

Program EVALPLOT
(Version 2018-1)

by

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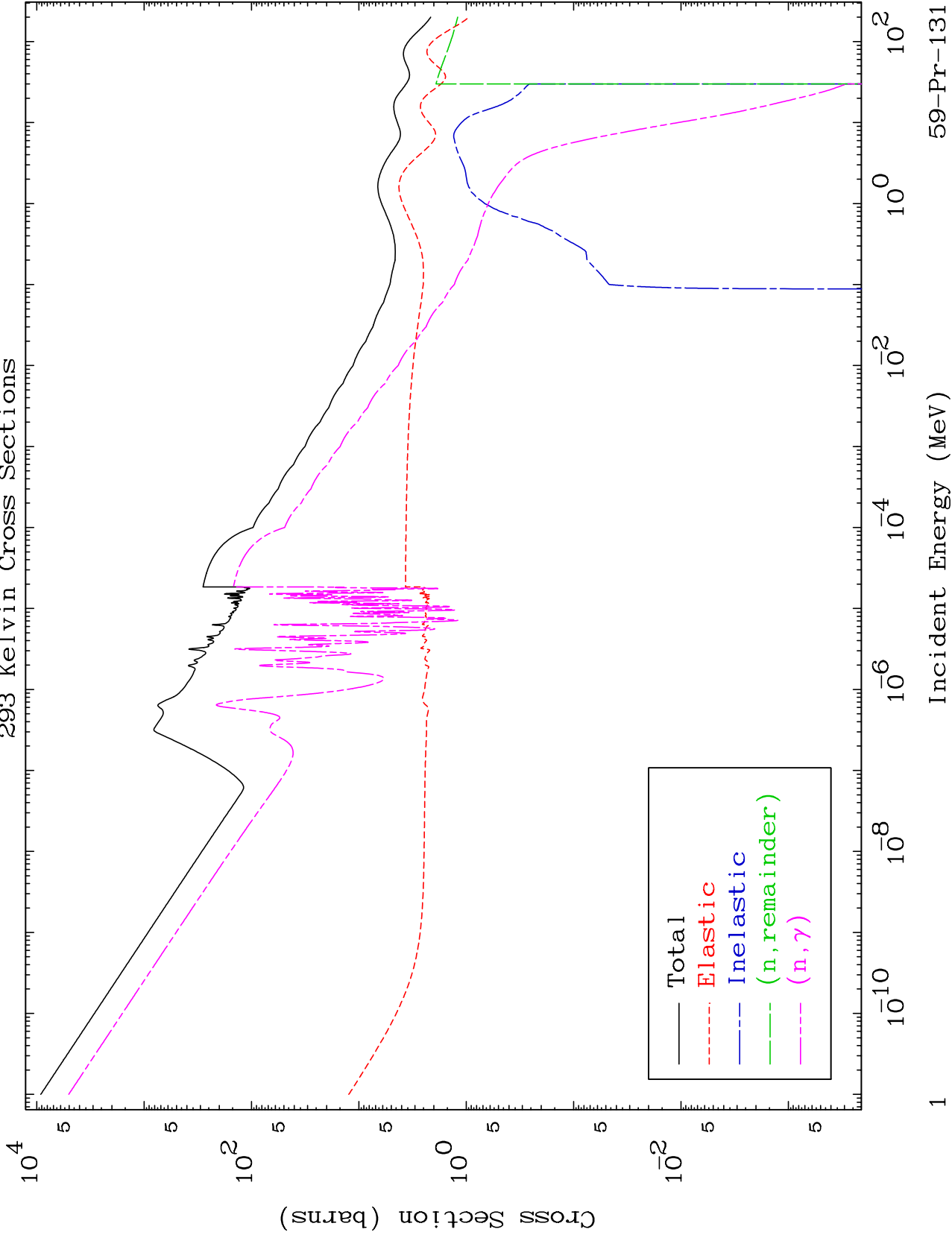
Press Mouse Button to Start

MAT 5895

Major

293 Kelvin Cross Sections

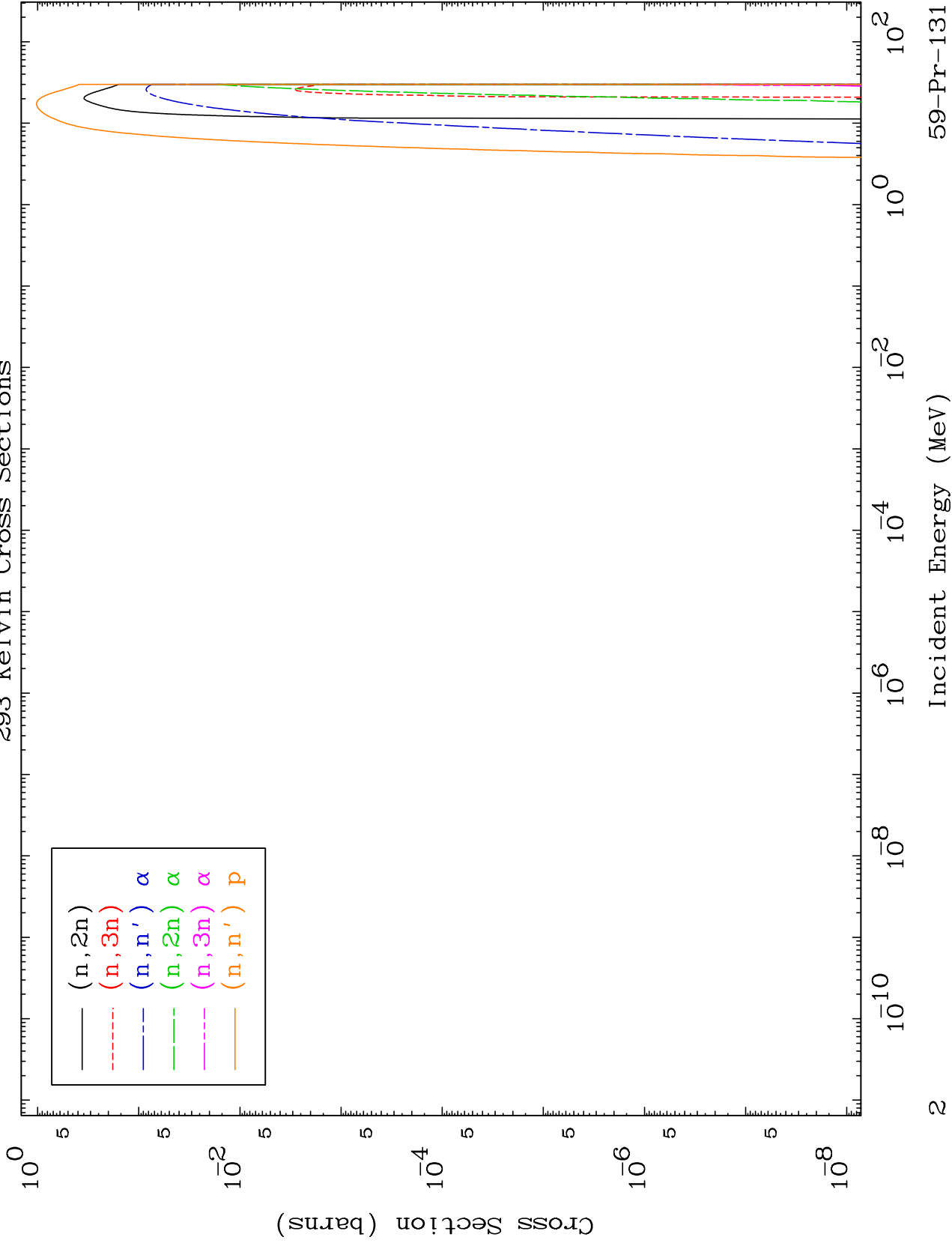
59-Pr-131



MAT 5895

Neutron Production
293 Kelvin Cross Sections

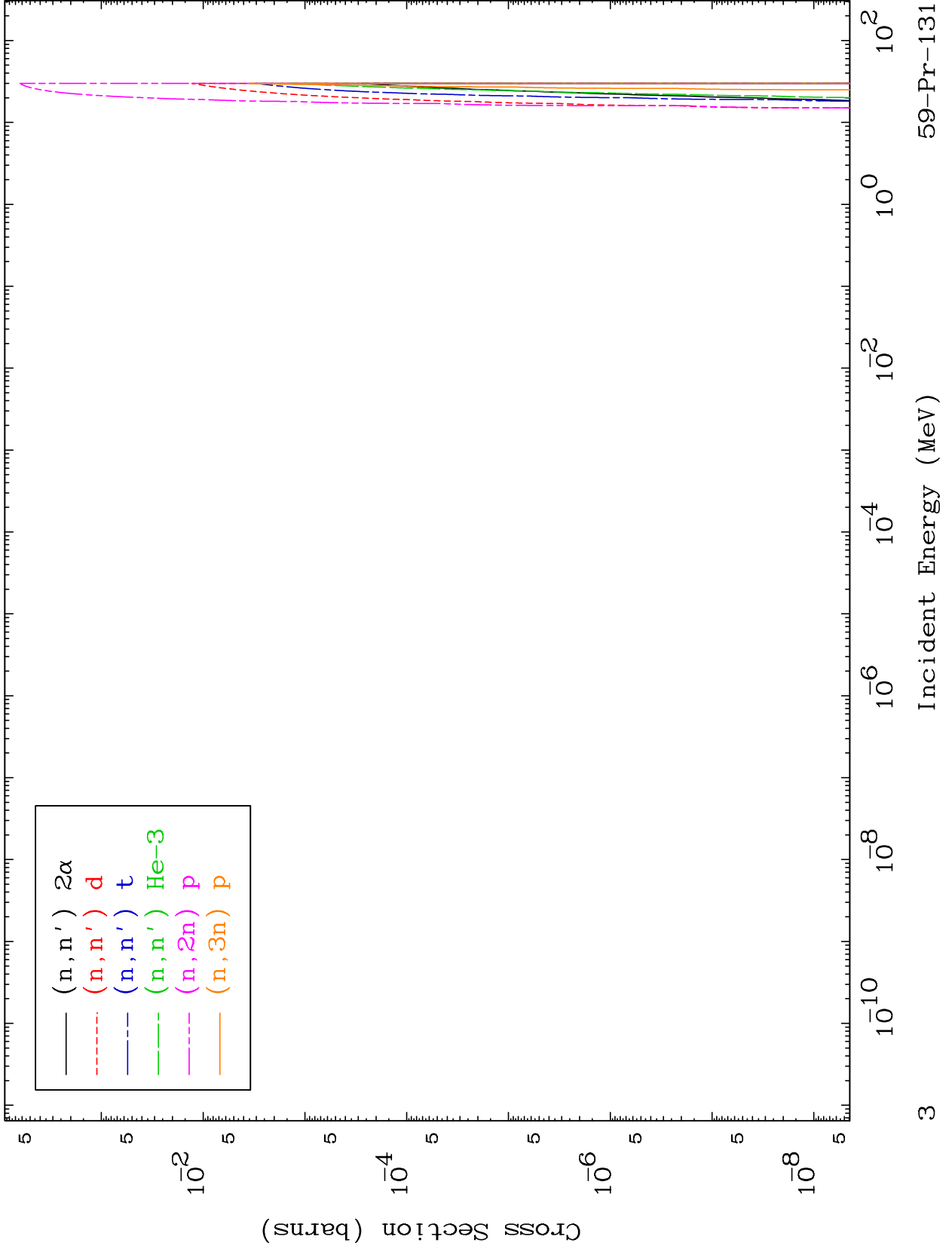
59-Pr-131



MAT 5895

Neutron Production
293 Kelvin Cross Sections

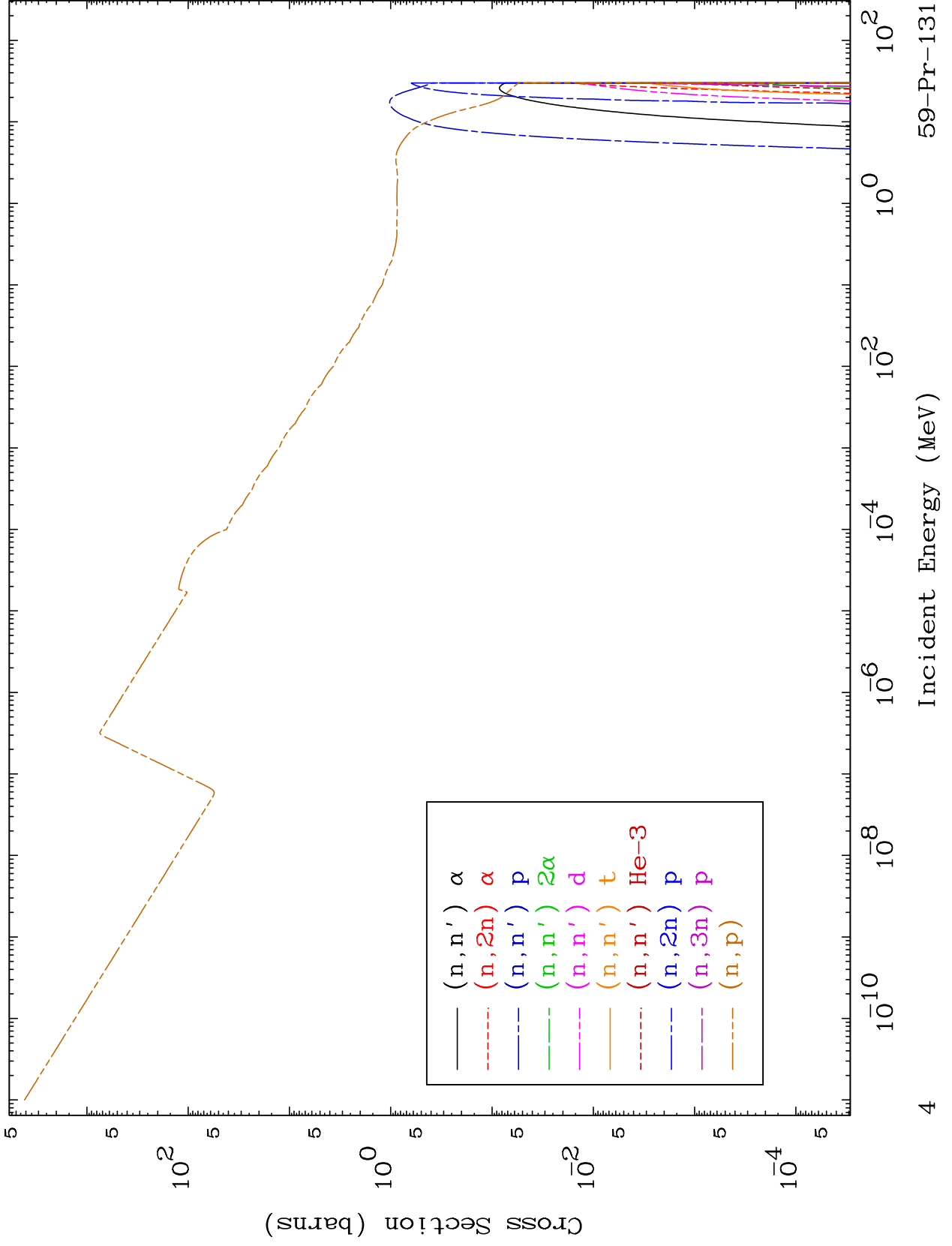
59-Pr-131



MAT 5895

Charged Particle
293 Kelvin Cross Sections

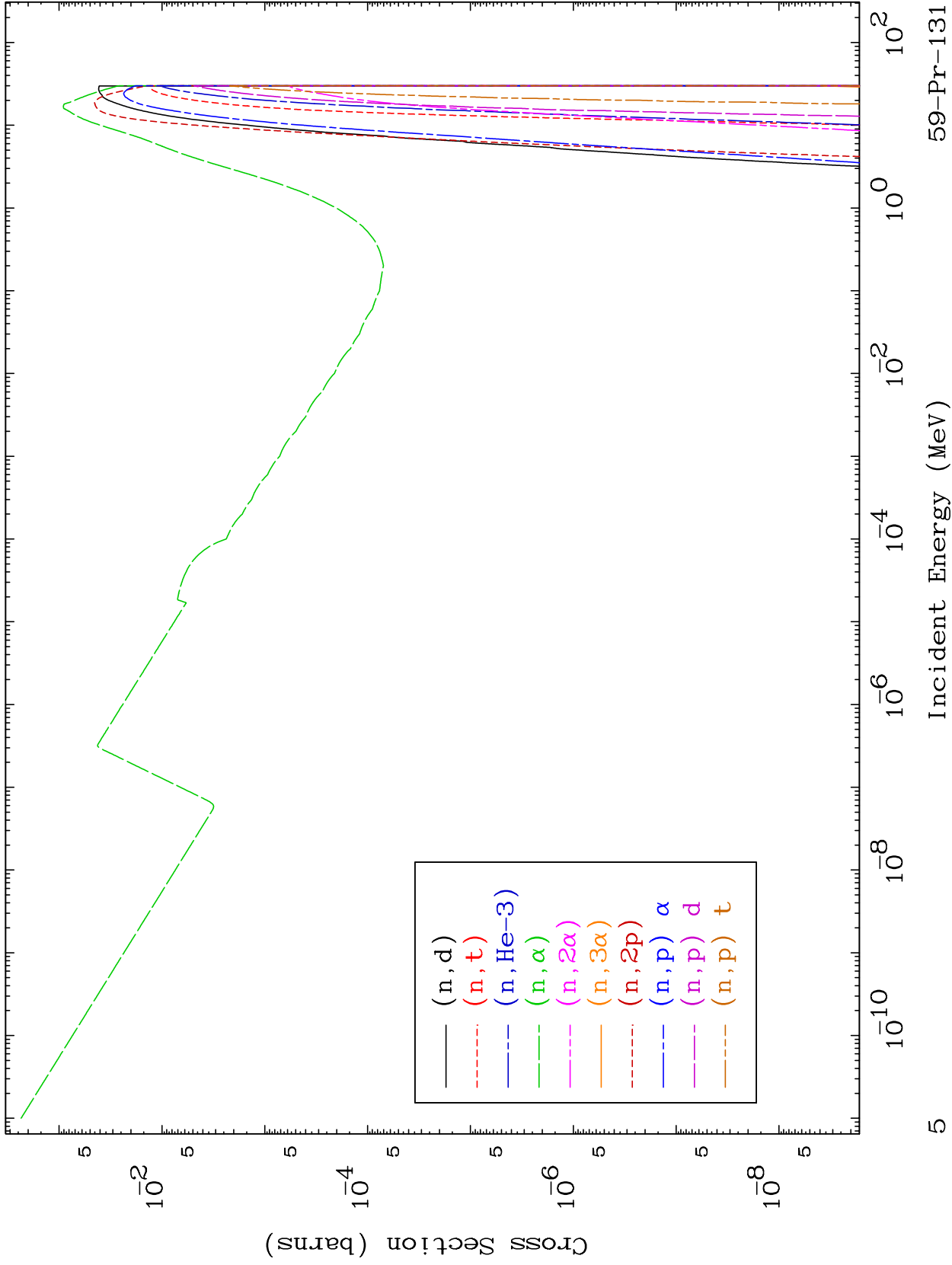
59-Pr-131

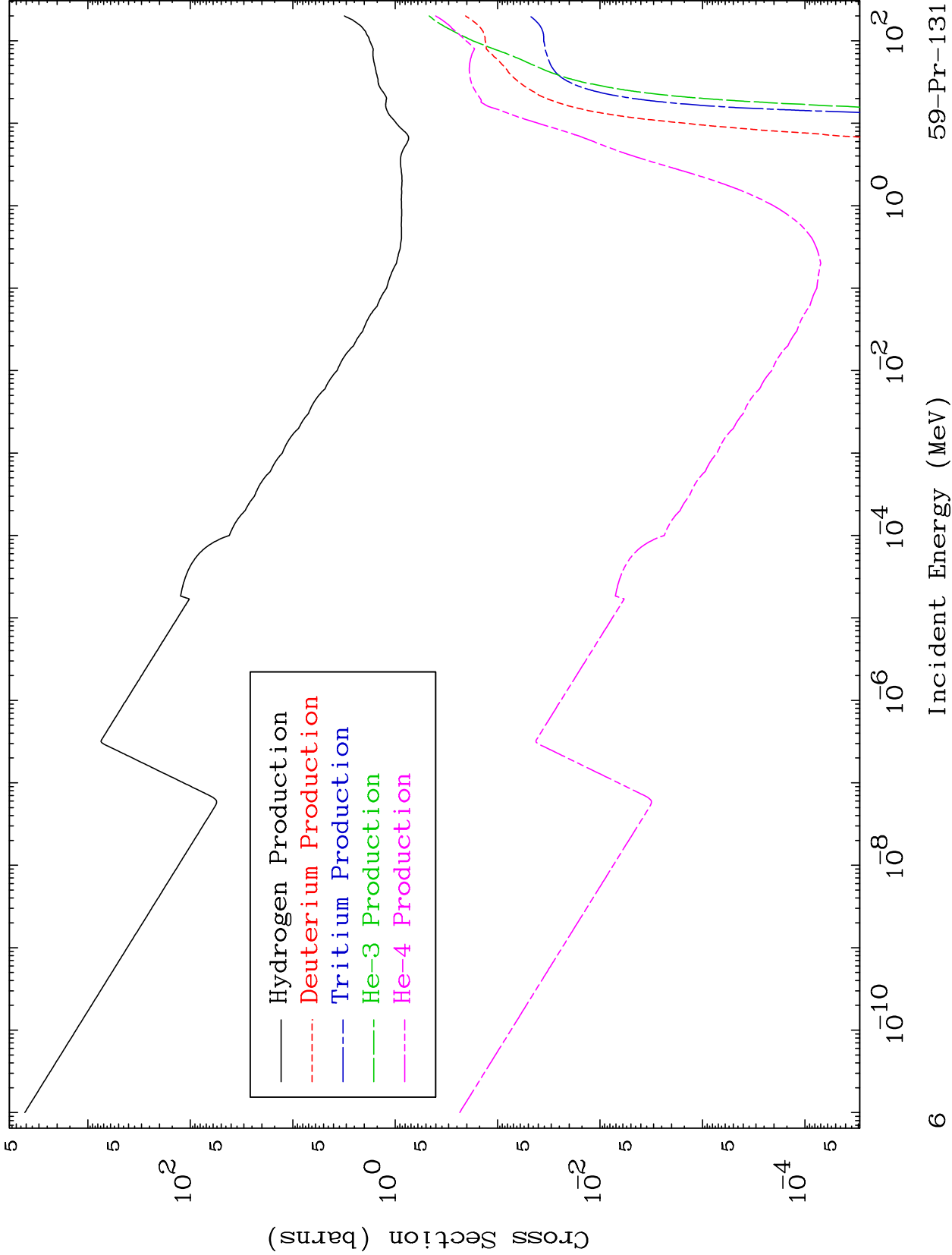


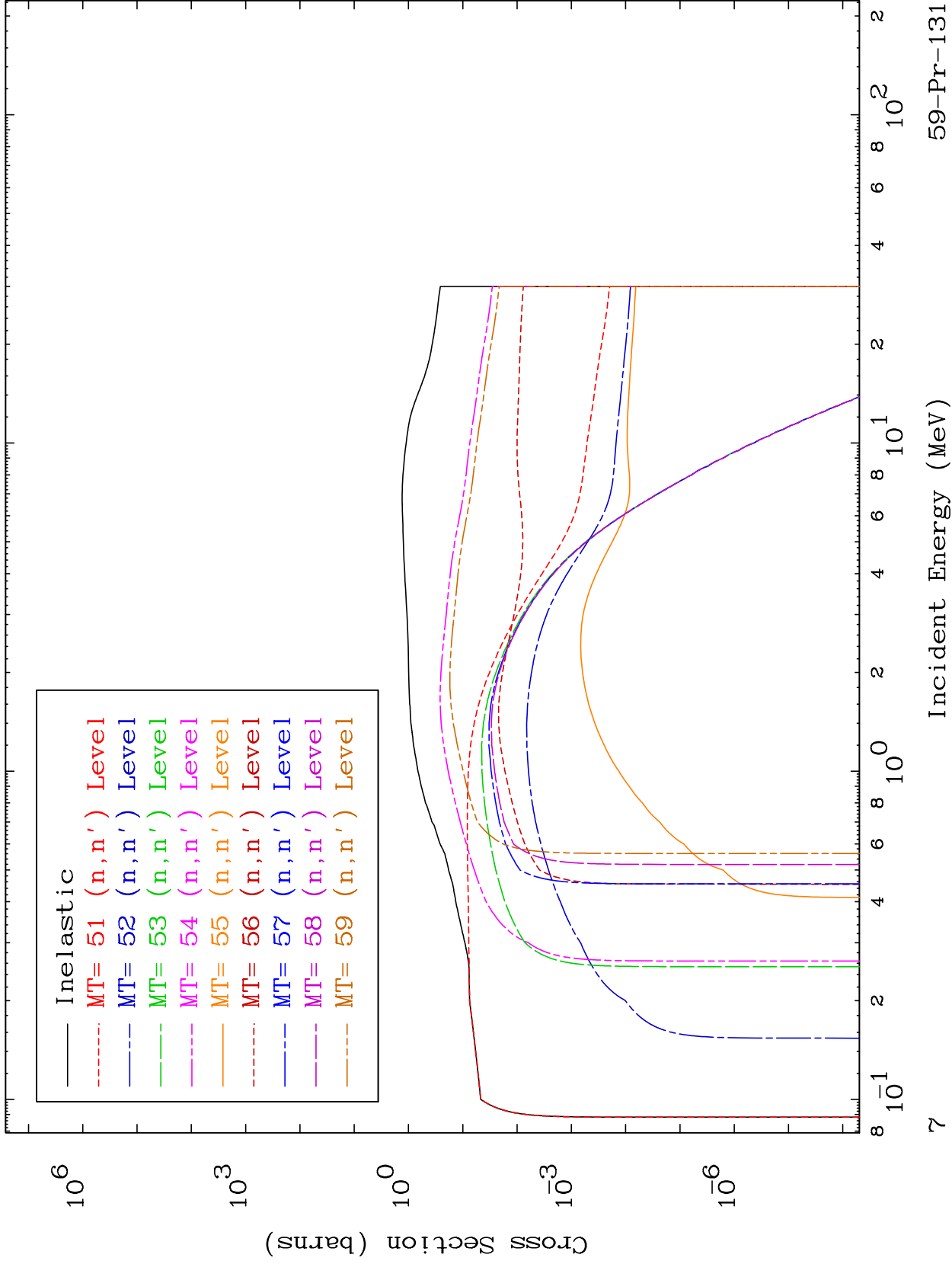
MAT 5895

Charged Particle
293 Kelvin Cross Sections

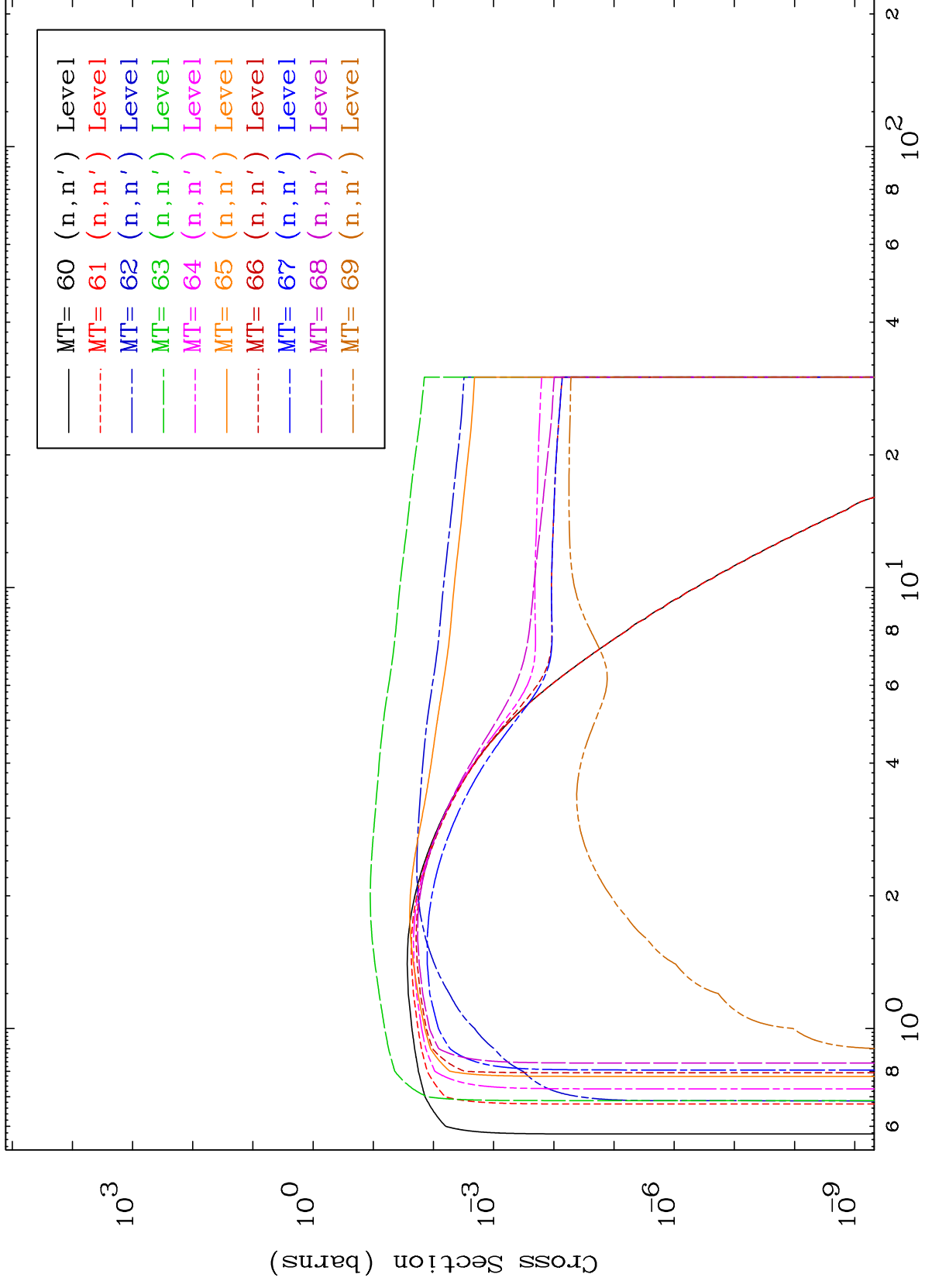
59-Pr-131



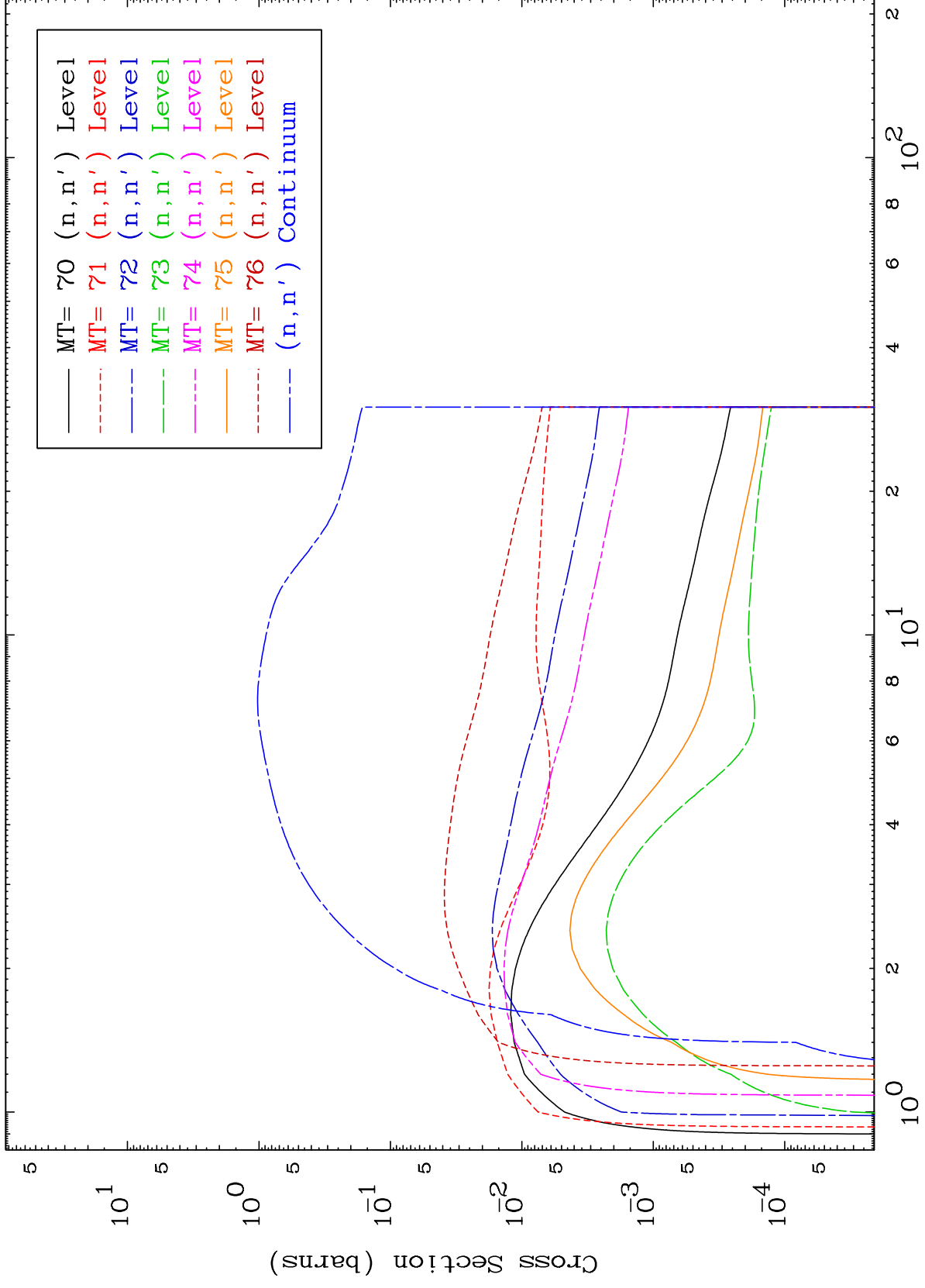




293 Kelvin Cross Sections



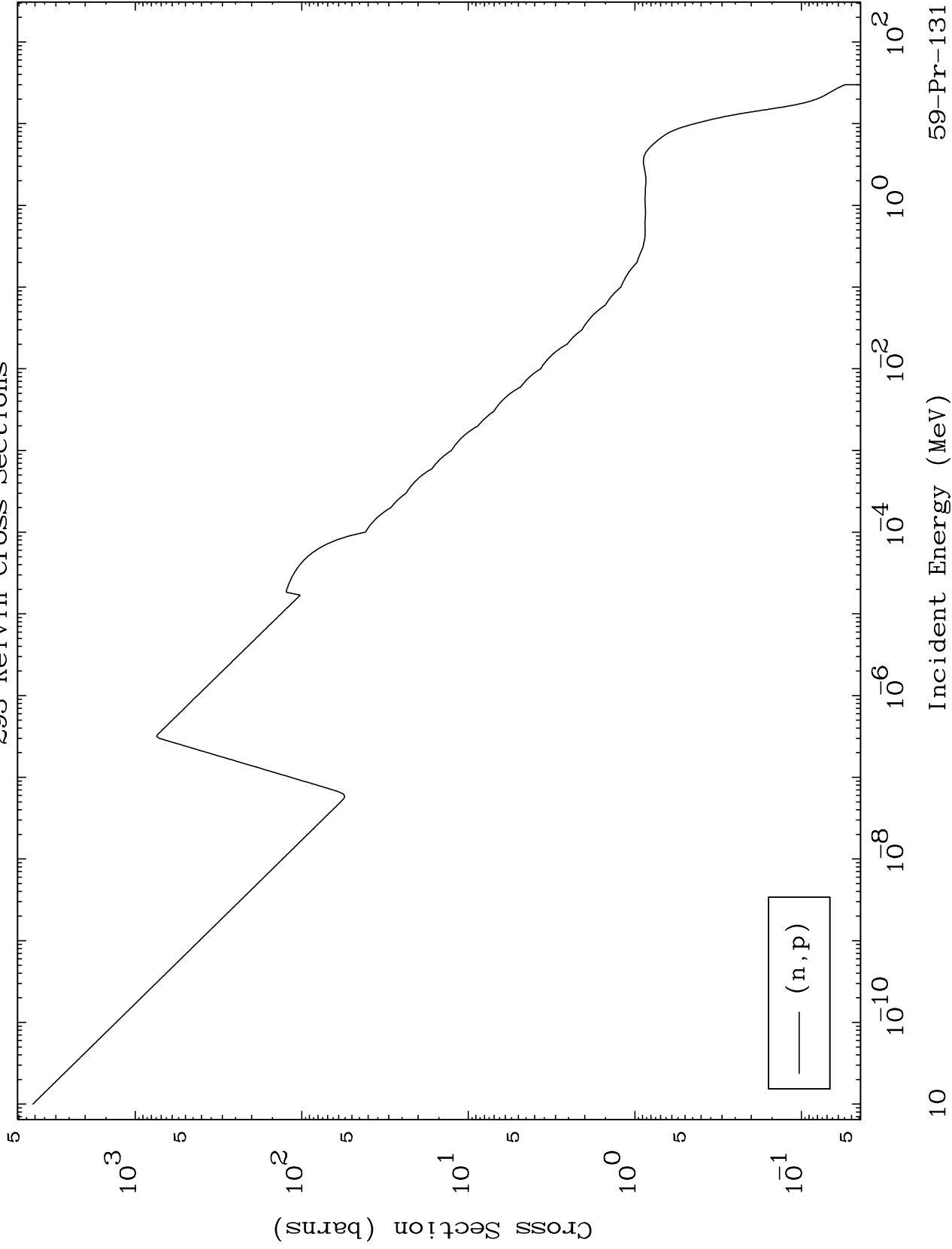
293 Kelvin Cross Sections



MAT 5895

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-131



10

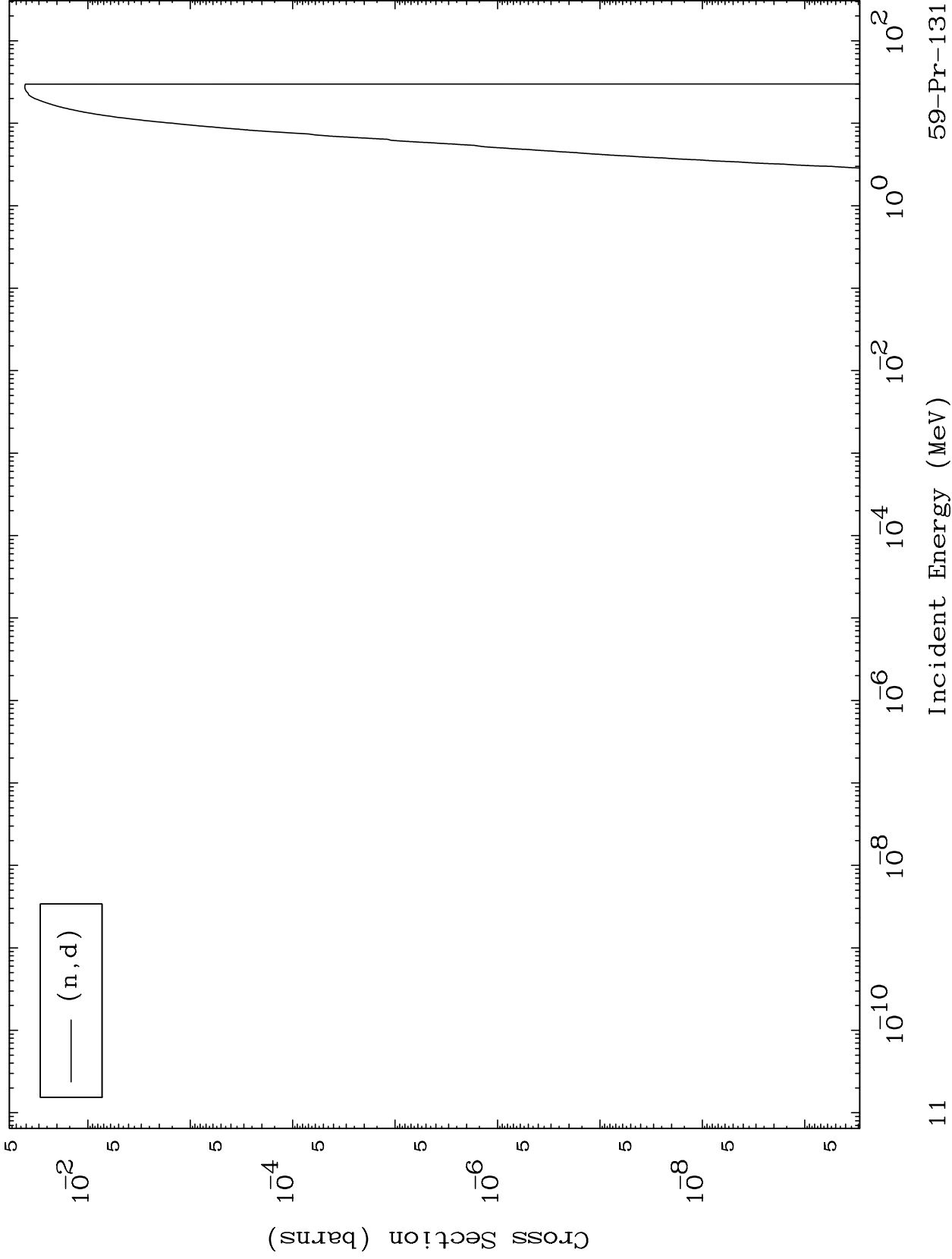
Incident Energy (MeV)

59-Pr-131

MAT 5895

(n,d) Levels
293 Kelvin Cross Sections

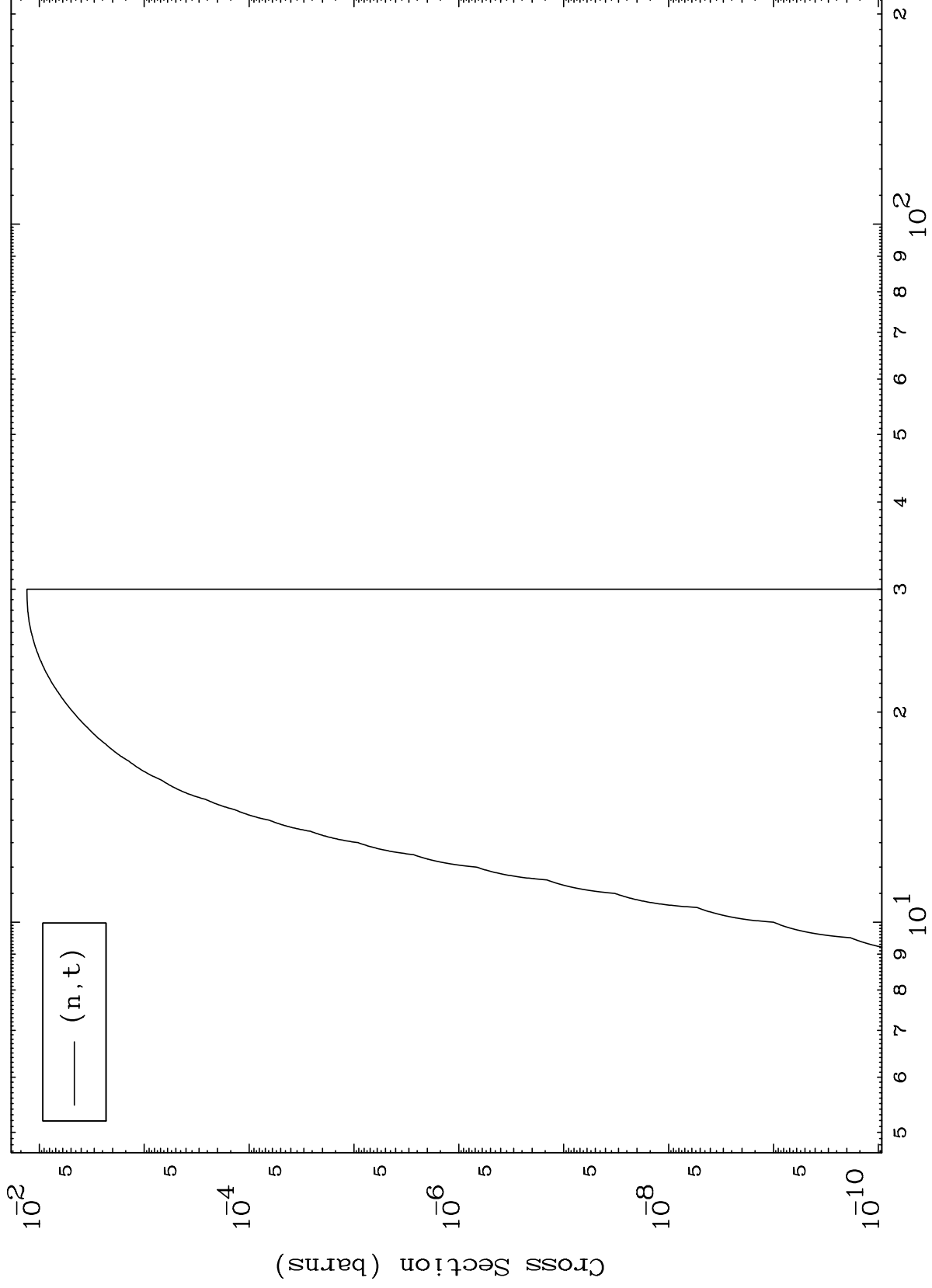
59-Pr-131



MAT 5895

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-131



12

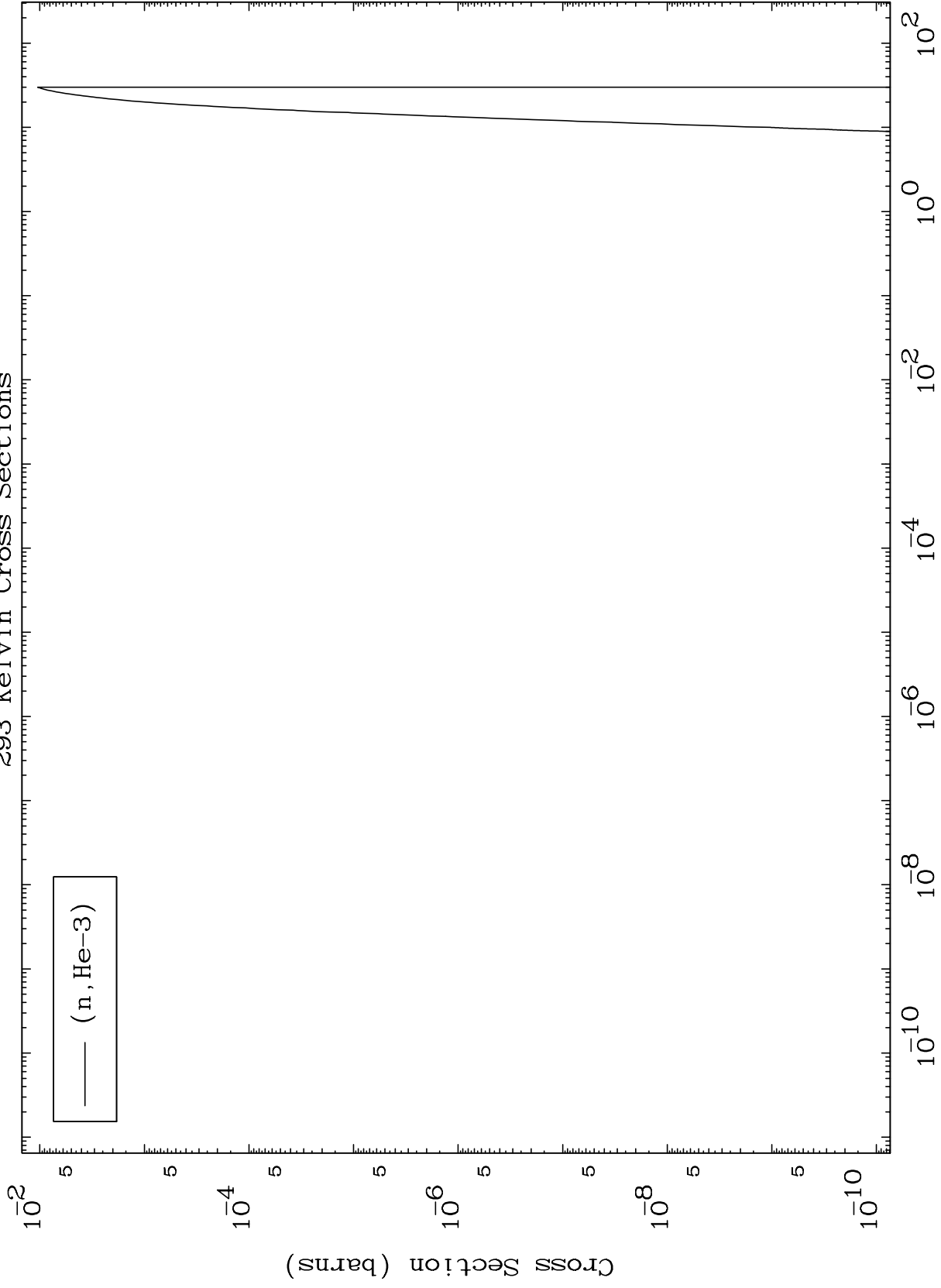
Incident Energy (MeV)

59-Pr-131

MAT 5895

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-131



13

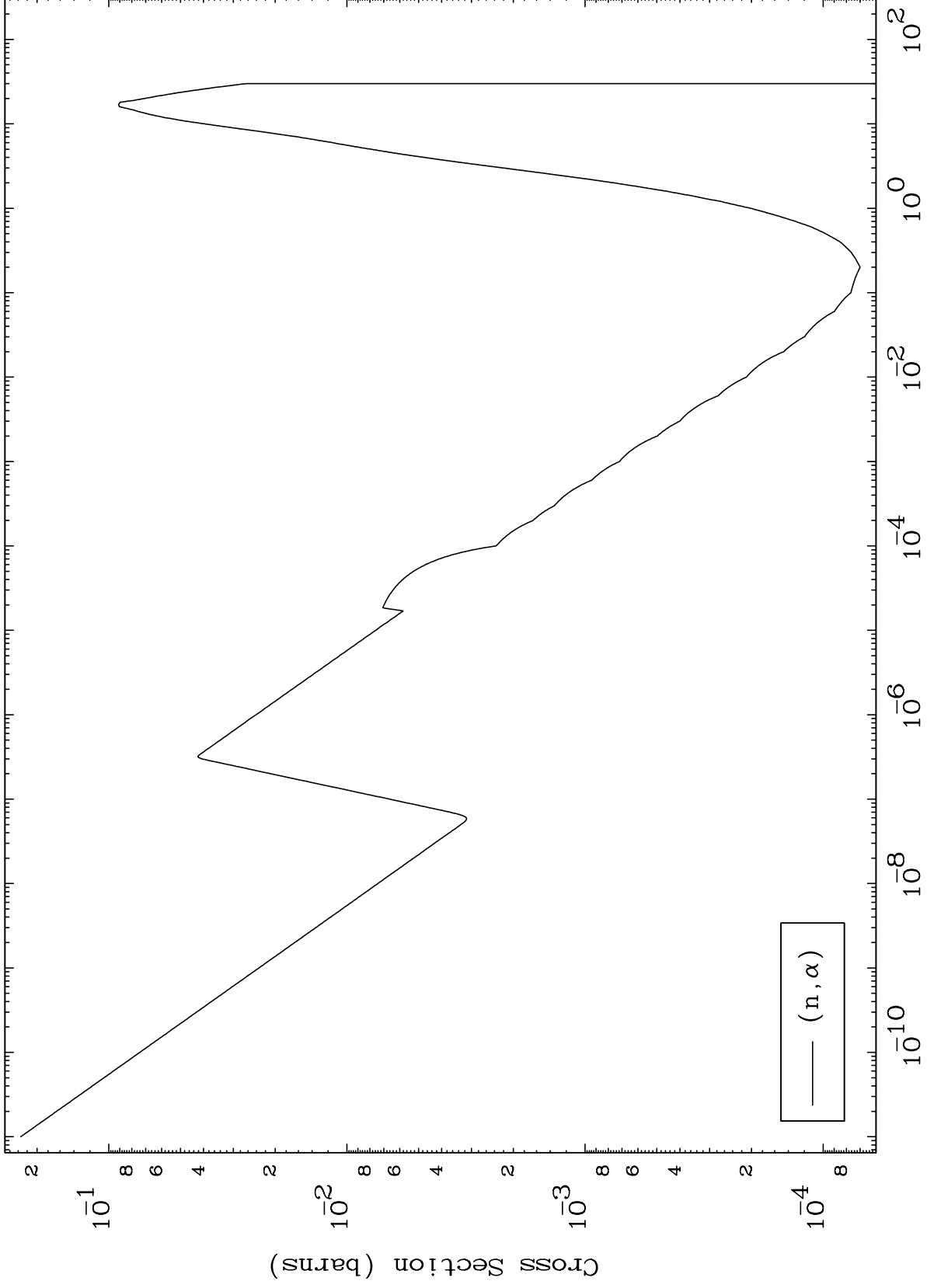
Incident Energy (MeV)

59-Pr-131

MAT 5895

(n,α) Levels
293 Kelvin Cross Sections

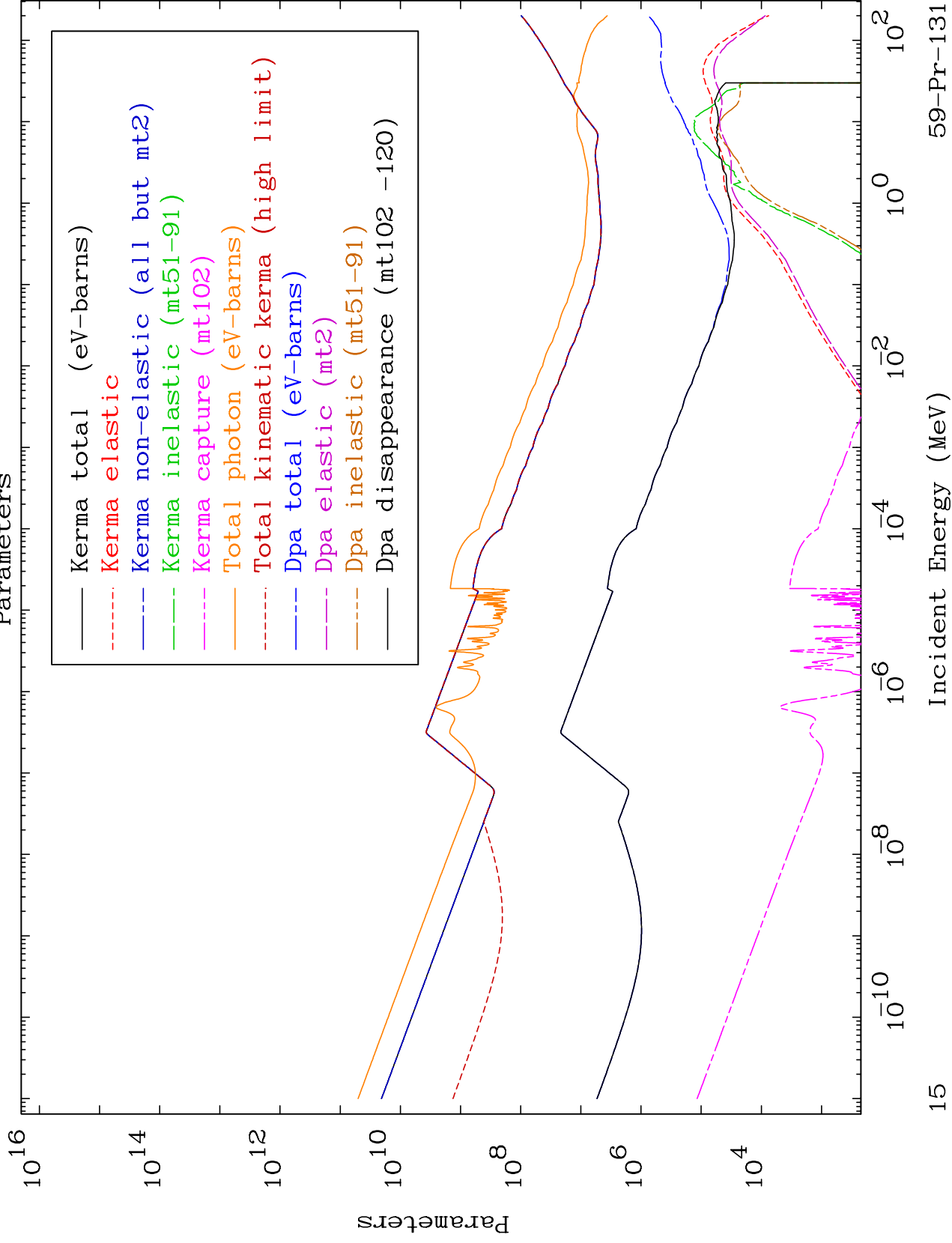
59-Pr-131



14

Incident Energy (MeV)

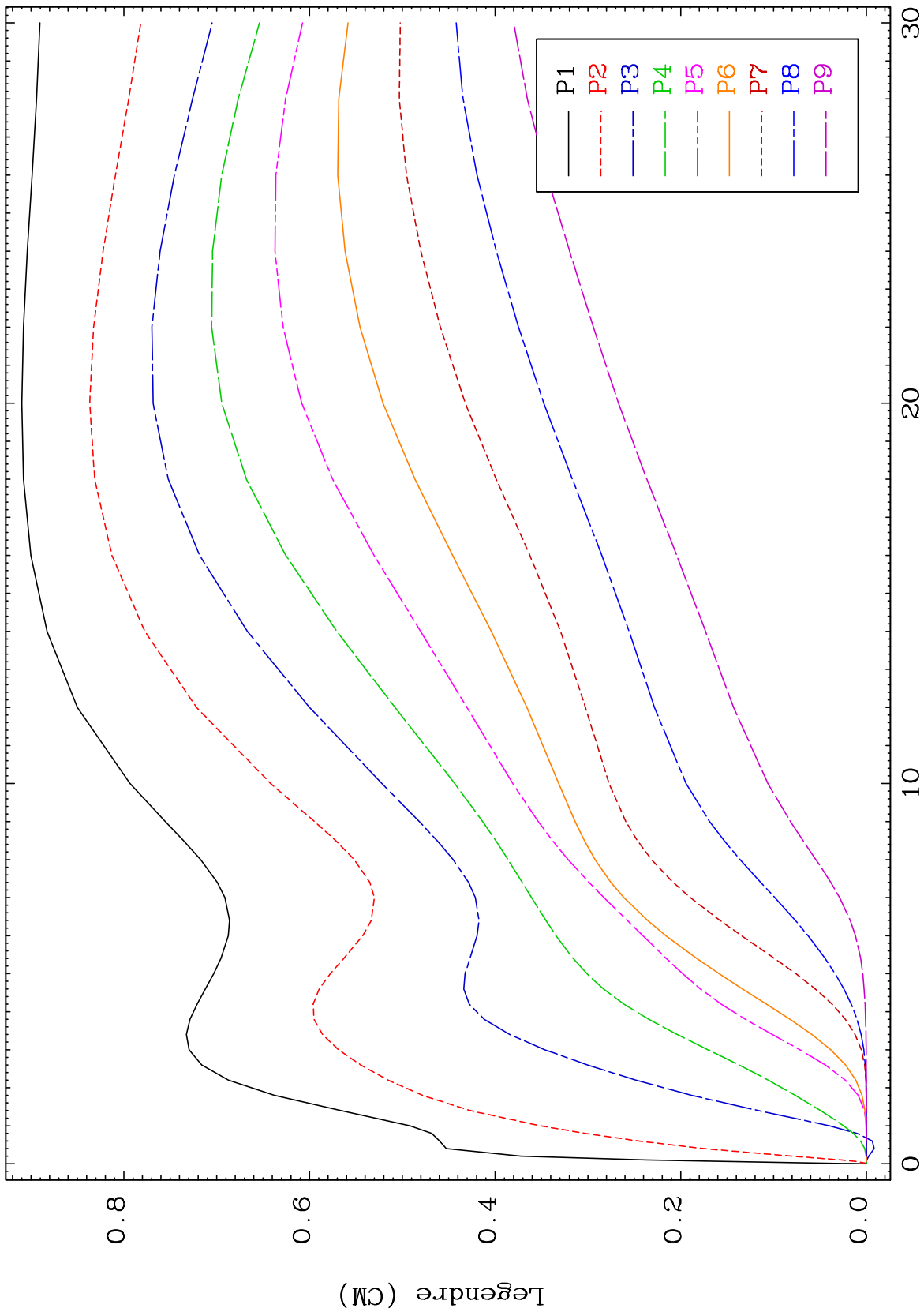
59-Pr-131



MAT 5895

Elastic Legendre Coefficients

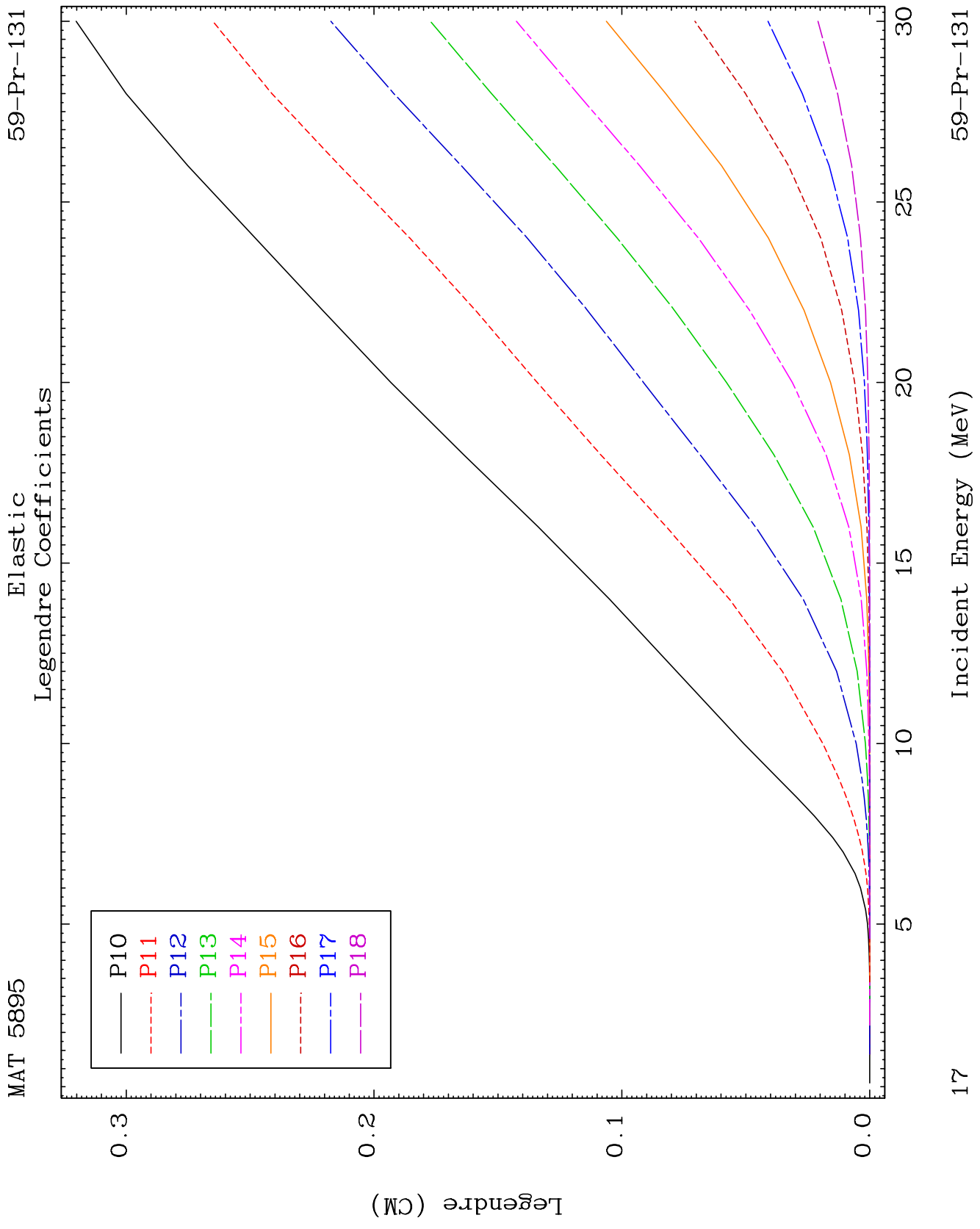
59-Pr-131



16

Incident Energy (MeV)

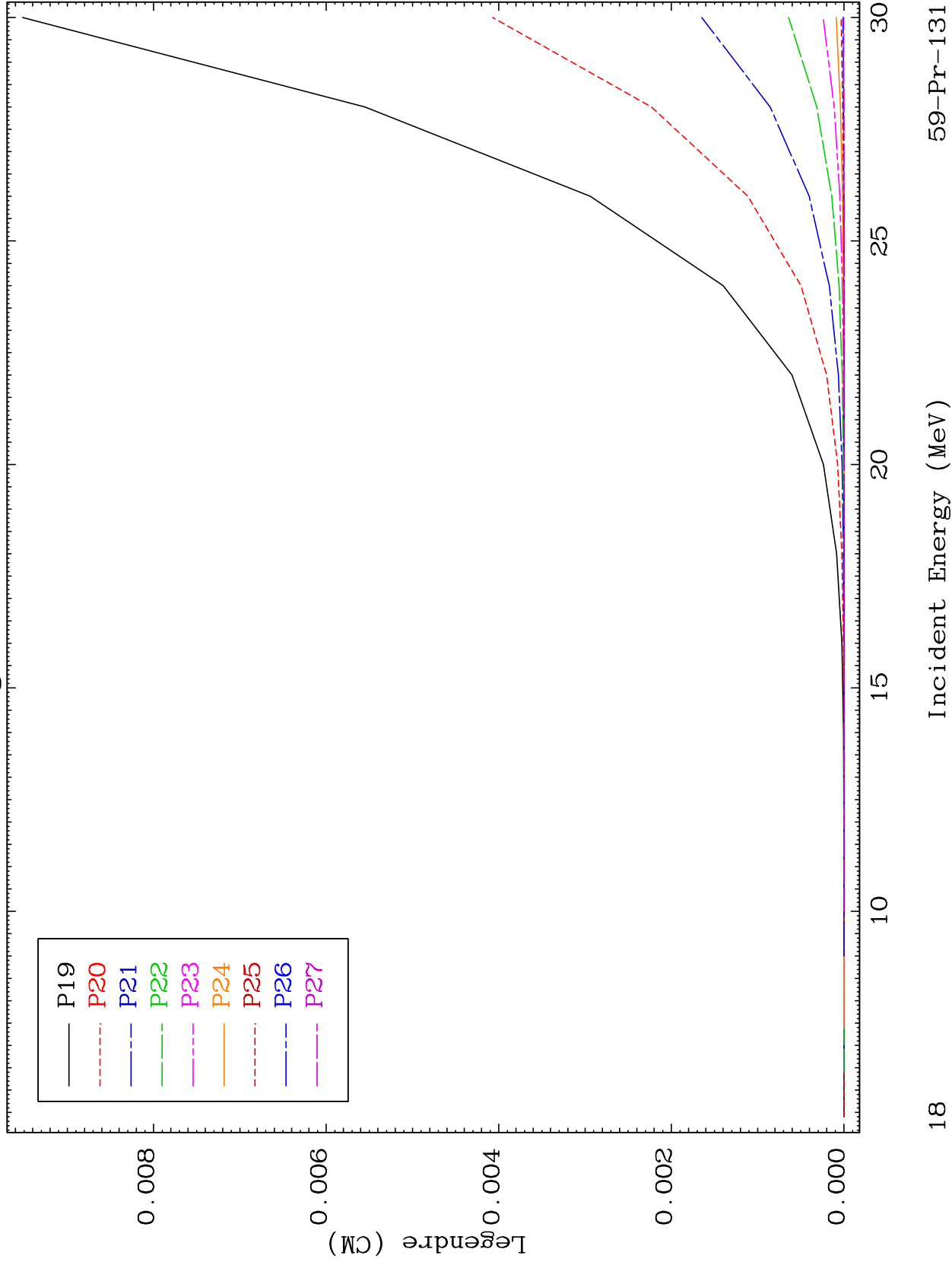
59-Pr-131



MAT 5895

Elastic Legendre Coefficients

59-Pr-131



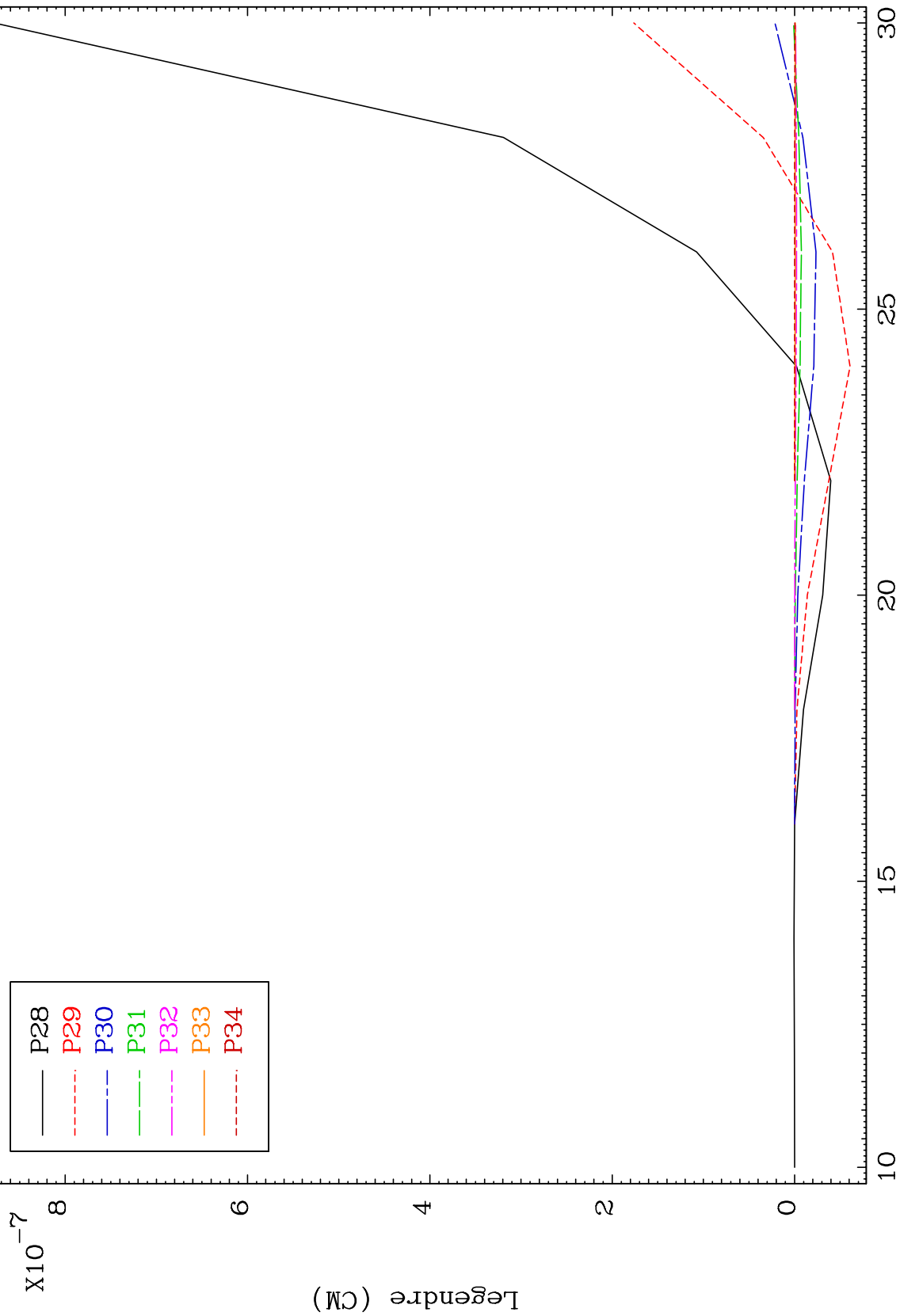
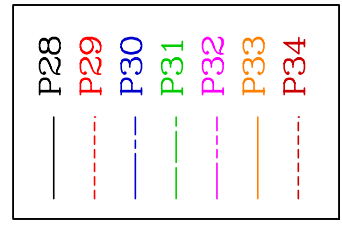
18

59-Pr-131

MAT 5895

Elastic Legendre Coefficients

59-Pr-131



10

15

20

25

30

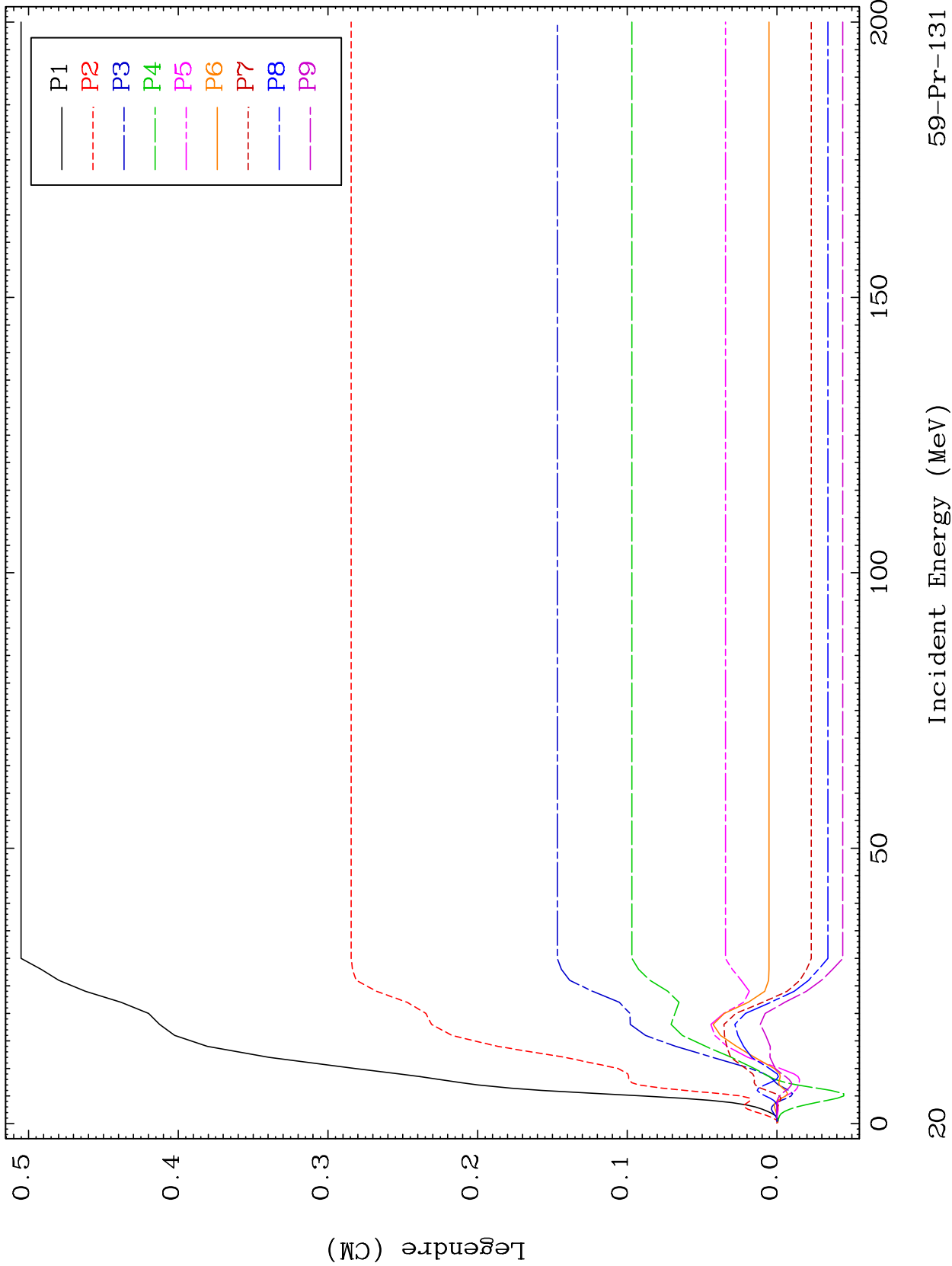
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

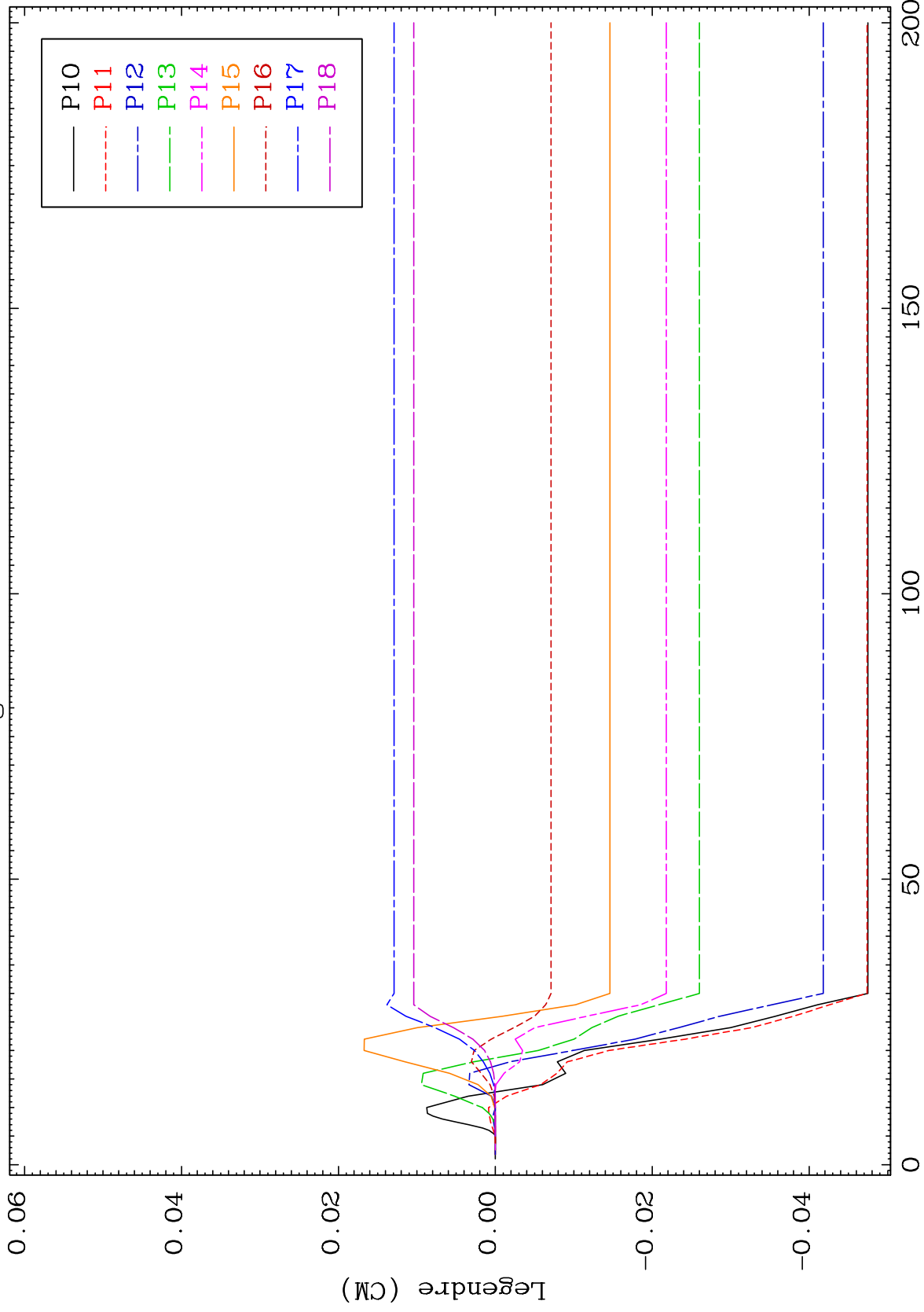
Incident Energy (MeV)

0

MAT 5895

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

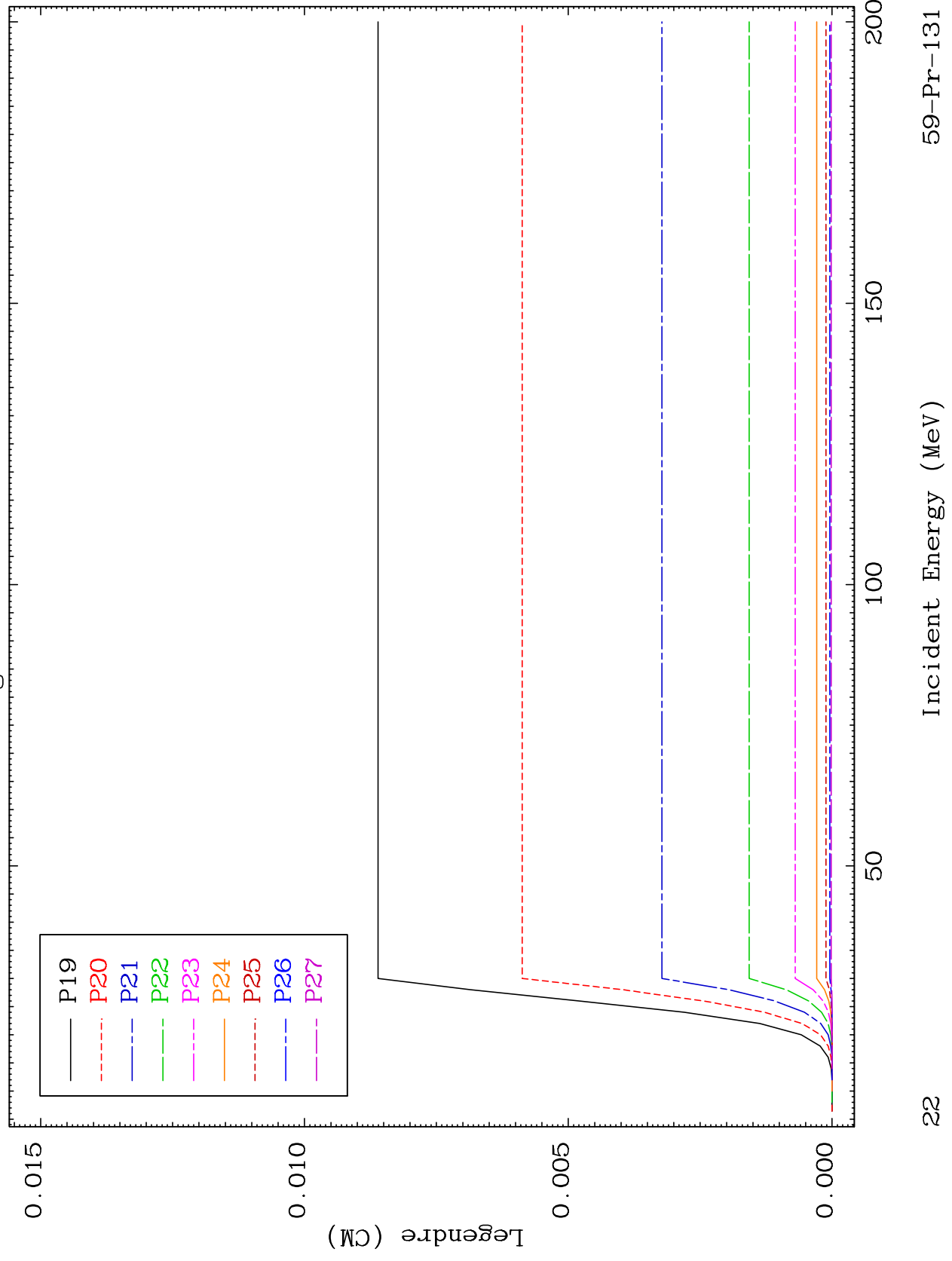
59-Pr-131



21

Incident Energy (MeV)

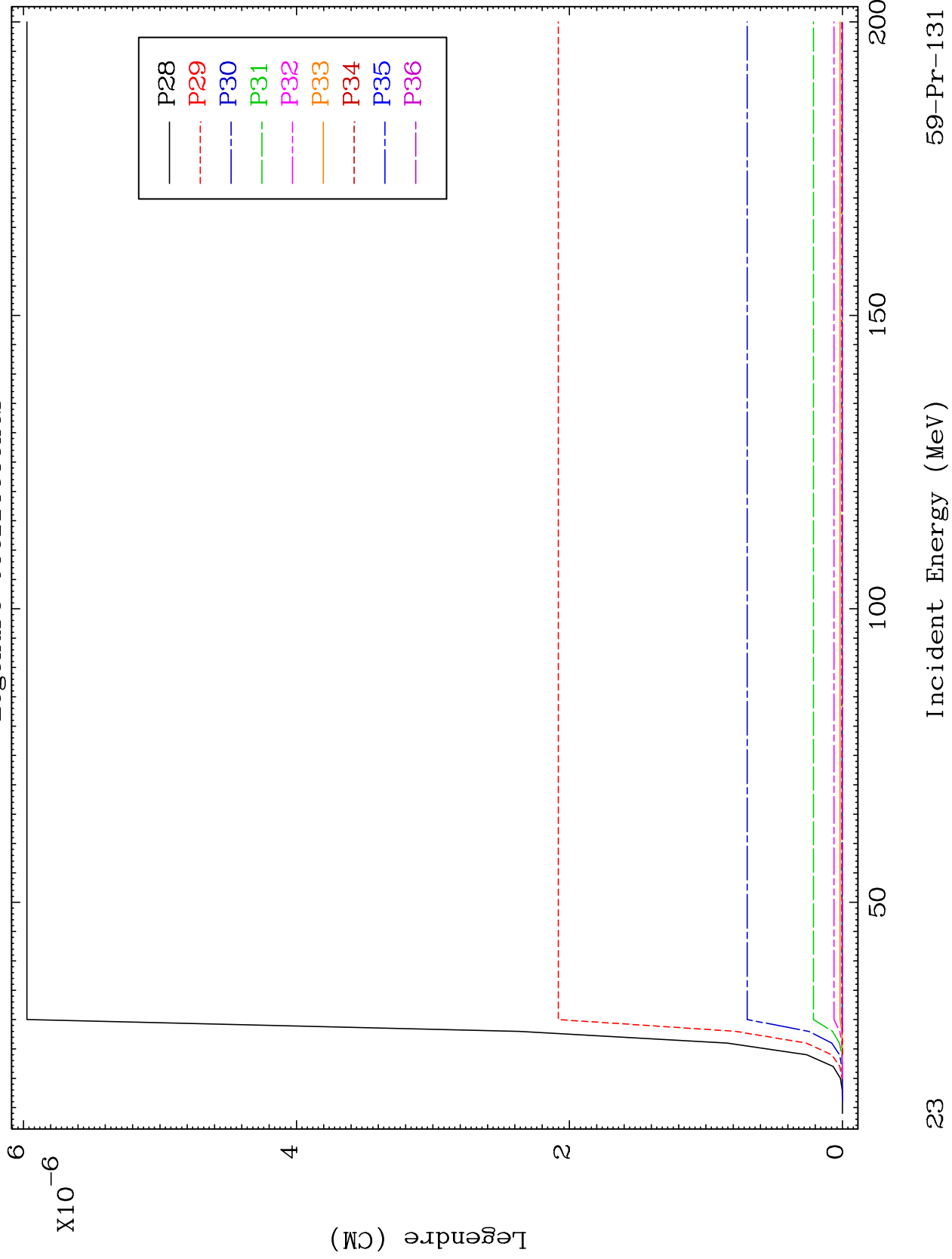
59-Pr-131



MAT 5895

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

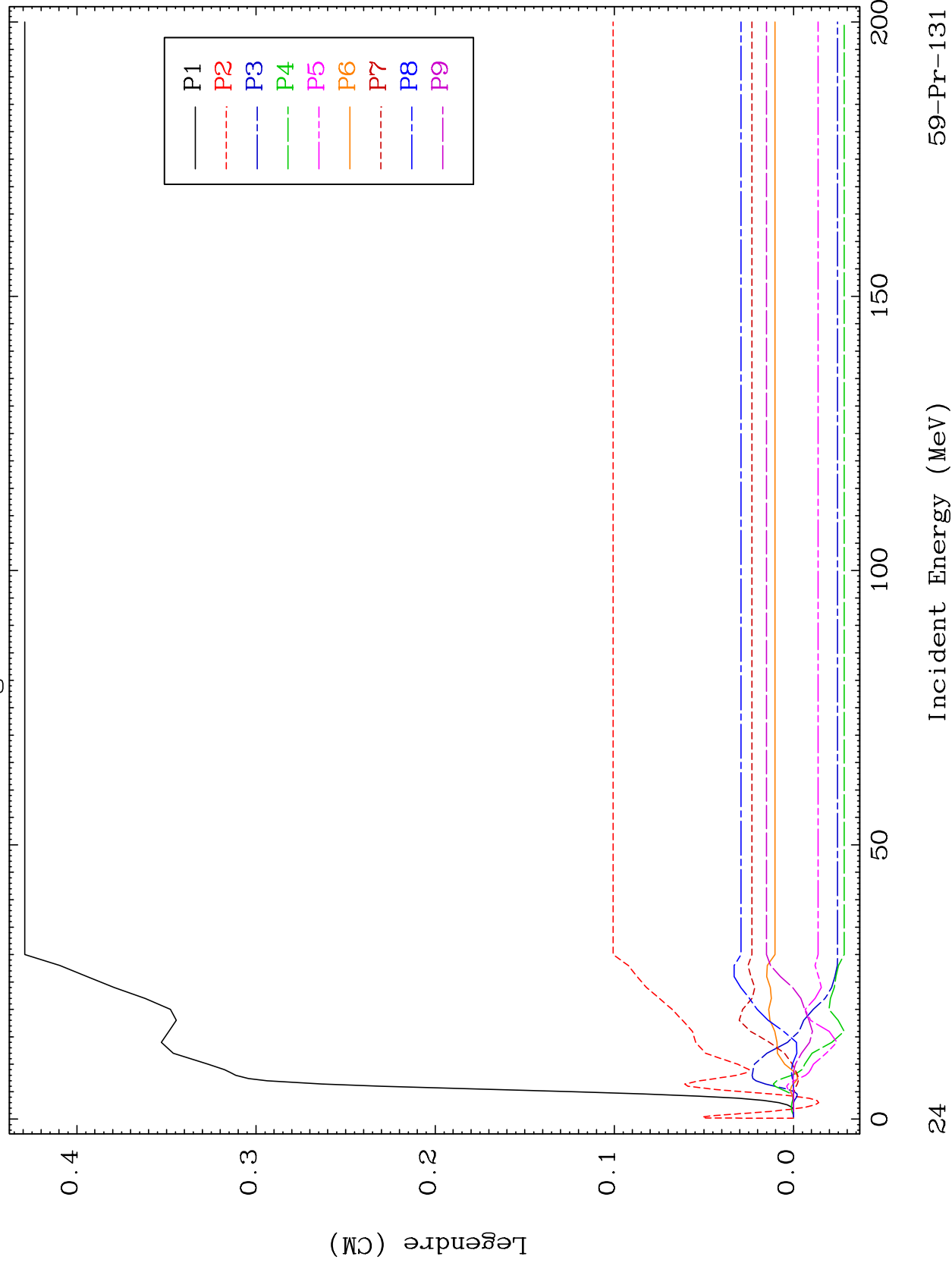
59-Pr-131



MAT 5895

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

59-Pr-131



24

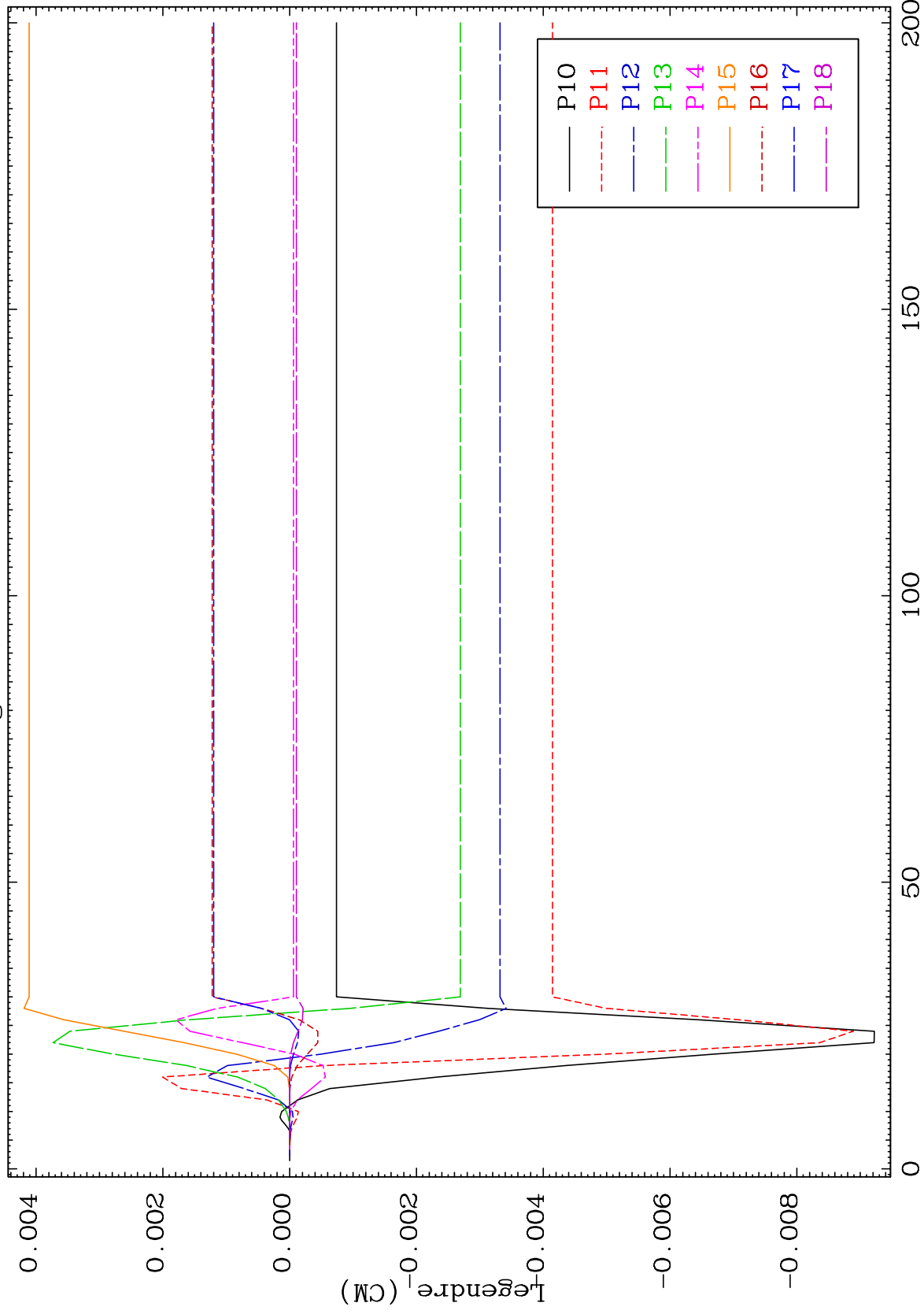
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

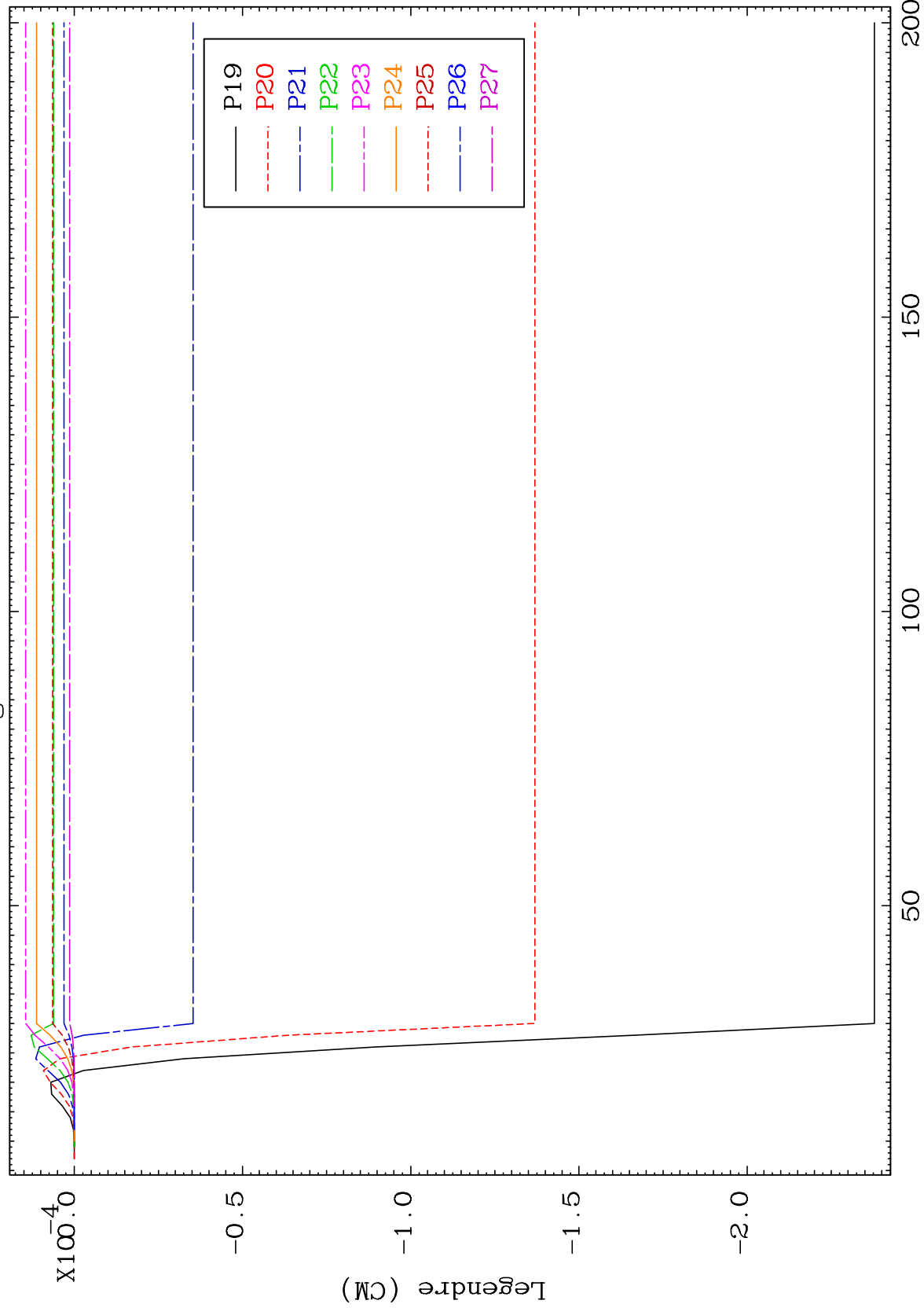
59-Pr-131



25

Incident Energy (MeV)

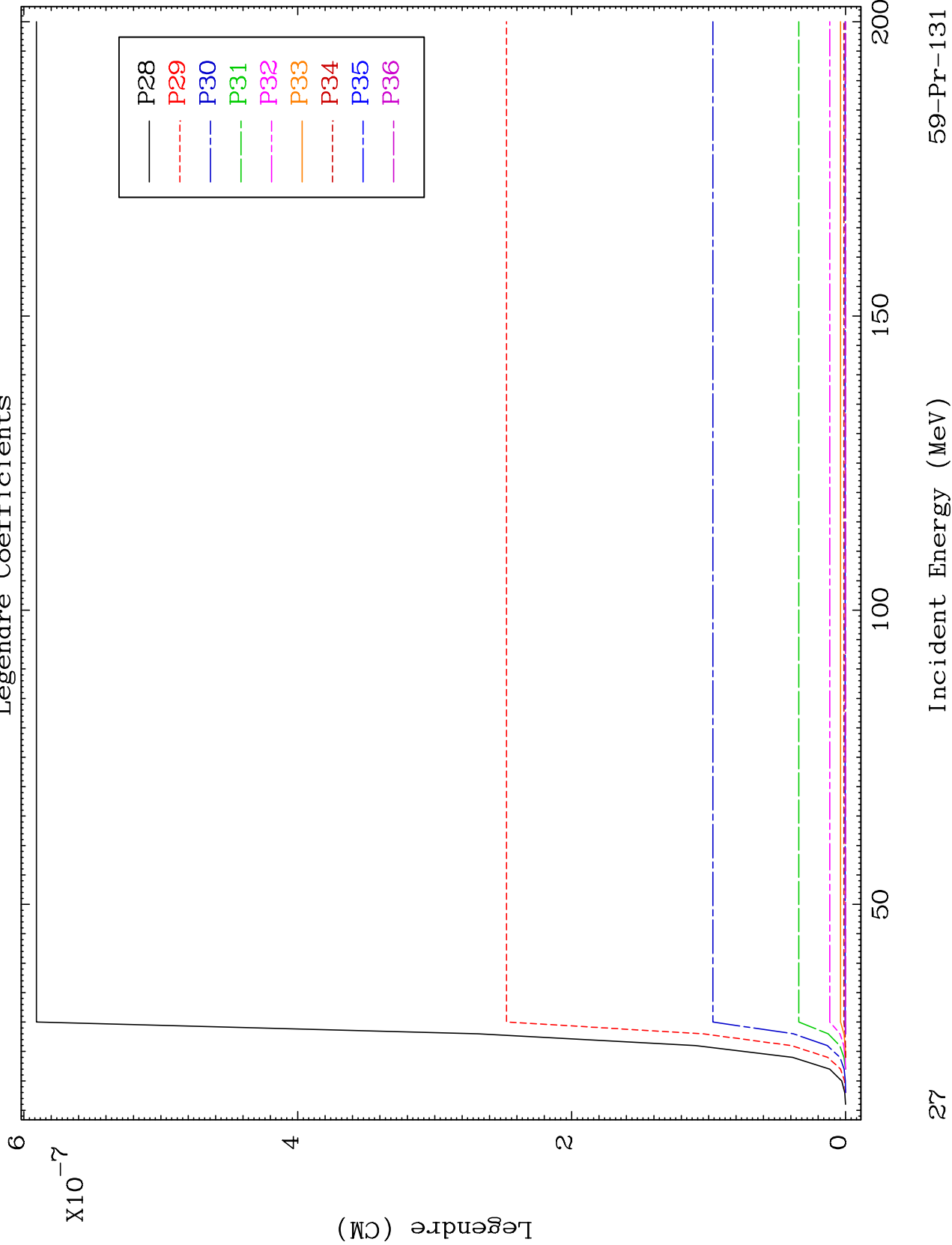
59-Pr-131



MAT 5895

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

59-Pr-131



27

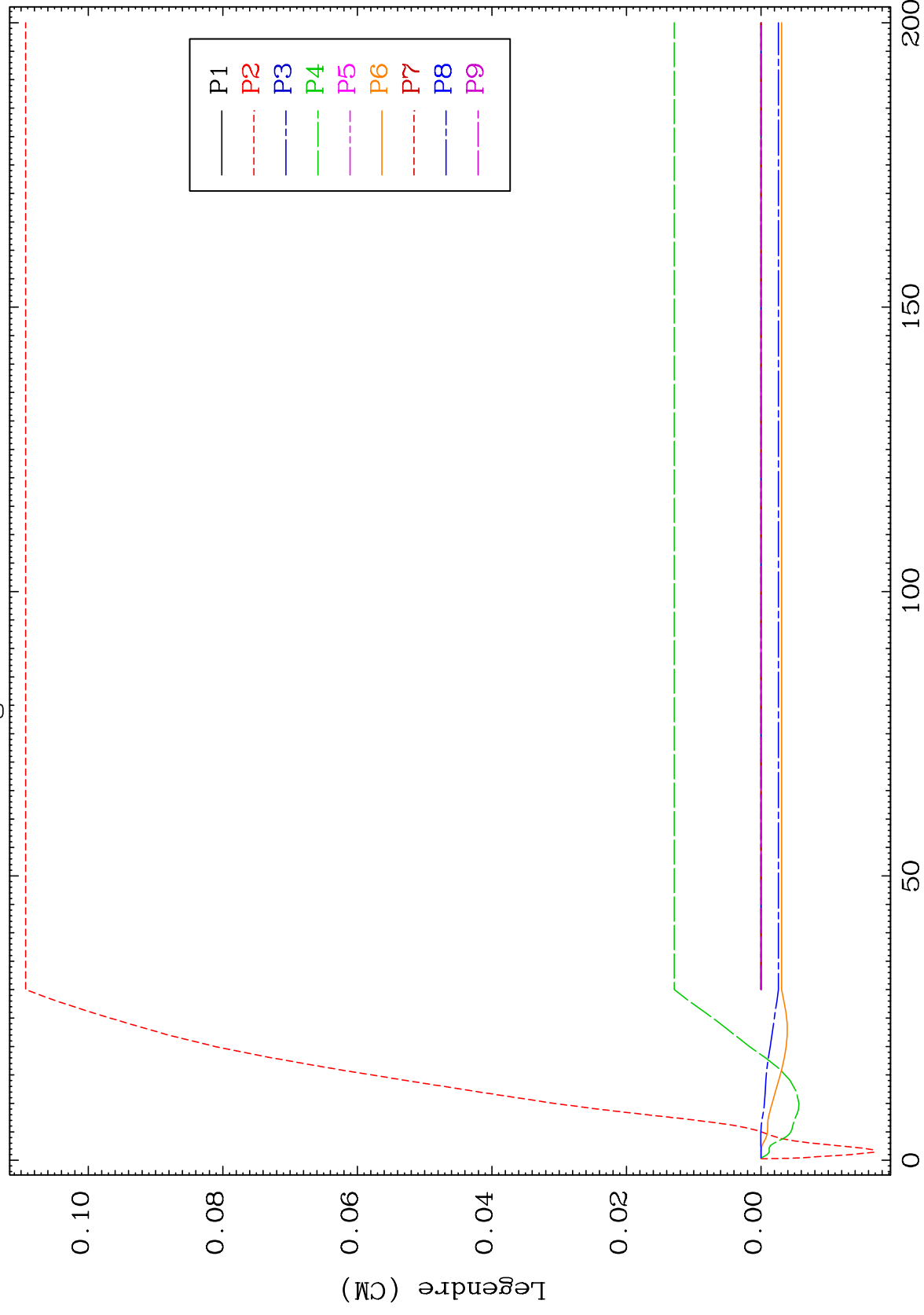
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



28

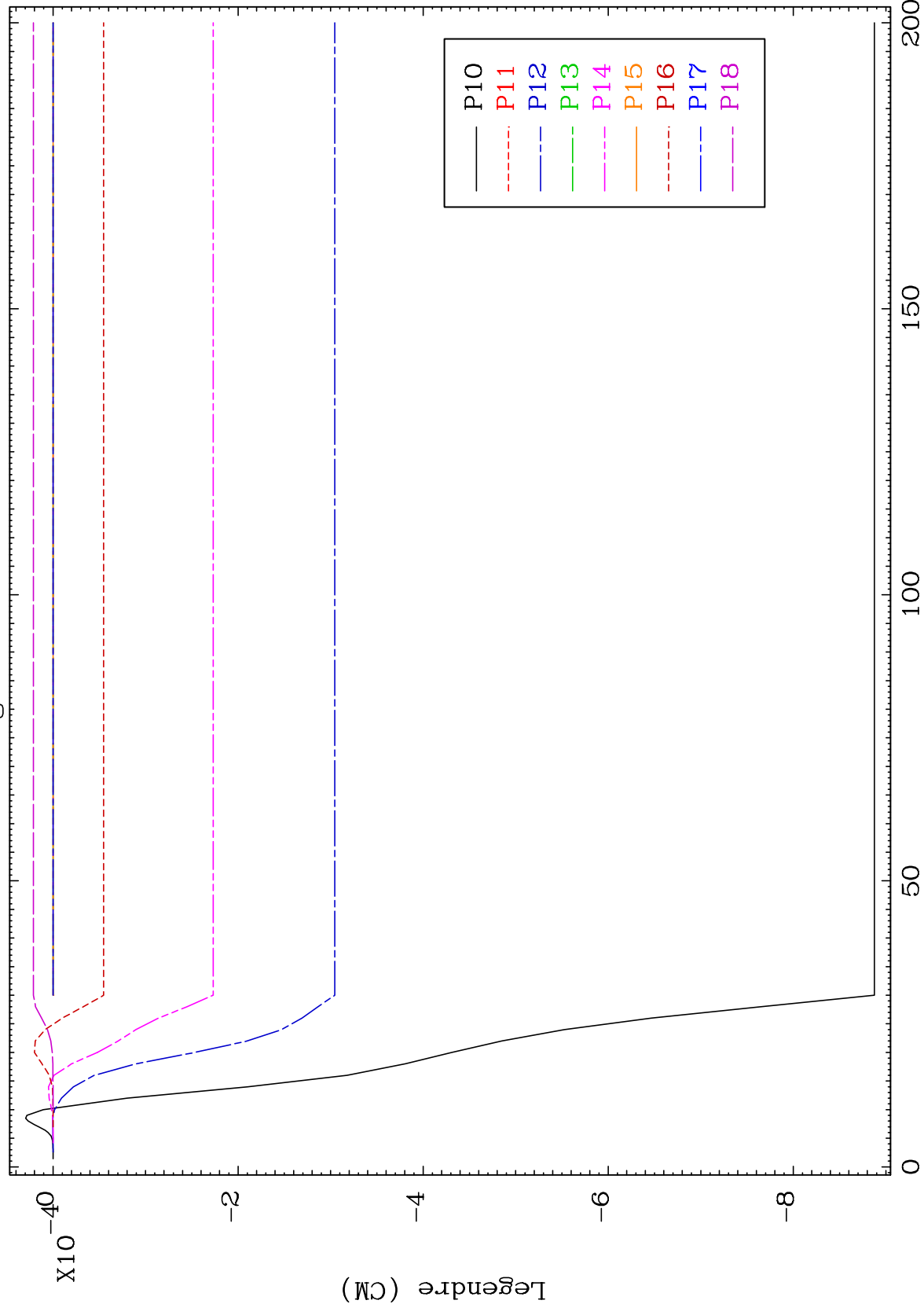
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

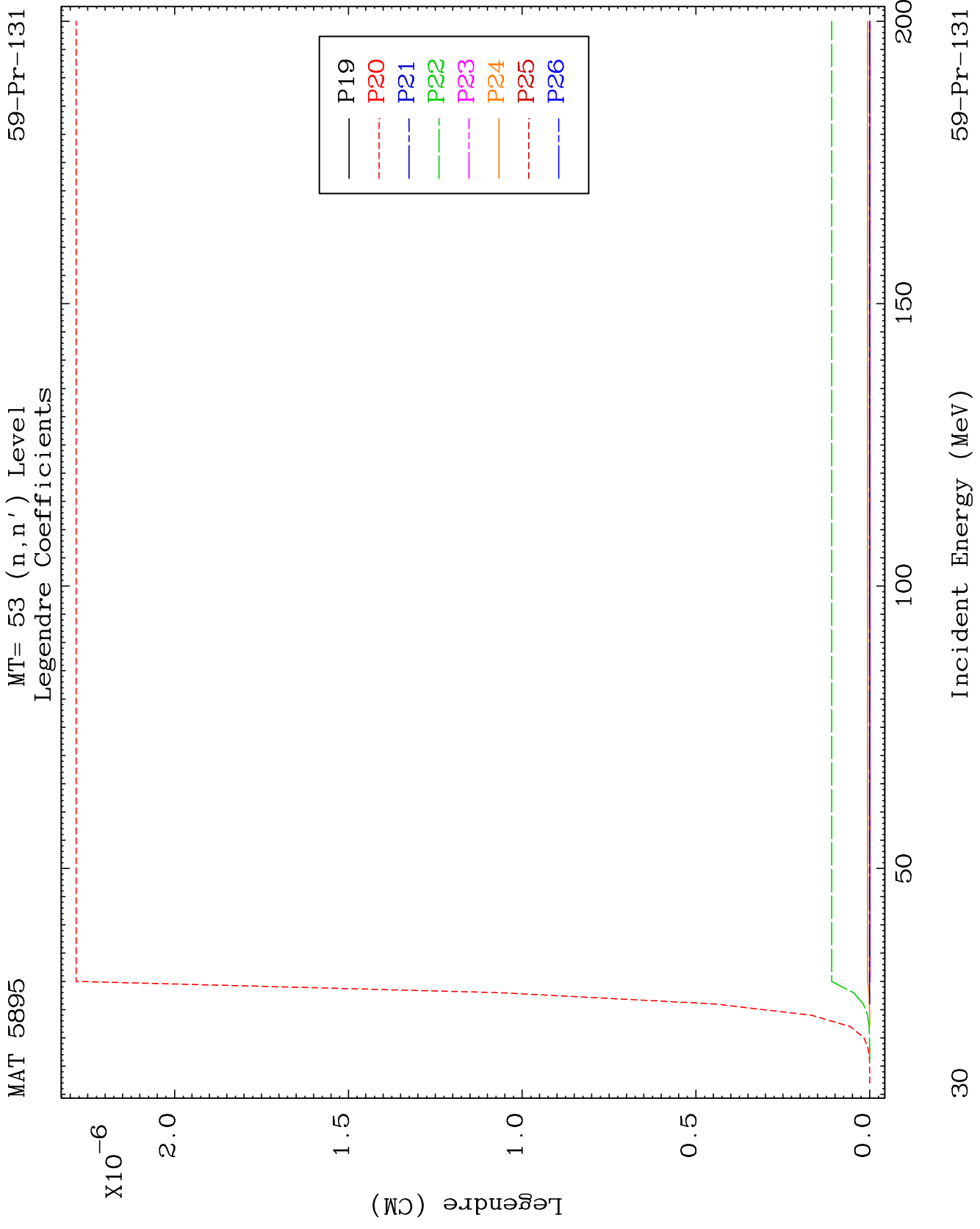
59-Pr-131



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Incident Energy (MeV)

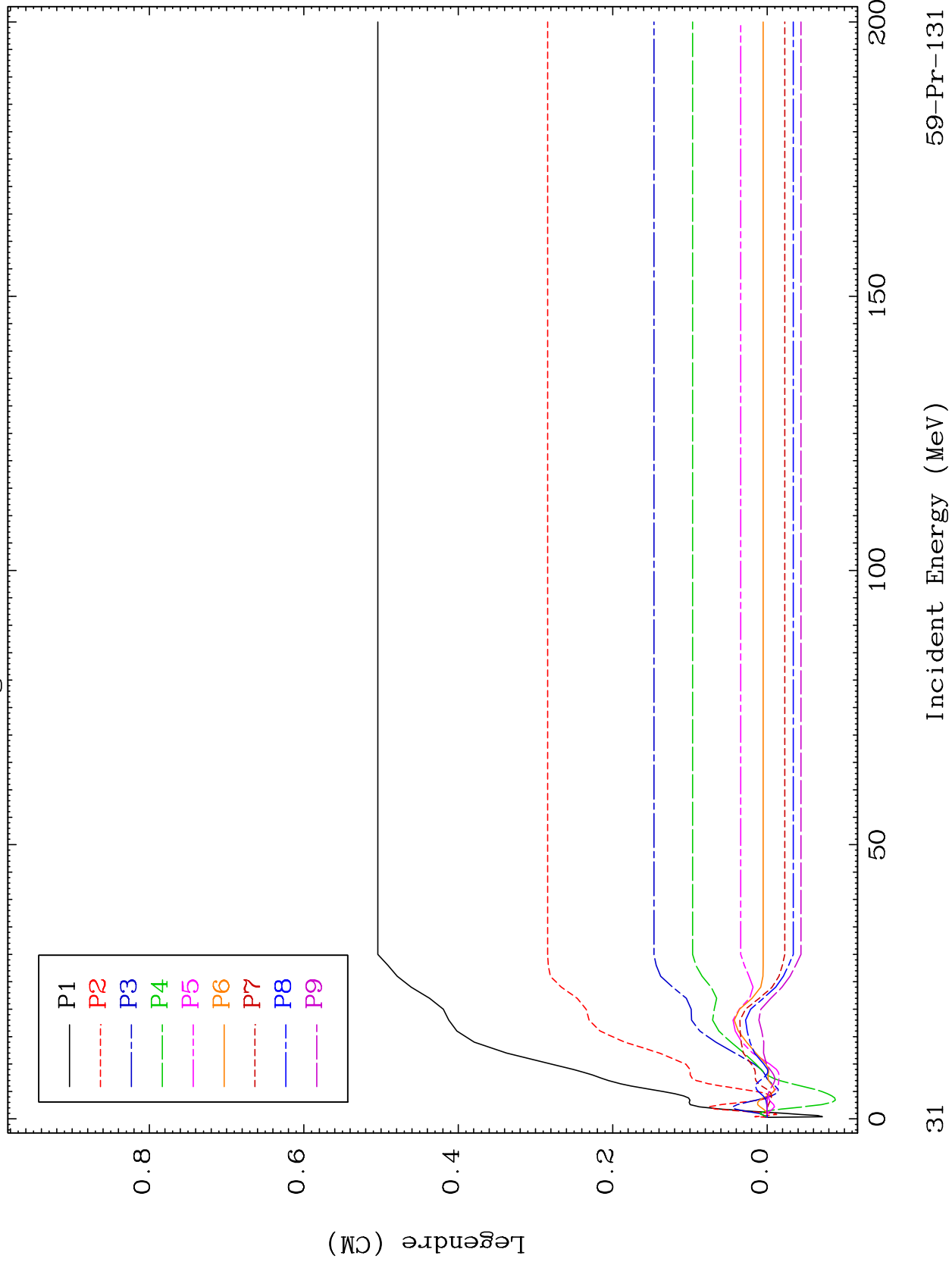
59-Pr-131



MAT 5895

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

59-Pr-131



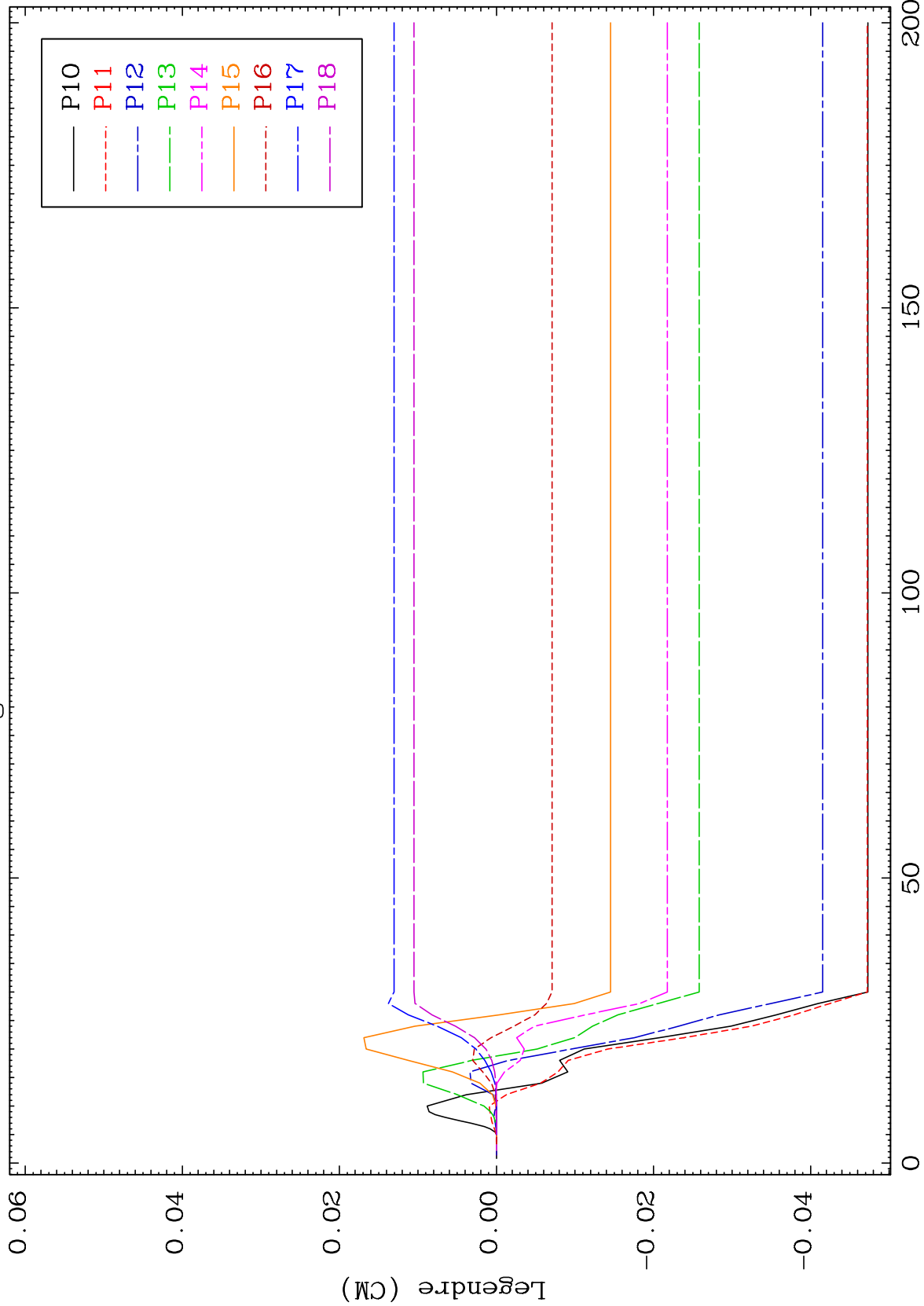
31

59-Pr-131

MAT 5895

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

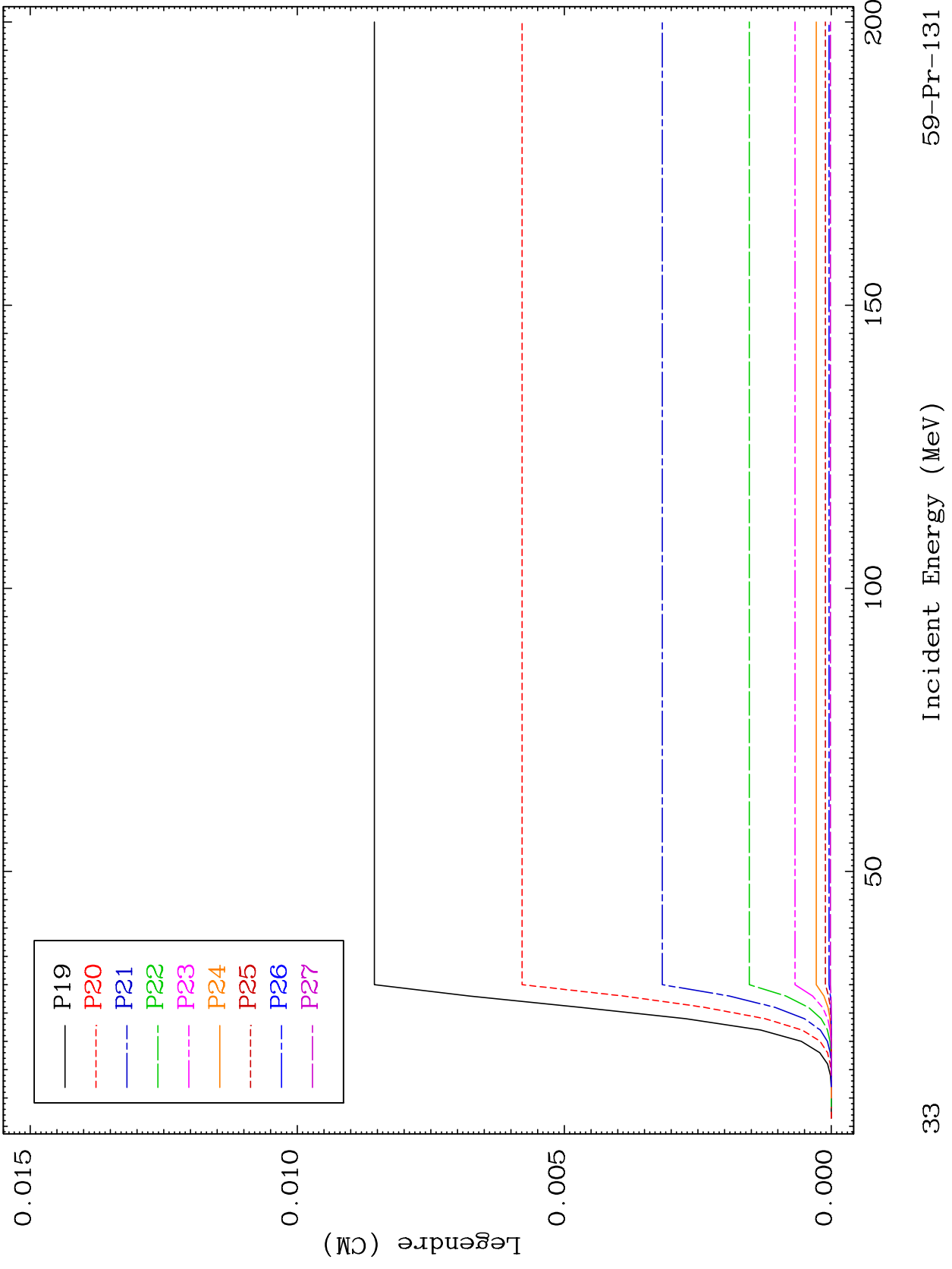
59-Pr-131



32

Incident Energy (MeV)

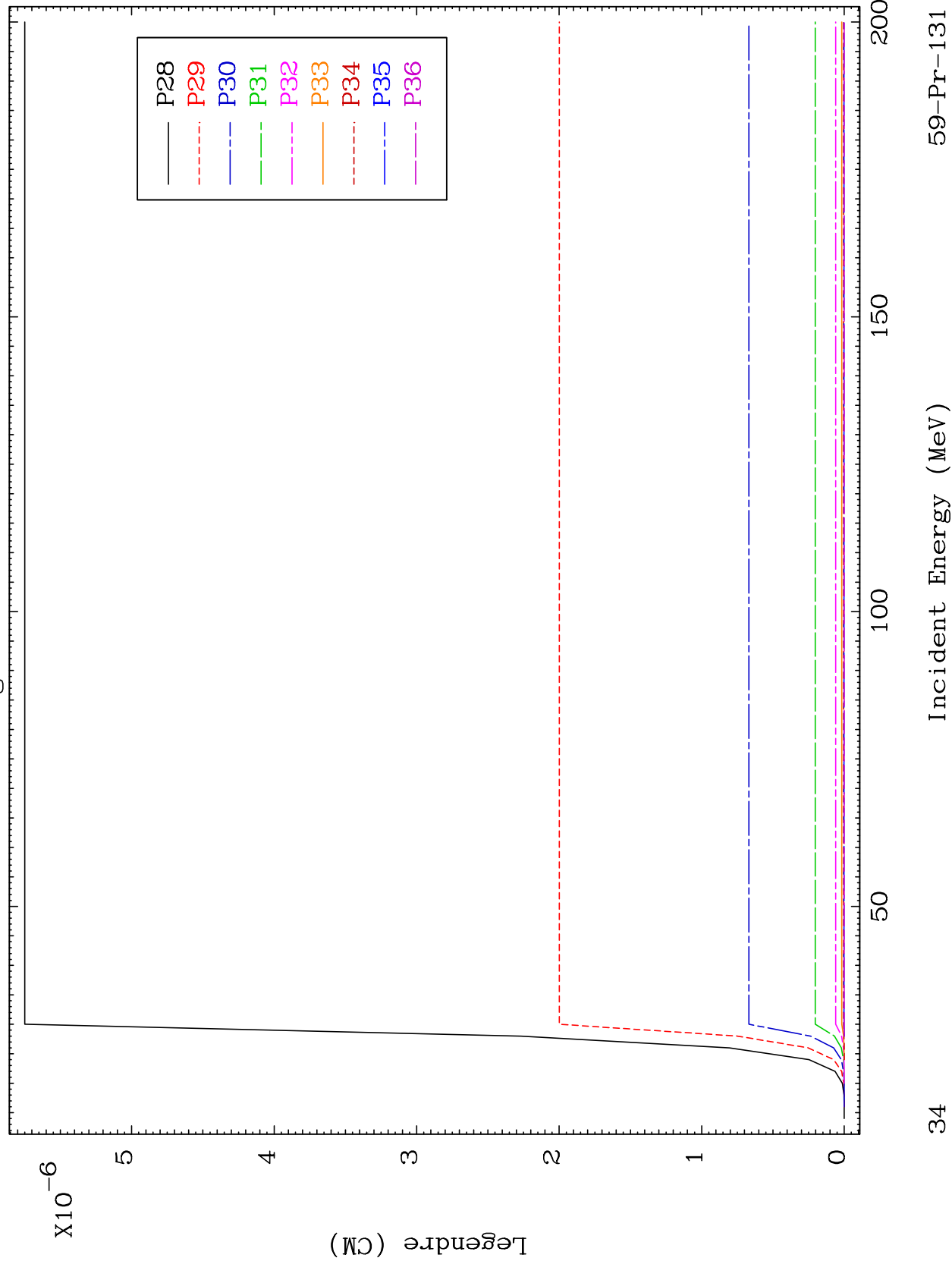
59-Pr-131



MAT 5895

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

59-Pr-131



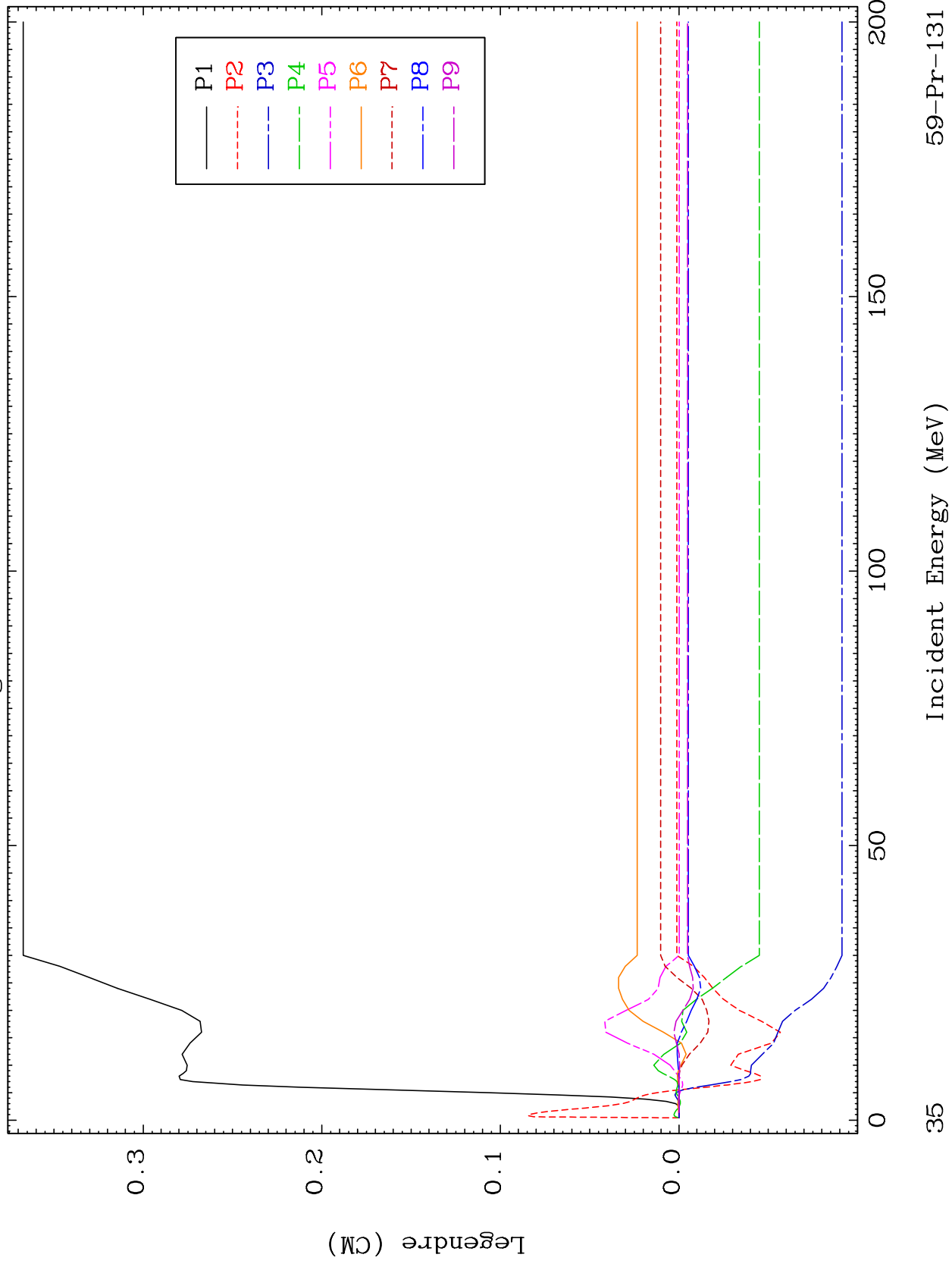
34

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

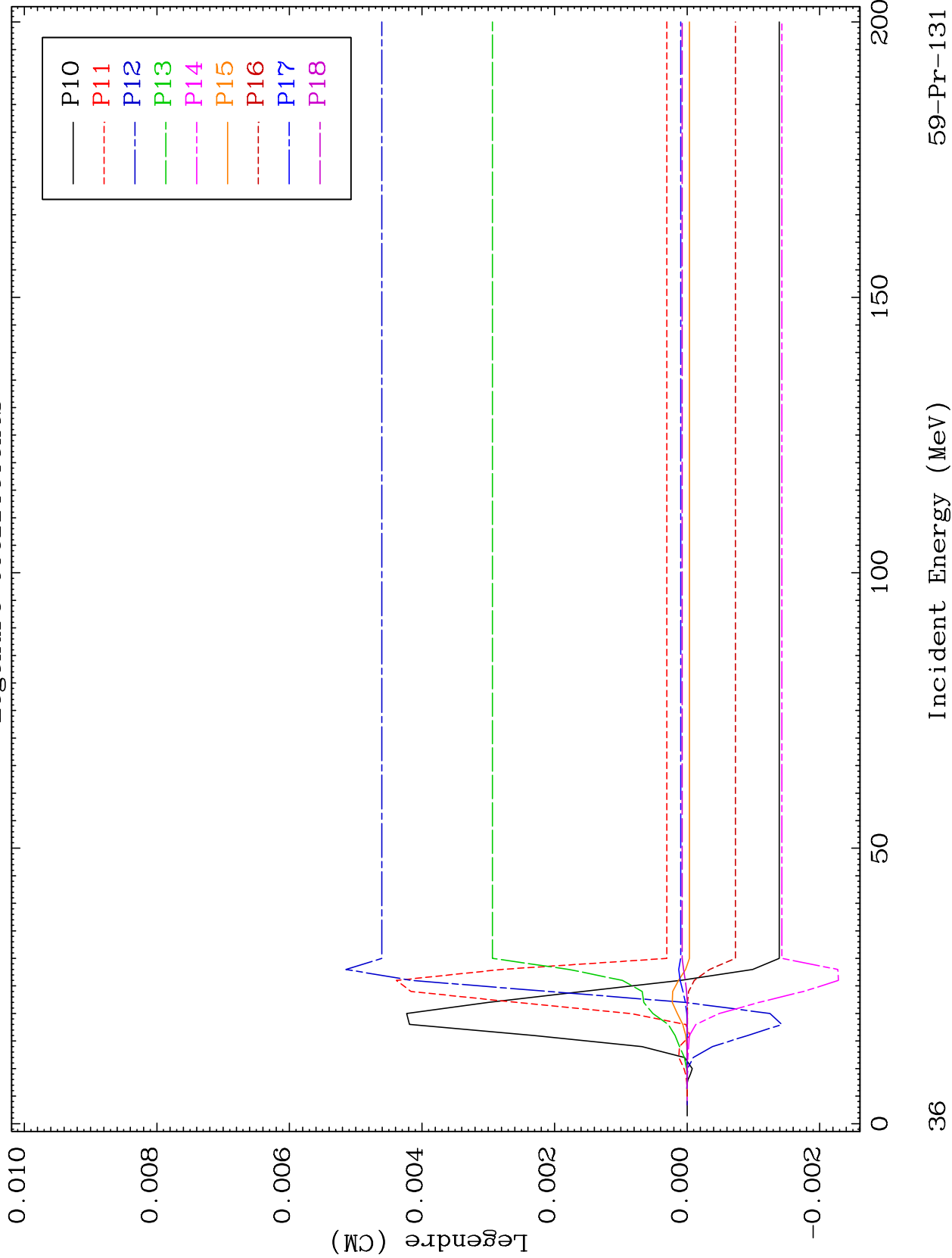
Incident Energy (MeV)

35

MAT 5895

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

59-Pr-131



36

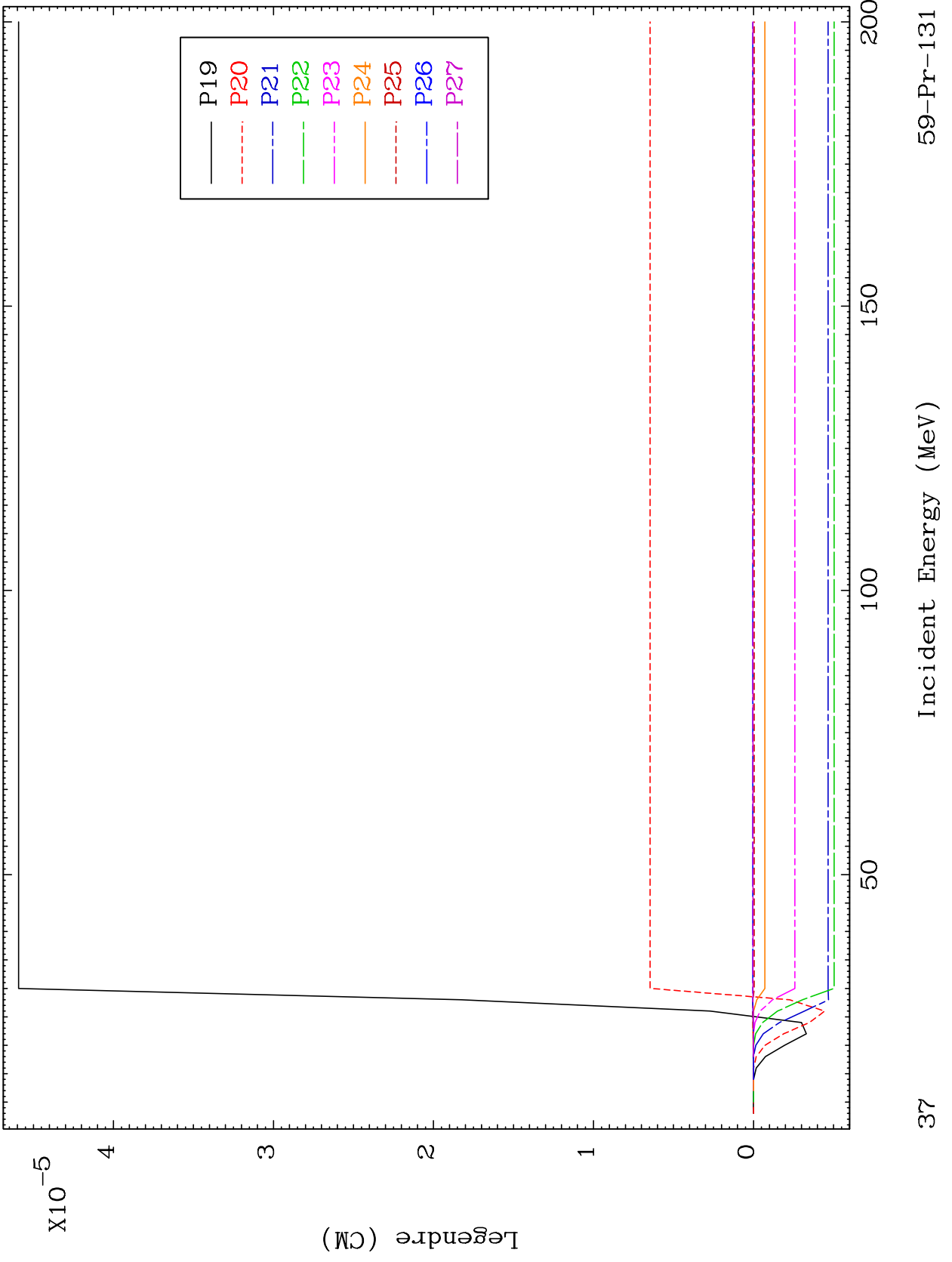
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



37

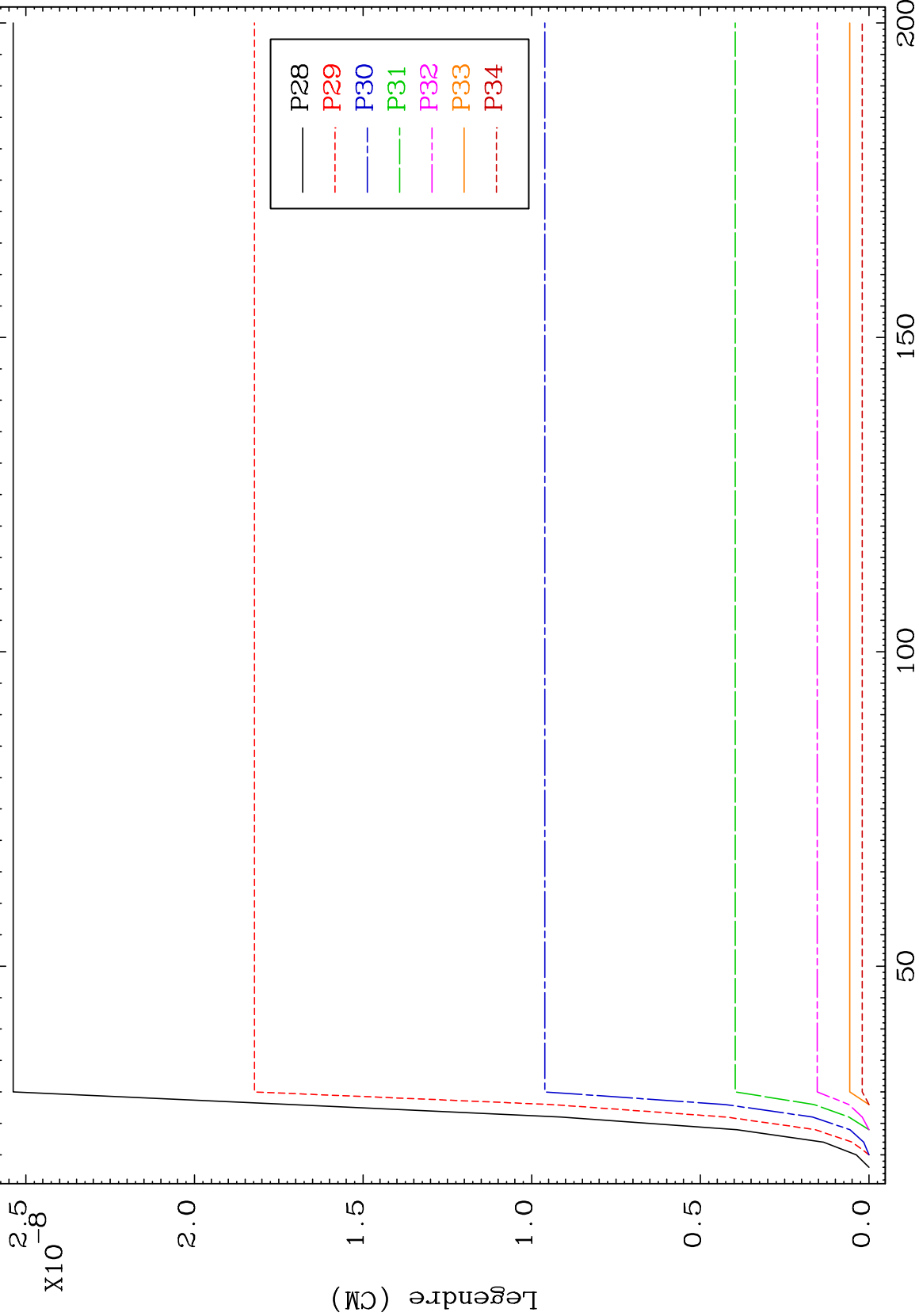
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



38

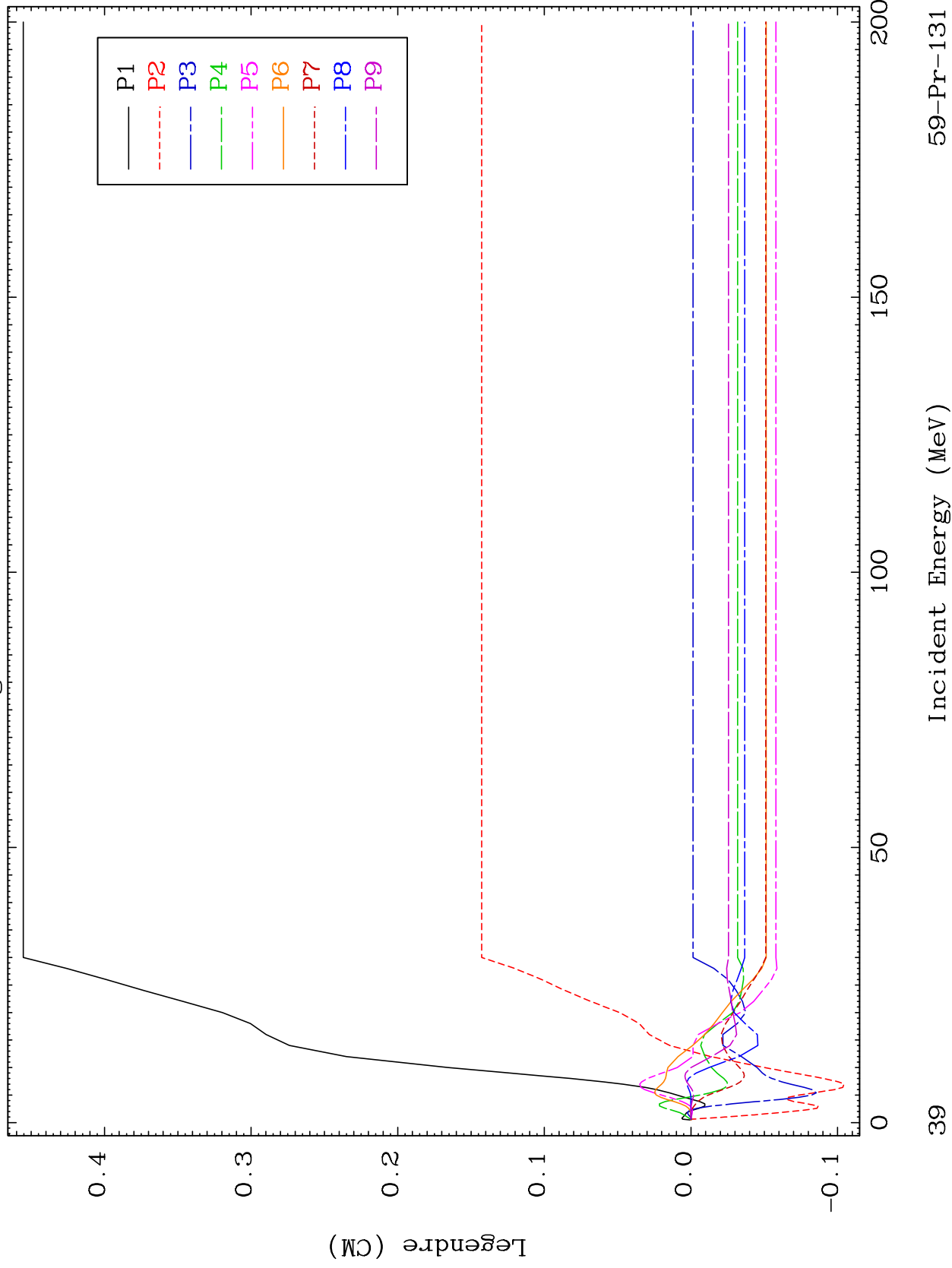
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

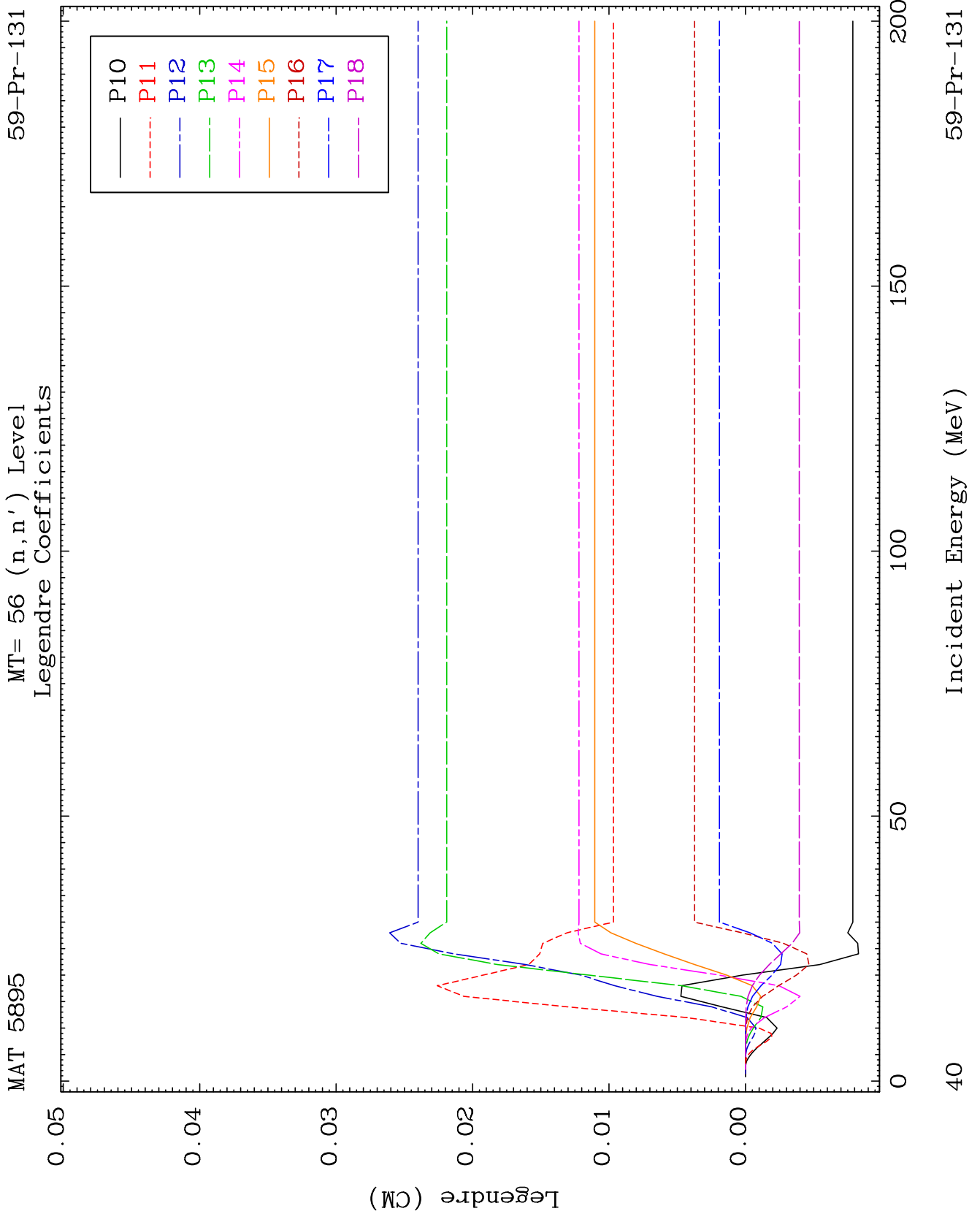
59-Pr-131



59-Pr-131

Incident Energy (MeV)

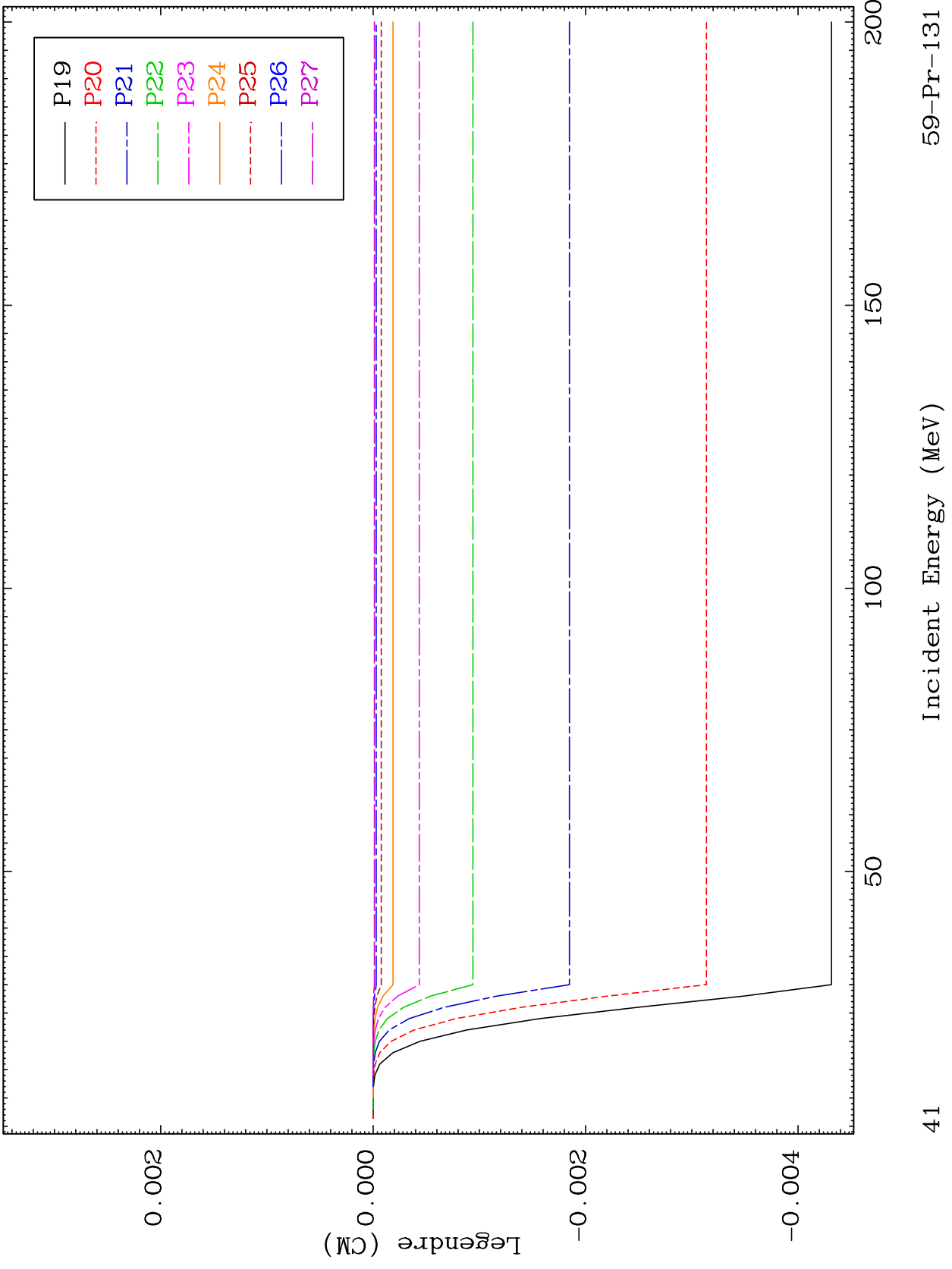
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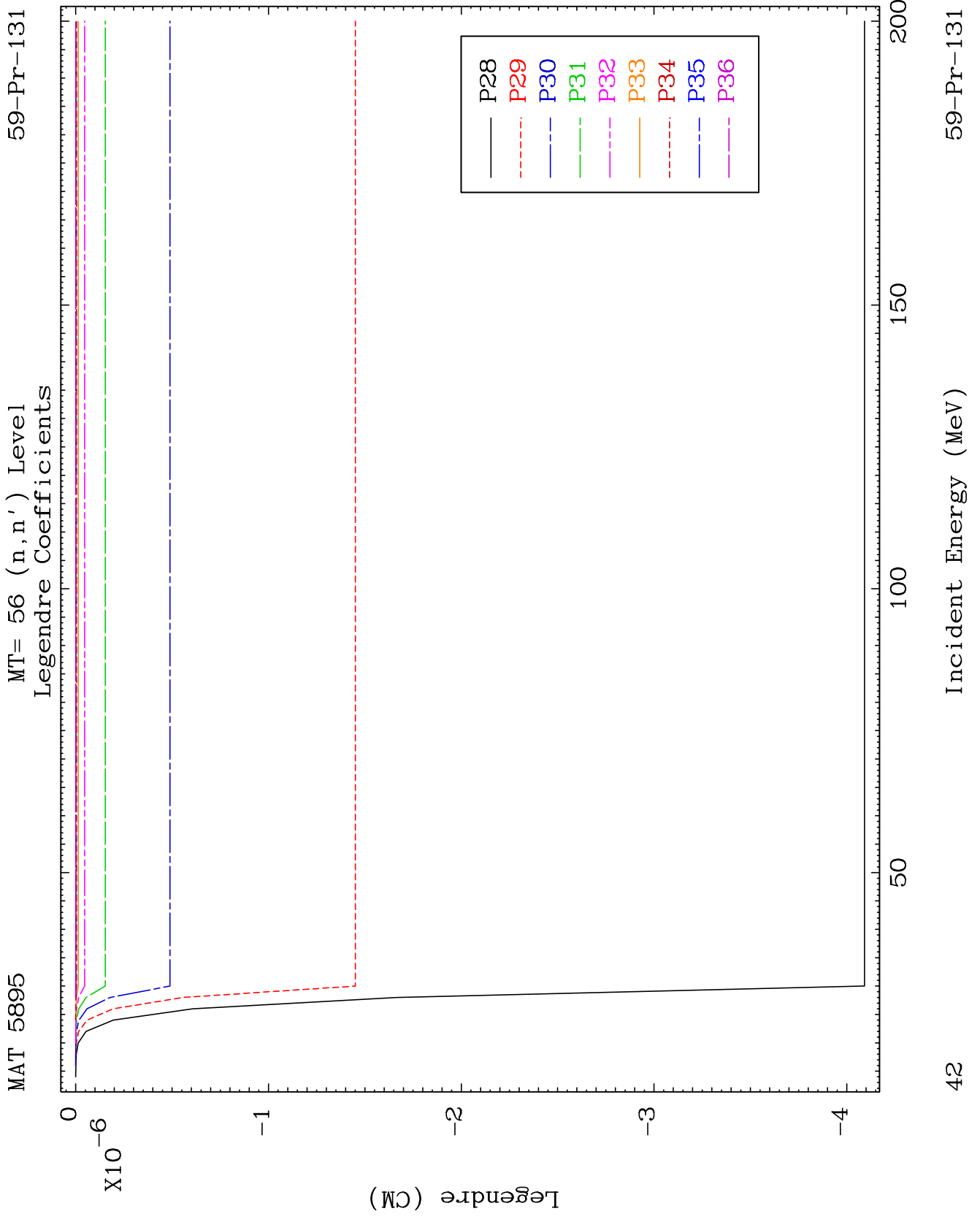


MAT 5895

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

59-Pr-131

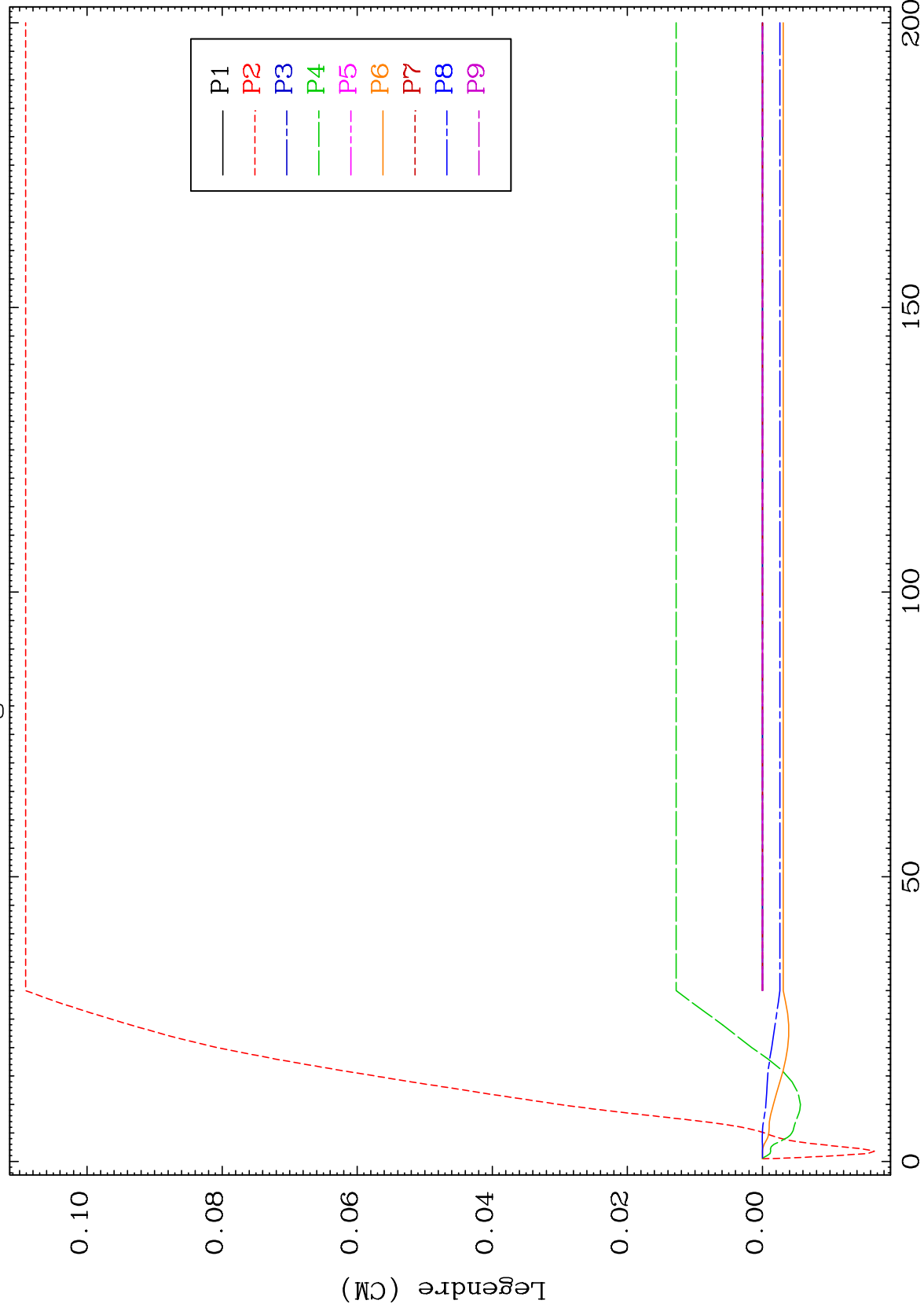




MAT 5895

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

59-Pr-131



59-Pr-131

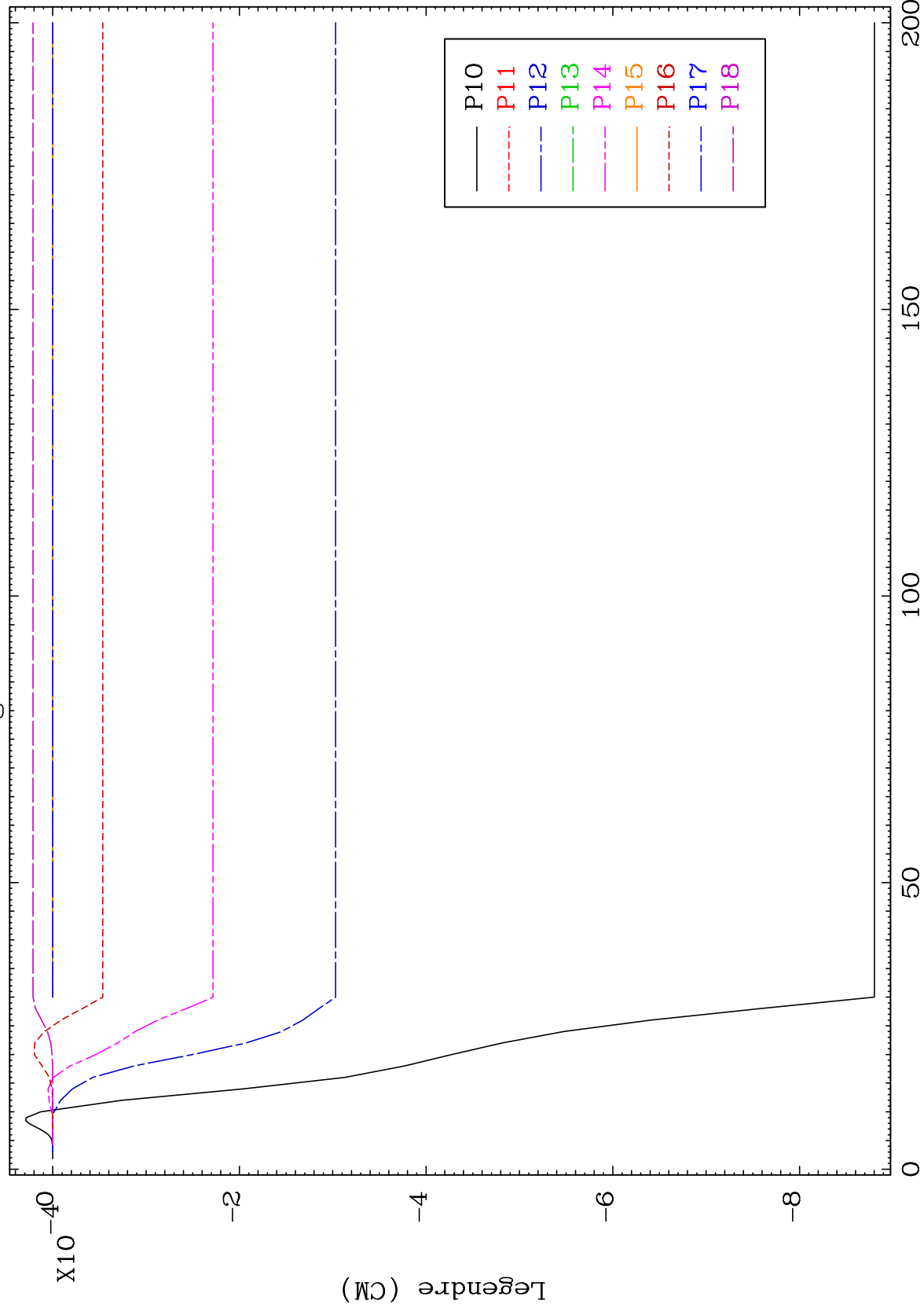
Incident Energy (MeV)

43

MAT 5895

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

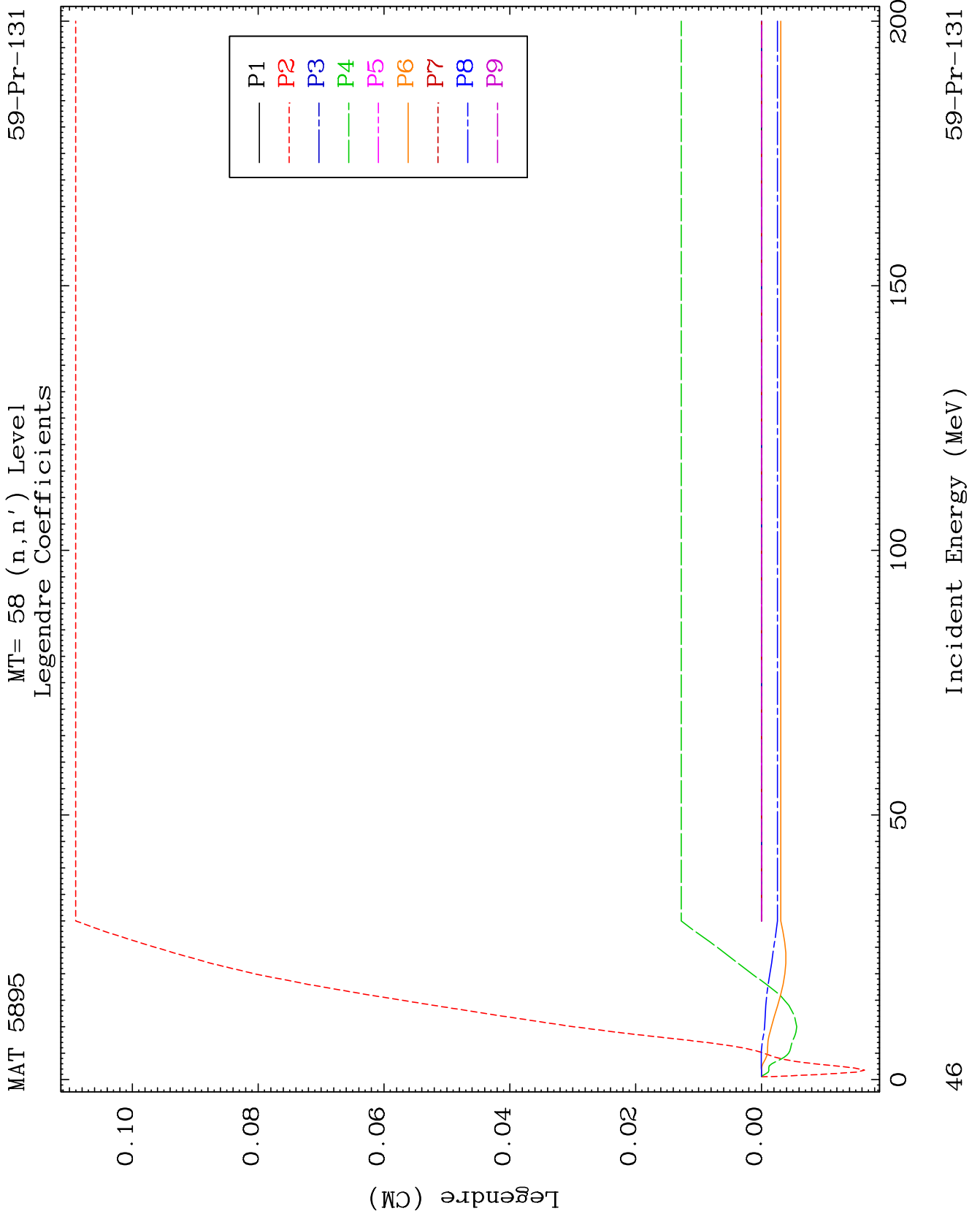
59-Pr-131



44

Incident Energy (MeV)

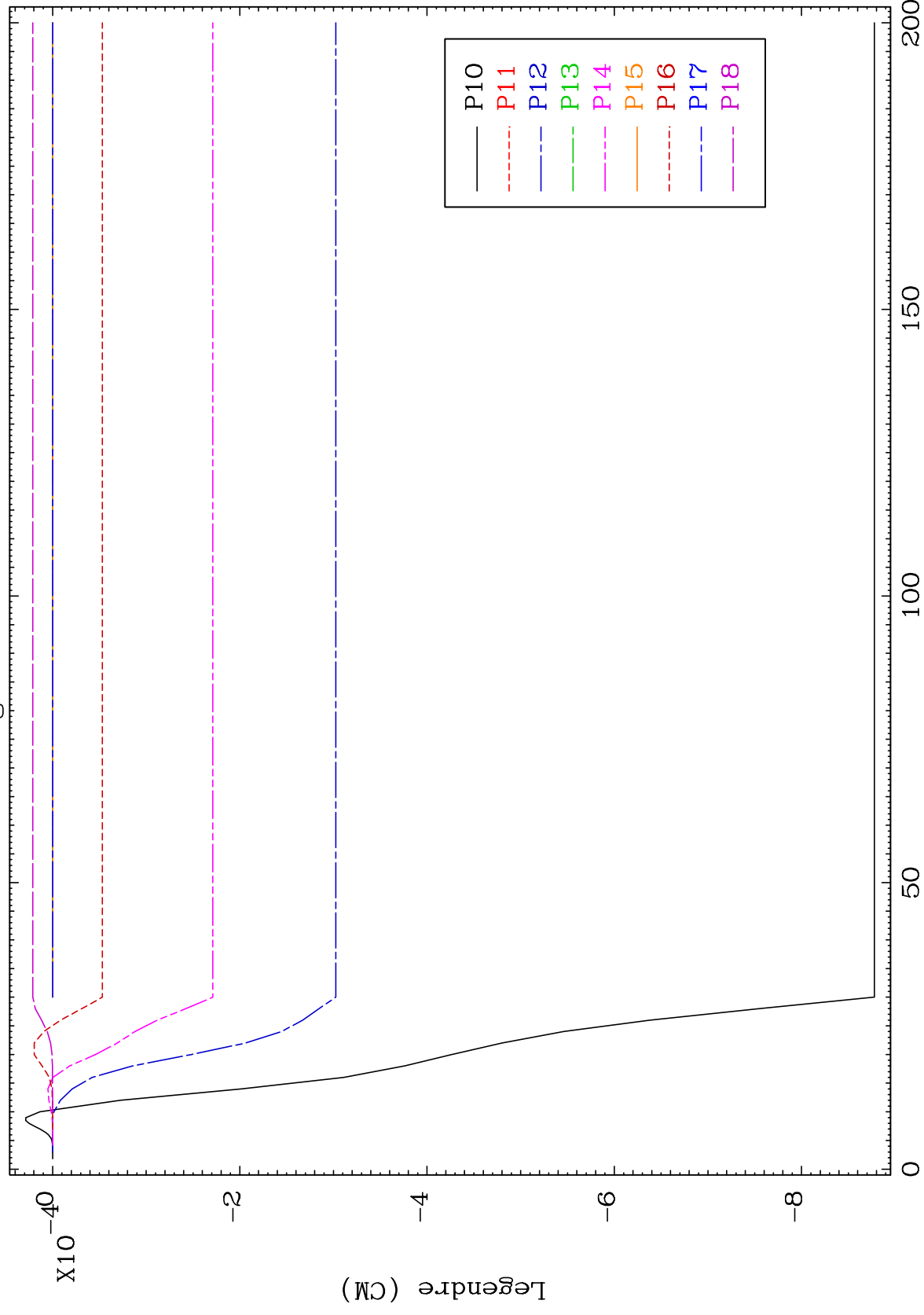
59-Pr-131



MAT 5895

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

59-Pr-131



47

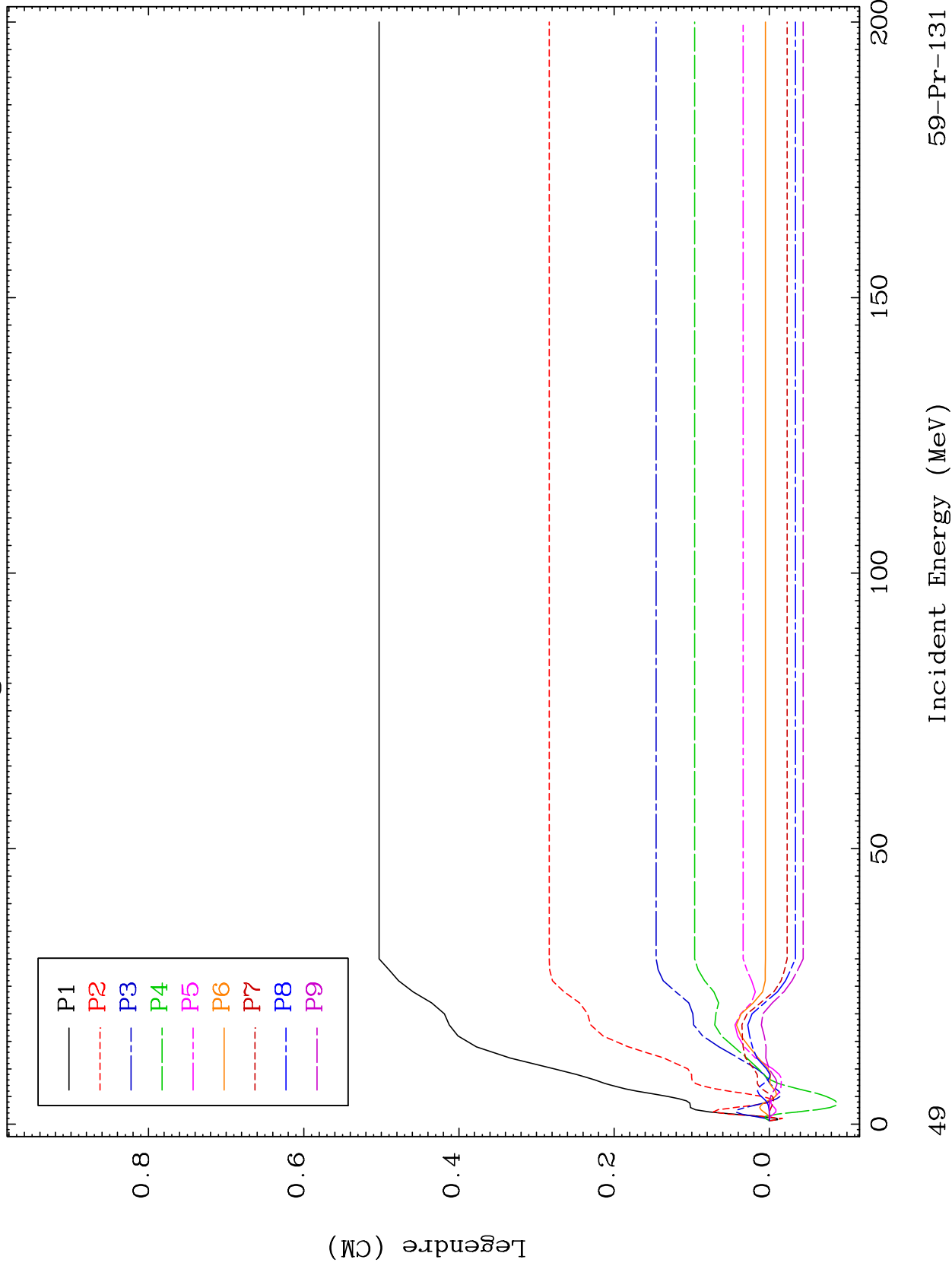
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



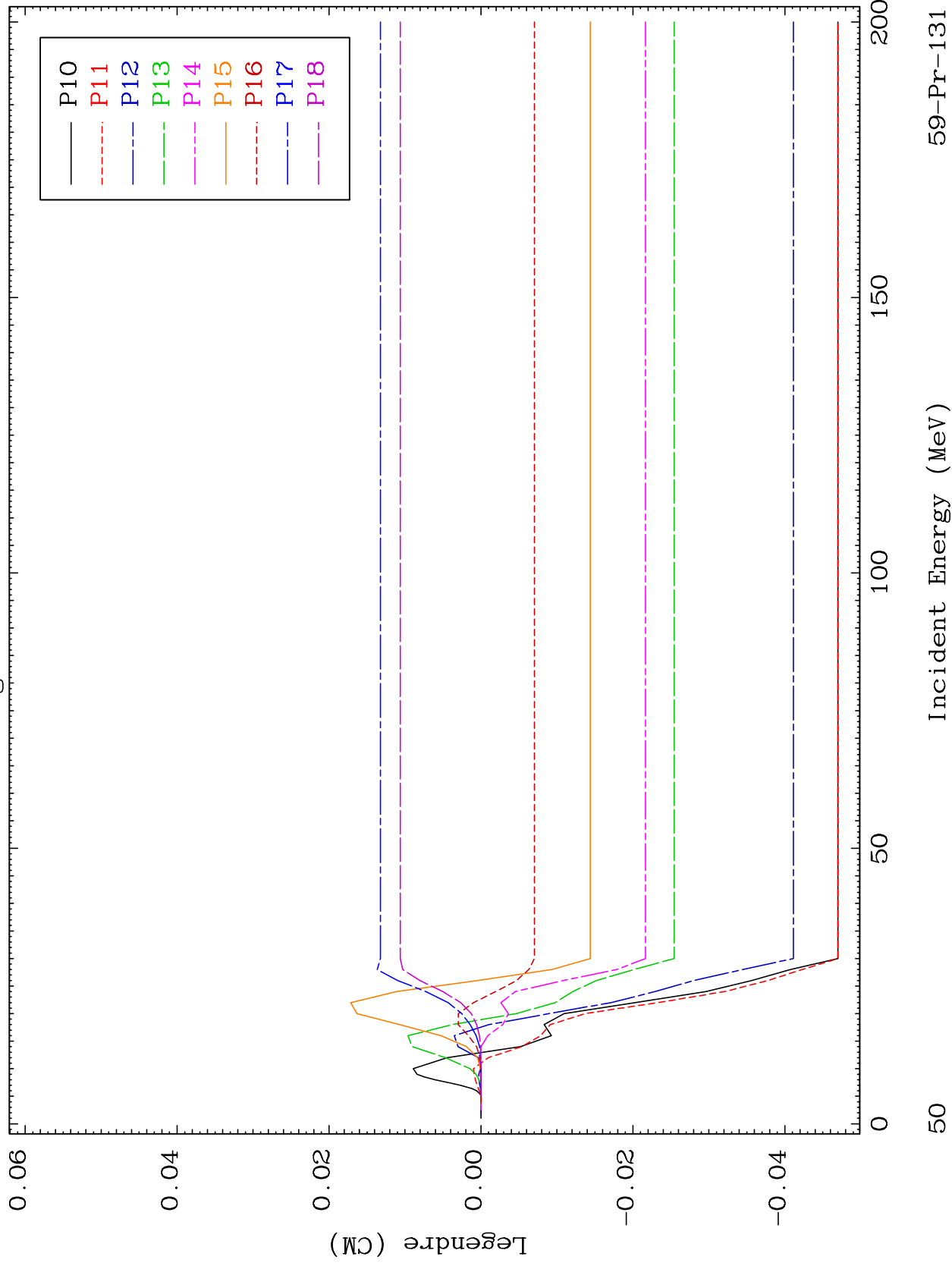
49

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

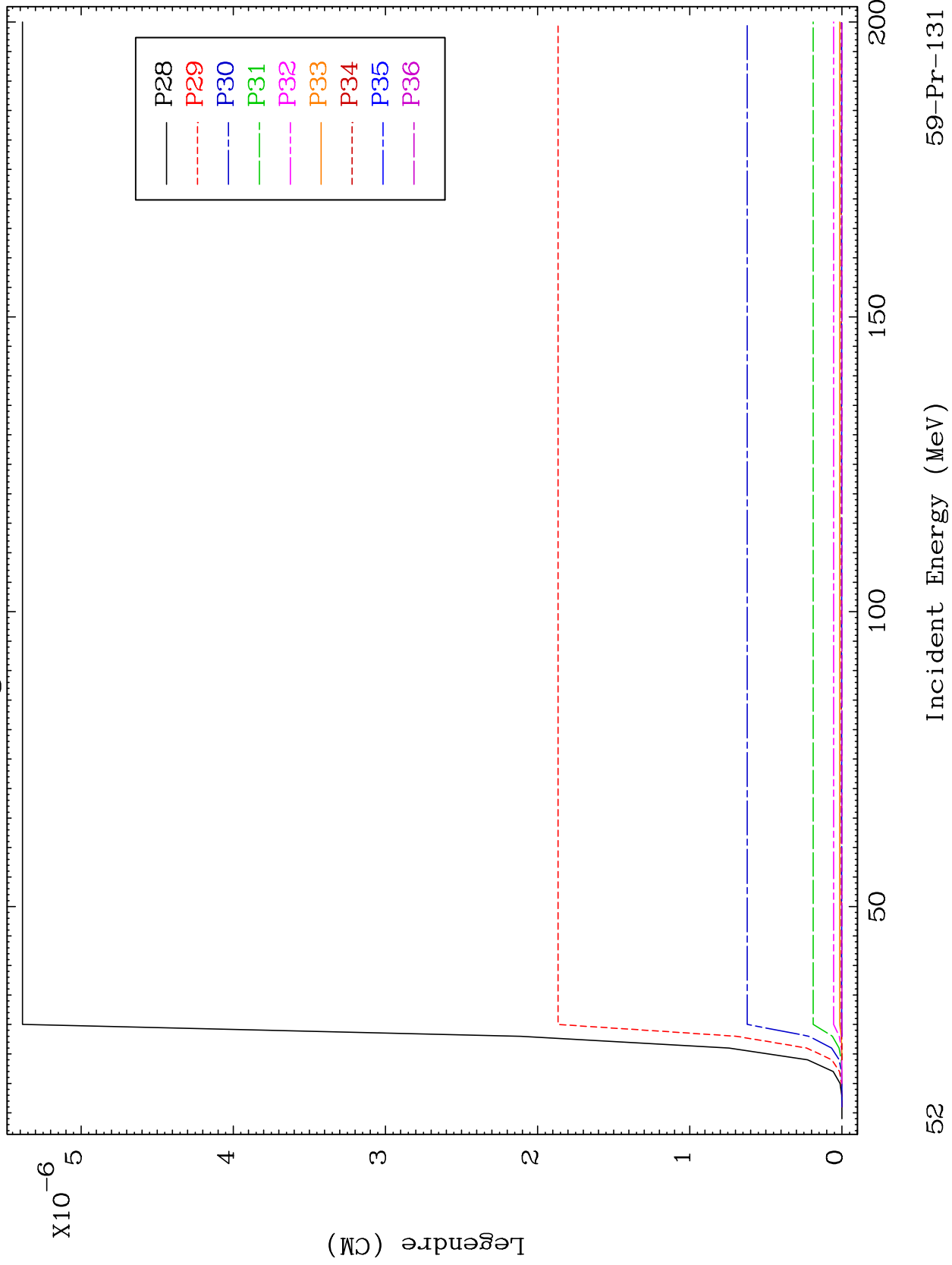
Incident Energy (MeV)

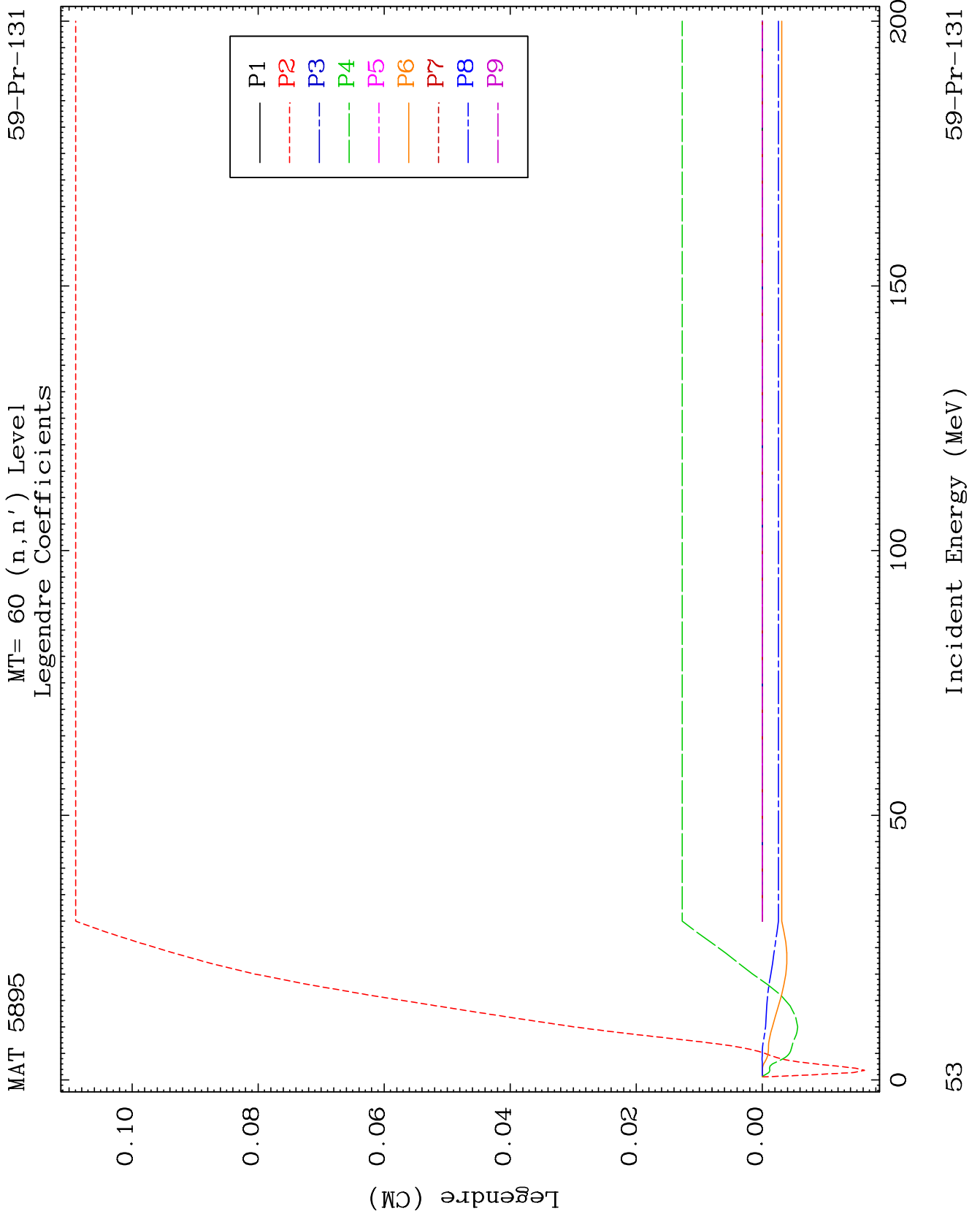
50

MAT 5895

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

59-Pr-131

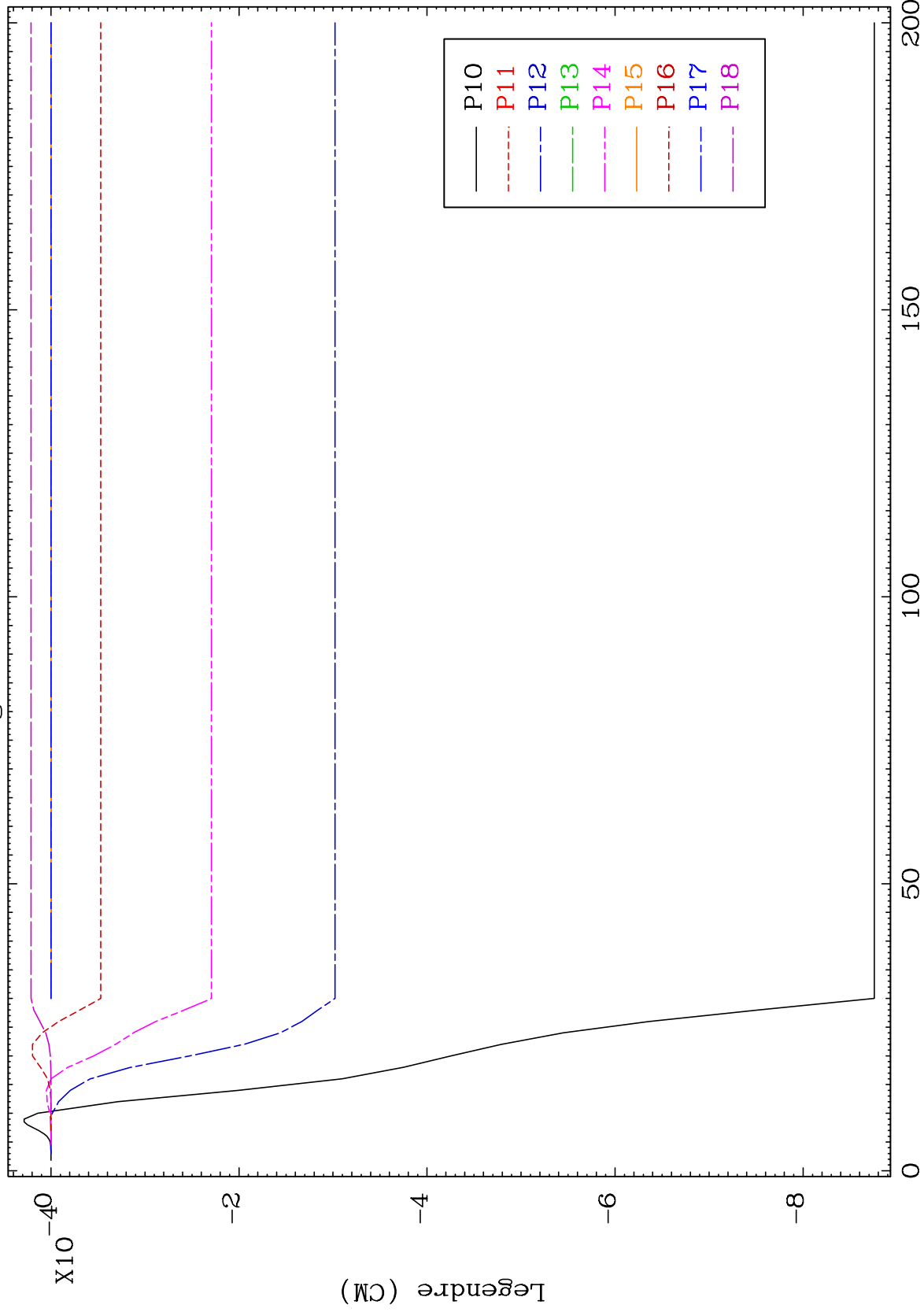




MAT 5895

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

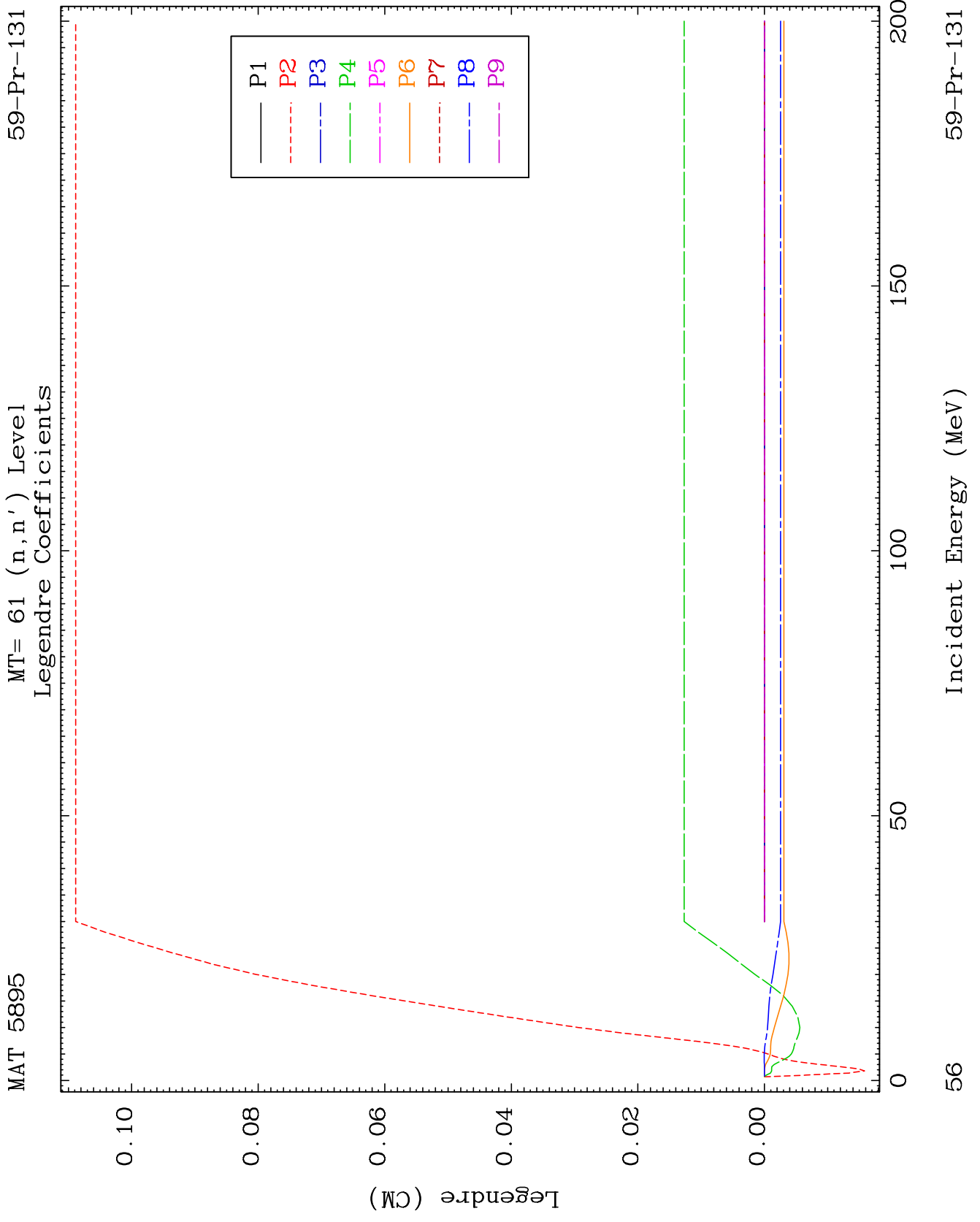
59-Pr-131



54

Incident Energy (MeV)

59-Pr-131



59-Pr-131

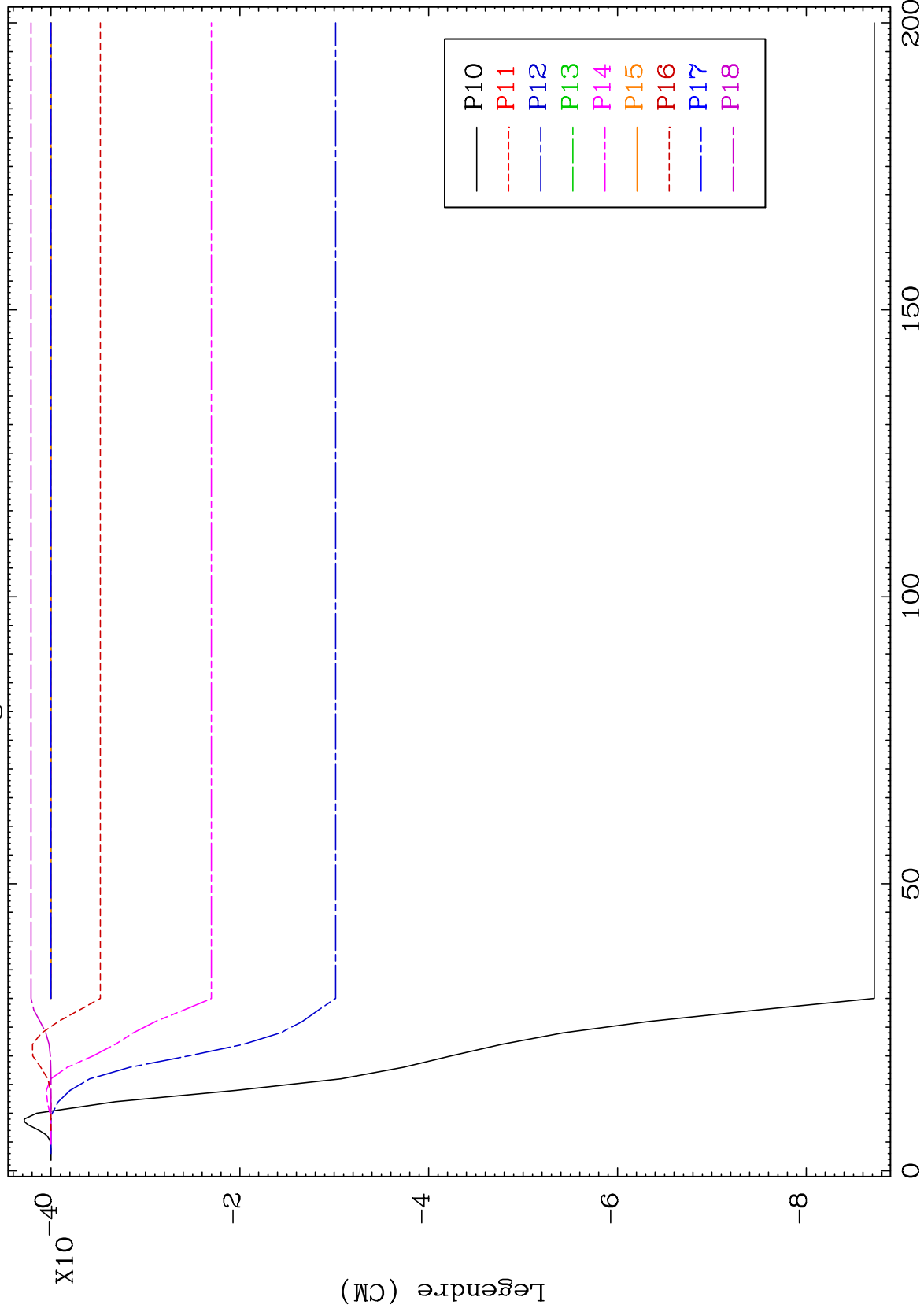
Incident Energy (MeV)

56

MAT 5895

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

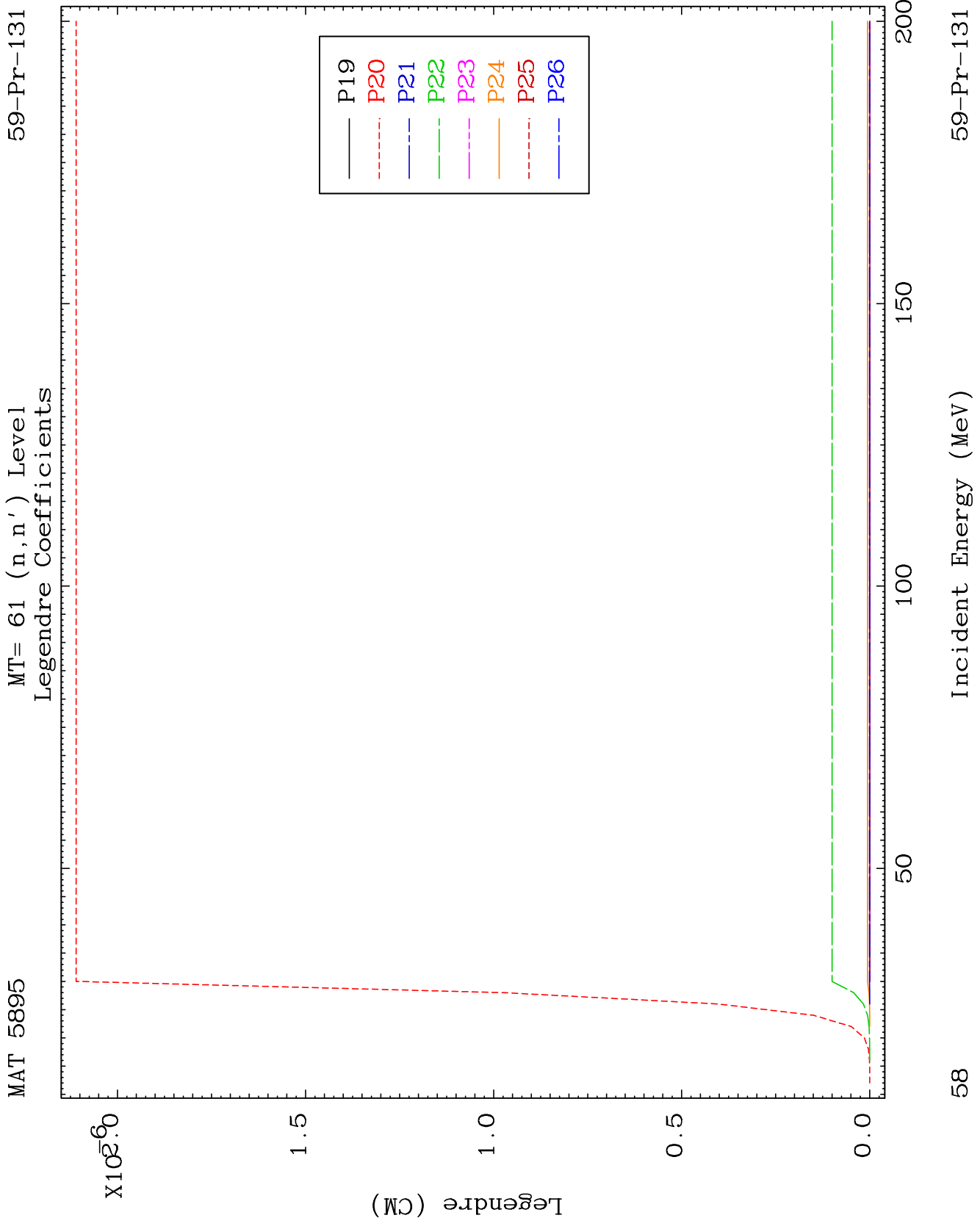
59-Pr-131



57

Incident Energy (MeV)

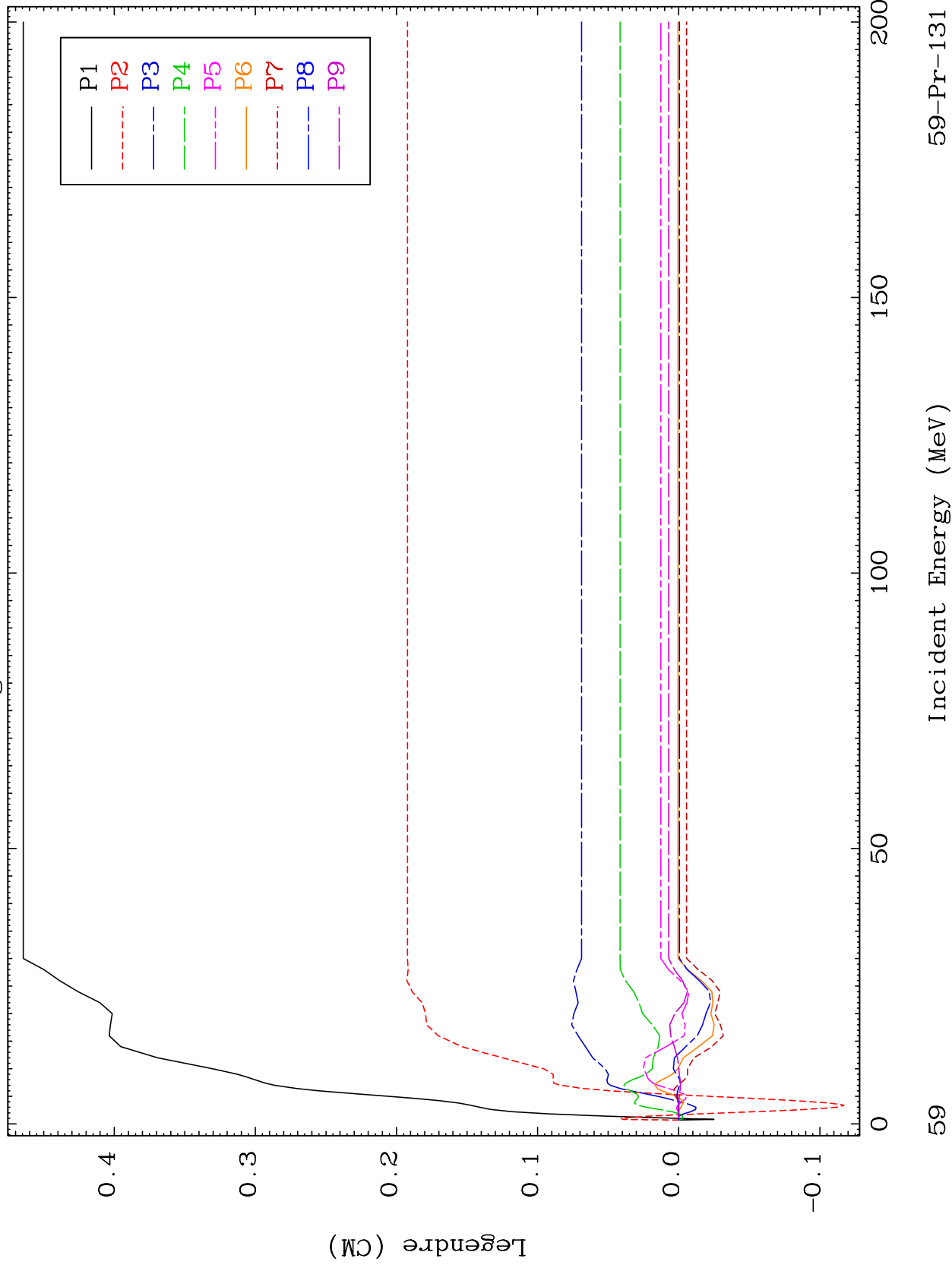
59-Pr-131



MAT 5895

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

59-Pr-131



59-Pr-131

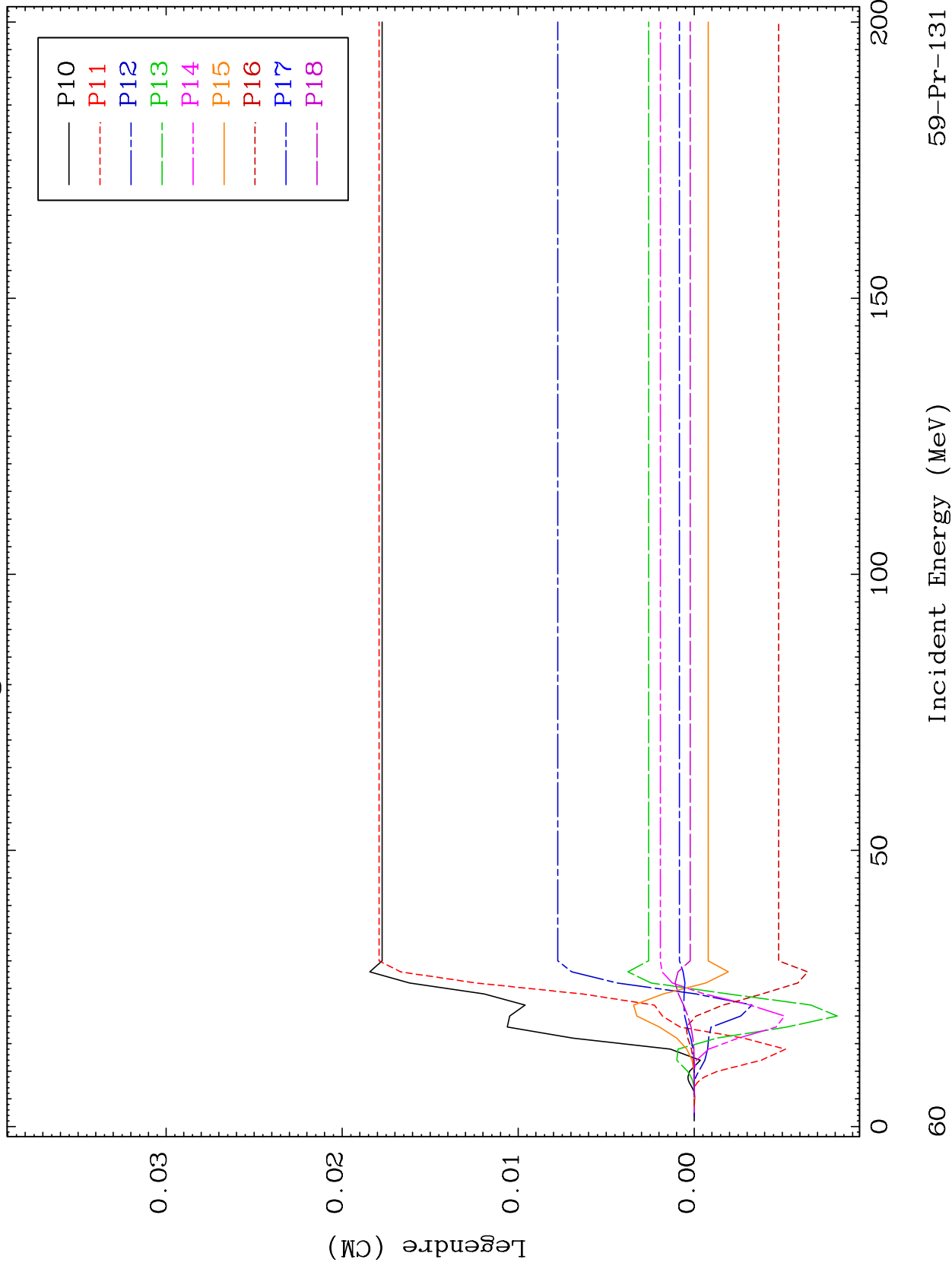
Incident Energy (MeV)

59

MAT 5895

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

59-Pr-131



59-Pr-131

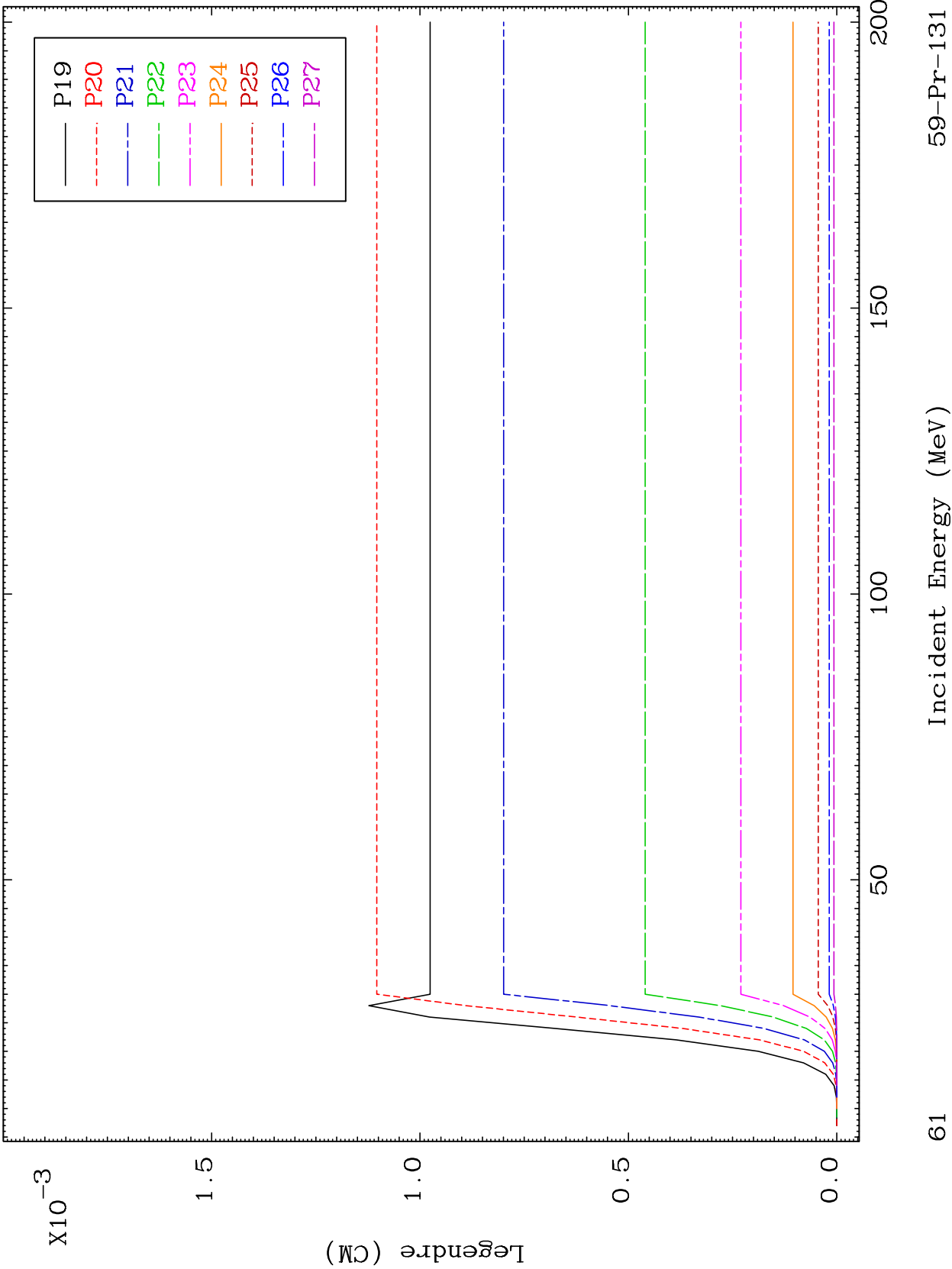
Incident Energy (MeV)

60

MAT 5895

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

59-Pr-131



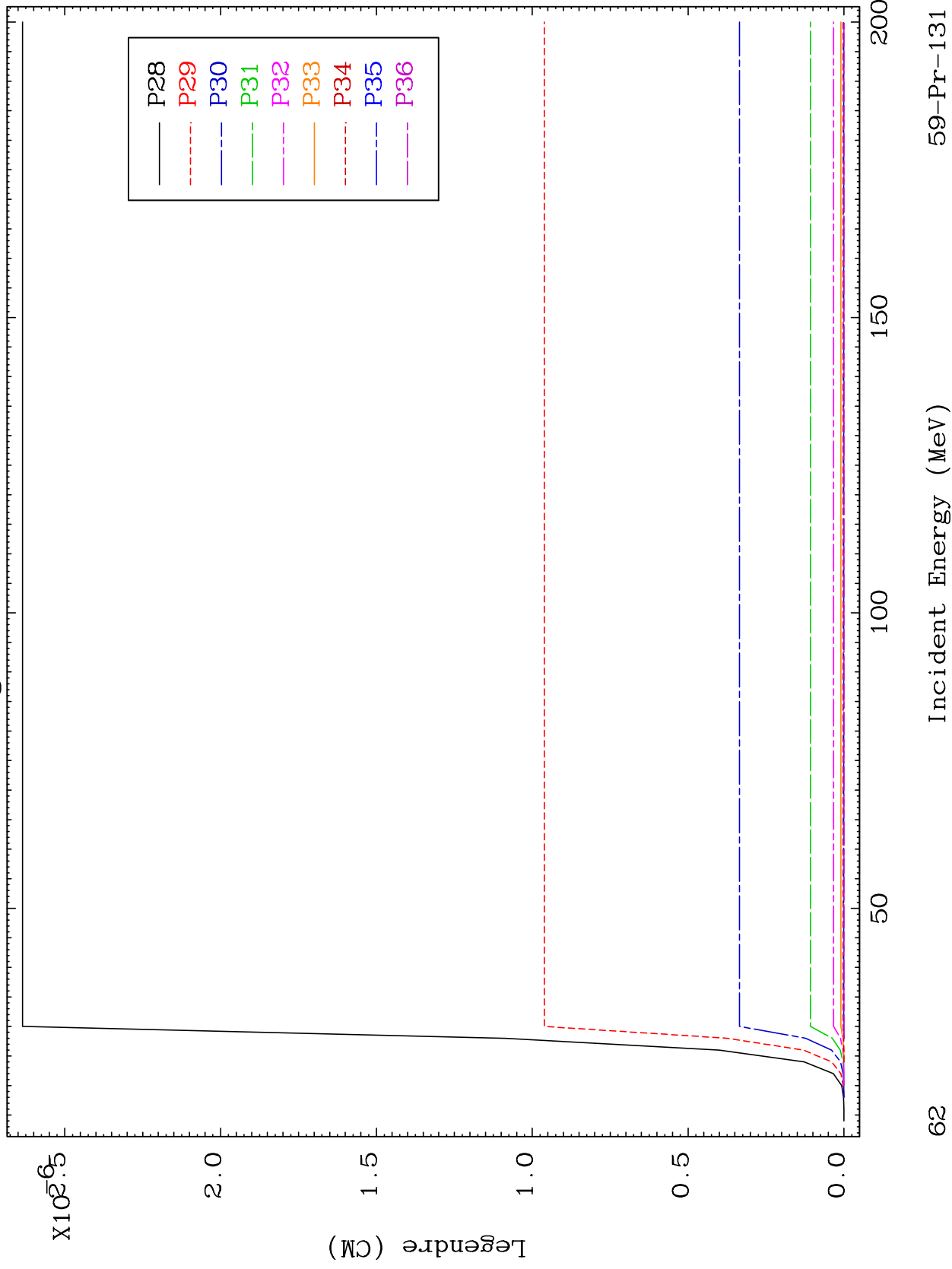
61

59-Pr-131

MAT 5895

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

59-Pr-131



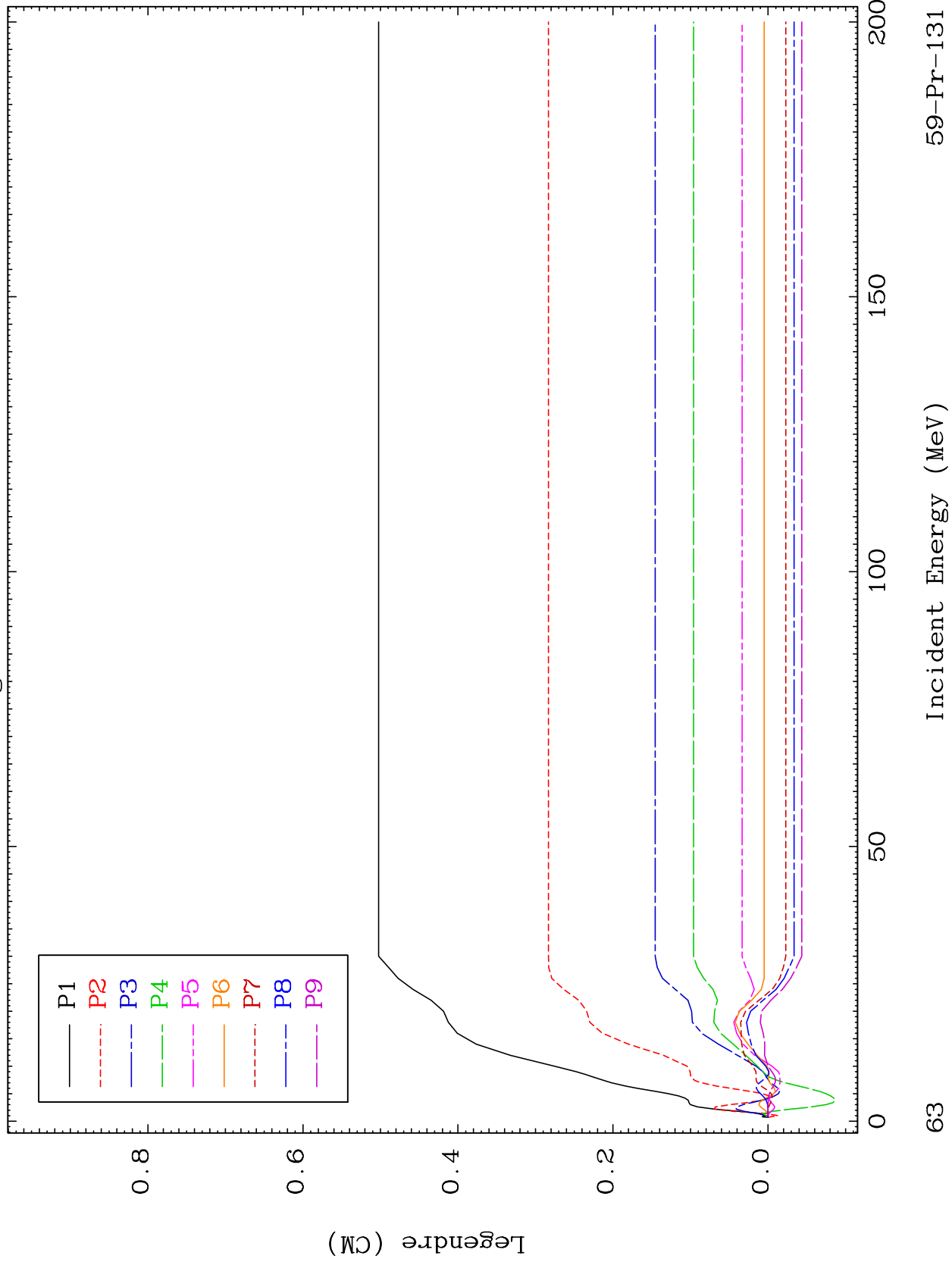
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59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

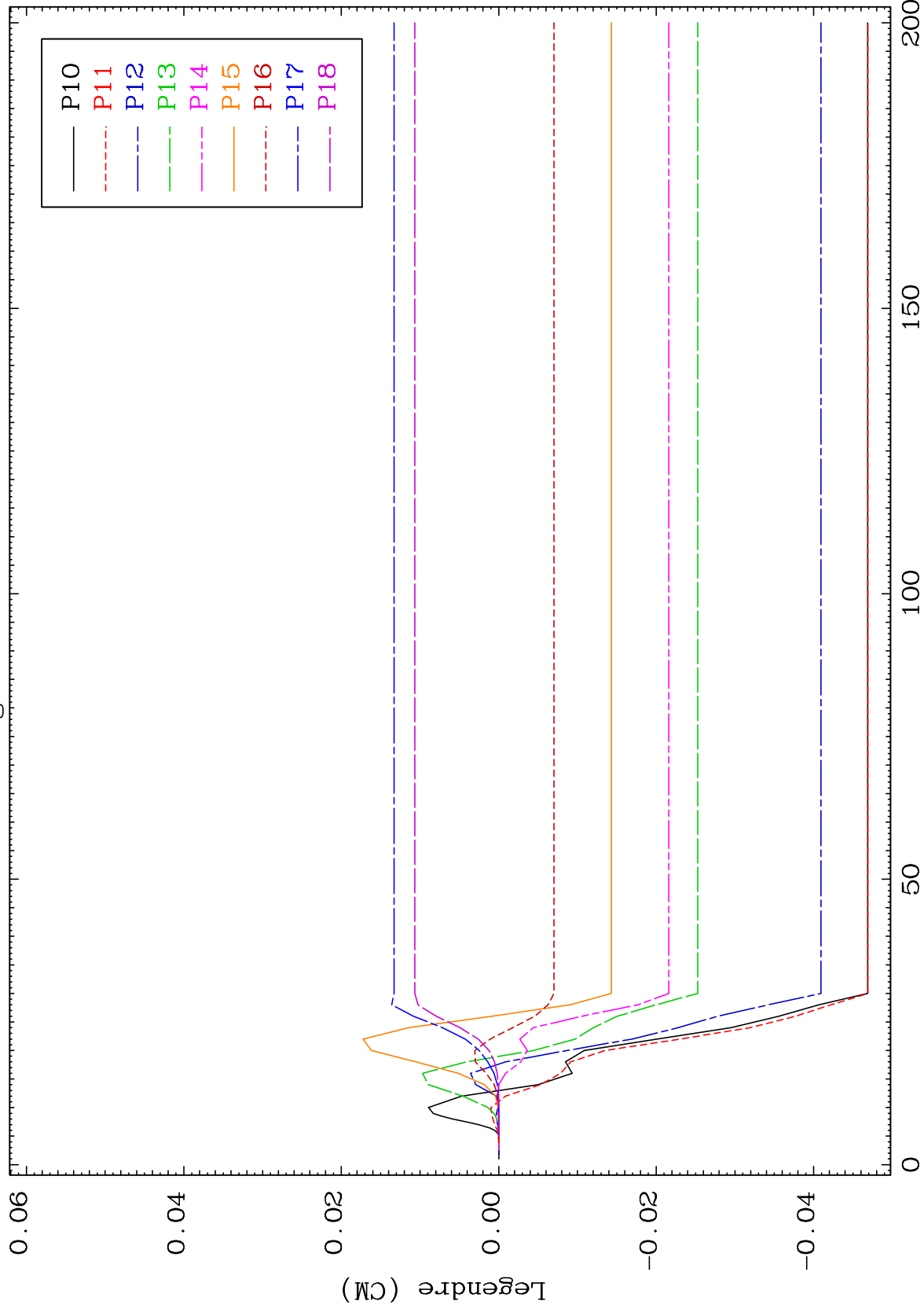
Incident Energy (MeV)

63

MAT 5895

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

59-Pr-131



64

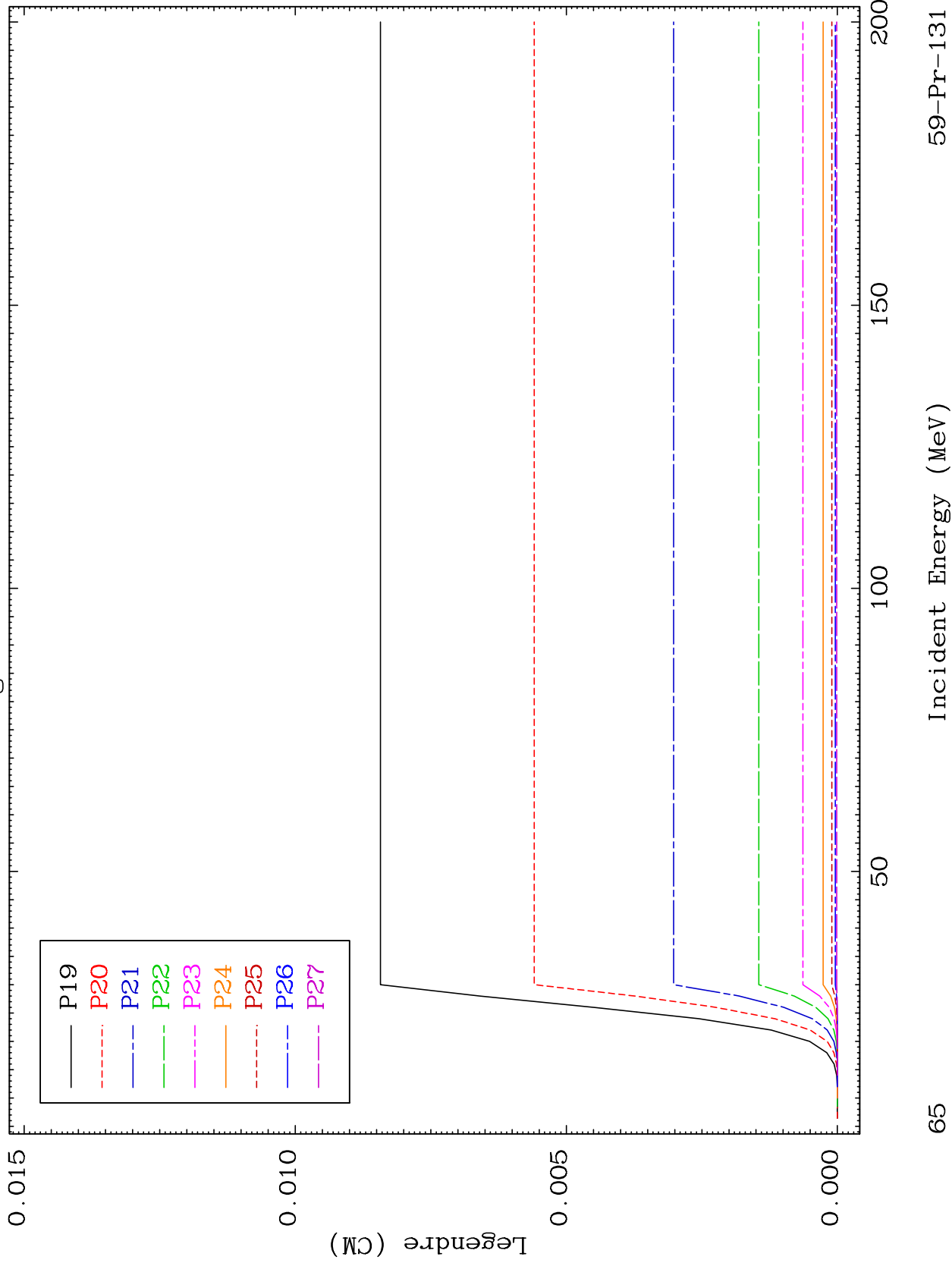
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



65

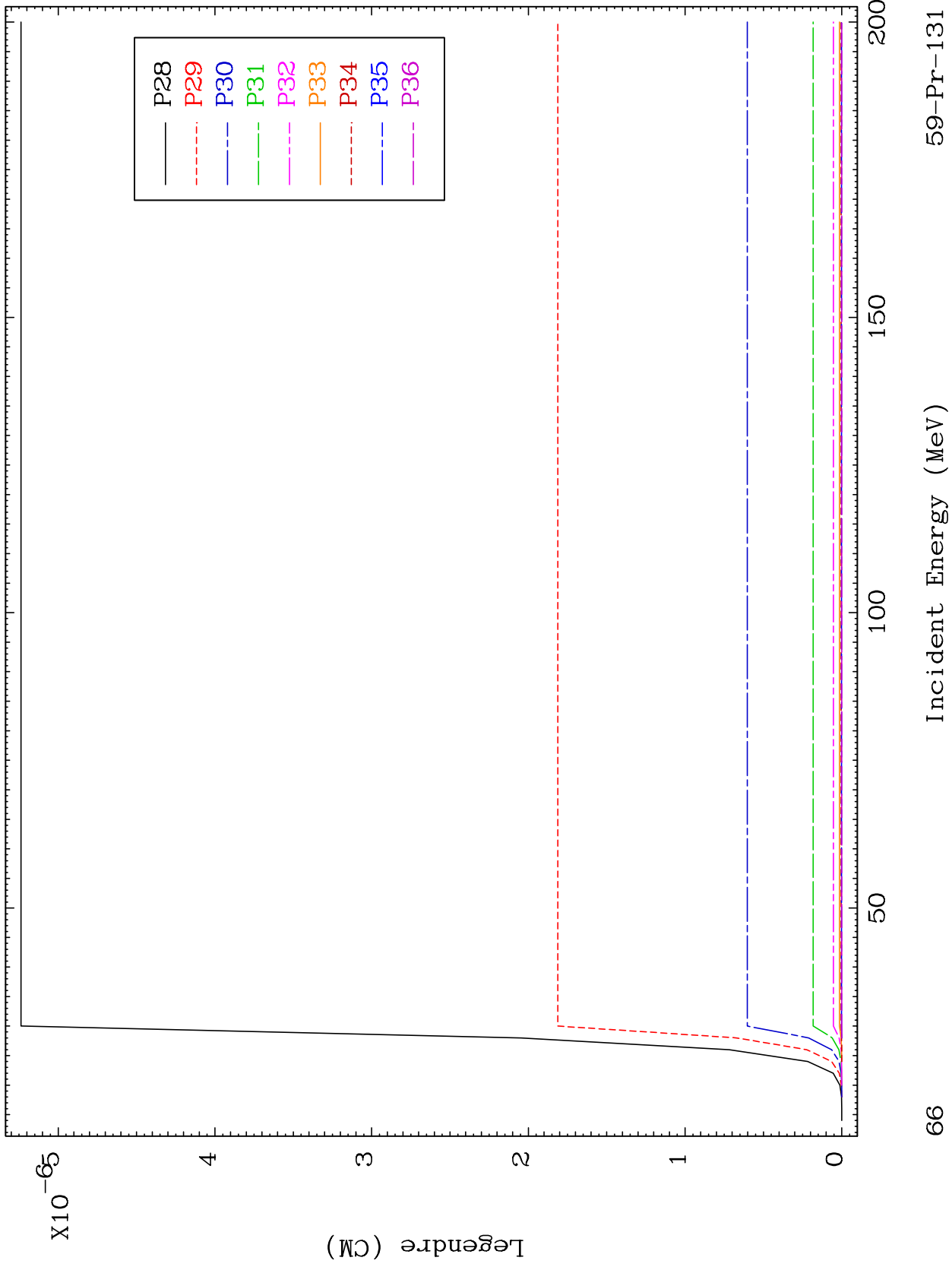
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

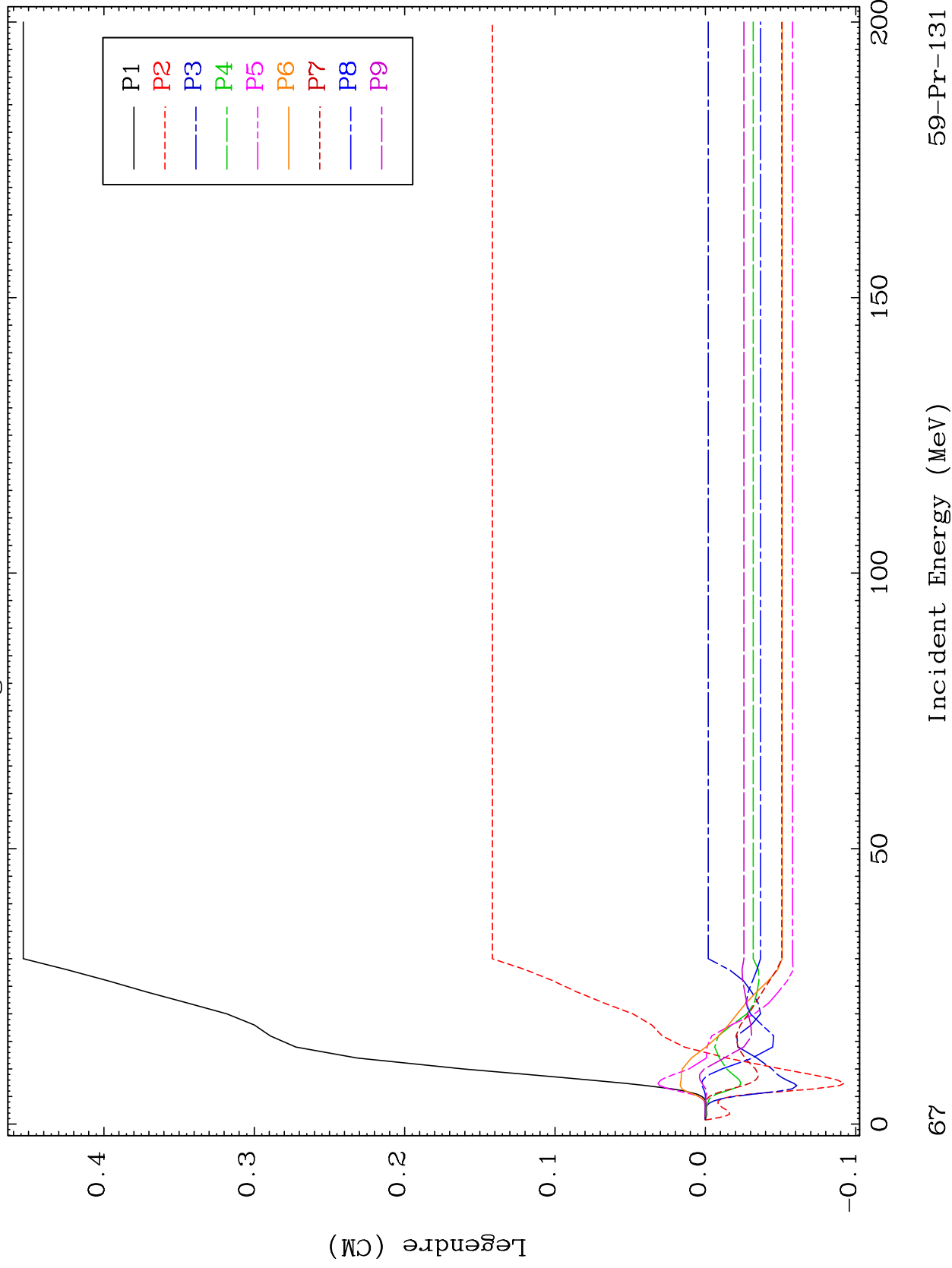
59-Pr-131



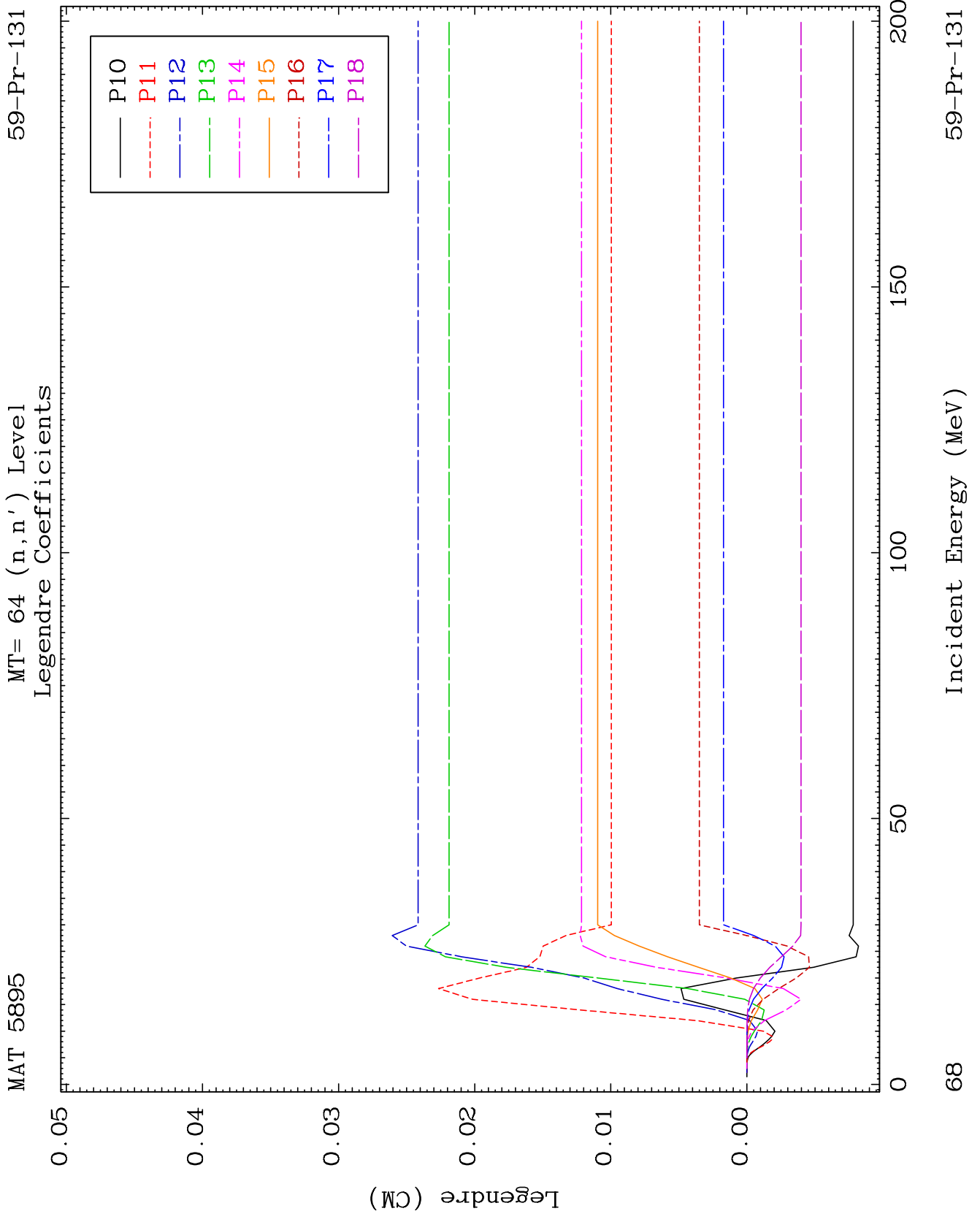
MAT 5895

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

59-Pr-131



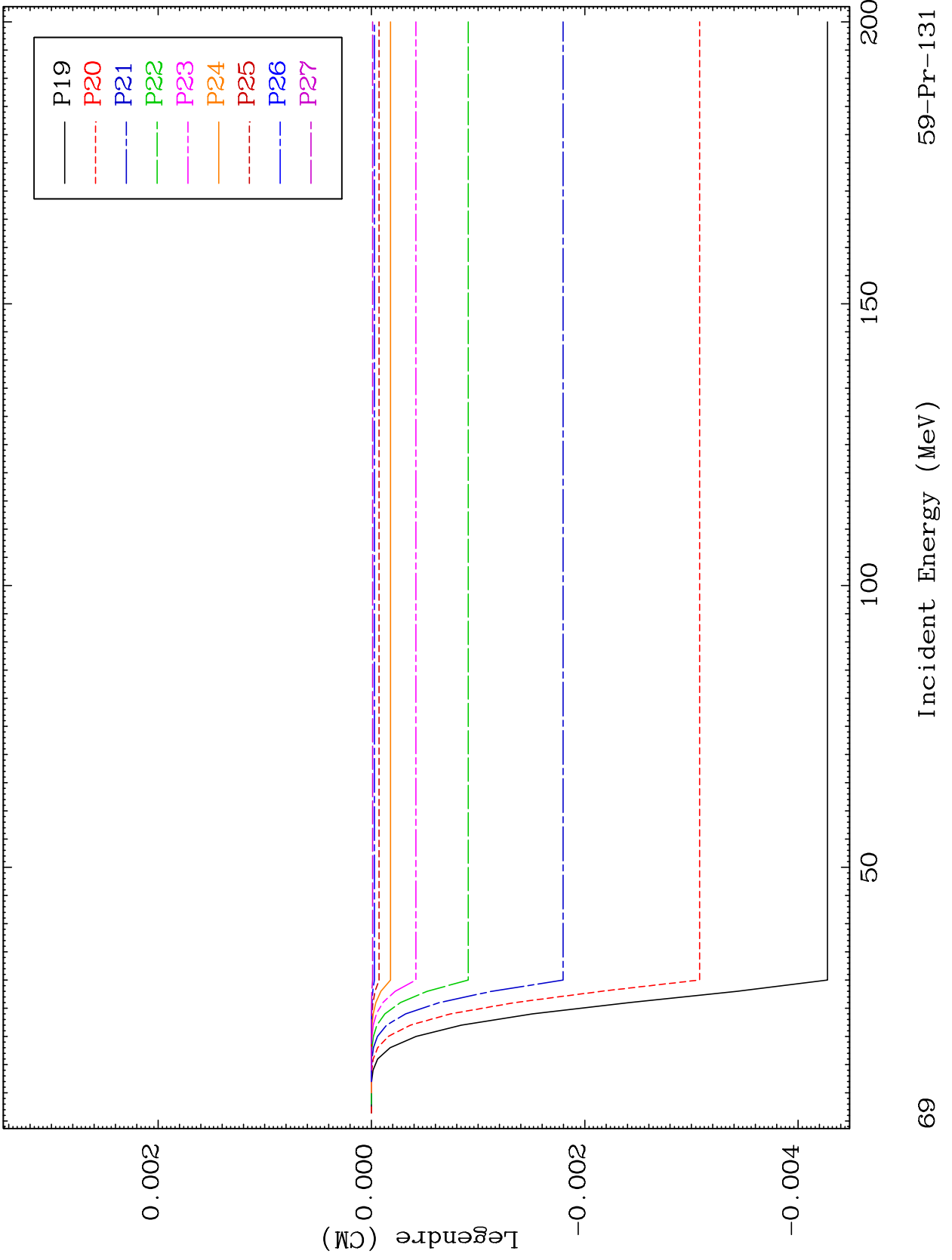
59-Pr-131



MAT 5895

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

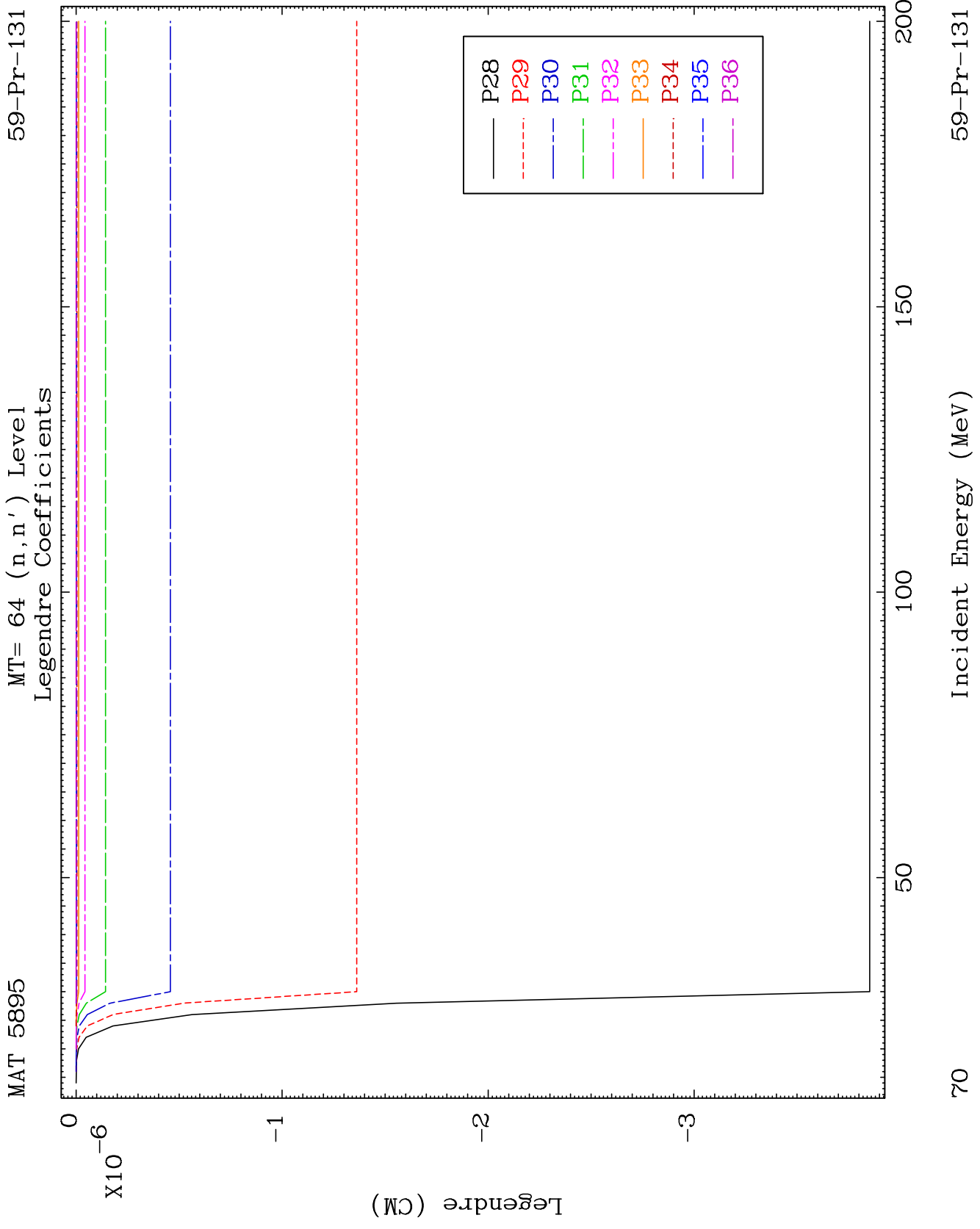
59-Pr-131



69

Incident Energy (MeV)

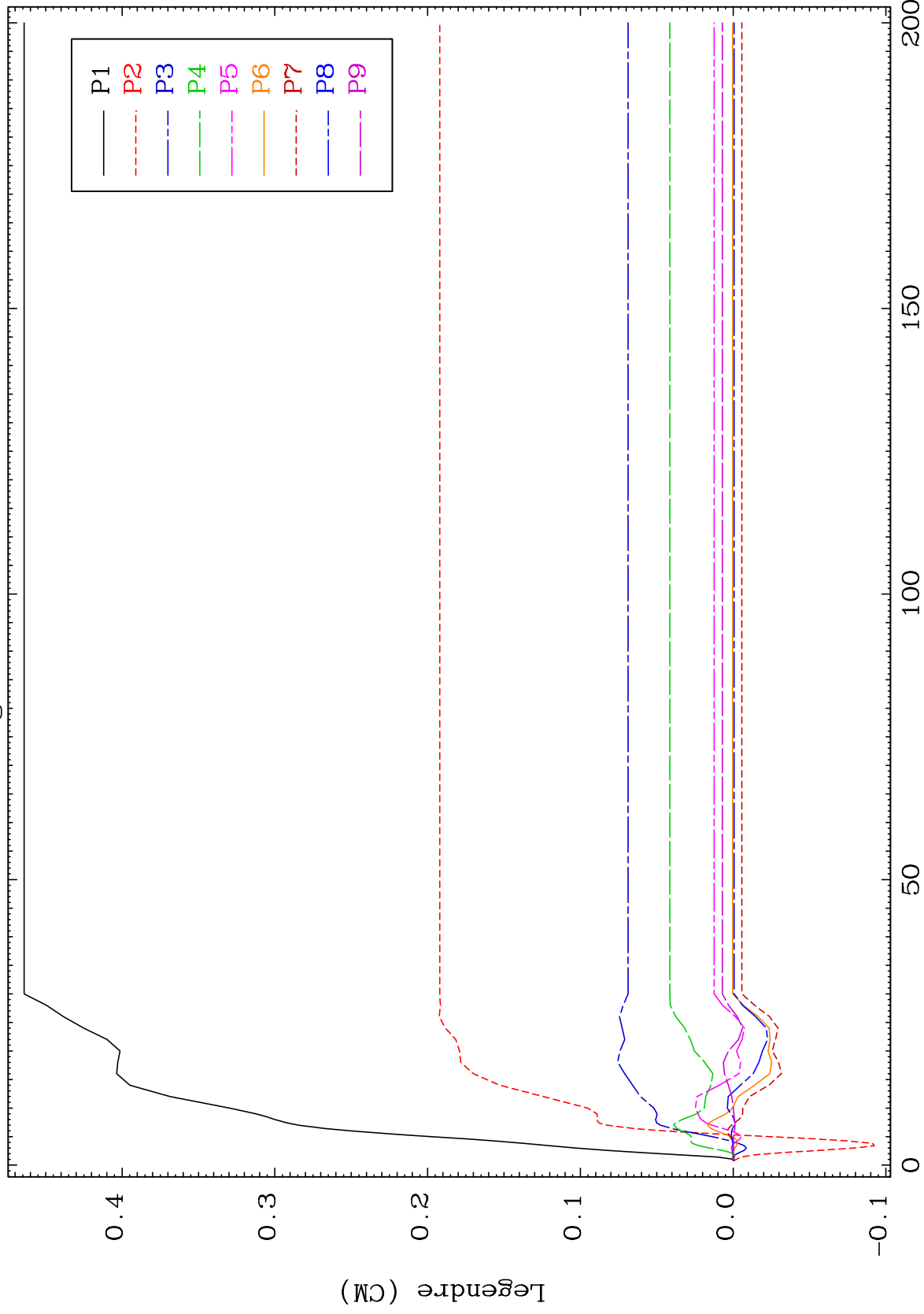
59-Pr-131



MAT 5895

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

59-Pr-131



71

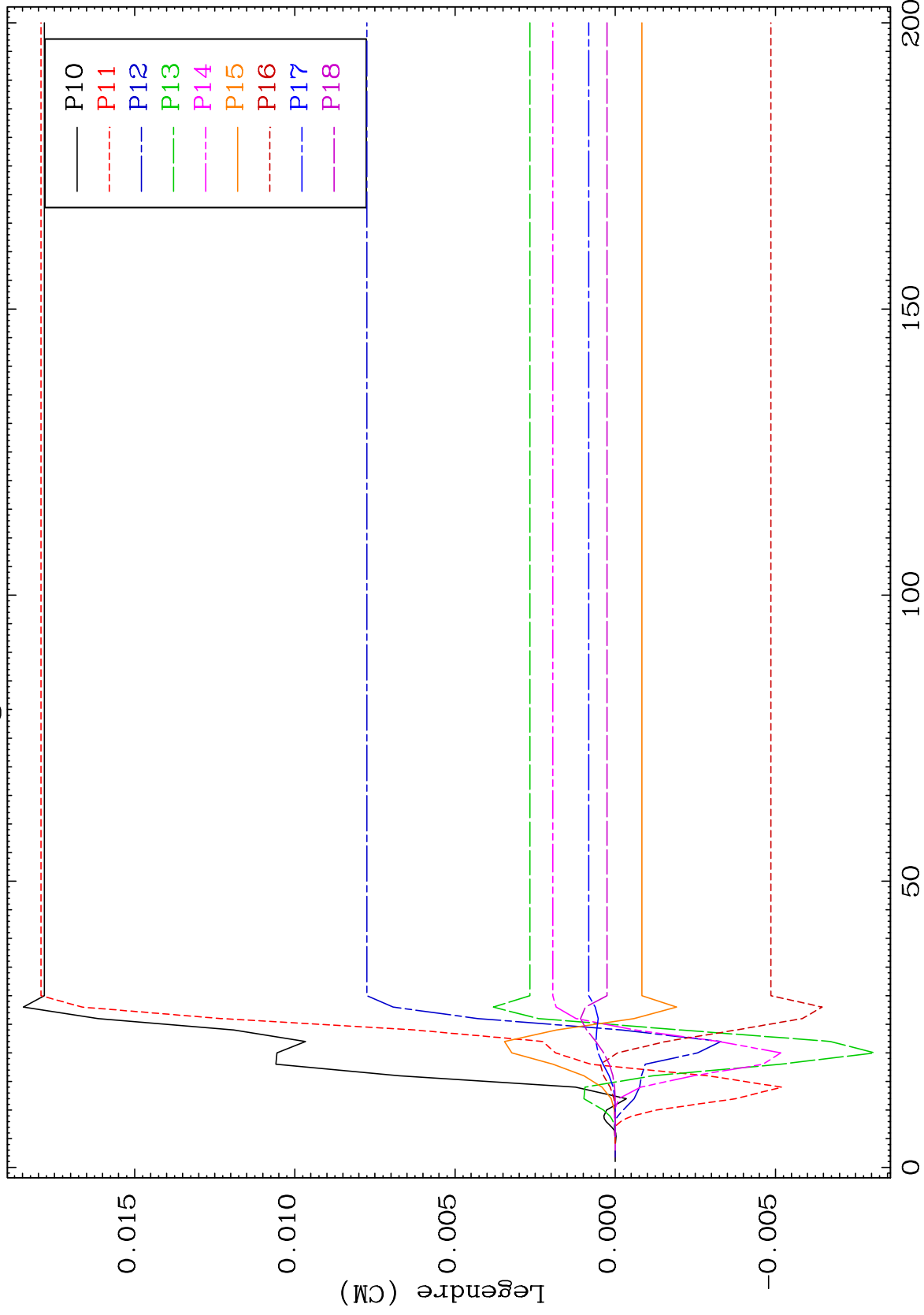
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



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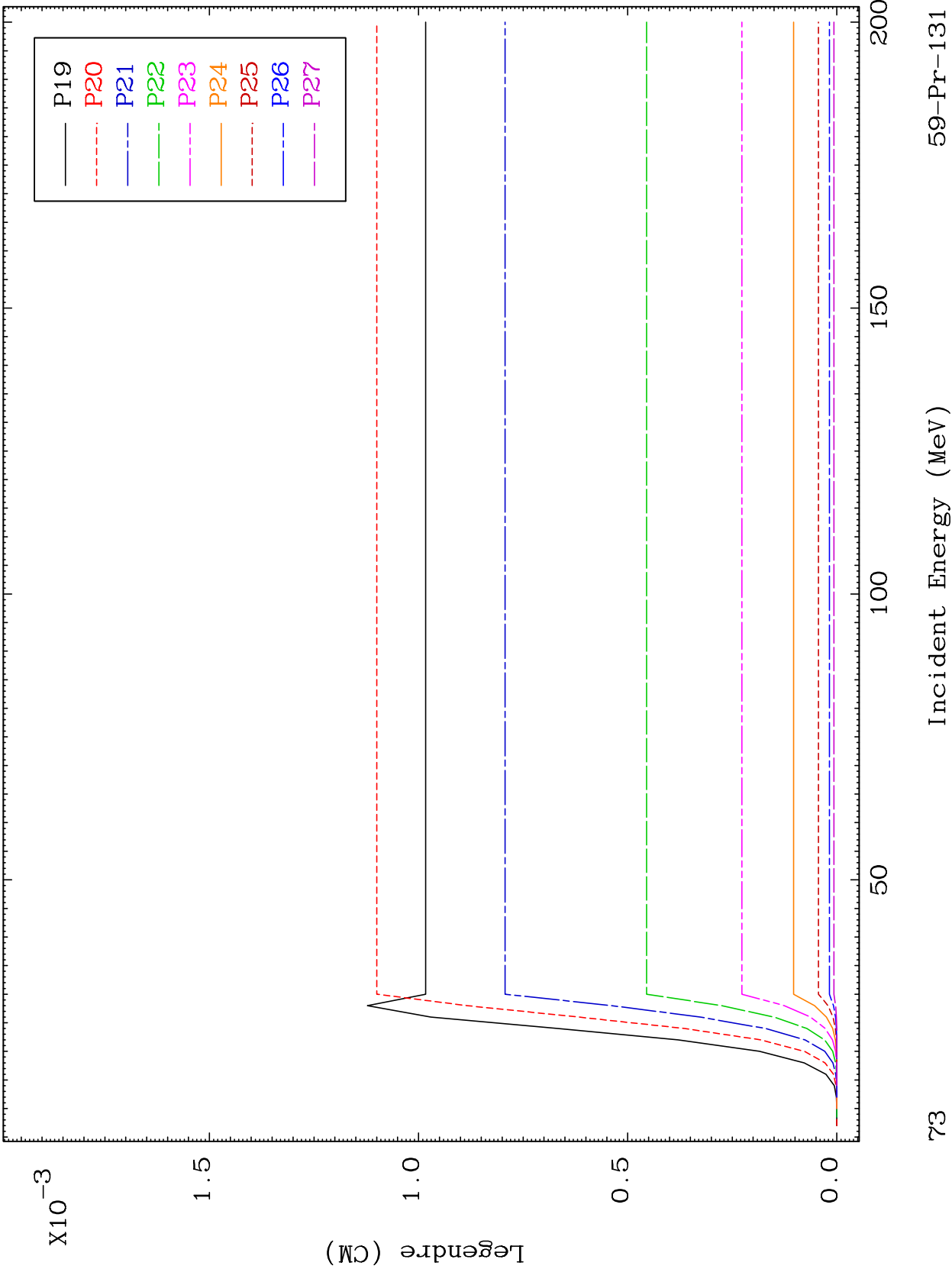
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



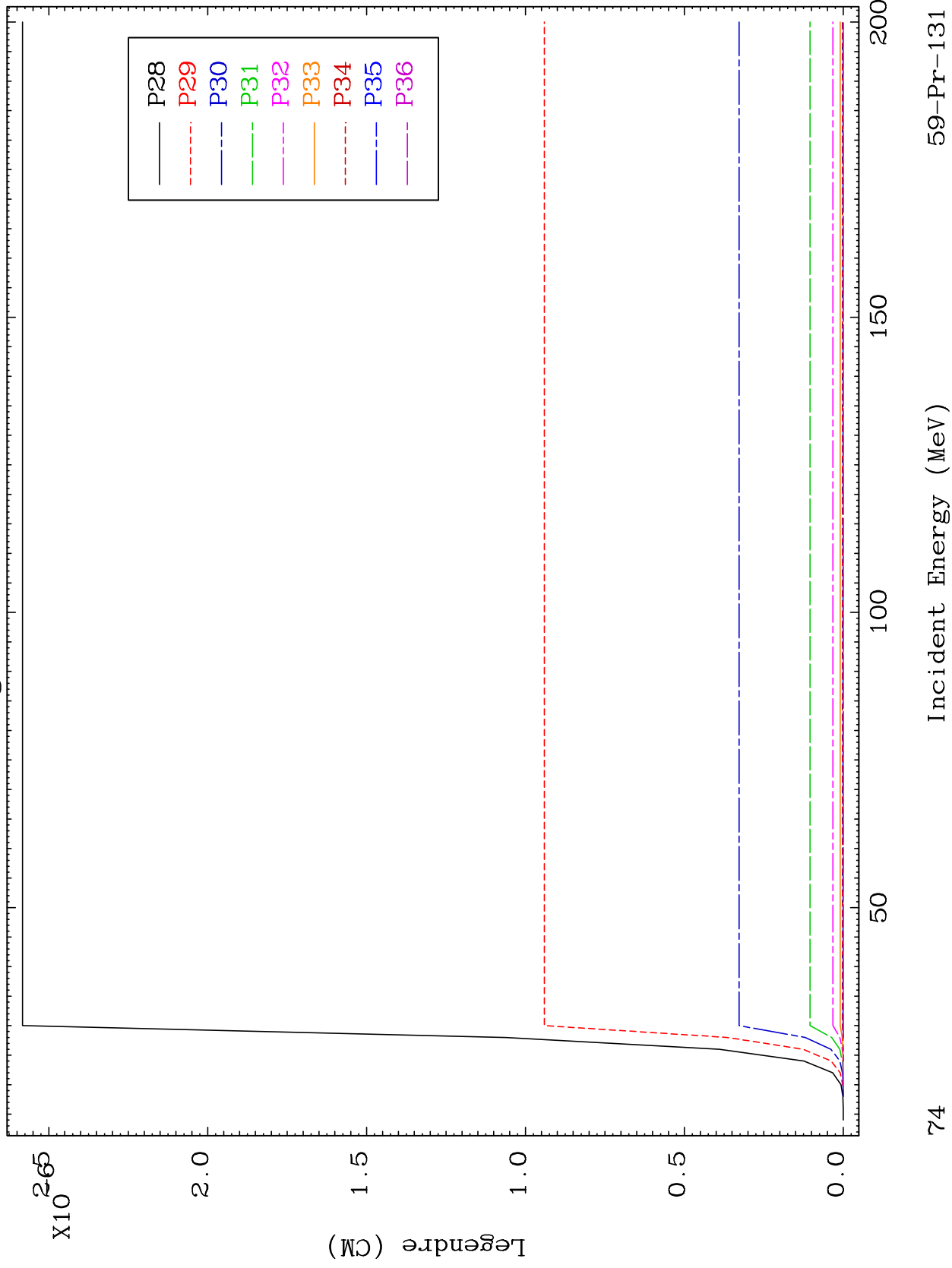
73

59-Pr-131

MAT 5895

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

59-Pr-131



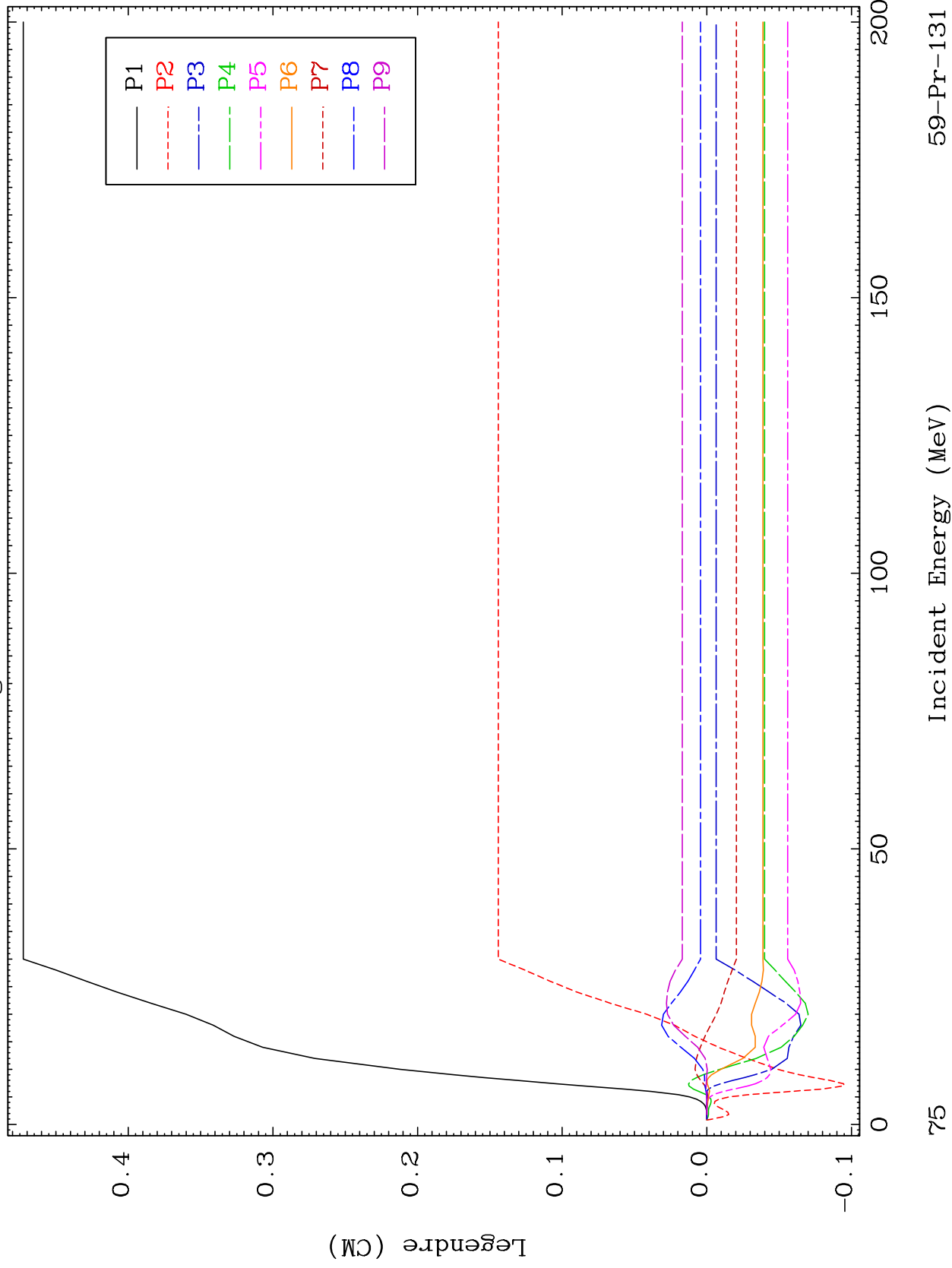
74

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

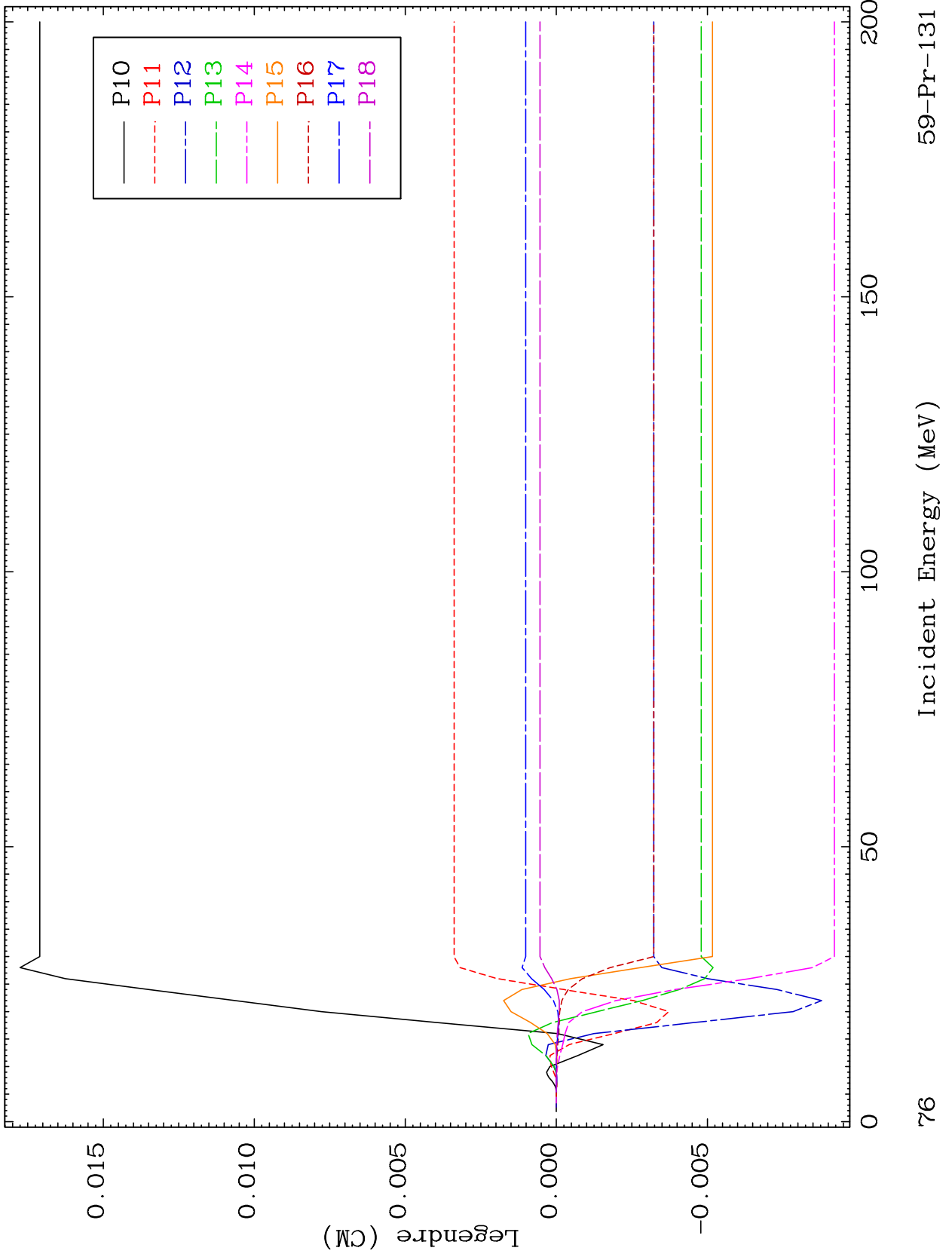
Incident Energy (MeV)

75

MAT 5895

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

59-Pr-131



76

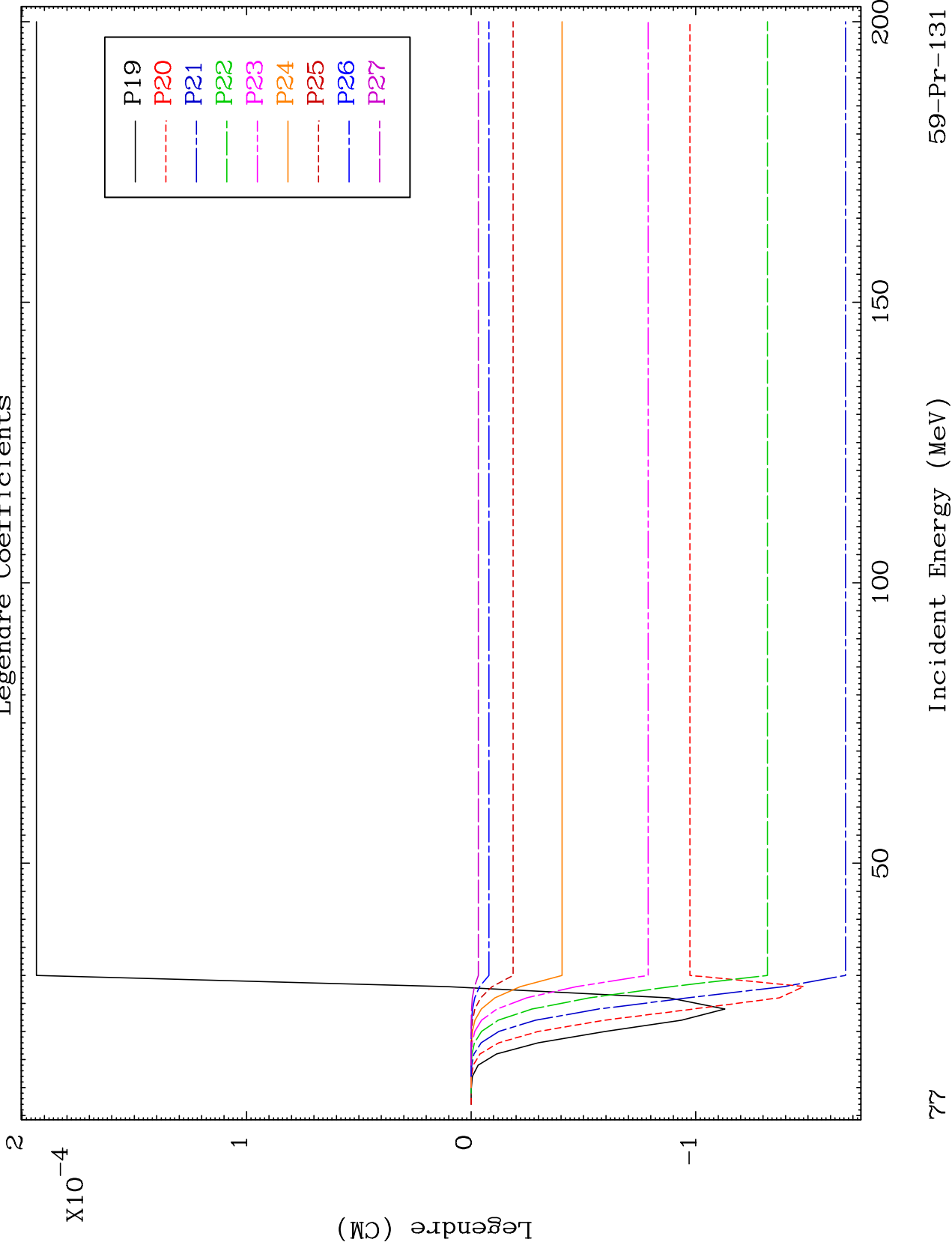
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

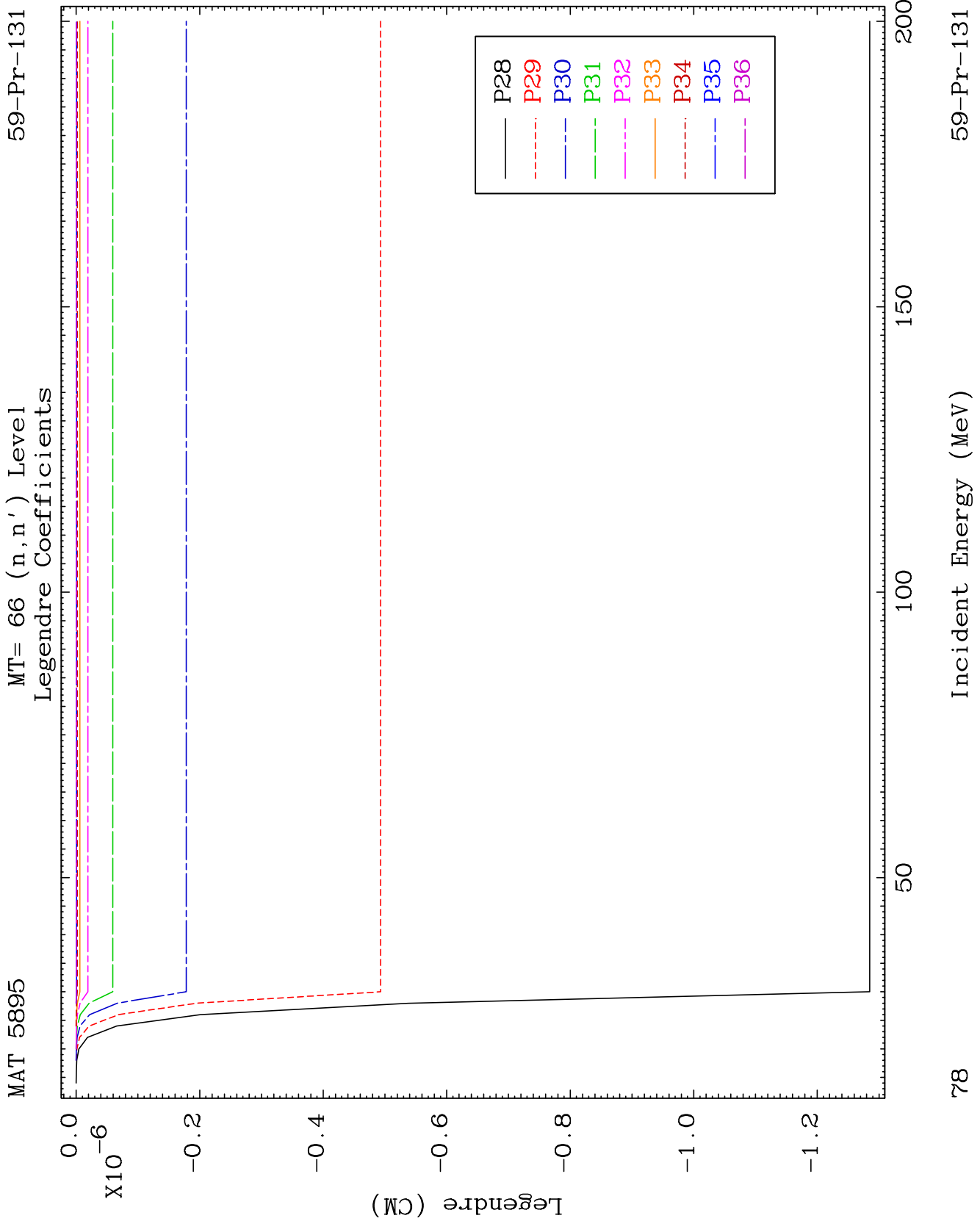
59-Pr-131



77

Incident Energy (MeV)

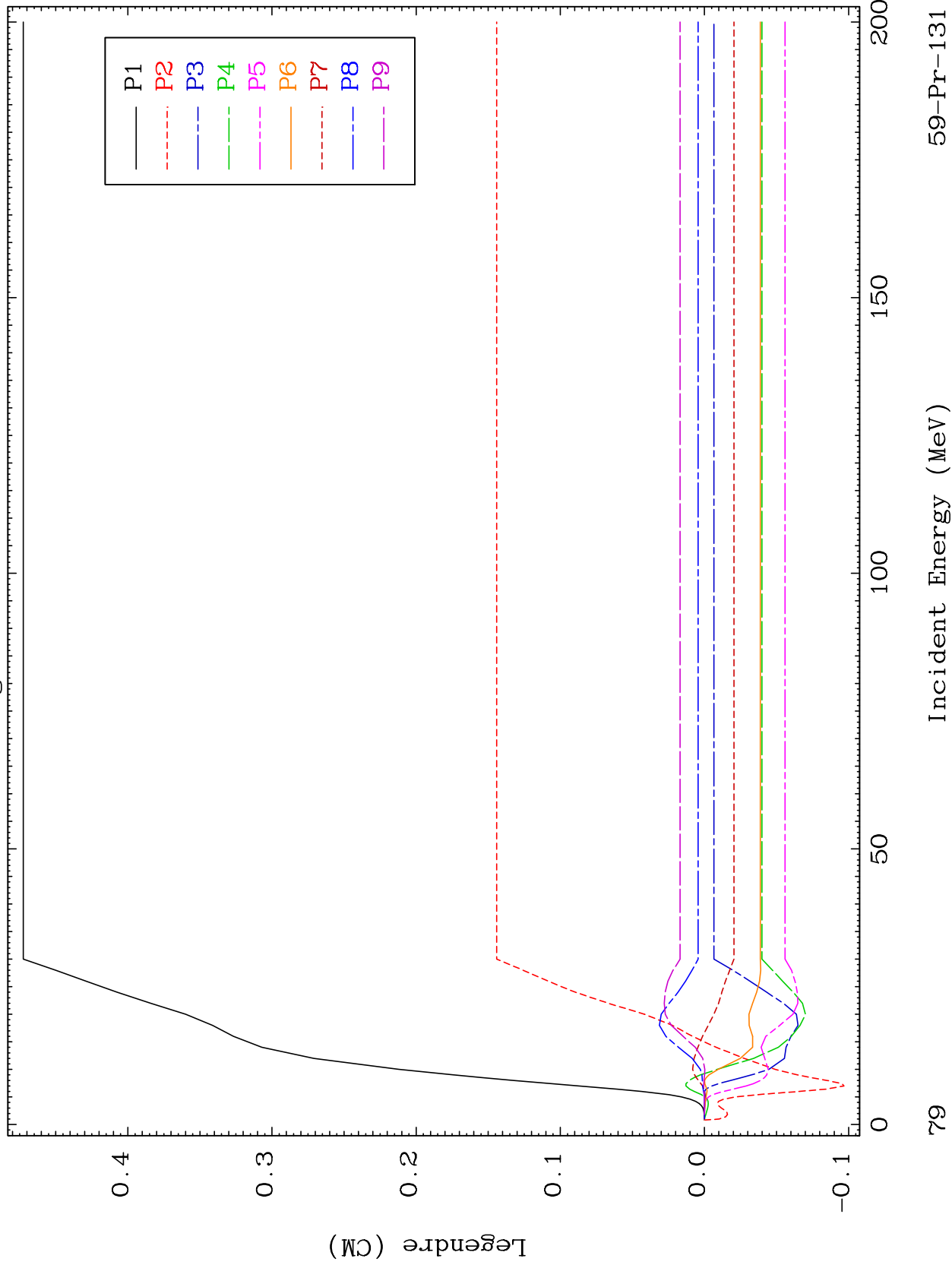
59-Pr-131



MAT 5895

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

59-Pr-131



59-Pr-131

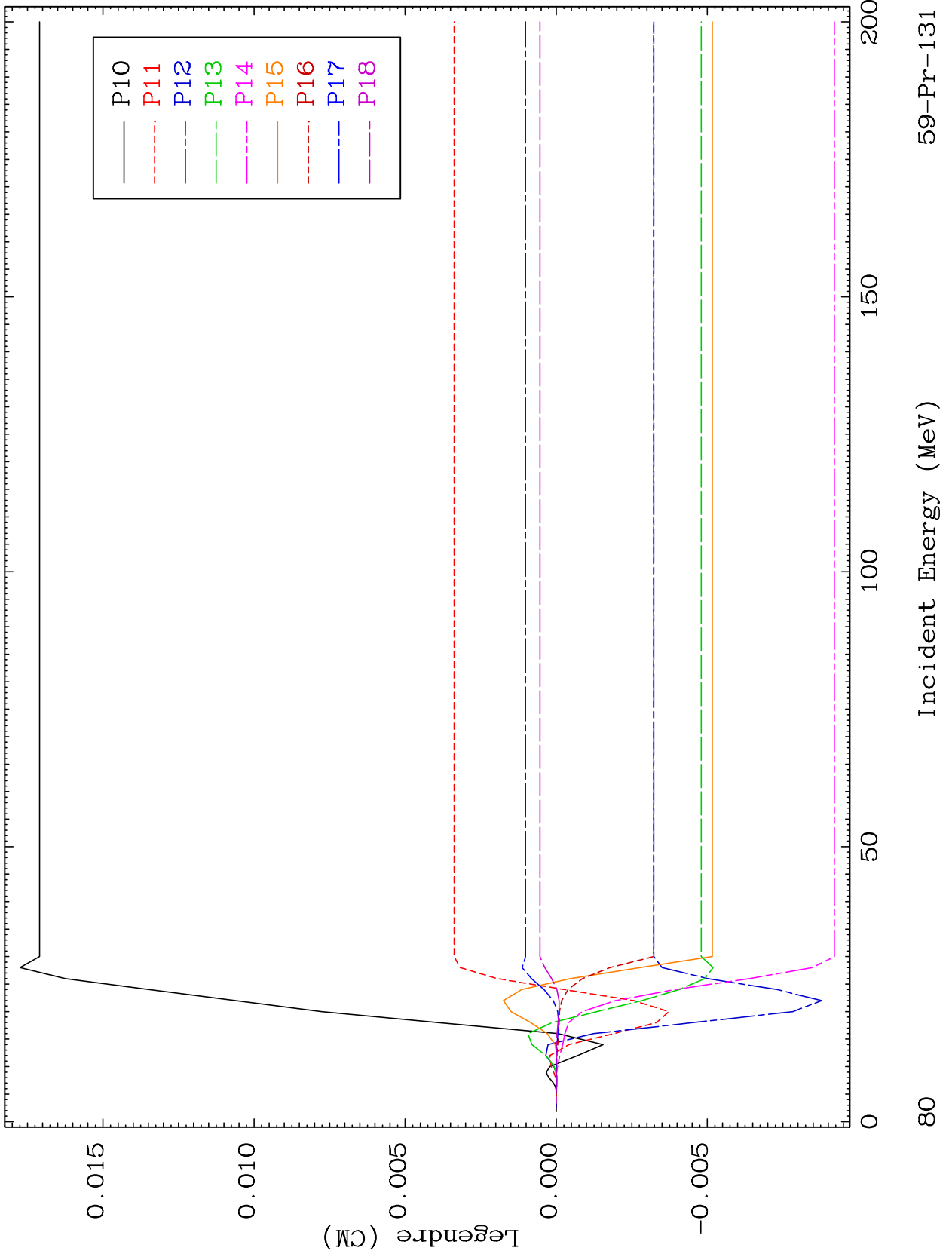
Incident Energy (MeV)

79

MAT 5895

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

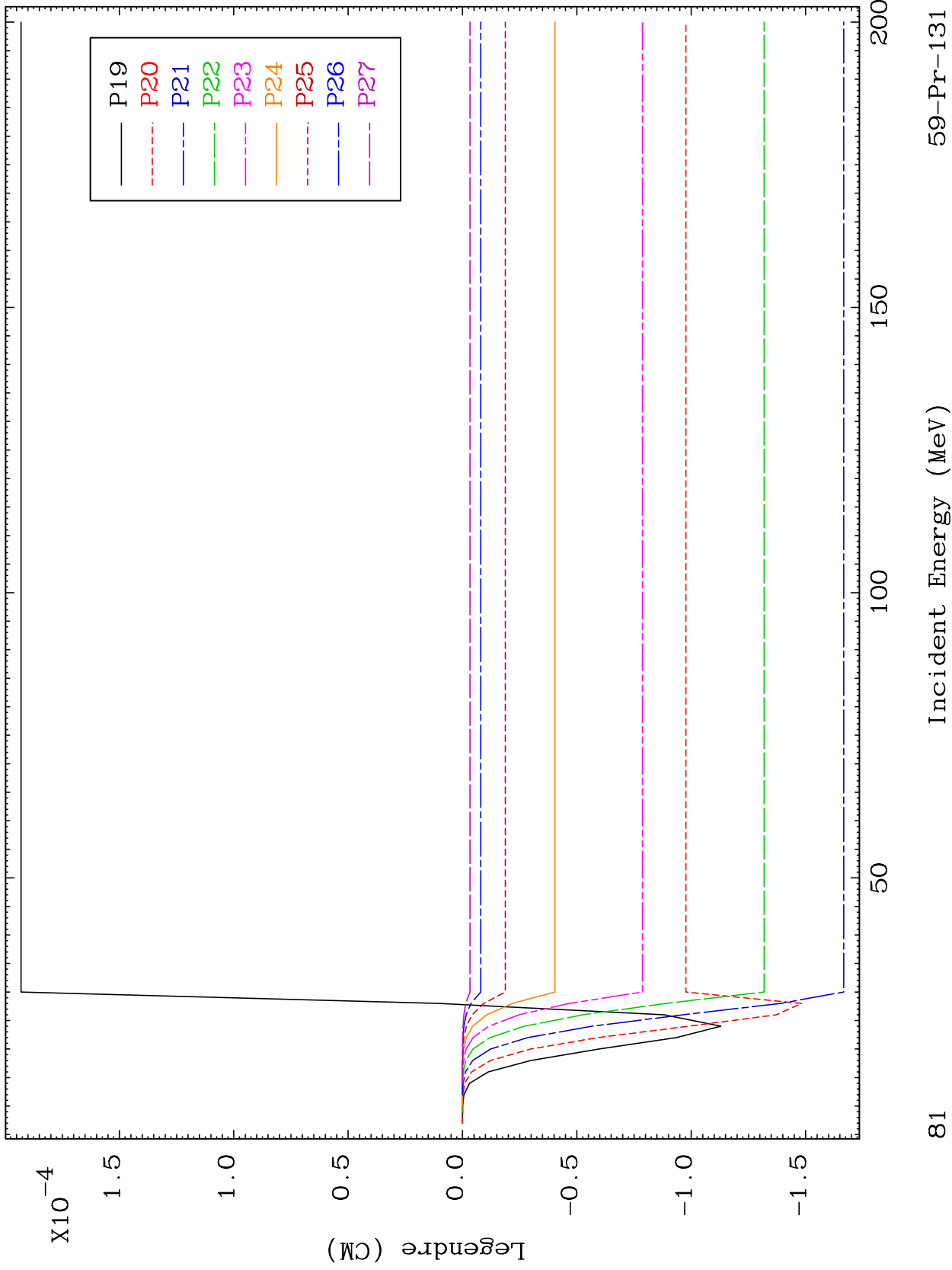
59-Pr-131



59-Pr-131

Incident Energy (MeV)

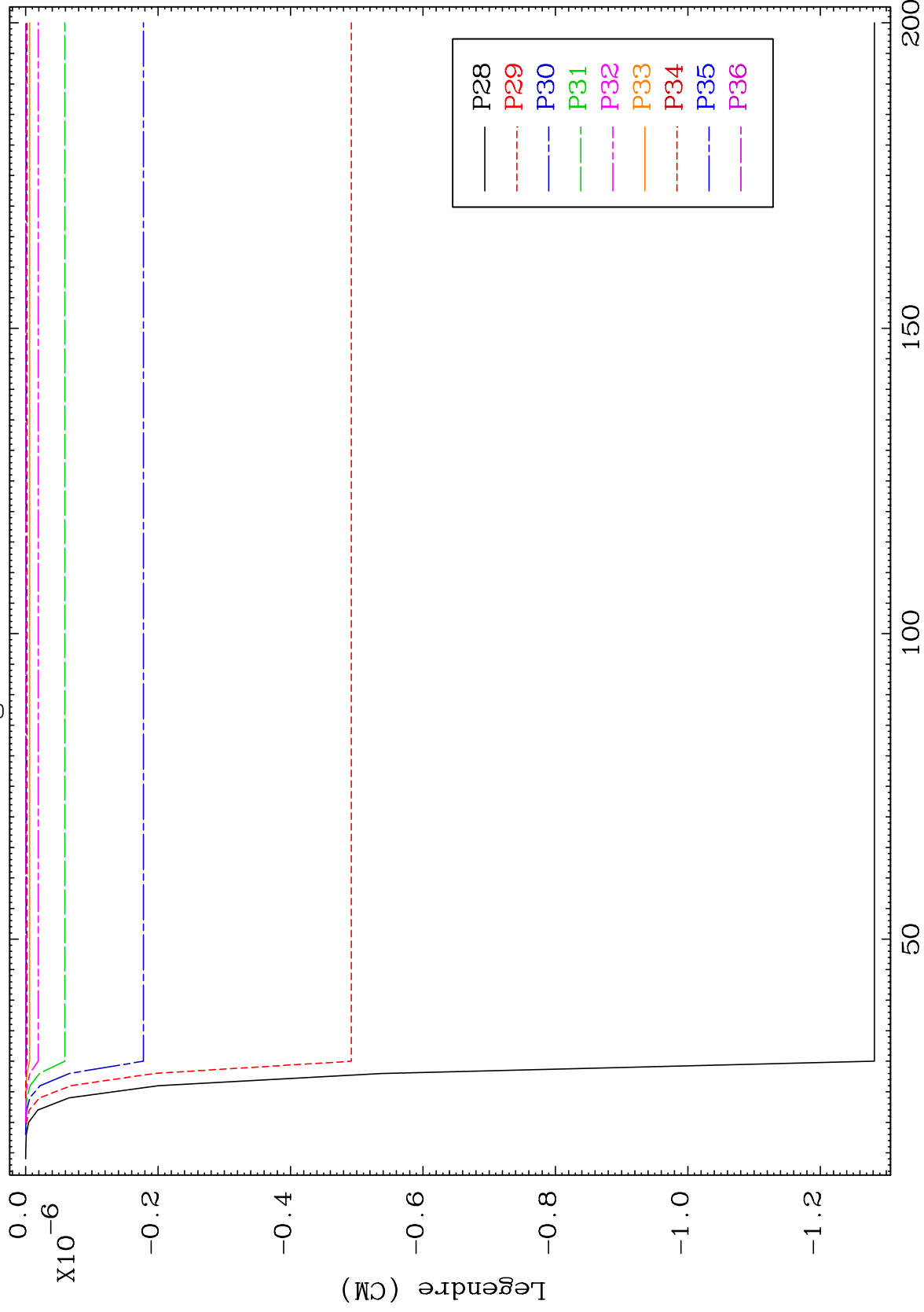
80



MAT 5895

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

59-Pr-131



82

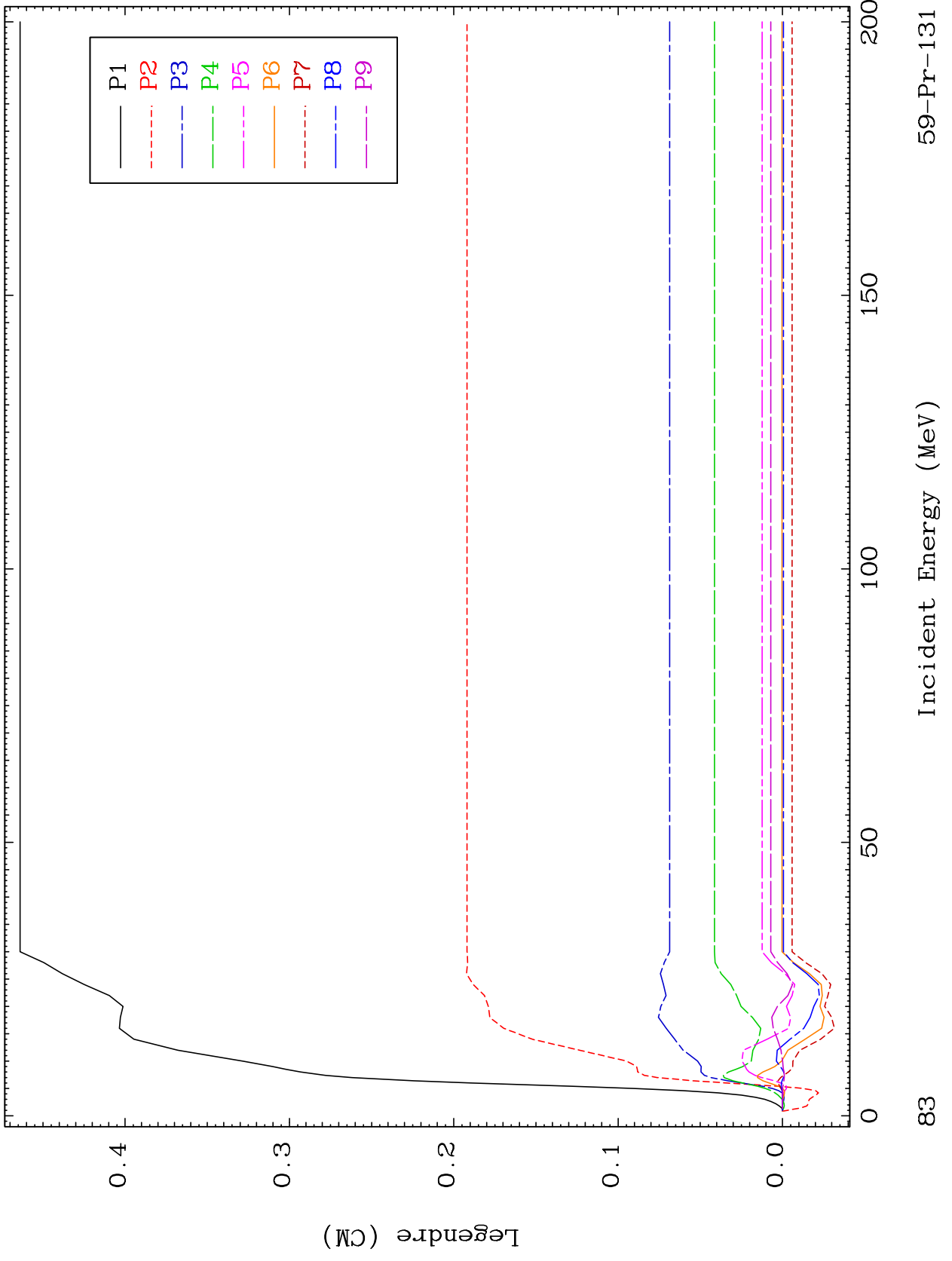
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

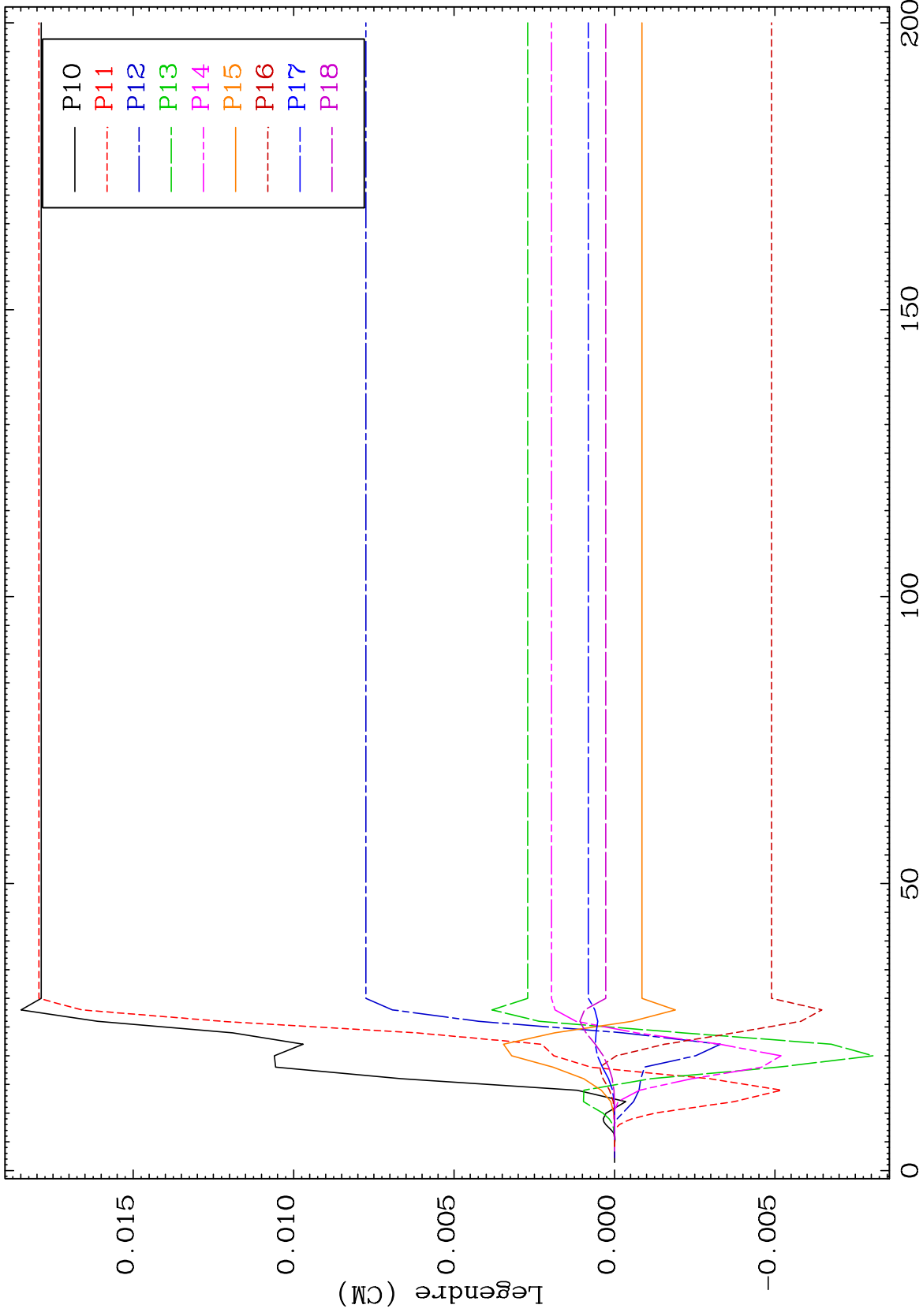
Incident Energy (MeV)

83

MAT 5895

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

59-Pr-131



84

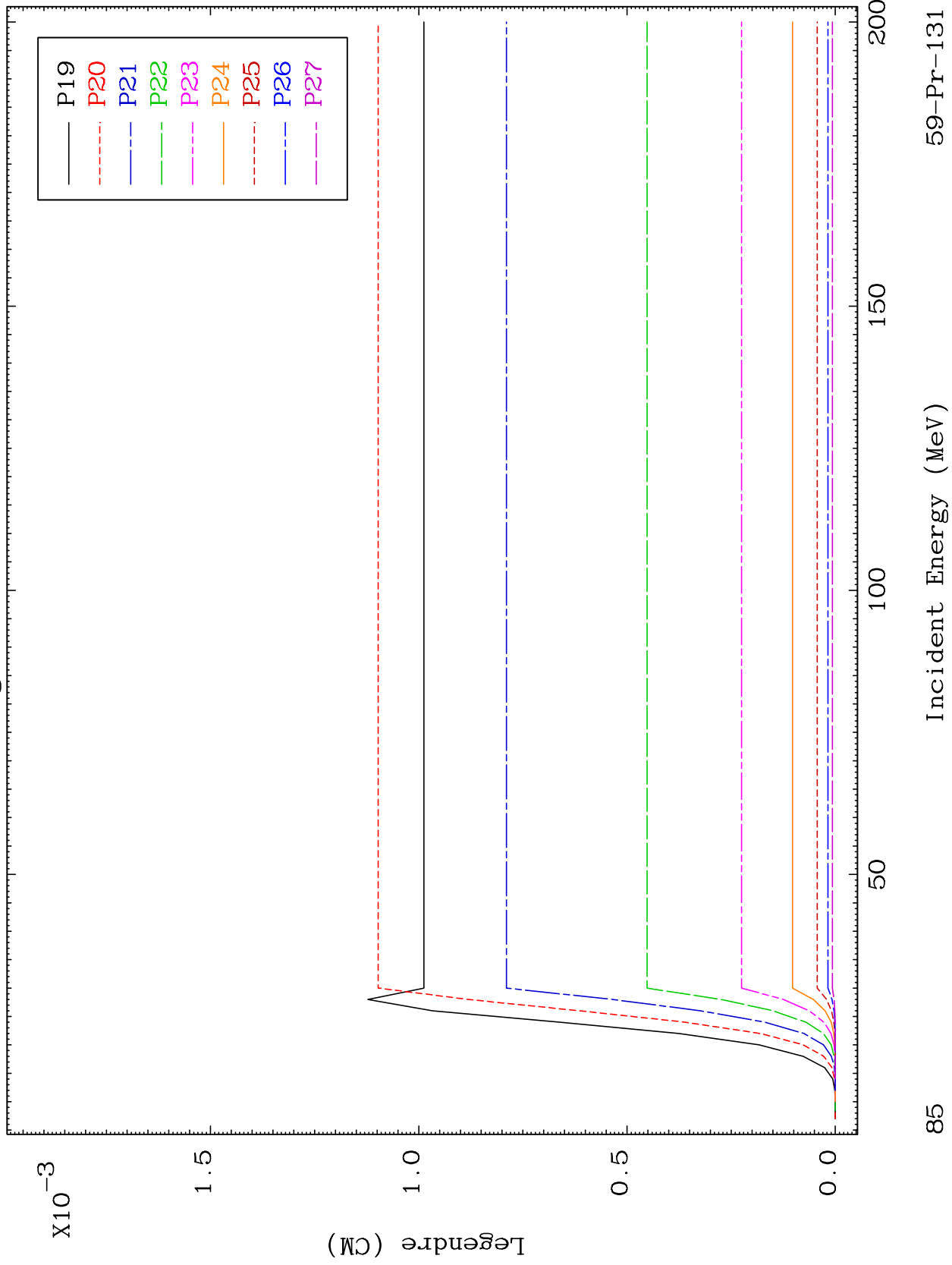
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

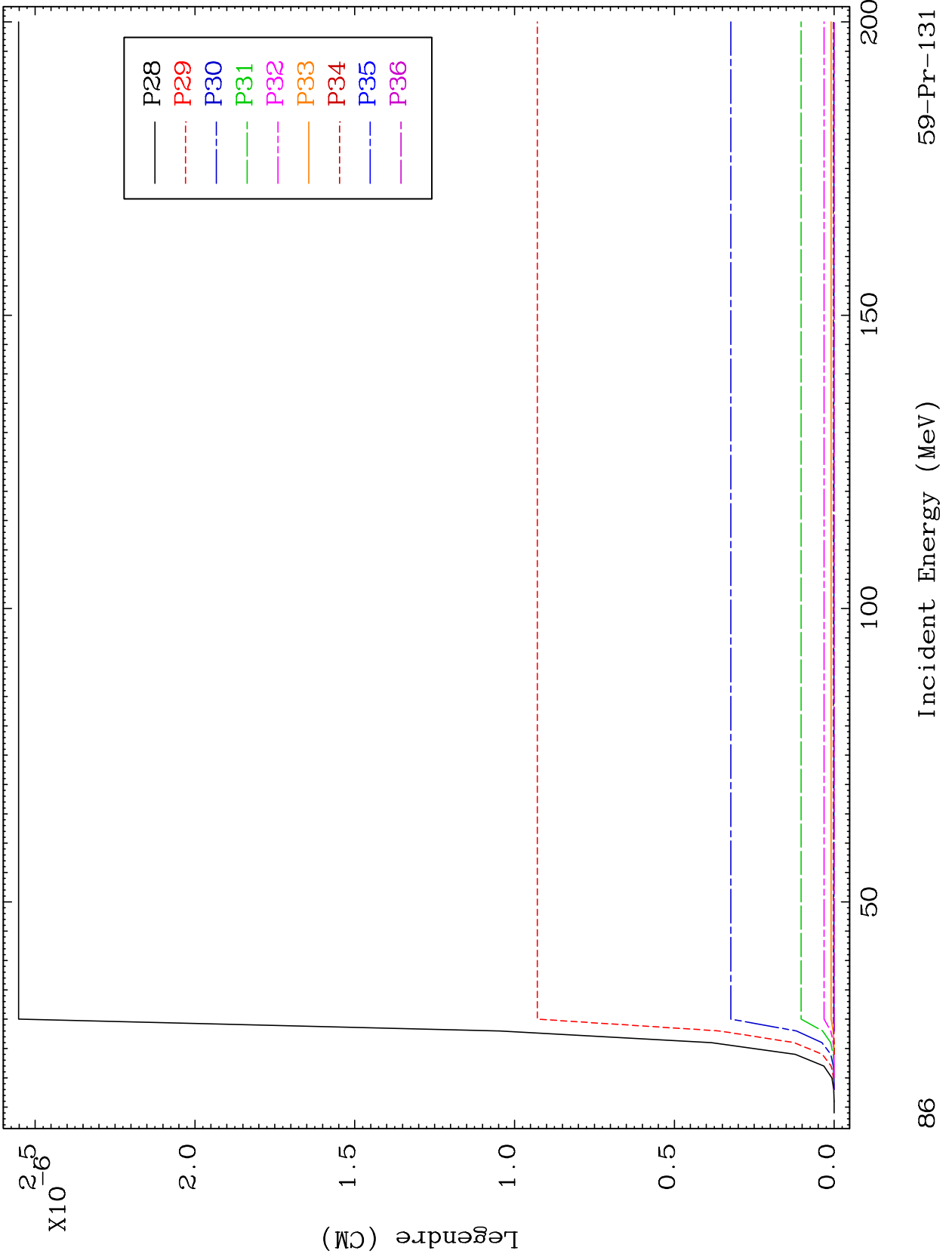
Incident Energy (MeV)

85

MAT 5895

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

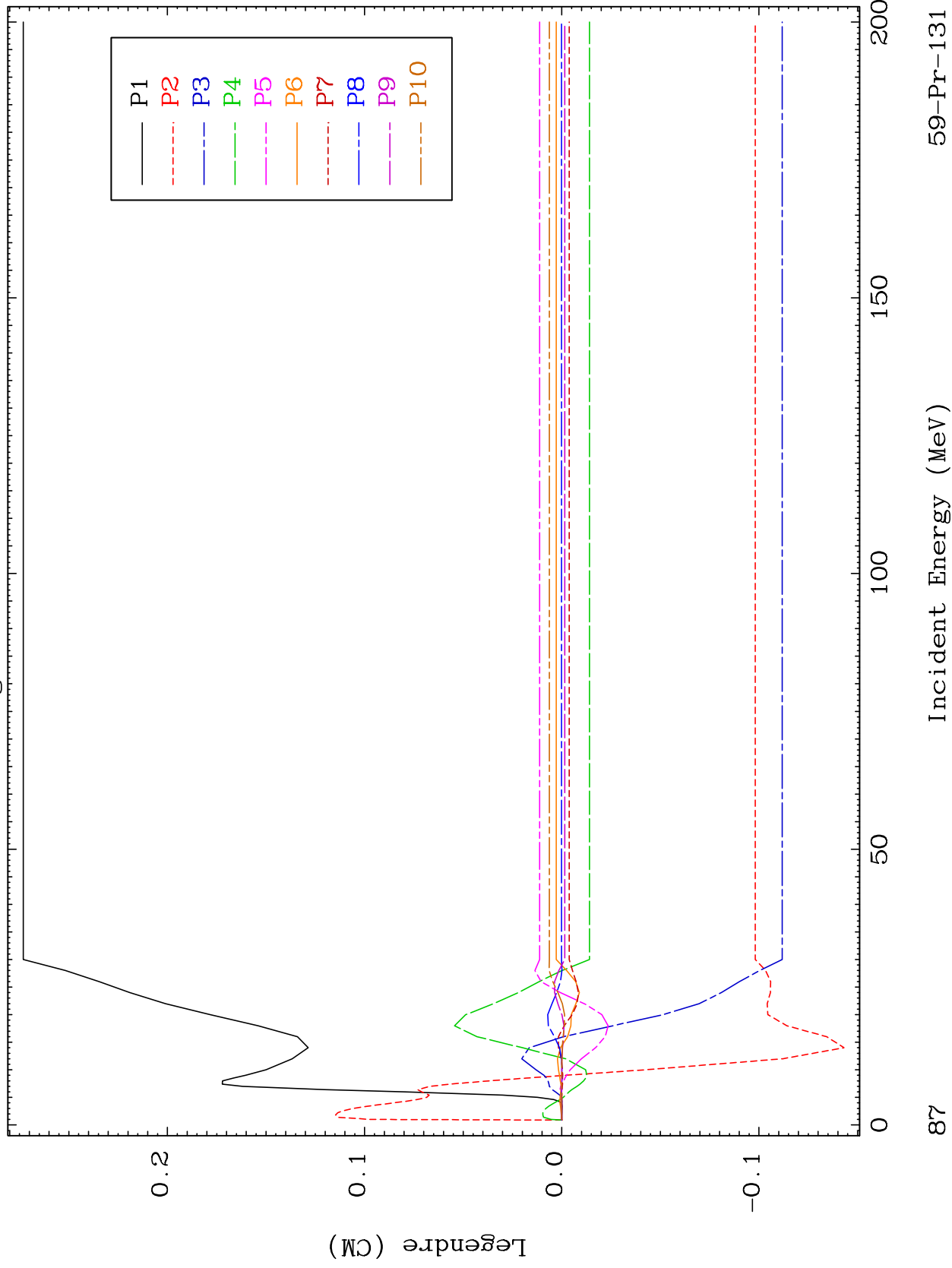
59-Pr-131



MAT 5895

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

59-Pr-131

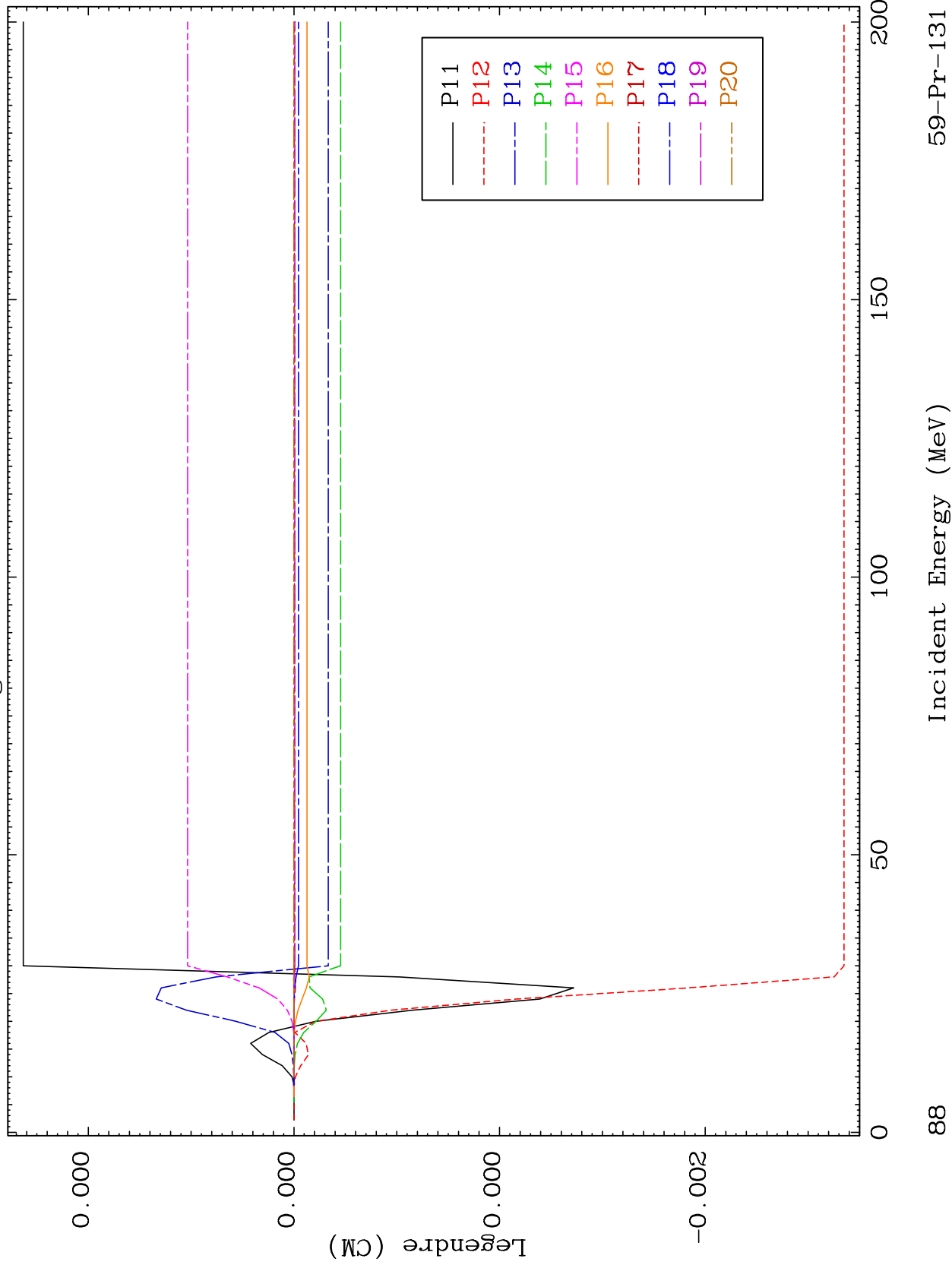


59-Pr-131

MAT 5895

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

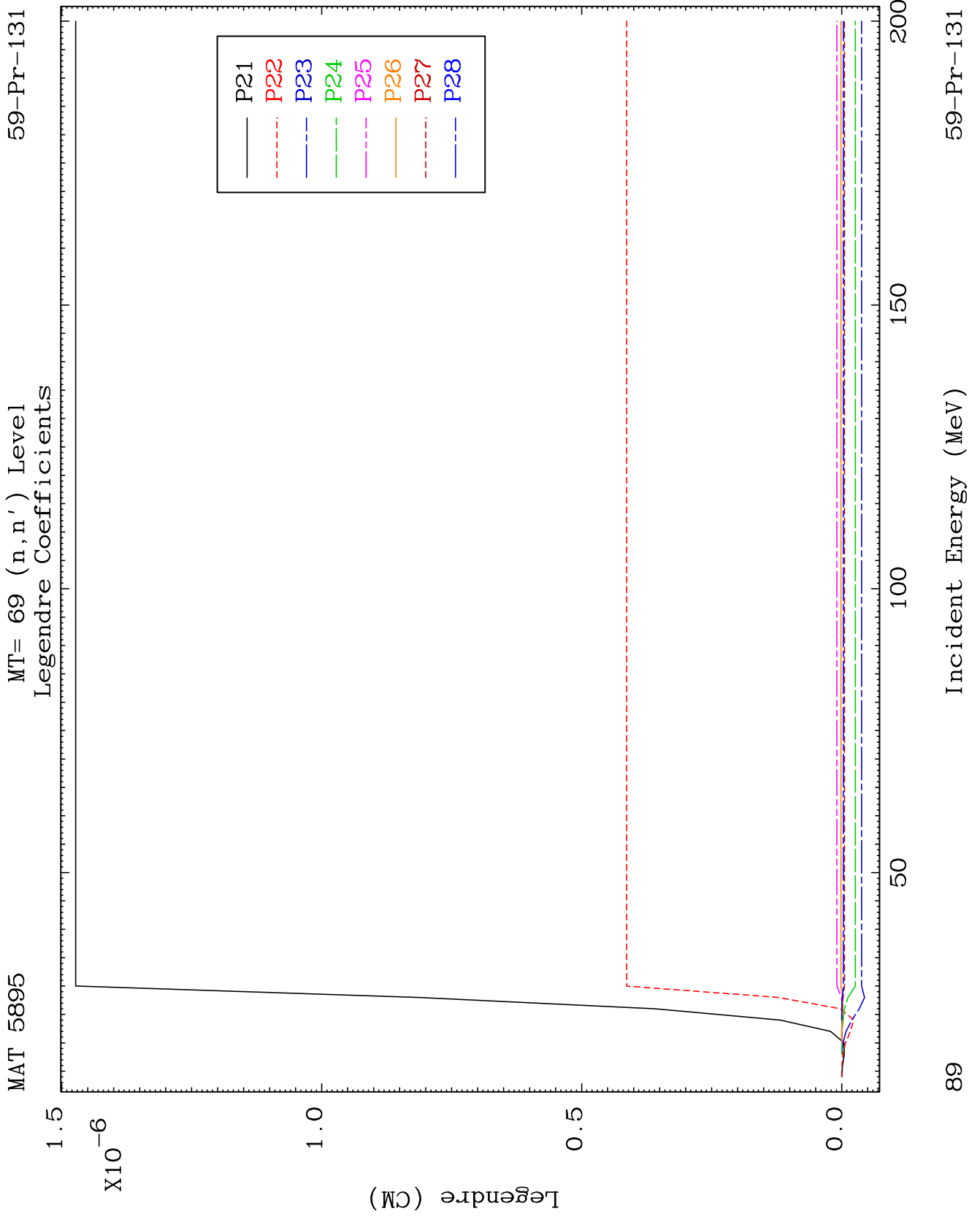
59-Pr-131



88

Incident Energy (MeV)

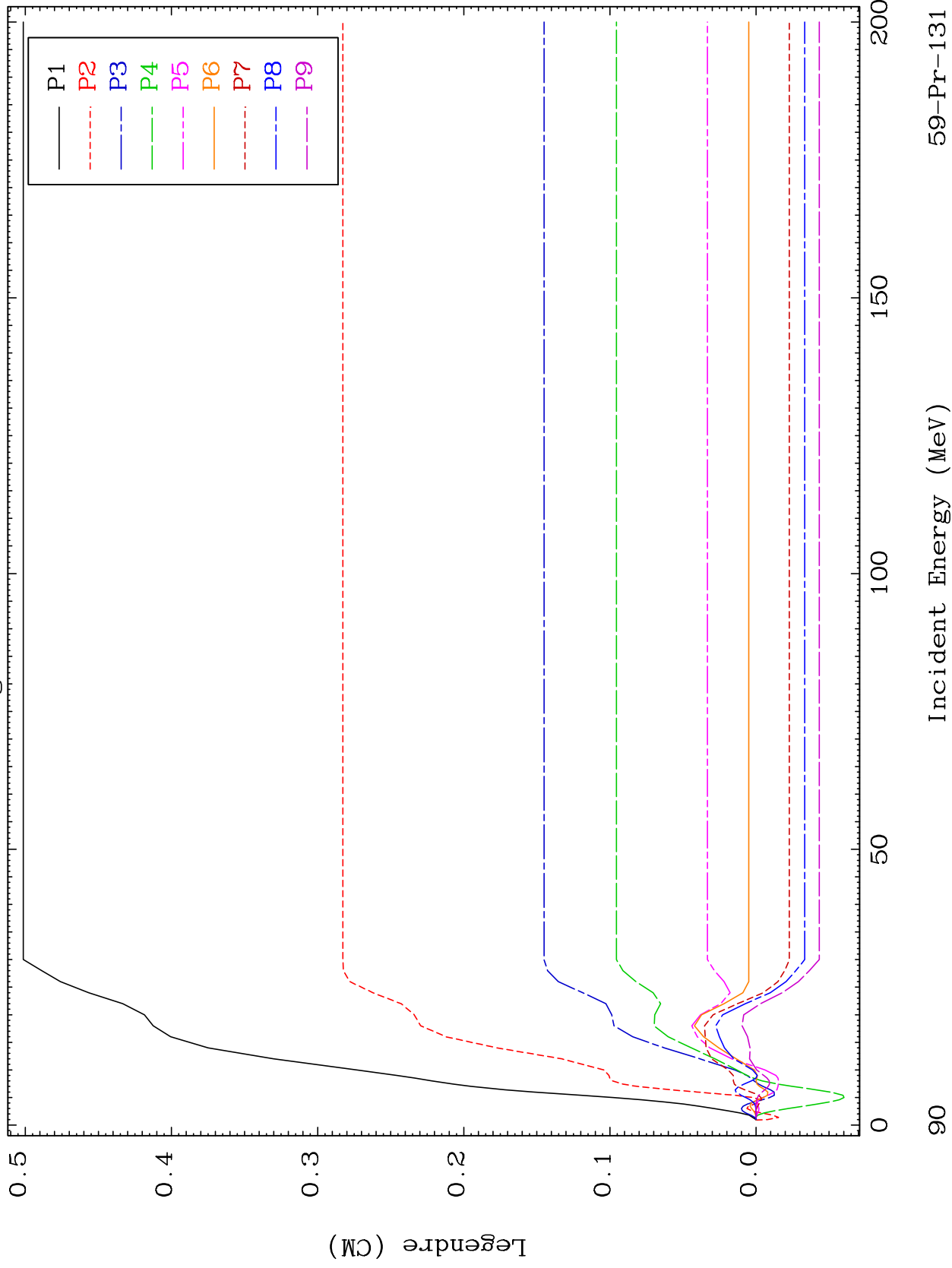
59-Pr-131



MAT 5895

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

59-Pr-131



59-Pr-131

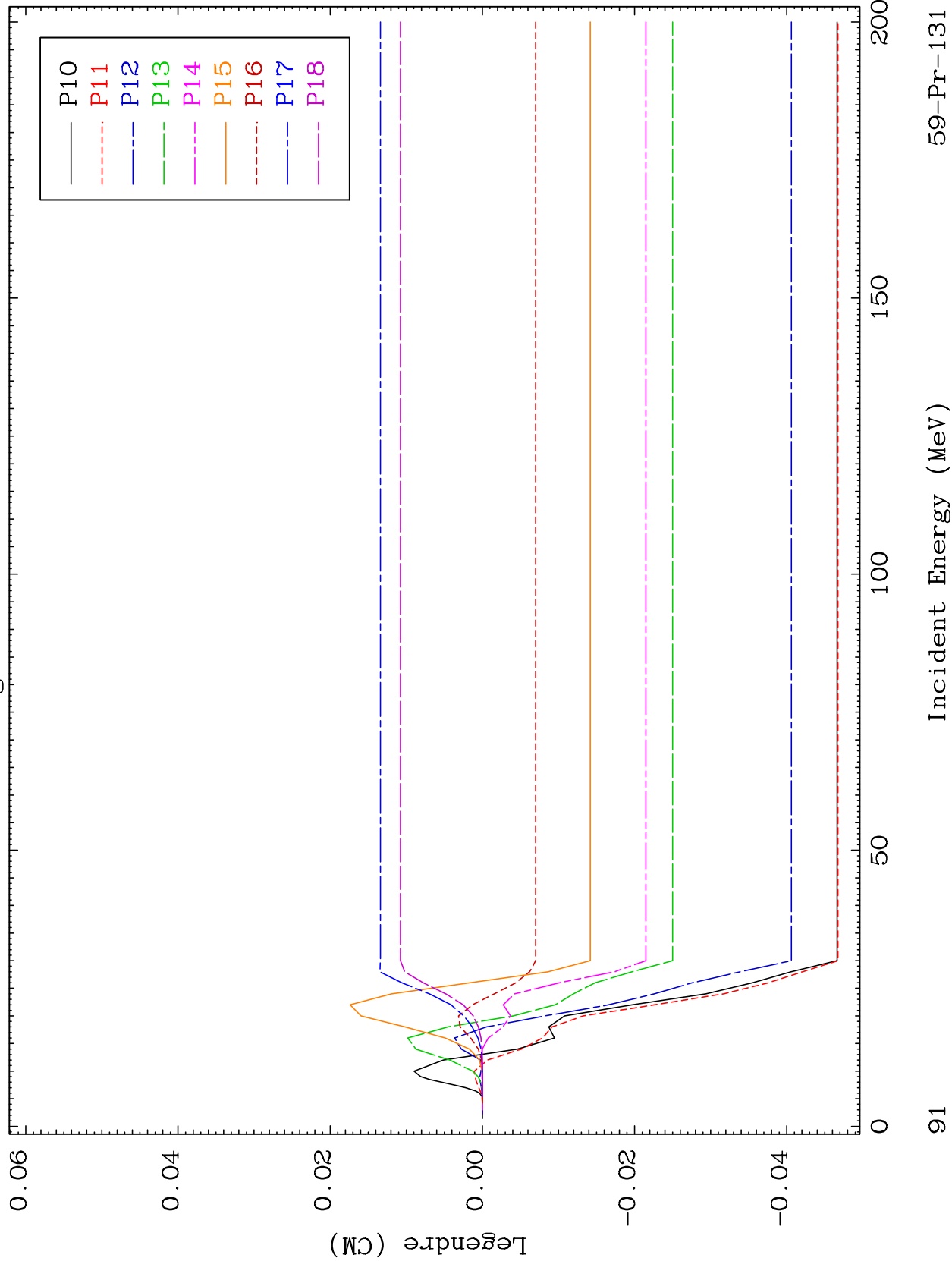
Incident Energy (MeV)

90

MAT 5895

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

59-Pr-131



91

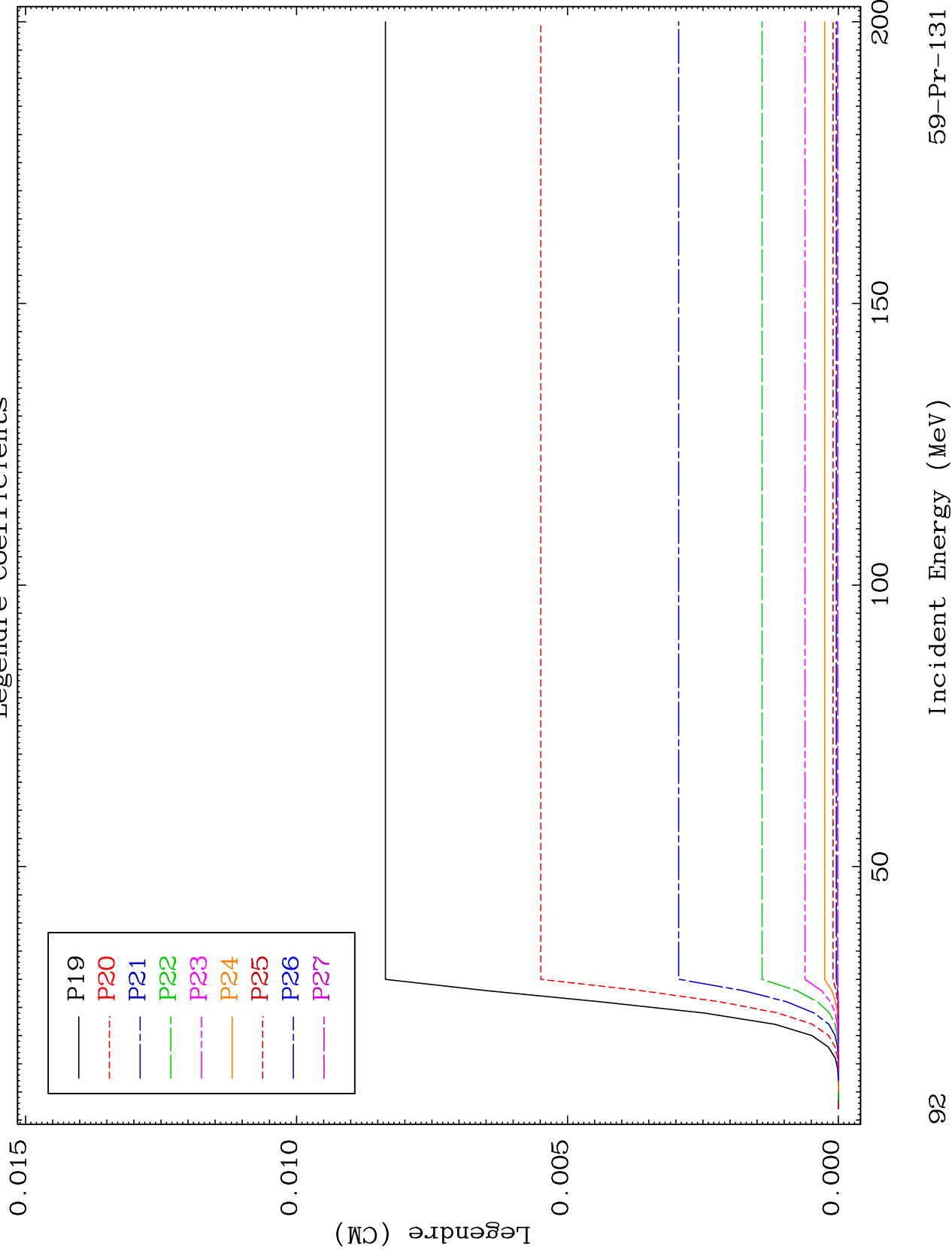
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



92

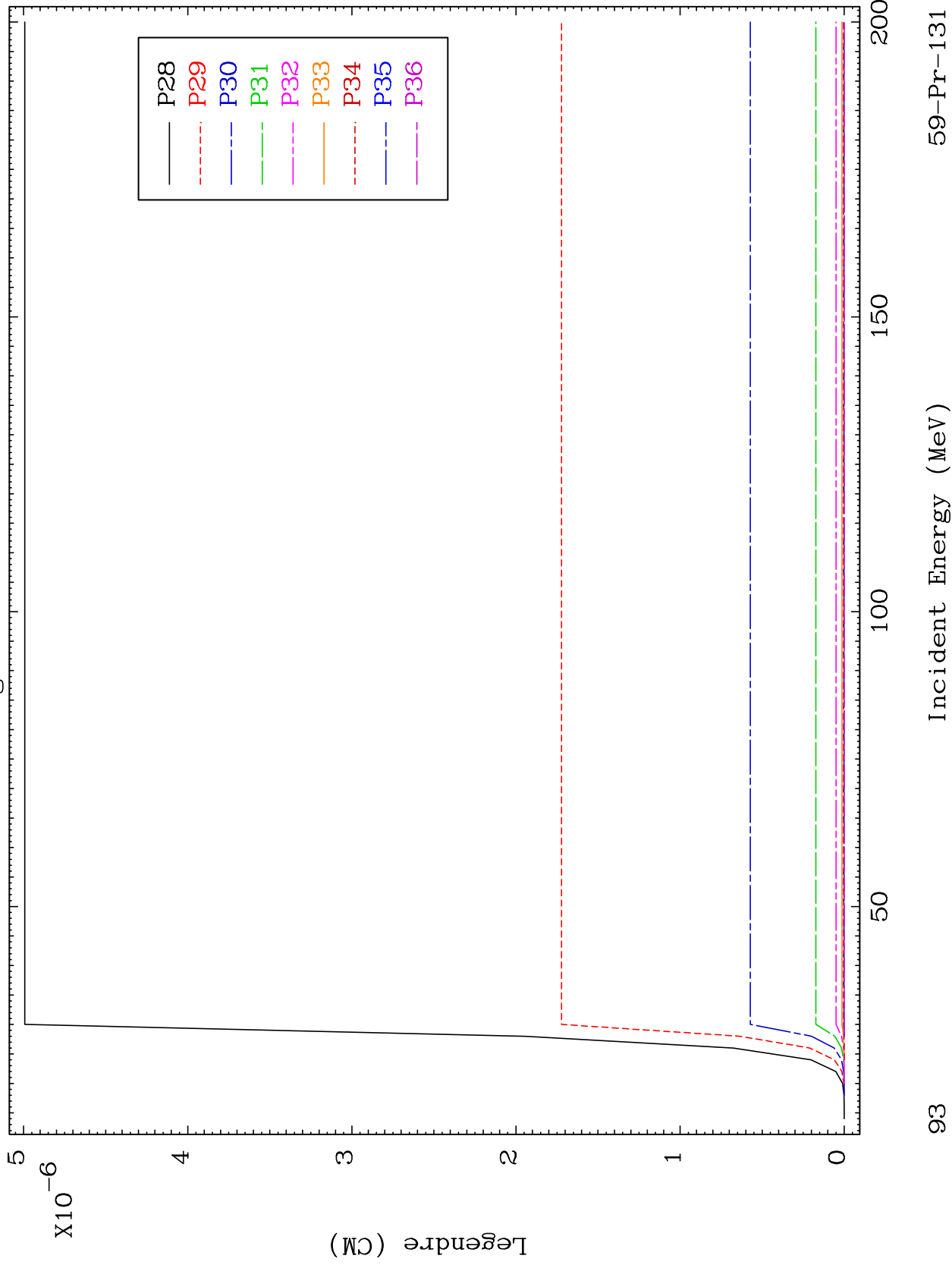
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

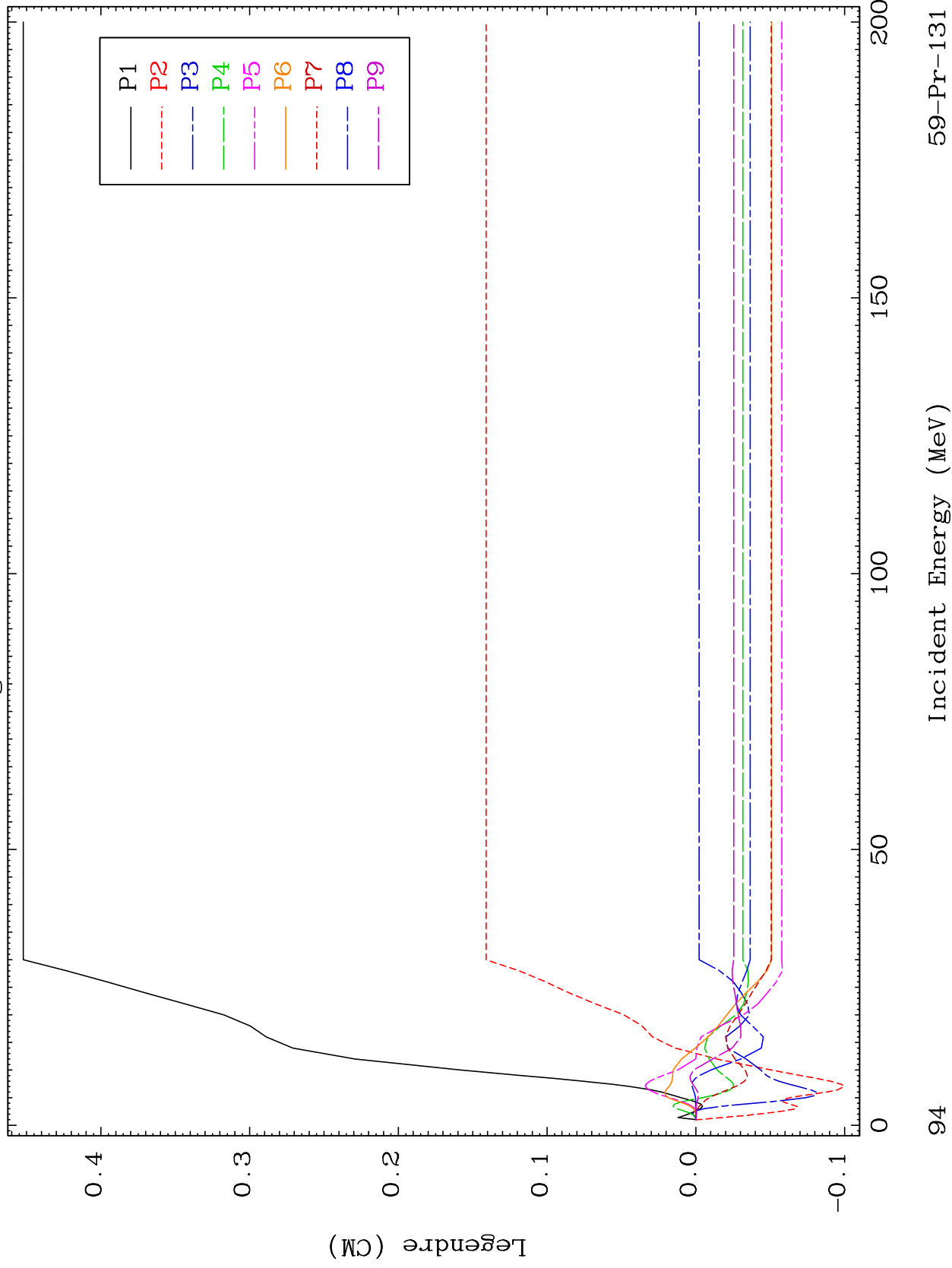
59-Pr-131



MAT 5895

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

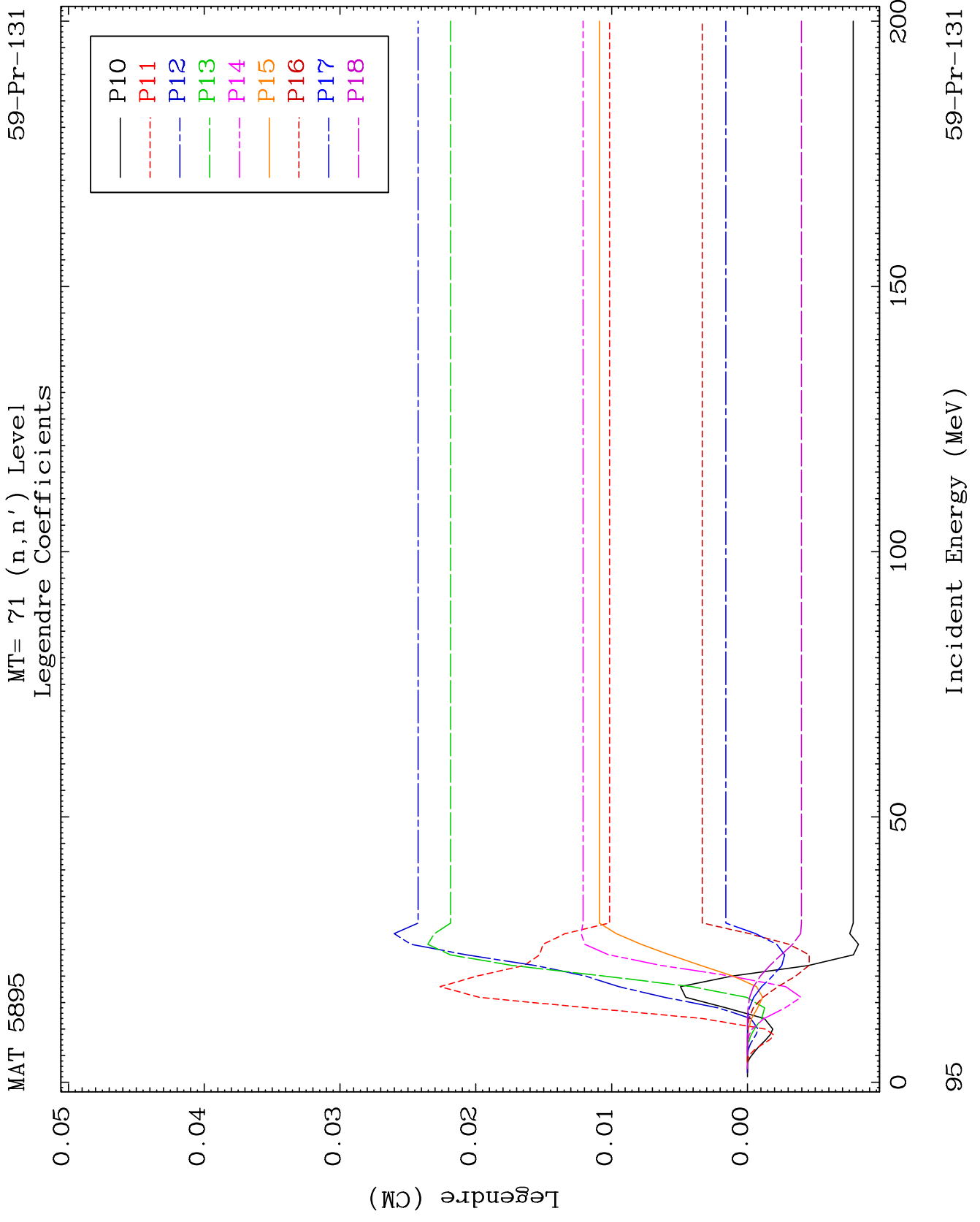
59-Pr-131



59-Pr-131

Incident Energy (MeV)

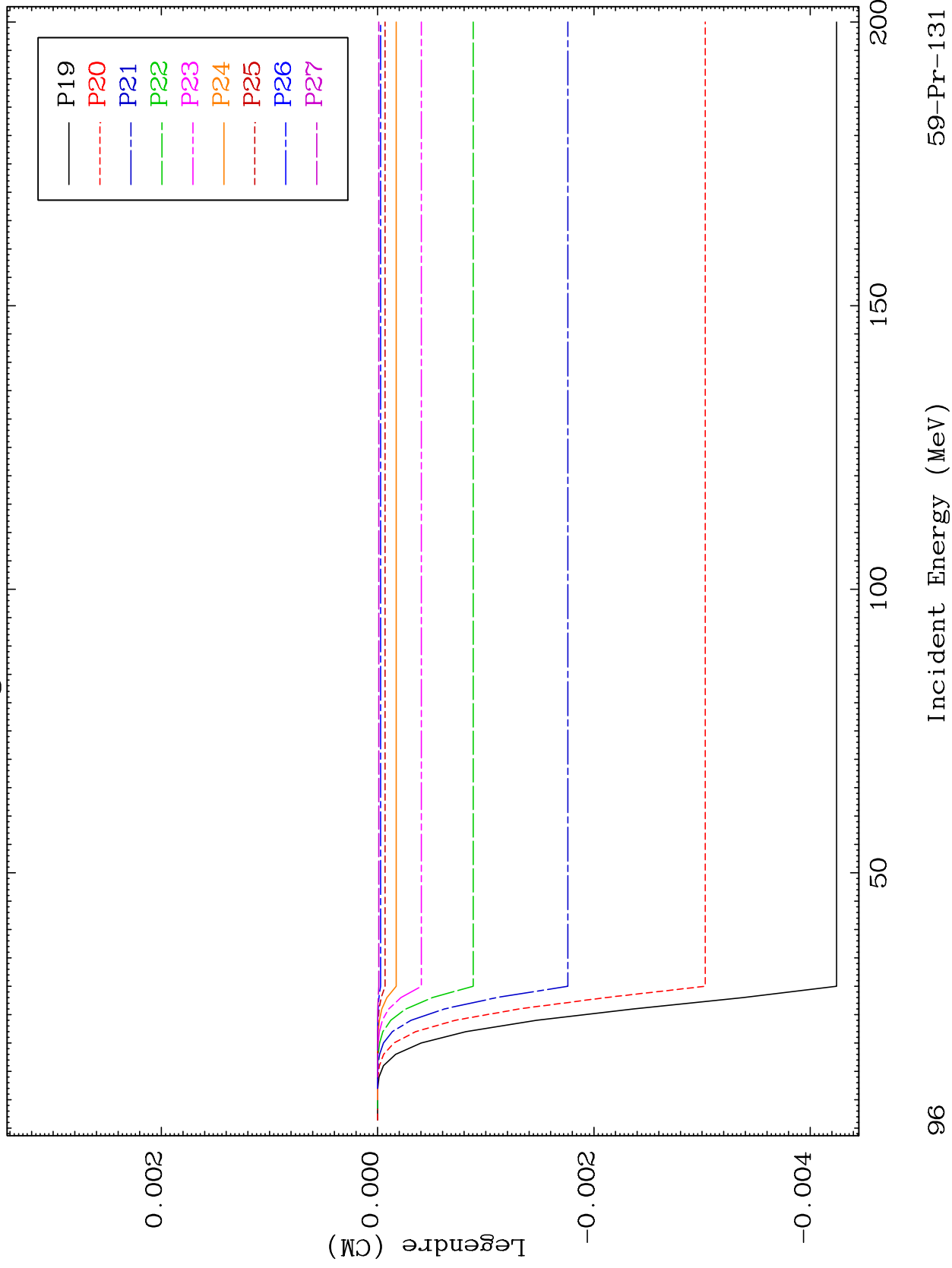
94



MAT 5895

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

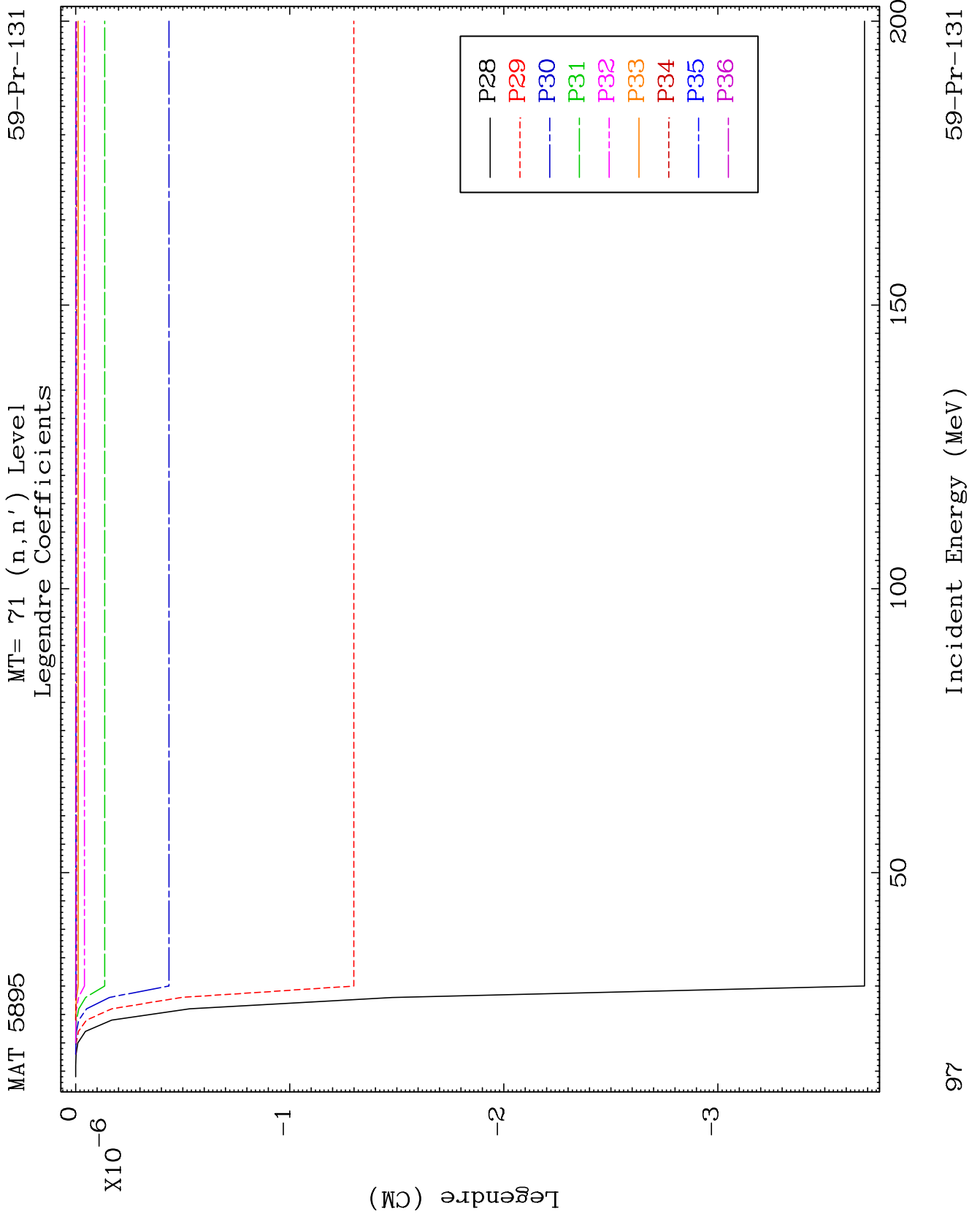
59-Pr-131



96

Incident Energy (MeV)

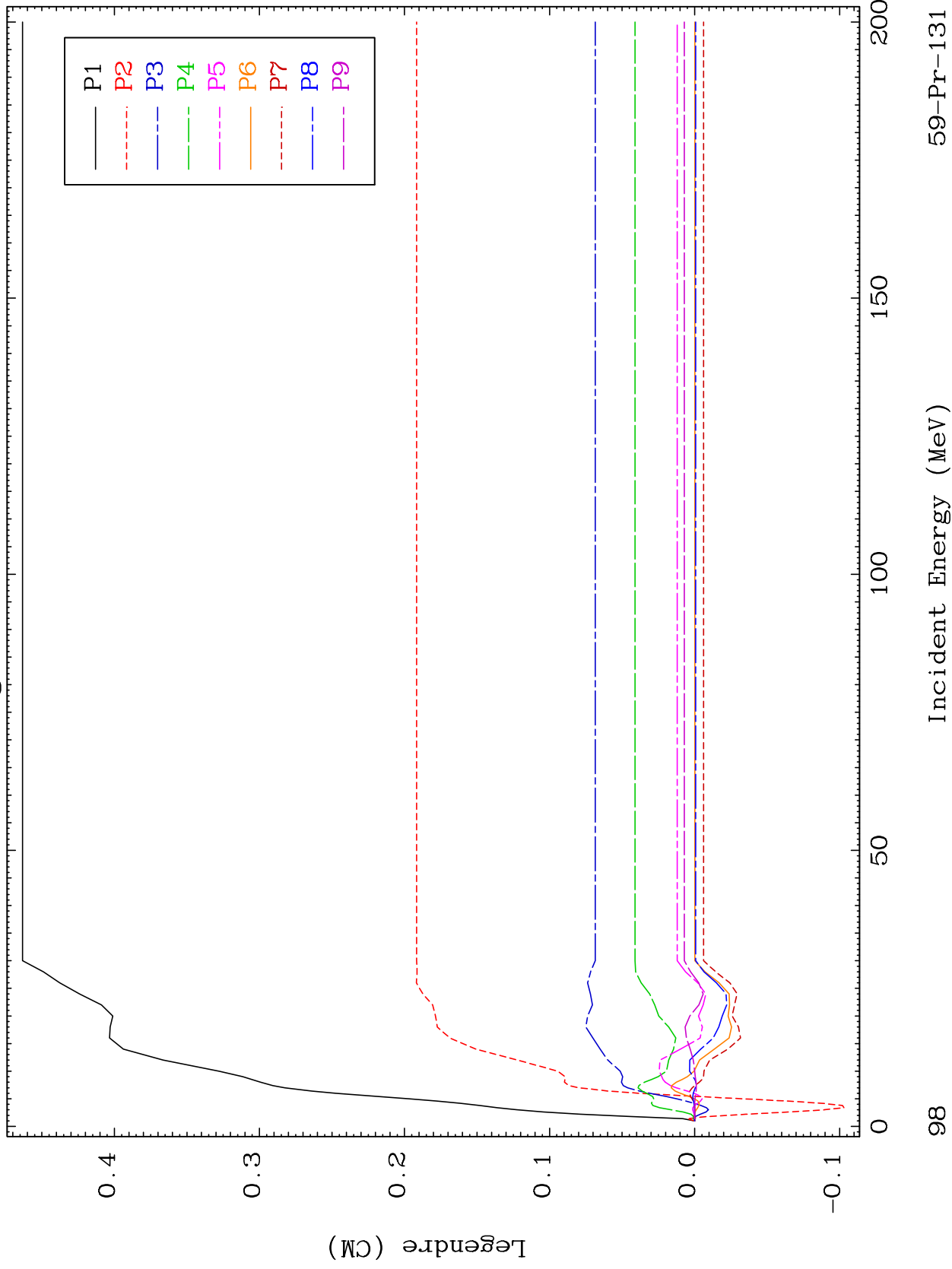
59-Pr-131



MAT 5895

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

59-Pr-131



59-Pr-131

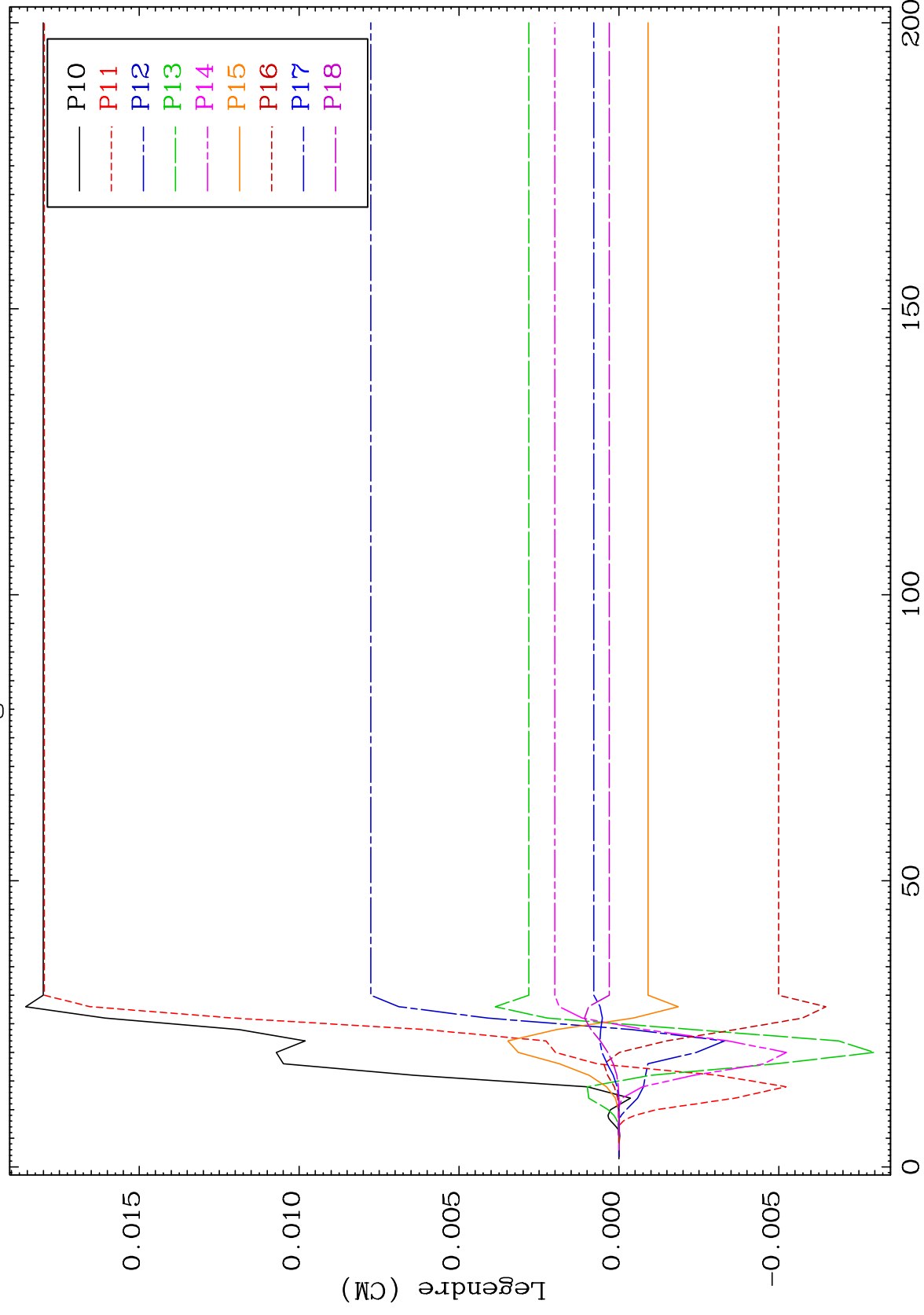
Incident Energy (MeV)

98

MAT 5895

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

59-Pr-131



99

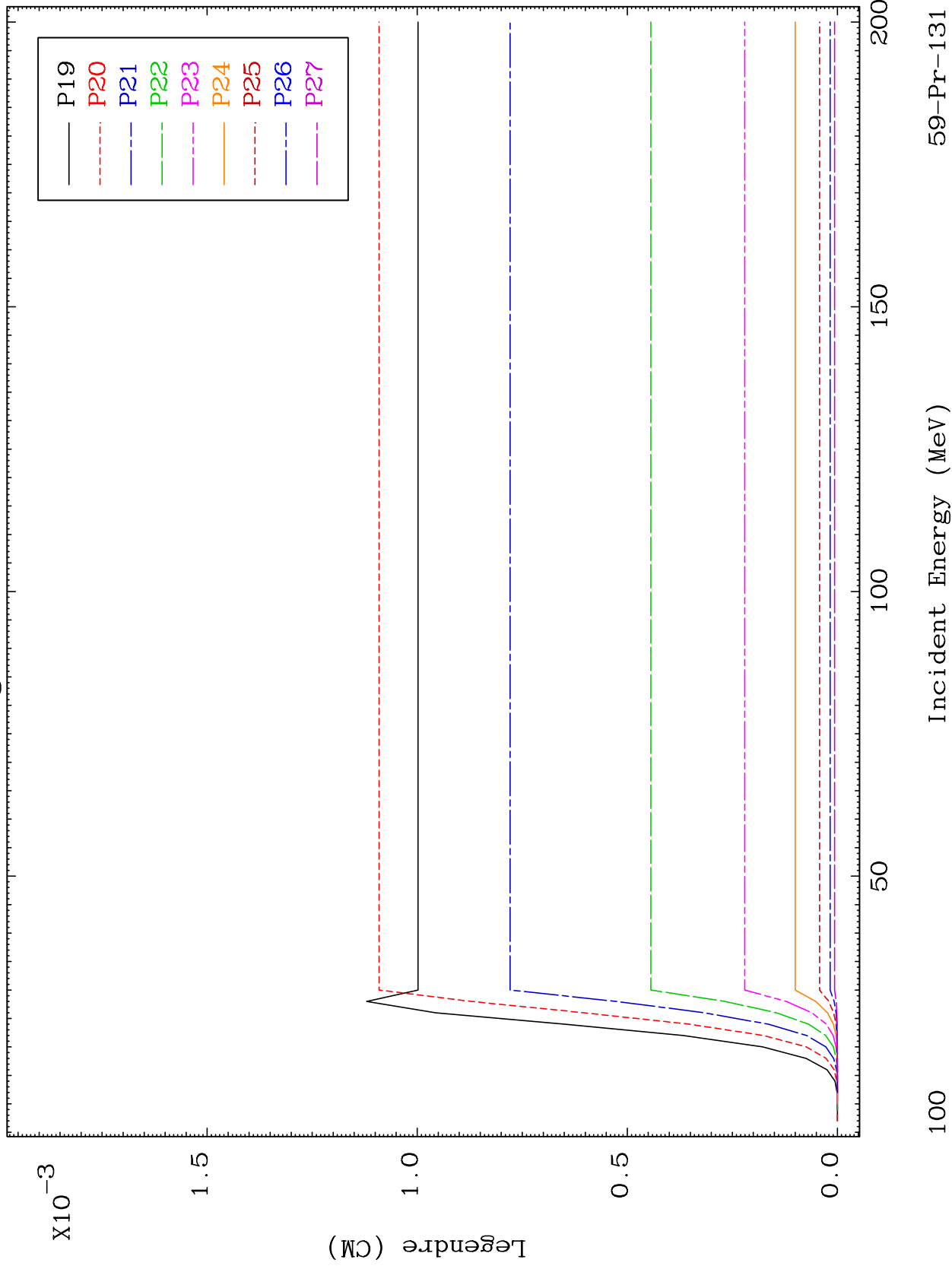
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

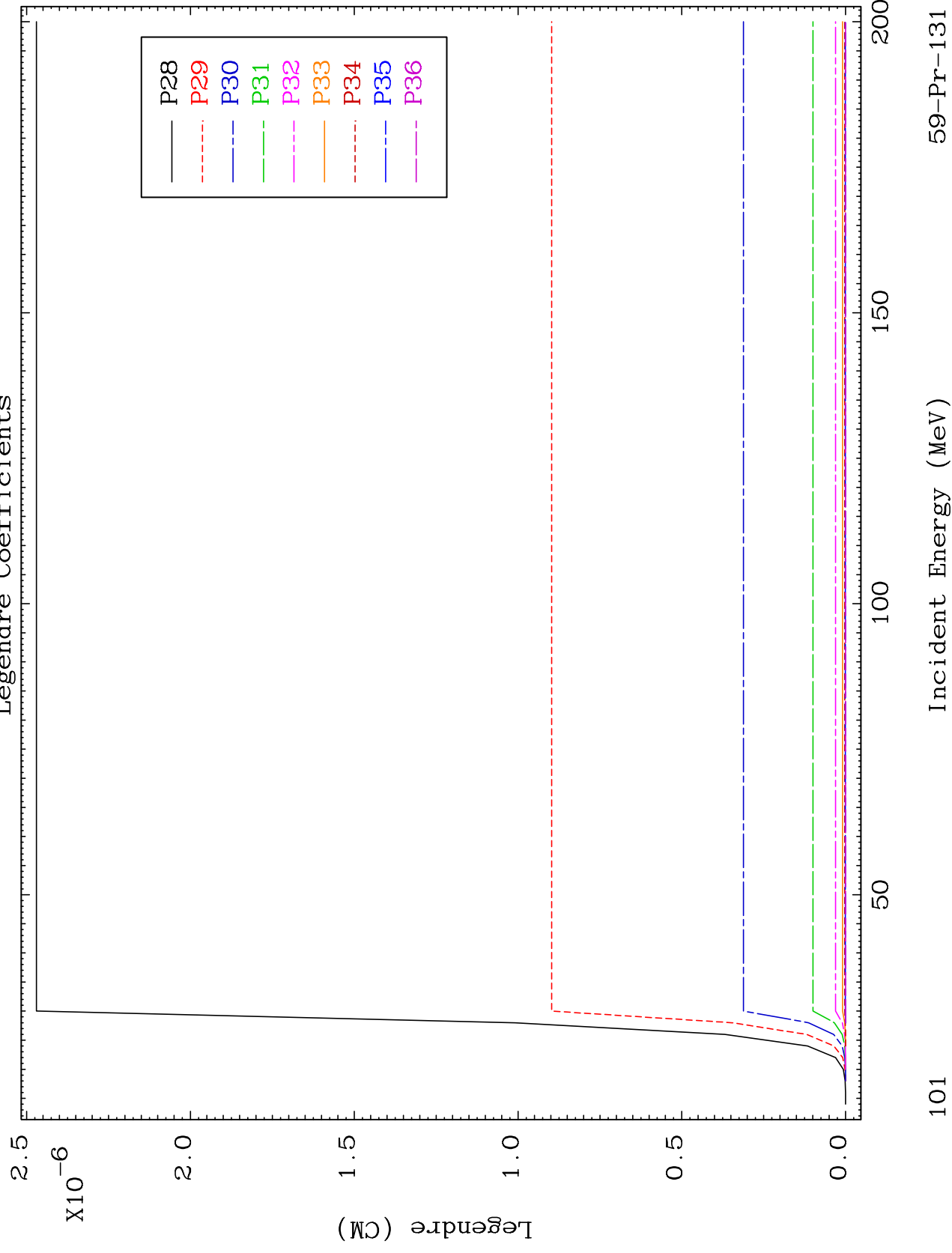
59-Pr-131



MAT 5895

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

59-Pr-131



101

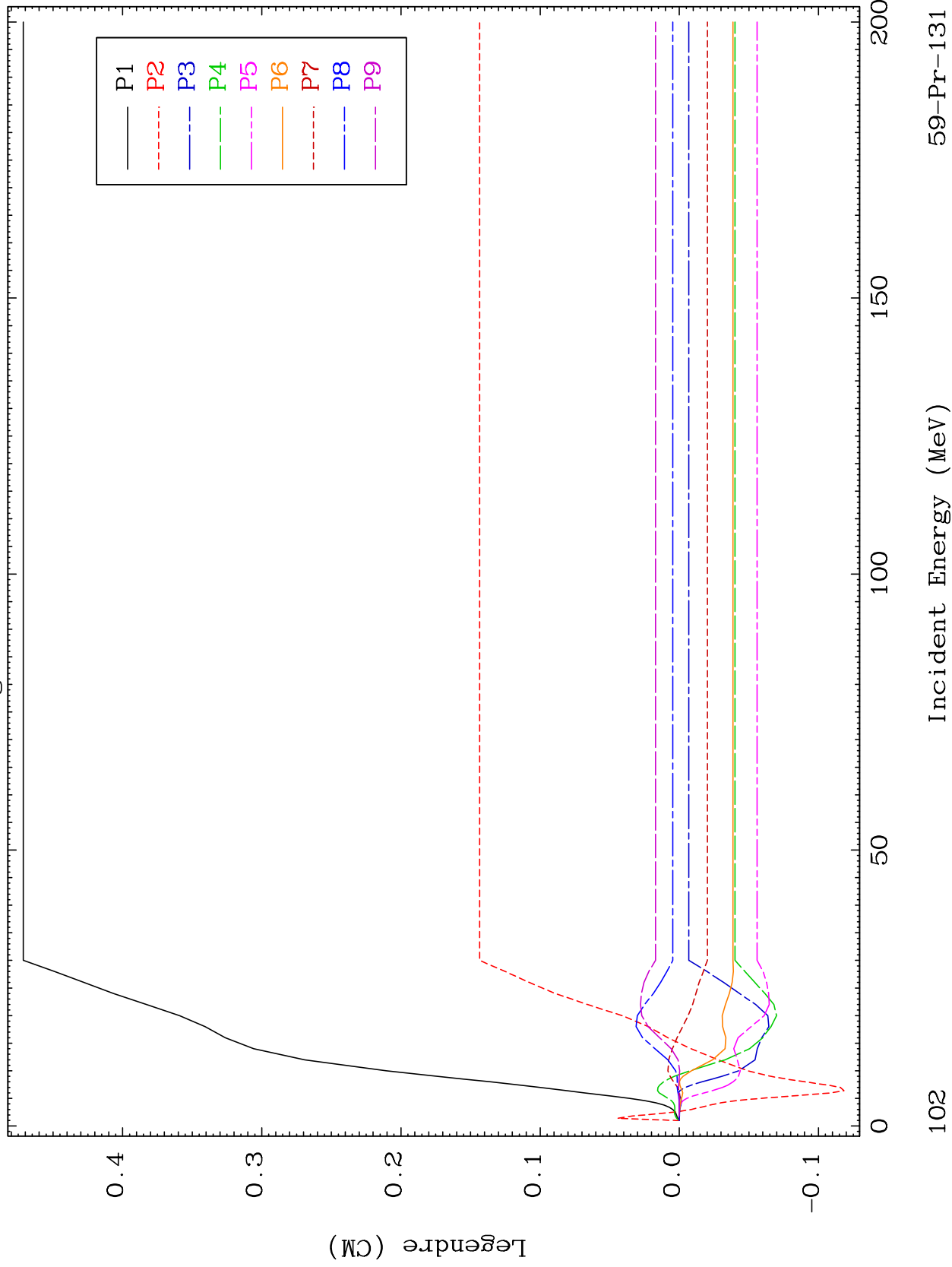
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

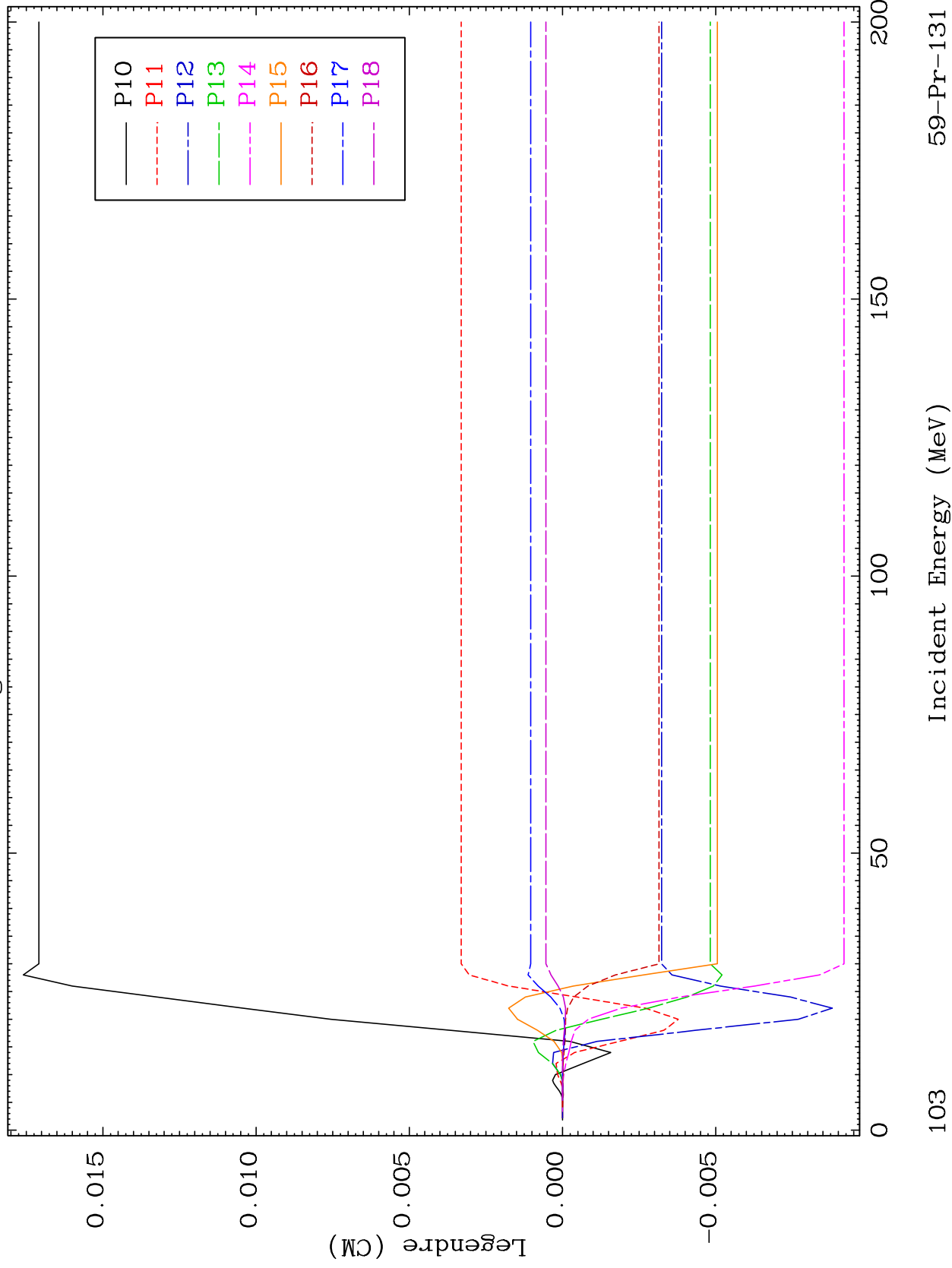
Incident Energy (MeV)

102

MAT 5895

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

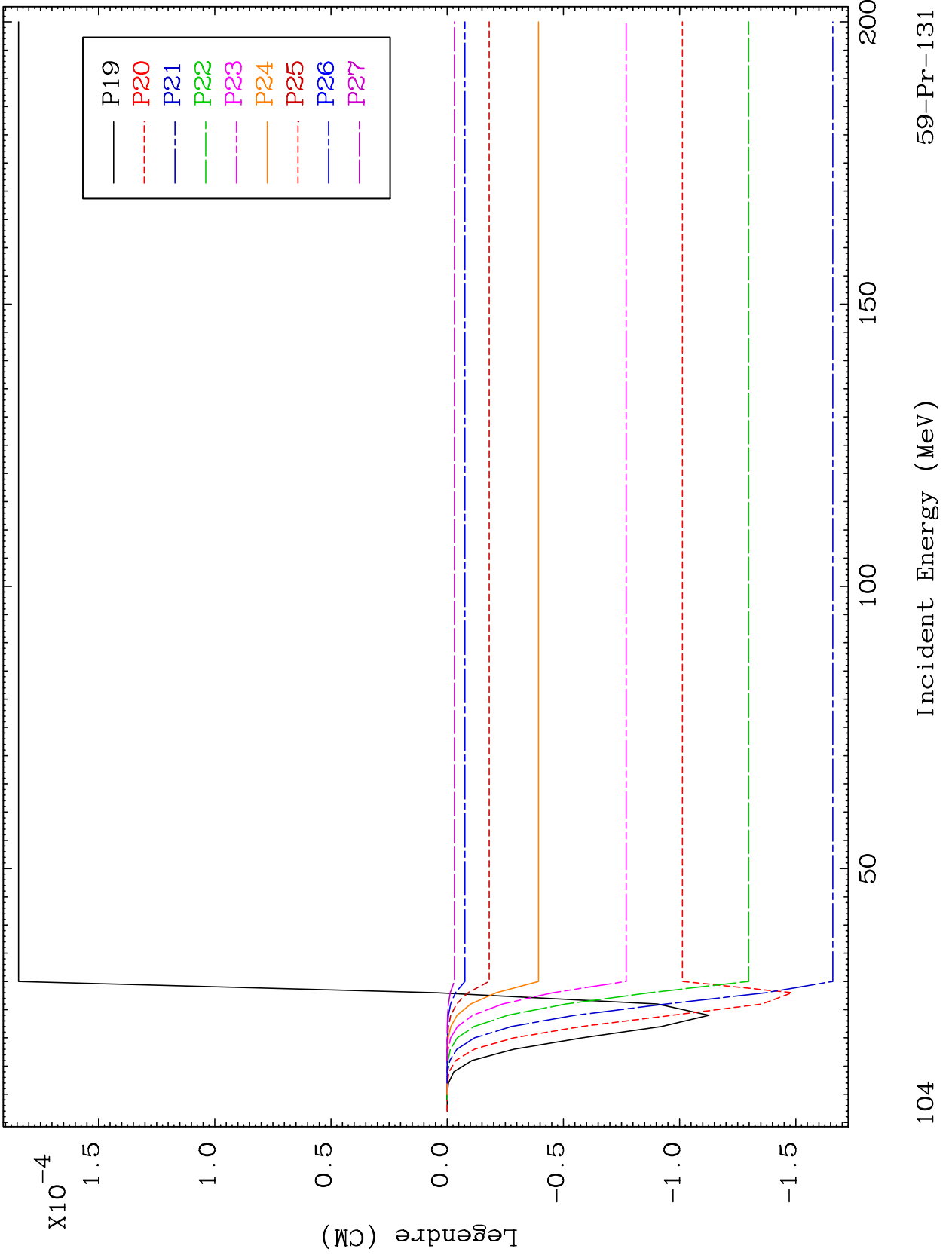
59-Pr-131



59-Pr-131

Incident Energy (MeV)

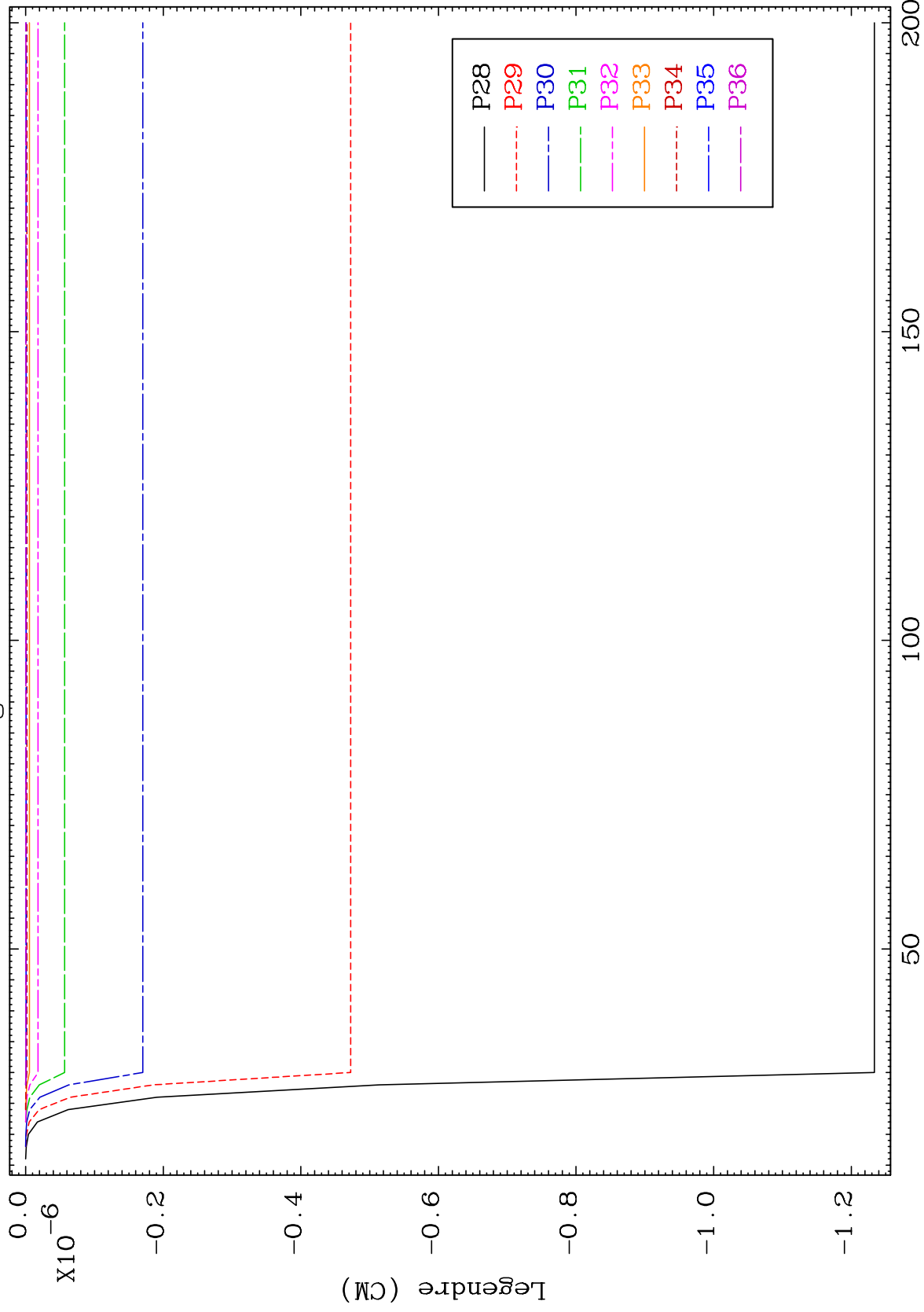
103



MAT 5895

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

59-Pr-131



105

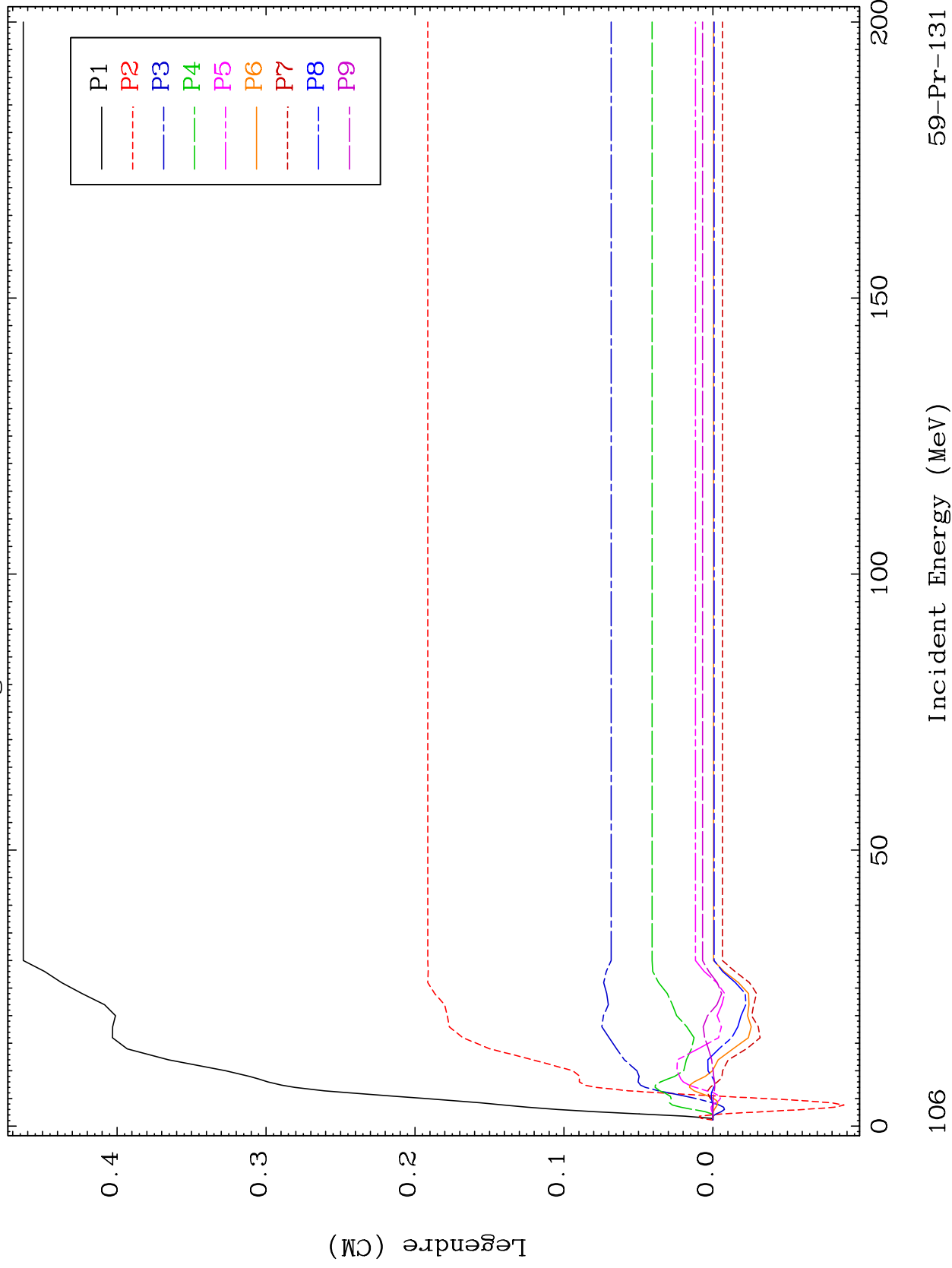
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

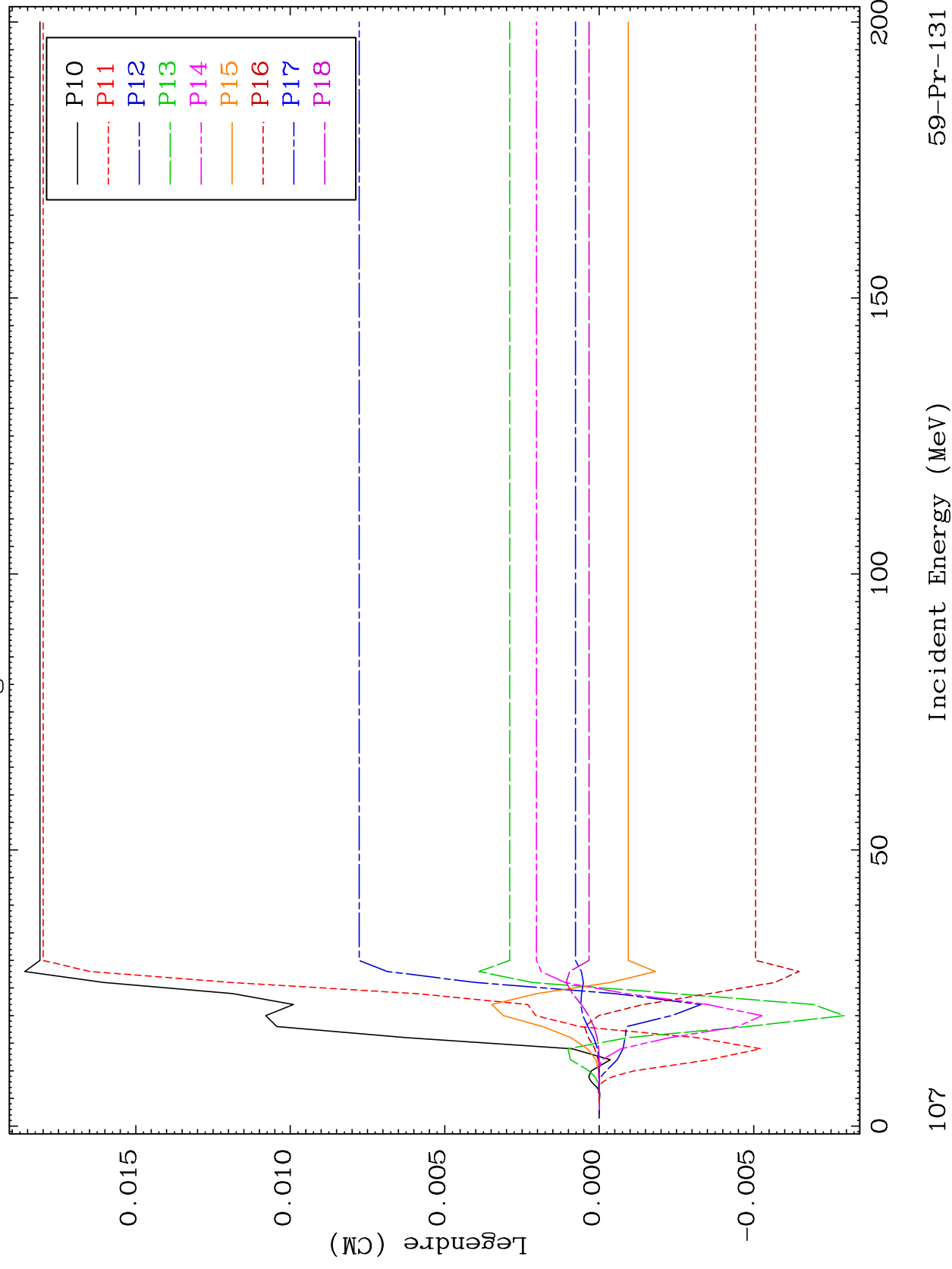
Incident Energy (MeV)

106

MAT 5895

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

59-Pr-131



59-Pr-131

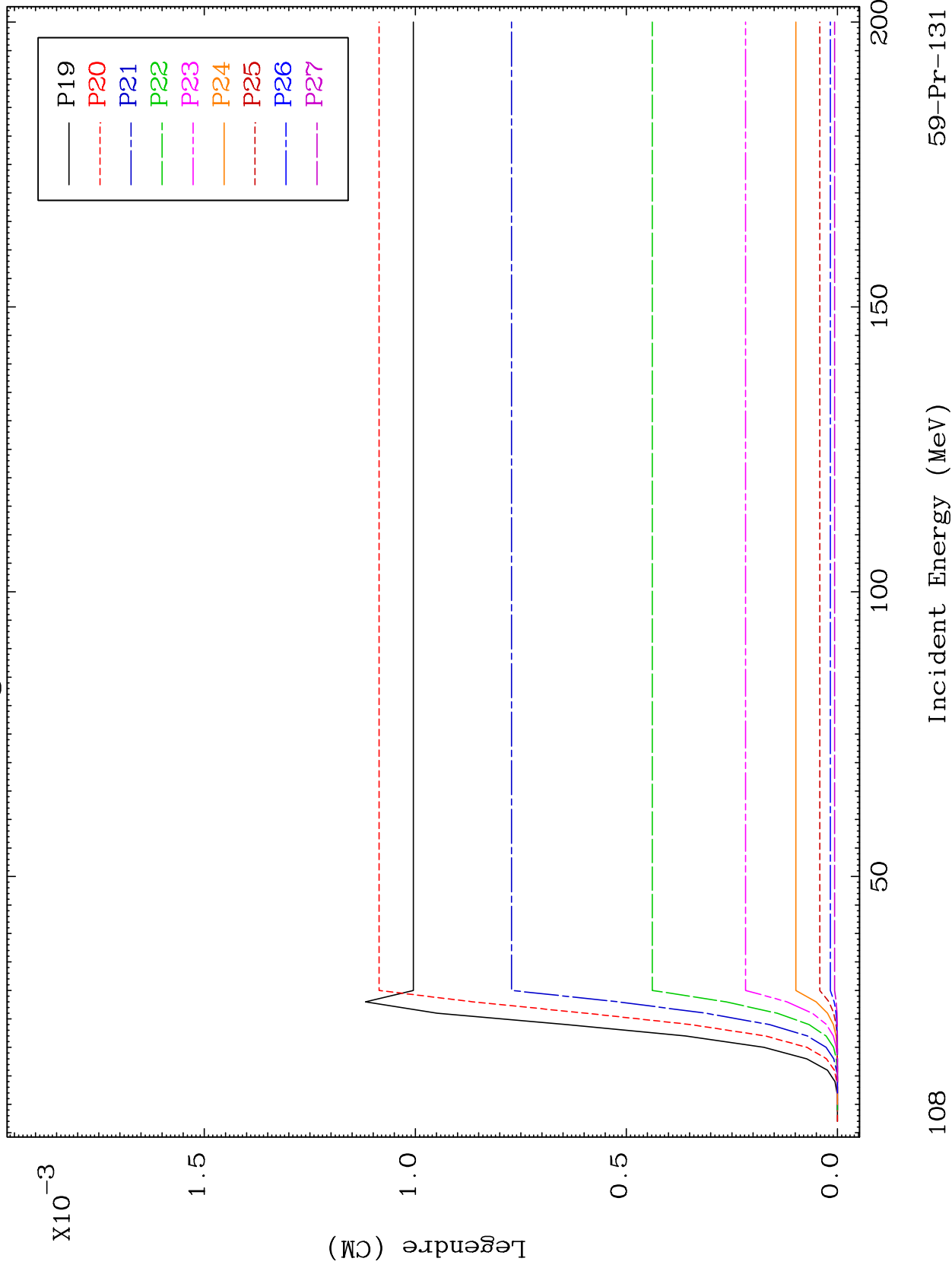
Incident Energy (MeV)

107

MAT 5895

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

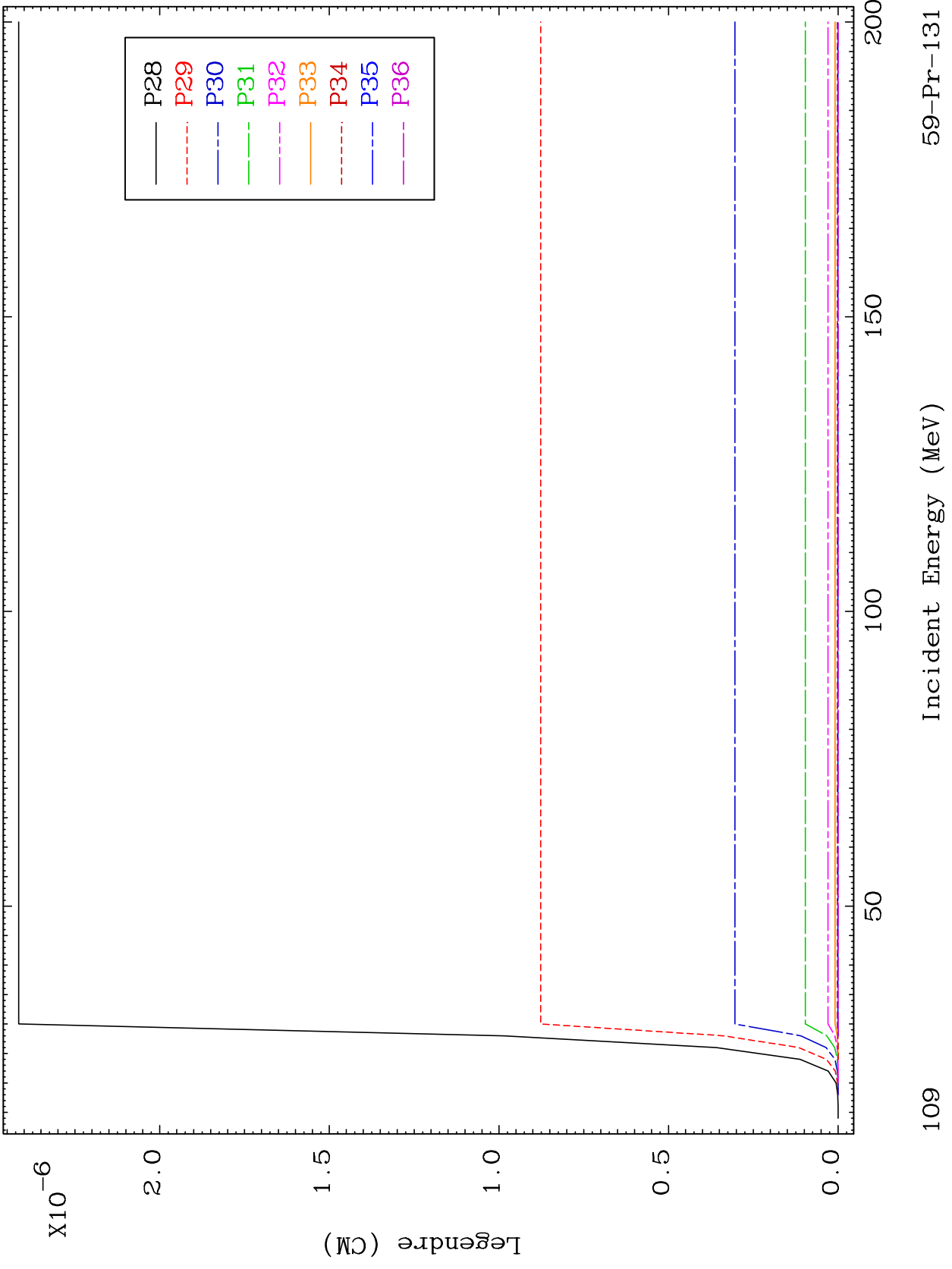
59-Pr-131



MAT 5895

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

59-Pr-131



109

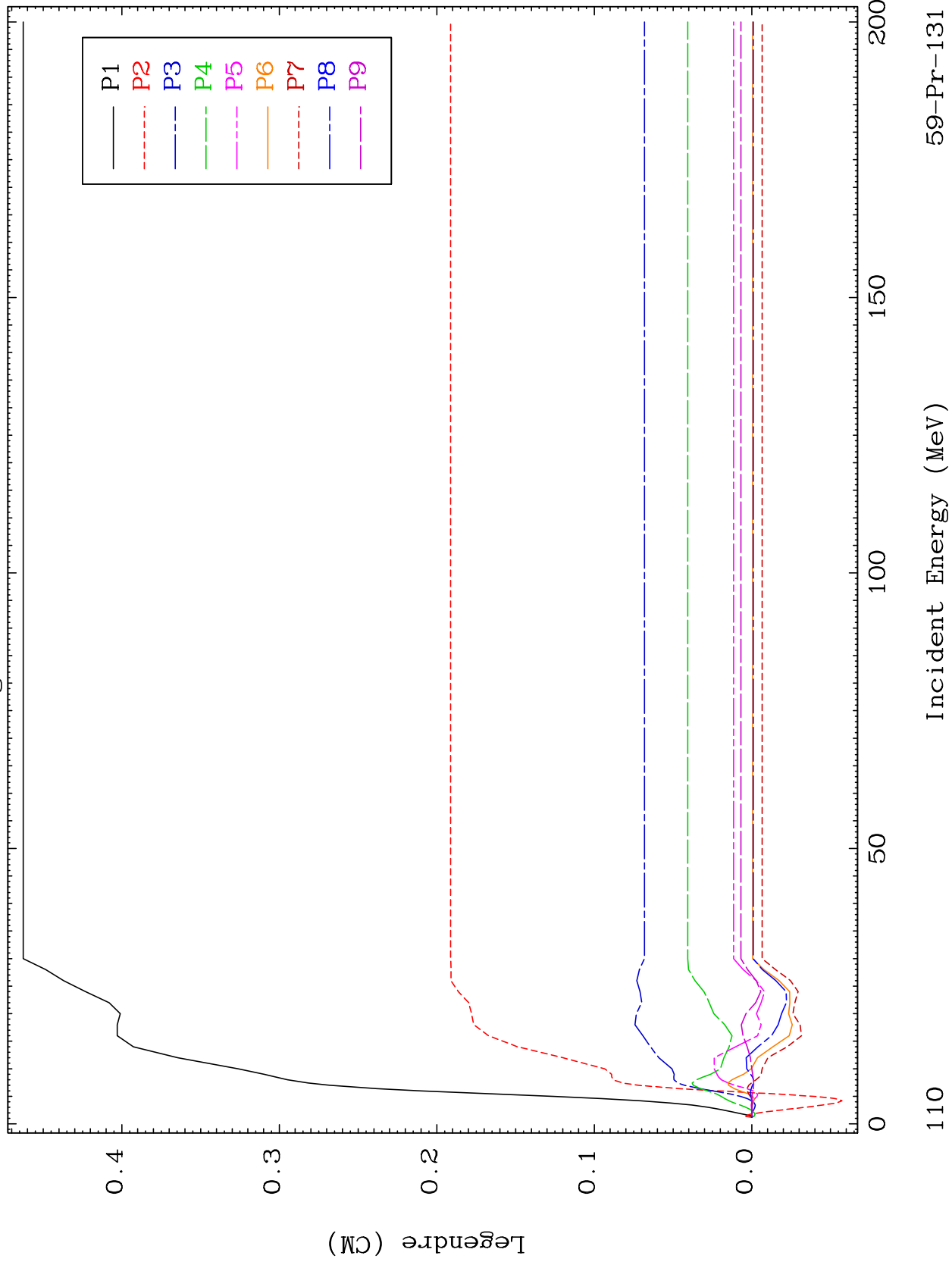
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

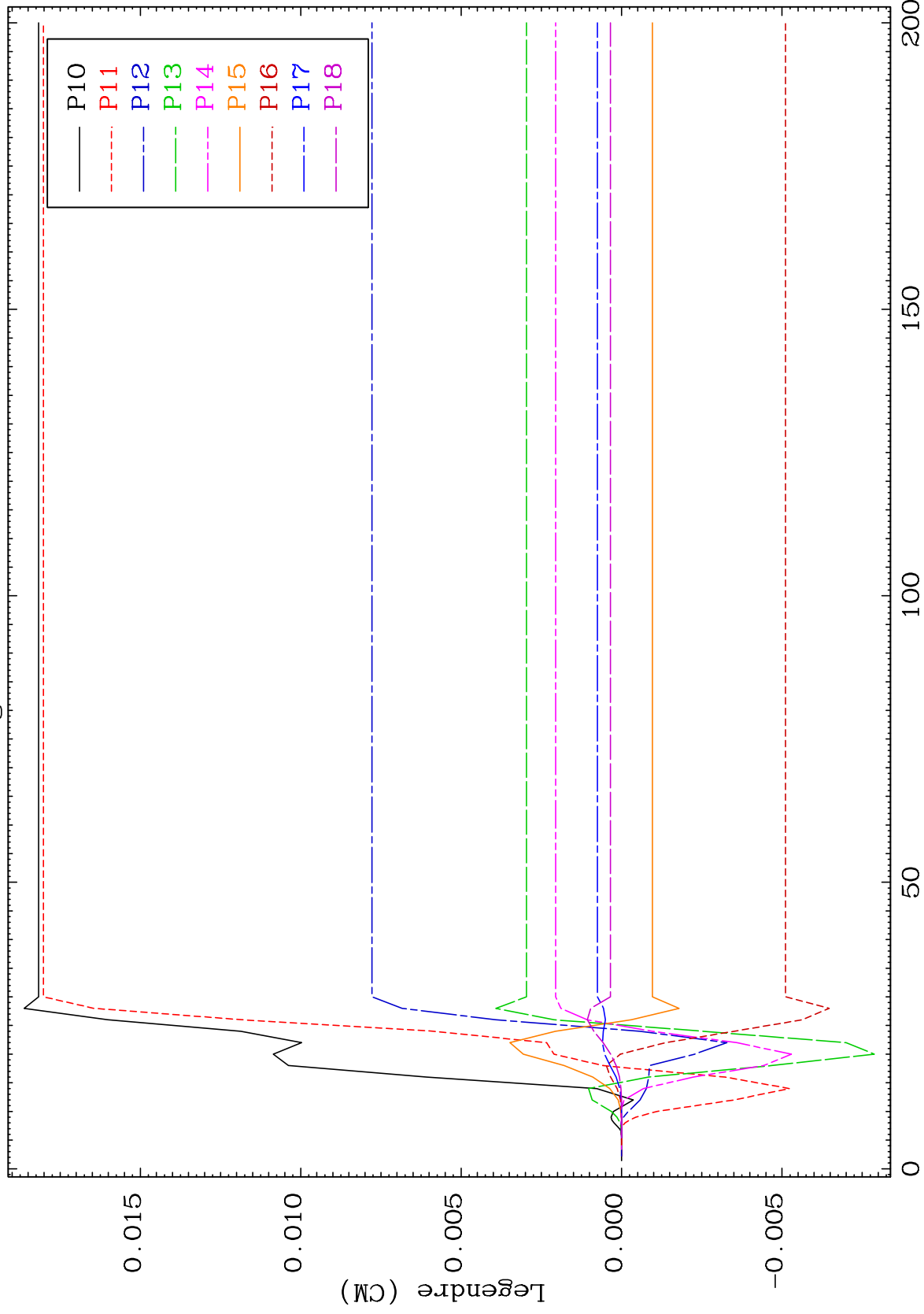
Incident Energy (MeV)

110

MAT 5895

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

59-Pr-131



111

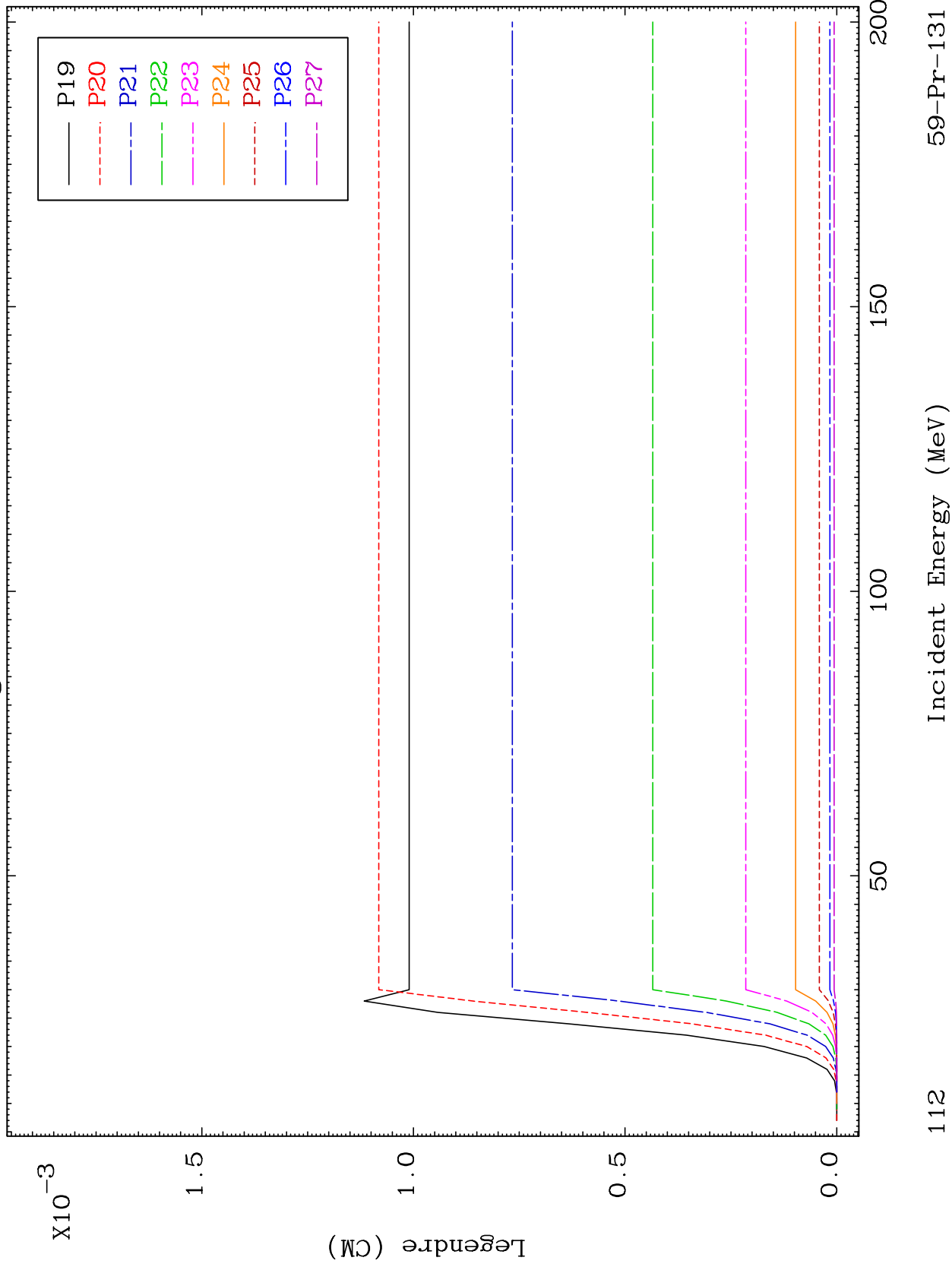
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



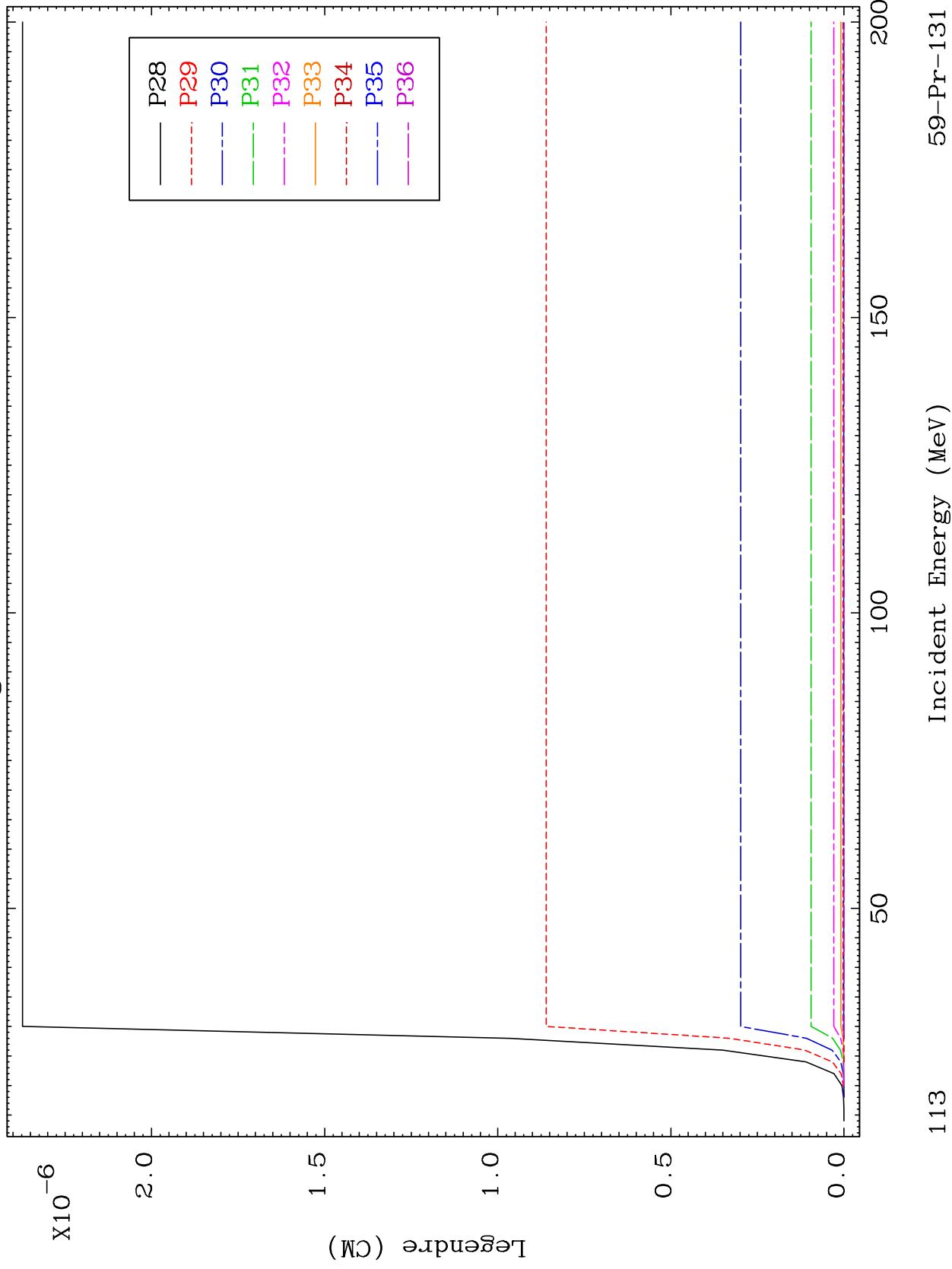
112

59-Pr-131

MAT 5895

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

59-Pr-131



113

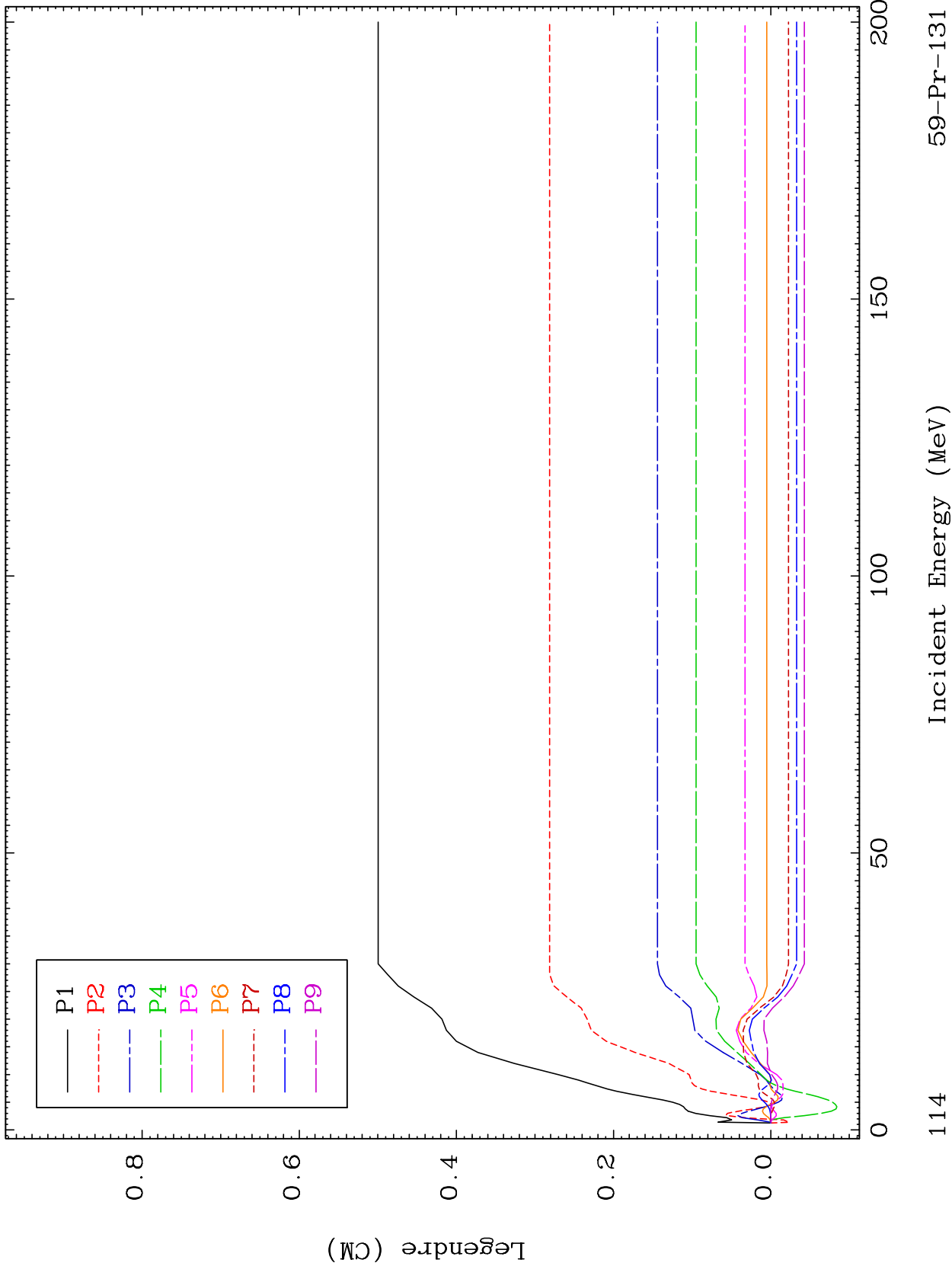
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

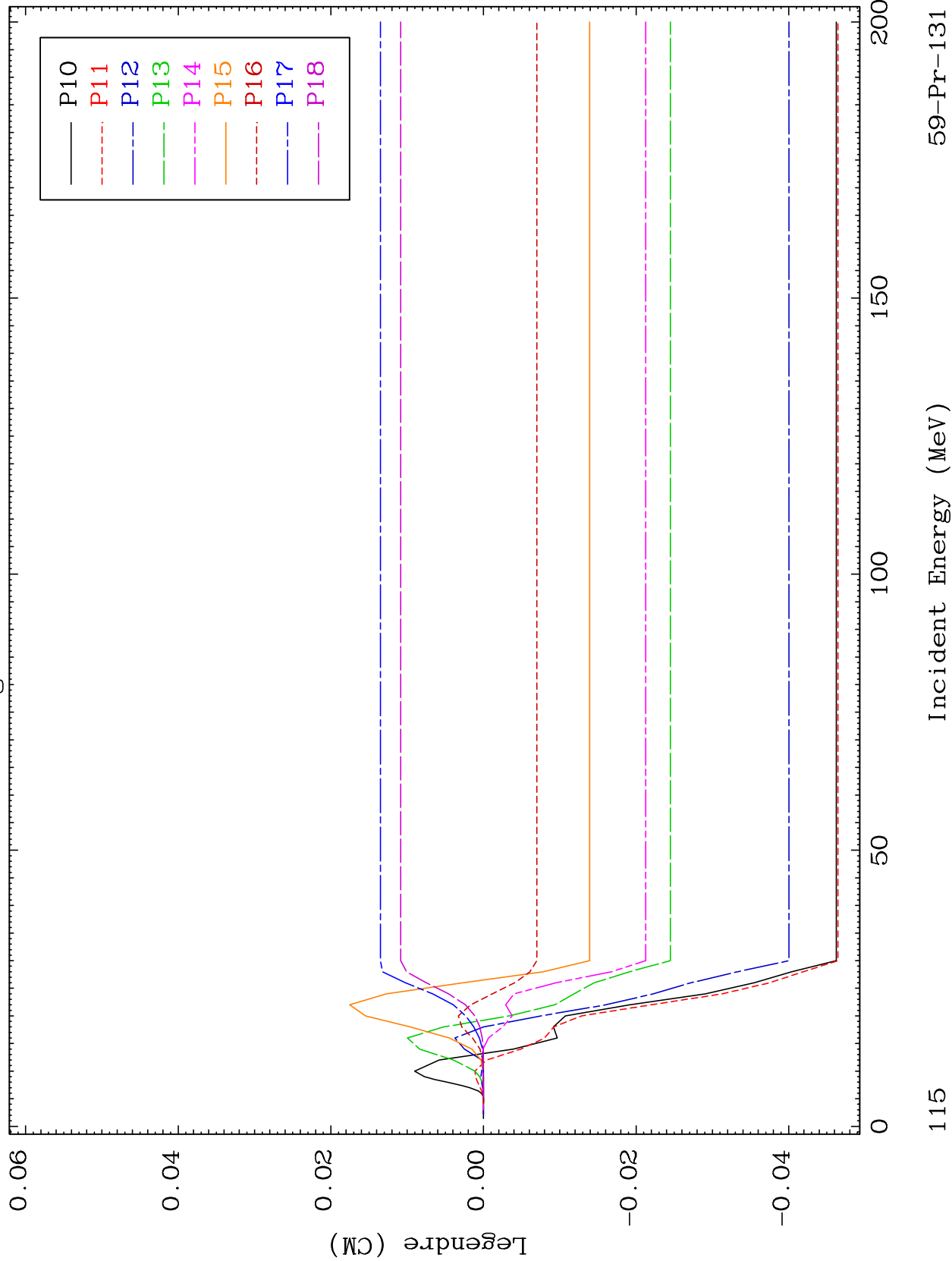
59-Pr-131



MAT 5895

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

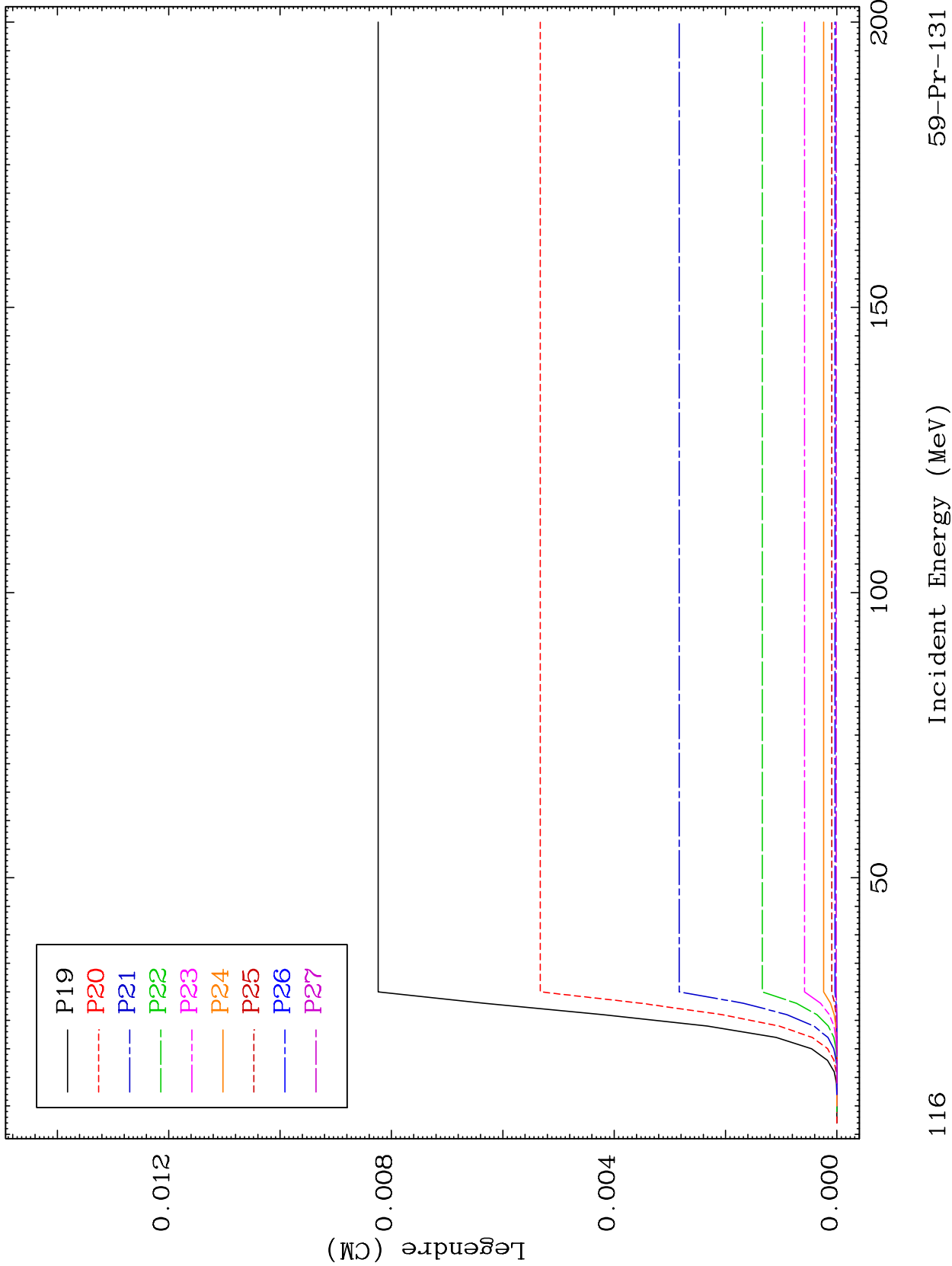
59-Pr-131



59-Pr-131

Incident Energy (MeV)

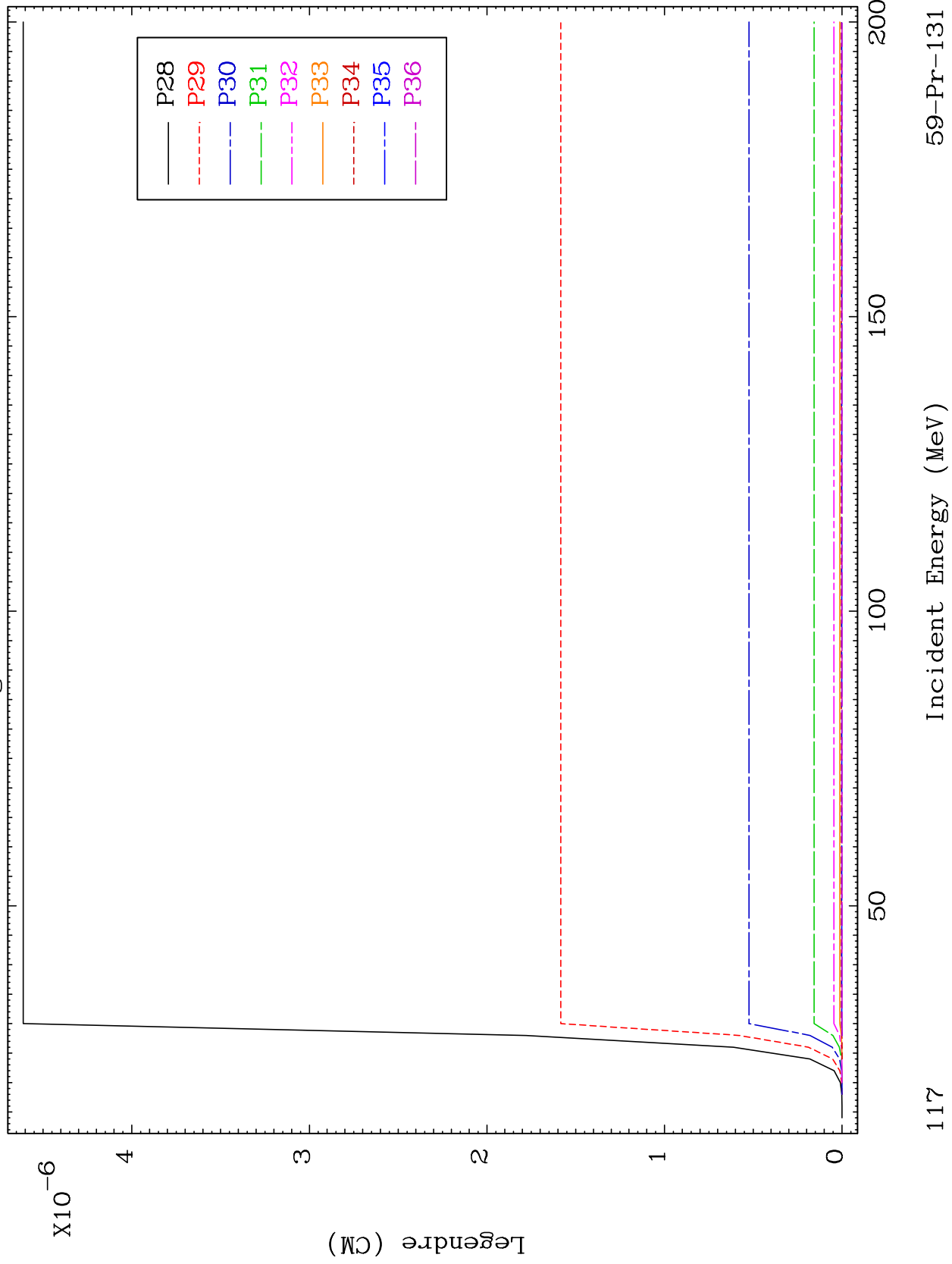
115



MAT 5895

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

59-Pr-131



117

Incident Energy (MeV)

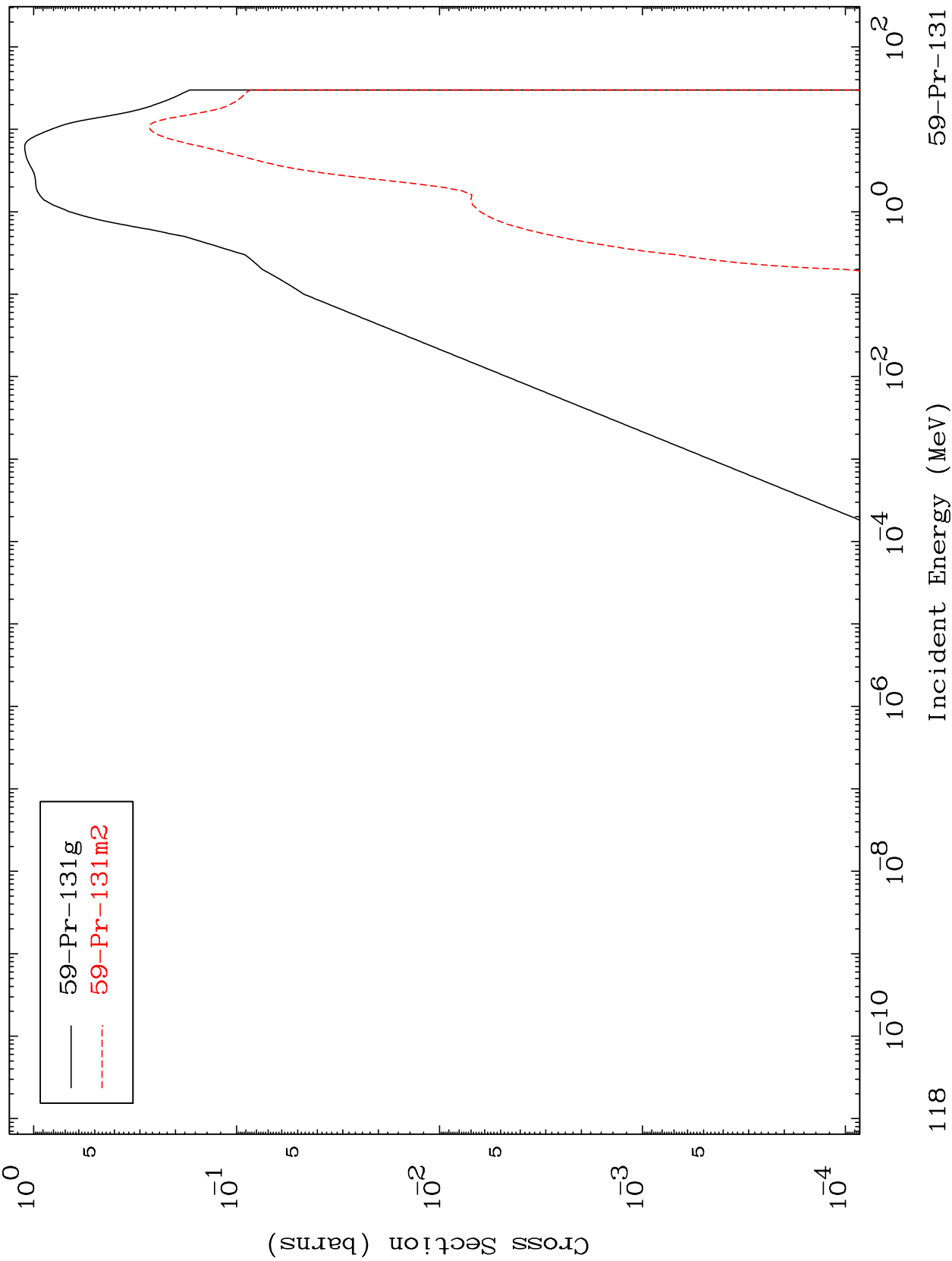
59-Pr-131

MAT 5895

Inelastic

59-Pr-131

Radionuclide Production Cross Section



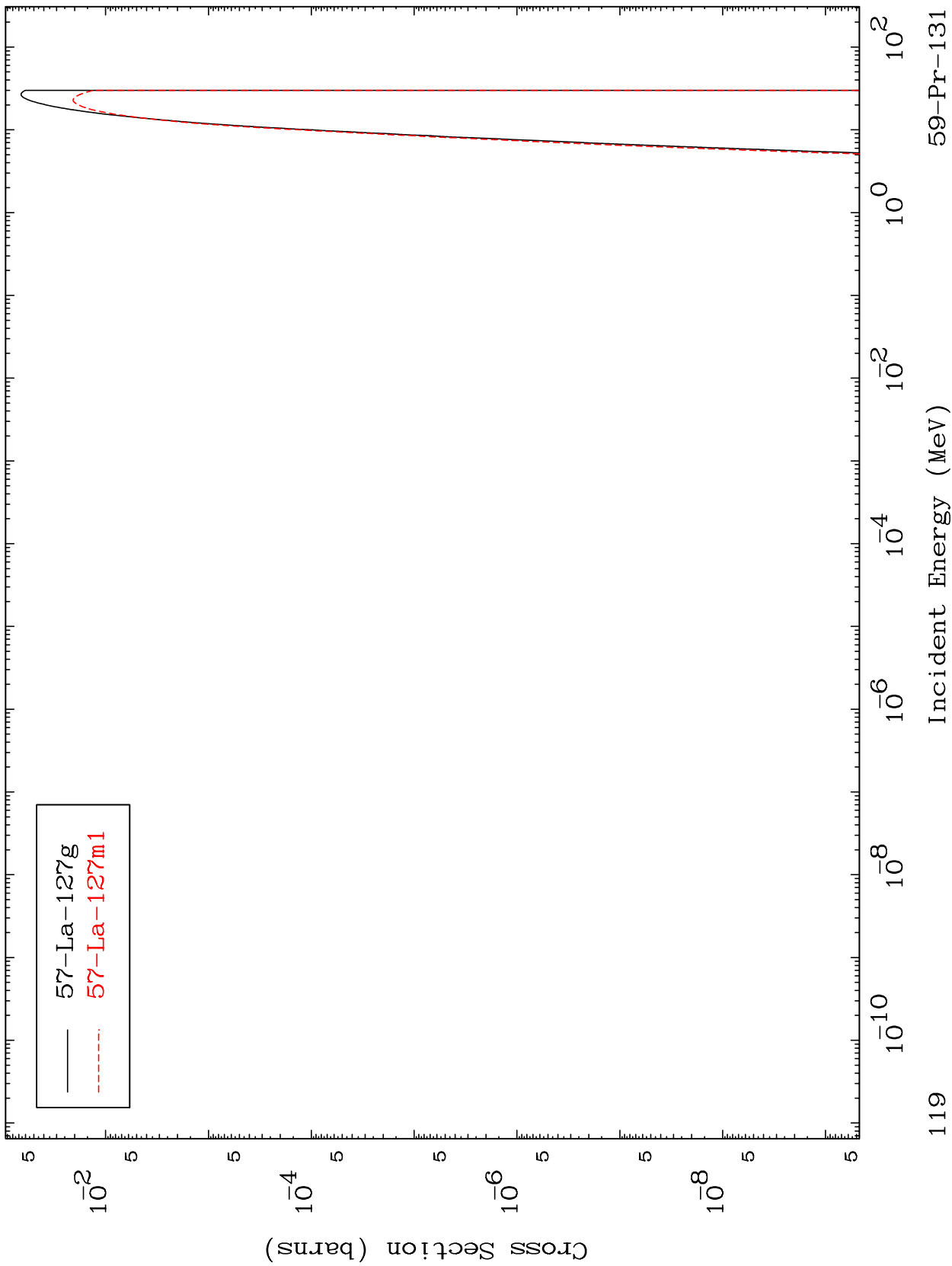
59-Pr-131 g
59-Pr-131 m2

MAT 5895

(n,n') α

59-Pr-131

Radionuclide Production Cross Section



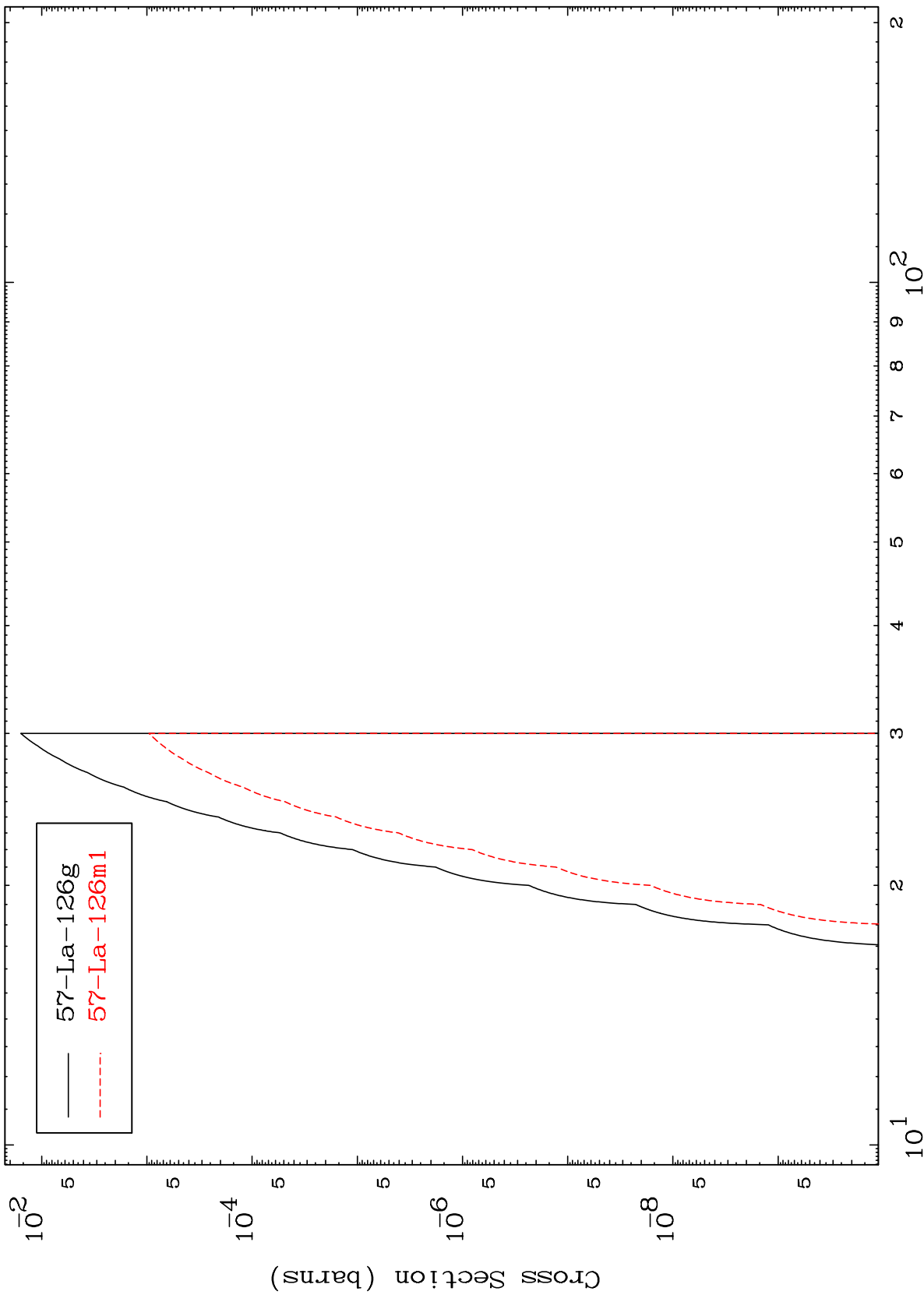
57-La-127g
57-La-127m1

MAT 5895

(n,2n) α

59-Pr-131

Radionuclide Production Cross Section



120

Incident Energy (MeV)

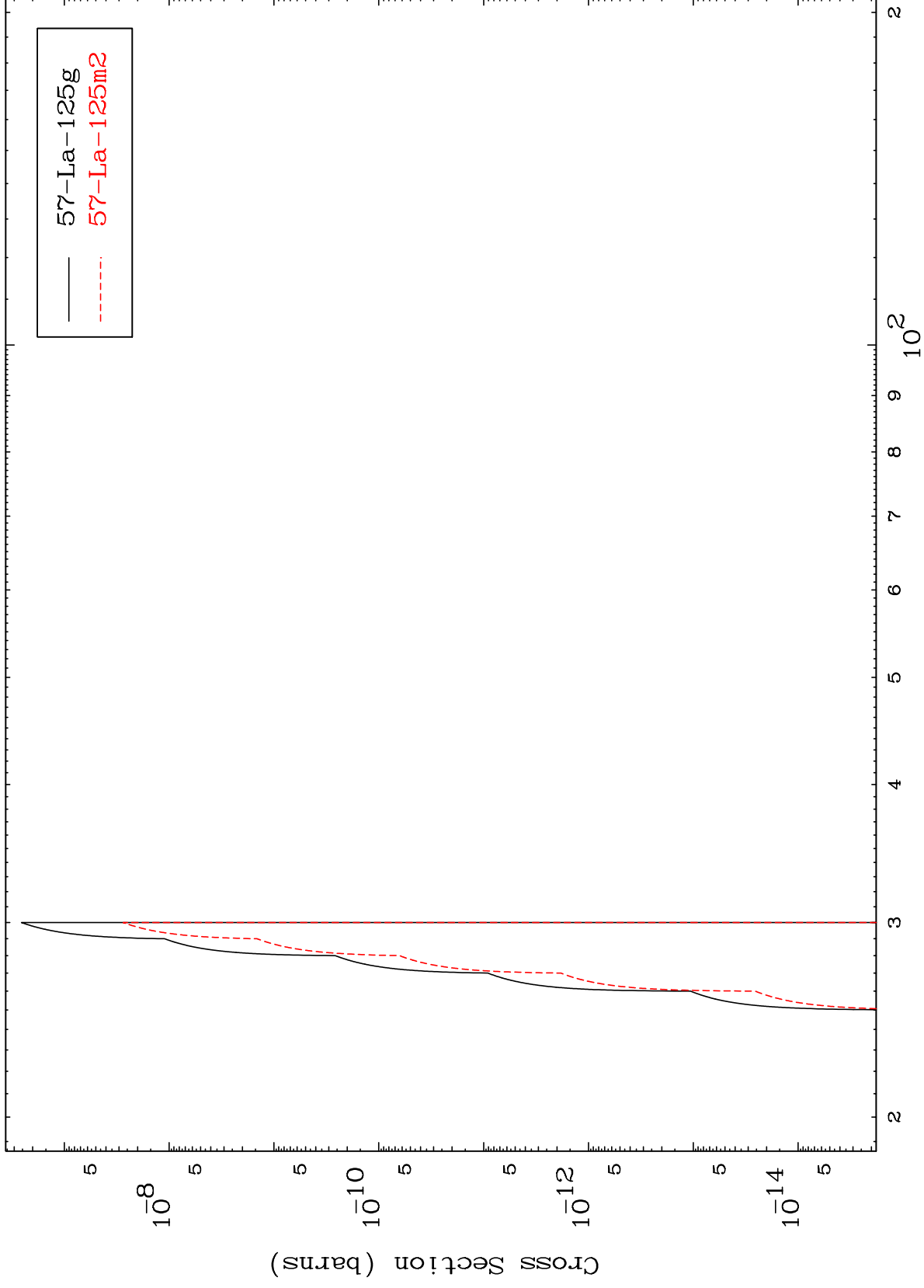
59-Pr-131

MAT 5895

(n,3n) α

59-Pr-131

Radionuclide Production Cross Section



121

Incident Energy (MeV)

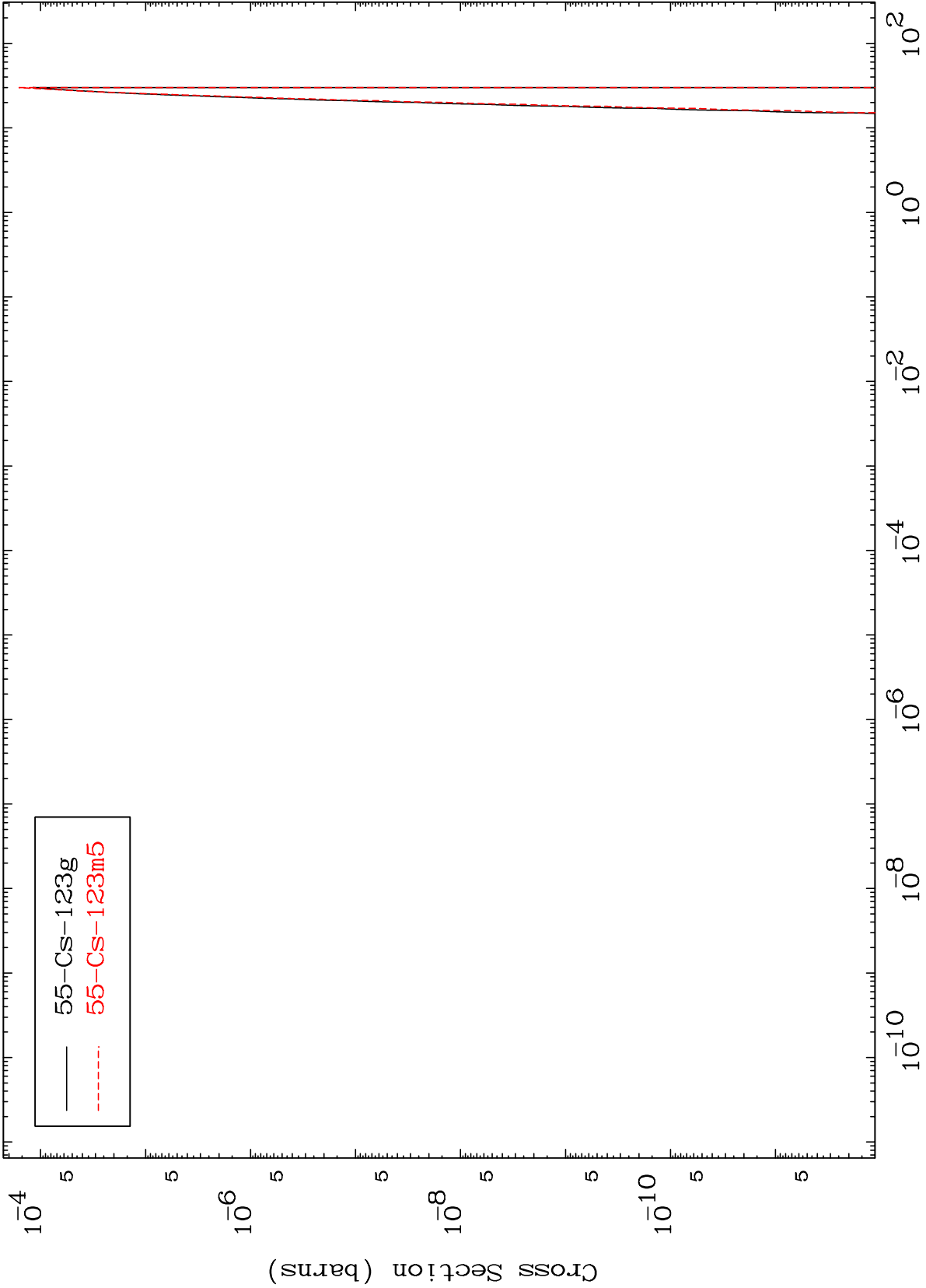
59-Pr-131

MAT 5895

(n,n') 2 α

59-Pr-131

Radionuclide Production Cross Section

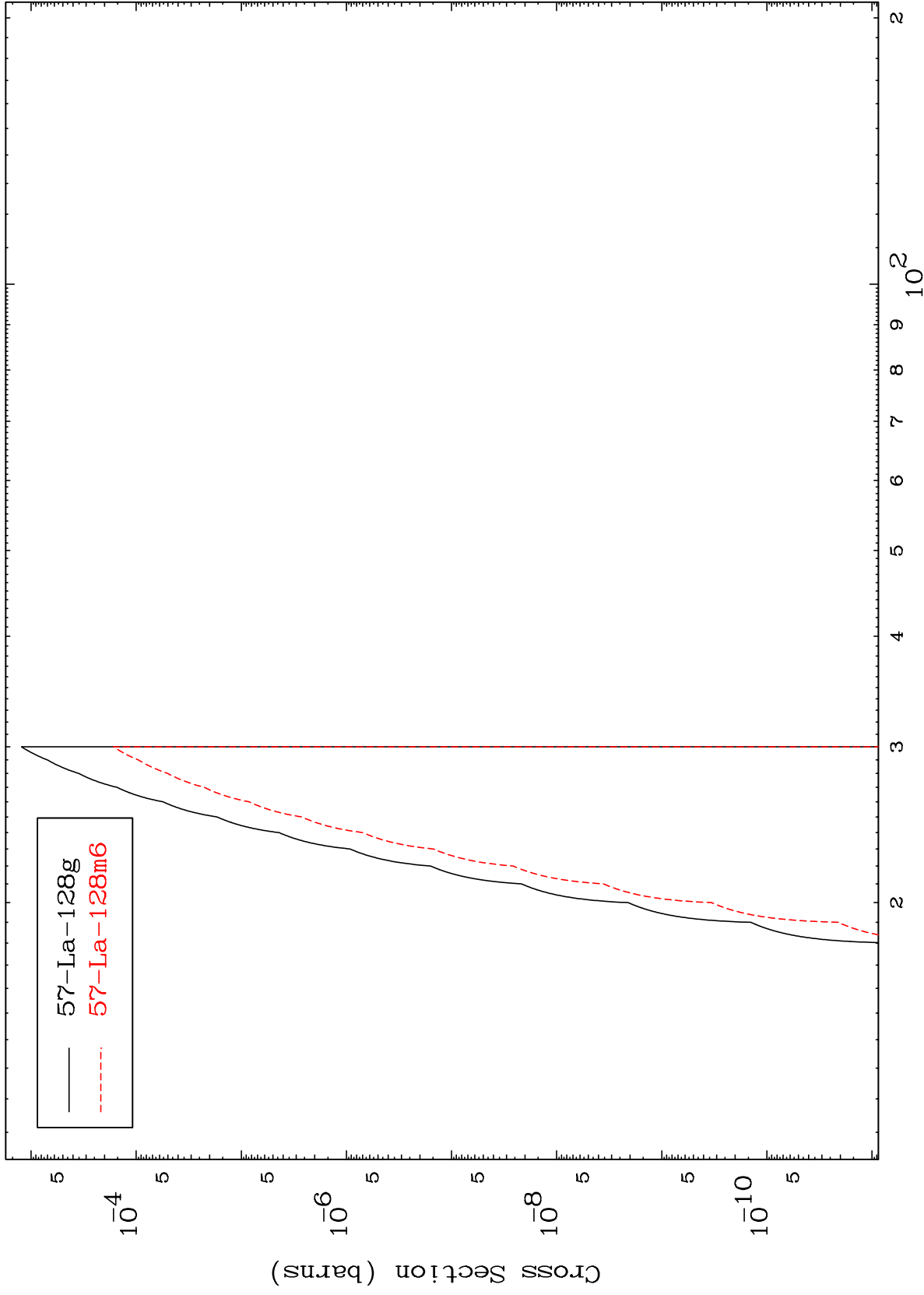


122

Incident Energy (MeV)

59-Pr-131

Radionuclide Production Cross Section

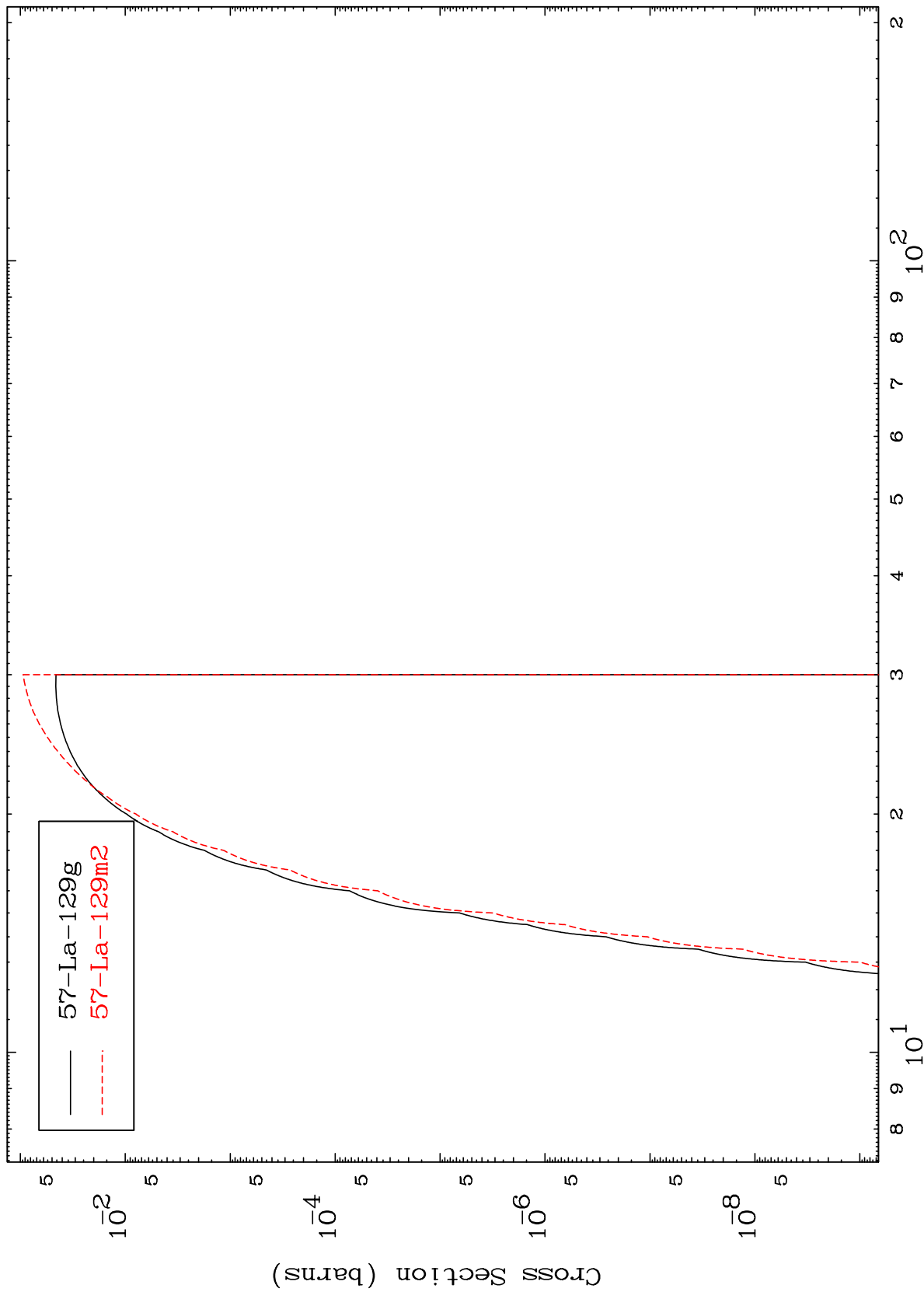


MAT 5895

(n,2n) p

59-Pr-131

Radionuclide Production Cross Section



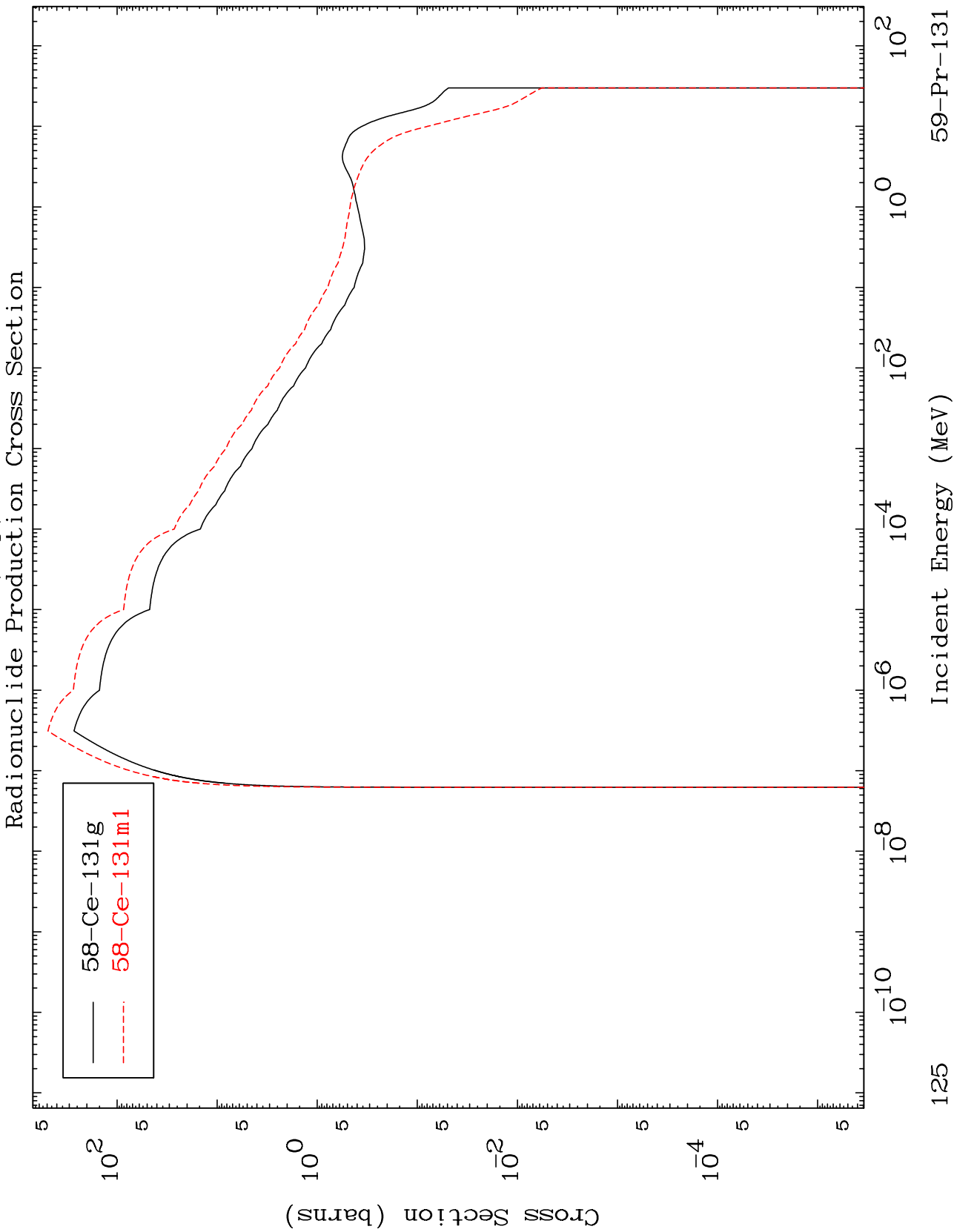
124

Incident Energy (MeV)

59-Pr-131

MAT 5895

59-Pr-131

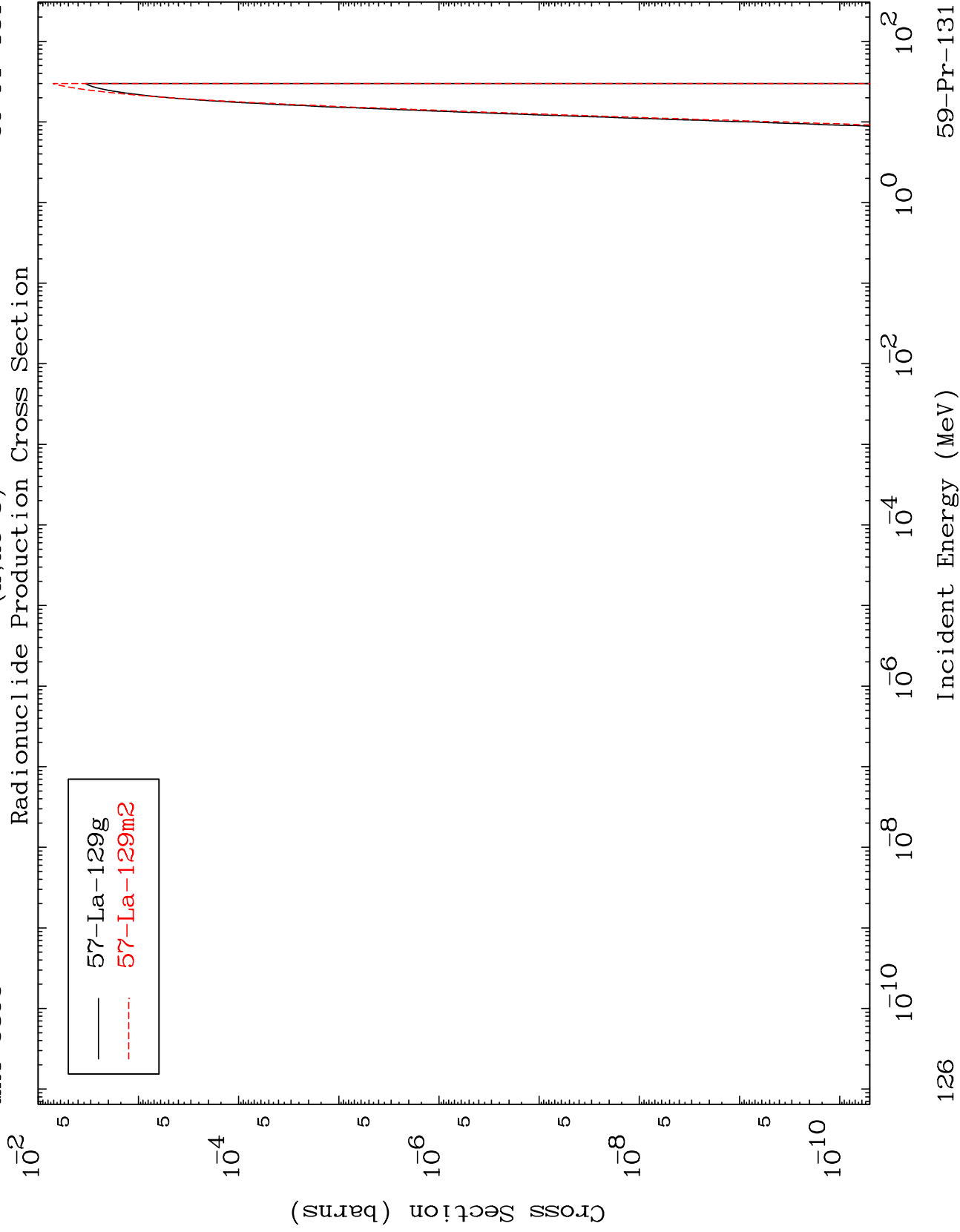


MAT 5895

(n,He-3)

59-Pr-131

Radionuclide Production Cross Section

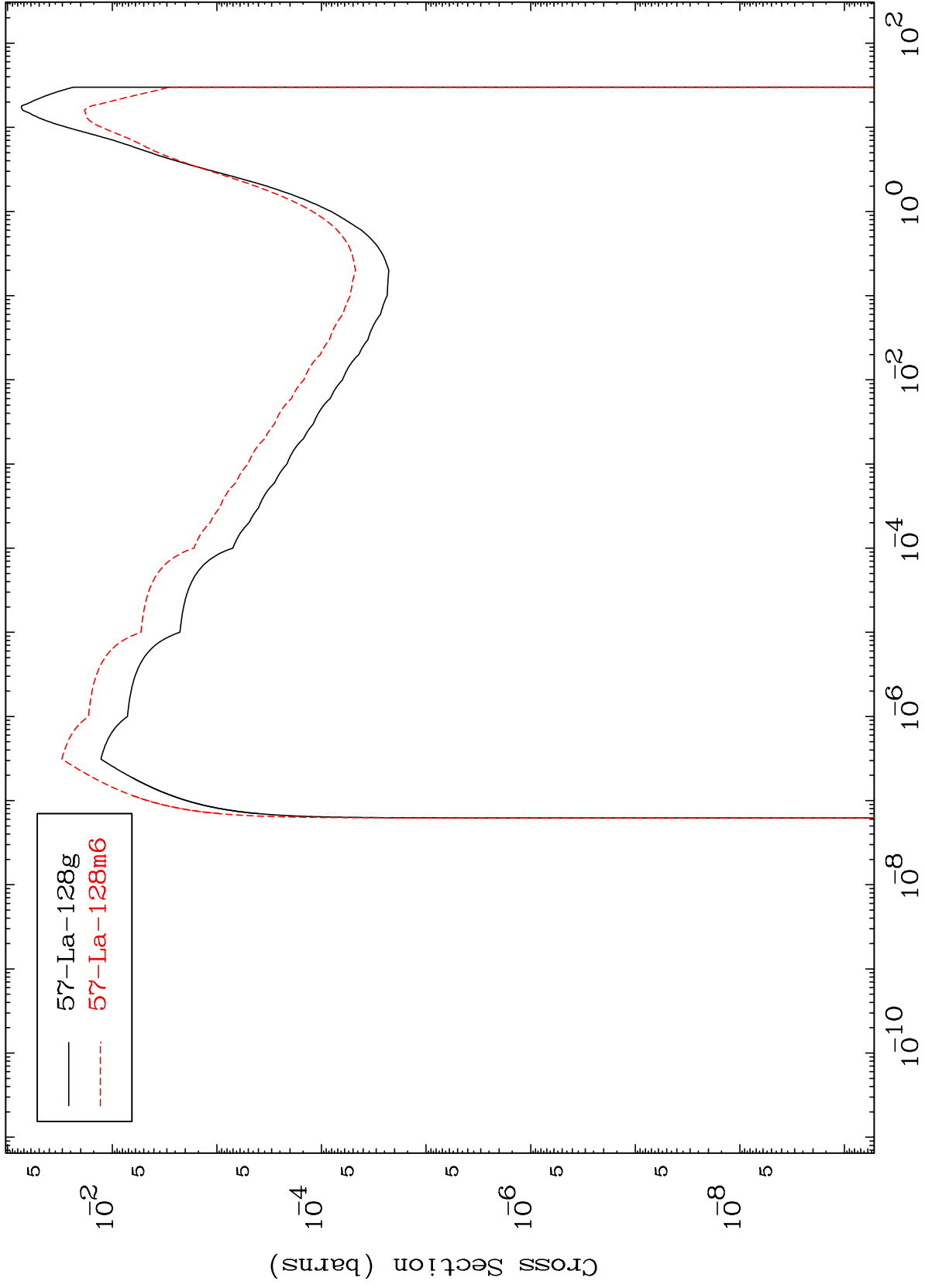


126

MAT 5895

59-Pr-131

(n, α)
Radionuclide Production Cross Section



— 57-La-128g
- - - 57-La-128m6

59-Pr-131

Incident Energy (MeV)

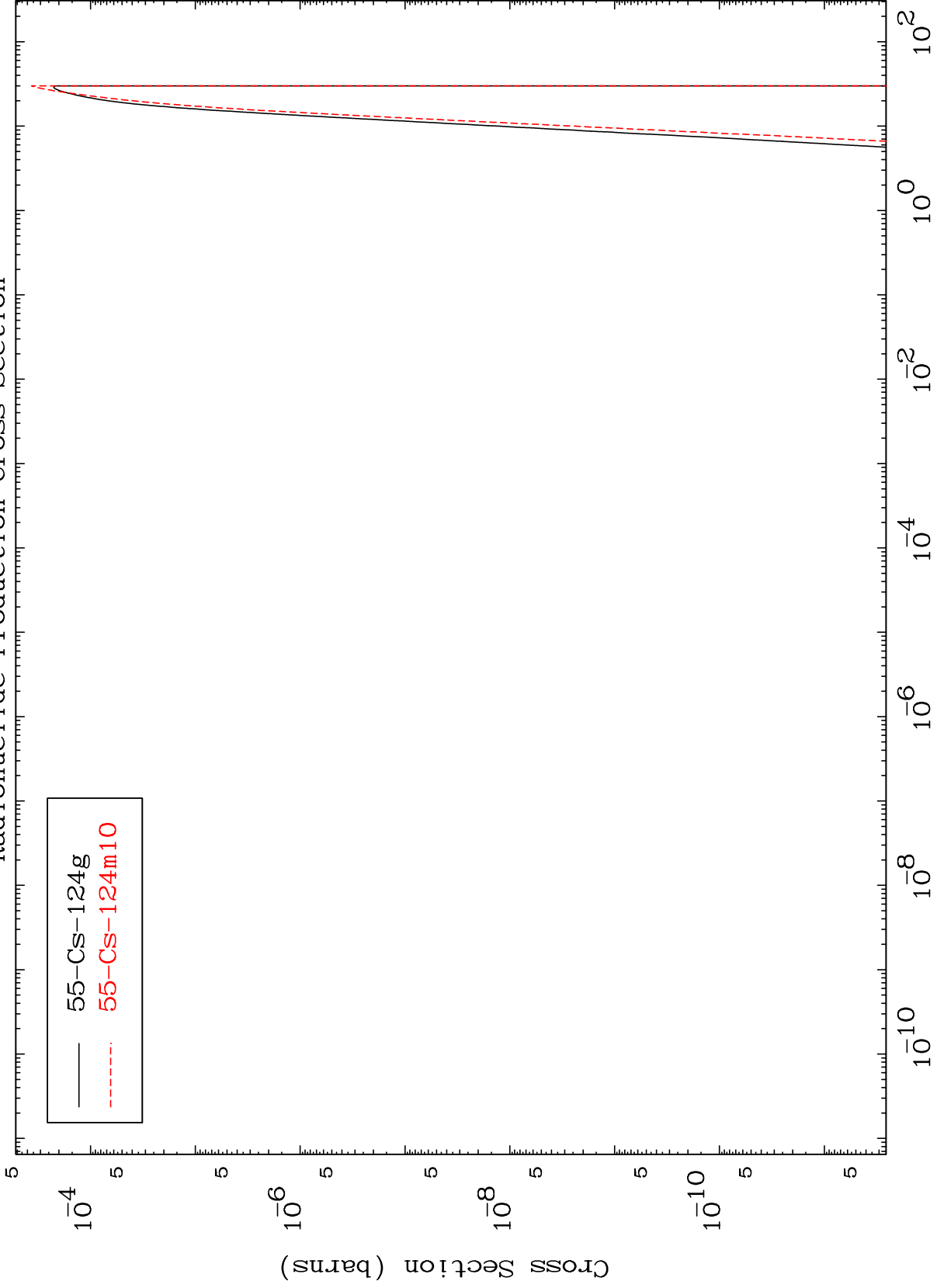
127

MAT 5895

(n,2α)

59-Pr-131

Radionuclide Production Cross Section

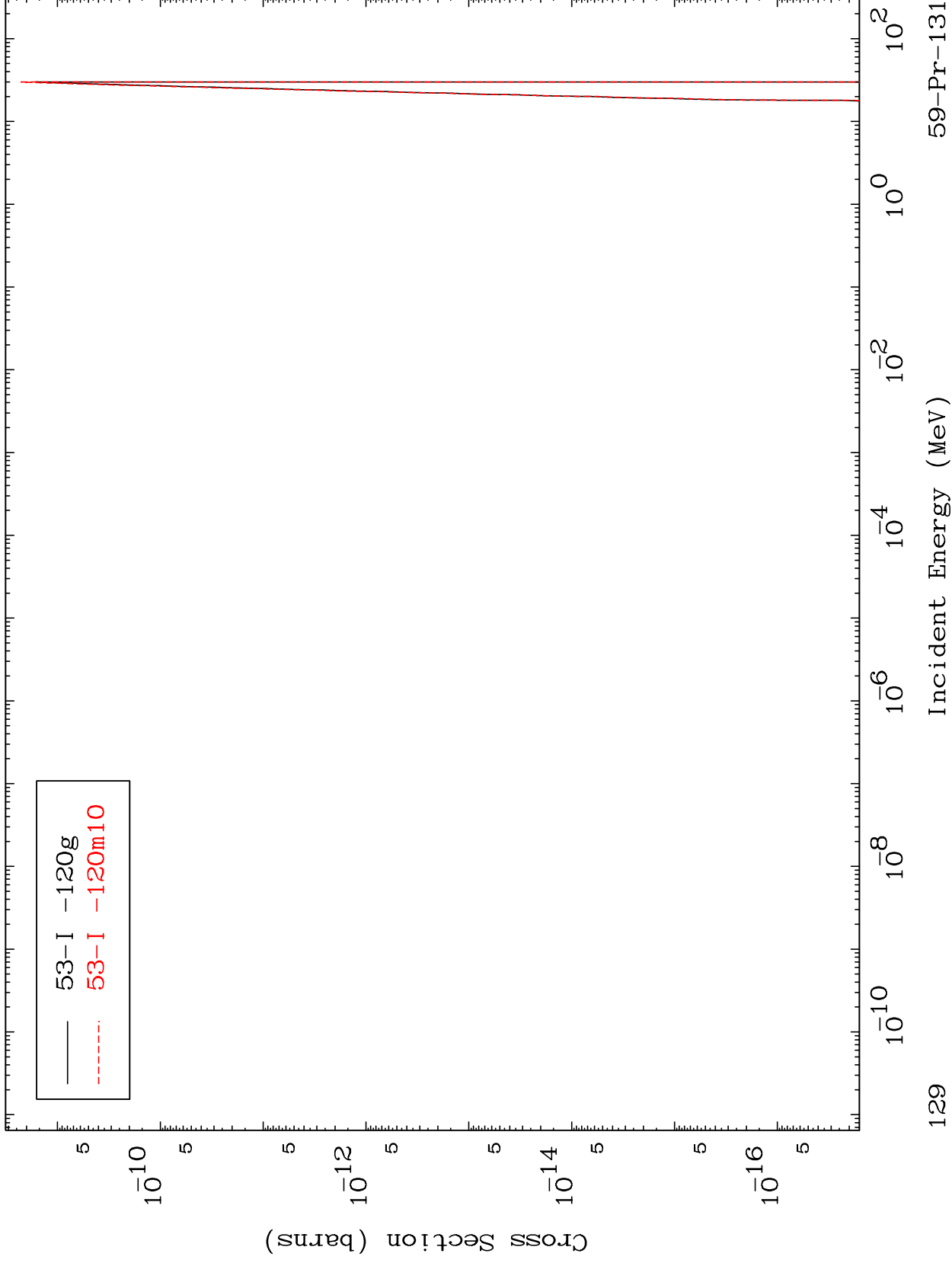


MAT 5895

(n,3 α)

59-Pr-131

Radionuclide Production Cross Section

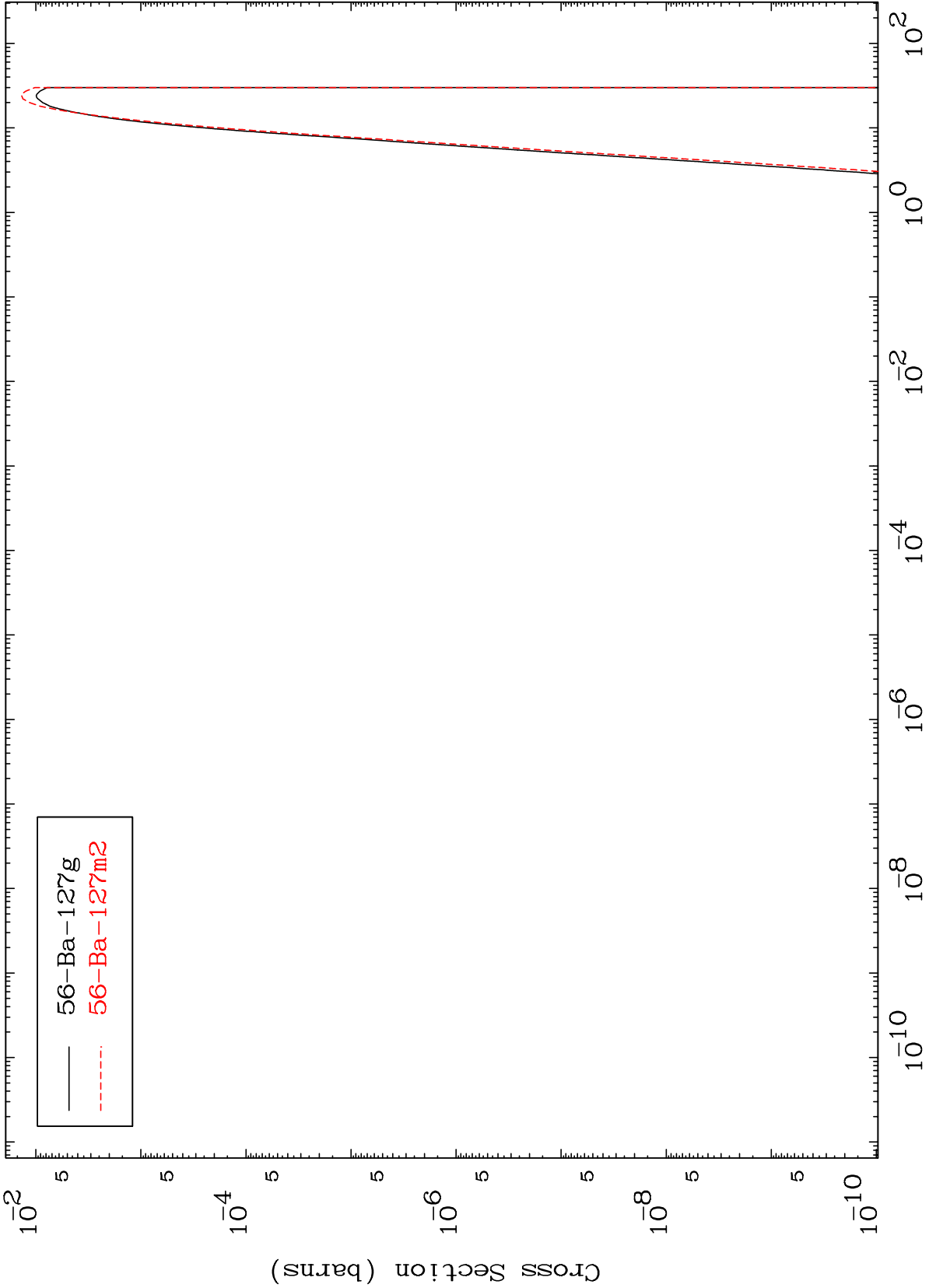


MAT 5895

(n,p) α

59-Pr-131

Radionuclide Production Cross Section



130

Incident Energy (MeV)

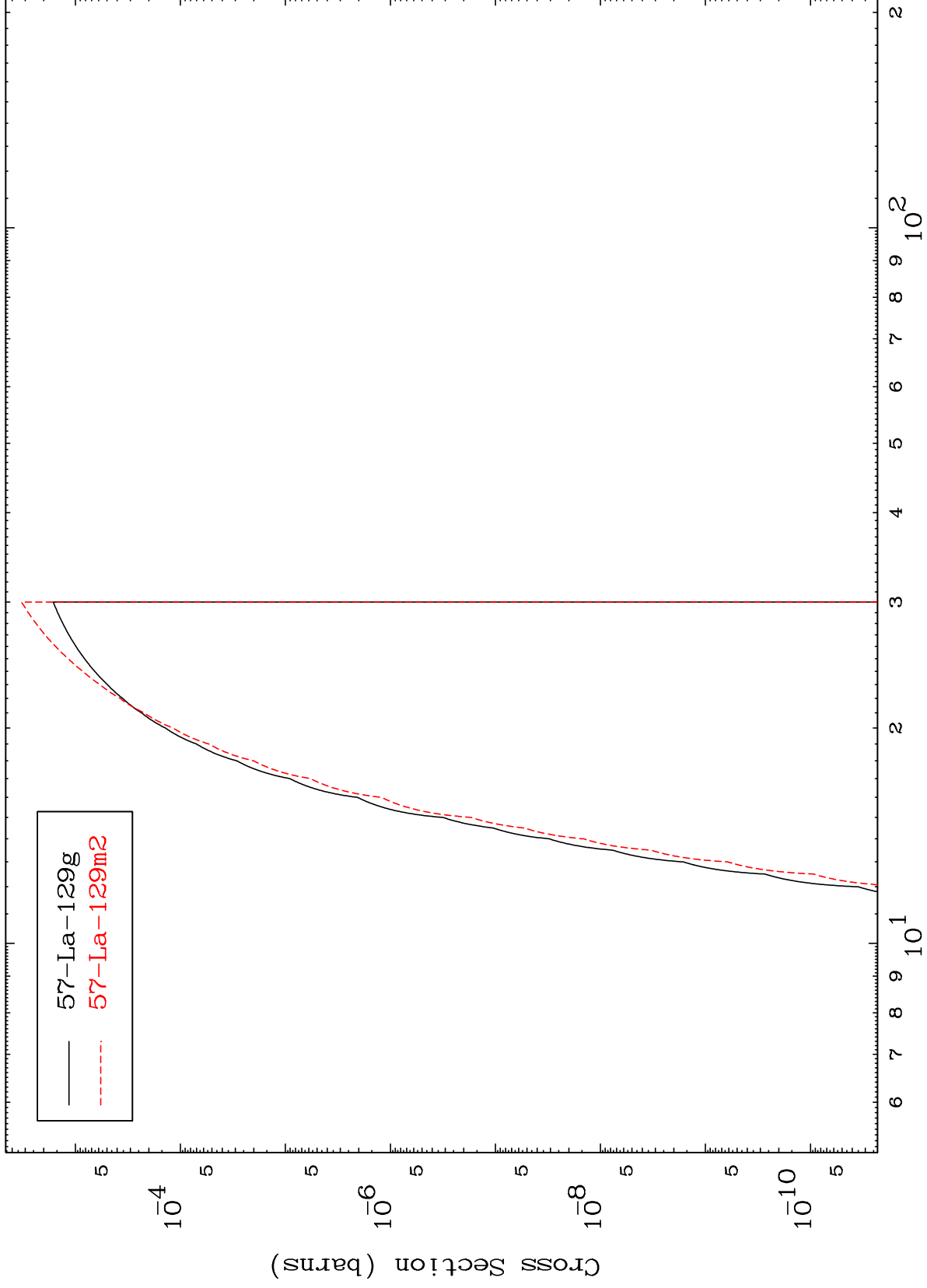
59-Pr-131

MAT 5895

(n,p) d

59-Pr-131

Radionuclide Production Cross Section



131

Incident Energy (MeV)

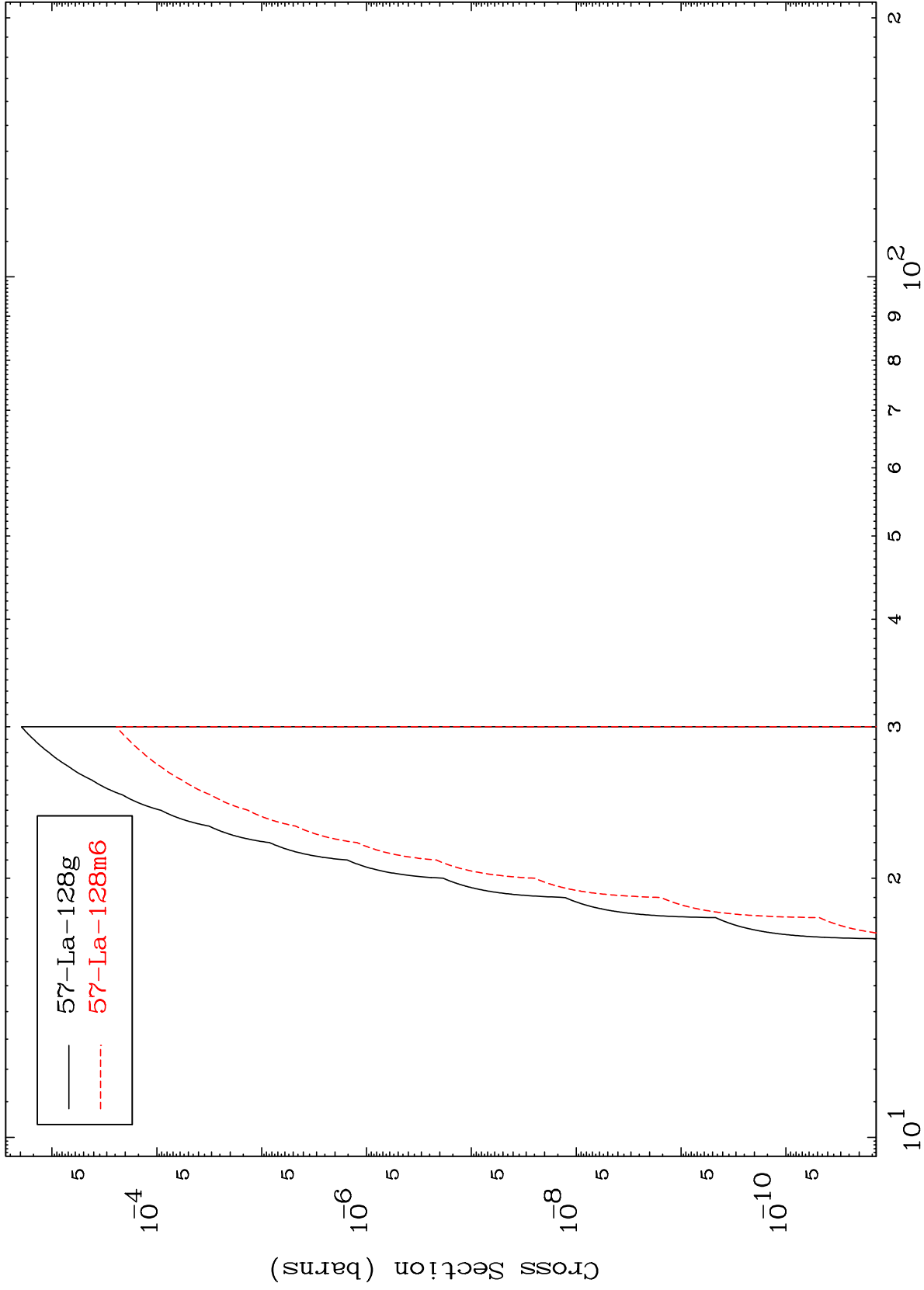
59-Pr-131

MAT 5895

(n,p) t

59-Pr-131

Radionuclide Production Cross Section



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

Incident Energy (MeV)

59-Pr-131

132