

Program EVALPLOT
(Version 2021-1)

by

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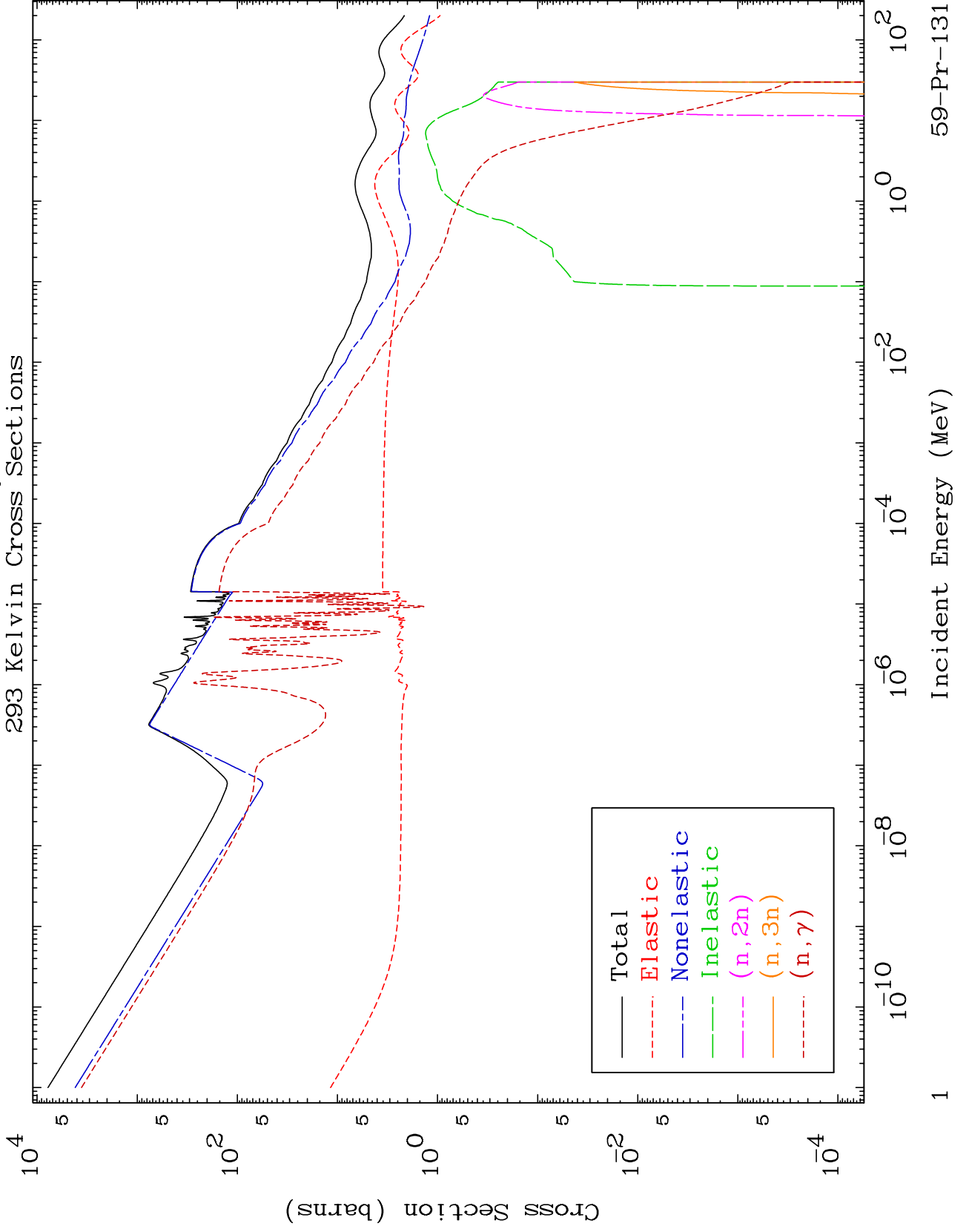
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Press Mouse Button to Start

MAT 5895

Neutron Major
293 Kelvin Cross Sections

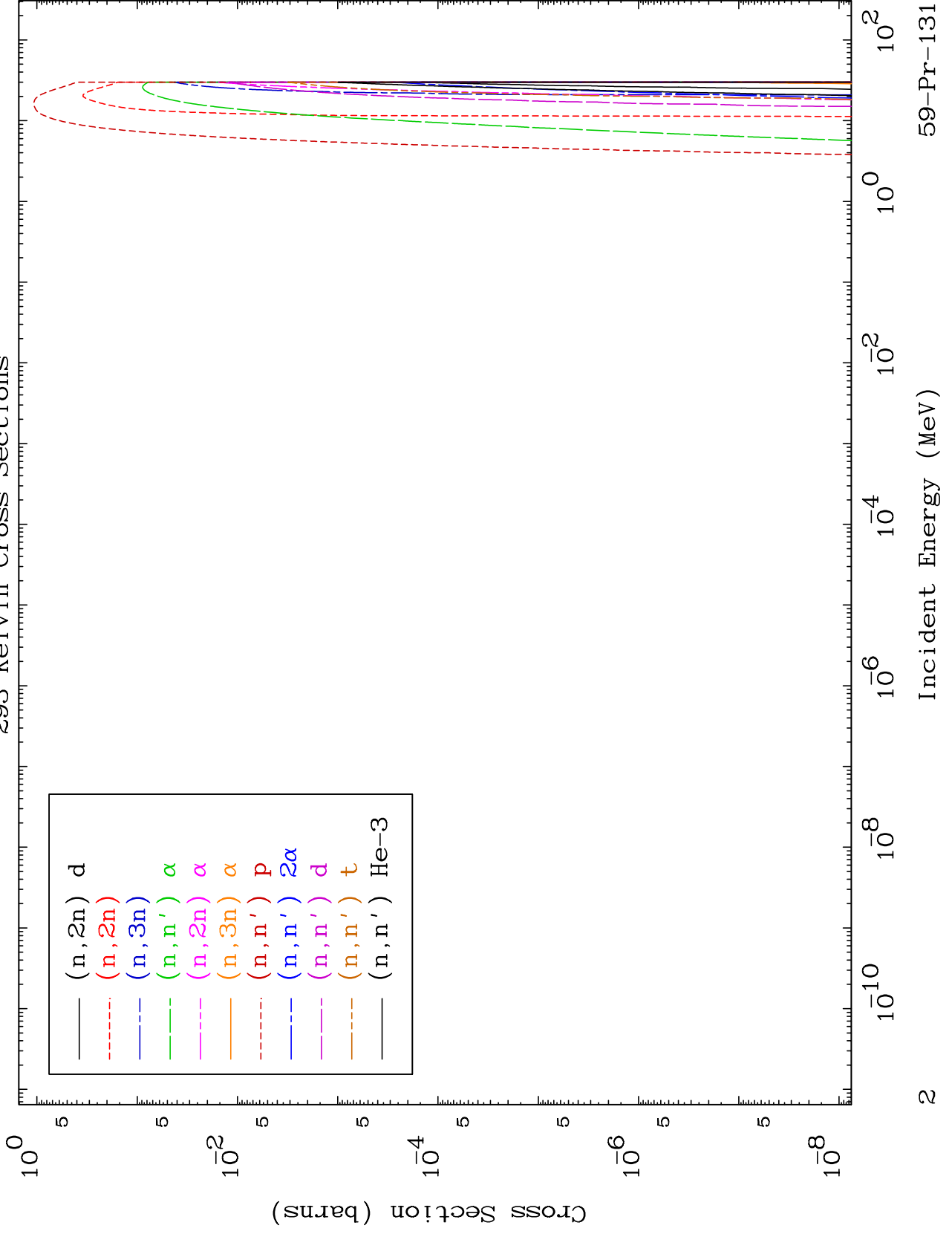
59-Pr-131

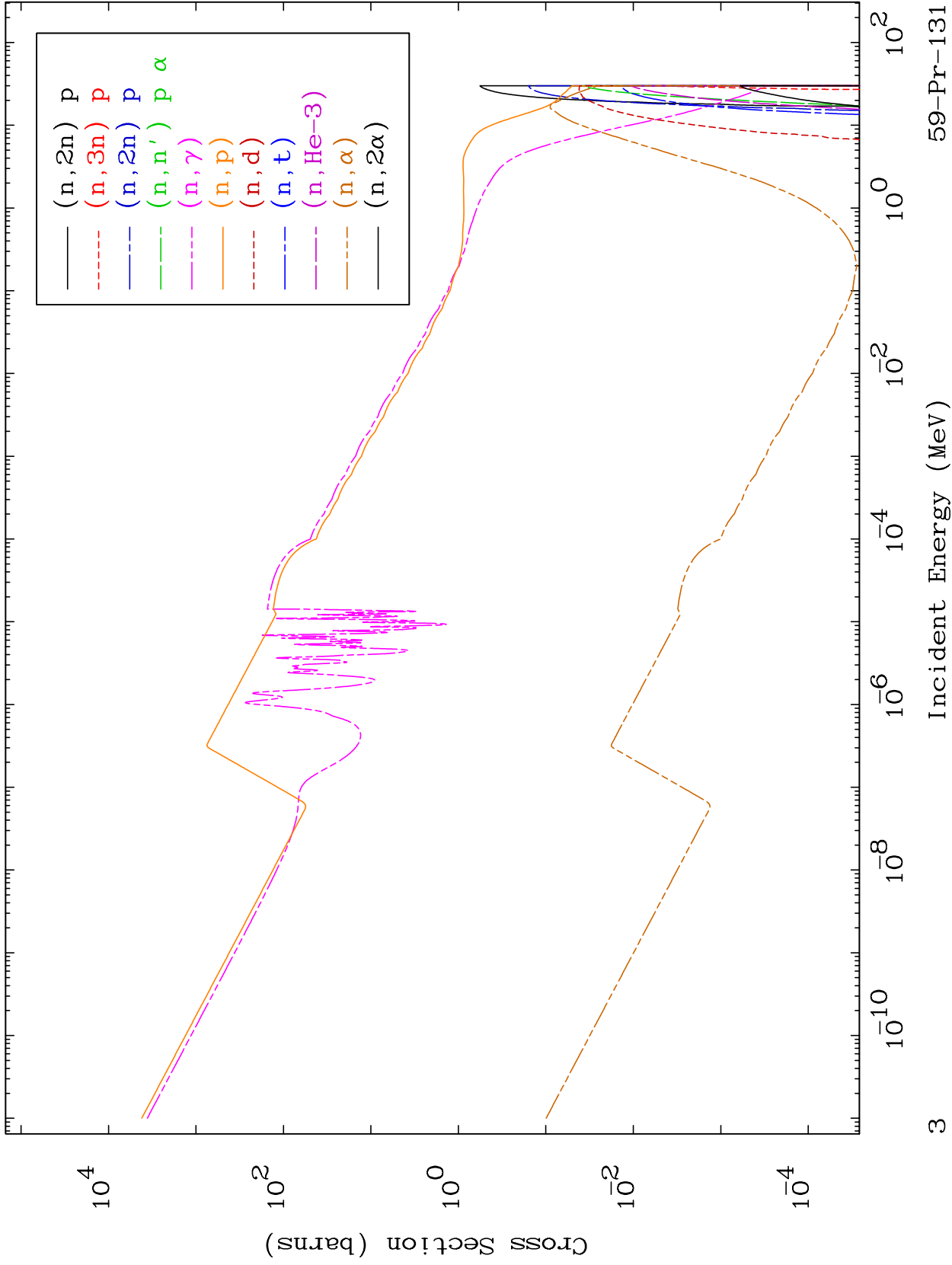


MAT 5895

Neutron Absorption
293 Kelvin Cross Sections

59-Pr-131

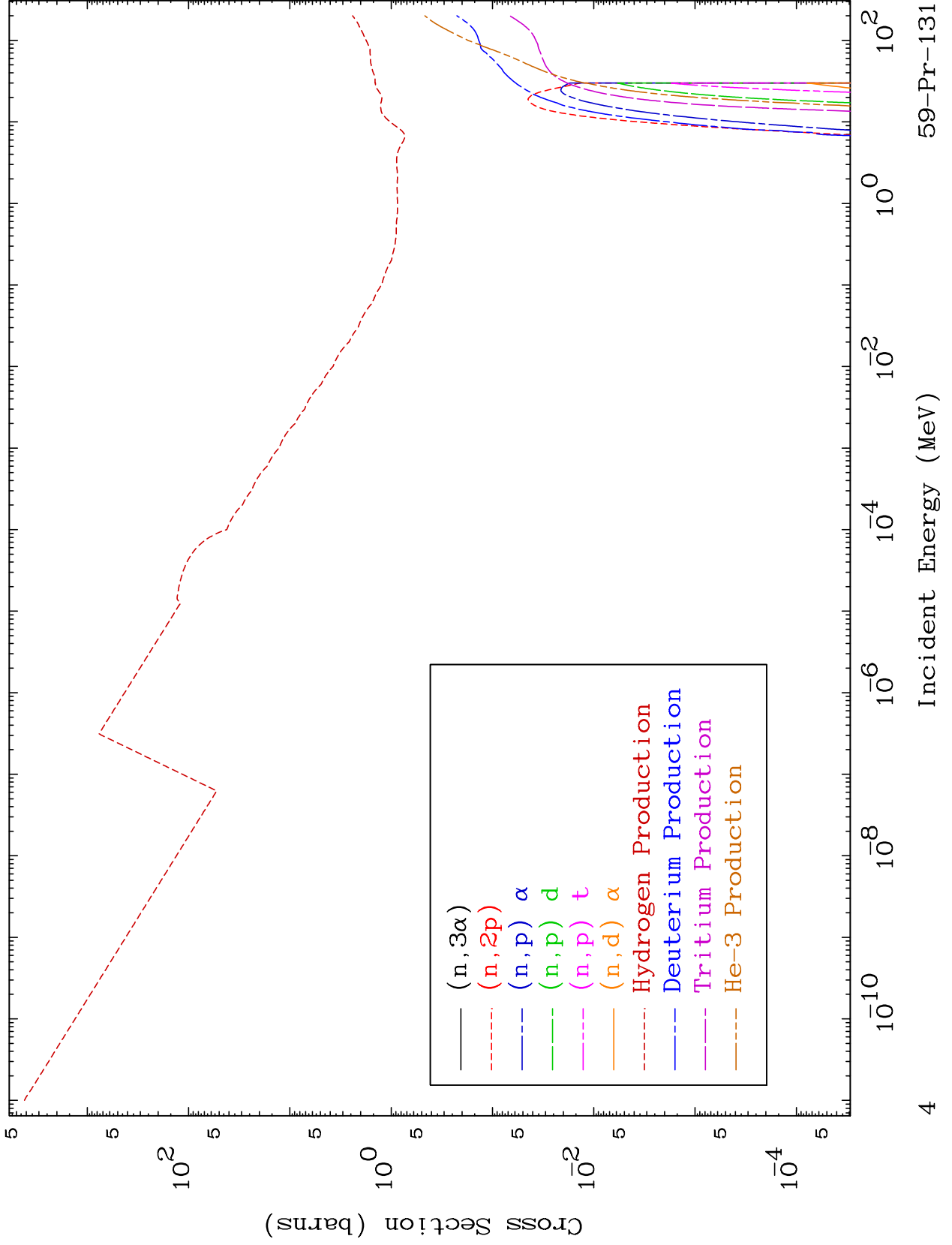




MAT 5895

Neutron Absorption
293 Kelvin Cross Sections

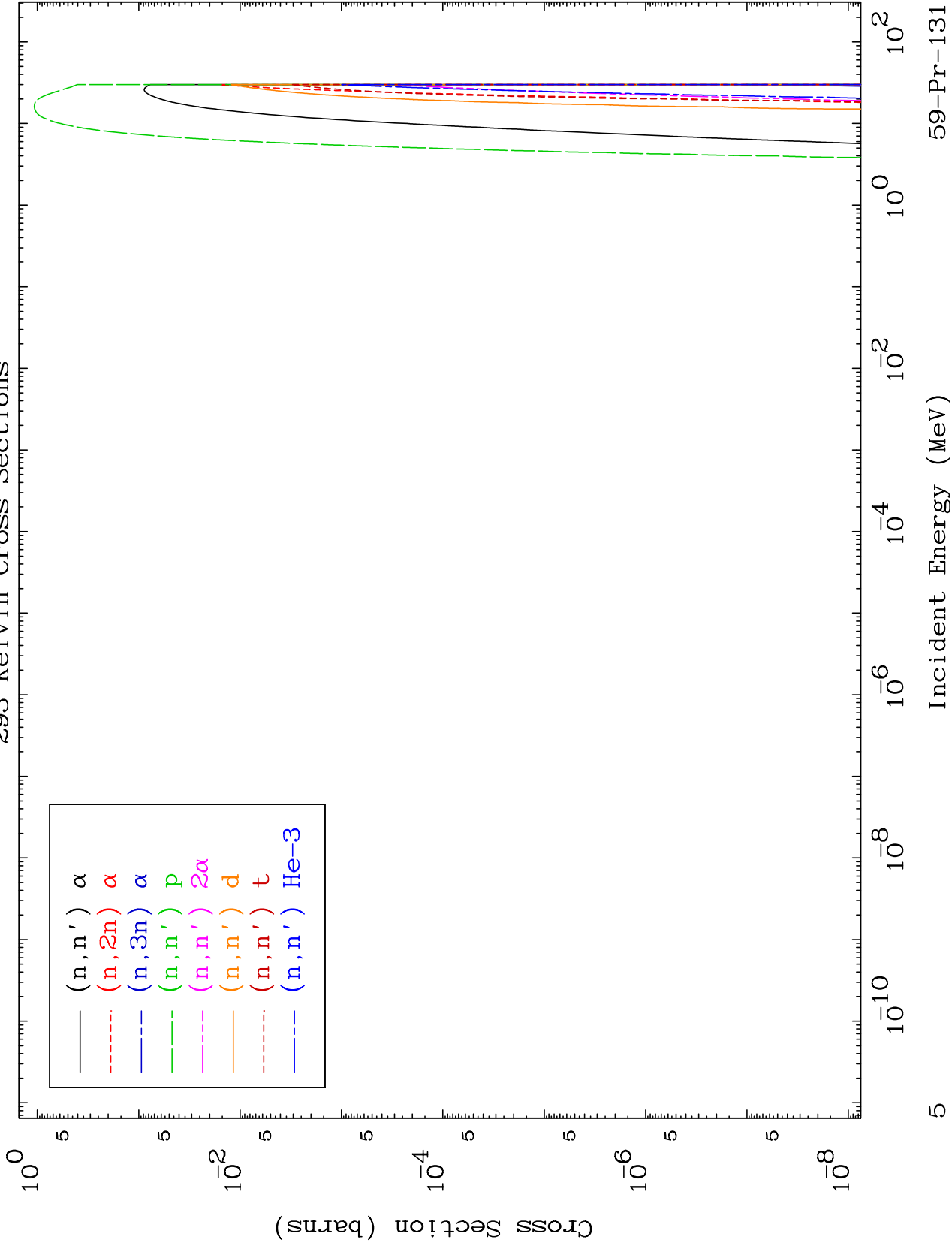
59-Pr-131



MAT 5895

Charged Particle
293 Kelvin Cross Sections

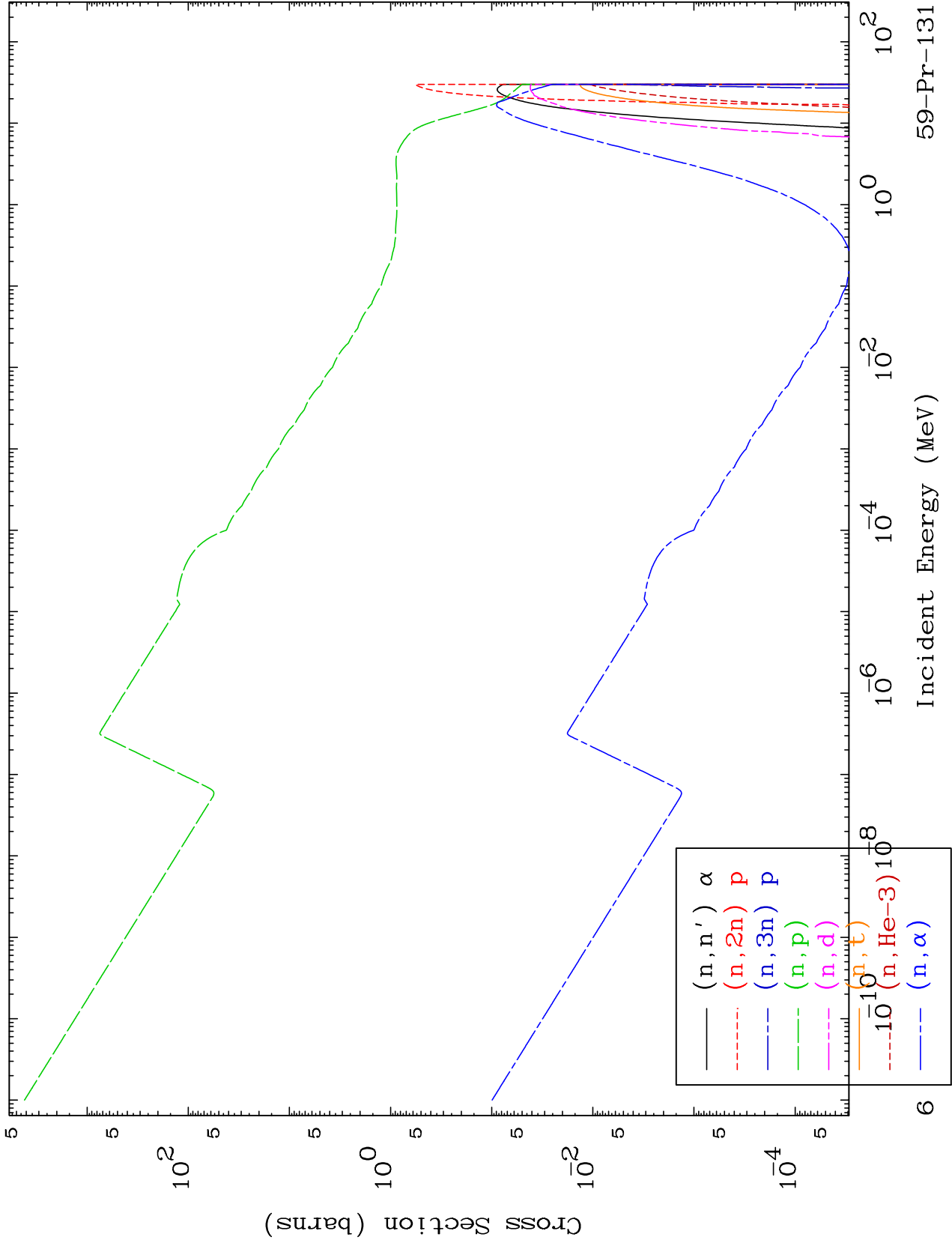
59-Pr-131



MAT 5895

Charged Particle
293 Kelvin Cross Sections

59-Pr-131

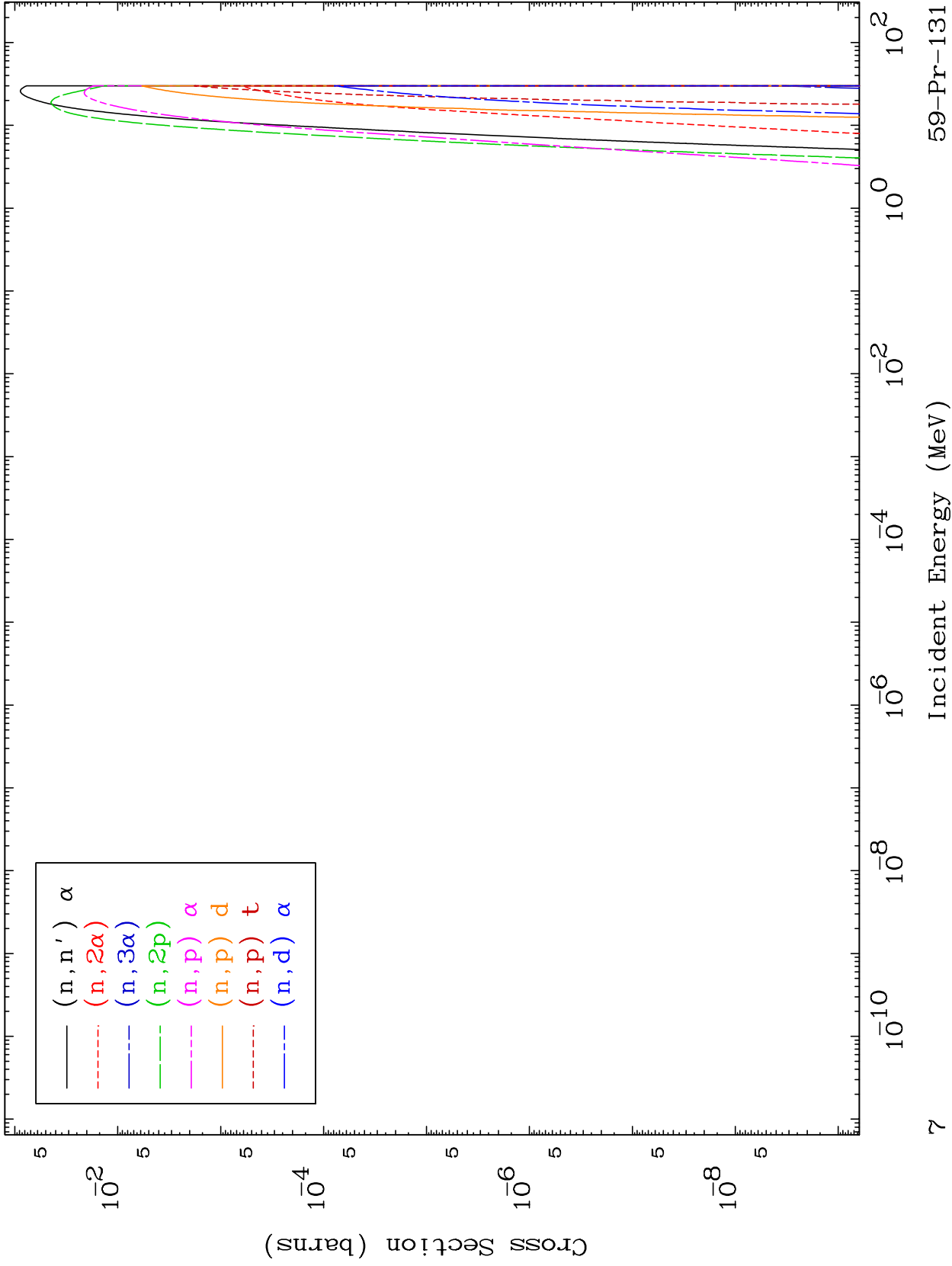


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MAT 5895

Charged Particle
293 Kelvin Cross Sections

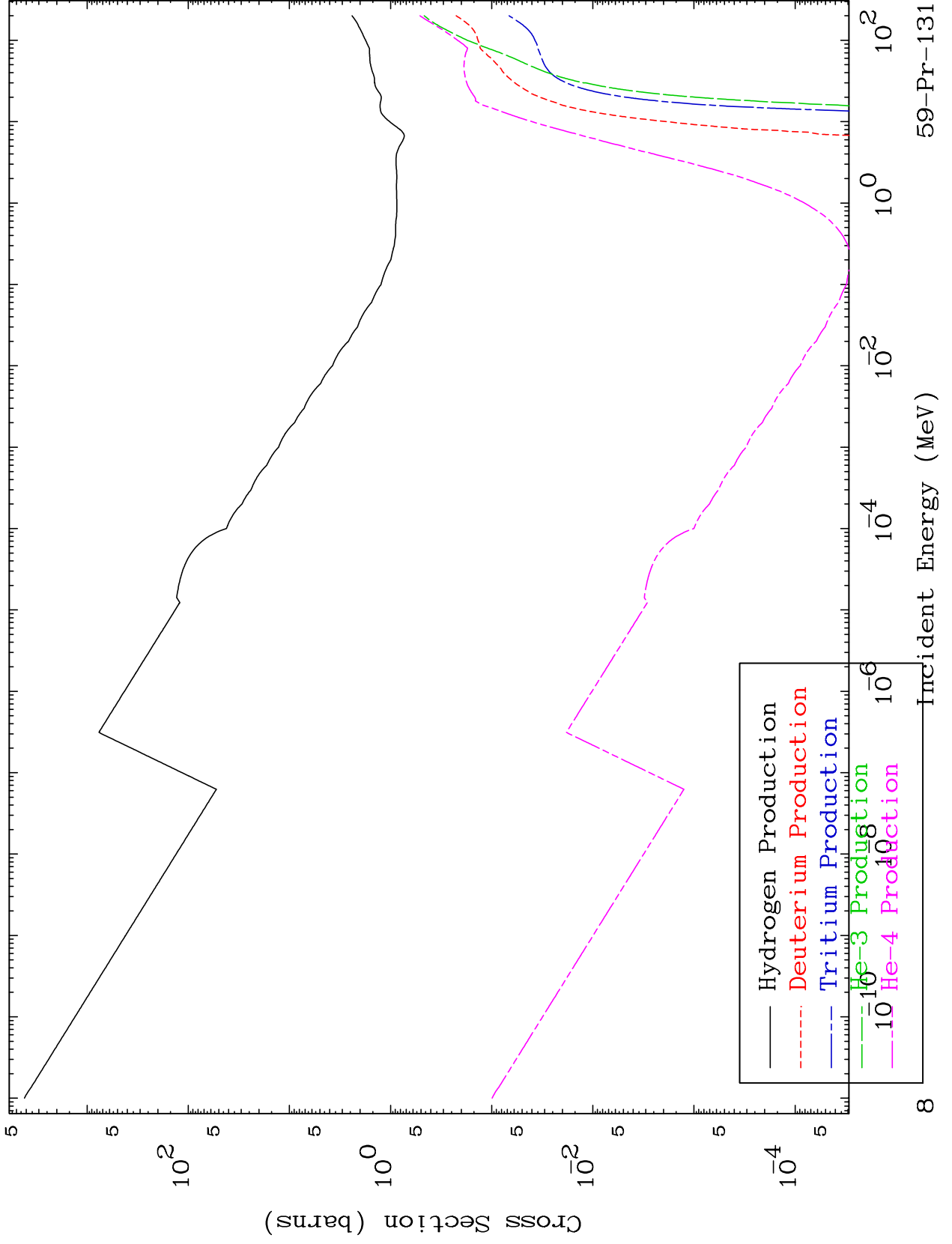
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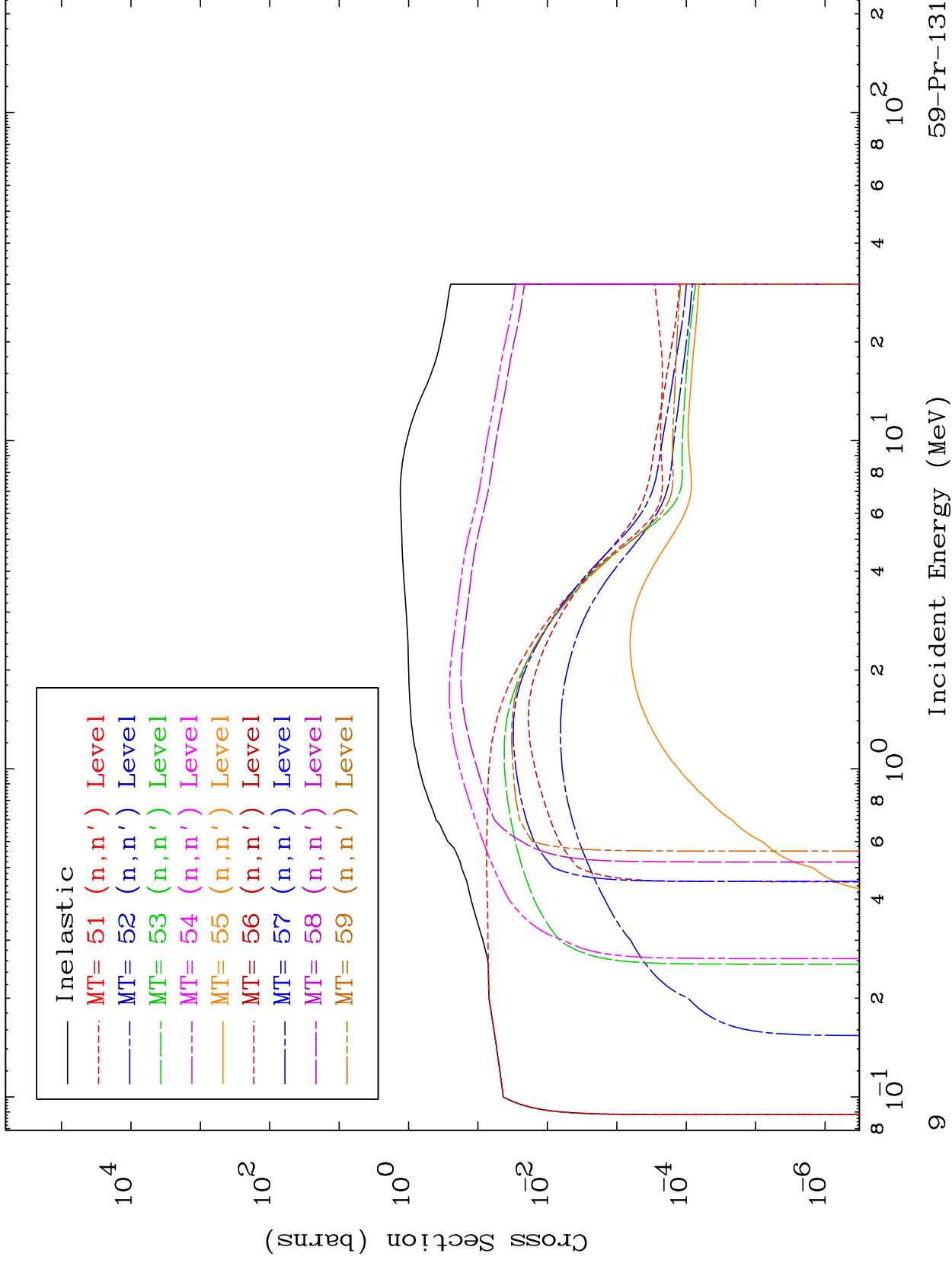


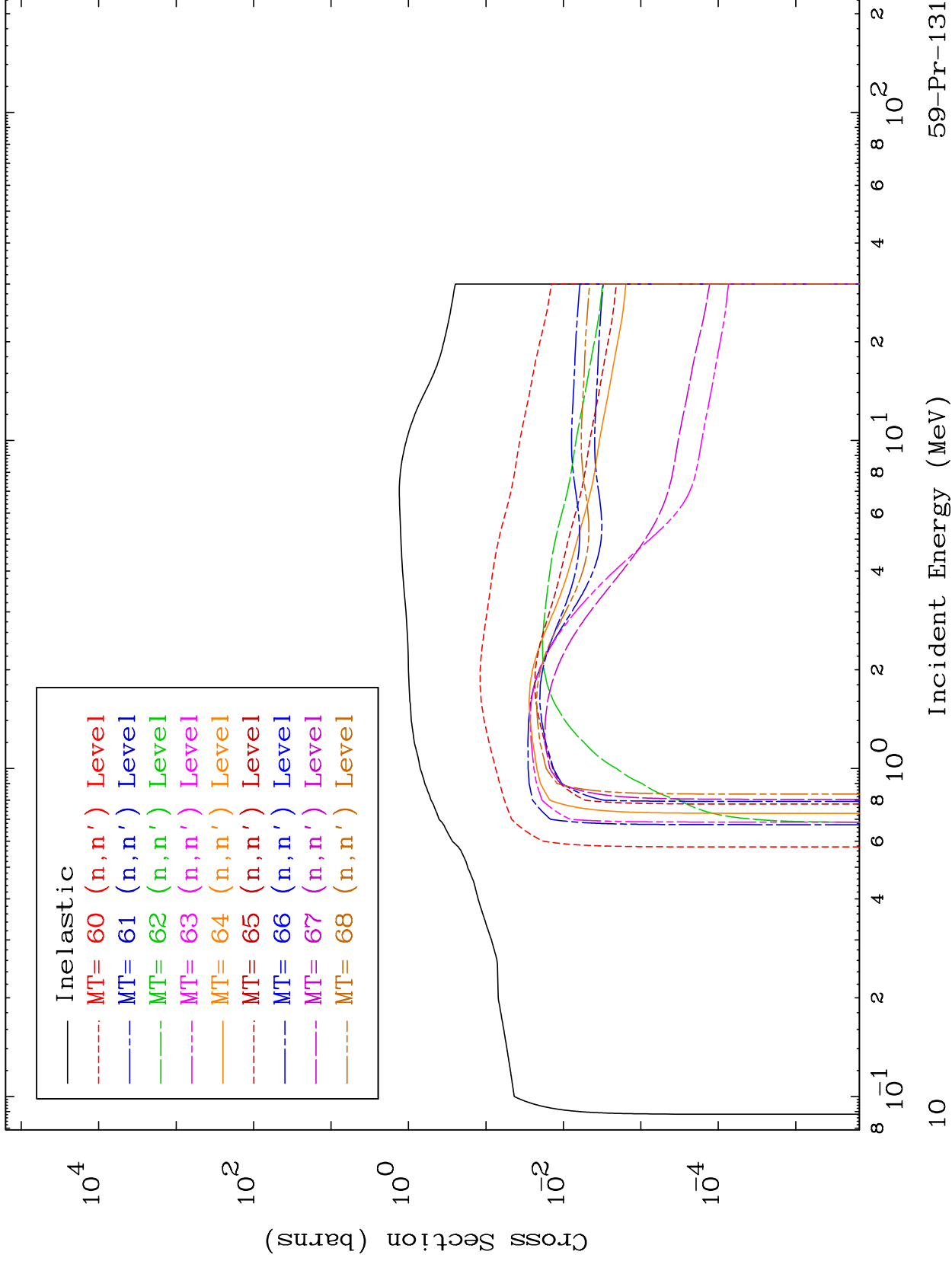
MAT 5895

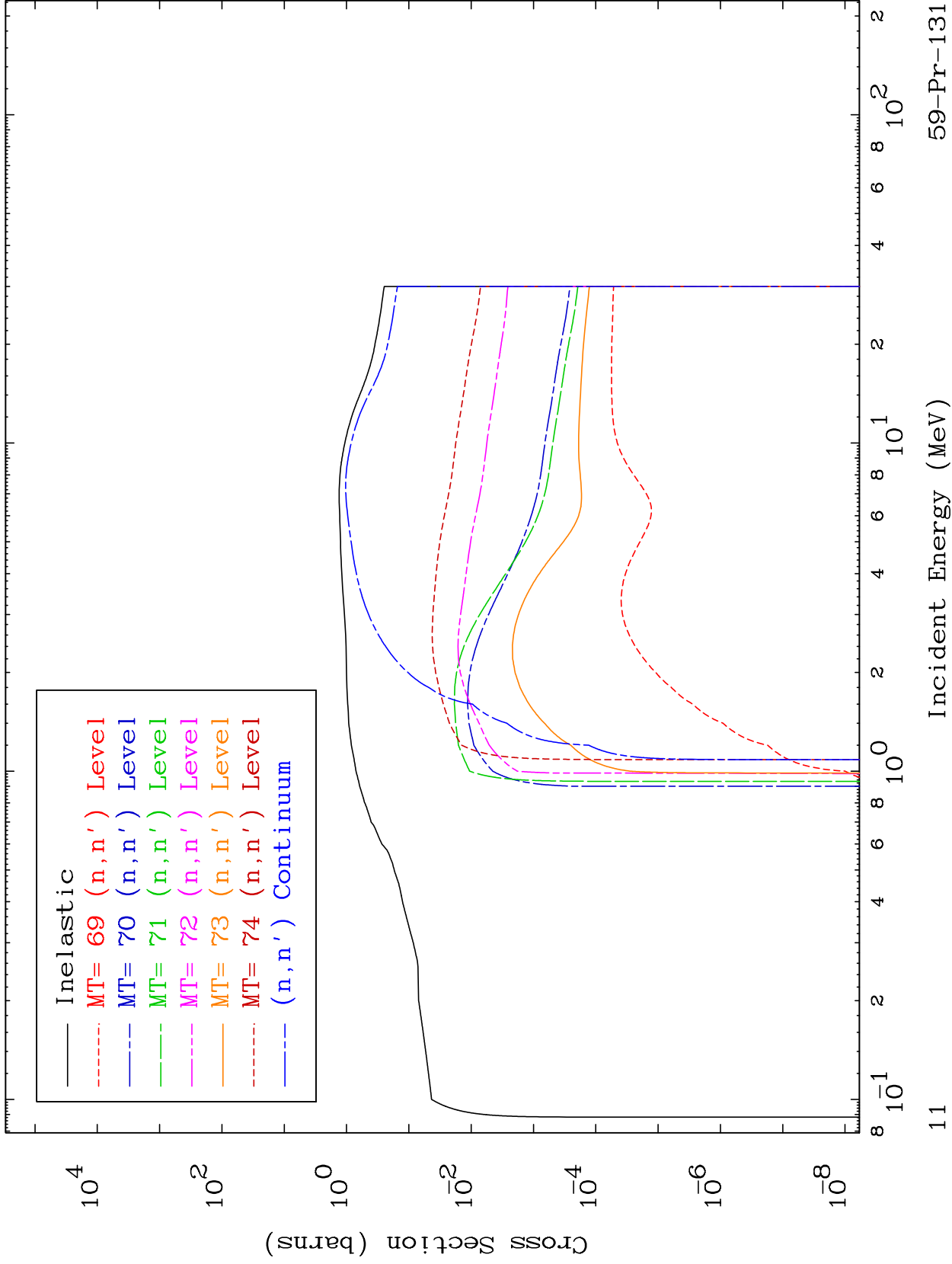
Particle Production
293 Kelvin Cross Sections

59-Pr-131





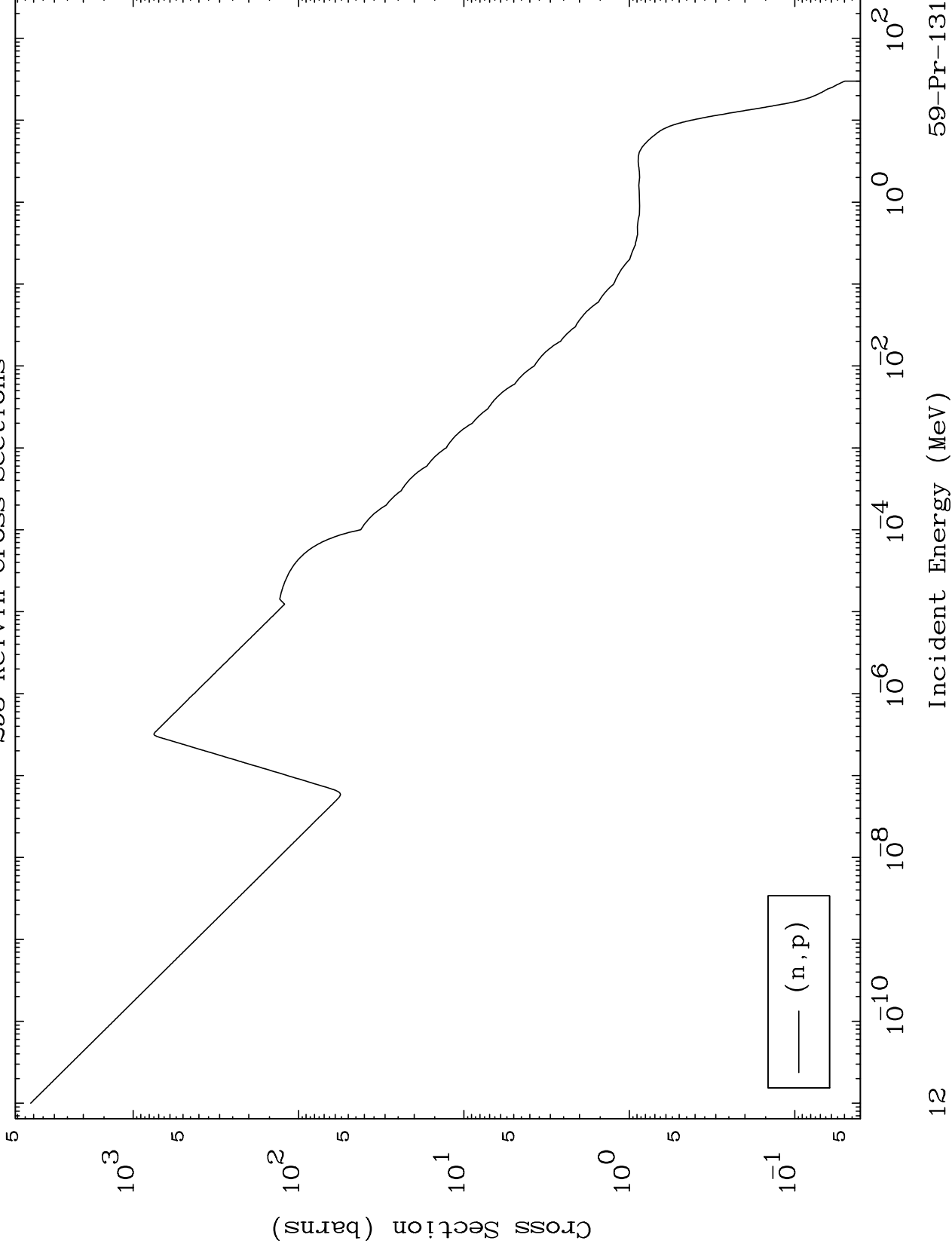




MAT 5895

(n,p) Levels
293 Kelvin Cross Sections

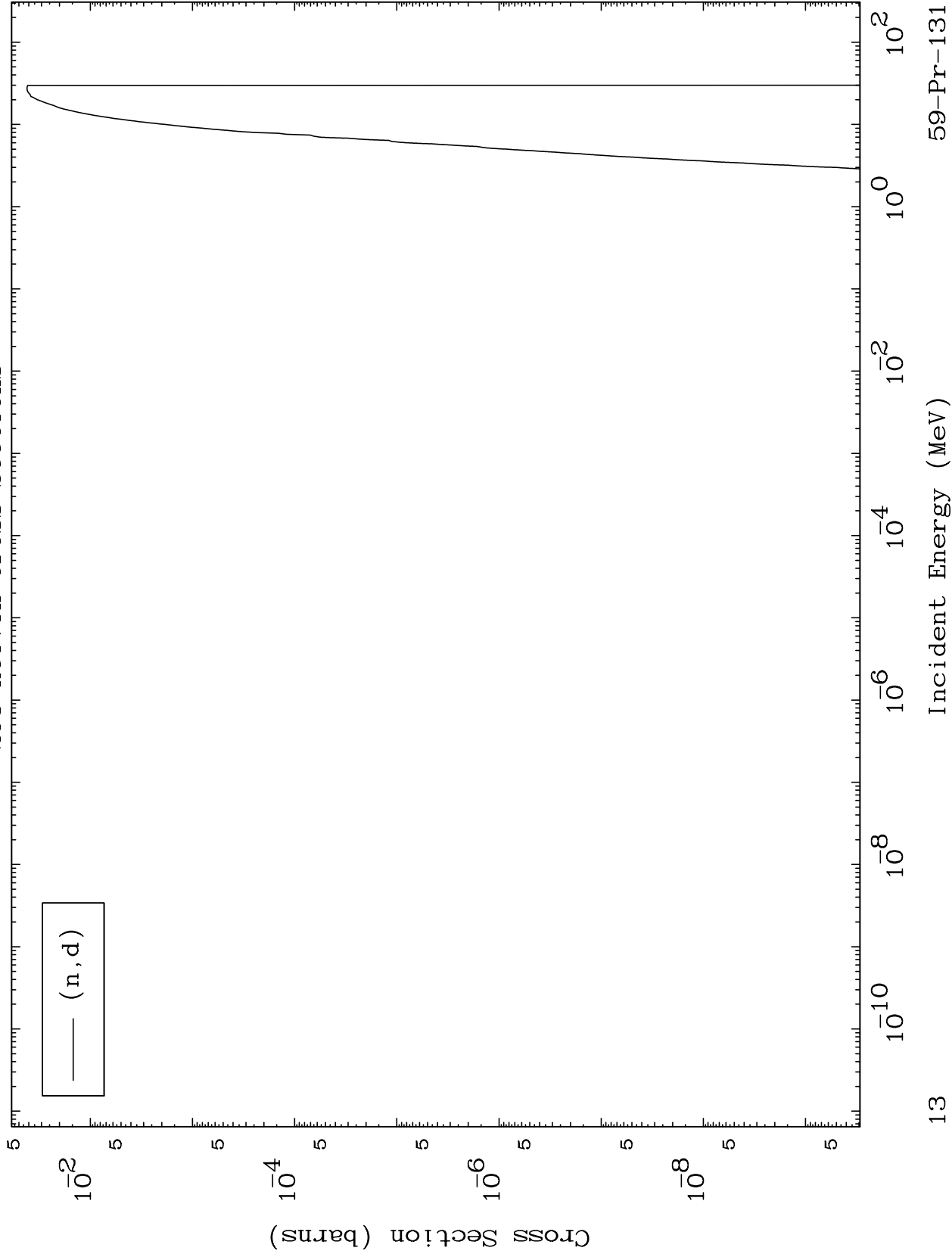
59-Pr-131



MAT 5895

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-131



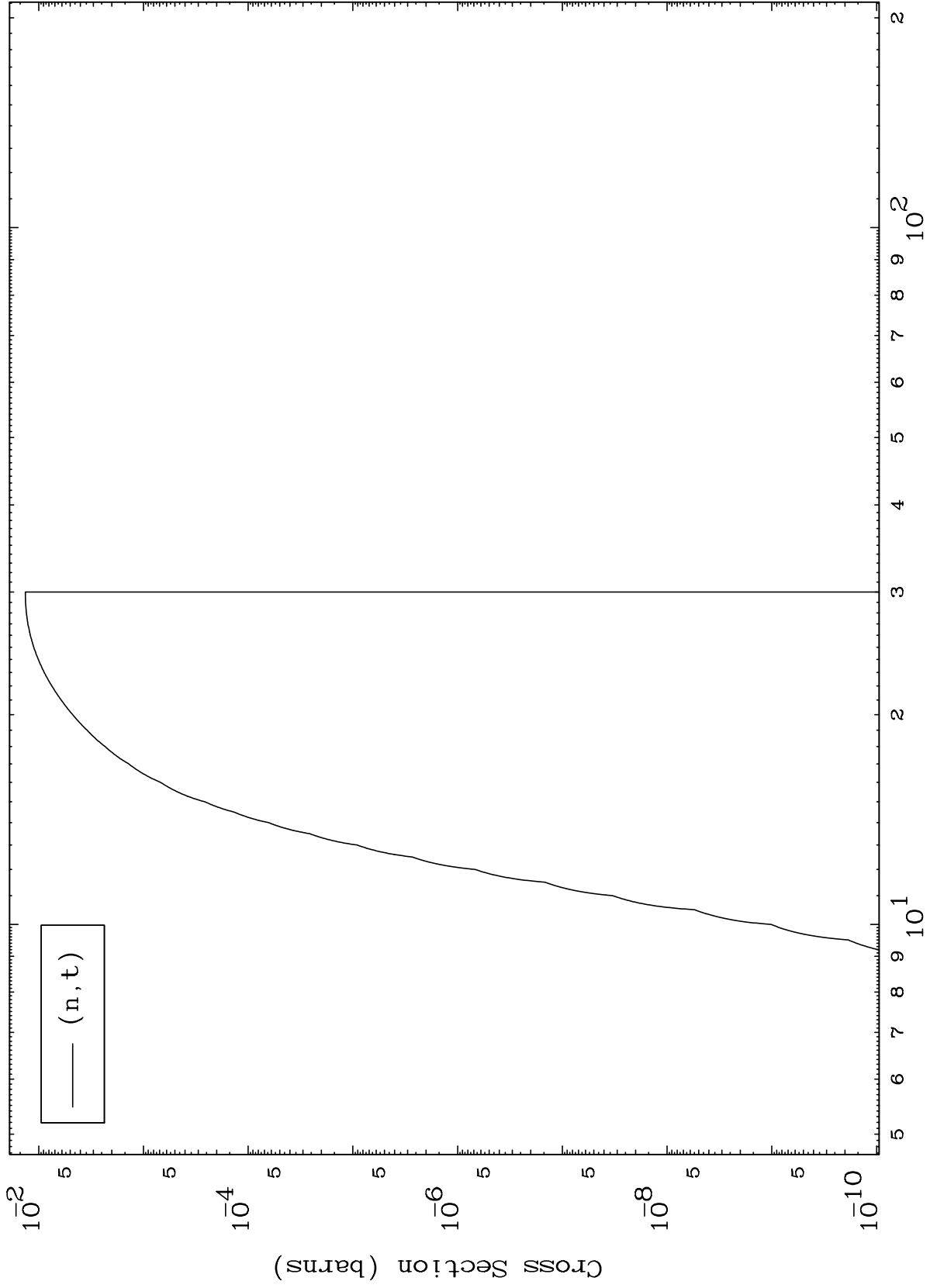
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59-Pr-131

MAT 5895

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-131



14

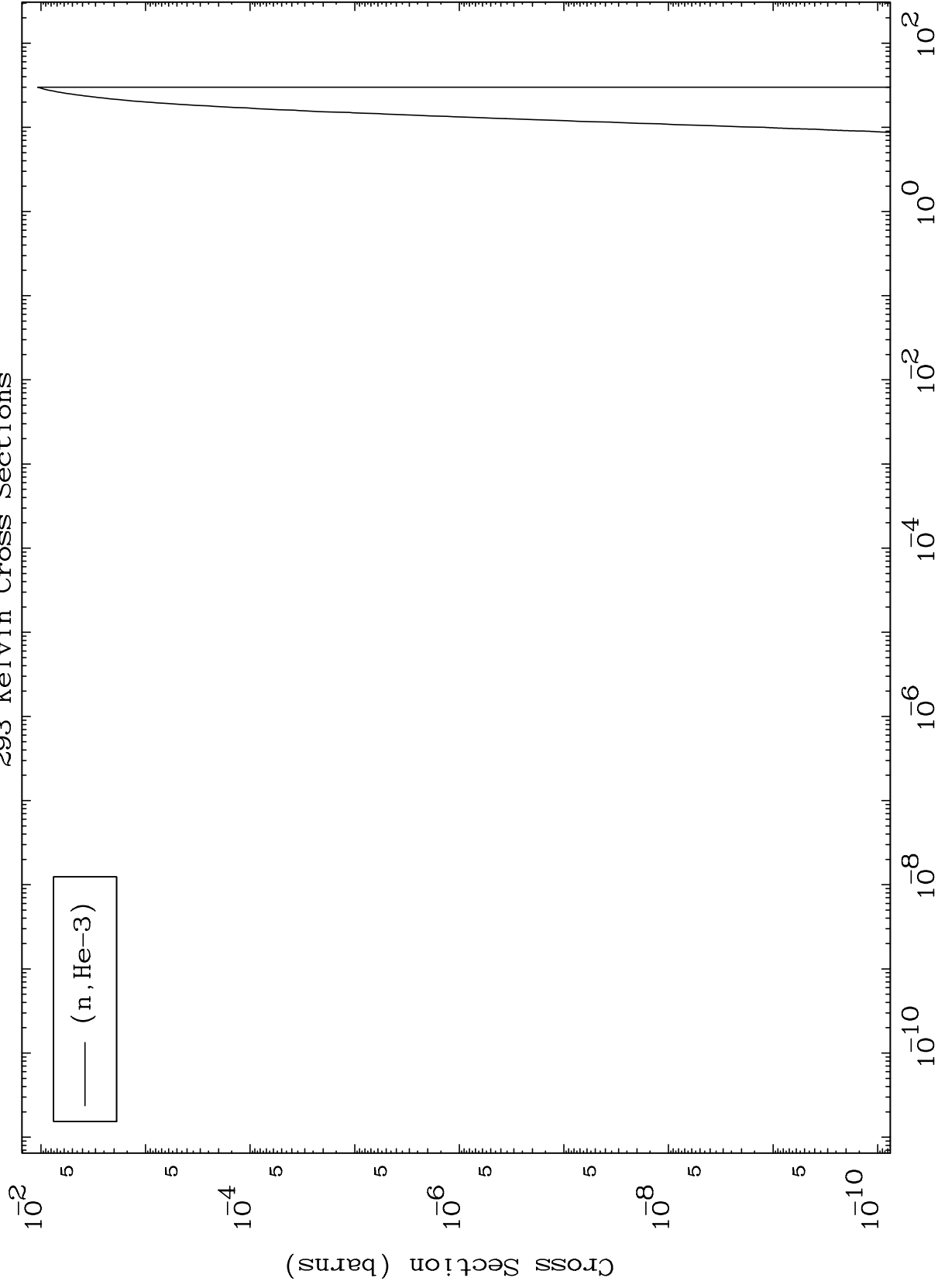
Incident Energy (MeV)

59-Pr-131

MAT 5895

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-131



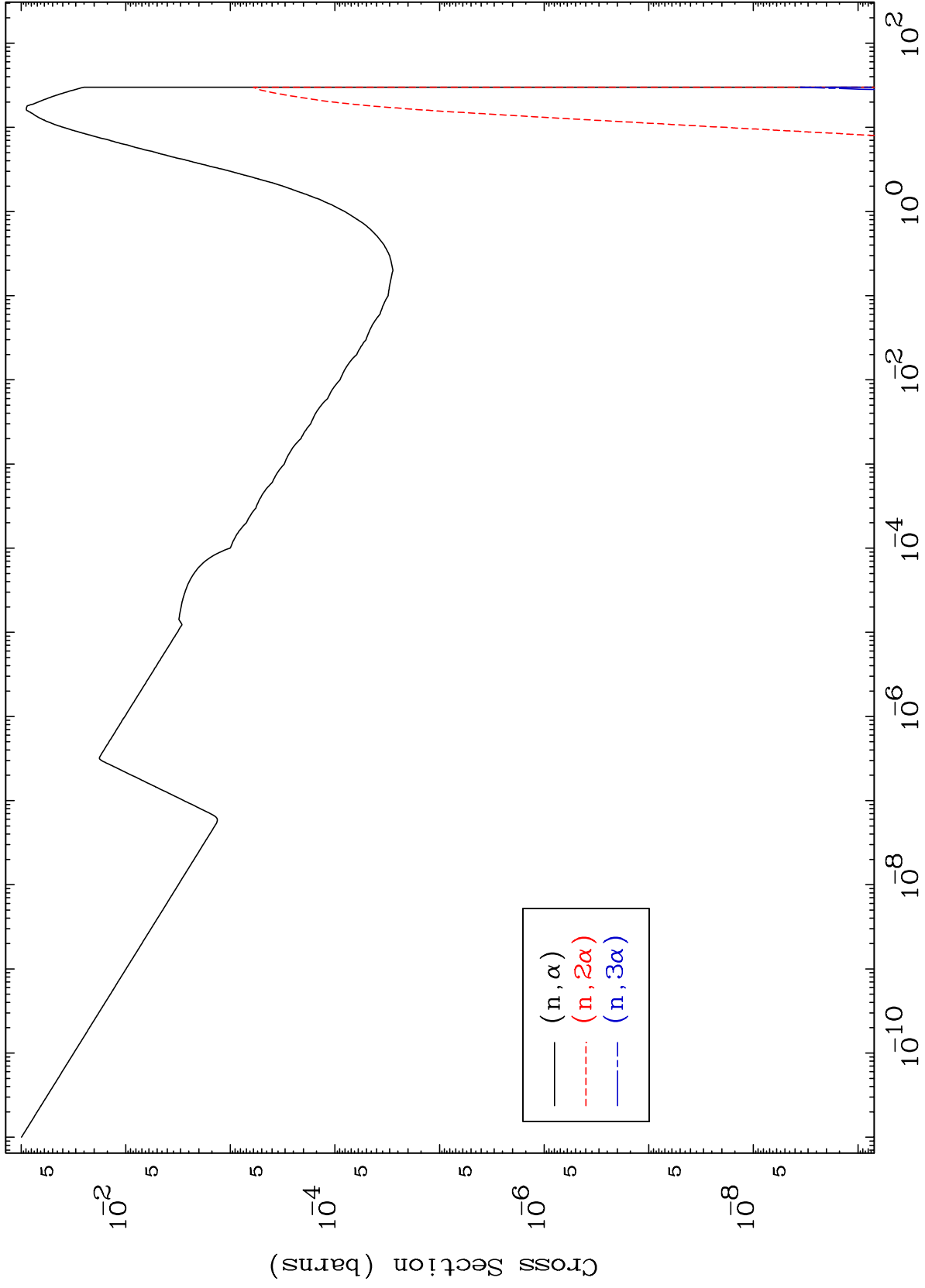
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59-Pr-131

MAT 5895

(n,α) Levels
293 Kelvin Cross Sections

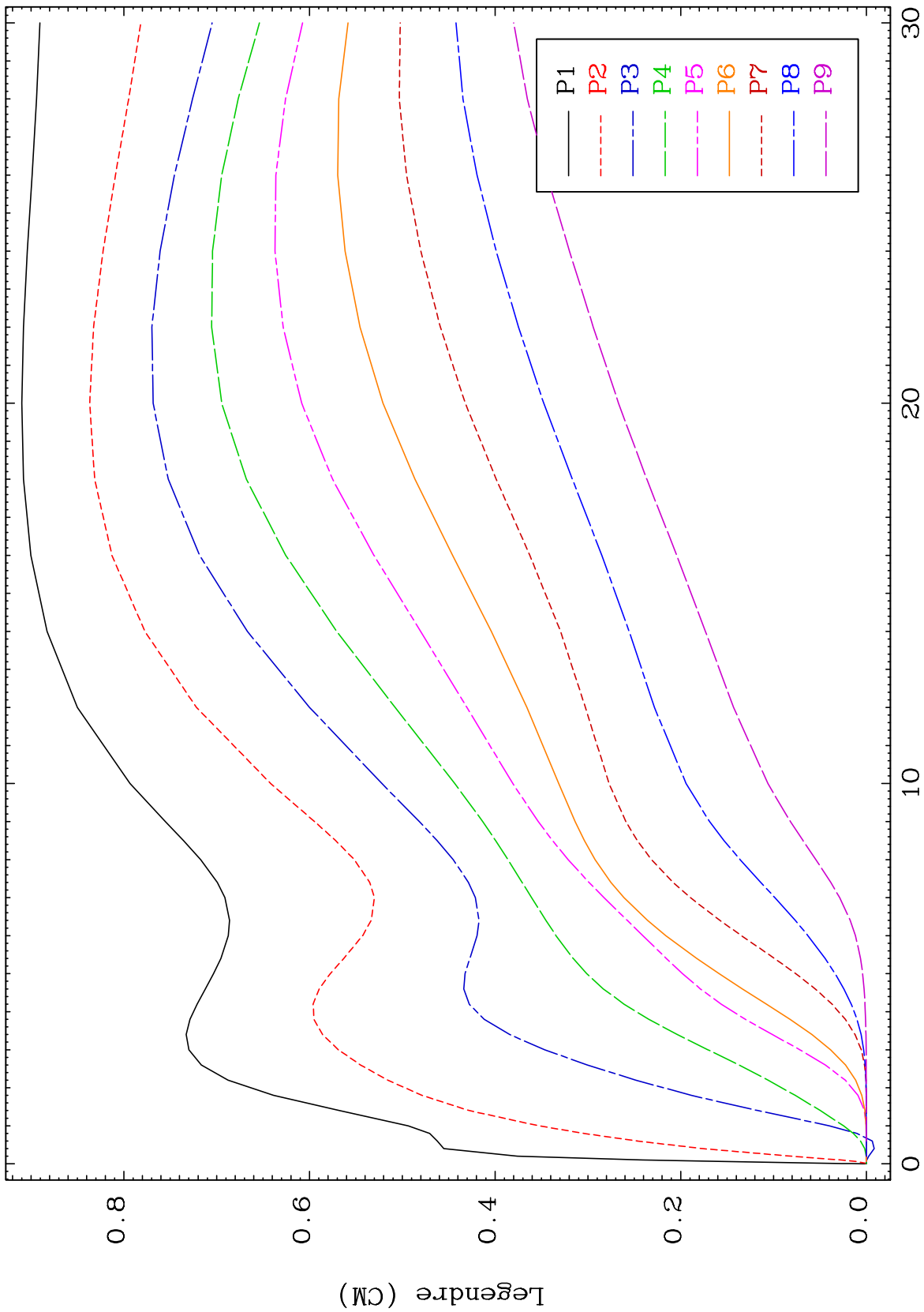
59-Pr-131



MAT 5895

Elastic Legendre Coefficients

59-Pr-131



17

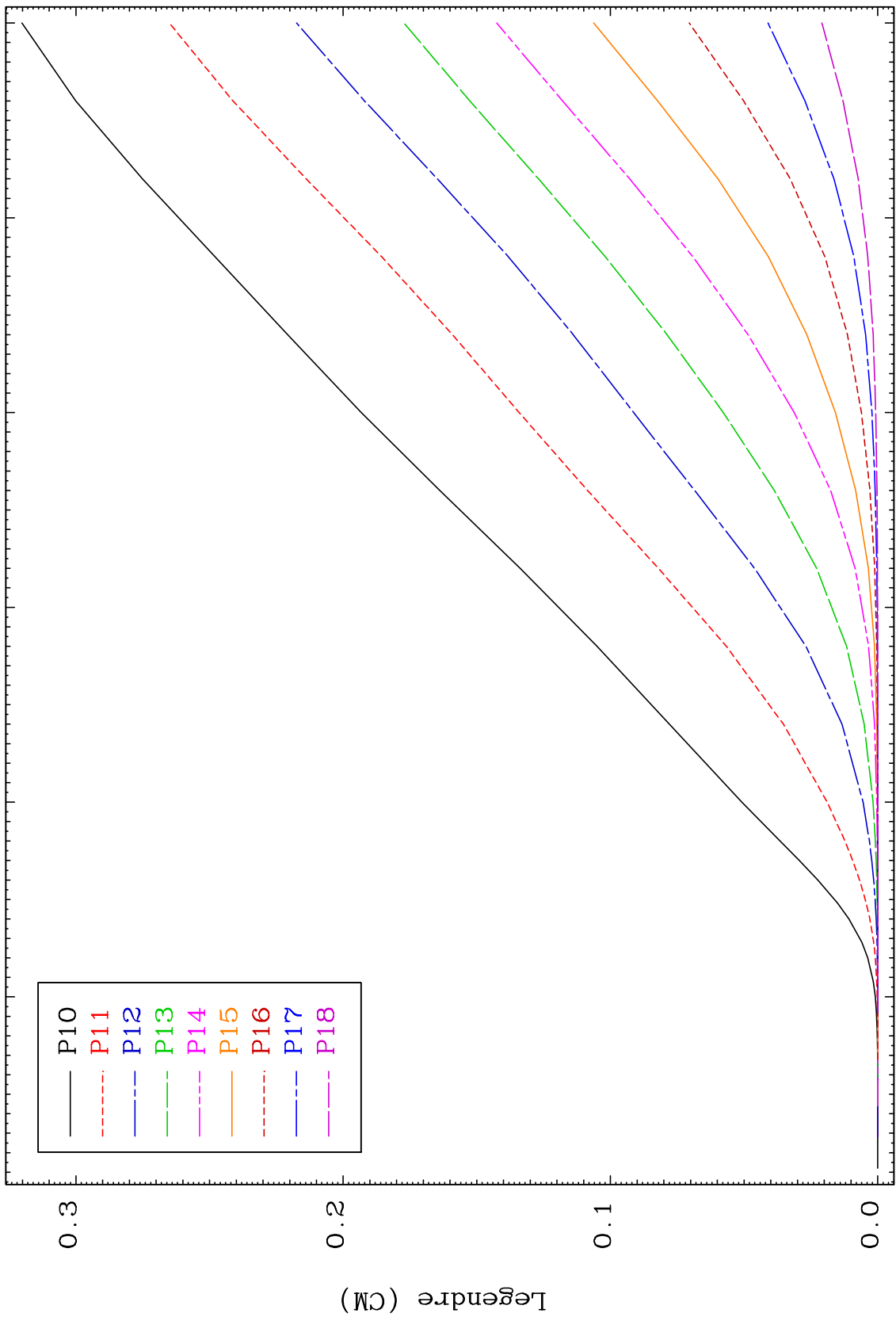
Incident Energy (MeV)

59-Pr-131

MAT 5895

Elastic Legendre Coefficients

59-Pr-131



18

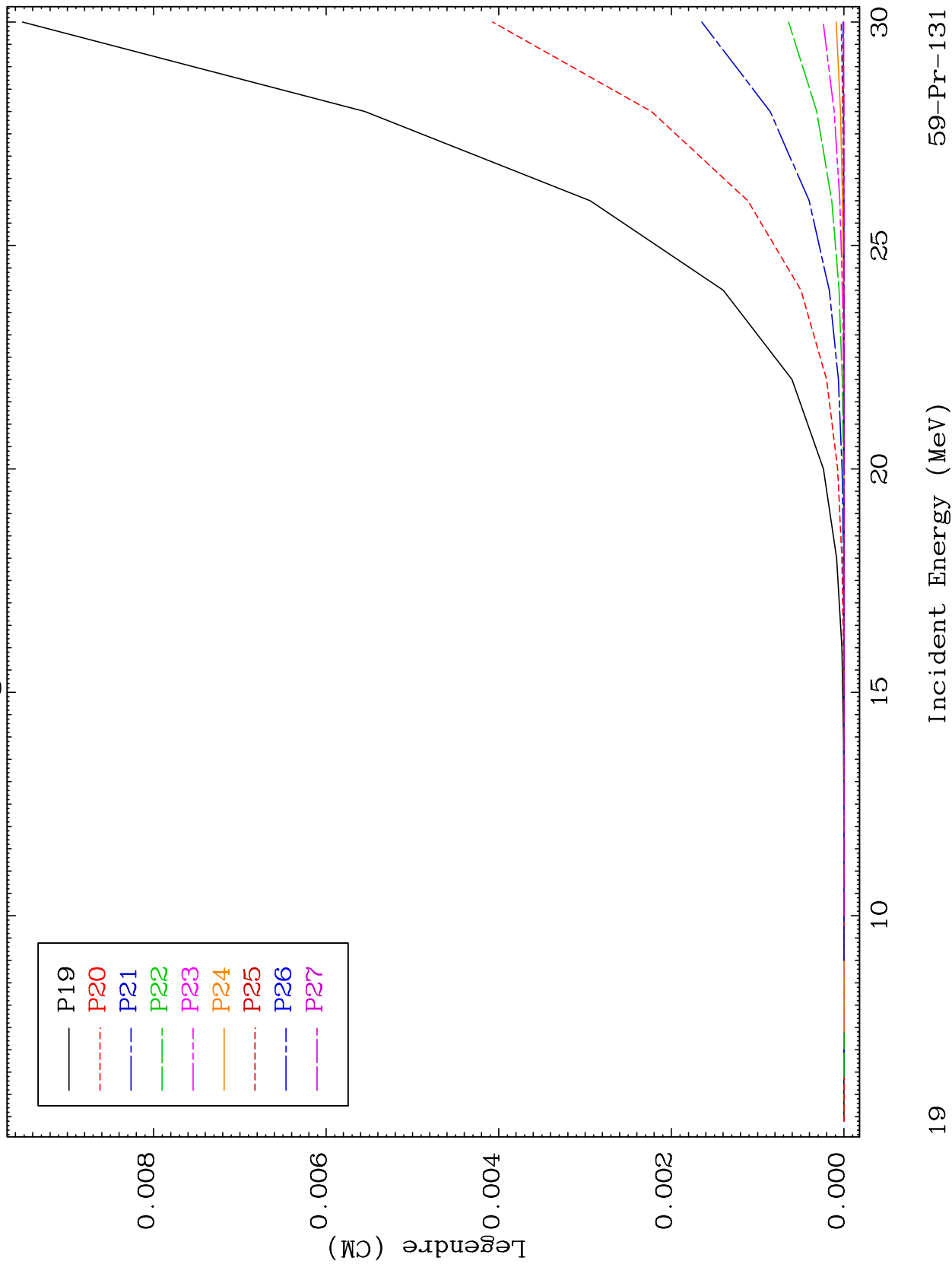
Incident Energy (MeV)

59-Pr-131

MAT 5895

Elastic Legendre Coefficients

59-Pr-131



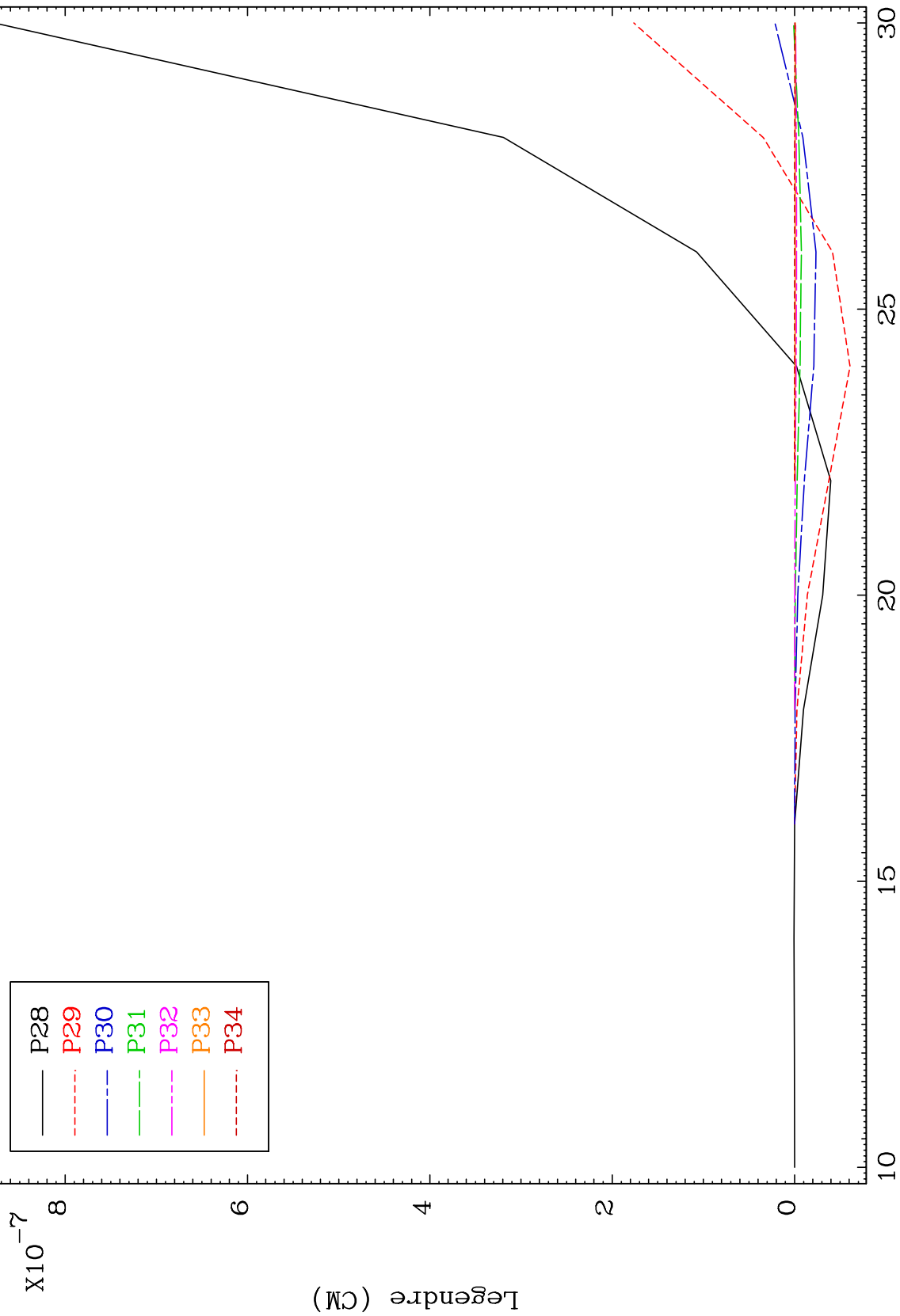
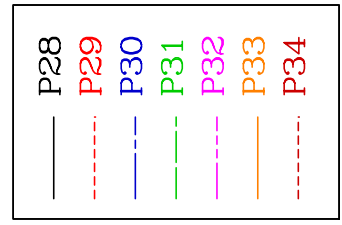
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59-Pr-131

MAT 5895

Elastic Legendre Coefficients

59-Pr-131



59-Pr-131

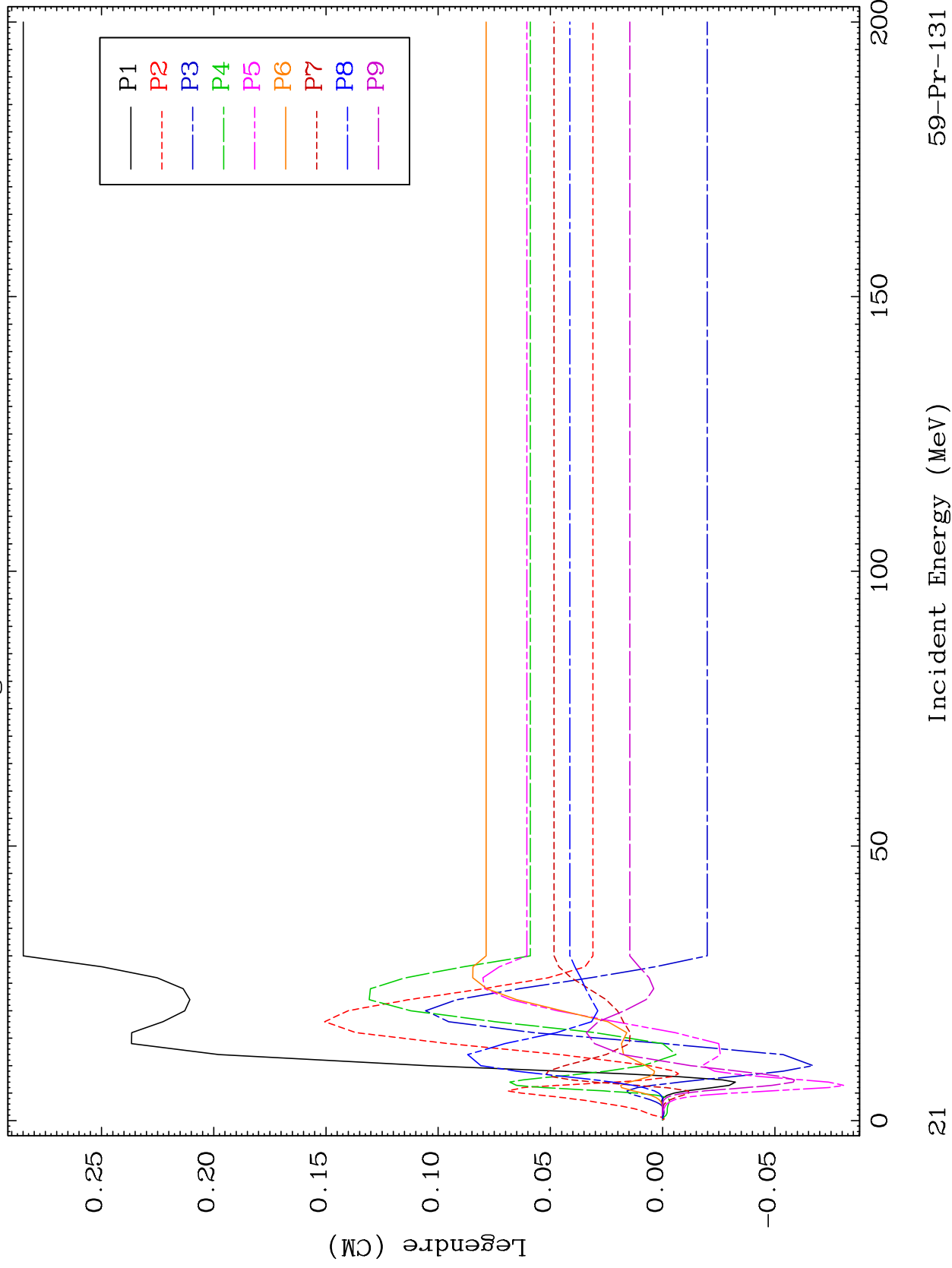
Incident Energy (MeV)

20

MAT 5895

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

59-Pr-131



59-Pr-131

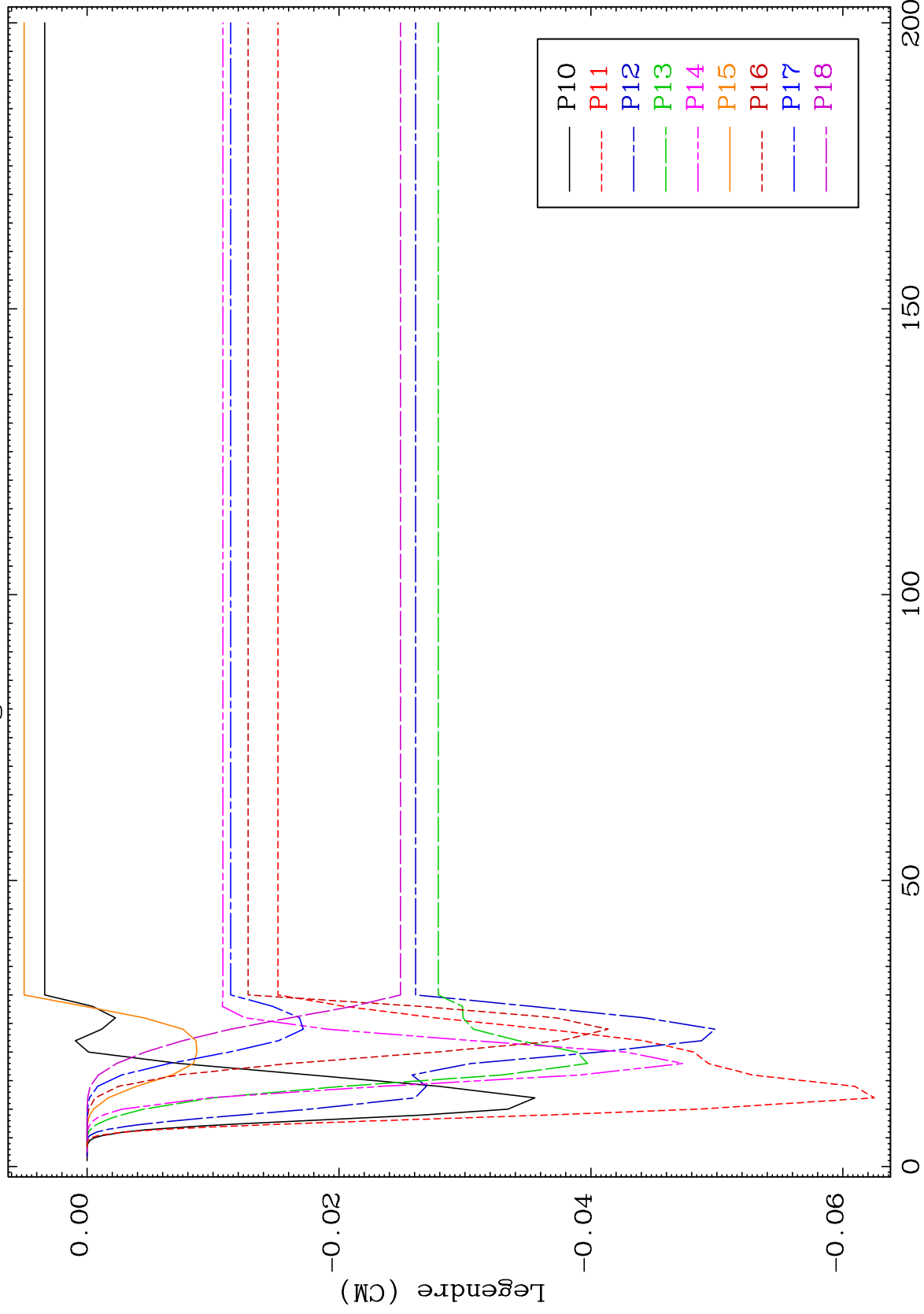
Incident Energy (MeV)

21

MAT 5895

59-Pr-131

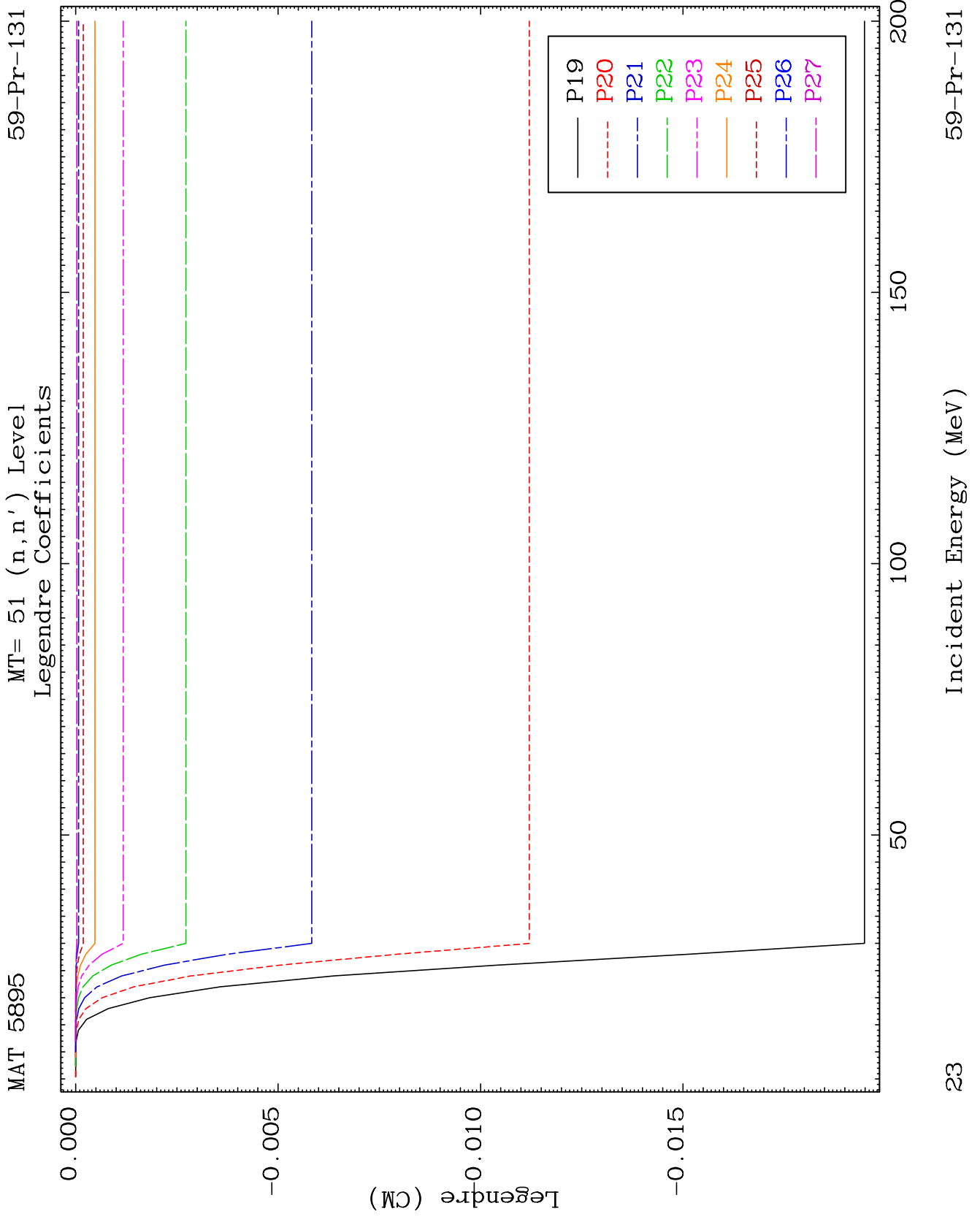
MT= 51 (n,n') Level
Legendre Coefficients

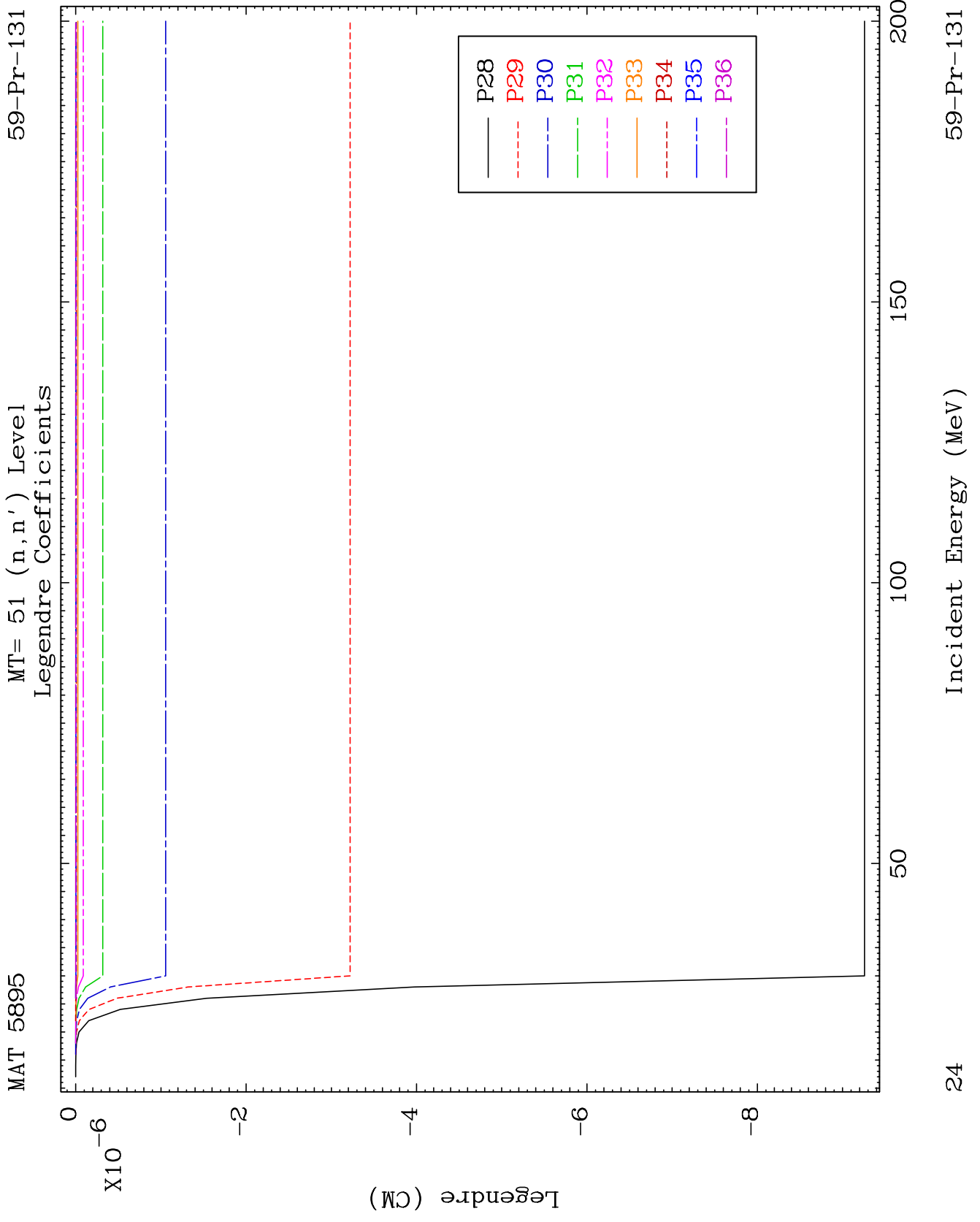


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Incident Energy (MeV)

59-Pr-131

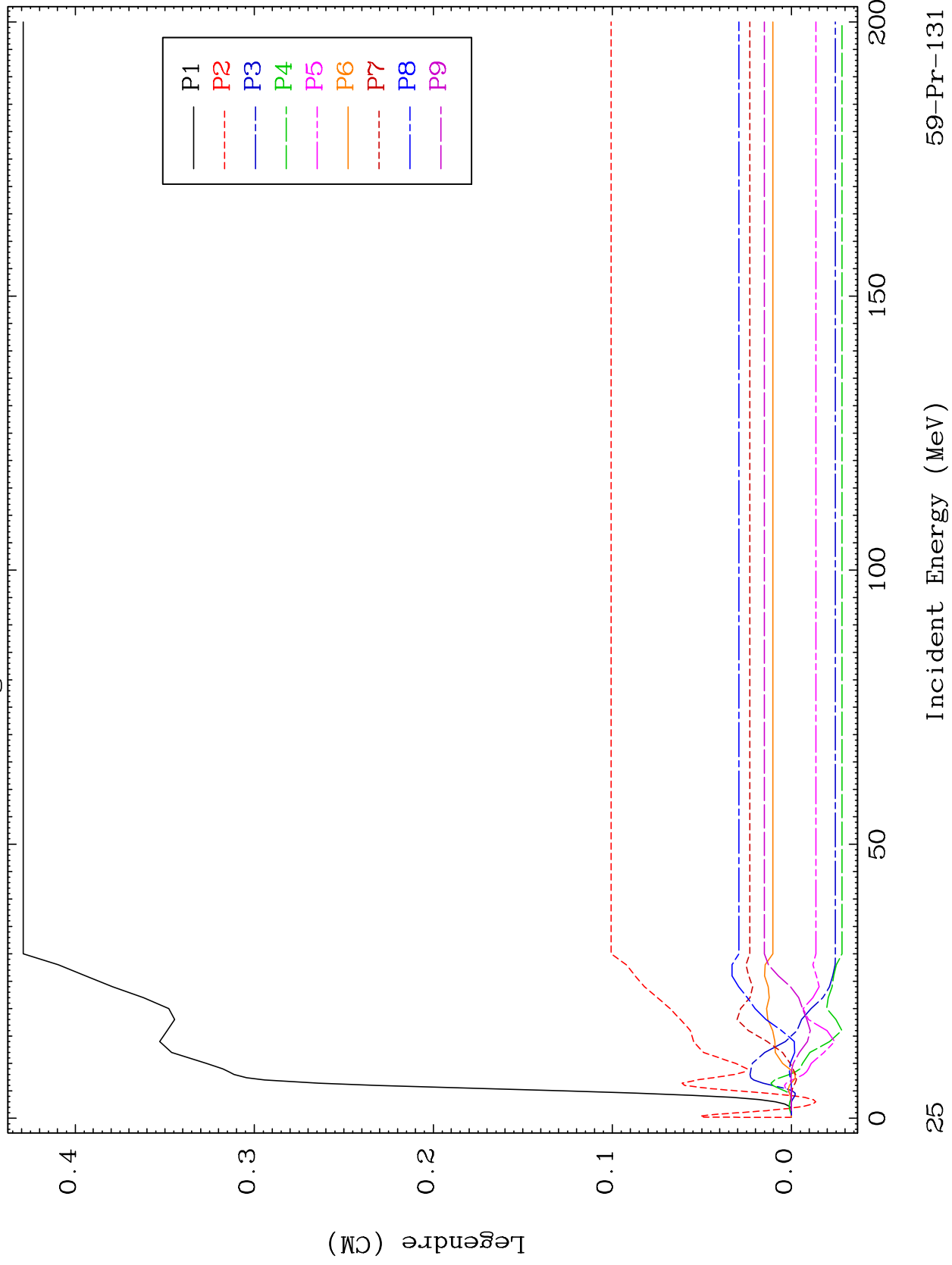




MAT 5895

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

59-Pr-131



59-Pr-131

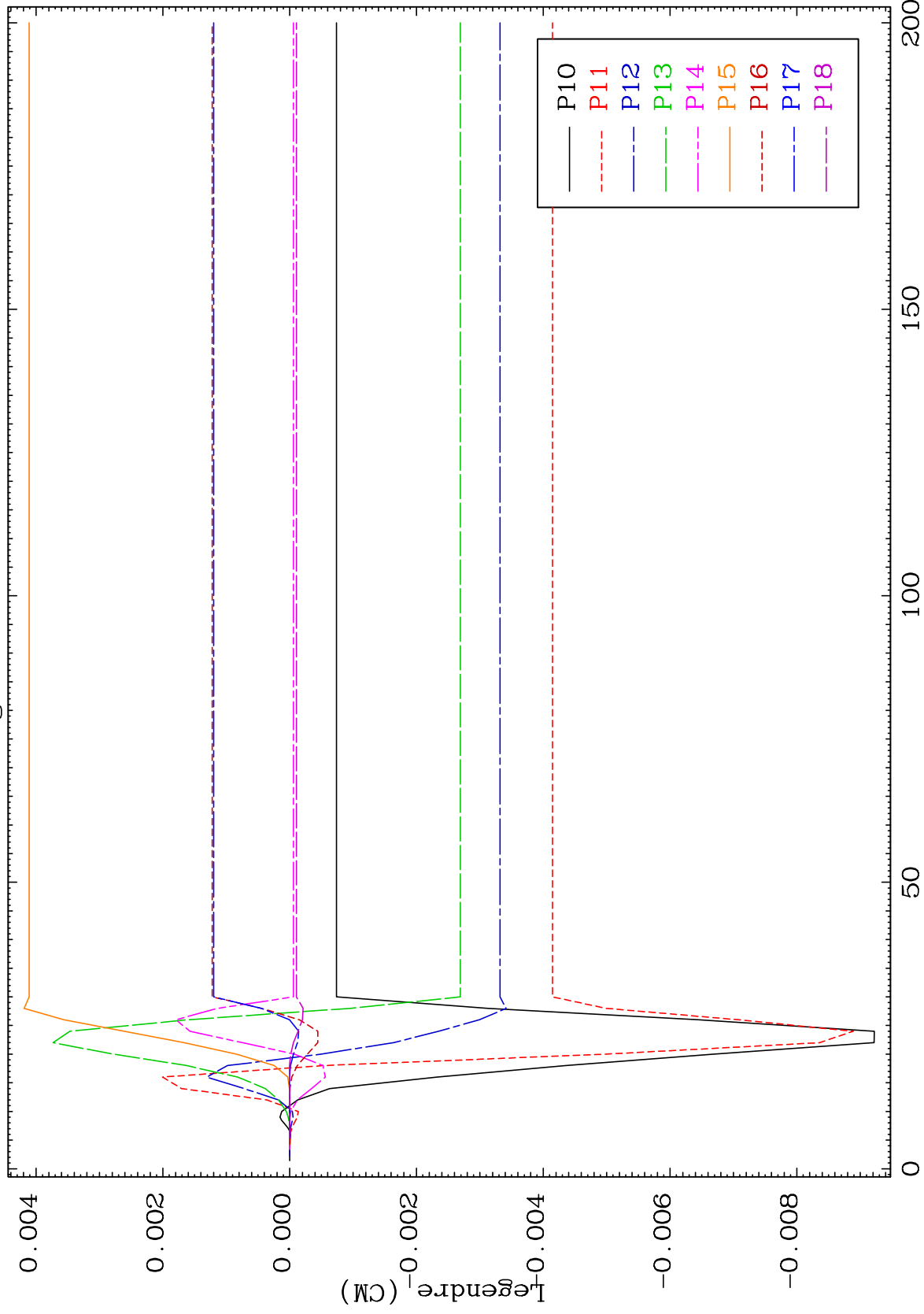
Incident Energy (MeV)

25

MAT 5895

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

59-Pr-131



26

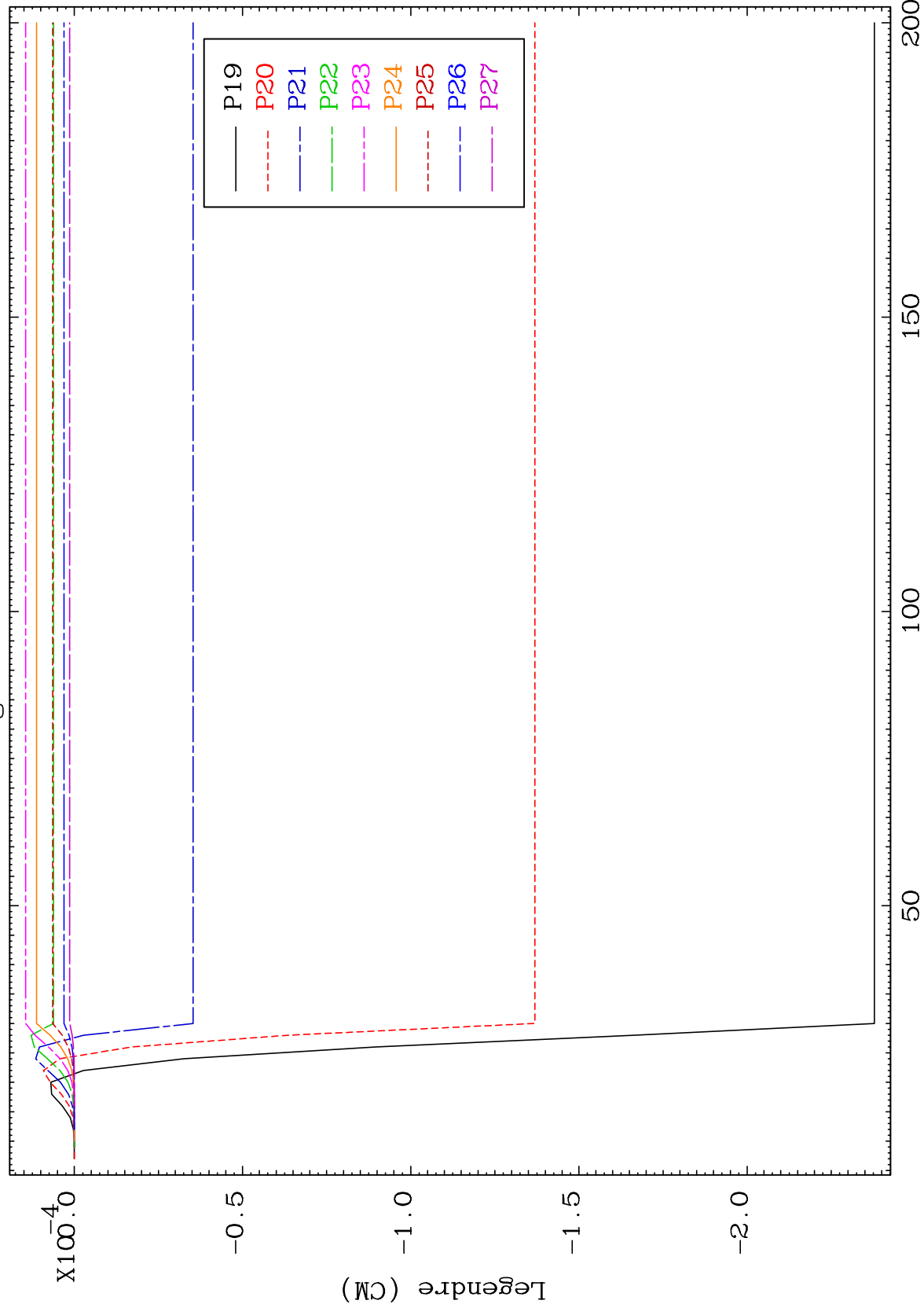
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

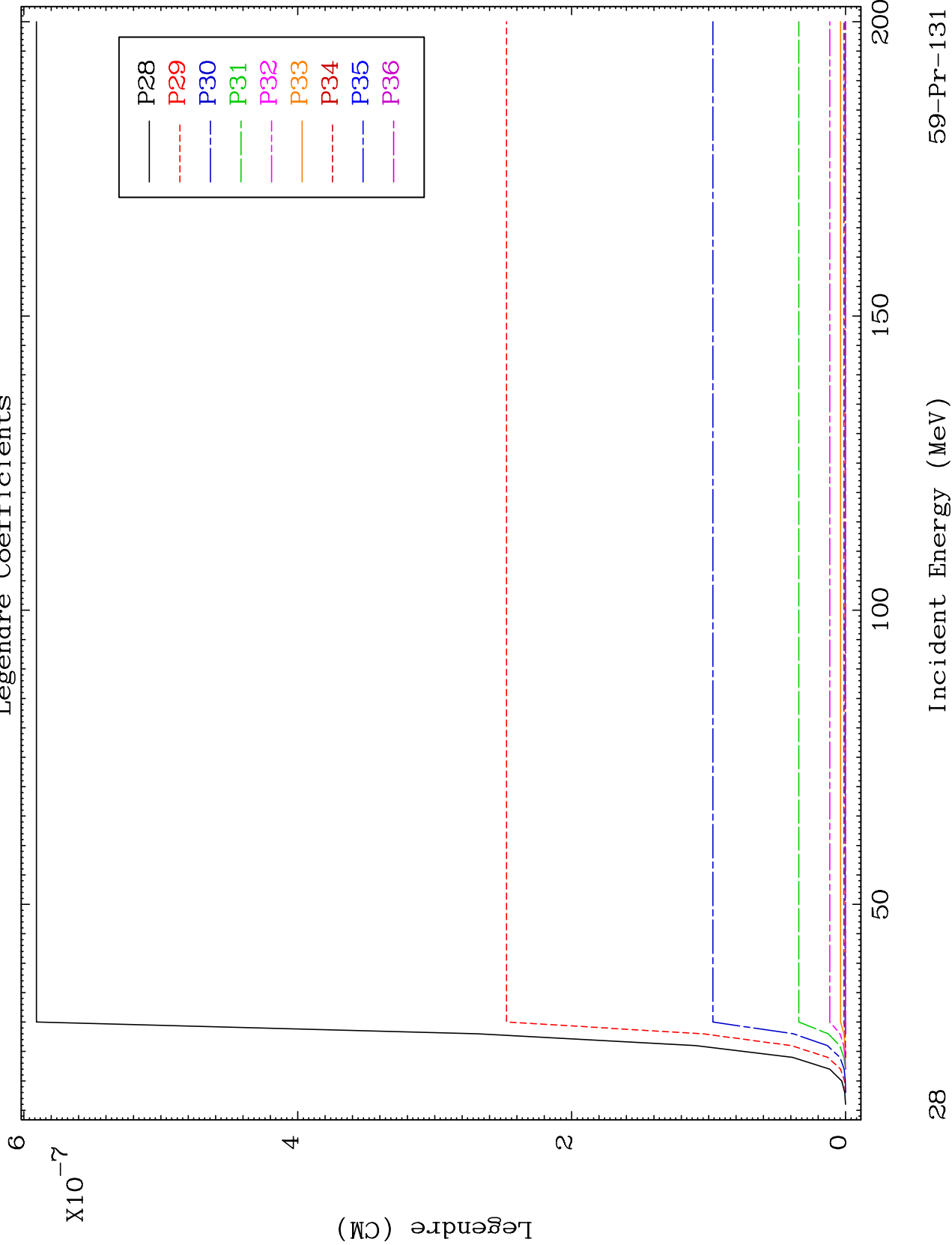
59-Pr-131



MAT 5895

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

59-Pr-131



28

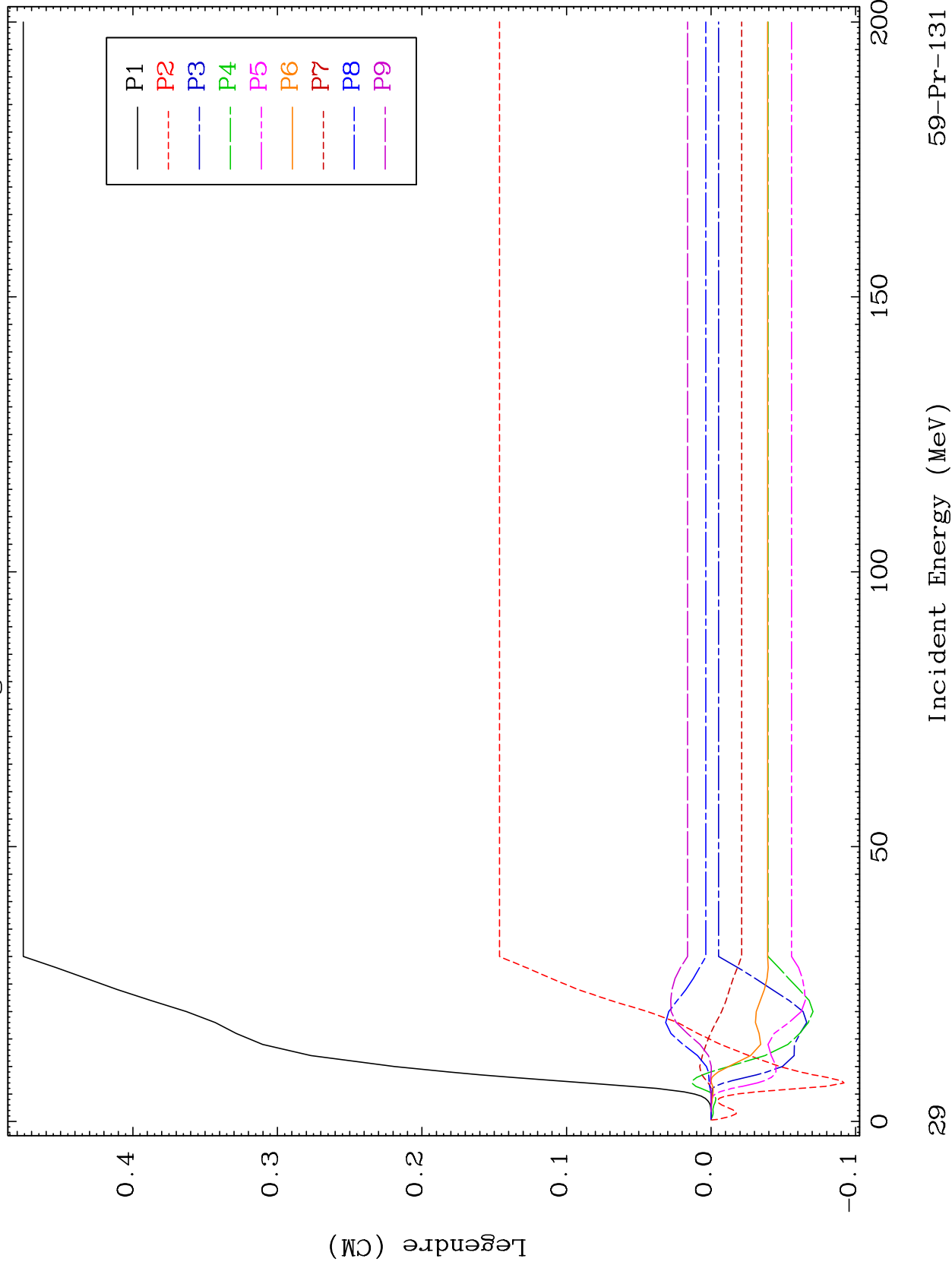
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

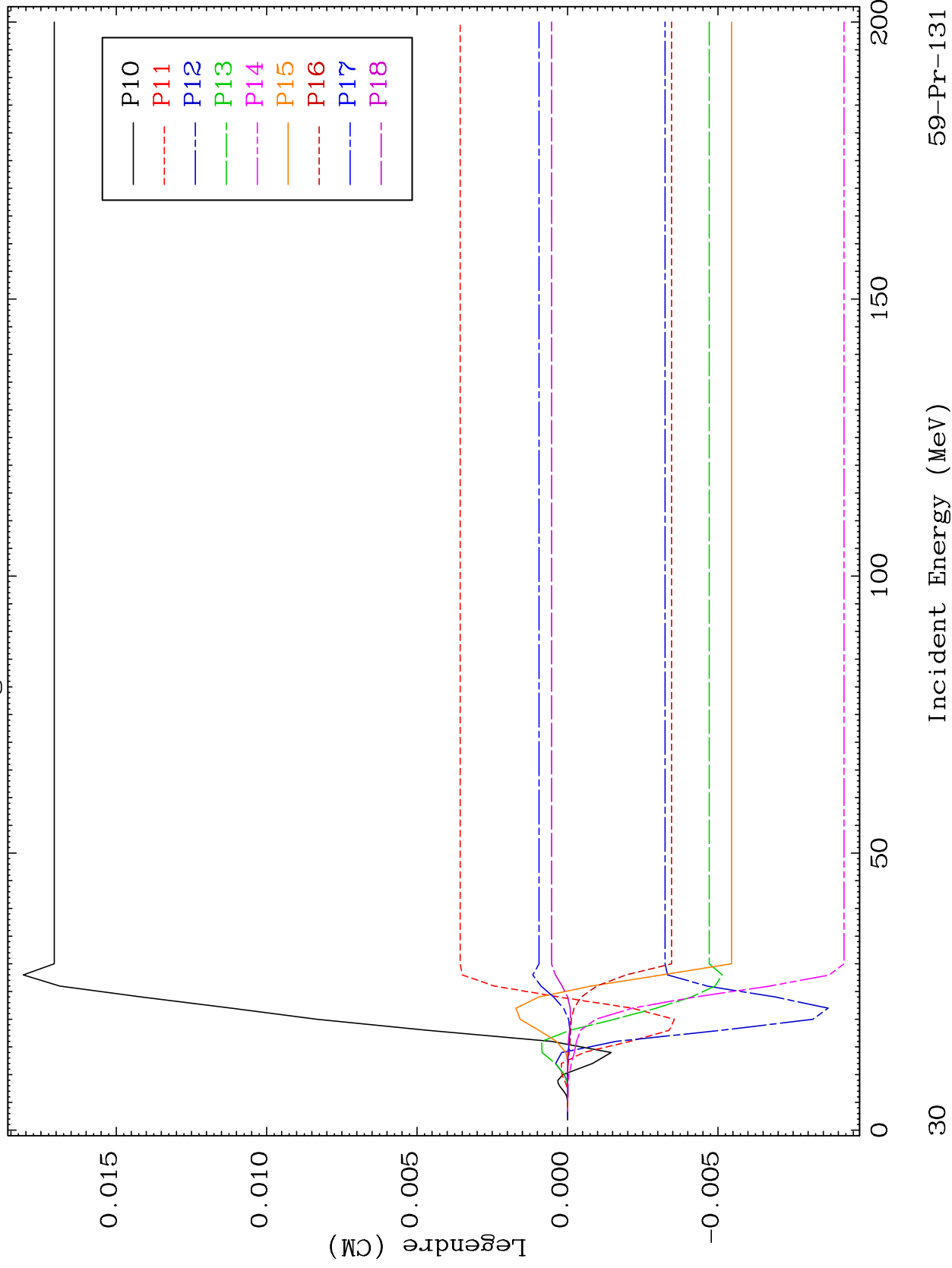
Incident Energy (MeV)

29

MAT 5895

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

59-Pr-131



59-Pr-131

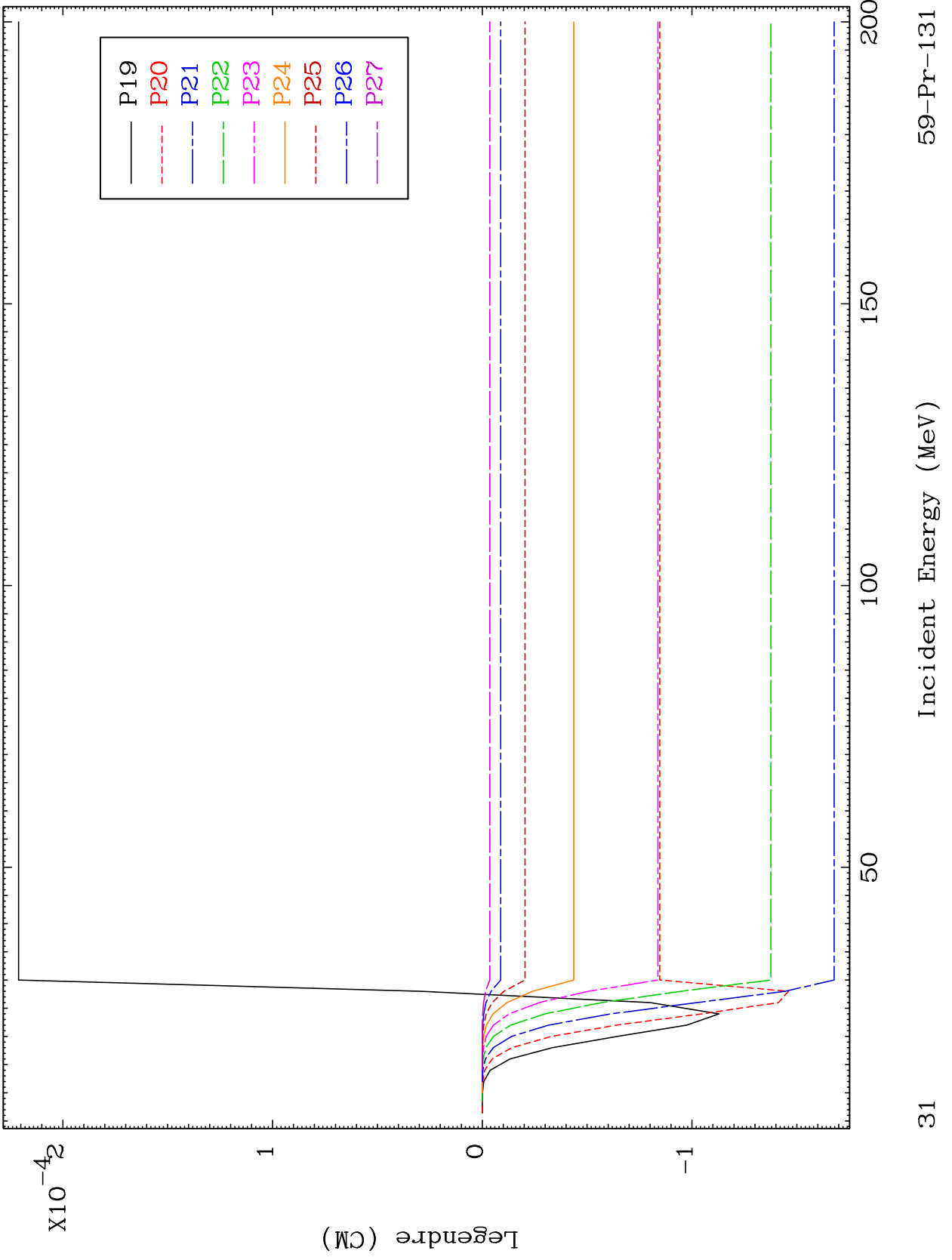
Incident Energy (MeV)

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MAT 5895

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

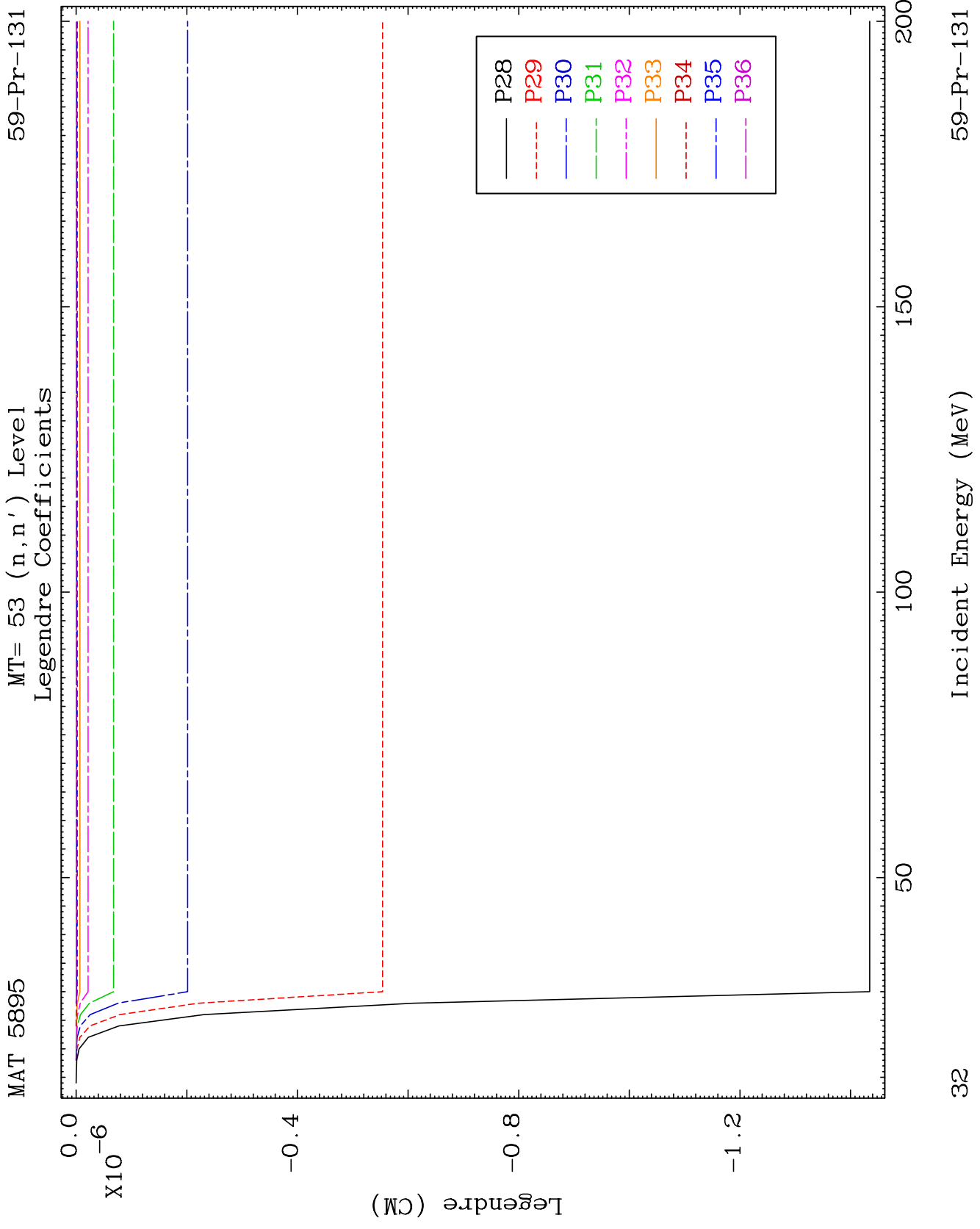
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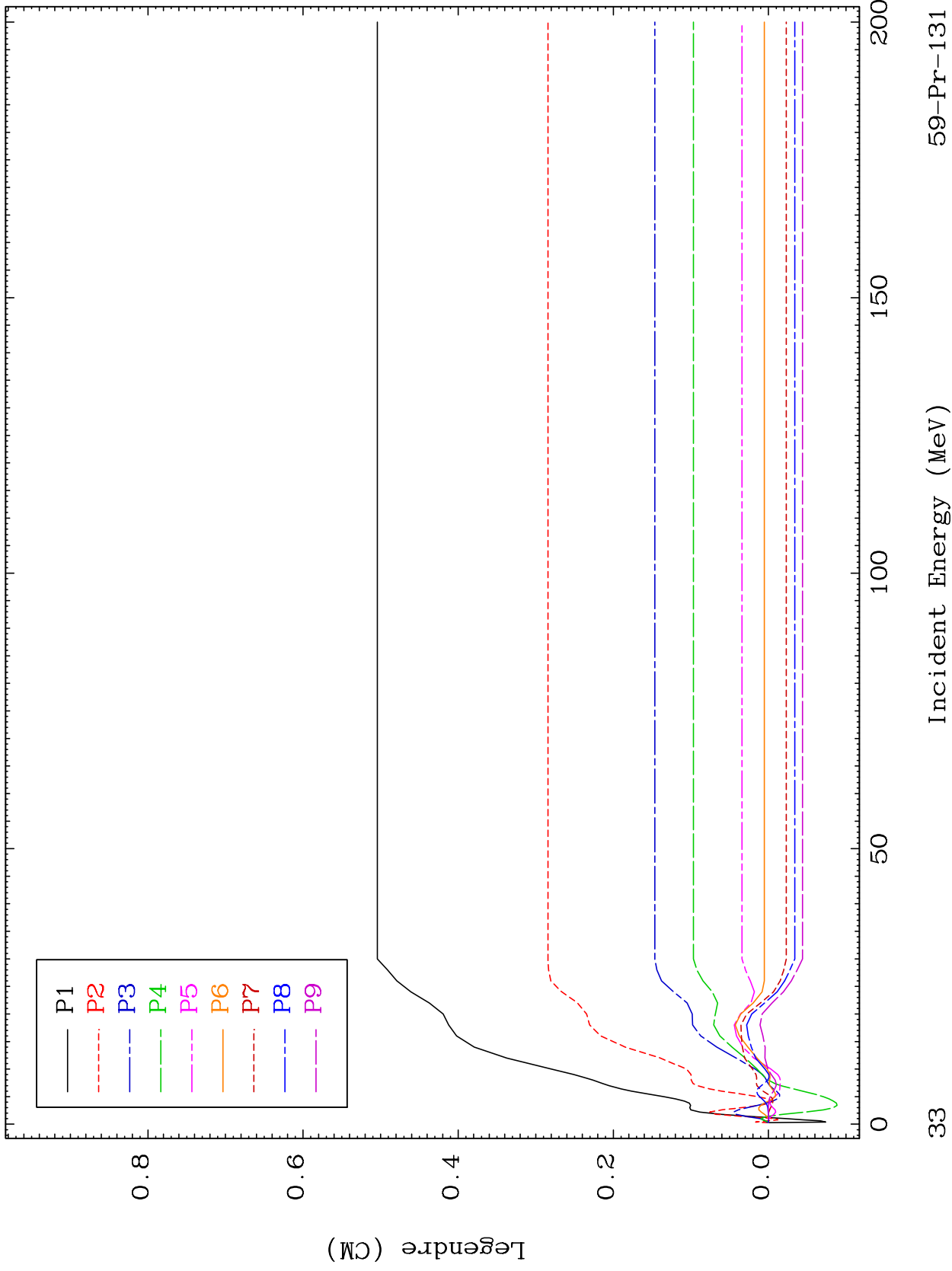


31

Incident Energy (MeV)

59-Pr-131

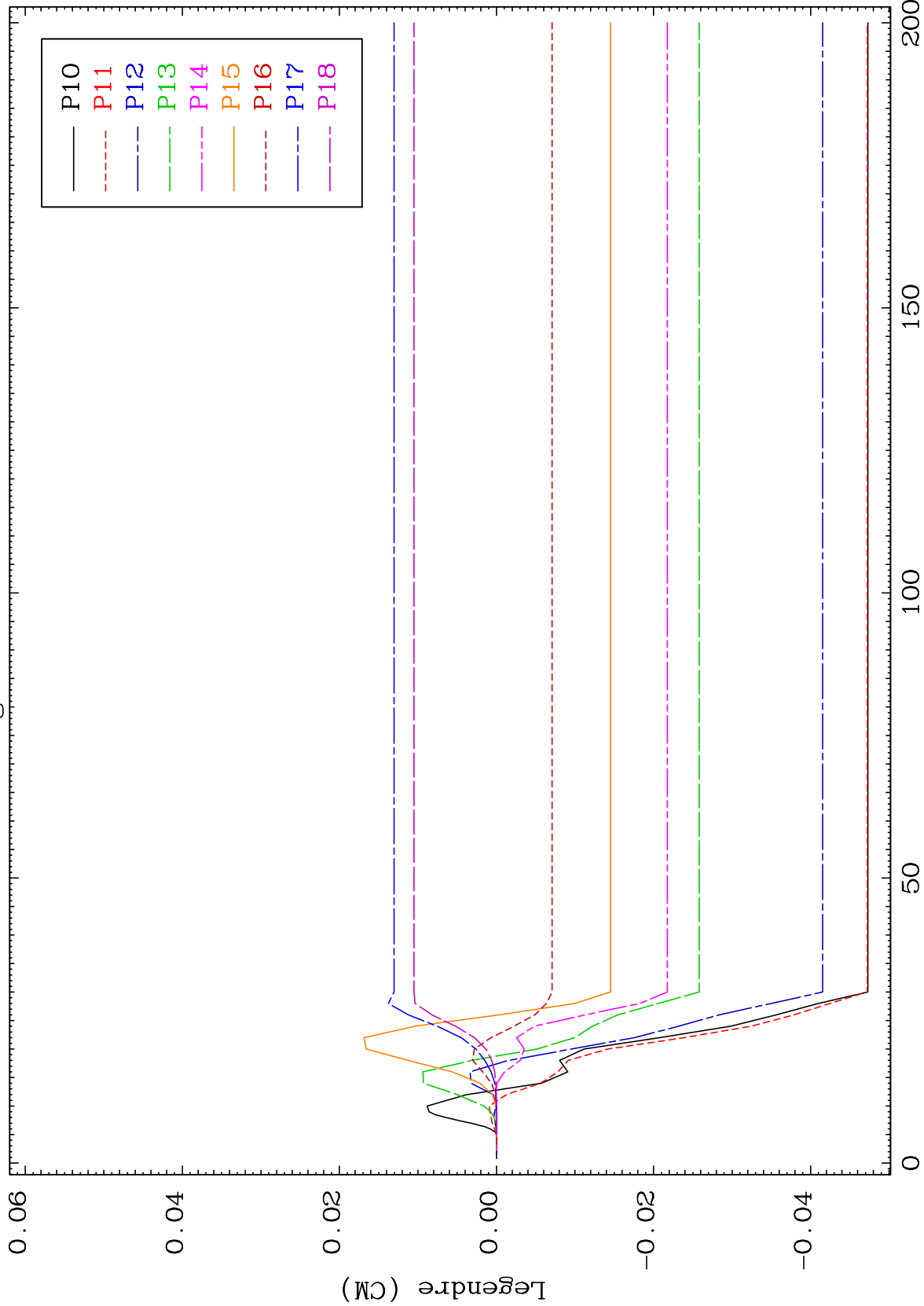




MAT 5895

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

59-Pr-131



34

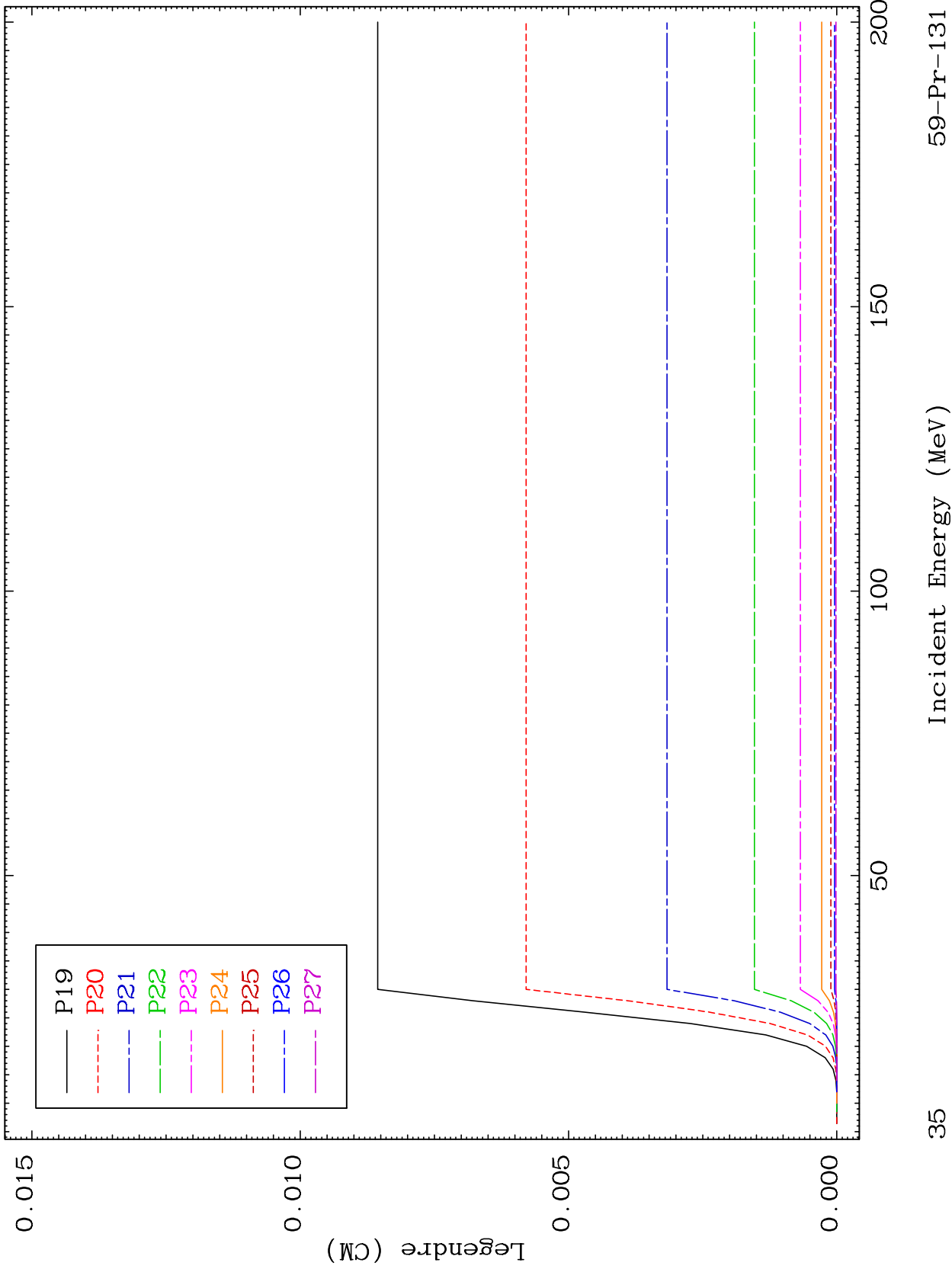
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



35

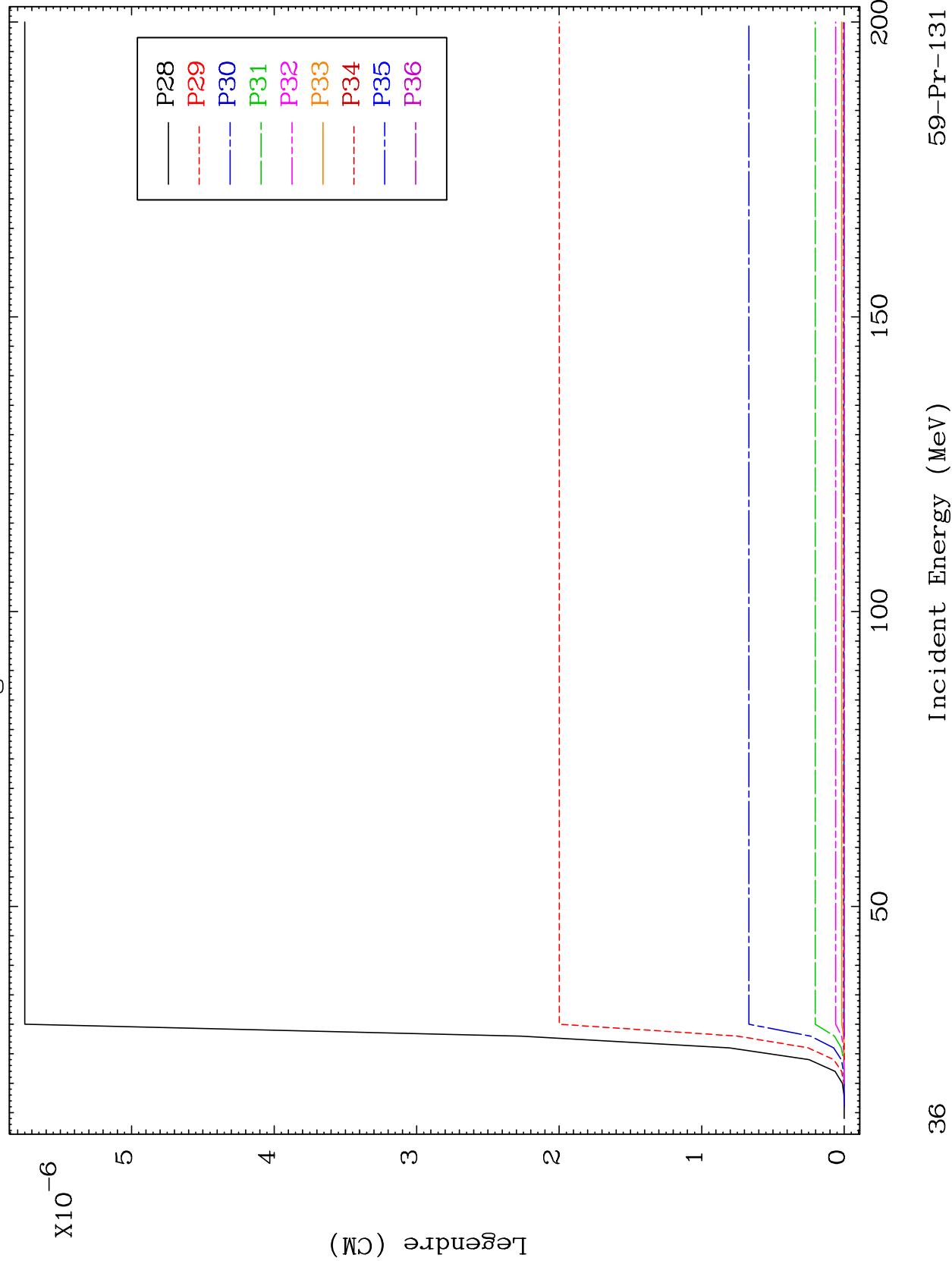
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

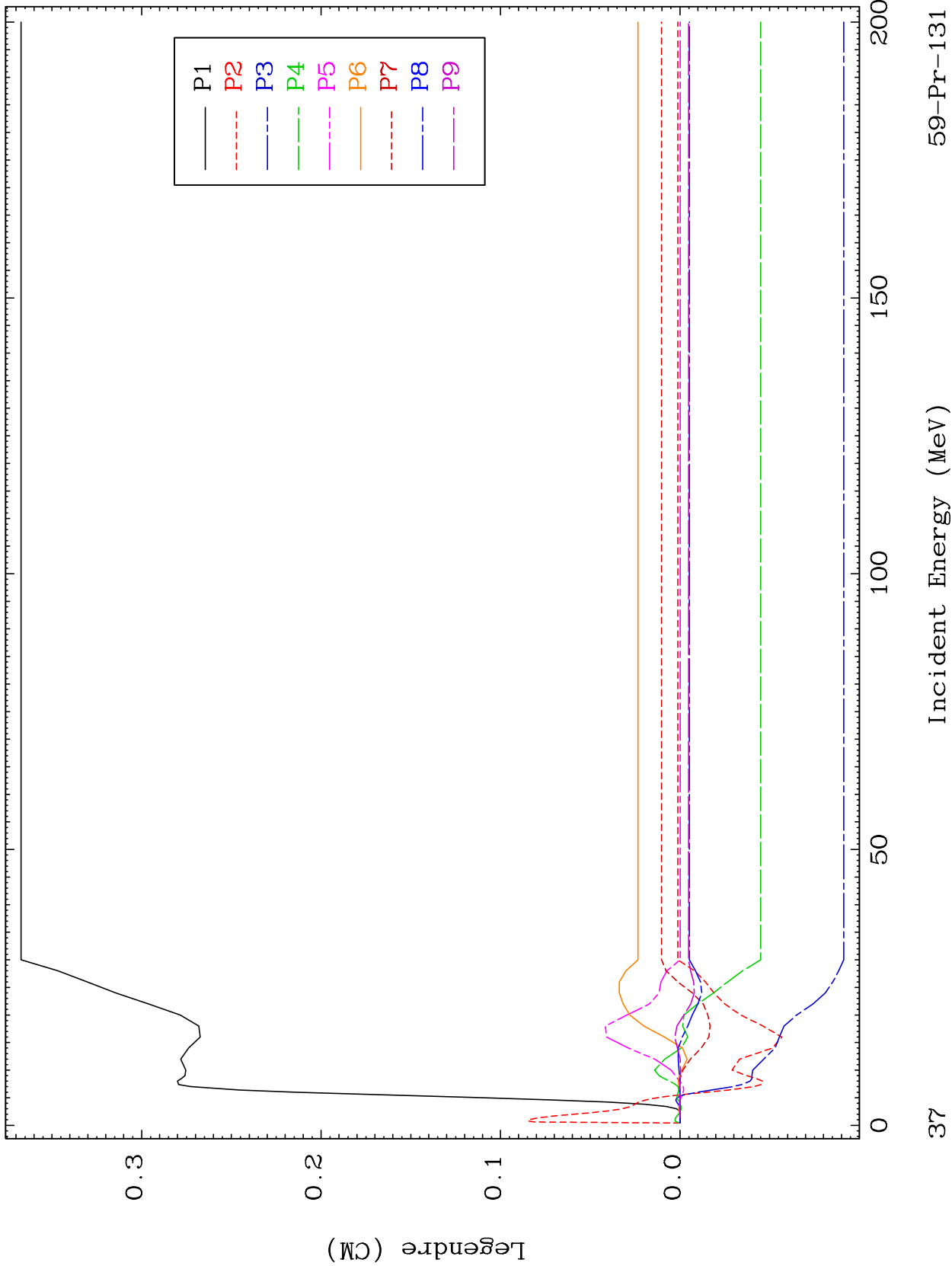
59-Pr-131



MAT 5895

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

59-Pr-131



59-Pr-131

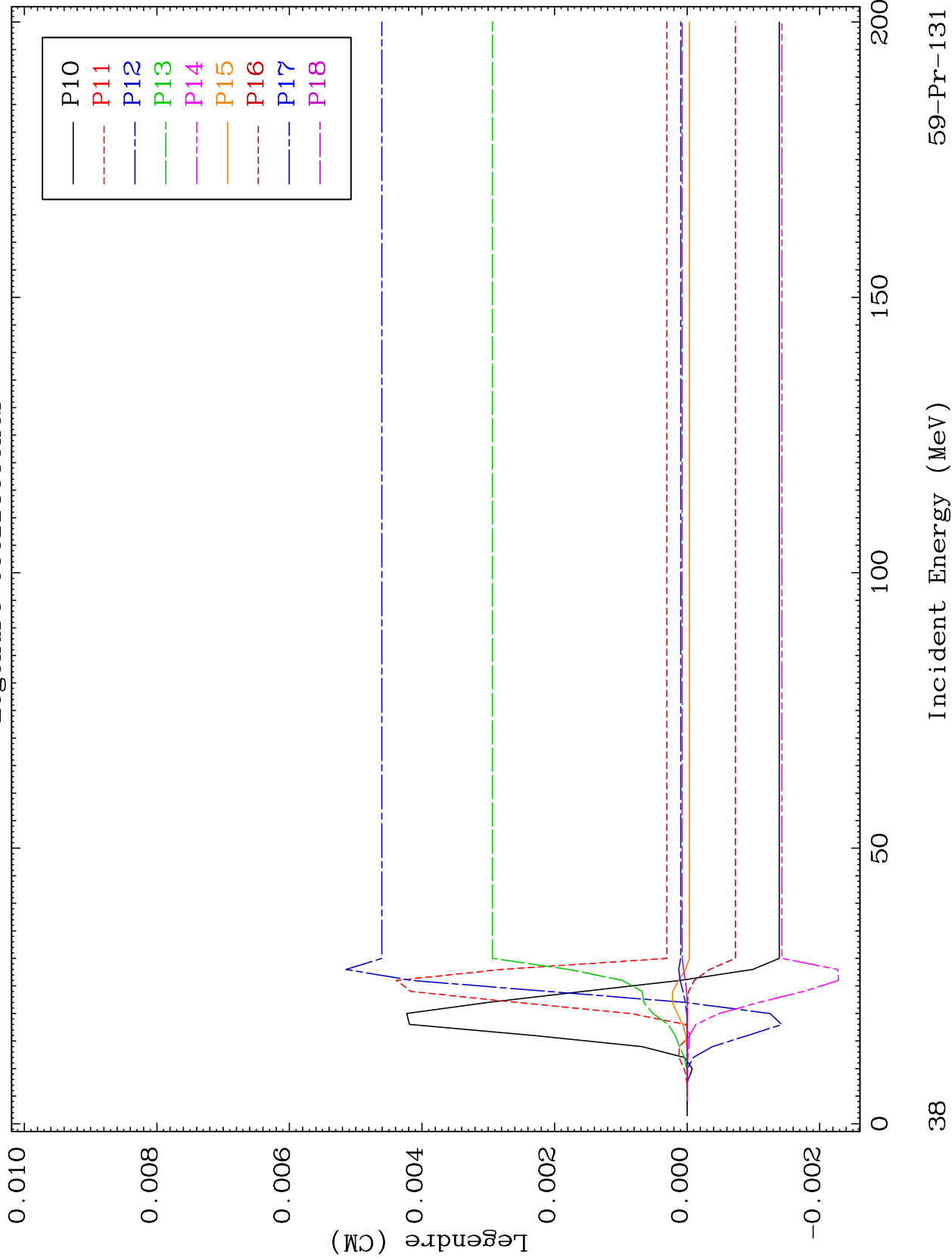
Incident Energy (MeV)

37

MAT 5895

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

59-Pr-131



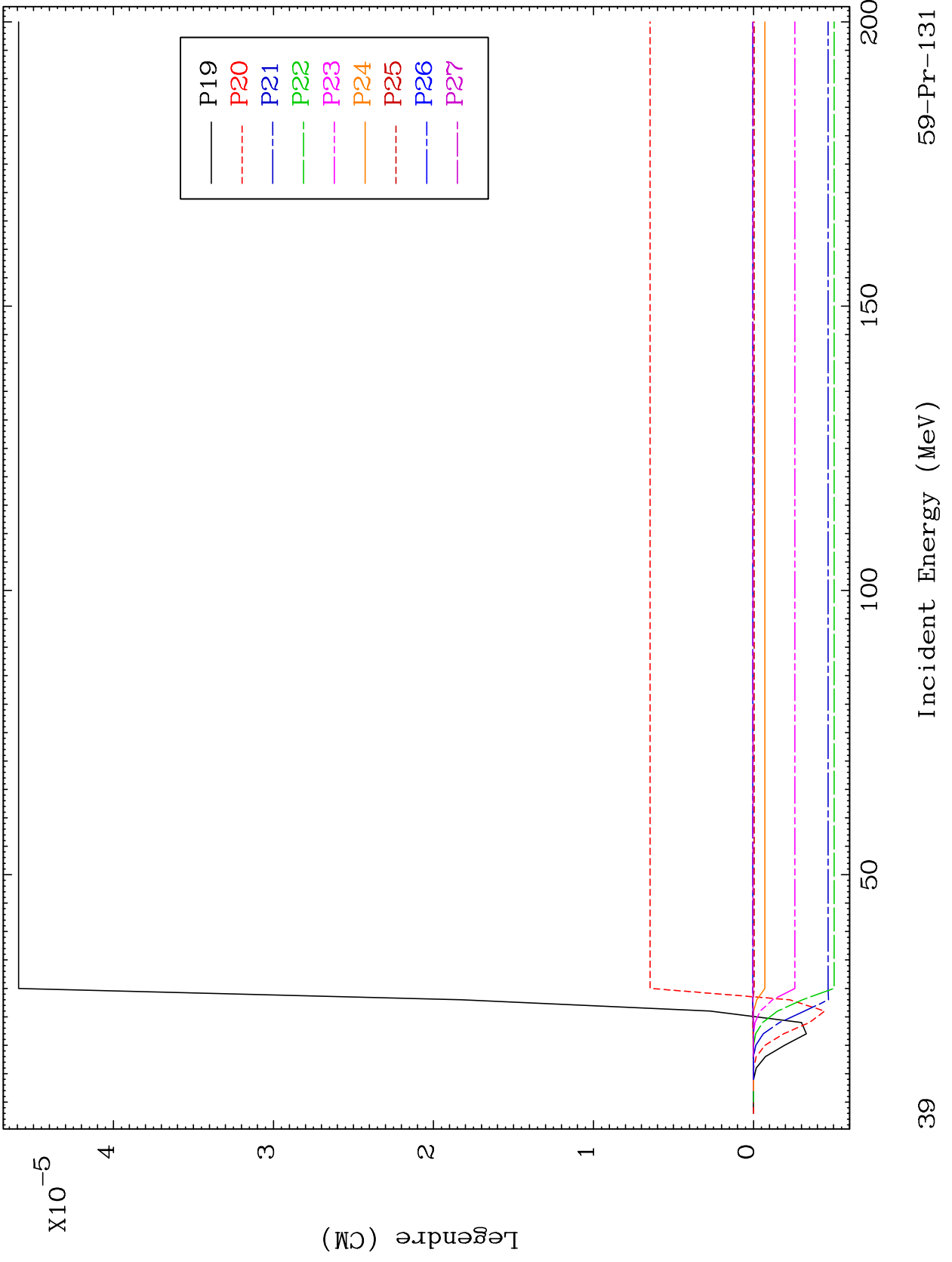
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59-Pr-131

MAT 5895

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

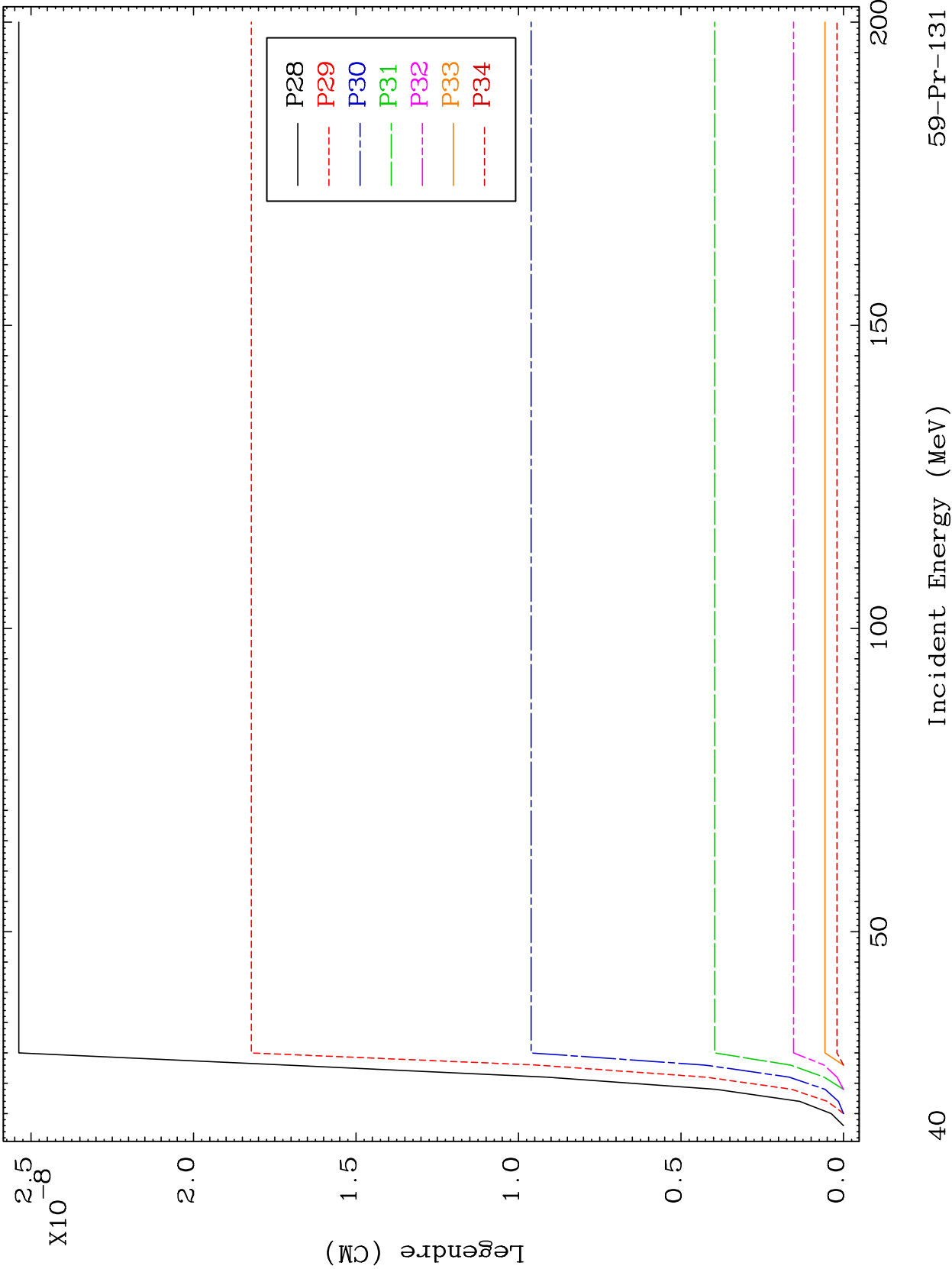
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MAT 5895

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

59-Pr-131



40

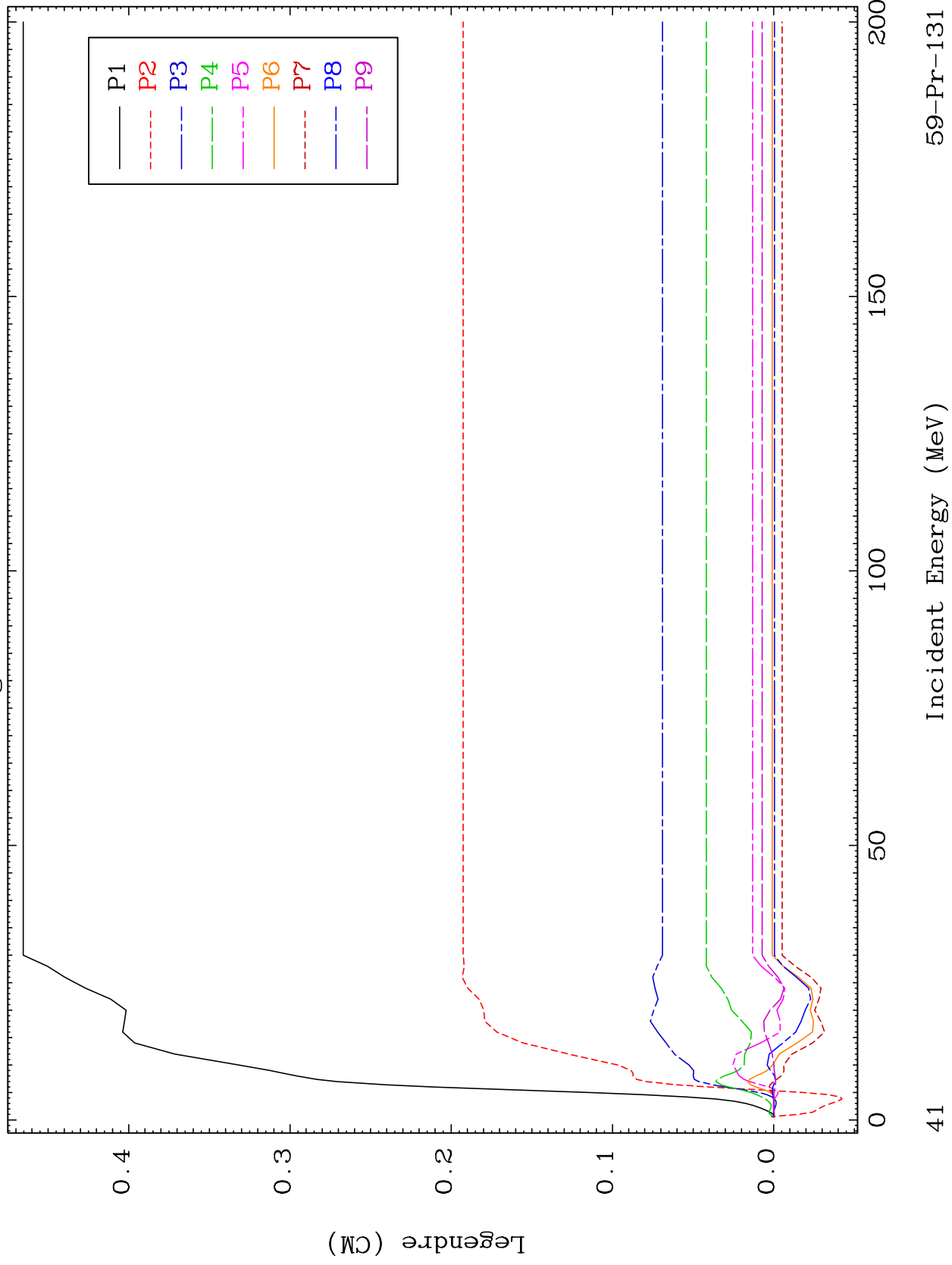
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



41

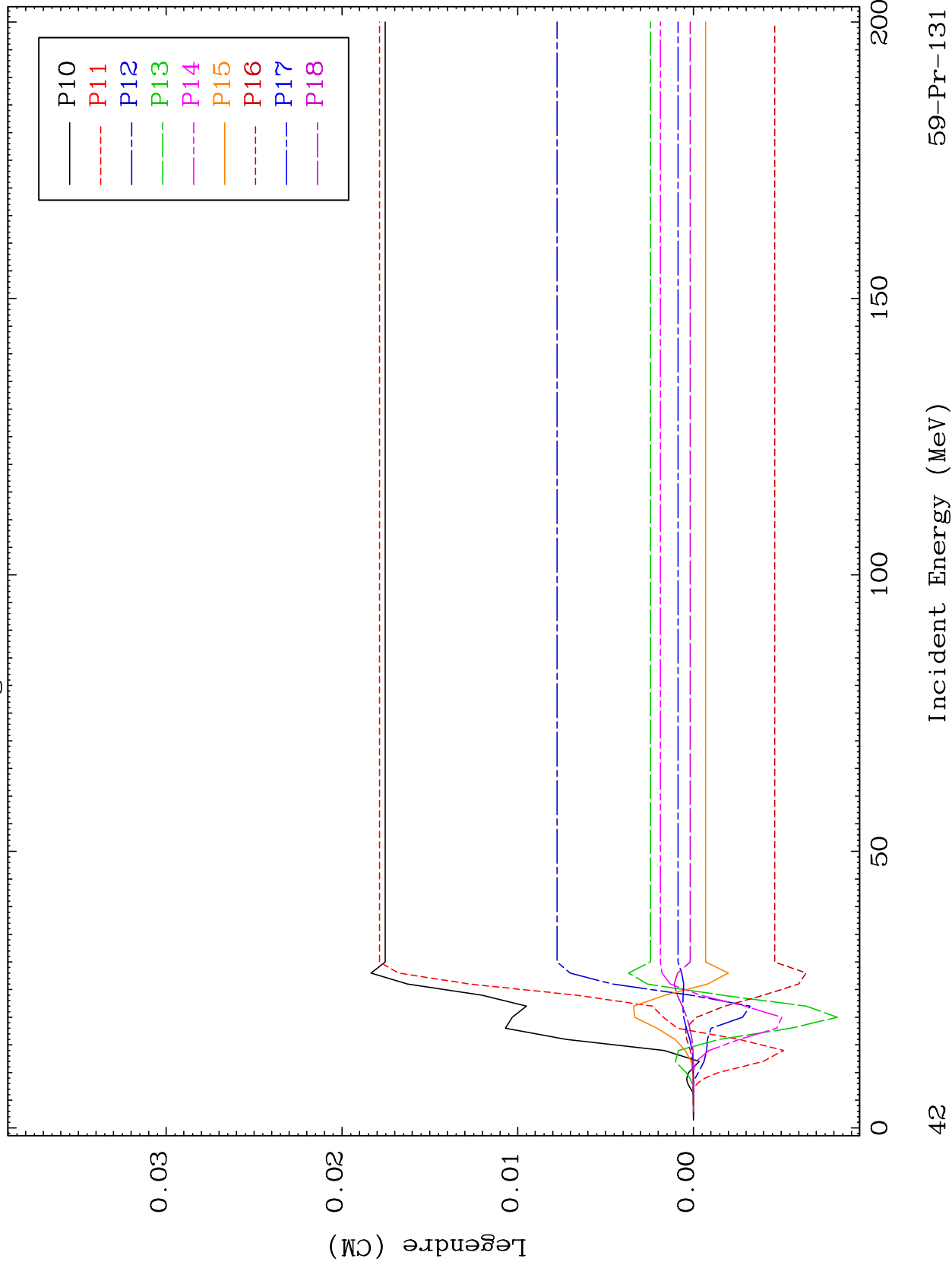
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

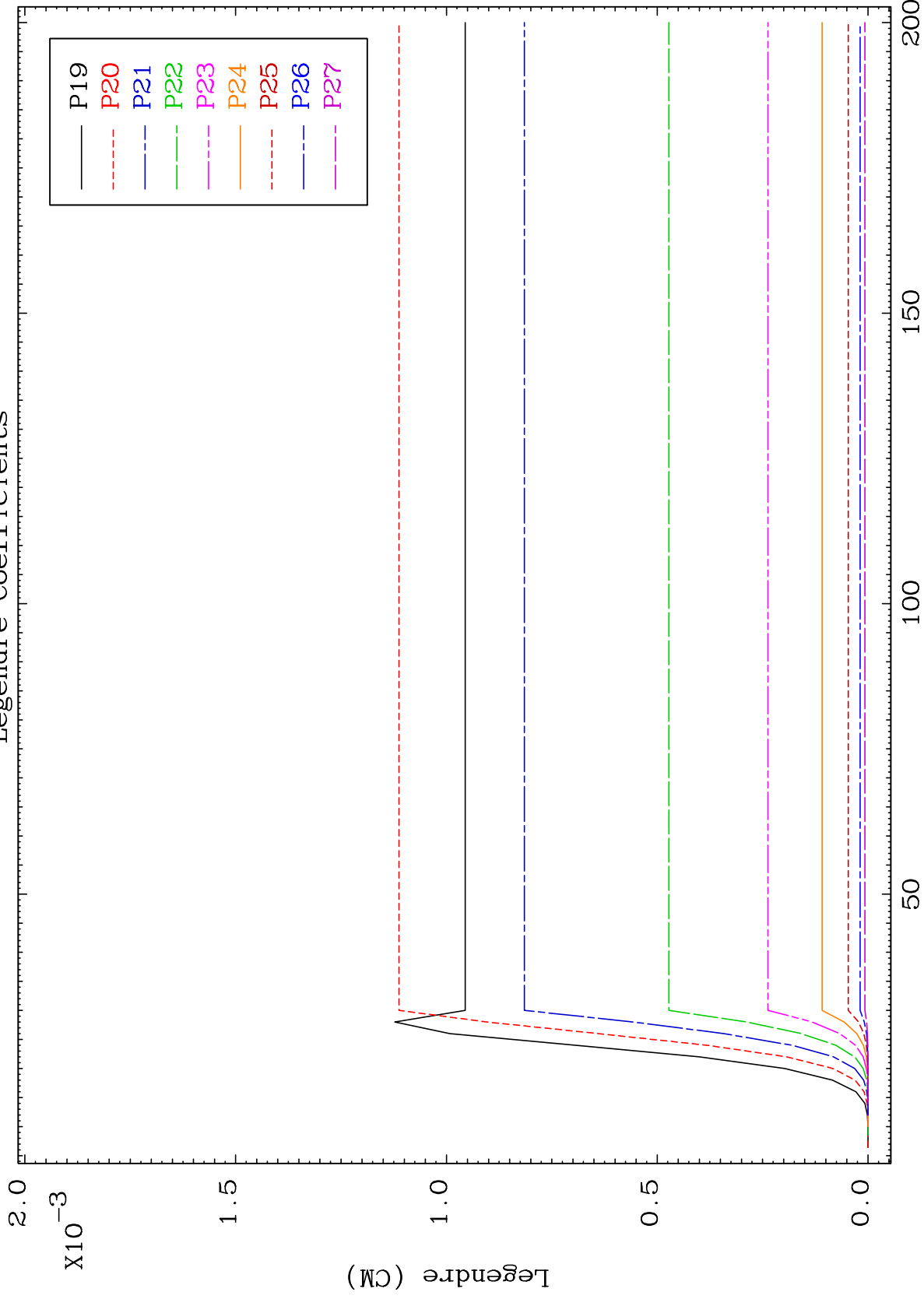
Incident Energy (MeV)

42

MAT 5895

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

59-Pr-131



43

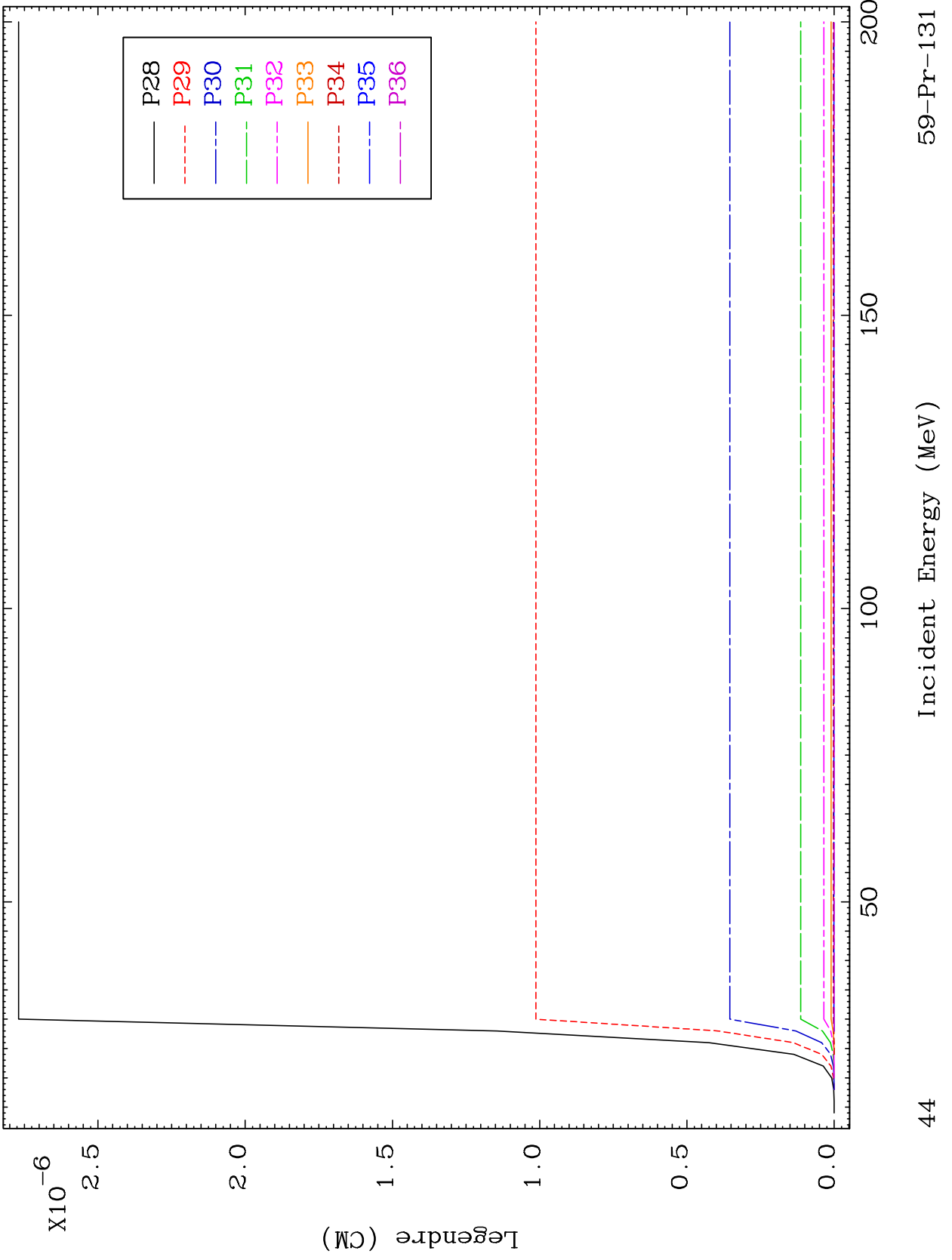
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



44

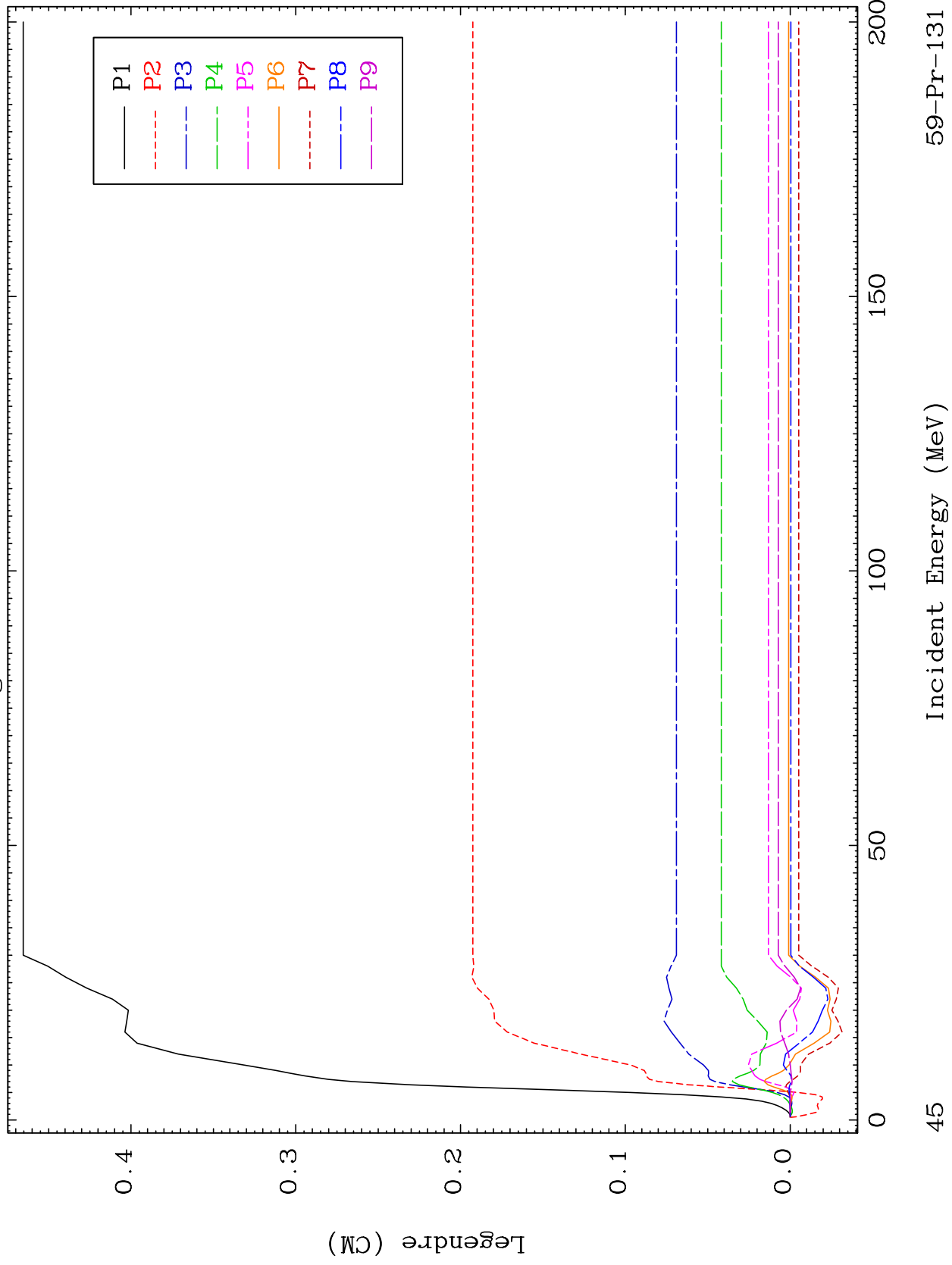
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

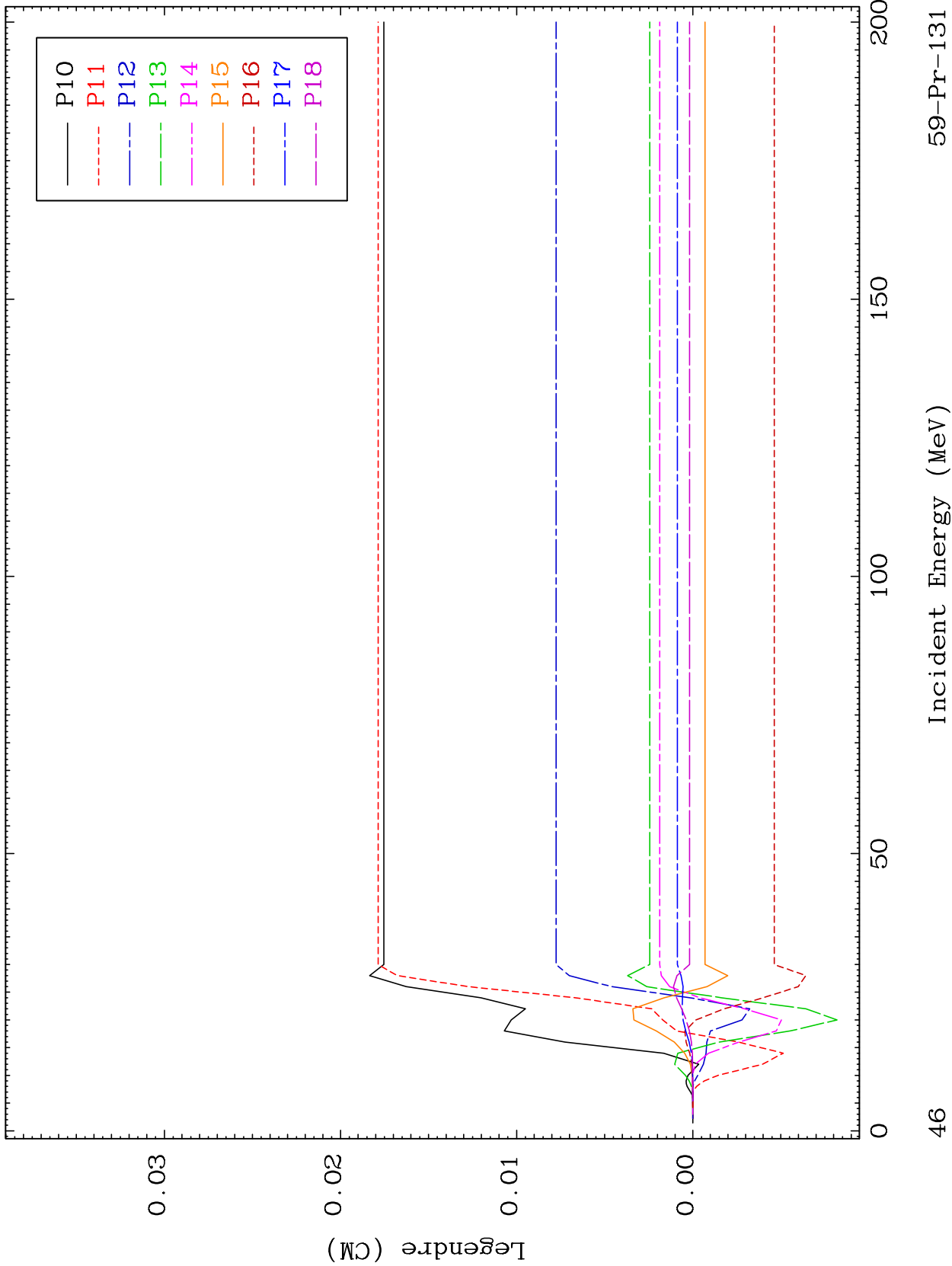
Incident Energy (MeV)

45

MAT 5895

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

59-Pr-131



59-Pr-131

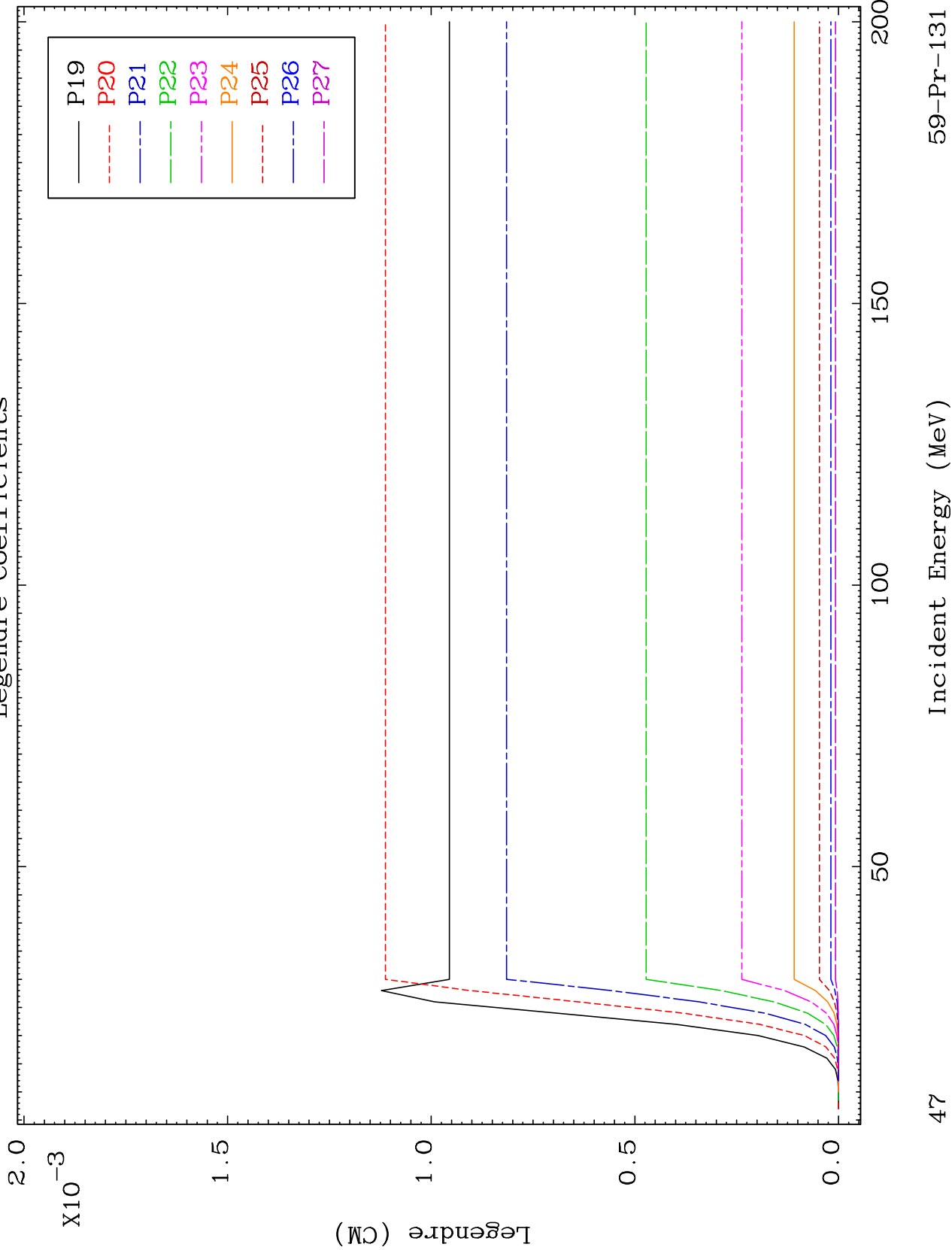
Incident Energy (MeV)

46

MAT 5895

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

59-Pr-131



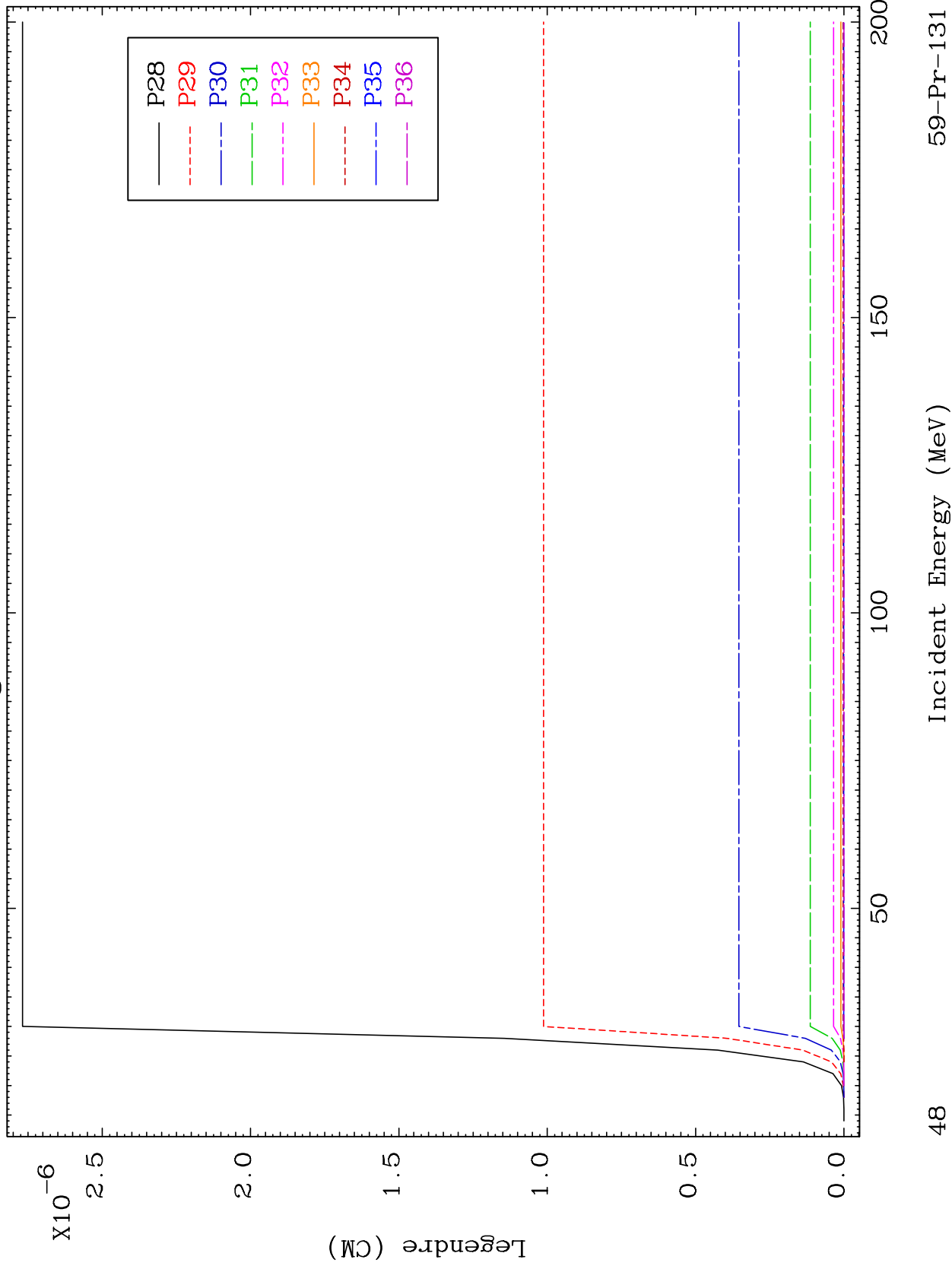
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59-Pr-131

MAT 5895

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

59-Pr-131



48

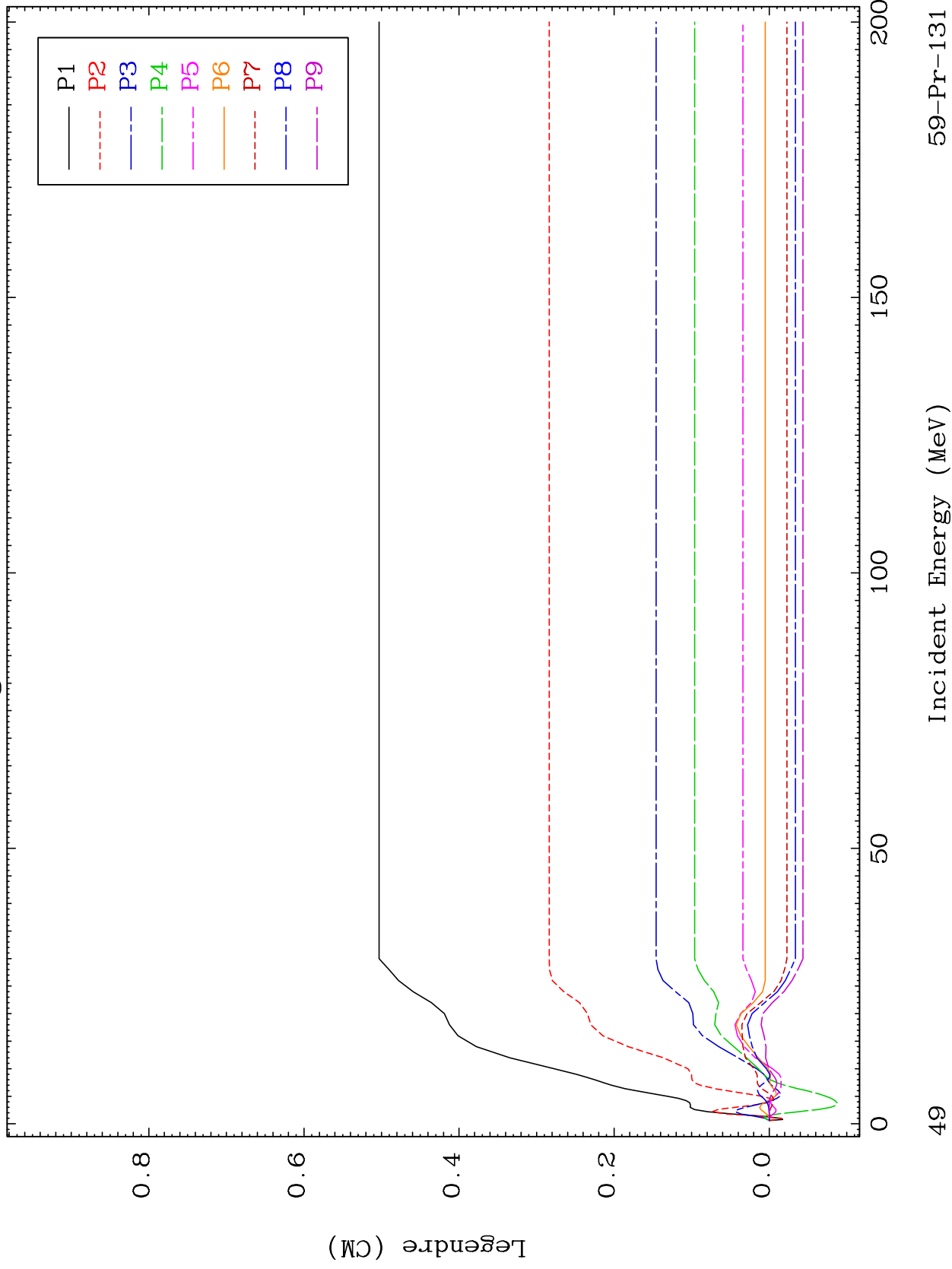
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

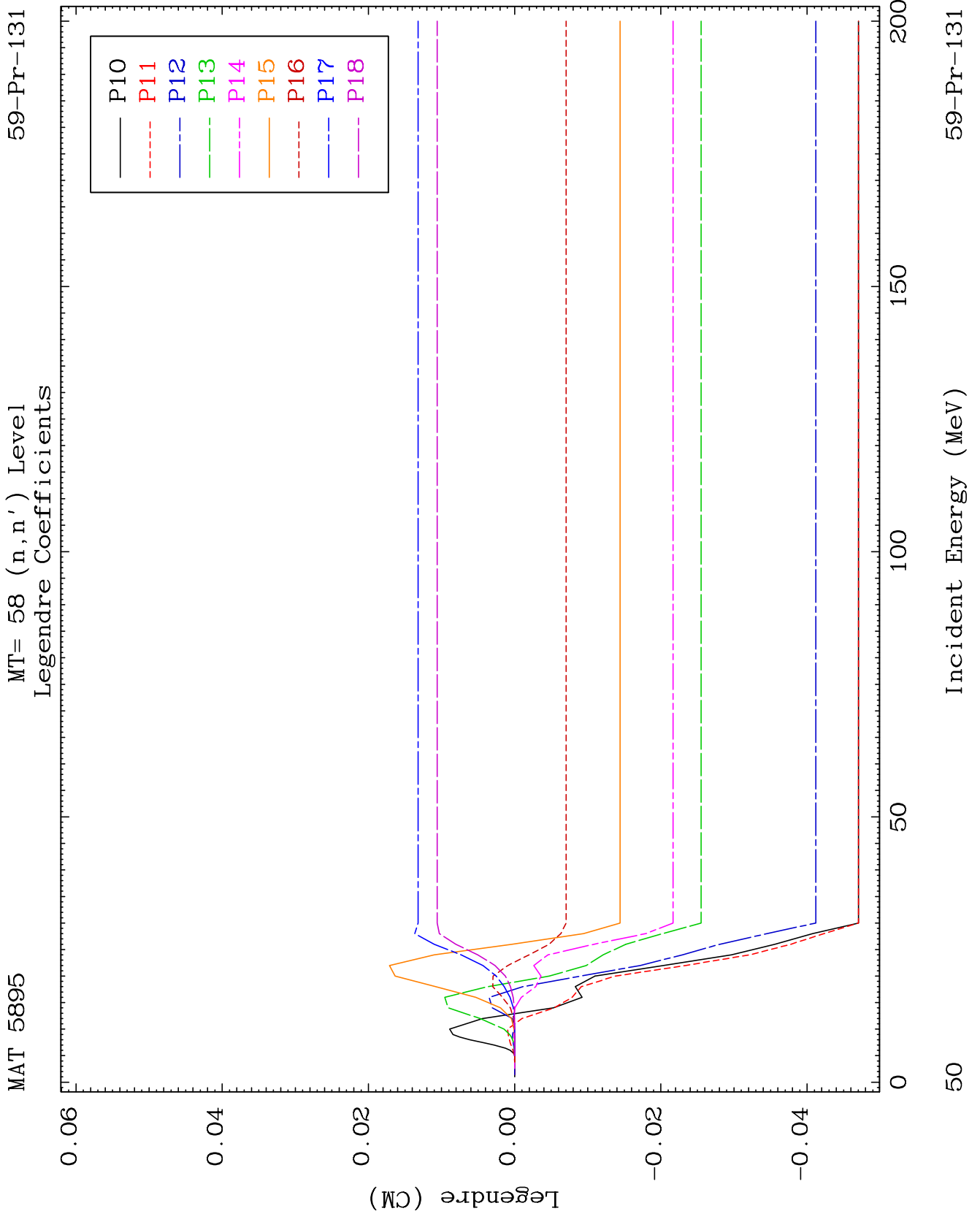
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59-Pr-131

Incident Energy (MeV)

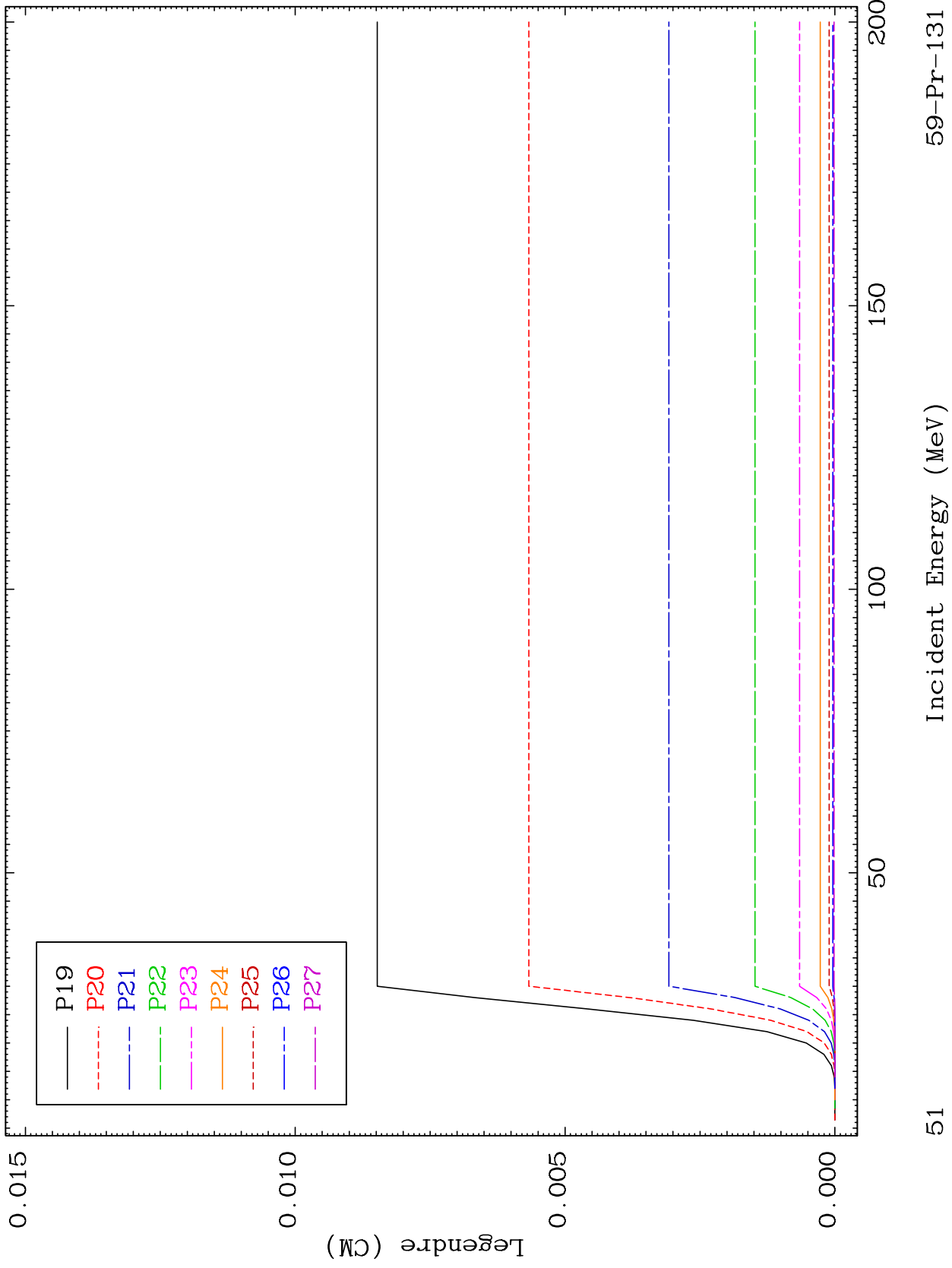
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MAT 5895

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

59-Pr-131



51

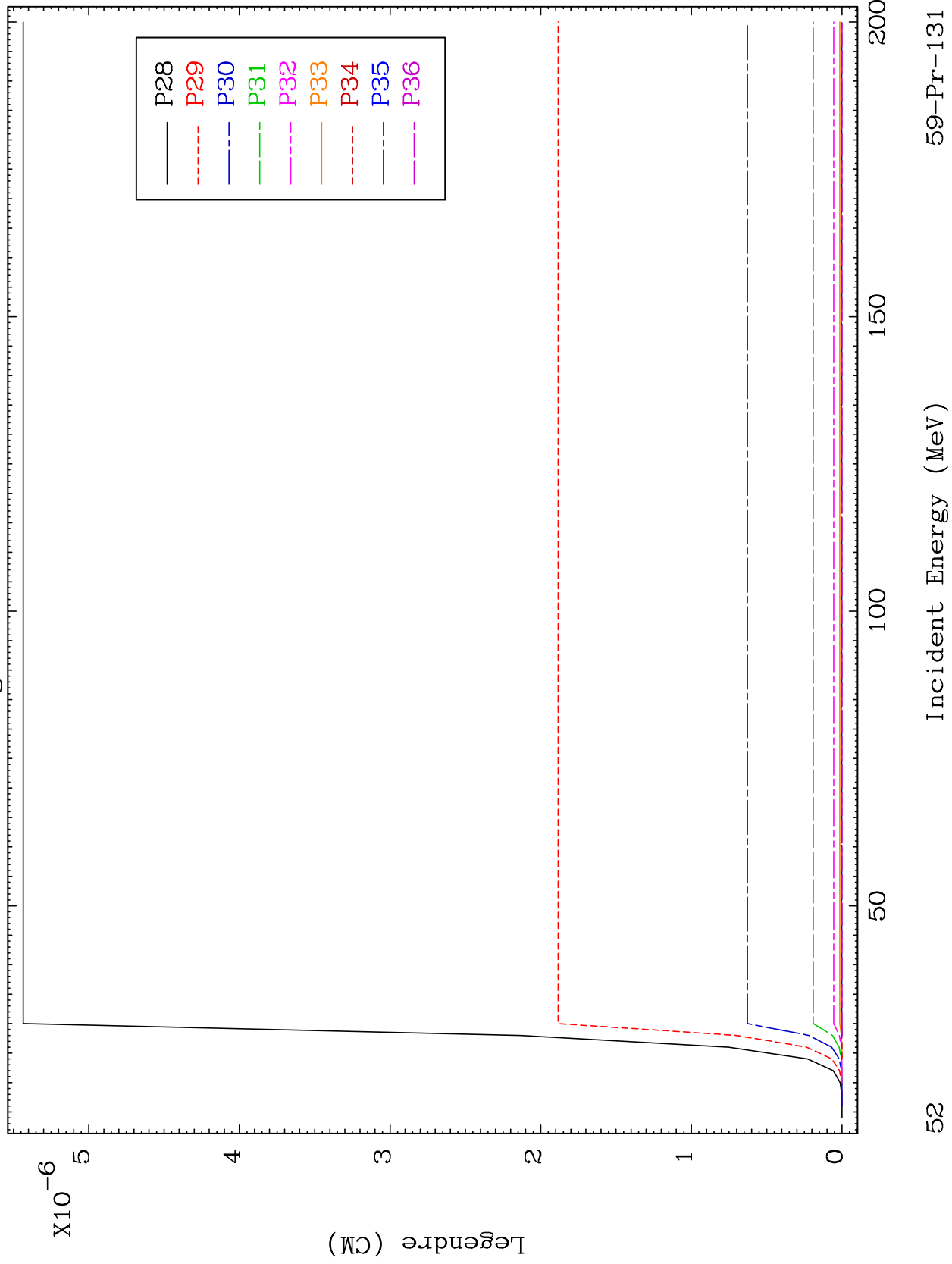
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



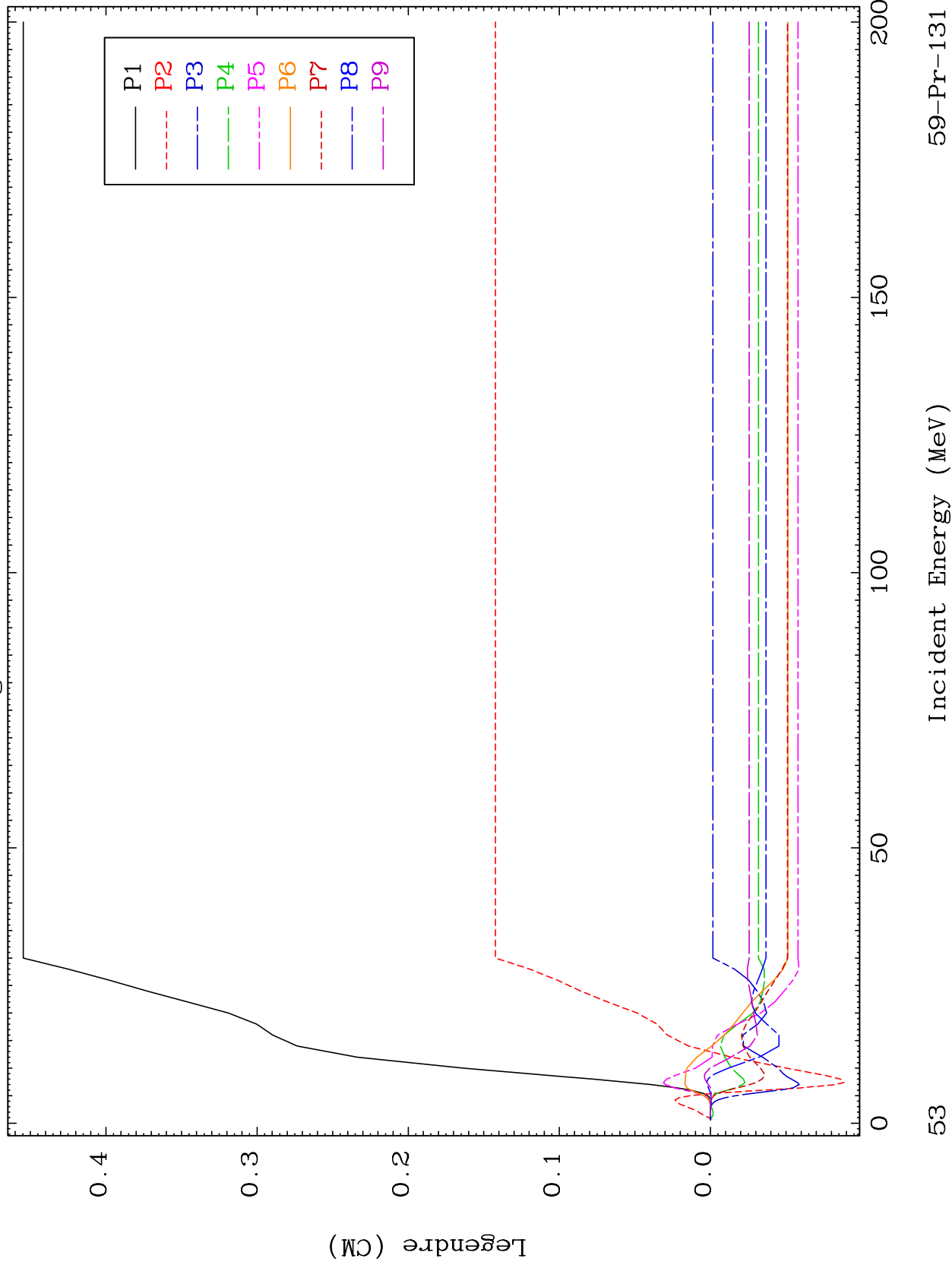
52

59-Pr-131

MAT 5895

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

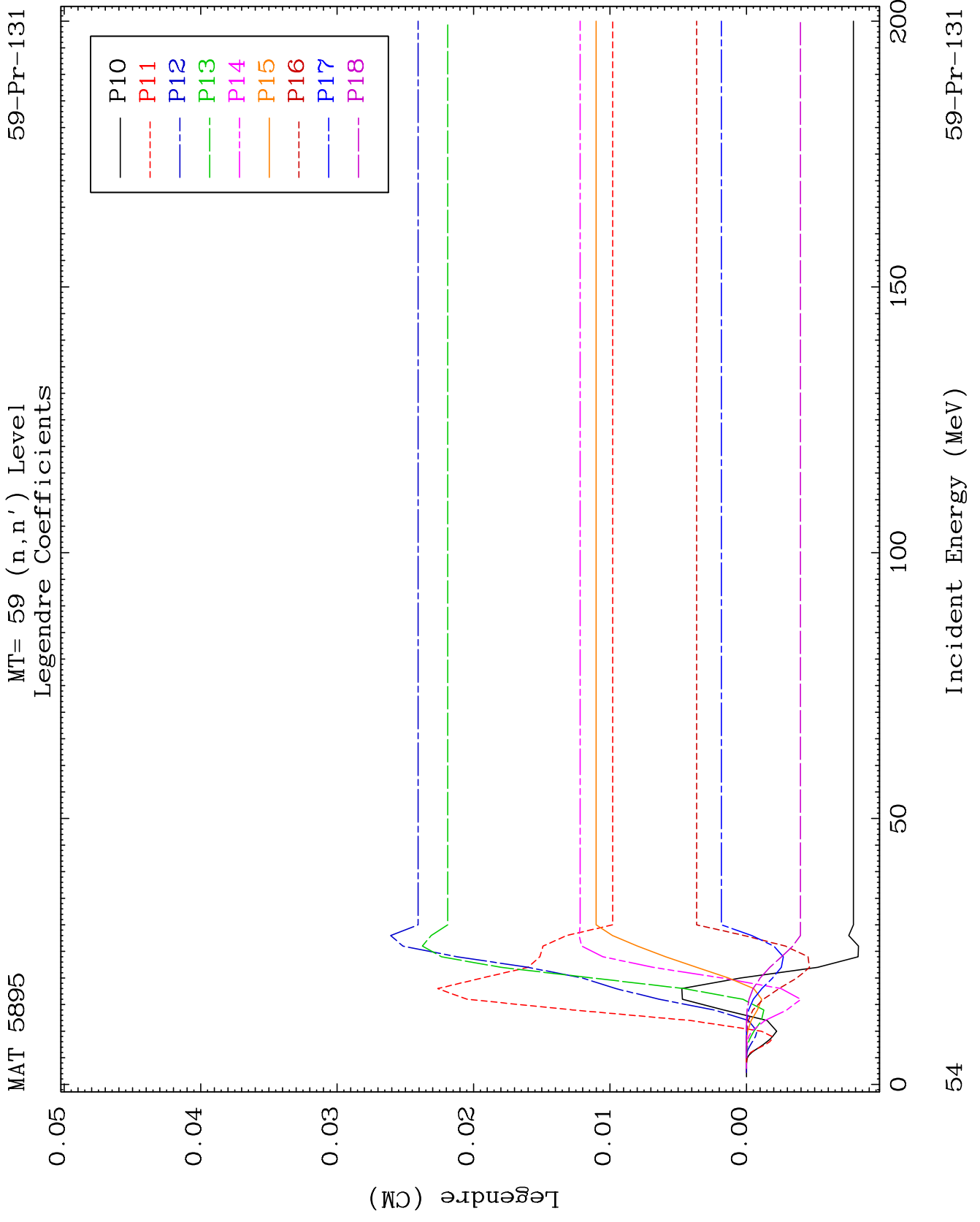
59-Pr-131



59-Pr-131

Incident Energy (MeV)

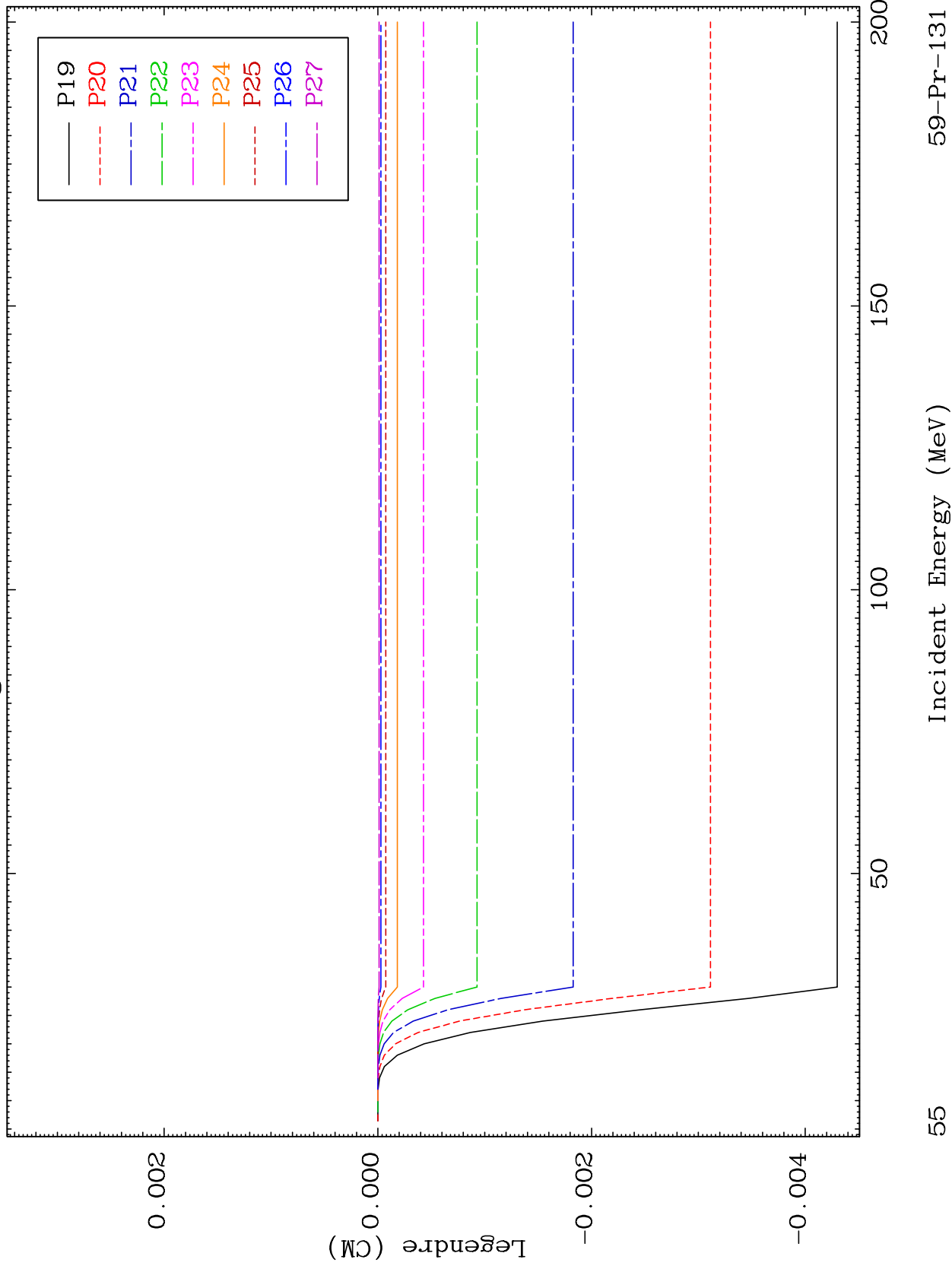
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MAT 5895

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

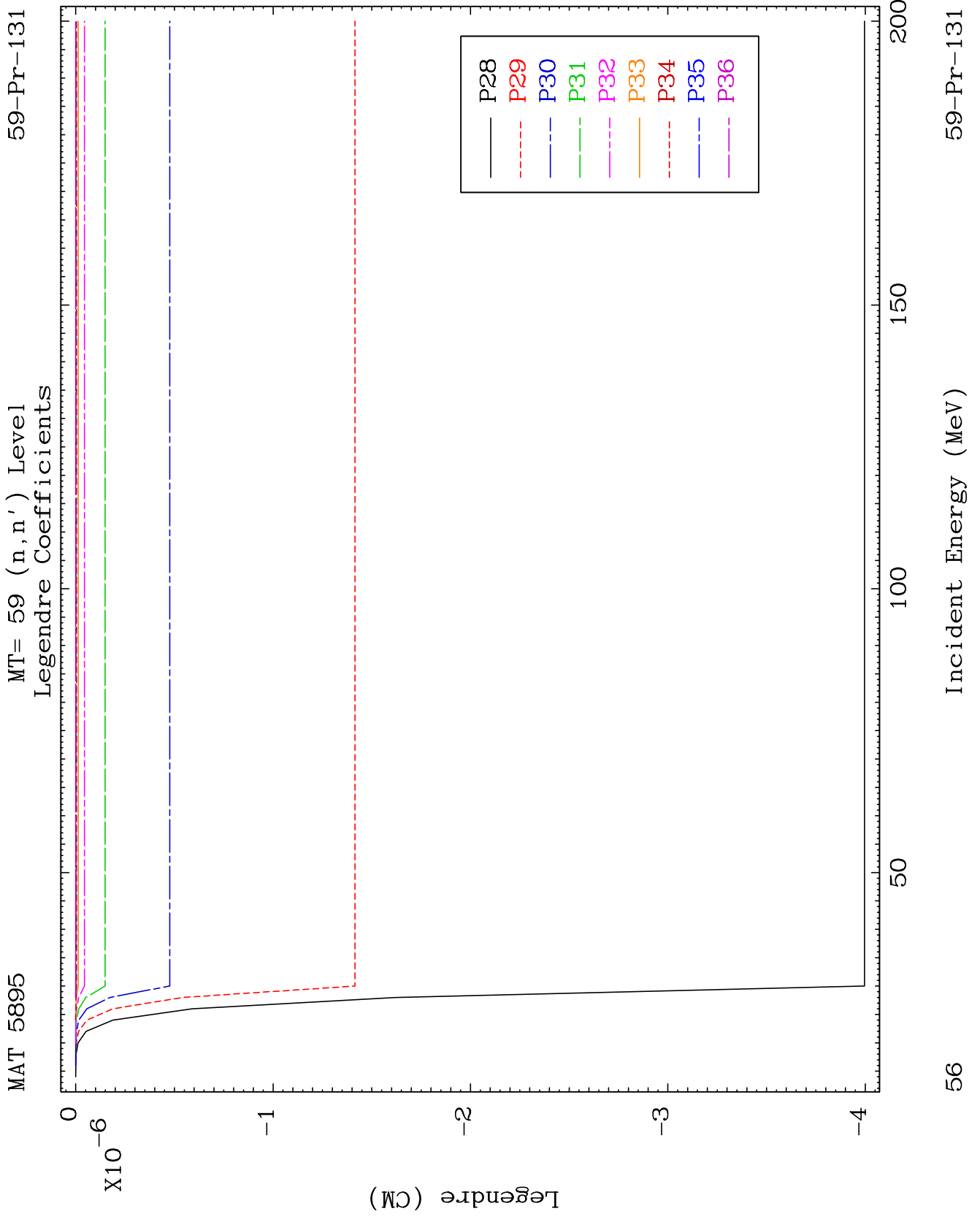
59-Pr-131



55

Incident Energy (MeV)

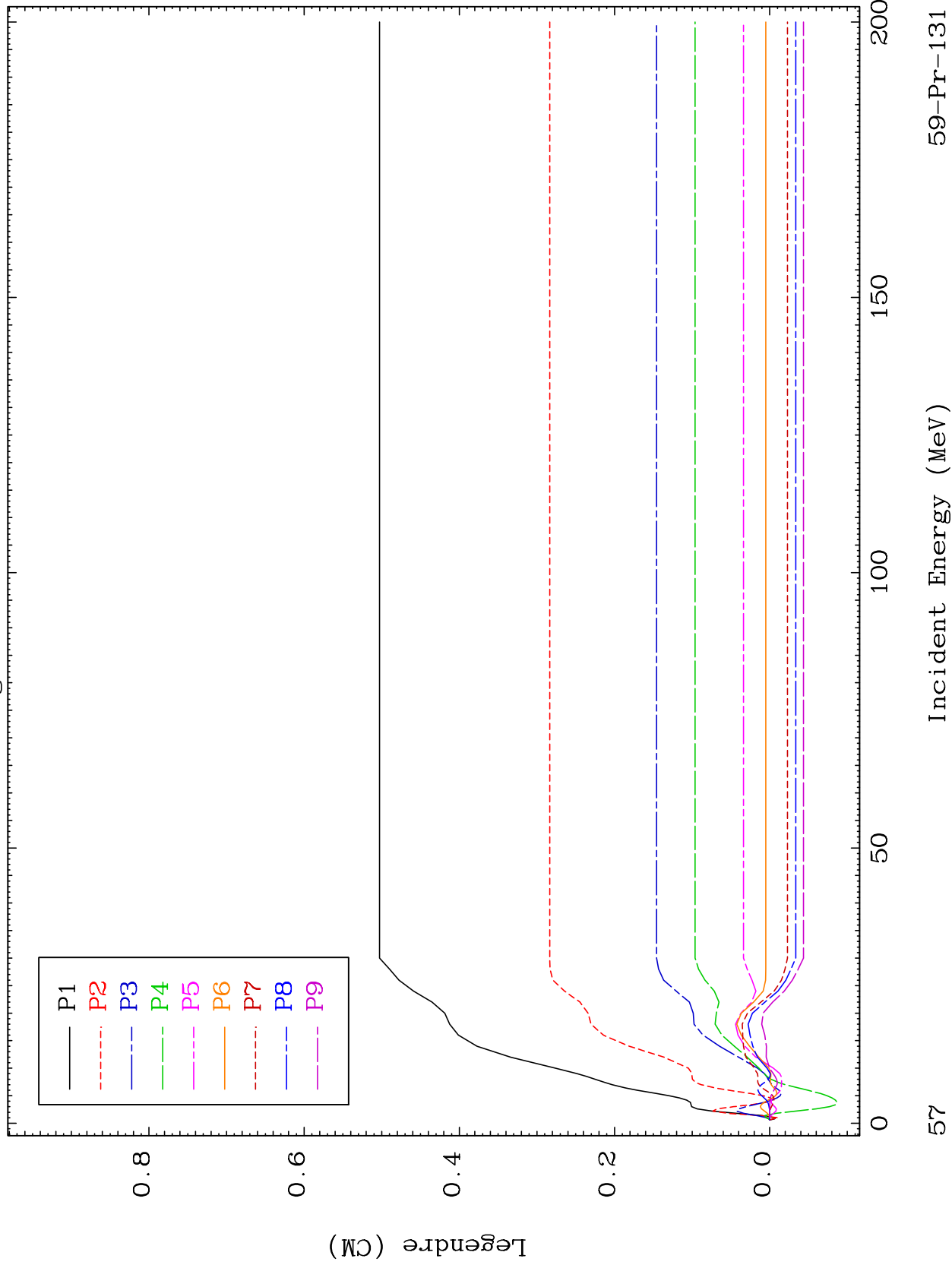
59-Pr-131



MAT 5895

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

59-Pr-131



57

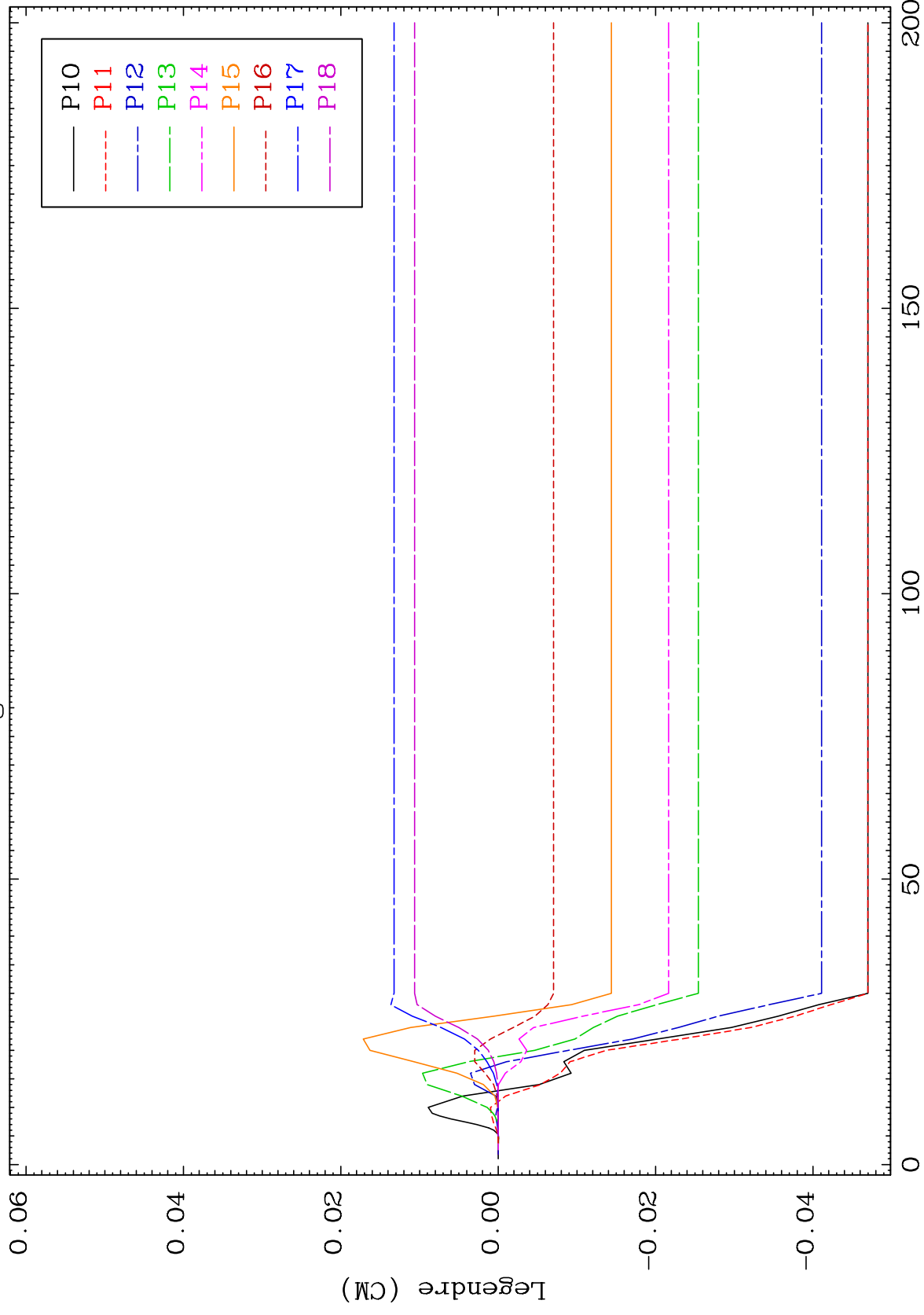
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

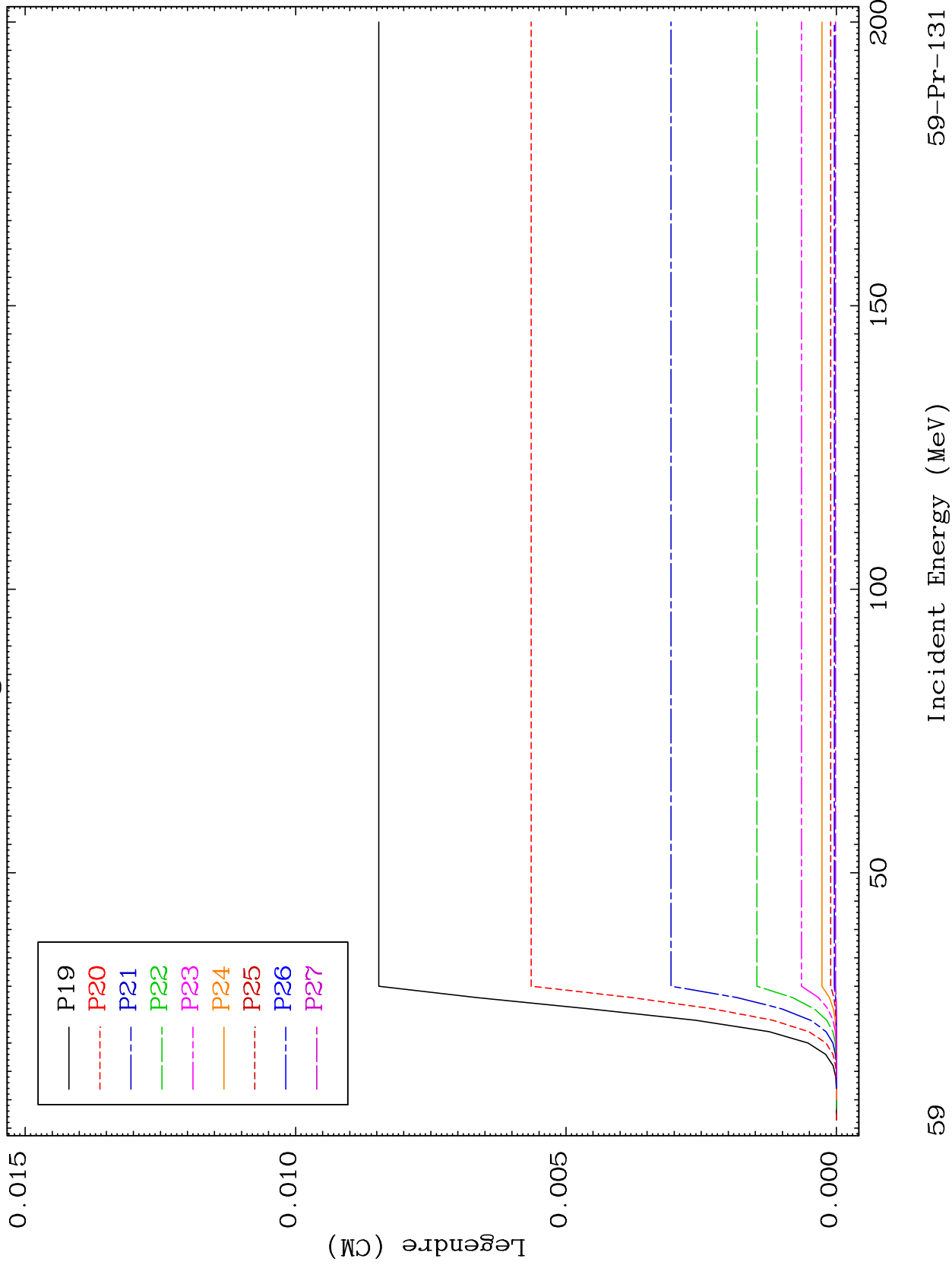
Incident Energy (MeV)

58

MAT 5895

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

59-Pr-131



59

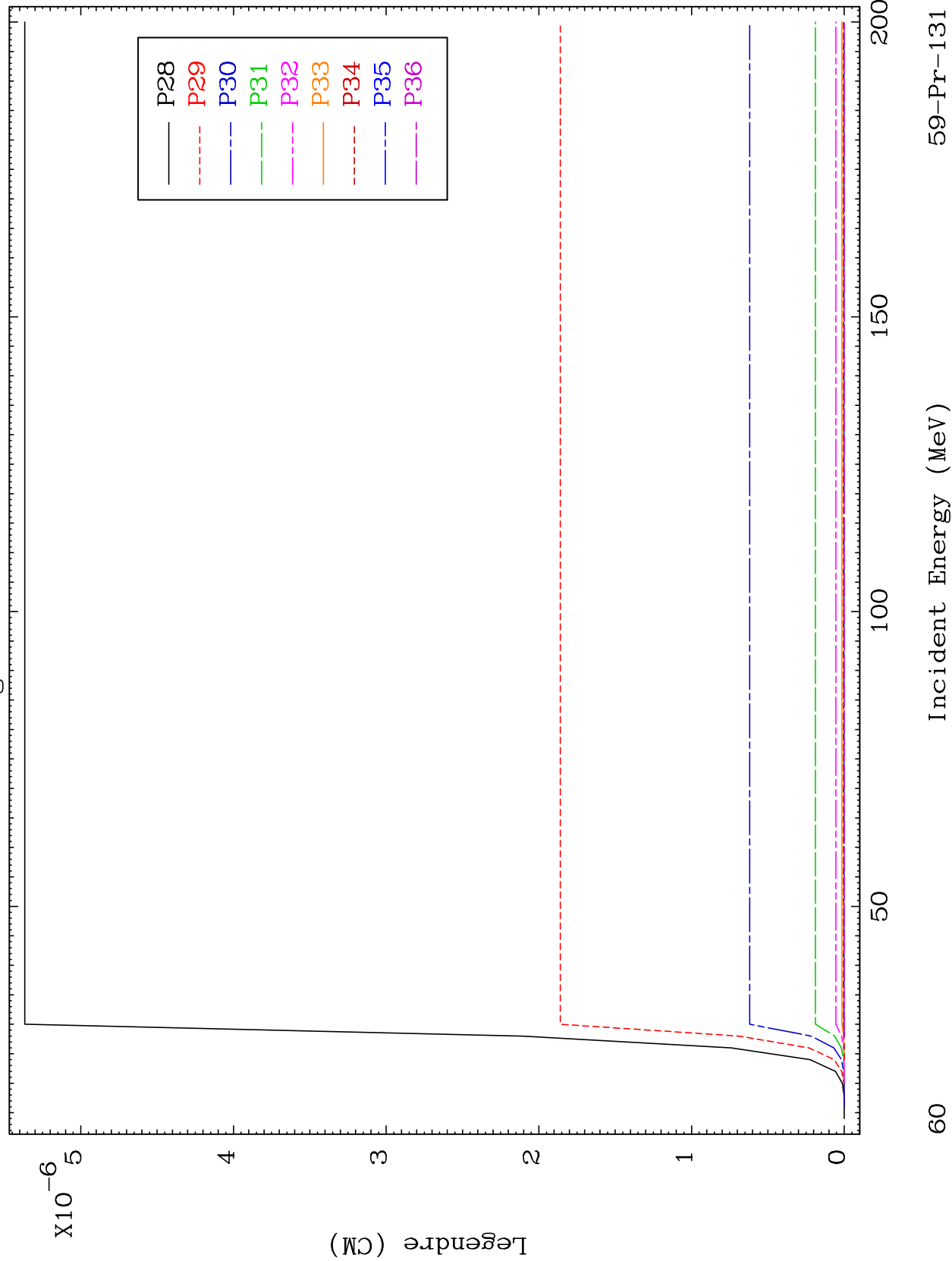
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131

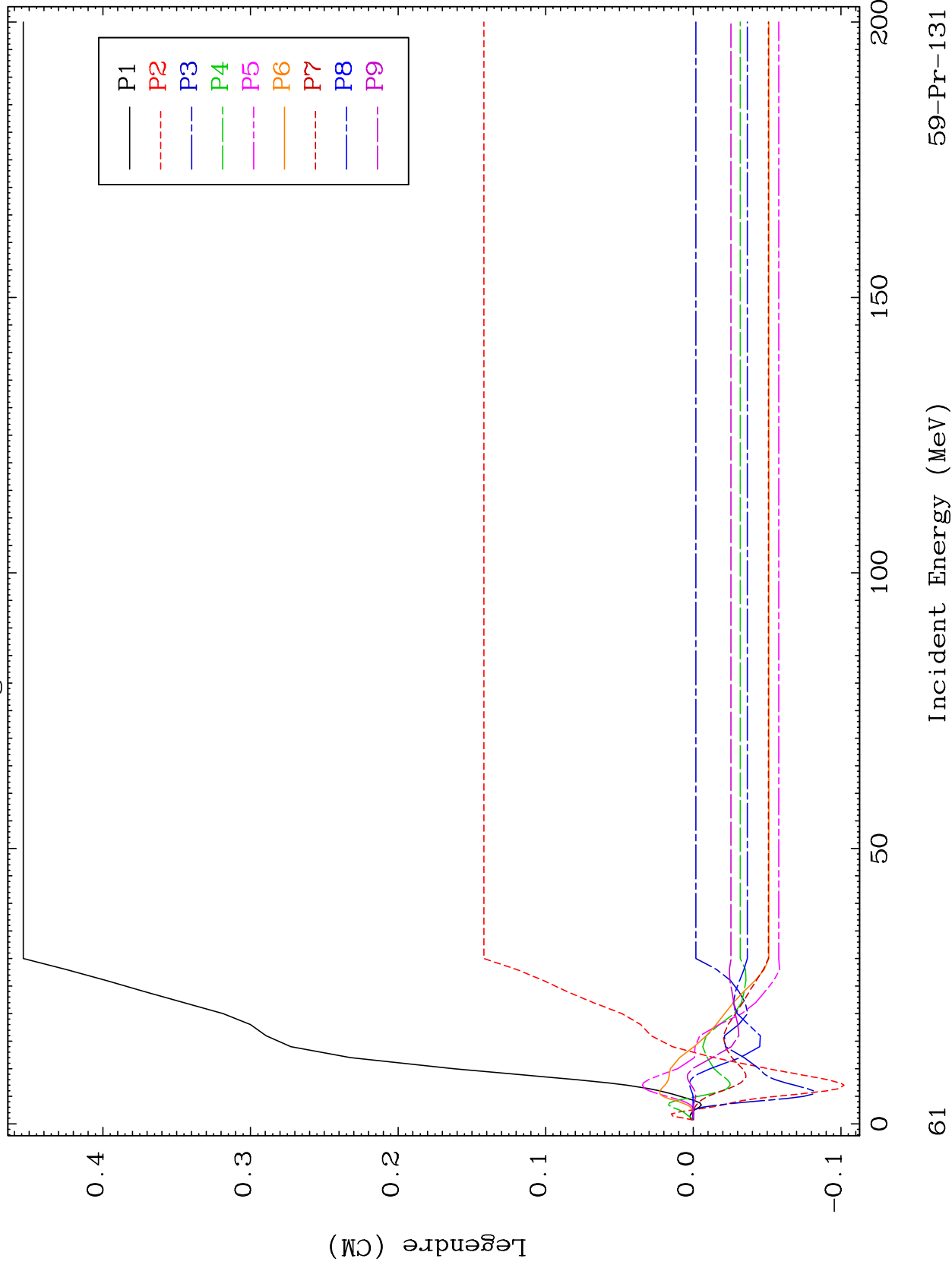


59-Pr-131

MAT 5895

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

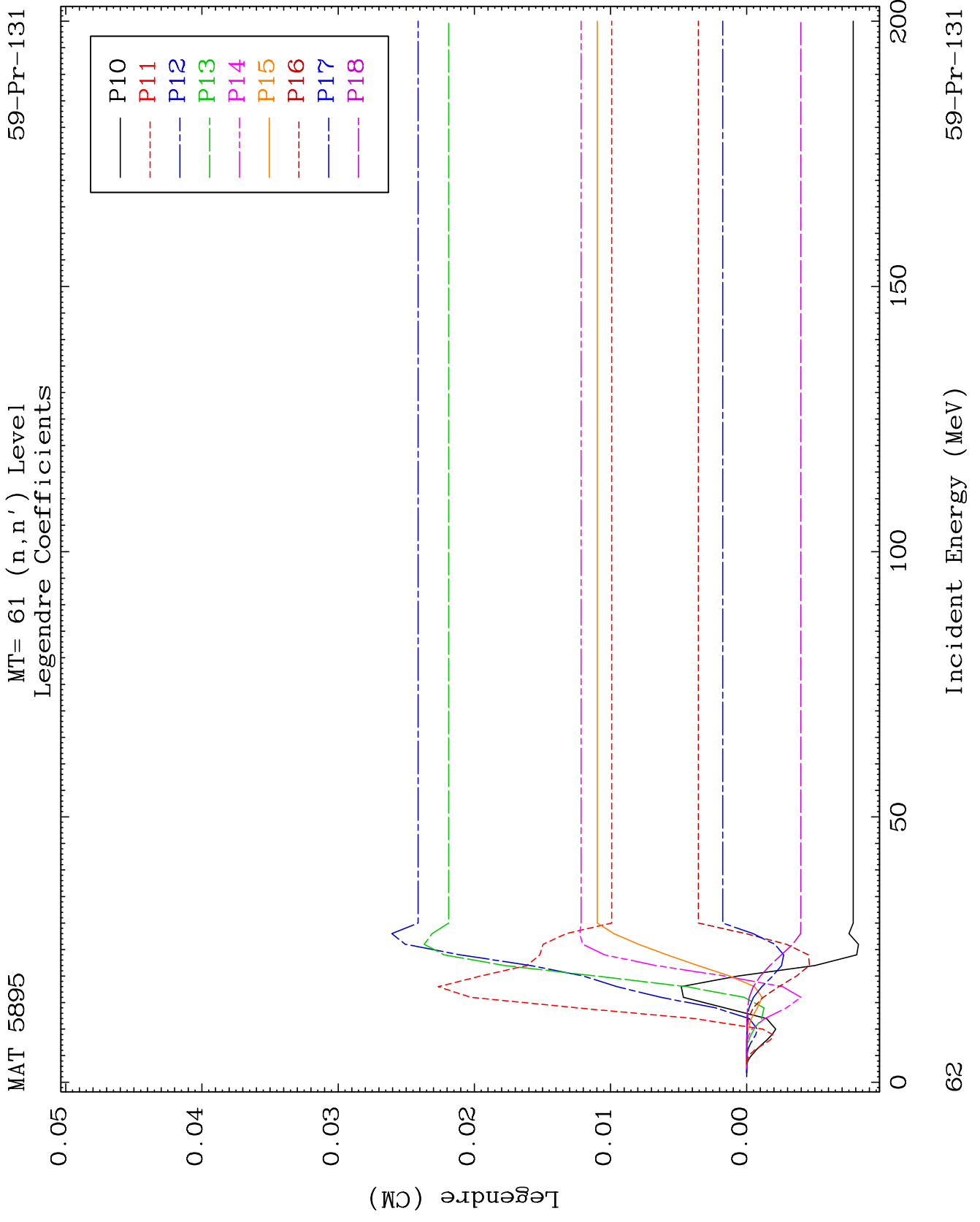
59-Pr-131



59-Pr-131

Incident Energy (MeV)

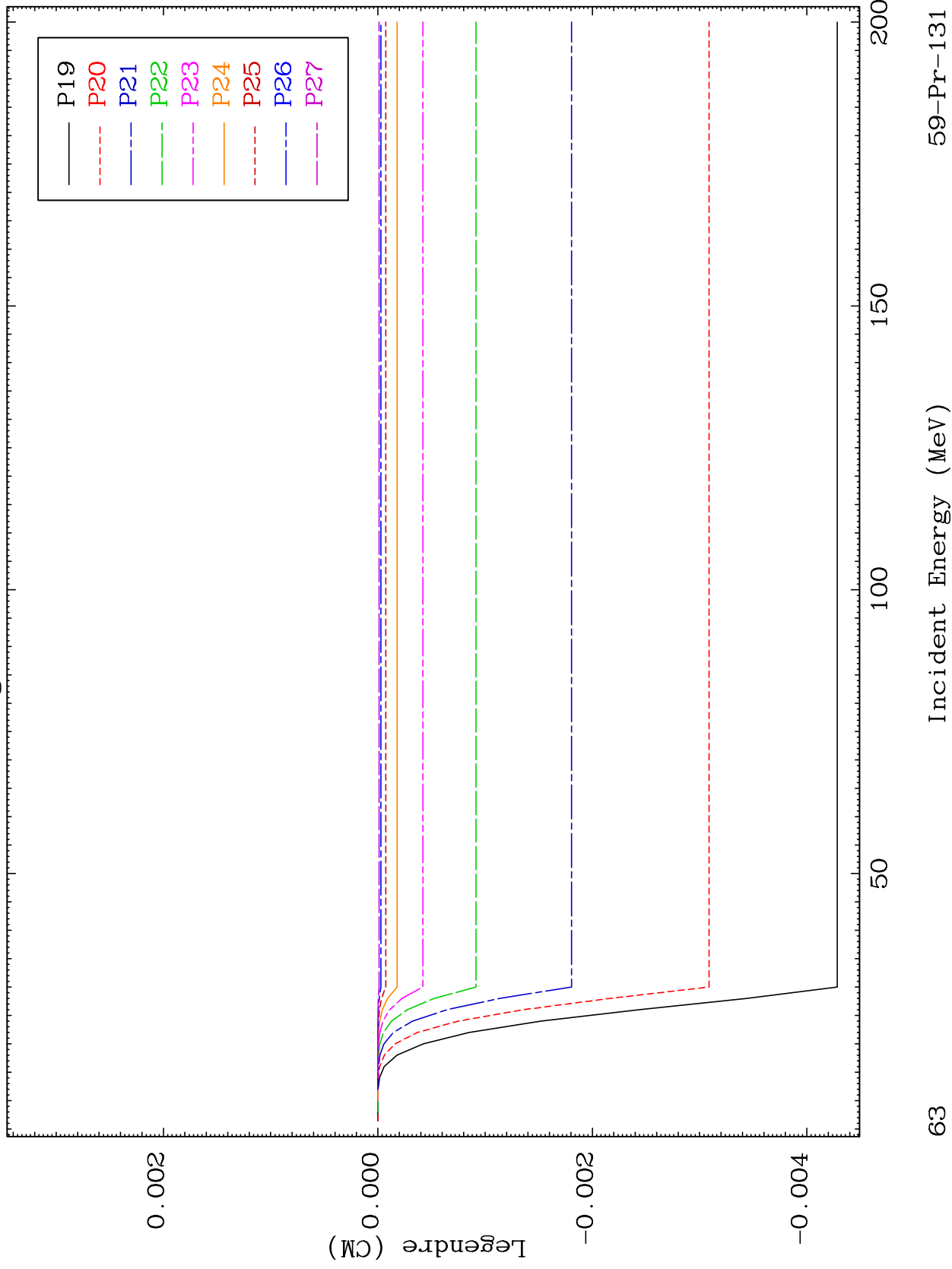
61



MAT 5895

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

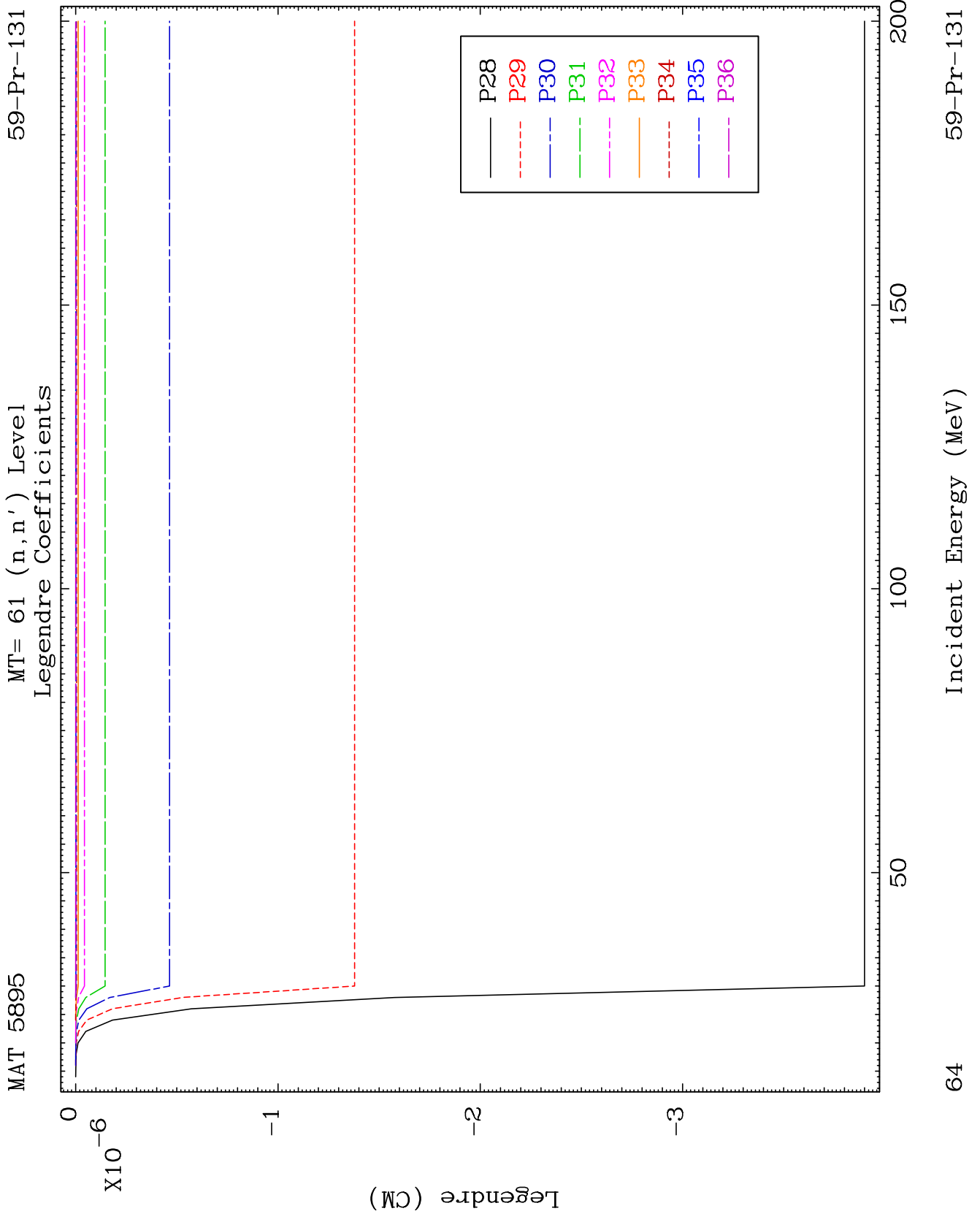
59-Pr-131



63

Incident Energy (MeV)

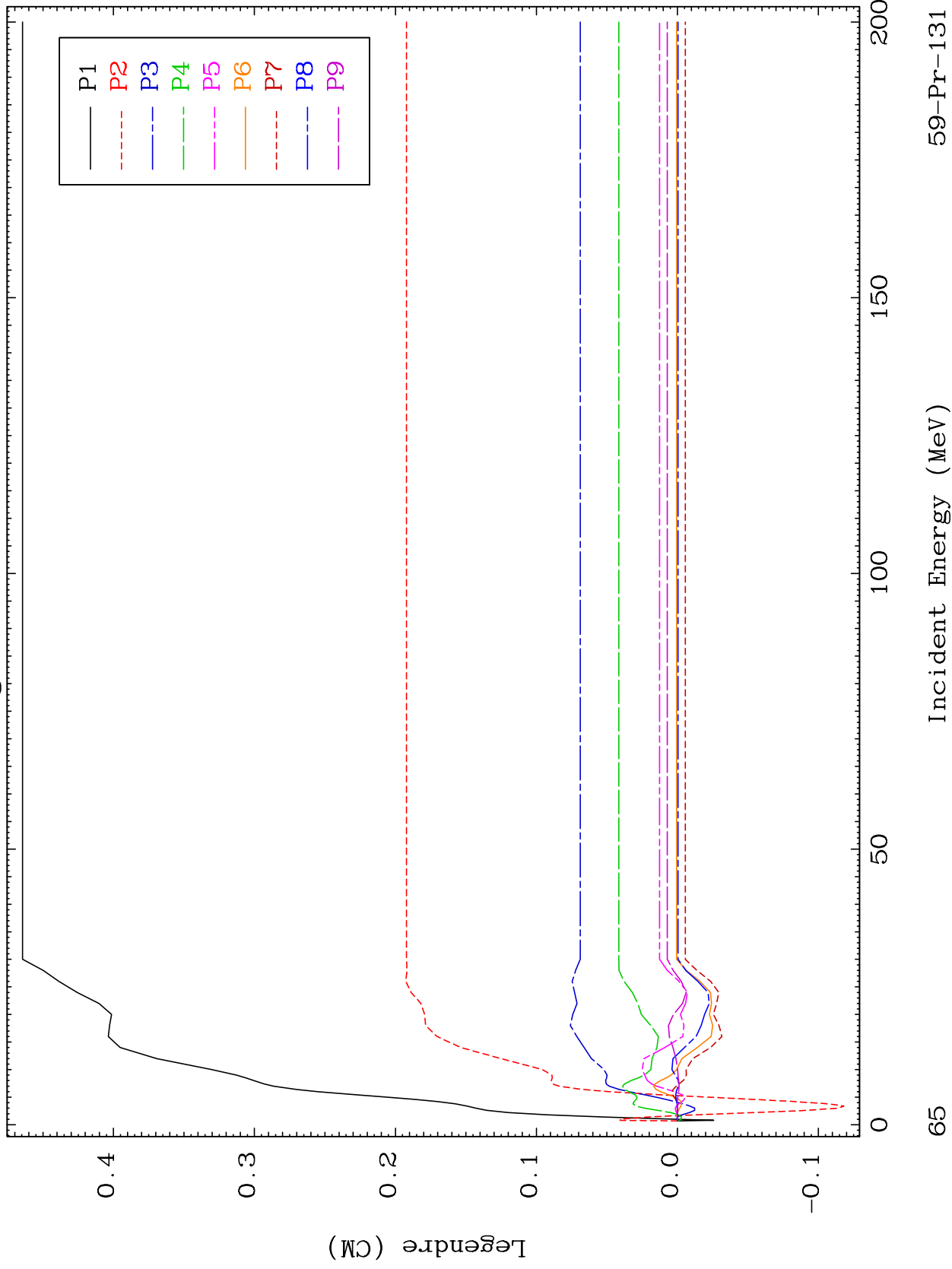
59-Pr-131



MAT 5895

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

59-Pr-131



59-Pr-131

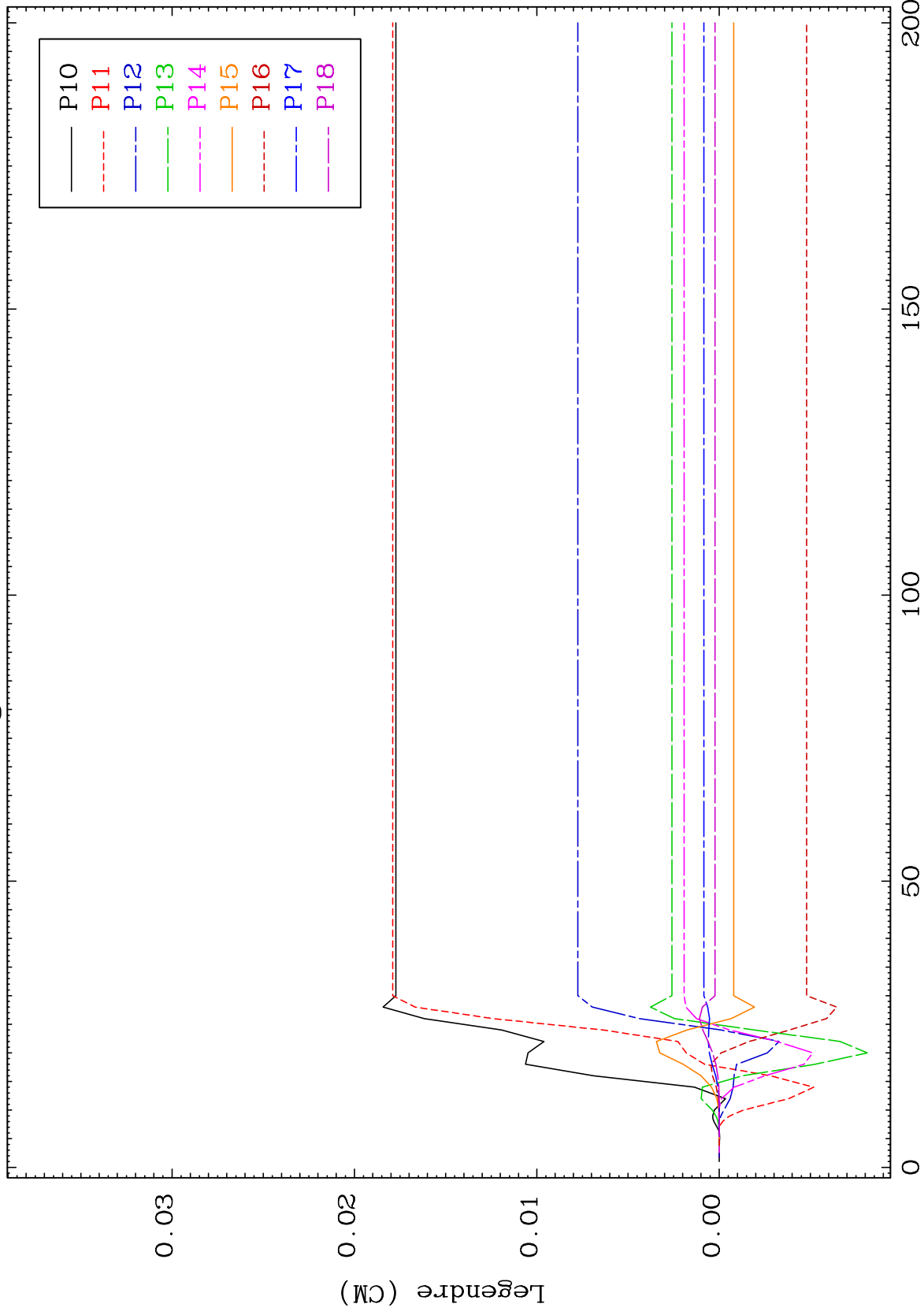
Incident Energy (MeV)

65

MAT 5895

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

59-Pr-131



66

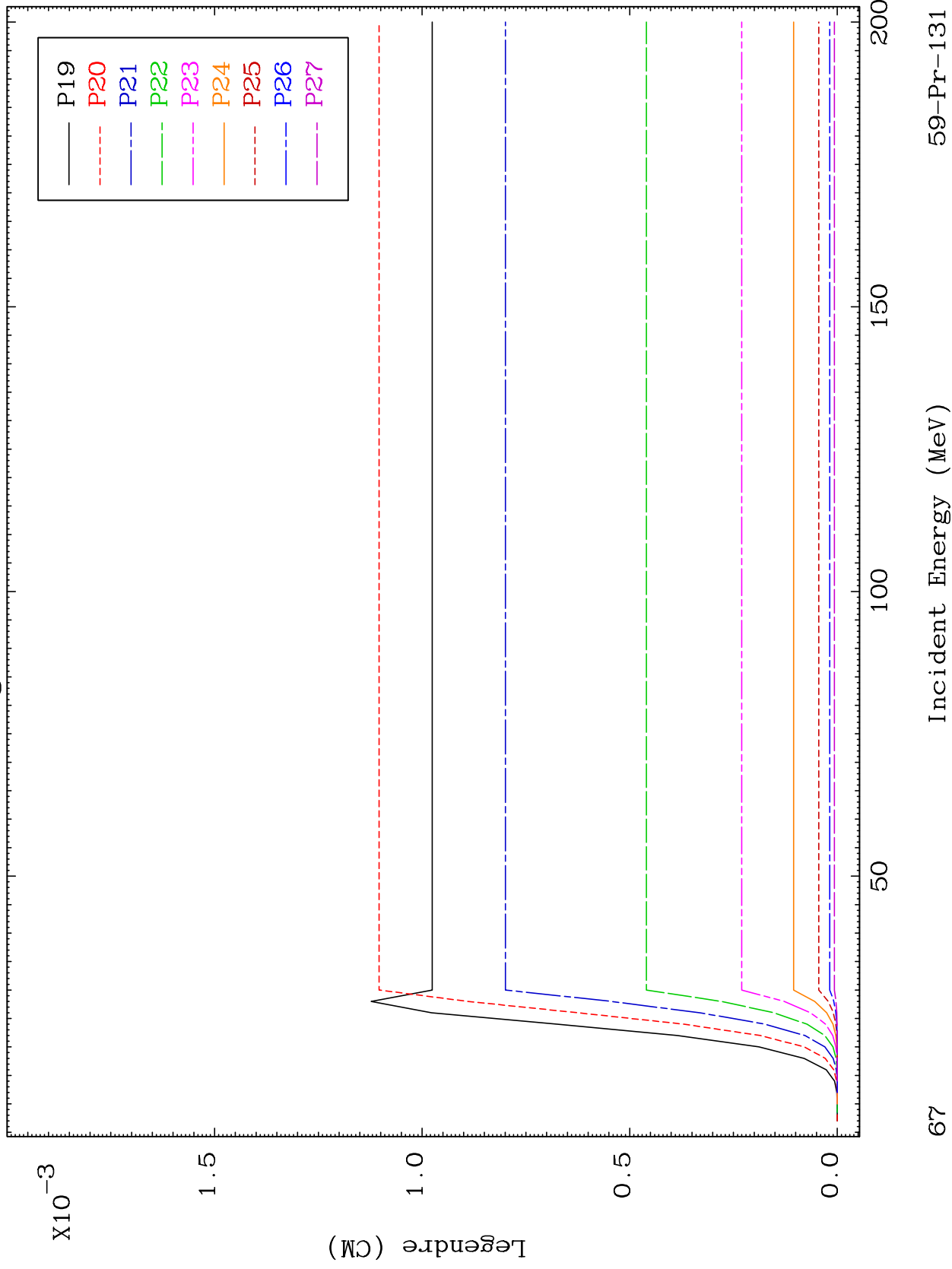
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

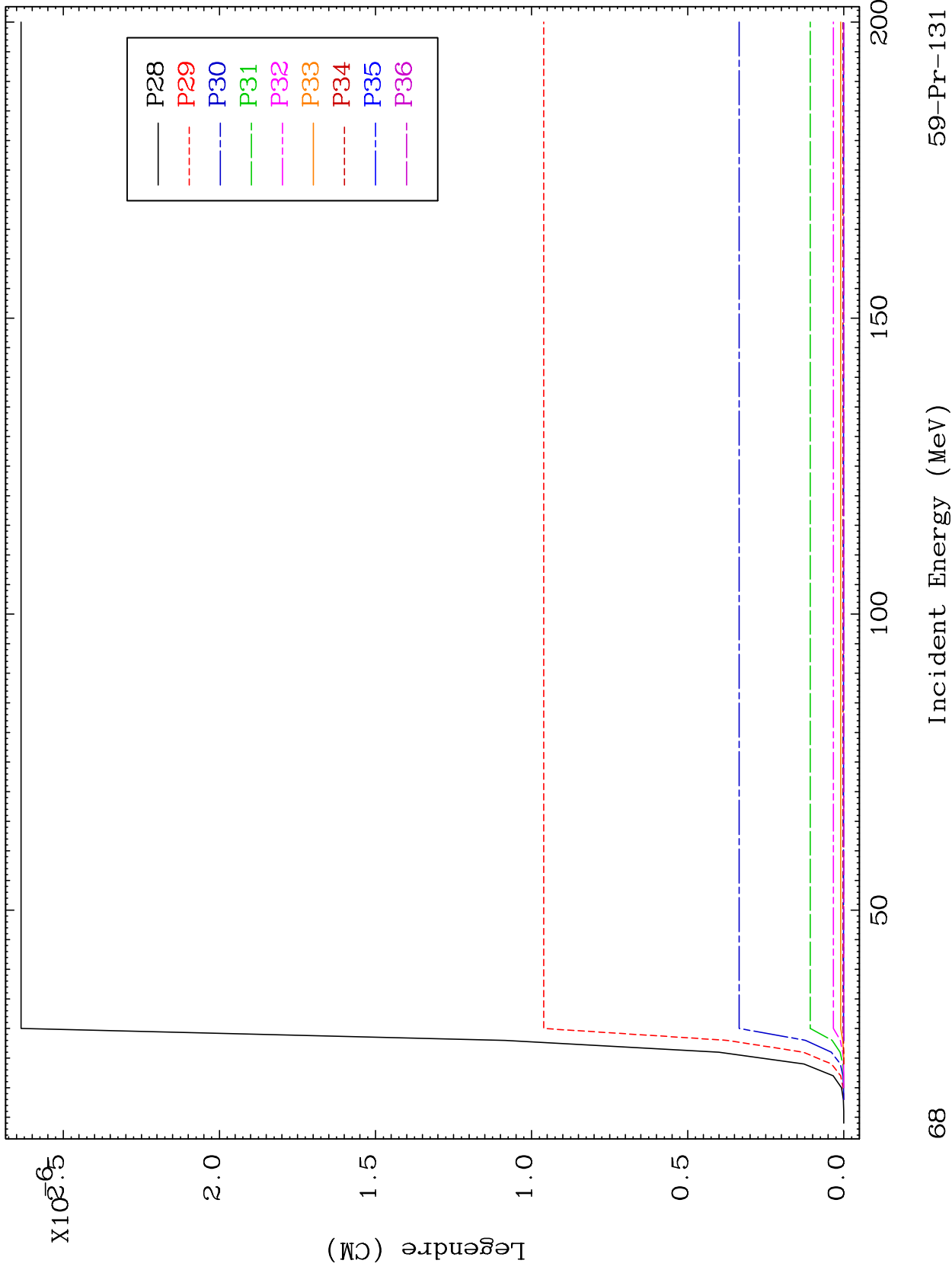
59-Pr-131



MAT 5895

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

59-Pr-131



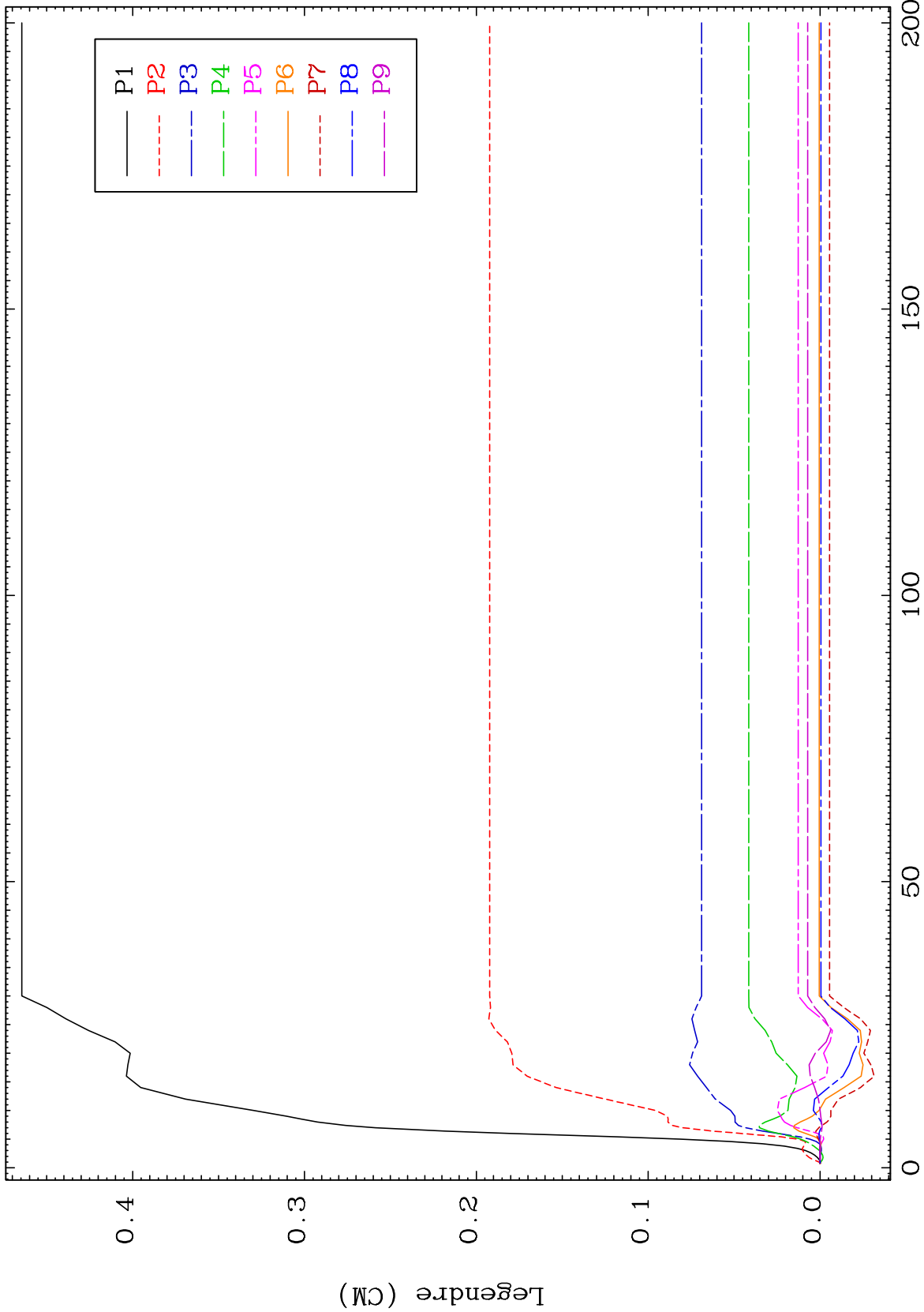
68

59-Pr-131

MAT 5895

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

59-Pr-131



69

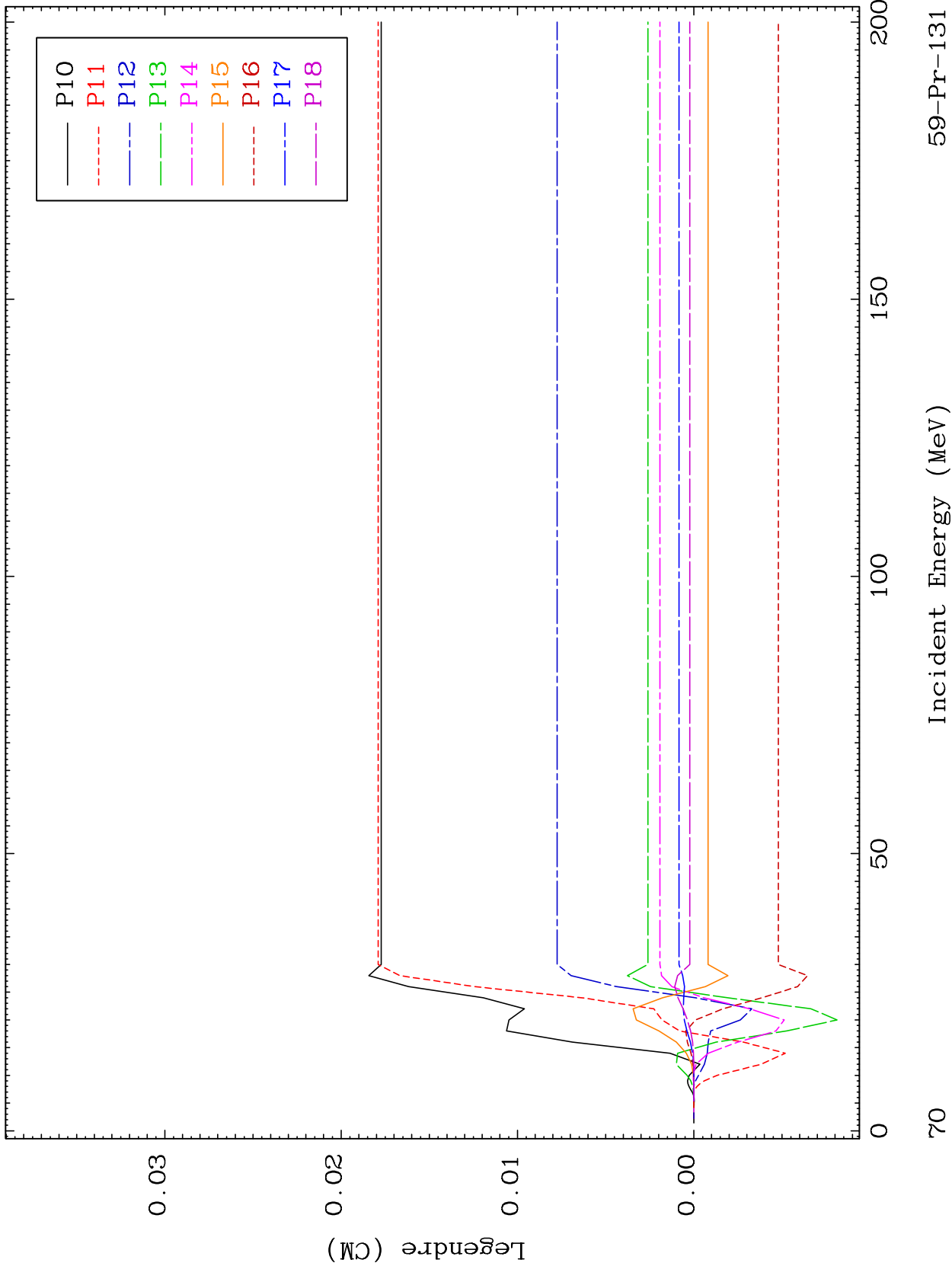
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

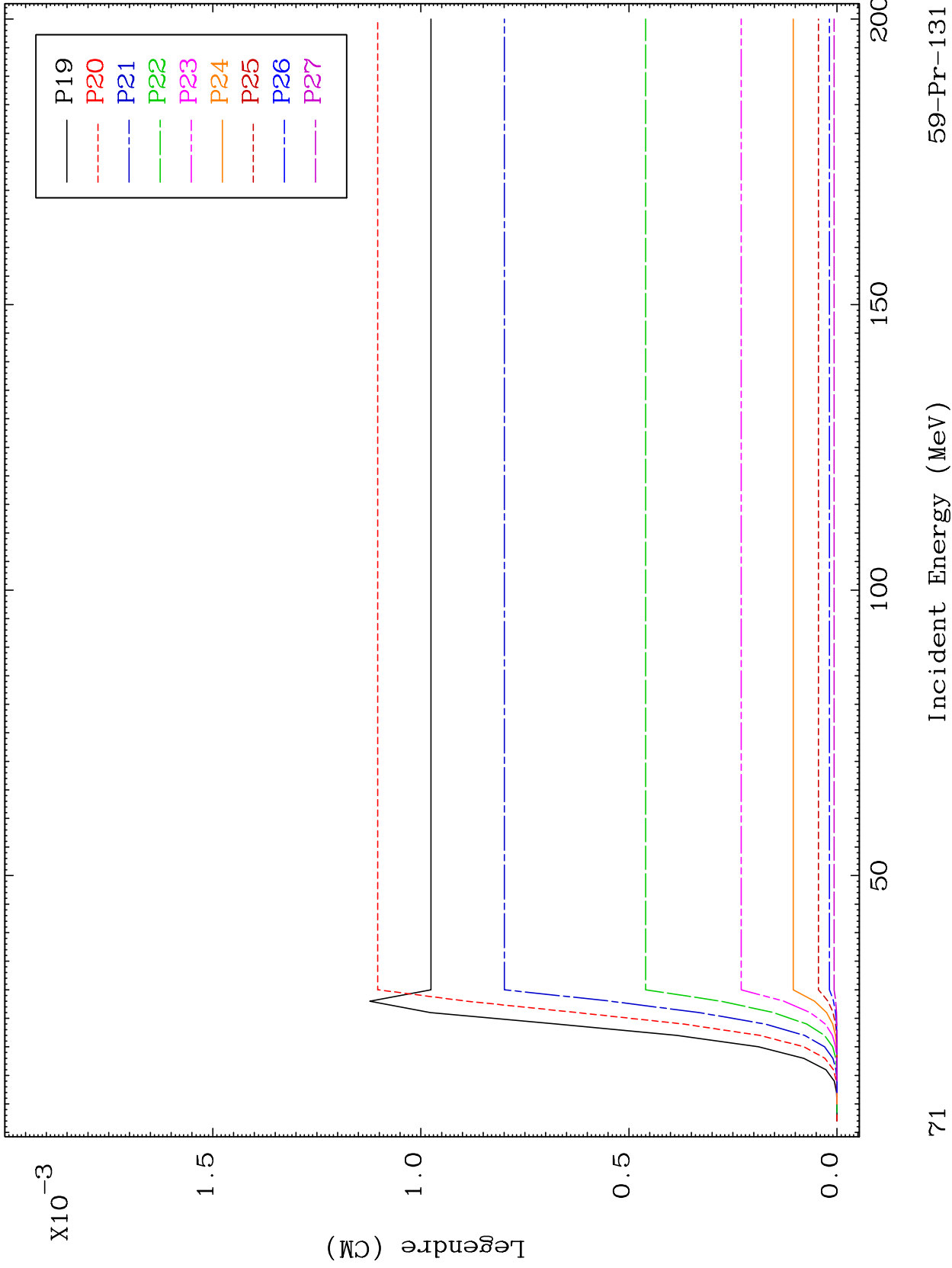
Incident Energy (MeV)

70

MAT 5895

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

59-Pr-131



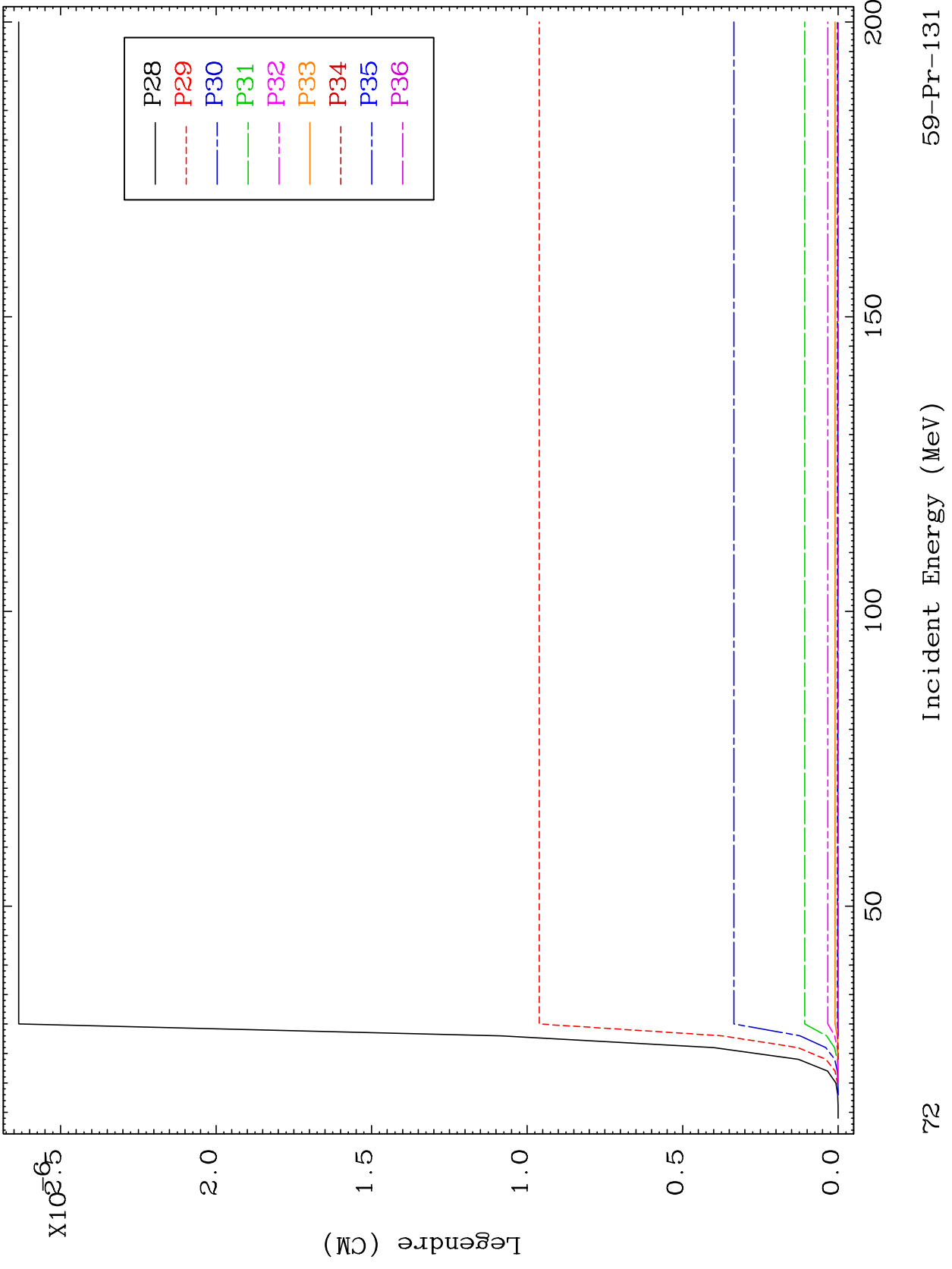
71

59-Pr-131

MAT 5895

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

59-Pr-131



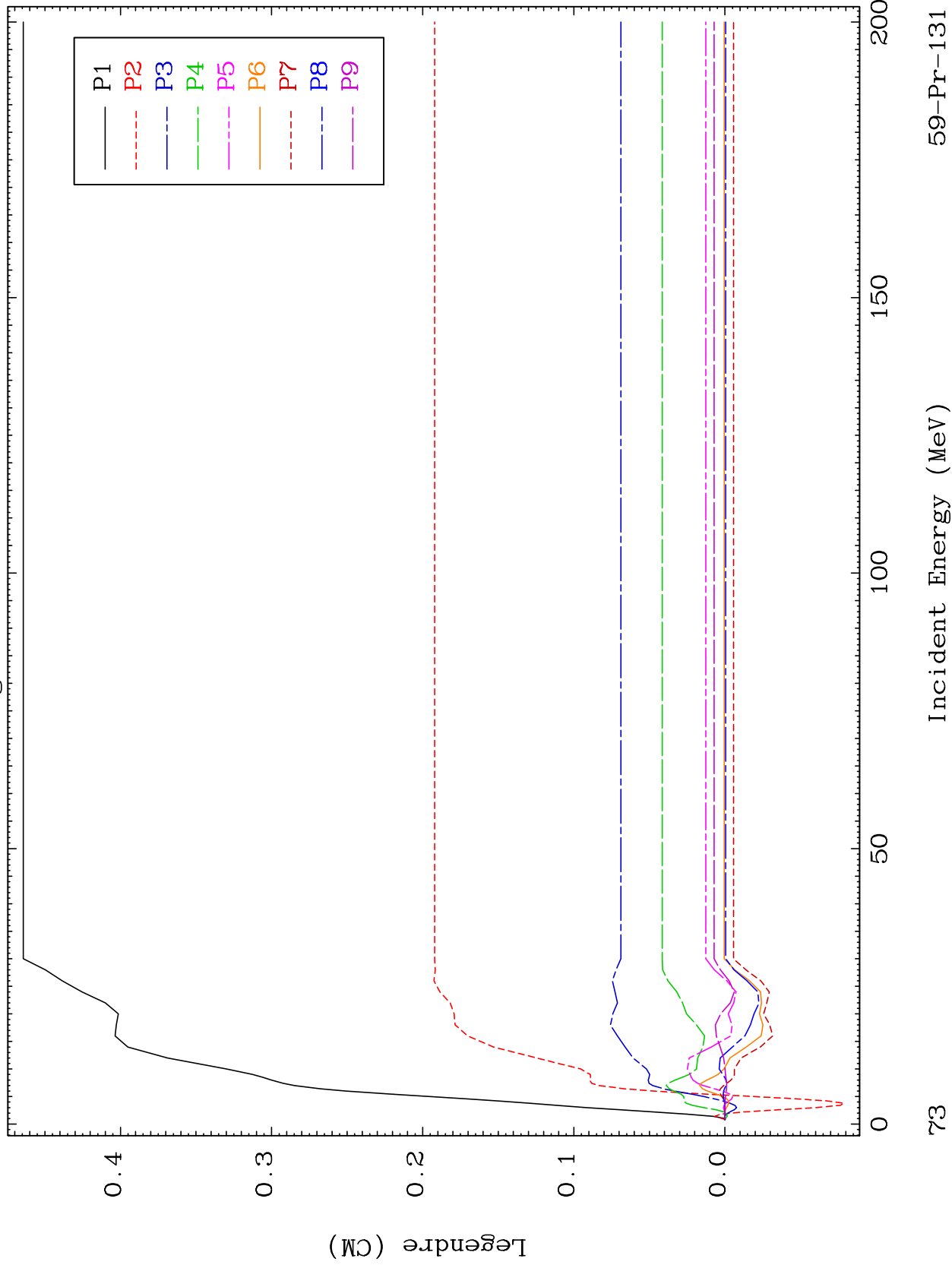
72

59-Pr-131

MAT 5895

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

59-Pr-131

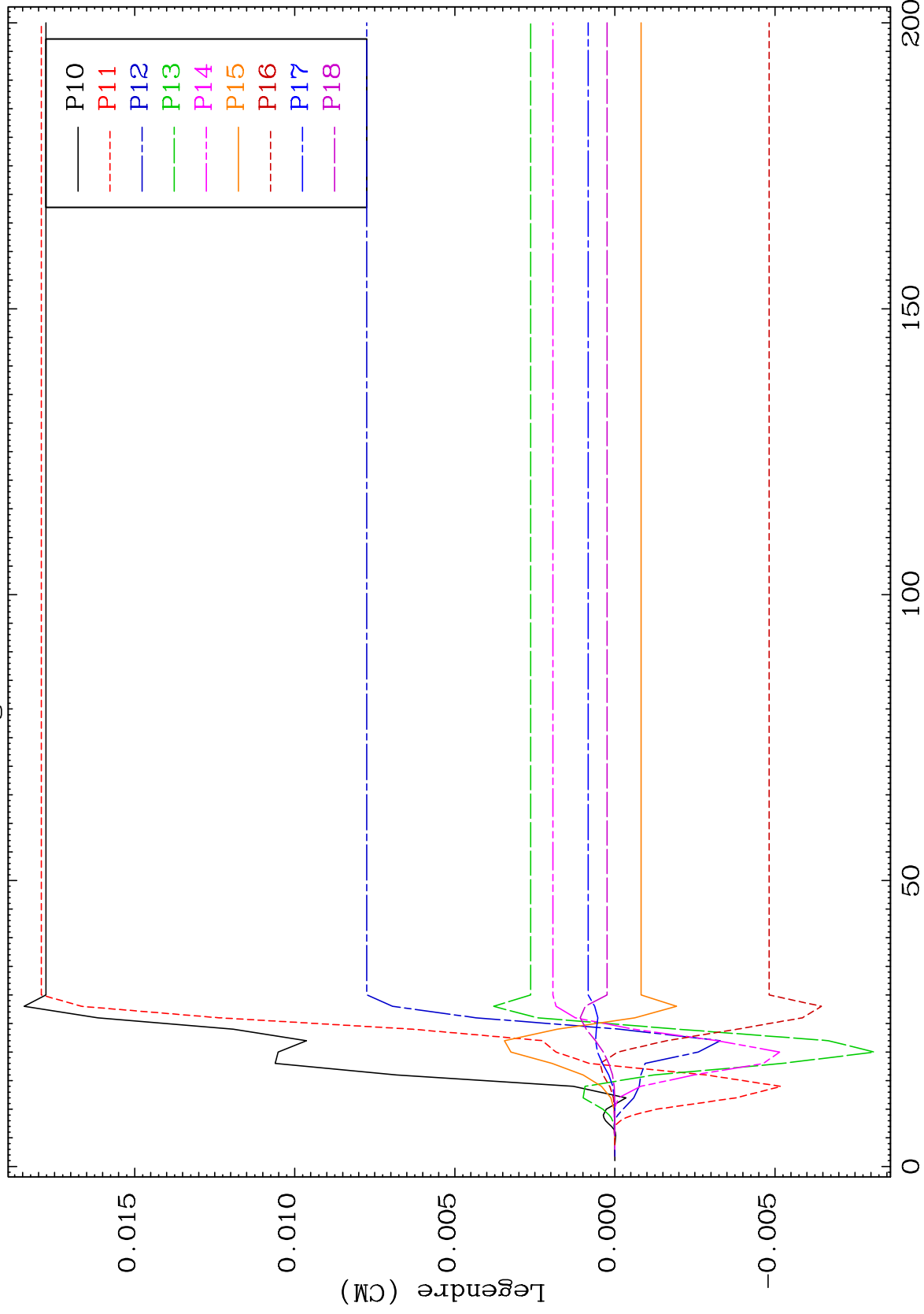


59-Pr-131

MAT 5895

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

59-Pr-131



74

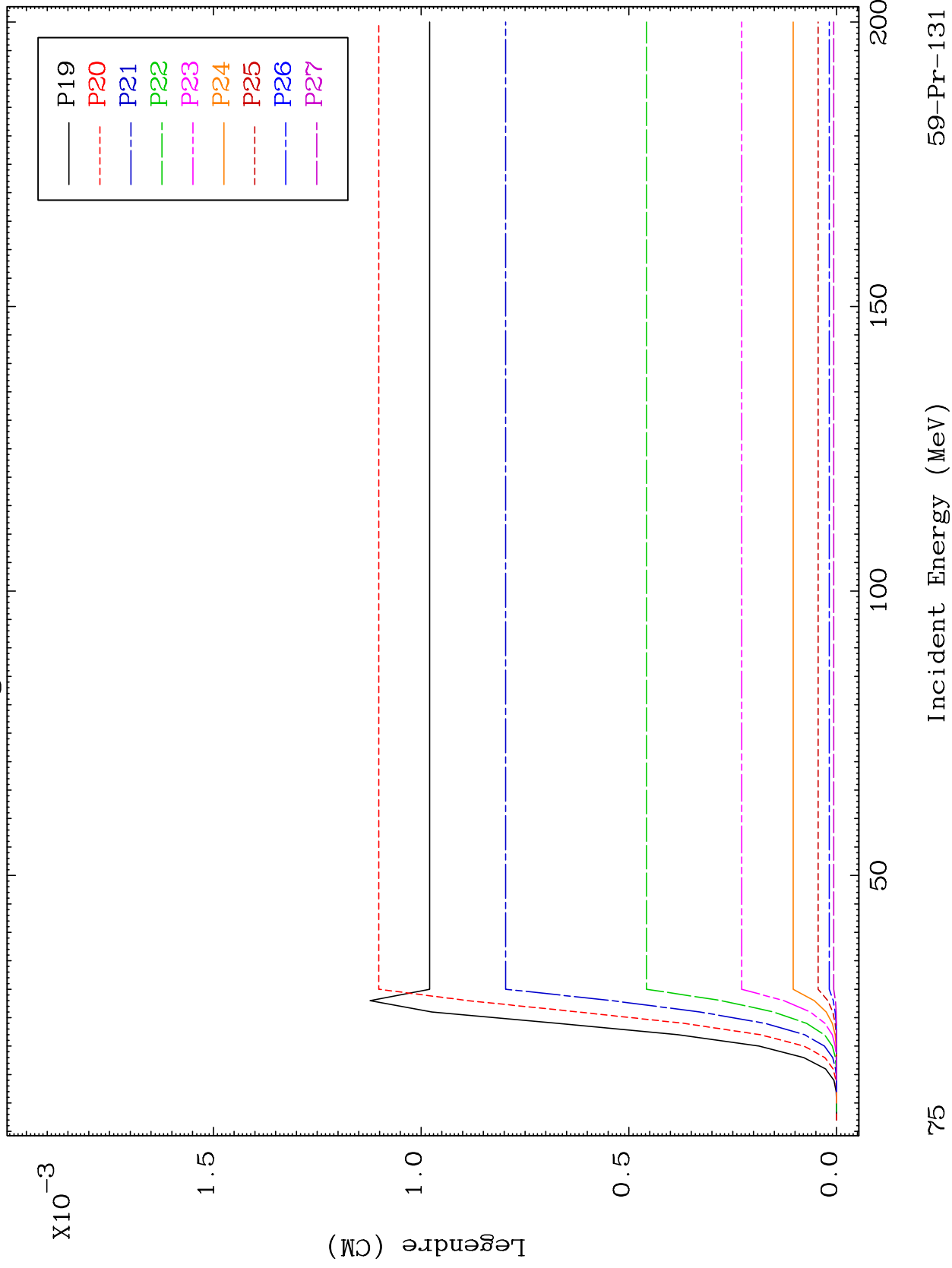
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

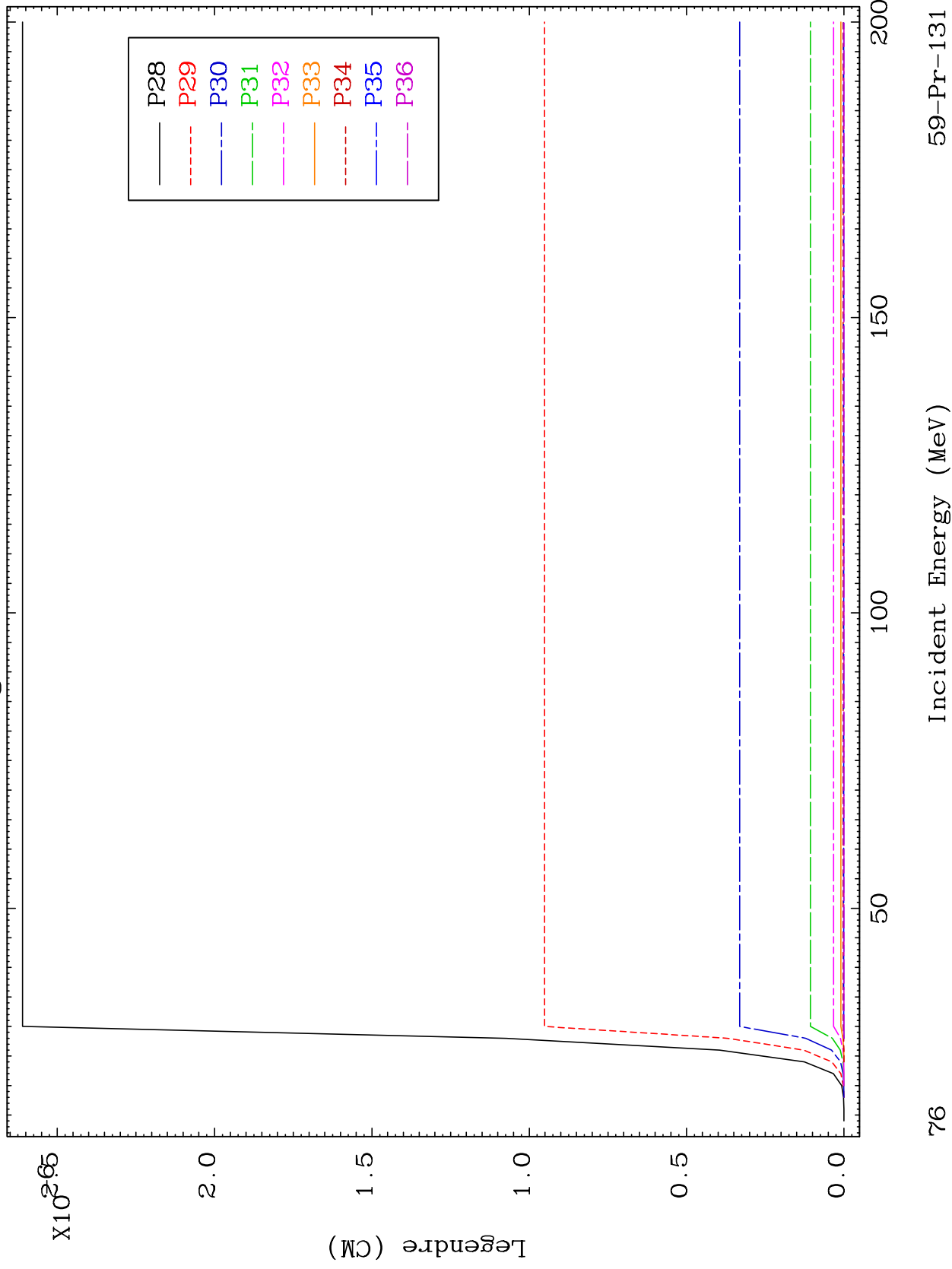
59-Pr-131



MAT 5895

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

59-Pr-131



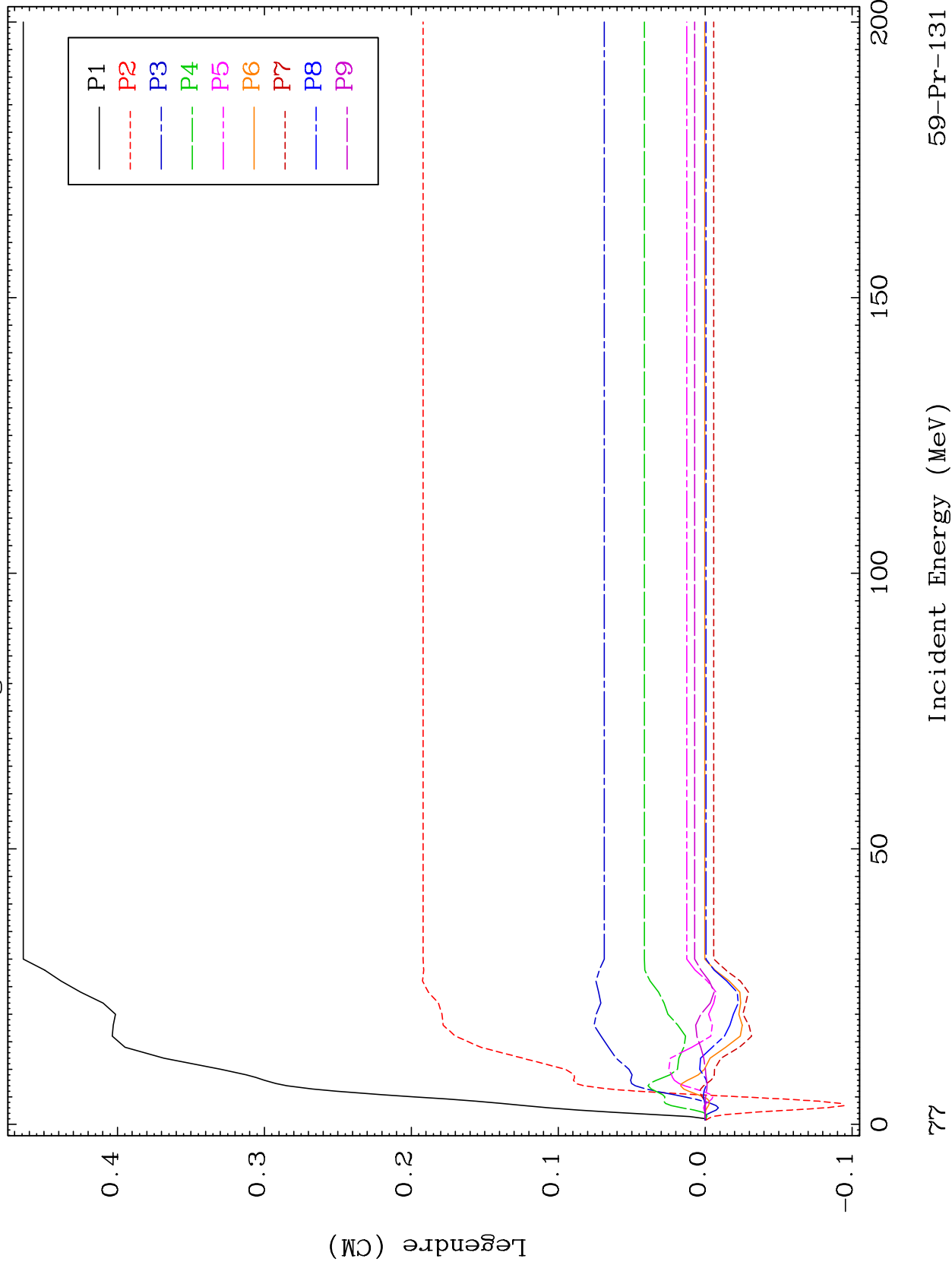
76

59-Pr-131

MAT 5895

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

59-Pr-131



59-Pr-131

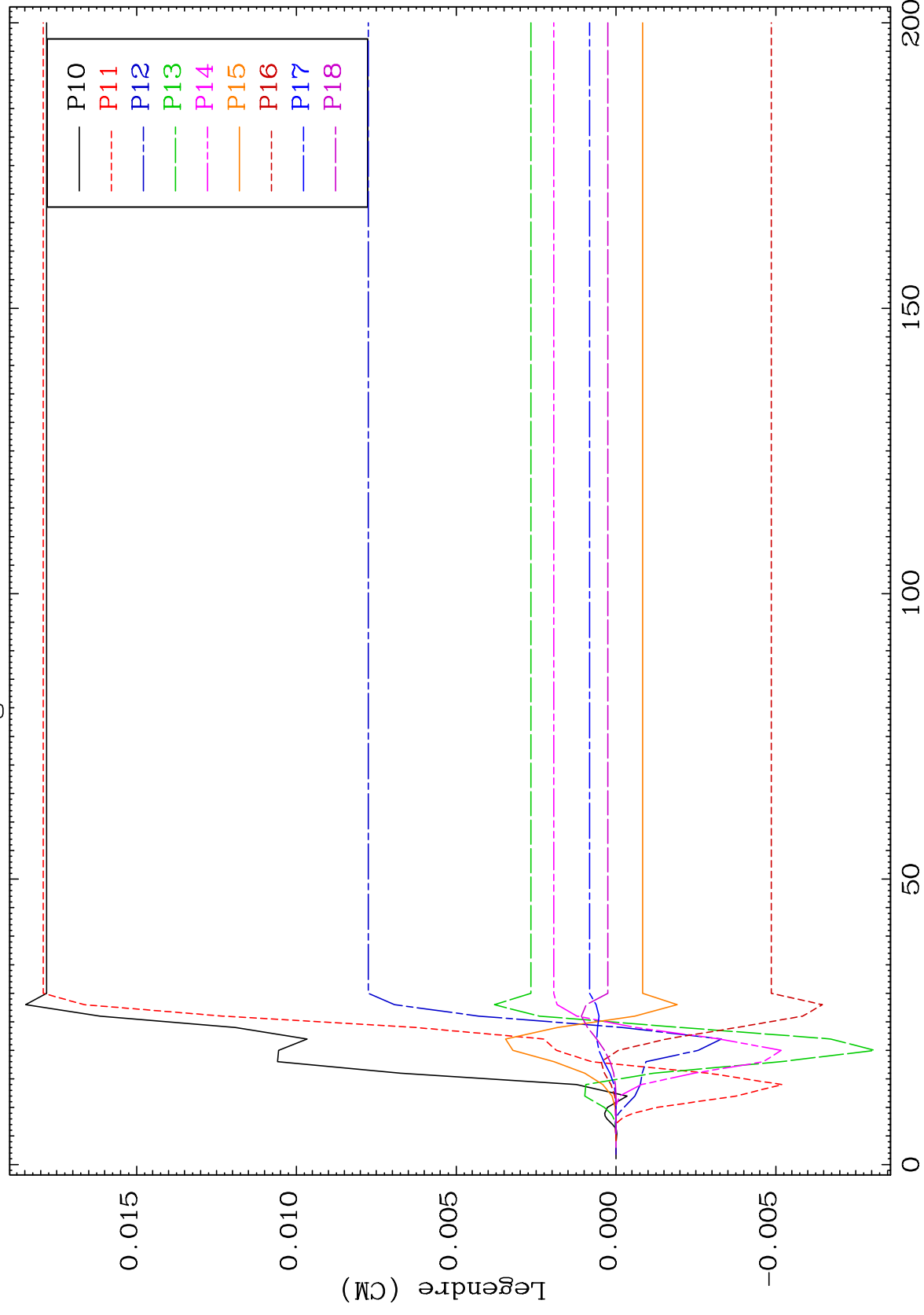
Incident Energy (MeV)

77

MAT 5895

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

59-Pr-131



78

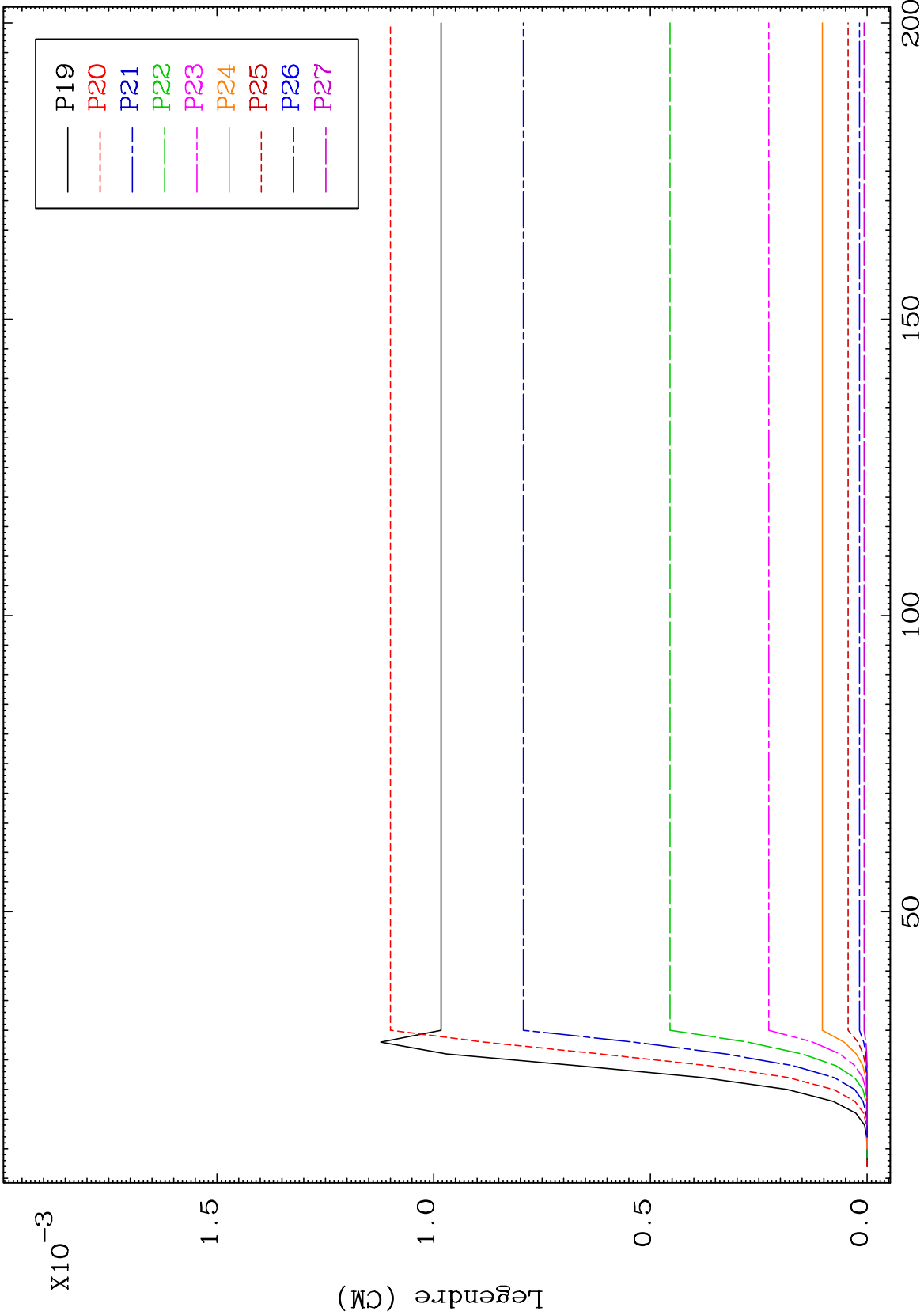
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



79

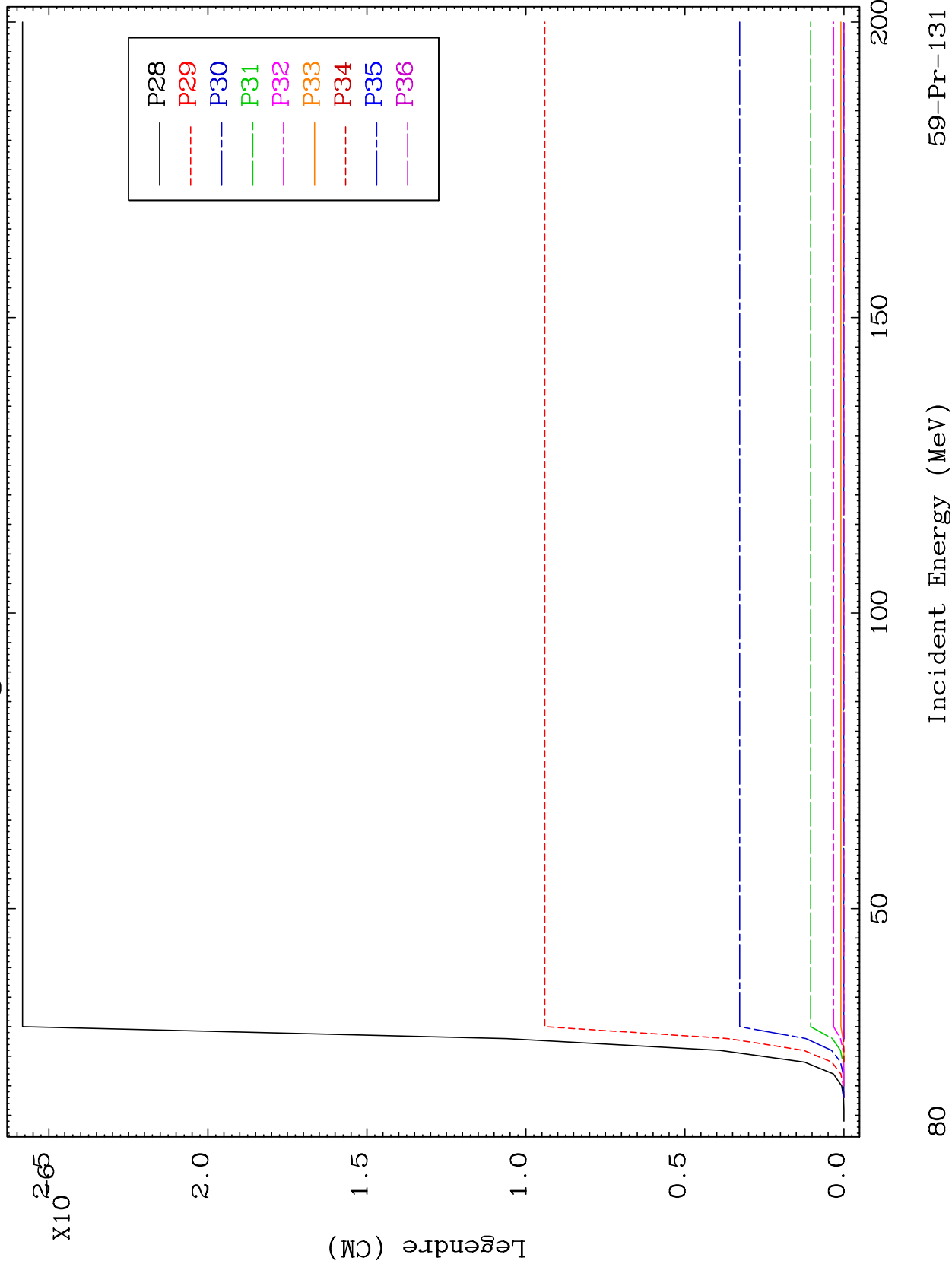
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

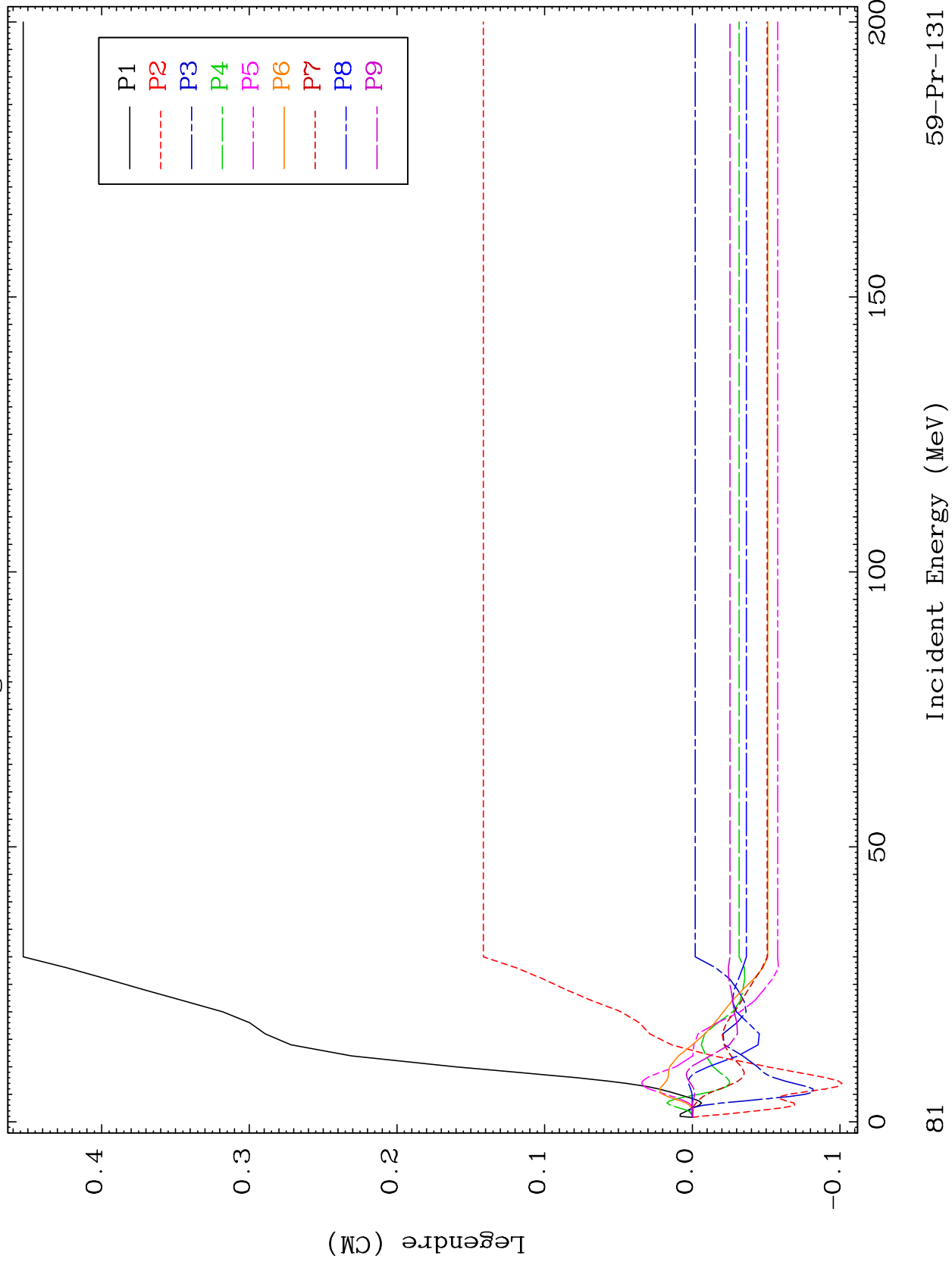
59-Pr-131



MAT 5895

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

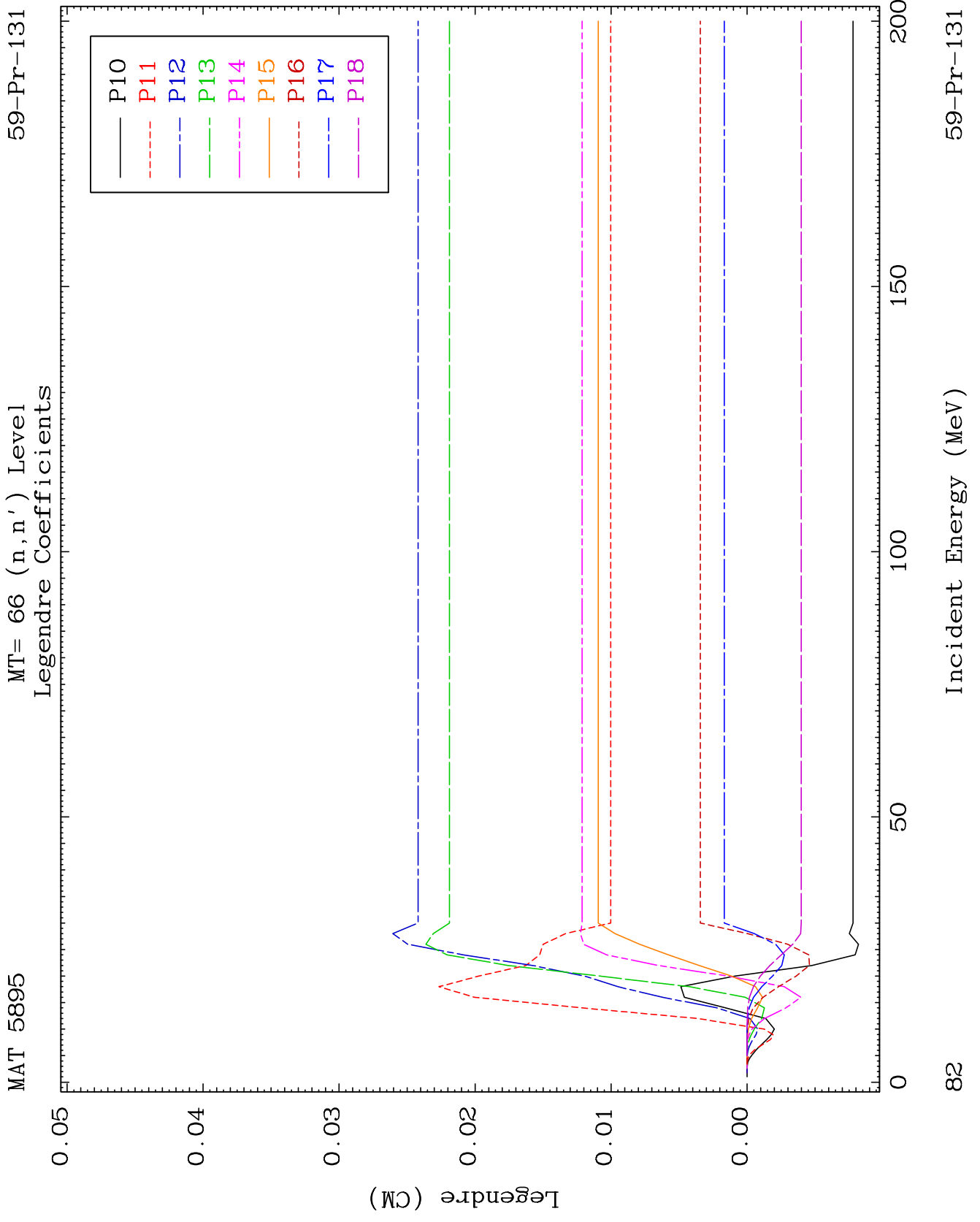
59-Pr-131



59-Pr-131

Incident Energy (MeV)

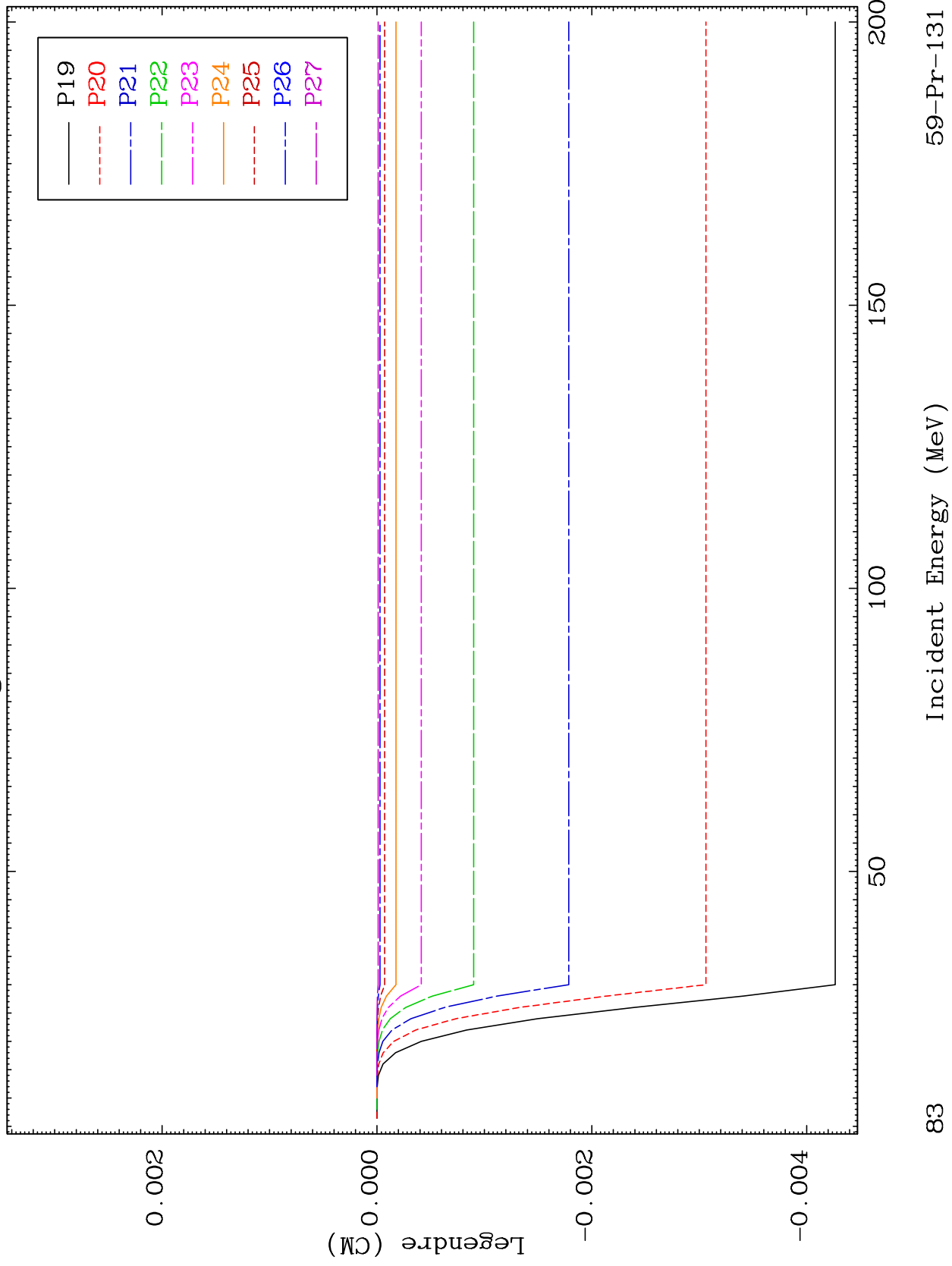
81



MAT 5895

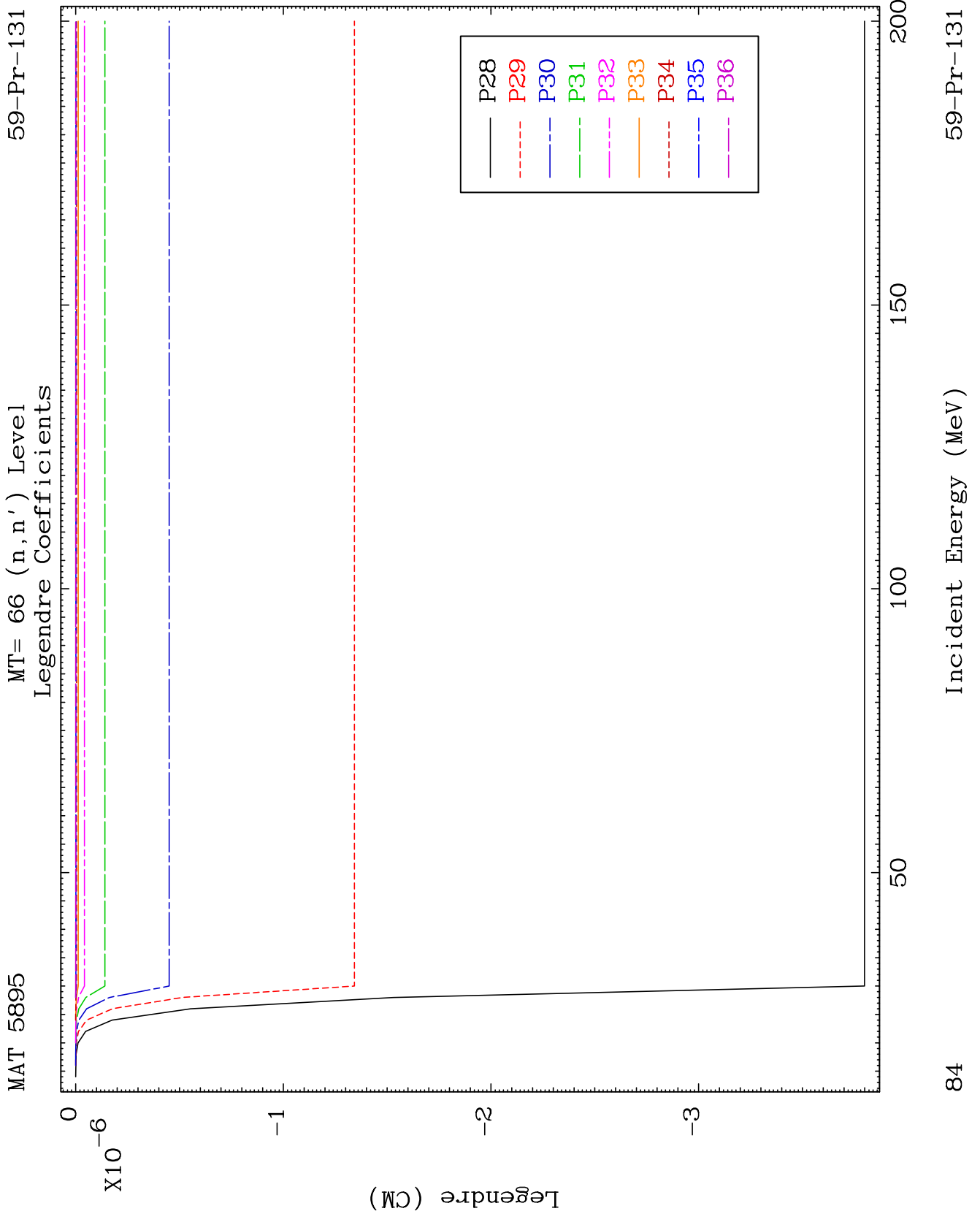
MT= 66 (n,n') Level
Legendre Coefficients

59-Pr-131



83

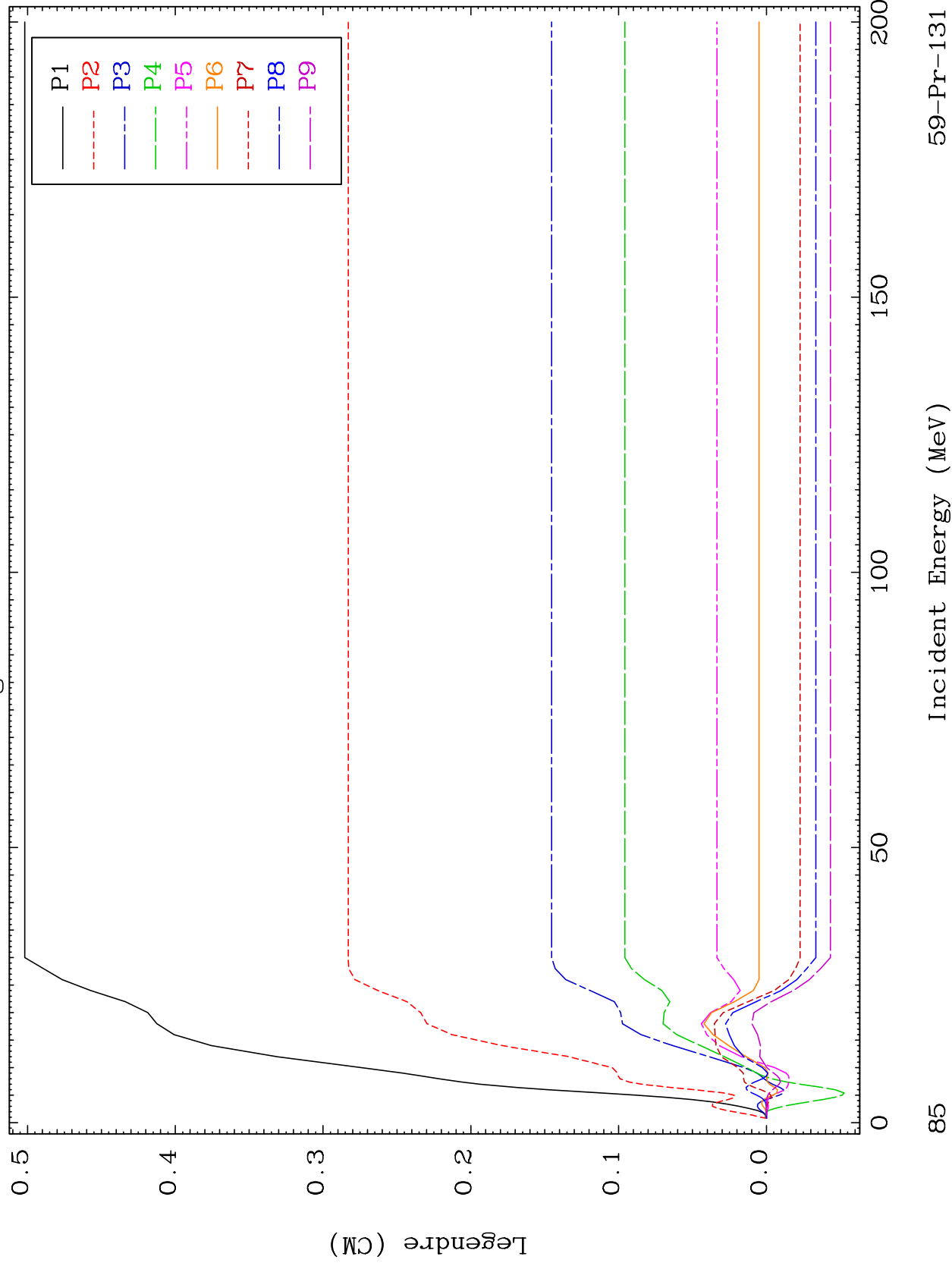
59-Pr-131



MAT 5895

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

59-Pr-131



59-Pr-131

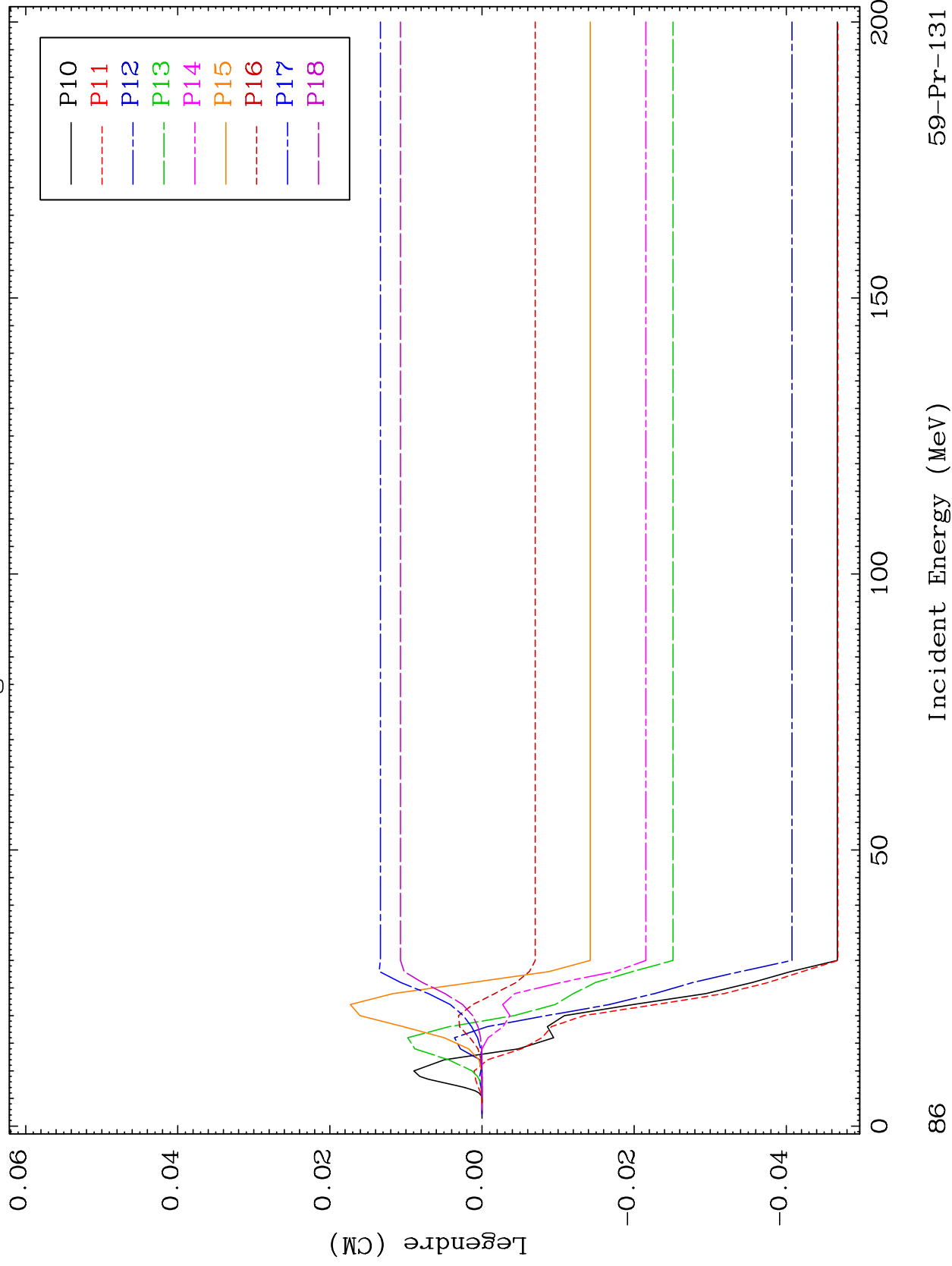
Incident Energy (MeV)

85

MAT 5895

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

59-Pr-131



86

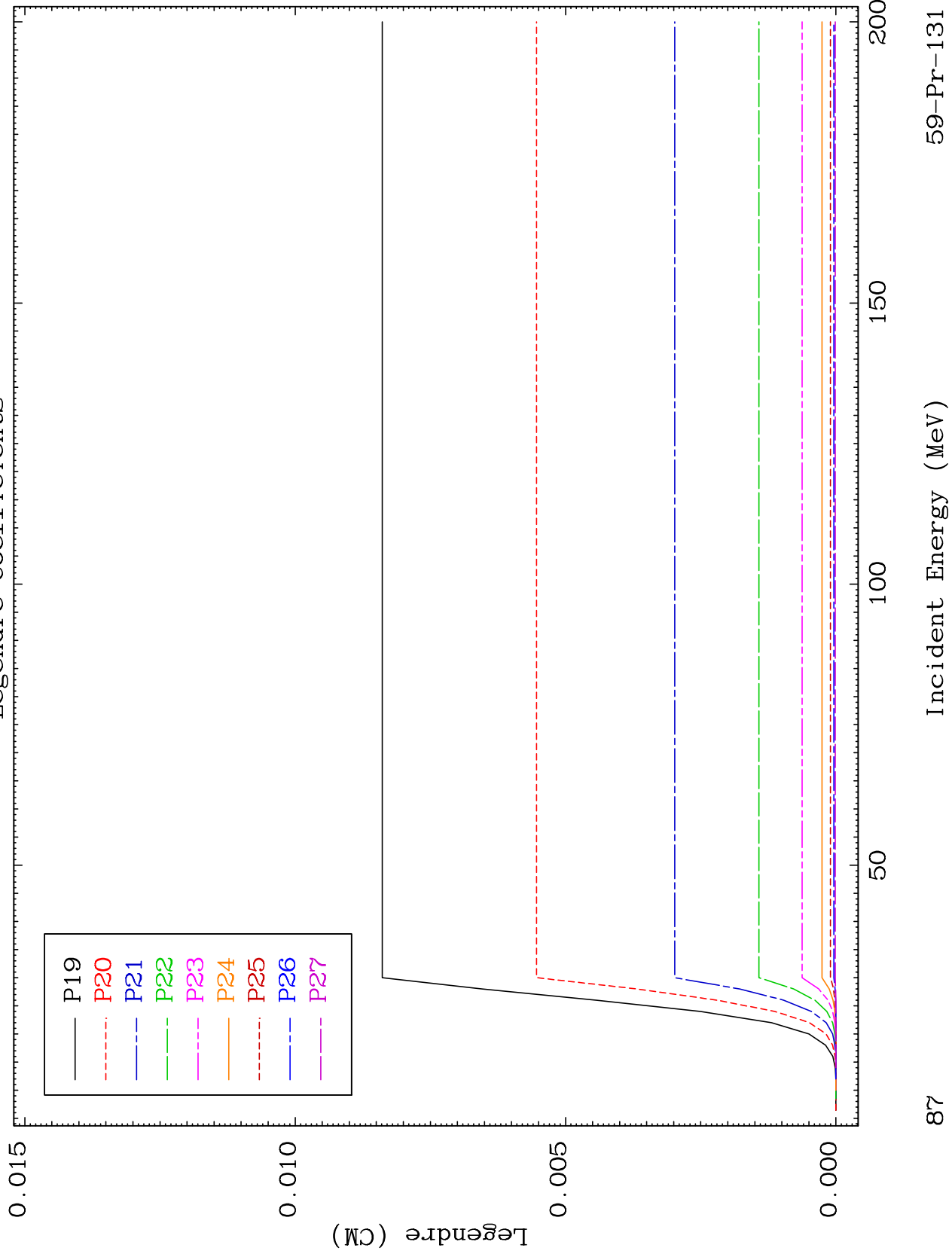
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



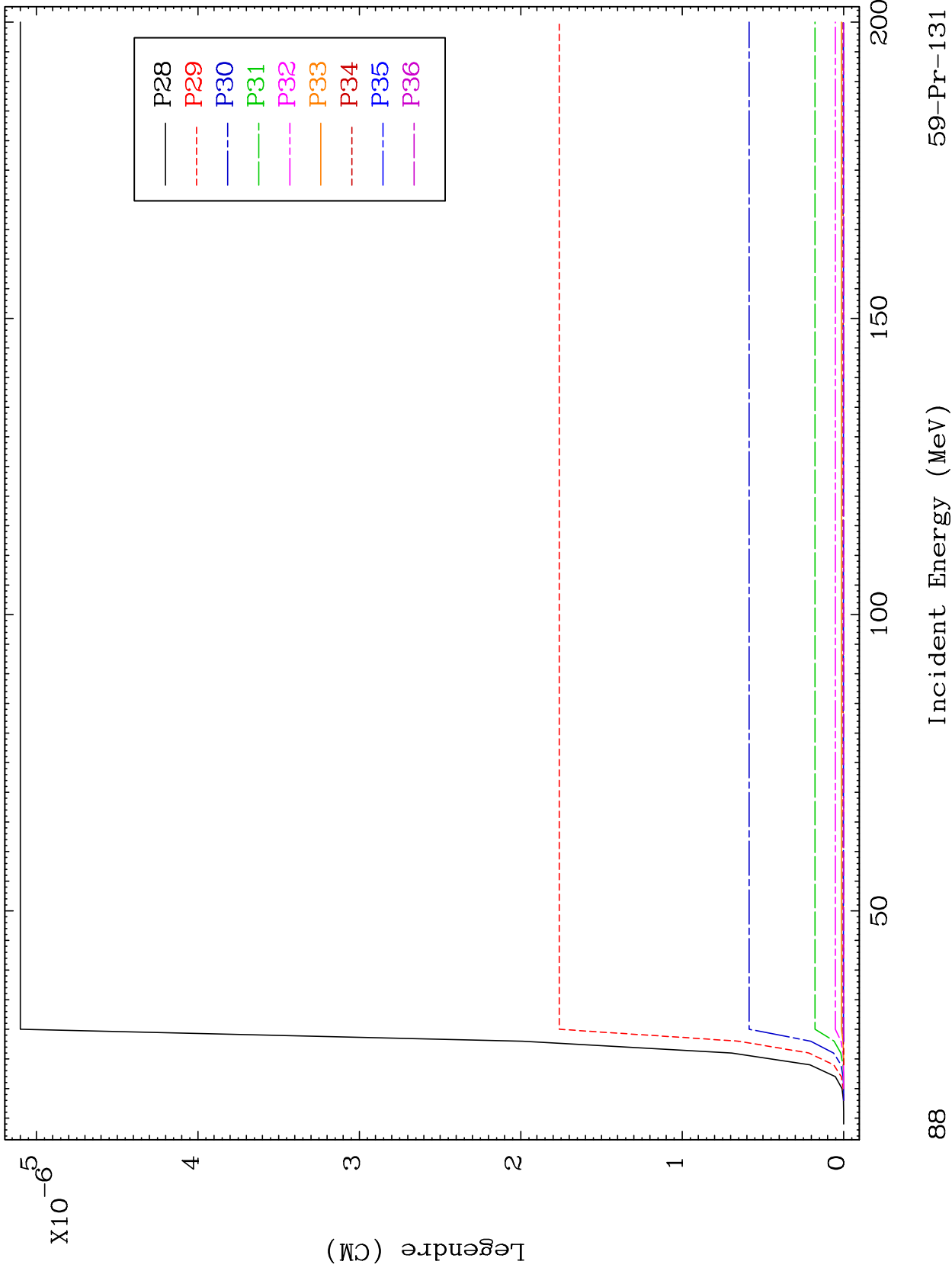
87

59-Pr-131

MAT 5895

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

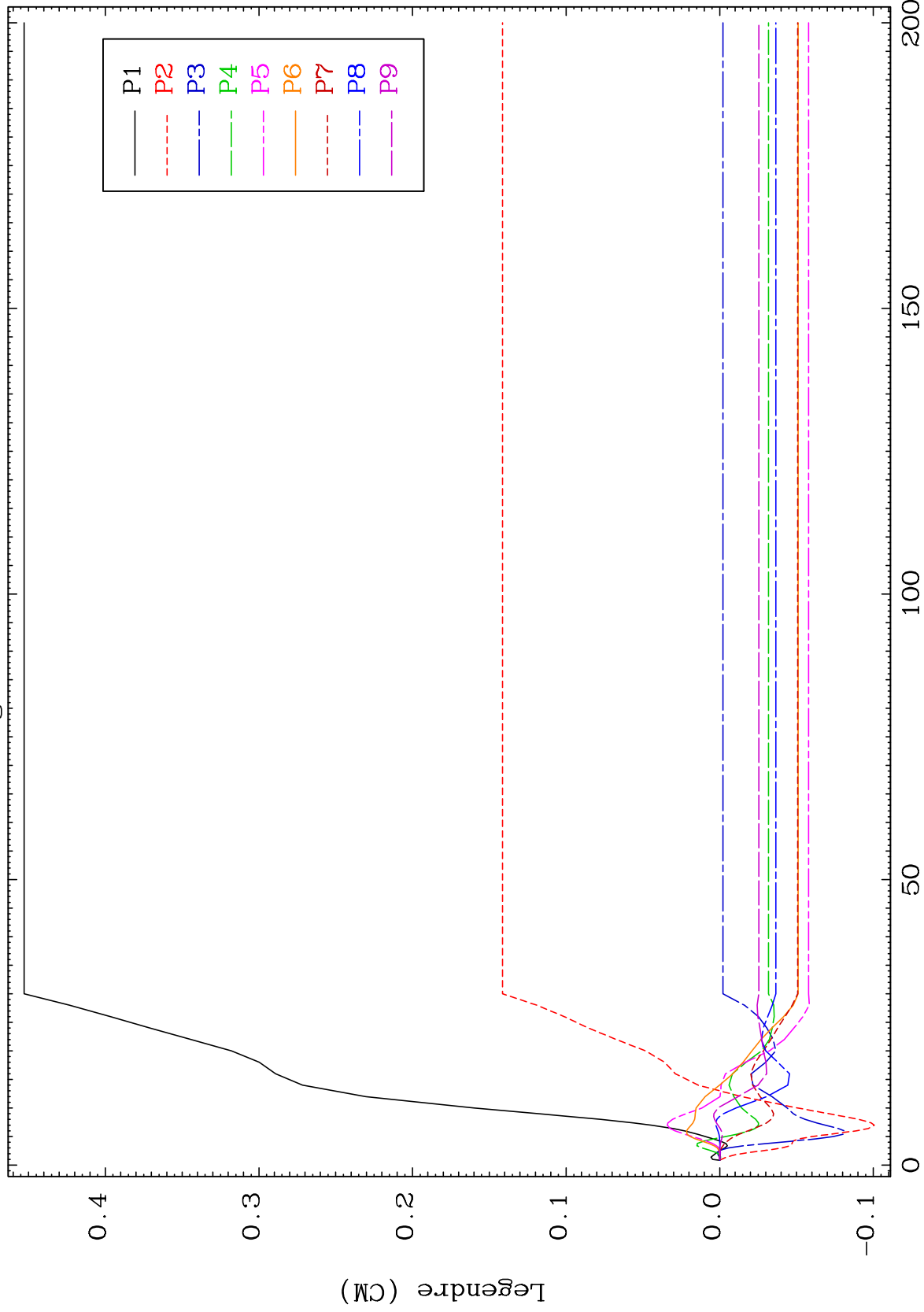
59-Pr-131



MAT 5895

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

59-Pr-131



89

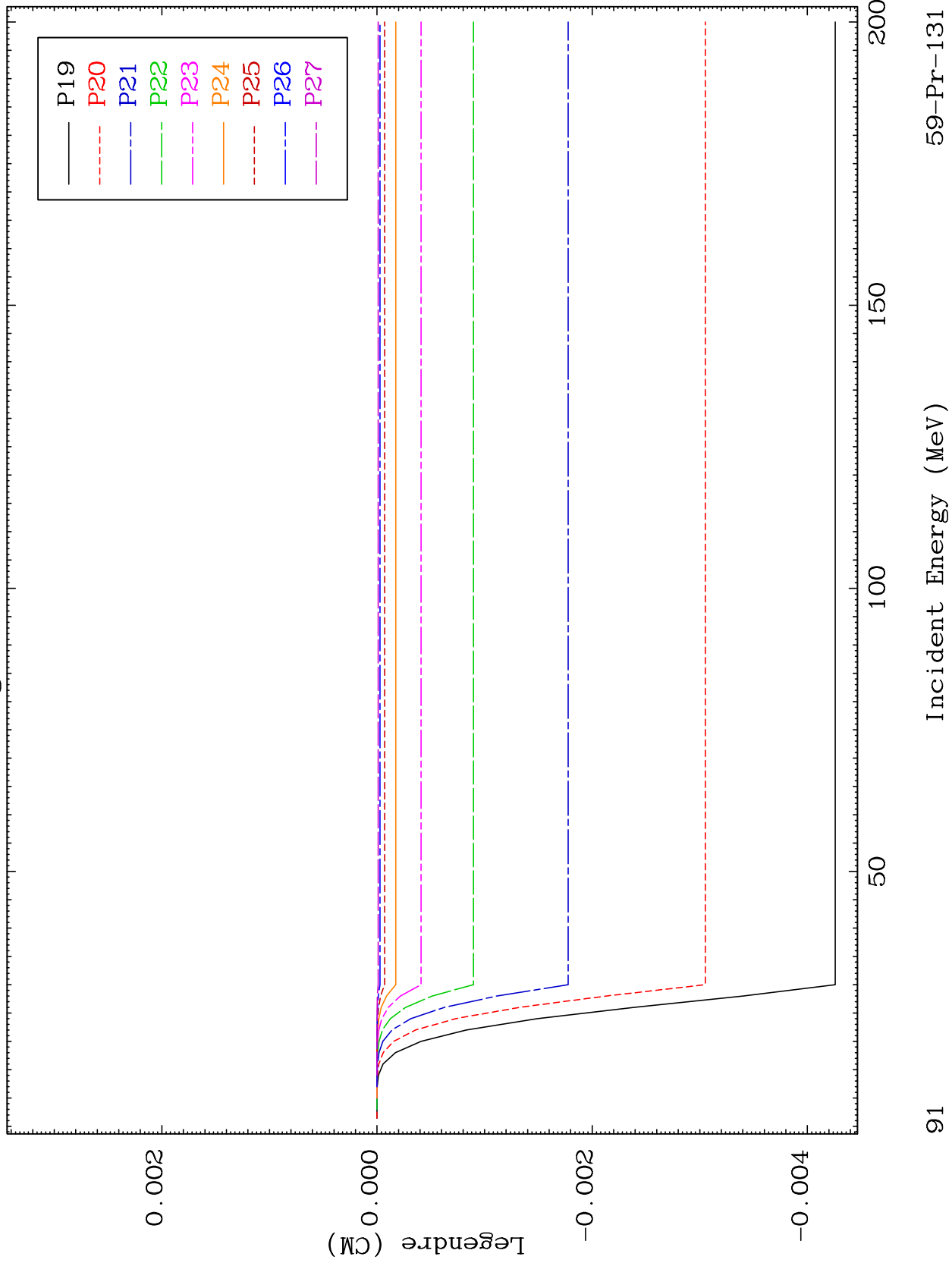
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

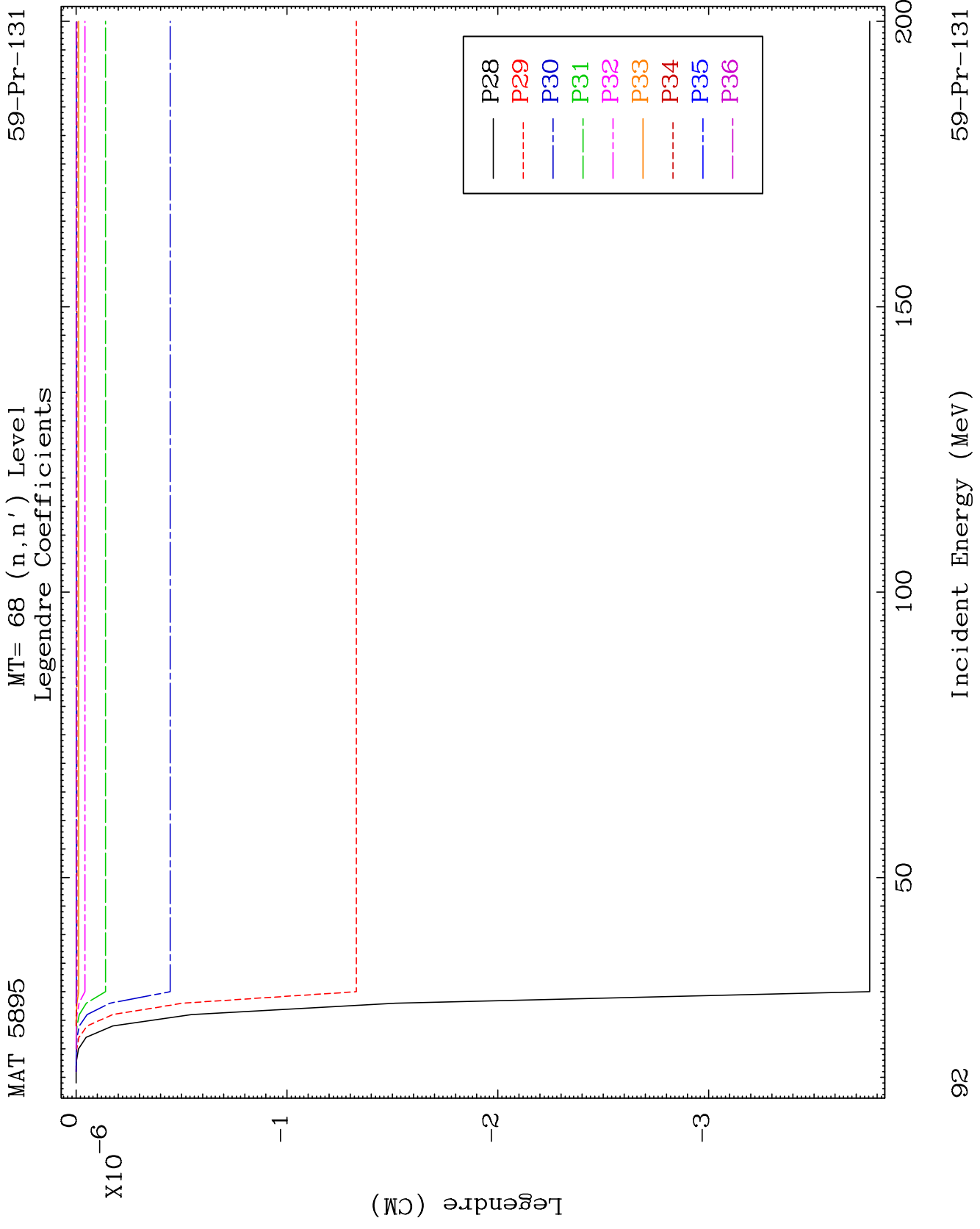
59-Pr-131



91

Incident Energy (MeV)

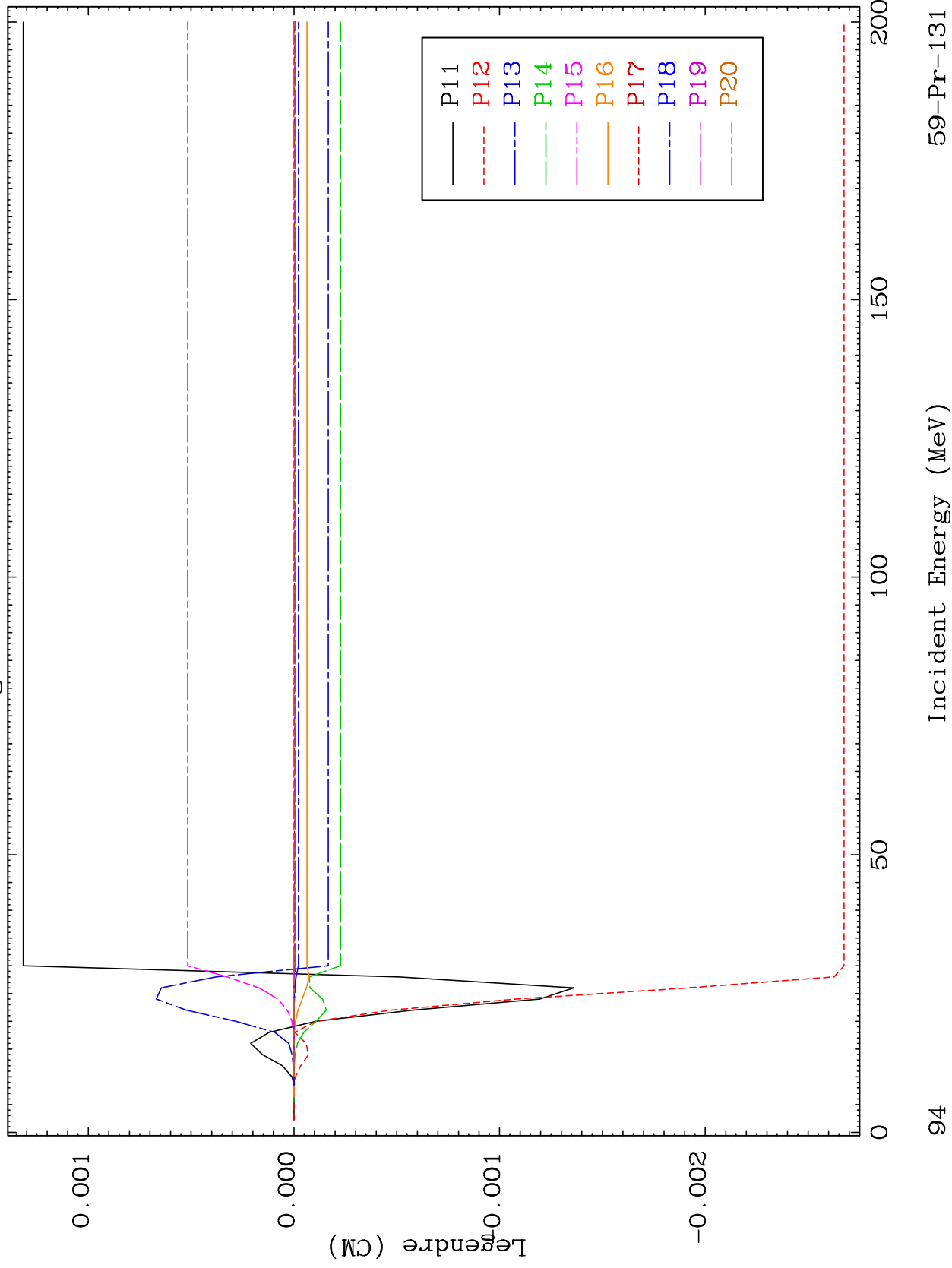
59-Pr-131



MAT 5895

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

59-Pr-131



94

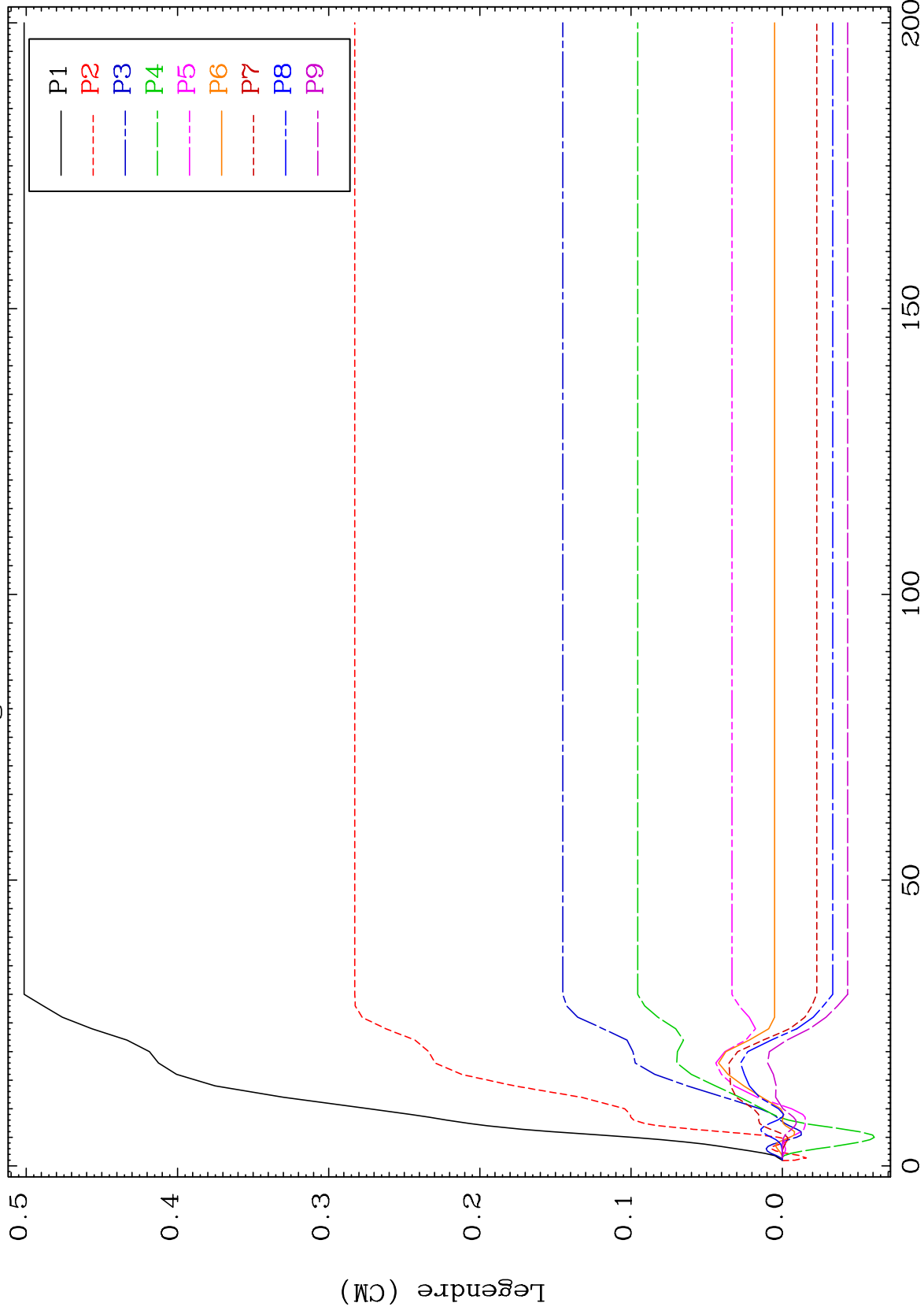
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



96

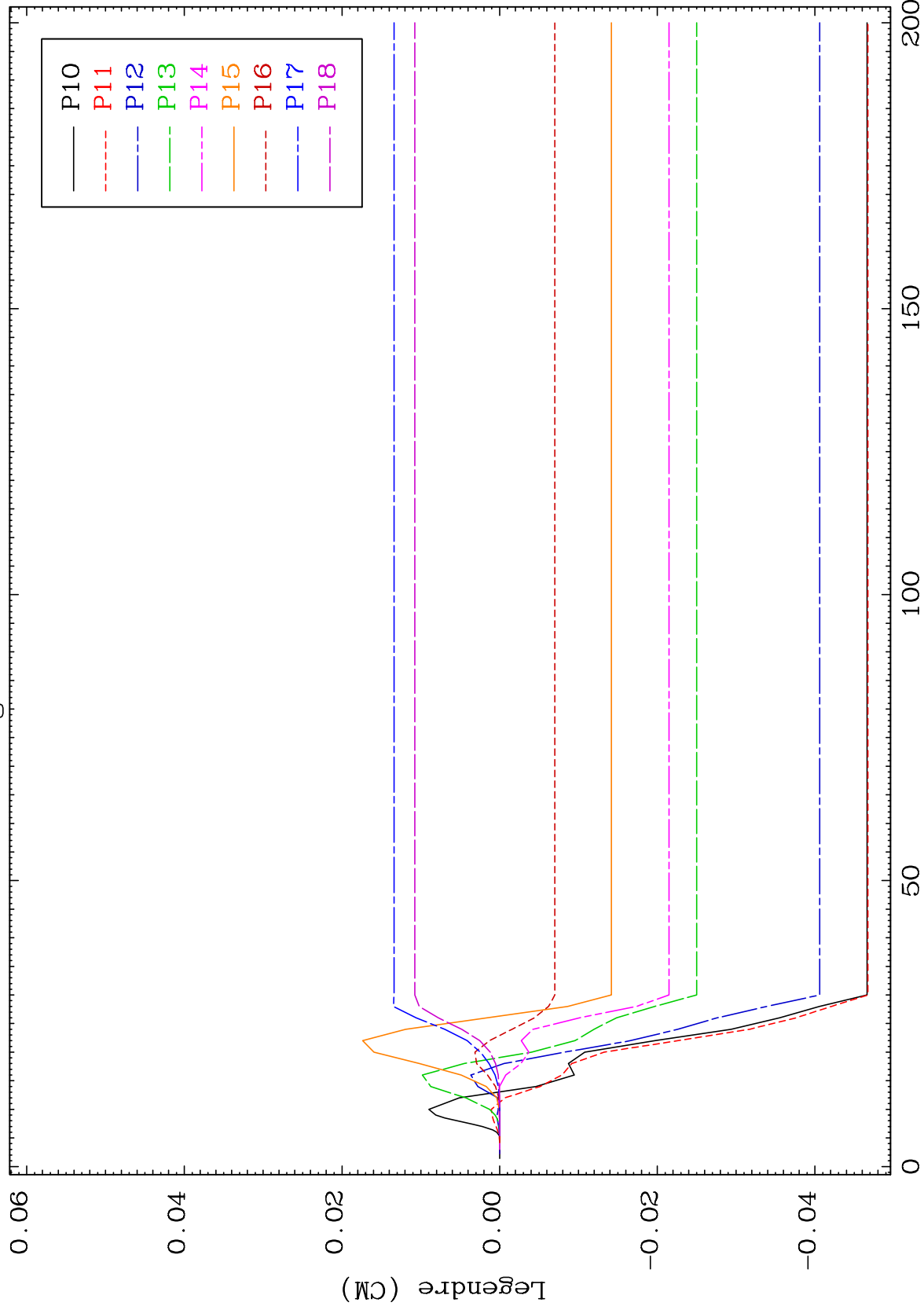
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



97

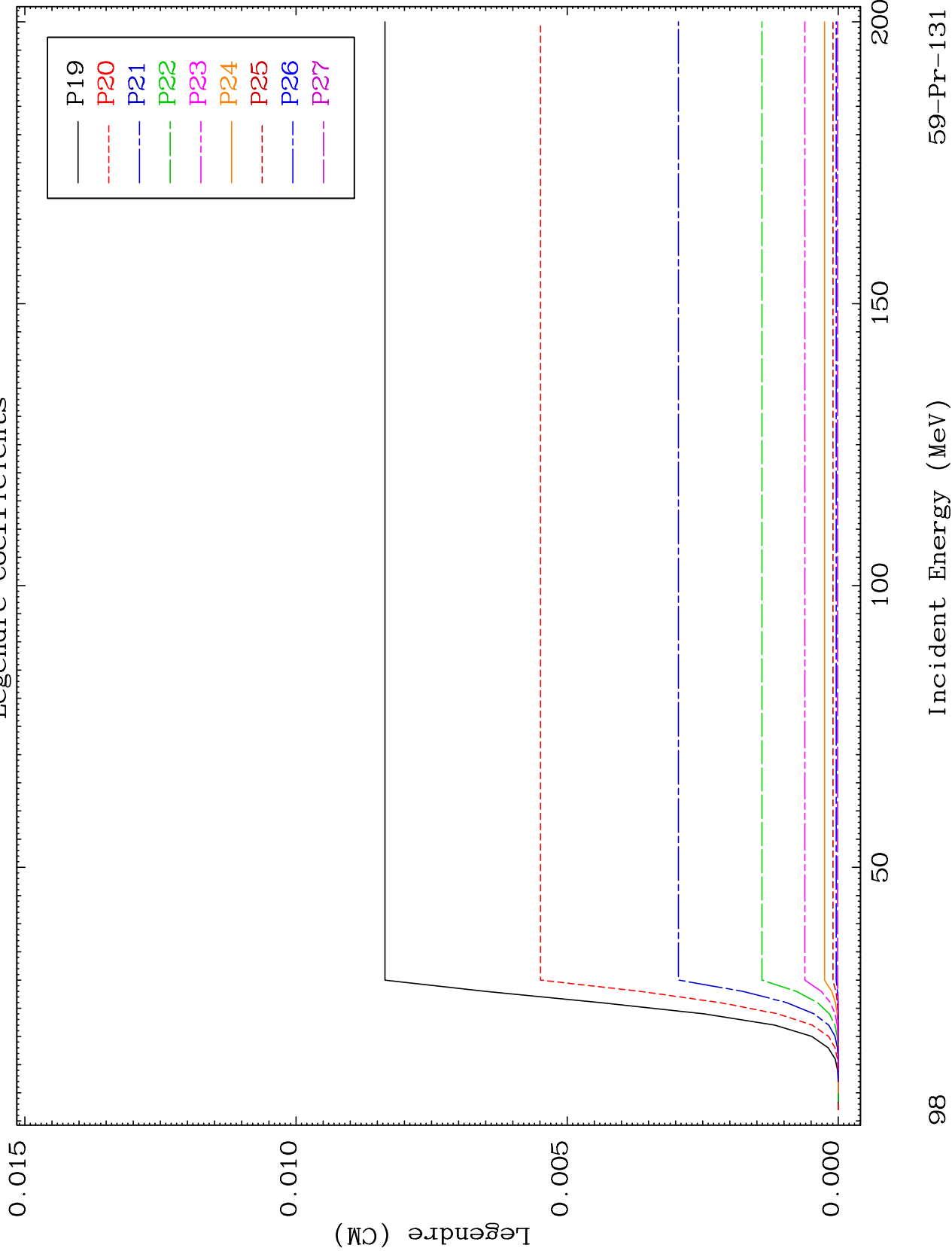
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



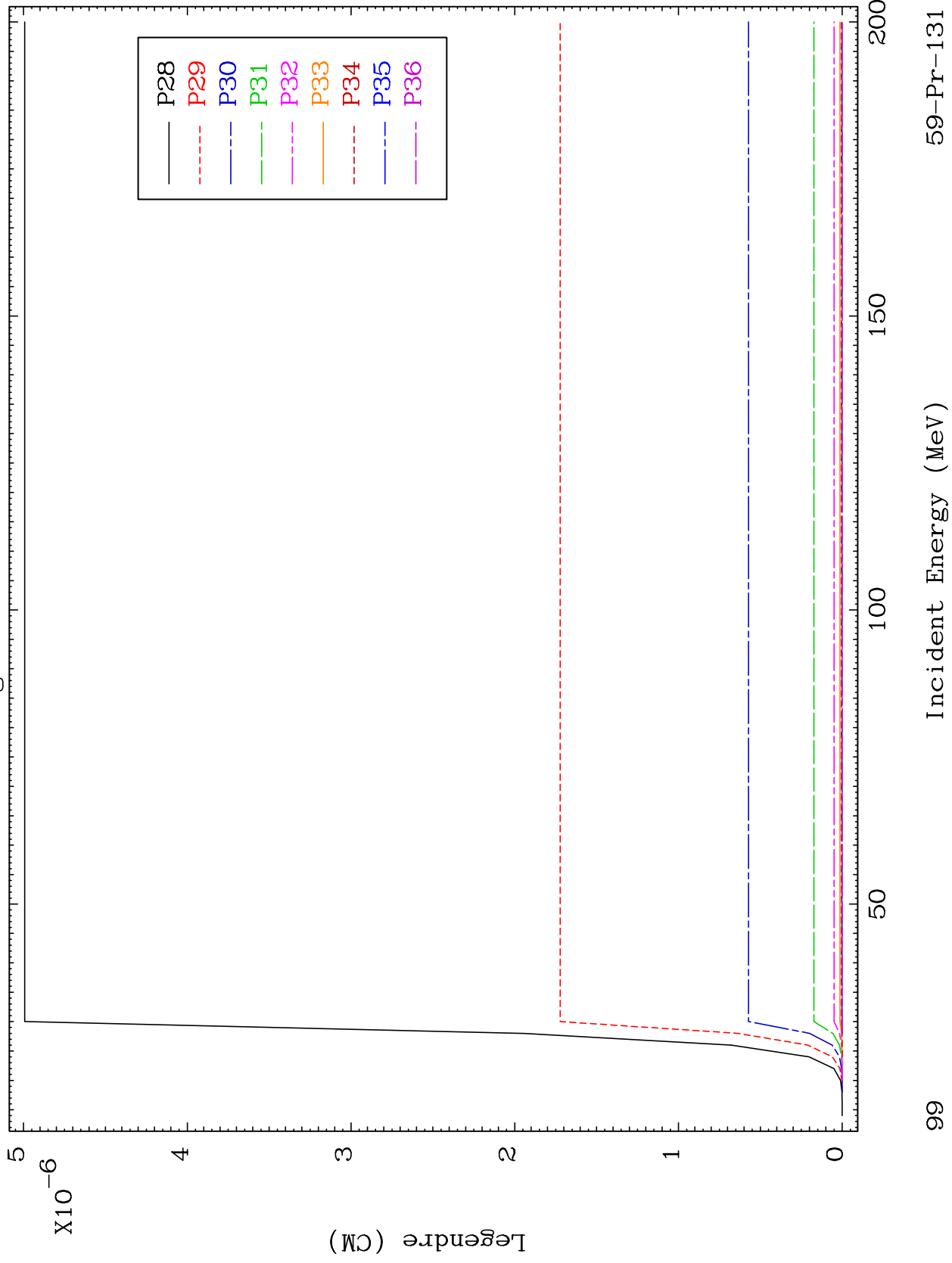
98

59-Pr-131

MAT 5895

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

59-Pr-131

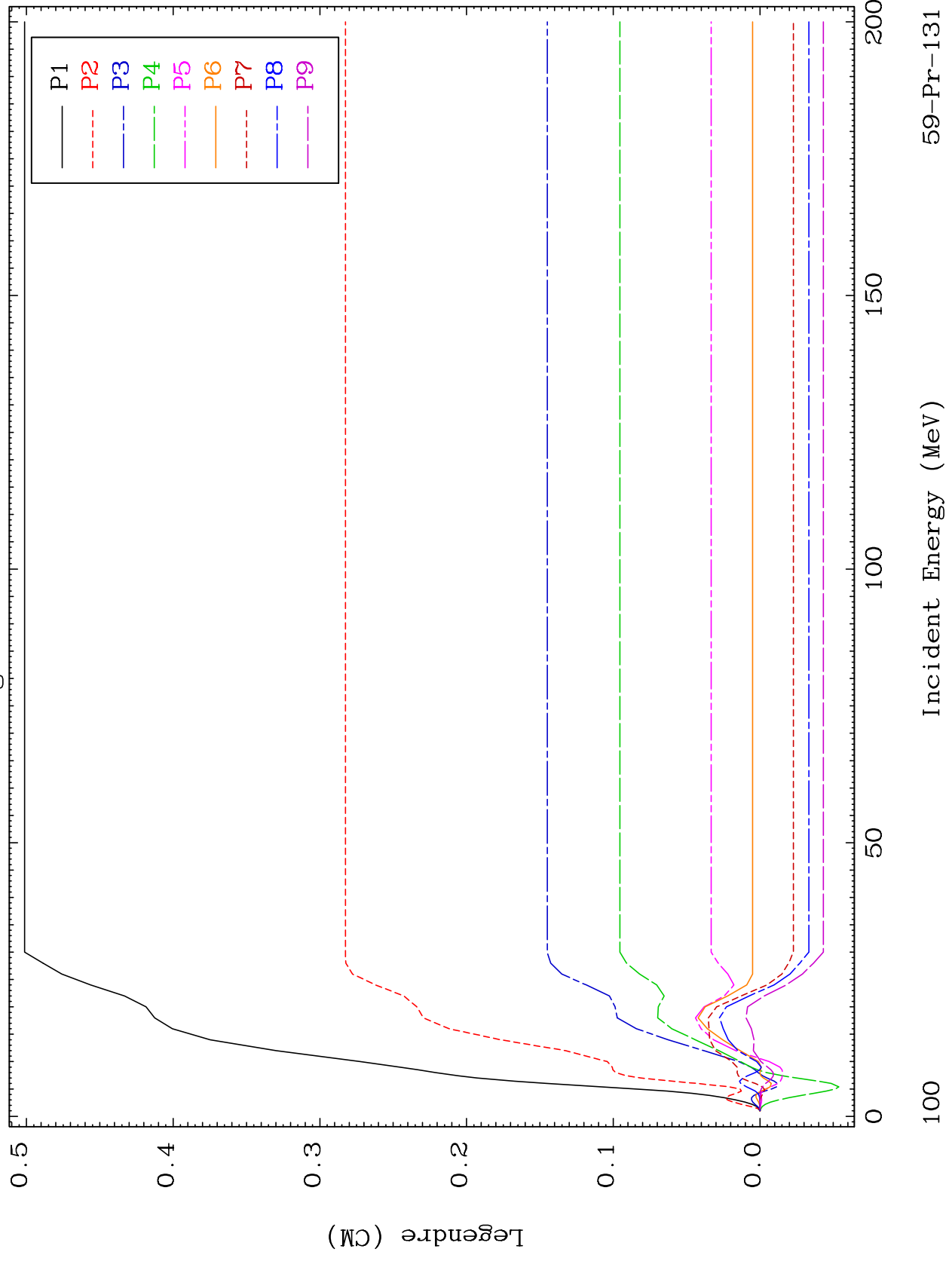


99

MAT 5895

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

59-Pr-131

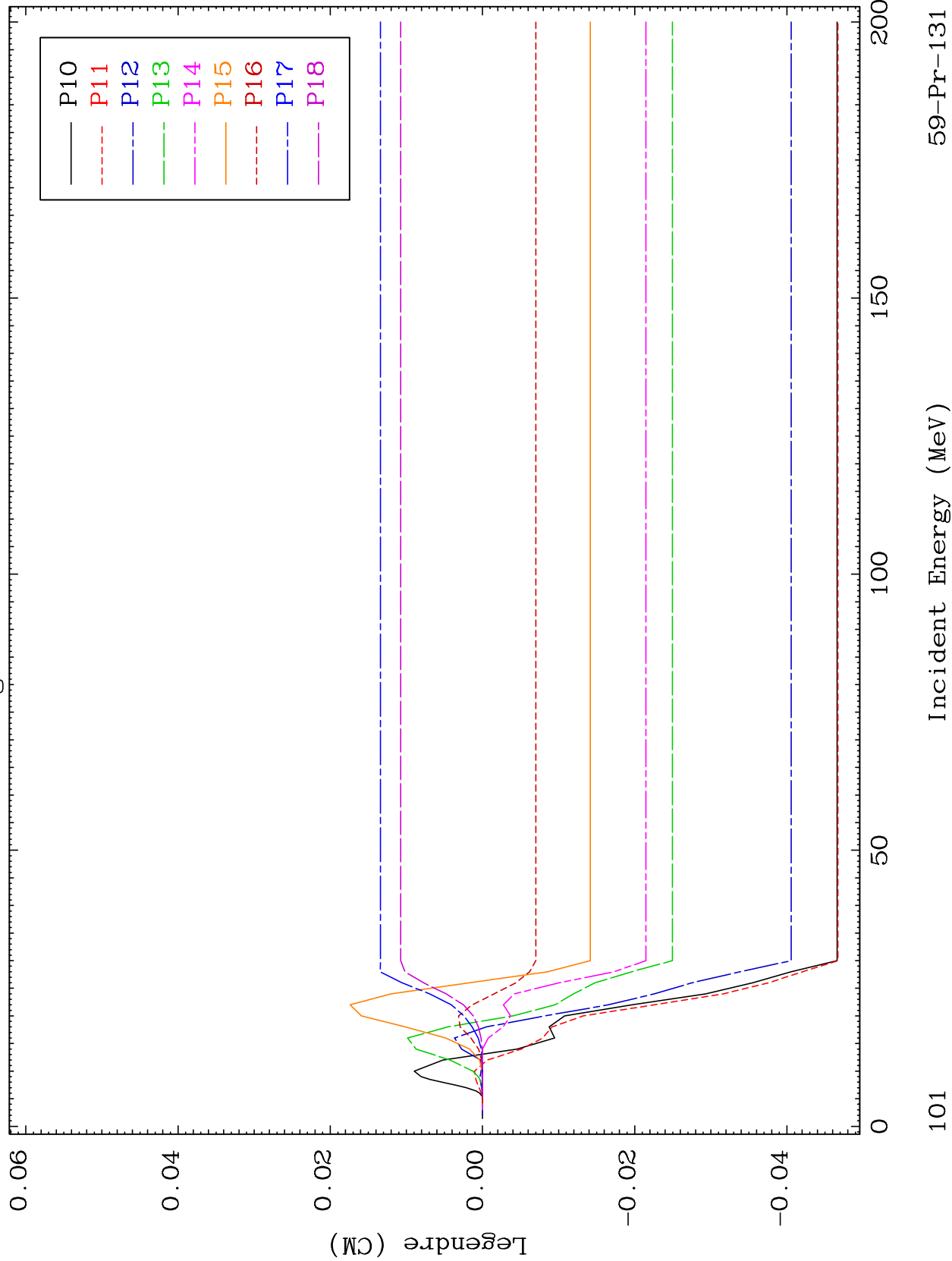


59-Pr-131

MAT 5895

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

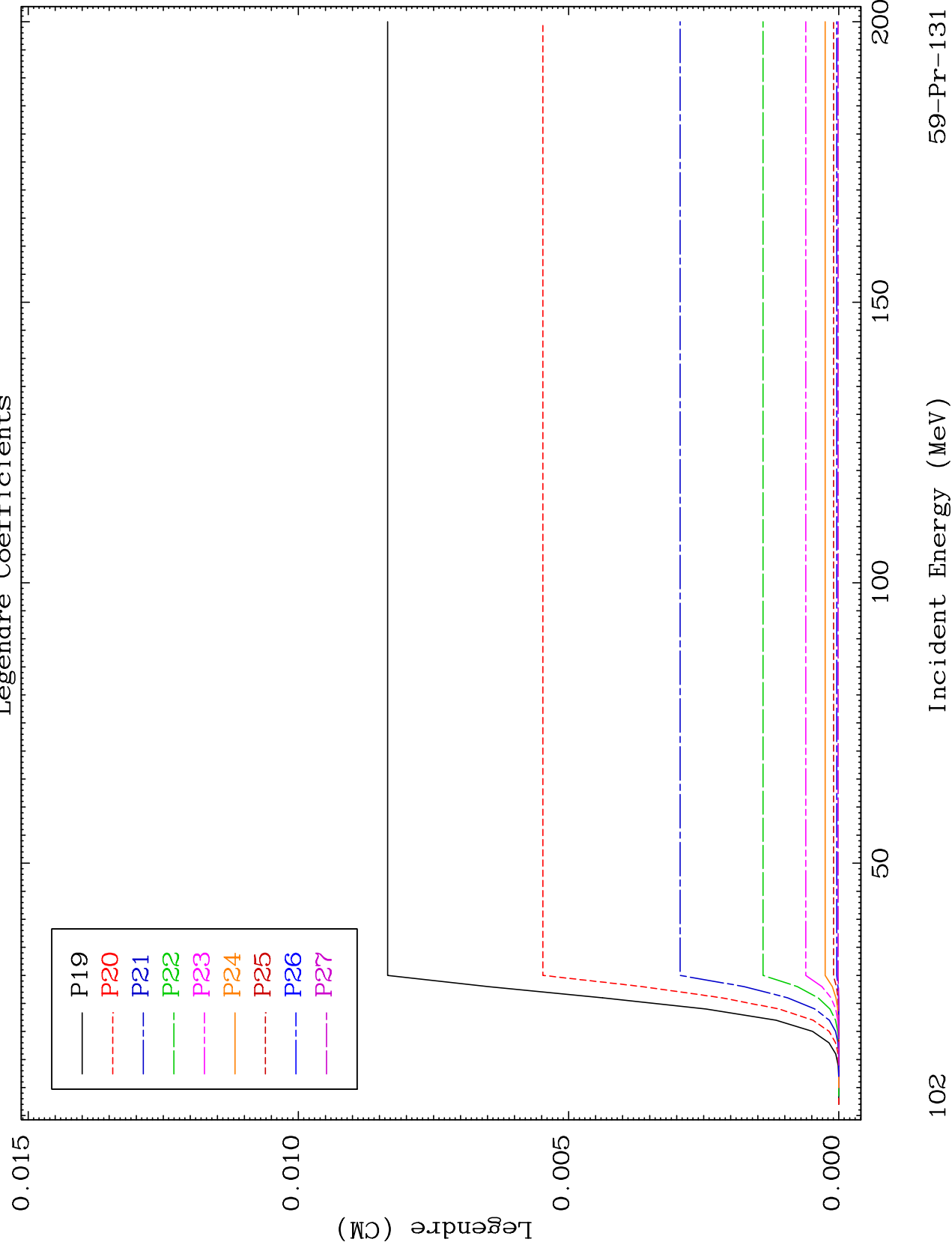
59-Pr-131



59-Pr-131

Incident Energy (MeV)

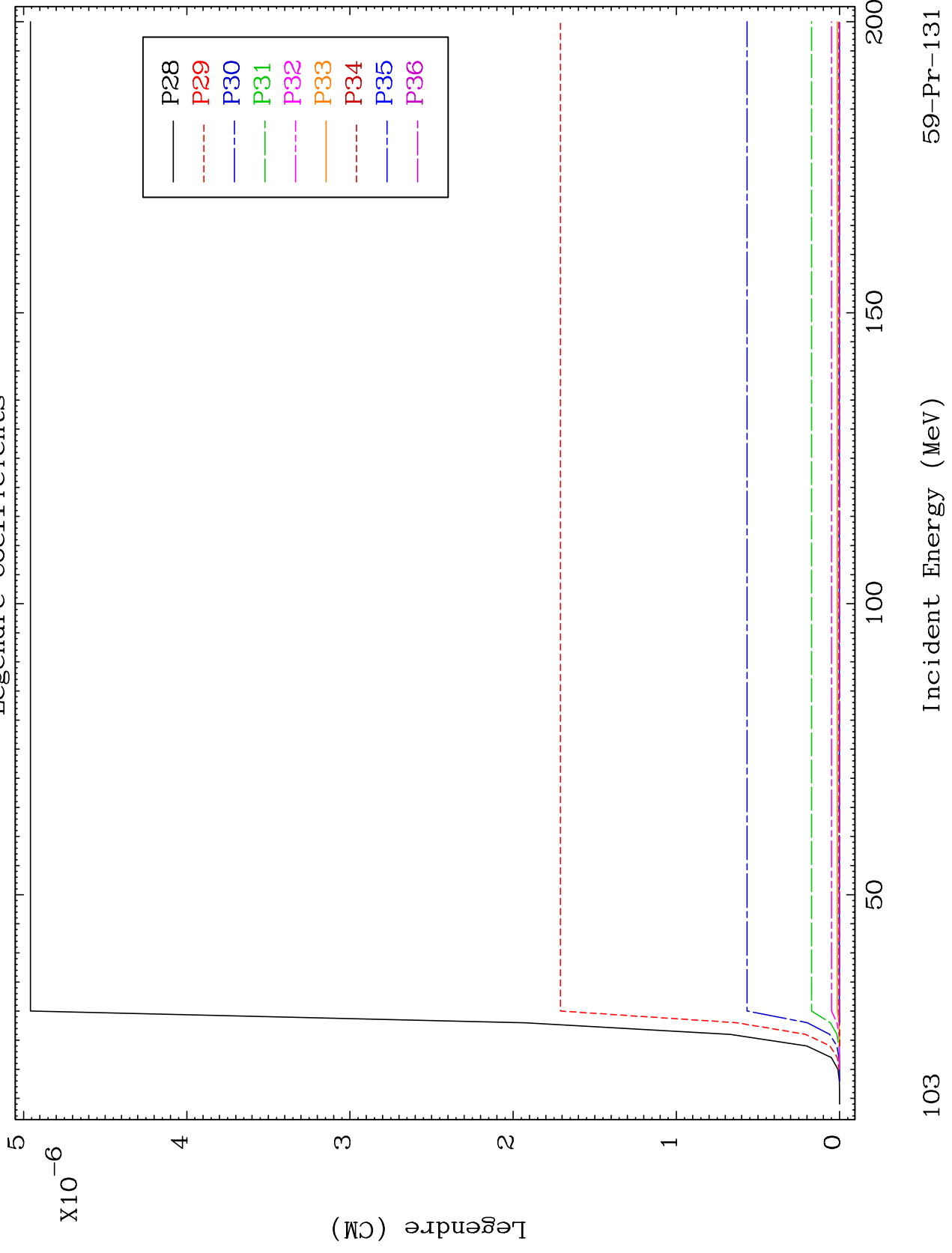
101



MAT 5895

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

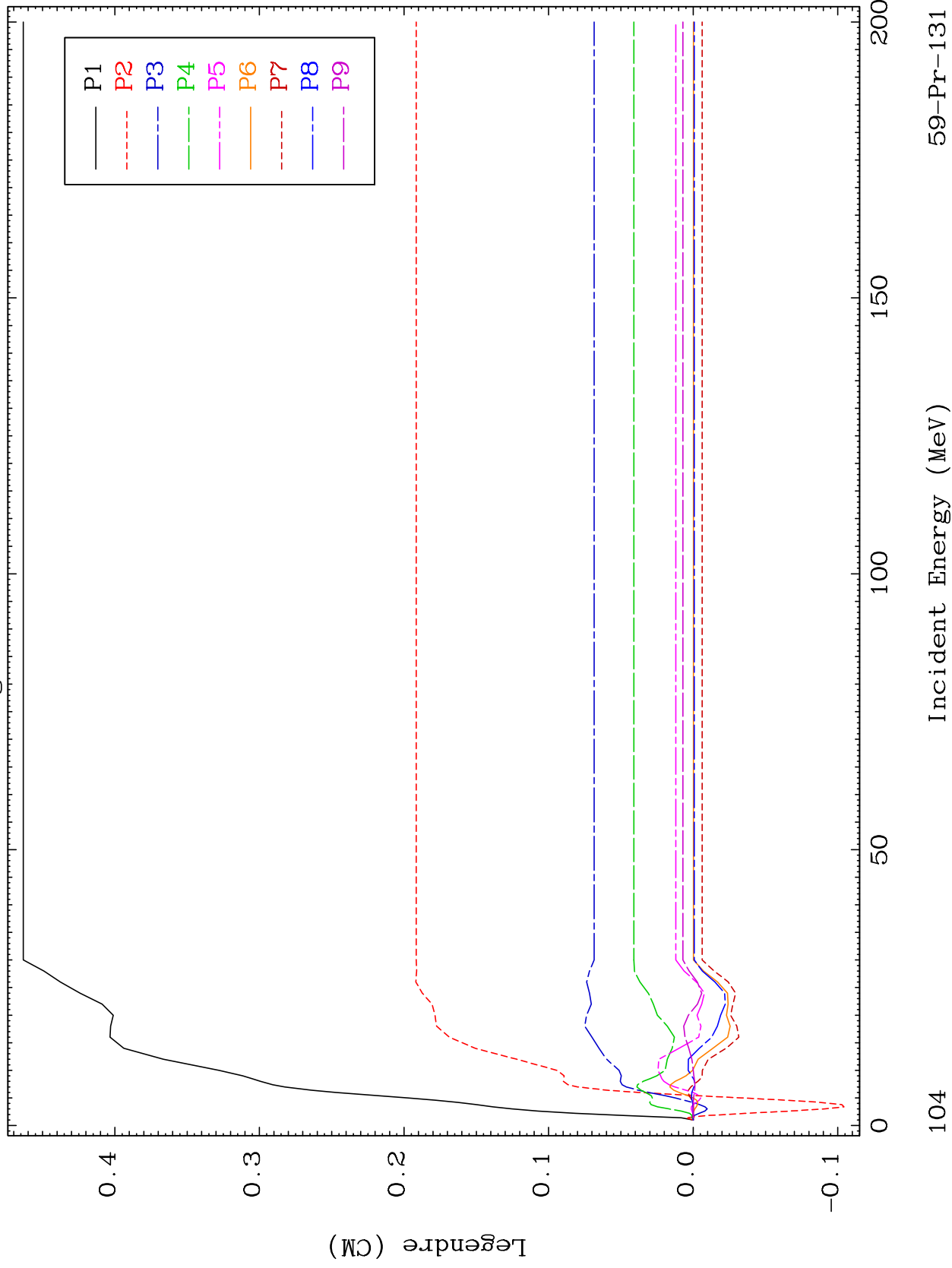
59-Pr-131



MAT 5895

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

59-Pr-131



59-Pr-131

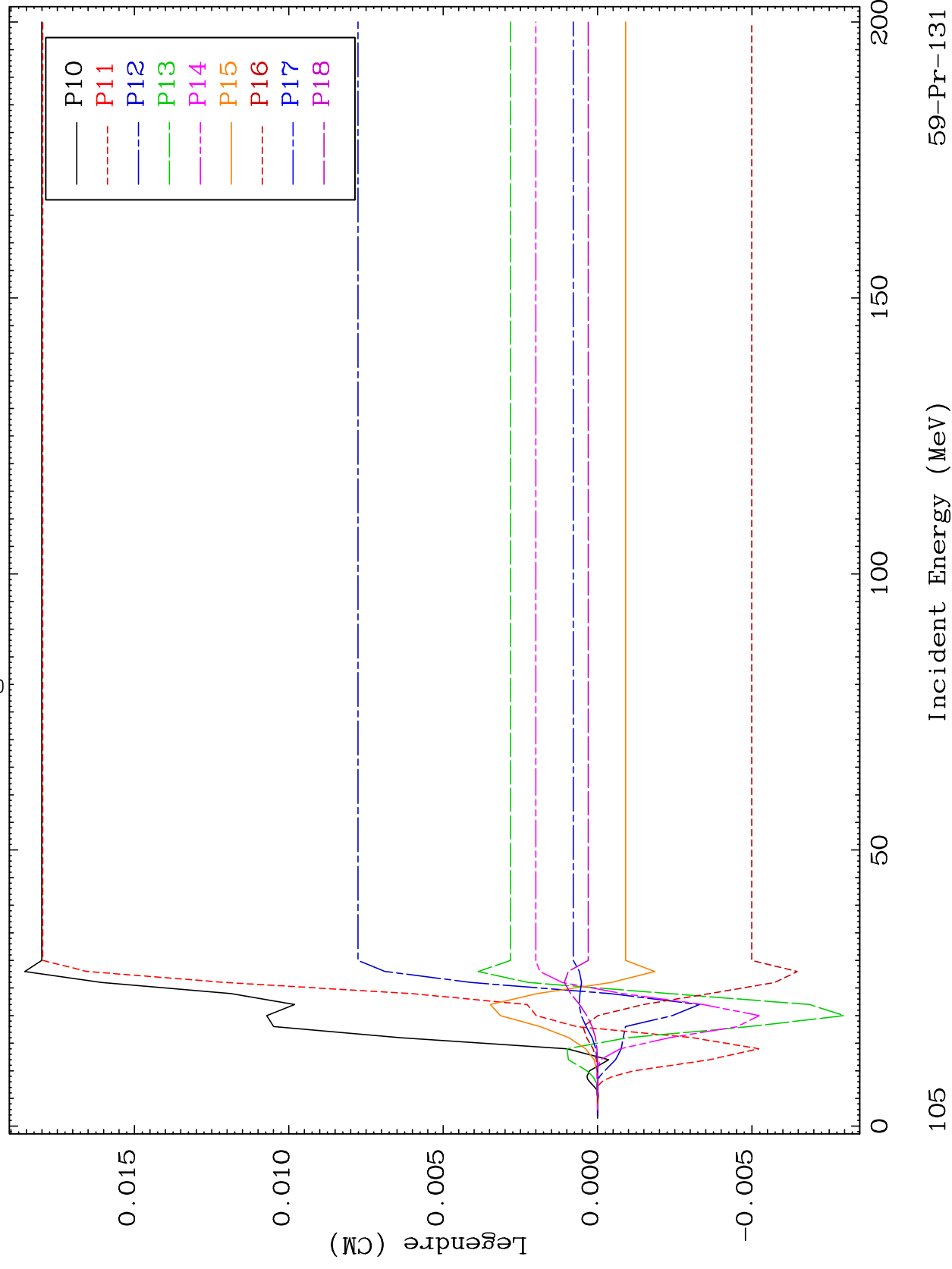
Incident Energy (MeV)

104

MAT 5895

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

59-Pr-131



59-Pr-131

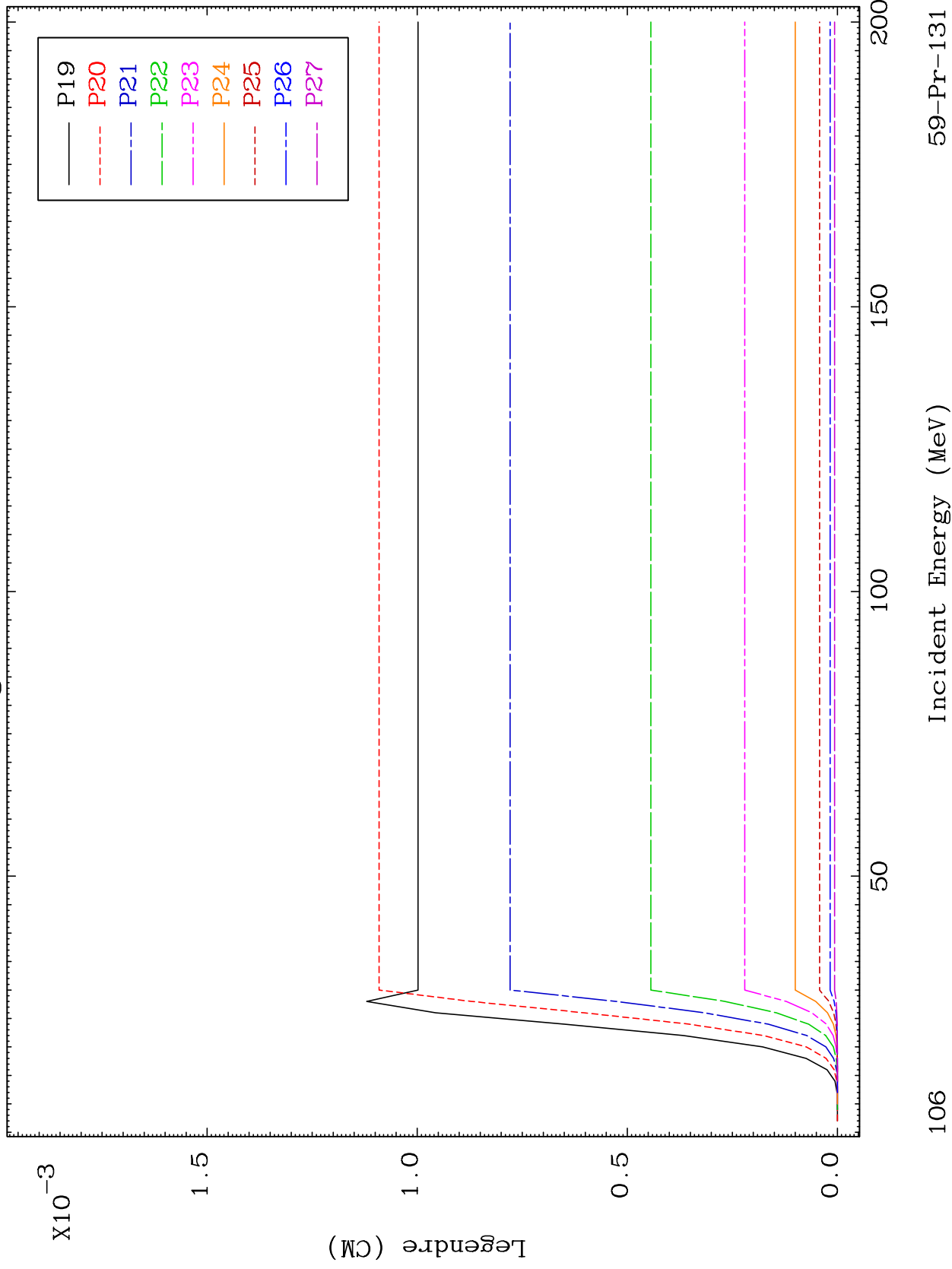
Incident Energy (MeV)

105

MAT 5895

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

59-Pr-131



106

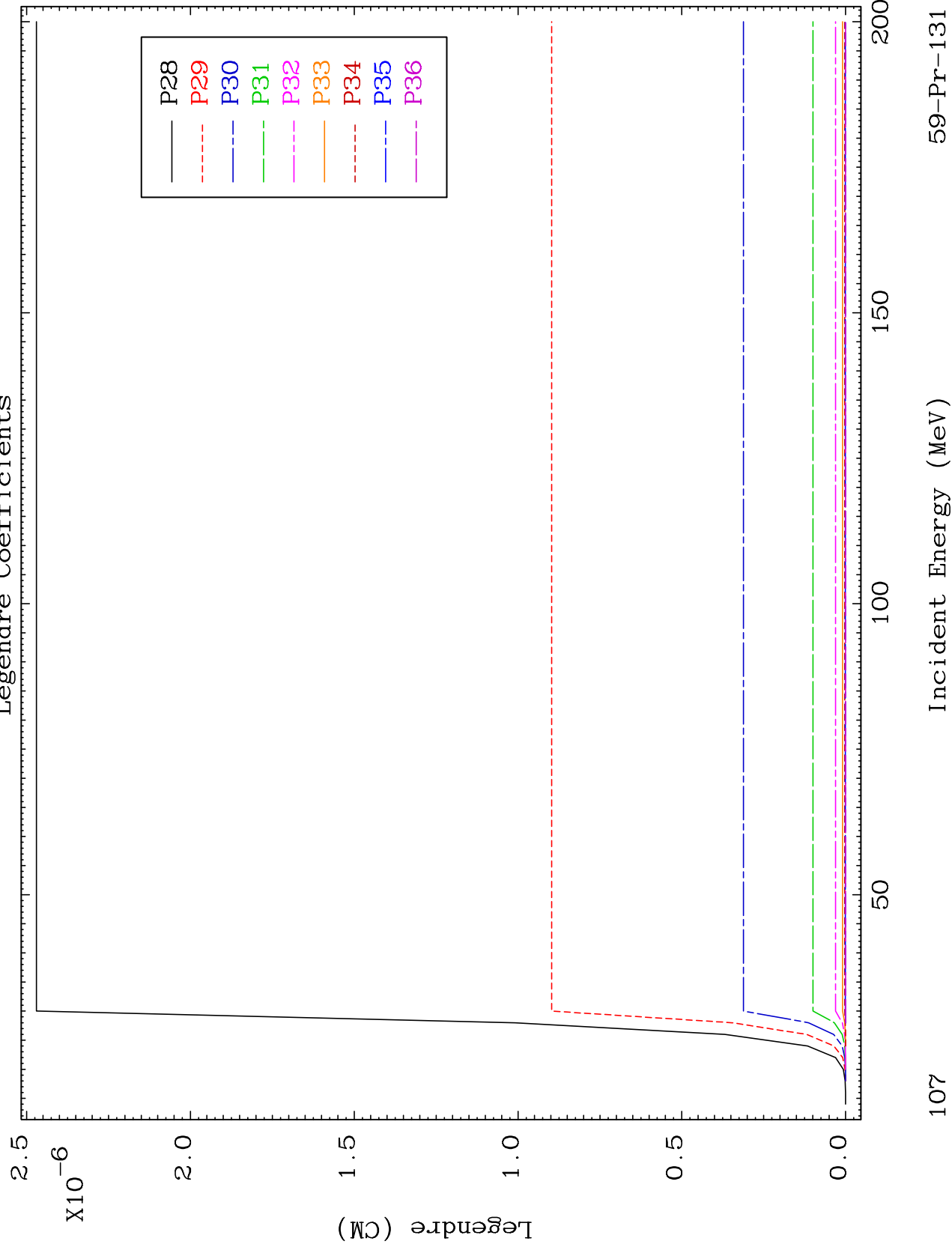
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

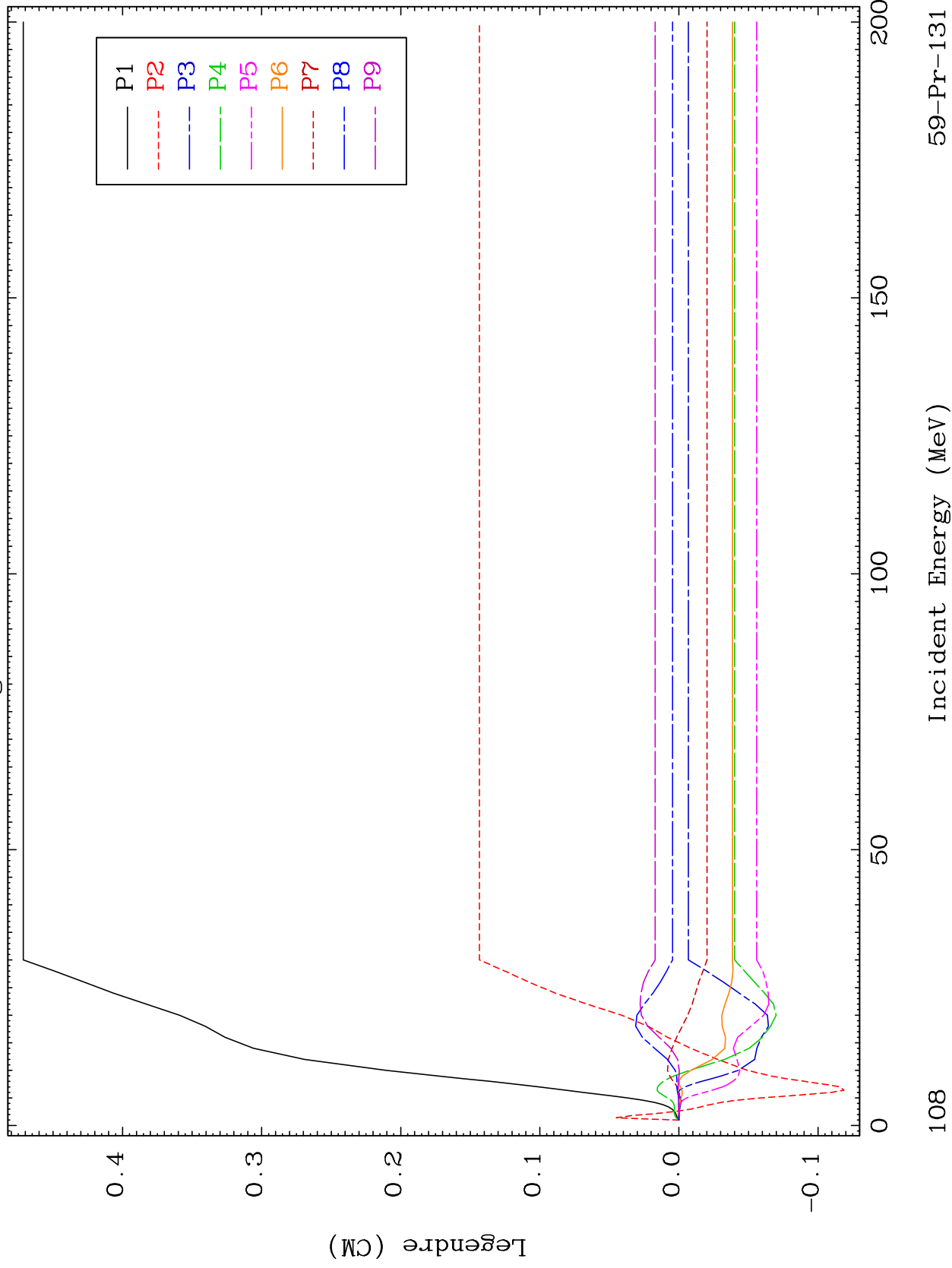
59-Pr-131



MAT 5895

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

59-Pr-131



59-Pr-131

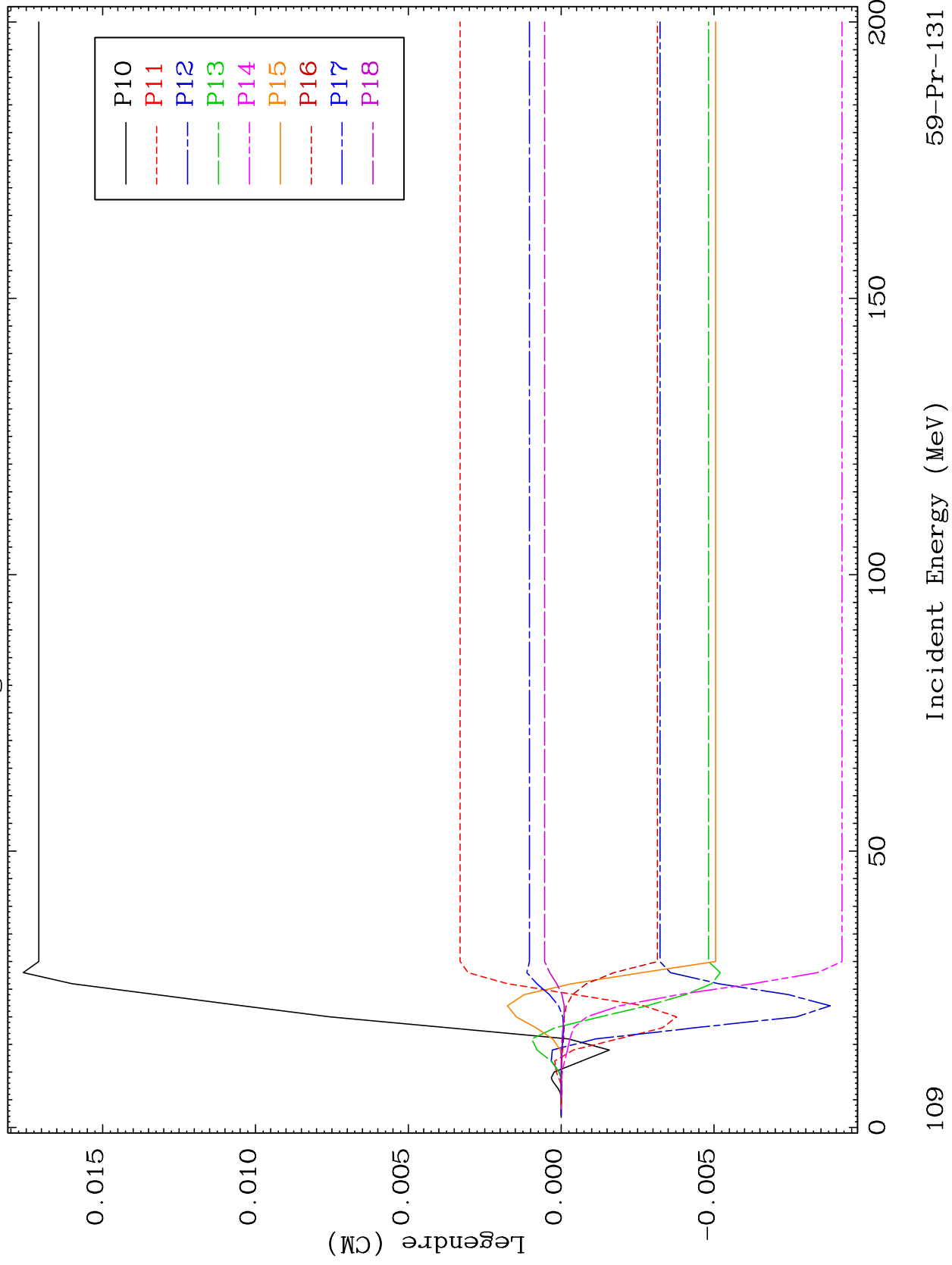
Incident Energy (MeV)

108

MAT 5895

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

59-Pr-131



59-Pr-131

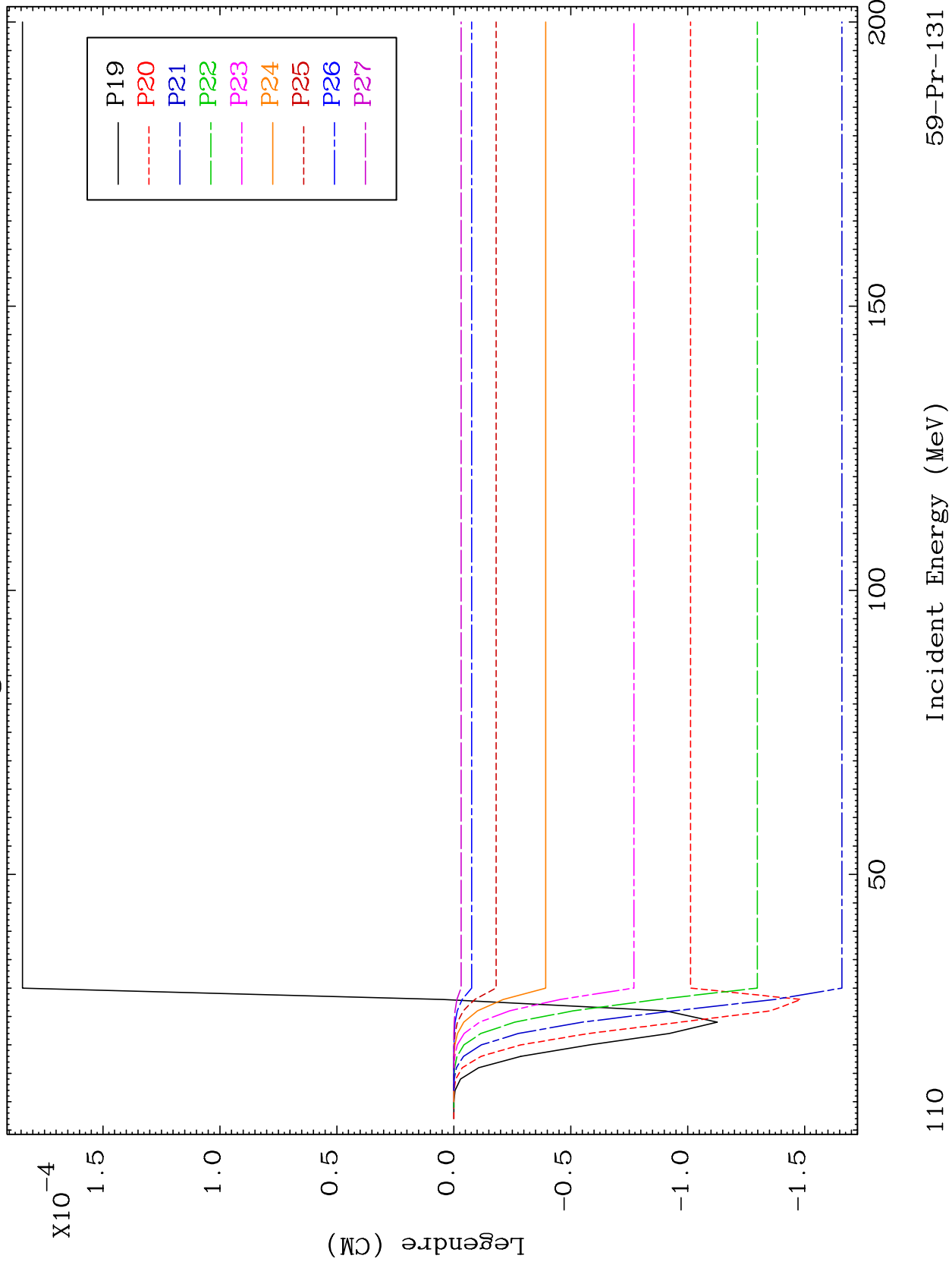
Incident Energy (MeV)

109

MAT 5895

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

59-Pr-131



110

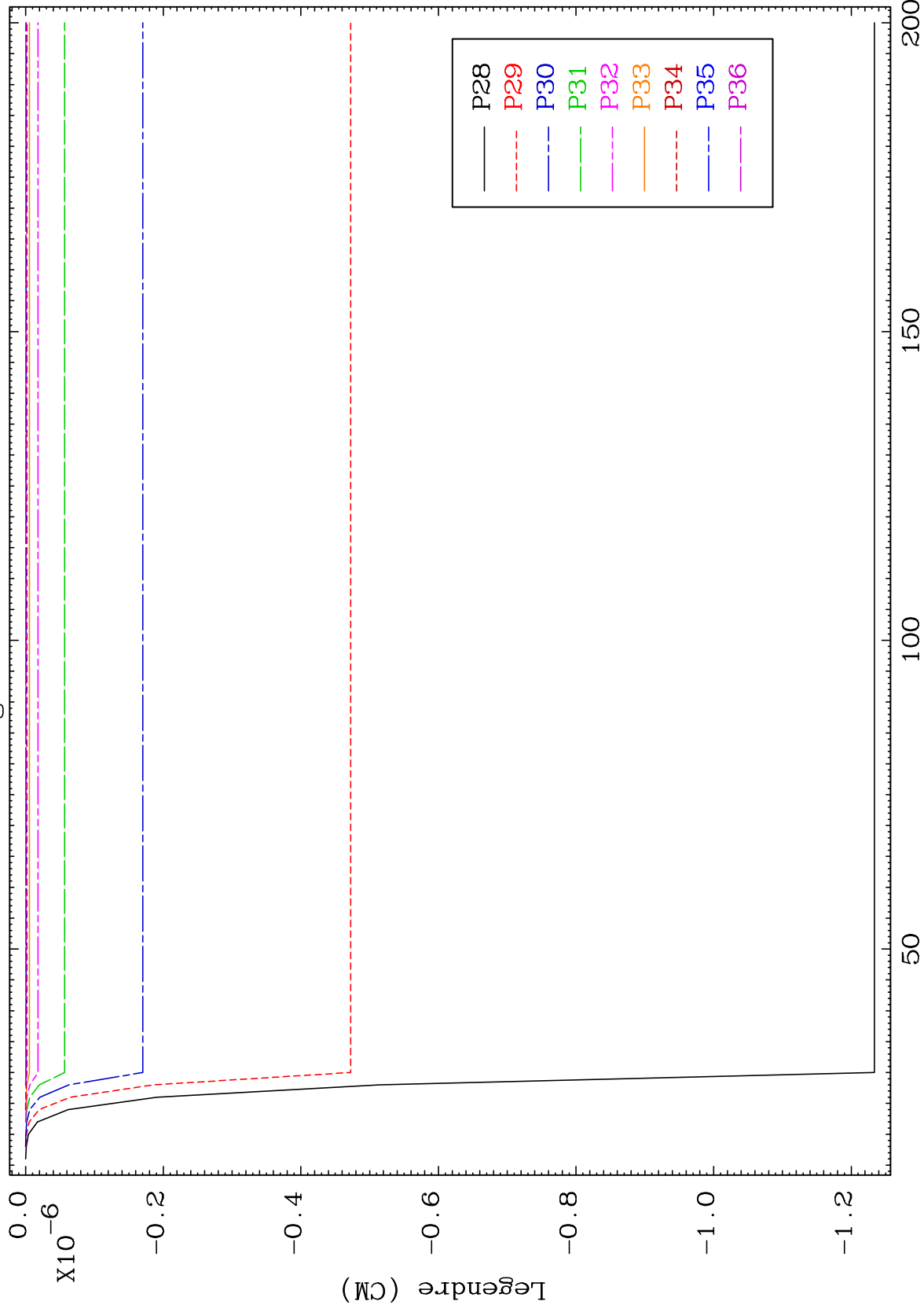
Incident Energy (MeV)

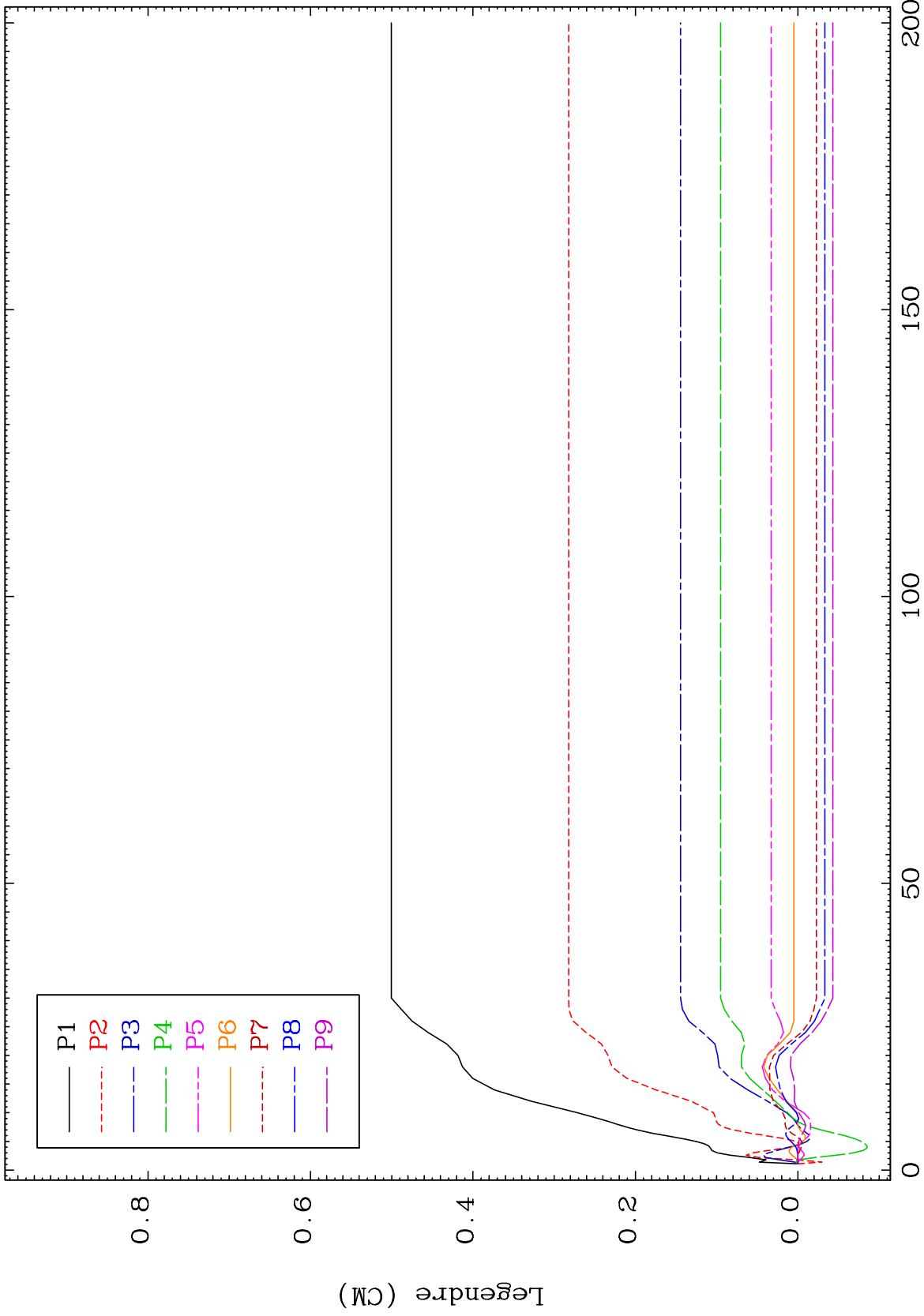
59-Pr-131

MAT 5895

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

59-Pr-131

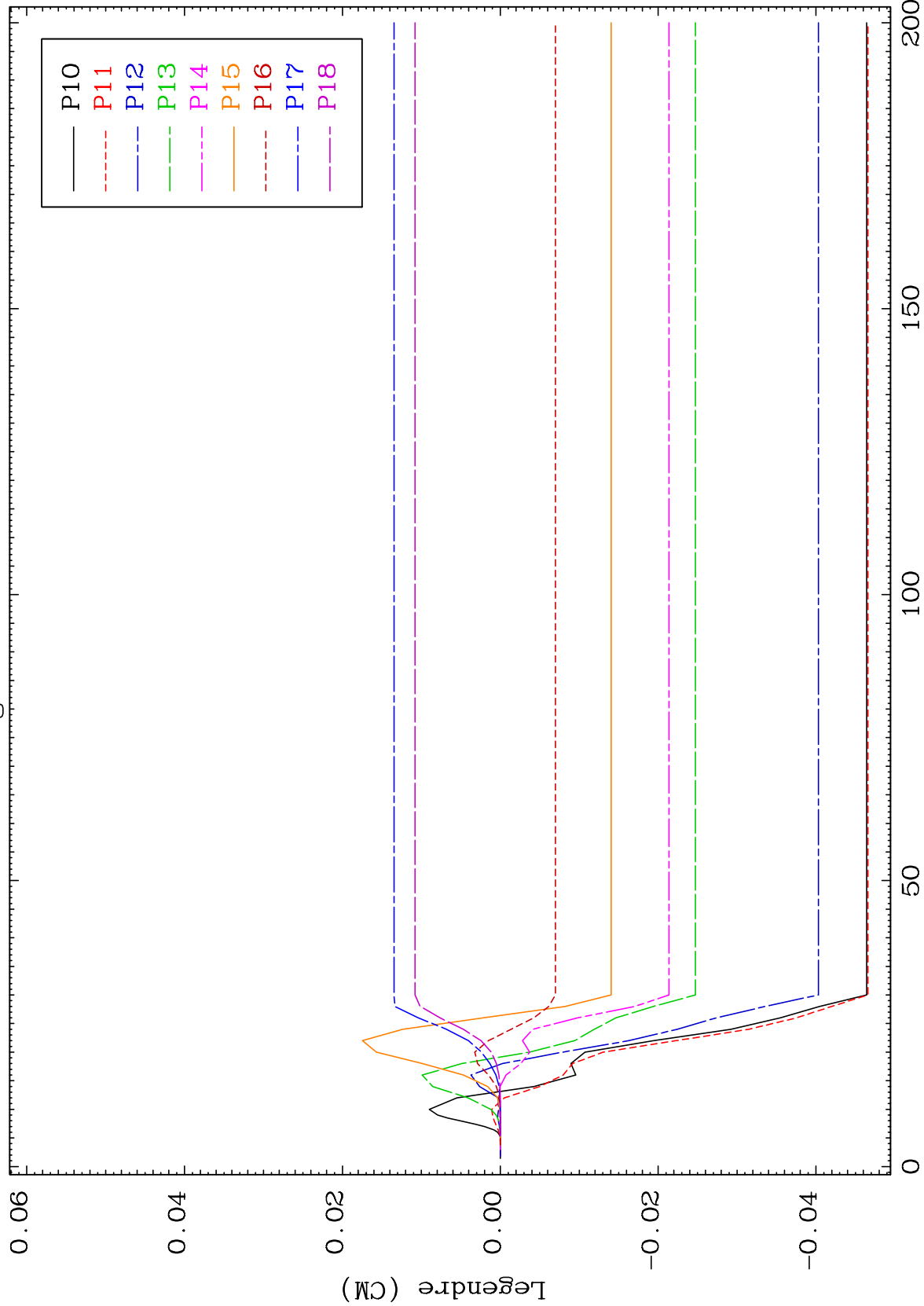




MAT 5895

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

59-Pr-131



113

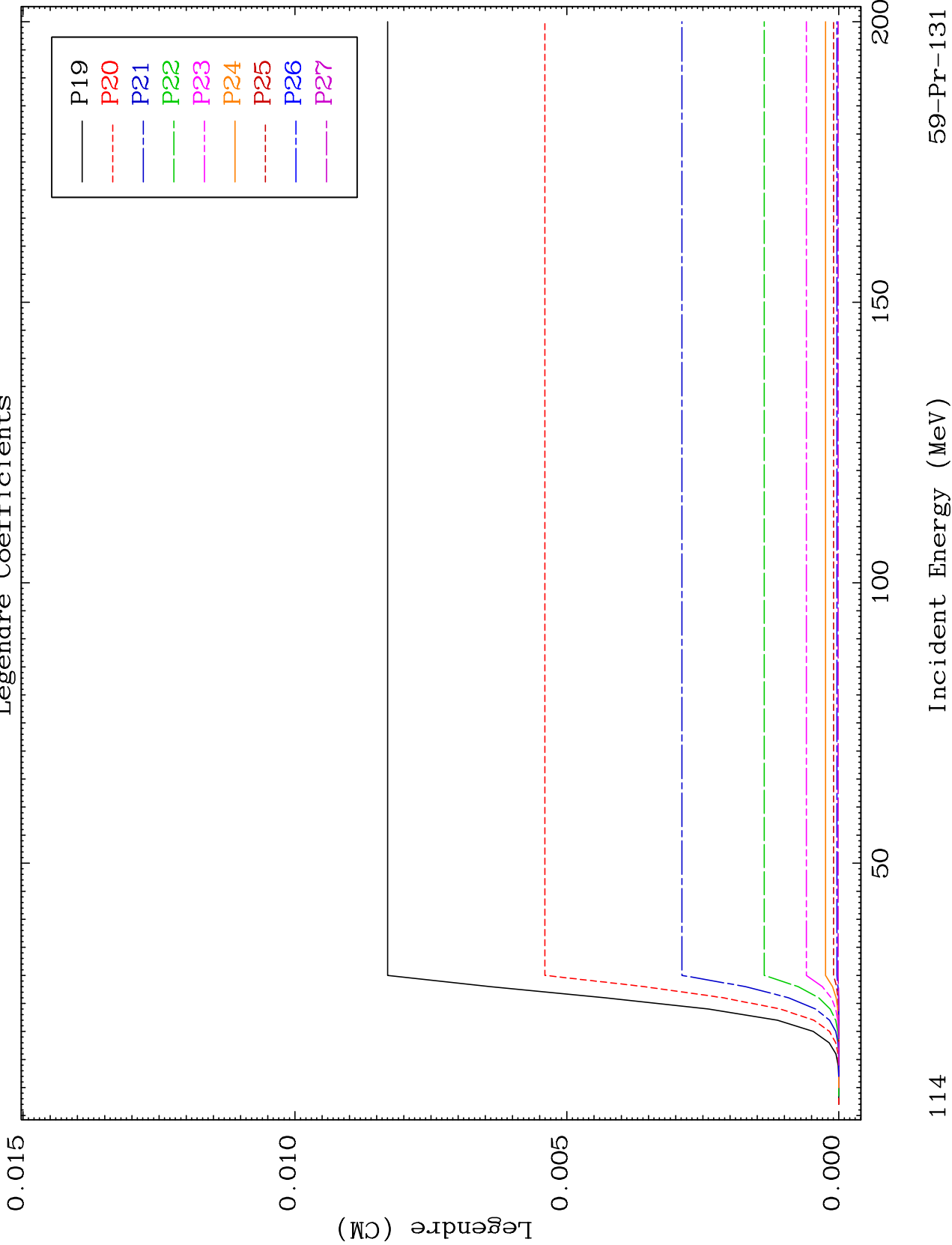
Incident Energy (MeV)

59-Pr-131

MAT 5895

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

59-Pr-131



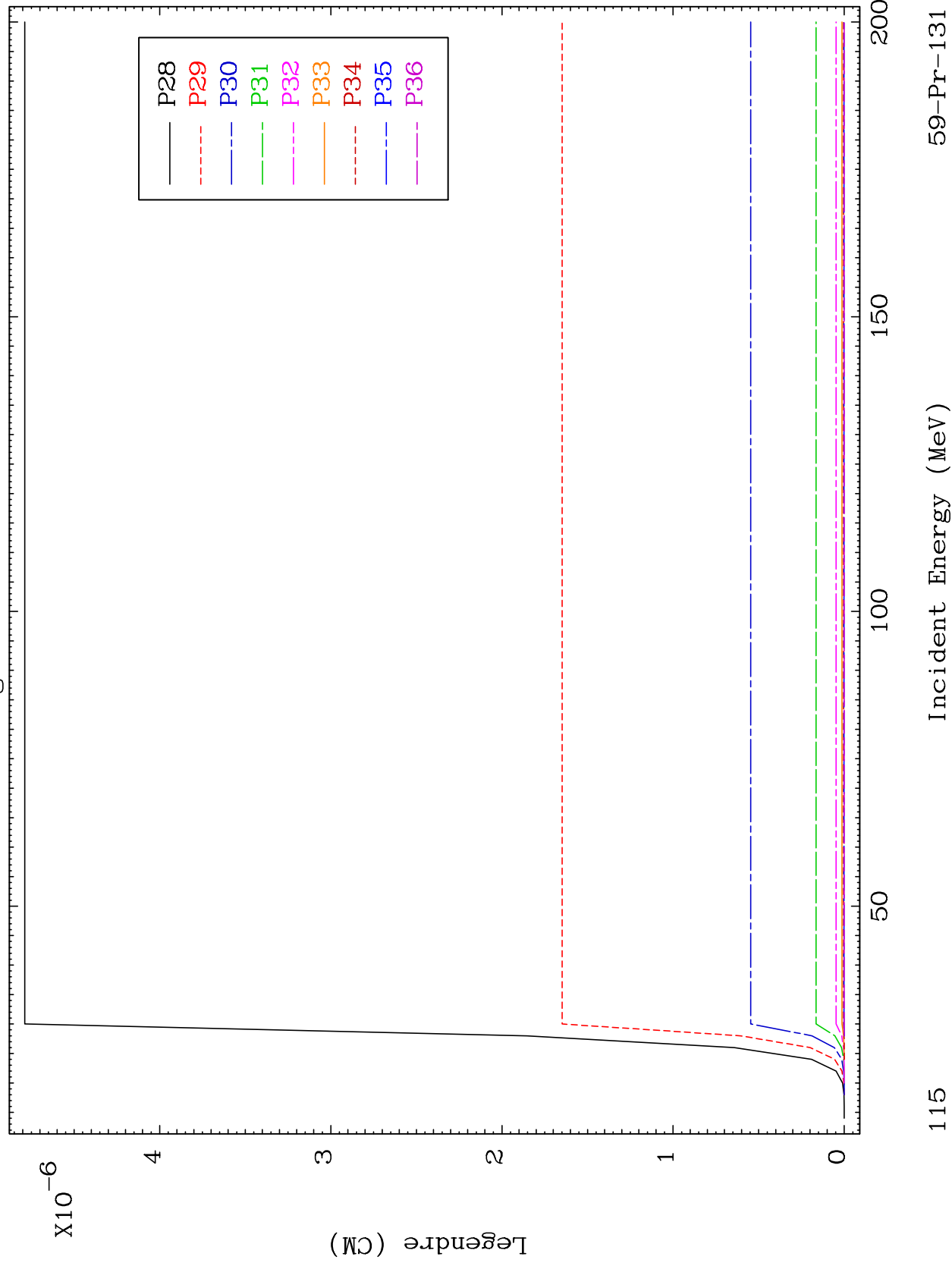
114

59-Pr-131

MAT 5895

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

59-Pr-131



115

Incident Energy (MeV)

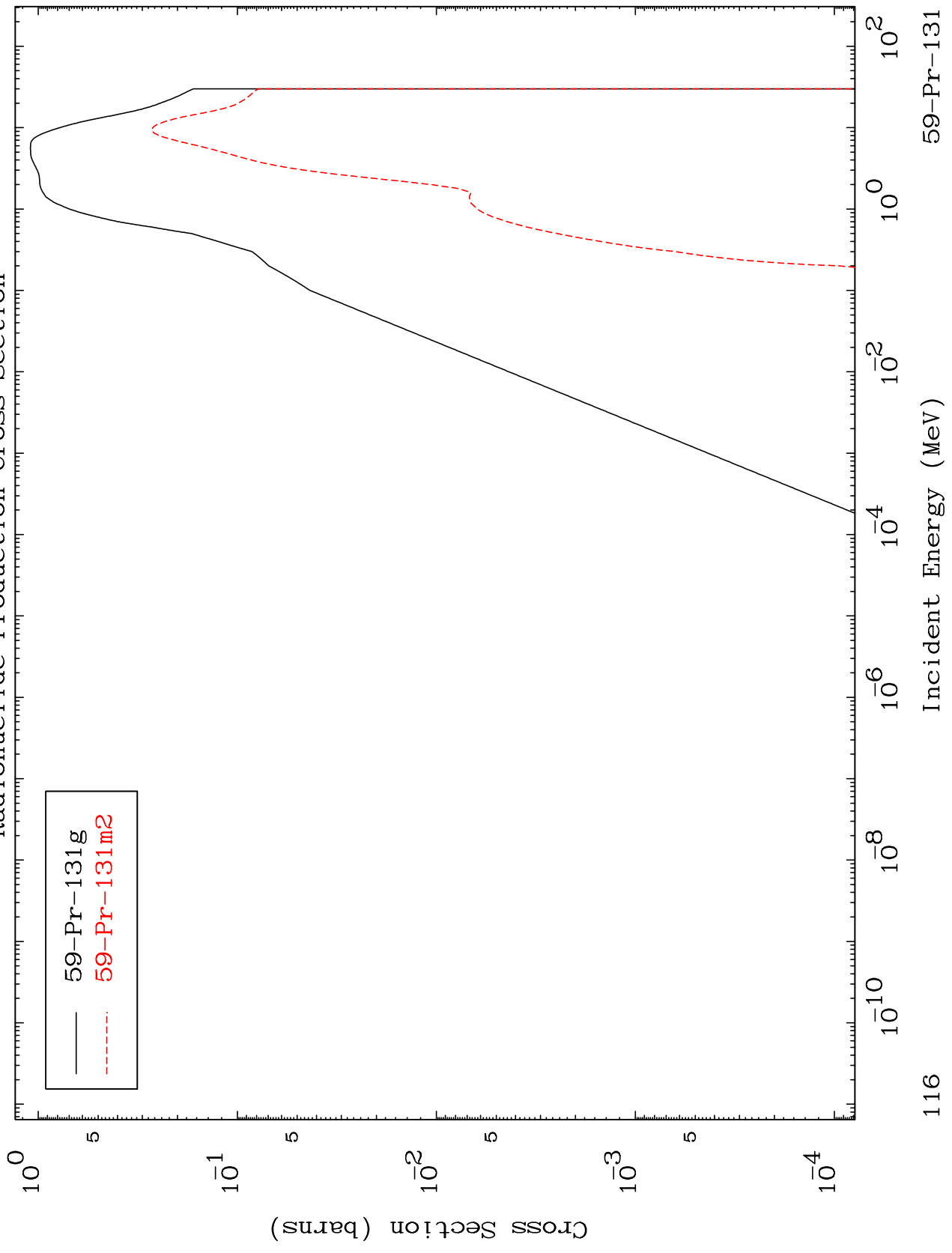
59-Pr-131

MAT 5895

Inelastic

59-Pr-131

Radionuclide Production Cross Section

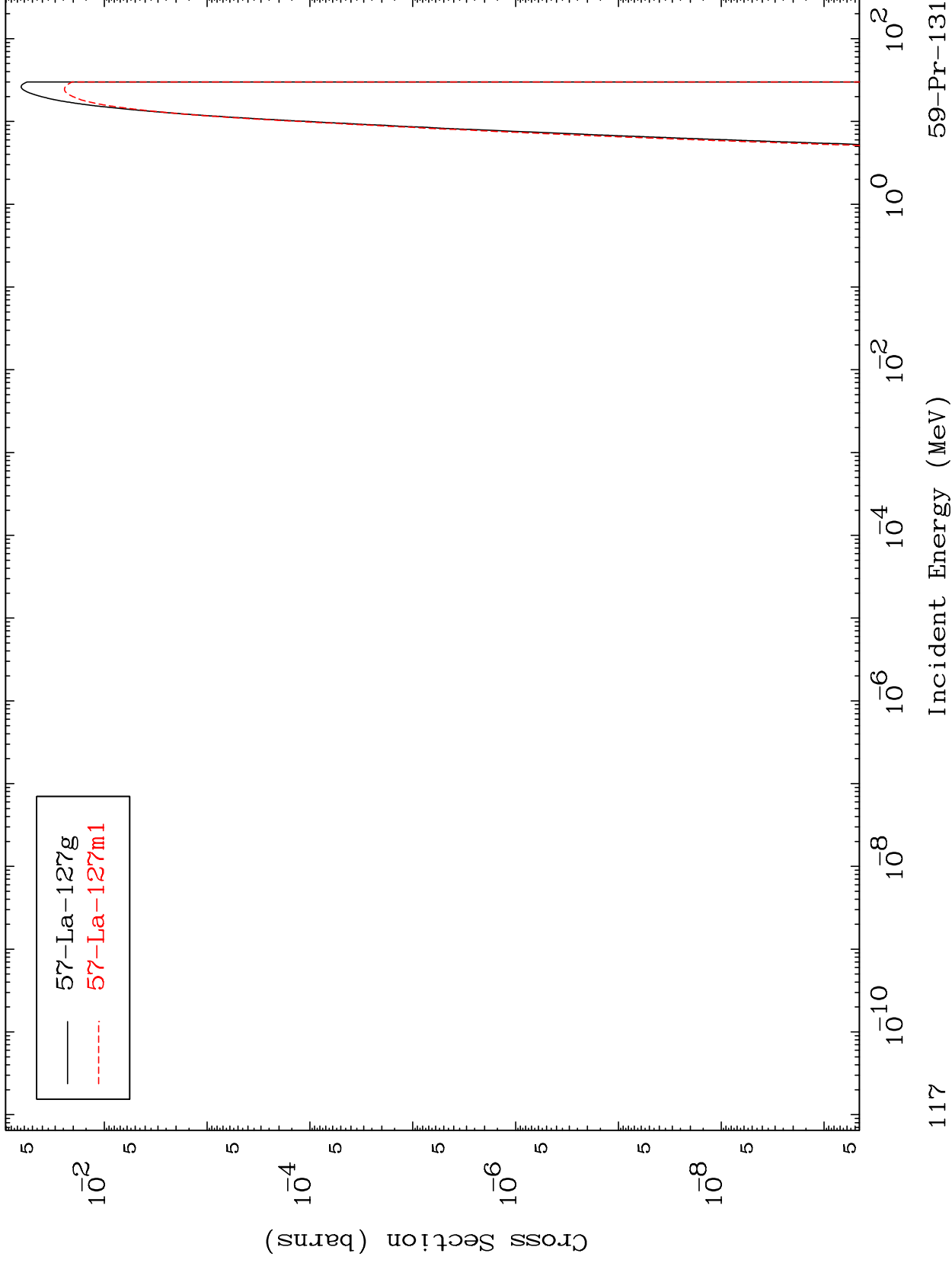


MAT 5895

(n,n') α

59-Pr-131

Radionuclide Production Cross Section

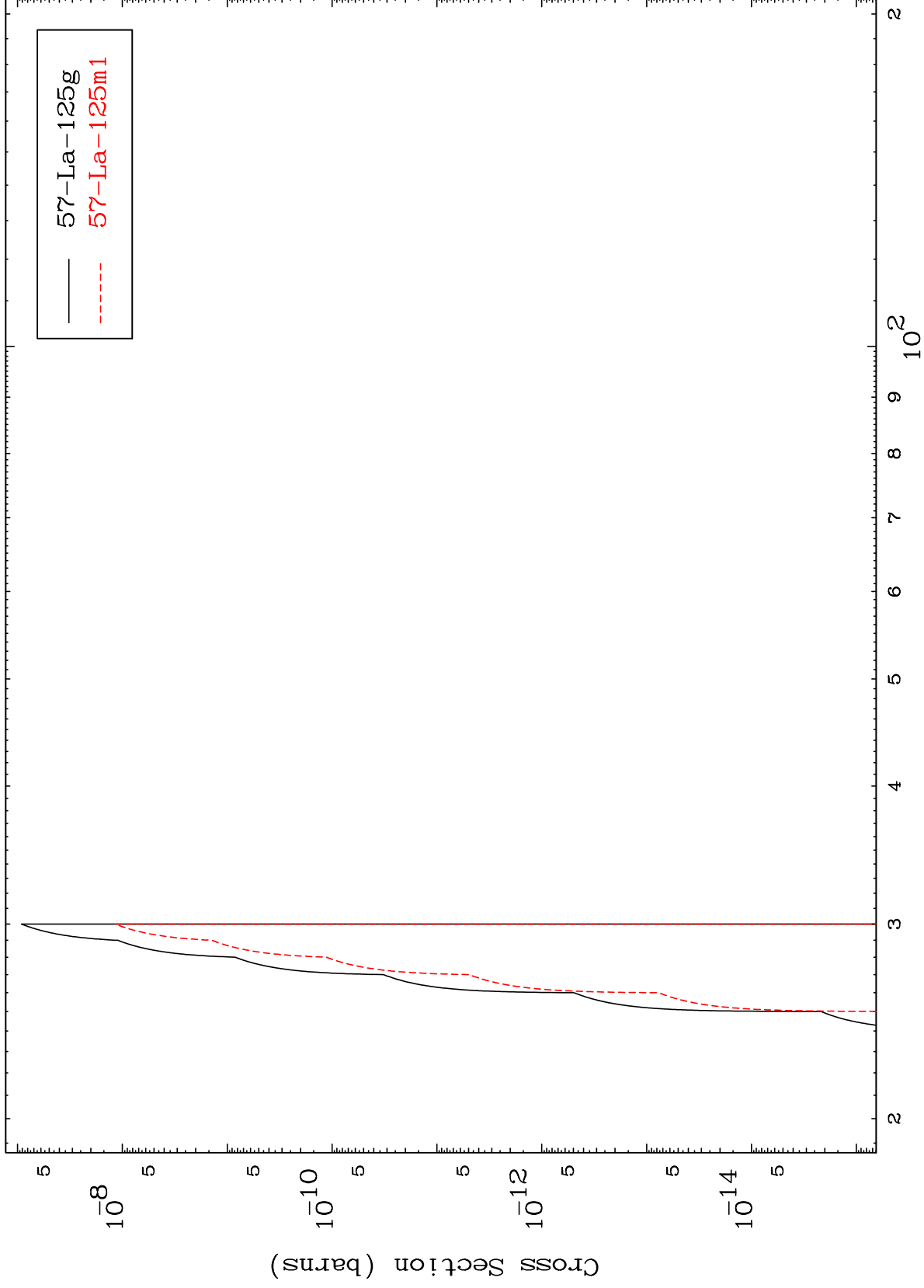


MAT 5895

(n,3n) α

59-Pr-131

Radionuclide Production Cross Section



118

Incident Energy (MeV)

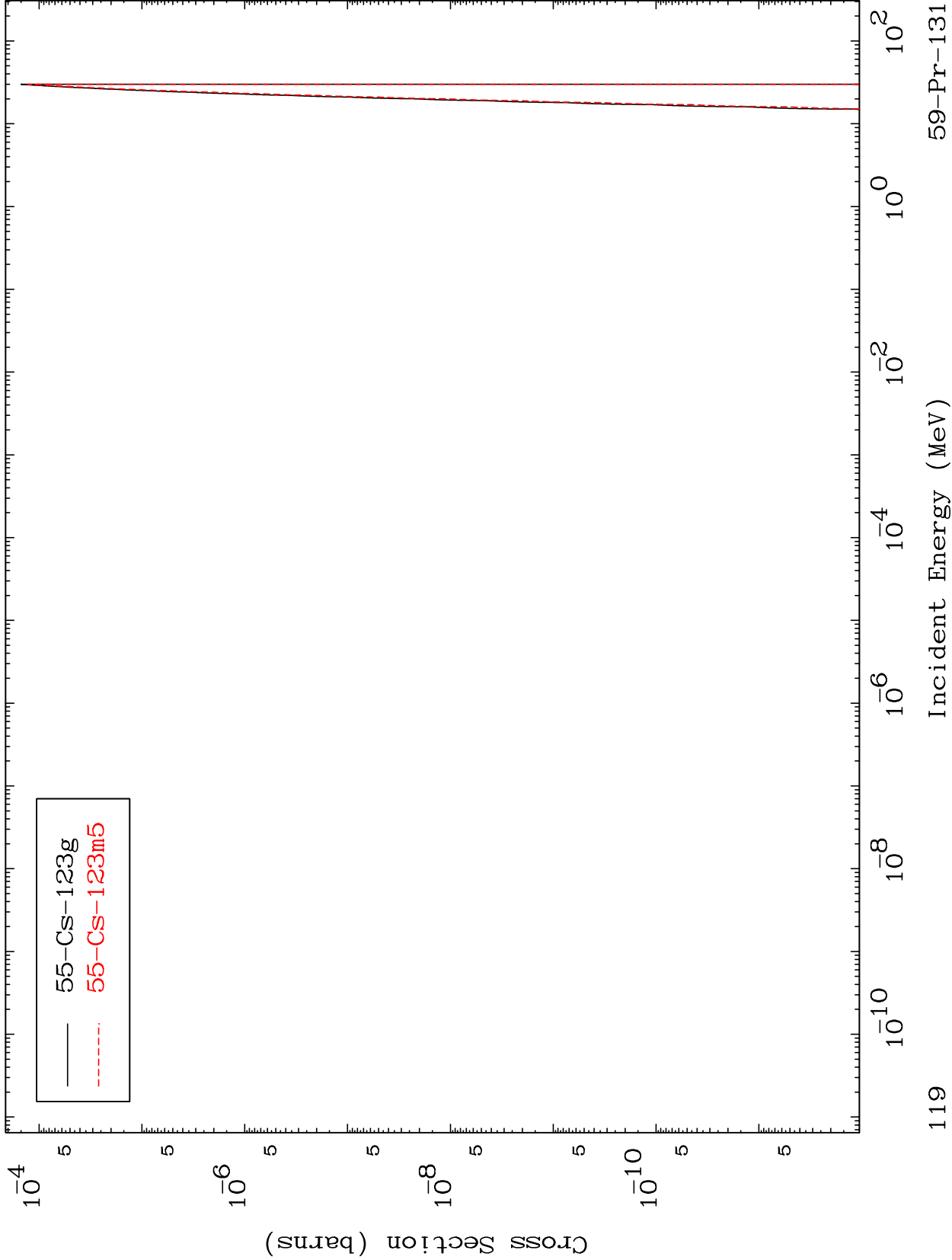
59-Pr-131

MAT 5895

(n,n') 2 α

59-Pr-131

Radionuclide Production Cross Section

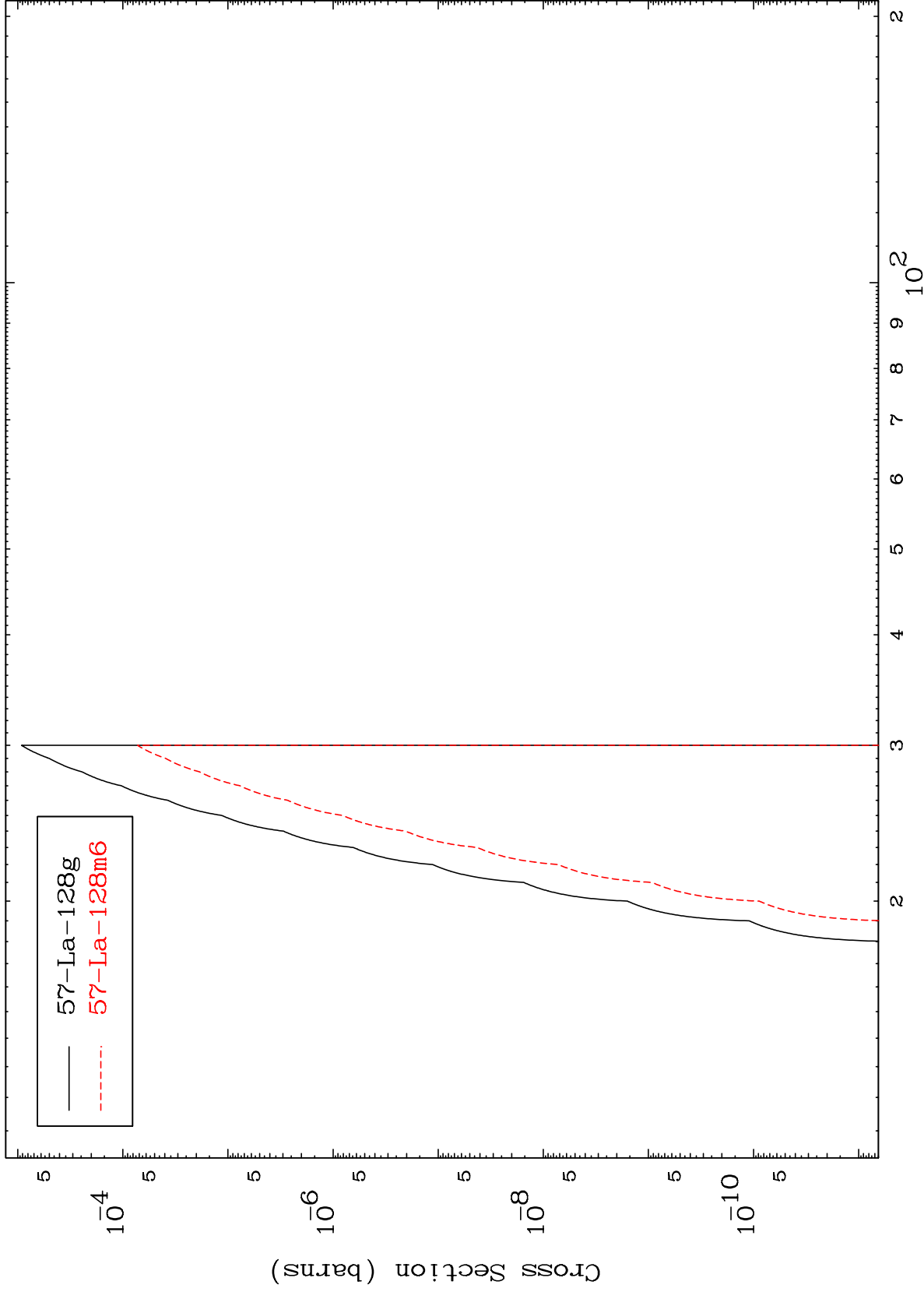


MAT 5895

(n,n') He-3

59-Pr-131

Radionuclide Production Cross Section



120

Incident Energy (MeV)

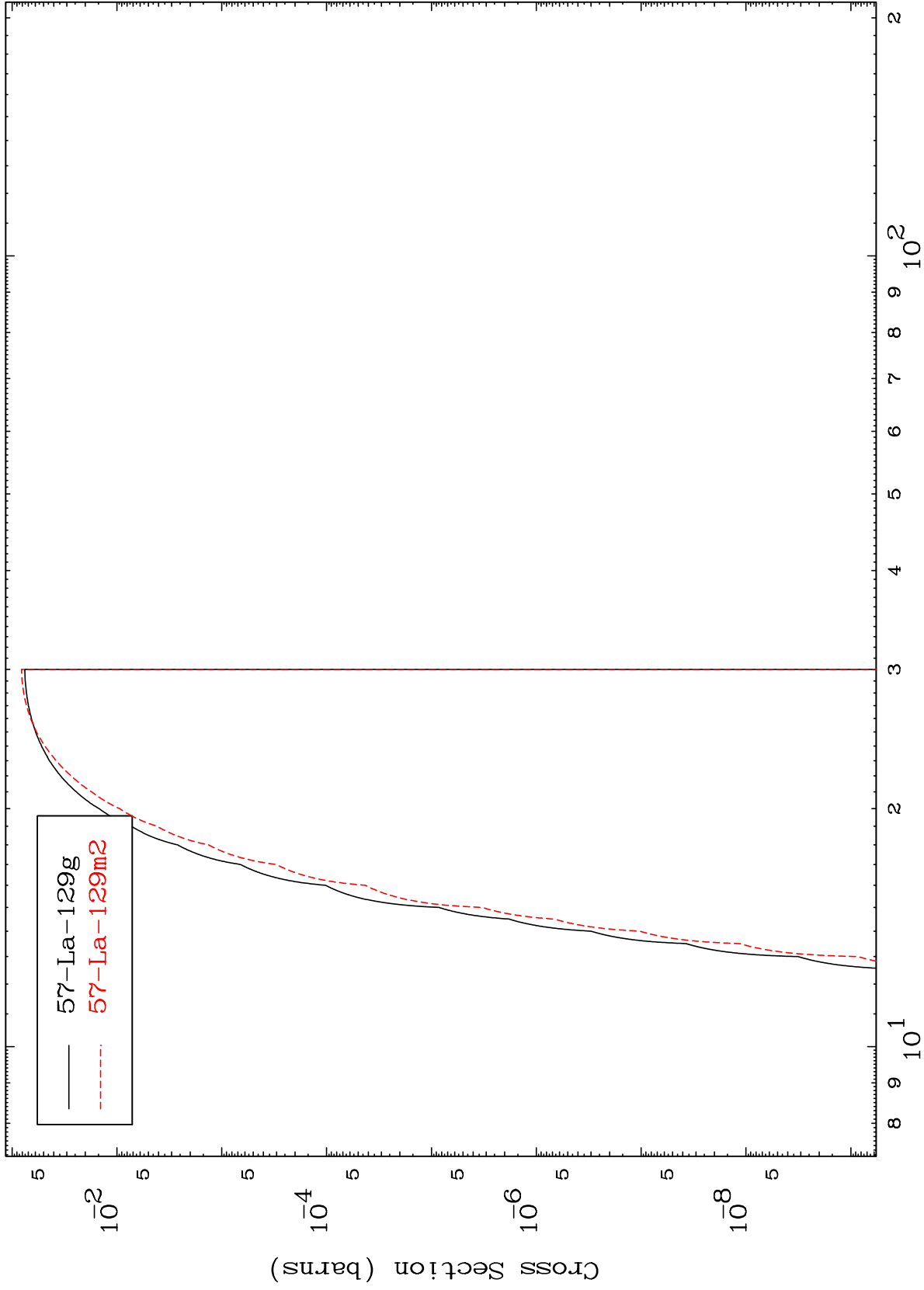
59-Pr-131

MAT 5895

(n,2n) p

59-Pr-131

Radionuclide Production Cross Section



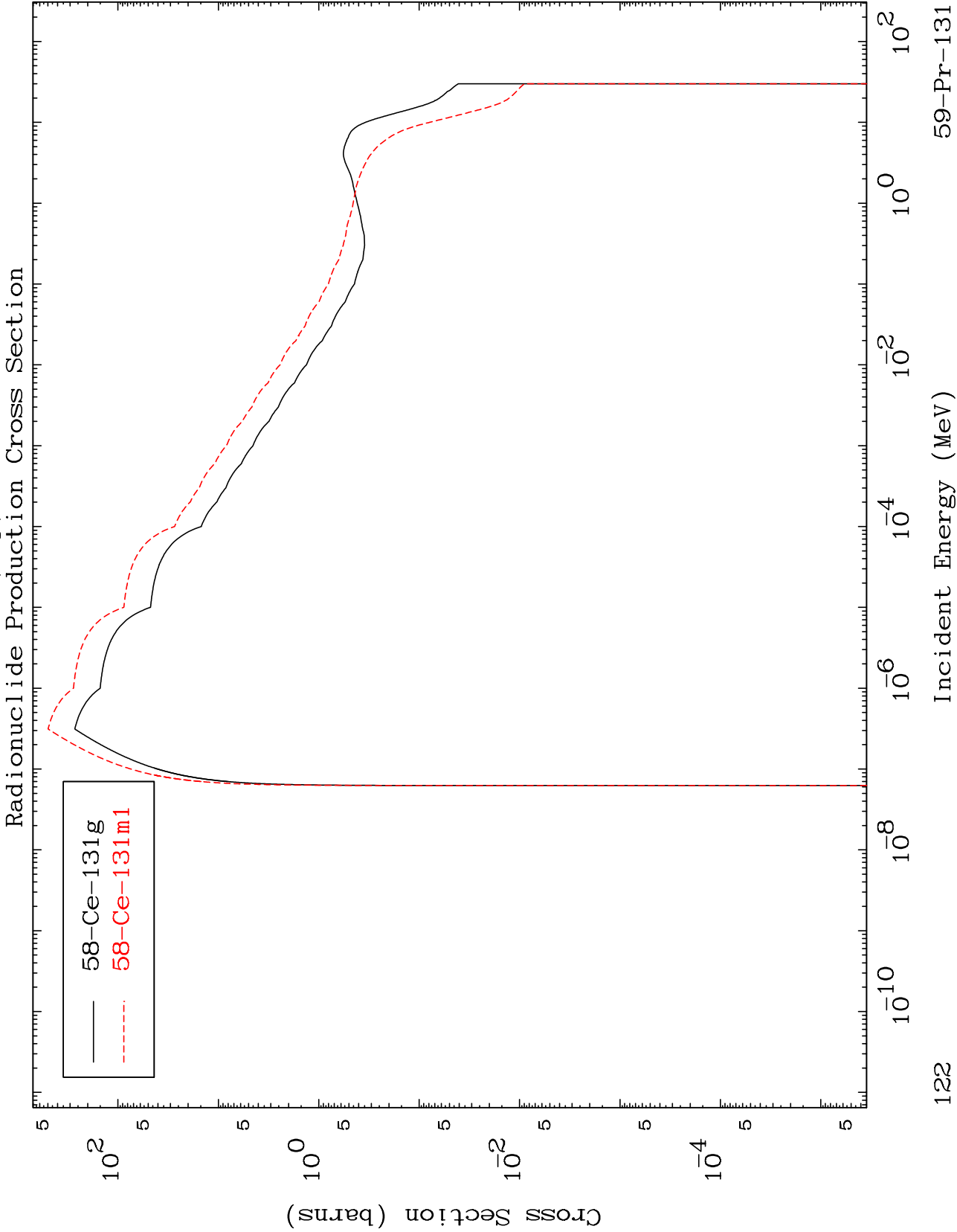
121

Incident Energy (MeV)

59-Pr-131

MAT 5895

59-Pr-131



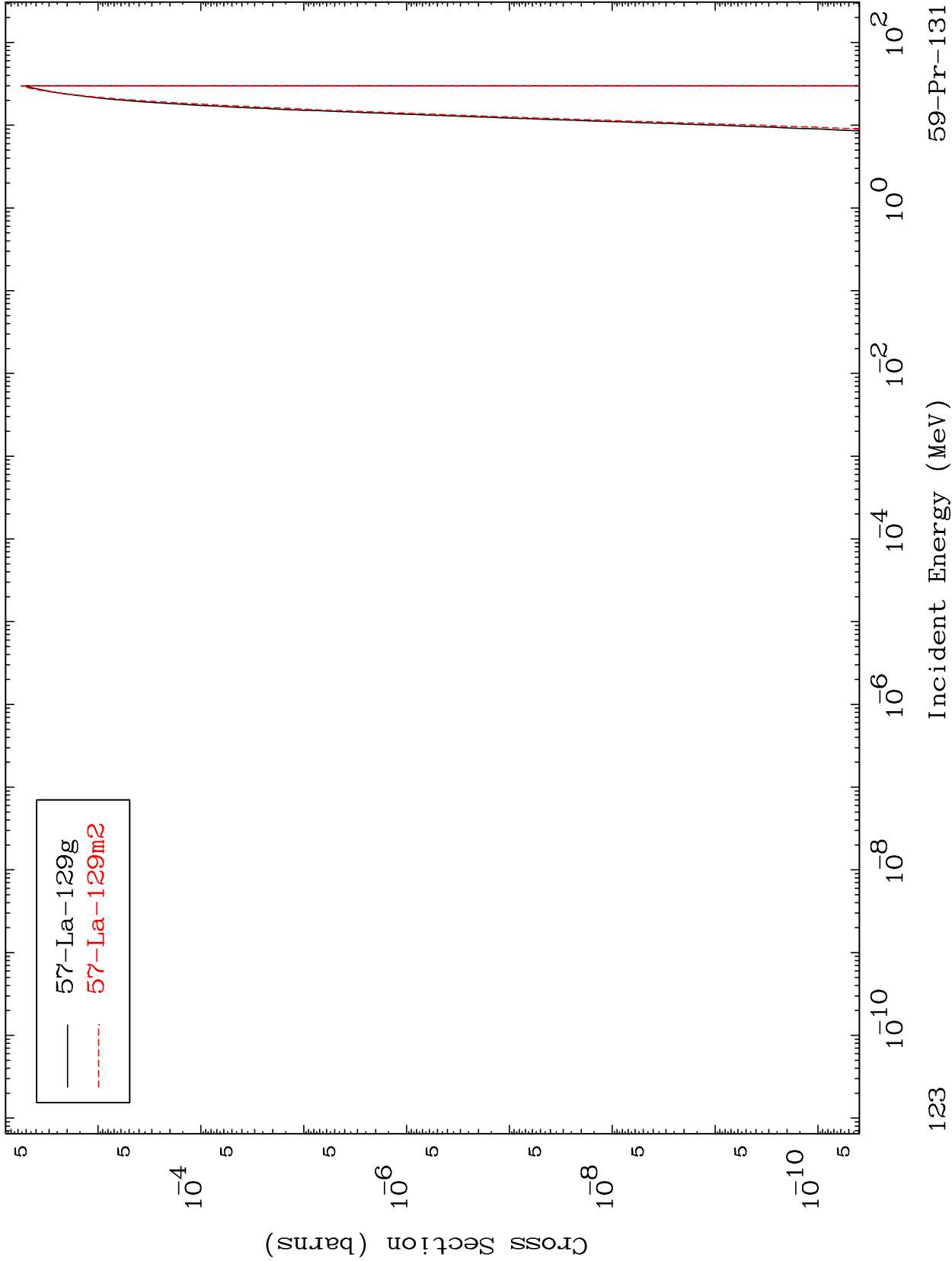
— 58-Ce-131g
- - - 58-Ce-131m1

MAT 5895

(n,He-3)

59-Pr-131

Radionuclide Production Cross Section

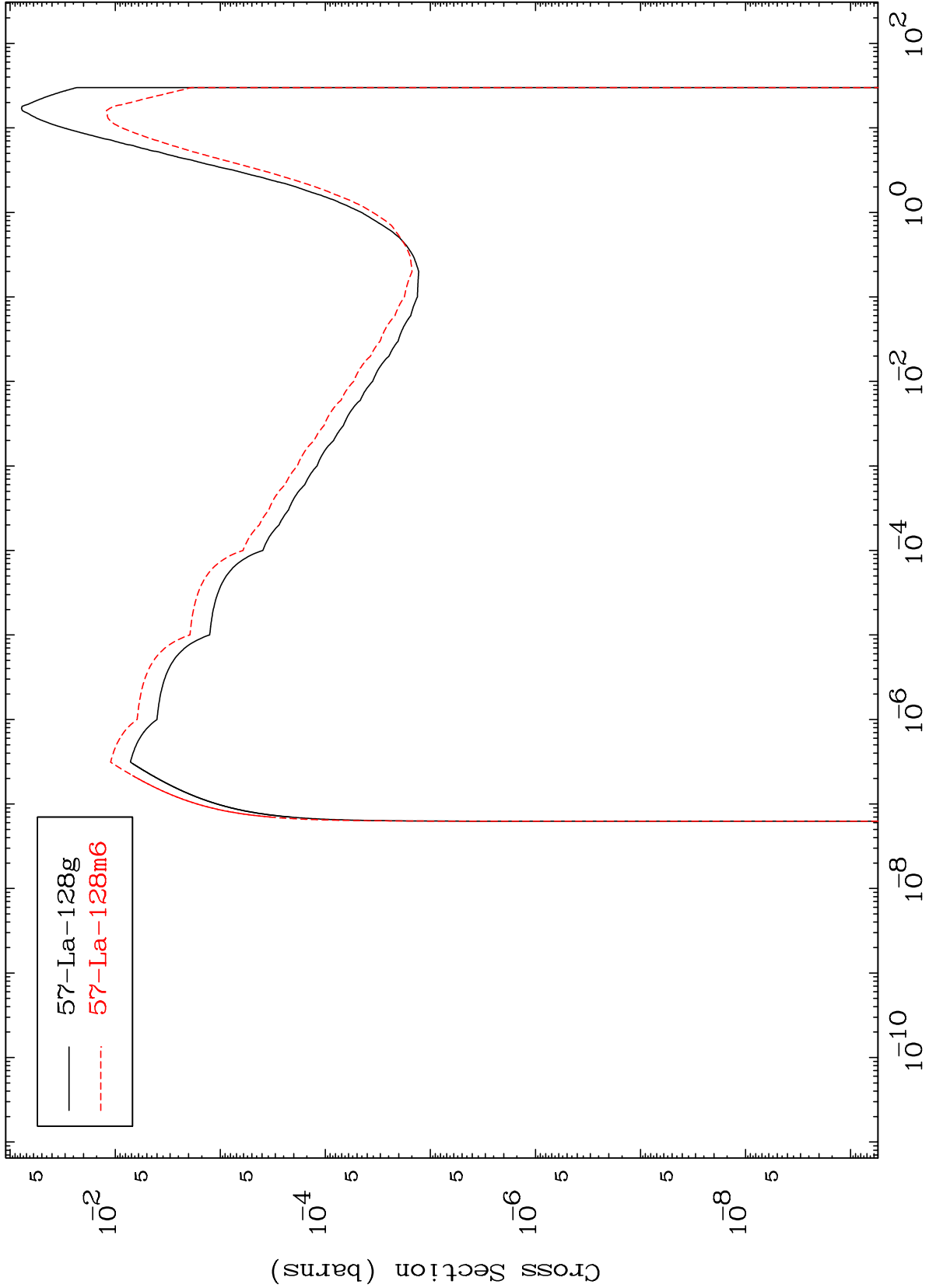


57-La-129g
57-La-129m2

MAT 5895

59-Pr-131

Radionuclide Production Cross Section
(n, α)



— 57-La-128g
- - - 57-La-128m6

124

59-Pr-131

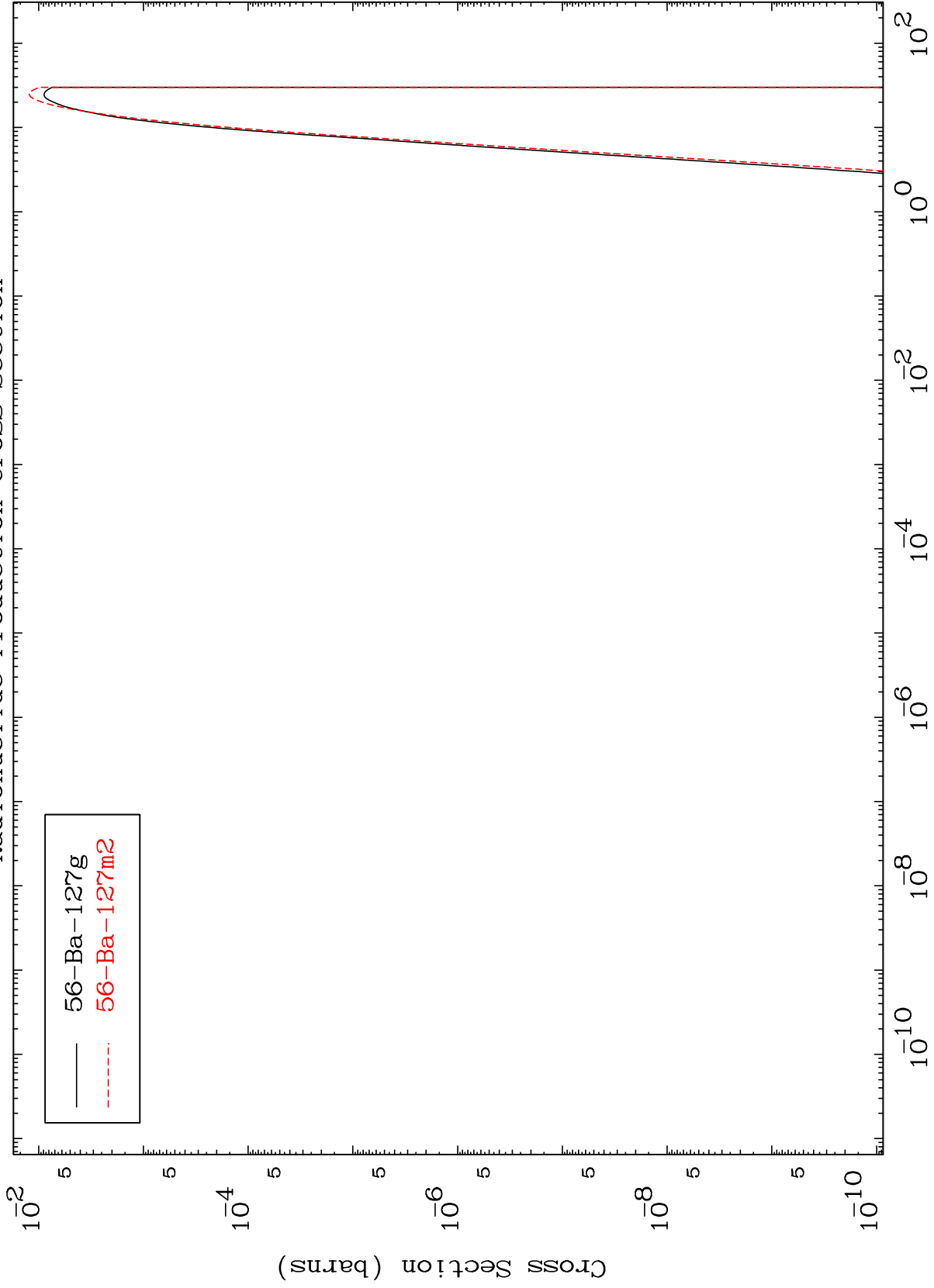
Incident Energy (MeV)

MAT 5895

(n,p) α

59-Pr-131

Radionuclide Production Cross Section

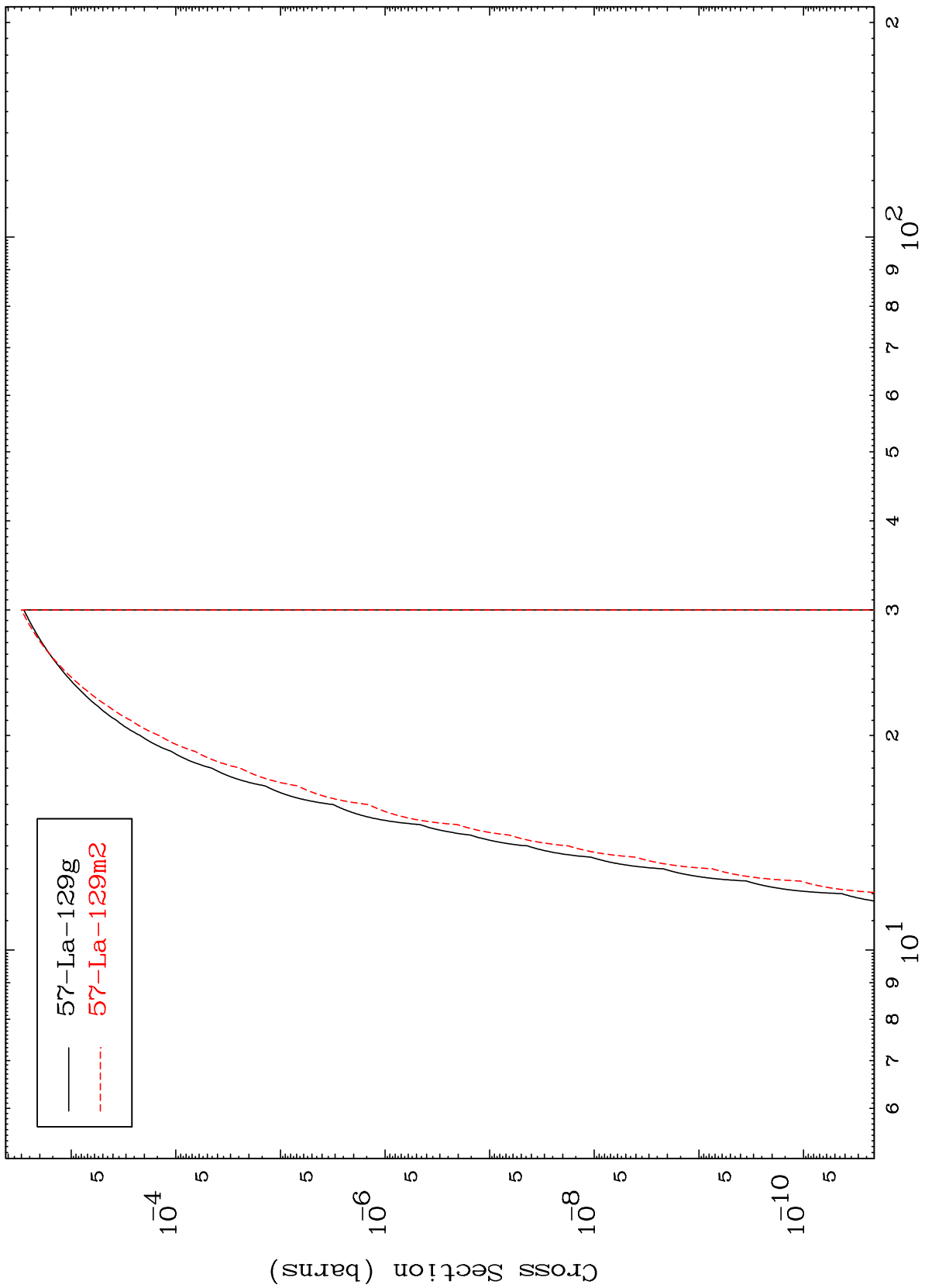


125

Incident Energy (MeV)

59-Pr-131

Radionuclide Production Cross Section

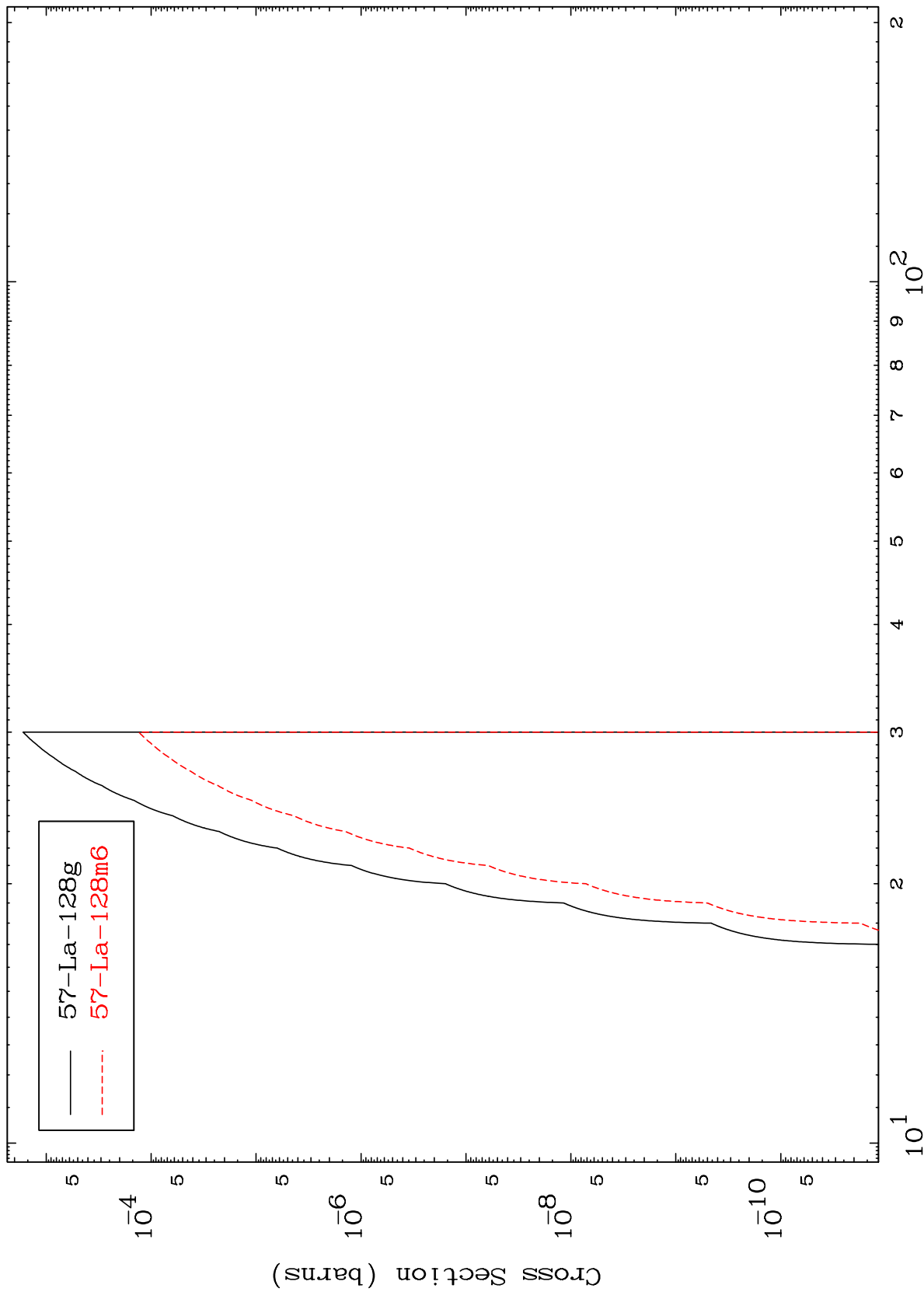


MAT 5895

(n,p) t

59-Pr-131

Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-131

127