

Program EVALPLOT
(Version 2021-1)

by

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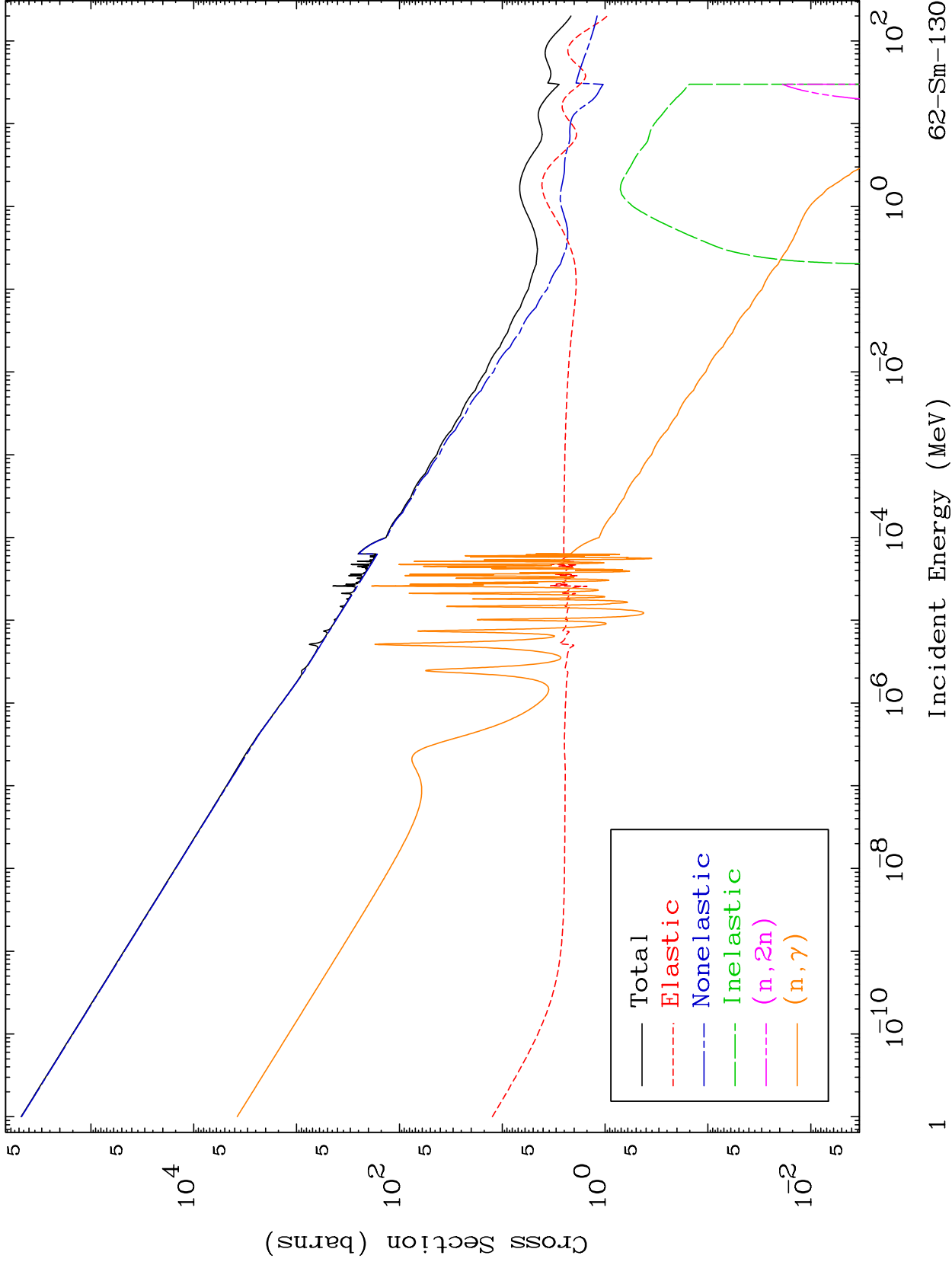
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Press Mouse Button to Start

MAT 6183

Neutron Major
293 Kelvin Cross Sections

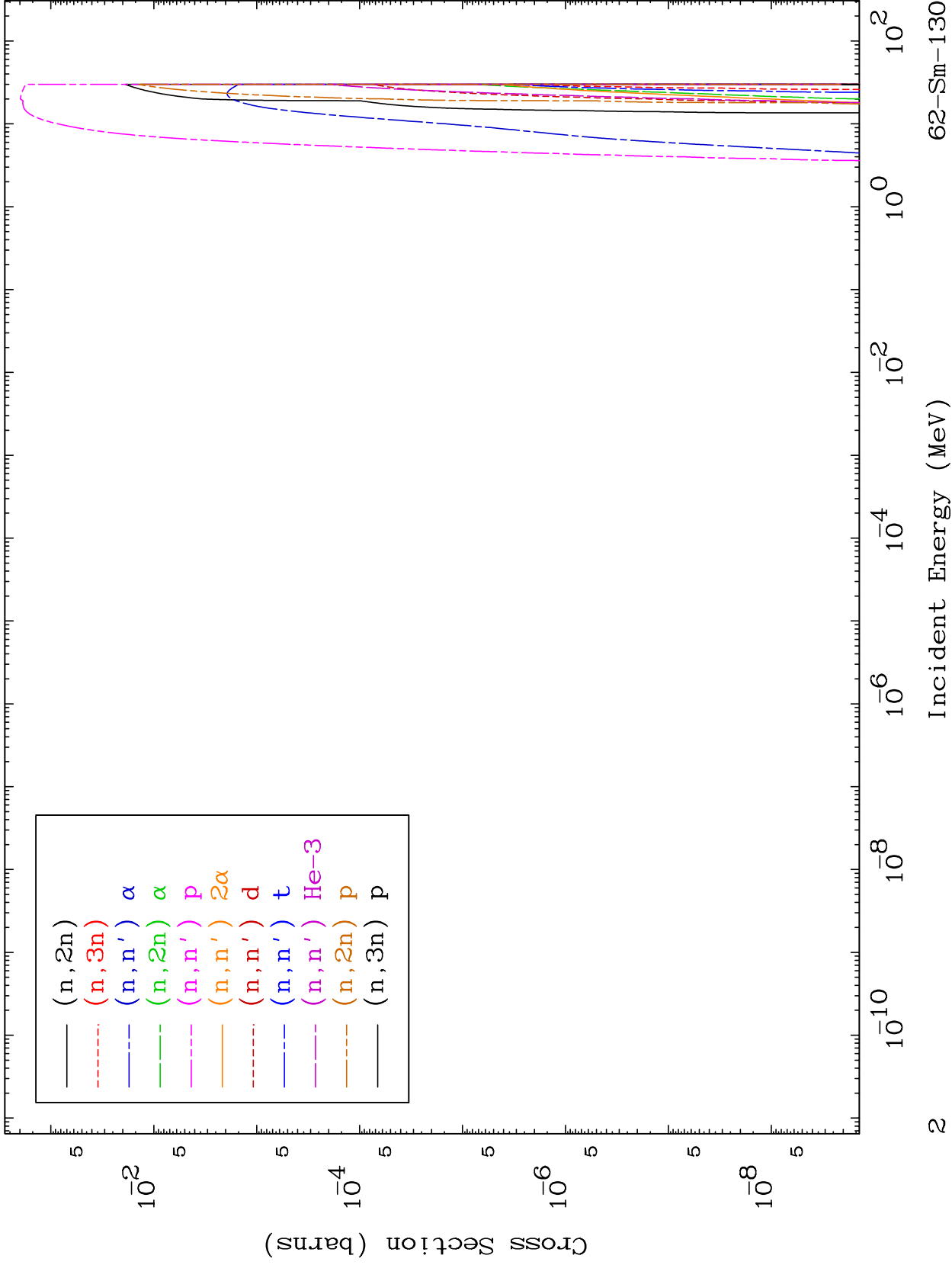
62-Sm-130



MAT 6183

Neutron Absorption
293 Kelvin Cross Sections

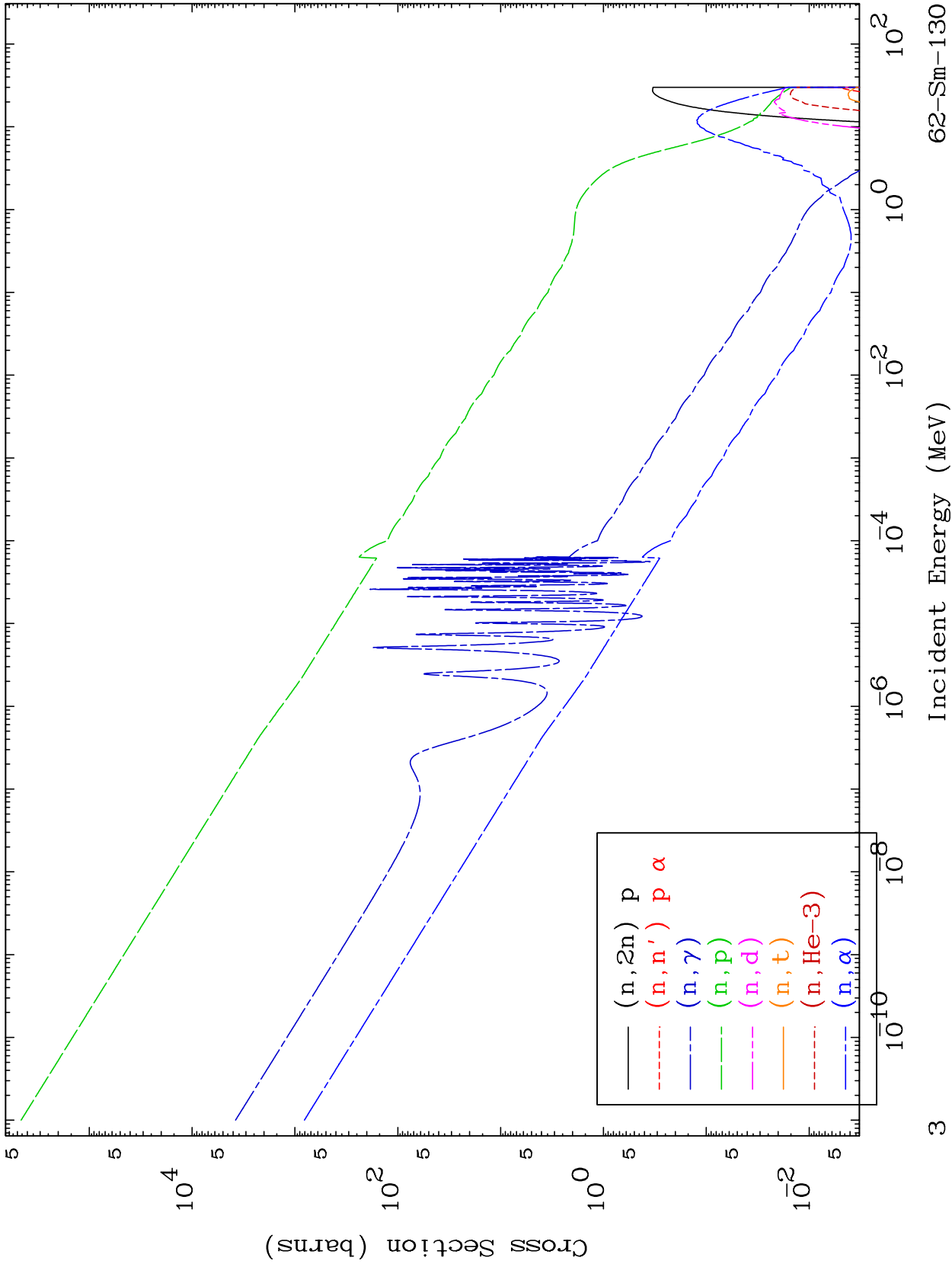
62-Sm-130



MAT 6183

Neutron Absorption
293 Kelvin Cross Sections

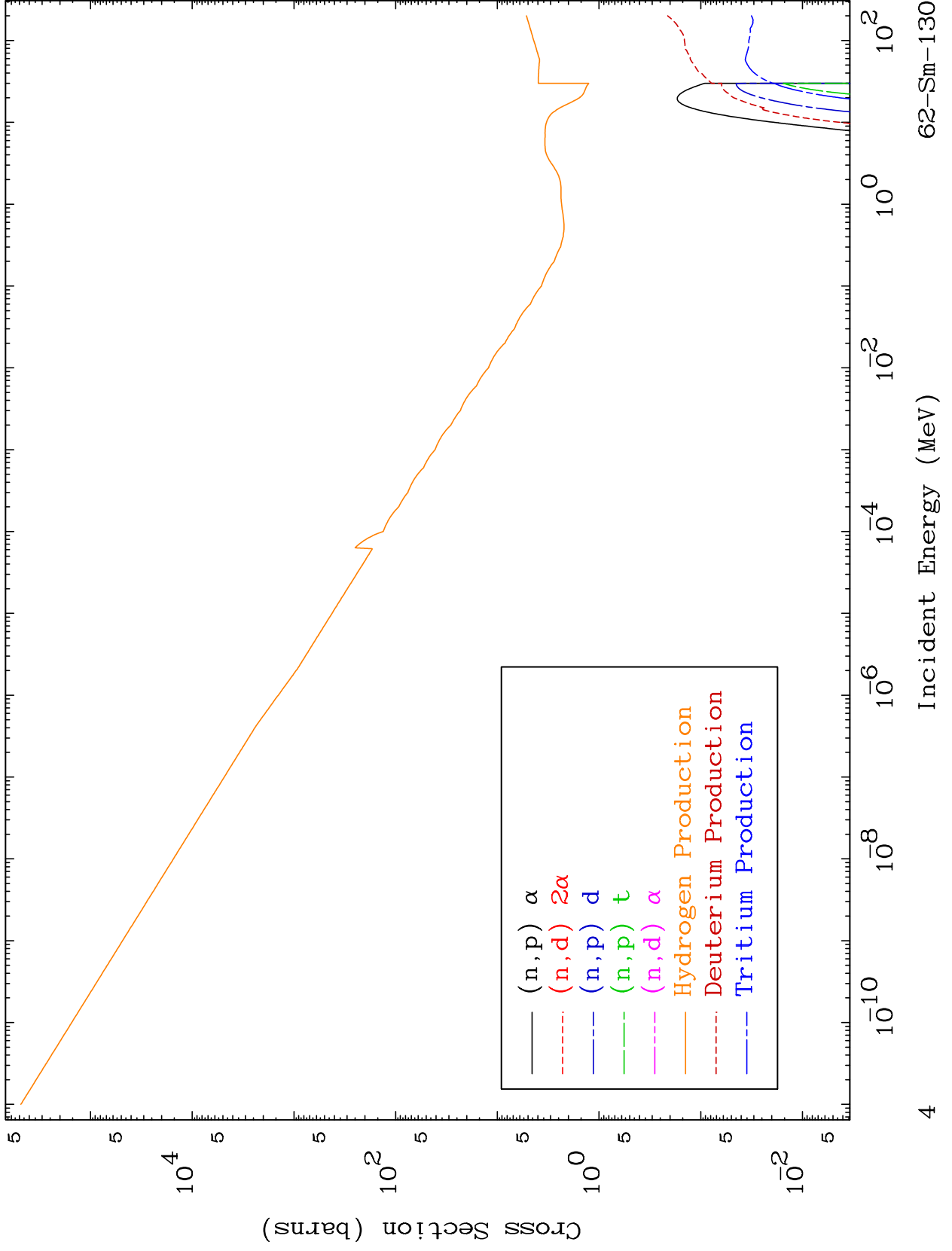
62-Sm-130



MAT 6183

Neutron Absorption
293 Kelvin Cross Sections

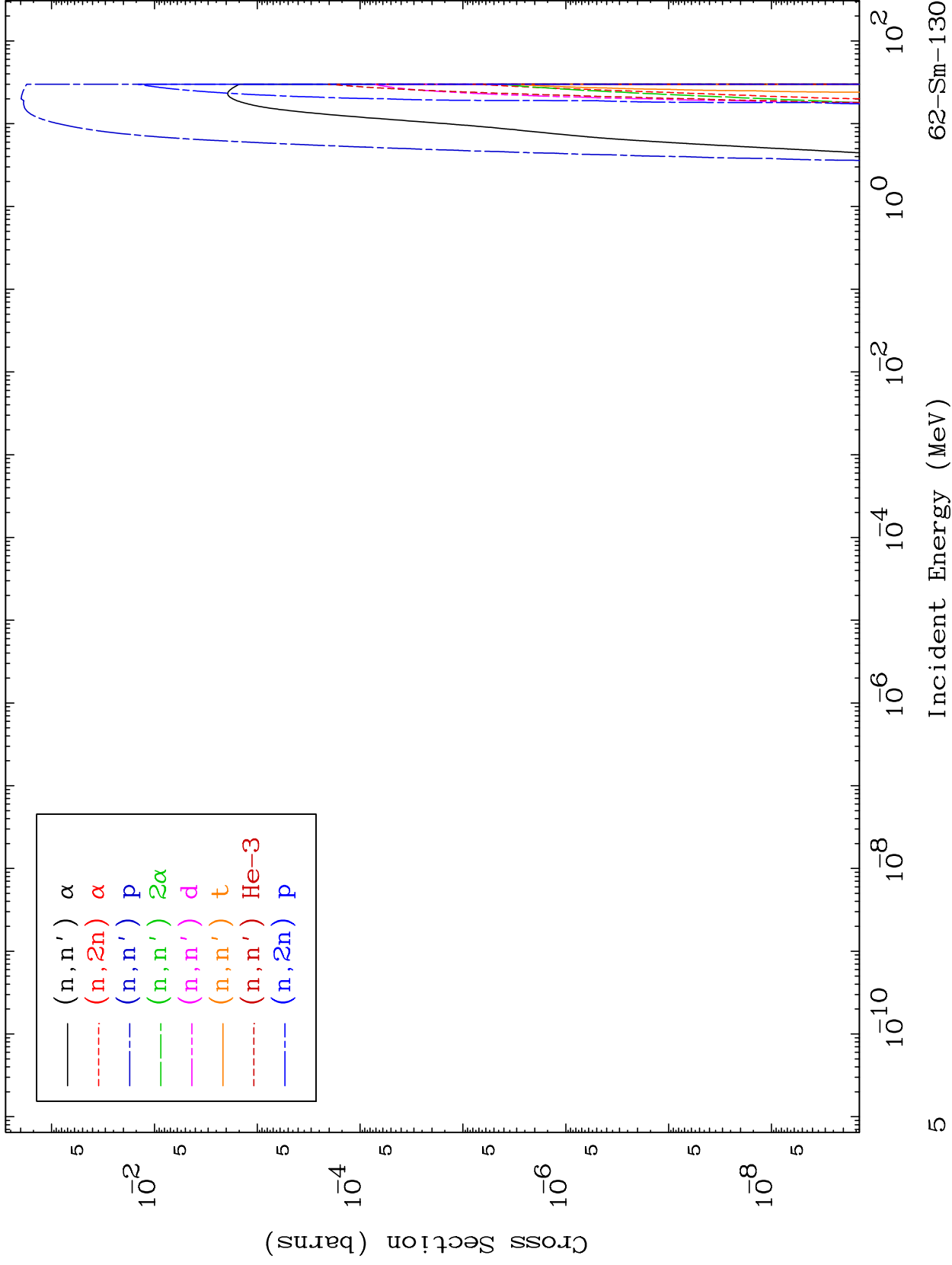
62-Sm-130



MAT 6183

Charged Particle
293 Kelvin Cross Sections

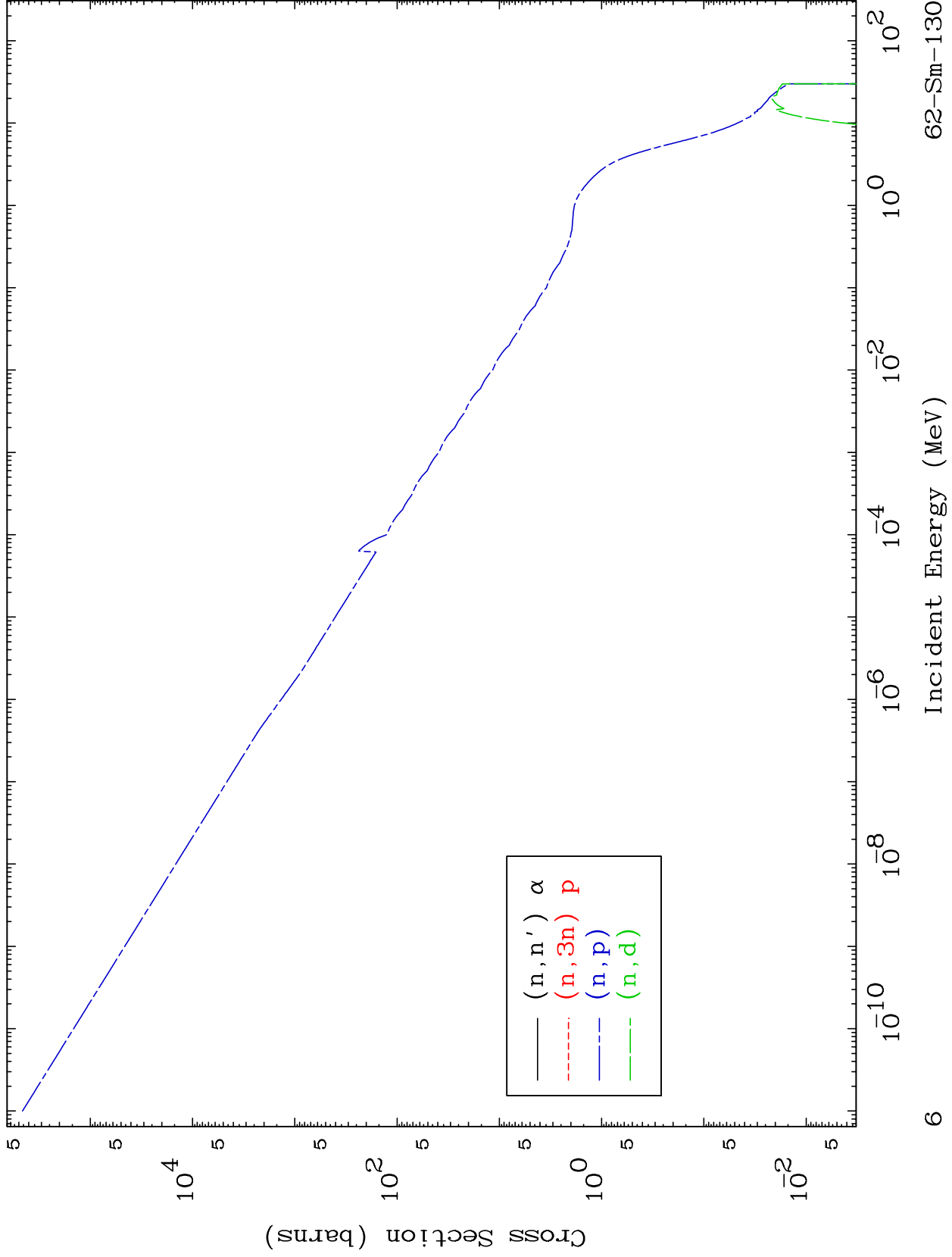
62-Sm-130



MAT 6183

Charged Particle
293 Kelvin Cross Sections

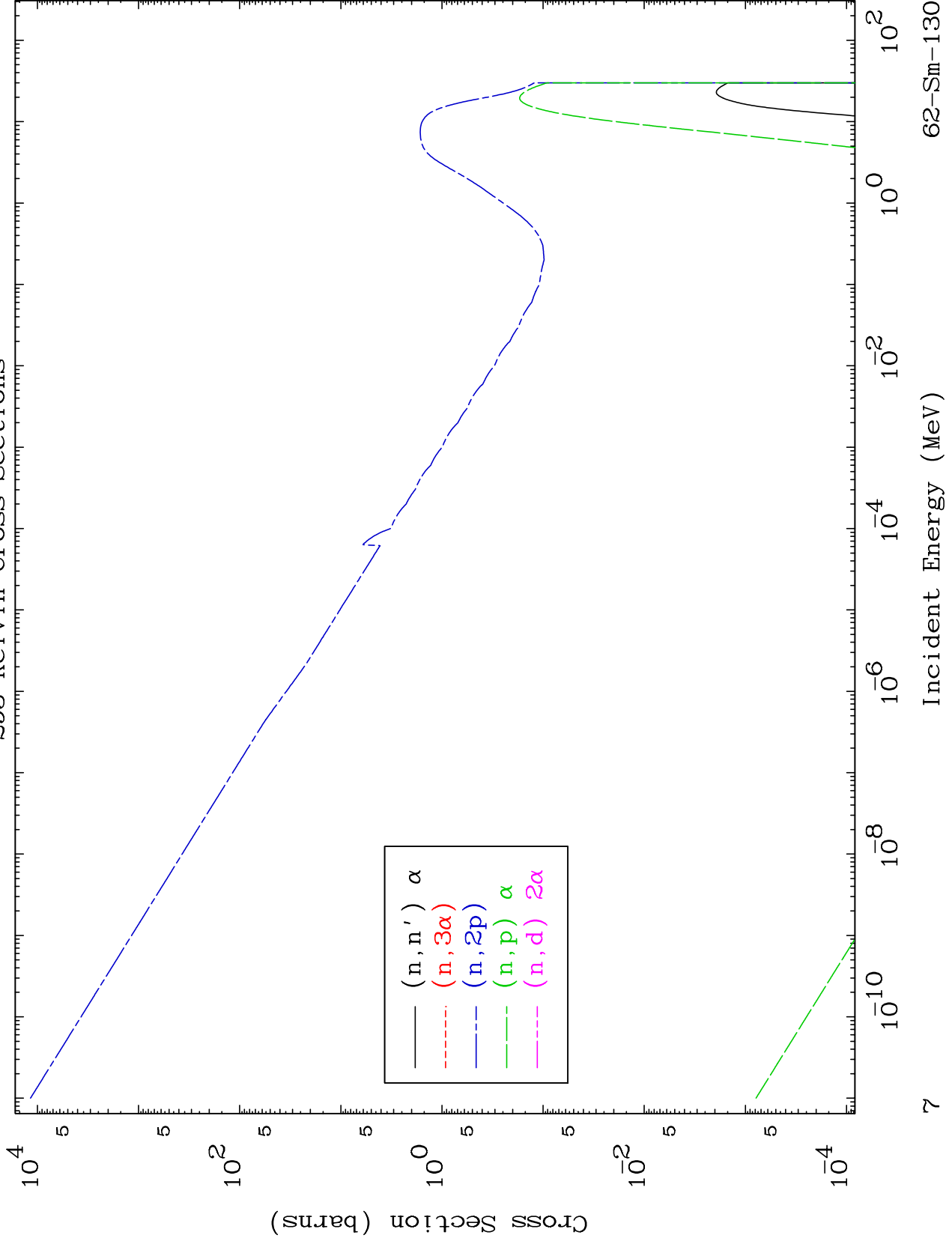
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MAT 6183

Charged Particle
293 Kelvin Cross Sections

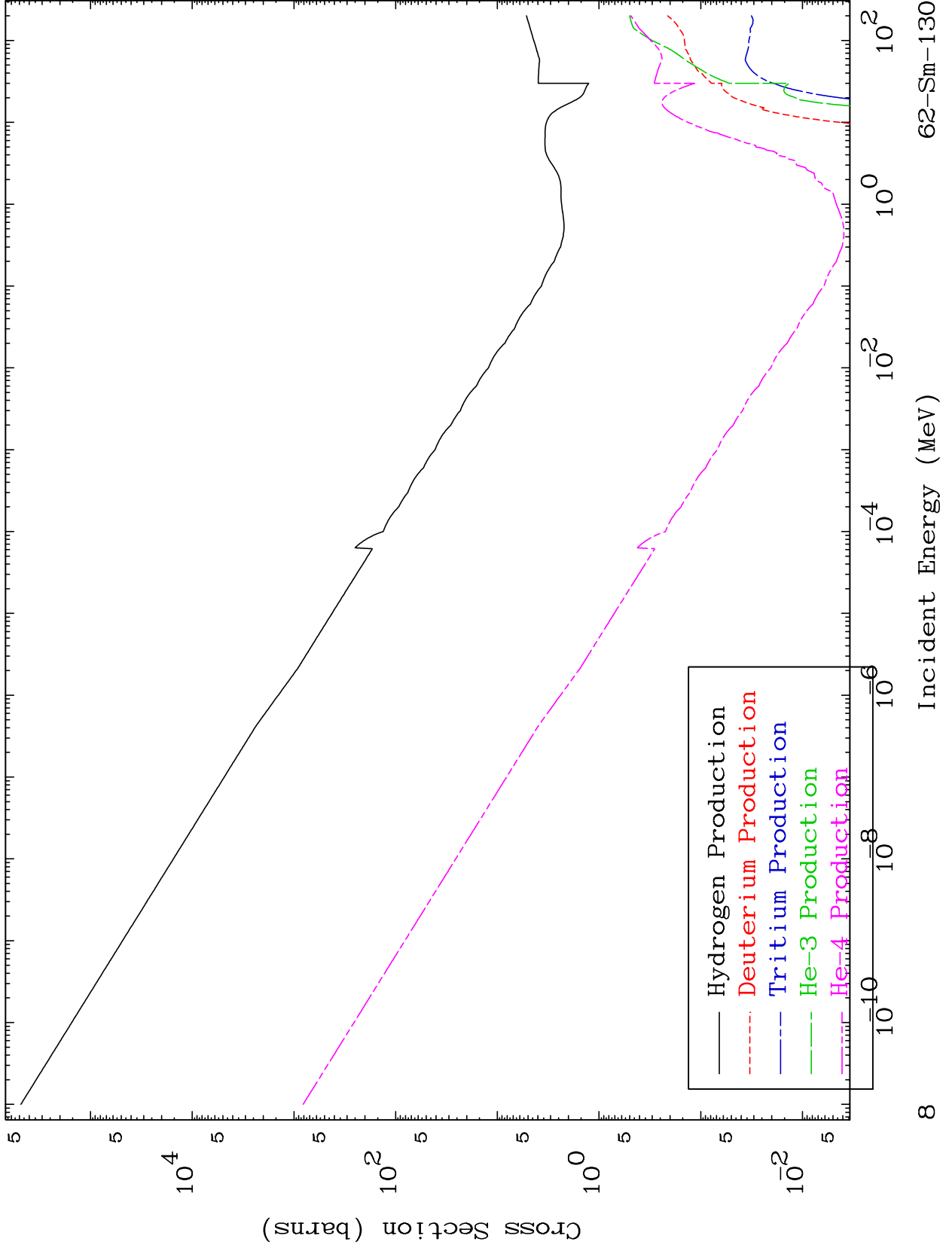
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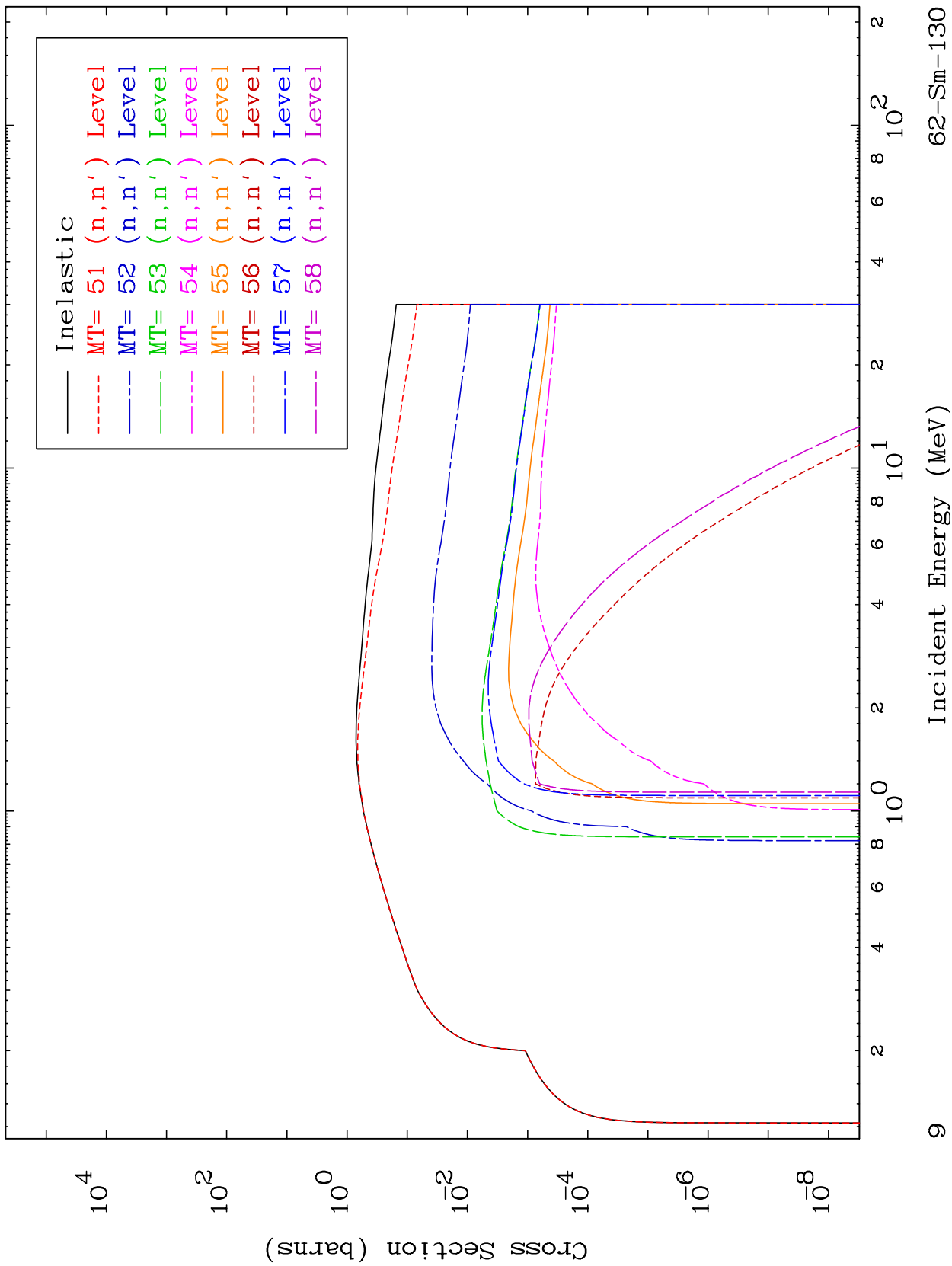


MAT 6183

Particle Production
293 Kelvin Cross Sections

62-Sm-130

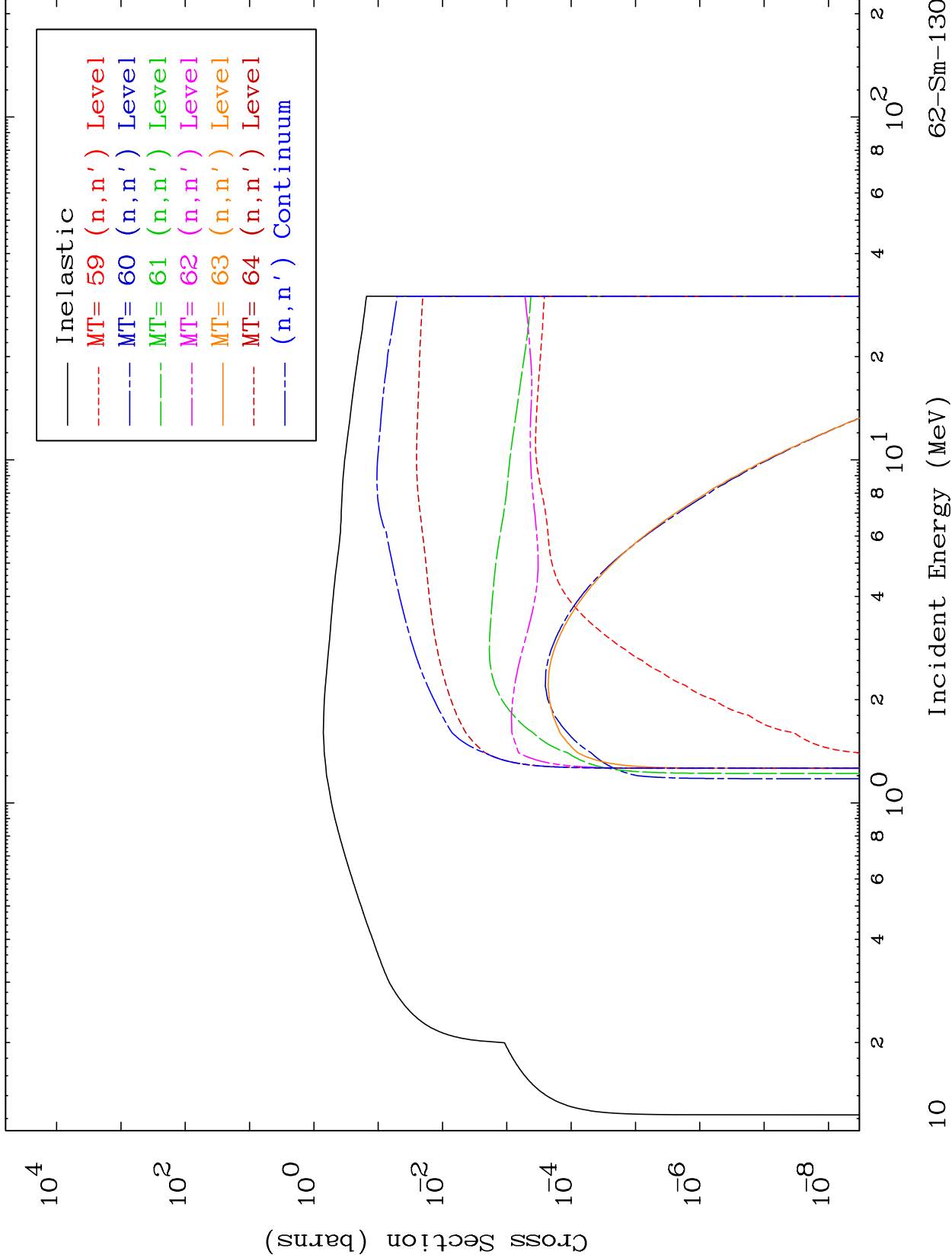




MAT 6183

(n,n') Levels
293 Kelvin Cross Sections

62-Sm-130



10

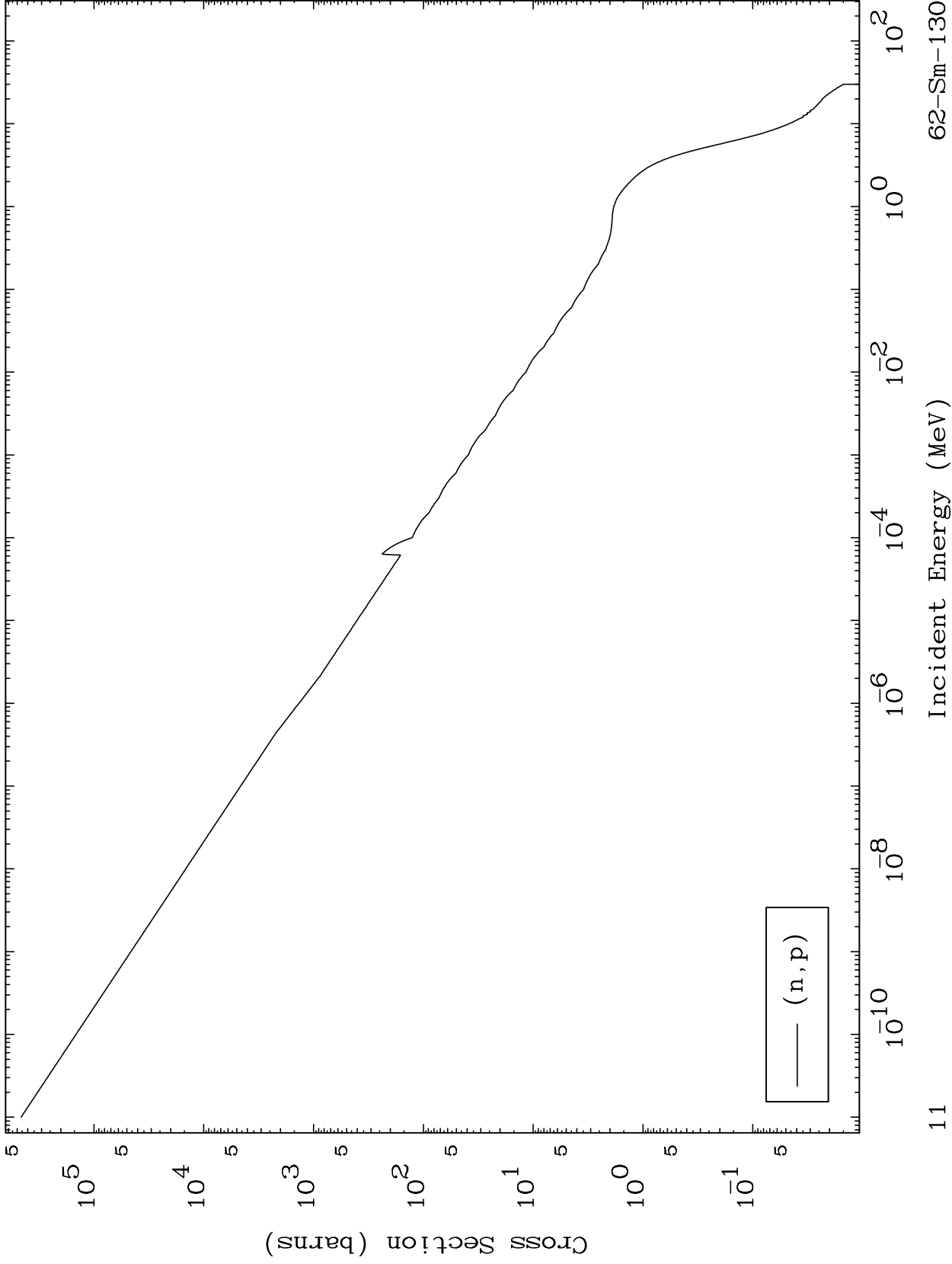
Incident Energy (MeV)

62-Sm-130

MAT 6183

(n,p) Levels
293 Kelvin Cross Sections

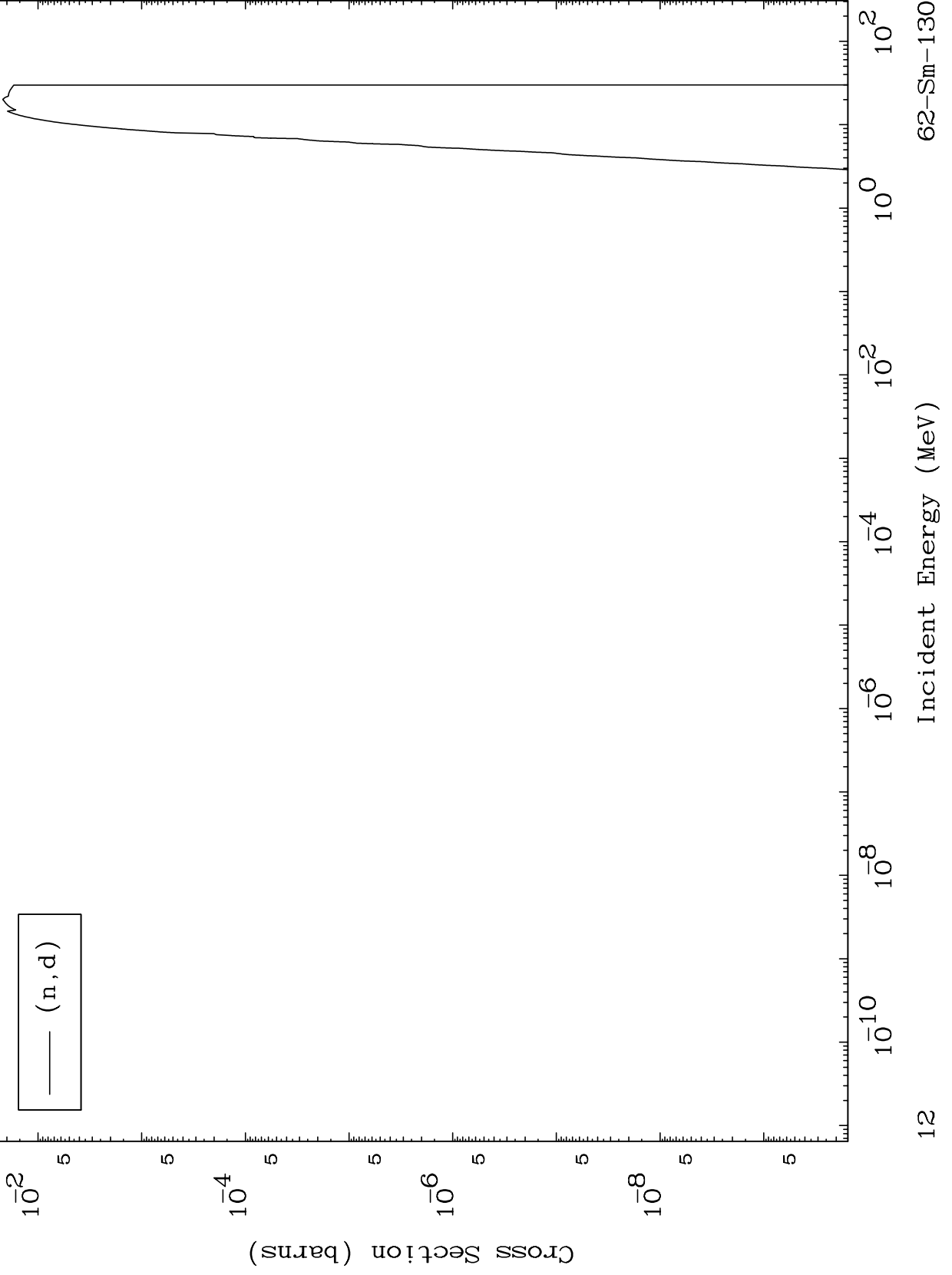
62-Sm-130



MAT 6183

(n,d) Levels
293 Kelvin Cross Sections

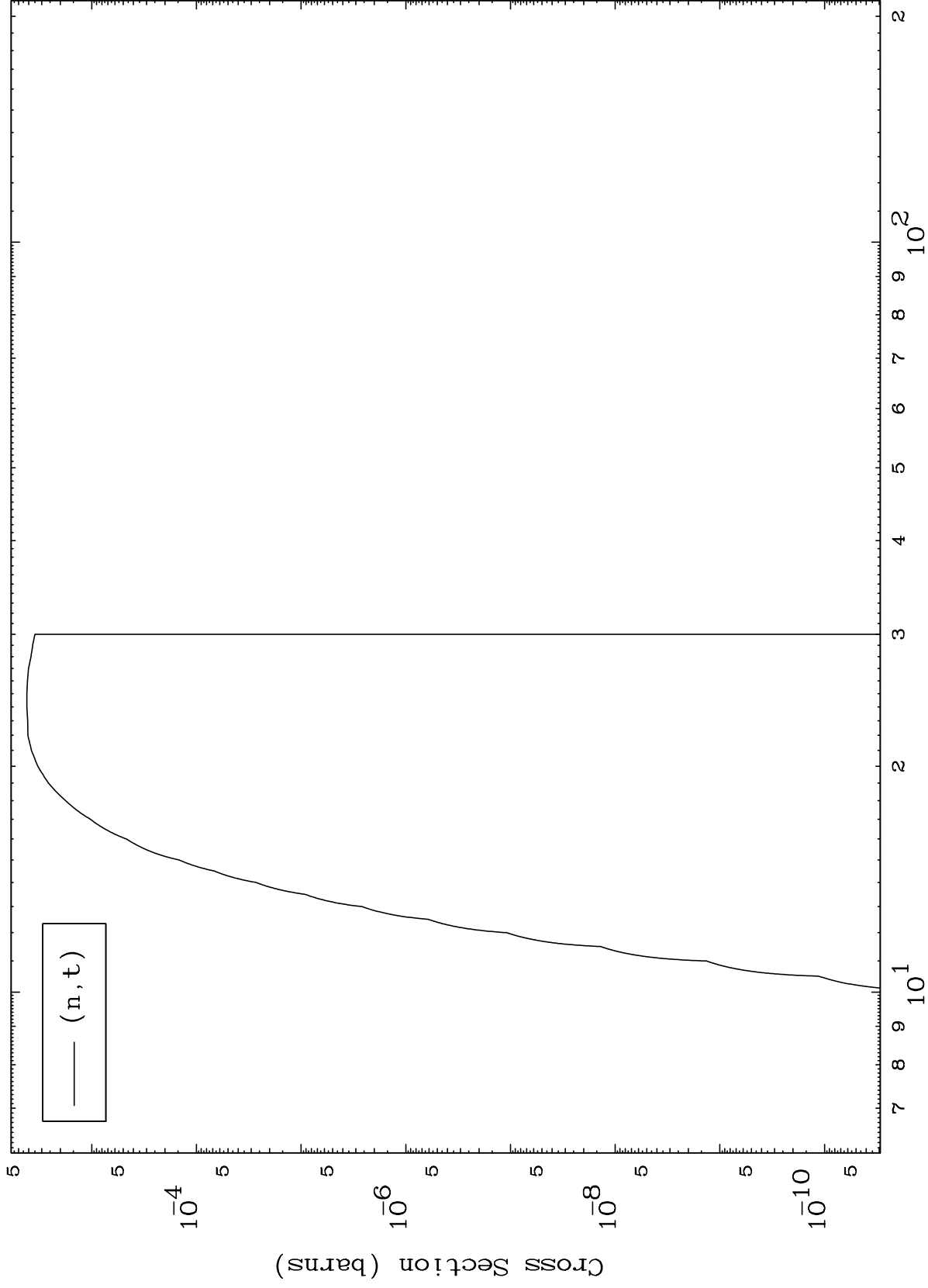
62-Sm-130



MAT 6183

(n, t) Levels
293 Kelvin Cross Sections

62-Sm-130



13

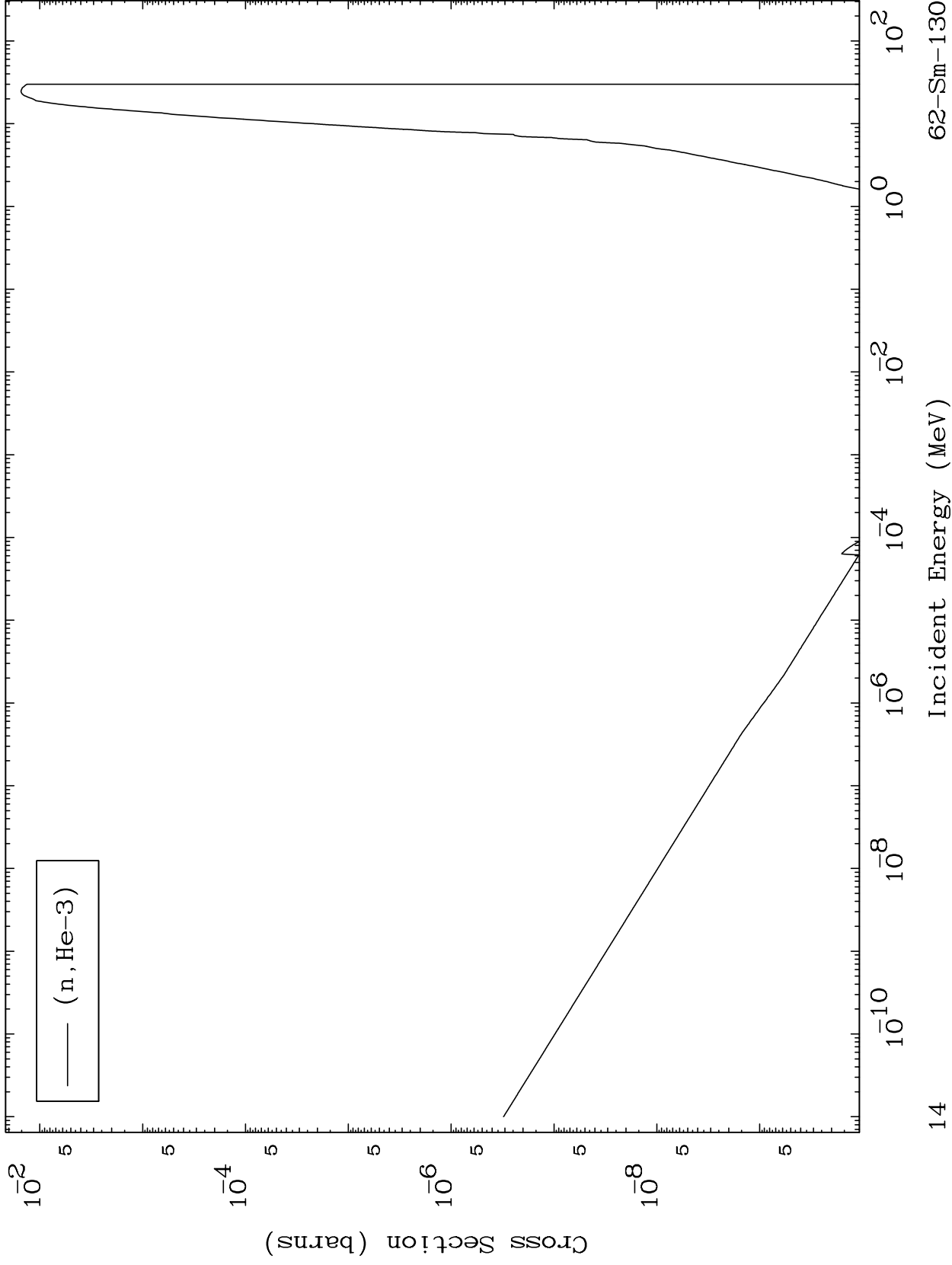
Incident Energy (MeV)

62-Sm-130

MAT 6183

(n,He3) Levels
293 Kelvin Cross Sections

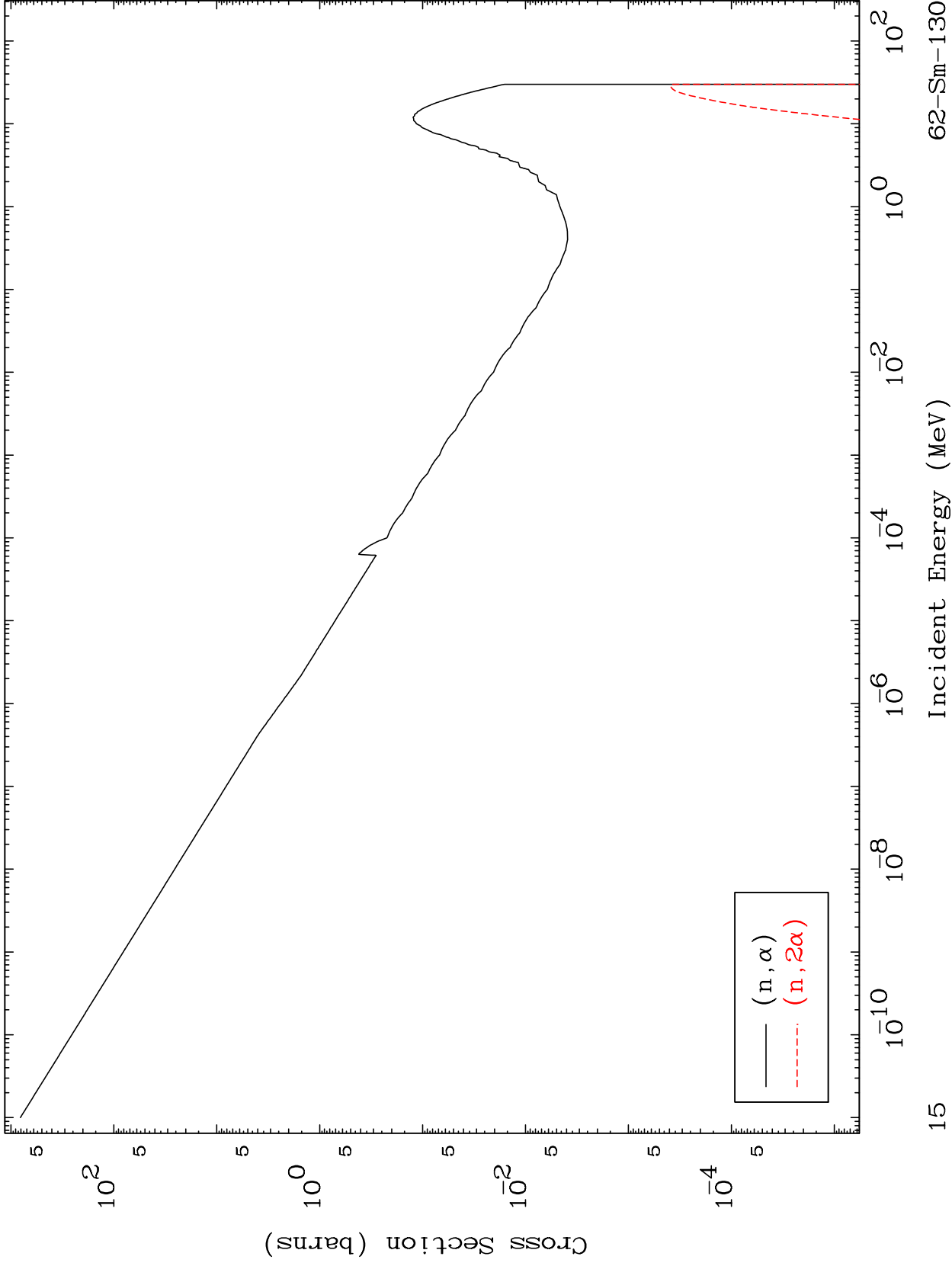
62-Sm-130



MAT 6183

(n,α) Levels
293 Kelvin Cross Sections

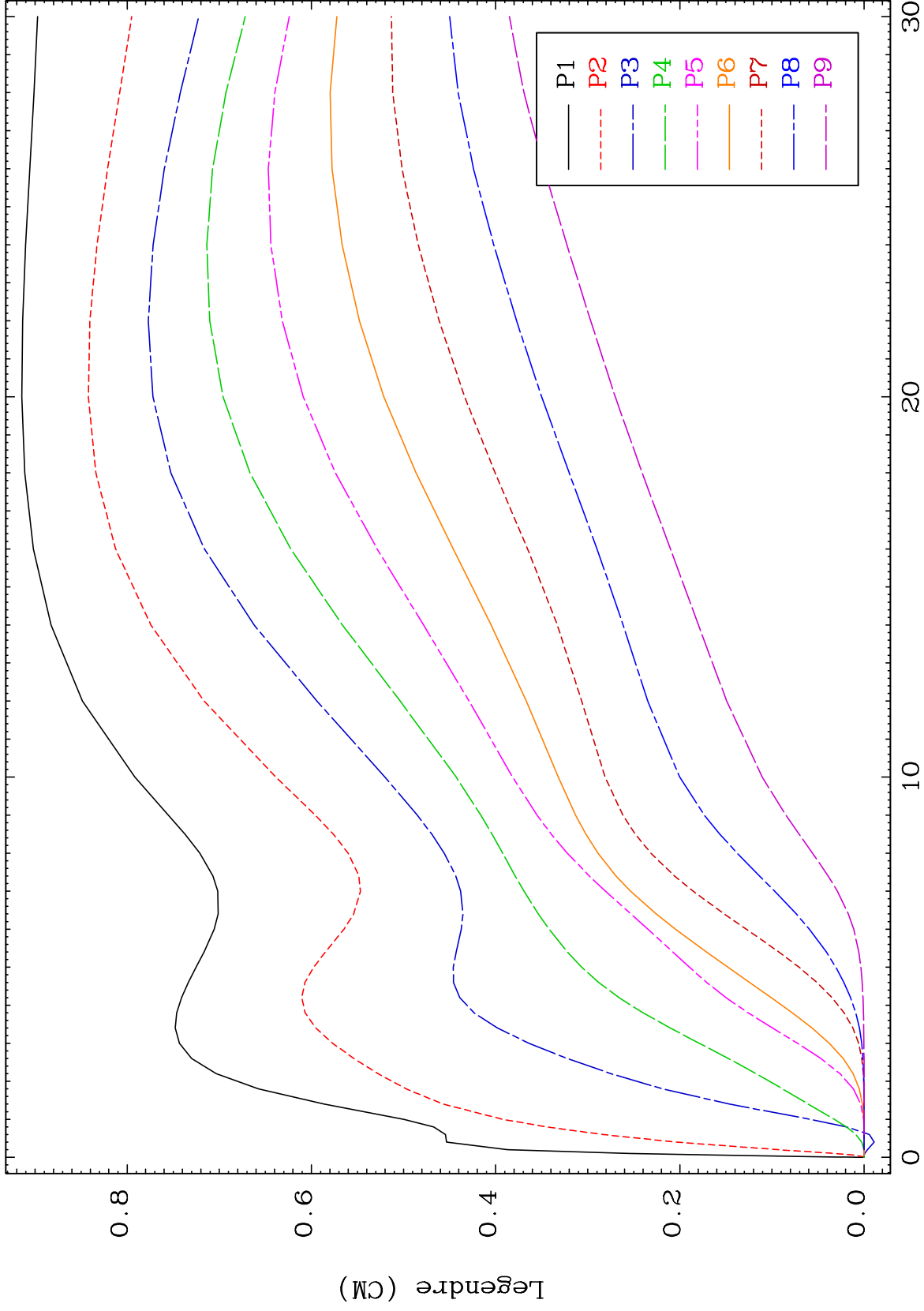
62-Sm-130



MAT 6183

Elastic Legendre Coefficients

$^{62}\text{Sm}-130$



16

Incident Energy (MeV)

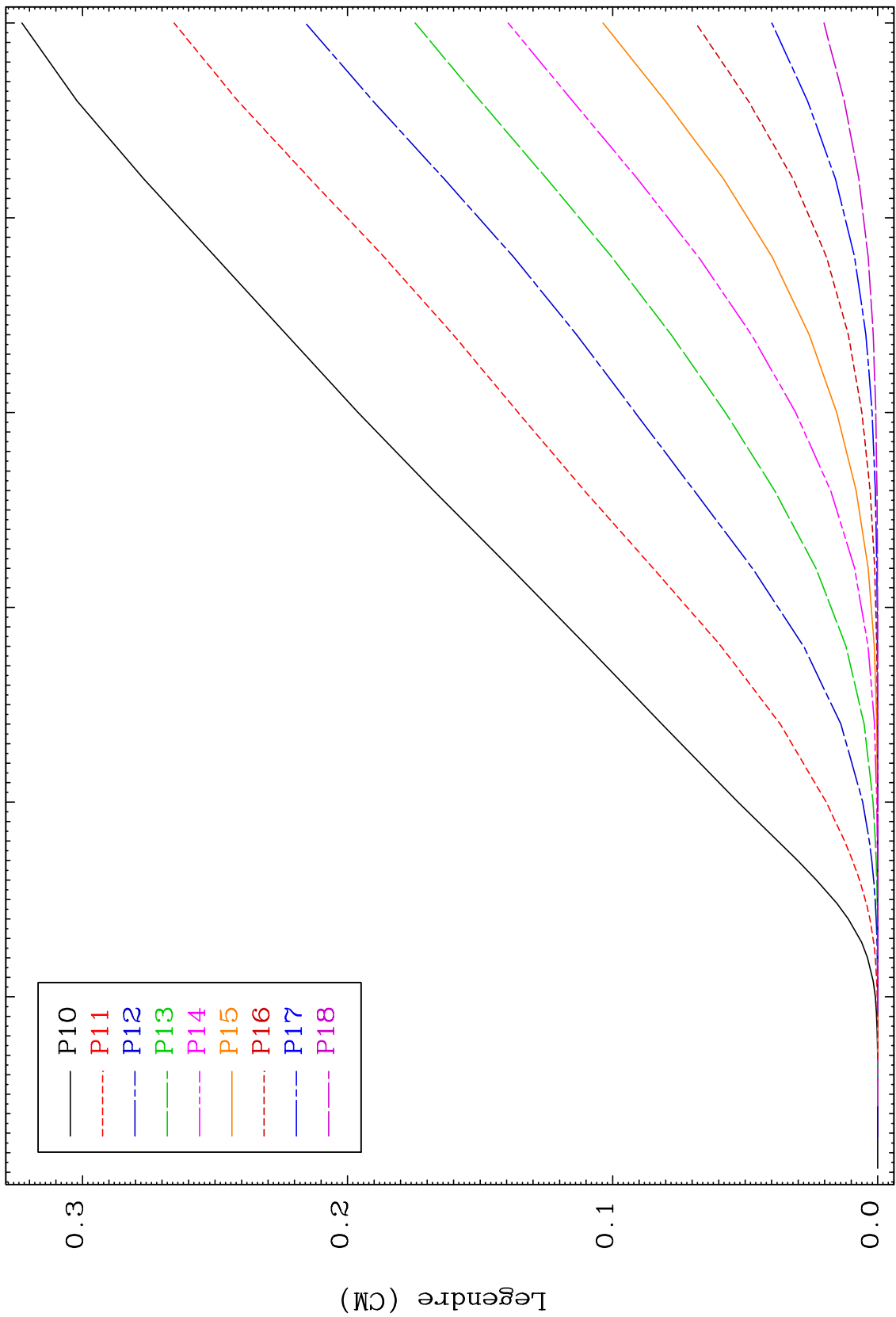
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MAT 6183

Elastic Legendre Coefficients

62-Sm-130



17

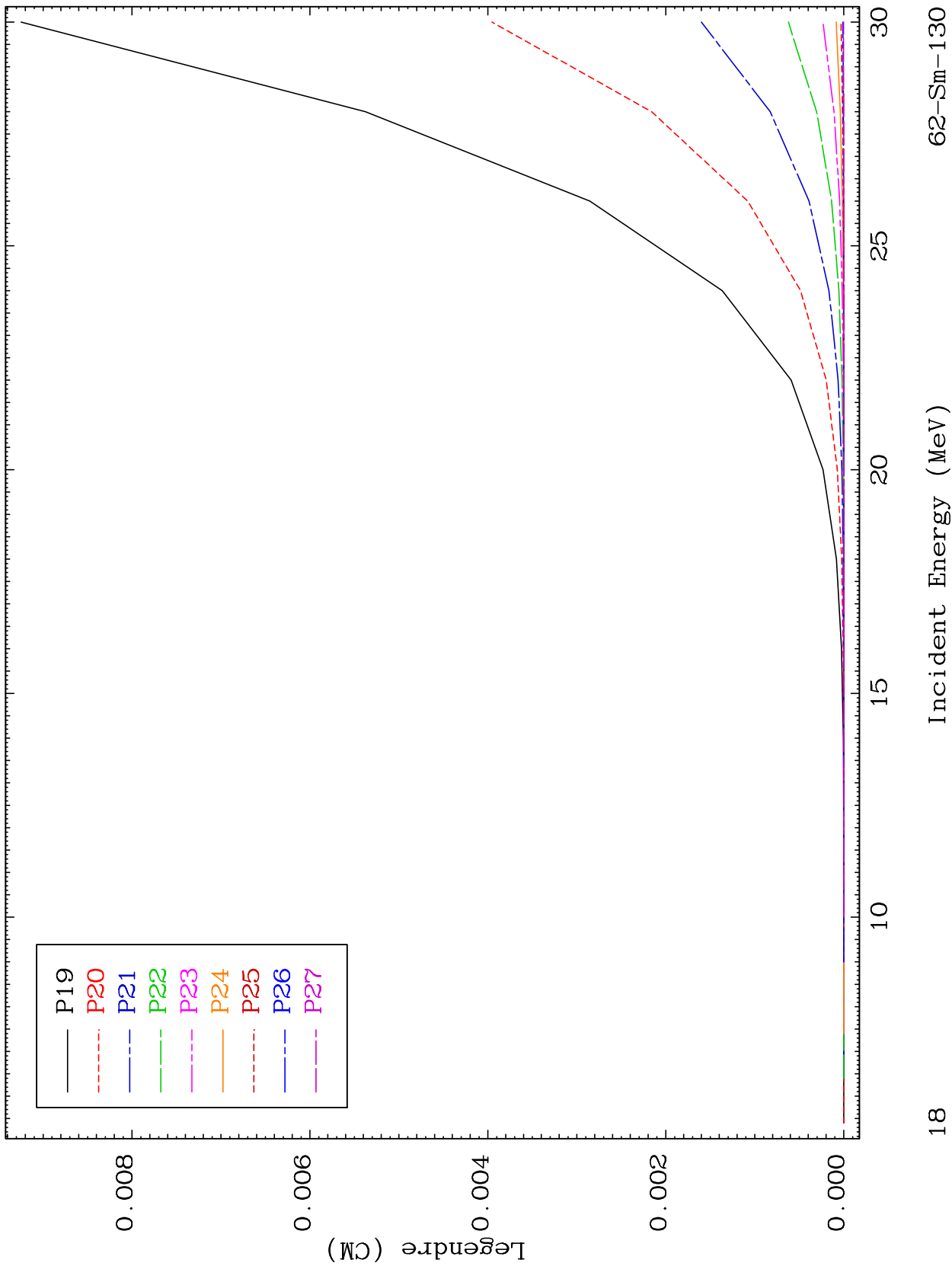
Incident Energy (MeV)

62-Sm-130

MAT 6183

Elastic Legendre Coefficients

62-Sm-130



18

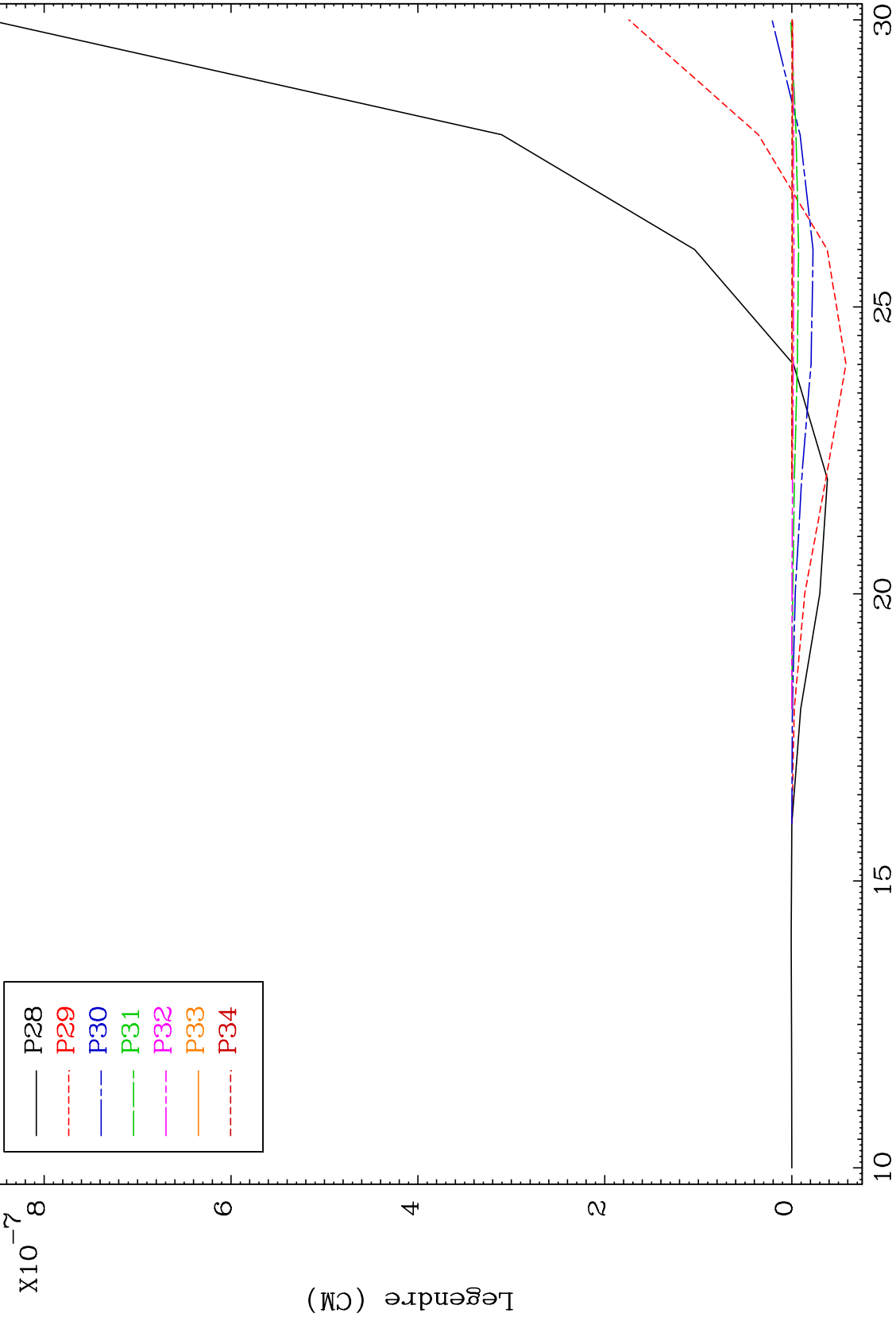
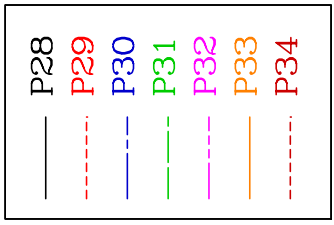
Incident Energy (MeV)

62-Sm-130

MAT 6183

Elastic Legendre Coefficients

$^{62}\text{Sm-130}$



19

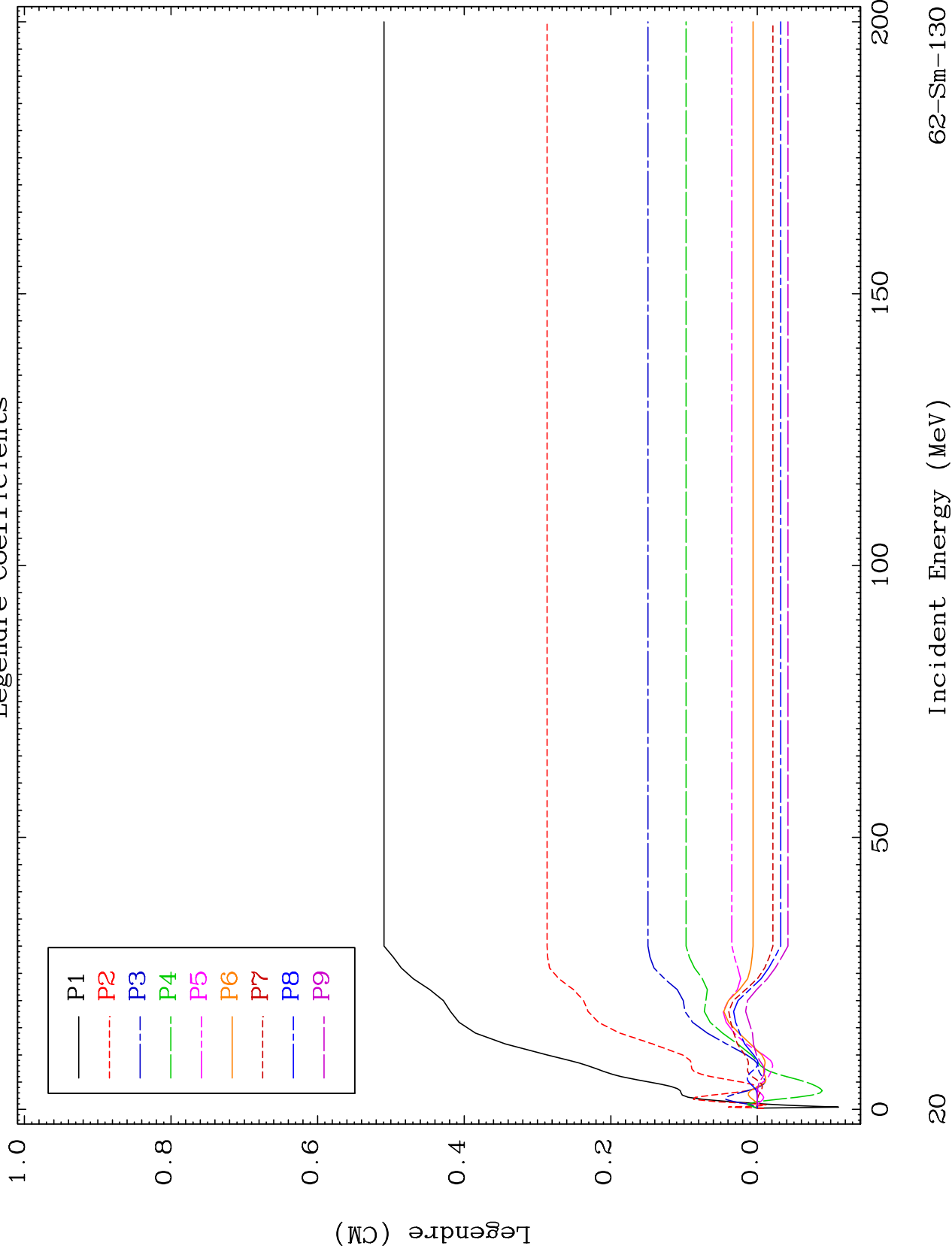
Incident Energy (MeV)

$^{62}\text{Sm-130}$

MAT 6183

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

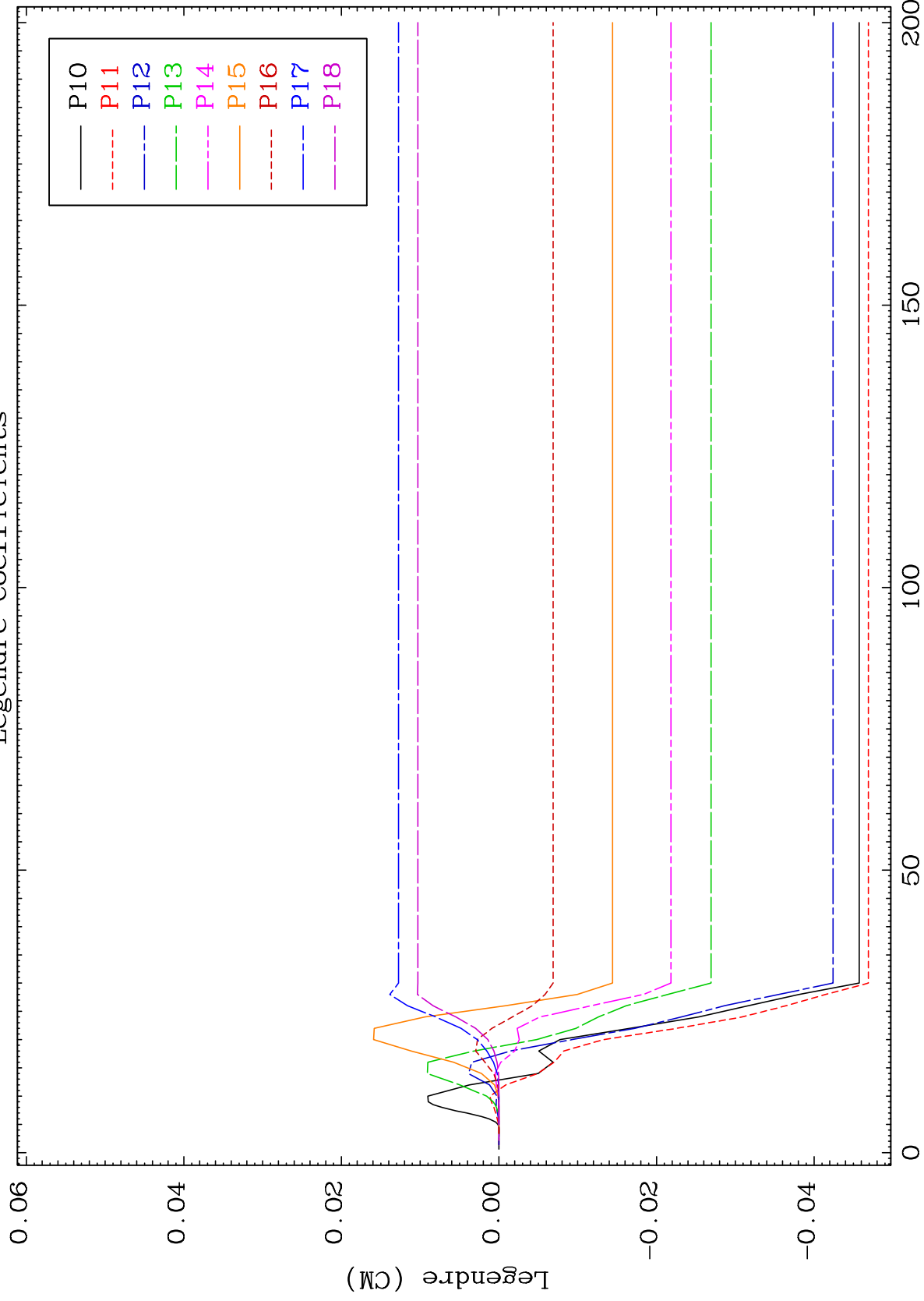
62-Sm-130



MAT 6183

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

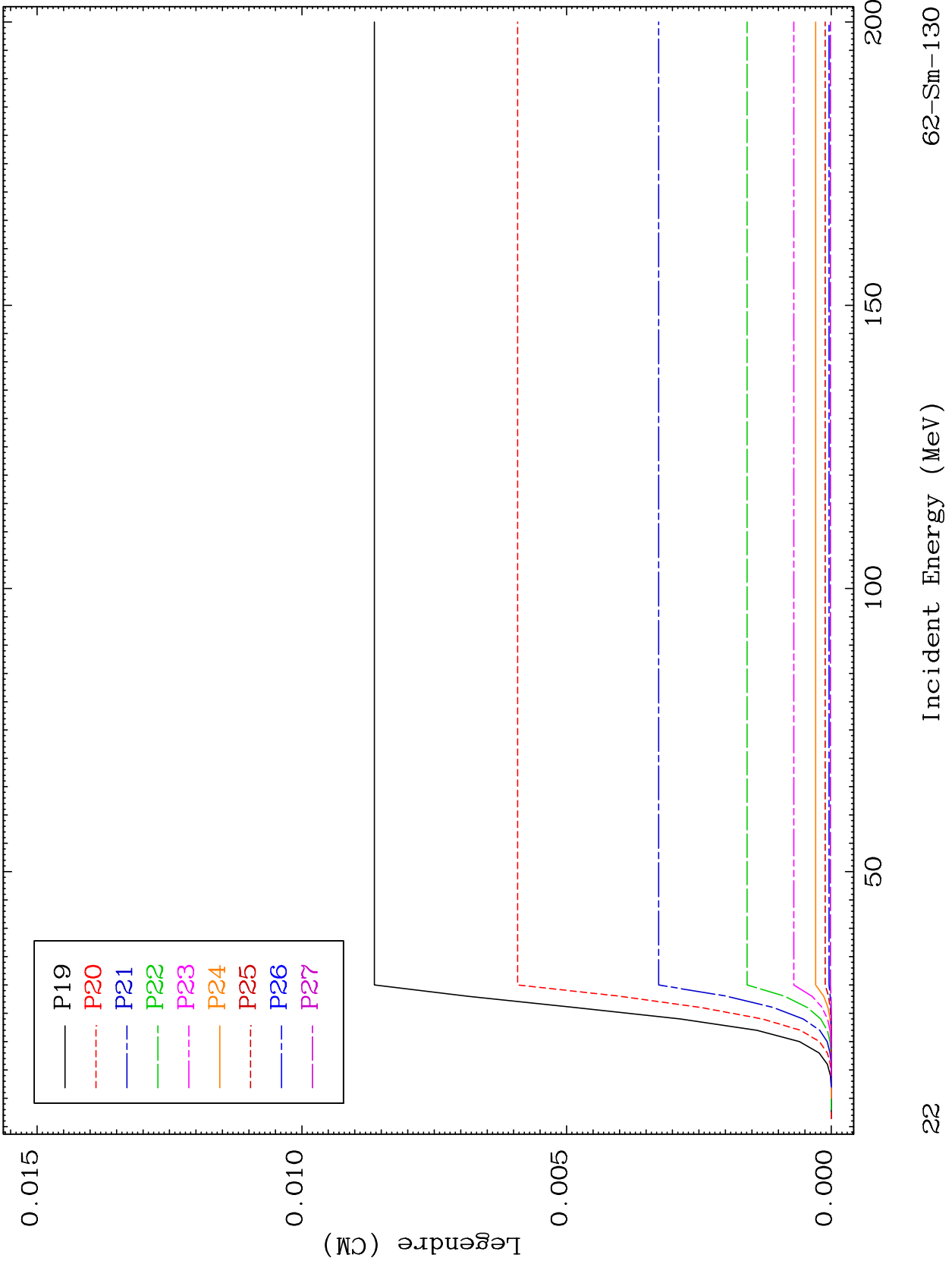
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MAT 6183

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

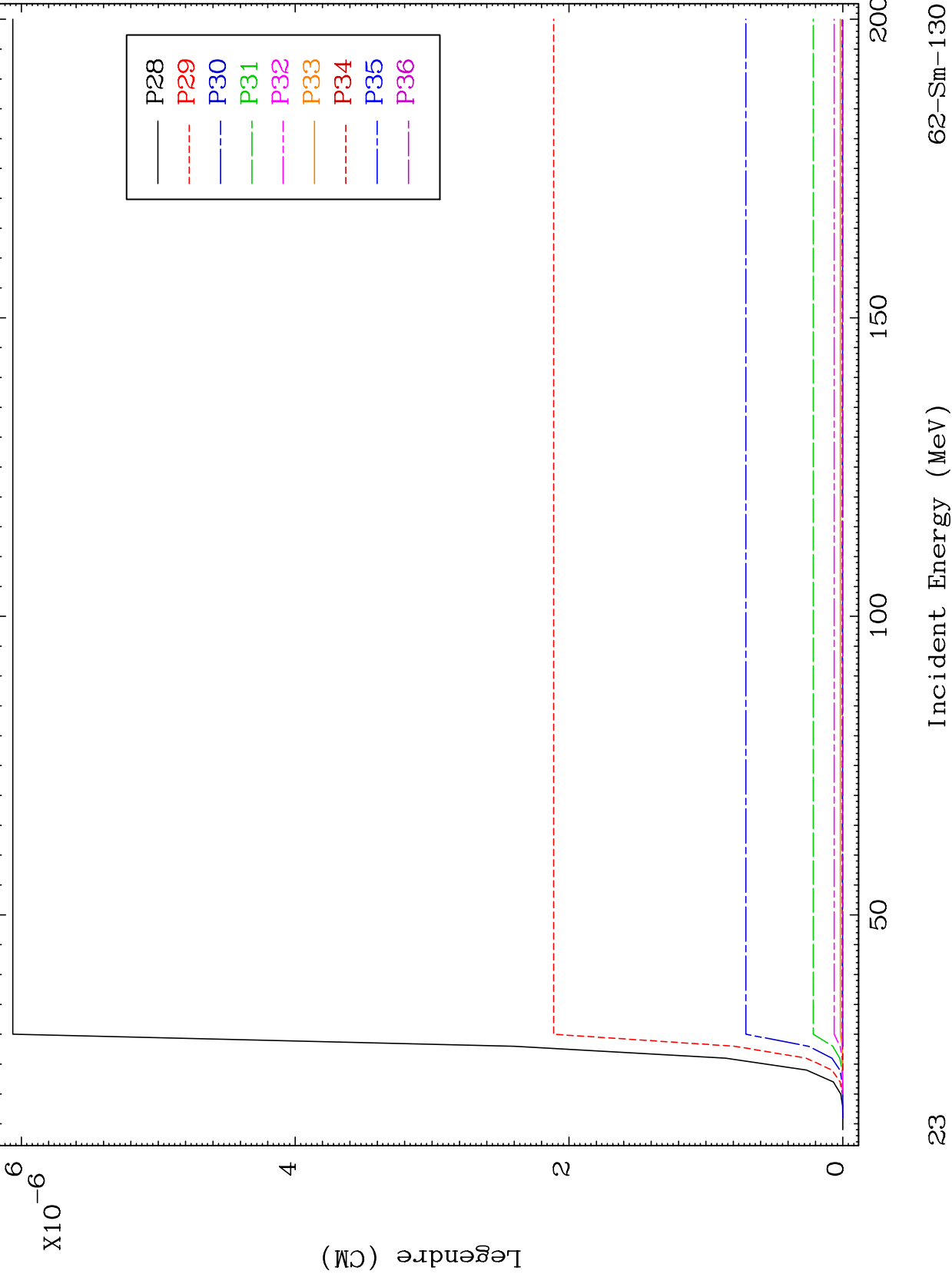
62-Sm-130



MAT 6183

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

62-Sm-130



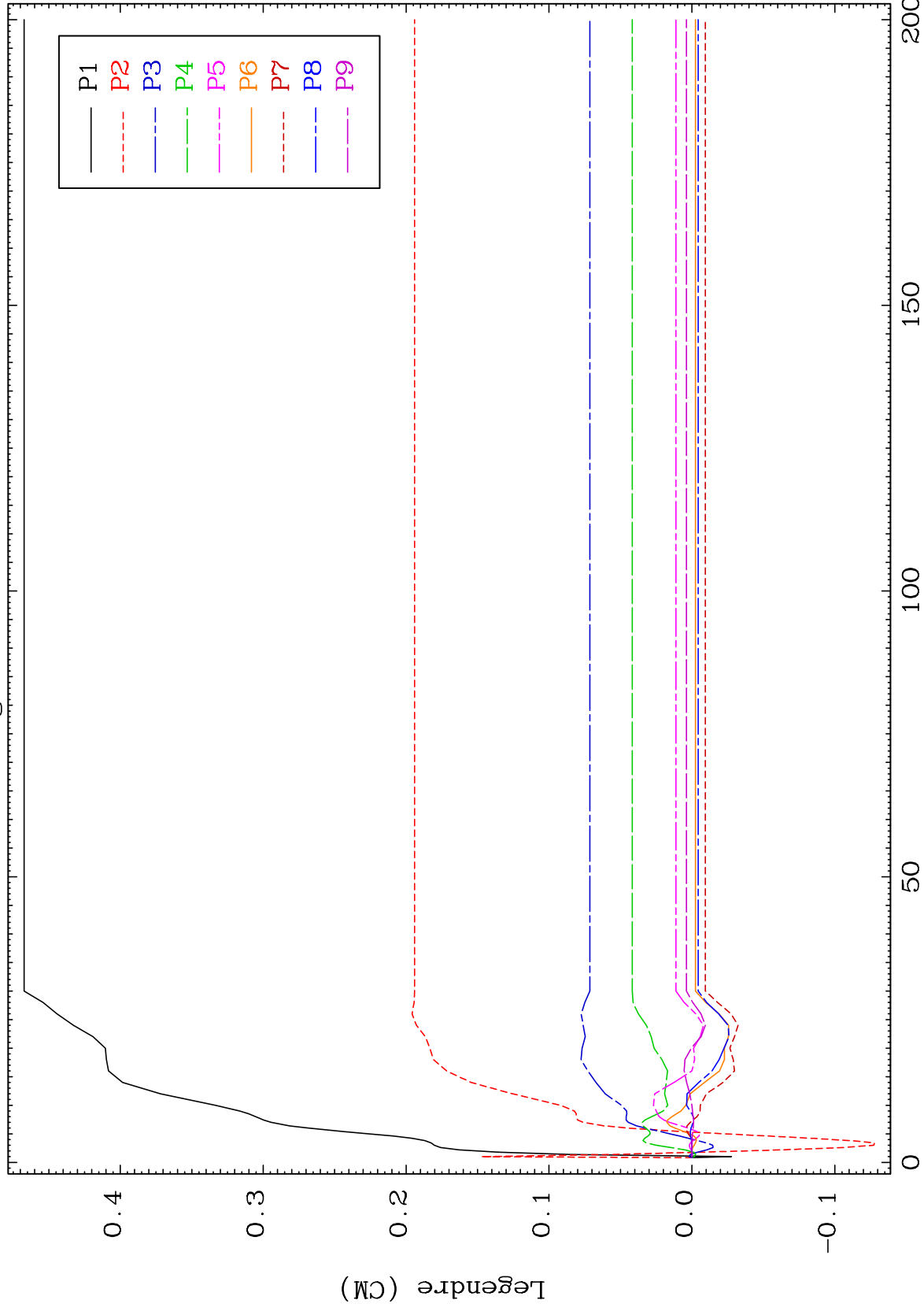
23

62-Sm-130

MAT 6183

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

62-Sm-130



24

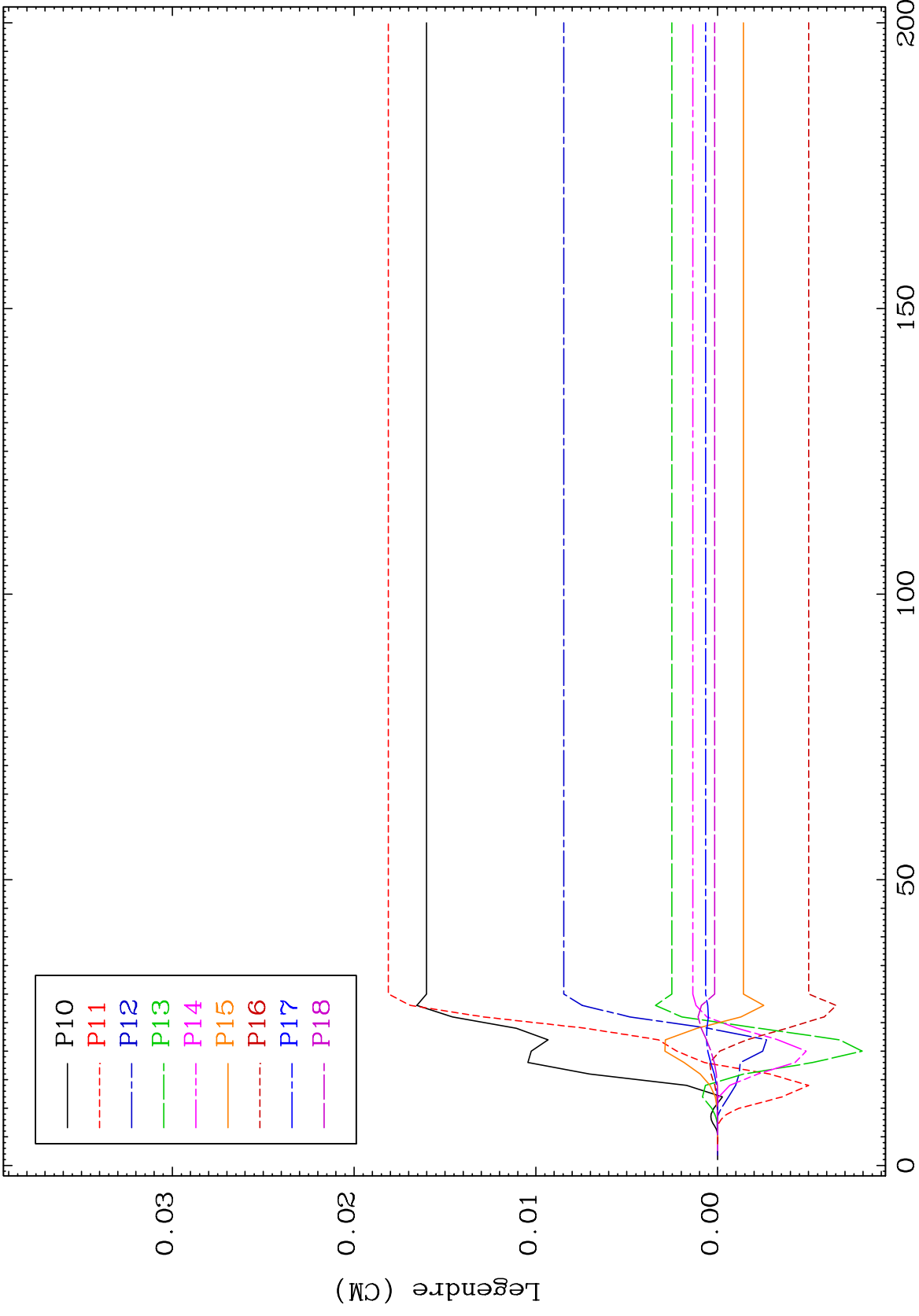
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



25

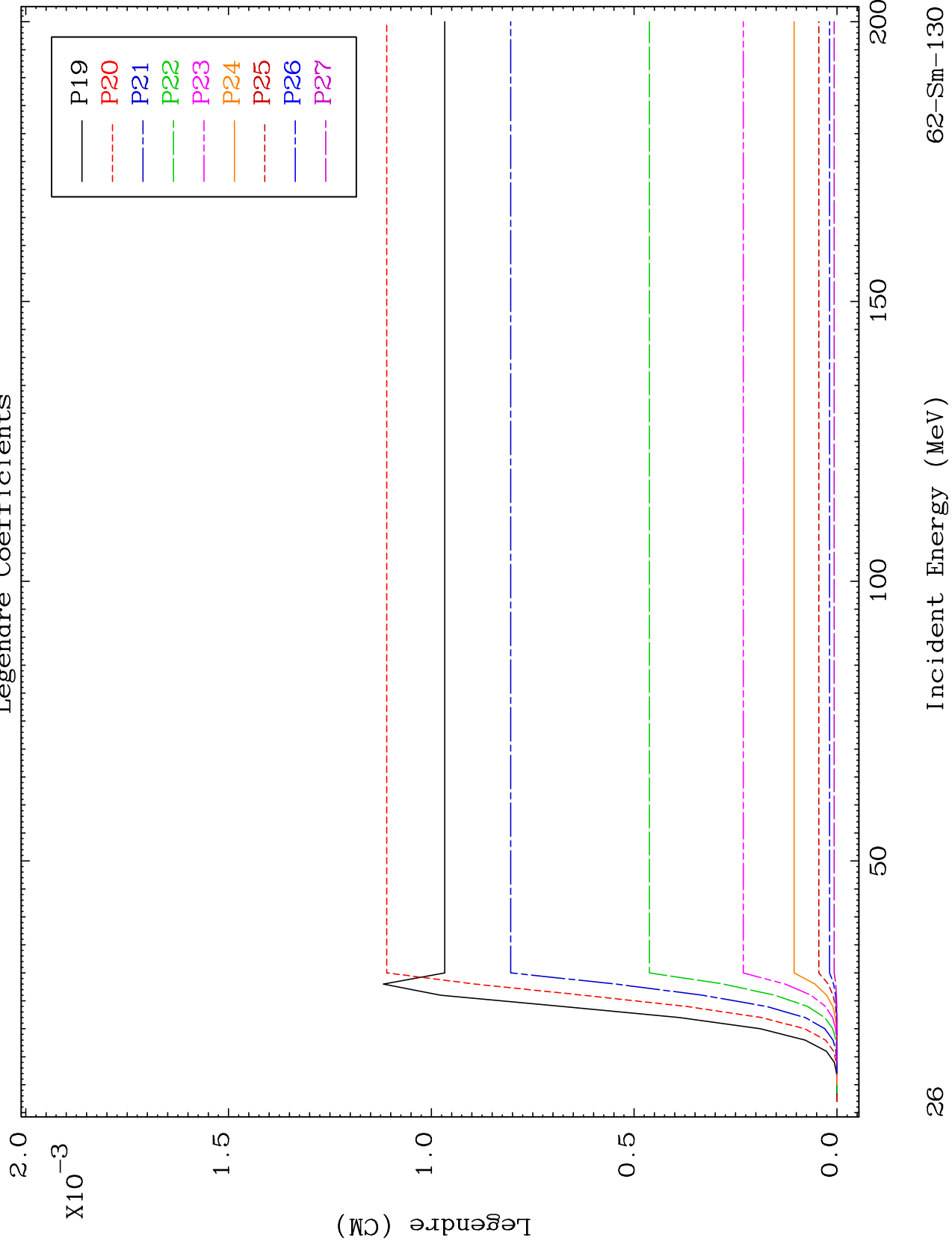
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



26

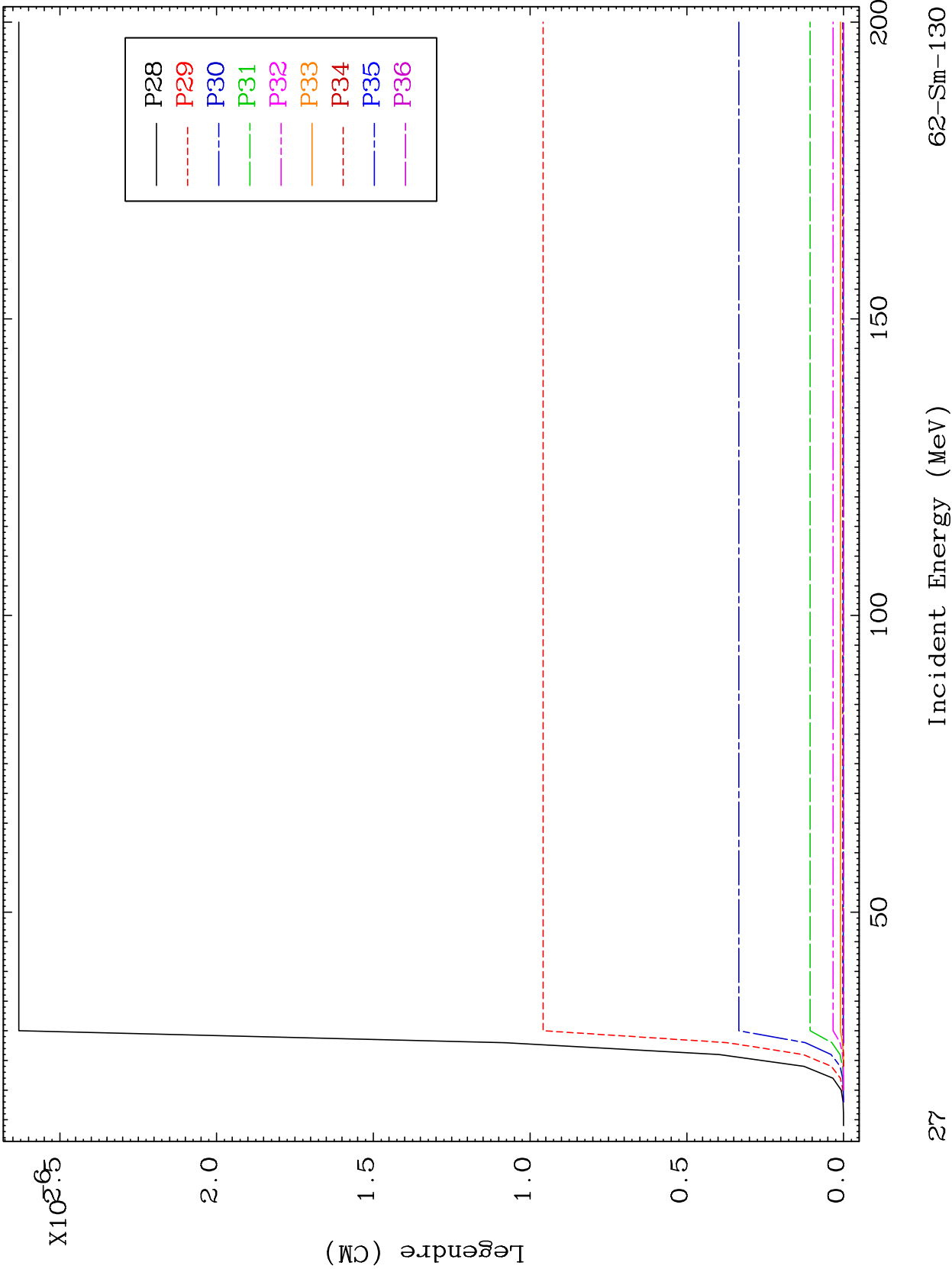
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



27

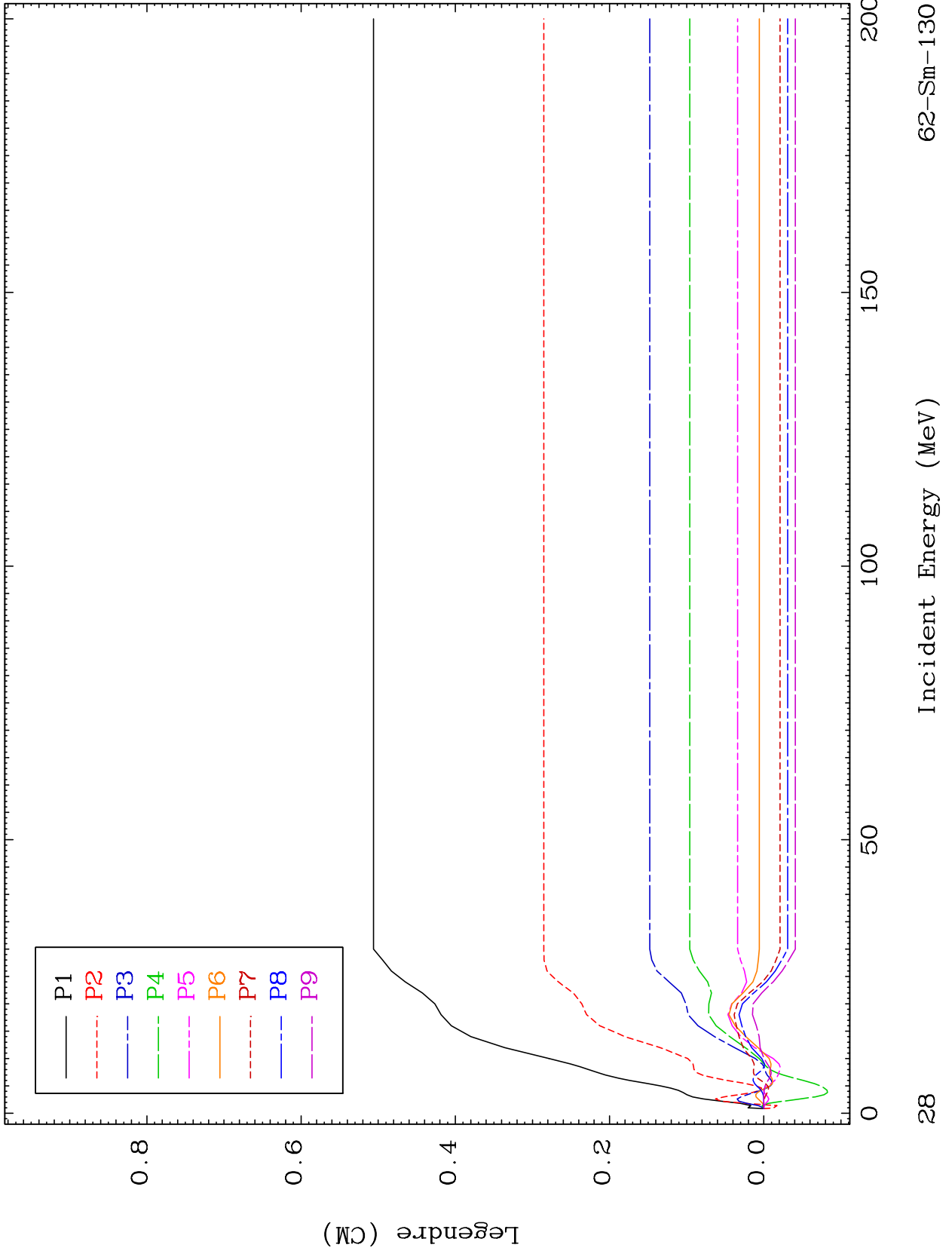
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



28

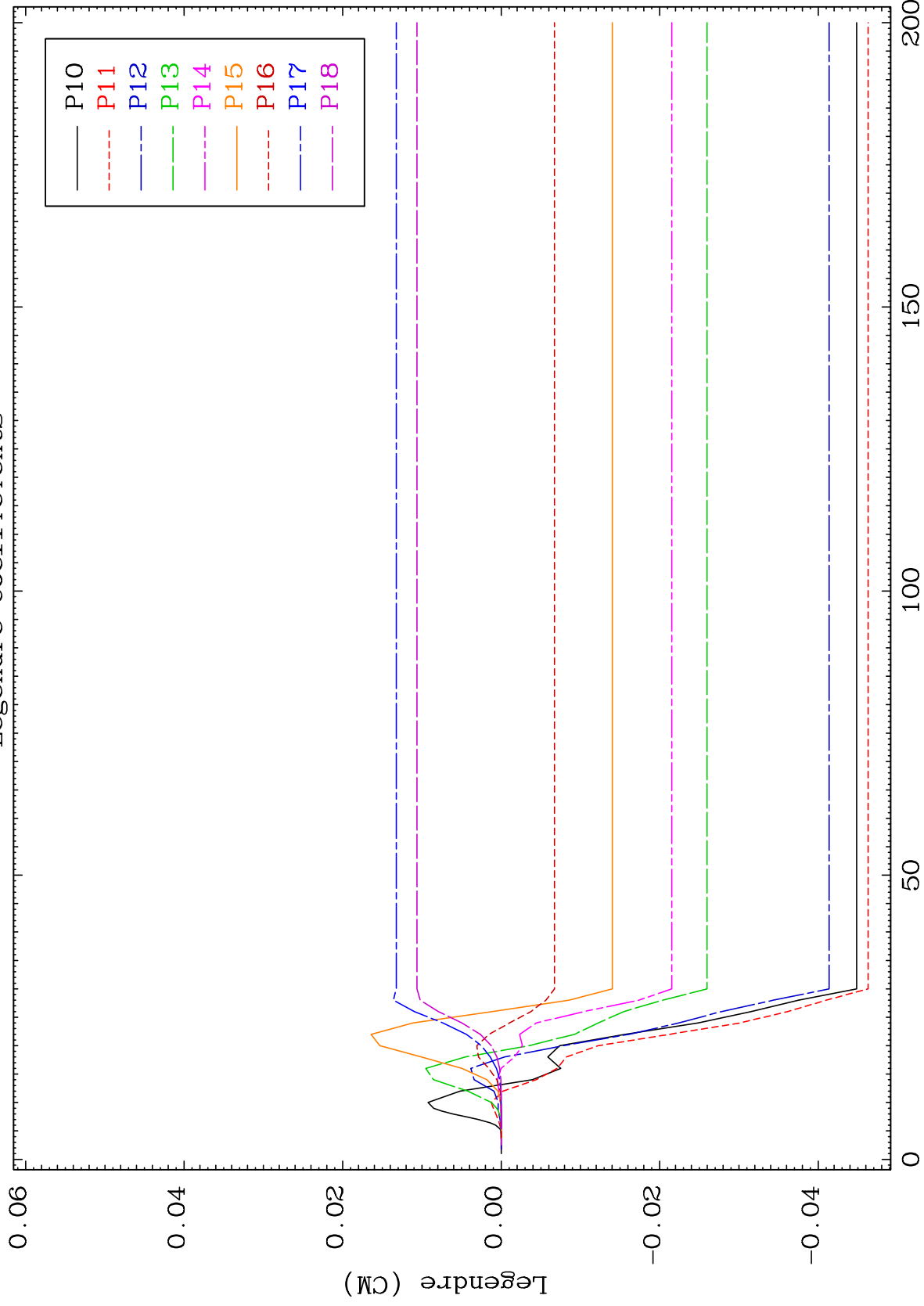
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



29

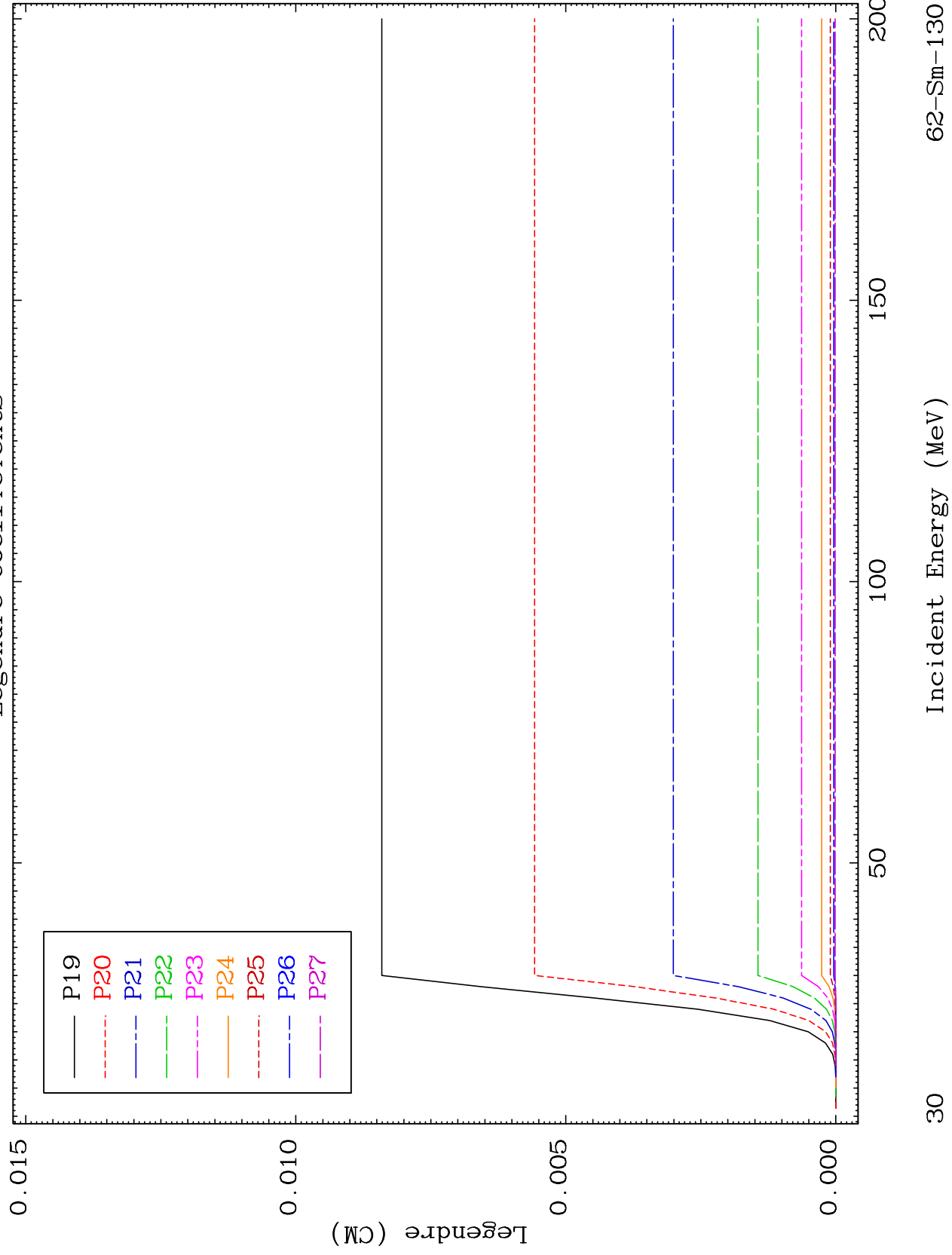
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



30

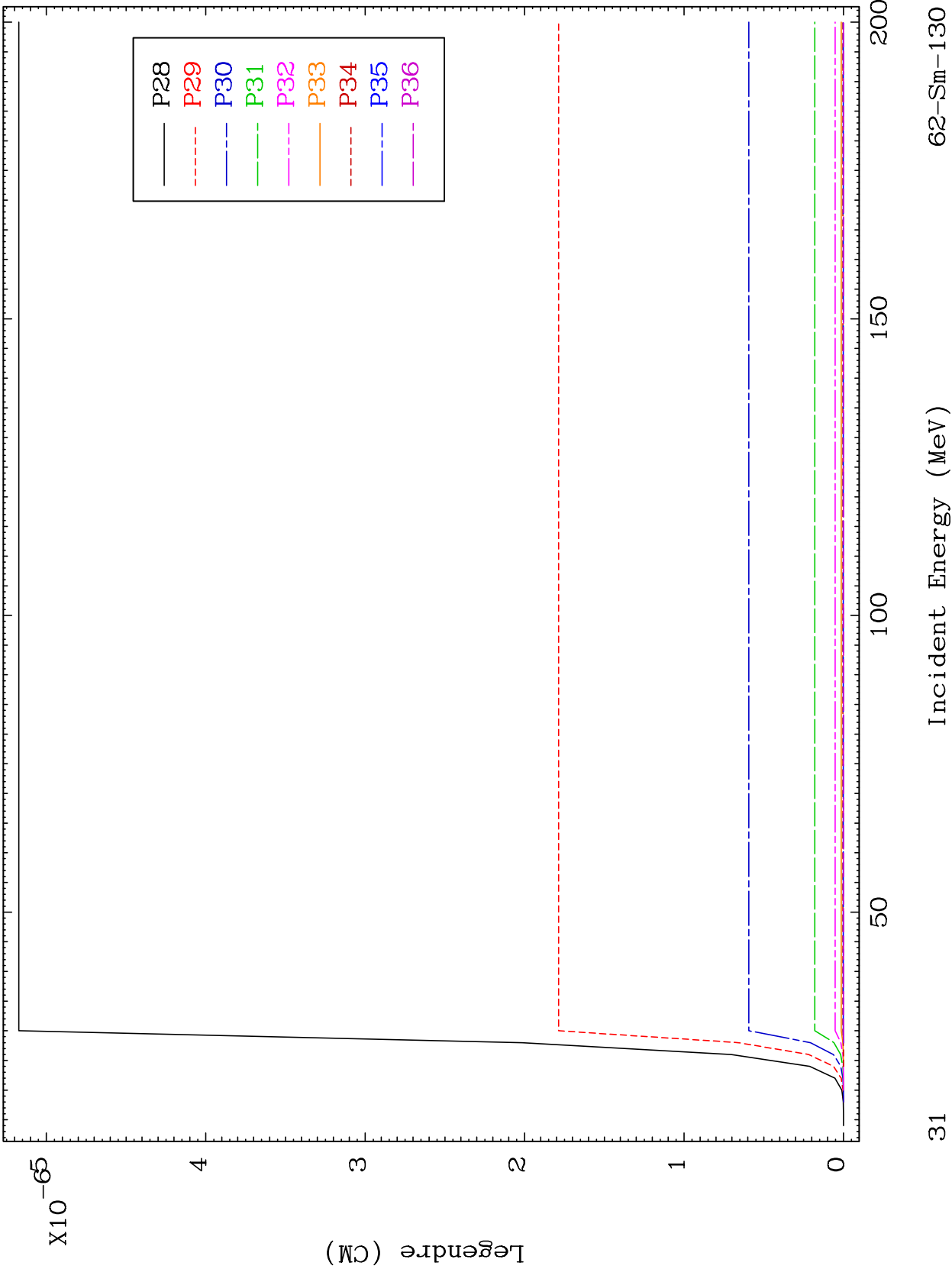
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

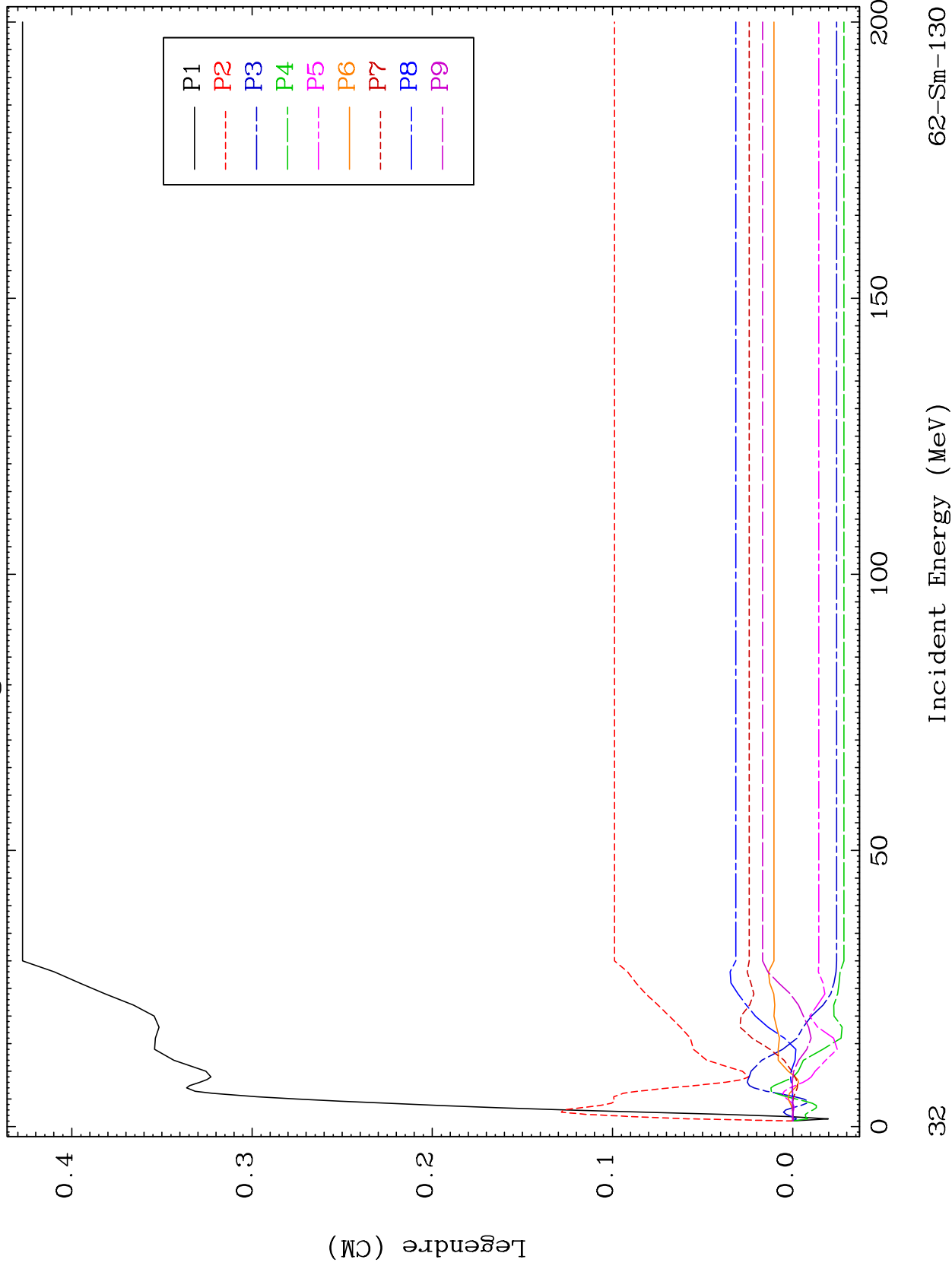
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MAT 6183

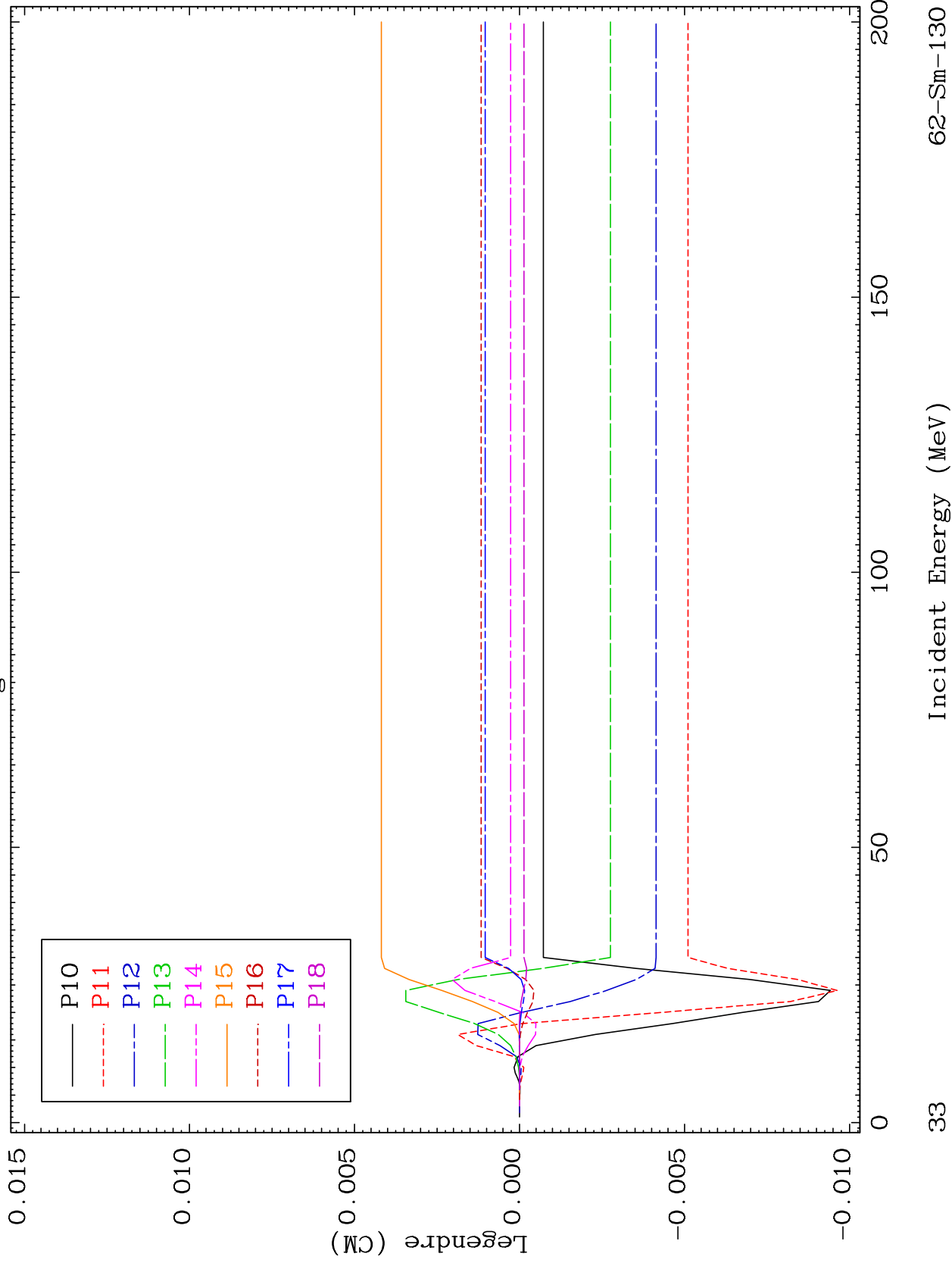
MT= 54 (n,n') Level
Legendre Coefficients

62-Sm-130



62-Sm-130

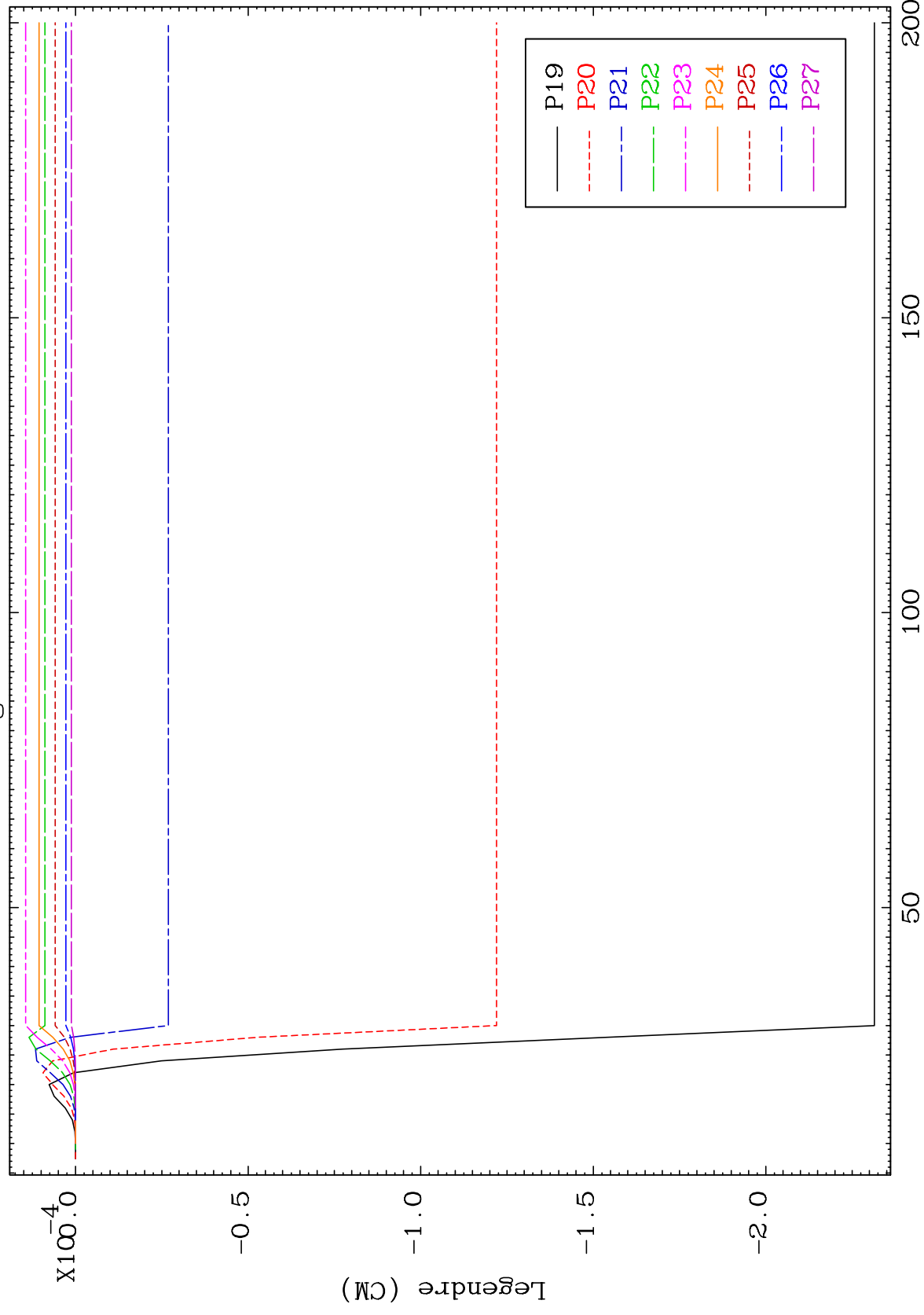
Incident Energy (MeV)



MAT 6183

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

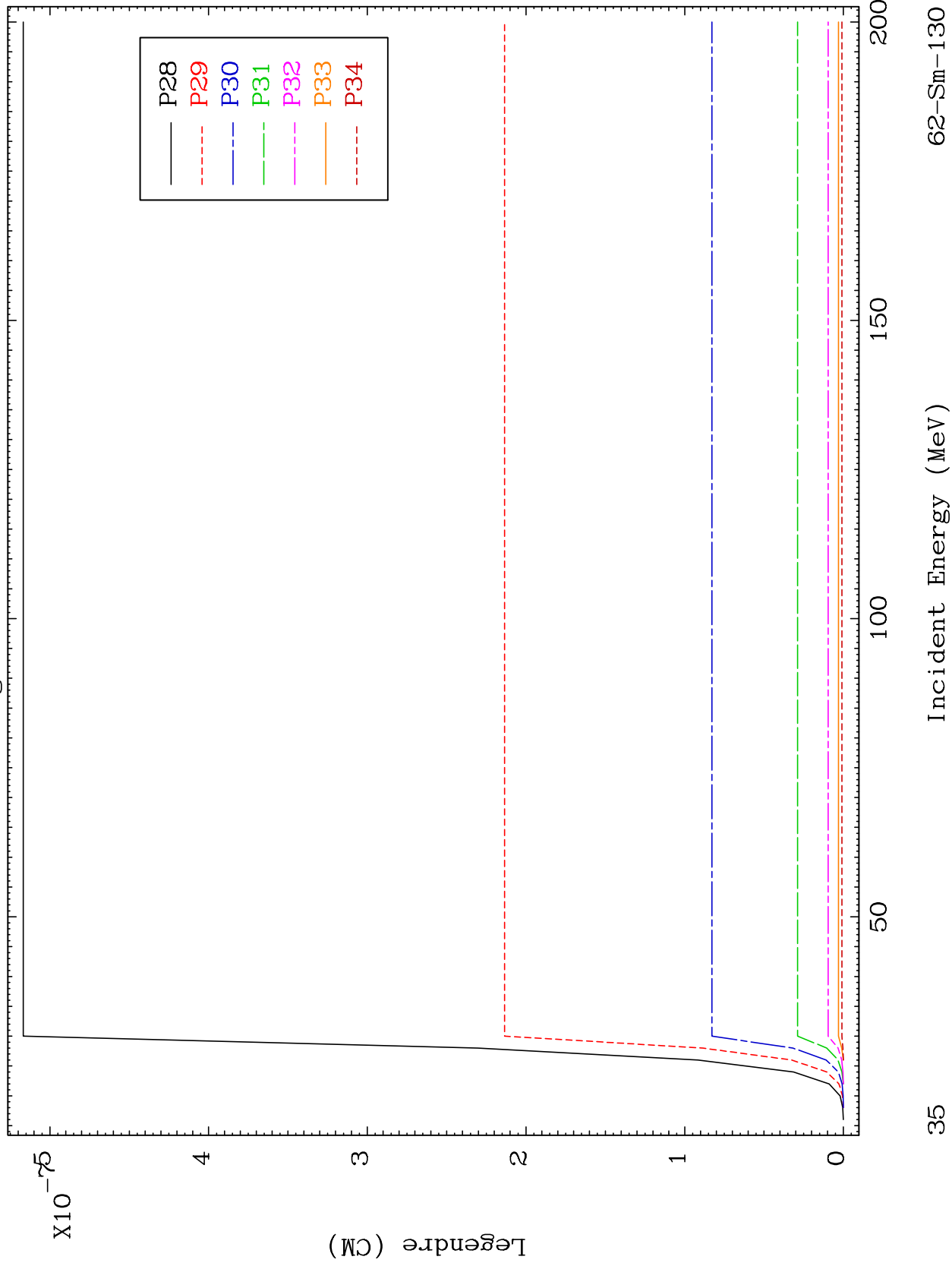
62-Sm-130



MAT 6183

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

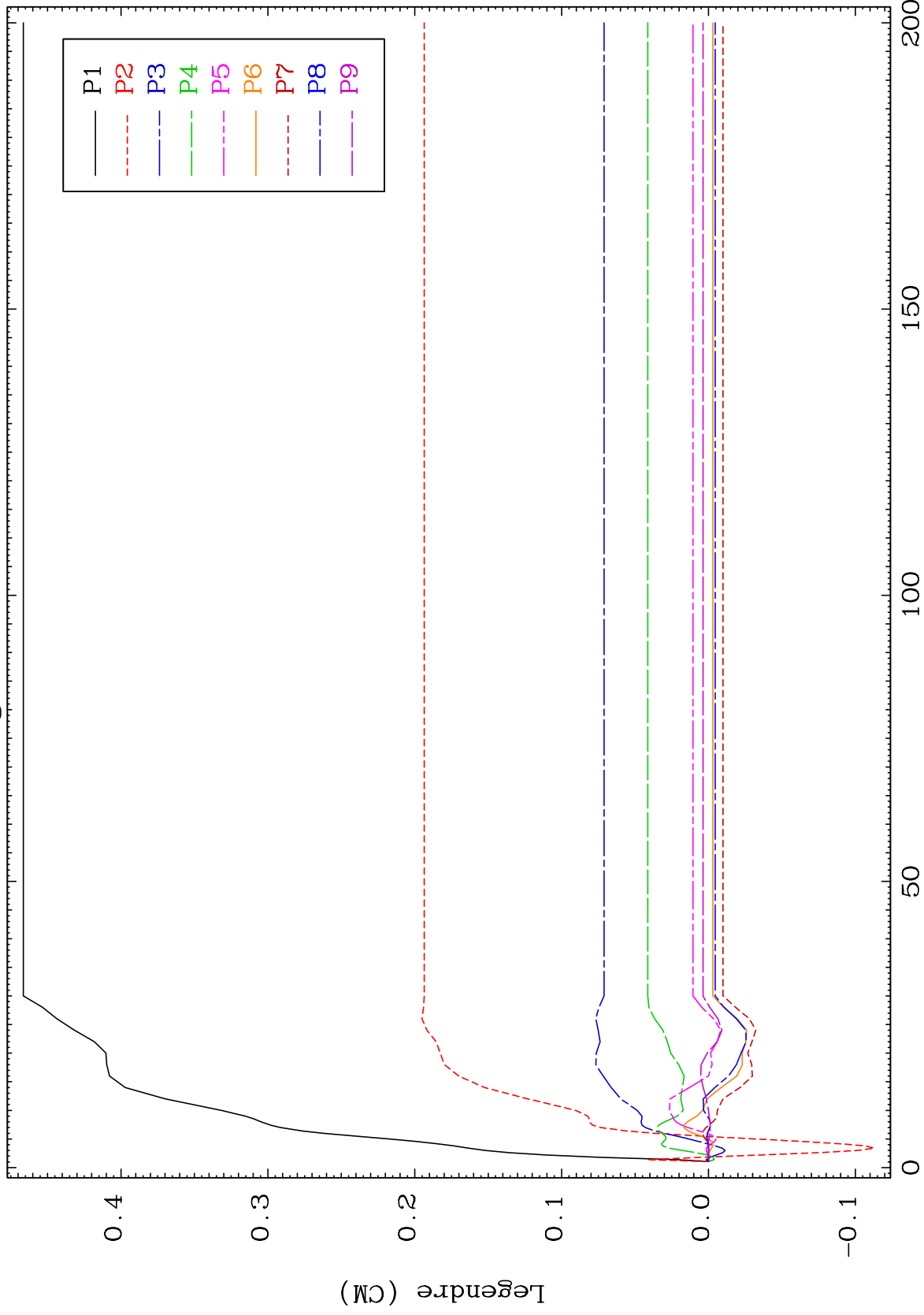
62-Sm-130



MAT 6183

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

62-Sm-130



36

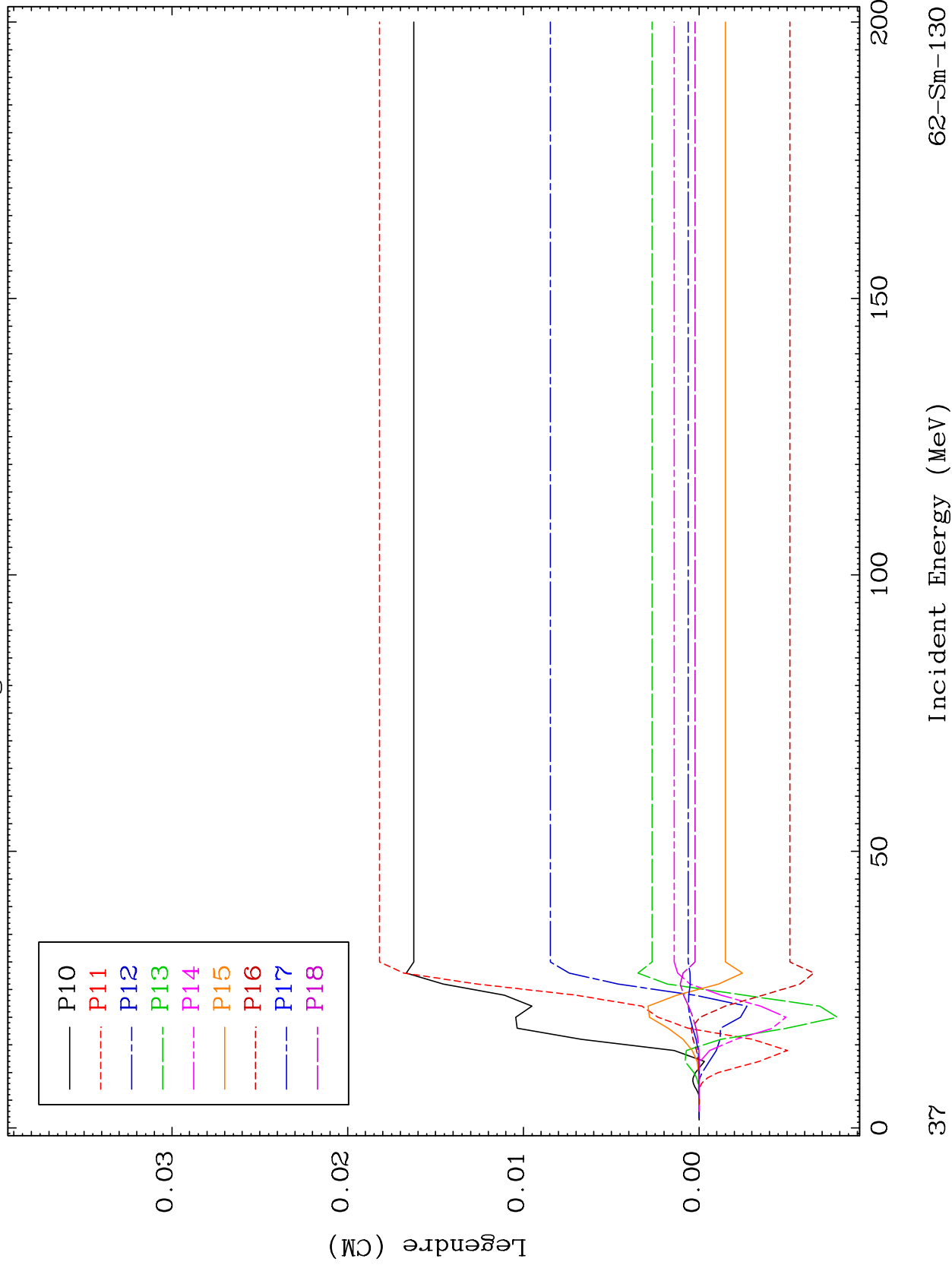
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



37

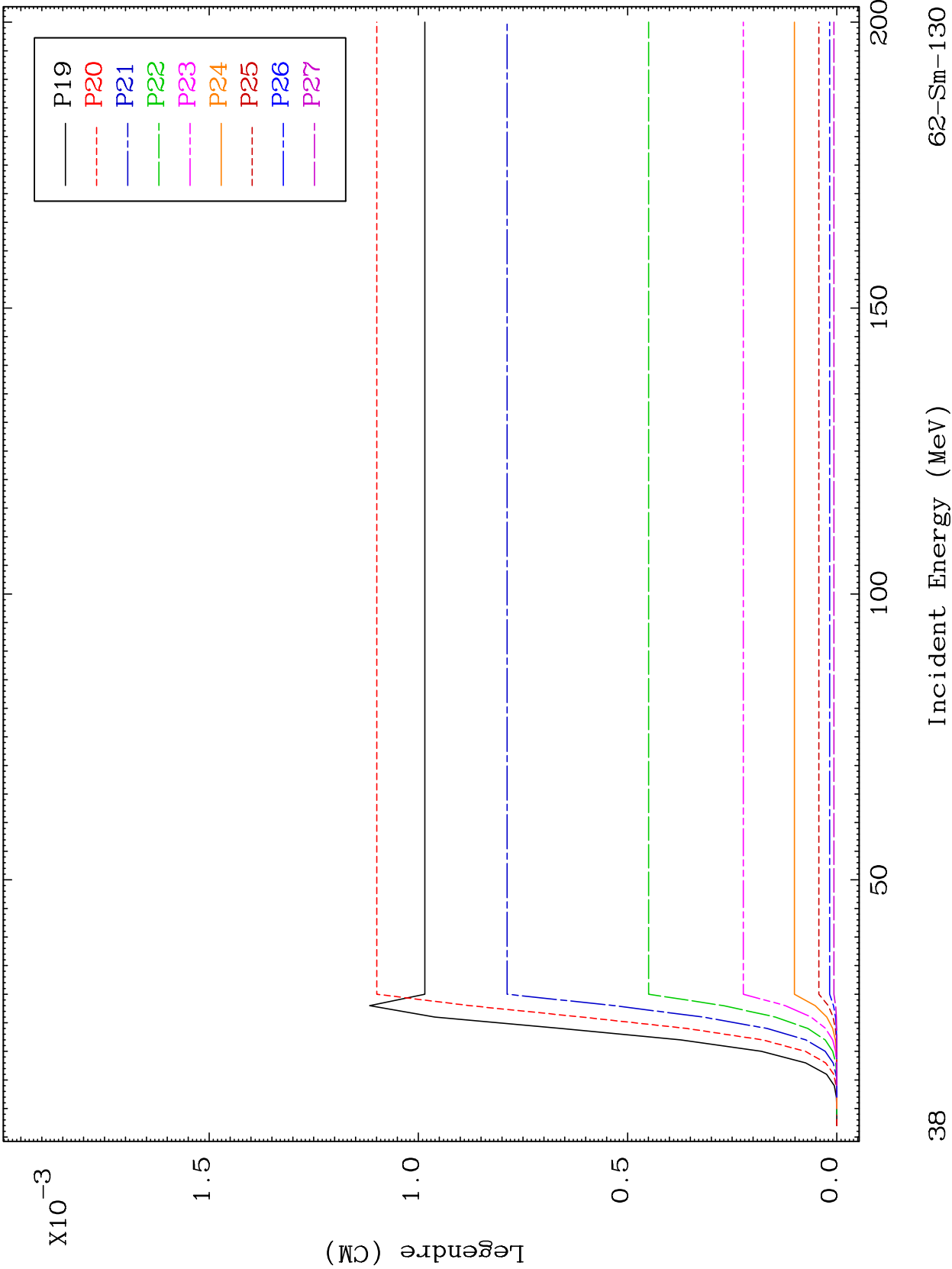
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

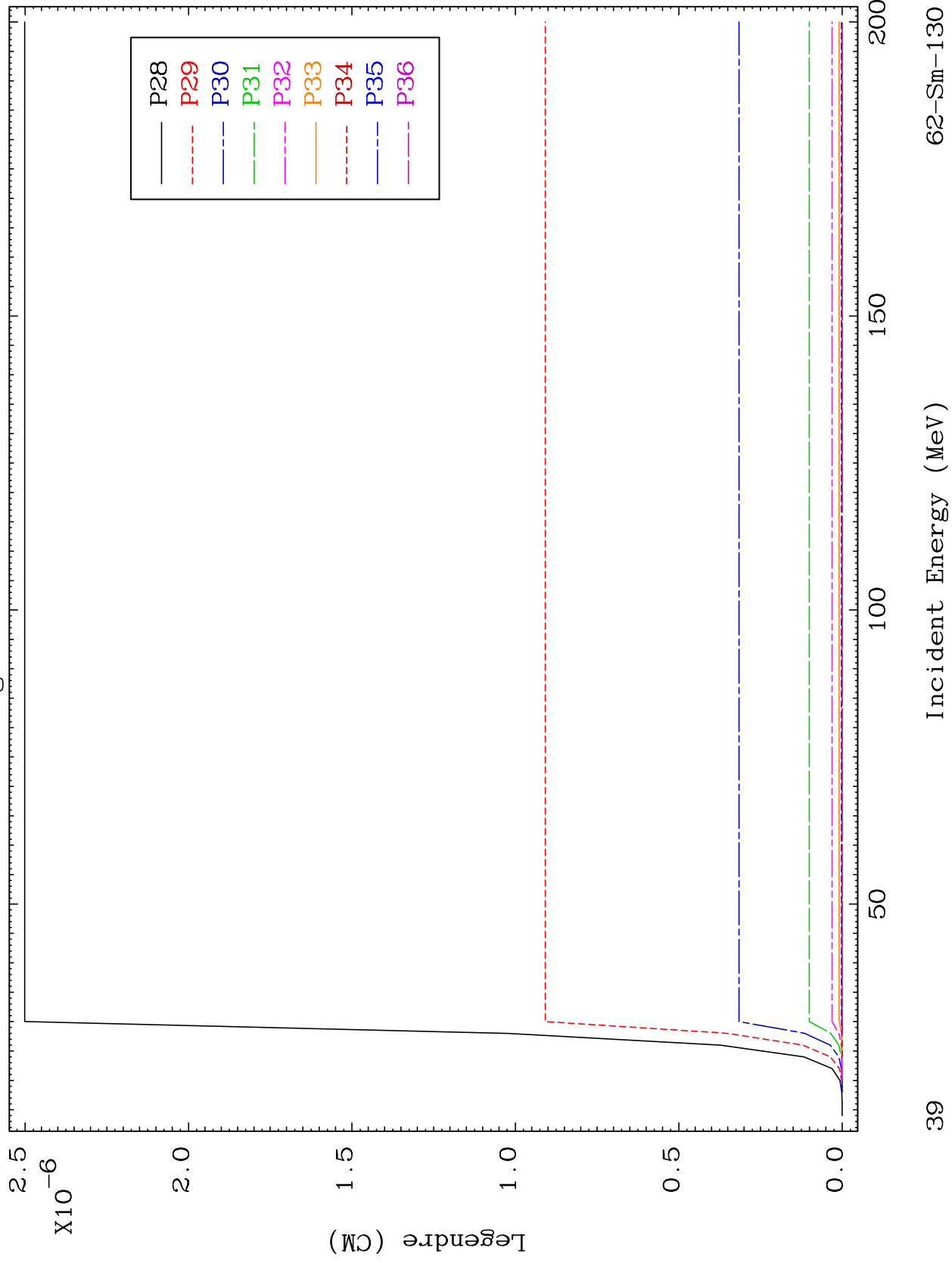
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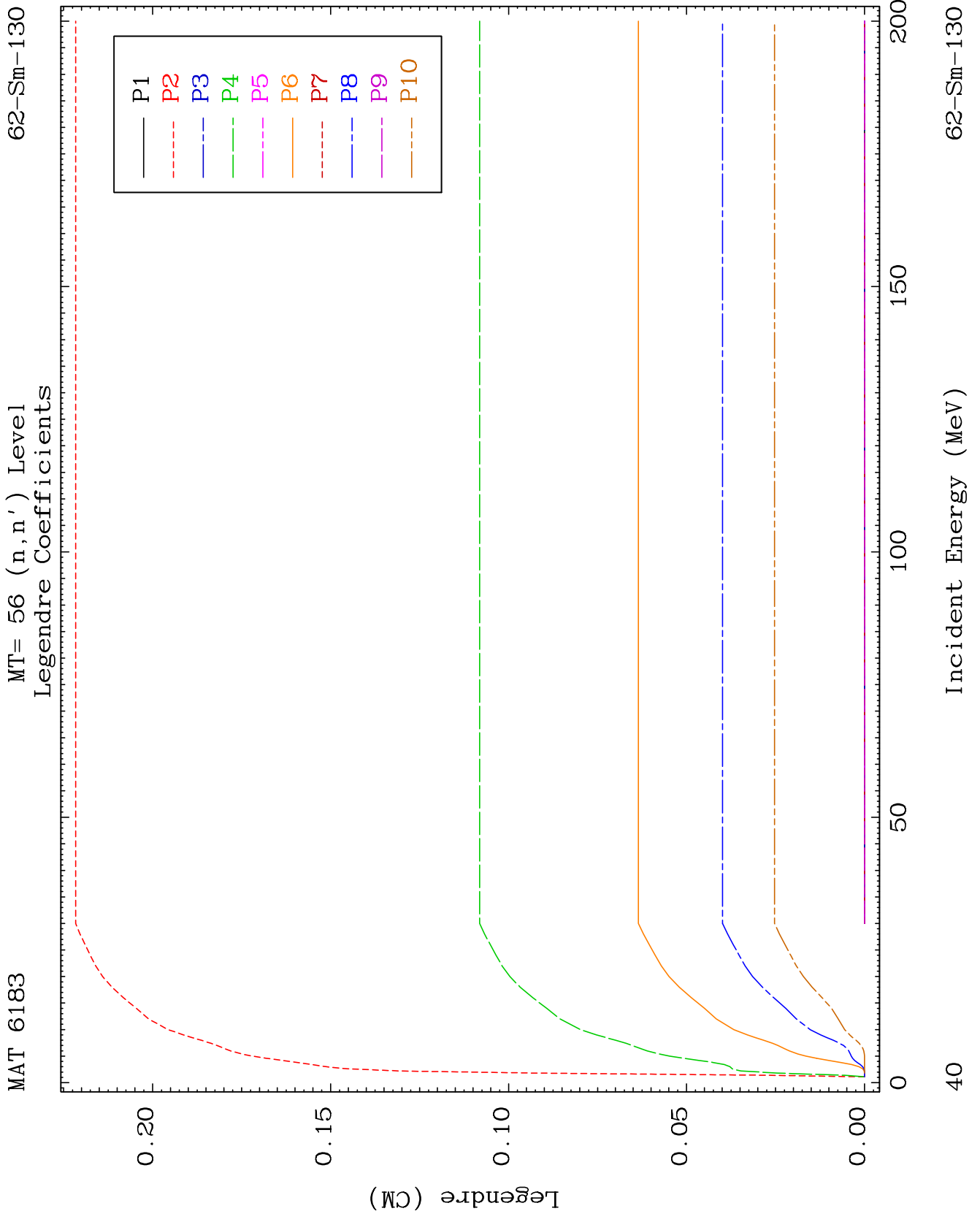
MAT 6183

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

62-Sm-130



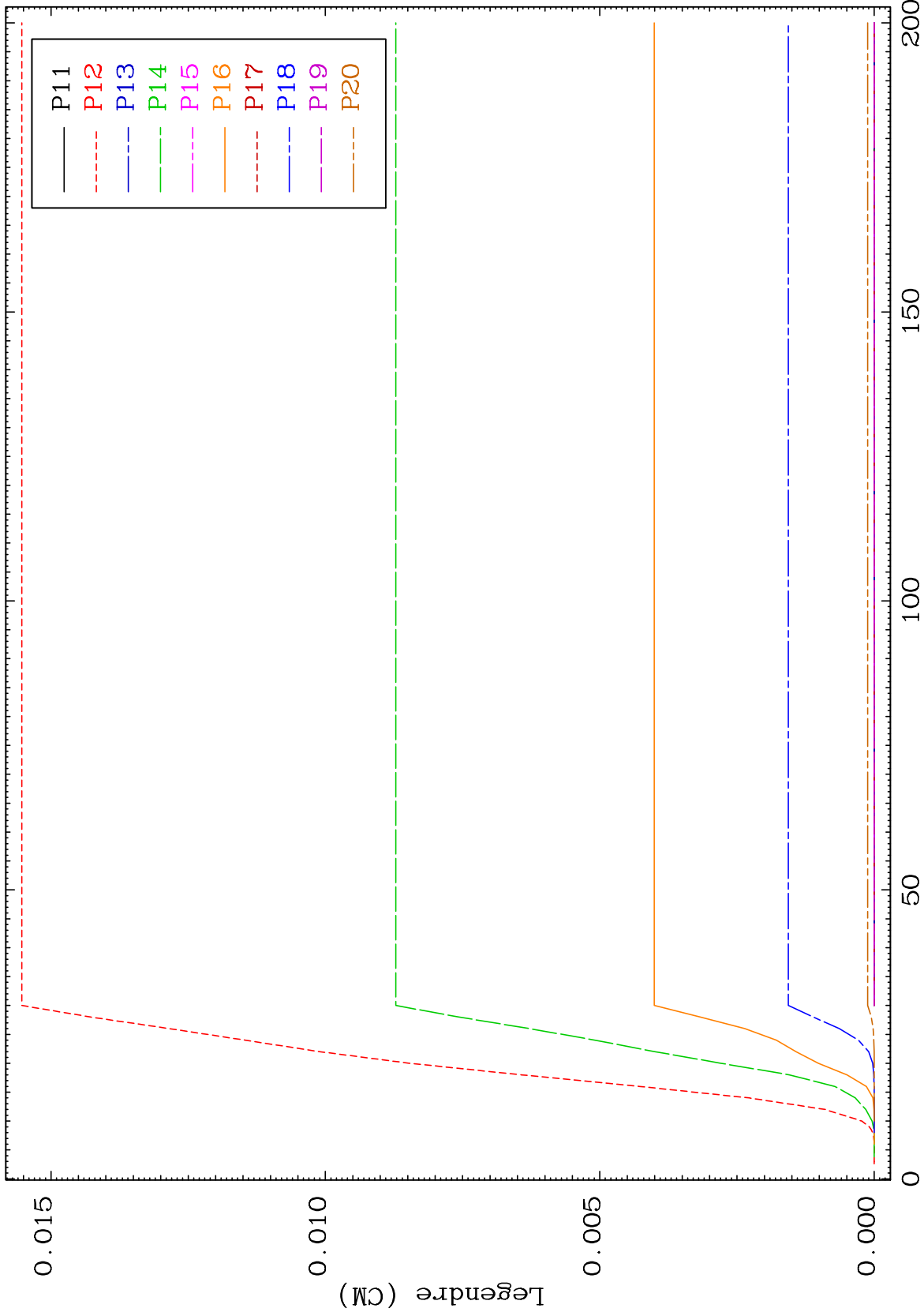
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MAT 6183

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

62-Sm-130



41

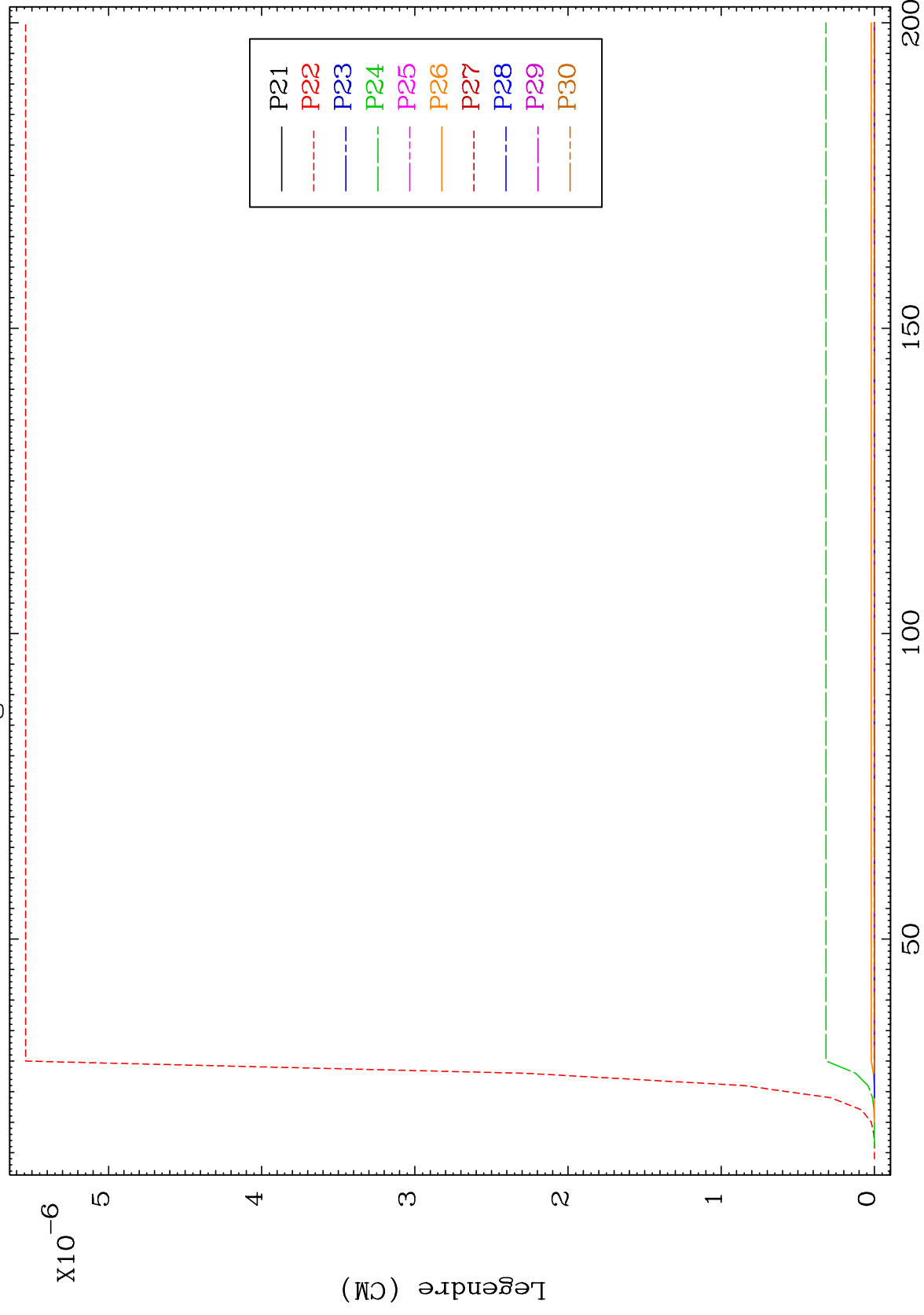
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



42

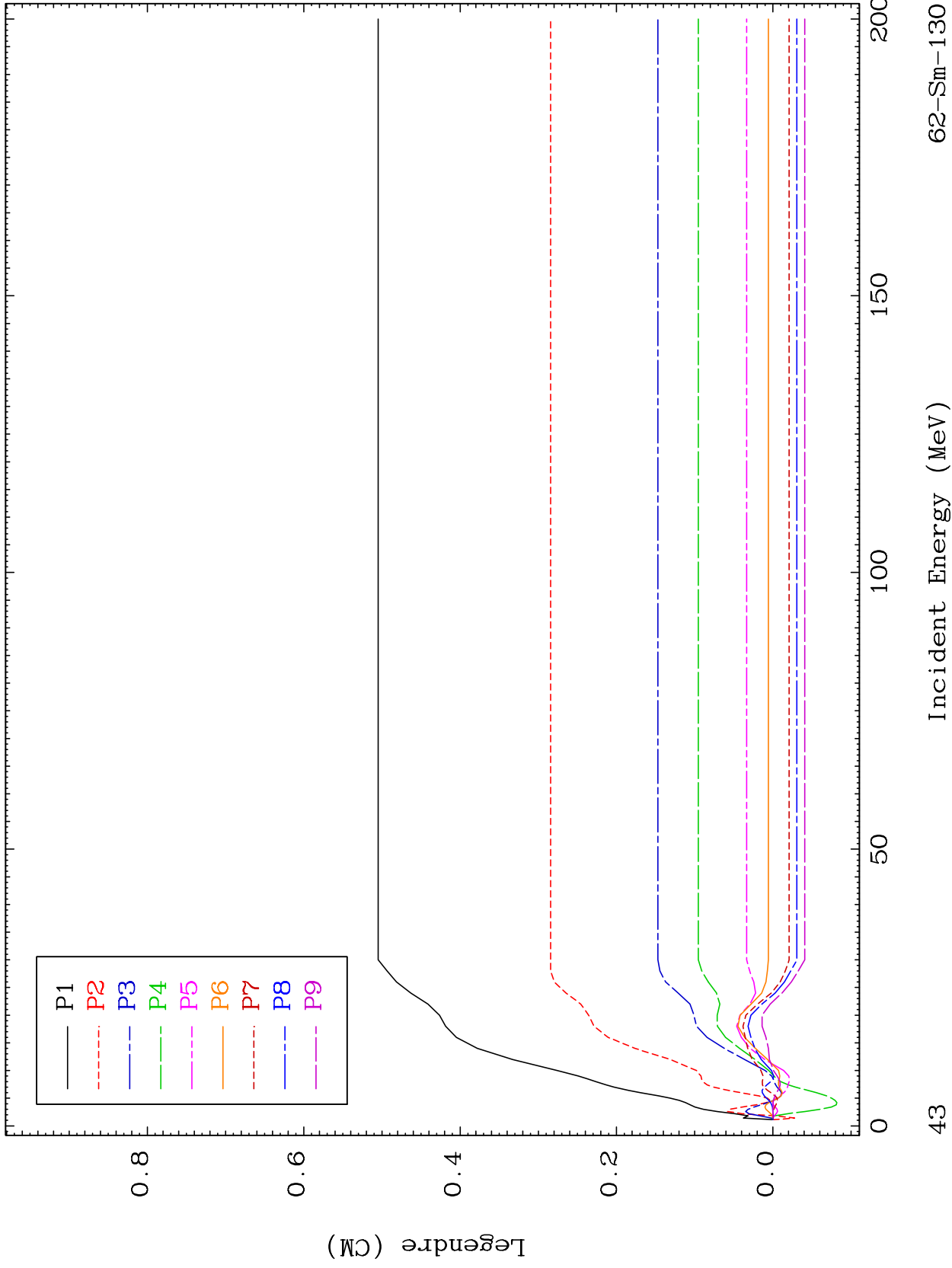
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



43

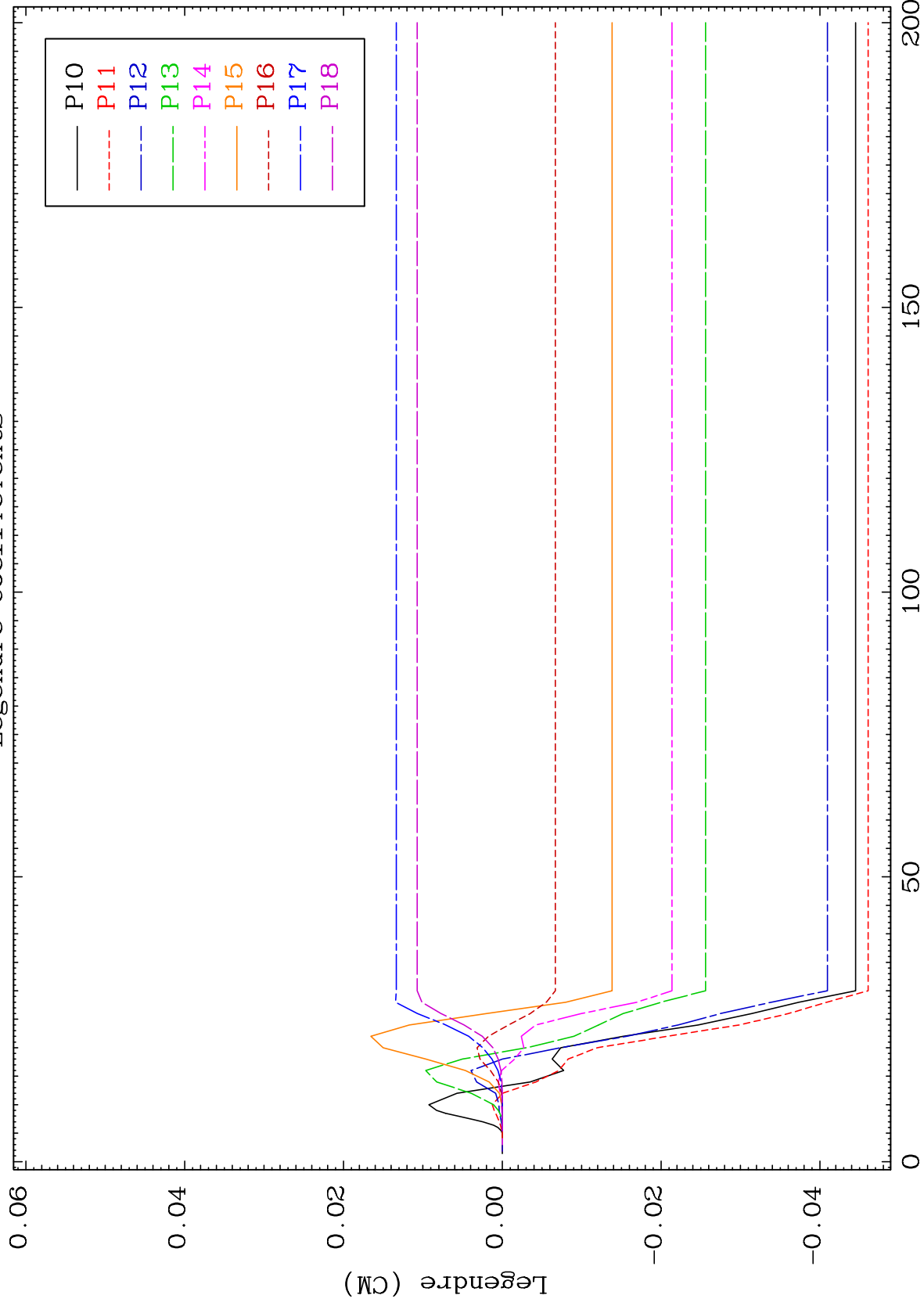
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62-Sm-130

MAT 6183

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

62-Sm-130



44

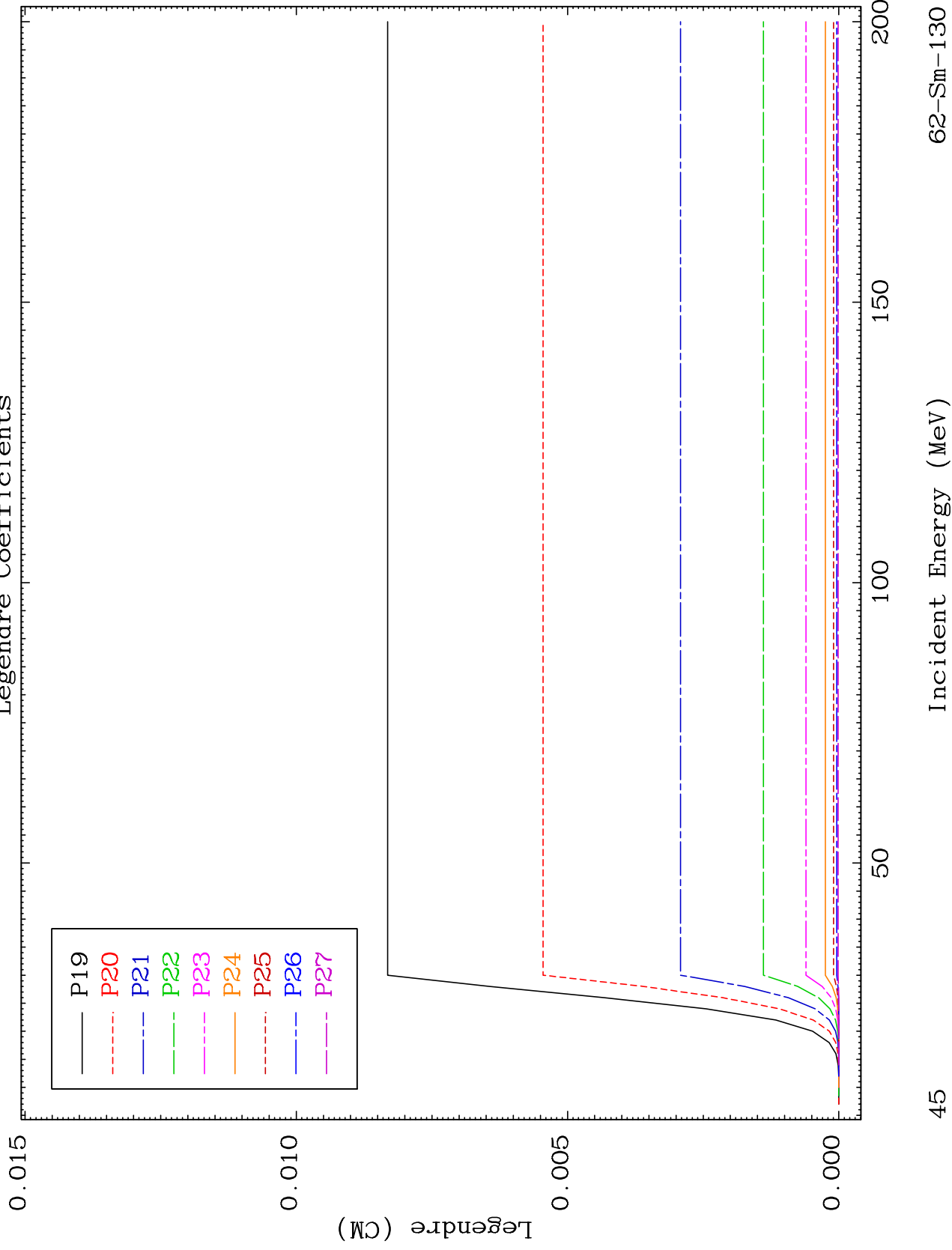
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



45

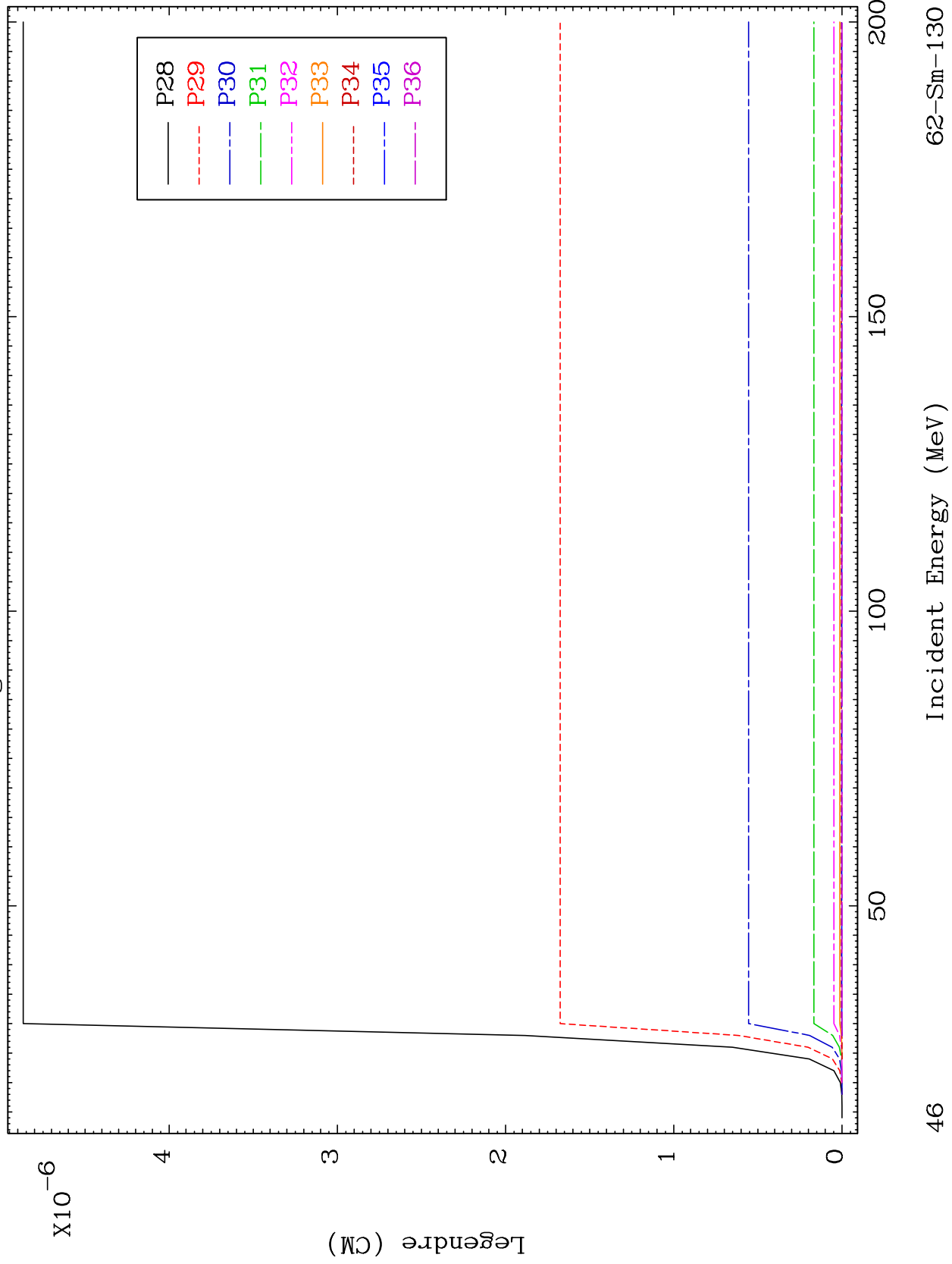
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



46

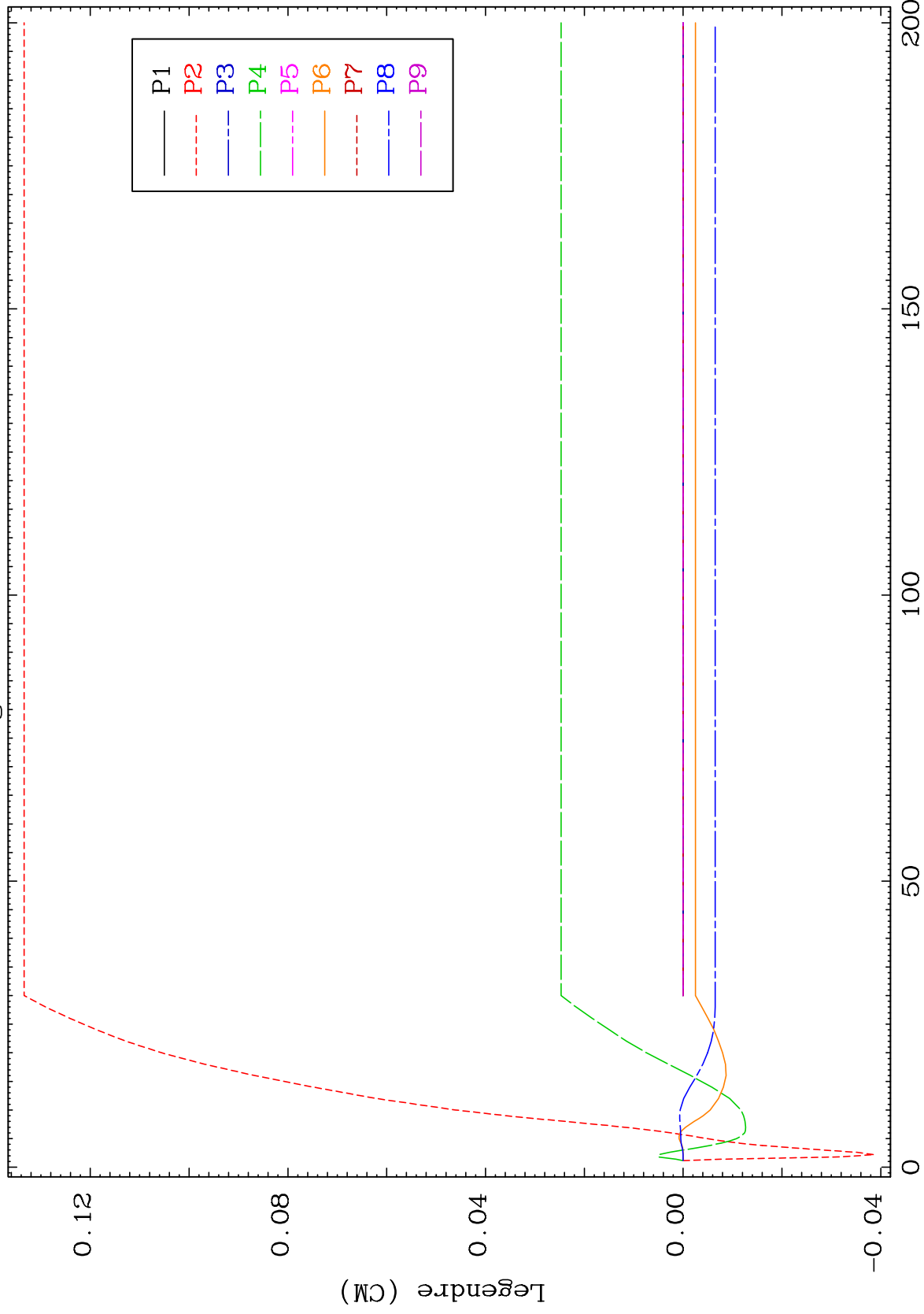
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



47

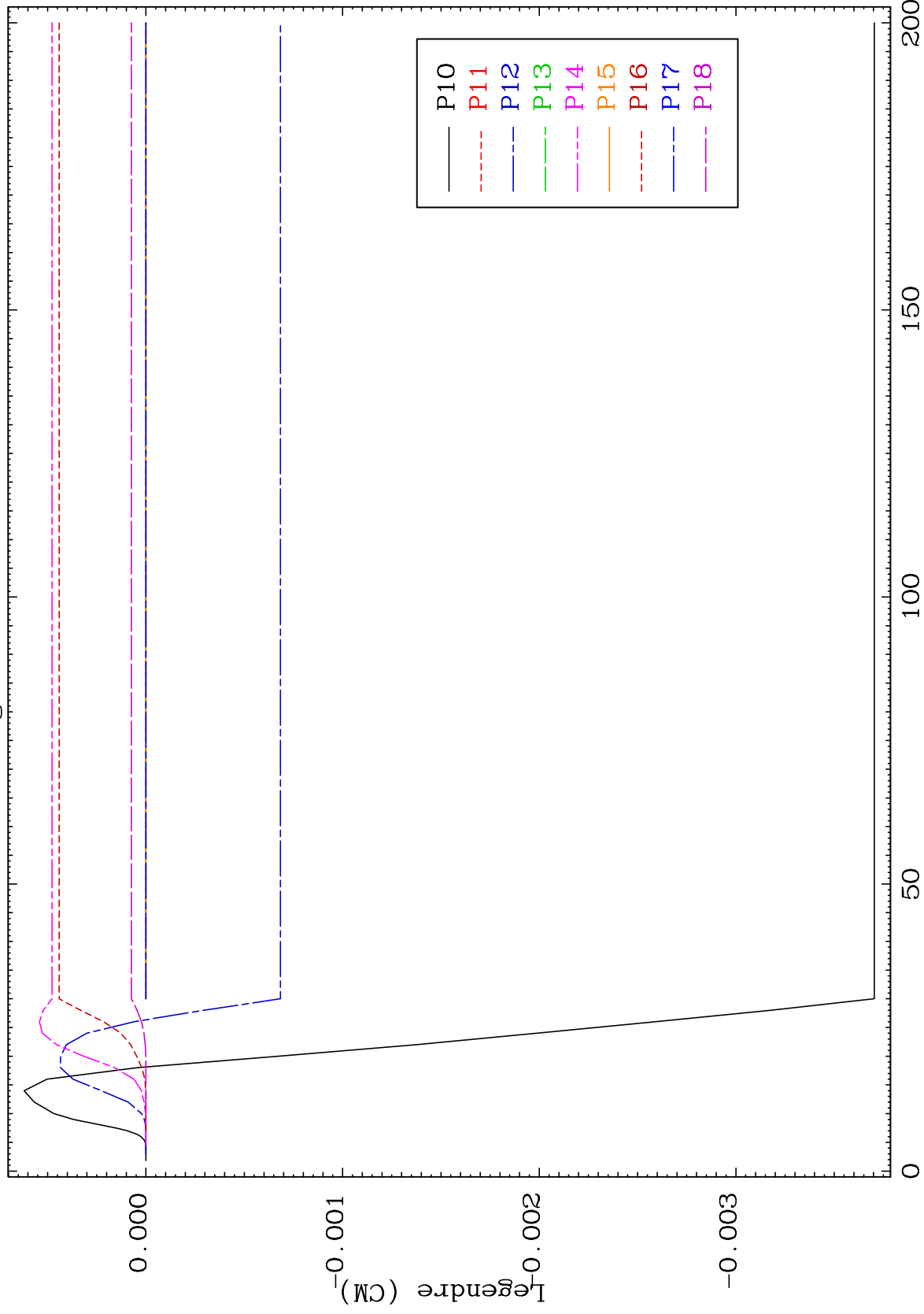
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

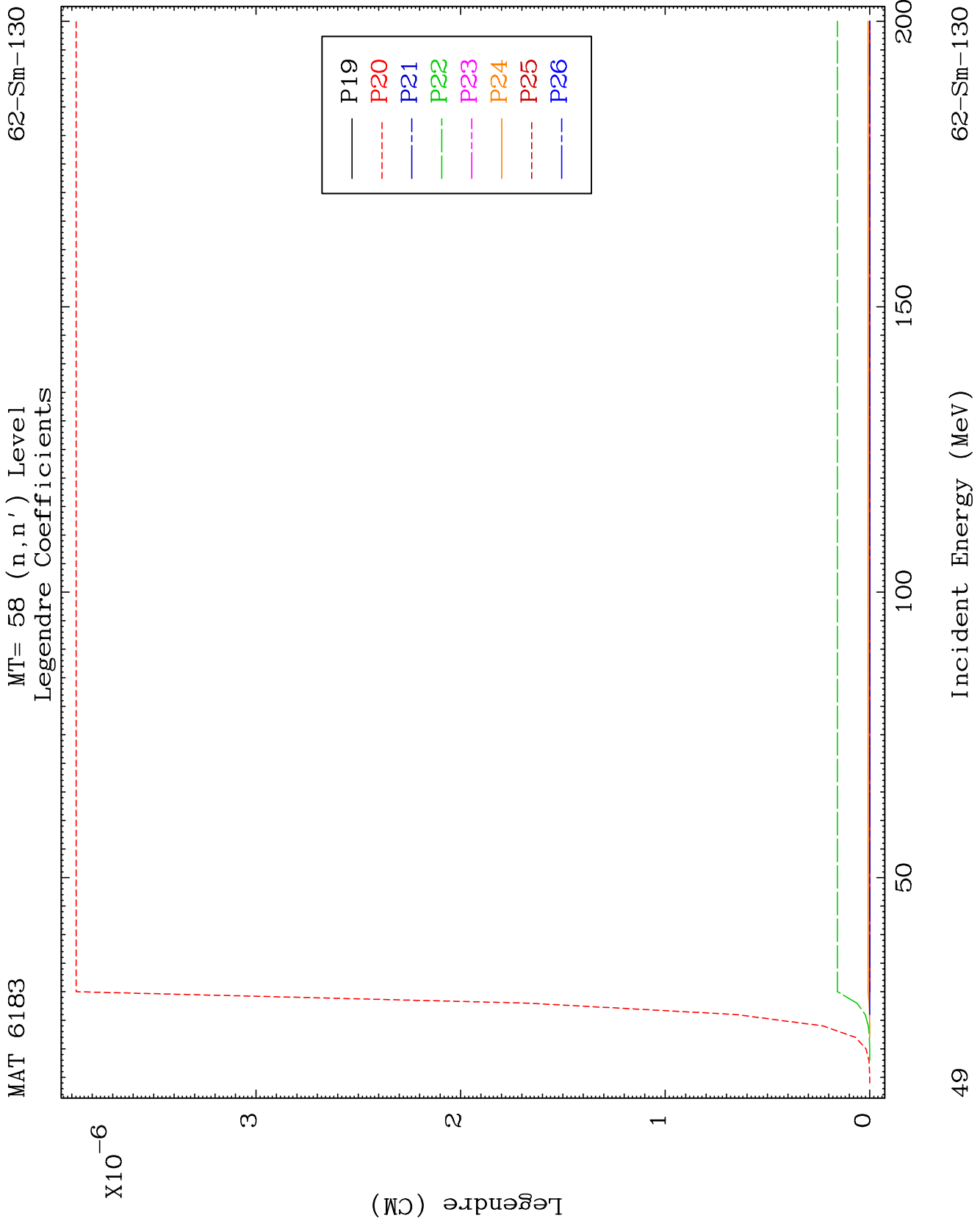
62-Sm-130



48

Incident Energy (MeV)

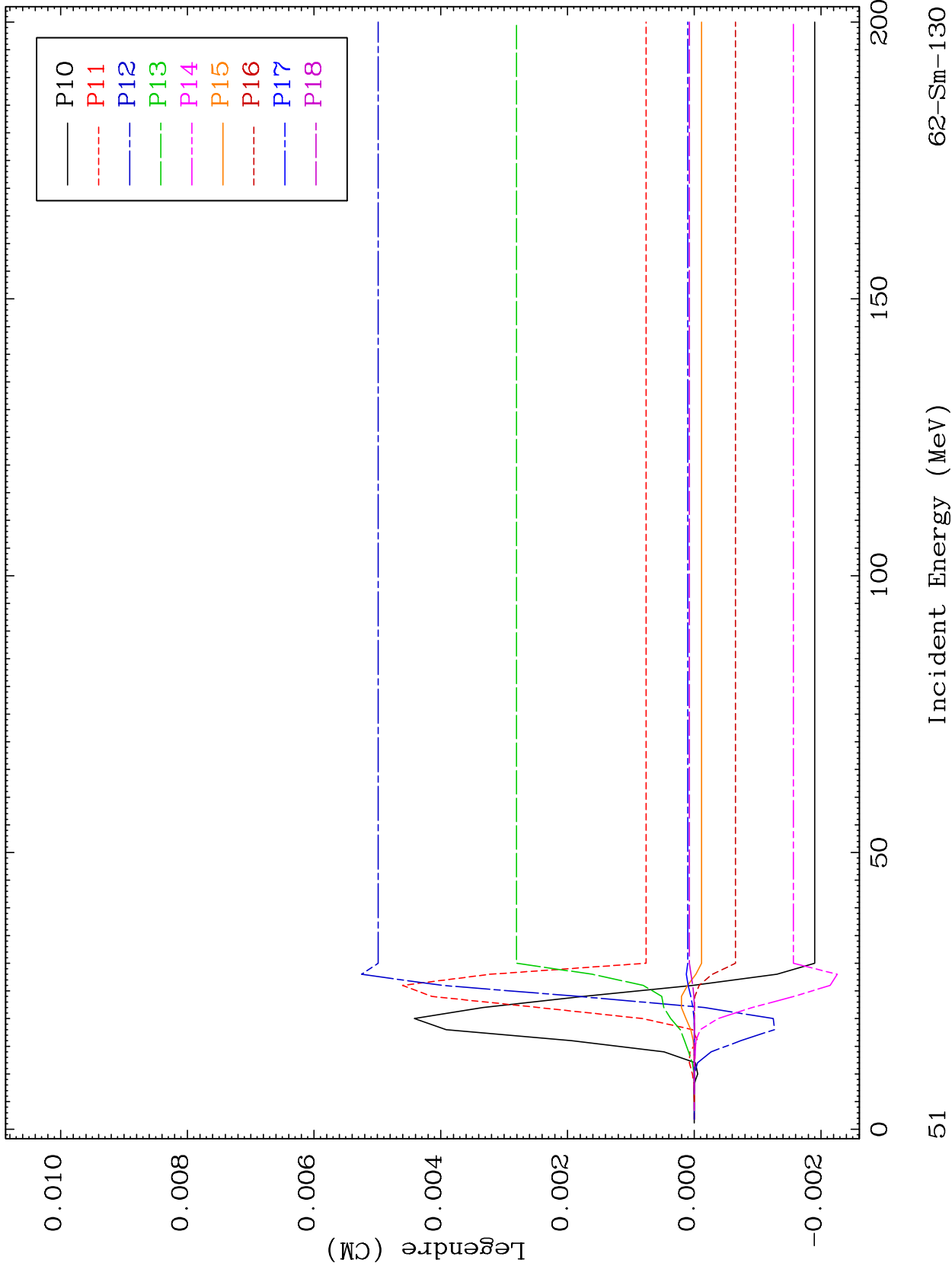
62-Sm-130



MAT 6183

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

62-Sm-130



51

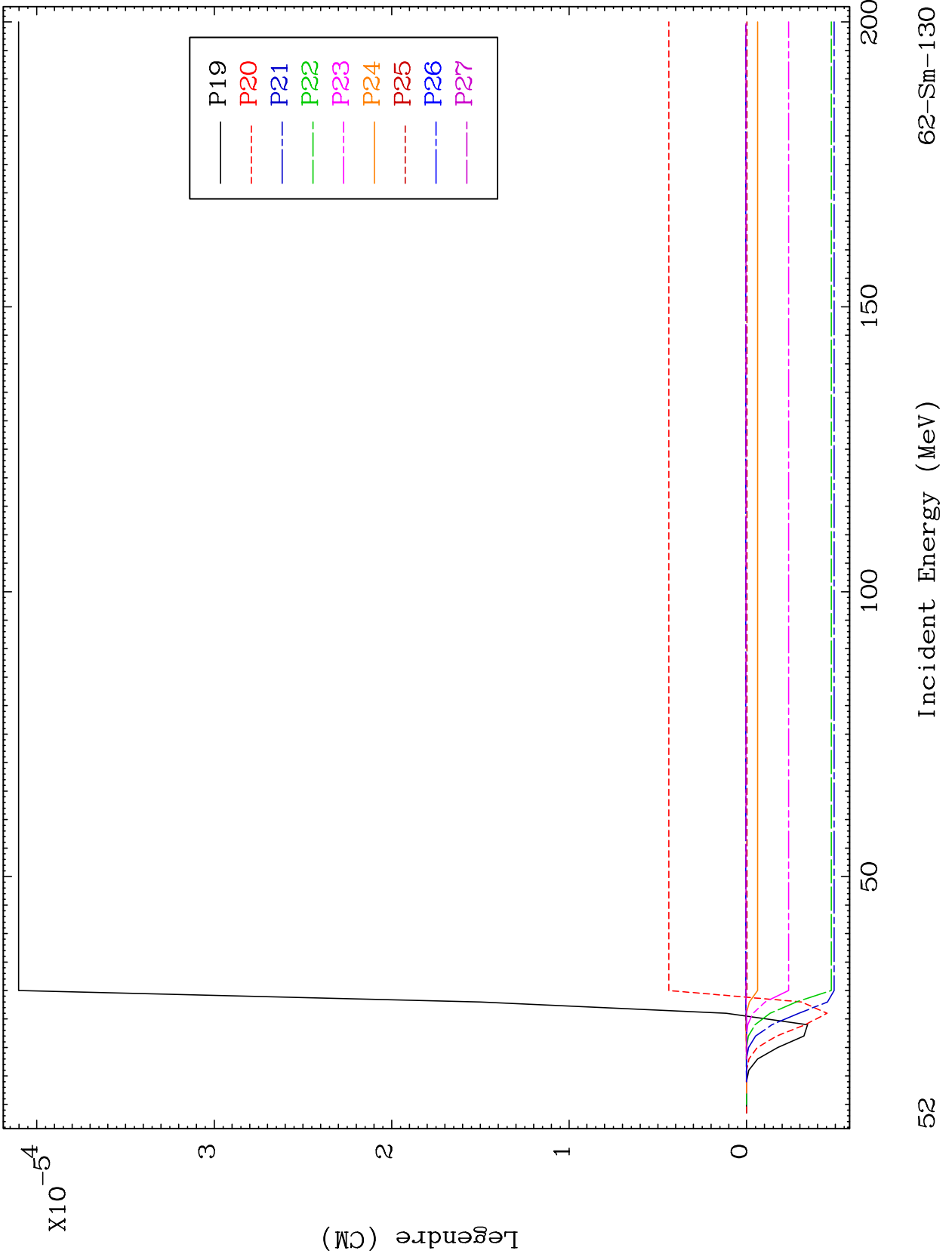
Incident Energy (MeV)

62-Sm-130

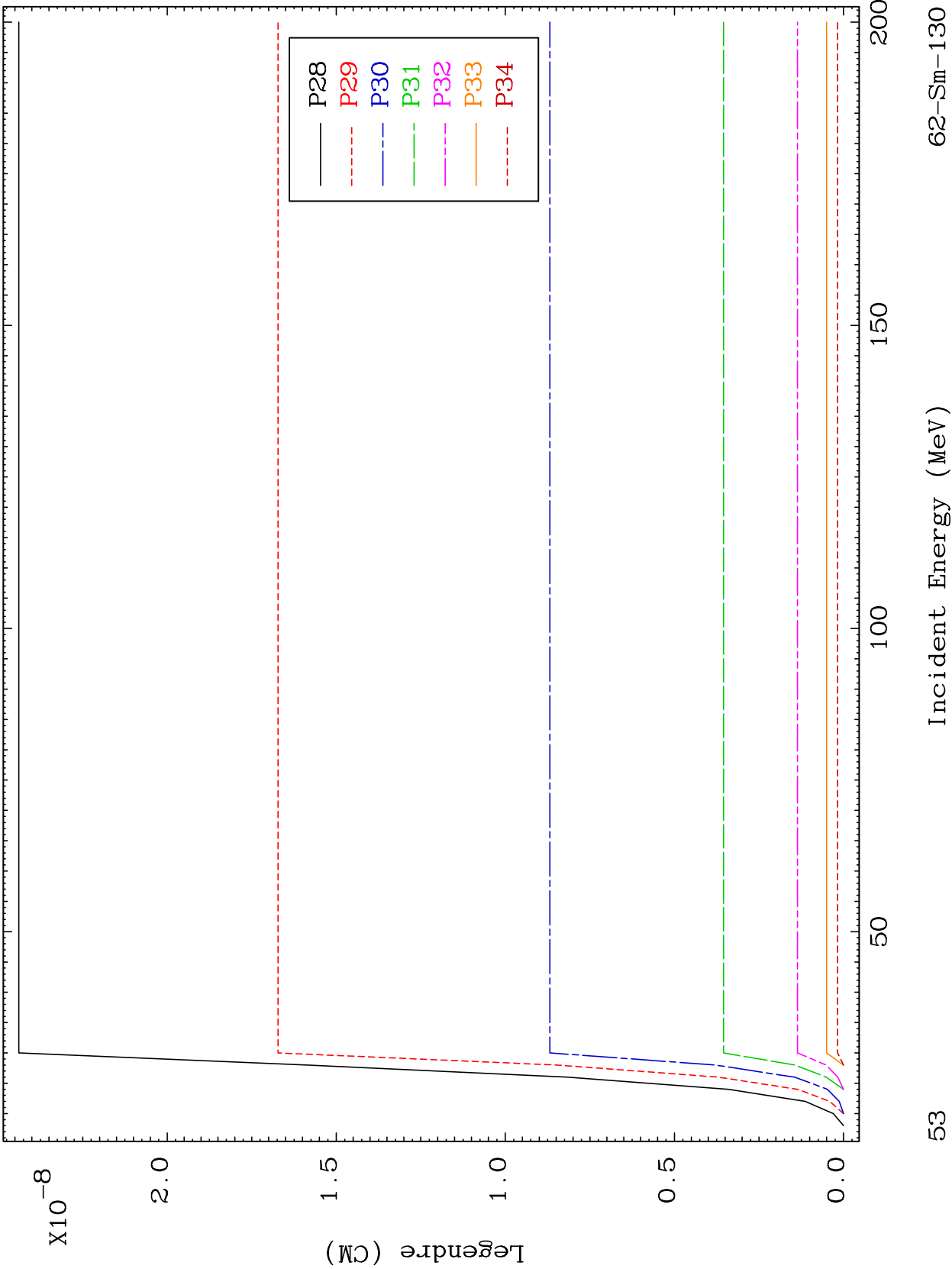
MAT 6183

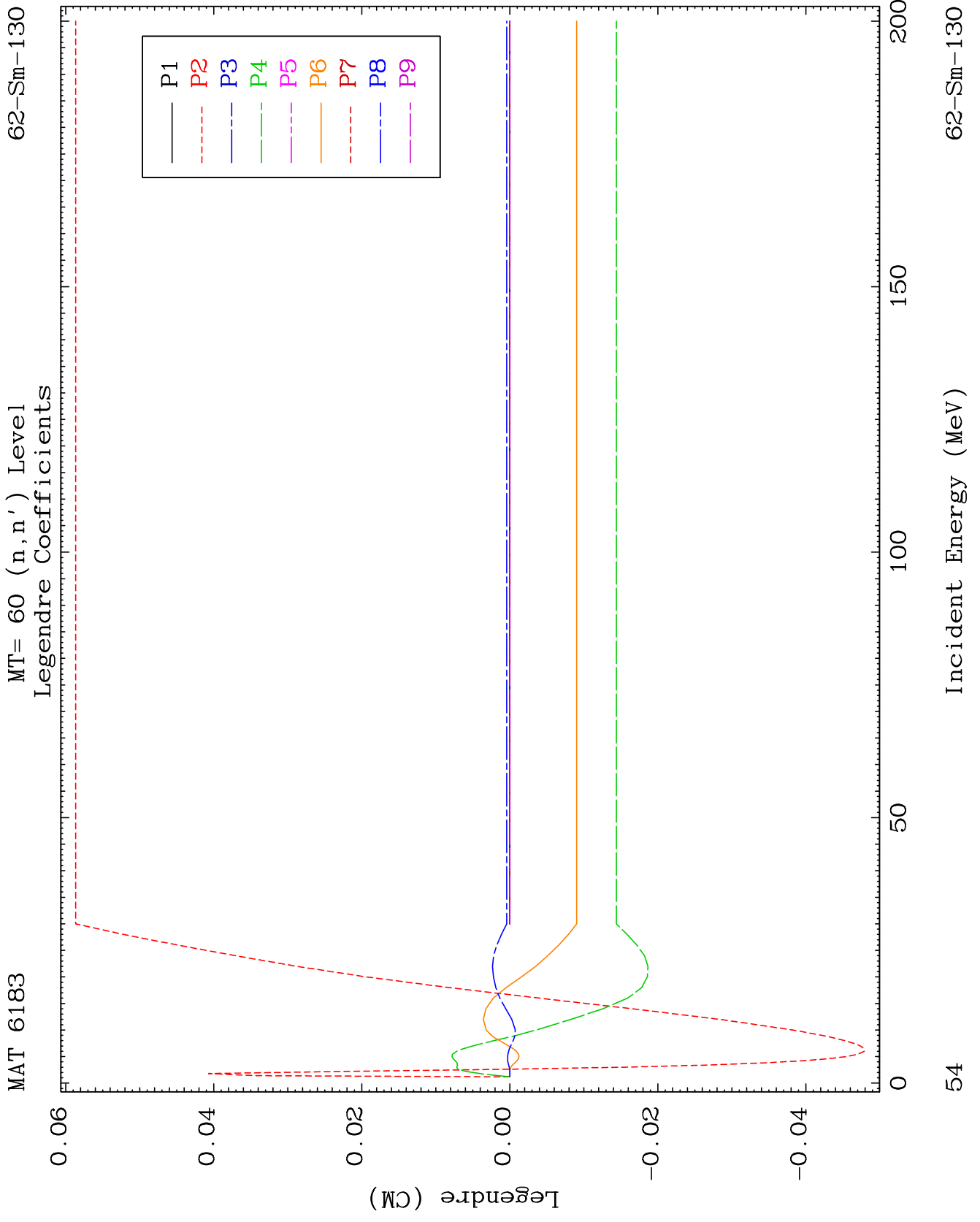
MT= 59 (n,n') Level
Legendre Coefficients

62-Sm-130



52

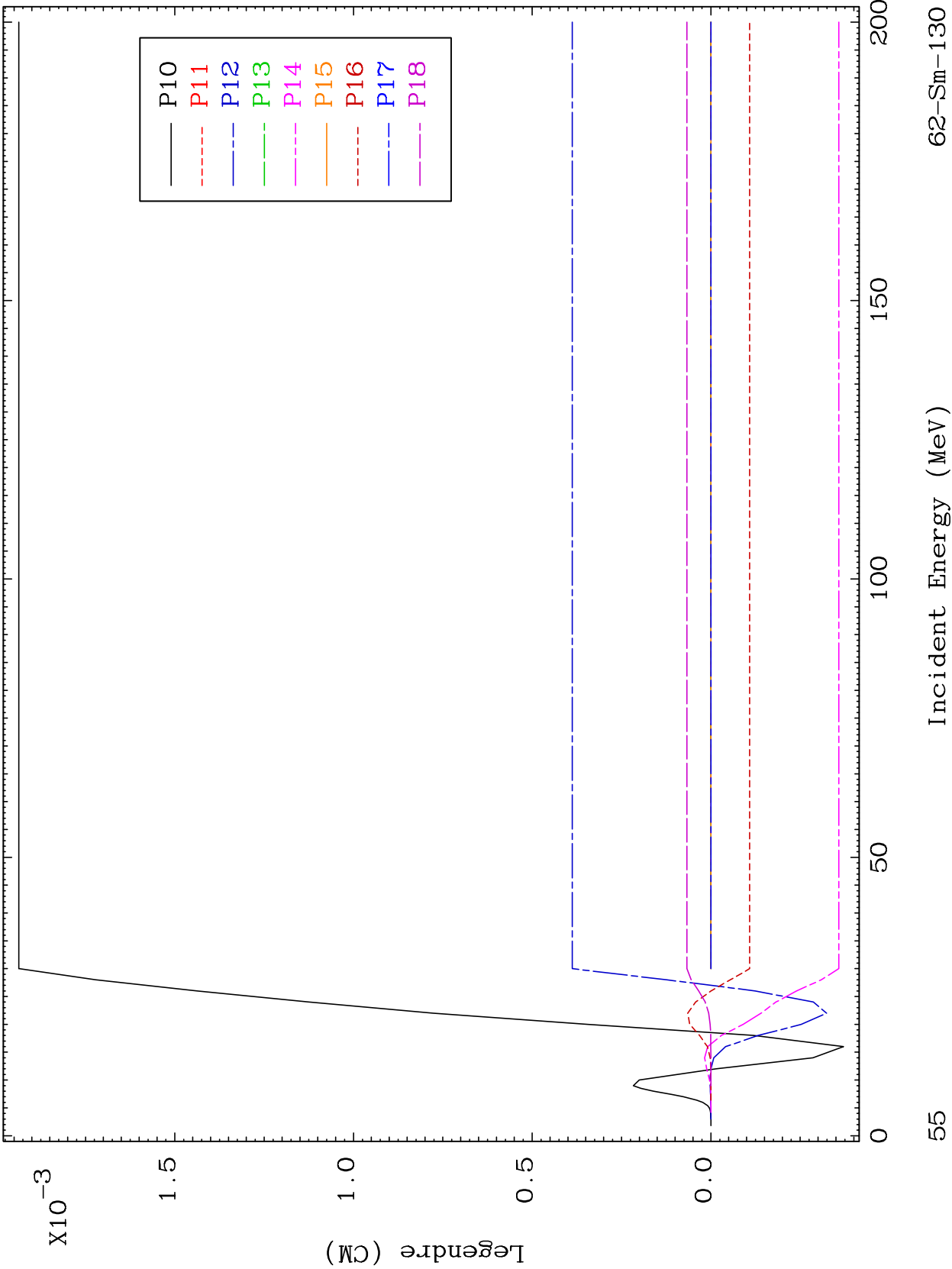




MAT 6183

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

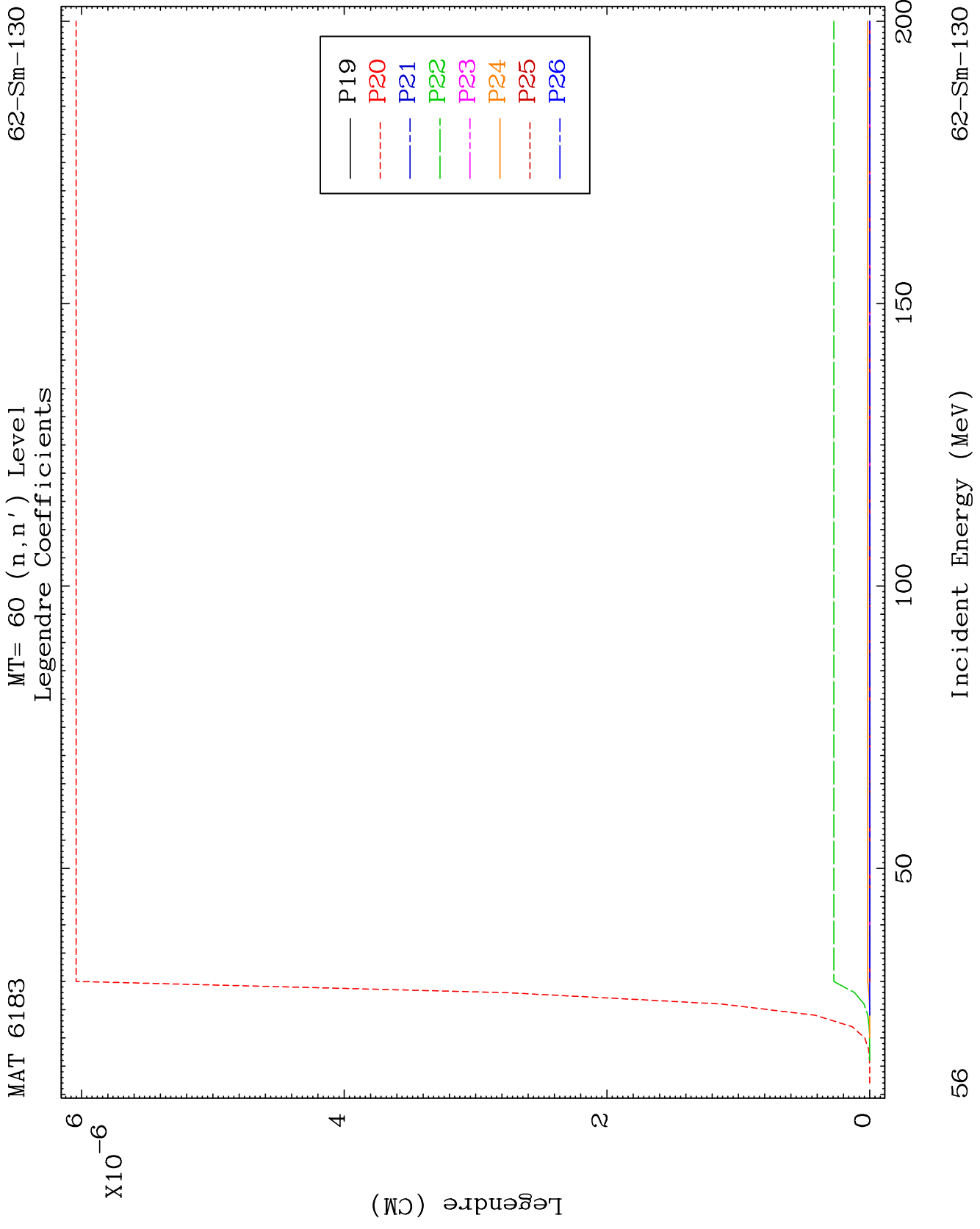
62-Sm-130



55

Incident Energy (MeV)

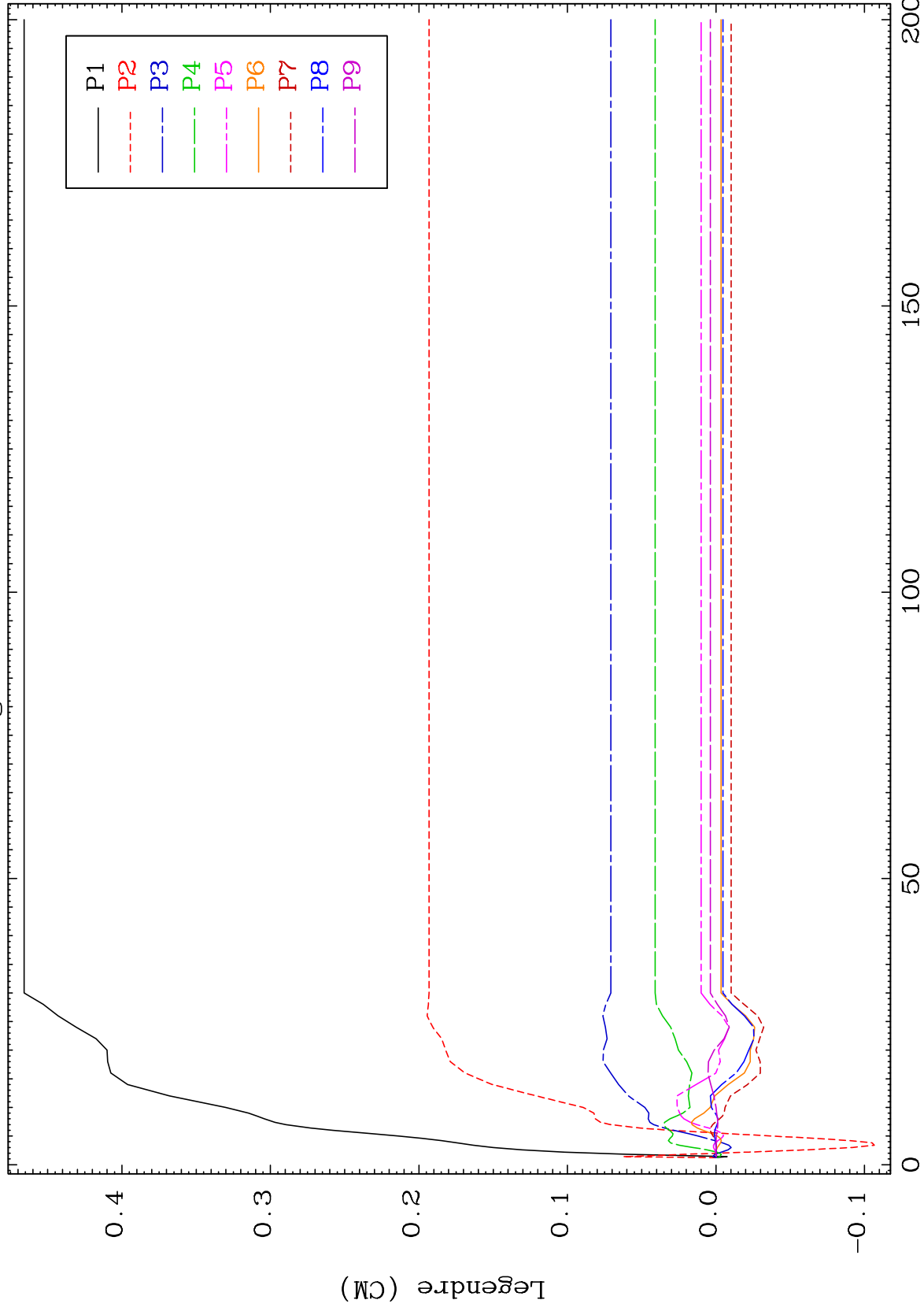
62-Sm-130



MAT 6183

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

62-Sm-130



57

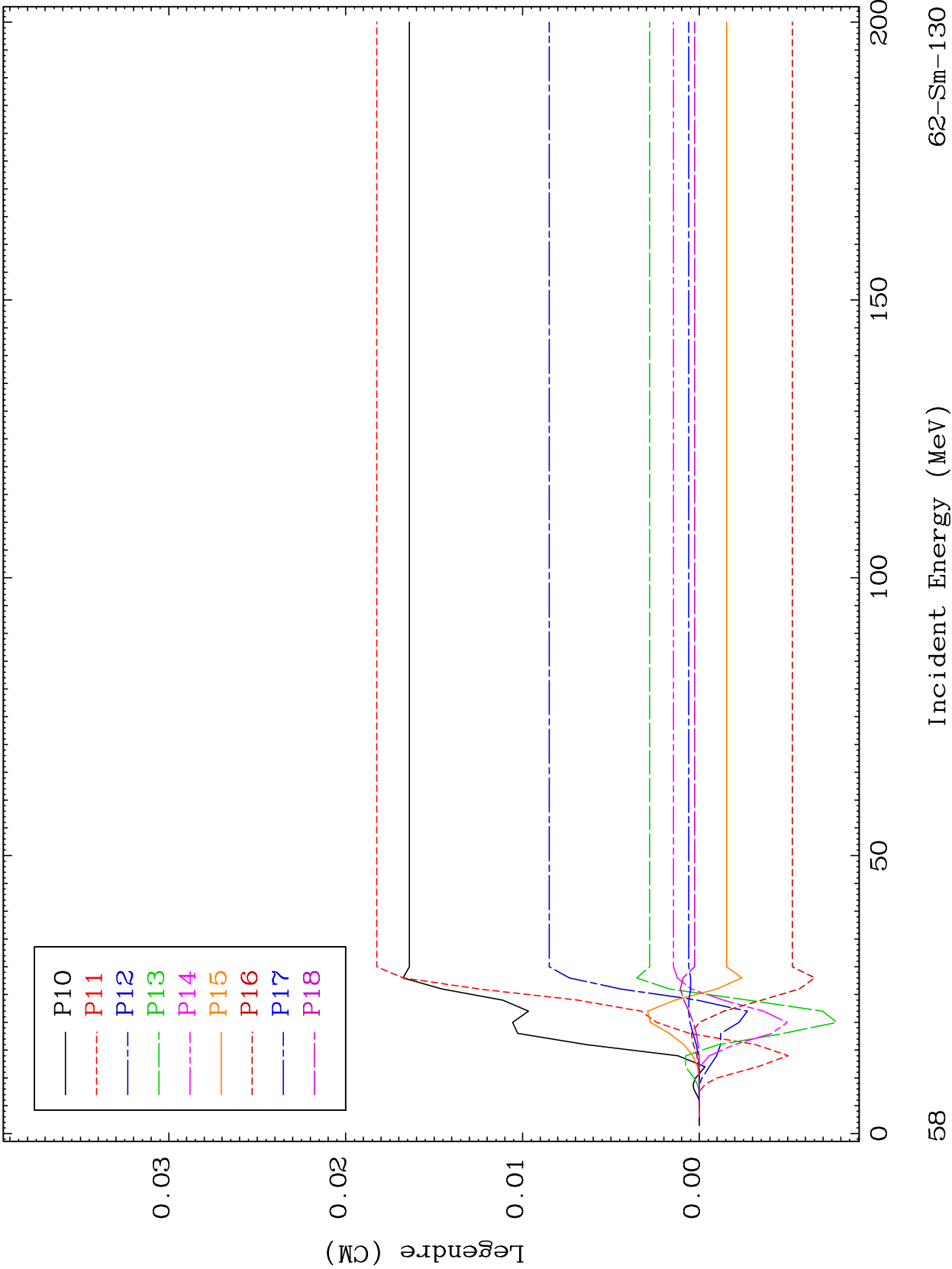
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



58

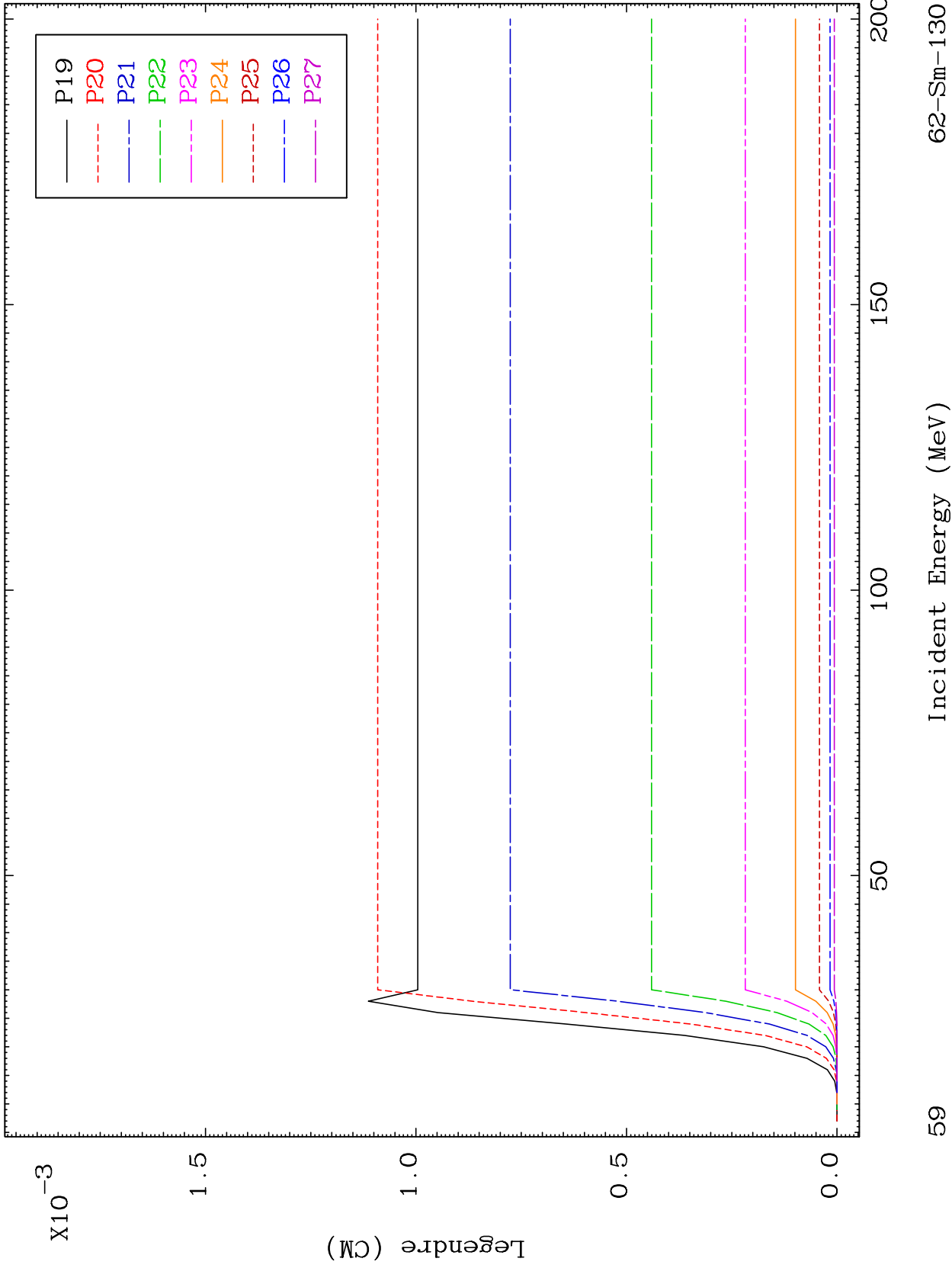
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



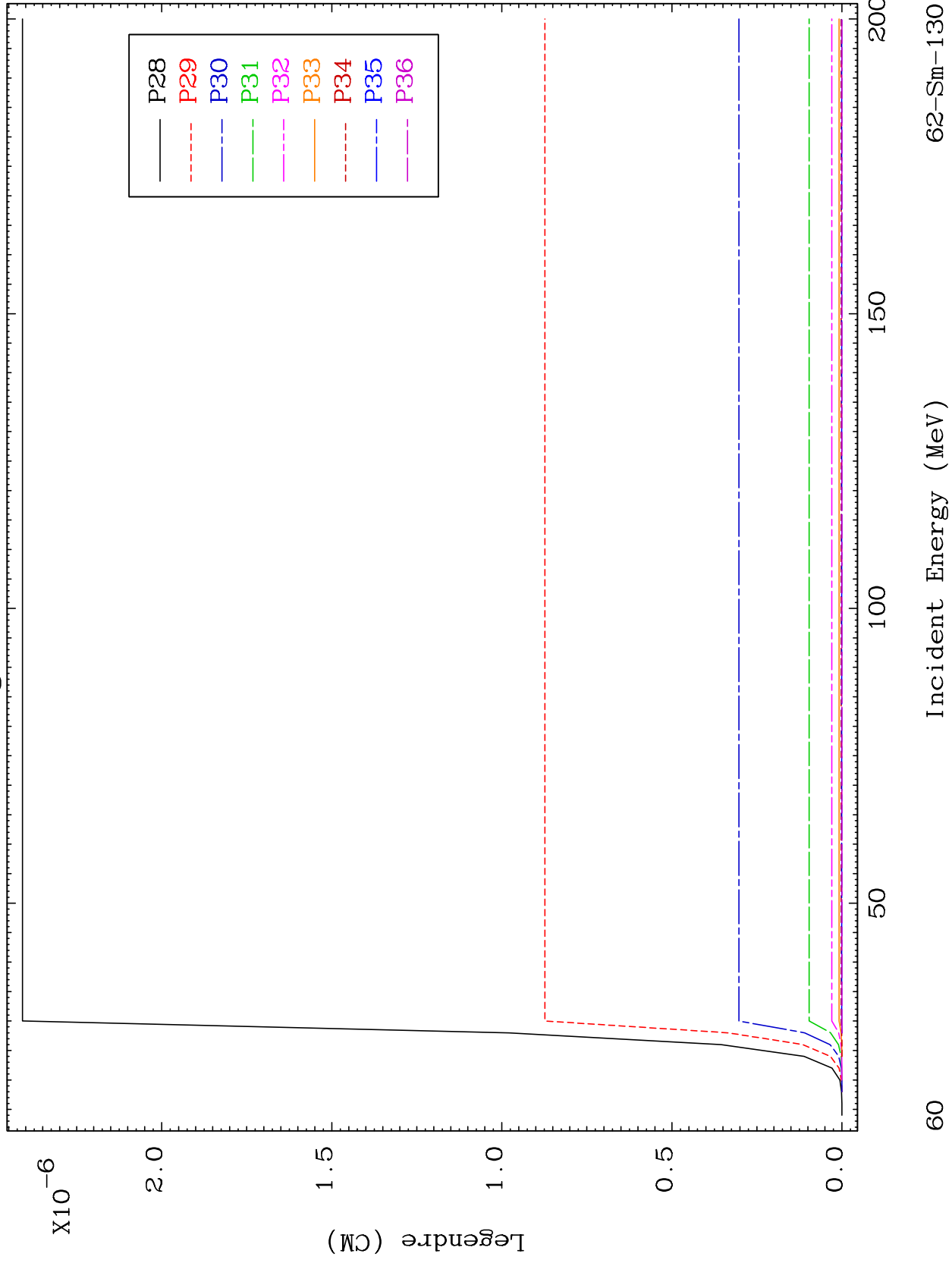
59

62-Sm-130

MAT 6183

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

62-Sm-130



62-Sm-130

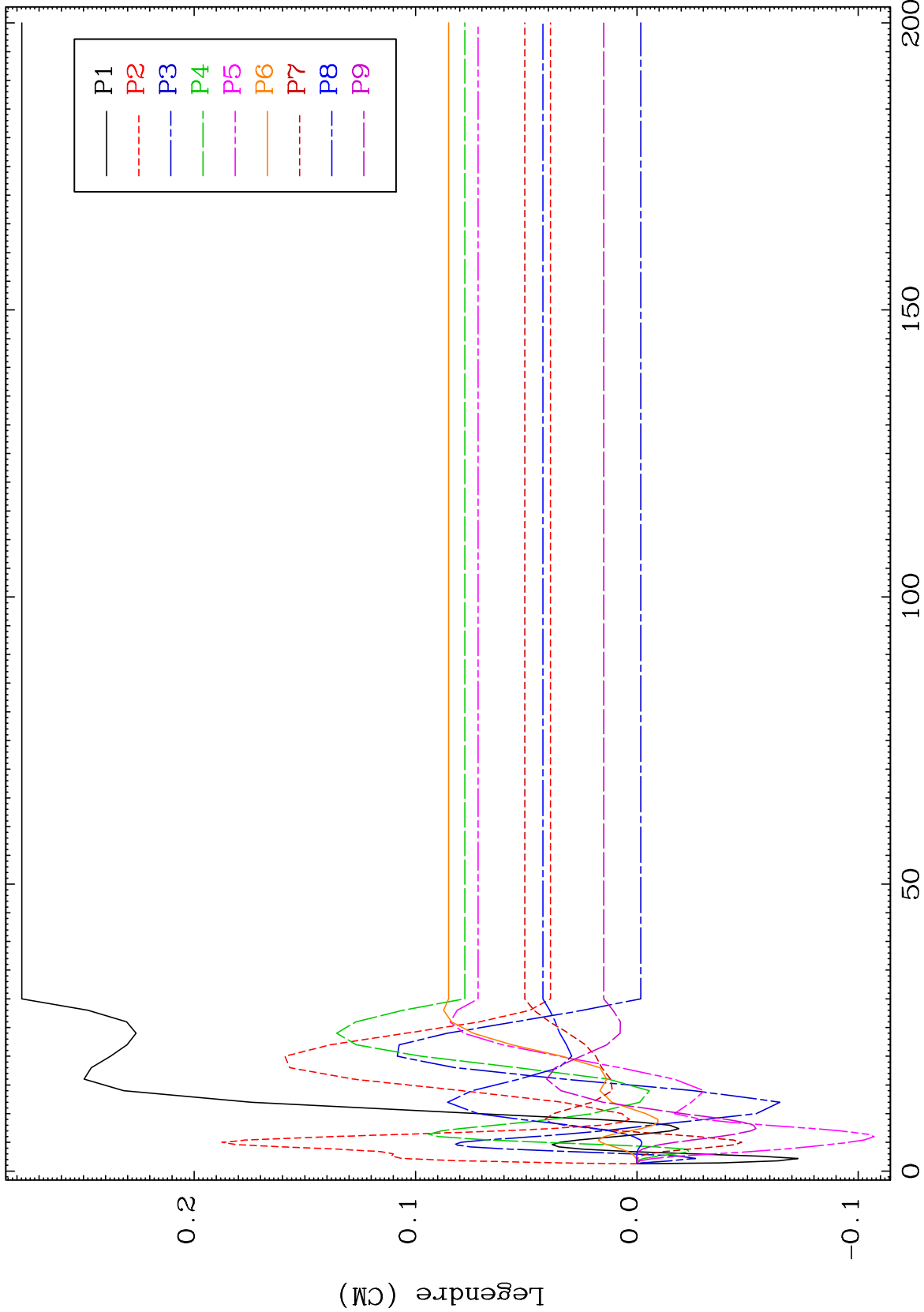
Incident Energy (MeV)

60

MAT 6183

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

62-Sm-130



61

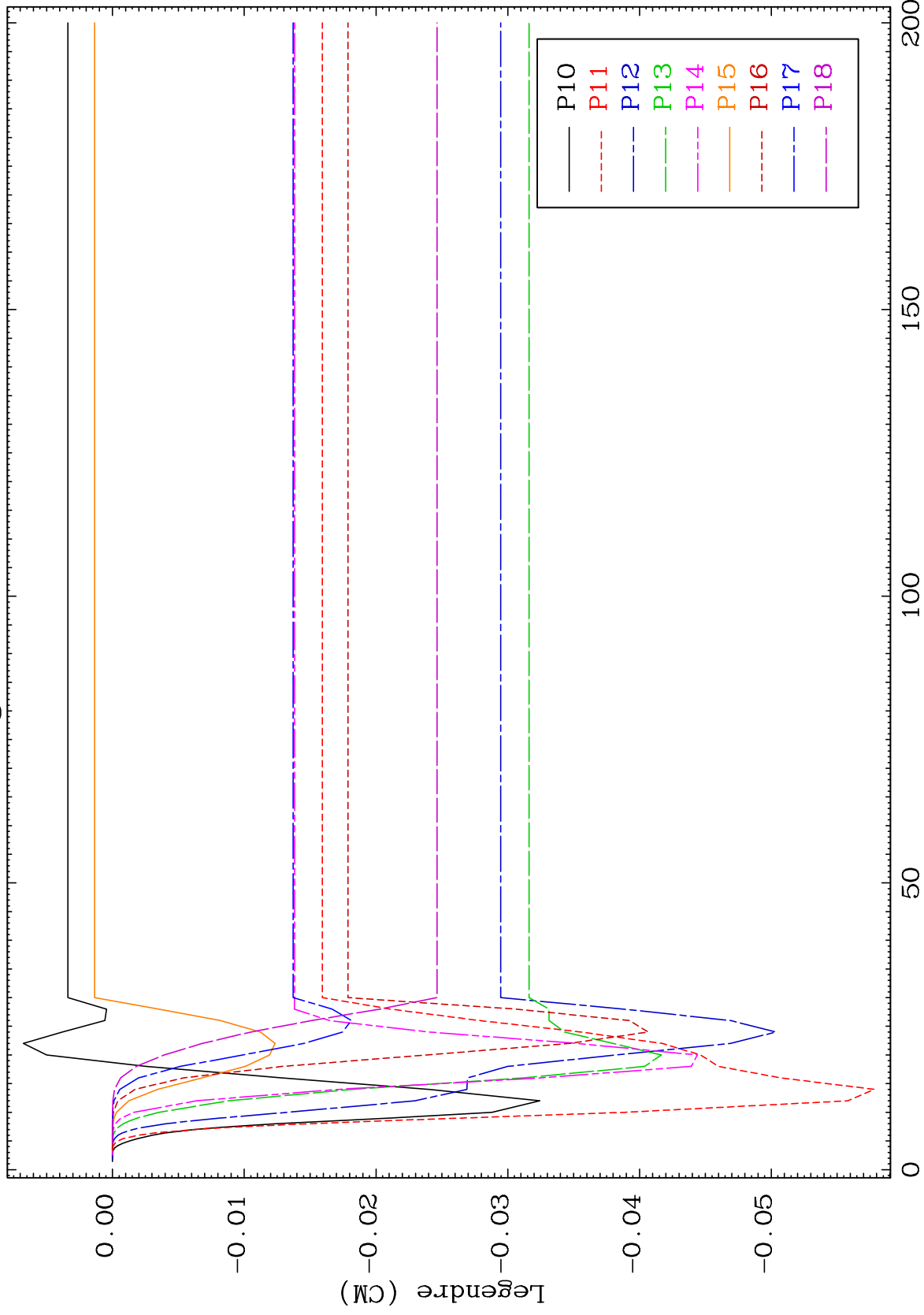
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

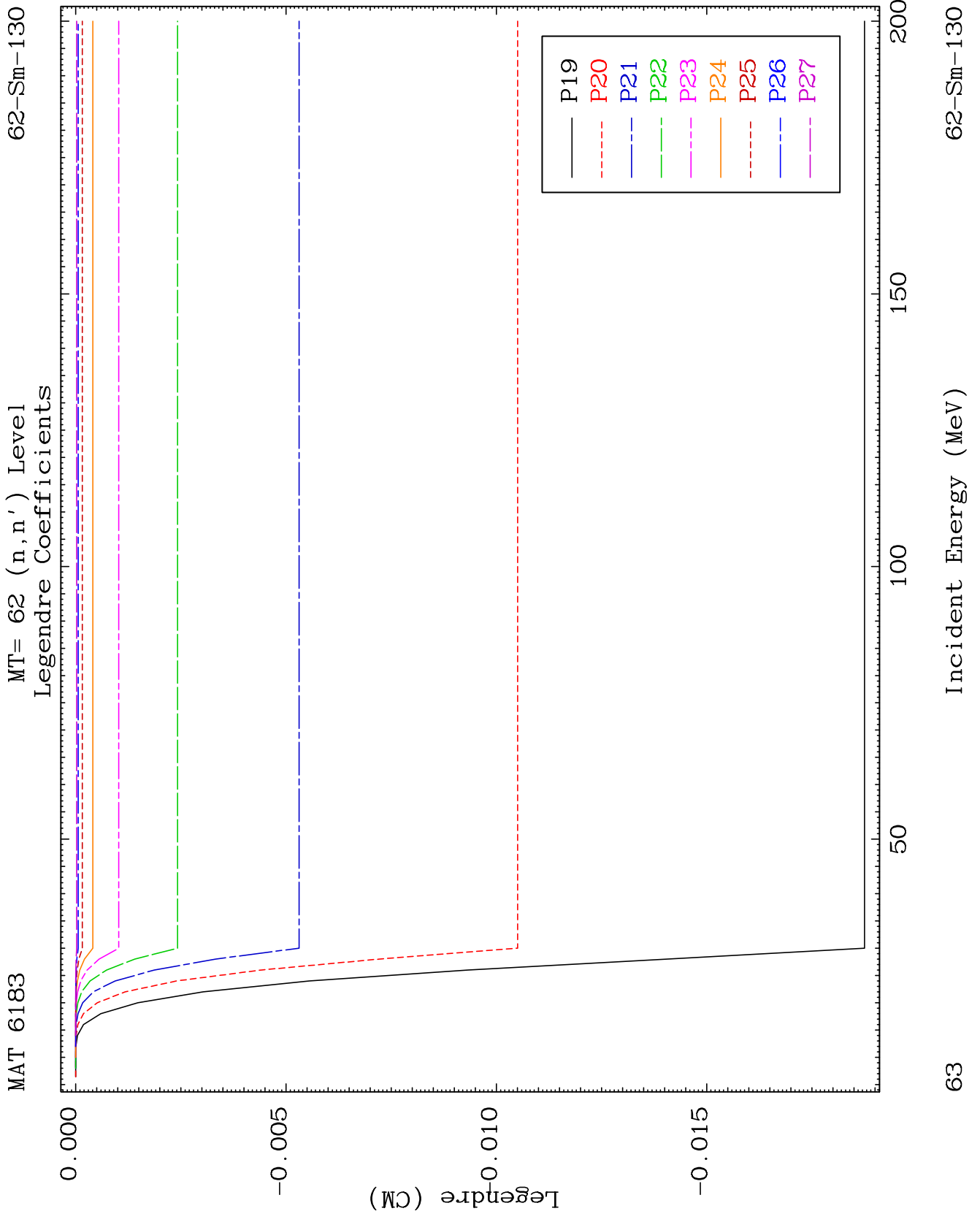
62-Sm-130

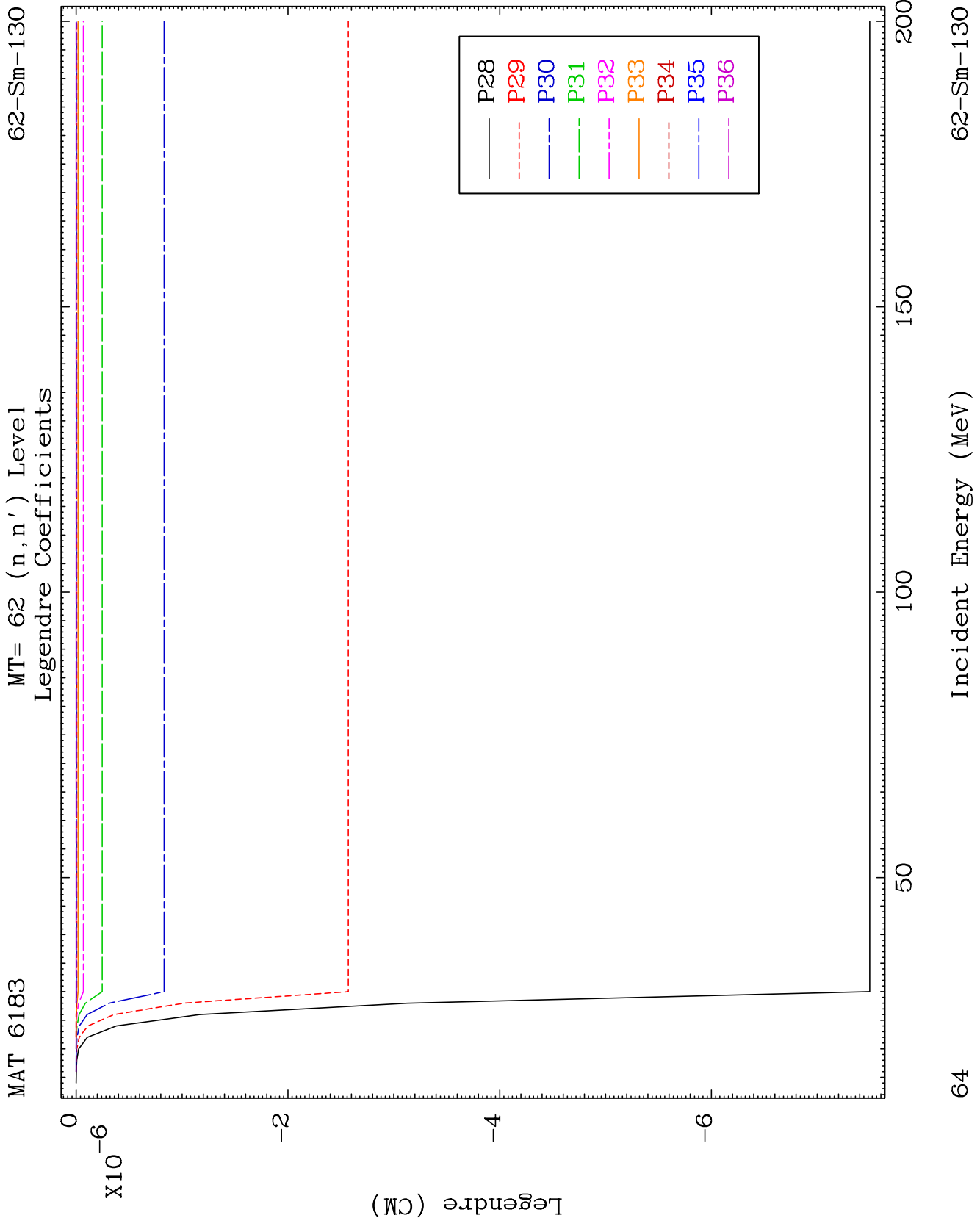


62

Incident Energy (MeV)

62-Sm-130

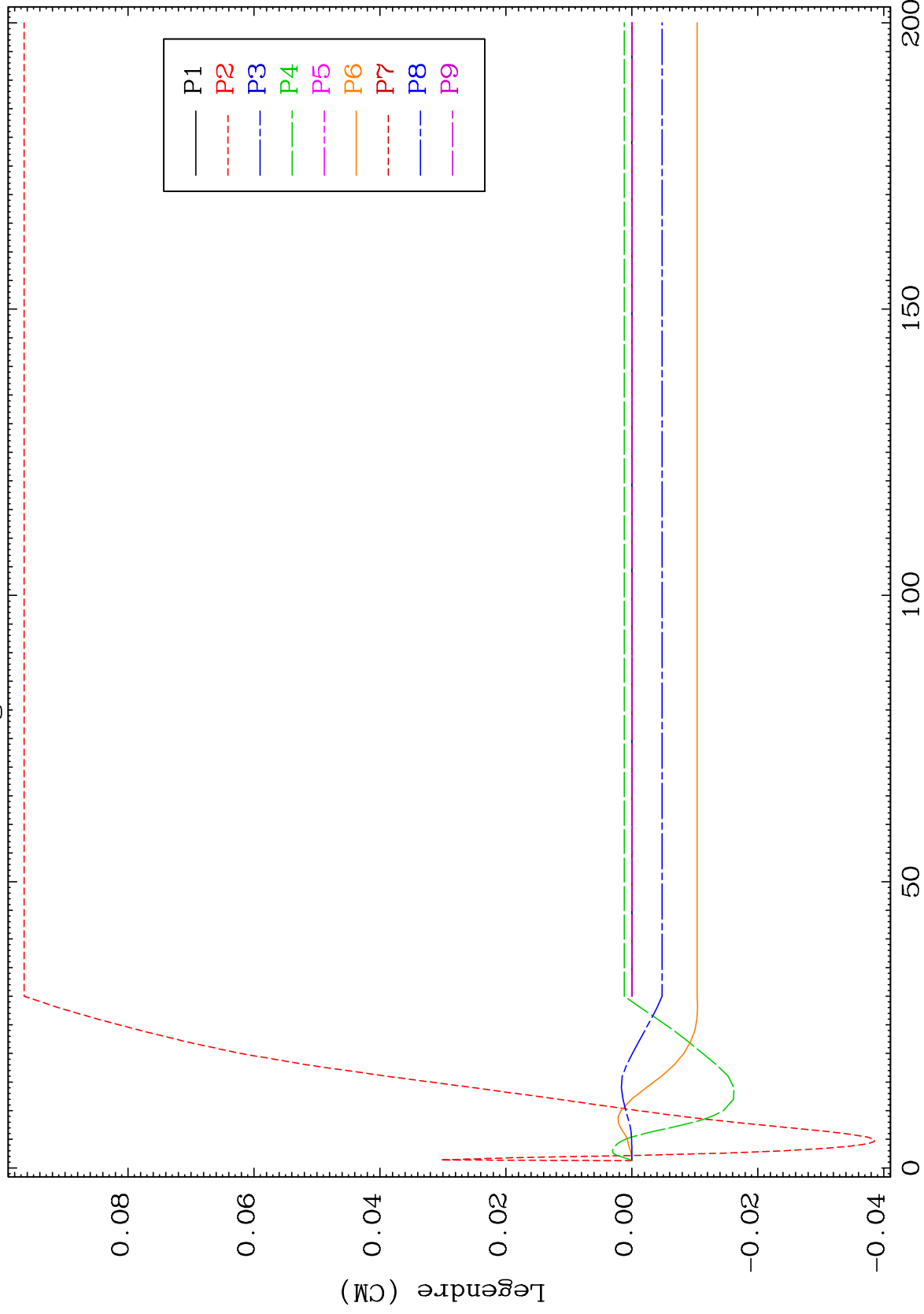




MAT 6183

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

62-Sm-130



65

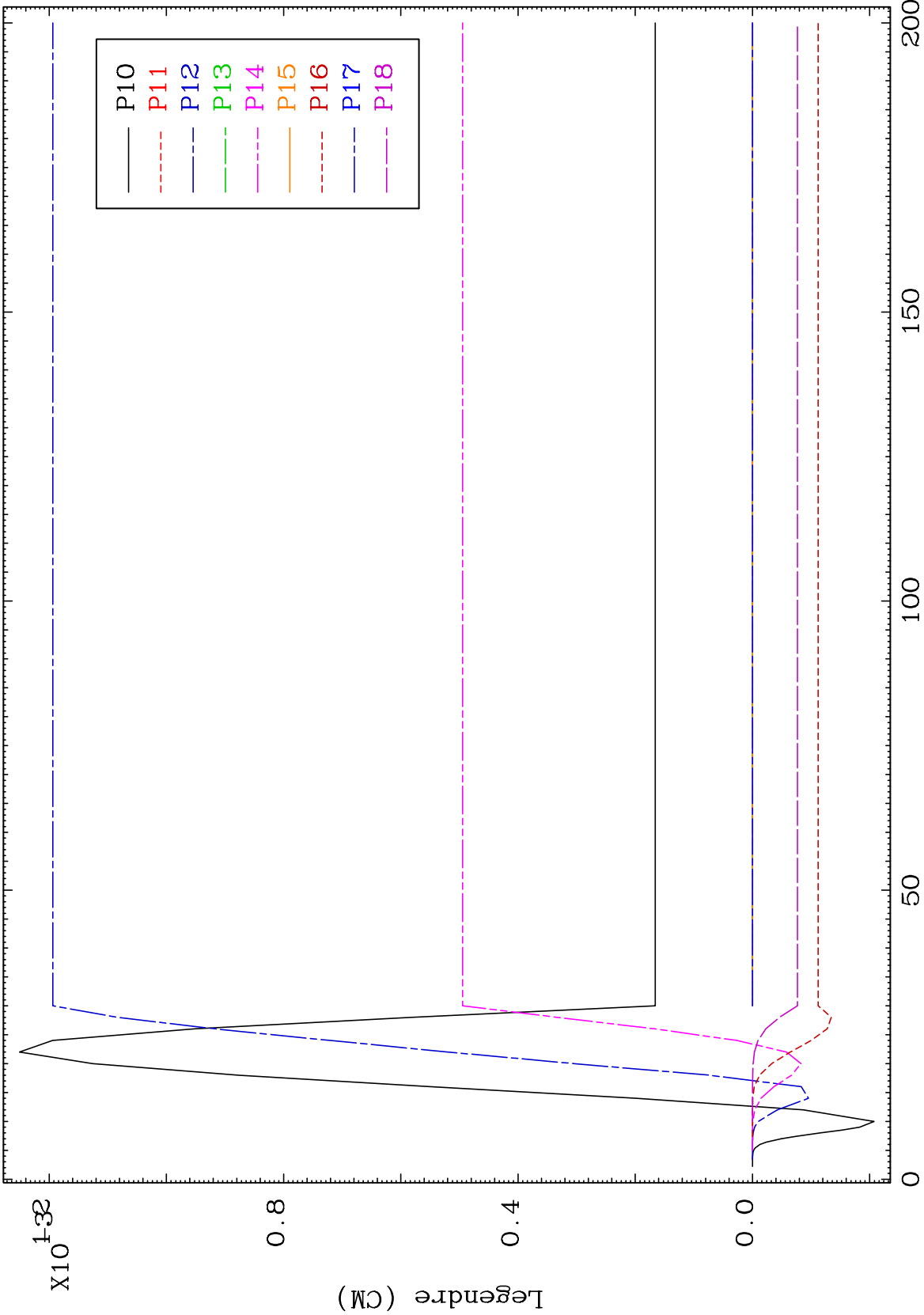
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

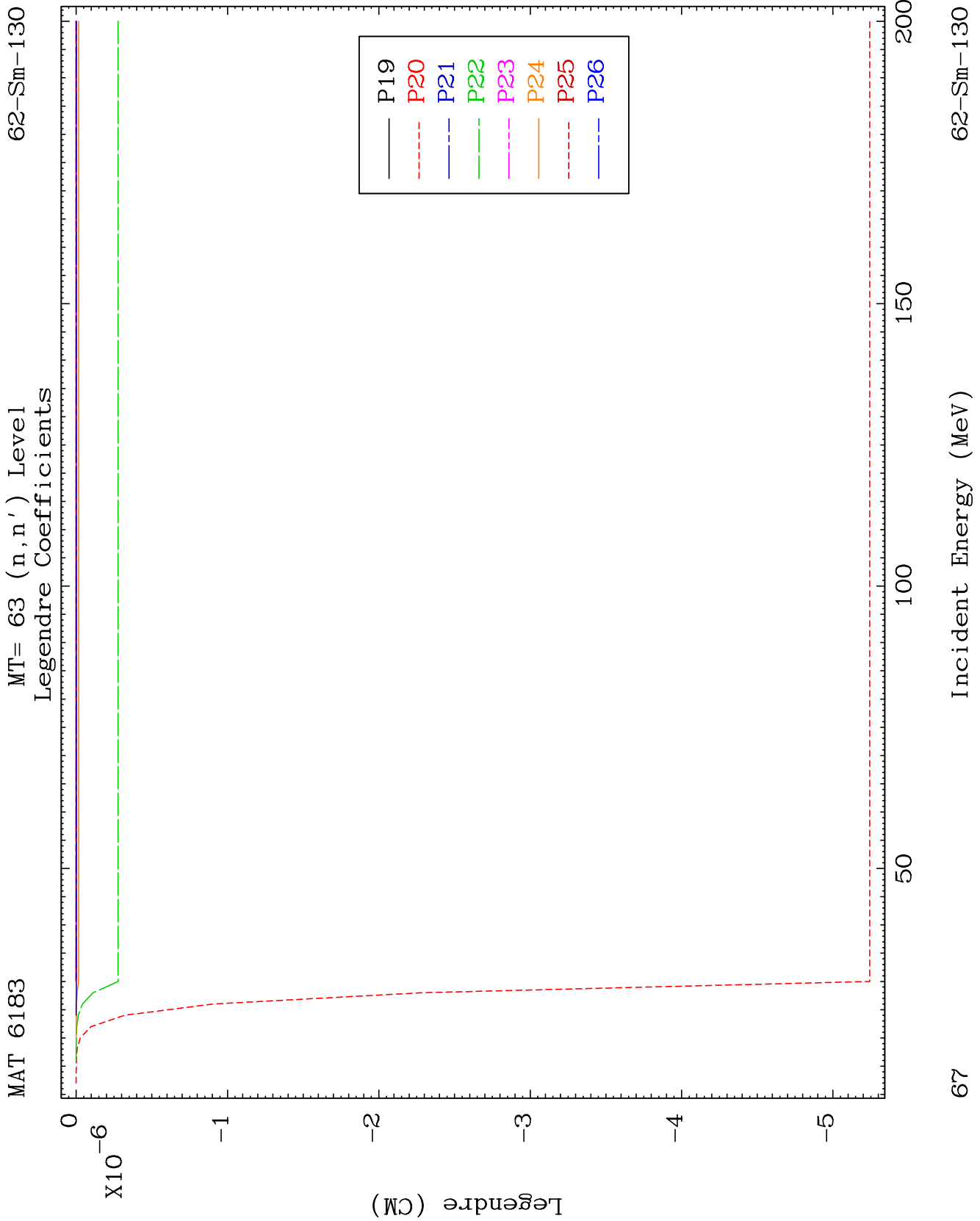
62-Sm-130



66

Incident Energy (MeV)

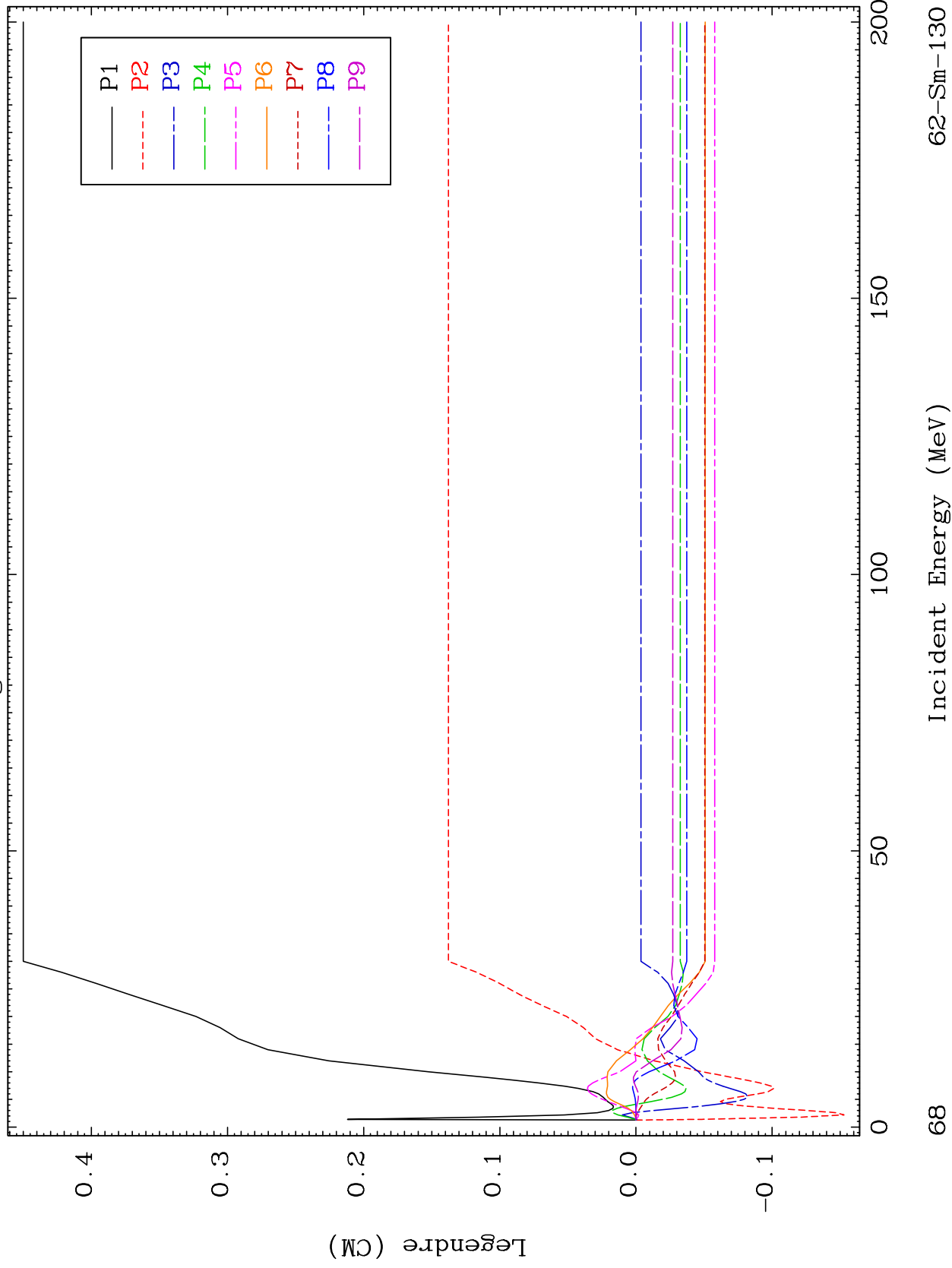
62-Sm-130



MAT 6183

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

62-Sm-130



62-Sm-130

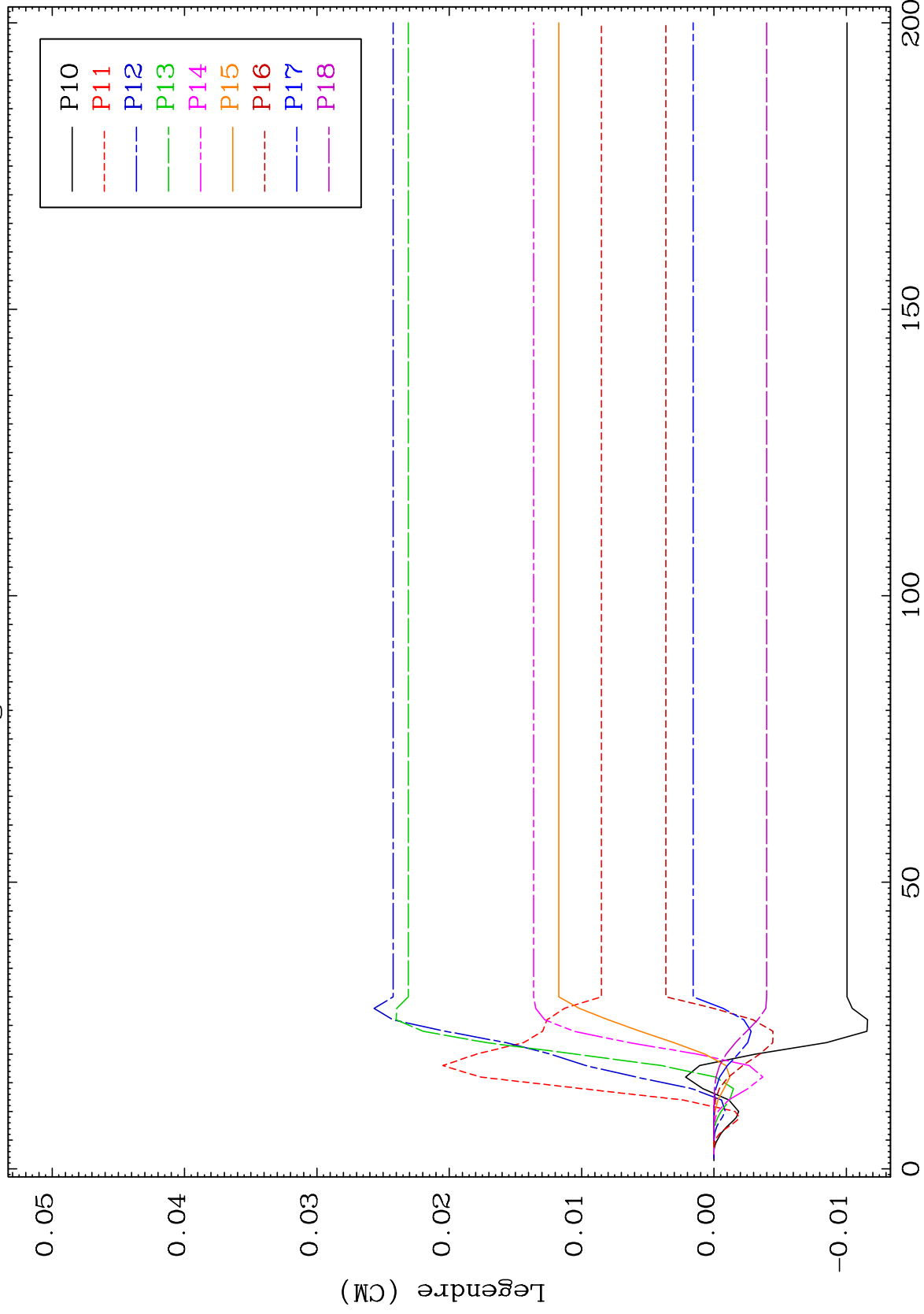
Incident Energy (MeV)

68

MAT 6183

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

62-Sm-130



69

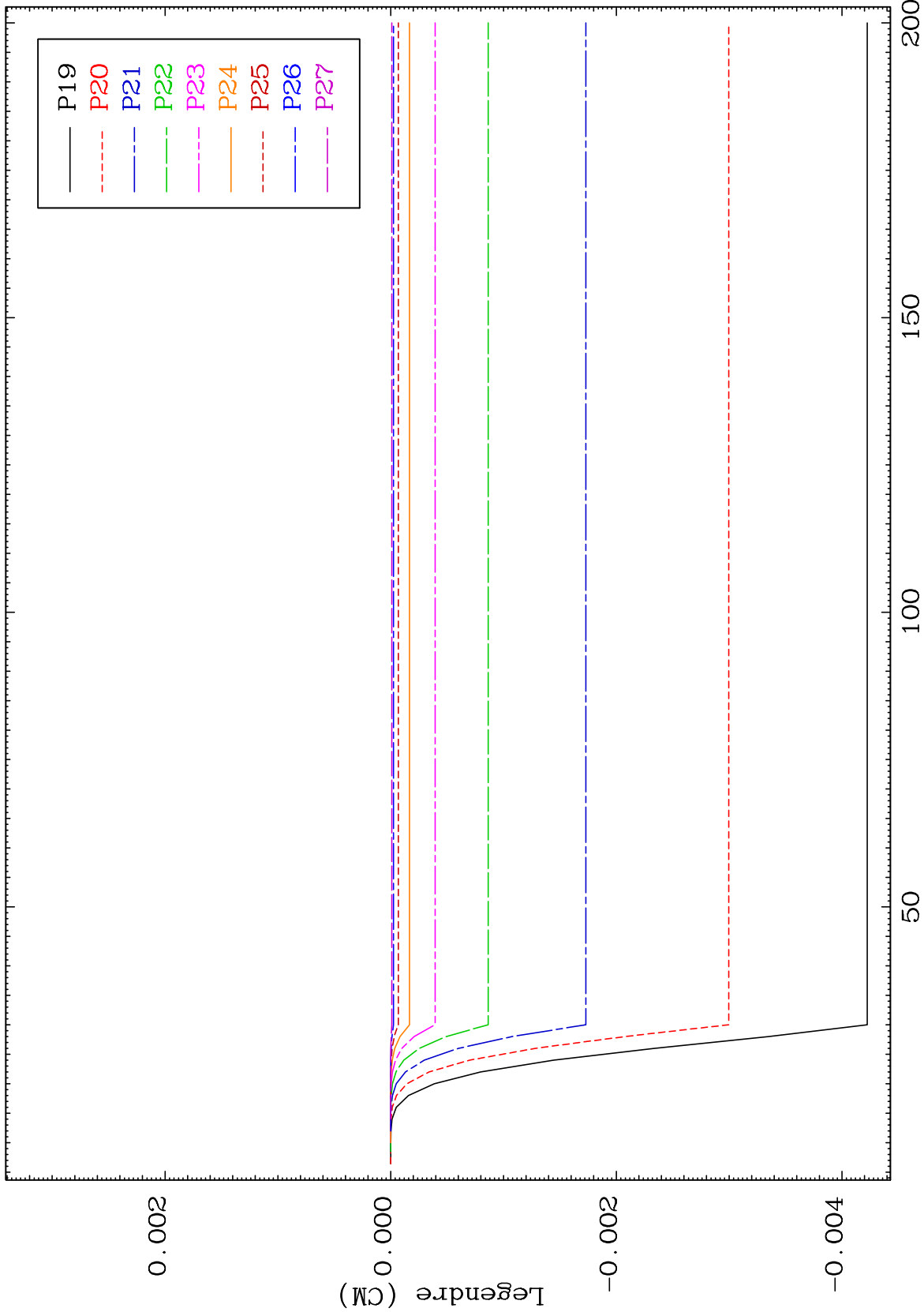
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



70

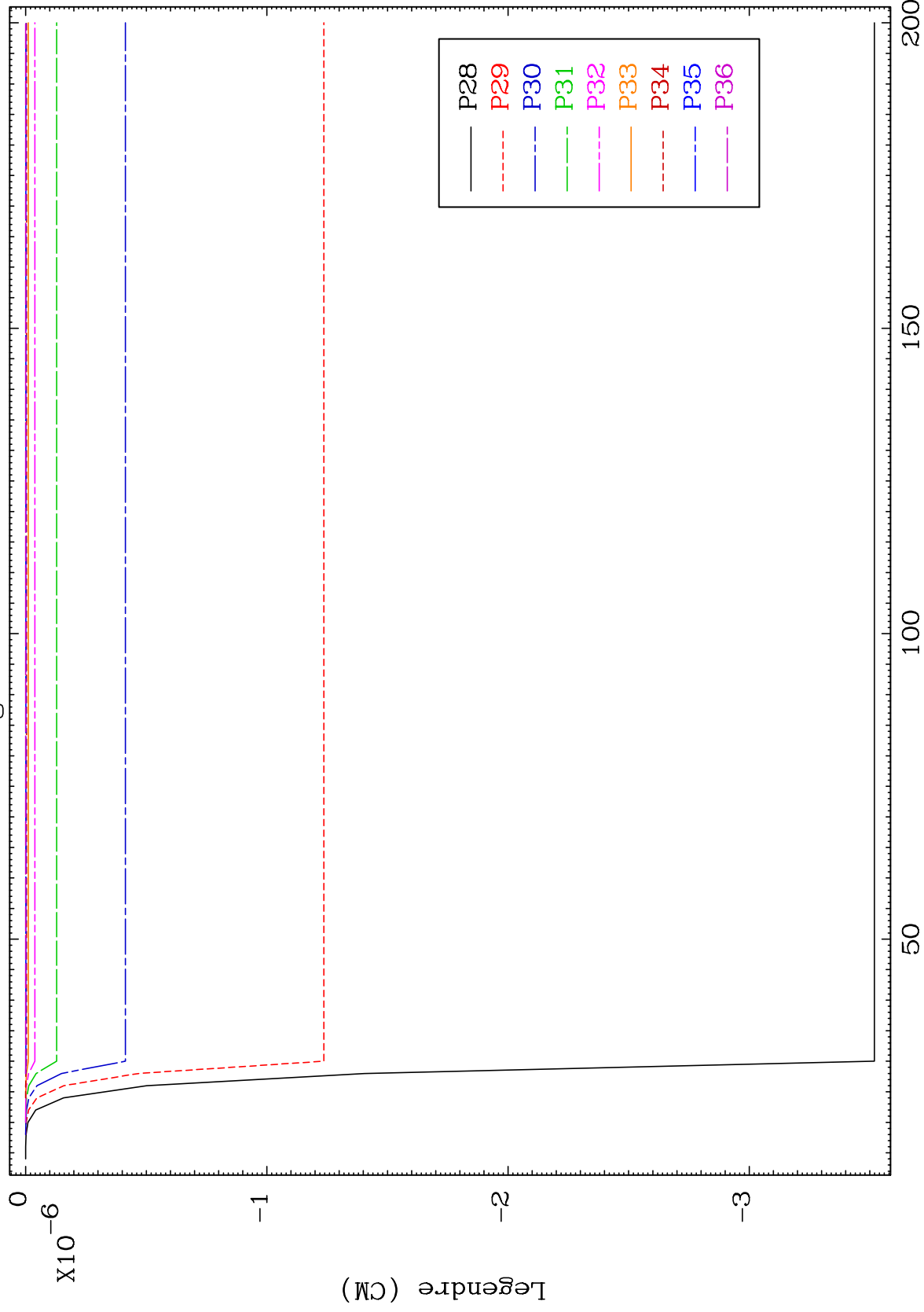
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



71

Incident Energy (MeV)

62-Sm-130

MAT 6183

62-Sm-130

(n,2p)
Radionuclide Production Cross Section

