

Program EVALPLOT
(Version 2018-1)

by

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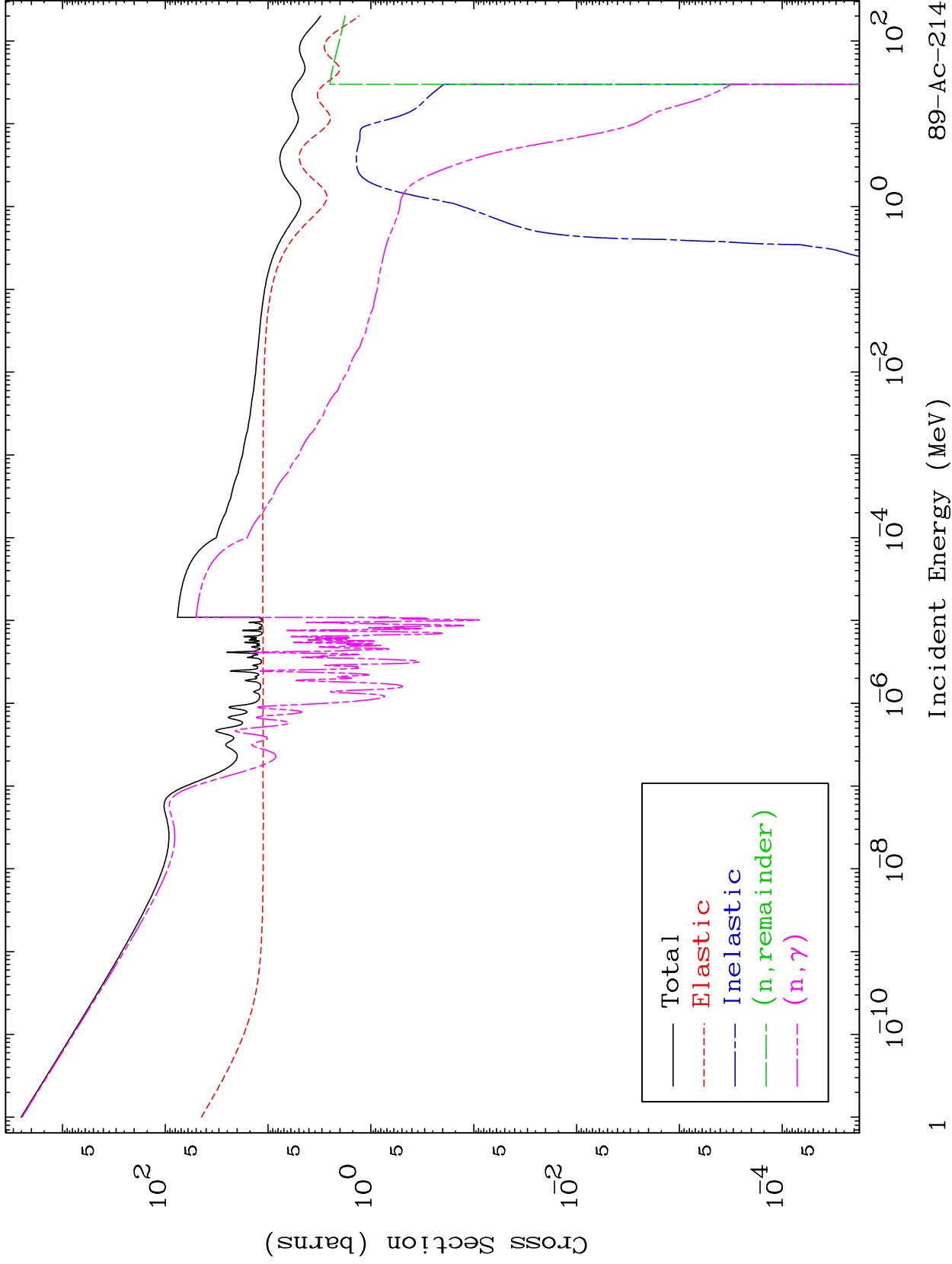
Press Mouse Button to Start

MAT 8892

Major

293 Kelvin Cross Sections

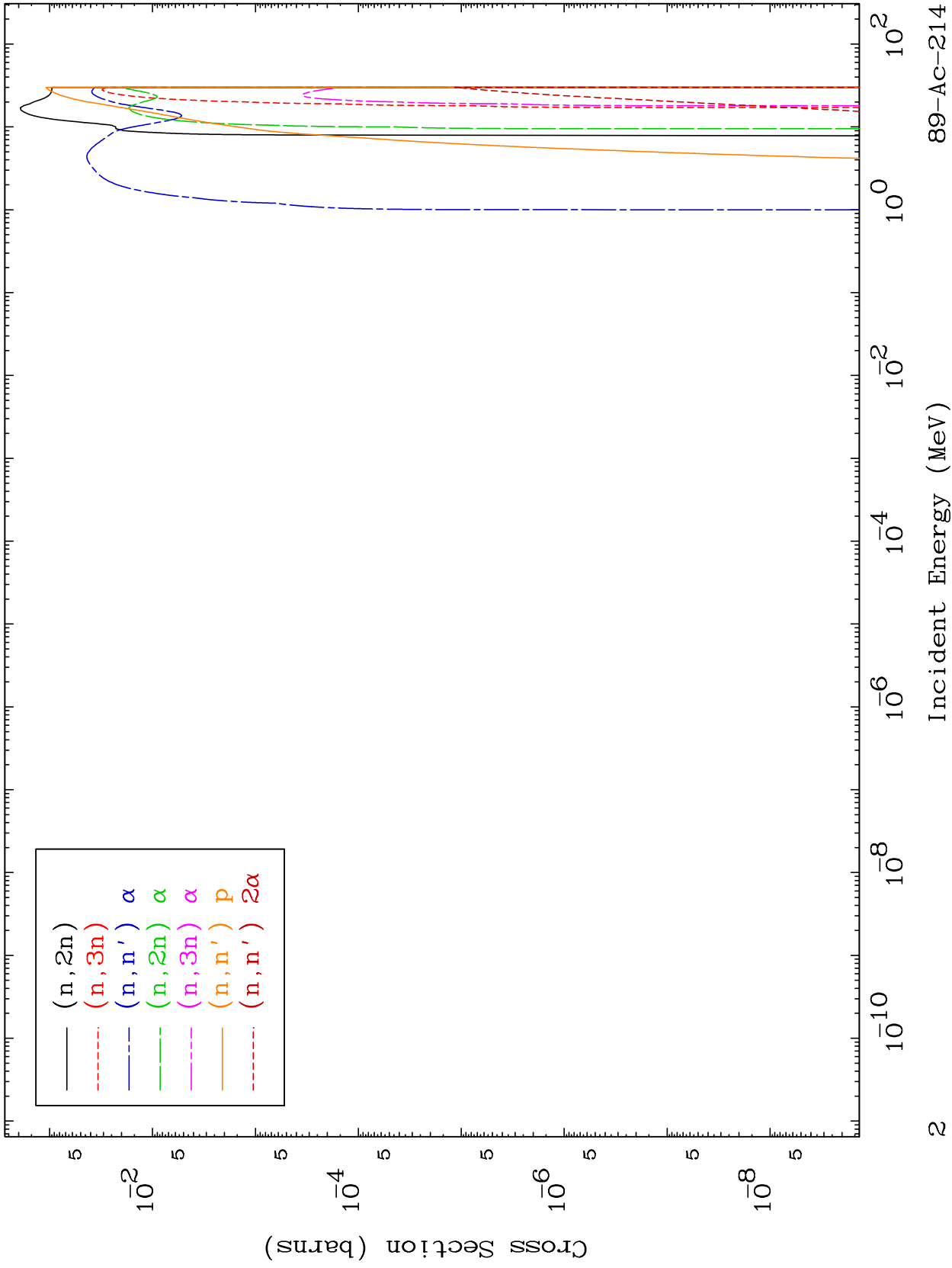
89-Ac-214



MAT 8892

Neutron Production
293 Kelvin Cross Sections

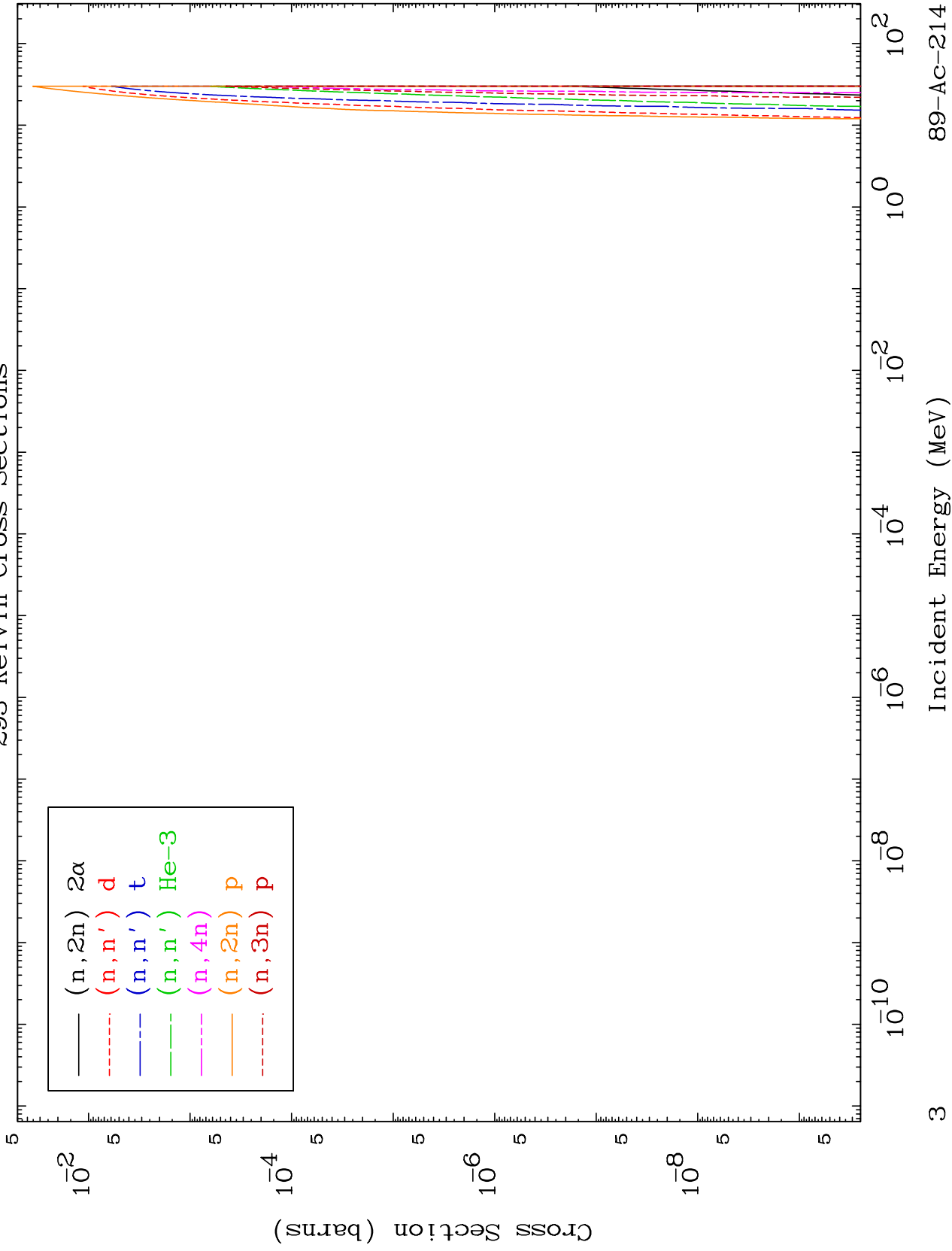
89-Ac-214



MAT 8892

Neutron Production
293 Kelvin Cross Sections

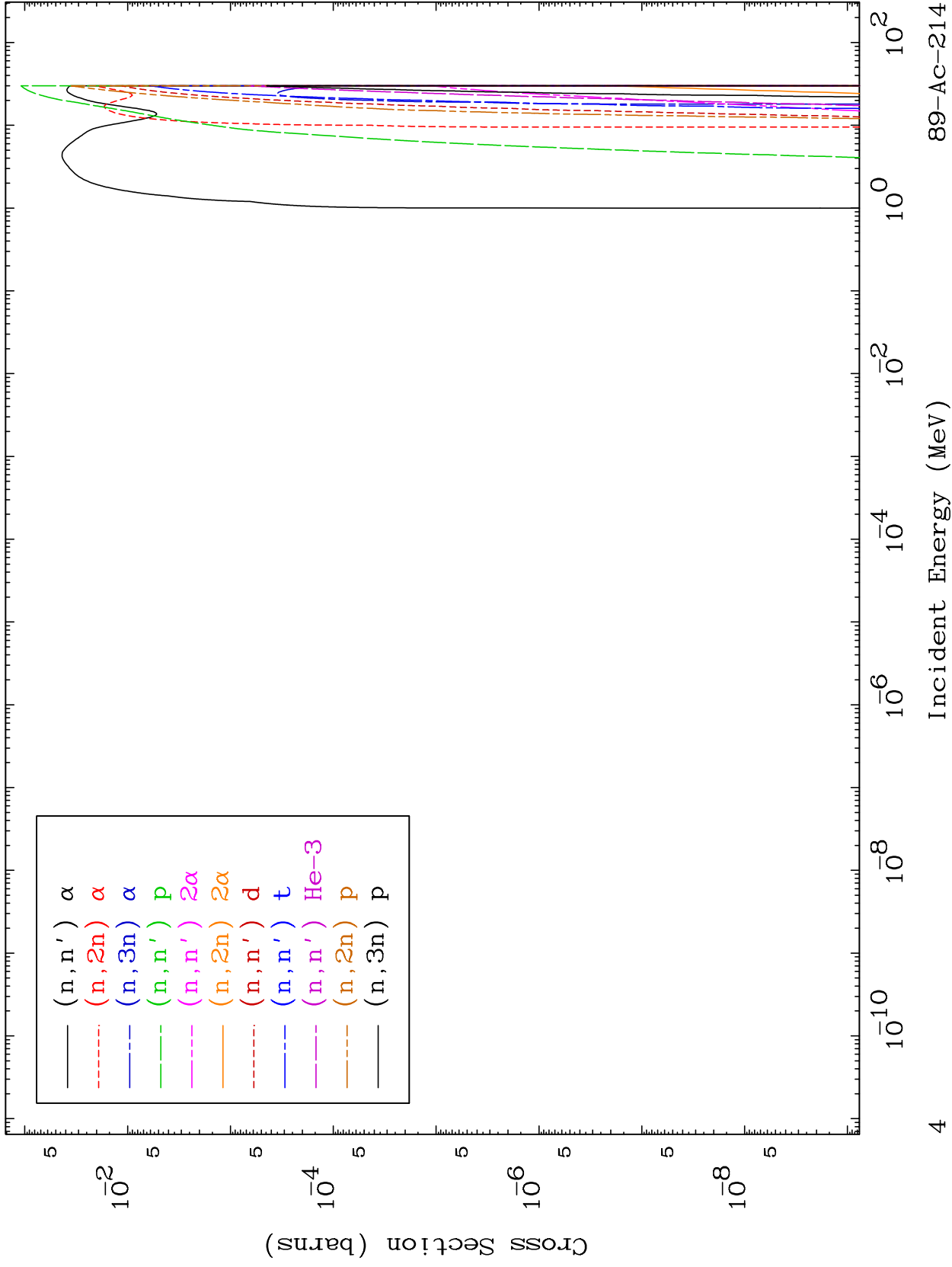
89-Ac-214

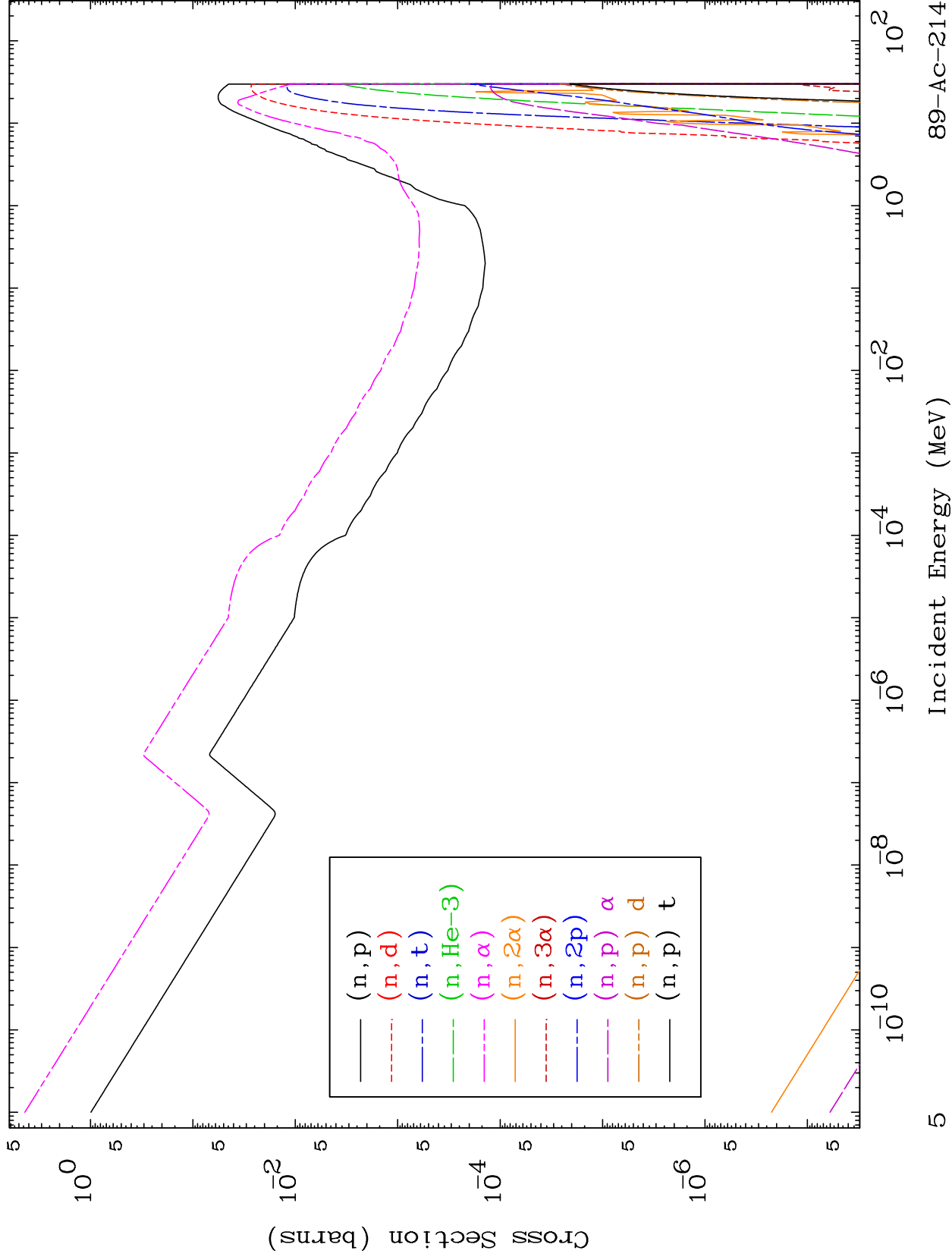


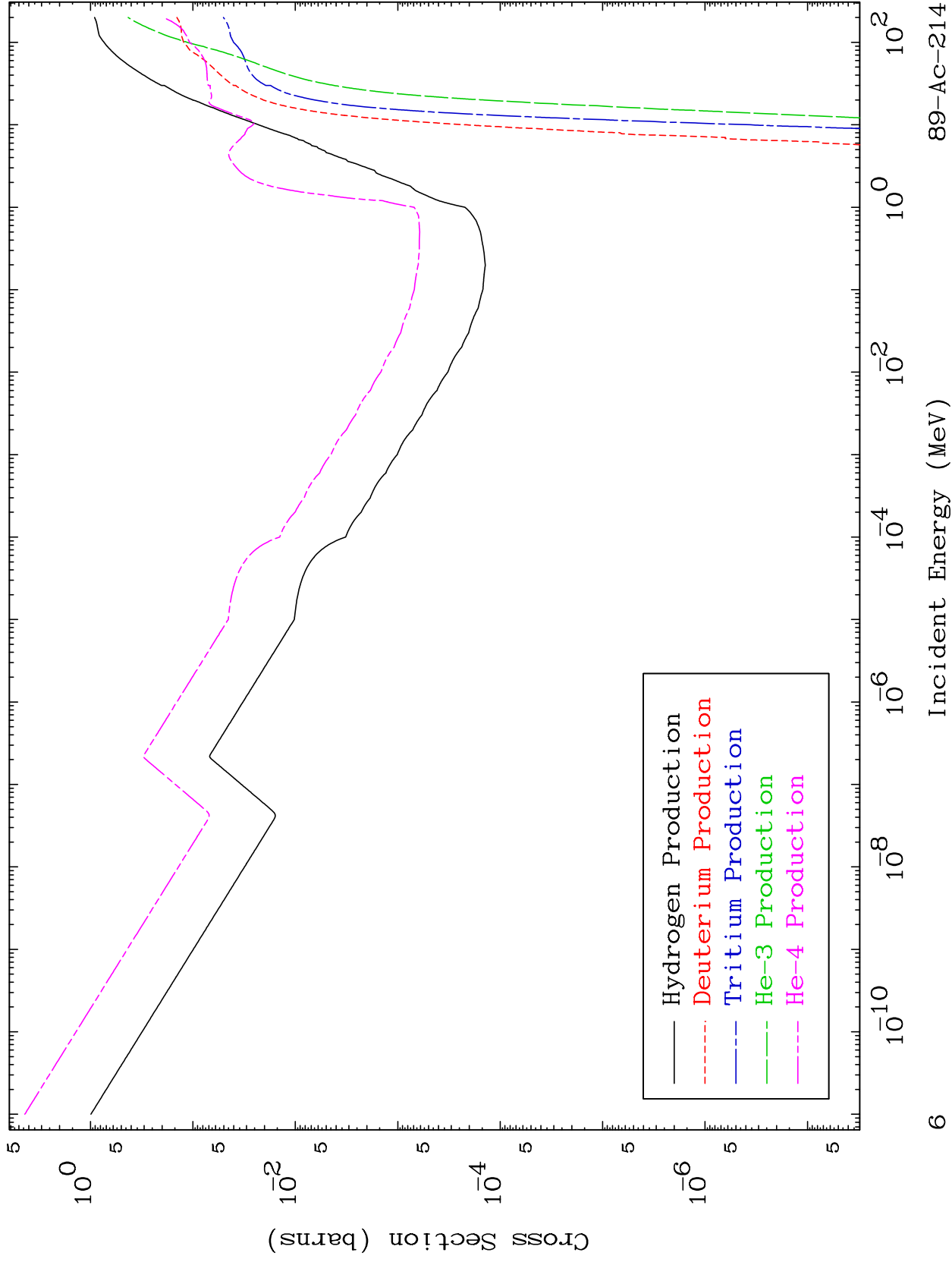
MAT 8892

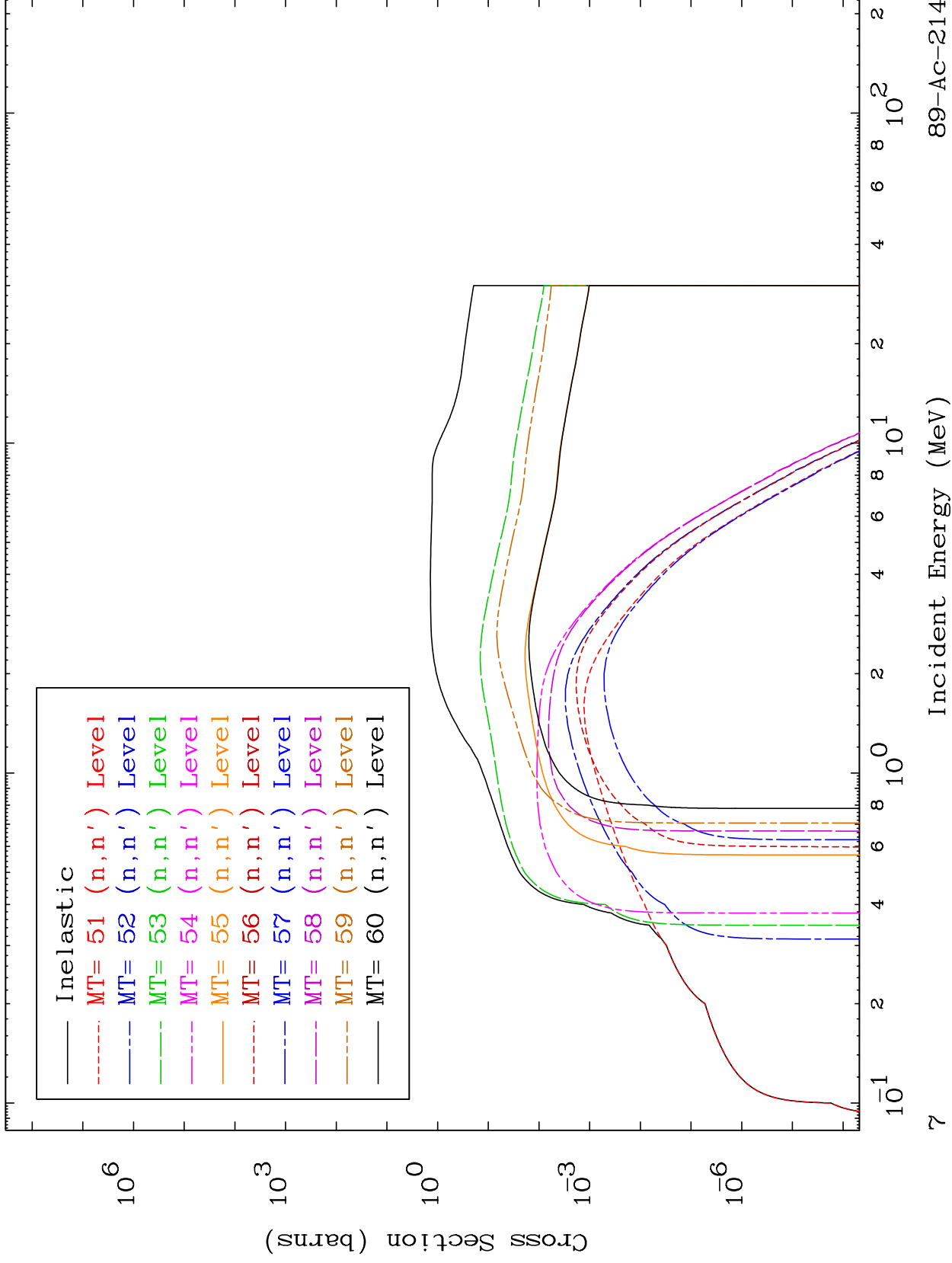
Charged Particle
293 Kelvin Cross Sections

89-Ac-214







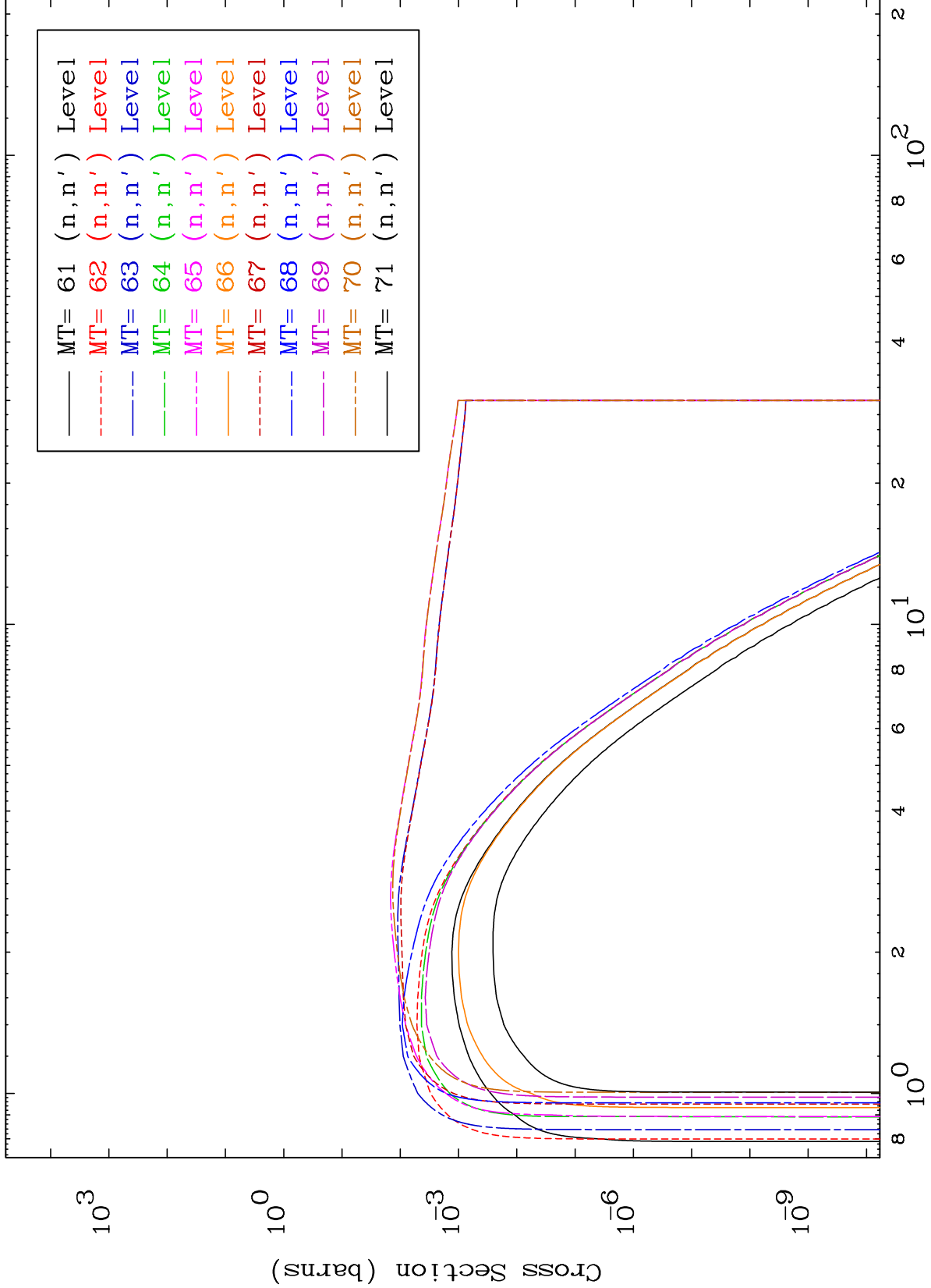


MAT 8892

(n,n') Level

89-Ac-214

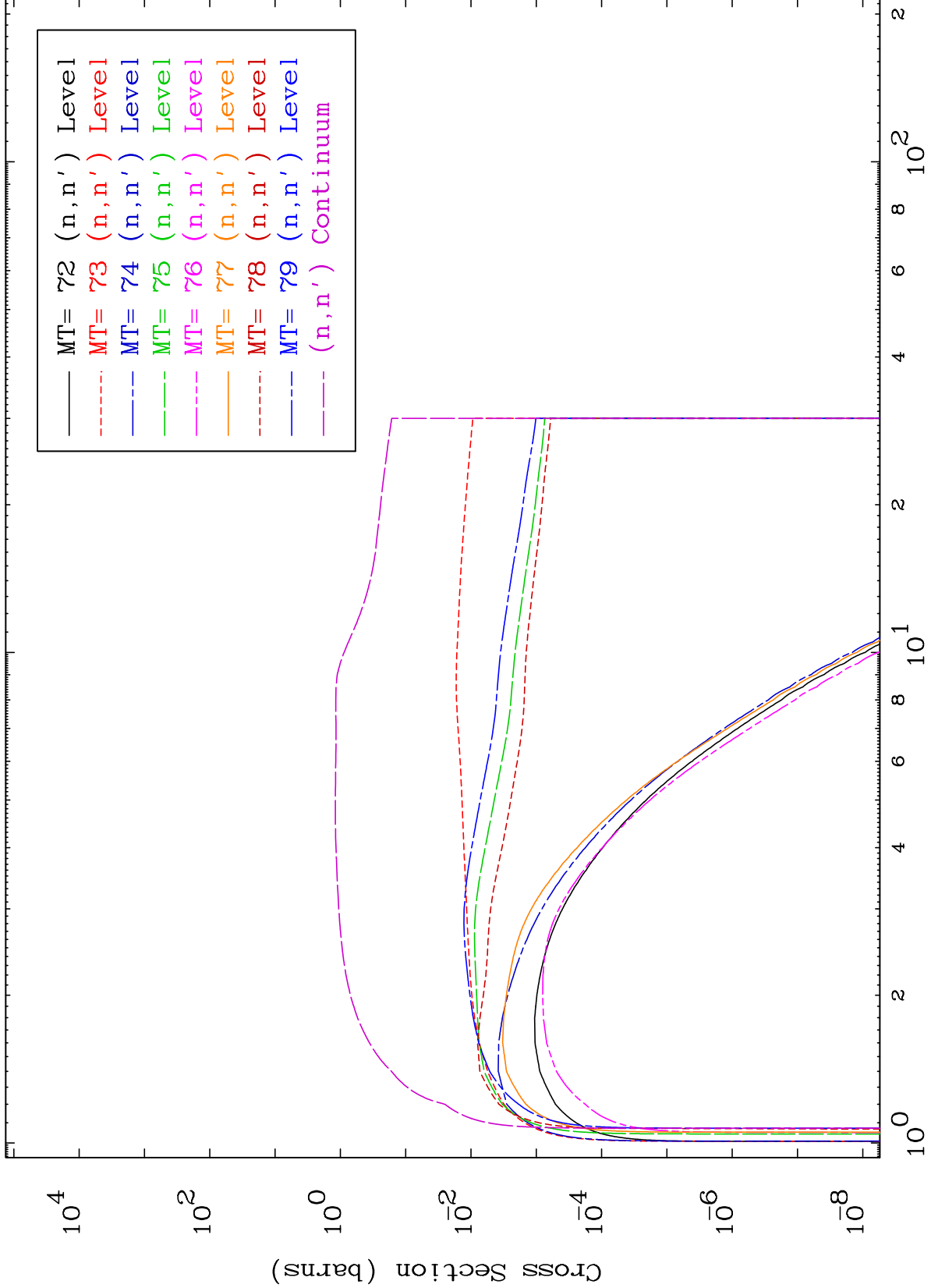
293 Kelvin Cross Sections



Incident Energy (MeV)

89-Ac-214

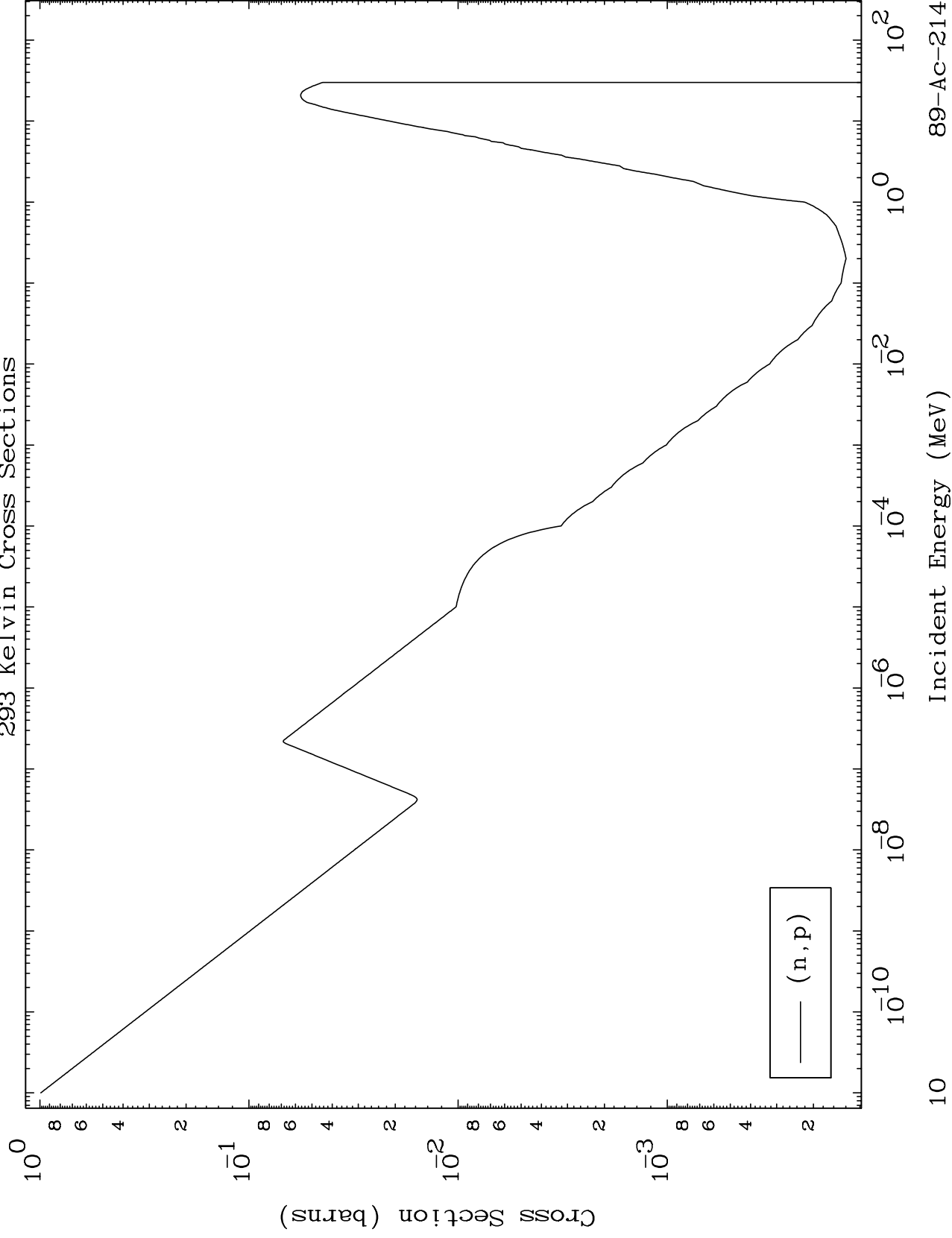
293 Kelvin Cross Sections



MAT 8892

(n,p) Levels
293 Kelvin Cross Sections

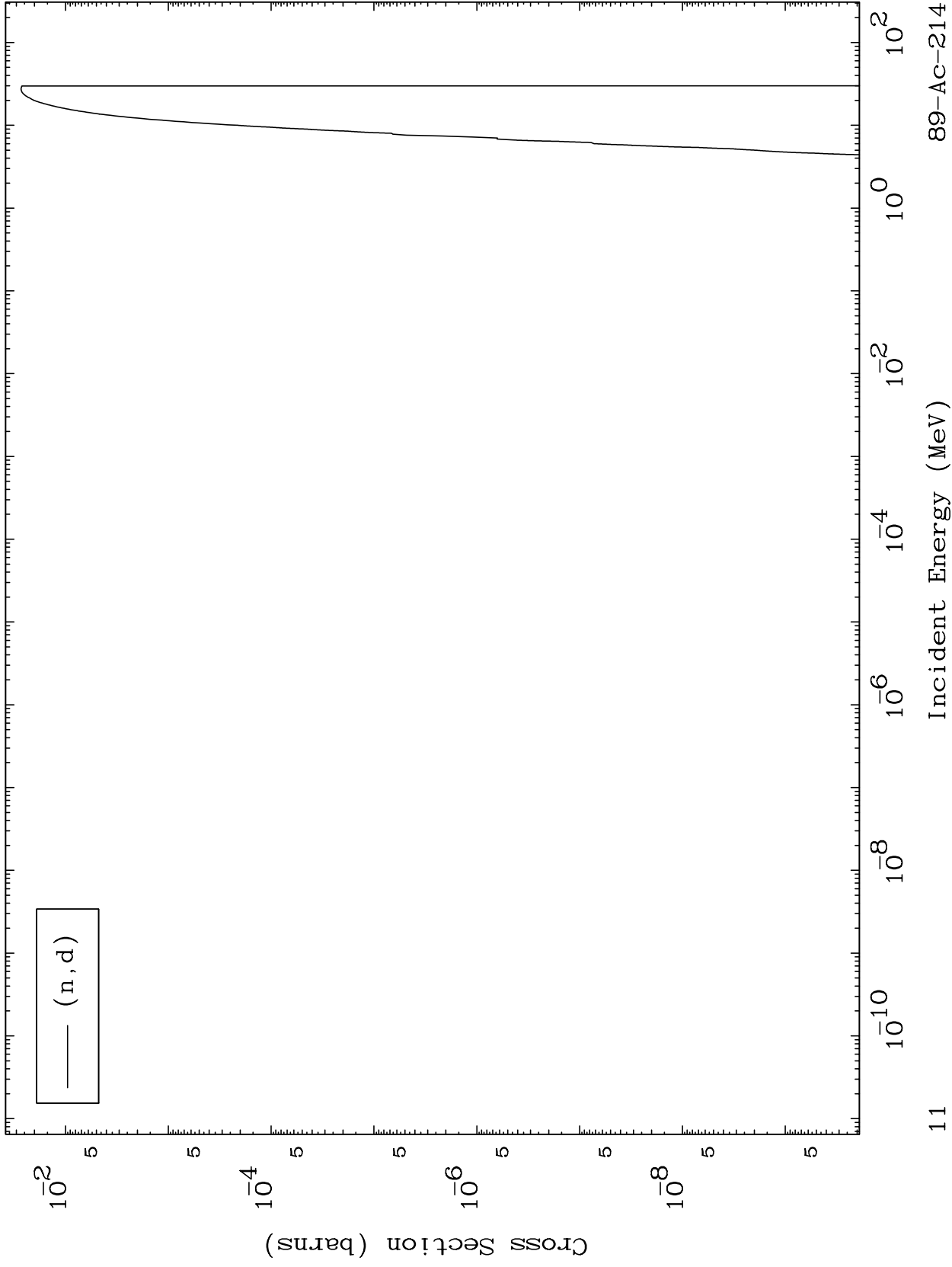
89-Ac-214



MAT 8892

(n,d) Levels
293 Kelvin Cross Sections

89-Ac-214

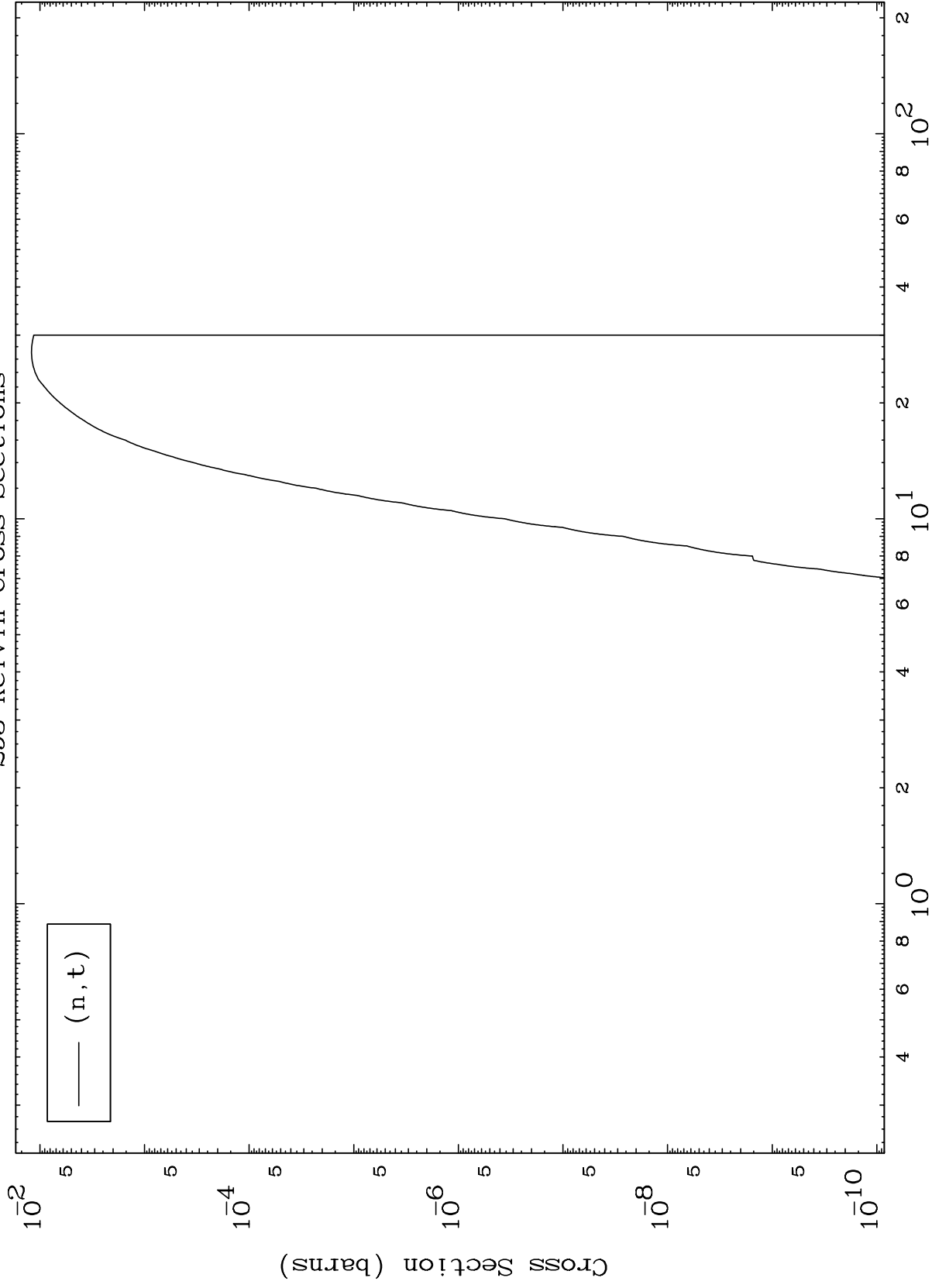


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MAT 8892

(n,t) Levels
293 Kelvin Cross Sections

89-Ac-214



12

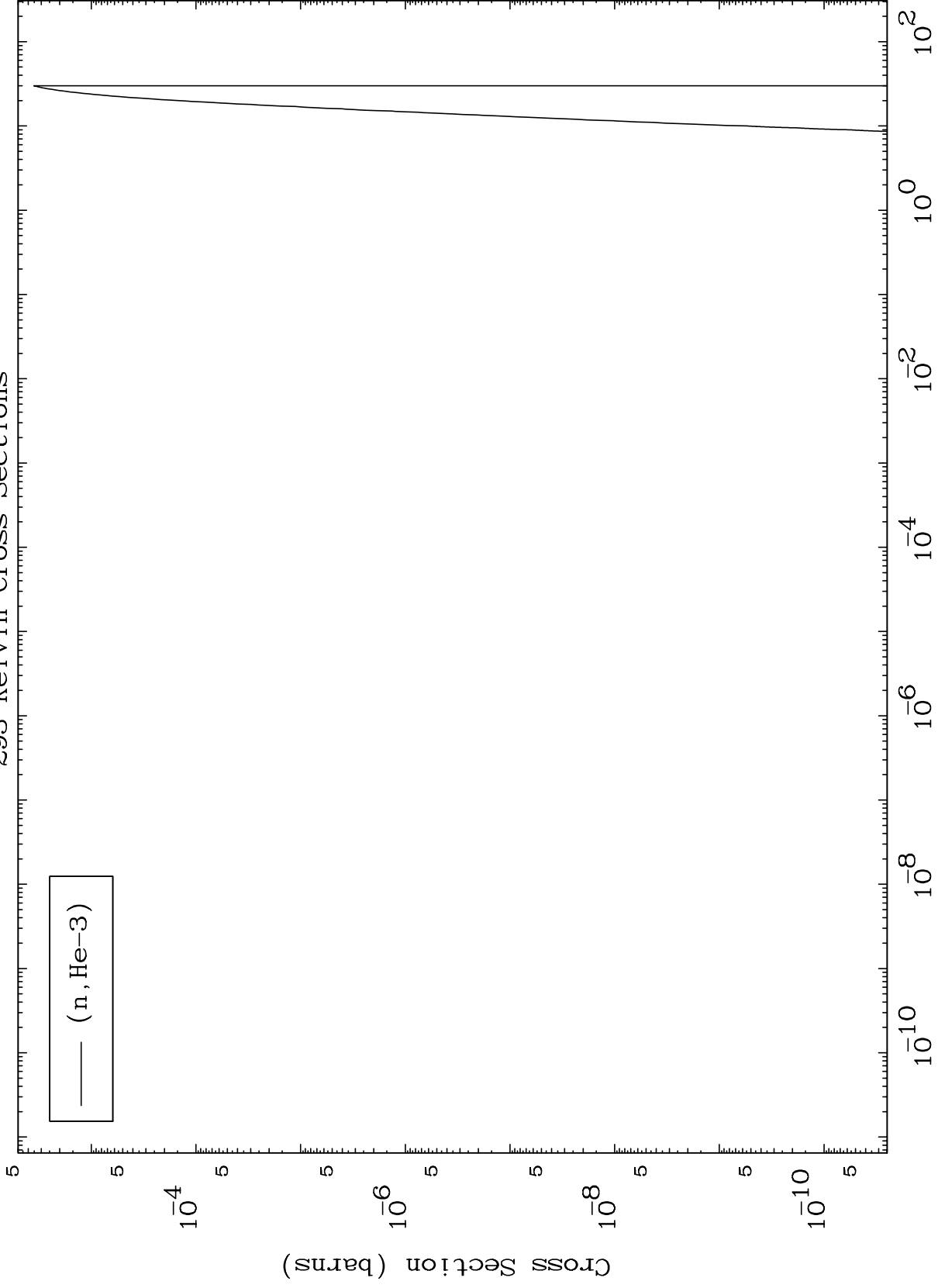
Incident Energy (MeV)

89-Ac-214

MAT 8892

(n,He3) Levels
293 Kelvin Cross Sections

89-Ac-214

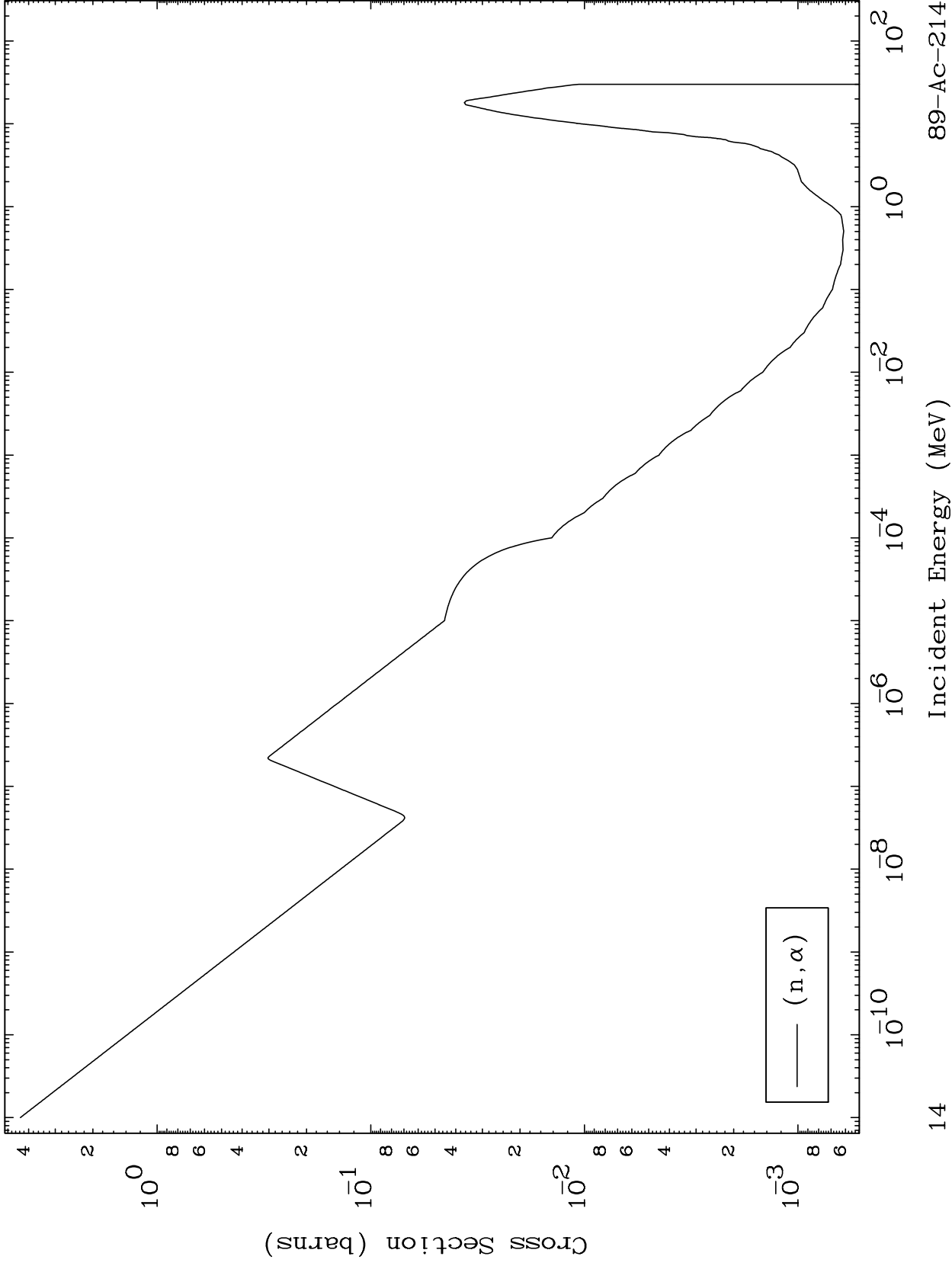


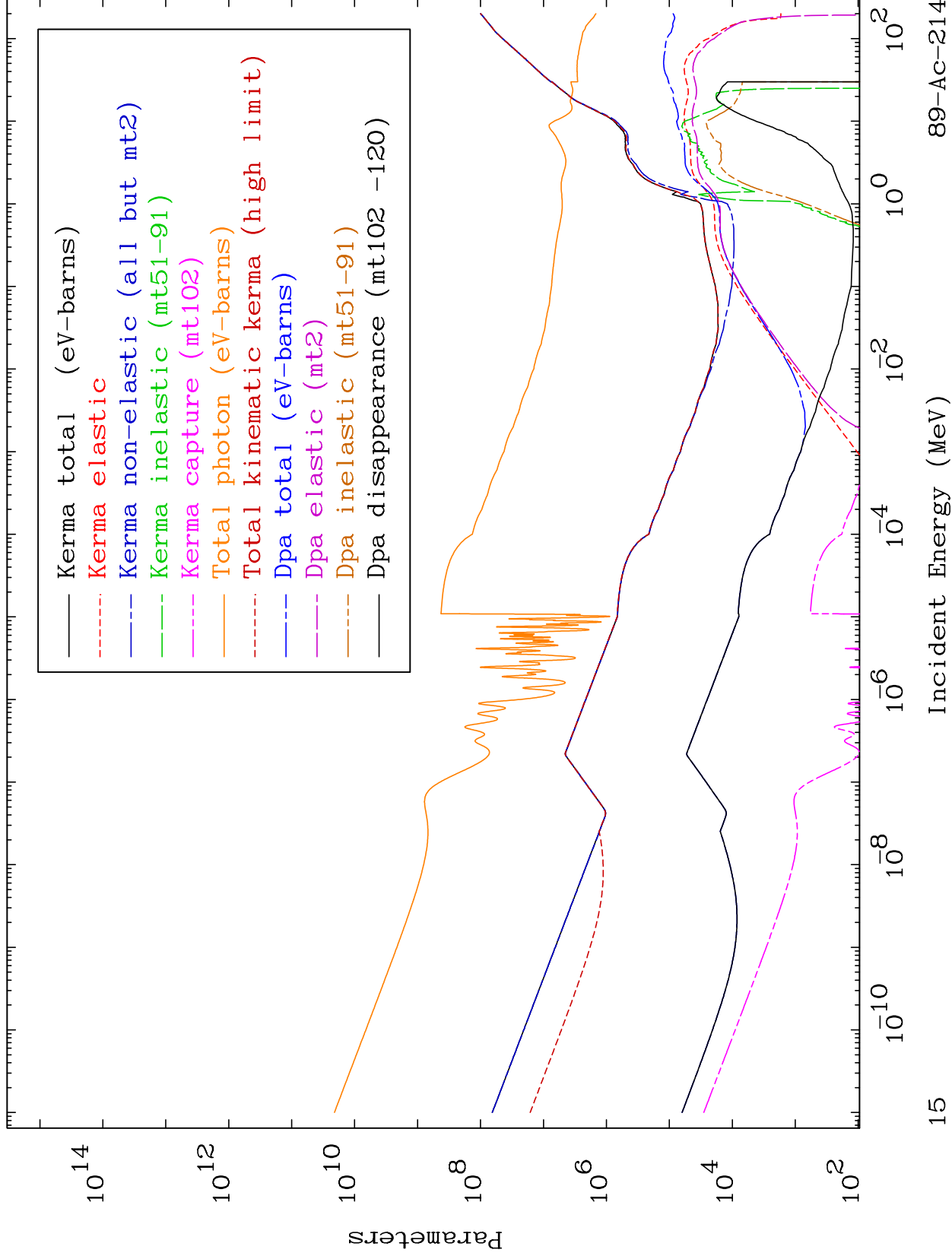
(n, He-3)

MAT 8892

(n,α) Levels
293 Kelvin Cross Sections

89-Ac-214

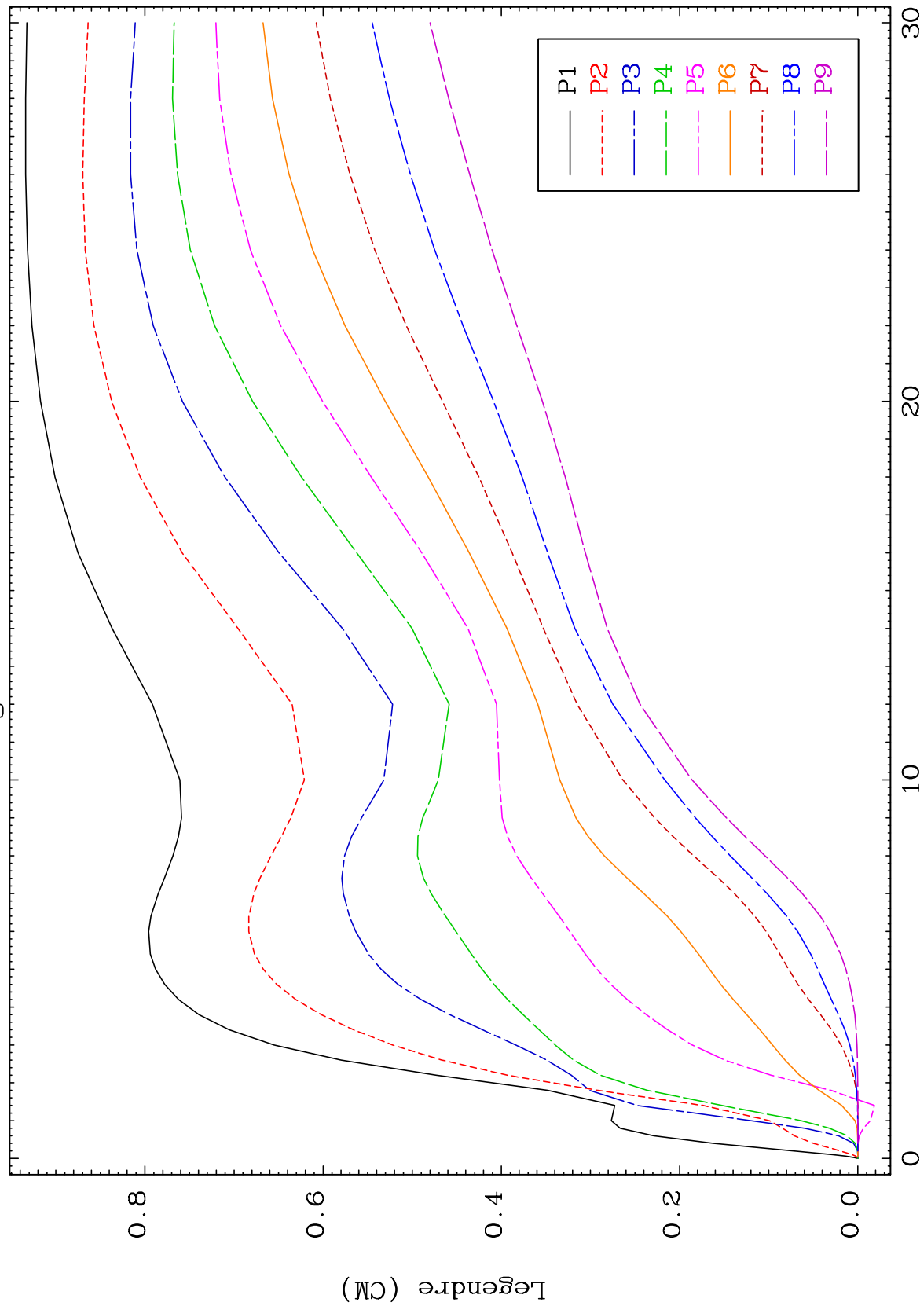




MAT 8892

Elastic Legendre Coefficients

89-Ac-214



89-Ac-214

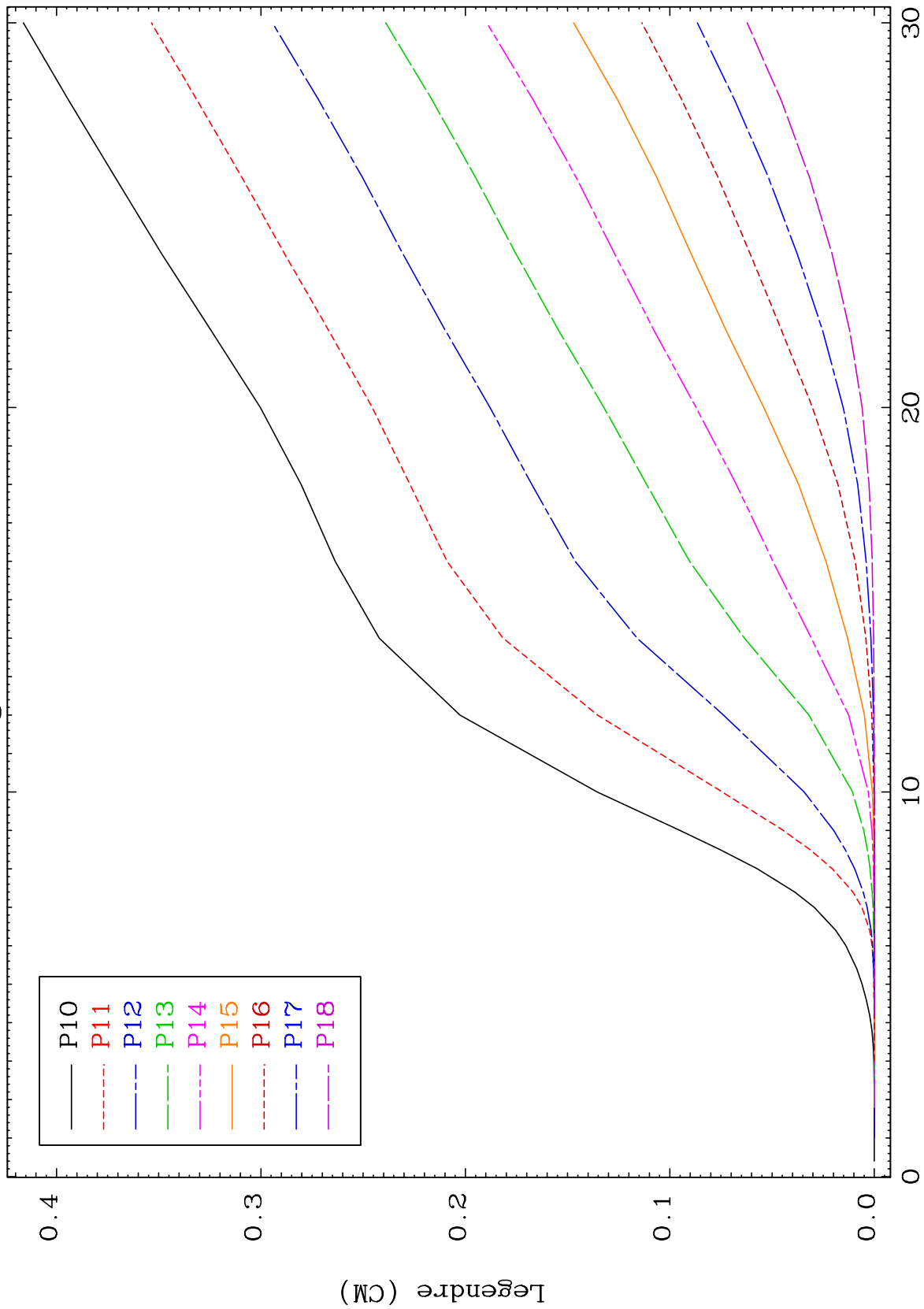
Incident Energy (MeV)

16

MAT 8892

Elastic Legendre Coefficients

89-Ac-214



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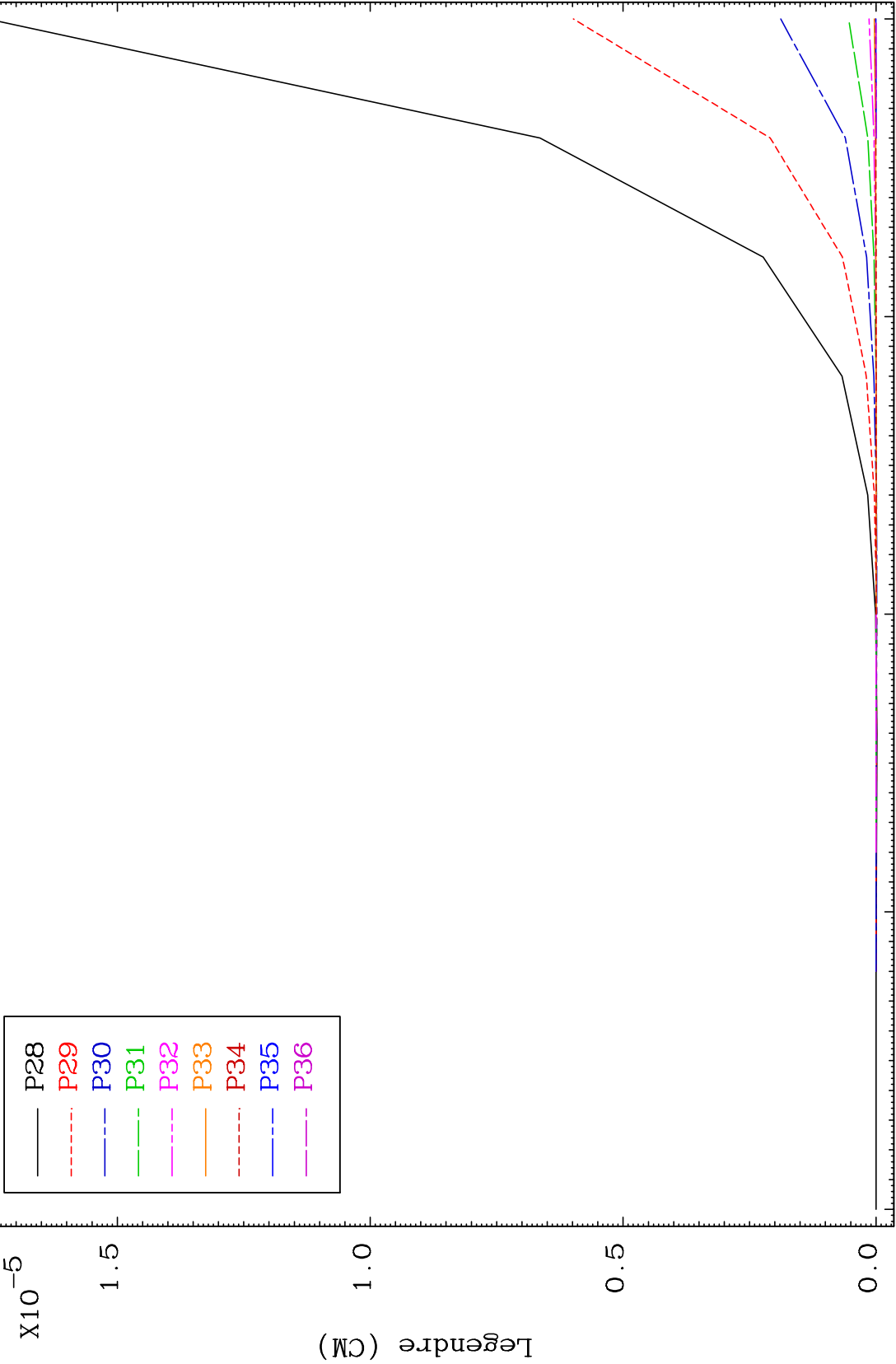
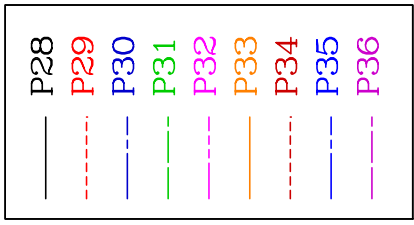
Incident Energy (MeV)

89-Ac-214

MAT 8892

Elastic Legendre Coefficients

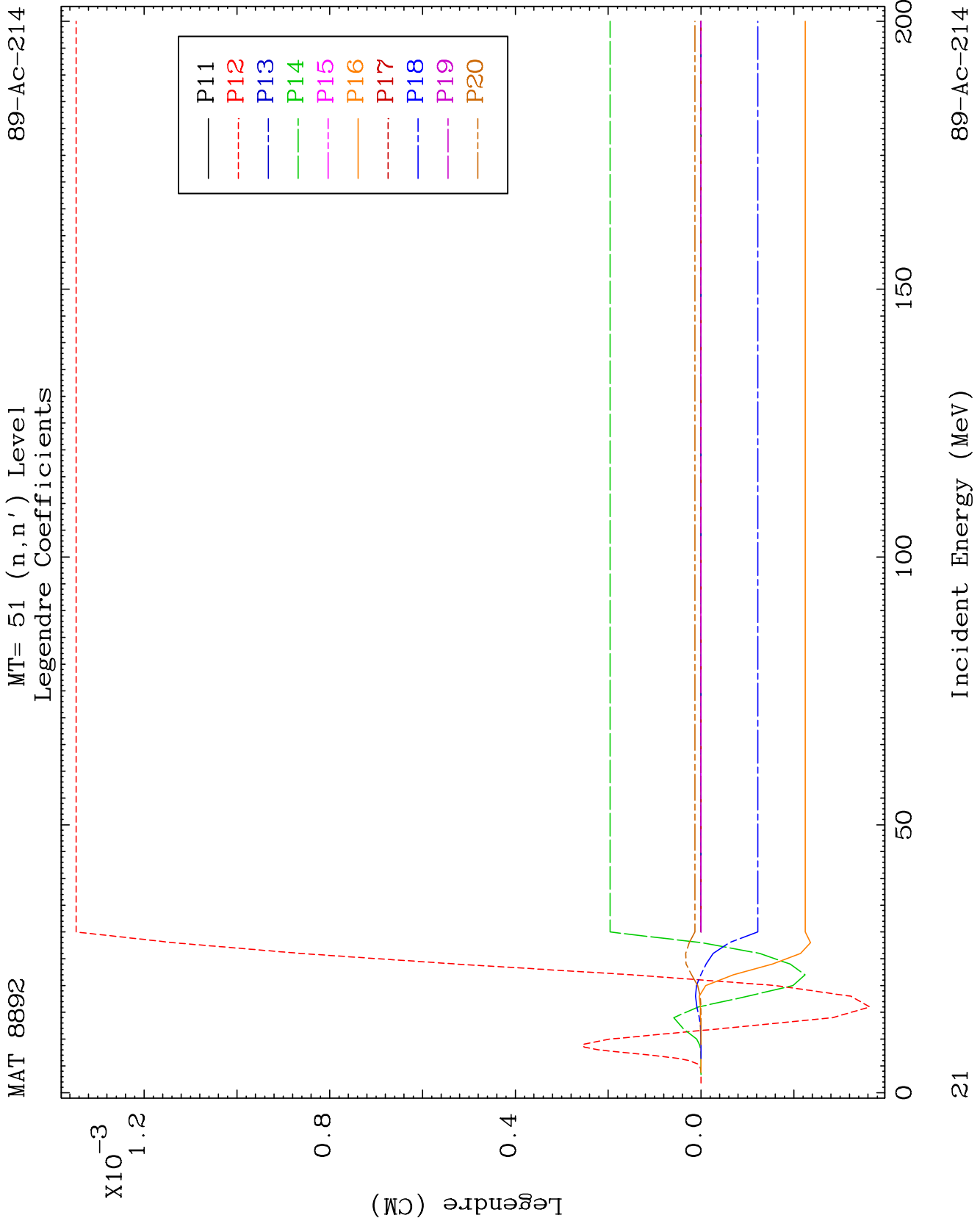
89-Ac-214



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Incident Energy (MeV)

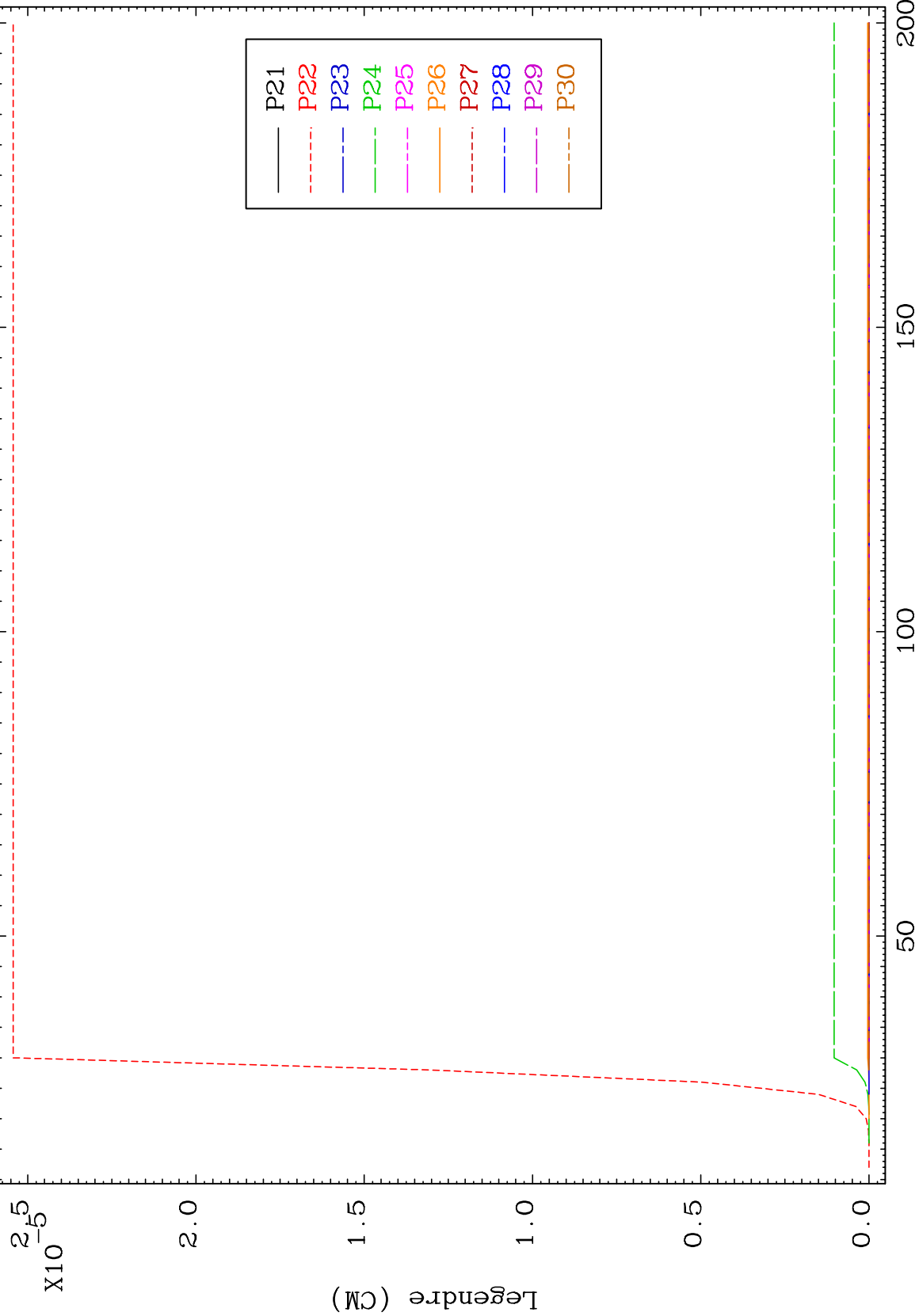
89-Ac-214



MAT 8892

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

89-Ac-214



22

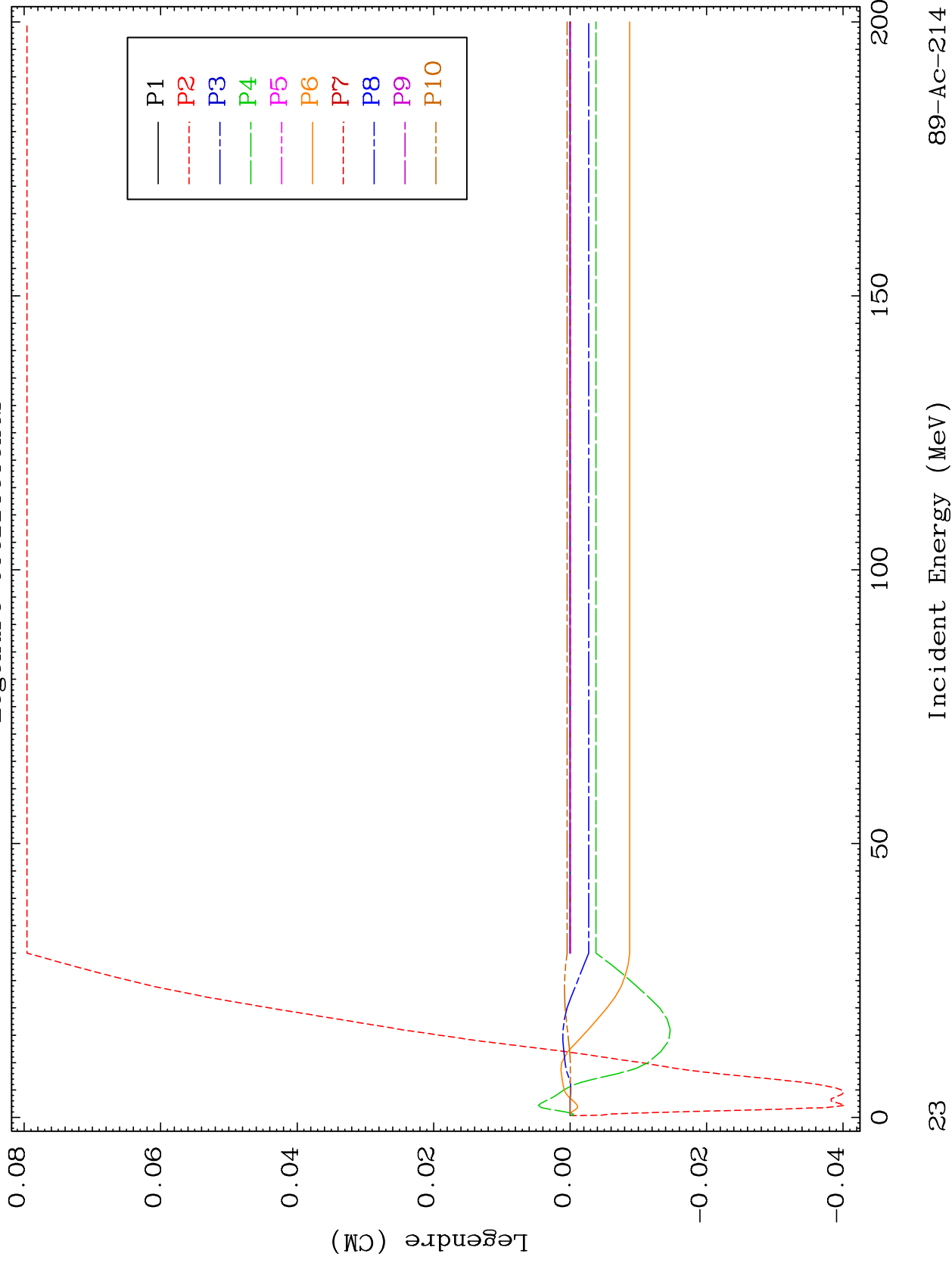
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



23

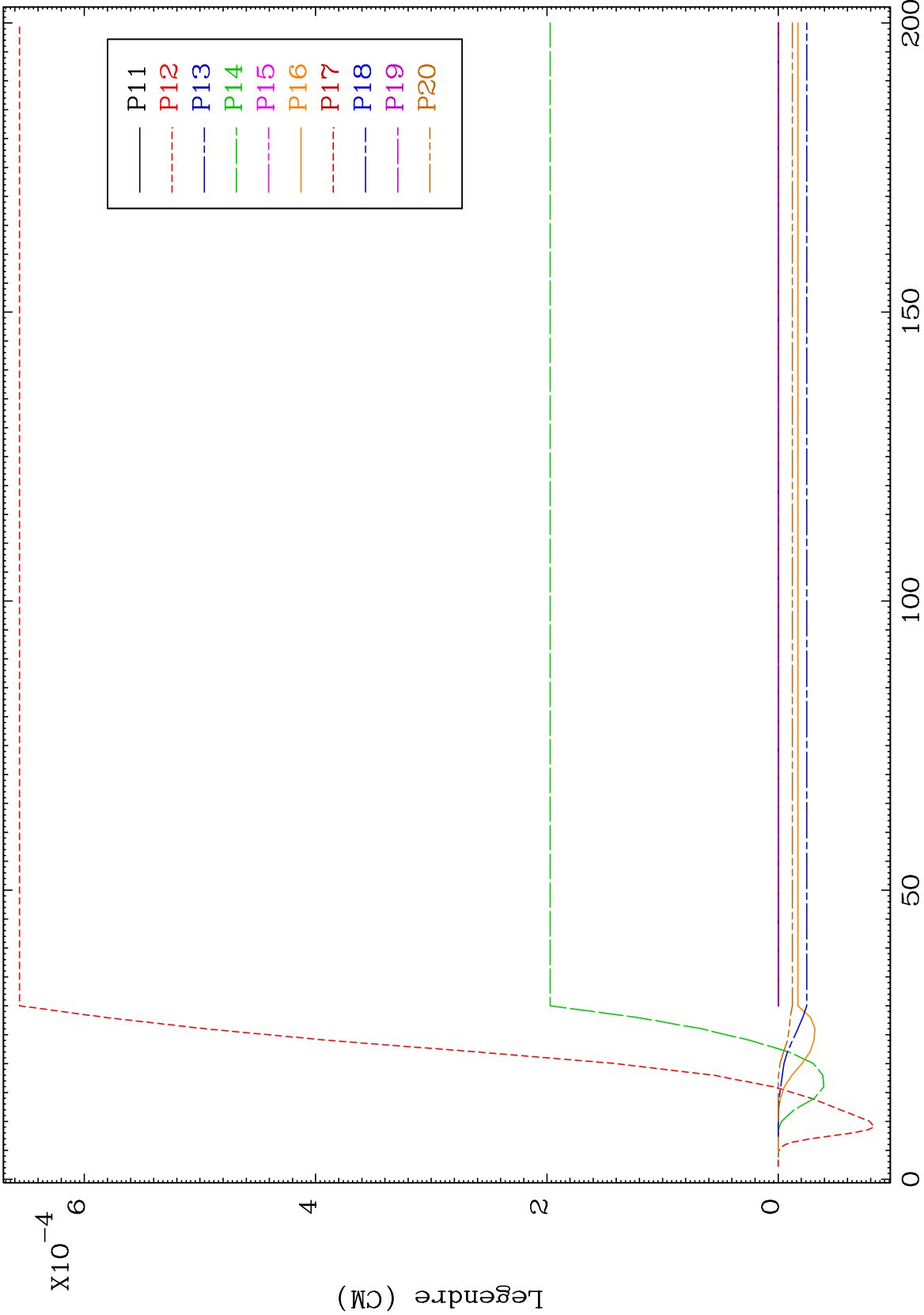
Incident Energy (MeV)

89-Ac-214

MAT 8892

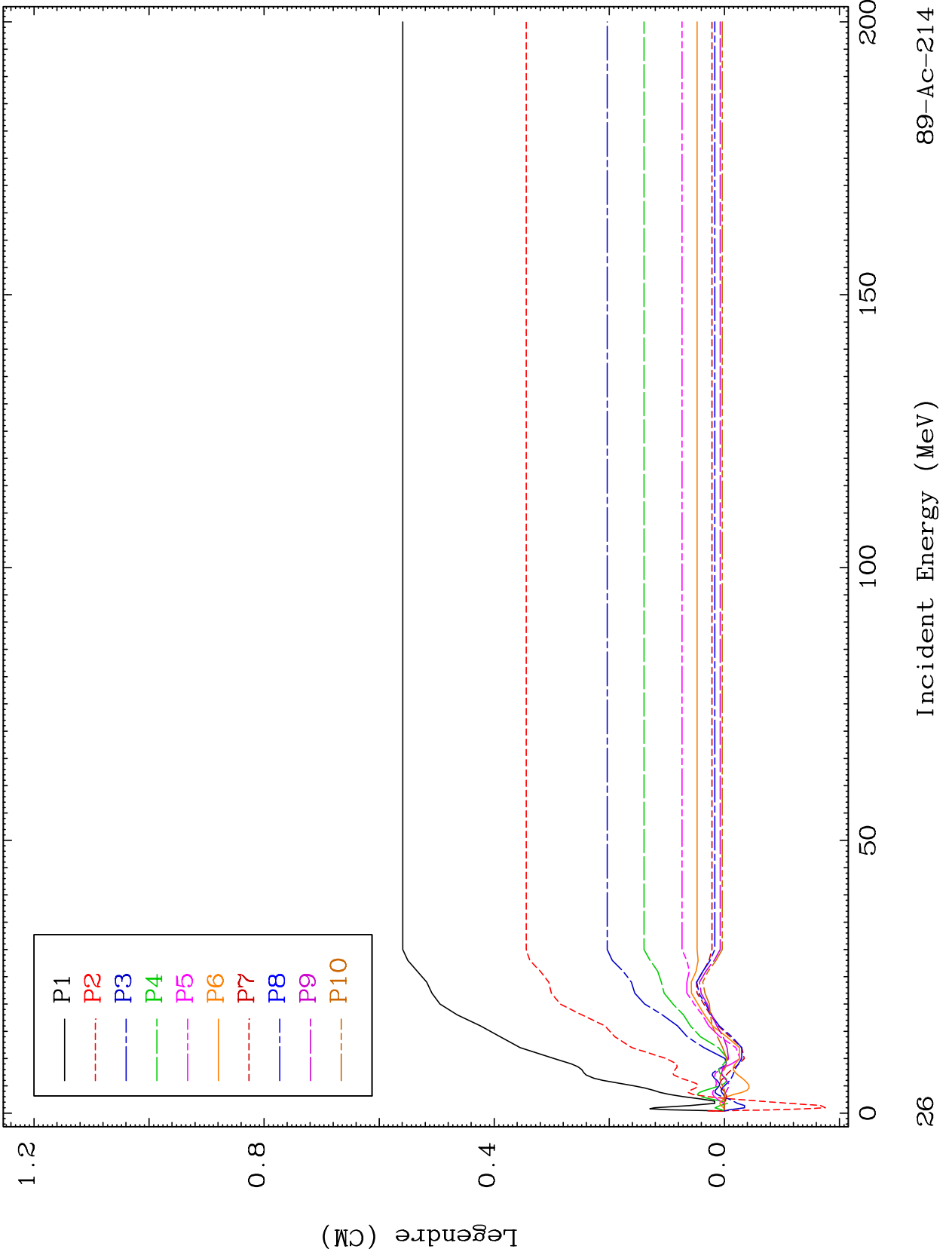
MT= 52 (n,n') Level
Legendre Coefficients

89-Ac-214



24

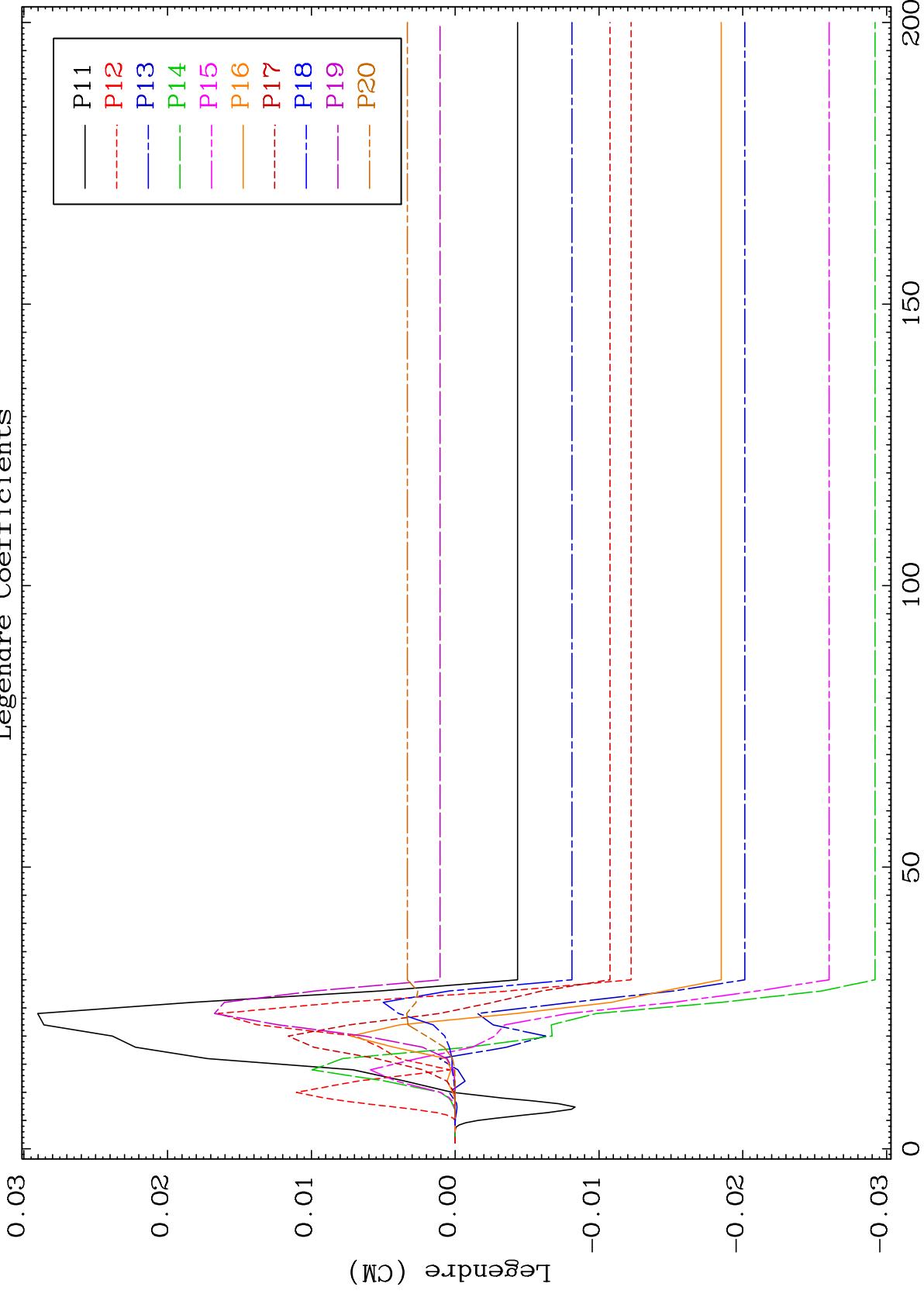
89-Ac-214



MAT 8892

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

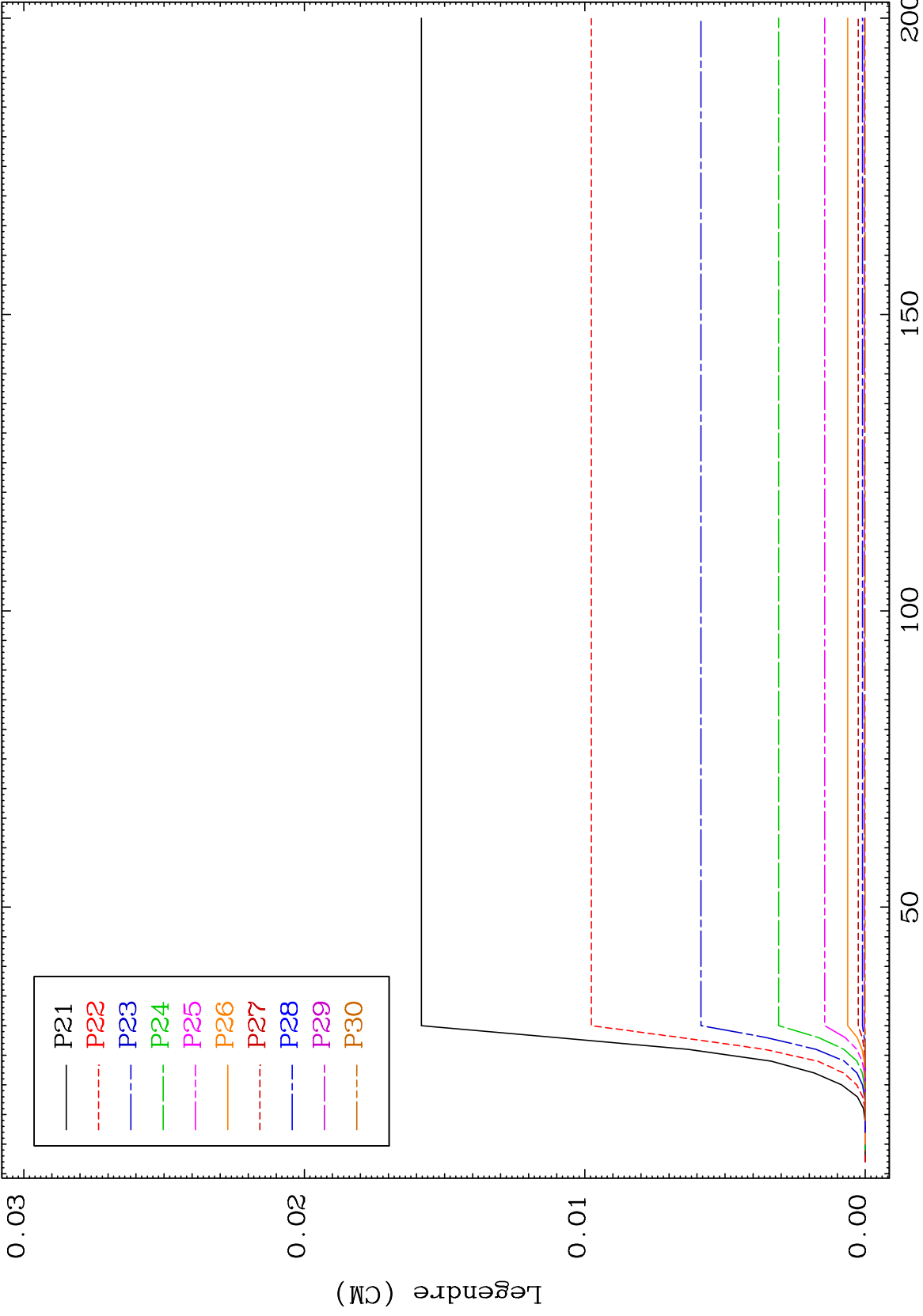
89-Ac-214



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Incident Energy (MeV)

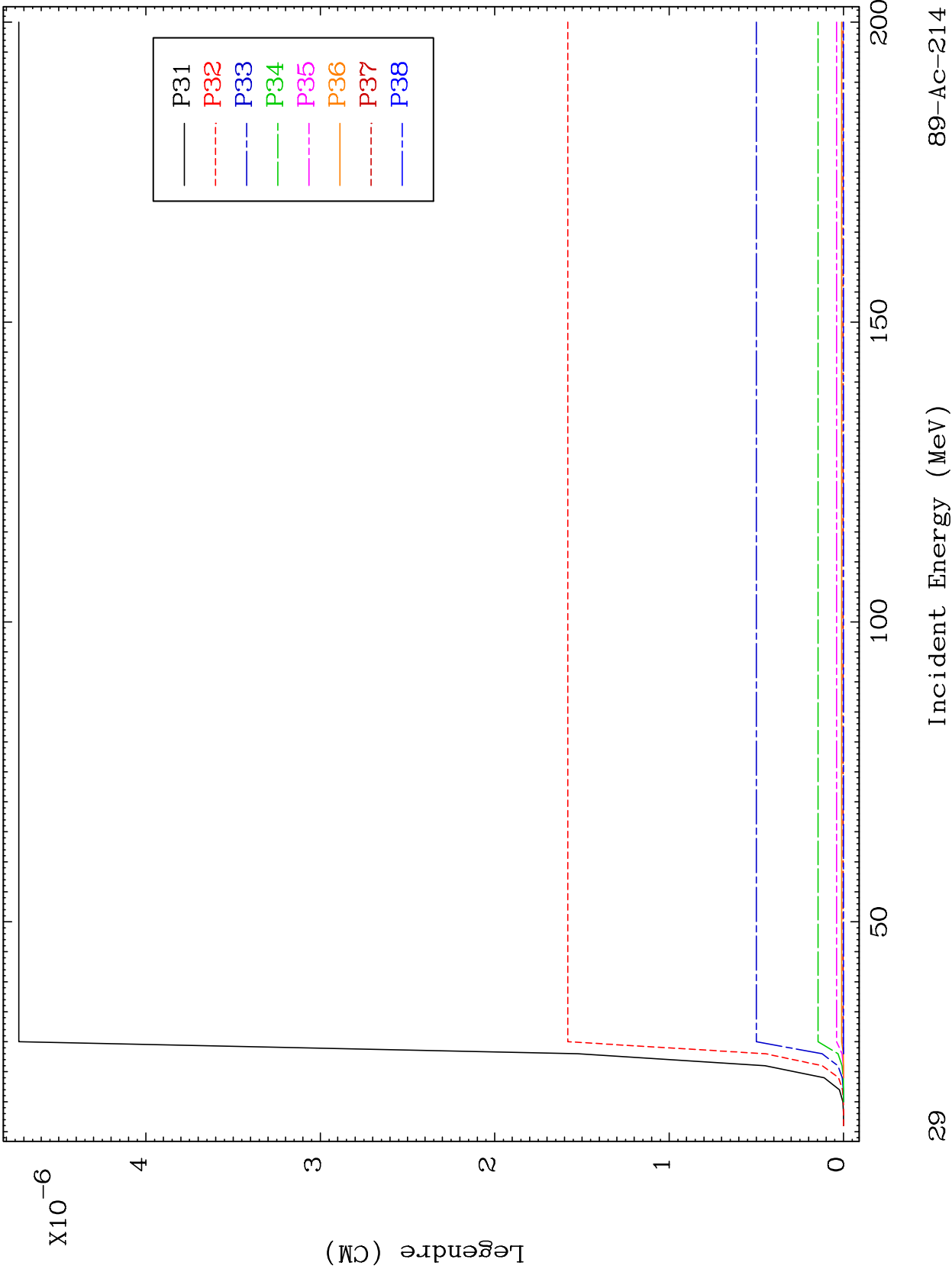
89-Ac-214



MAT 8892

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

89-Ac-214



29

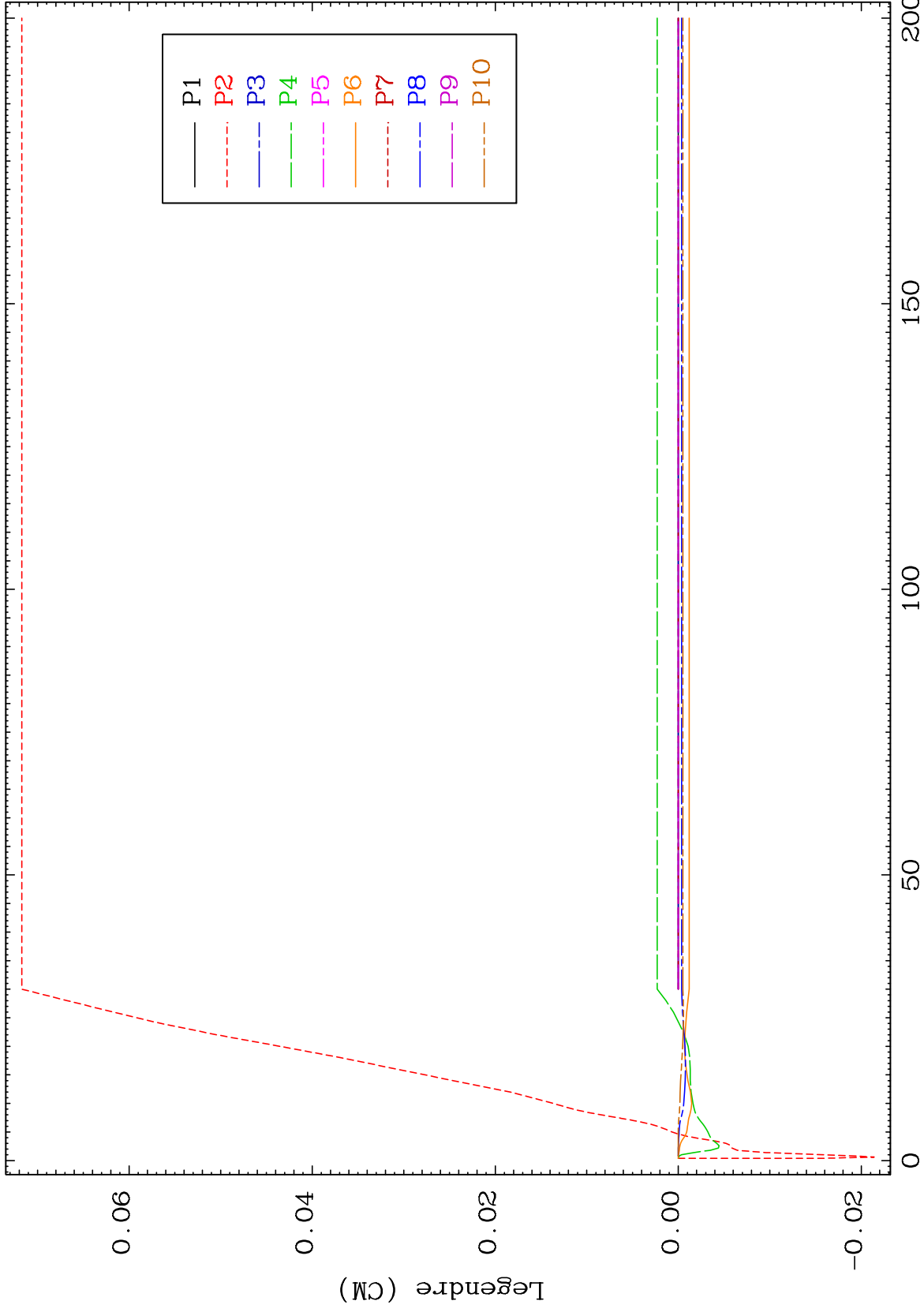
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



89-Ac-214

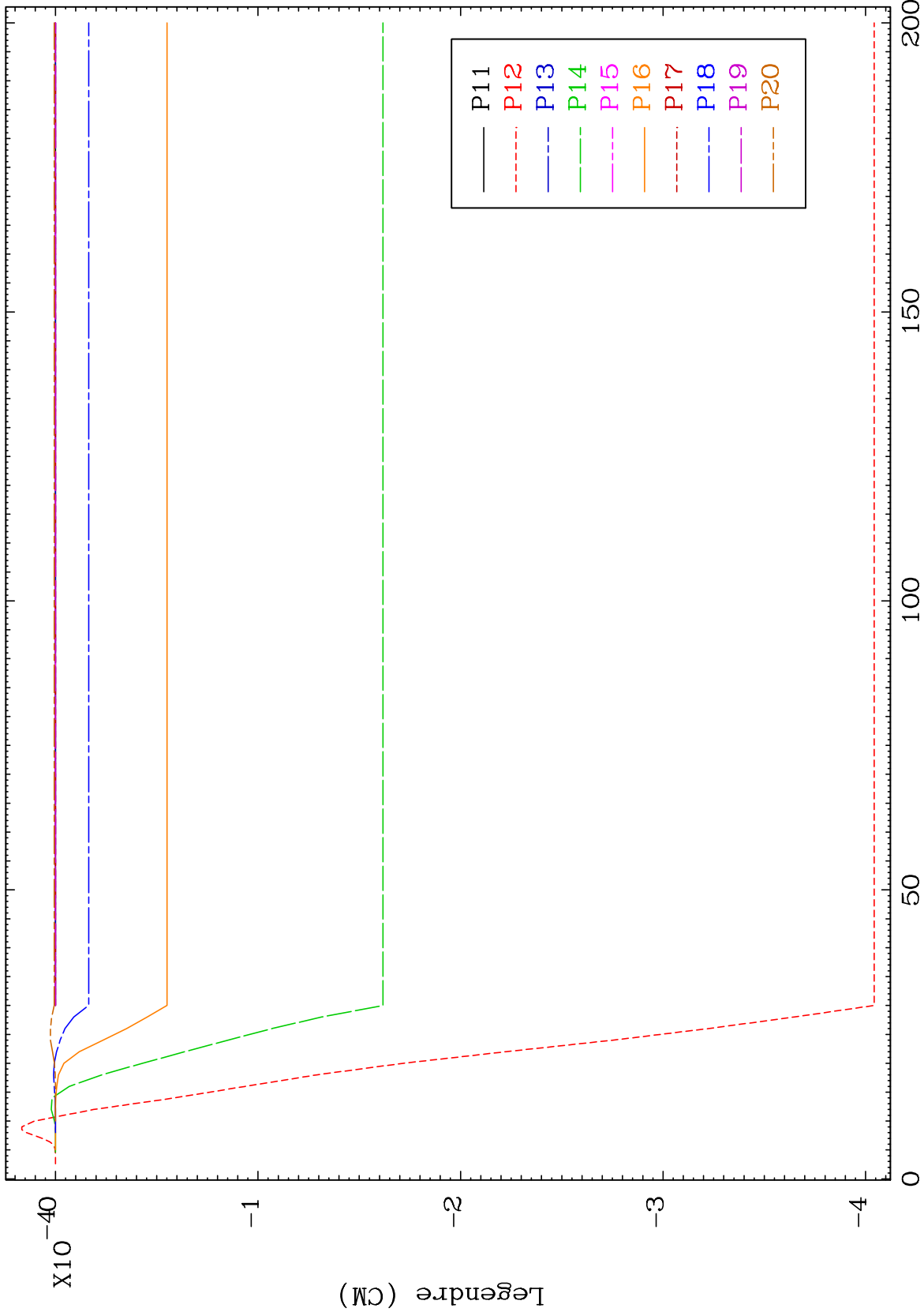
Incident Energy (MeV)

30

MAT 8892

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

89-Ac-214



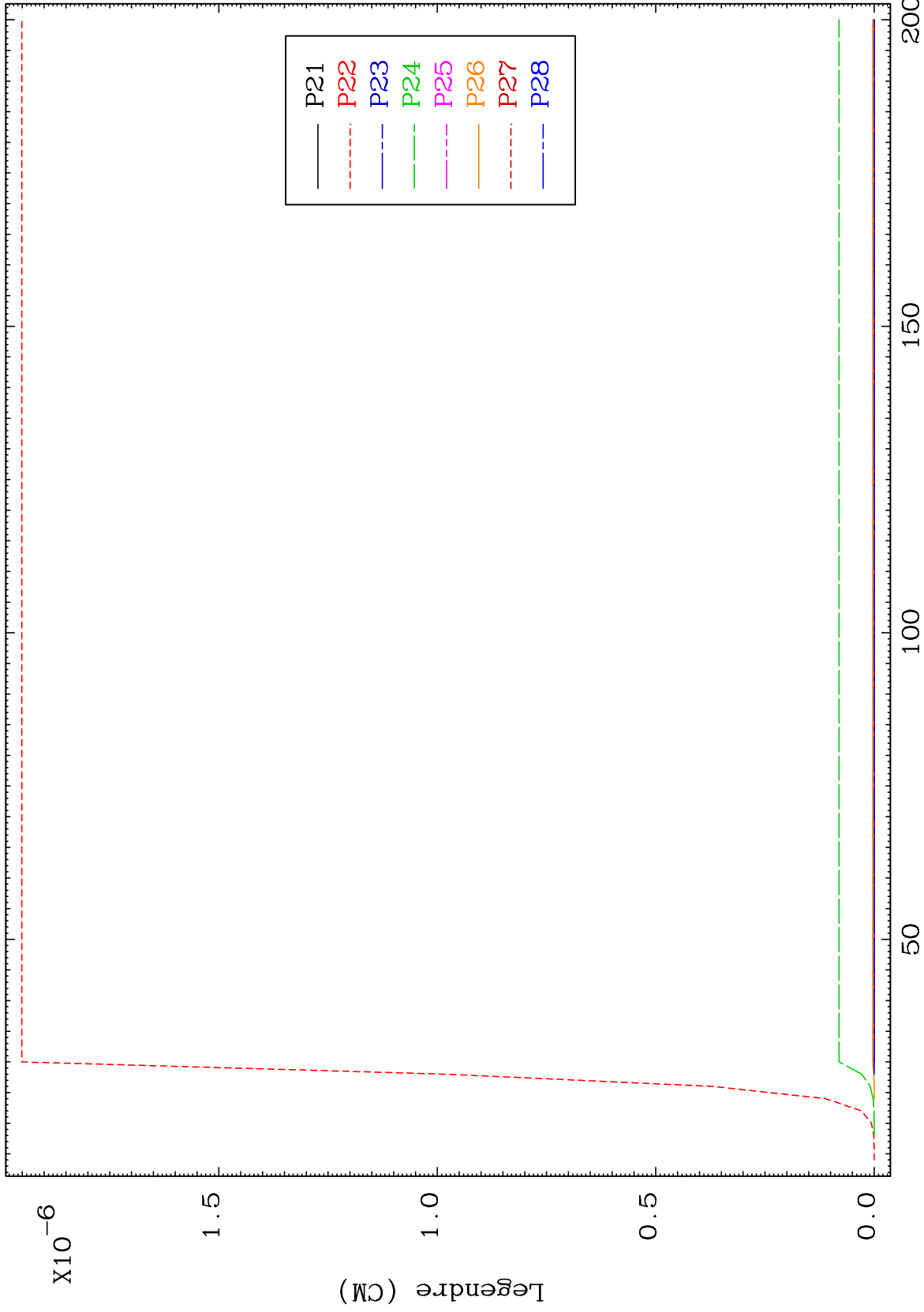
31

89-Ac-214

MAT 8892

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

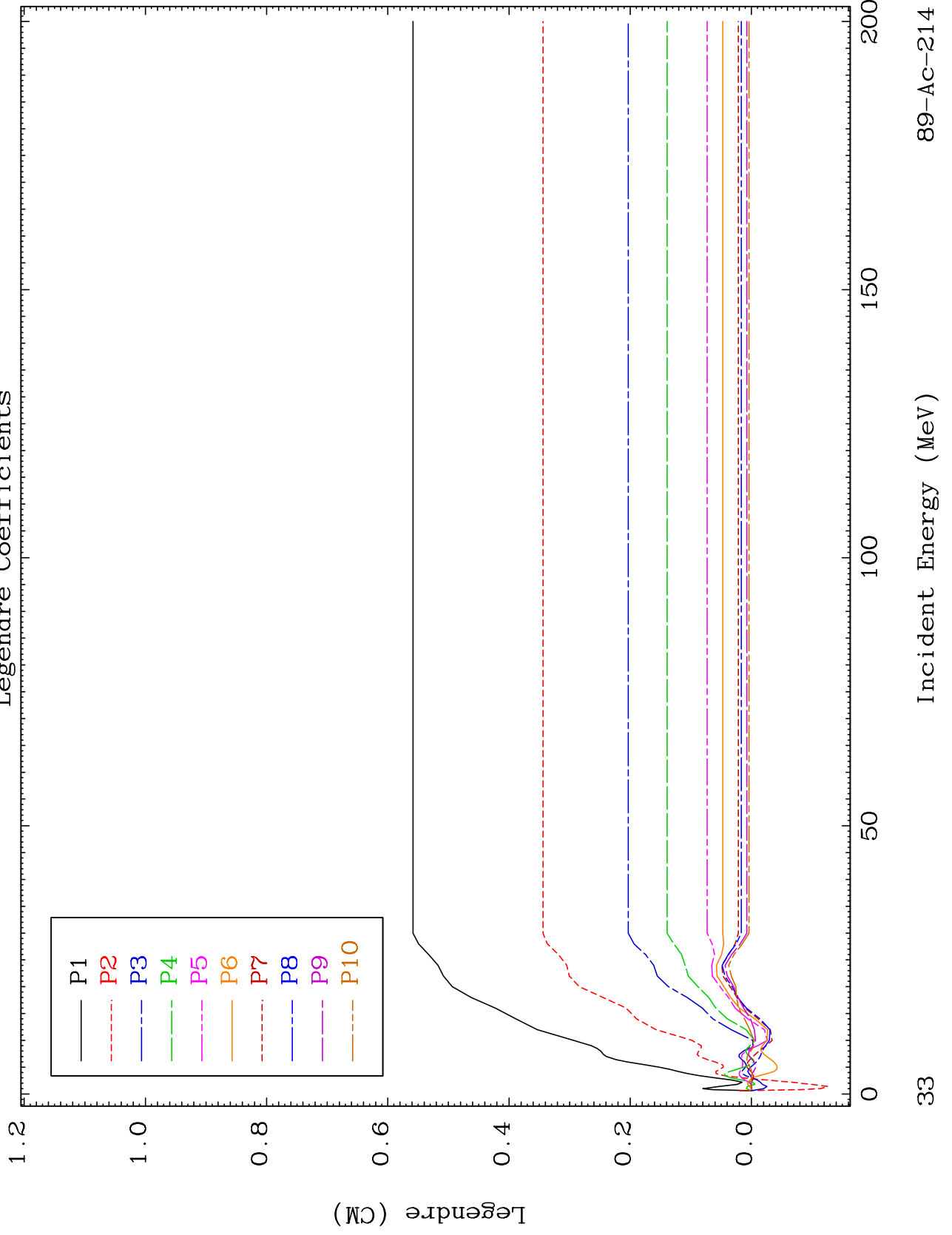
89-Ac-214



32

Incident Energy (MeV)

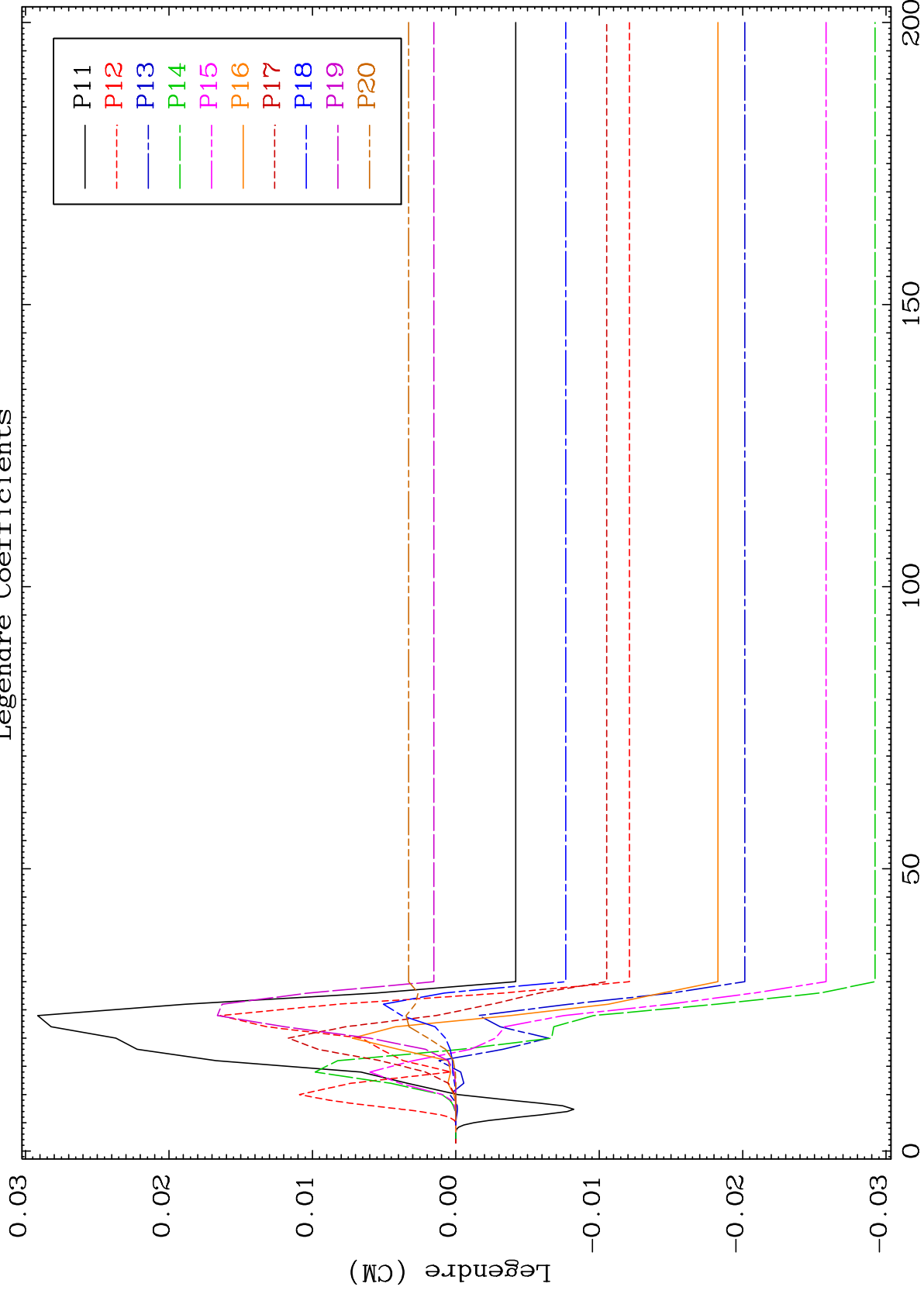
89-Ac-214



MAT 8892

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

89-Ac-214



34

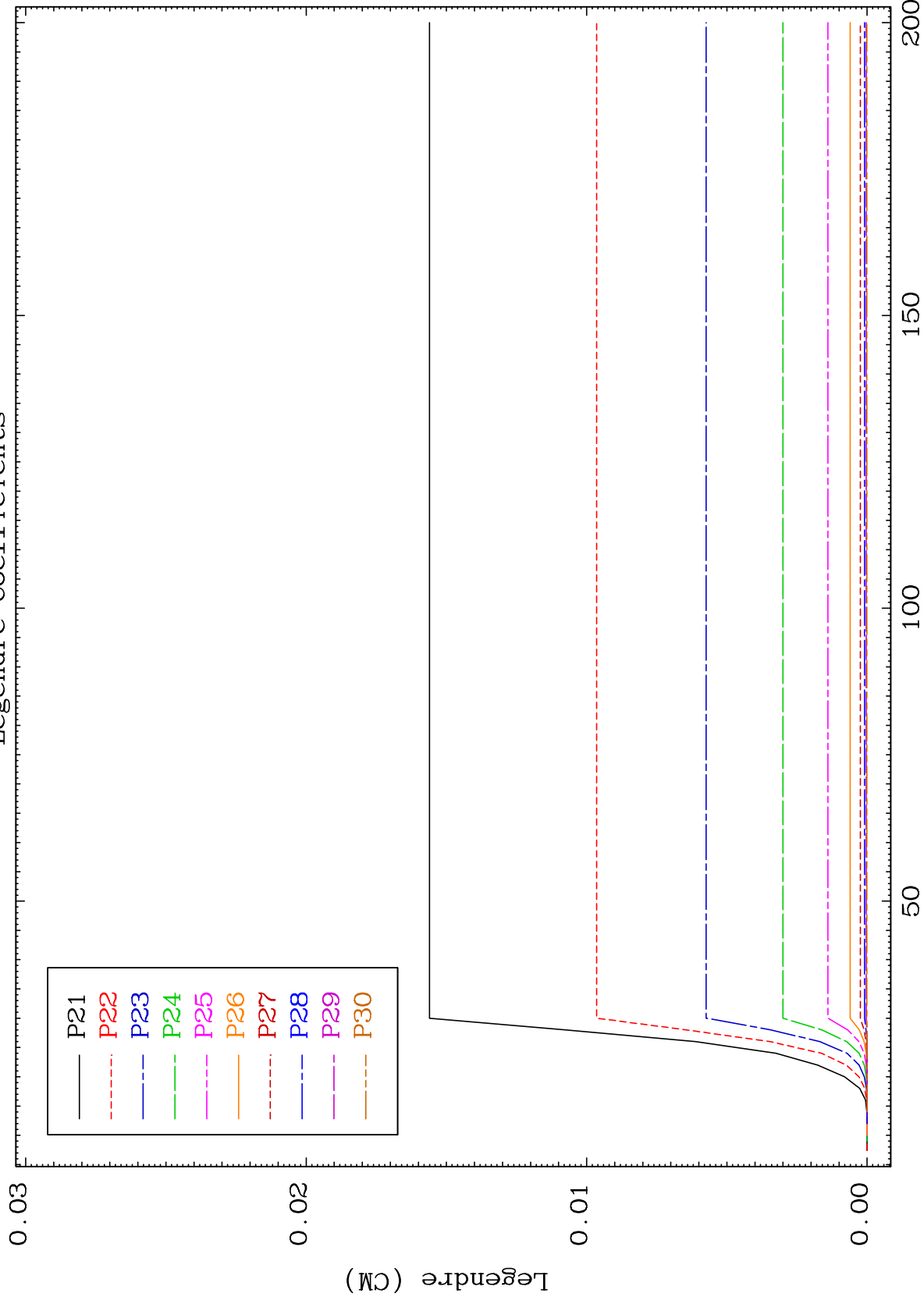
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



35

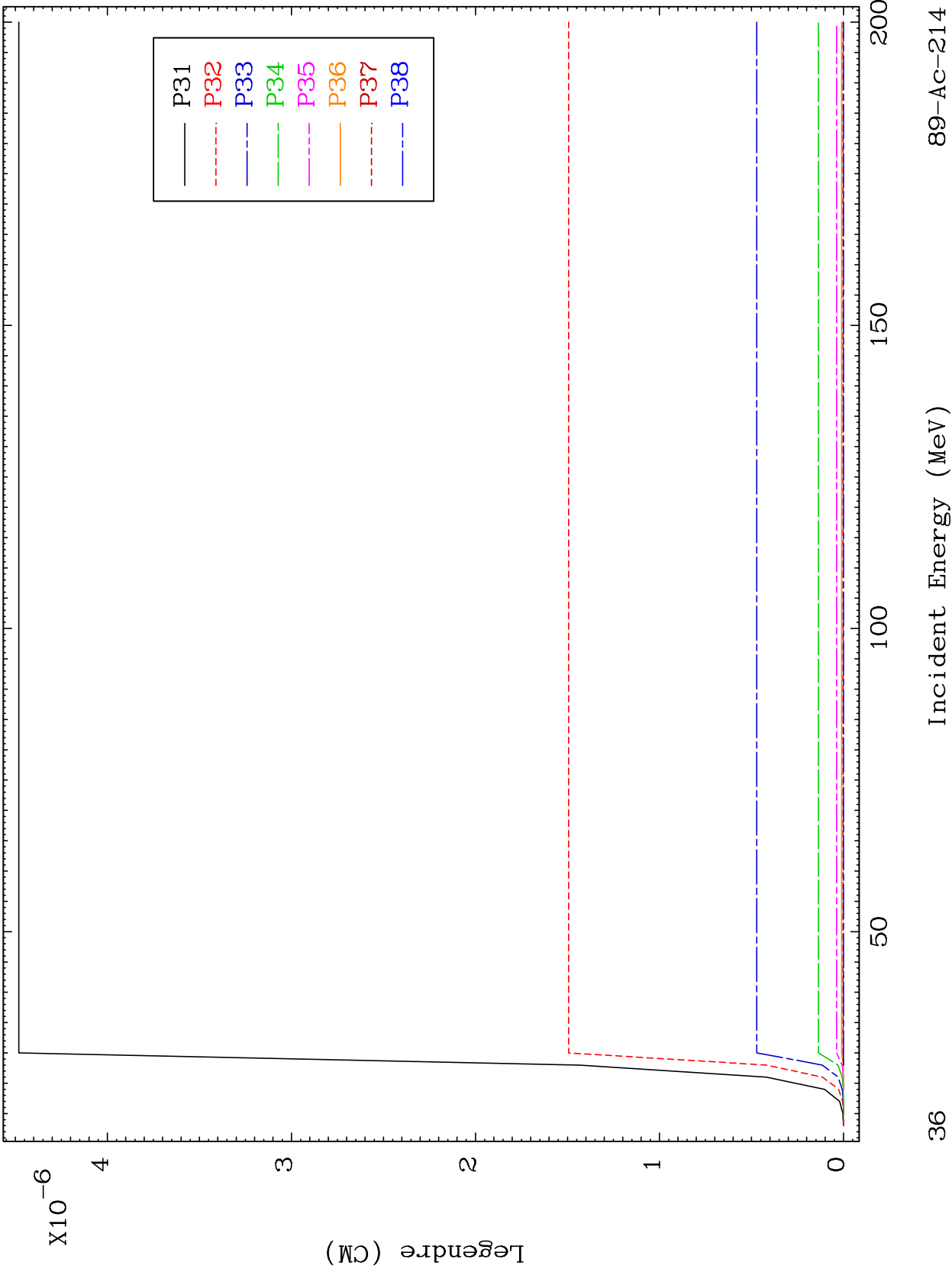
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

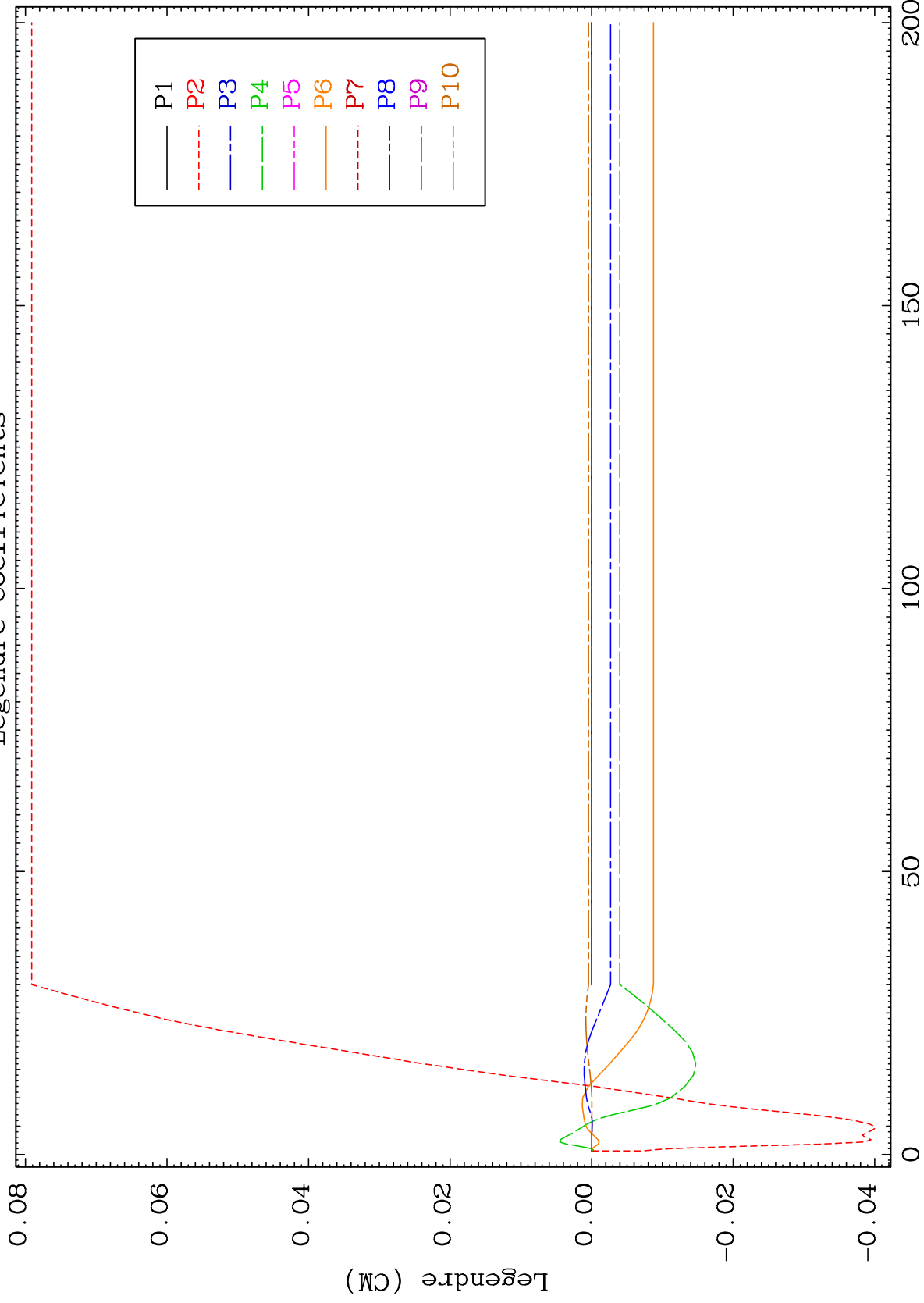
89-Ac-214



MAT 8892

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

89-Ac-214



37

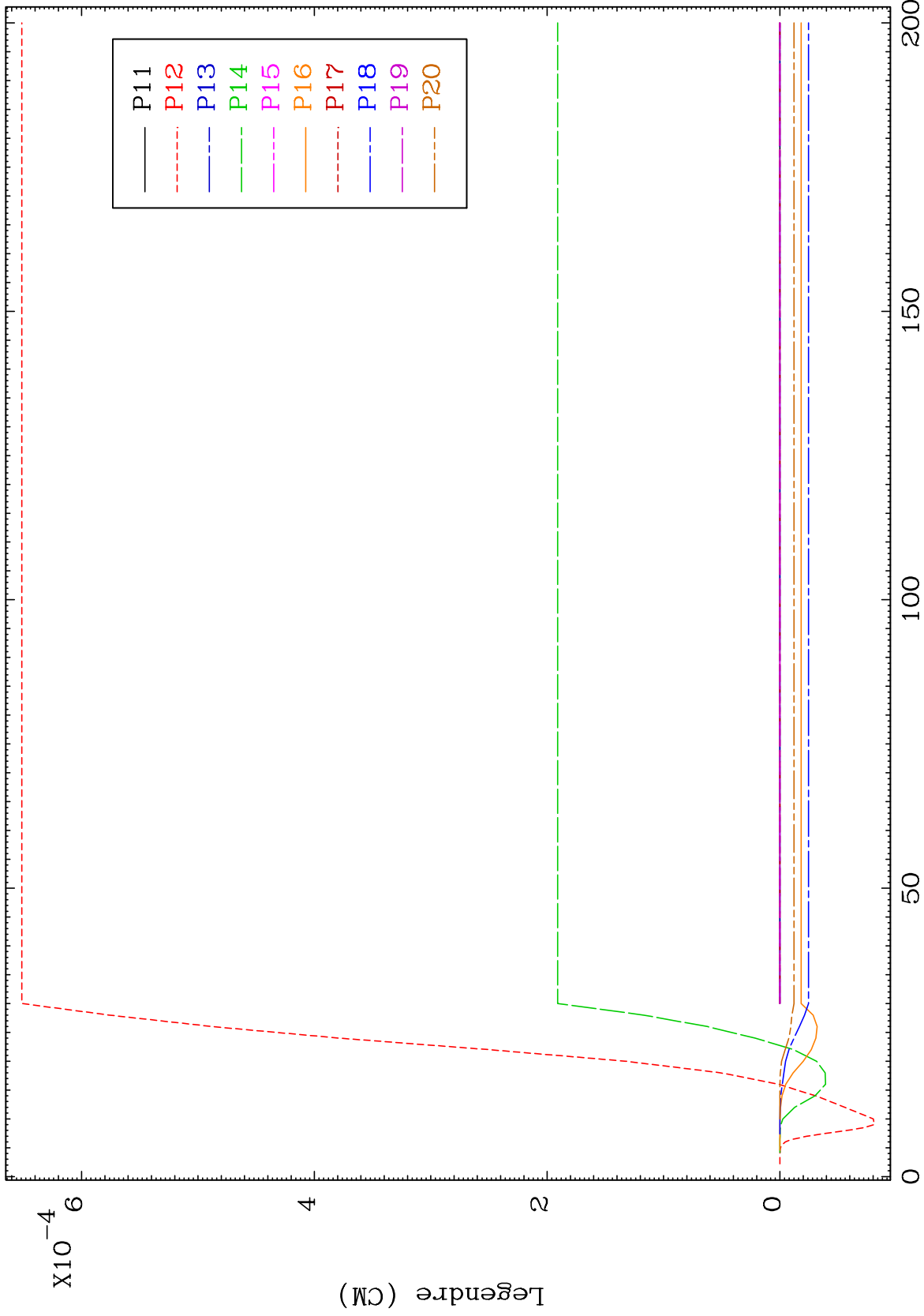
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



38

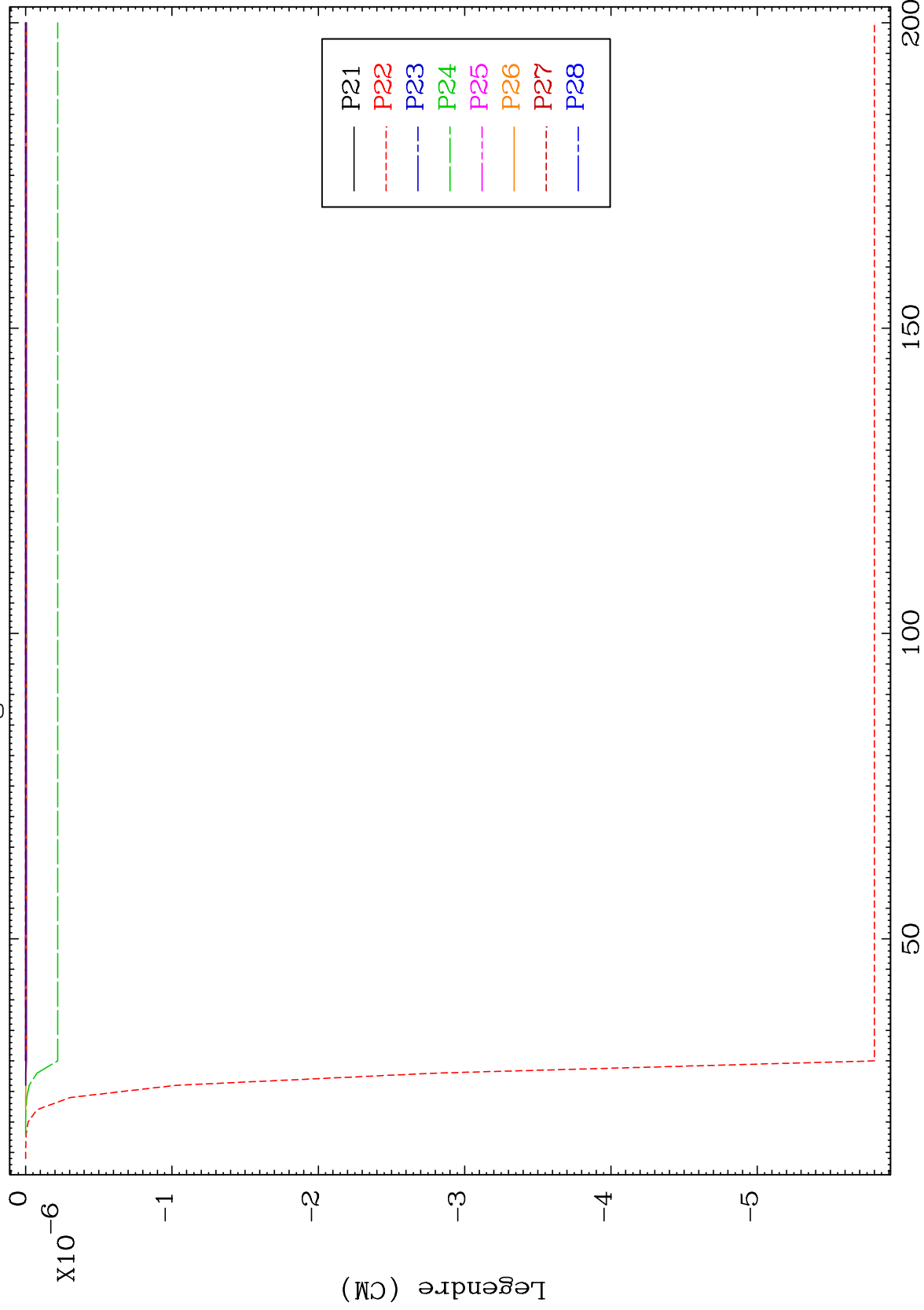
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



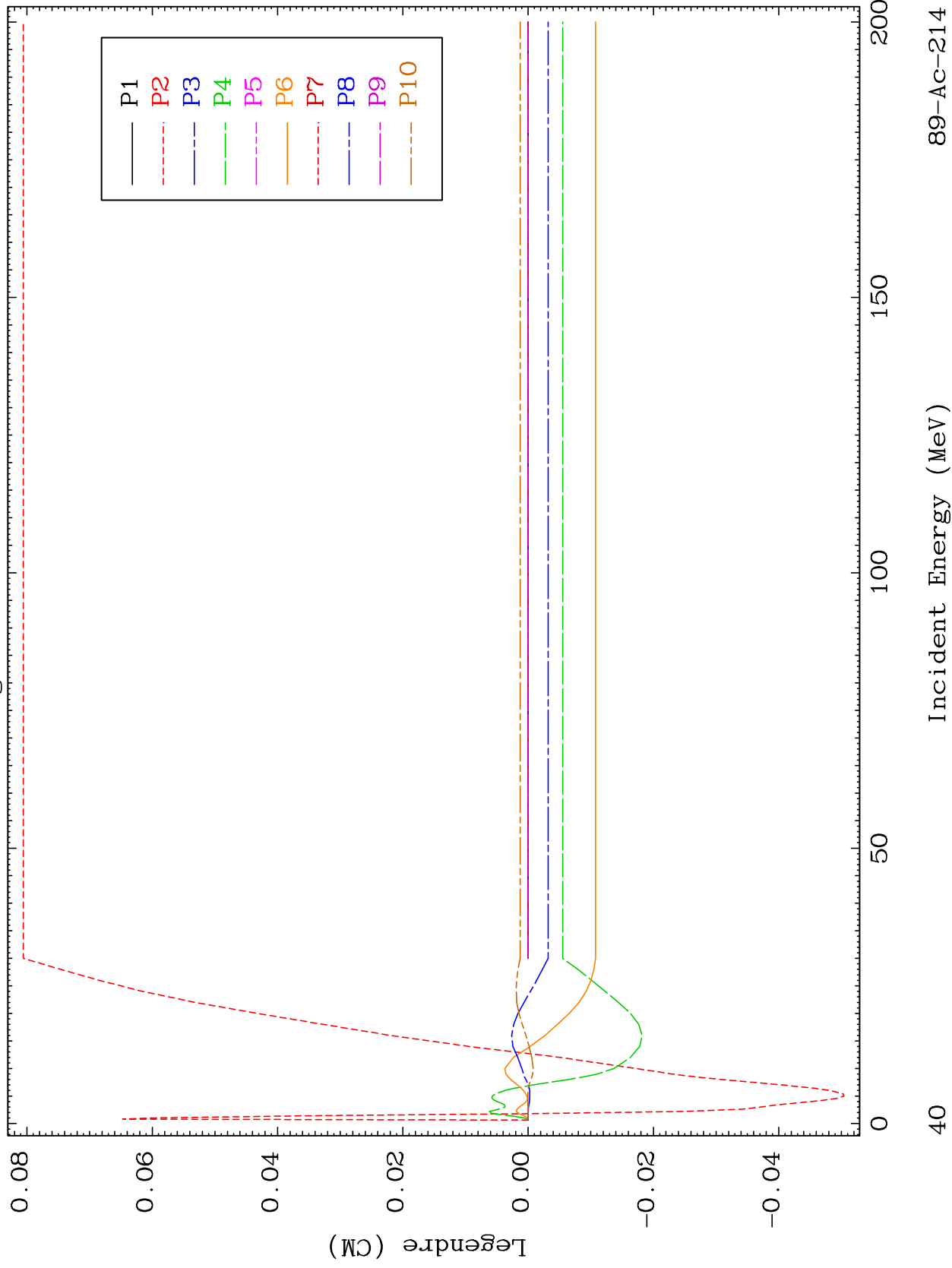
39

89-Ac-214

MAT 8892

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

89-Ac-214



89-Ac-214

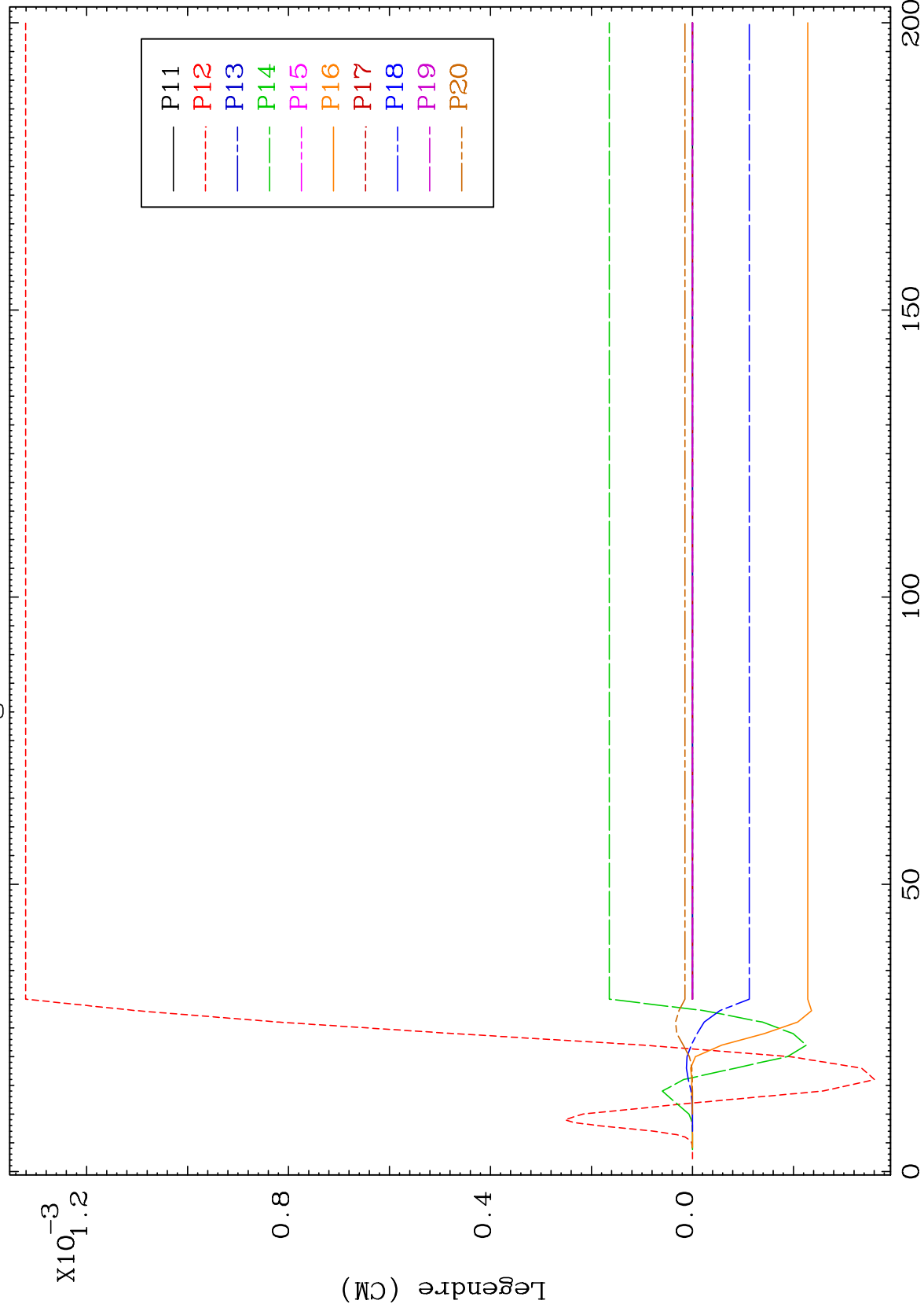
Incident Energy (MeV)

40

MAT 8892

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

89-Ac-214



41

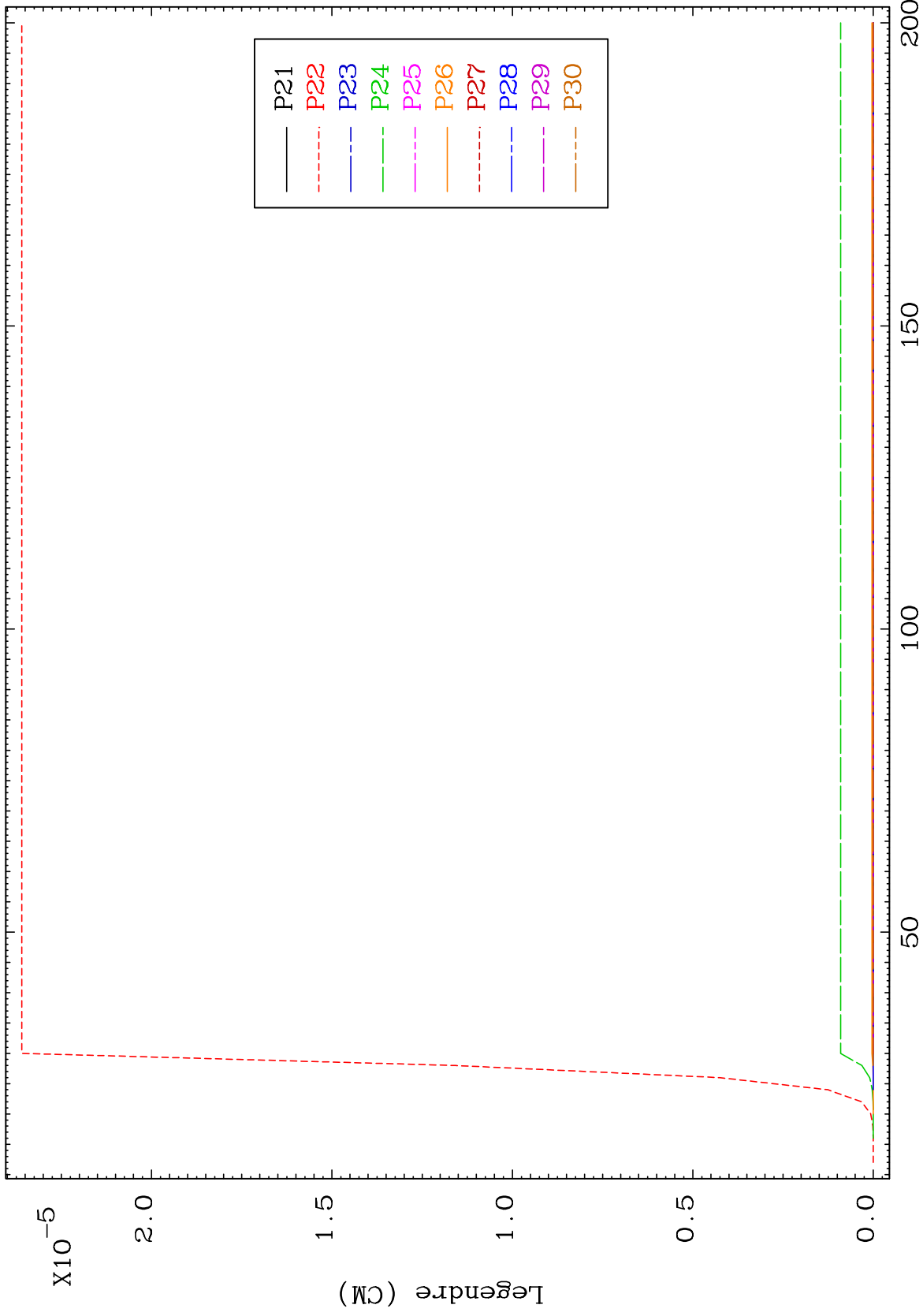
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



42

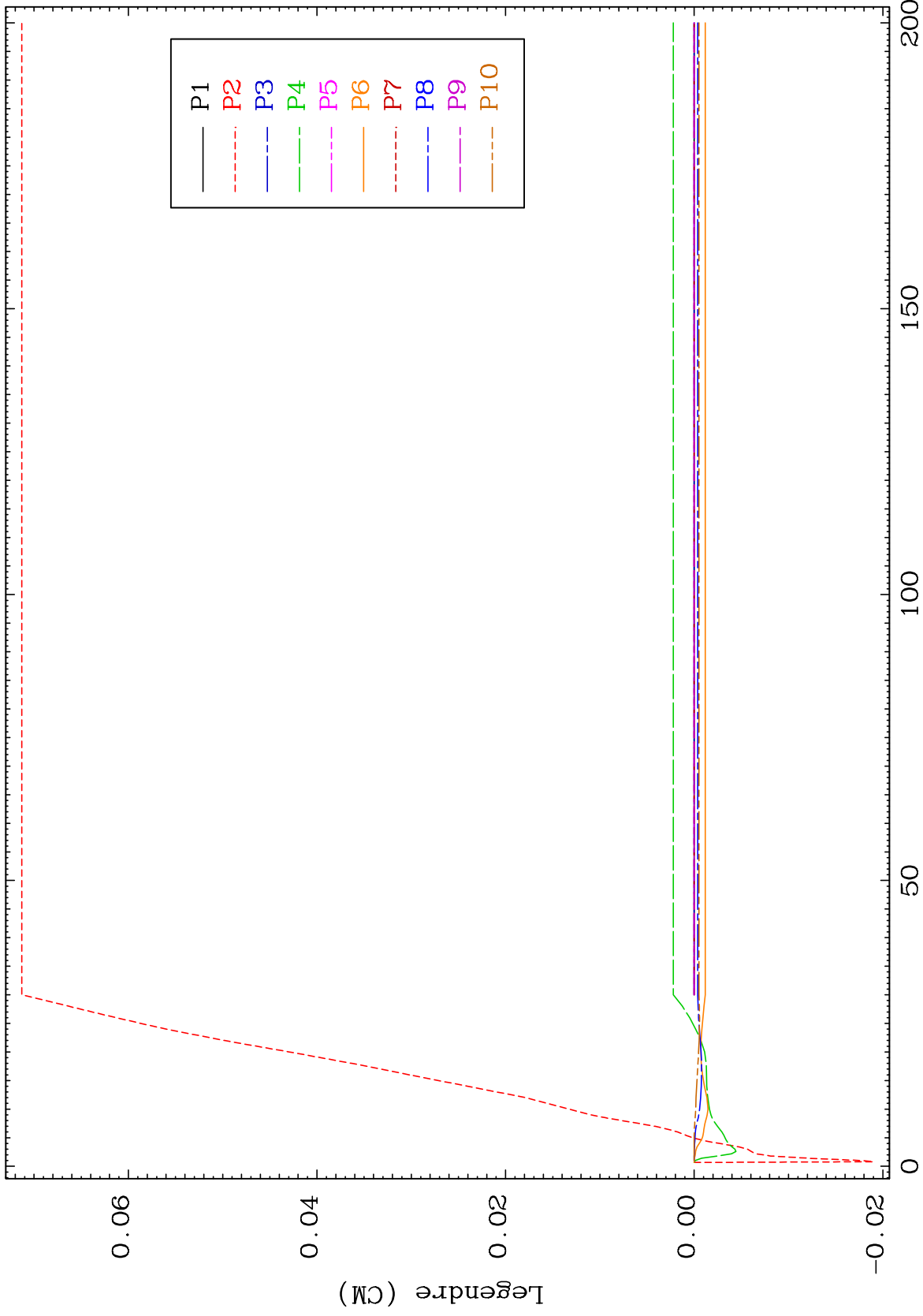
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



89-Ac-214

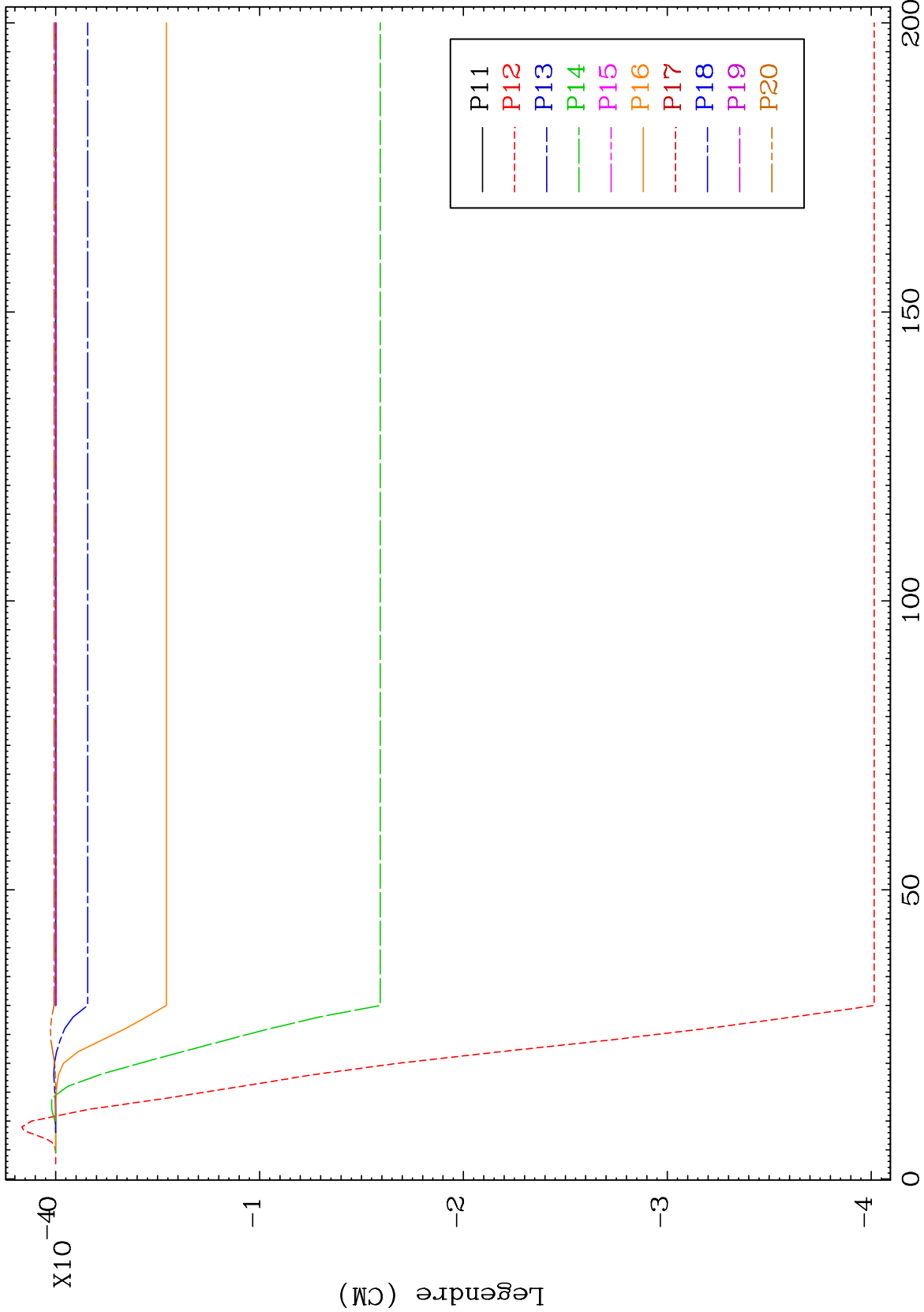
Incident Energy (MeV)

43

MAT 8892

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

89-Ac-214



44

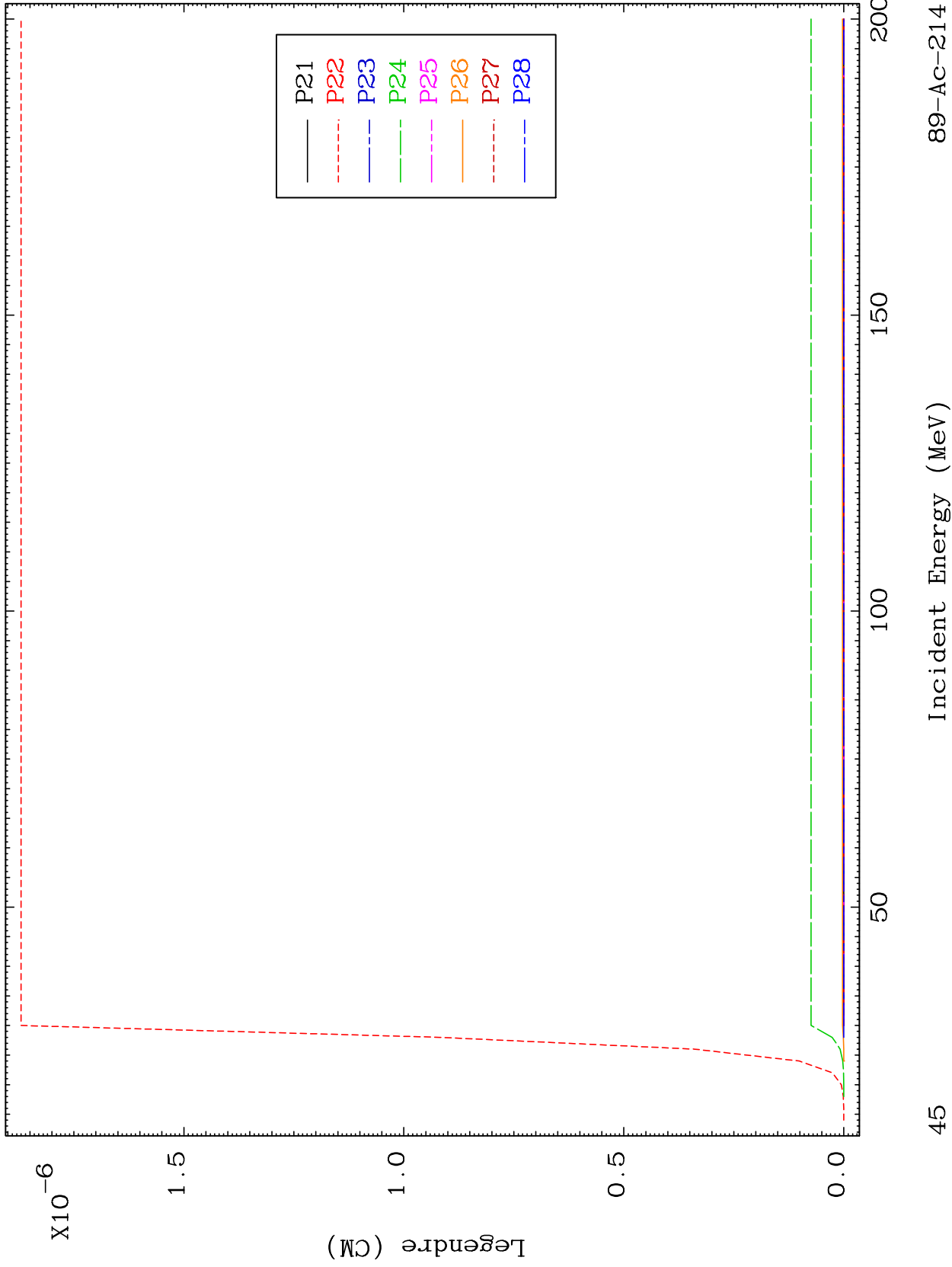
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

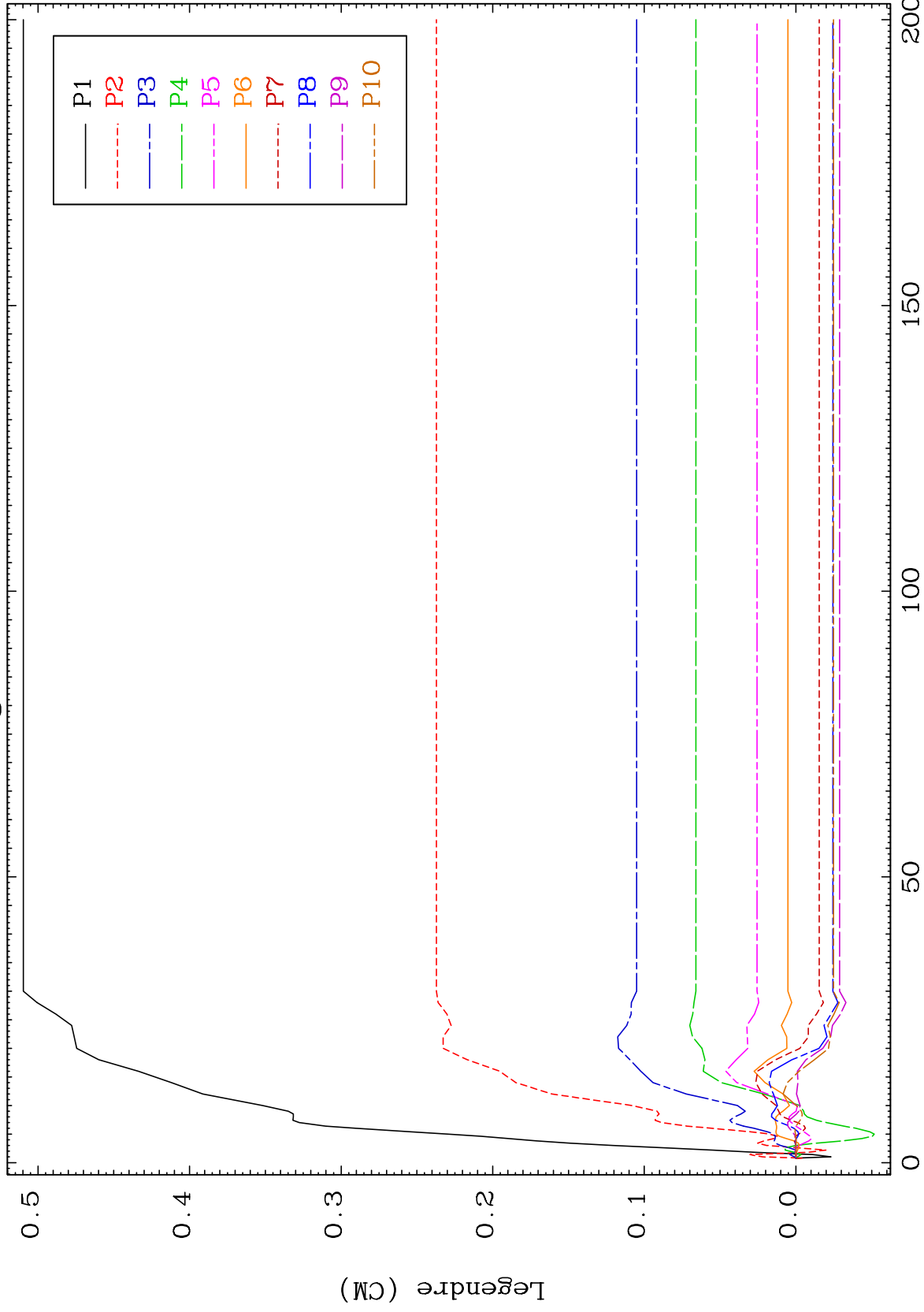
89-Ac-214



MAT 8892

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

89-Ac-214



46

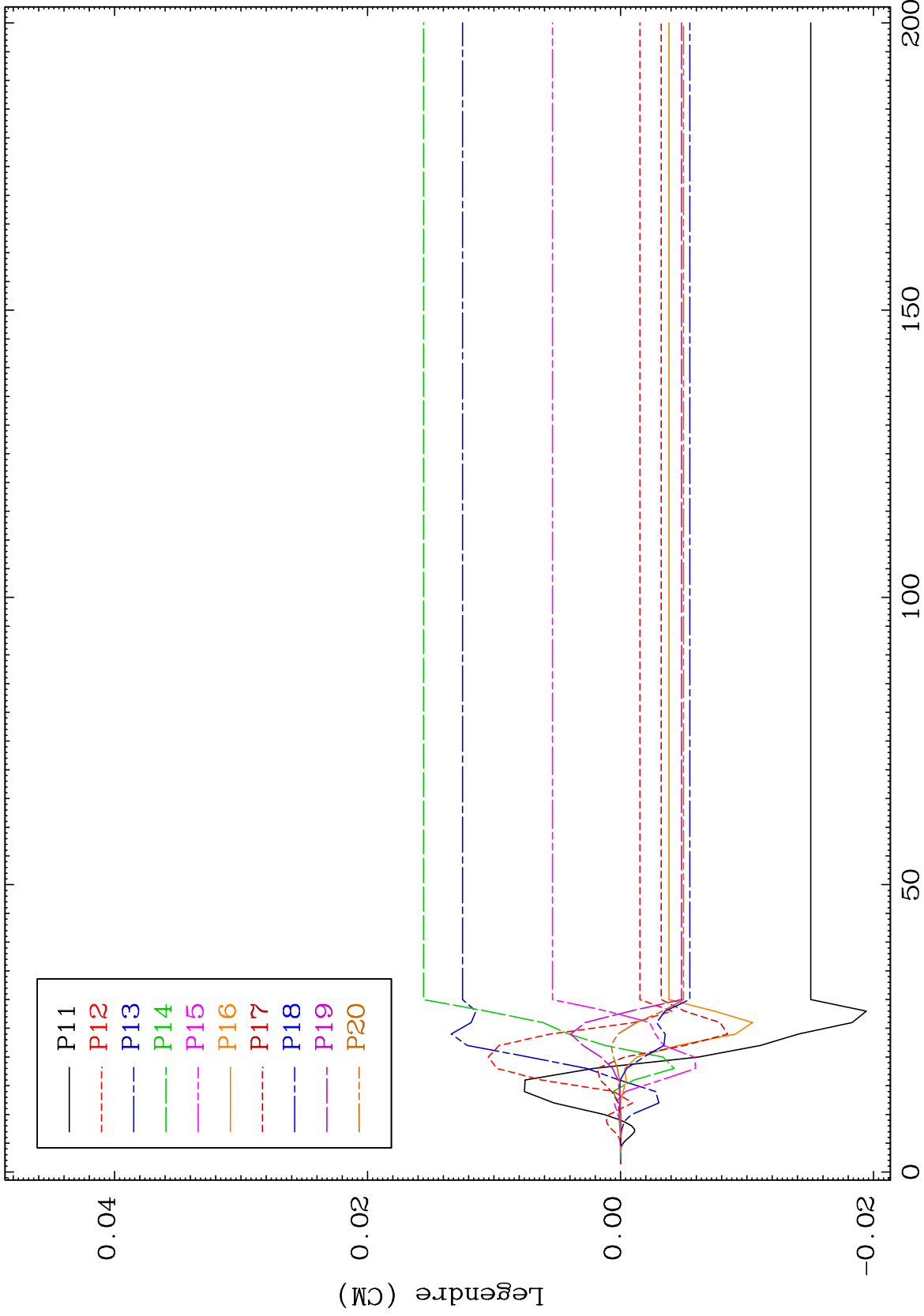
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



47

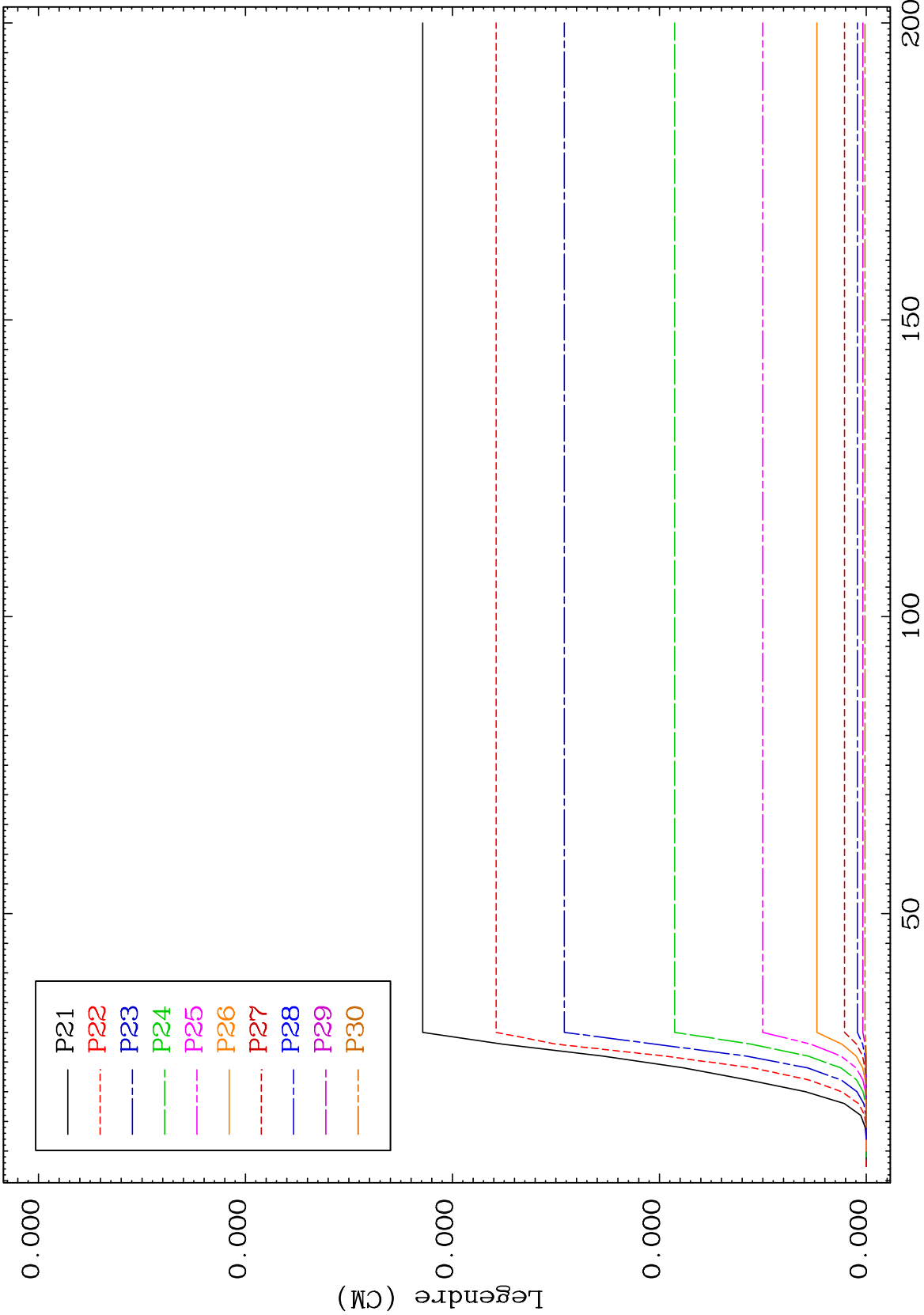
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



48

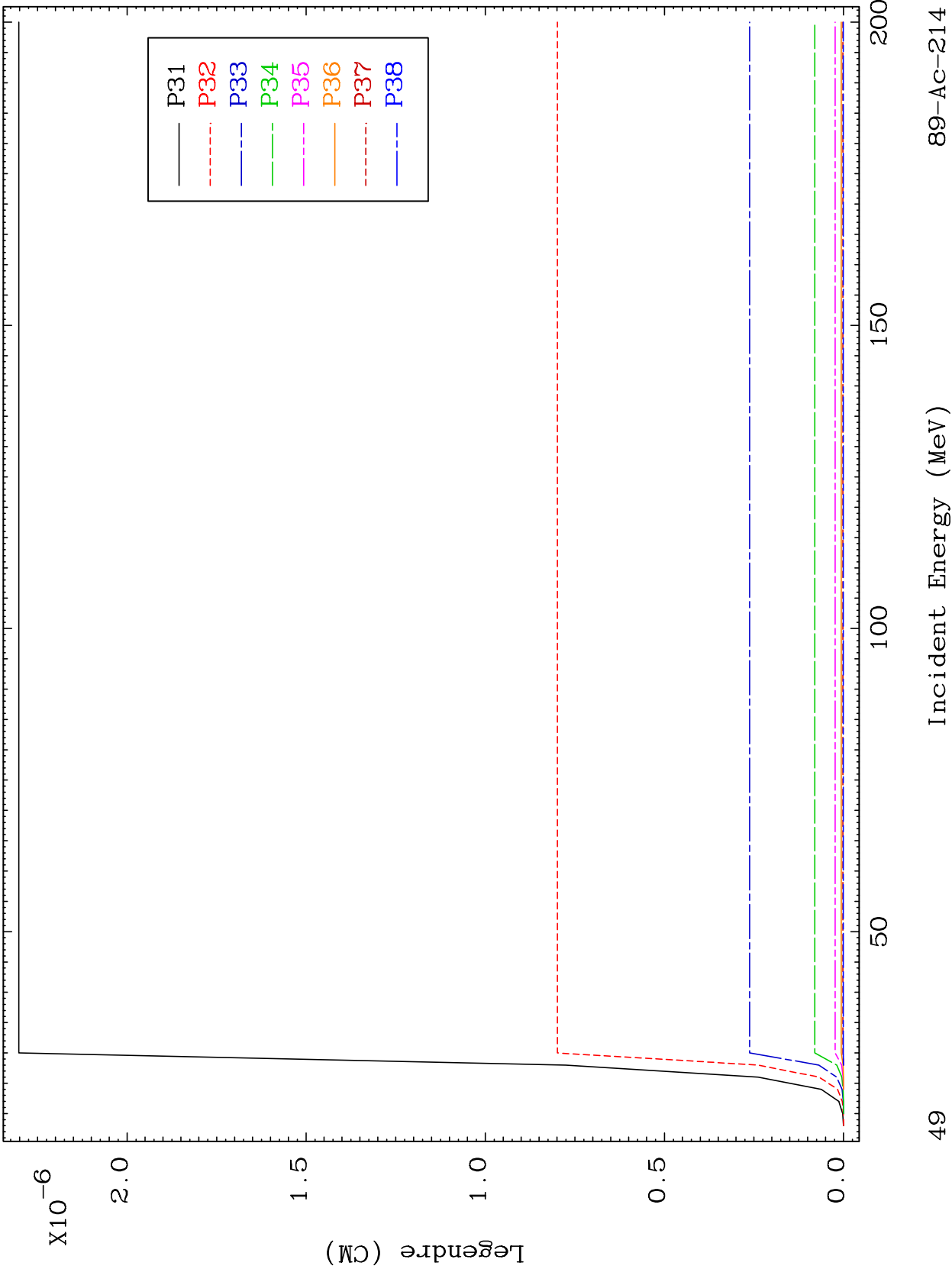
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



49

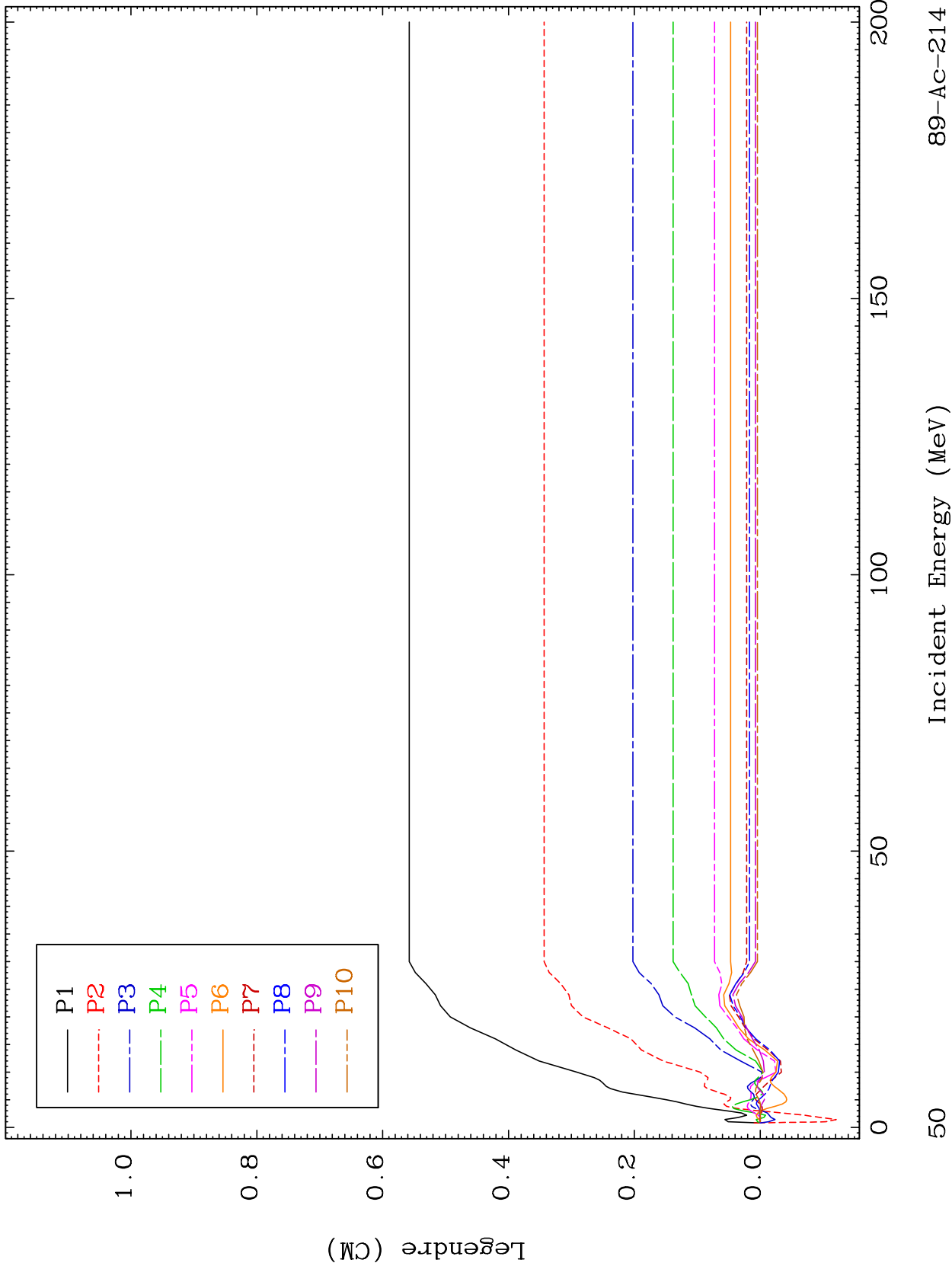
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



89-Ac-214

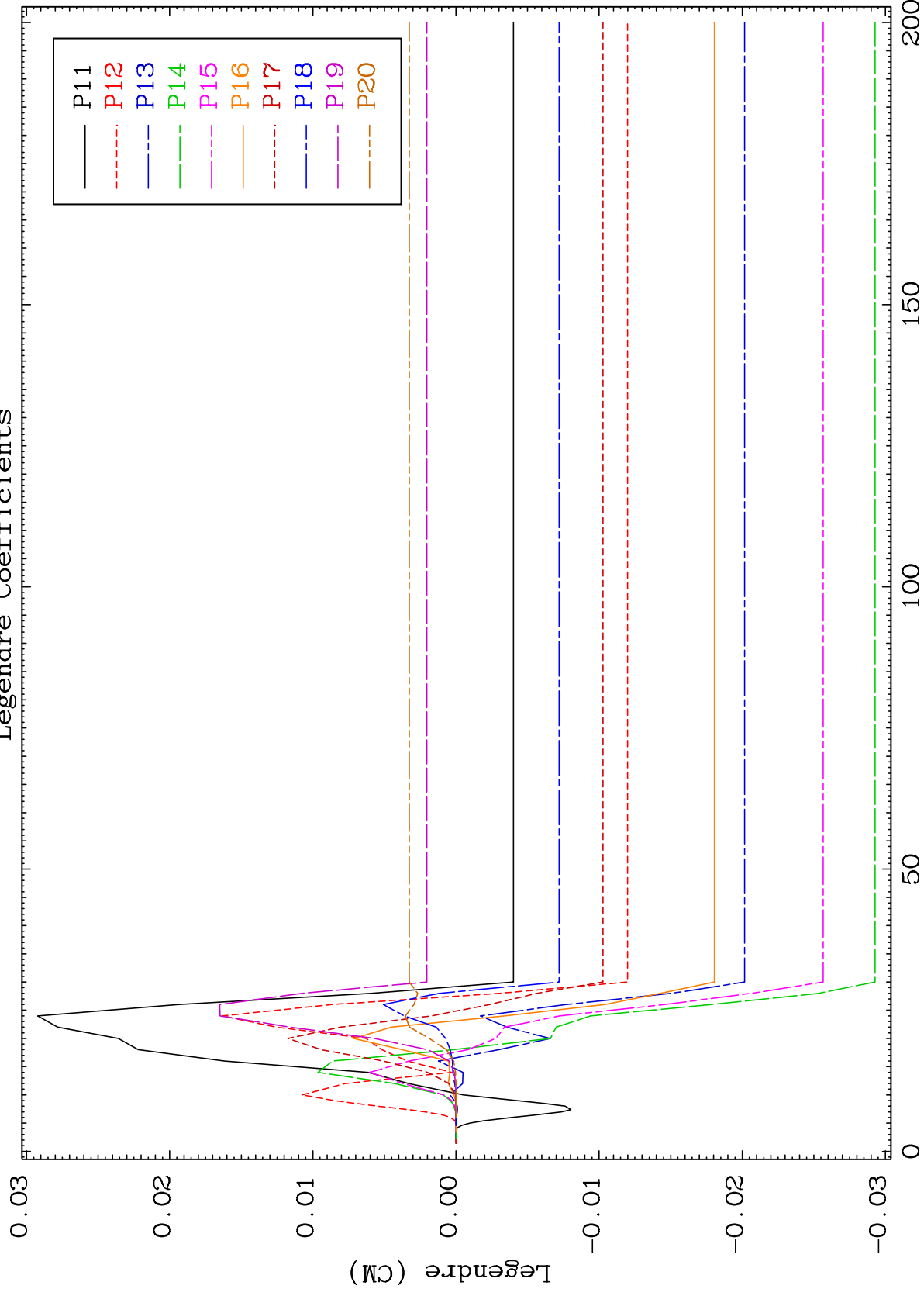
Incident Energy (MeV)

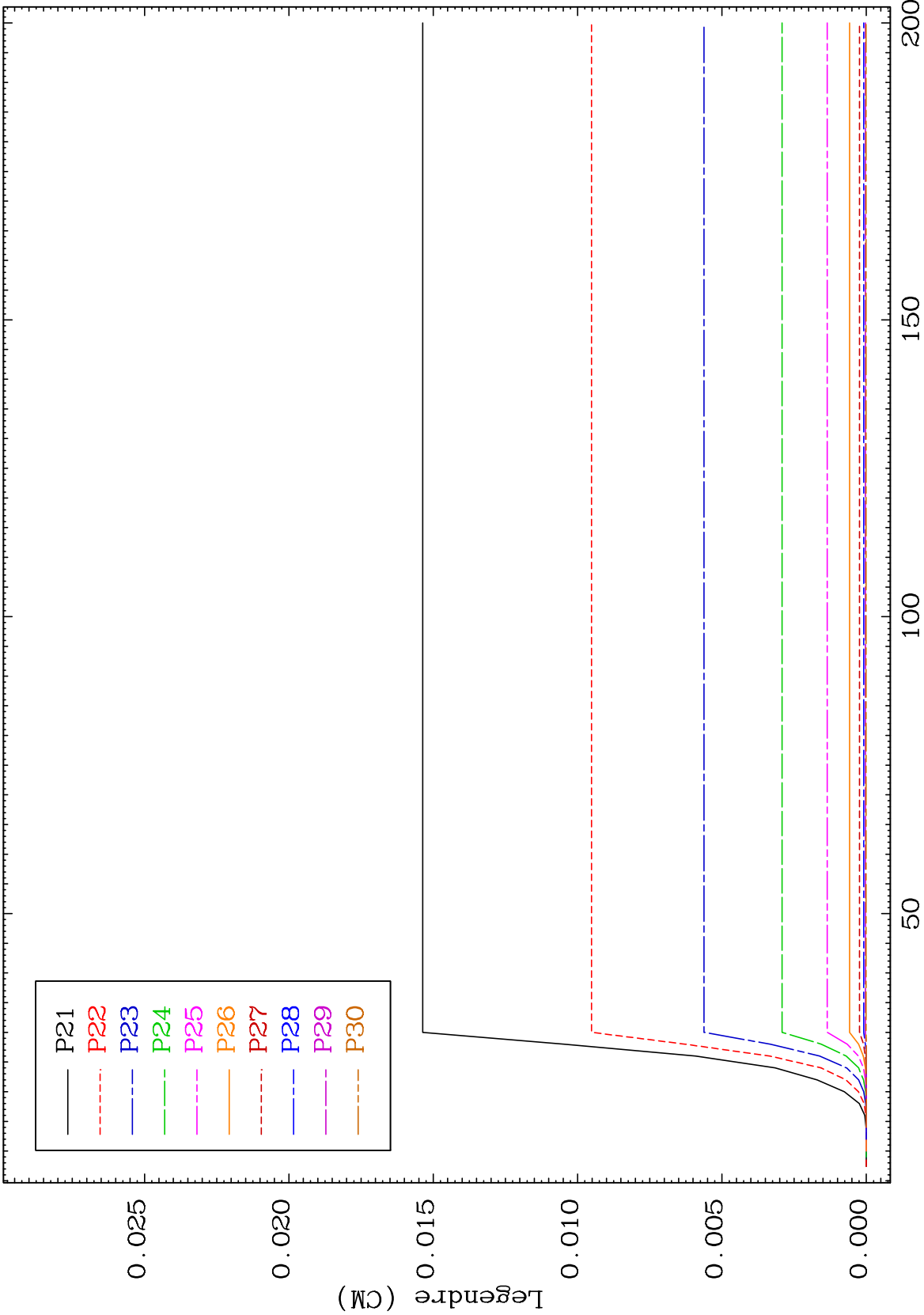
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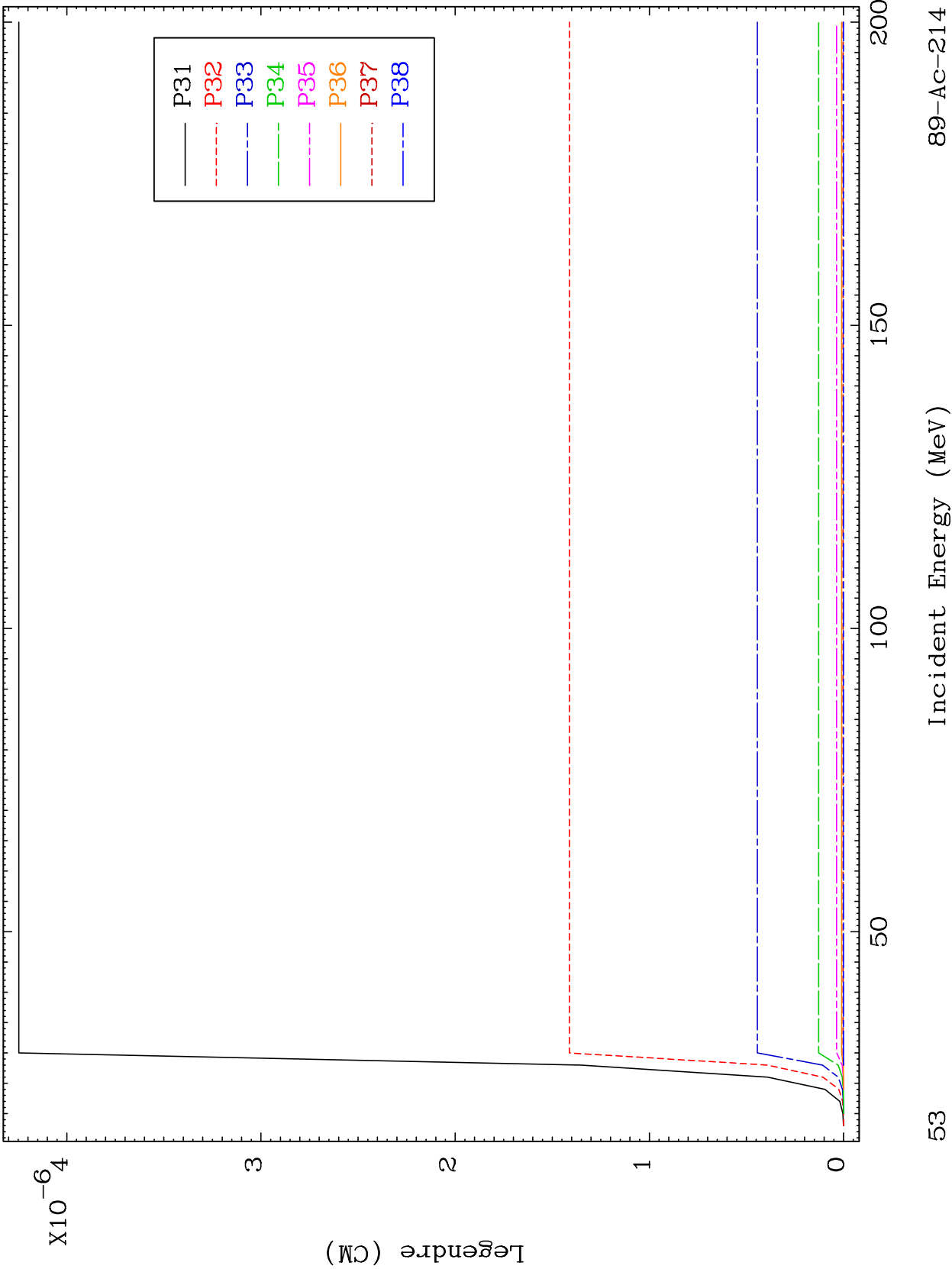
MAT 8892

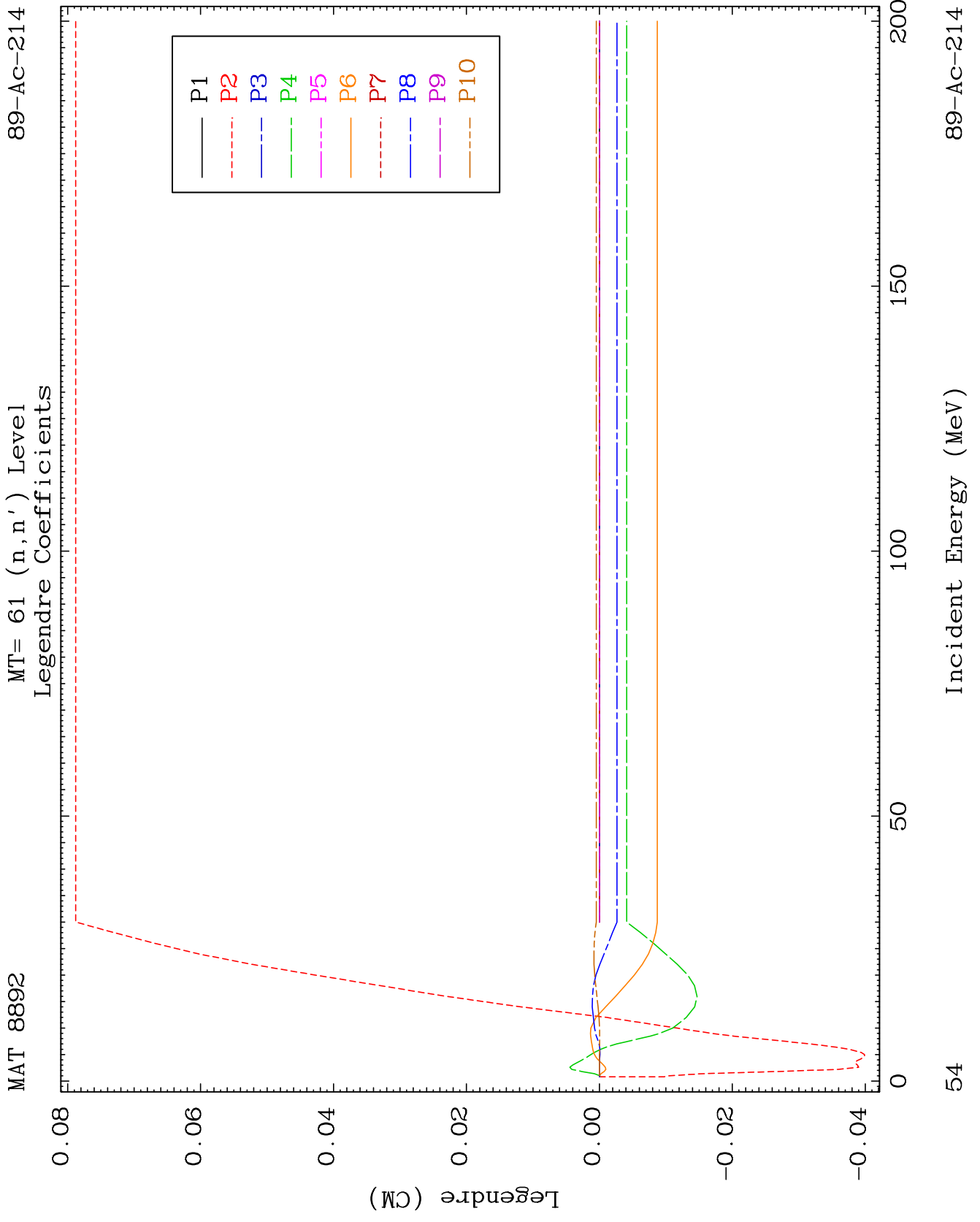
MT= 60 (n,n') Level
Legendre Coefficients

89-Ac-214





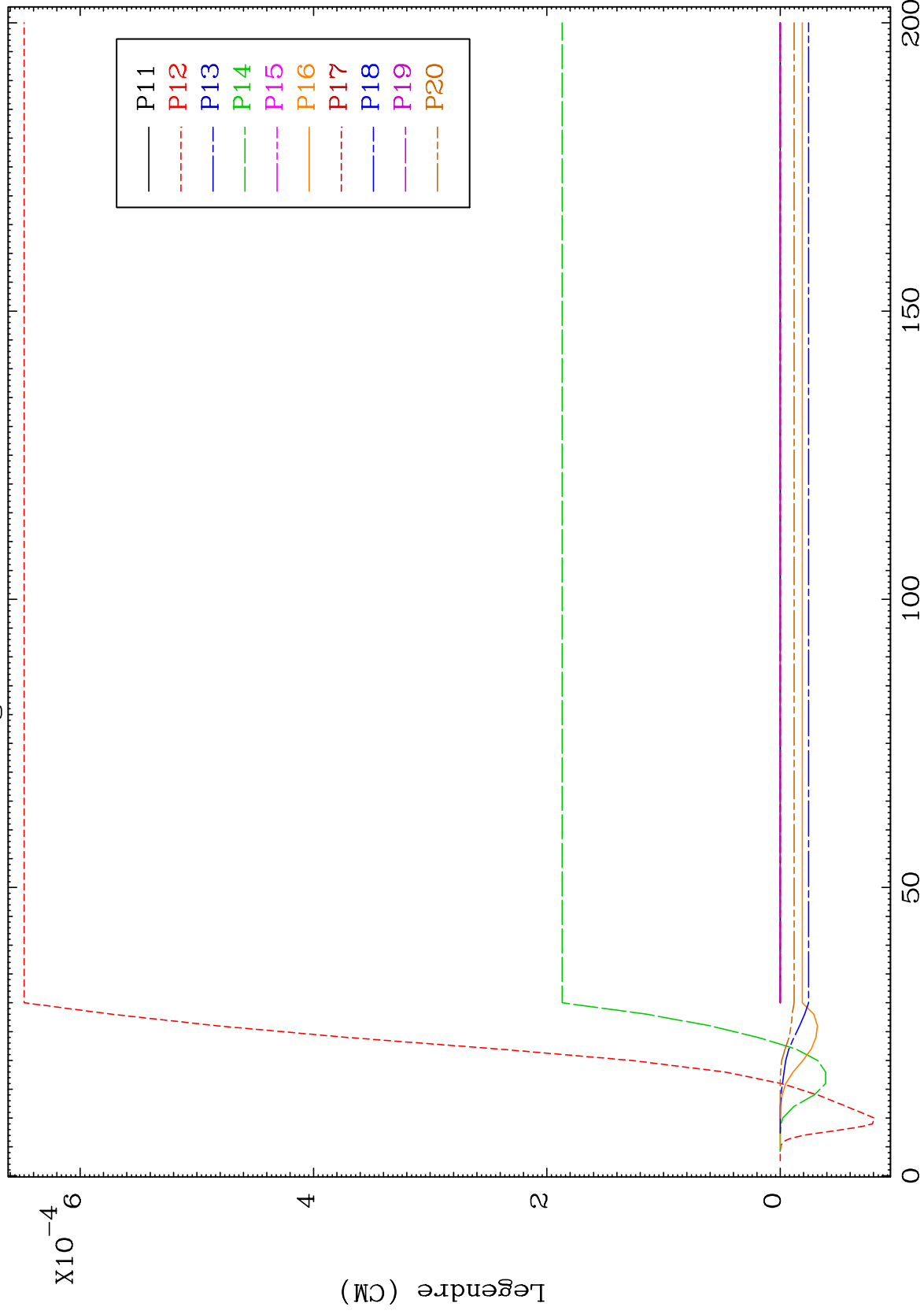




MAT 8892

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

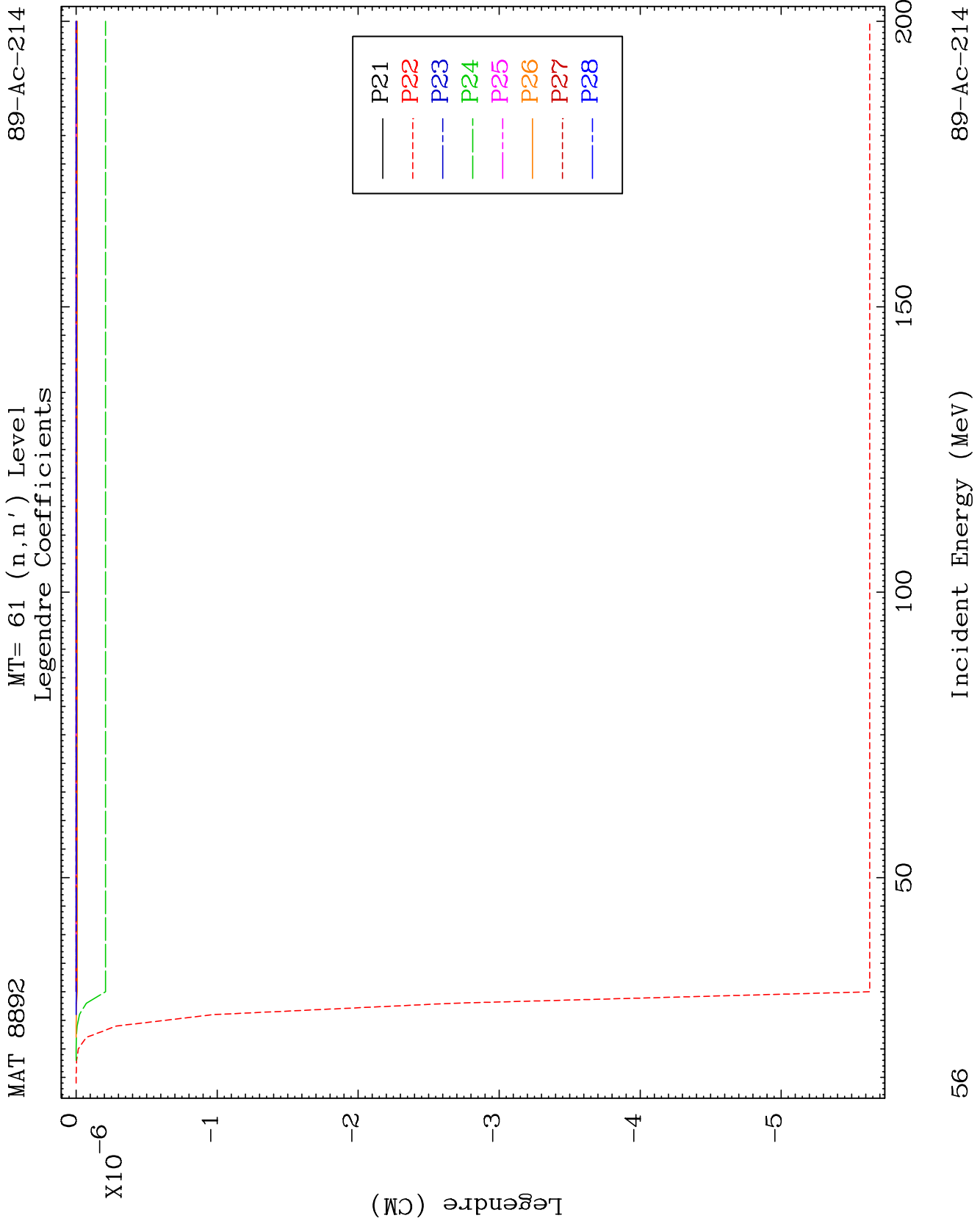
89-Ac-214



55

Incident Energy (MeV)

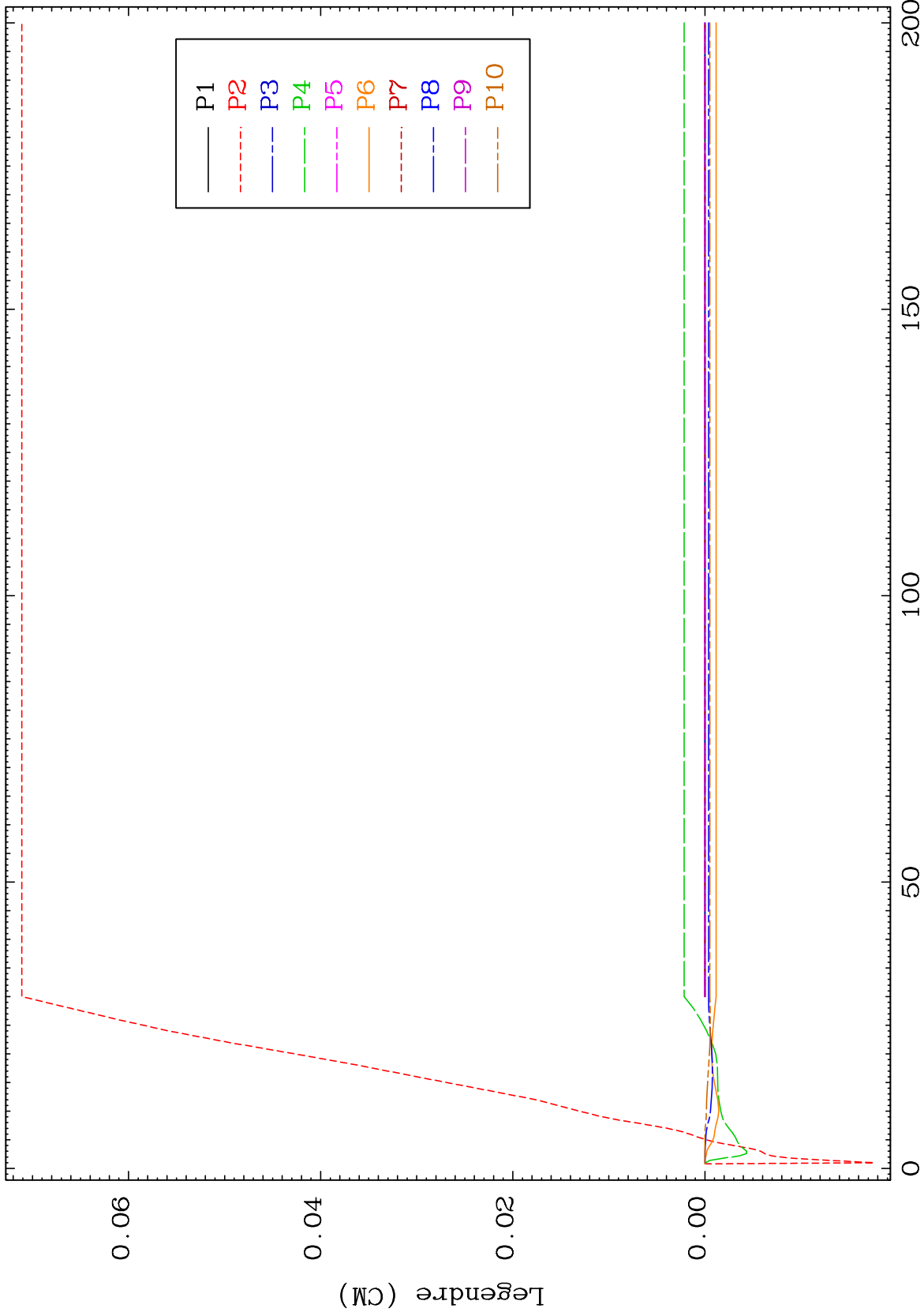
89-Ac-214



MAT 8892

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

89-Ac-214



57

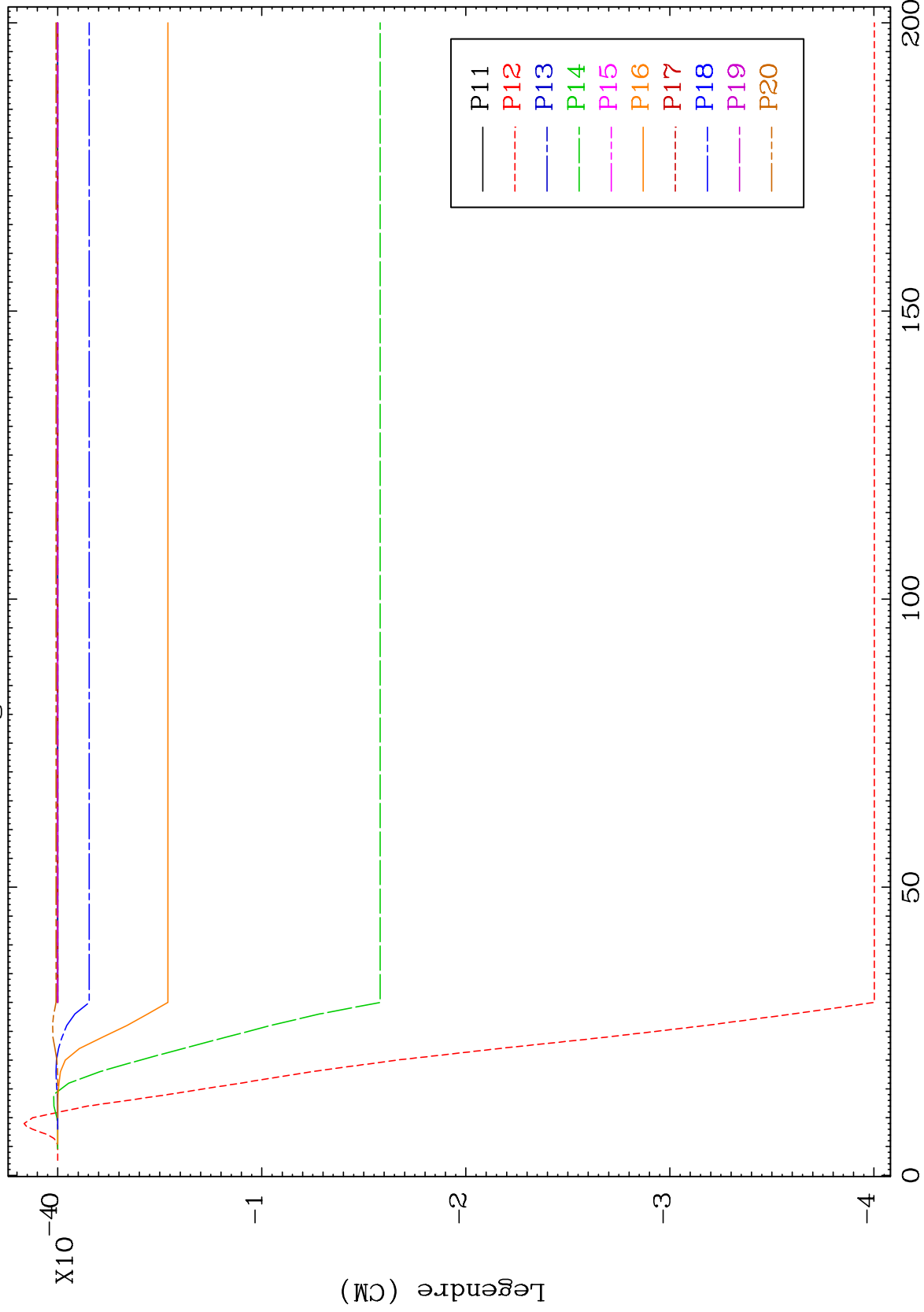
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



58

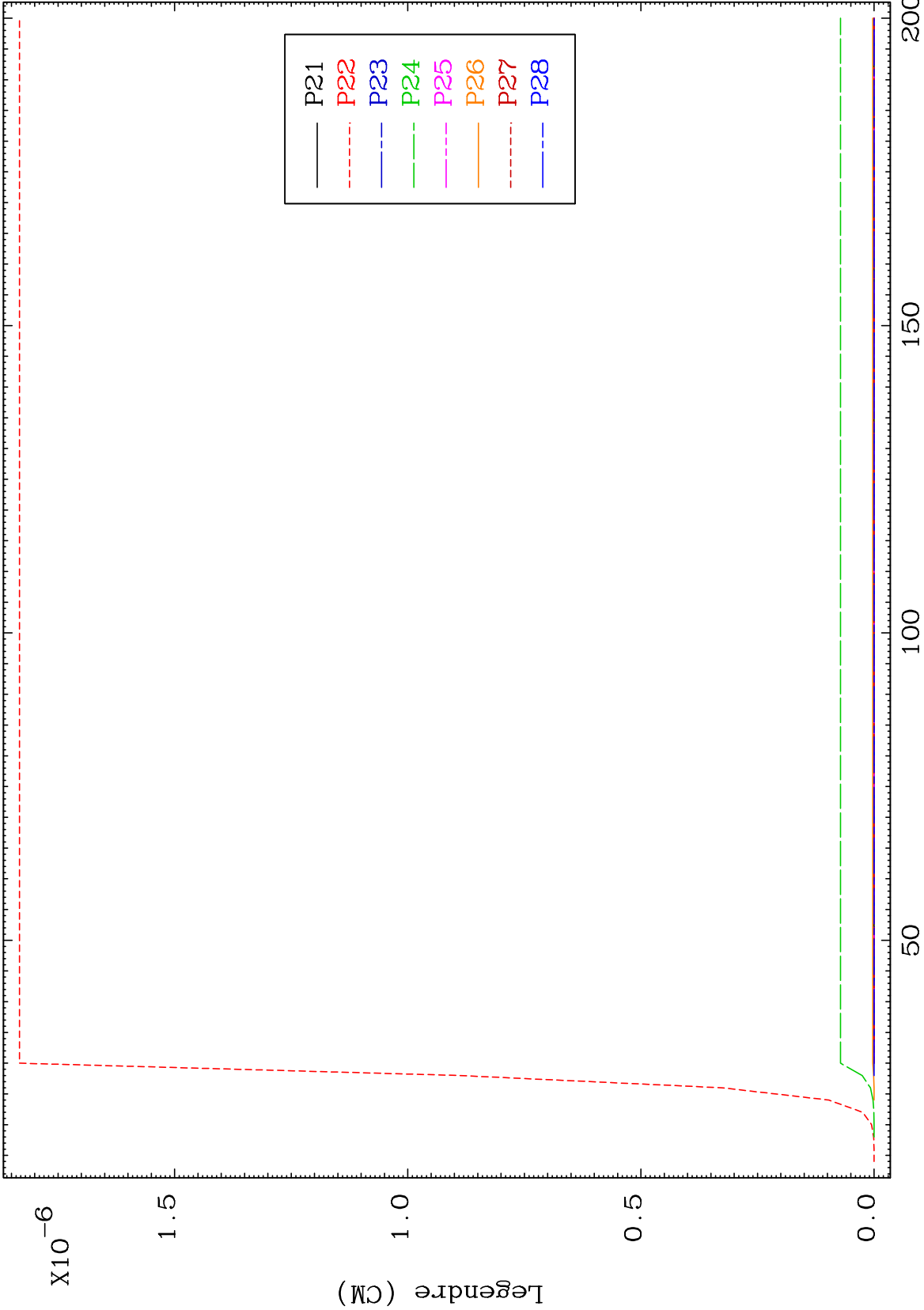
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



59

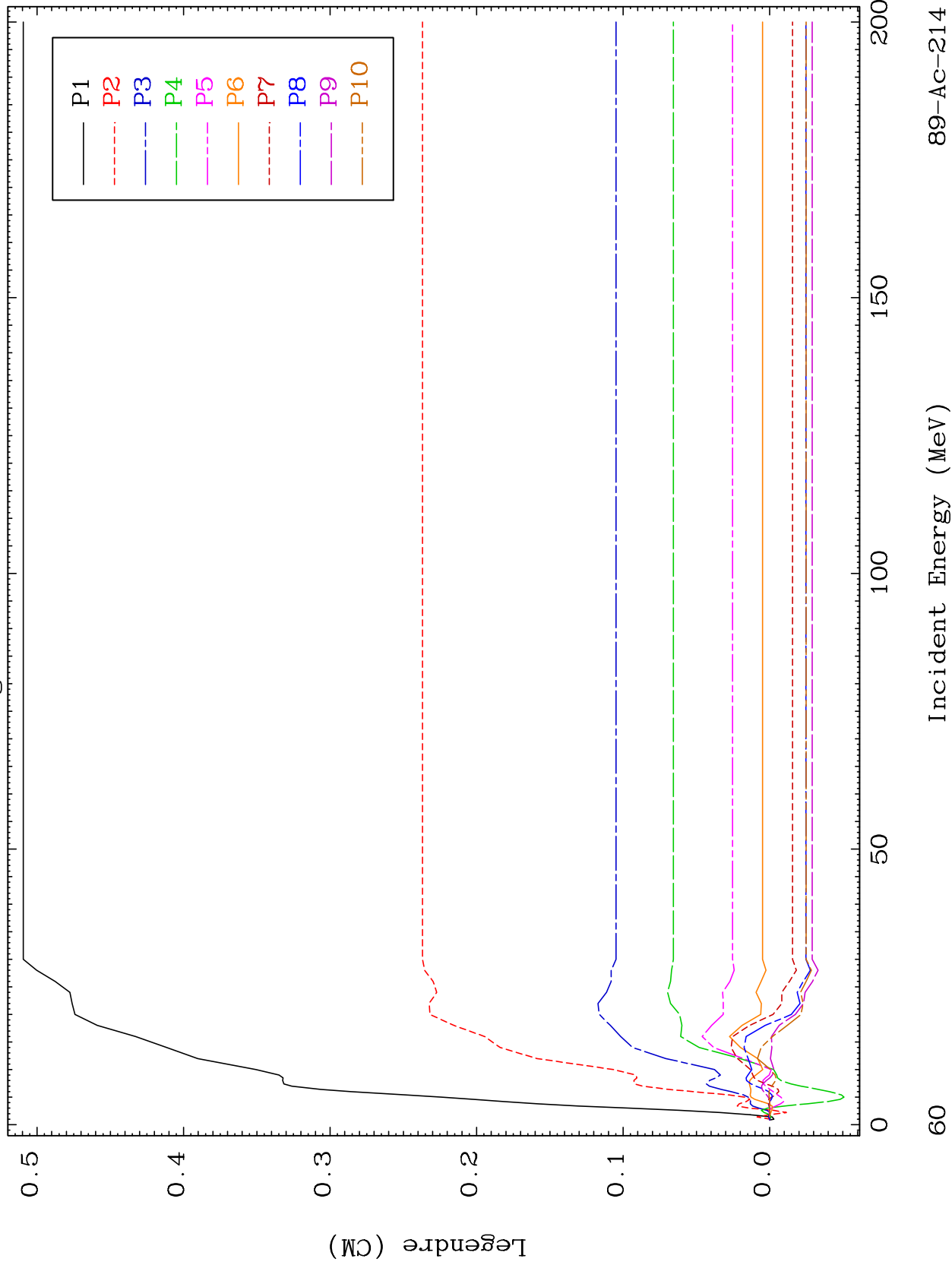
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214

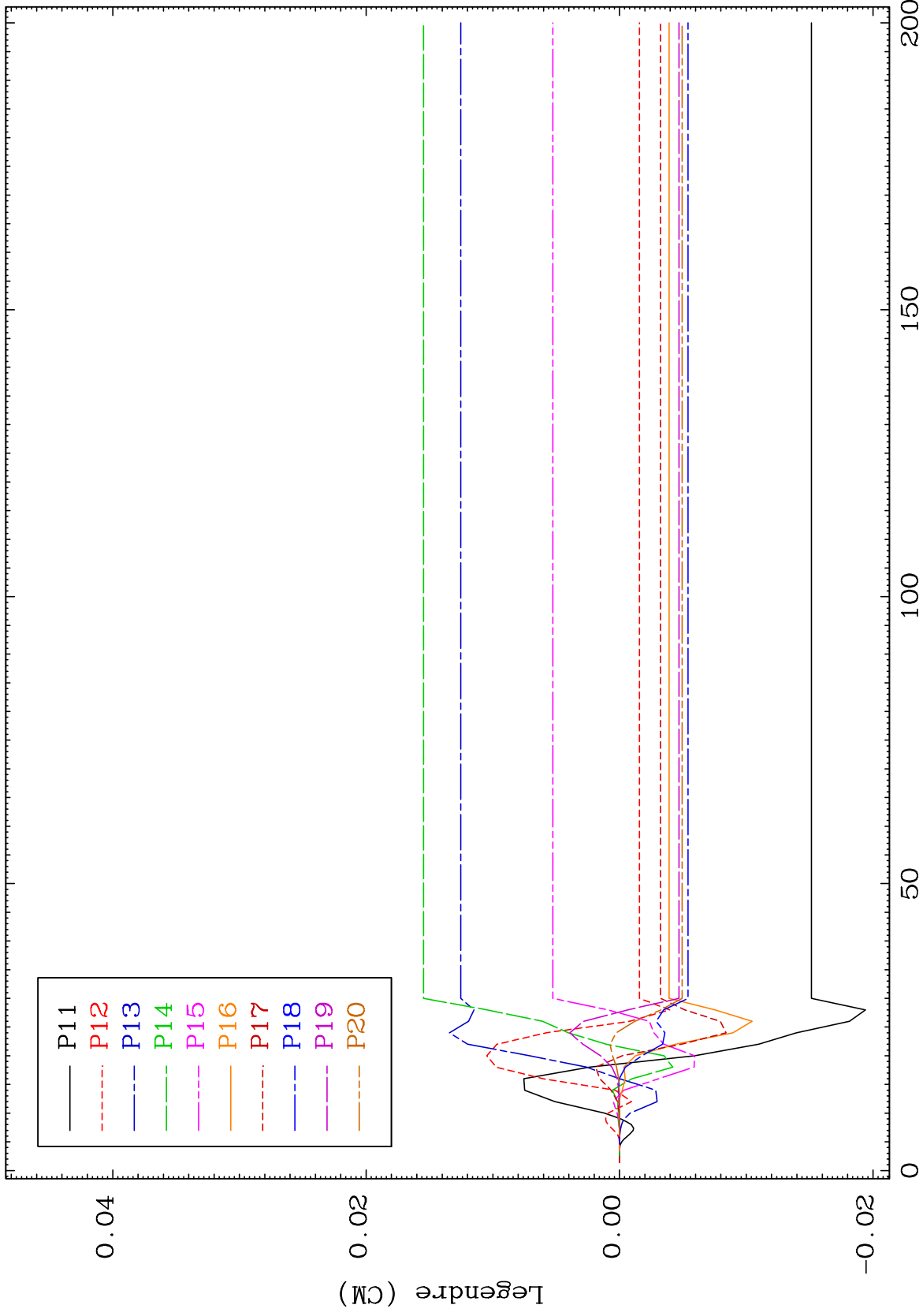


89-Ac-214

MAT 8892

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

89-Ac-214



61

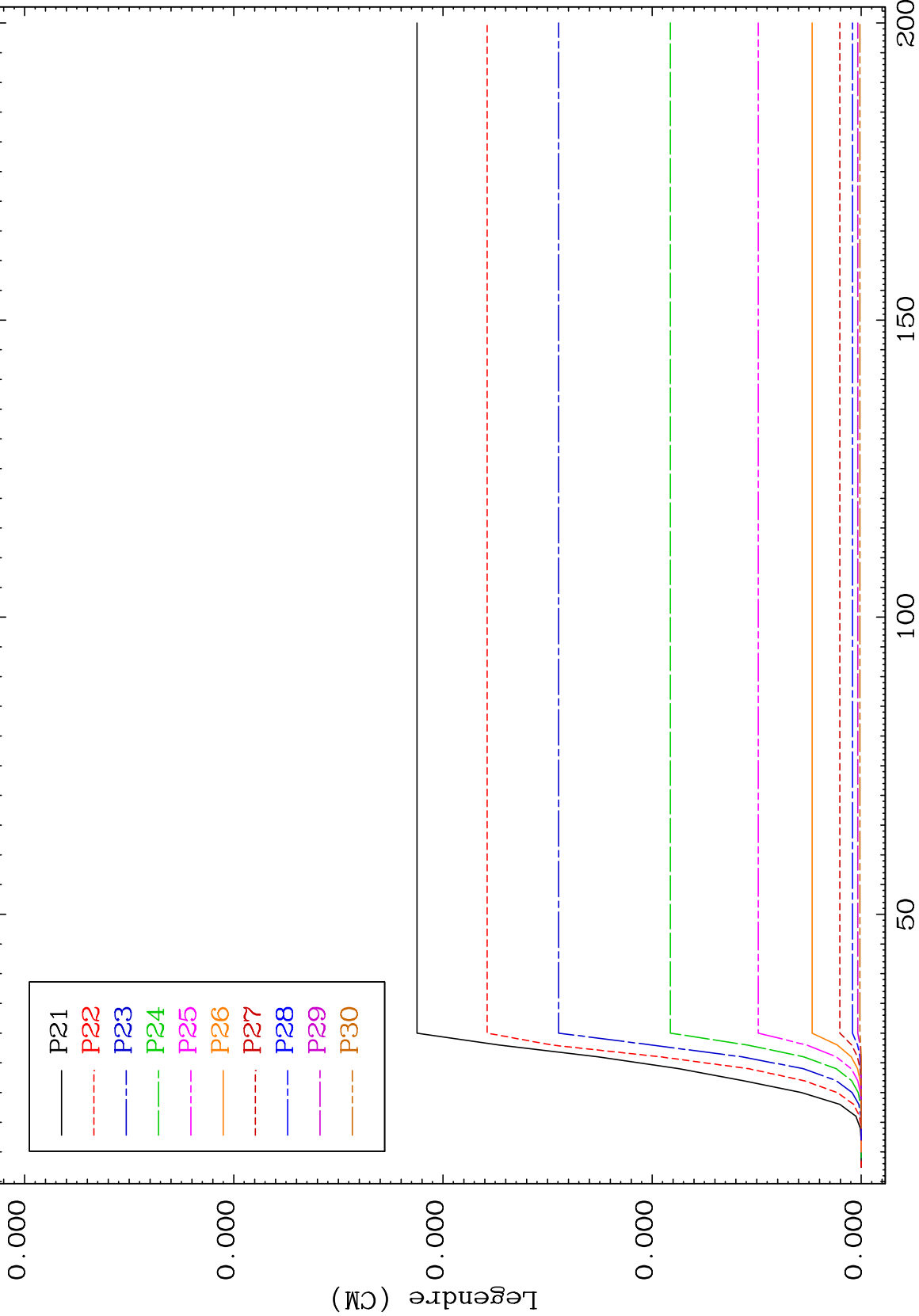
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



62

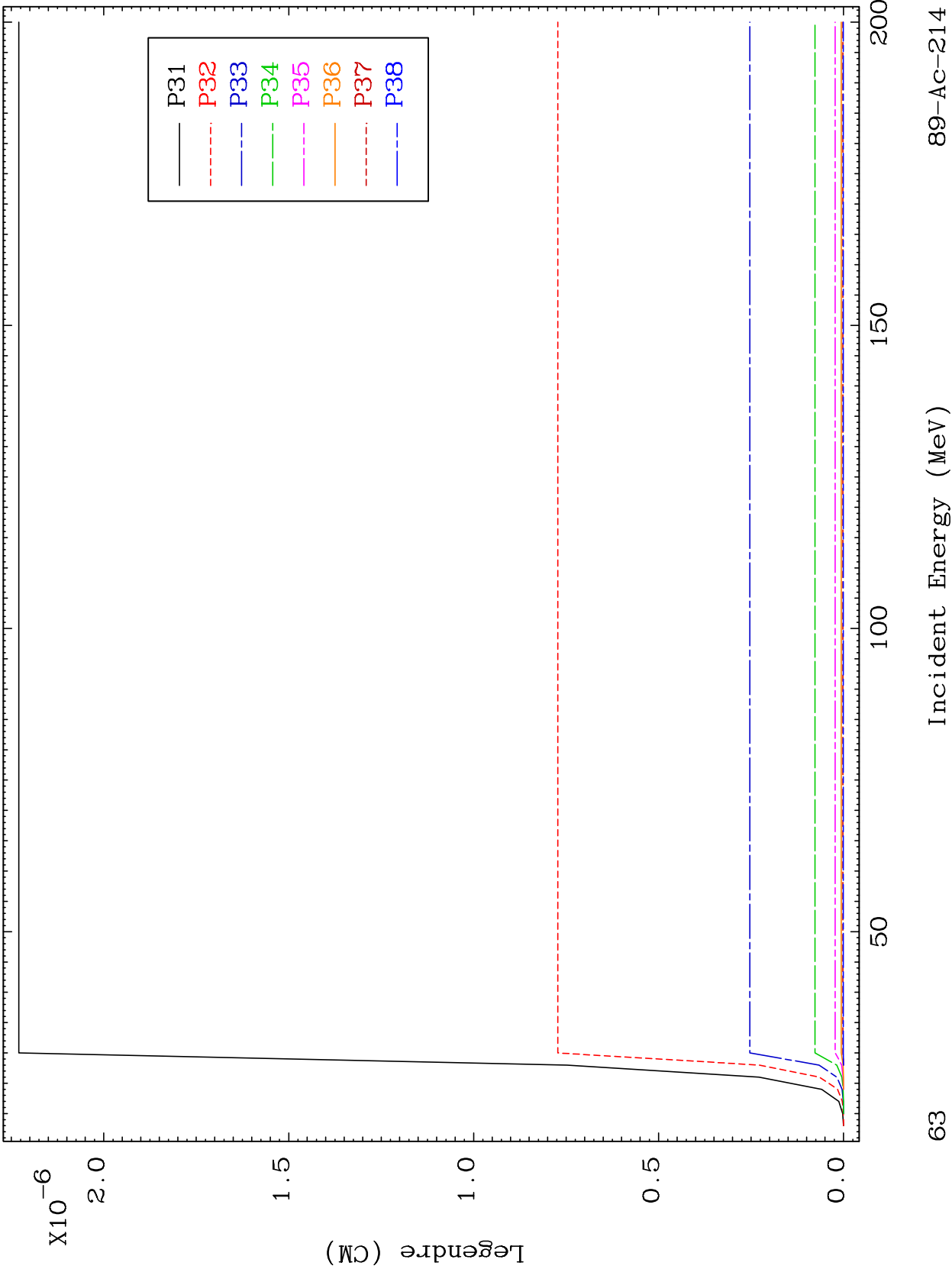
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



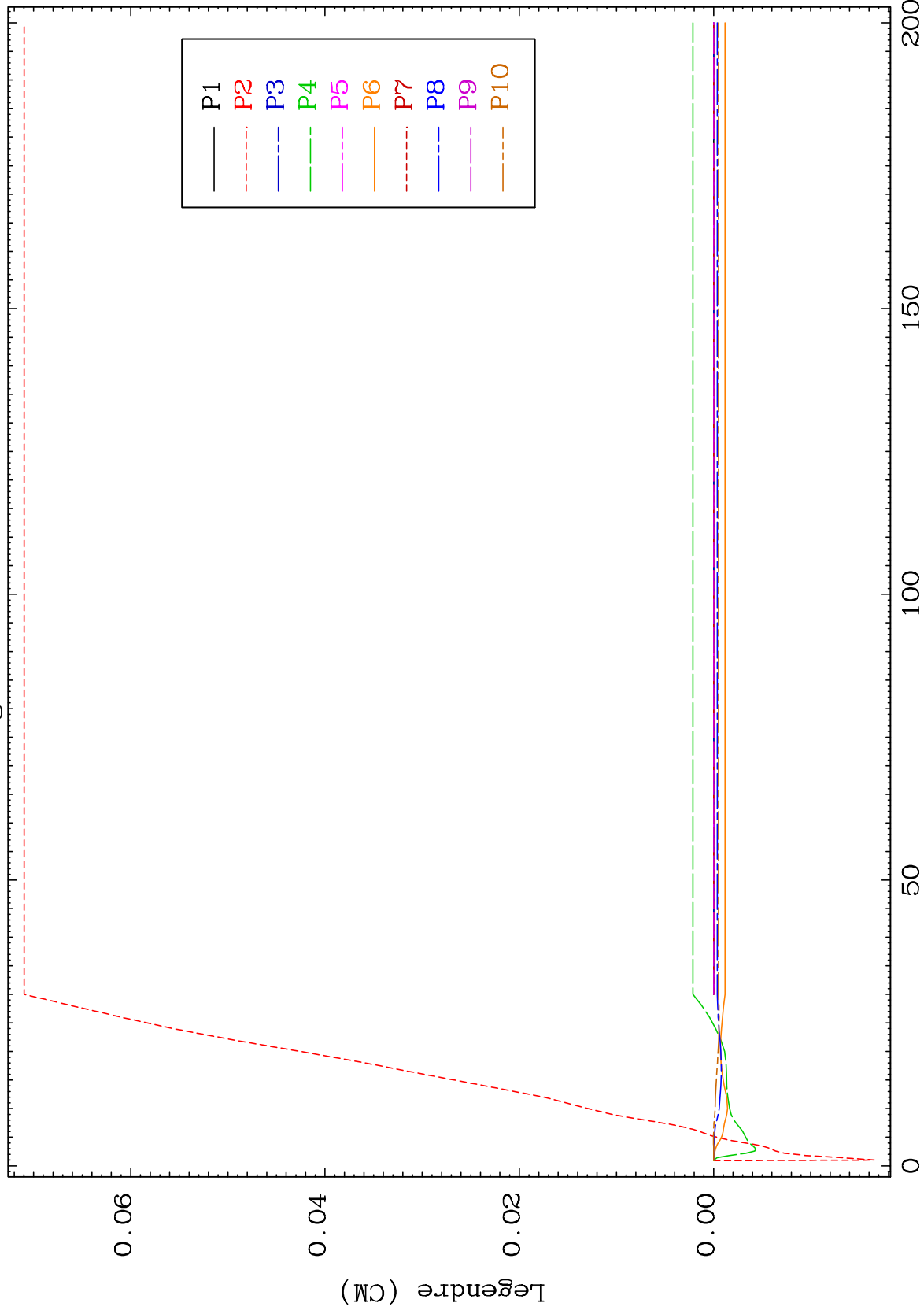
63

89-Ac-214

MAT 8892

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

89-Ac-214



64

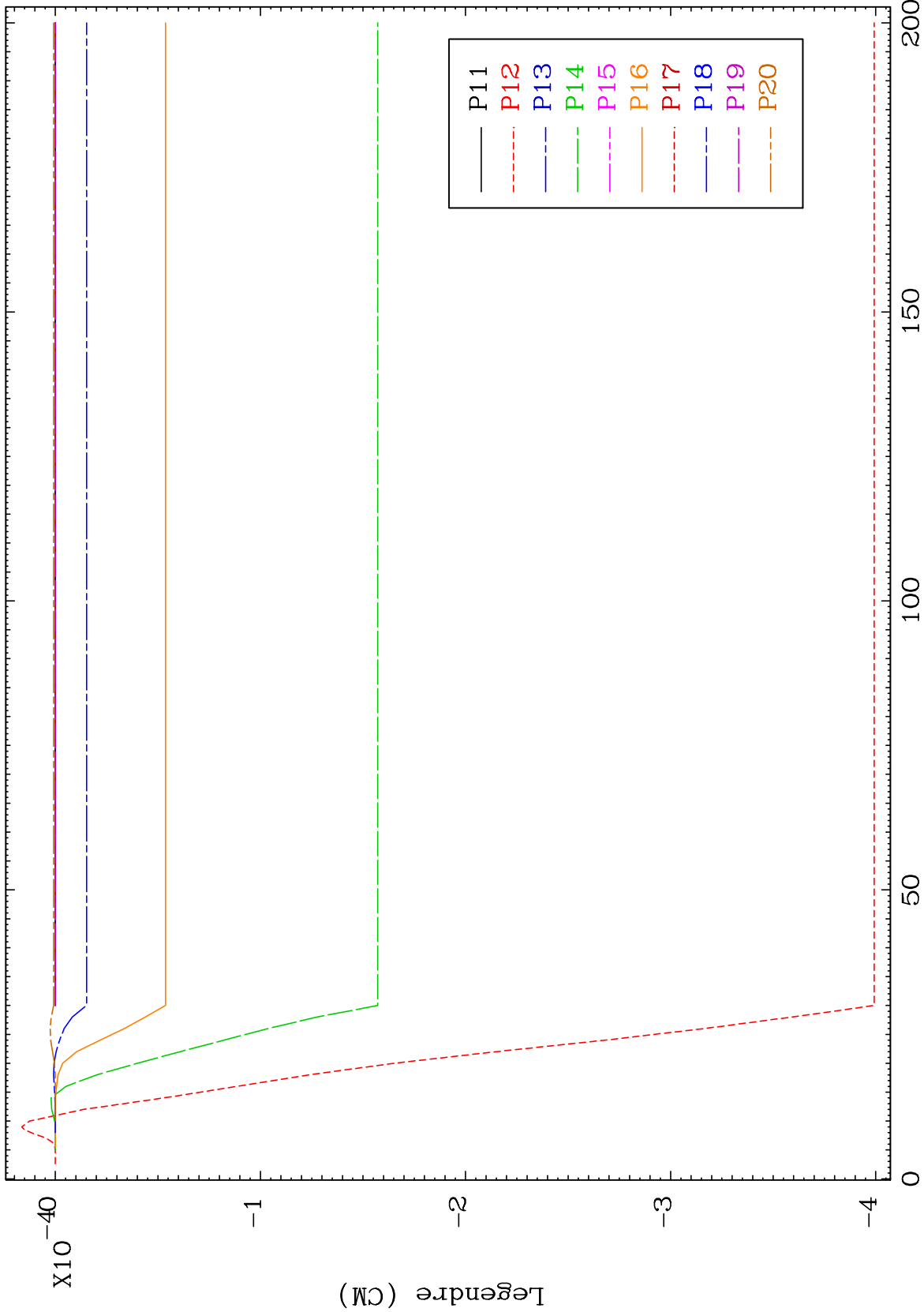
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



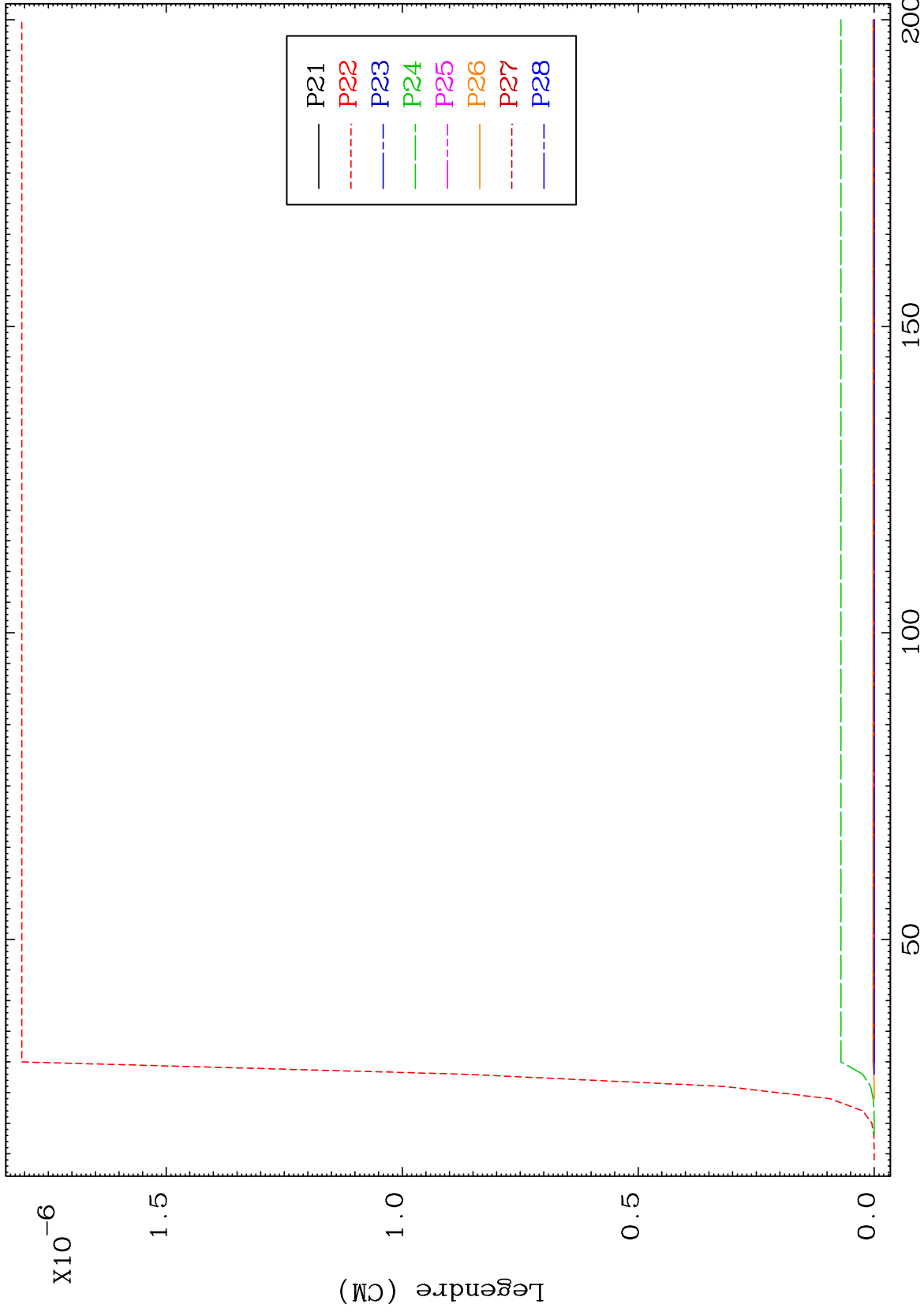
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89-Ac-214

MAT 8892

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

89-Ac-214



66

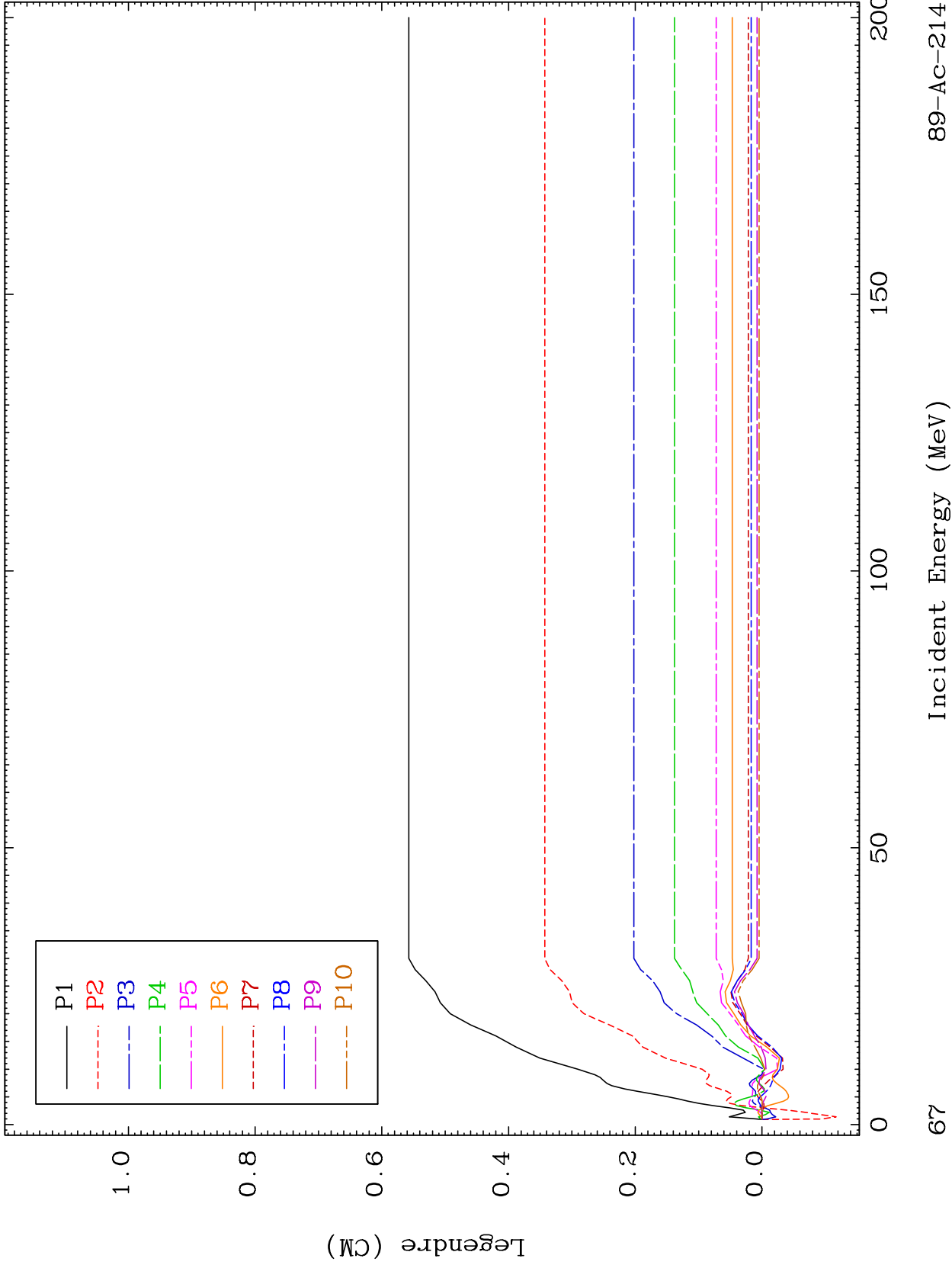
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



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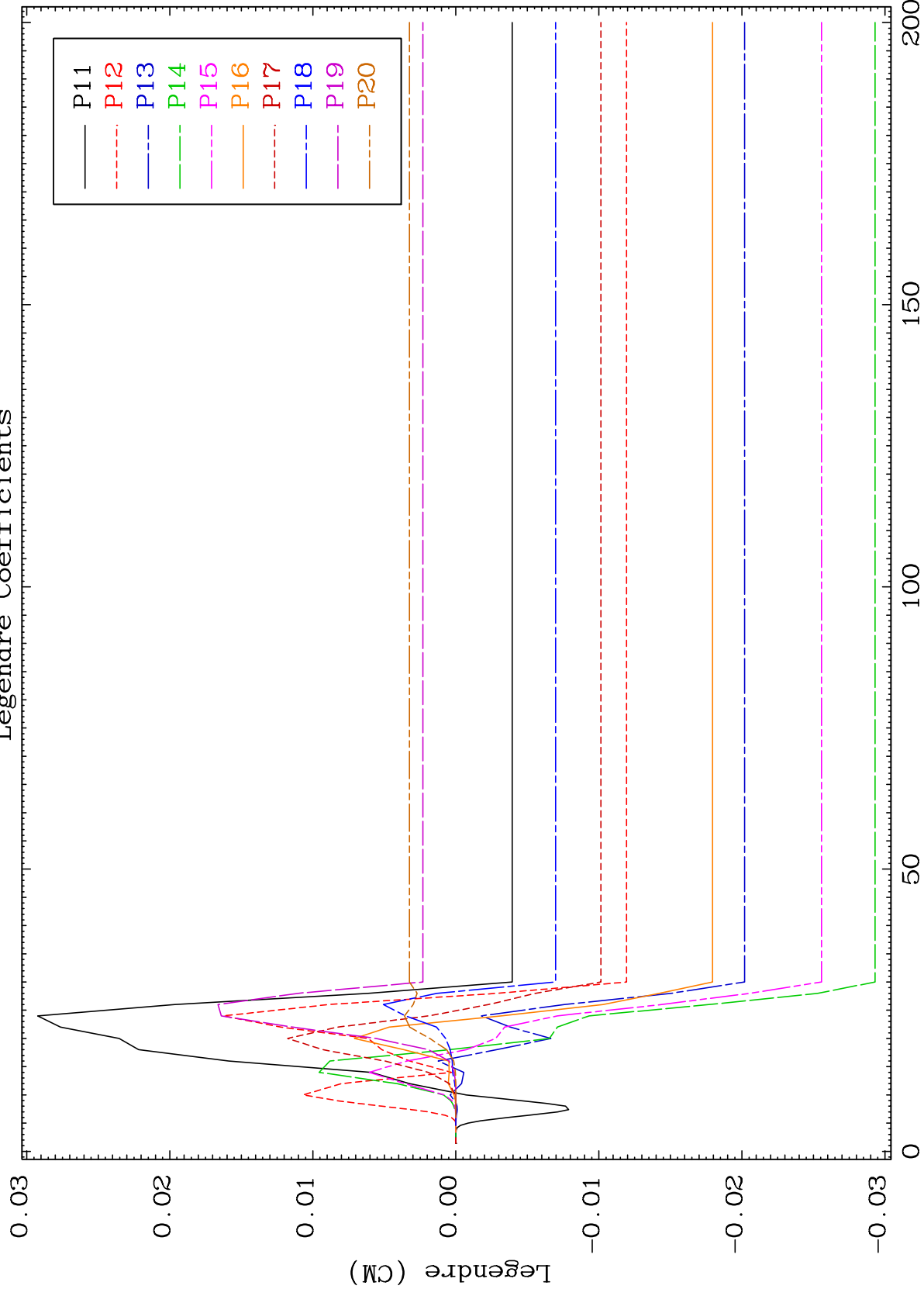
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

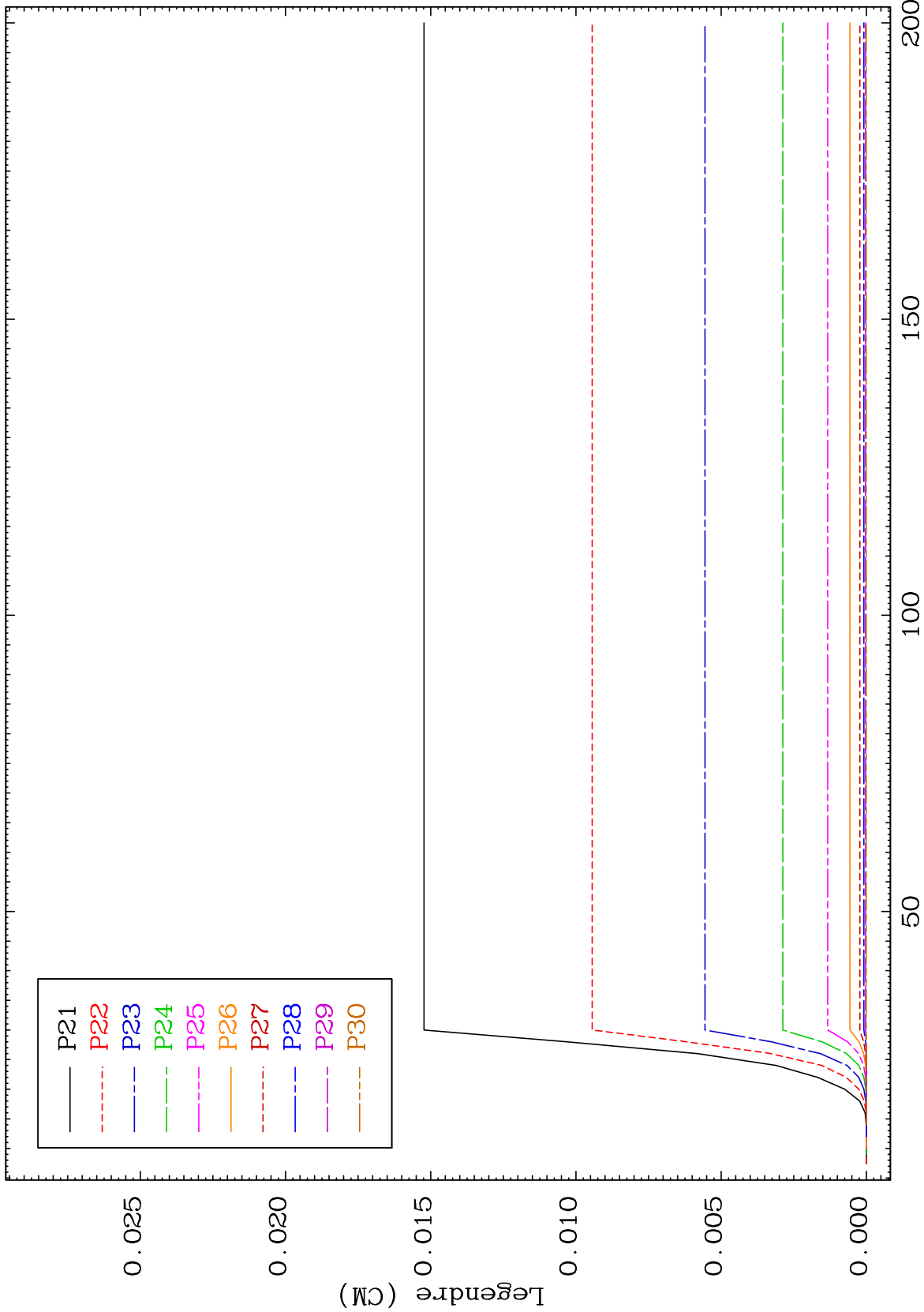
89-Ac-214



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Incident Energy (MeV)

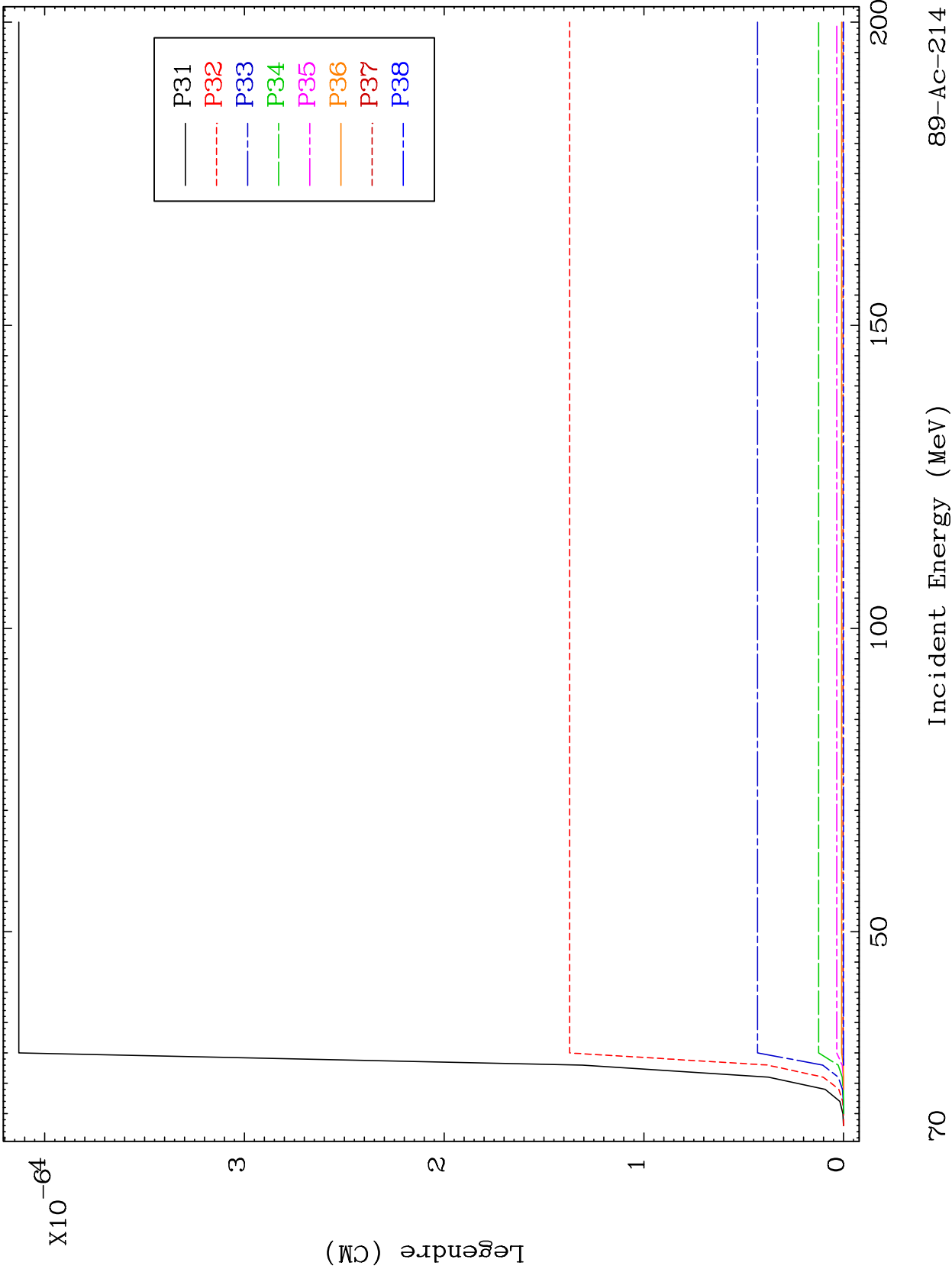
89-Ac-214

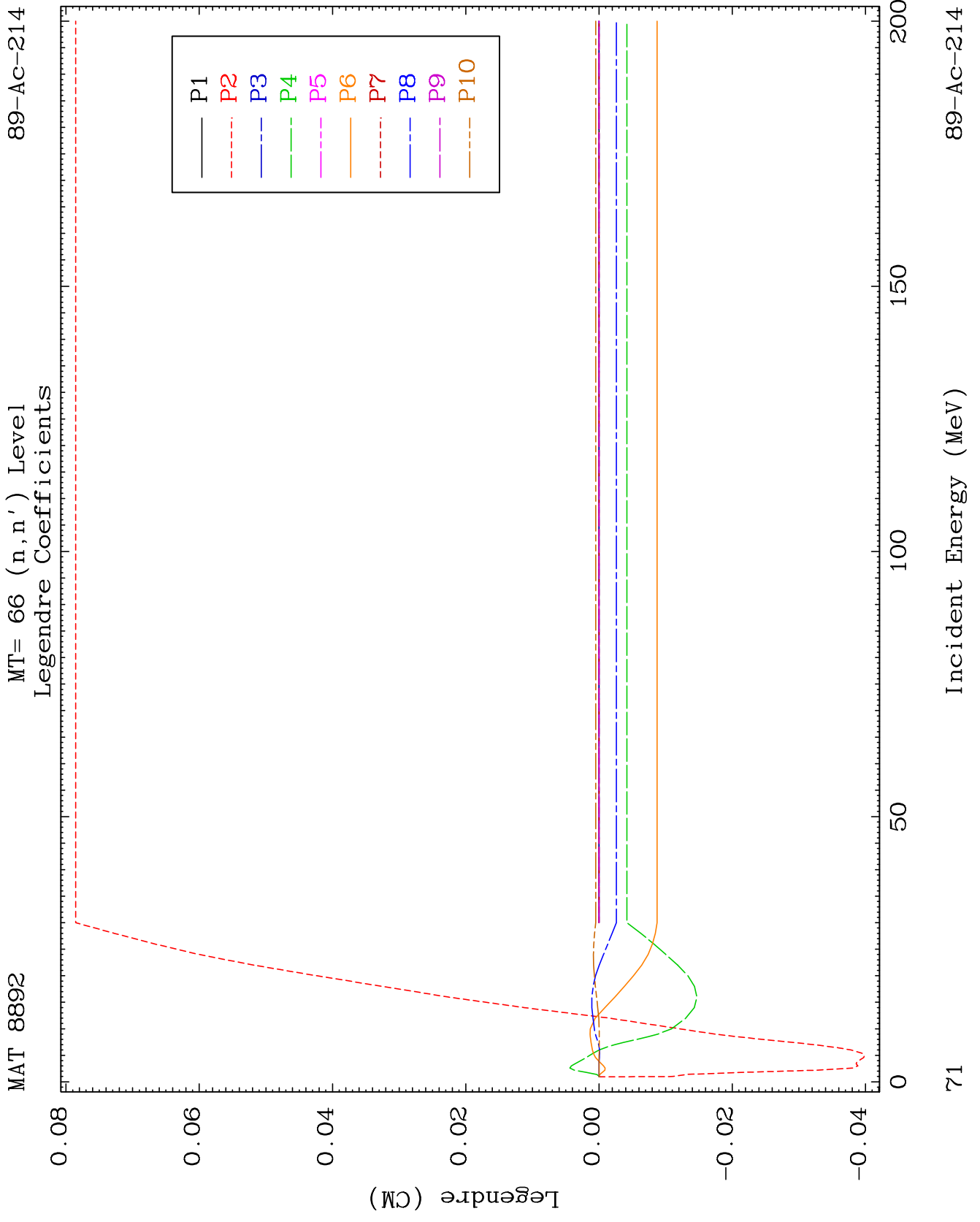


MAT 8892

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

89-Ac-214

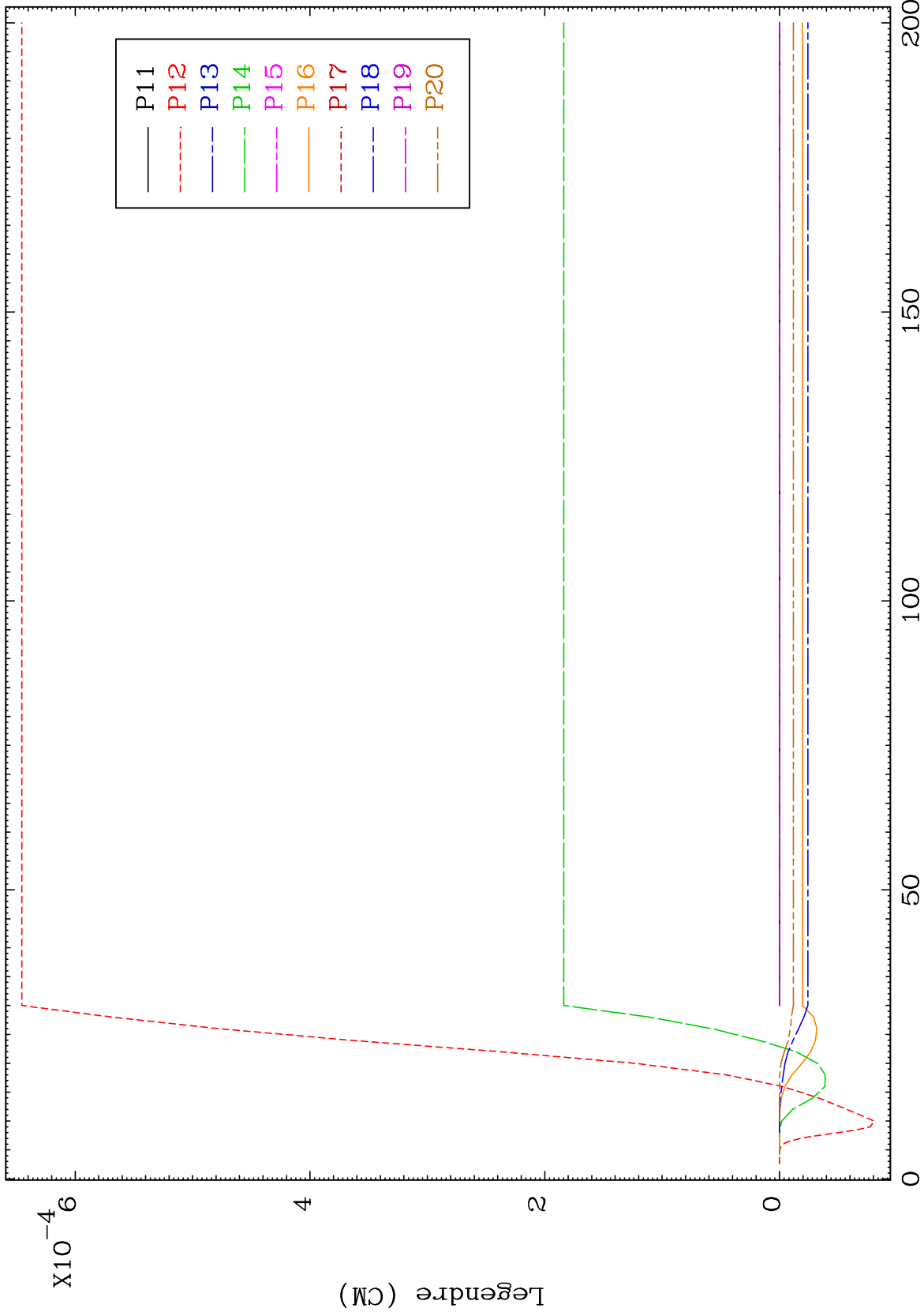




MAT 8892

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

89-Ac-214



72

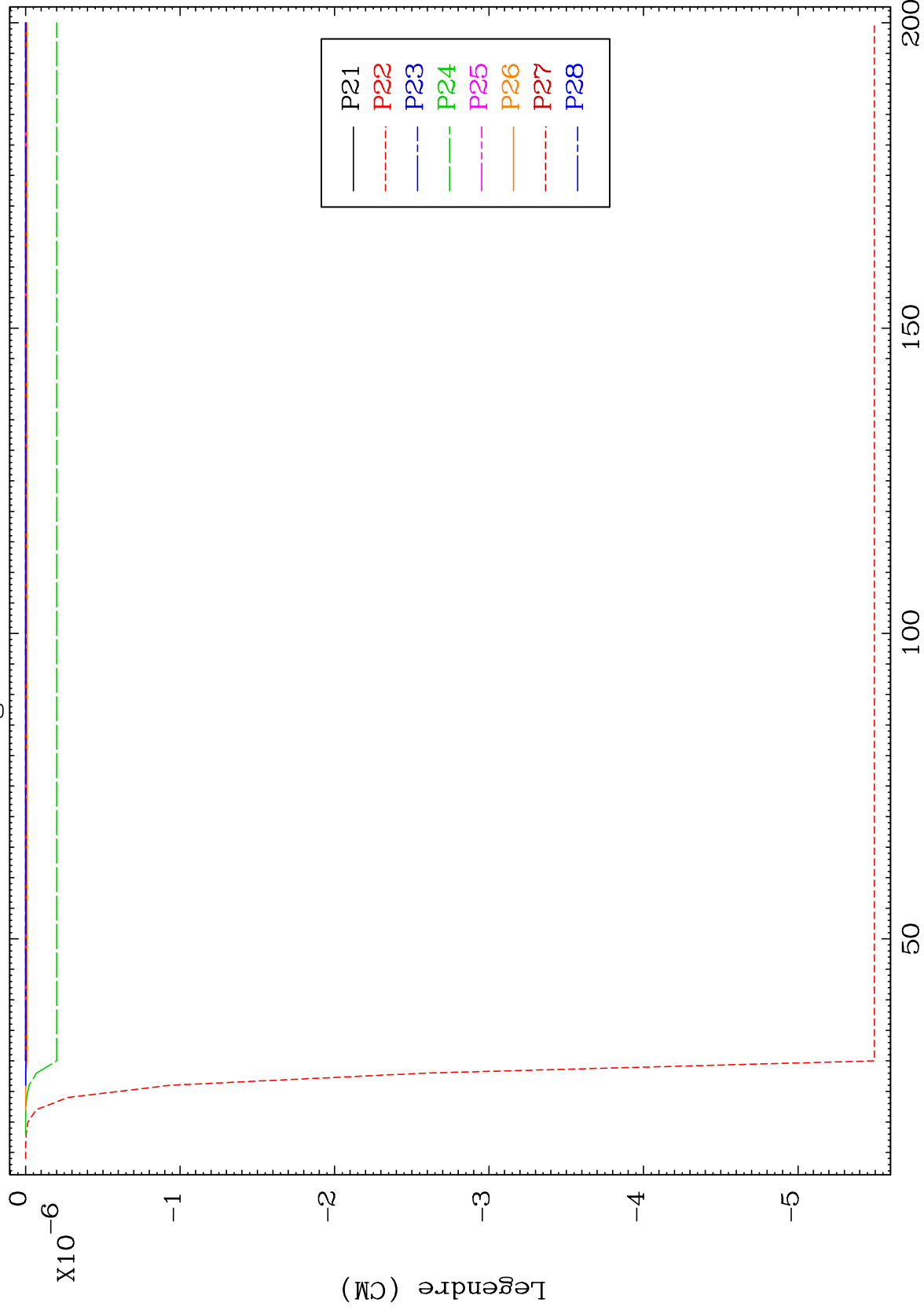
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



73

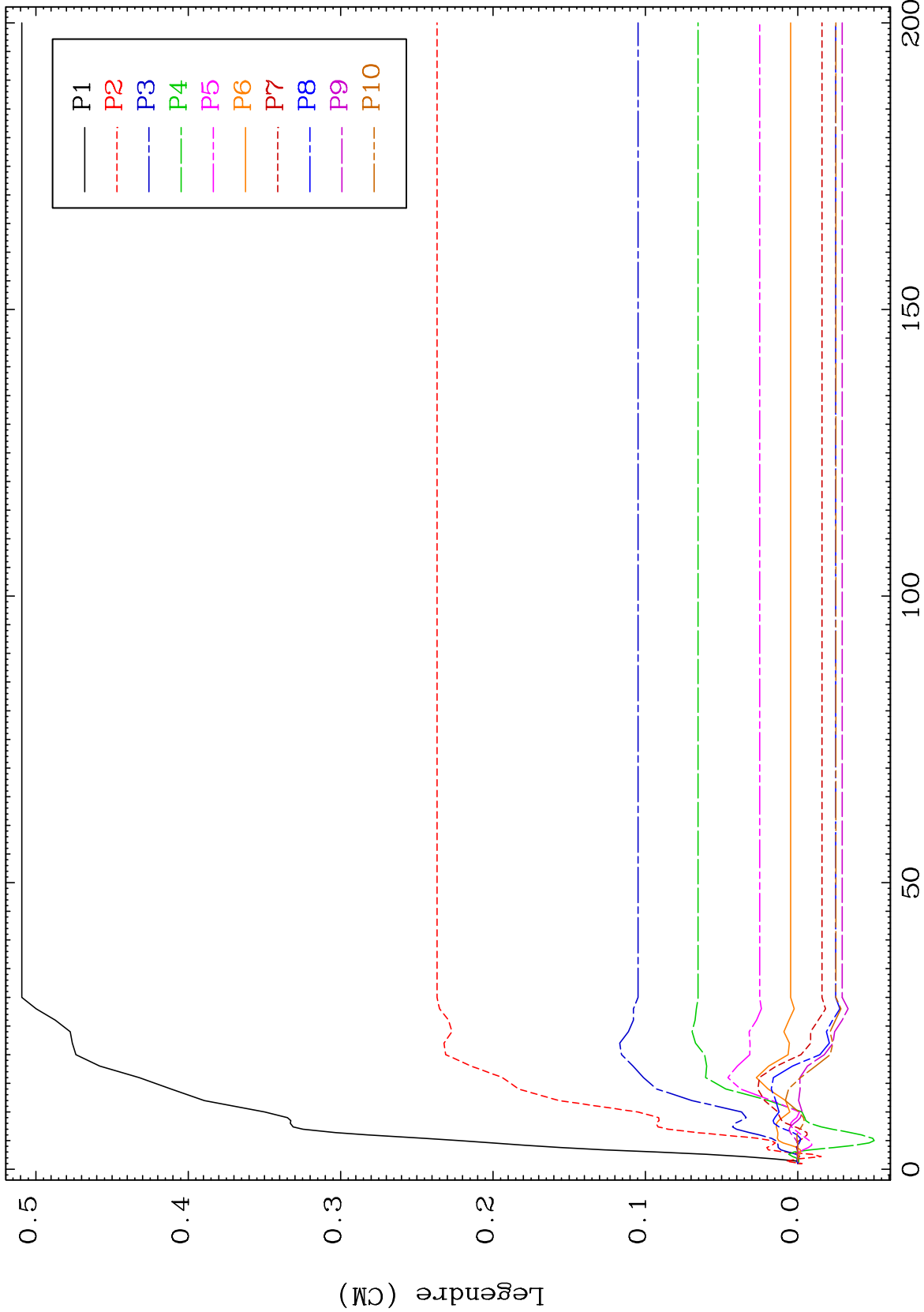
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



74

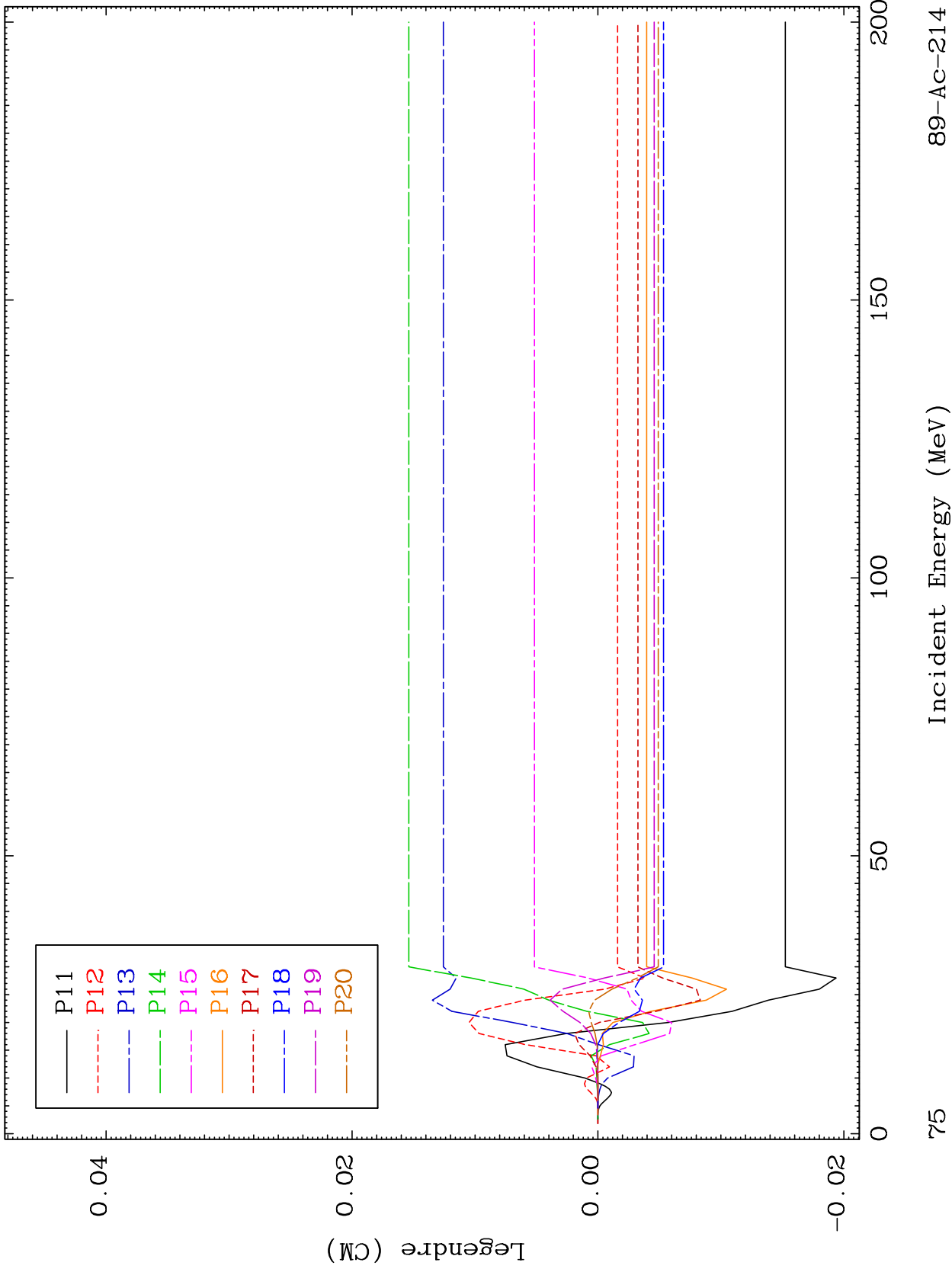
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



75

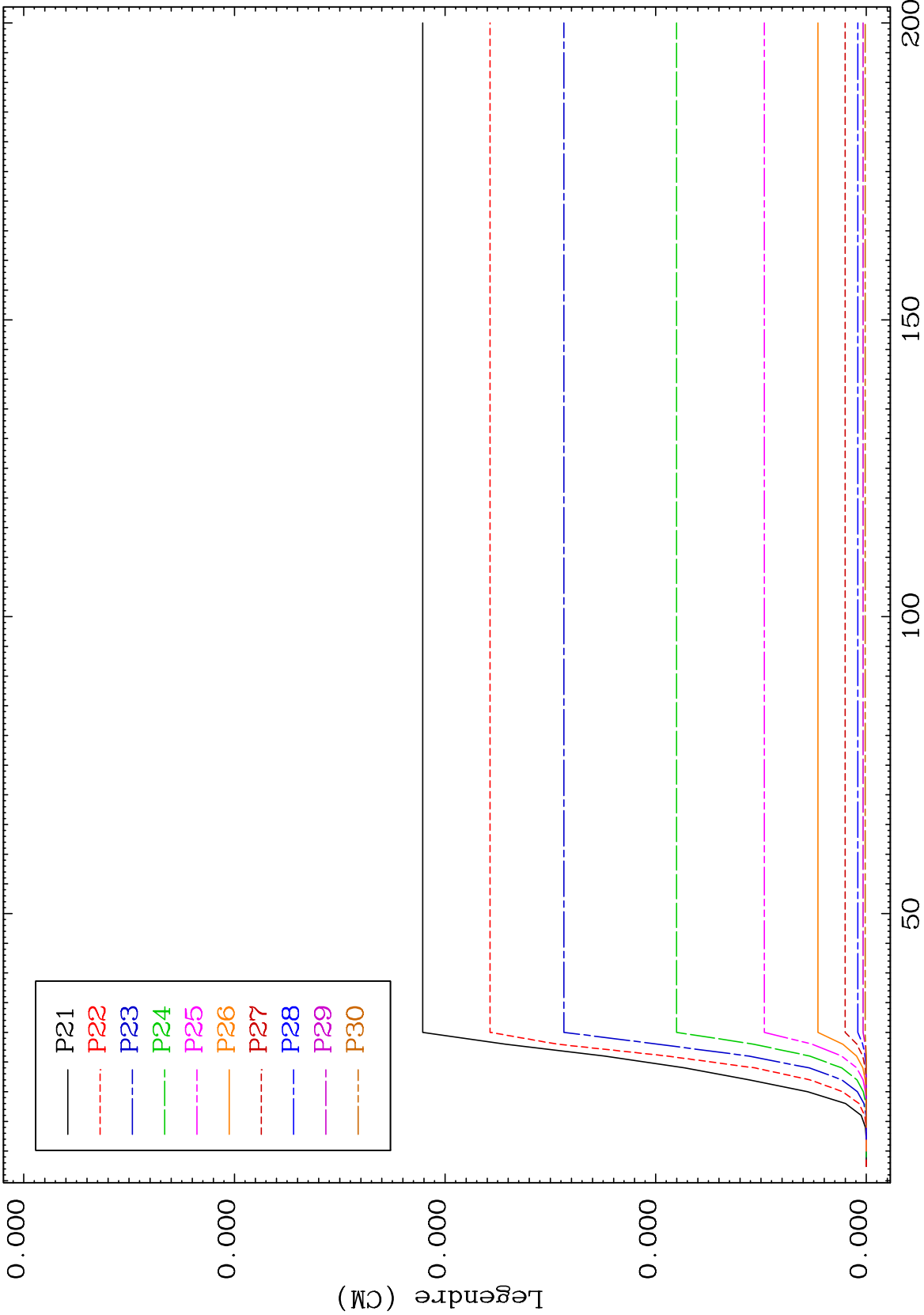
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



76

89-Ac-214

MAT 8892

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

89-Ac-214

$\times 10^{-6}$
2.0

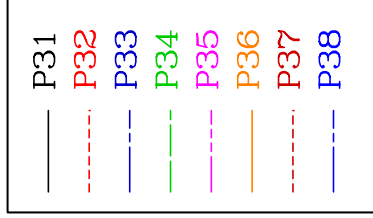
1.5

1.0

0.5

0.0

Legendre (CM)



50

100

150

200

77

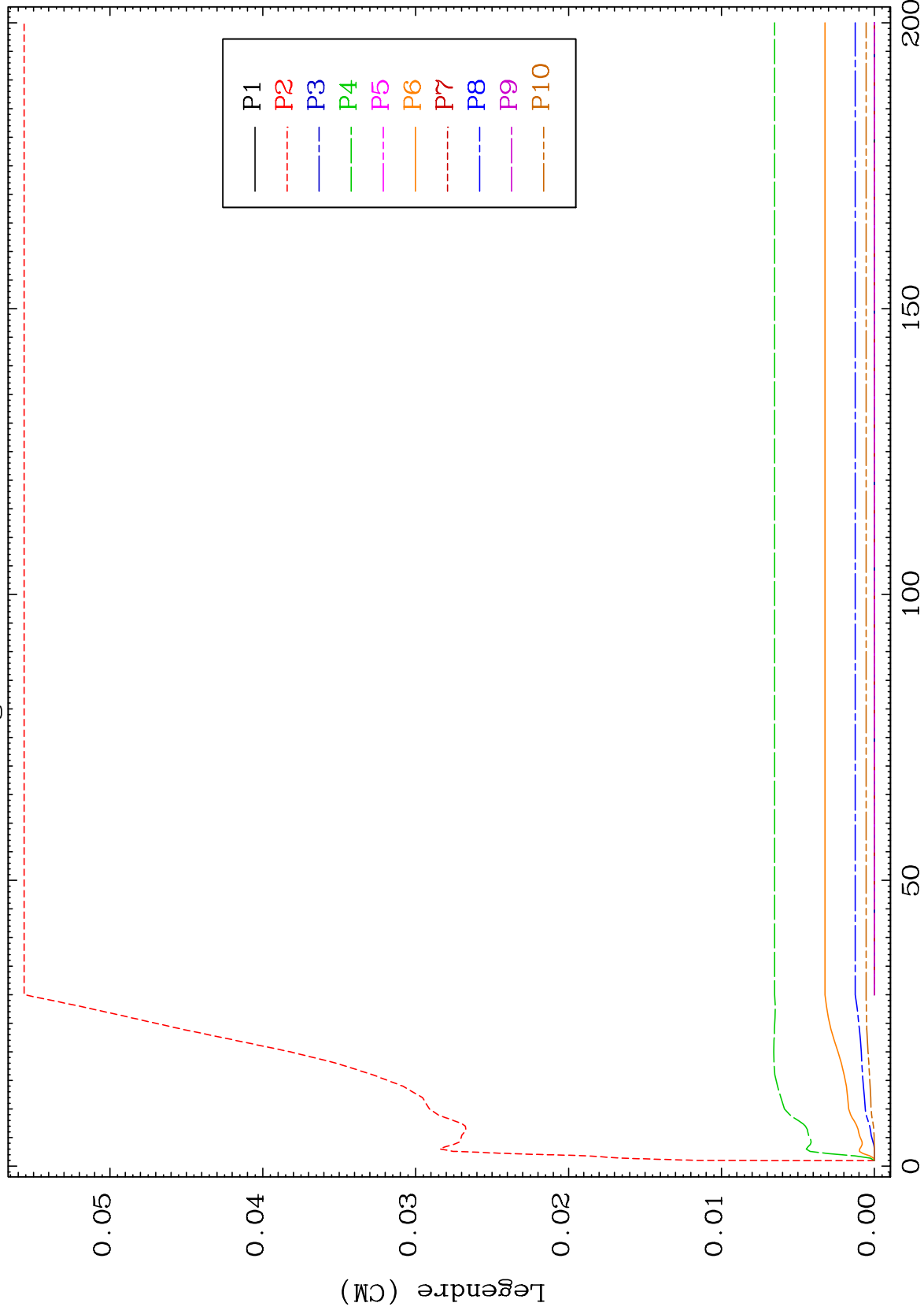
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



78

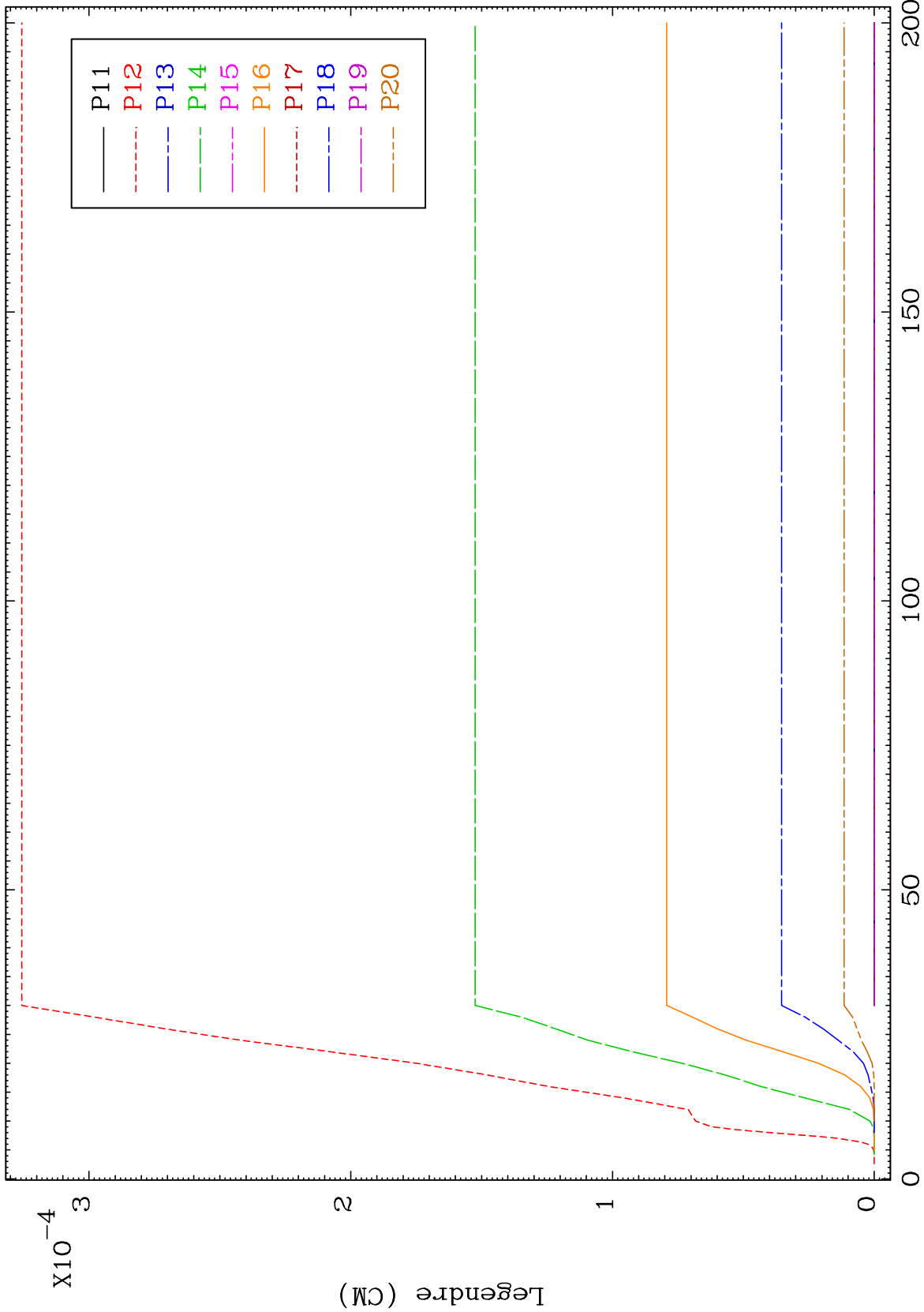
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



79

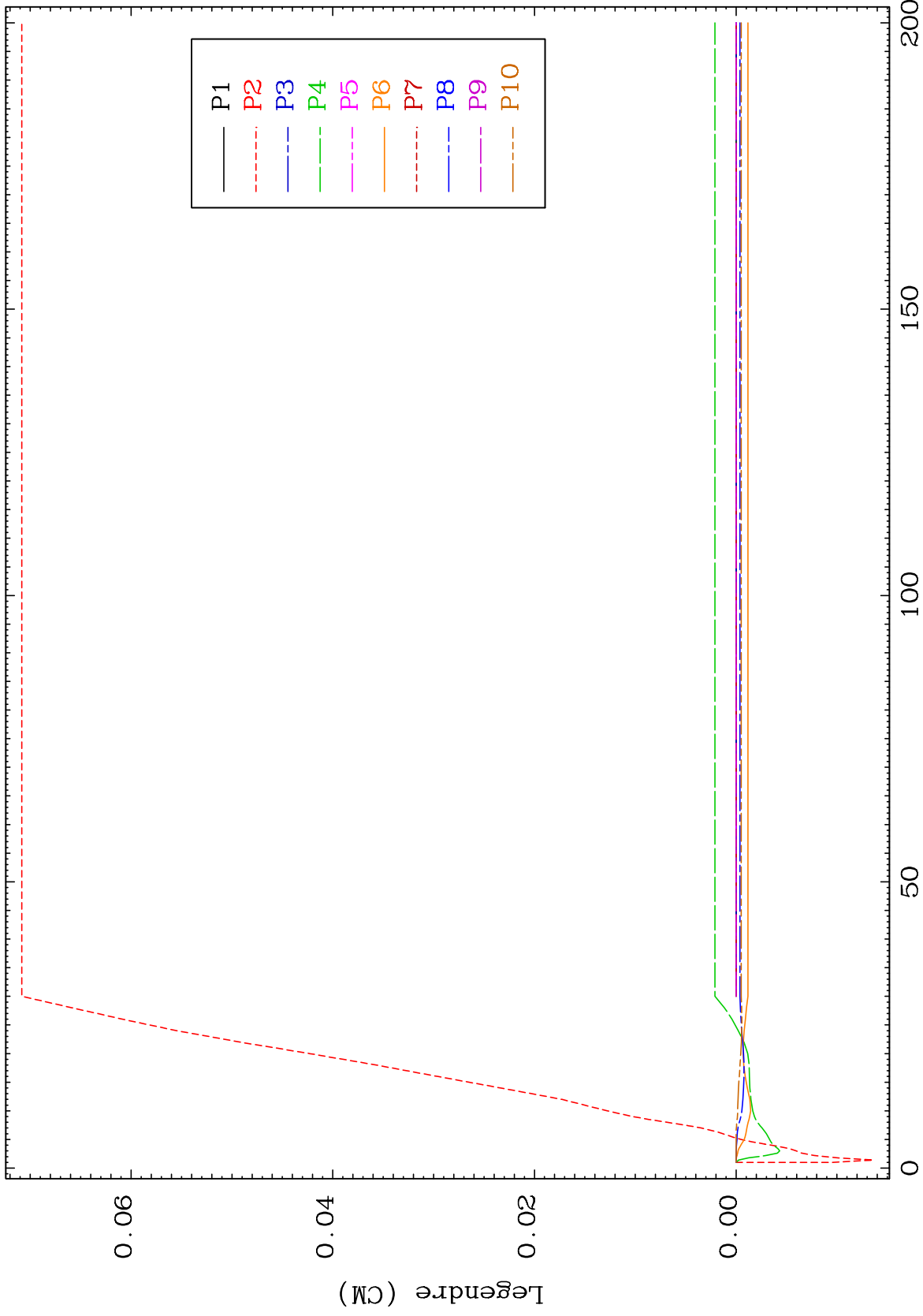
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



81

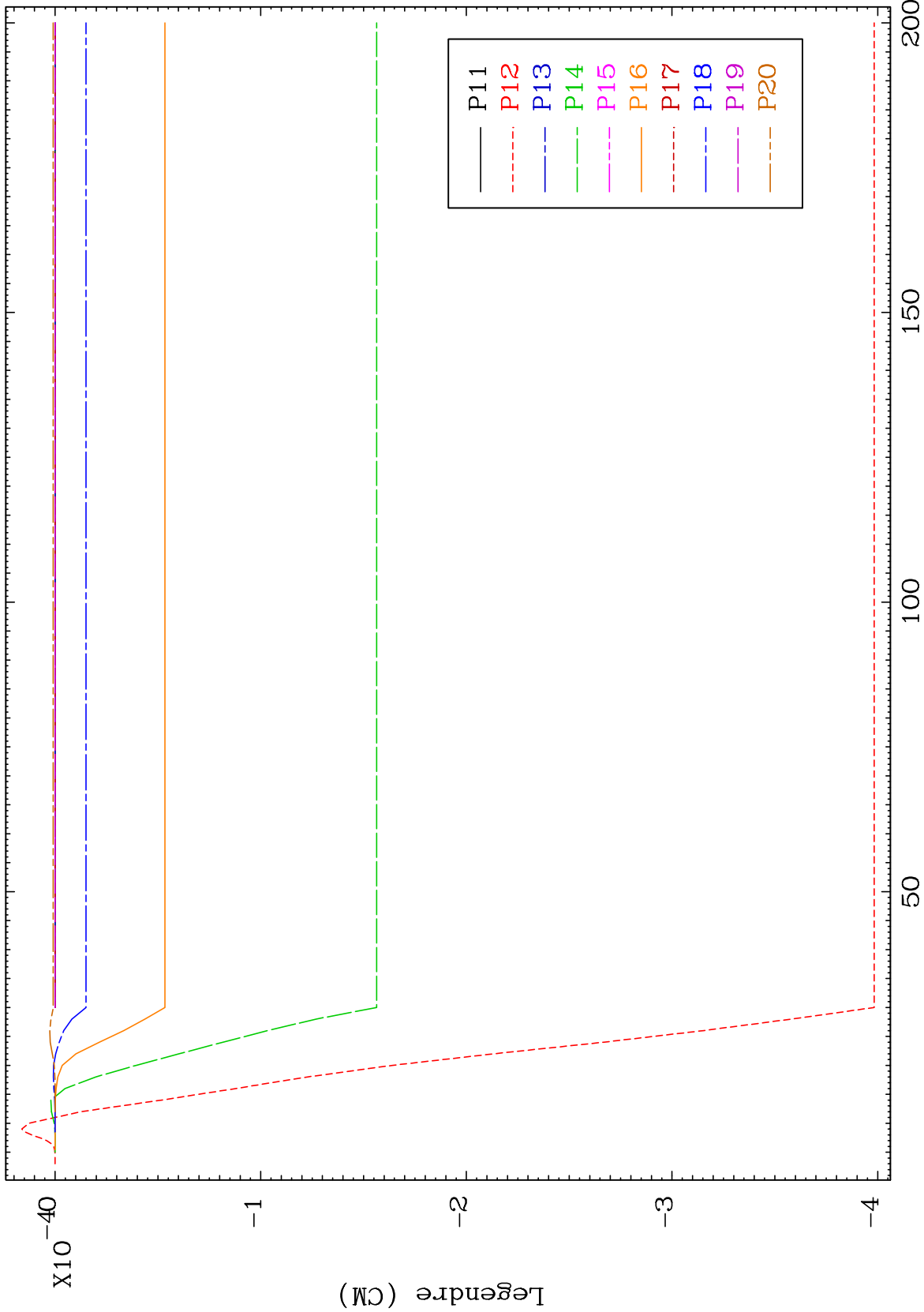
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



82

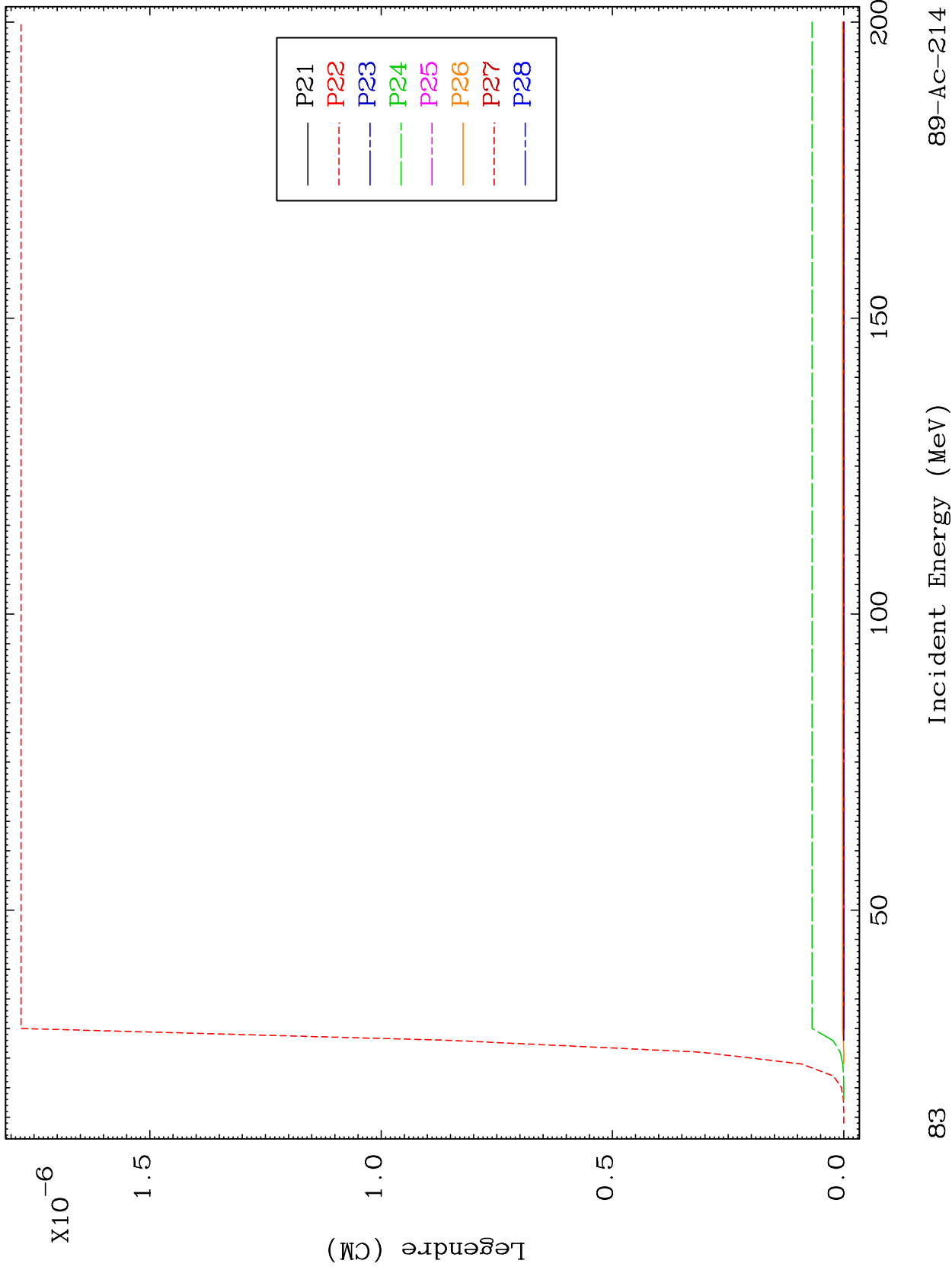
Incident Energy (MeV)

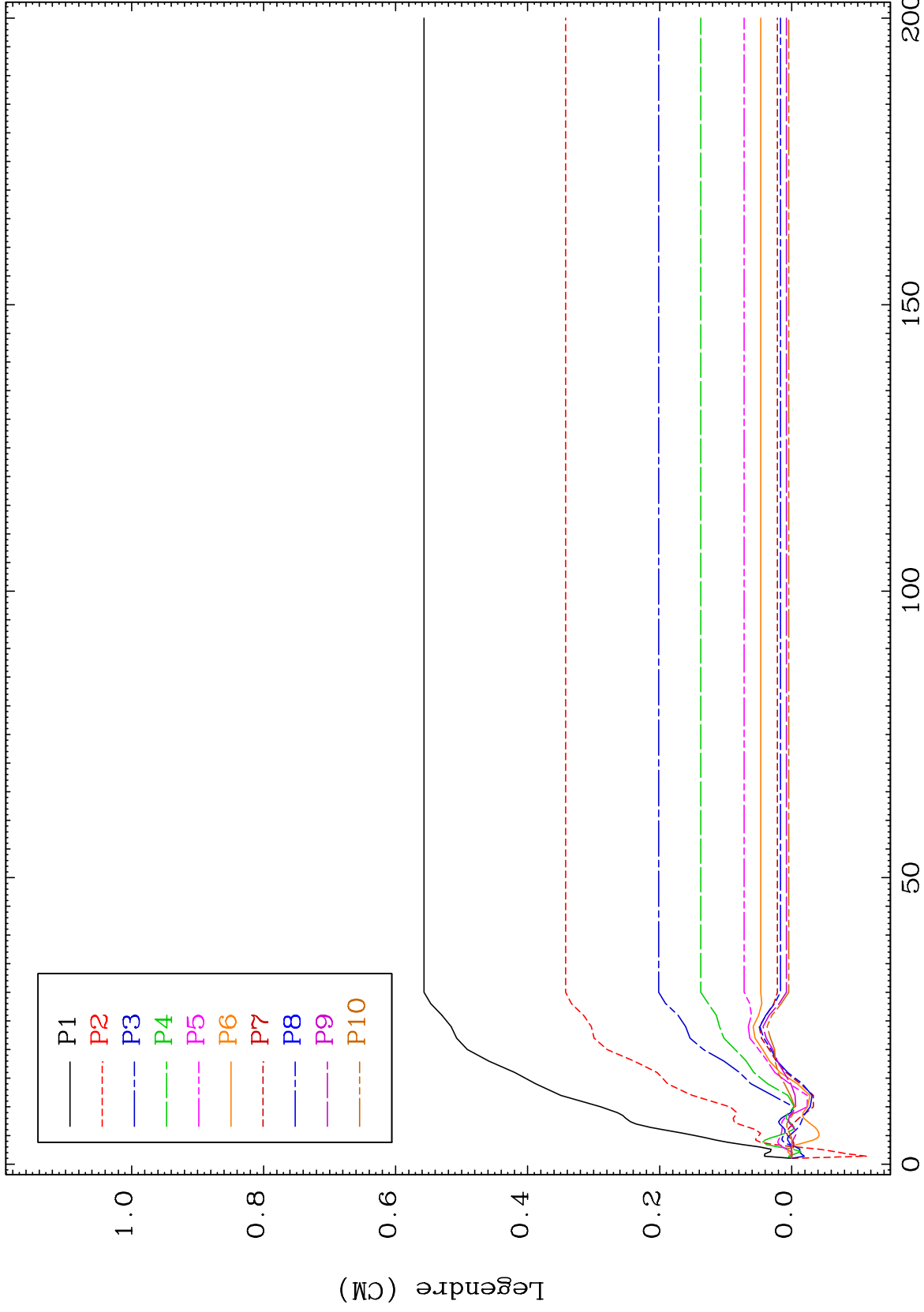
89-Ac-214

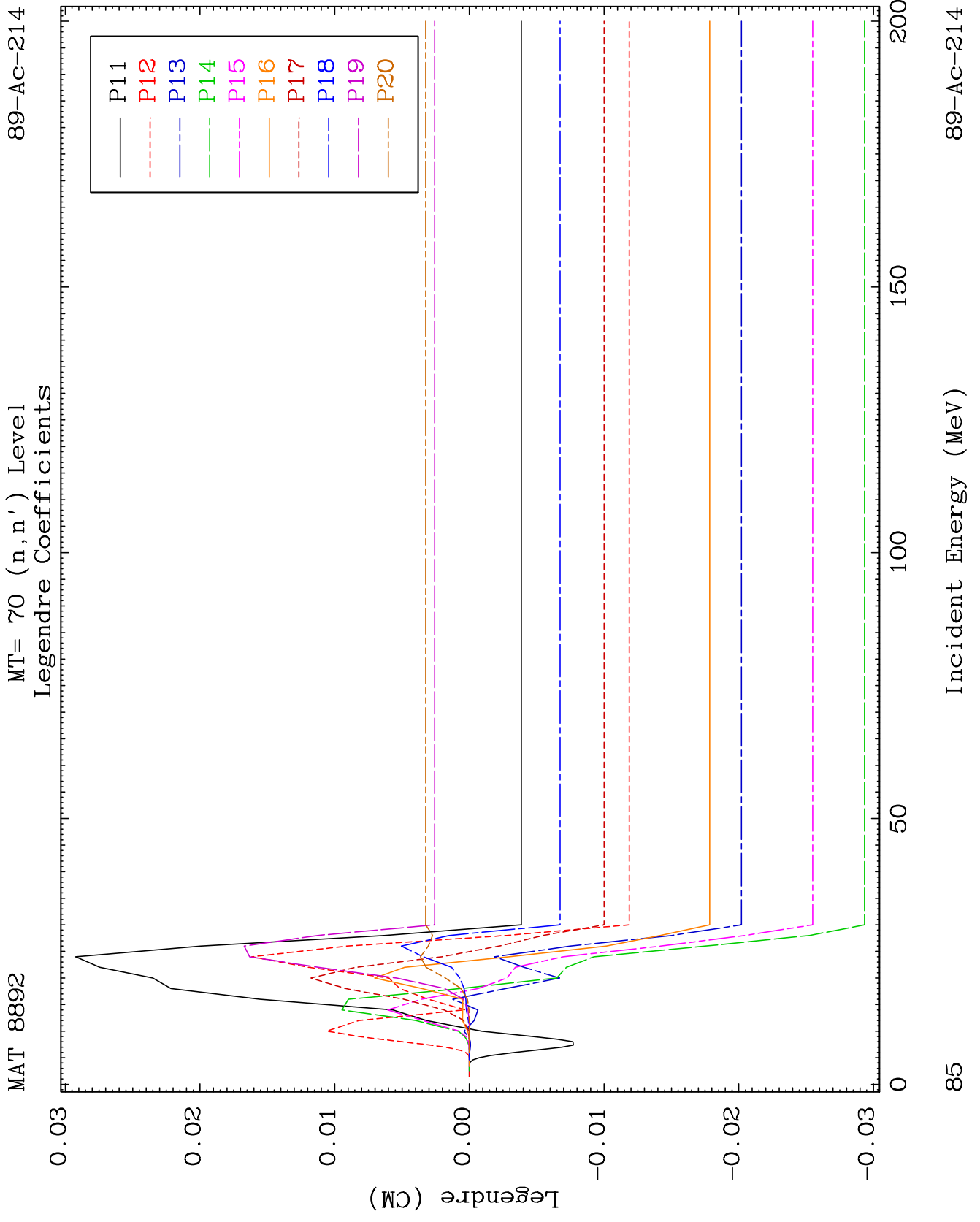
MAT 8892

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

89-Ac-214



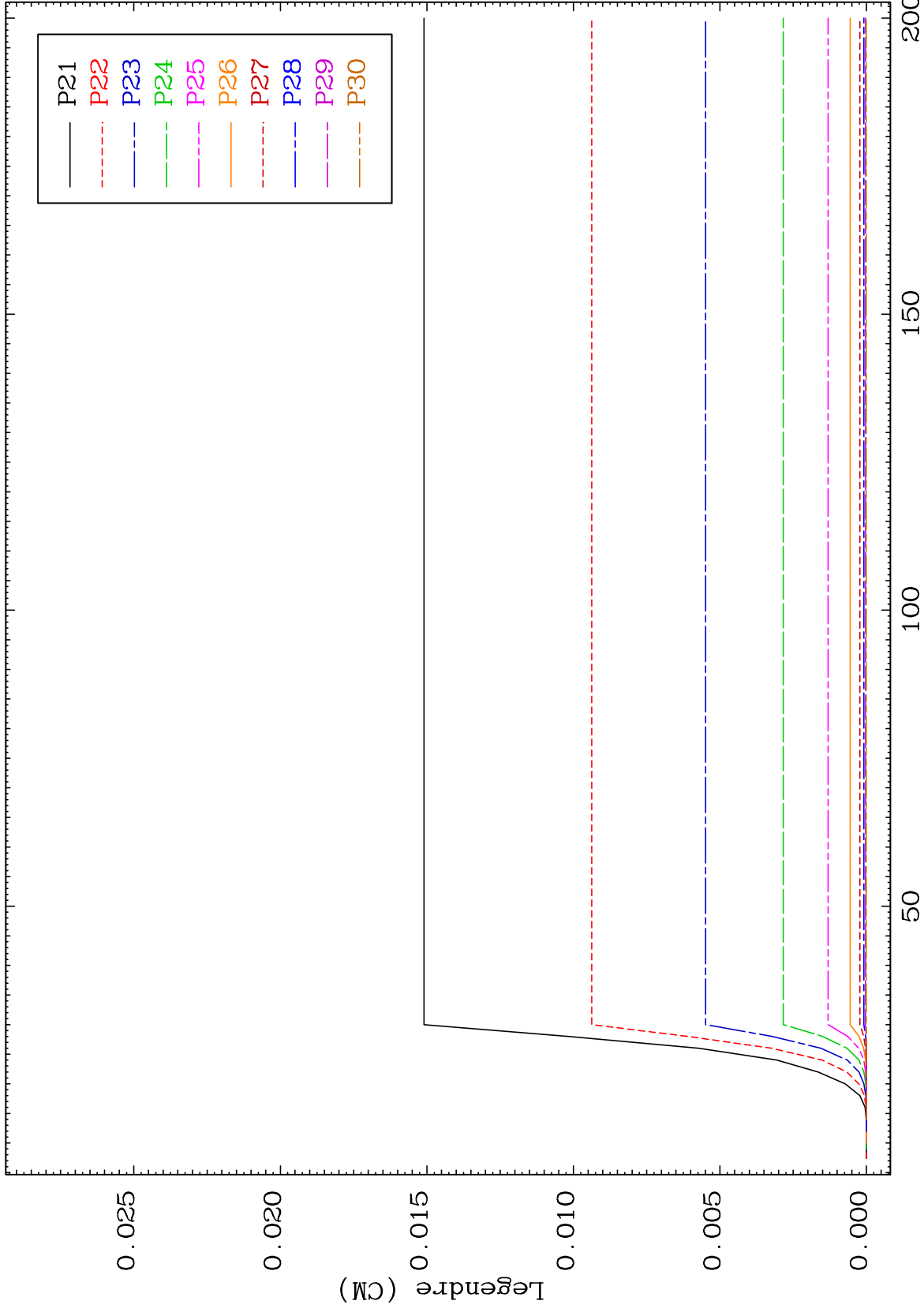




MAT 8892

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

89-Ac-214



86

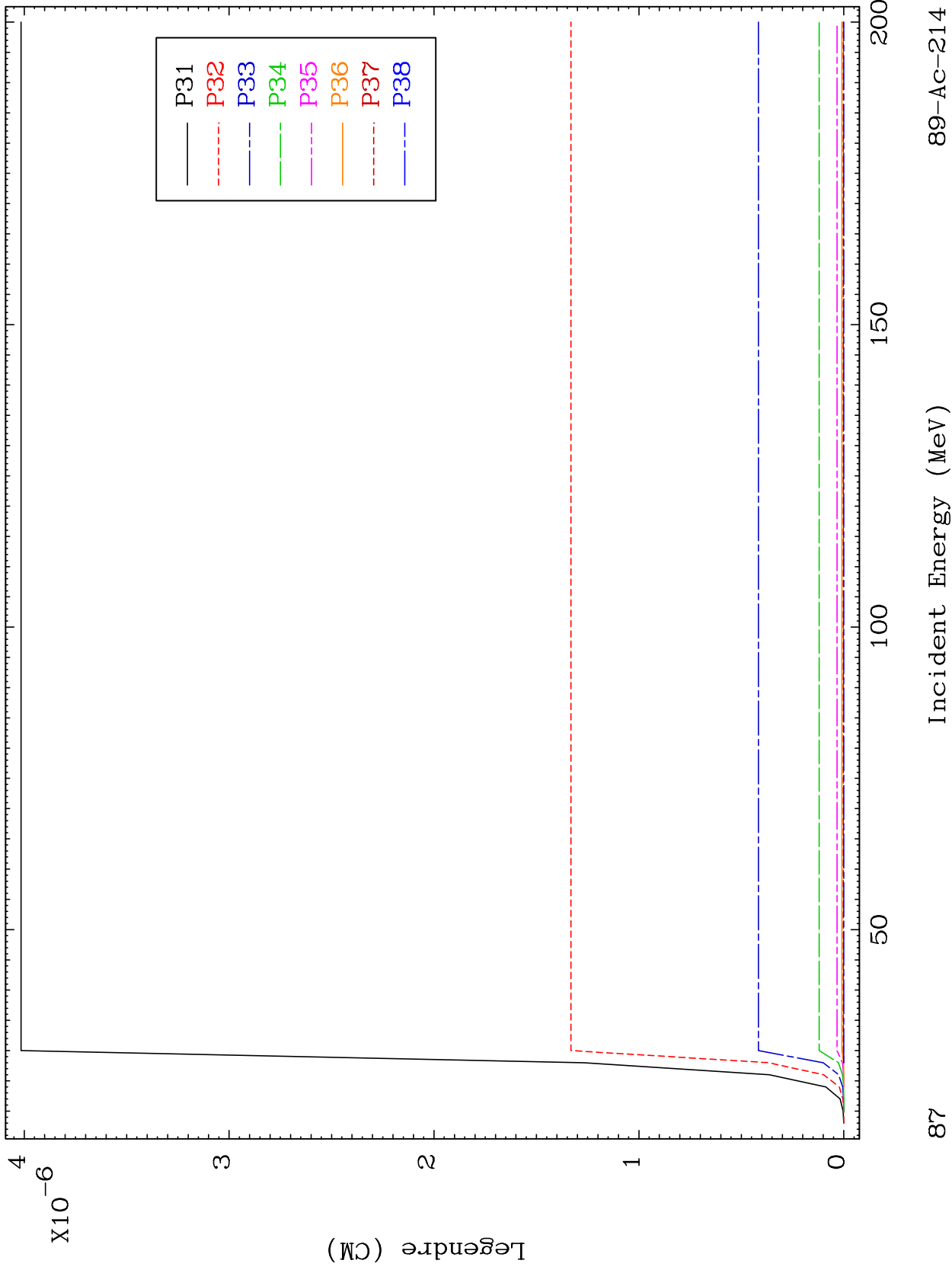
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



87

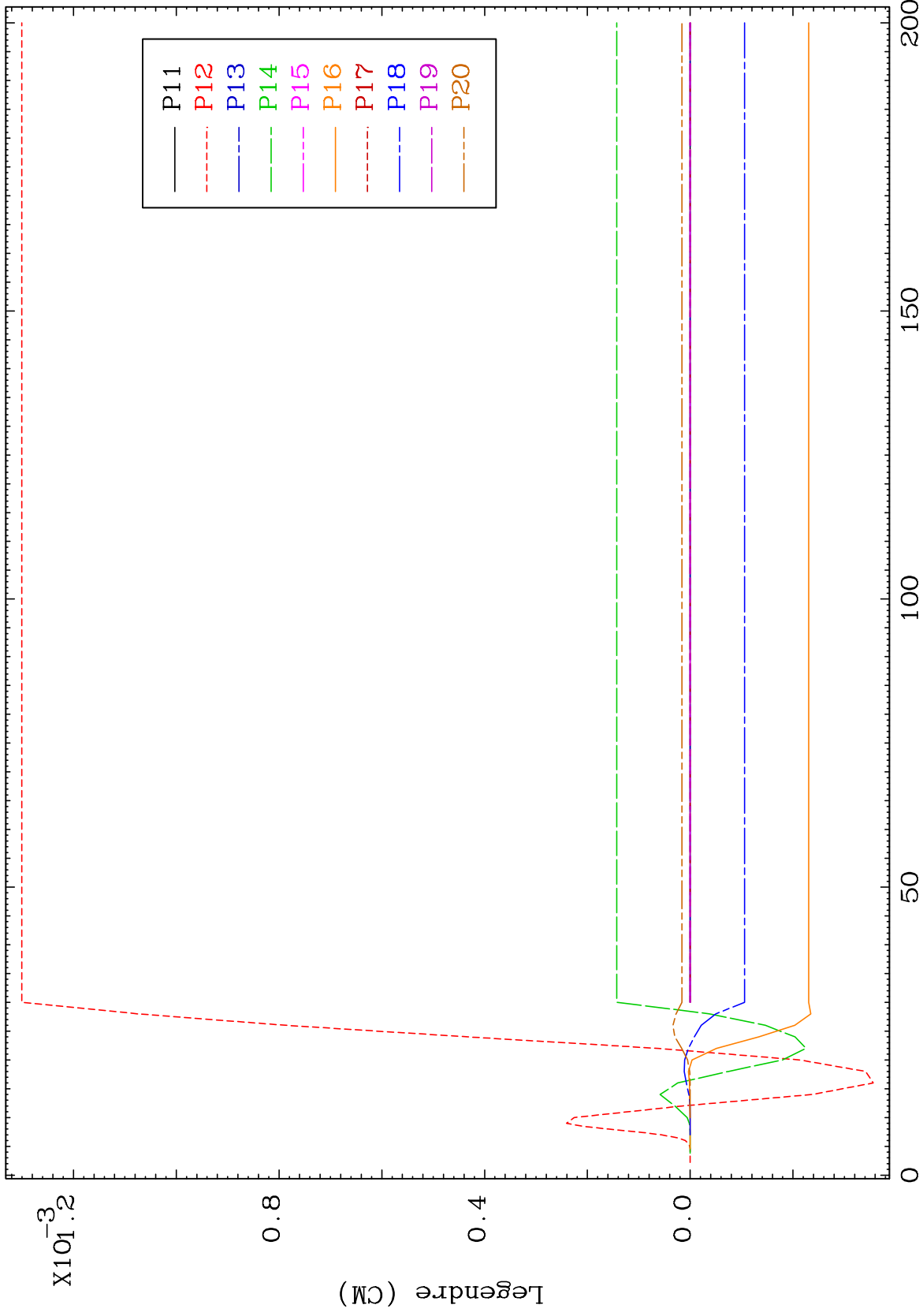
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

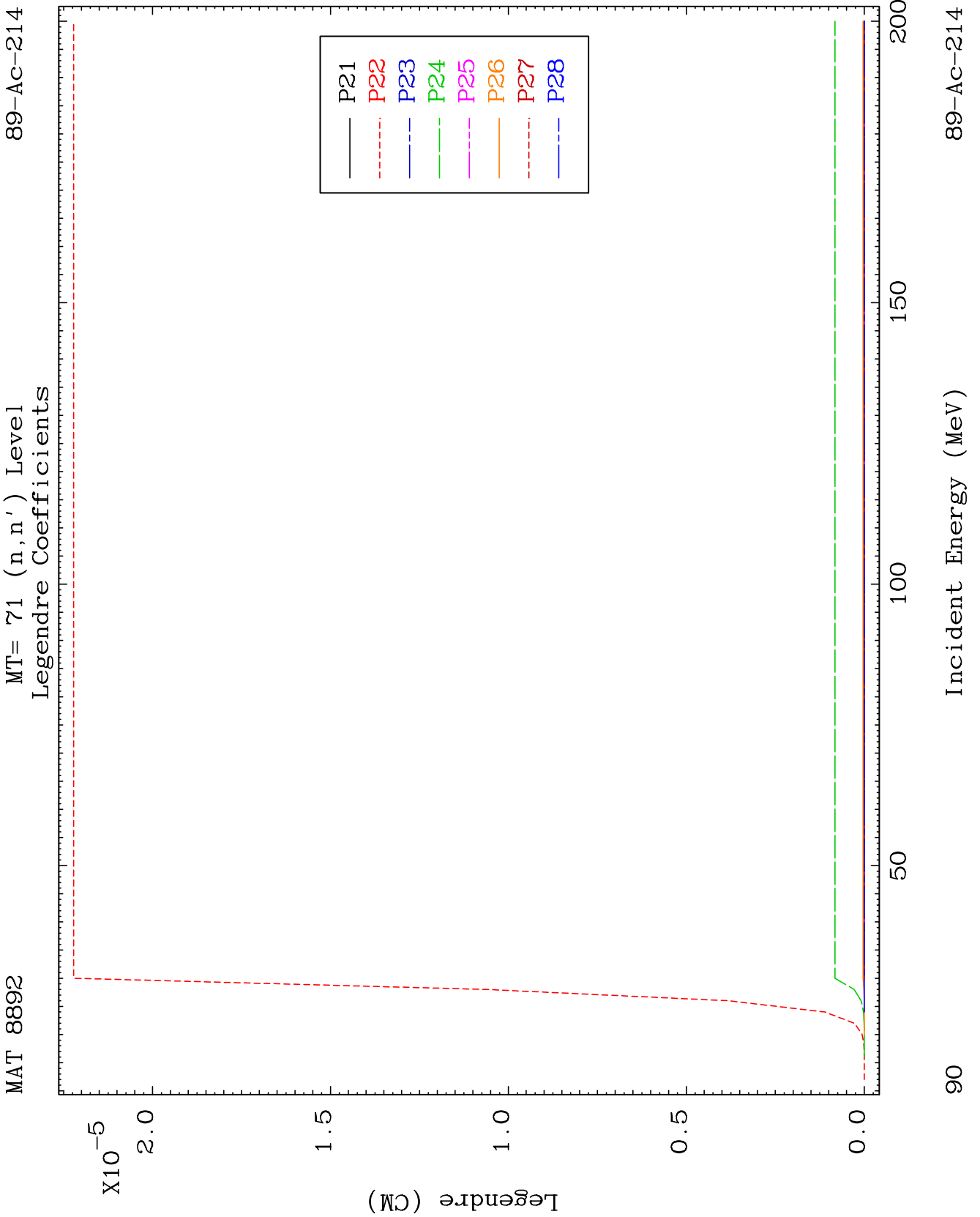
89-Ac-214



89

Incident Energy (MeV)

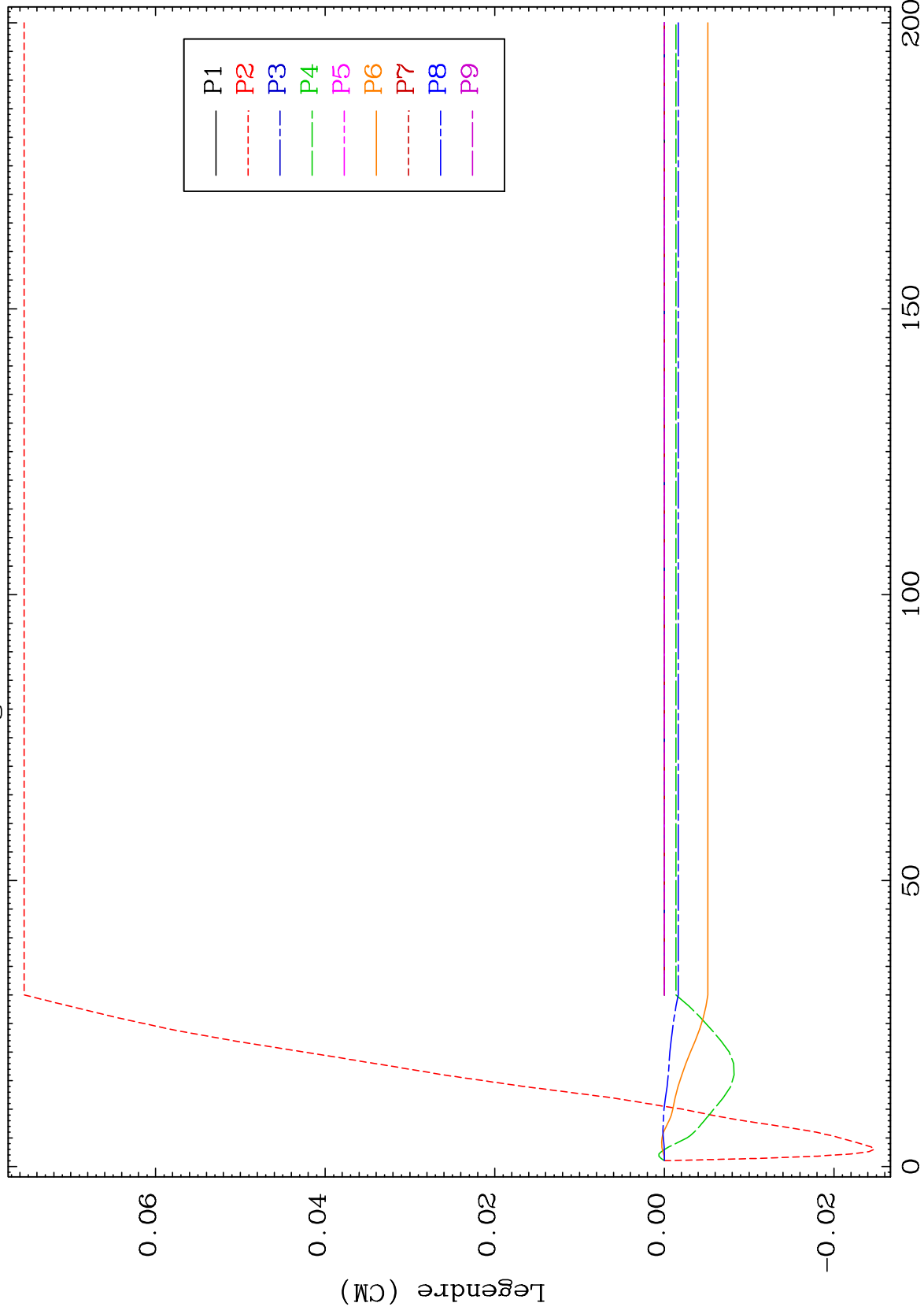
89-Ac-214



MAT 8892

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

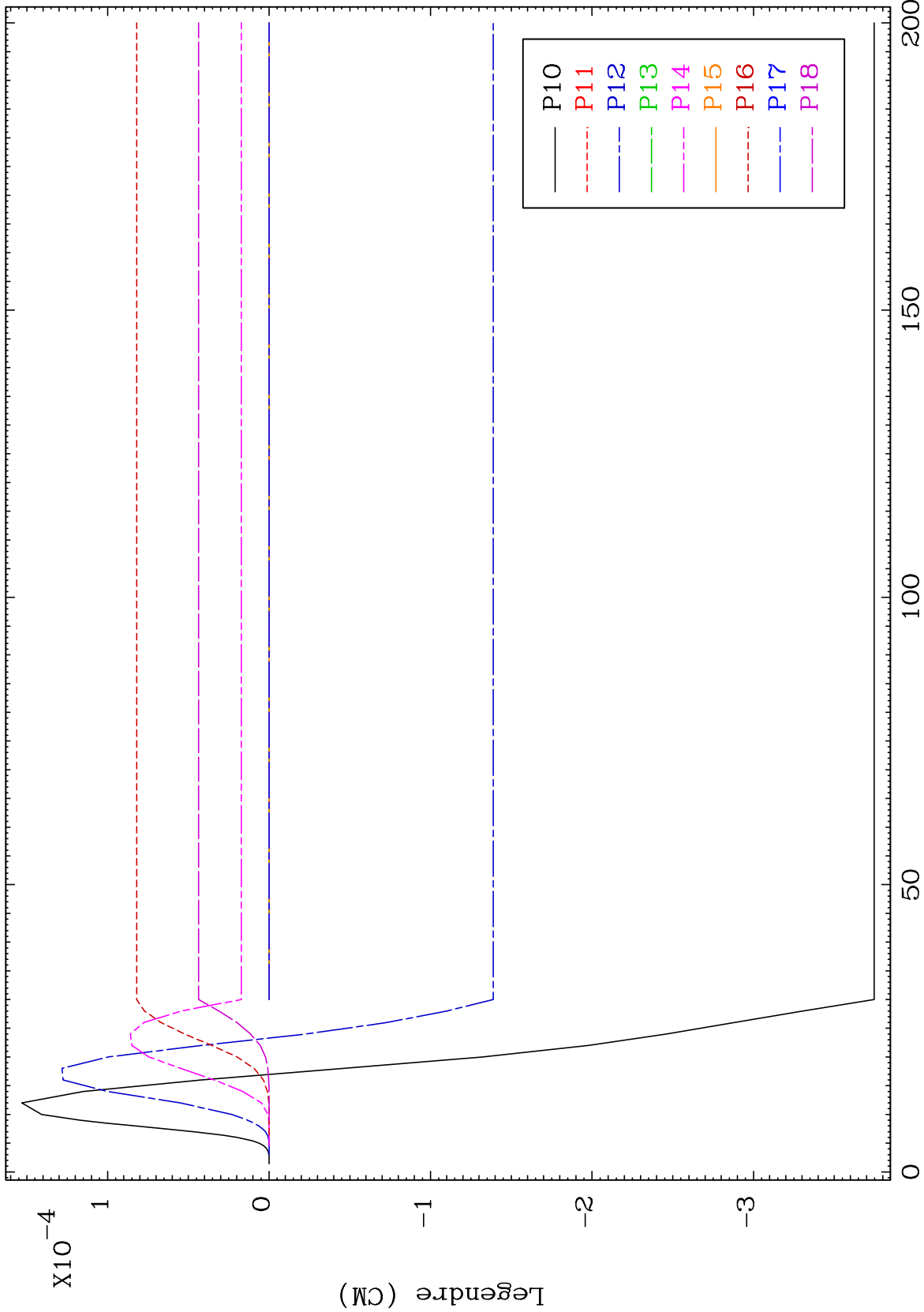
89-Ac-214



91

Incident Energy (MeV)

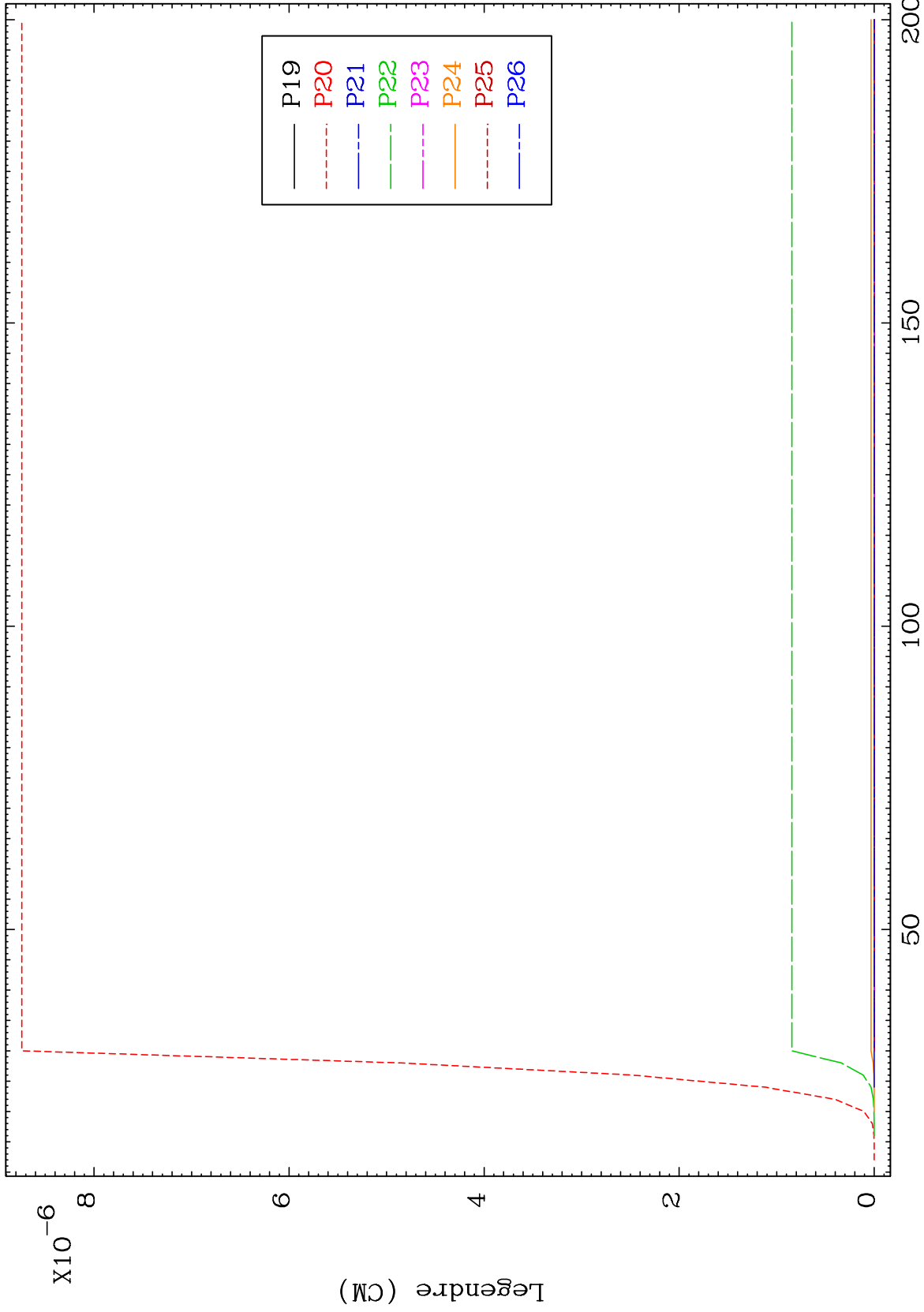
89-Ac-214



MAT 8892

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

89-Ac-214



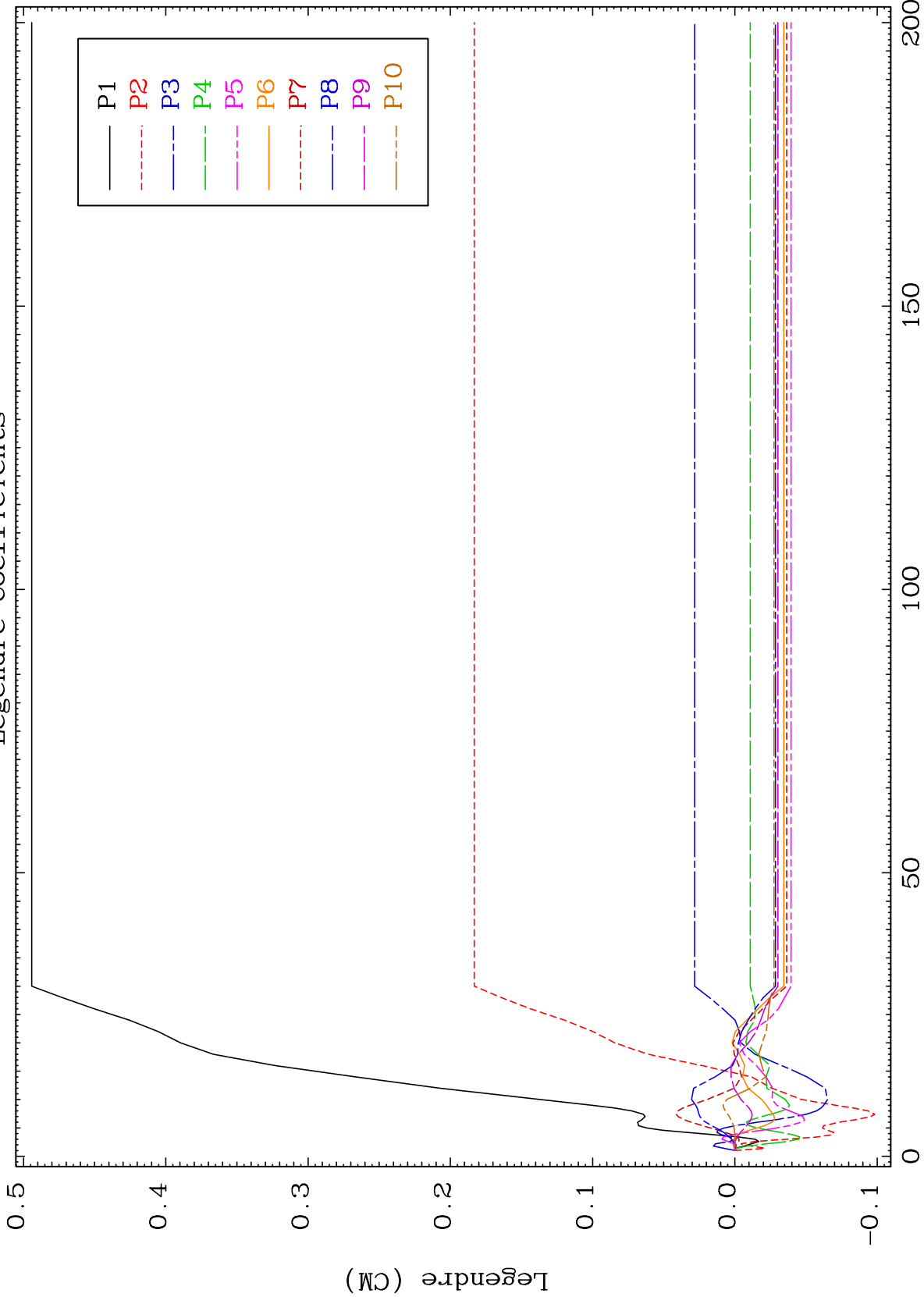
93

89-Ac-214

MAT 8892

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

89-Ac-214



94

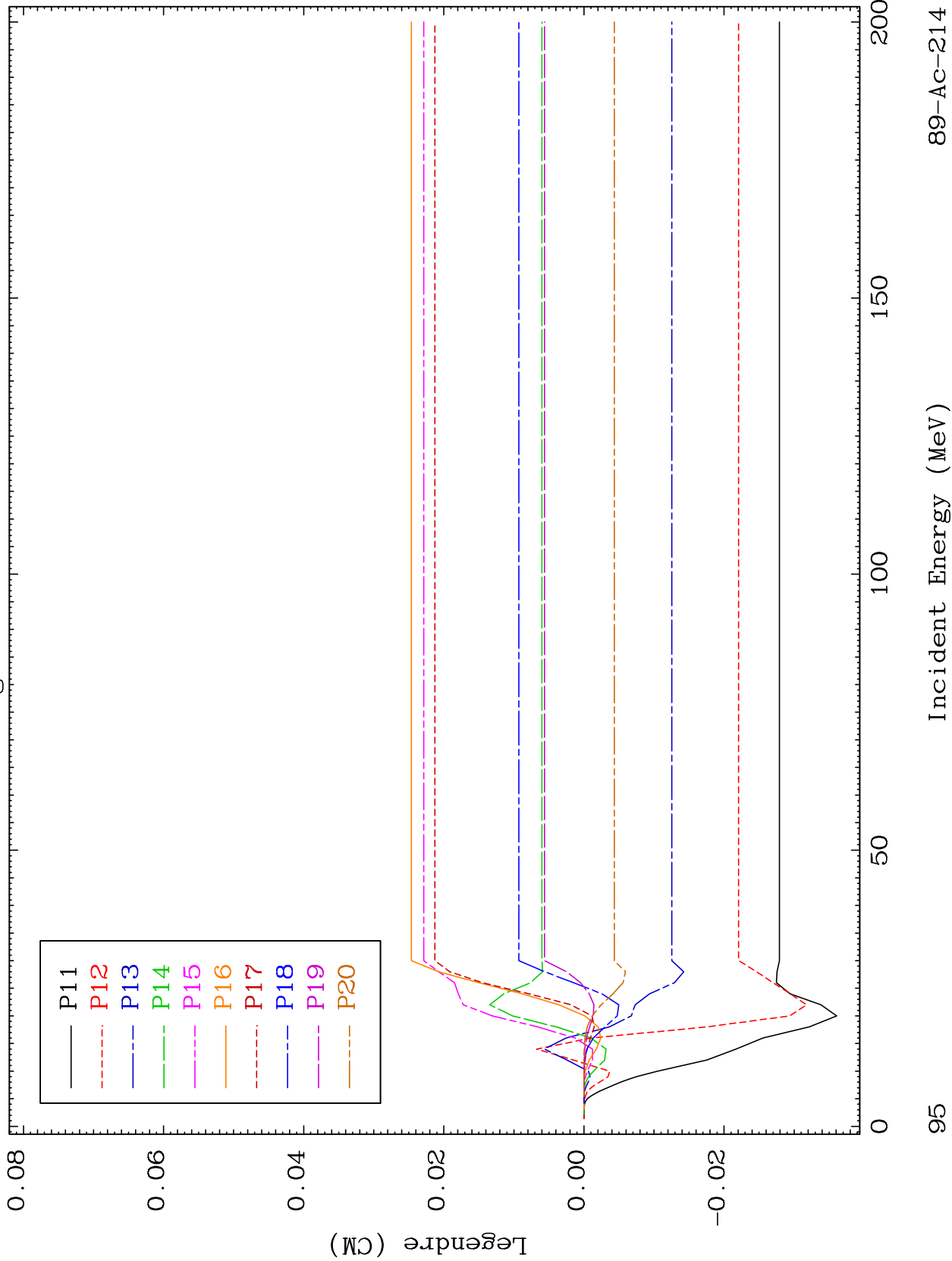
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



89-Ac-214

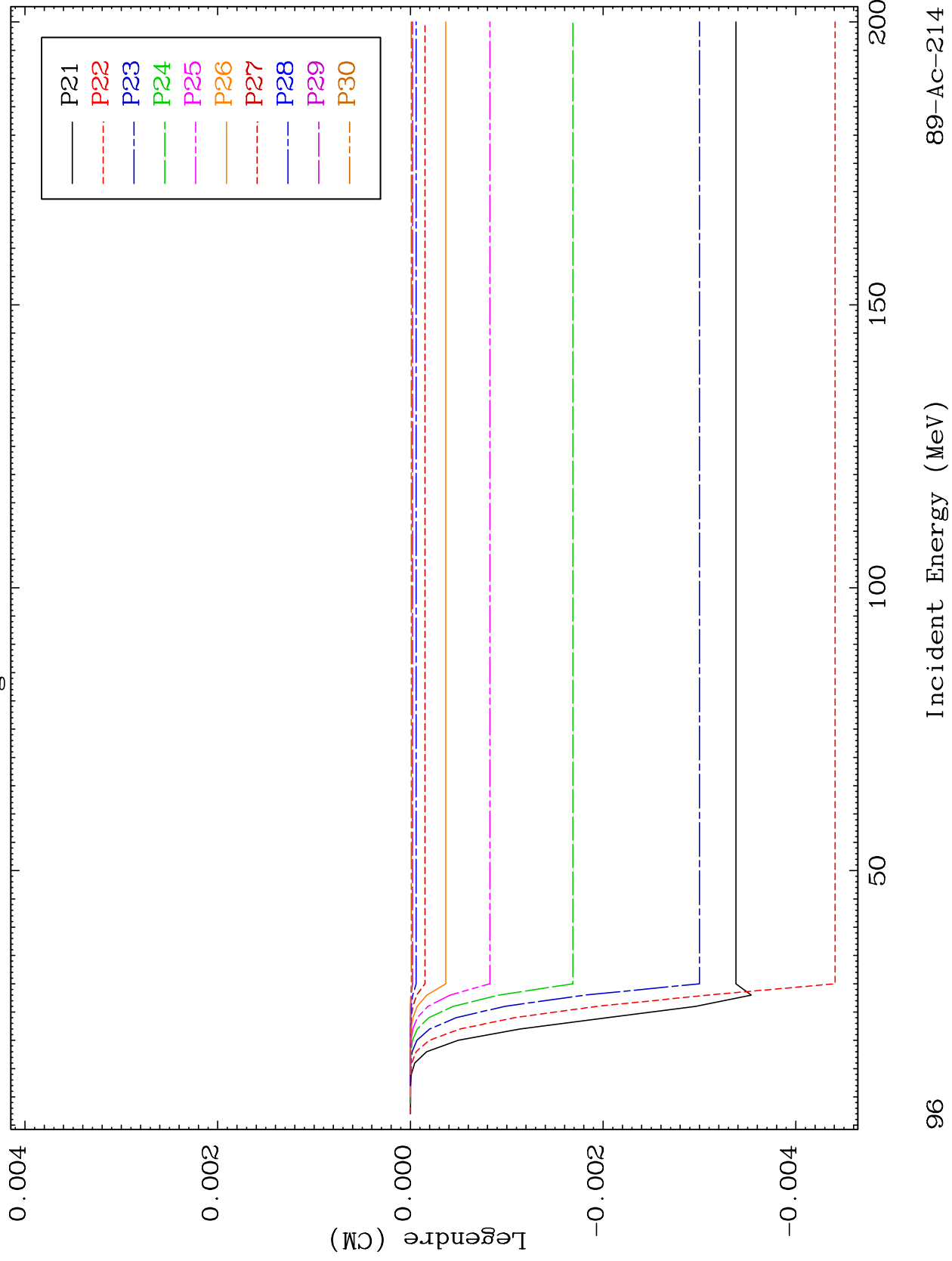
Incident Energy (MeV)

95

MAT 8892

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

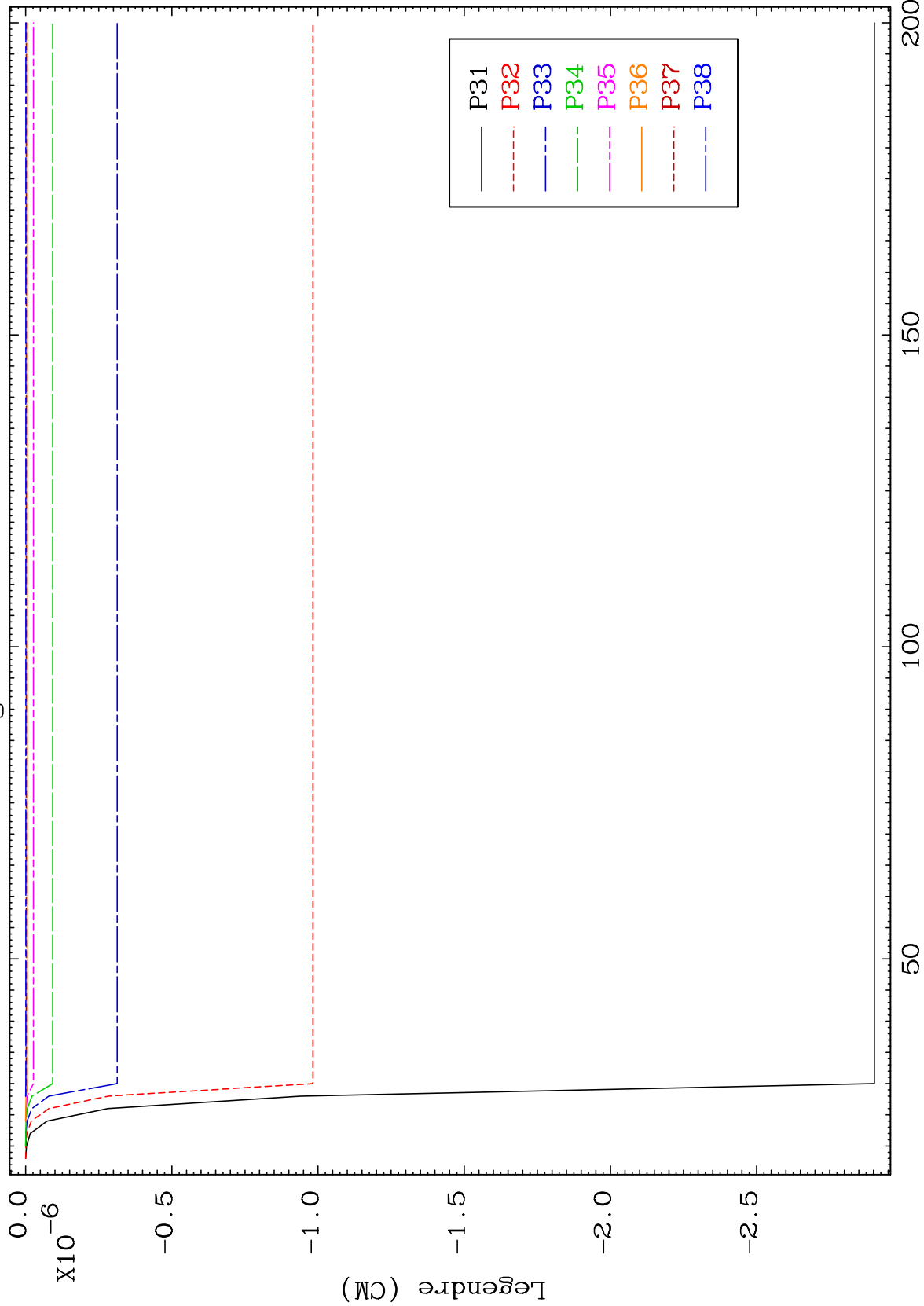
89-Ac-214



MAT 8892

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

89-Ac-214



97

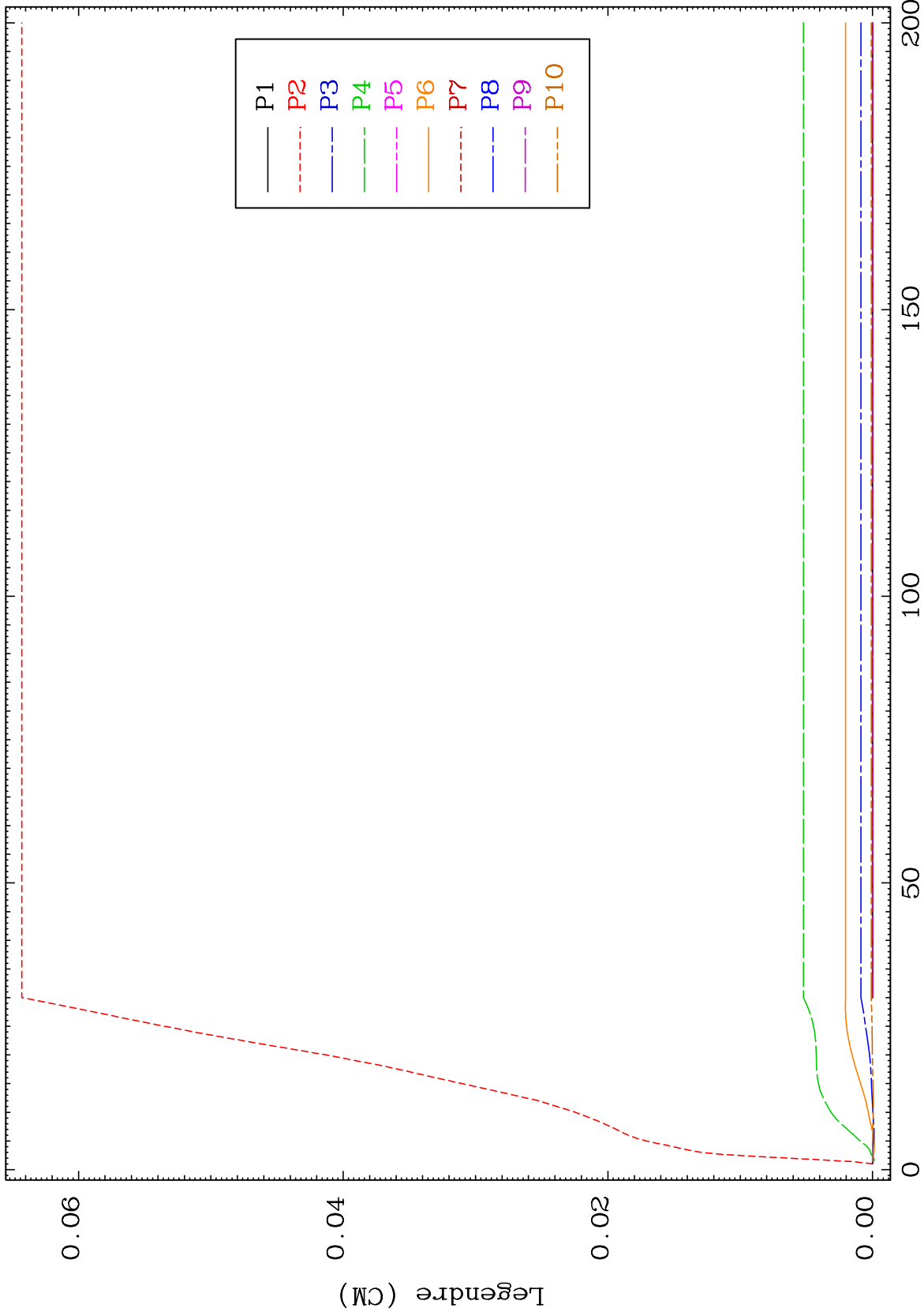
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



98

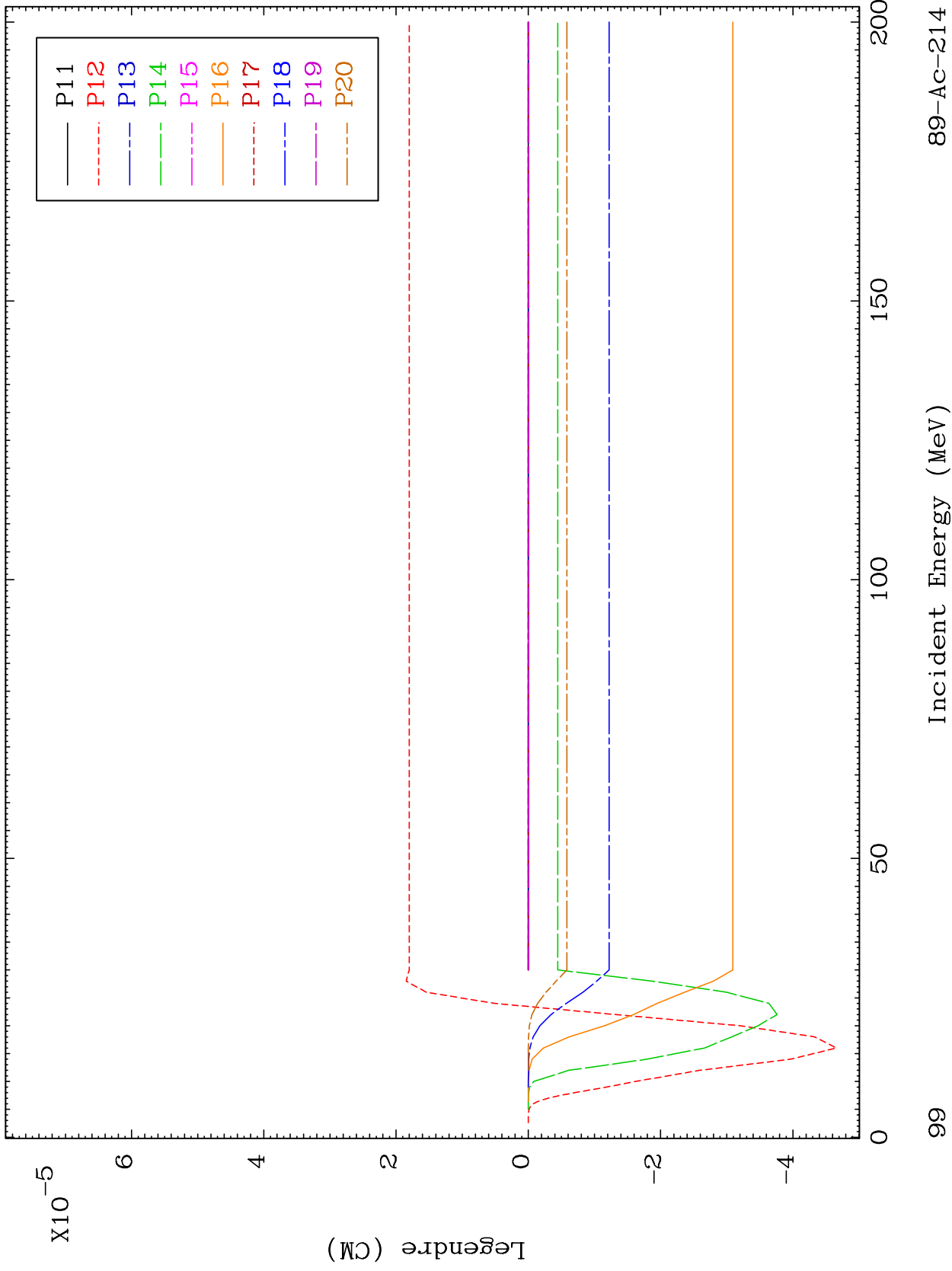
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

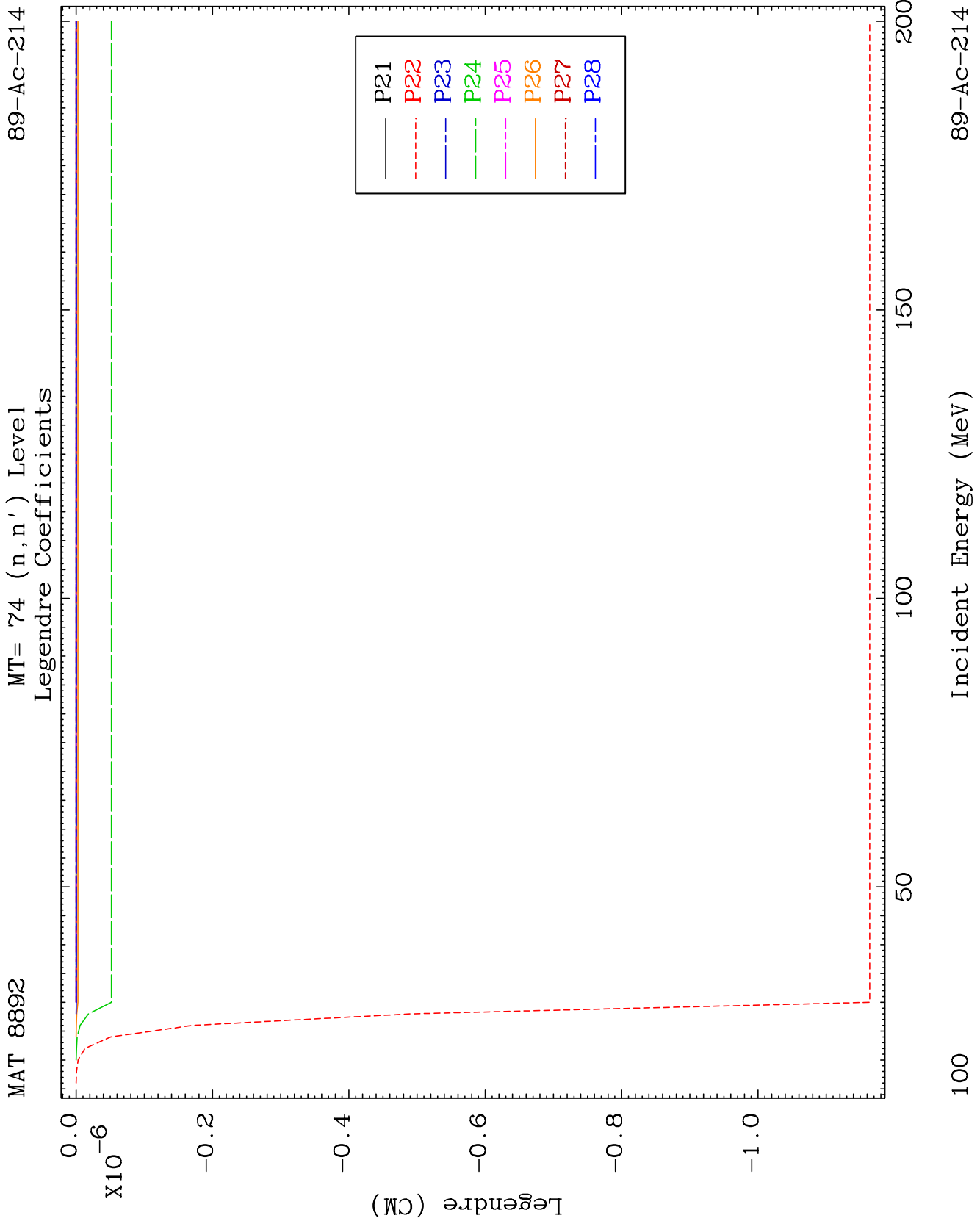
89-Ac-214



99

Incident Energy (MeV)

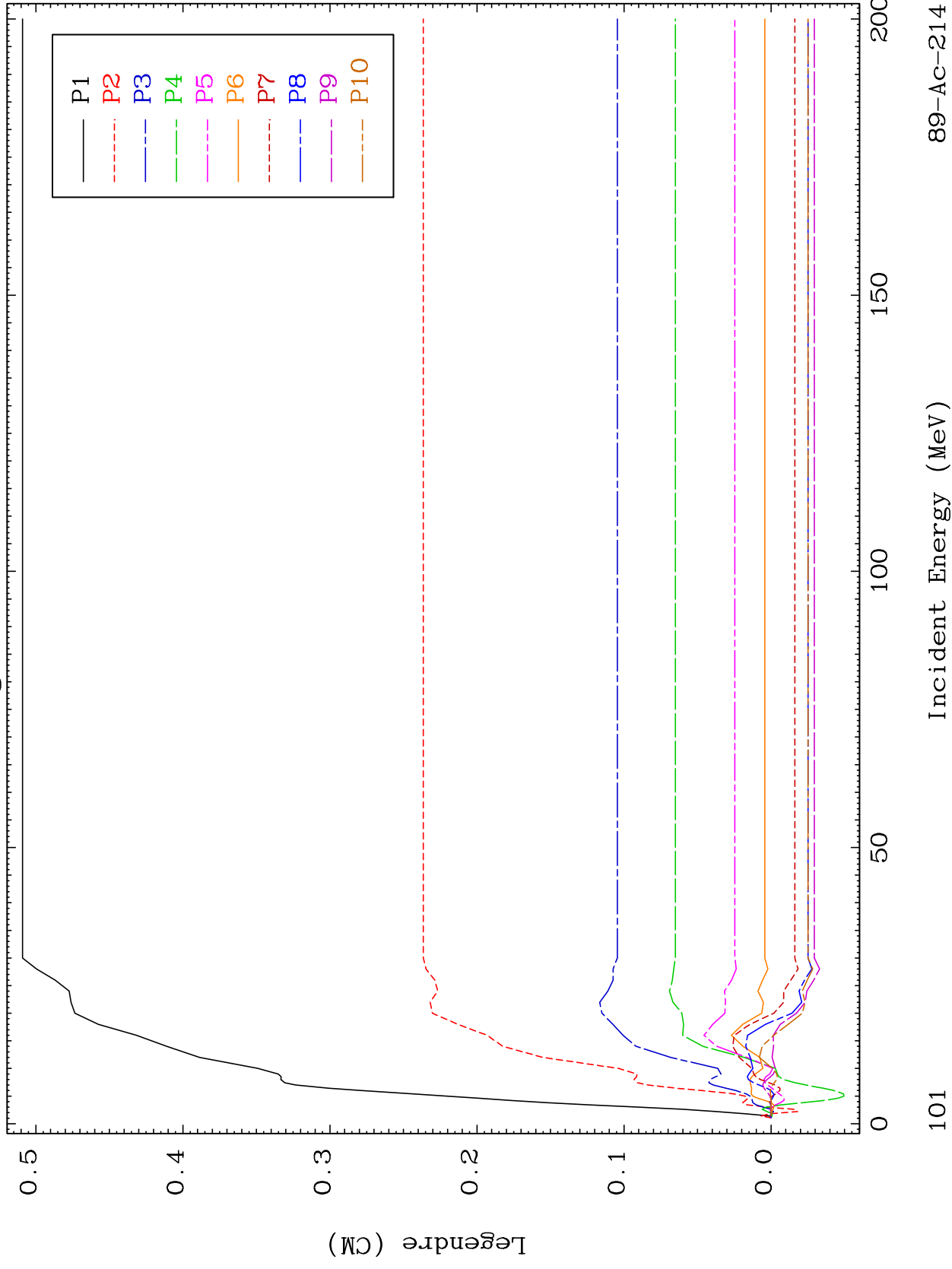
89-Ac-214



MAT 8892

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

89-Ac-214



89-Ac-214

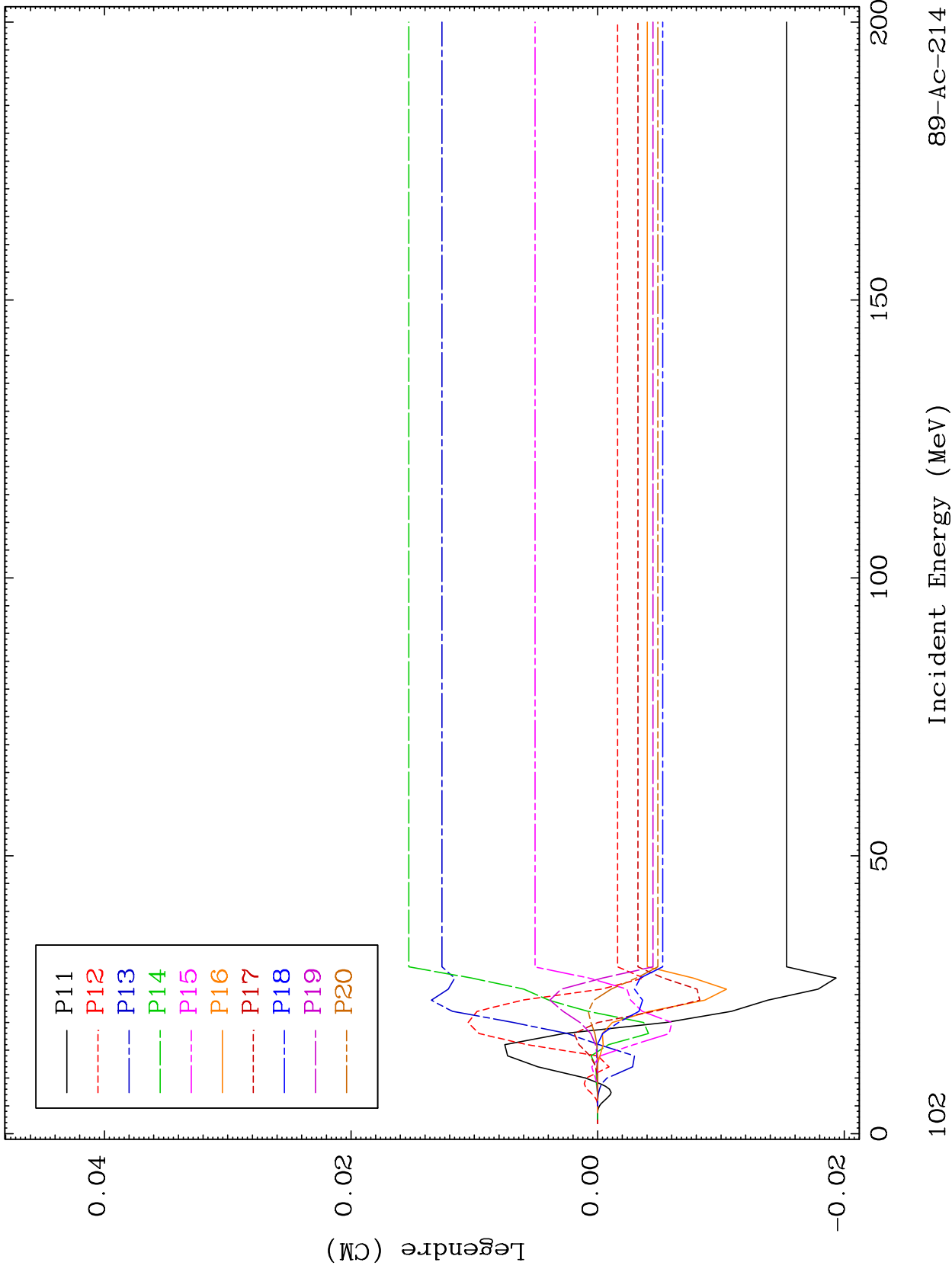
Incident Energy (MeV)

101

MAT 8892

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

89-Ac-214



89-Ac-214

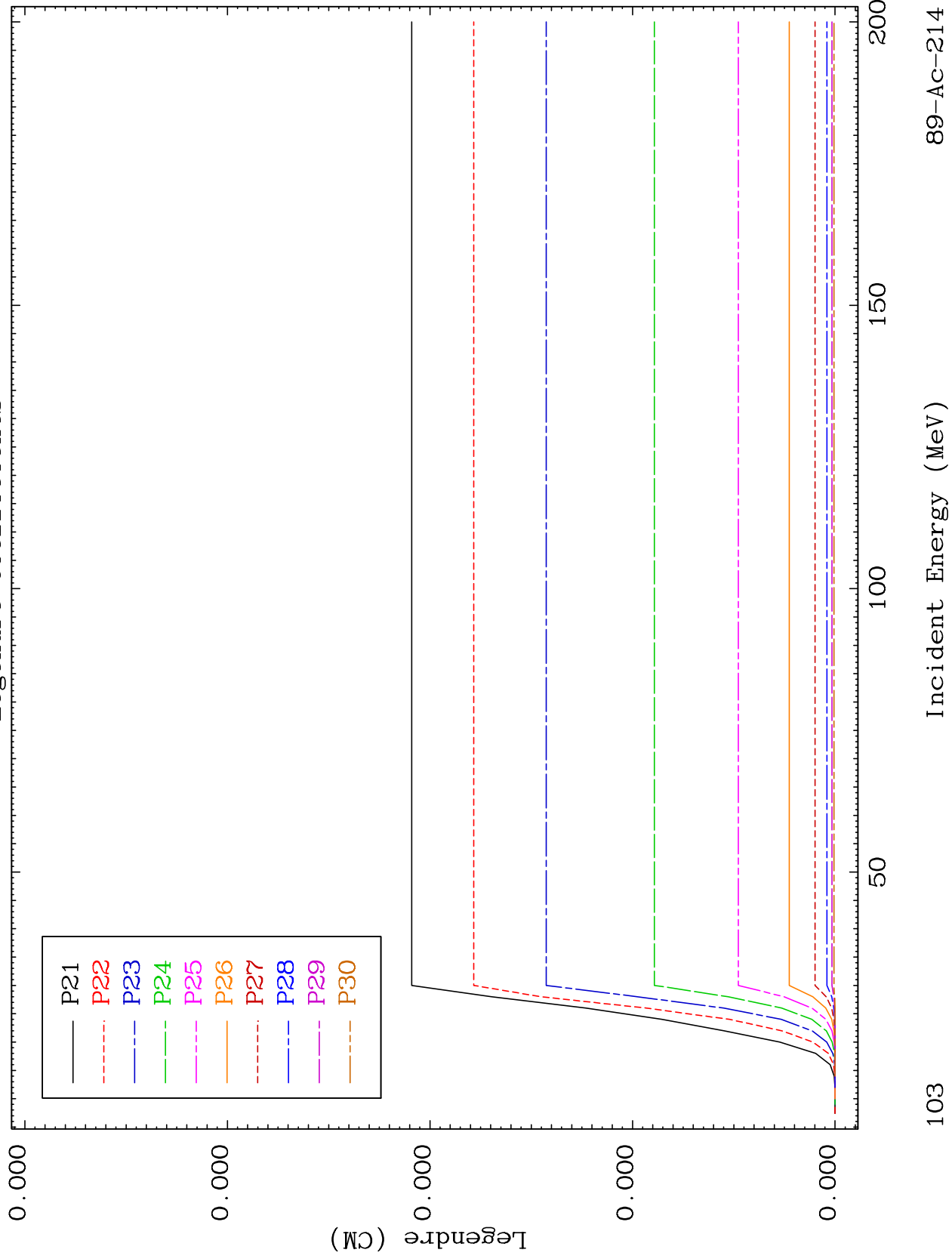
Incident Energy (MeV)

102

MAT 8892

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

89-Ac-214



103

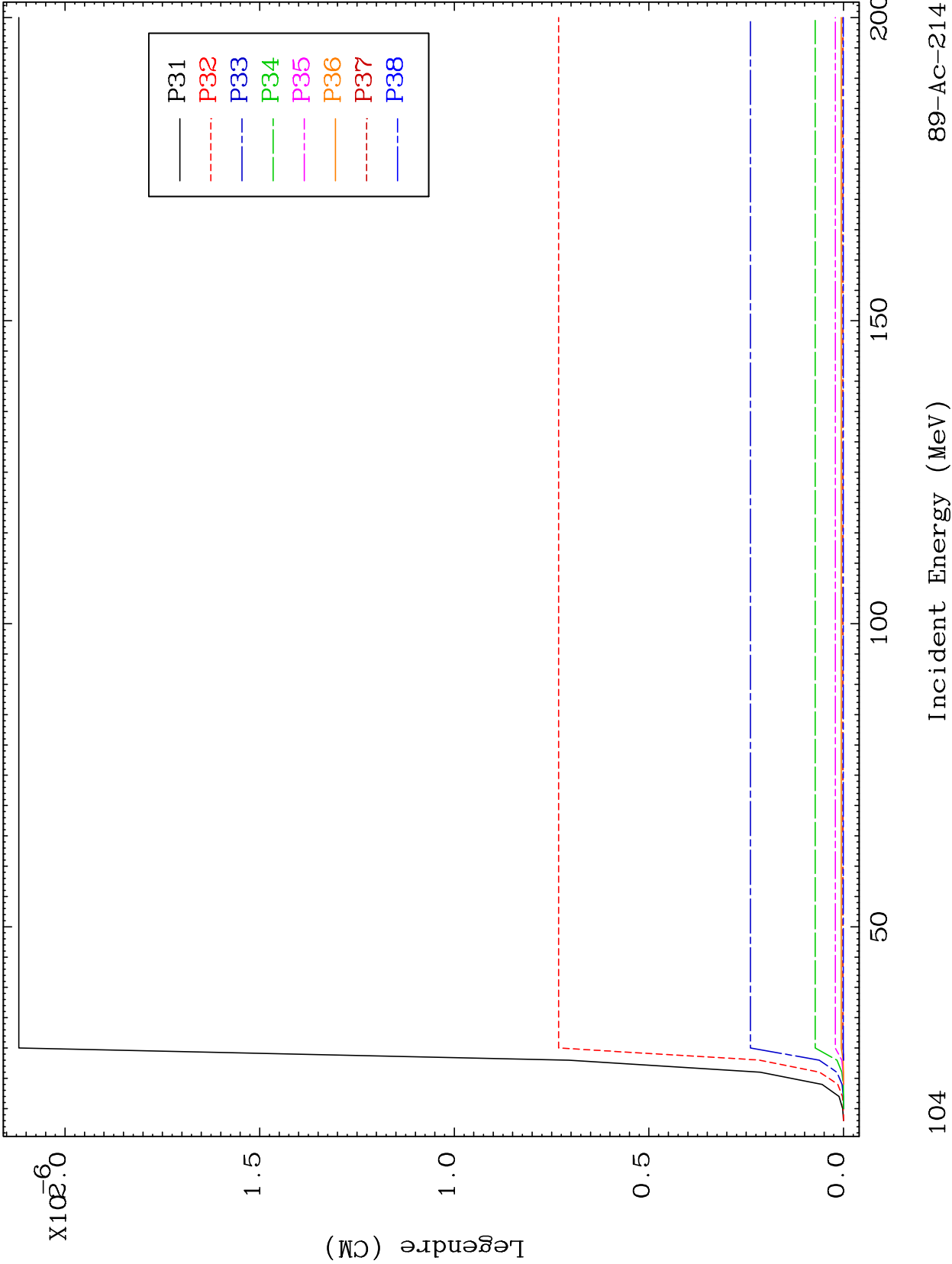
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

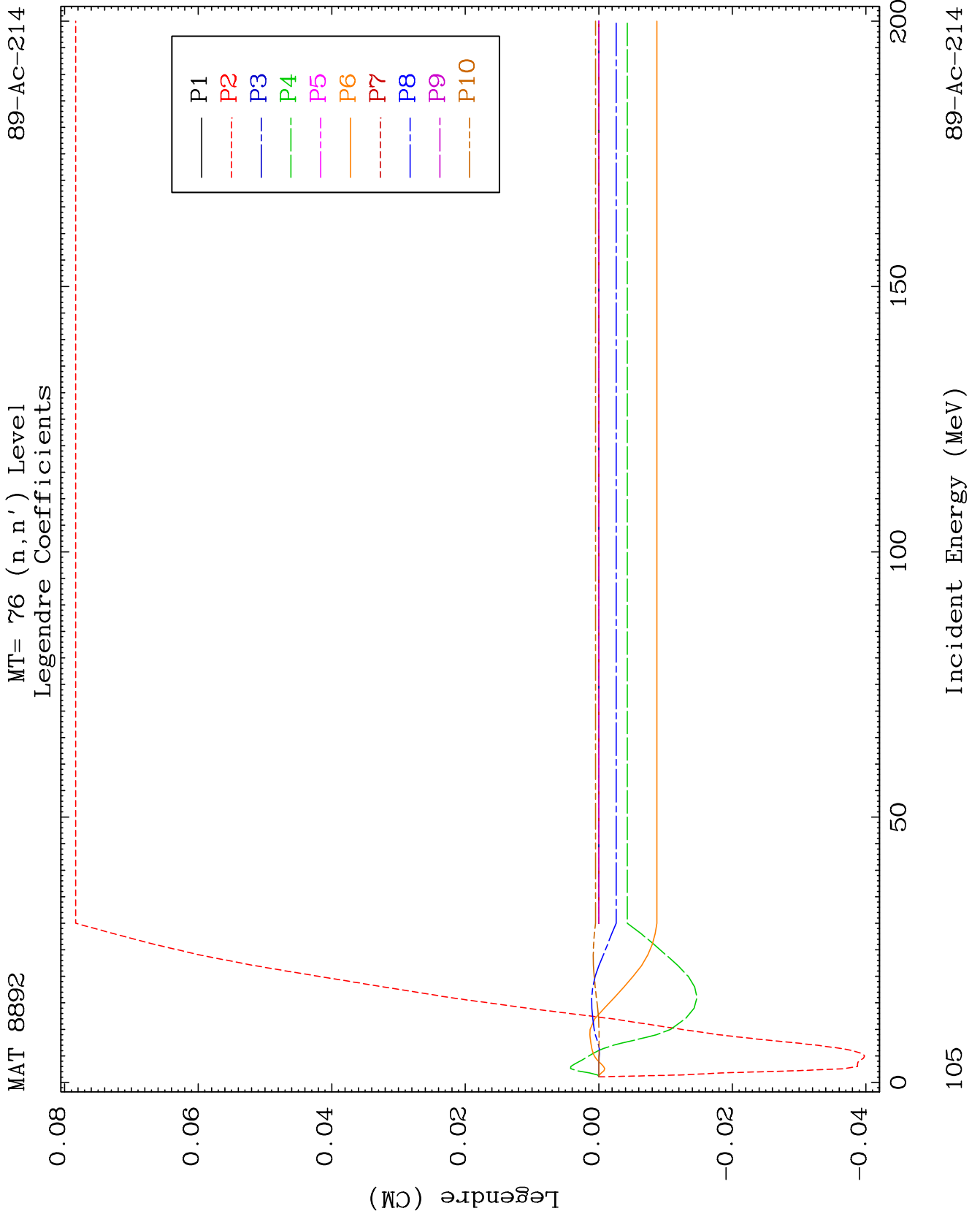
89-Ac-214



104

Incident Energy (MeV)

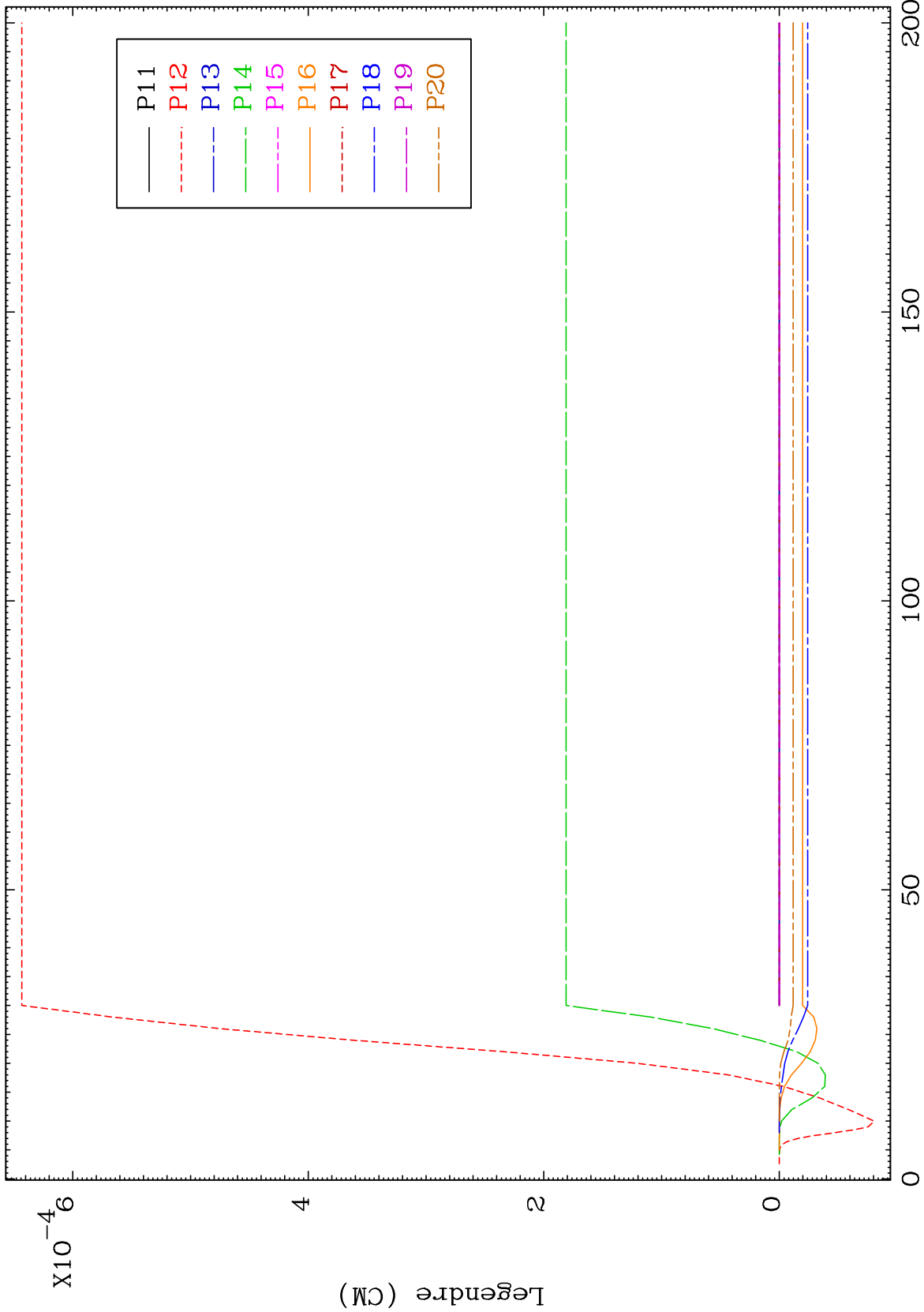
89-Ac-214



MAT 8892

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

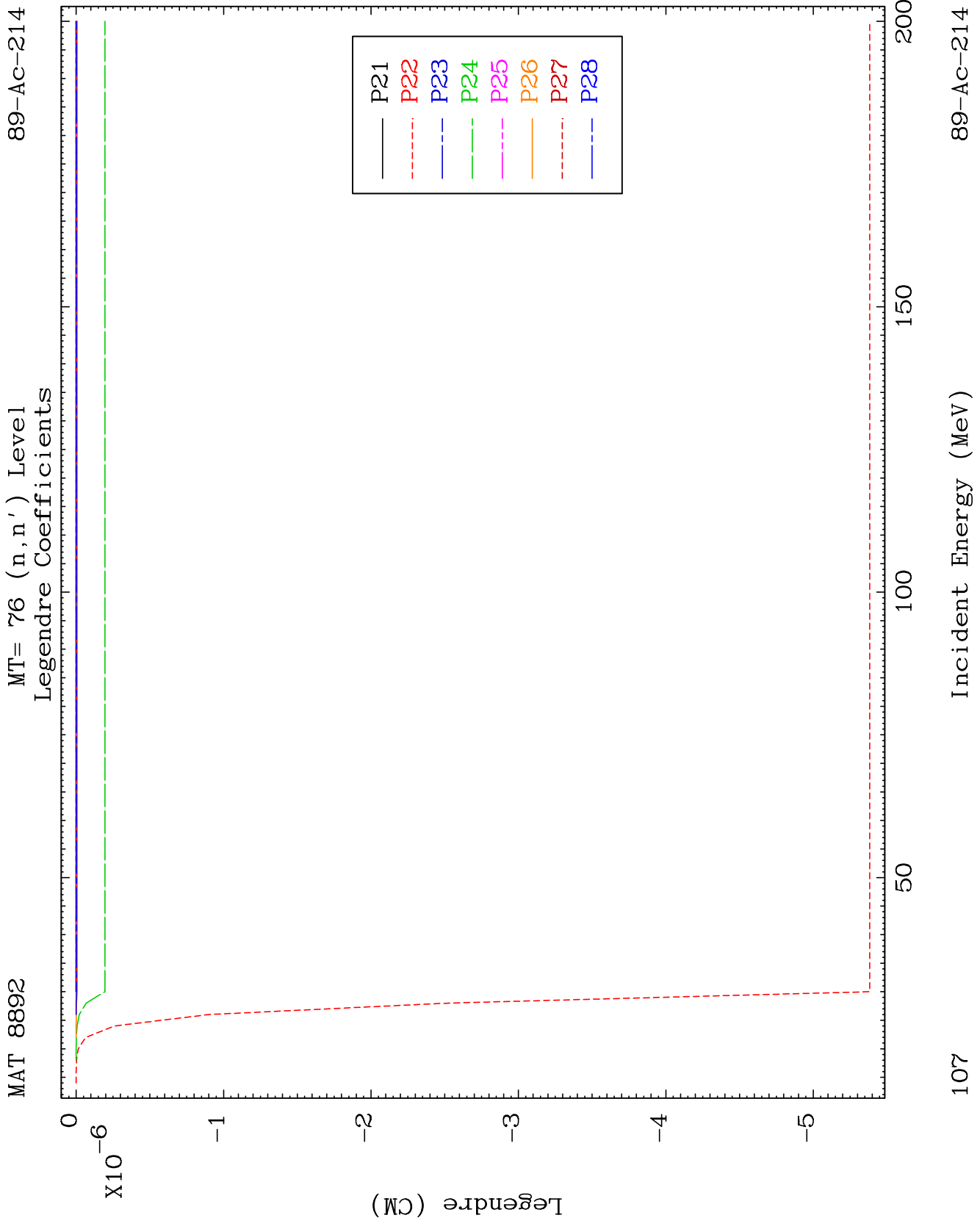
89-Ac-214



89-Ac-214

Incident Energy (MeV)

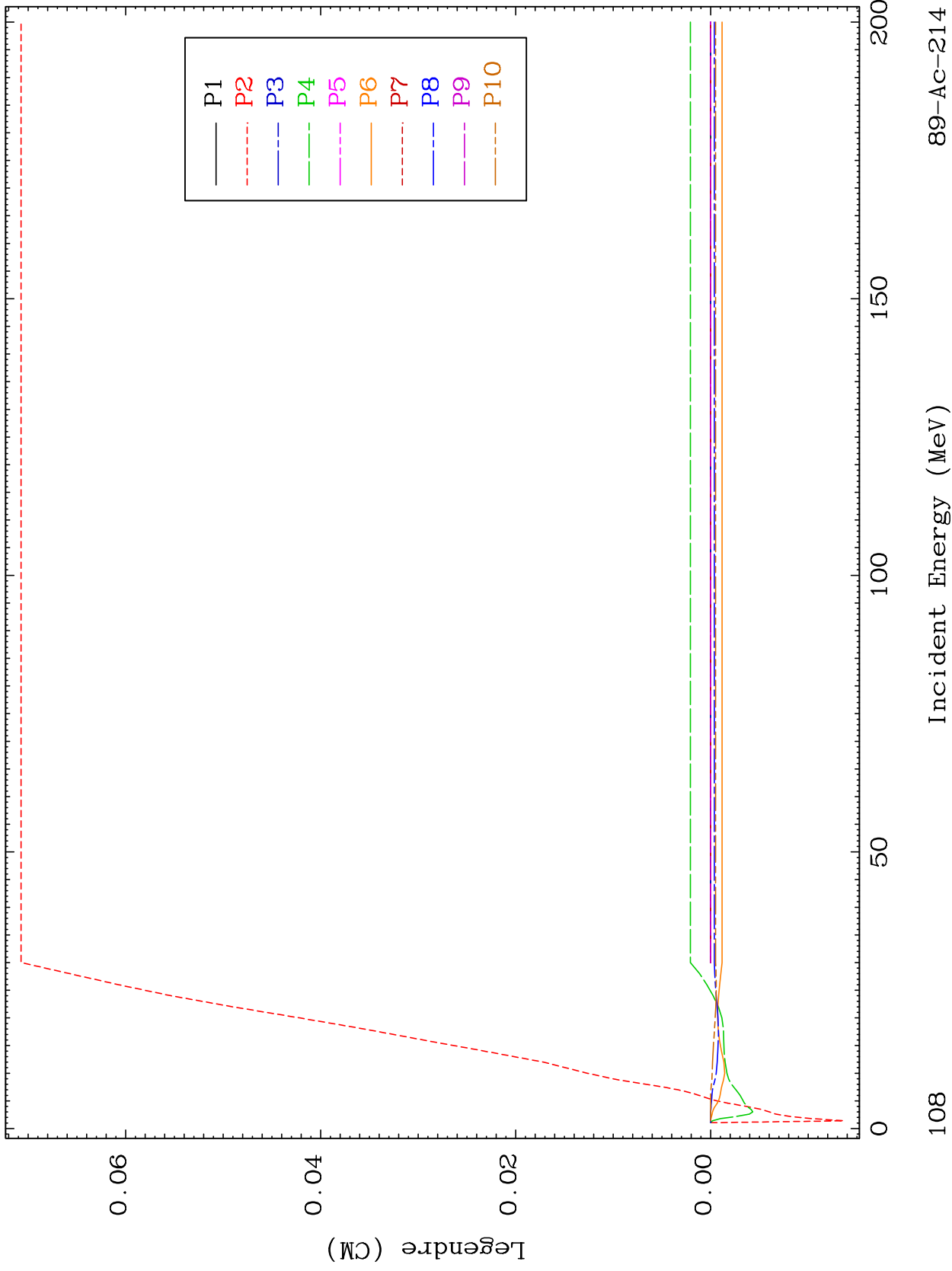
106



MAT 8892

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

89-Ac-214



89-Ac-214

Incident Energy (MeV)

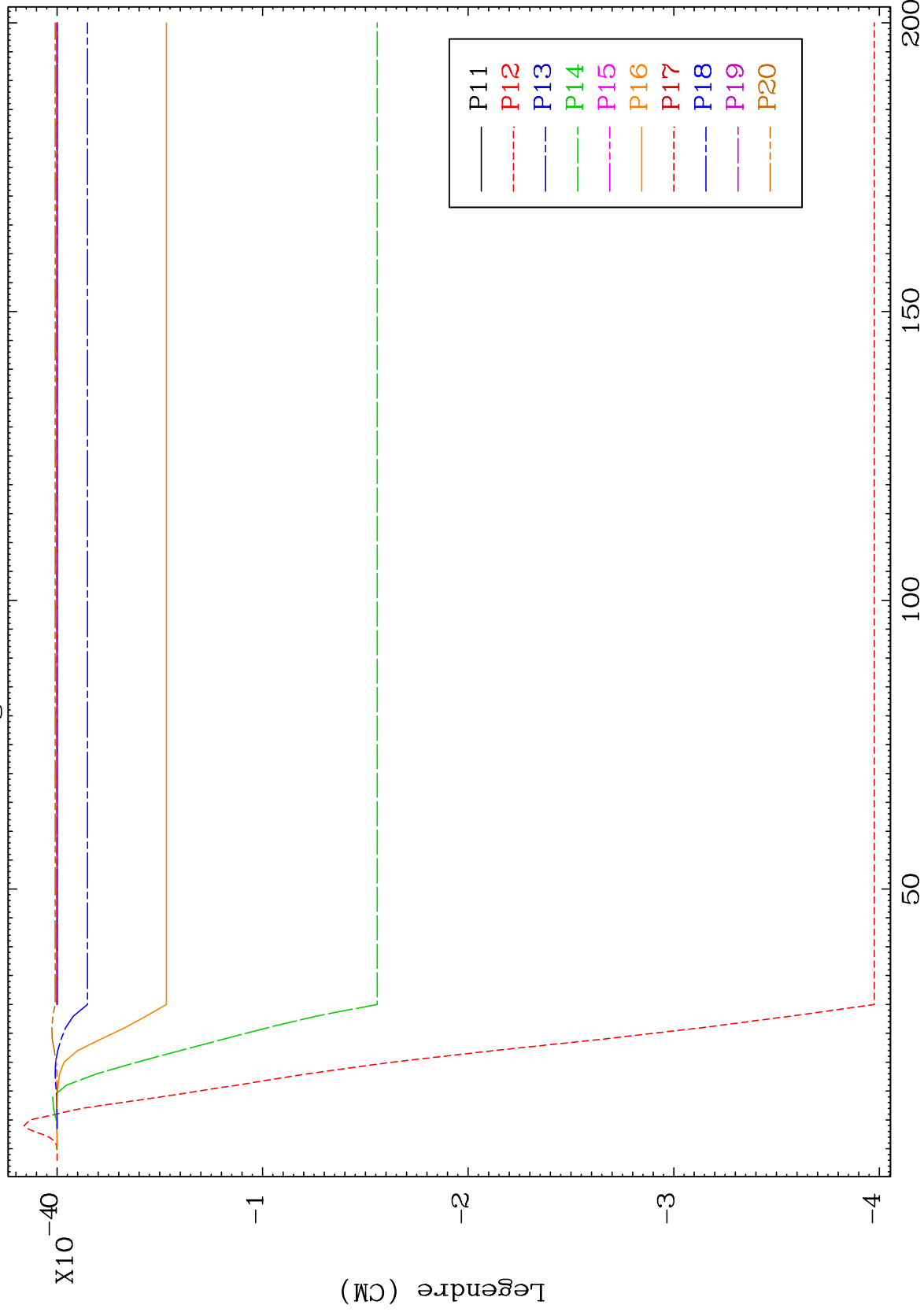
108

MAT 8892

MT= 77 (n,n') Level

89-Ac-214

Legendre Coefficients



109

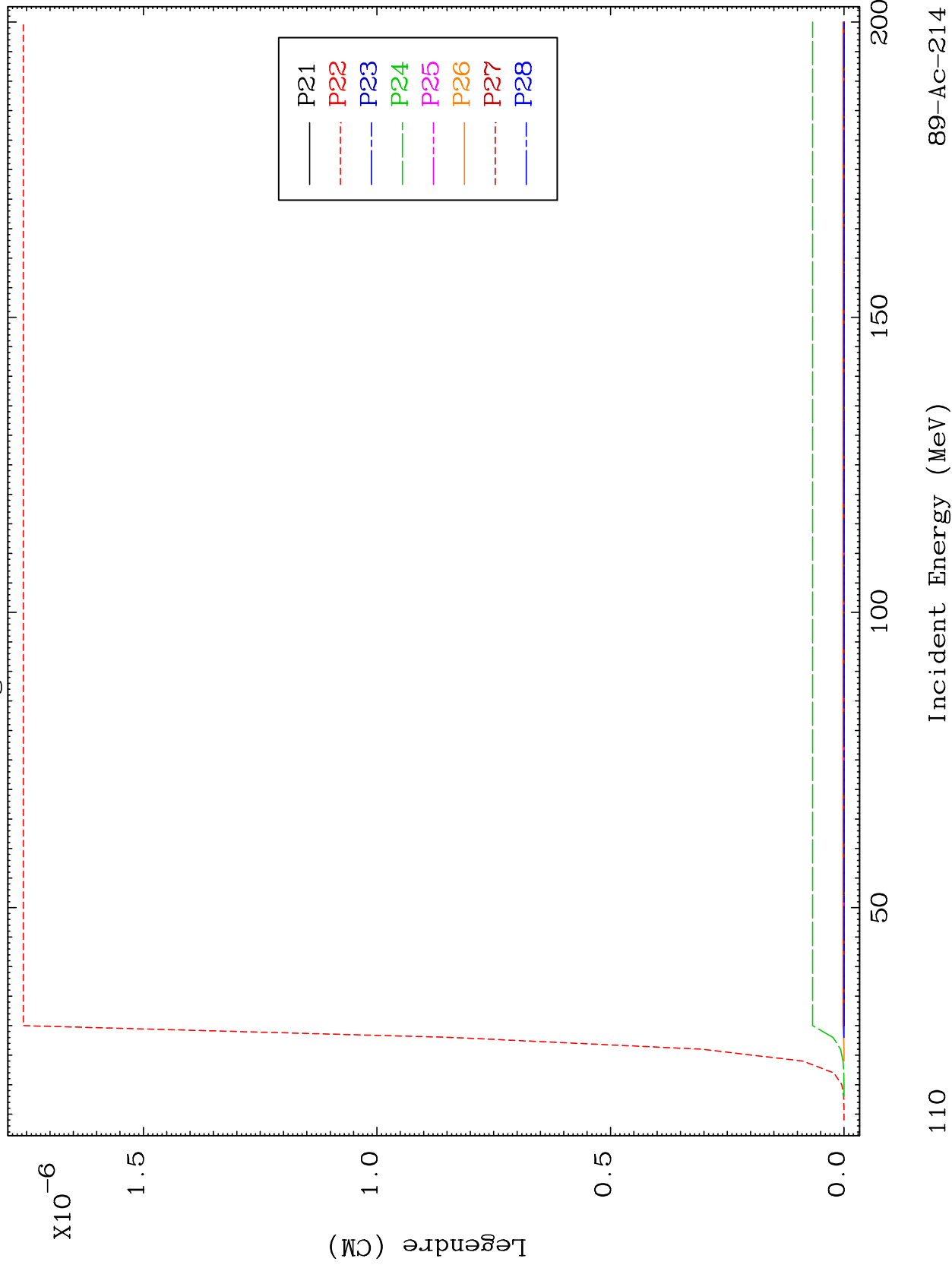
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

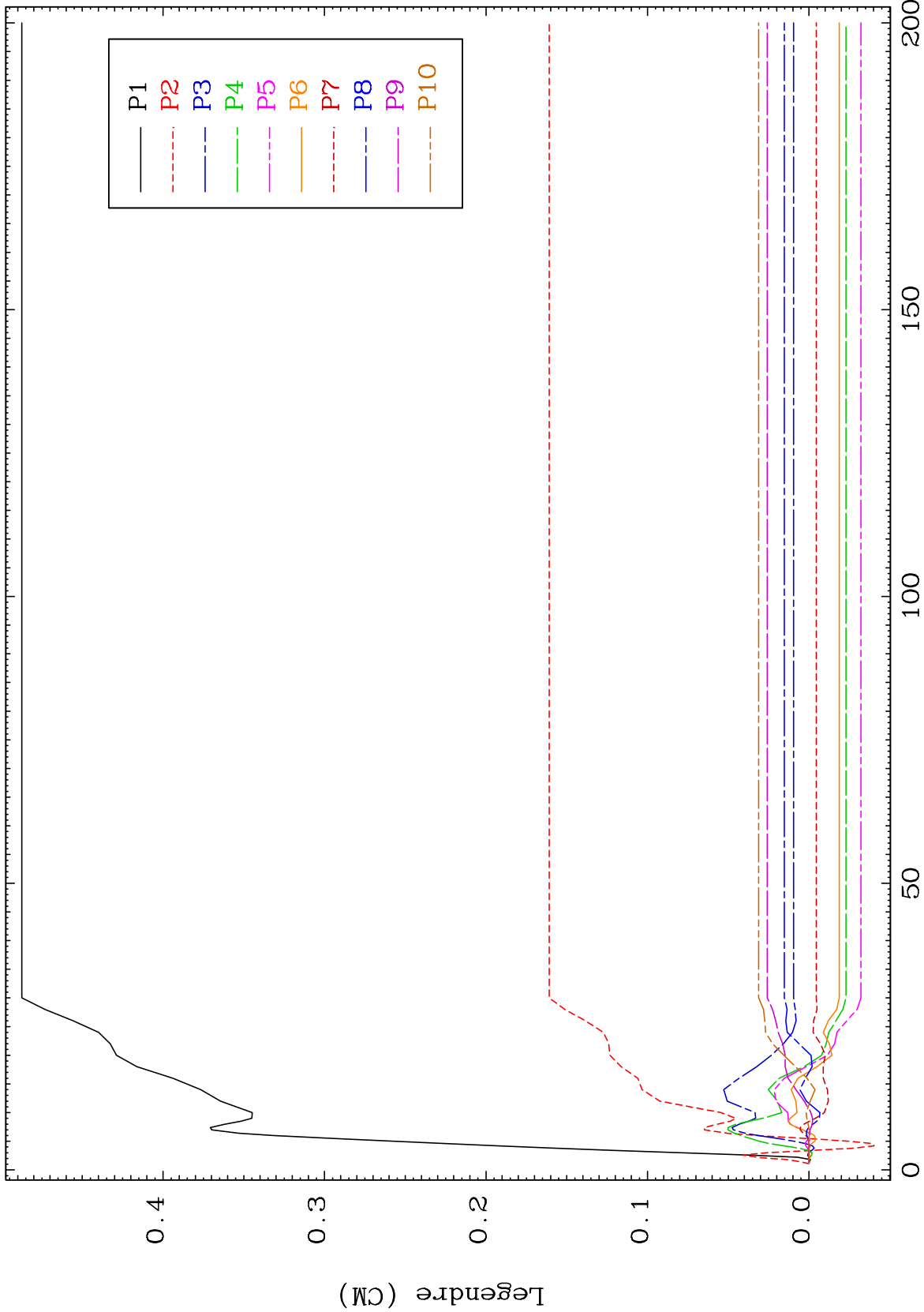
89-Ac-214



MAT 8892

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

89-Ac-214



89-Ac-214

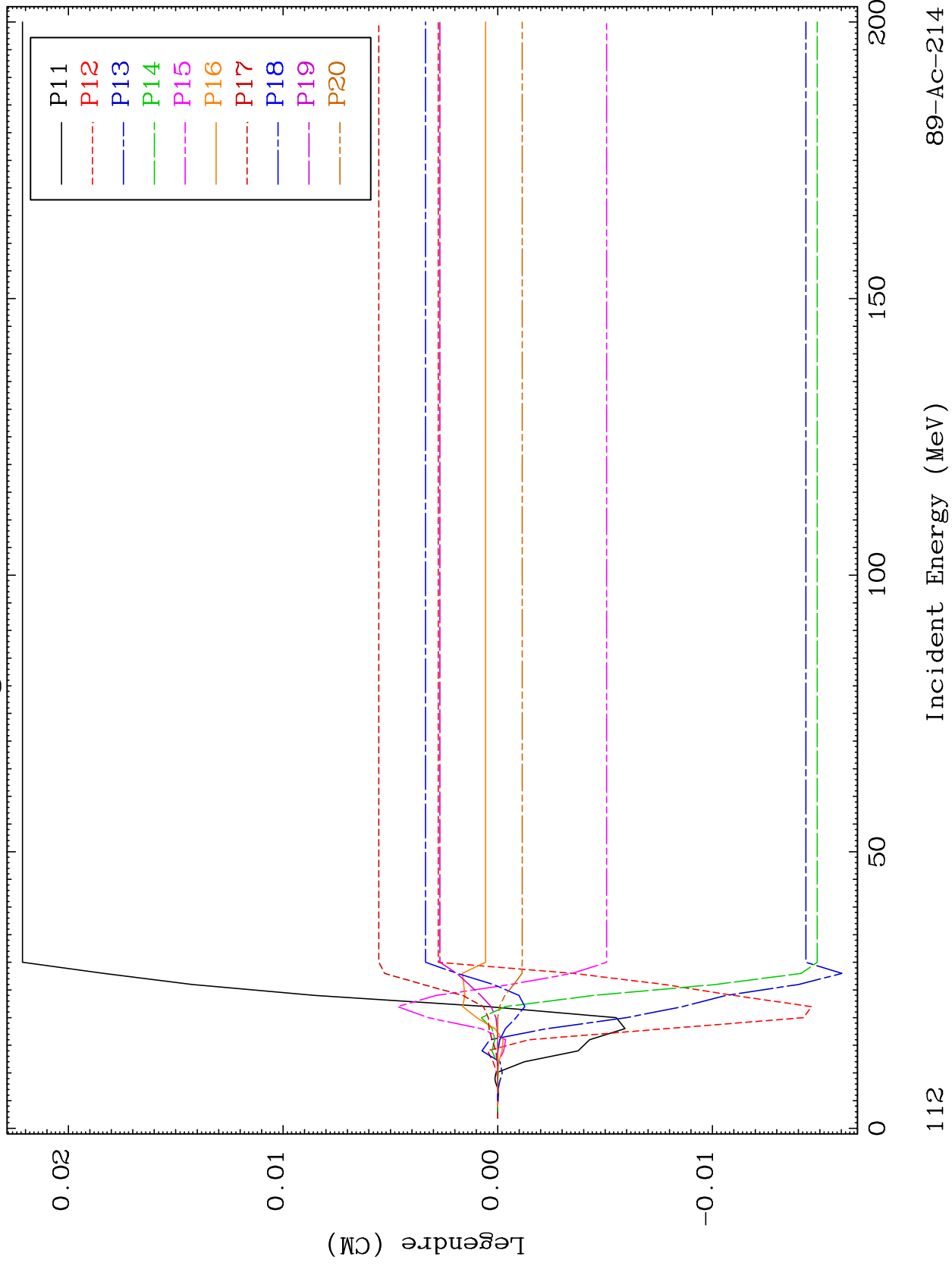
Incident Energy (MeV)

111

MAT 8892

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

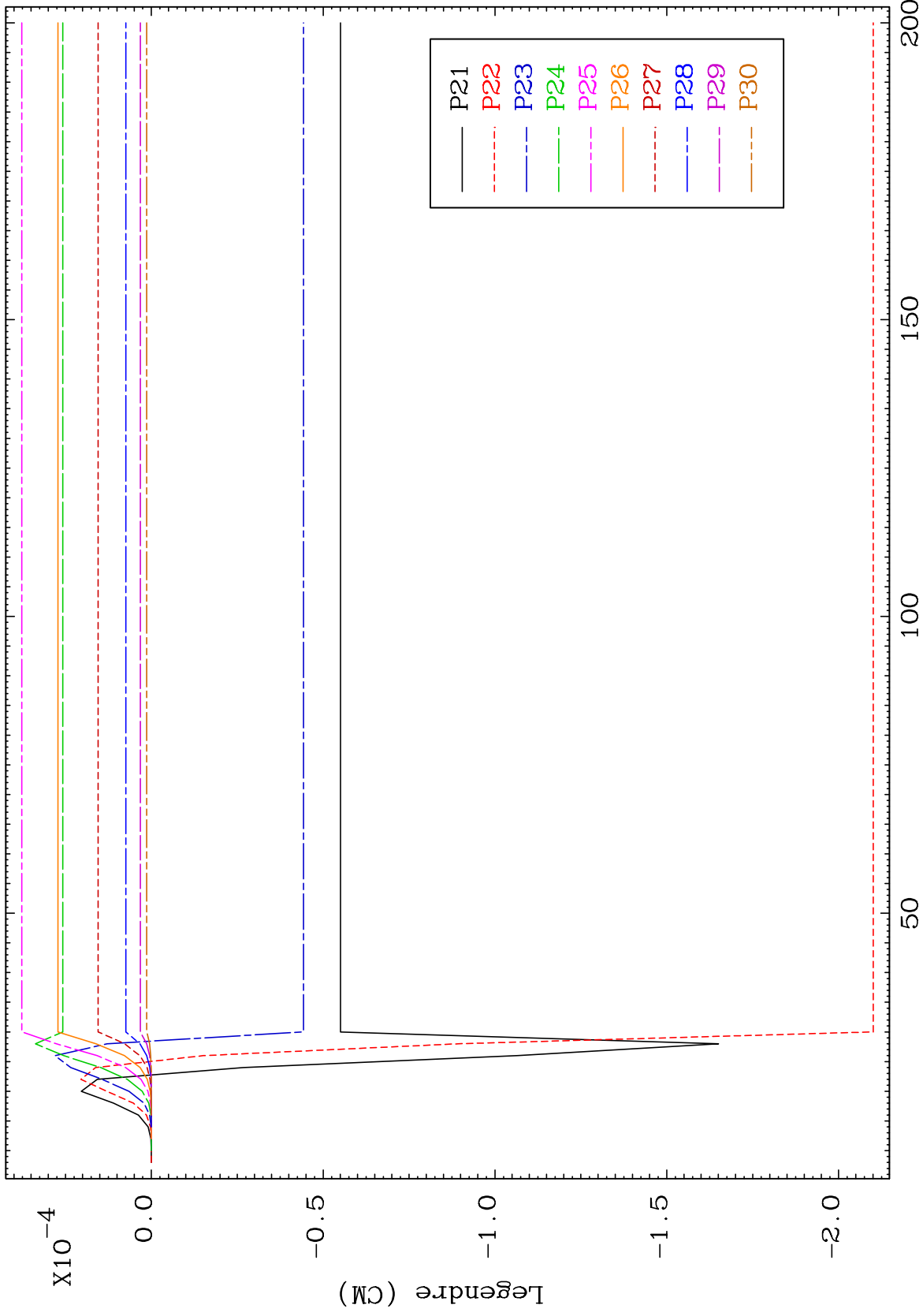
89-Ac-214



89-Ac-214

Incident Energy (MeV)

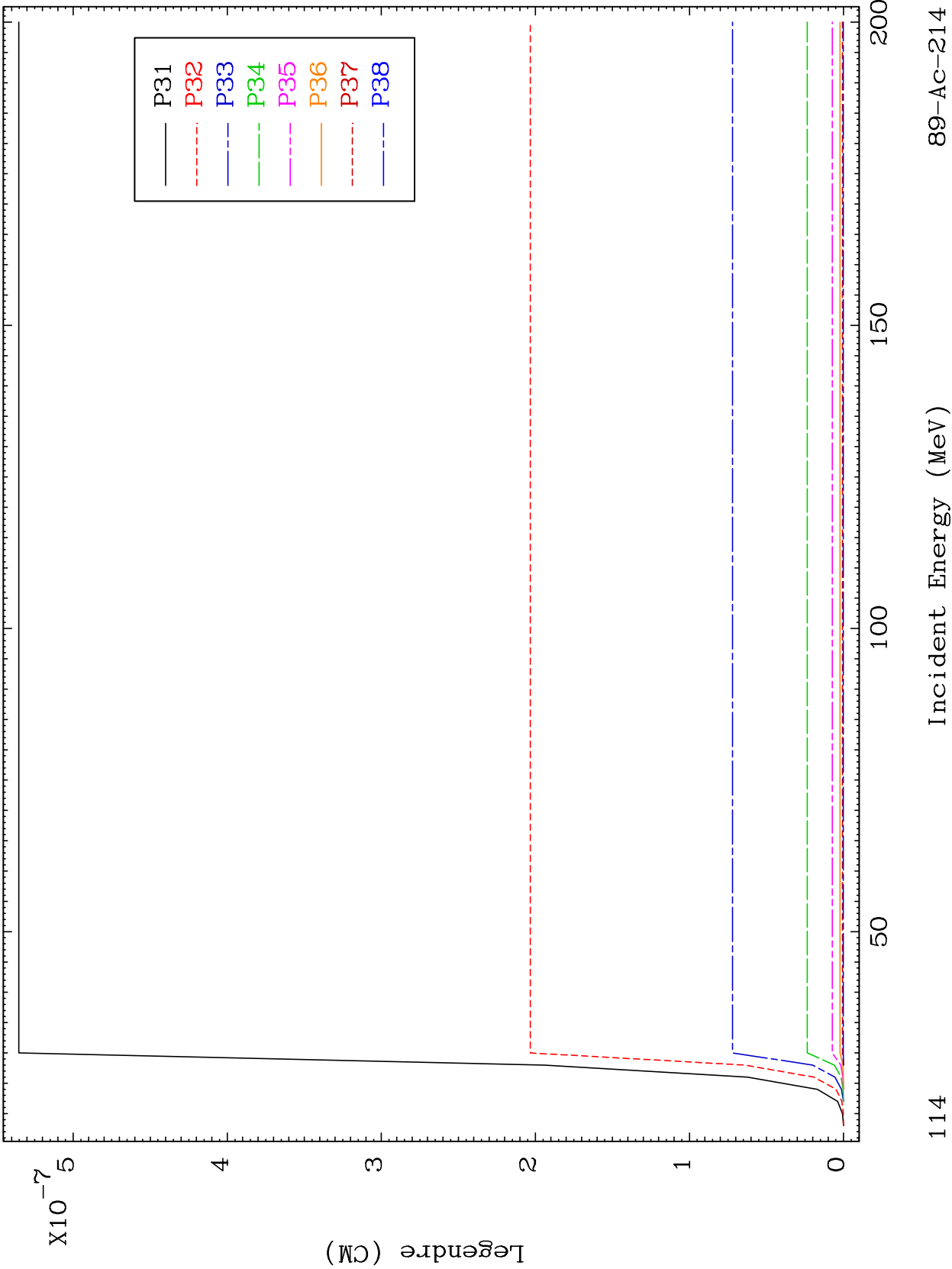
112



MAT 8892

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

89-Ac-214



114

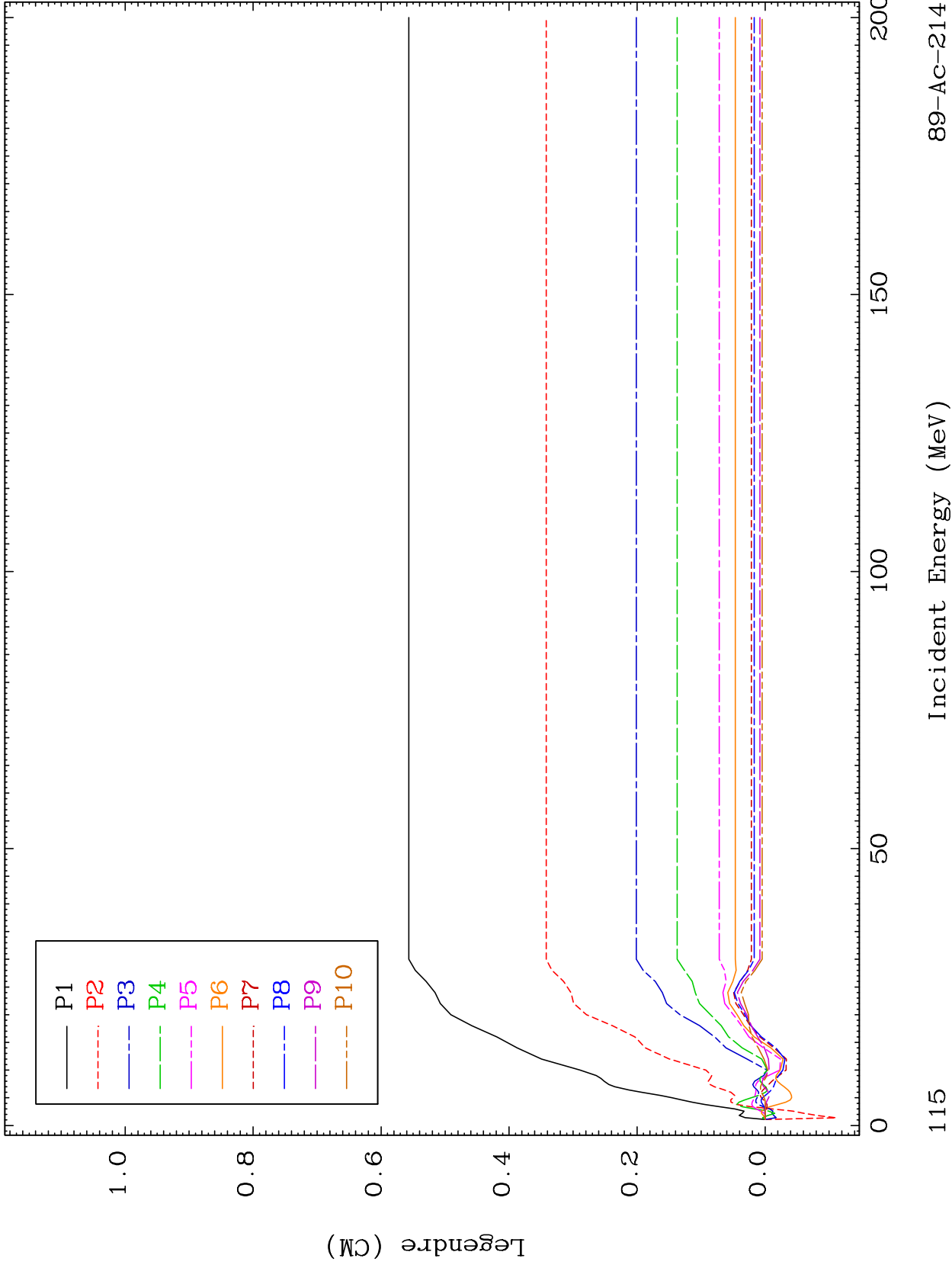
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

89-Ac-214



115

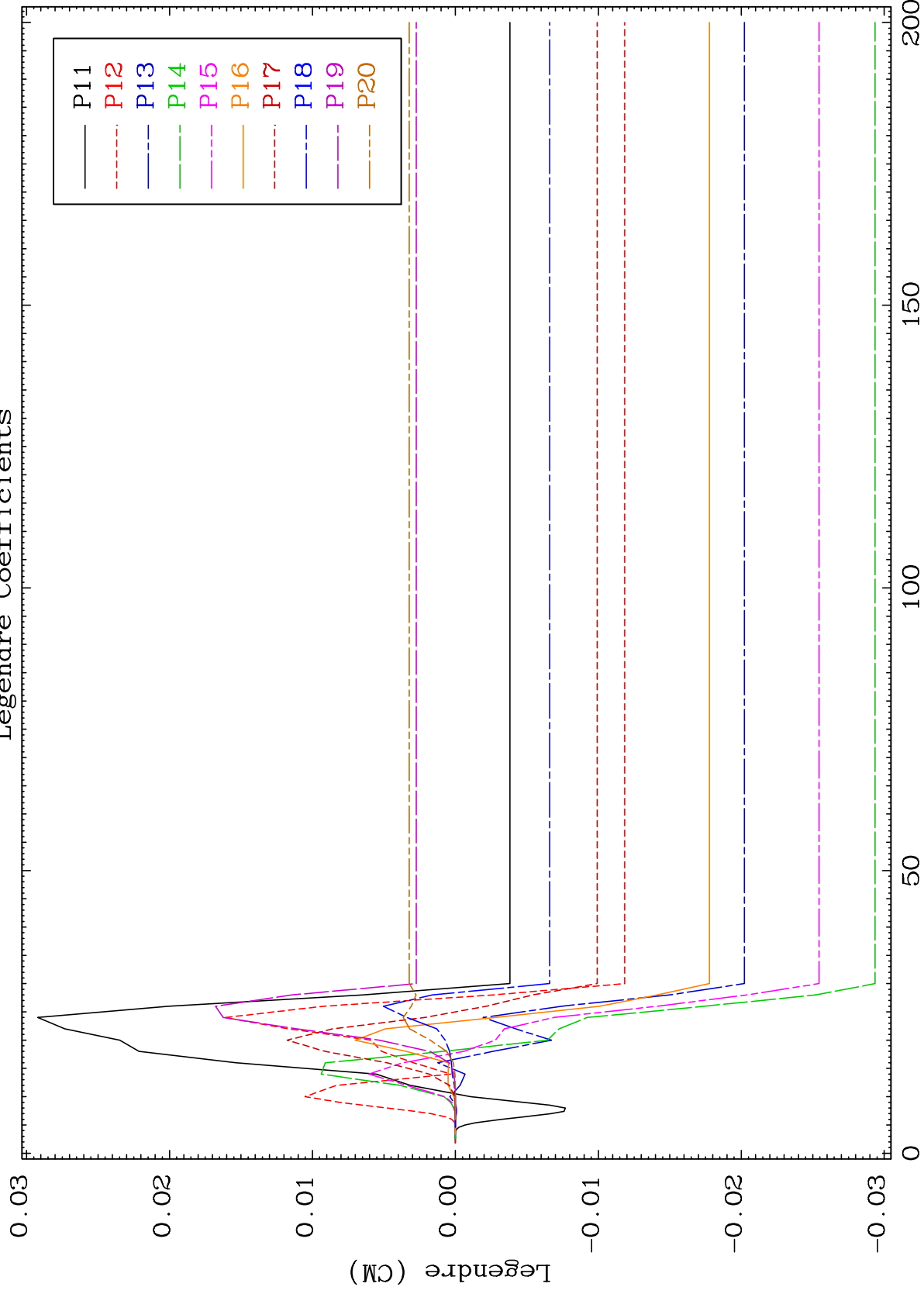
Incident Energy (MeV)

89-Ac-214

MAT 8892

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

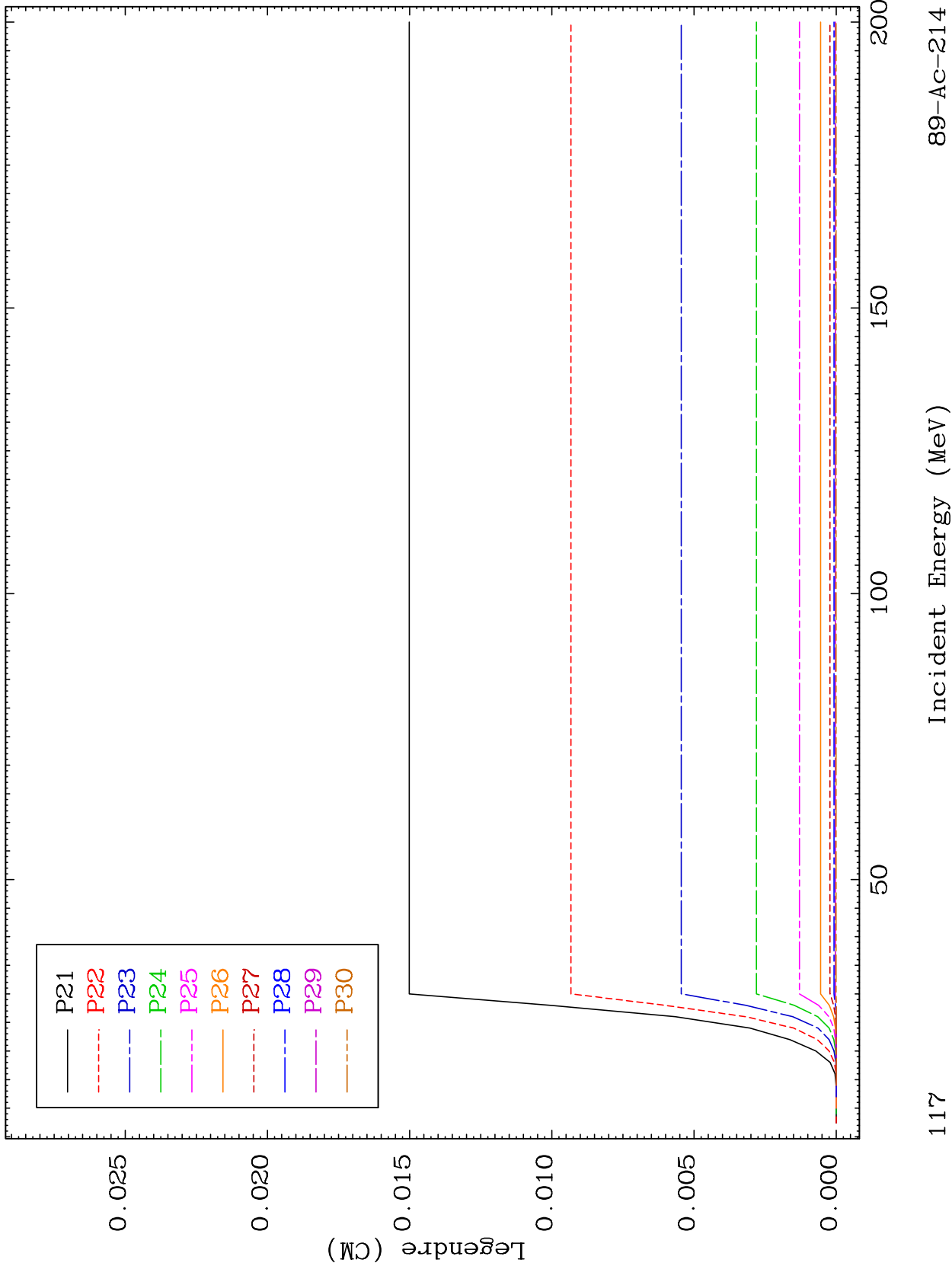
89-Ac-214



116

Incident Energy (MeV)

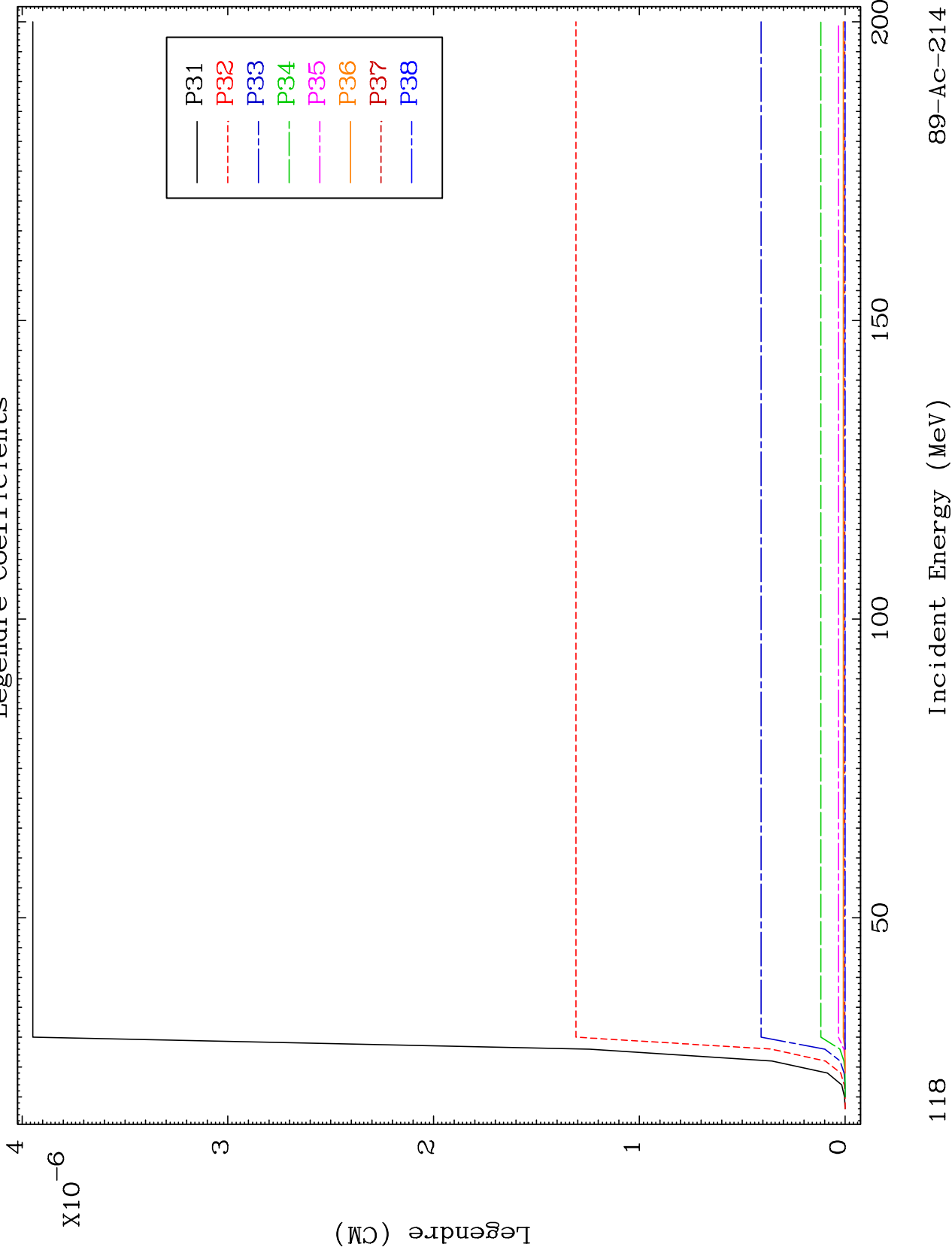
89-Ac-214



MAT 8892

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

89-Ac-214



118

Incident Energy (MeV)

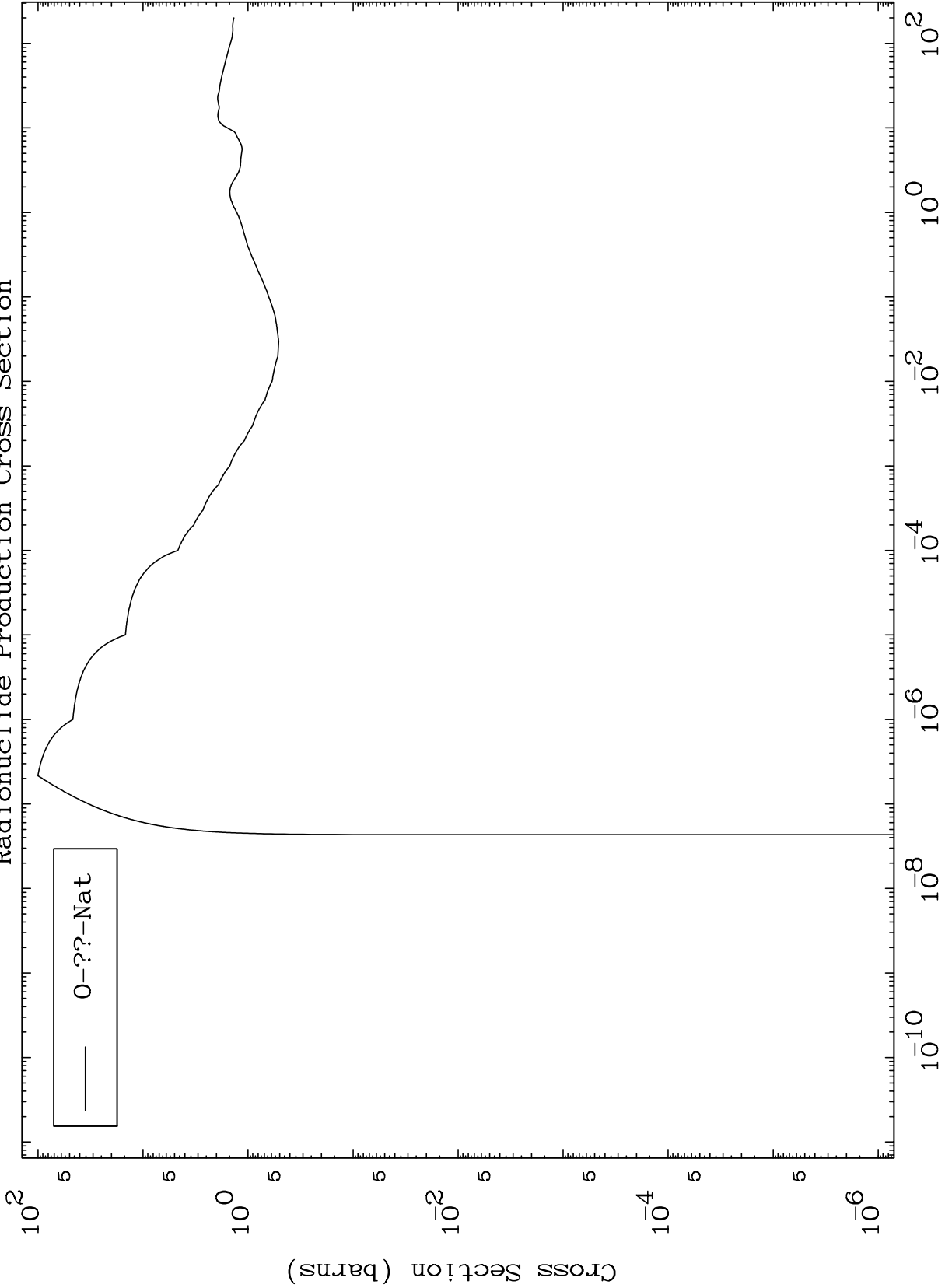
89-Ac-214

MAT 8892

Fission

89-Ac-214

Radionuclide Production Cross Section

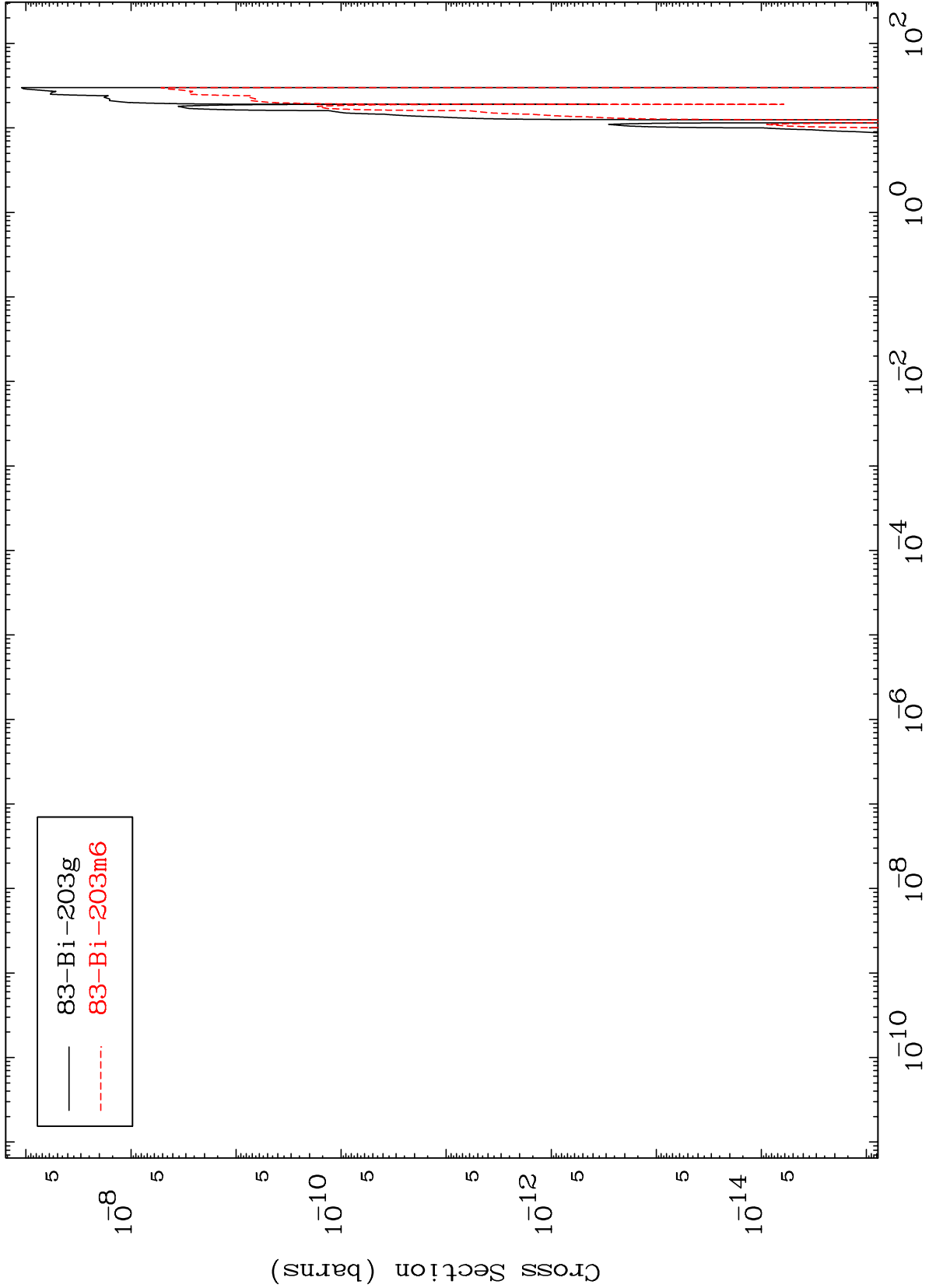


MAT 8892

(n, 3α)

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Radionuclide Production Cross Section



120

Incident Energy (MeV)

89-Ac-214