

Program EVALPLOT
(Version 2017-1)

by

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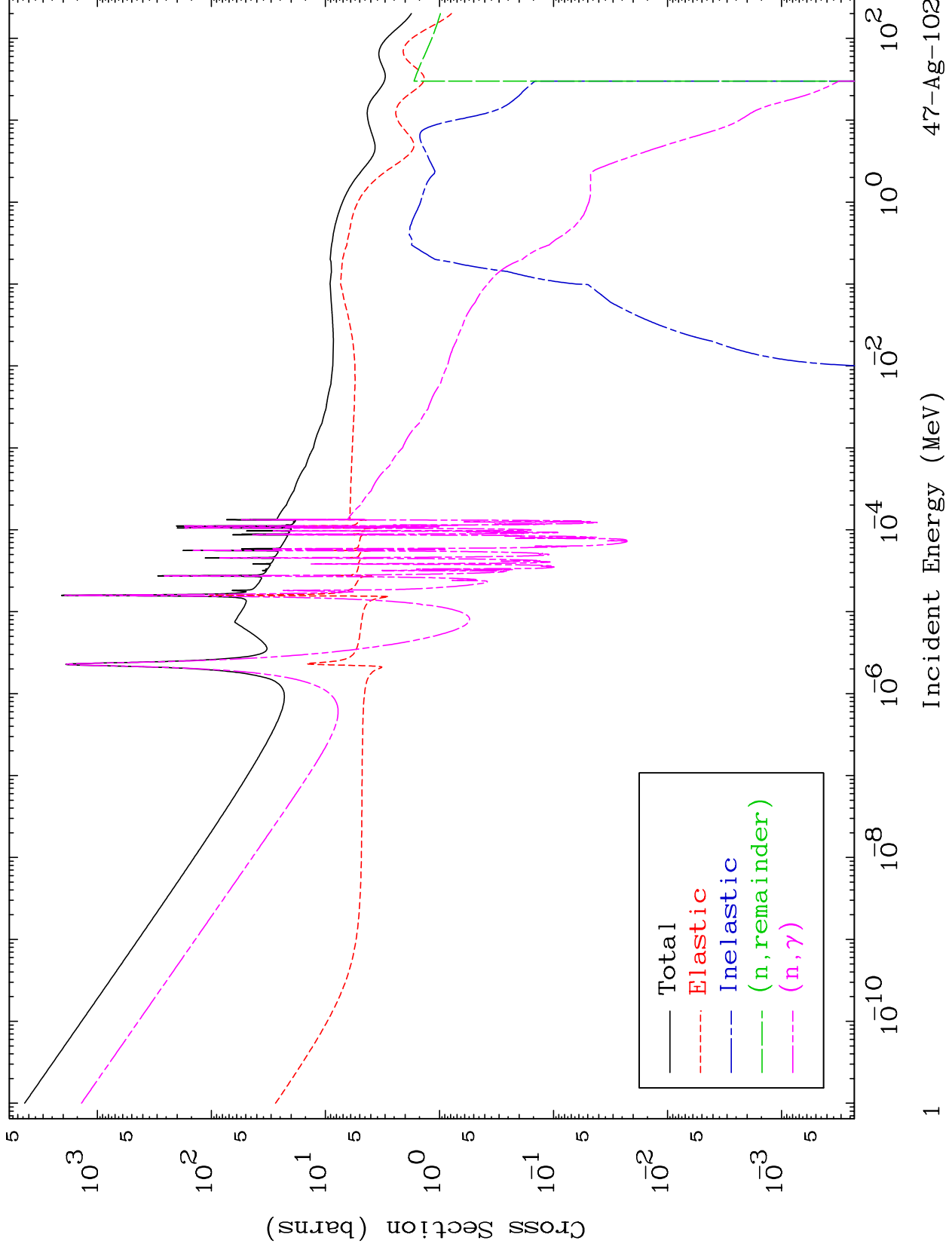
Press Mouse Button to Start

MAT 4710

Major

293 Kelvin Cross Sections

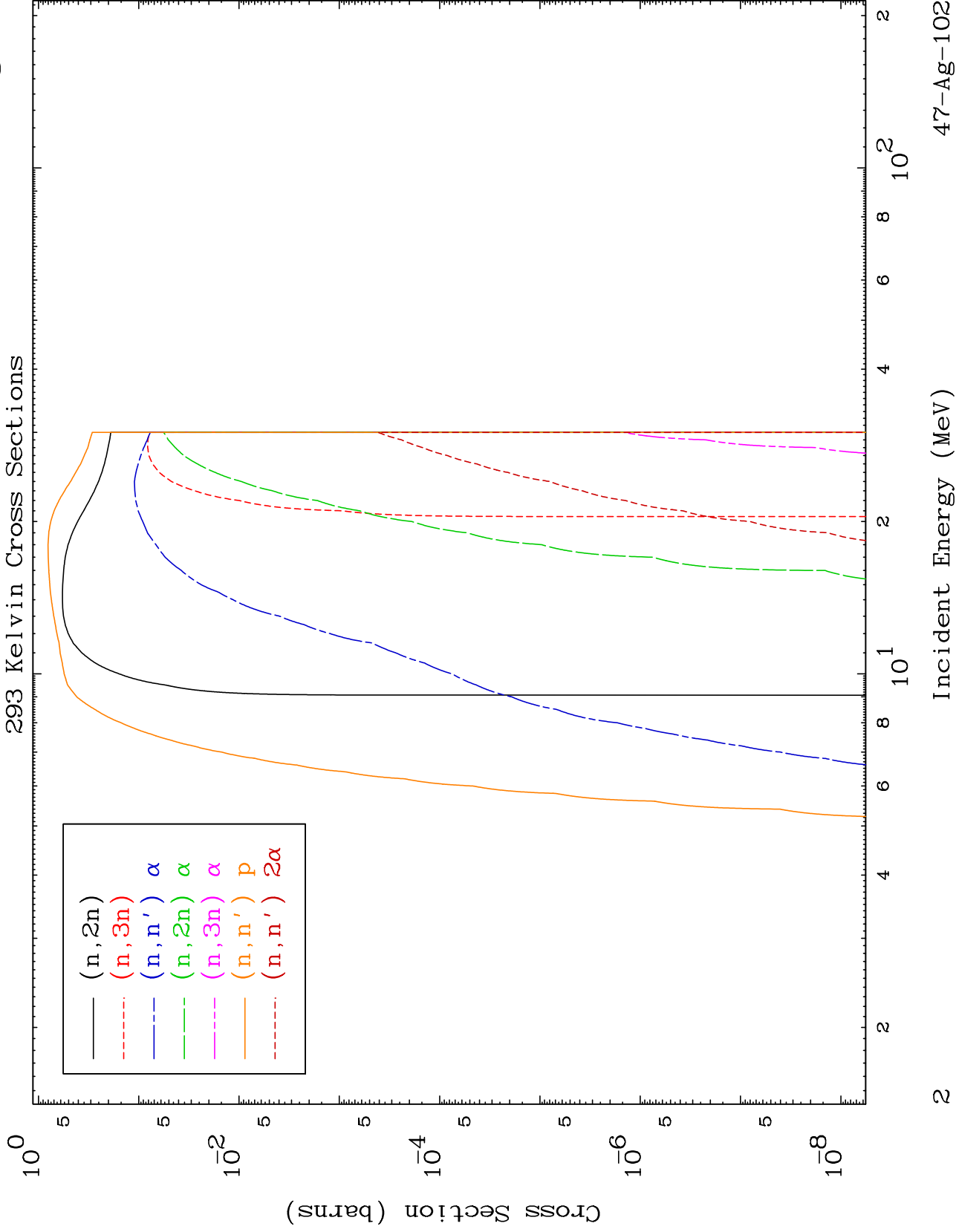
47-Ag-102



MAT 4710

Neutron Production
293 Kelvin Cross Sections

47-Ag-102



2

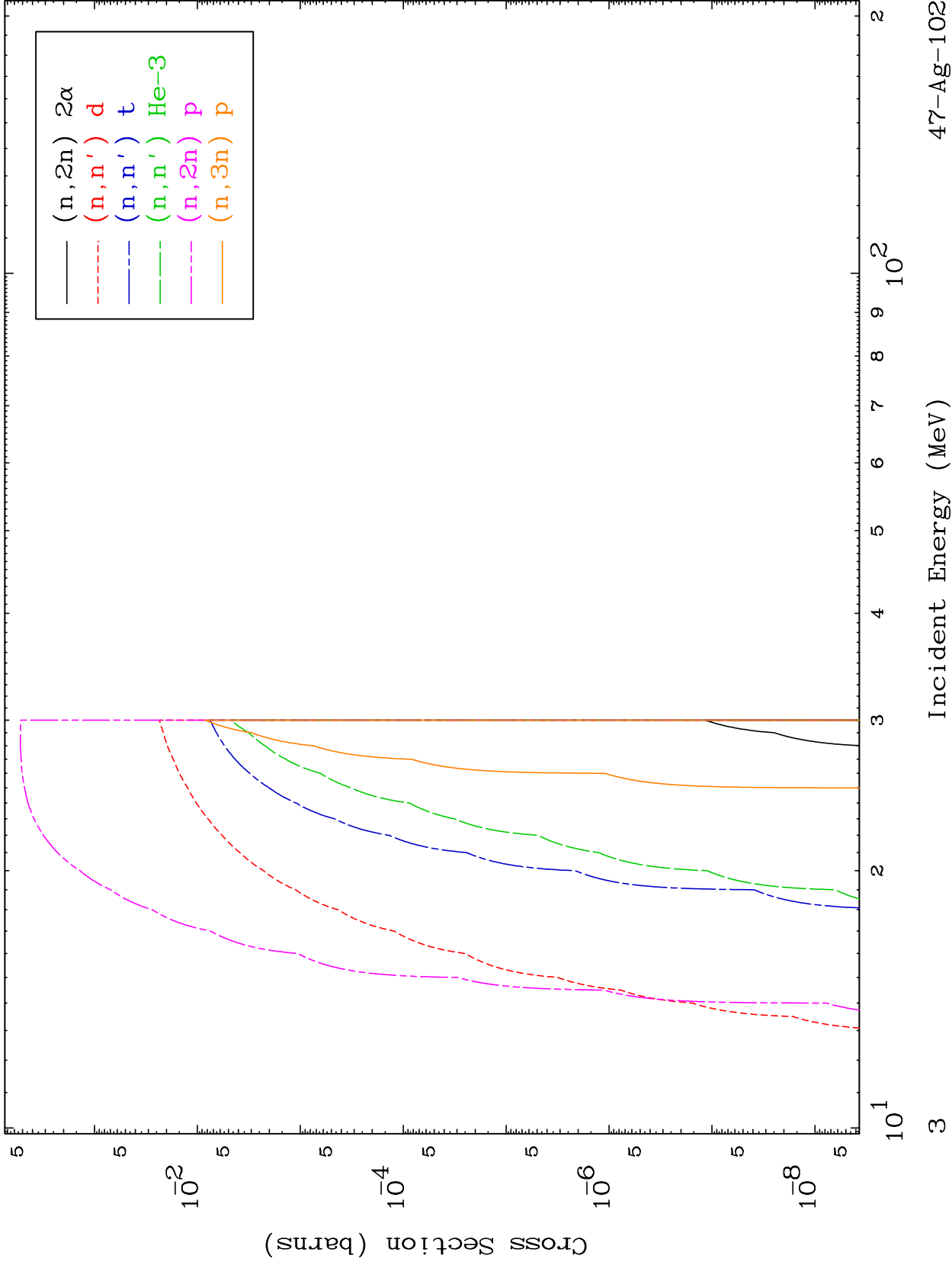
Incident Energy (MeV)

47-Ag-102

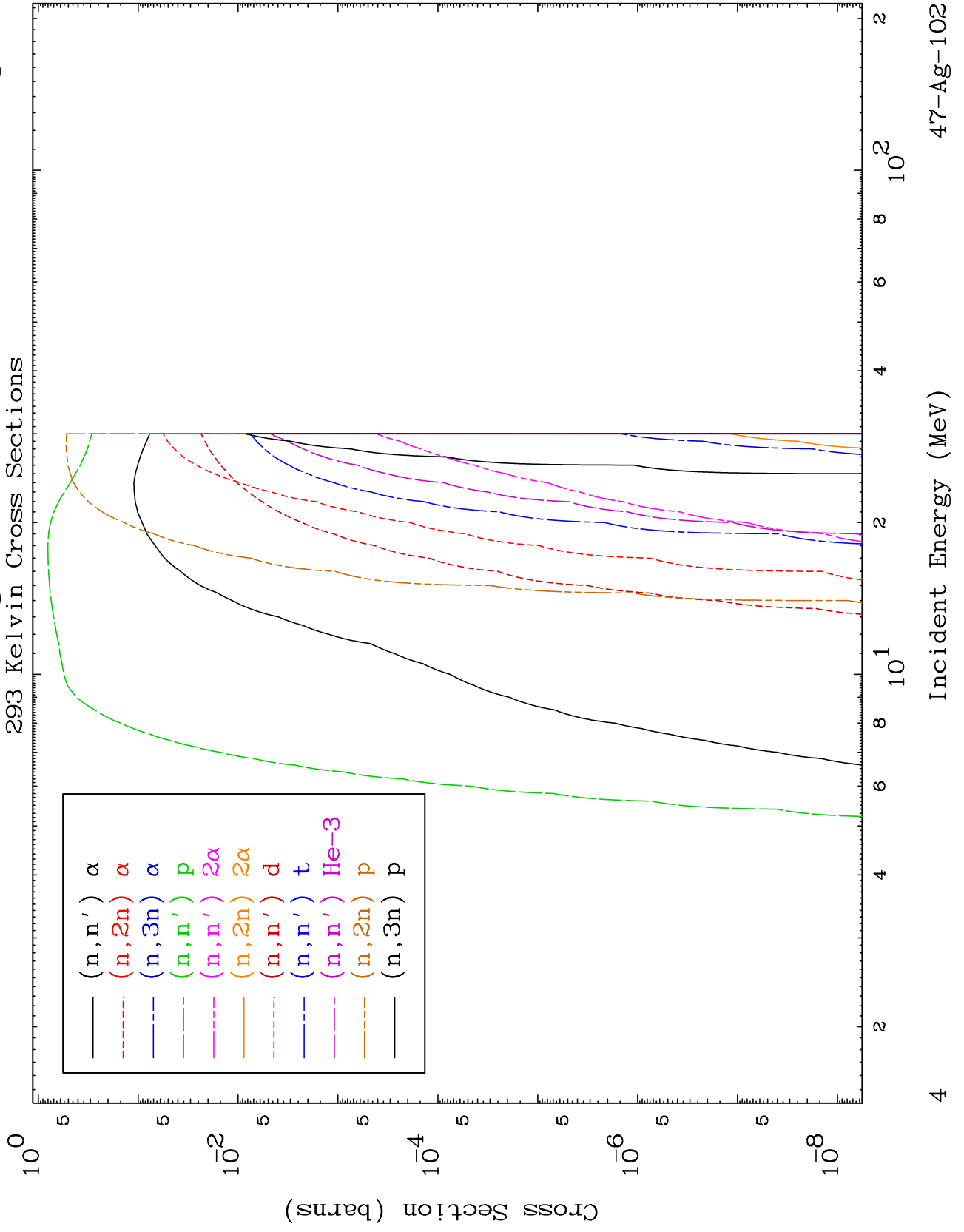
MAT 4710

Neutron Production
293 Kelvin Cross Sections

47-Ag-102



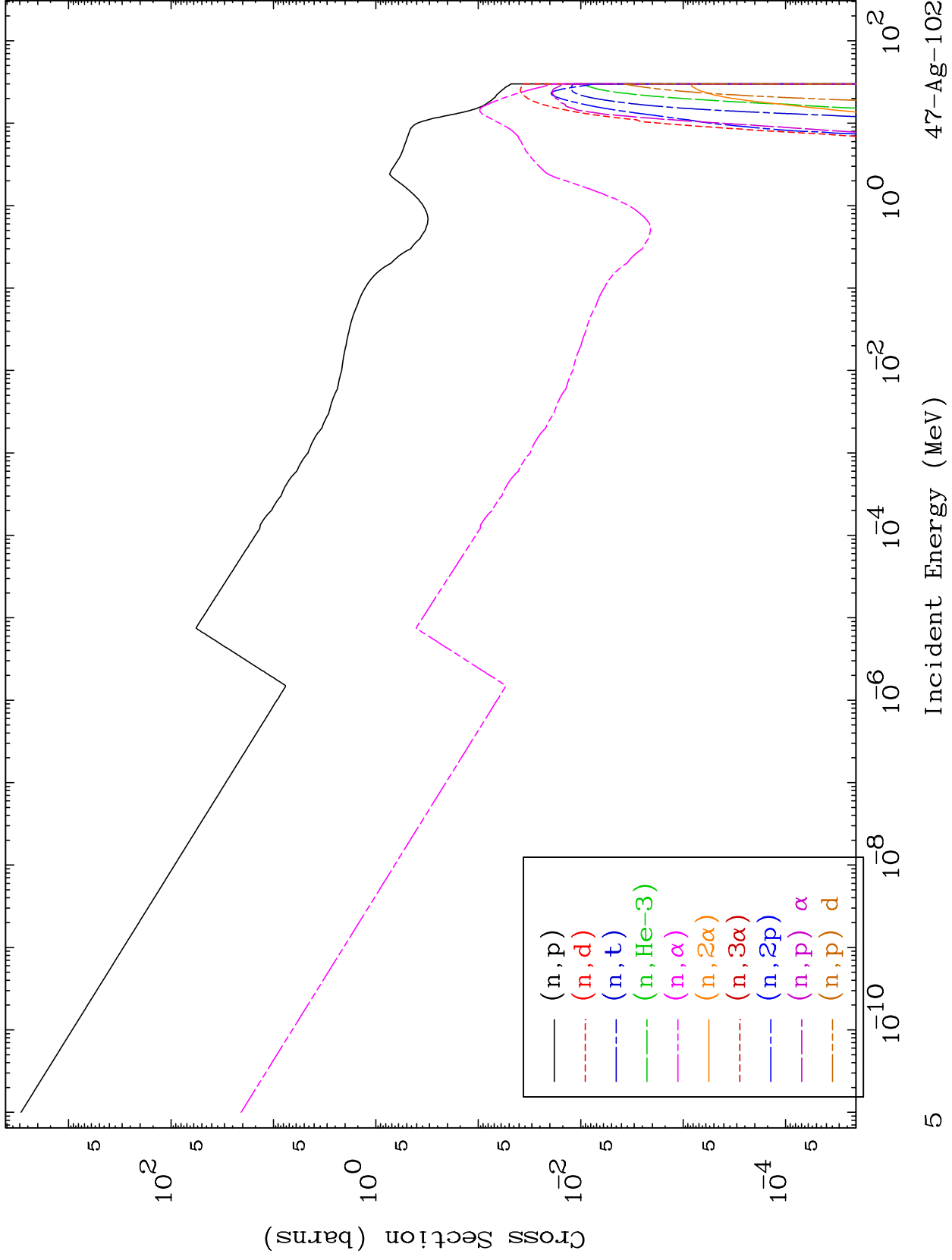
47-Ag-102



MAT 4710

Charged Particle
293 Kelvin Cross Sections

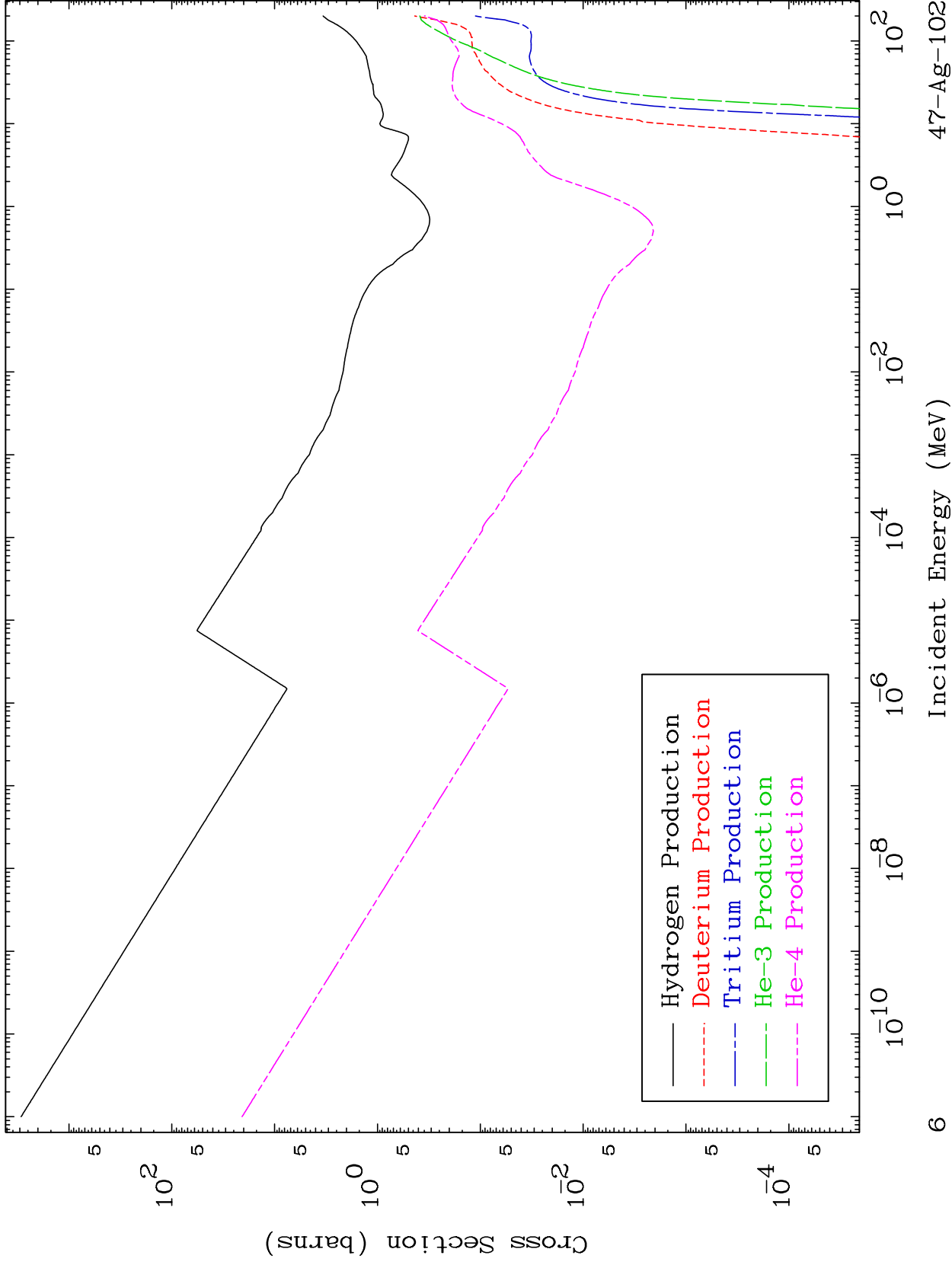
47-Ag-102



MAT 4710

Particle Production
293 Kelvin Cross Sections

47-Ag-102

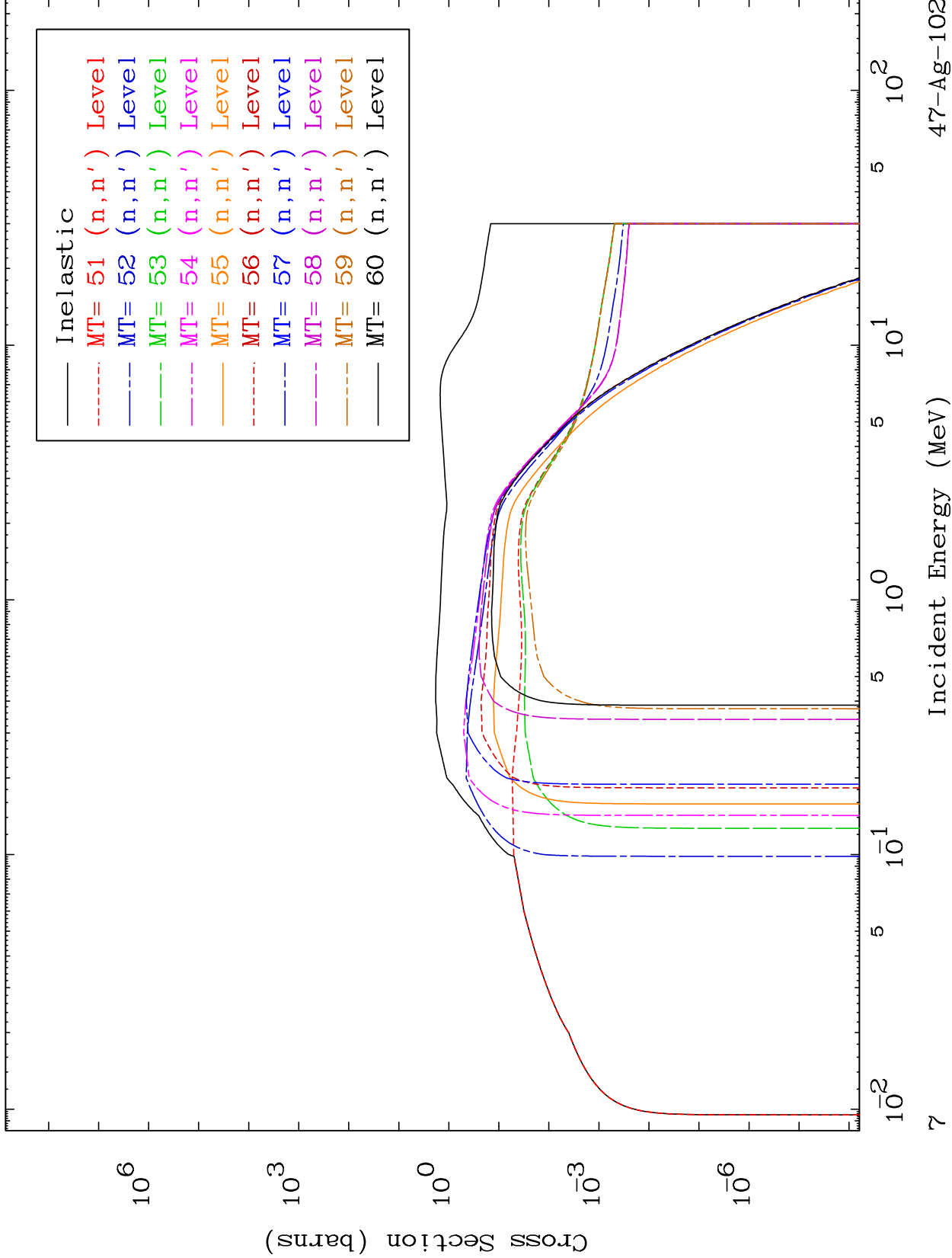


MAT 4710

(n,n') Level

47-Ag-102

293 Kelvin Cross Sections



Incident Energy (MeV)

47-Ag-102

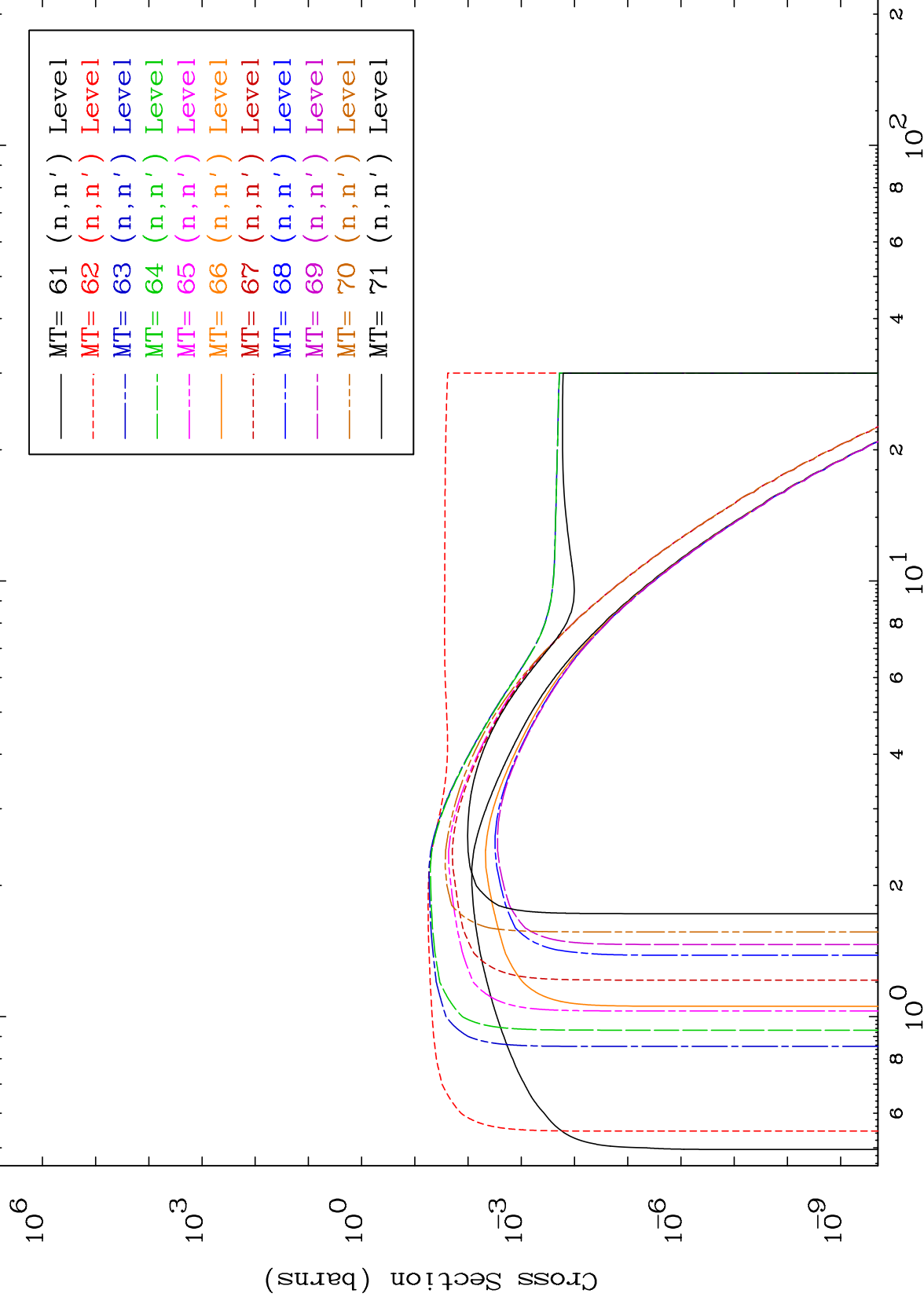
7

MAT 4710

(n,n') Level

47-Ag-102

293 Kelvin Cross Sections



8

Incident Energy (MeV)

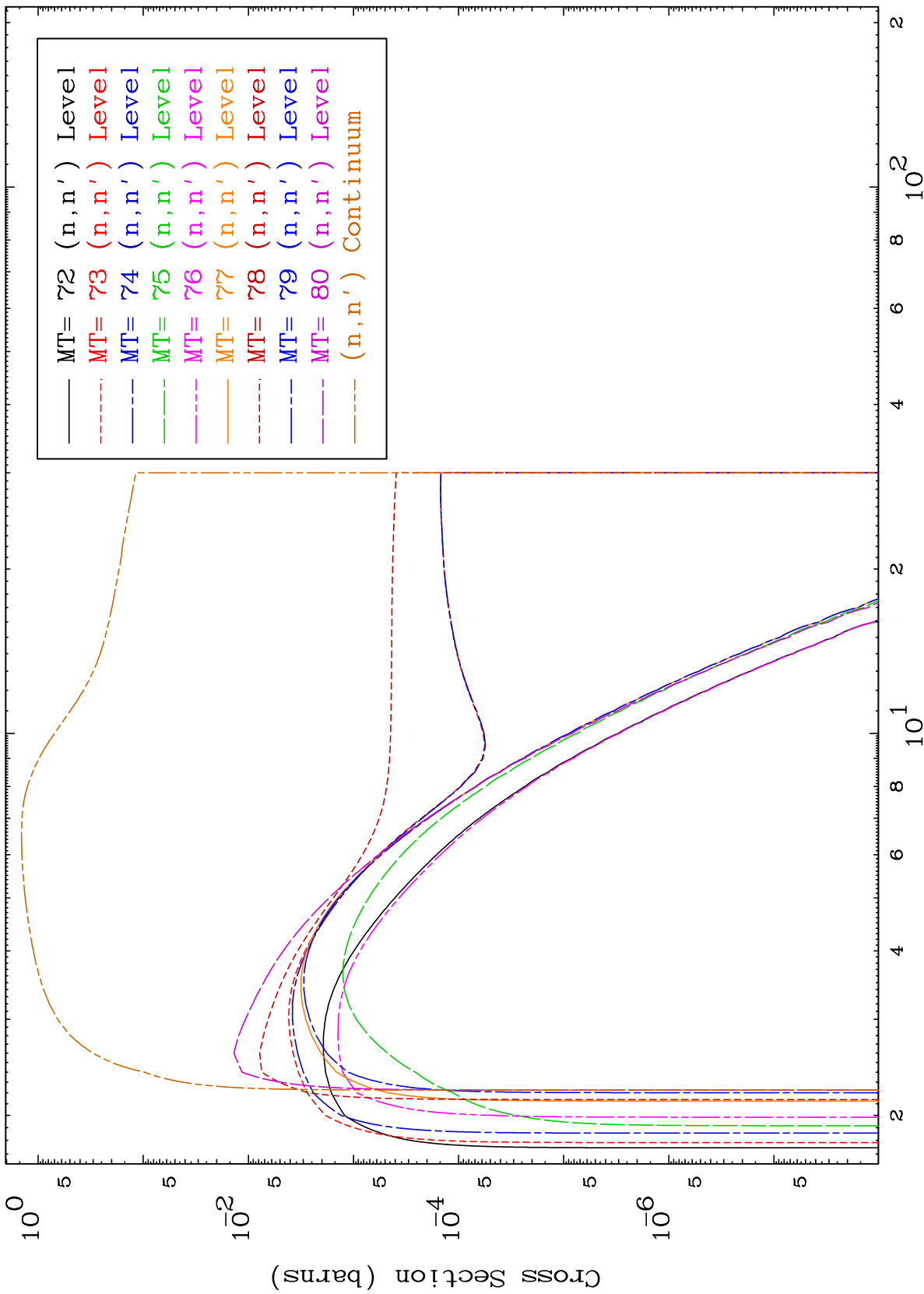
47-Ag-102

MAT 4710

(n,n') Level

293 Kelvin Cross Sections

47-Ag-102



9

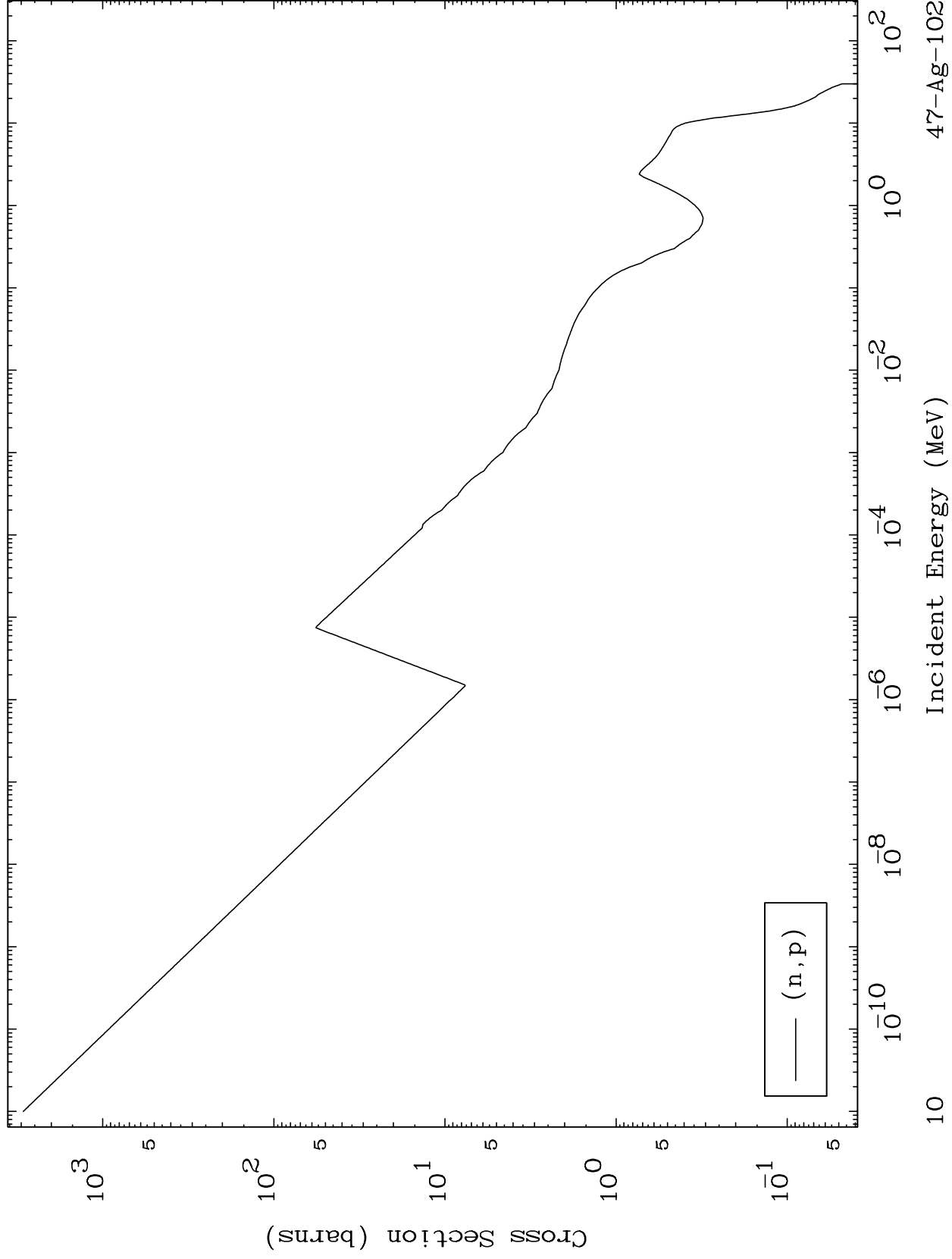
Incident Energy (MeV)

47-Ag-102

MAT 4710

(n,p) Levels
293 Kelvin Cross Sections

47-Ag-102



10

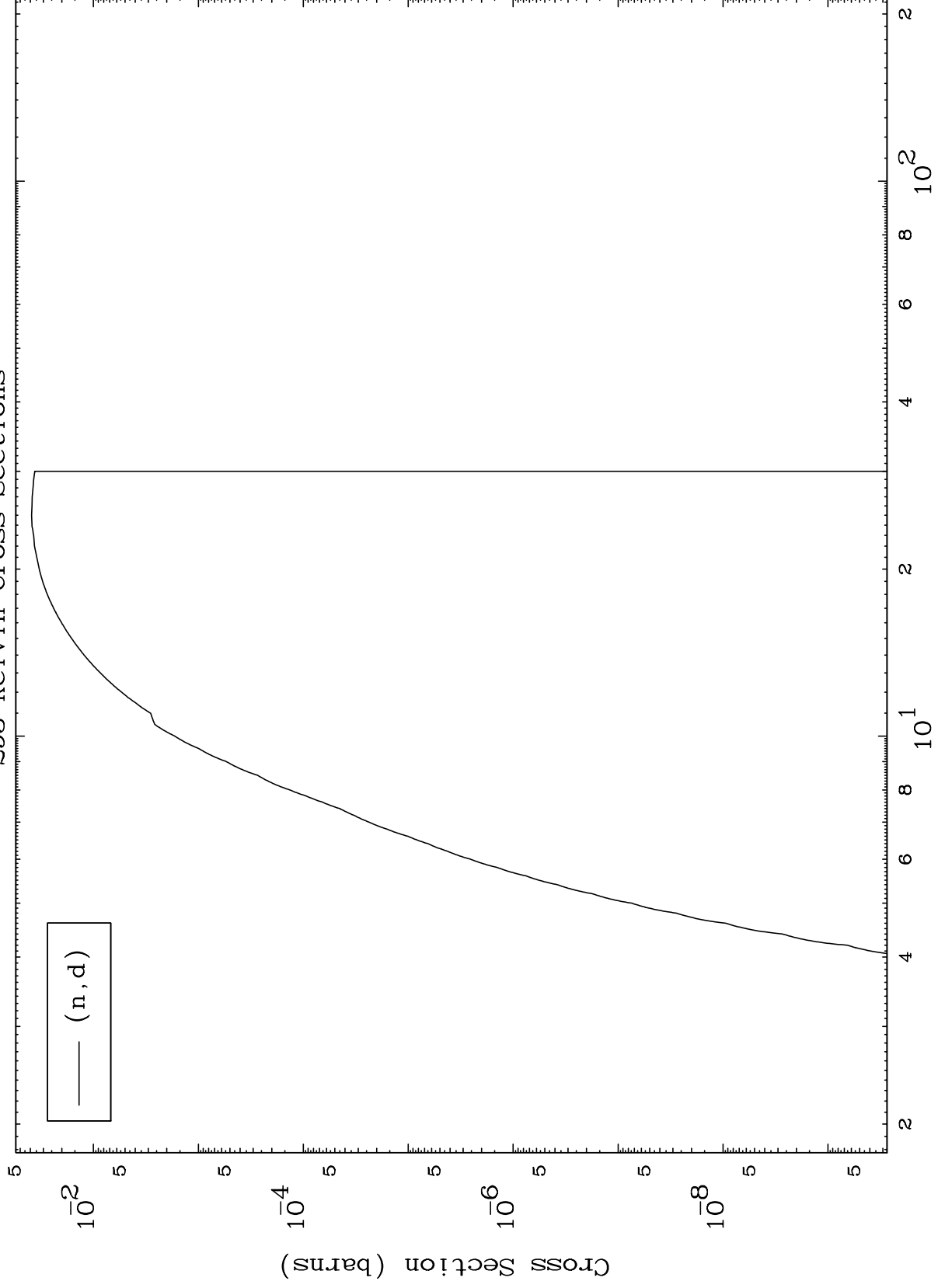
Incident Energy (MeV)

47-Ag-102

MAT 4710

(n,d) Levels
293 Kelvin Cross Sections

47-Ag-102



11

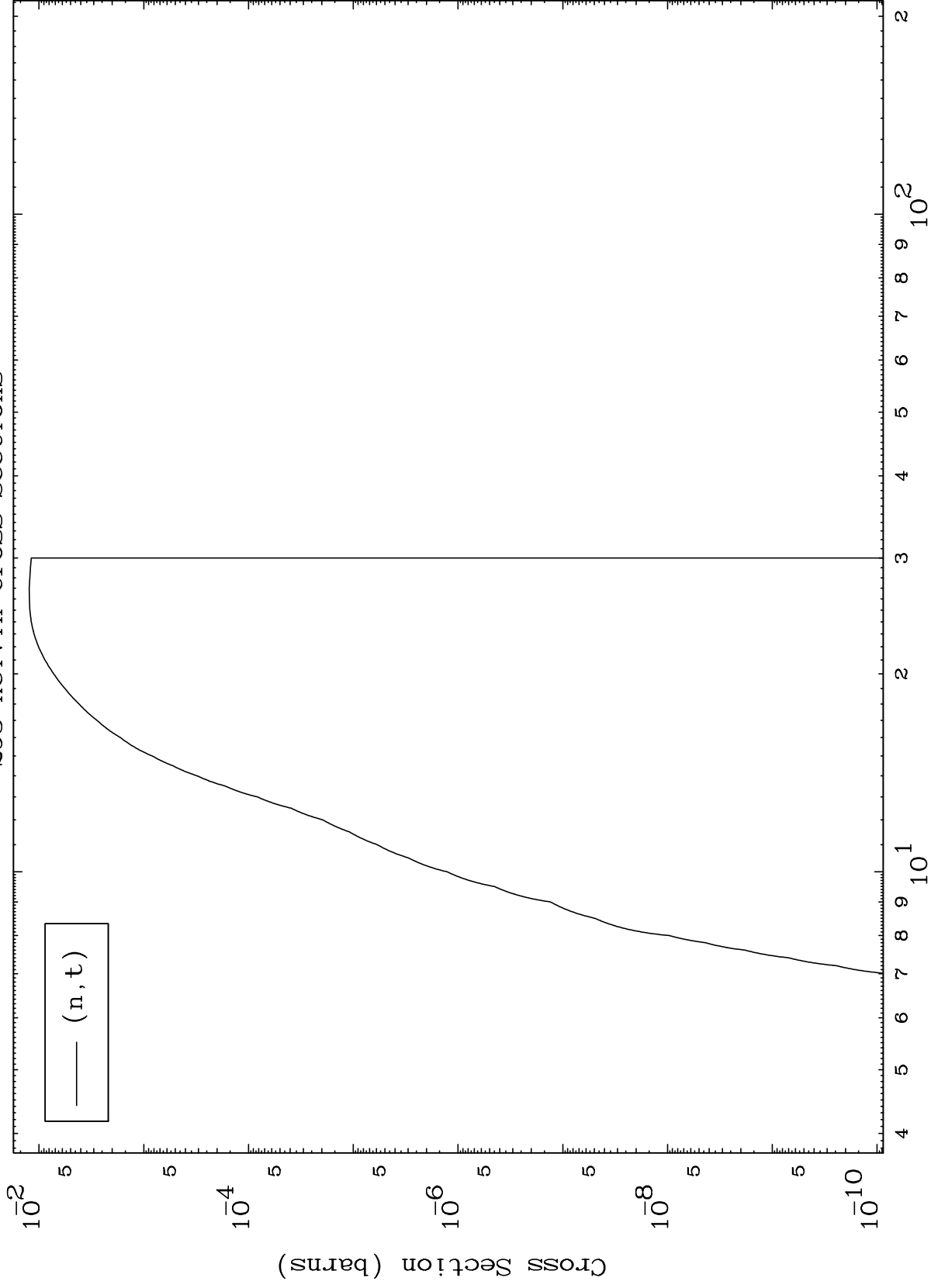
Incident Energy (MeV)

47-Ag-102

MAT 4710

(n,t) Levels
293 Kelvin Cross Sections

47-Ag-102



12

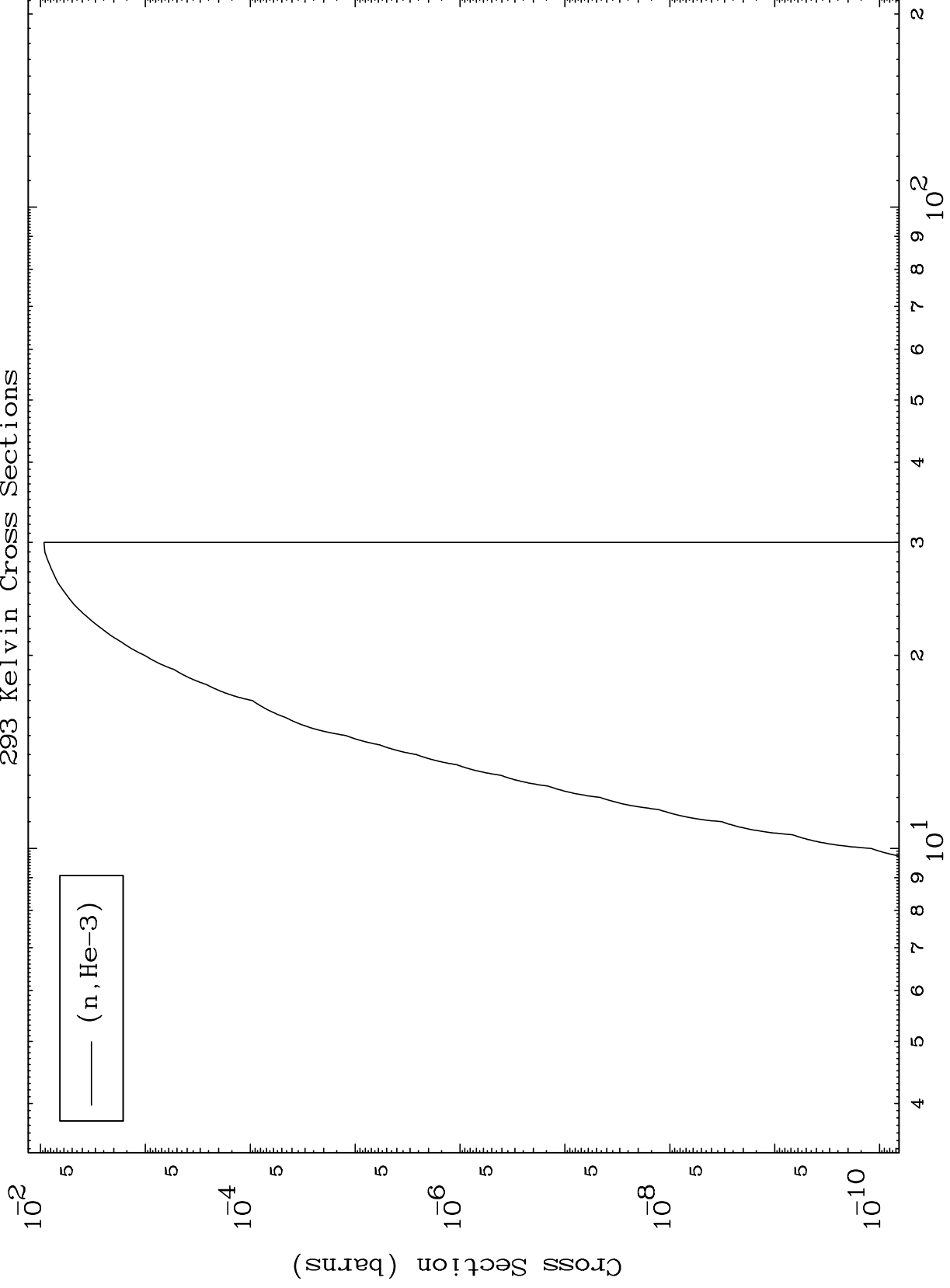
Incident Energy (MeV)

47-Ag-102

MAT 4710

(n,He3) Levels
293 Kelvin Cross Sections

47-Ag-102



13

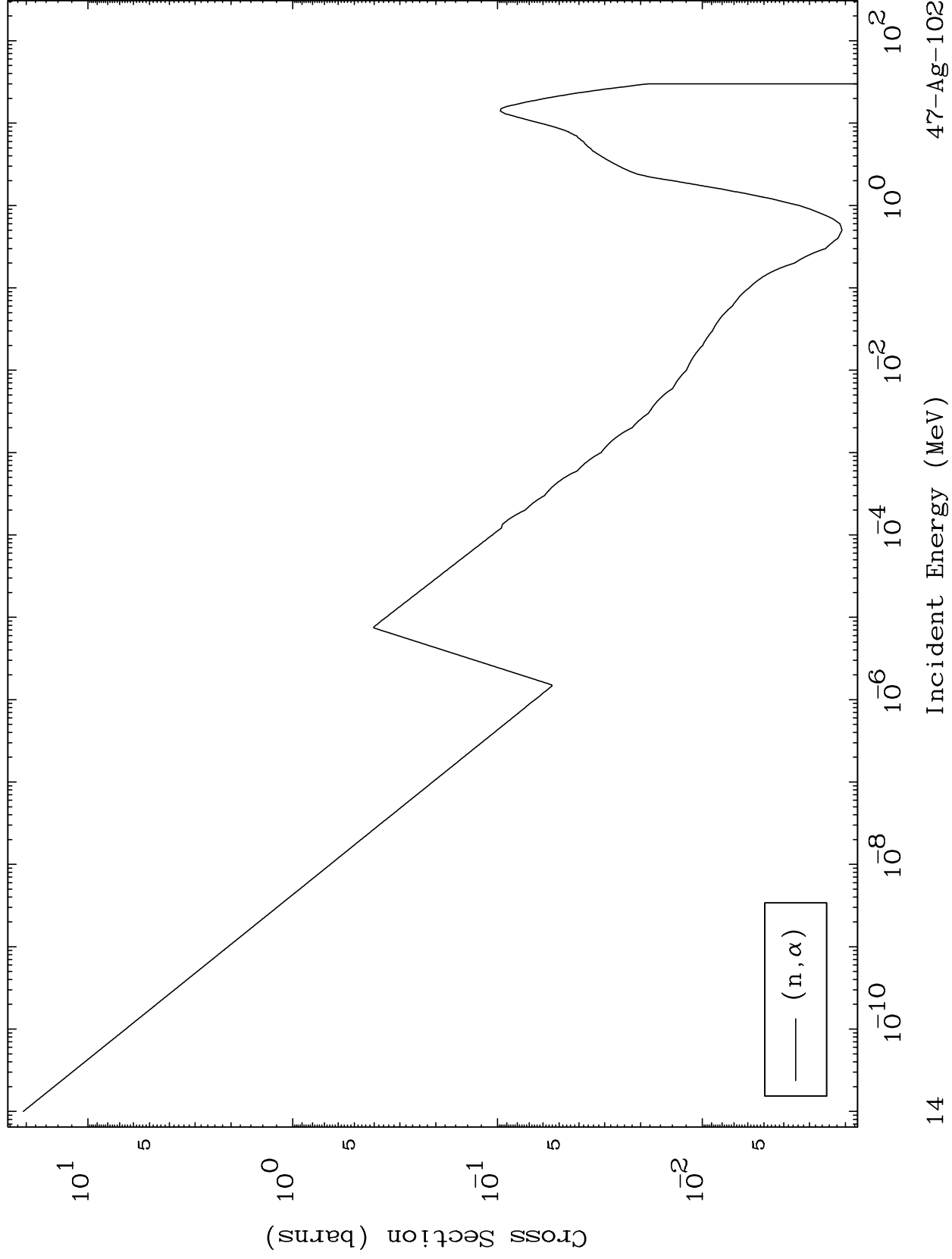
Incident Energy (MeV)

47-Ag-102

MAT 4710

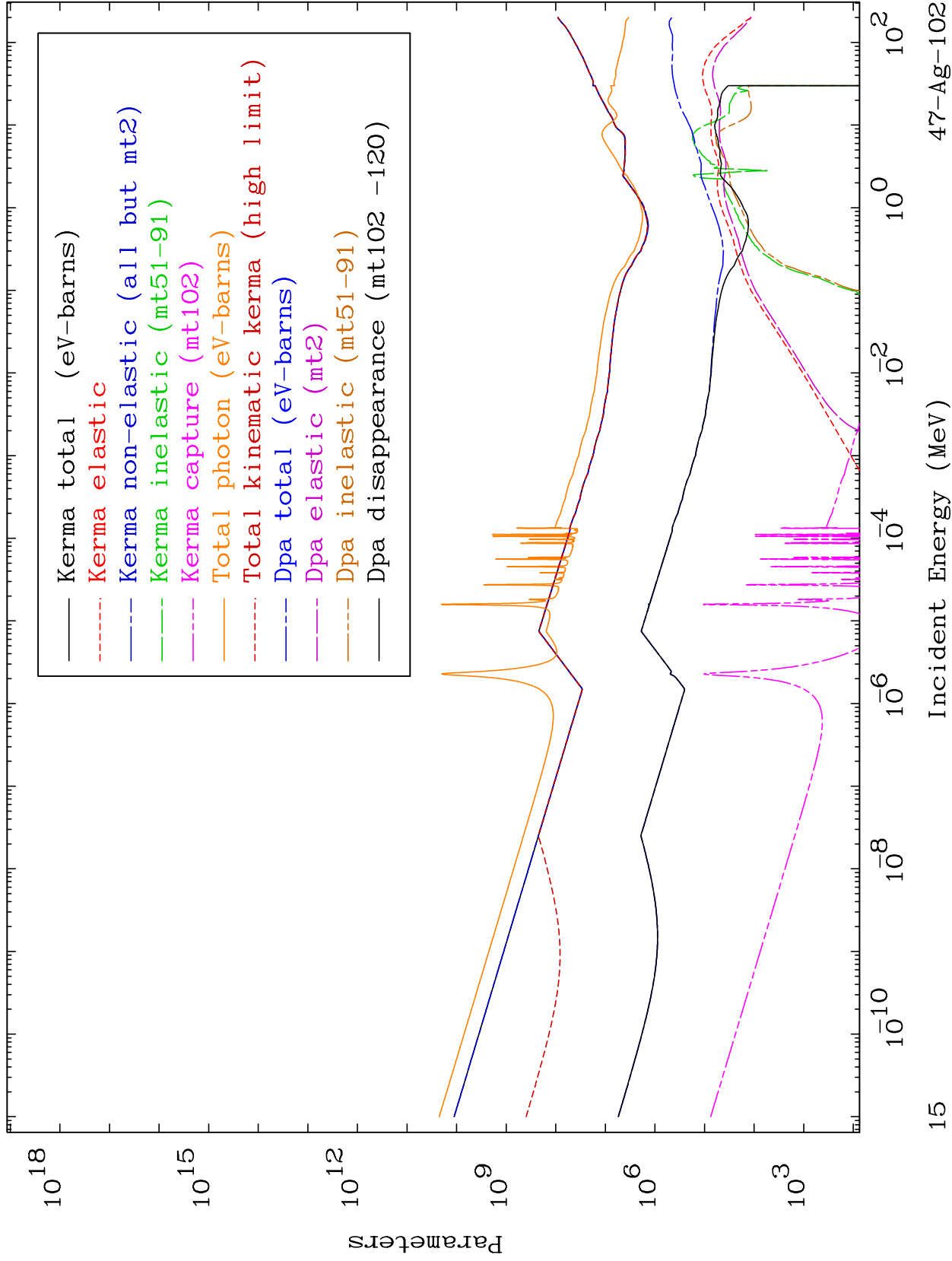
(n,α) Levels
293 Kelvin Cross Sections

47-Ag-102



Incident Energy (MeV)

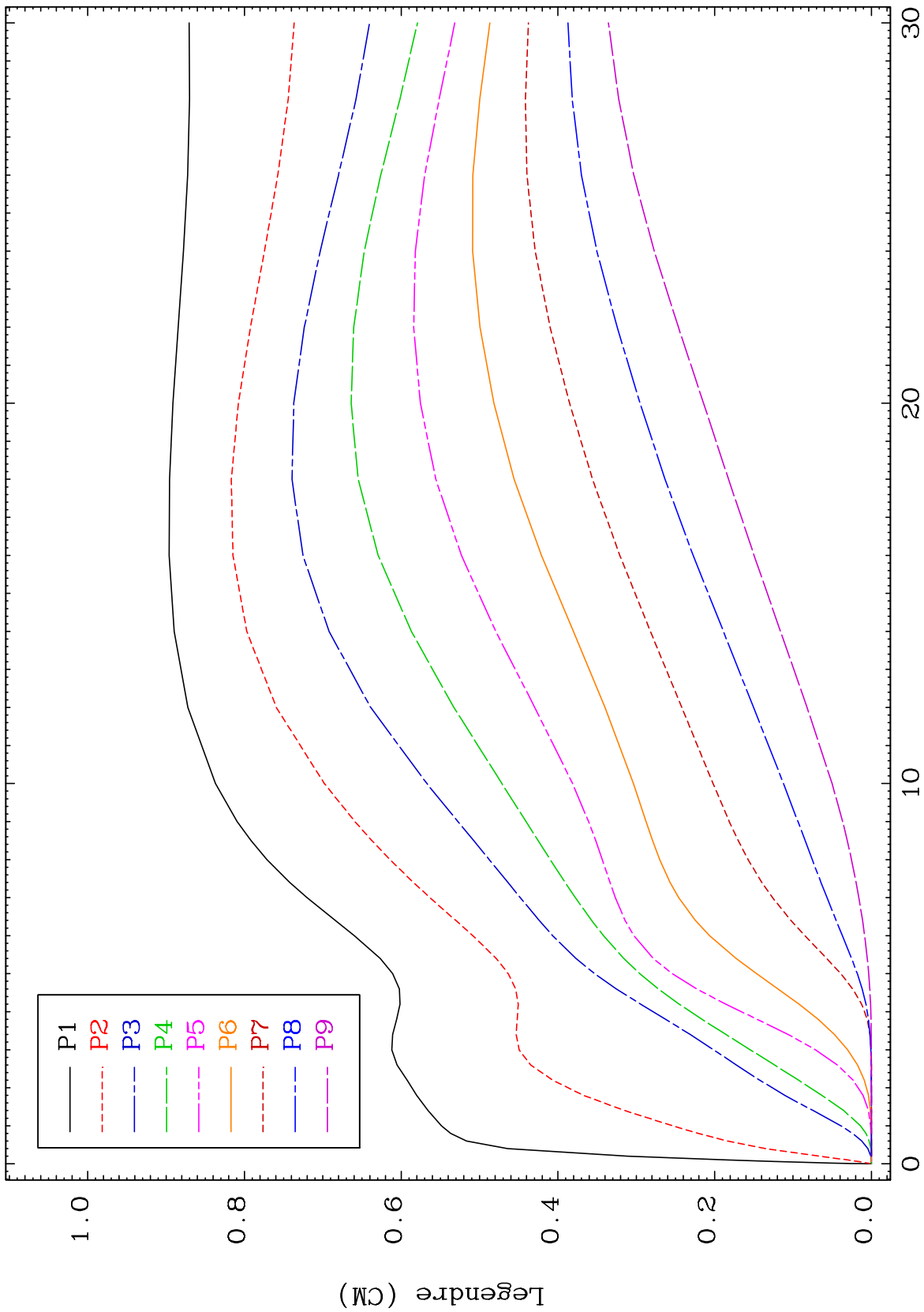
47-Ag-102



MAT 4710

Elastic Legendre Coefficients

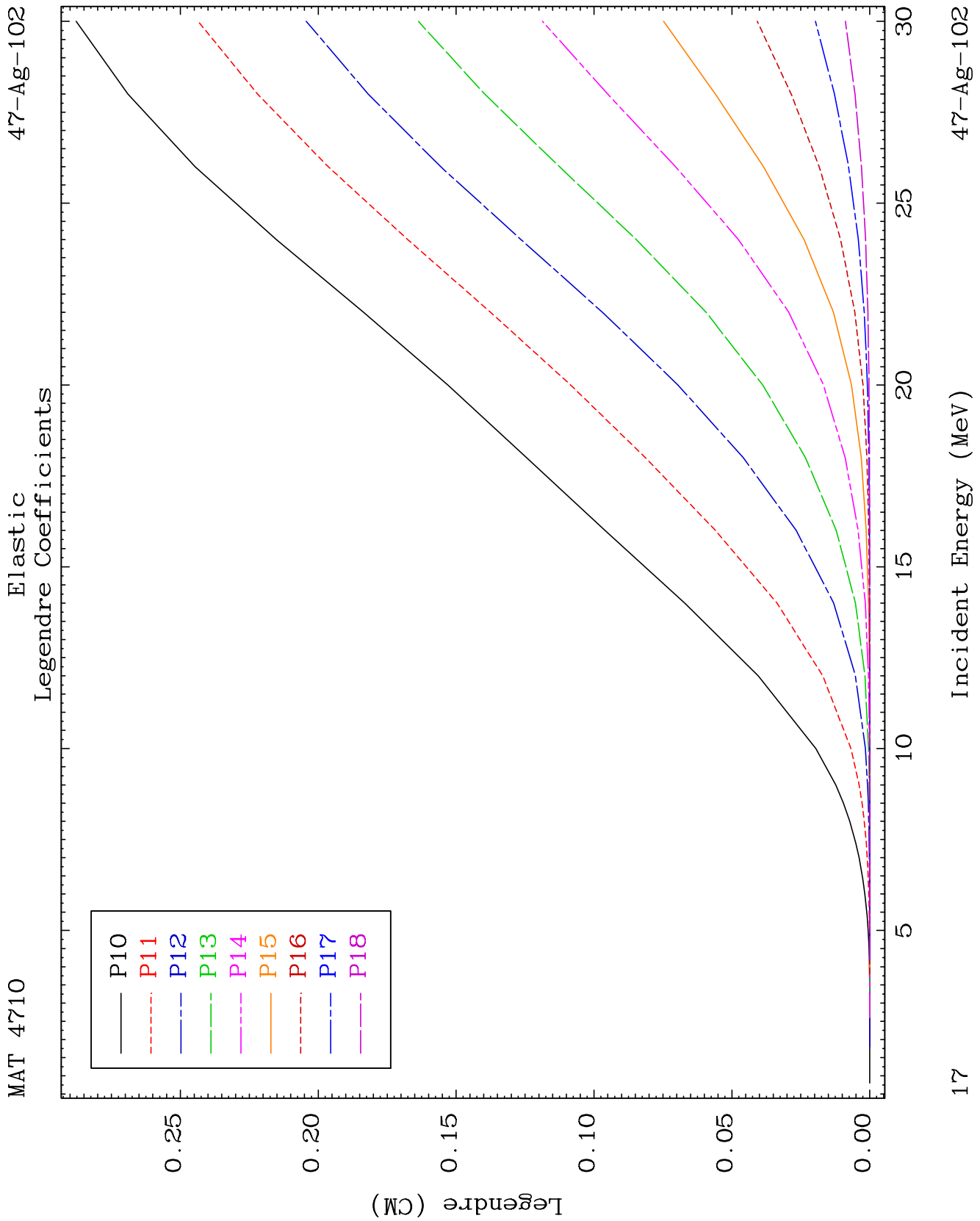
47-Ag-102



16

Incident Energy (MeV)

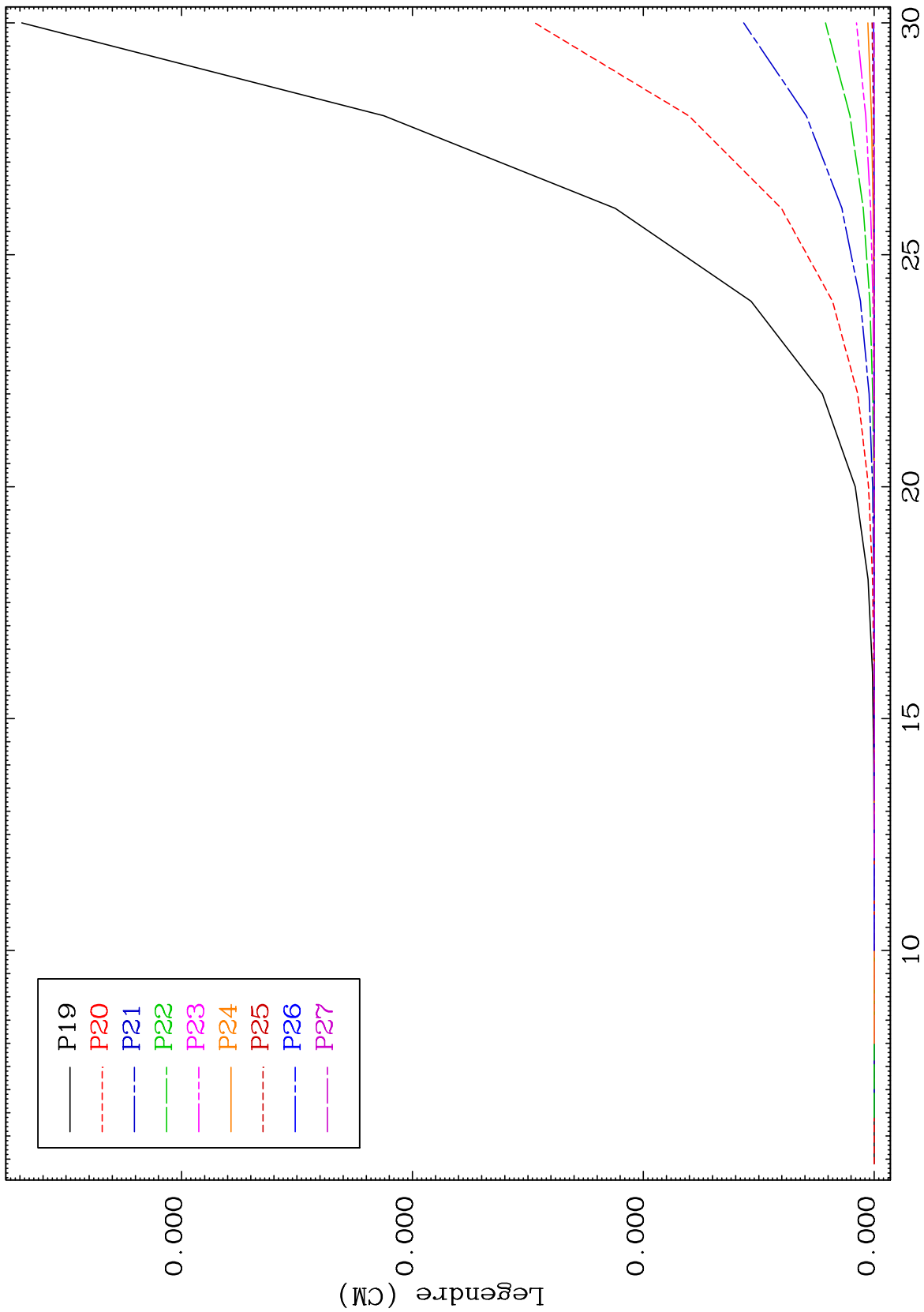
47-Ag-102



MAT 4710

Elastic Legendre Coefficients

47-Ag-102



18

Incident Energy (MeV)

47-Ag-102

MAT 4710

Elastic Legendre Coefficients

47-Ag-102

$\times 10^{-7}$
0.5

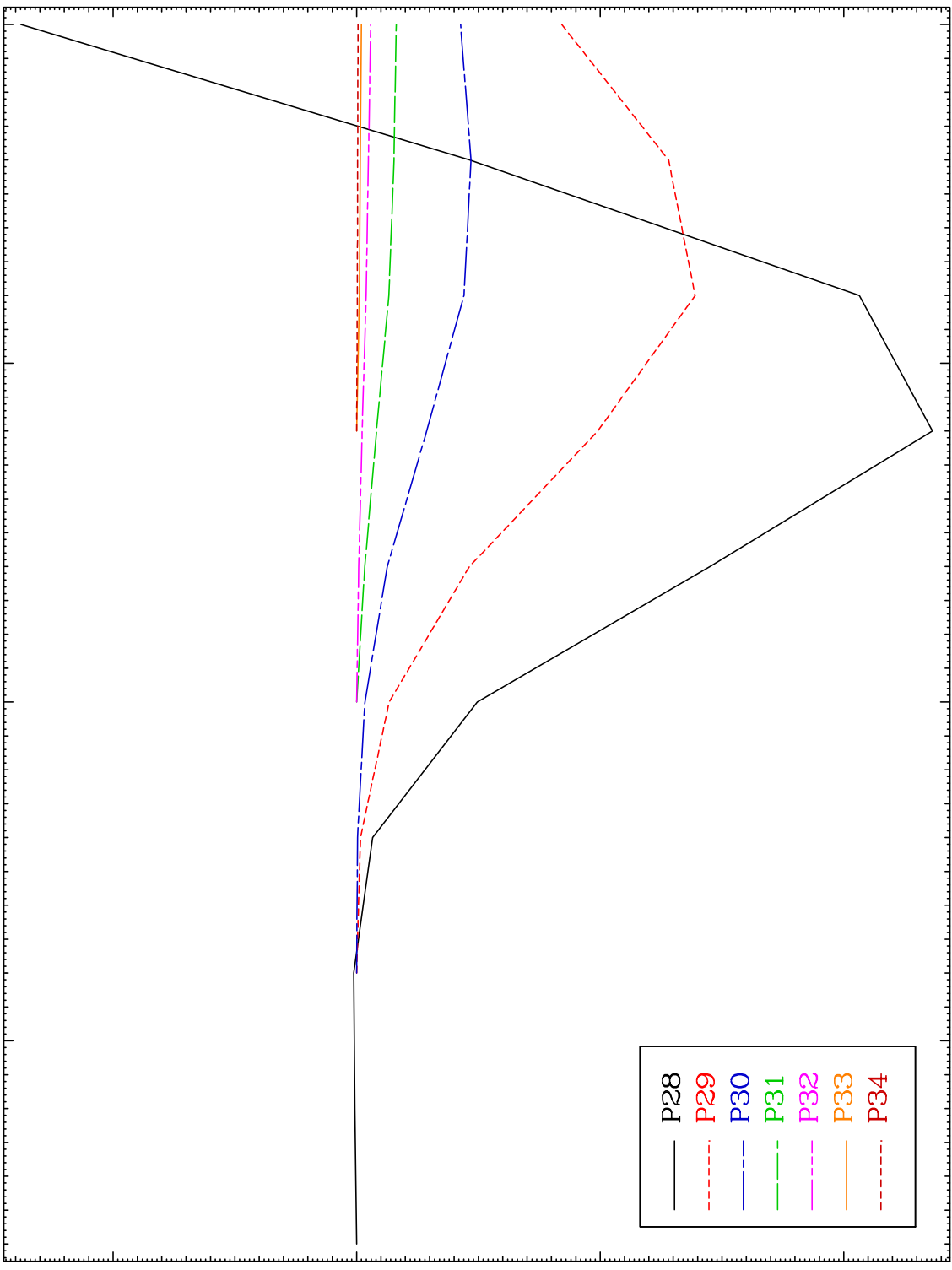
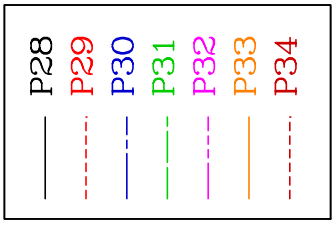
Legendre (CM)

15

20

25

30



19

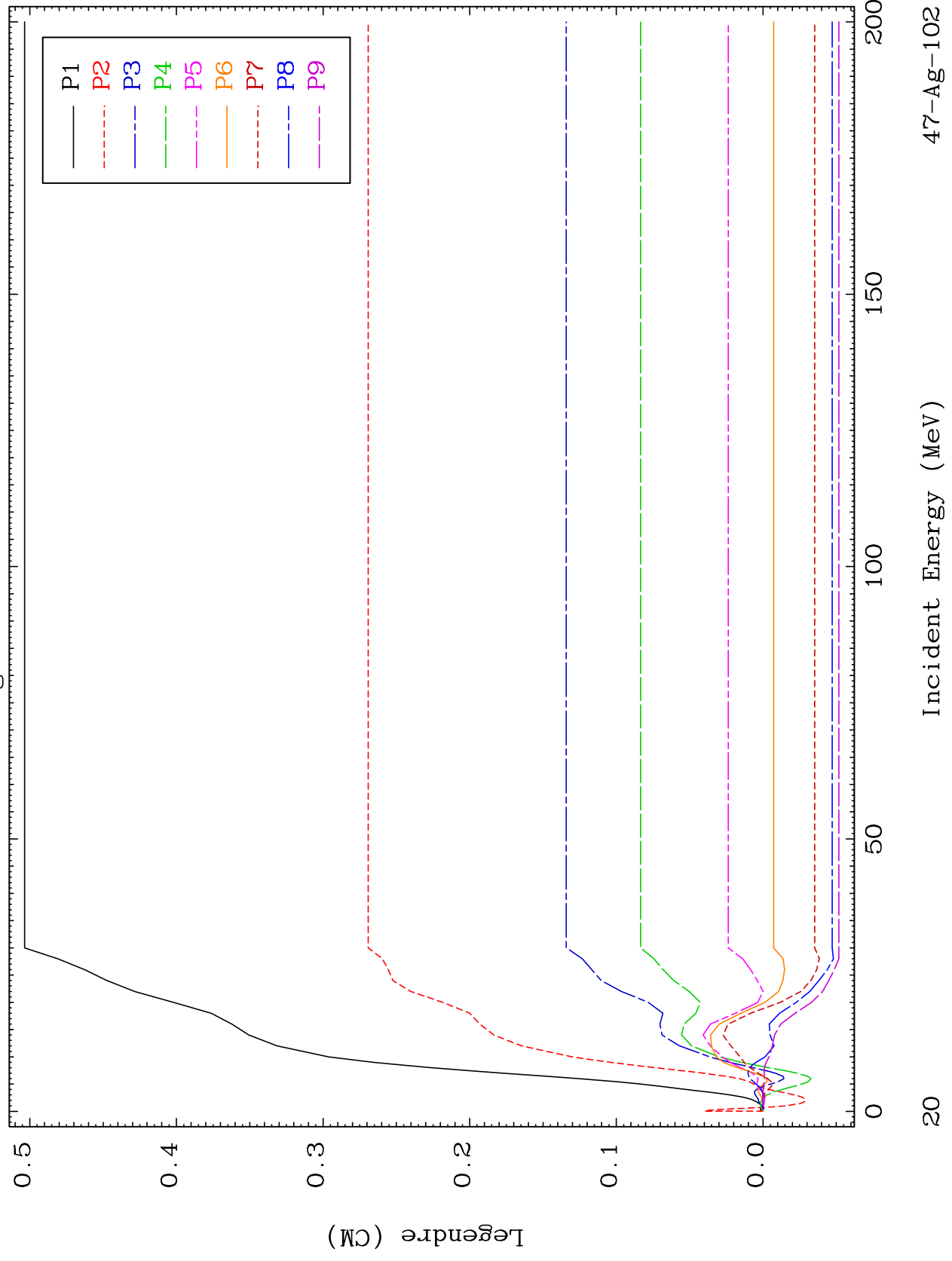
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

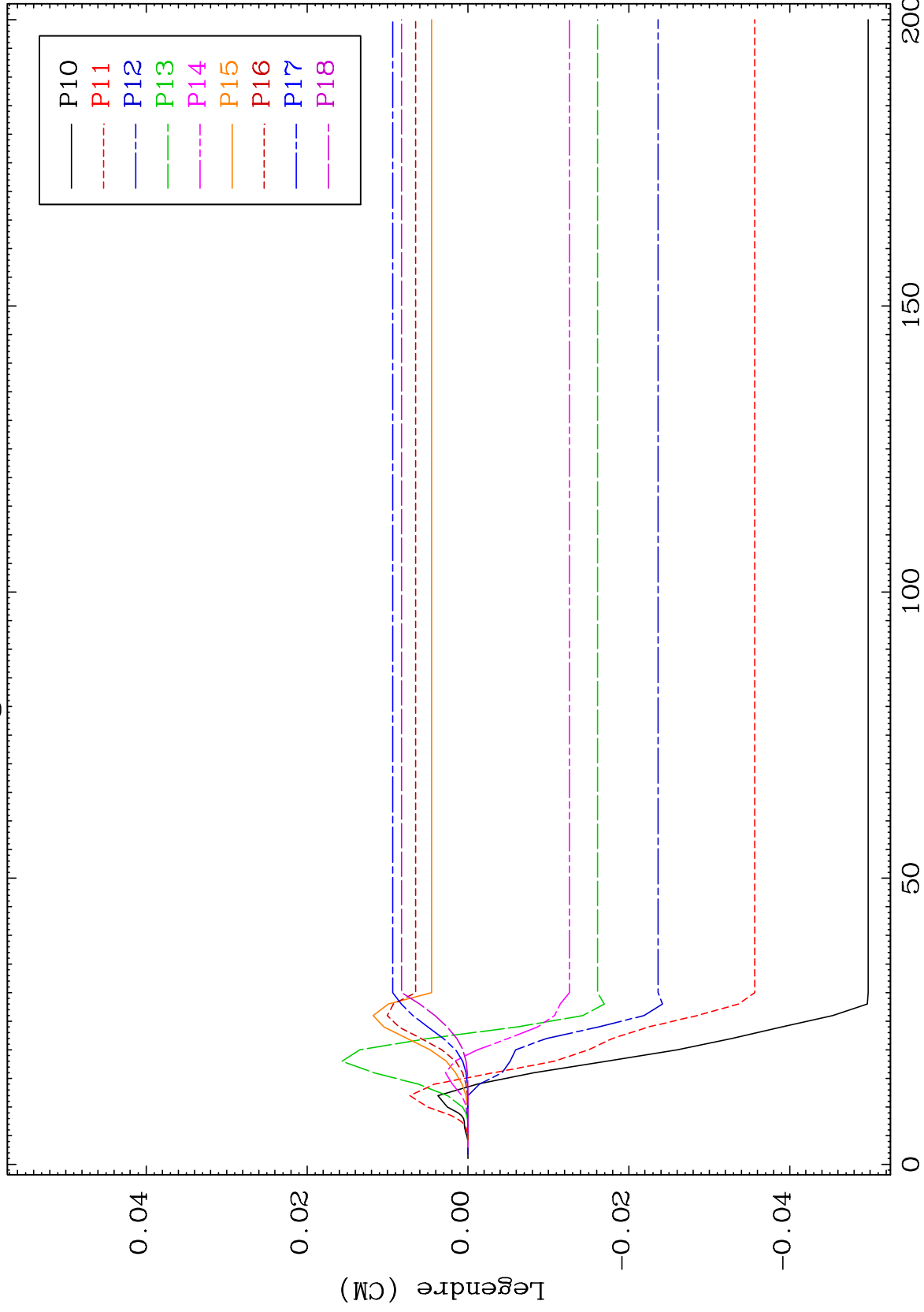
47-Ag-102



MAT 4710

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

47-Ag-102



21

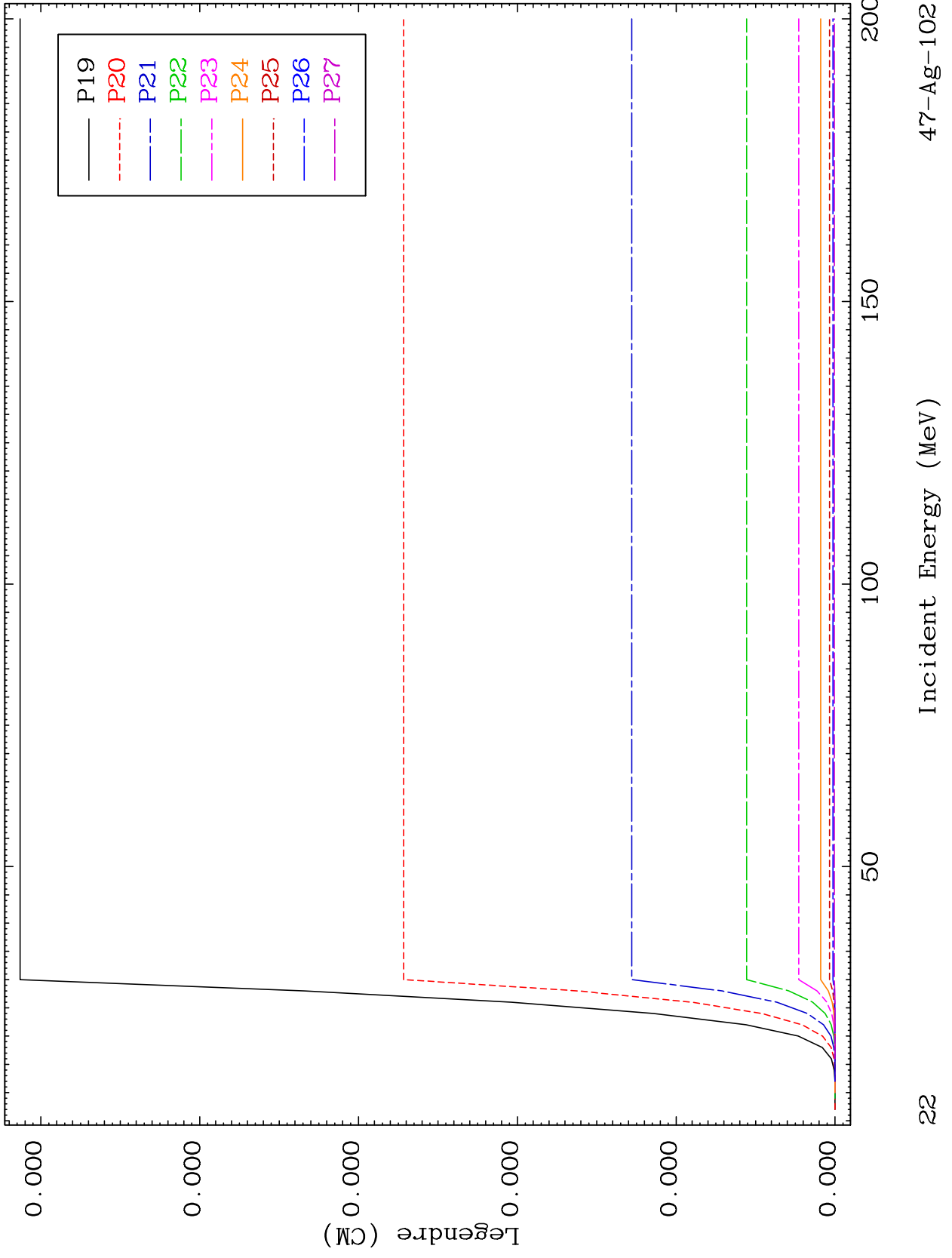
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



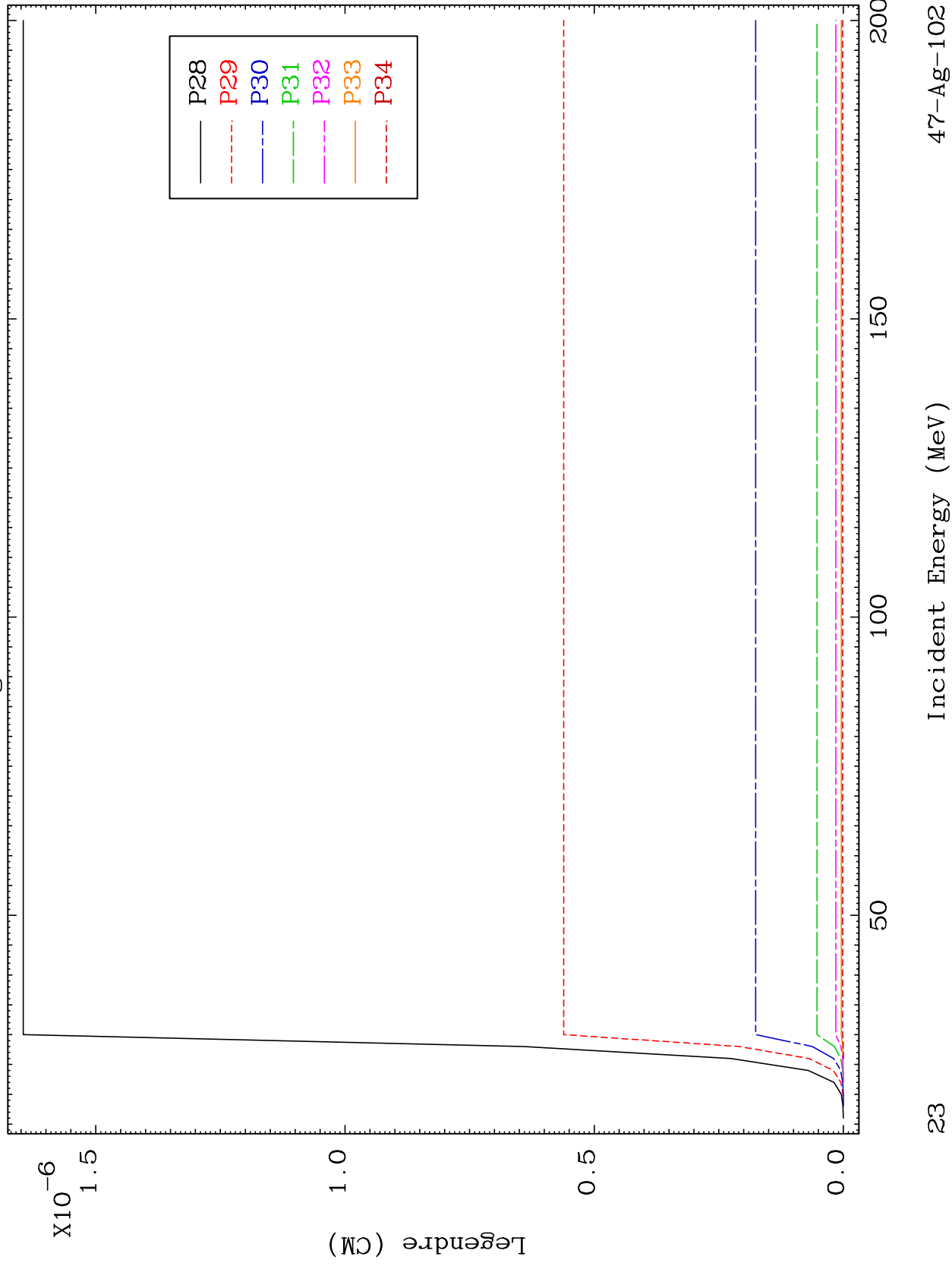
22

47-Ag-102

MAT 4710

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

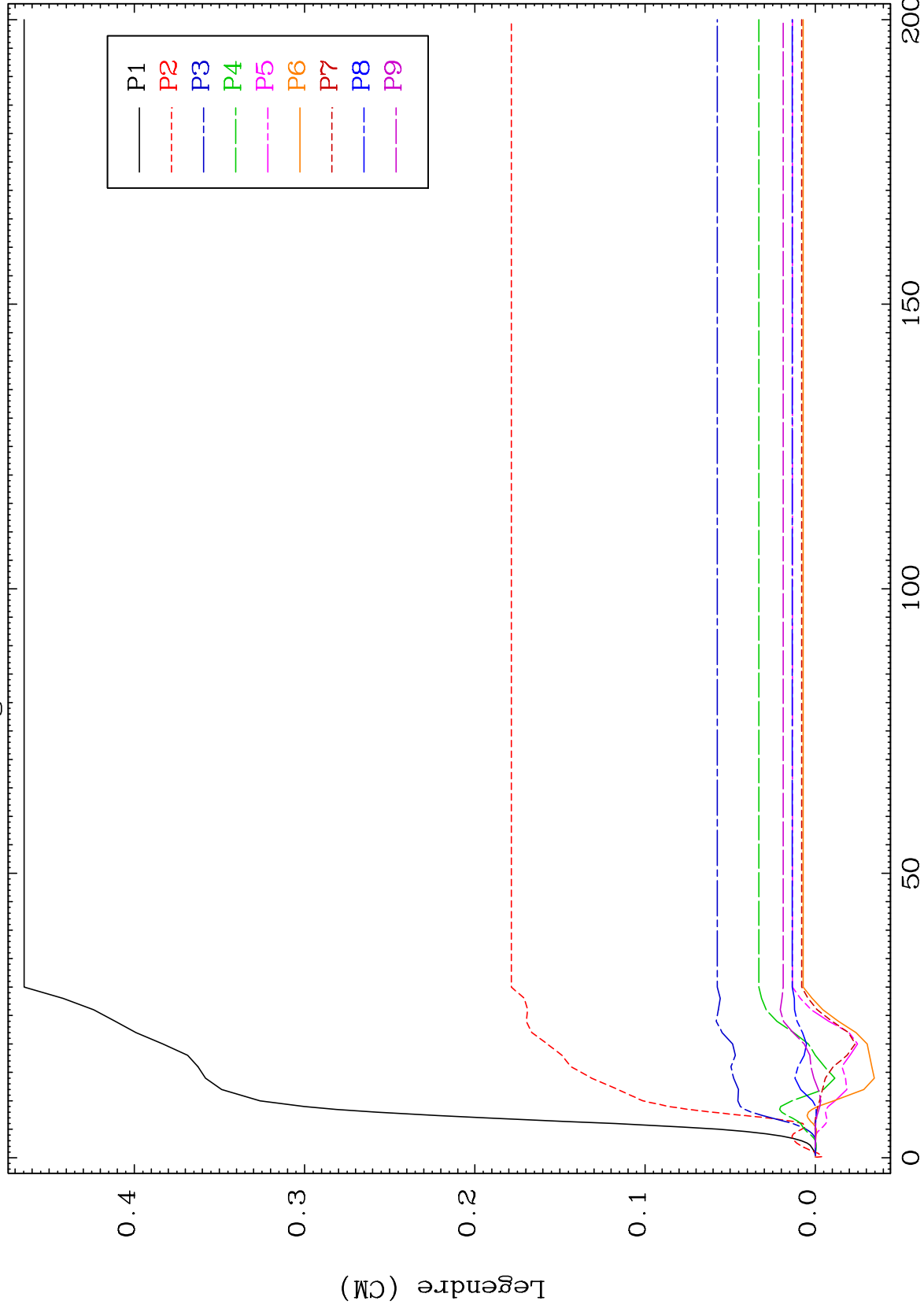
47-Ag-102



MAT 4710

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

47-Ag-102



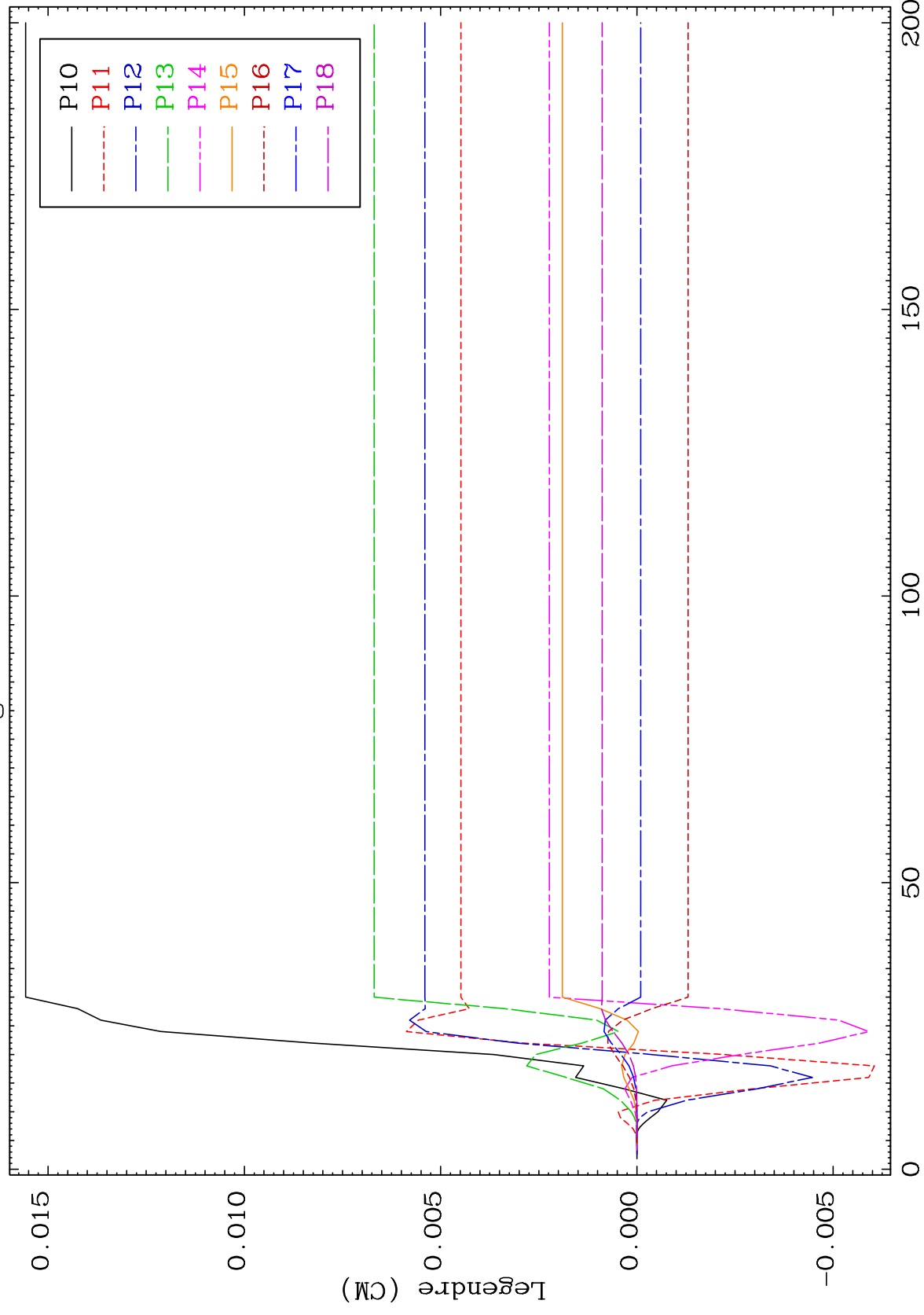
24

47-Ag-102

MAT 4710

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

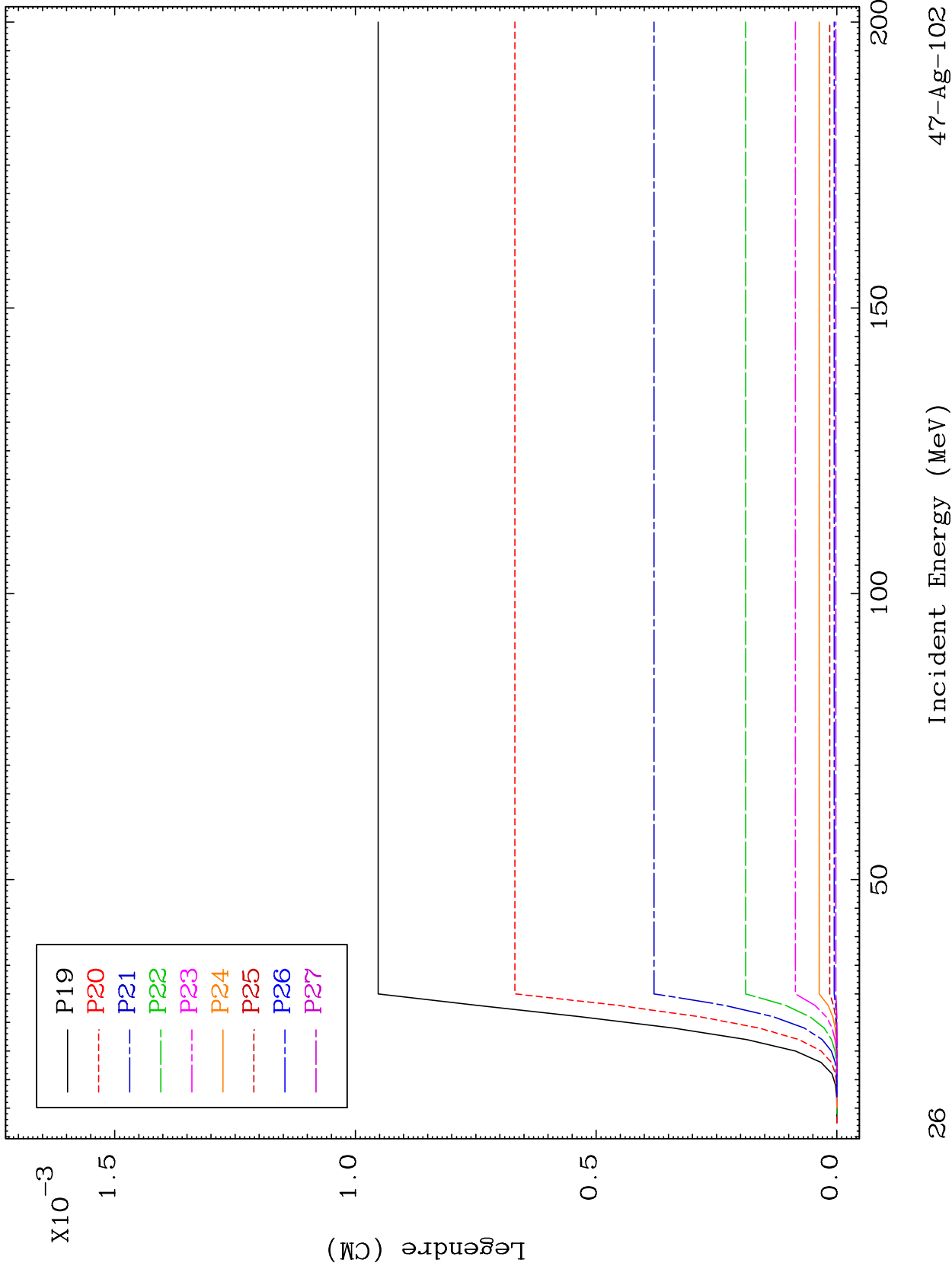
47-Ag-102



47-Ag-102

Incident Energy (MeV)

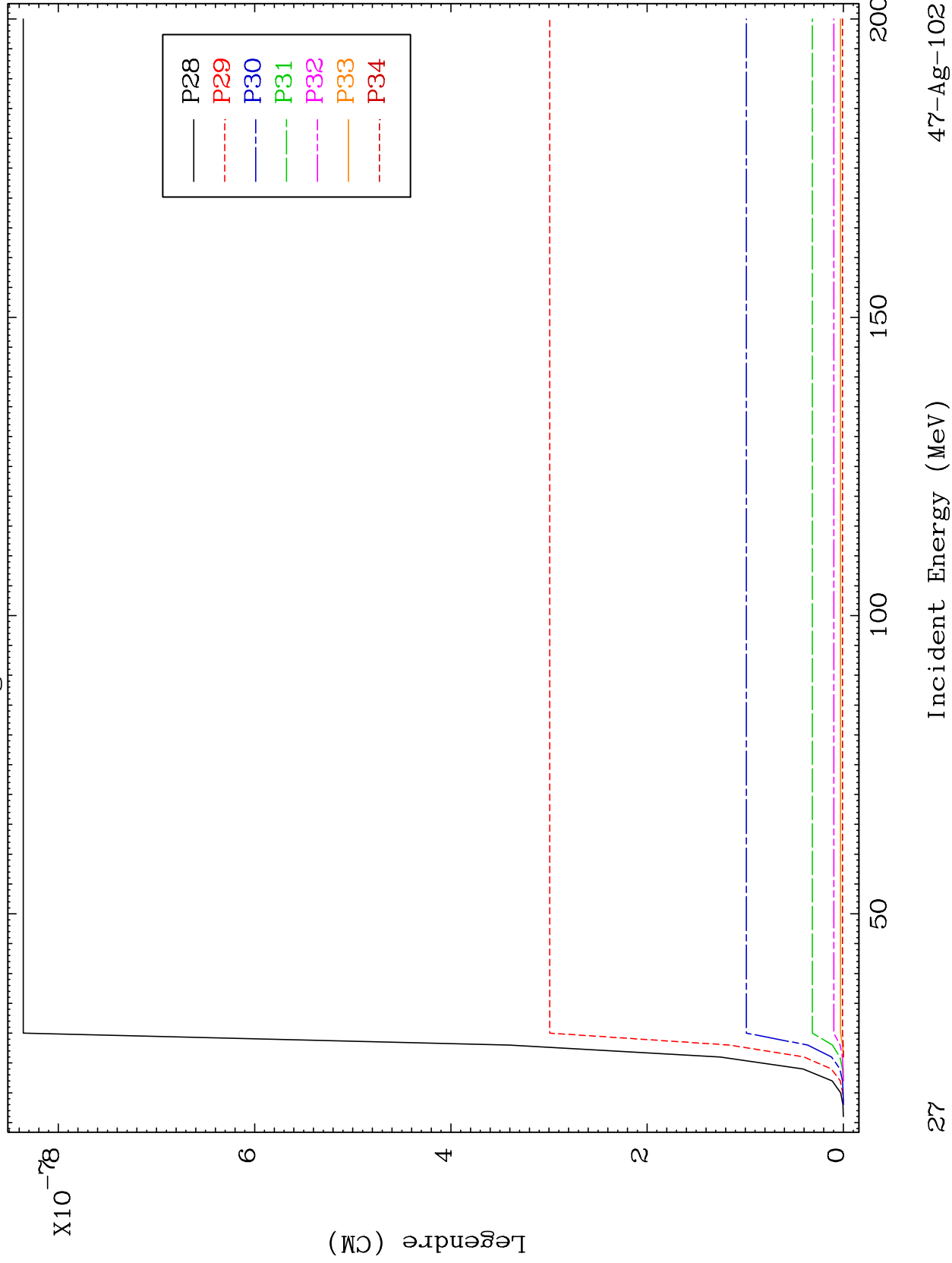
25



MAT 4710

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

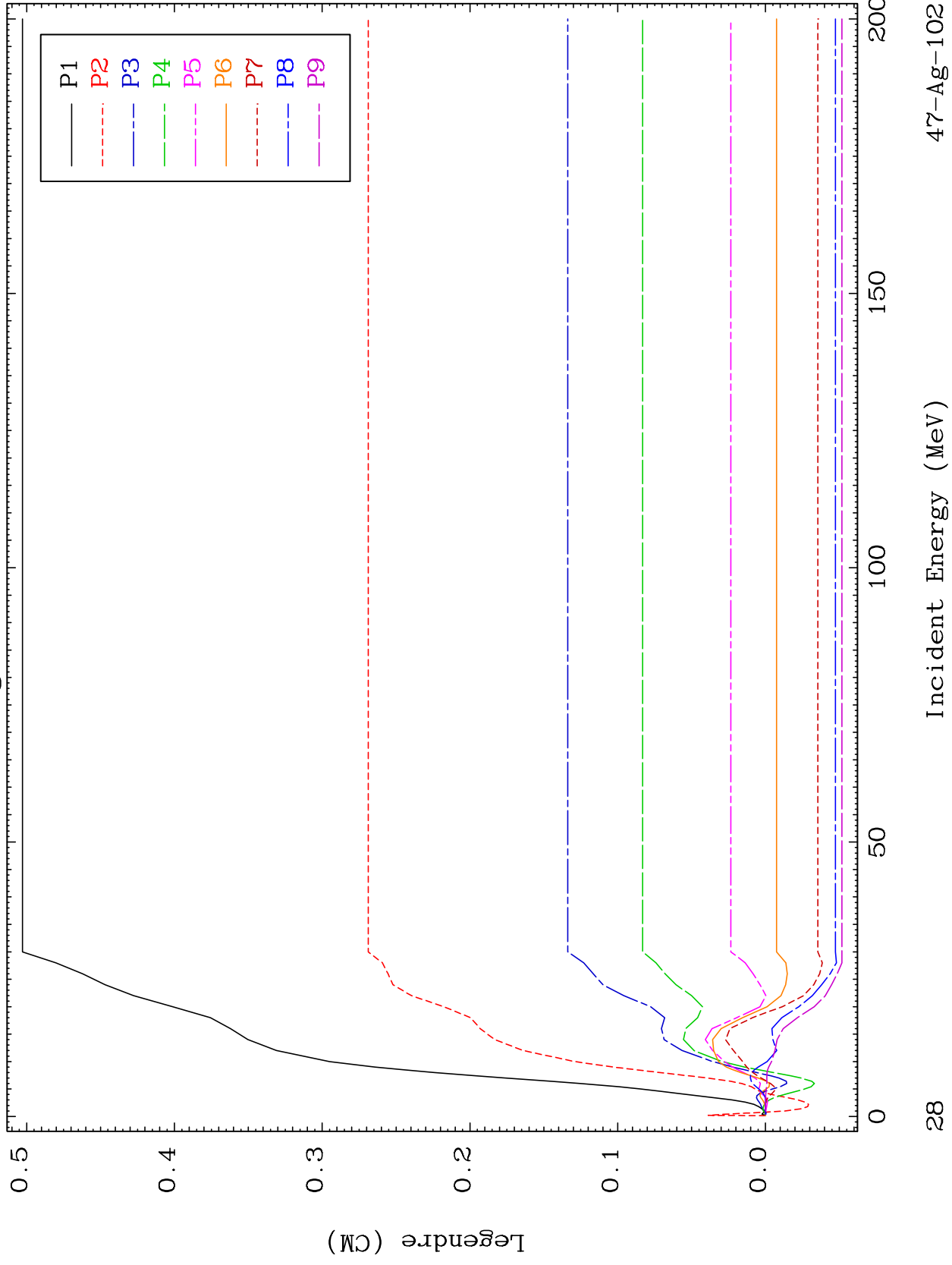
47-Ag-102



MAT 4710

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

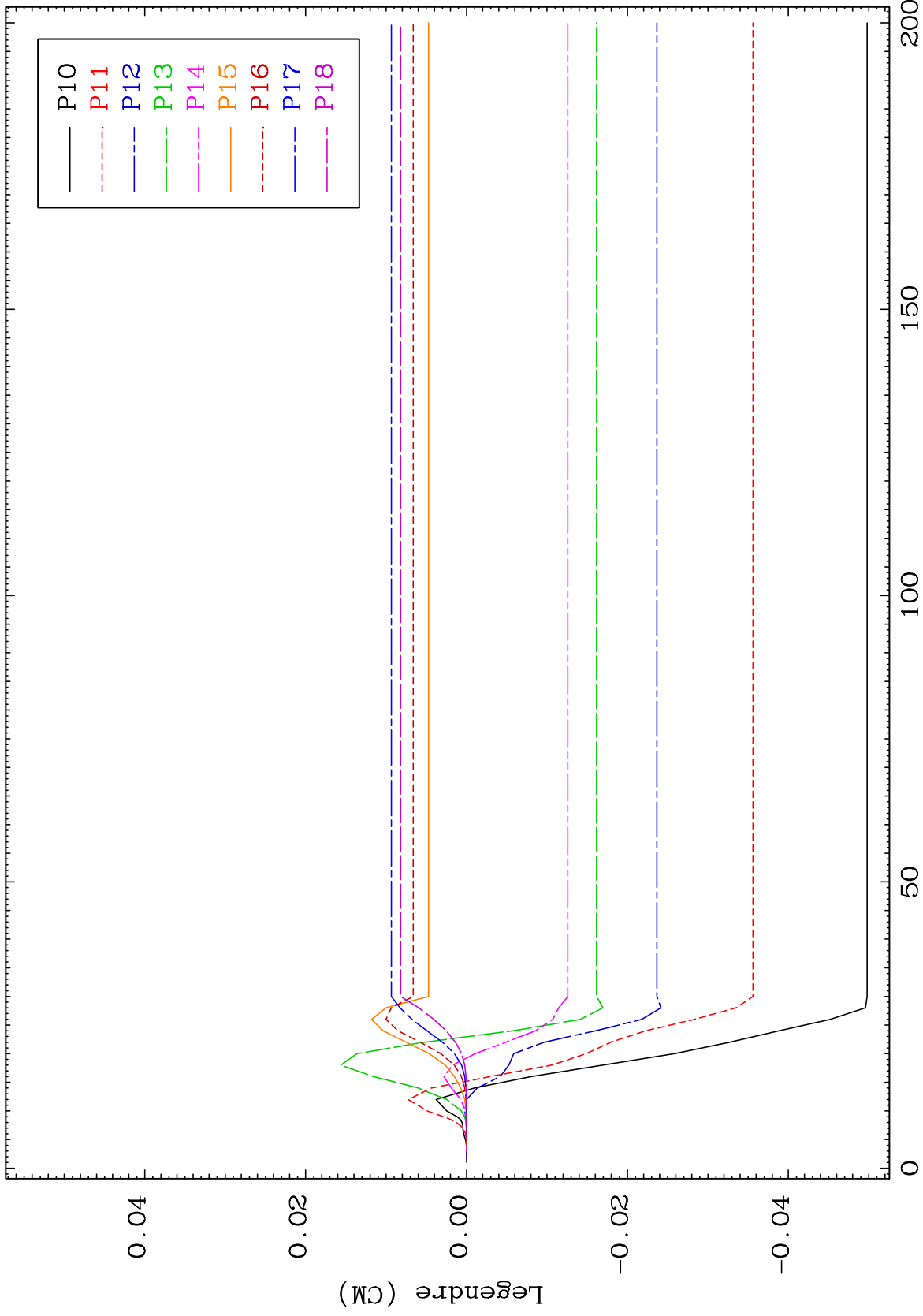
47-Ag-102



MAT 4710

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

47-Ag-102



29

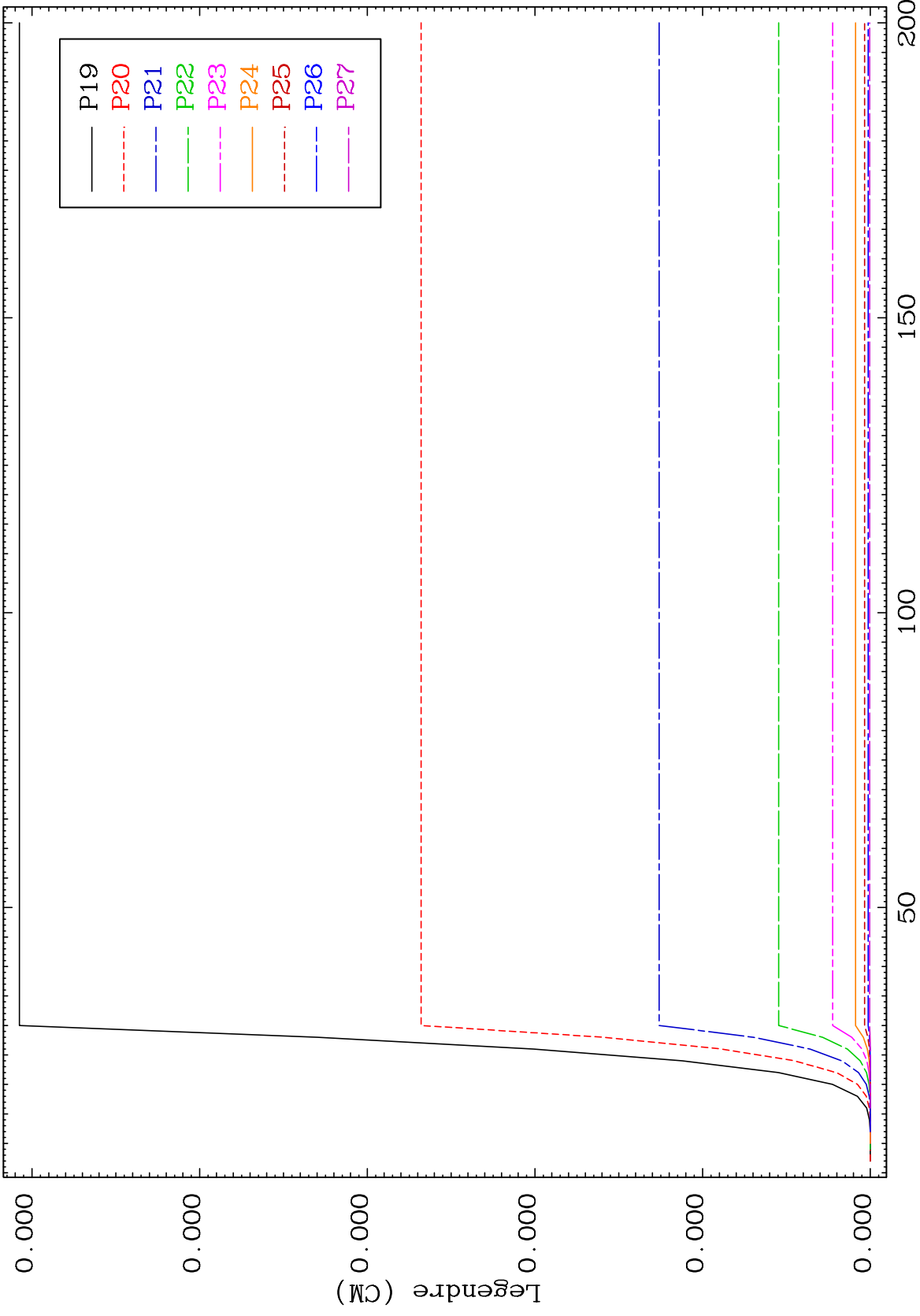
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



30

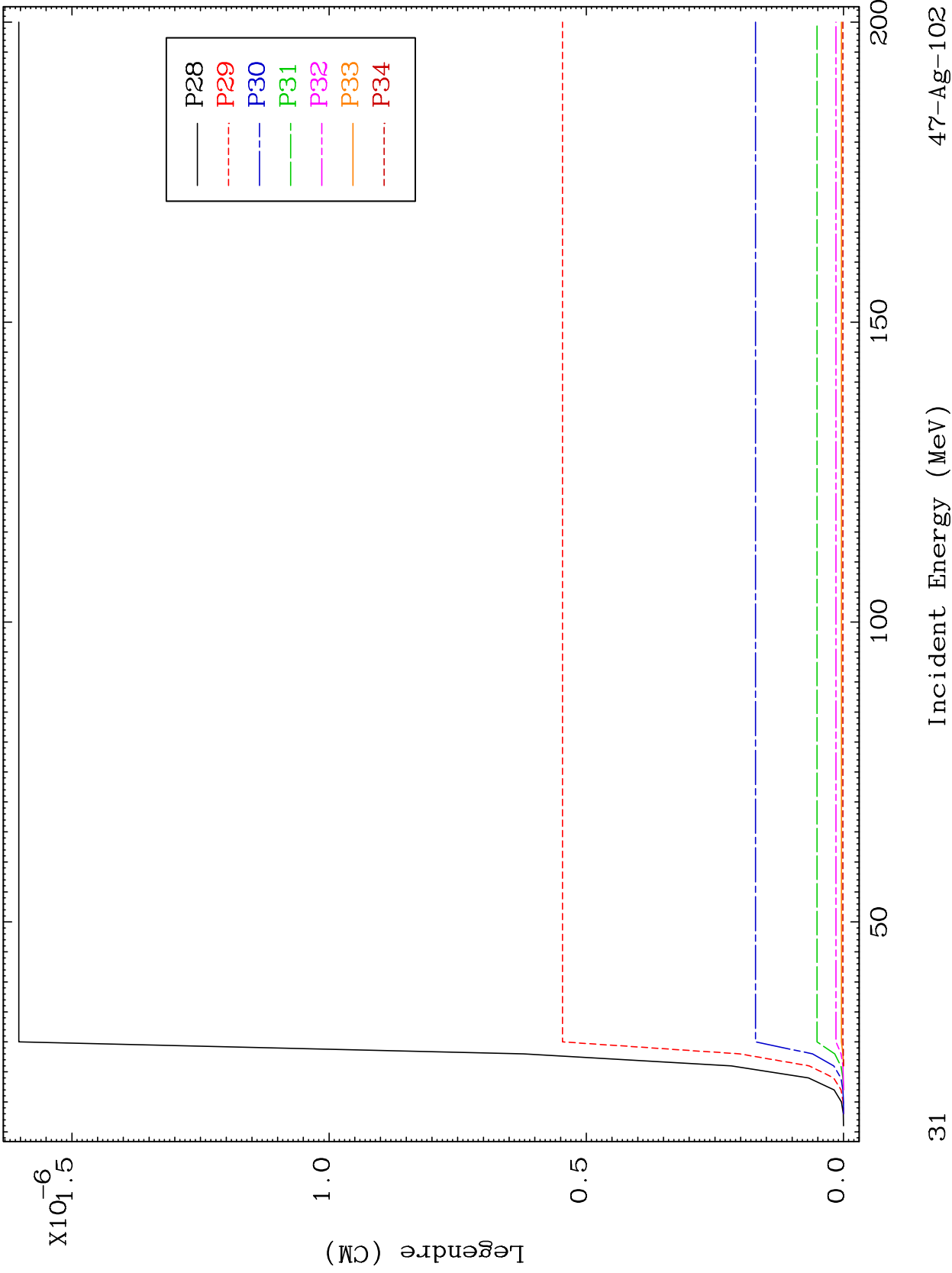
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



31

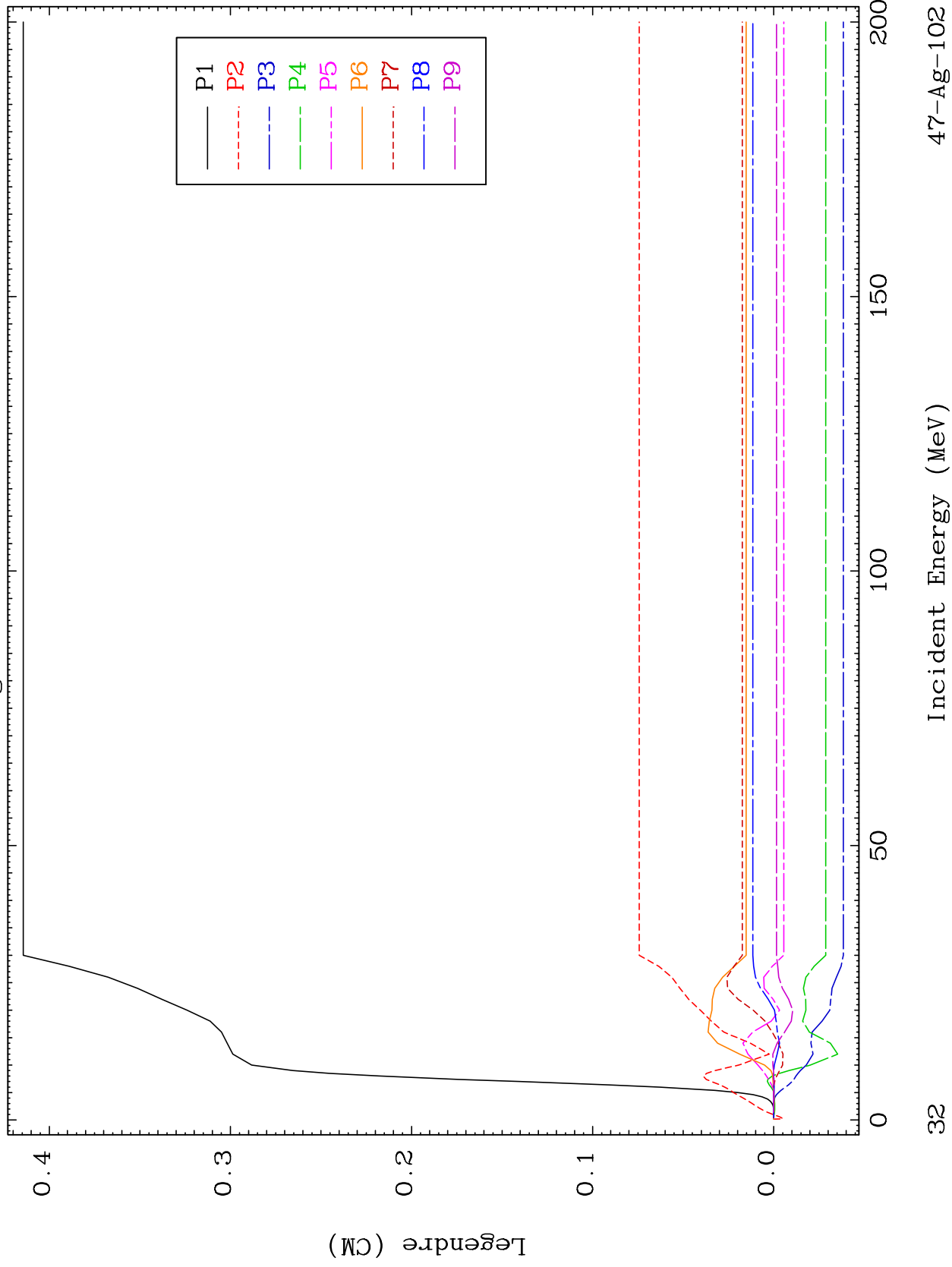
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



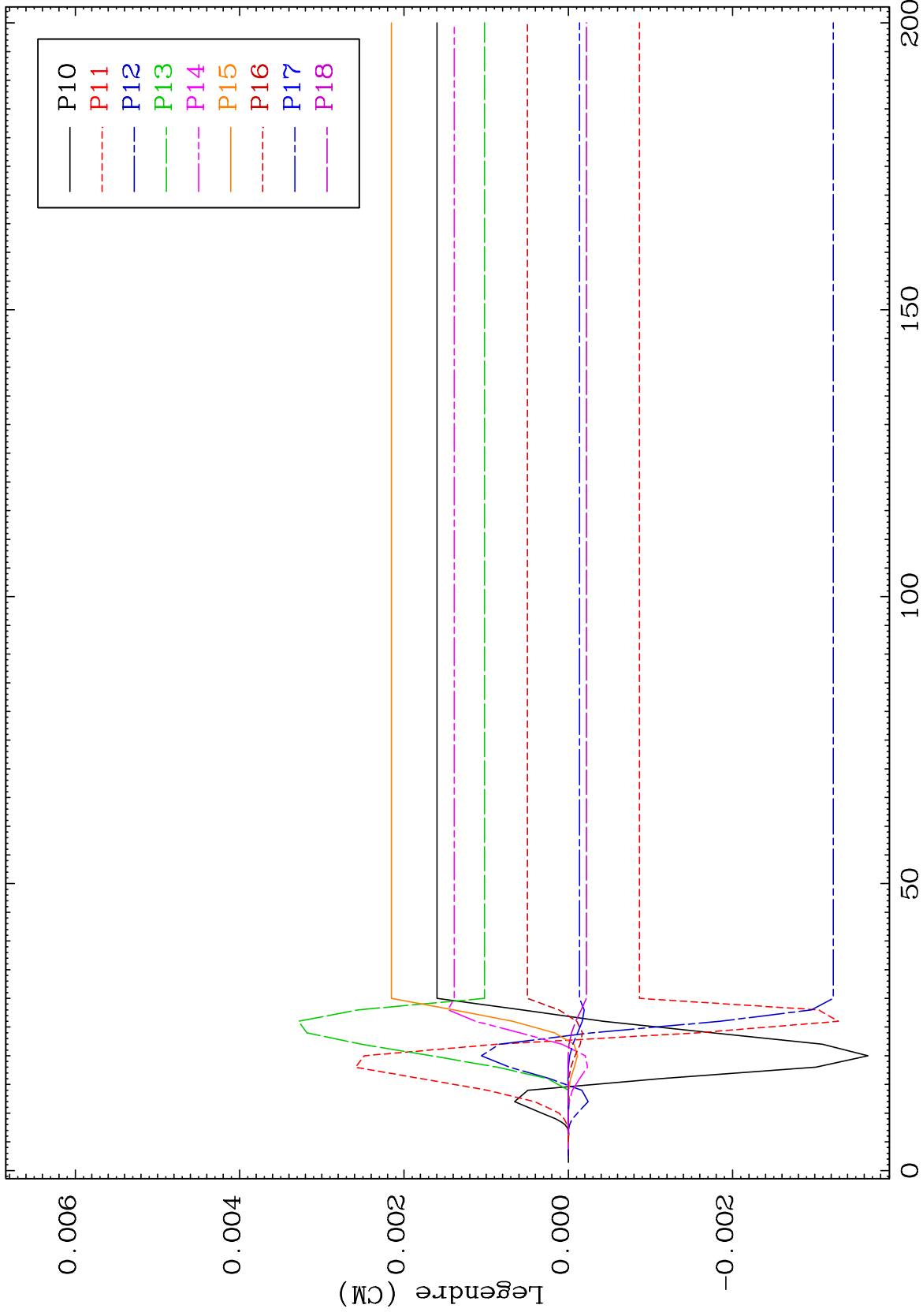
47-Ag-102

32

MAT 4710

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

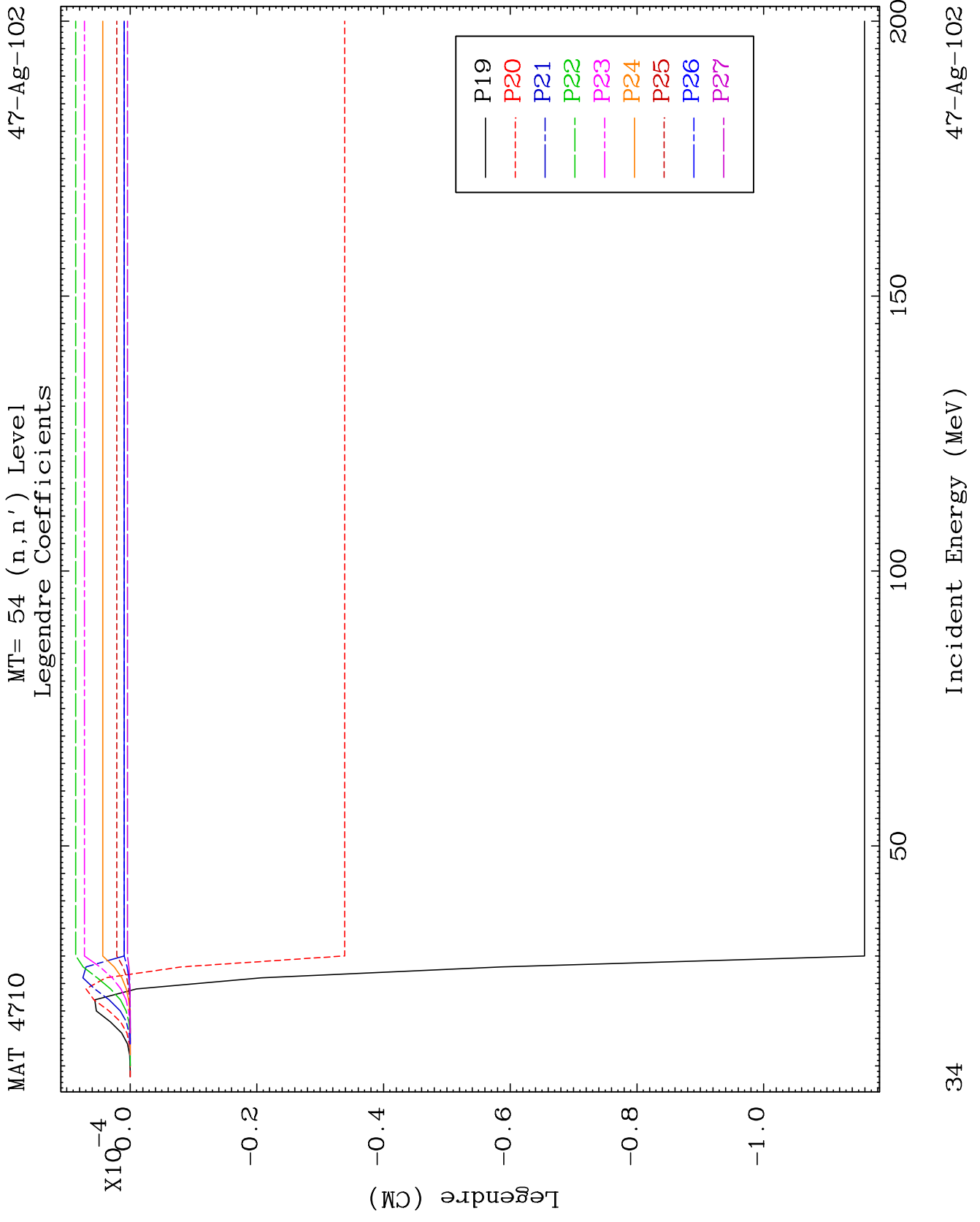
47-Ag-102



33

Incident Energy (MeV)

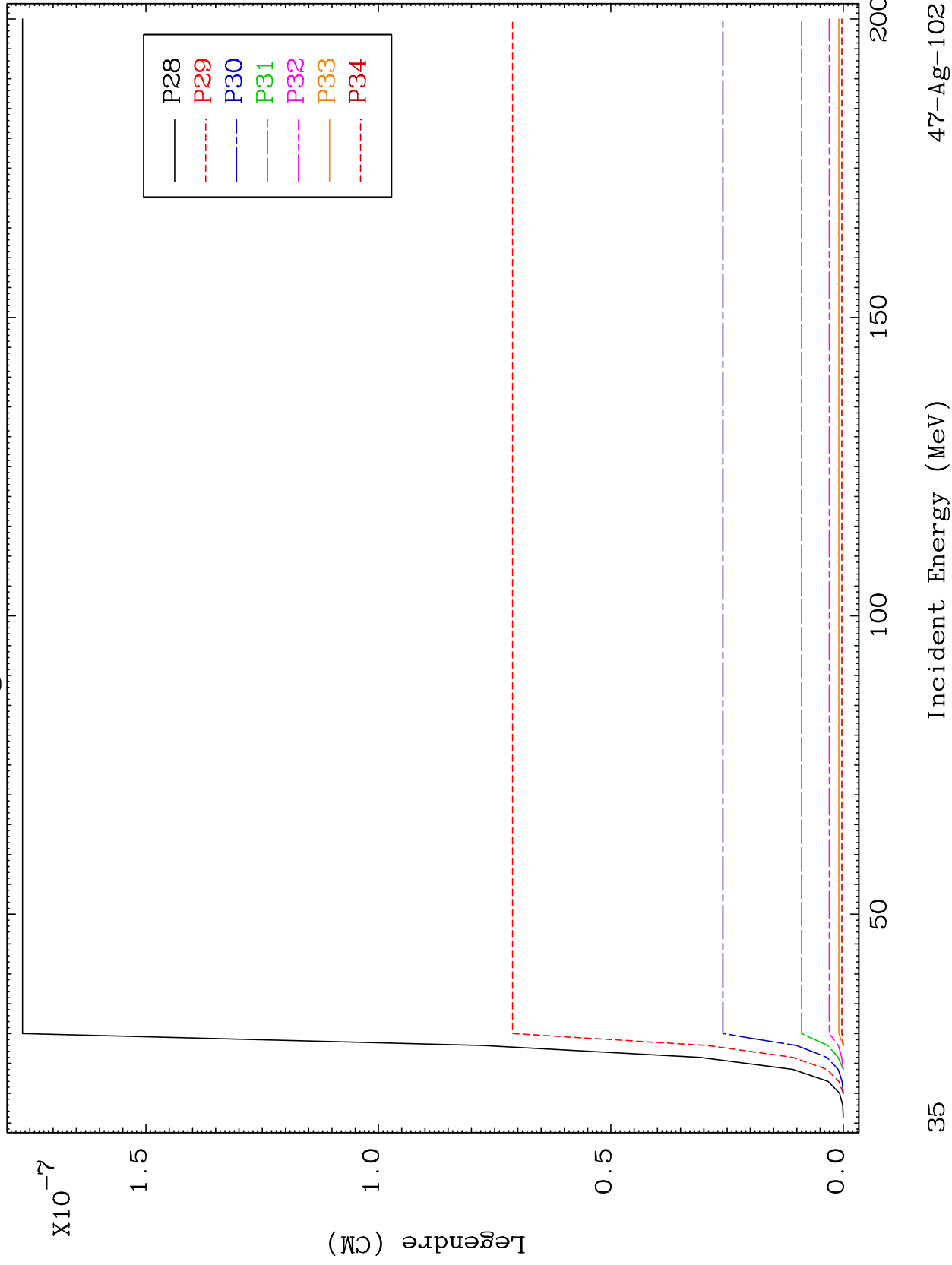
47-Ag-102



MAT 4710

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

47-Ag-102



35

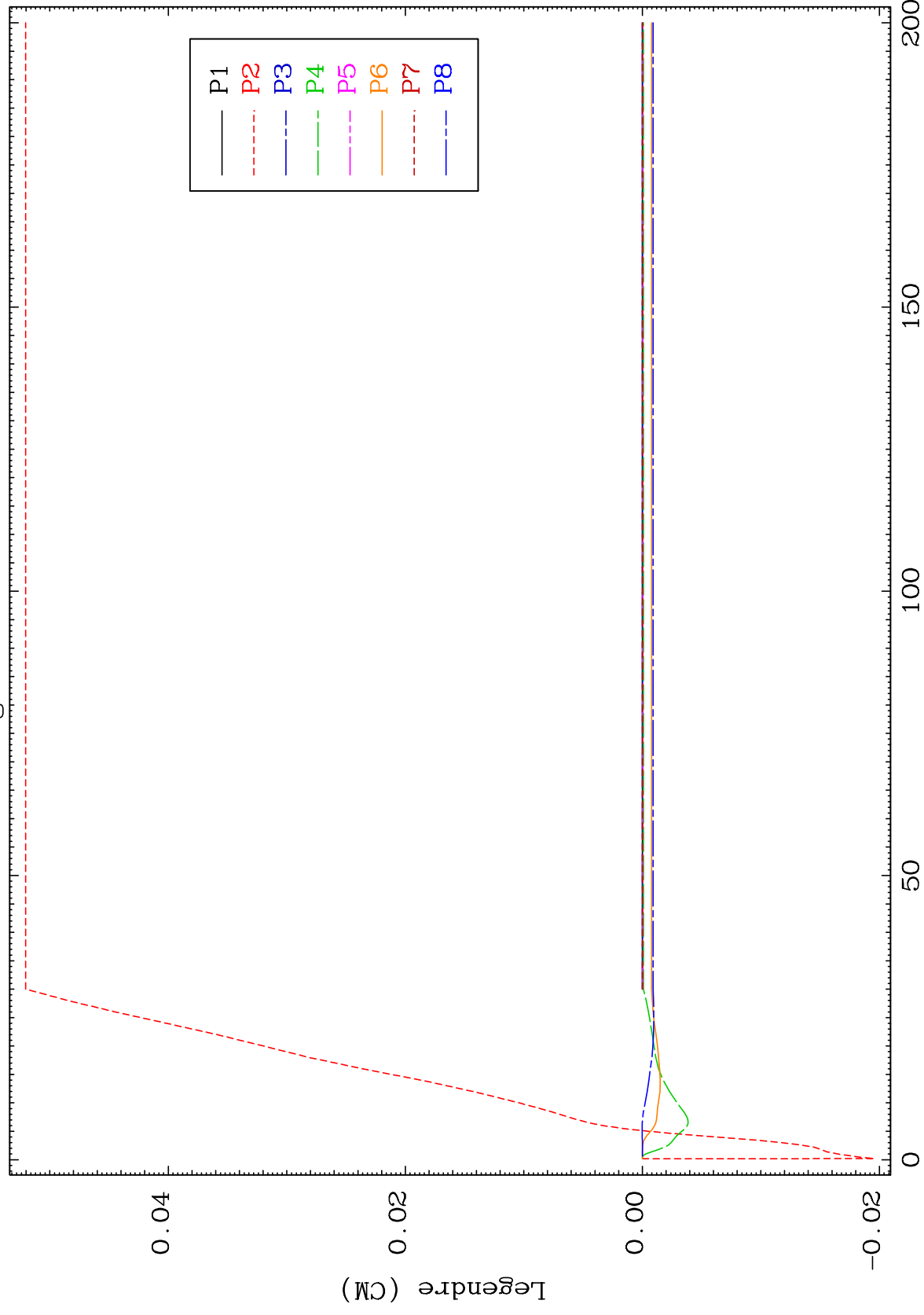
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

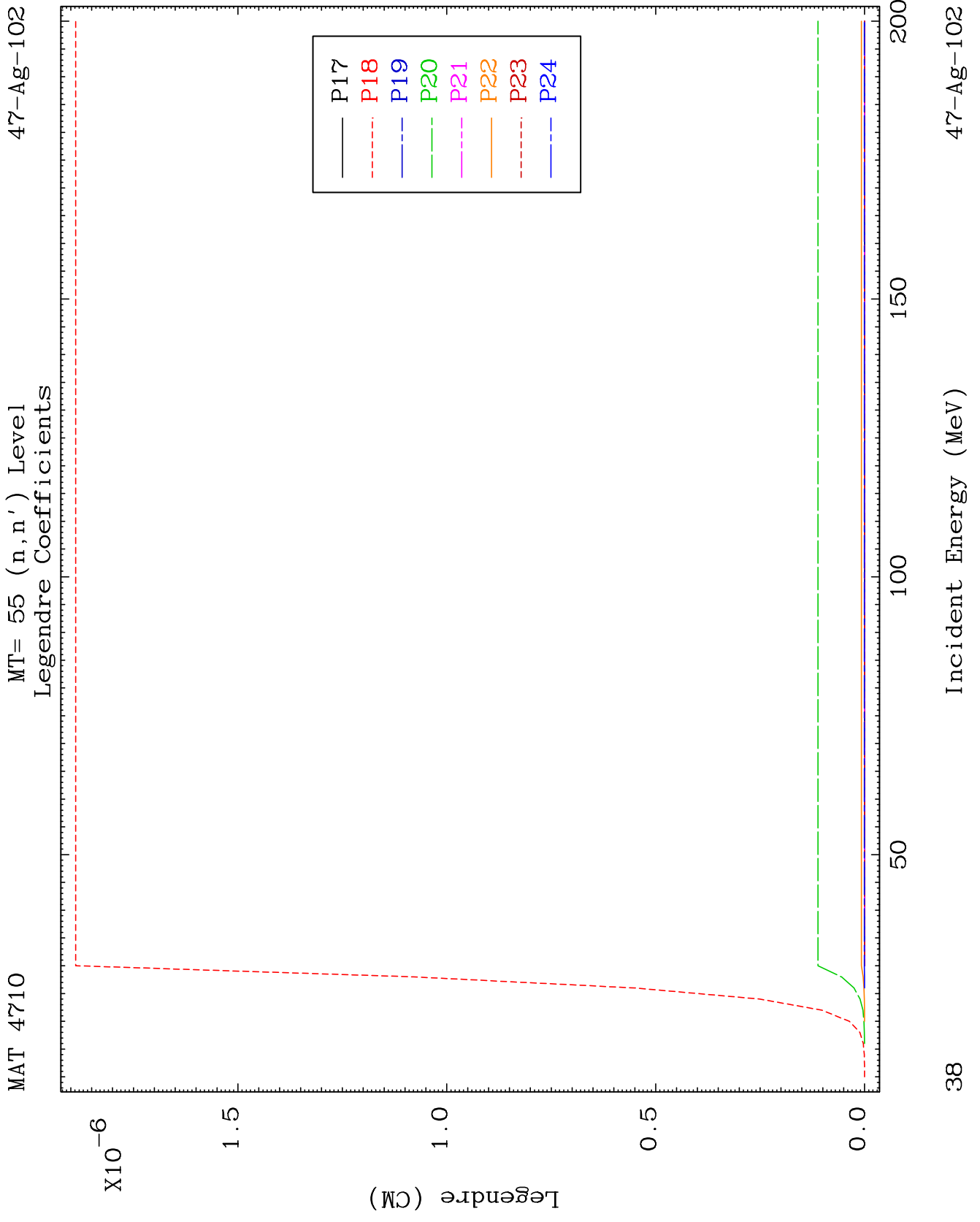
47-Ag-102



36

Incident Energy (MeV)

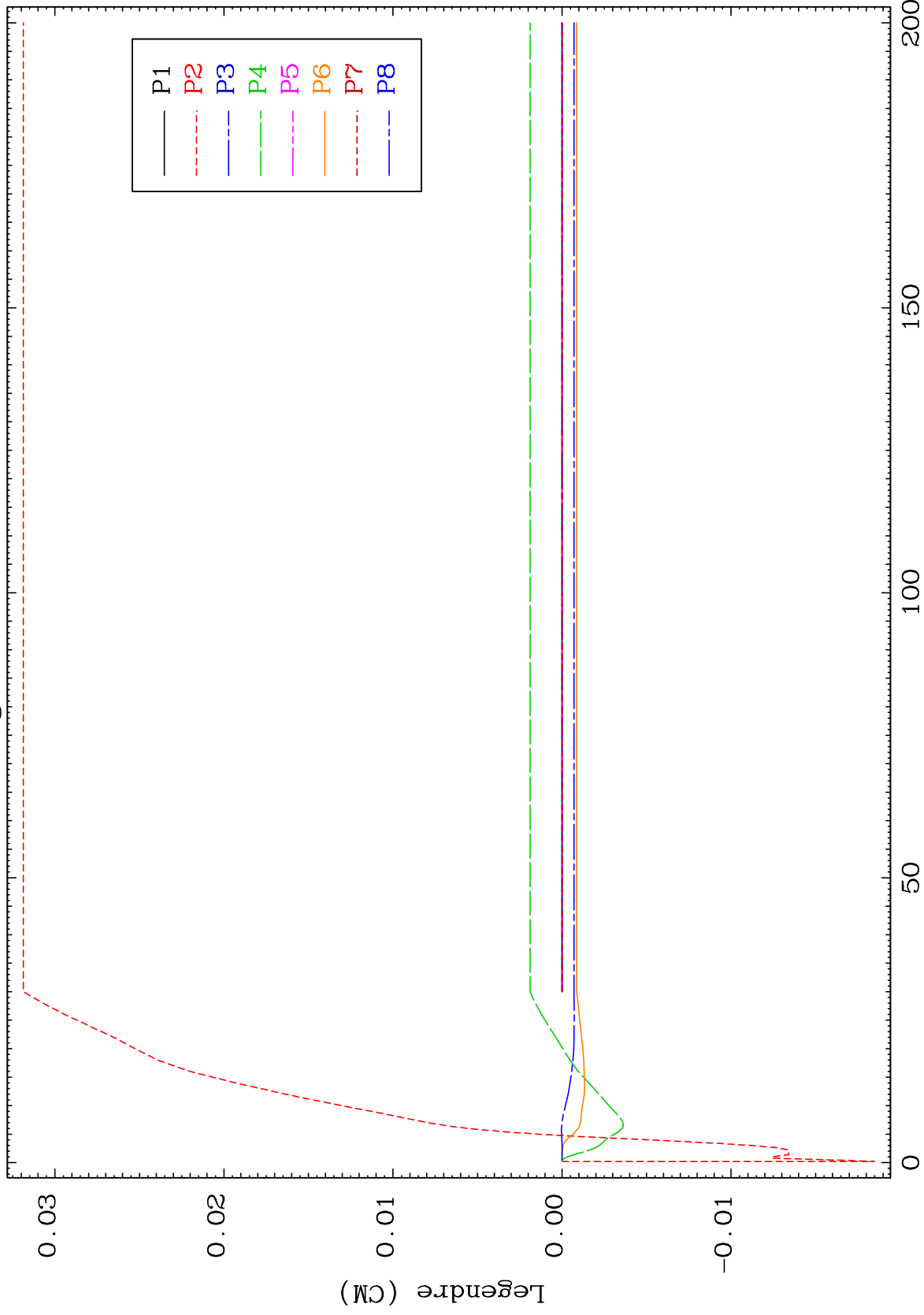
47-Ag-102



MAT 4710

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

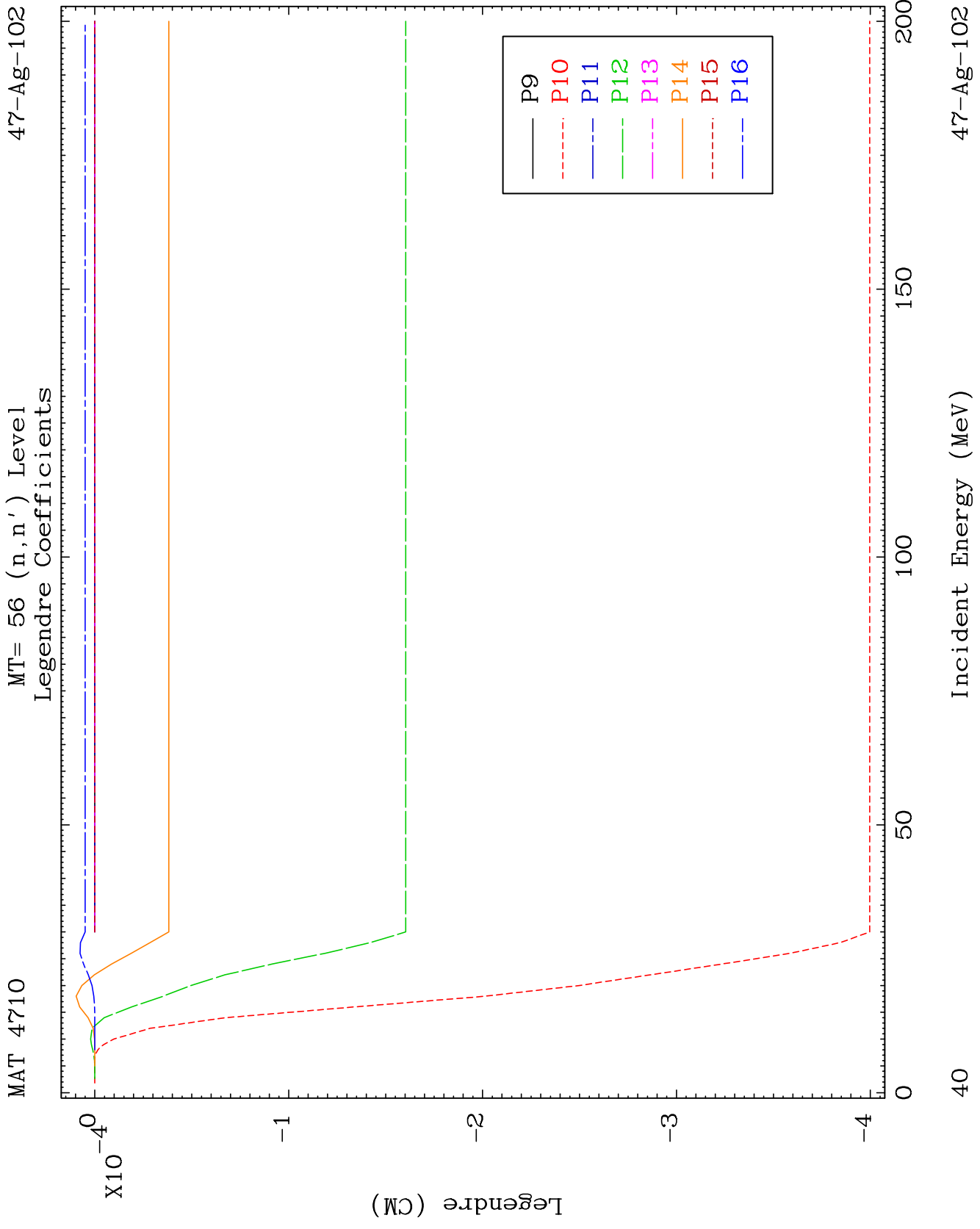
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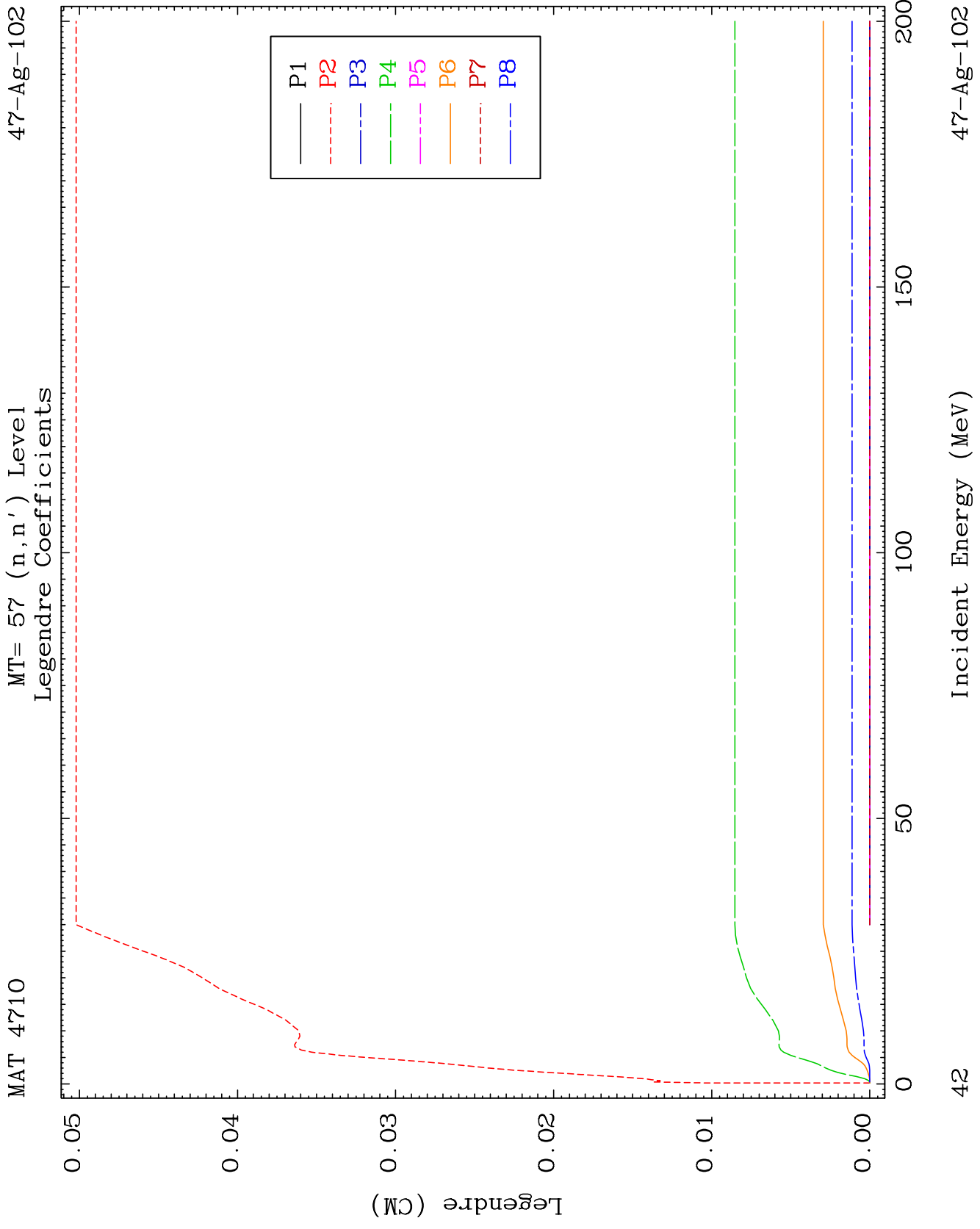


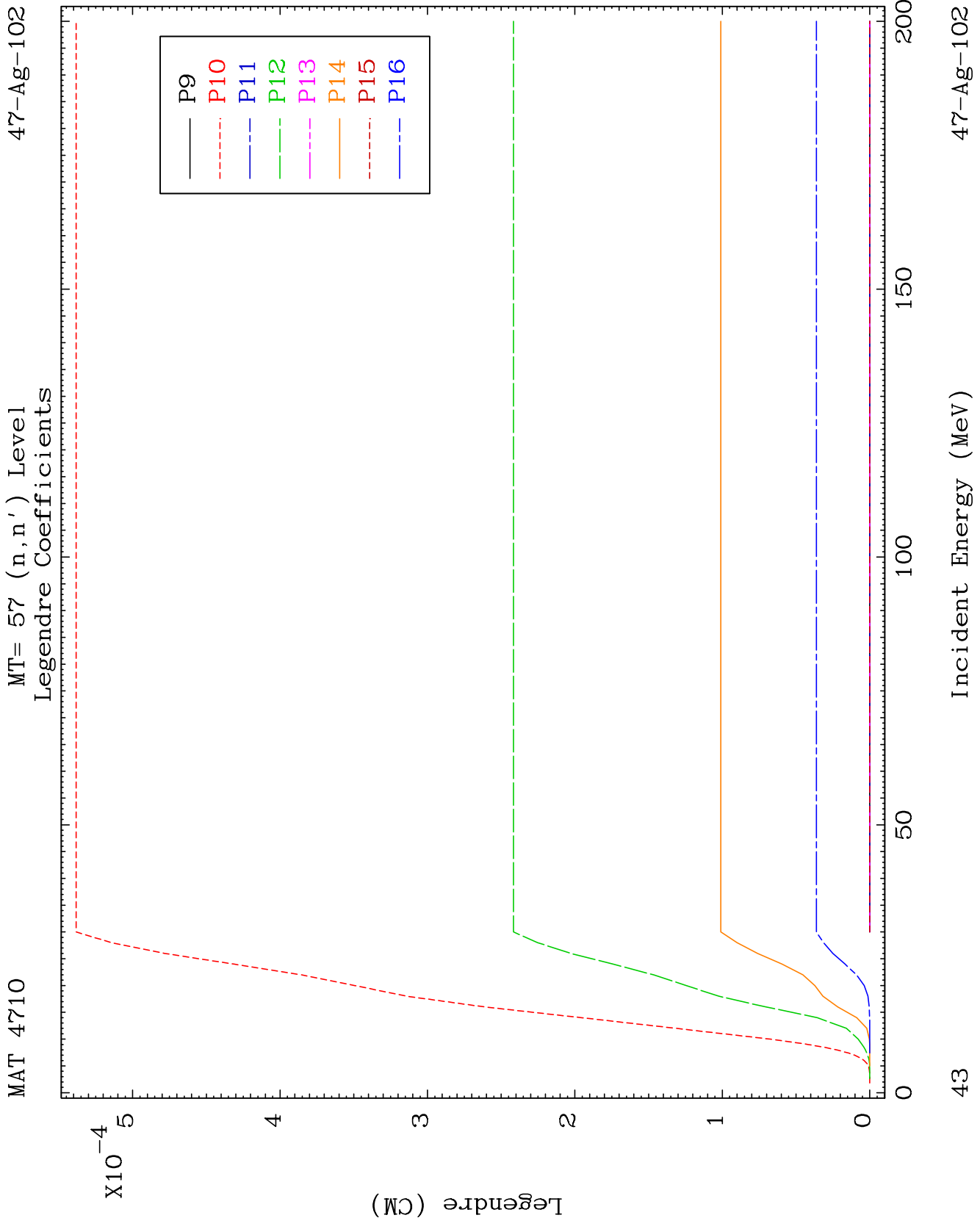
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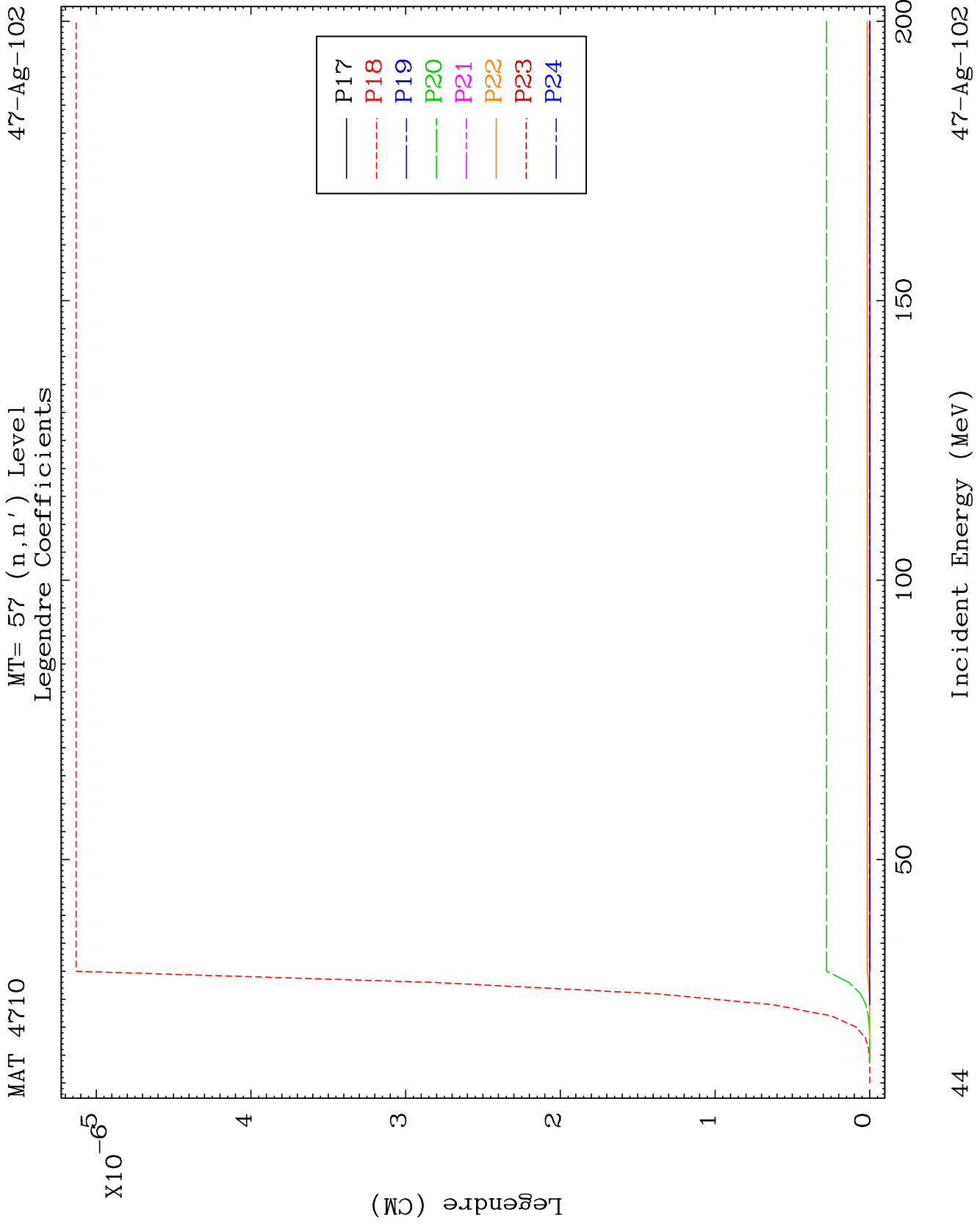
Incident Energy (MeV)

47-Ag-102





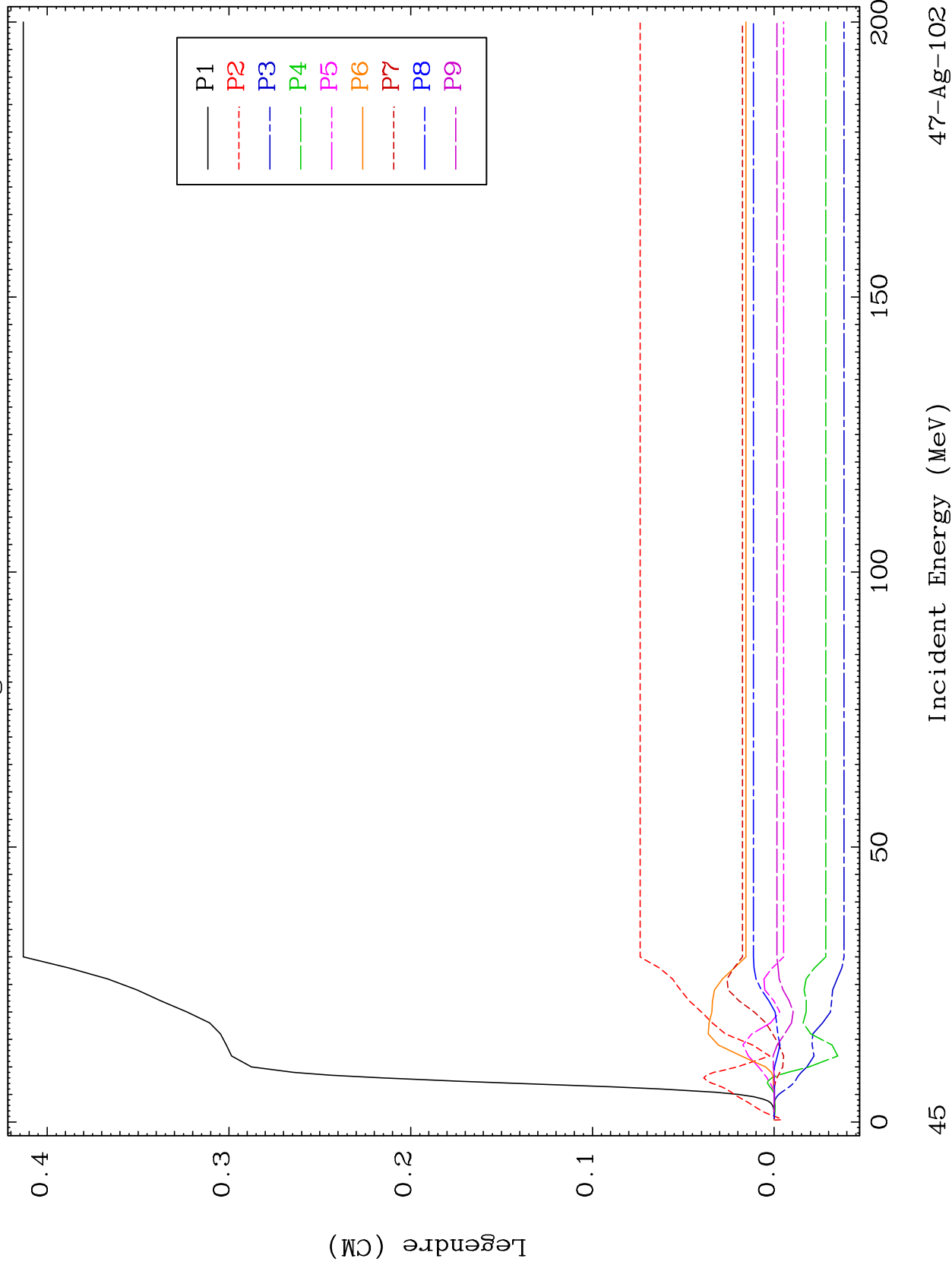




MAT 4710

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

47-Ag-102



47-Ag-102

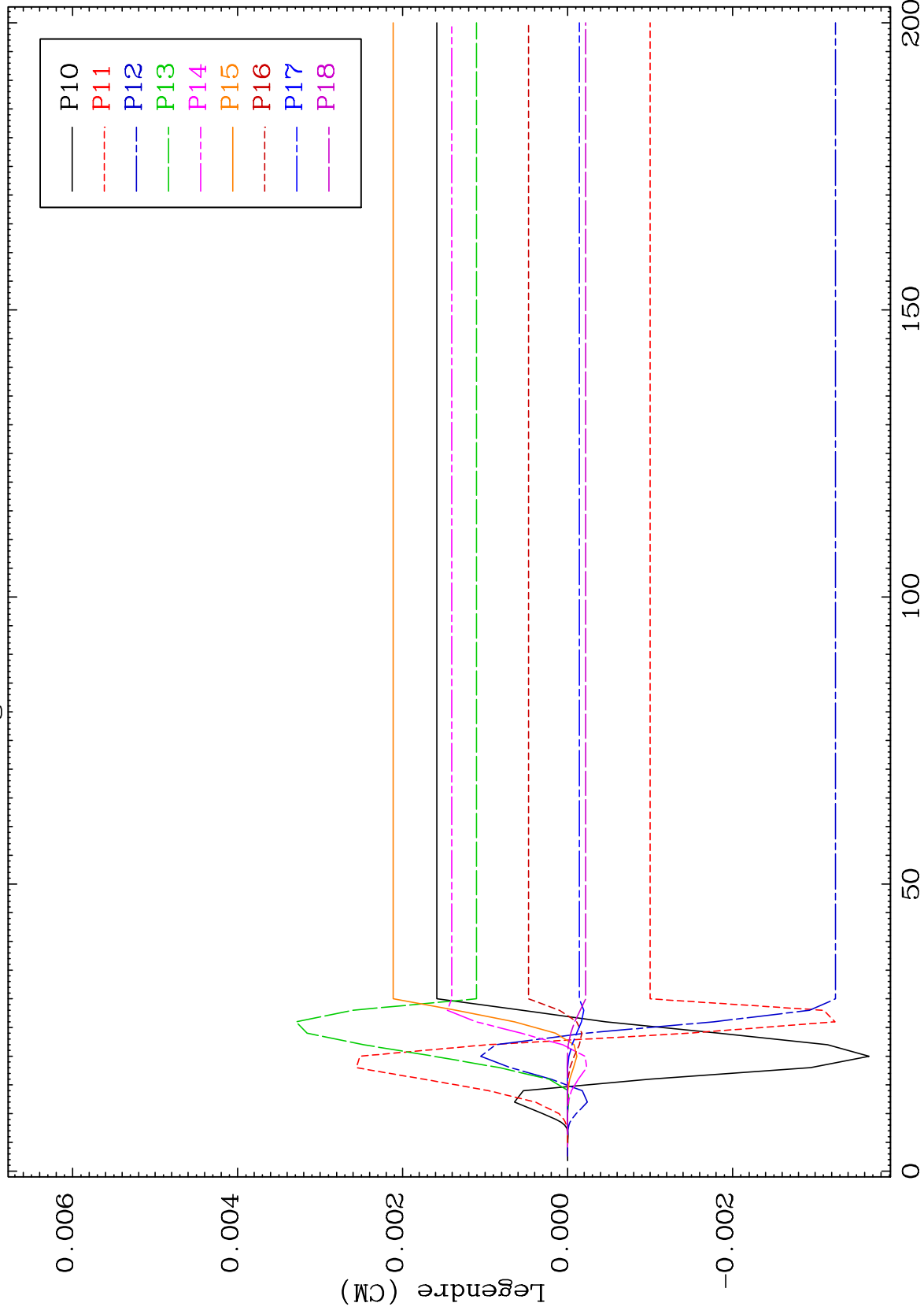
Incident Energy (MeV)

45

MAT 4710

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

47-Ag-102



46

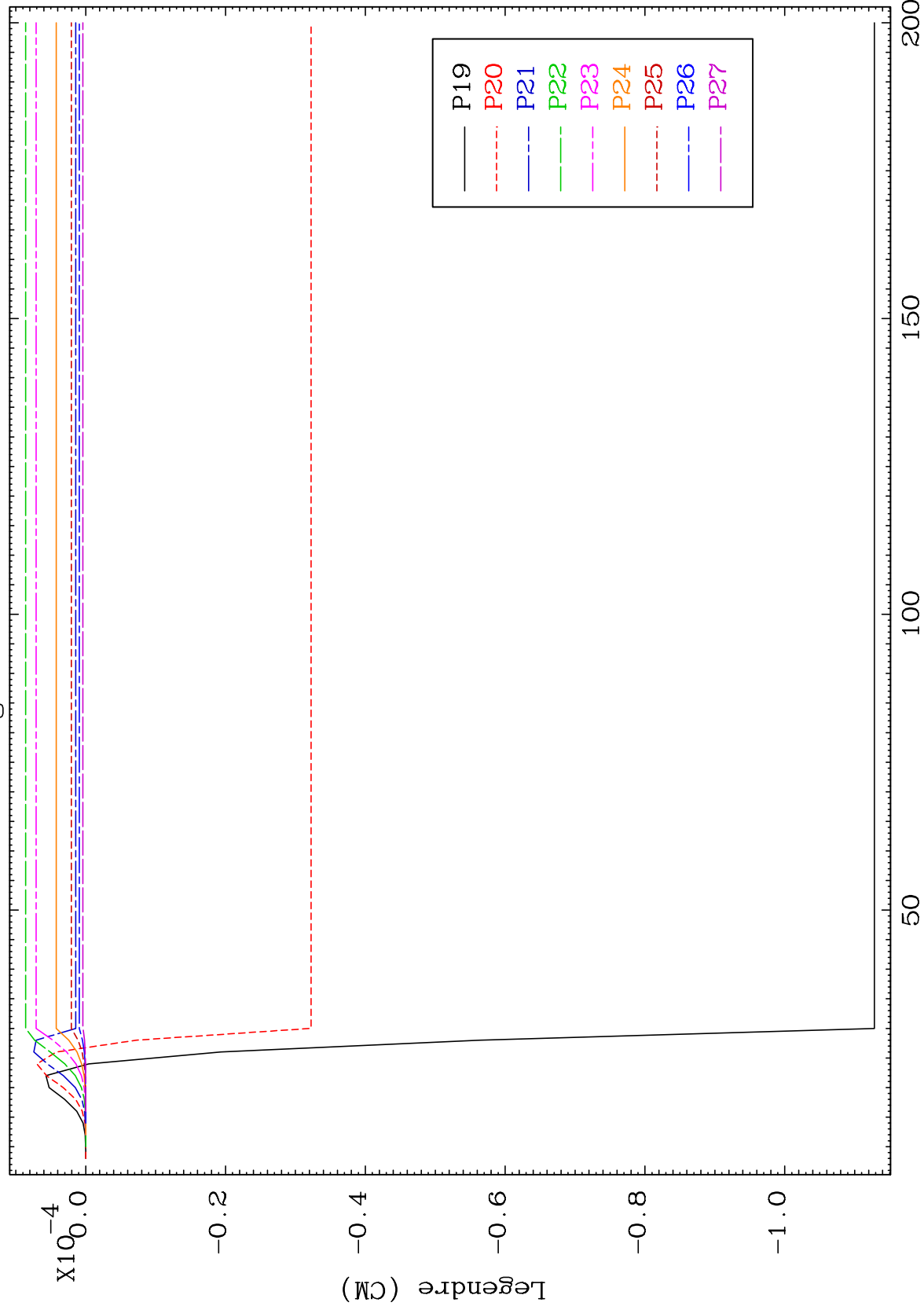
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



47-Ag-102

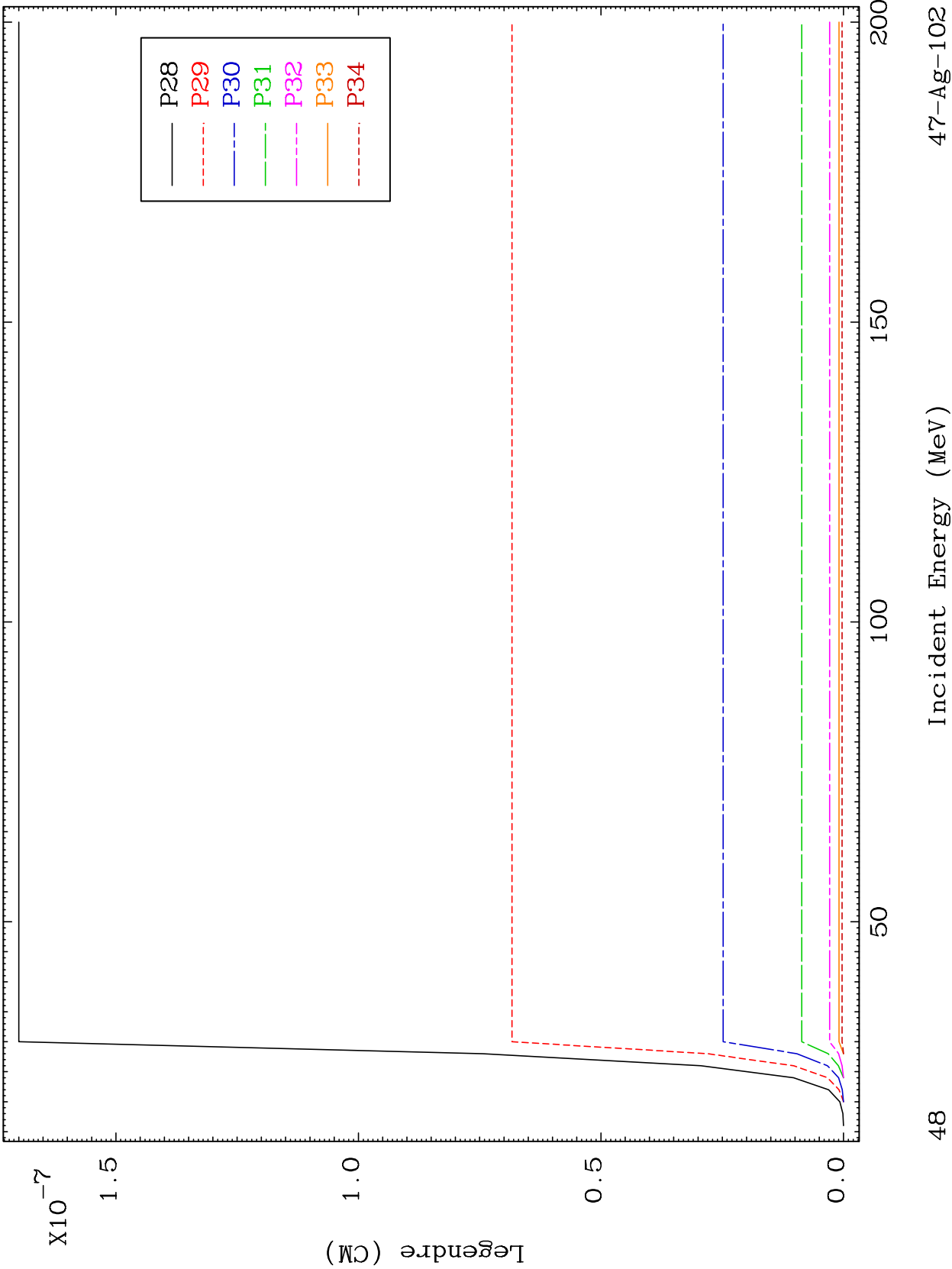
Incident Energy (MeV)

47

MAT 4710

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

47-Ag-102



48

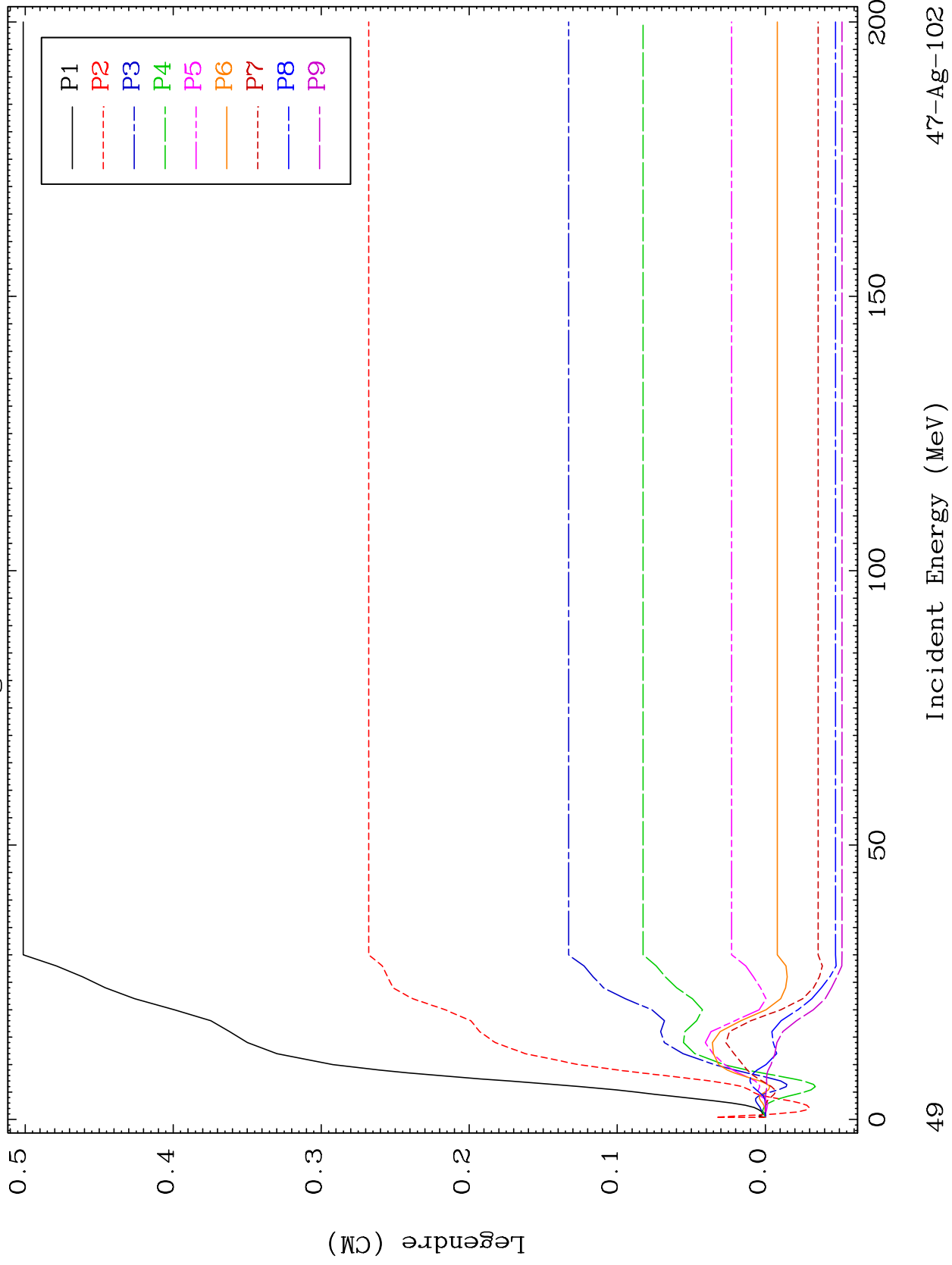
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

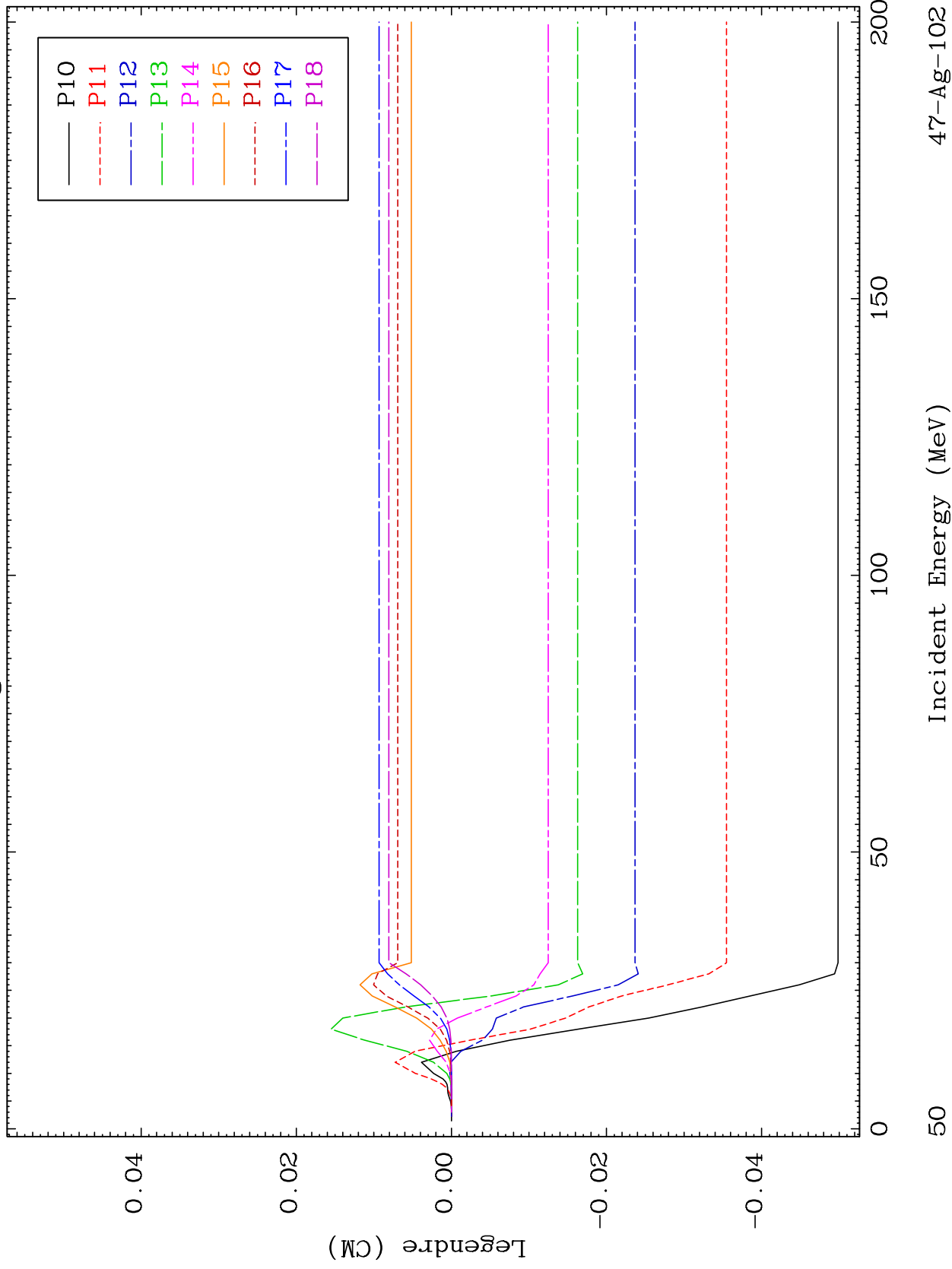
47-Ag-102



MAT 4710

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

47-Ag-102



47-Ag-102

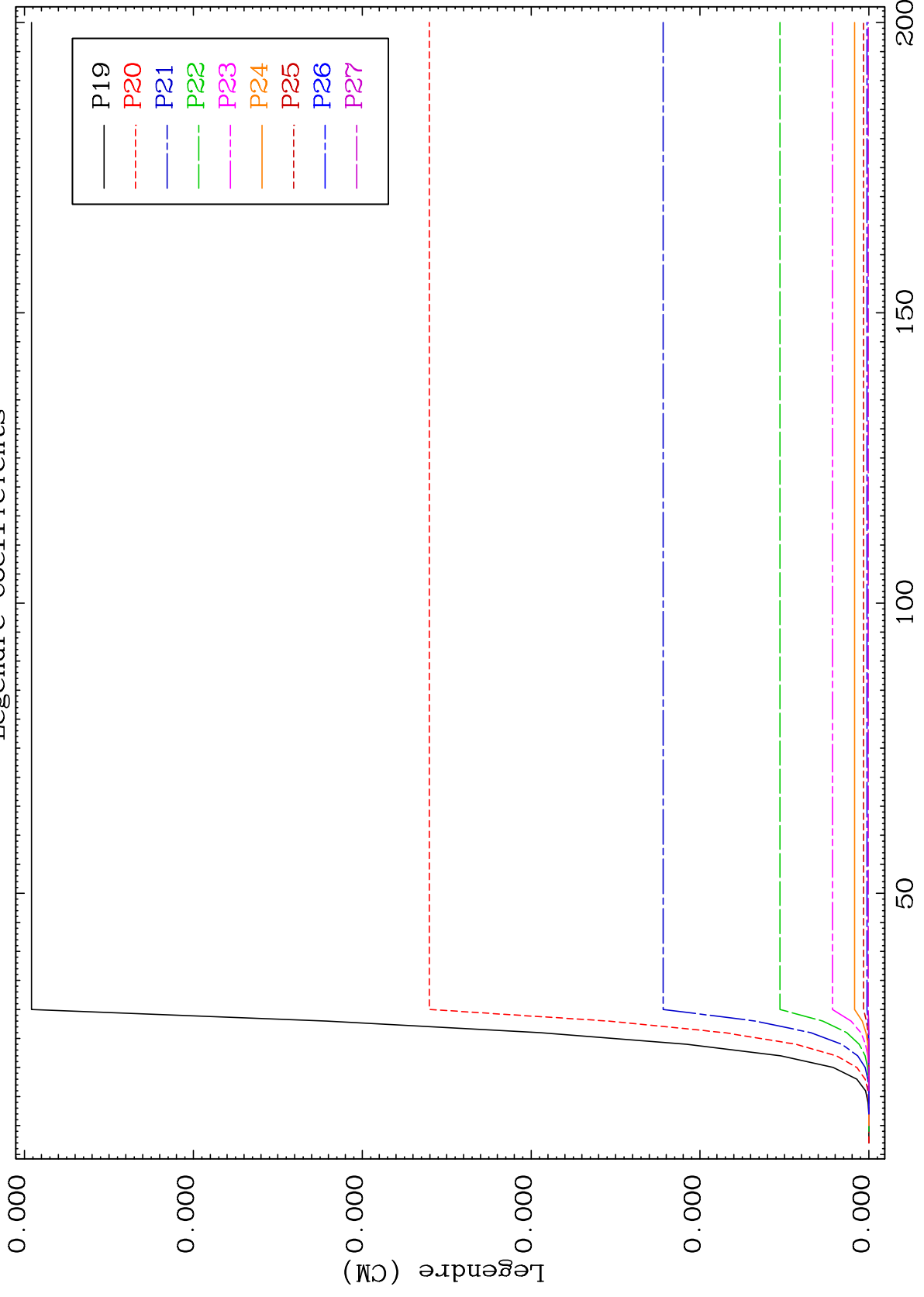
Incident Energy (MeV)

50

MAT 4710

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

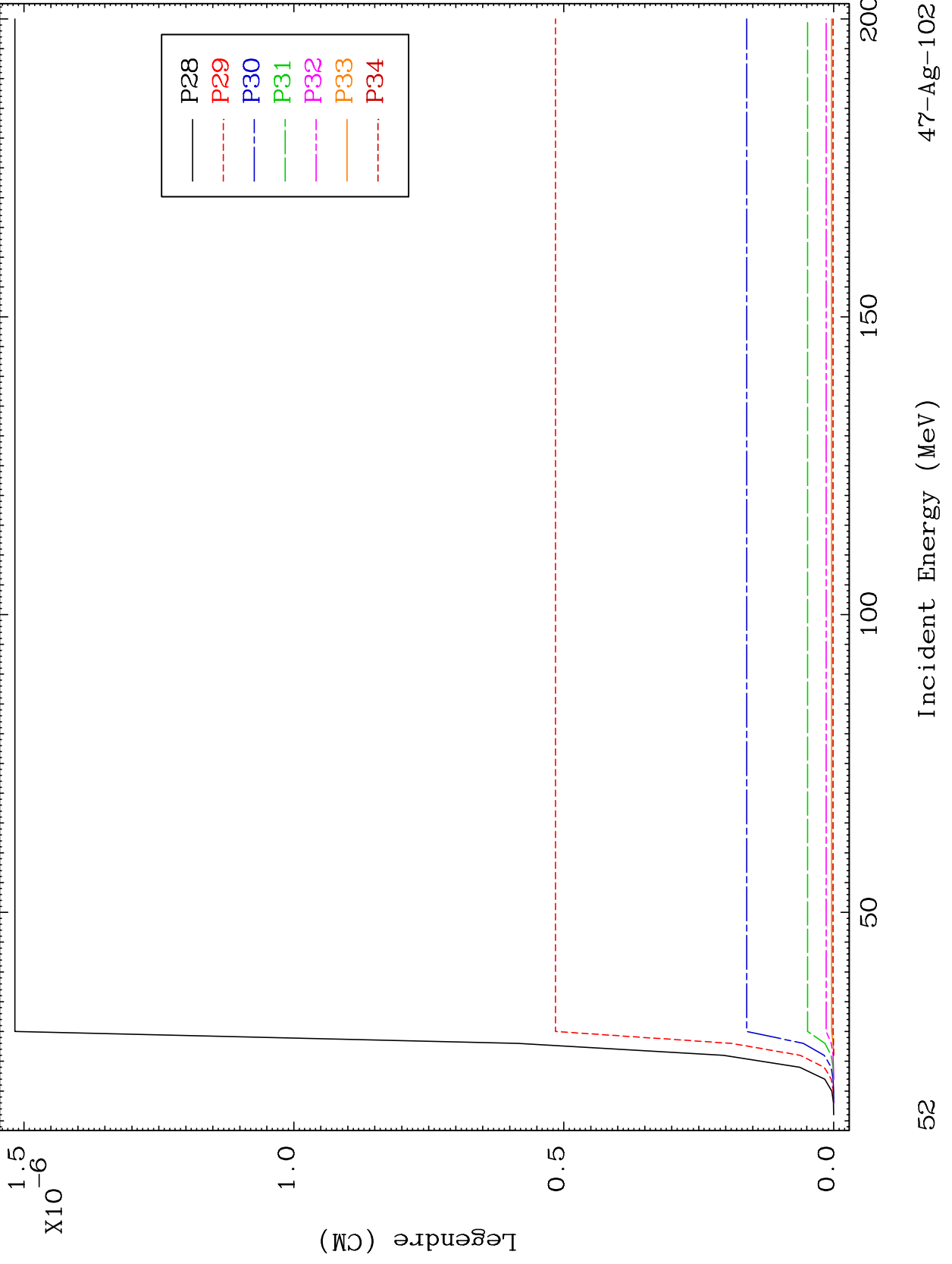
47-Ag-102



MAT 4710

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

47-Ag-102



52

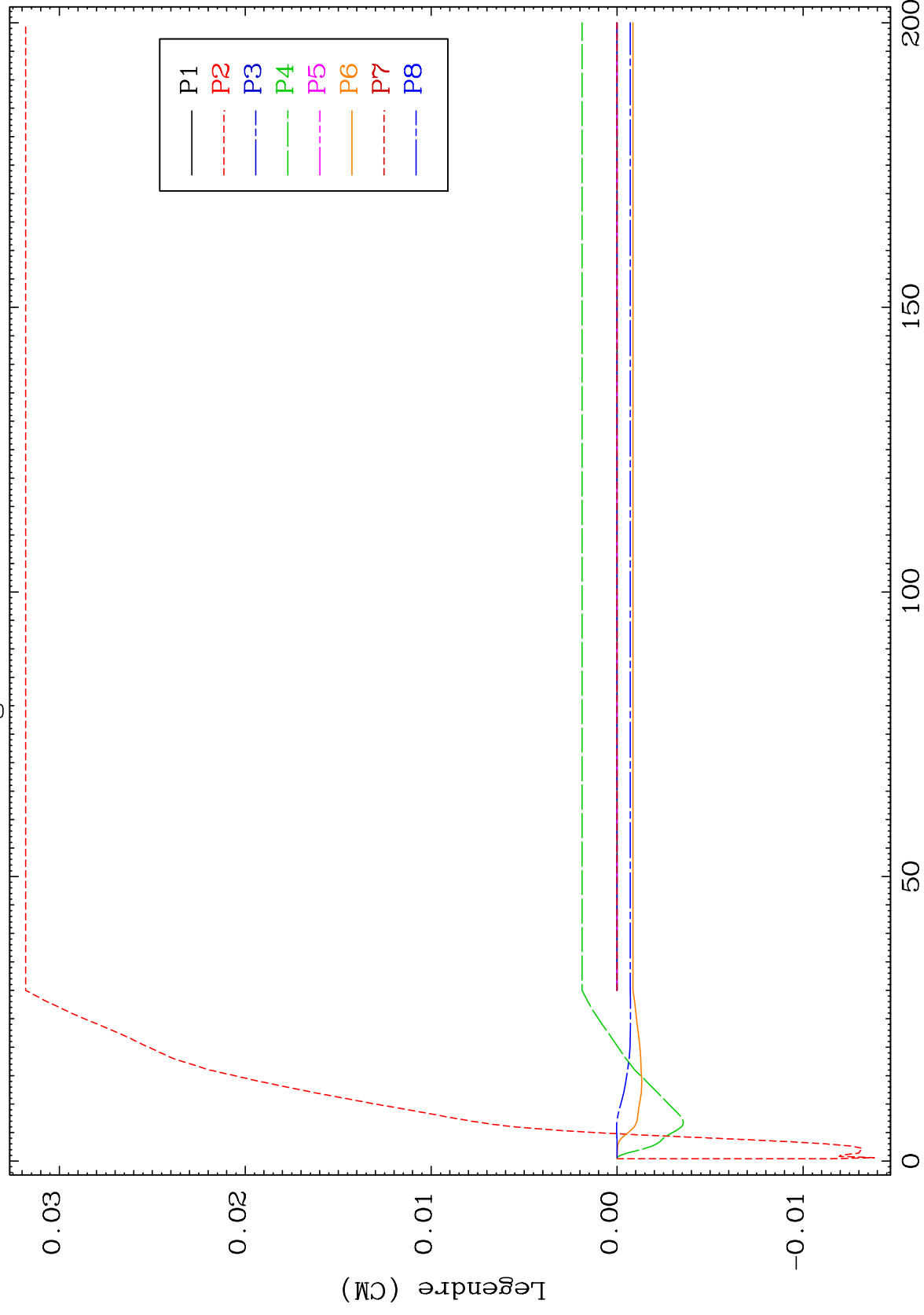
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

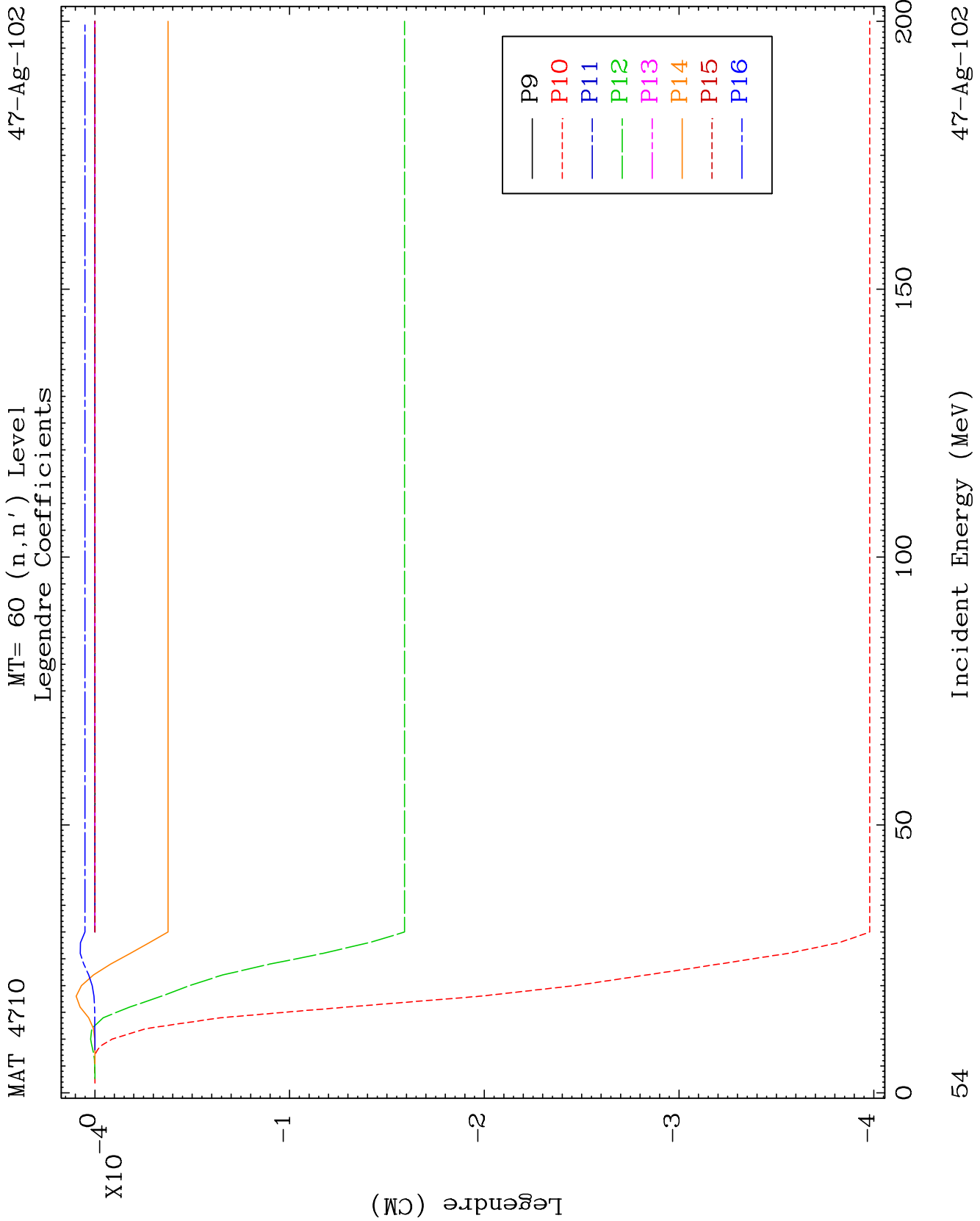
47-Ag-102

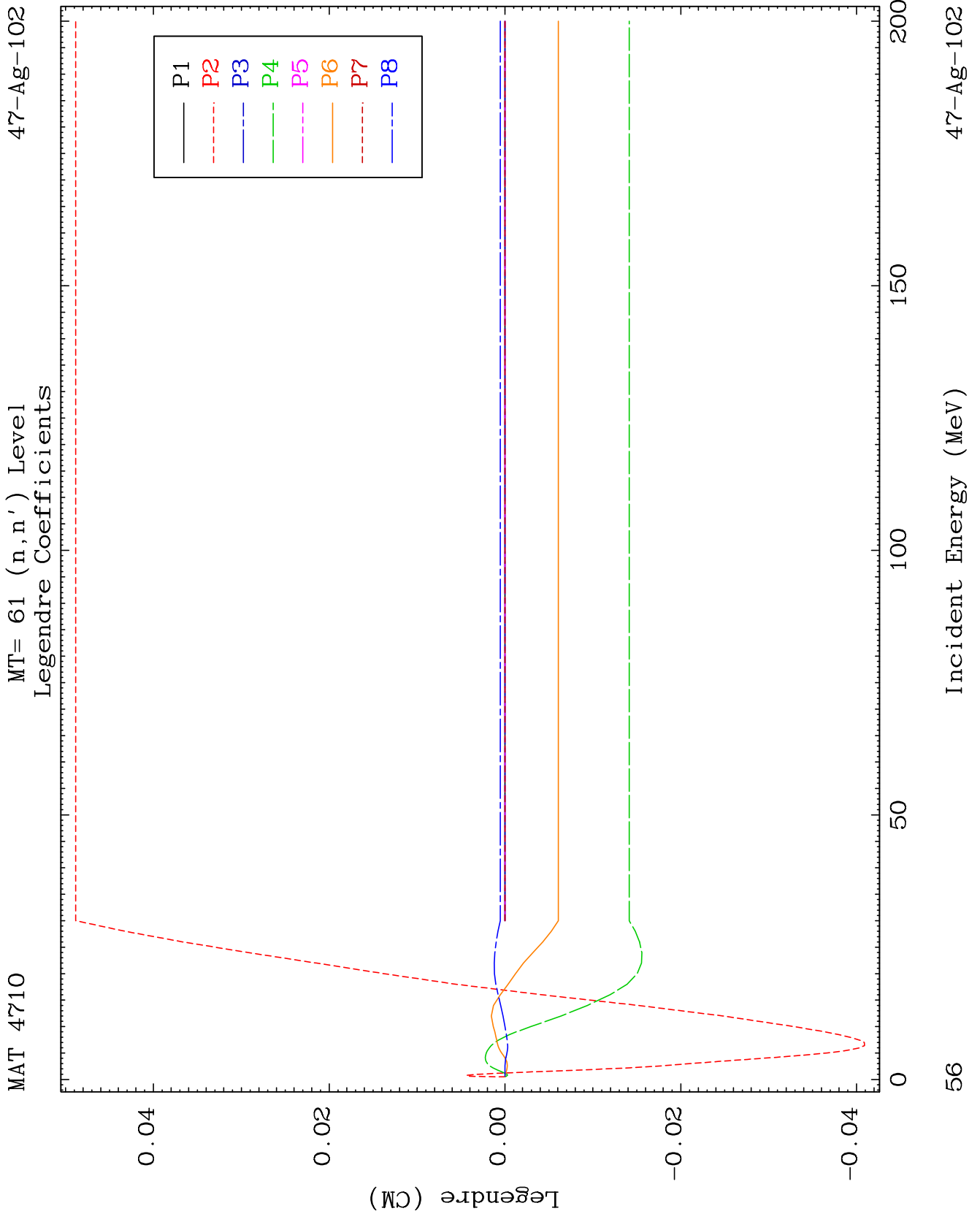


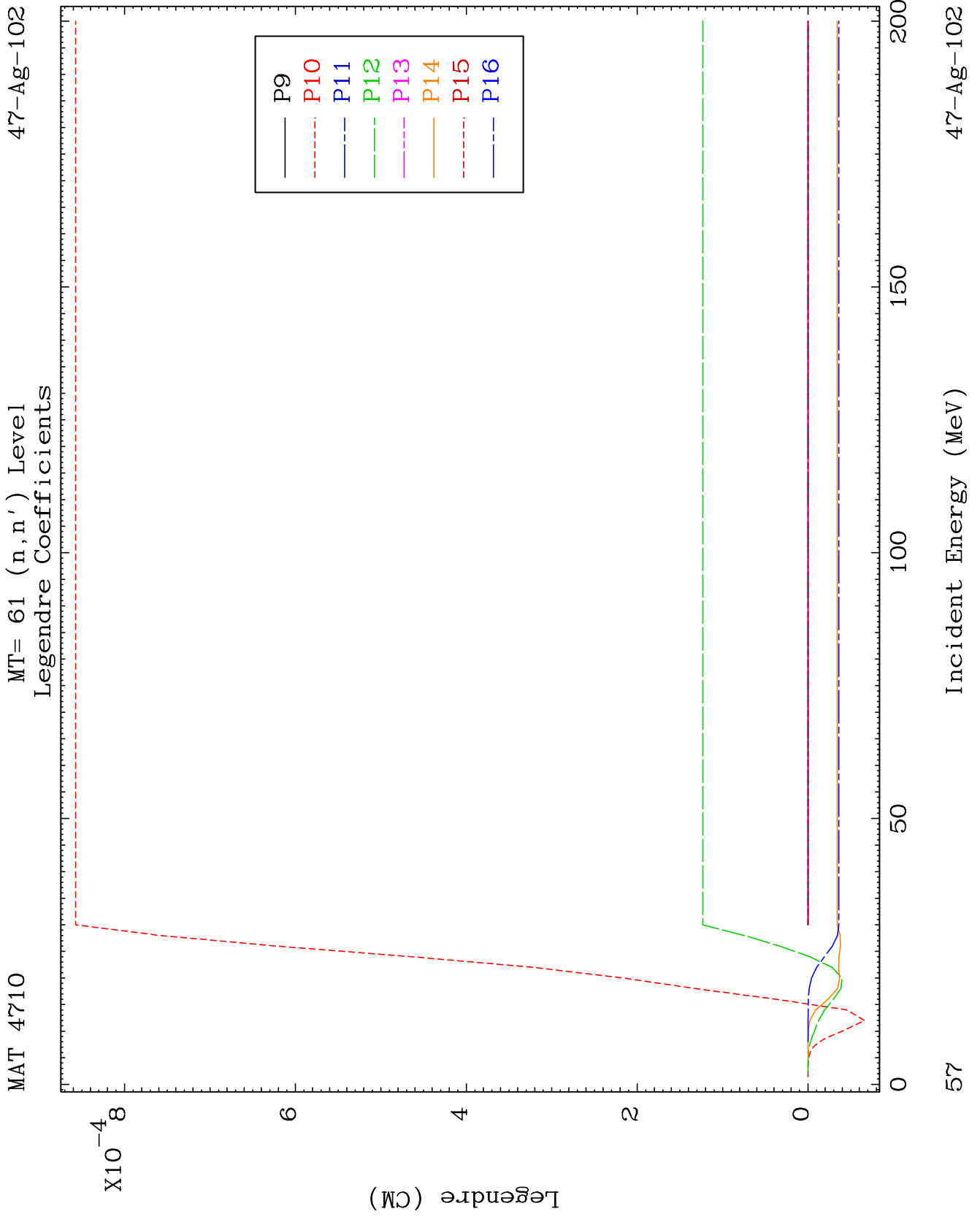
53

Incident Energy (MeV)

47-Ag-102



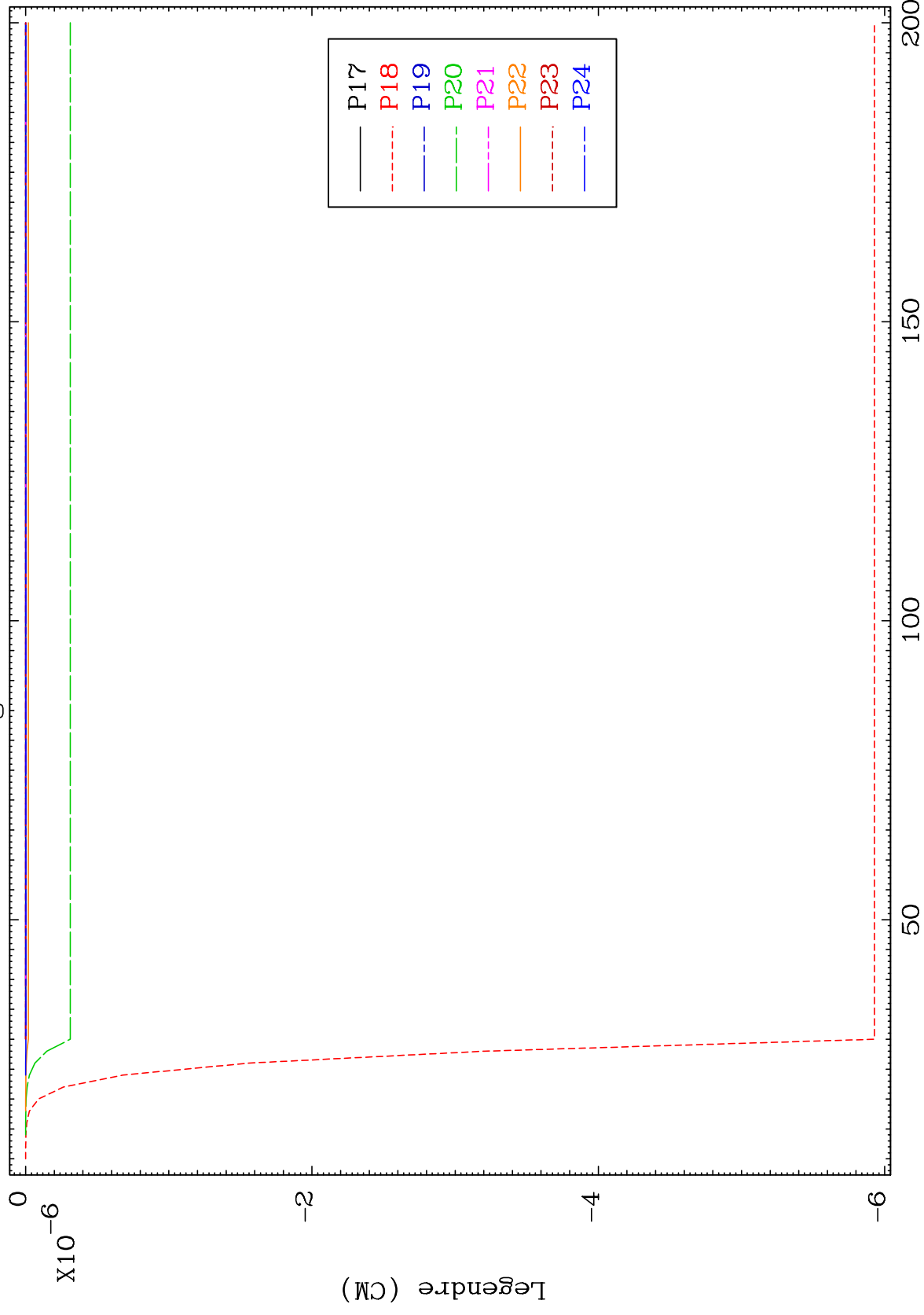




MAT 4710

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

47-Ag-102



58

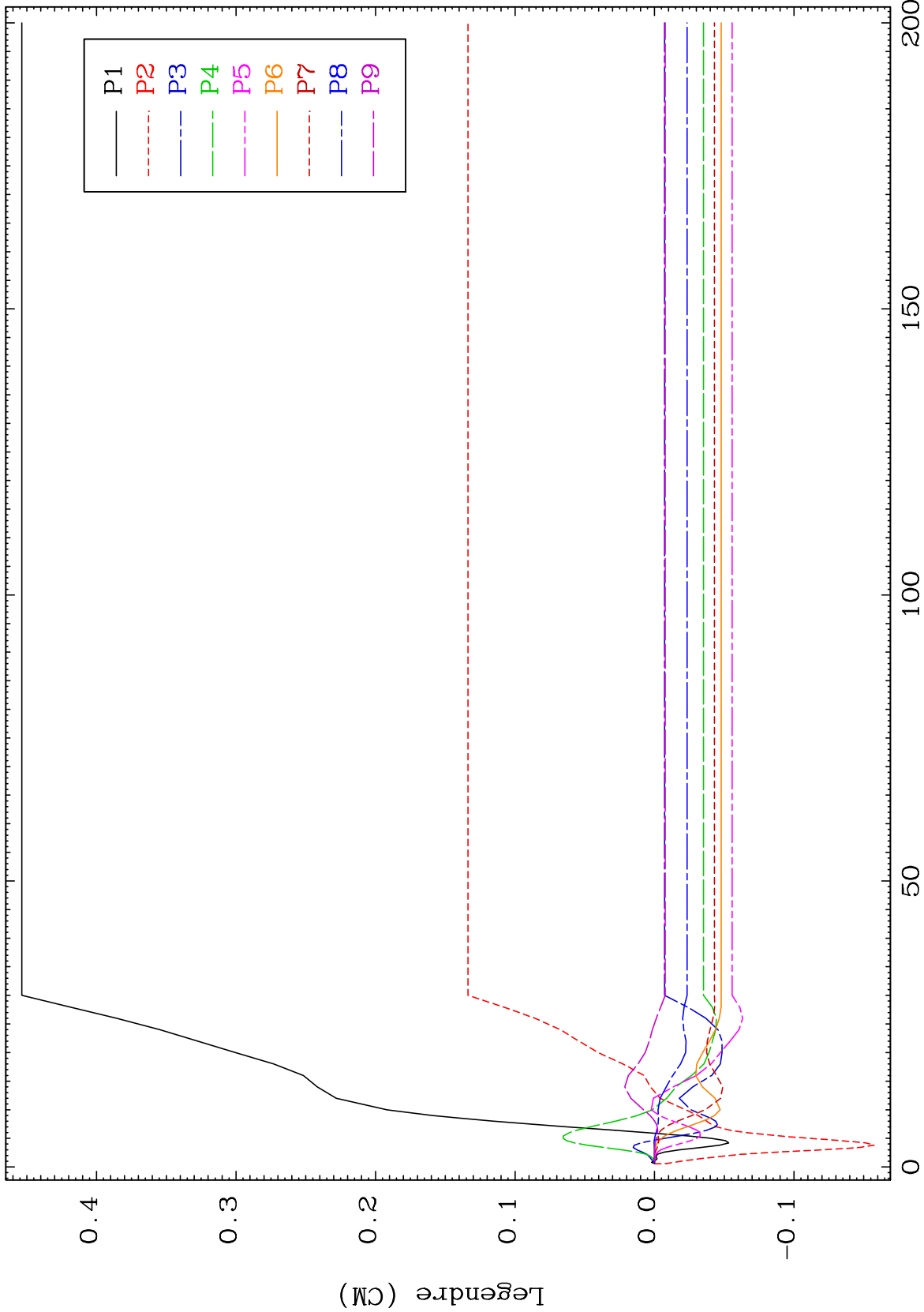
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



59

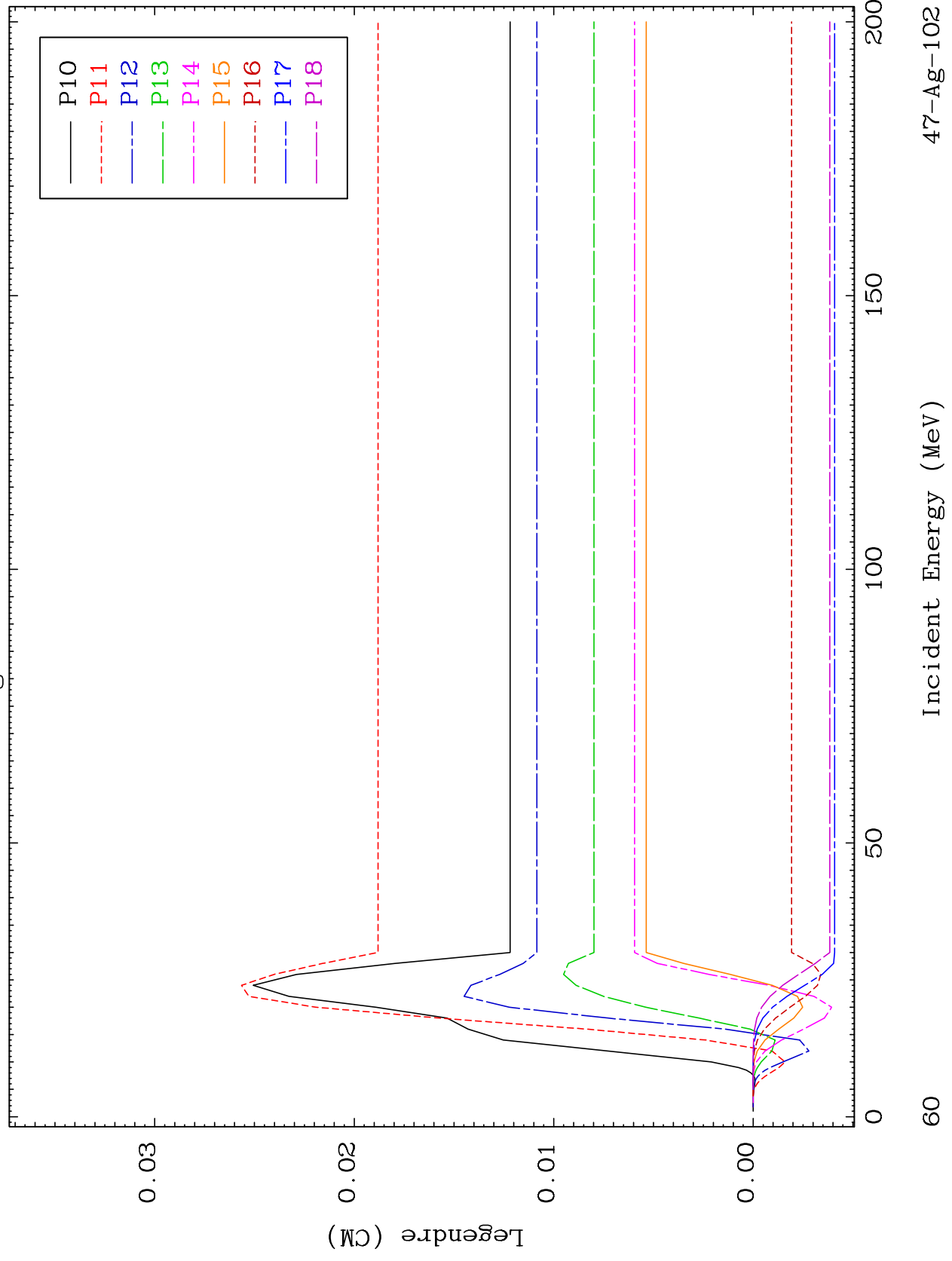
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

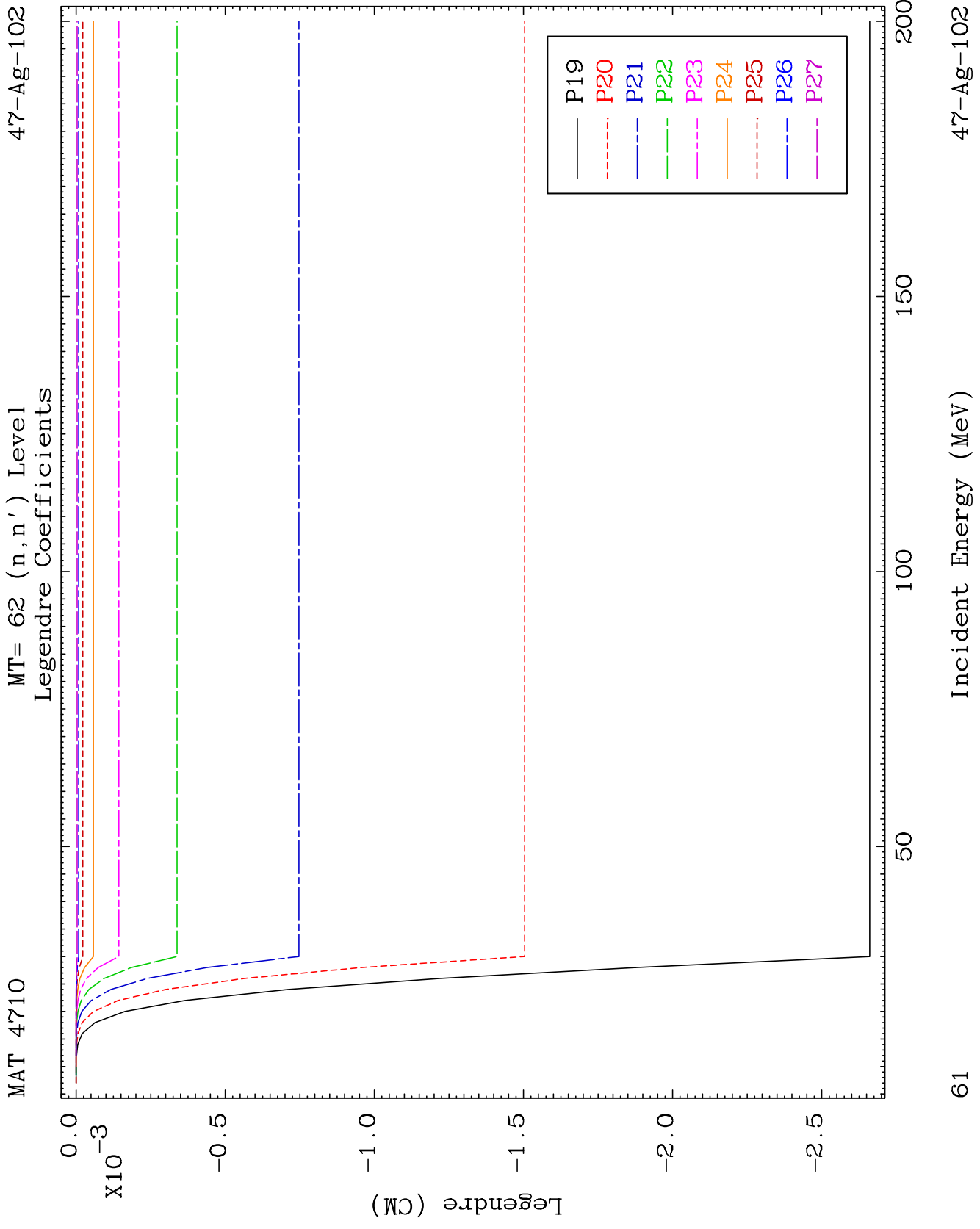
47-Ag-102

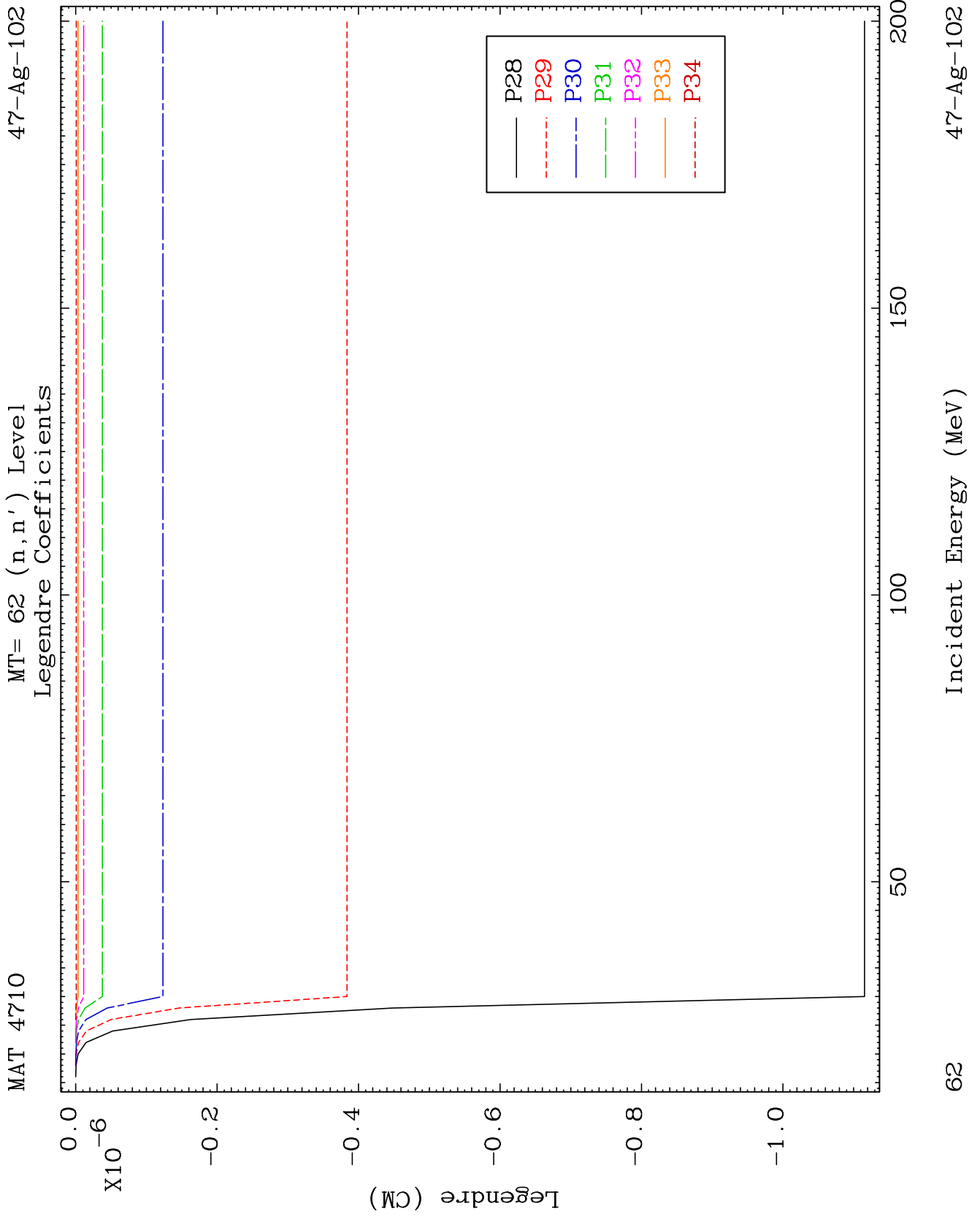


47-Ag-102

Incident Energy (MeV)

60

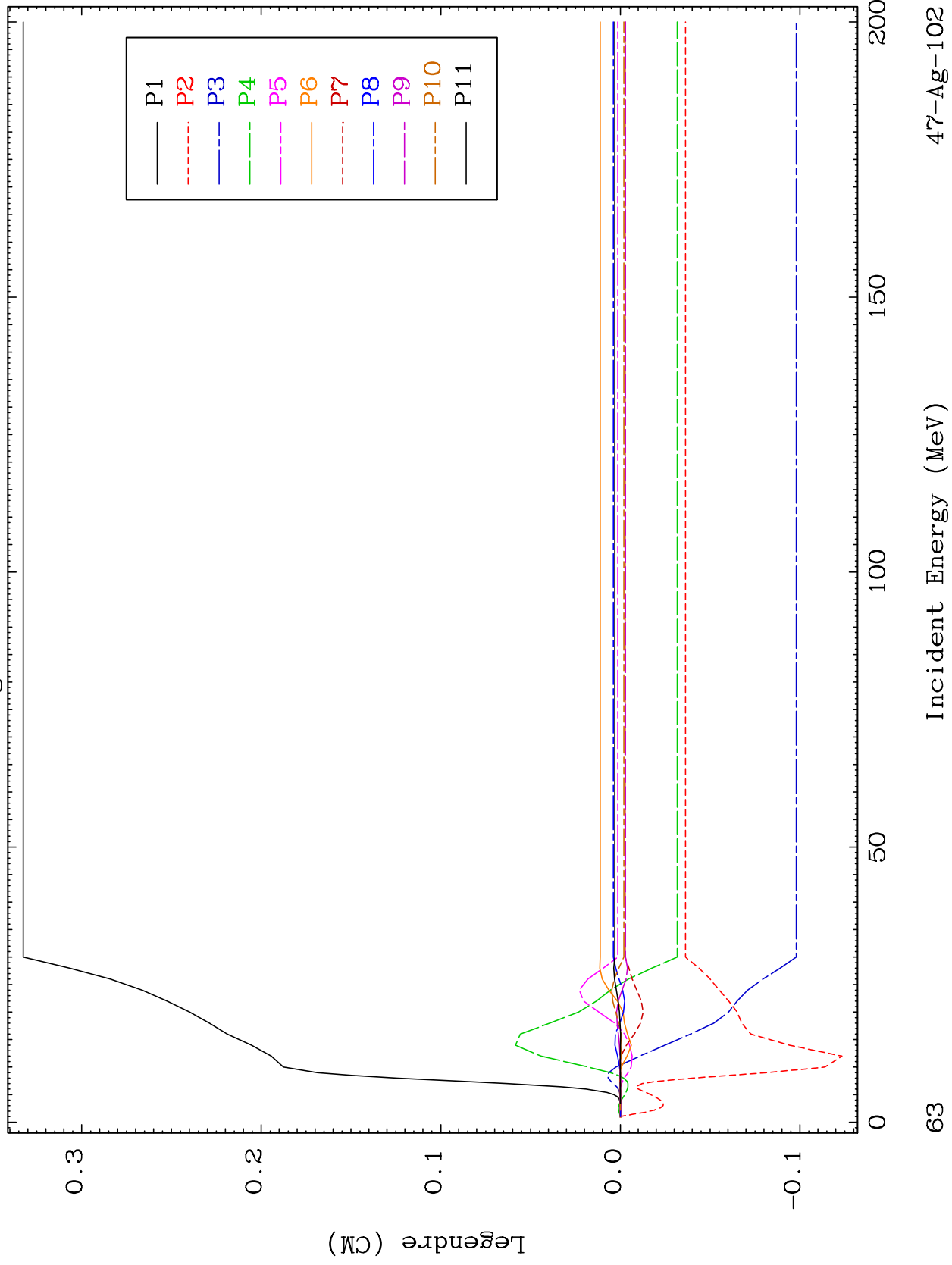




MAT 4710

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

47-Ag-102



47-Ag-102

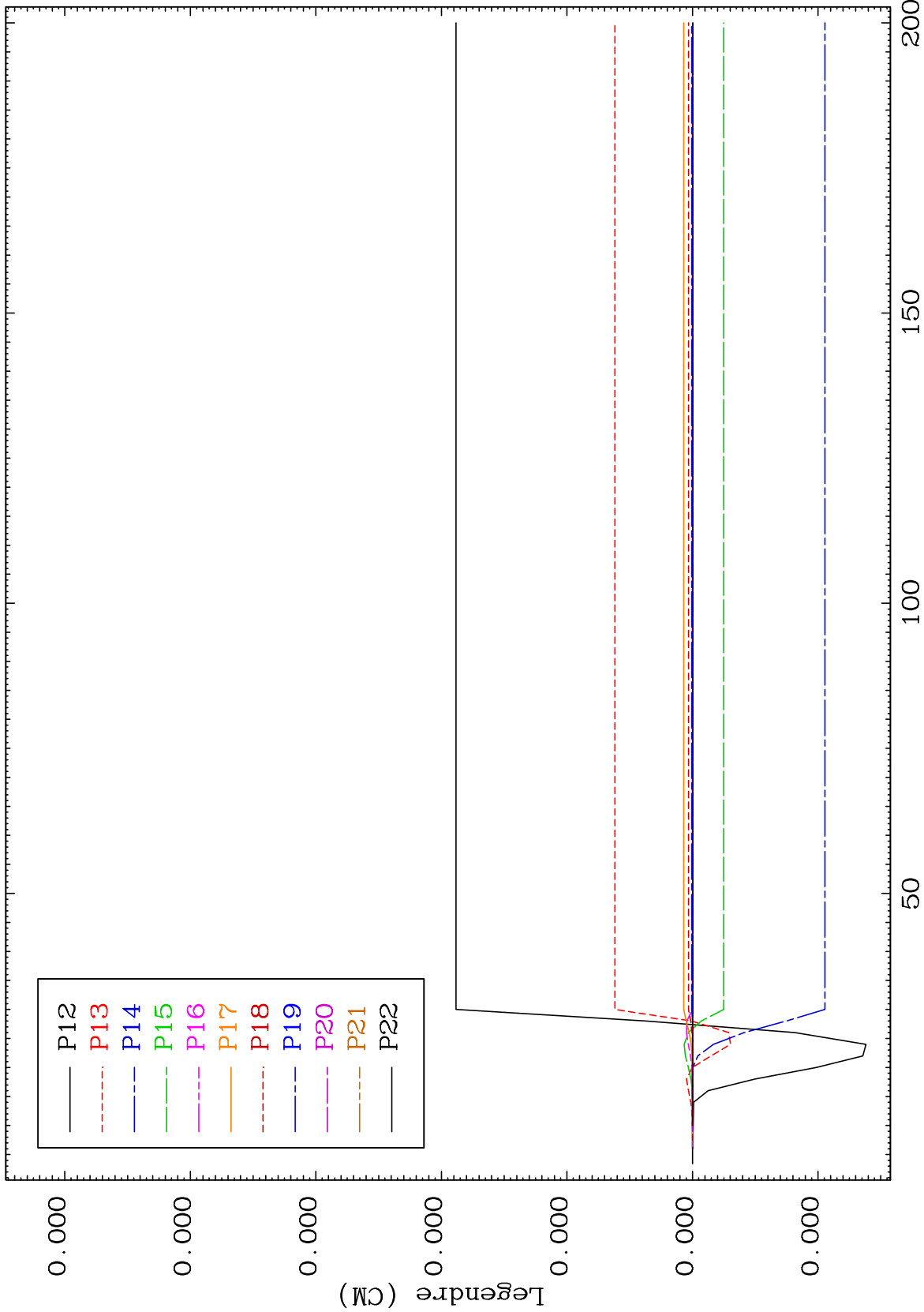
Incident Energy (MeV)

63

MAT 4710

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

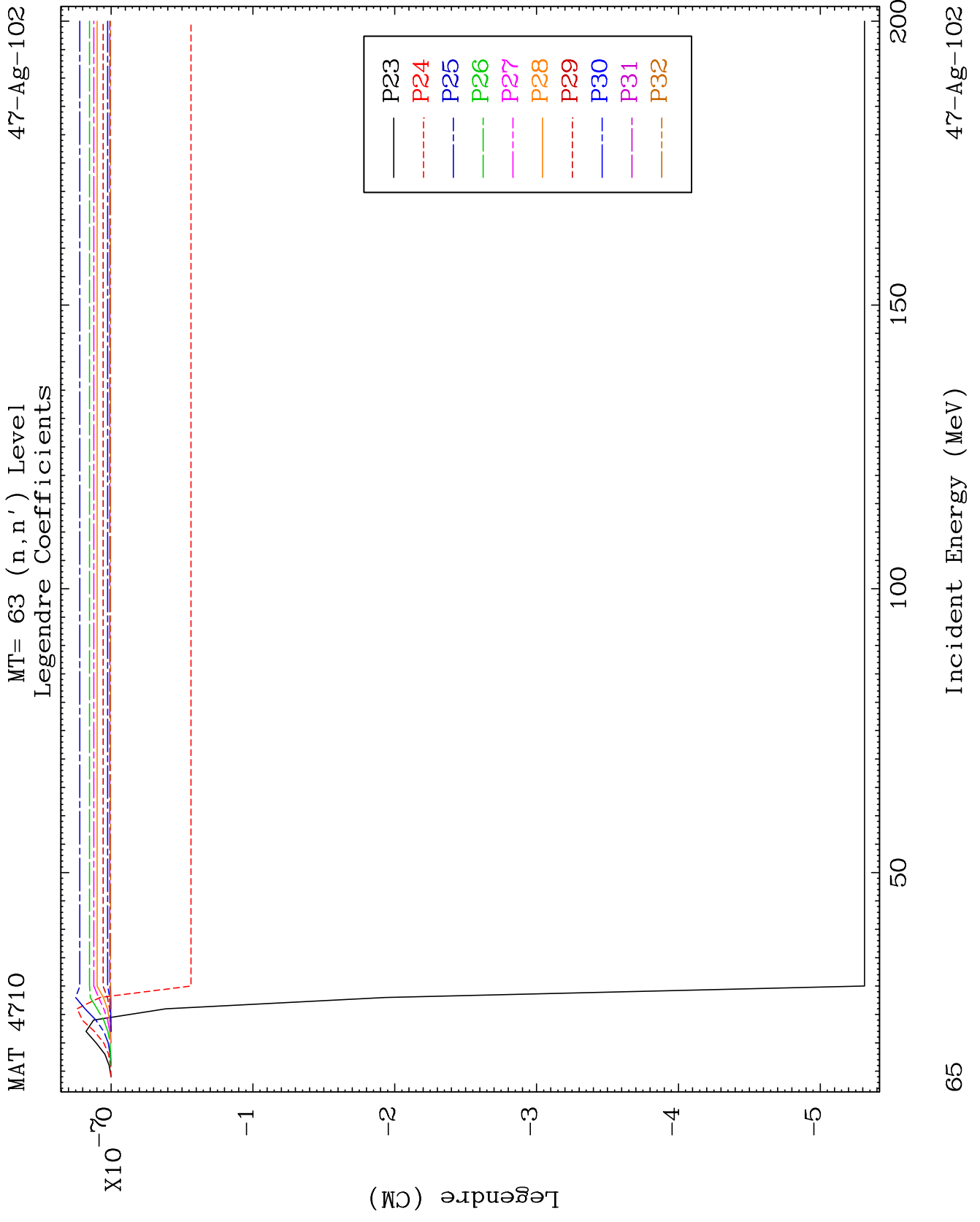
47-Ag-102



64

Incident Energy (MeV)

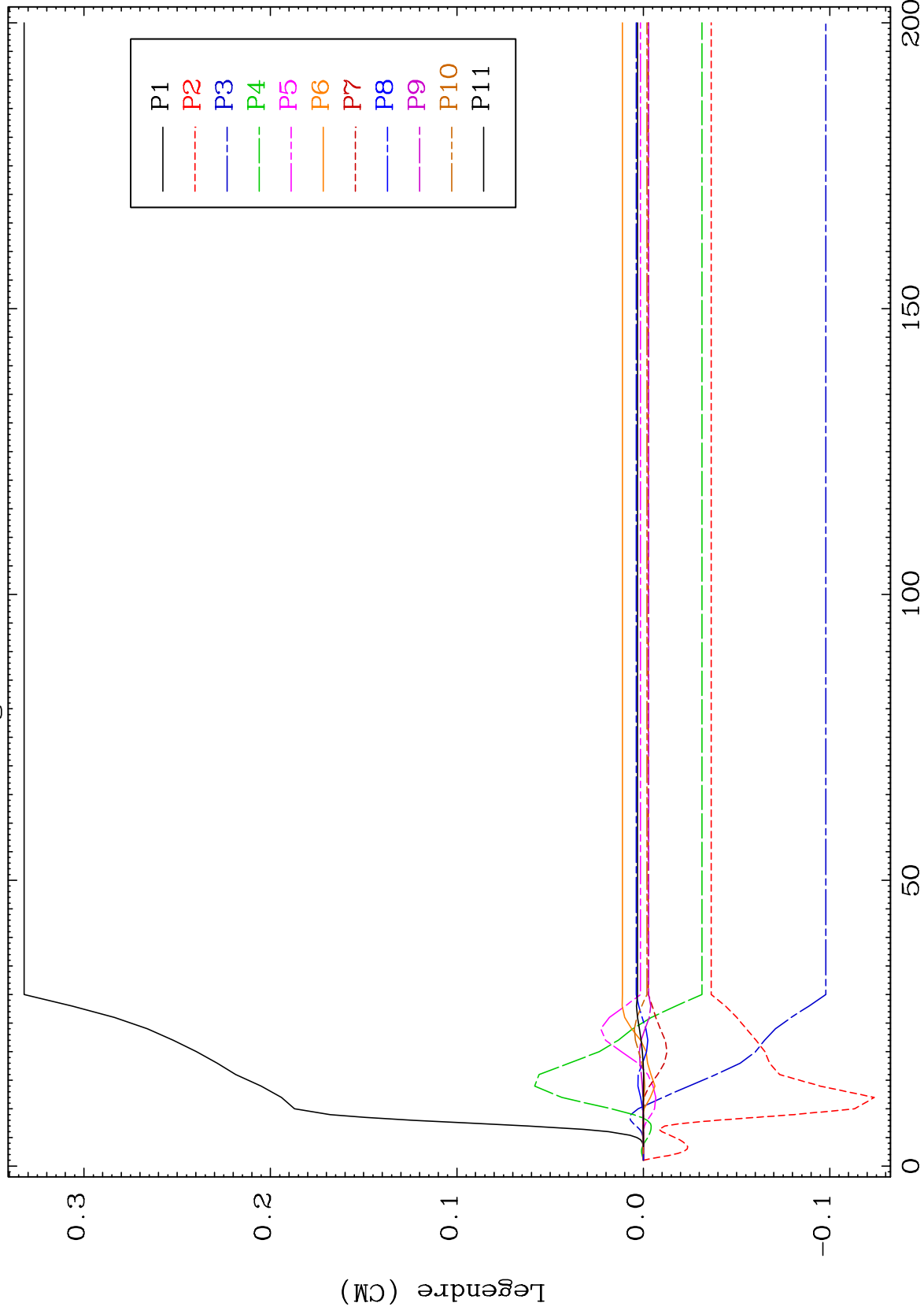
47-Ag-102



MAT 4710

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

47-Ag-102



66

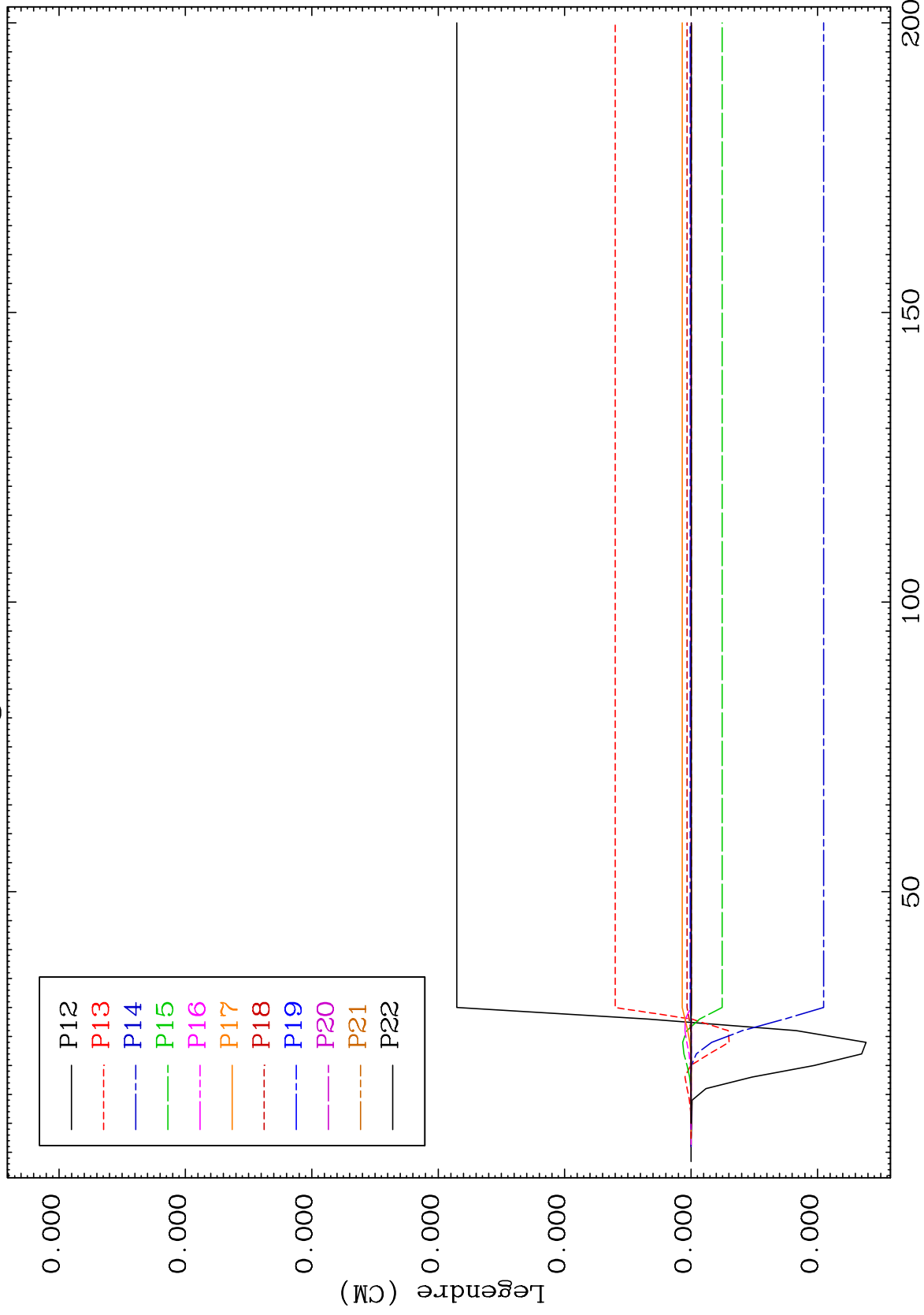
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



67

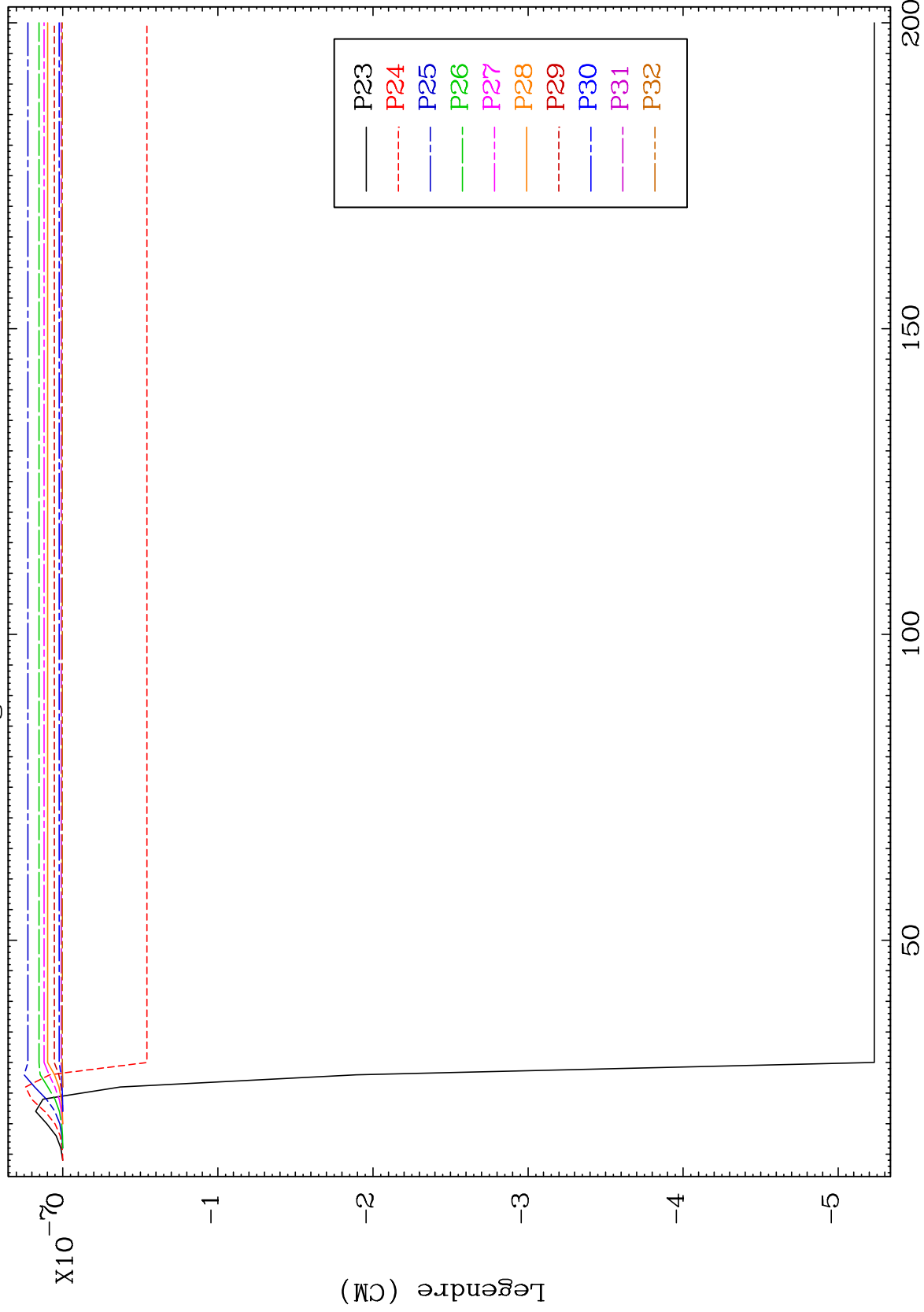
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



68

Incident Energy (MeV)

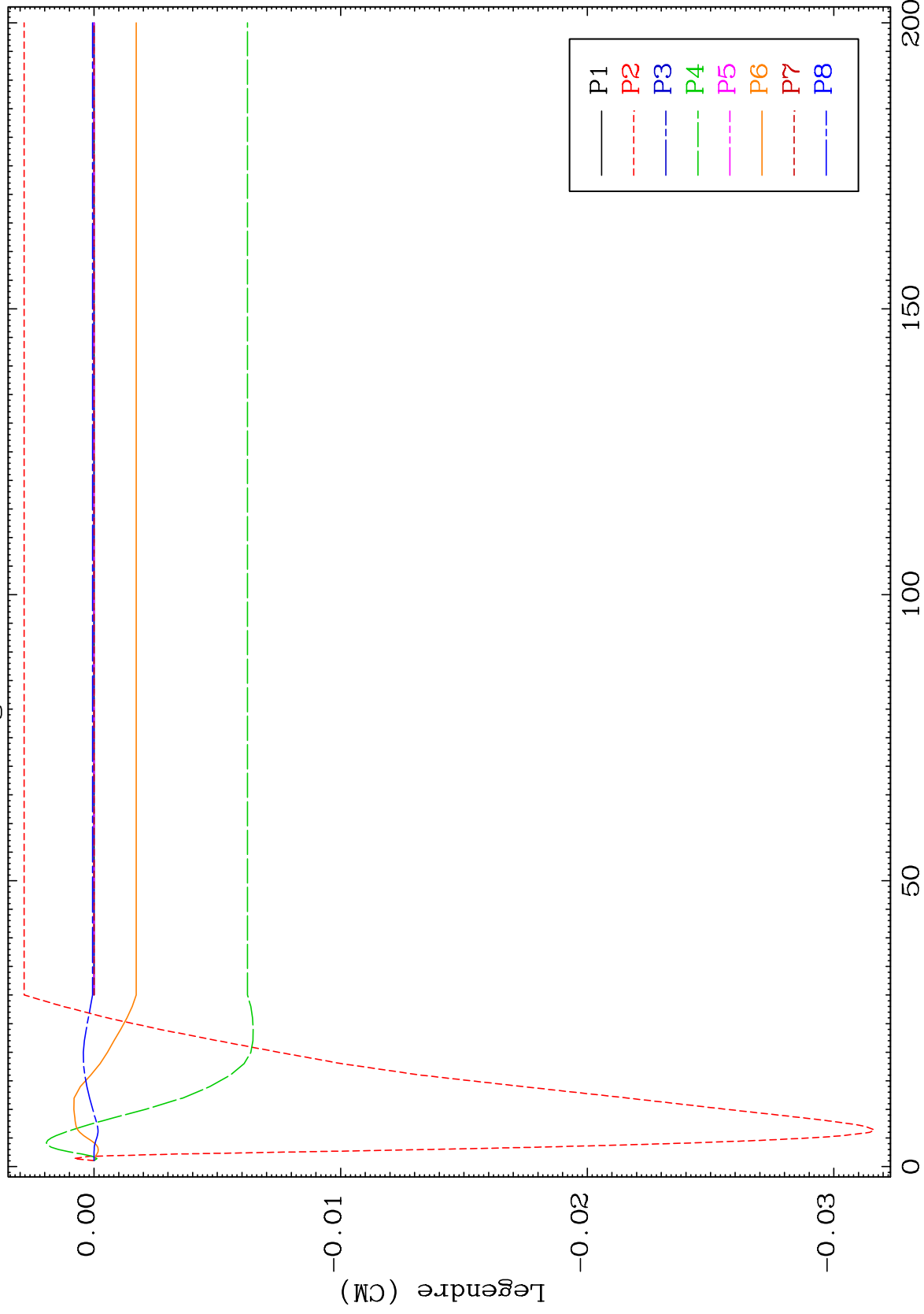
47-Ag-102

MAT 4710

MT= 65 (n,n') Level

47-Ag-102

Legendre Coefficients



69

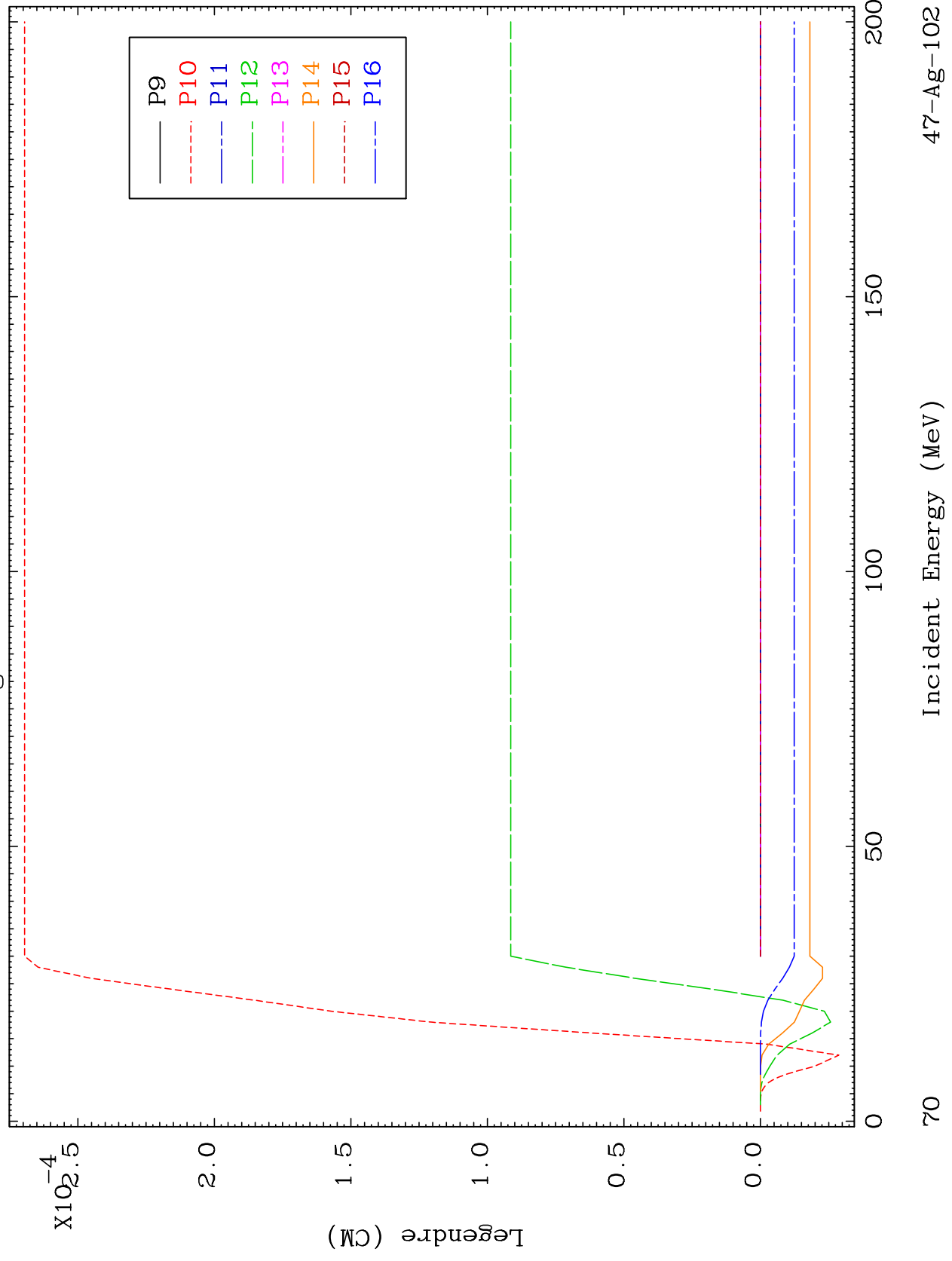
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102

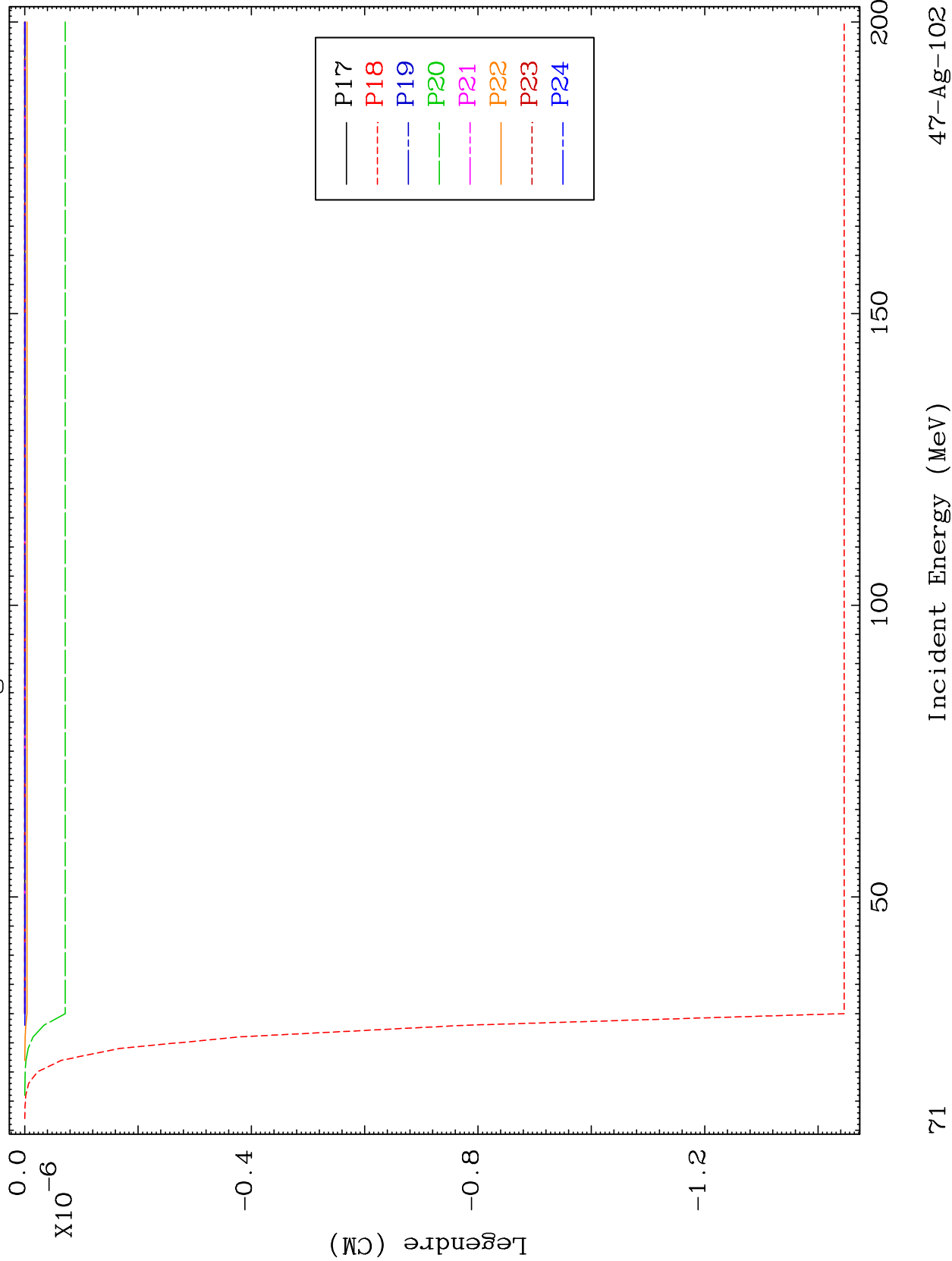


47-Ag-102

MAT 4710

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

47-Ag-102



71

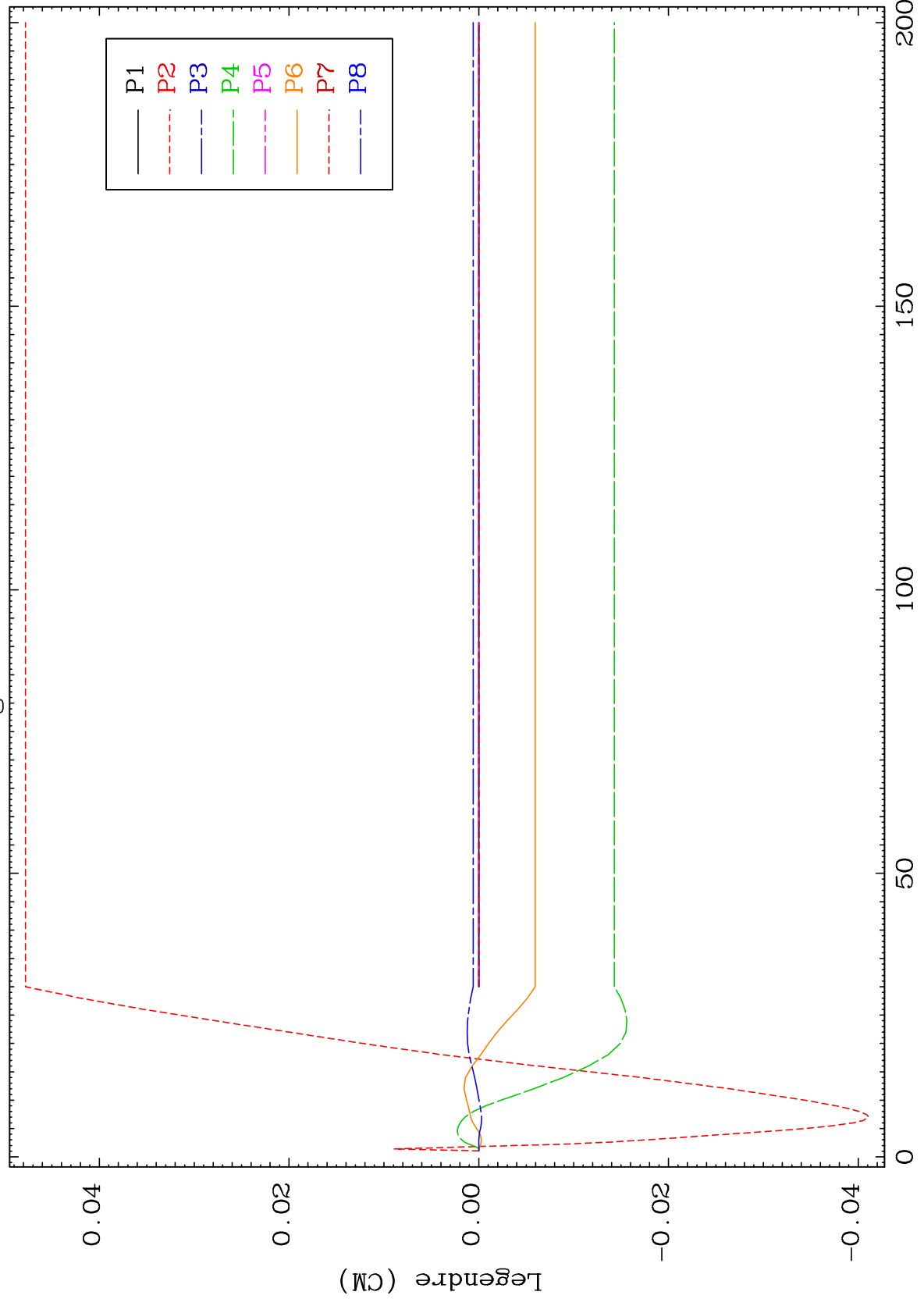
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

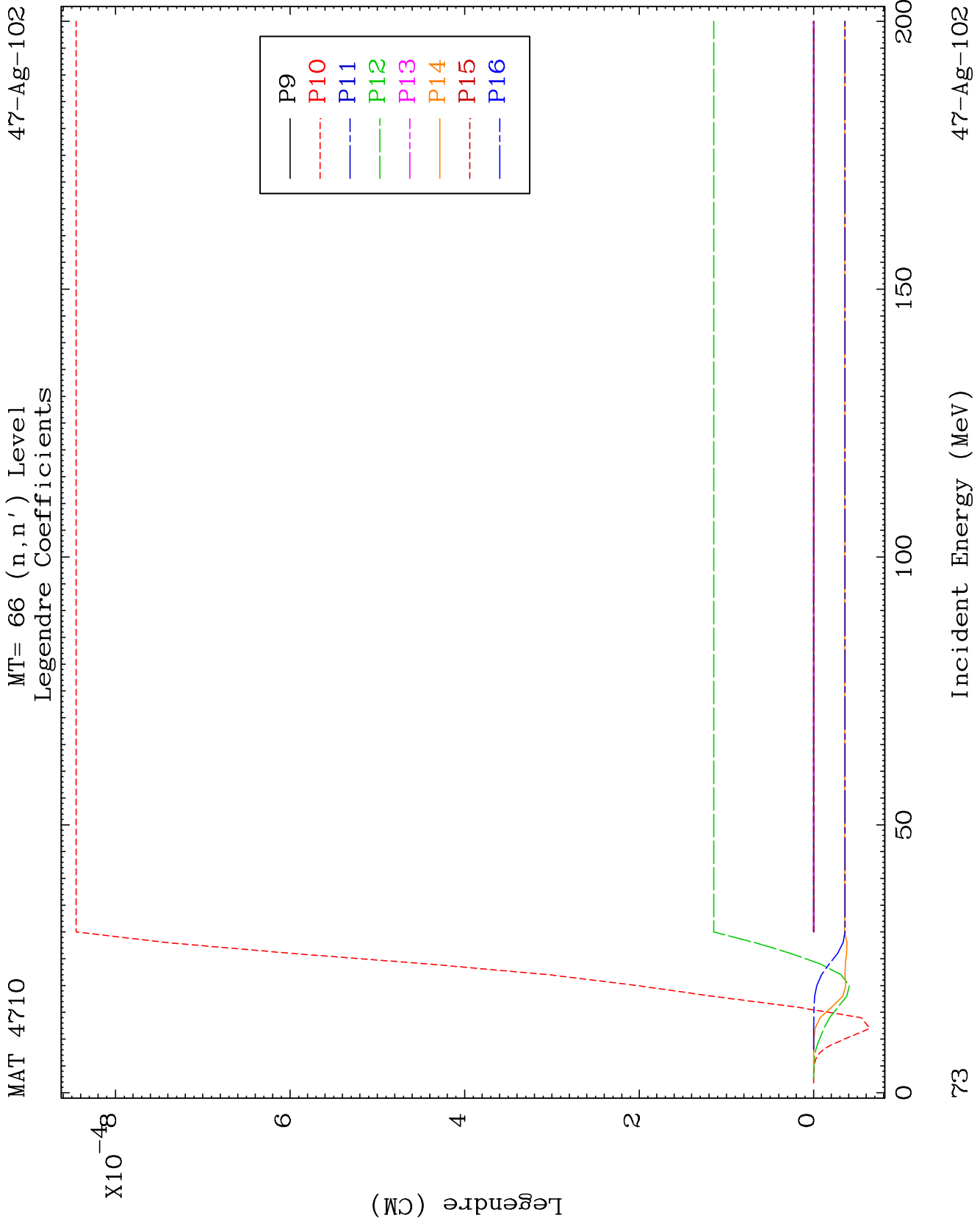
47-Ag-102



72

Incident Energy (MeV)

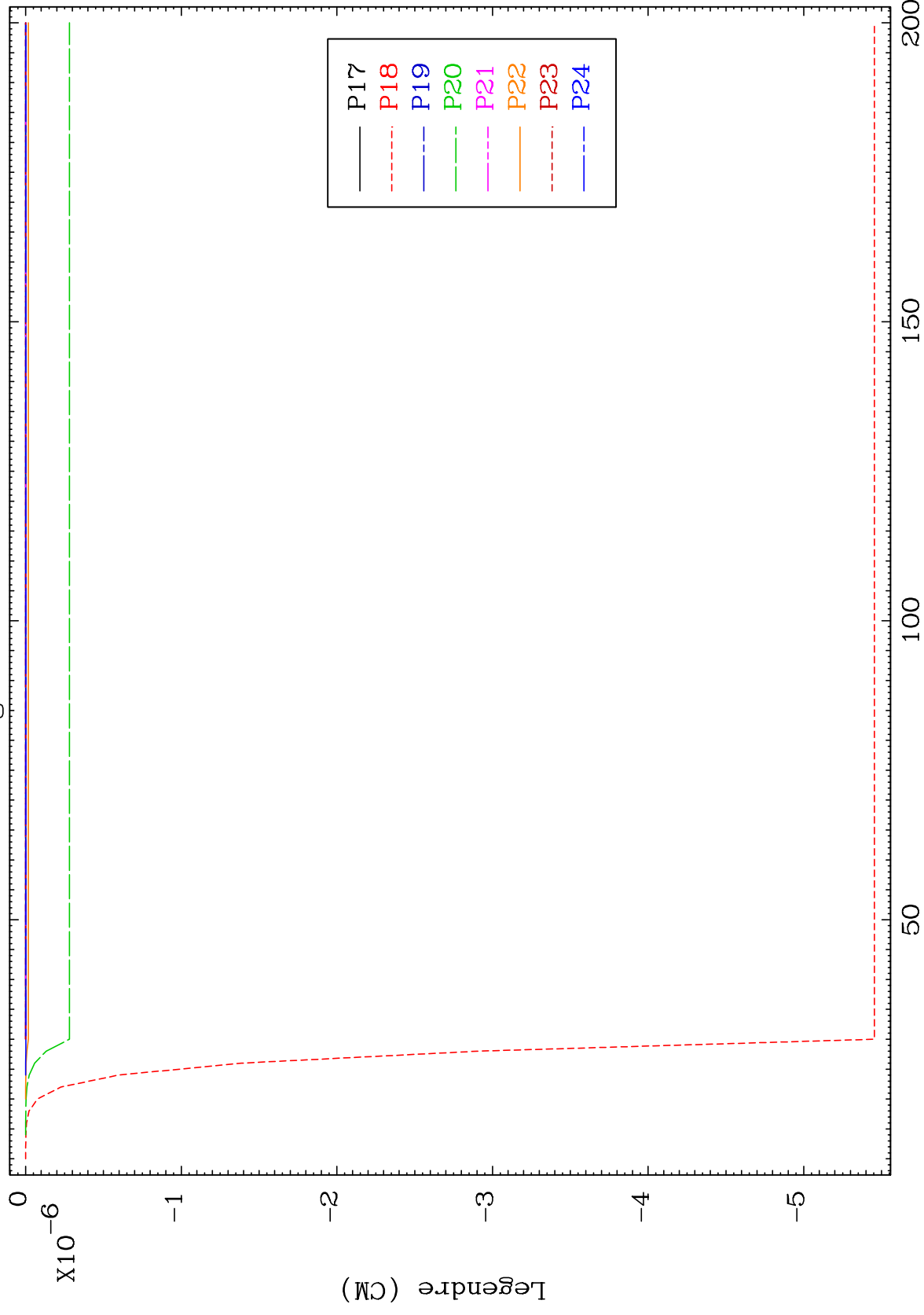
47-Ag-102



MAT 4710

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

47-Ag-102



74

Incident Energy (MeV)

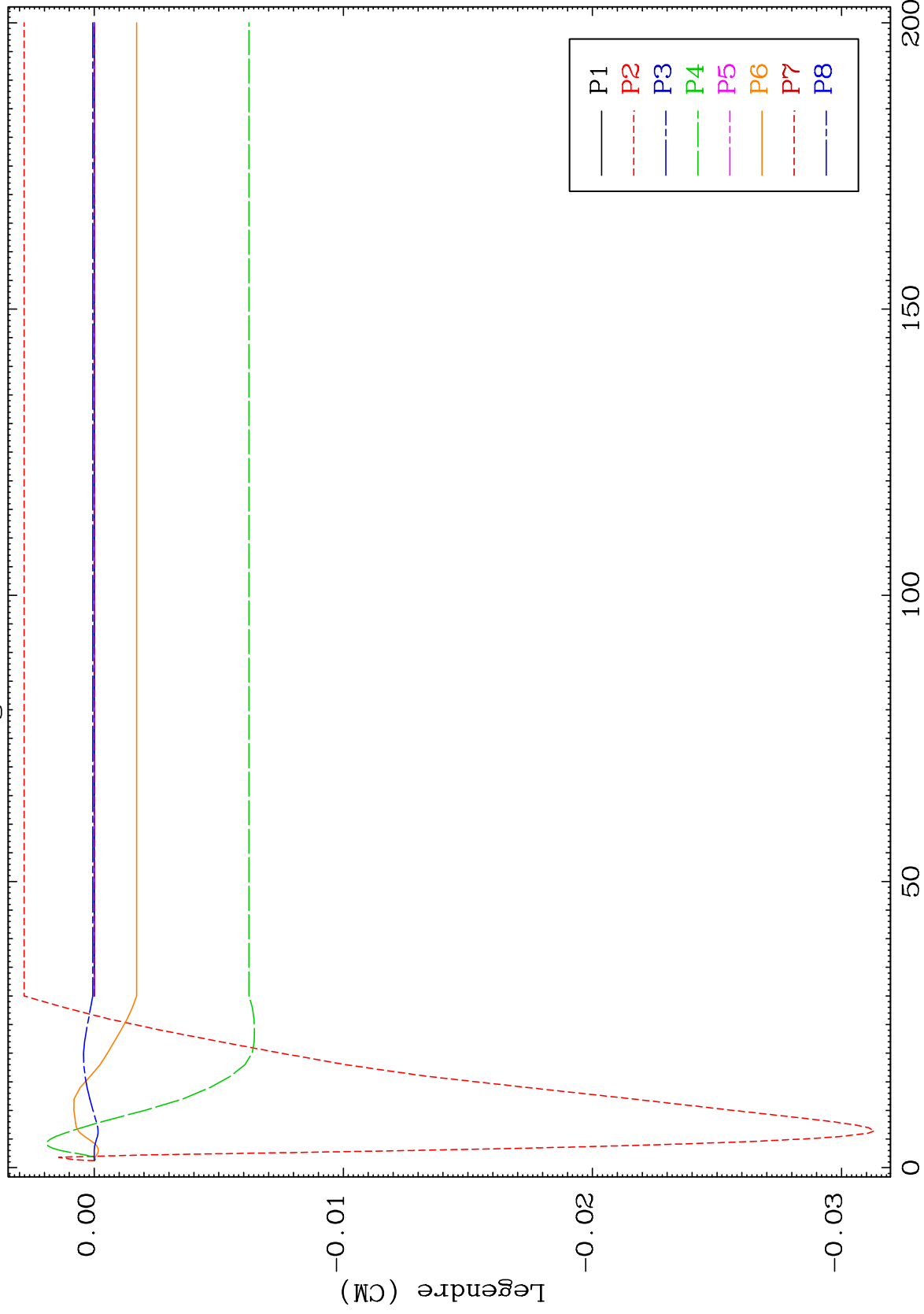
47-Ag-102

MAT 4710

MT= 67 (n,n') Level

47-Ag-102

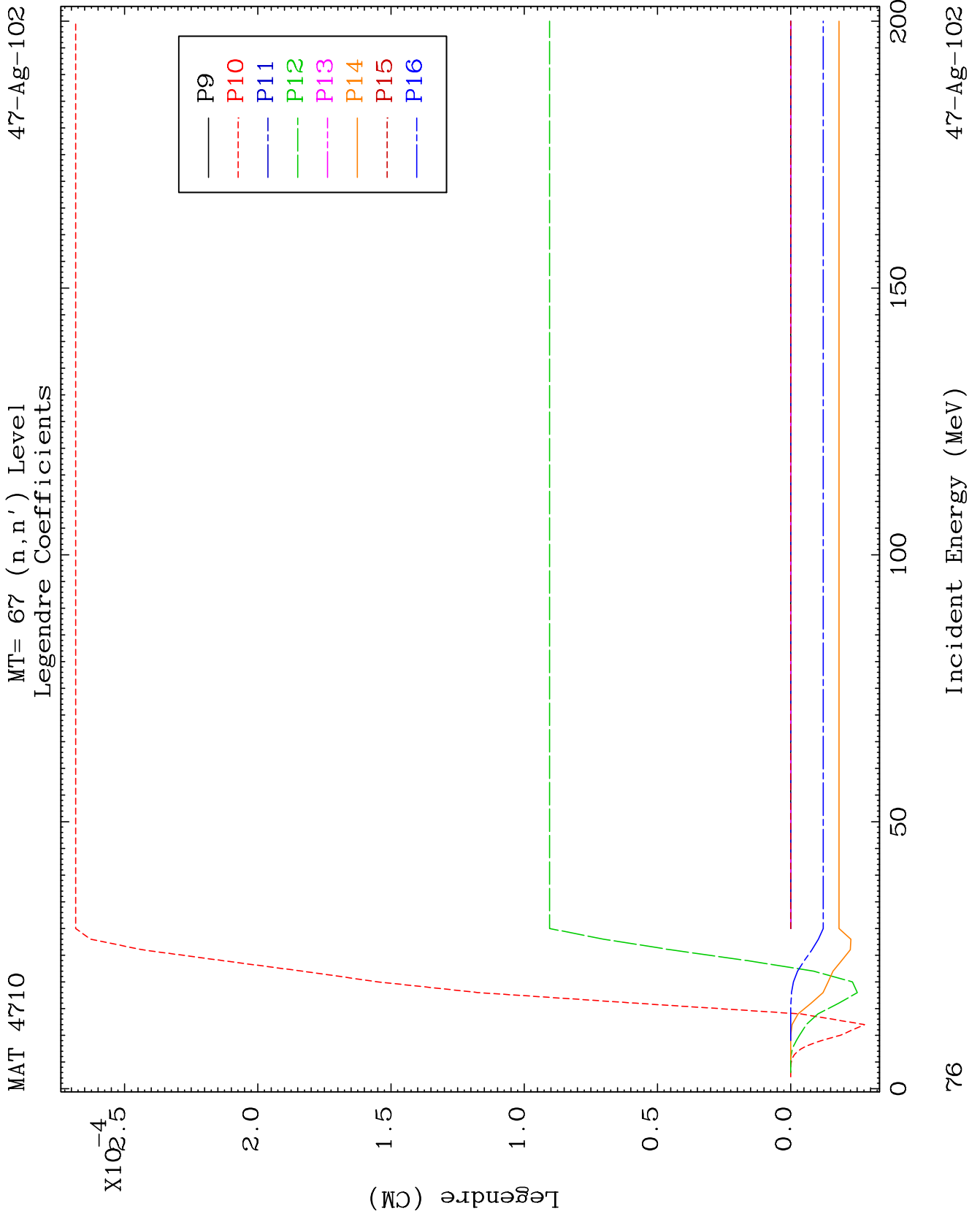
Legendre Coefficients

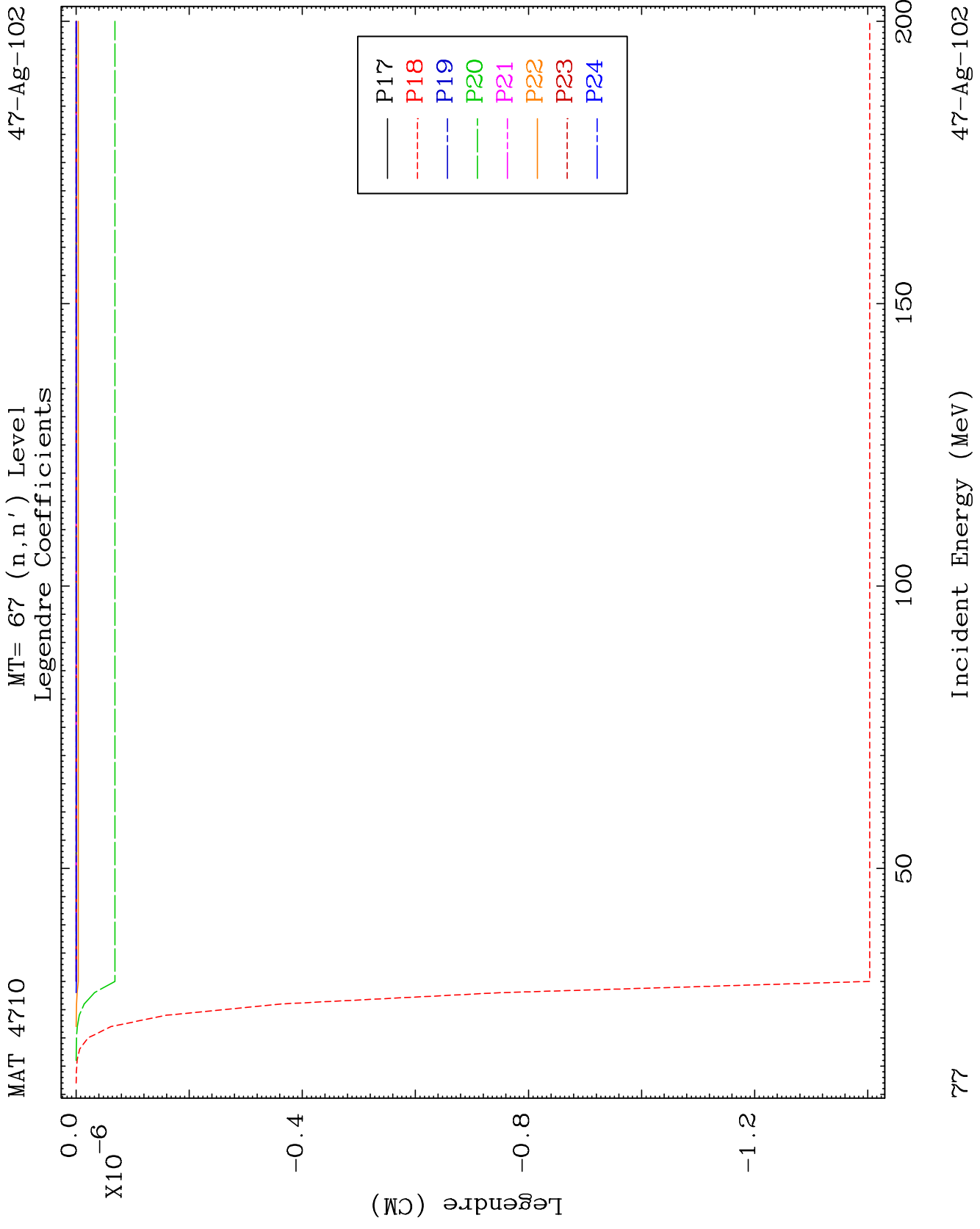


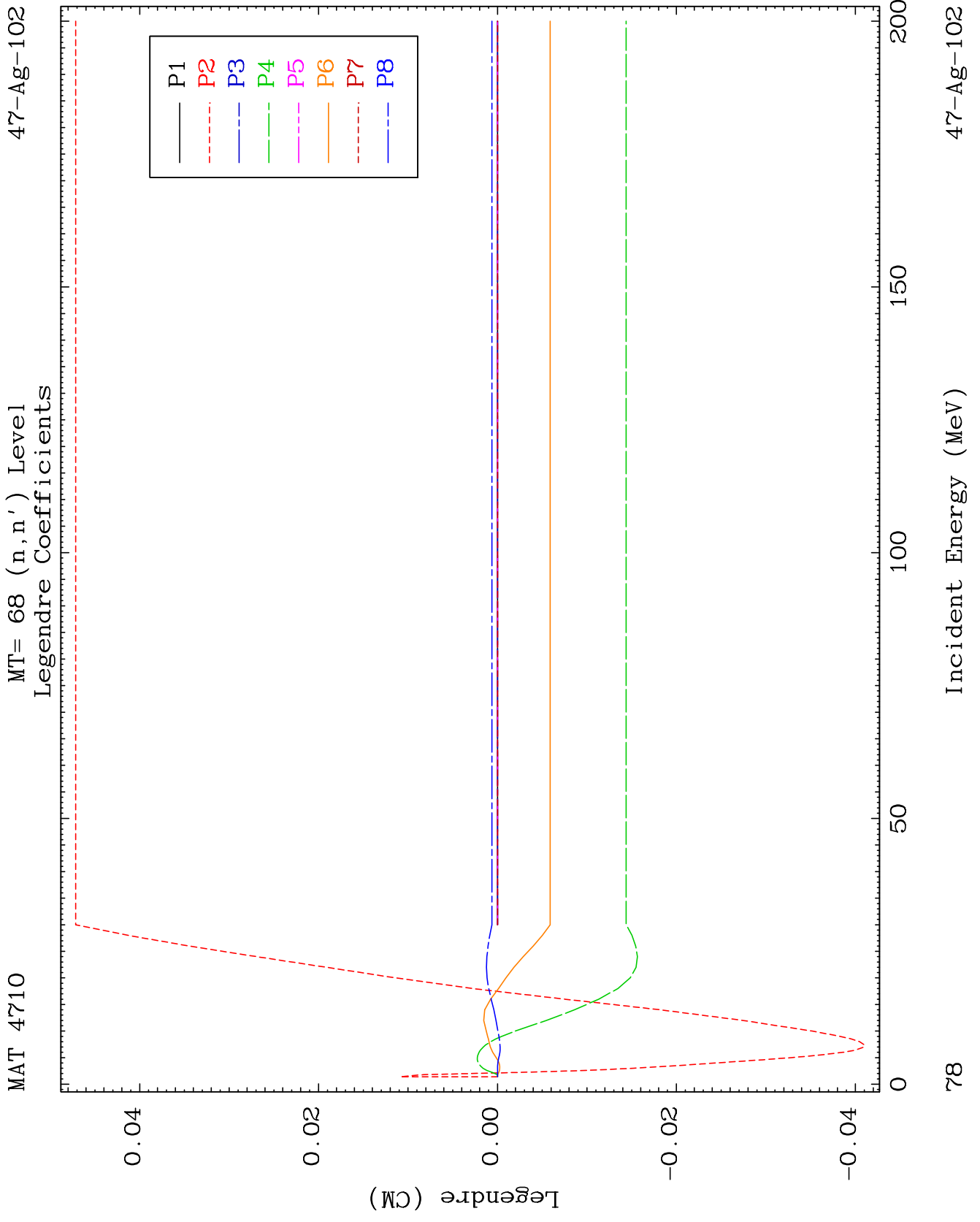
75

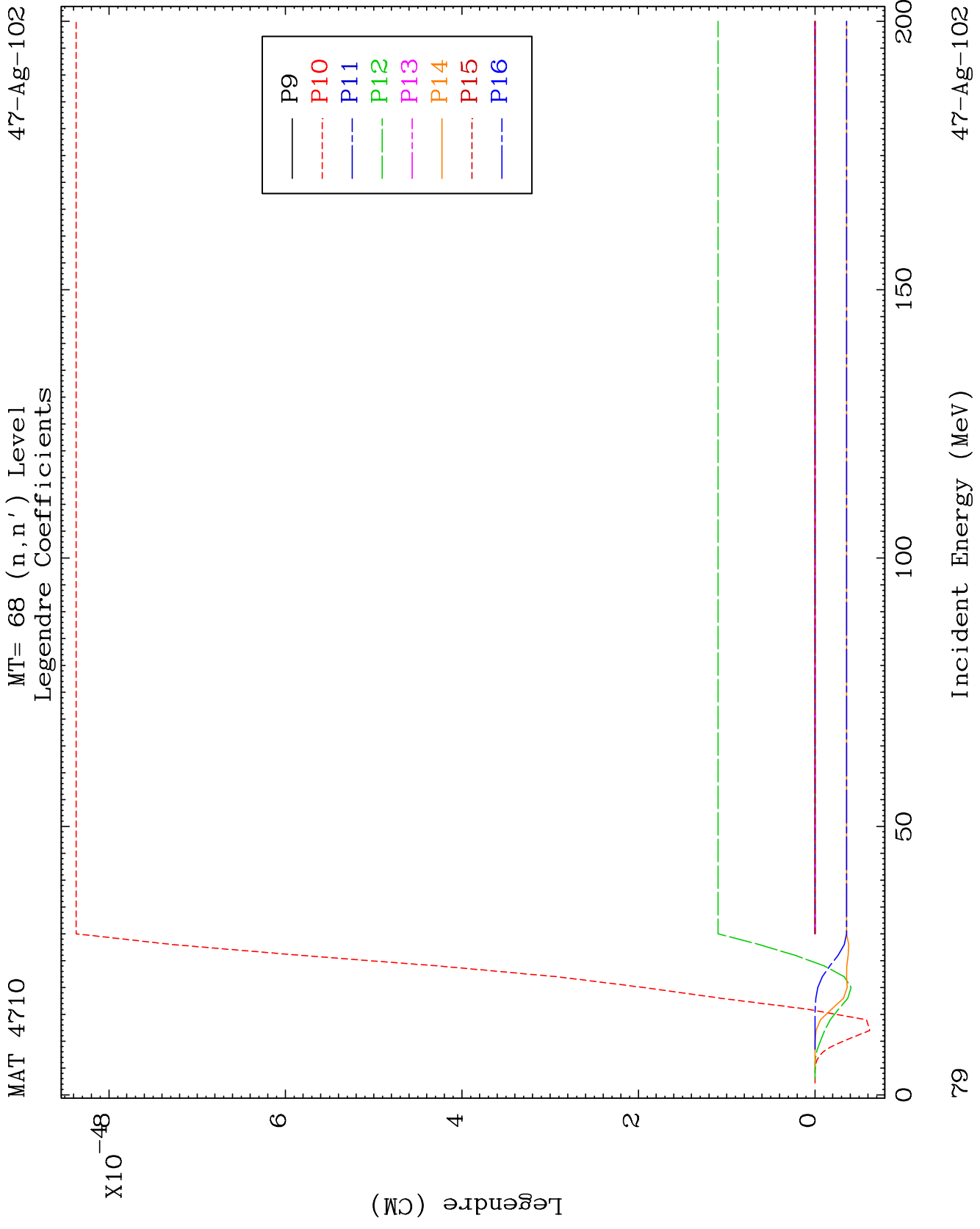
Incident Energy (MeV)

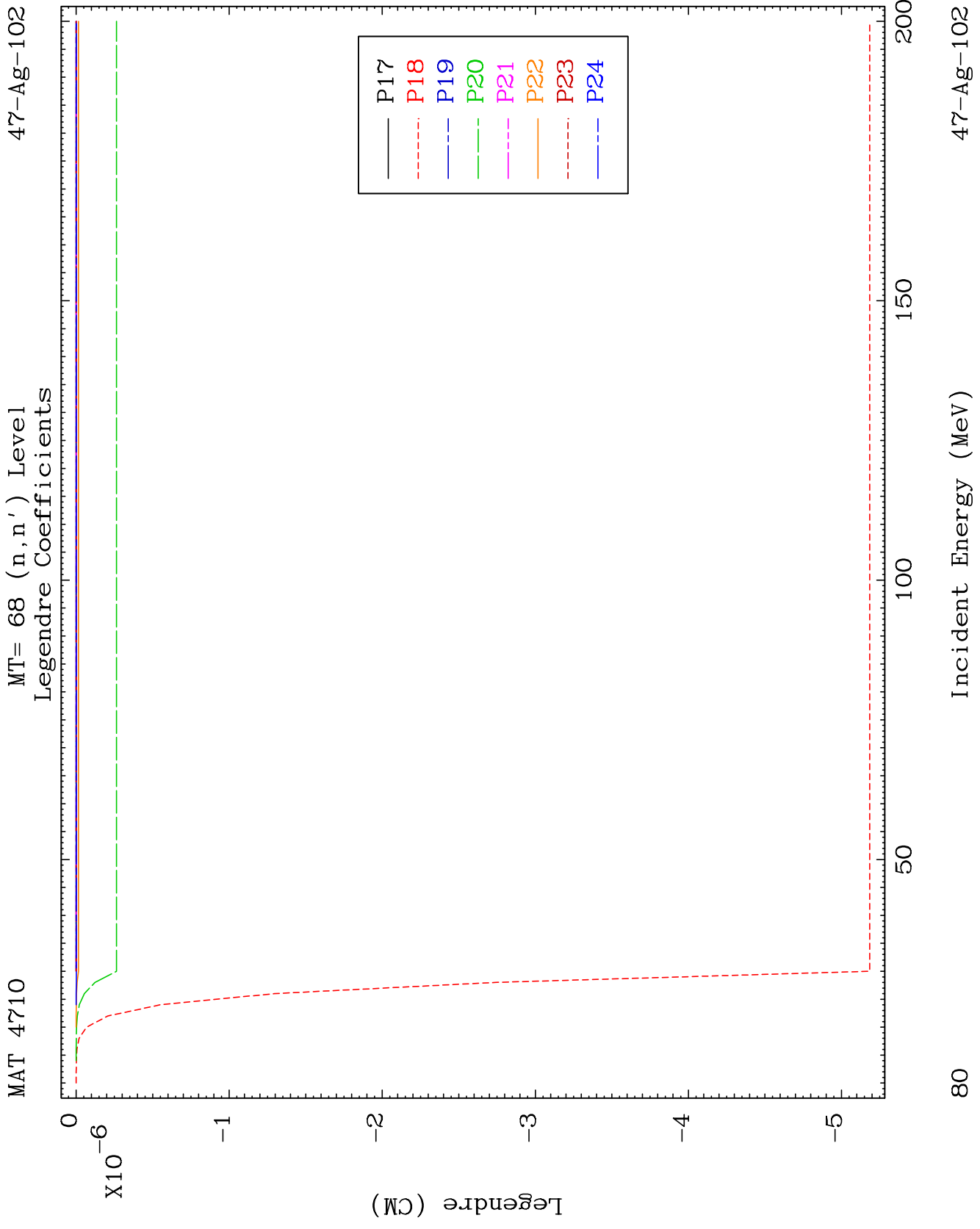
47-Ag-102

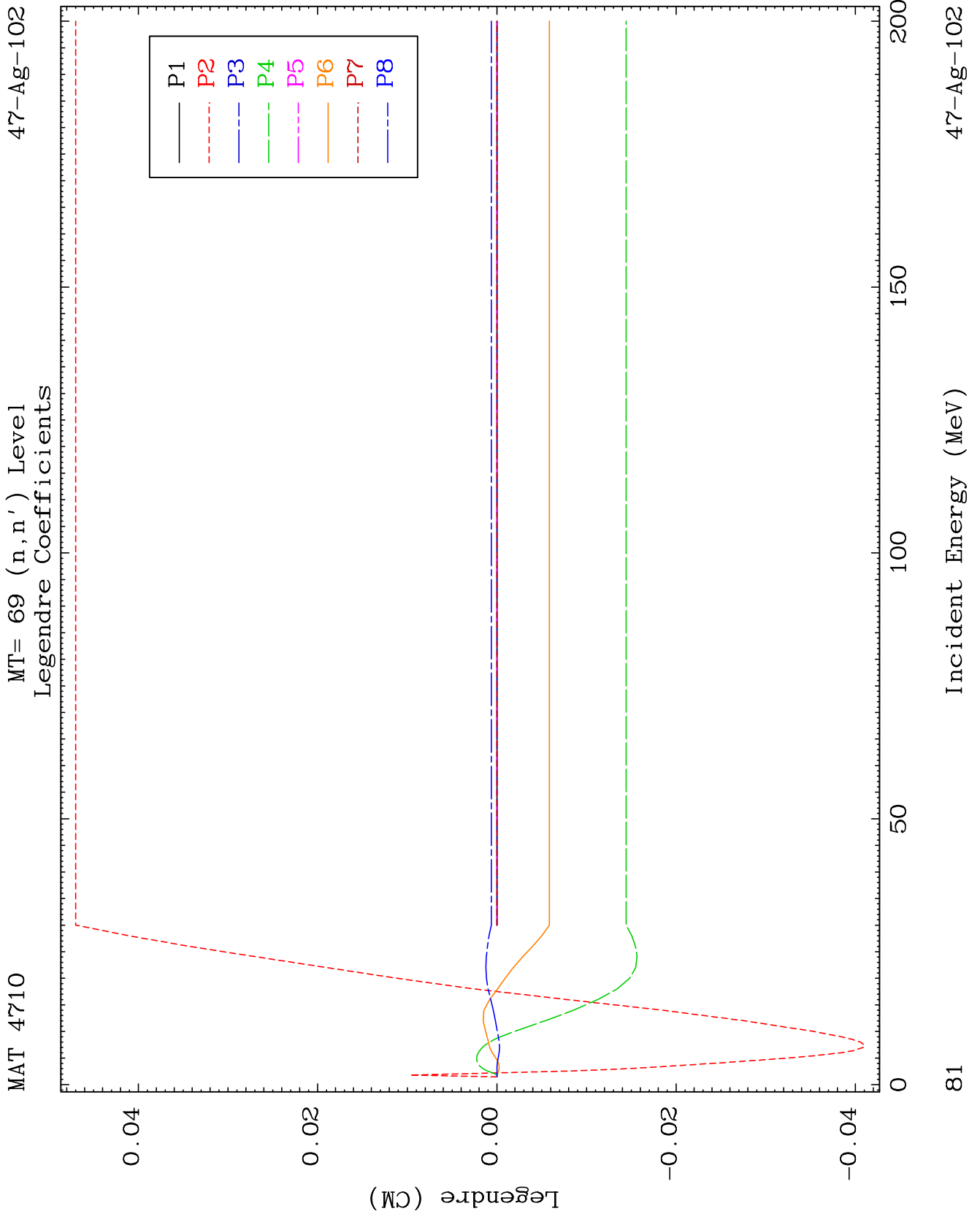


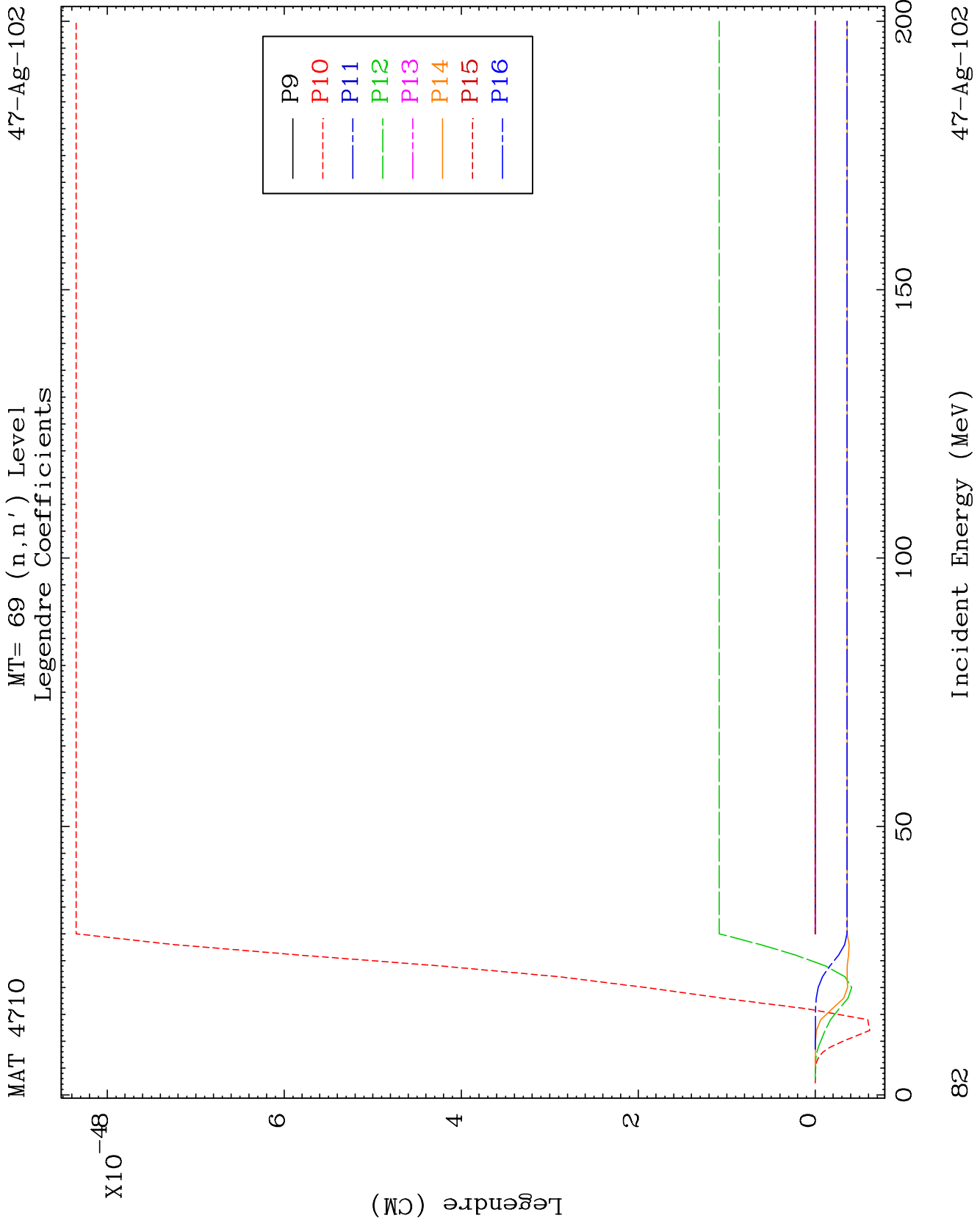








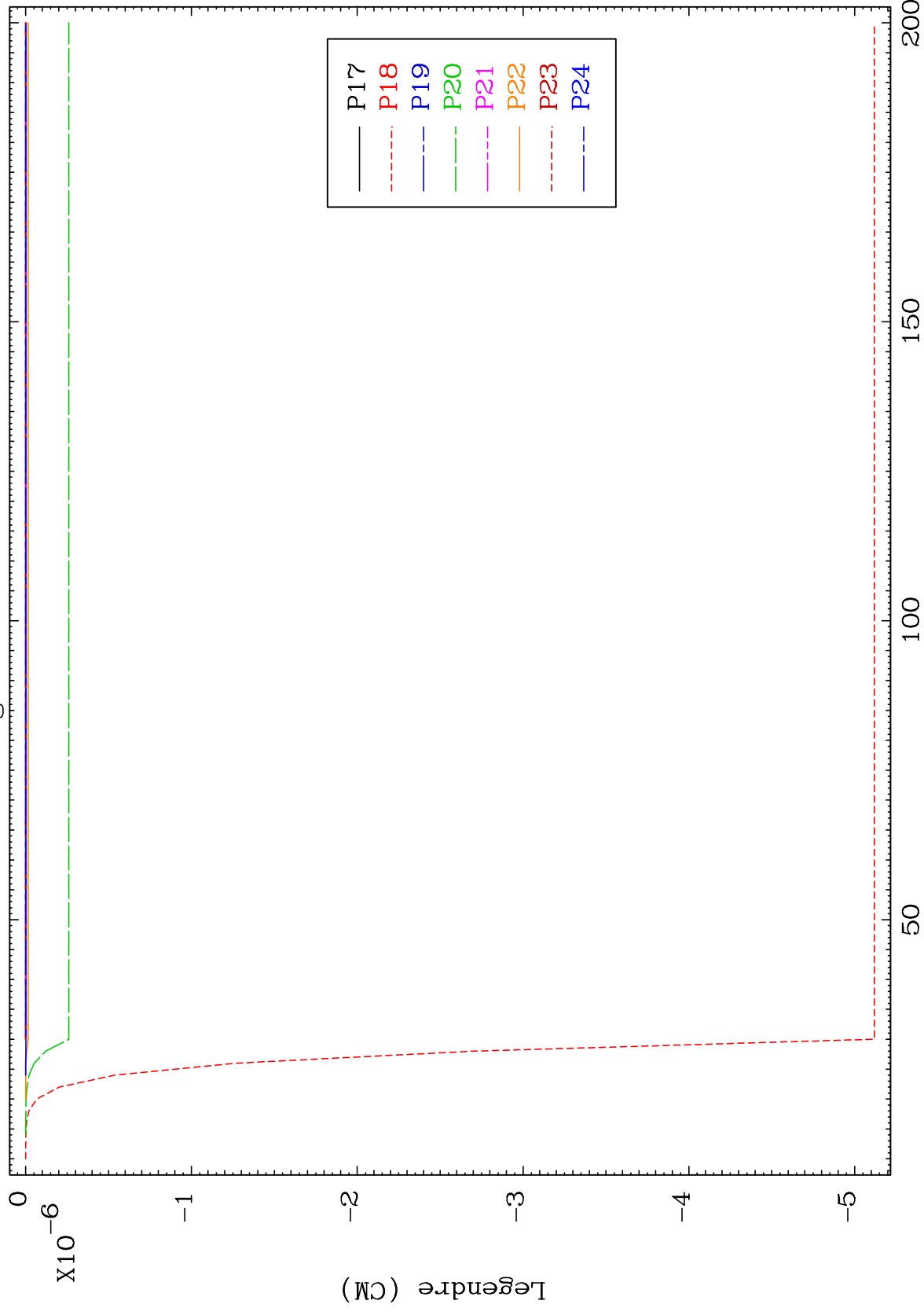




MAT 4710

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

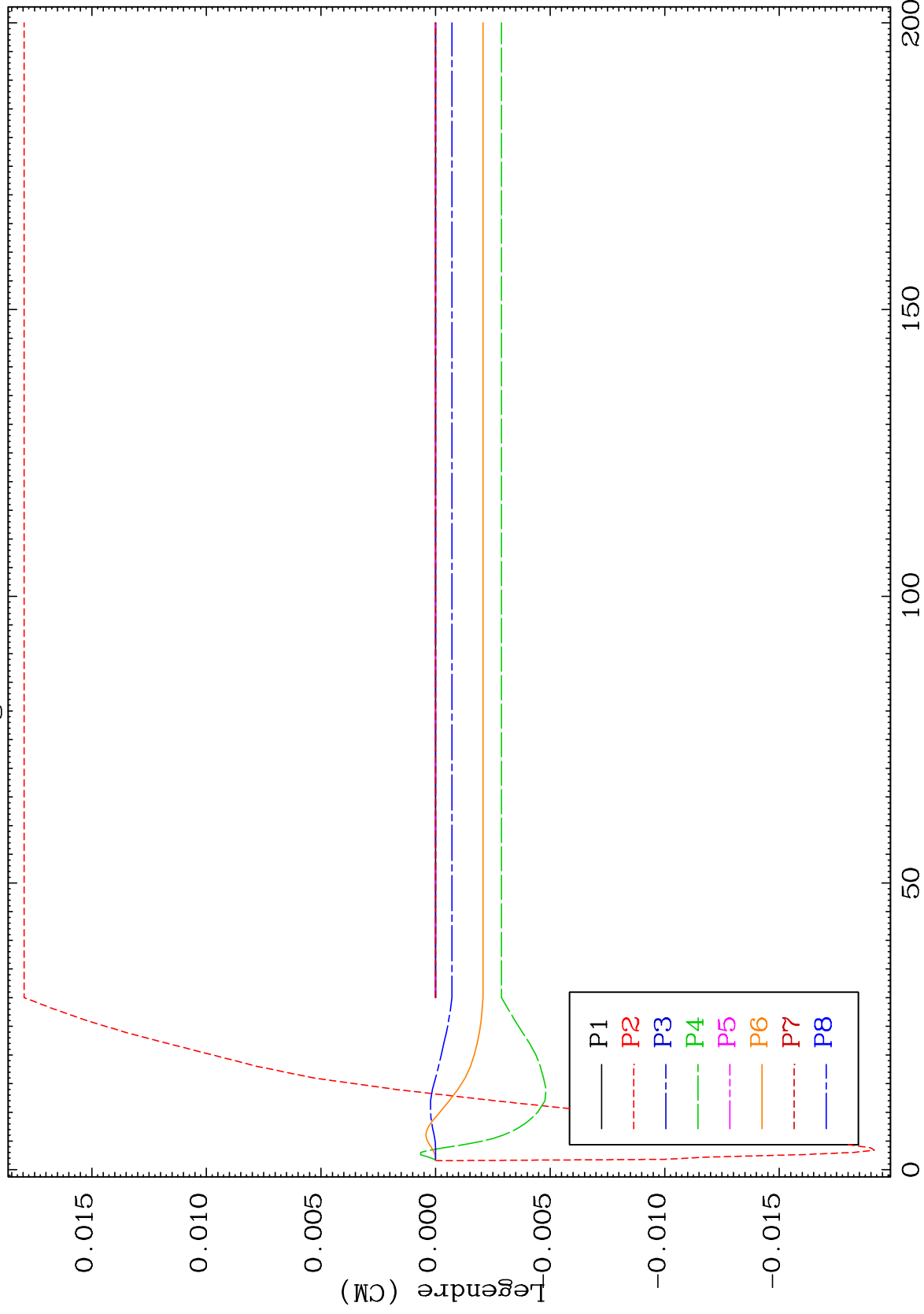
47-Ag-102



MAT 4710

47-Ag-102

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



84

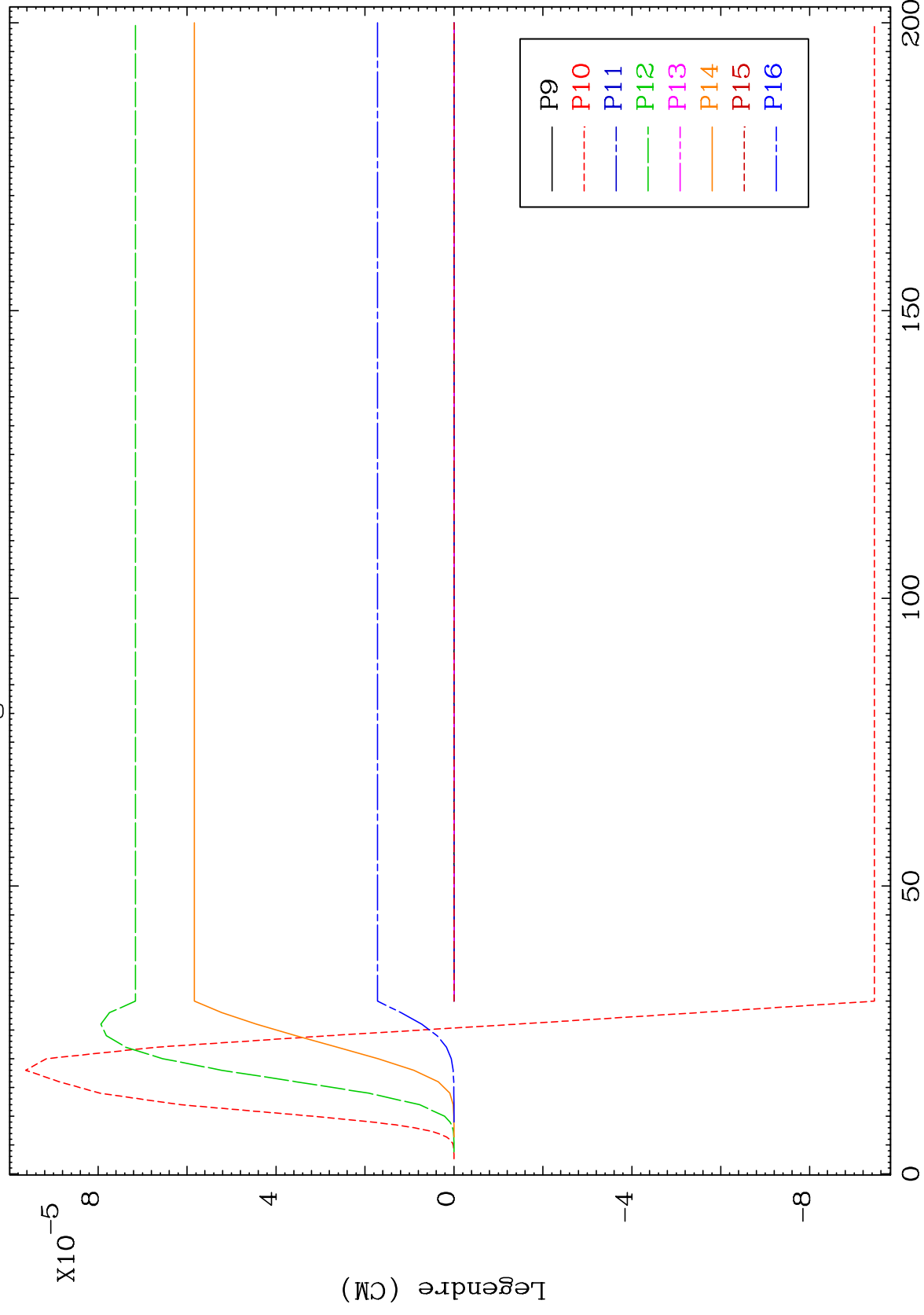
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



85

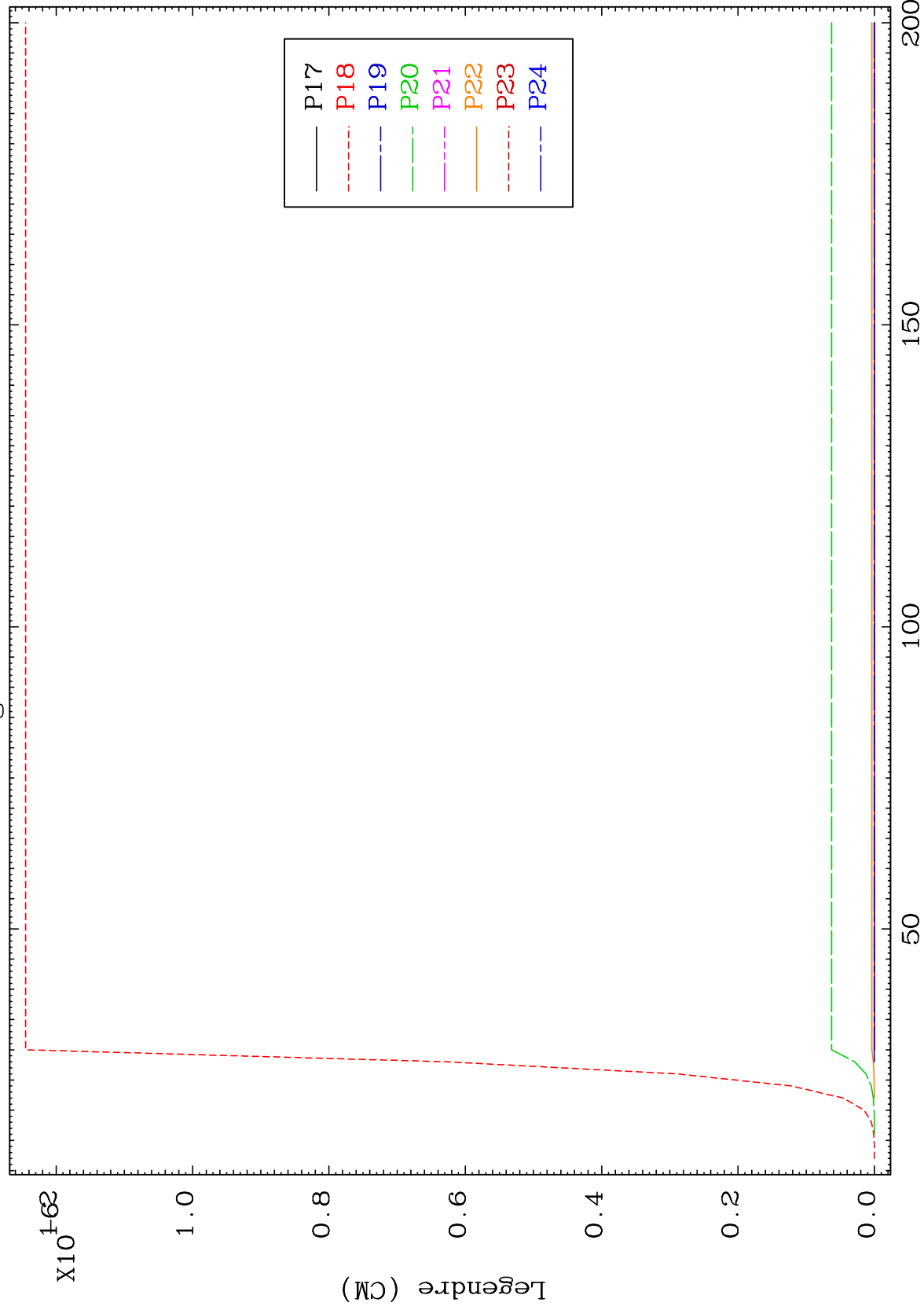
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



47-Ag-102

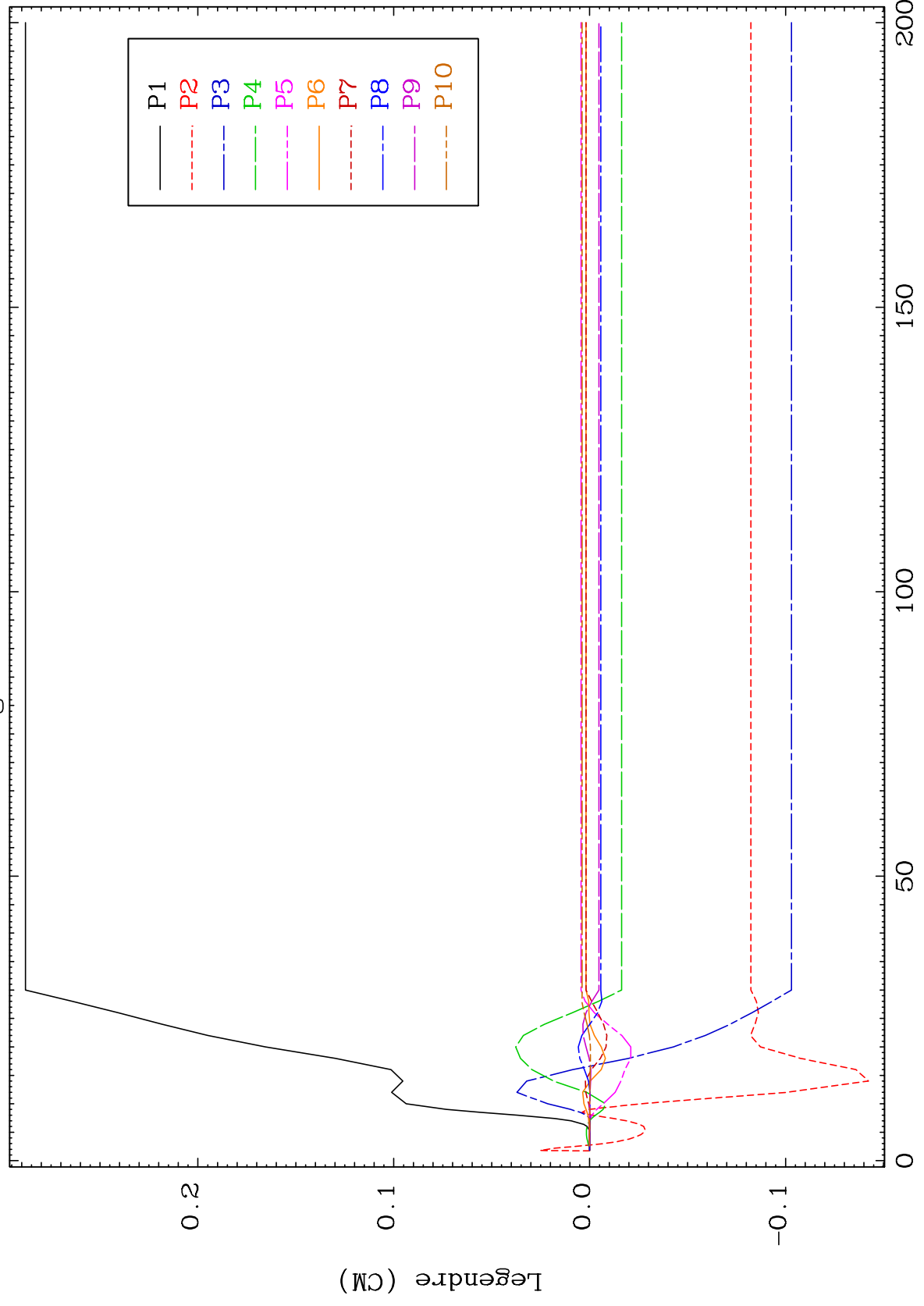
Incident Energy (MeV)

86

MAT 4710

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

47-Ag-102



87

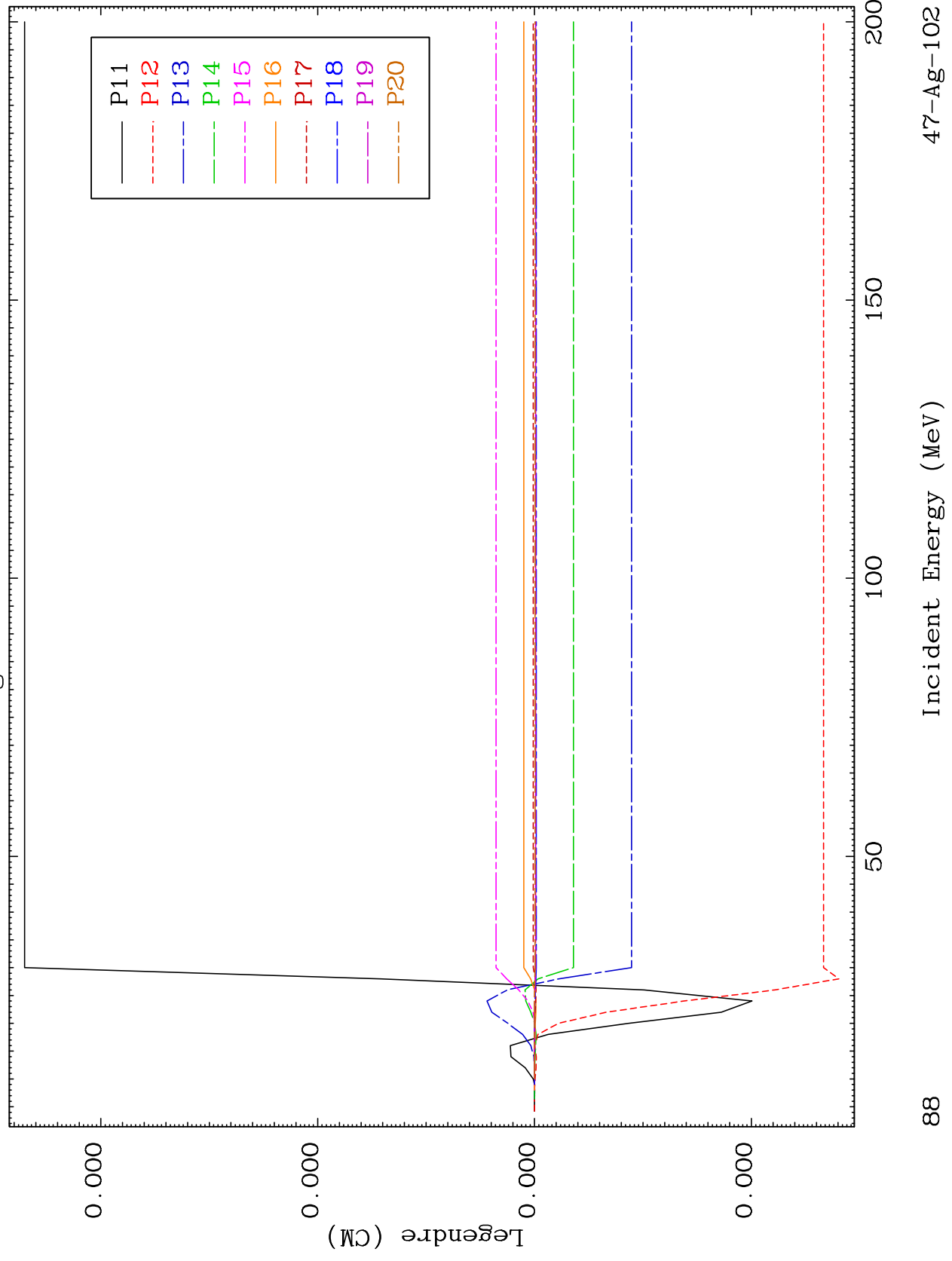
Incident Energy (MeV)

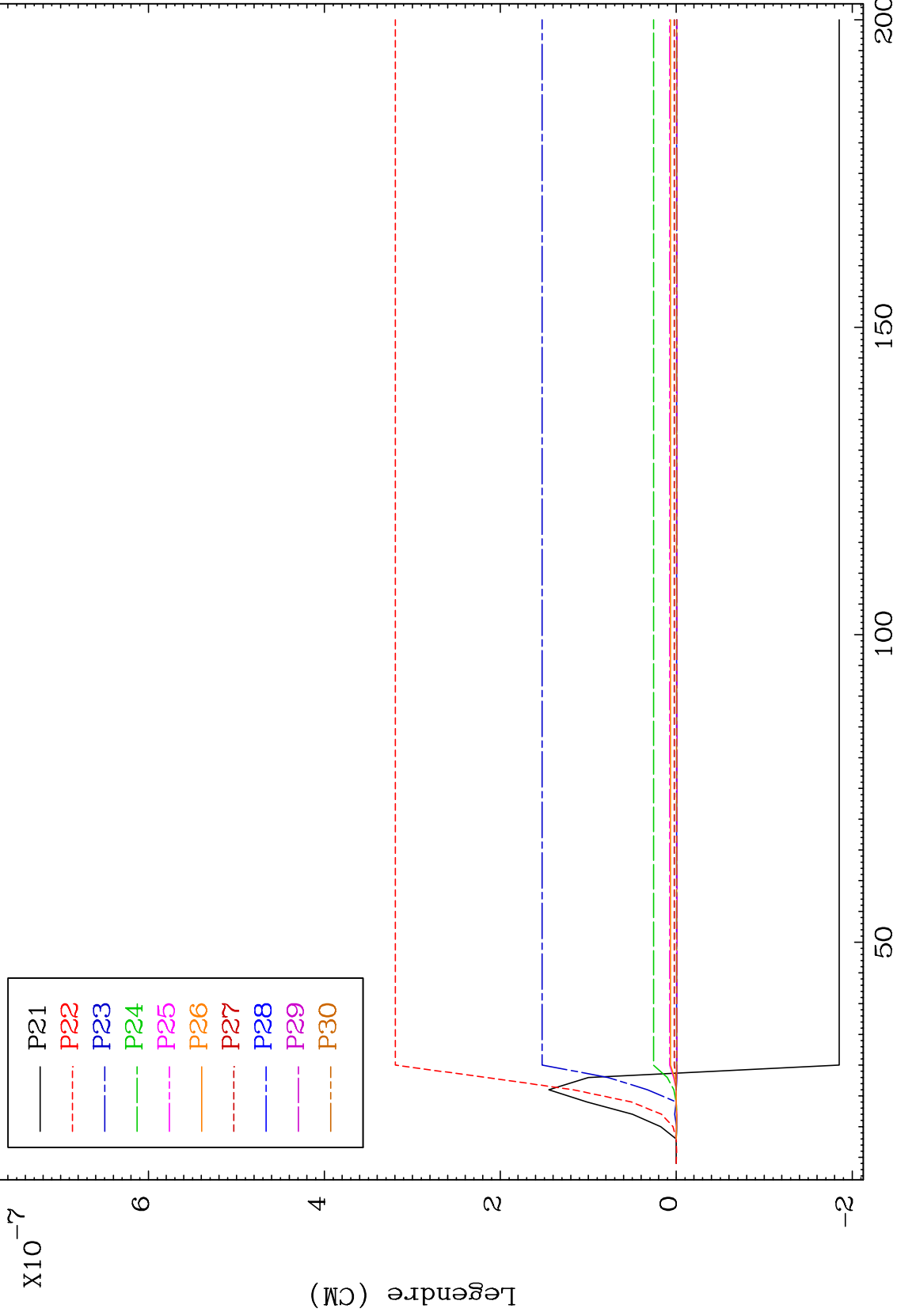
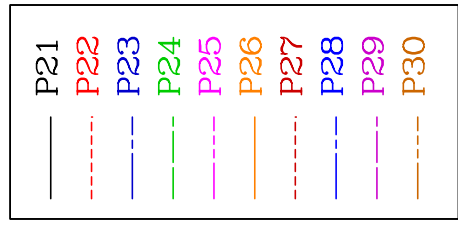
47-Ag-102

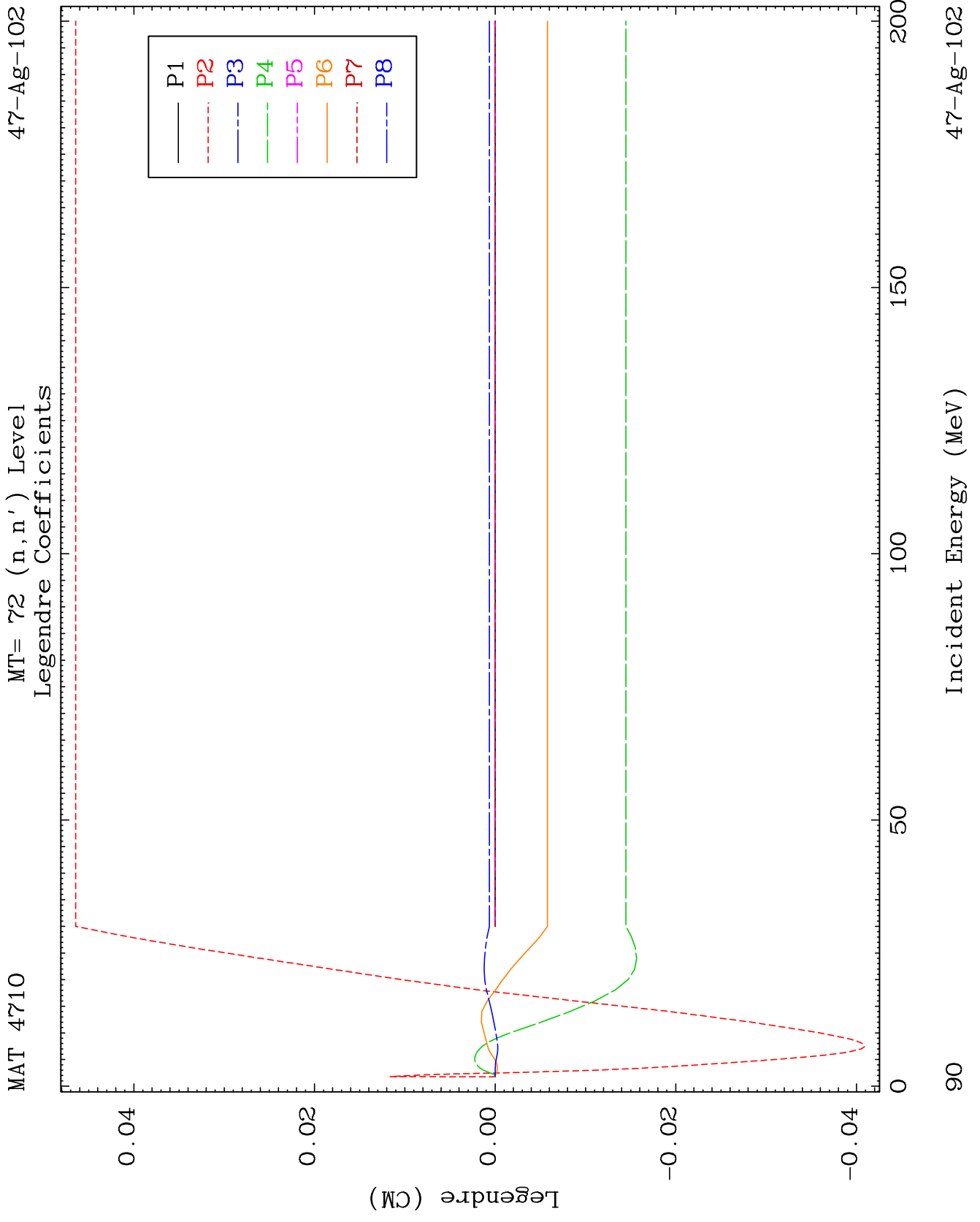
MAT 4710

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

47-Ag-102



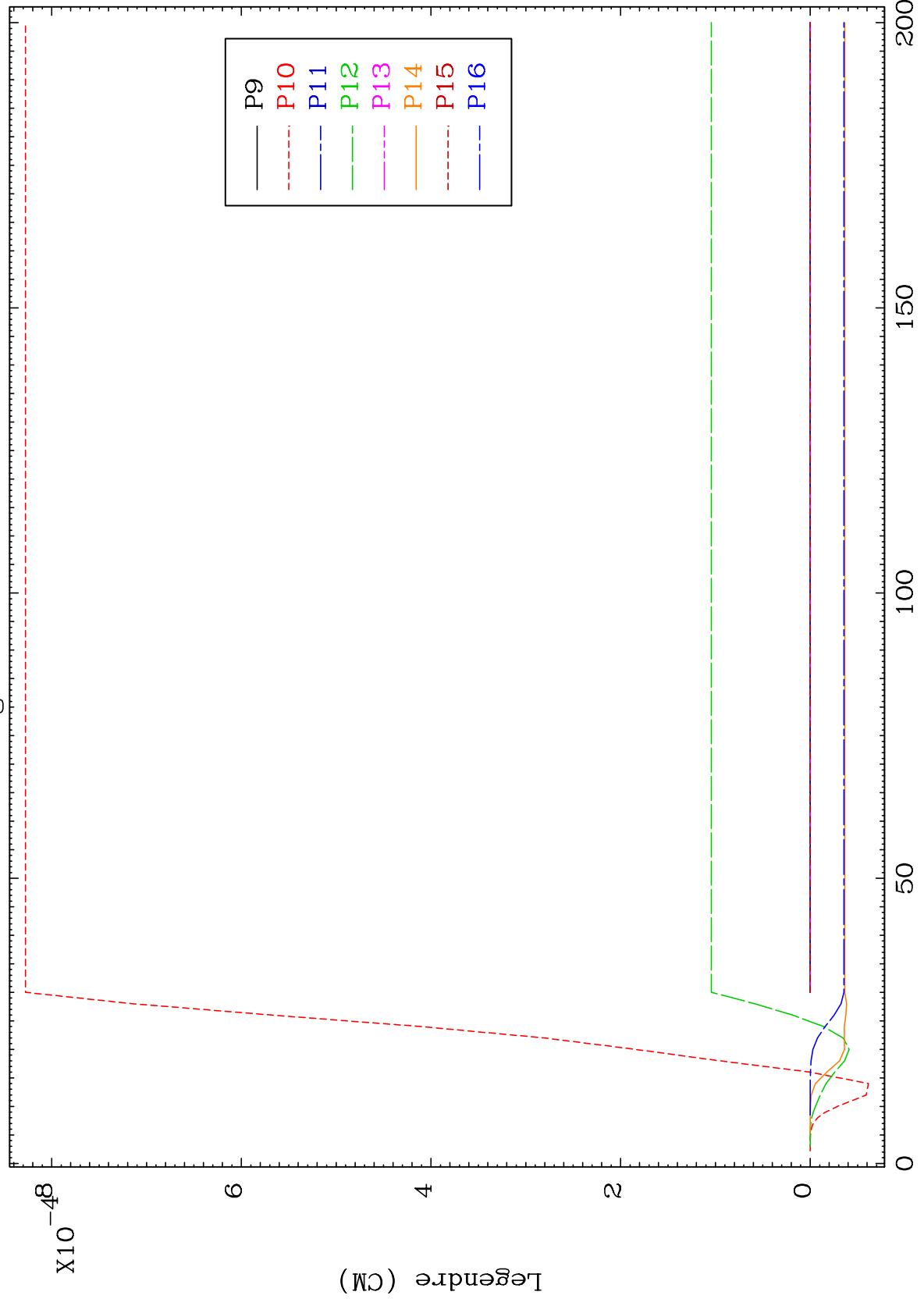




MAT 4710

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

47-Ag-102



91

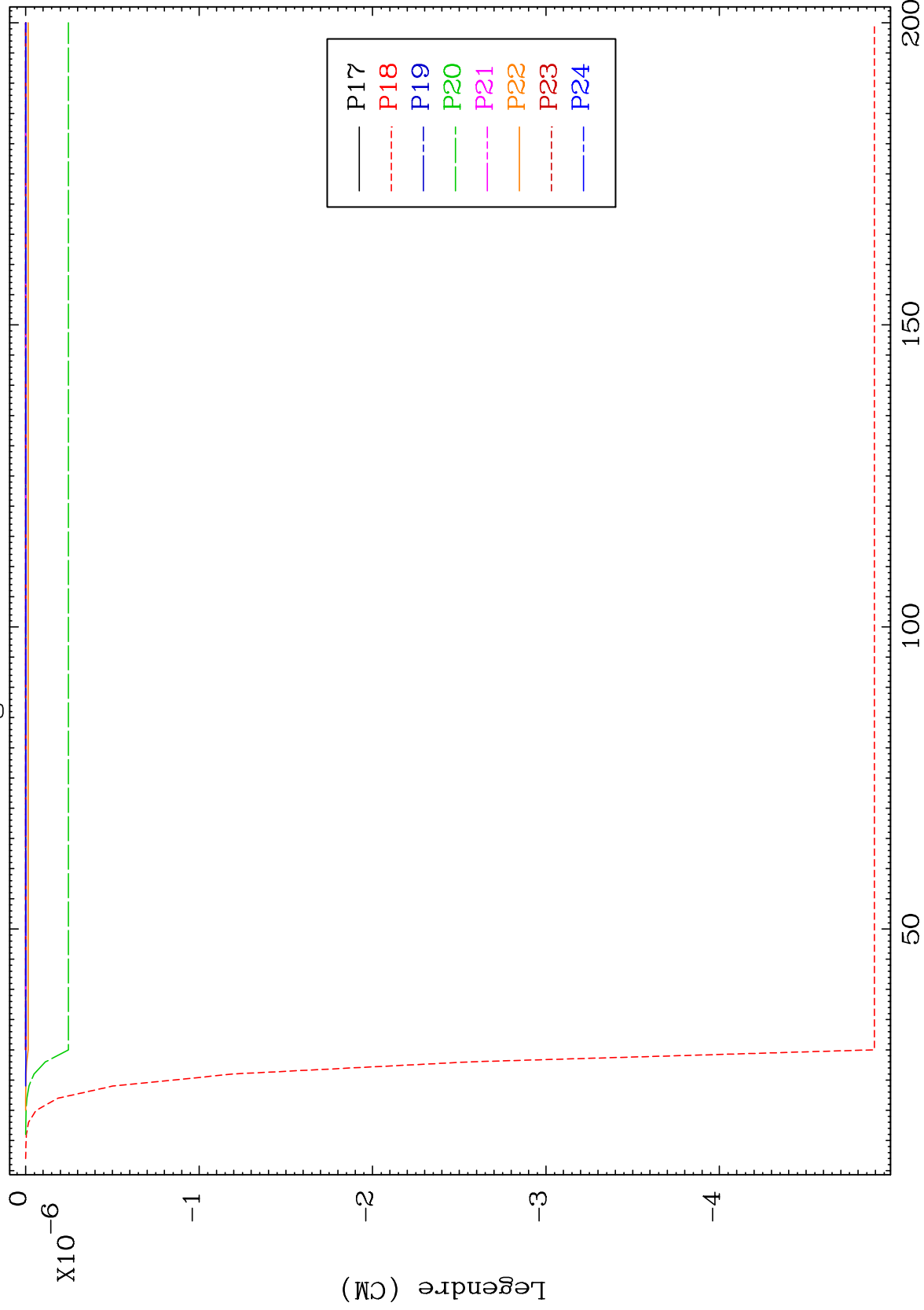
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



92

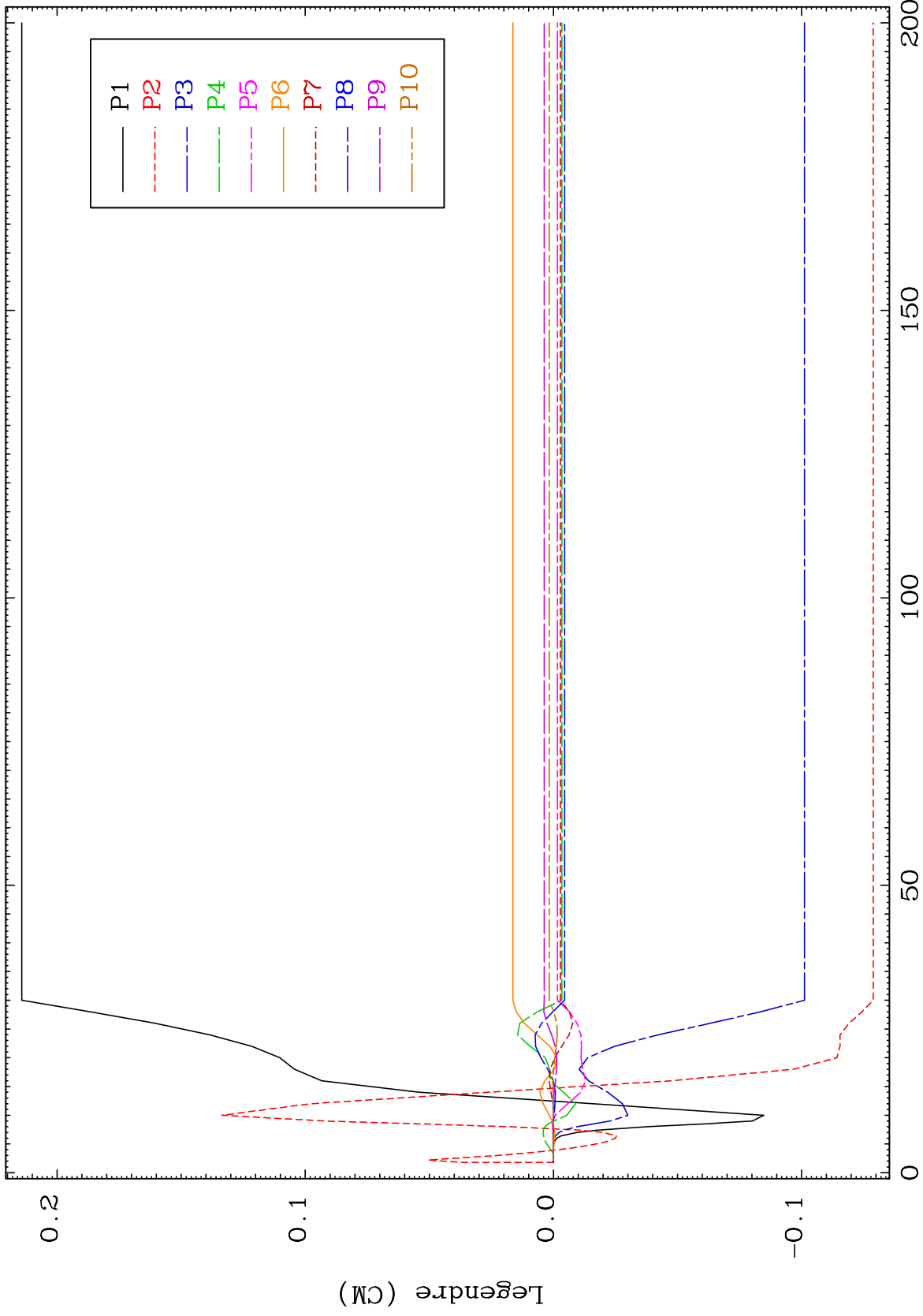
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



93

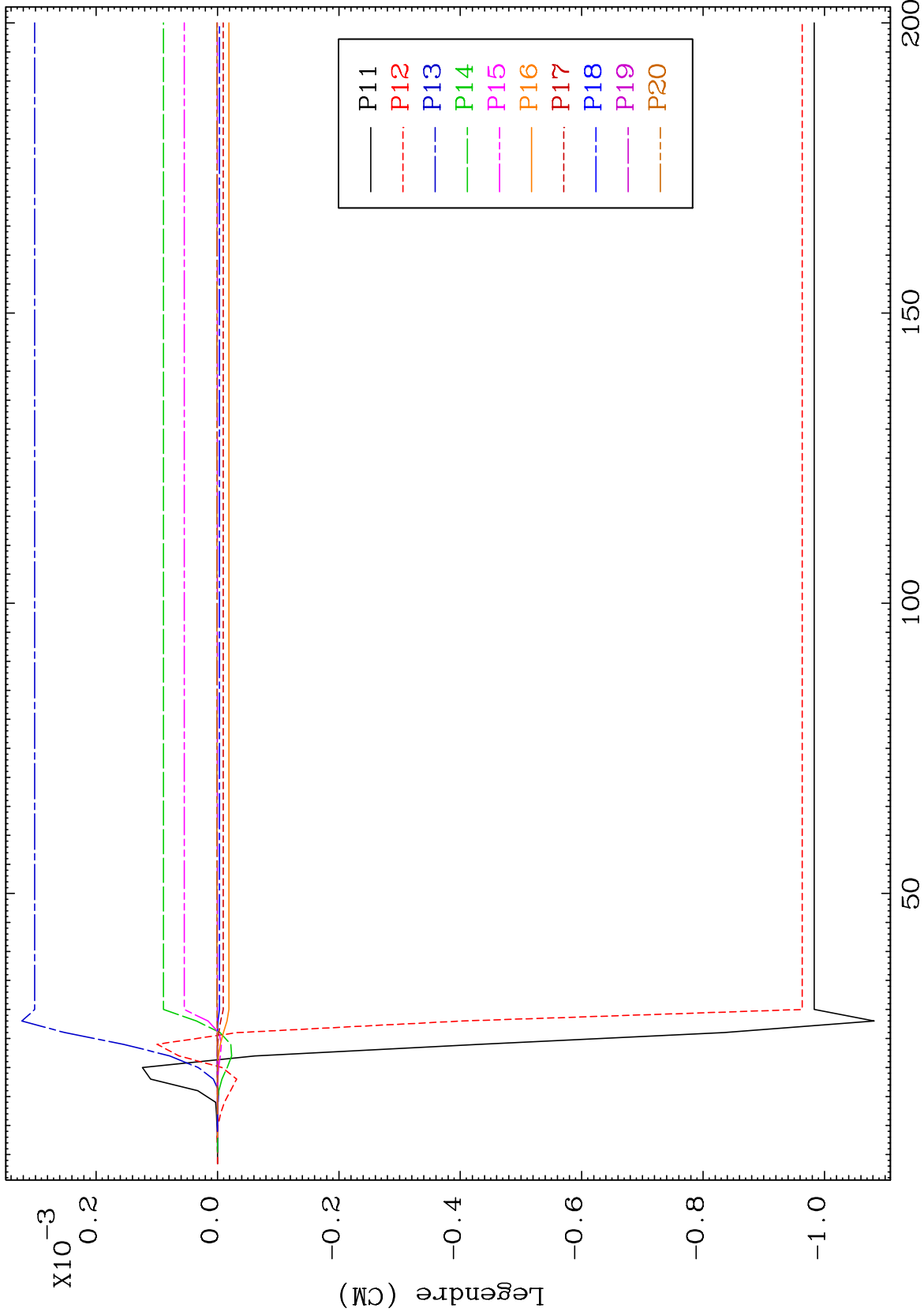
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

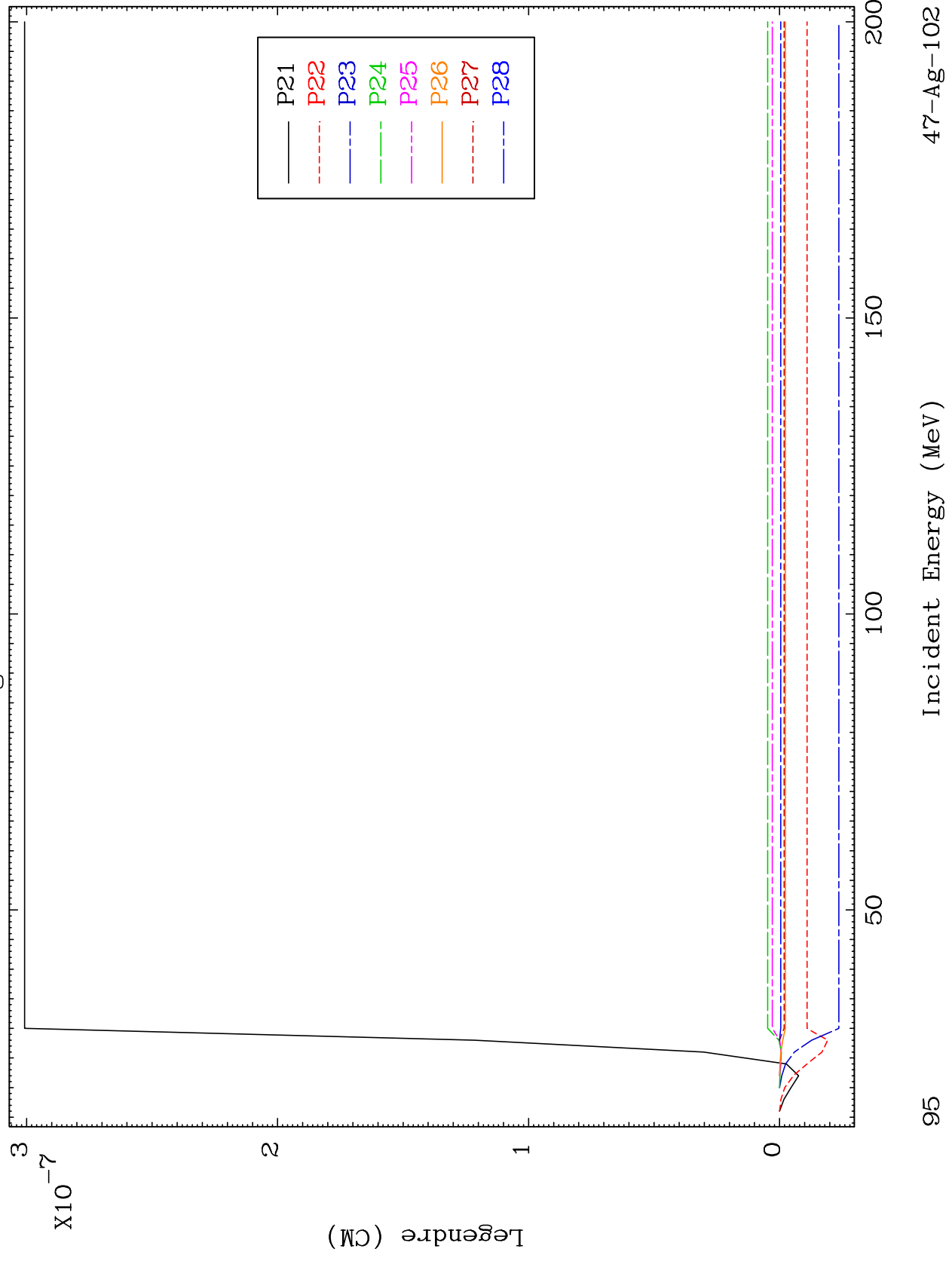
47-Ag-102



MAT 4710

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

47-Ag-102



95

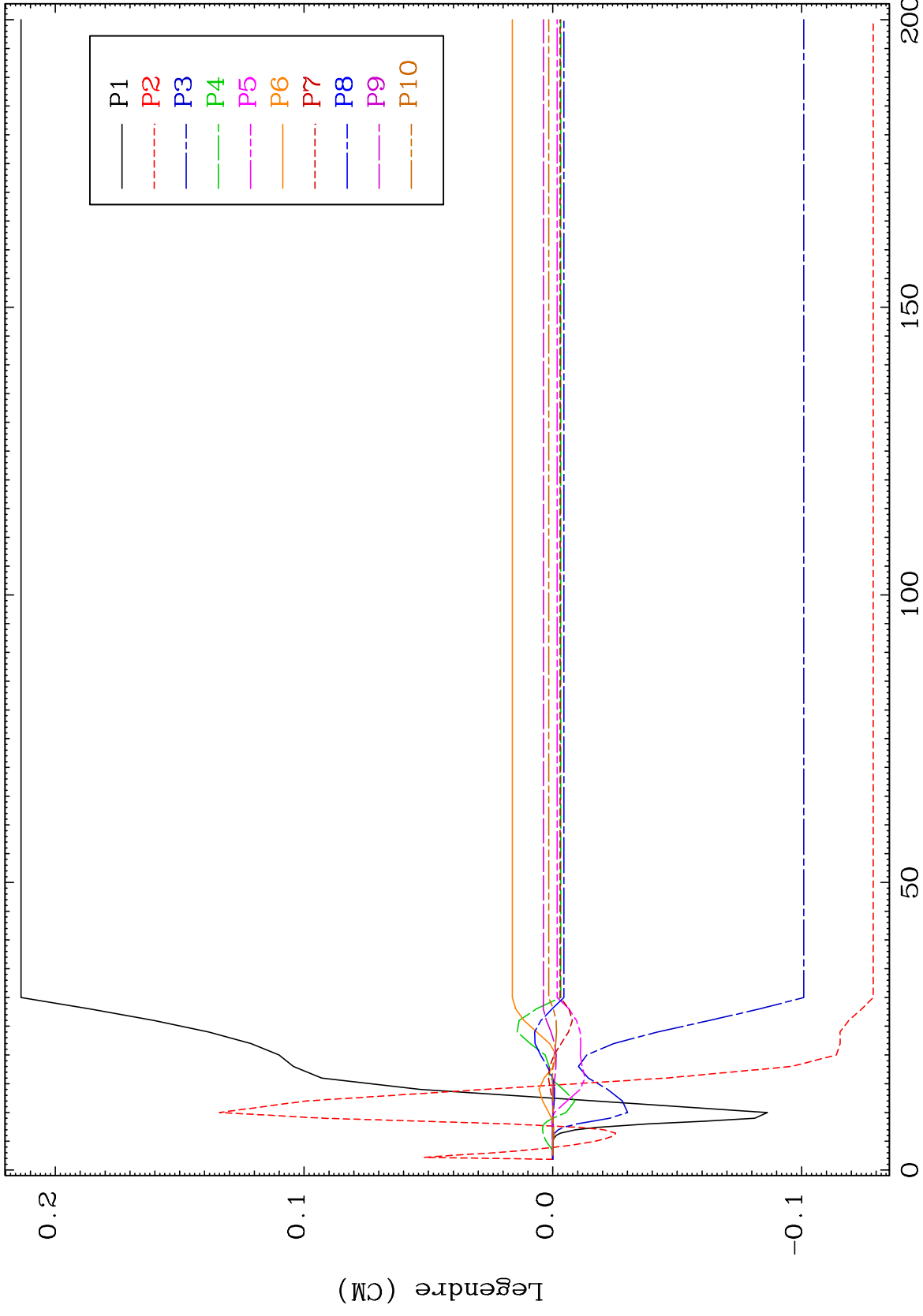
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



96

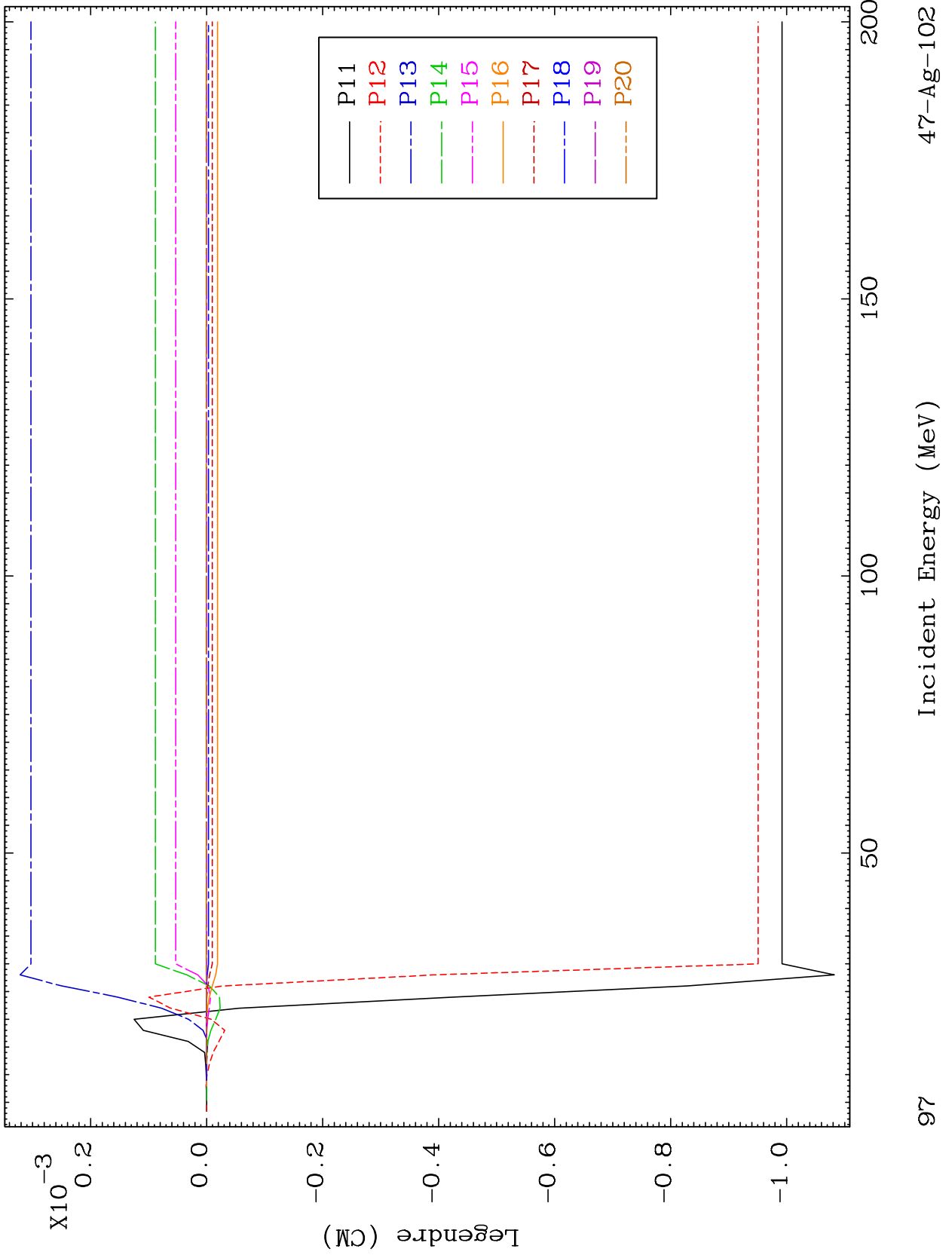
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

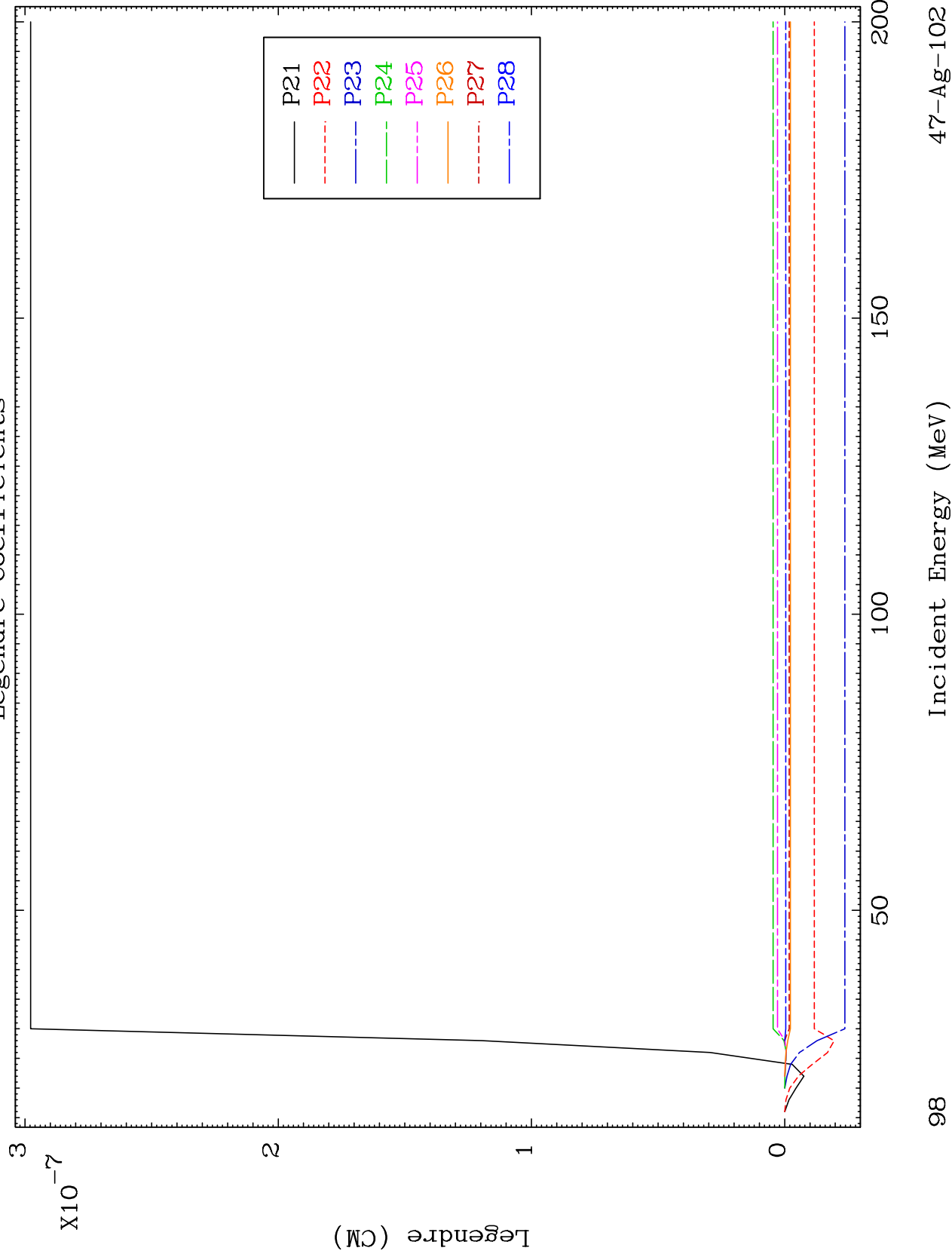
47-Ag-102



MAT 4710

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

47-Ag-102



98

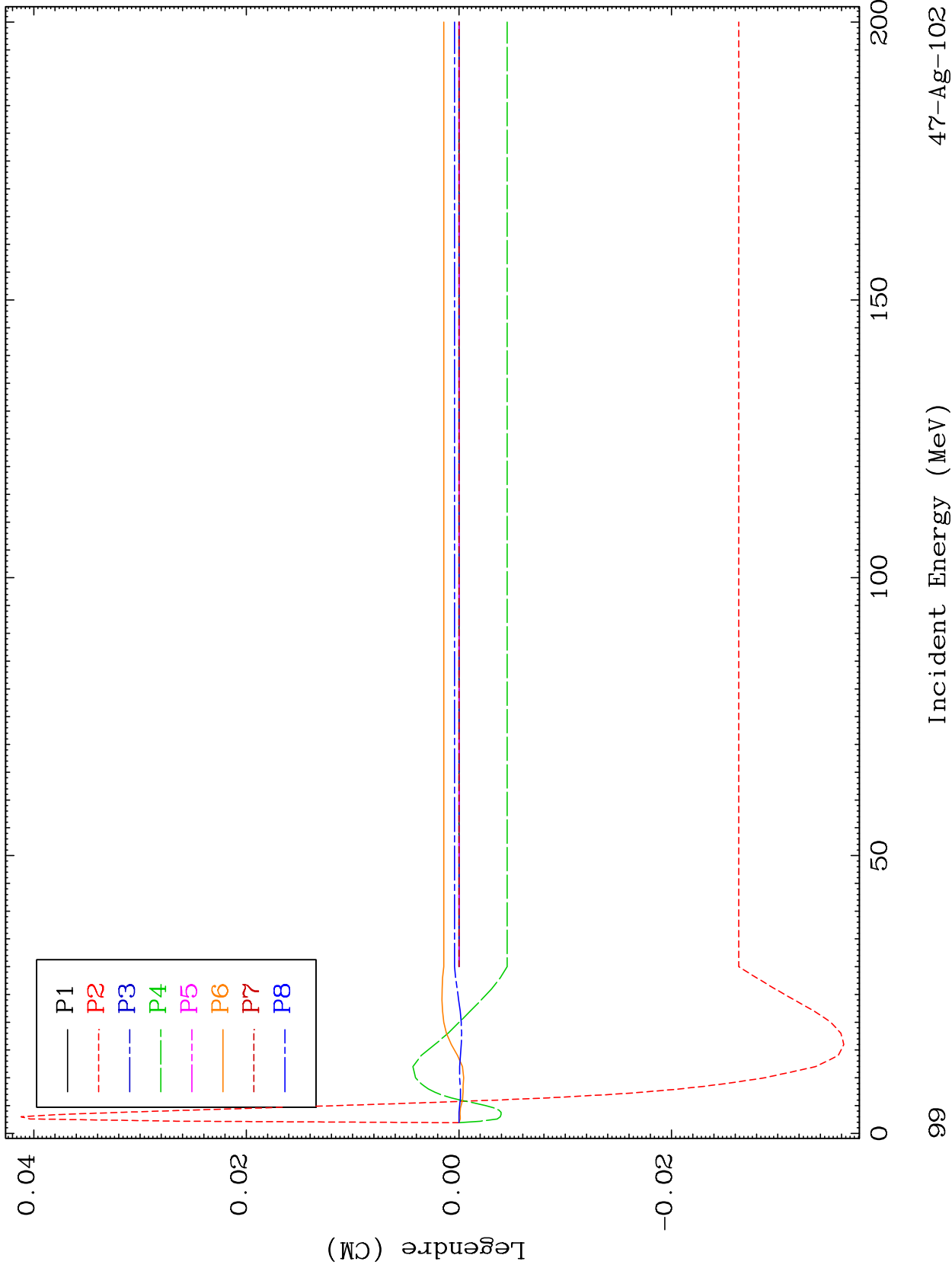
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



47-Ag-102

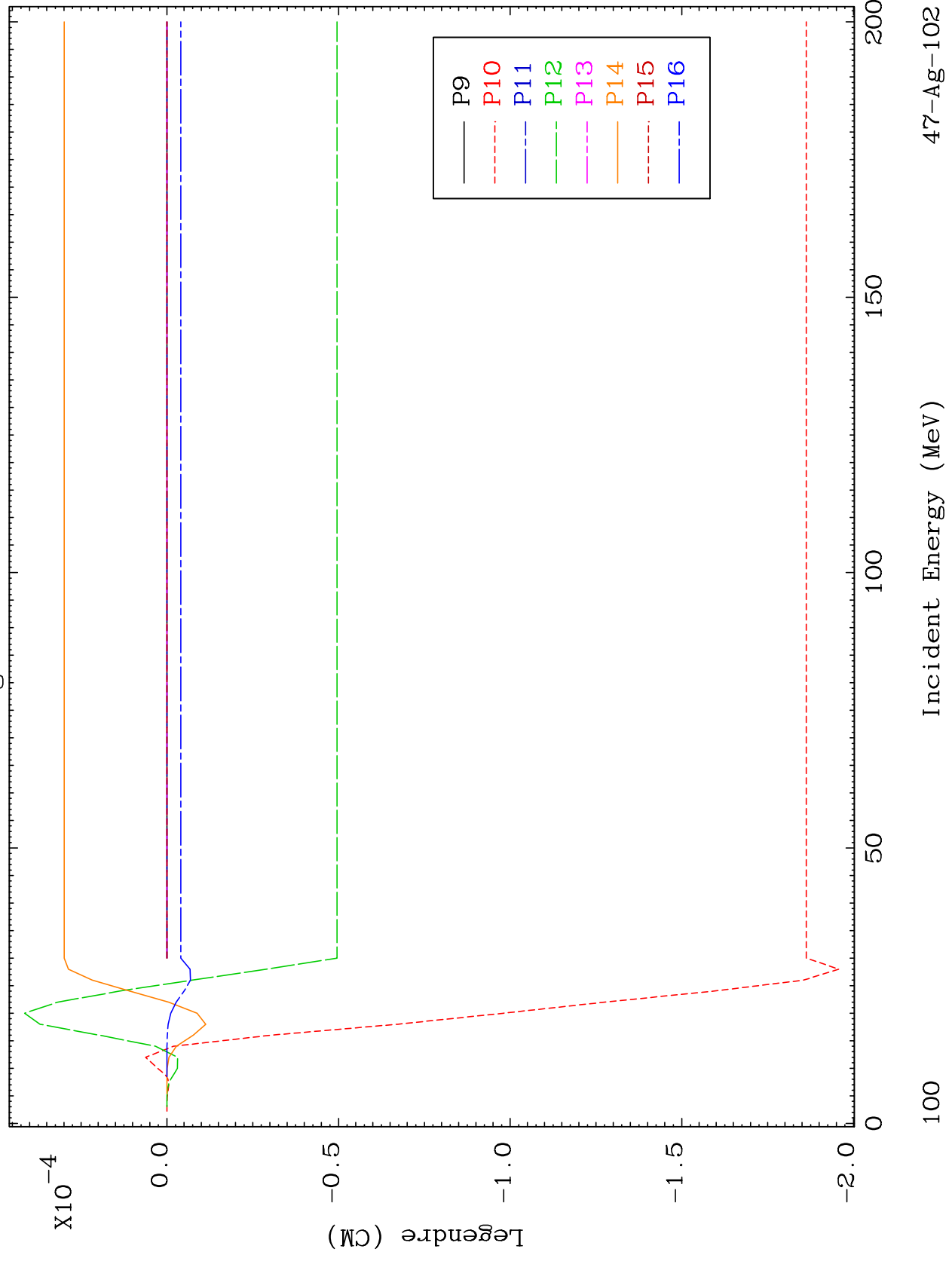
Incident Energy (MeV)

99

MAT 4710

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

47-Ag-102

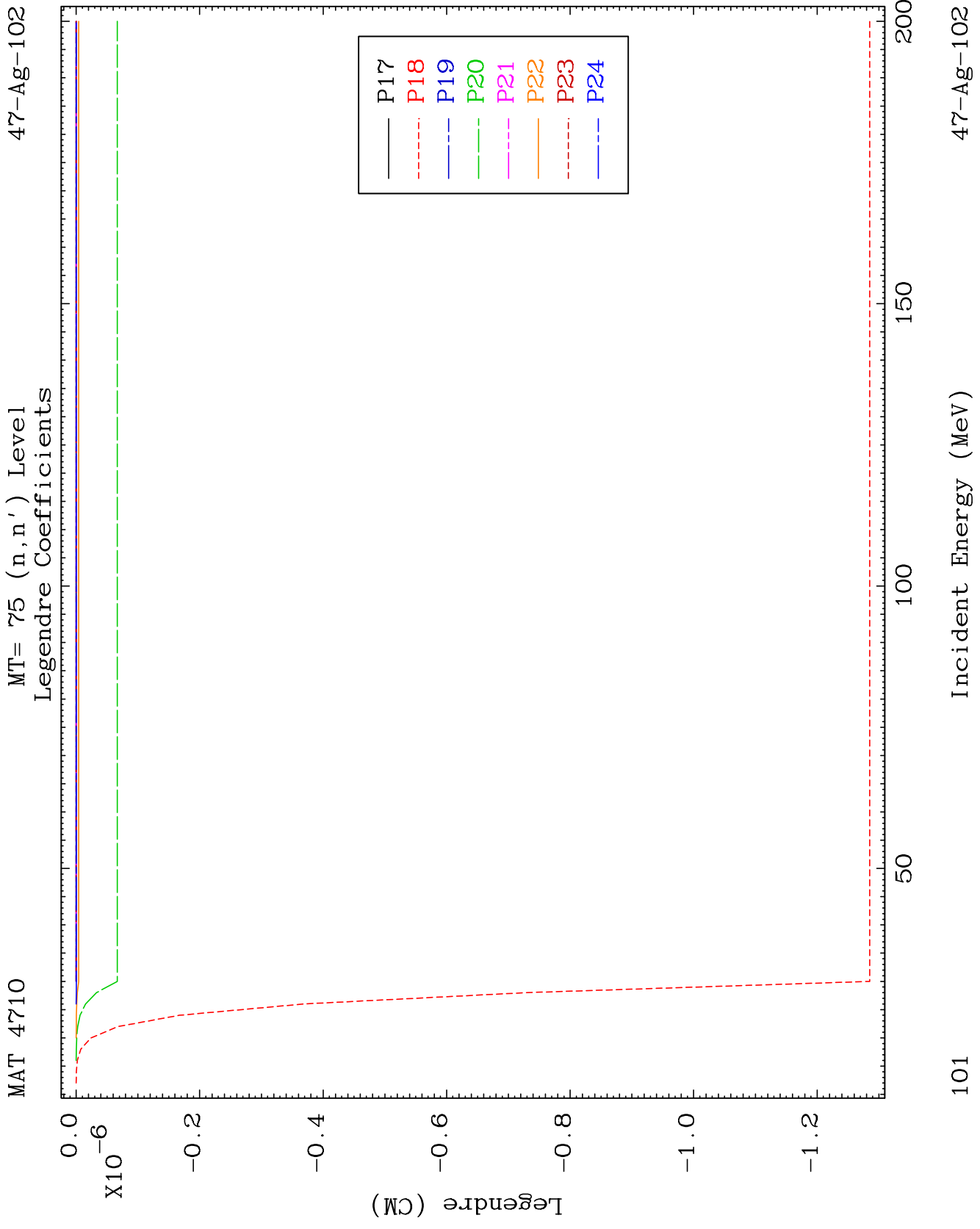


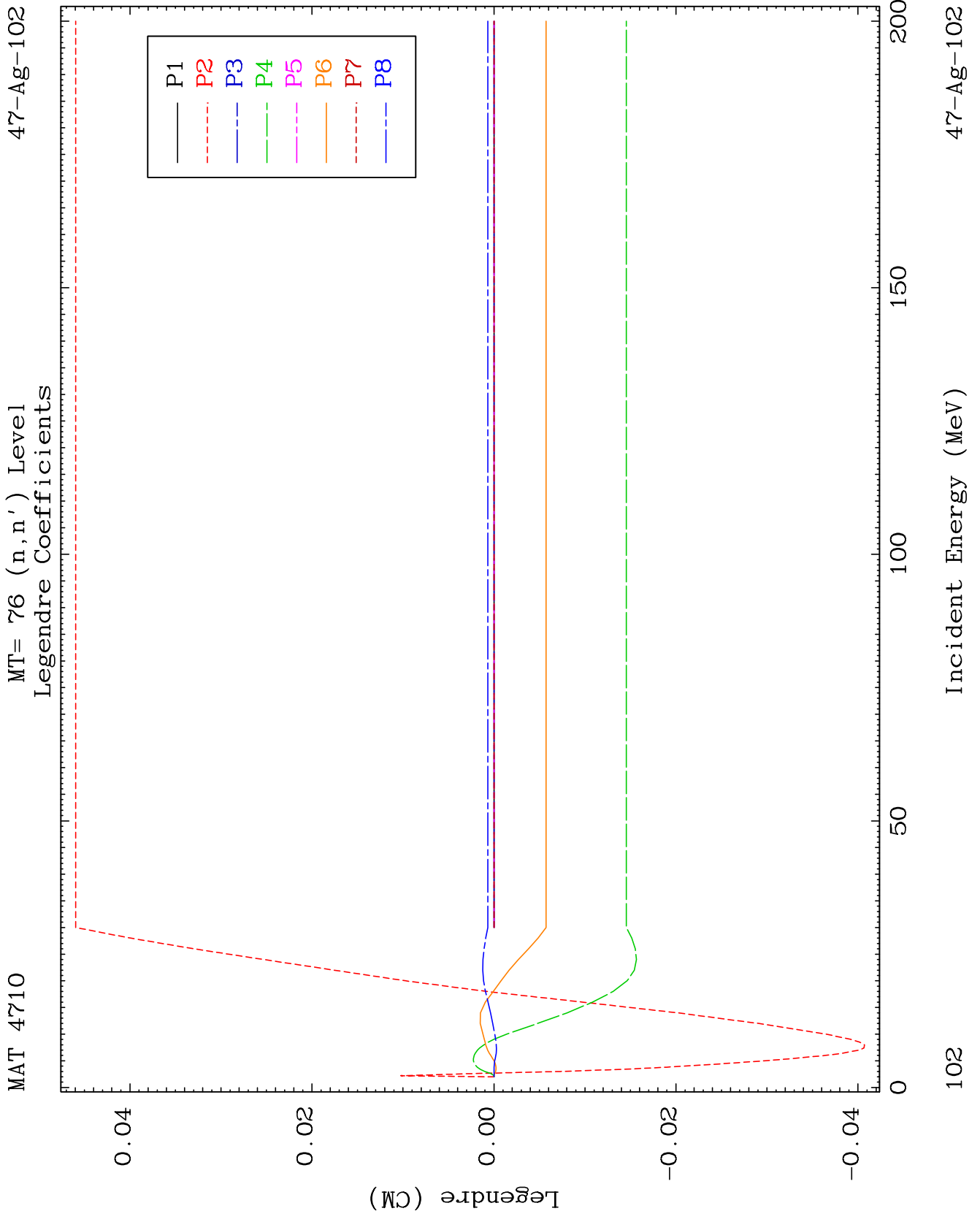
100

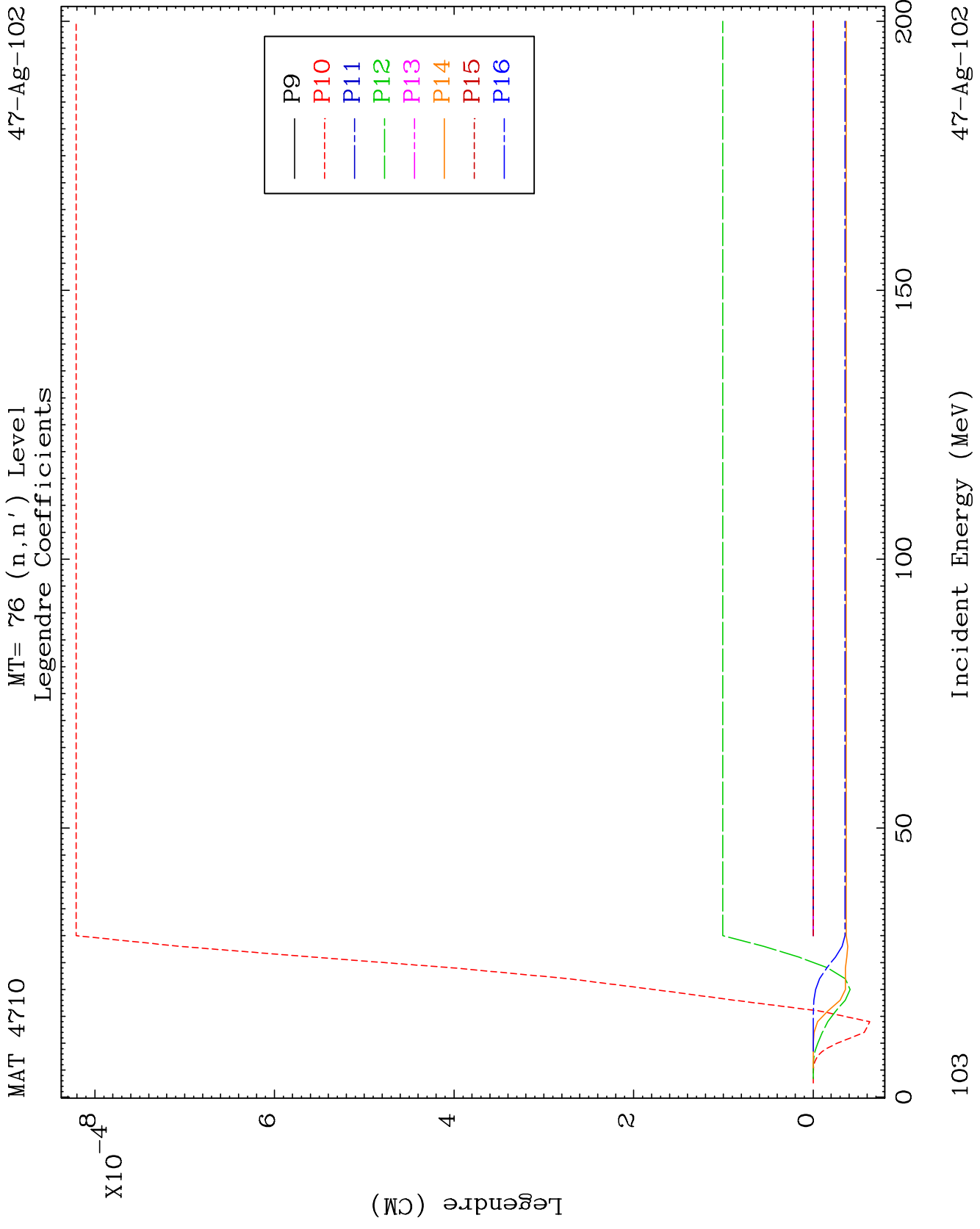
Incident Energy (MeV)

150

47-Ag-102



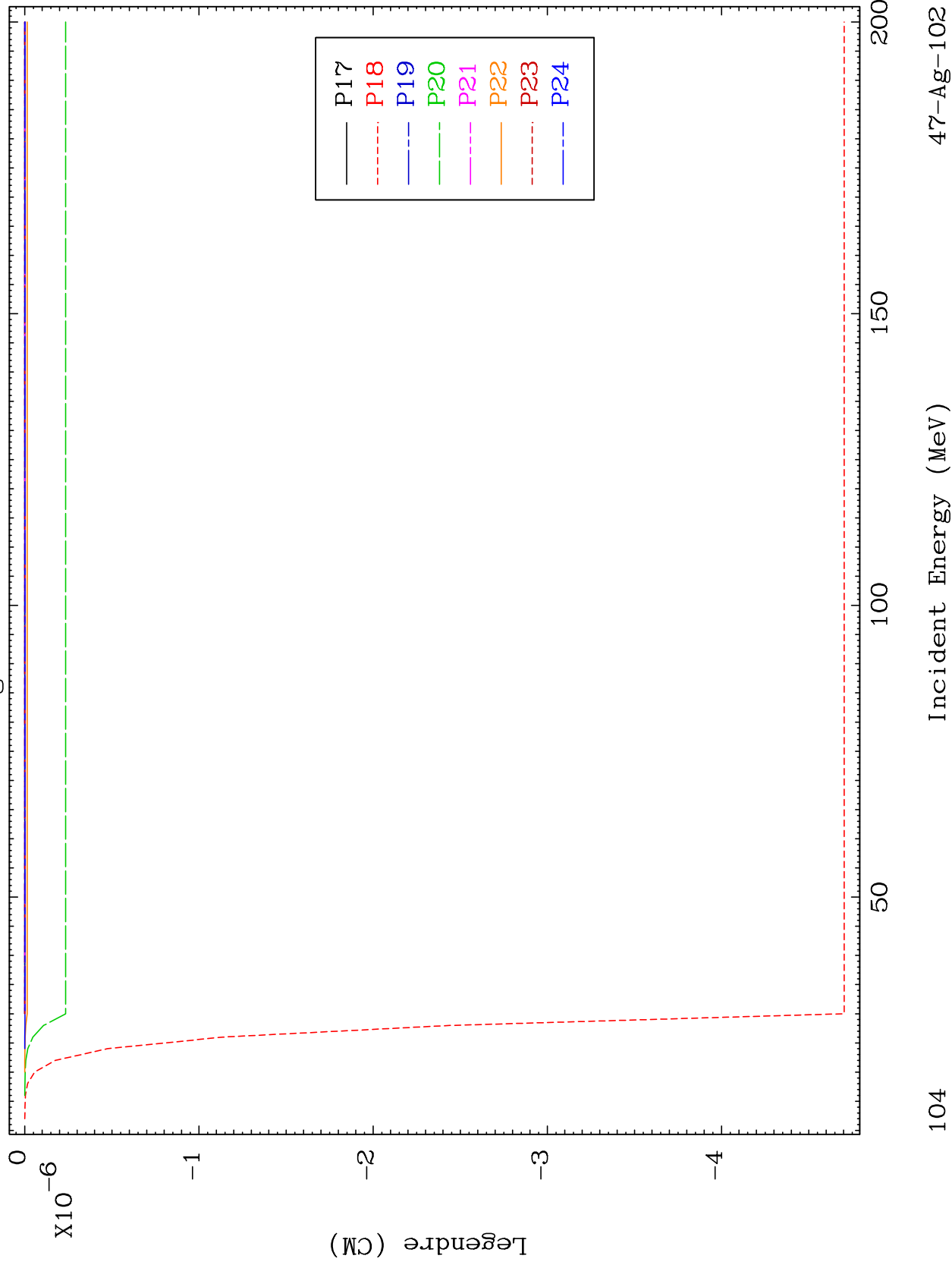




MAT 4710

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

47-Ag-102



104

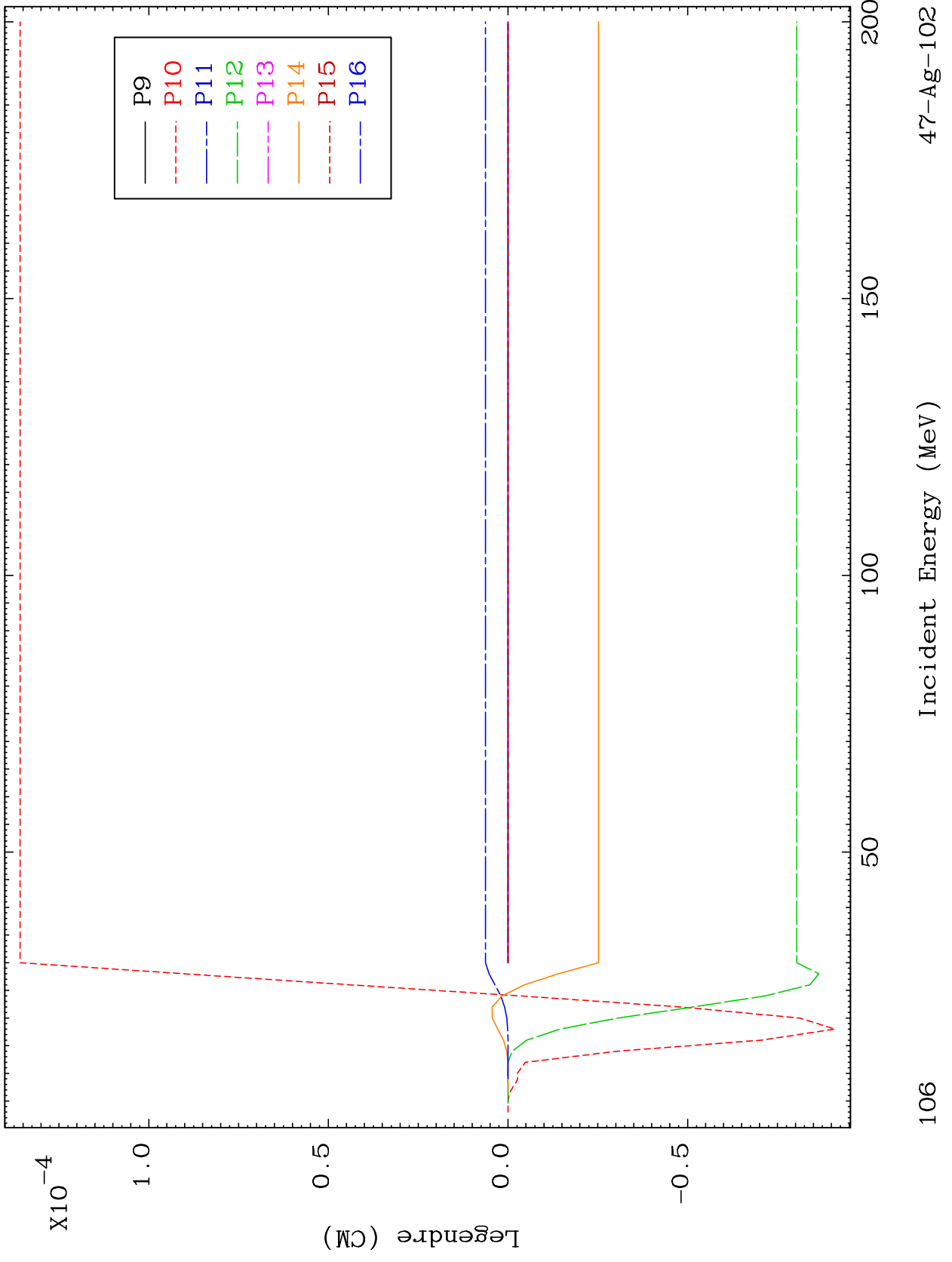
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

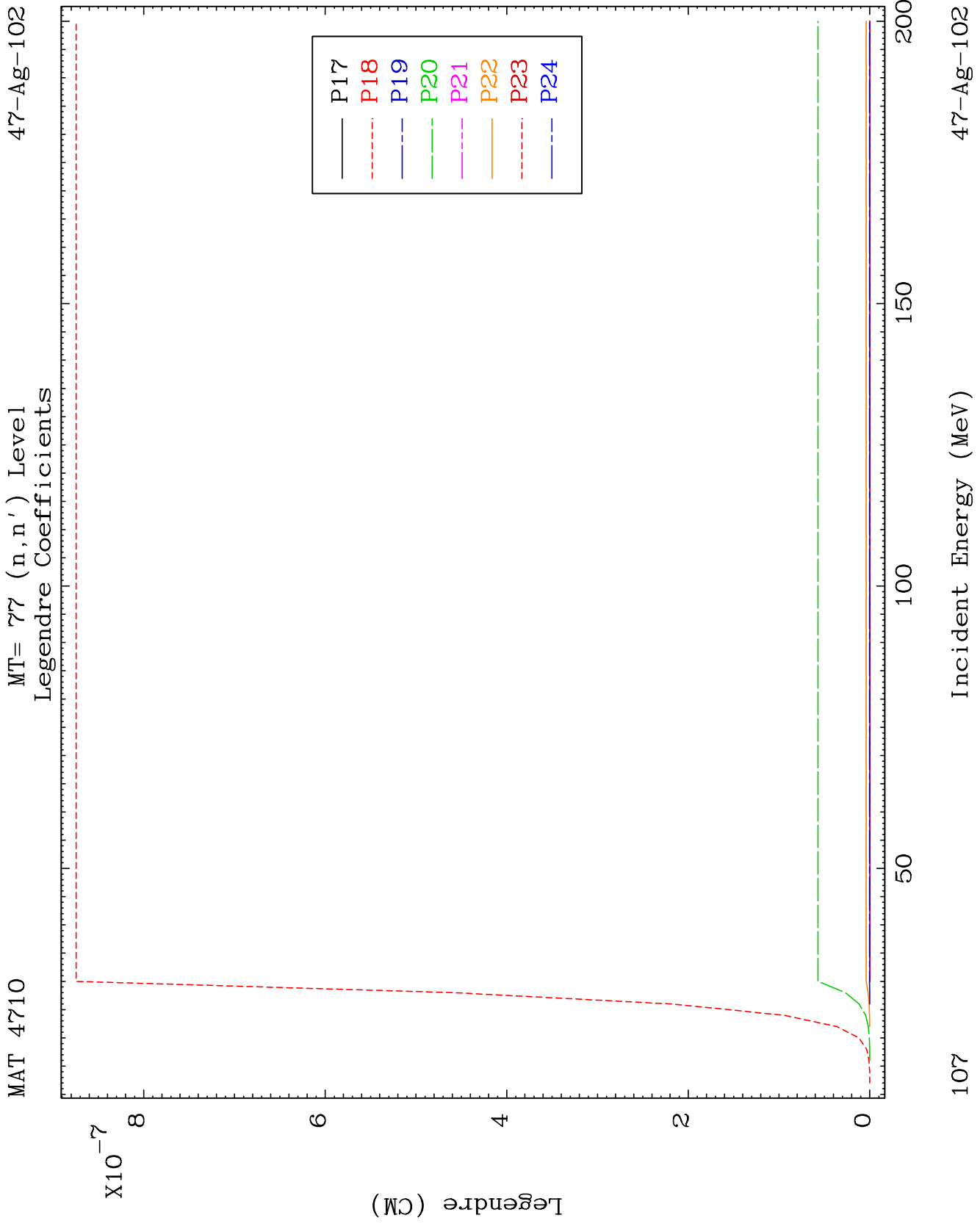
47-Ag-102



106

Incident Energy (MeV)

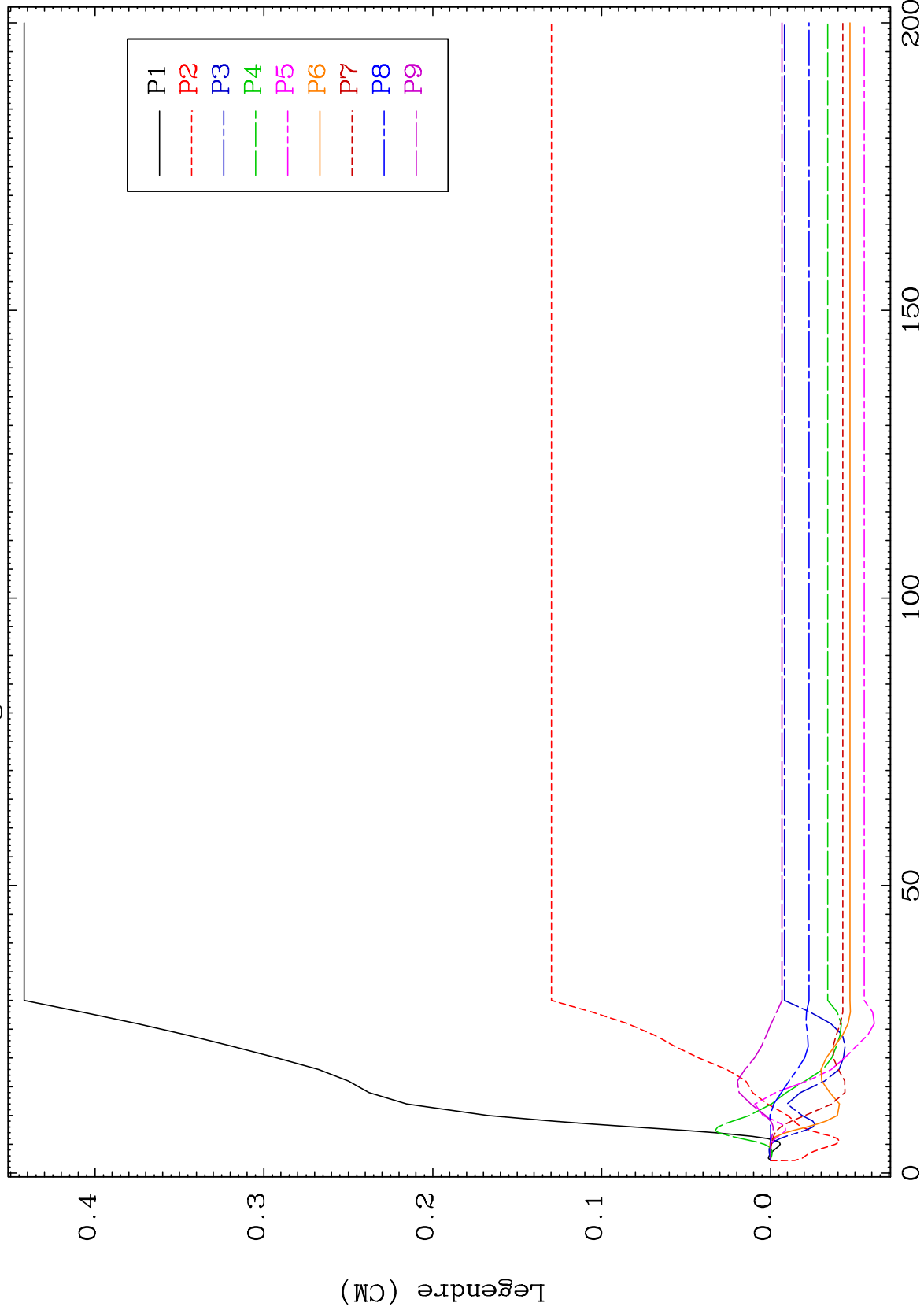
47-Ag-102



MAT 4710

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

47-Ag-102



108

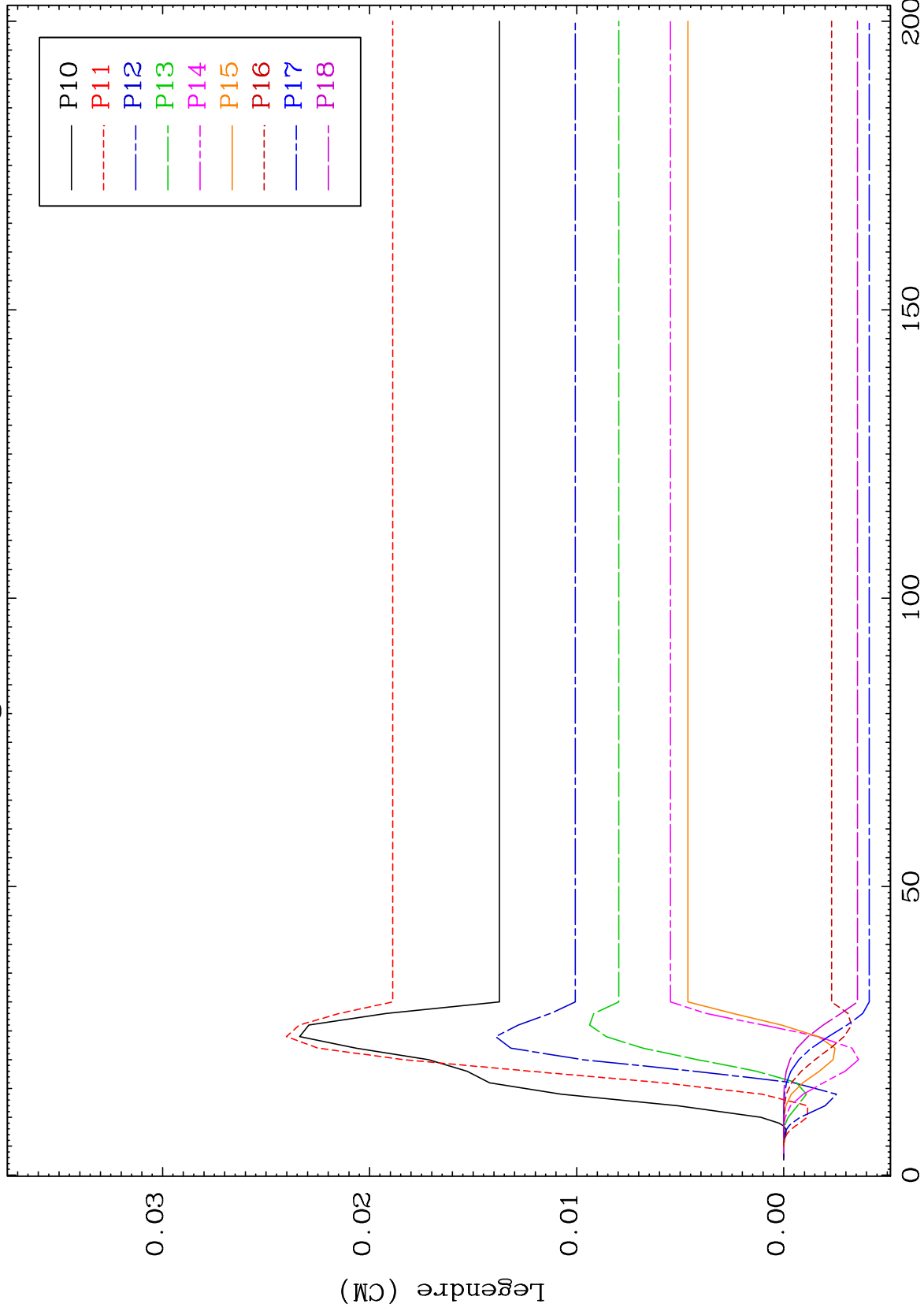
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



109

Incident Energy (MeV)

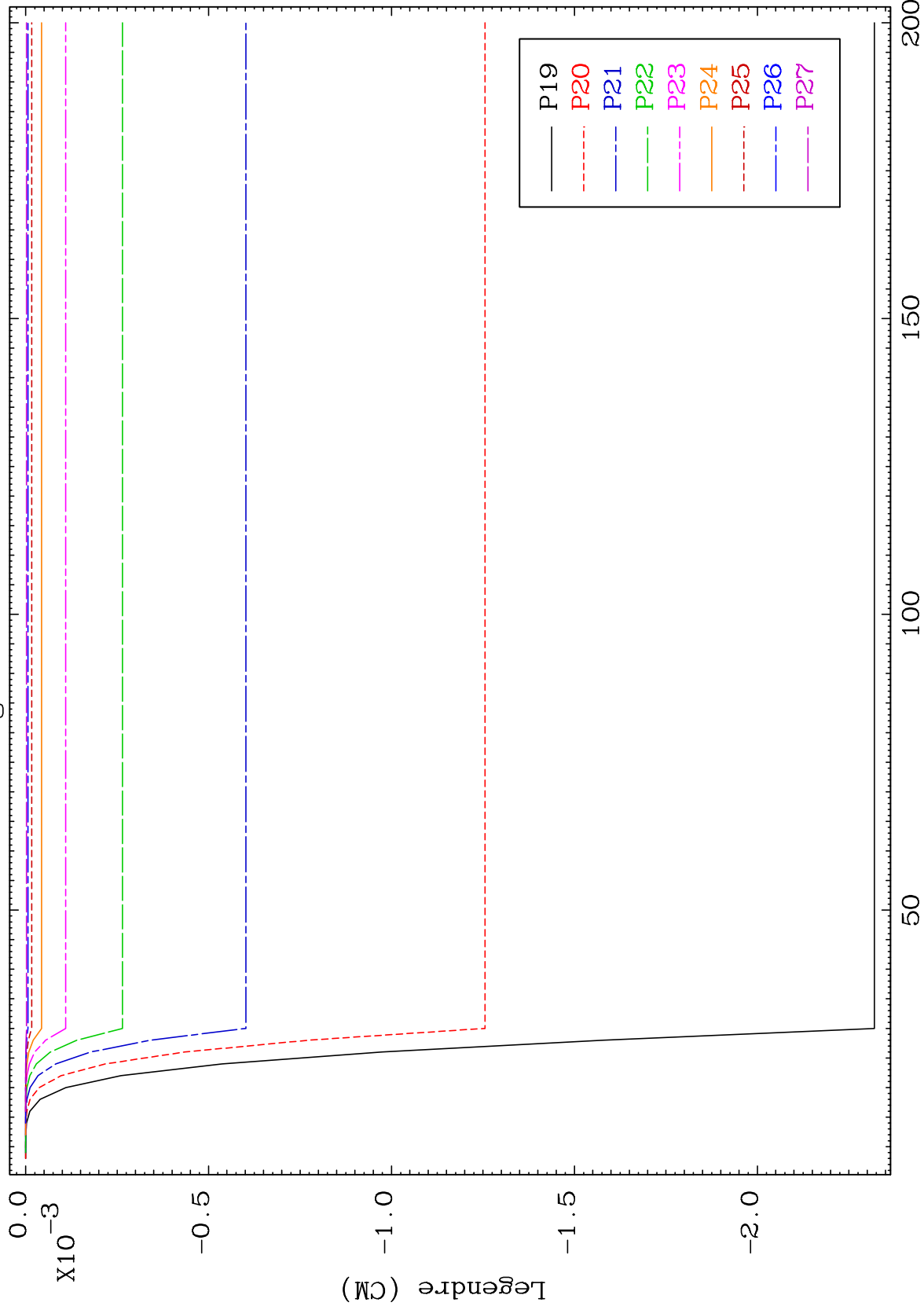
47-Ag-102

MAT 4710

MT= 78 (n,n') Level

47-Ag-102

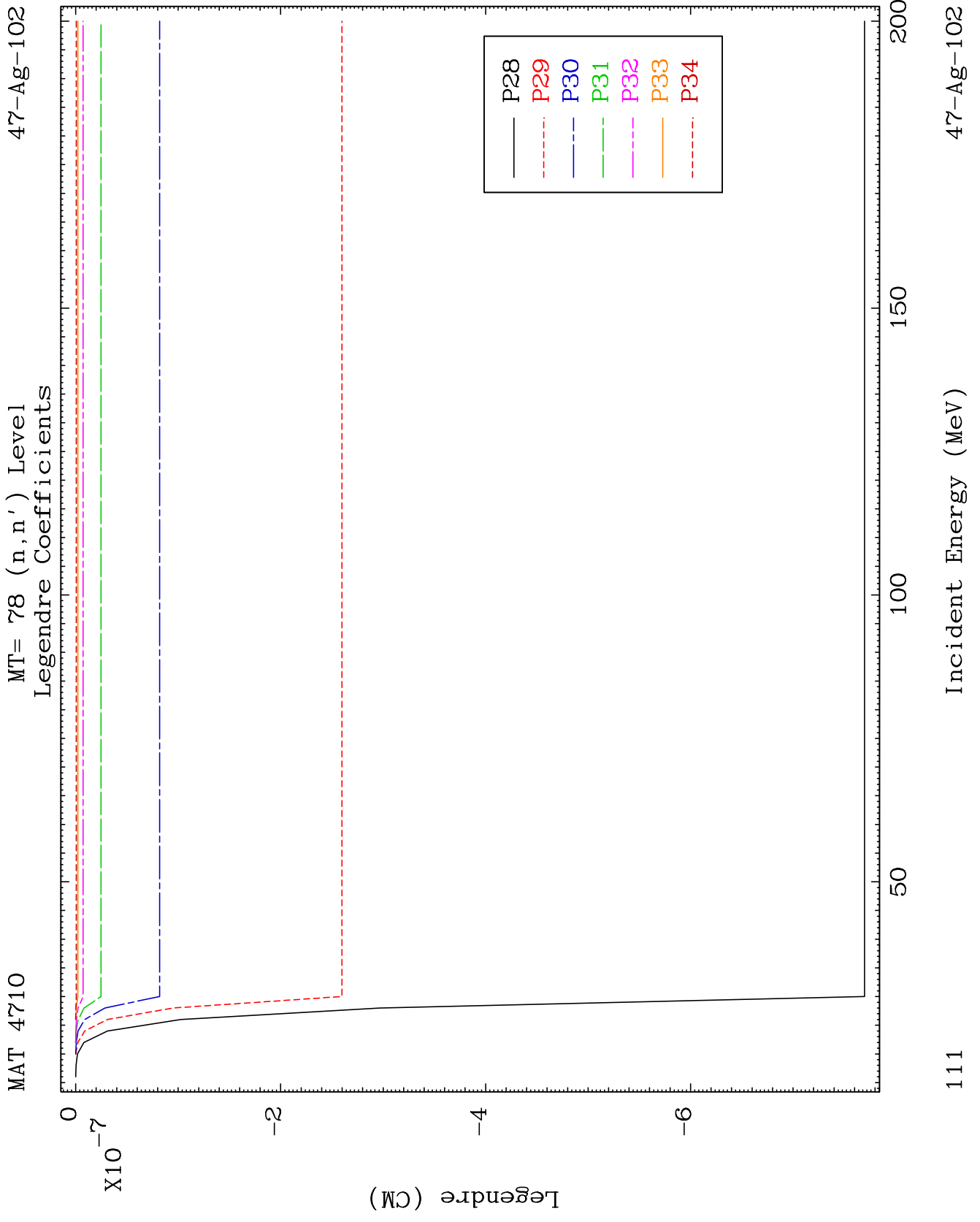
Legendre Coefficients



47-Ag-102

Incident Energy (MeV)

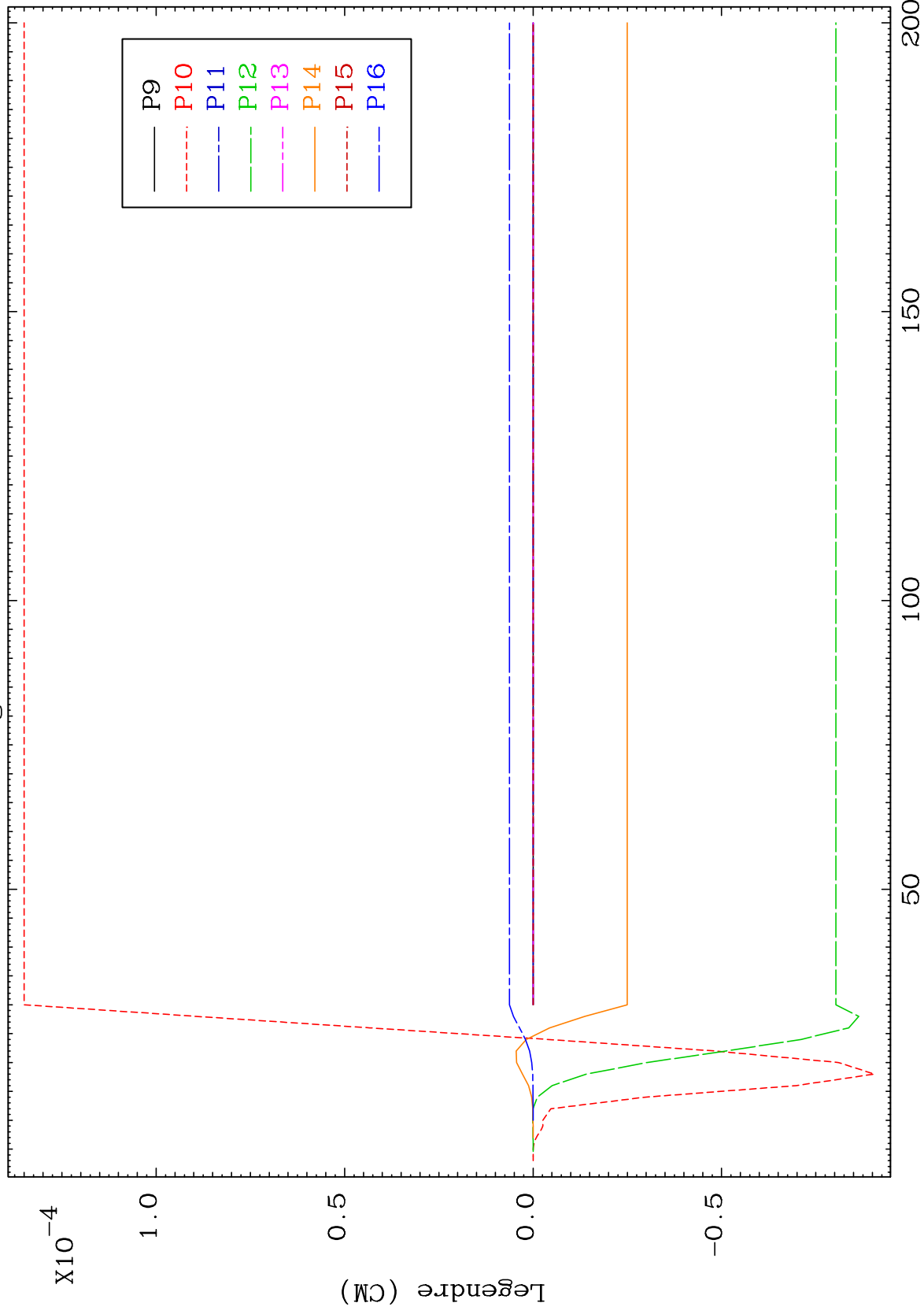
110



MAT 4710

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

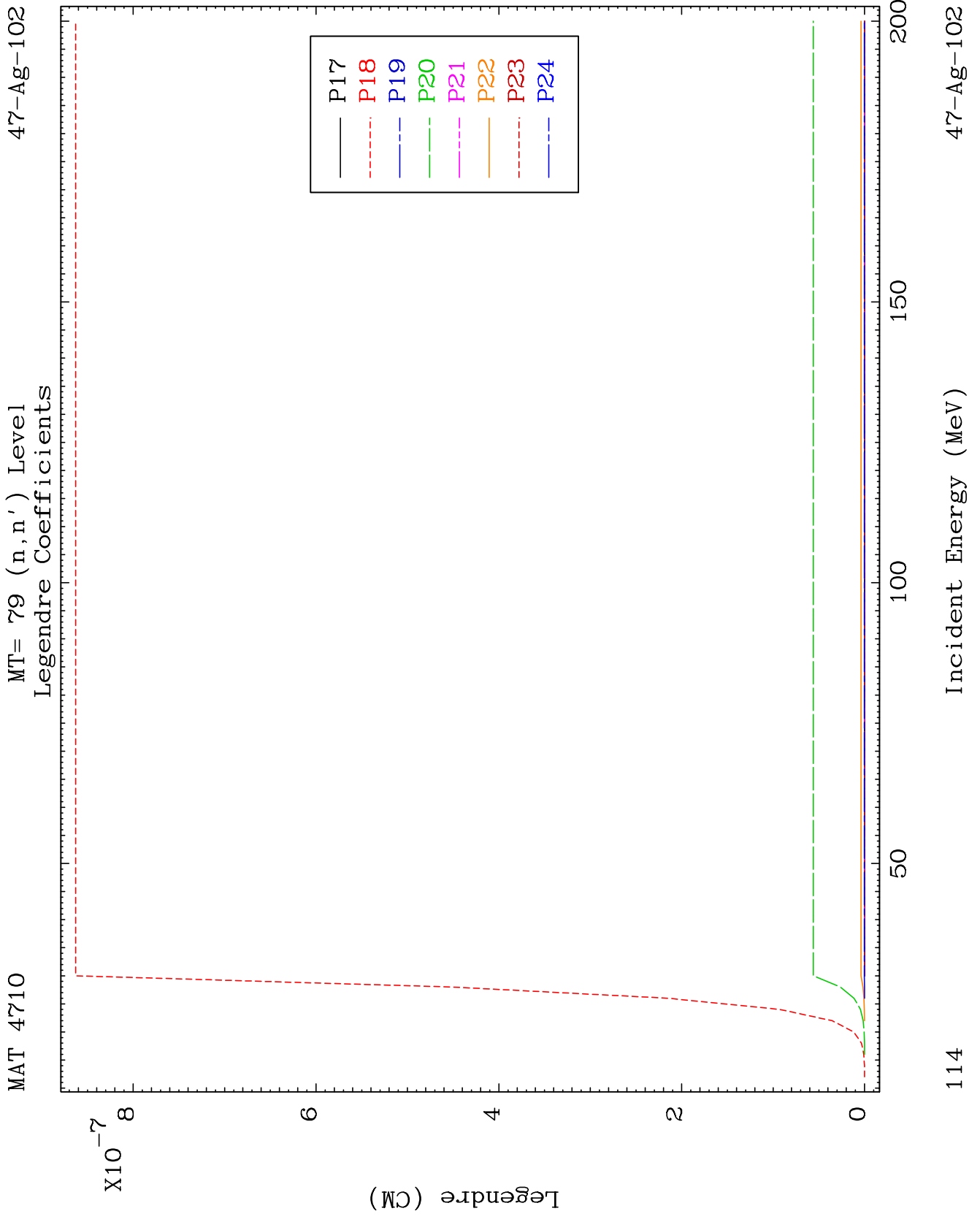
47-Ag-102



113

Incident Energy (MeV)

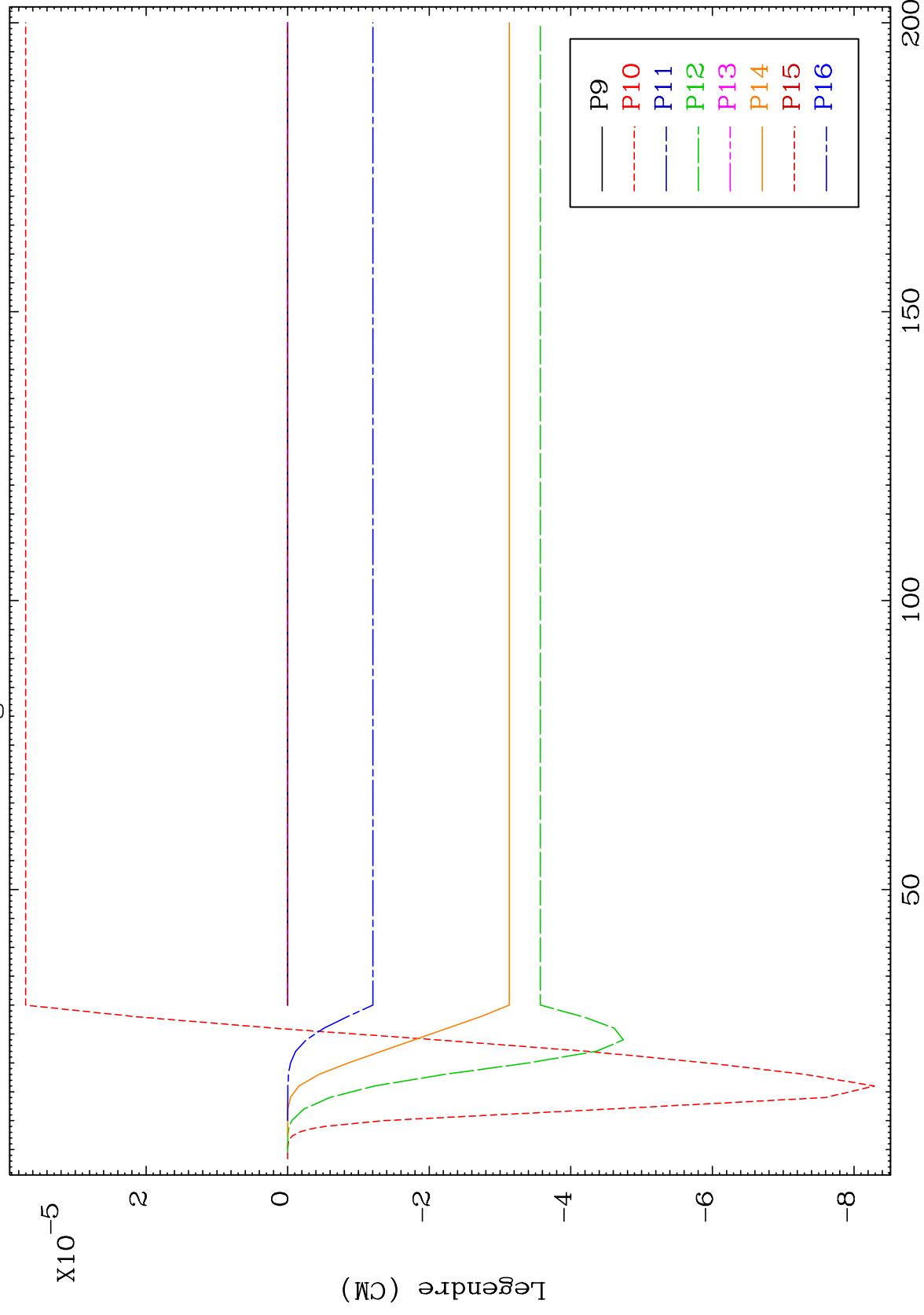
47-Ag-102



MAT 4710

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

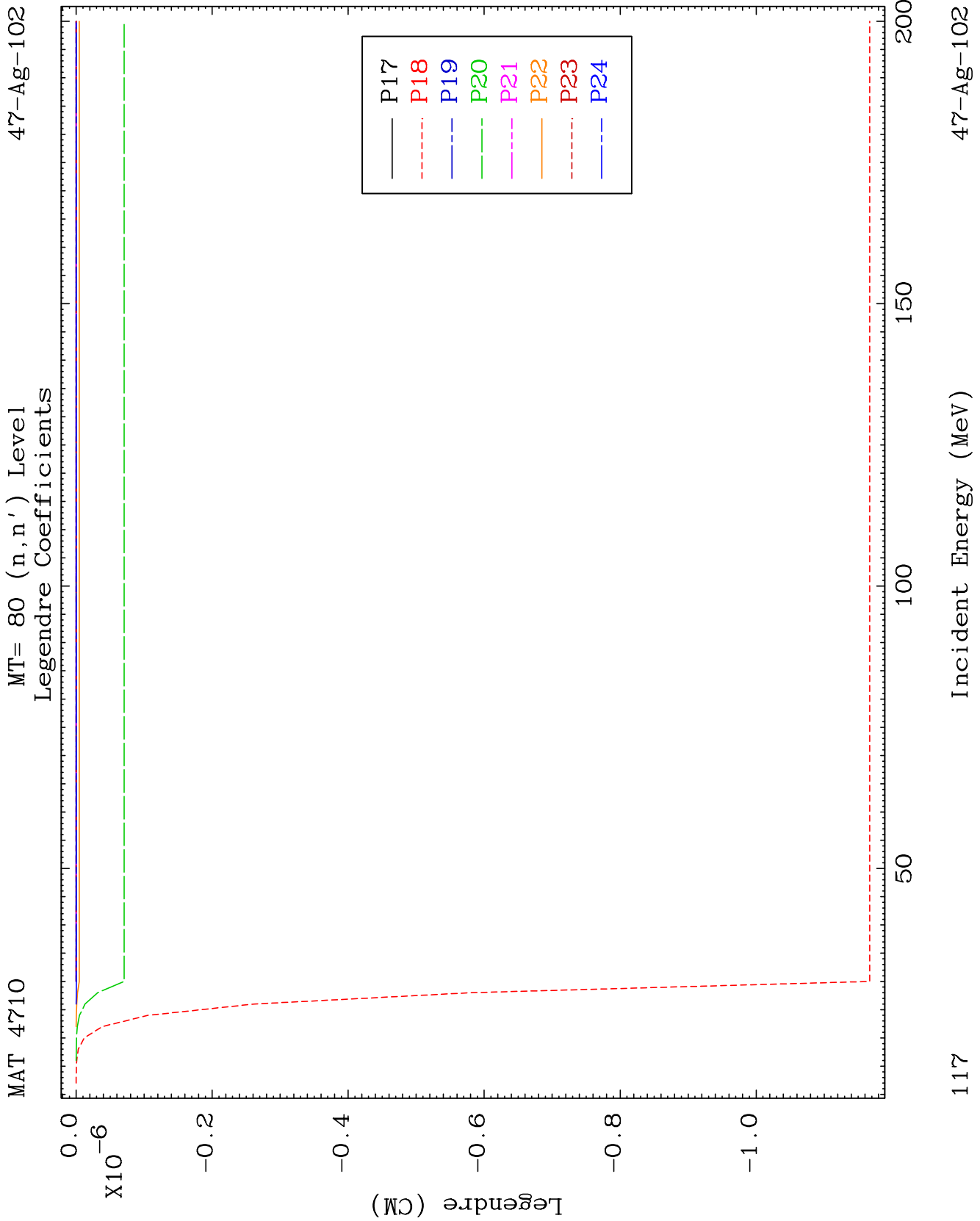
47-Ag-102



116

Incident Energy (MeV)

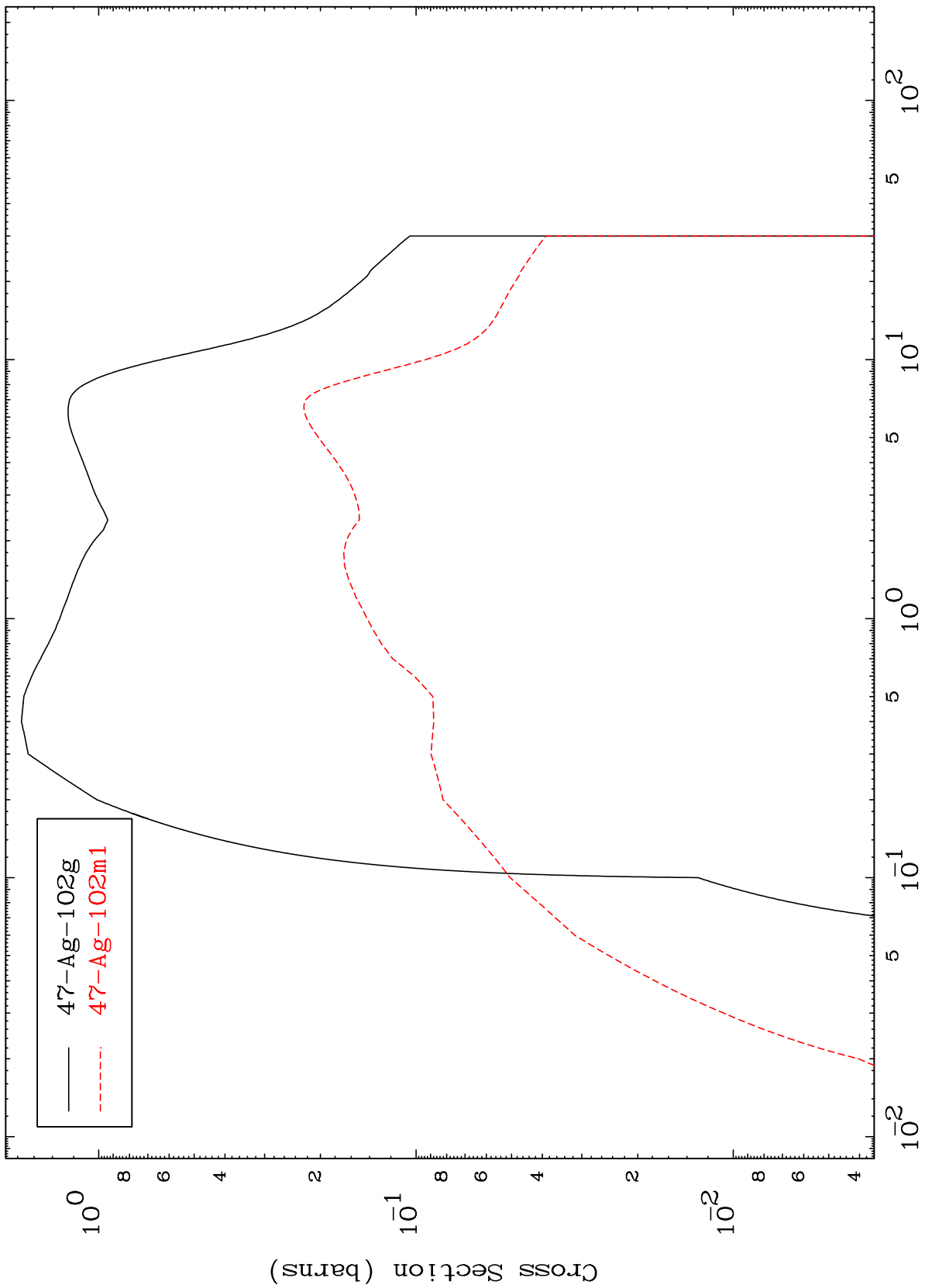
47-Ag-102



MAT 4710

47-Ag-102

Inelastic
Radionuclide Production Cross Section



— 47-Ag-102g
- - - 47-Ag-102m1

47-Ag-102

Incident Energy (MeV)

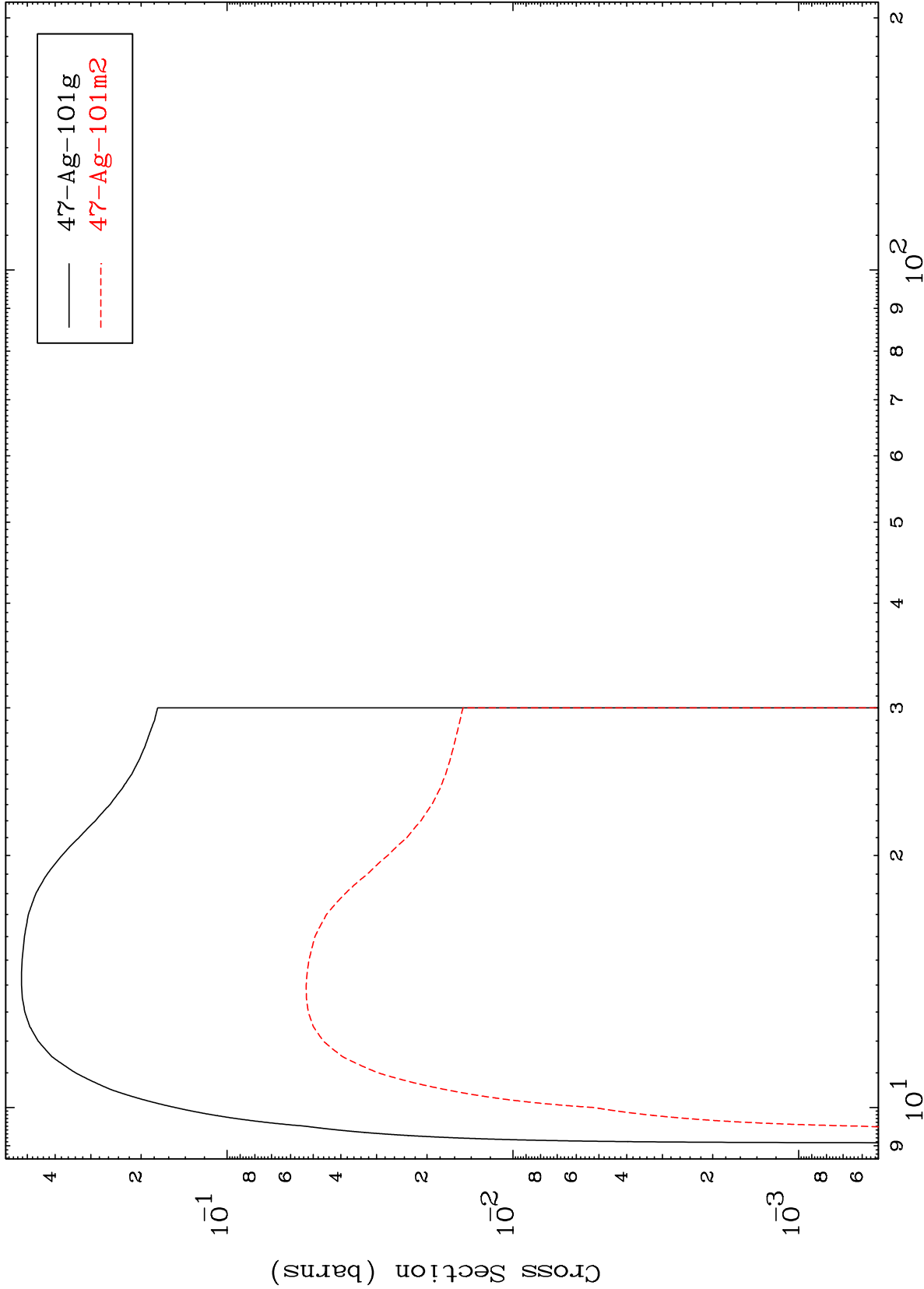
118

MAT 4710

(n,2n)

47-Ag-102

Radionuclide Production Cross Section



47-Ag-101g
47-Ag-101m2

119

Incident Energy (MeV)

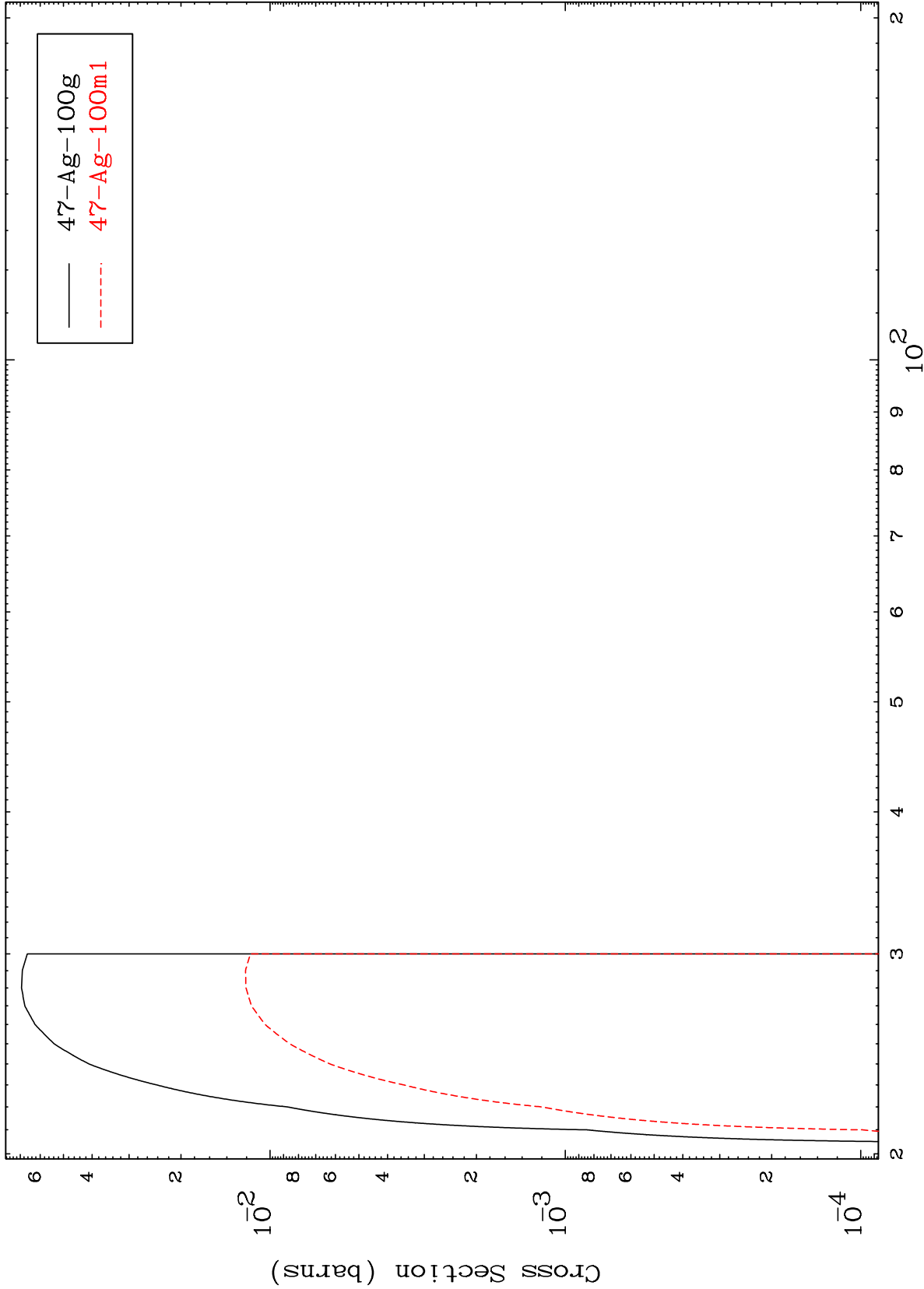
47-Ag-102

MAT 4710

(n,3n)

47-Ag-102

Radionuclide Production Cross Section



120

Incident Energy (MeV)

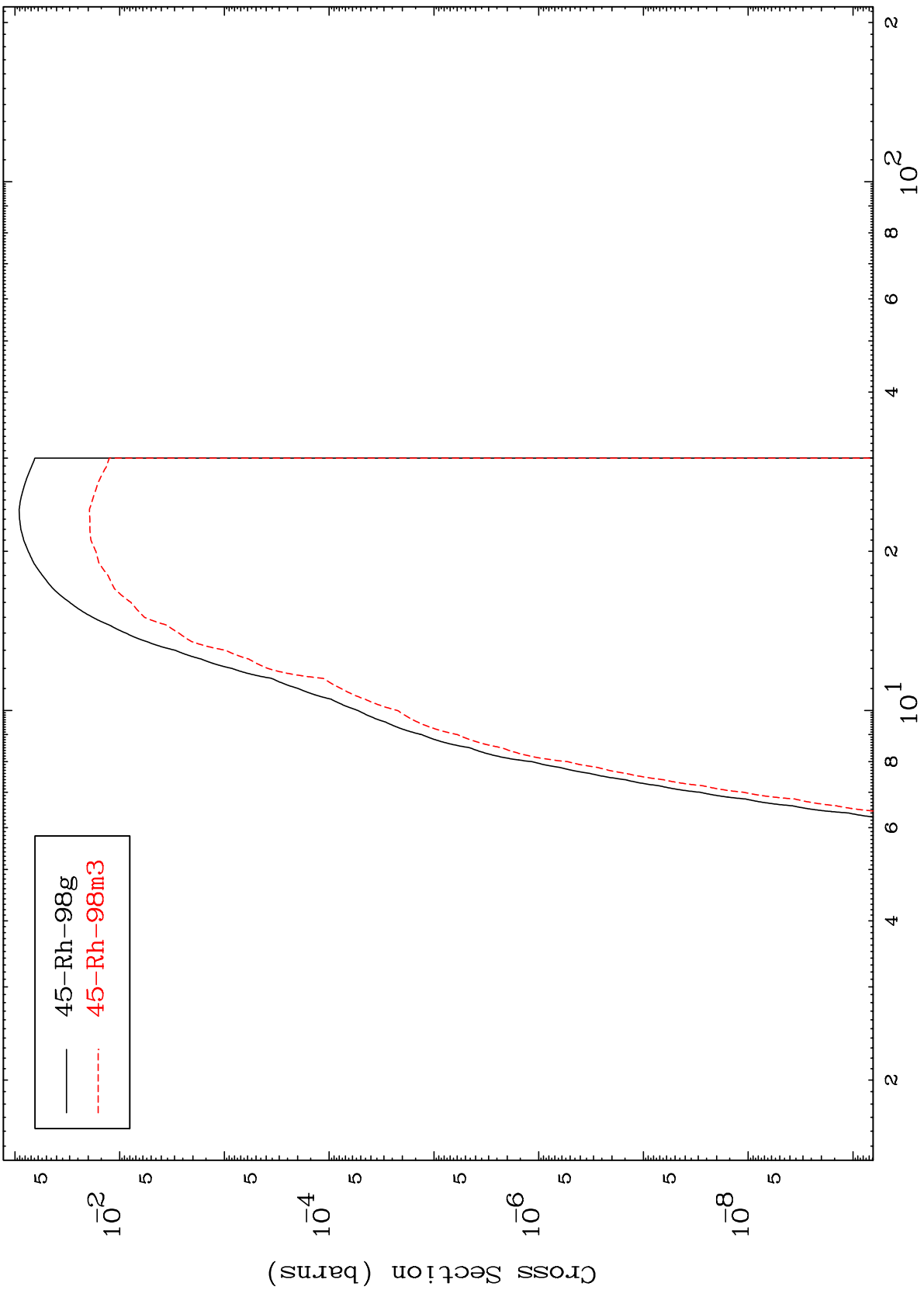
47-Ag-102

MAT 4710

47-Ag-102

(n,n') α

Radionuclide Production Cross Section



— 45-Rh-98g
- - - 45-Rh-98m3

121

Incident Energy (MeV)

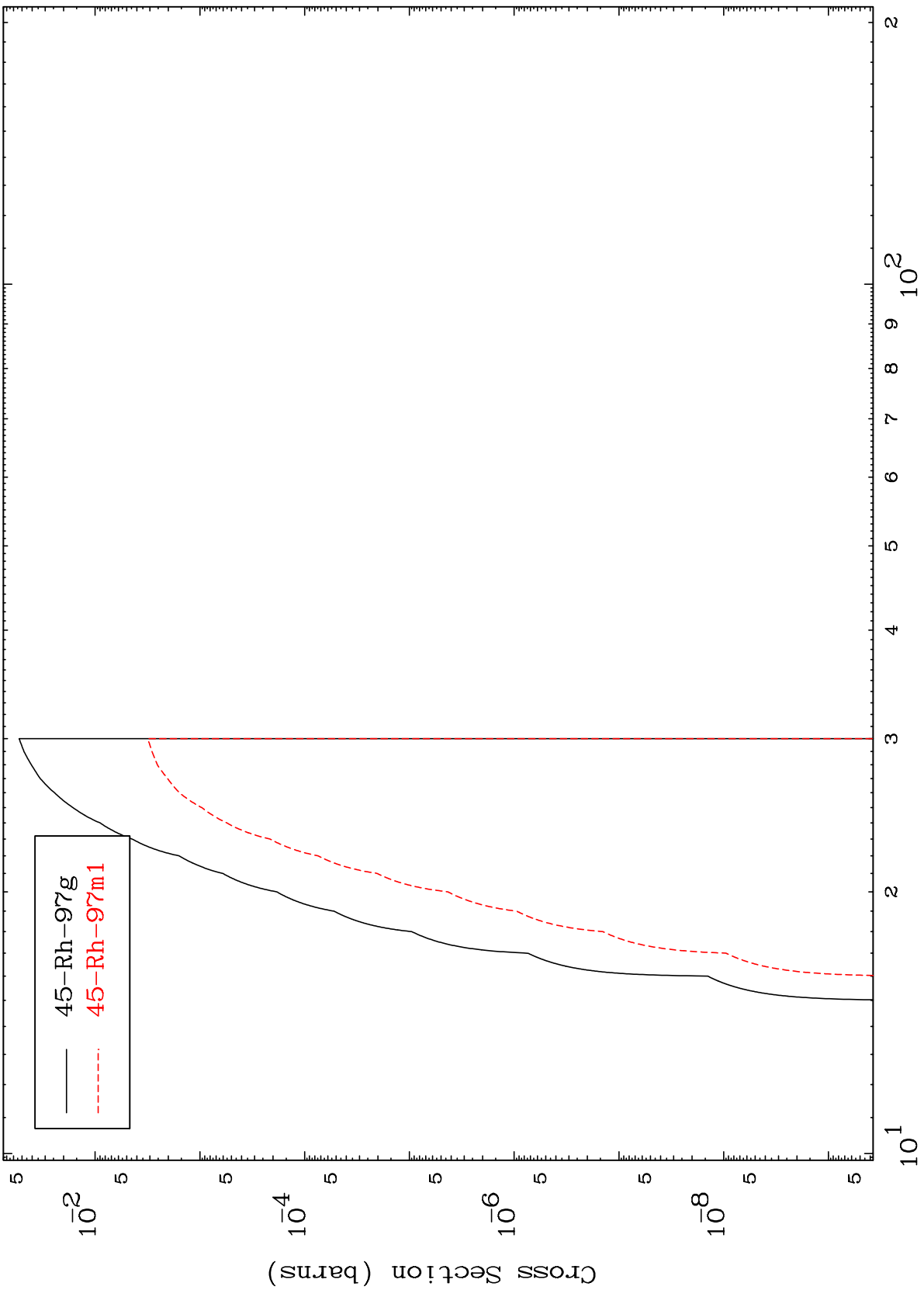
47-Ag-102

MAT 4710

(n,2n) α

47-Ag-102

Radionuclide Production Cross Section



45-Rh-97g
45-Rh-97m1

Incident Energy (MeV)

47-Ag-102

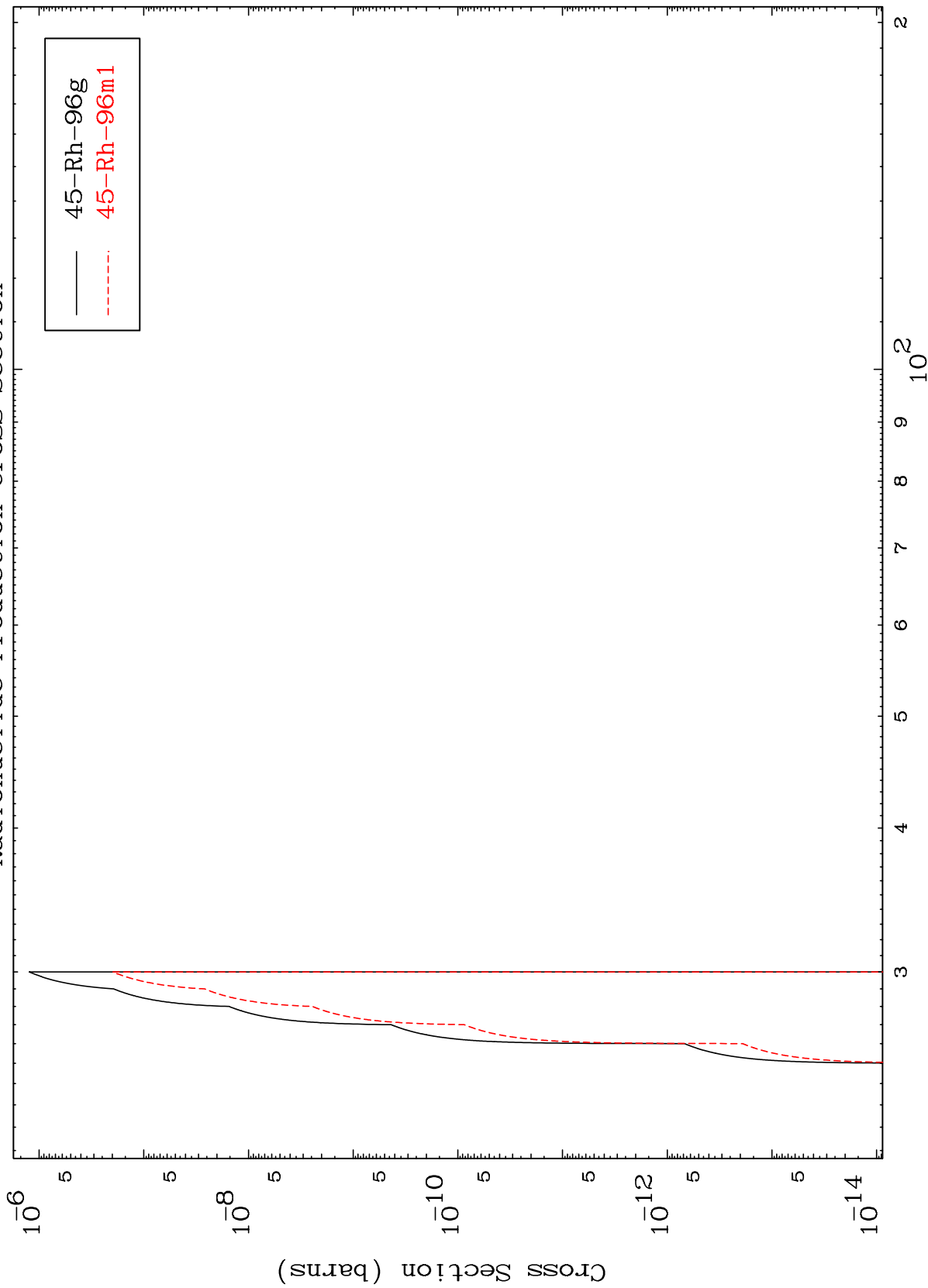
122

MAT 4710

(n,3n) α

47-Ag-102

Radionuclide Production Cross Section



45-Rh-96g
45-Rh-96m1

123

Incident Energy (MeV)

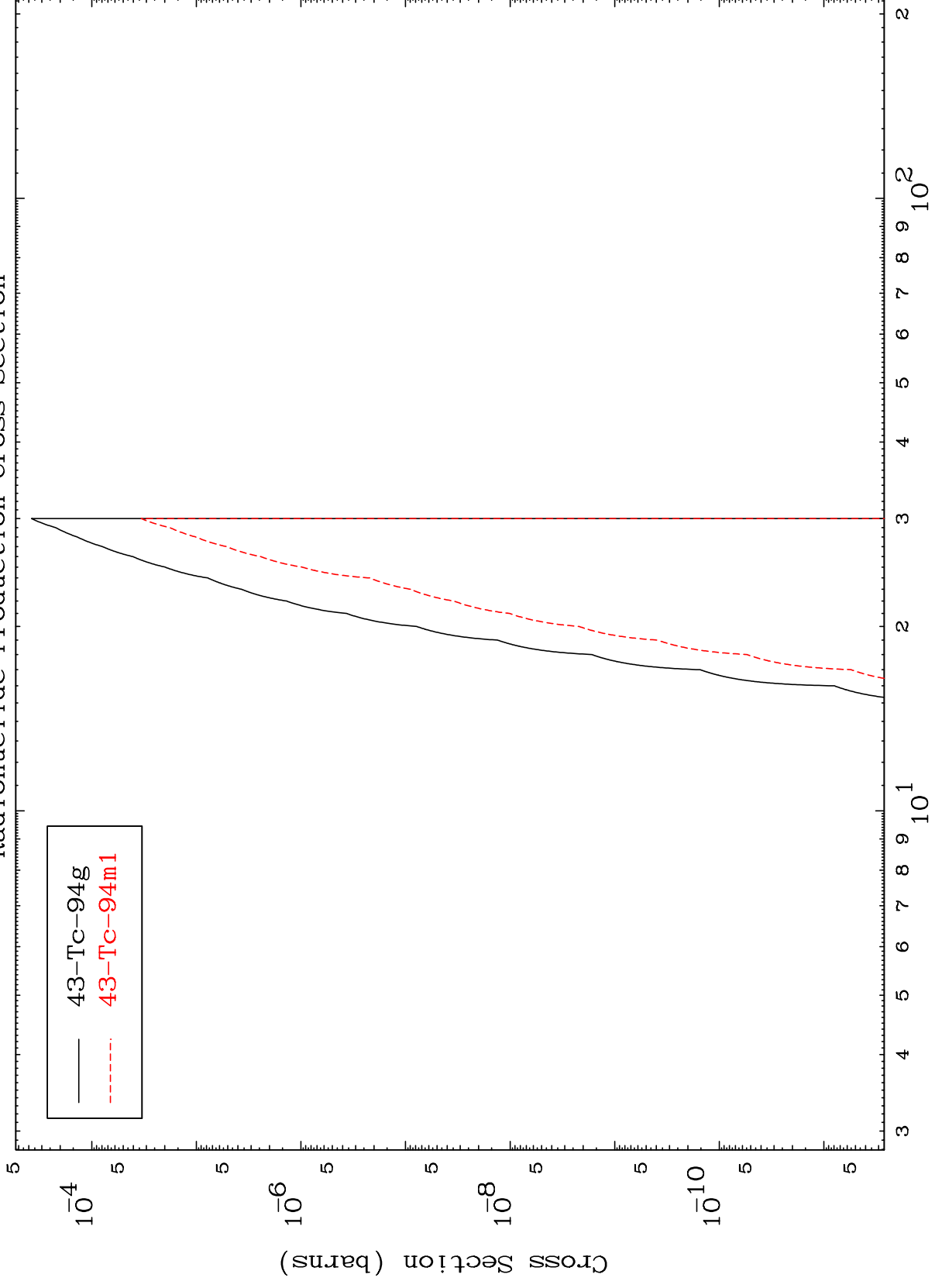
47-Ag-102

MAT 4710

(n,n') 2α

47-Ag-102

Radionuclide Production Cross Section



— 43-Tc-94g
- - - 43-Tc-94m1

124

Incident Energy (MeV)

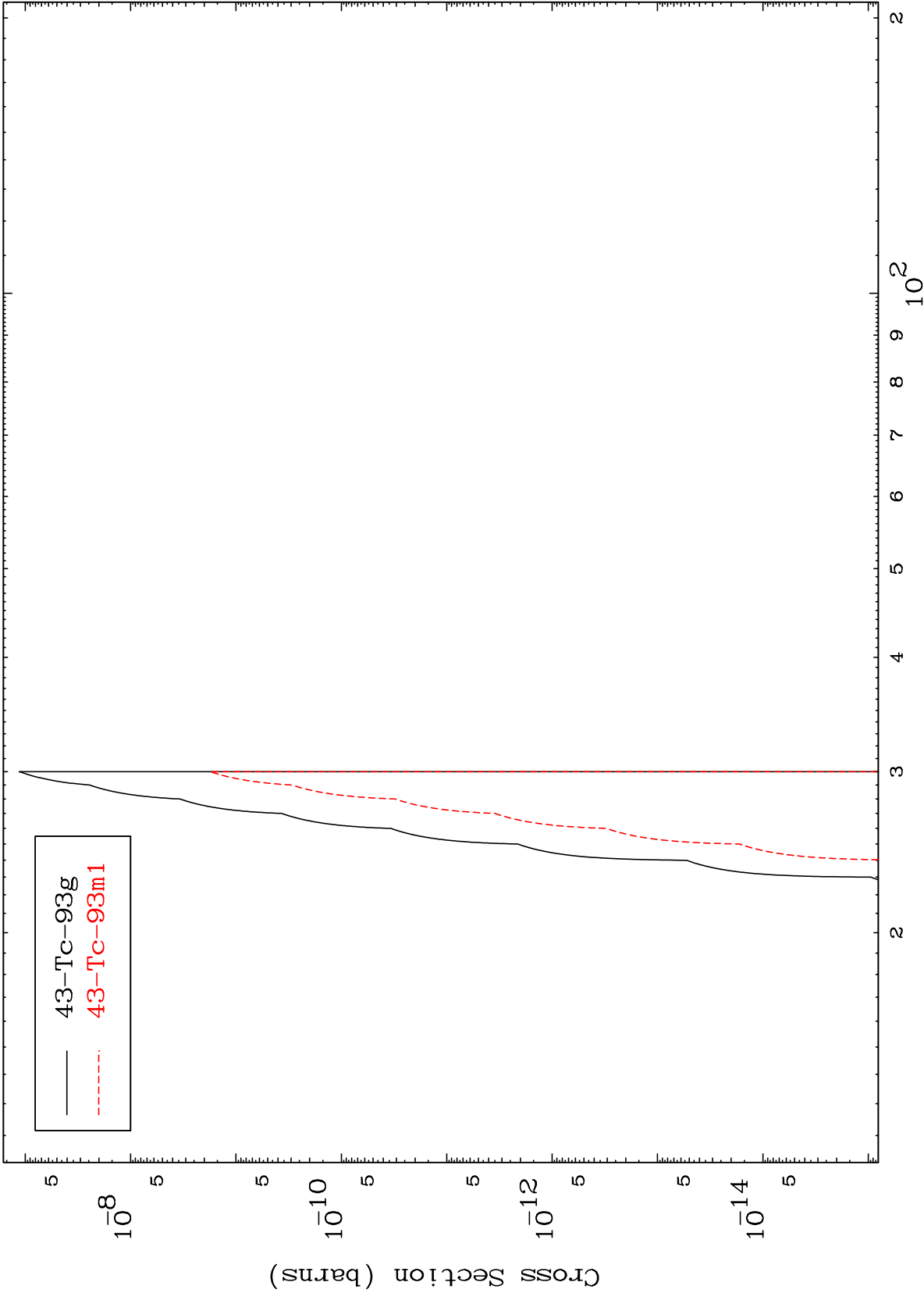
47-Ag-102

MAT 4710

(n,2n) 2 α

47-Ag-102

Radionuclide Production Cross Section

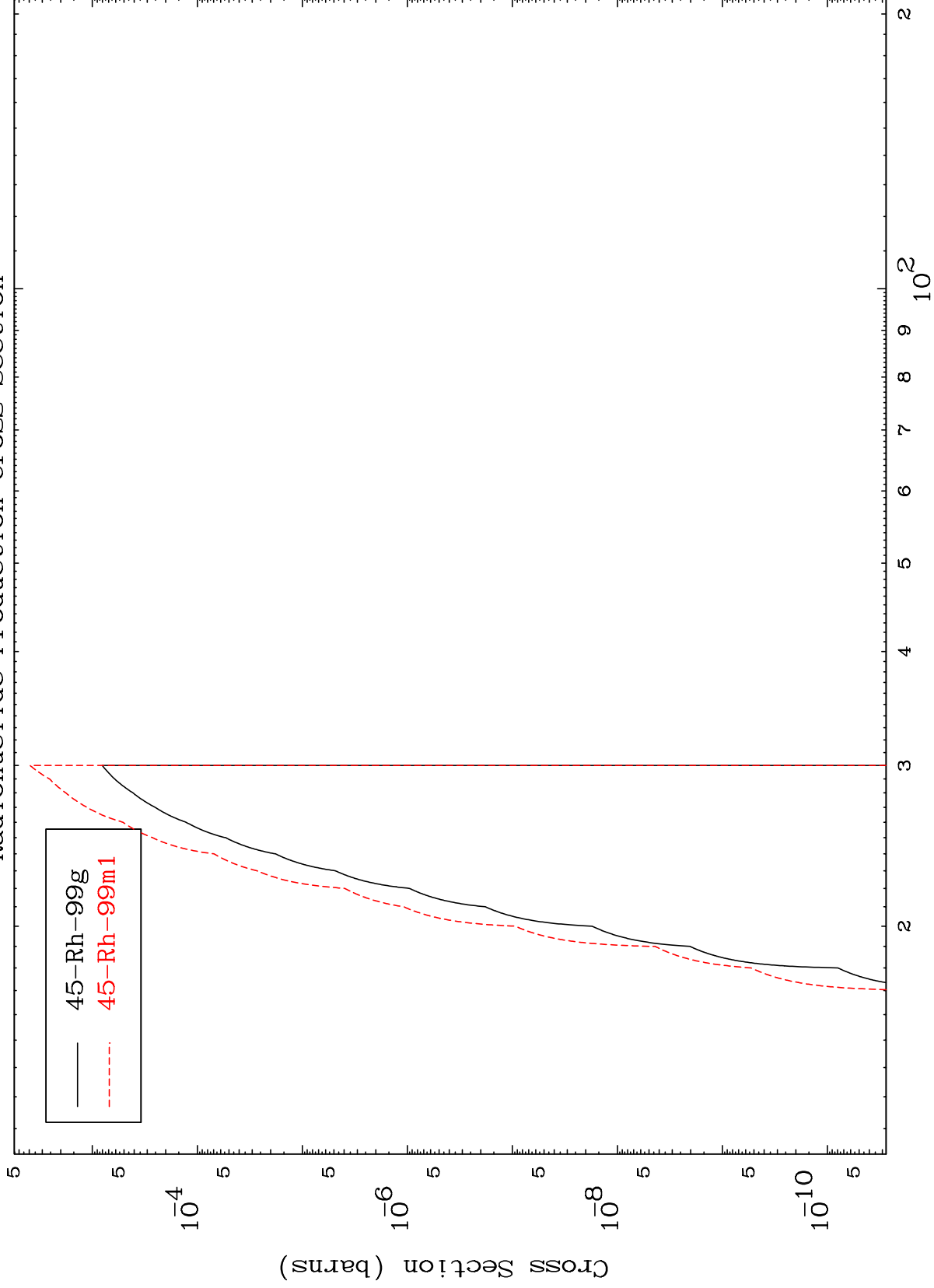


MAT 4710

(n,n') He-3

47-Ag-102

Radionuclide Production Cross Section



126

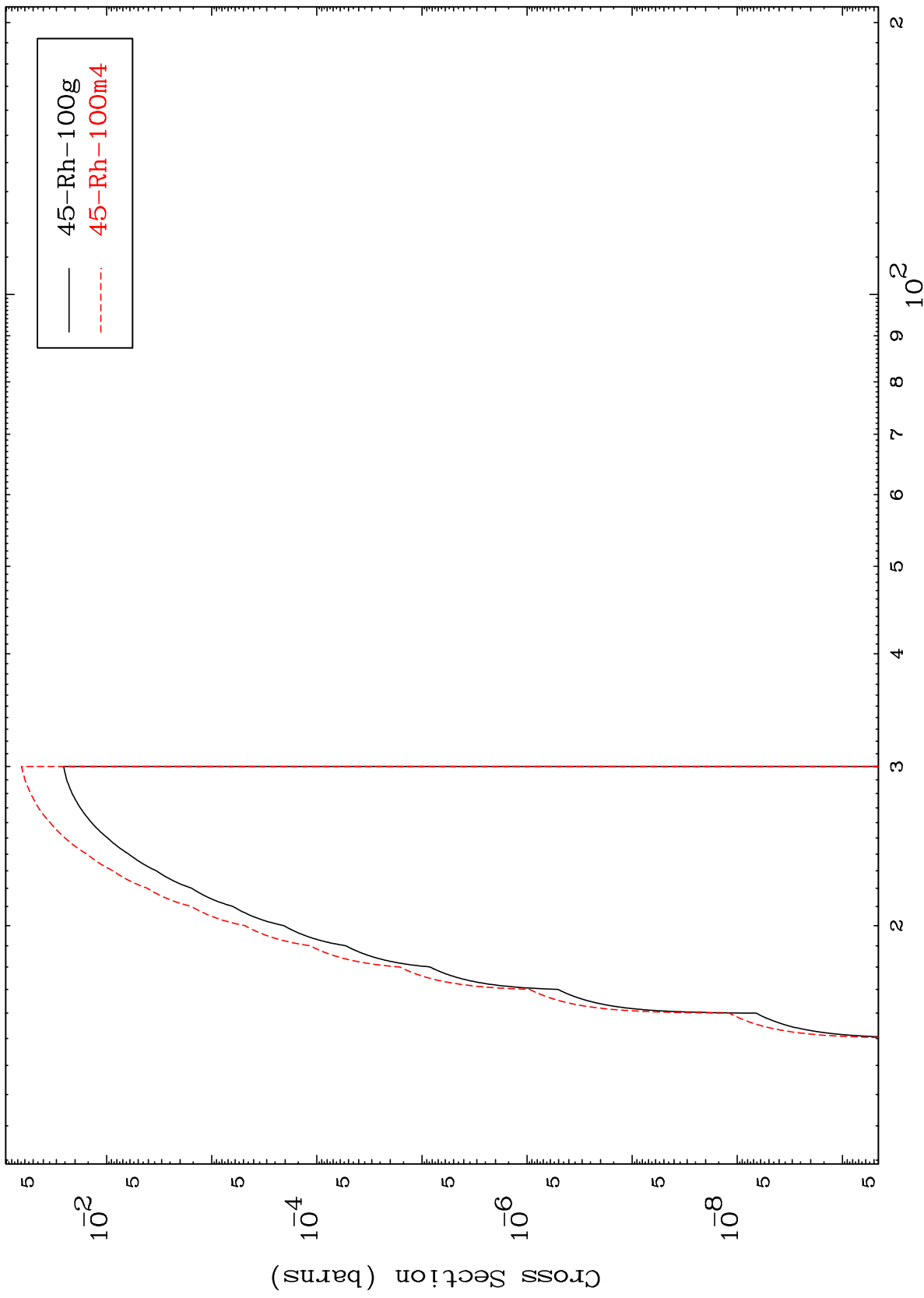
Incident Energy (MeV)

47-Ag-102

MAT 4710

47-Ag-102

(n,2n) p
Radionuclide Production Cross Section



127

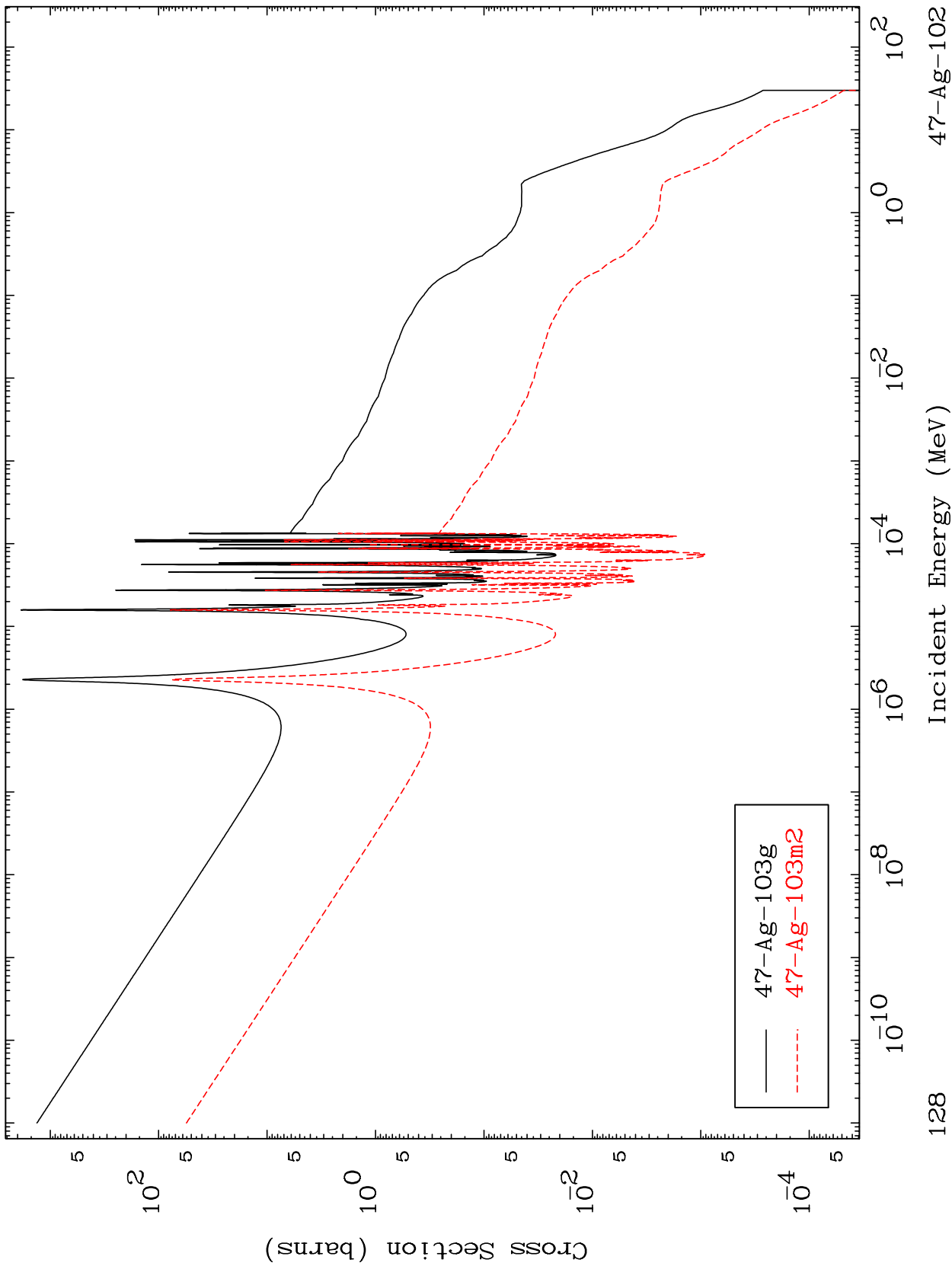
Incident Energy (MeV)

47-Ag-102

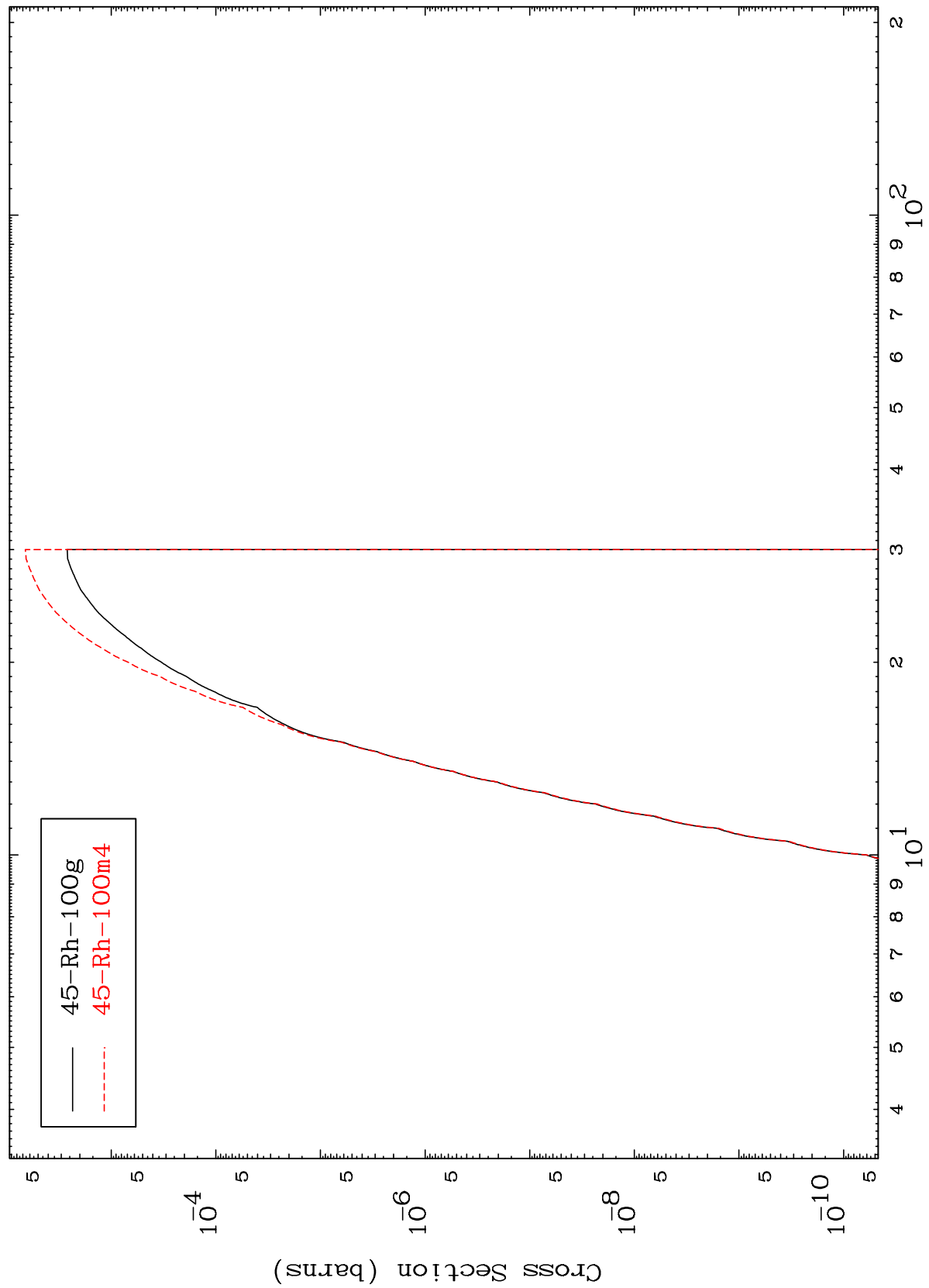
MAT 4710

47-Ag-102

(n, γ)
Radionuclide Production Cross Section



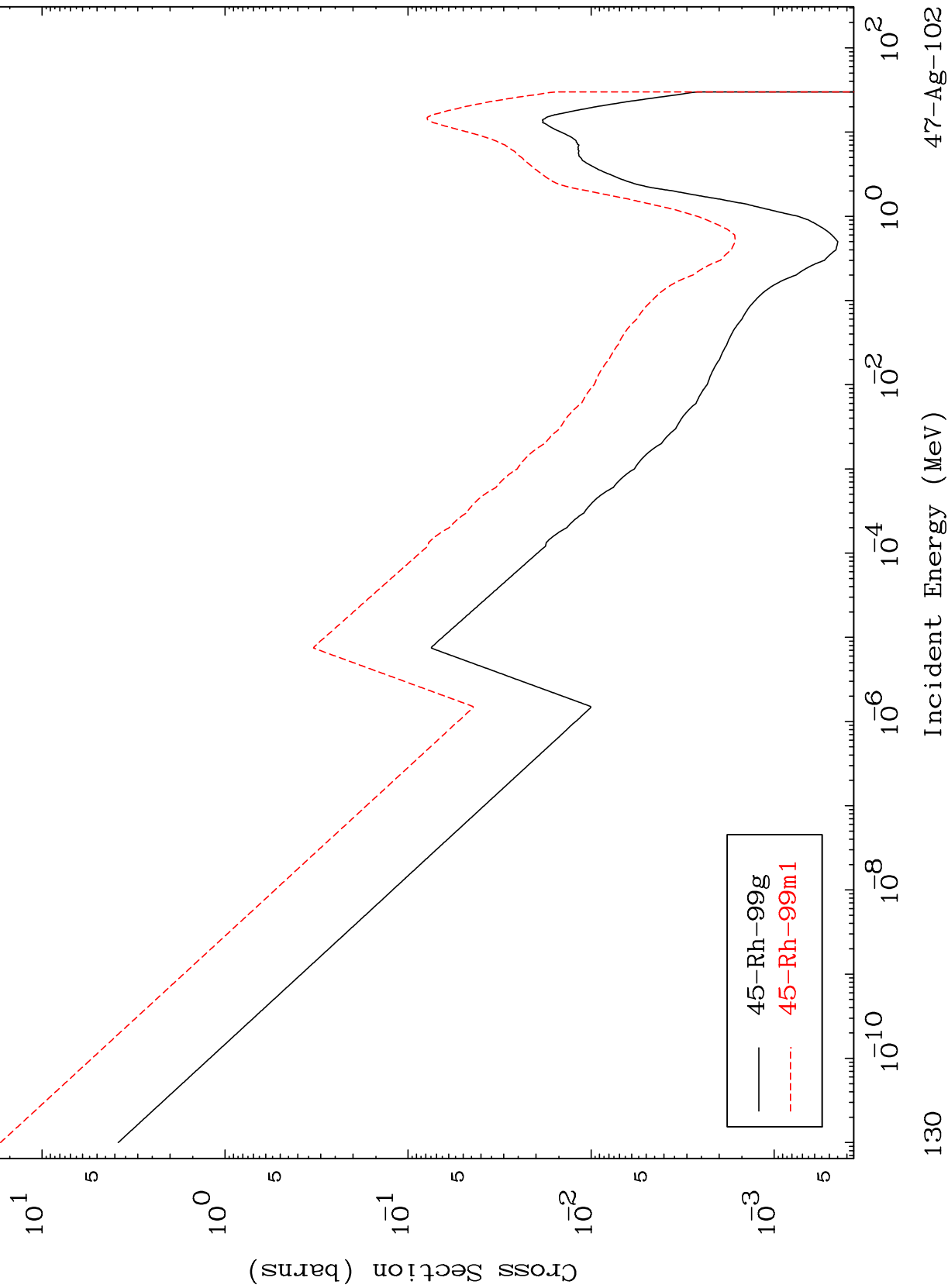
Radionuclide Production Cross Section
(n,He-3)



MAT 4710

47-Ag-102

Radionuclide Production Cross Section



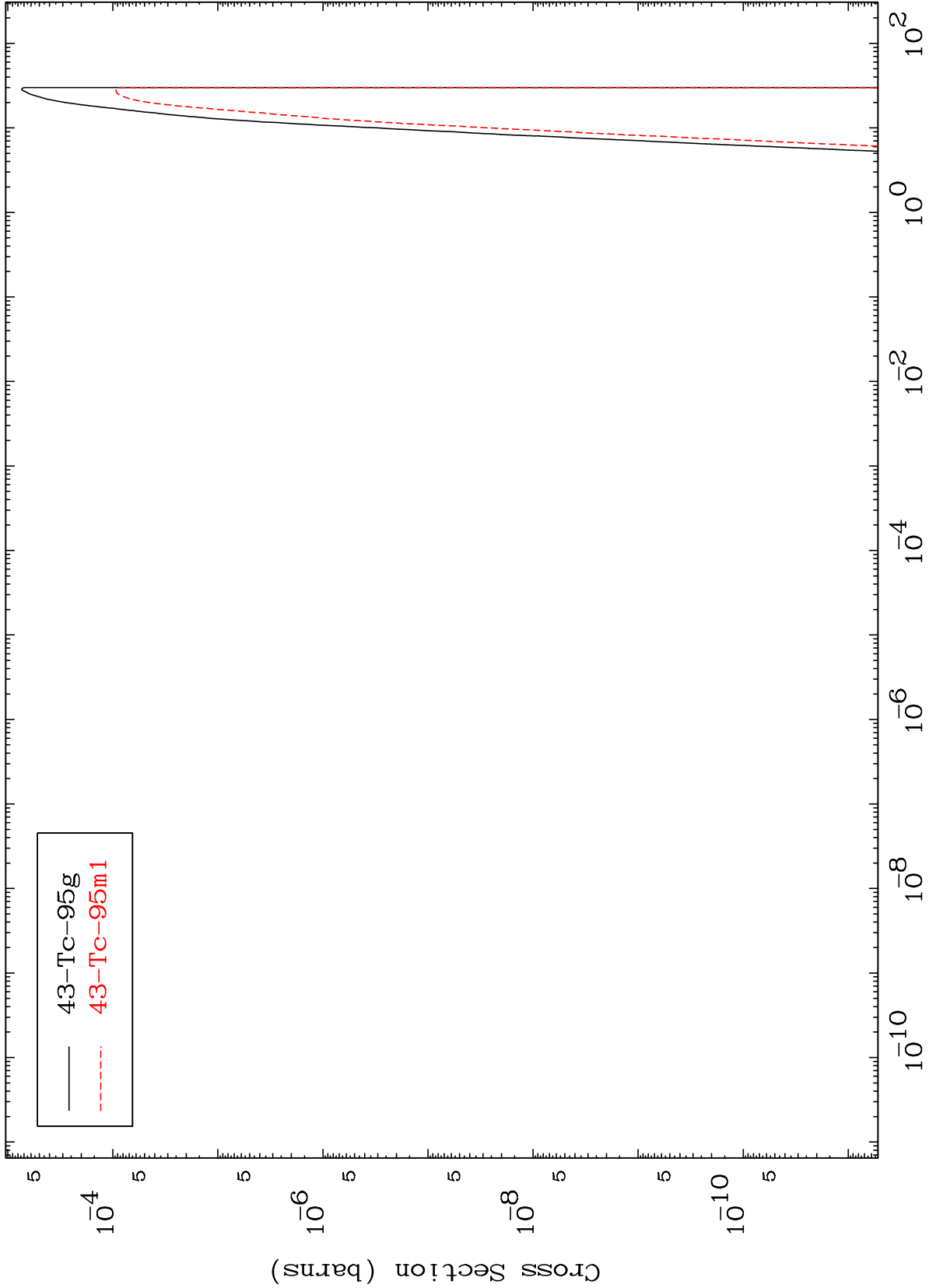
130

MAT 4710

(n,2α)

47-Ag-102

Radionuclide Production Cross Section



— 43-Tc-95g
- - - 43-Tc-95m1

131

Incident Energy (MeV)

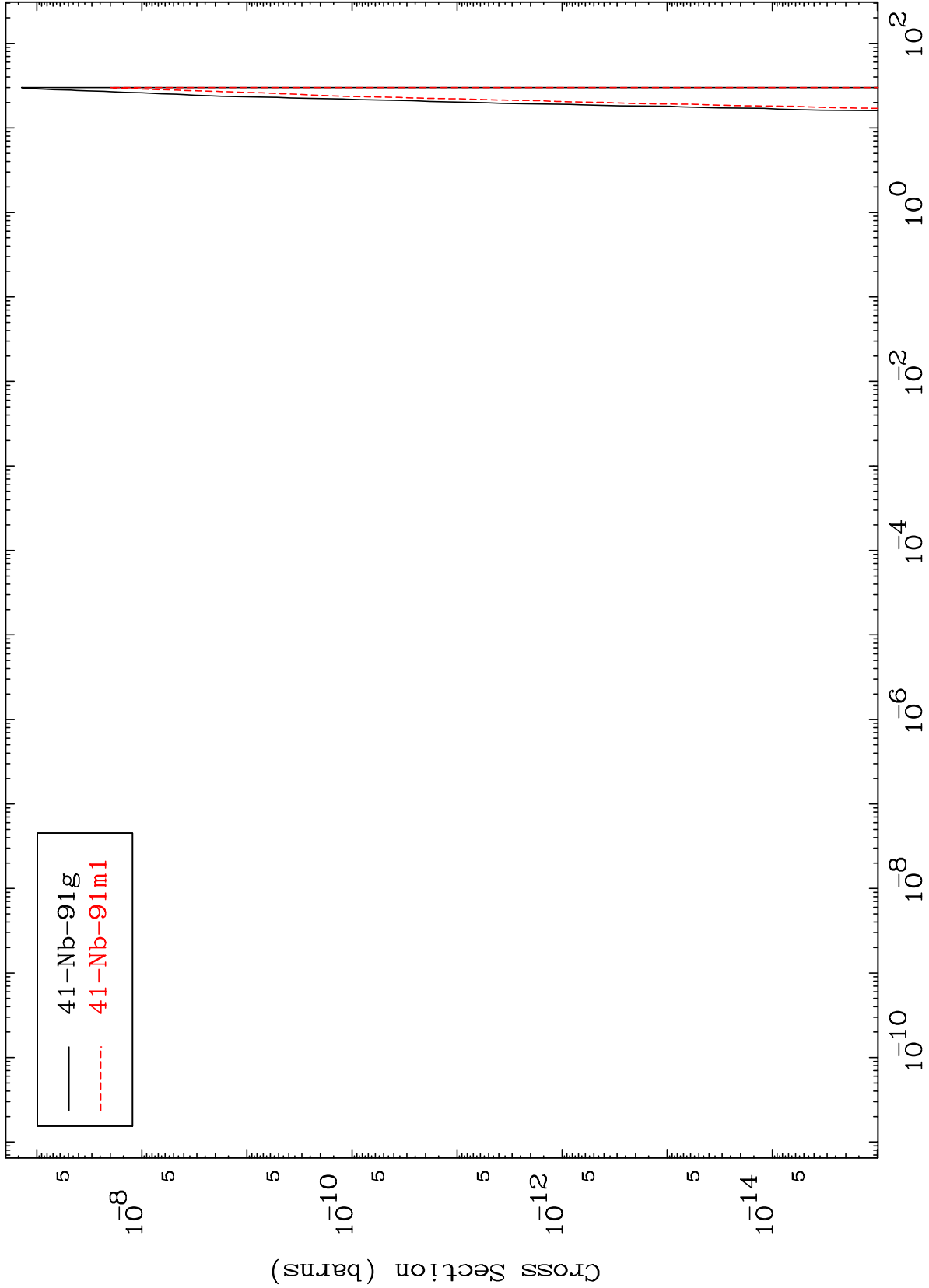
47-Ag-102

MAT 4710

(n, 3α)

47-Ag-102

Radionuclide Production Cross Section

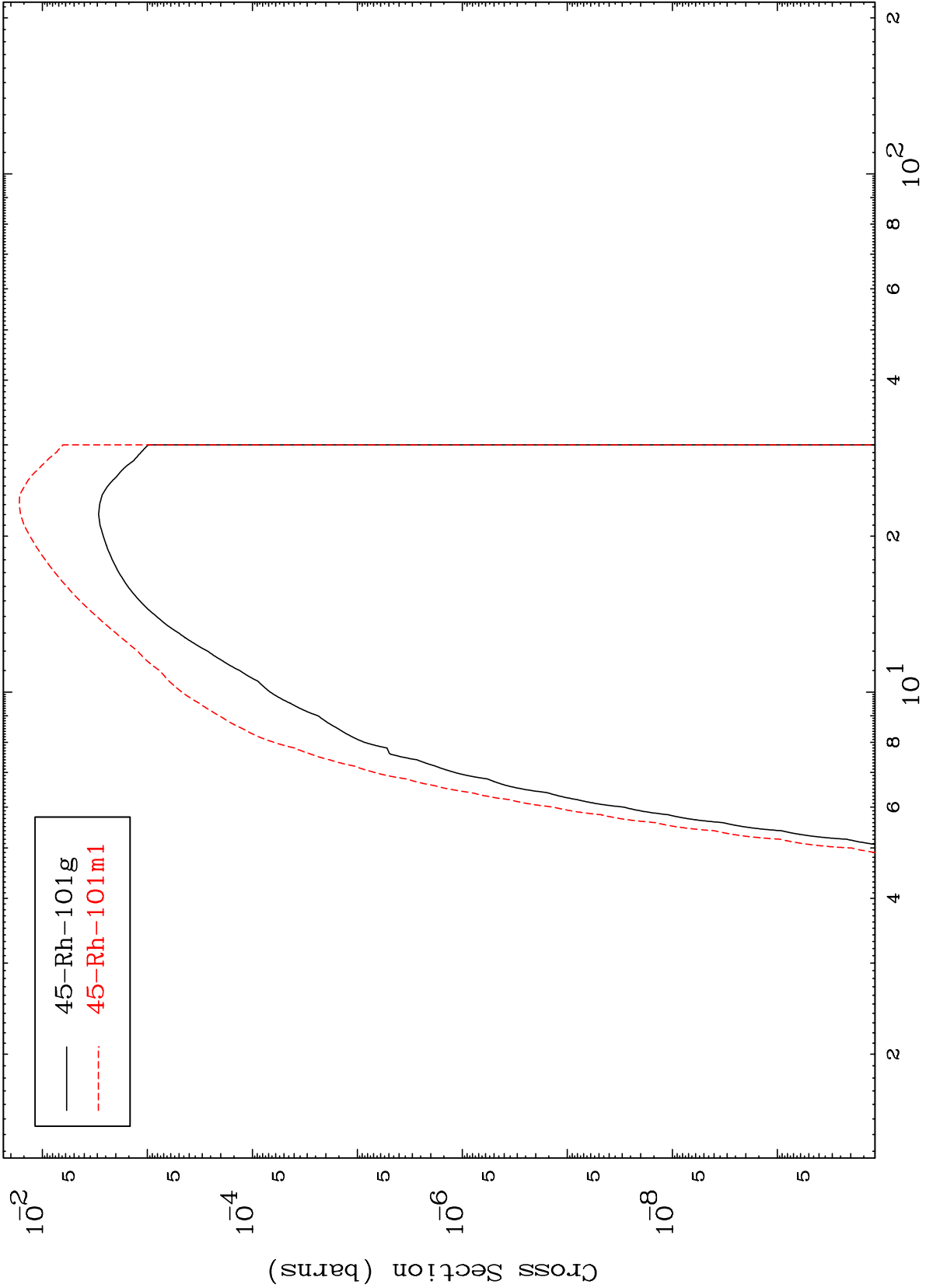


— 41-Nb-91g
- - - 41-Nb-91m1

MAT 4710

47-Ag-102

Radionuclide Production Cross Section
(n,2p)



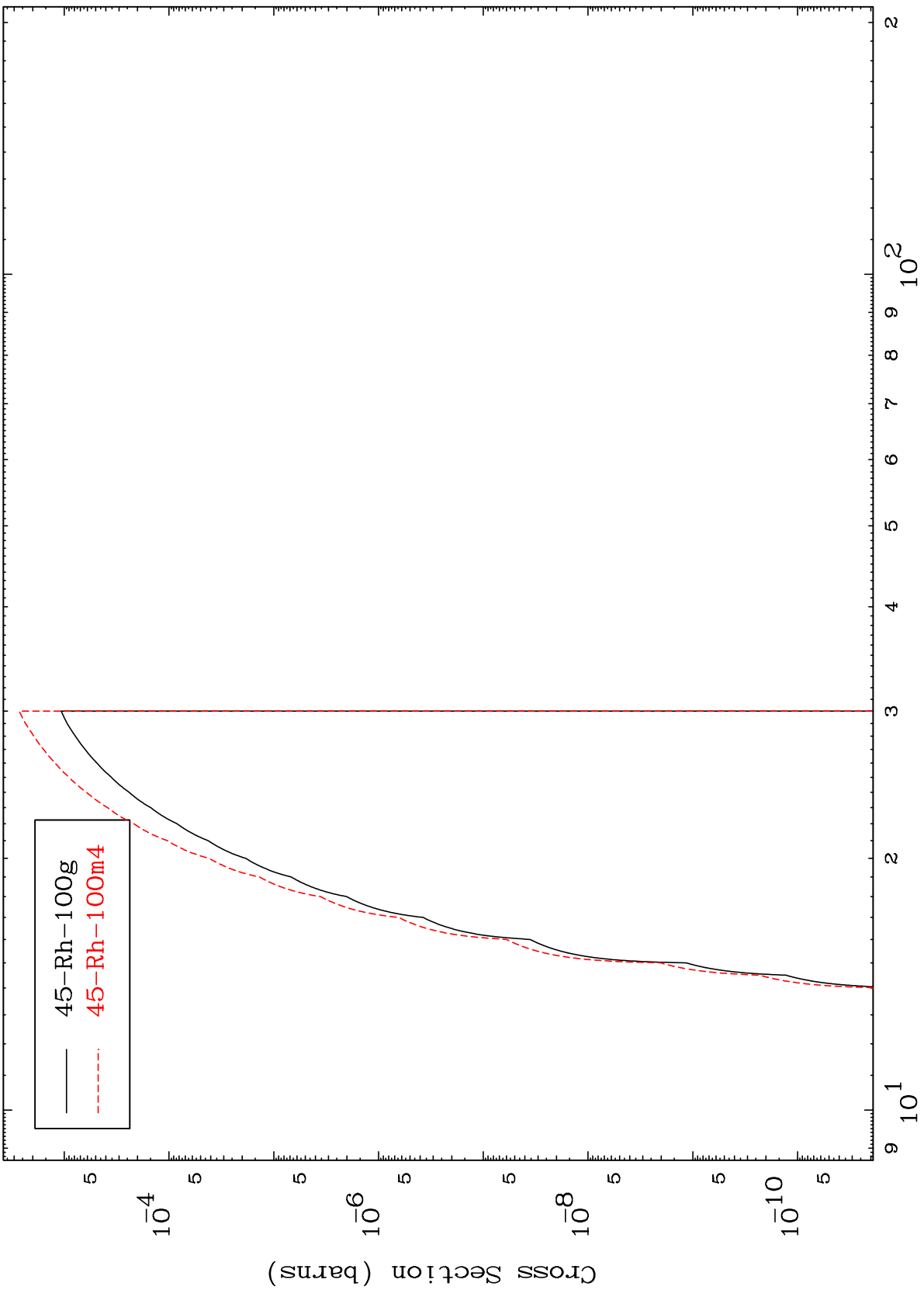
— 45-Rh-101g
- - - 45-Rh-101m1

MAT 4710

(n,p) d

47-Ag-102

Radionuclide Production Cross Section



134

Incident Energy (MeV)

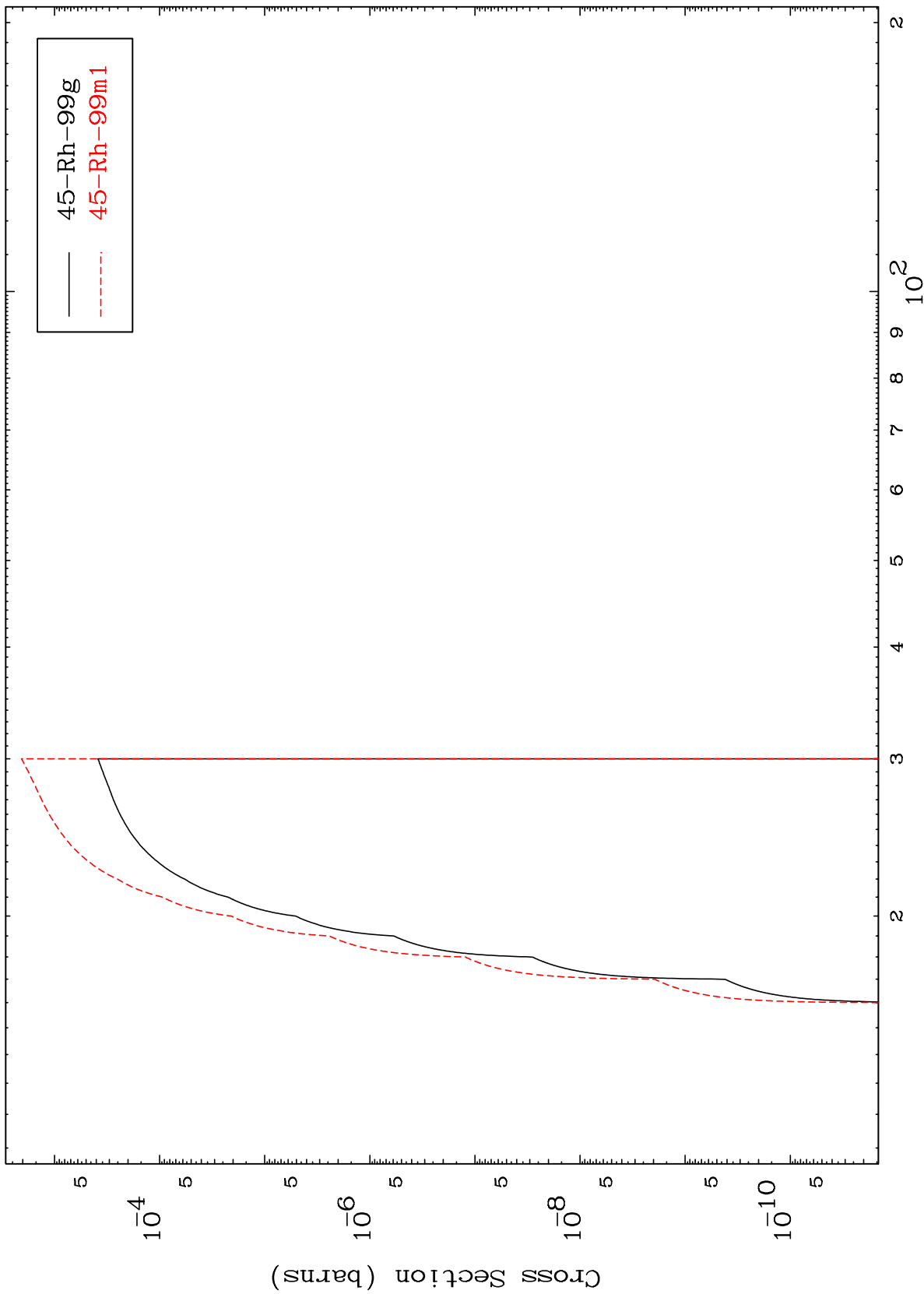
47-Ag-102

MAT 4710

(n,p) t

47-Ag-102

Radionuclide Production Cross Section



135

Incident Energy (MeV)

47-Ag-102