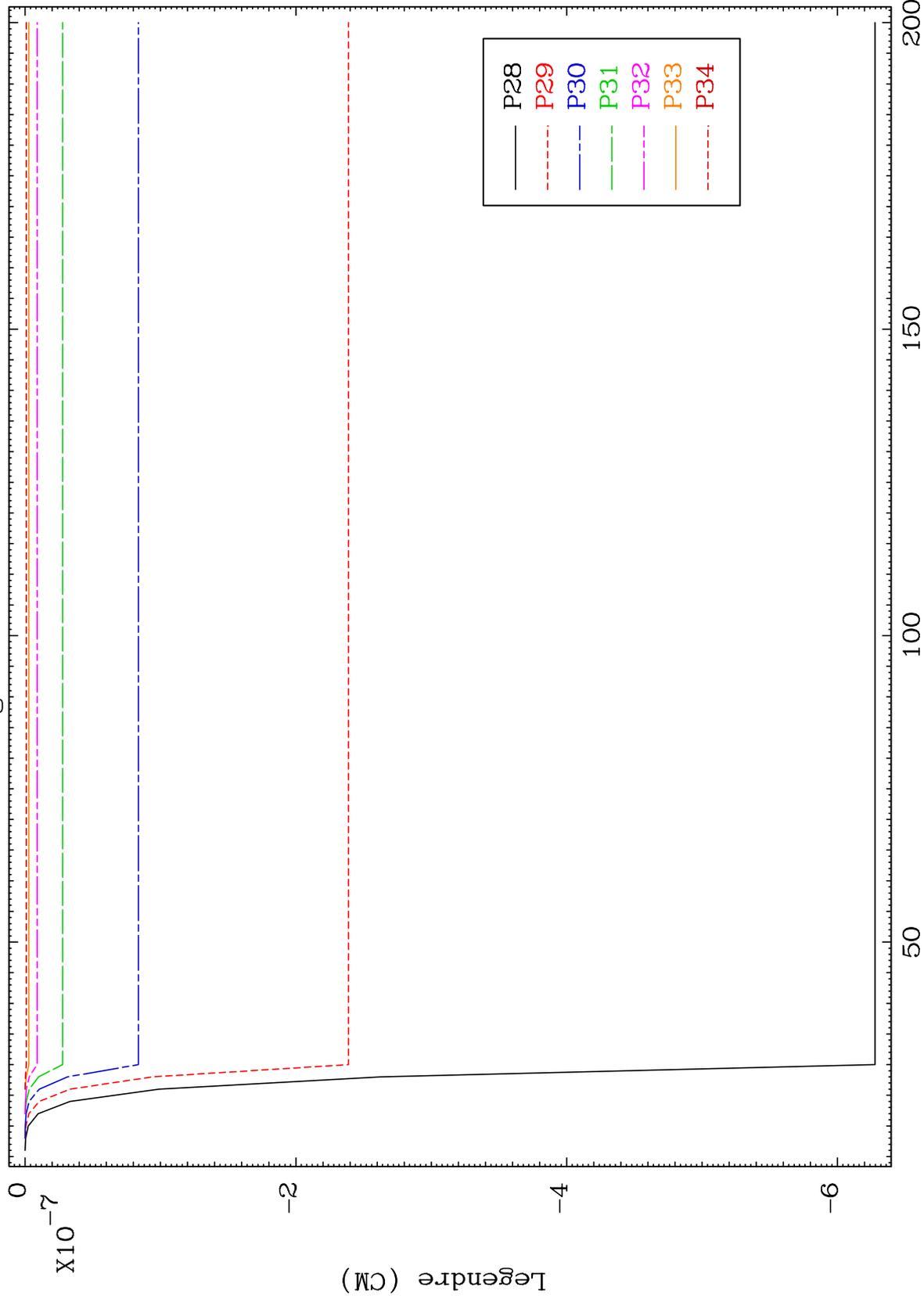
47-Ag-113



MAT 4743

139.3 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



26

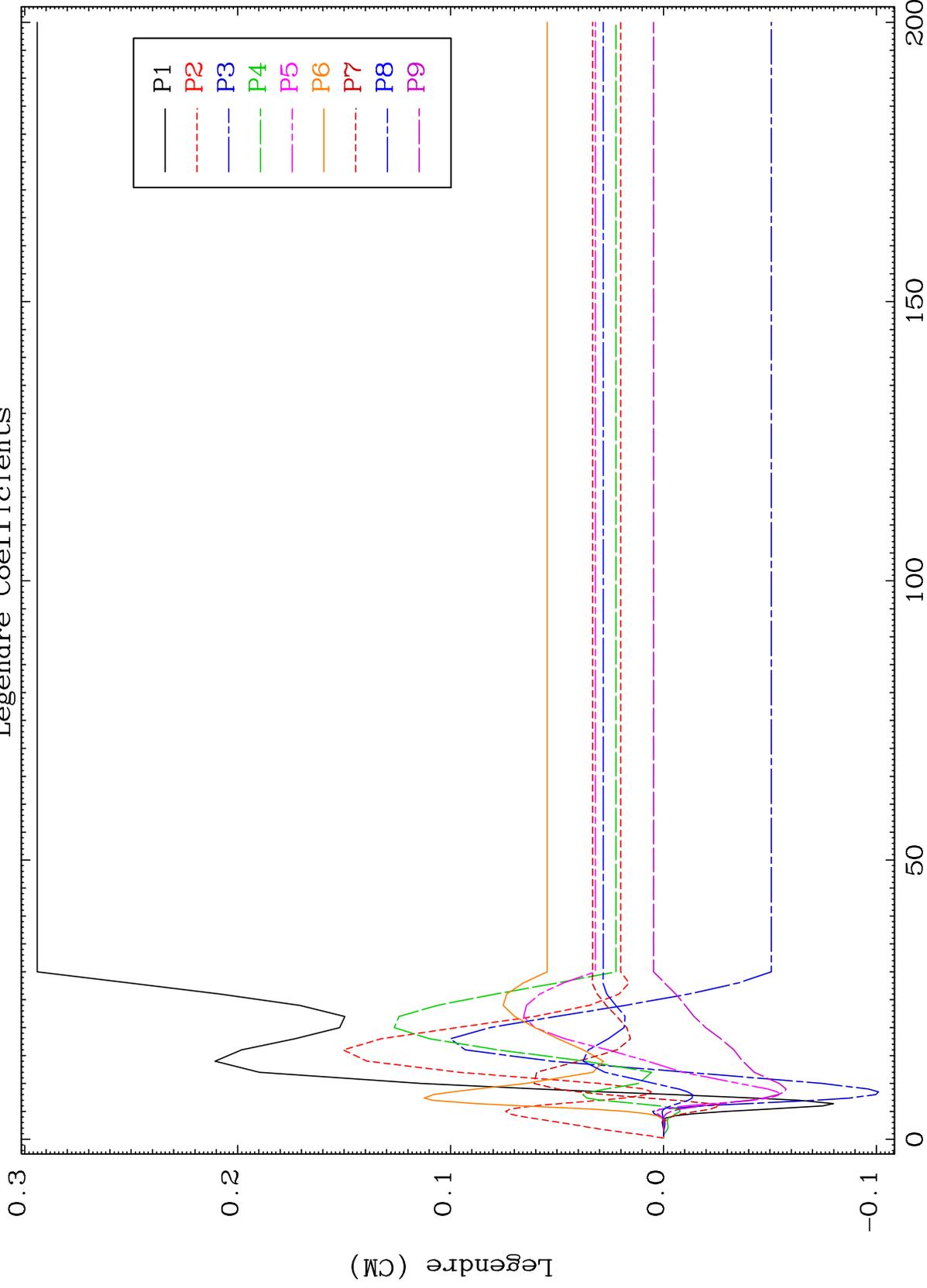
Incident Energy (MeV)

47-Ag-113

MAT 4743

222.1 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



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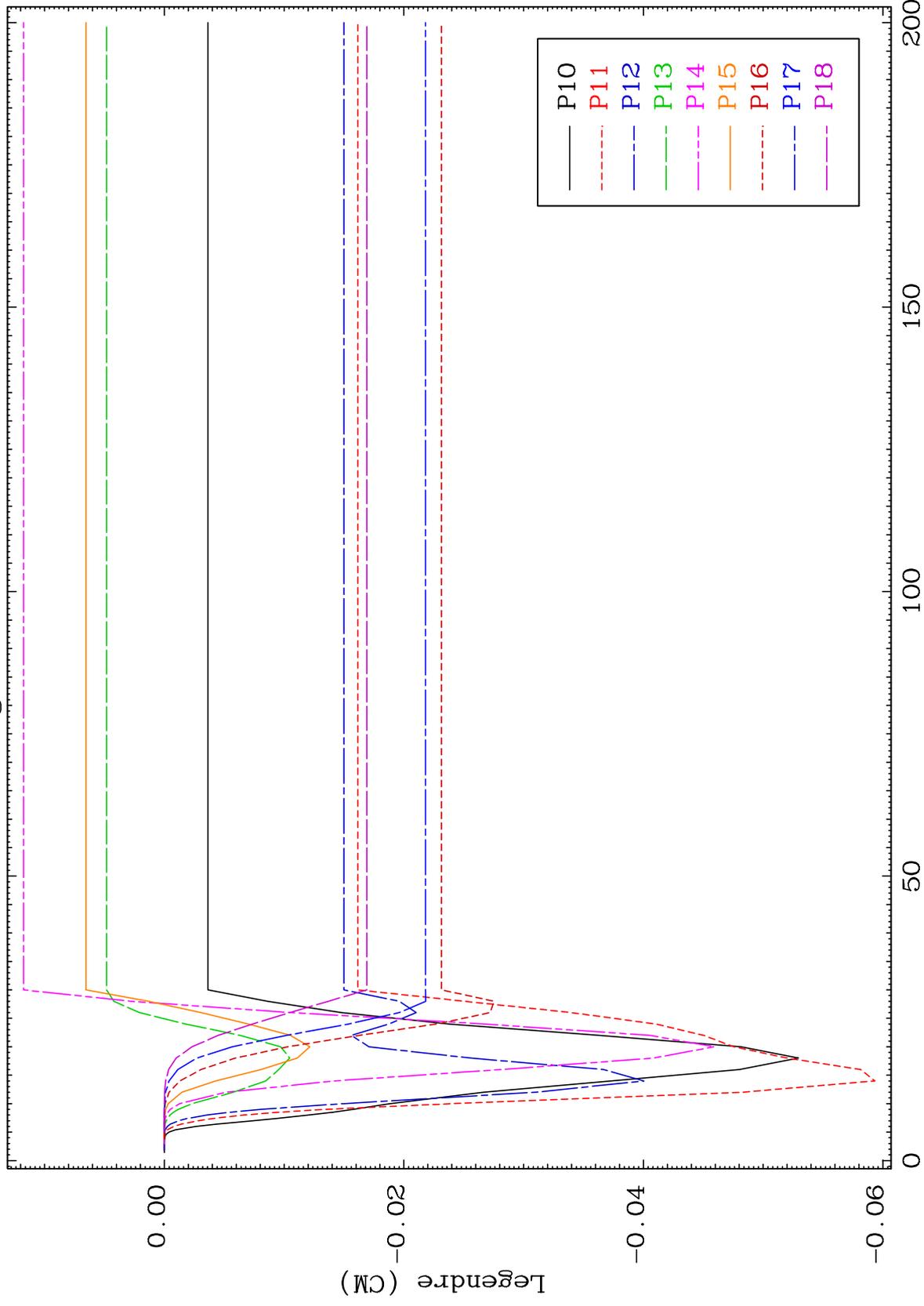
Incident Energy (MeV)

47-Ag-113

MAT 4743

222.1 keV (n,n') Level  
Legendre Coefficients

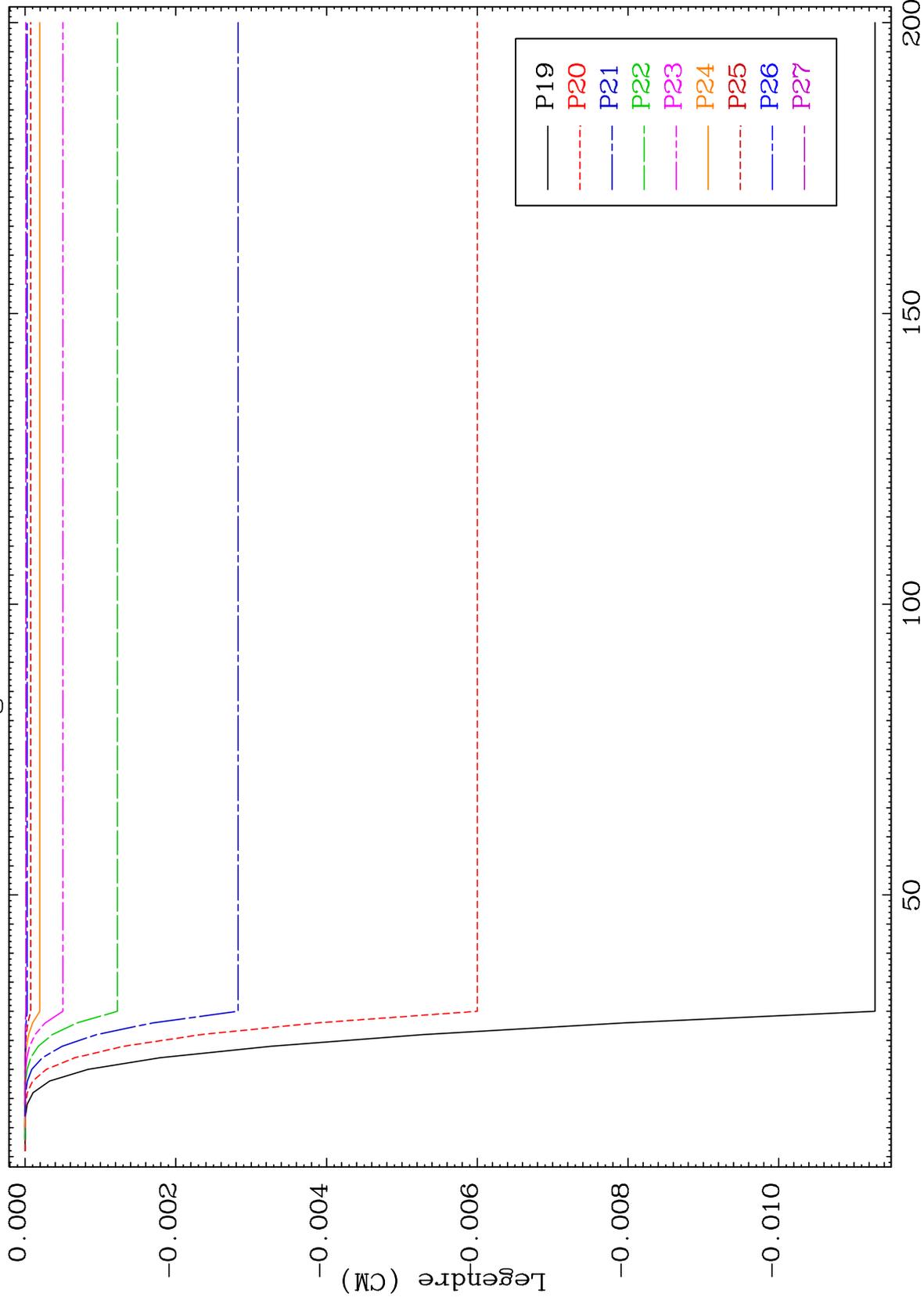
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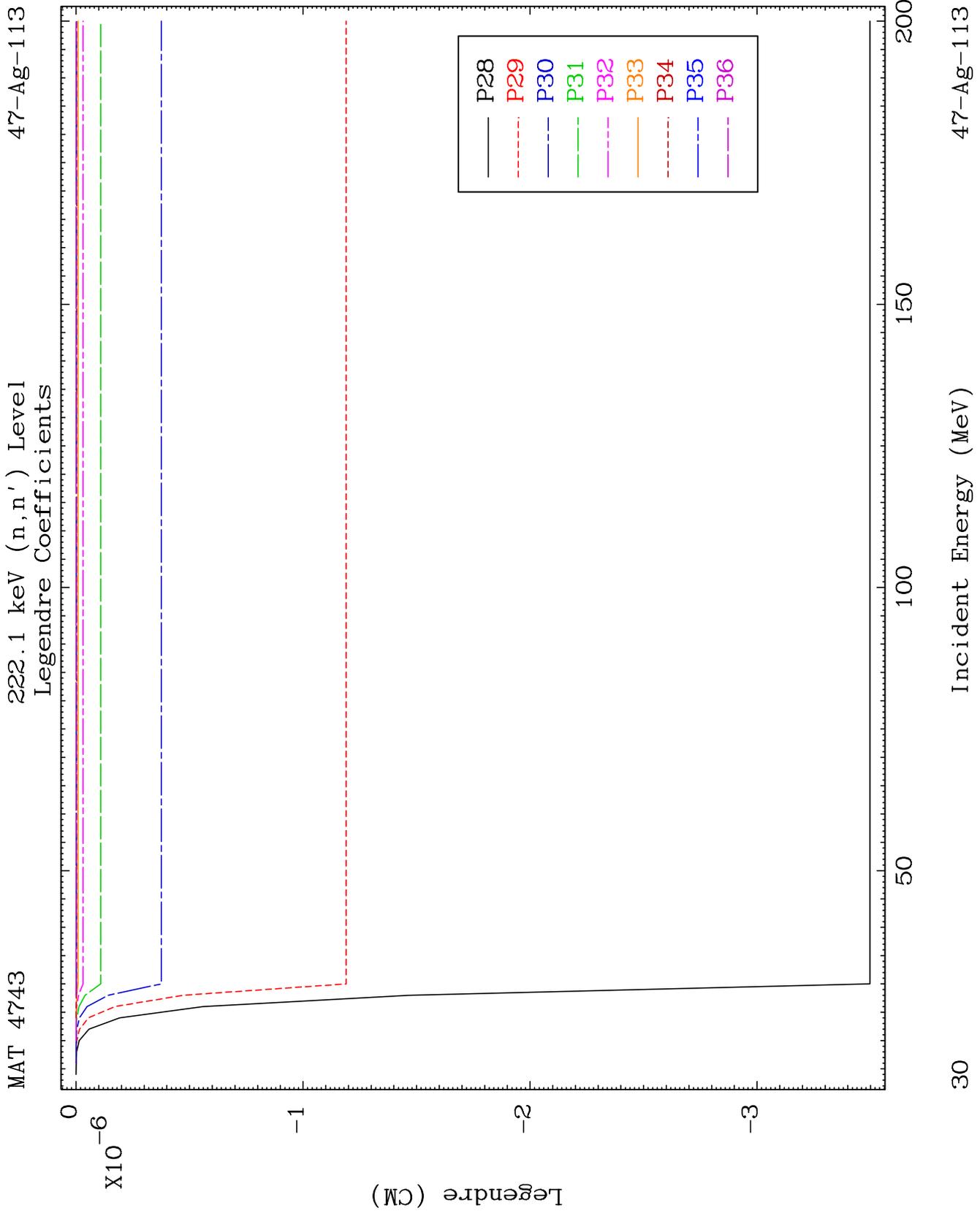


28

Incident Energy (MeV)

47-Ag-113

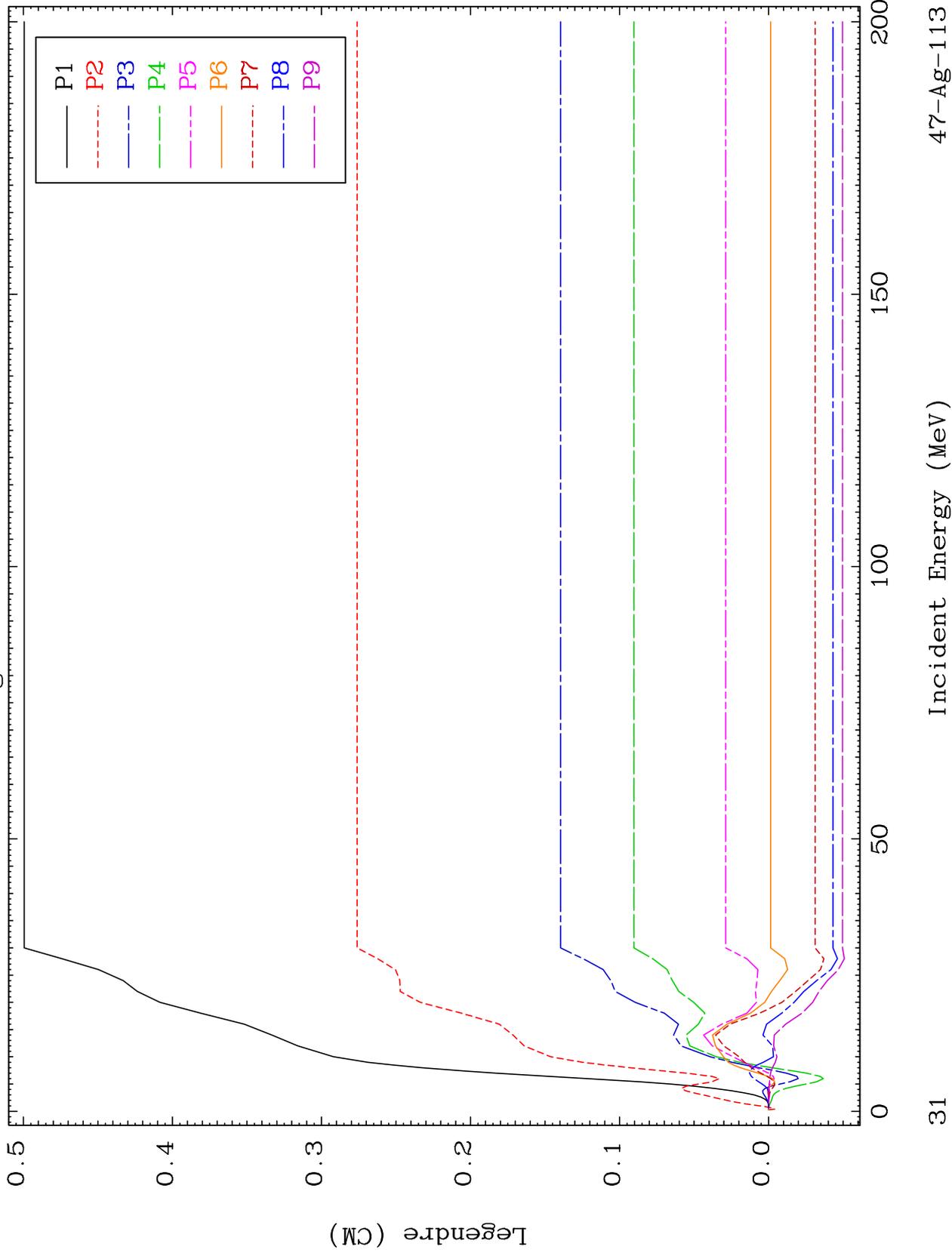




MAT 4743

270.8 keV (n,n') Level  
Legendre Coefficients

47-Ag-113

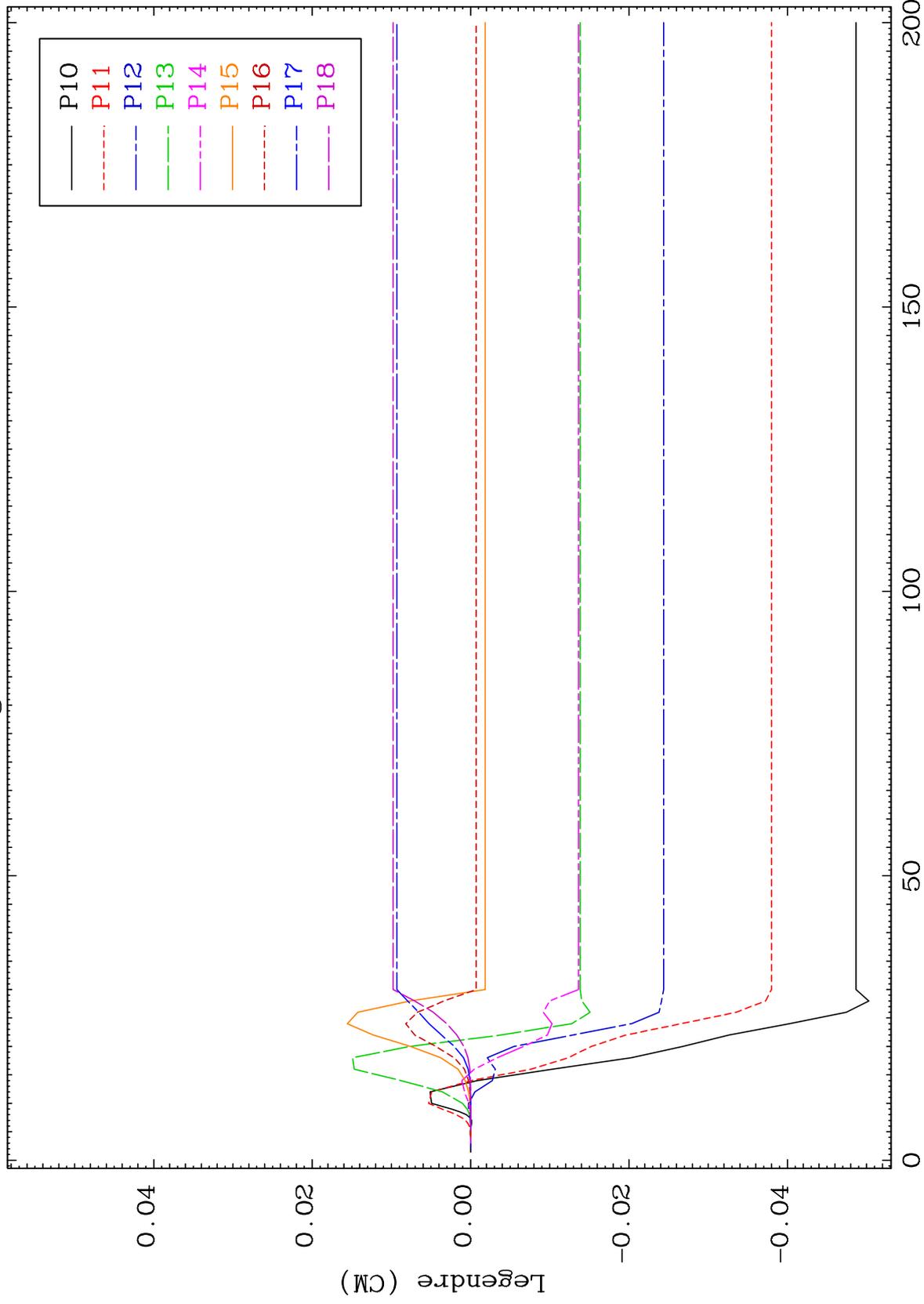


31

MAT 4743

270.8 keV (n,n') Level  
Legendre Coefficients

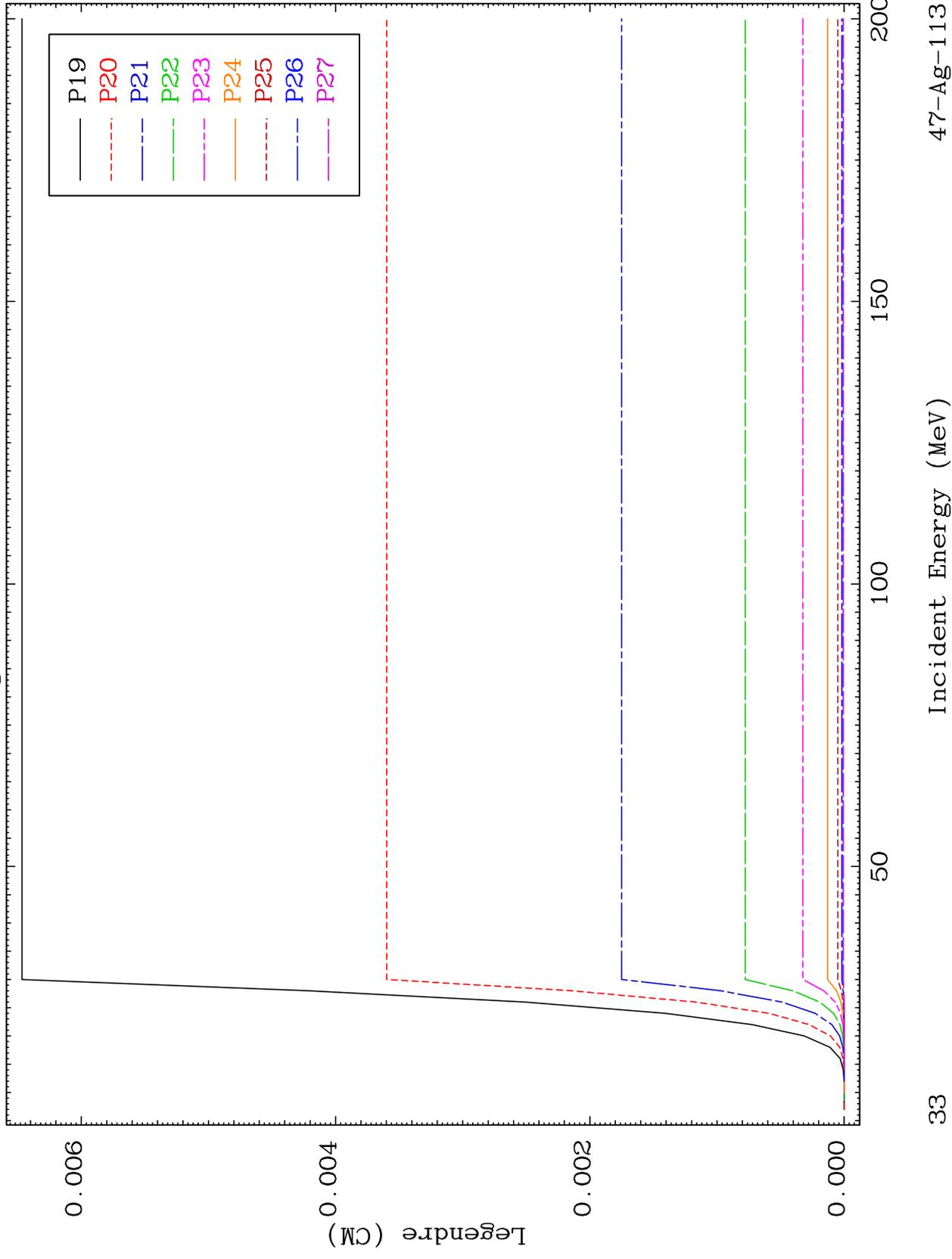
47-Ag-113



32

Incident Energy (MeV)

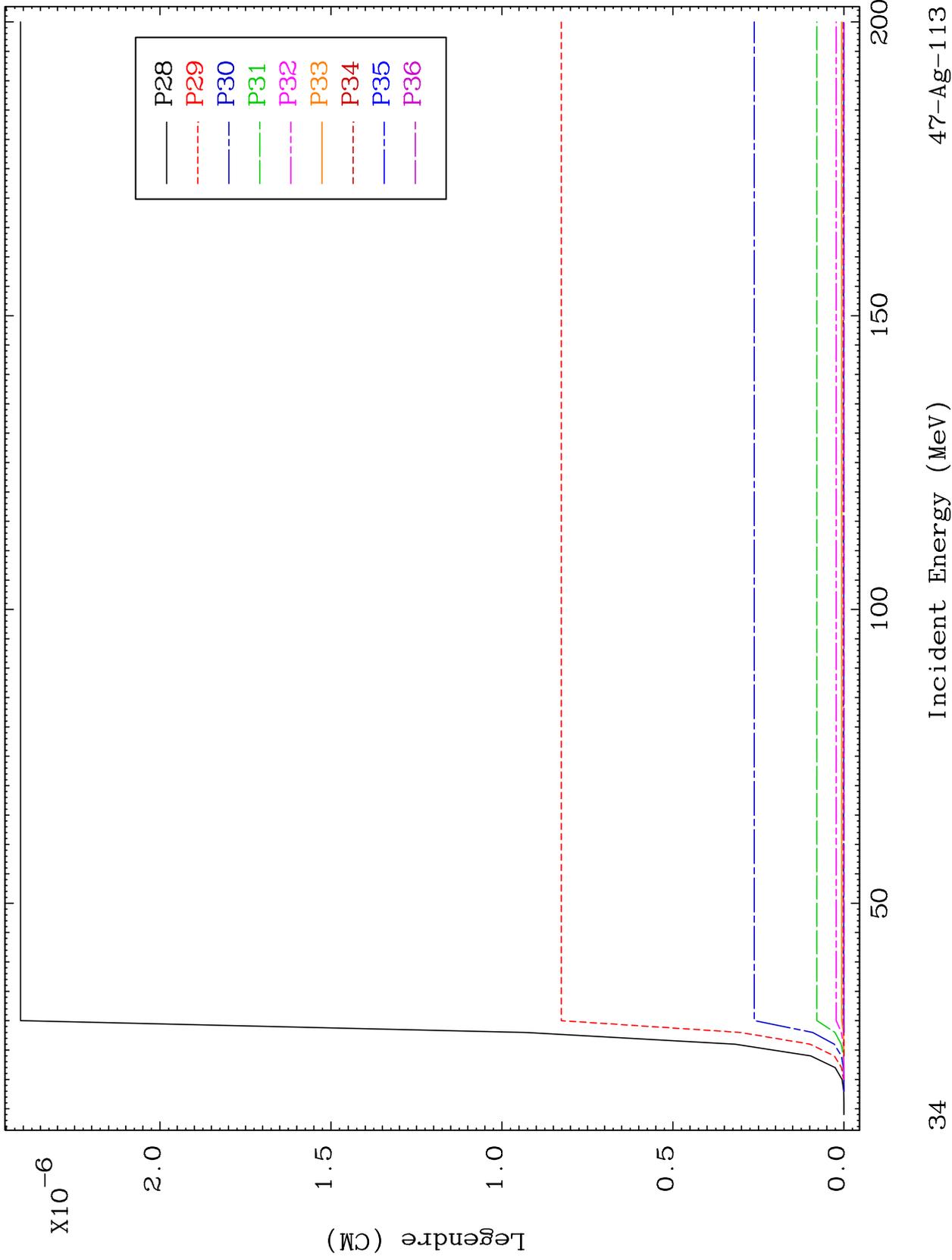
47-Ag-113



MAT 4743

270.8 keV (n, n') Level  
Legendre Coefficients

47-Ag-113



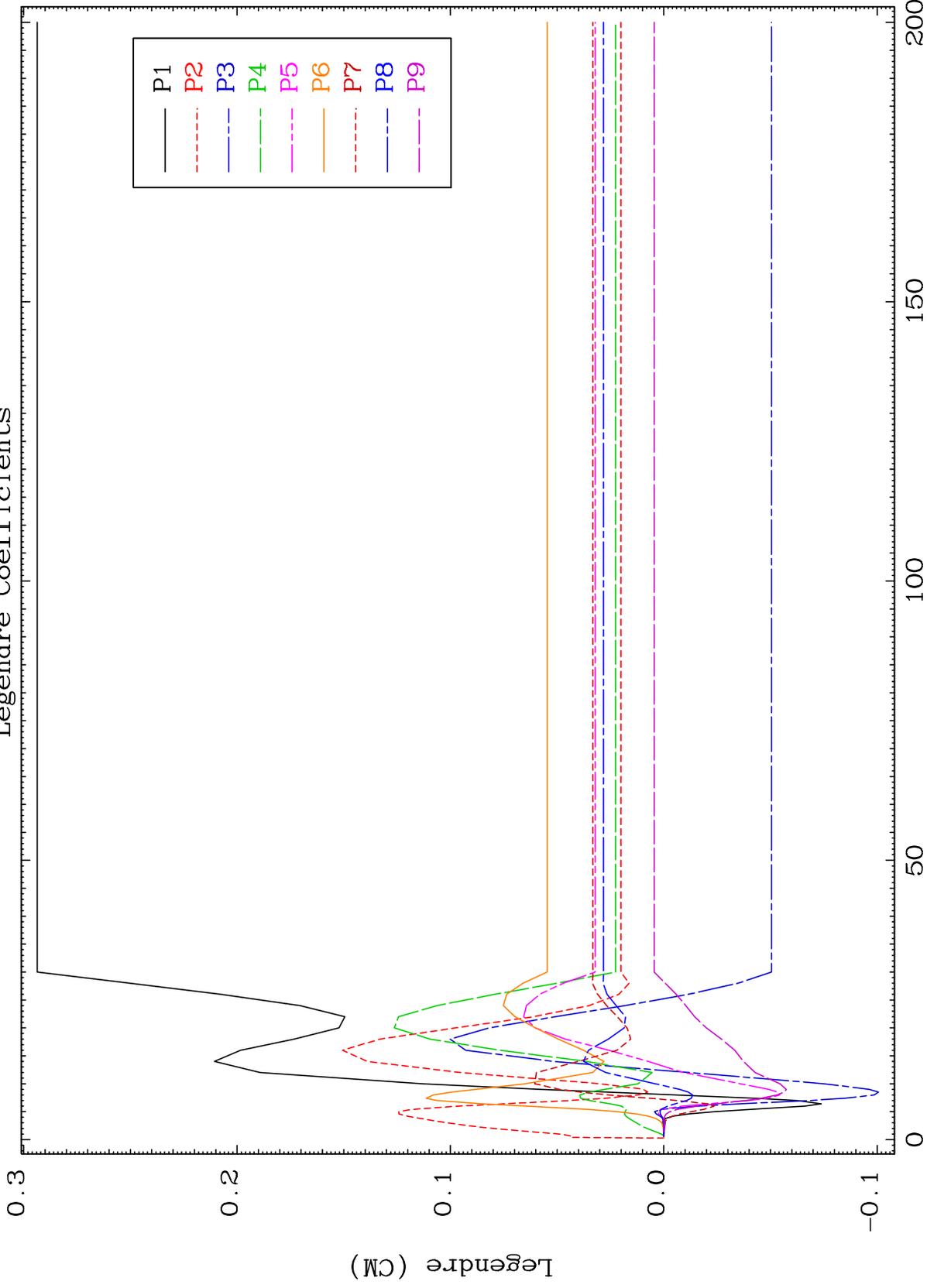
34

47-Ag-113

MAT 4743

273.6 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



47-Ag-113

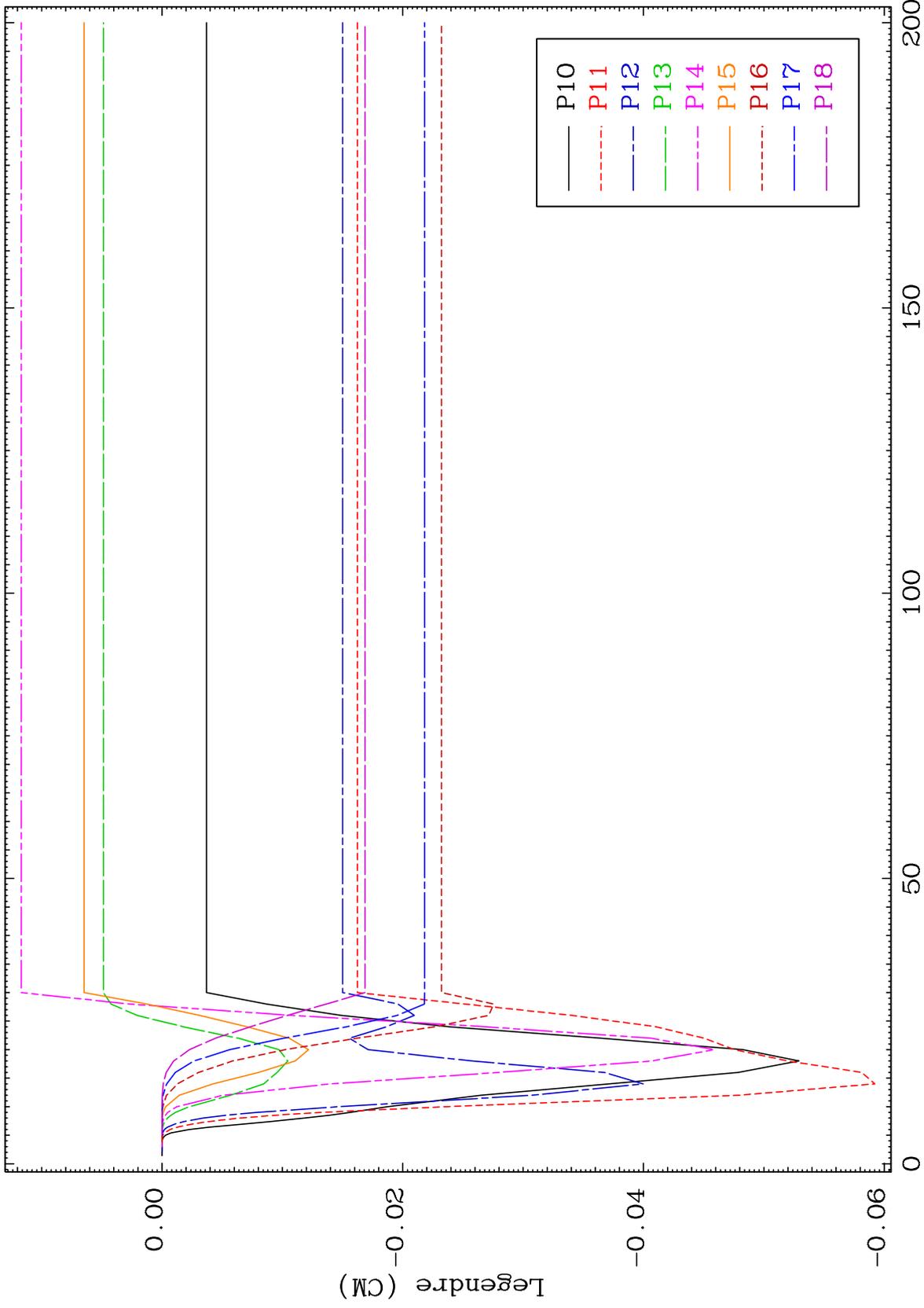
Incident Energy (MeV)

35

MAT 4743

273.6 keV (n,n') Level  
Legendre Coefficients

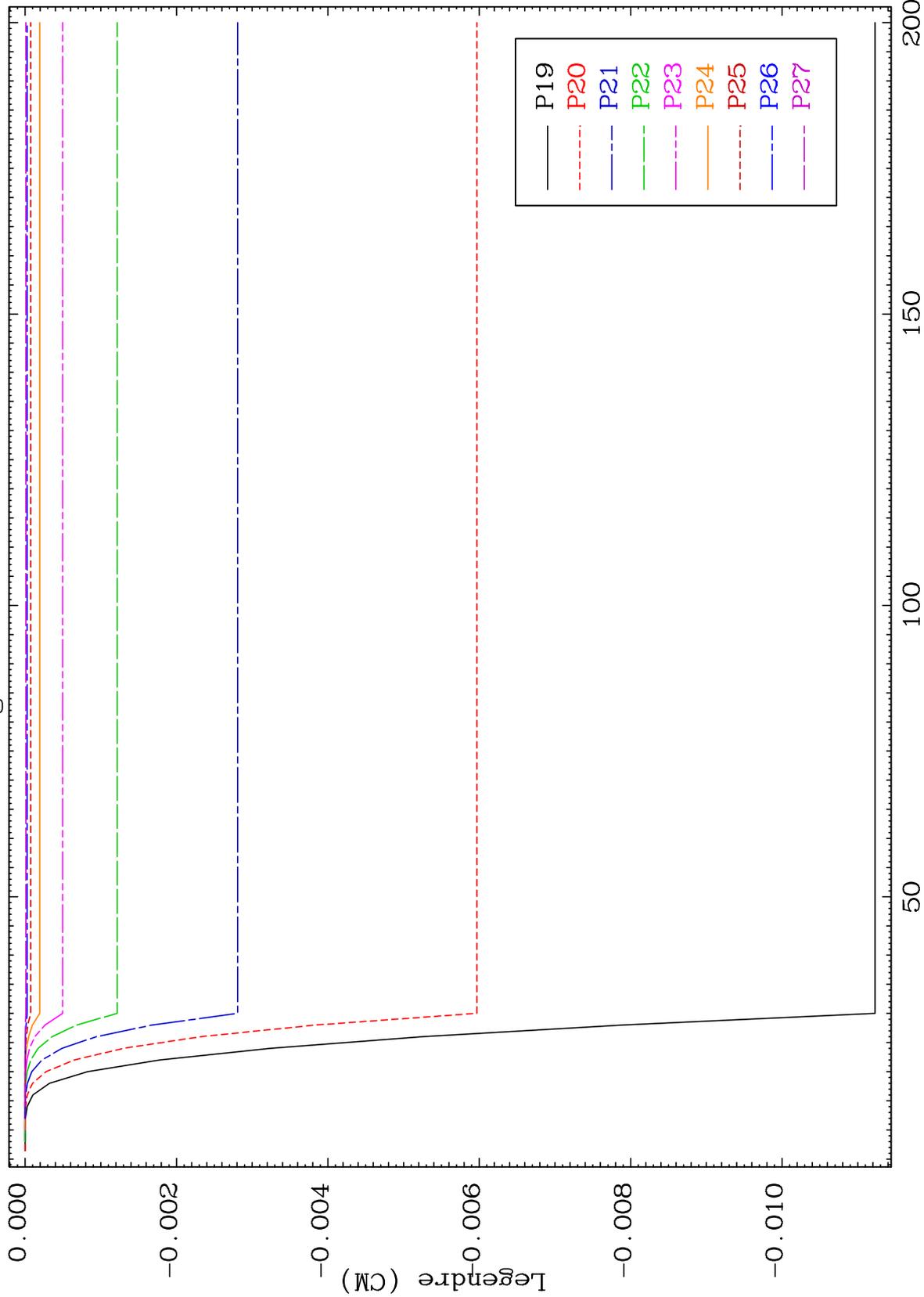
47-Ag-113



Incident Energy (MeV)

47-Ag-113

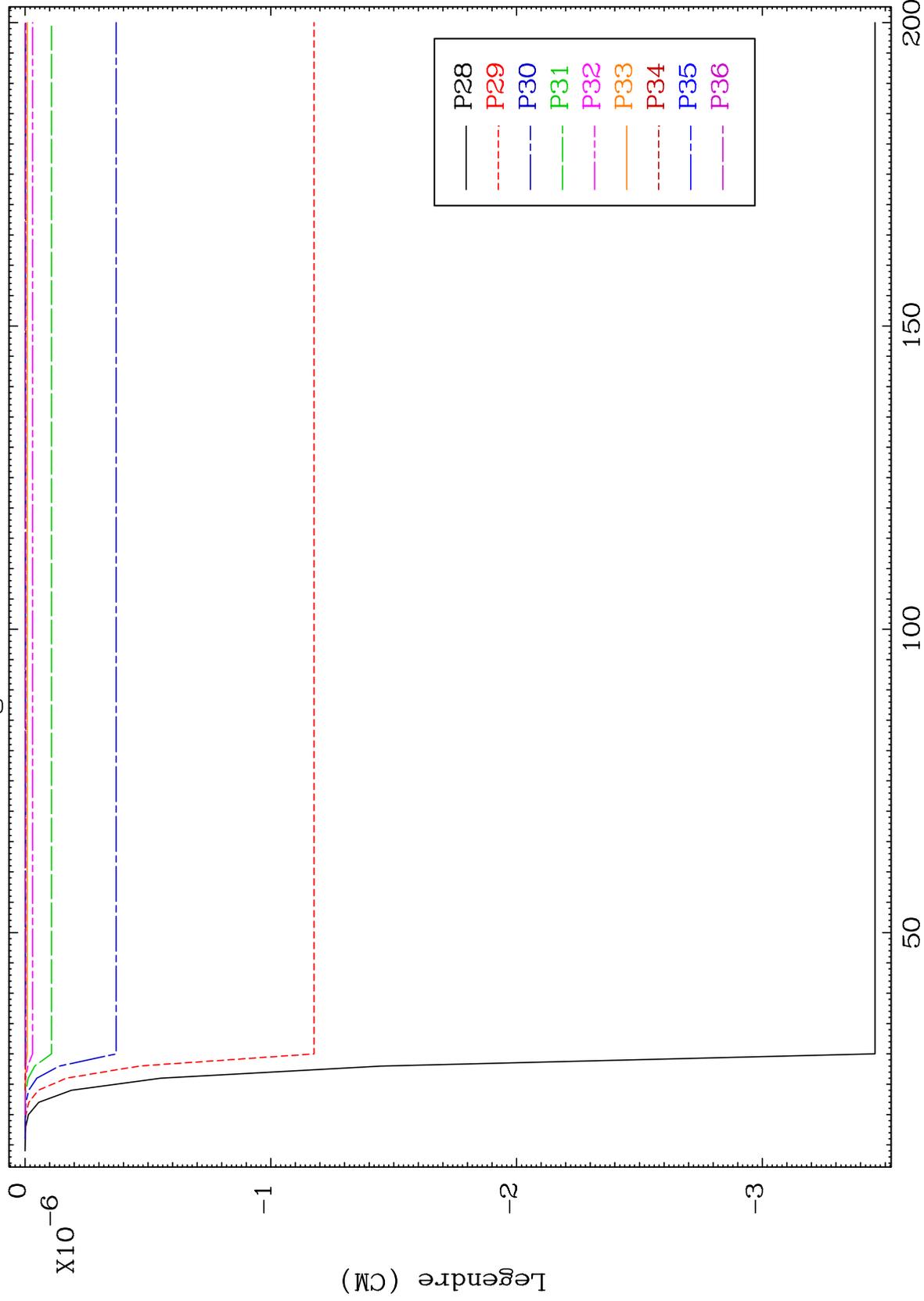
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MAT 4743

273.6 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



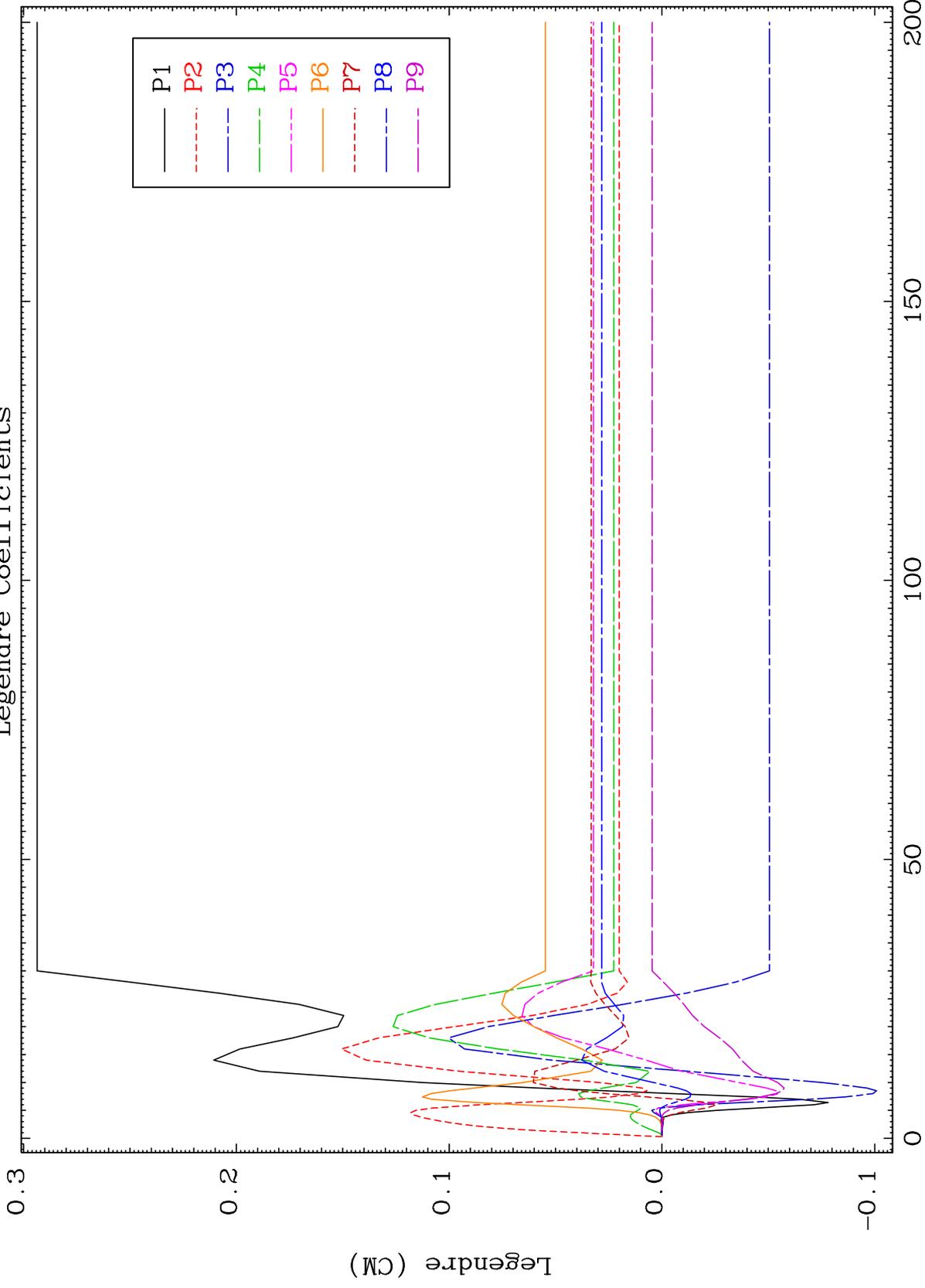
38

47-Ag-113

MAT 4743

280.0 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



39

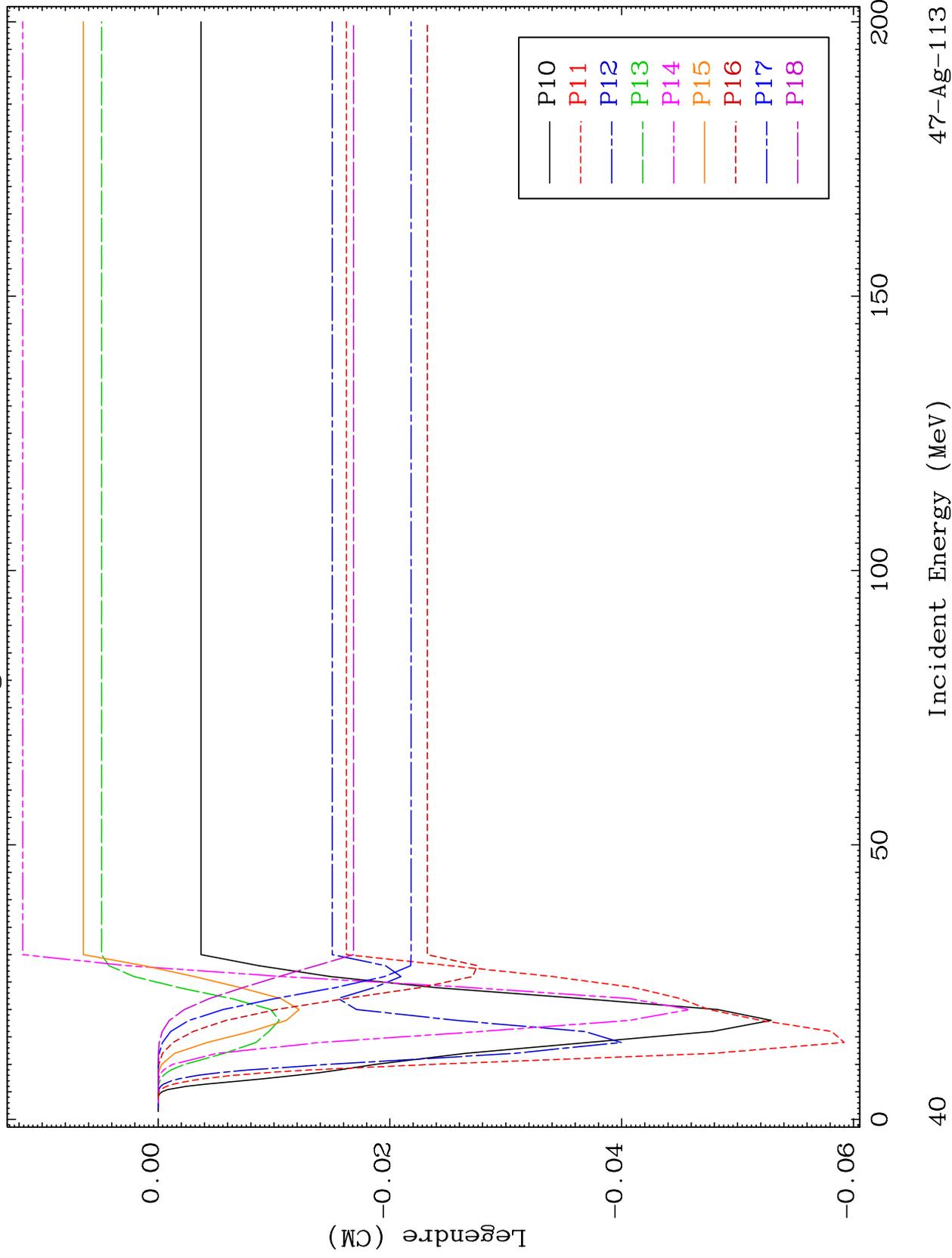
Incident Energy (MeV)

47-Ag-113

MAT 4743

280.0 keV (n,n') Level  
Legendre Coefficients

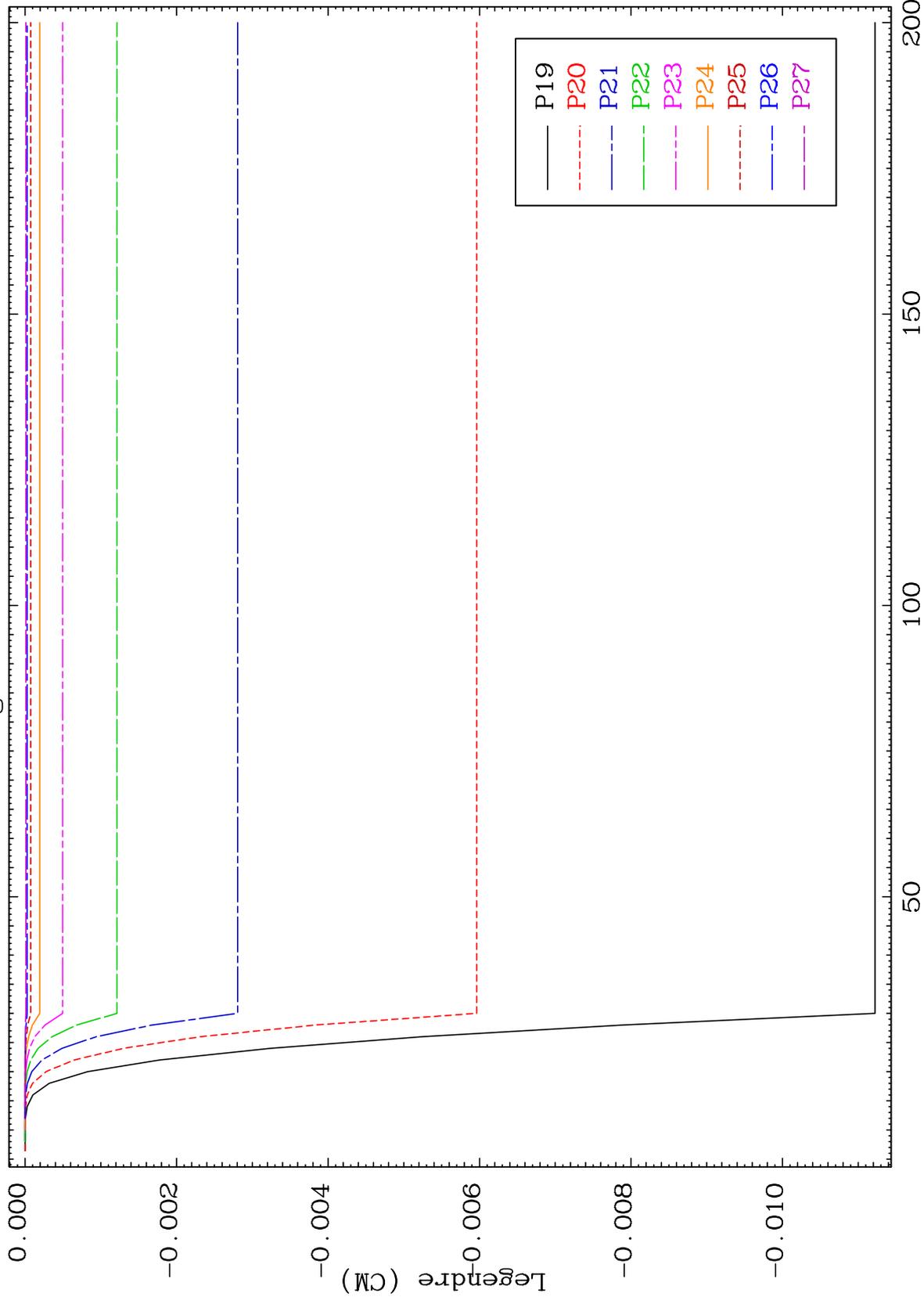
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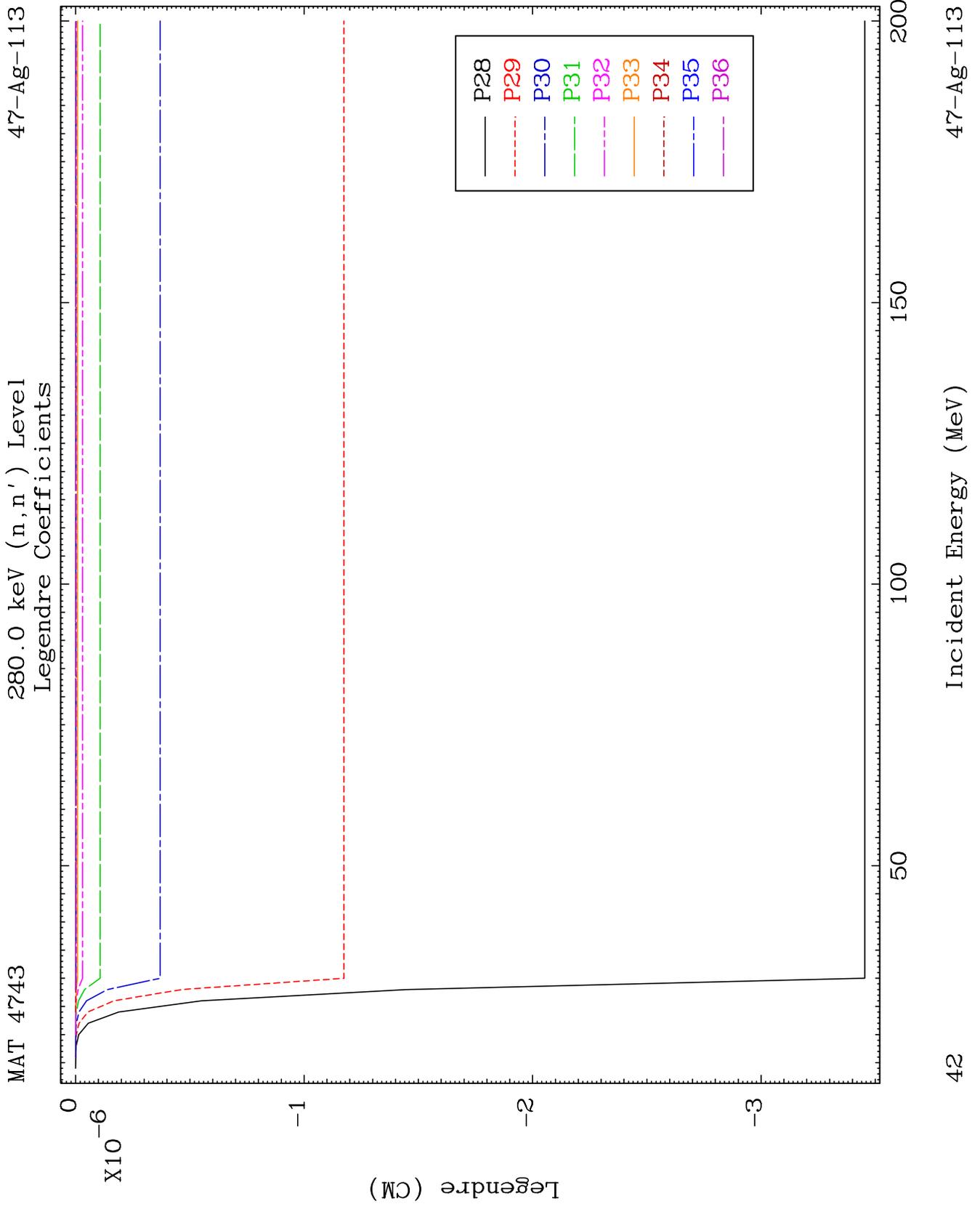


47-Ag-113

Incident Energy (MeV)

40

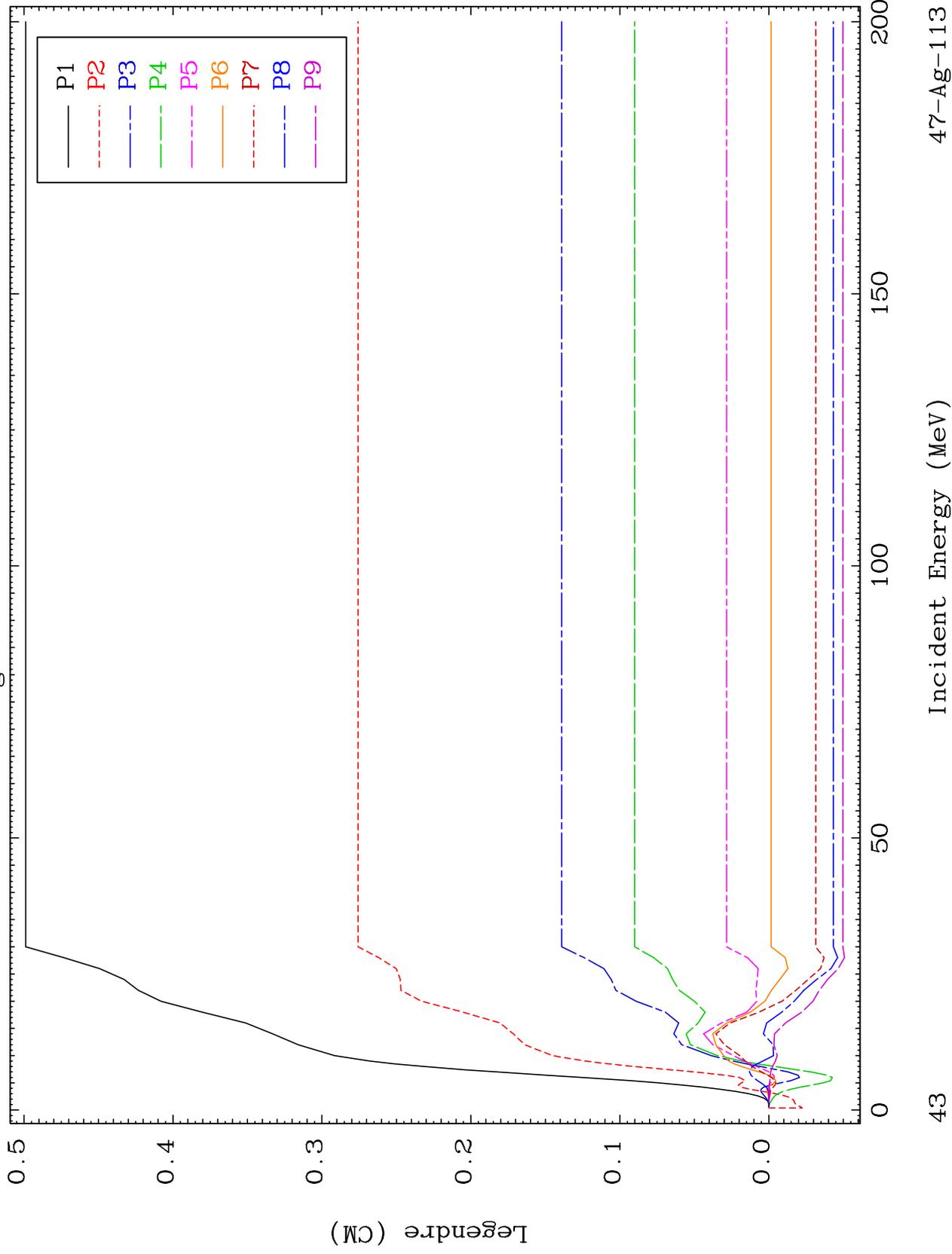




MAT 4743

366.8 keV (n,n') Level  
Legendre Coefficients

47-Ag-113

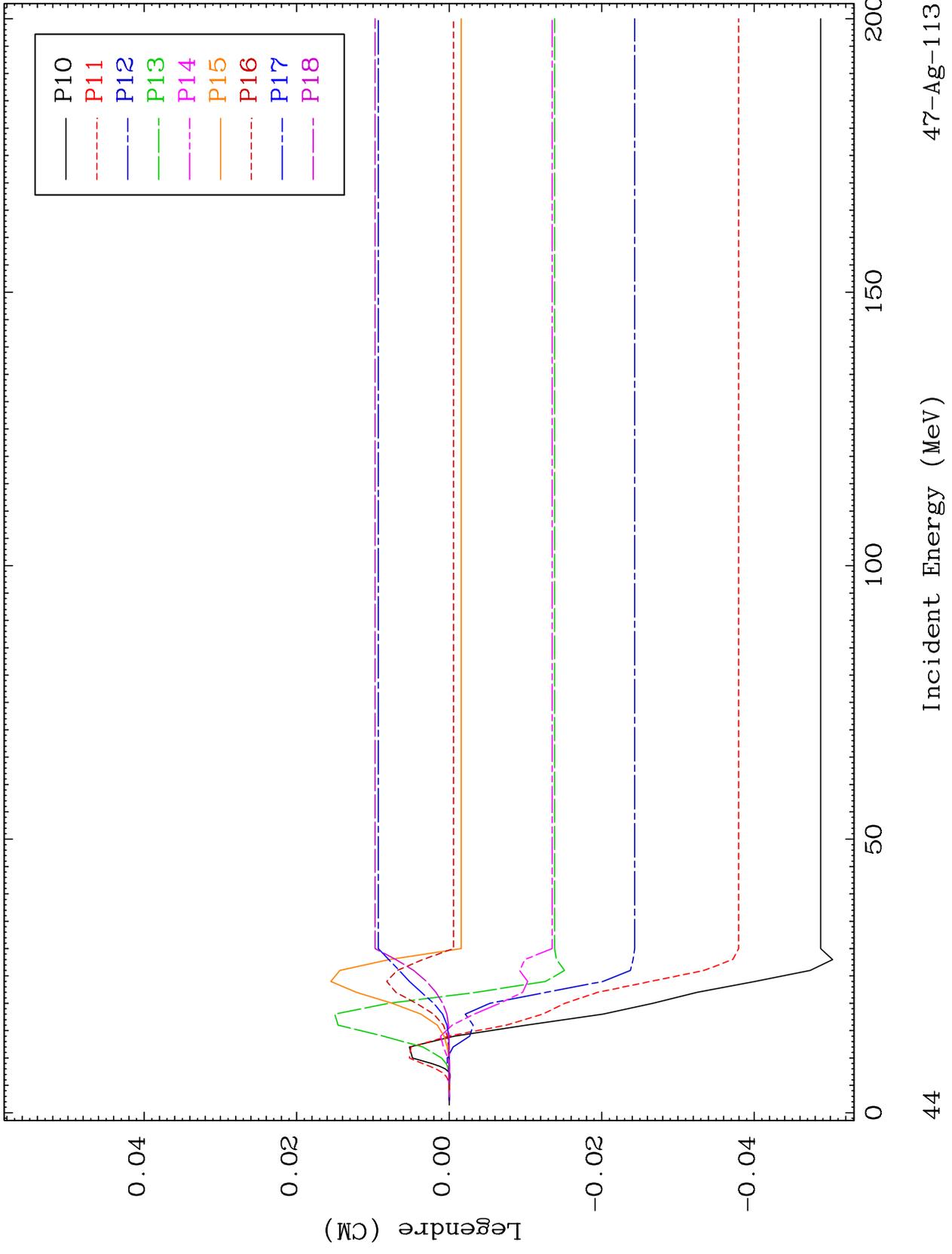


43

MAT 4743

366.8 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



44

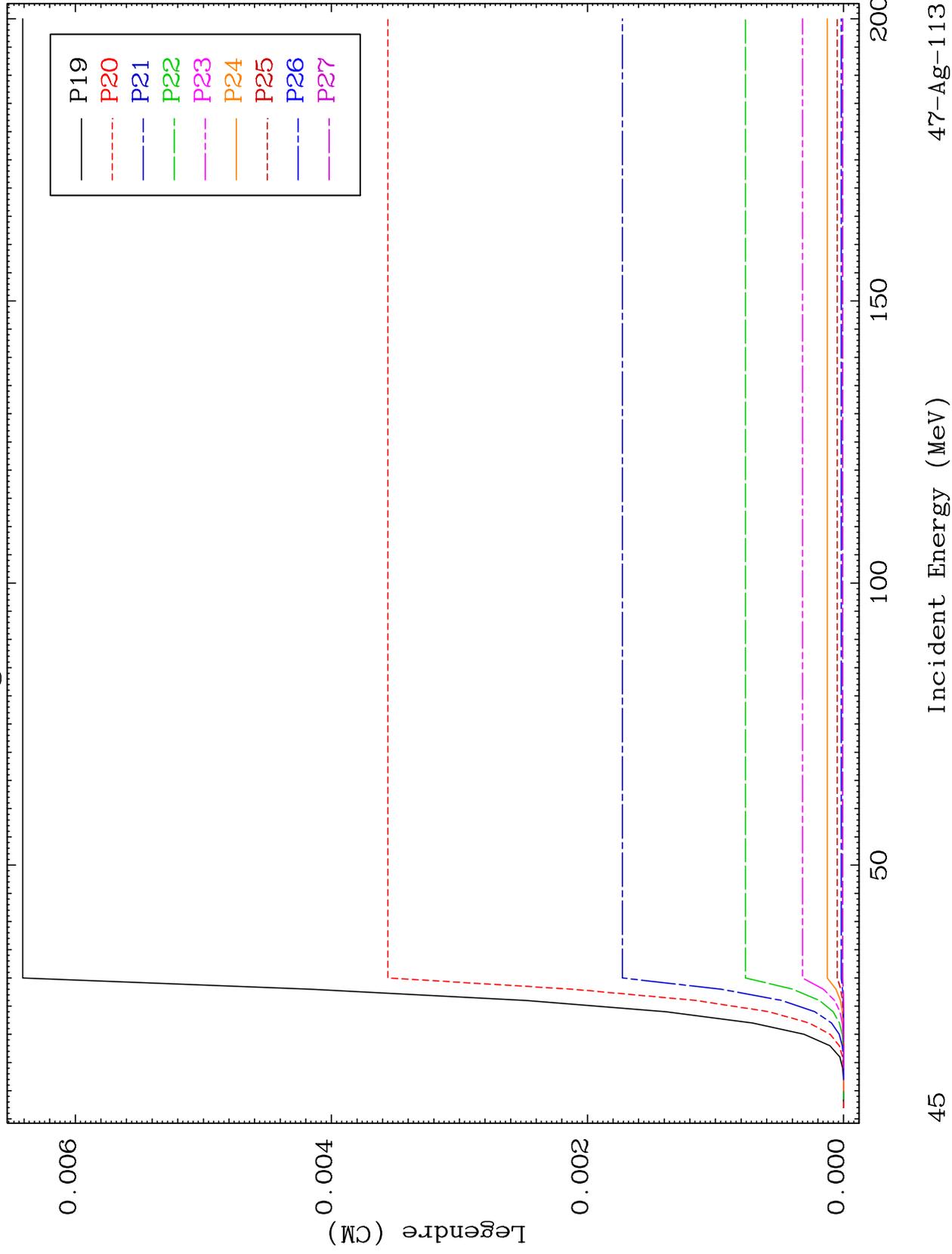
Incident Energy (MeV)

47-Ag-113

MAT 4743

366.8 keV (n, n') Level  
Legendre Coefficients

47-Ag-113



45

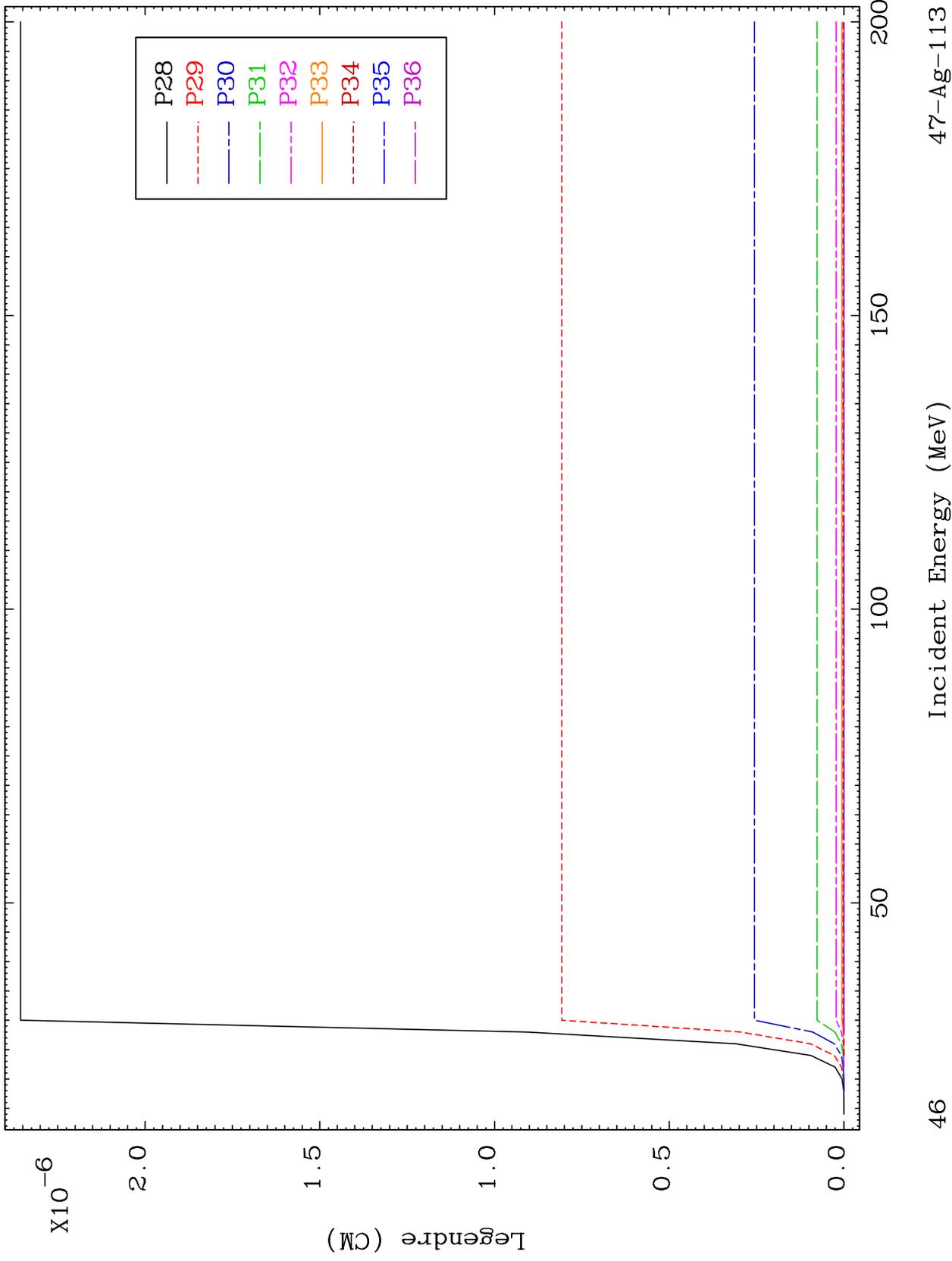
Incident Energy (MeV)

47-Ag-113

MAT 4743

366.8 keV (n, n') Level  
Legendre Coefficients

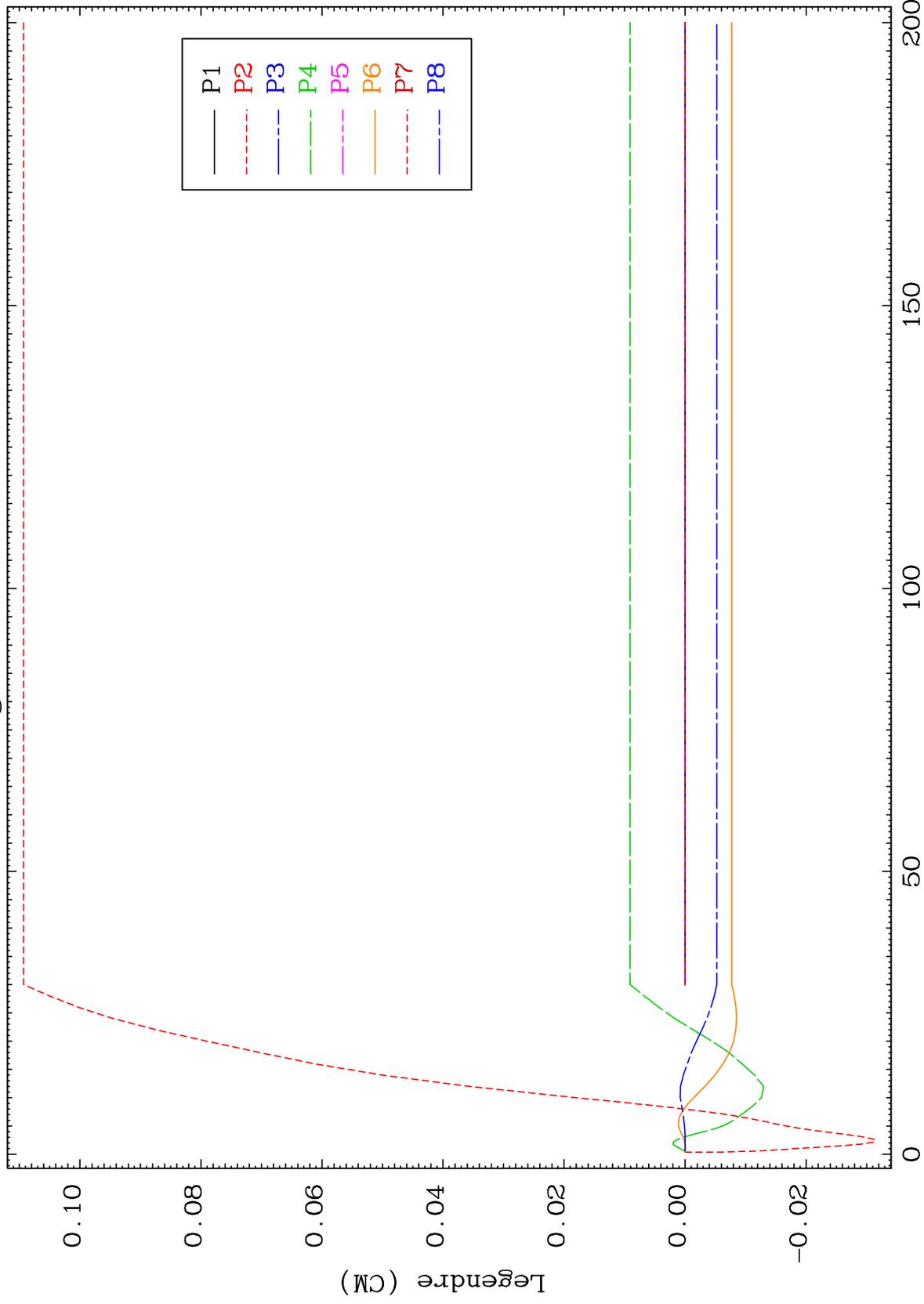
47-Ag-113



MAT 4743

369.8 keV (n, n') Level  
Legendre Coefficients

47-Ag-113



47

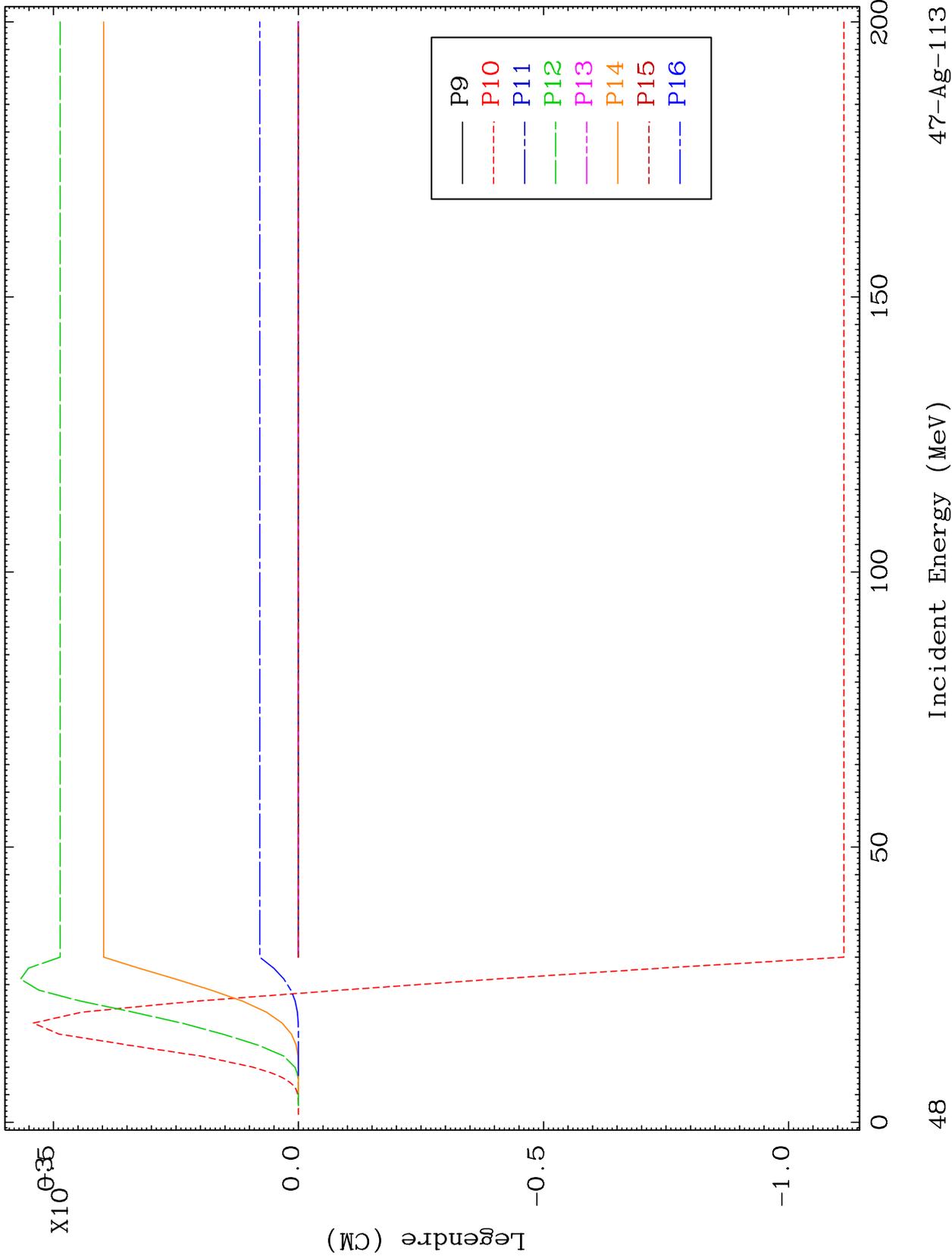
Incident Energy (MeV)

47-Ag-113

MAT 4743

369.8 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



47-Ag-113

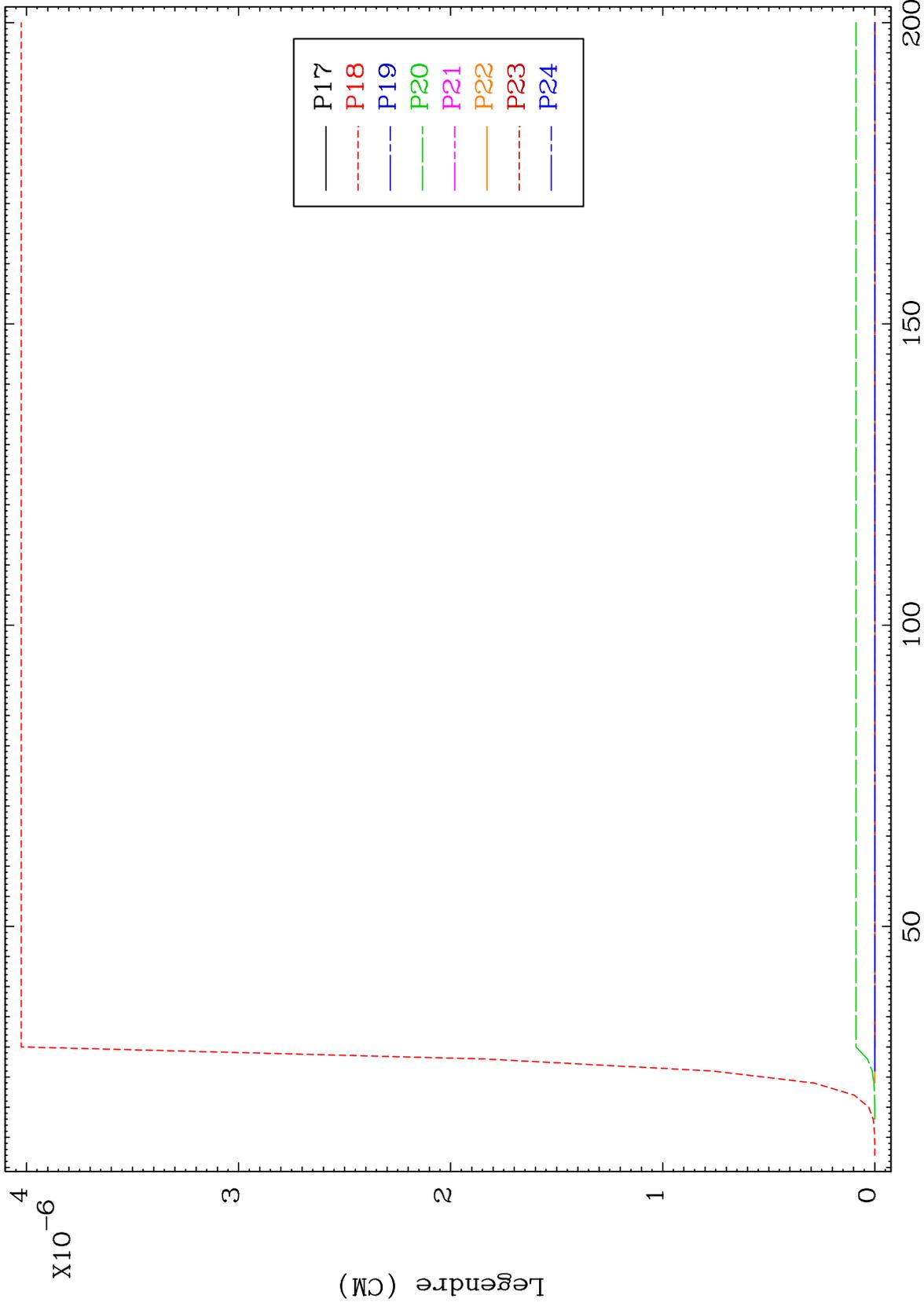
Incident Energy (MeV)

48

MAT 4743

369.8 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



49

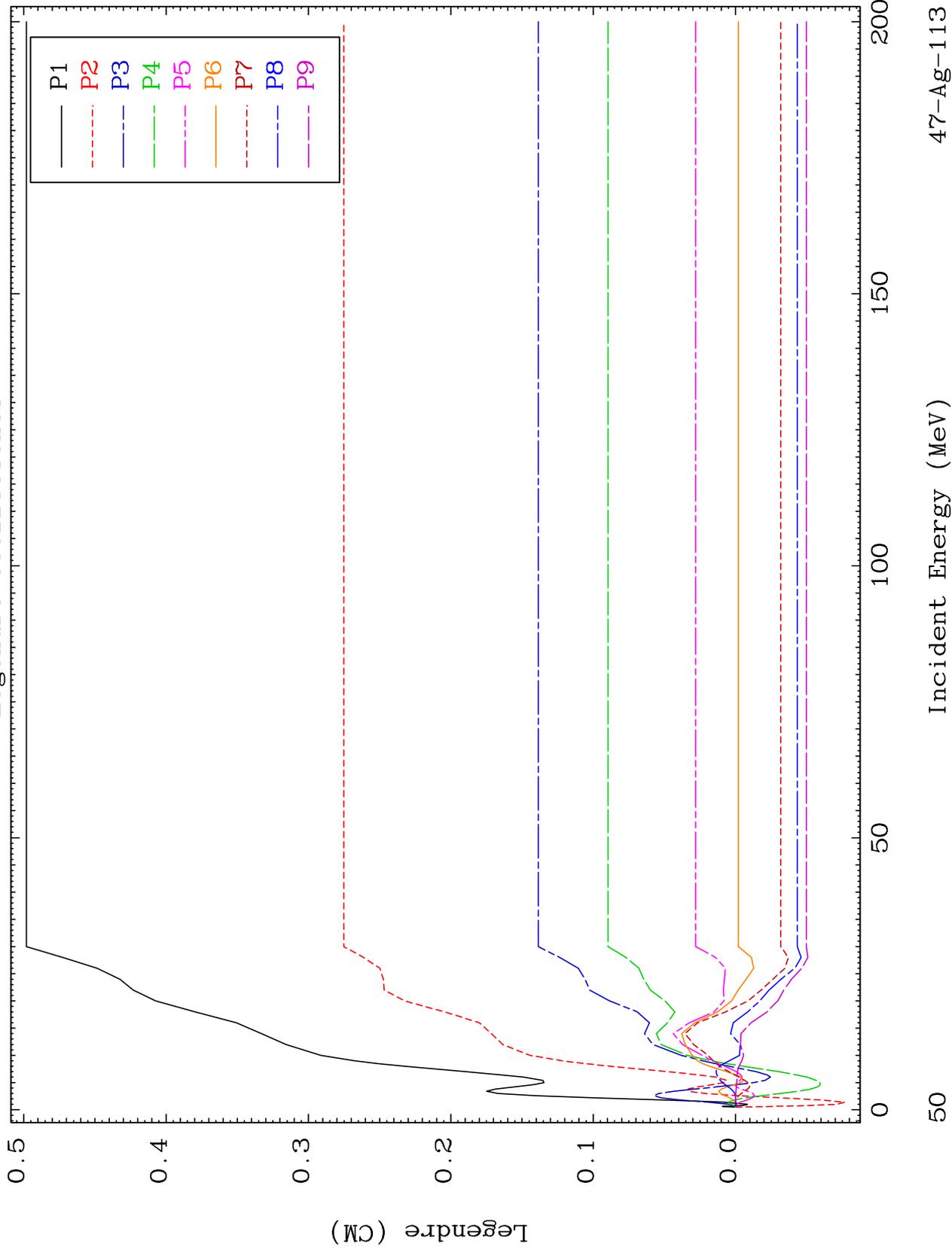
Incident Energy (MeV)

47-Ag-113

MAT 4743

476.7 keV (n,n') Level  
Legendre Coefficients

47-Ag-113

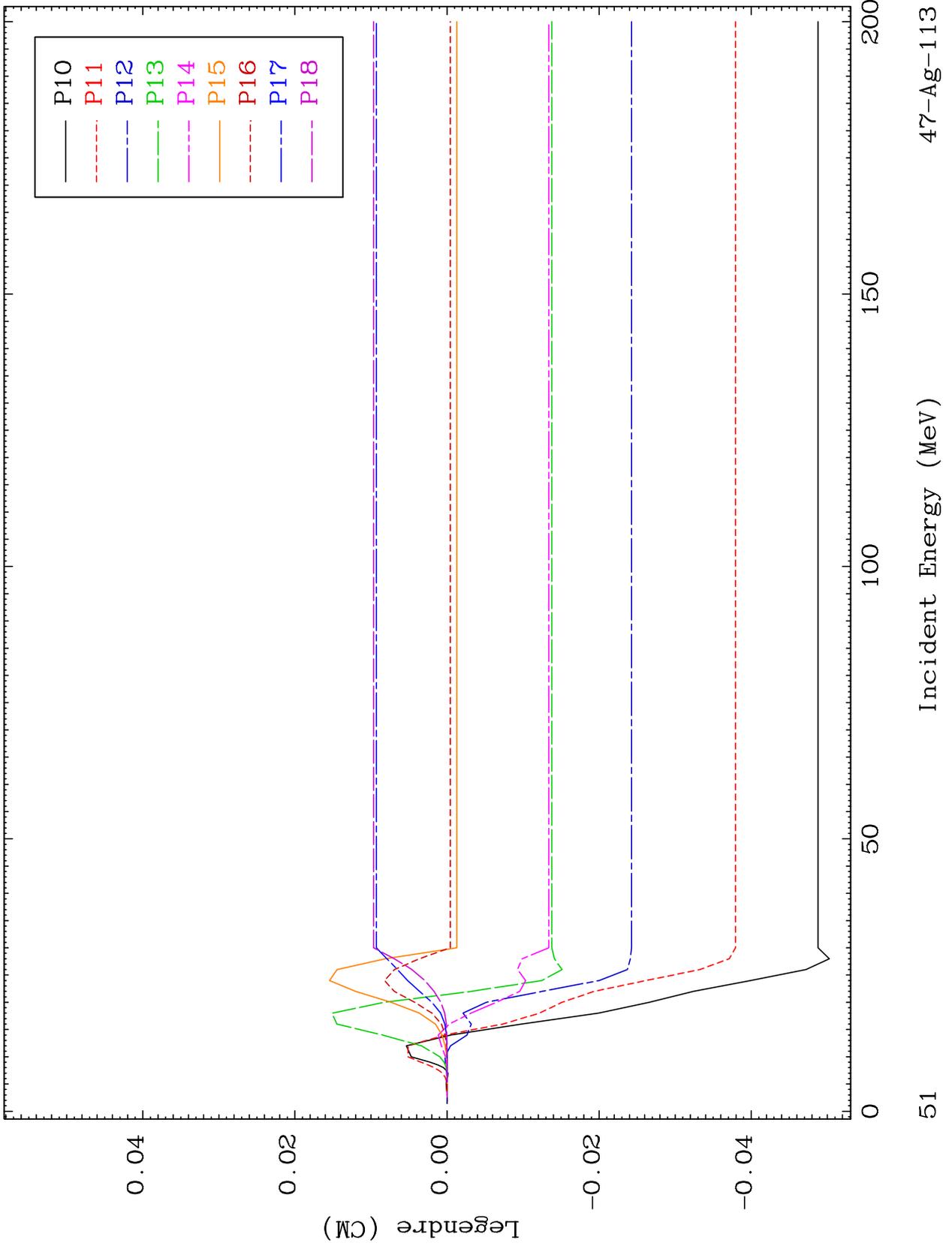


47-Ag-113

MAT 4743

476.7 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



51

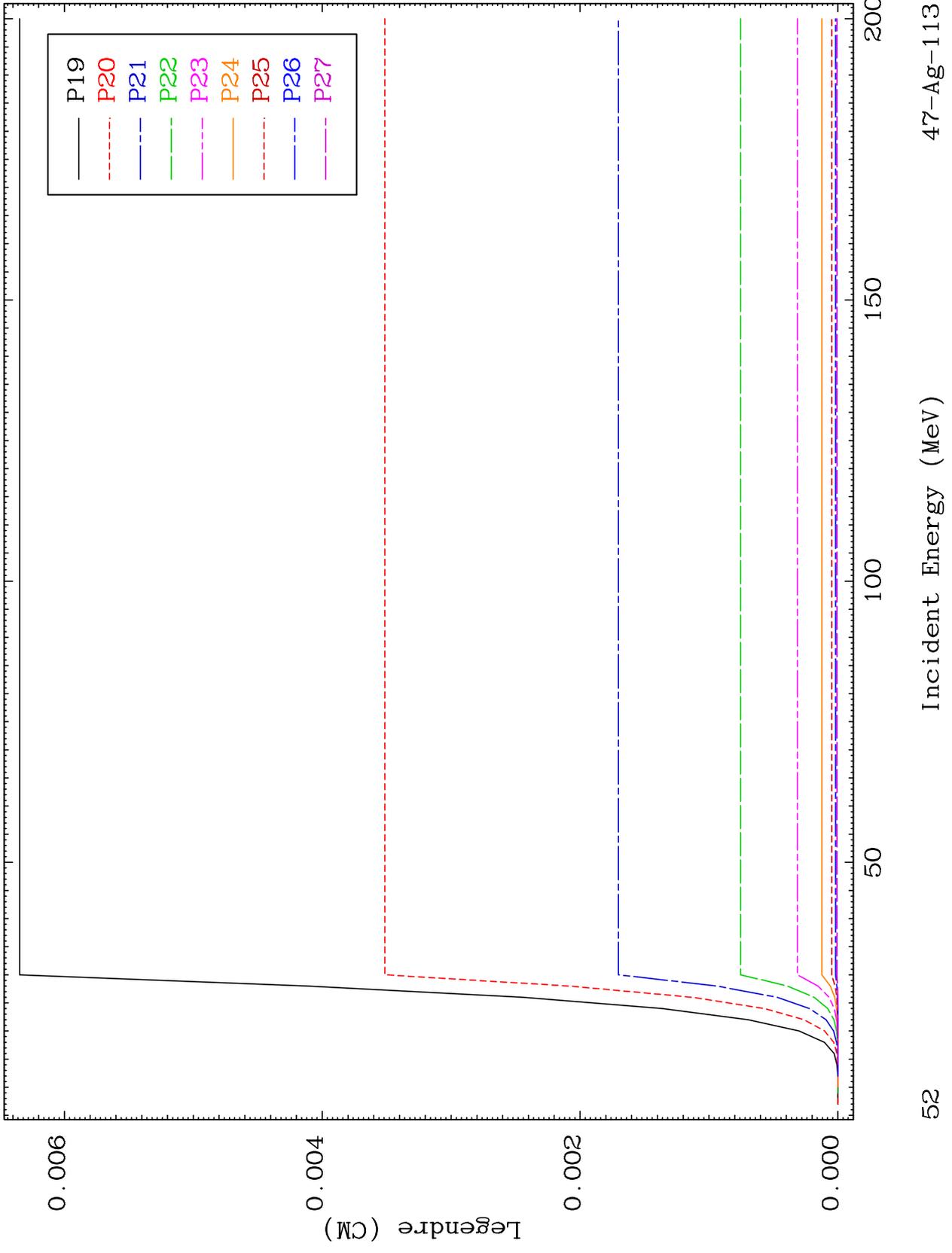
Incident Energy (MeV)

47-Ag-113

MAT 4743

476.7 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



52

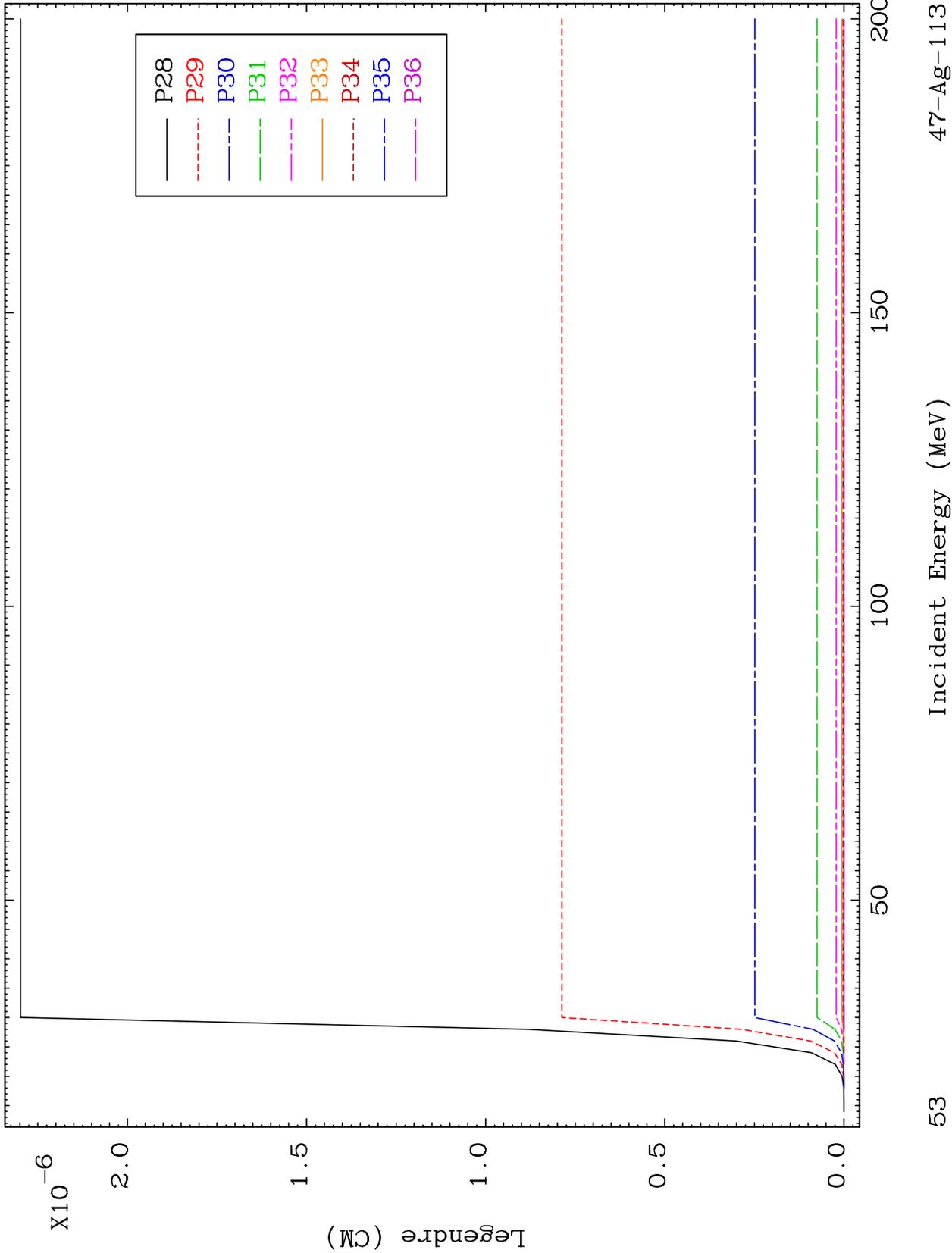
Incident Energy (MeV)

47-Ag-113

MAT 4743

476.7 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



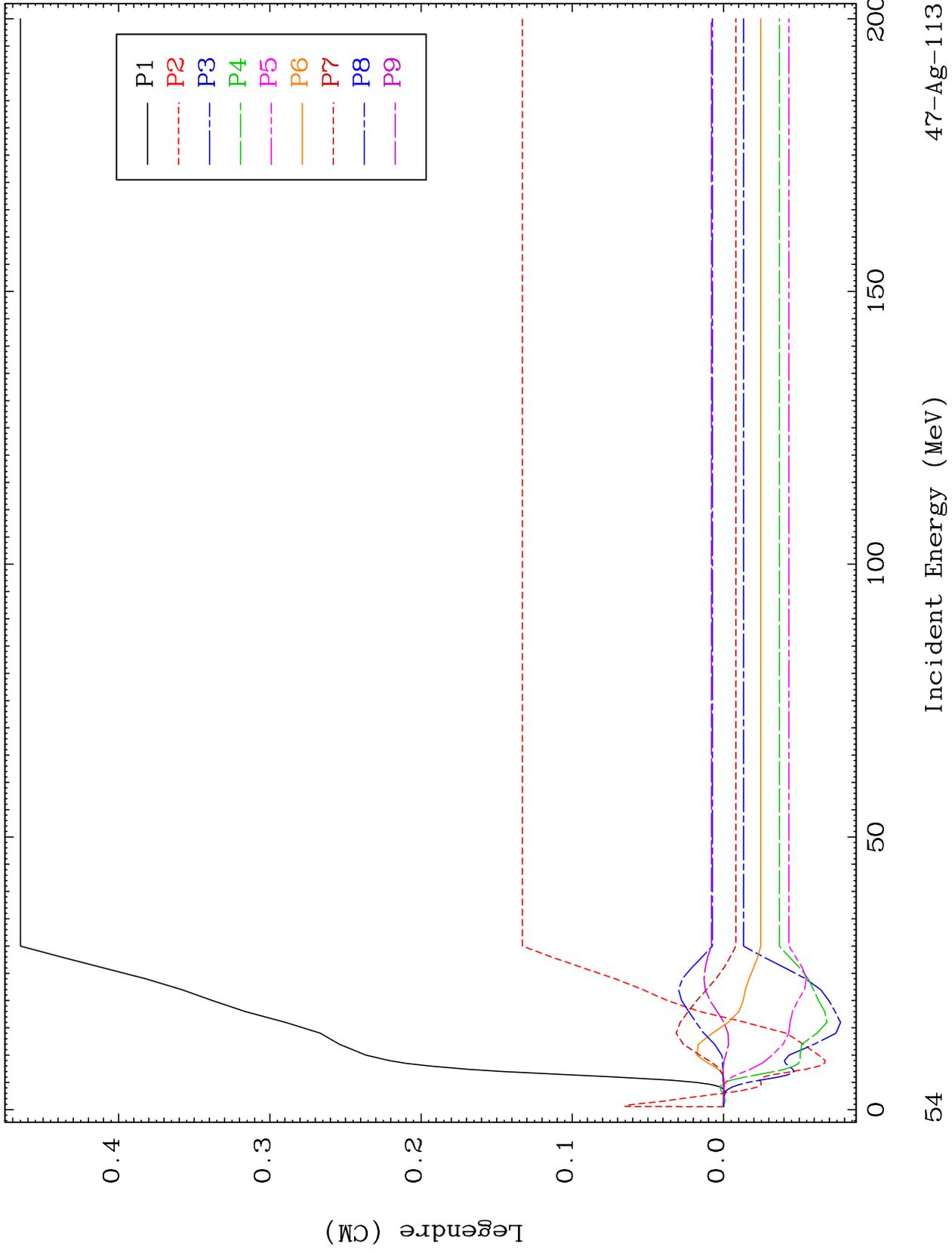
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47-Ag-113

MAT 4743

526.2 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



54

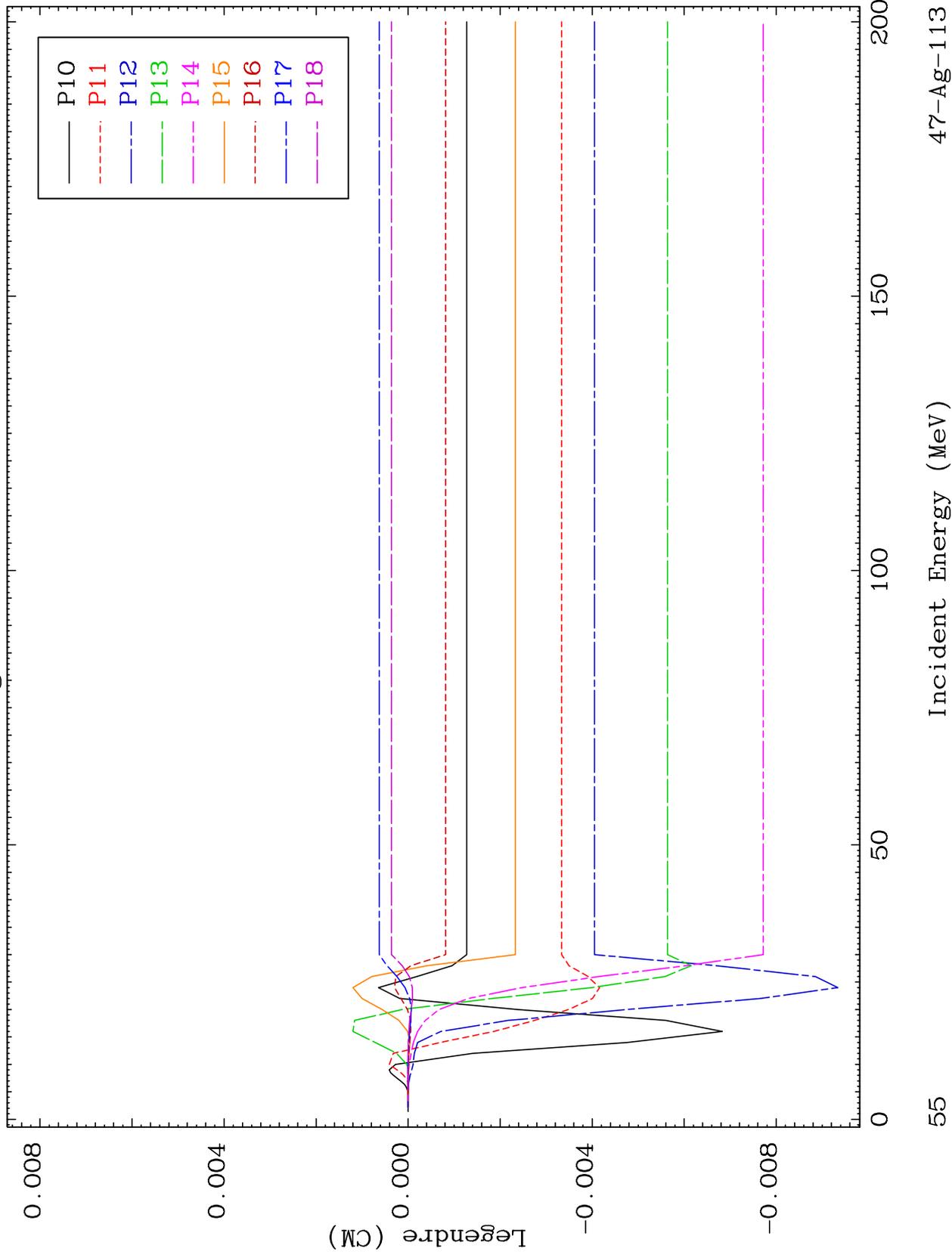
Incident Energy (MeV)

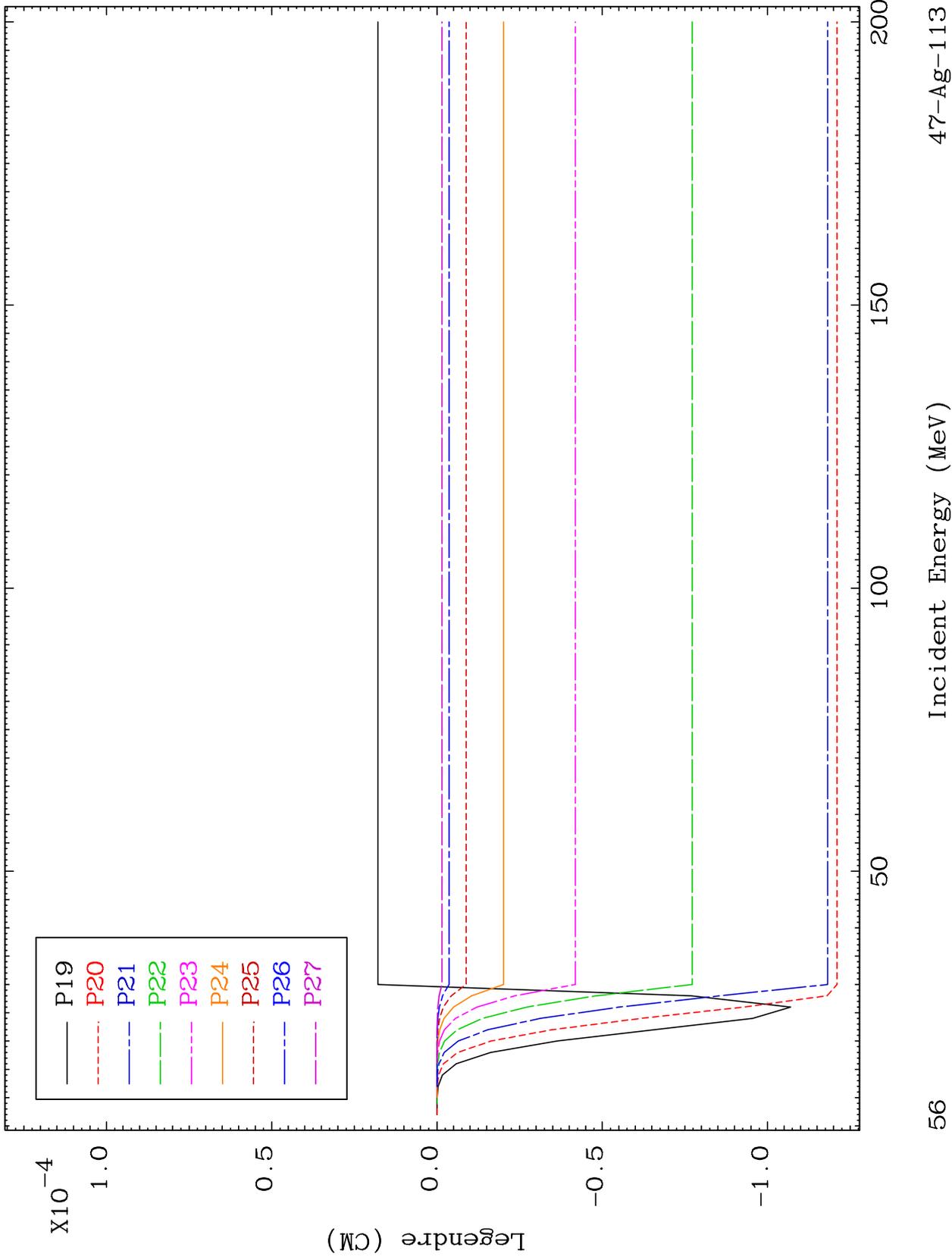
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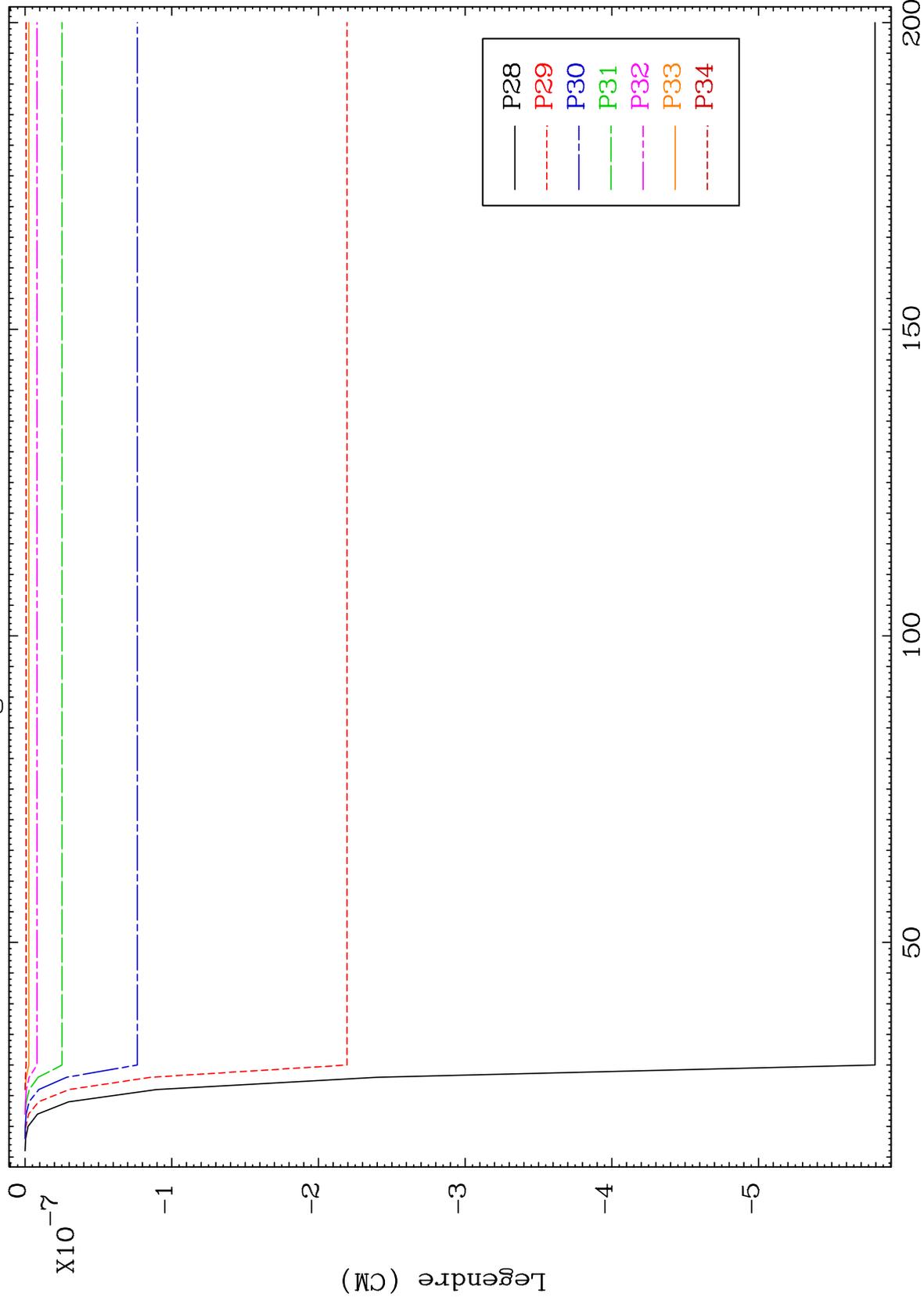
MAT 4743

526.2 keV (n, n') Level  
Legendre Coefficients

47-Ag-113



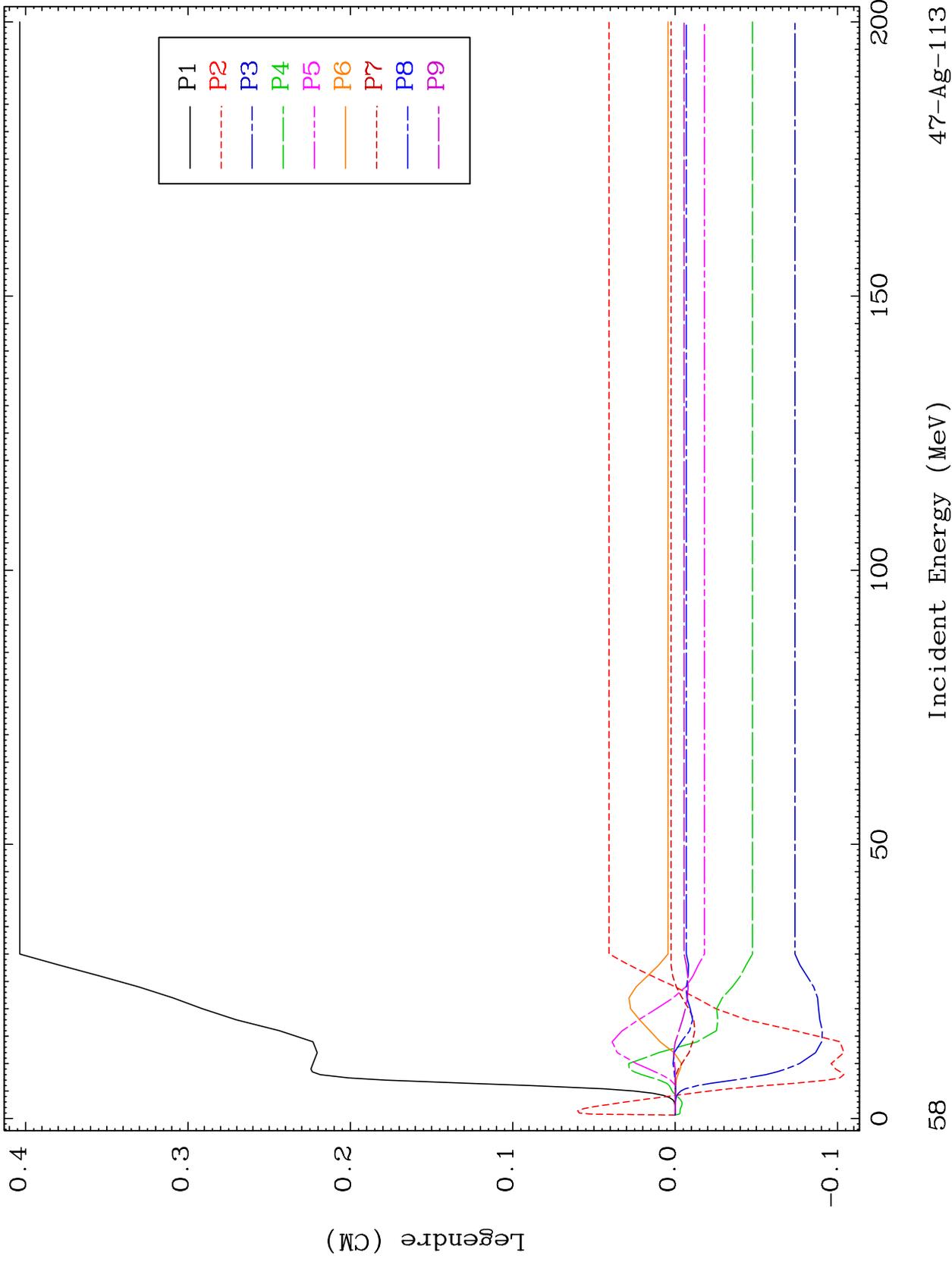




MAT 4743

607.1 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



47-Ag-113

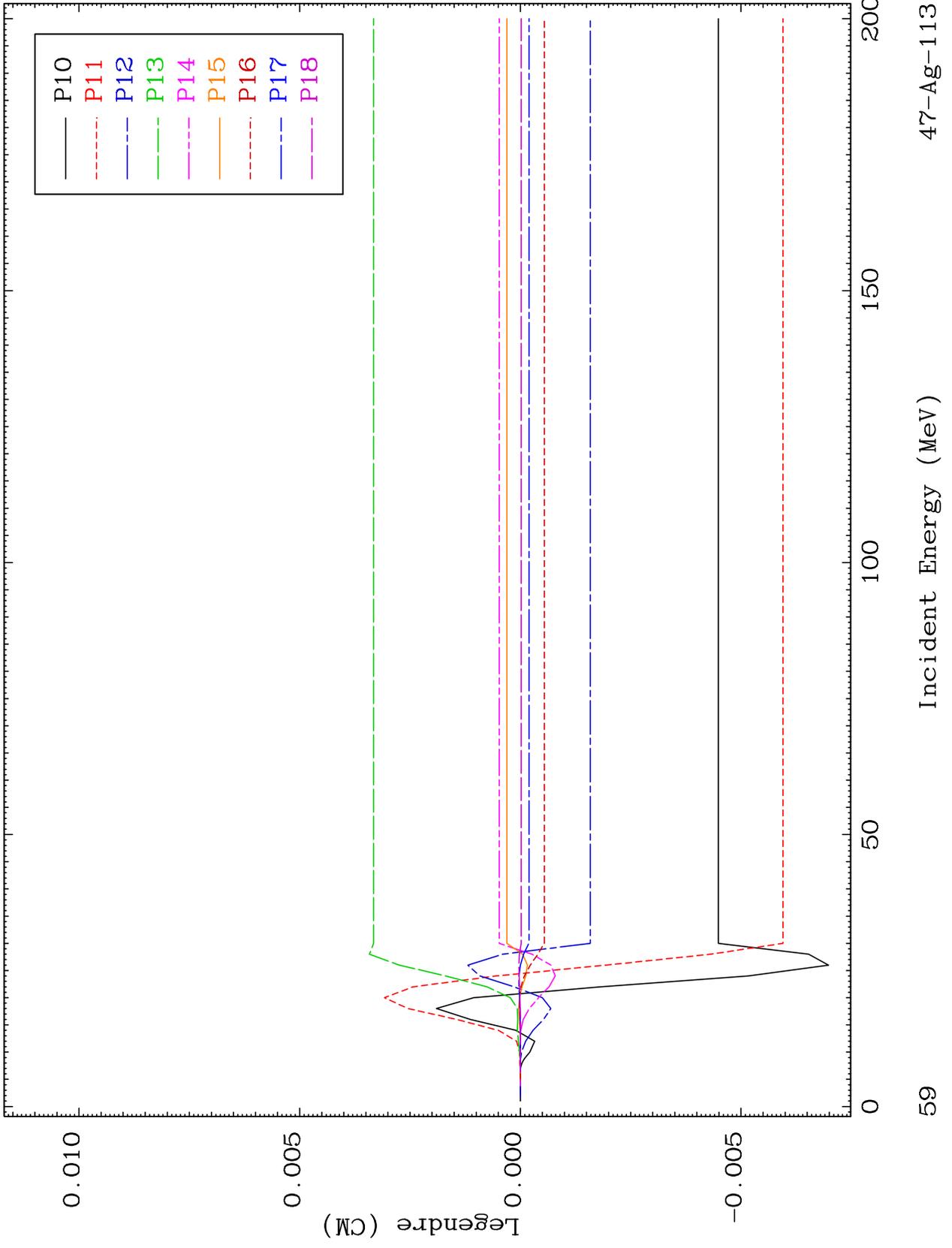
Incident Energy (MeV)

58

MAT 4743

607.1 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



59

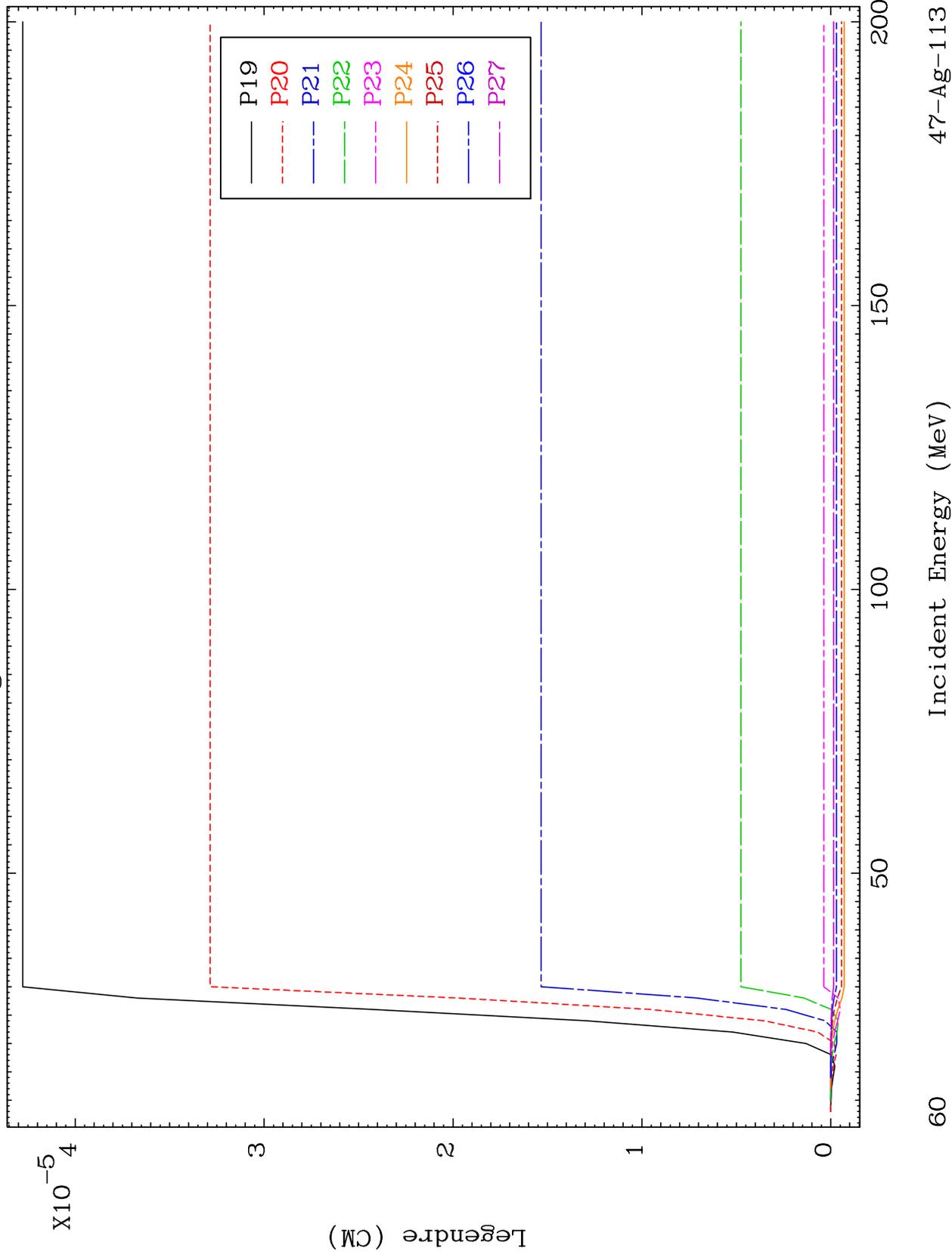
Incident Energy (MeV)

47-Ag-113

MAT 4743

607.1 keV (n,n') Level  
Legendre Coefficients

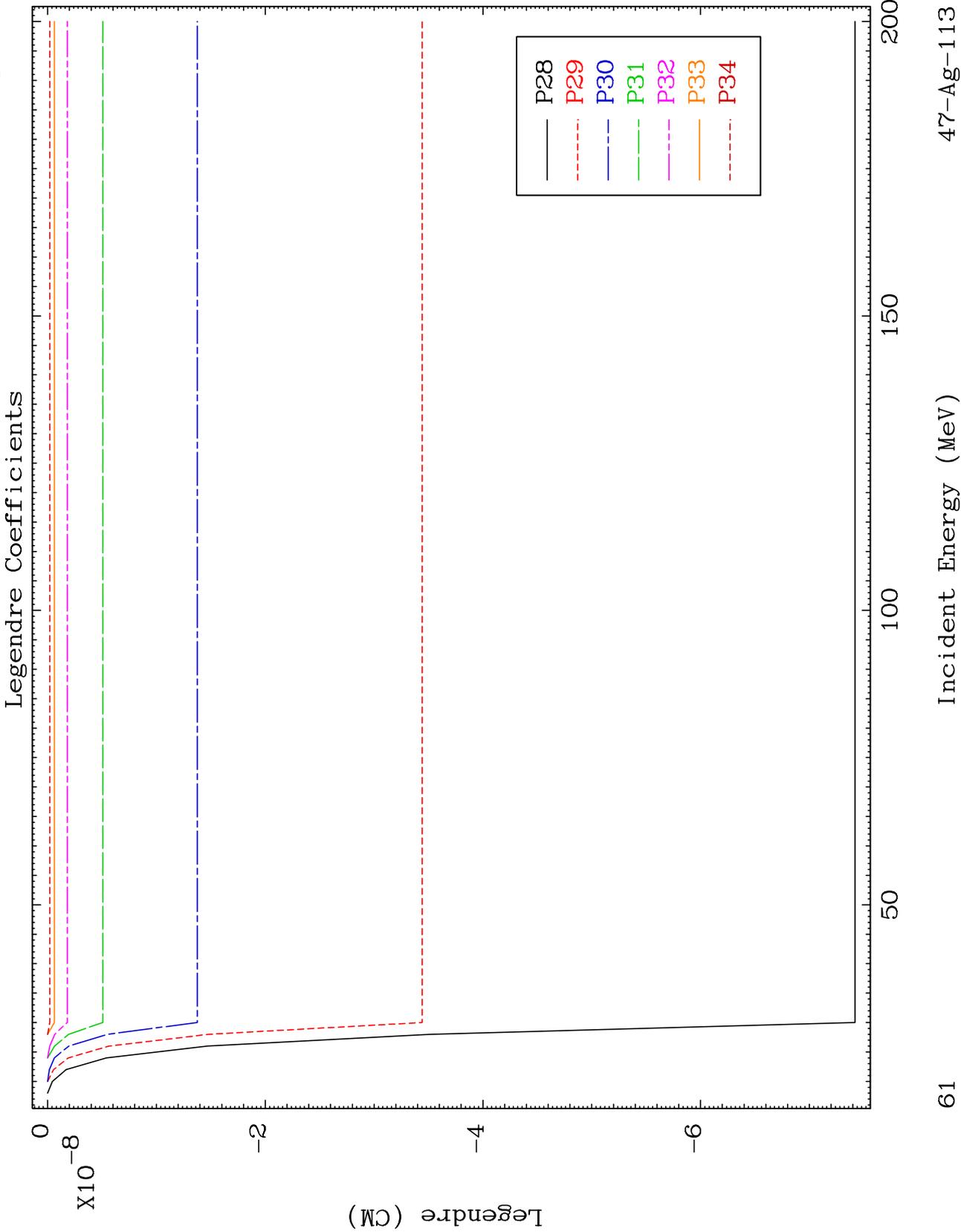
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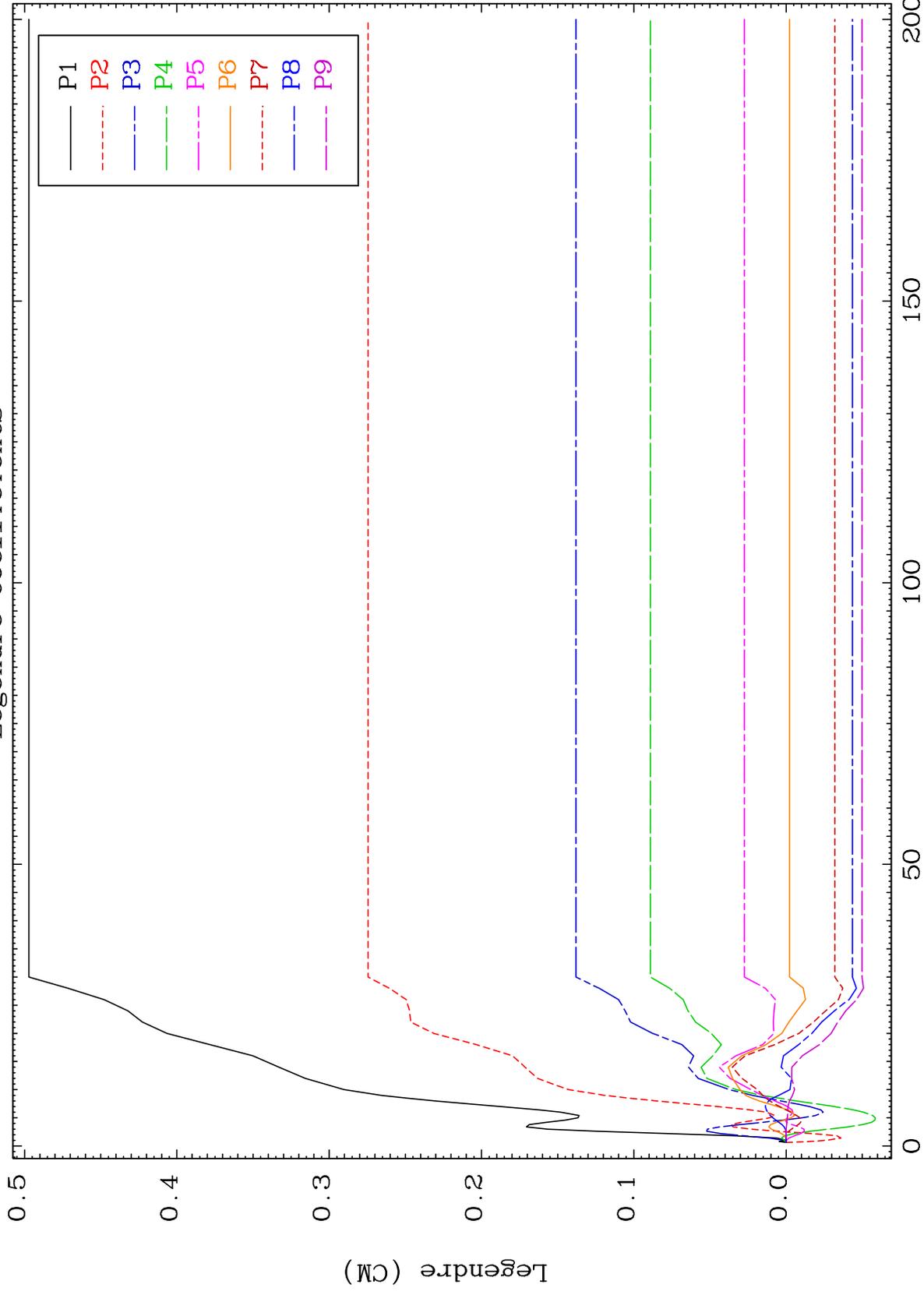


60

Incident Energy (MeV)

47-Ag-113

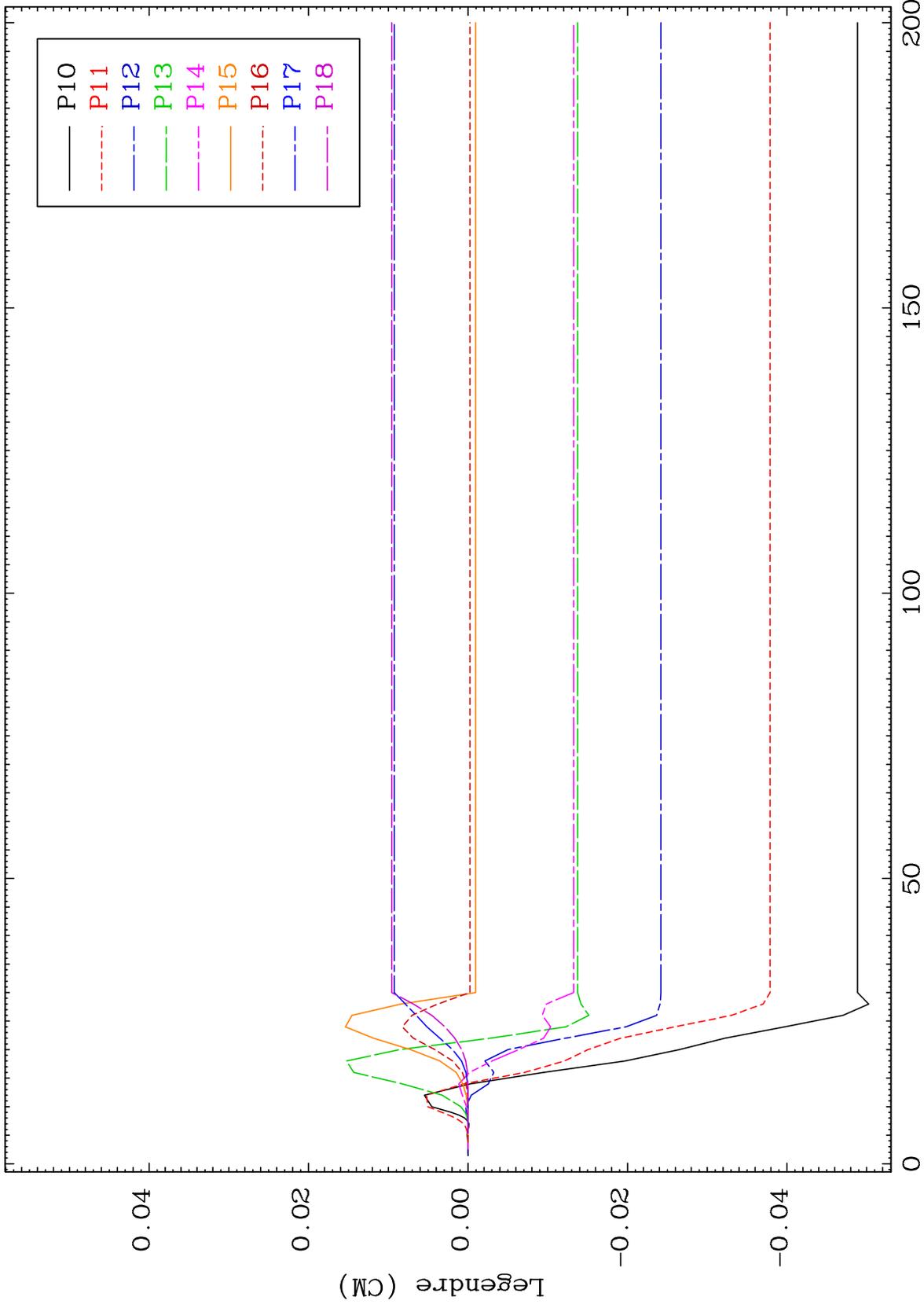




MAT 4743

611.3 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



63

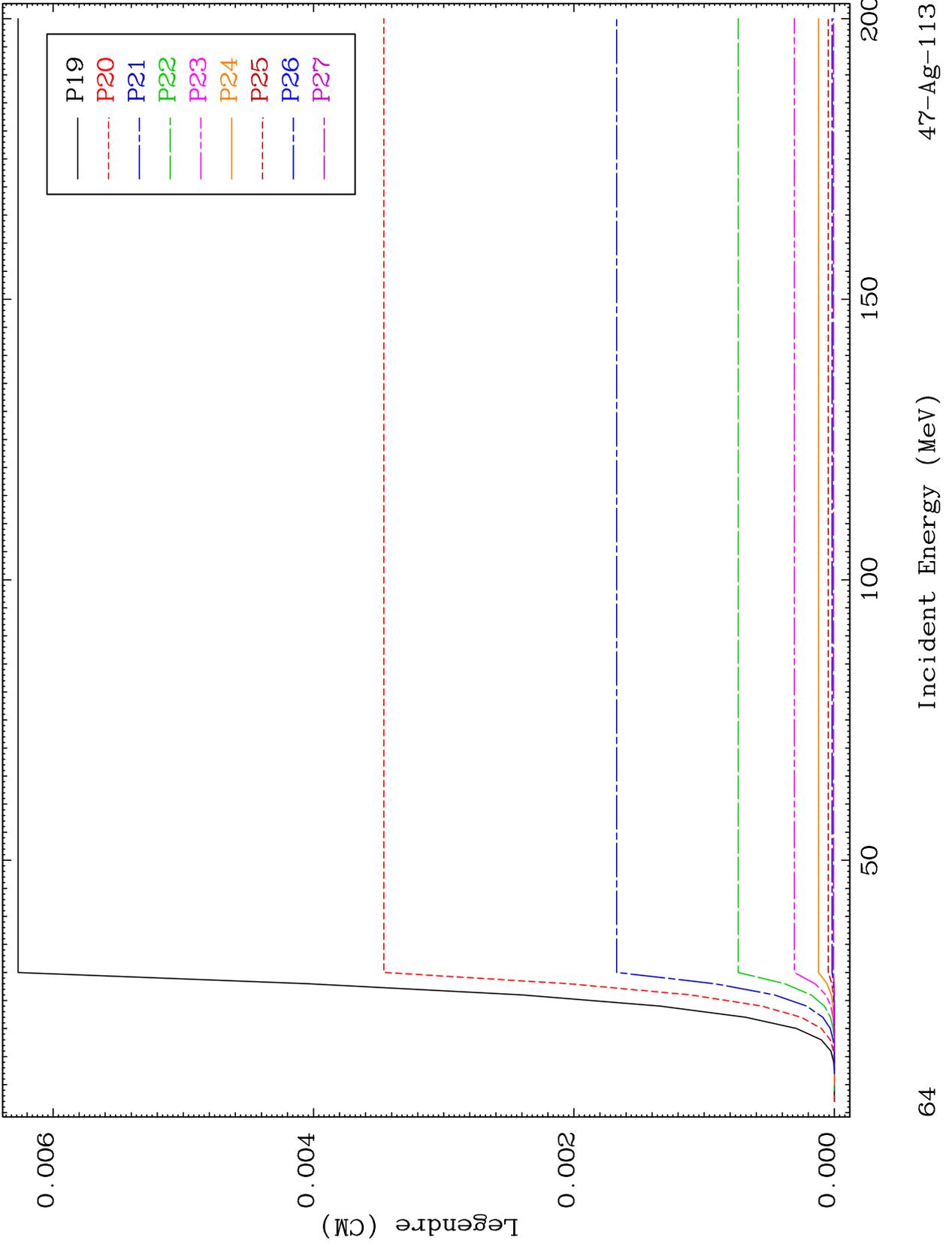
Incident Energy (MeV)

47-Ag-113

MAT 4743

611.3 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



64

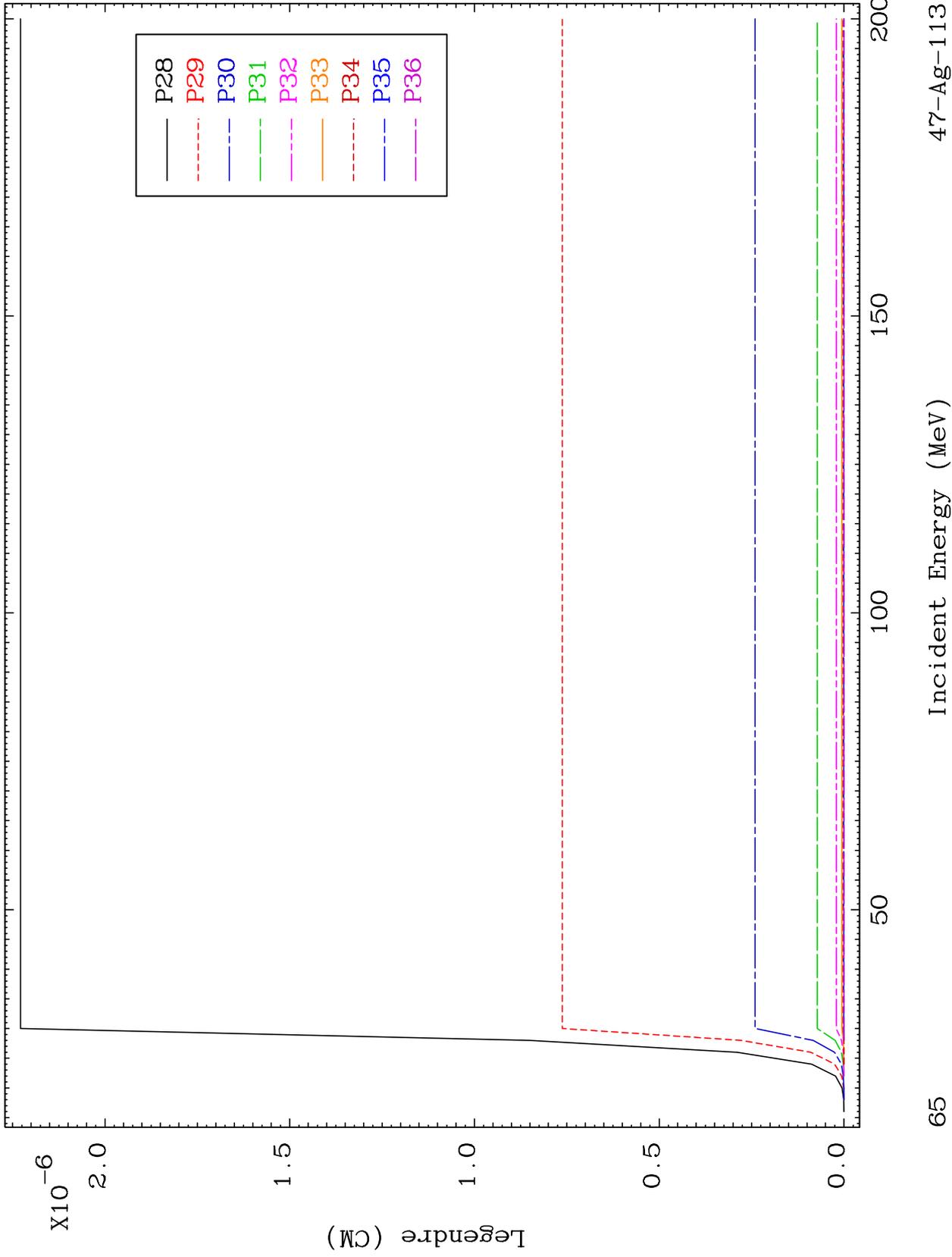
Incident Energy (MeV)

47-Ag-113

MAT 4743

611.3 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



65

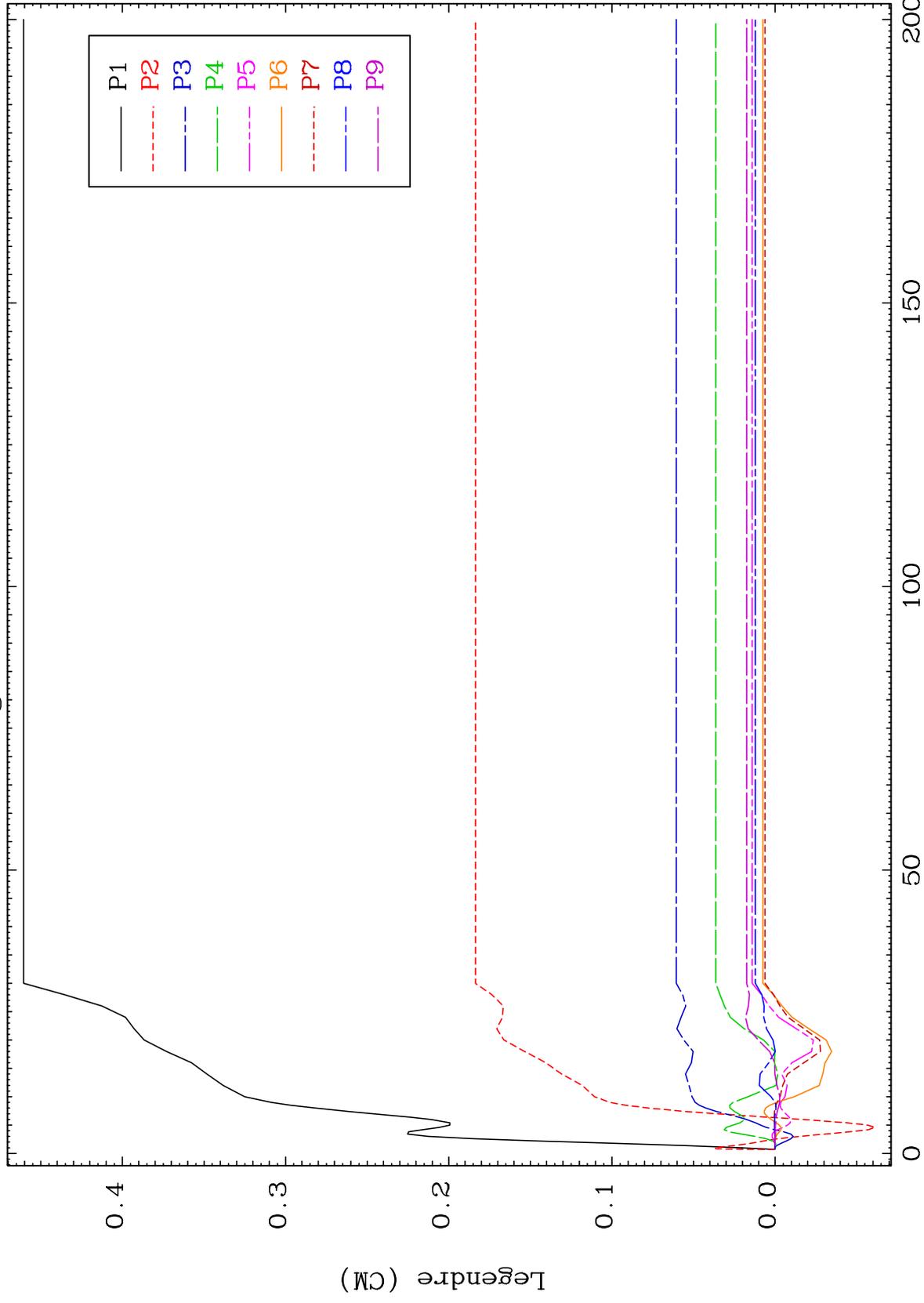
Incident Energy (MeV)

47-Ag-113

MAT 4743

673.3 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



66

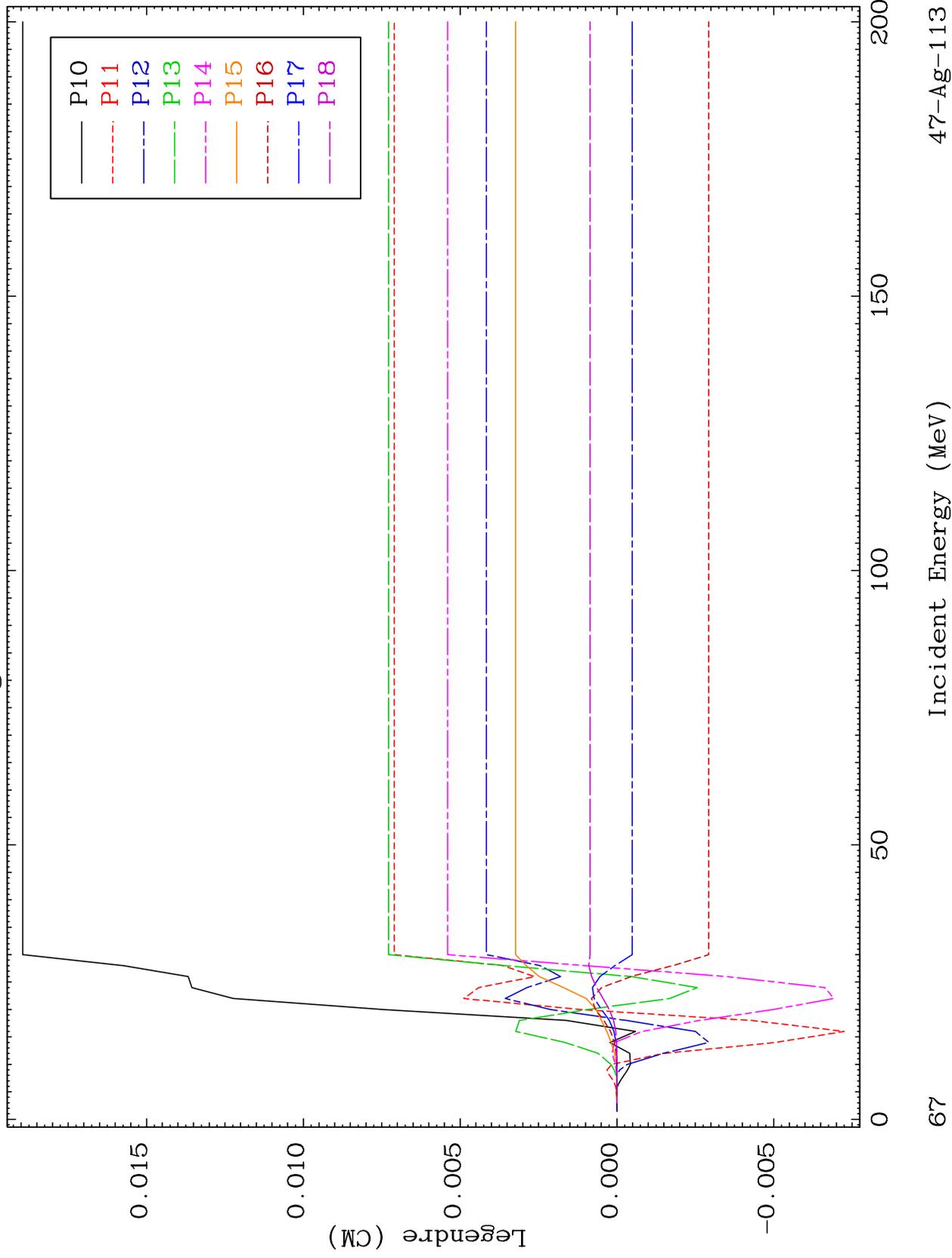
Incident Energy (MeV)

47-Ag-113

MAT 4743

673.3 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



47-Ag-113

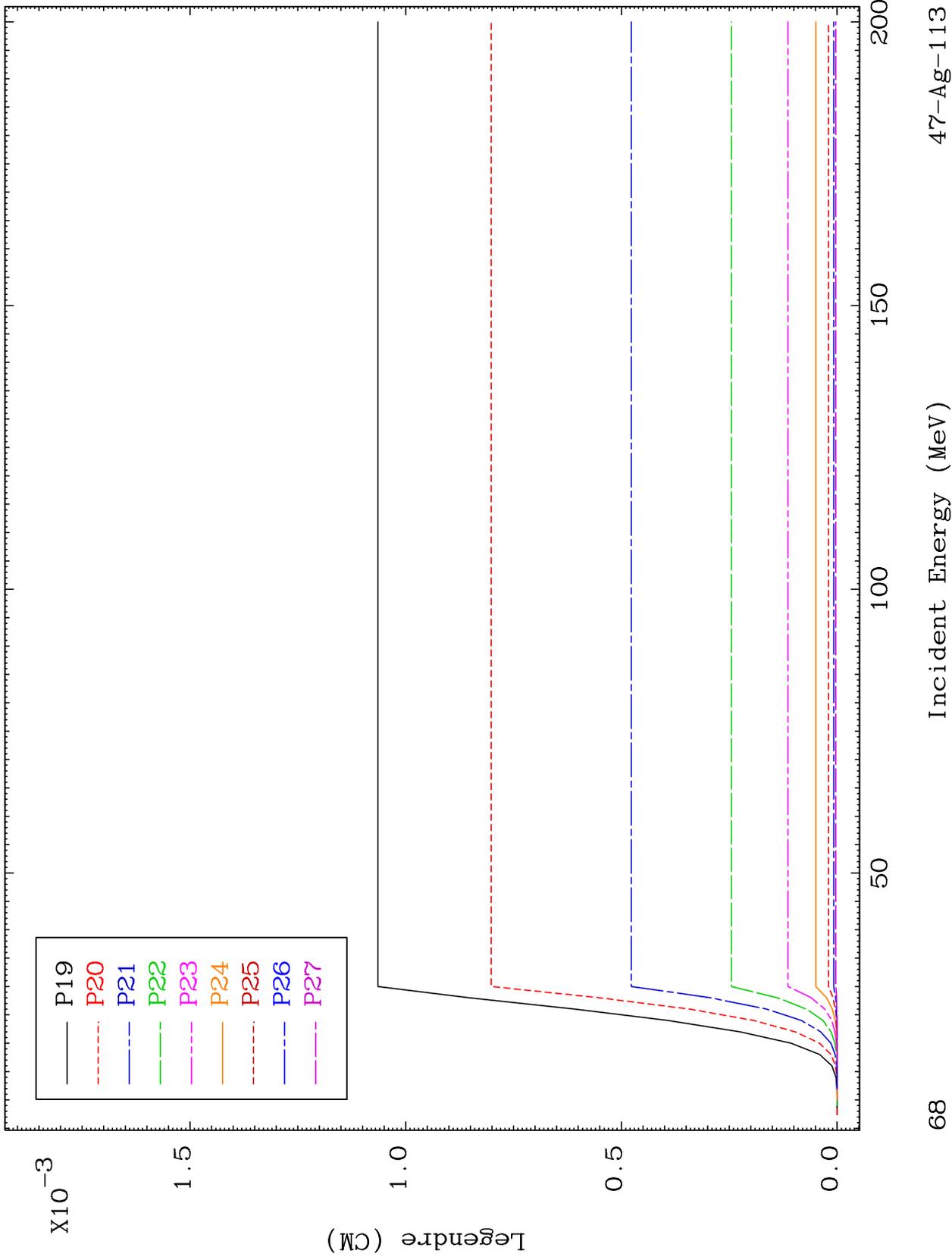
Incident Energy (MeV)

67

MAT 4743

673.3 keV (n,n') Level  
Legendre Coefficients

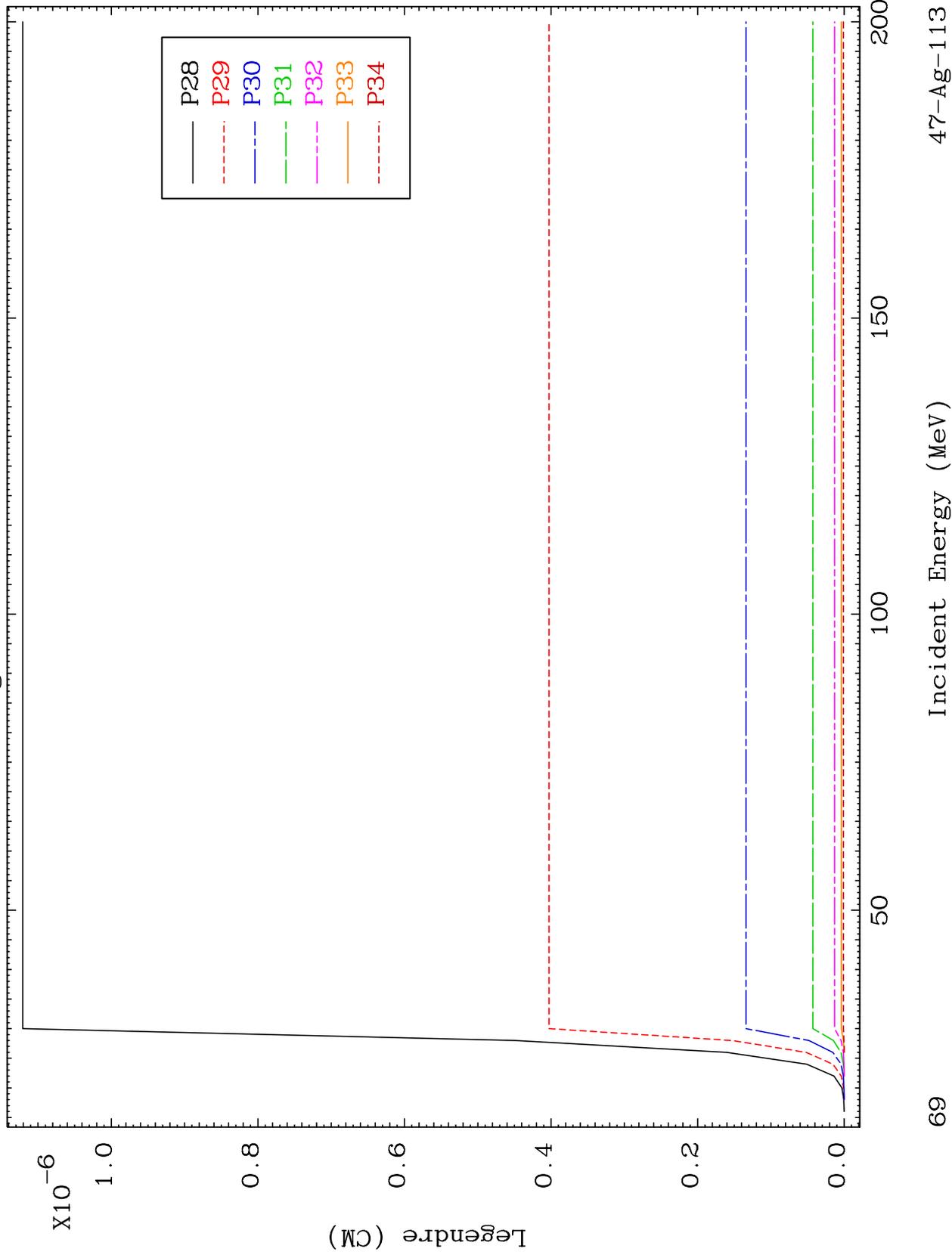
47-Ag-113



MAT 4743

673.3 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



69

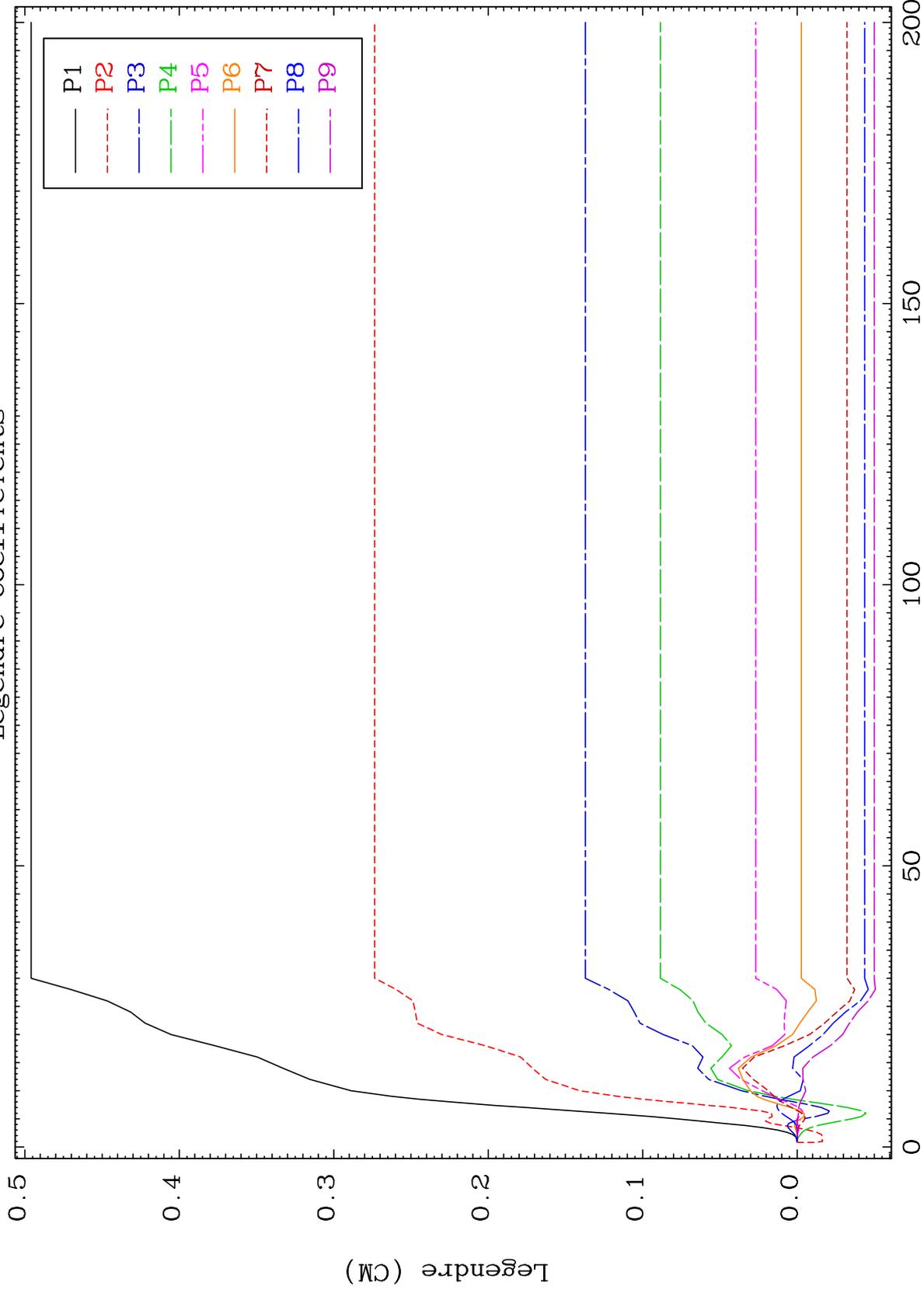
Incident Energy (MeV)

47-Ag-113

MAT 4743

781.8 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



47-Ag-113

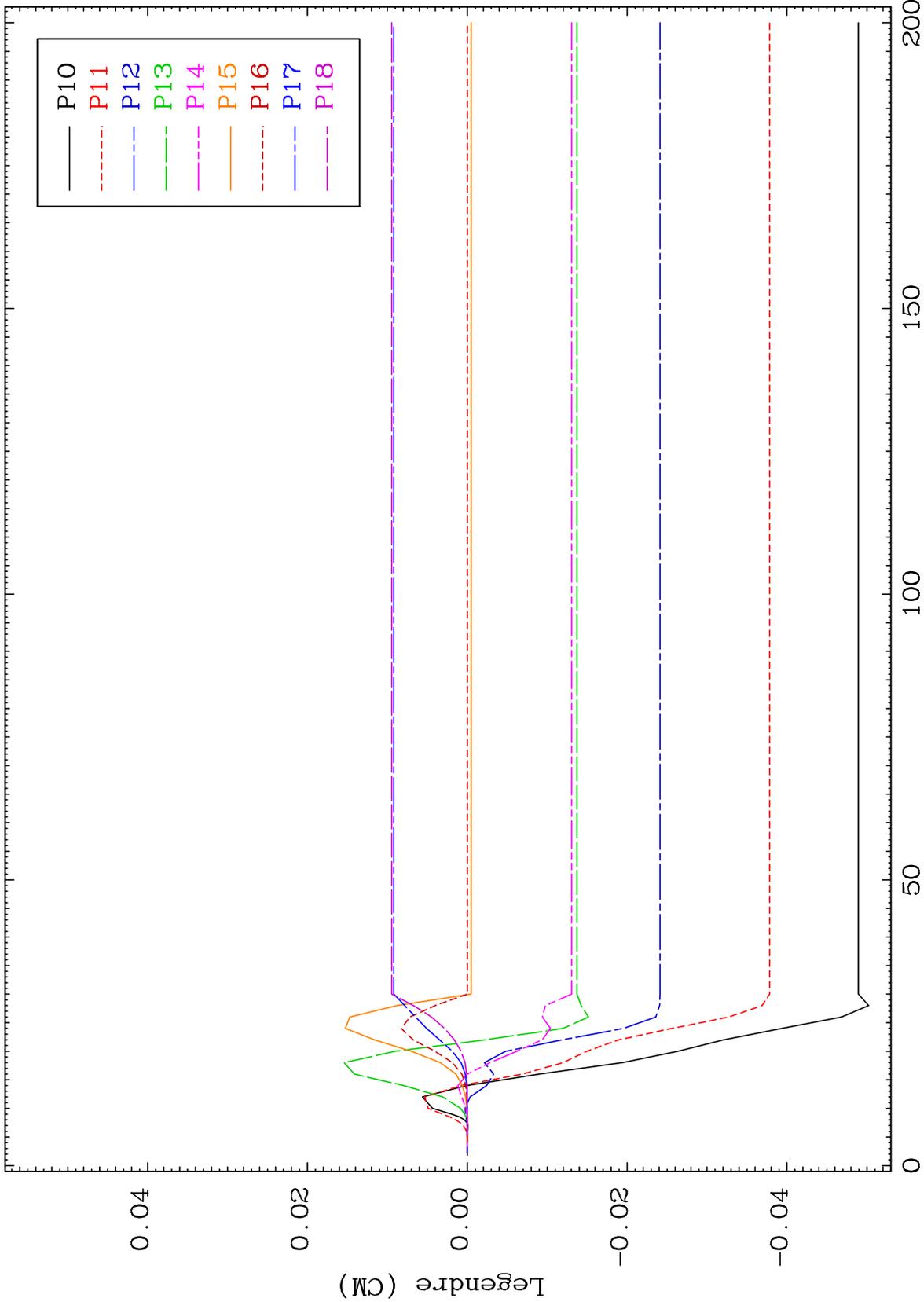
Incident Energy (MeV)

70

MAT 4743

781.8 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



71

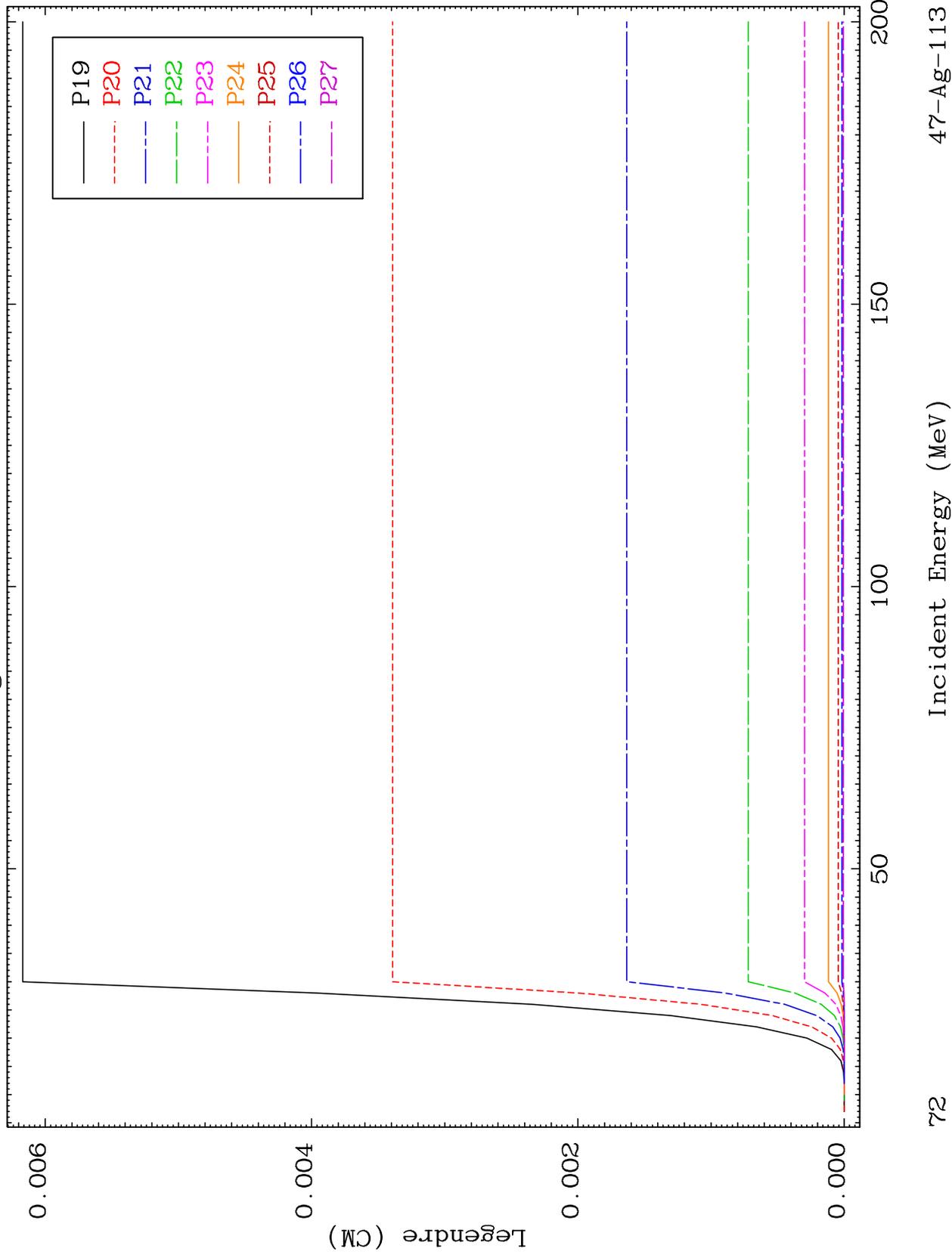
Incident Energy (MeV)

47-Ag-113

MAT 4743

781.8 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



72

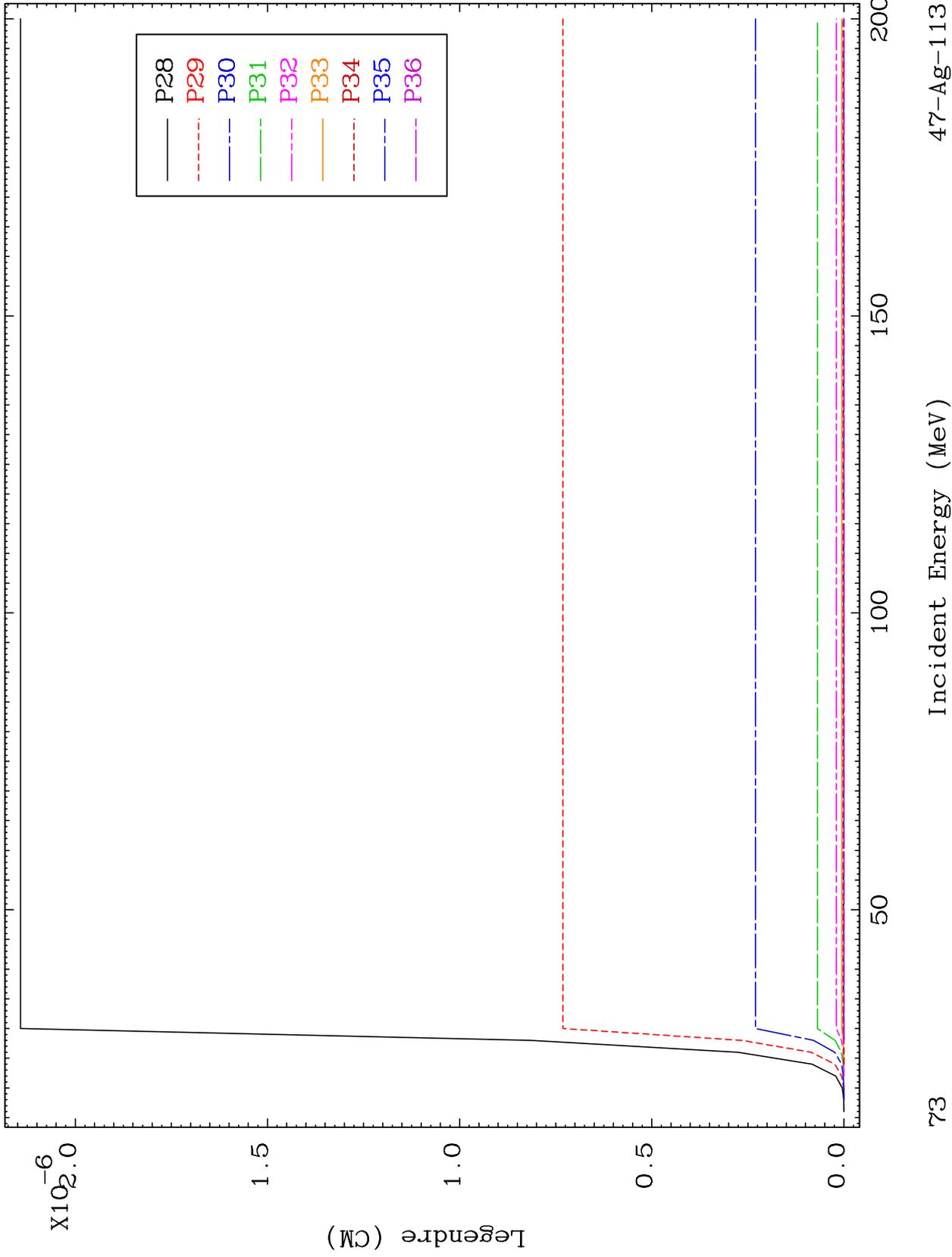
Incident Energy (MeV)

47-Ag-113

MAT 4743

781.8 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



73

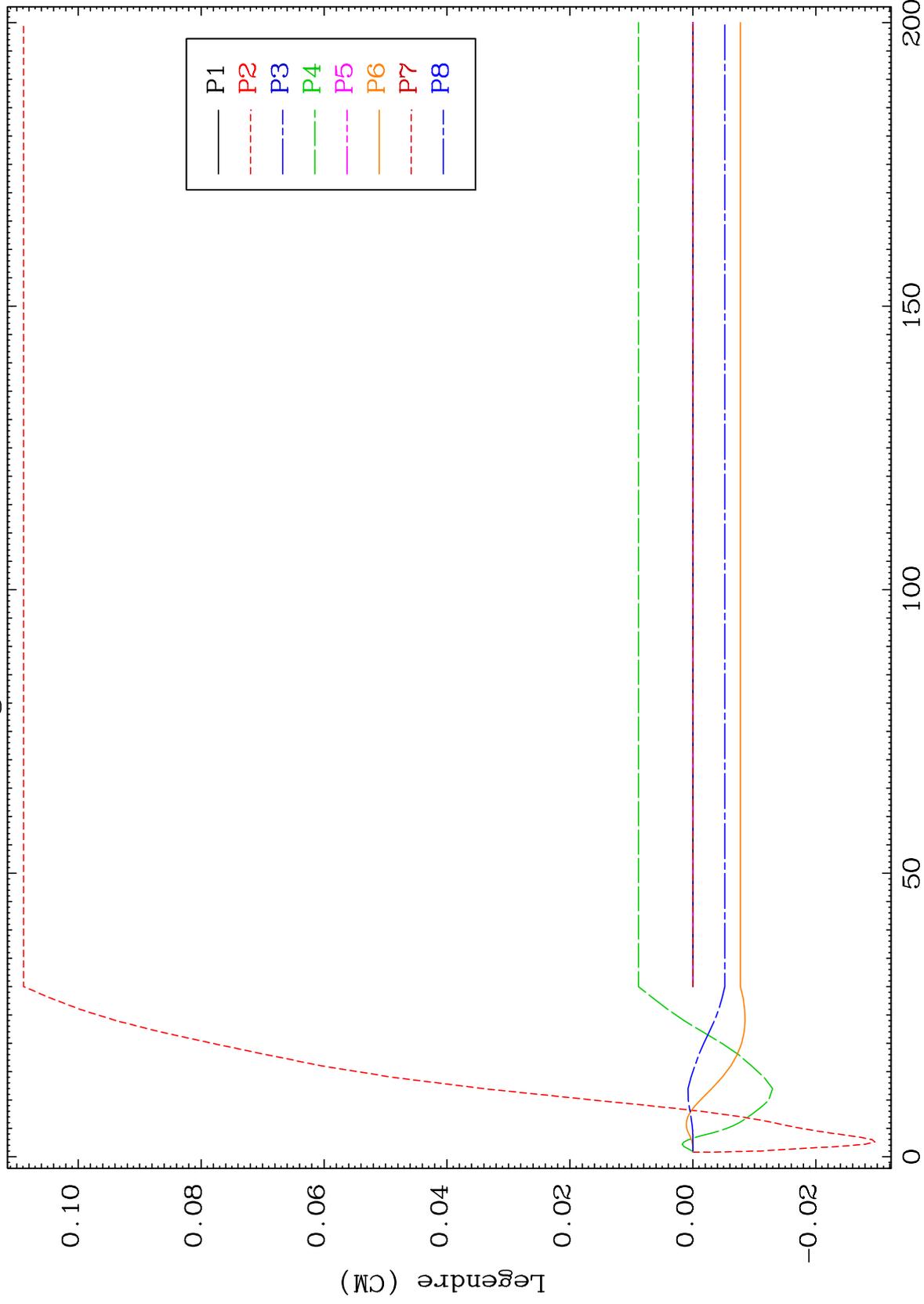
Incident Energy (MeV)

47-Ag-113

MAT 4743

783.2 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



74

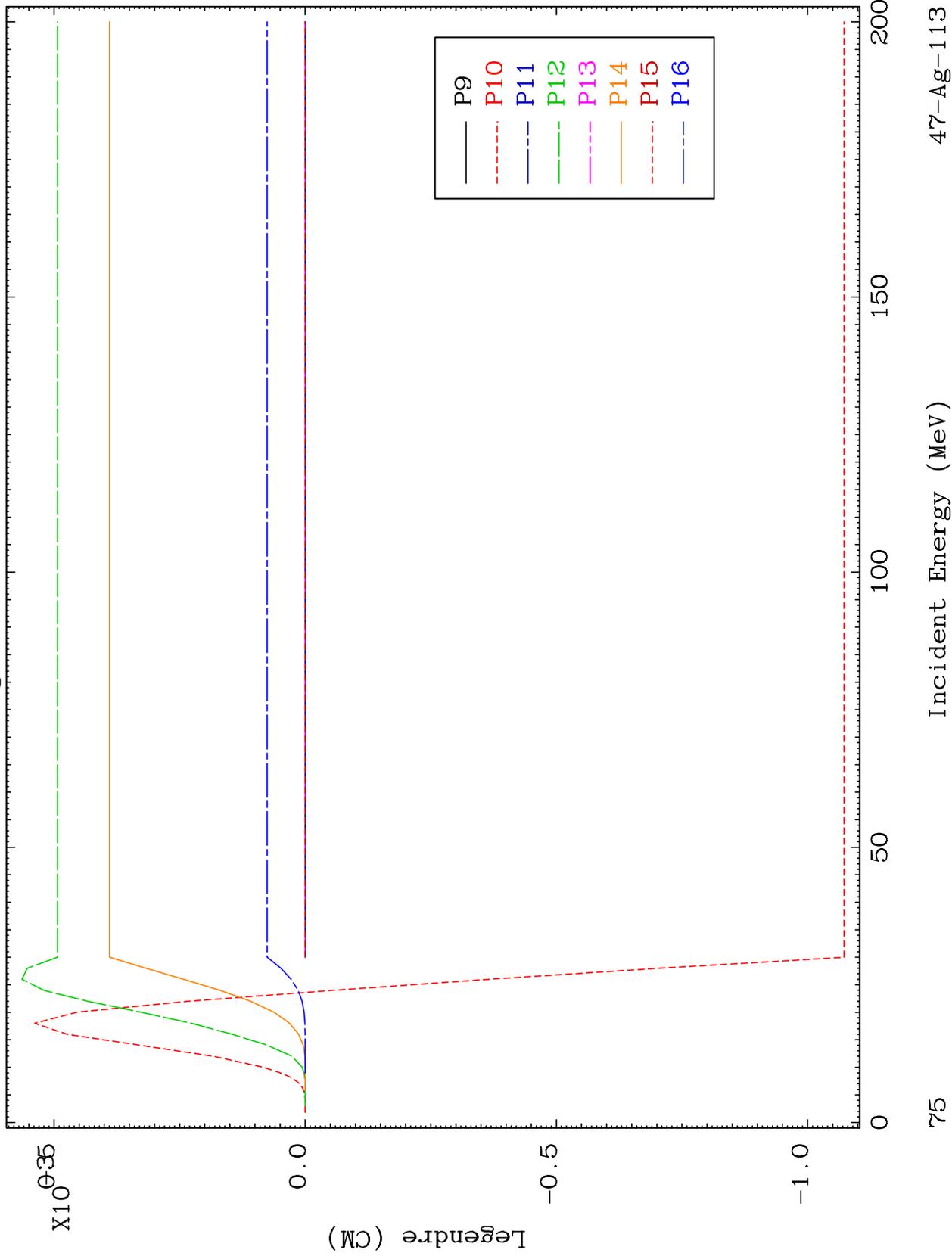
Incident Energy (MeV)

47-Ag-113

MAT 4743

783.2 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



47-Ag-113

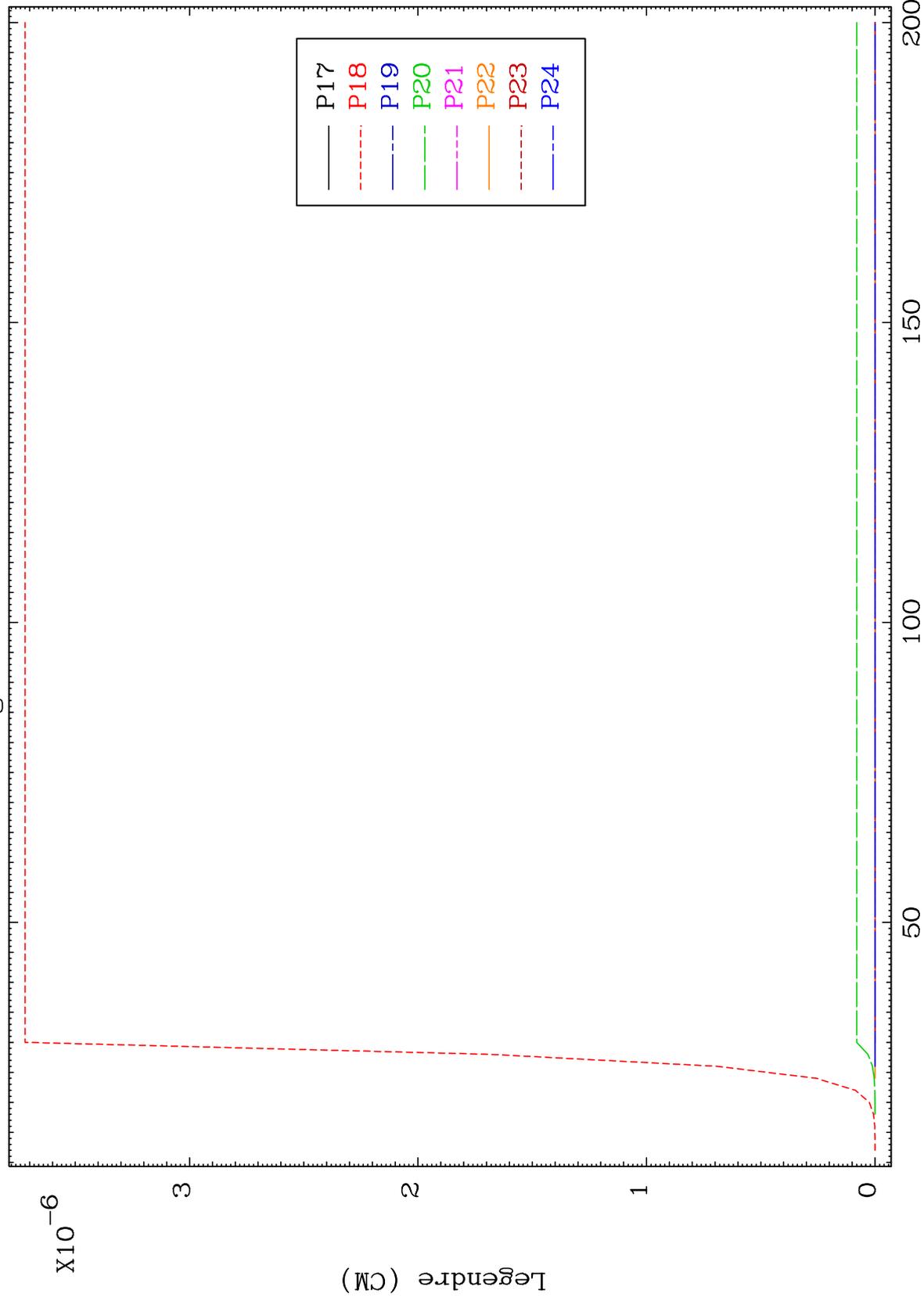
Incident Energy (MeV)

75

MAT 4743

783.2 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



76

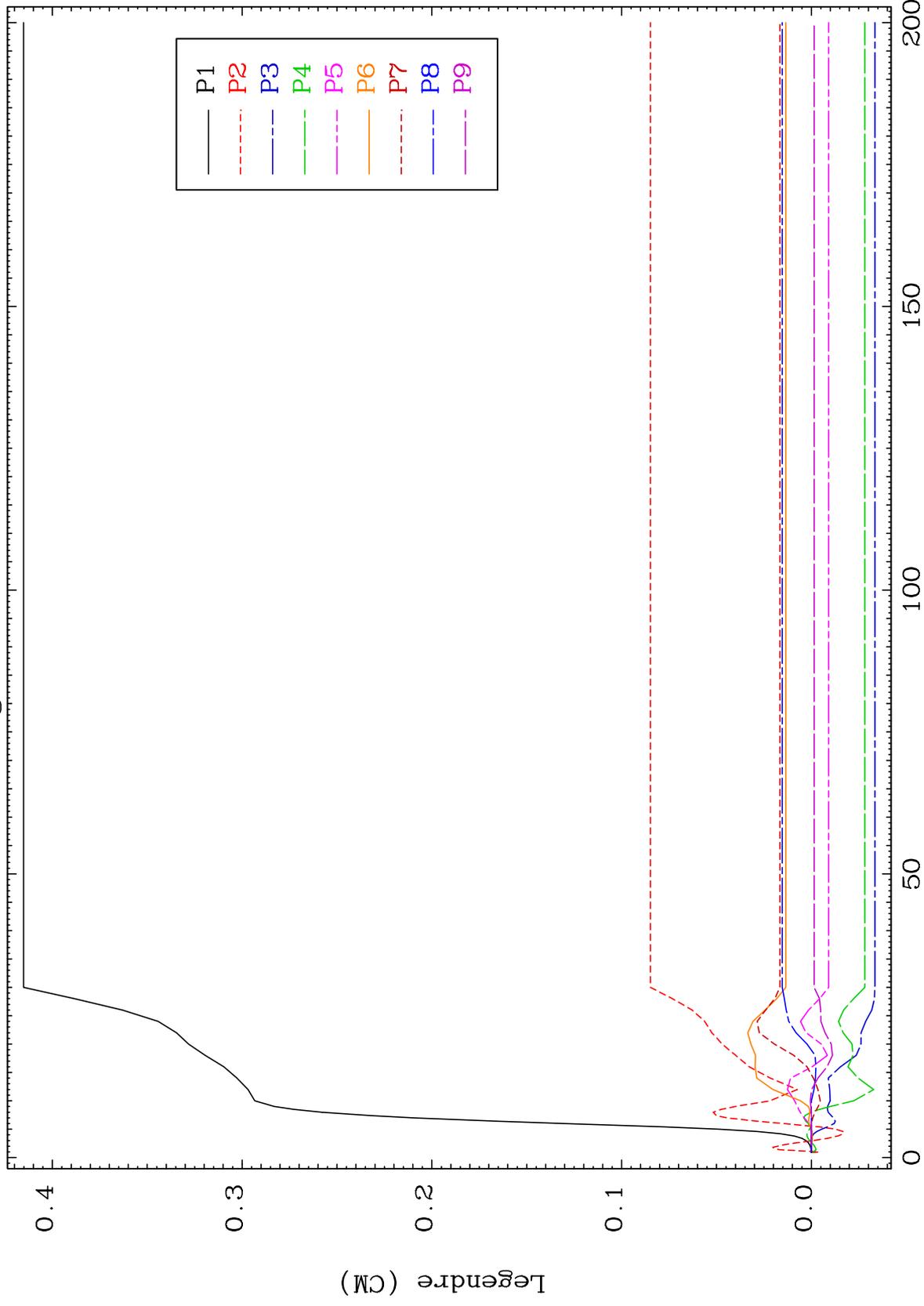
Incident Energy (MeV)

47-Ag-113

MAT 4743

870.3 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



77

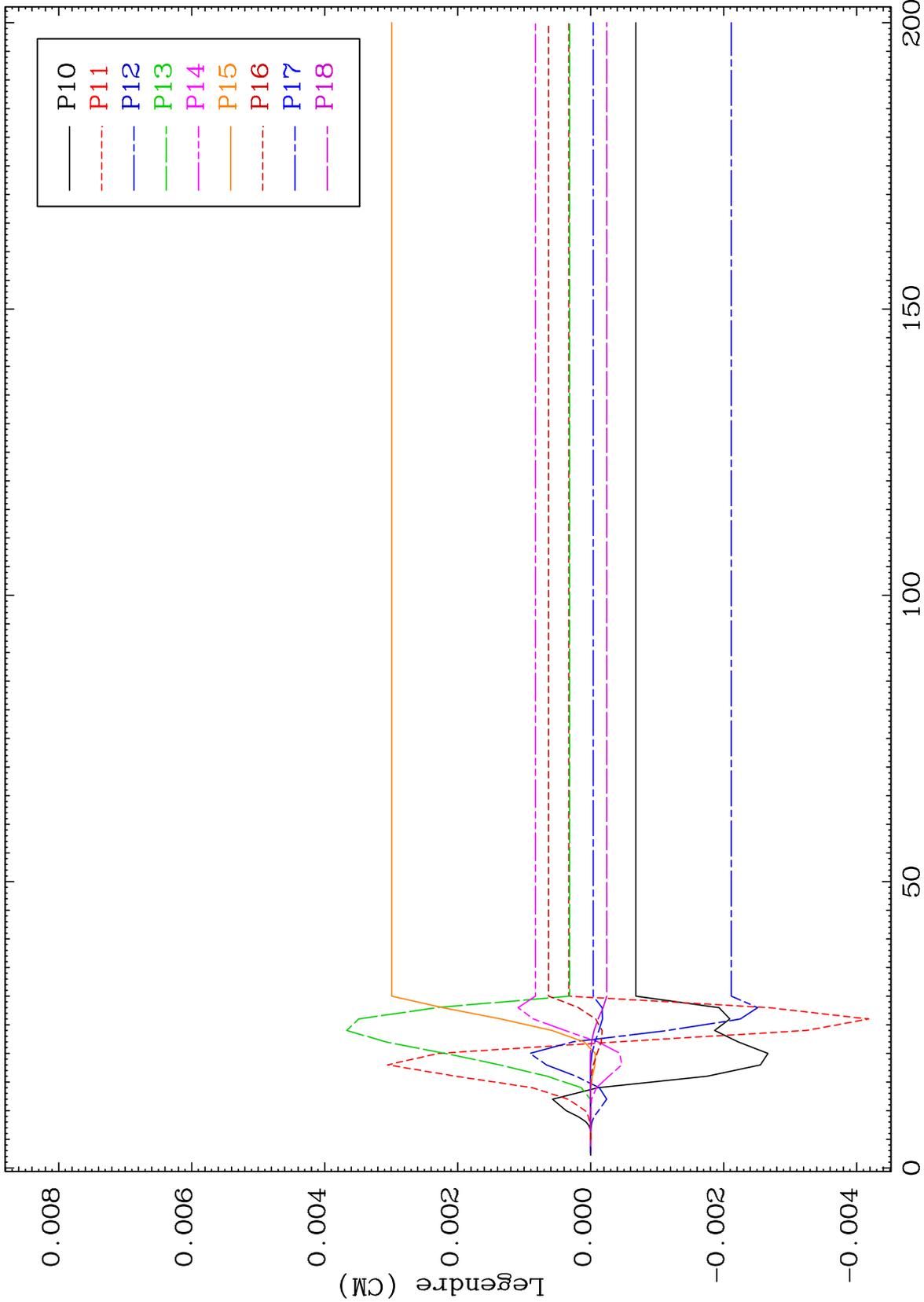
Incident Energy (MeV)

47-Ag-113

MAT 4743

870.3 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



78

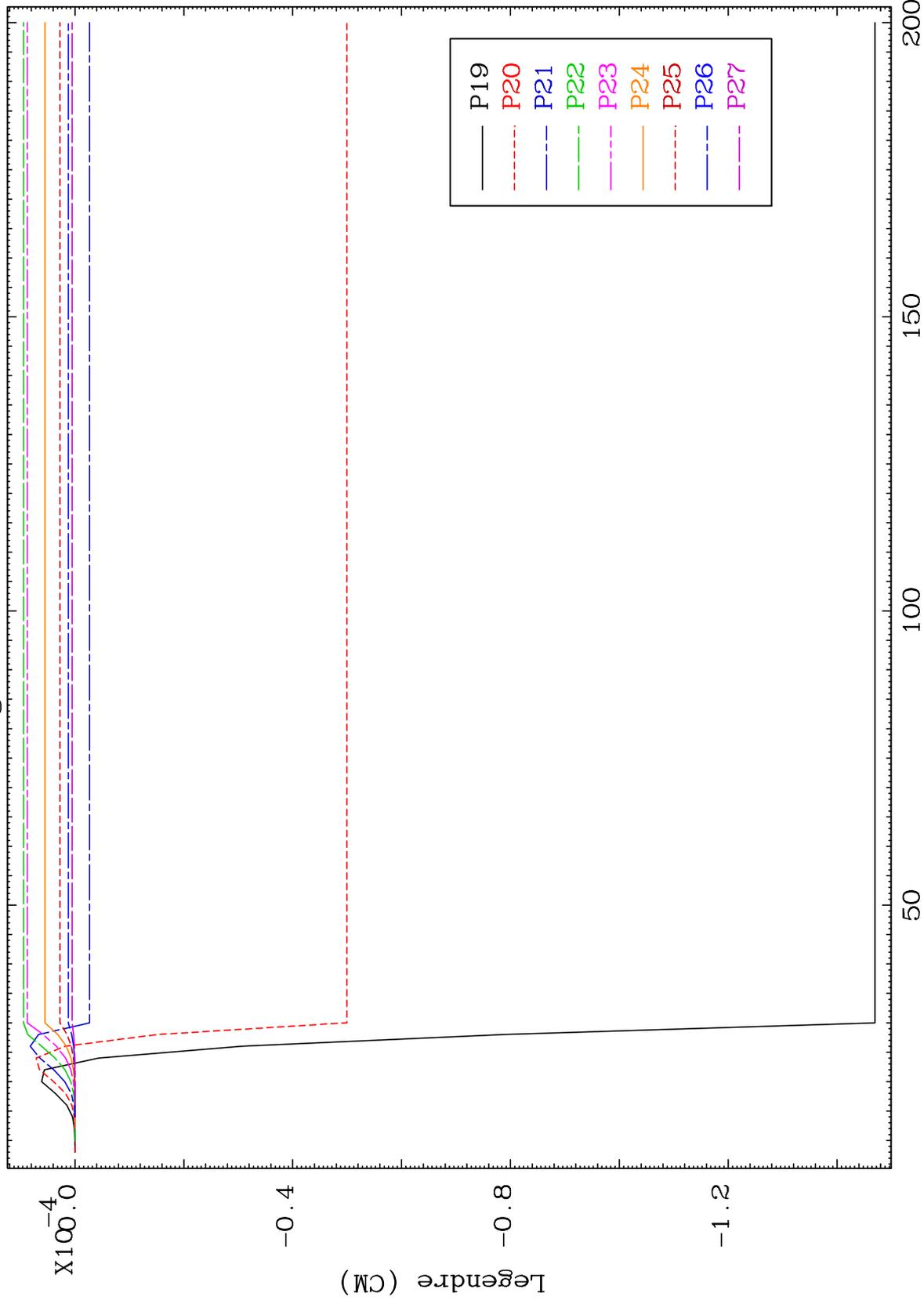
Incident Energy (MeV)

47-Ag-113

MAT 4743

870.3 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



79

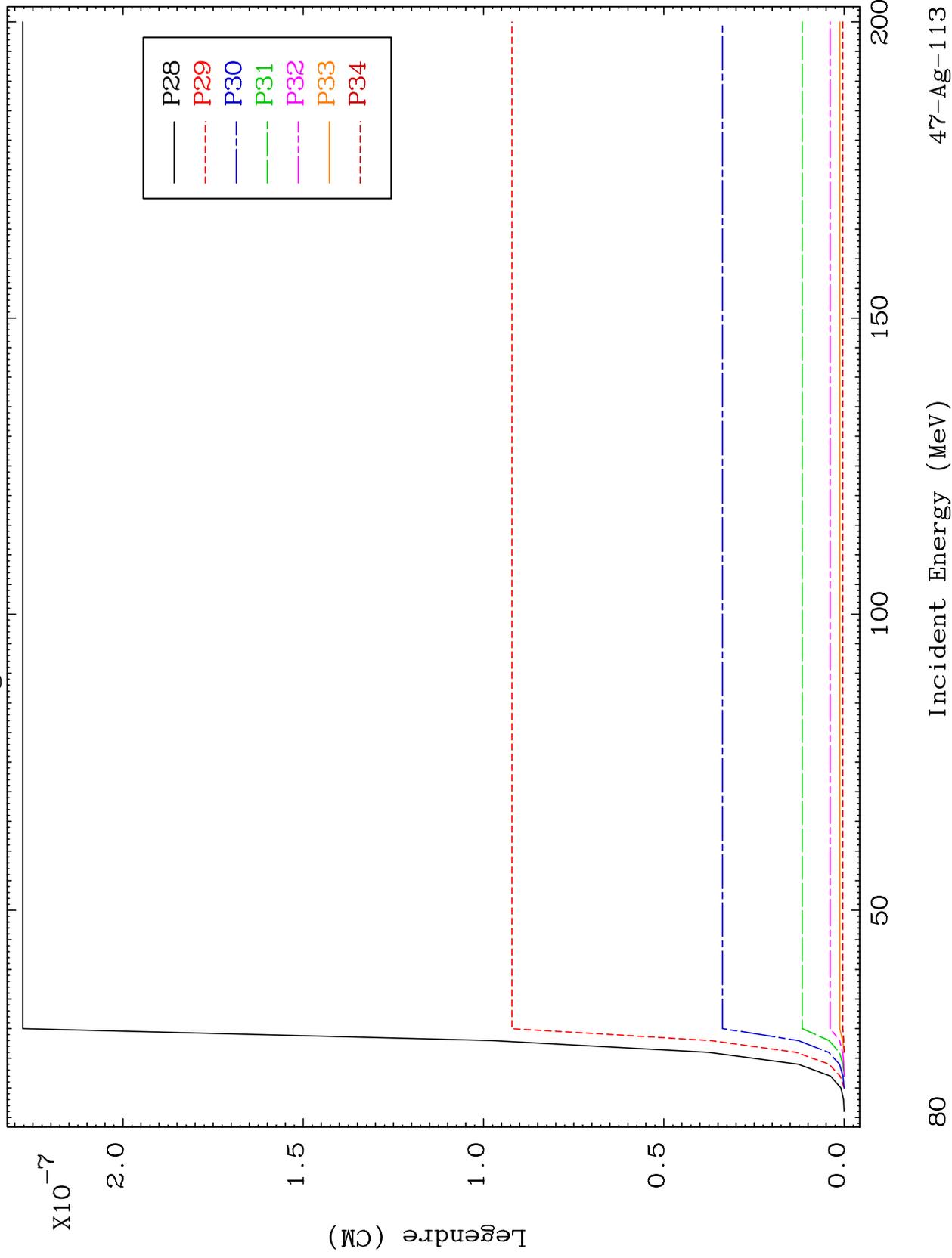
Incident Energy (MeV)

47-Ag-113

MAT 4743

870.3 keV (n,n') Level  
Legendre Coefficients

47-Ag-113



80

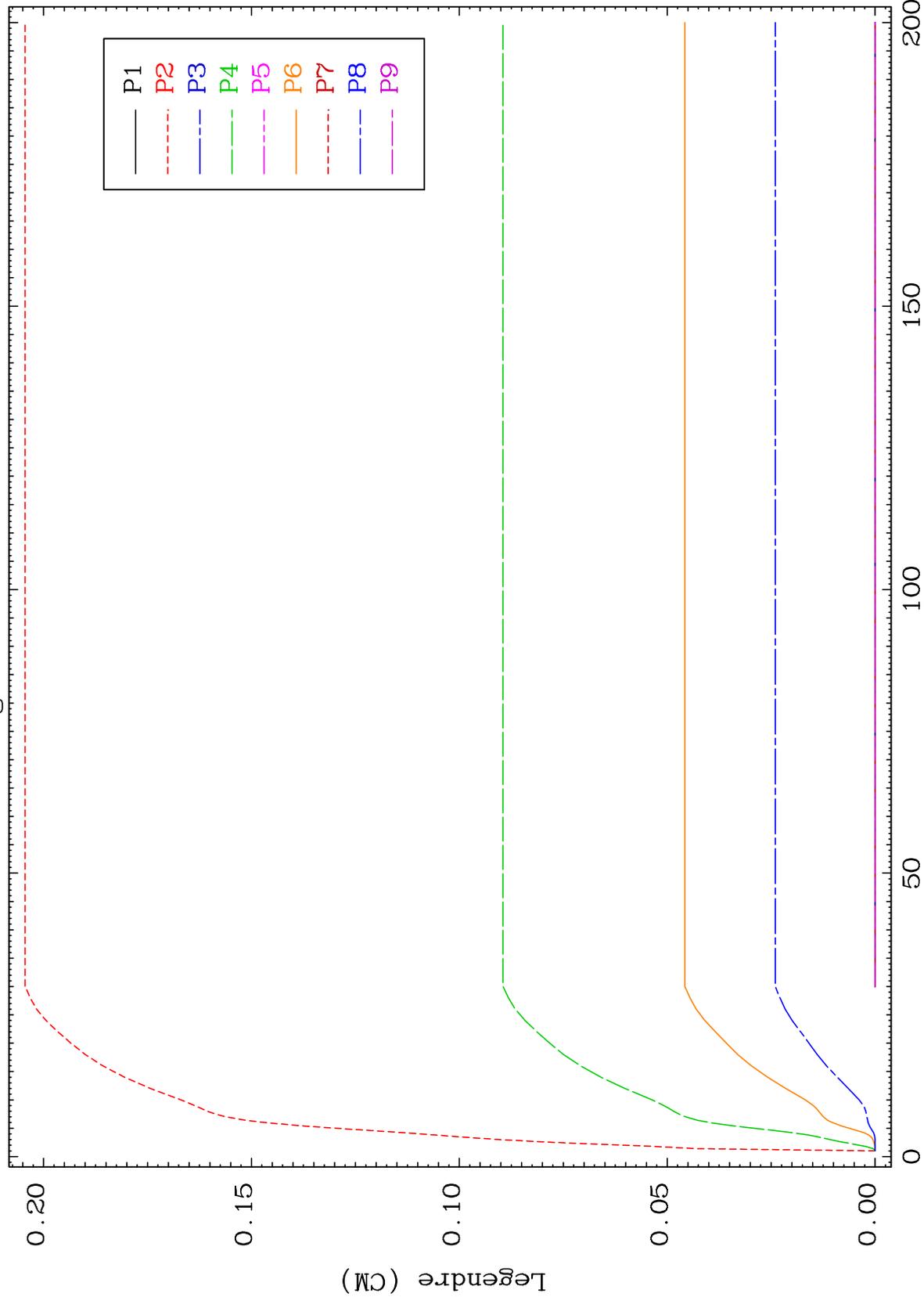
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.000 MeV (n,n') Level  
Legendre Coefficients

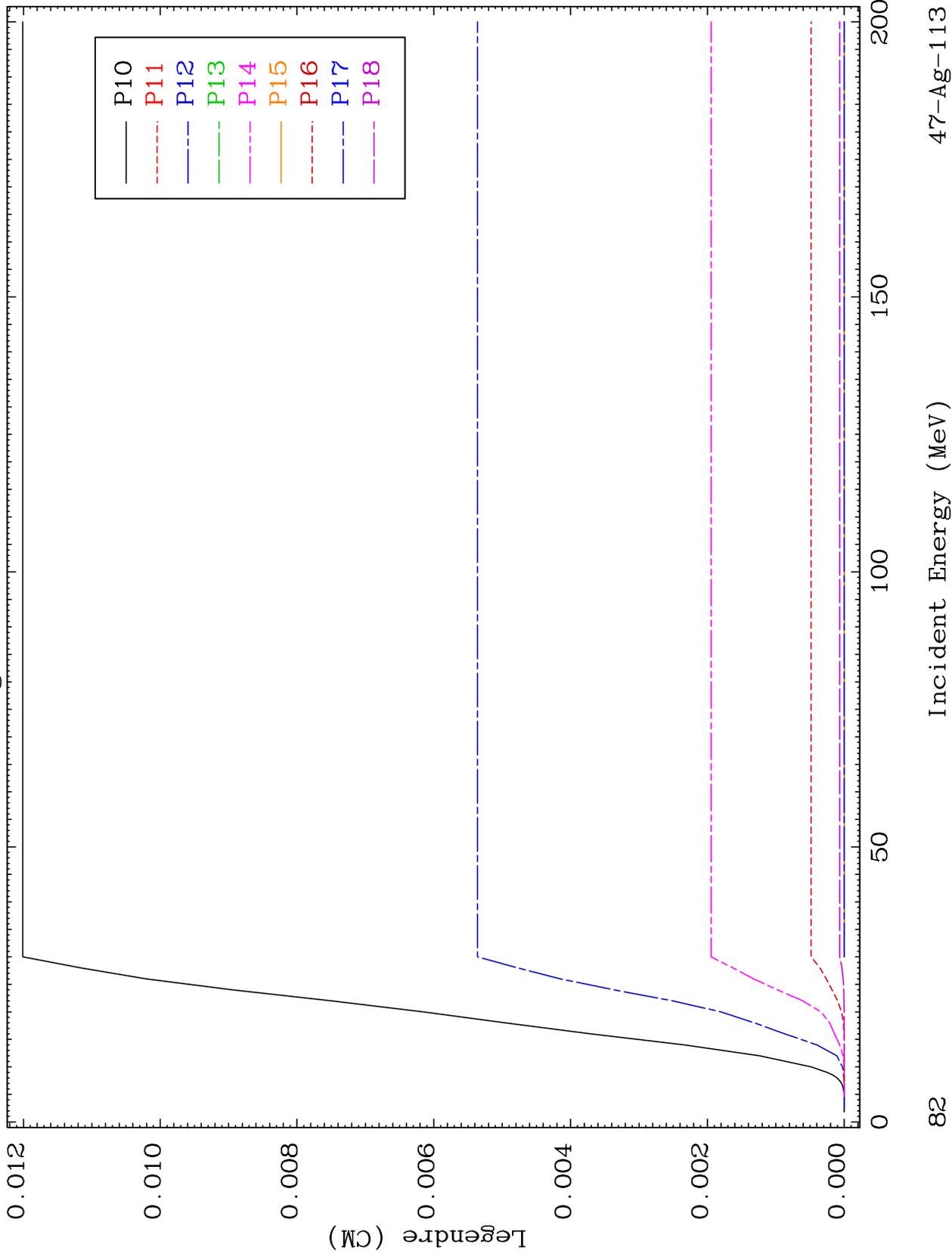
47-Ag-113



81

Incident Energy (MeV)

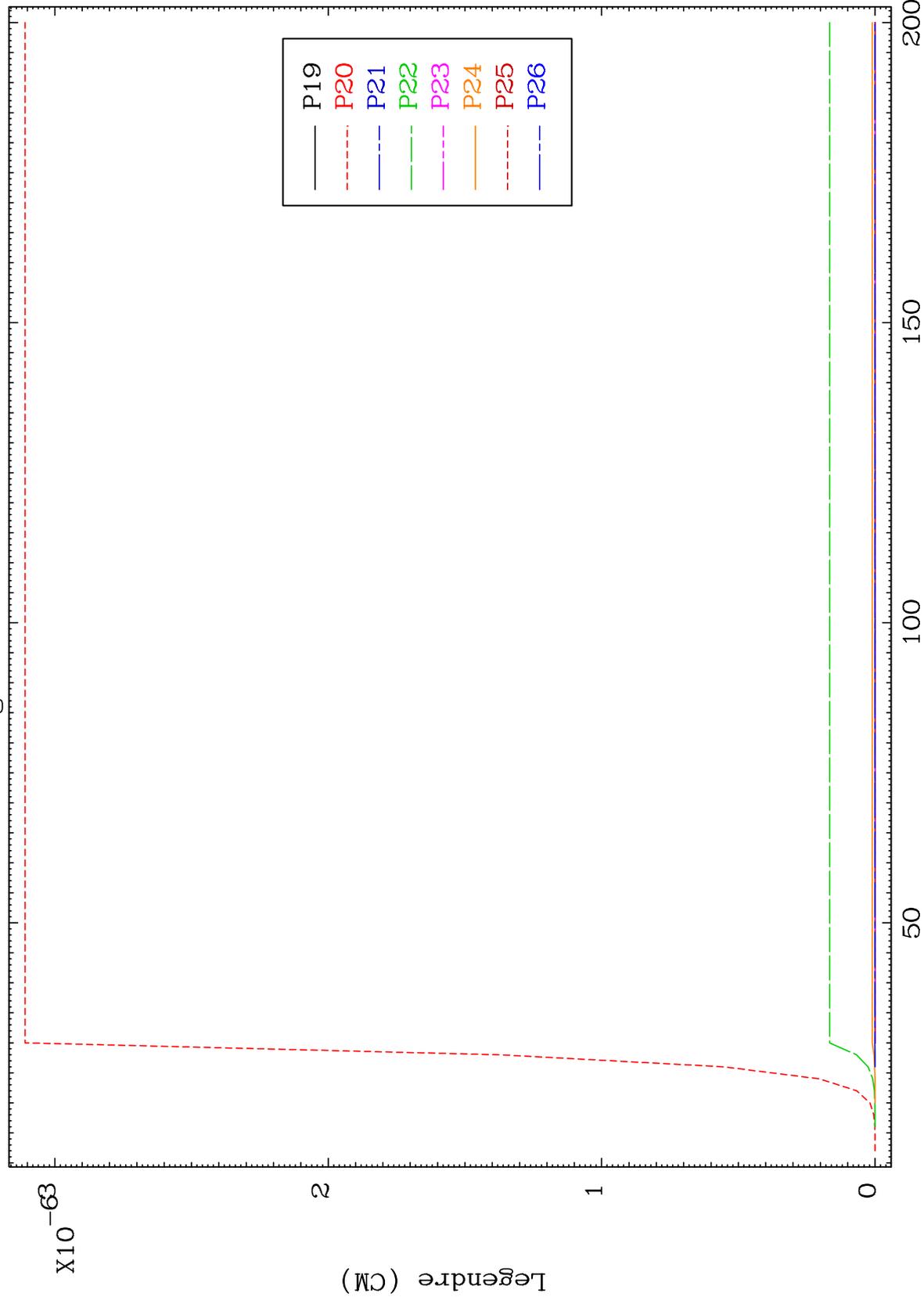
47-Ag-113



MAT 4743

1.000 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



83

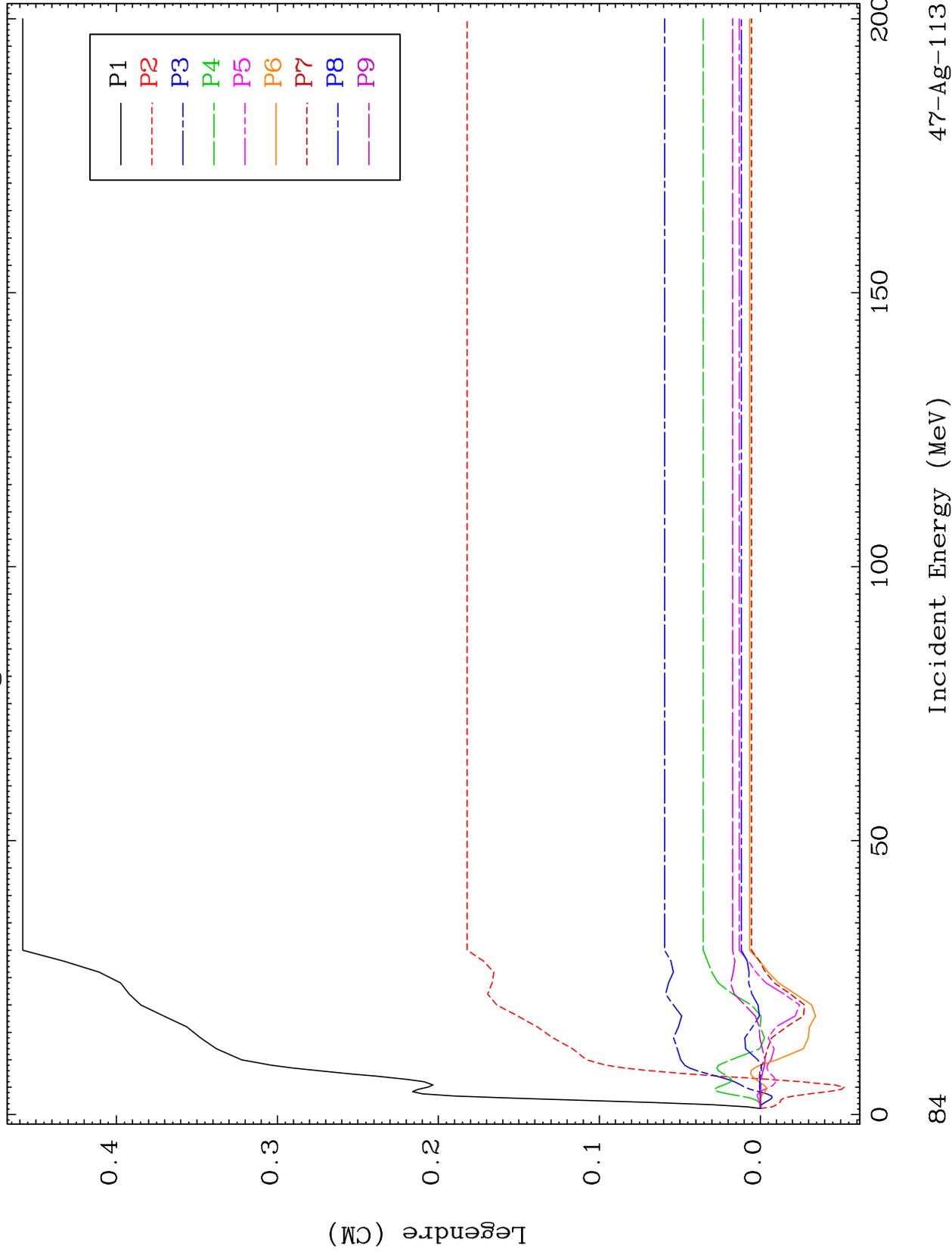
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.085 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113

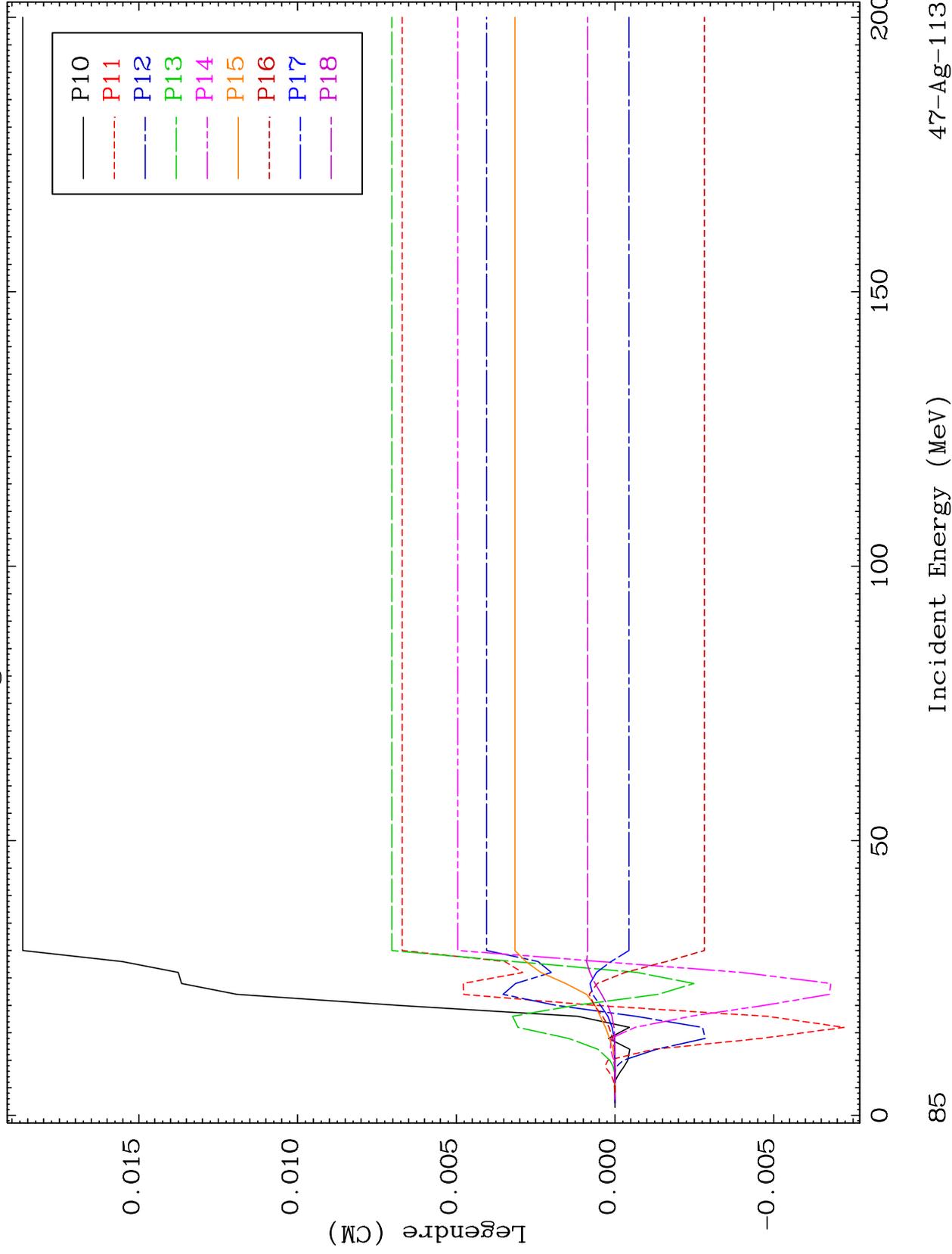


47-Ag-113

MAT 4743

1.085 MeV (n,n') Level  
Legendre Coefficients

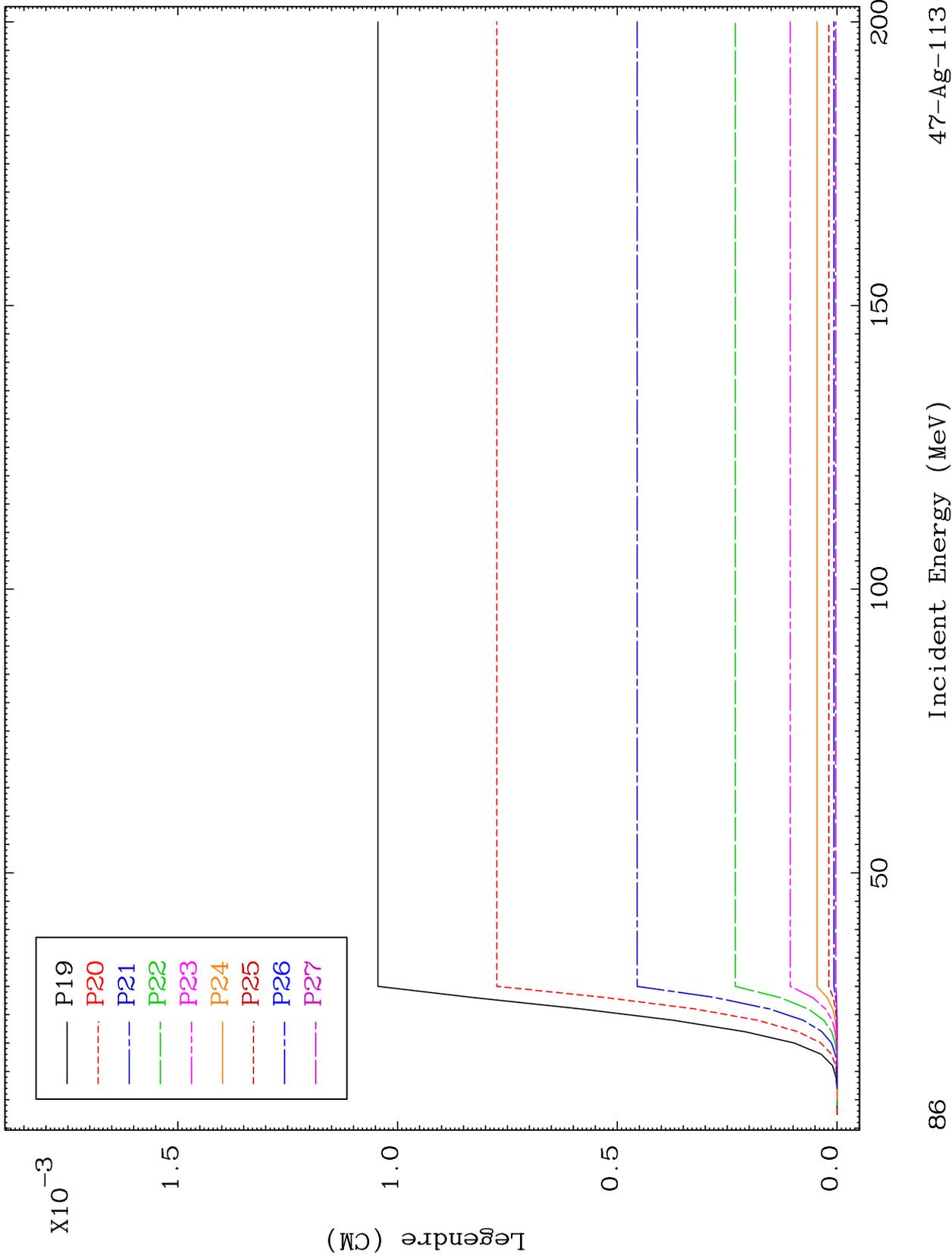
47-Ag-113



47-Ag-113

Incident Energy (MeV)

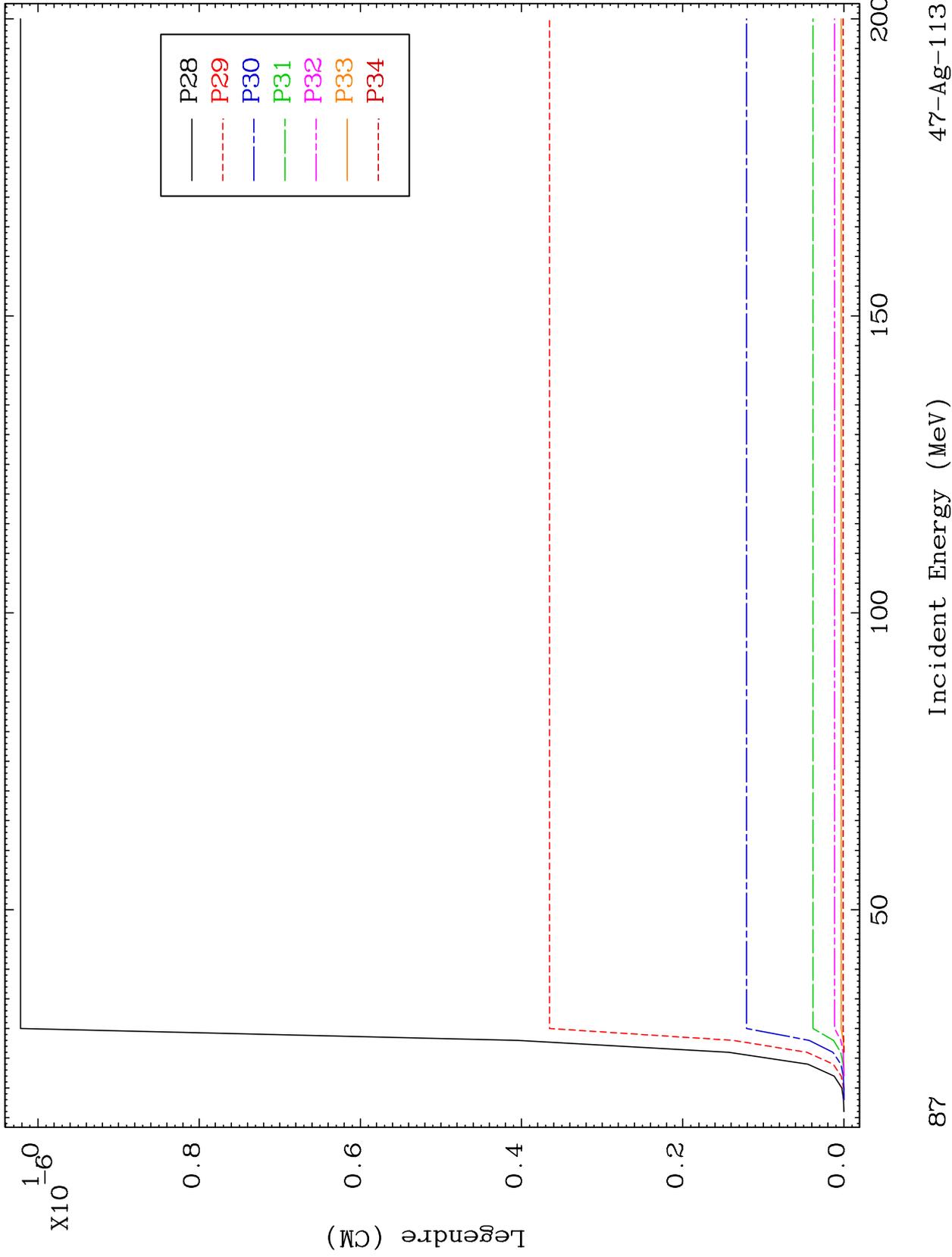
85



MAT 4743

1.085 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



87

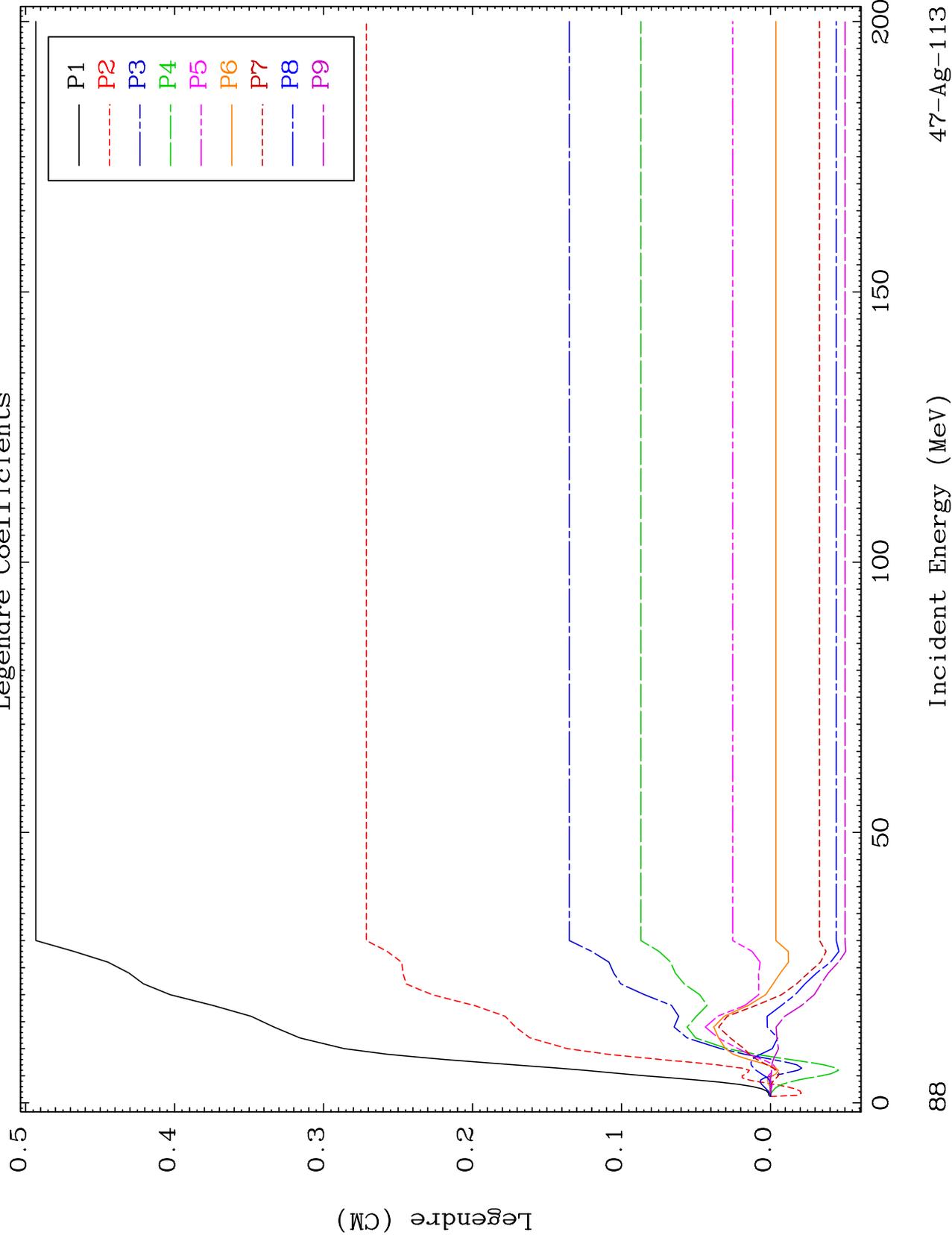
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.146 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



88

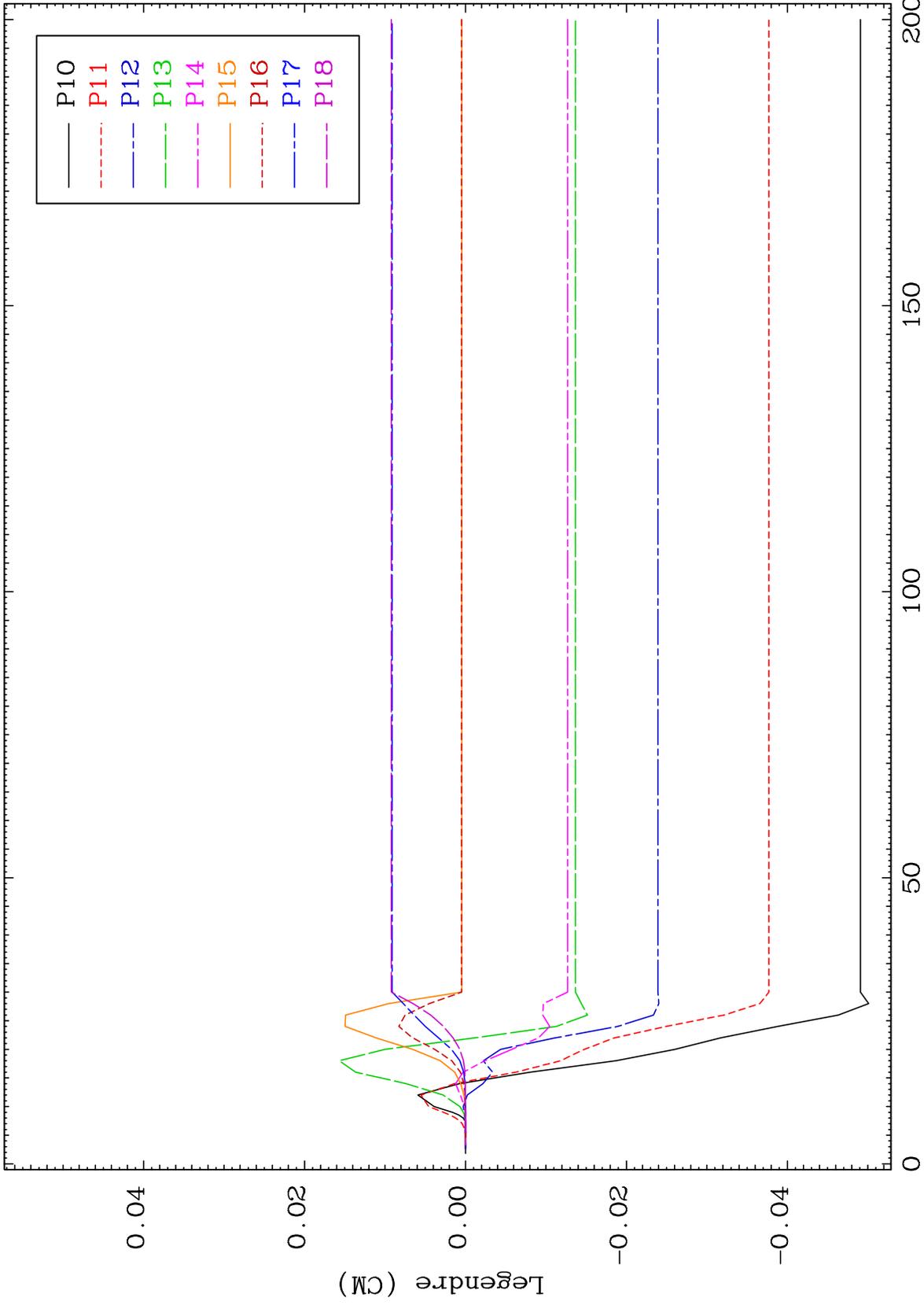
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.146 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



89

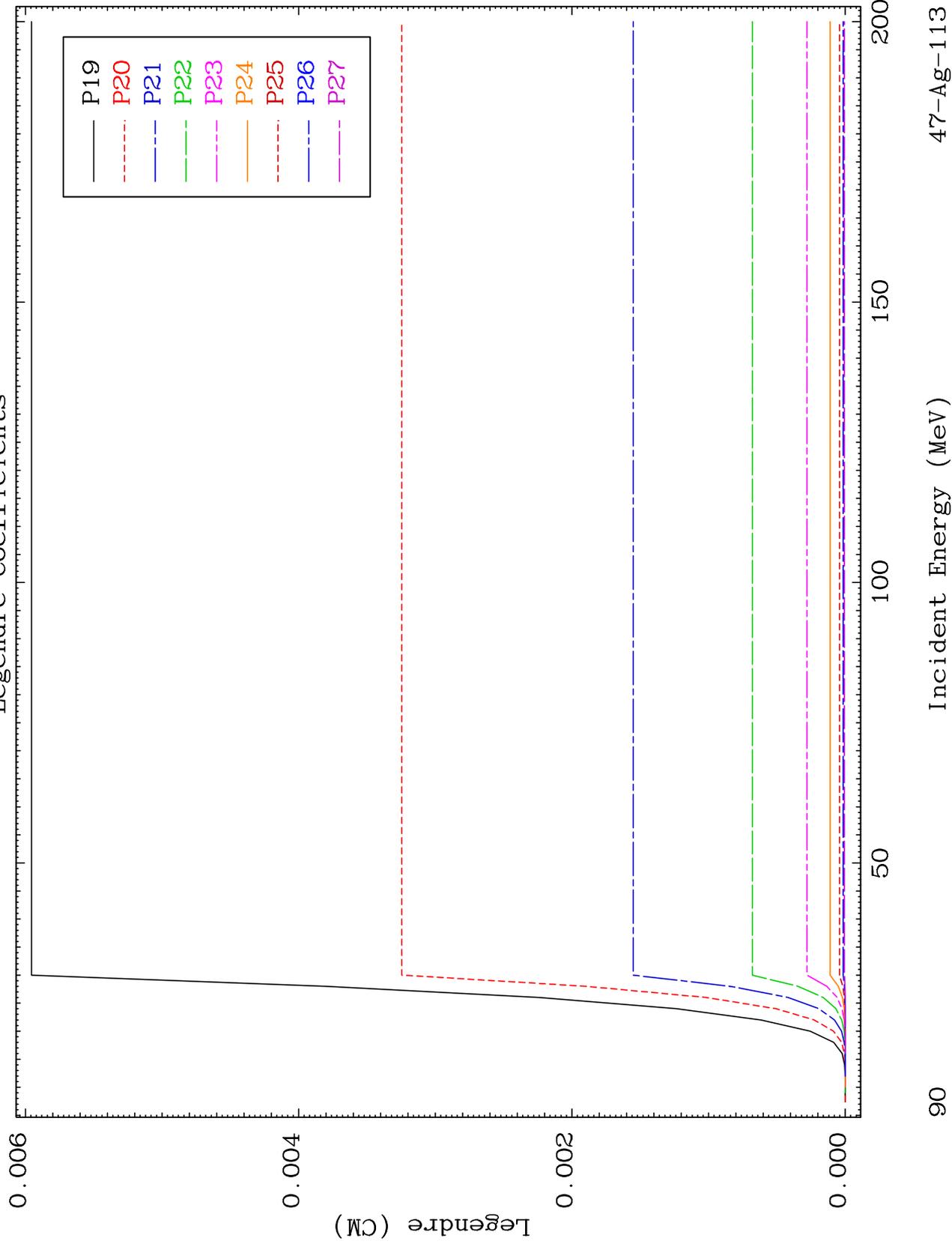
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.146 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



90

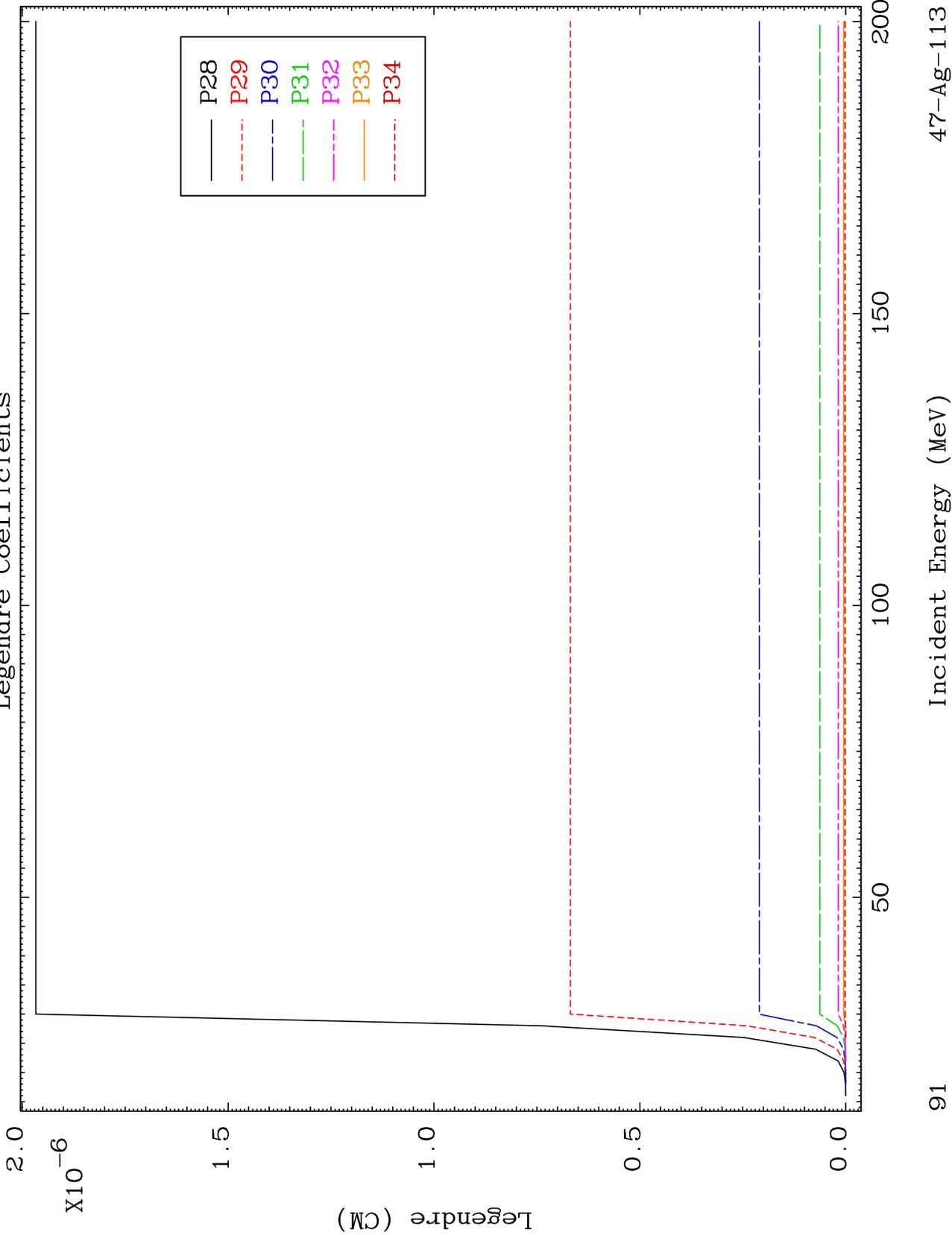
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.146 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



91

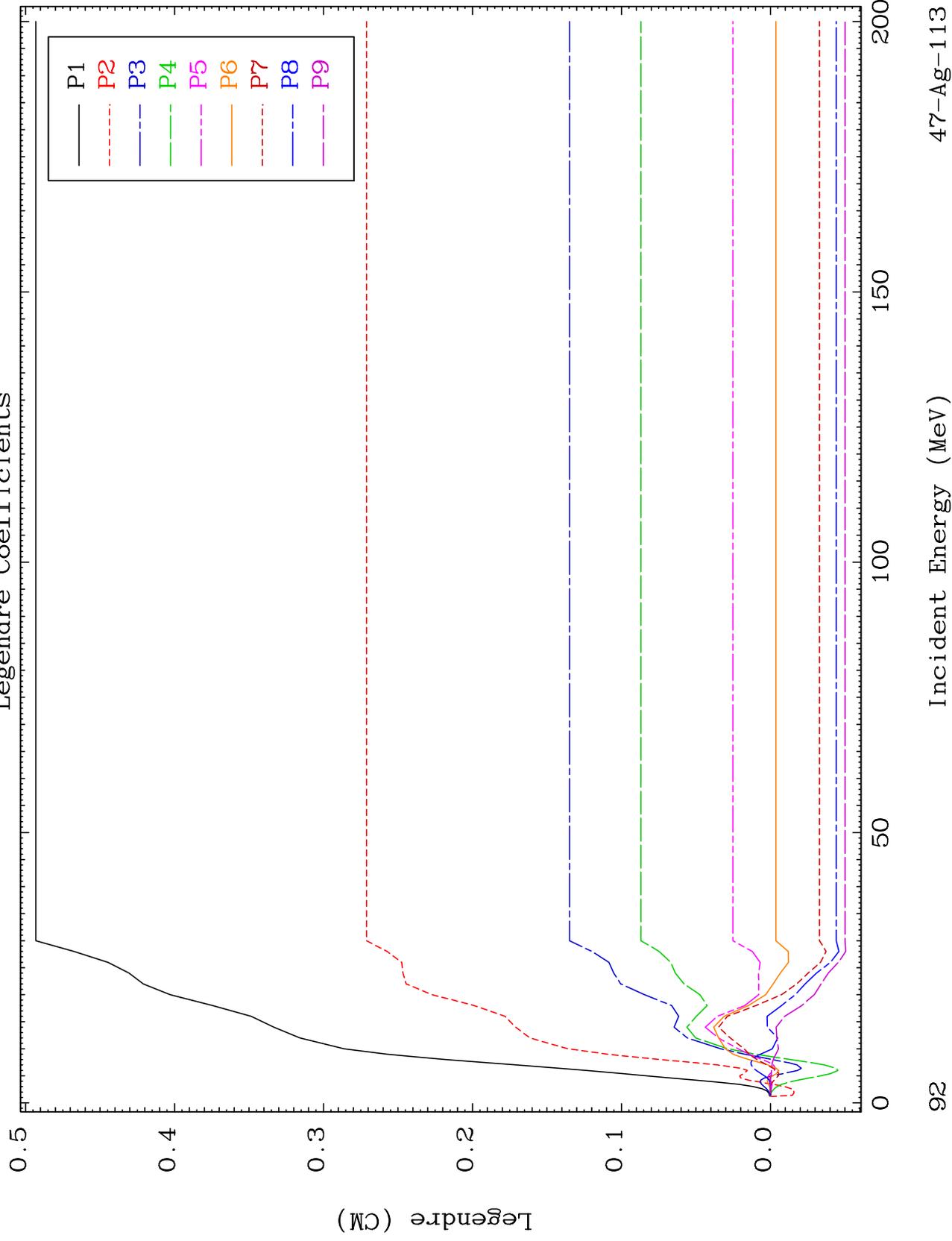
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.157 MeV (n,n') Level  
Legendre Coefficients

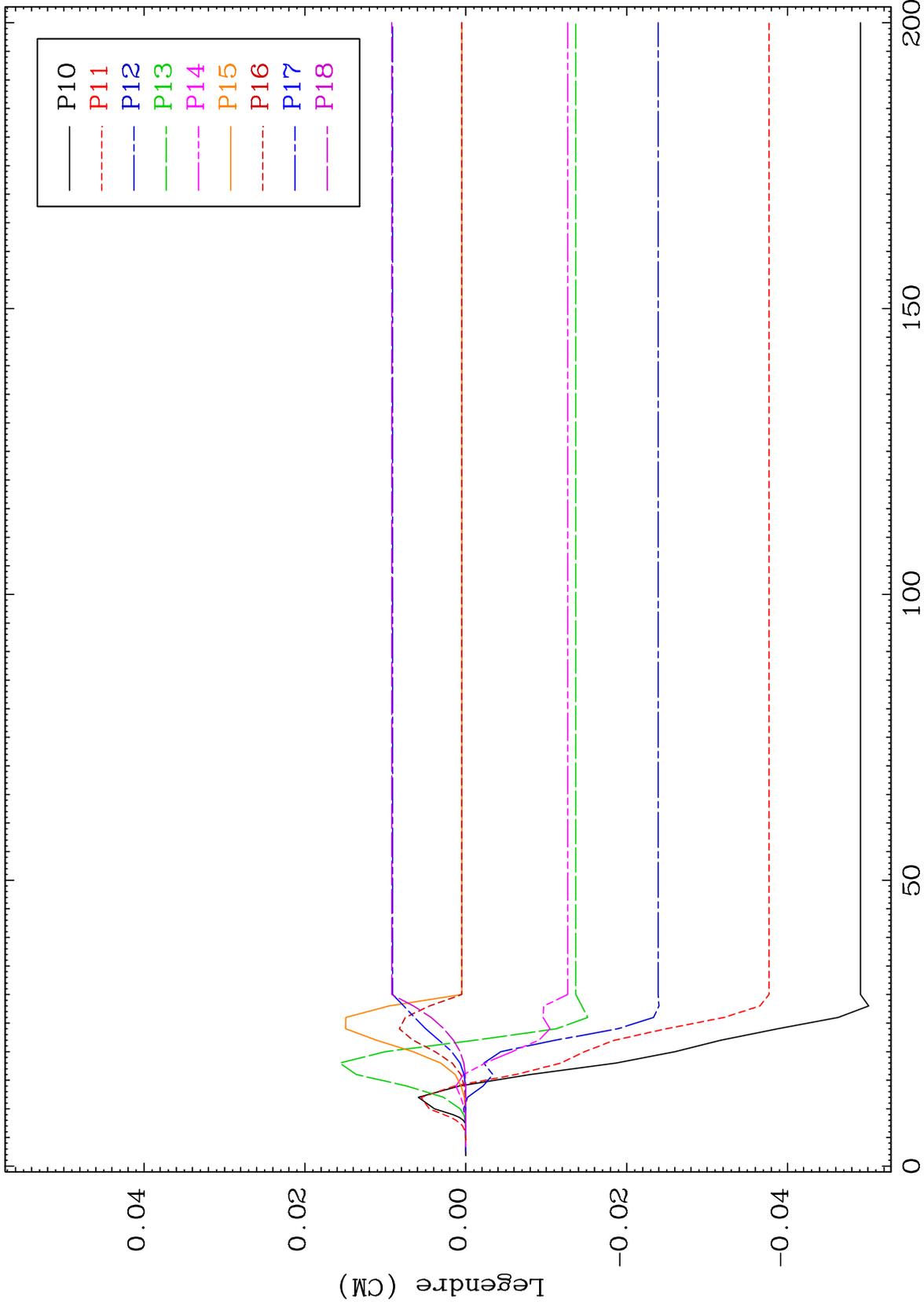
47-Ag-113



MAT 4743

1.157 MeV (n,n') Level  
Legendre Coefficients

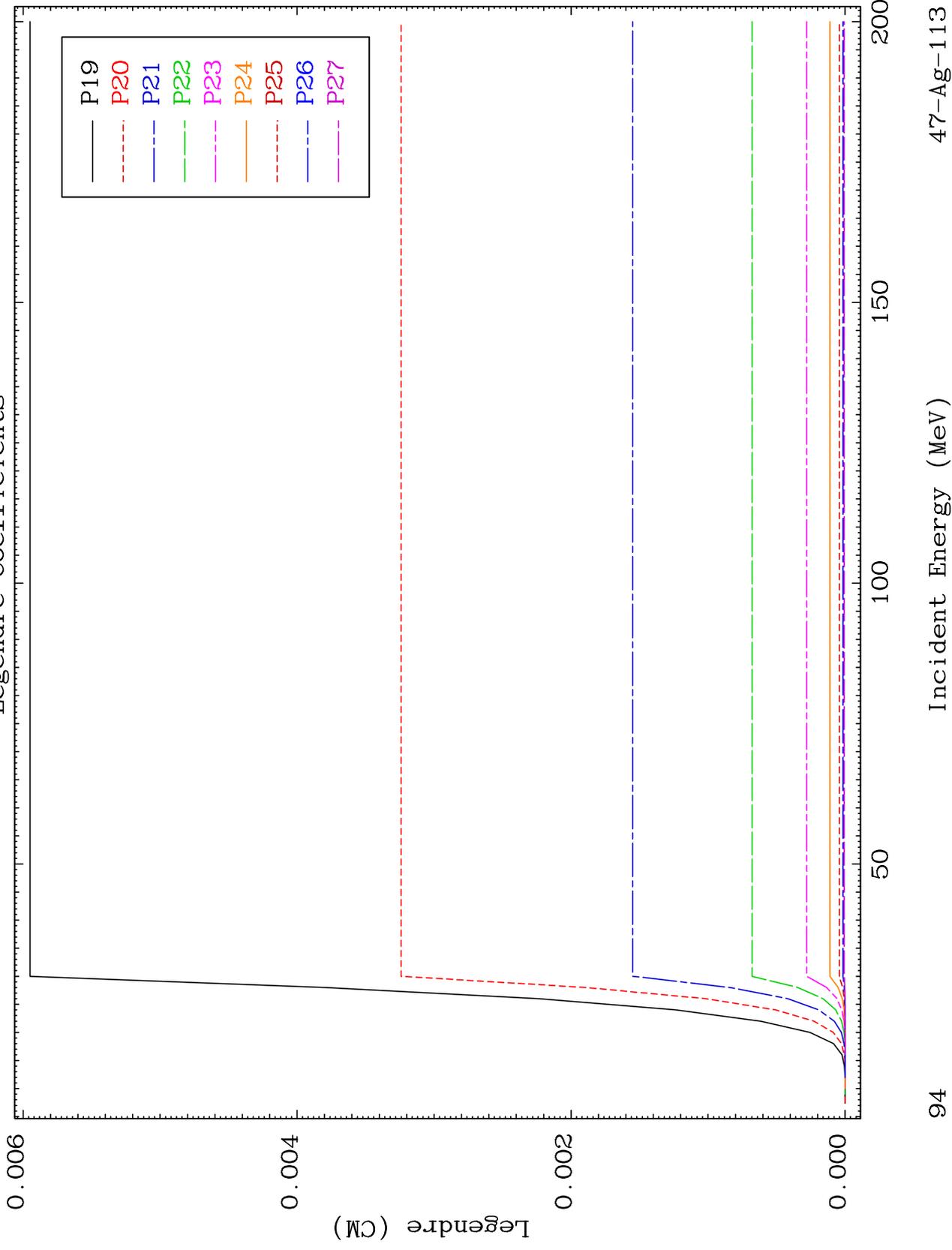
47-Ag-113



93

Incident Energy (MeV)

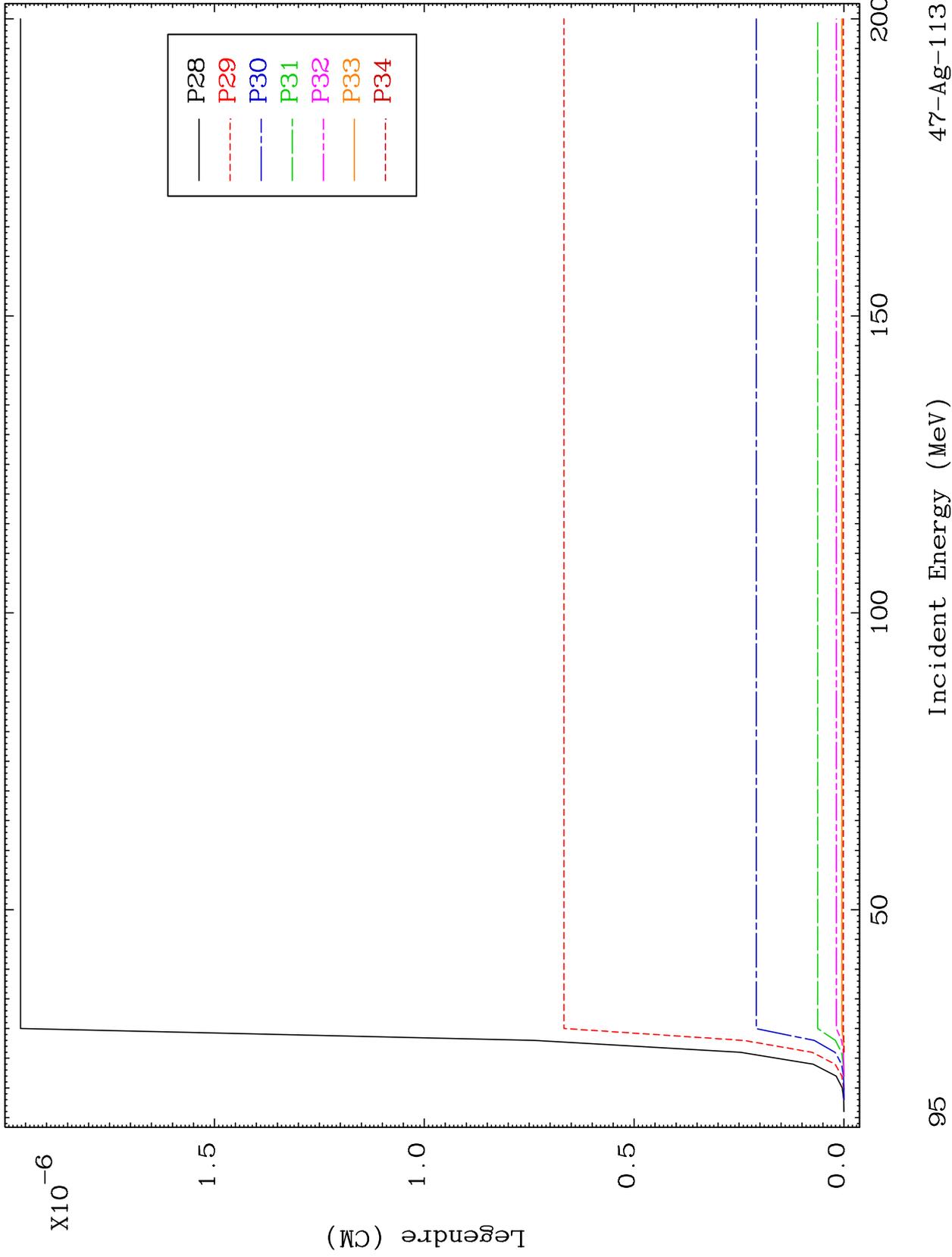
47-Ag-113



MAT 4743

1.157 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



47-Ag-113

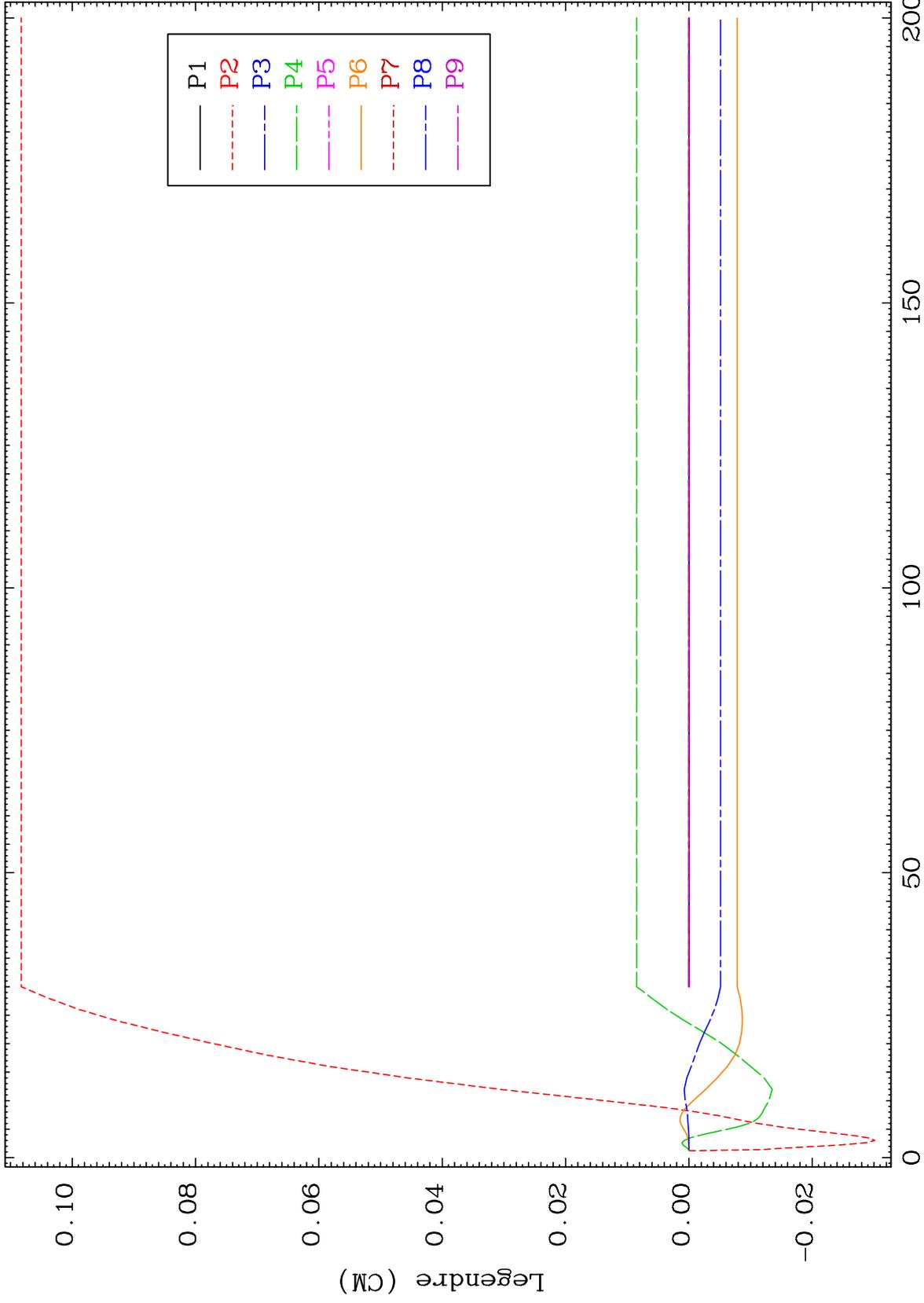
Incident Energy (MeV)

95

MAT 4743

1.194 MeV (n, n') Level  
Legendre Coefficients

47-Ag-113



96

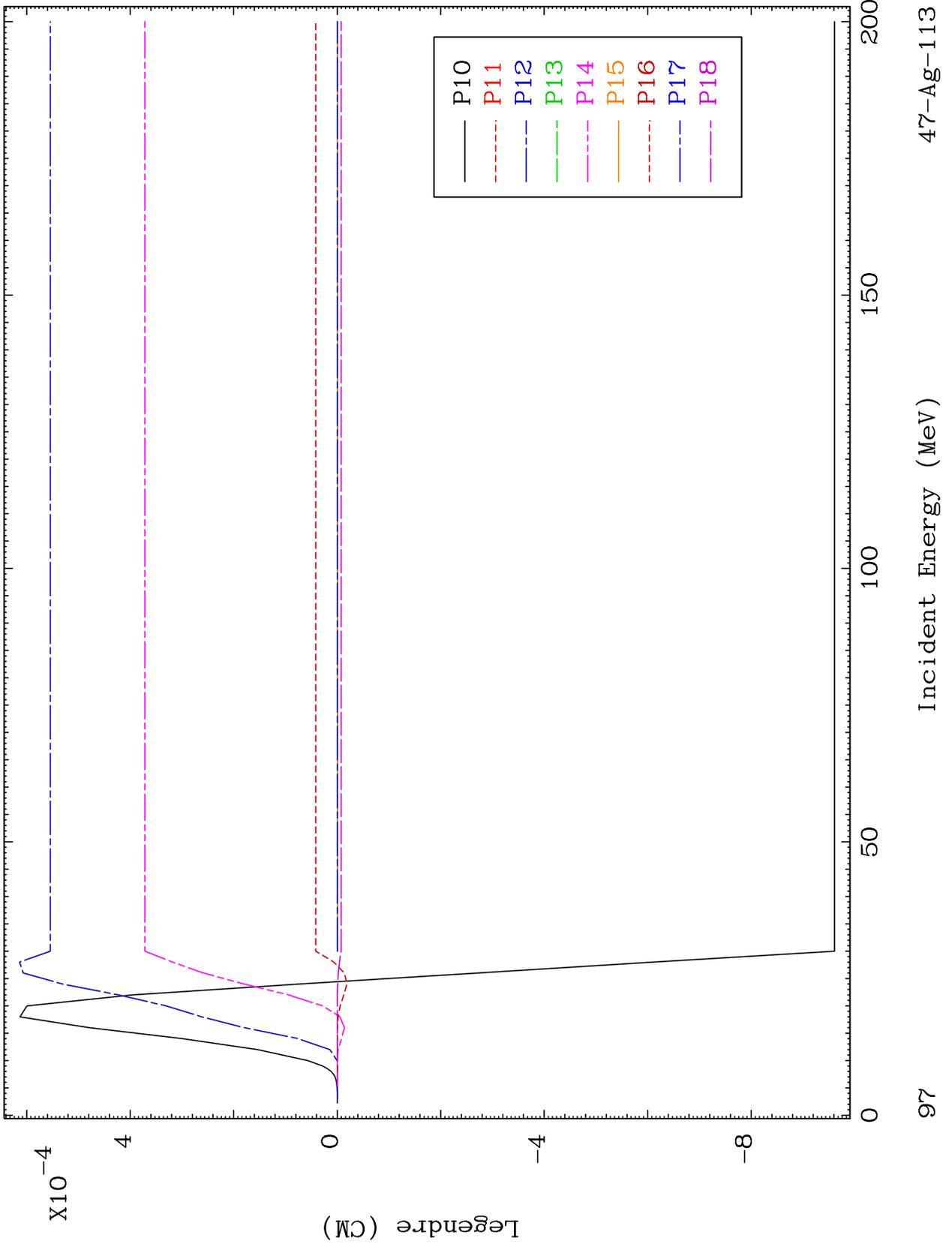
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.194 MeV (n,n') Level  
Legendre Coefficients

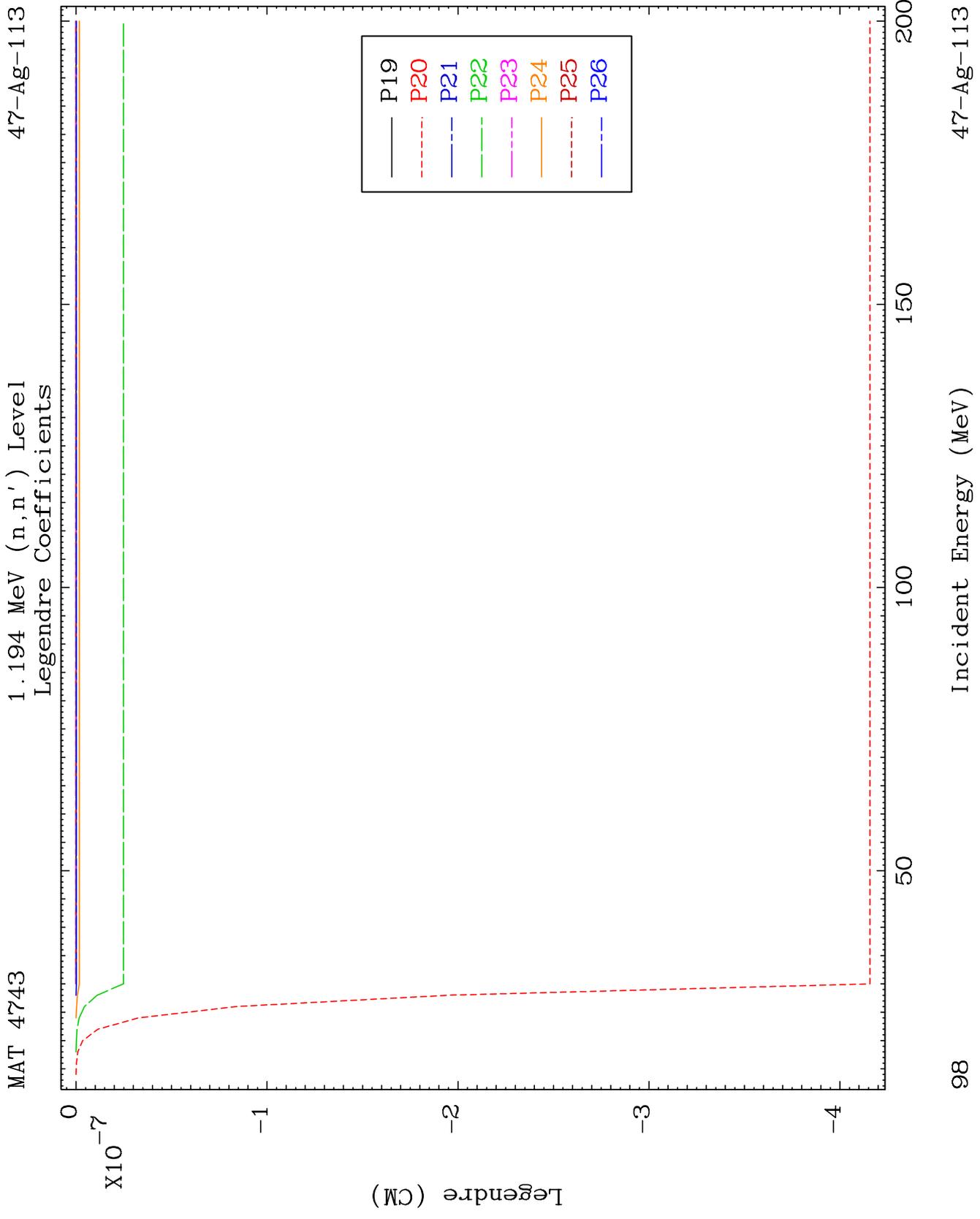
47-Ag-113

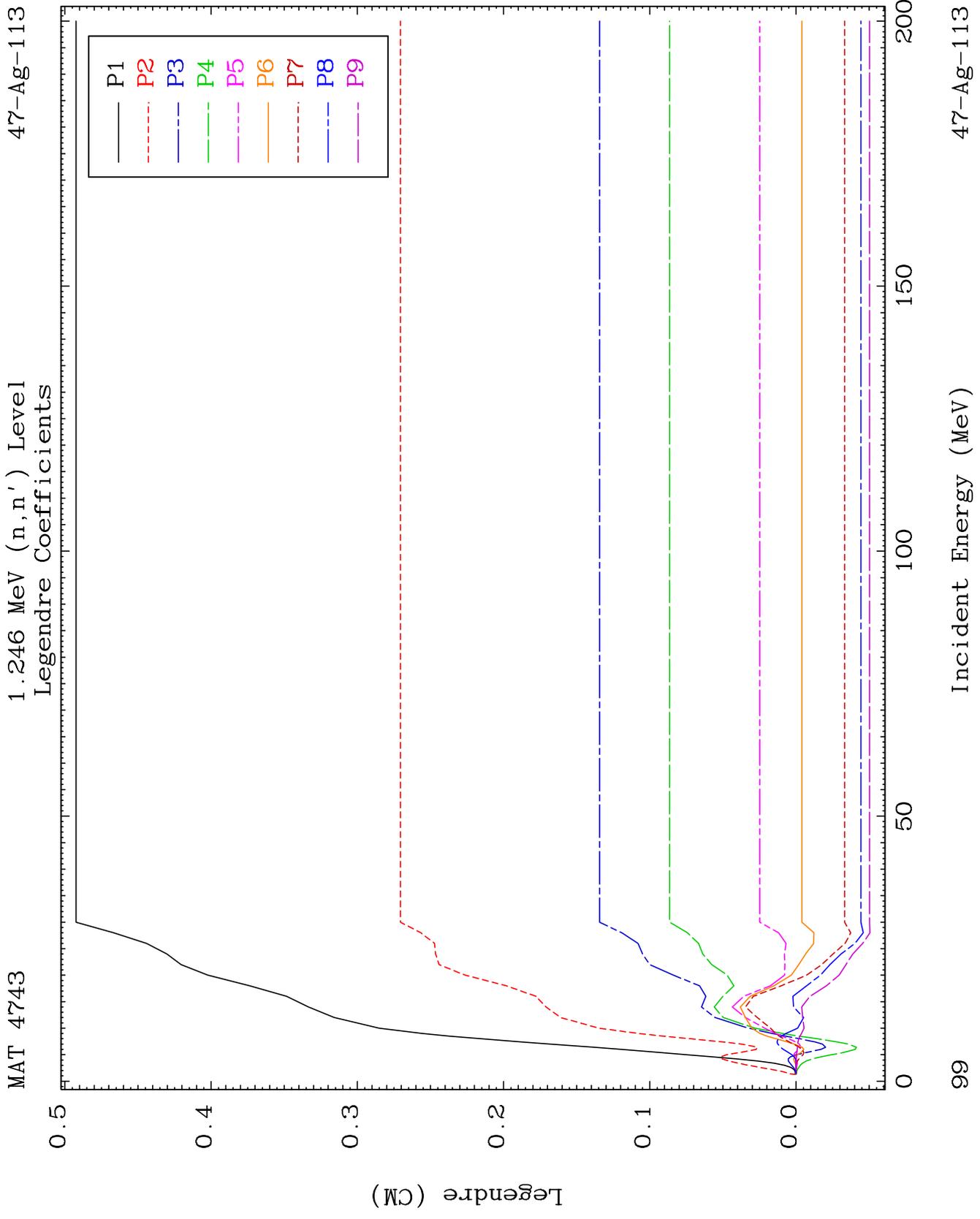


97

Incident Energy (MeV)

47-Ag-113

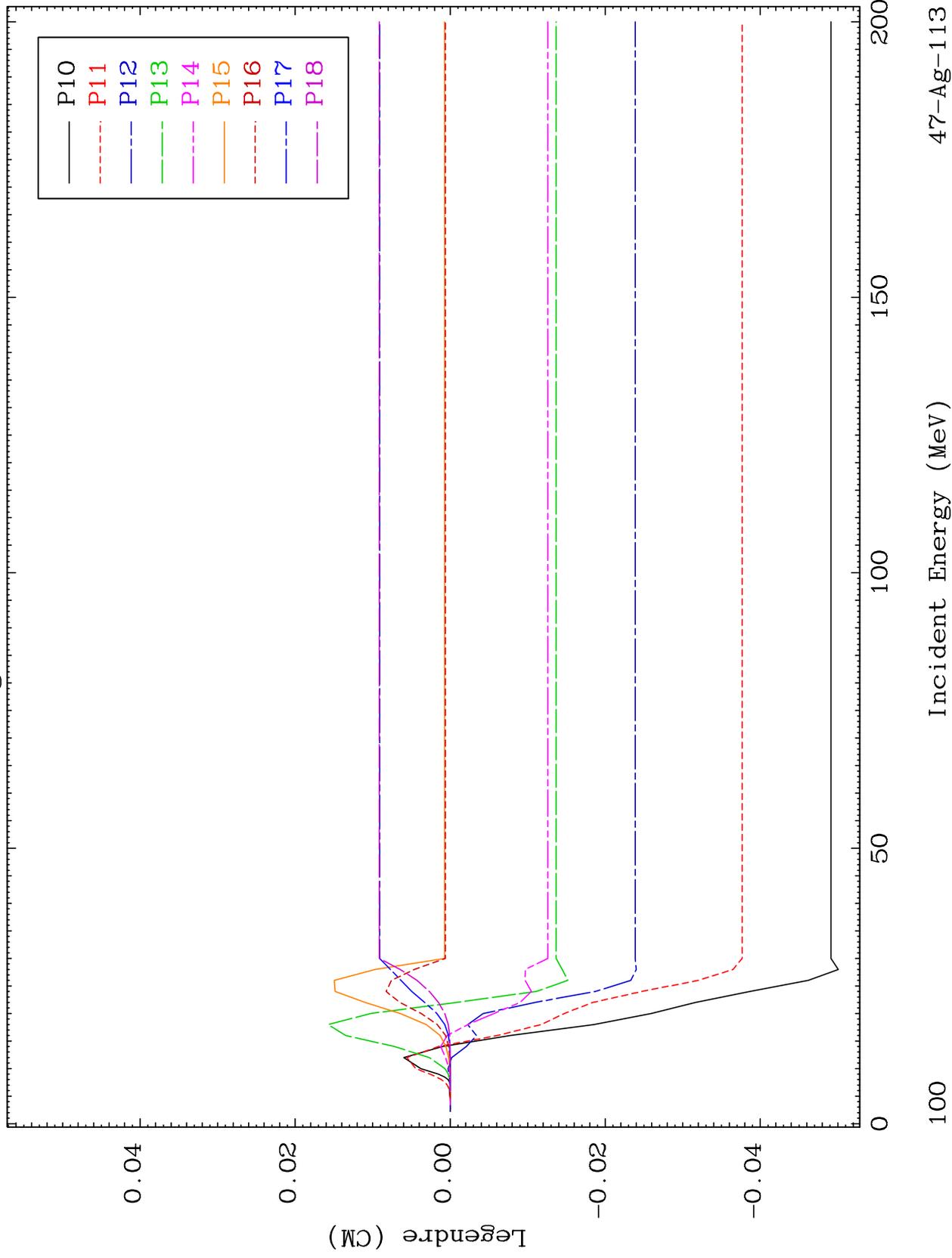




MAT 4743

1.246 MeV (n,n') Level  
Legendre Coefficients

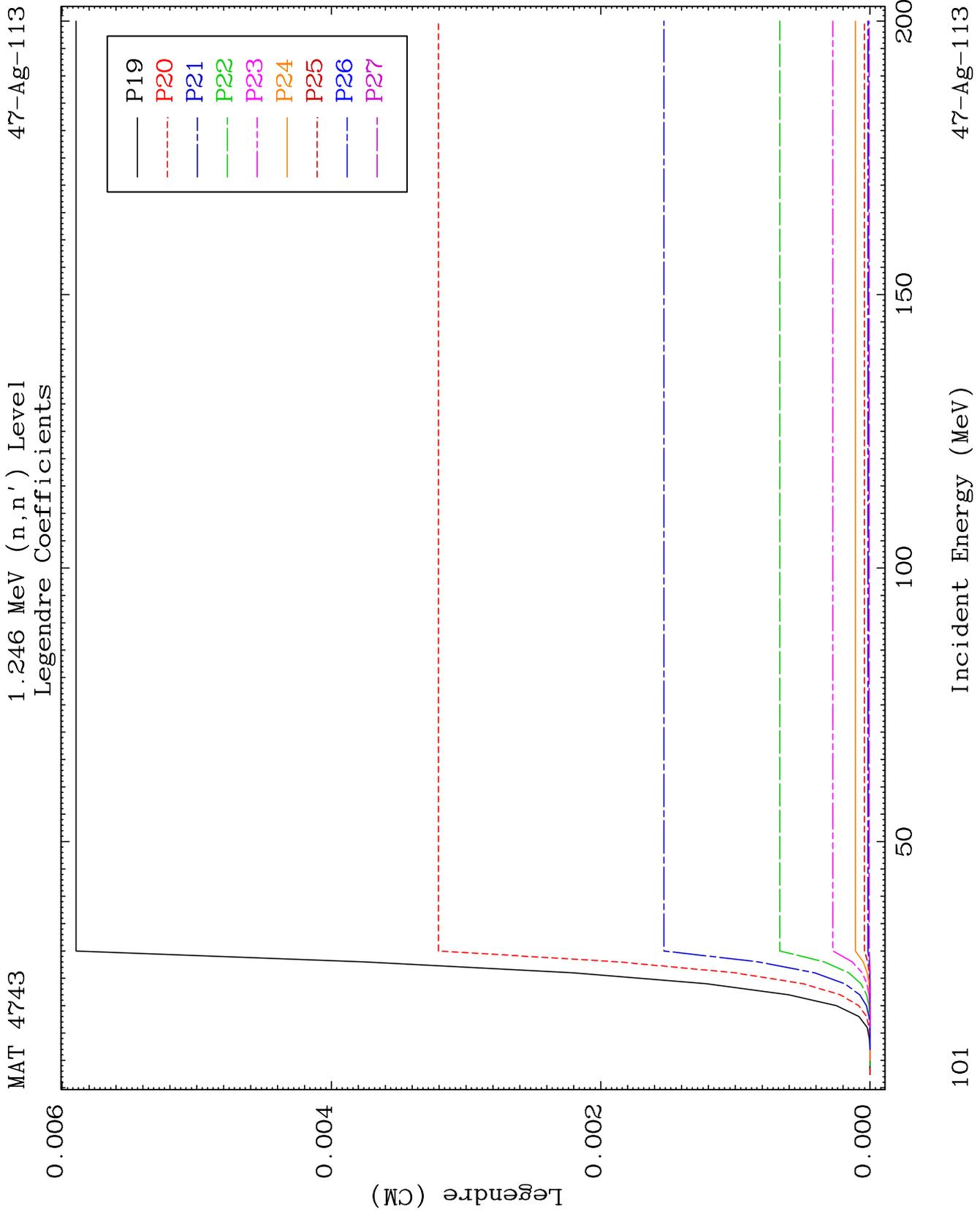
47-Ag-113



47-Ag-113

Incident Energy (MeV)

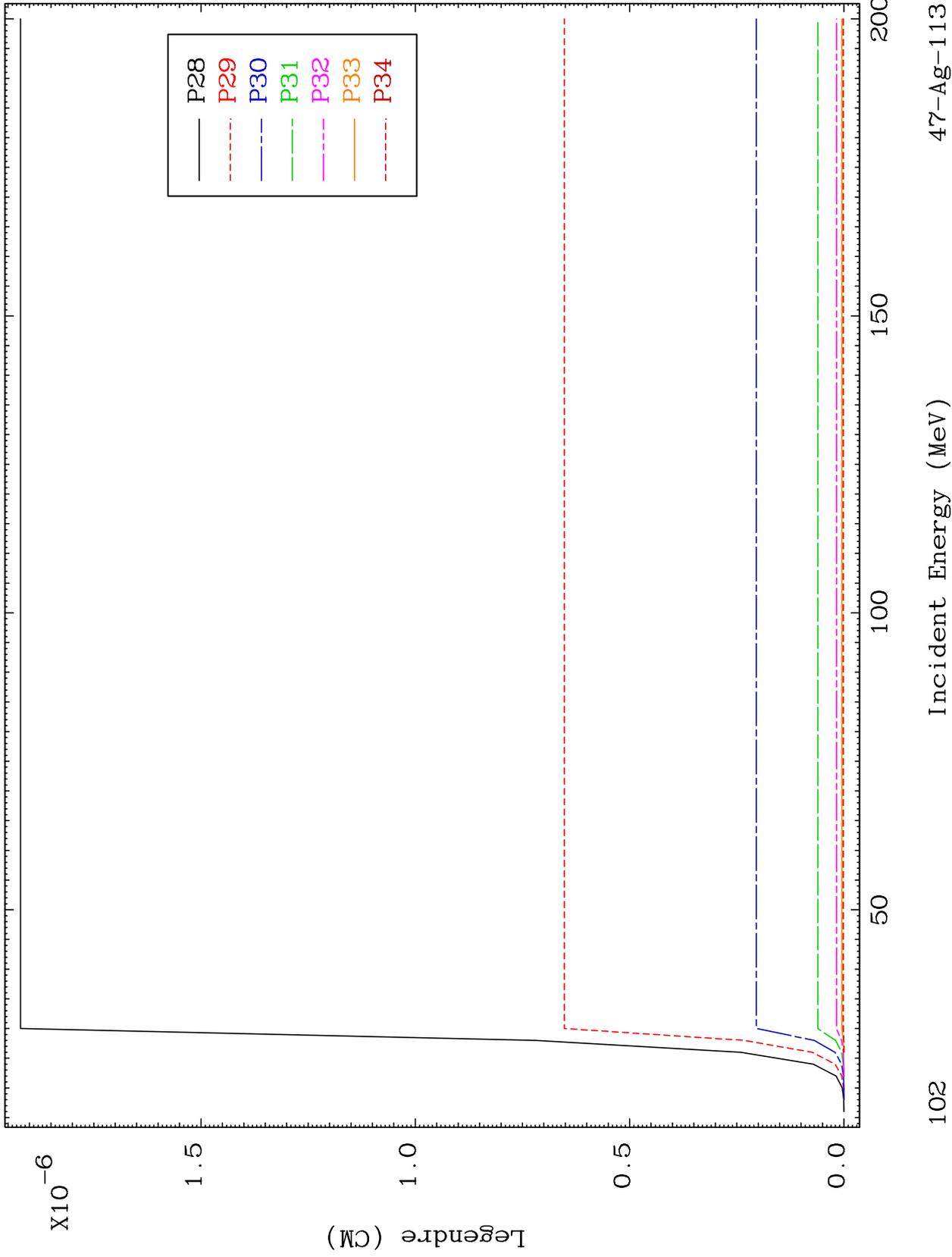
100



MAT 4743

1.246 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



102

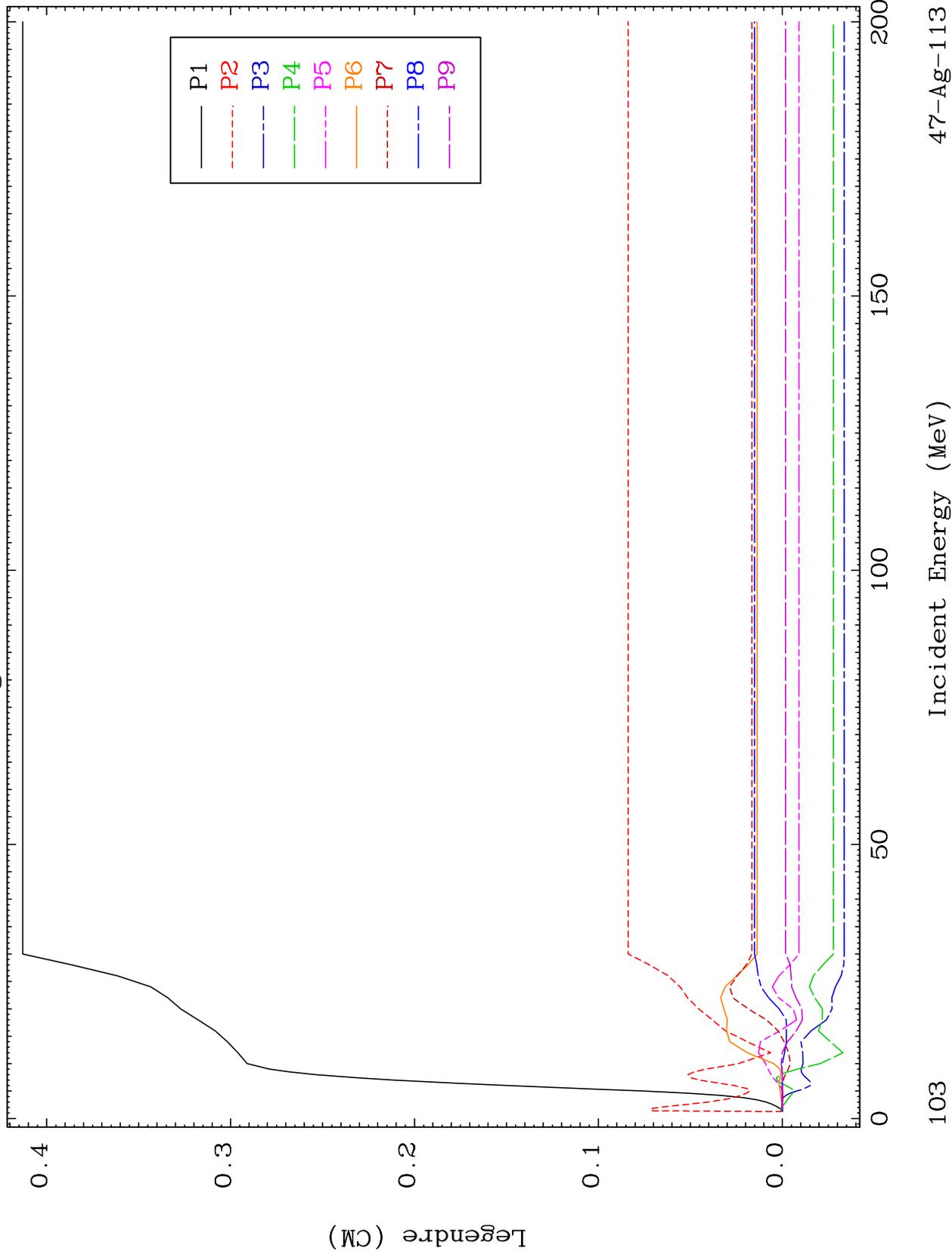
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.252 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



47-Ag-113

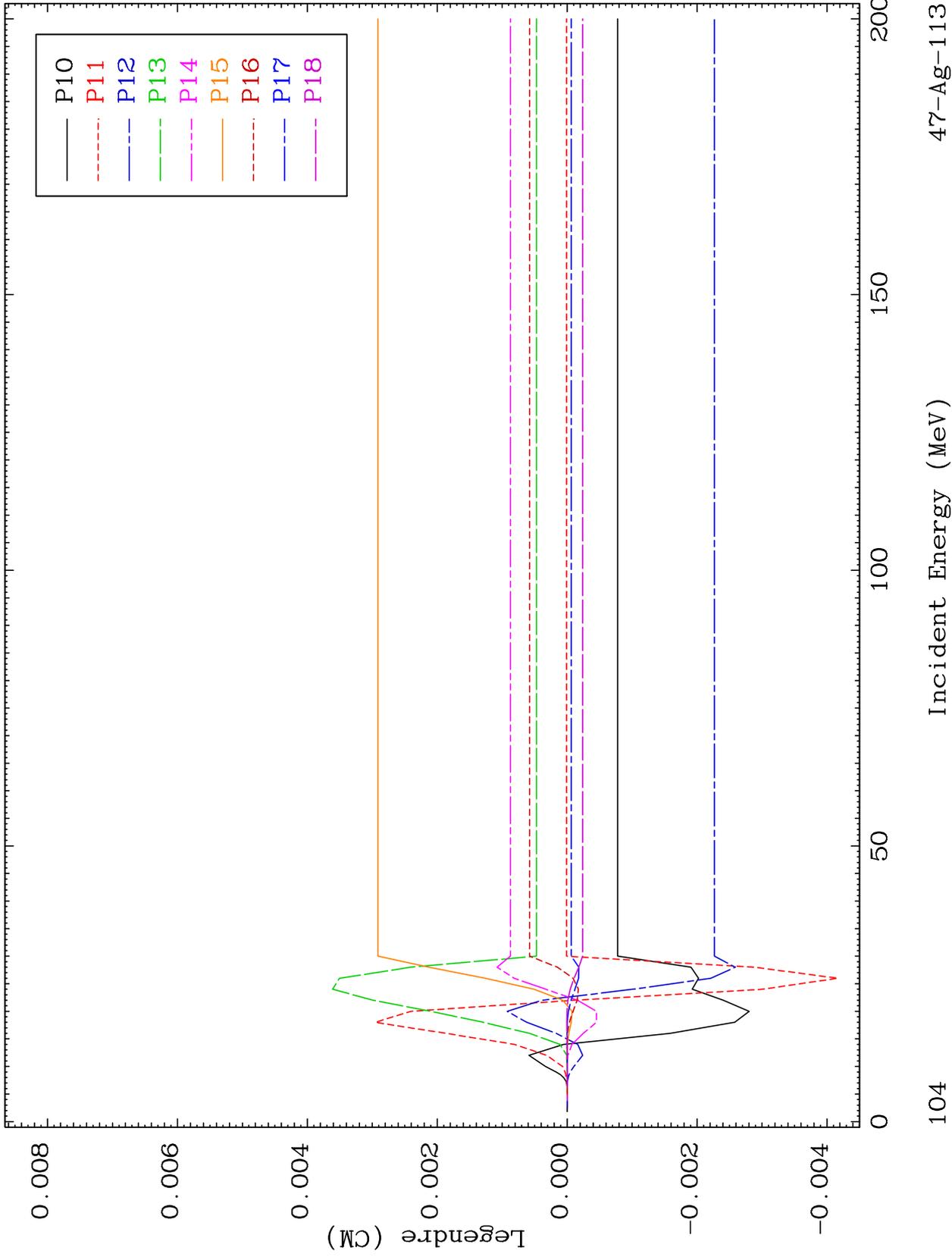
Incident Energy (MeV)

103

MAT 4743

1.252 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



104

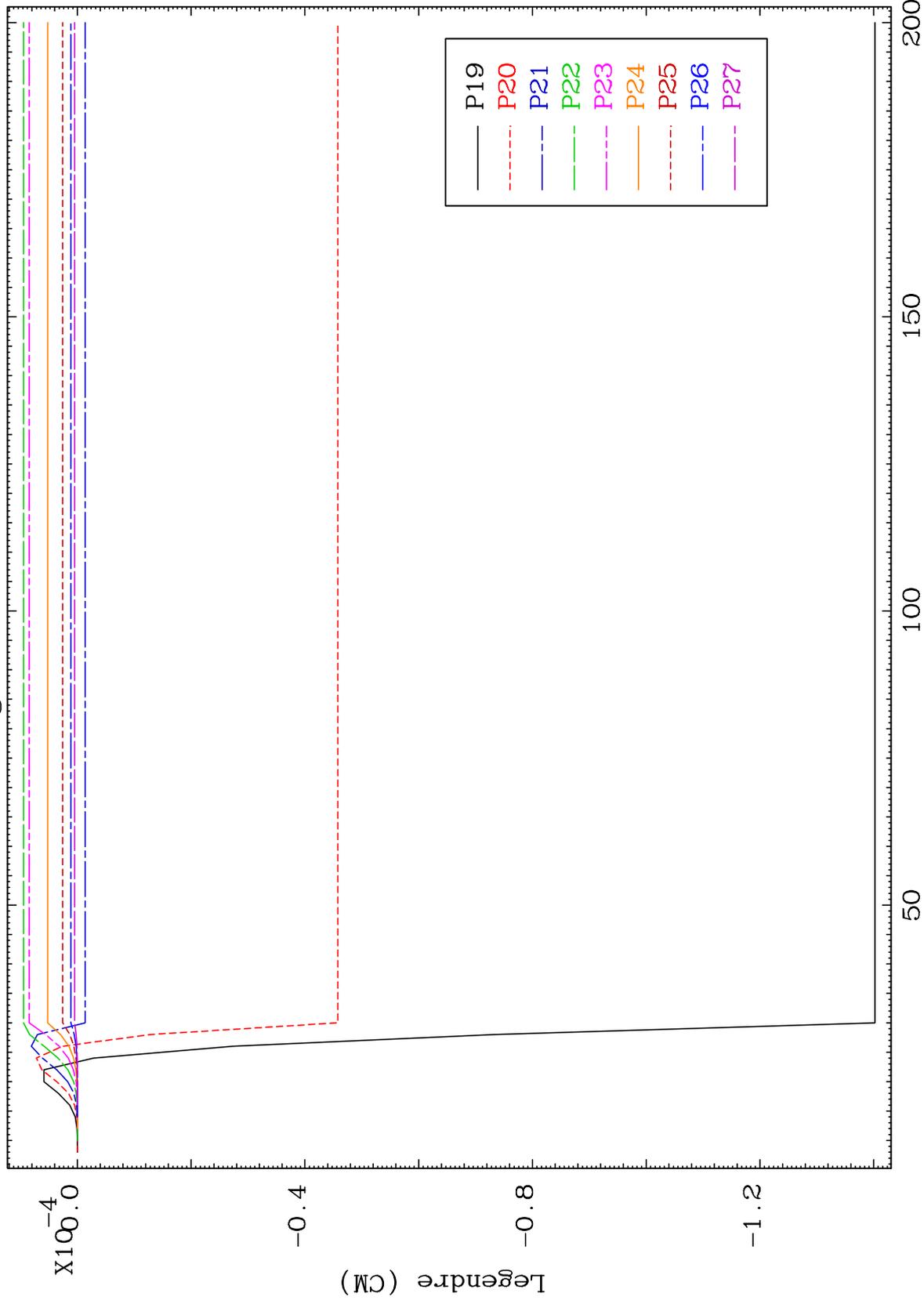
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.252 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



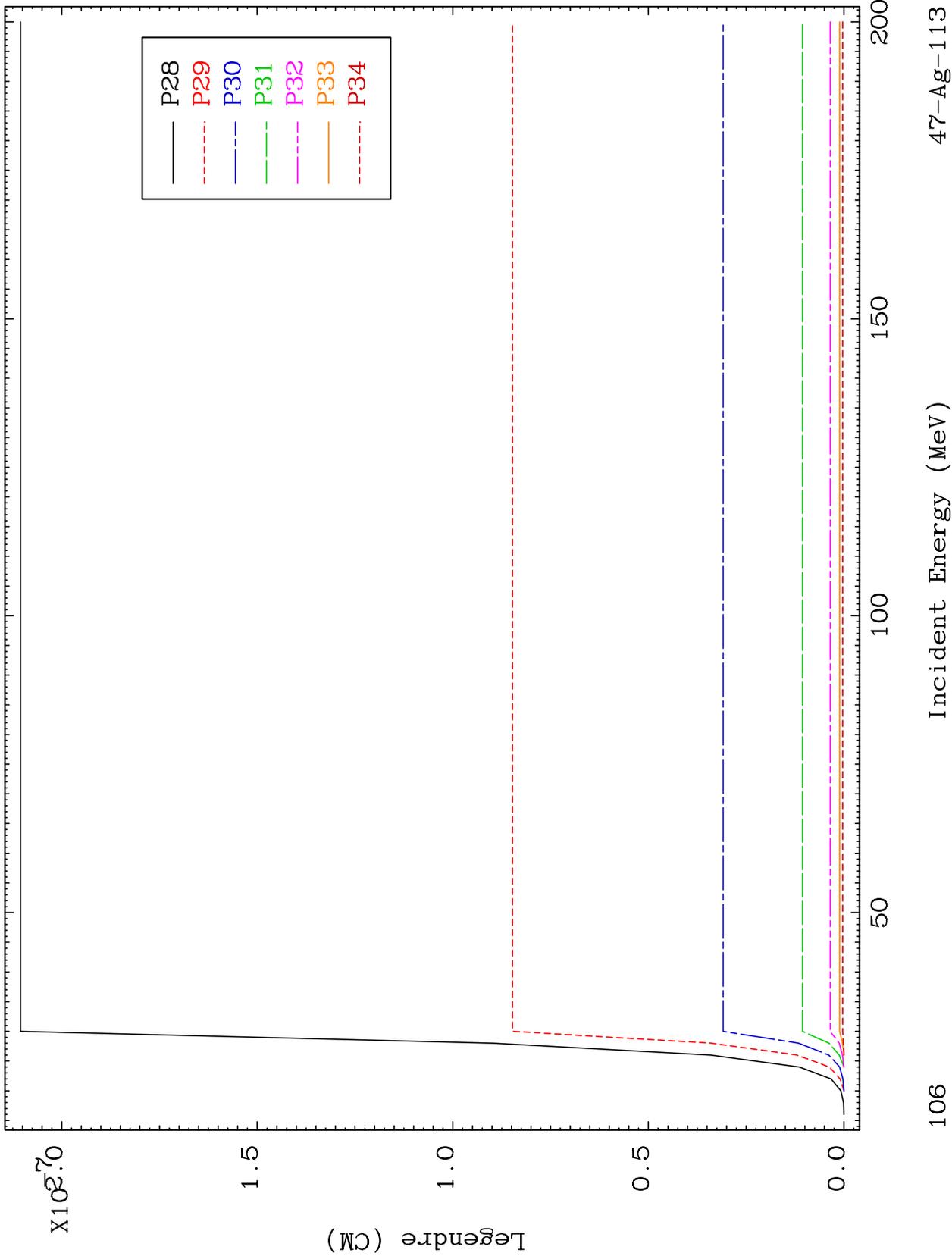
105

47-Ag-113

MAT 4743

1.252 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



106

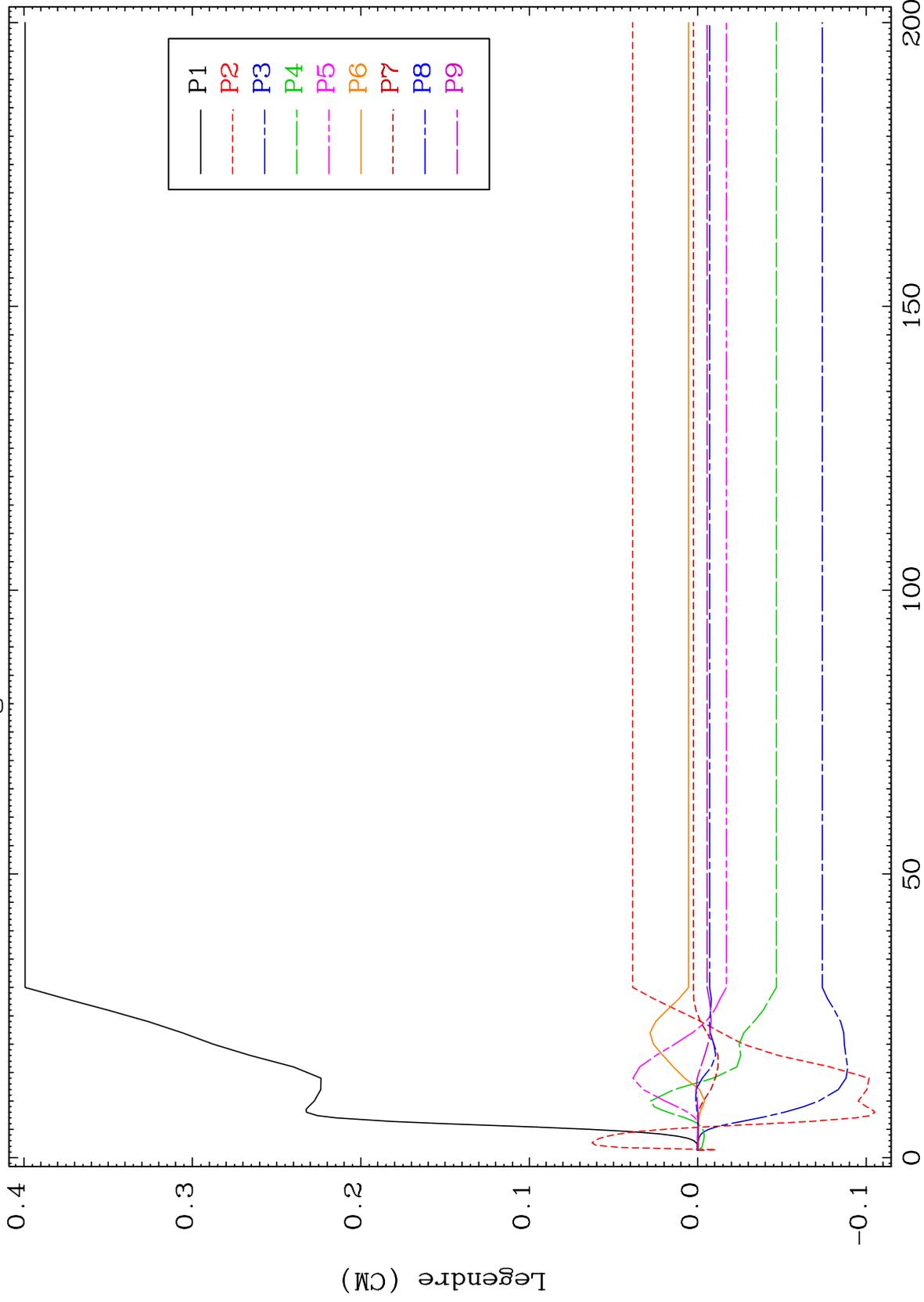
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.266 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



107

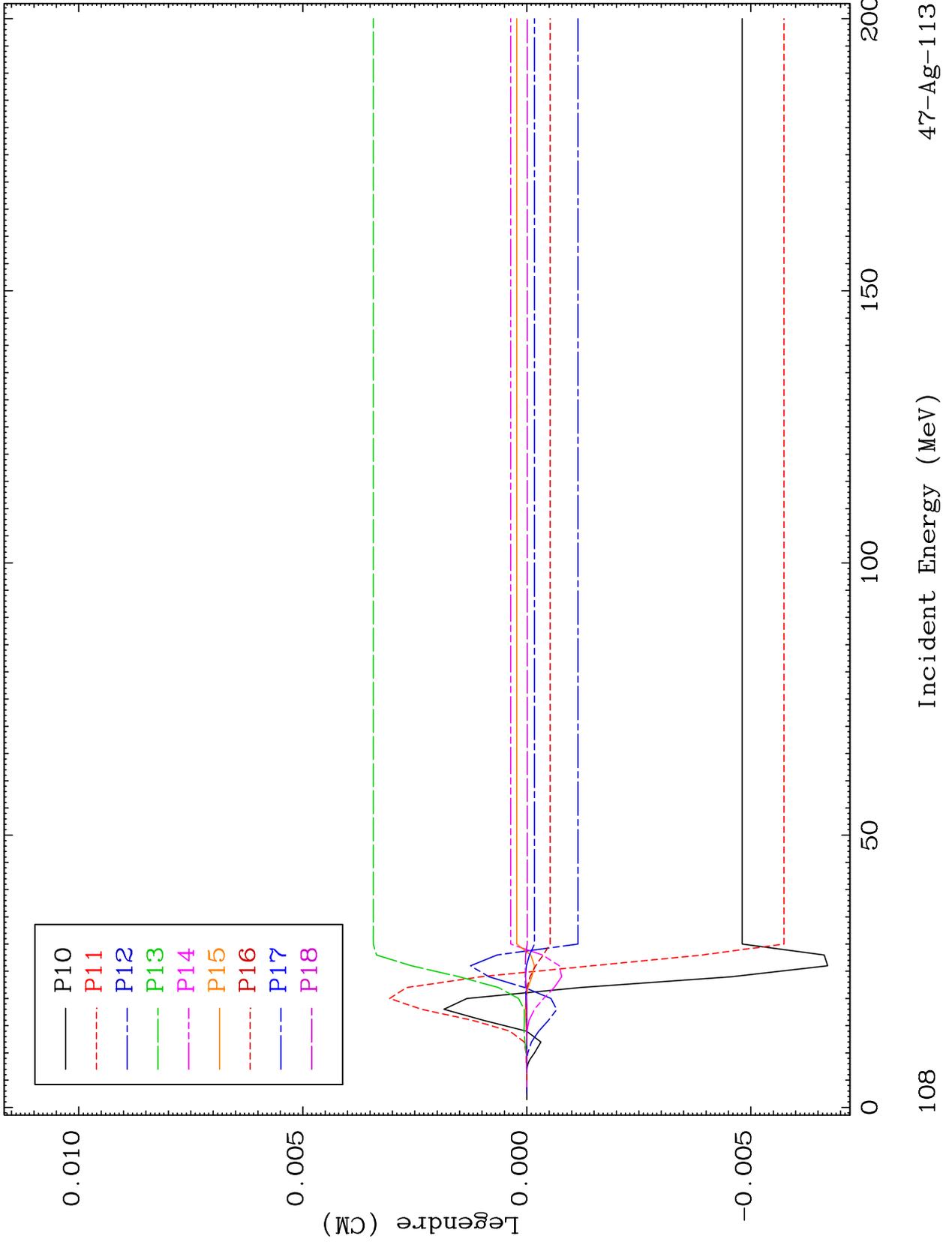
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.266 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



108

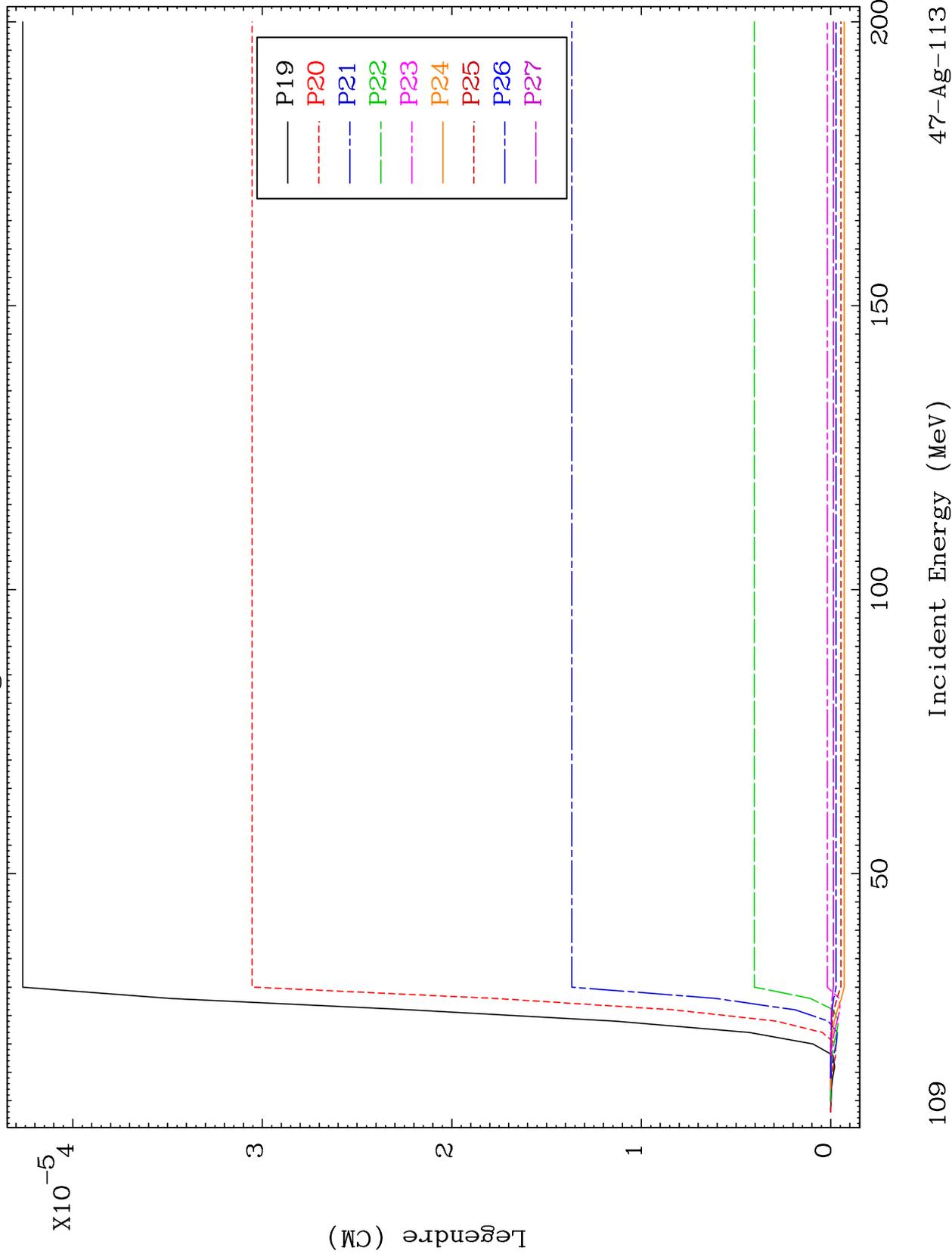
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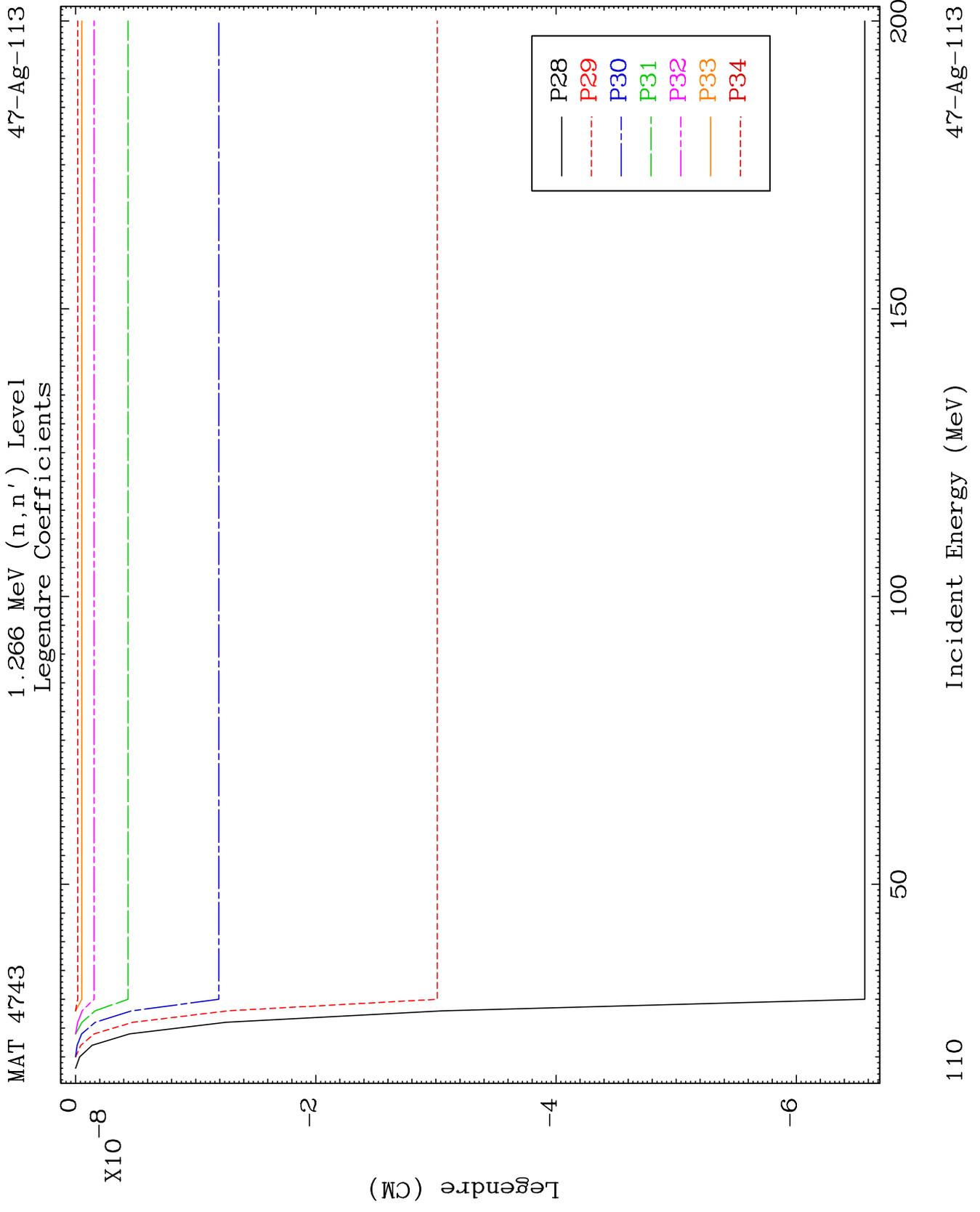
47-Ag-113

MAT 4743

1.266 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113

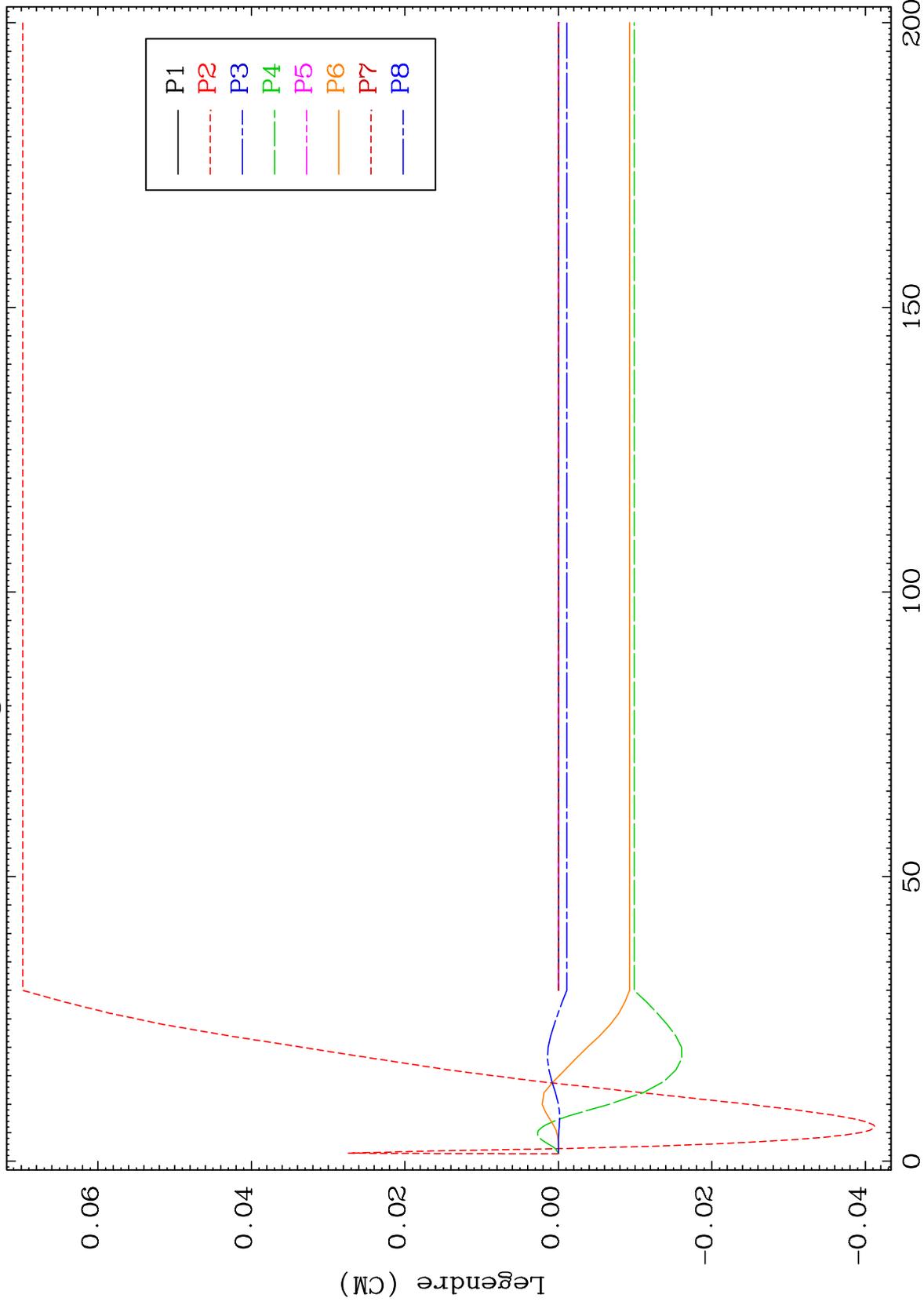




MAT 4743

1.276 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



111

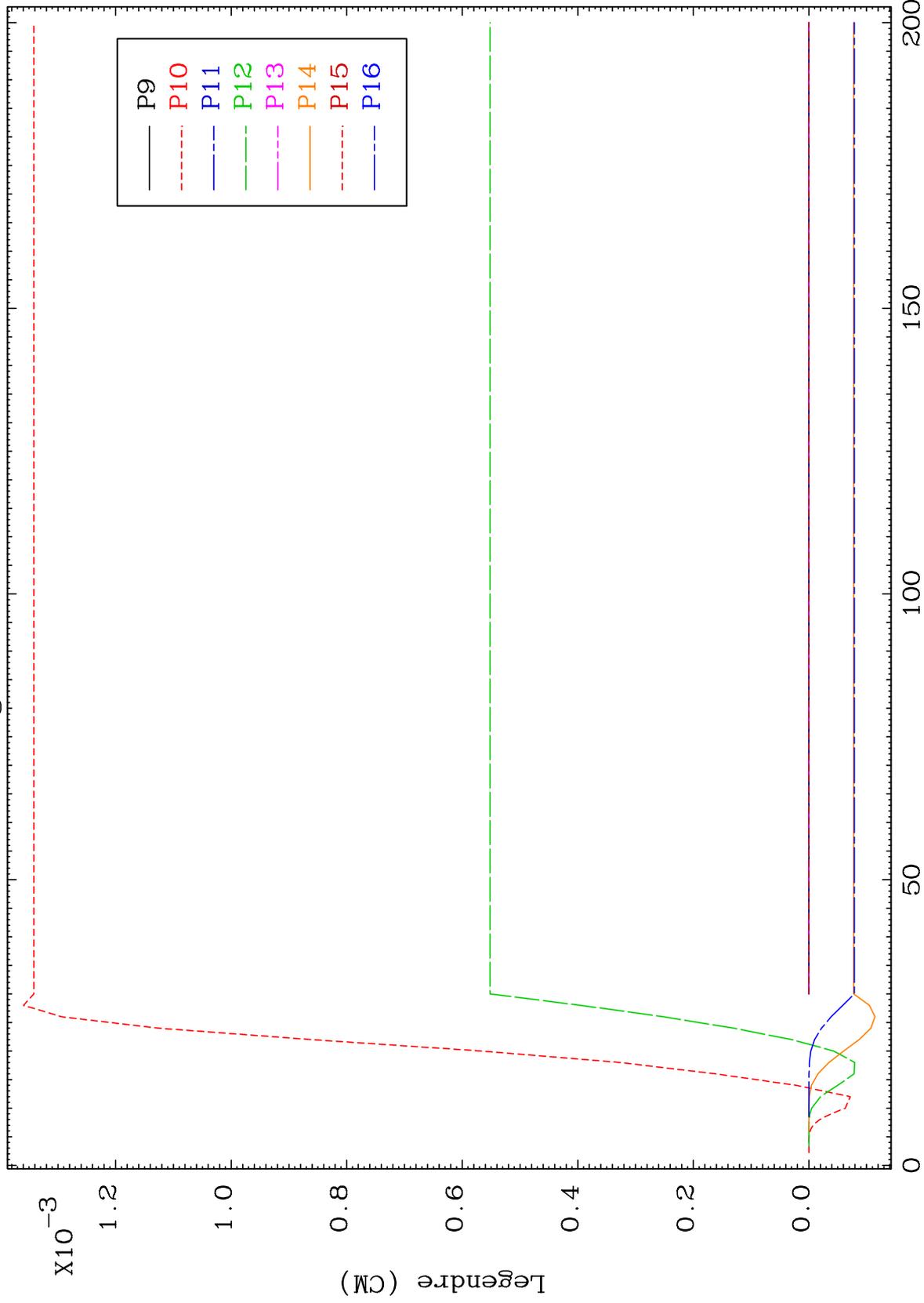
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.276 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



112

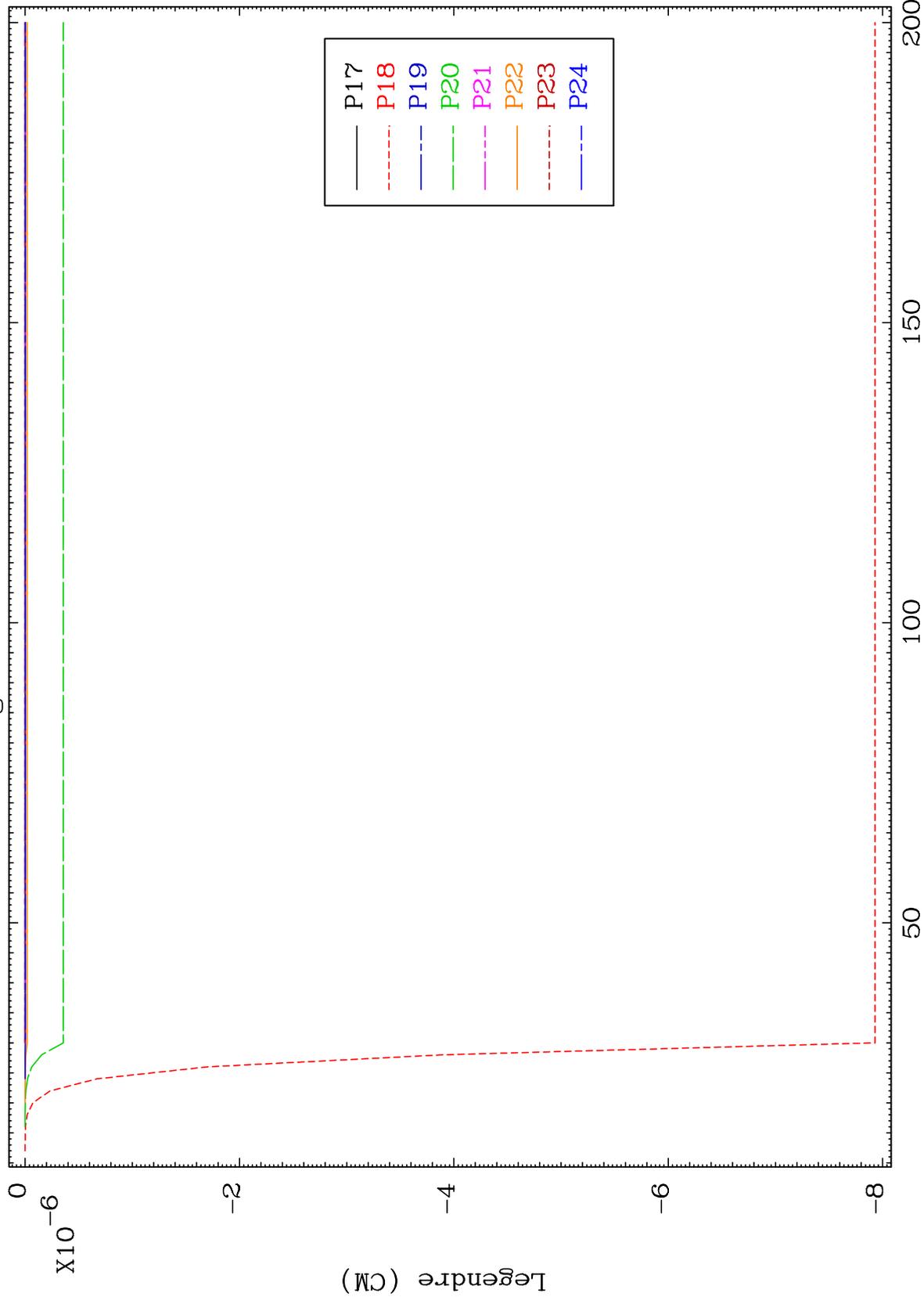
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.276 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



47-Ag-113

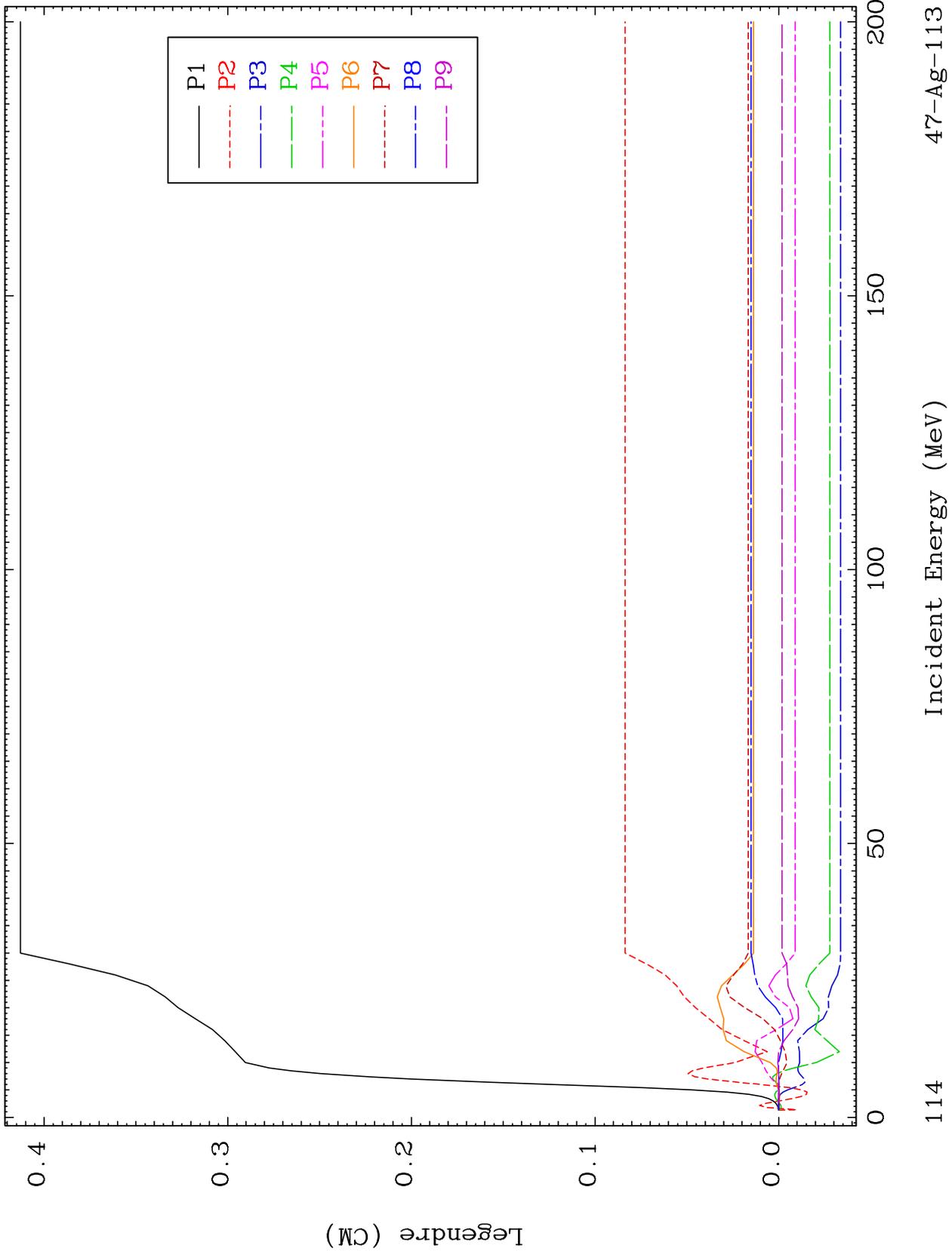
Incident Energy (MeV)

113

MAT 4743

1.286 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



114

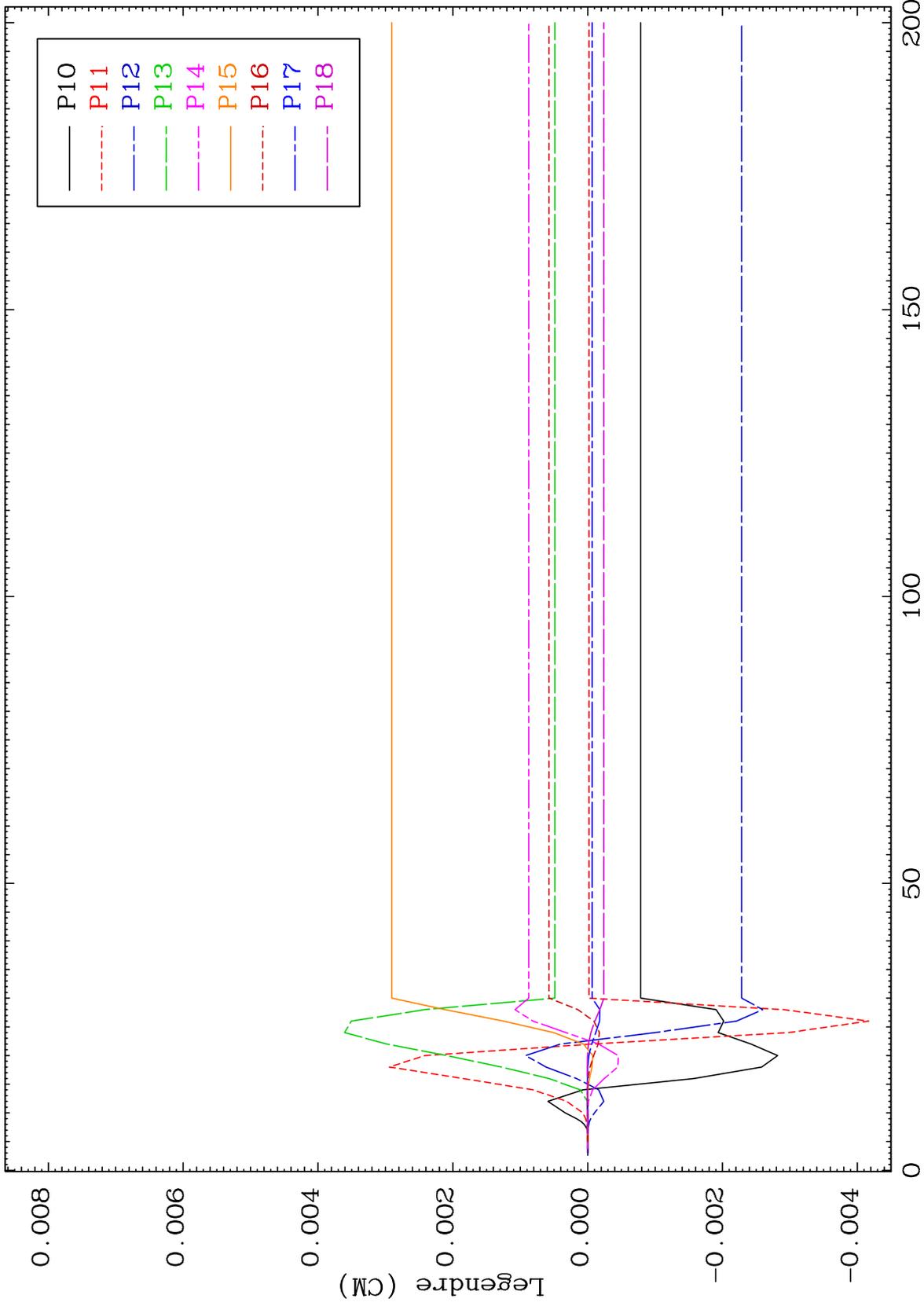
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.286 MeV (n,n') Level  
Legendre Coefficients

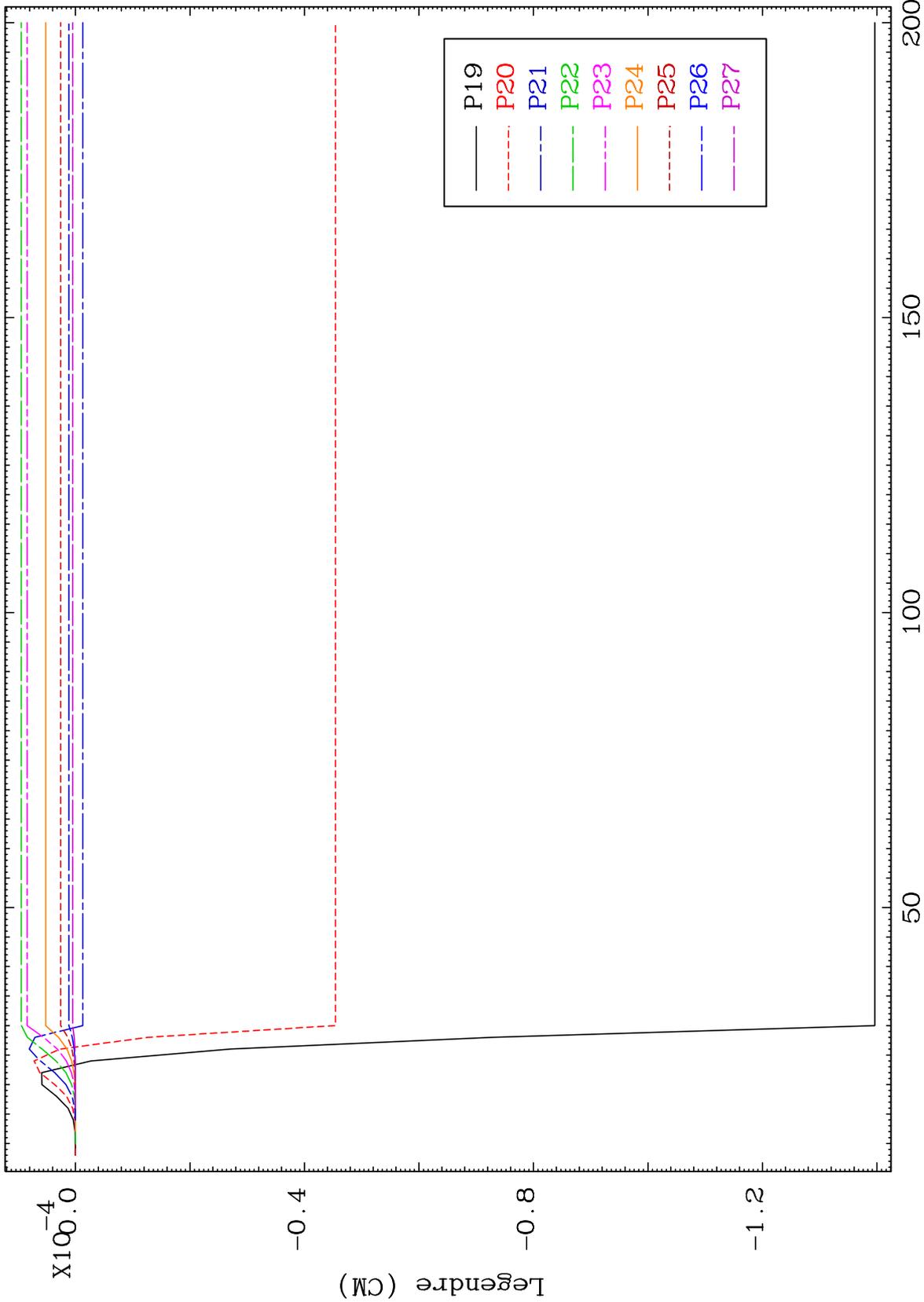
47-Ag-113



115

Incident Energy (MeV)

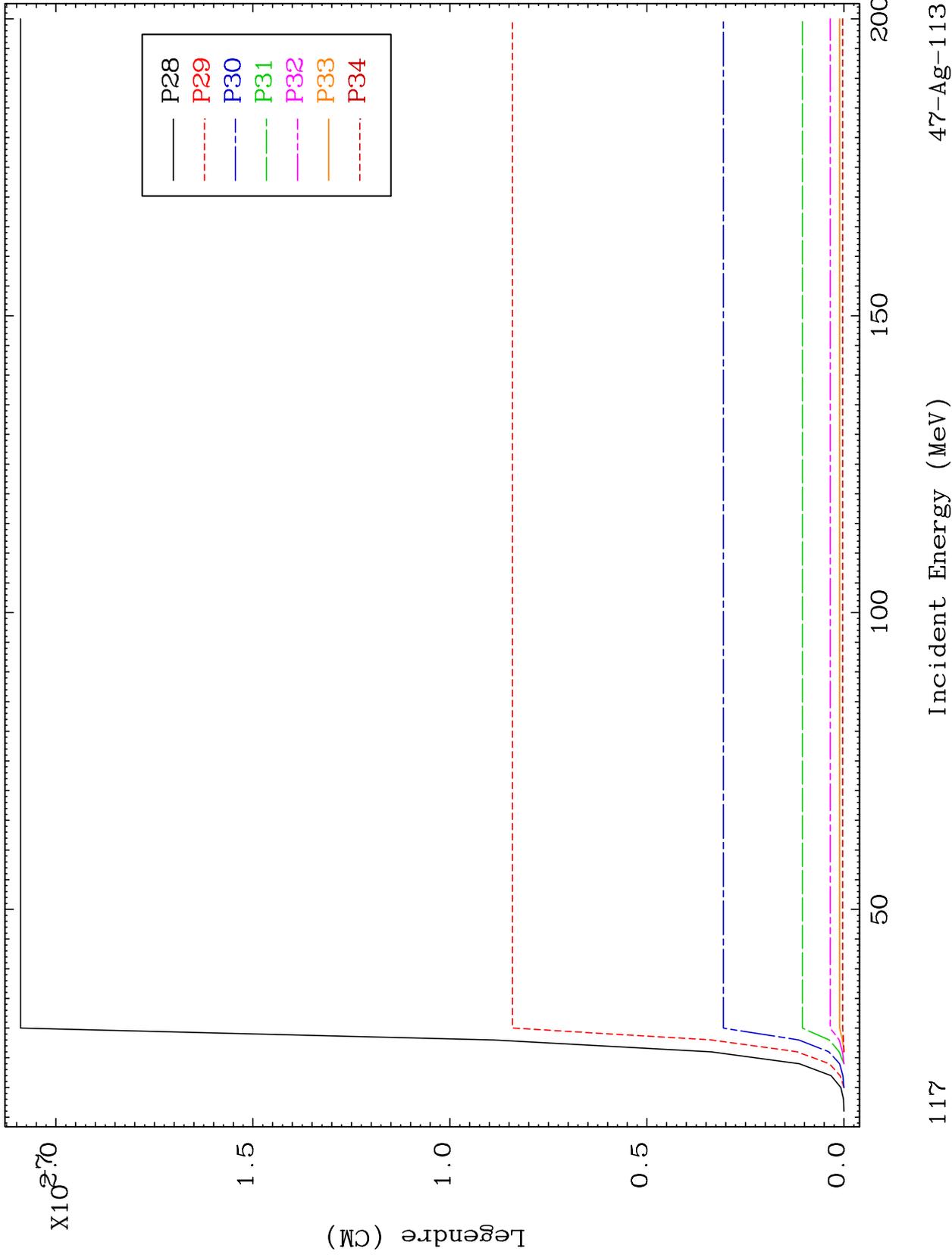
47-Ag-113



MAT 4743

1.286 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



117

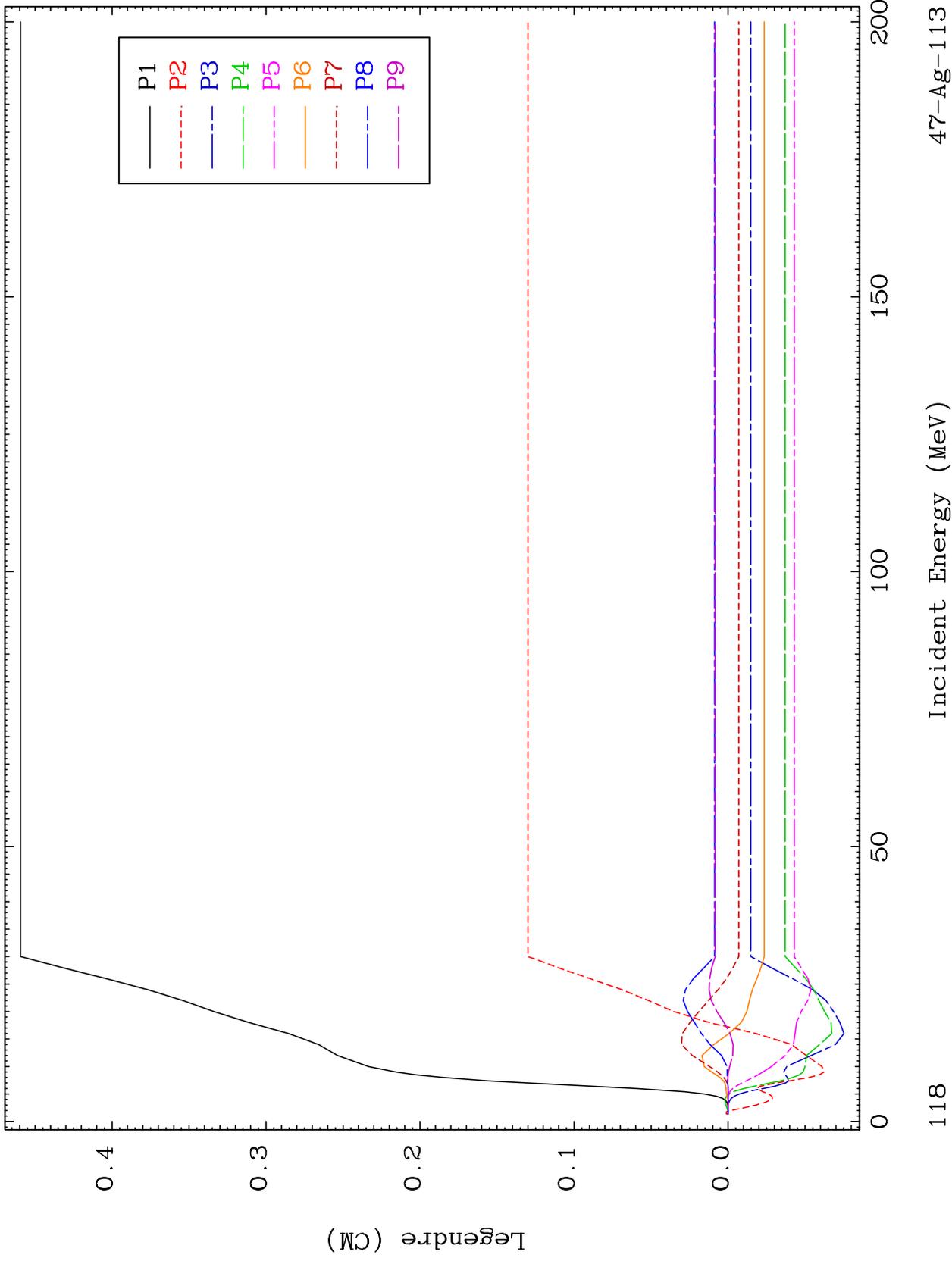
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.309 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



47-Ag-113

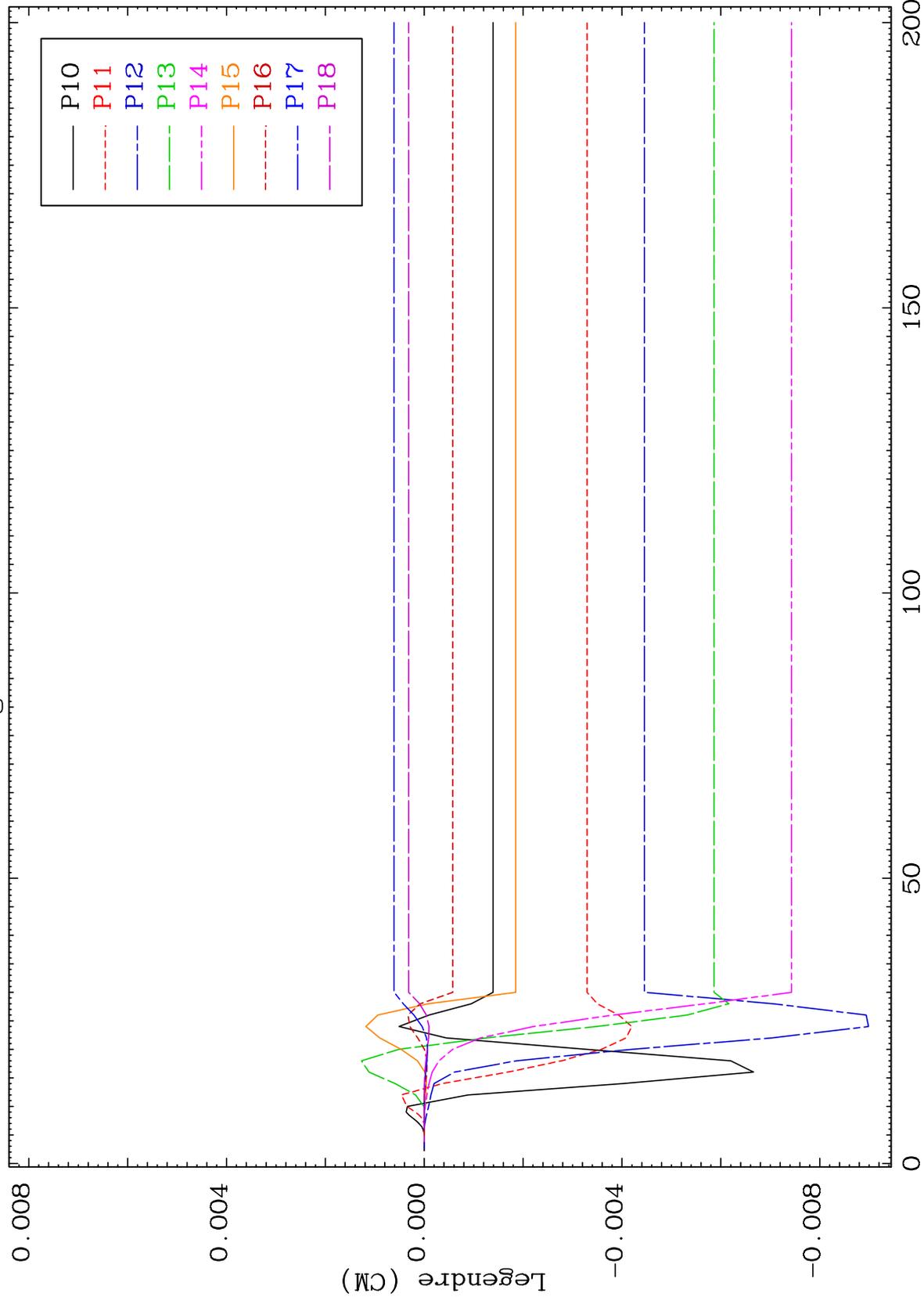
Incident Energy (MeV)

118

MAT 4743

1.309 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



119

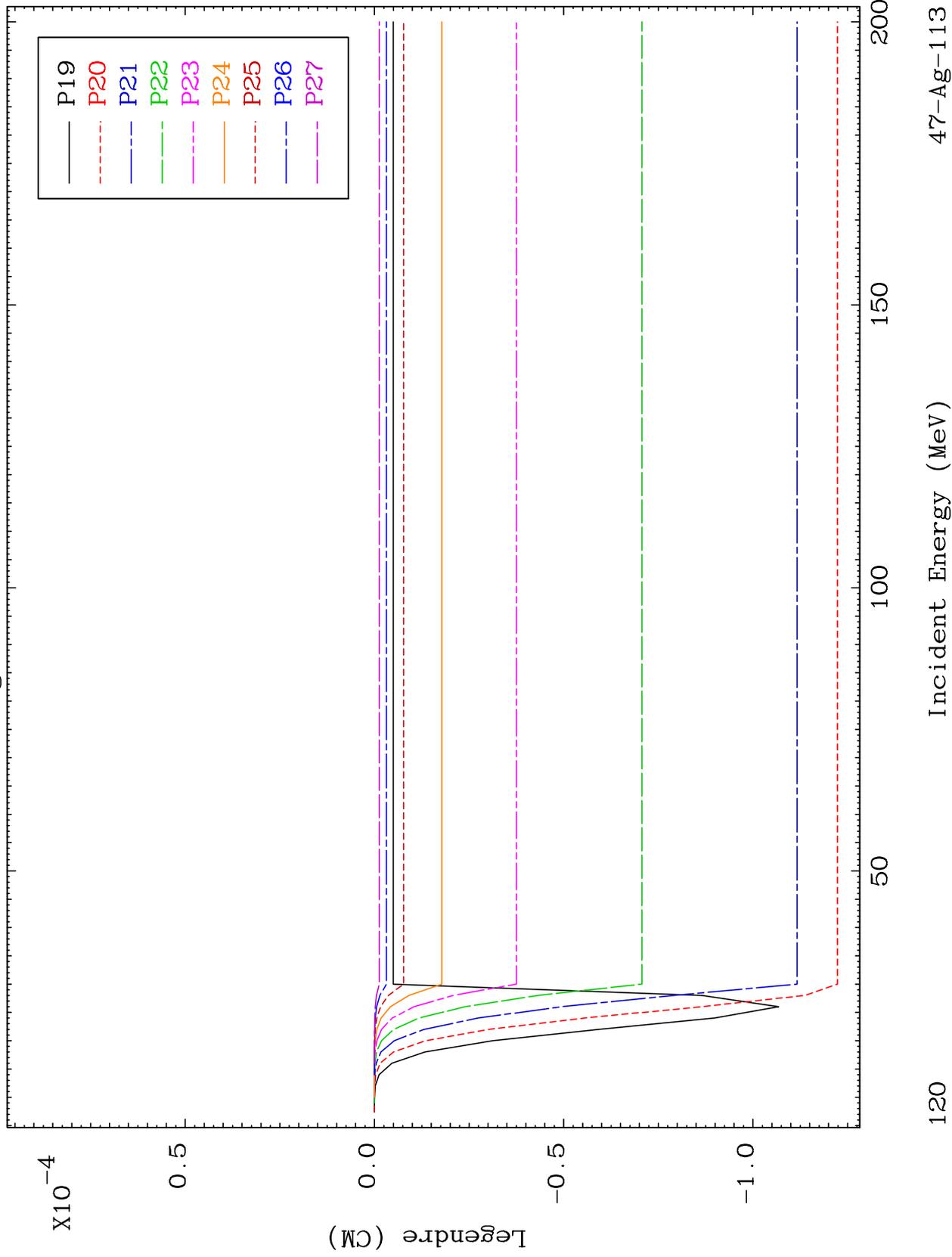
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.309 MeV (n,n') Level  
Legendre Coefficients

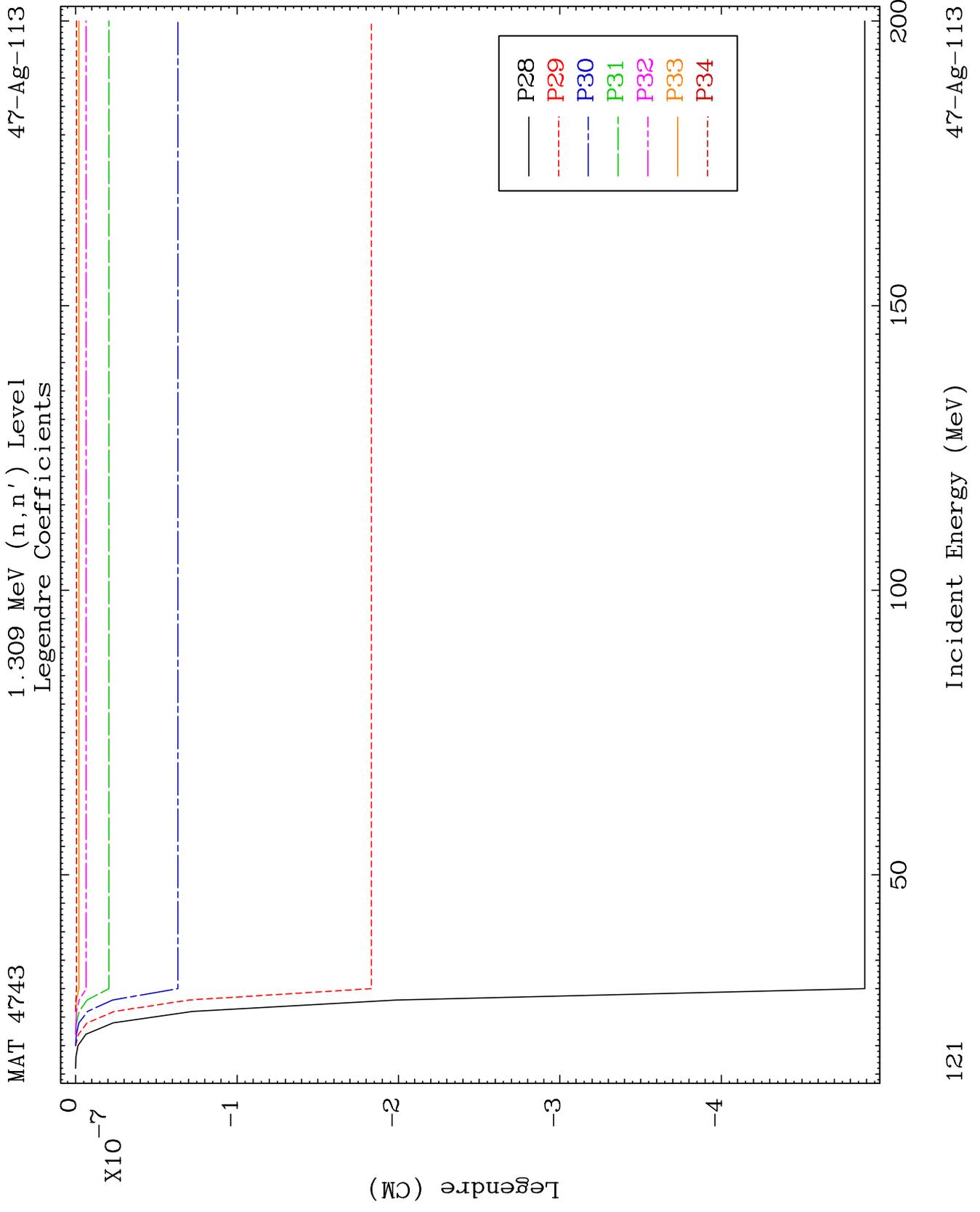
47-Ag-113



120

Incident Energy (MeV)

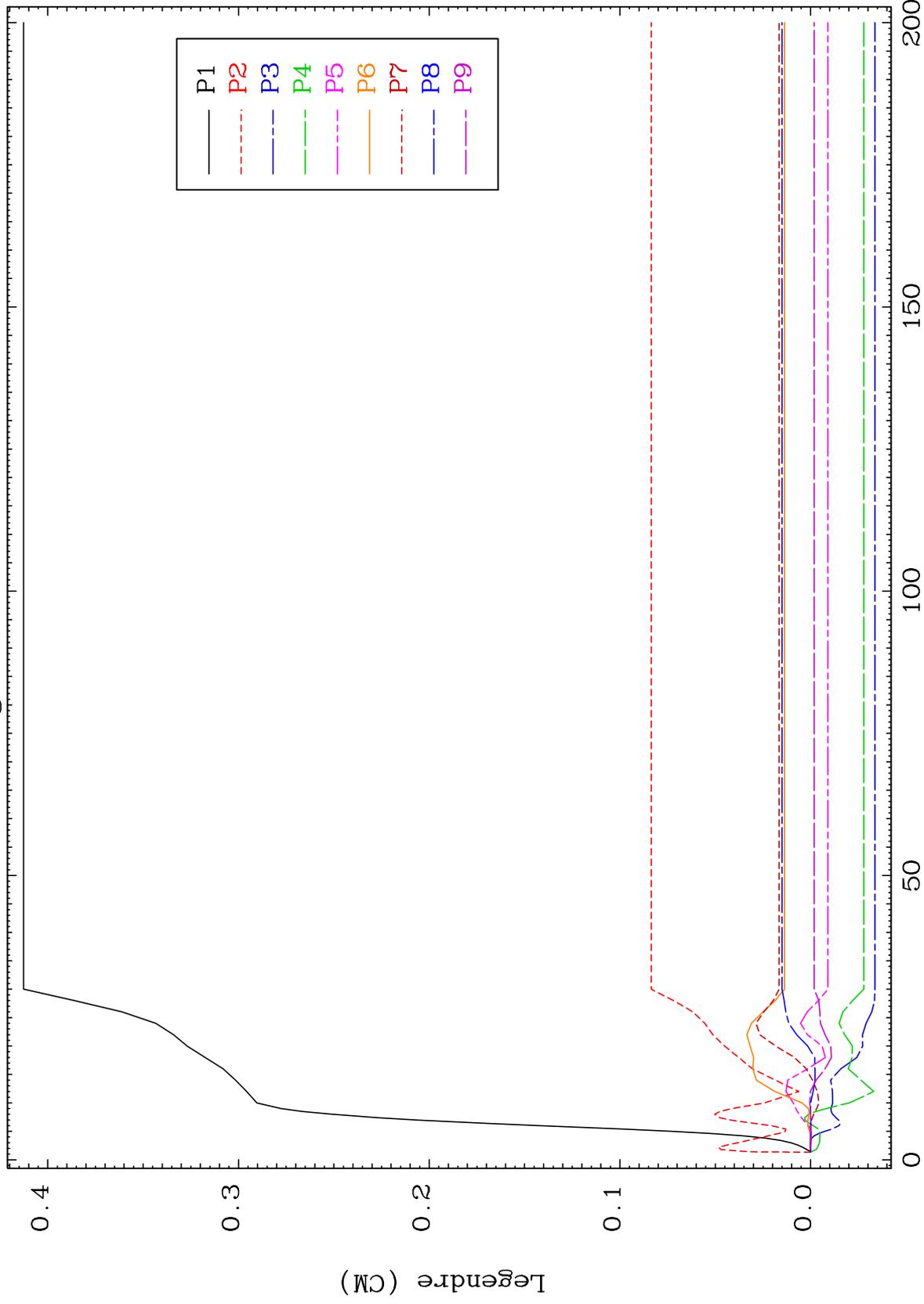
47-Ag-113



MAT 4743

1.316 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



122

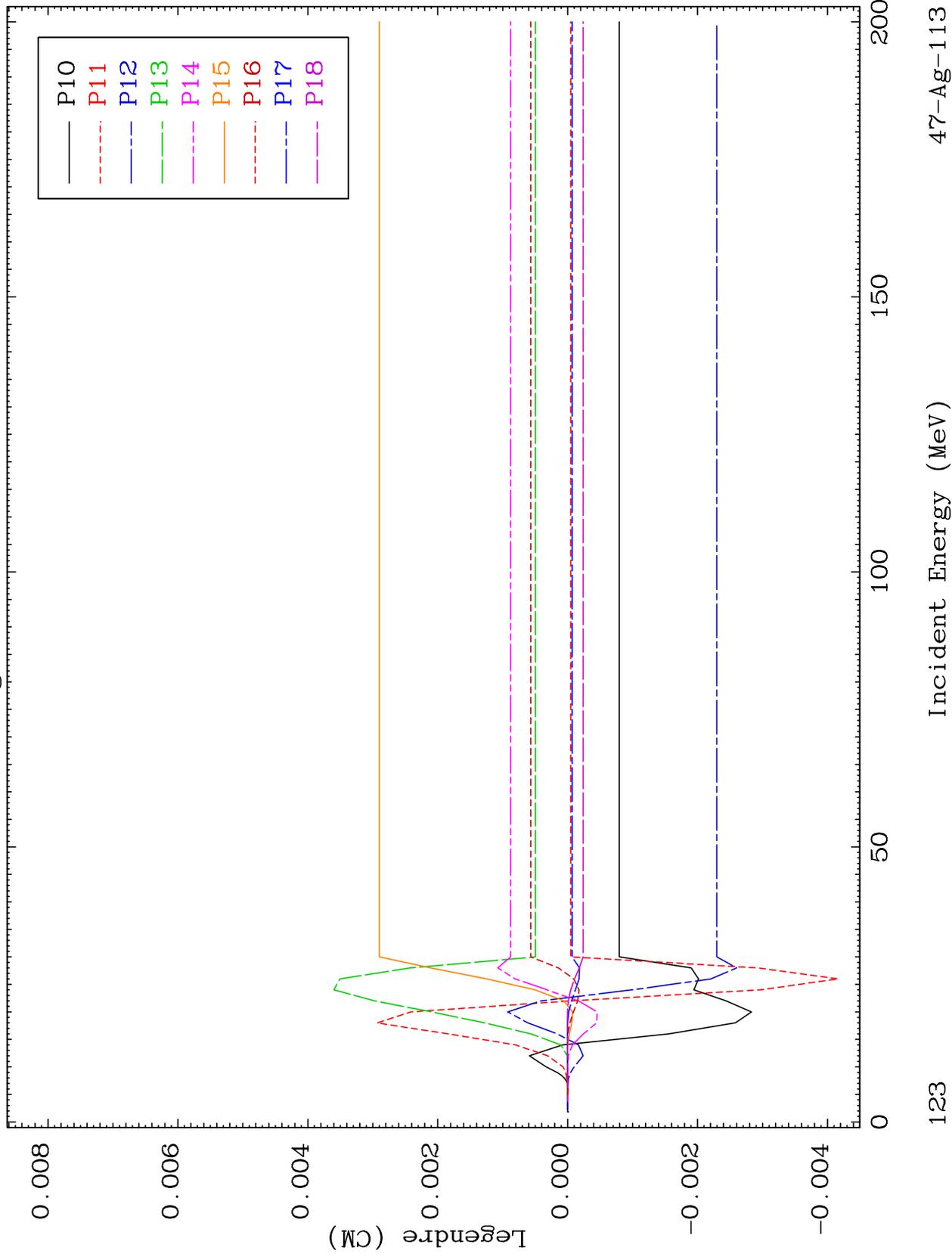
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.316 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113

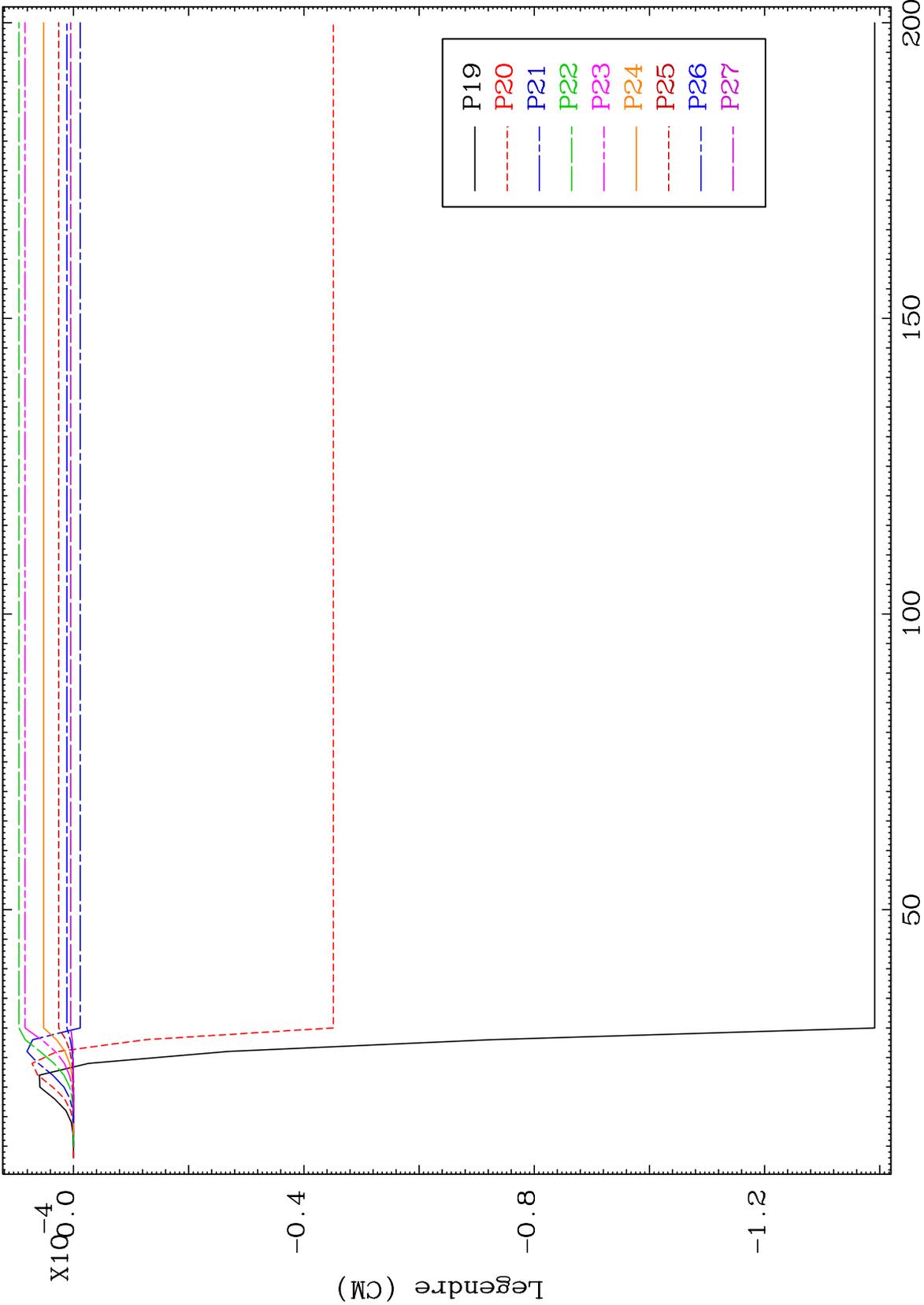


123

Incident Energy (MeV)

47-Ag-113

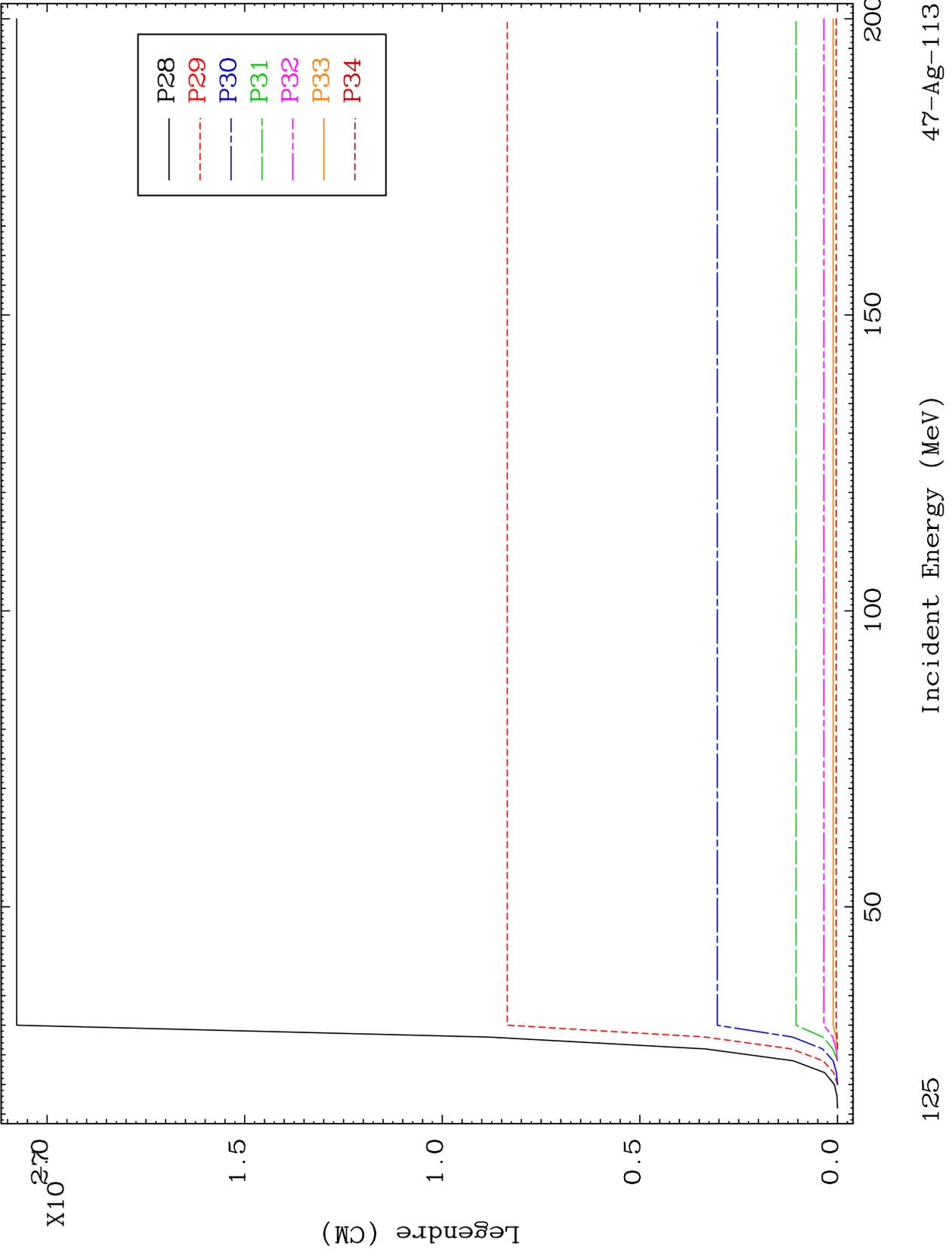
Legendre Coefficients



MAT 4743

1.316 MeV (n,n') Level  
Legendre Coefficients

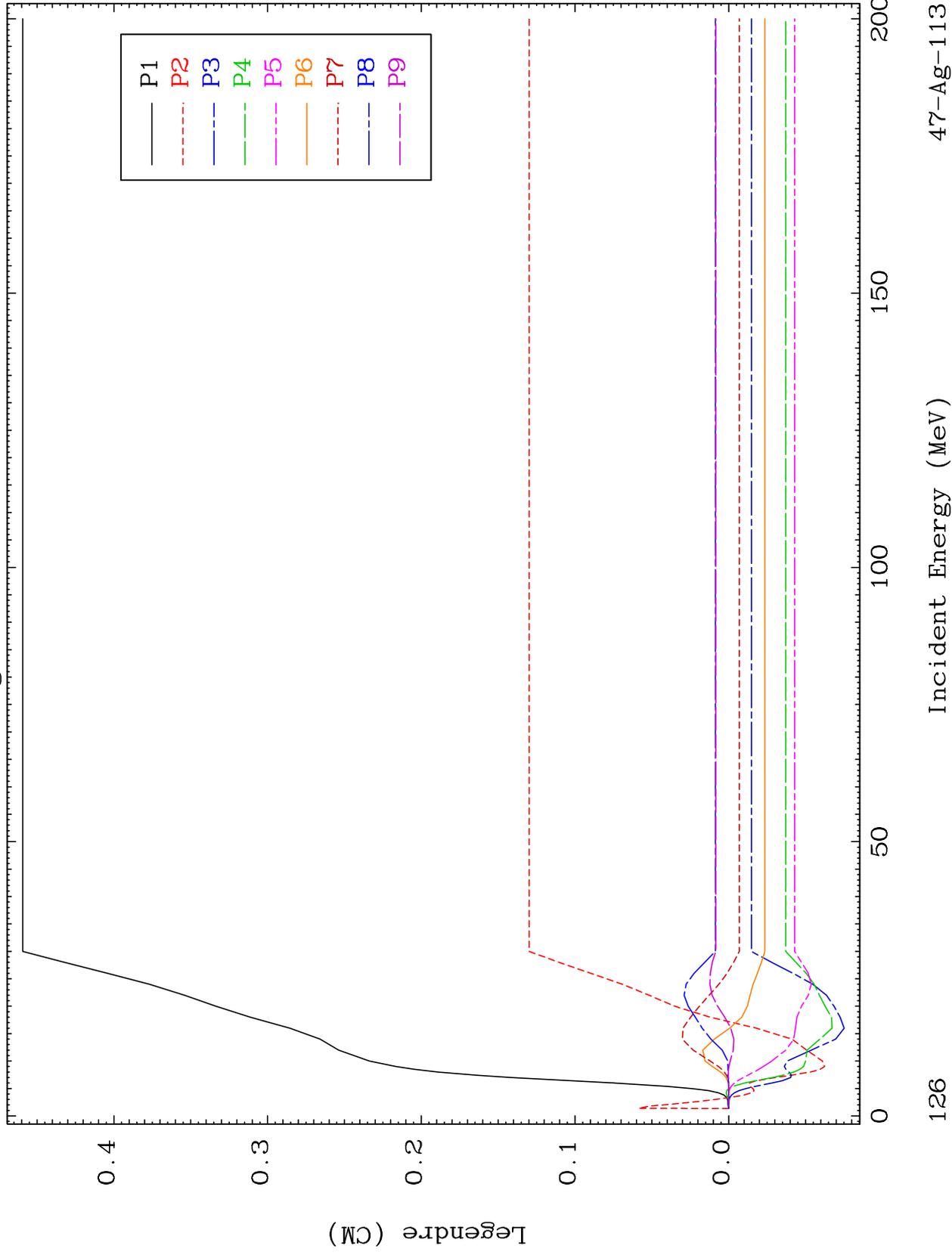
47-Ag-113



MAT 4743

1.329 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



47-Ag-113

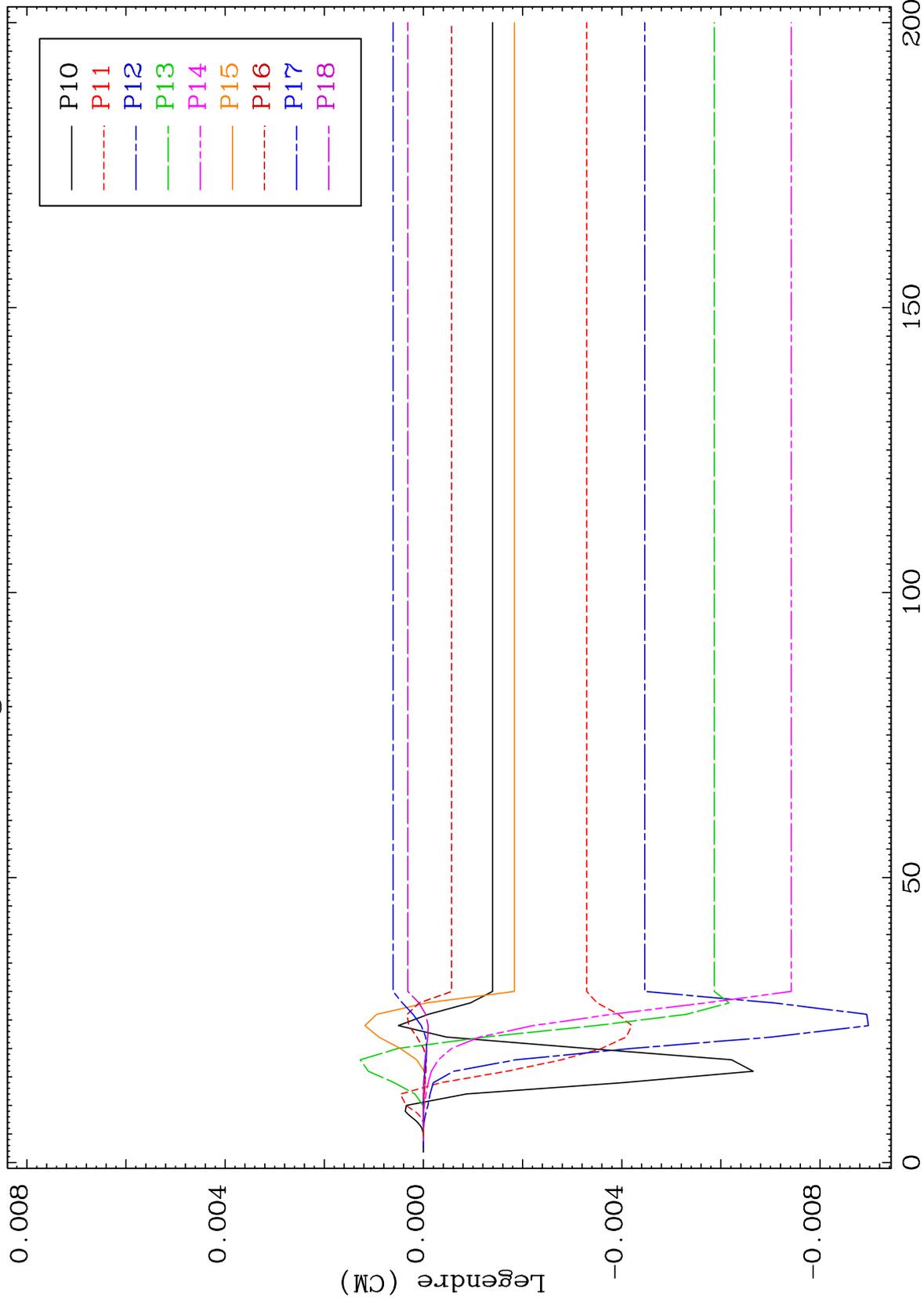
Incident Energy (MeV)

126

MAT 4743

1.329 MeV (n,n') Level  
Legendre Coefficients

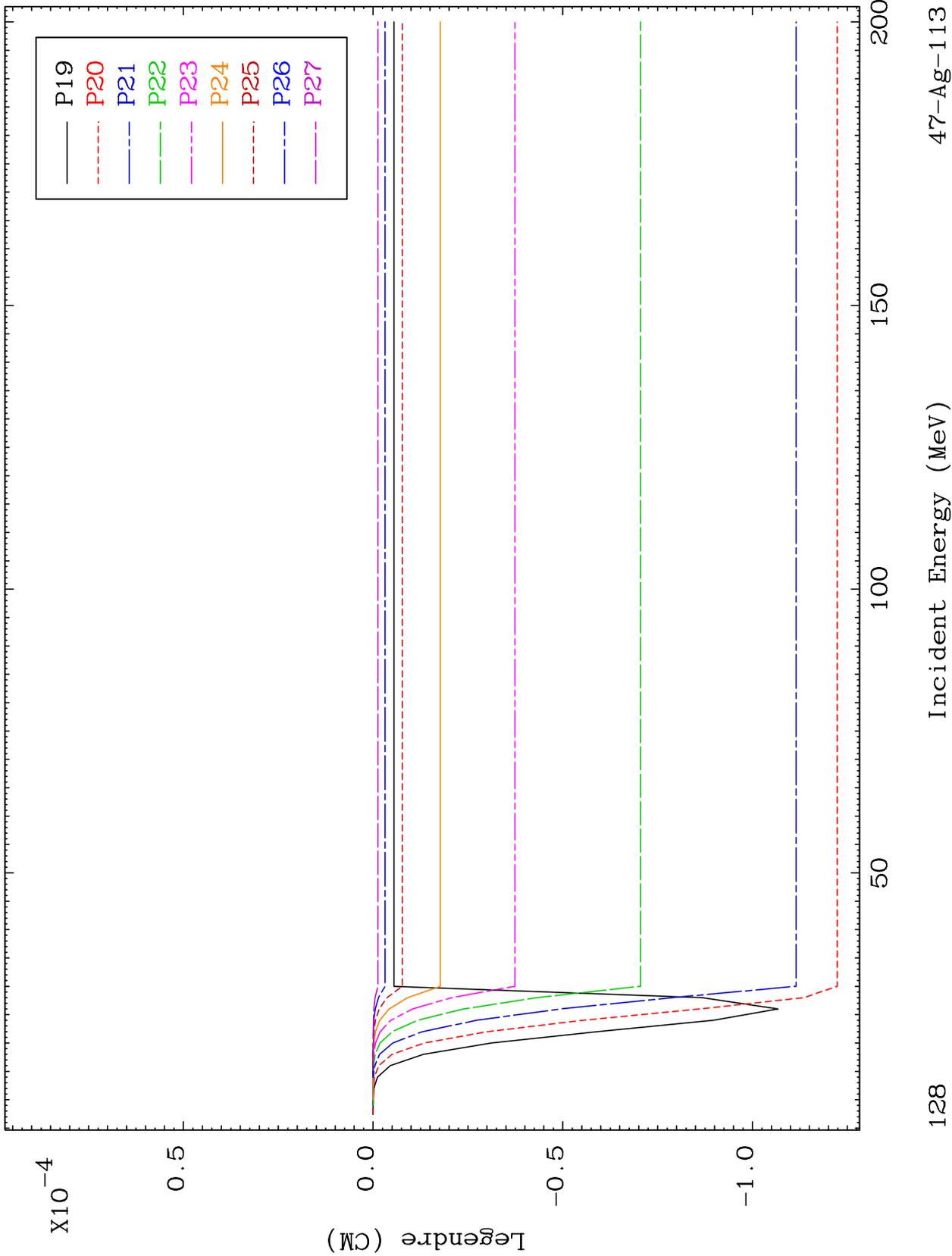
47-Ag-113



127

Incident Energy (MeV)

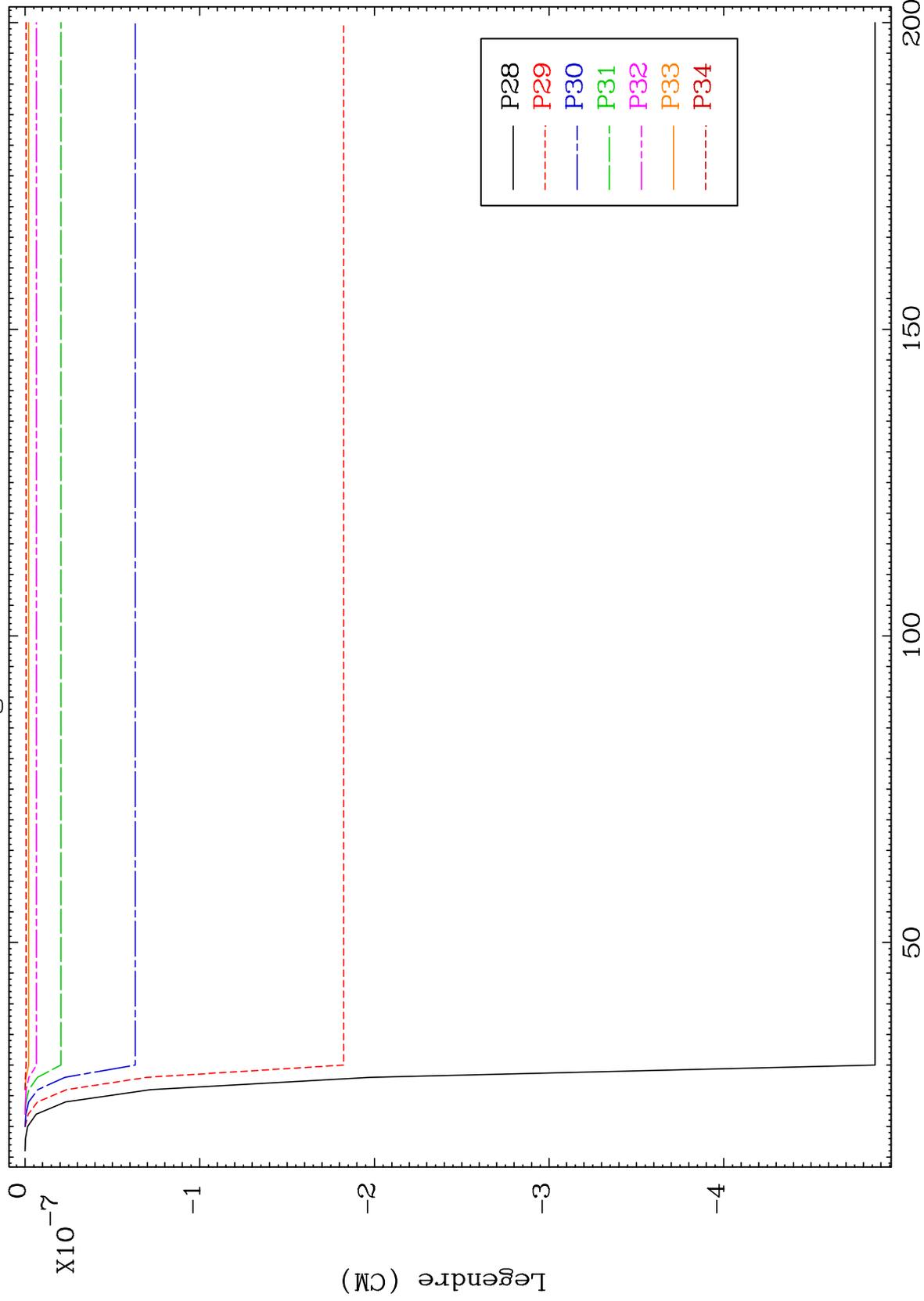
47-Ag-113



MAT 4743

1.329 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



129

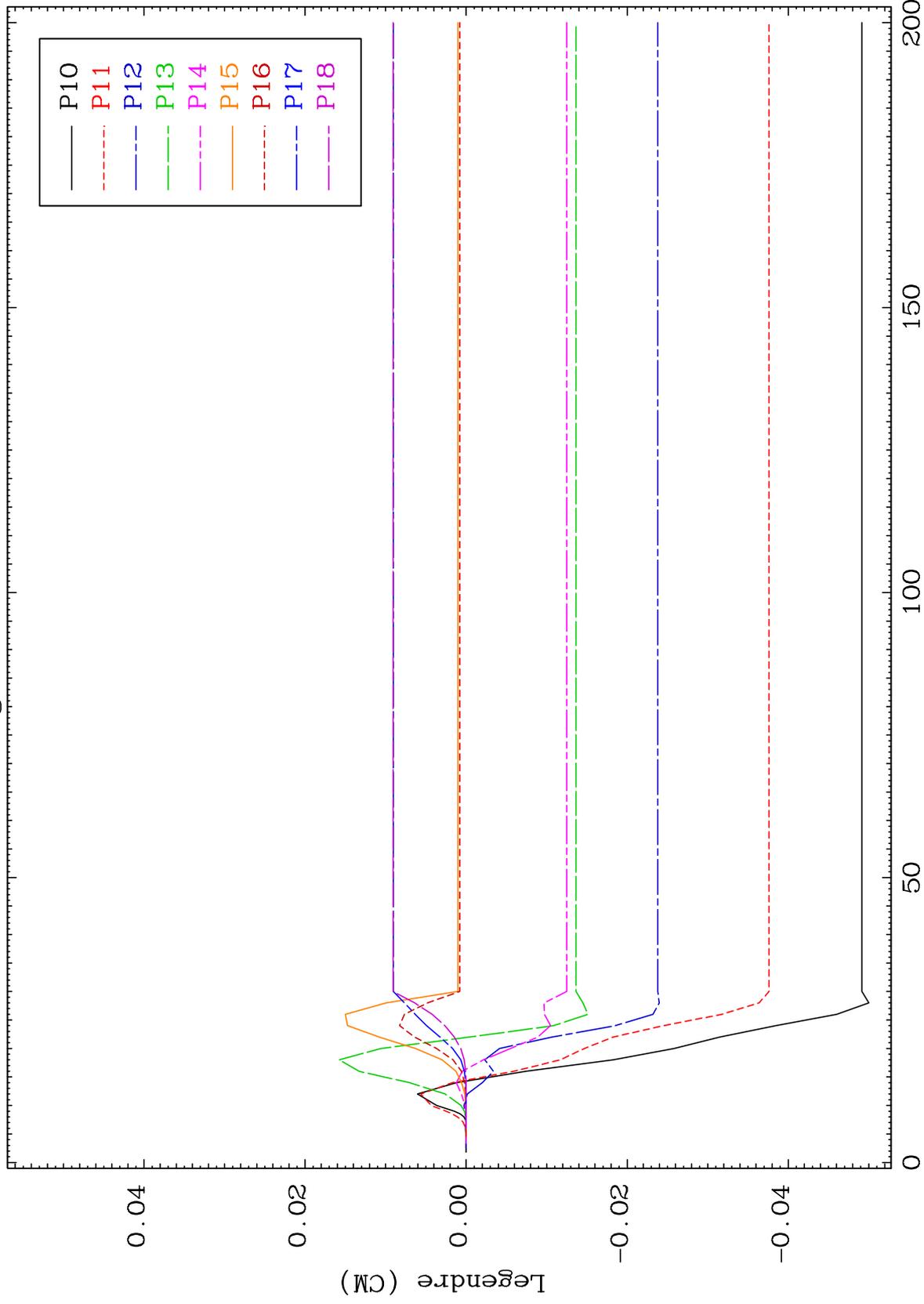
47-Ag-113



MAT 4743

1.359 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



131

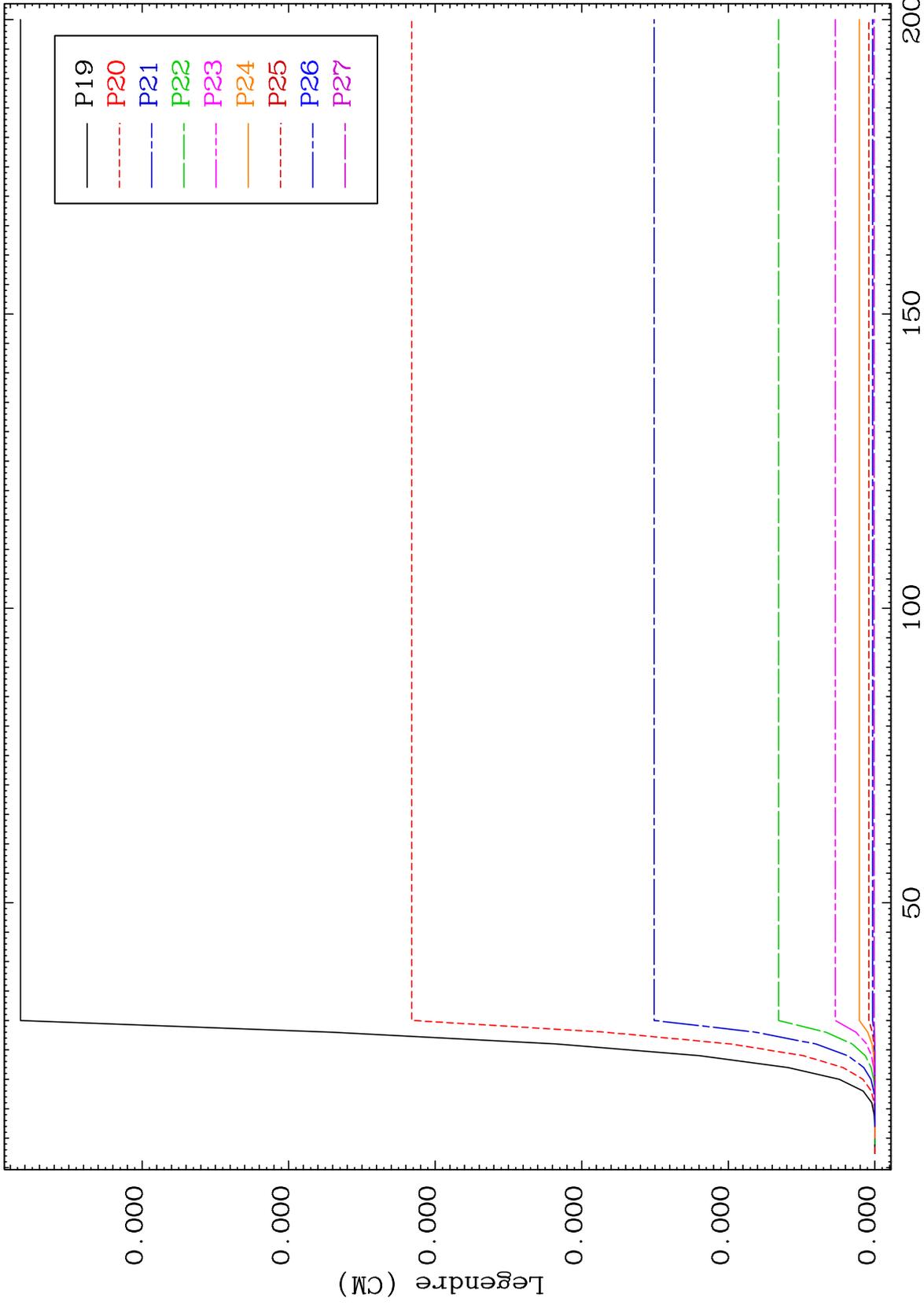
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.359 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113



132

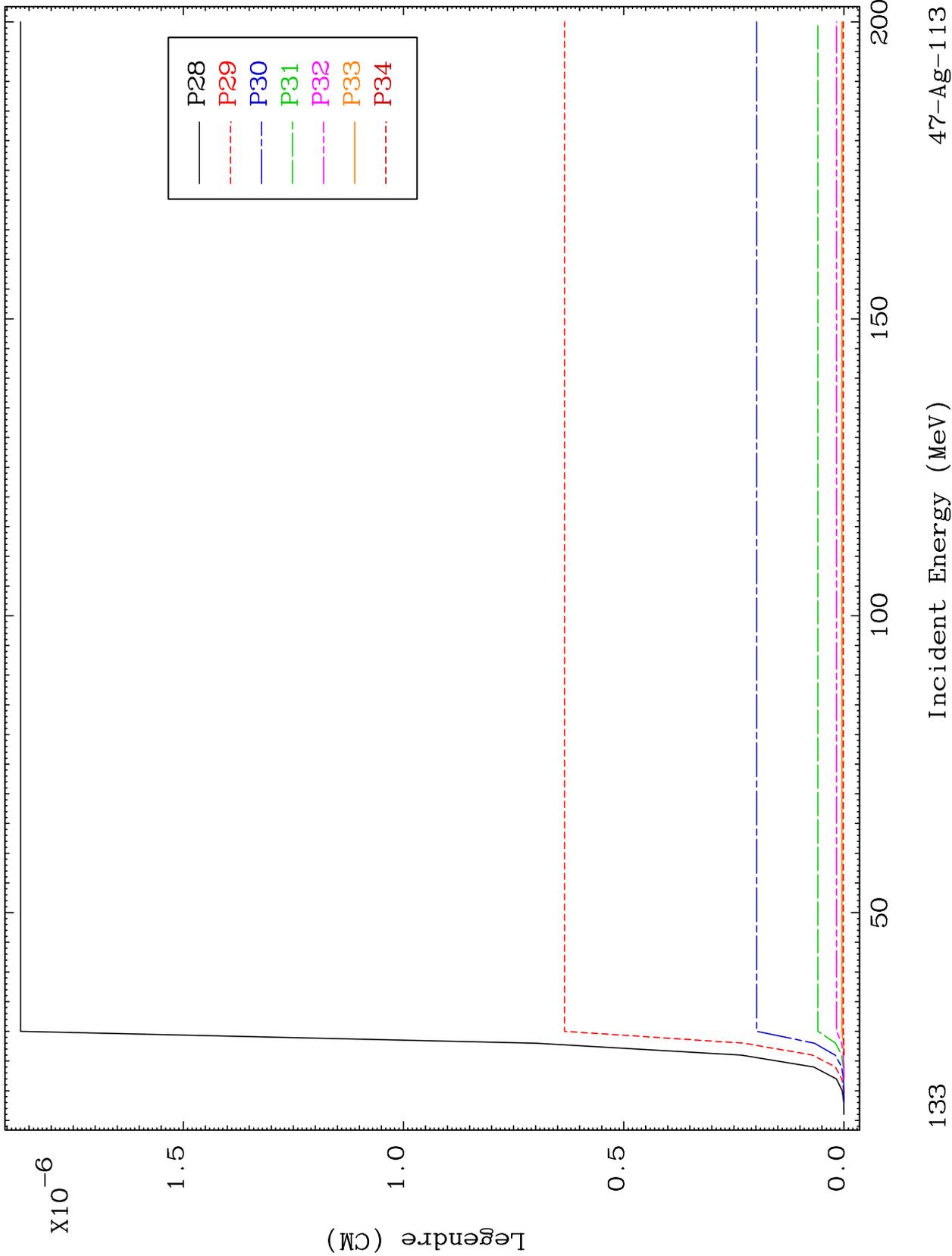
Incident Energy (MeV)

47-Ag-113

MAT 4743

1.359 MeV (n,n') Level  
Legendre Coefficients

47-Ag-113

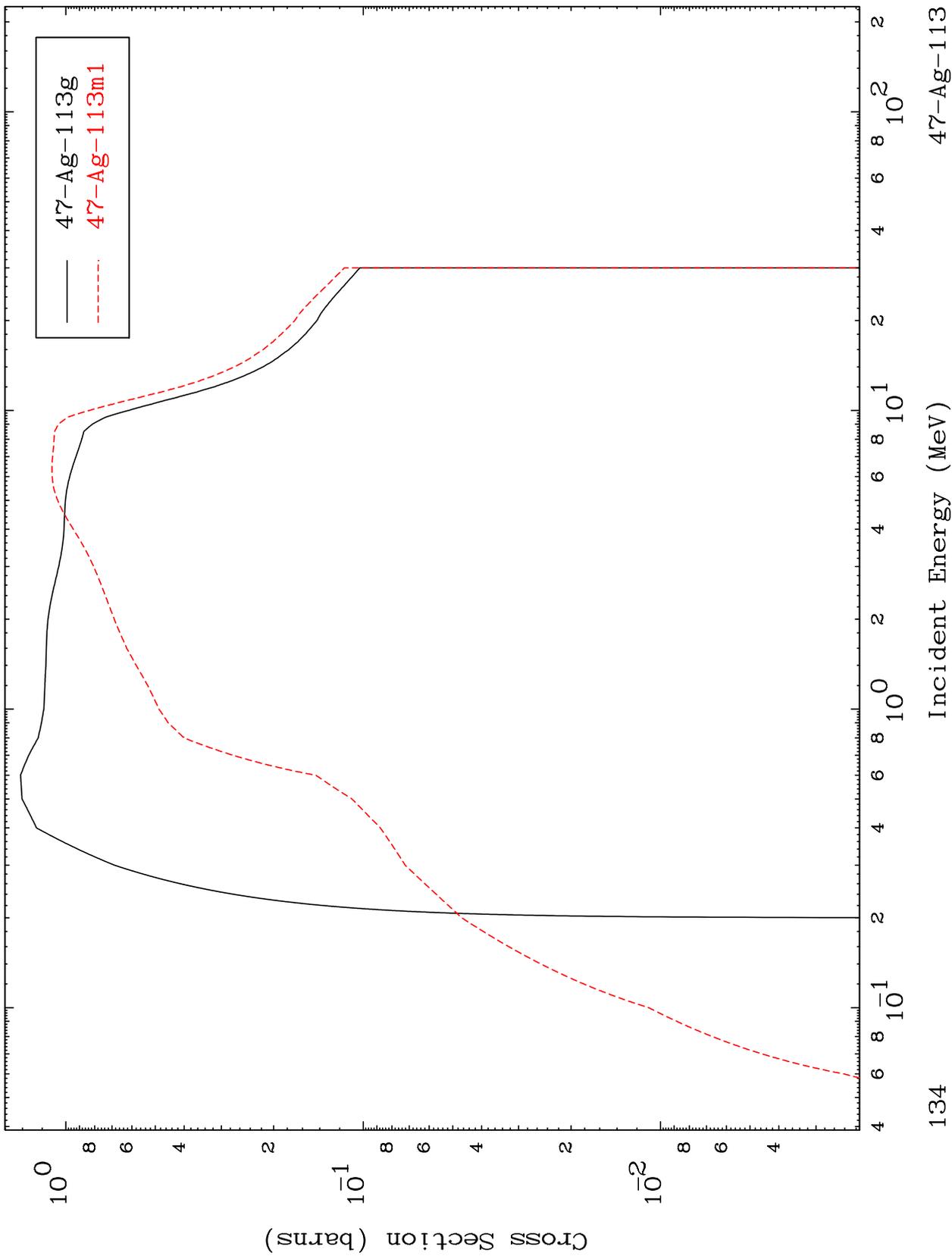


133

MAT 4743

47-Ag-113

Inelastic  
Radionuclide Production Cross Section



134

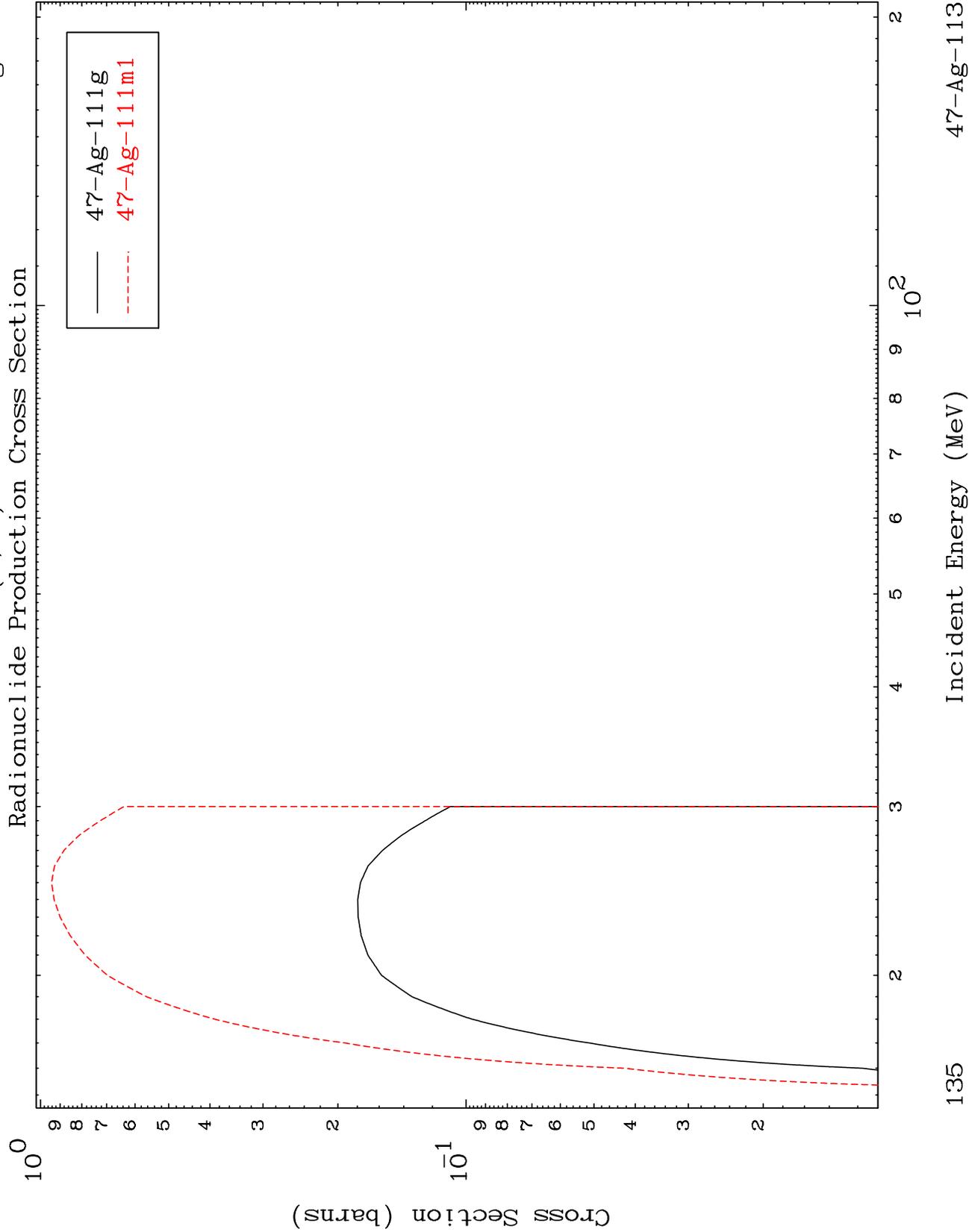
Incident Energy (MeV)

47-Ag-113

MAT 4743

(n,3n)

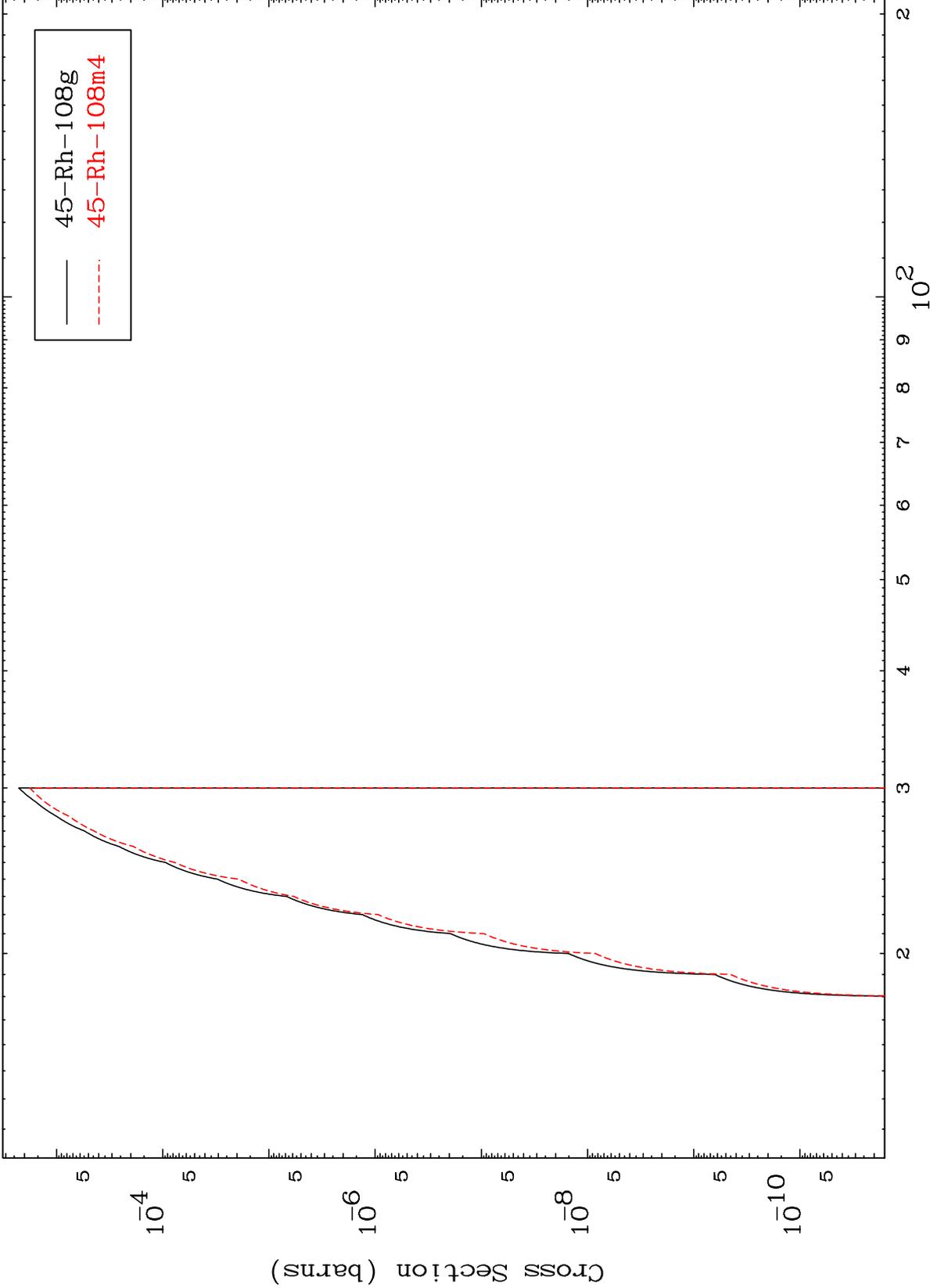
47-Ag-113



135

47-Ag-113

Radionuclide Production Cross Section

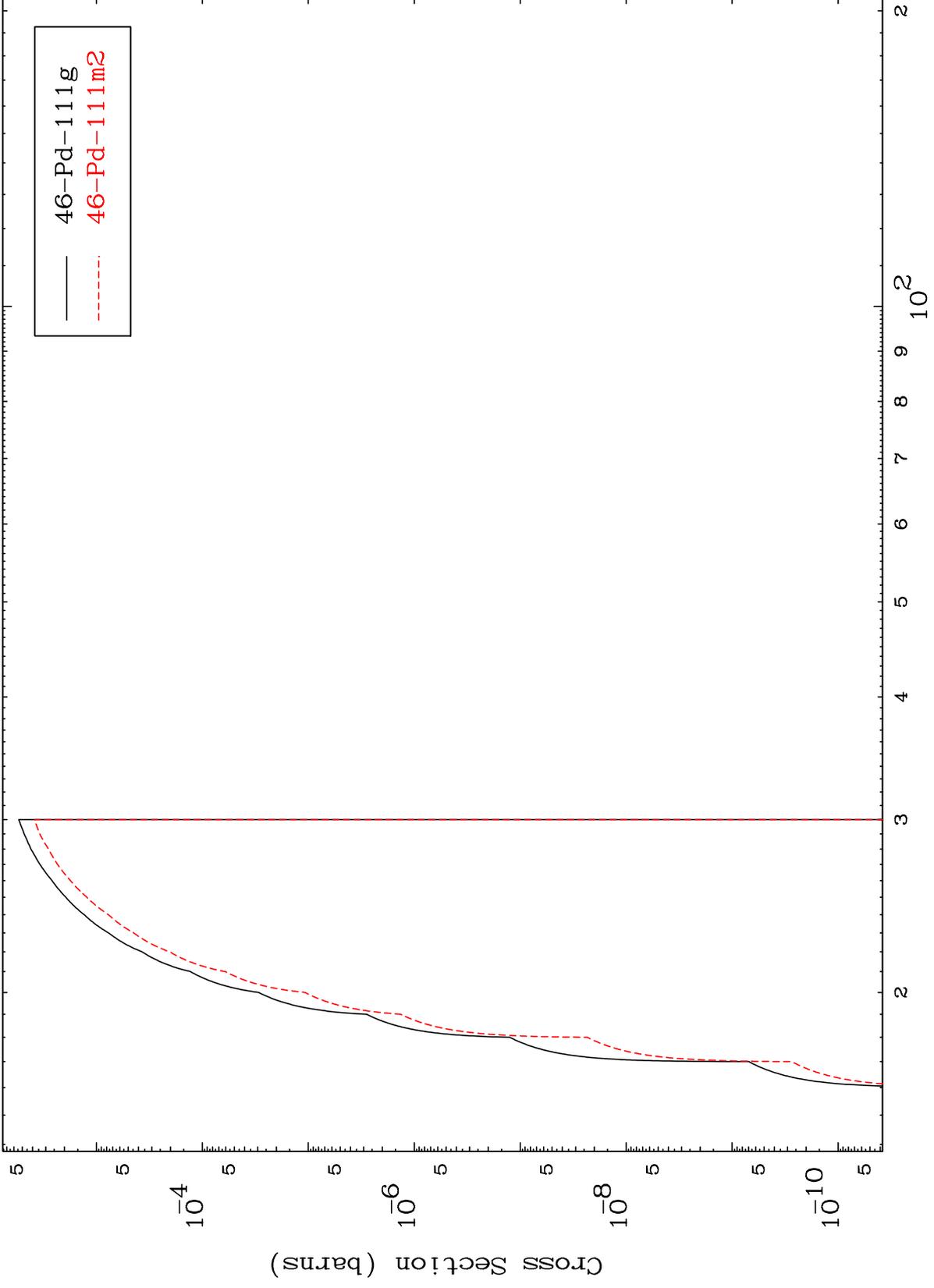


MAT 4743

(n,n') d

47-Ag-113

Radionuclide Production Cross Section



137

Incident Energy (MeV)

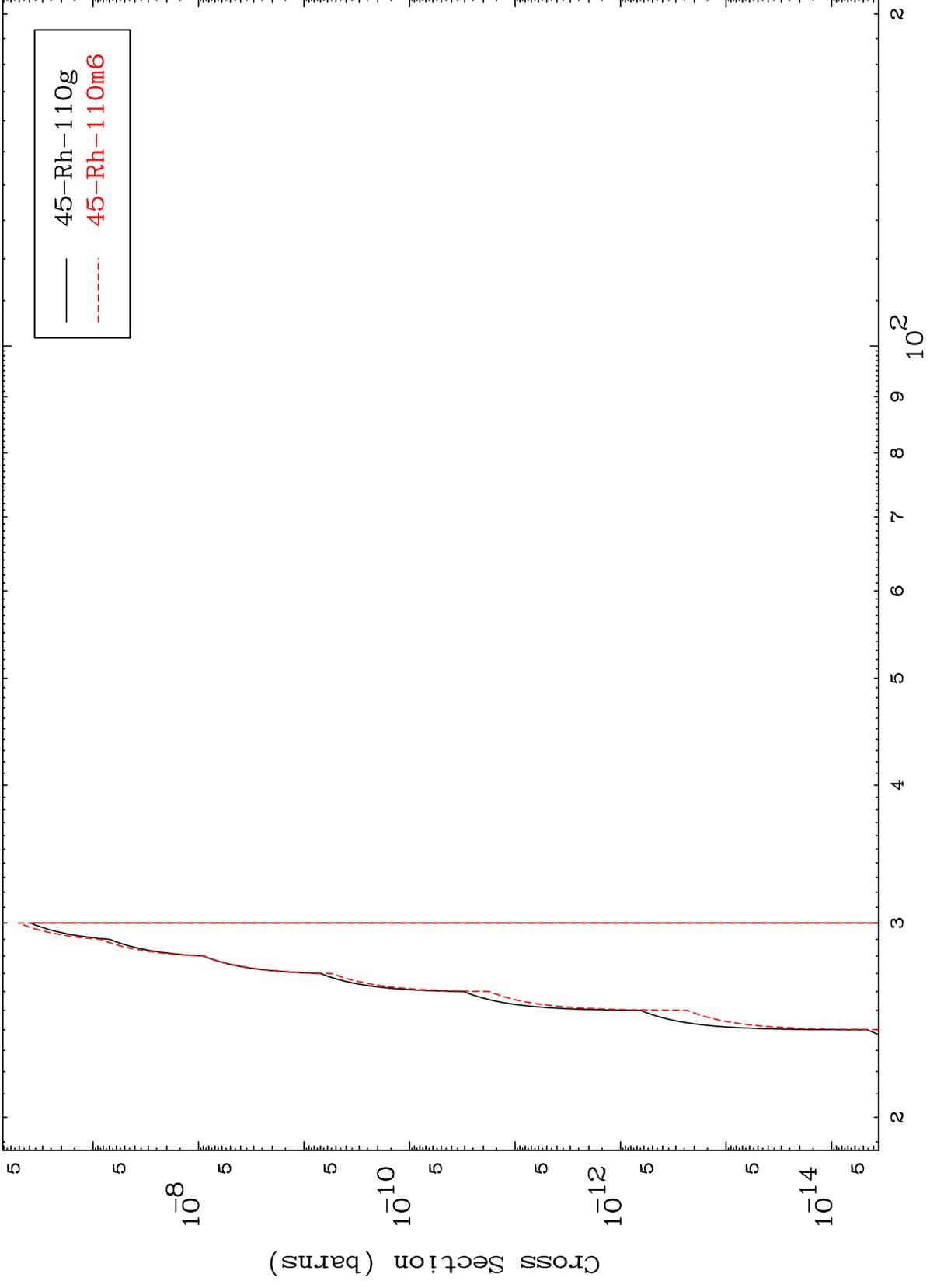
47-Ag-113

MAT 4743

(n,n') He-3

47-Ag-113

Radionuclide Production Cross Section



138

Incident Energy (MeV)

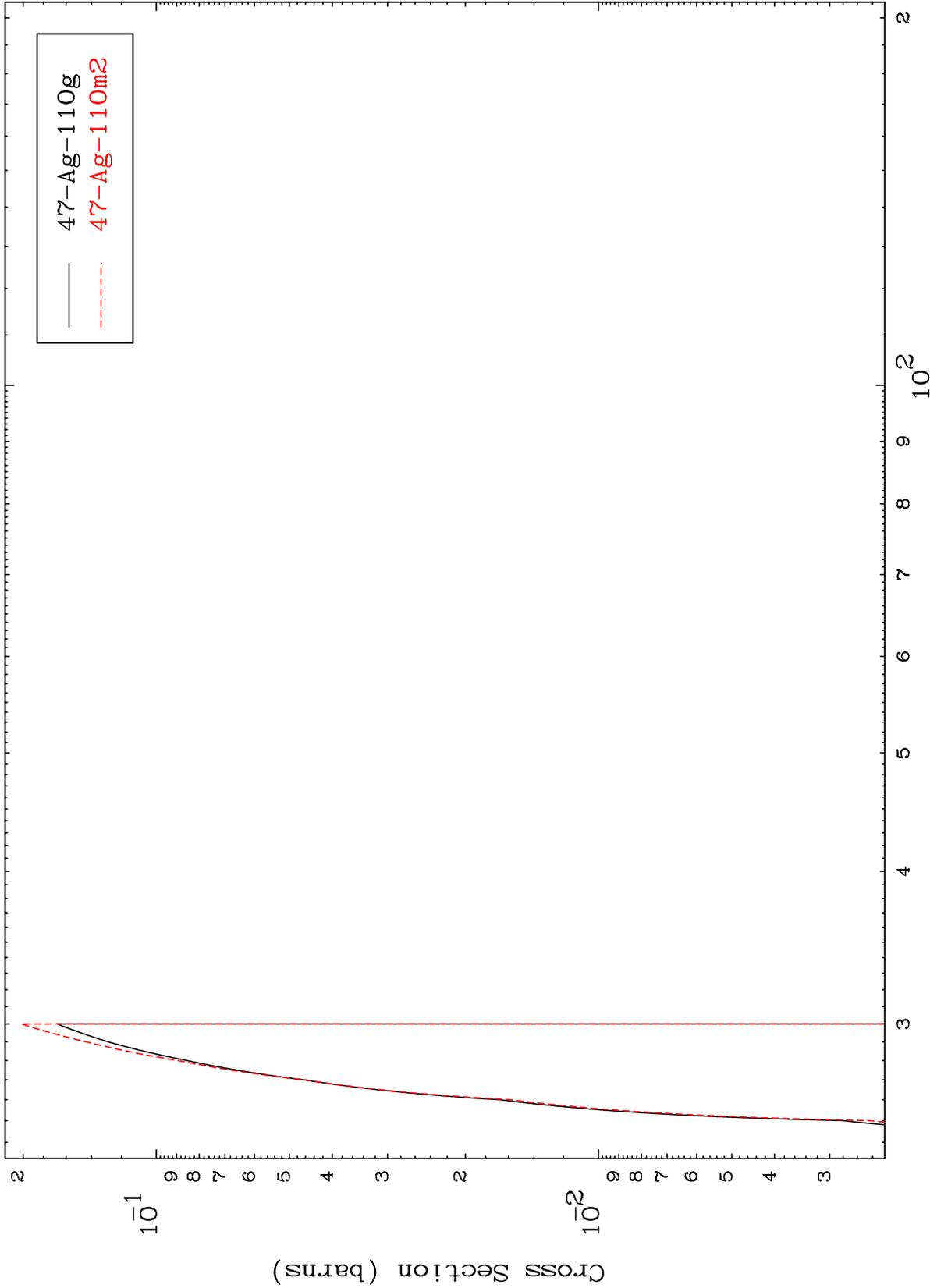
47-Ag-113

MAT 4743

(n,4n)

47-Ag-113

Radionuclide Production Cross Section



139

Incident Energy (MeV)

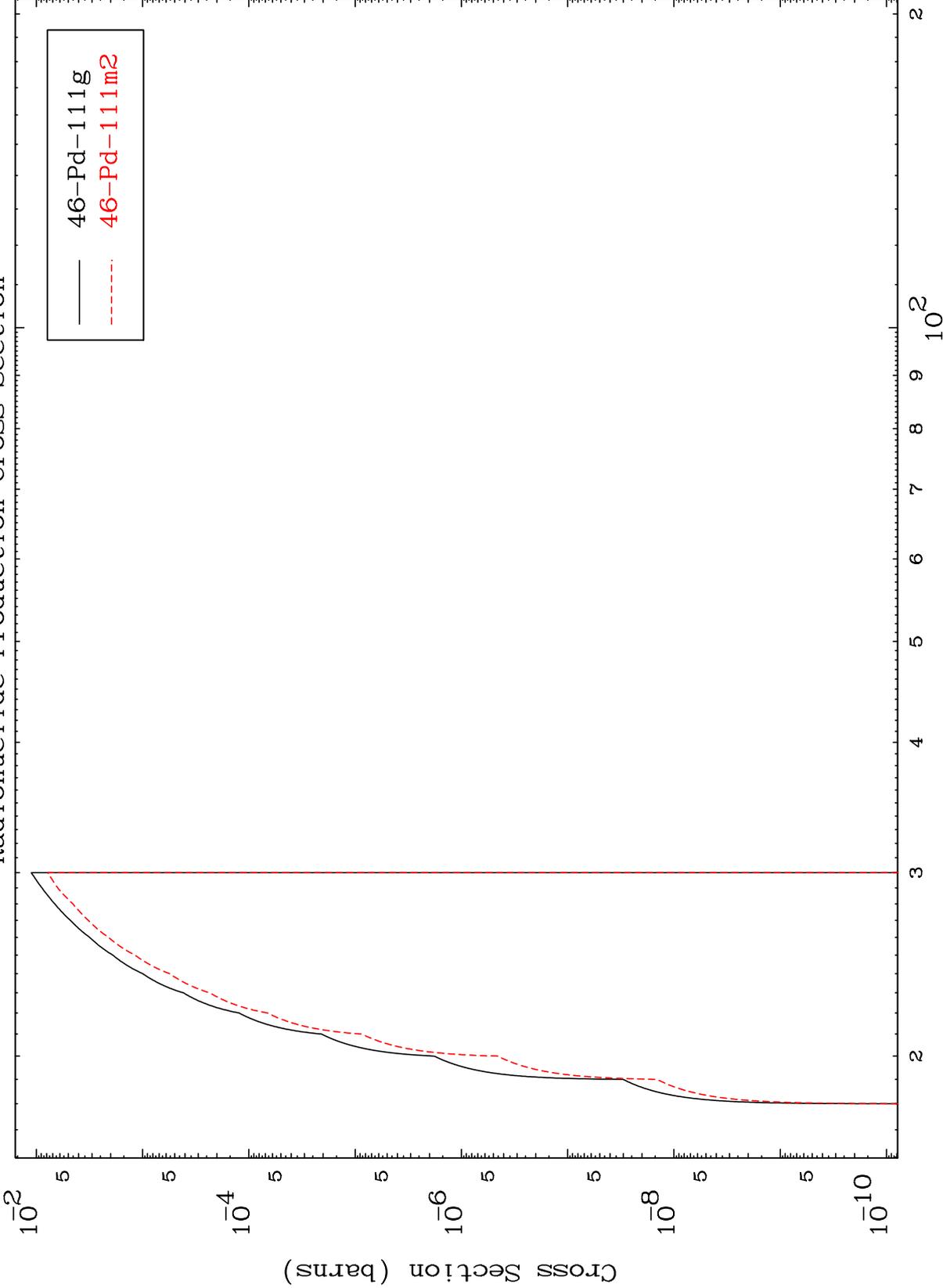
47-Ag-113

MAT 4743

(n,2n) p

47-Ag-113

Radionuclide Production Cross Section



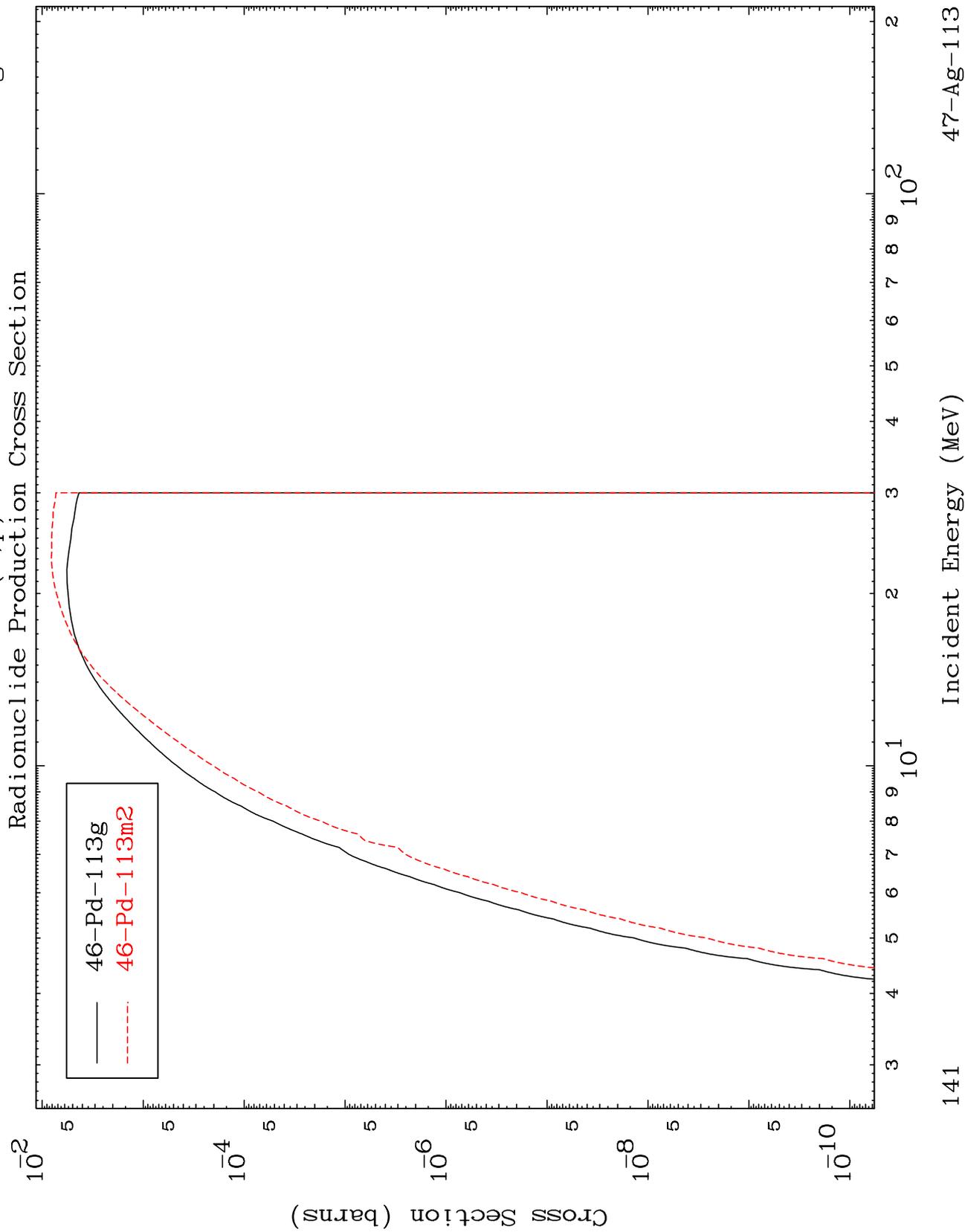
140

Incident Energy (MeV)

47-Ag-113

MAT 4743

47-Ag-113



— 46-Pd-113g  
- - - 46-Pd-113m2

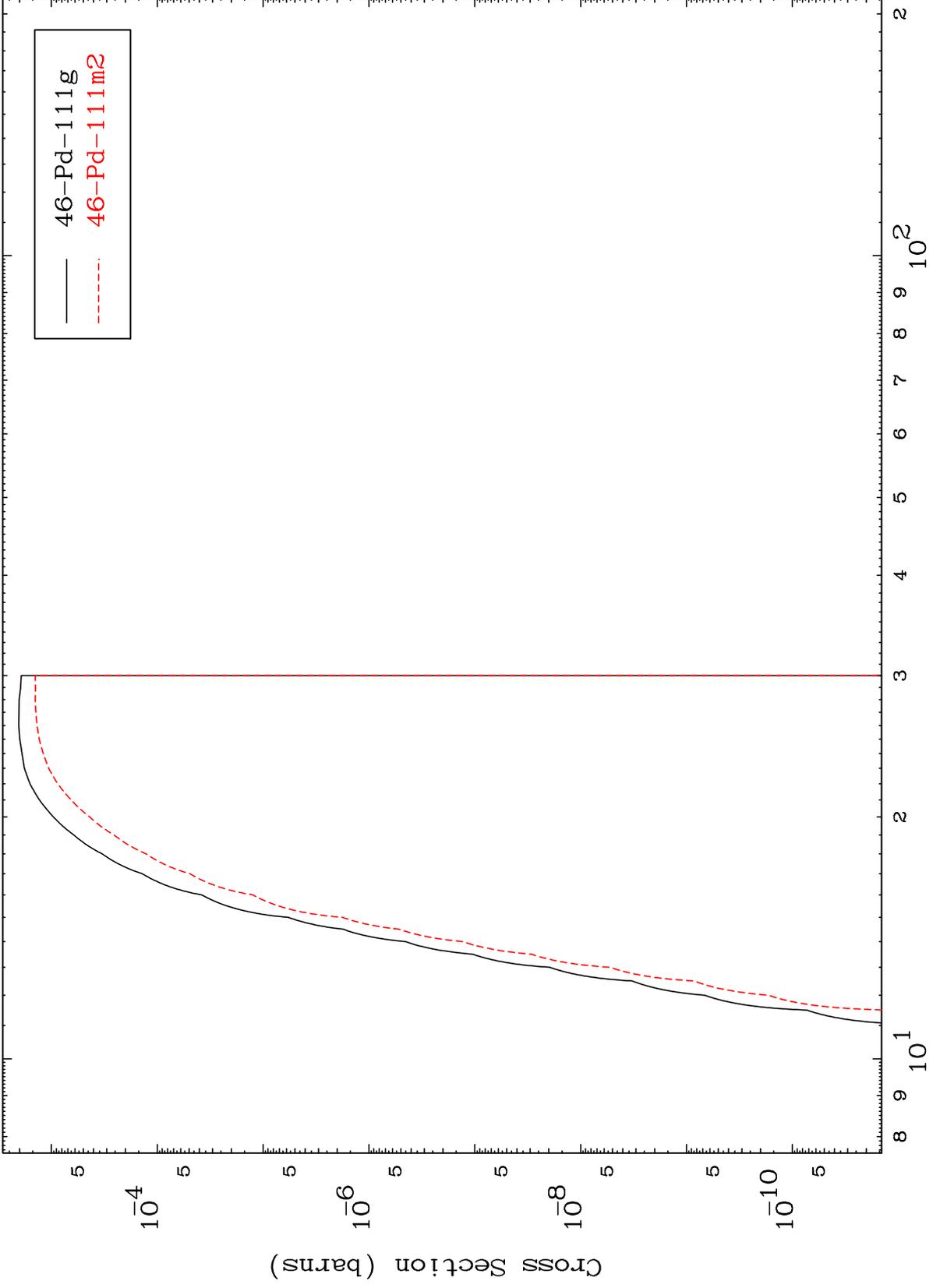
141

47-Ag-113

MAT 4743

47-Ag-113

(n, t)  
Radionuclide Production Cross Section



142

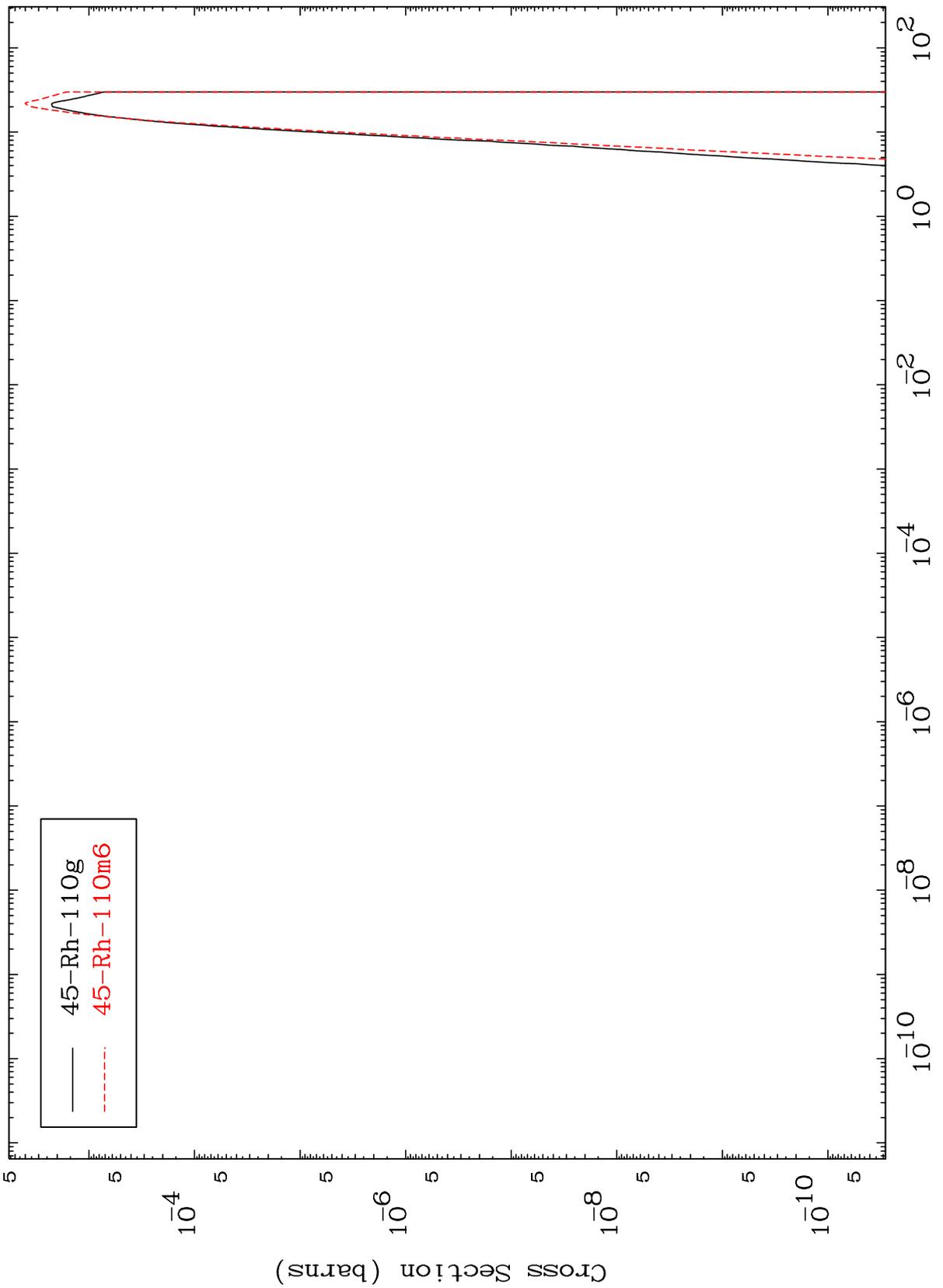
Incident Energy (MeV)

47-Ag-113

MAT 4743

47-Ag-113

(n,  $\alpha$ )  
Radionuclide Production Cross Section



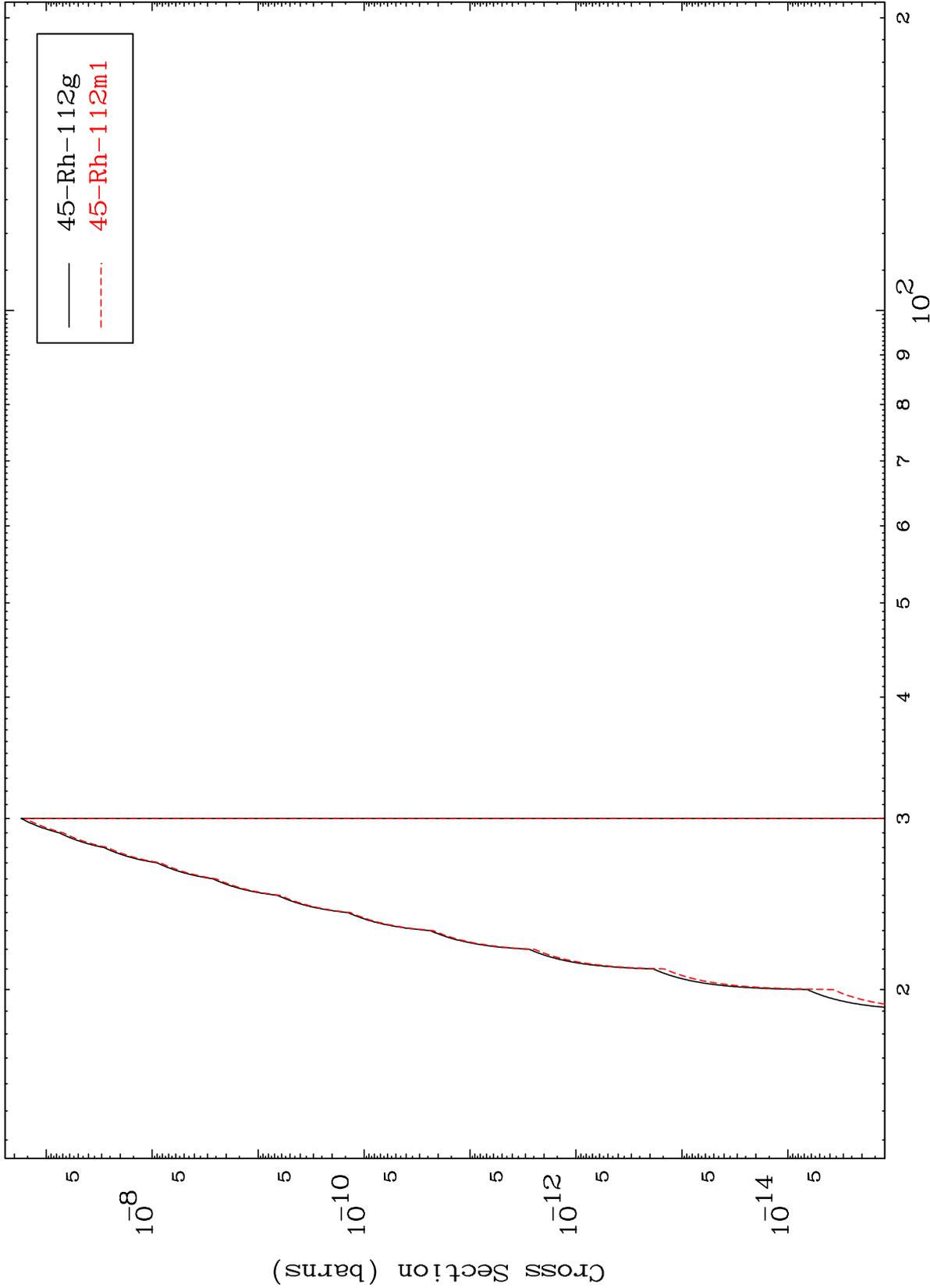
143

47-Ag-113

MAT 4743

47-Ag-113

(n,2p)  
Radionuclide Production Cross Section



144

47-Ag-113

Incident Energy (MeV)