

Program EVALPLOT
(Version 2017-1)

by

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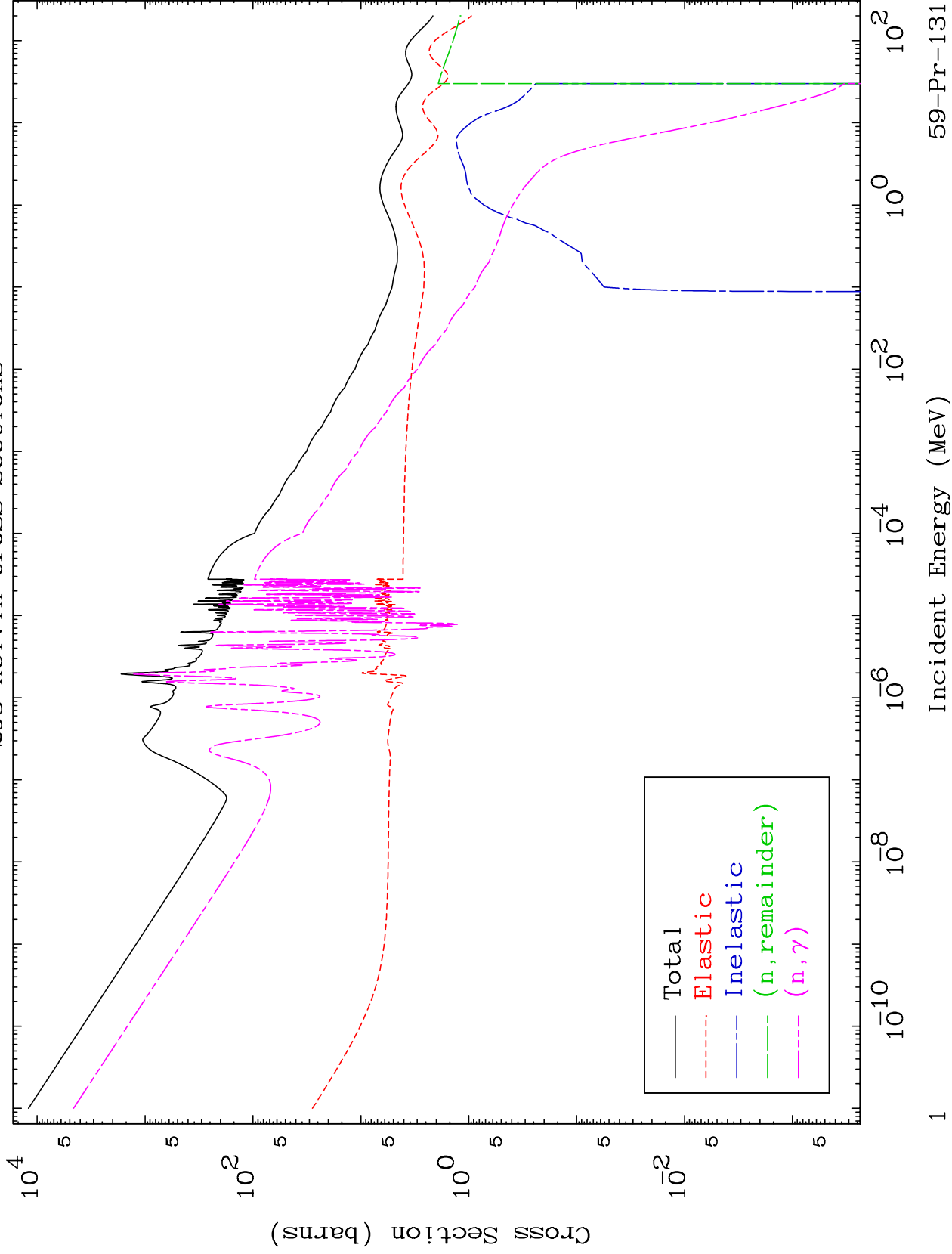
Press Mouse Button to Start

MAT 5895

Major

293 Kelvin Cross Sections

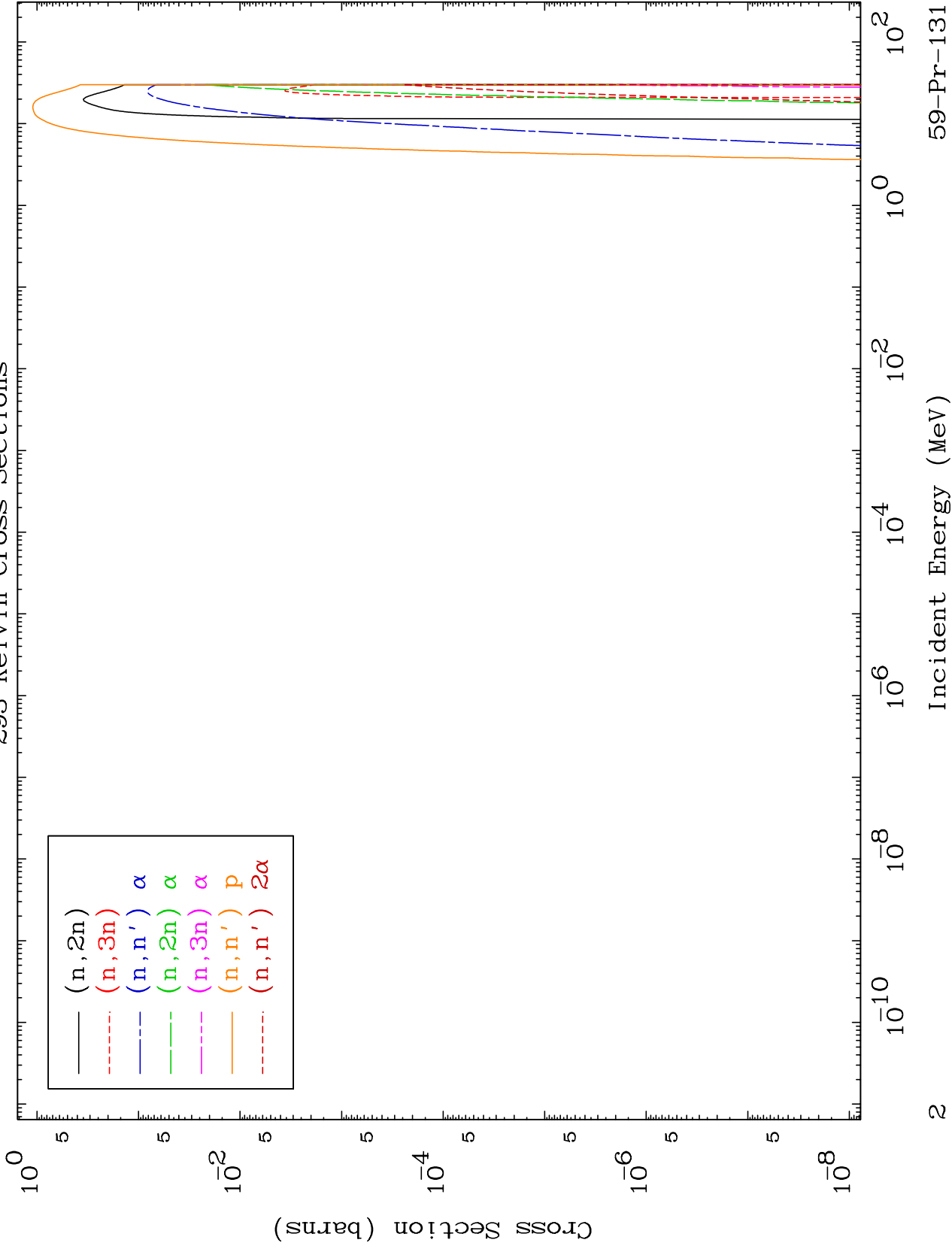
59-Pr-131

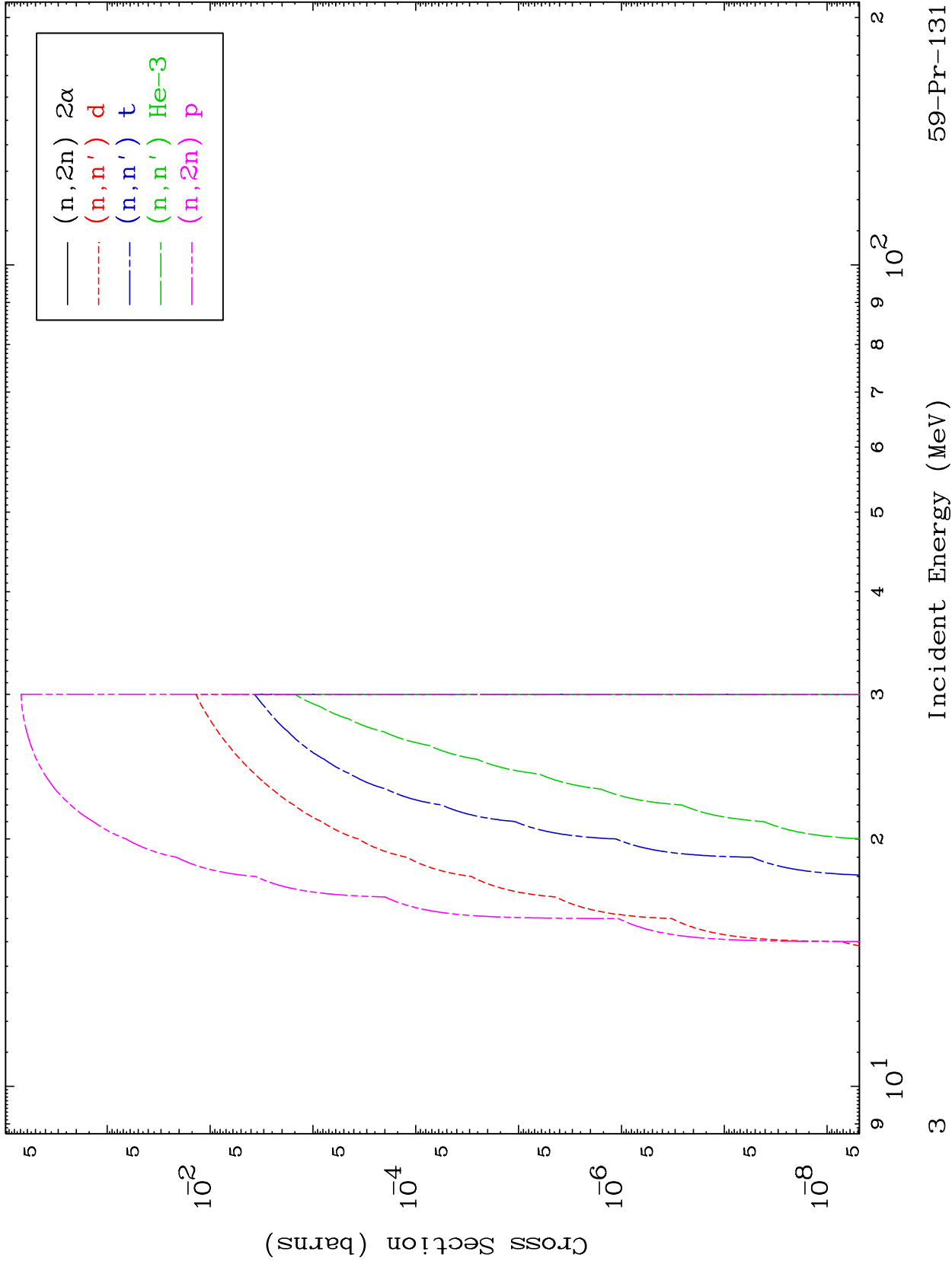


MAT 5895

Neutron Production
293 Kelvin Cross Sections

59-Pr-131

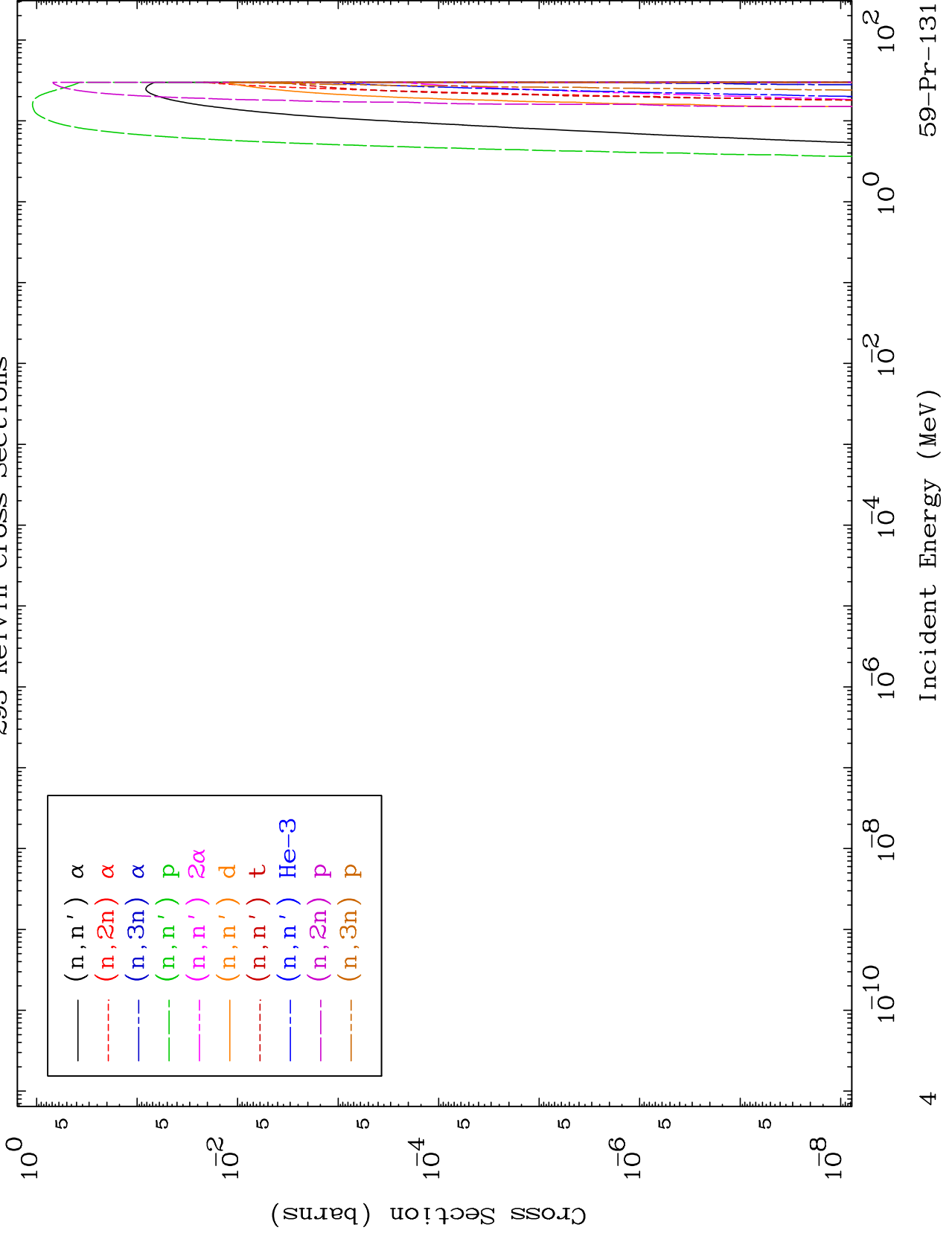


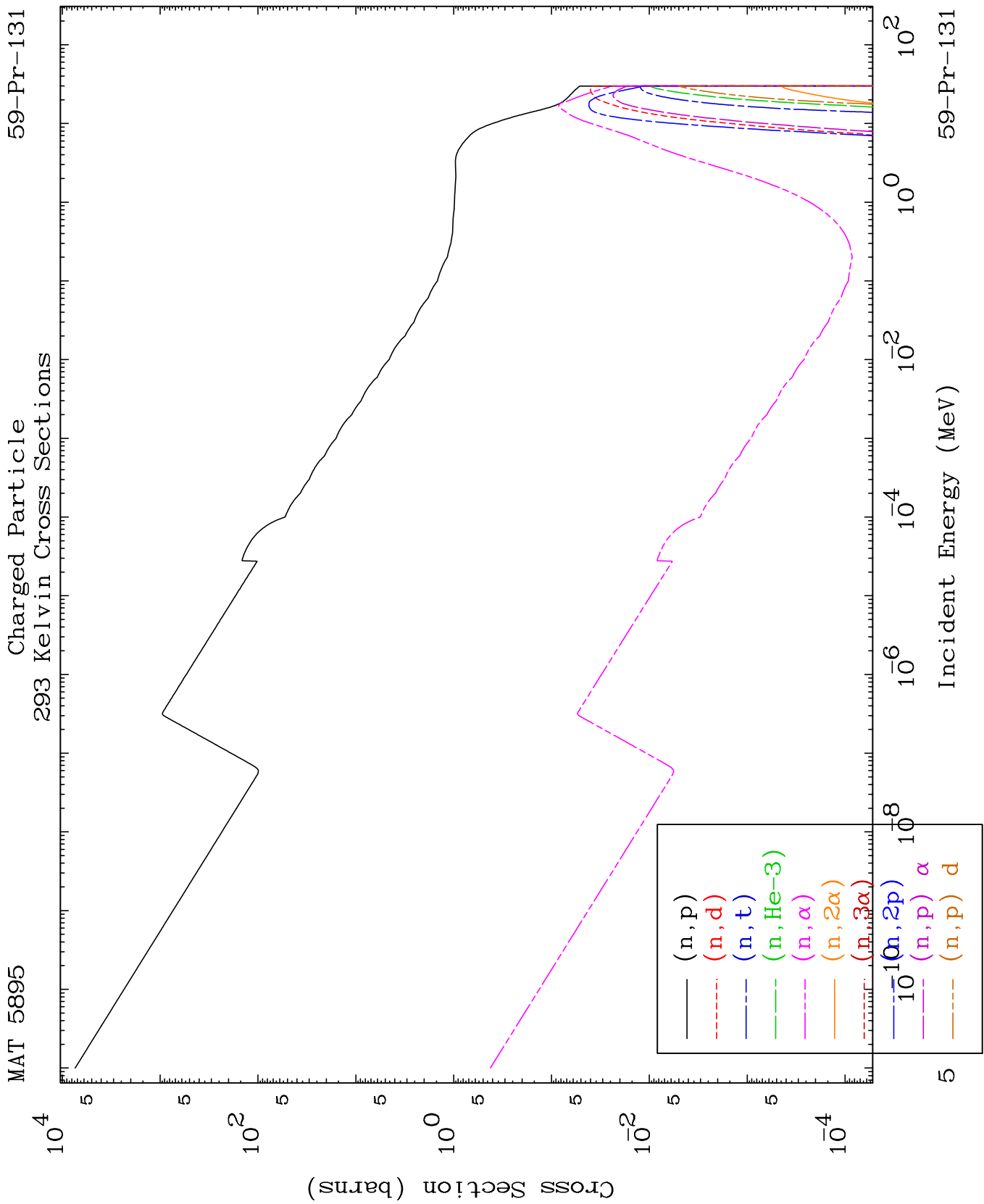


MAT 5895

Charged Particle
293 Kelvin Cross Sections

59-Pr-131

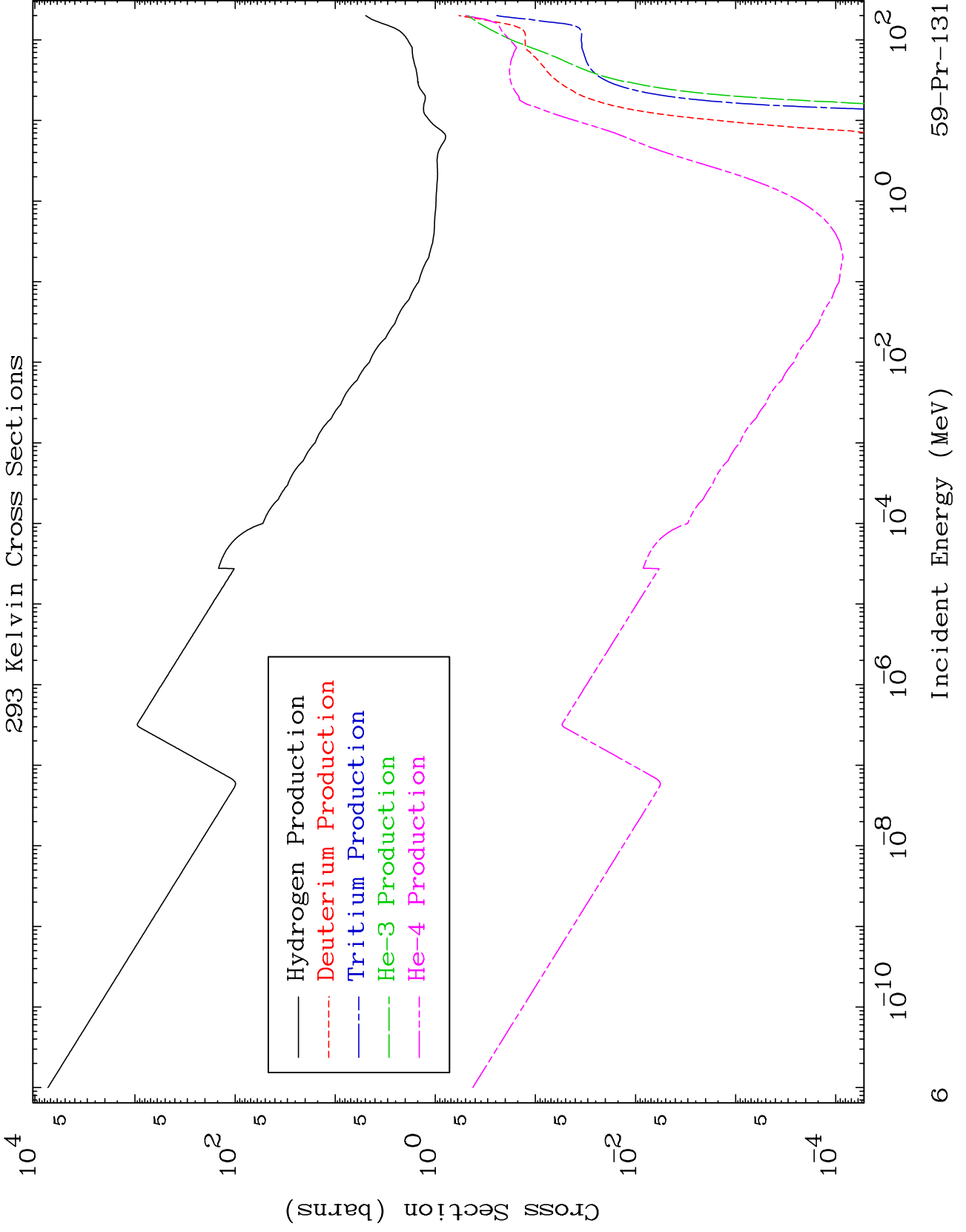




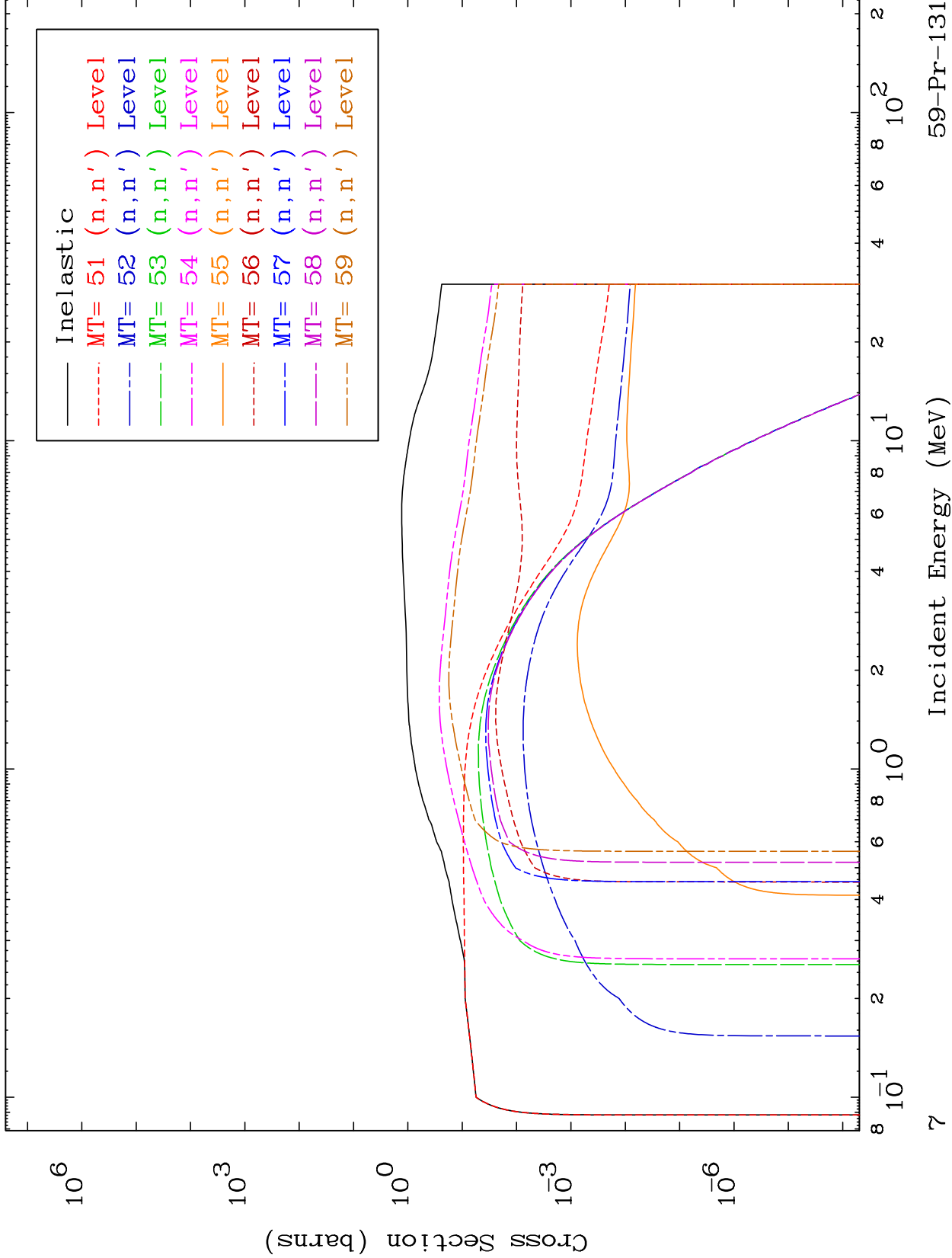
MAT 5895

Particle Production
293 Kelvin Cross Sections

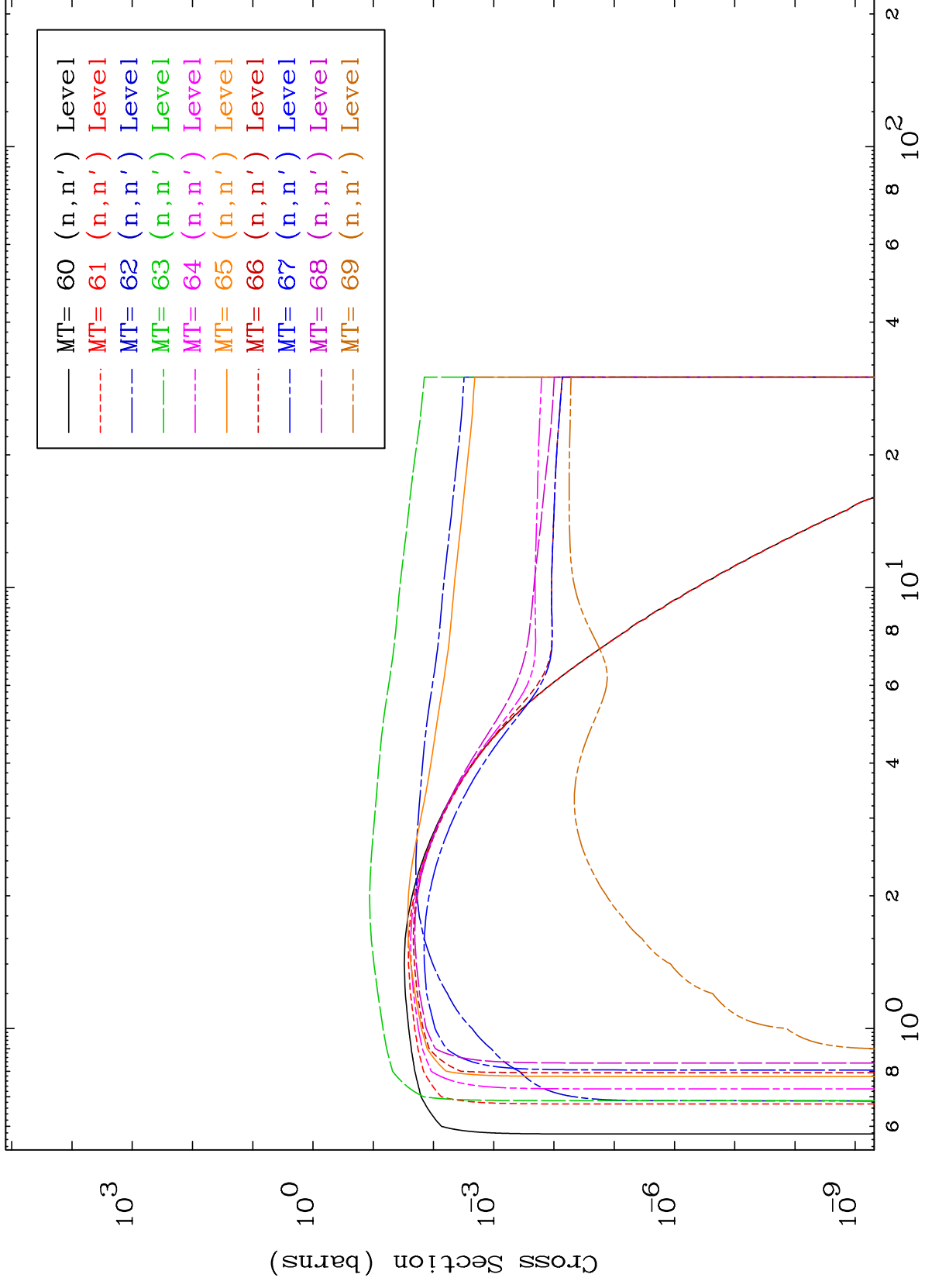
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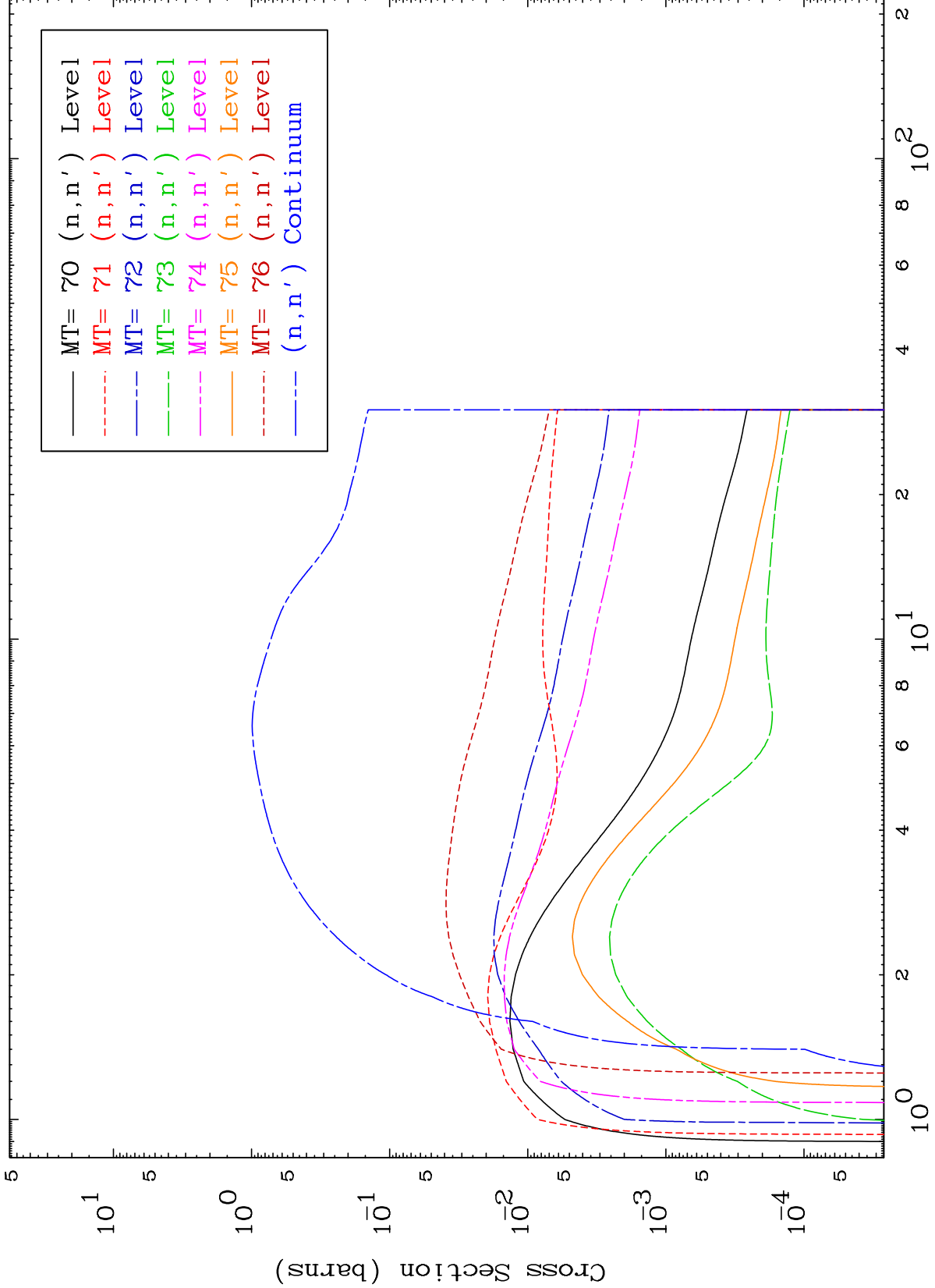
293 Kelvin Cross Sections



293 Kelvin Cross Sections



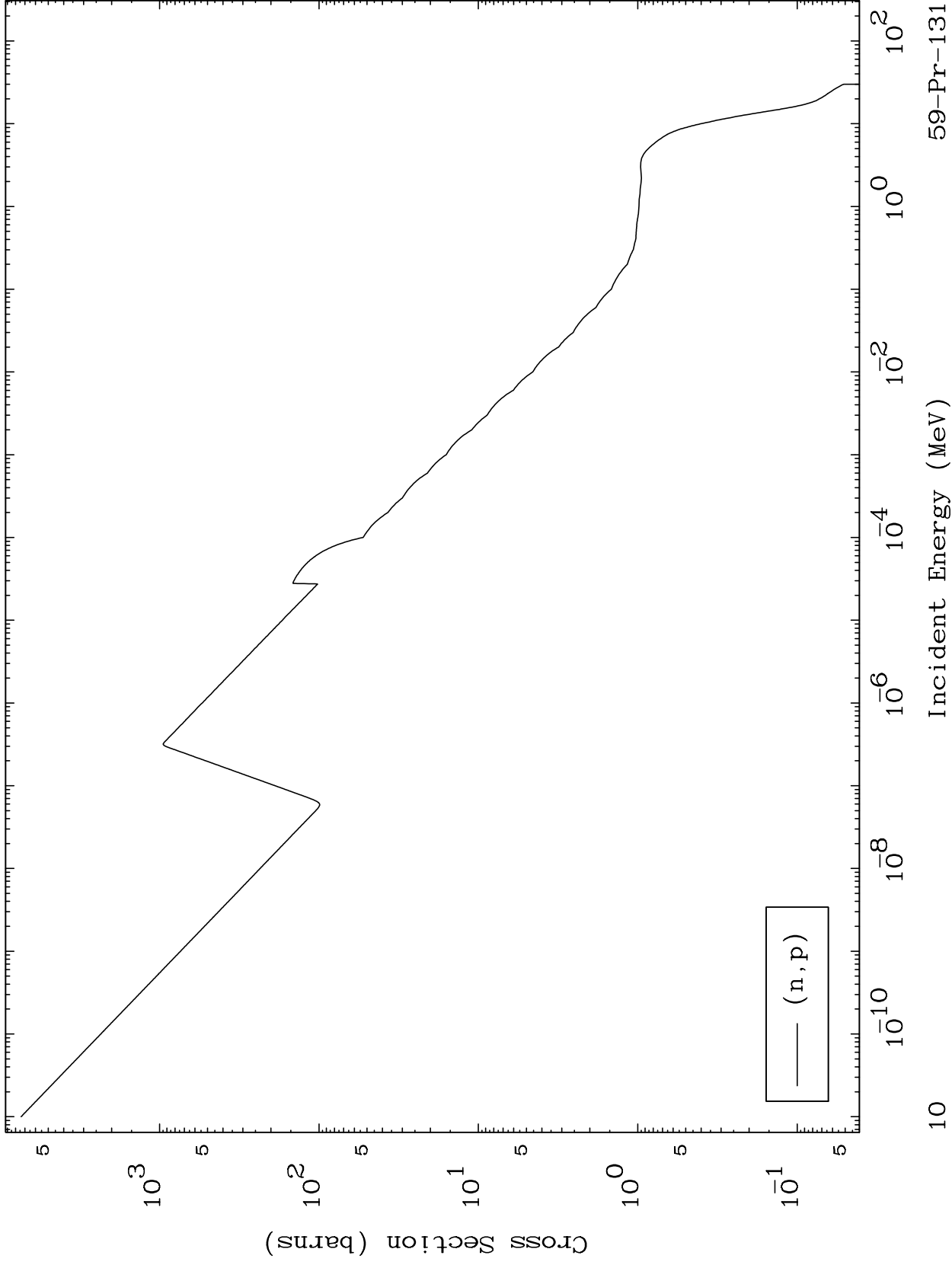
293 Kelvin Cross Sections



MAT 5895

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-131



10

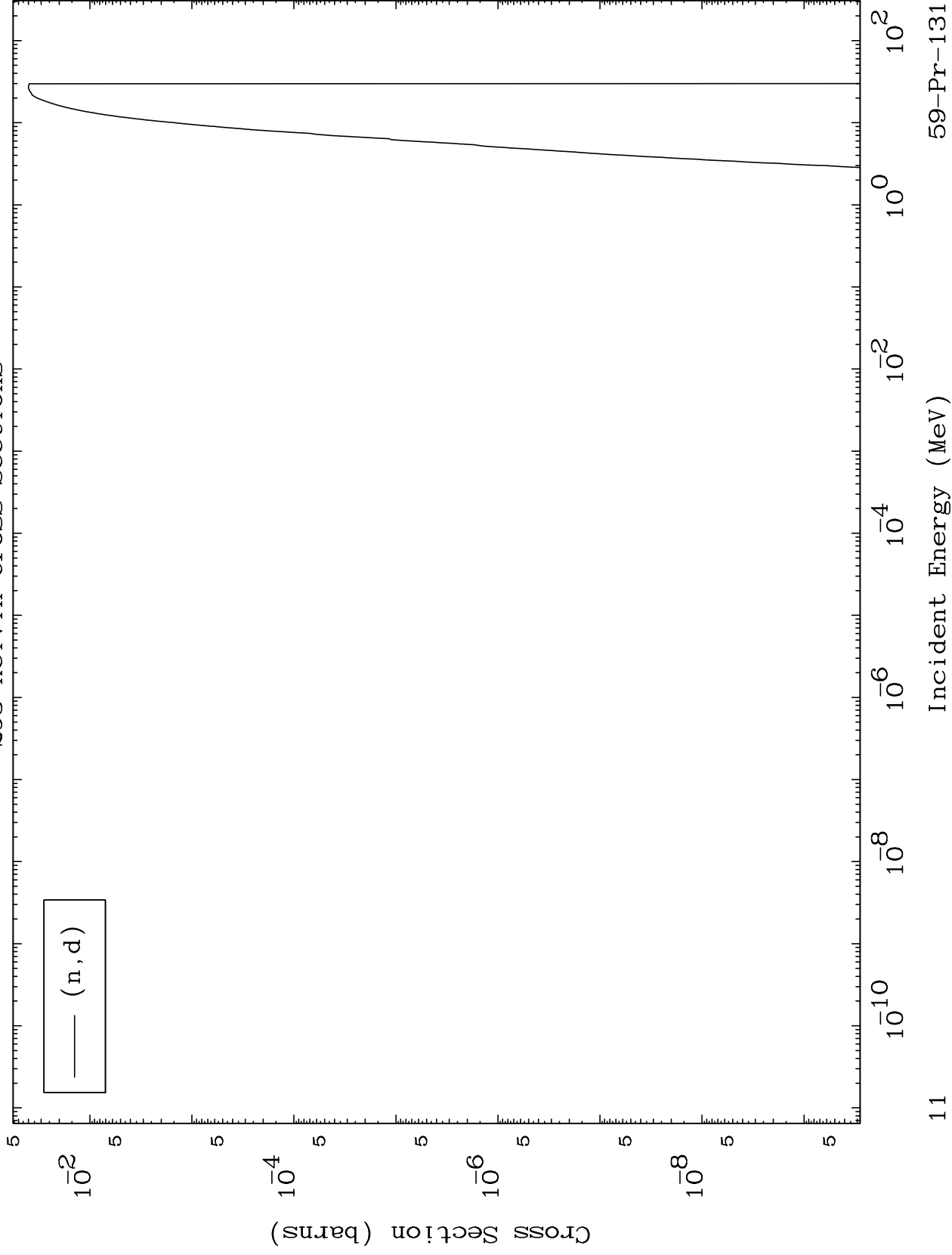
Incident Energy (MeV)

59-Pr-131

MAT 5895

(n,d) Levels
293 Kelvin Cross Sections

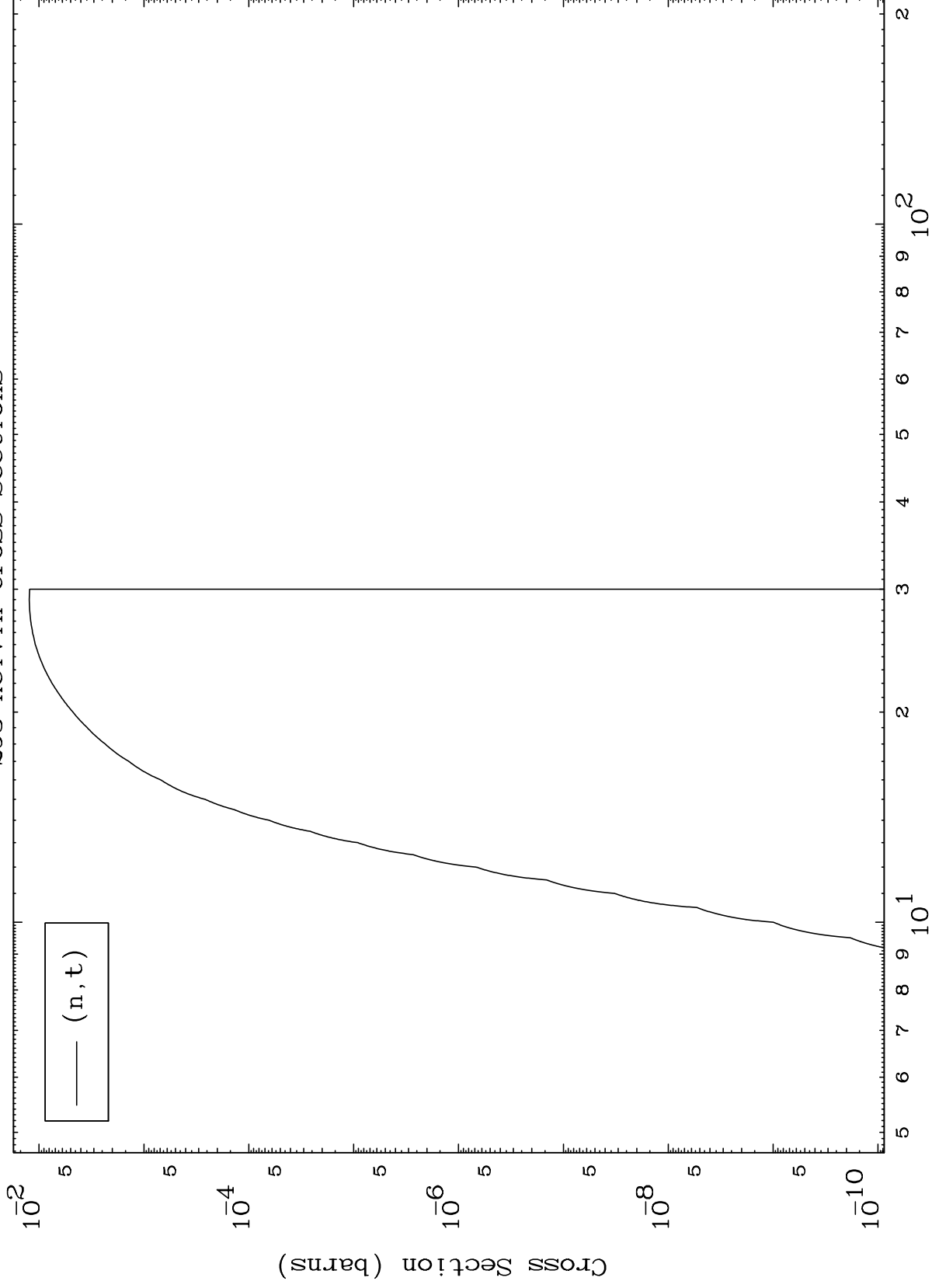
59-Pr-131



MAT 5895

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-131



12

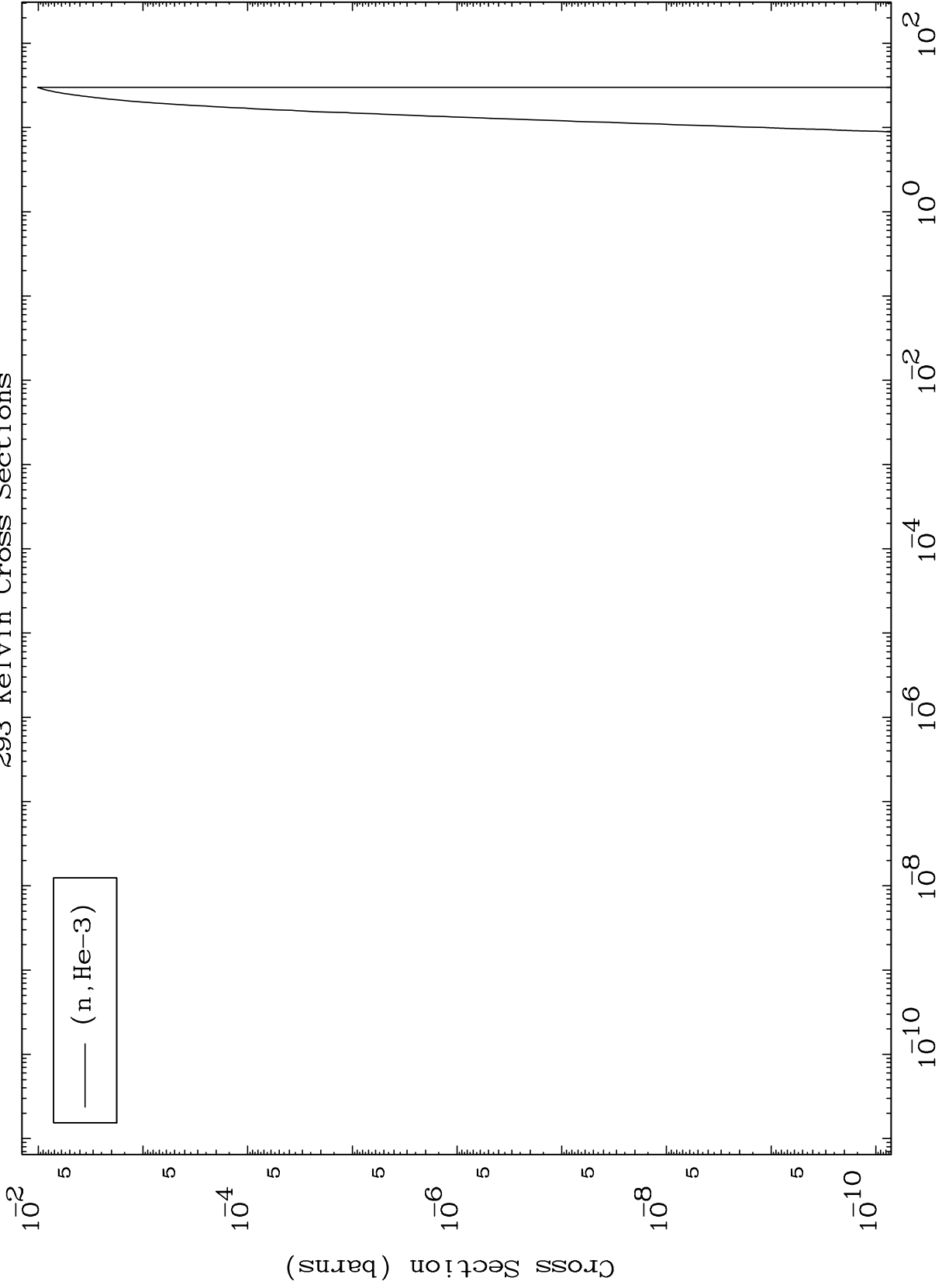
Incident Energy (MeV)

59-Pr-131

MAT 5895

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-131

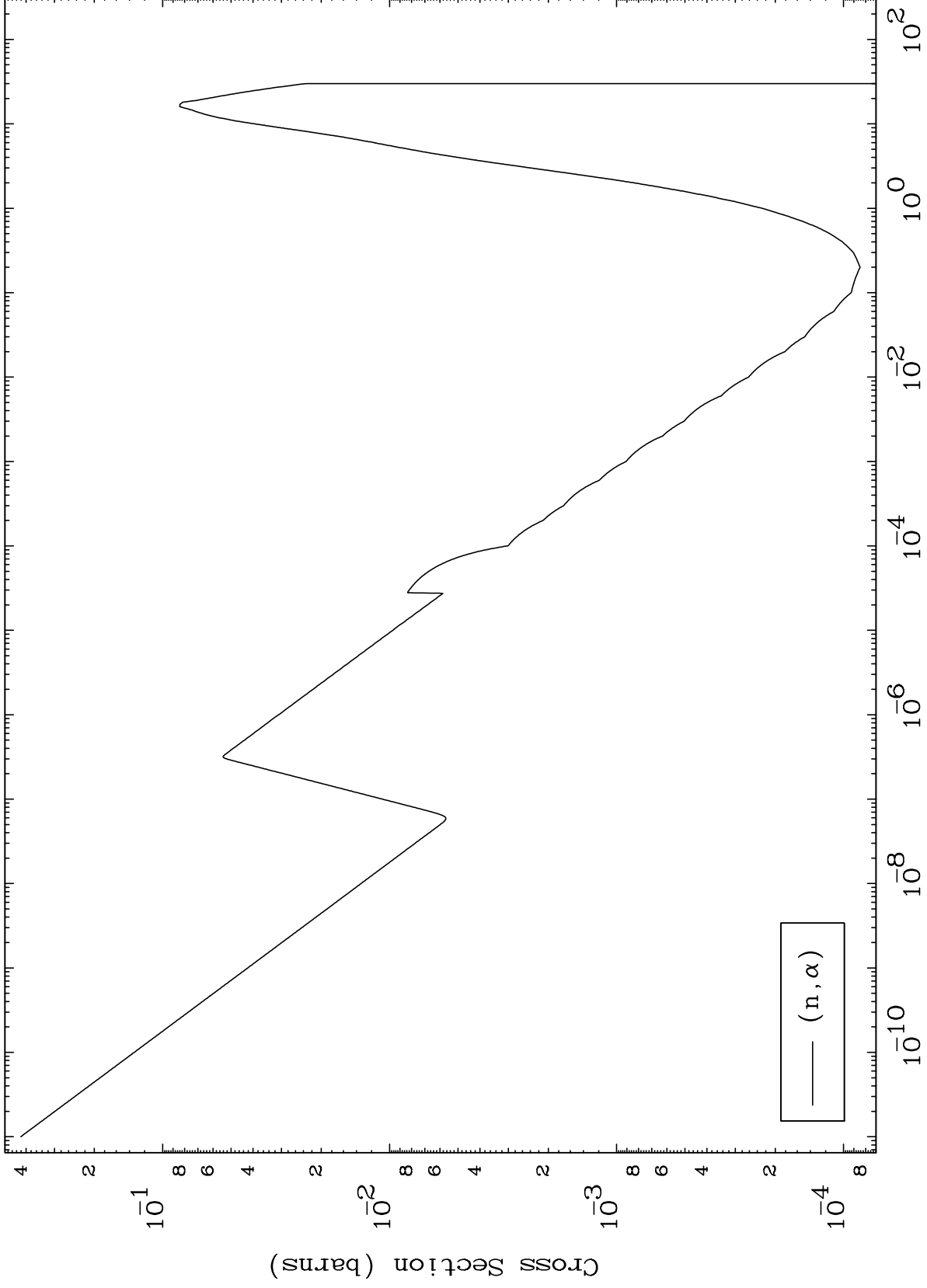


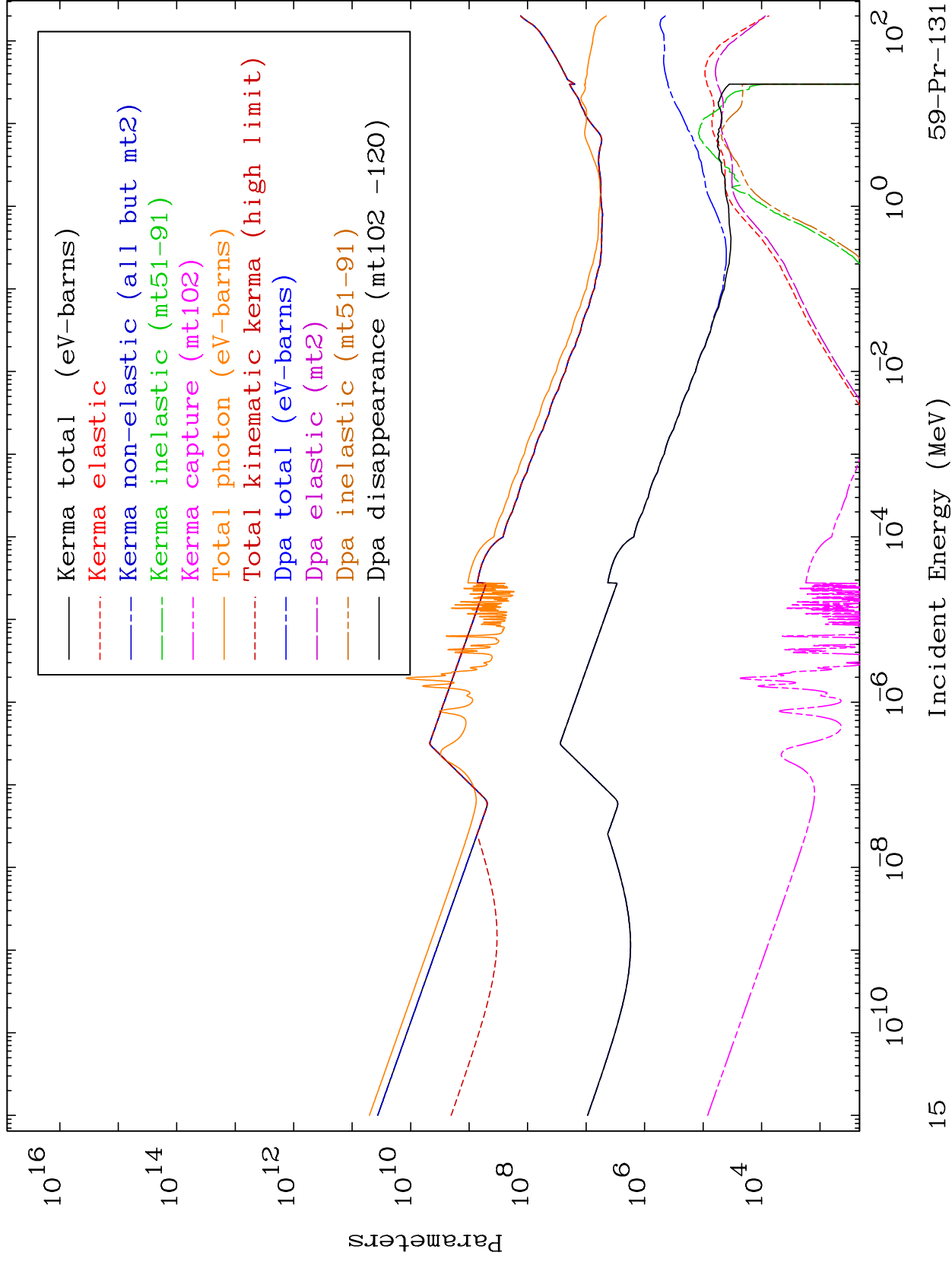
(n, He-3)

MAT 5895

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-131

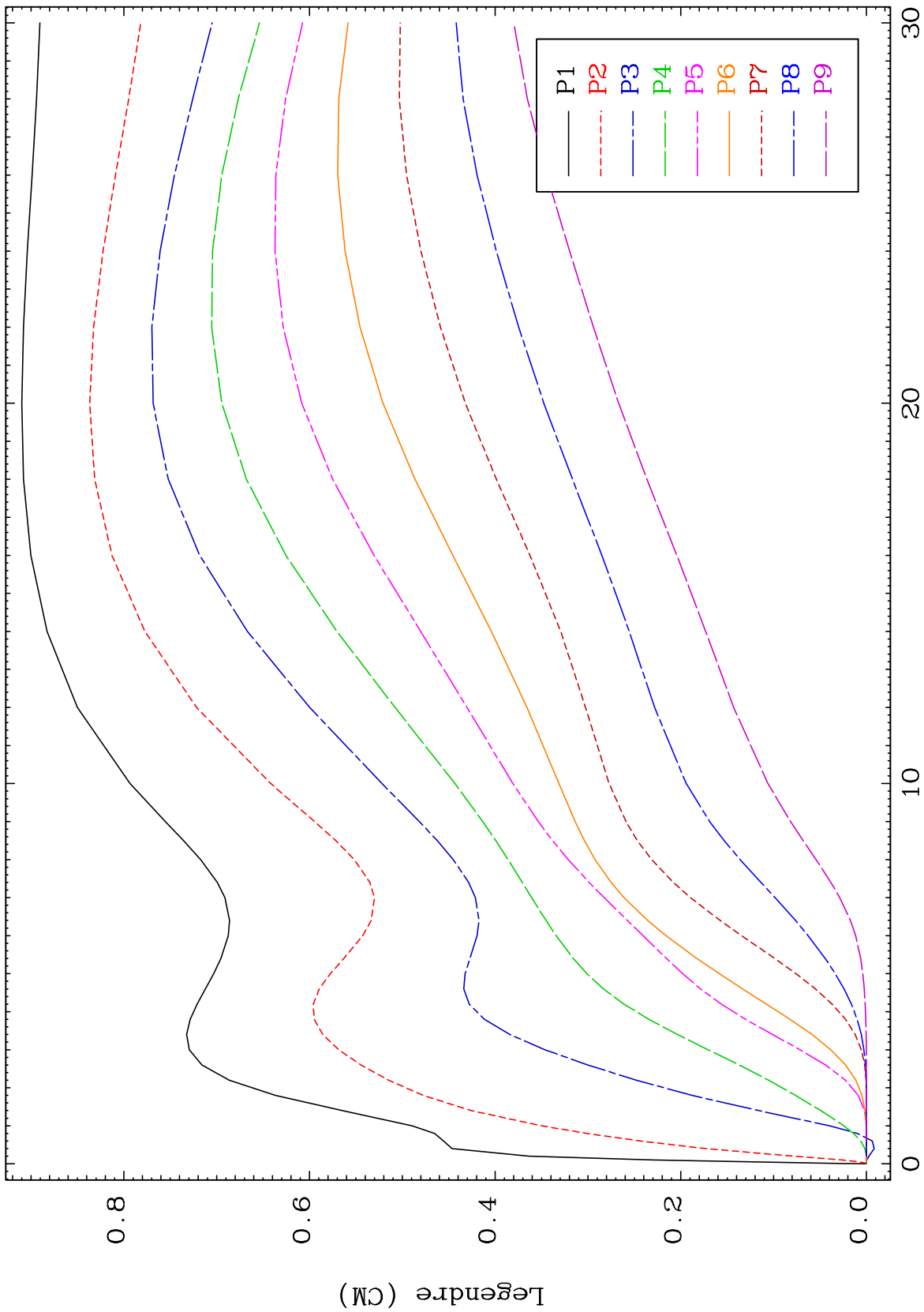




MAT 5895

Elastic Legendre Coefficients

59-Pr-131



16

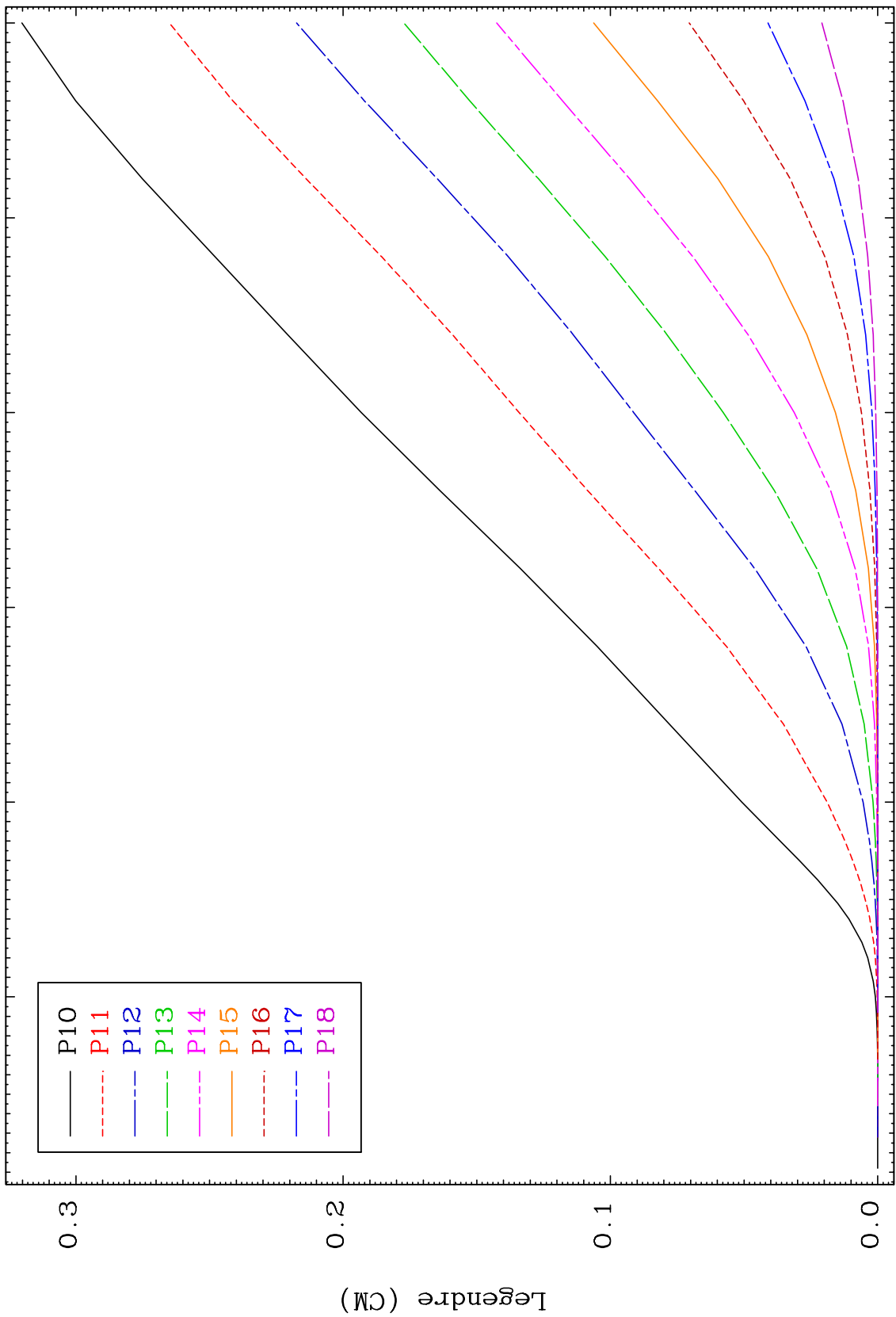
Incident Energy (MeV)

59-Pr-131

MAT 5895

Elastic Legendre Coefficients

59-Pr-131



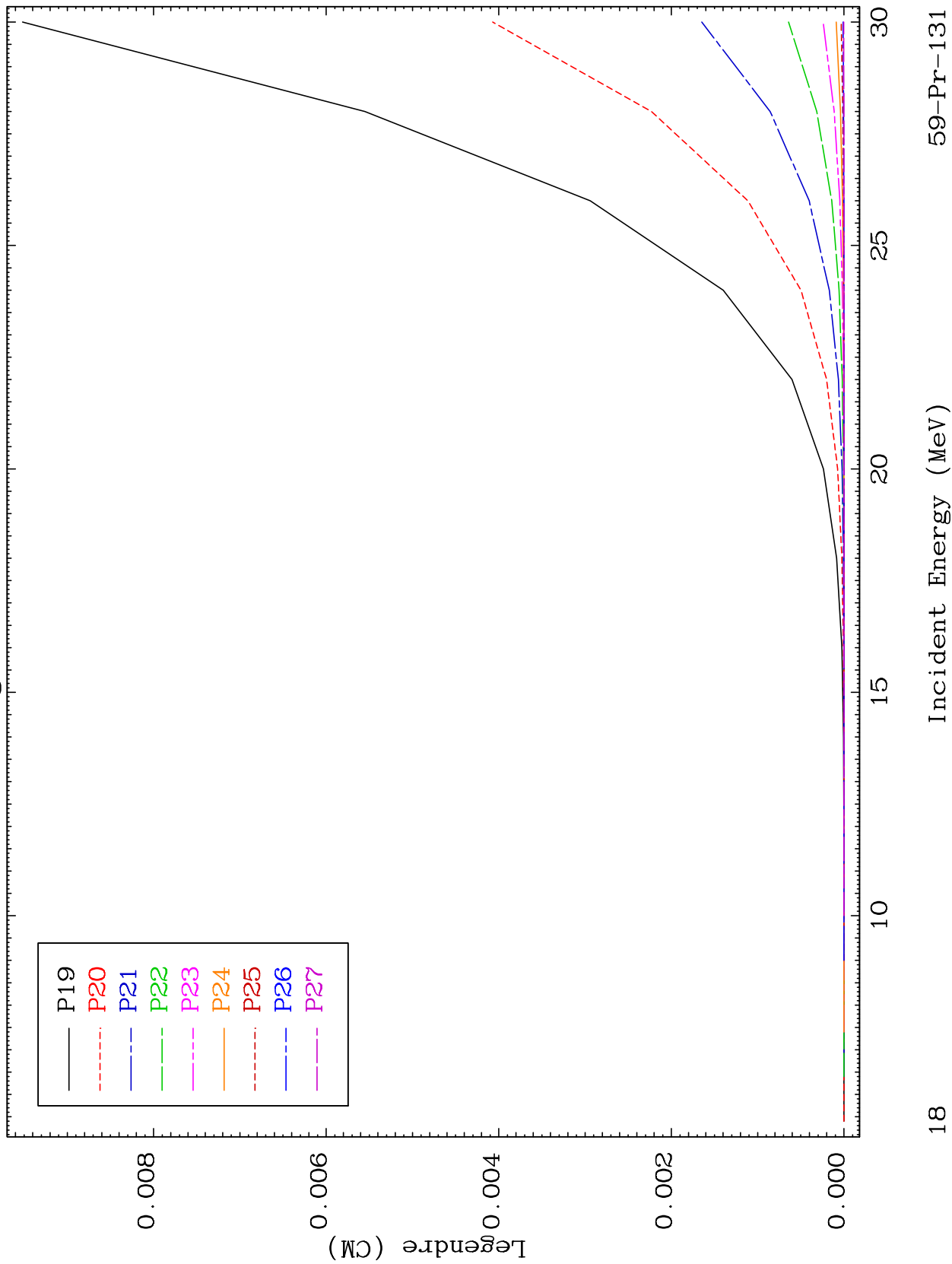
17

59-Pr-131

MAT 5895

Elastic Legendre Coefficients

59-Pr-131



18

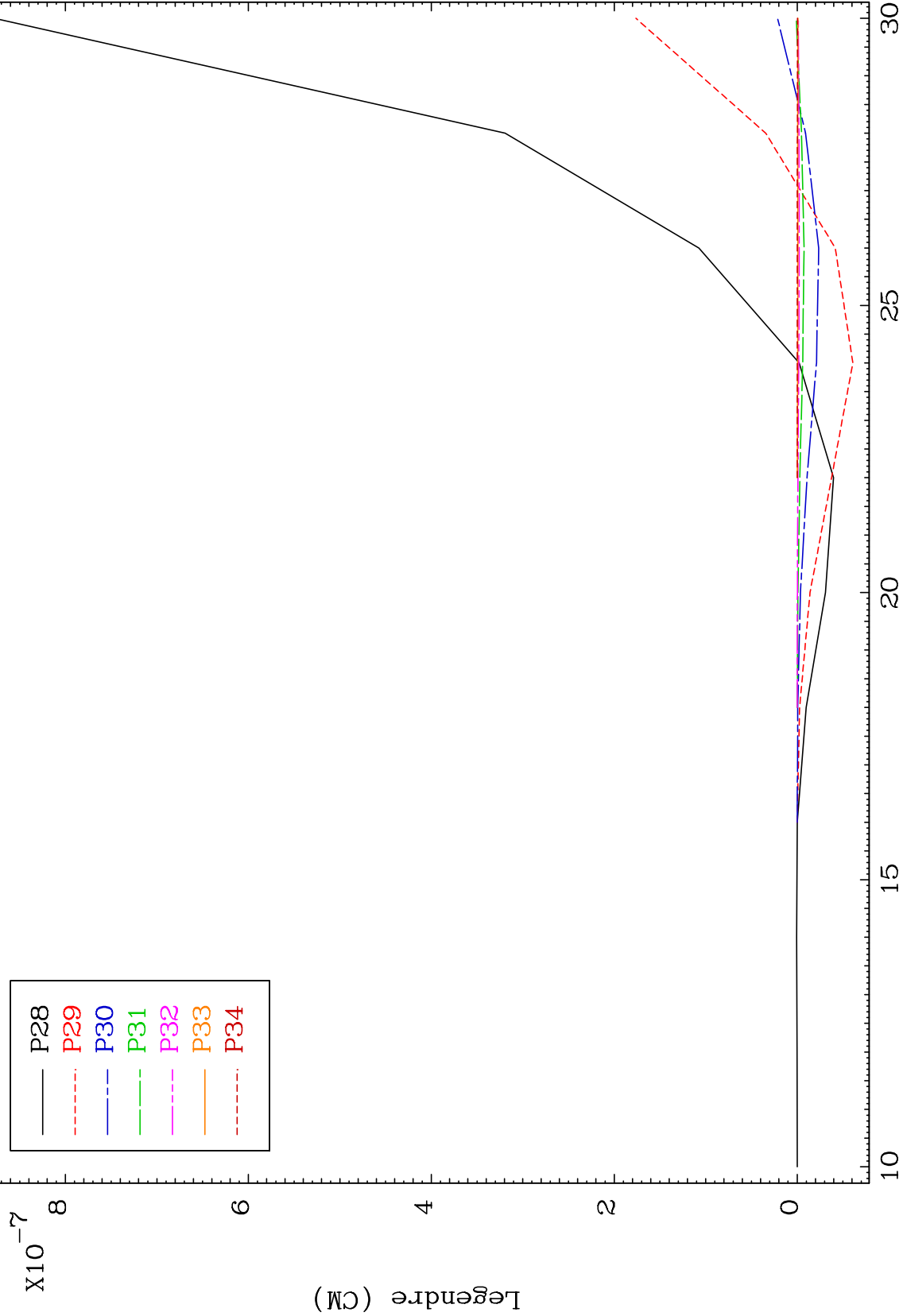
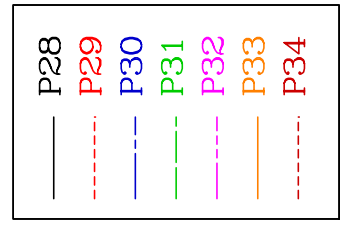
Incident Energy (MeV)

59-Pr-131

MAT 5895

Elastic Legendre Coefficients

59-Pr-131



19

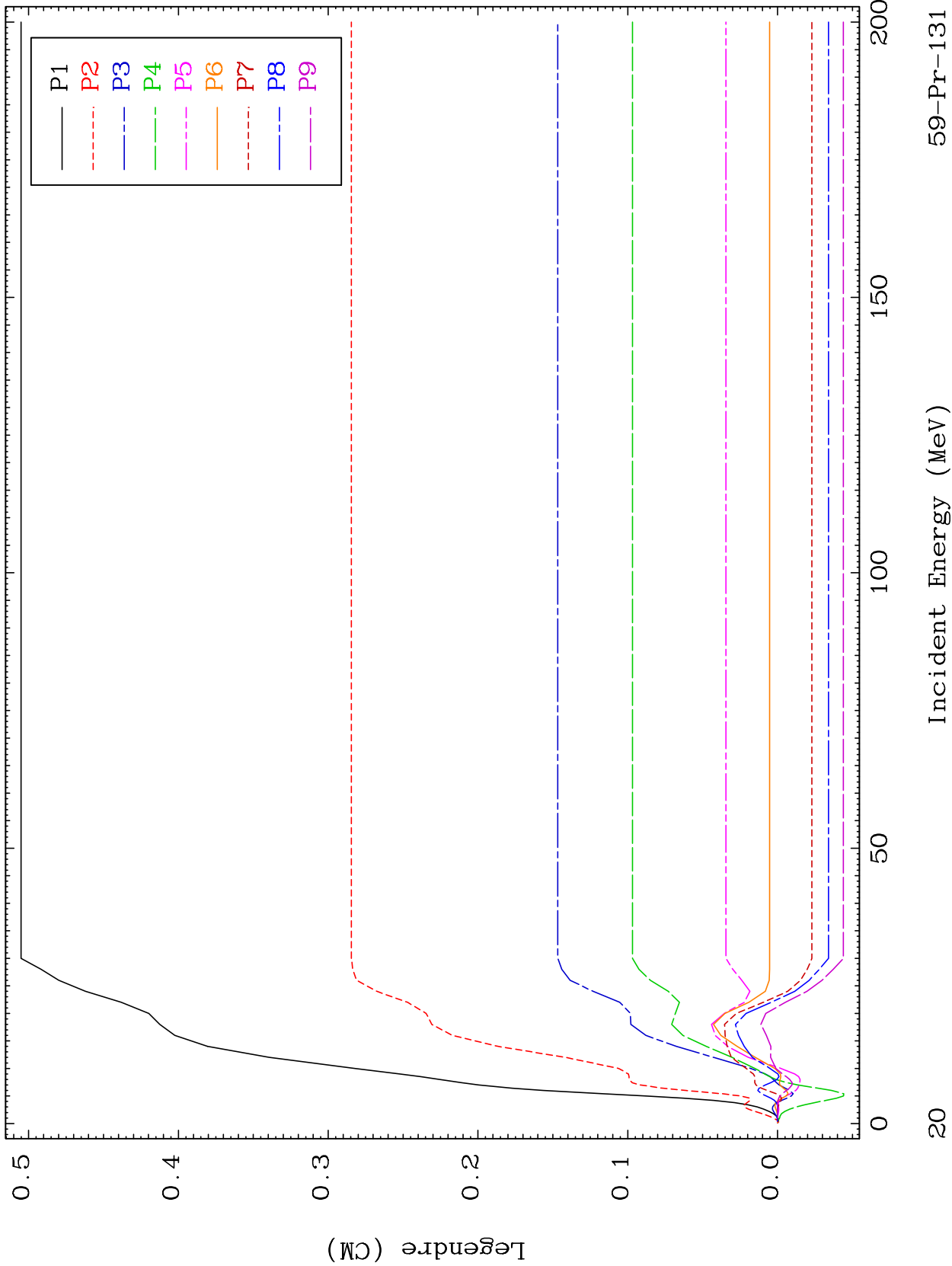
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

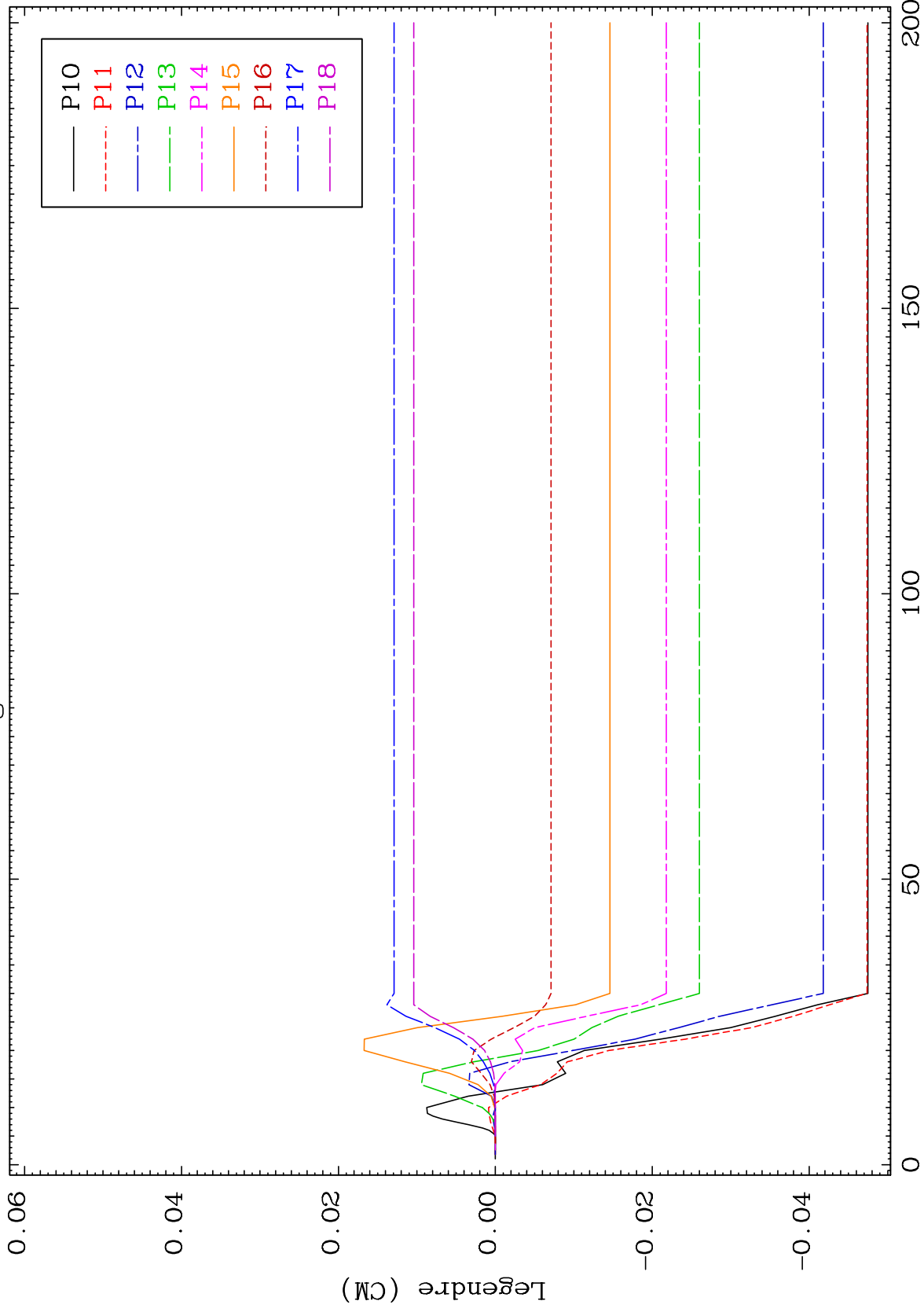
59-Pr-131



MAT 5895

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

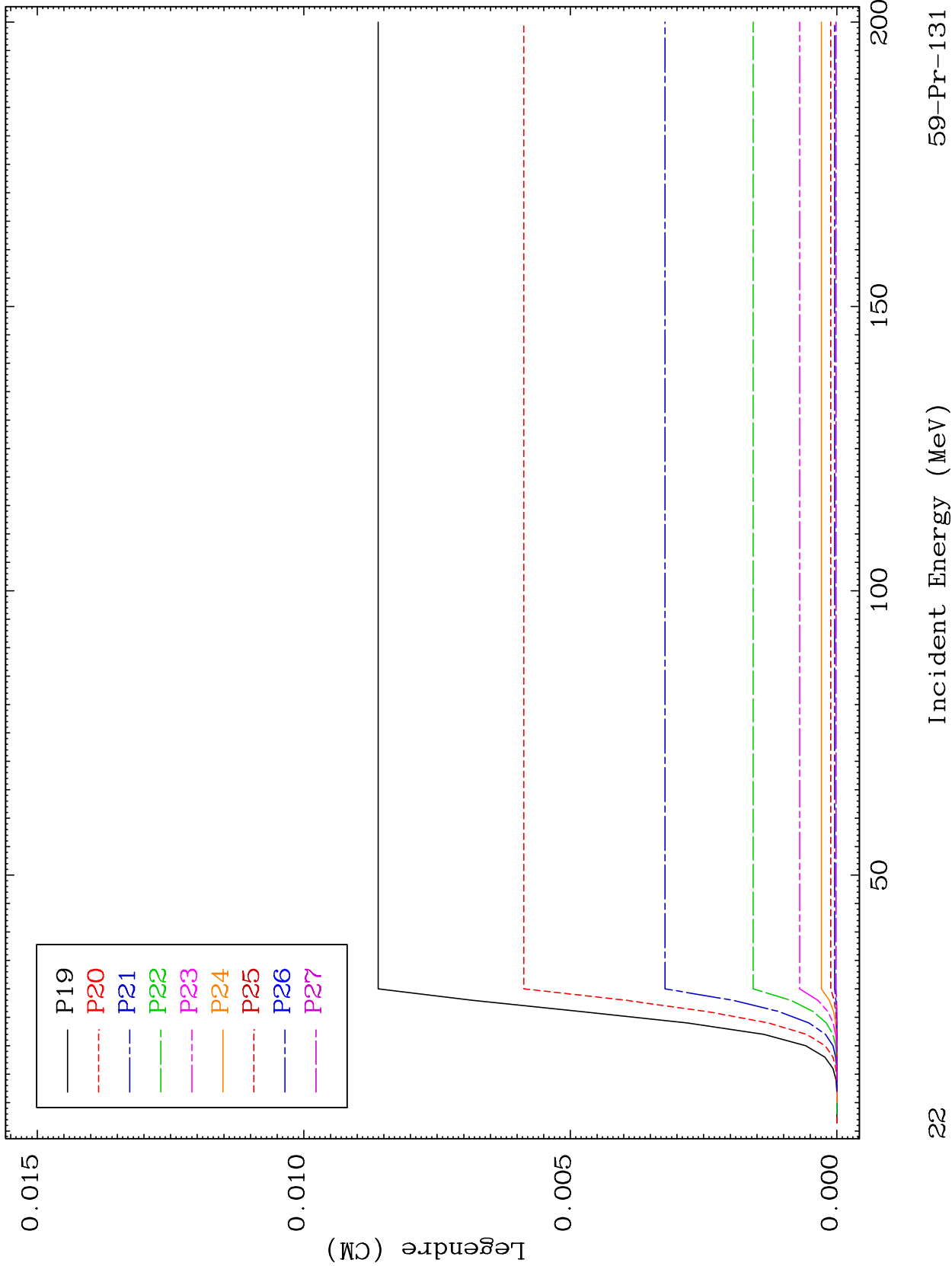
59-Pr-131



21

Incident Energy (MeV)

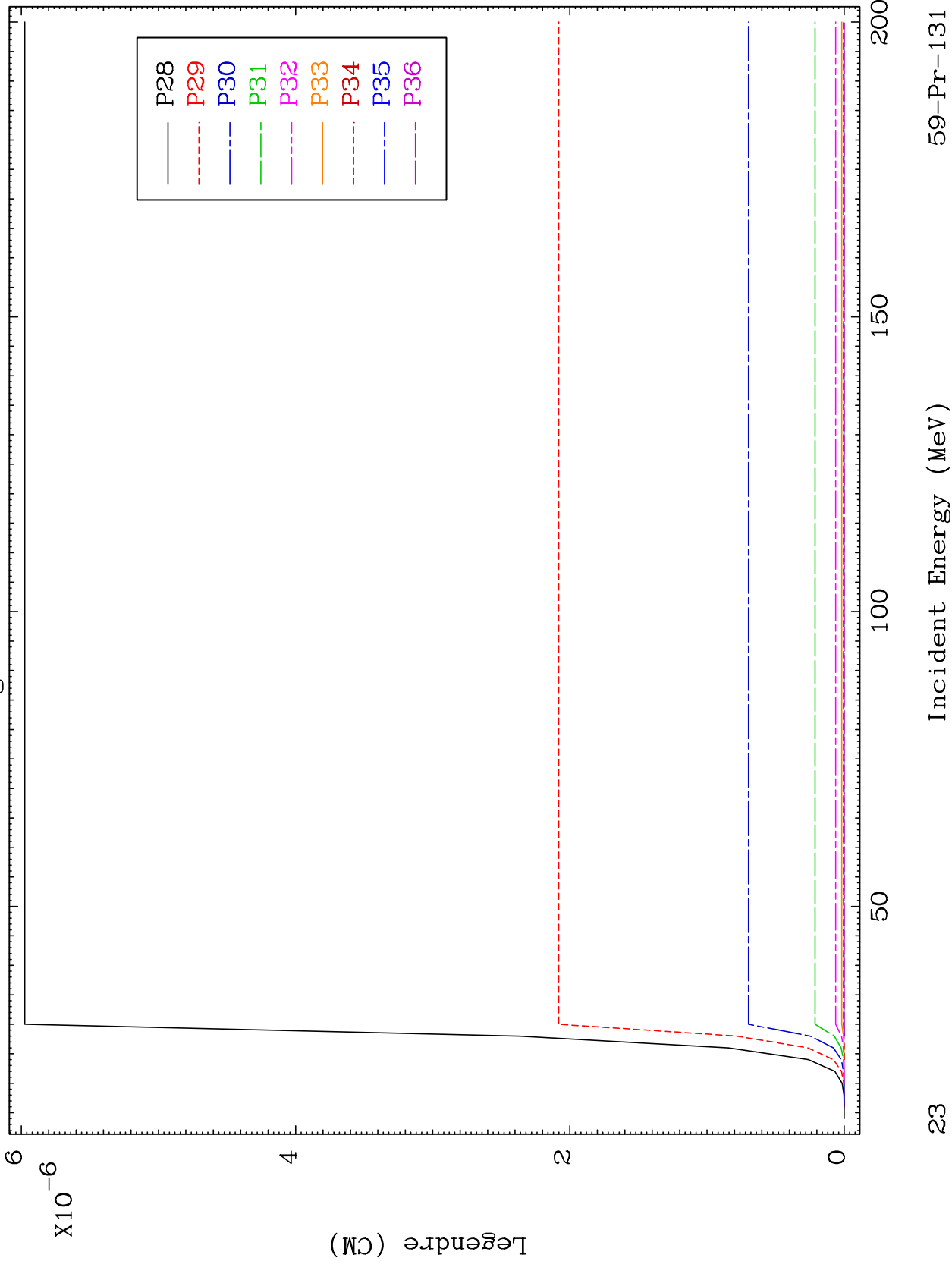
59-Pr-131



MAT 5895

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

59-Pr-131



23

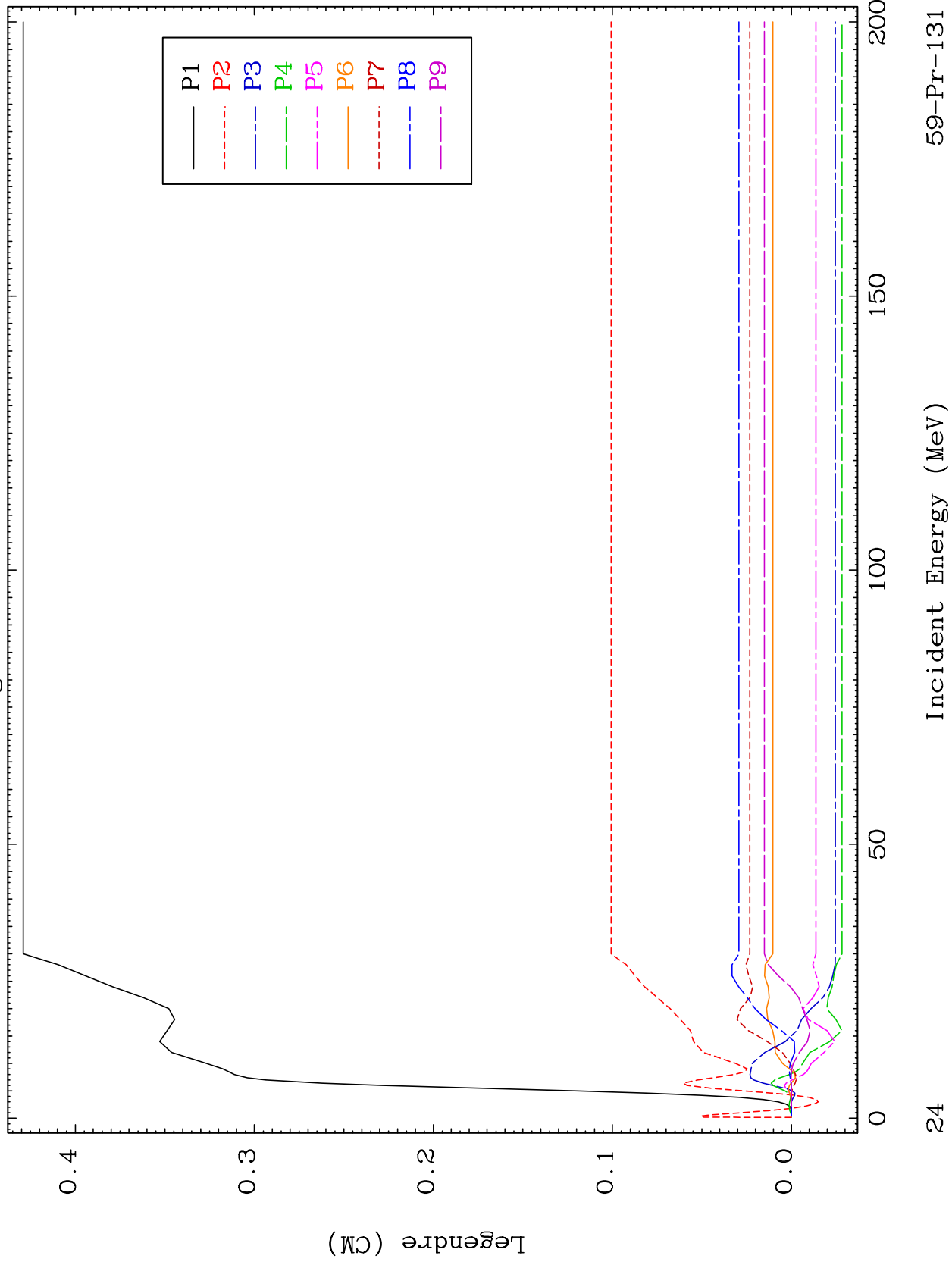
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



24

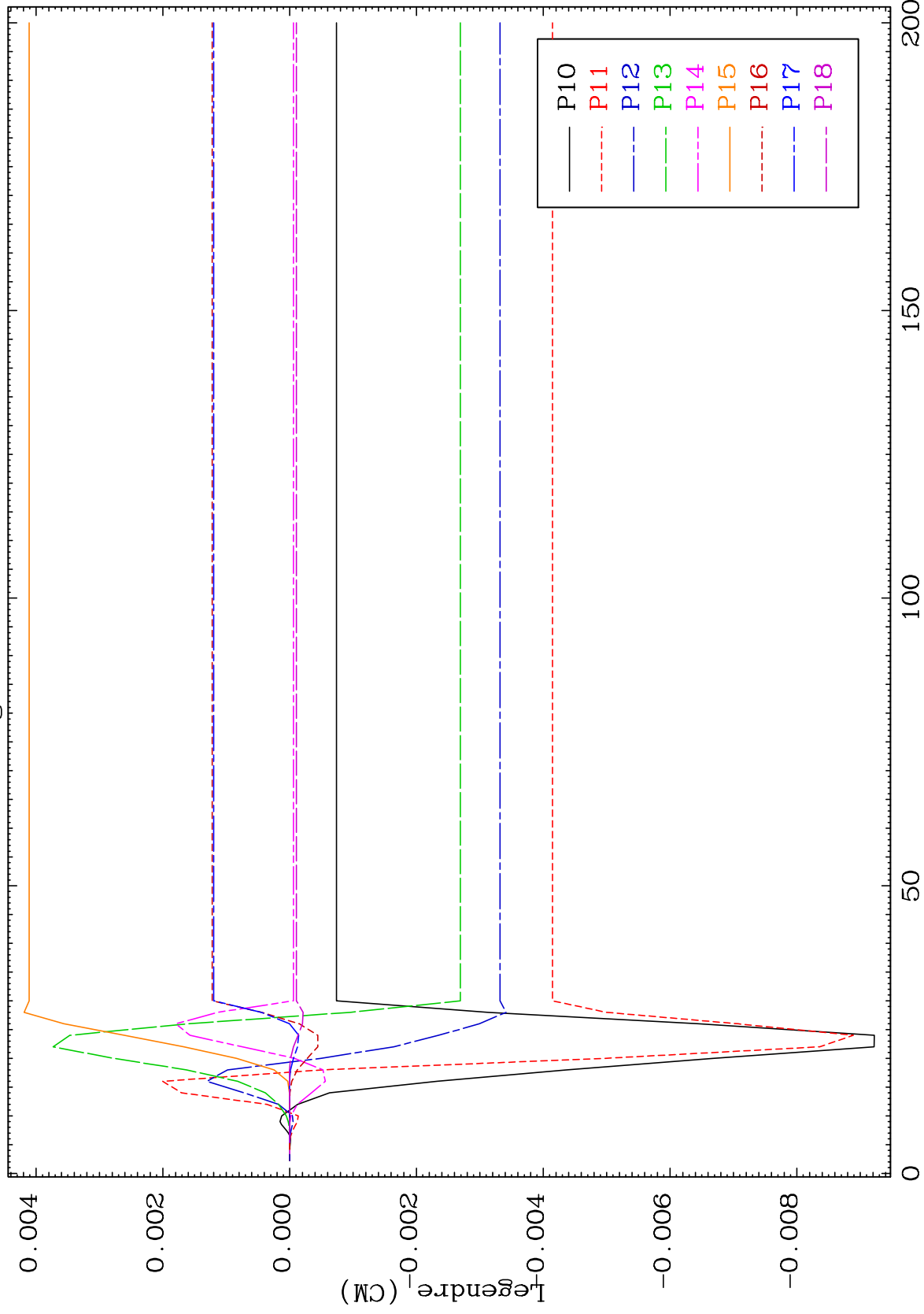
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



25

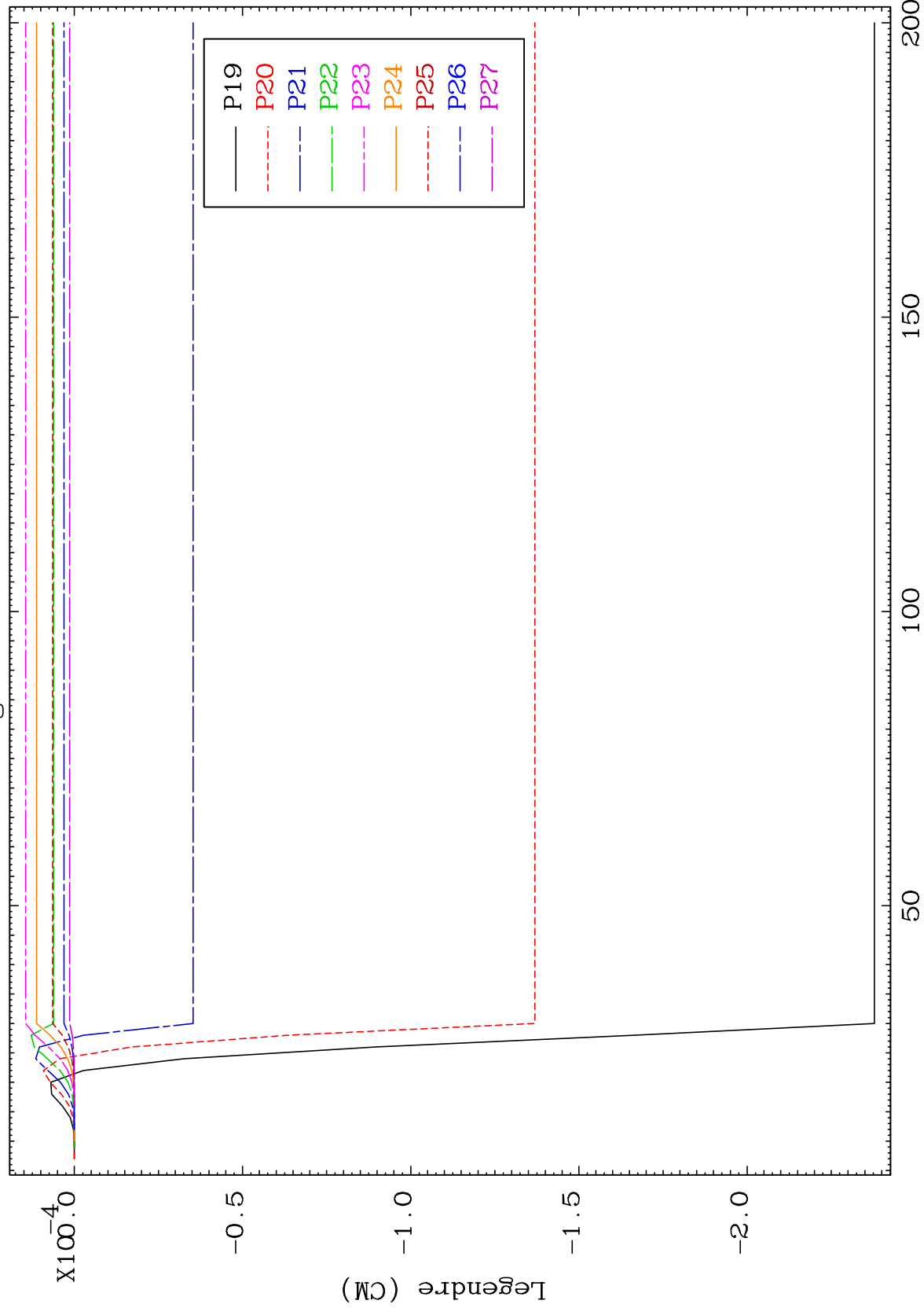
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



26

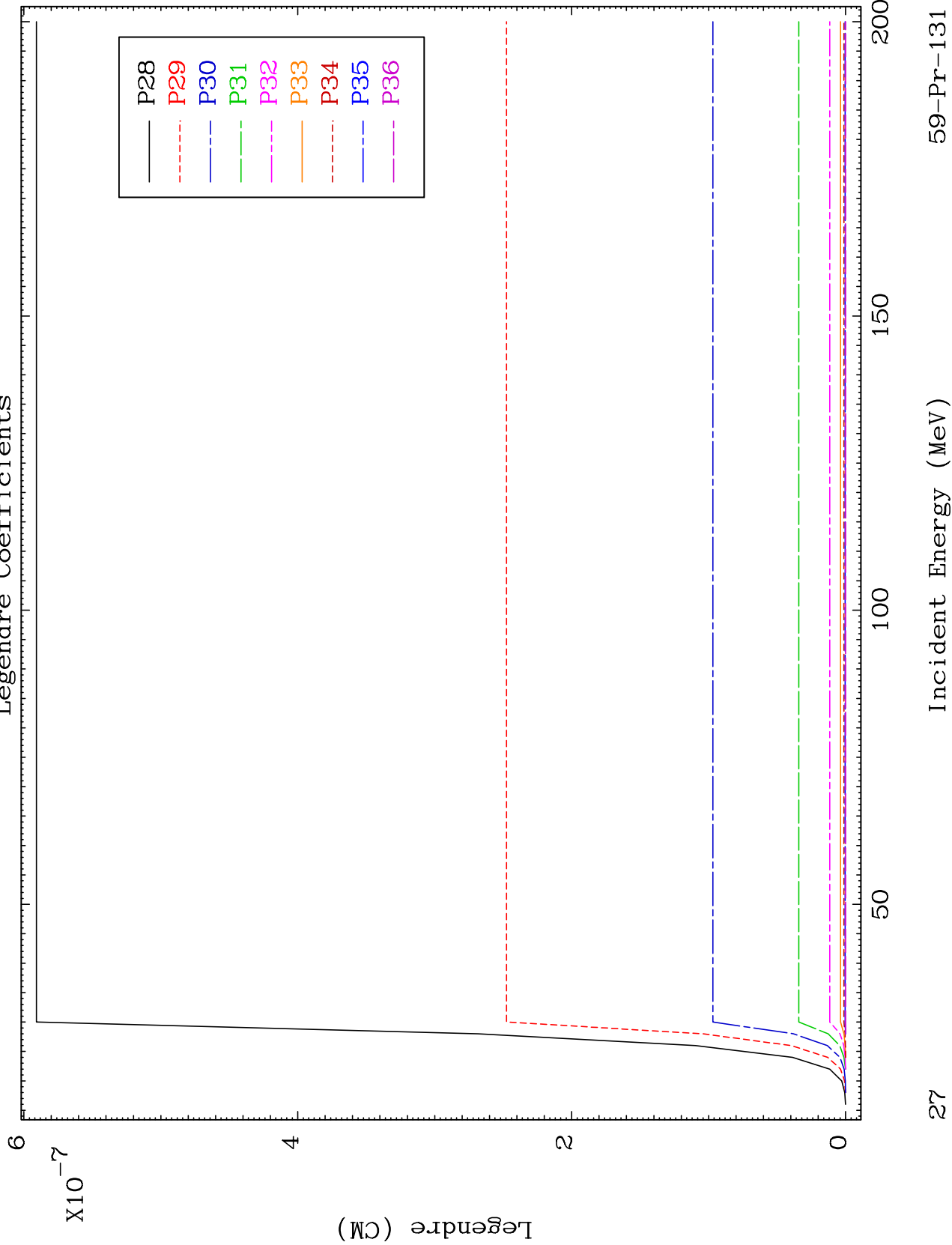
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



27

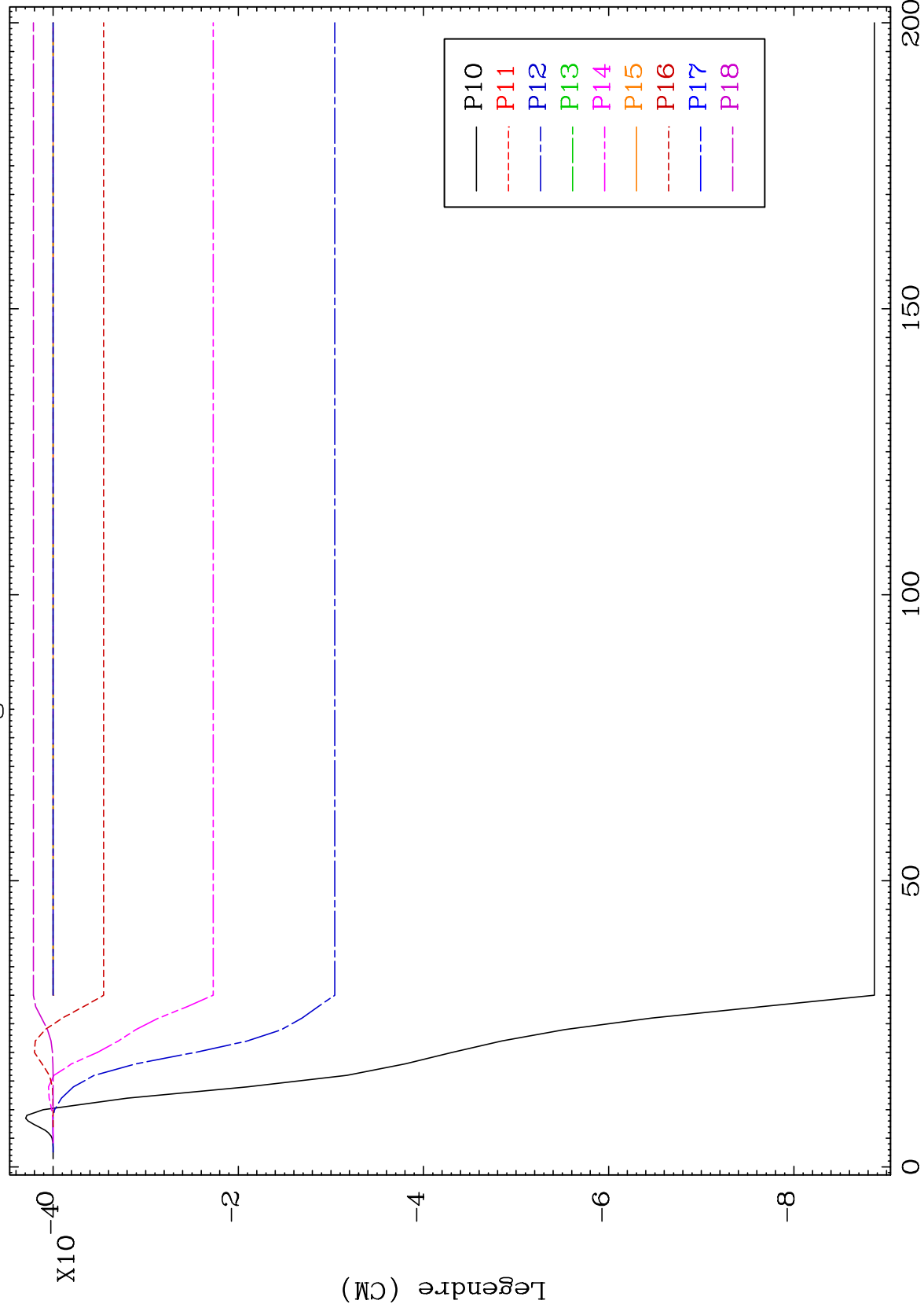
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

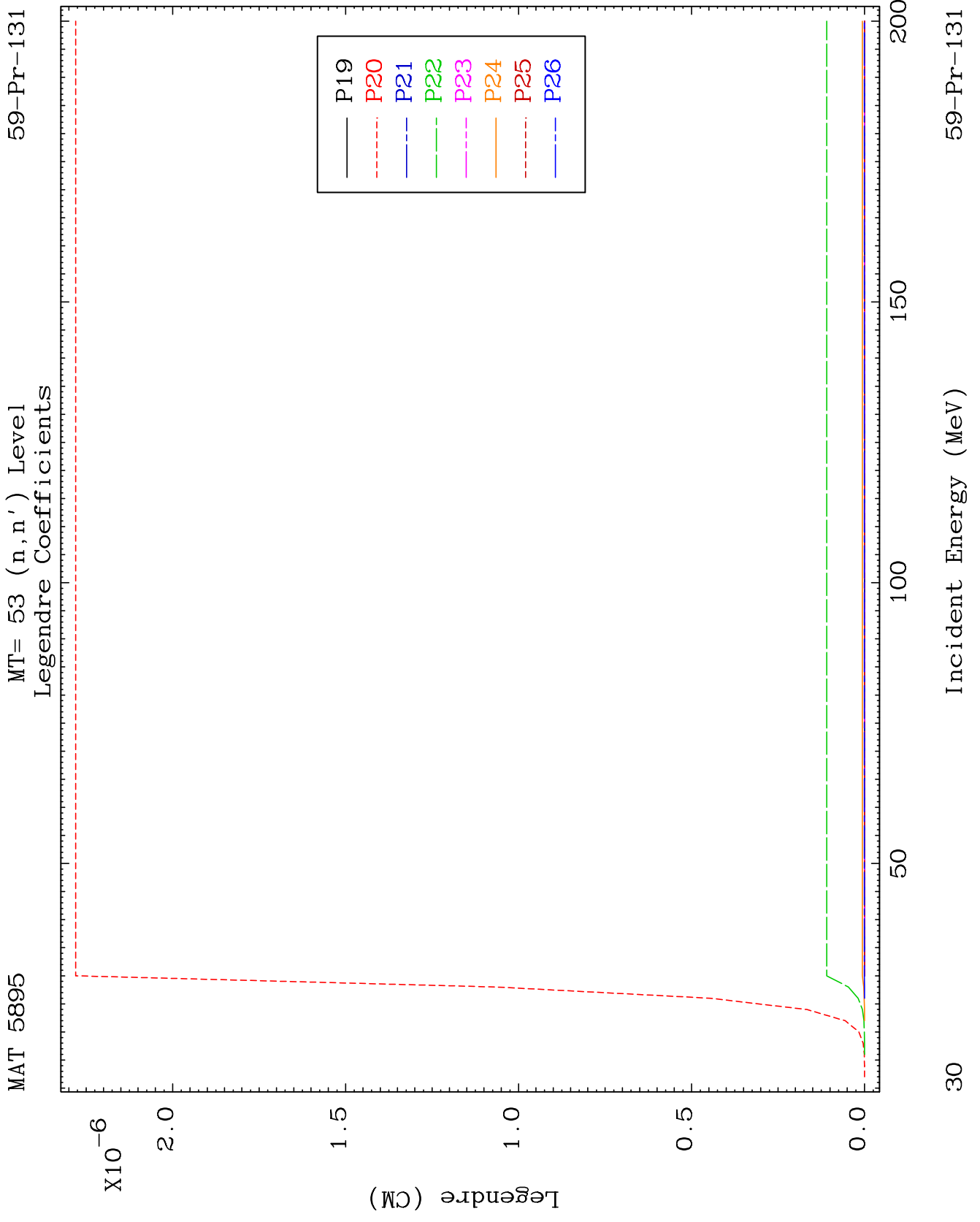
59-Pr-131

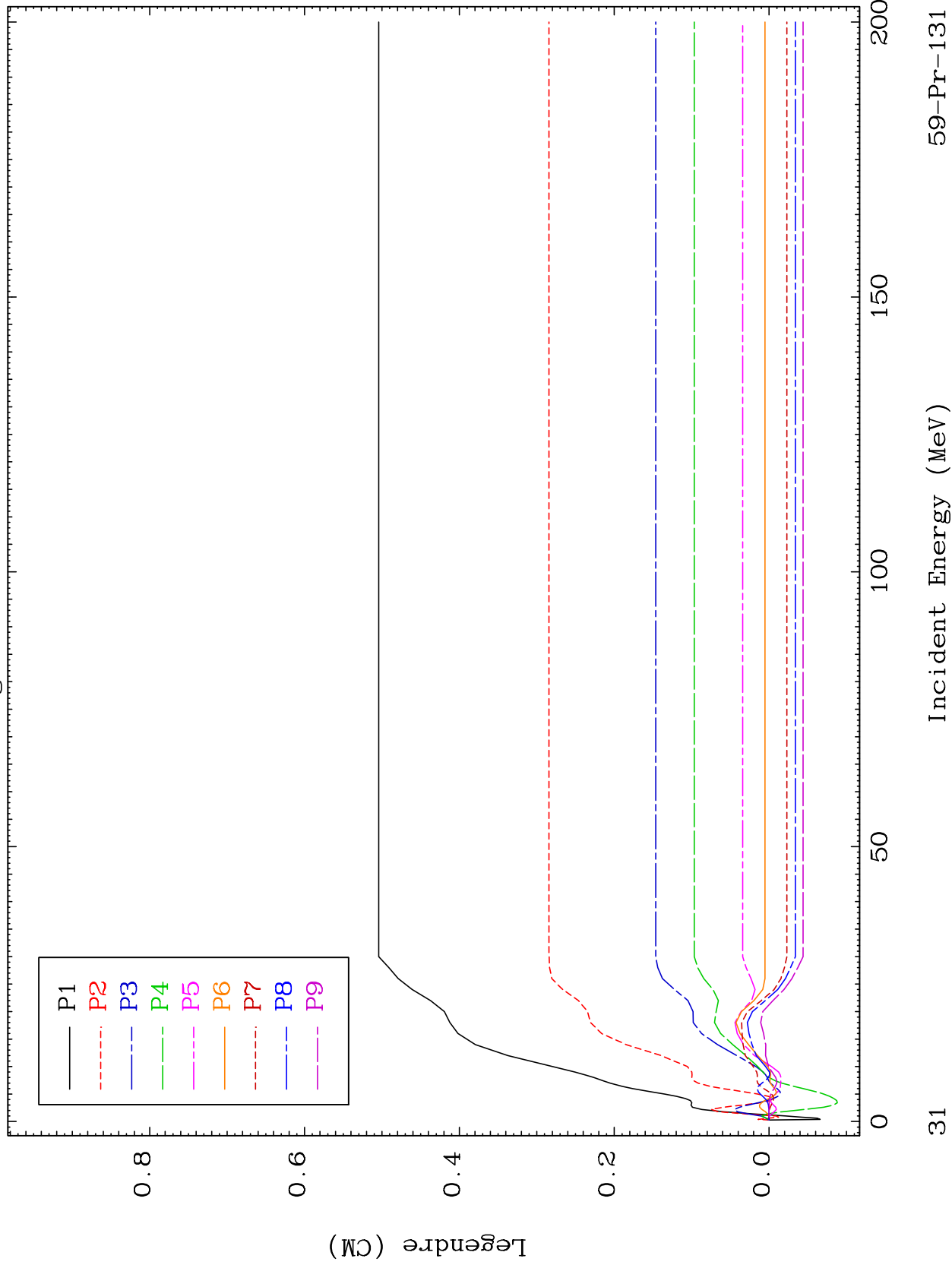


29

Incident Energy (MeV)

59-Pr-131

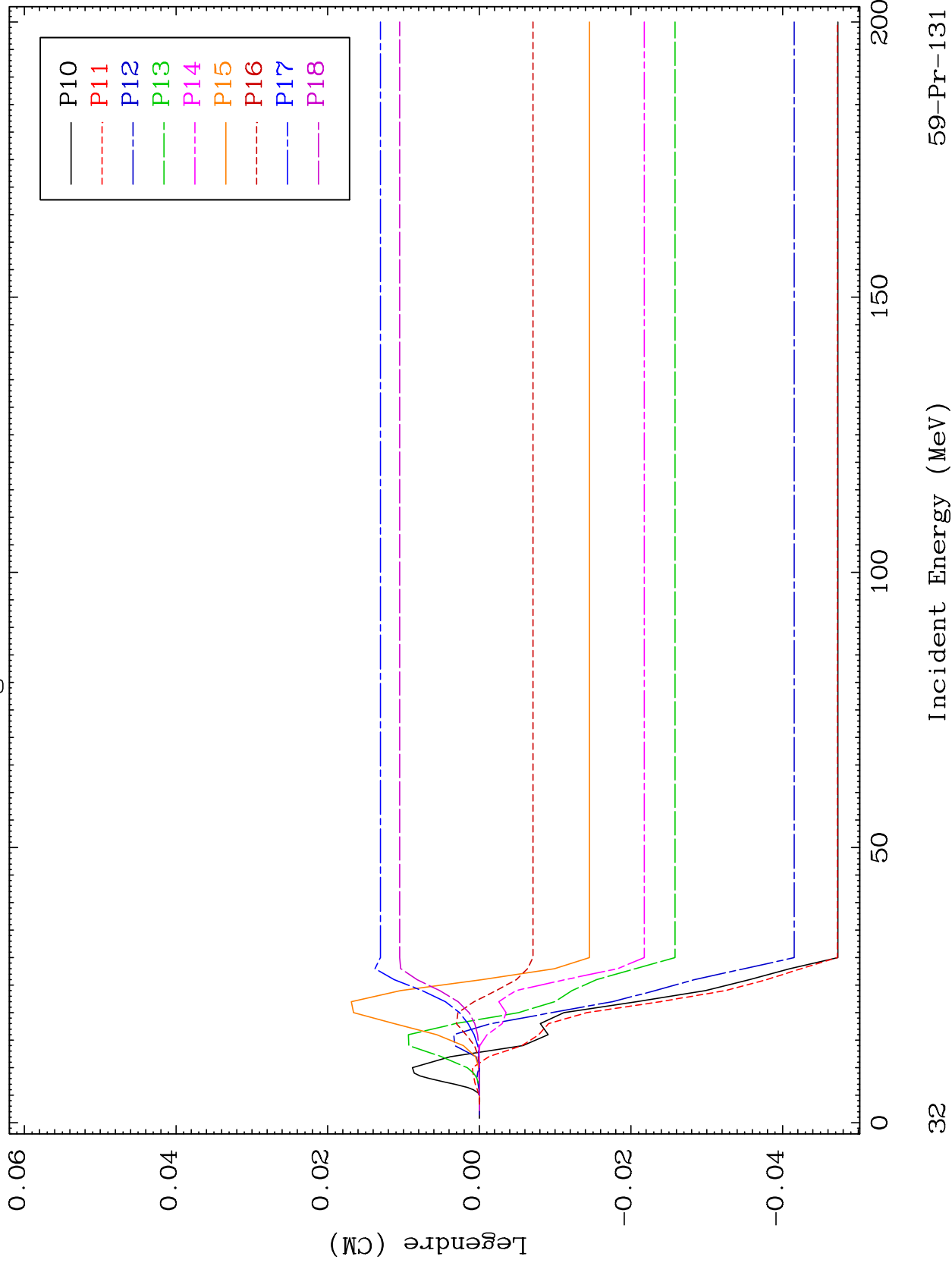




MAT 5895

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

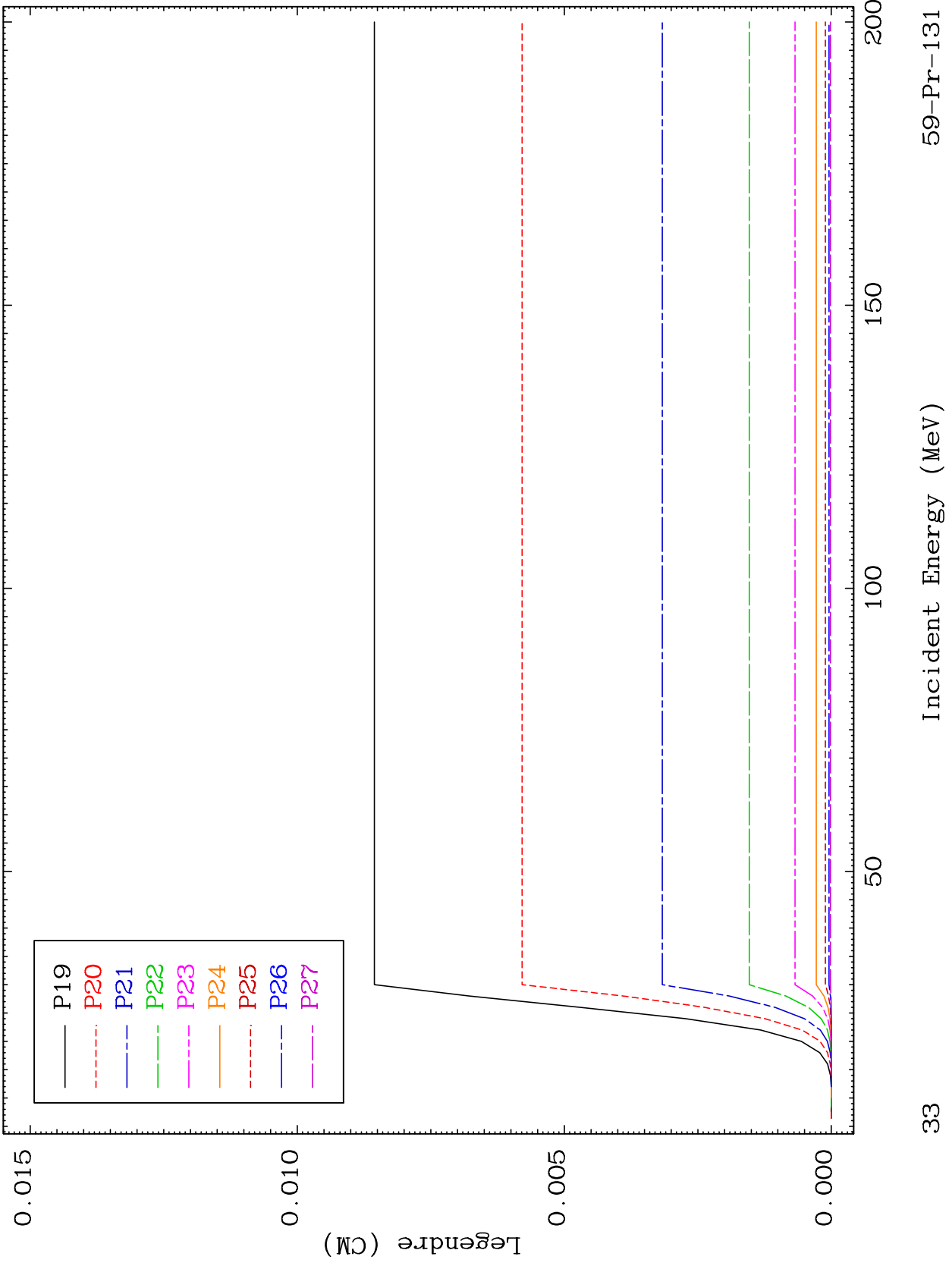
59-Pr-131



59-Pr-131

Incident Energy (MeV)

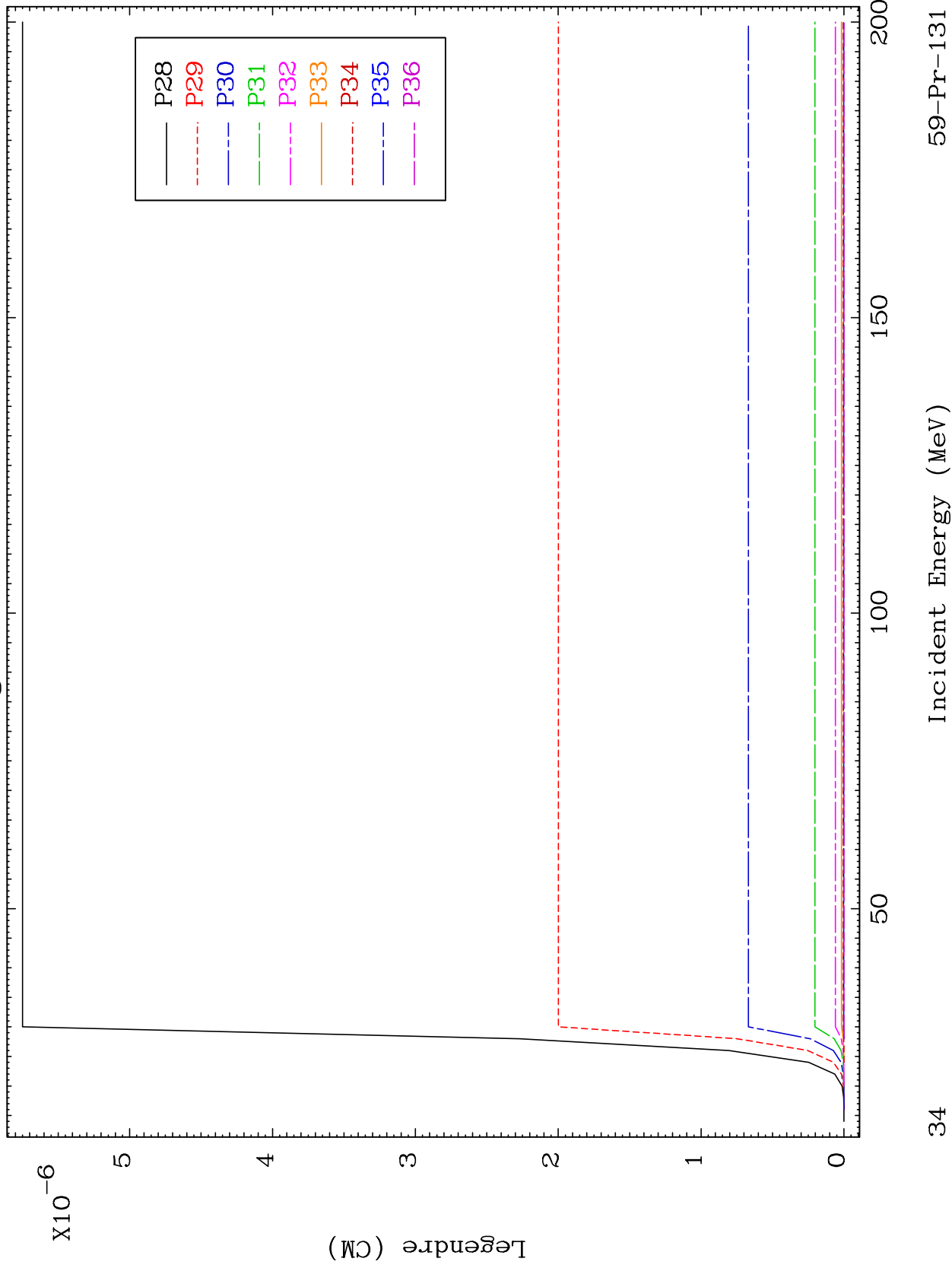
32



MAT 5895

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

59-Pr-131



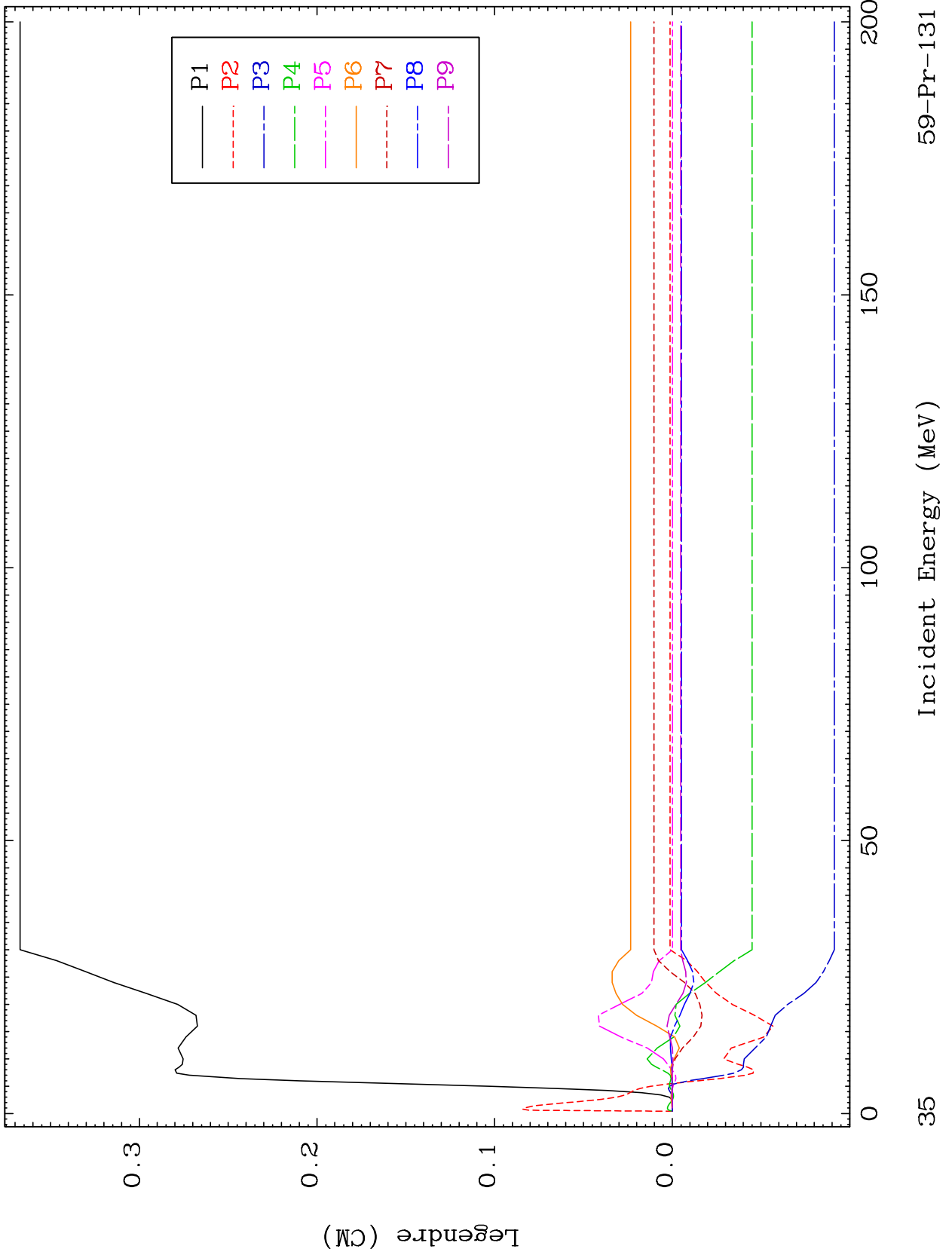
34

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

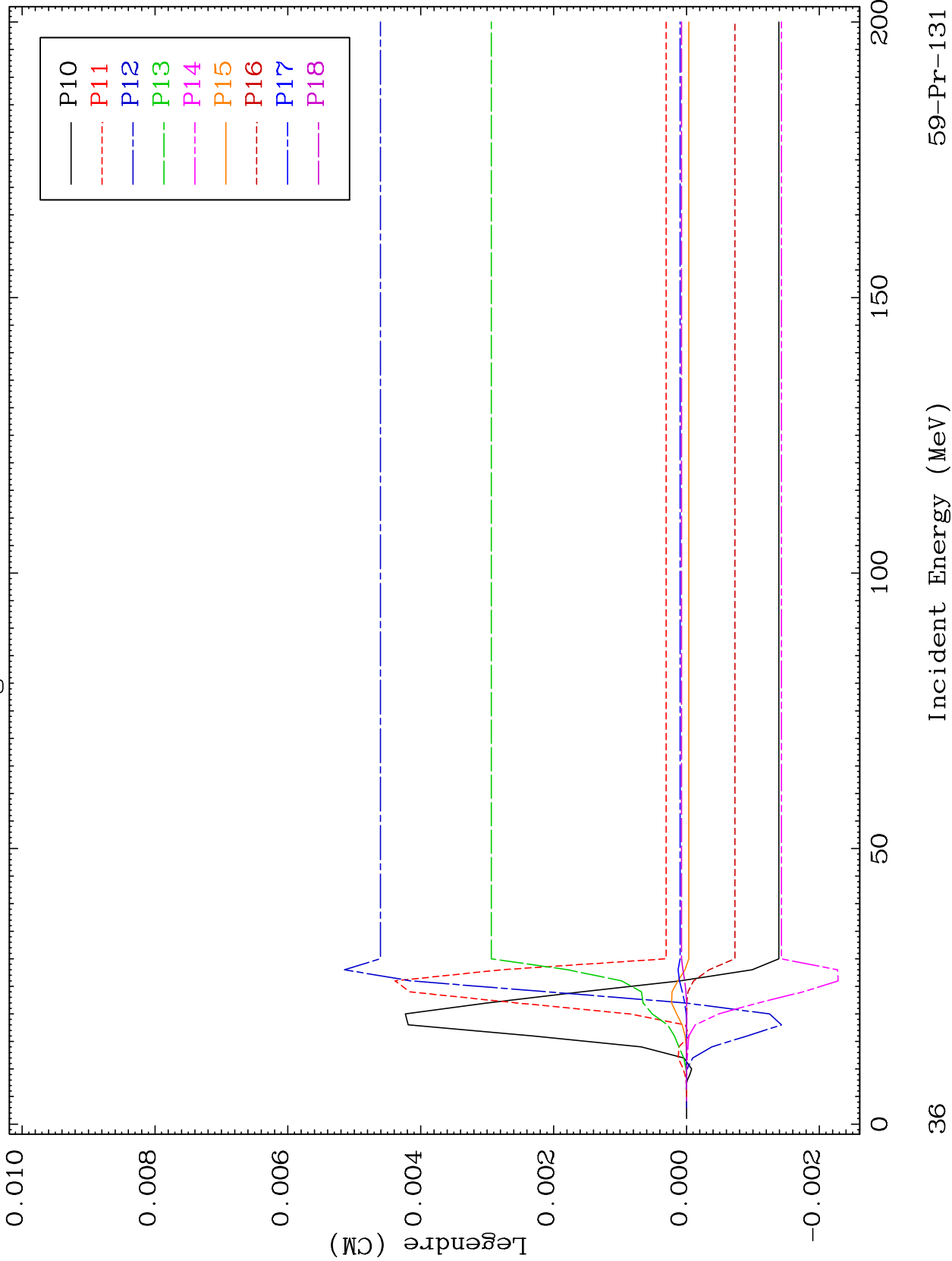
Incident Energy (MeV)

35

MAT 5895

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

59-Pr-131



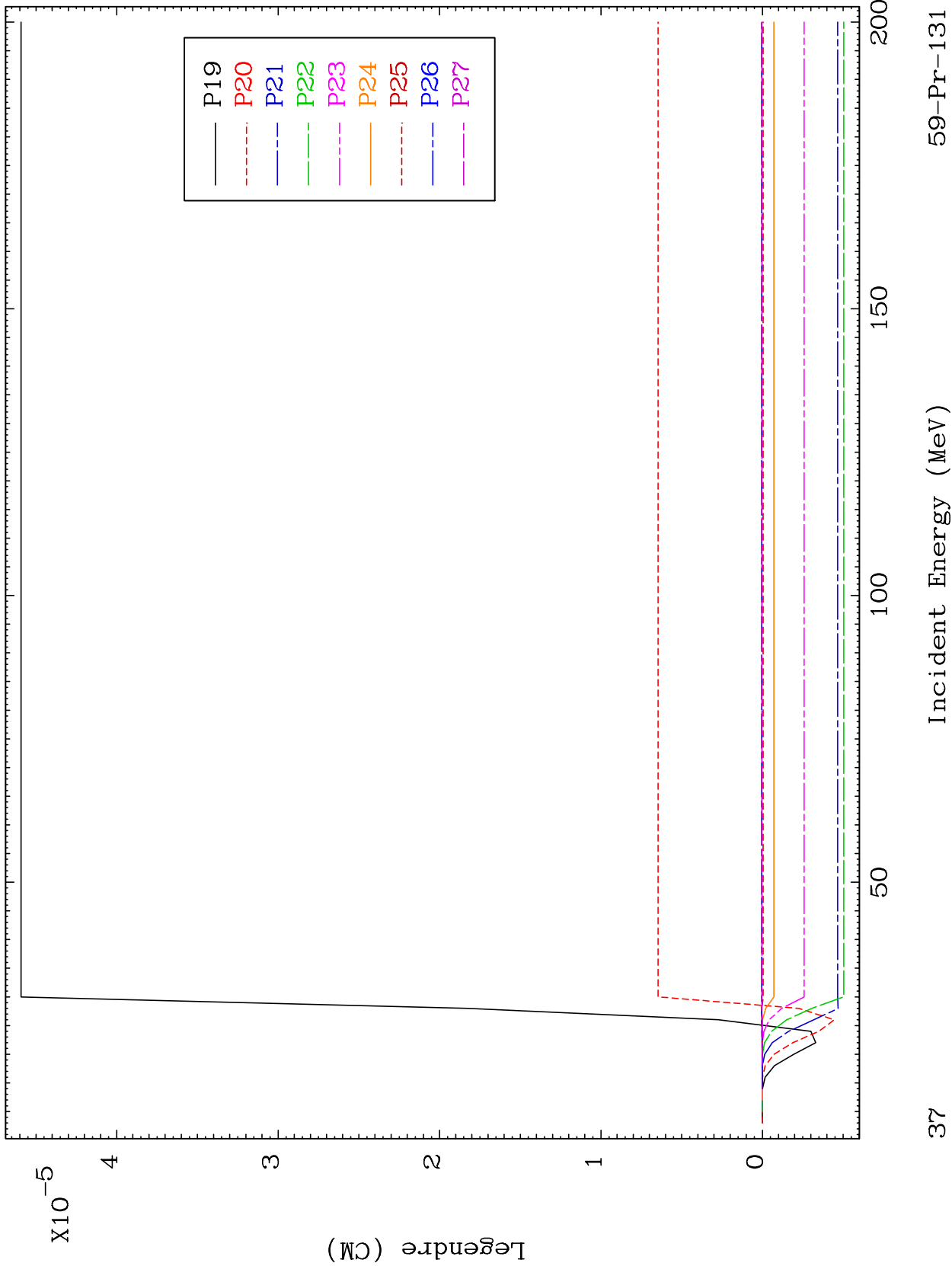
36

59-Pr-131

MAT 5895

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

59-Pr-131



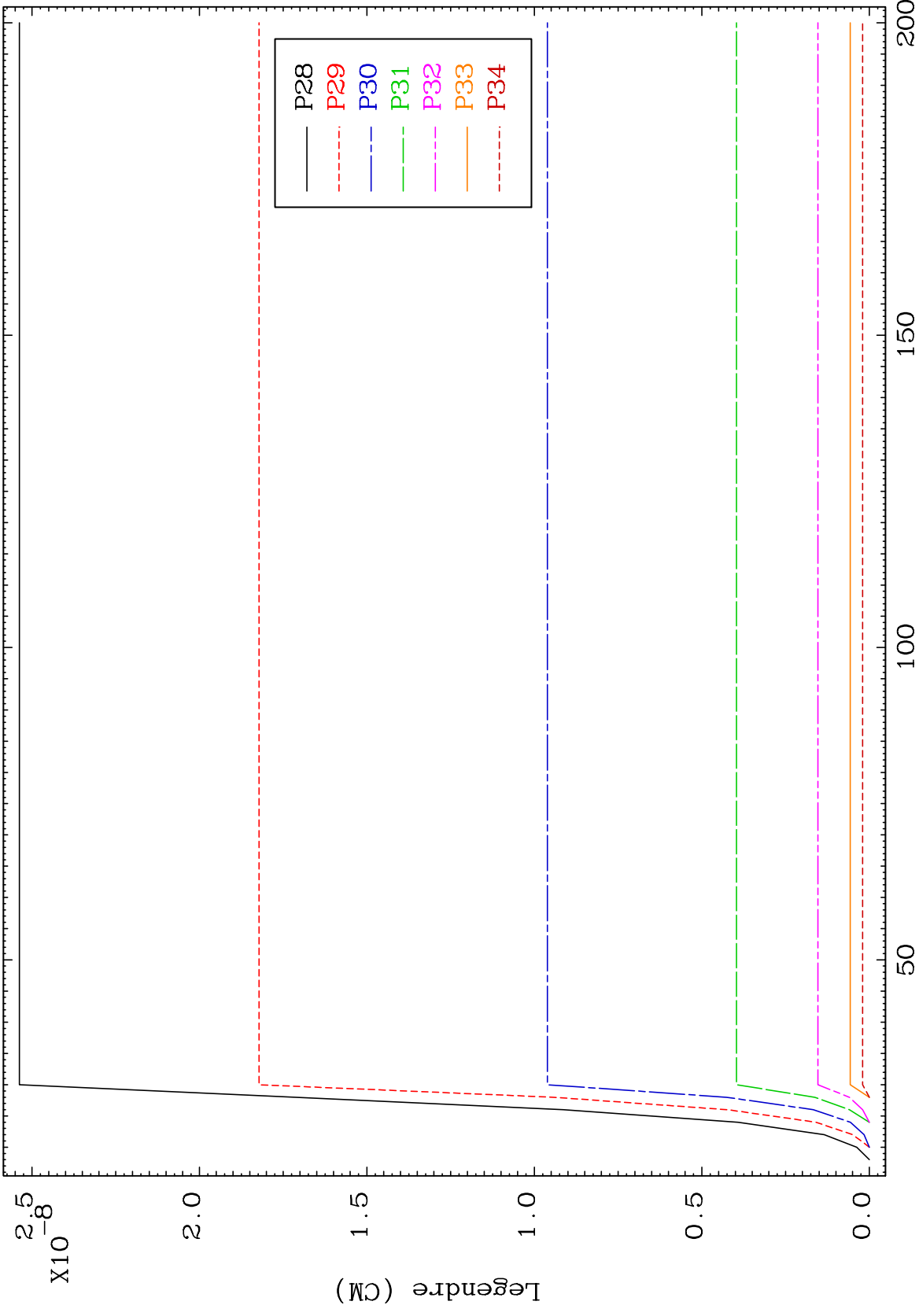
37

59-Pr-131

MAT 5895

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

59-Pr-131



38

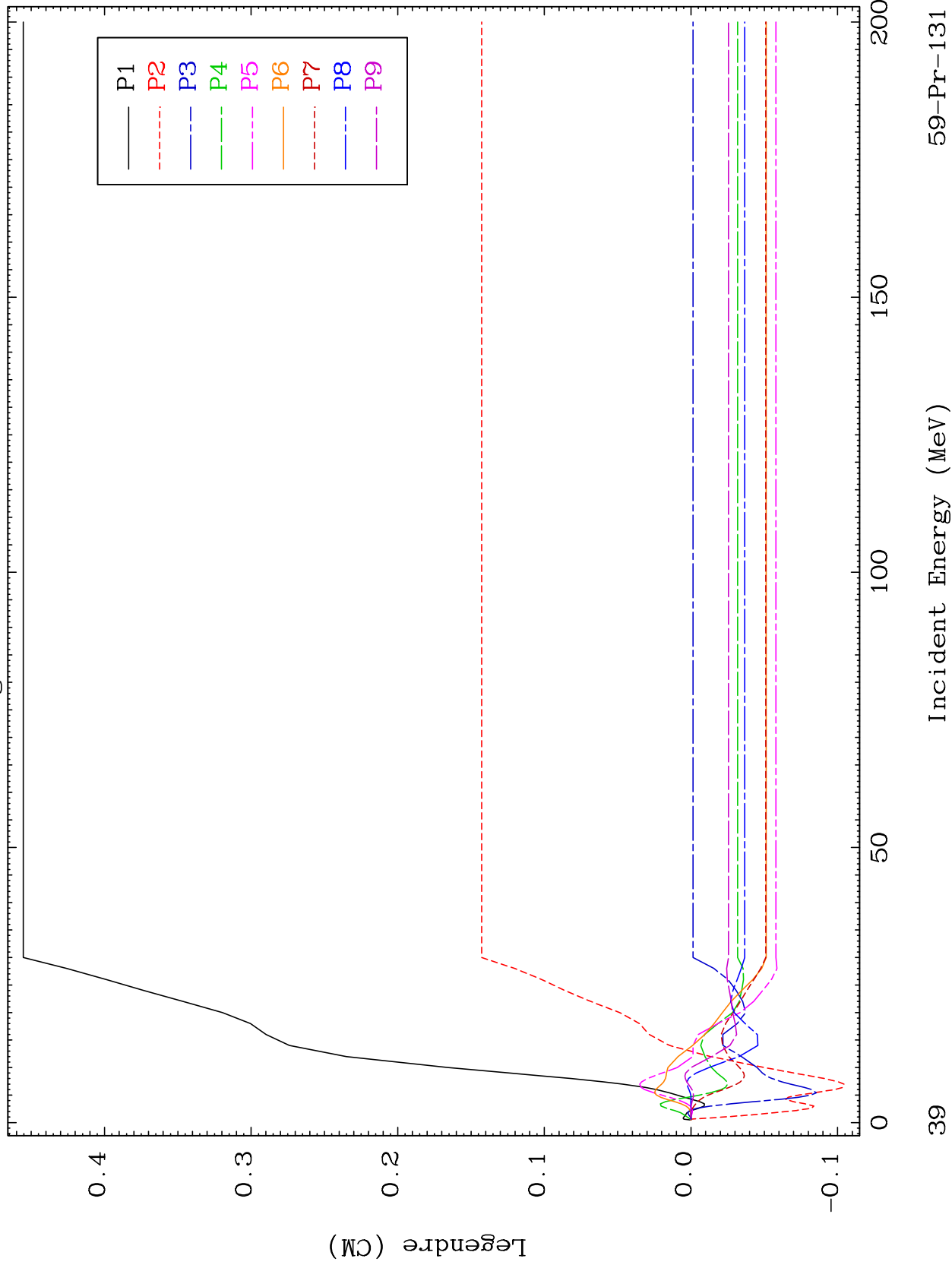
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

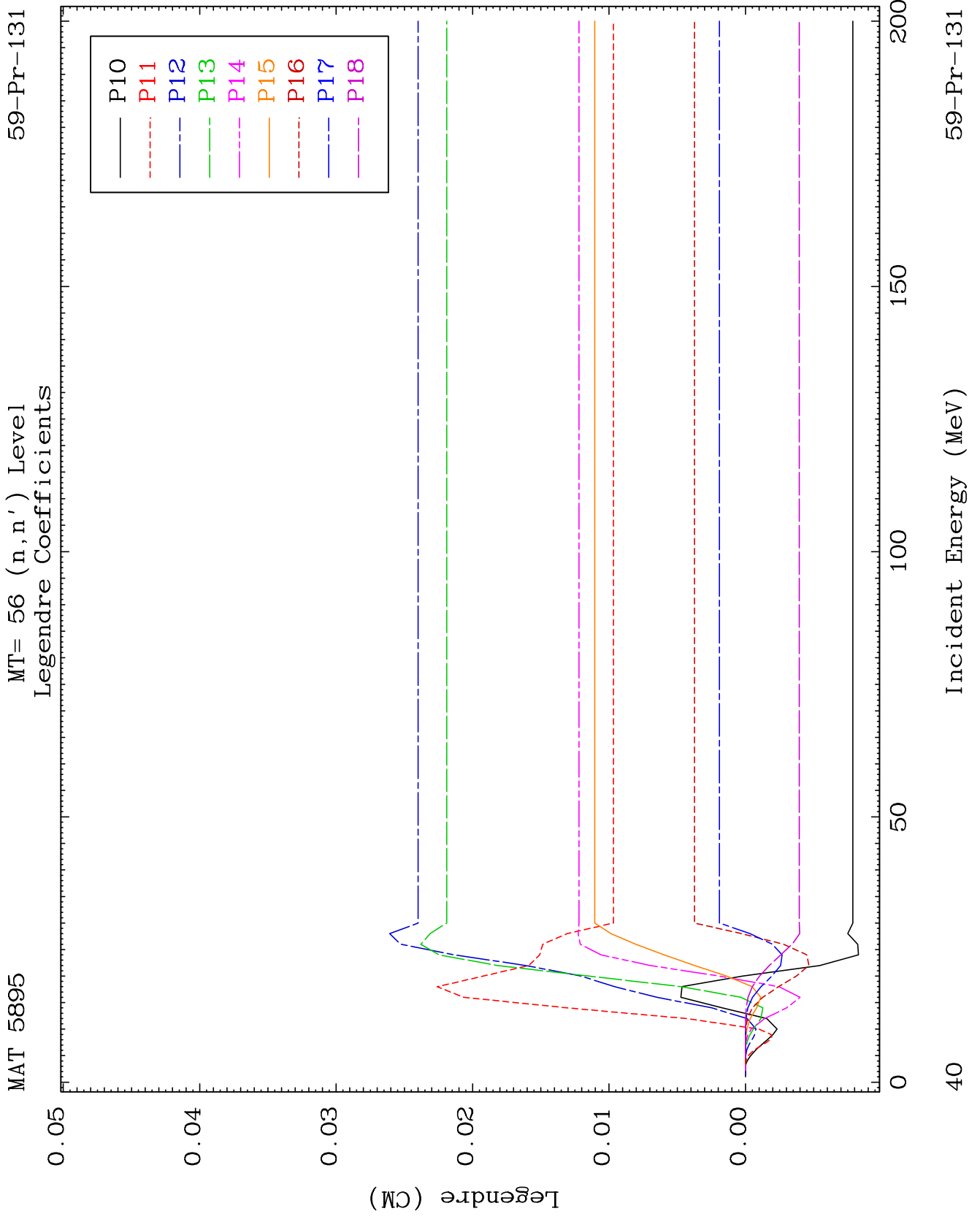
59-Pr-131



59-Pr-131

Incident Energy (MeV)

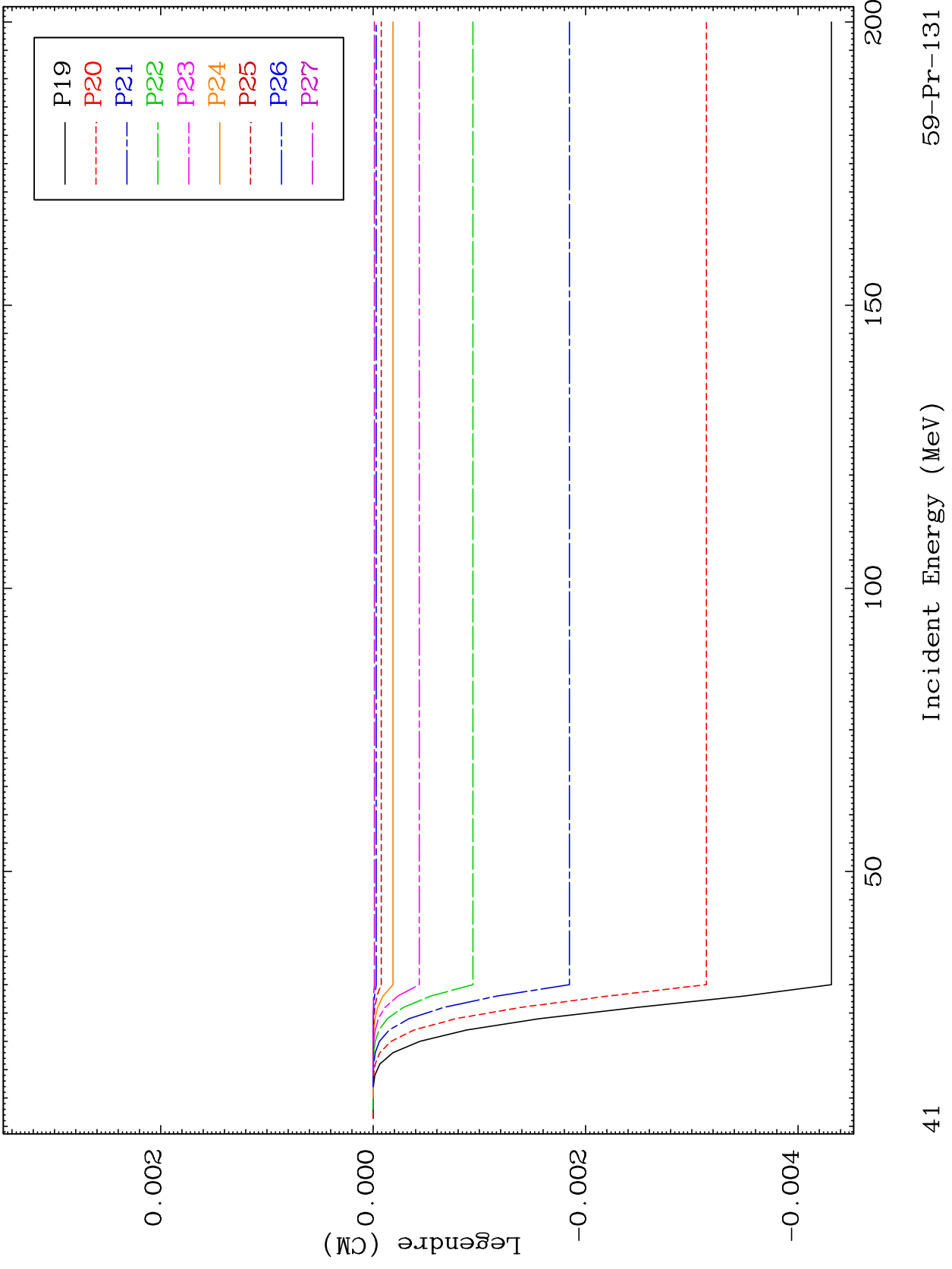
39

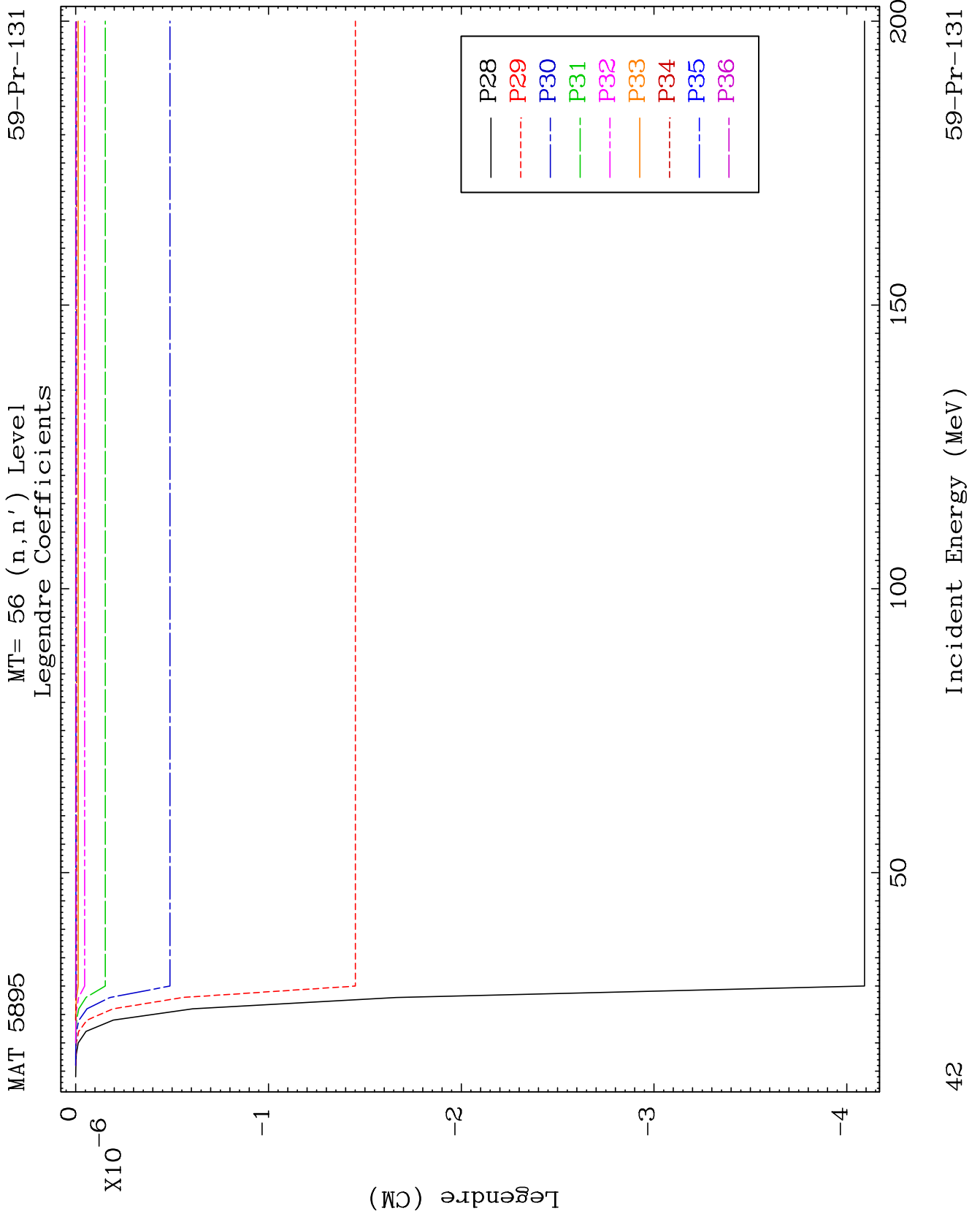


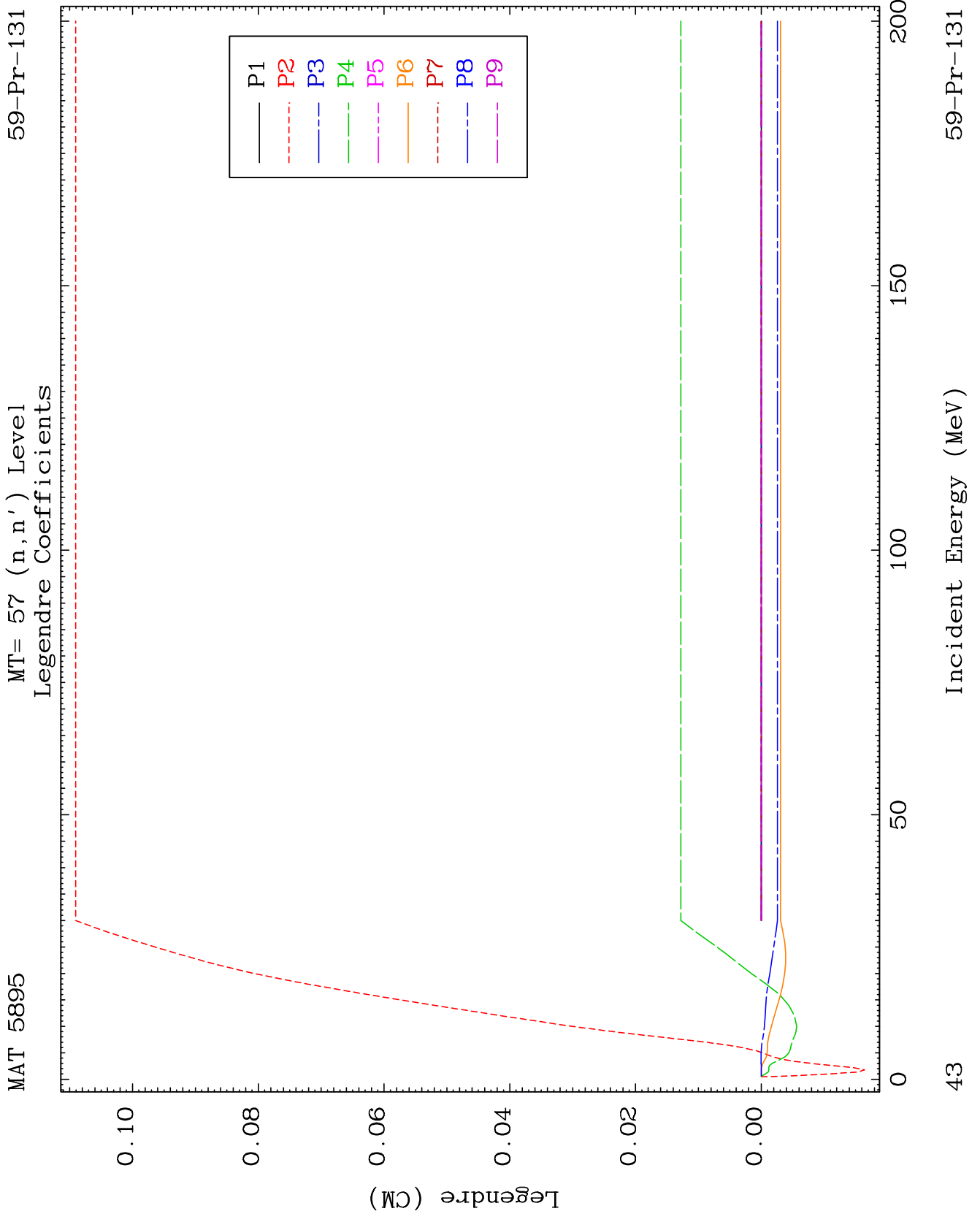
MAT 5895

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

59-Pr-131







59-Pr-131

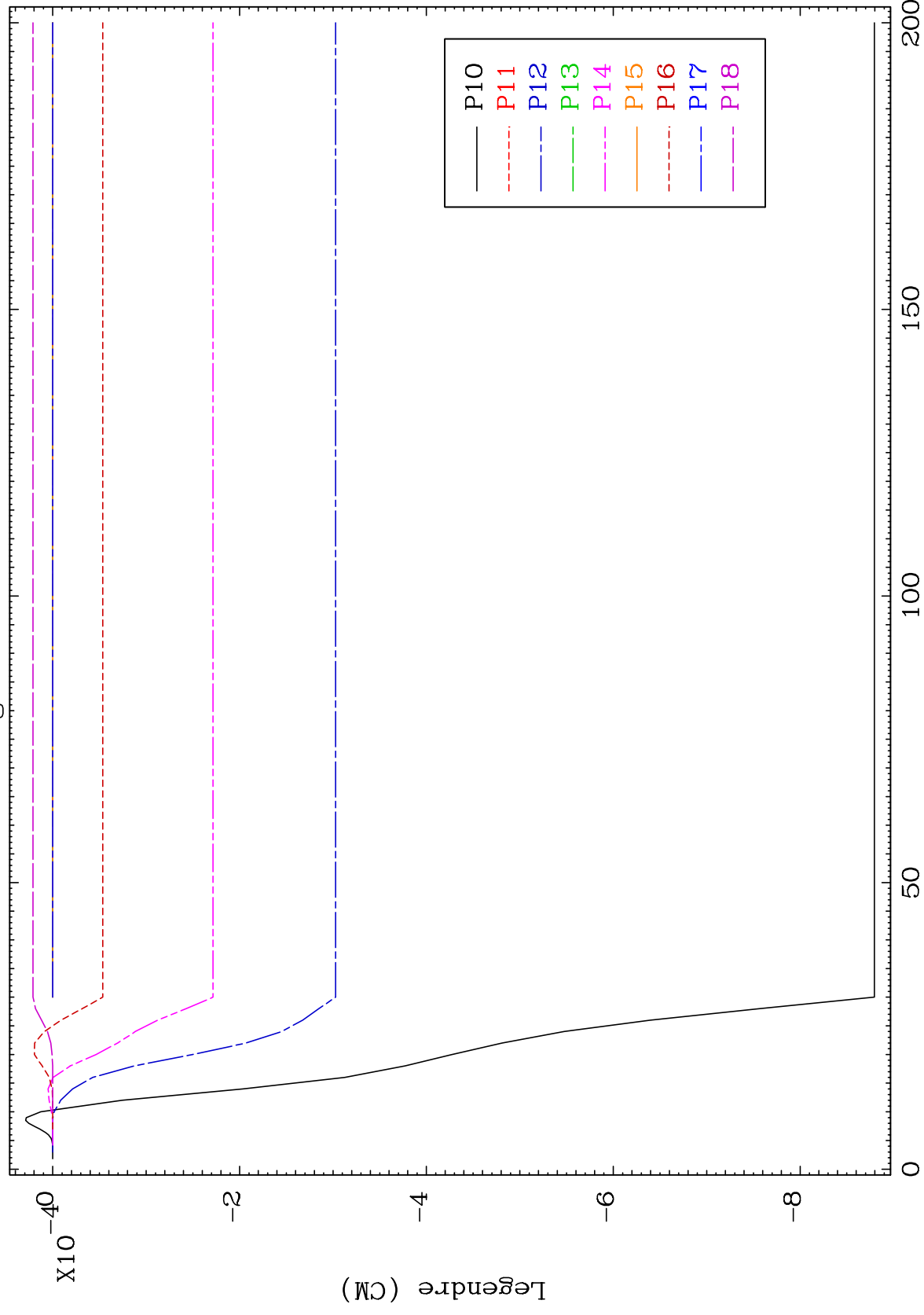
Incident Energy (MeV)

43

MAT 5895

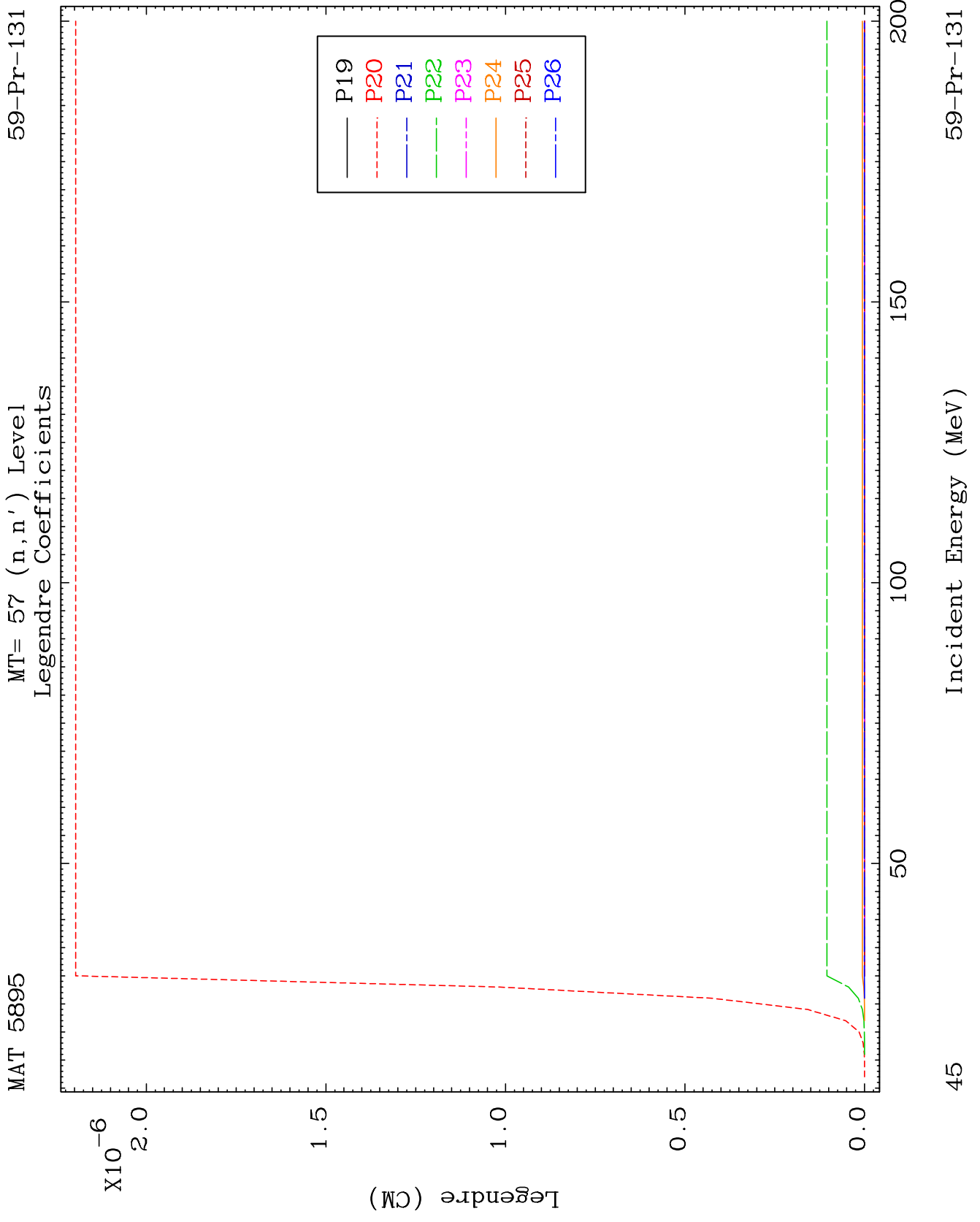
MT= 57 (n,n') Level
Legendre Coefficients

59-Pr-131



44

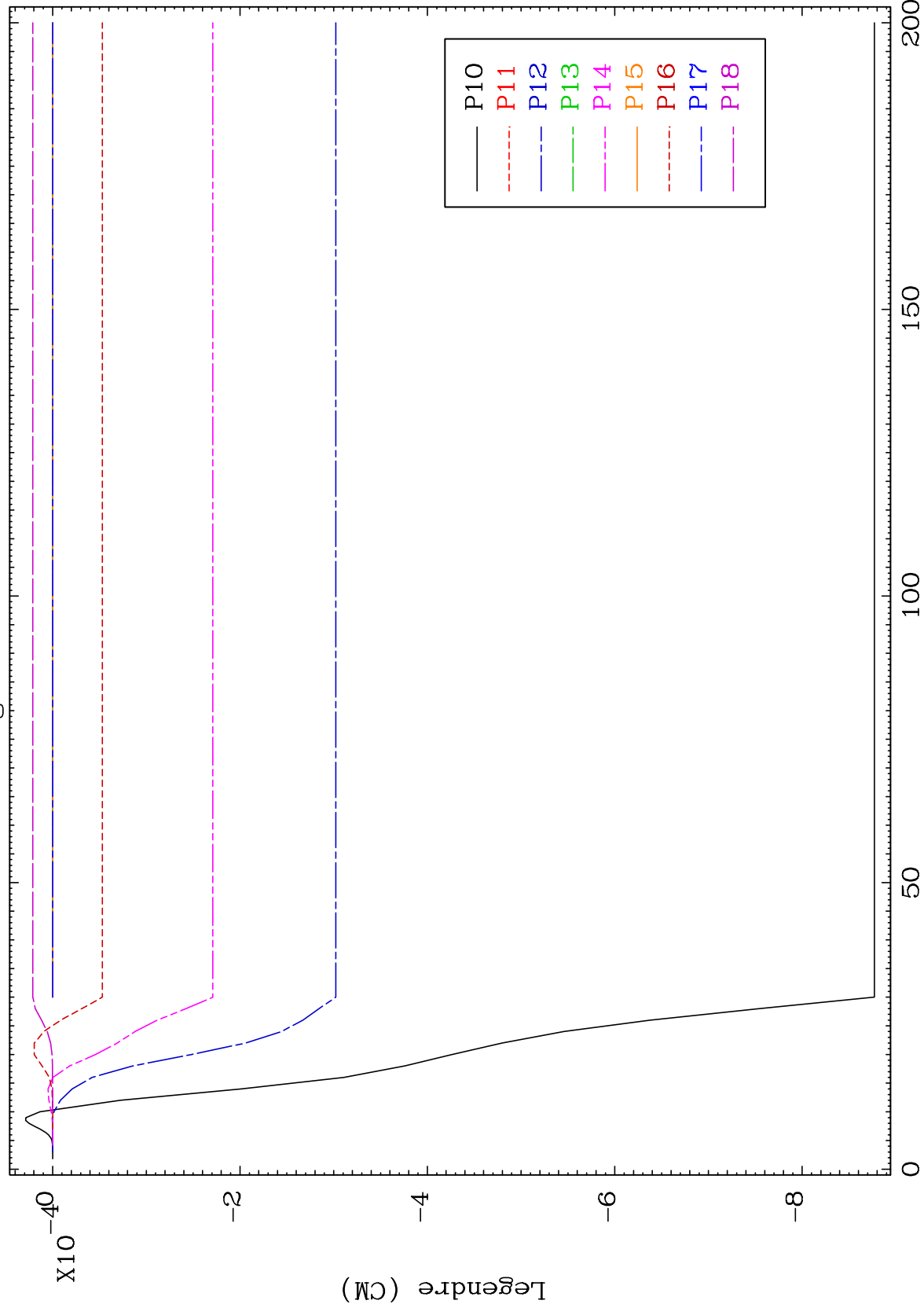
59-Pr-131



MAT 5895

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

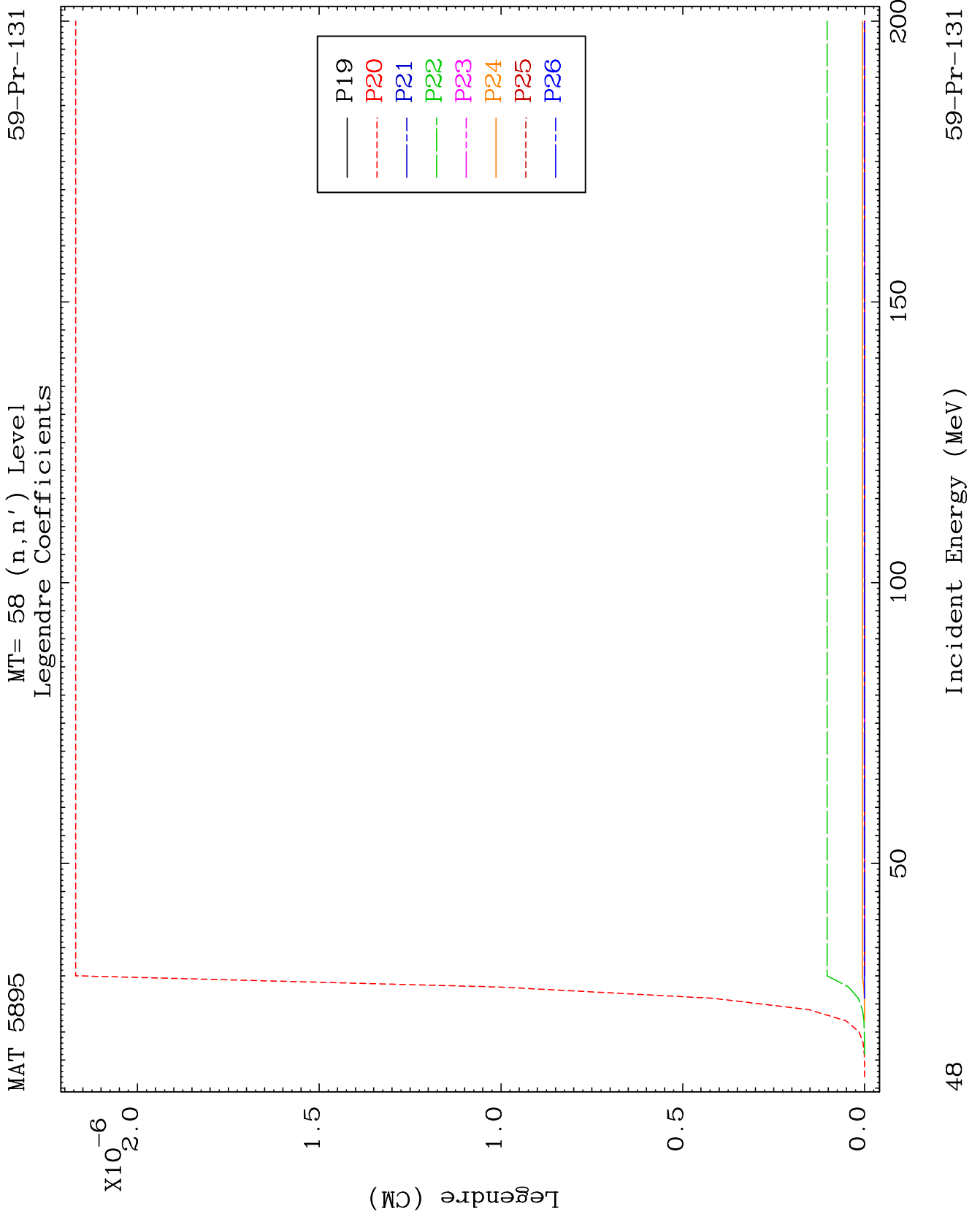
59-Pr-131



47

Incident Energy (MeV)

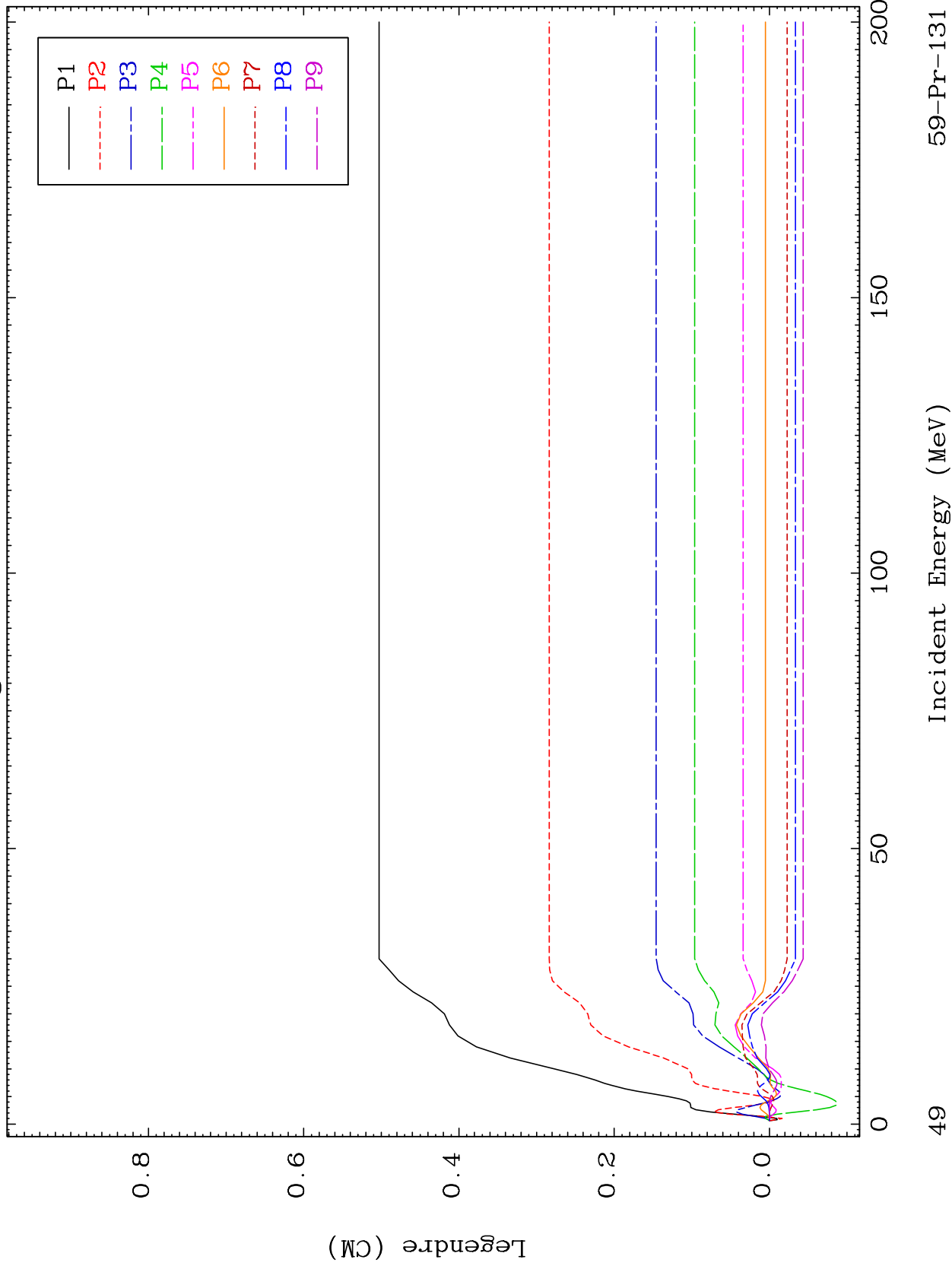
59-Pr-131



MAT 5895

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

59-Pr-131



59-Pr-131

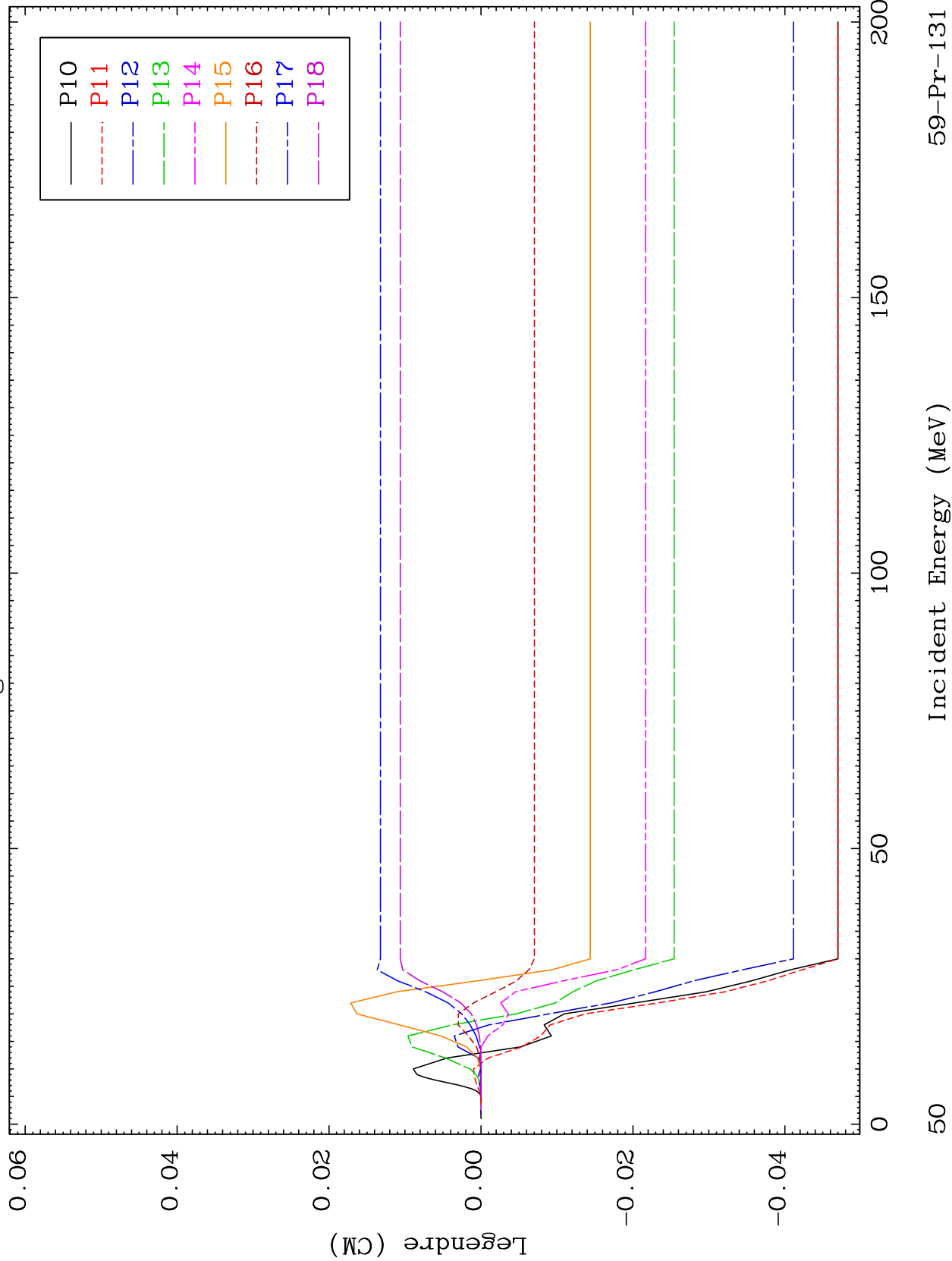
Incident Energy (MeV)

49

MAT 5895

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

59-Pr-131



59-Pr-131

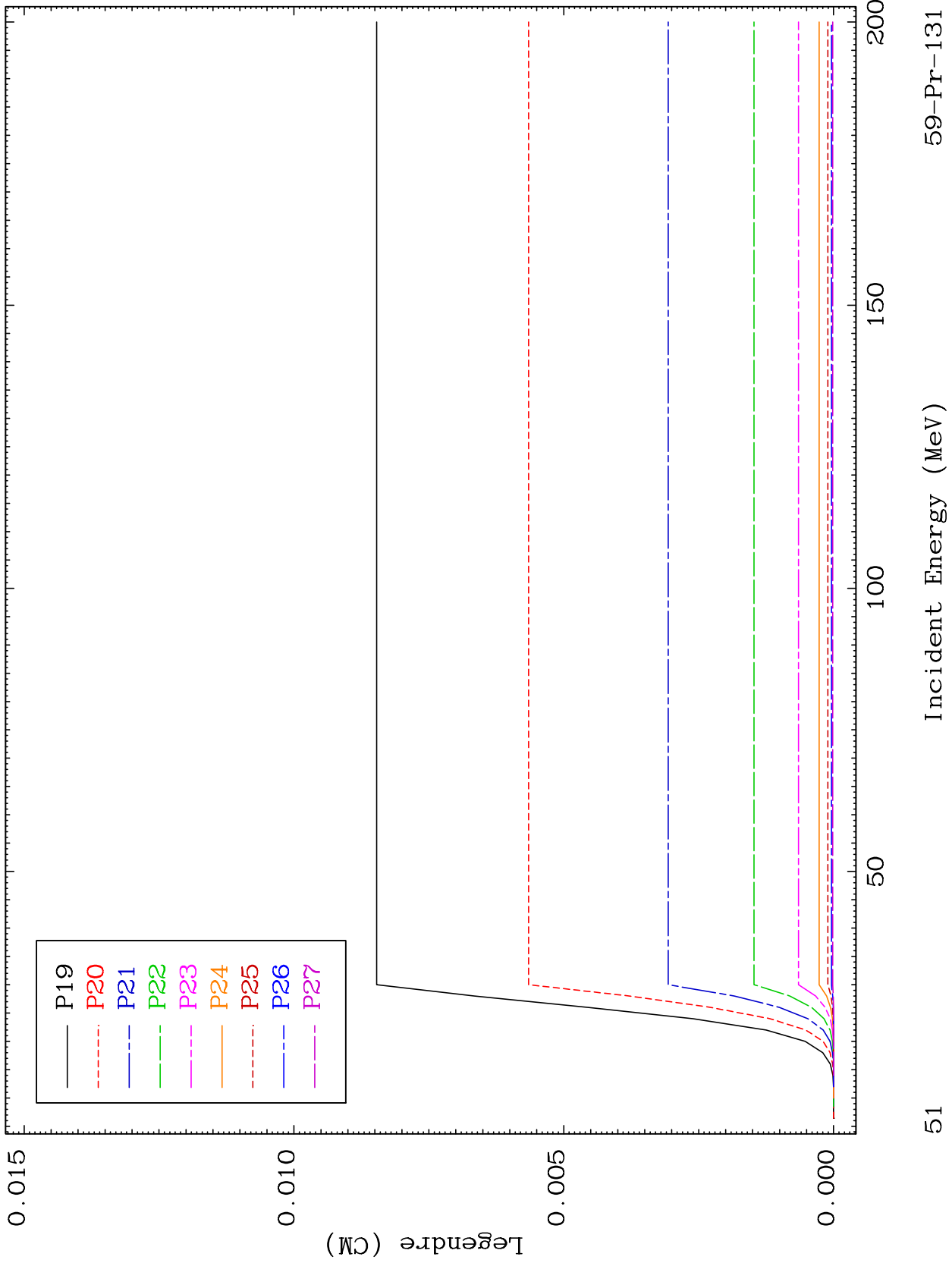
Incident Energy (MeV)

50

MAT 5895

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

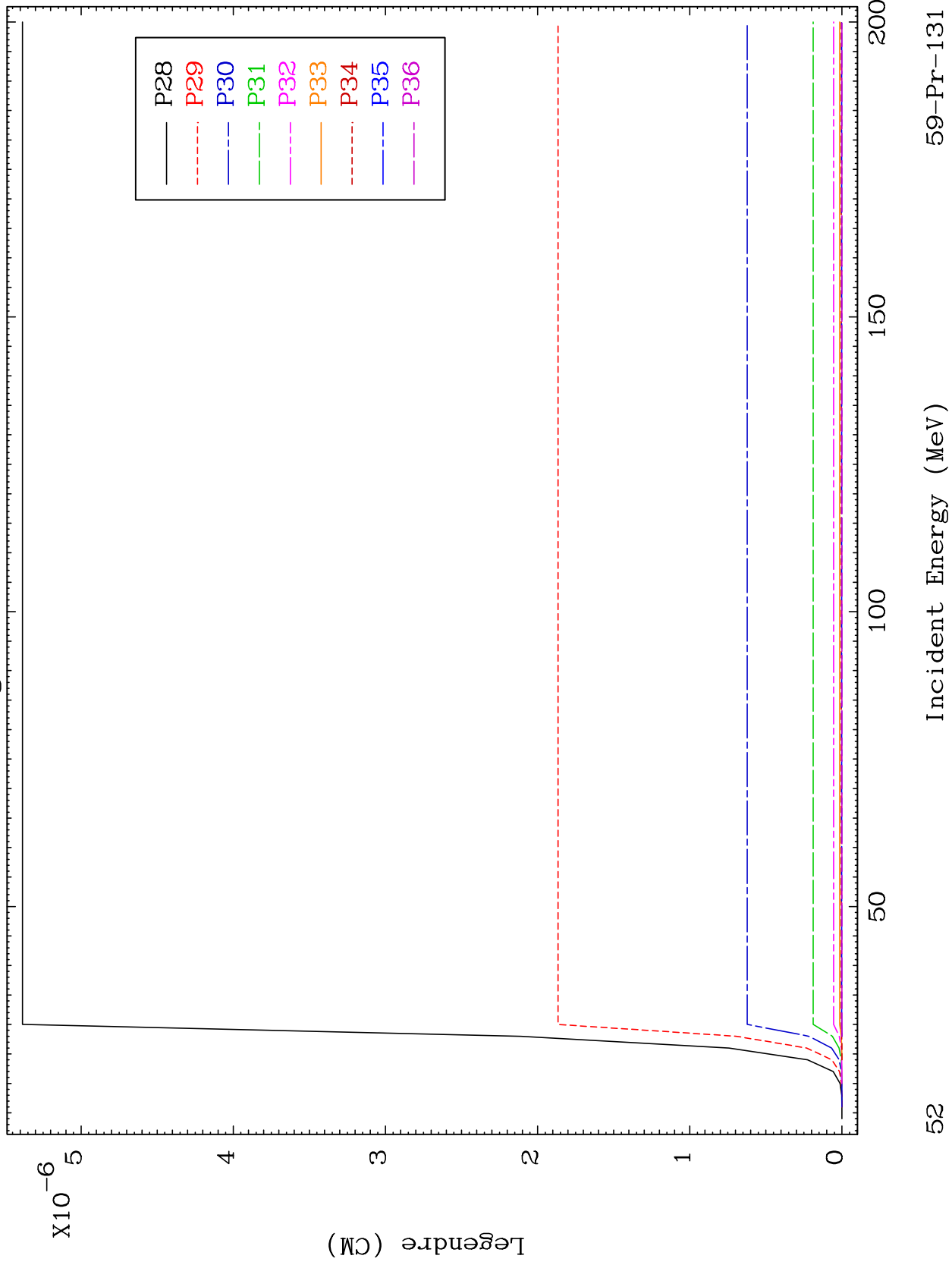
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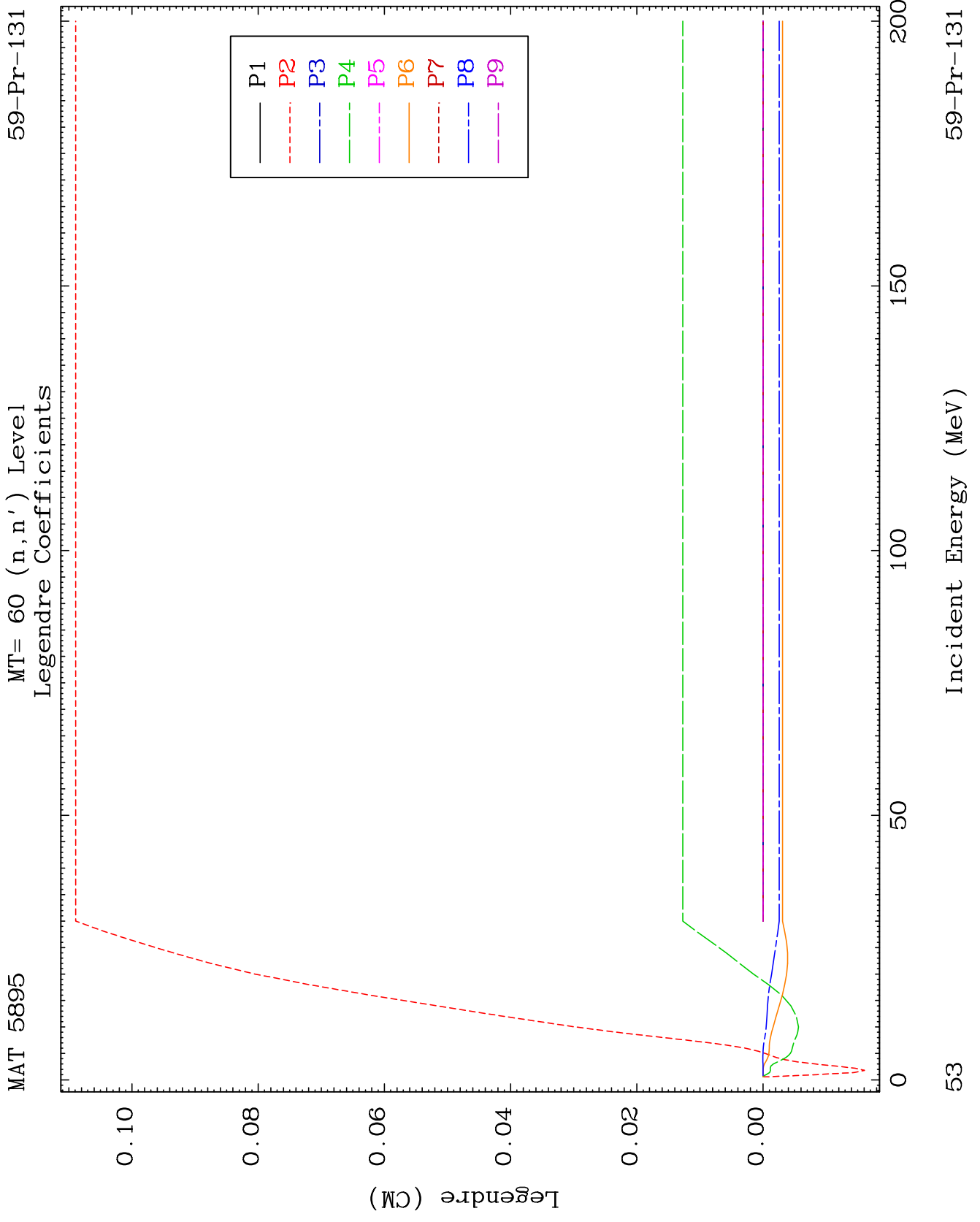


MAT 5895

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

59-Pr-131

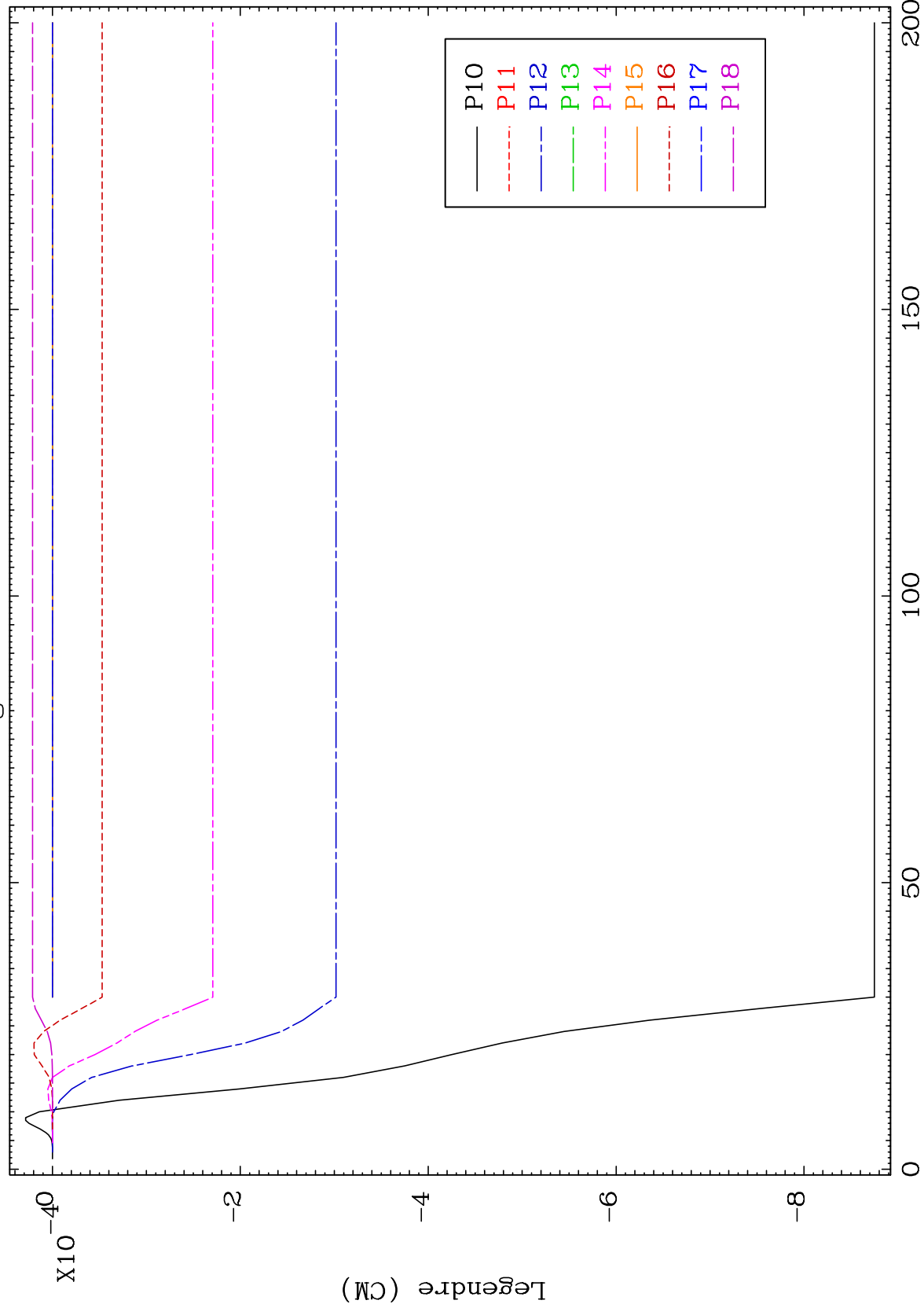




MAT 5895

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

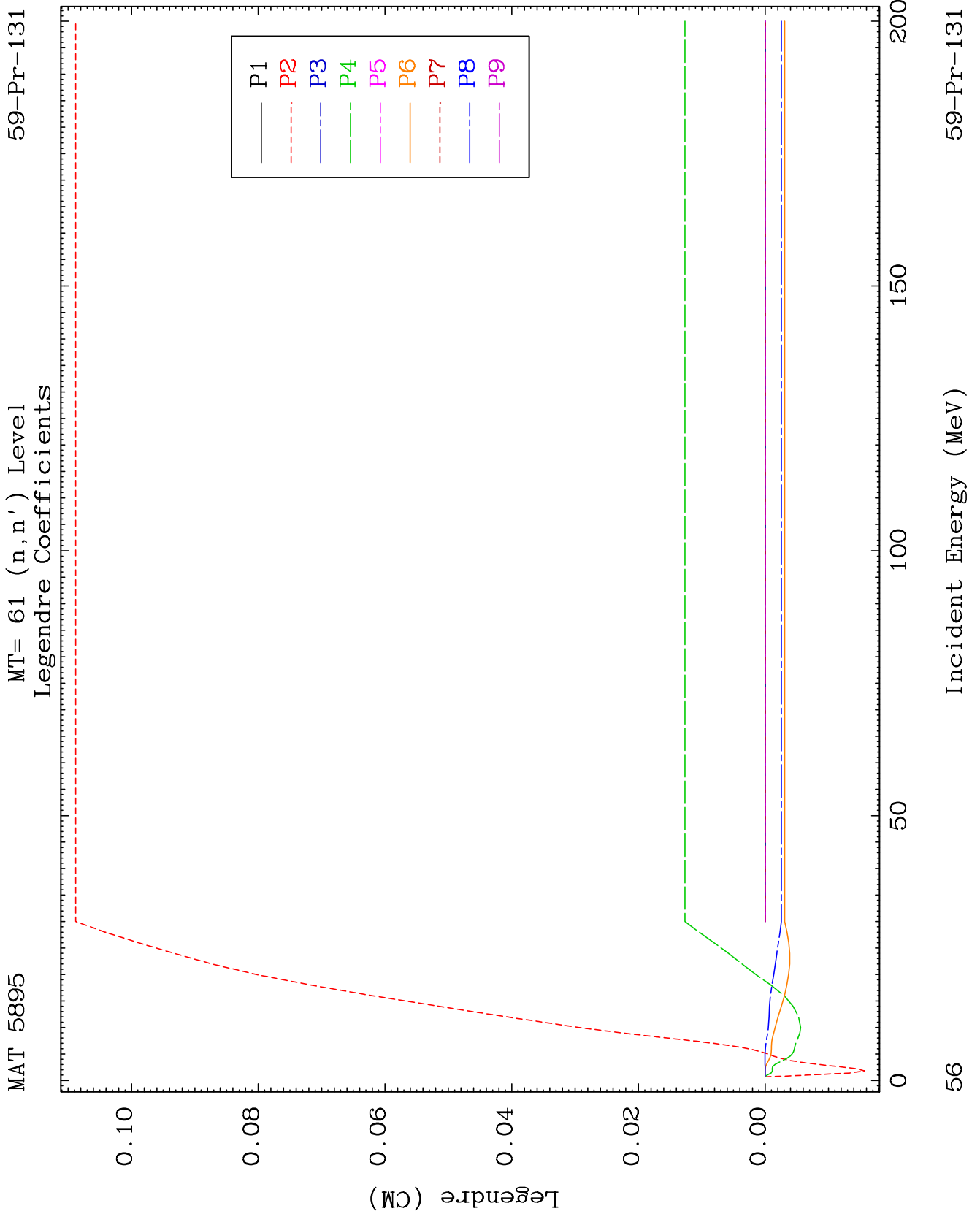
59-Pr-131



54

Incident Energy (MeV)

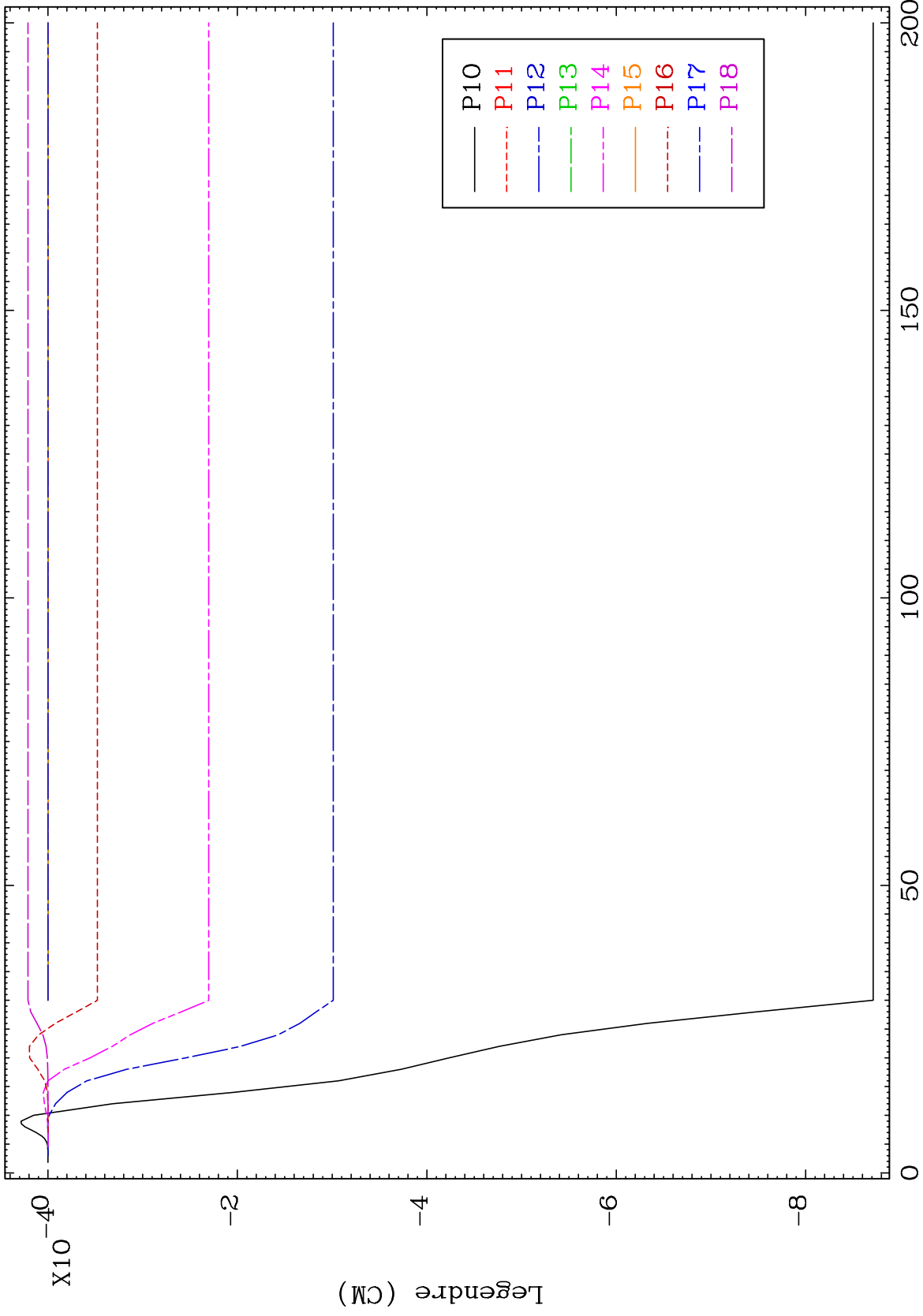
59-Pr-131



MAT 5895

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

59-Pr-131



57

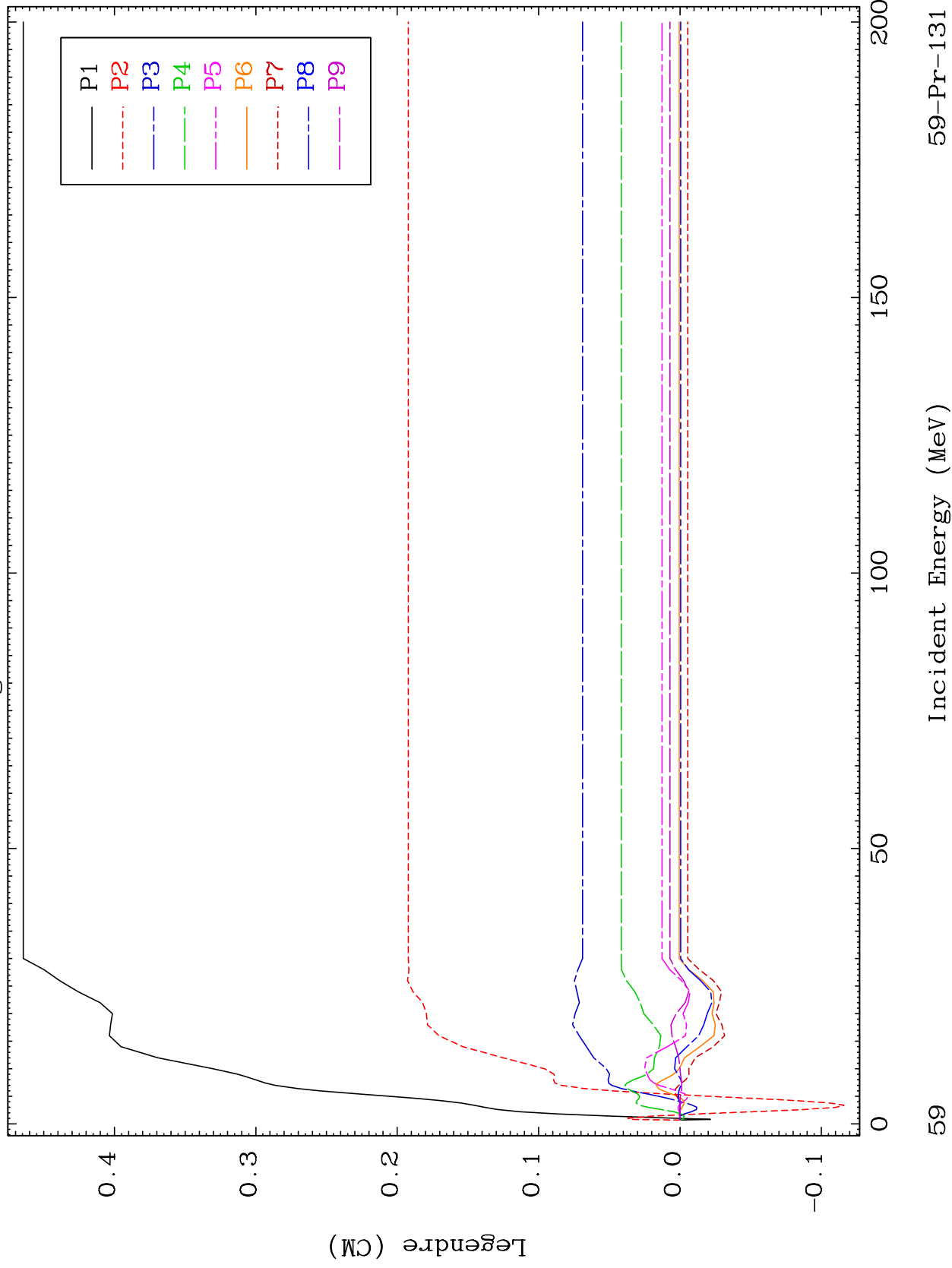
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

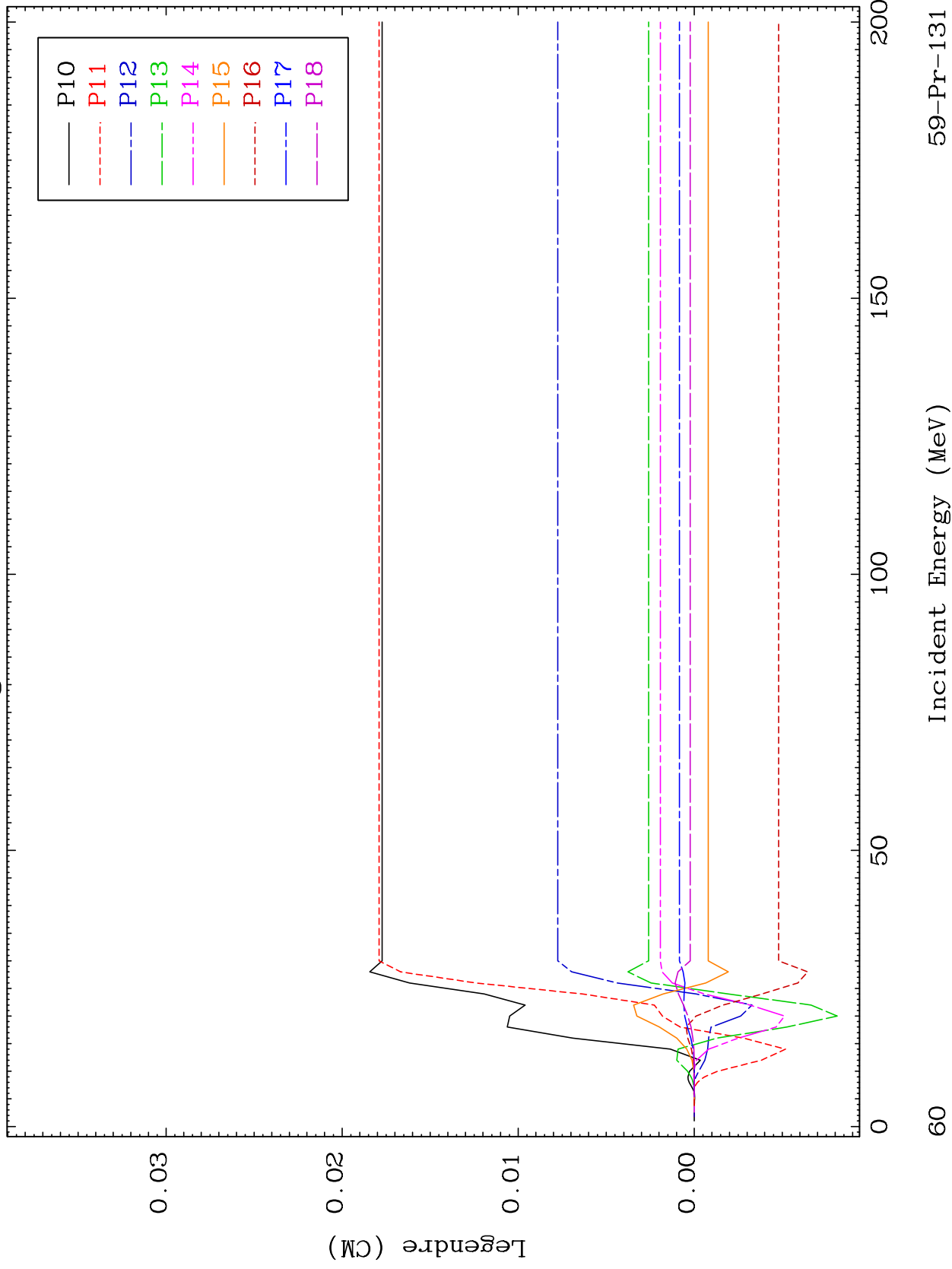
59-Pr-131



MAT 5895

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

59-Pr-131

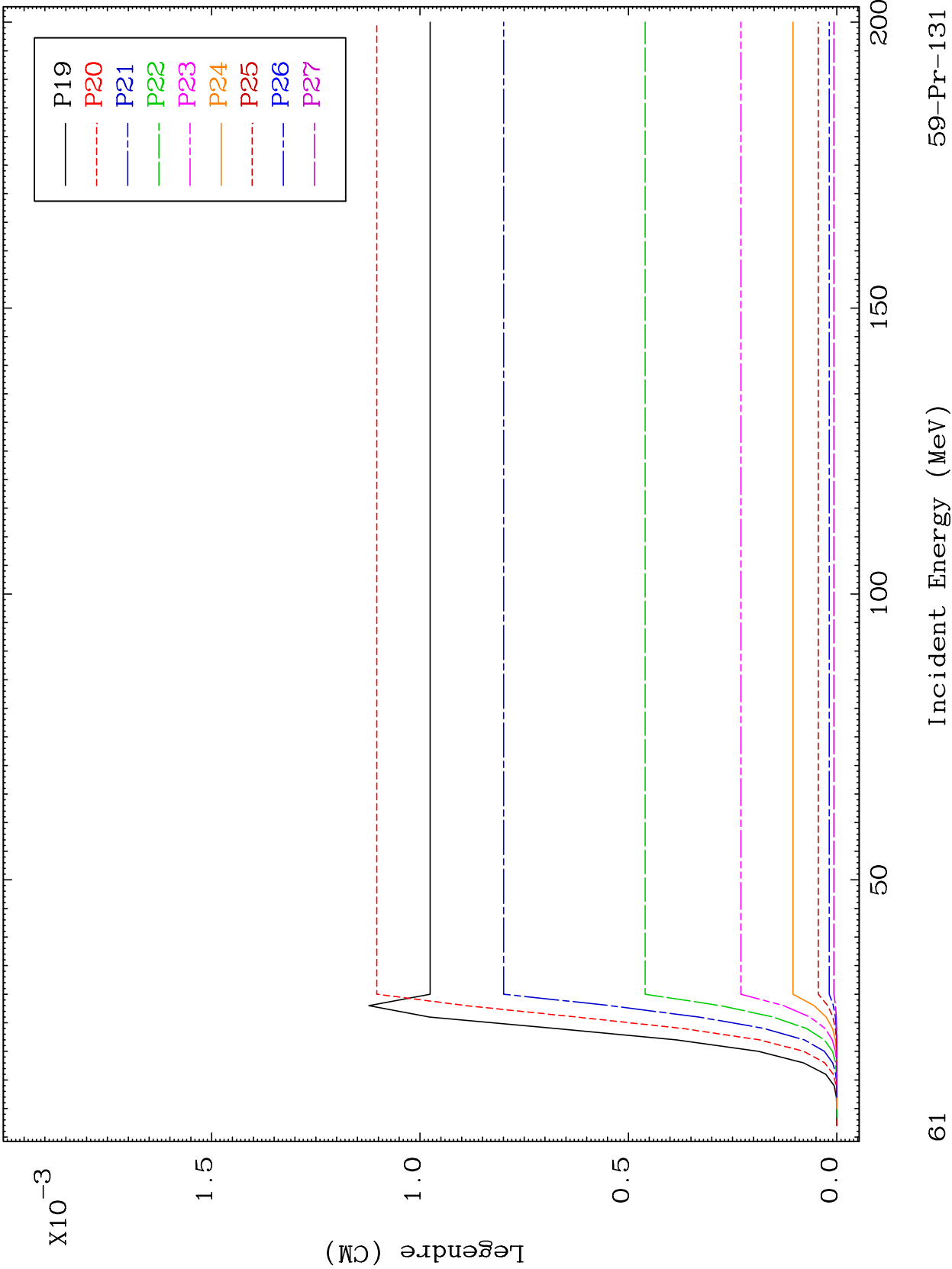


59-Pr-131

MAT 5895

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

59-Pr-131



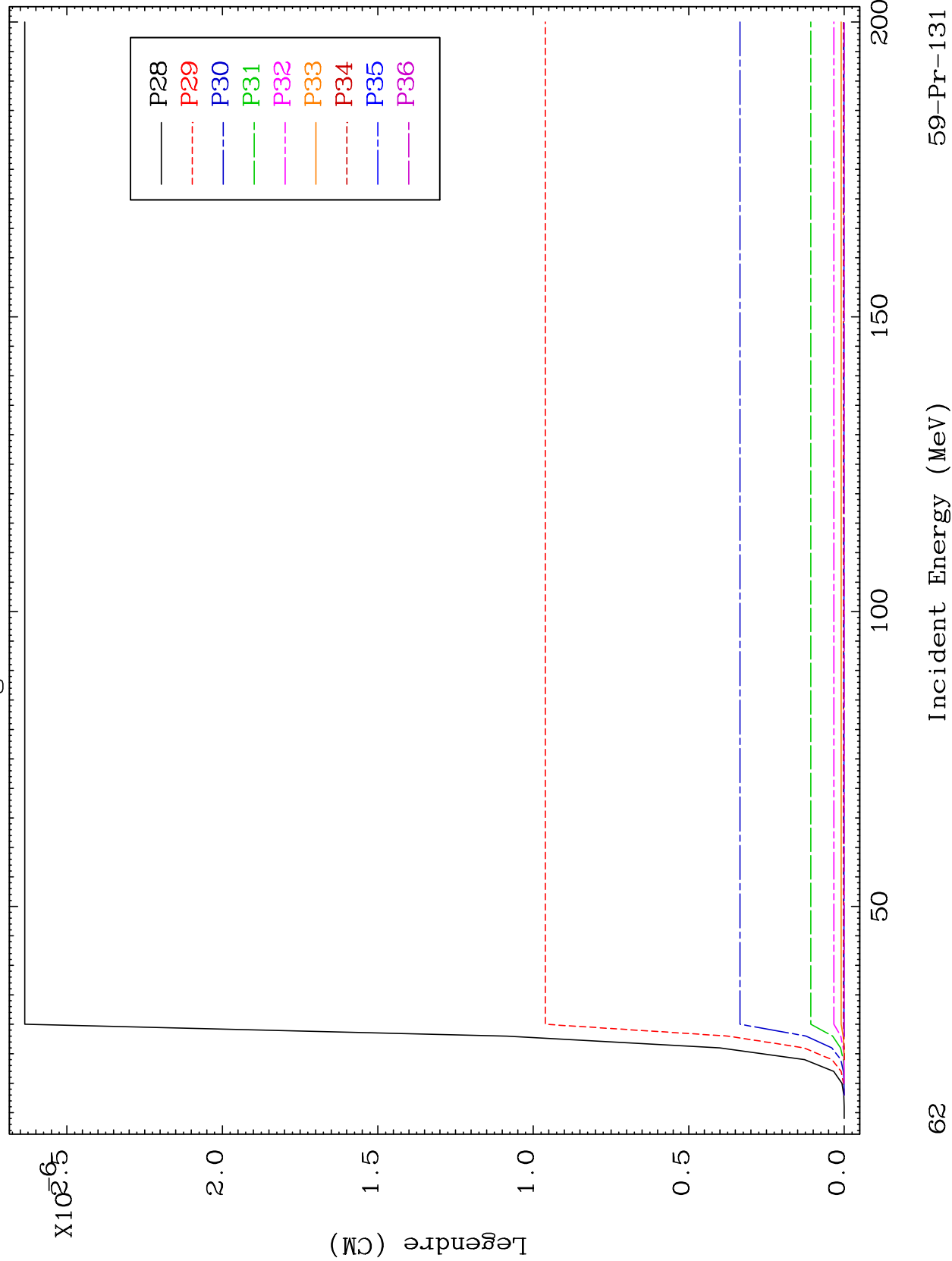
61

59-Pr-131

MAT 5895

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

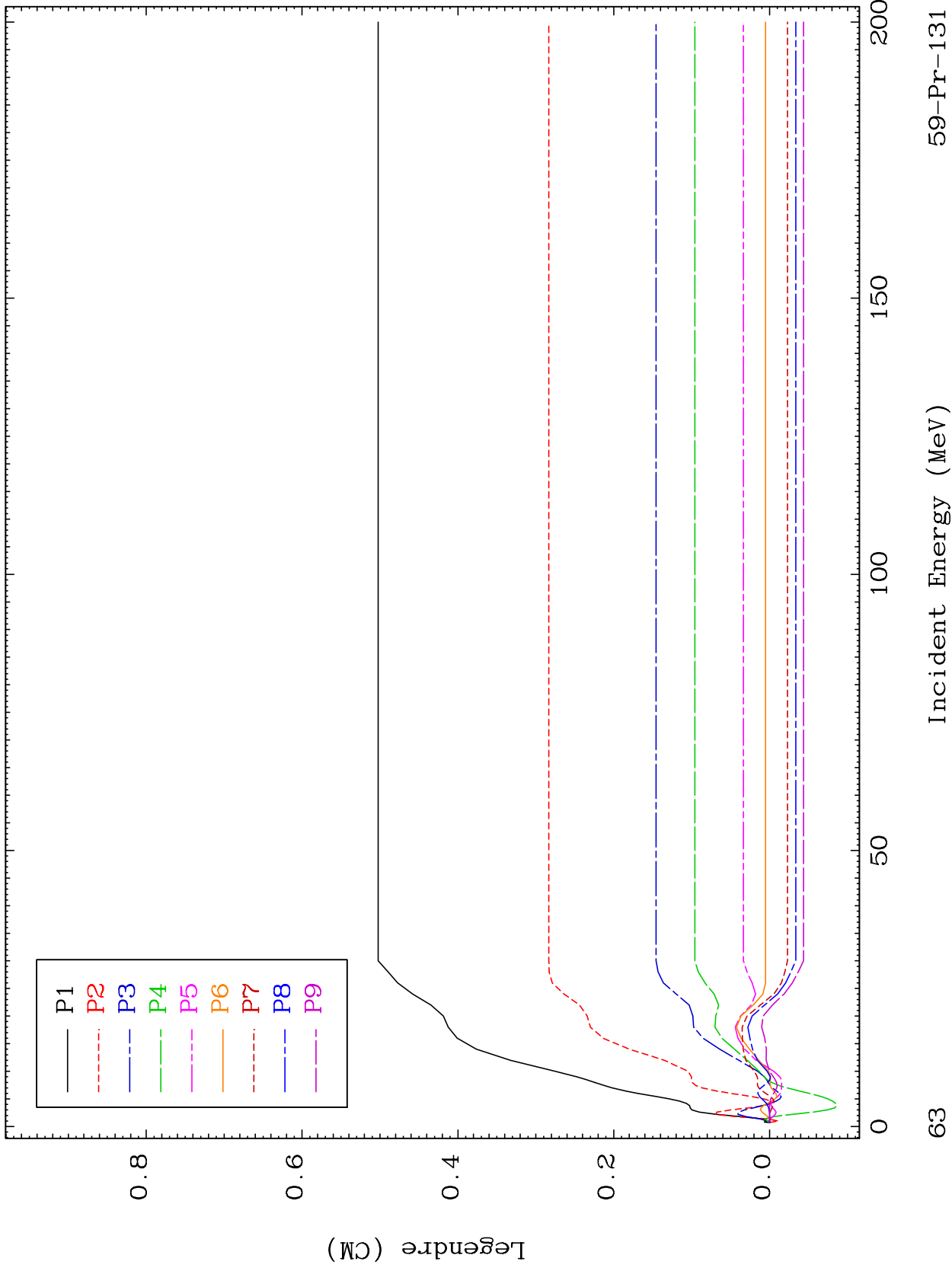
59-Pr-131



MAT 5895

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

59-Pr-131



63

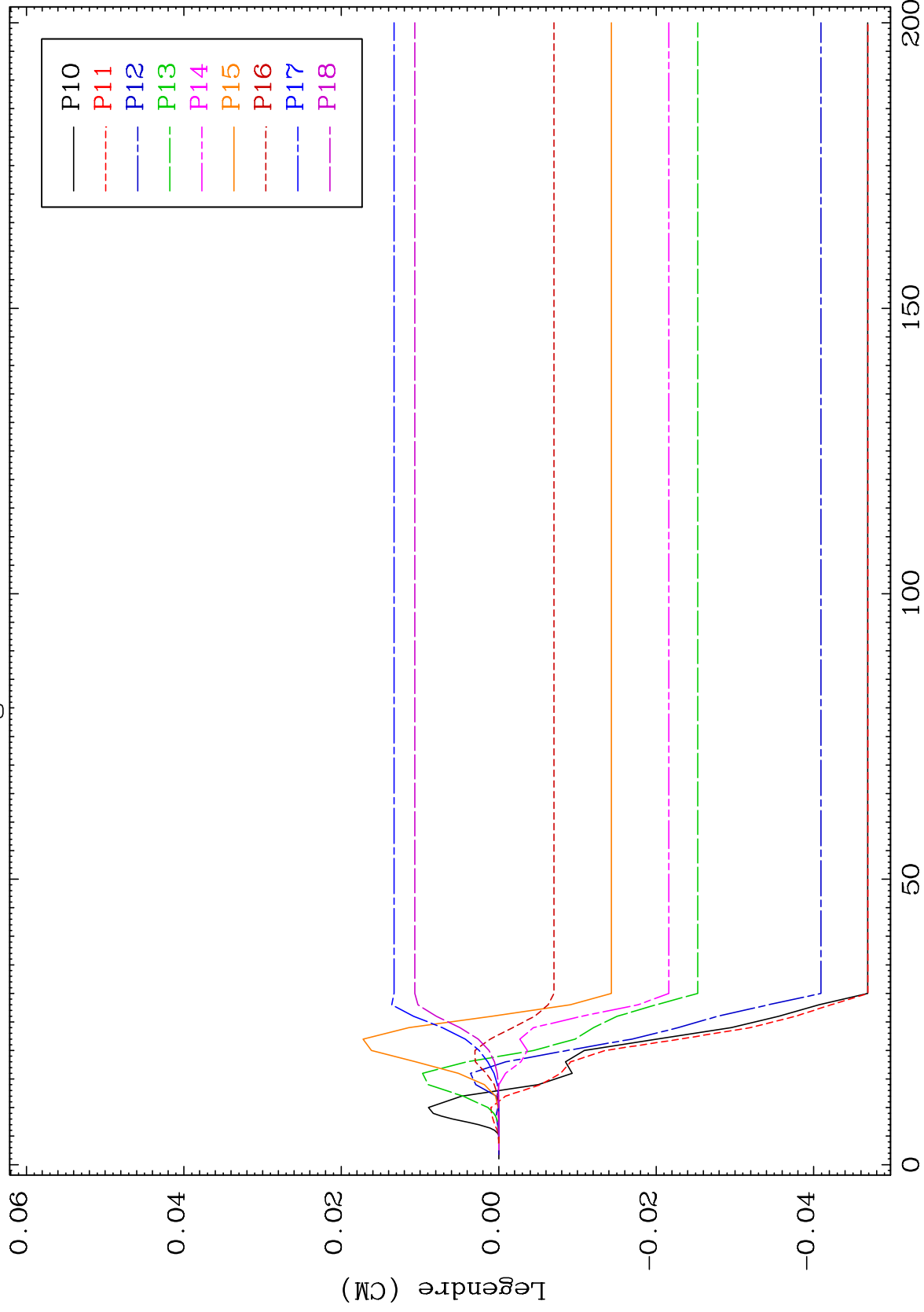
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



64

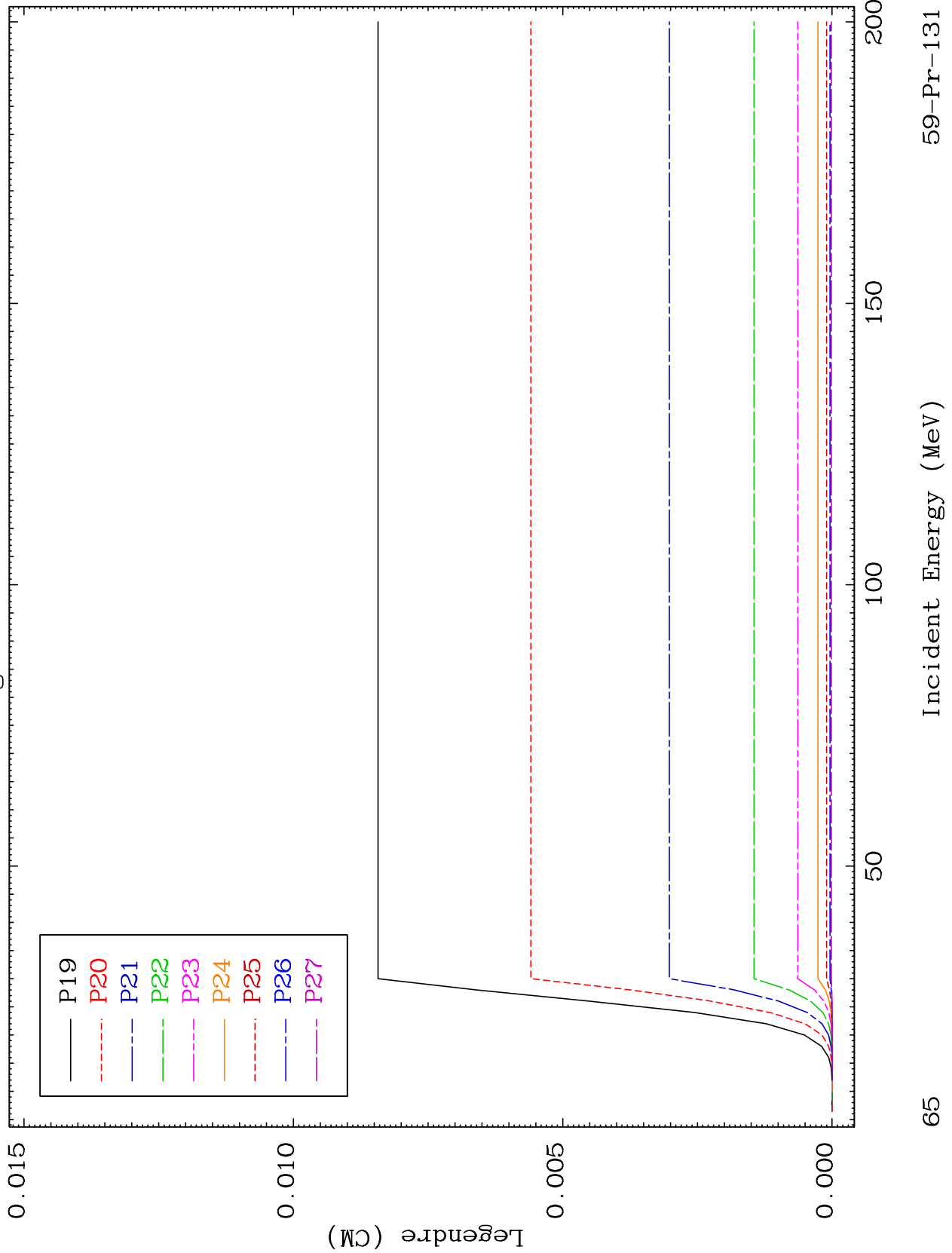
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



65

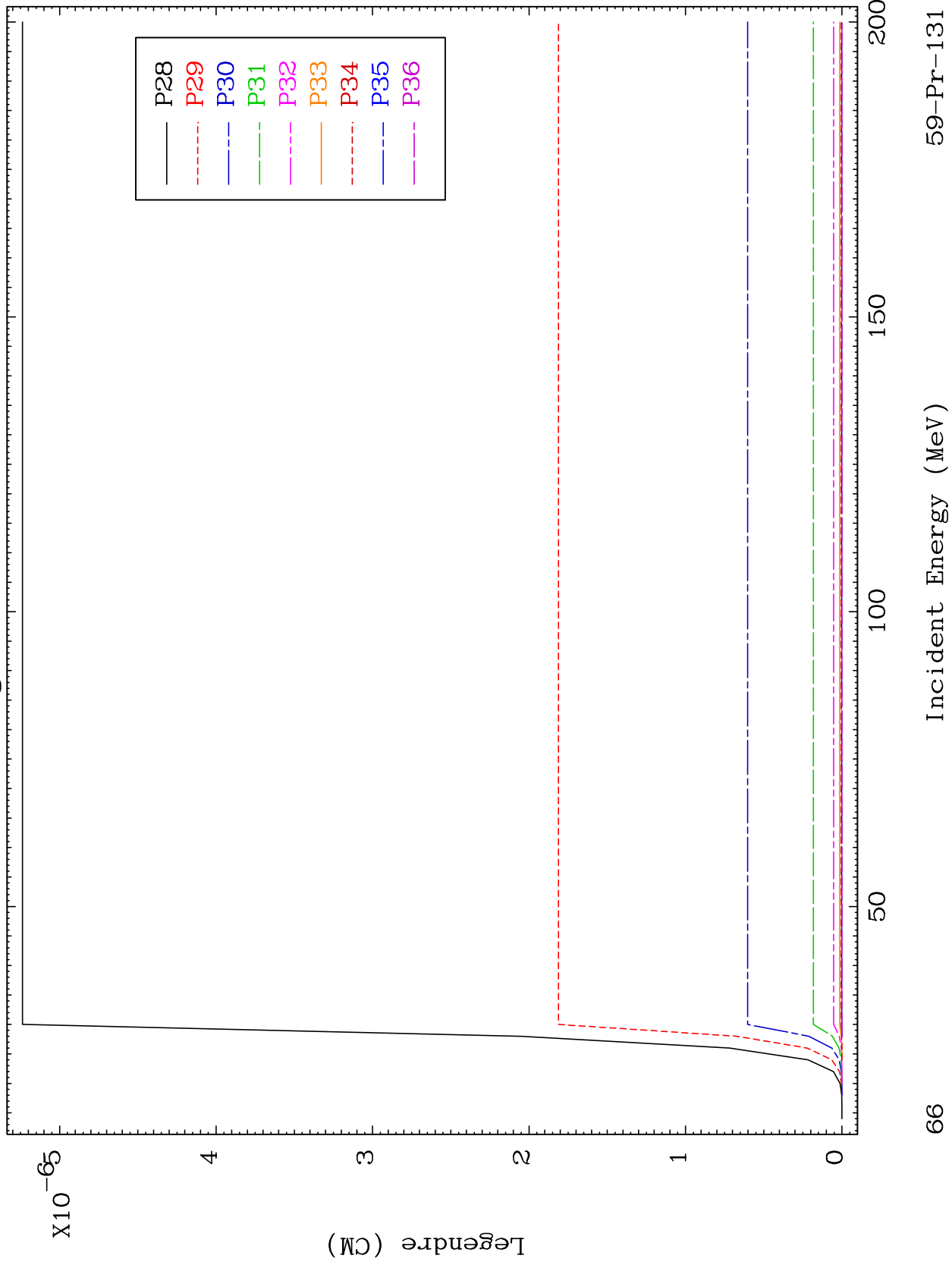
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

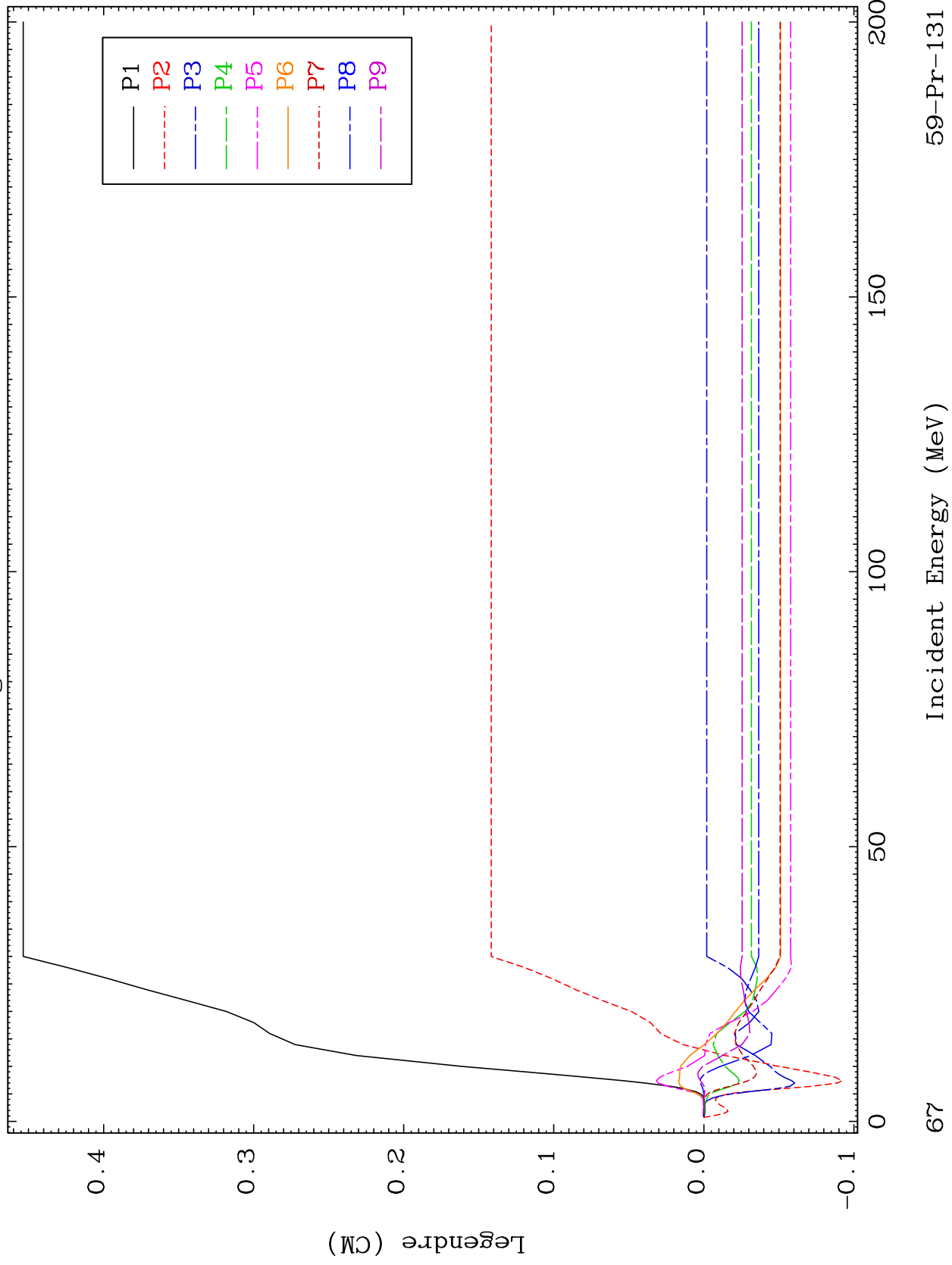
59-Pr-131



MAT 5895

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

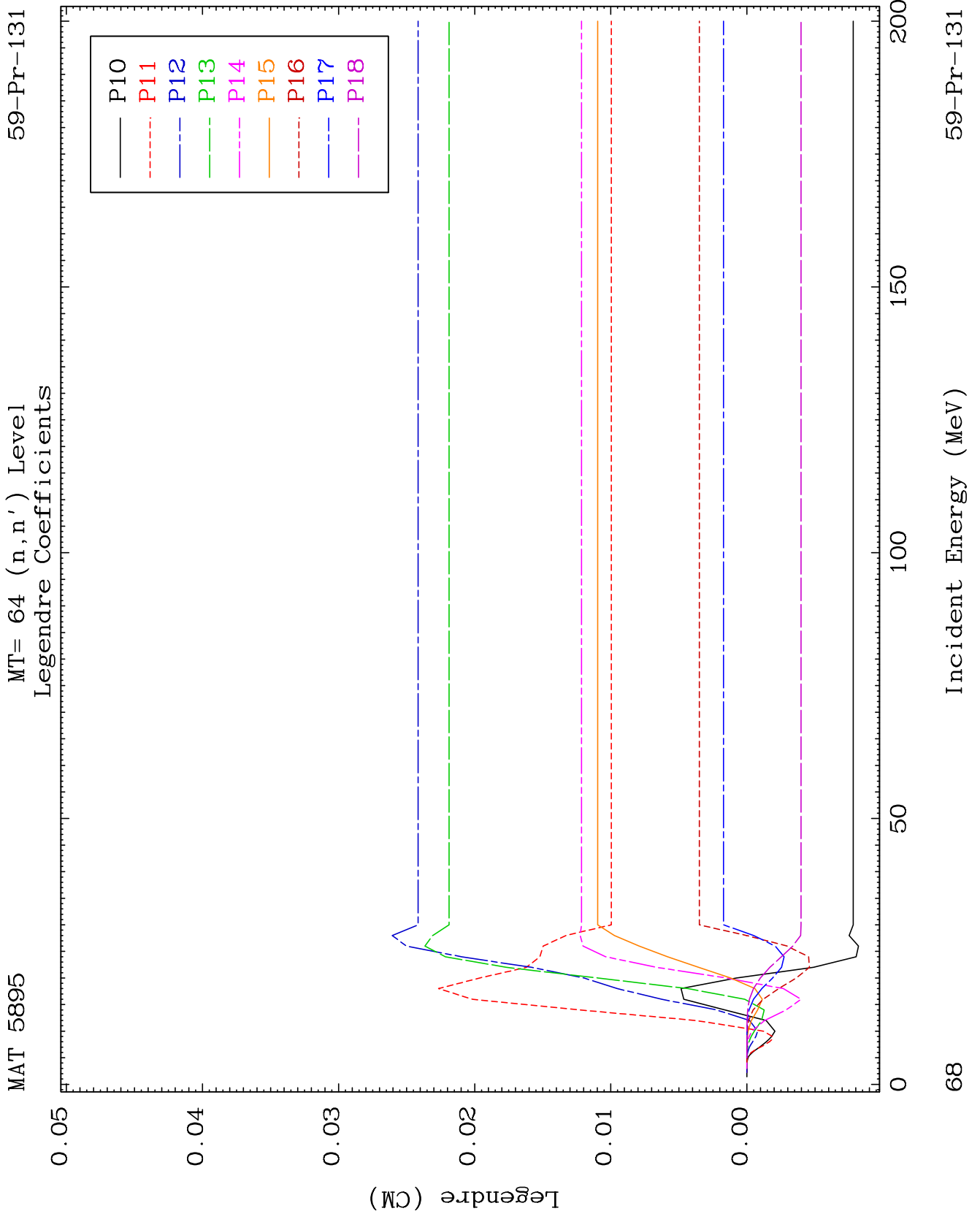
59-Pr-131



59-Pr-131

Incident Energy (MeV)

67



59-Pr-131

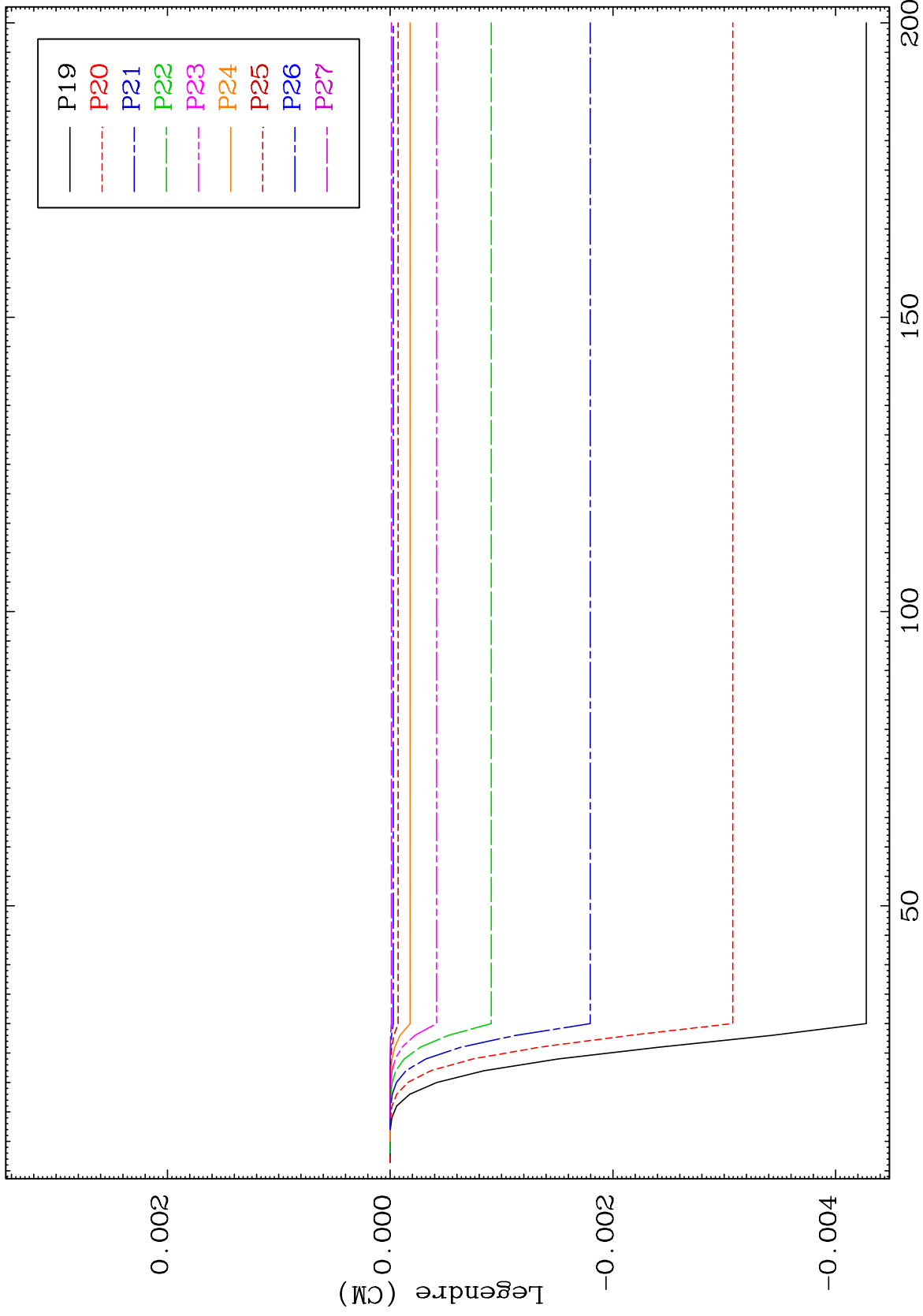
Incident Energy (MeV)

68

MAT 5895

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

59-Pr-131



69

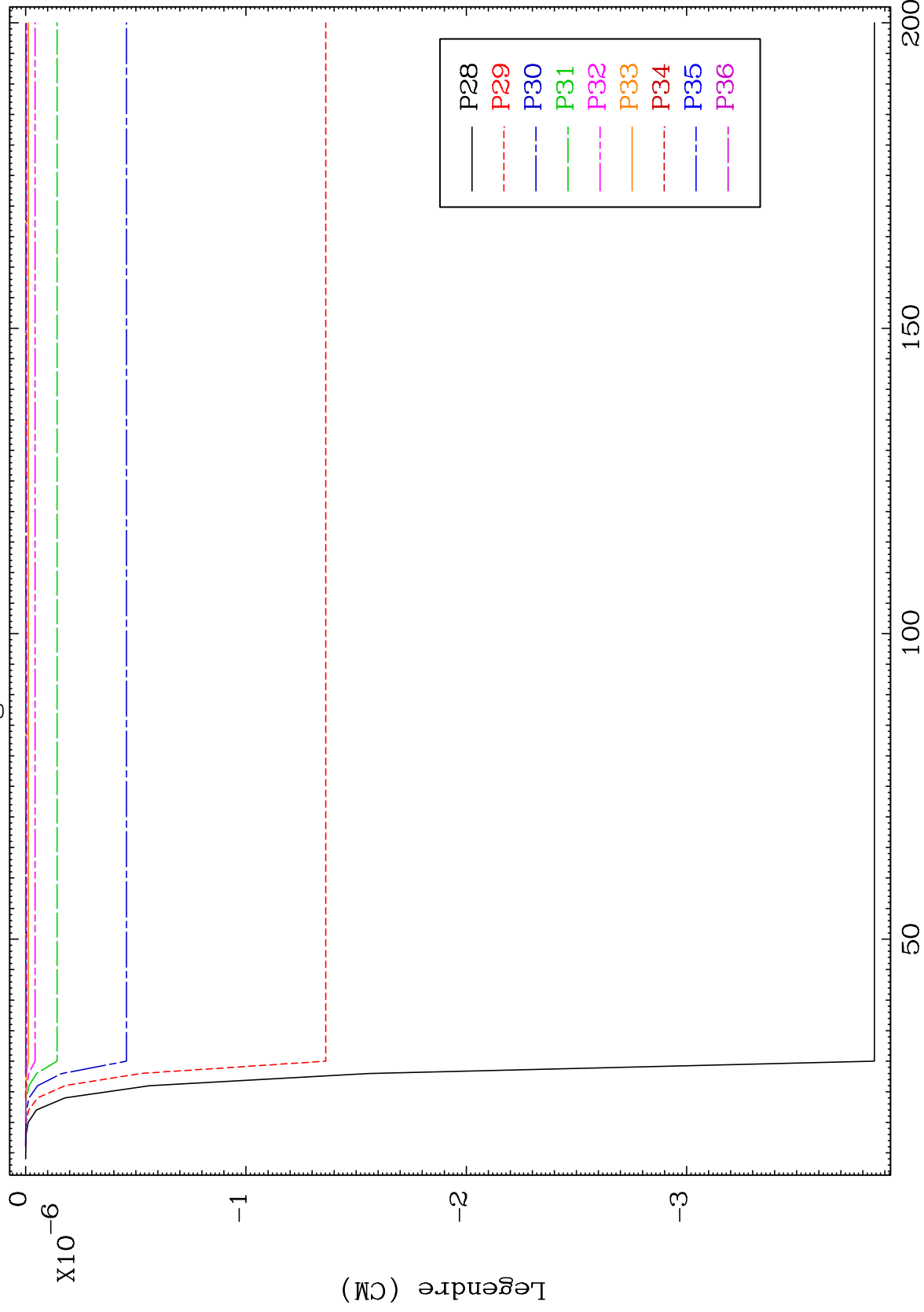
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



70

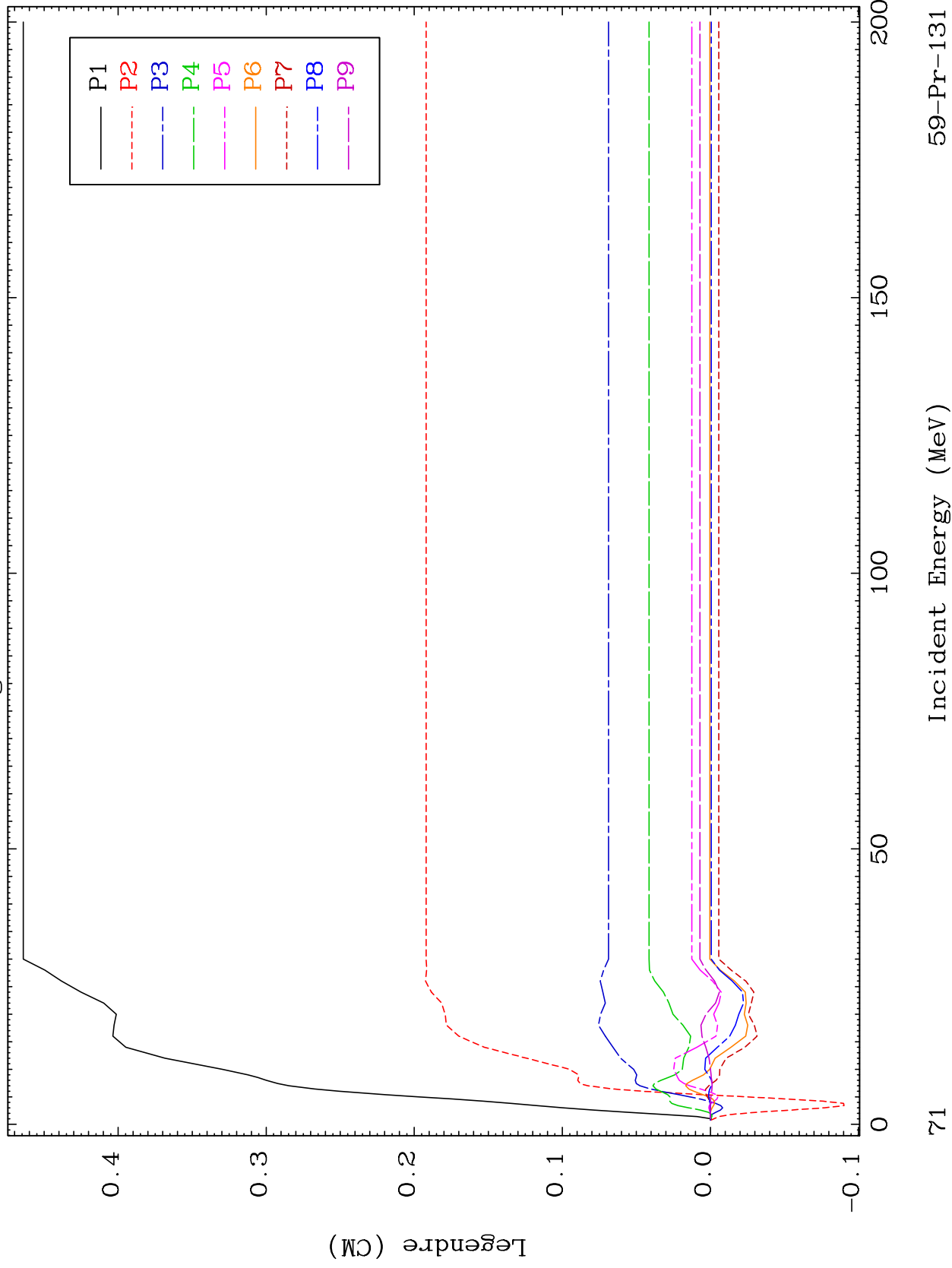
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

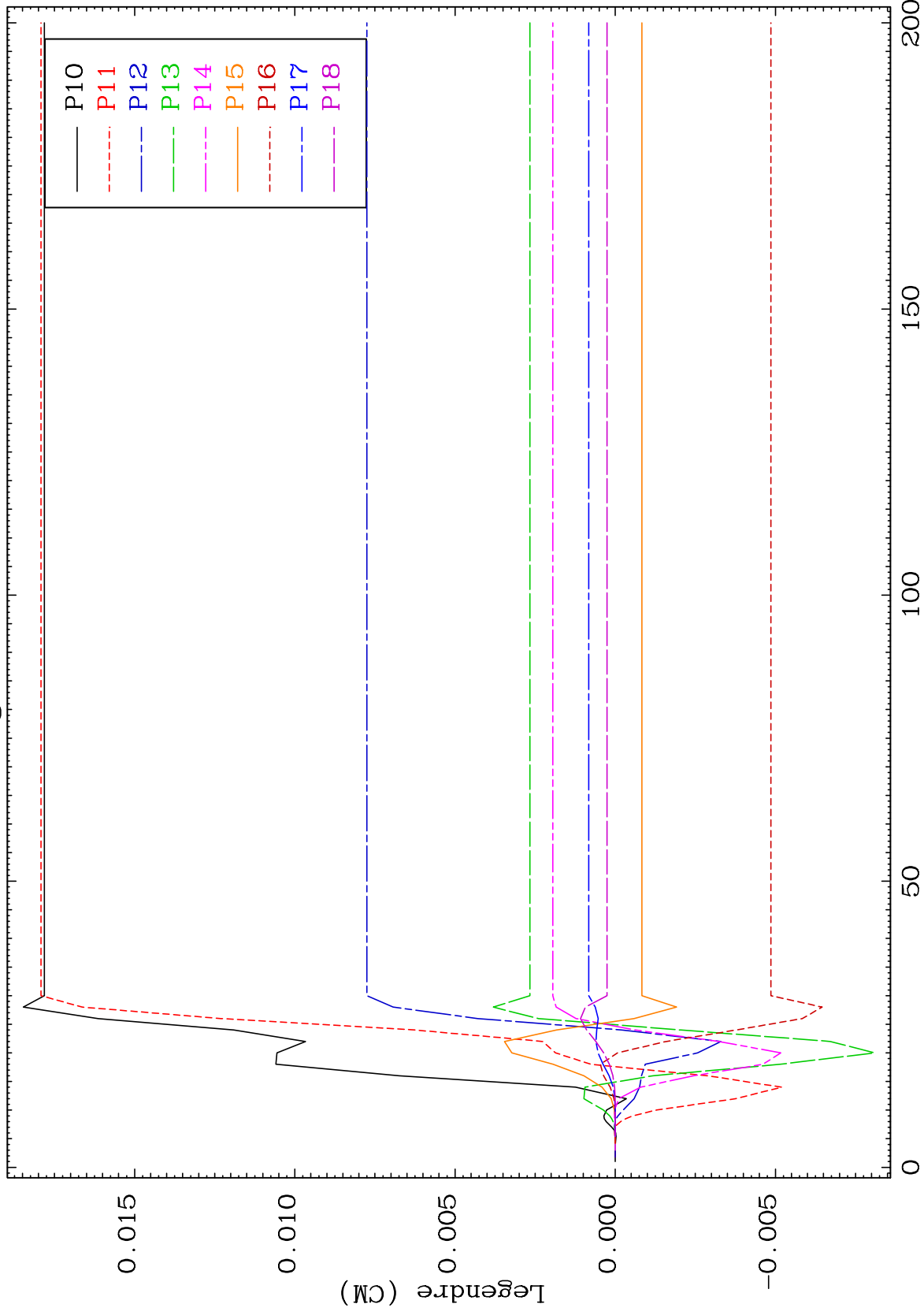
Incident Energy (MeV)

71

MAT 5895

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

59-Pr-131



72

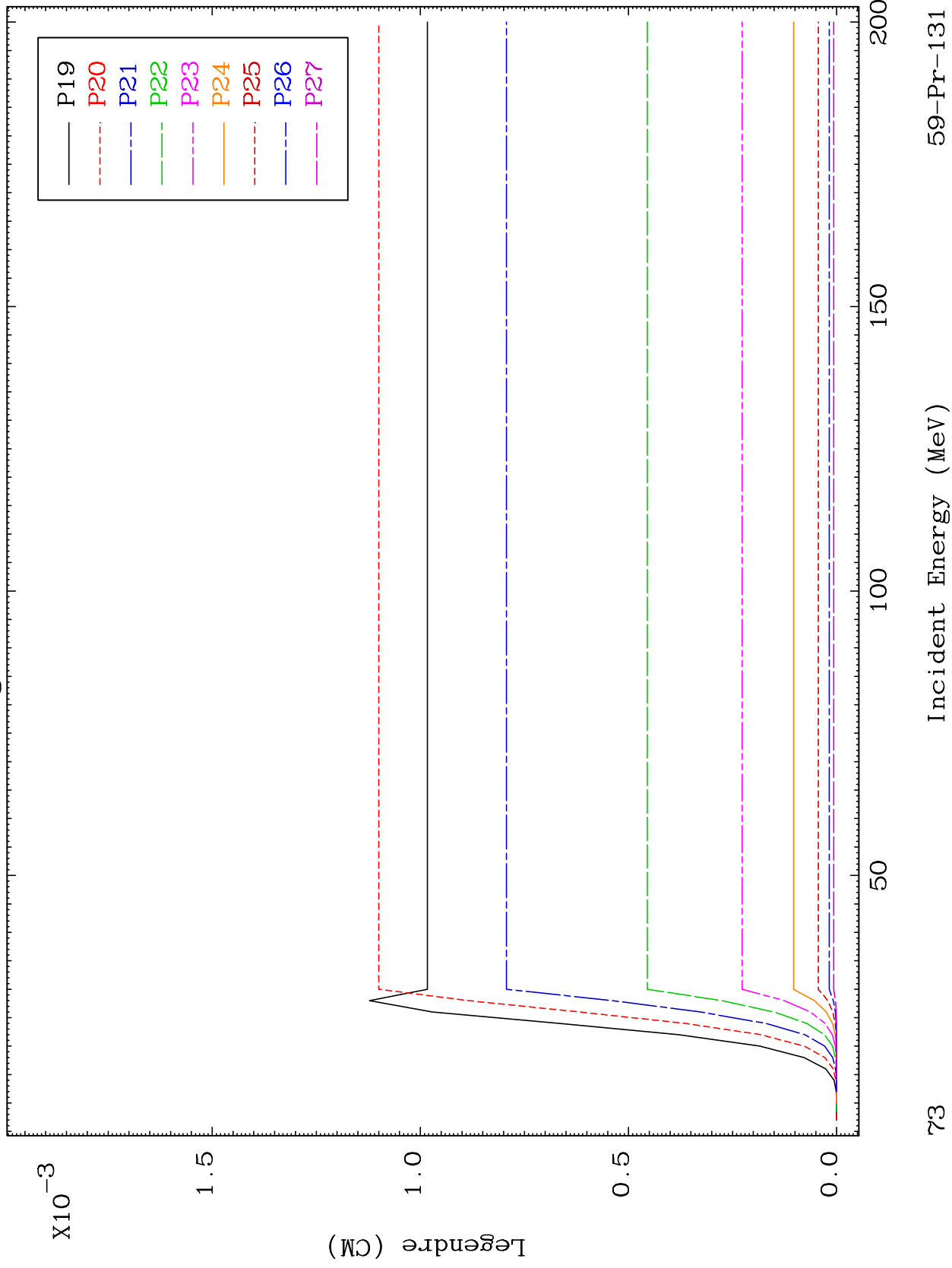
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

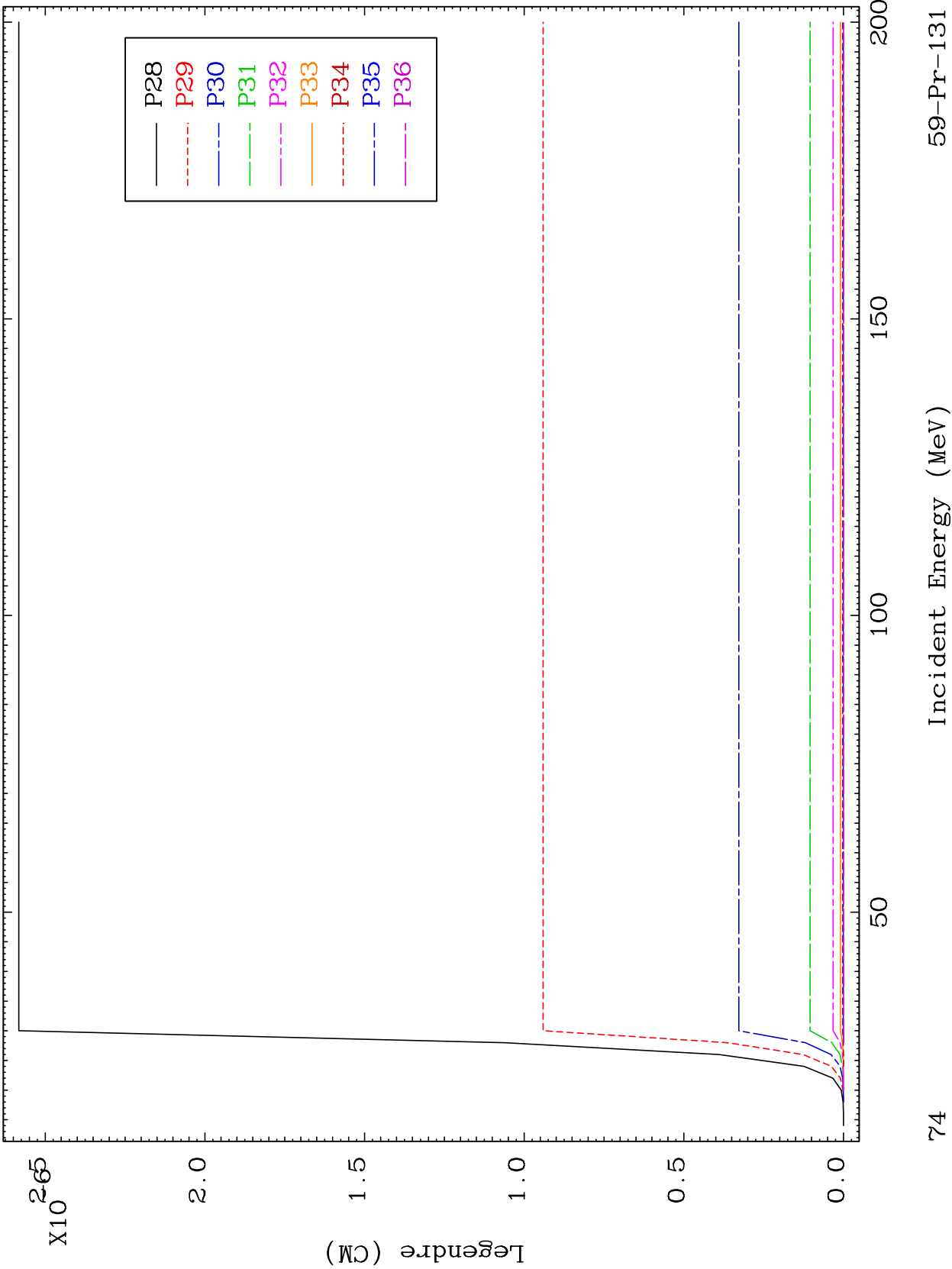
59-Pr-131



MAT 5895

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

59-Pr-131



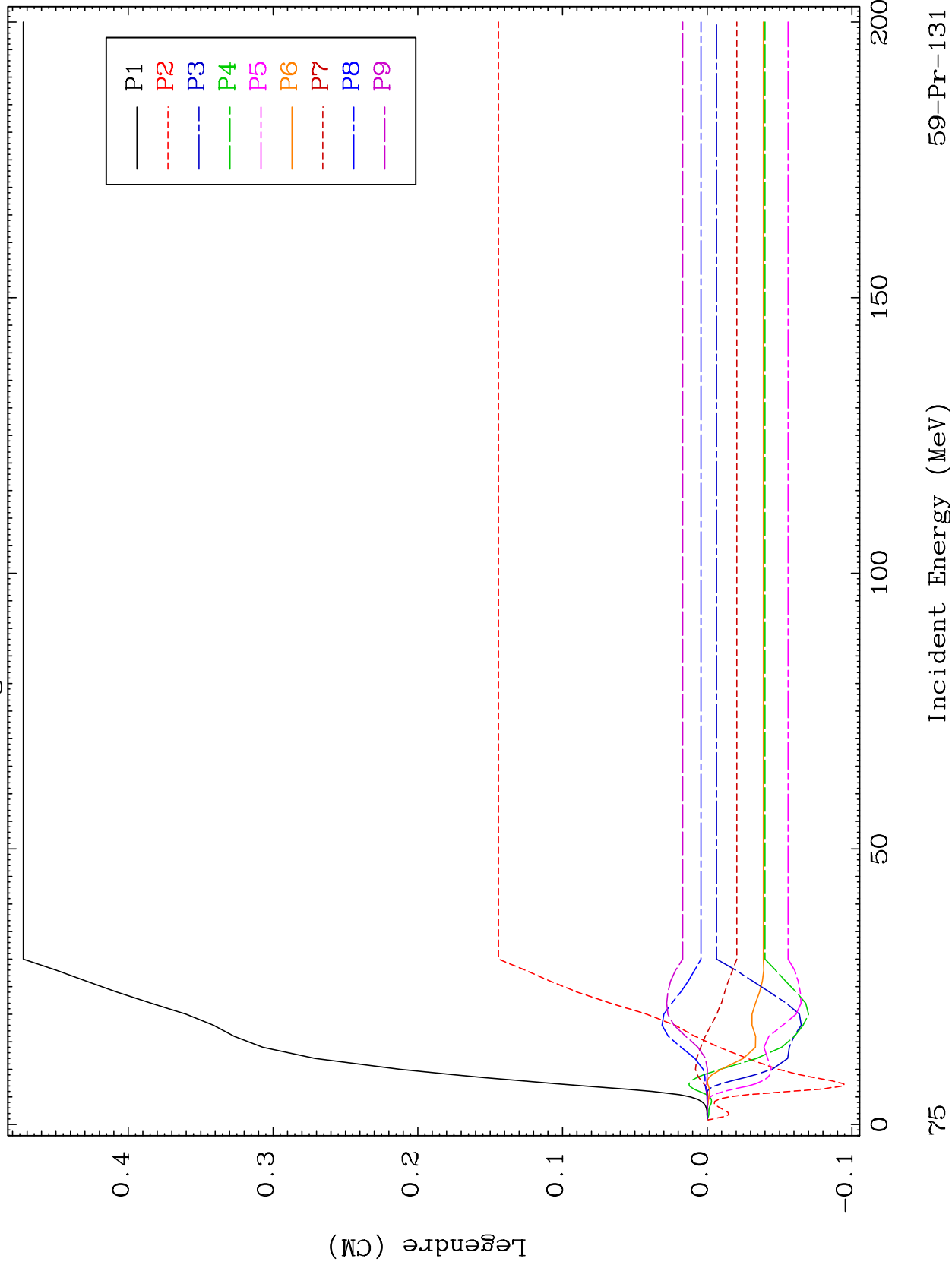
74

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

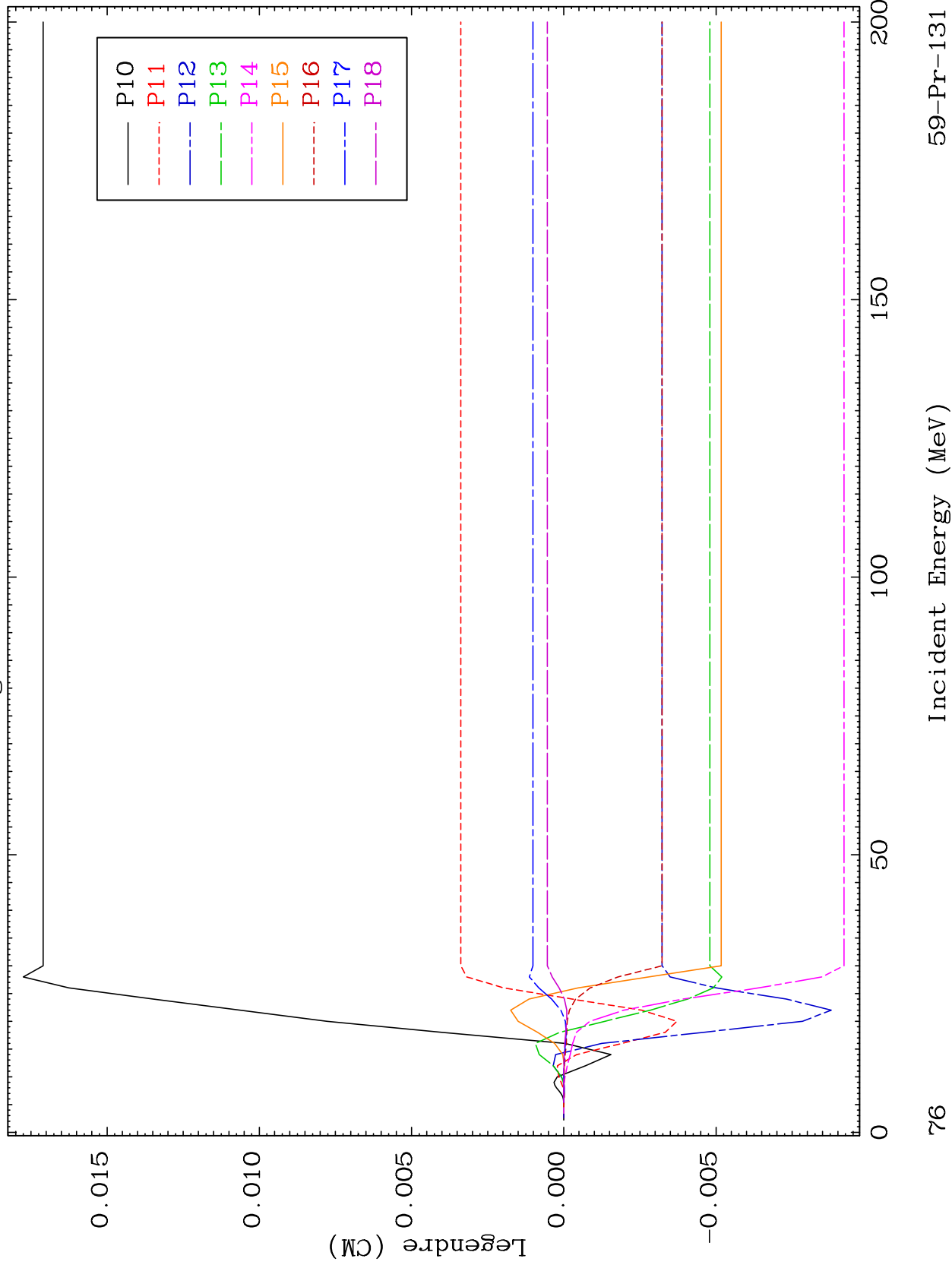
Incident Energy (MeV)

75

MAT 5895

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

59-Pr-131



76

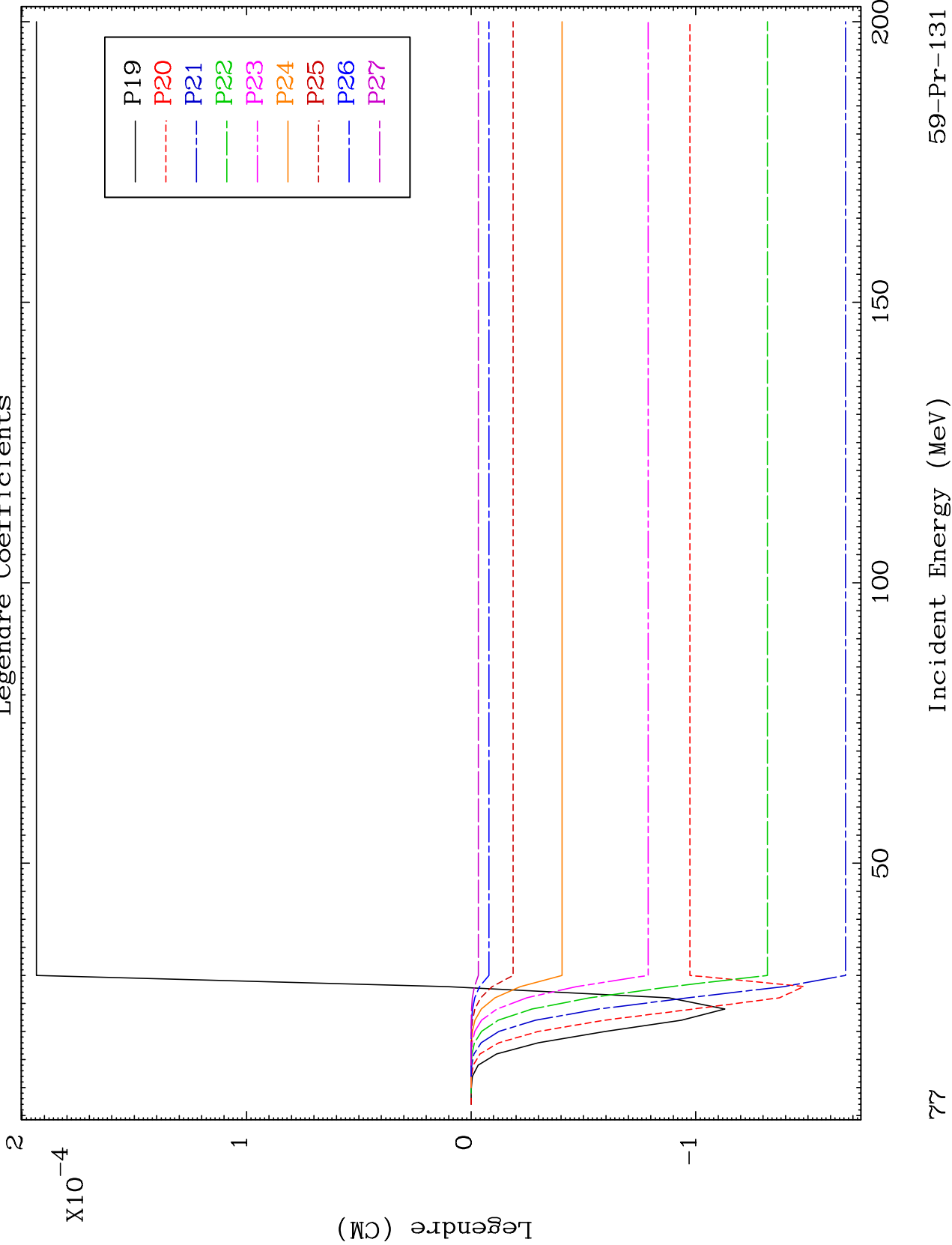
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

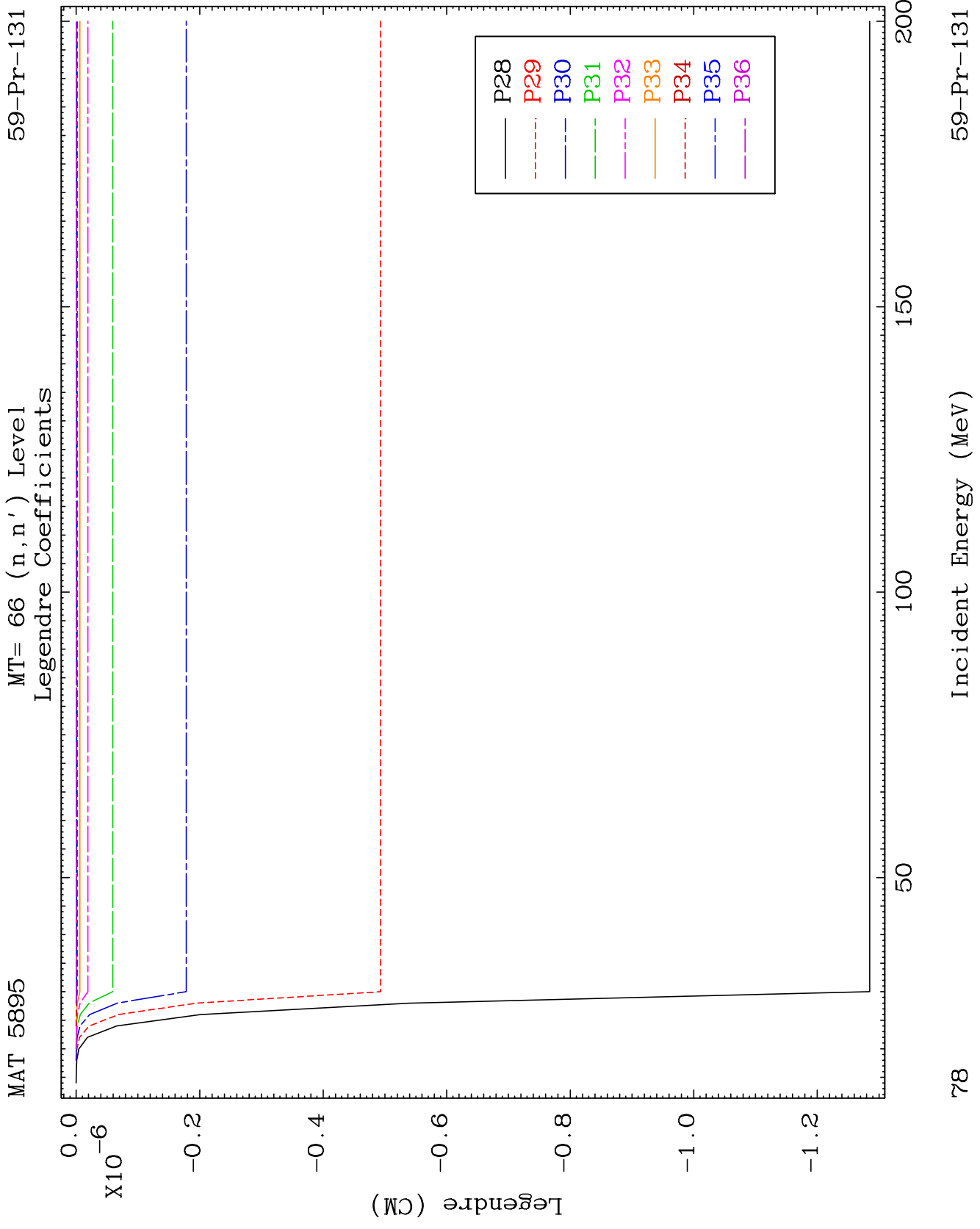
59-Pr-131



77

Incident Energy (MeV)

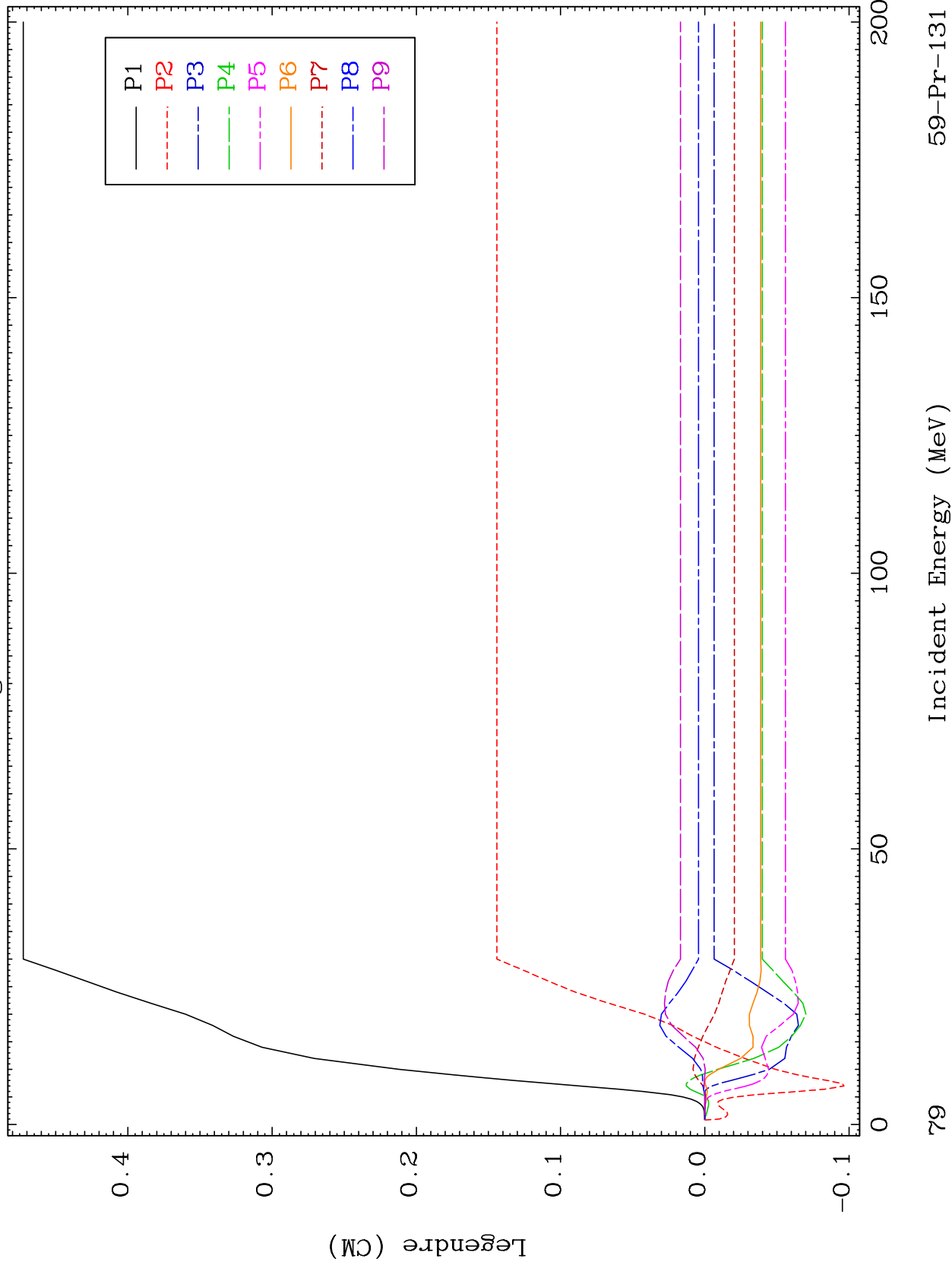
59-Pr-131



MAT 5895

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

59-Pr-131



59-Pr-131

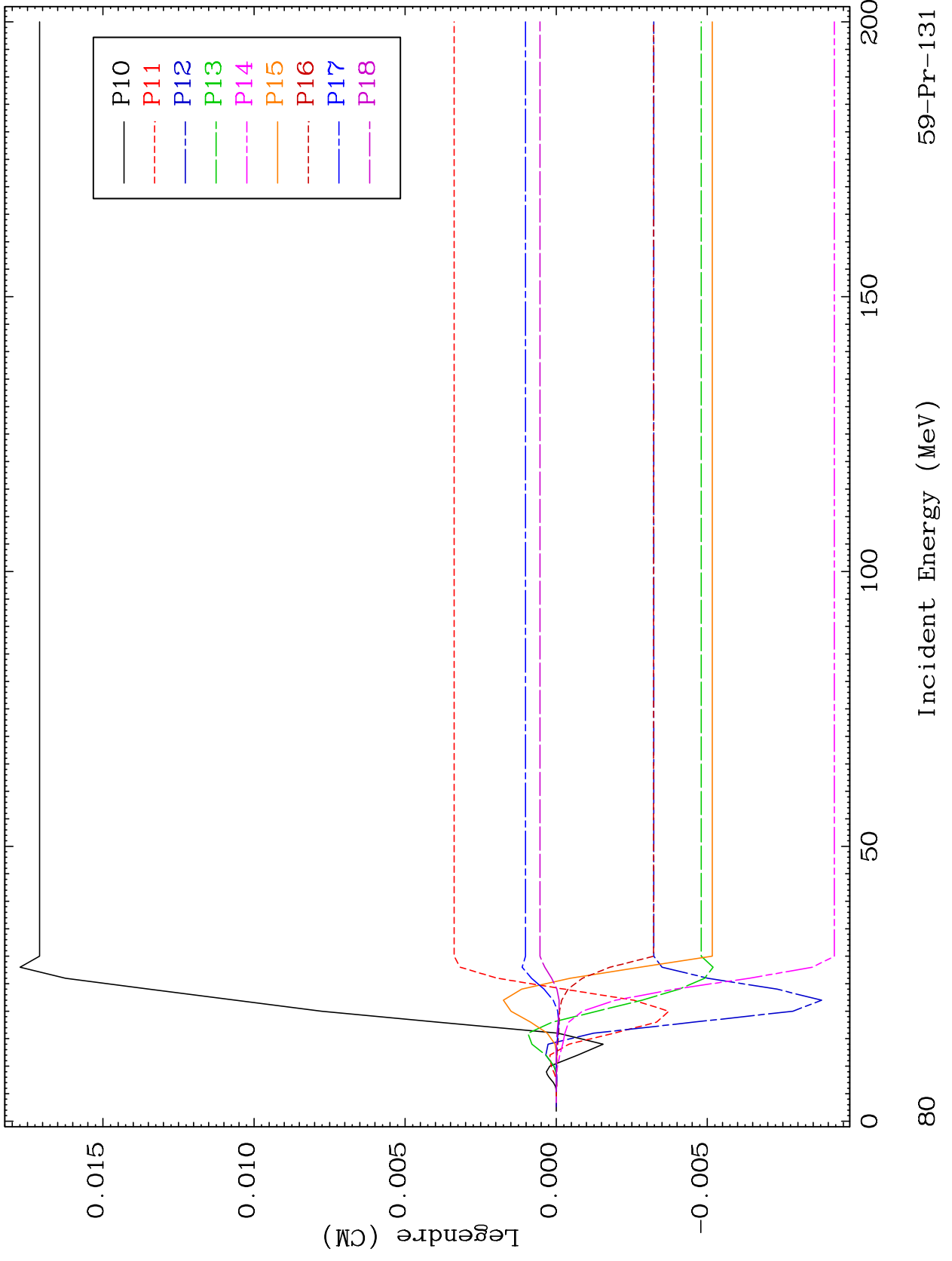
Incident Energy (MeV)

79

MAT 5895

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

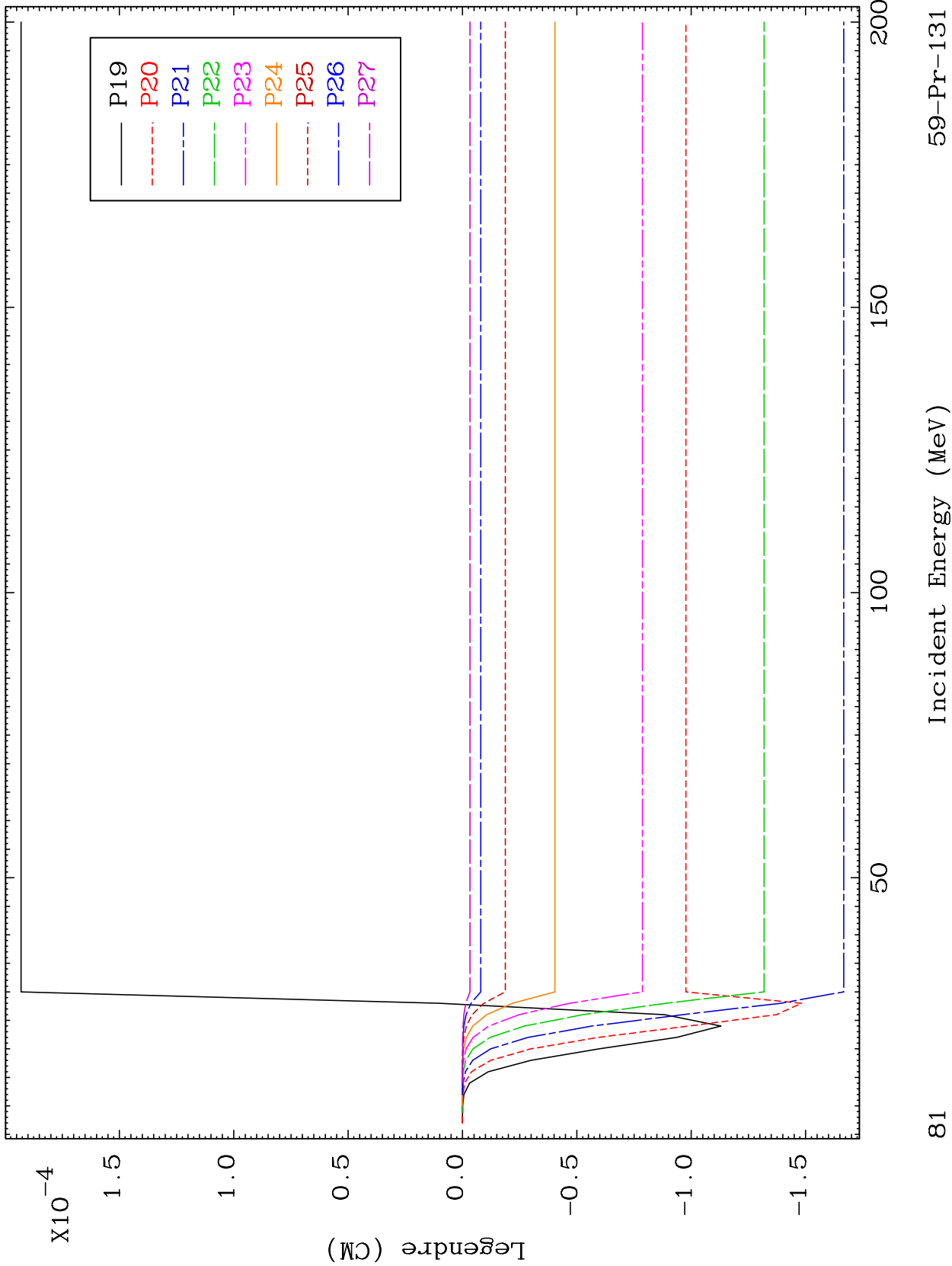
59-Pr-131



59-Pr-131

Incident Energy (MeV)

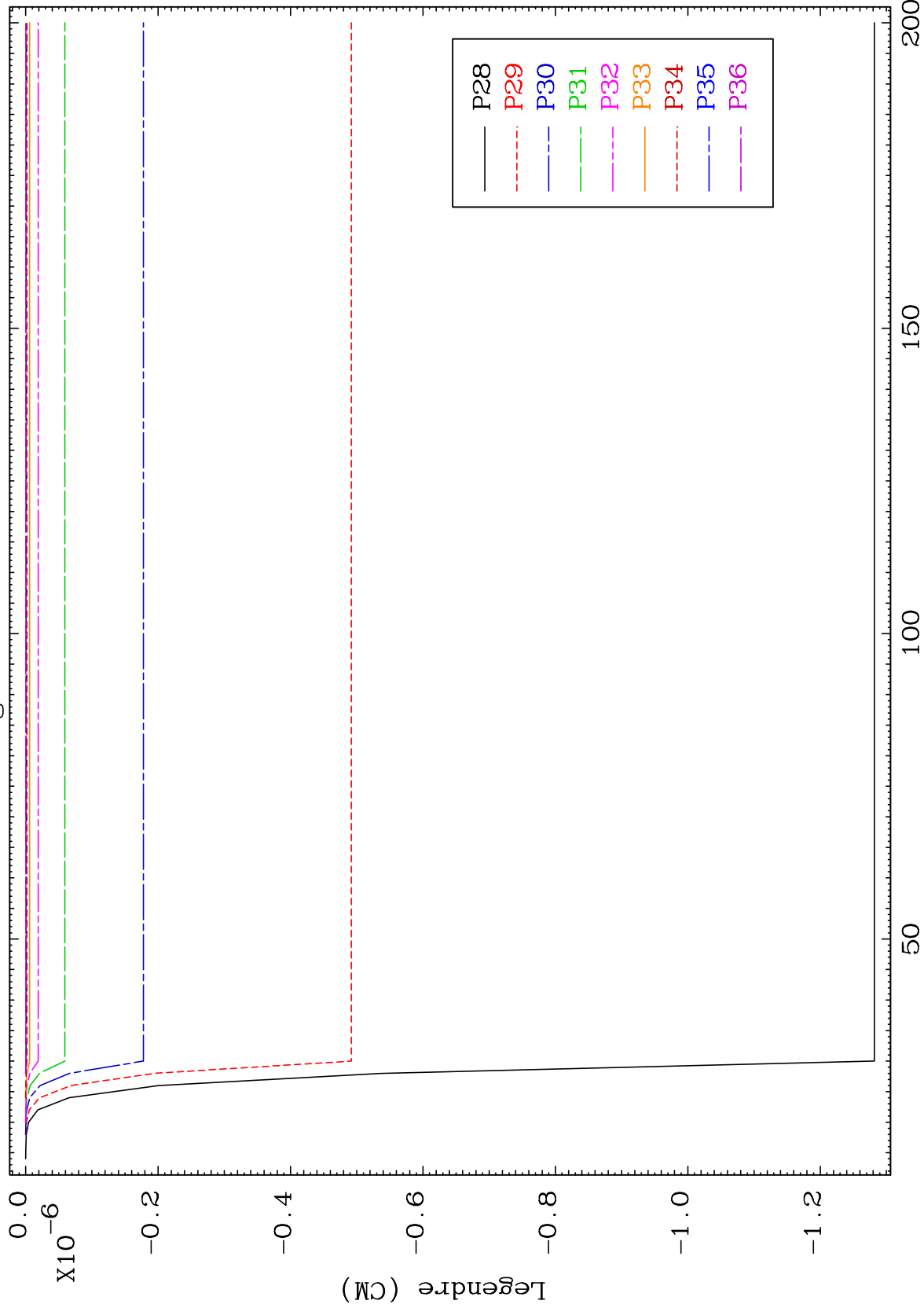
80



MAT 5895

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

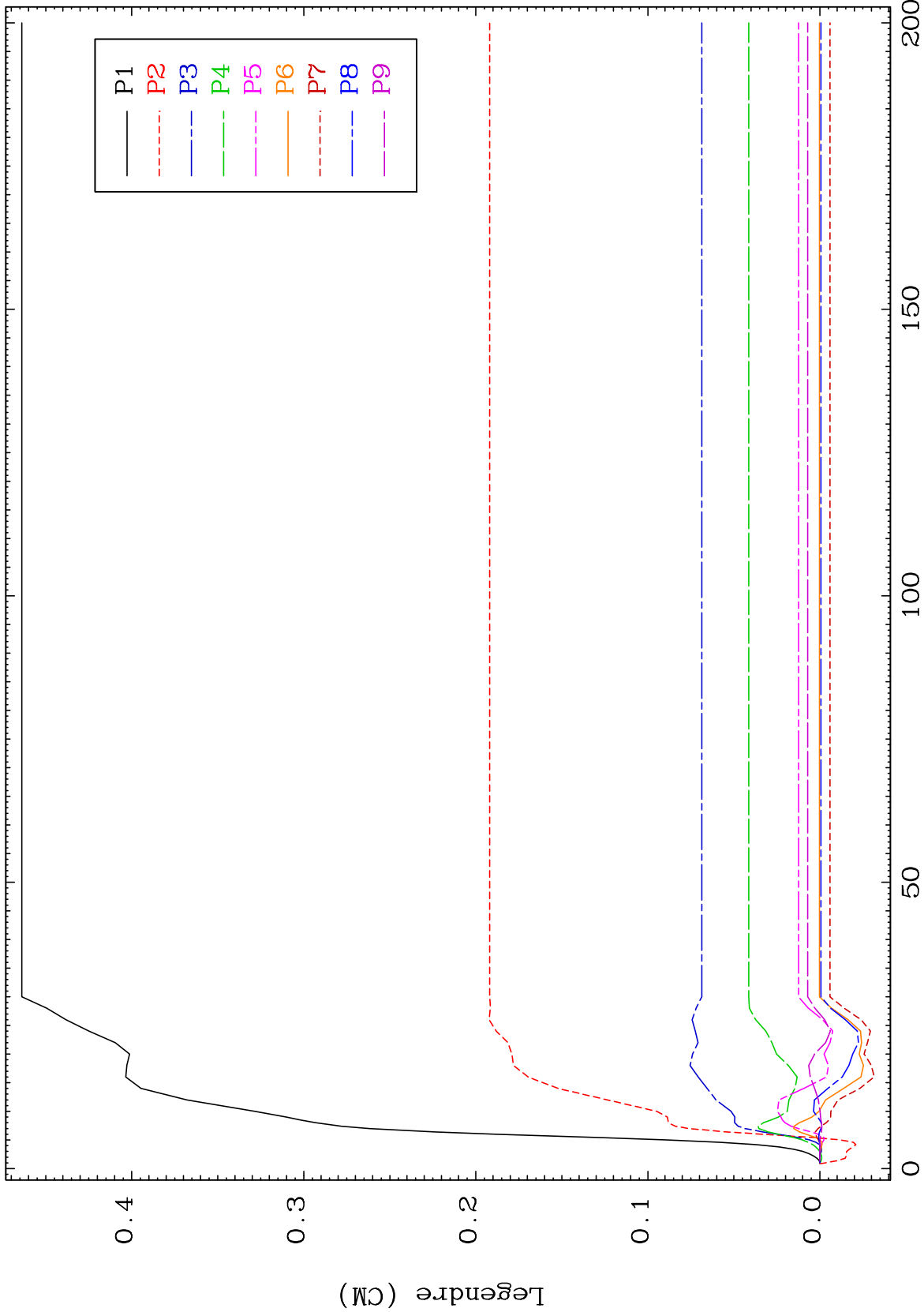
59-Pr-131



MAT 5895

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

59-Pr-131



83

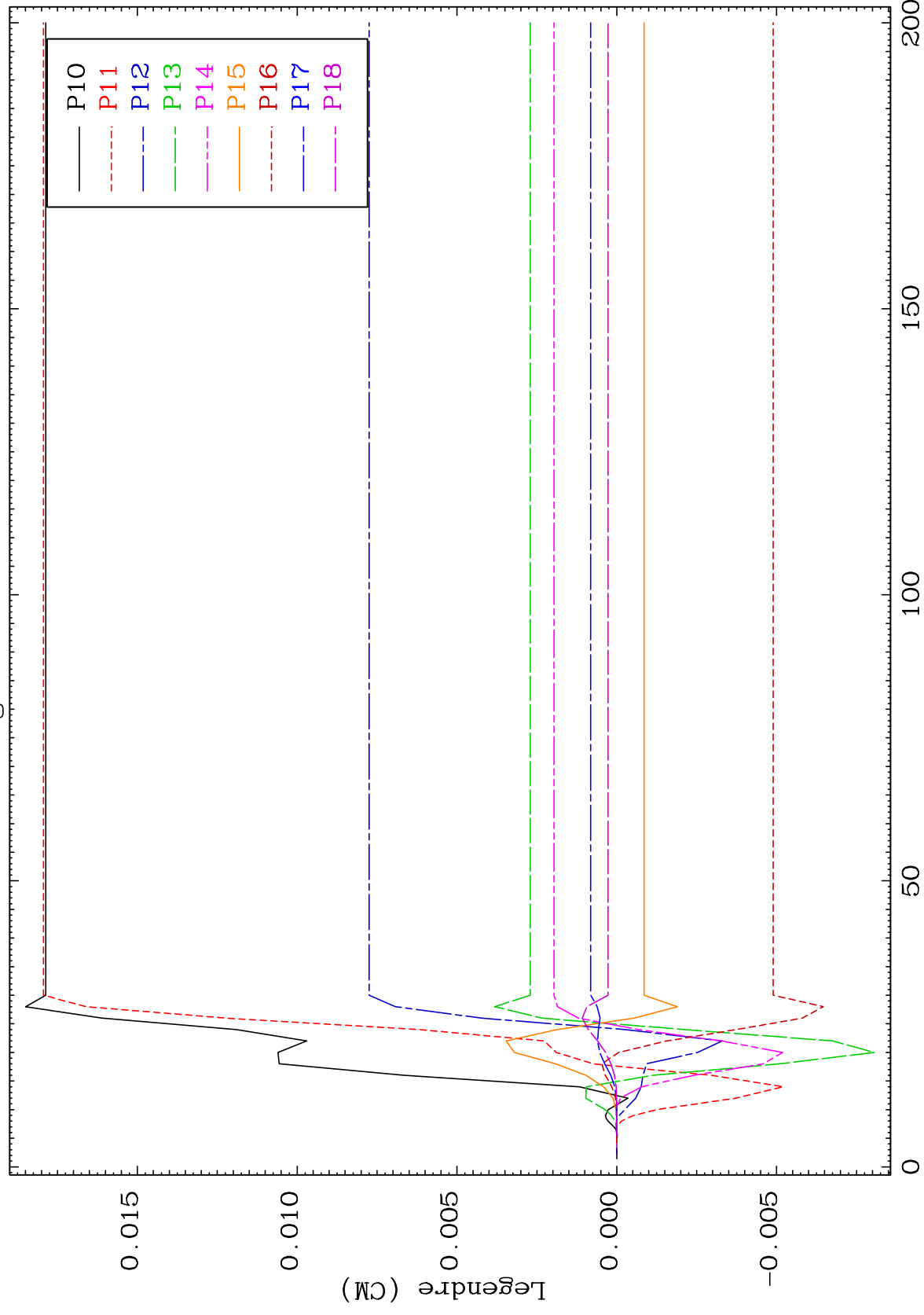
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



84

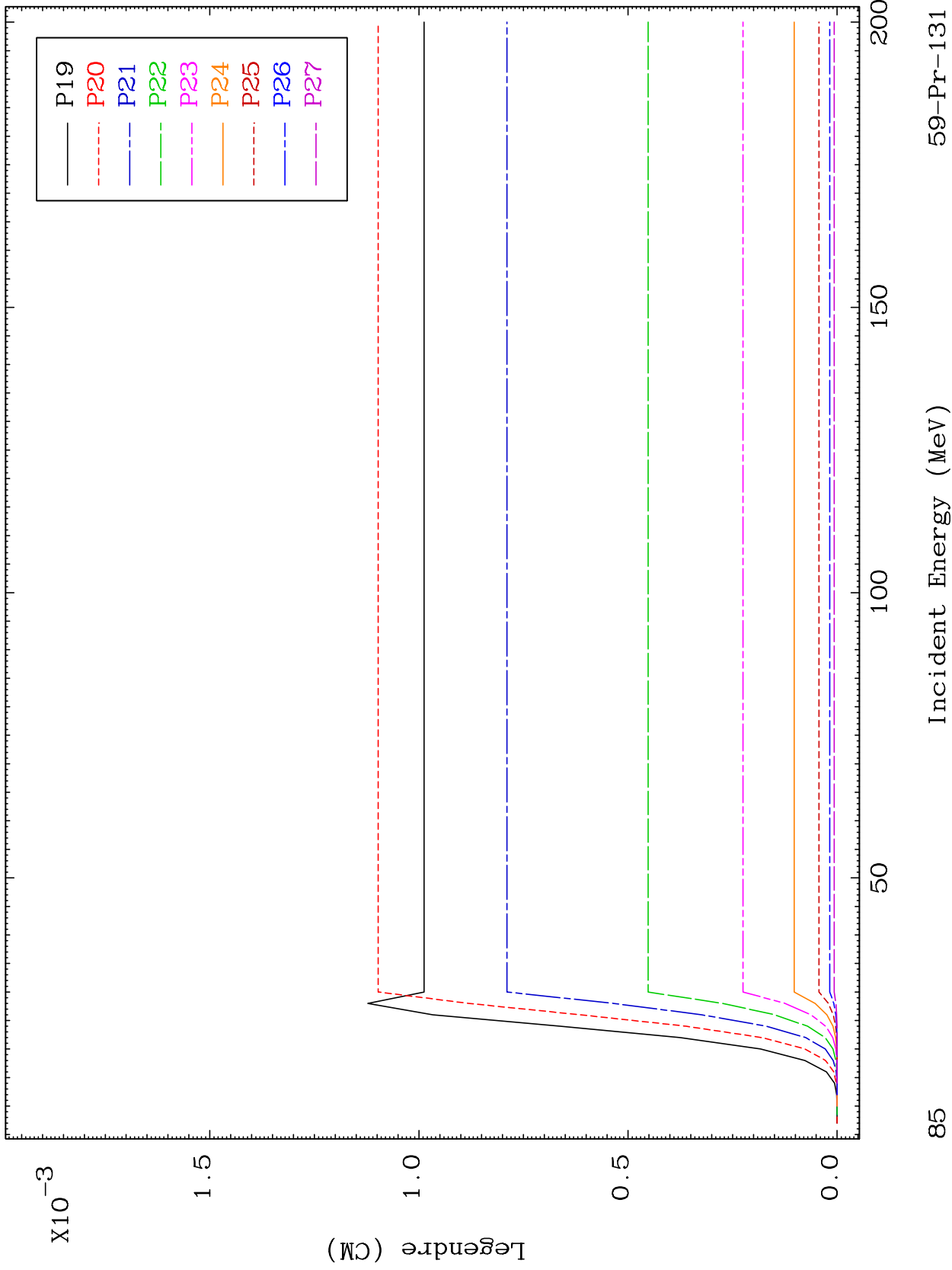
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

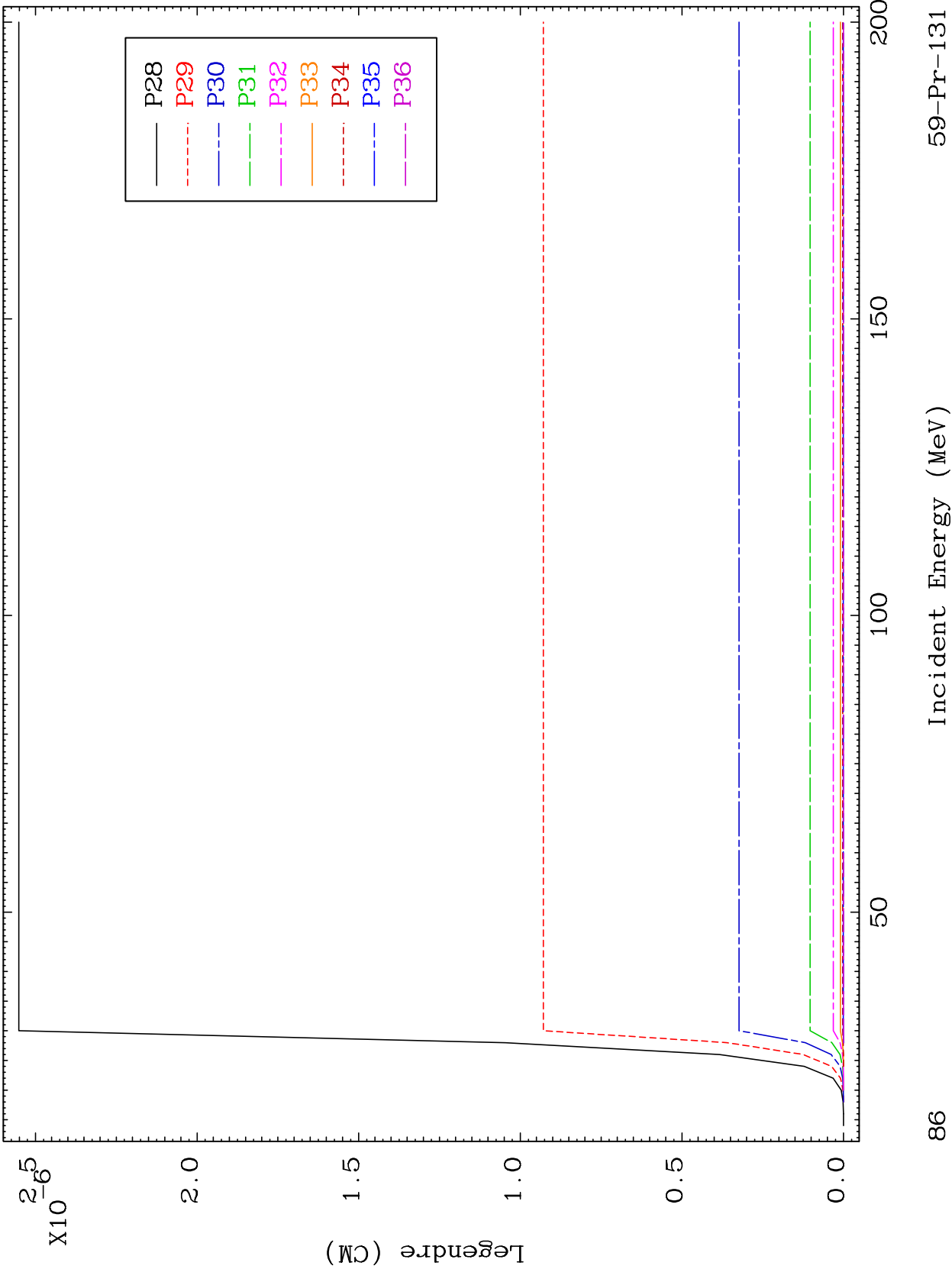
59-Pr-131



85

Incident Energy (MeV)

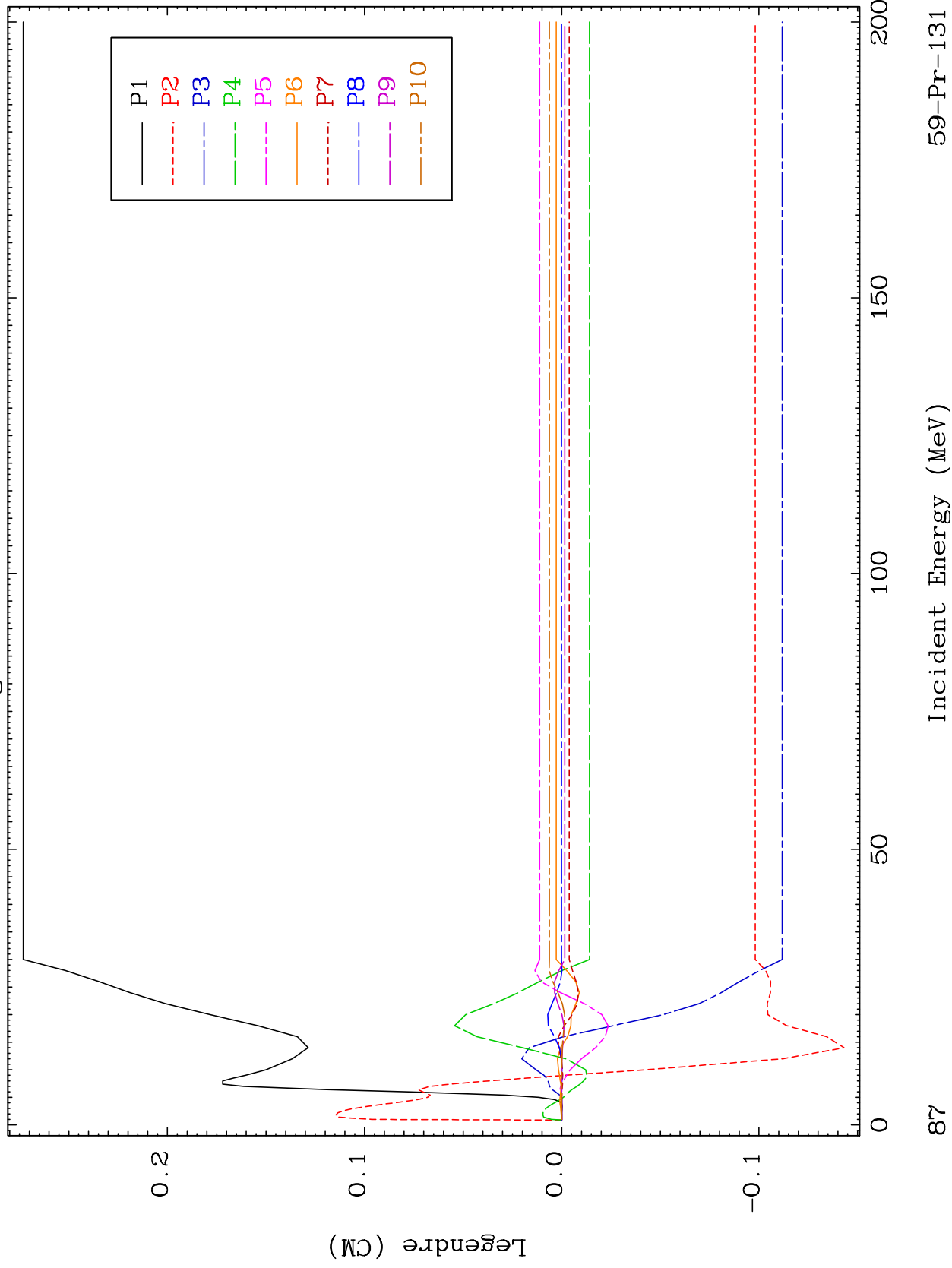
59-Pr-131



MAT 5895

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

59-Pr-131

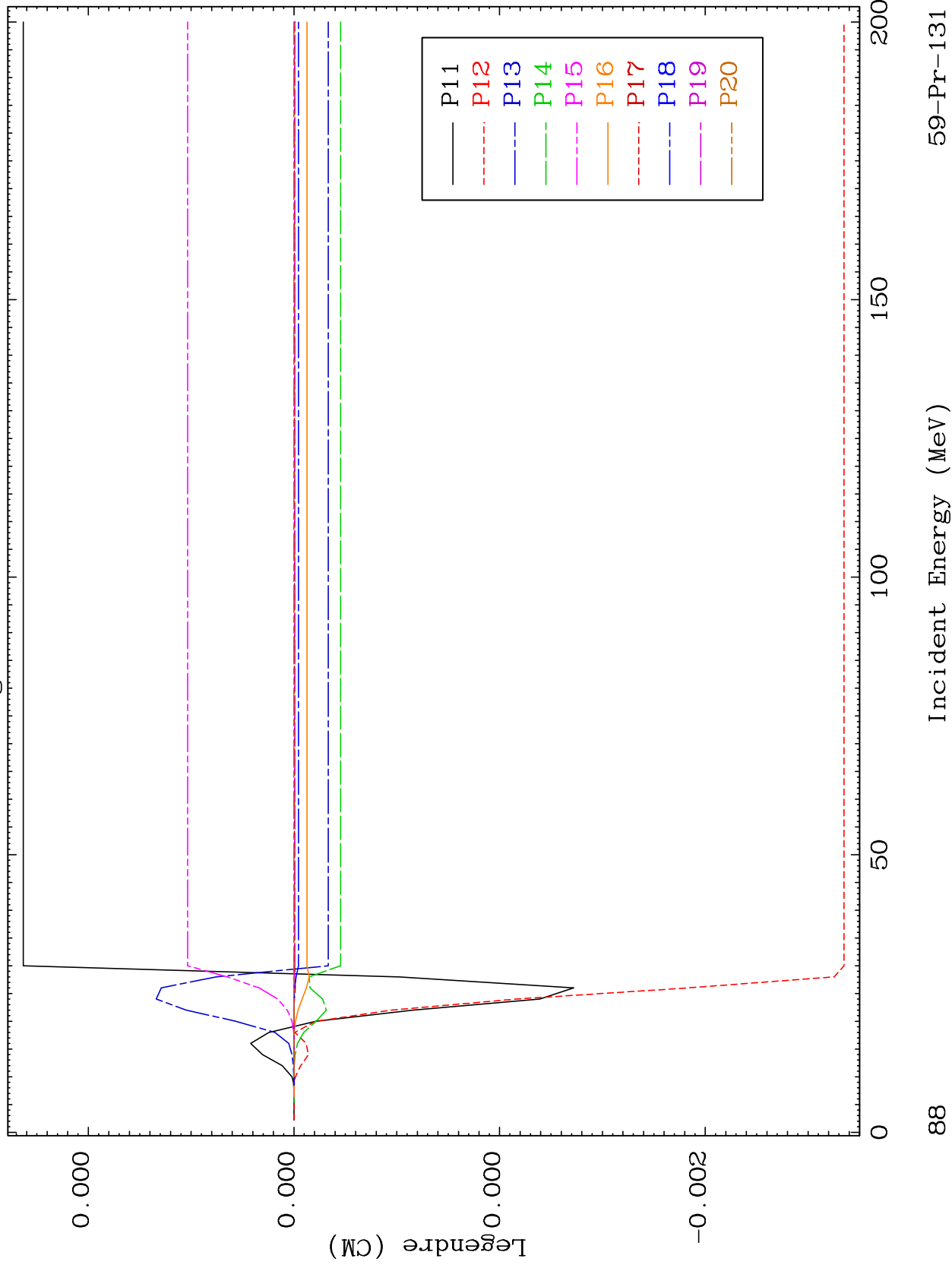


59-Pr-131

MAT 5895

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

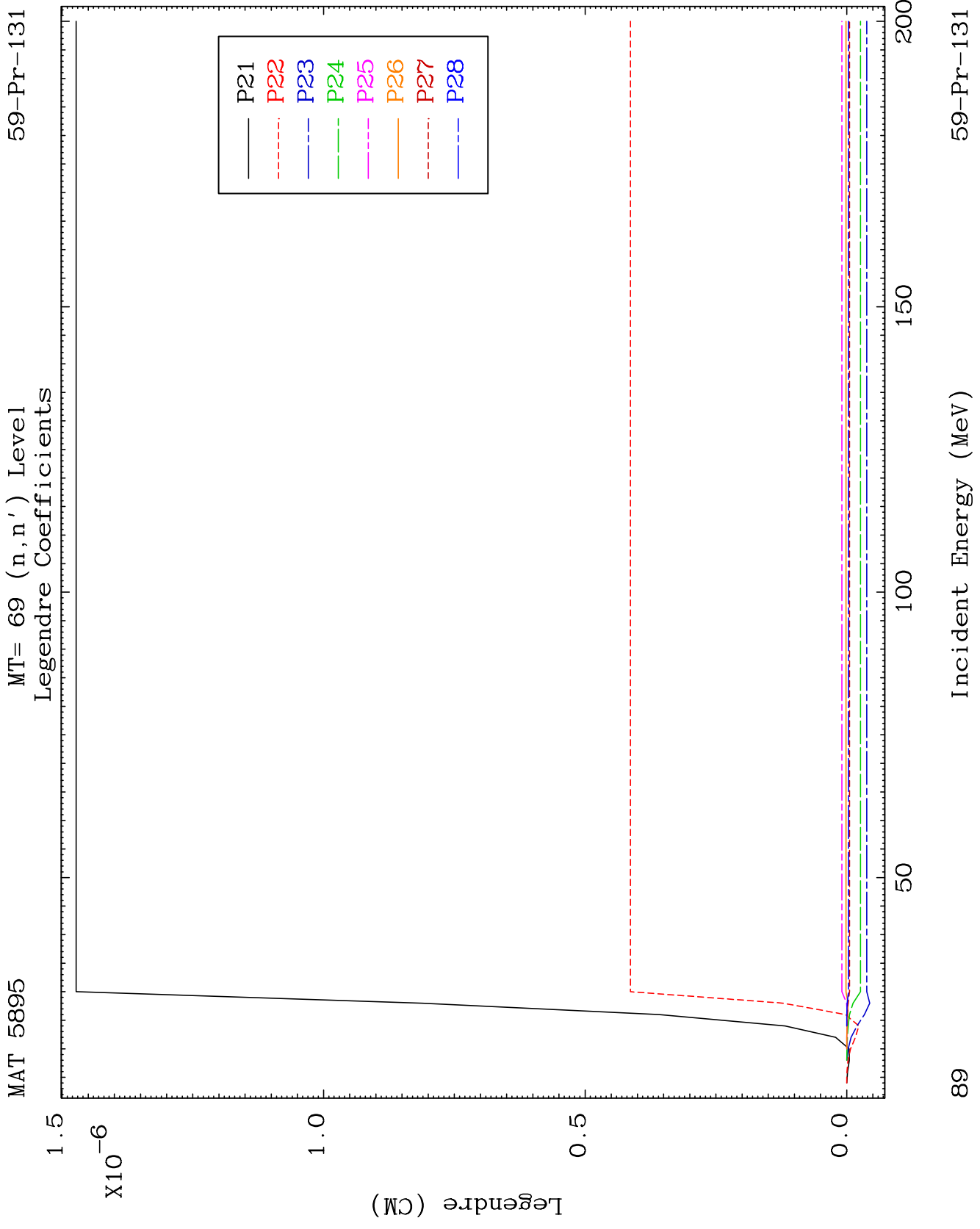
59-Pr-131

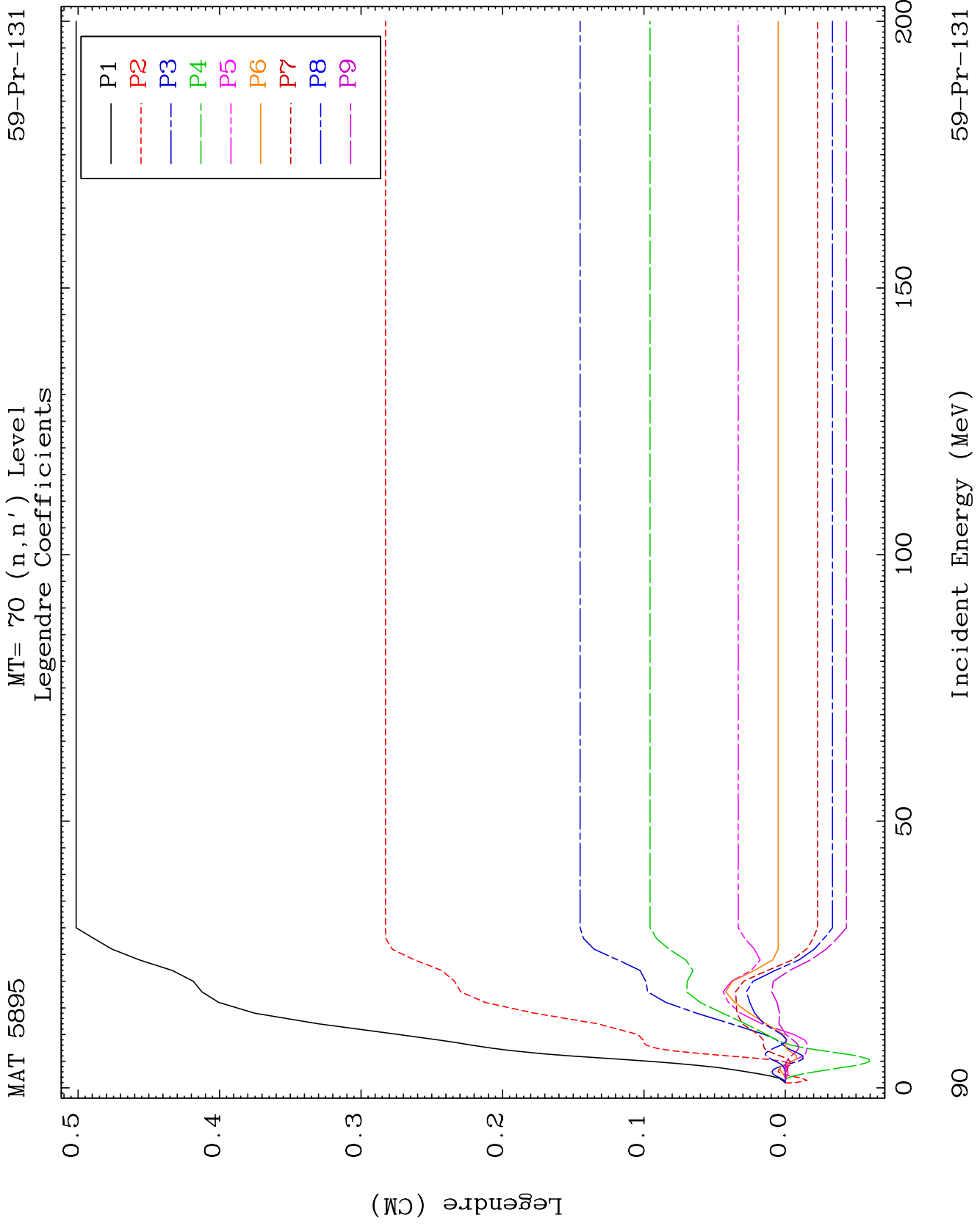


59-Pr-131

Incident Energy (MeV)

88

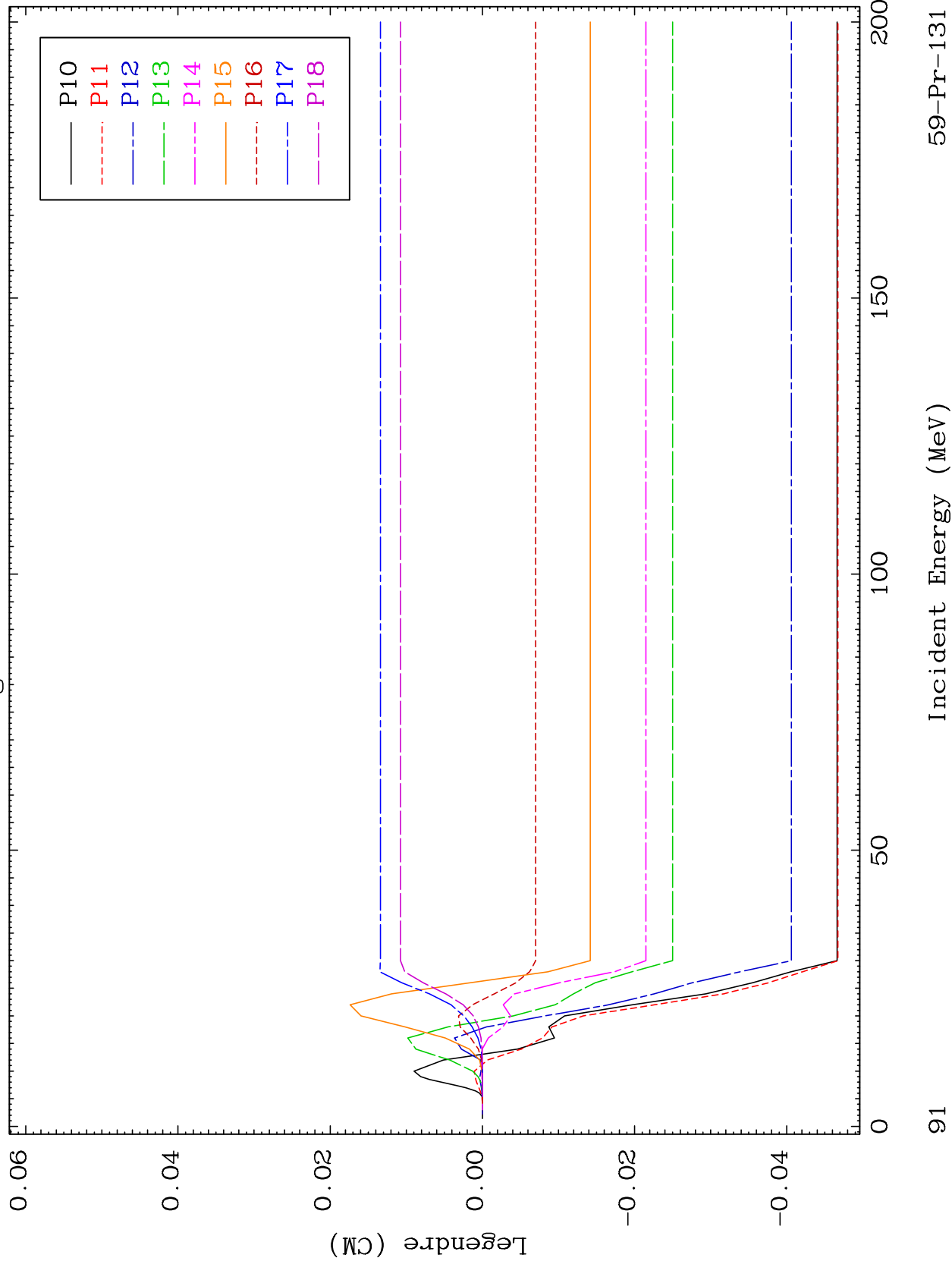




MAT 5895

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

59-Pr-131



91

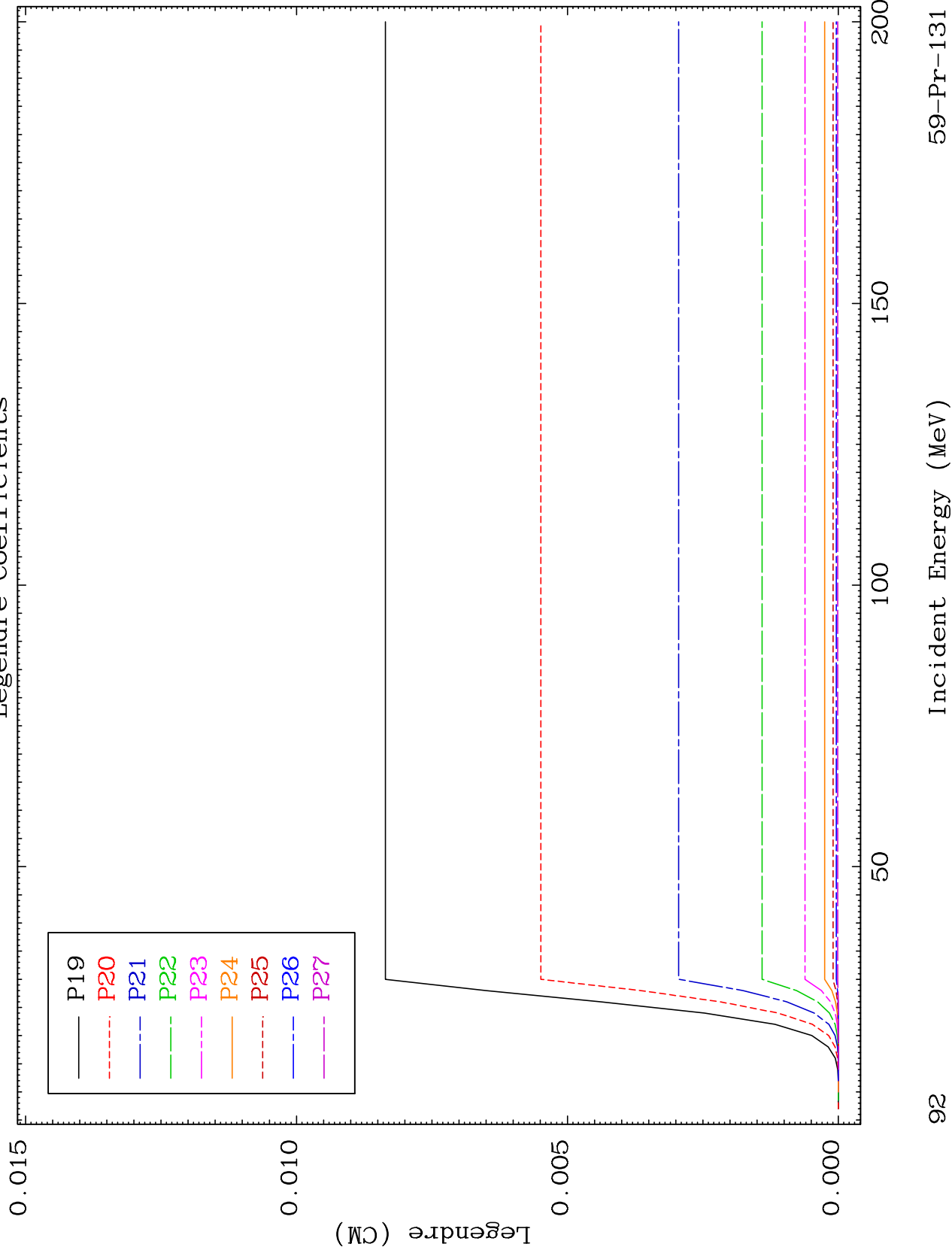
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



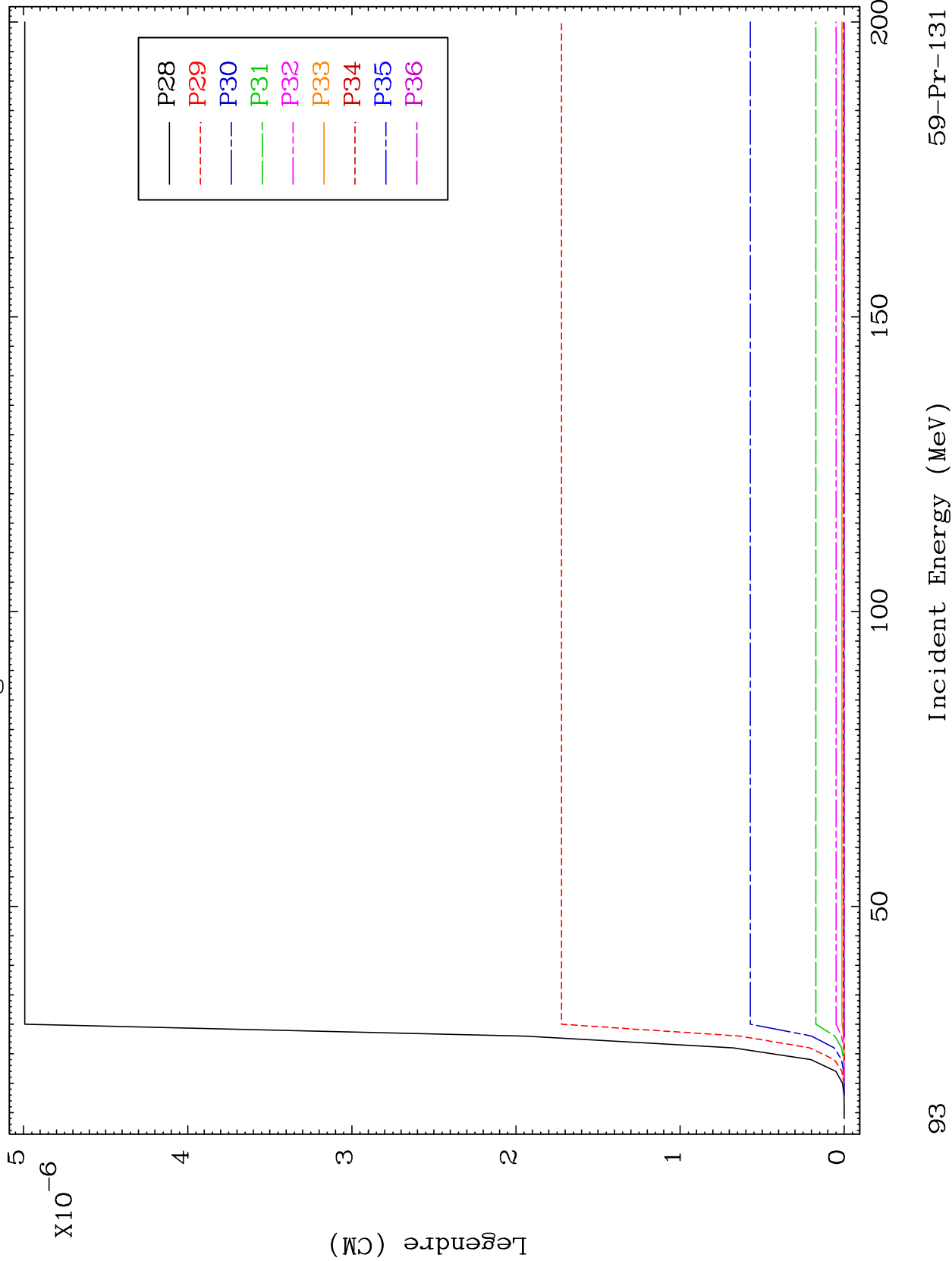
92

59-Pr-131

MAT 5895

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

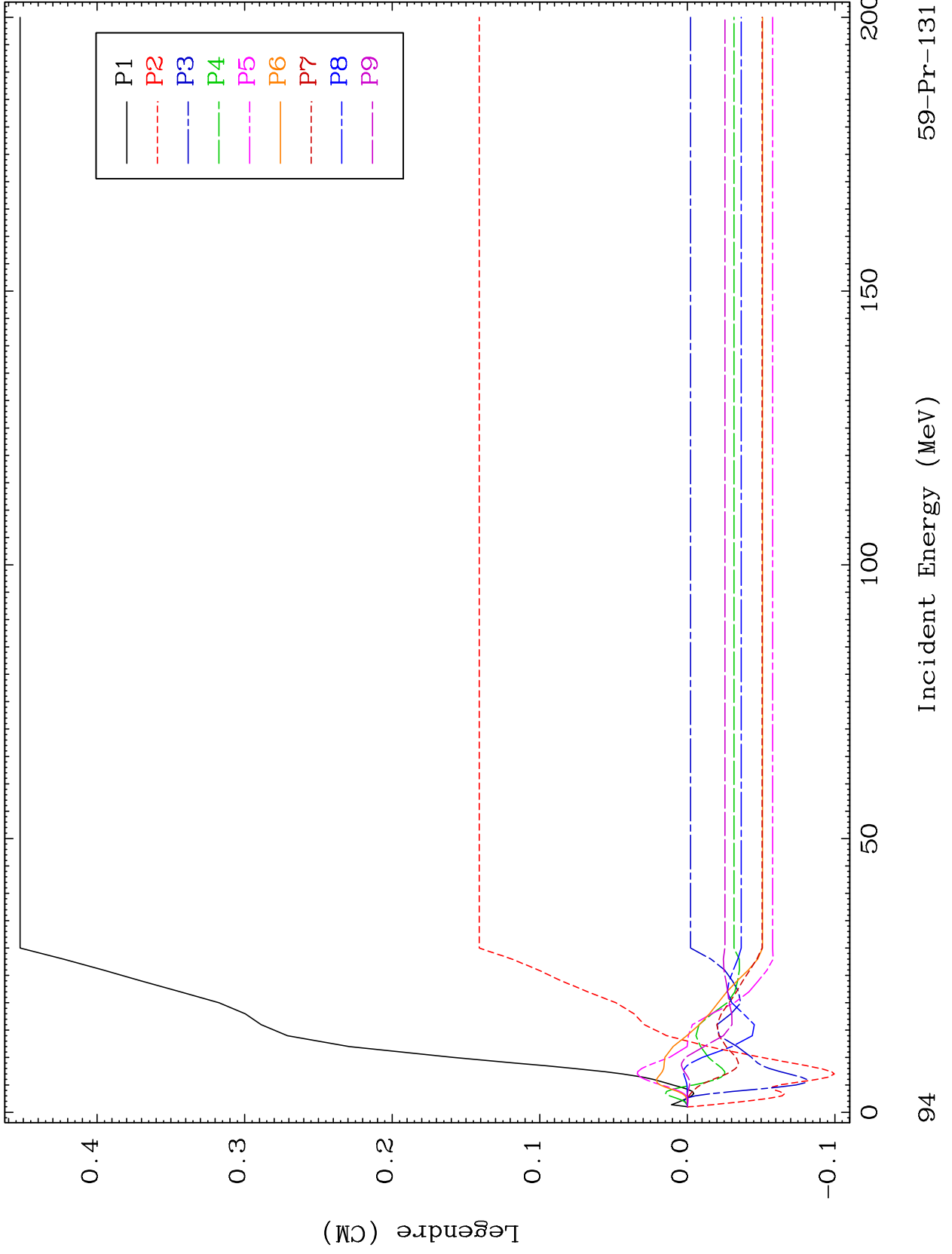
59-Pr-131



MAT 5895

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

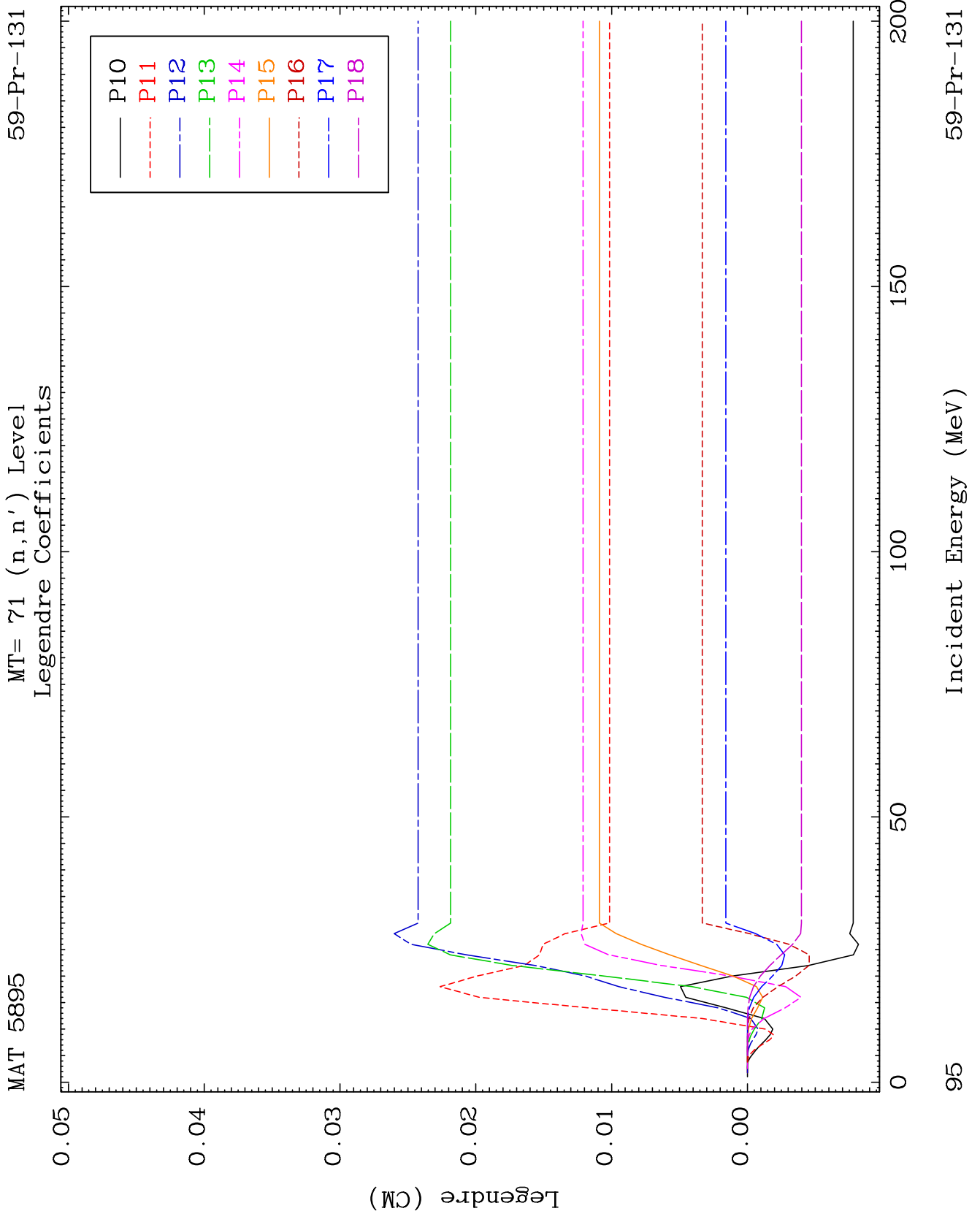
59-Pr-131



94

Incident Energy (MeV)

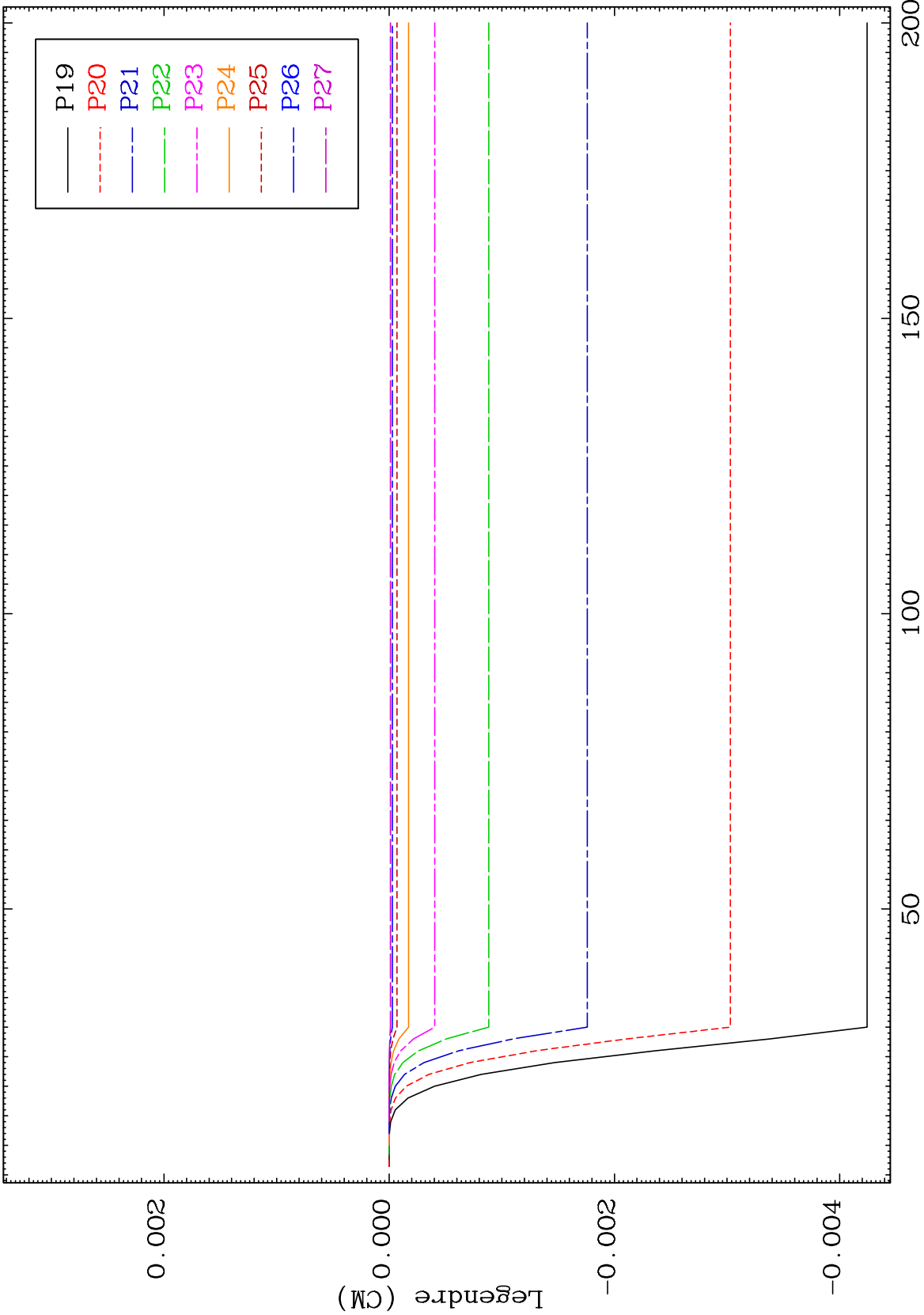
59-Pr-131



MAT 5895

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

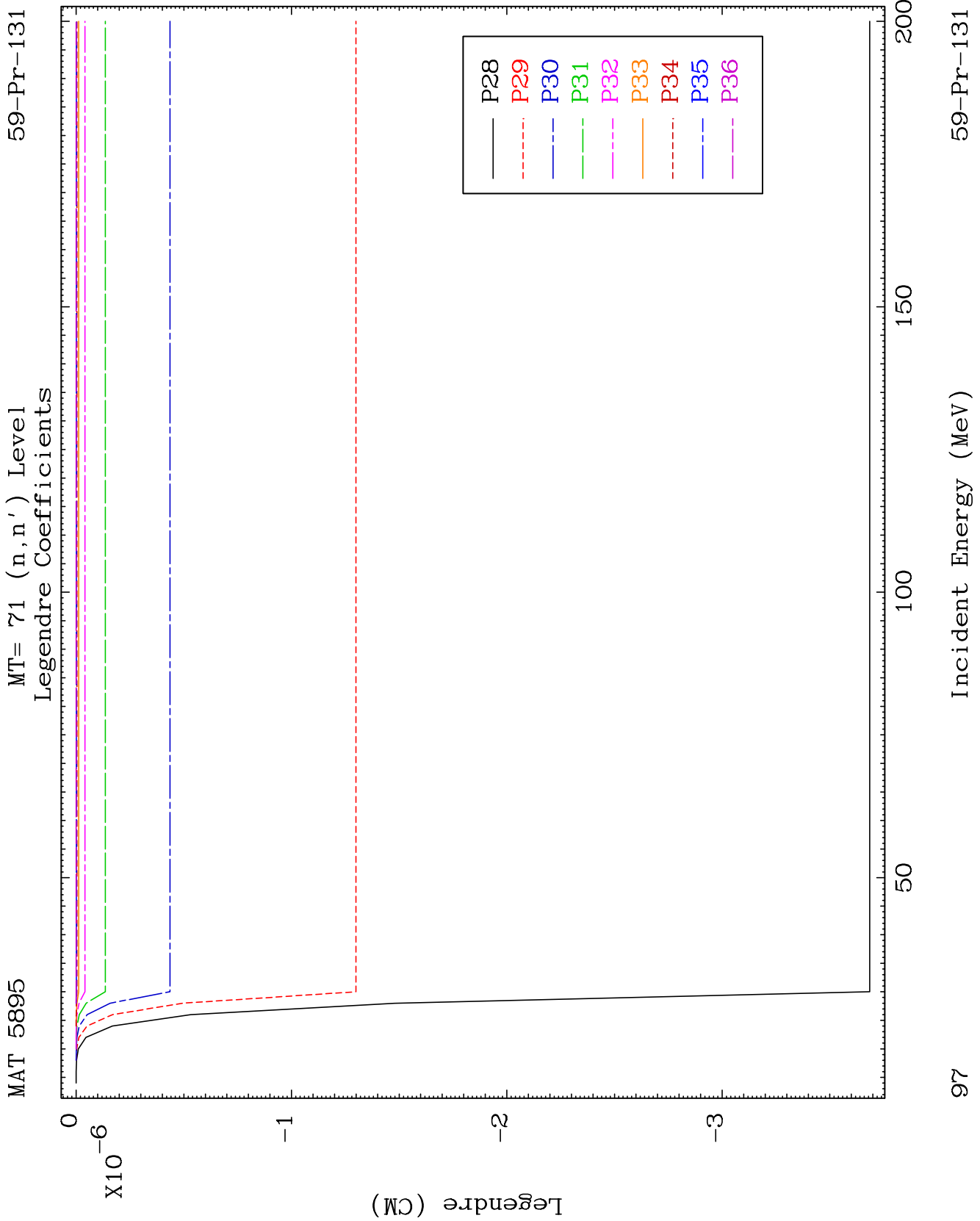
59-Pr-131



96

Incident Energy (MeV)

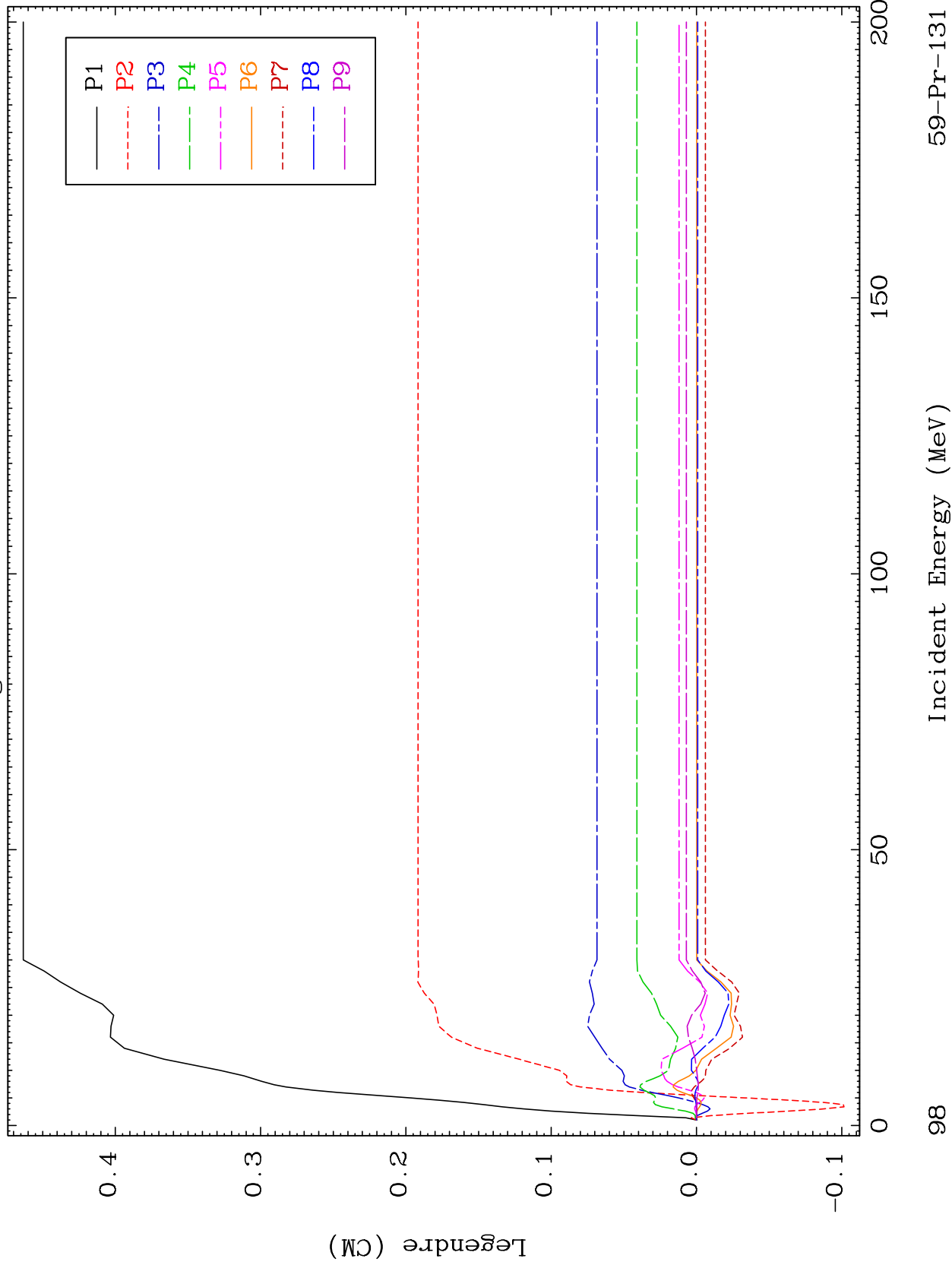
59-Pr-131



MAT 5895

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

59-Pr-131



59-Pr-131

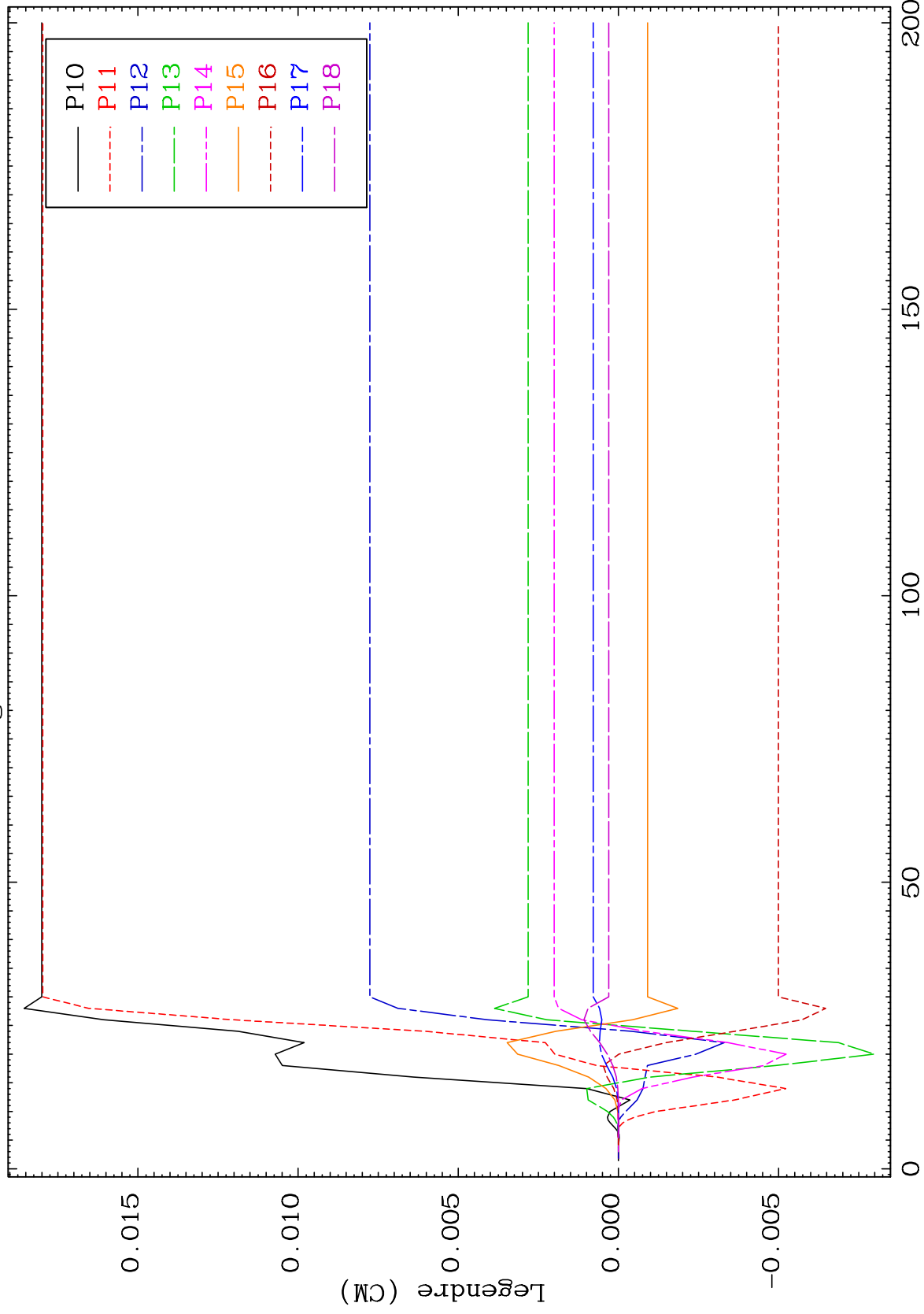
Incident Energy (MeV)

98

MAT 5895

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

59-Pr-131



99

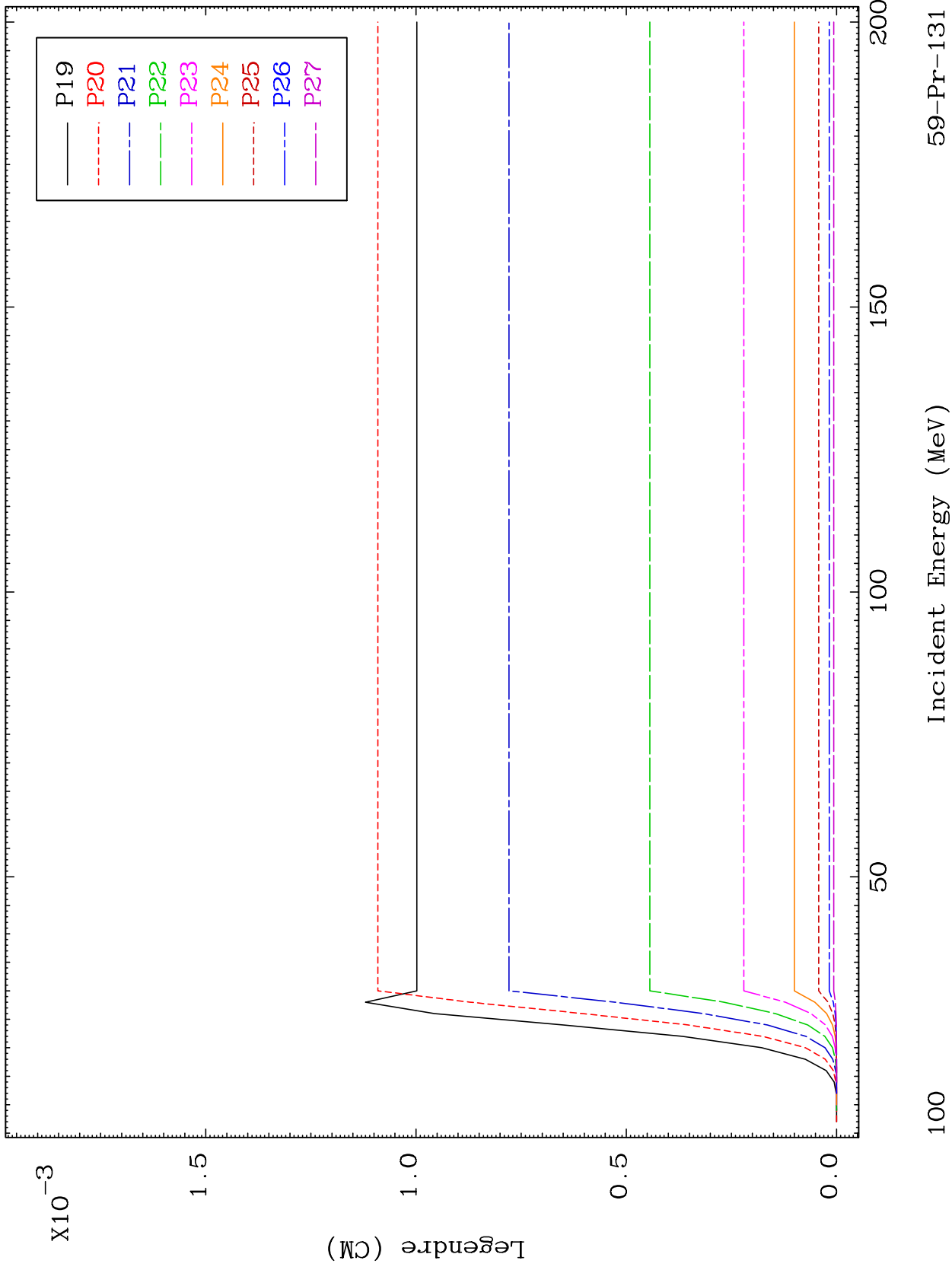
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131

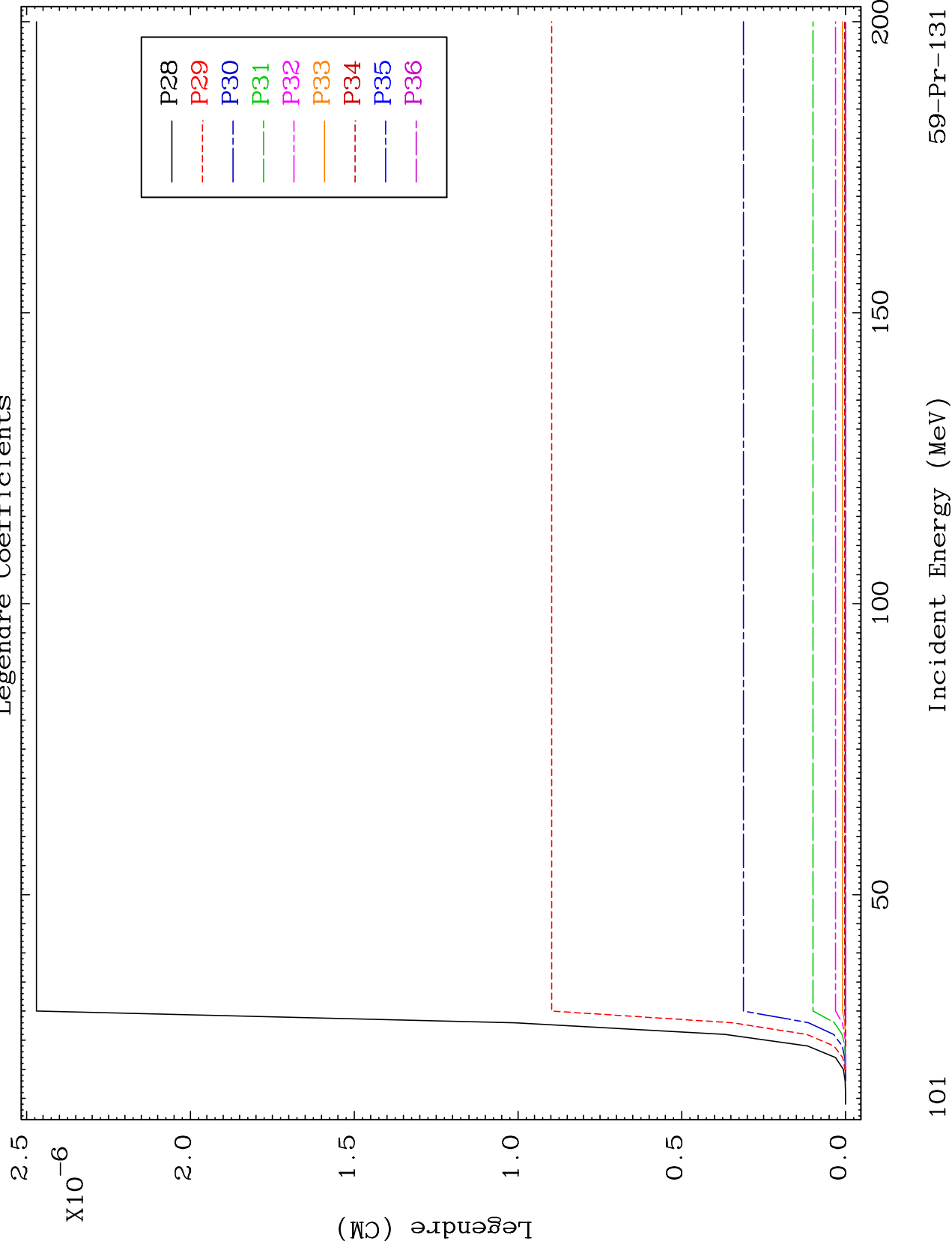


59-Pr-131

MAT 5895

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

59-Pr-131



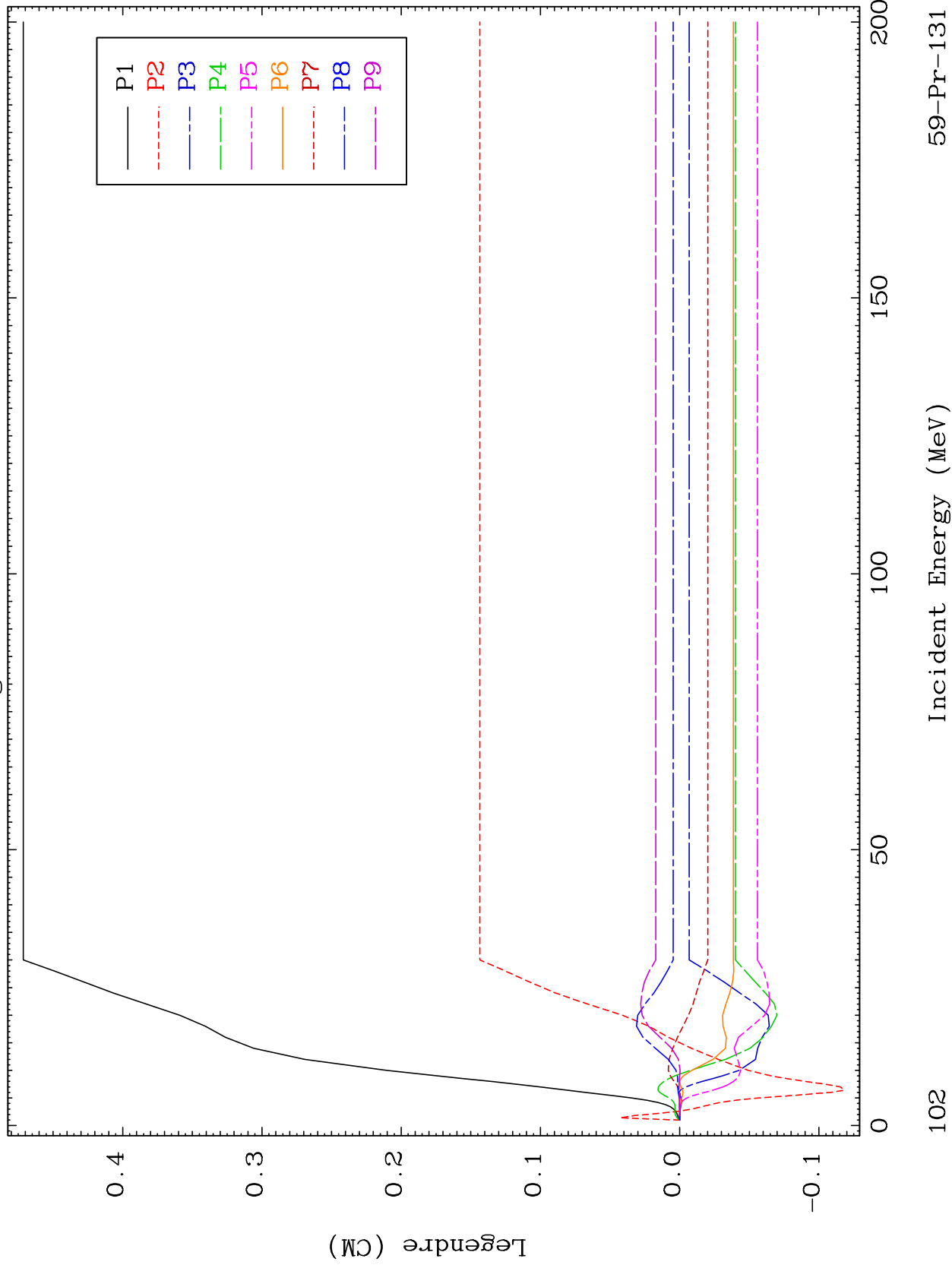
101

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

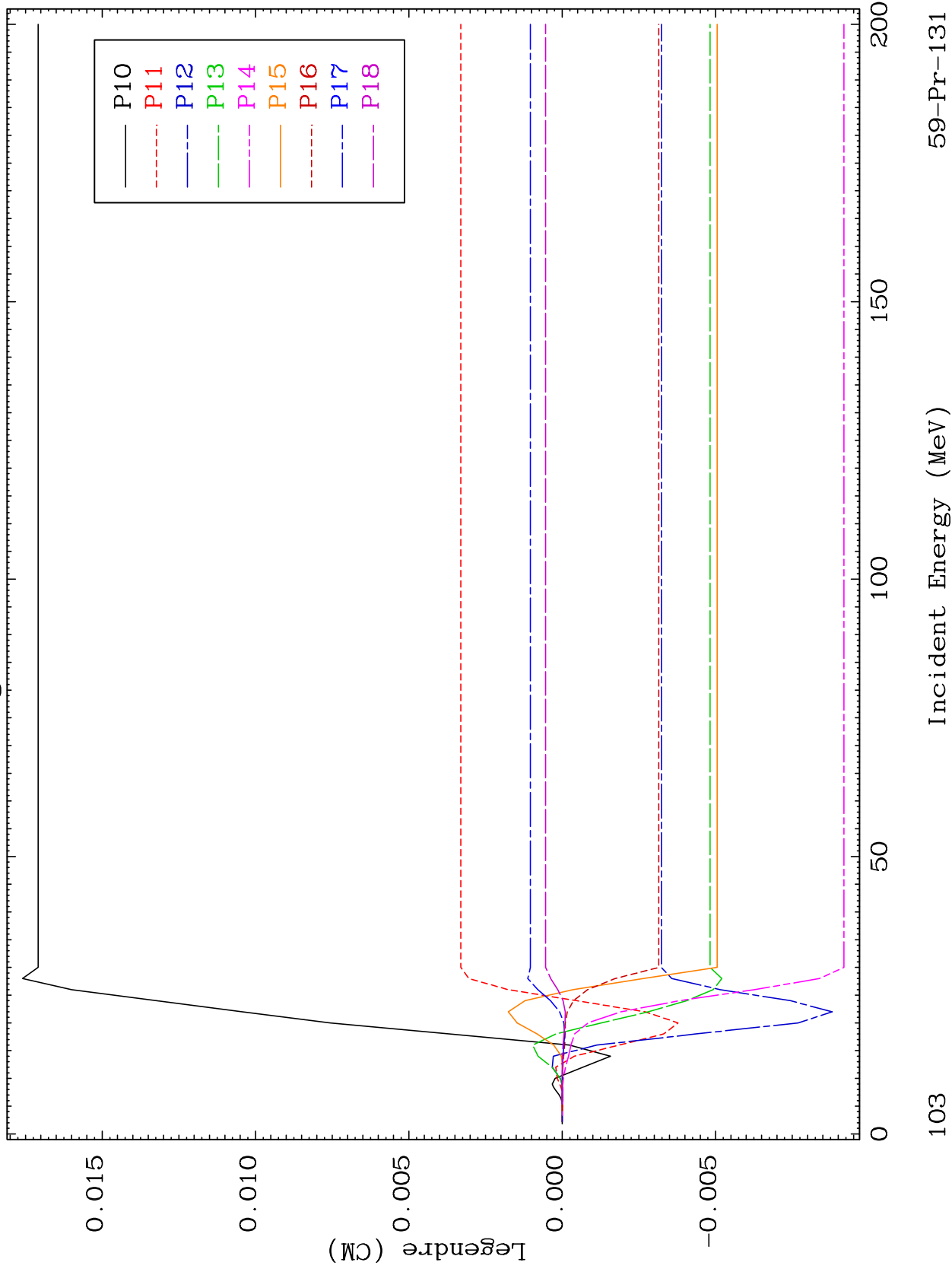
Incident Energy (MeV)

102

MAT 5895

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

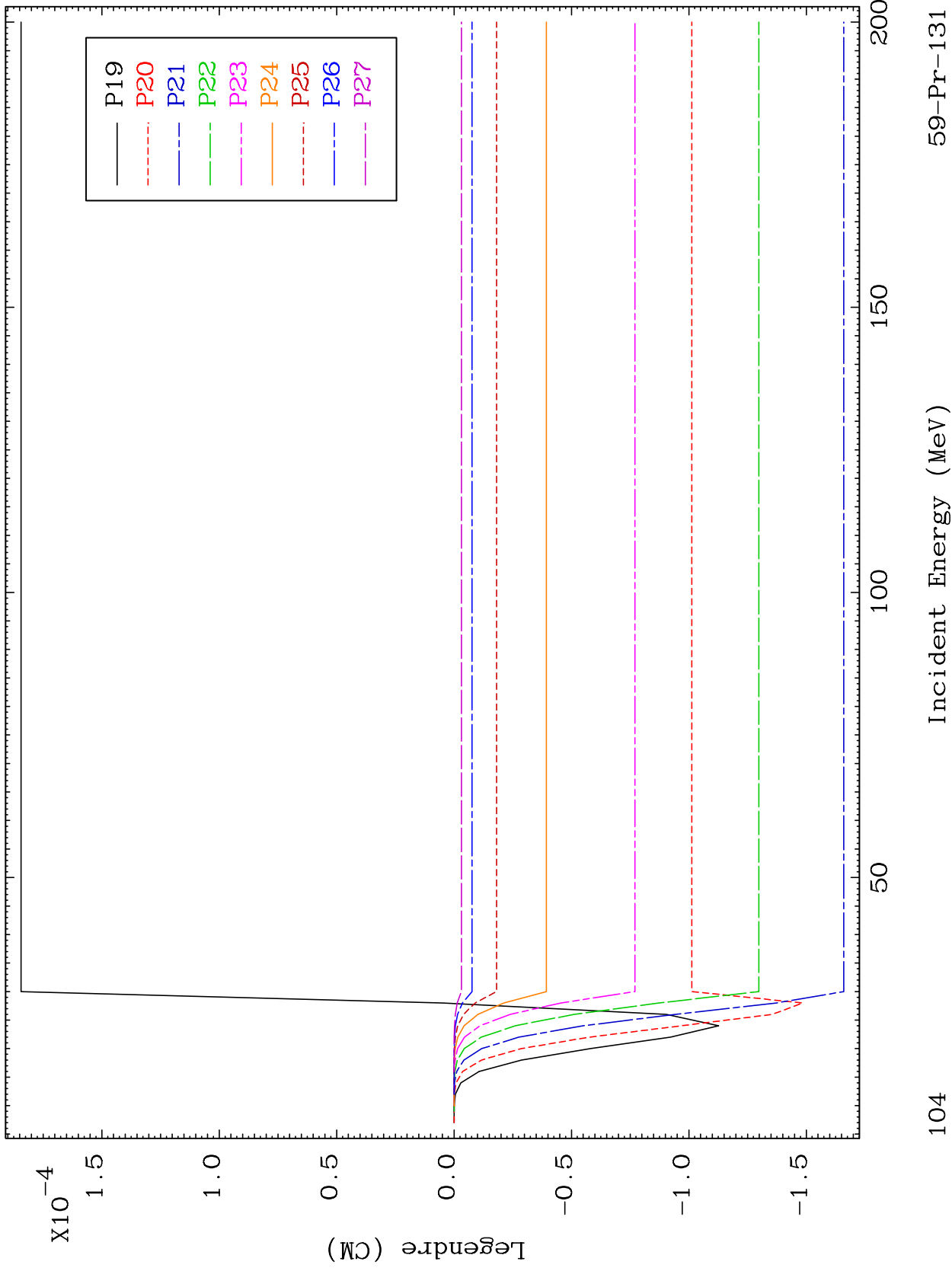
59-Pr-131



103

Incident Energy (MeV)

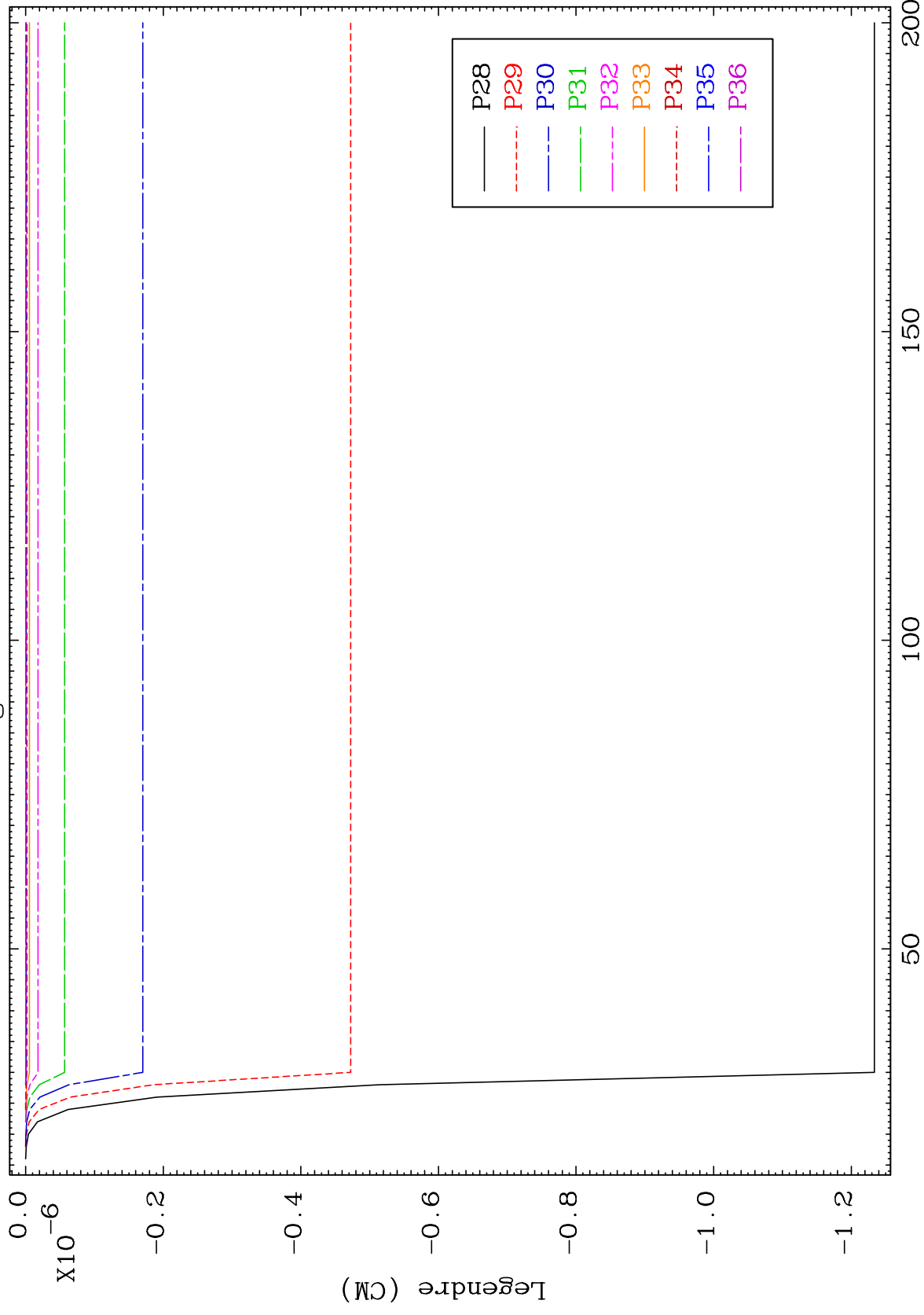
59-Pr-131



MAT 5895

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

59-Pr-131



105

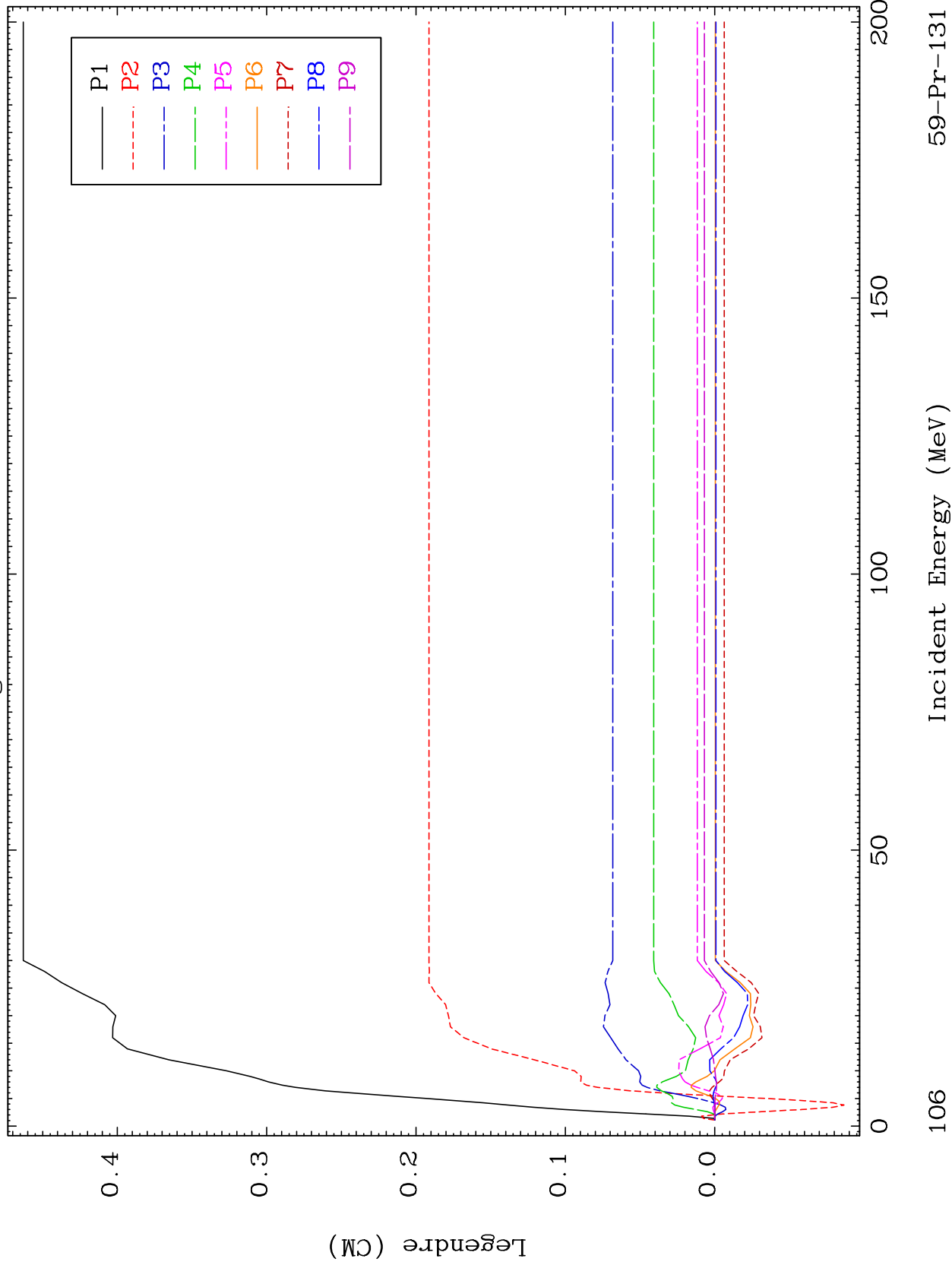
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

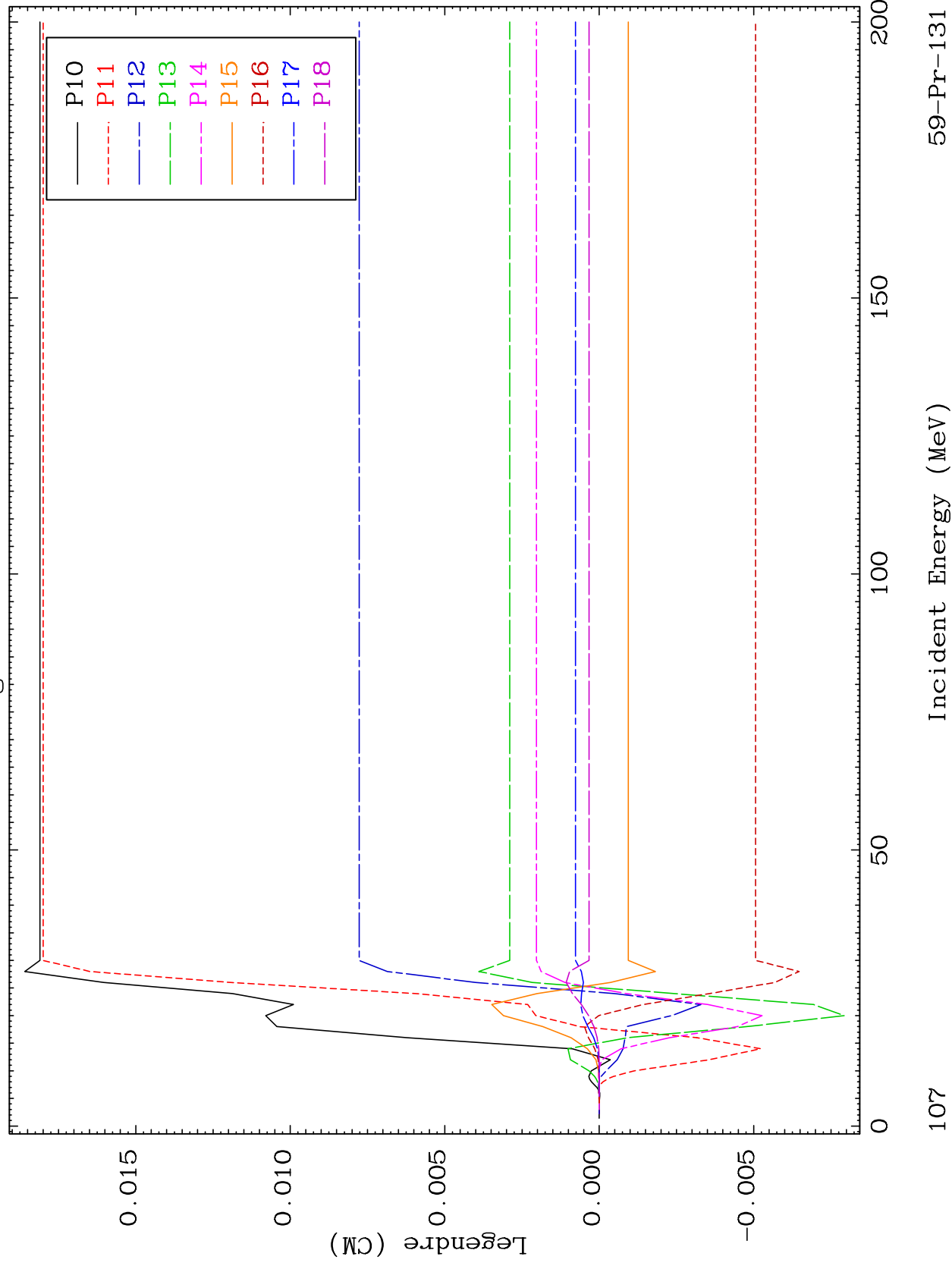
Incident Energy (MeV)

106

MAT 5895

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

59-Pr-131



59-Pr-131

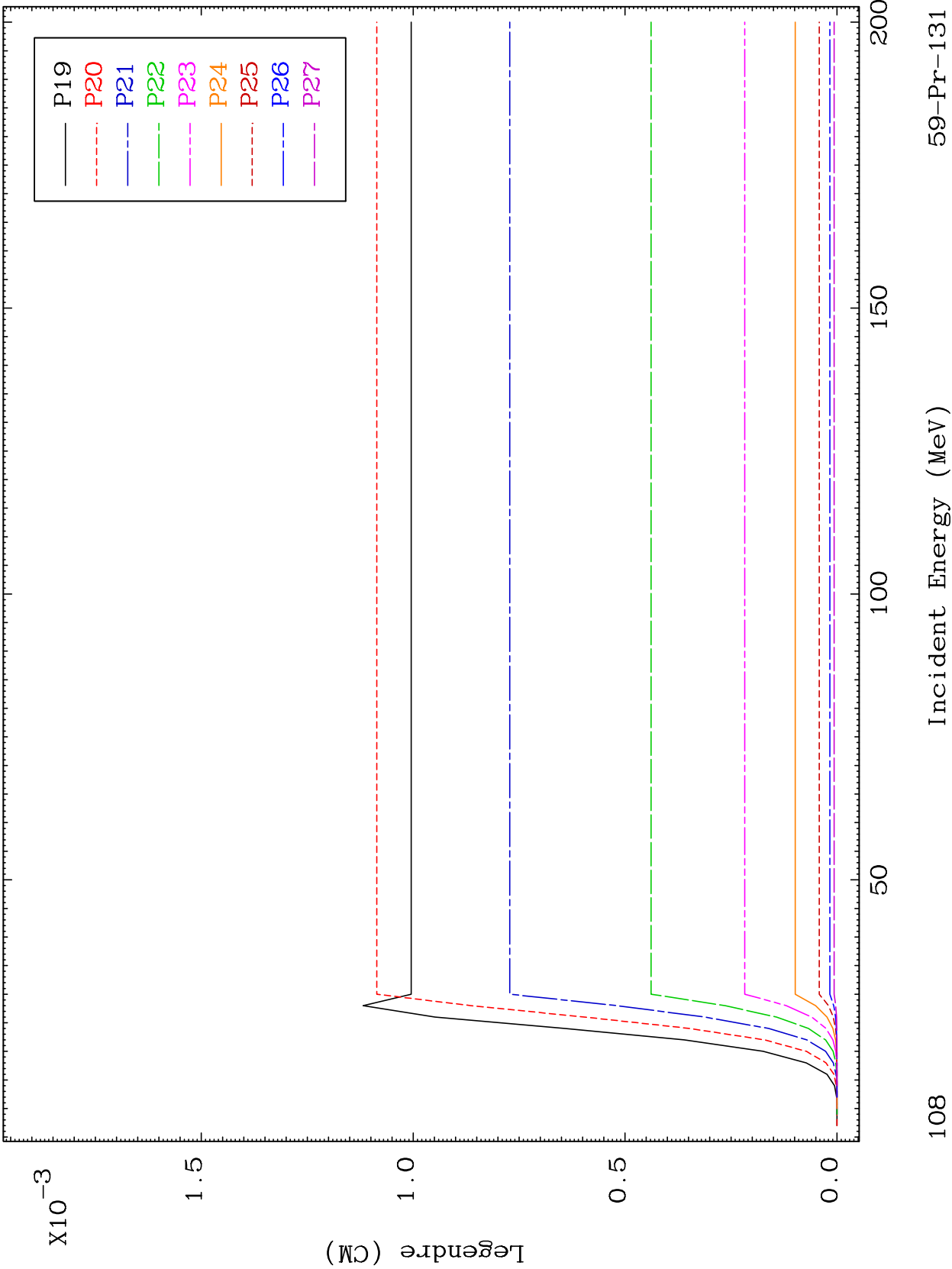
Incident Energy (MeV)

107

MAT 5895

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

59-Pr-131



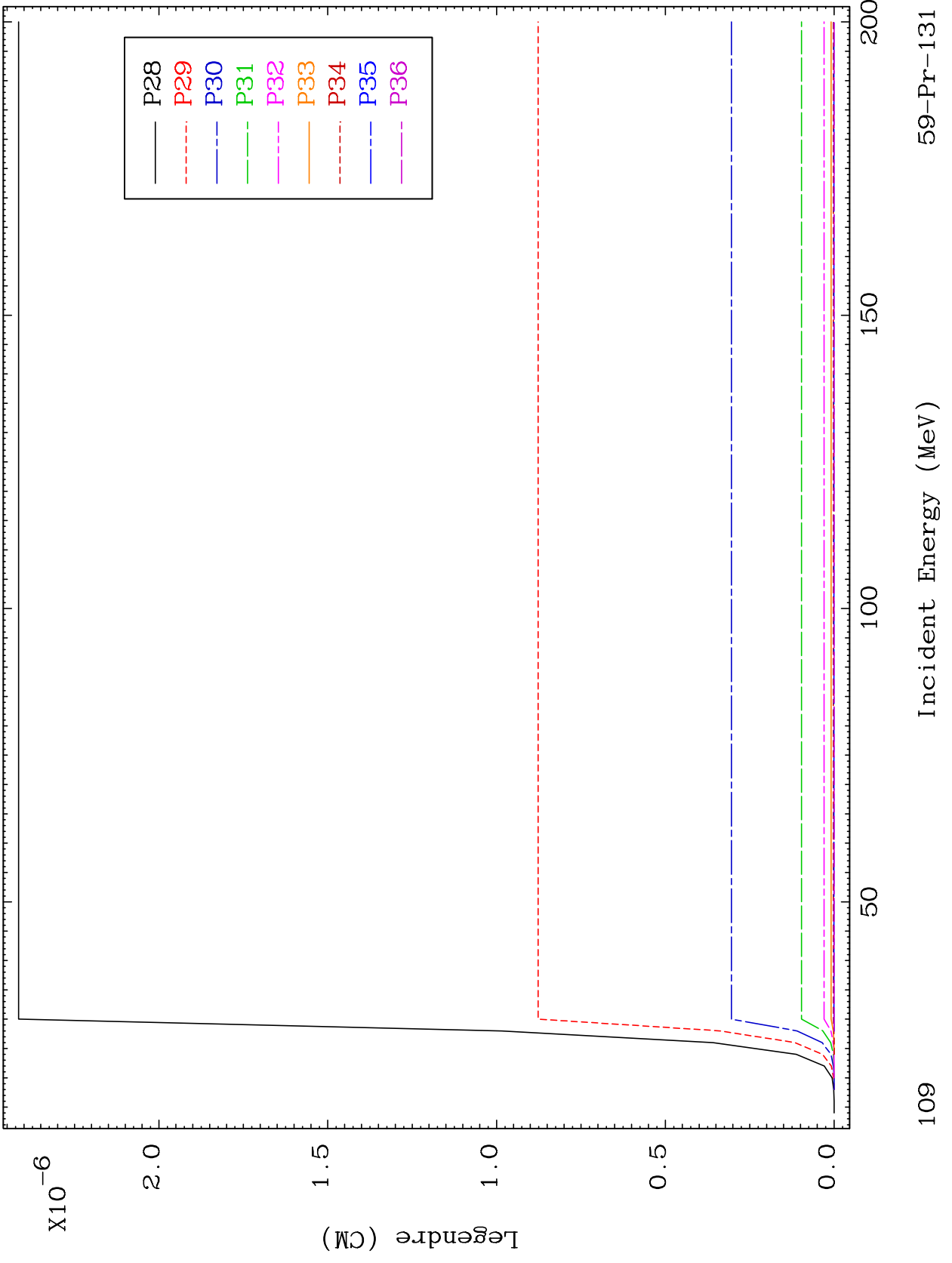
108

59-Pr-131

MAT 5895

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

59-Pr-131



109

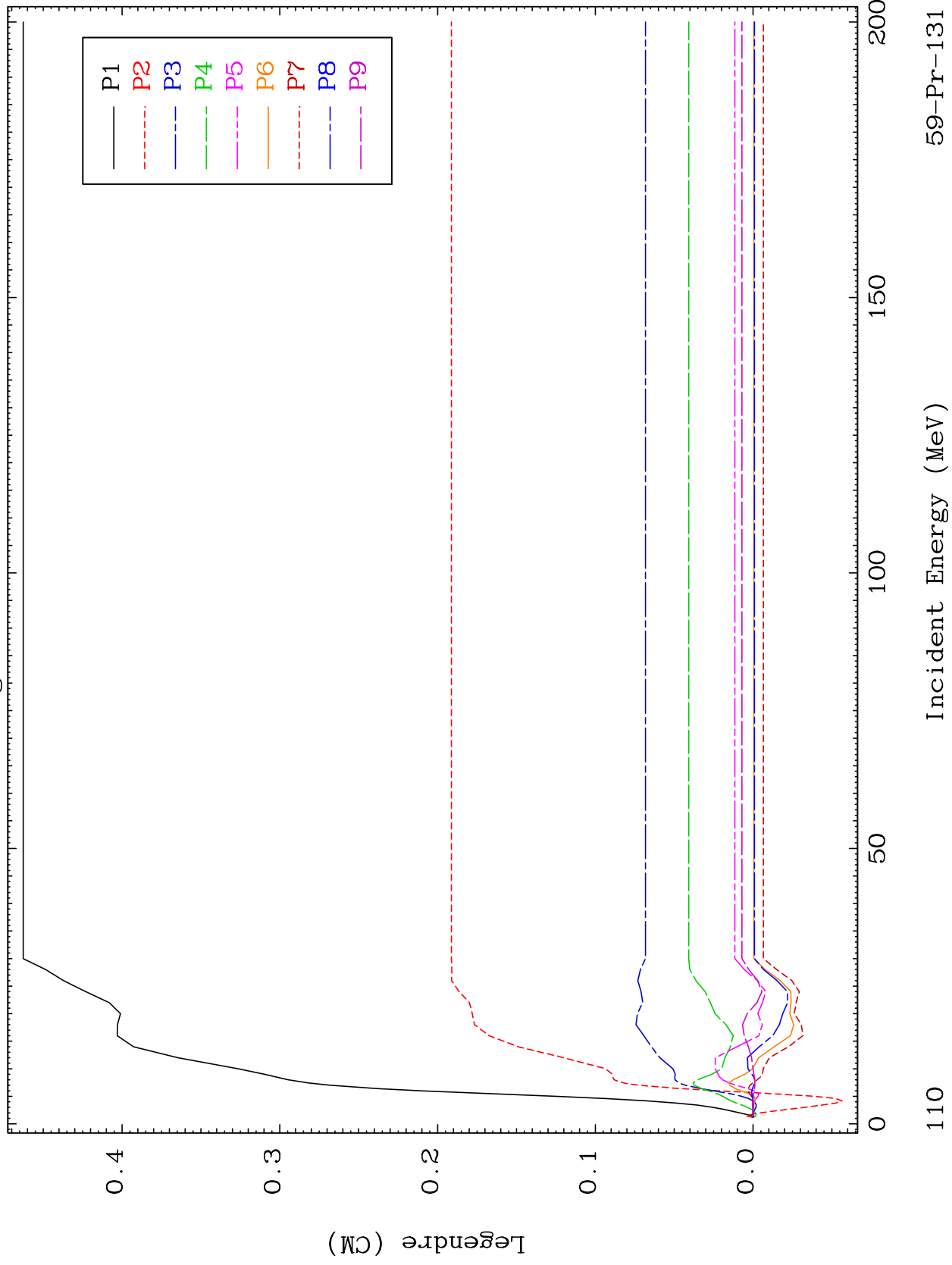
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

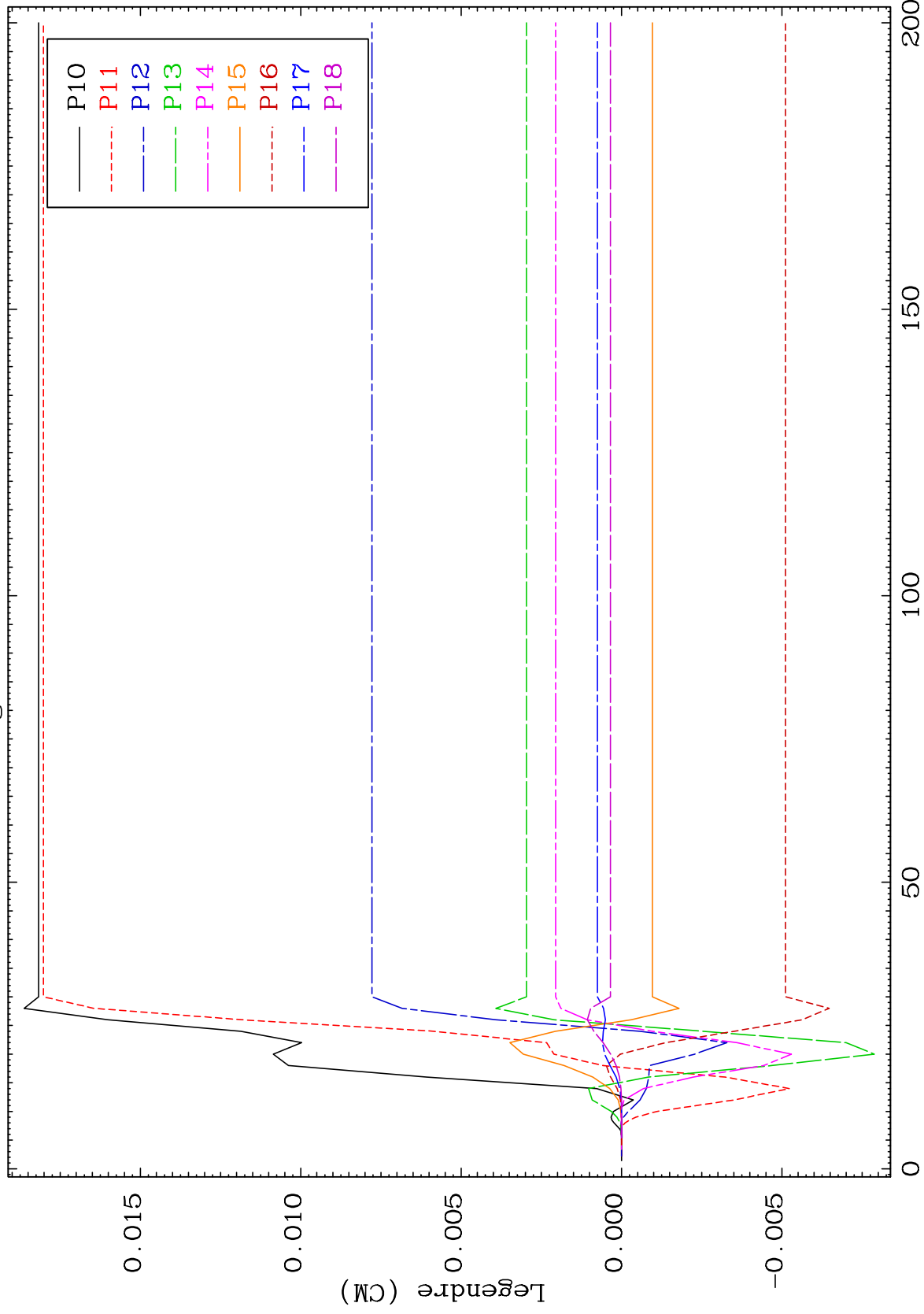
Incident Energy (MeV)

Legendre (CM)

MAT 5895

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

59-Pr-131



111

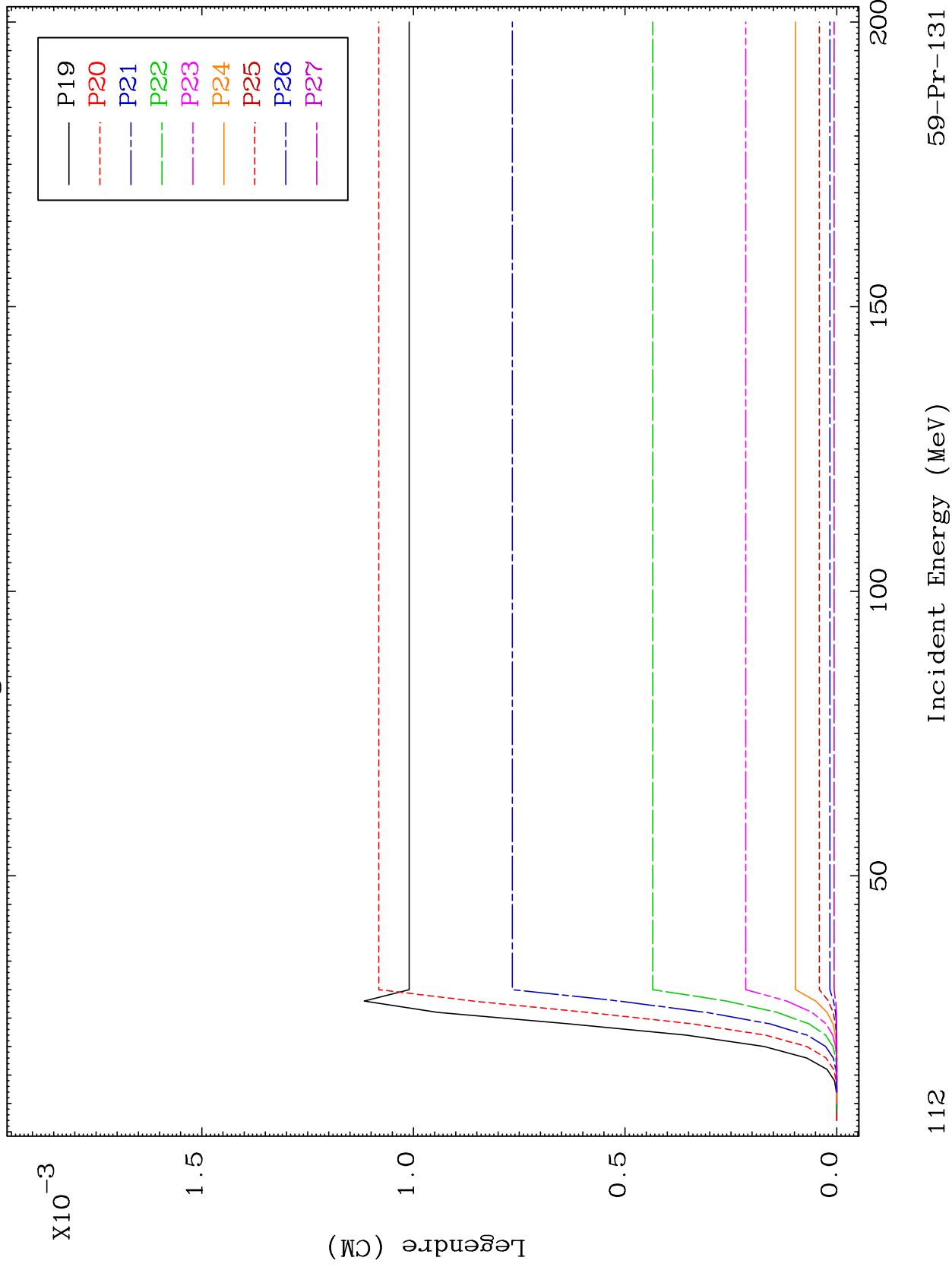
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131

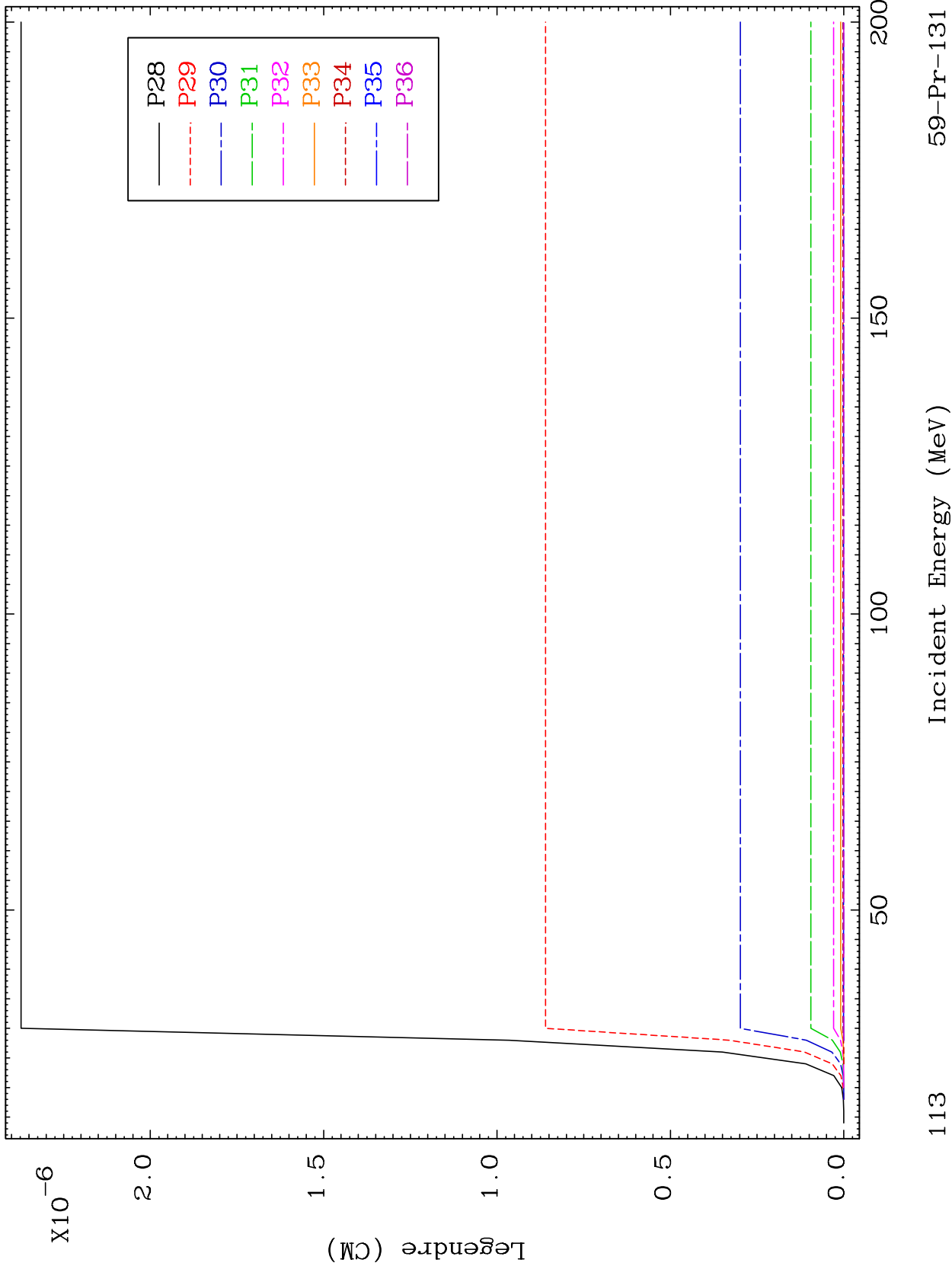


112

MAT 5895

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

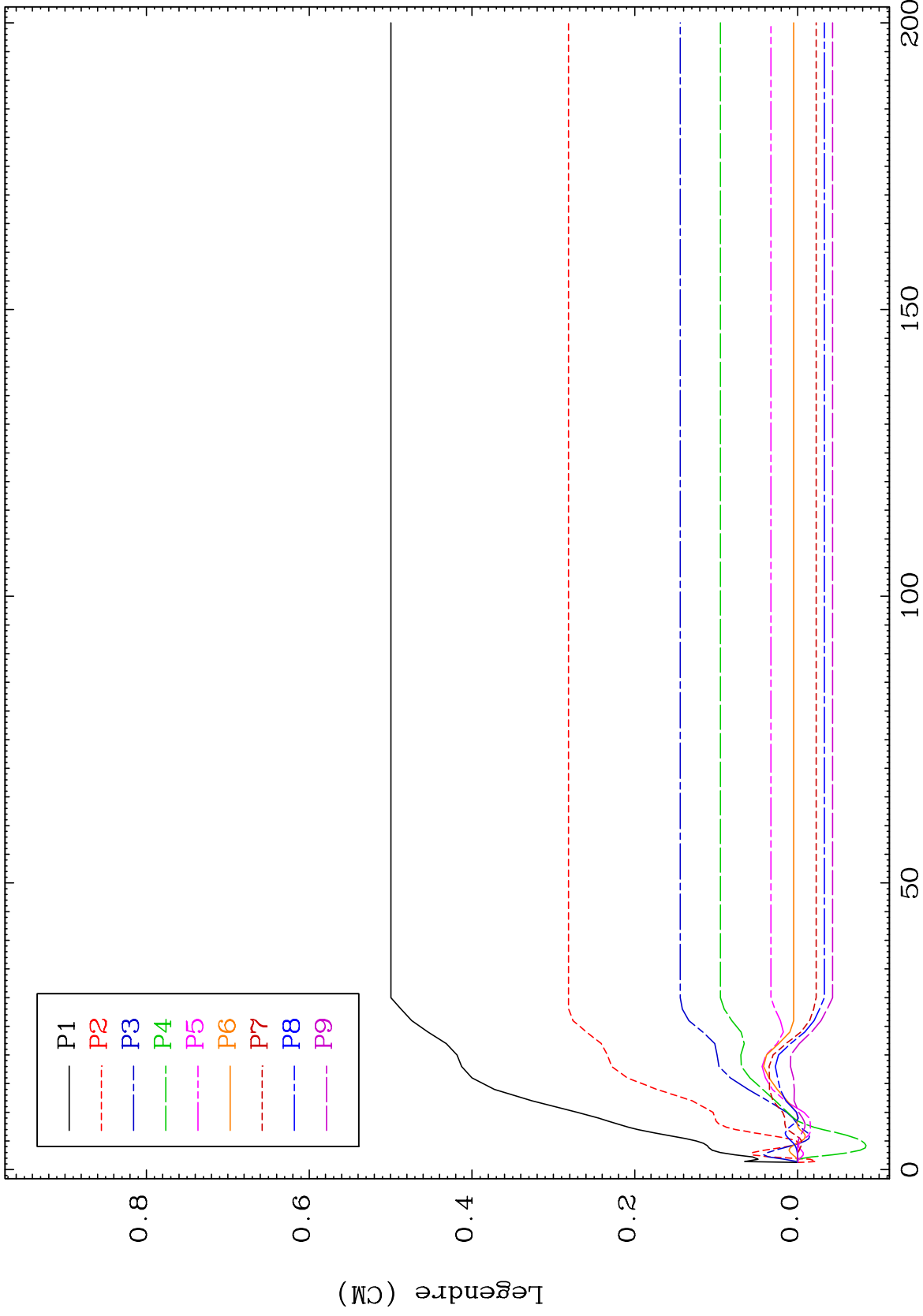
59-Pr-131



MAT 5895

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

59-Pr-131



114

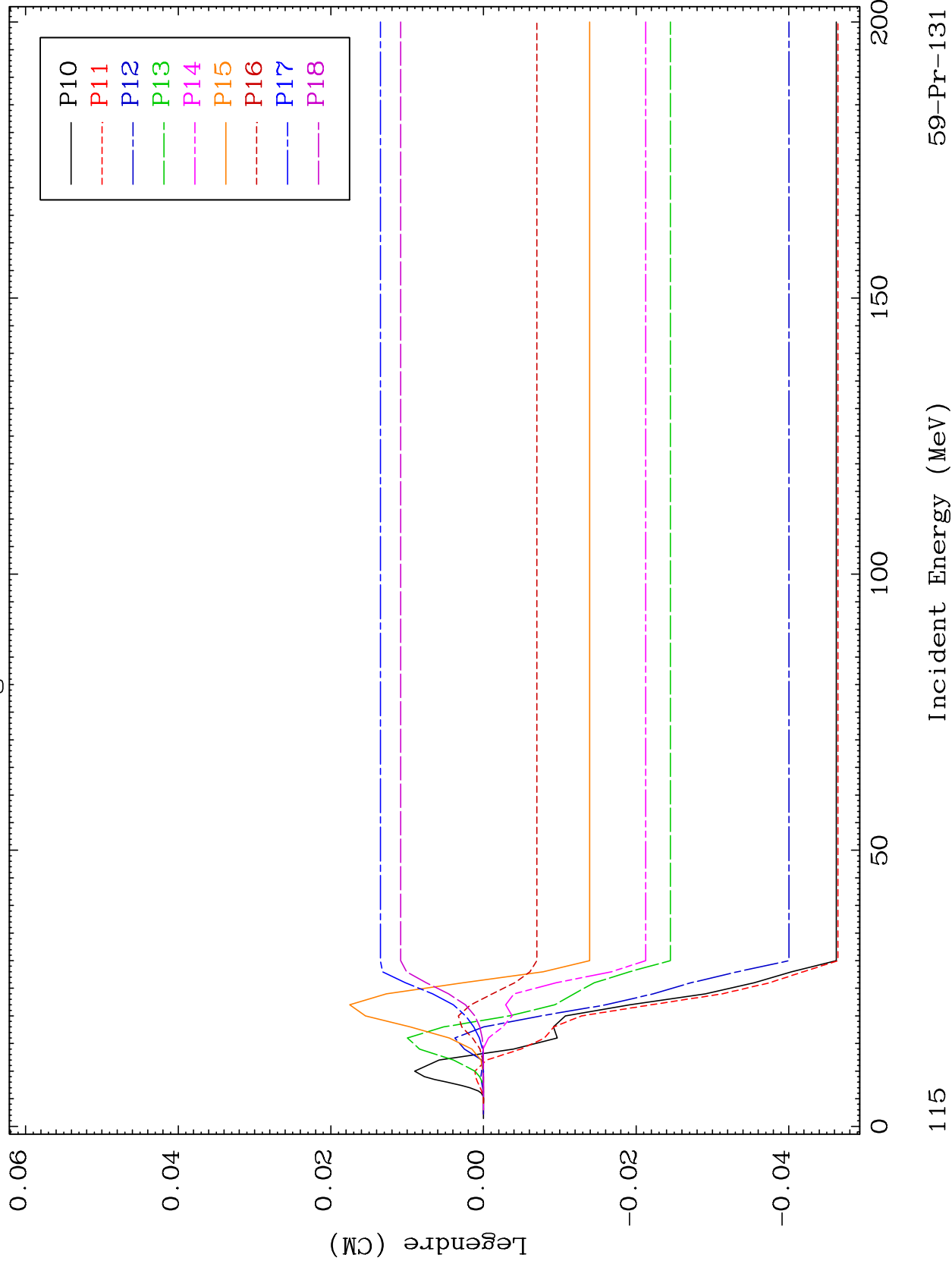
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

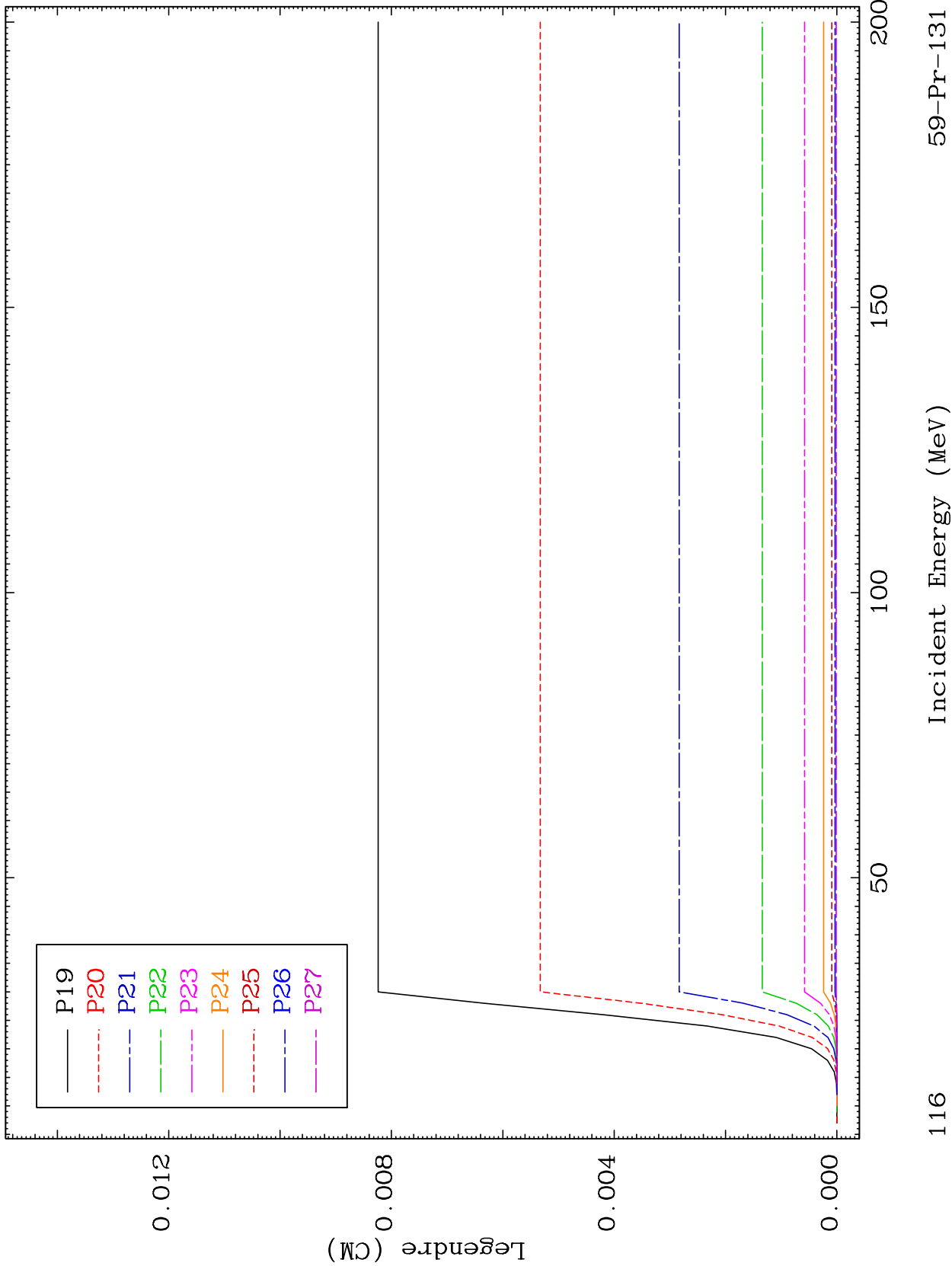
59-Pr-131



59-Pr-131

Incident Energy (MeV)

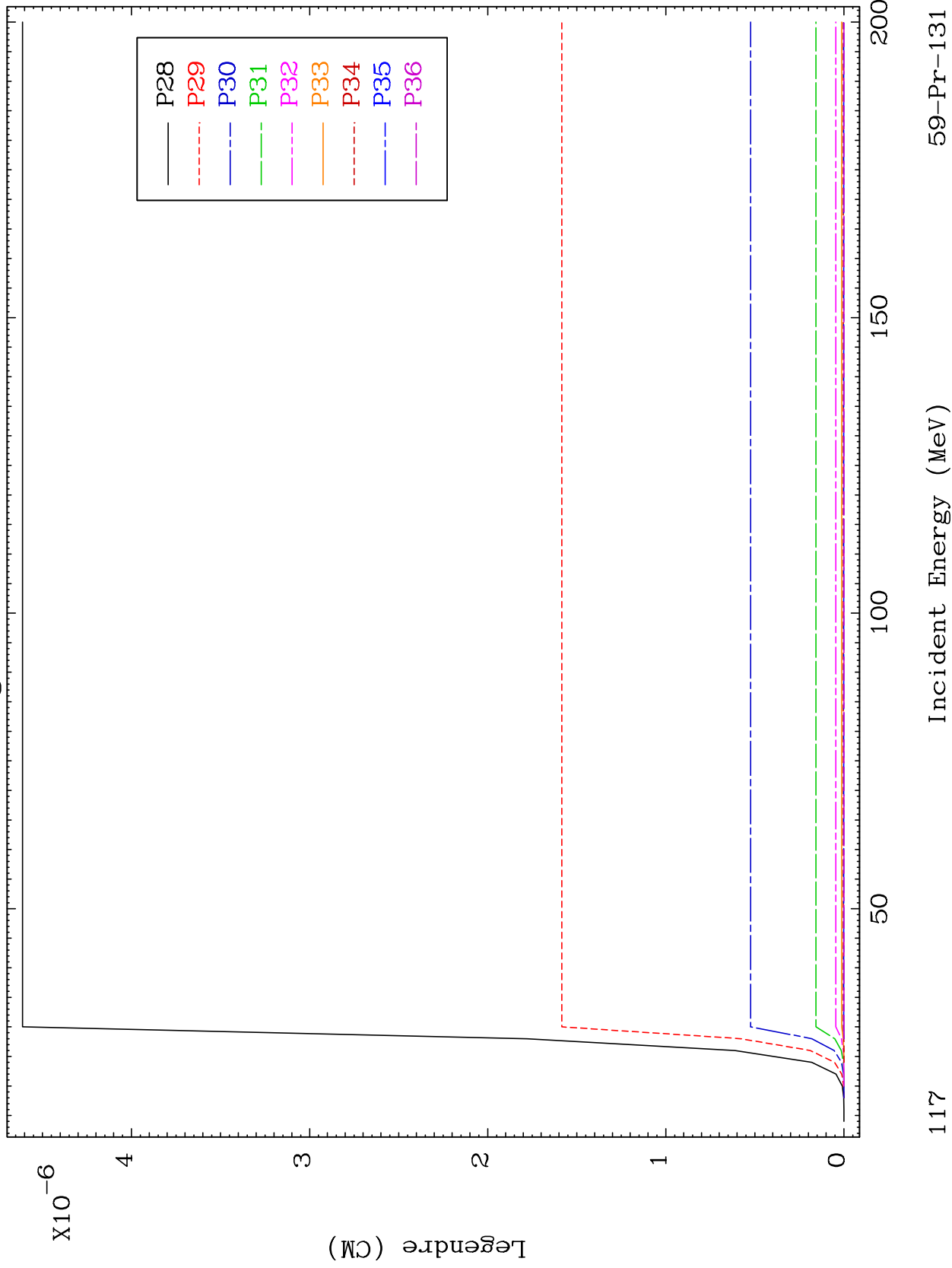
115



MAT 5895

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

59-Pr-131



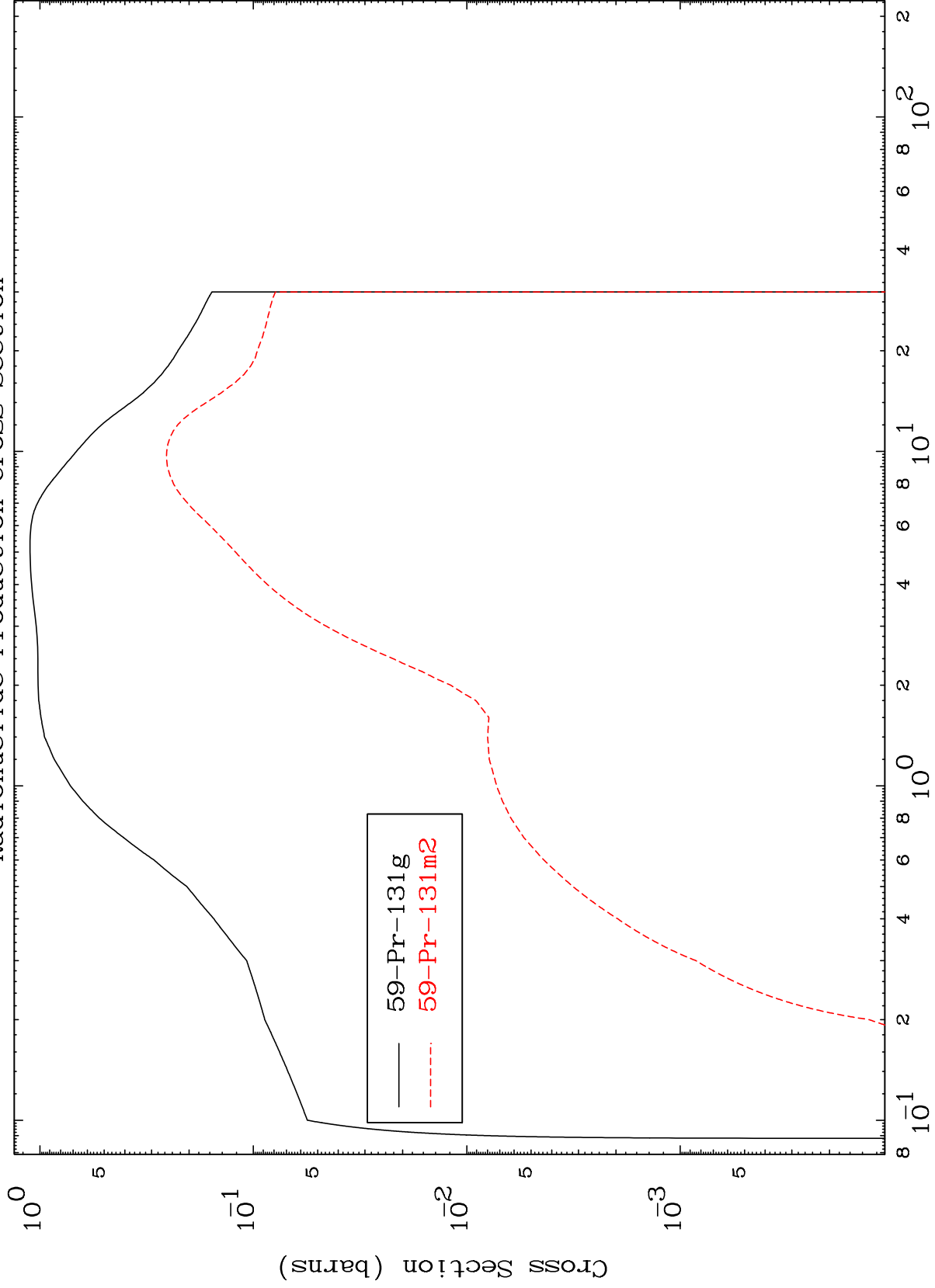
117

59-Pr-131

MAT 5895

59-Pr-131

Inelastic
Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-131

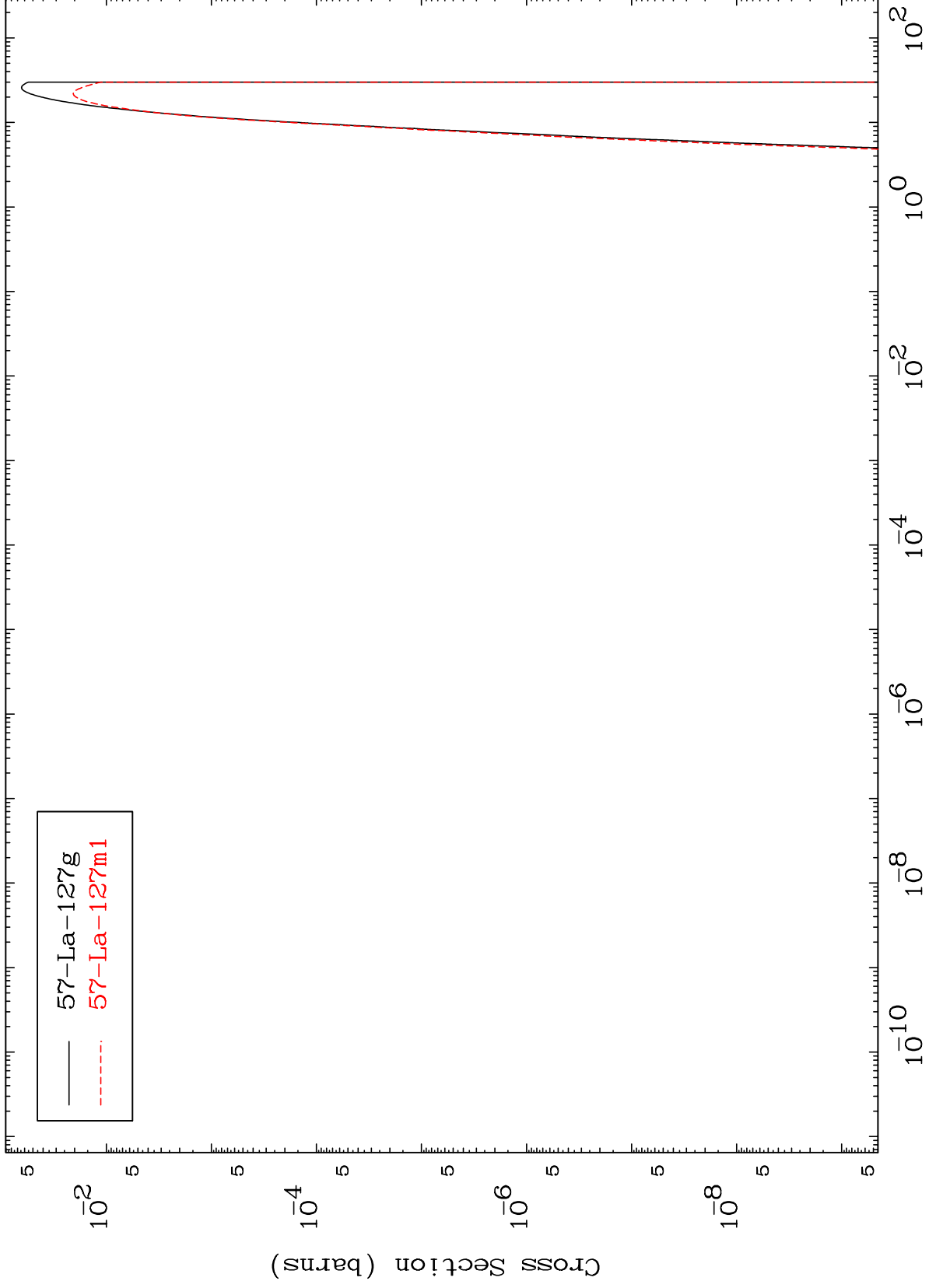
118

MAT 5895

(n,n') α

59-Pr-131

Radionuclide Production Cross Section

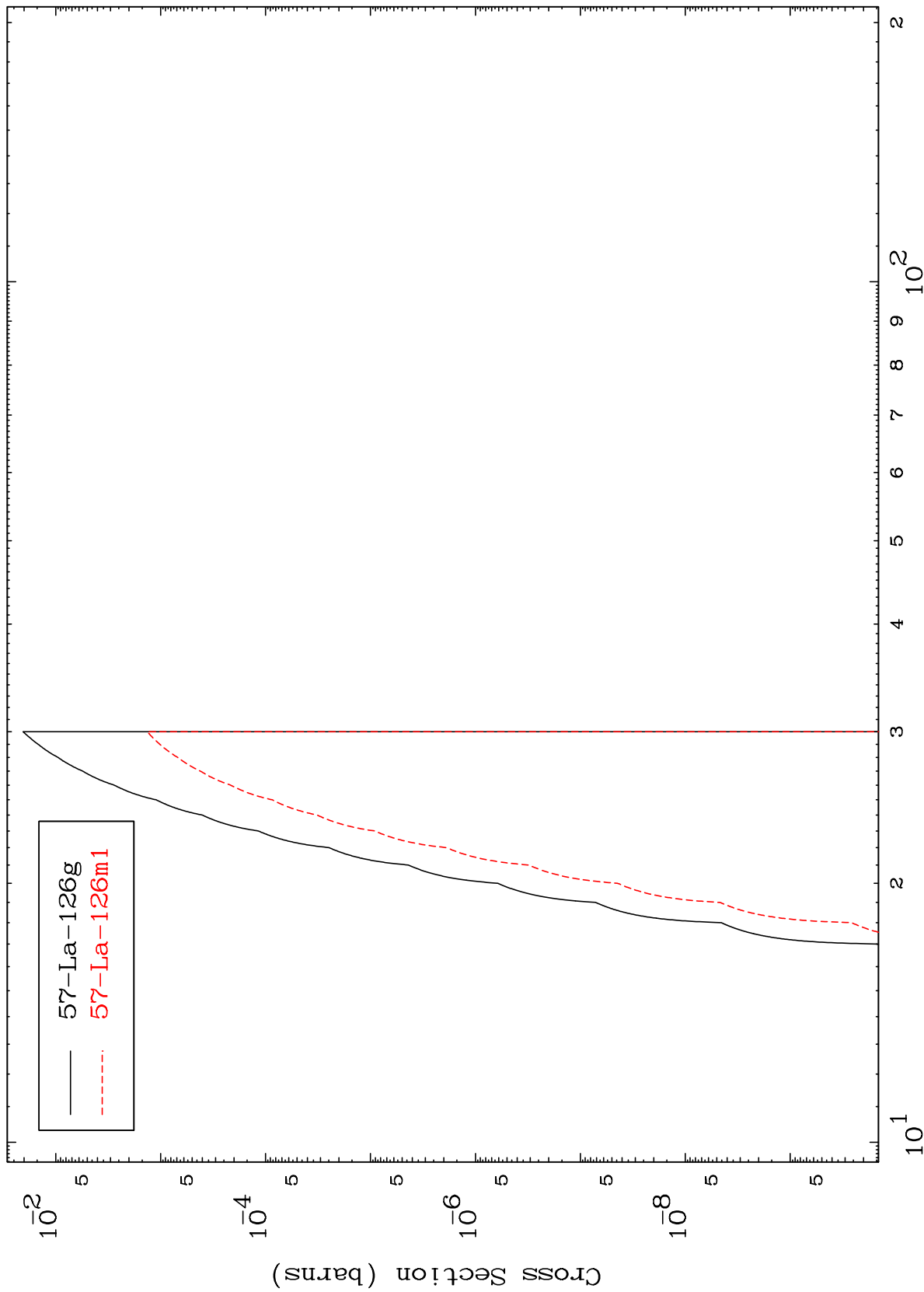


MAT 5895

(n,2n) α

59-Pr-131

Radionuclide Production Cross Section



Incident Energy (MeV)

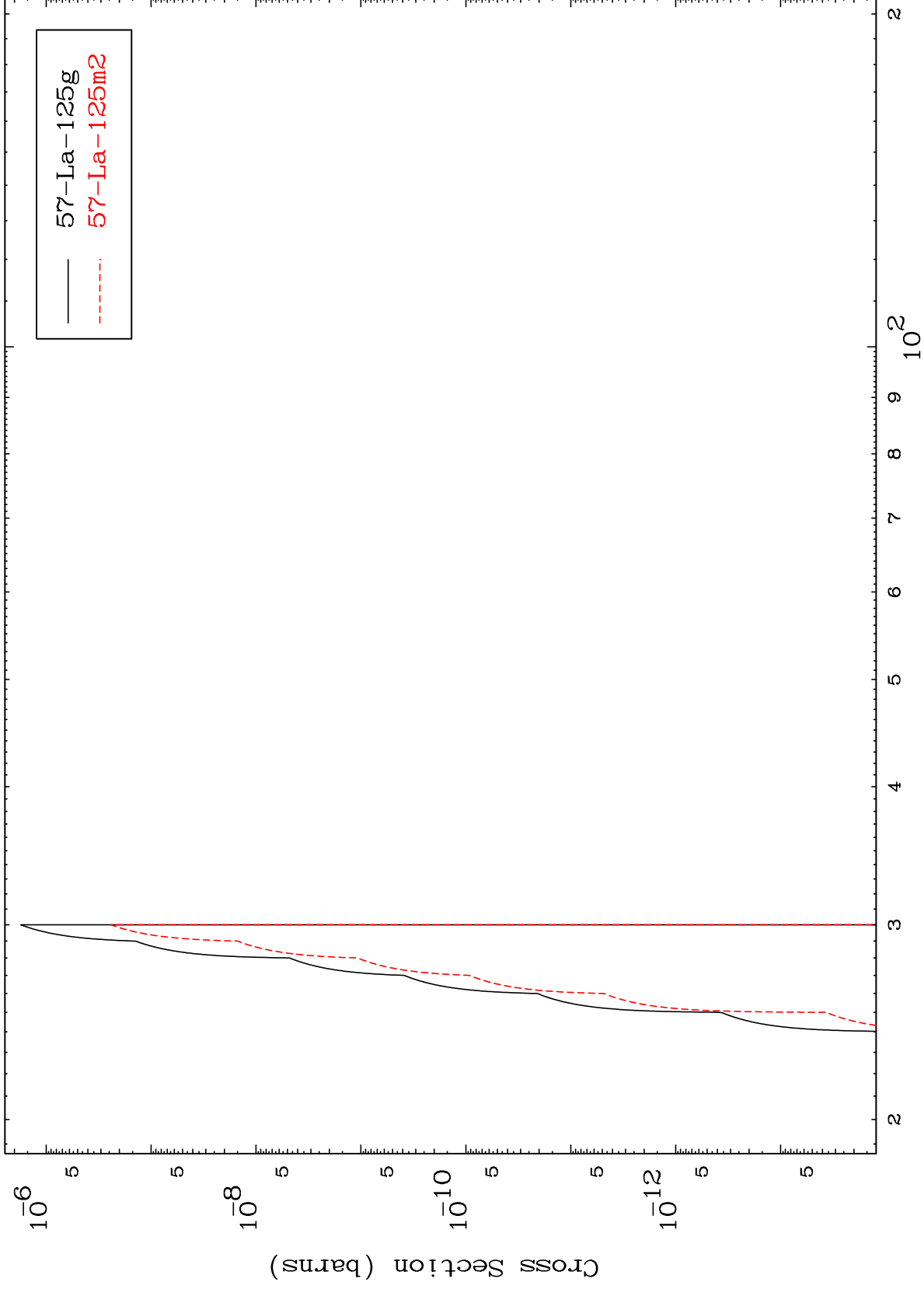
59-Pr-131

MAT 5895

(n,3n) α

59-Pr-131

Radionuclide Production Cross Section



121

Incident Energy (MeV)

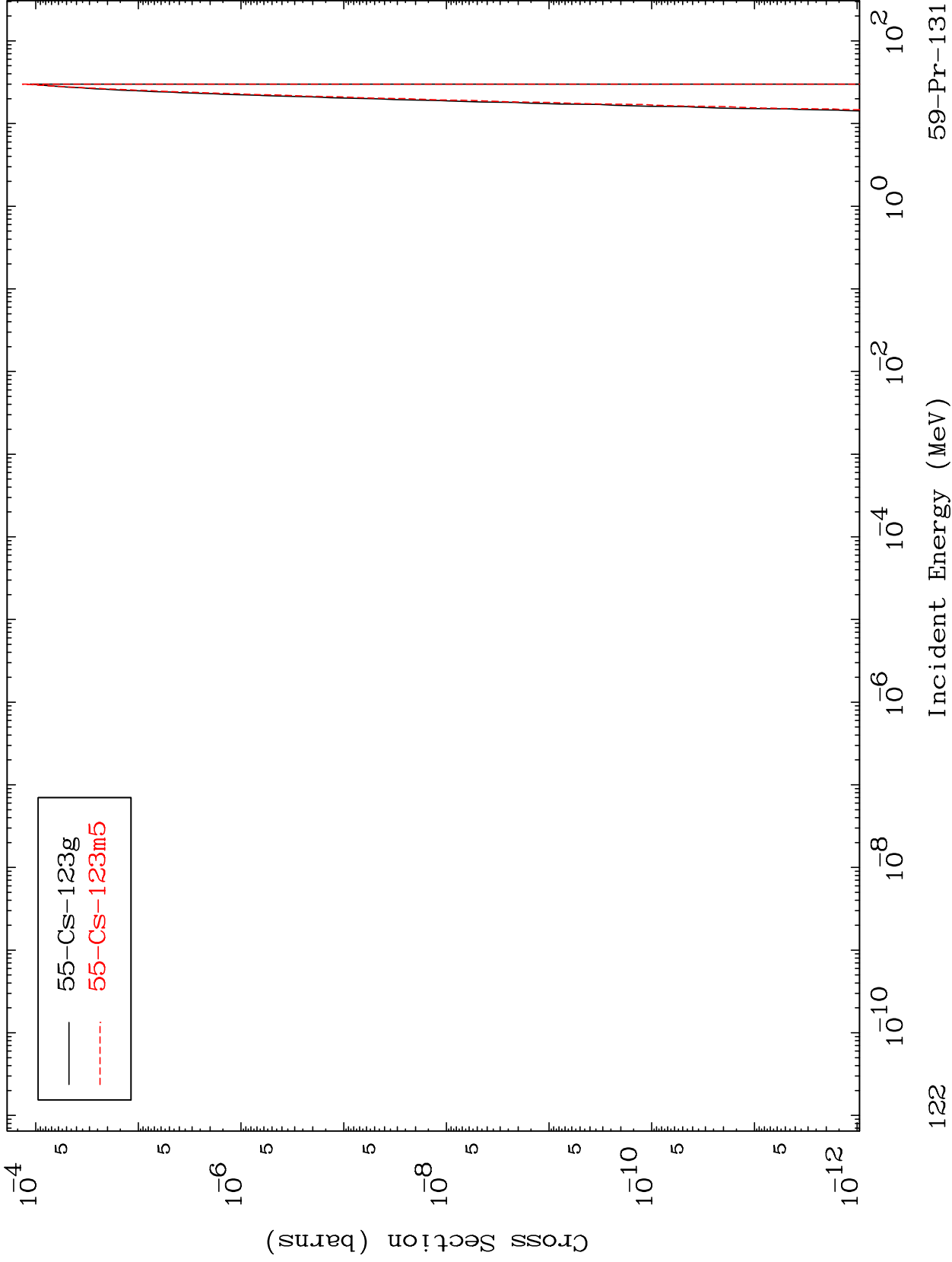
59-Pr-131

MAT 5895

(n,n') 2 α

59-Pr-131

Radionuclide Production Cross Section



122

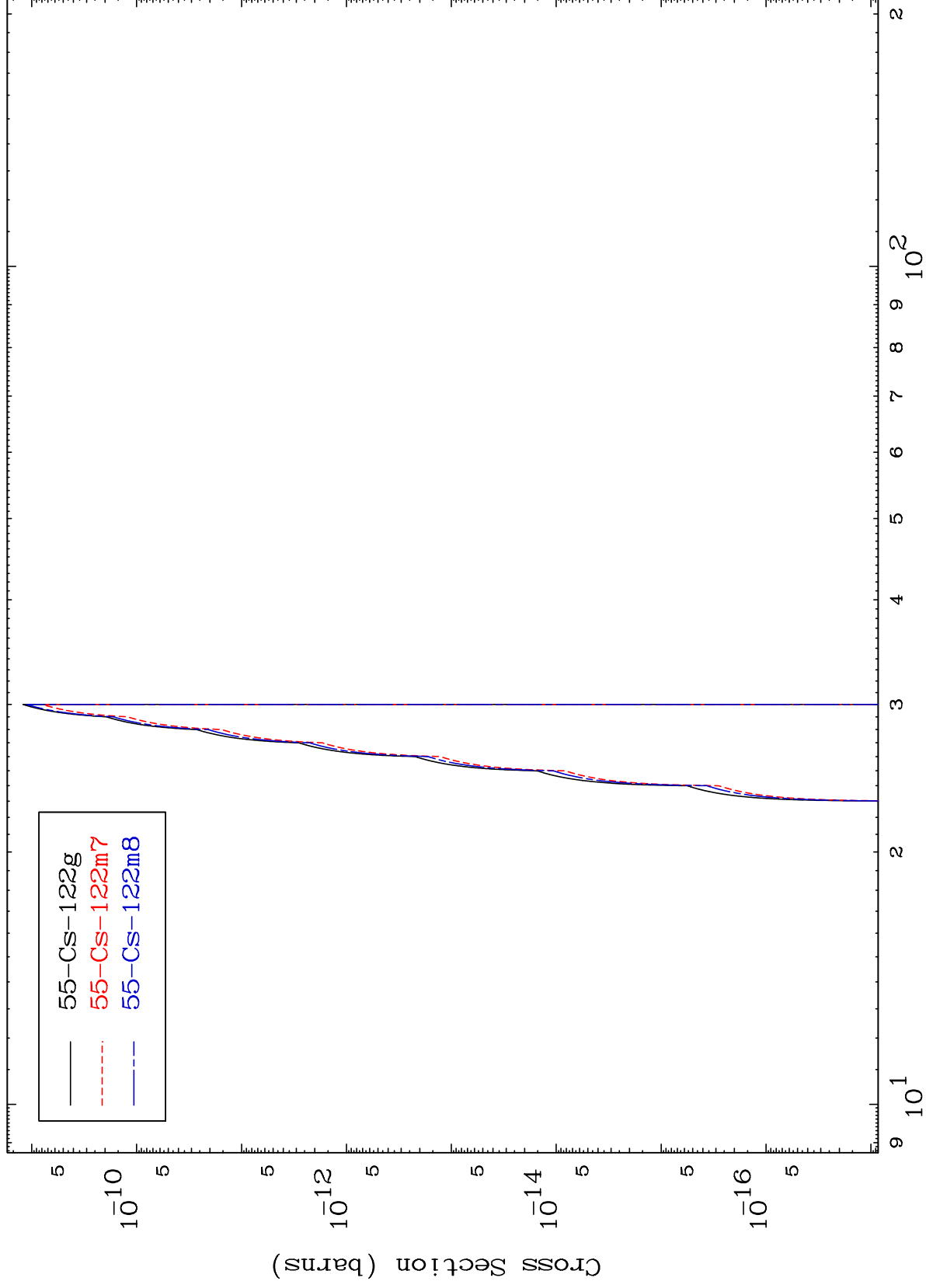
59-Pr-131

MAT 5895

(n,2n) 2α

59-Pr-131

Radionuclide Production Cross Section



123

Incident Energy (MeV)

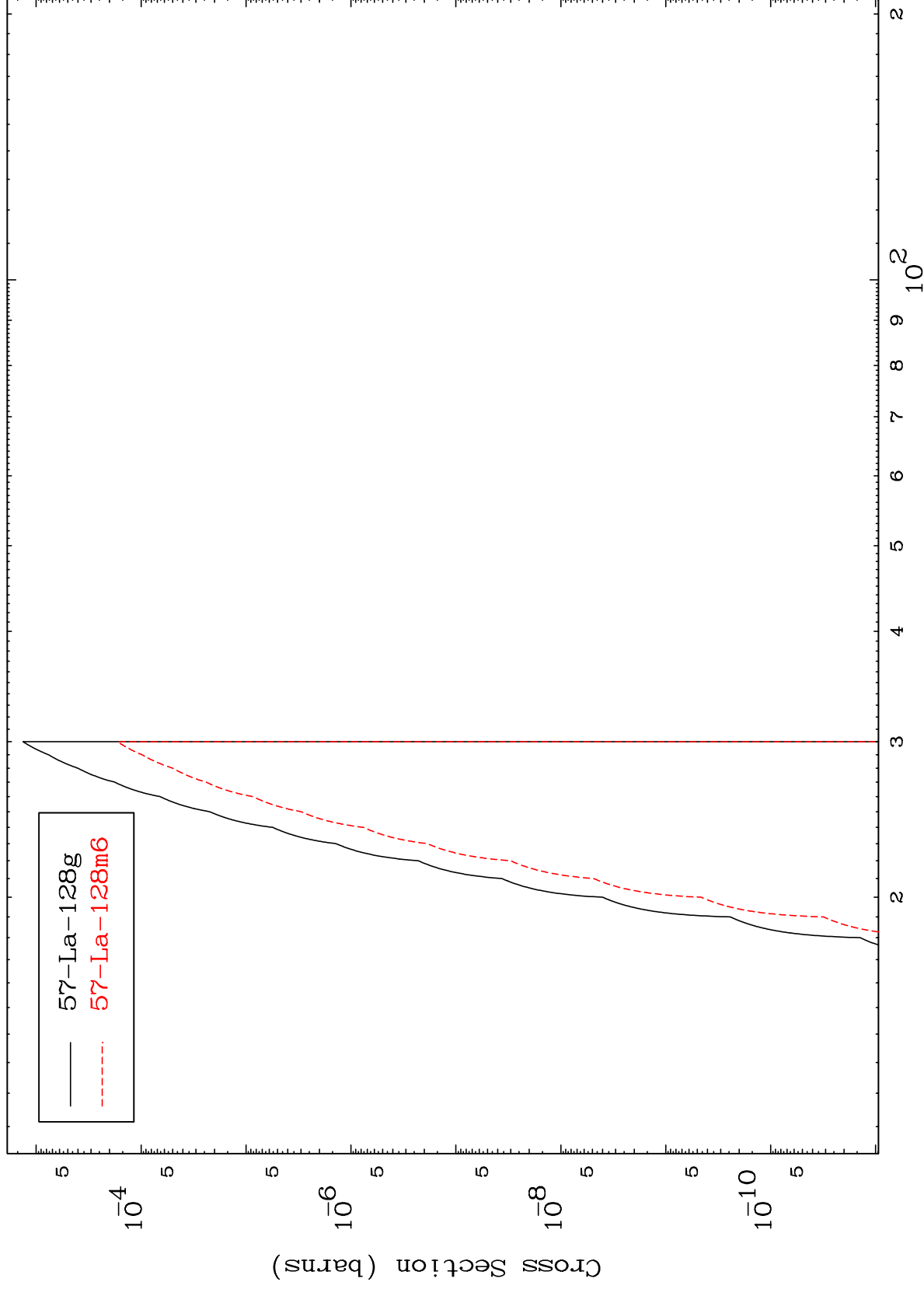
59-Pr-131

MAT 5895

(n,n') He-3

59-Pr-131

Radionuclide Production Cross Section



124

Incident Energy (MeV)

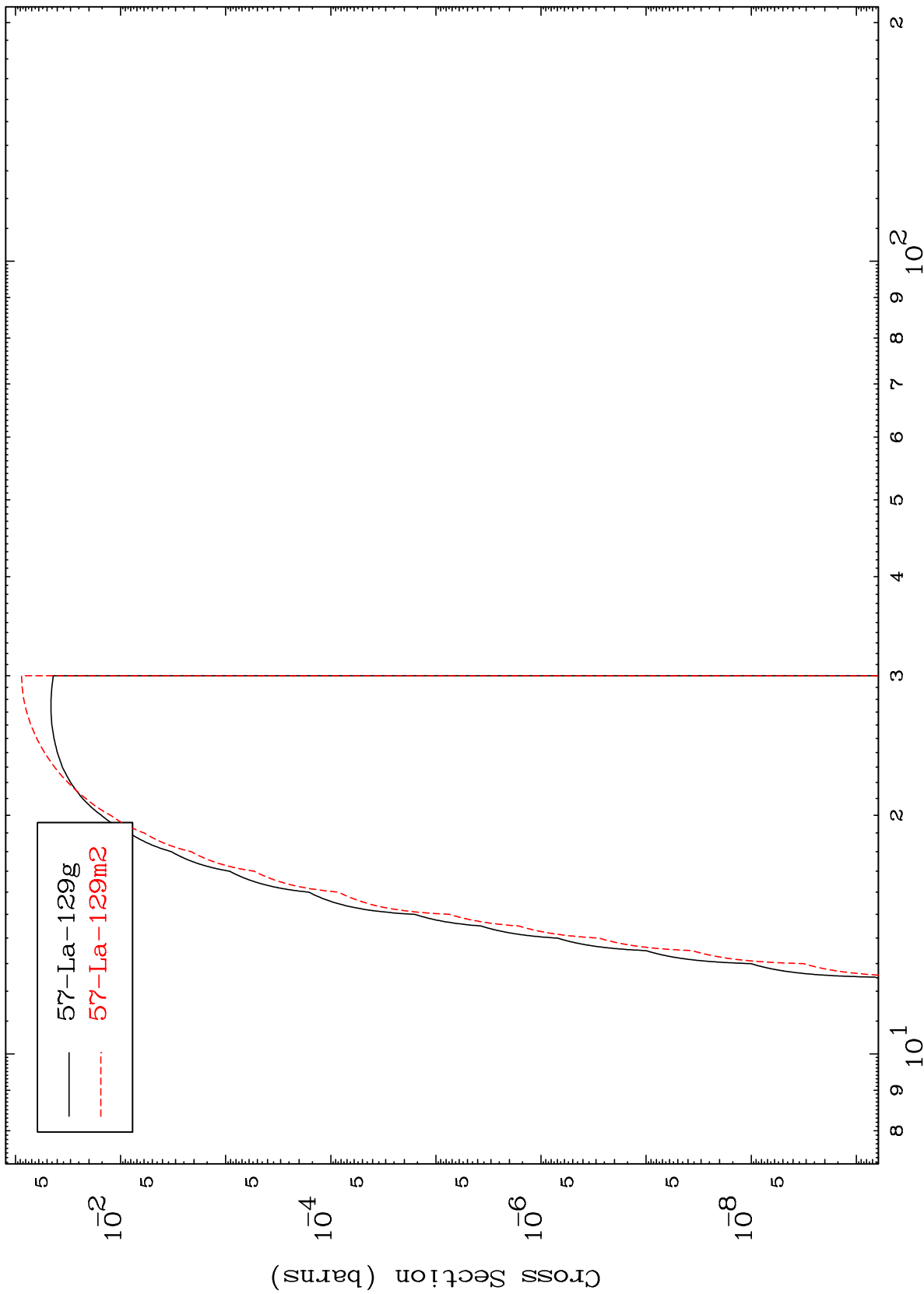
59-Pr-131

MAT 5895

(n,2n) p

59-Pr-131

Radionuclide Production Cross Section



57-La-129g
57-La-129m2

125

Incident Energy (MeV)

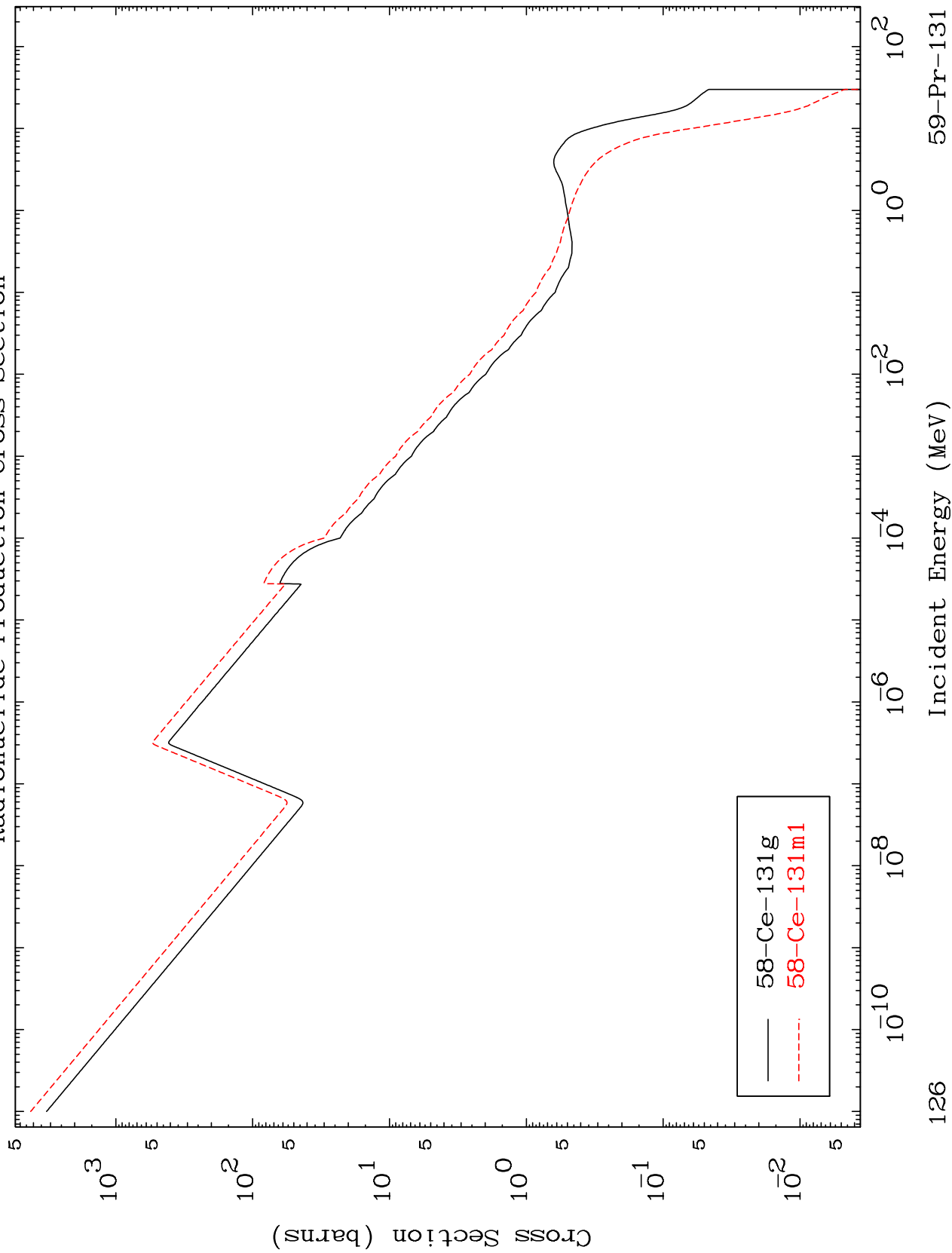
59-Pr-131

MAT 5895

59-Pr-131

Radionuclide Production Cross Section

(n,p)



126

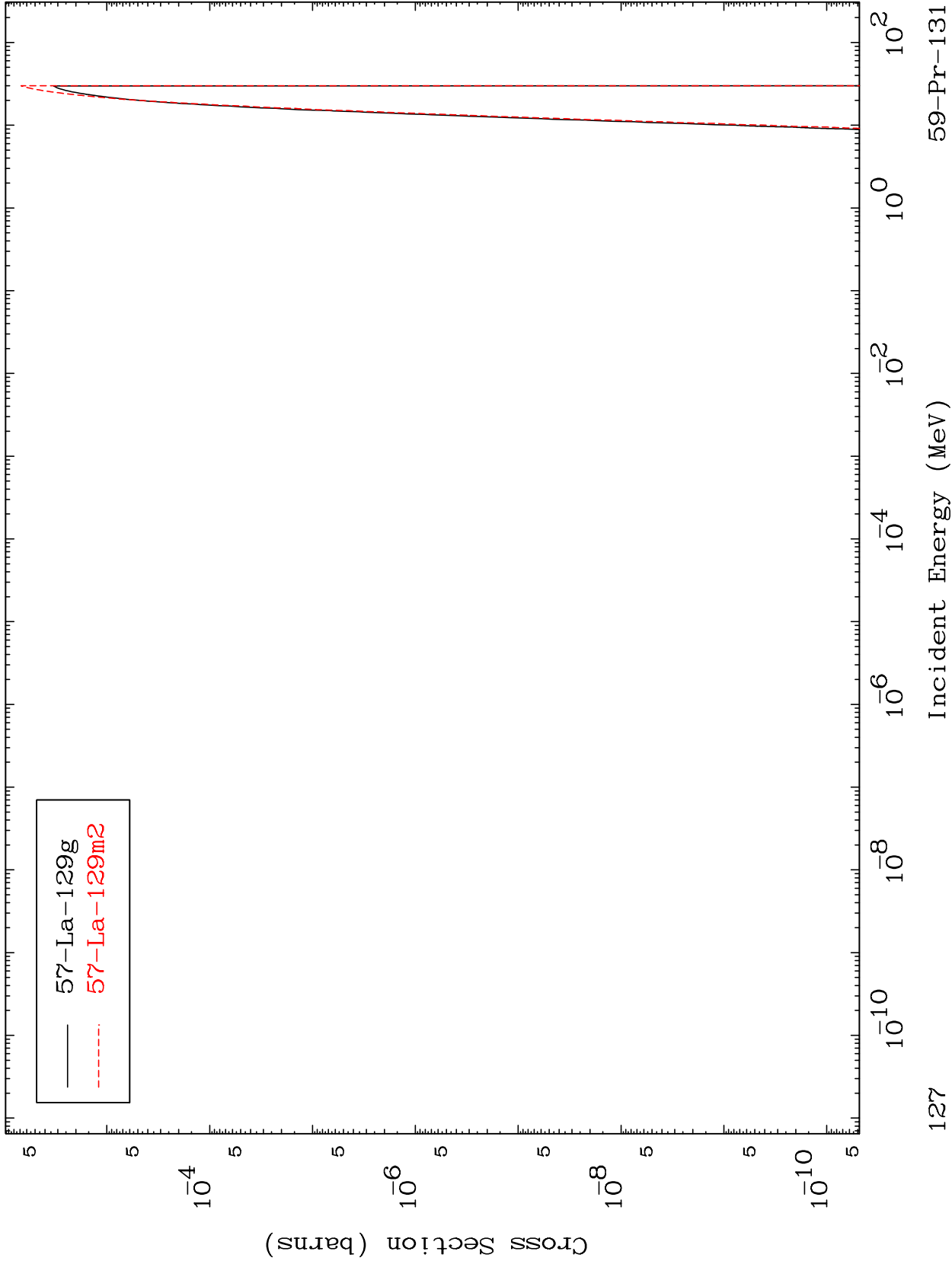
59-Pr-131

MAT 5895

(n,He-3)

59-Pr-131

Radionuclide Production Cross Section



127

Incident Energy (MeV)

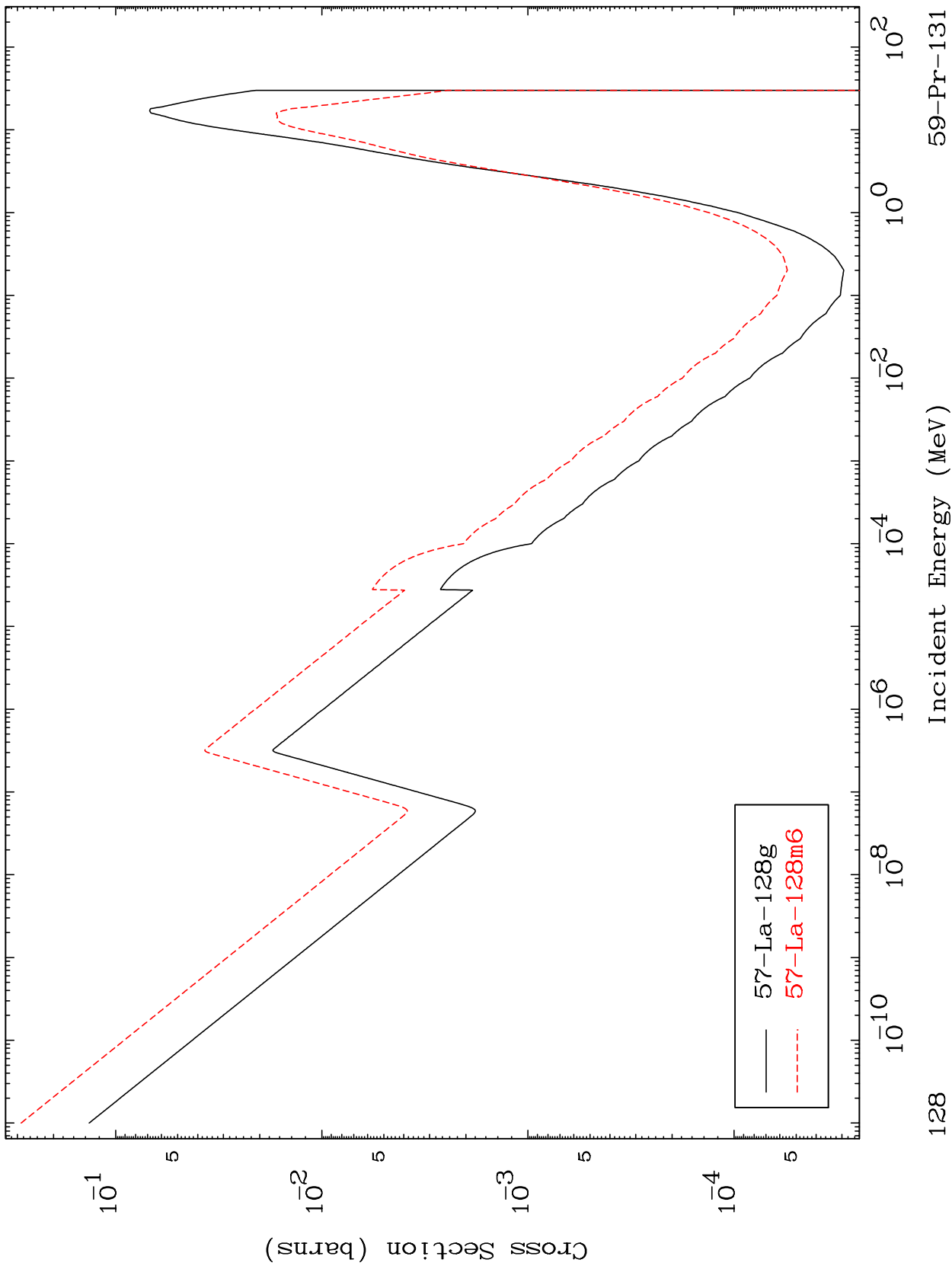
59-Pr-131

MAT 5895

(n, α)

59-Pr-131

Radionuclide Production Cross Section

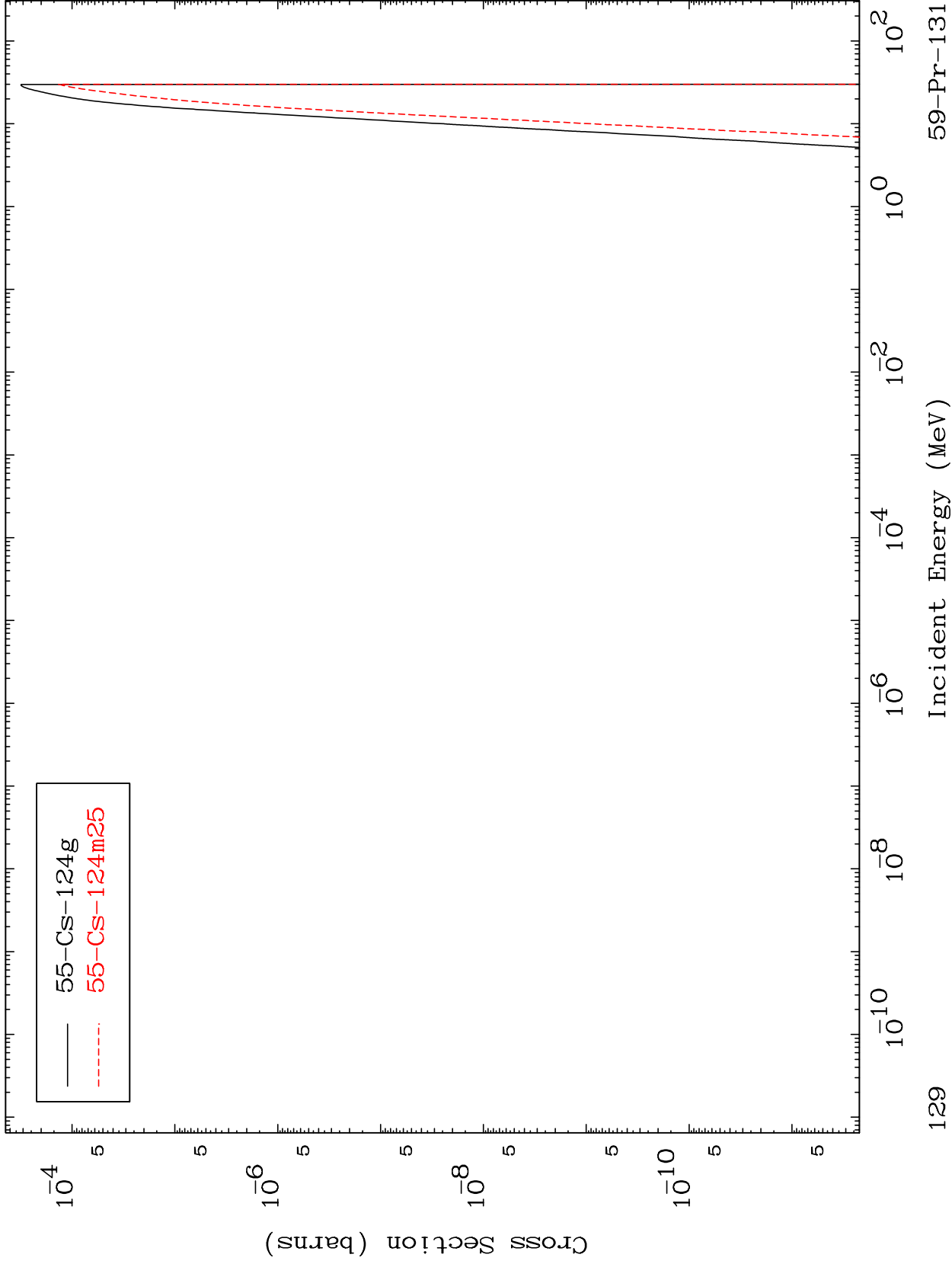


MAT 5895

(n,2α)

59-Pr-131

Radionuclide Production Cross Section

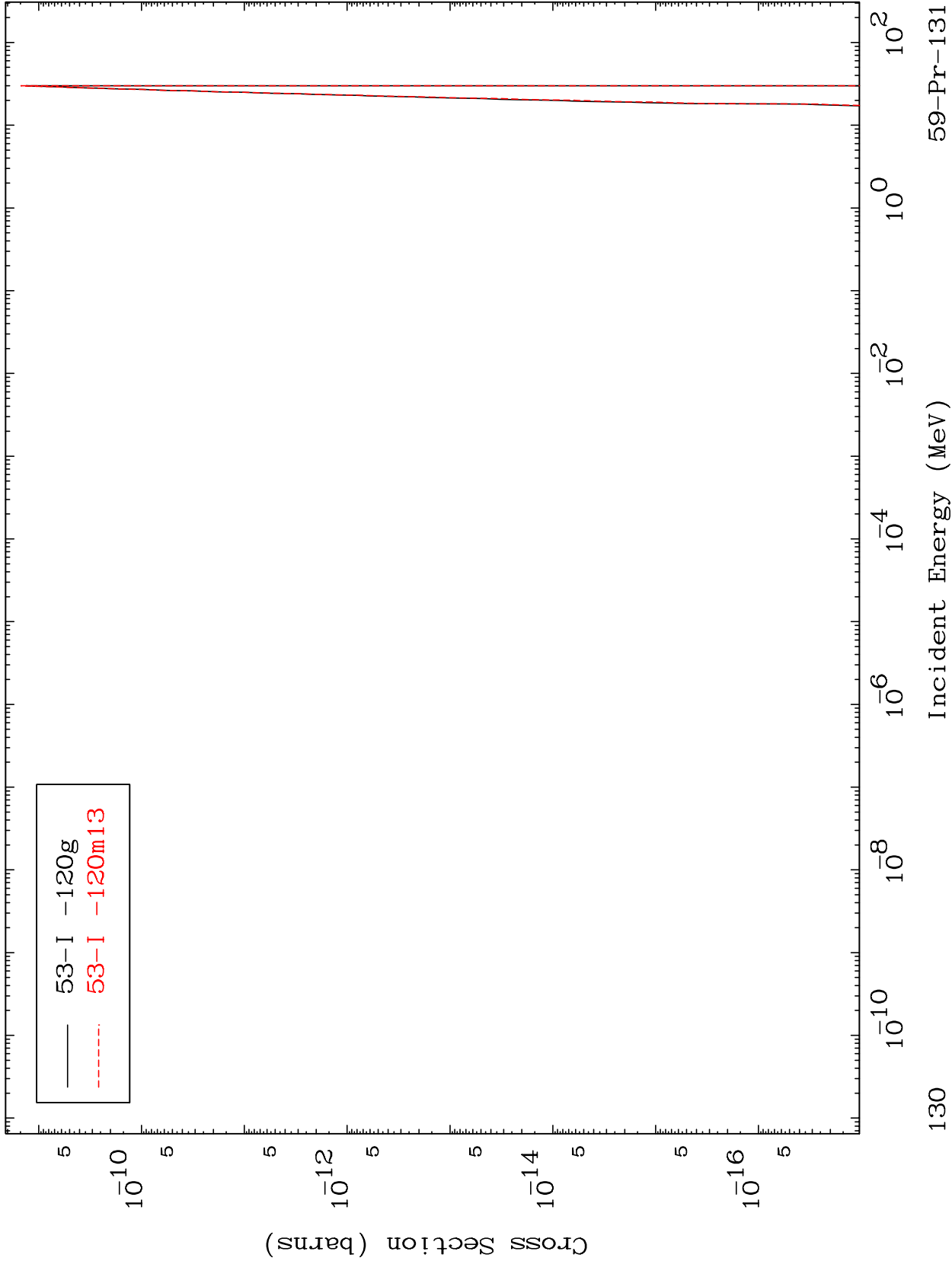


MAT 5895

(n,3α)

59-Pr-131

Radionuclide Production Cross Section



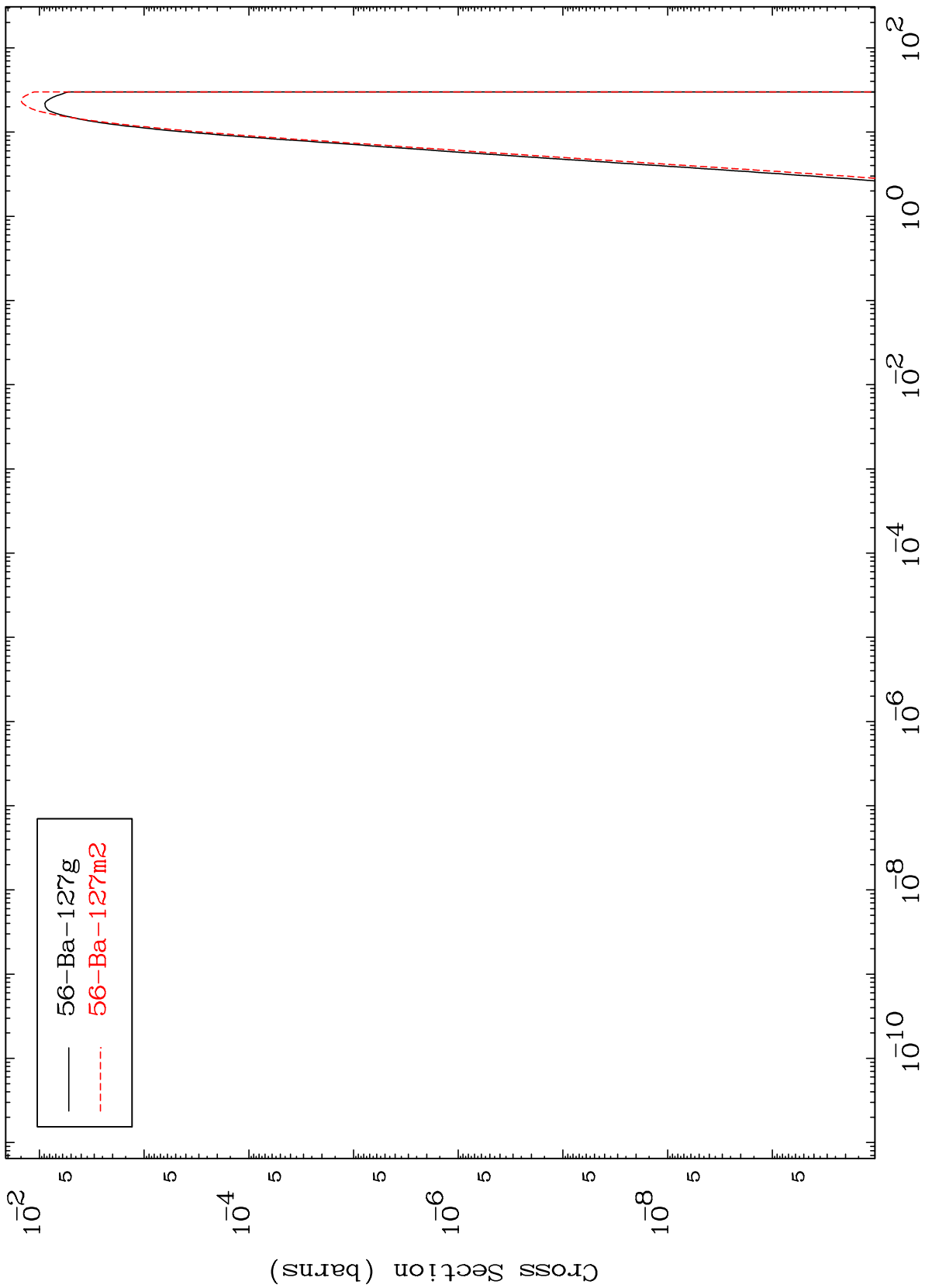
53-I -120g
53-I -120m13

MAT 5895

(n,p) α

59-Pr-131

Radionuclide Production Cross Section

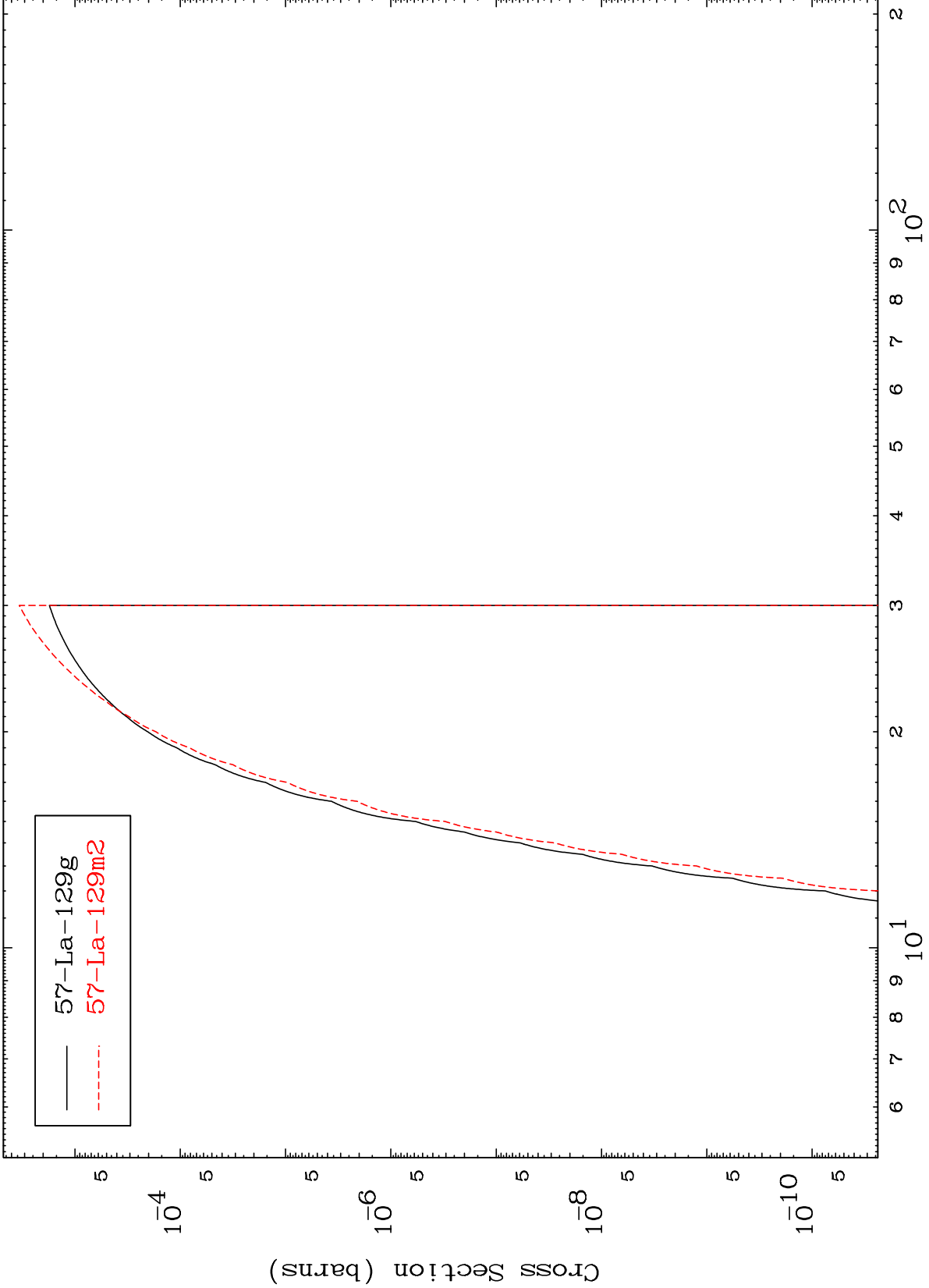


56-Ba-127g
56-Ba-127m2

131

59-Pr-131

Radionuclide Production Cross Section

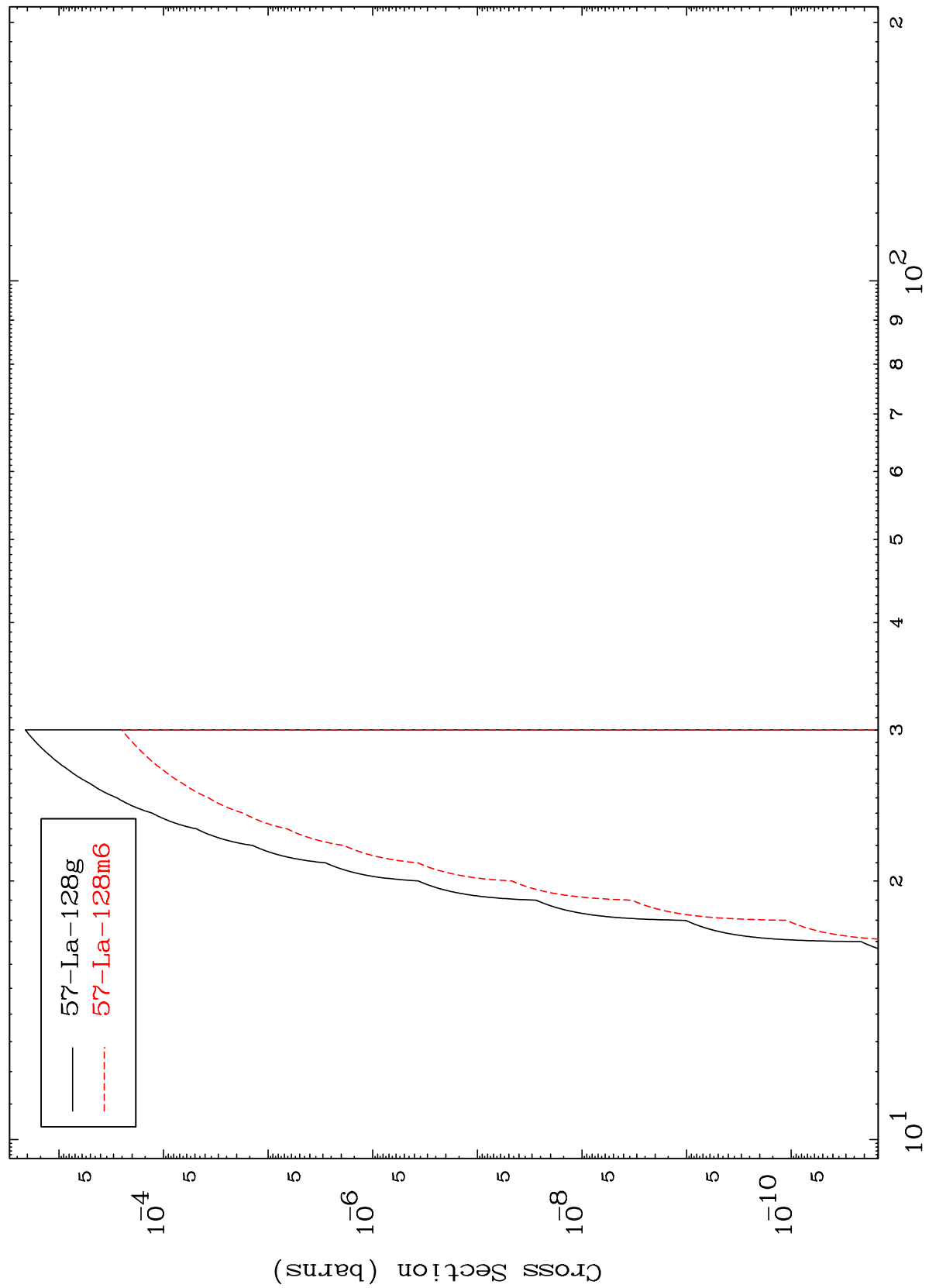


MAT 5895

(n,p) t

59-Pr-131

Radionuclide Production Cross Section



57-La-128g
57-La-128m6

Incident Energy (MeV)

59-Pr-131

133