

Program EVALPLOT
(Version 2021-1)

by

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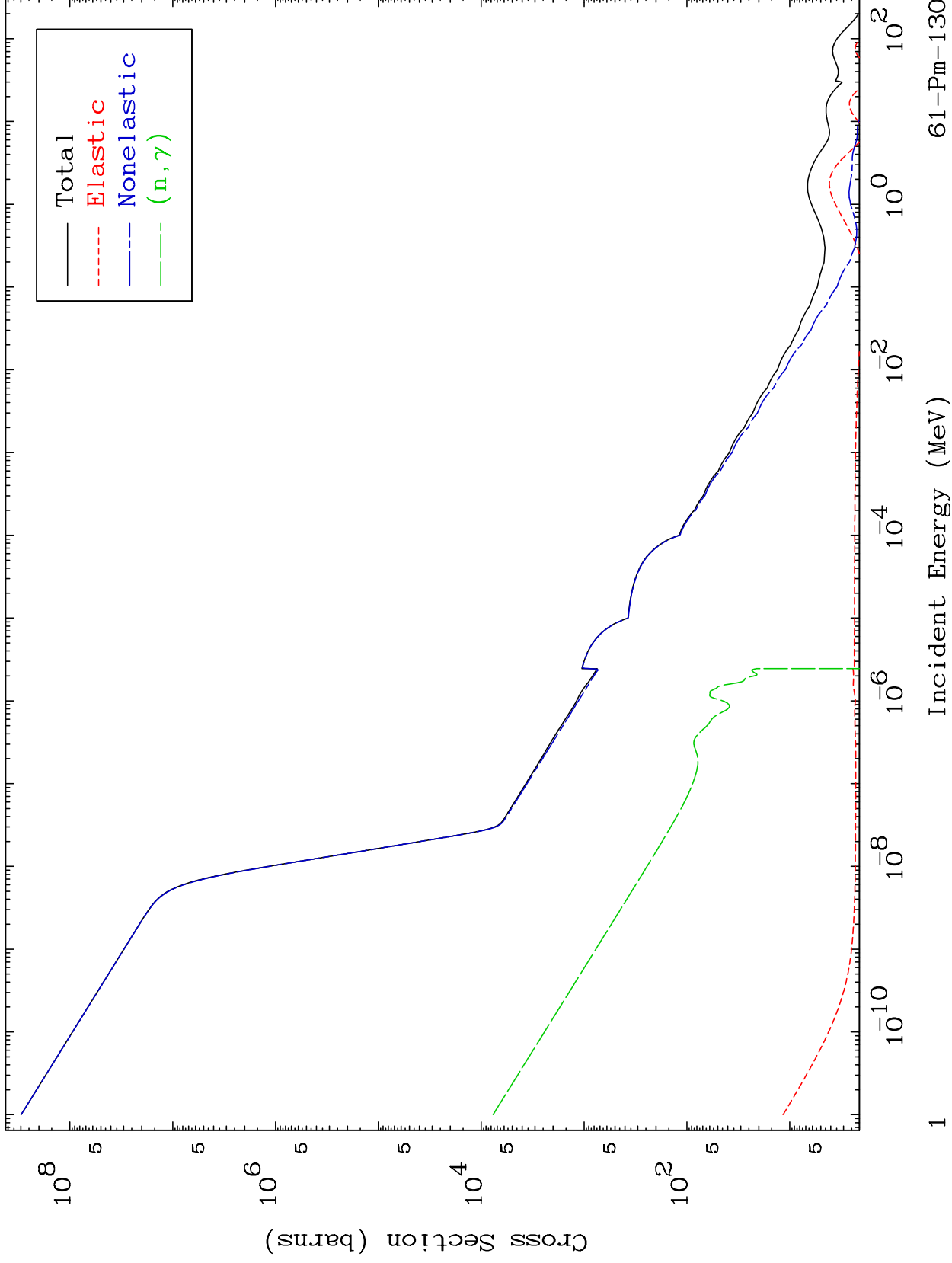
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6098

Neutron Major
293 Kelvin Cross Sections

61-Pm-130



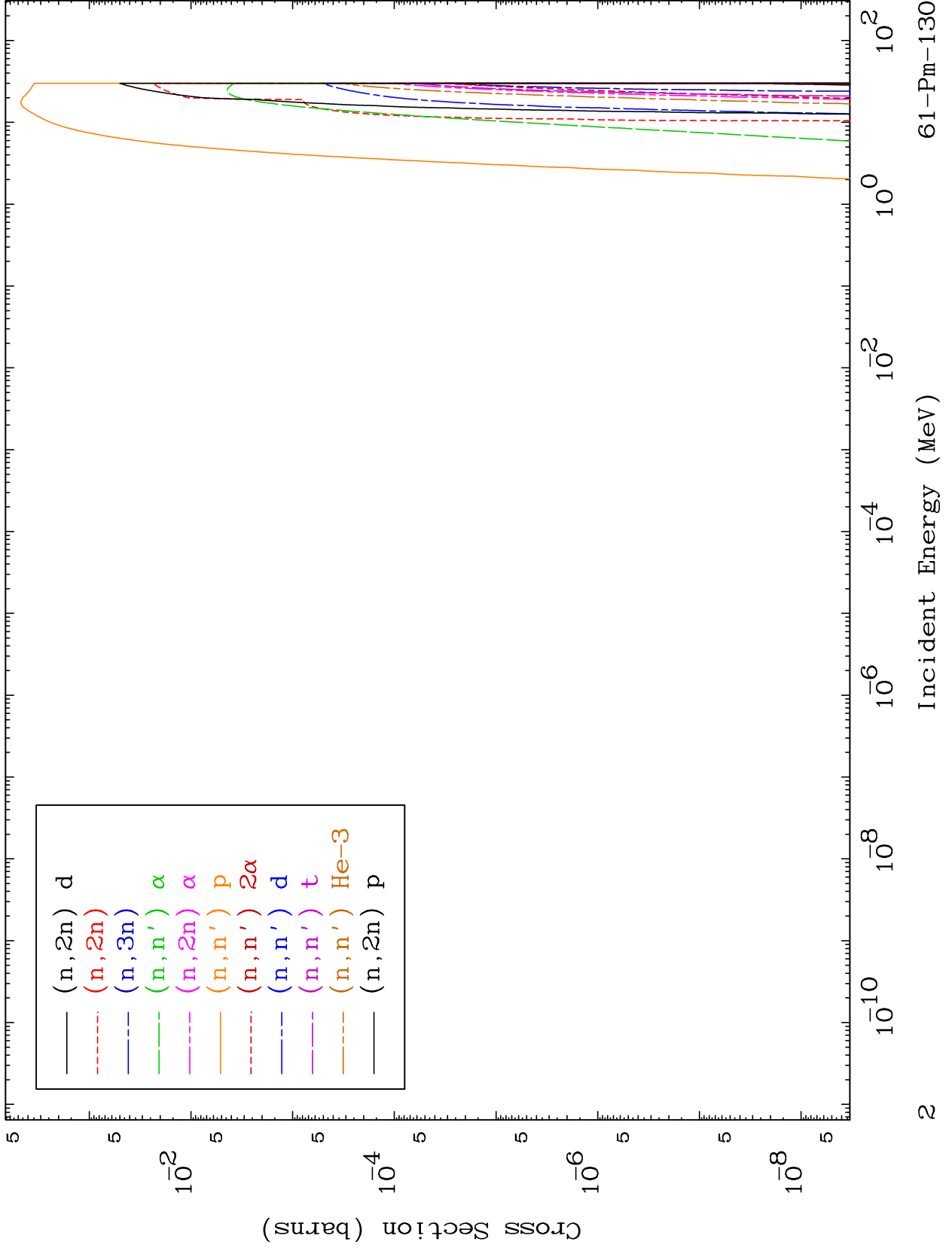
1

61-Pm-130

MAT 6098

Neutron Absorption
293 Kelvin Cross Sections

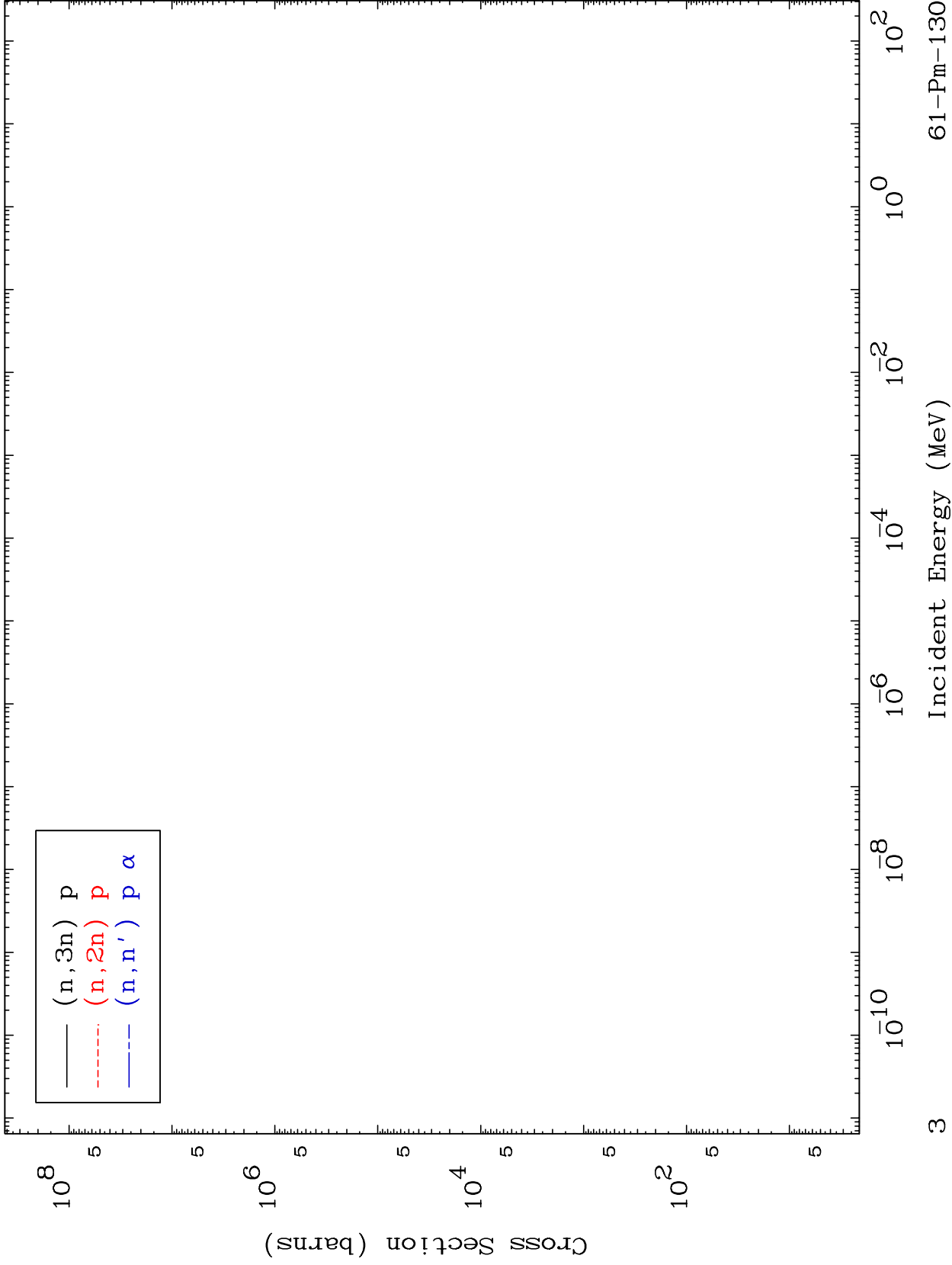
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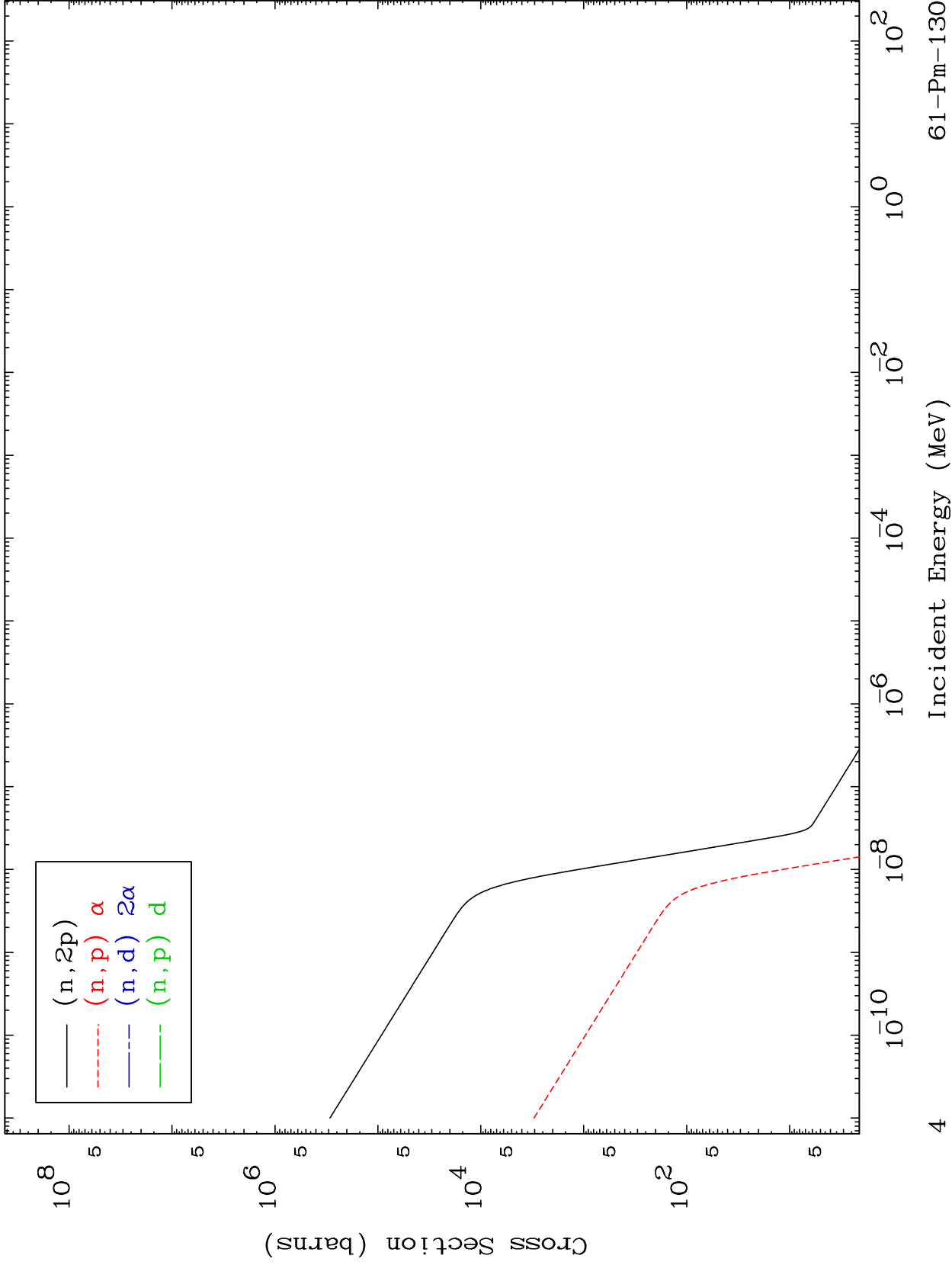


MAT 6098

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-130

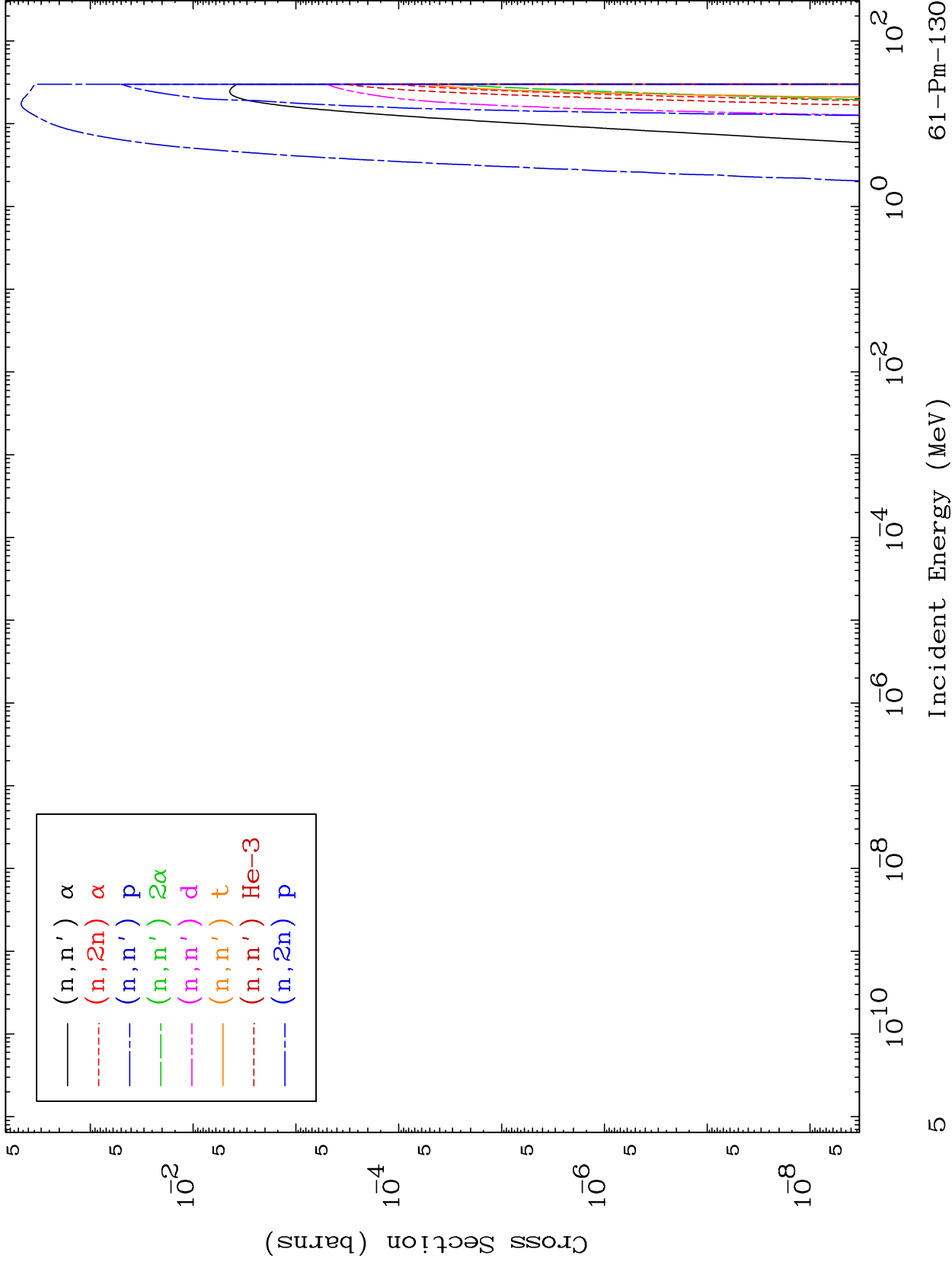




MAT 6098

Charged Particle
293 Kelvin Cross Sections

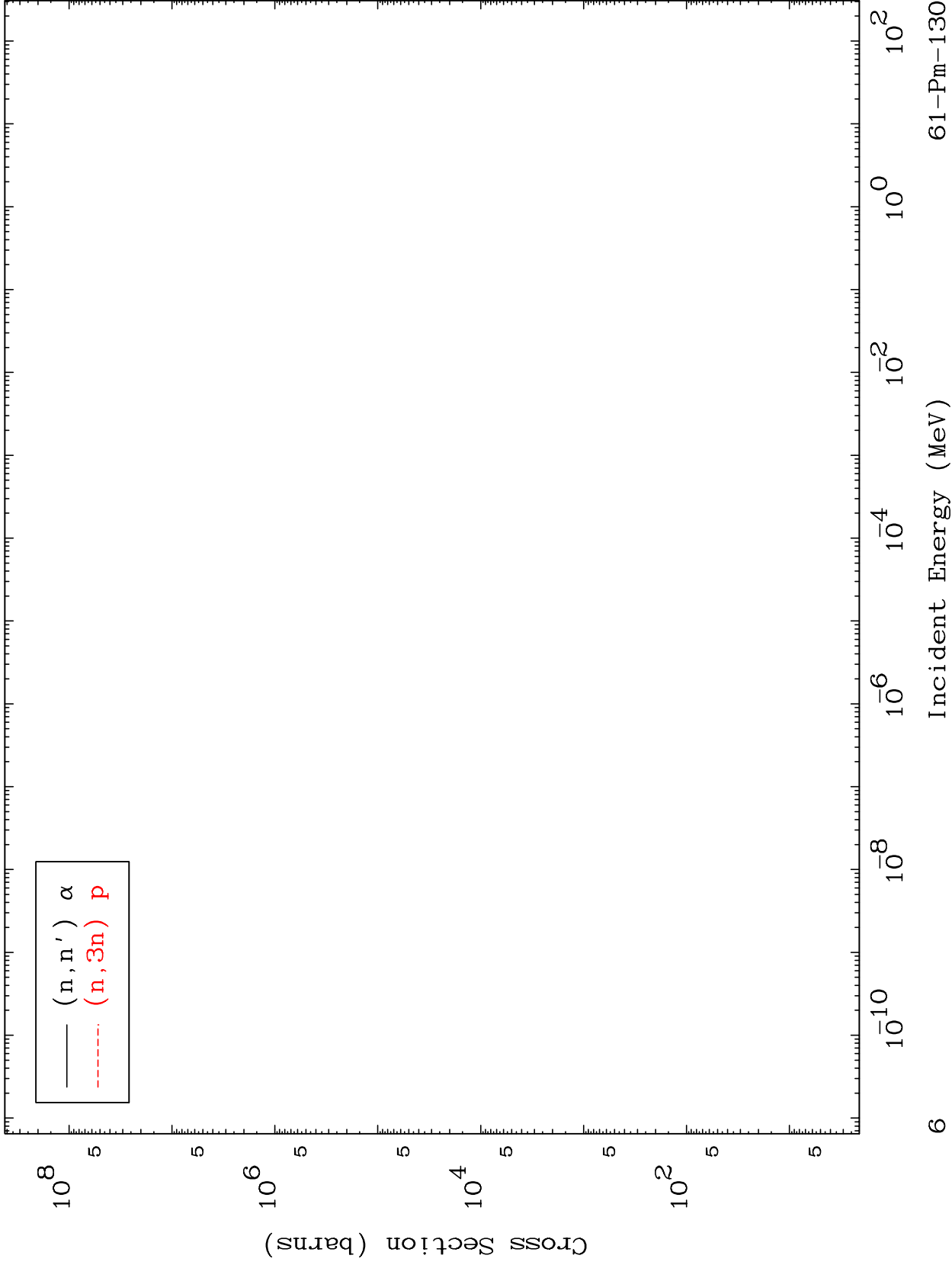
61-Pm-130



MAT 6098

Charged Particle
293 Kelvin Cross Sections

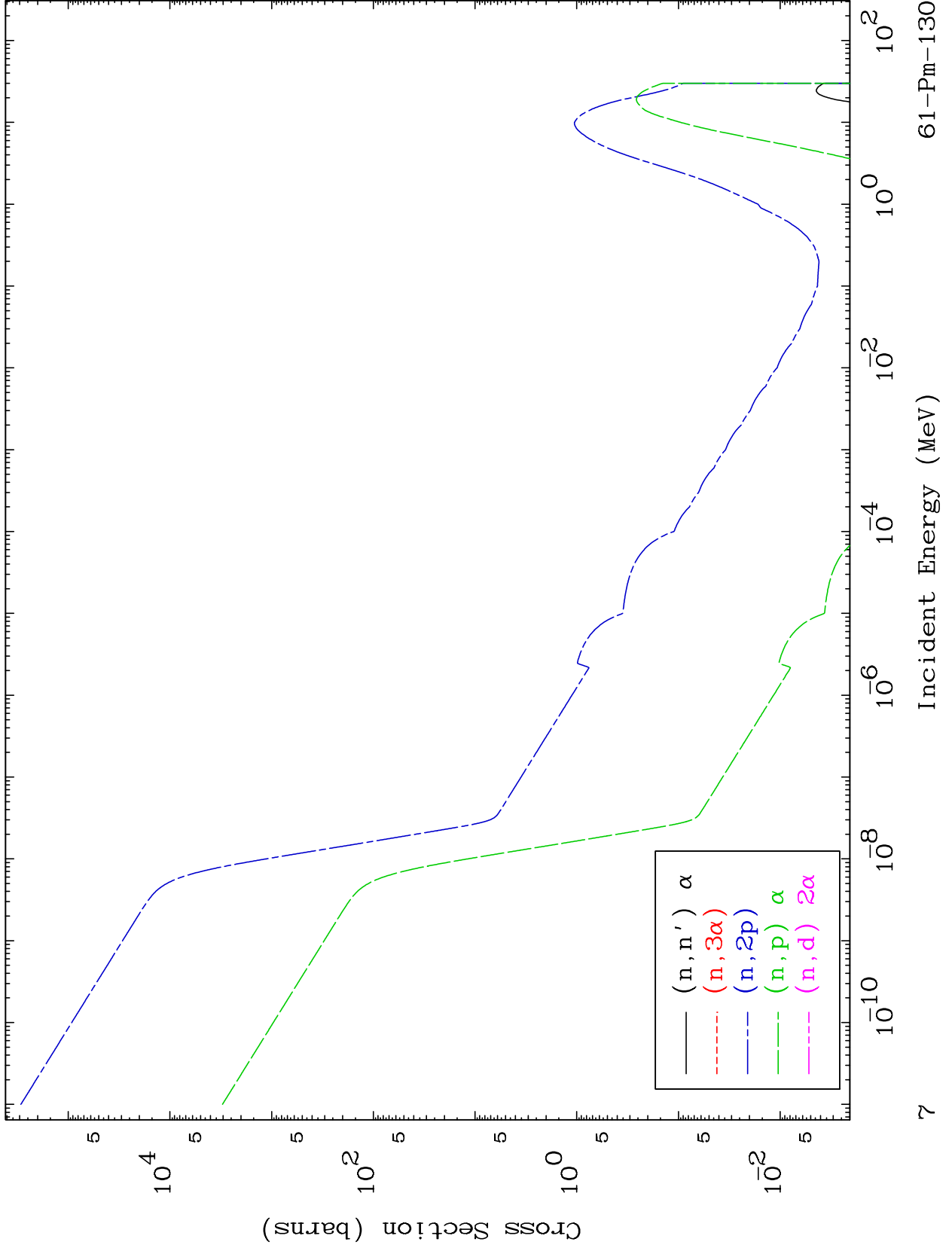
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MAT 6098

Charged Particle
293 Kelvin Cross Sections

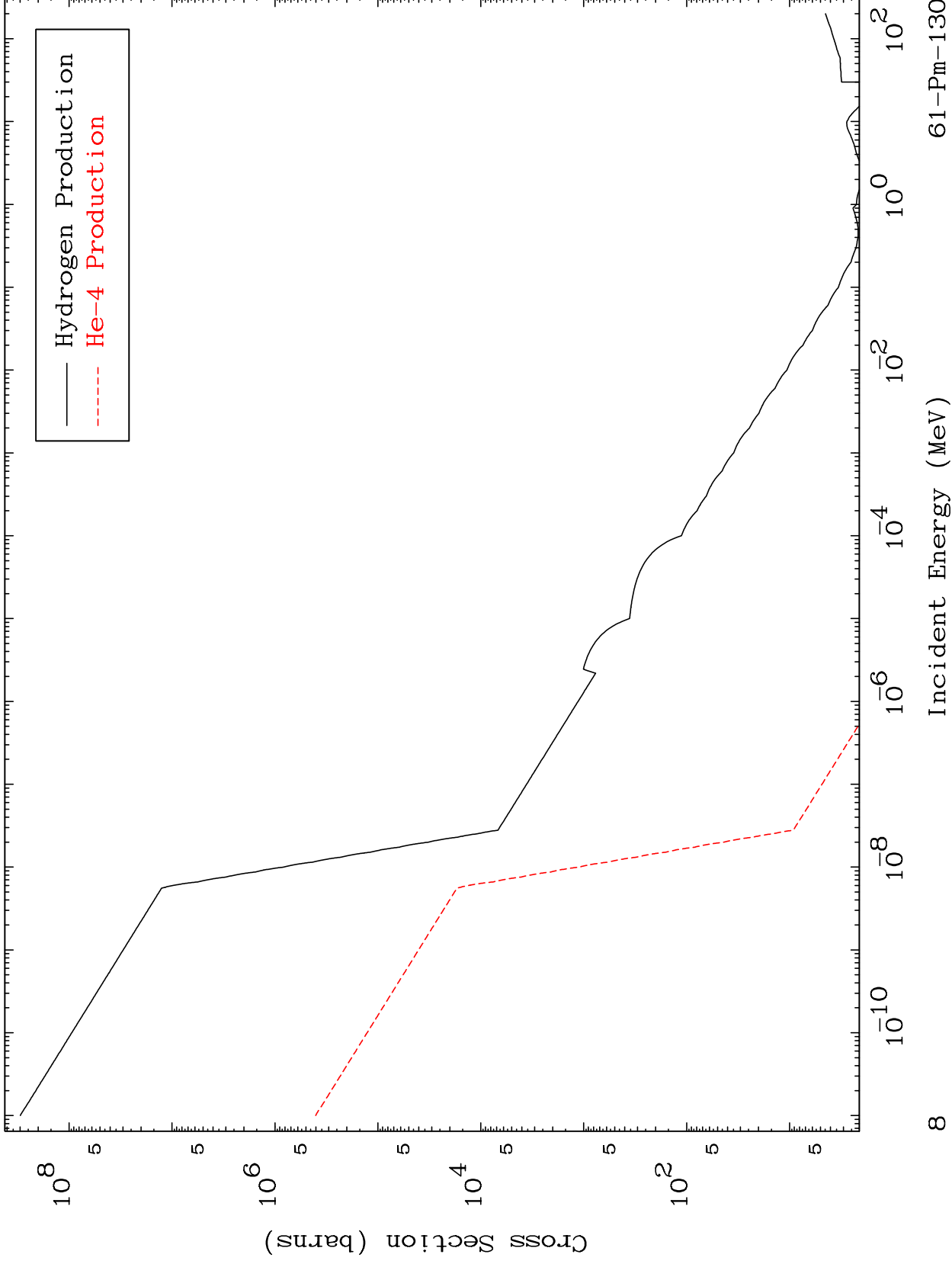
61-Pm-130



MAT 6098

Particle Production
293 Kelvin Cross Sections

61-Pm-130

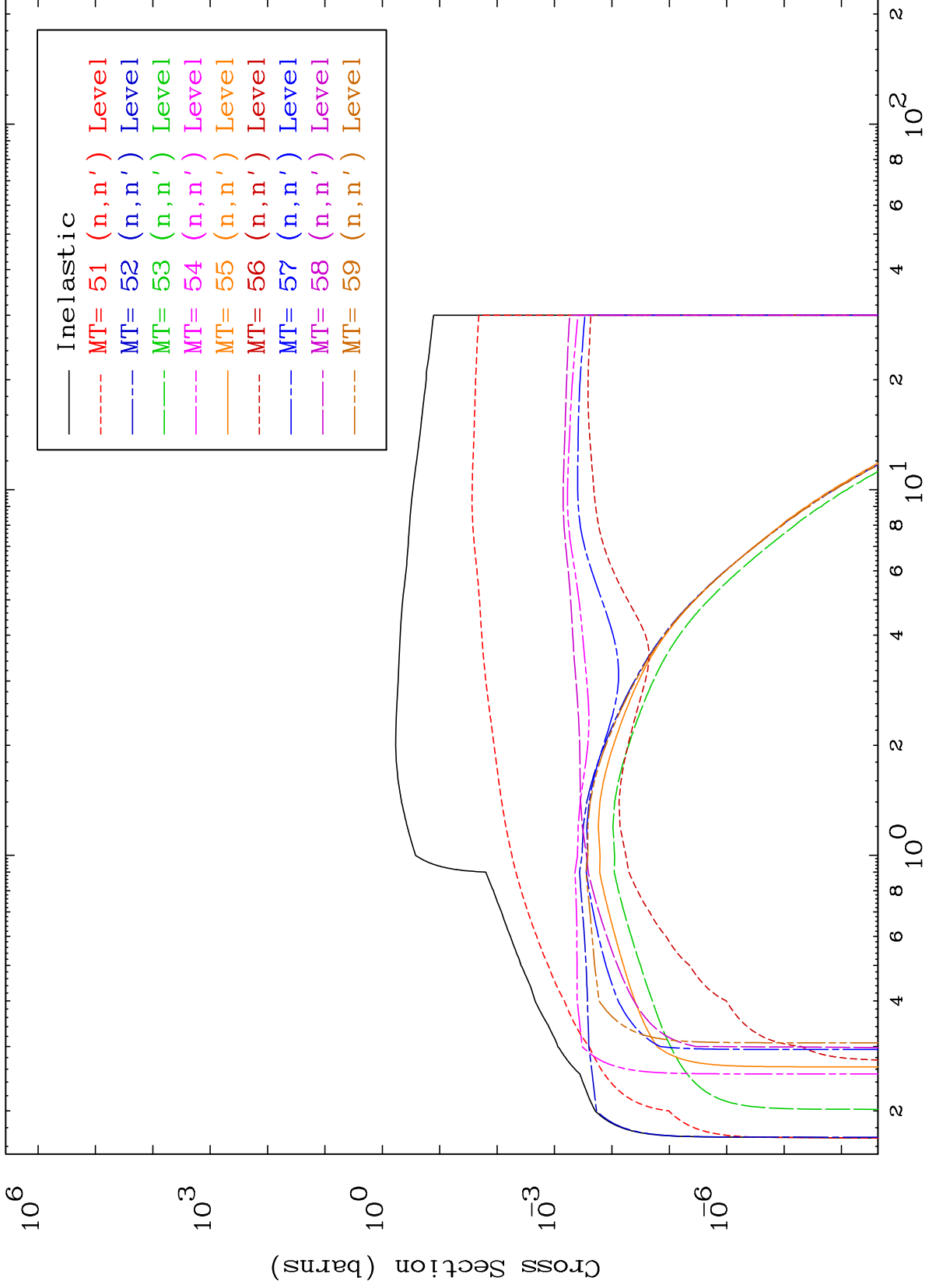


MAT 6098

(n,n') Levels

61-Pm-130

293 Kelvin Cross Sections

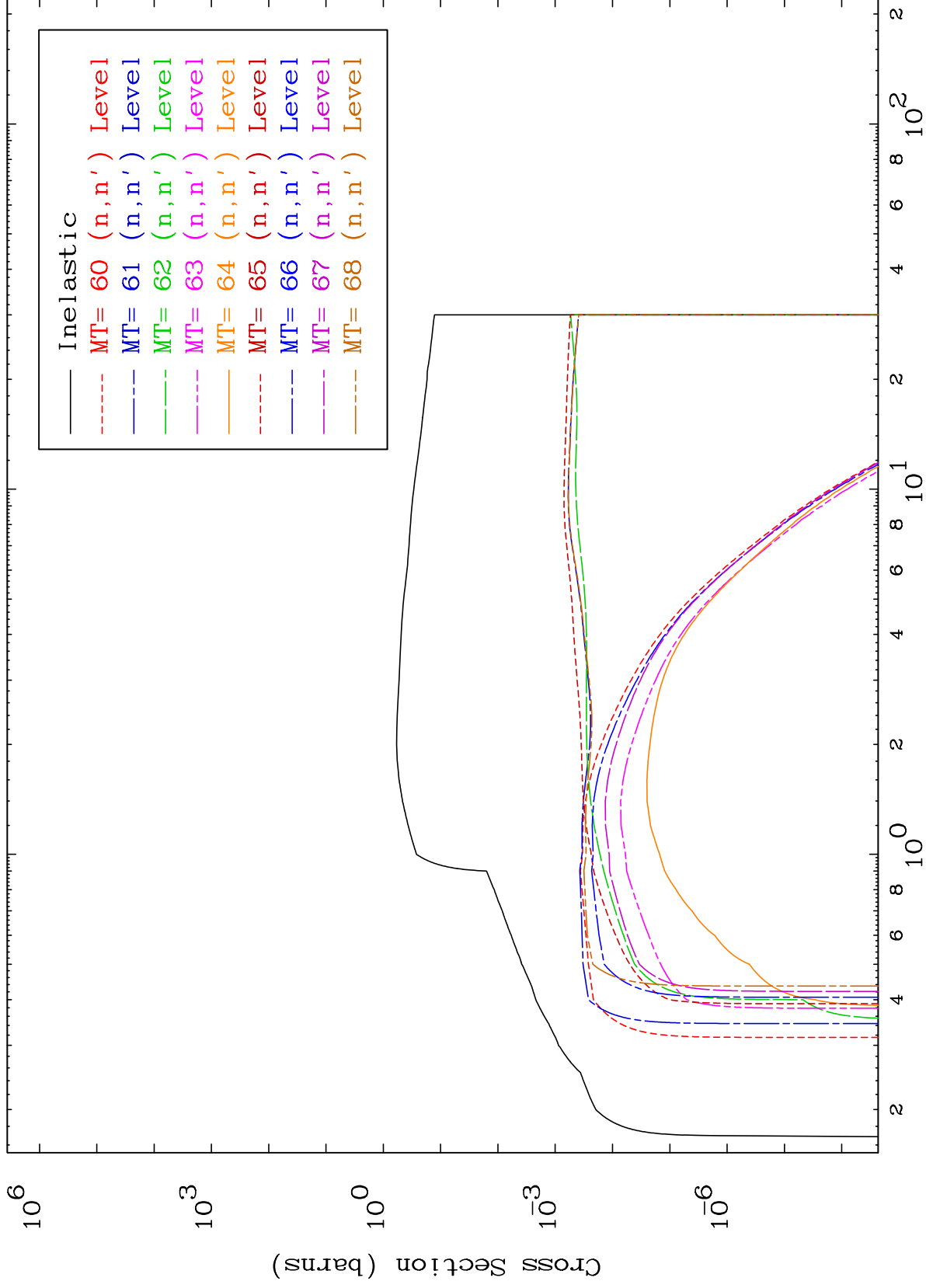


MAT 6098

(n,n') Levels

61-Pm-130

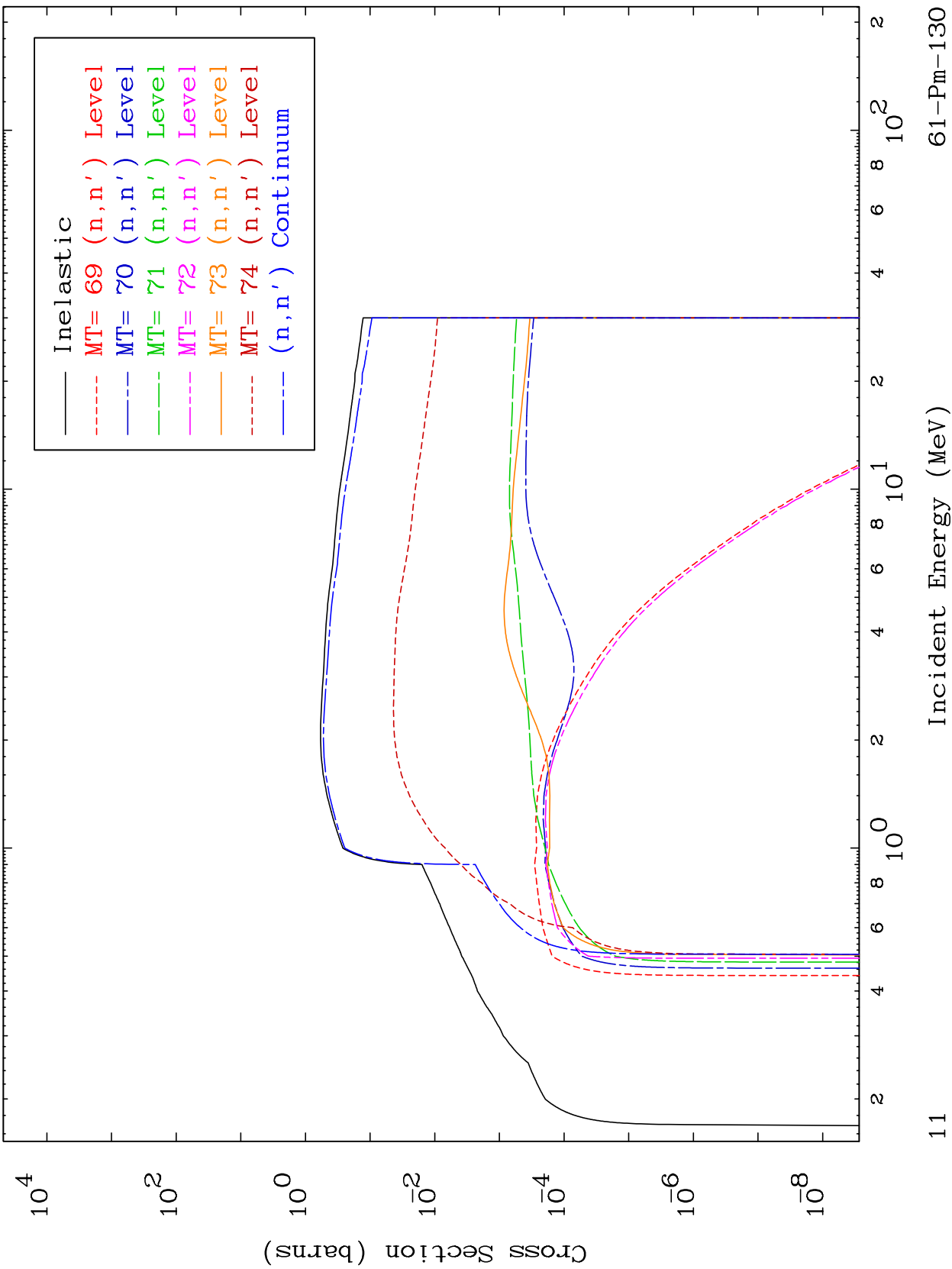
293 Kelvin Cross Sections



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Incident Energy (MeV)

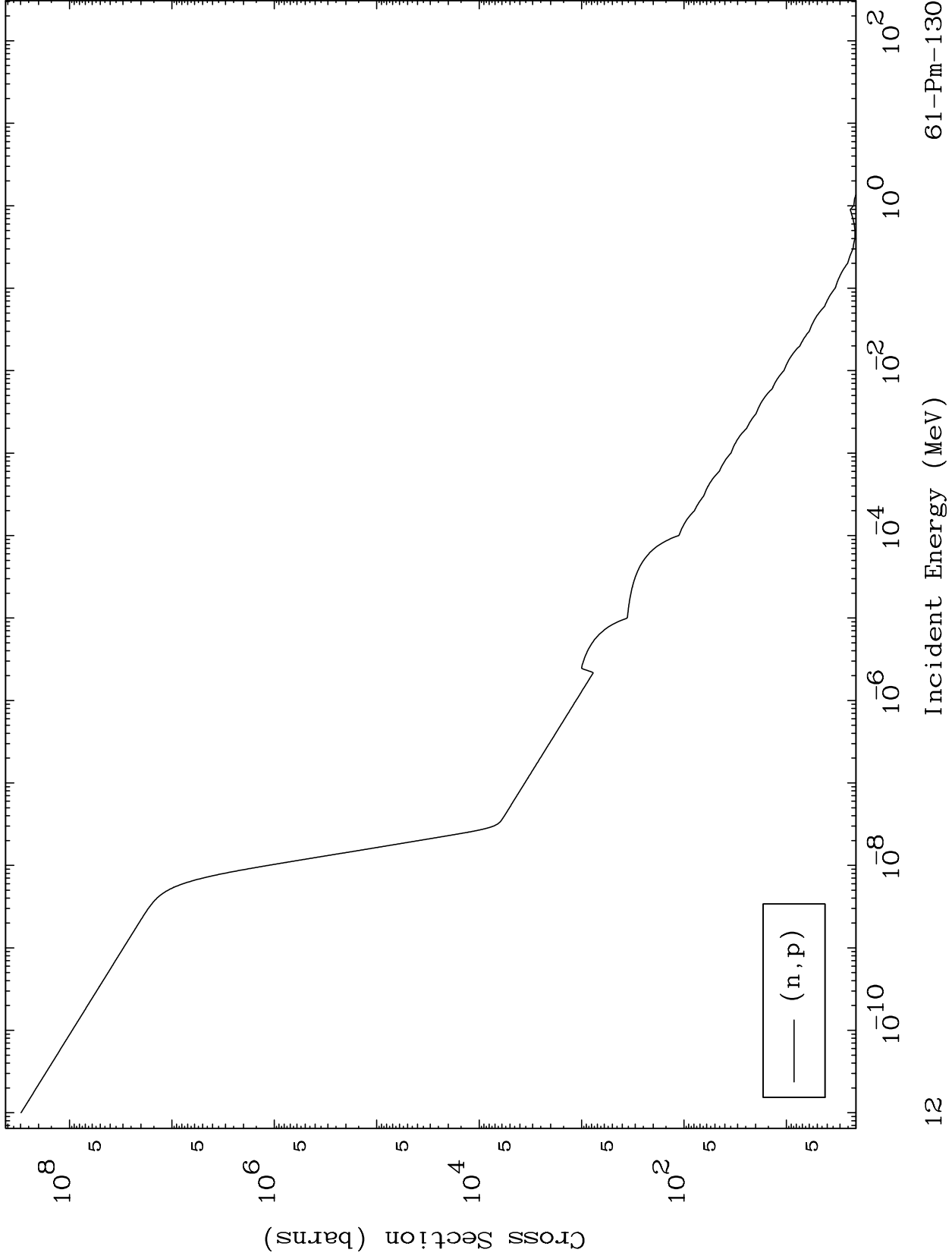
61-Pm-130



MAT 6098

(n,p) Levels
293 Kelvin Cross Sections

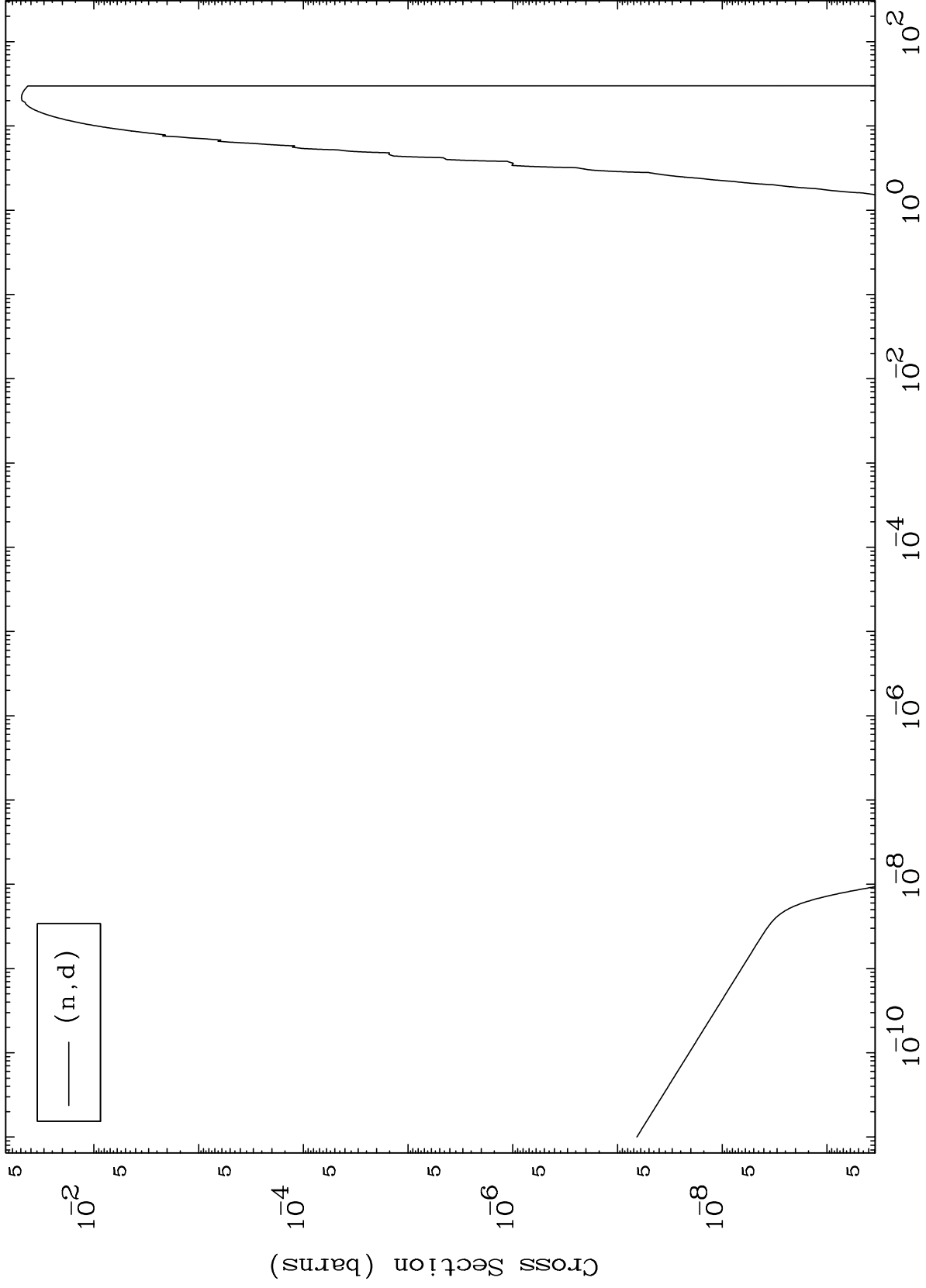
61-Pm-130



MAT 6098

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-130



13

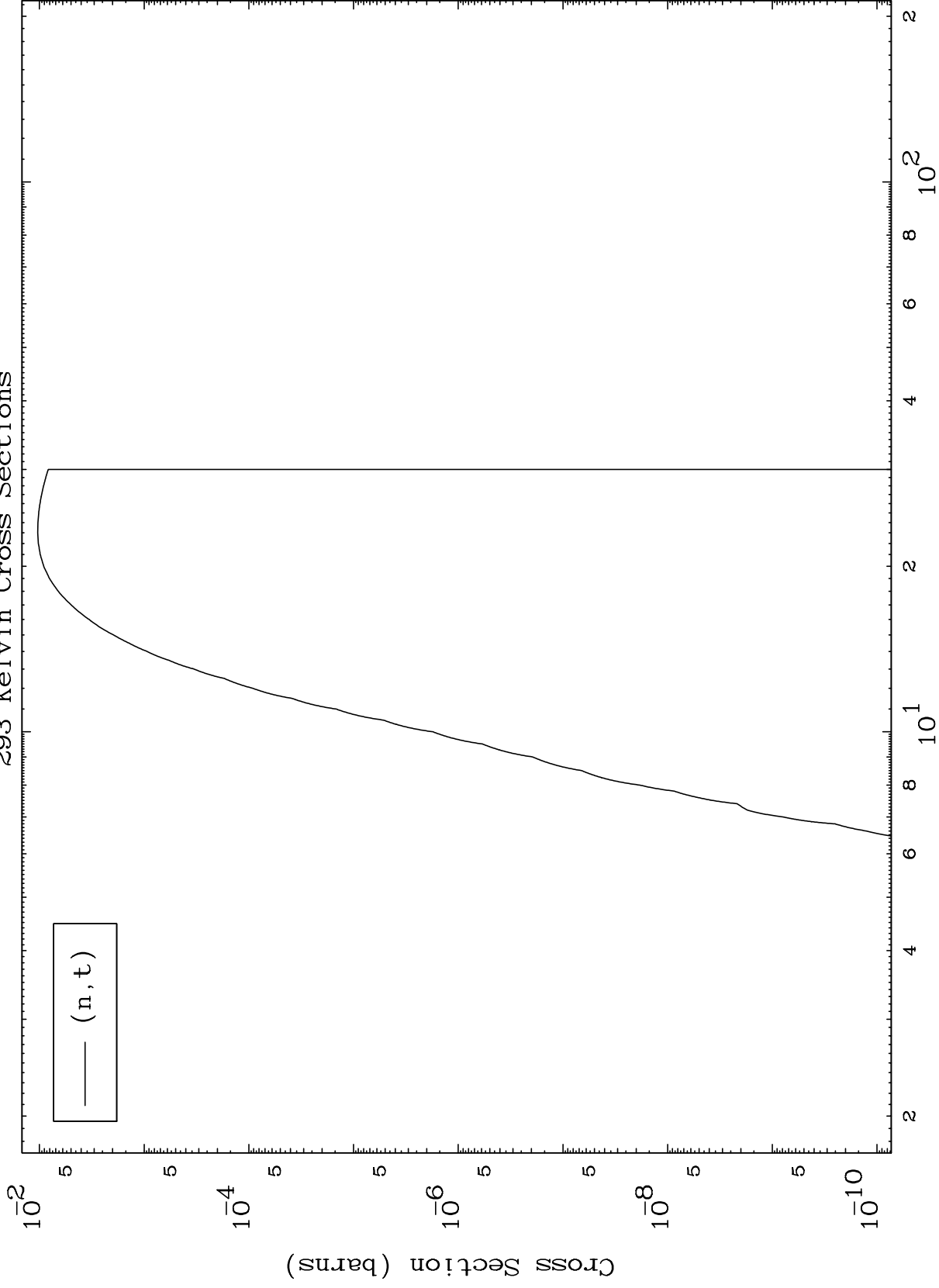
Incident Energy (MeV)

61-Pm-130

MAT 6098

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-130



14

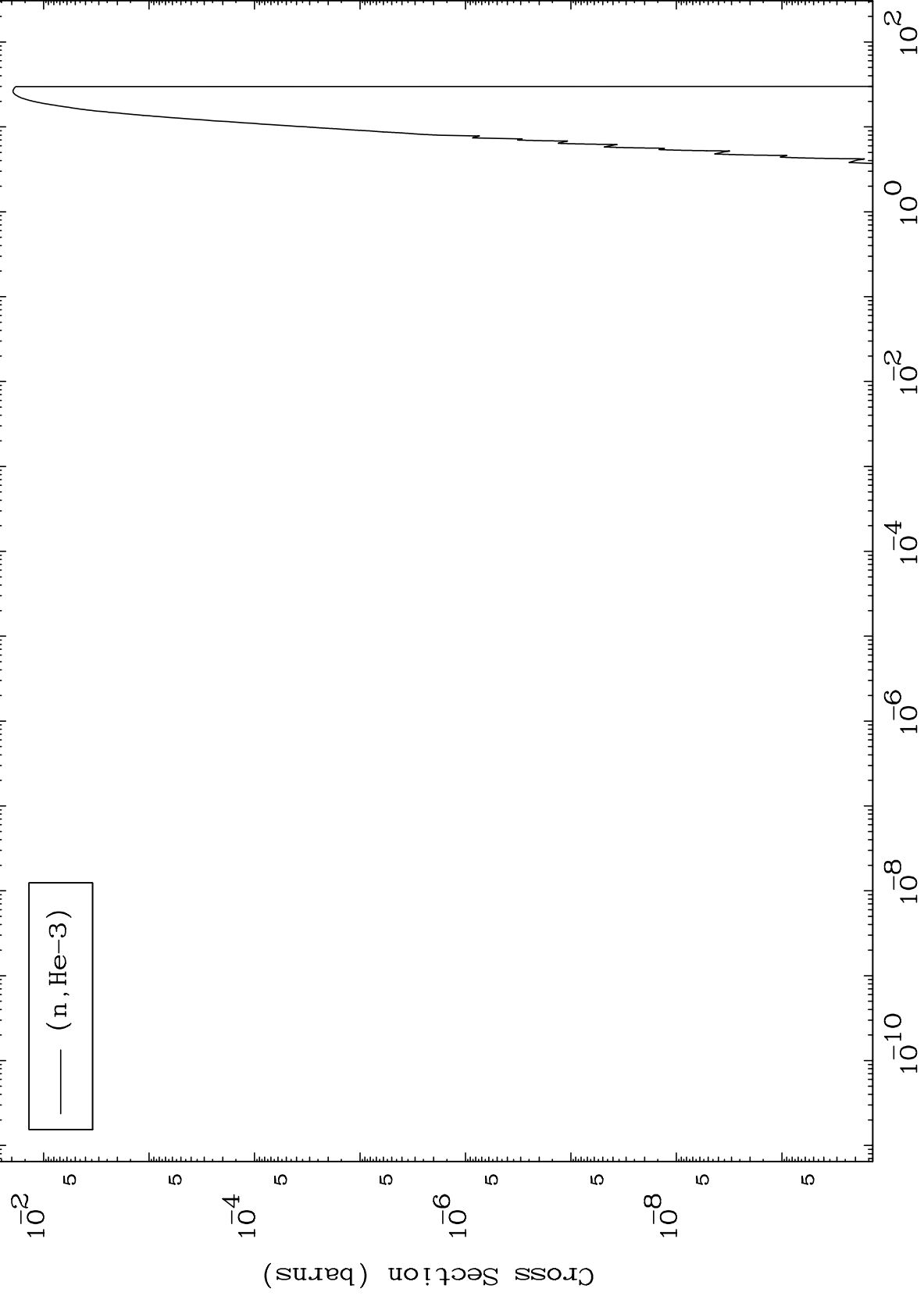
Incident Energy (MeV)

61-Pm-130

MAT 6098

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-130



15

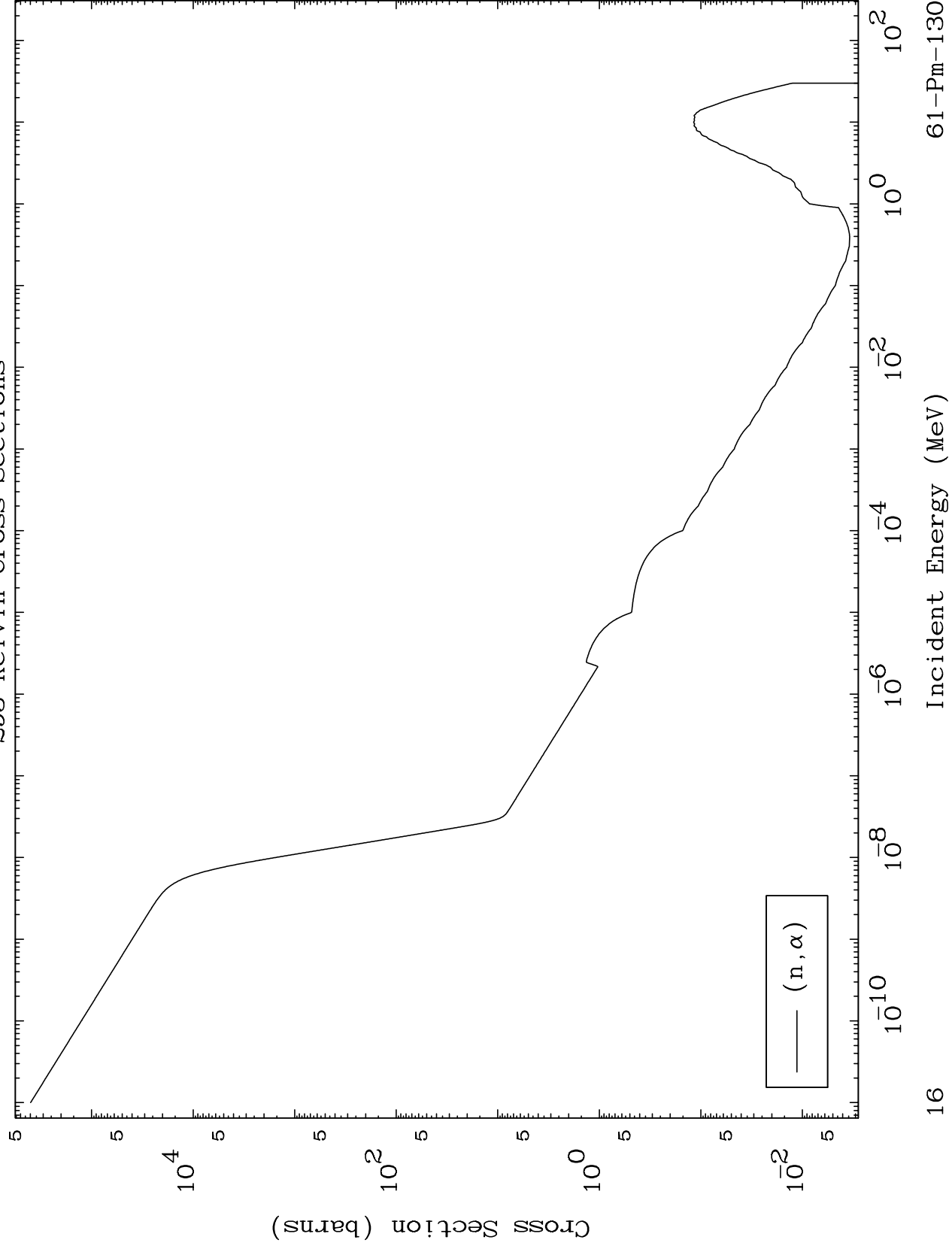
Incident Energy (MeV)

61-Pm-130

MAT 6098

(n,α) Levels
293 Kelvin Cross Sections

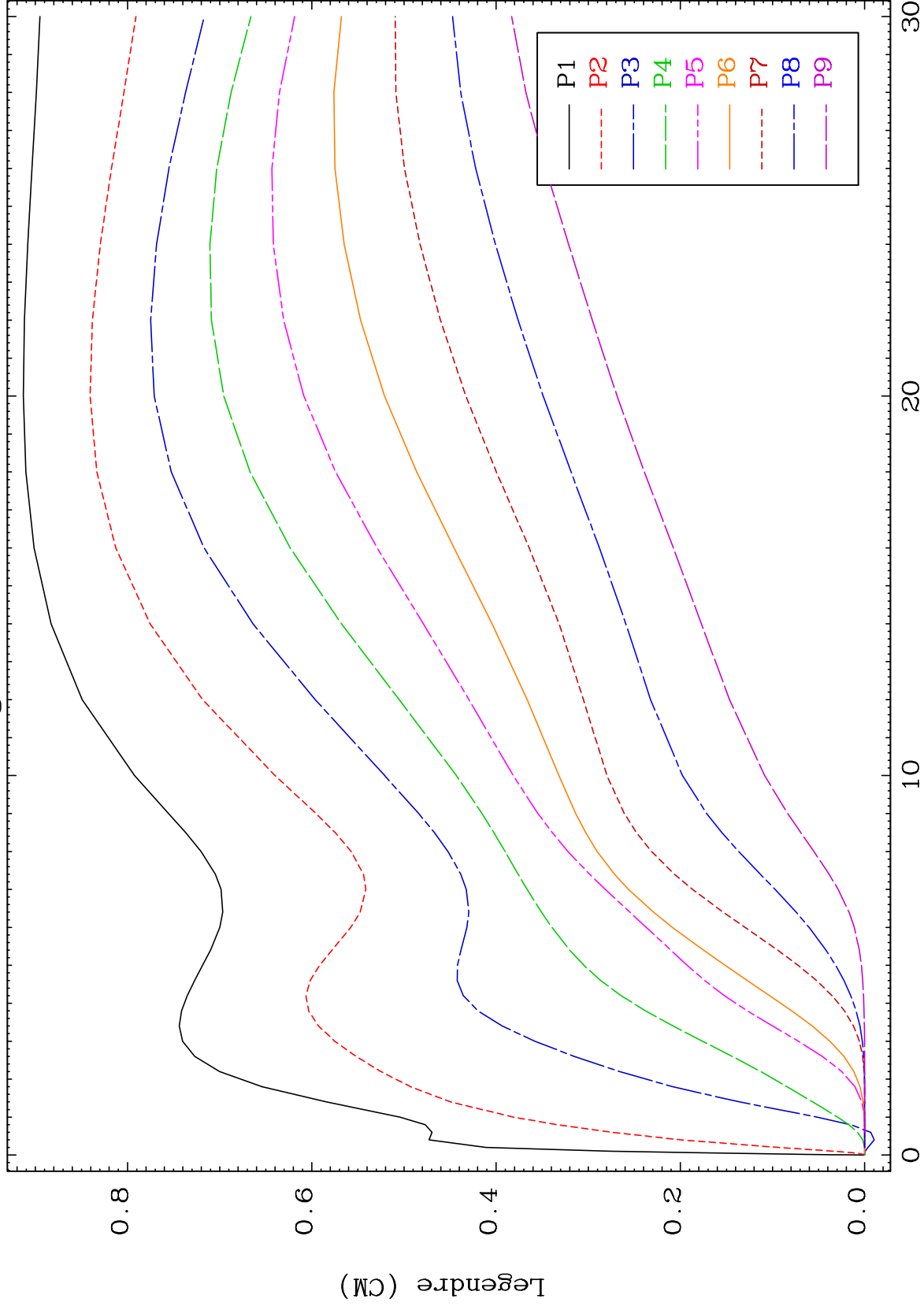
61-Pm-130



MAT 6098

Elastic Legendre Coefficients

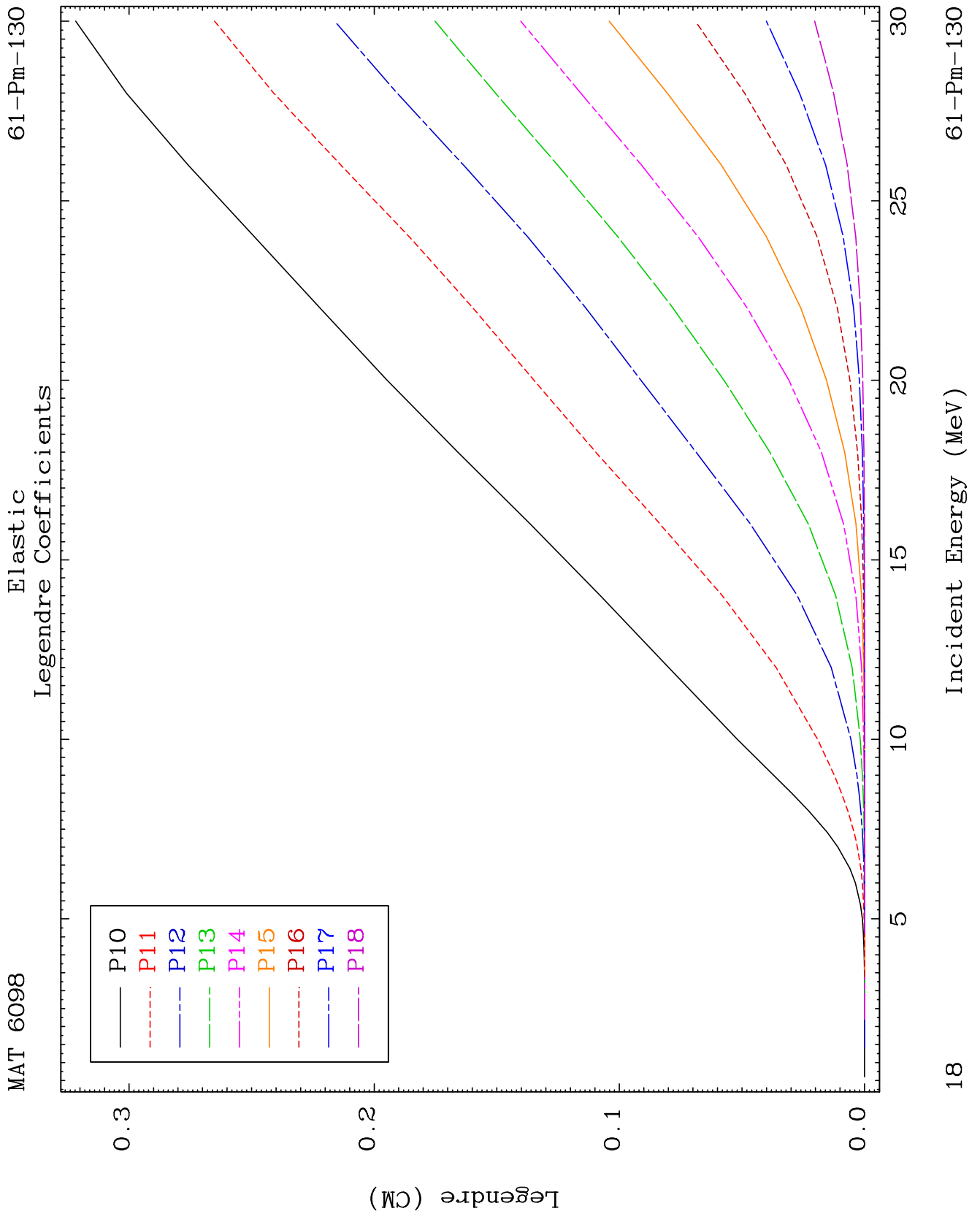
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Incident Energy (MeV)

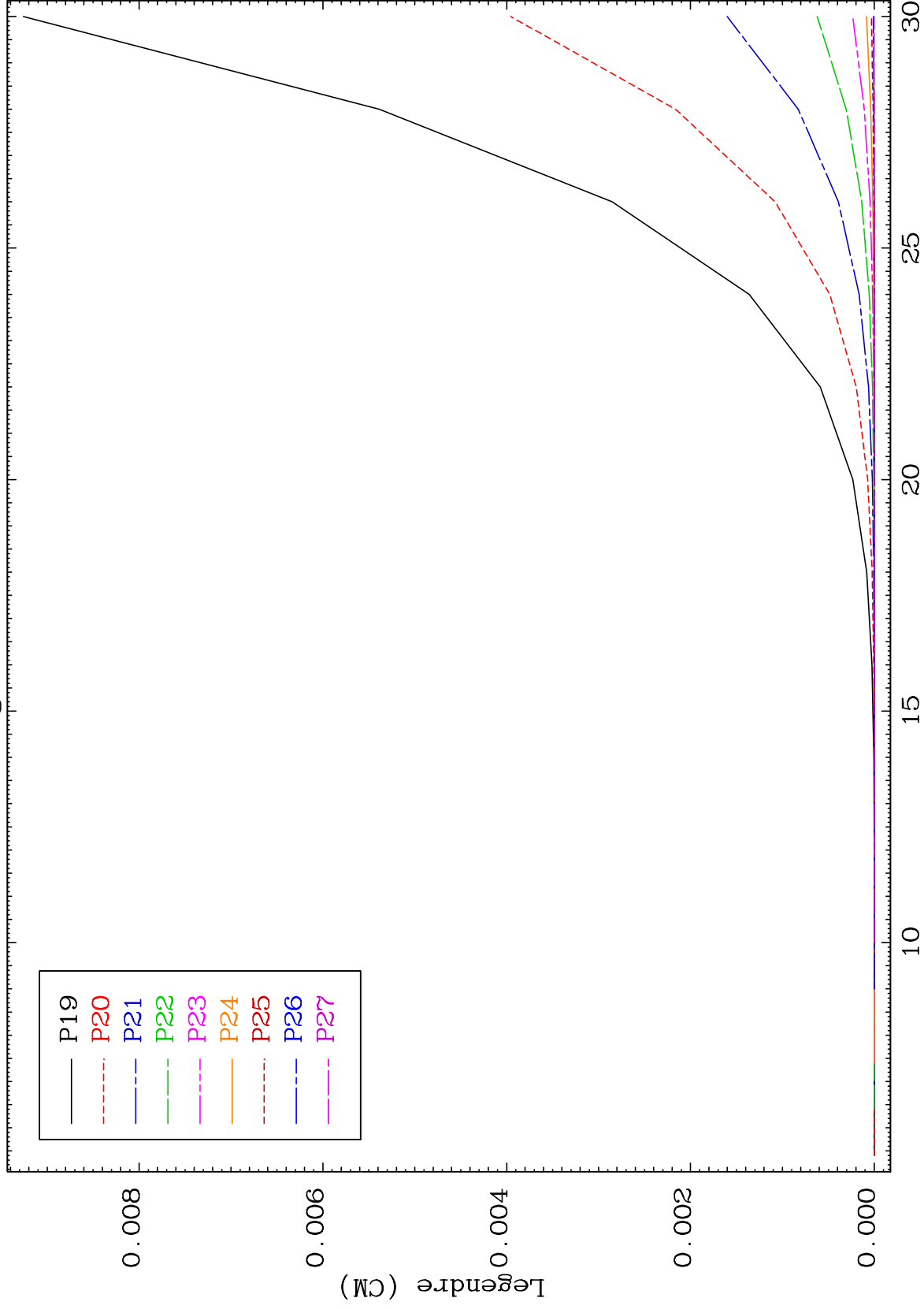
61-Pm-130



MAT 6098

Elastic Legendre Coefficients

61-Pm-130



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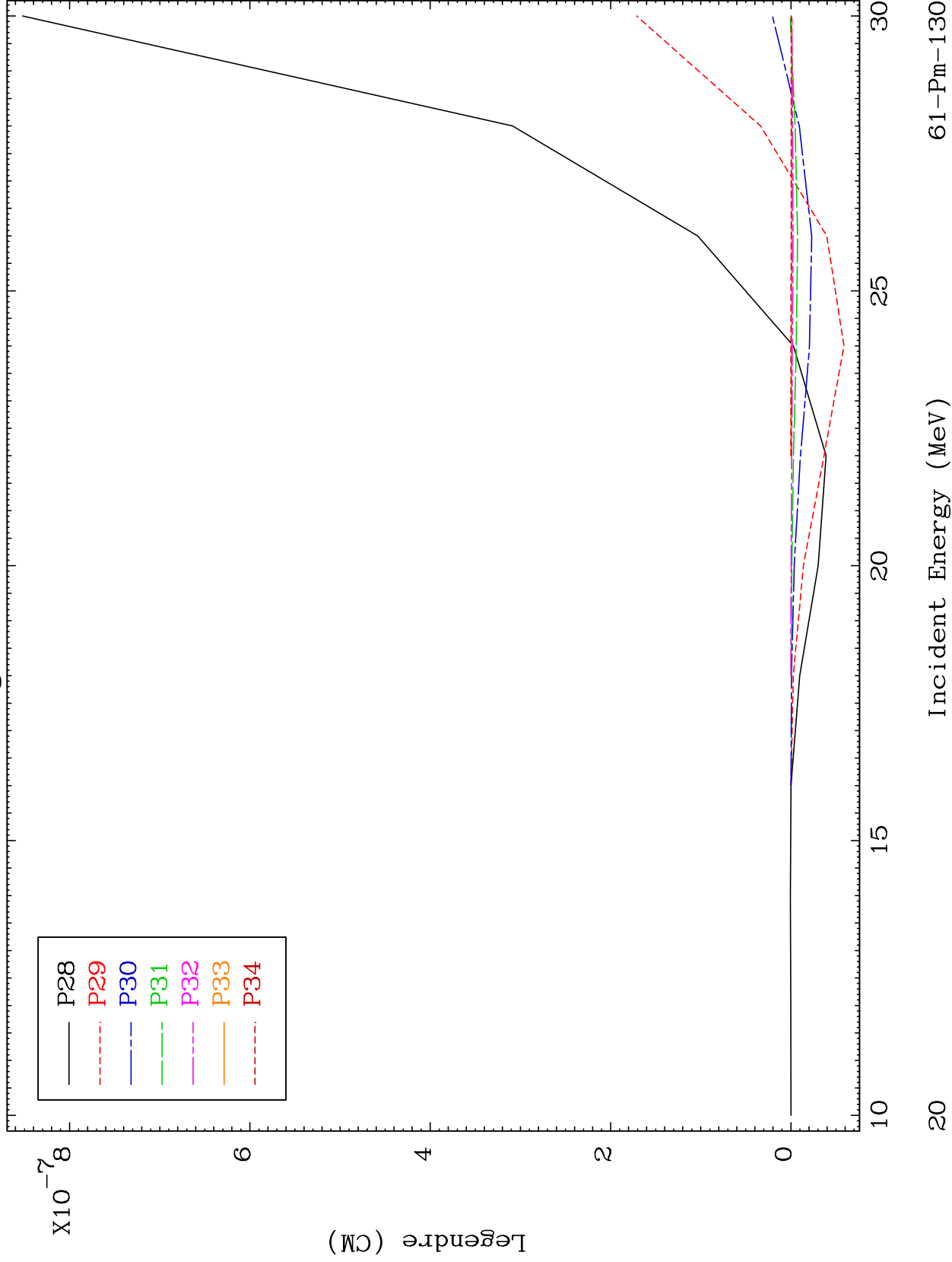
Incident Energy (MeV)

61-Pm-130

MAT 6098

Elastic Legendre Coefficients

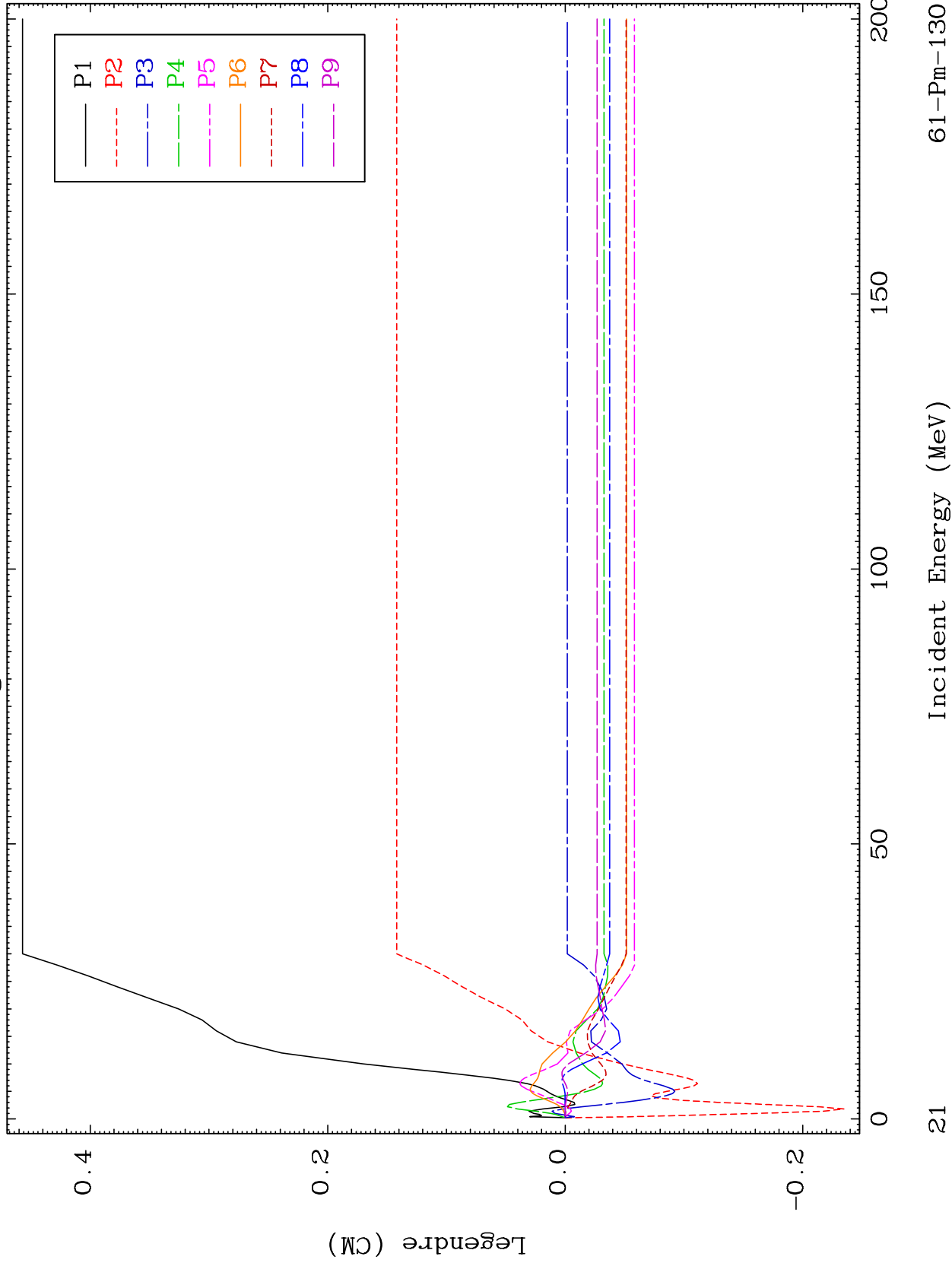
61-Pm-130



MAT 6098

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

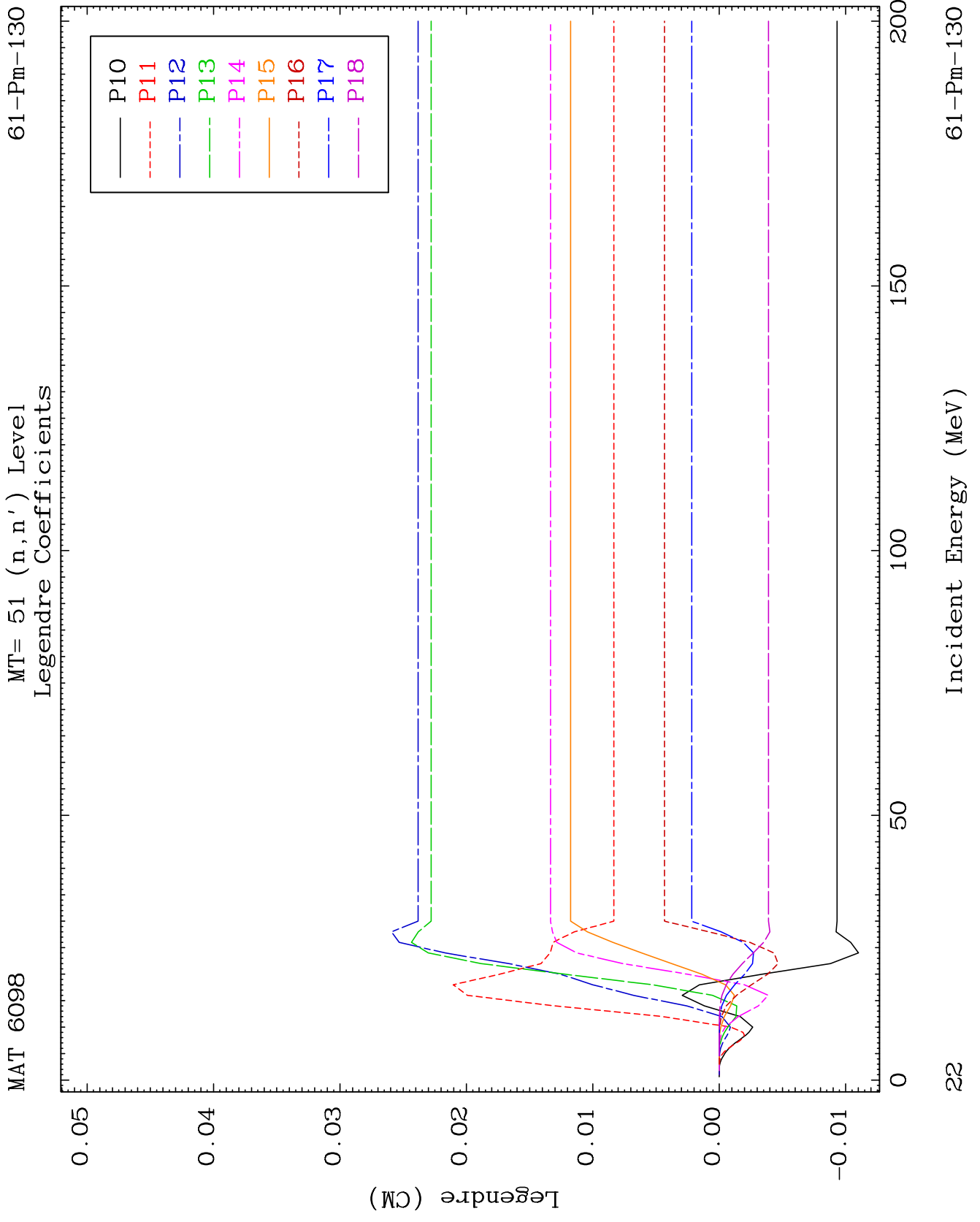
61-Pm-130



61-Pm-130

Incident Energy (MeV)

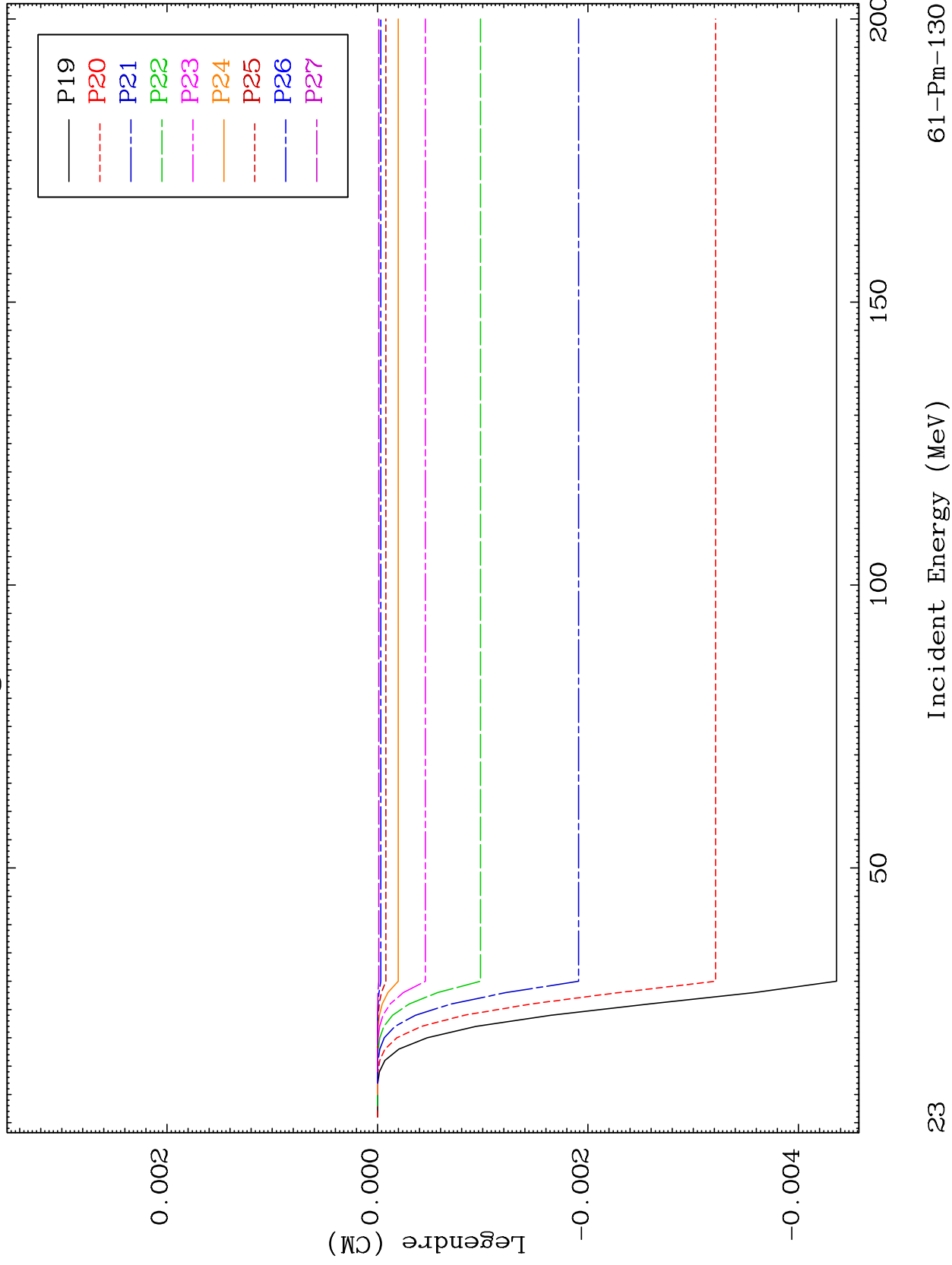
21



MAT 6098

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

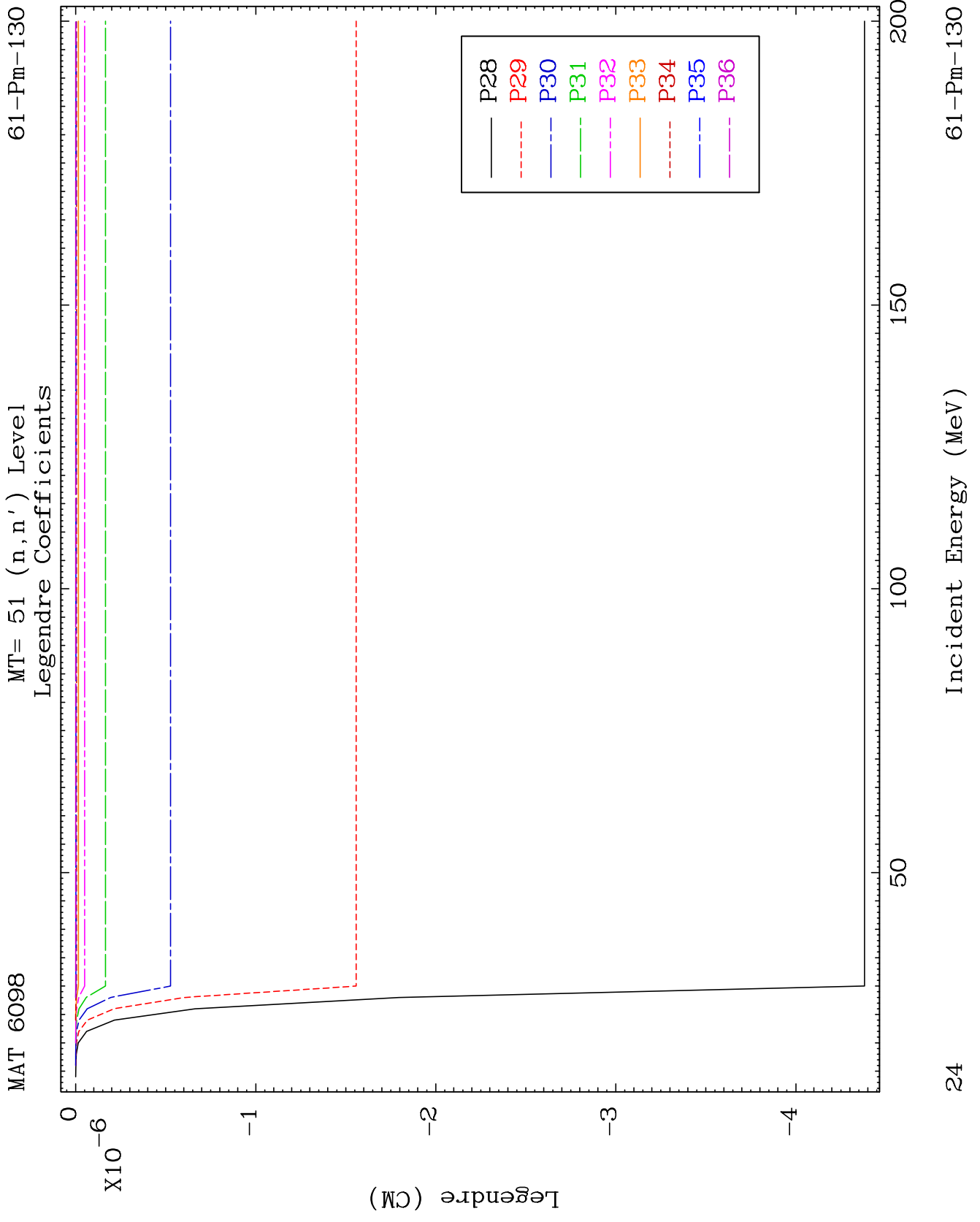
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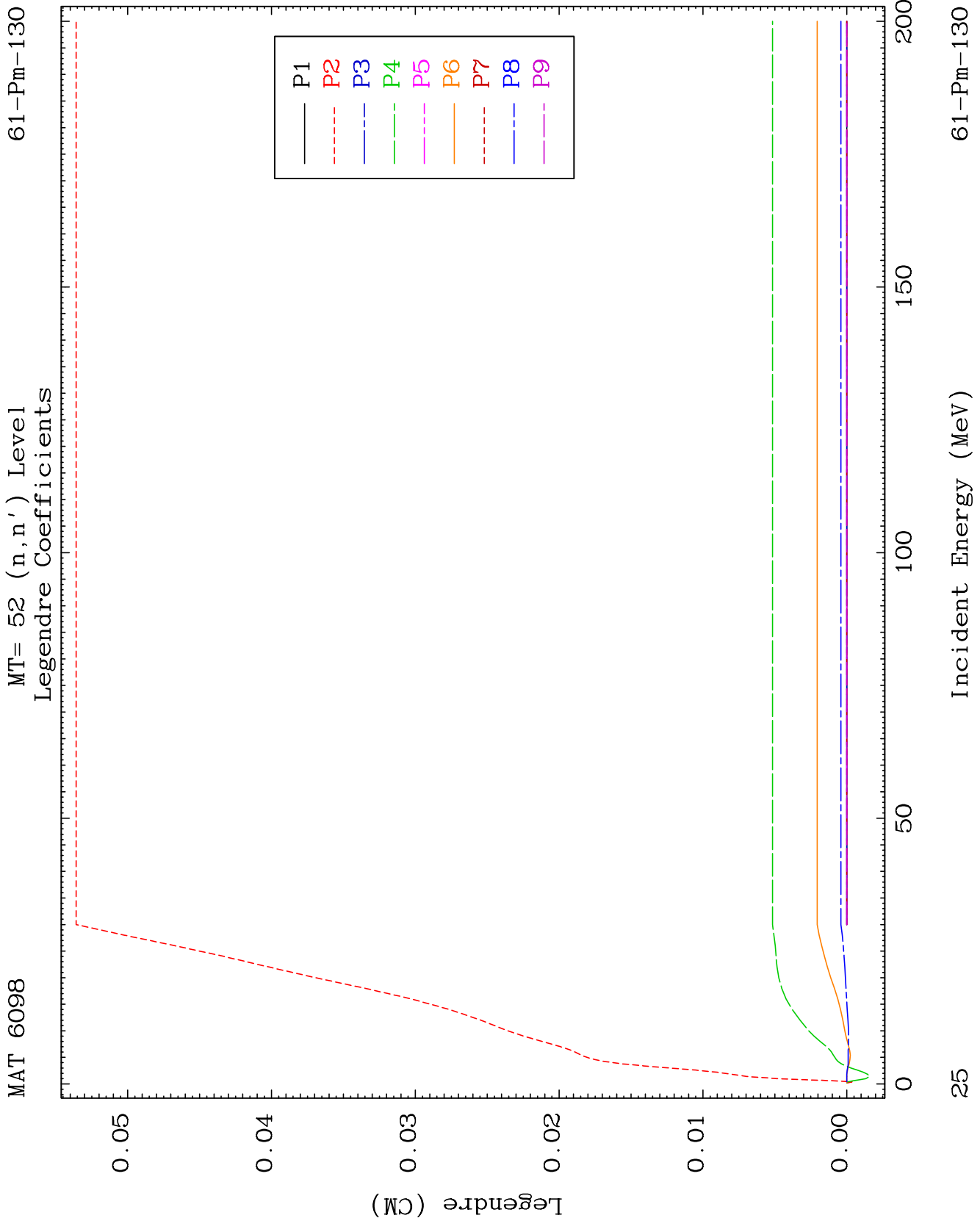


23

Incident Energy (MeV)

61-Pm-130

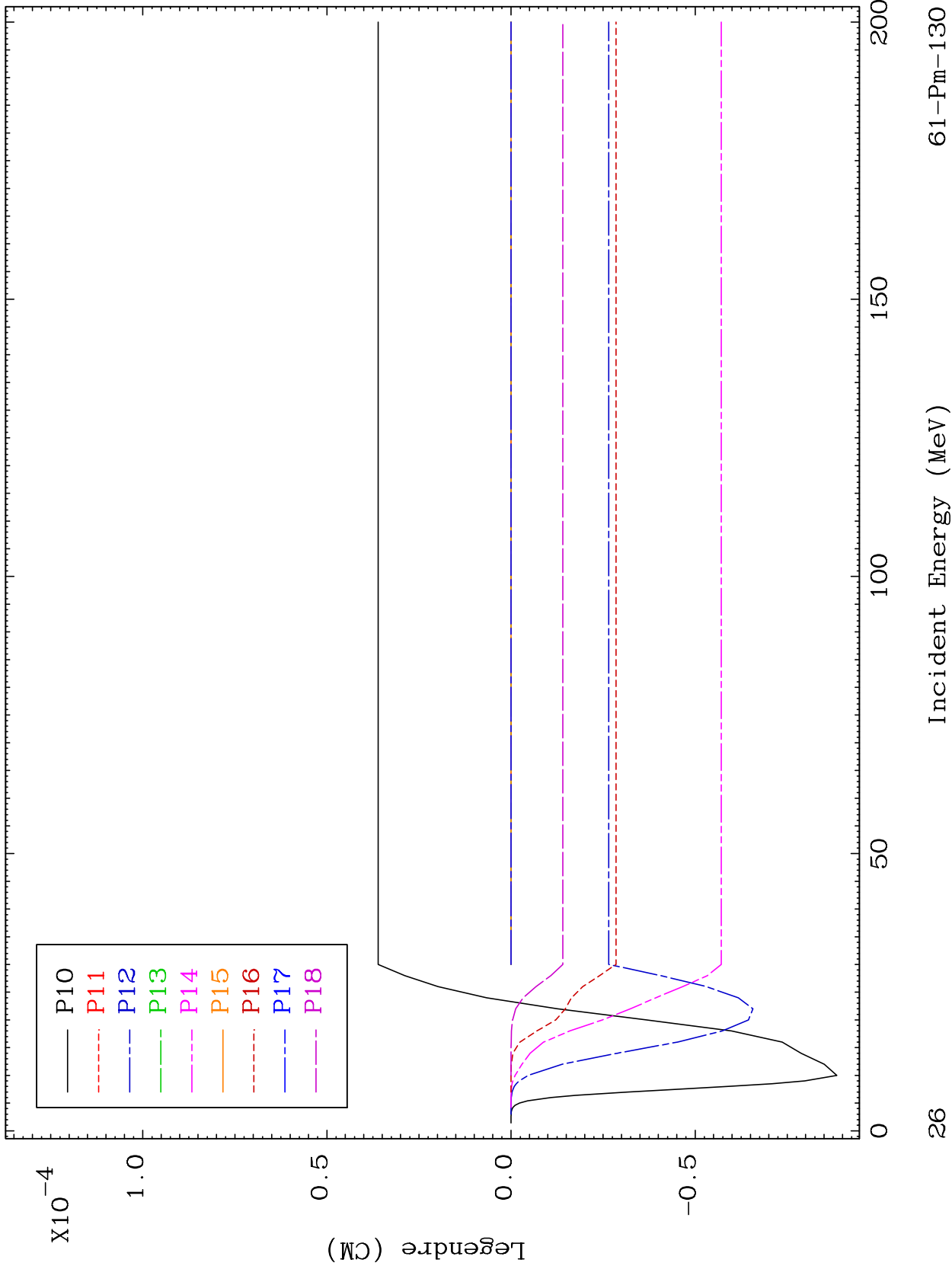




MAT 6098

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

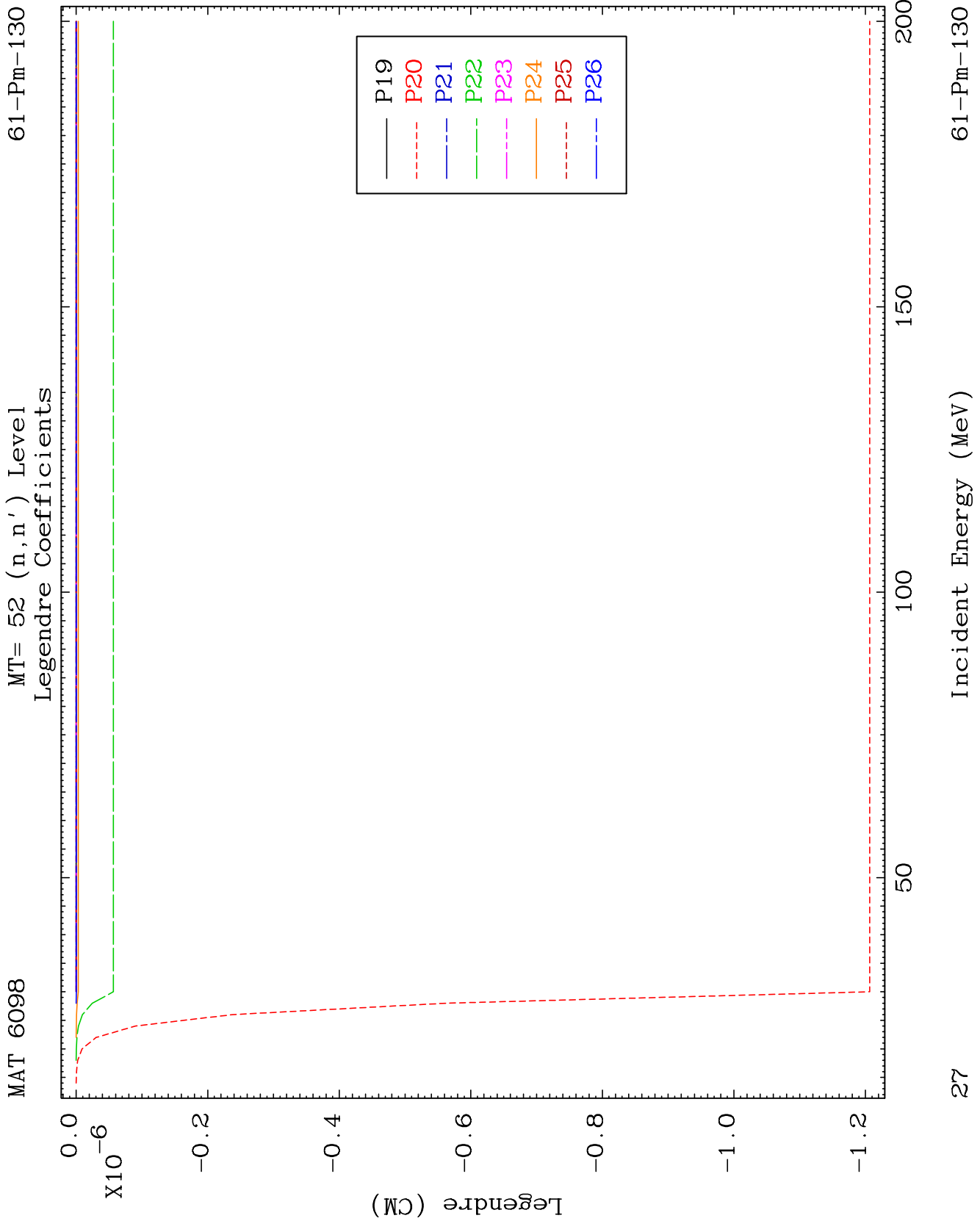
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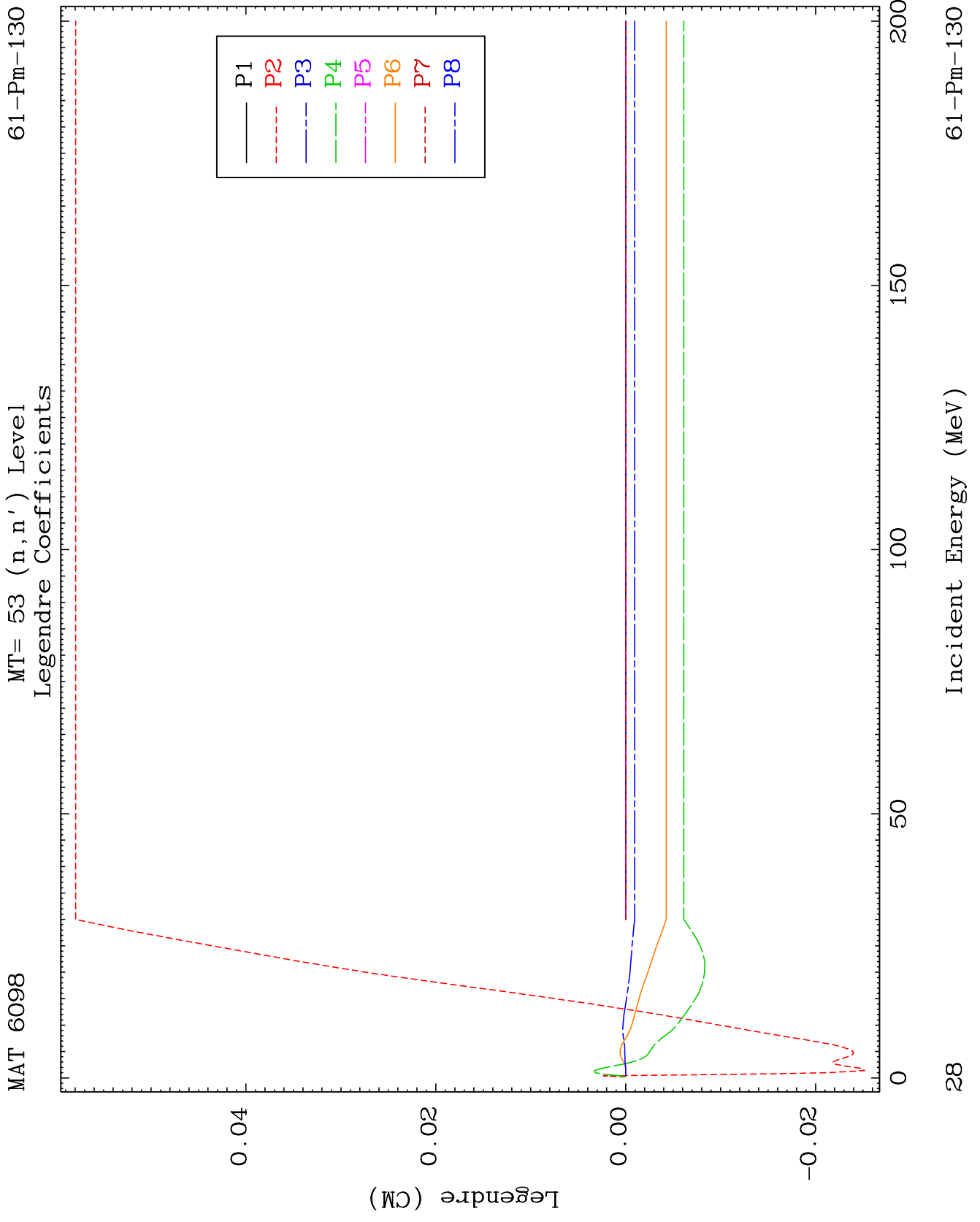


26

Incident Energy (MeV)

61-Pm-130

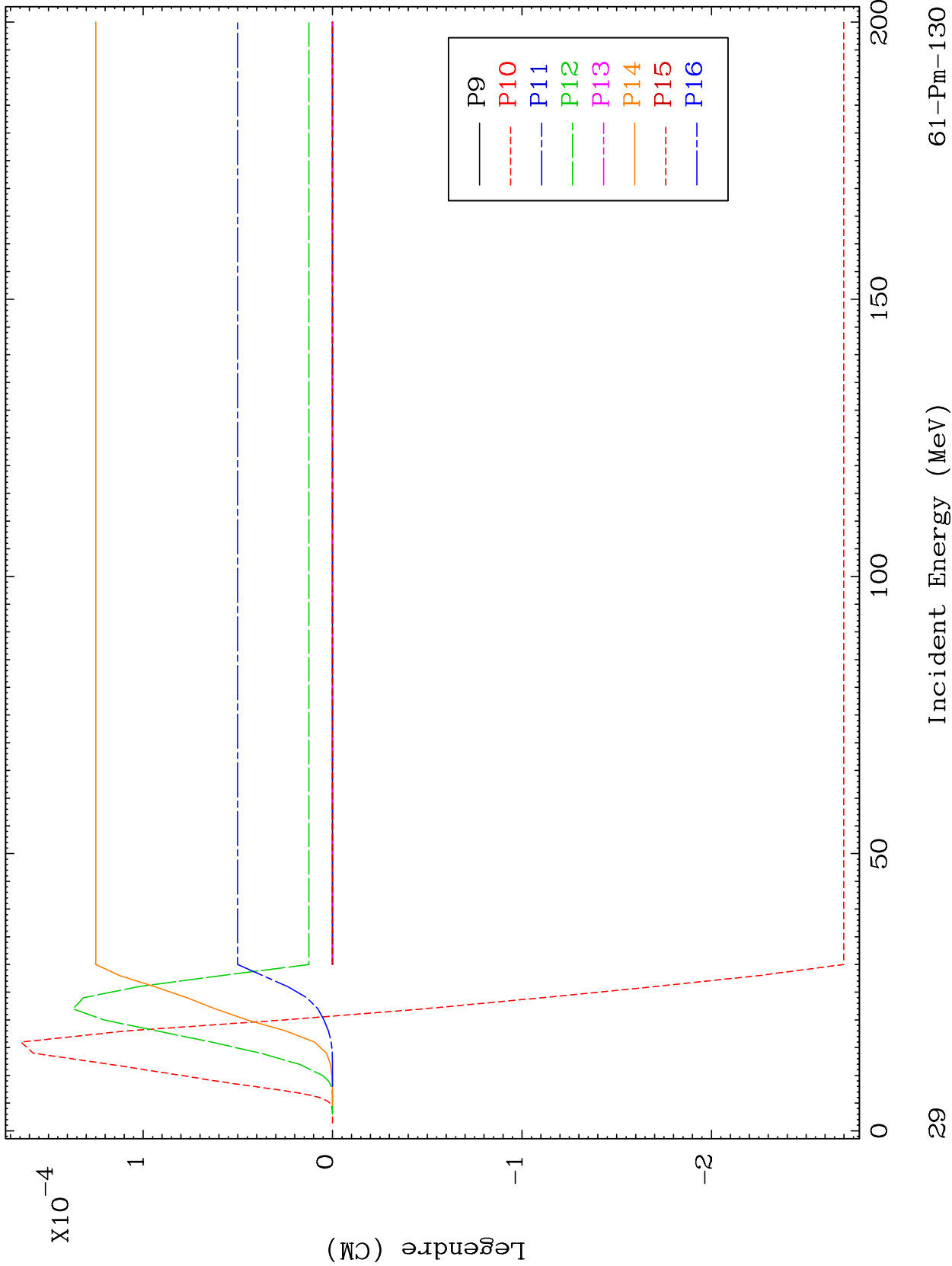




MAT 6098

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

61-Pm-130



61-Pm-130

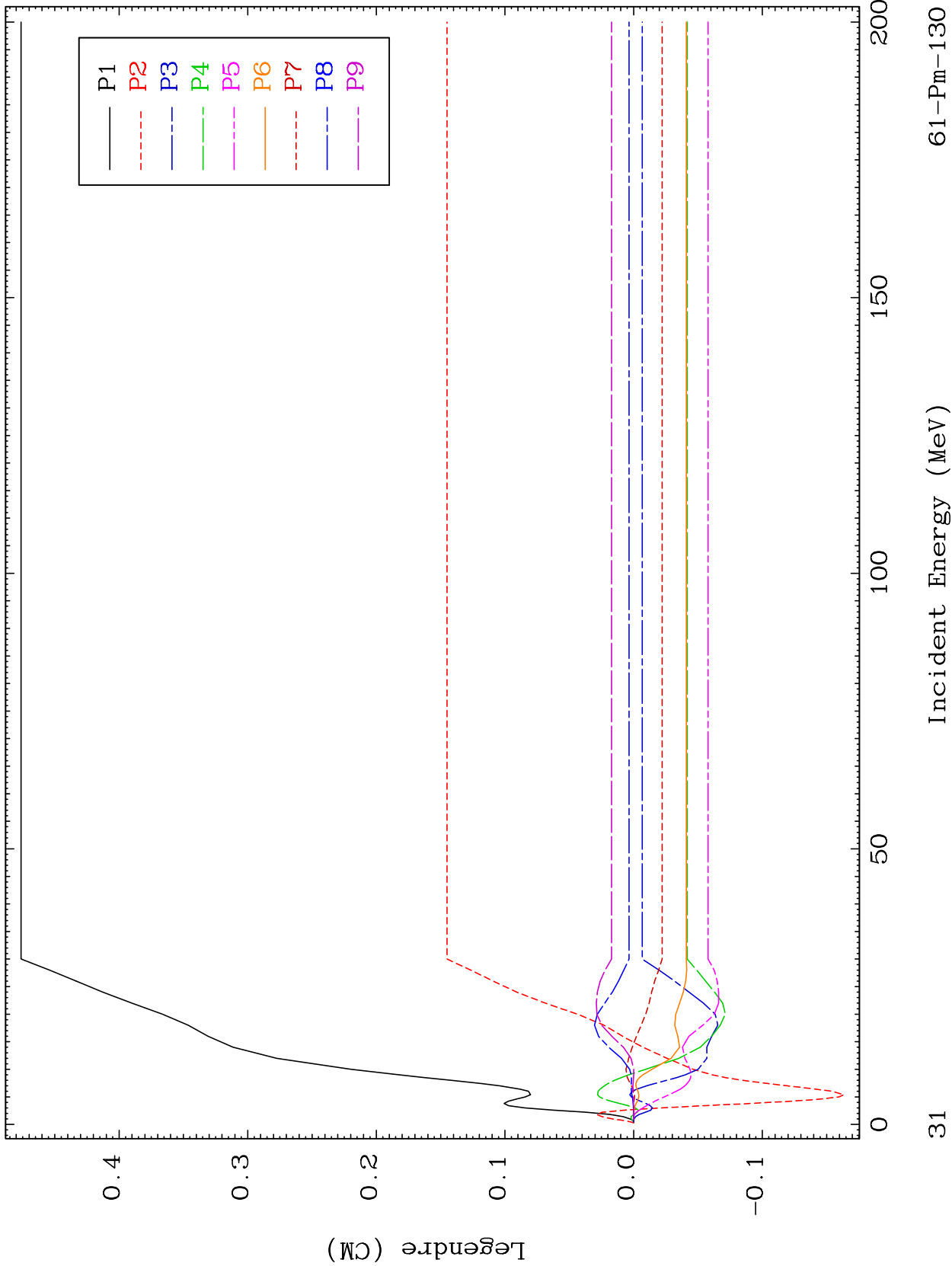
Incident Energy (MeV)

29

MAT 6098

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

61-Pm-130



31

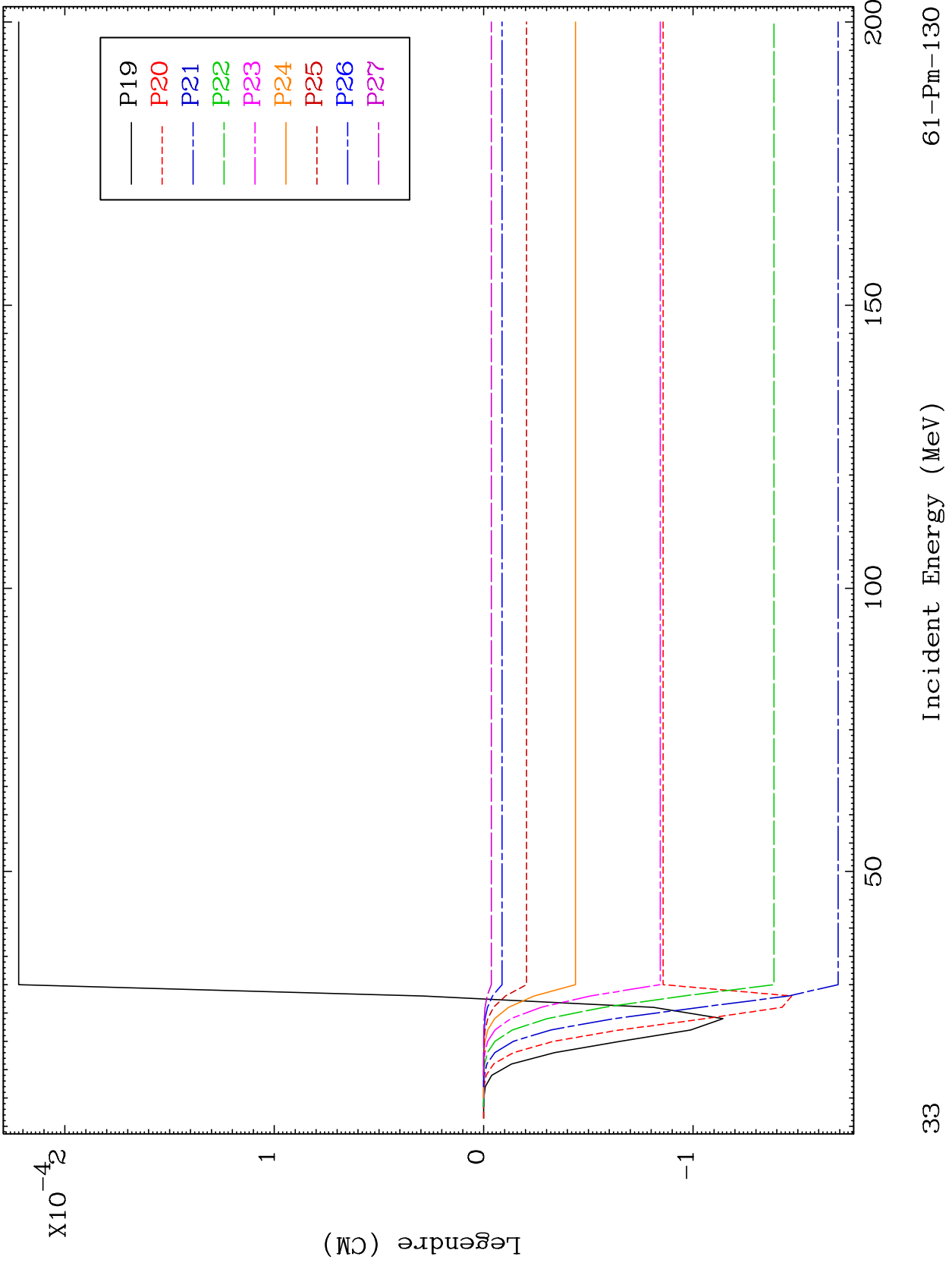
Incident Energy (MeV)

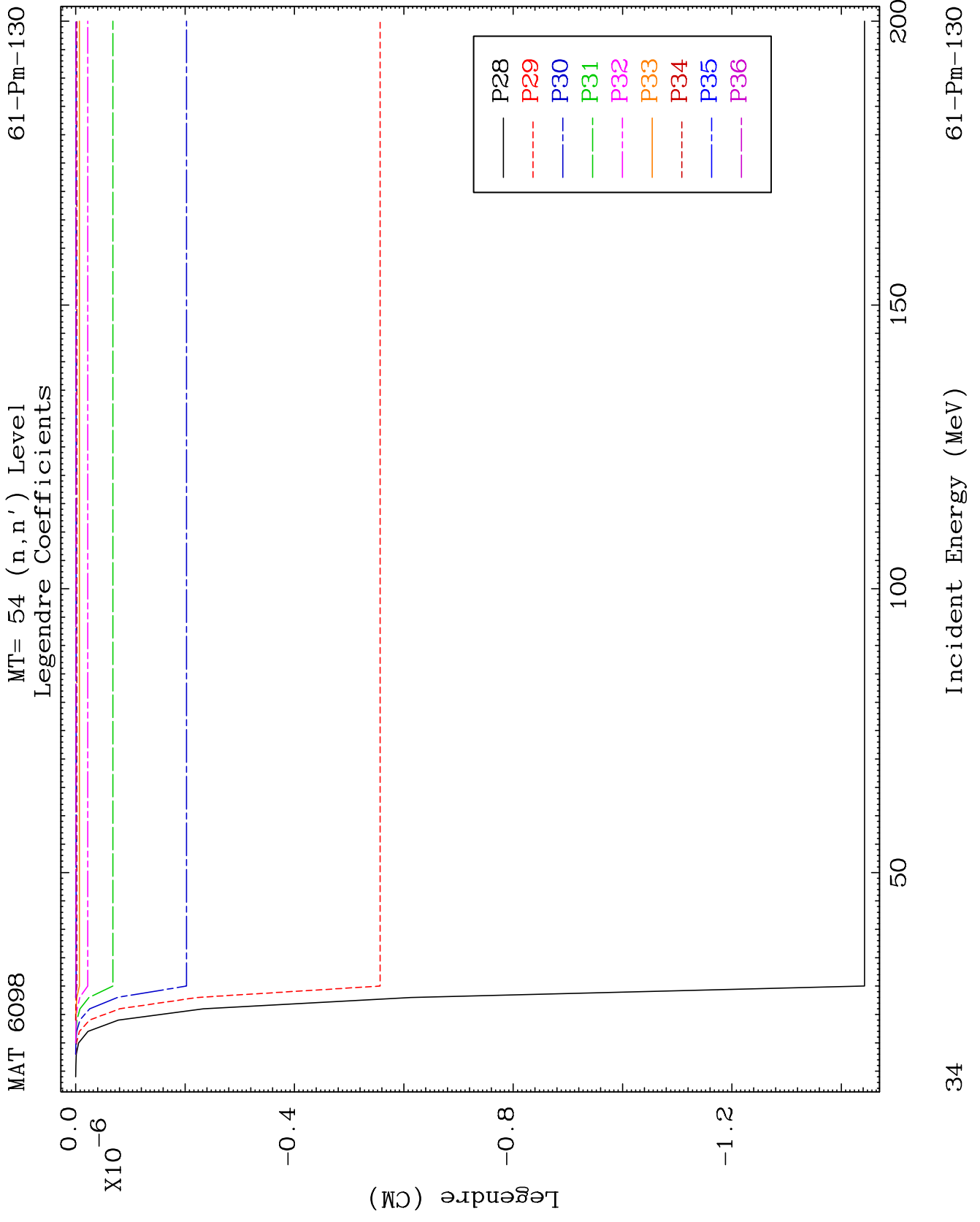
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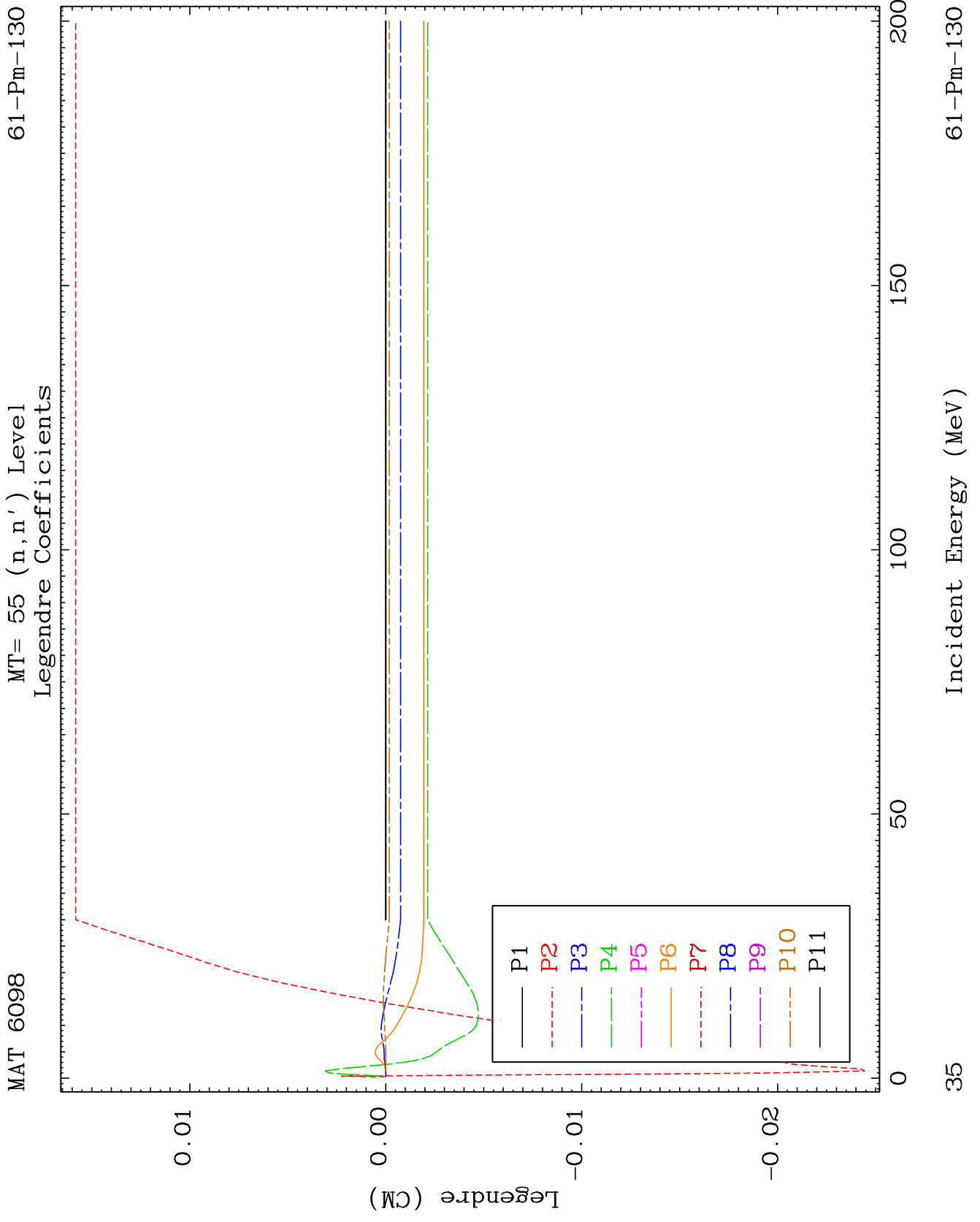
MAT 6098

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

61-Pm-130



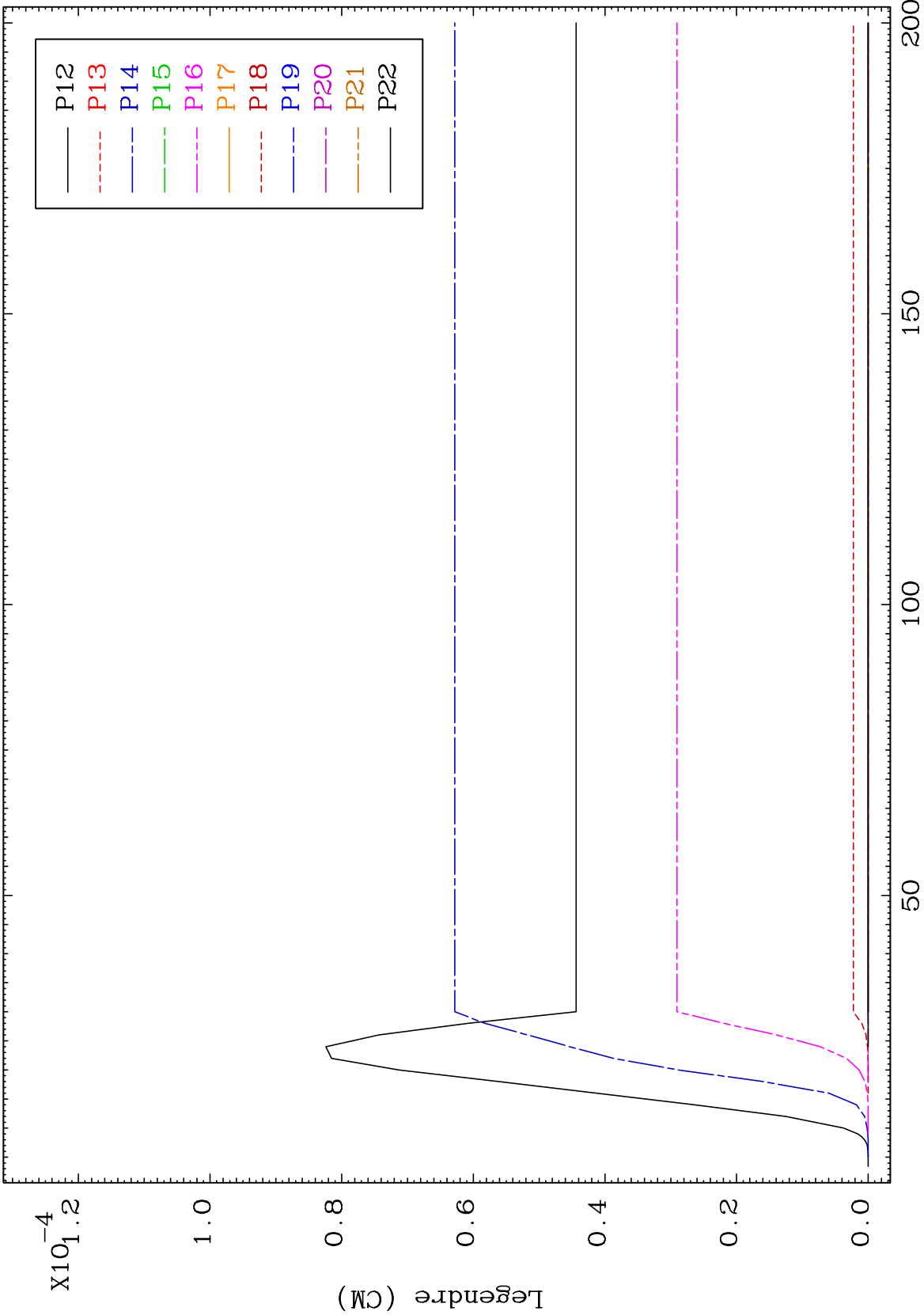




MAT 6098

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

61-Pm-130



36

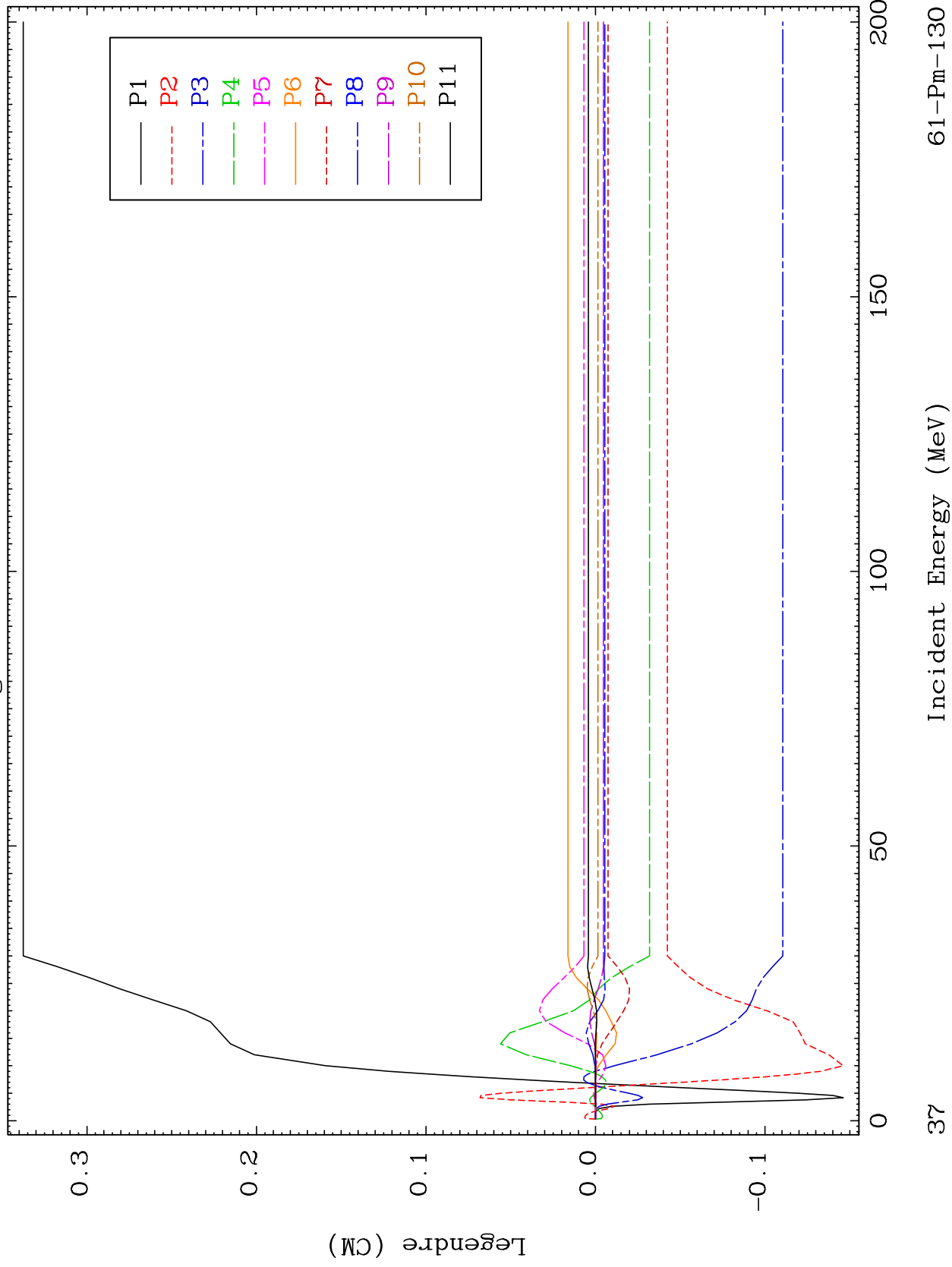
Incident Energy (MeV)

61-Pm-130

MAT 6098

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

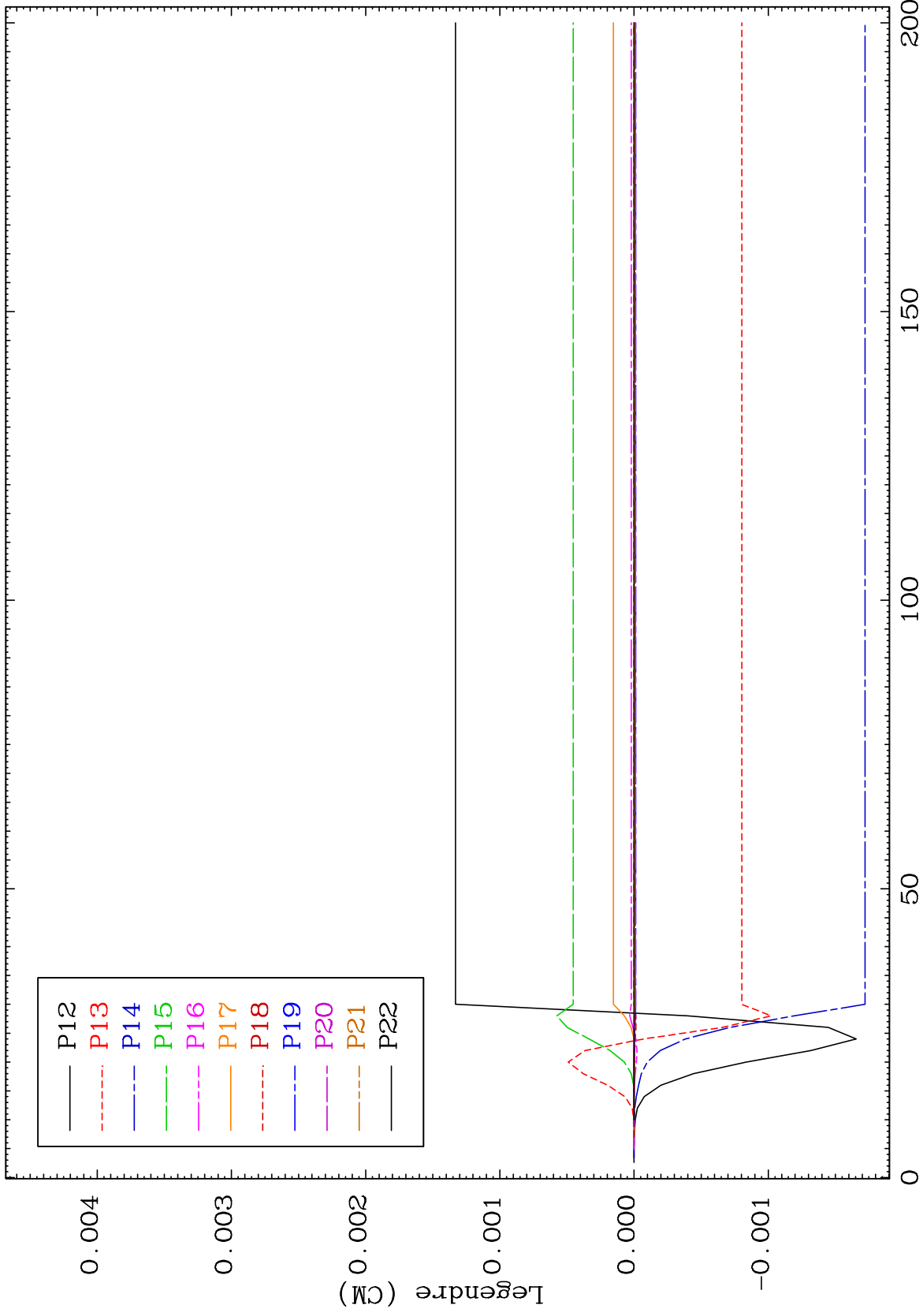
61-Pm-130



37

Incident Energy (MeV)

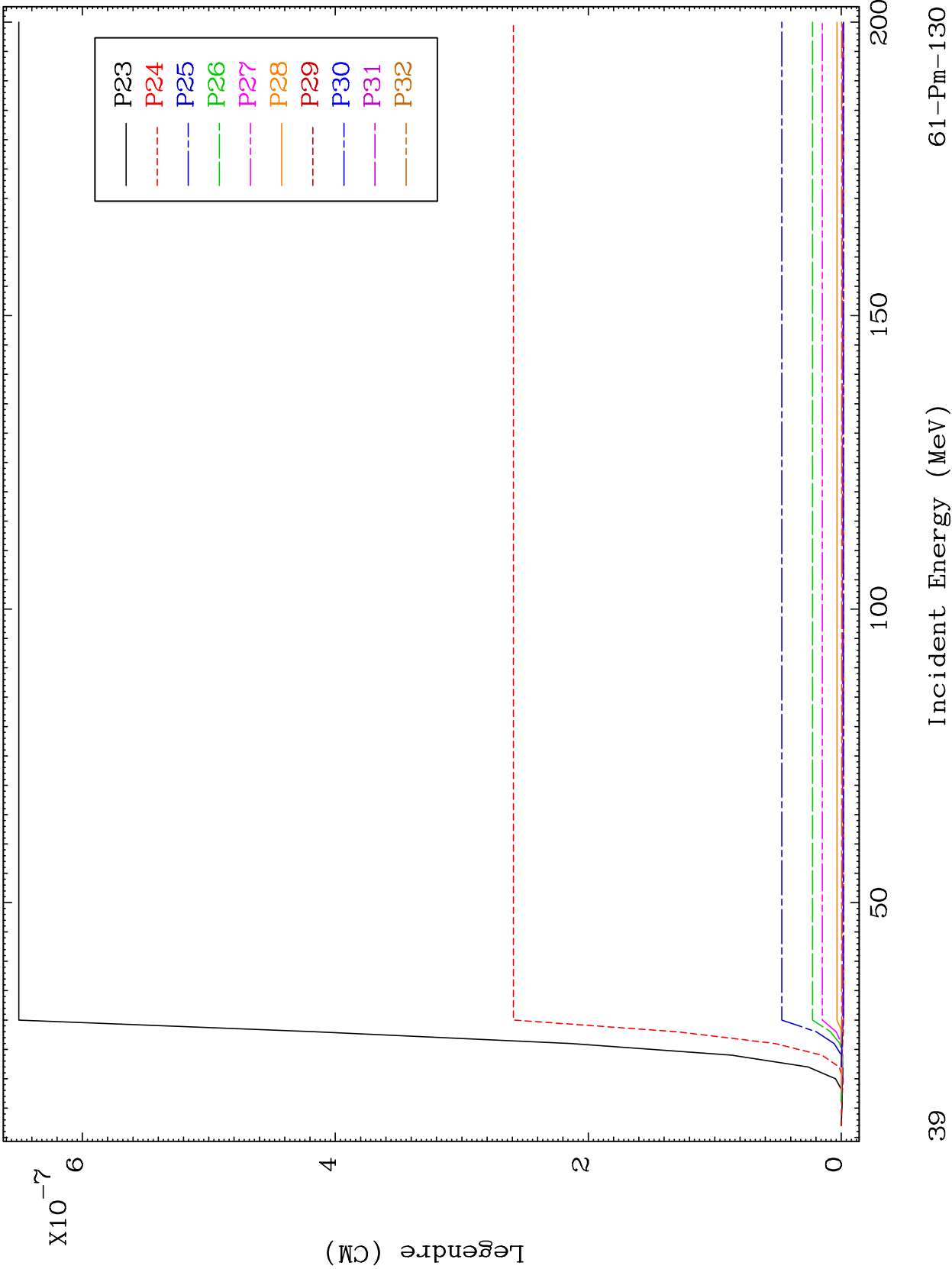
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MAT 6098

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

61-Pm-130



39

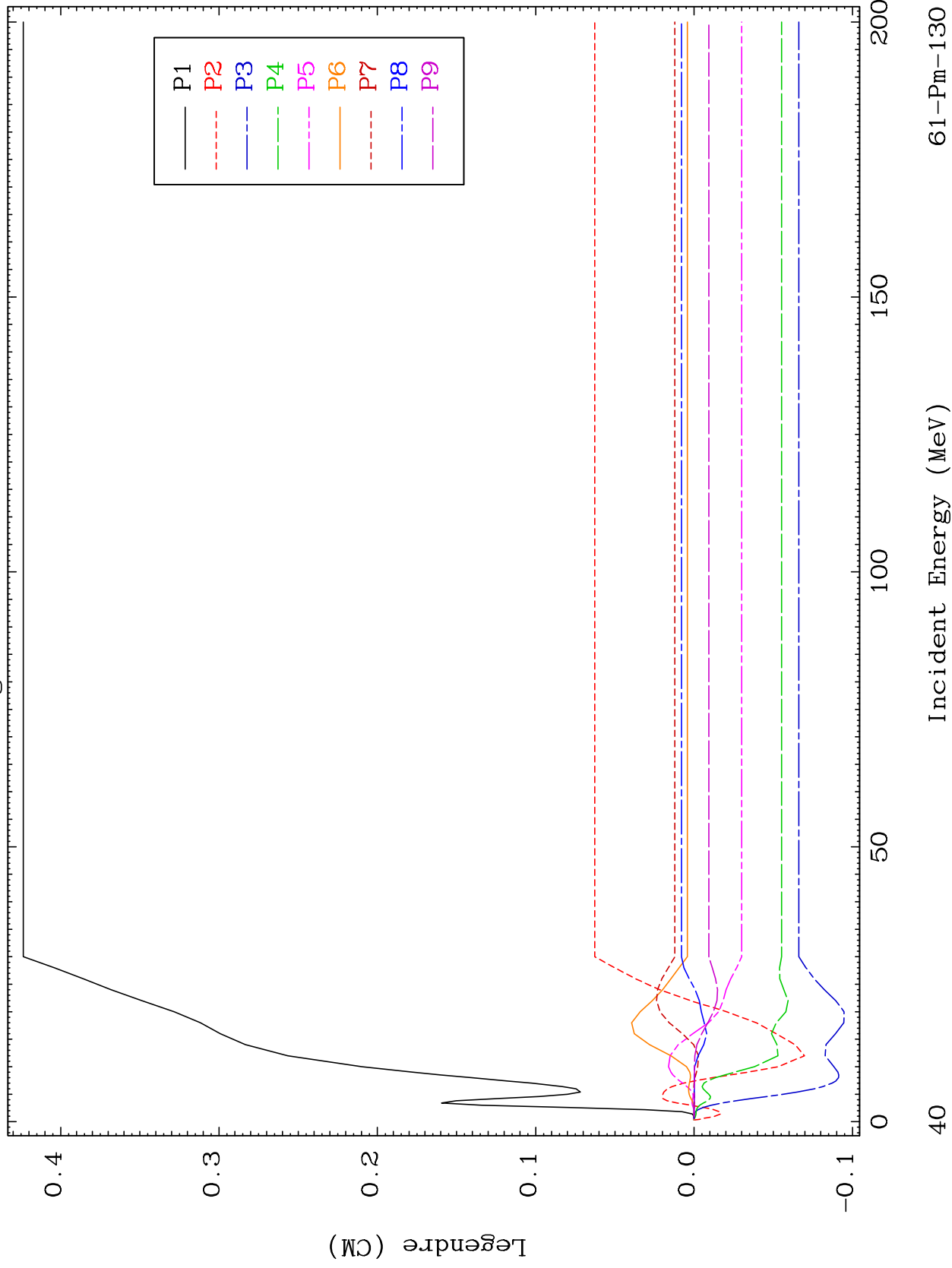
Incident Energy (MeV)

61-Pm-130

MAT 6098

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

61-Pm-130



61-Pm-130

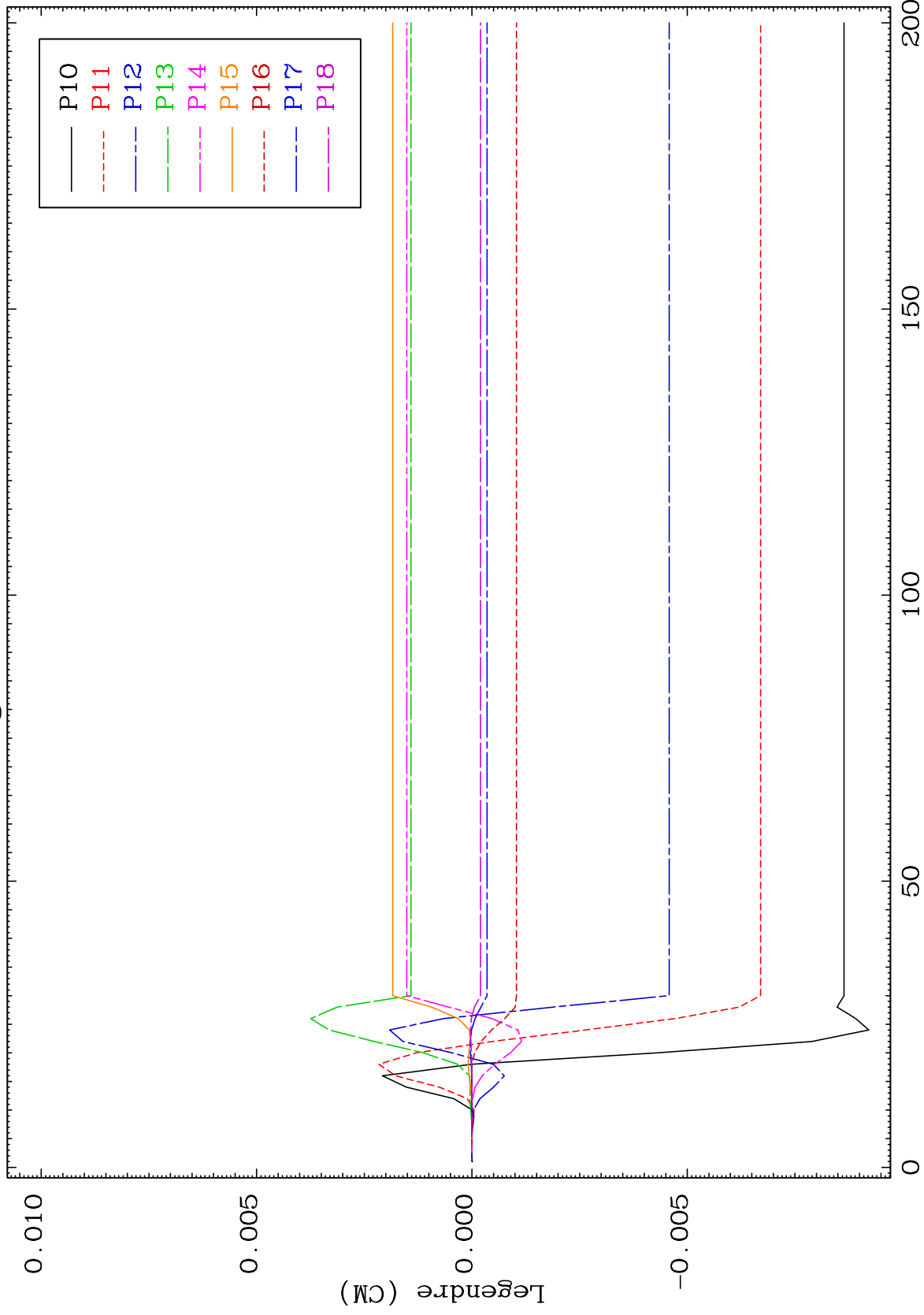
Incident Energy (MeV)

40

MAT 6098

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

61-Pm-130



41

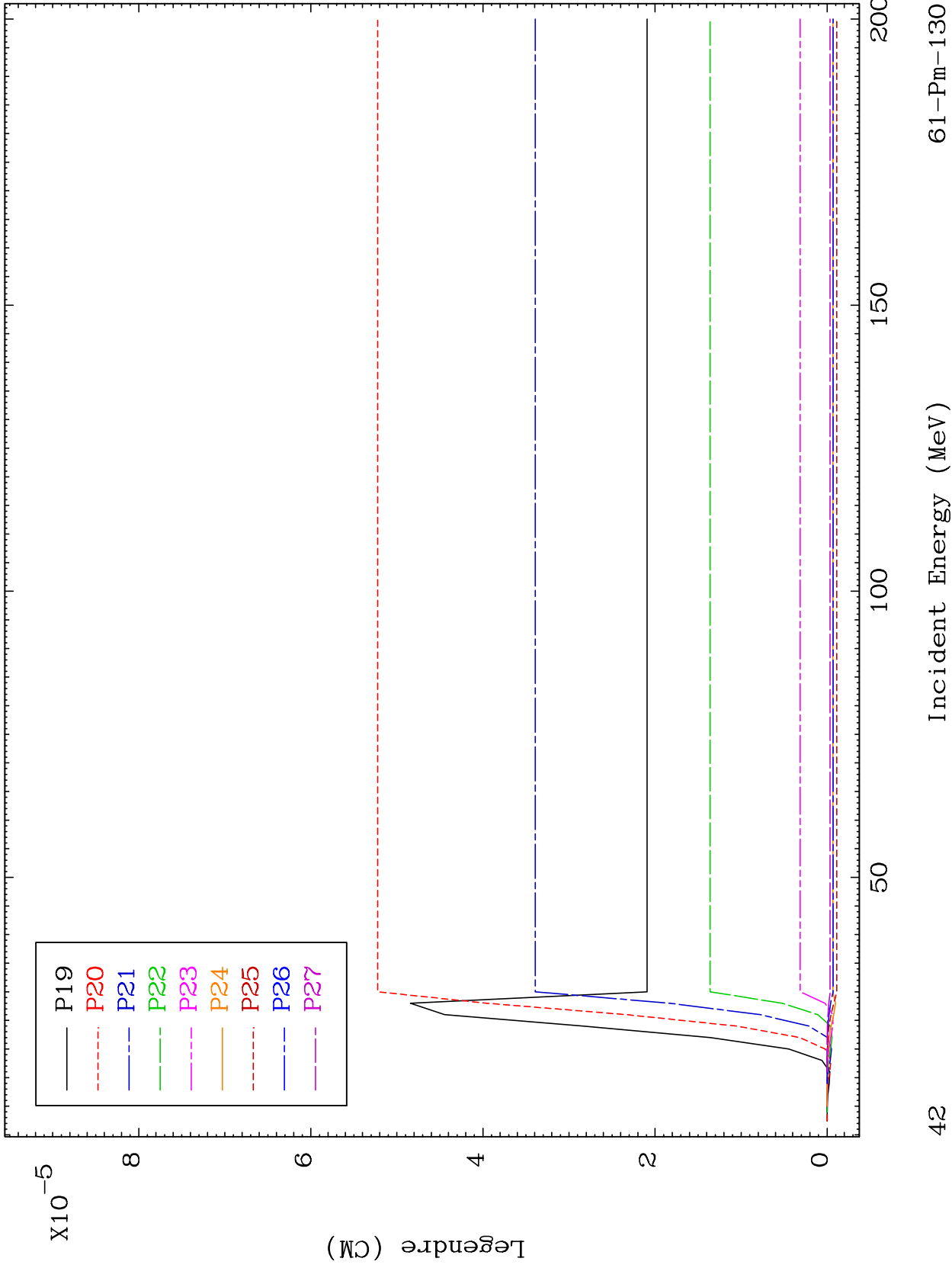
Incident Energy (MeV)

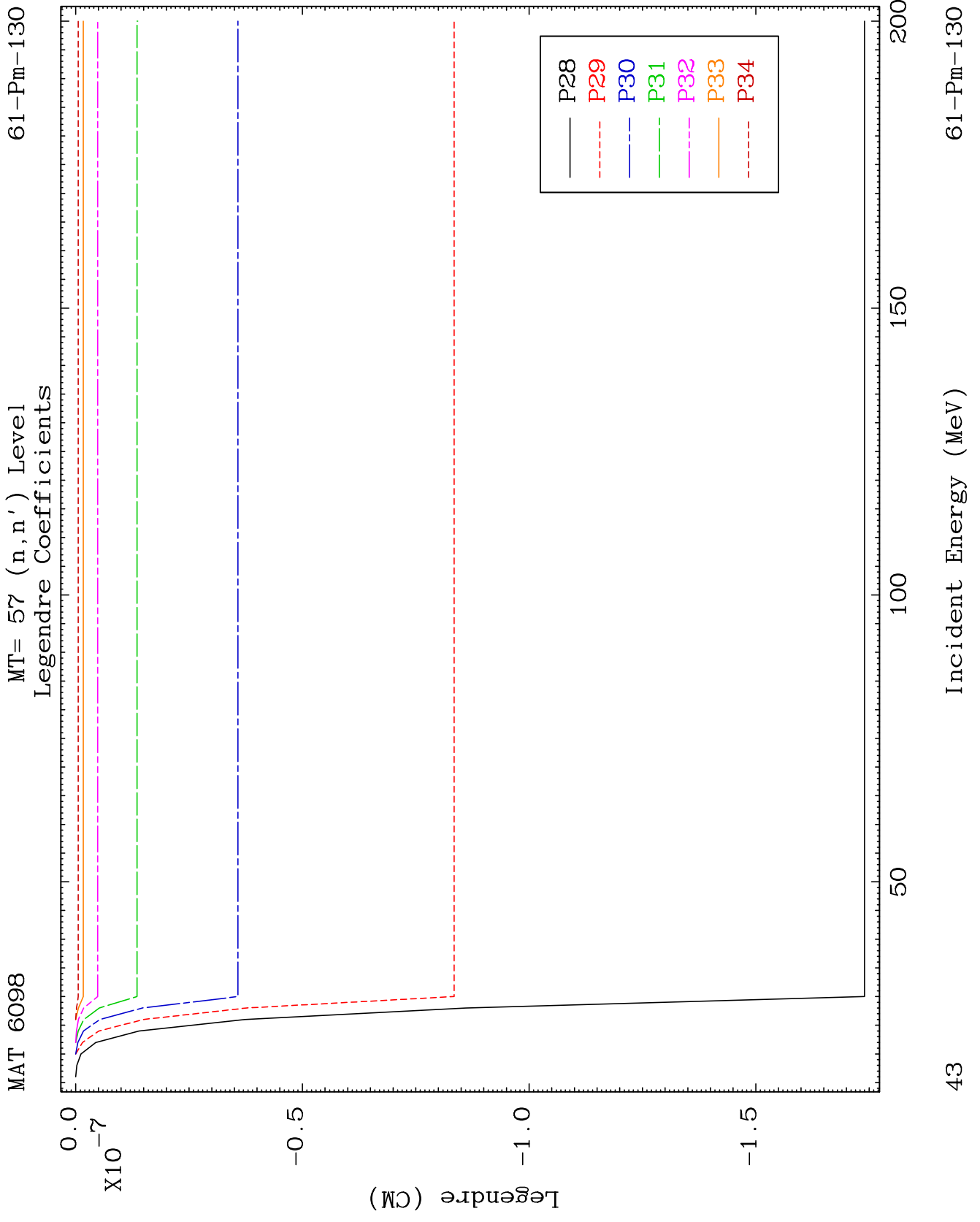
61-Pm-130

MAT 6098

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

61-Pm-130

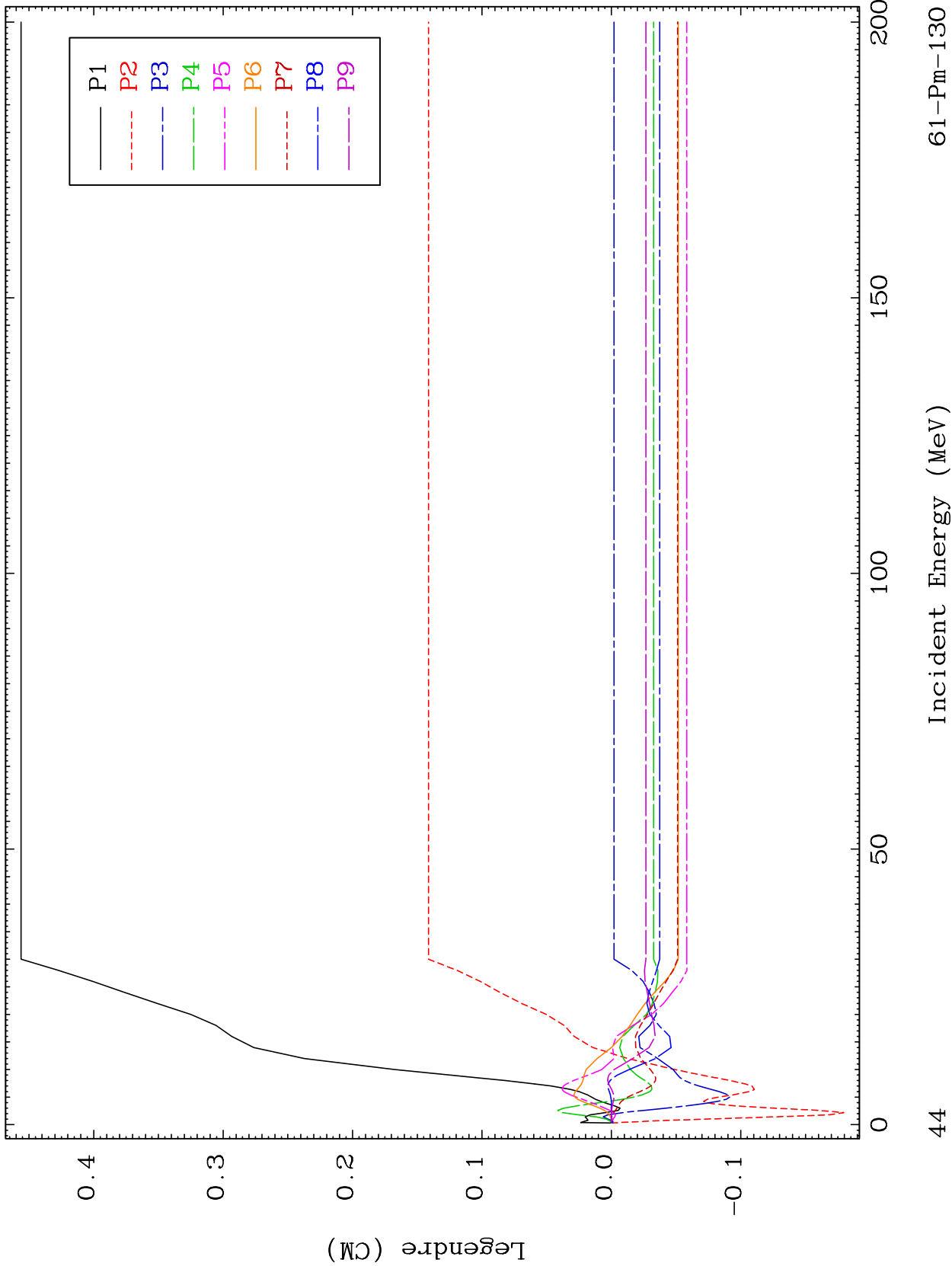




MAT 6098

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

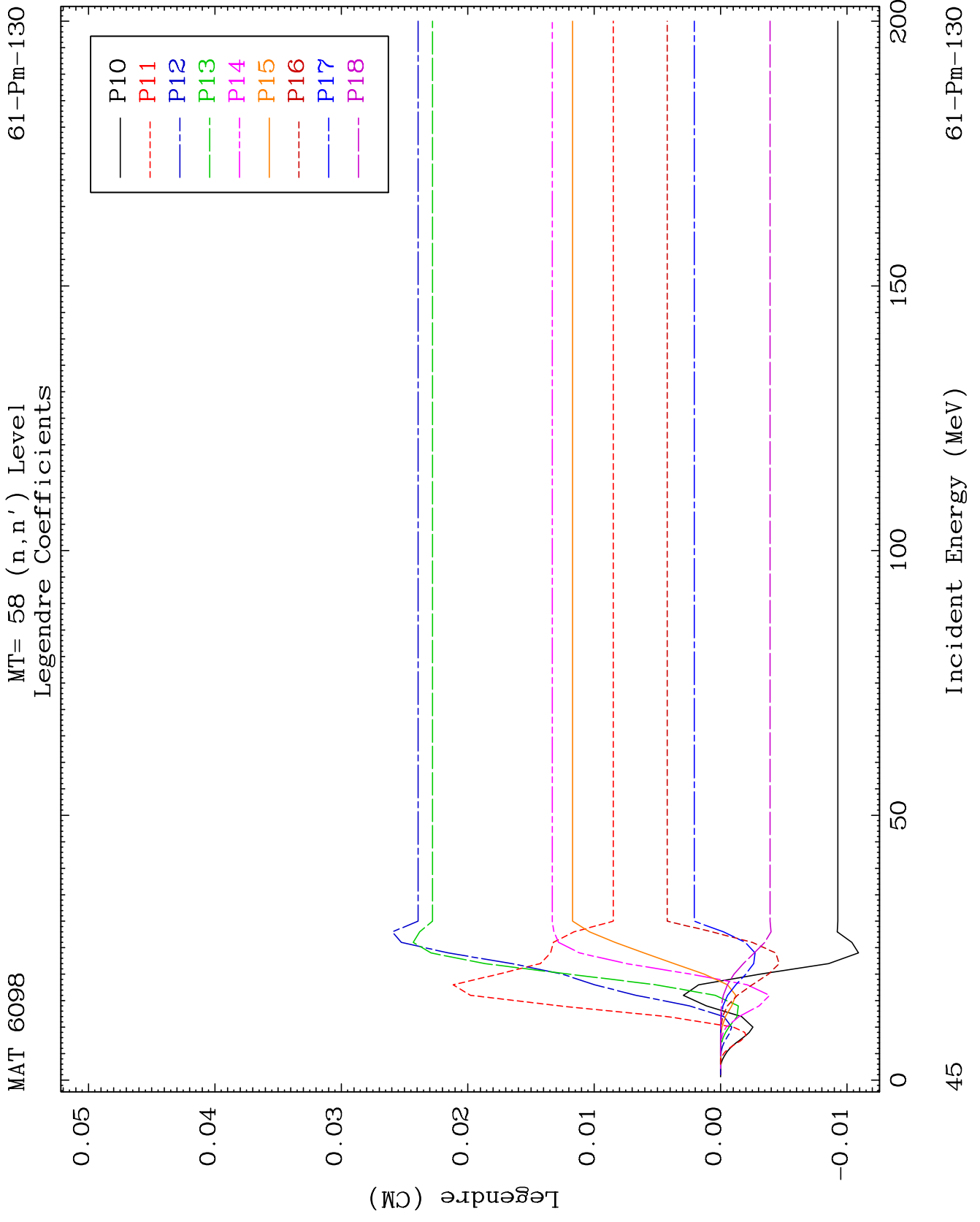
61-Pm-130



61-Pm-130

Incident Energy (MeV)

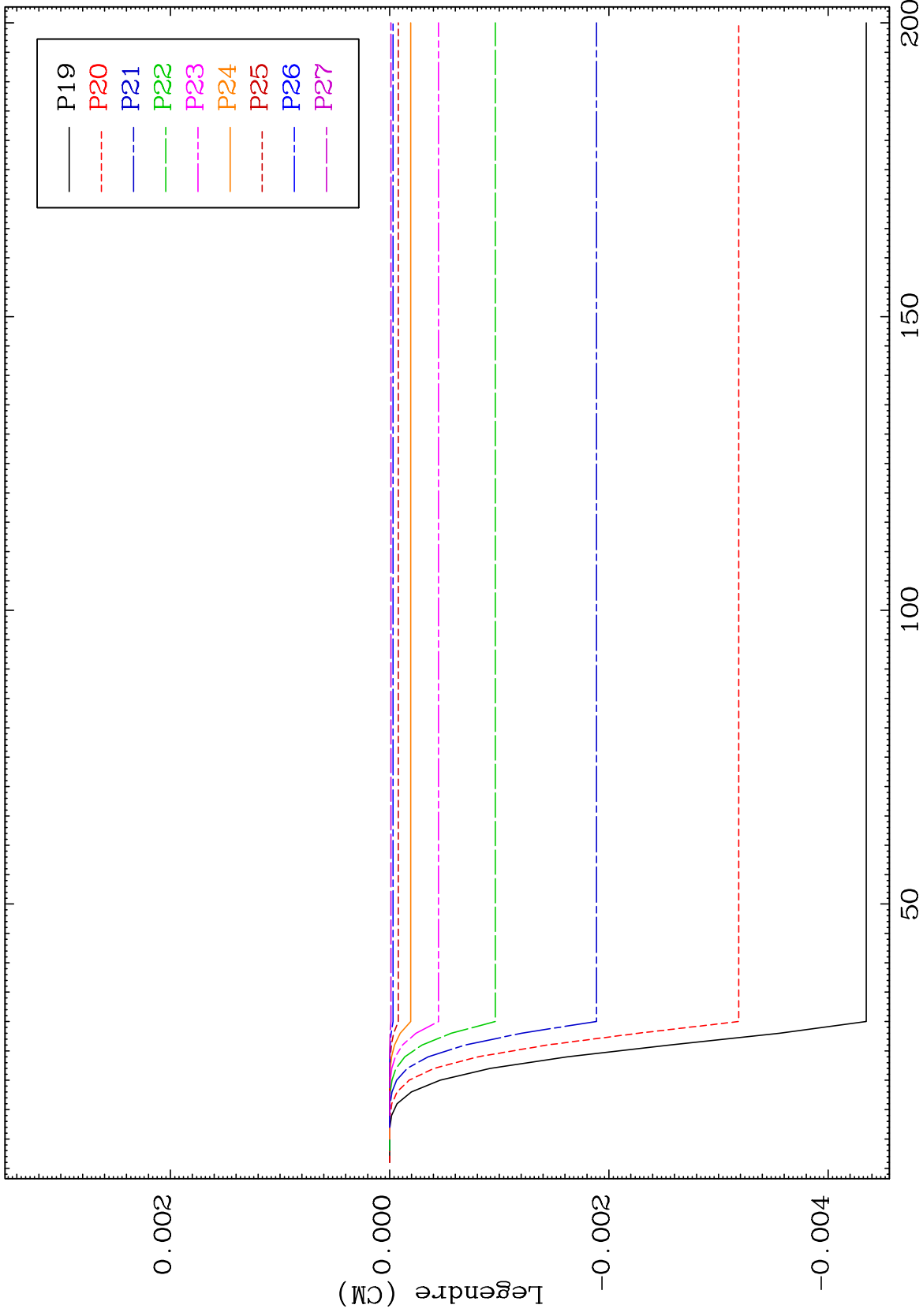
44



MAT 6098

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

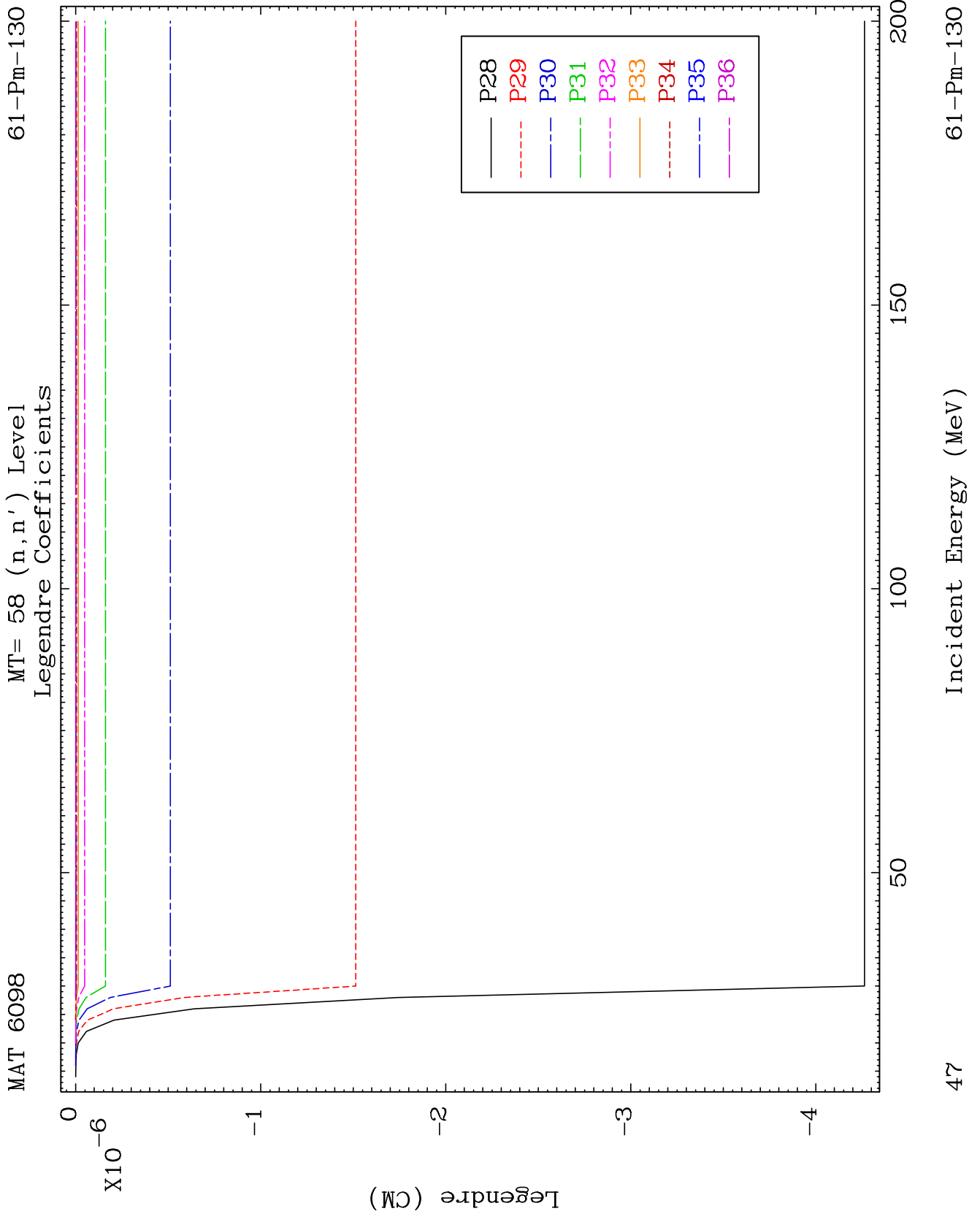
61-Pm-130



46

Incident Energy (MeV)

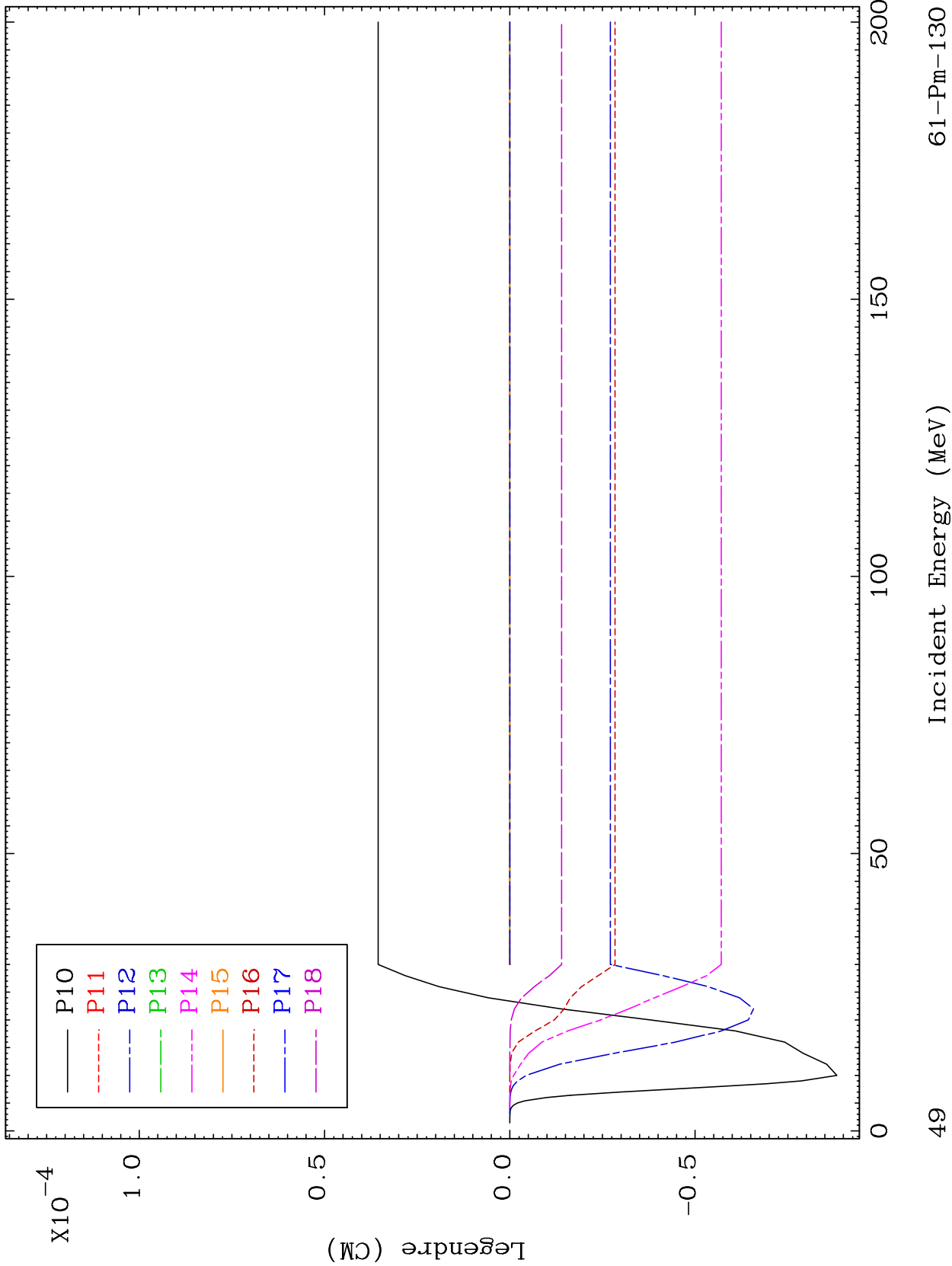
61-Pm-130



MAT 6098

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

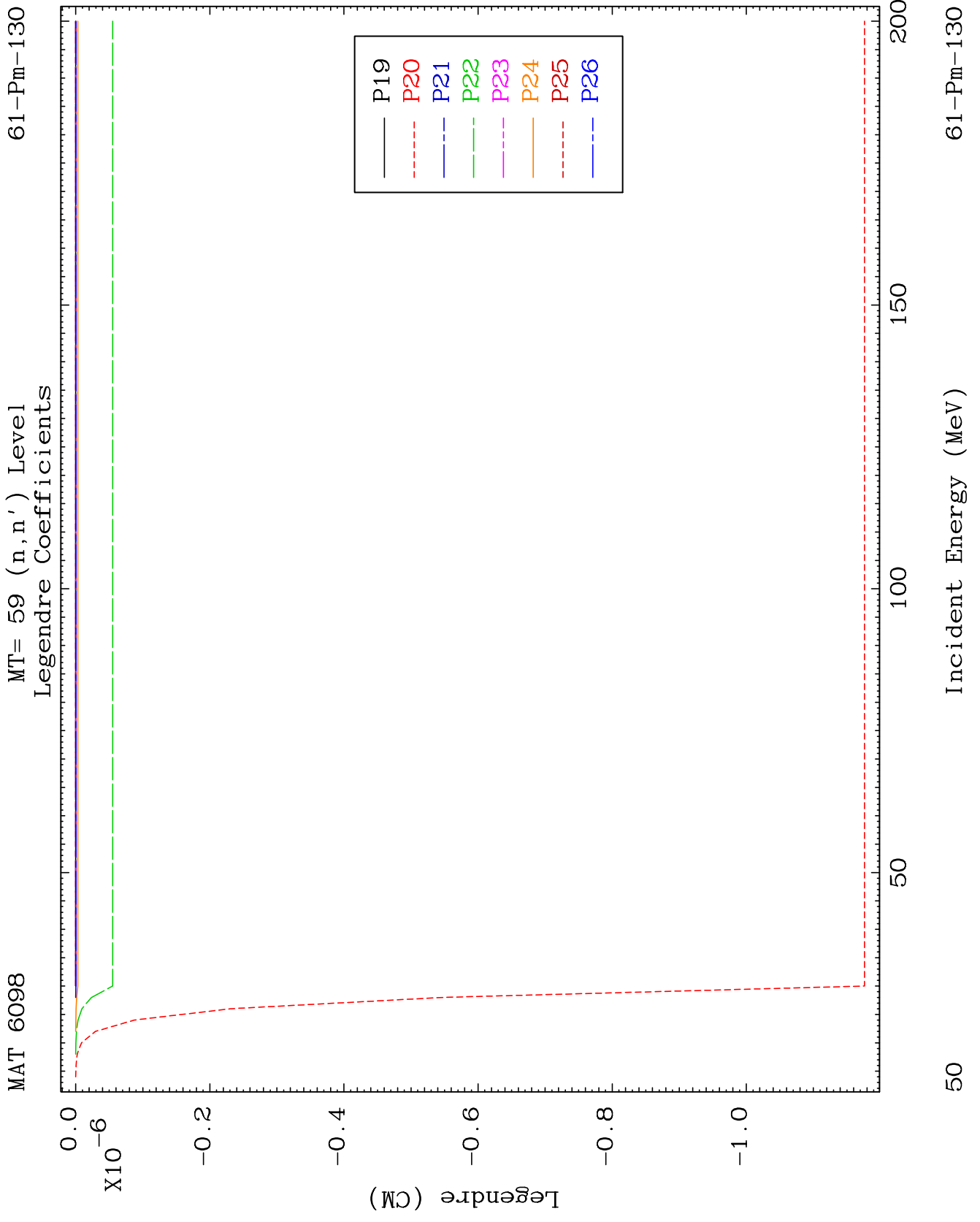
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Incident Energy (MeV)

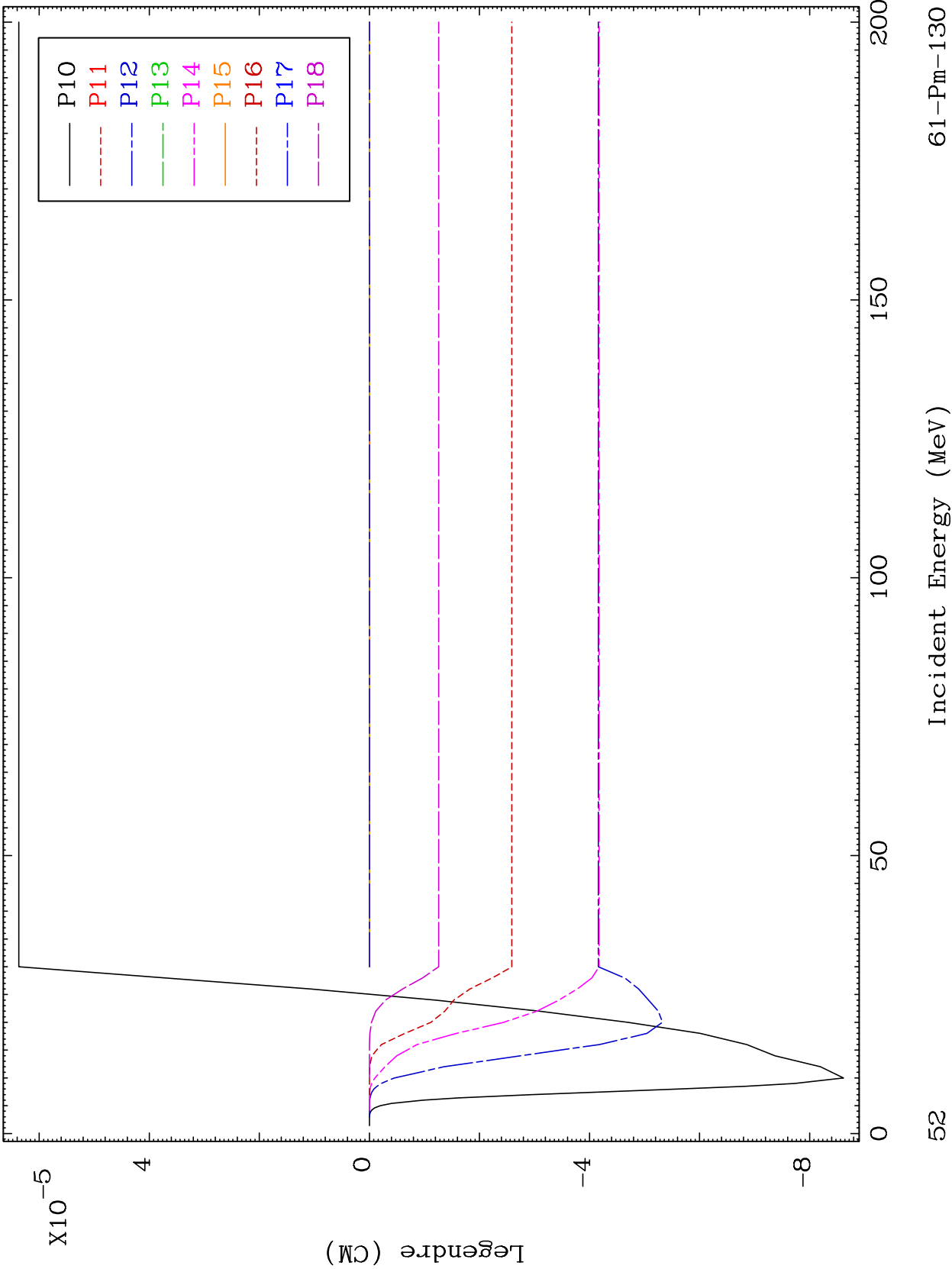
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MAT 6098

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

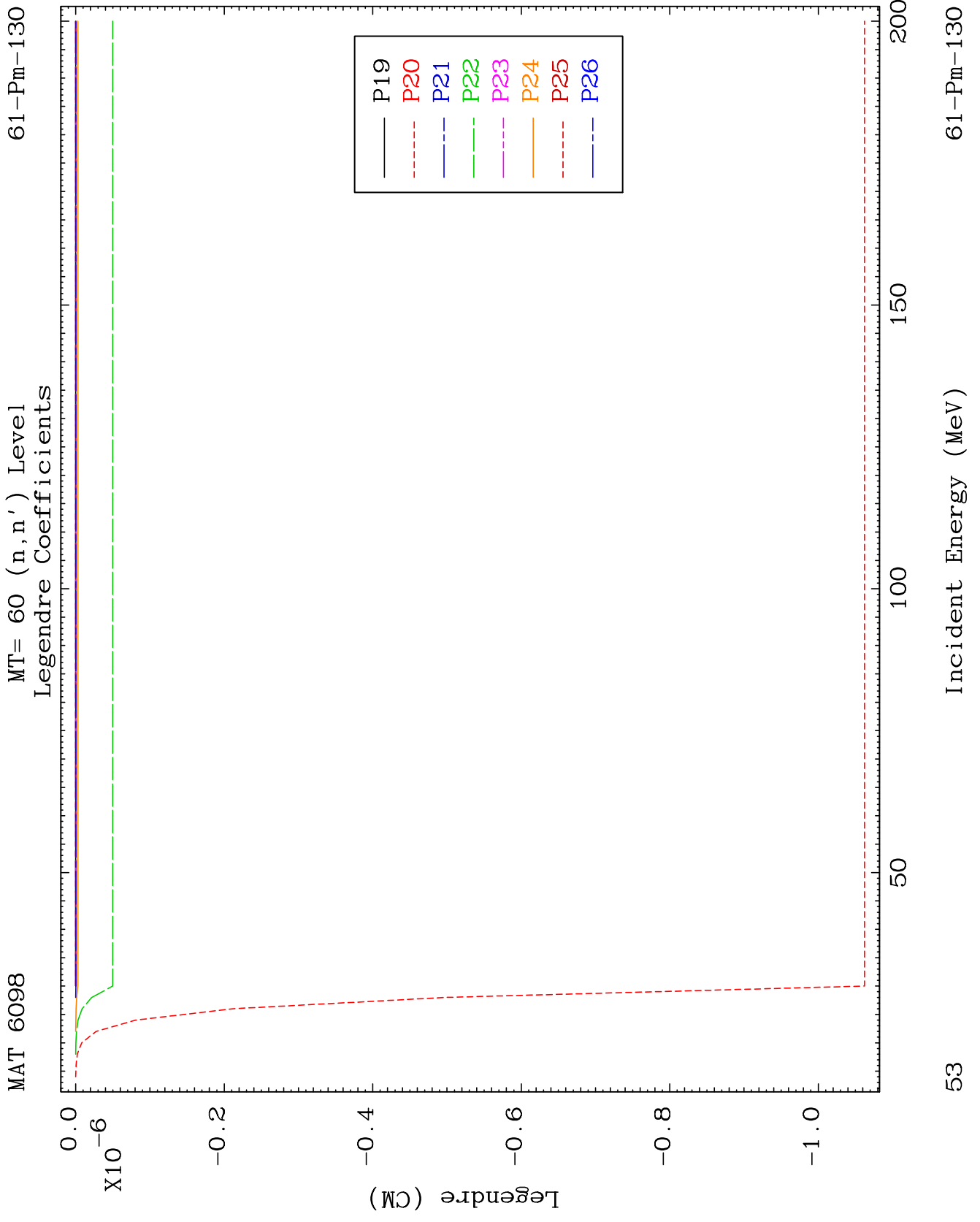
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52

61-Pm-130

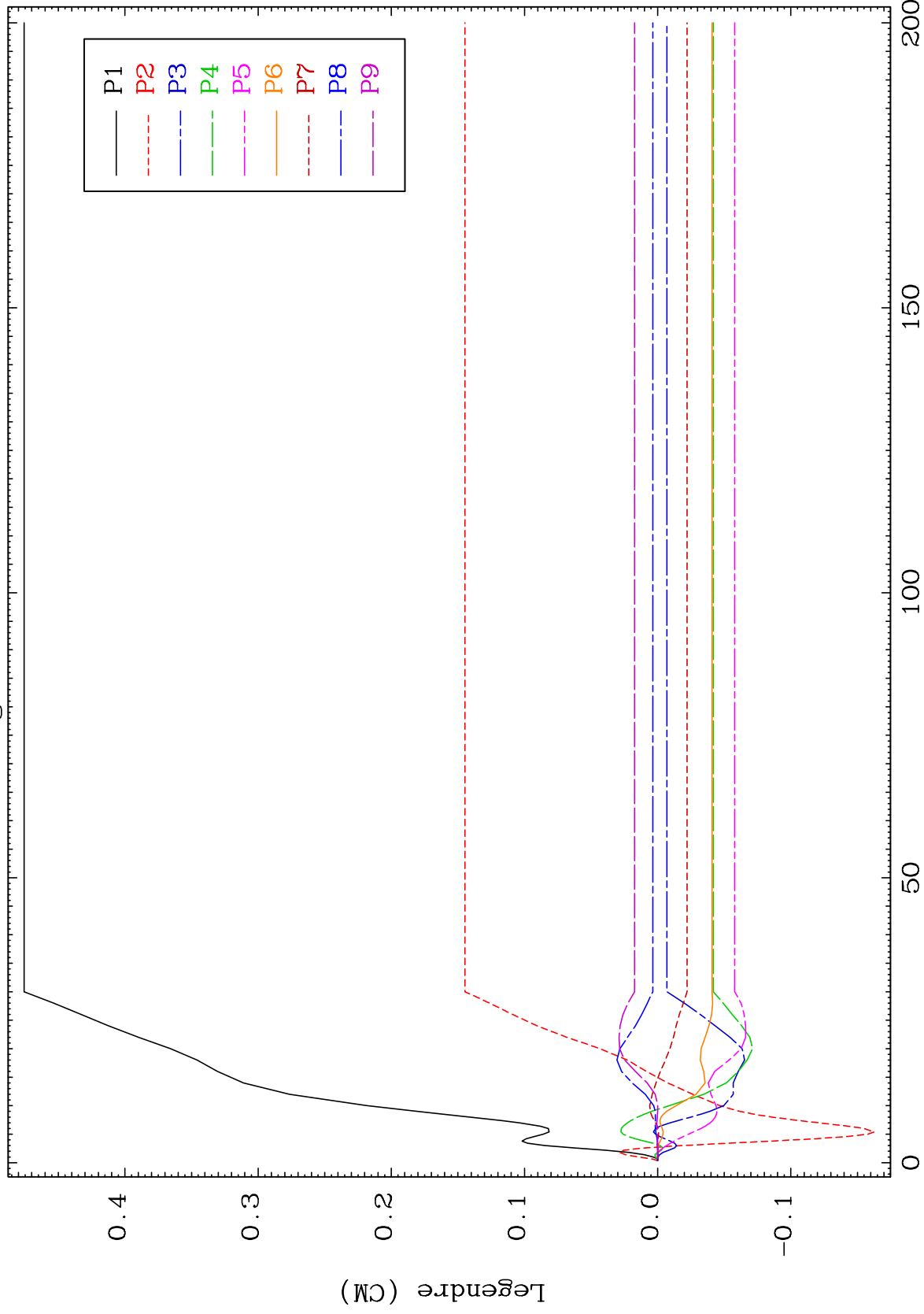
61-Pm-130



MAT 6098

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

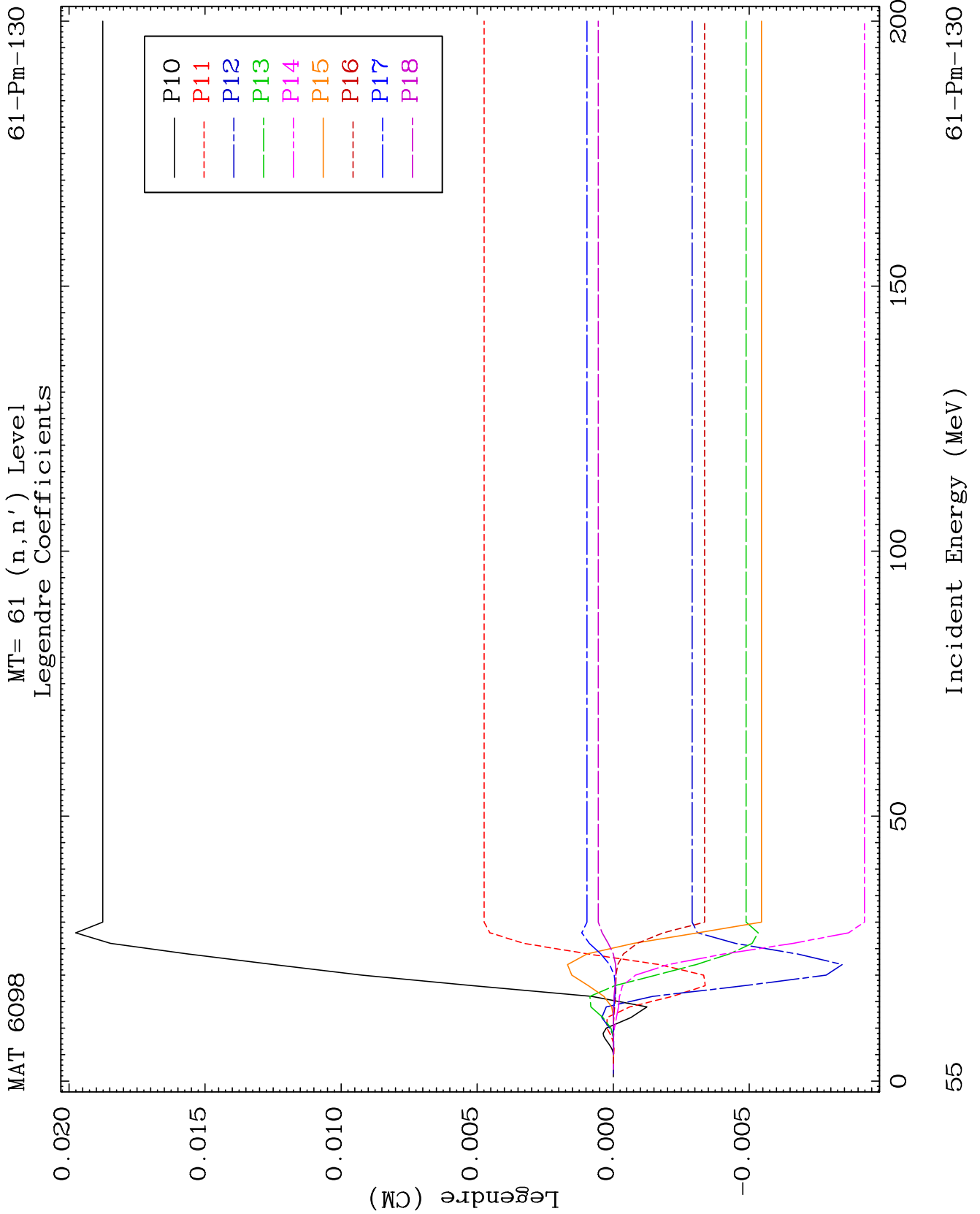
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Incident Energy (MeV)

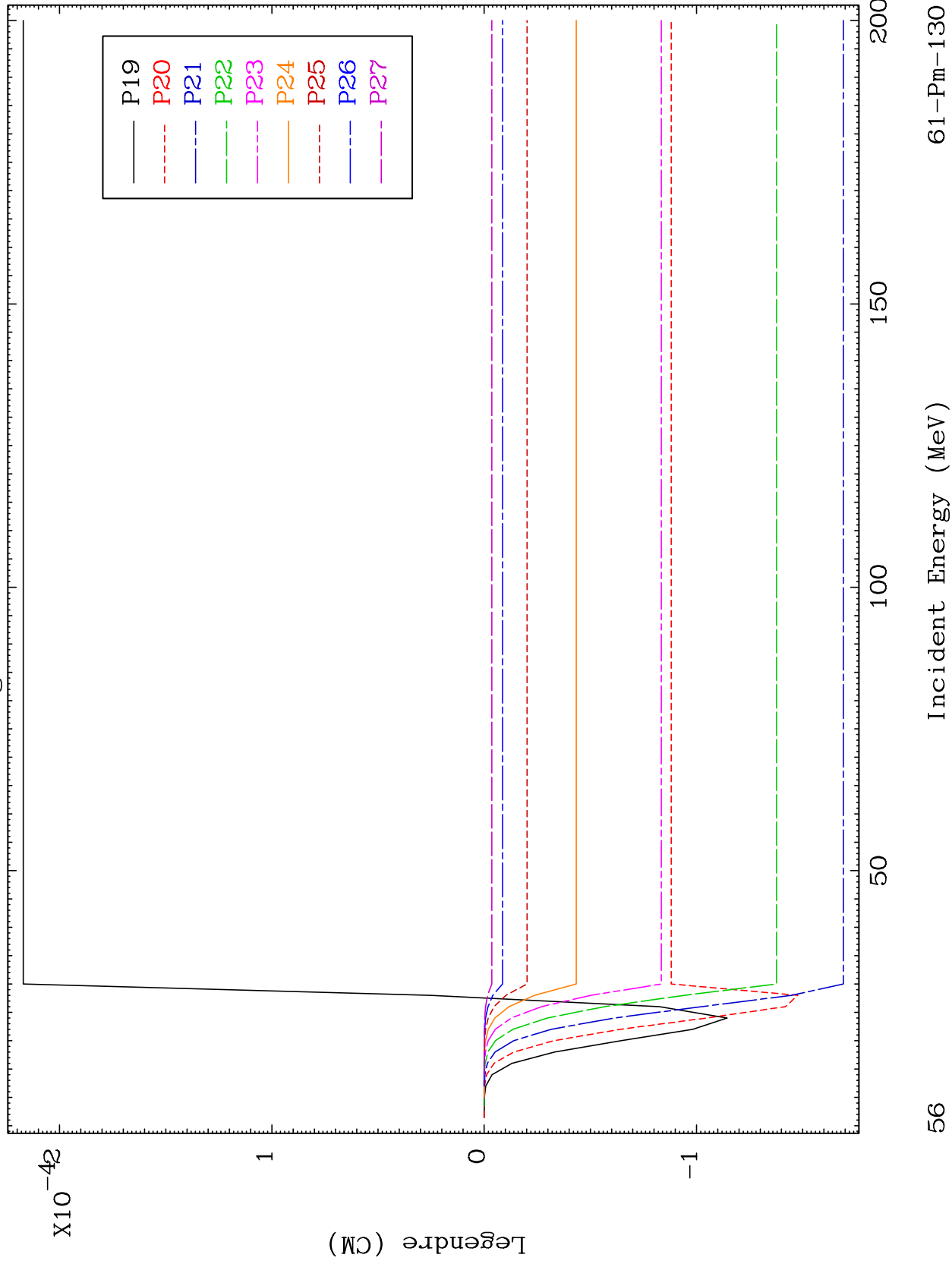
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MAT 6098

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

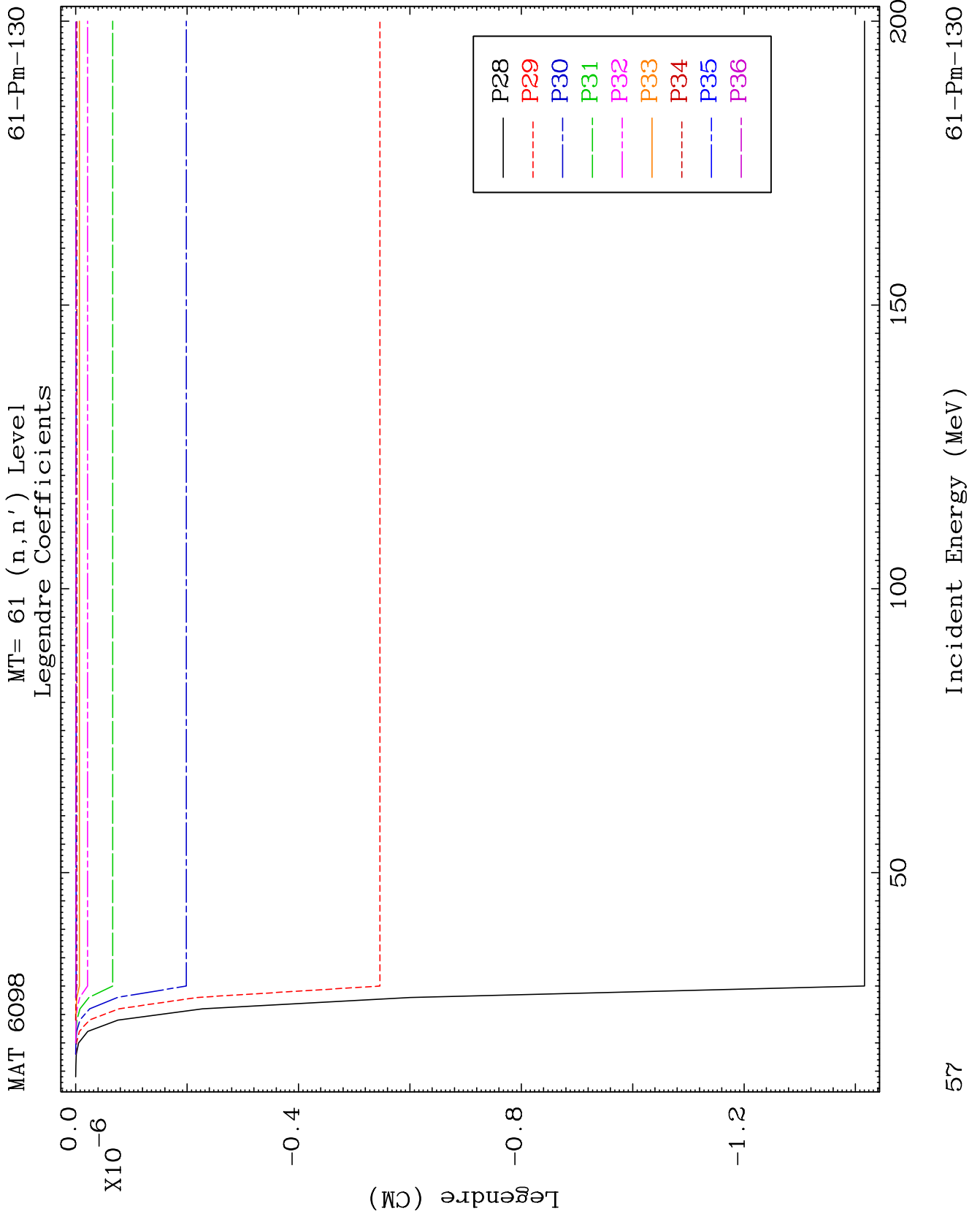
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Incident Energy (MeV)

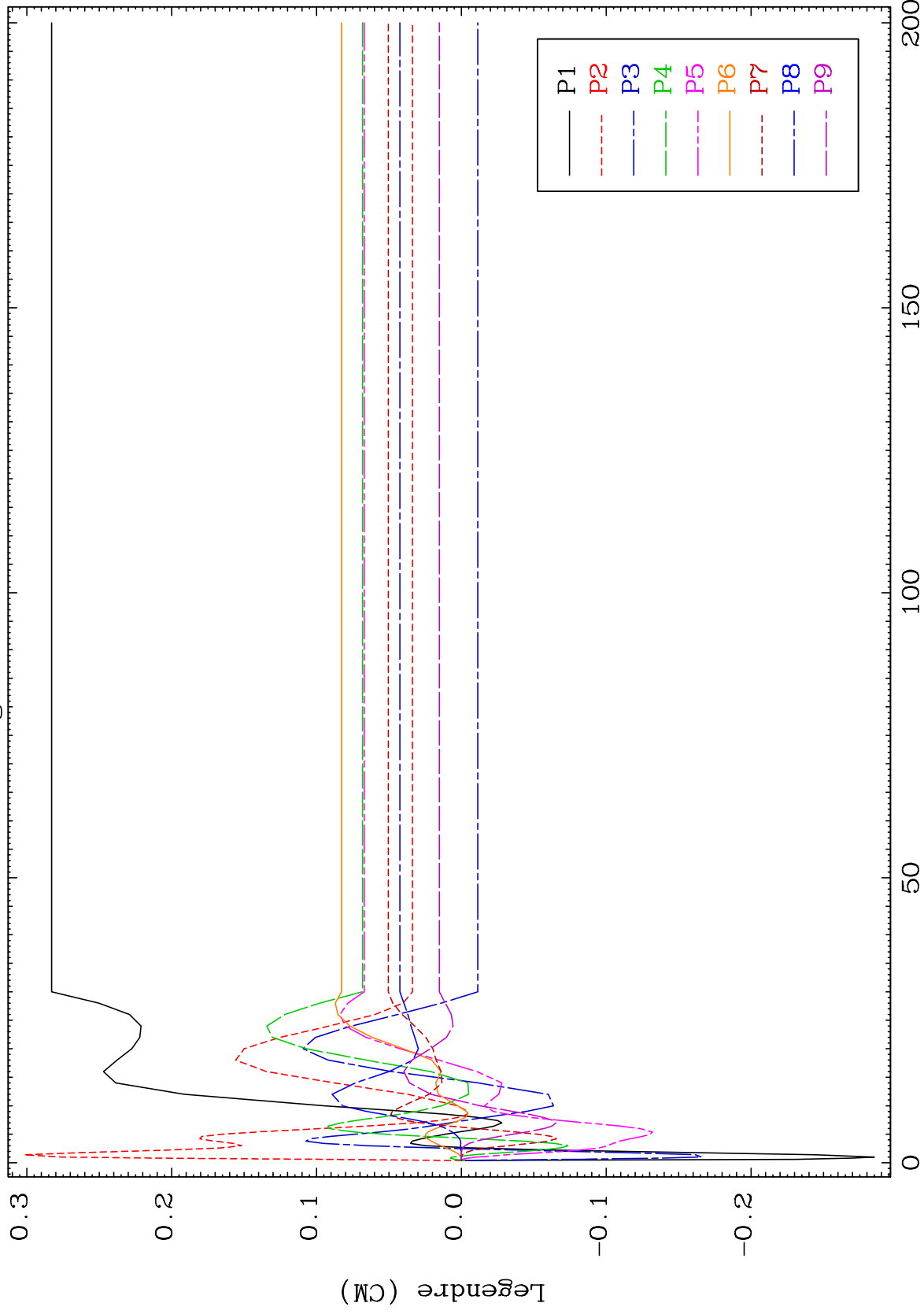
61-Pm-130



MAT 6098

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

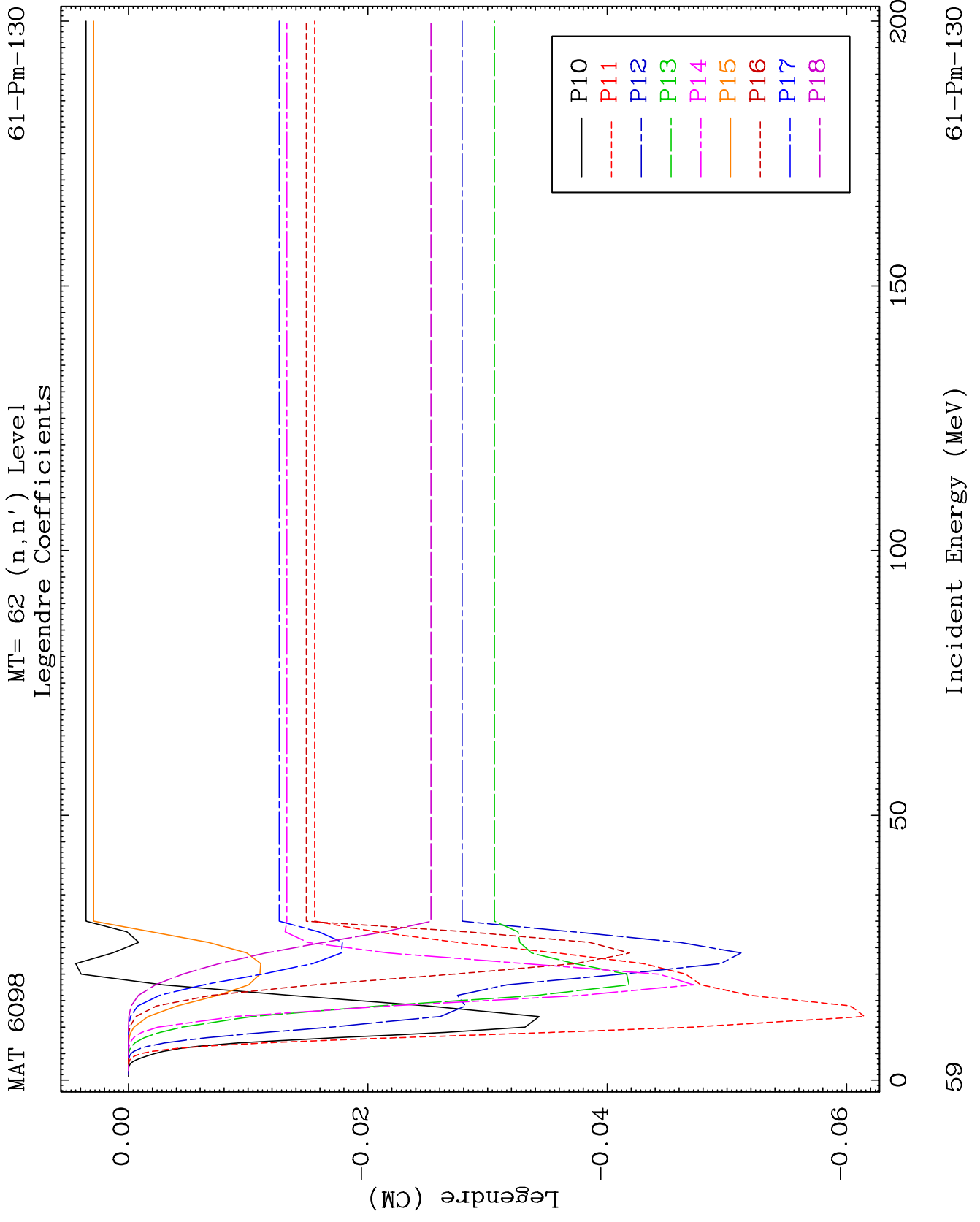
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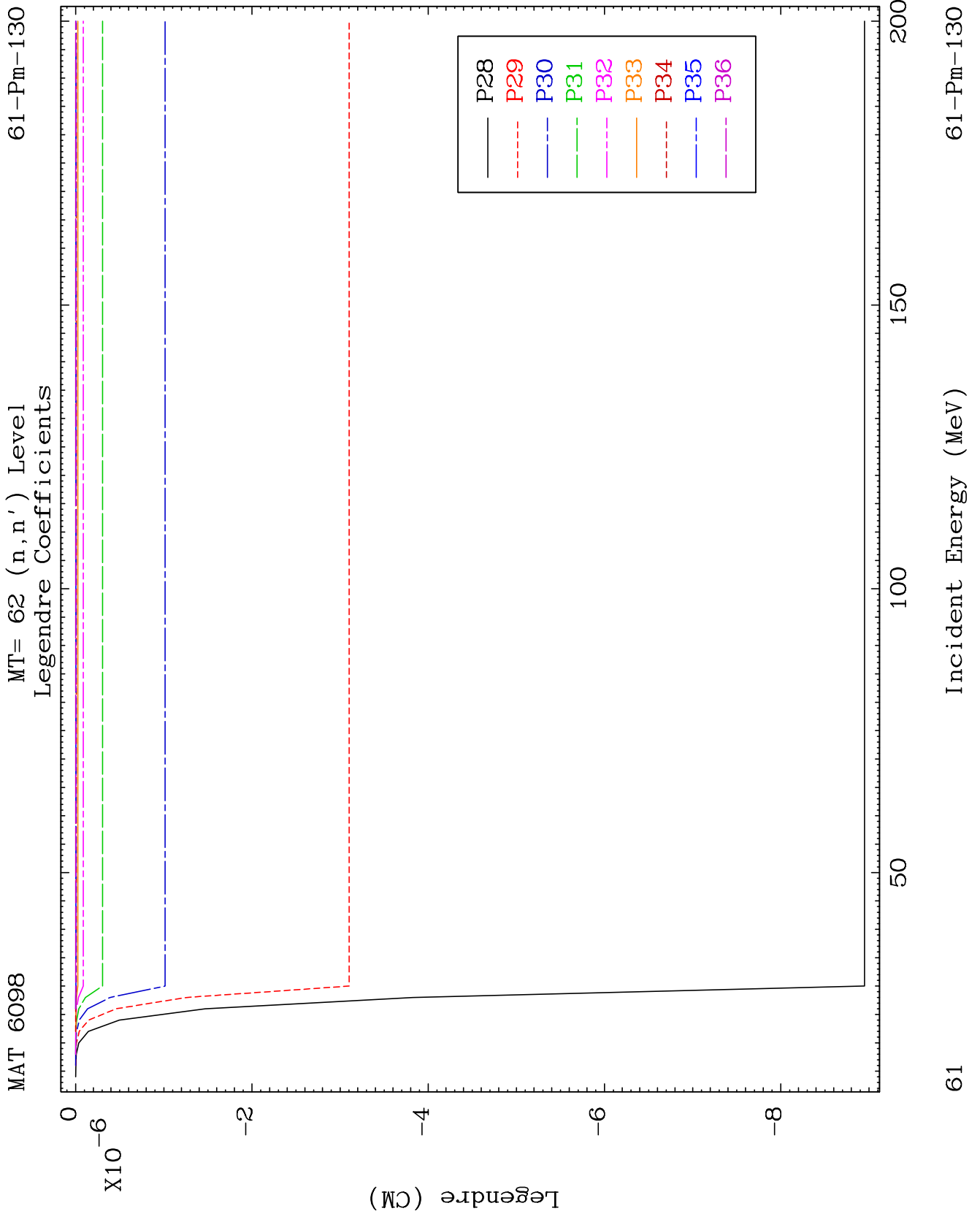


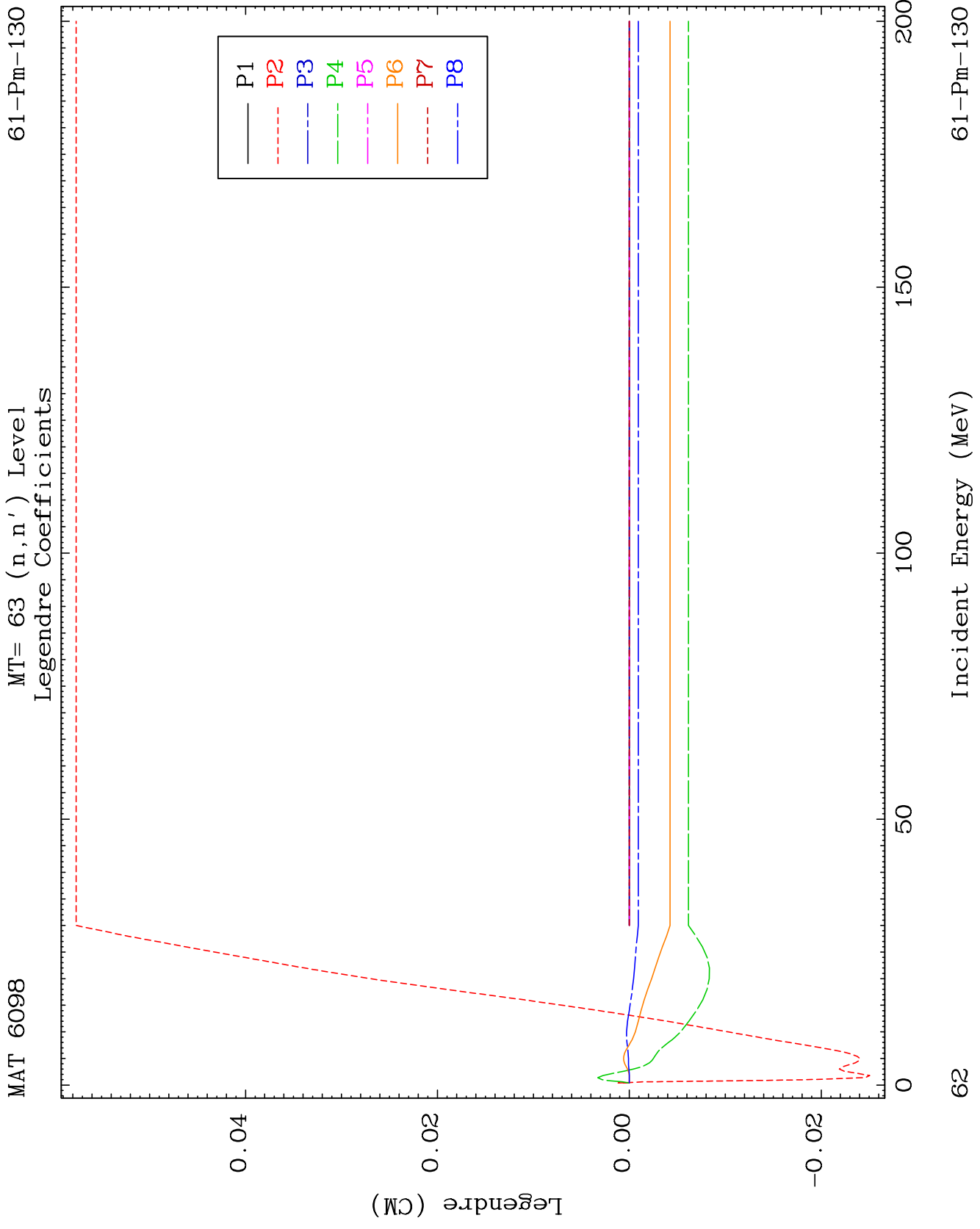
58

Incident Energy (MeV)

61-Pm-130



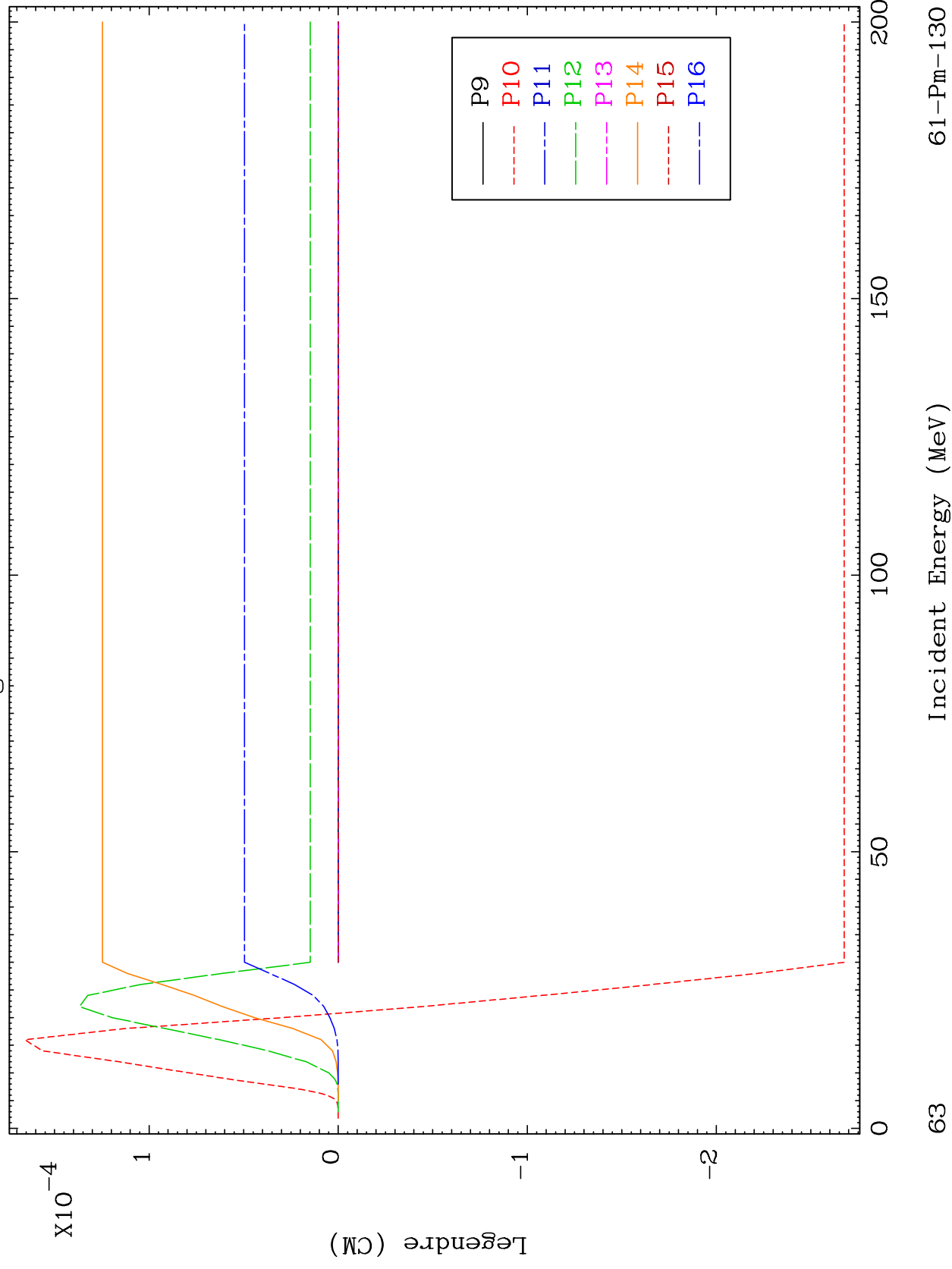




MAT 6098

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

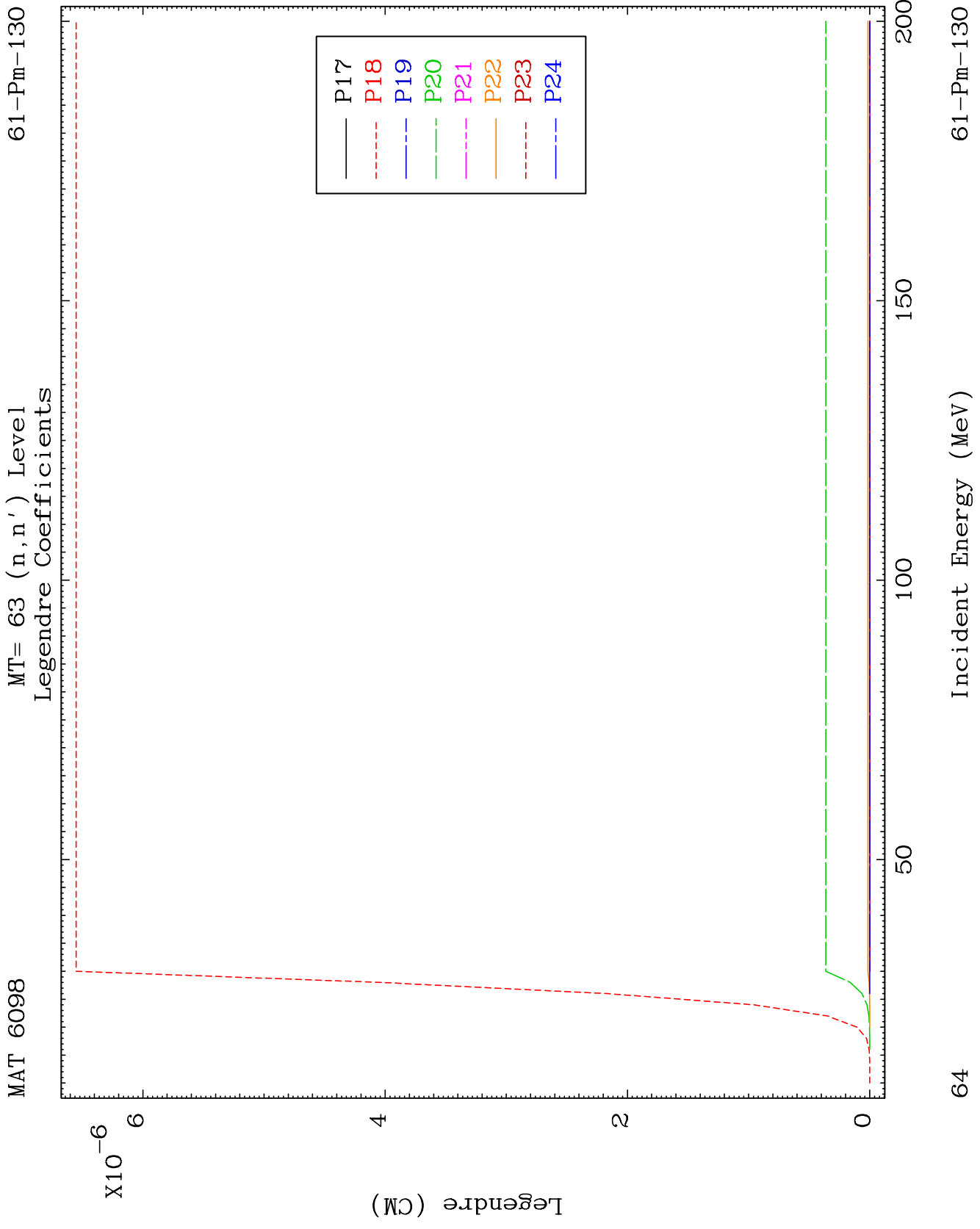
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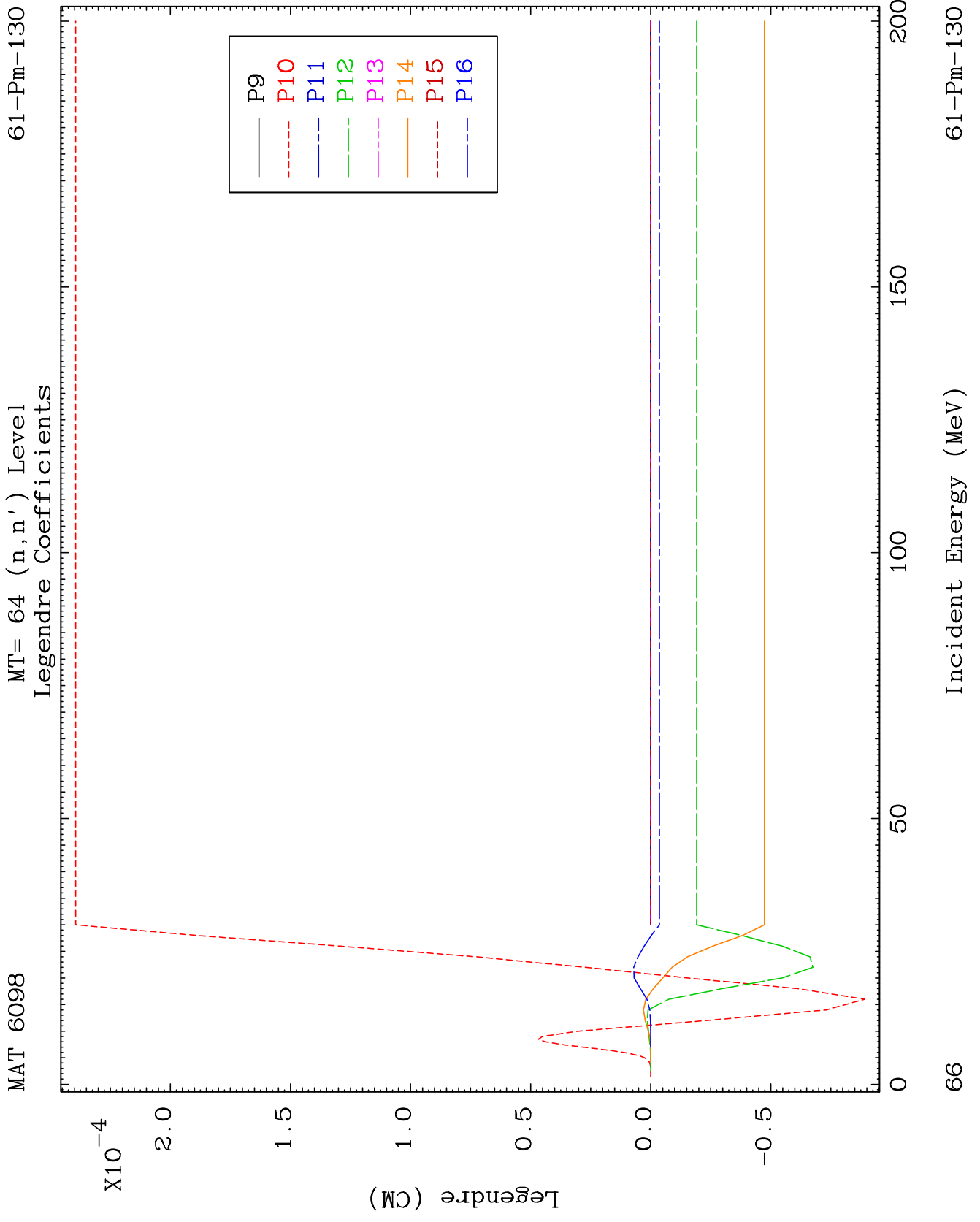


61-Pm-130

Incident Energy (MeV)

63





61-Pm-130

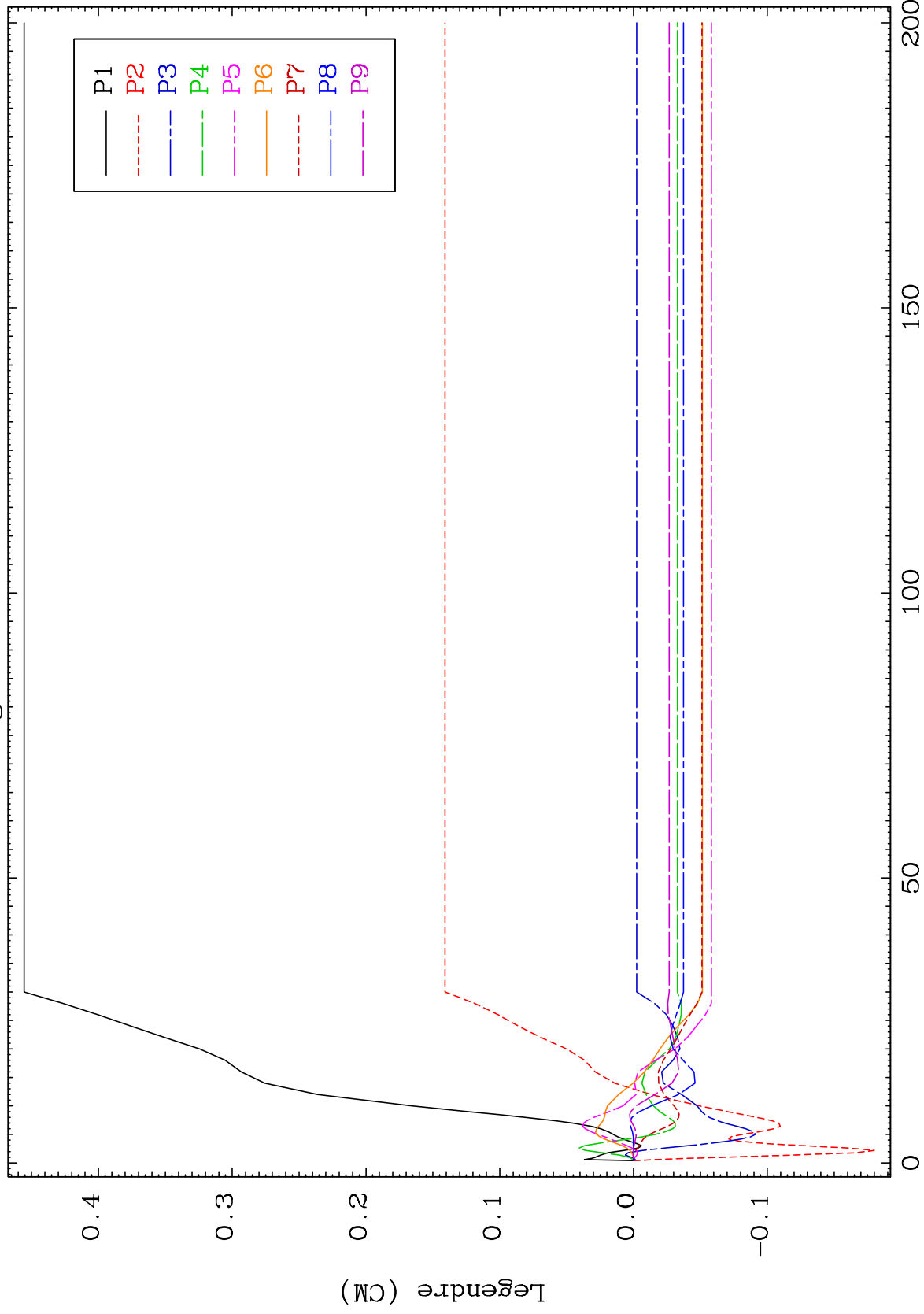
Incident Energy (MeV)

66

MAT 6098

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

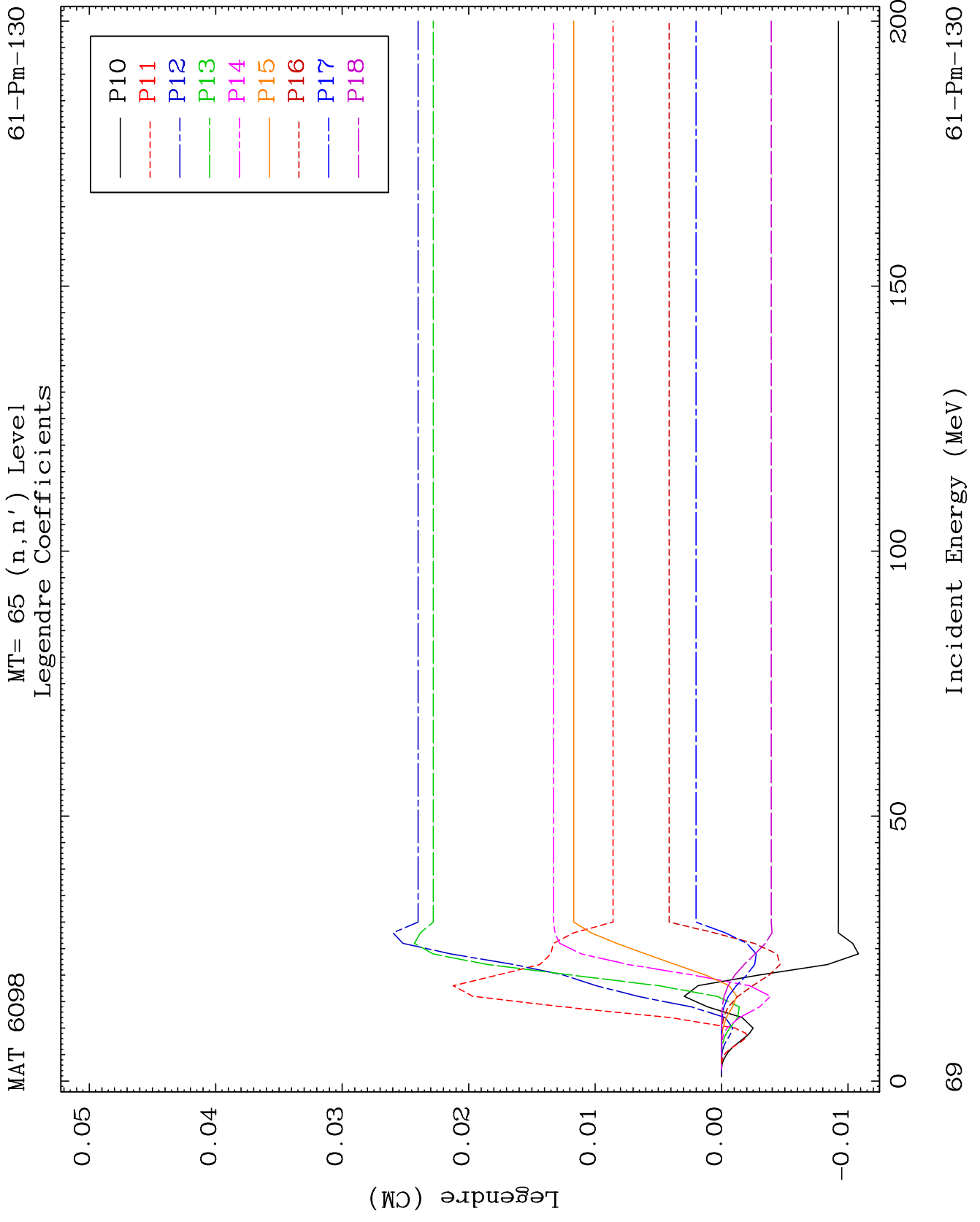
61-Pm-130



68

Incident Energy (MeV)

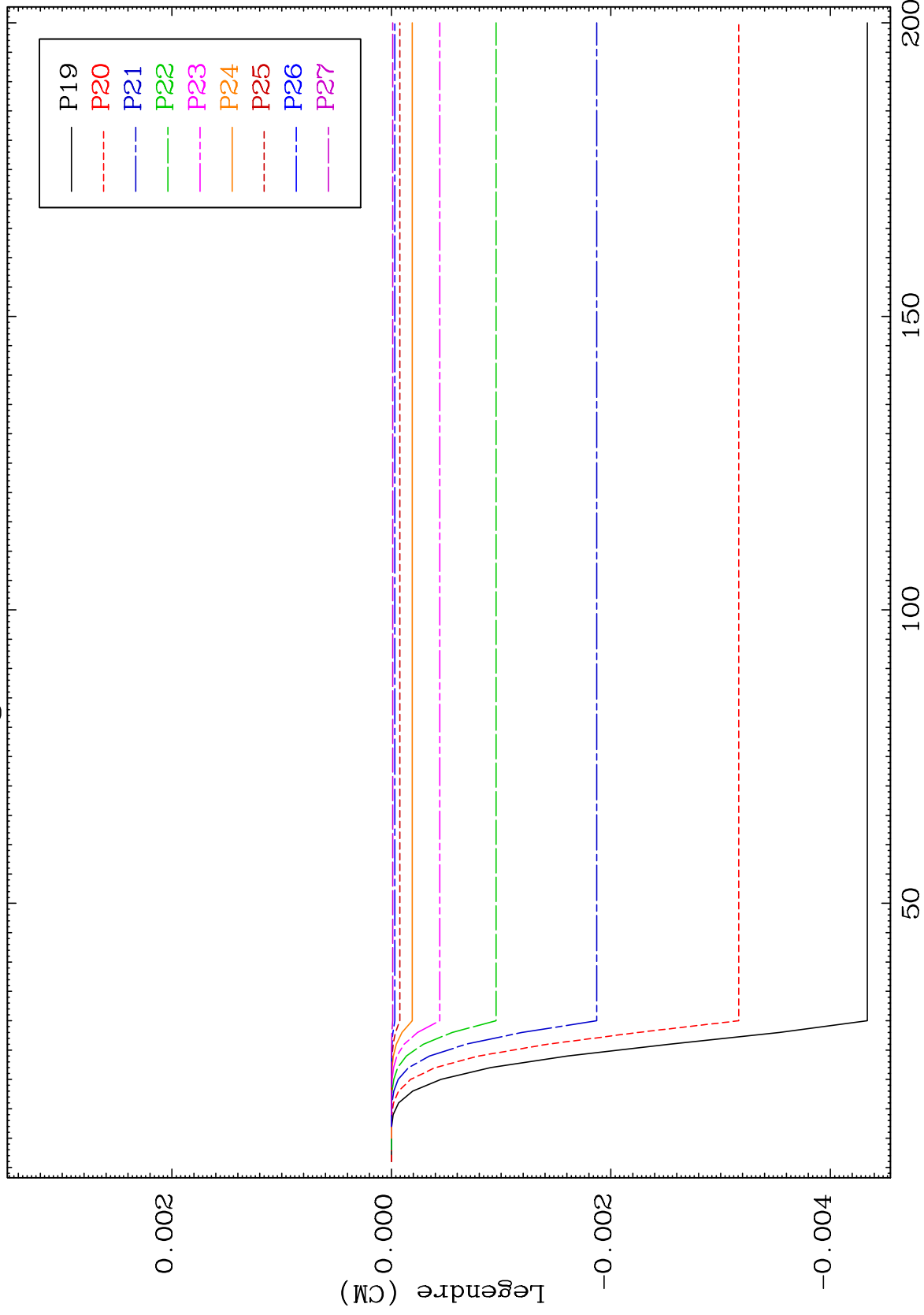
61-Pm-130



MAT 6098

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

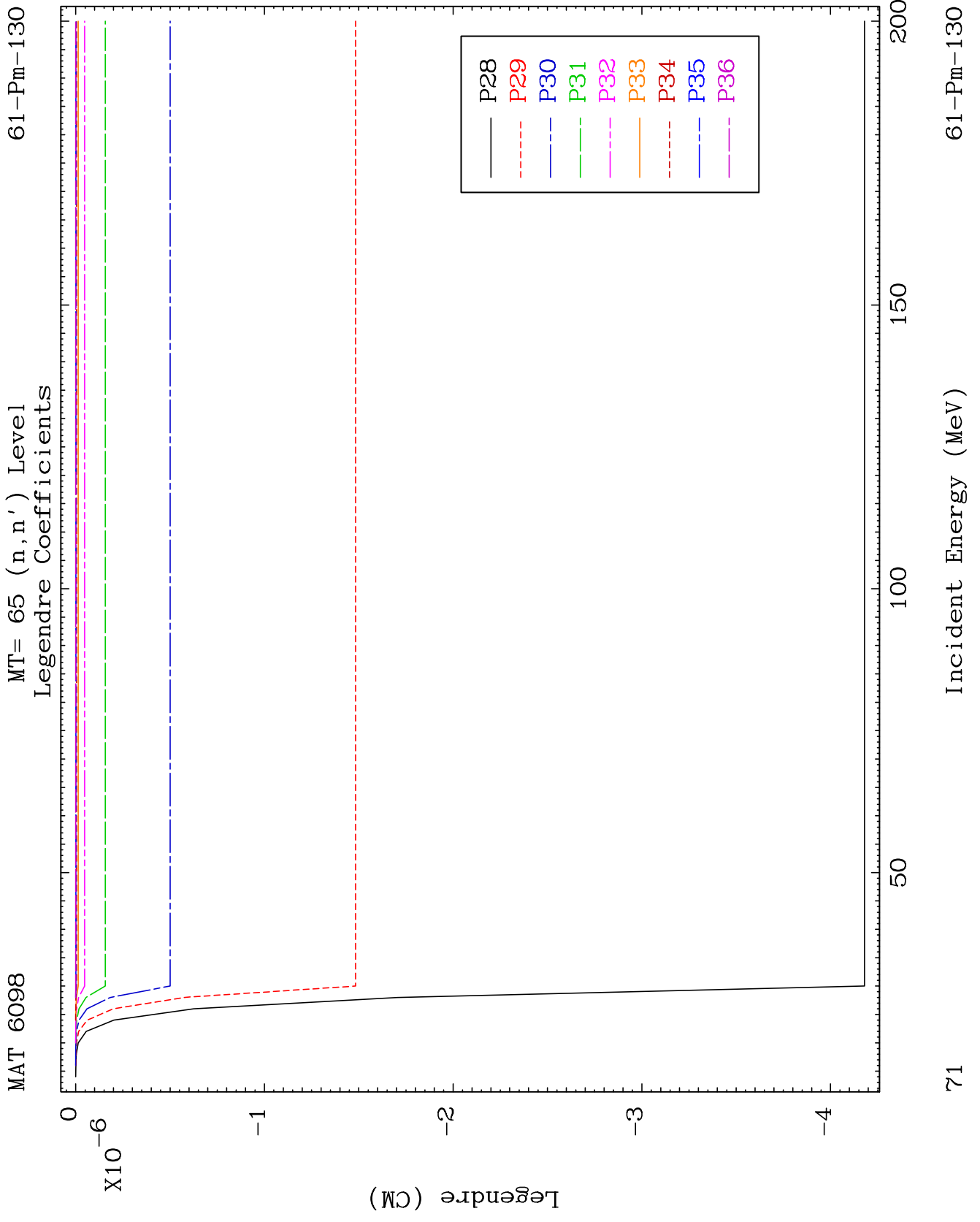
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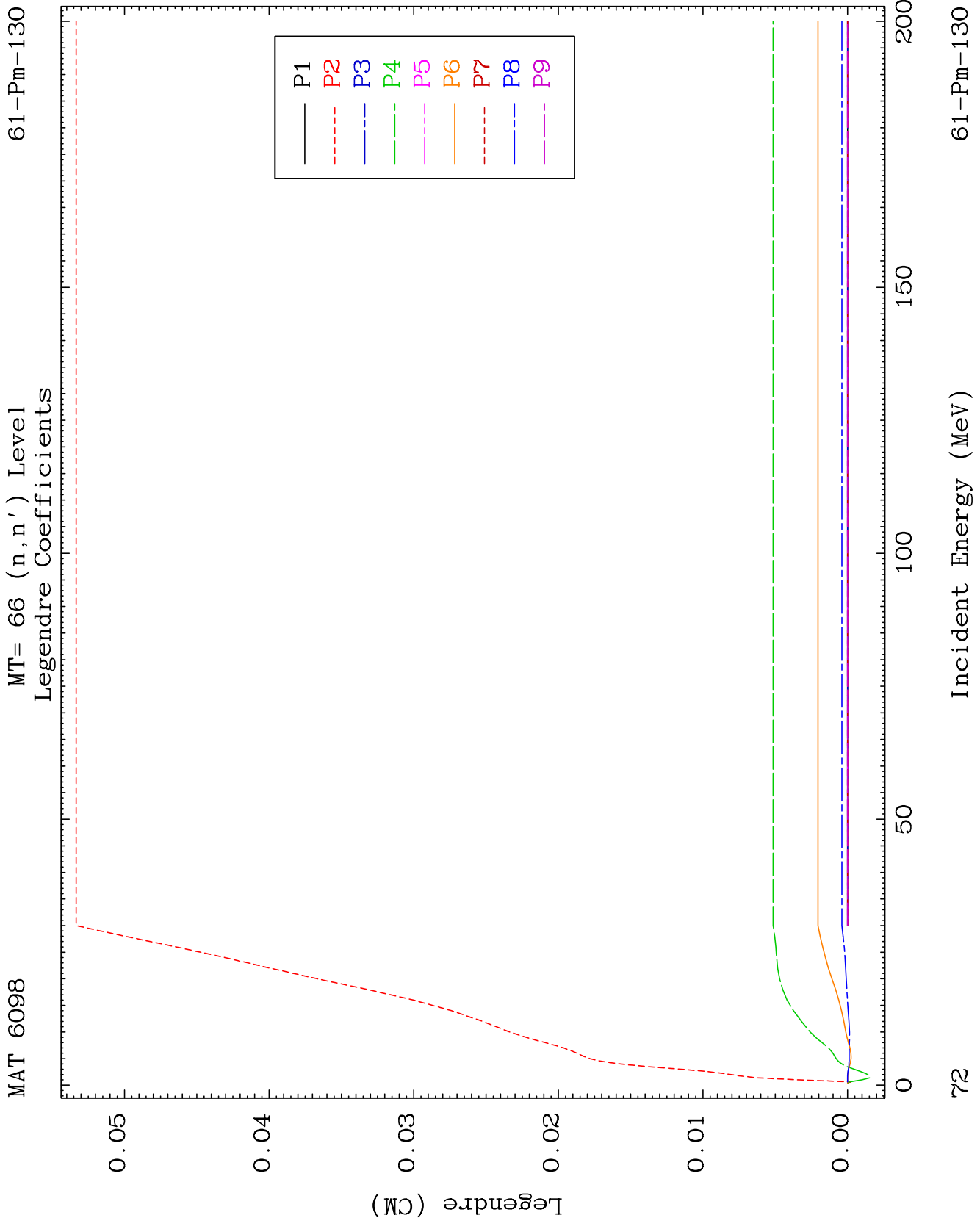


70

Incident Energy (MeV)

61-Pm-130

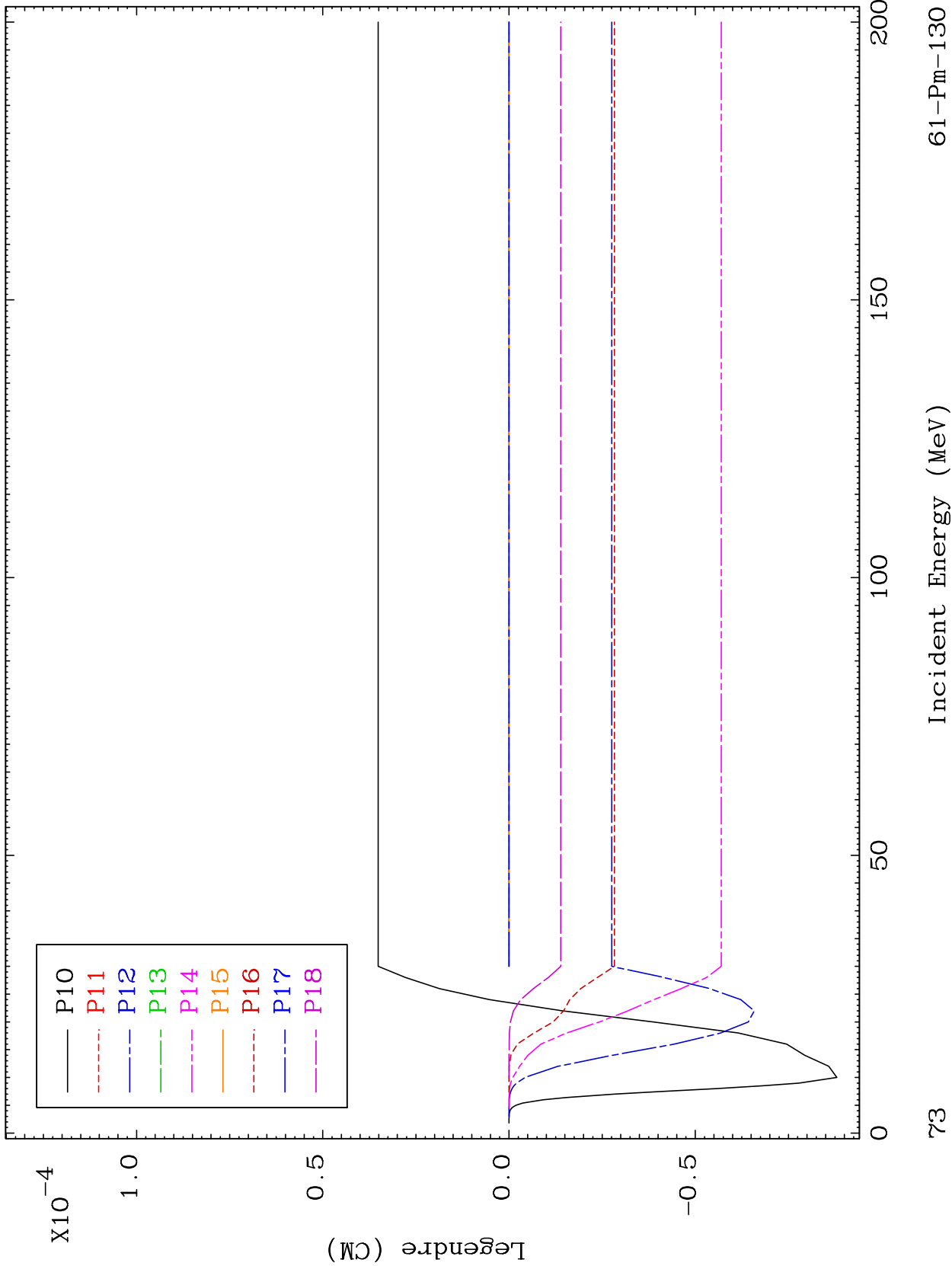




MAT 6098

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

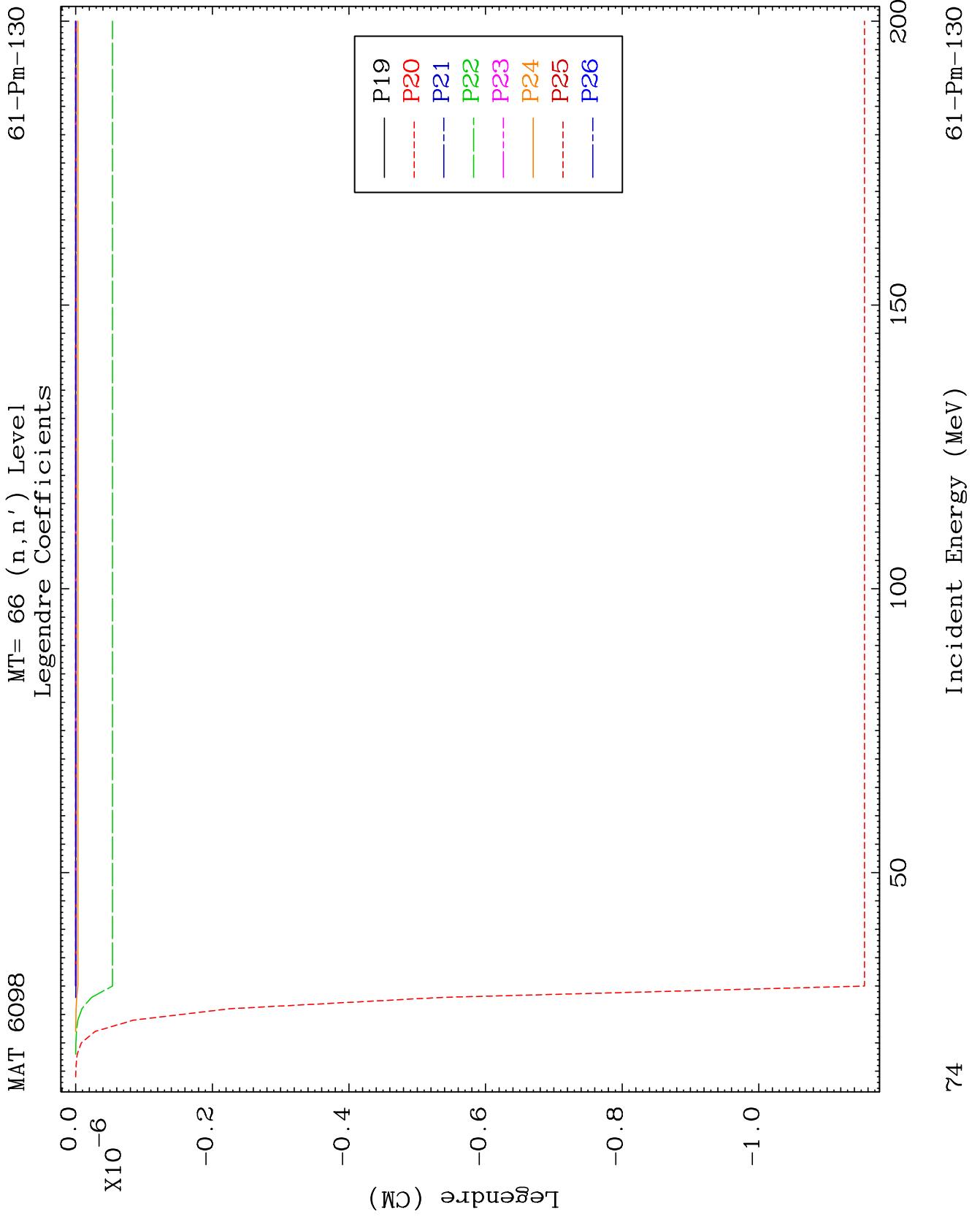
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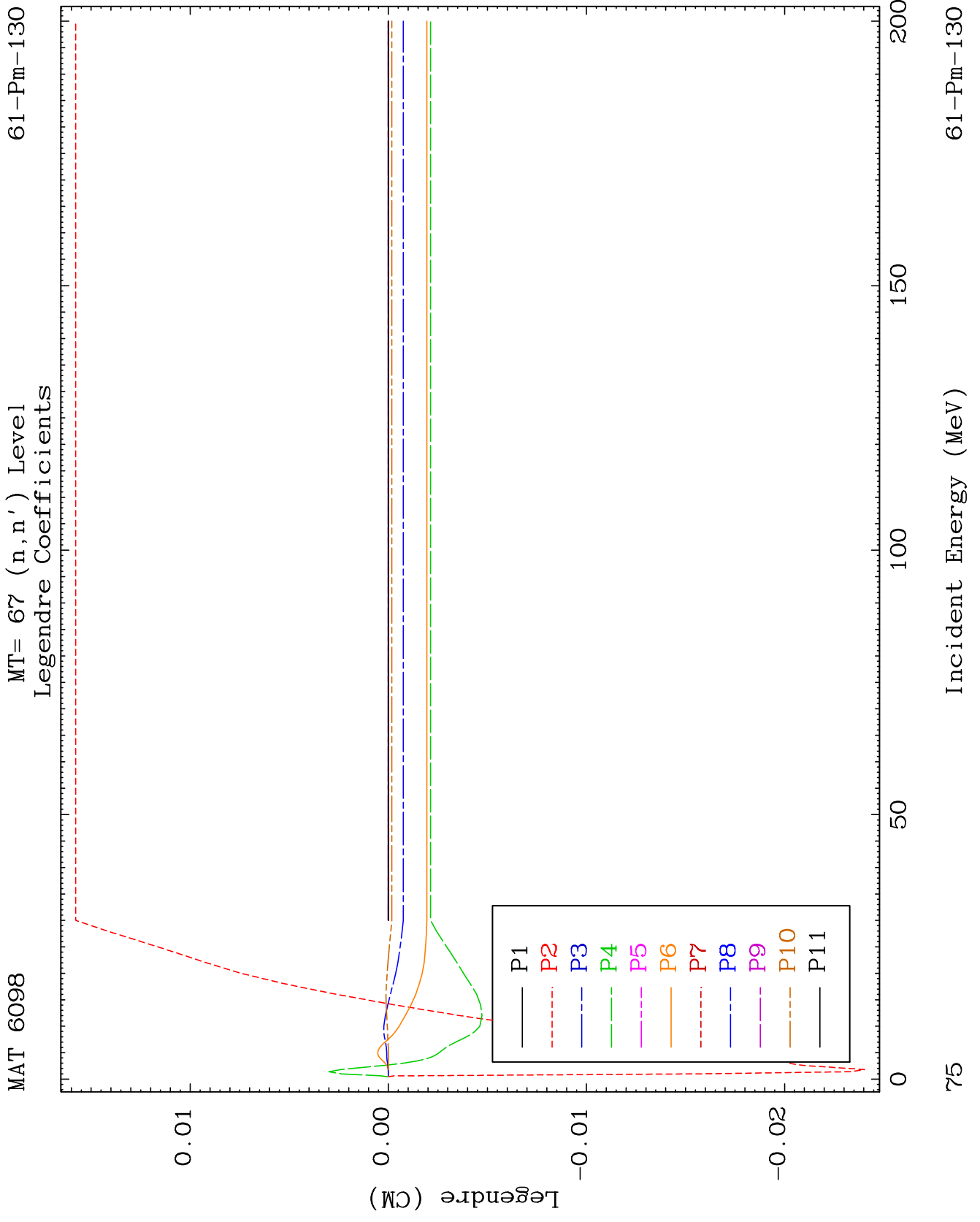


73

Incident Energy (MeV)

61-Pm-130

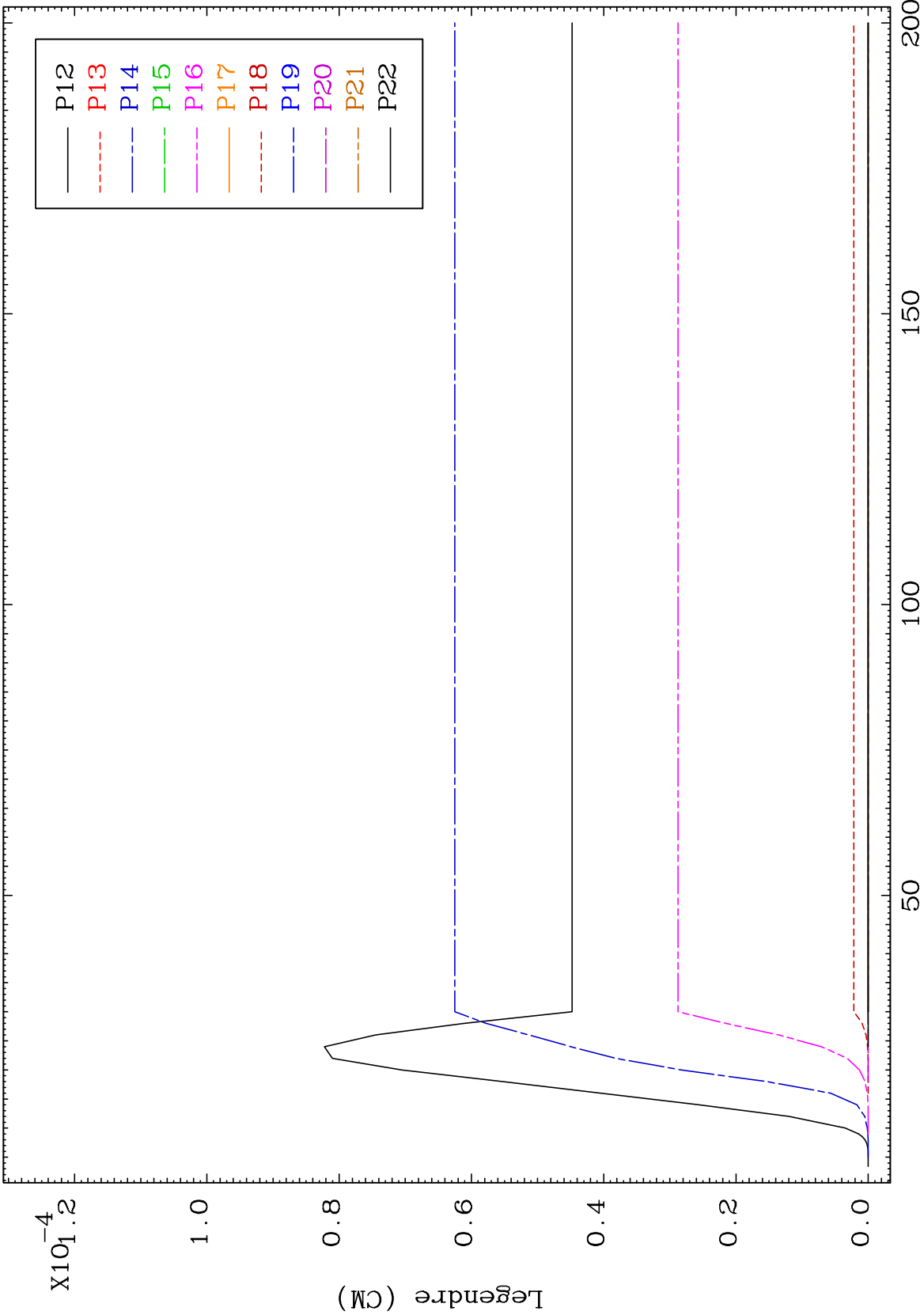




MAT 6098

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

61-Pm-130



76

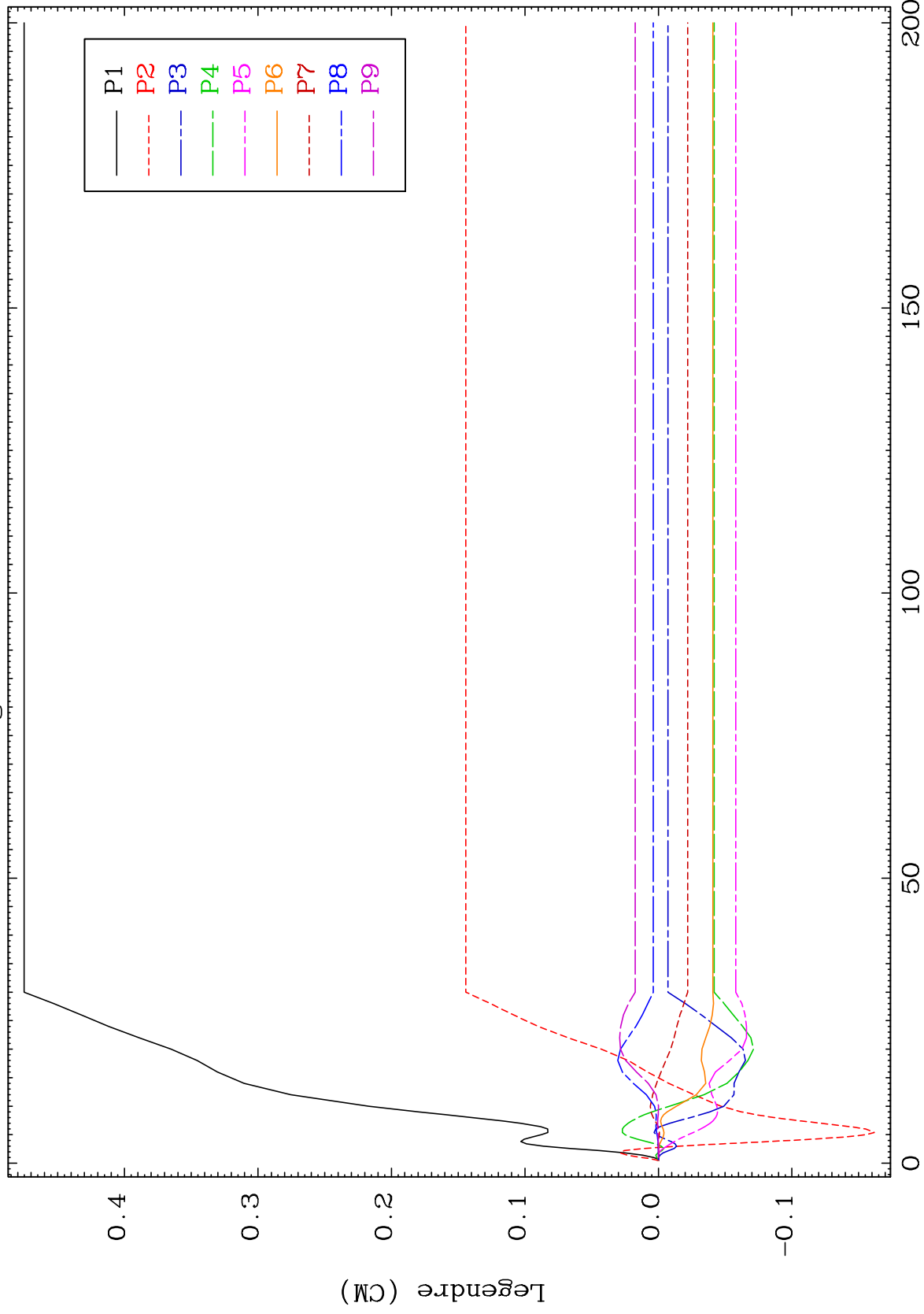
Incident Energy (MeV)

61-Pm-130

MAT 6098

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

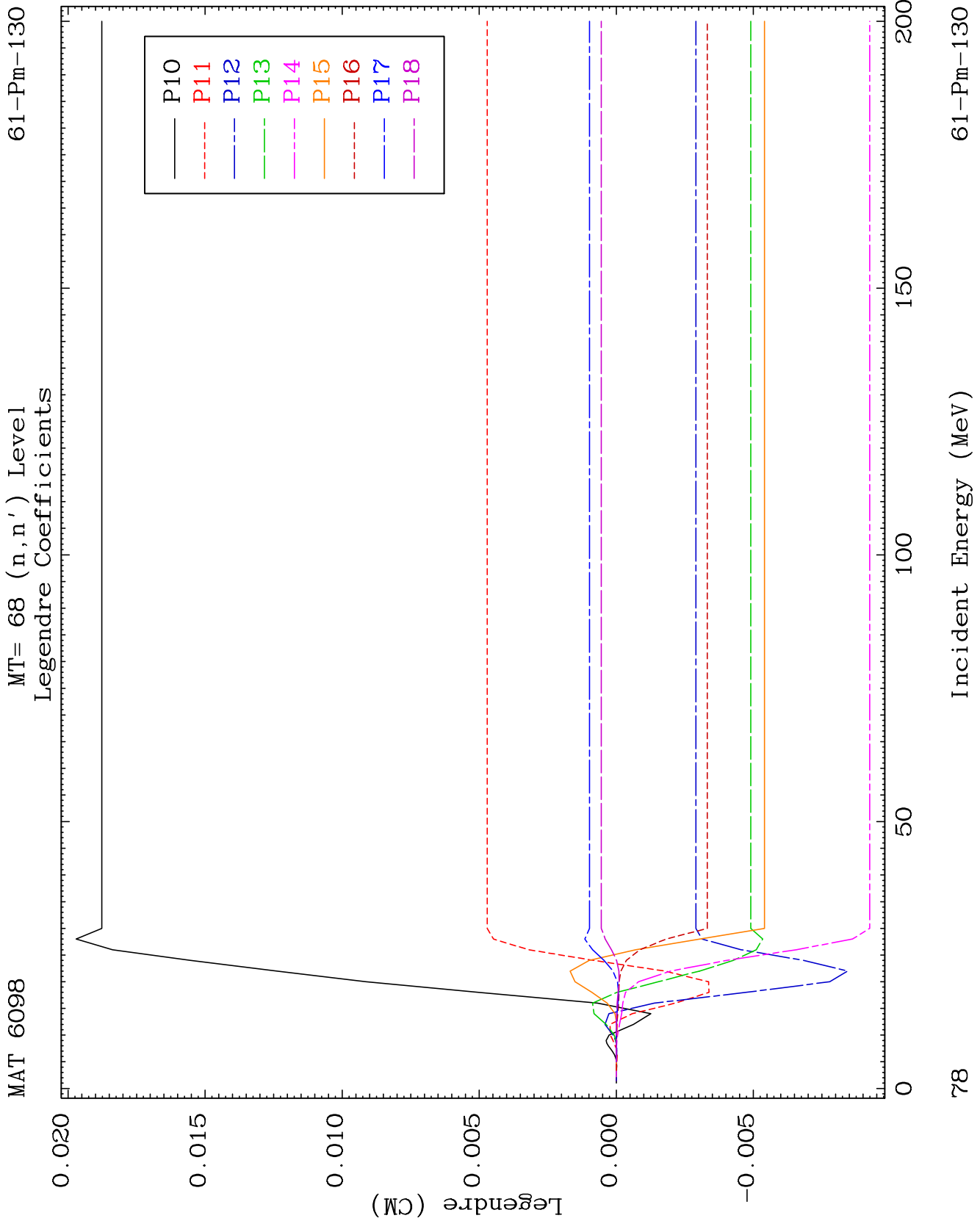
61-Pm-130



77

Incident Energy (MeV)

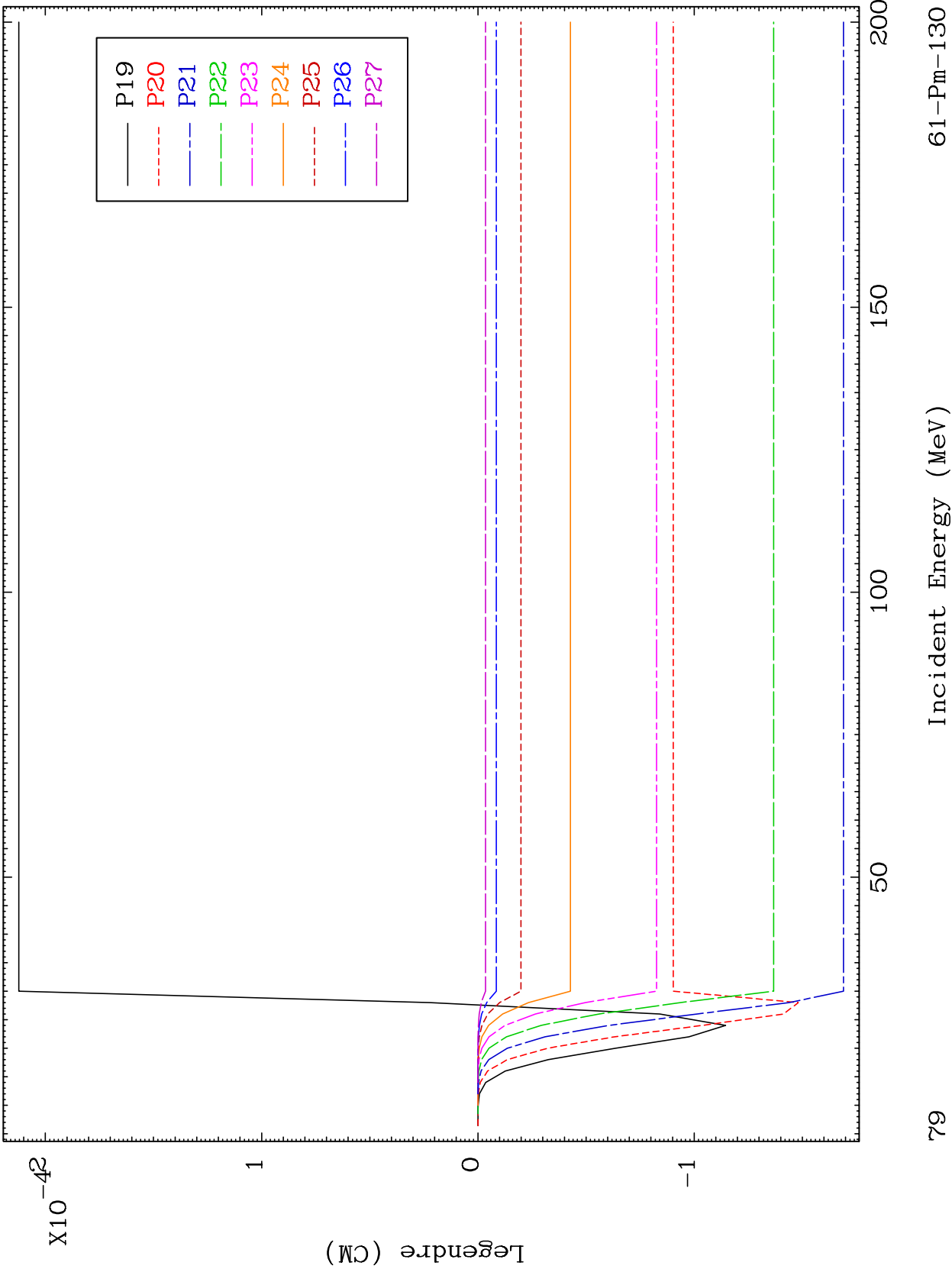
61-Pm-130



MAT 6098

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

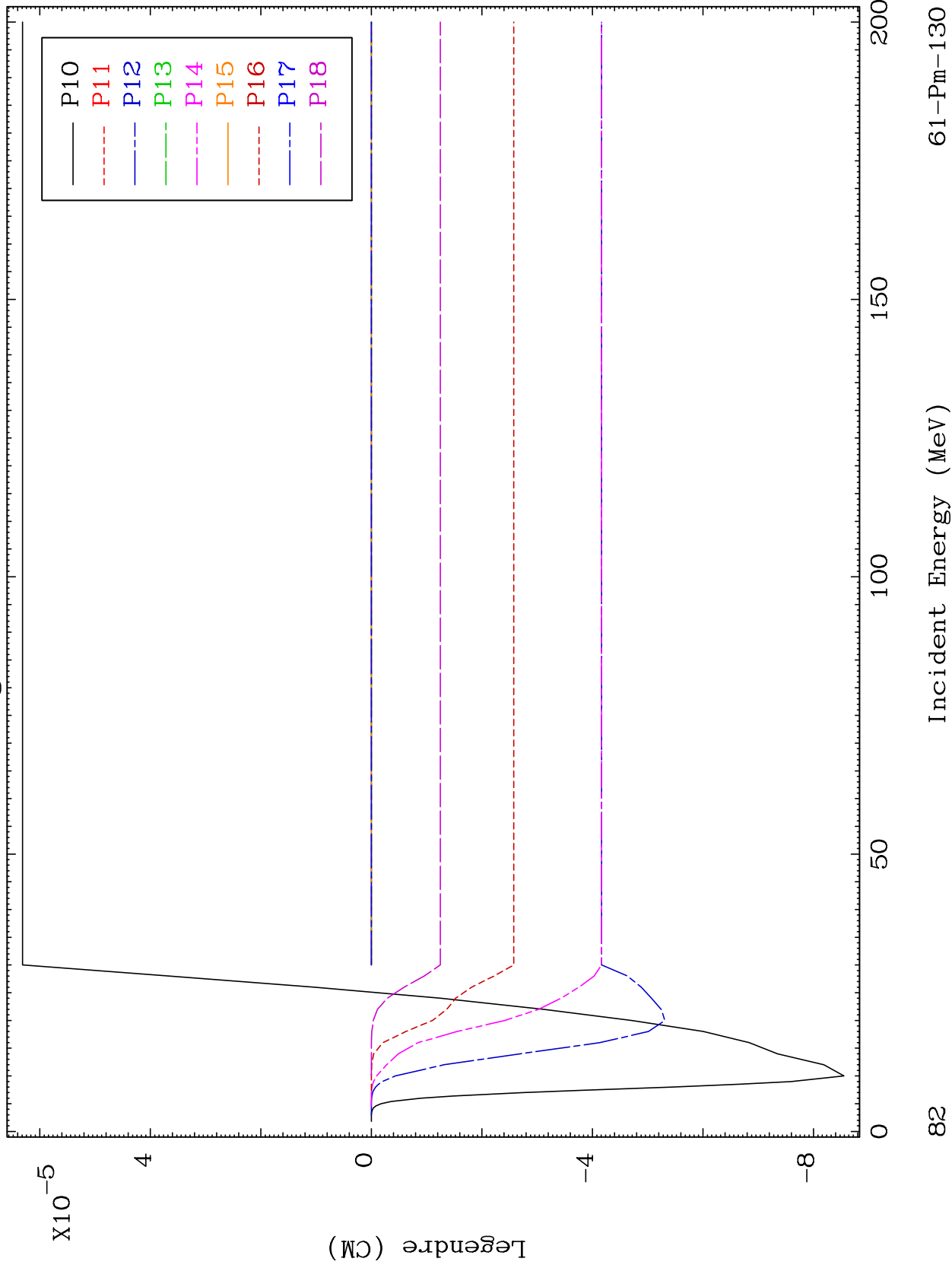
61-Pm-130

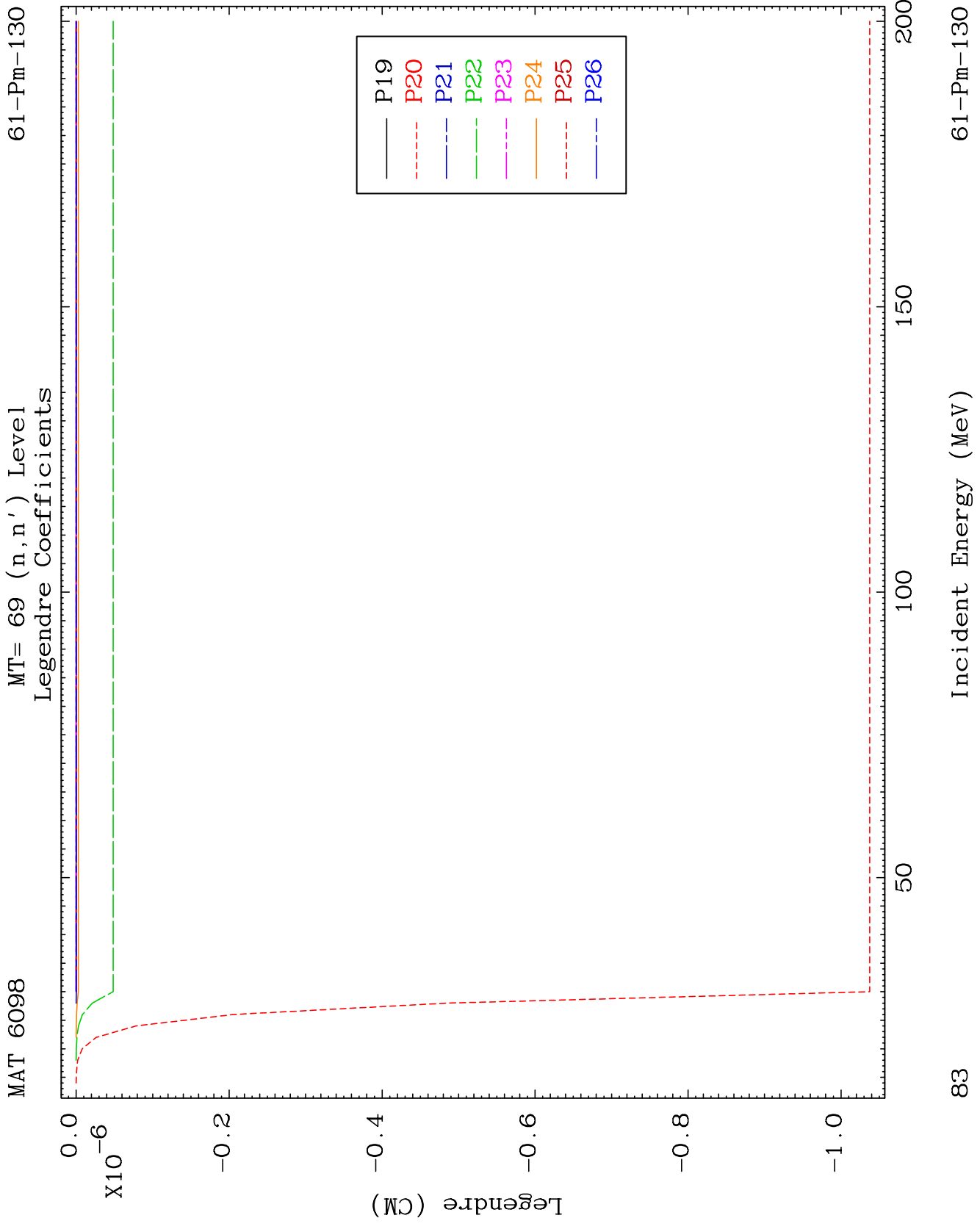


MAT 6098

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

61-Pm-130

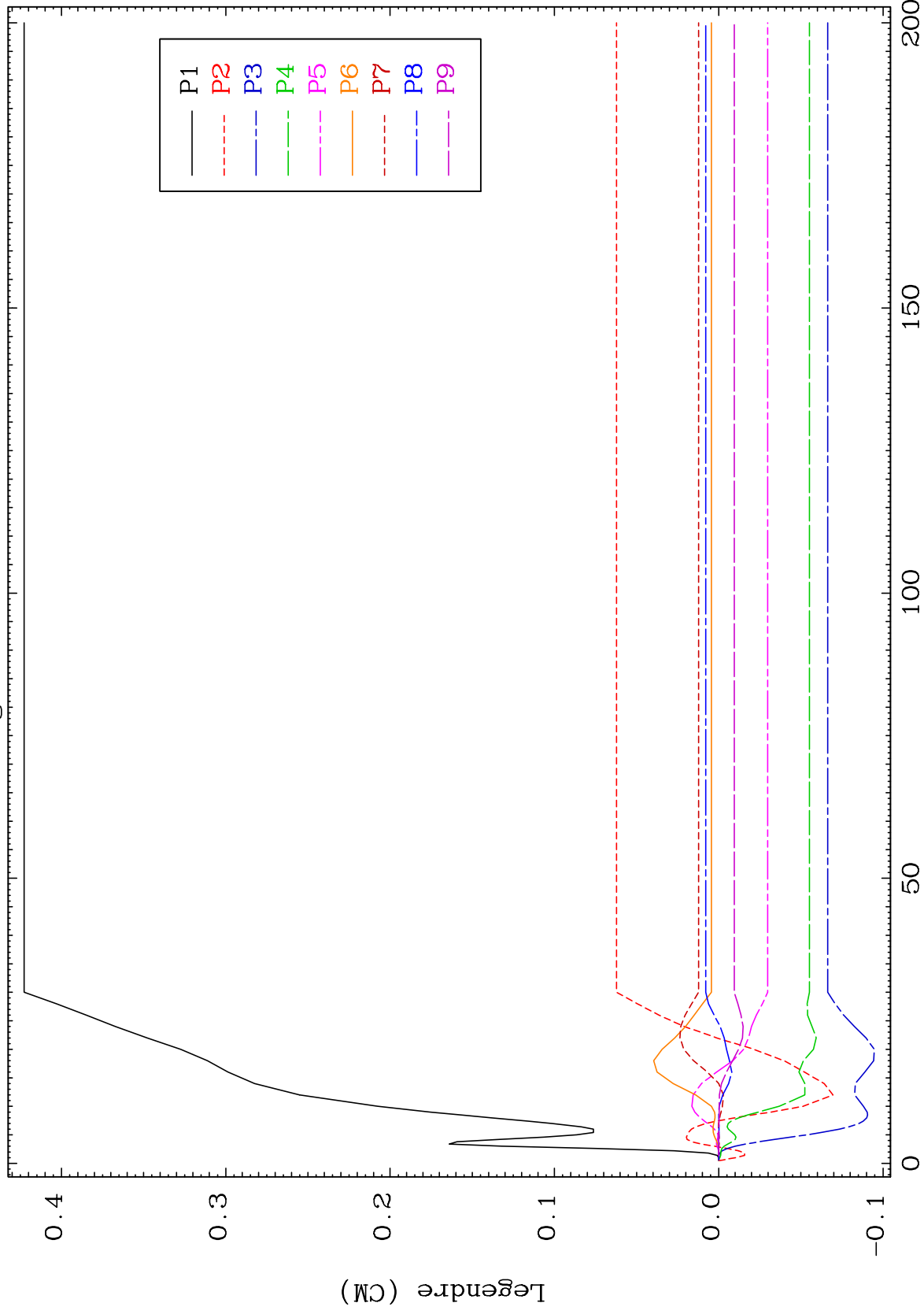




MAT 6098

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

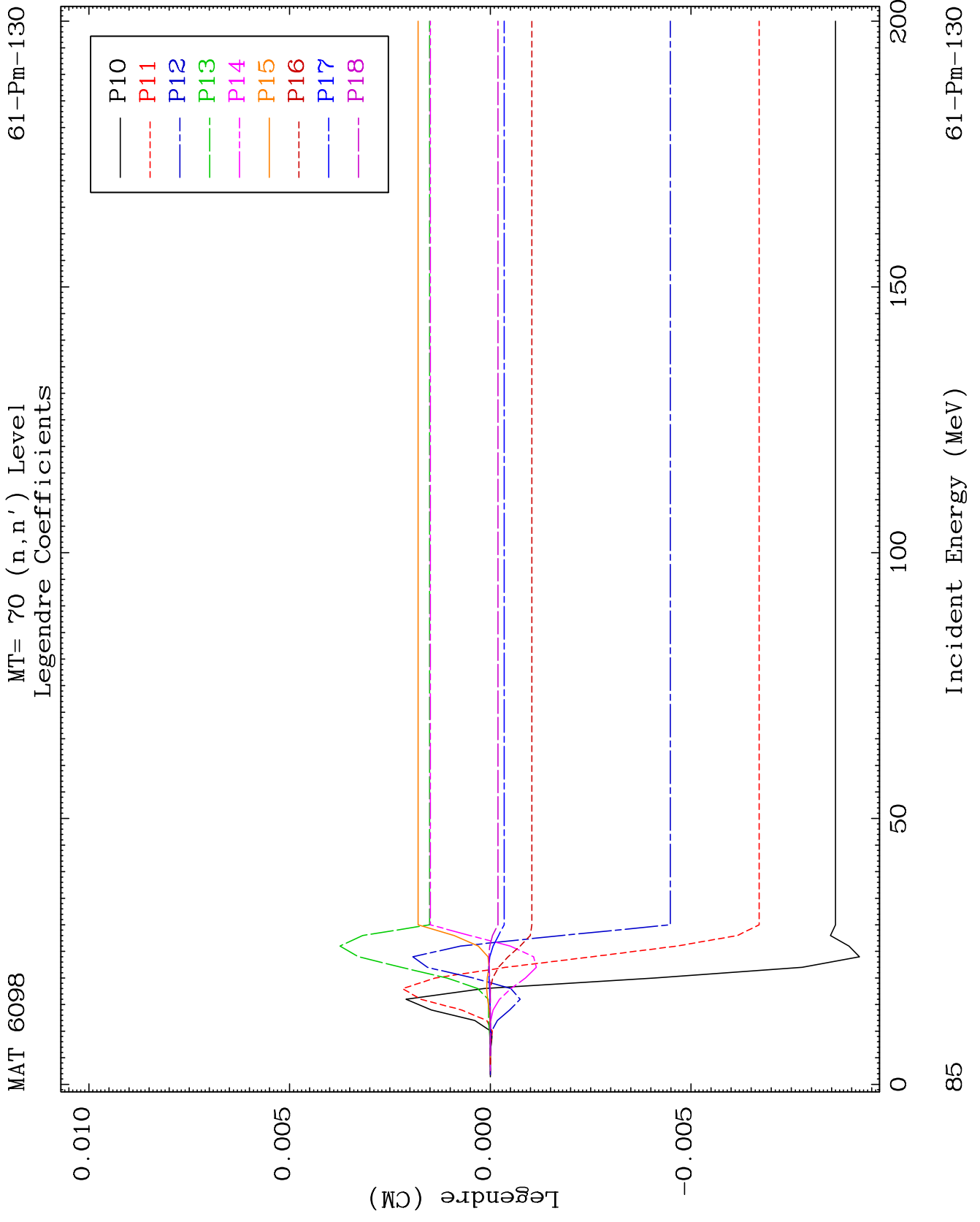
61-Pm-130



84

Incident Energy (MeV)

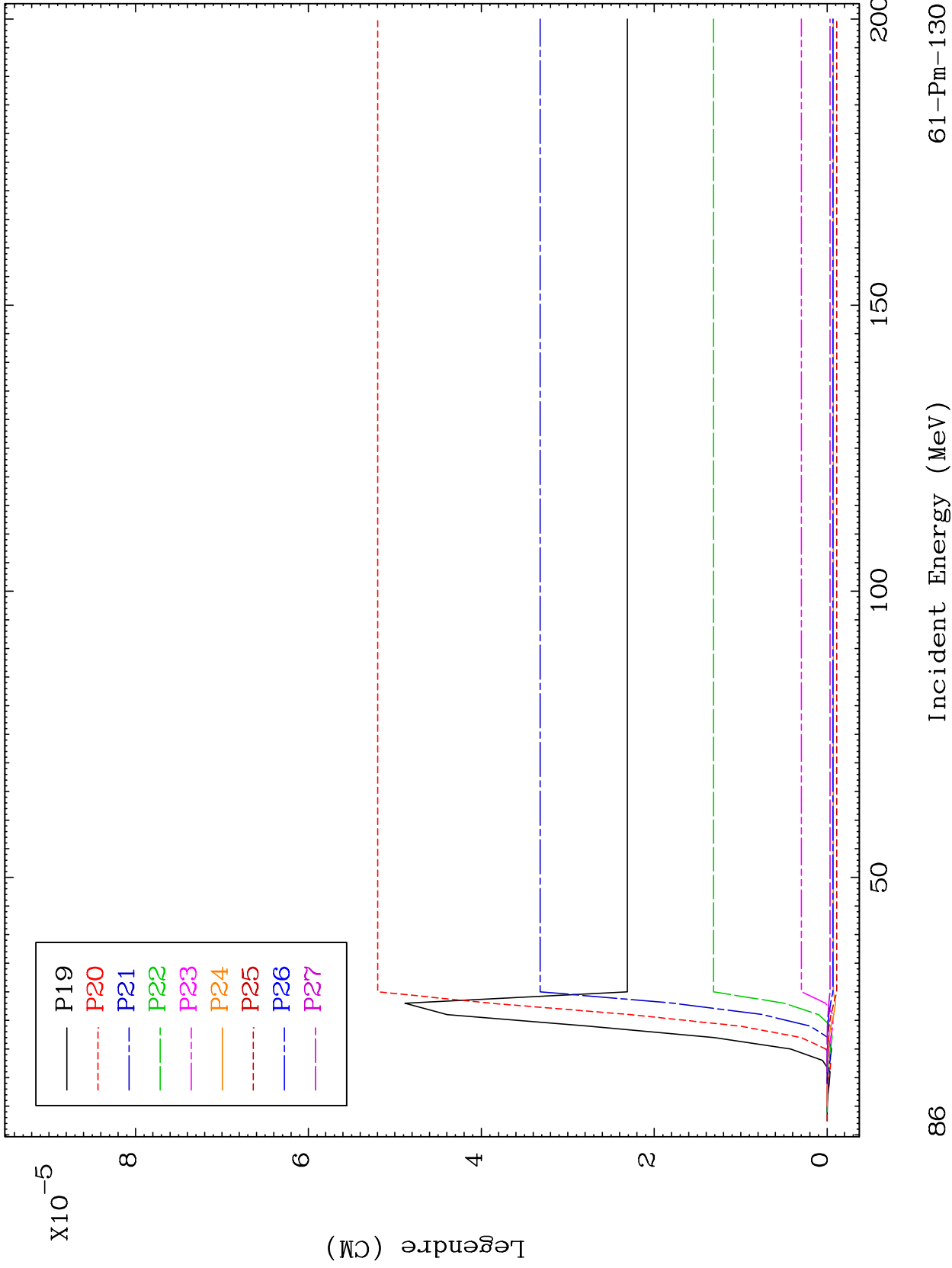
61-Pm-130



MAT 6098

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

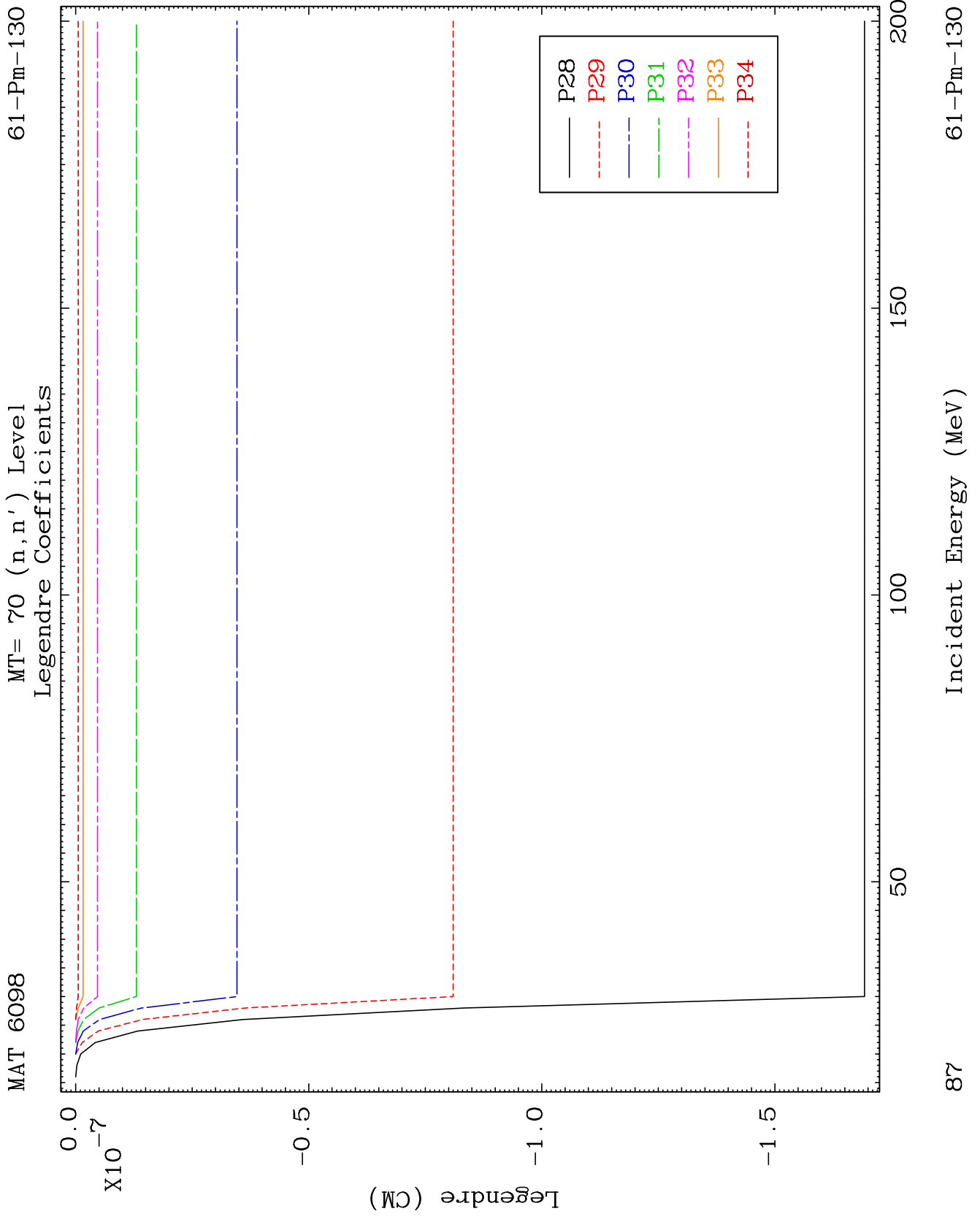
61-Pm-130



86

Incident Energy (MeV)

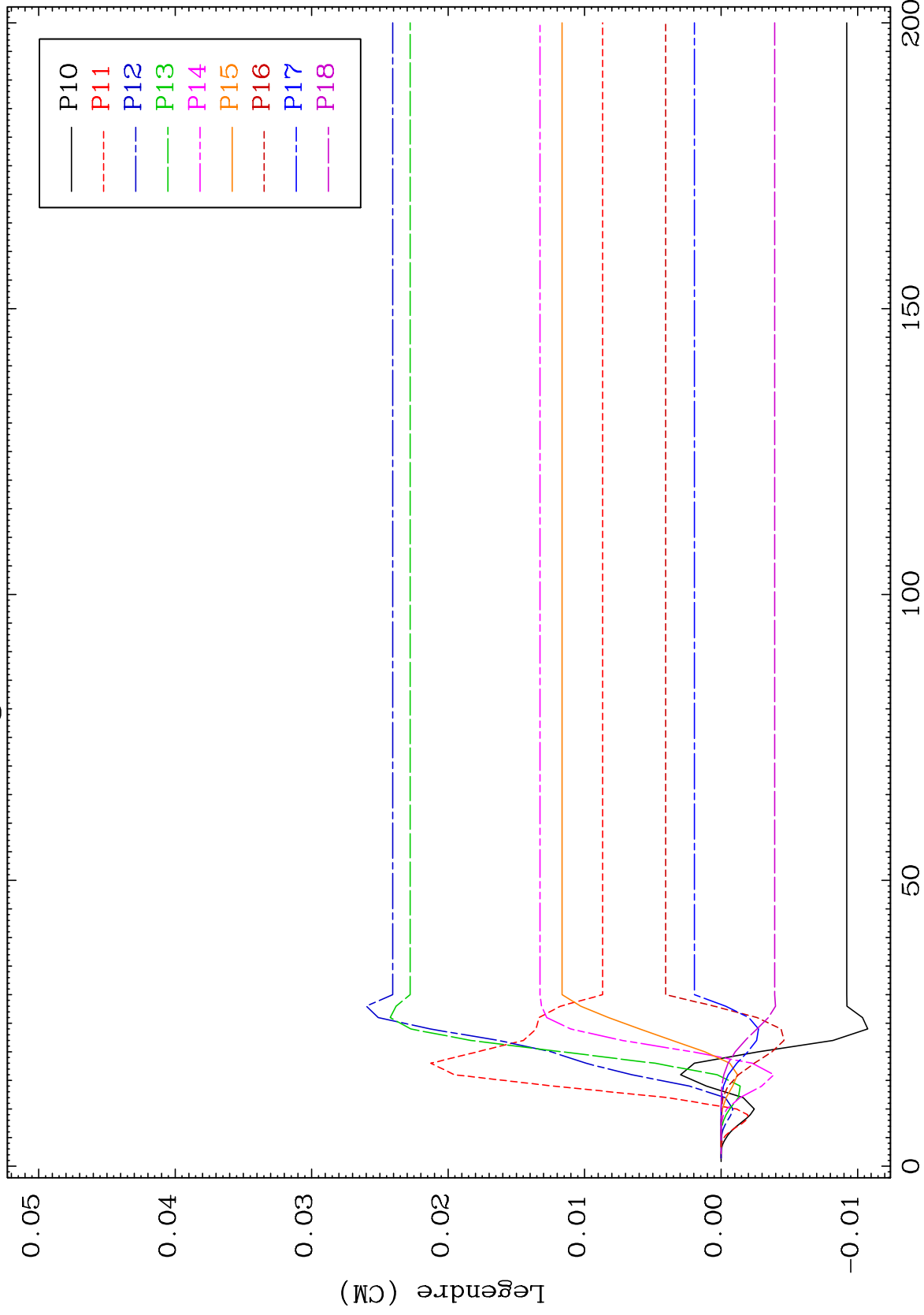
61-Pm-130



MAT 6098

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

61-Pm-130



89

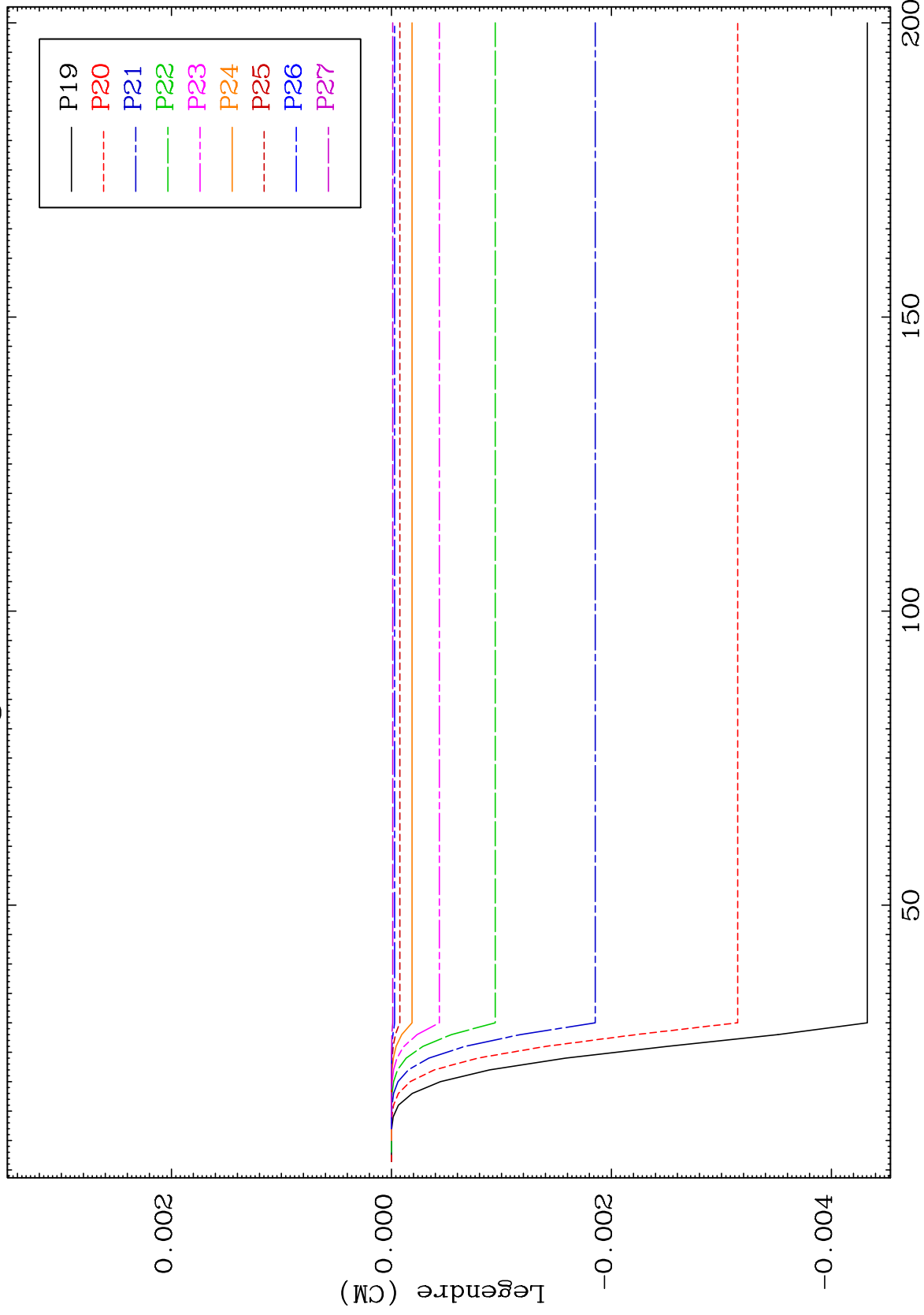
Incident Energy (MeV)

61-Pm-130

MAT 6098

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

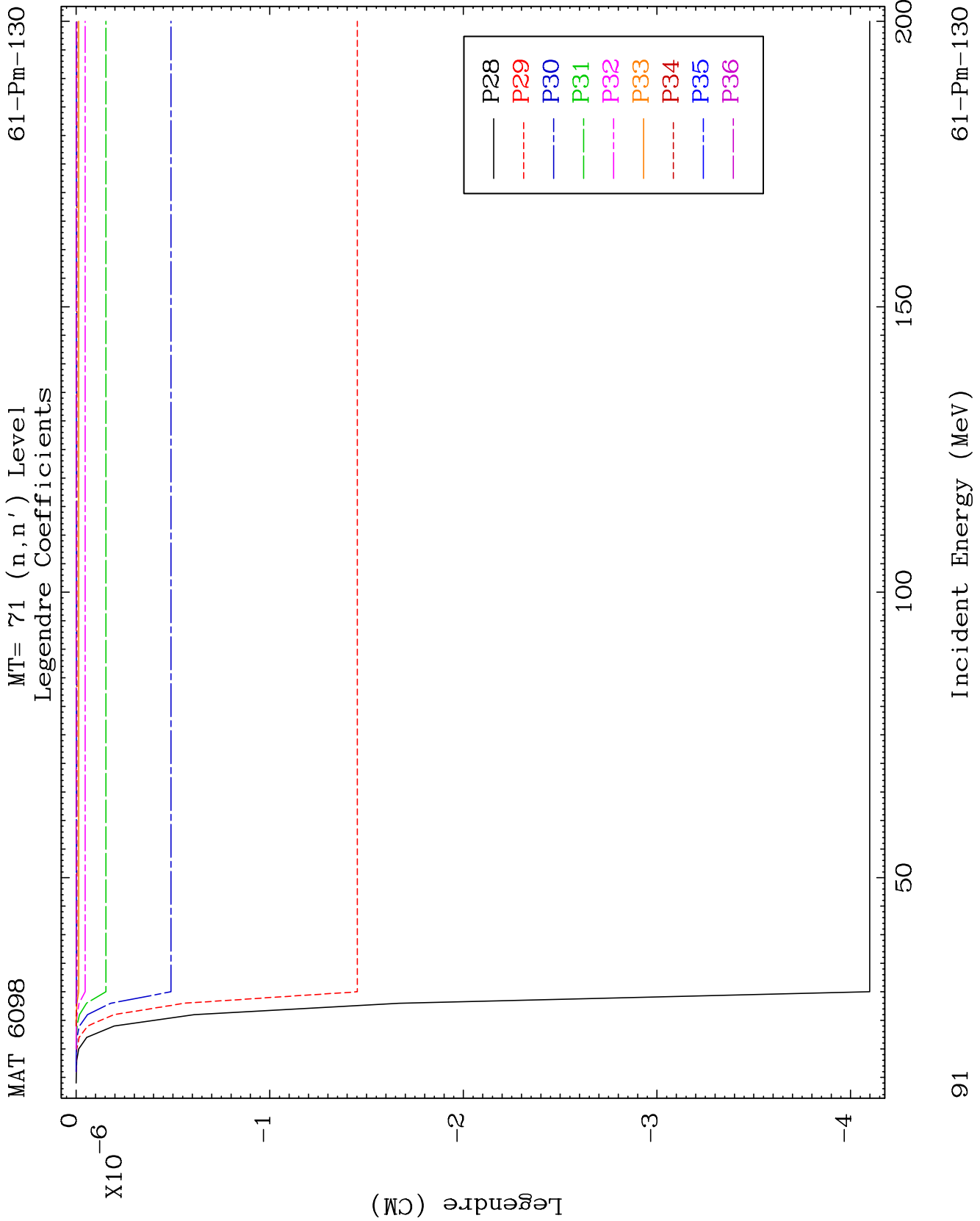
61-Pm-130

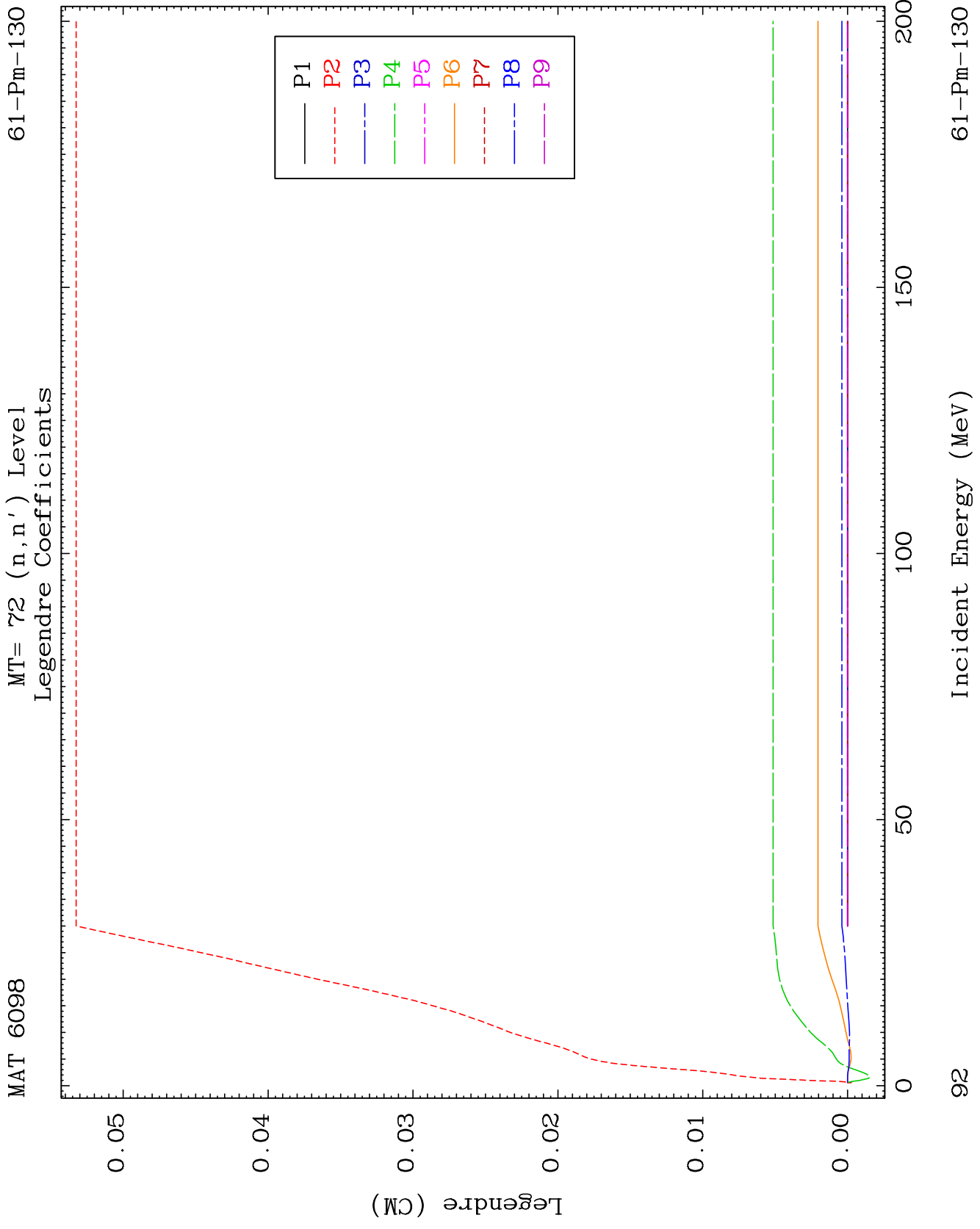


90

Incident Energy (MeV)

61-Pm-130

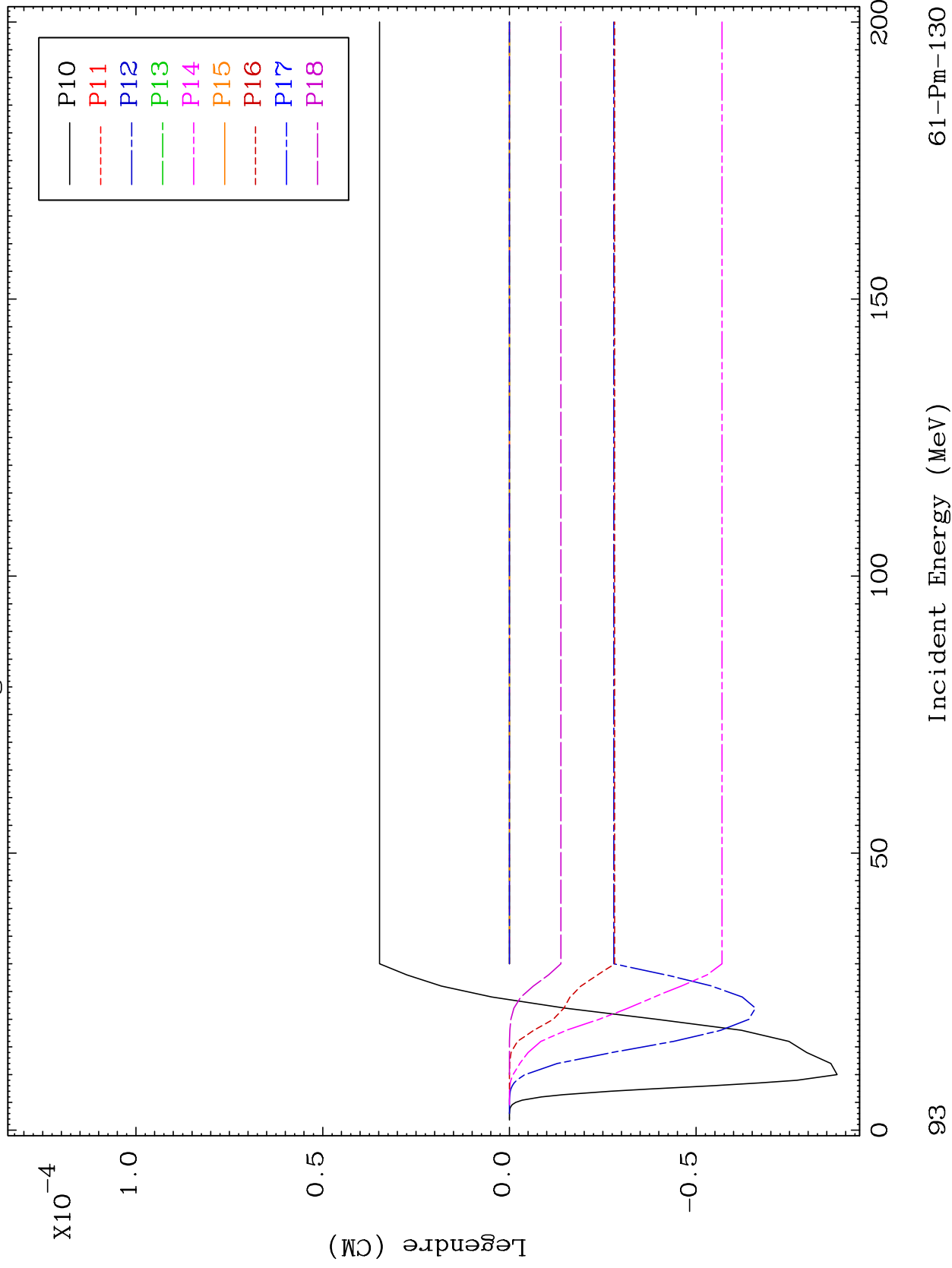




MAT 6098

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

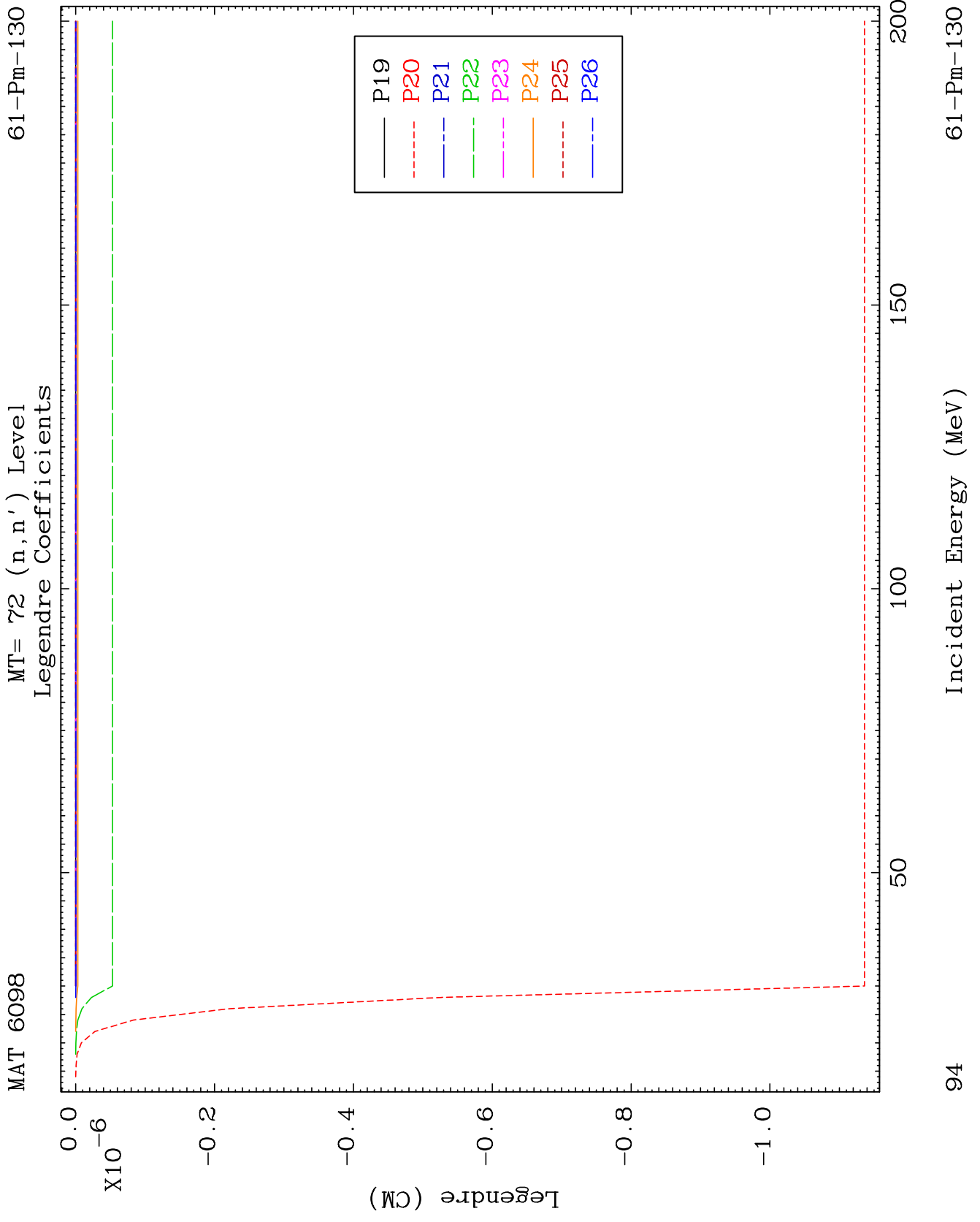
61-Pm-130



93

Incident Energy (MeV)

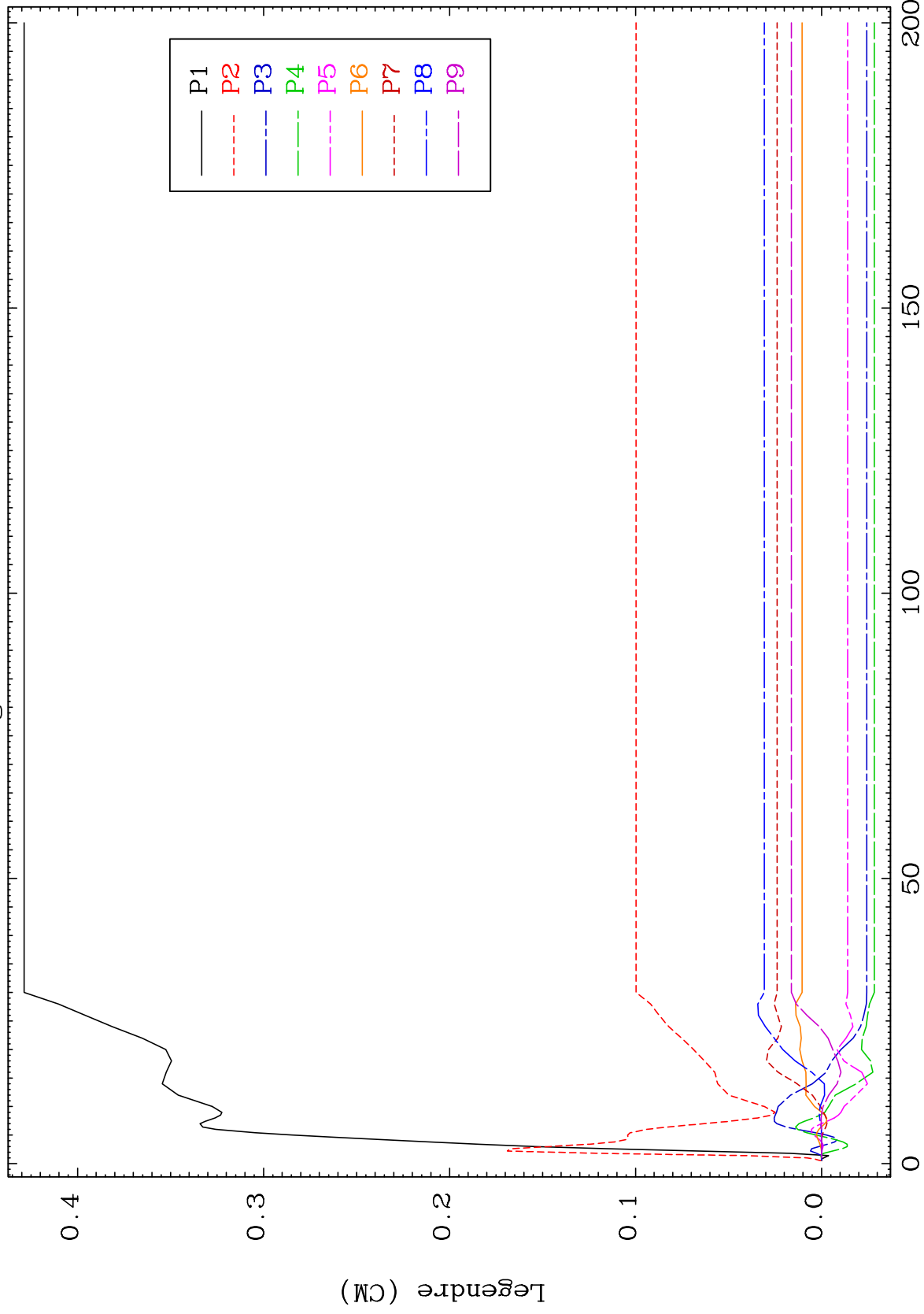
61-Pm-130



MAT 6098

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

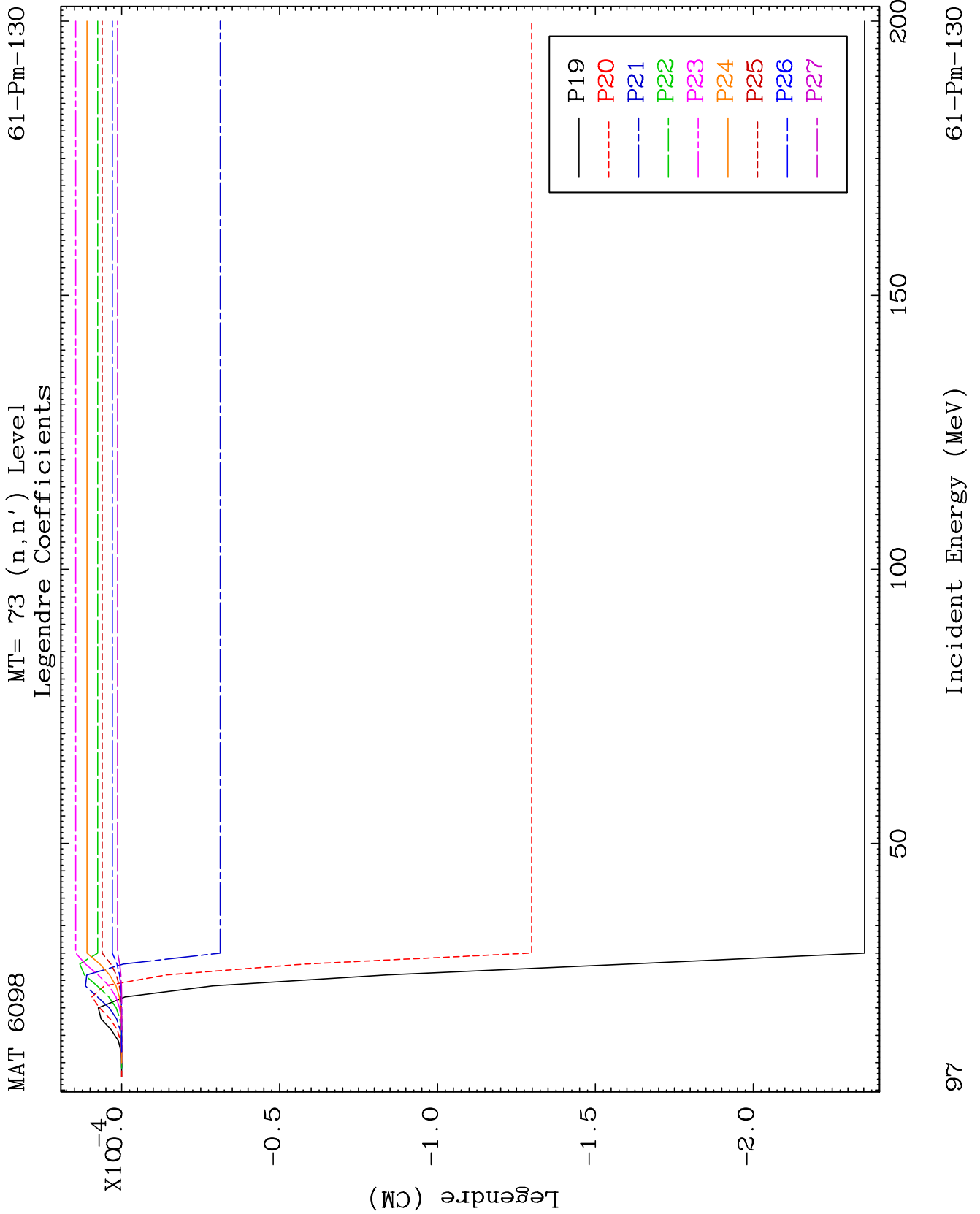
61-Pm-130



95

Incident Energy (MeV)

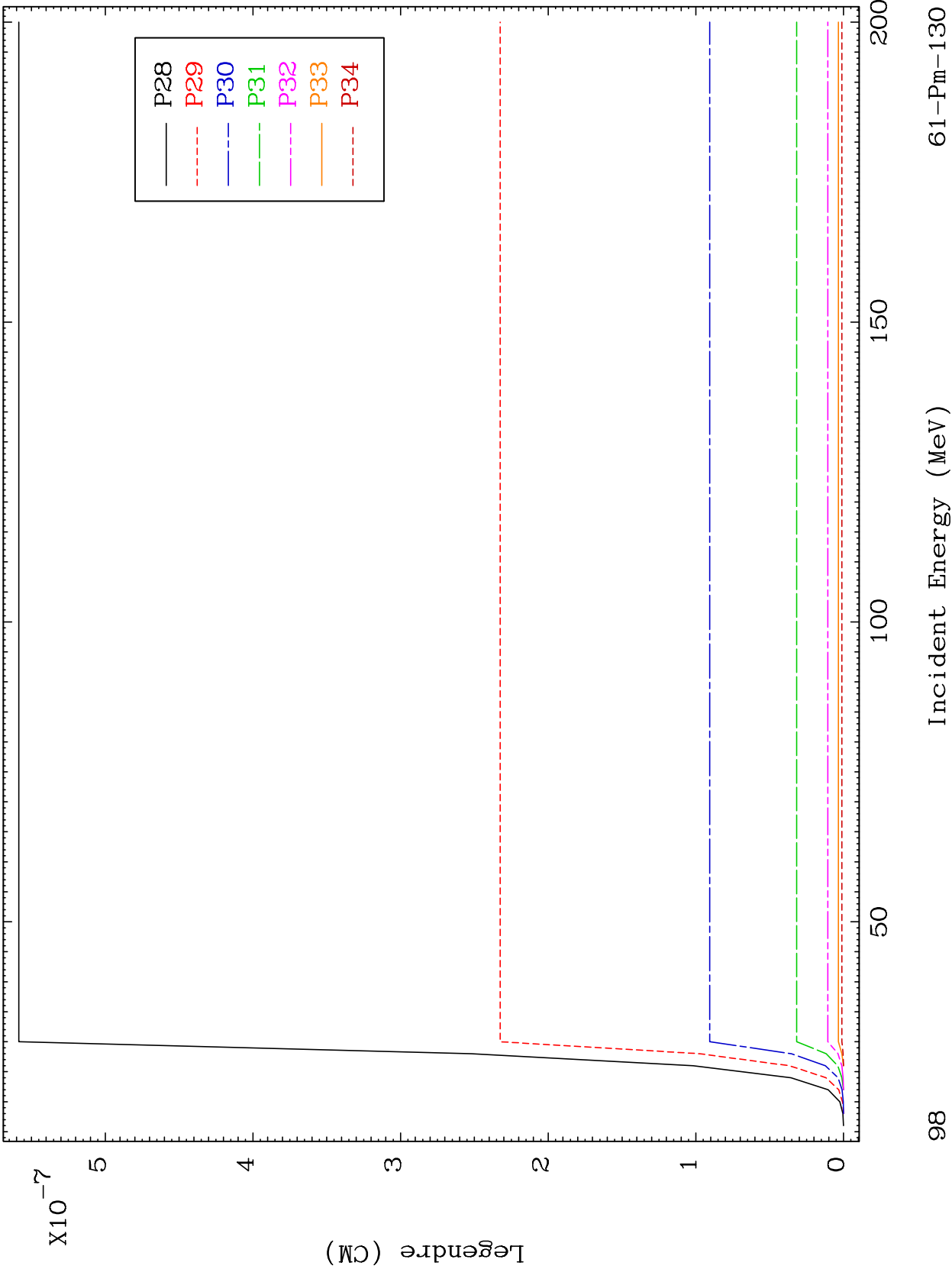
61-Pm-130



MAT 6098

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

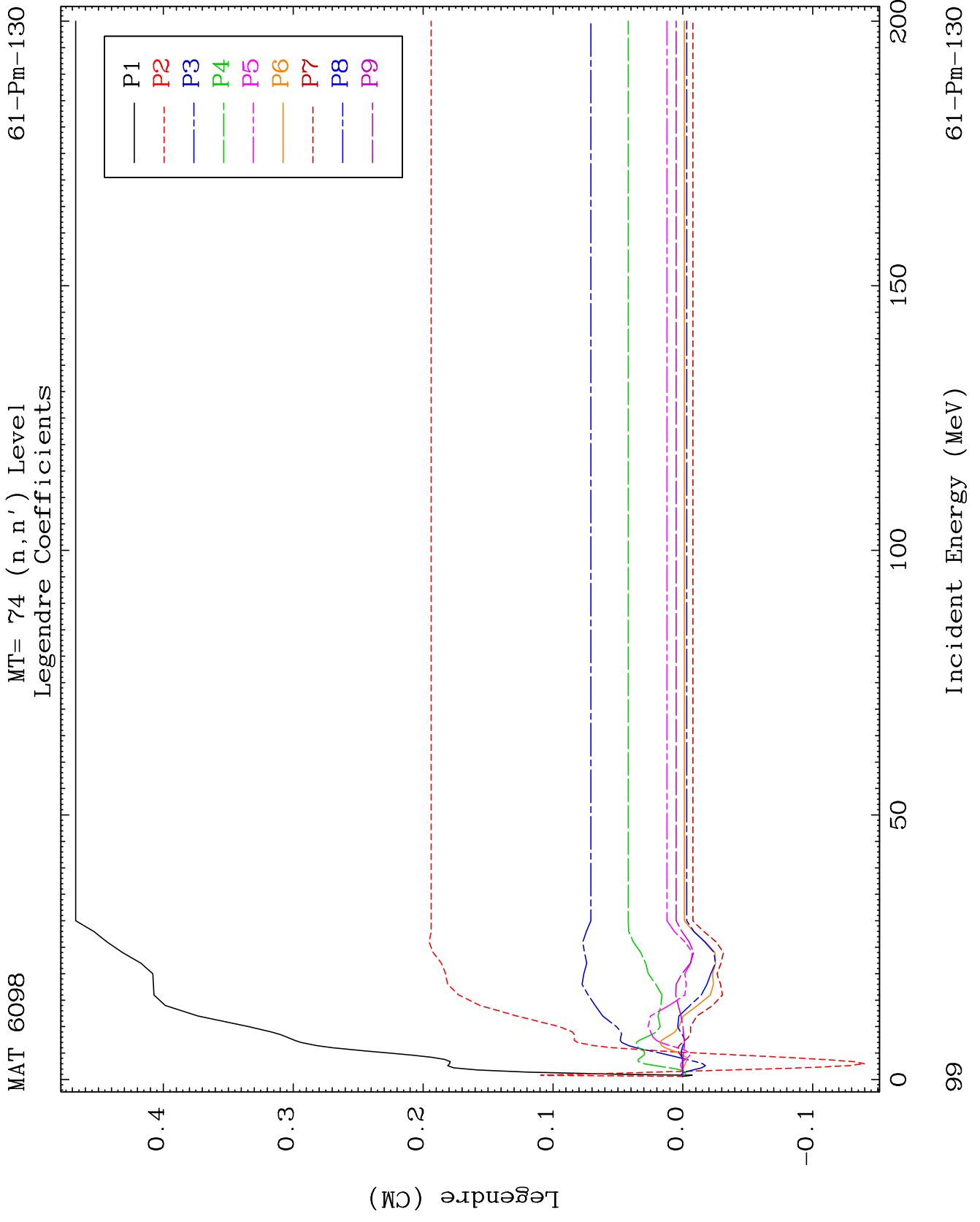
61-Pm-130



98

Incident Energy (MeV)

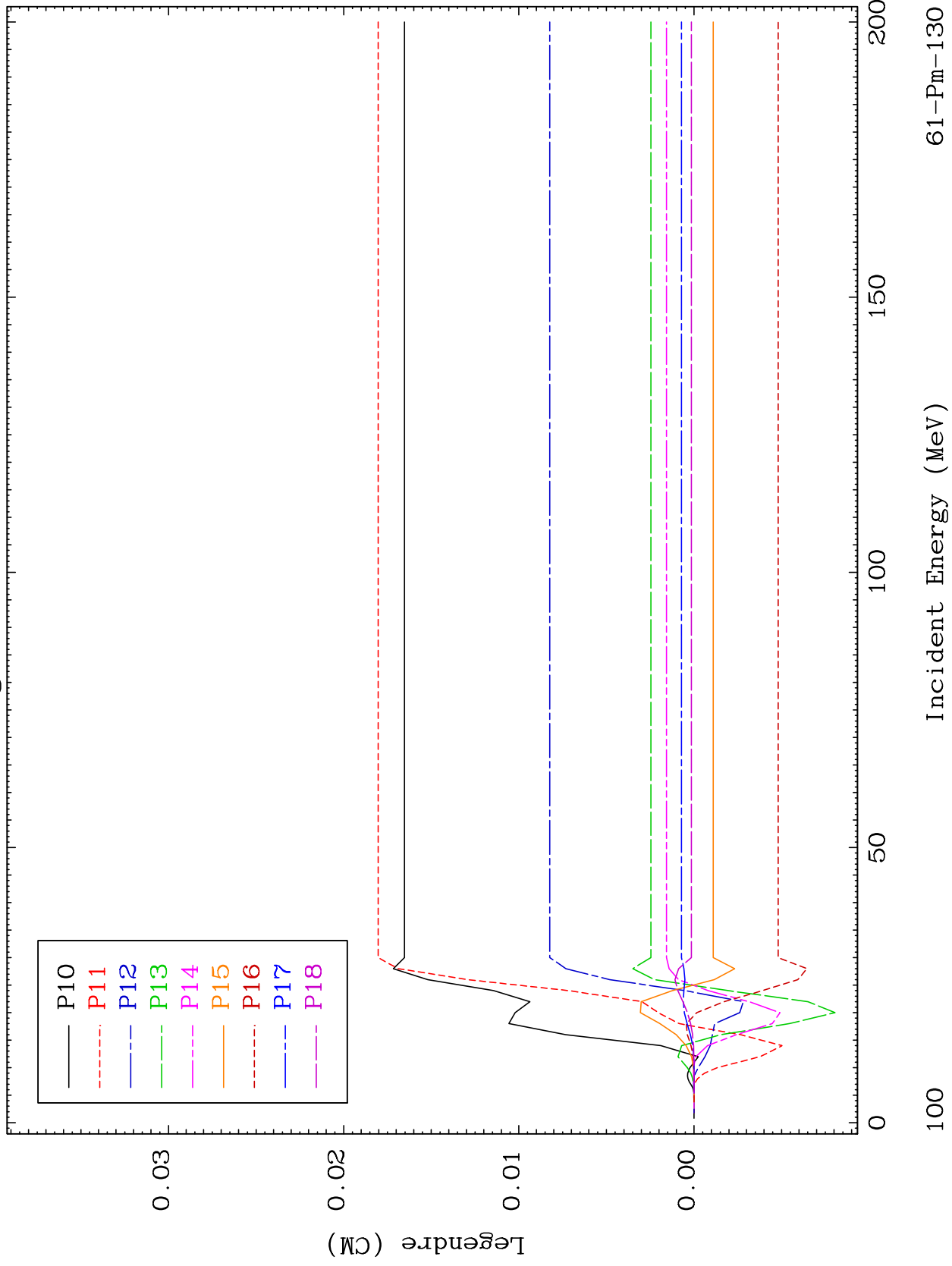
61-Pm-130



MAT 6098

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

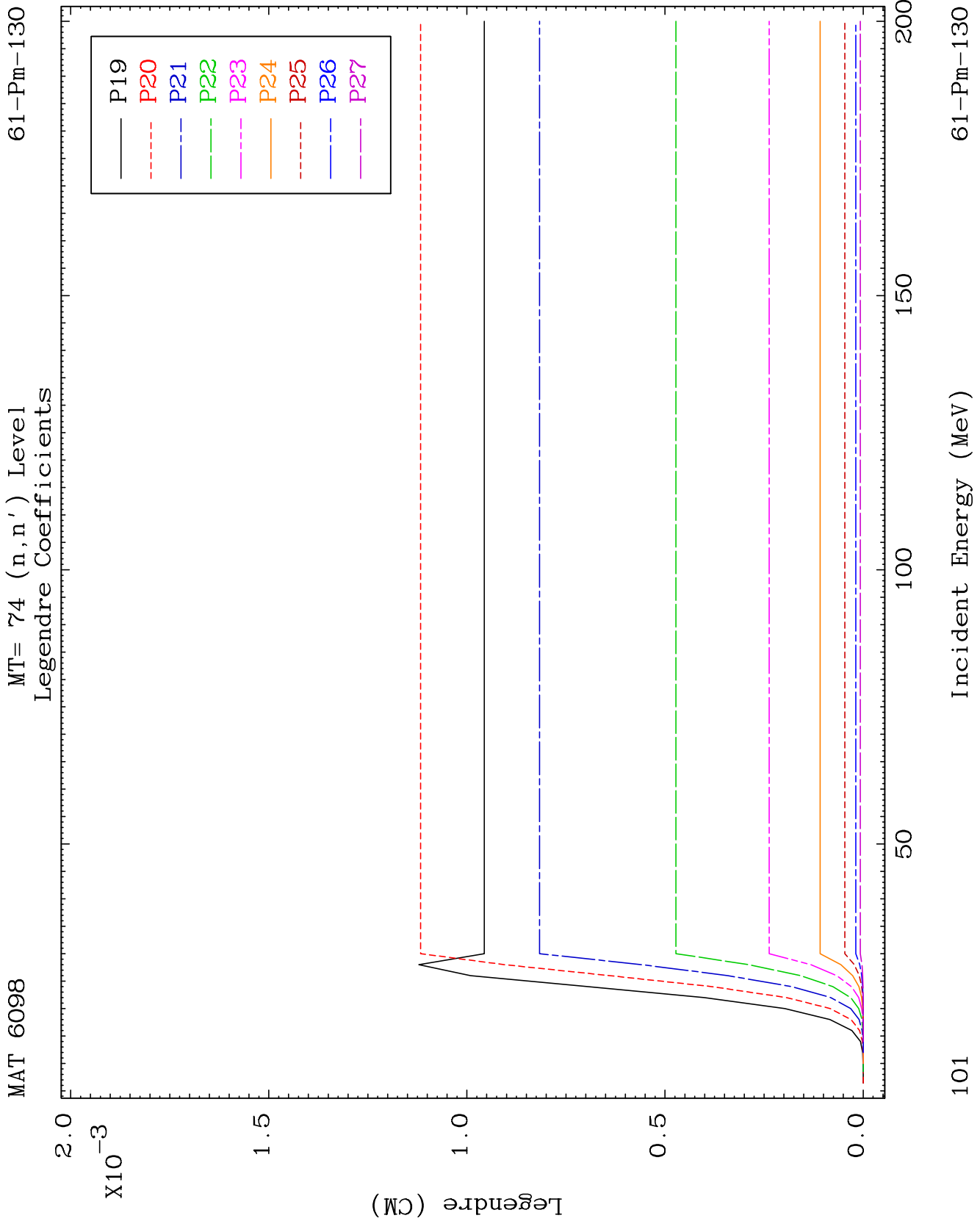
61-Pm-130



61-Pm-130

Incident Energy (MeV)

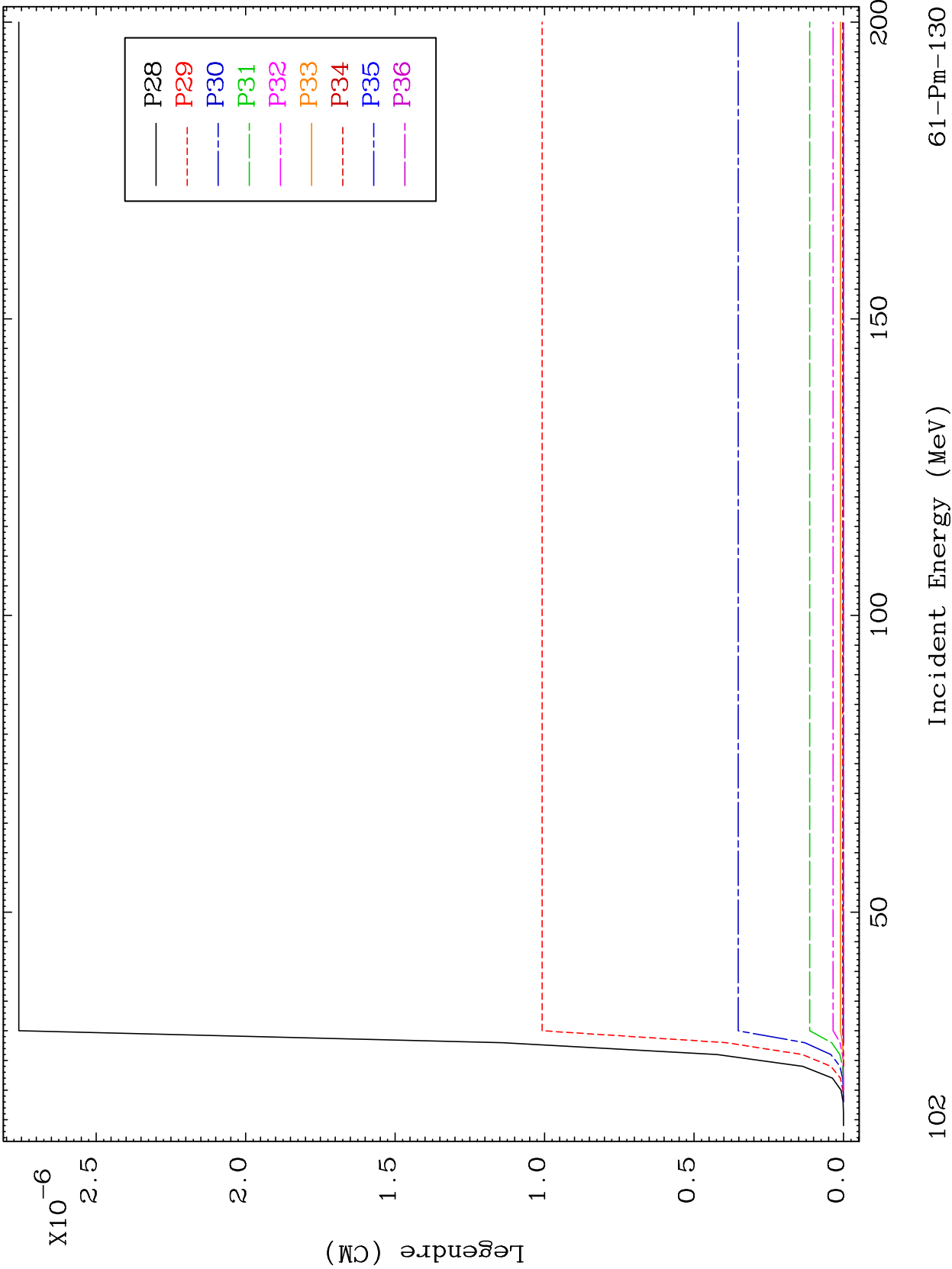
100



MAT 6098

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

61-Pm-130



102

Incident Energy (MeV)

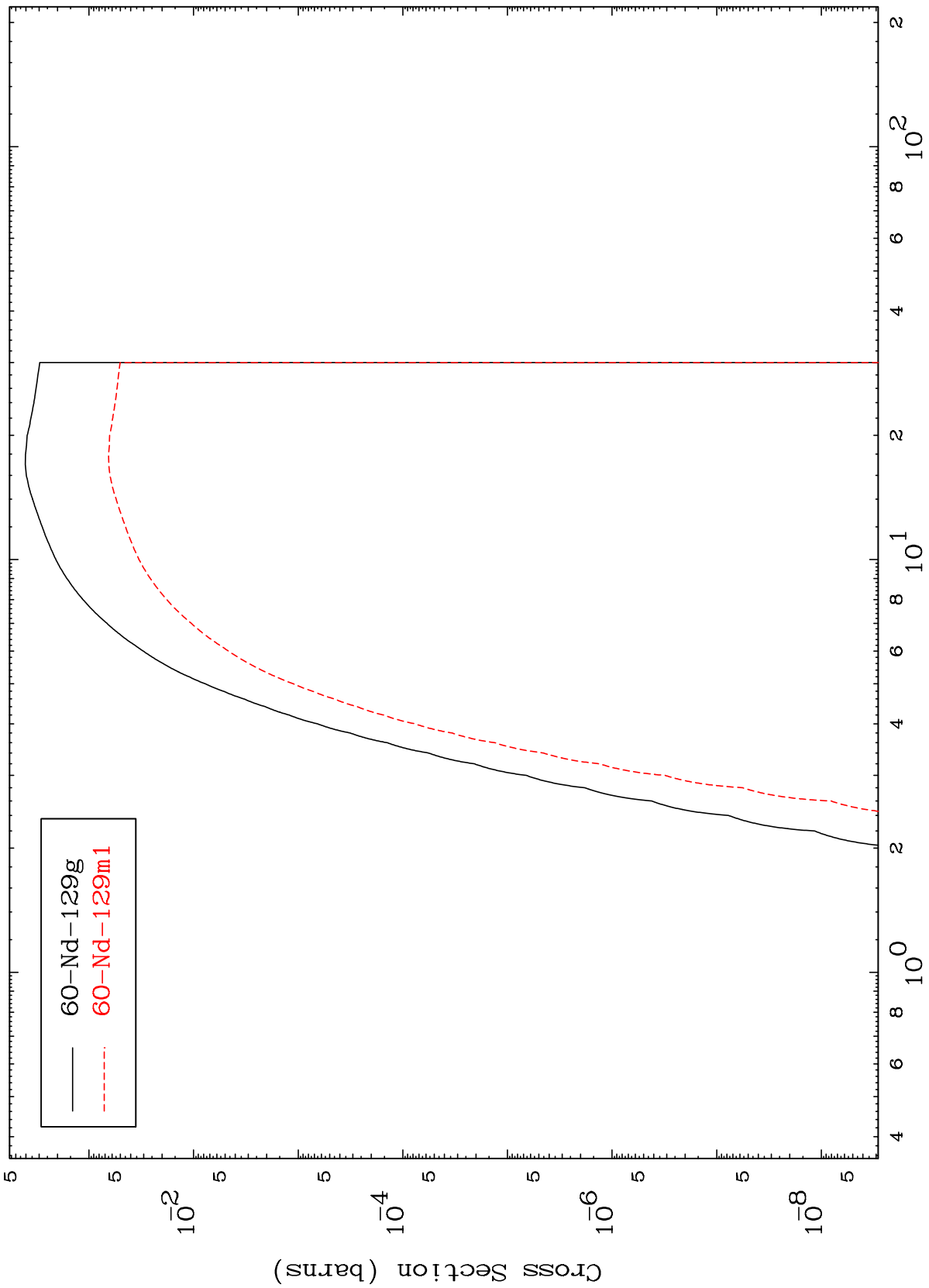
61-Pm-130

MAT 6098

(n,n') p

61-Pm-130

Radionuclide Production Cross Section



60-Nd-129g
60-Nd-129m1

103

Incident Energy (MeV)

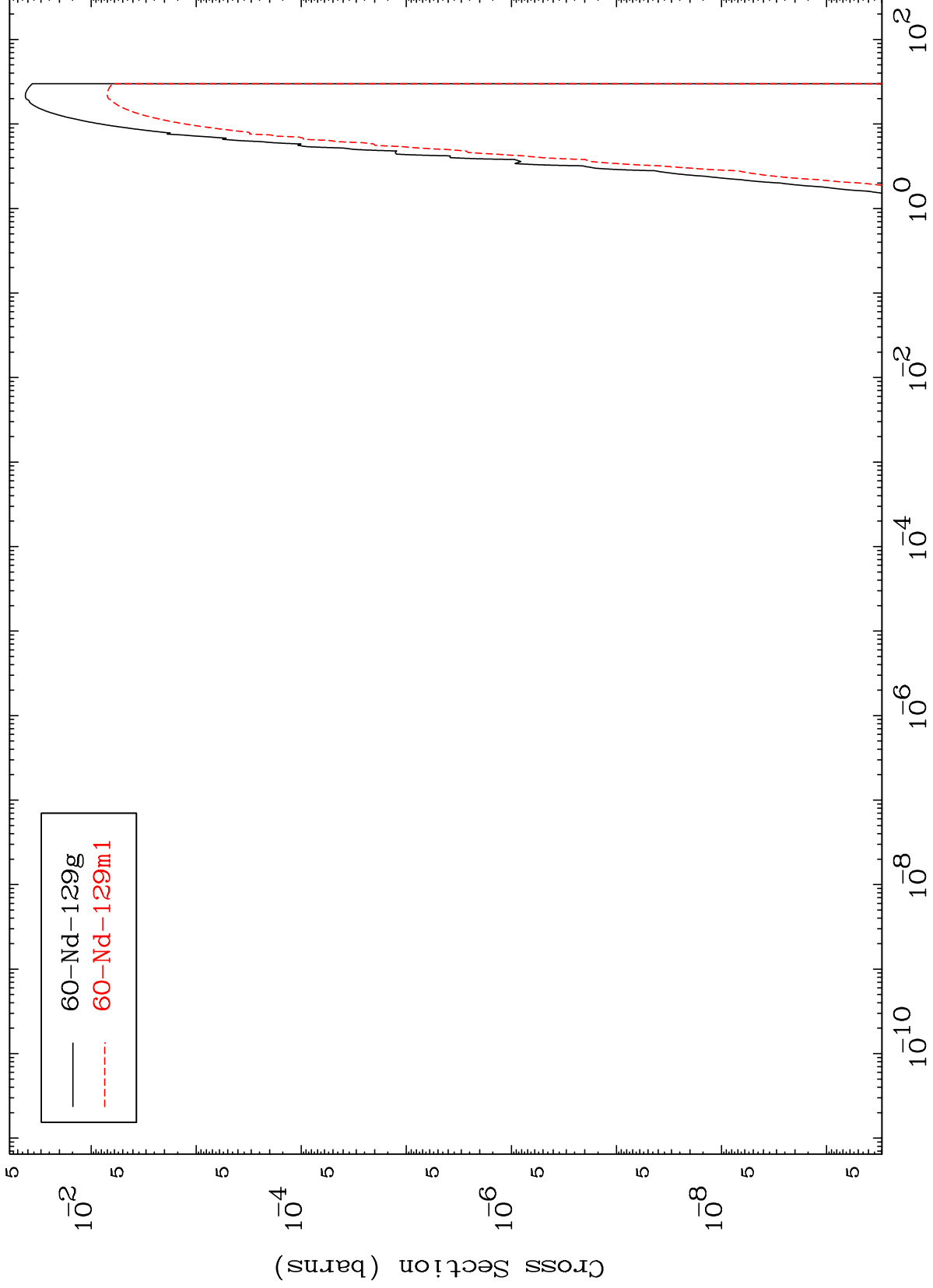
61-Pm-130

MAT 6098

(n,d)

61-Pm-130

Radionuclide Production Cross Section



104

Incident Energy (MeV)

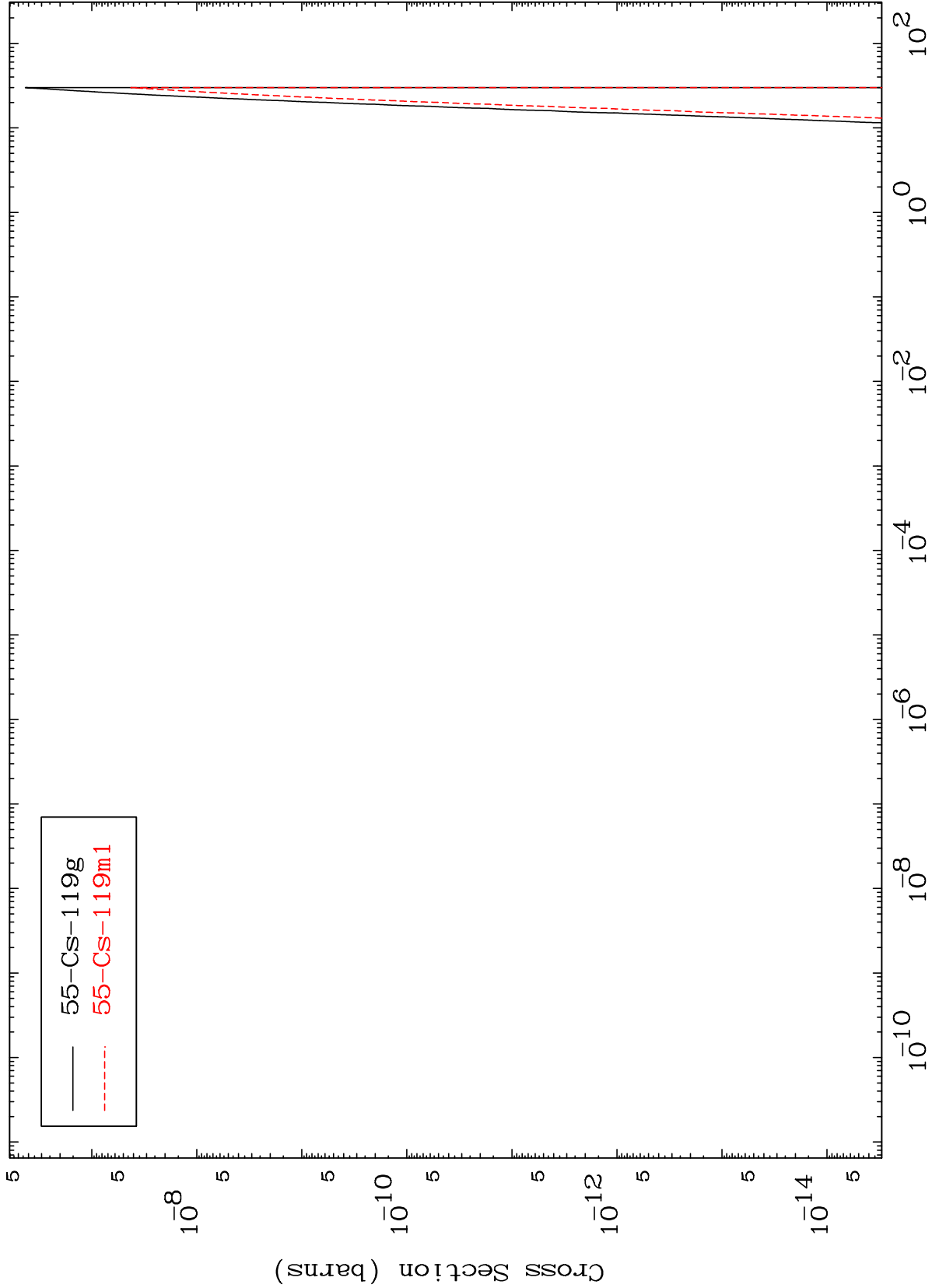
61-Pm-130

MAT 6098

(n, 3α)

61-Pm-130

Radionuclide Production Cross Section



105

Incident Energy (MeV)

61-Pm-130