

Program EVALPLOT
(Version 2021-1)

by

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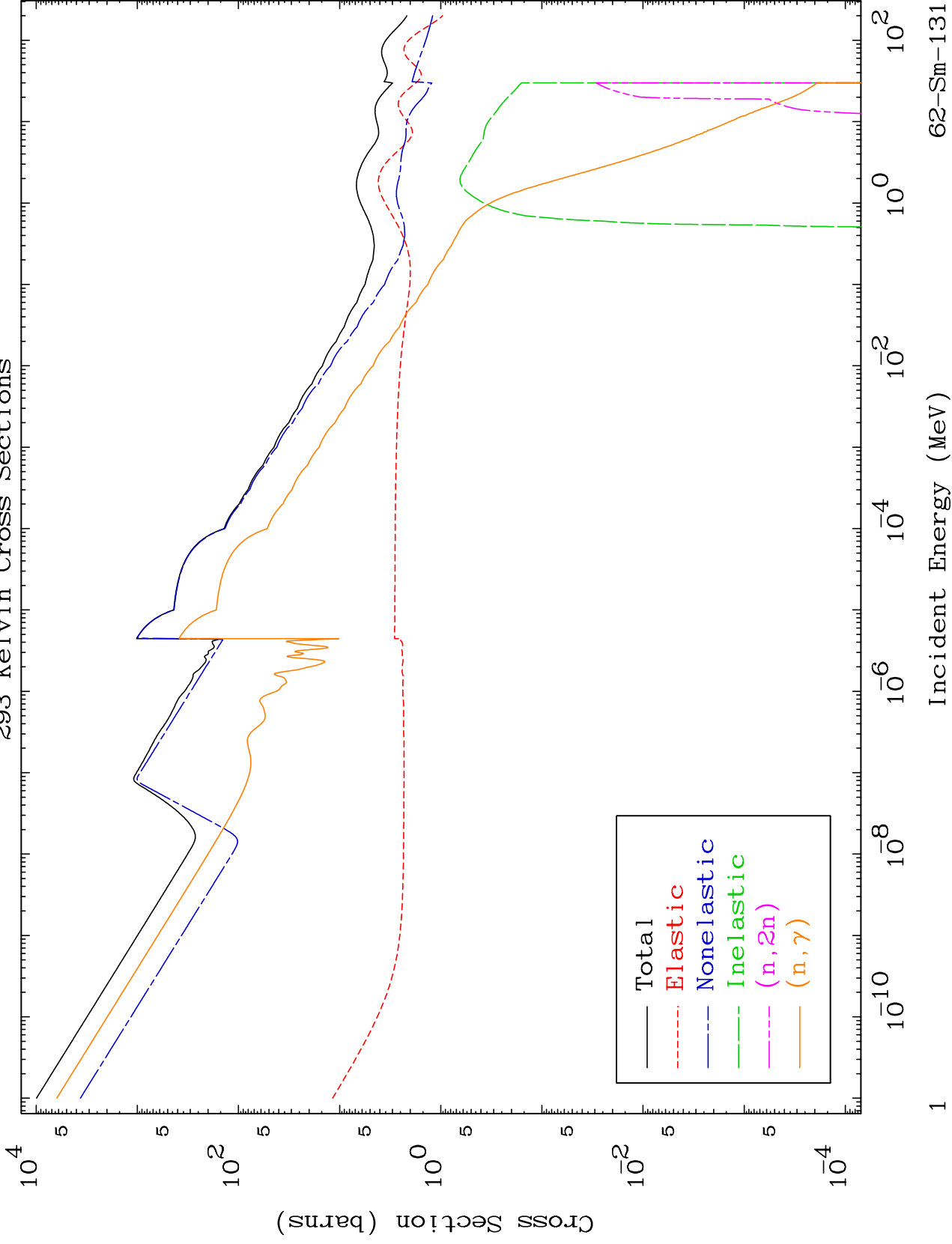
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Press Mouse Button to Start

MAT 6186

Neutron Major
293 Kelvin Cross Sections

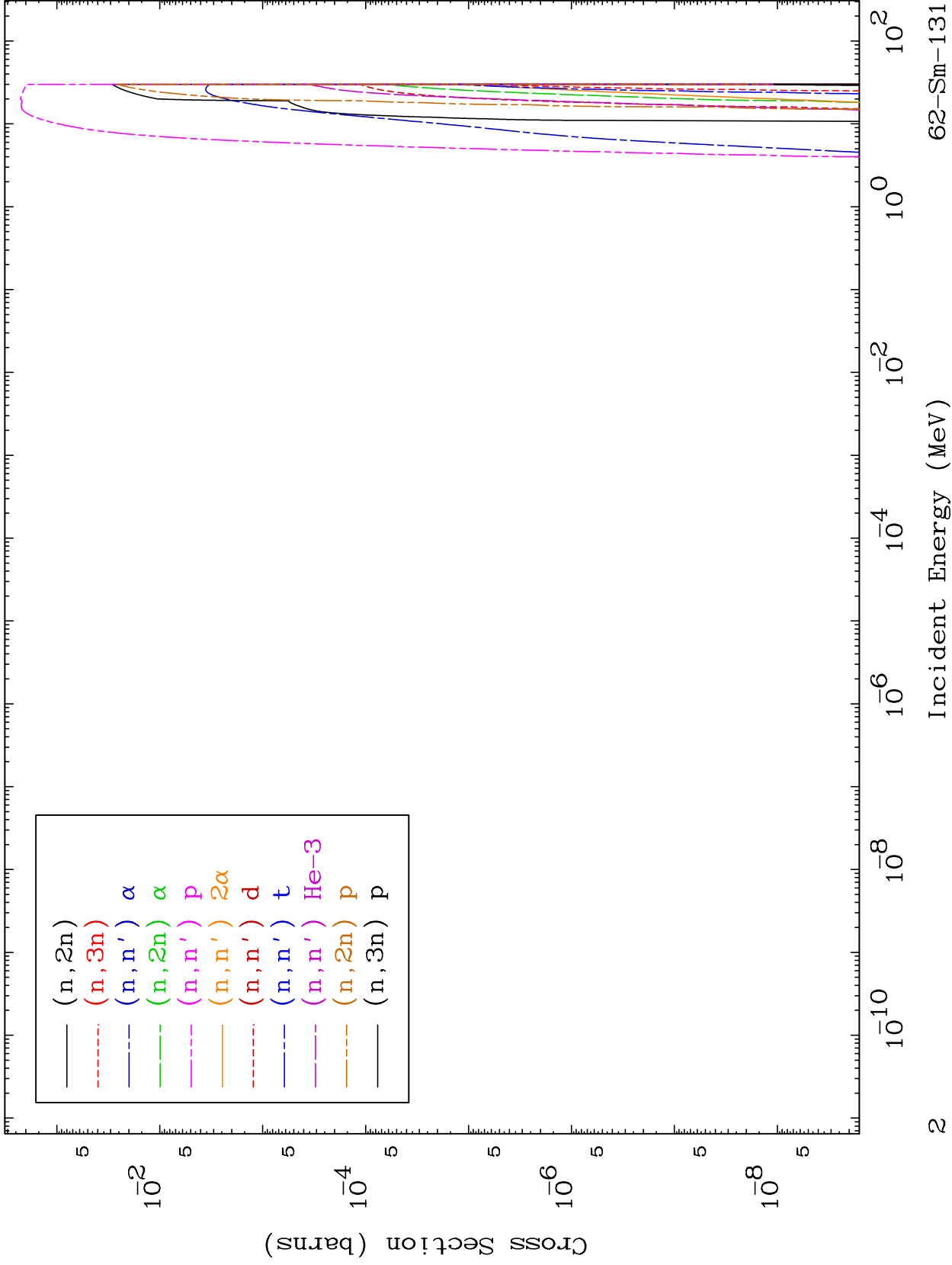
62-Sm-131



MAT 6186

Neutron Absorption
293 Kelvin Cross Sections

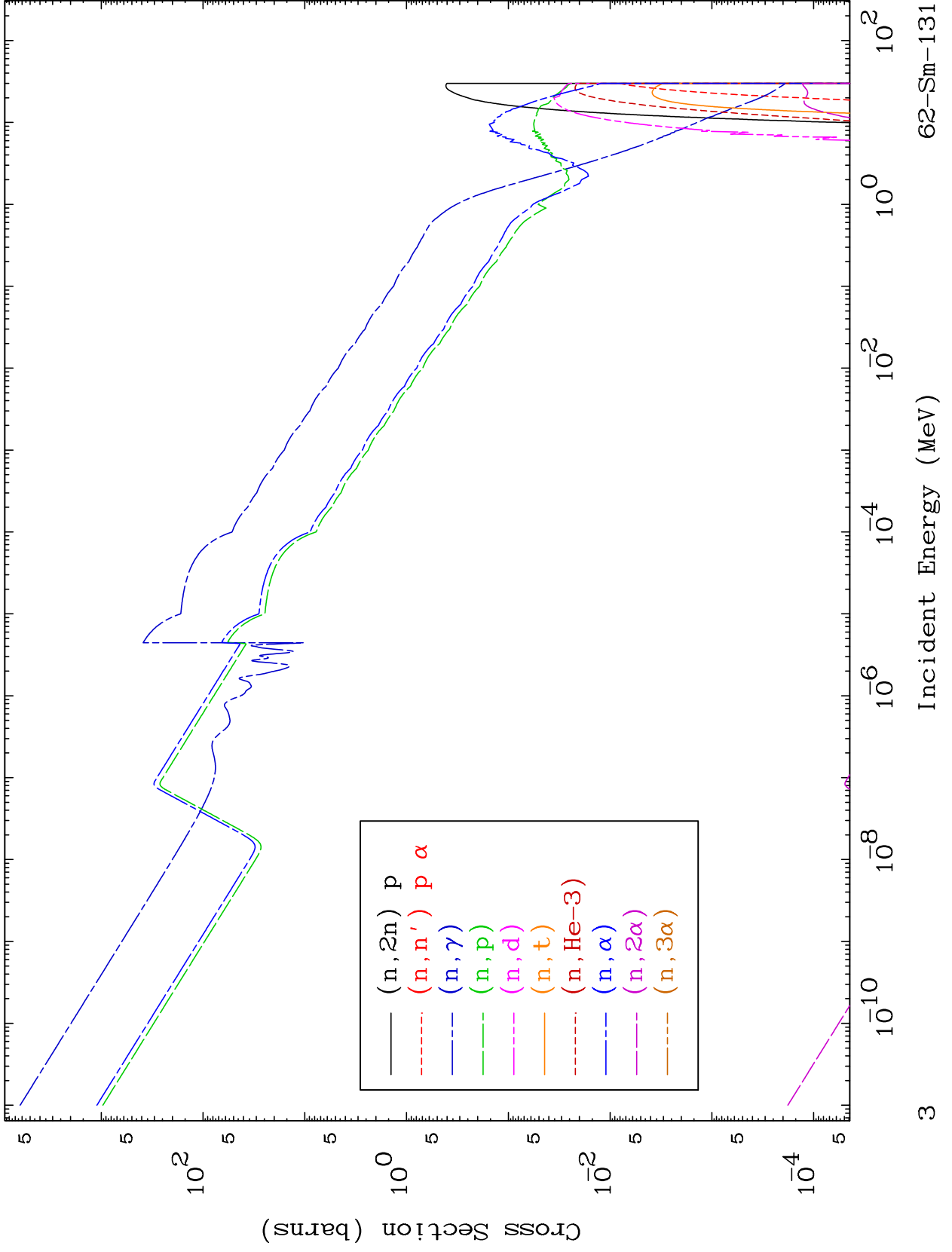
62-Sm-131



MAT 6186

Neutron Absorption
293 Kelvin Cross Sections

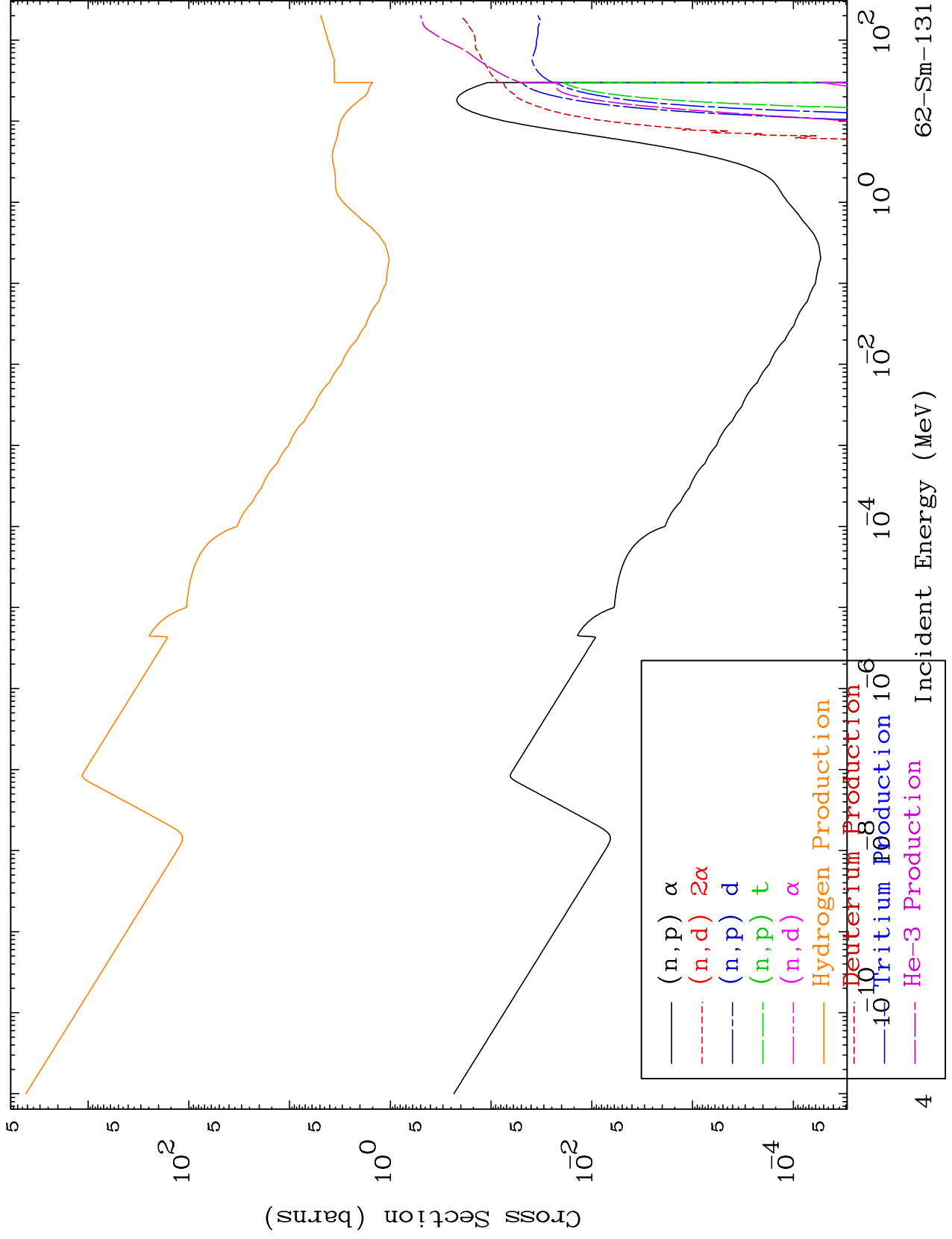
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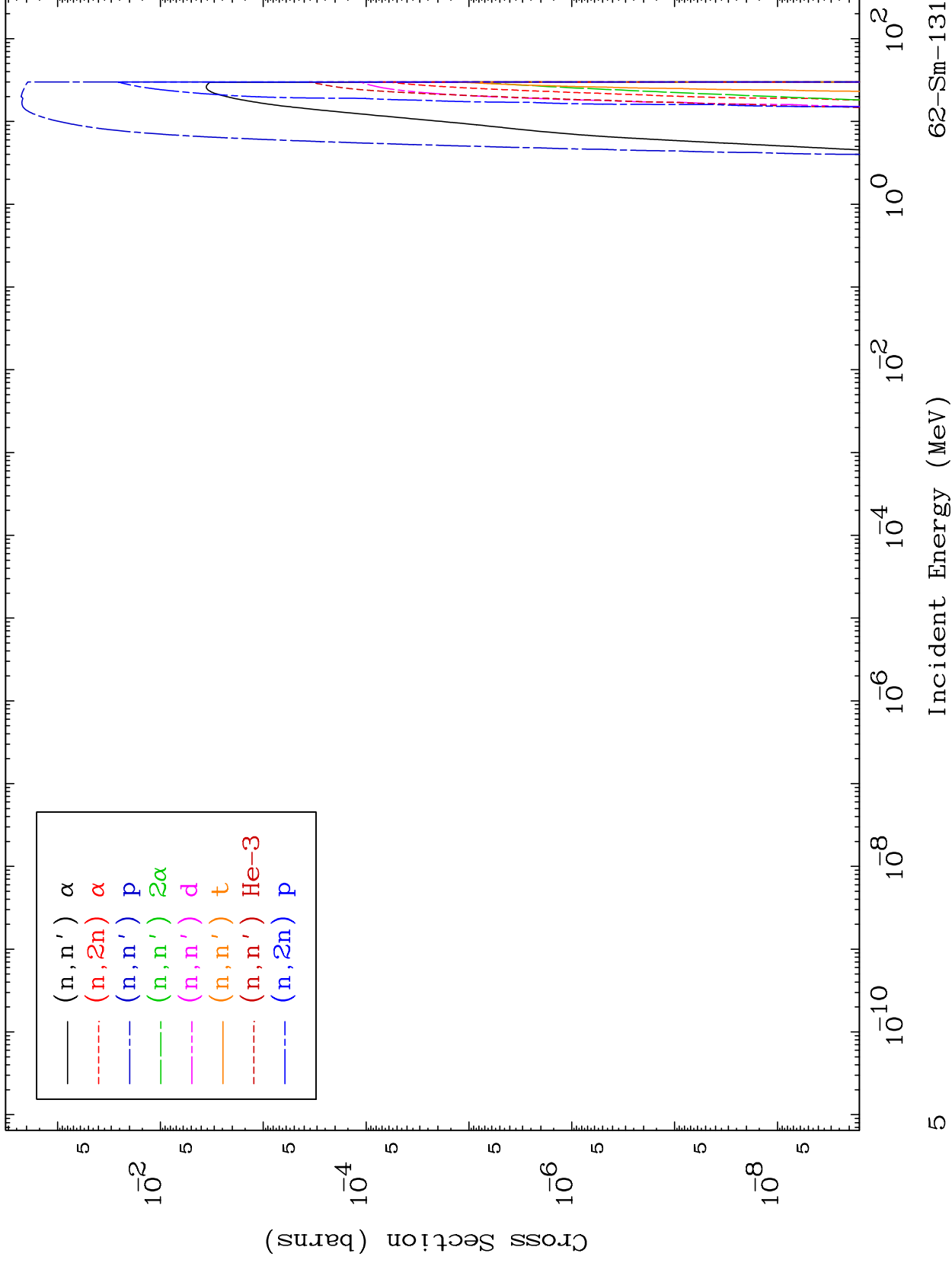


MAT 6186

Neutron Absorption
293 Kelvin Cross Sections

62-Sm-131

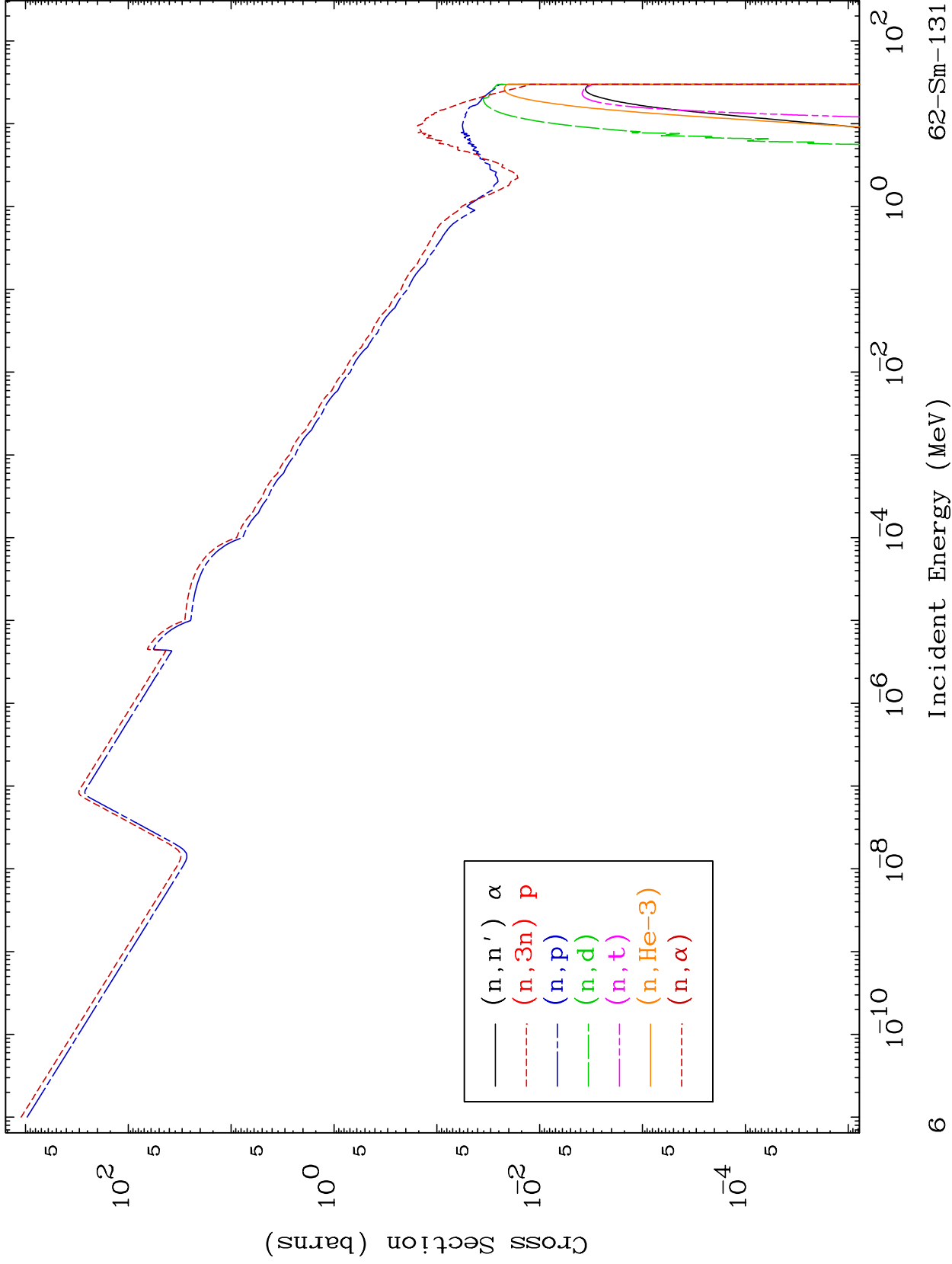




MAT 6186

Charged Particle
293 Kelvin Cross Sections

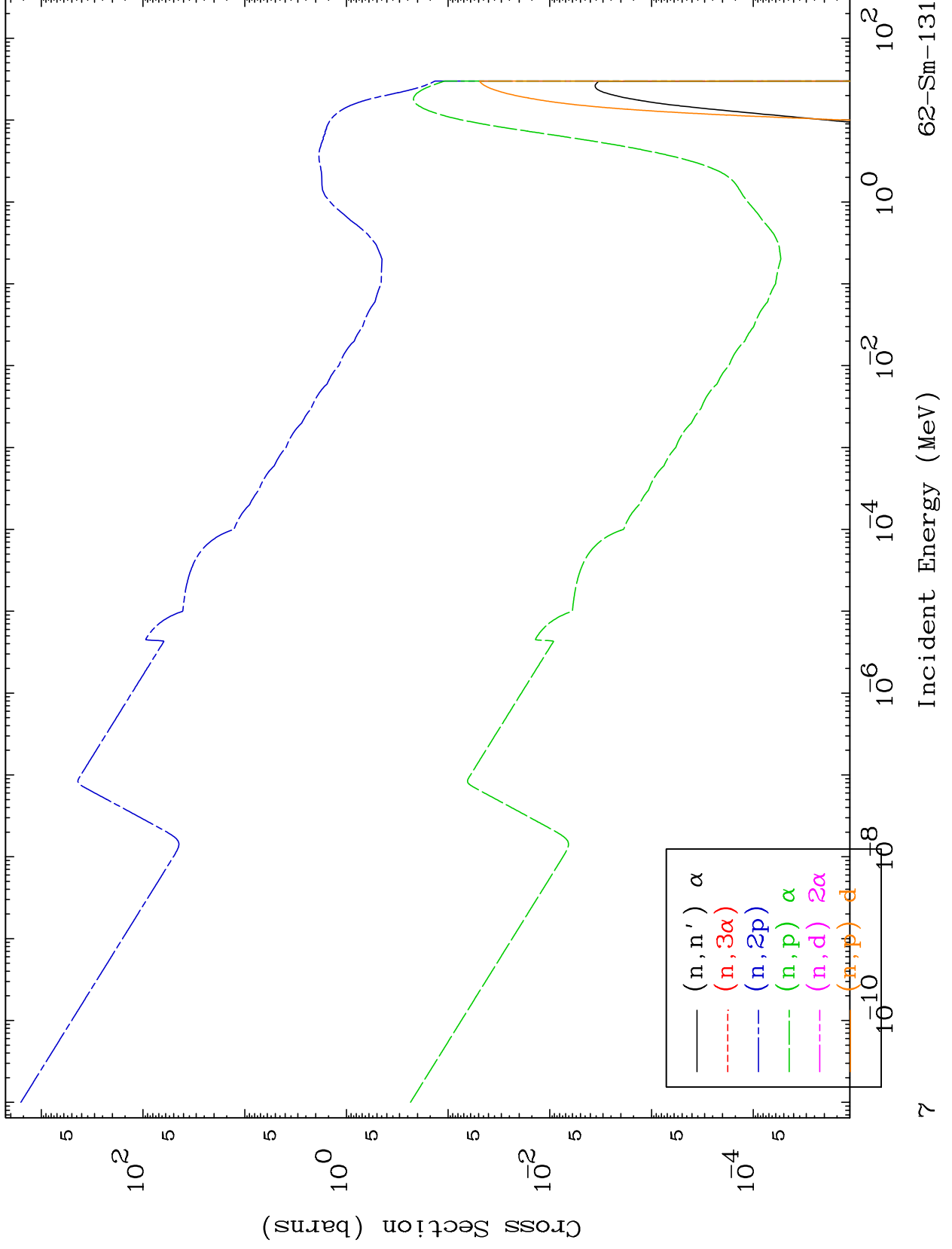
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MAT 6186

Charged Particle
293 Kelvin Cross Sections

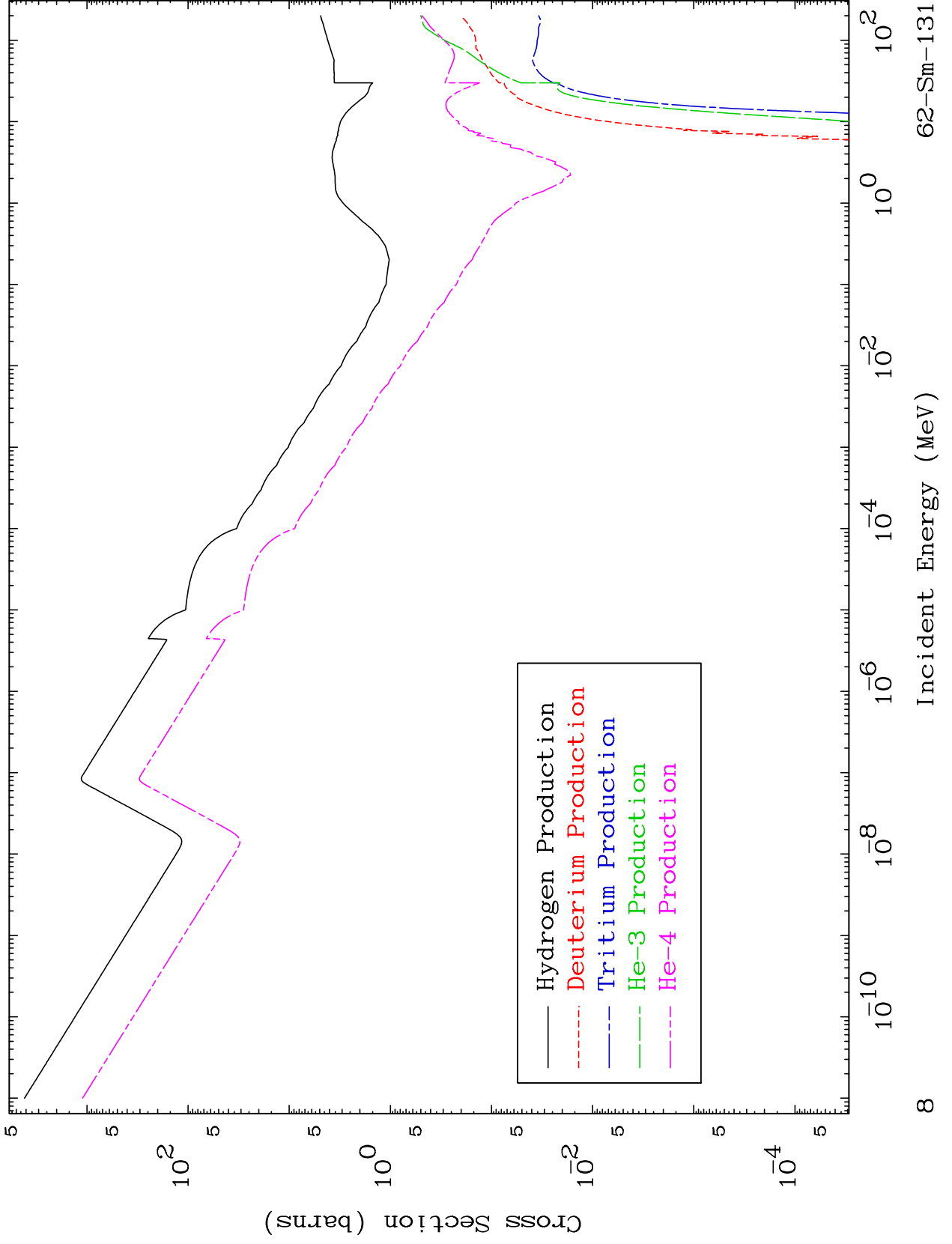
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MAT 6186

Particle Production
293 Kelvin Cross Sections

62-Sm-131

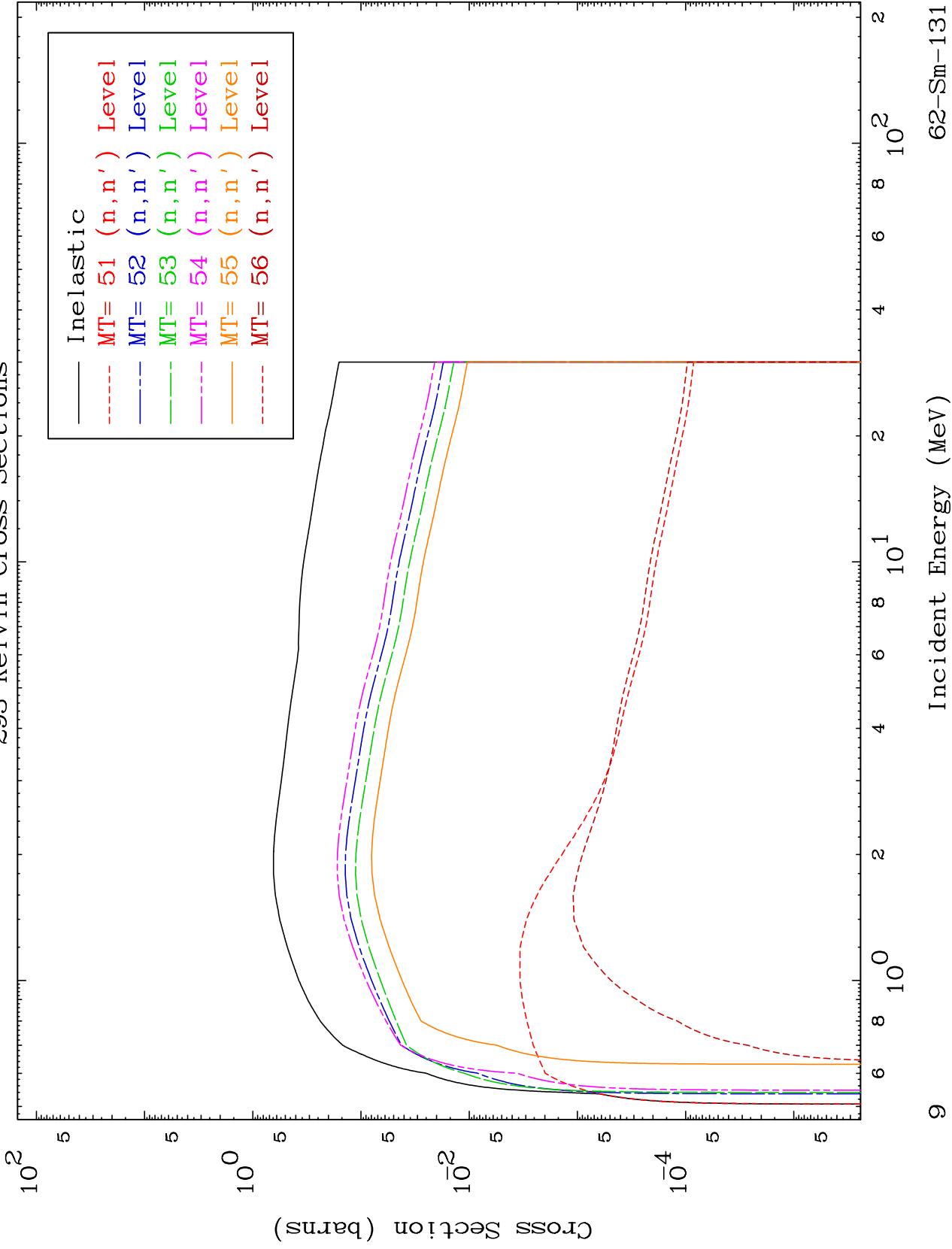


MAT 6186

(n,n') Levels

62-Sm-131

293 Kelvin Cross Sections



9

Incident Energy (MeV)

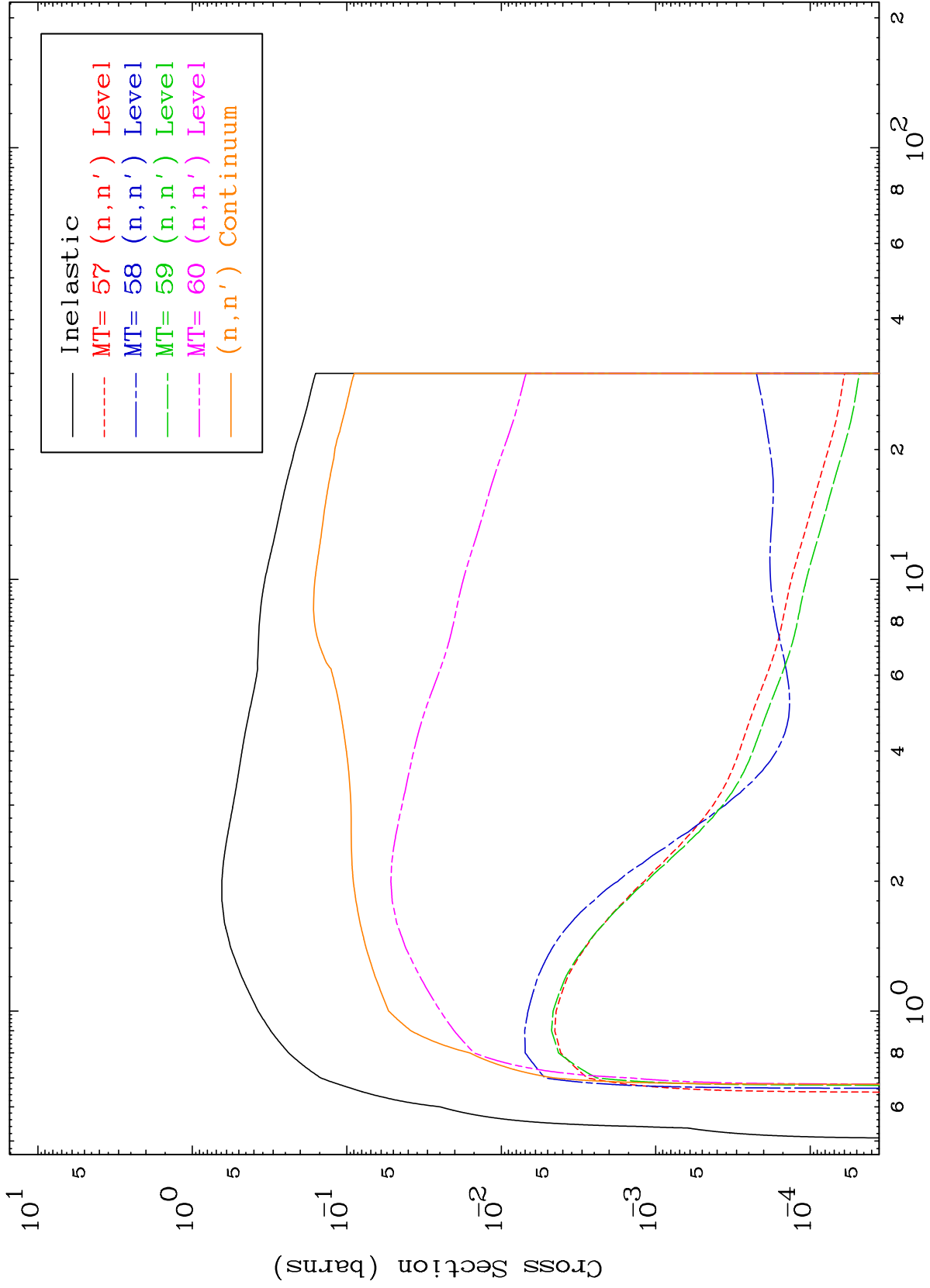
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MAT 6186

(n,n') Levels

62-Sm-131

293 Kelvin Cross Sections



10

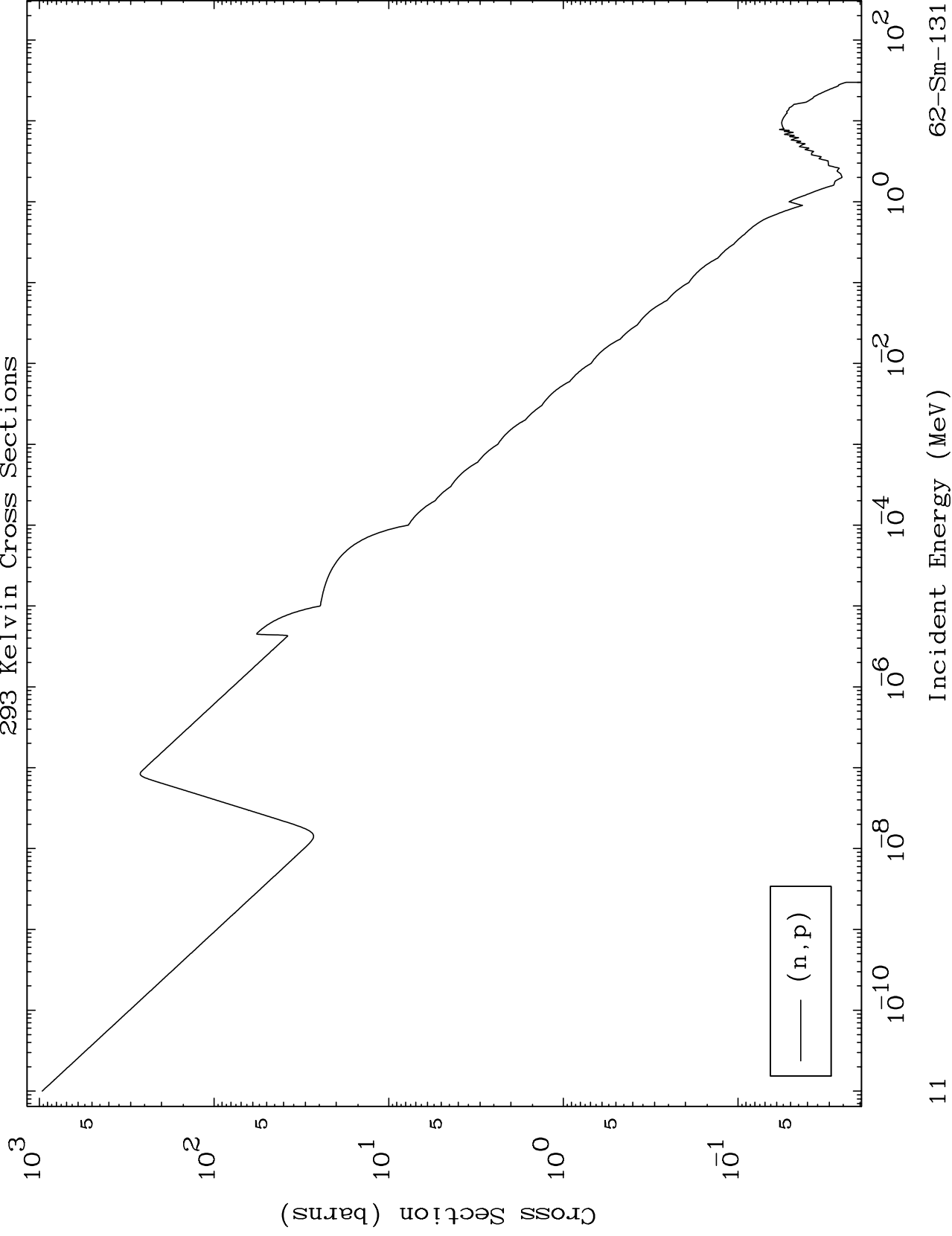
Incident Energy (MeV)

62-Sm-131

MAT 6186

(n,p) Levels
293 Kelvin Cross Sections

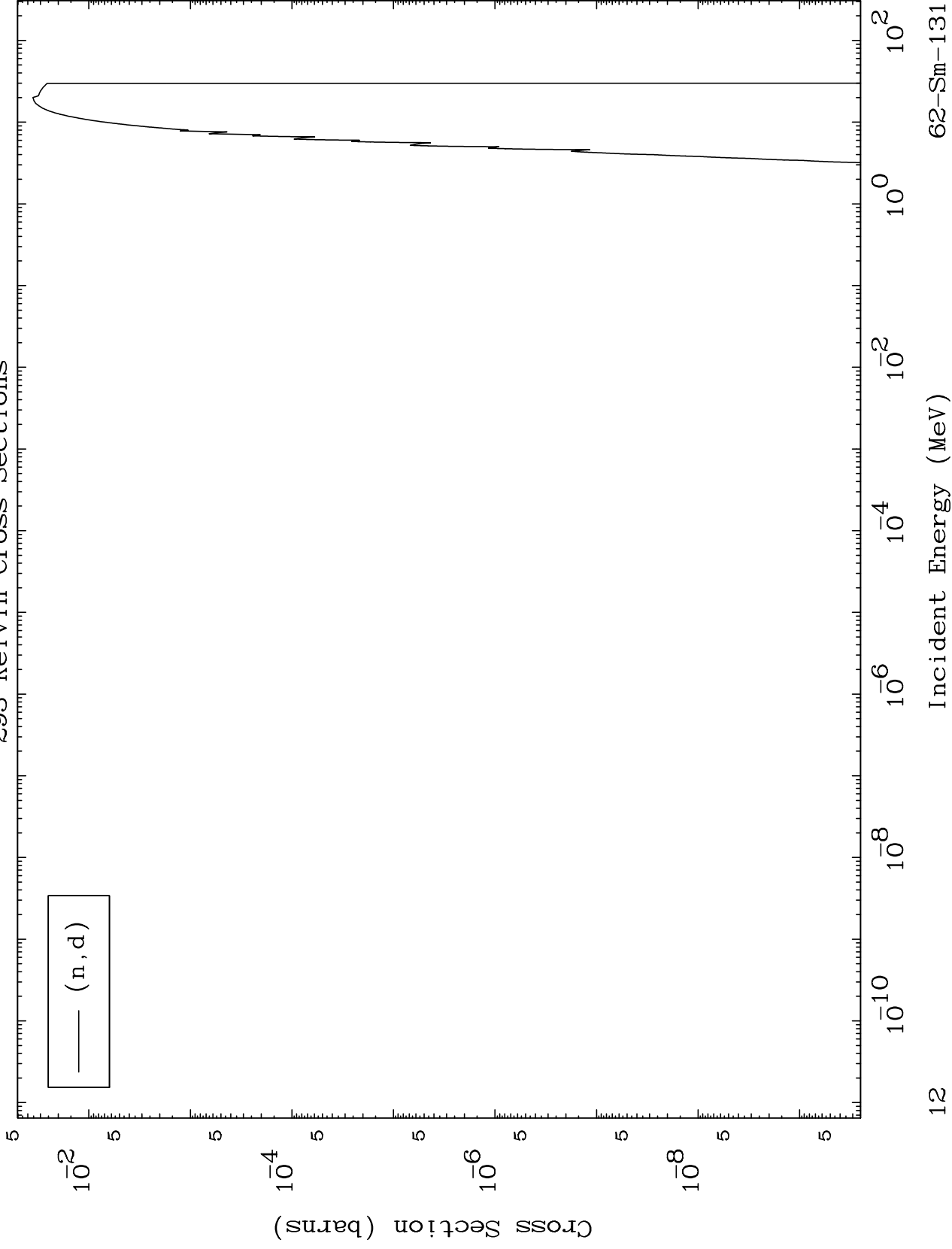
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MAT 6186

(n,d) Levels
293 Kelvin Cross Sections

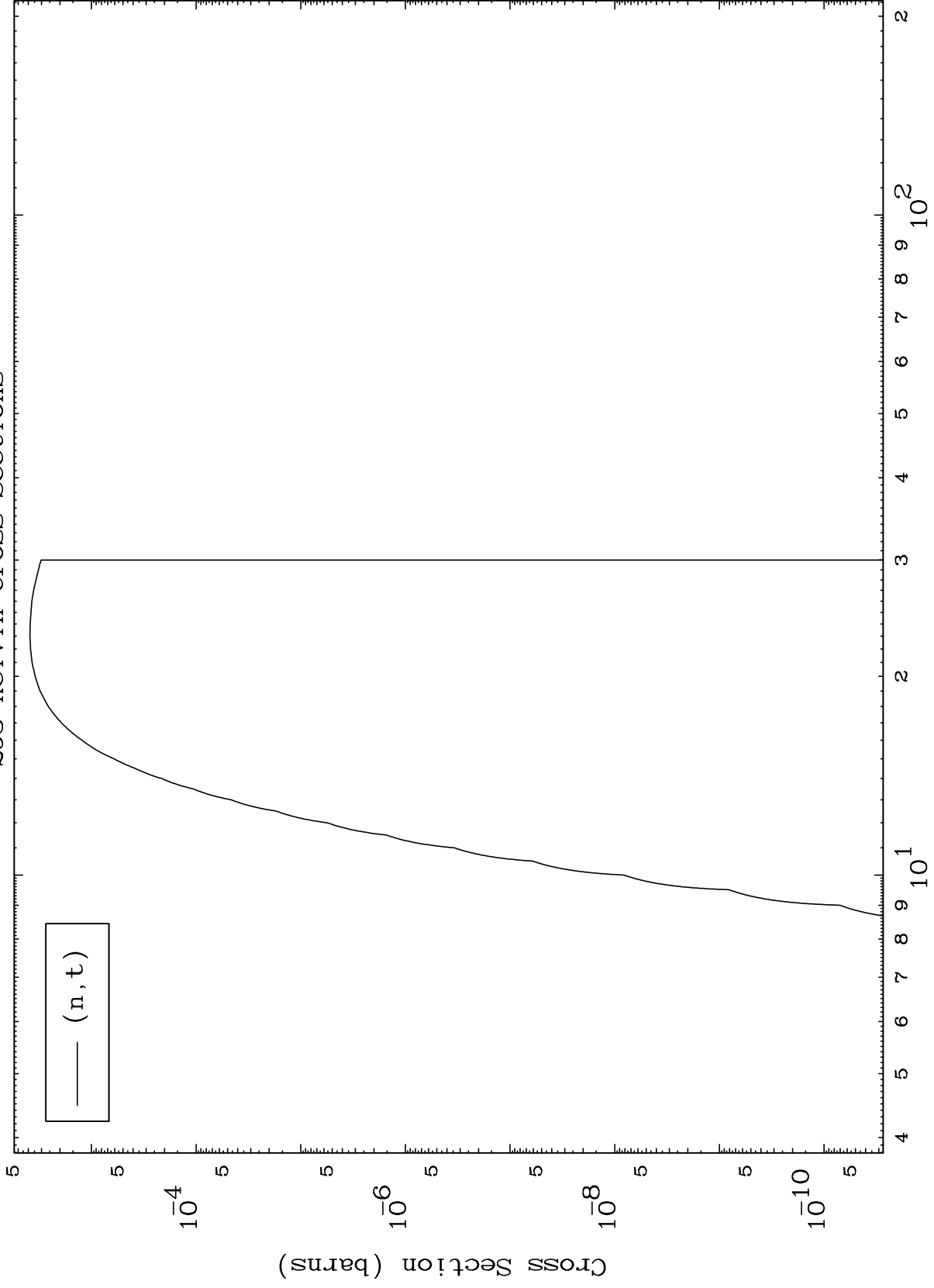
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MAT 6186

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-131



13

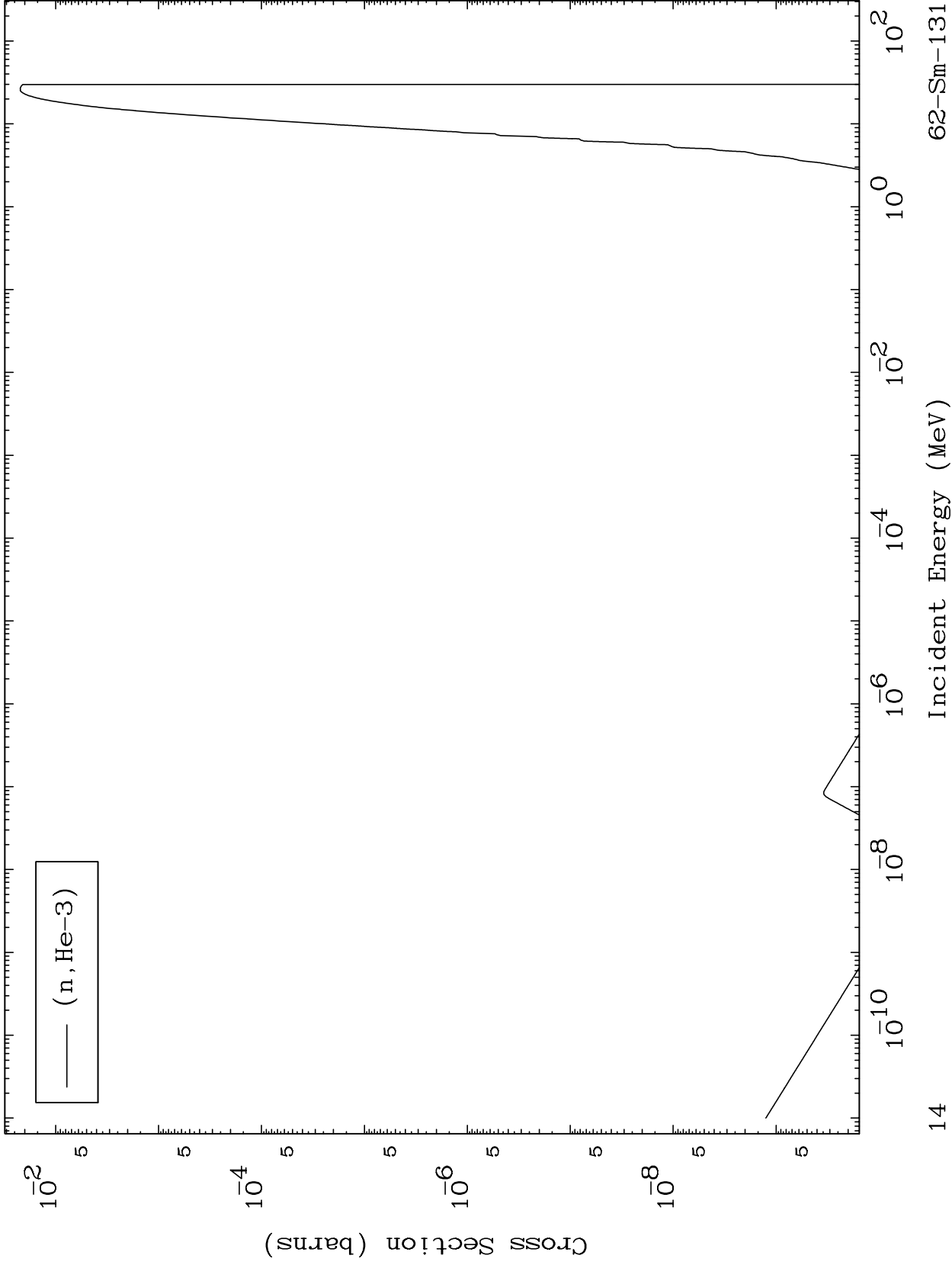
Incident Energy (MeV)

62-Sm-131

MAT 6186

(n,He3) Levels
293 Kelvin Cross Sections

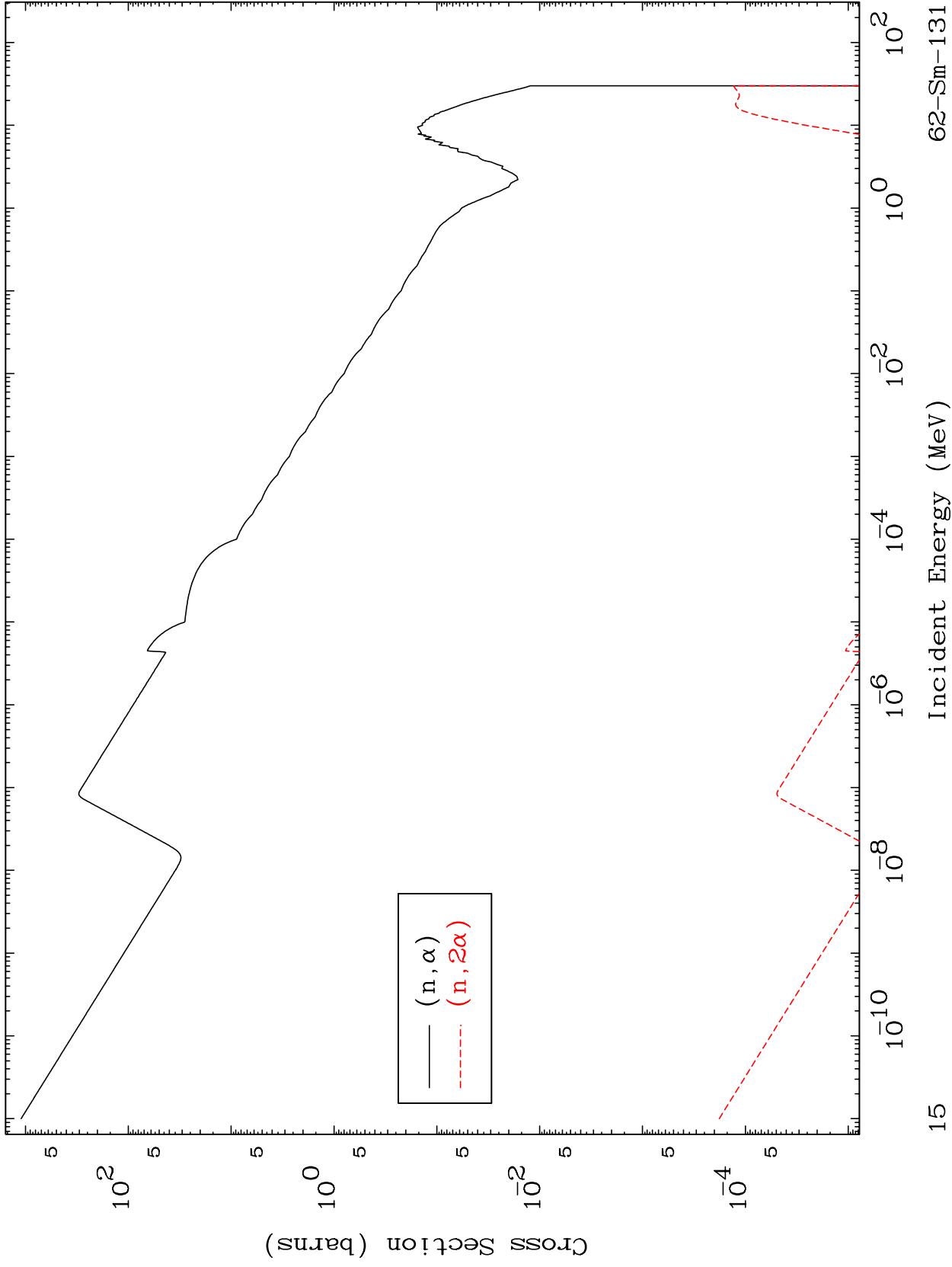
62-Sm-131



MAT 6186

(n, α) Levels
293 Kelvin Cross Sections

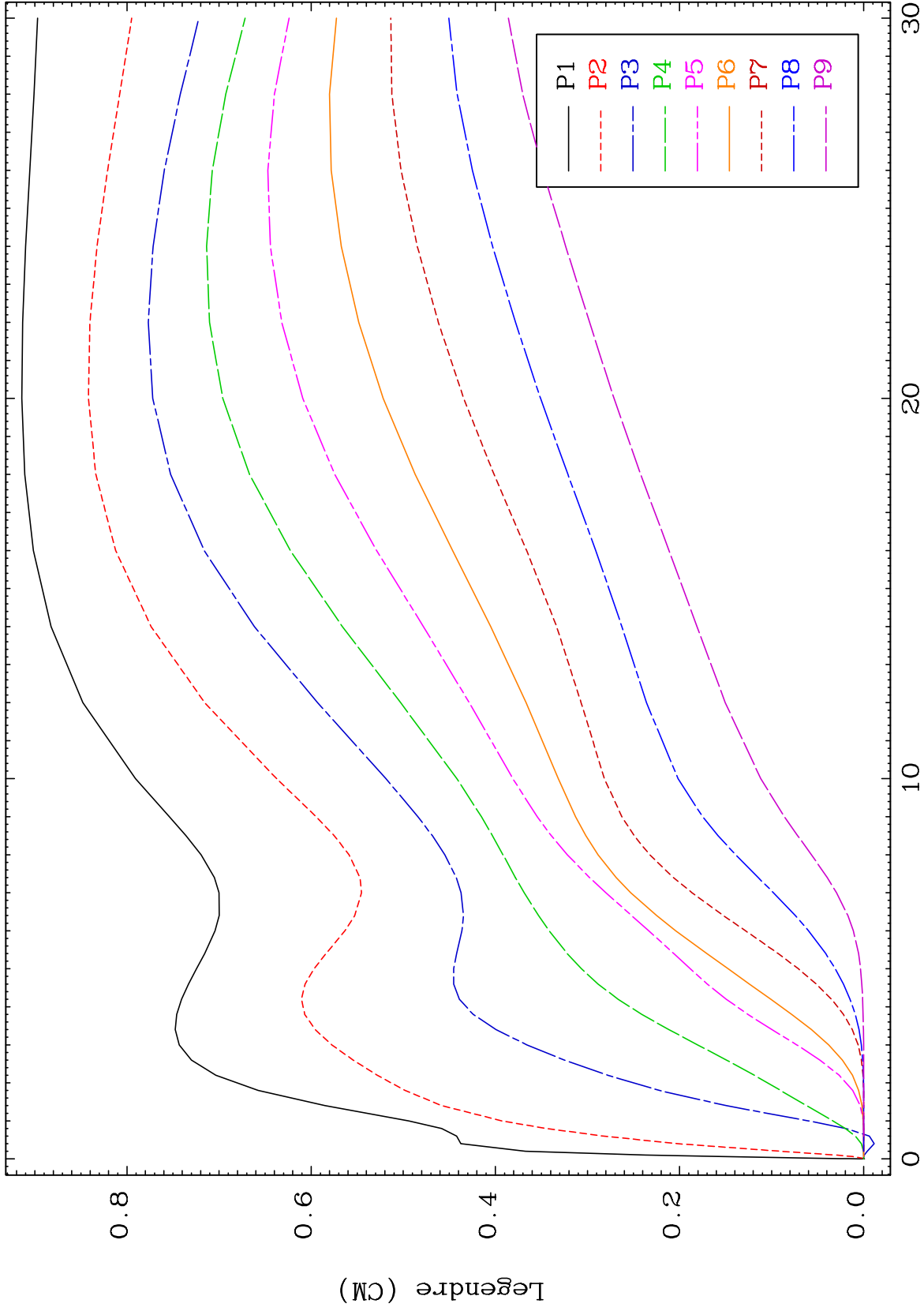
62-Sm-131



MAT 6186

Elastic Legendre Coefficients

$^{62}\text{Sm}-131$



16

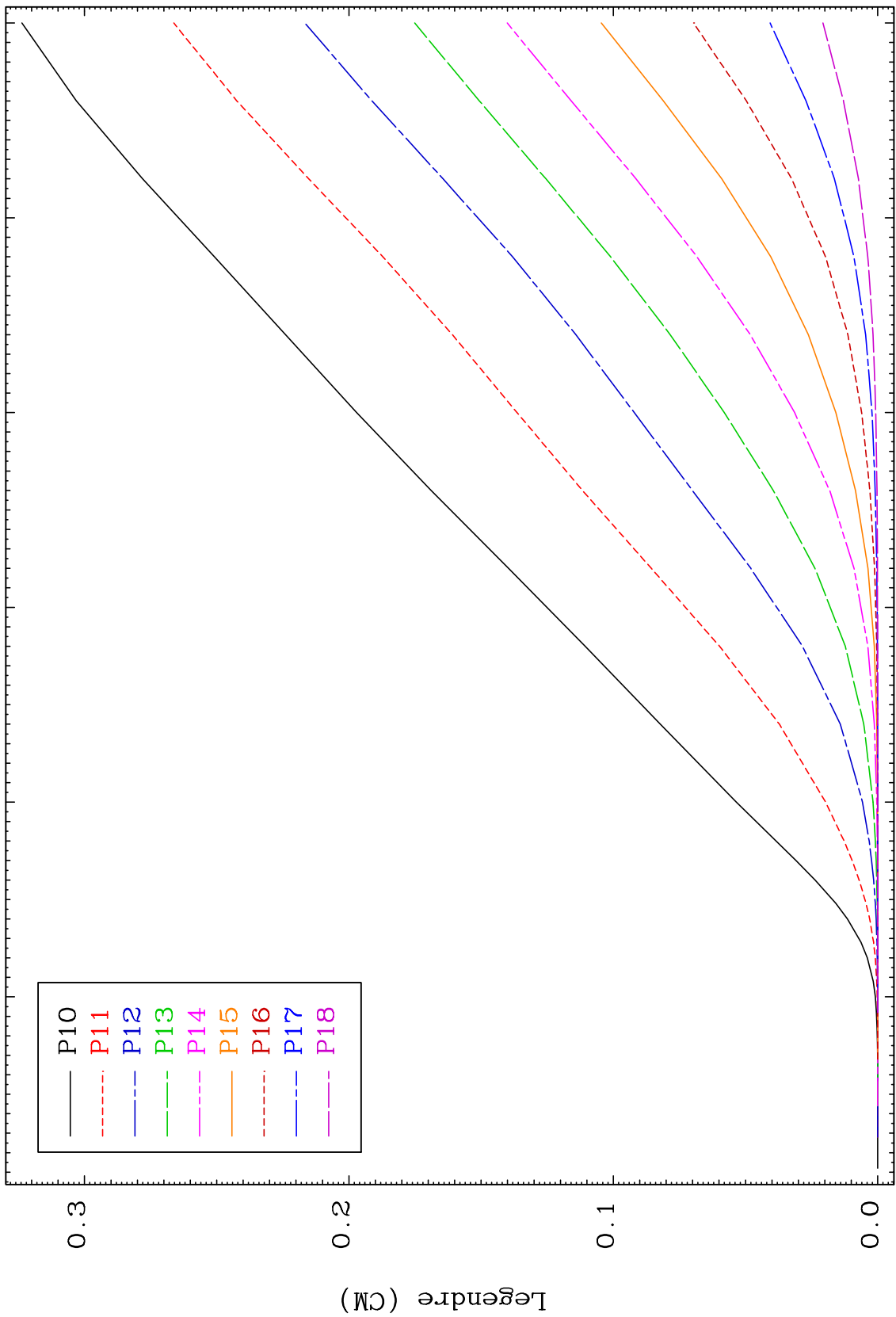
Incident Energy (MeV)

$^{62}\text{Sm}-131$

MAT 6186

Elastic Legendre Coefficients

62-Sm-131



17

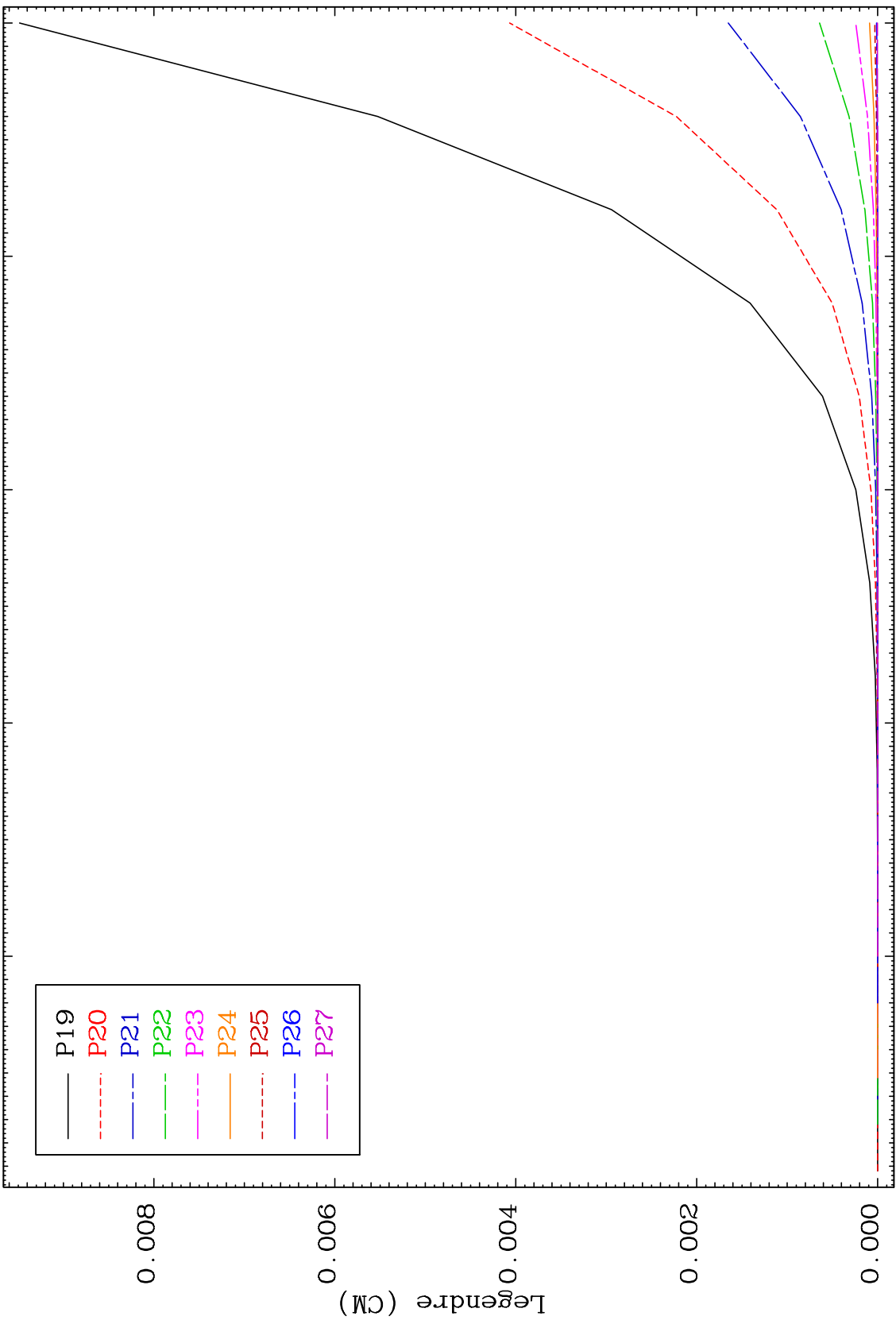
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Incident Energy (MeV)

MAT 6186

Elastic Legendre Coefficients

62-Sm-131



18

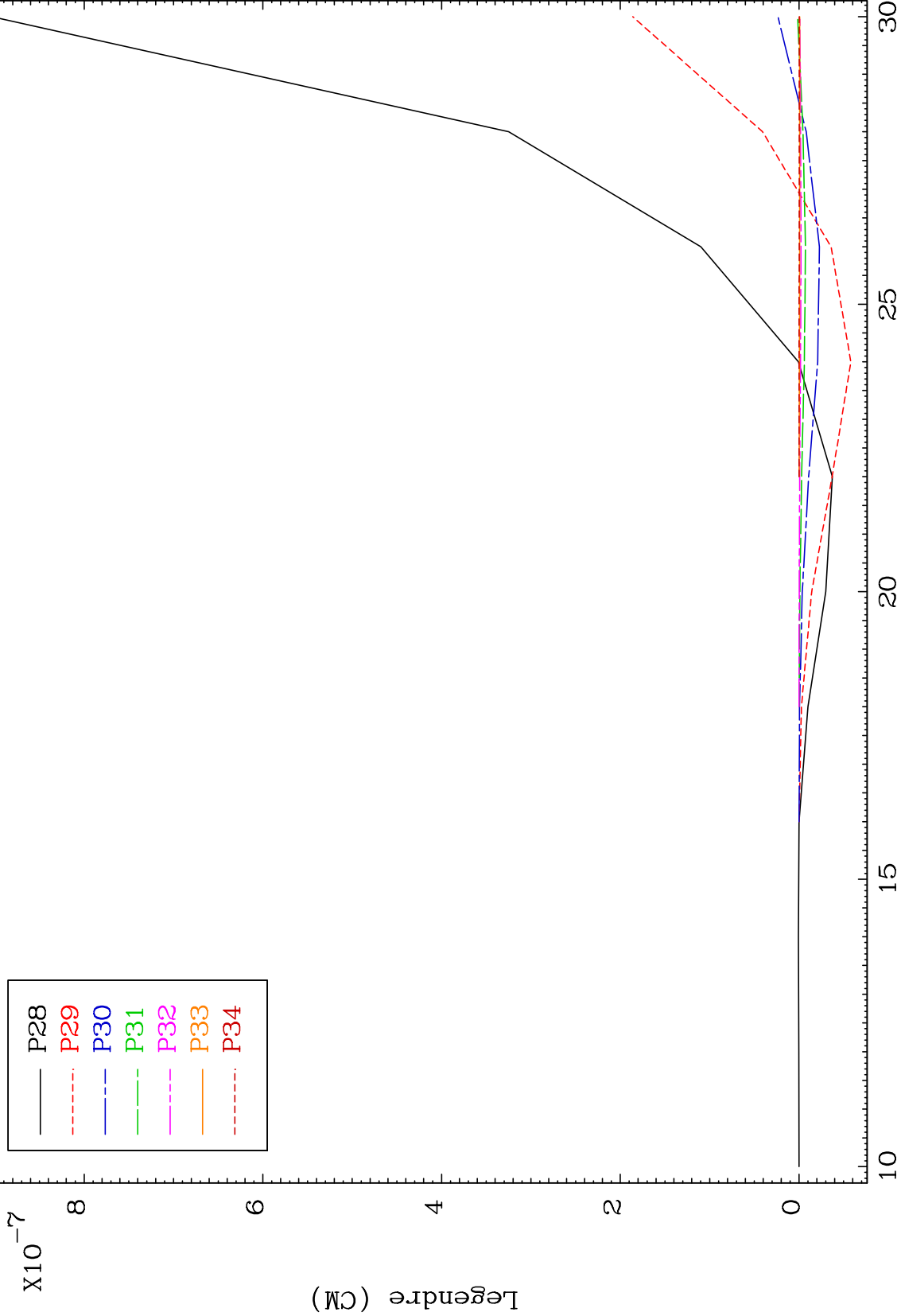
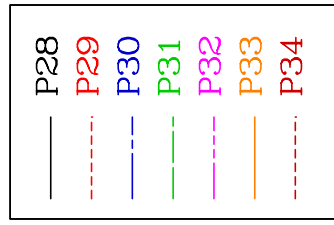
Incident Energy (MeV)

62-Sm-131

MAT 6186

Elastic Legendre Coefficients

⁶²Sm-131



19

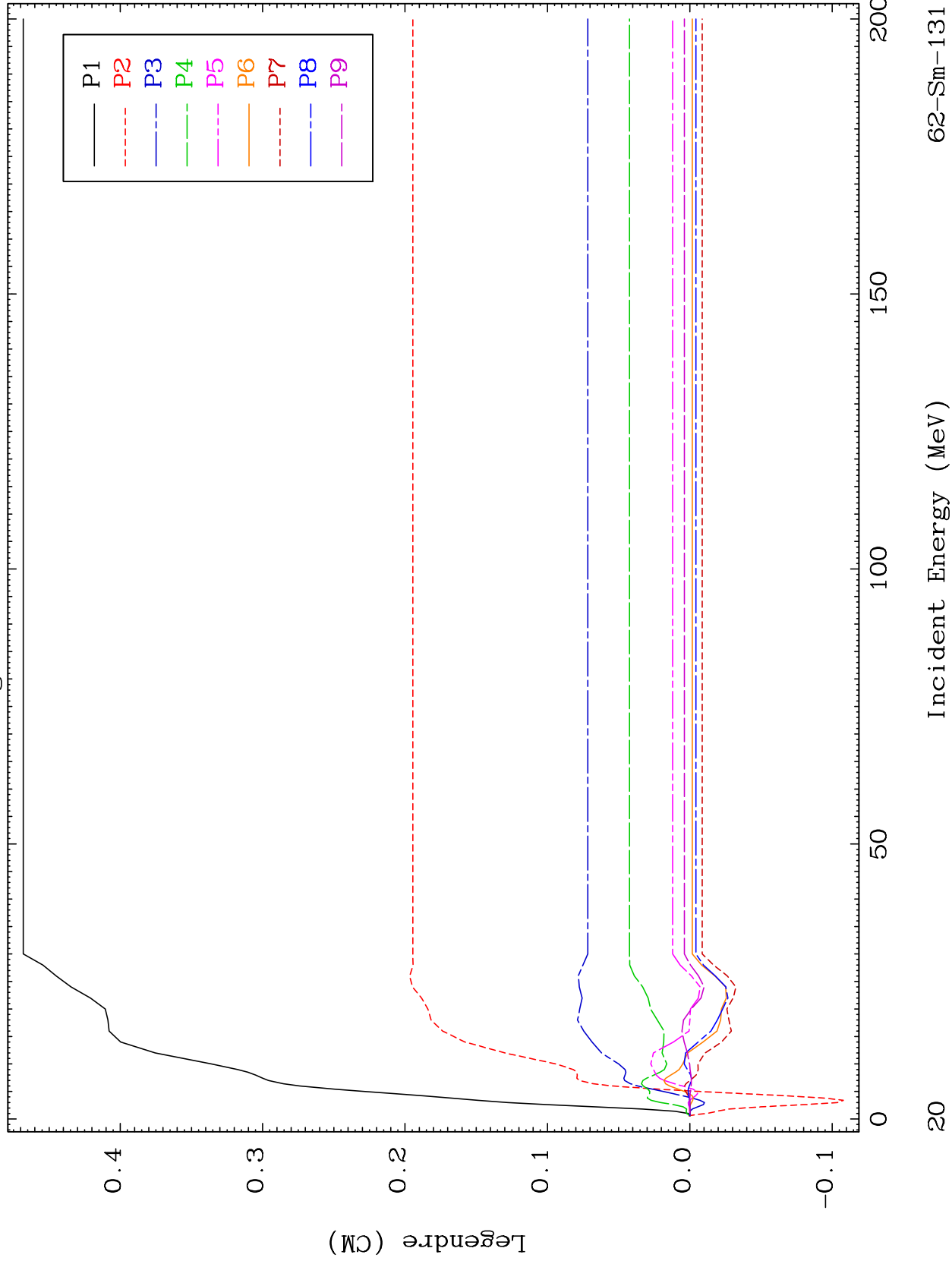
Incident Energy (MeV)

⁶²Sm-131

MAT 6186

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

62-Sm-131

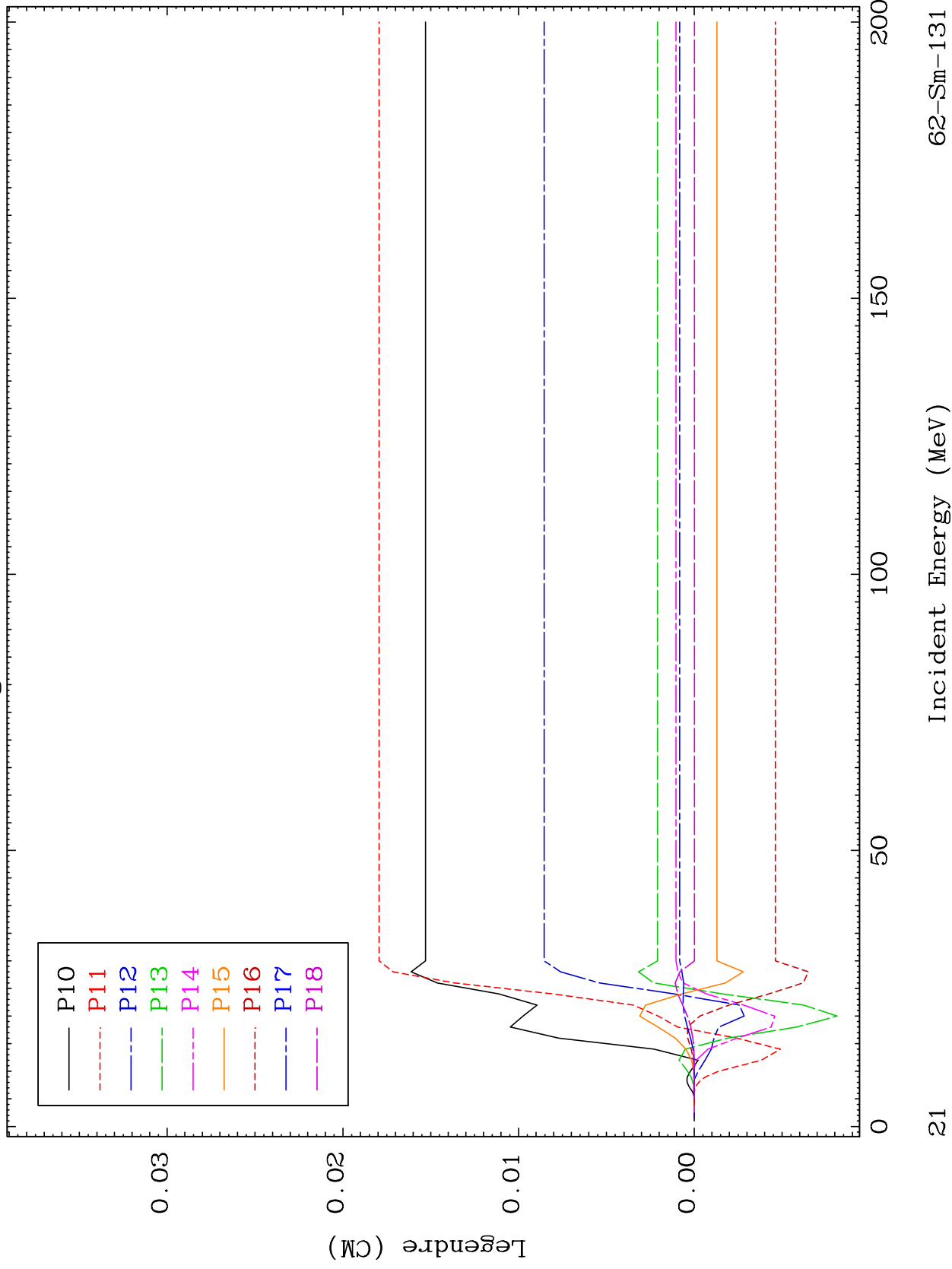


62-Sm-131

MAT 6186

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

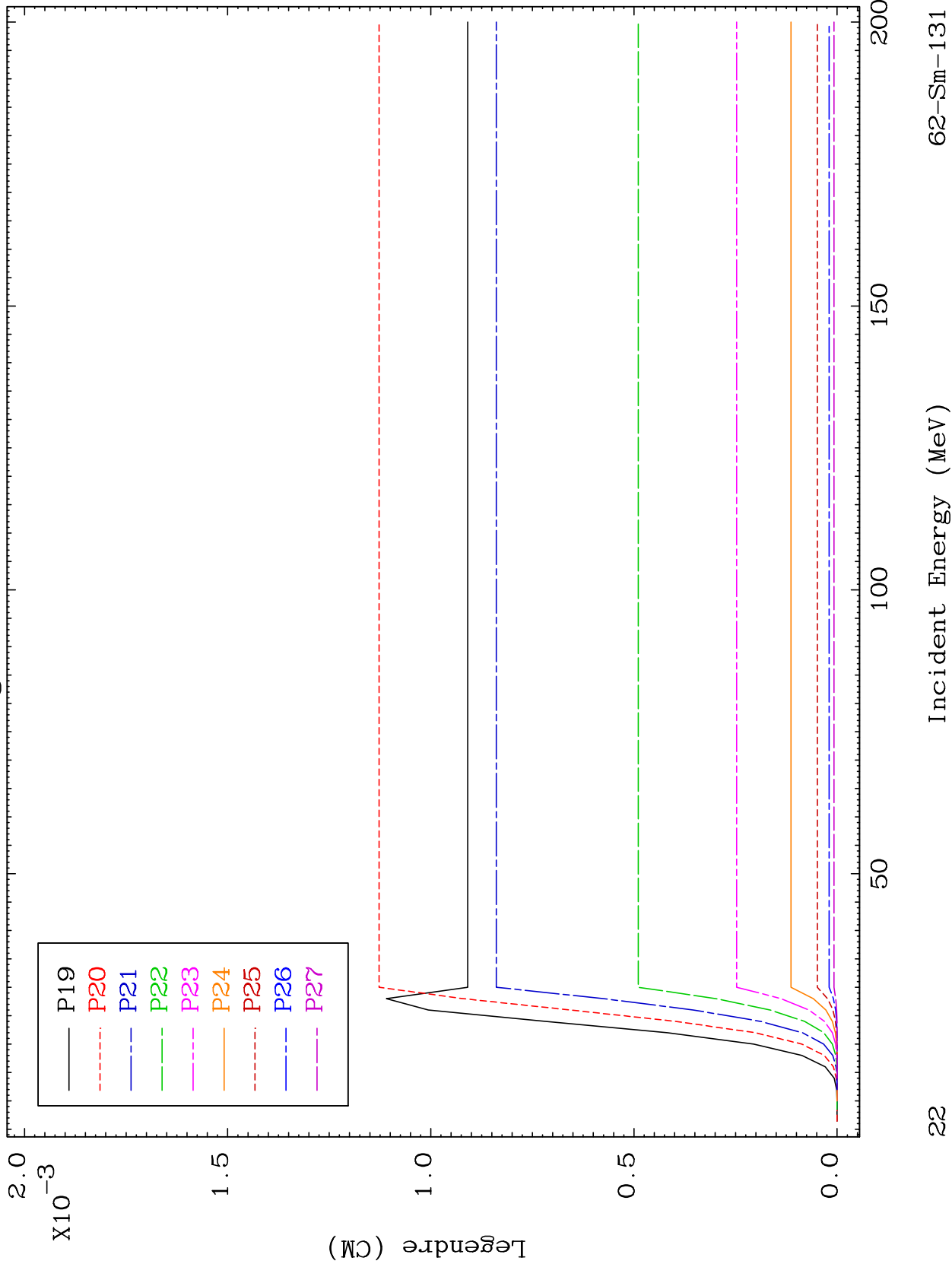
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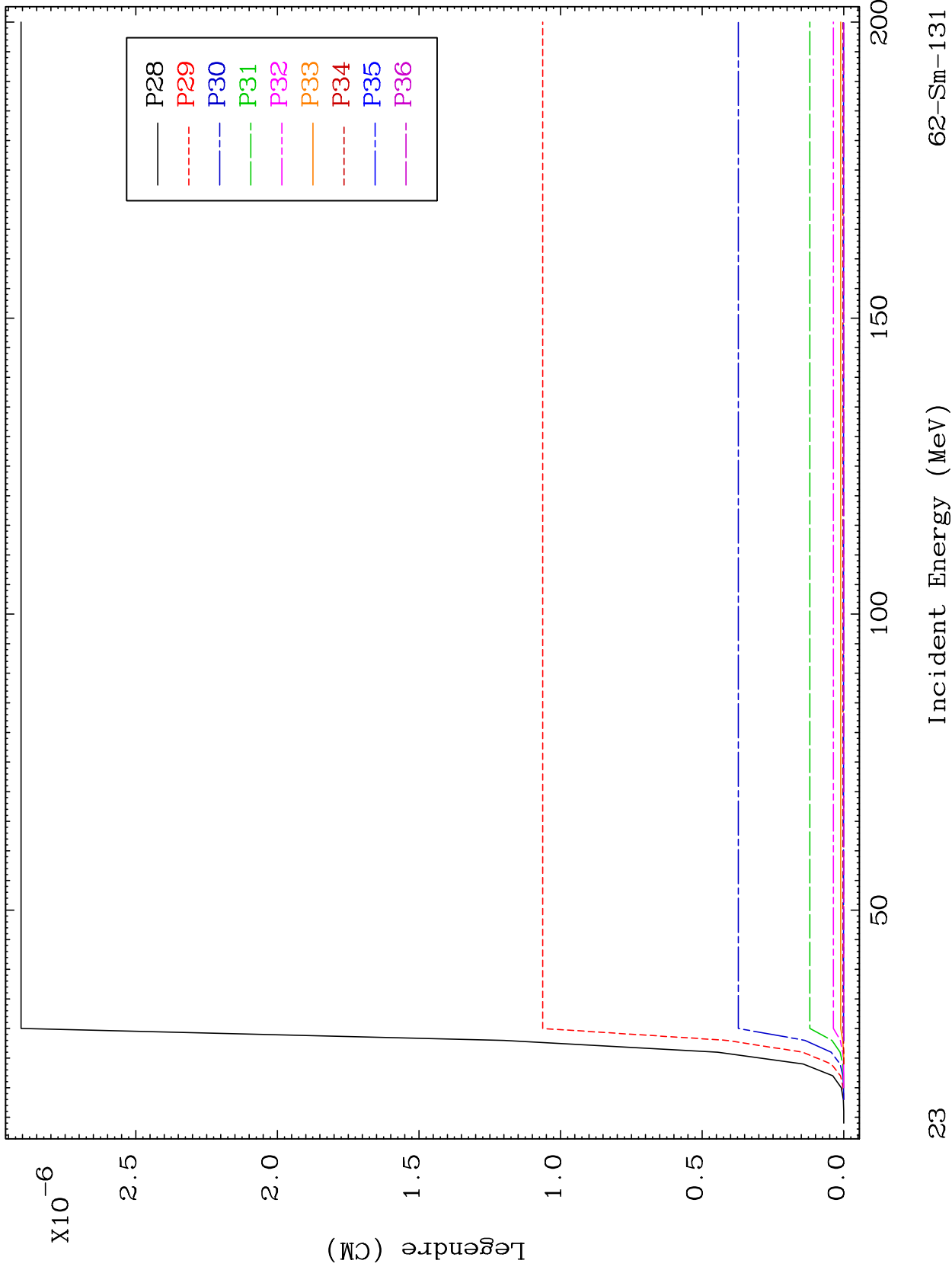


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Incident Energy (MeV)

62-Sm-131

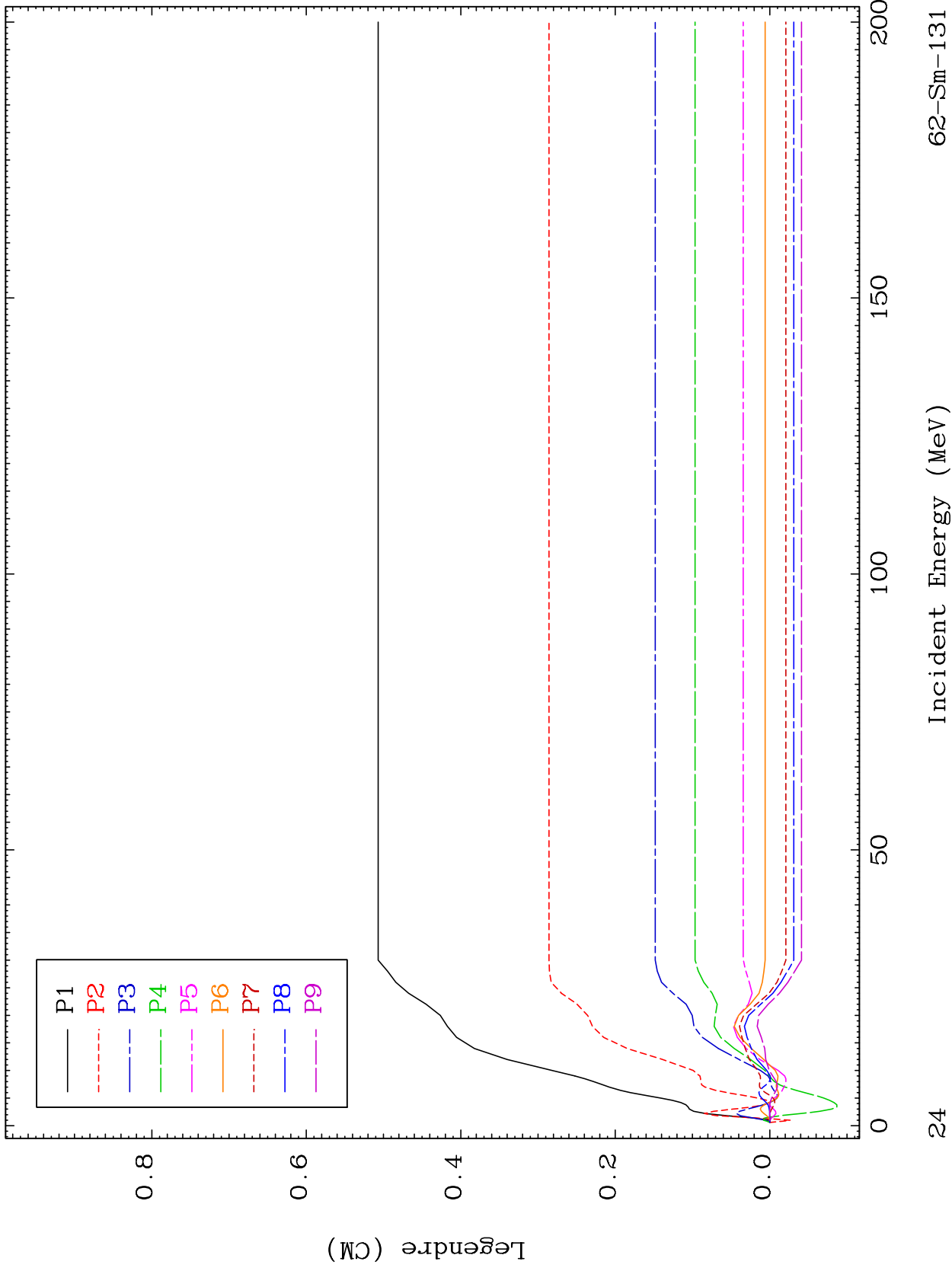




MAT 6186

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

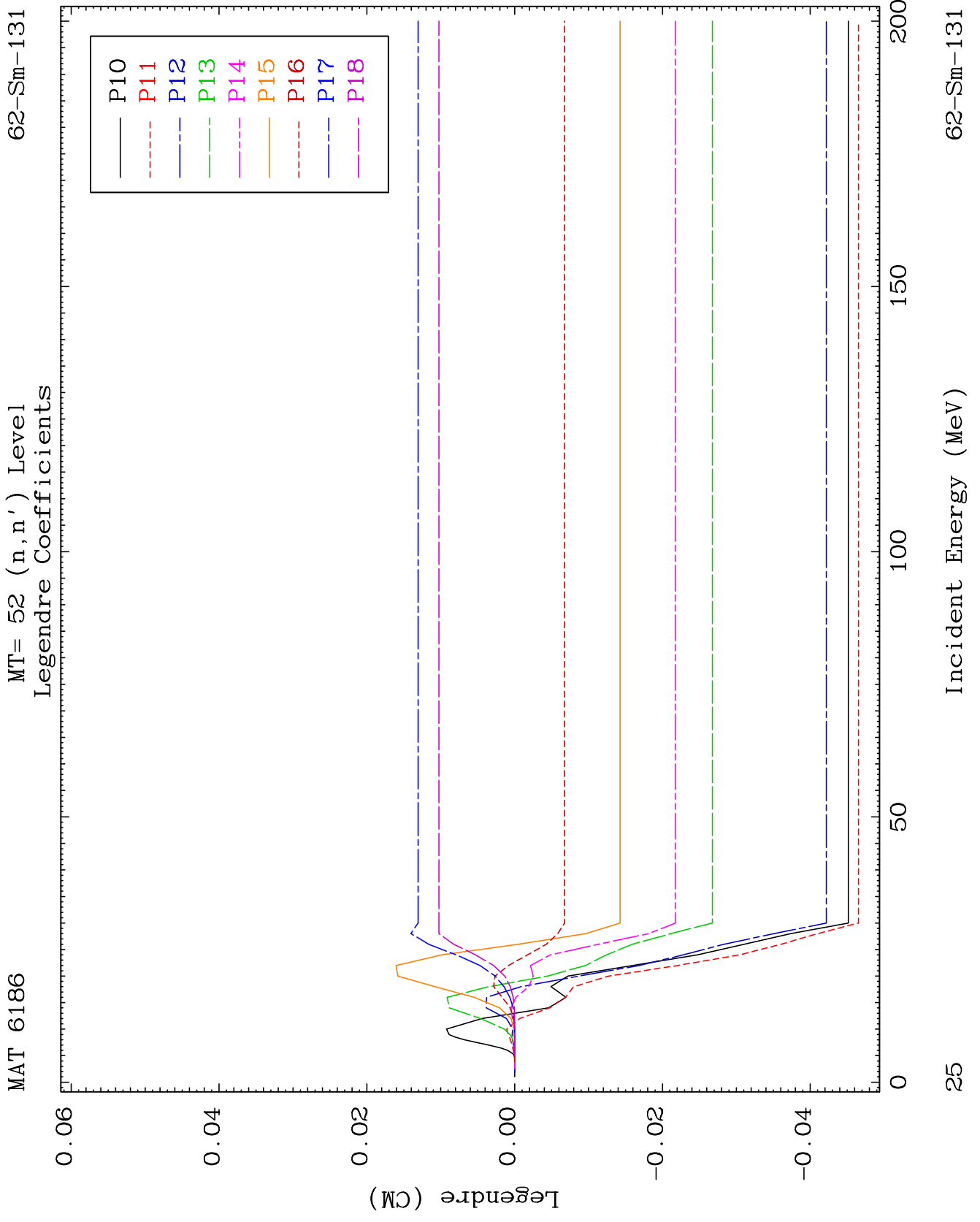
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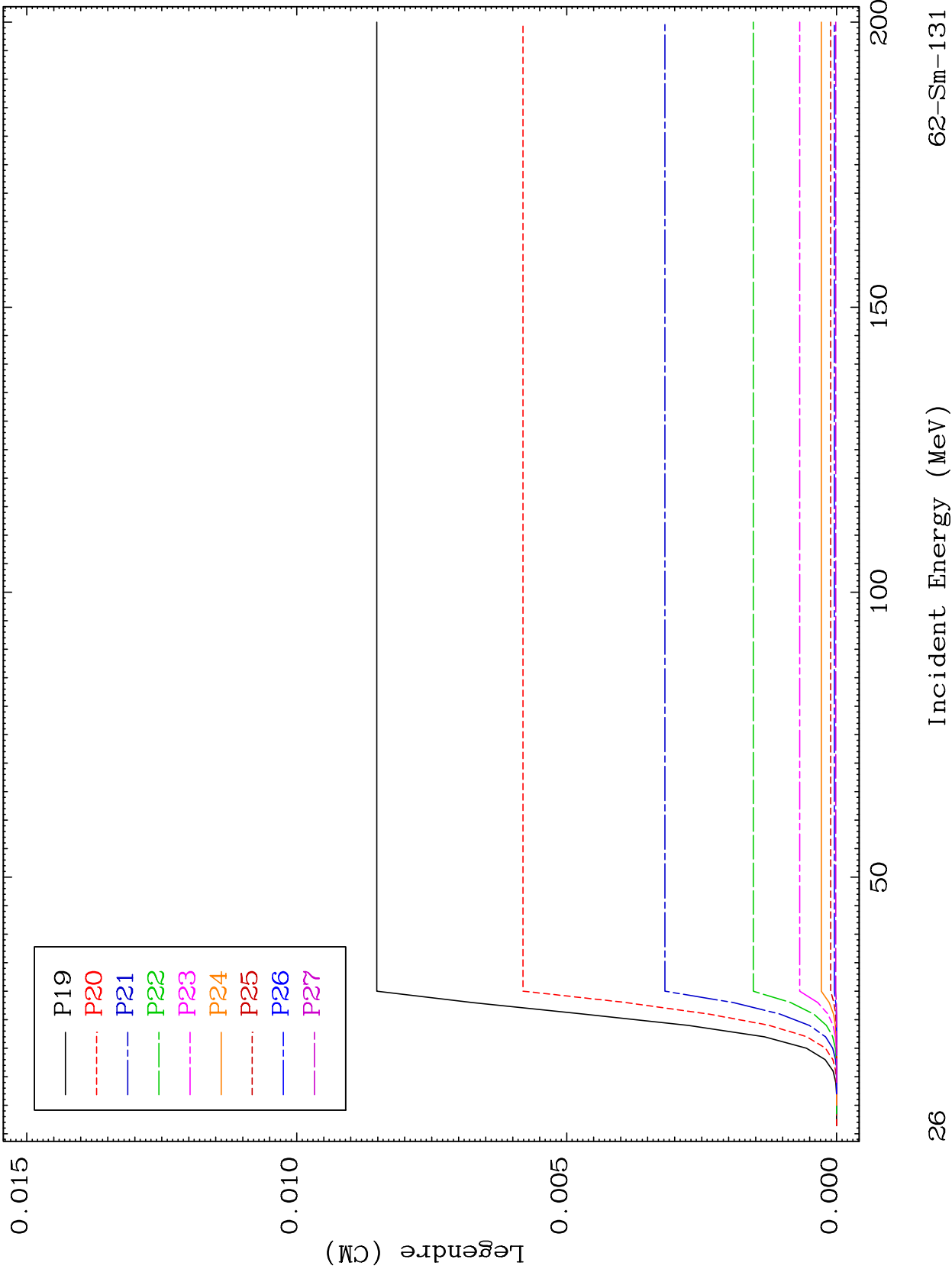


24

Incident Energy (MeV)

62-Sm-131

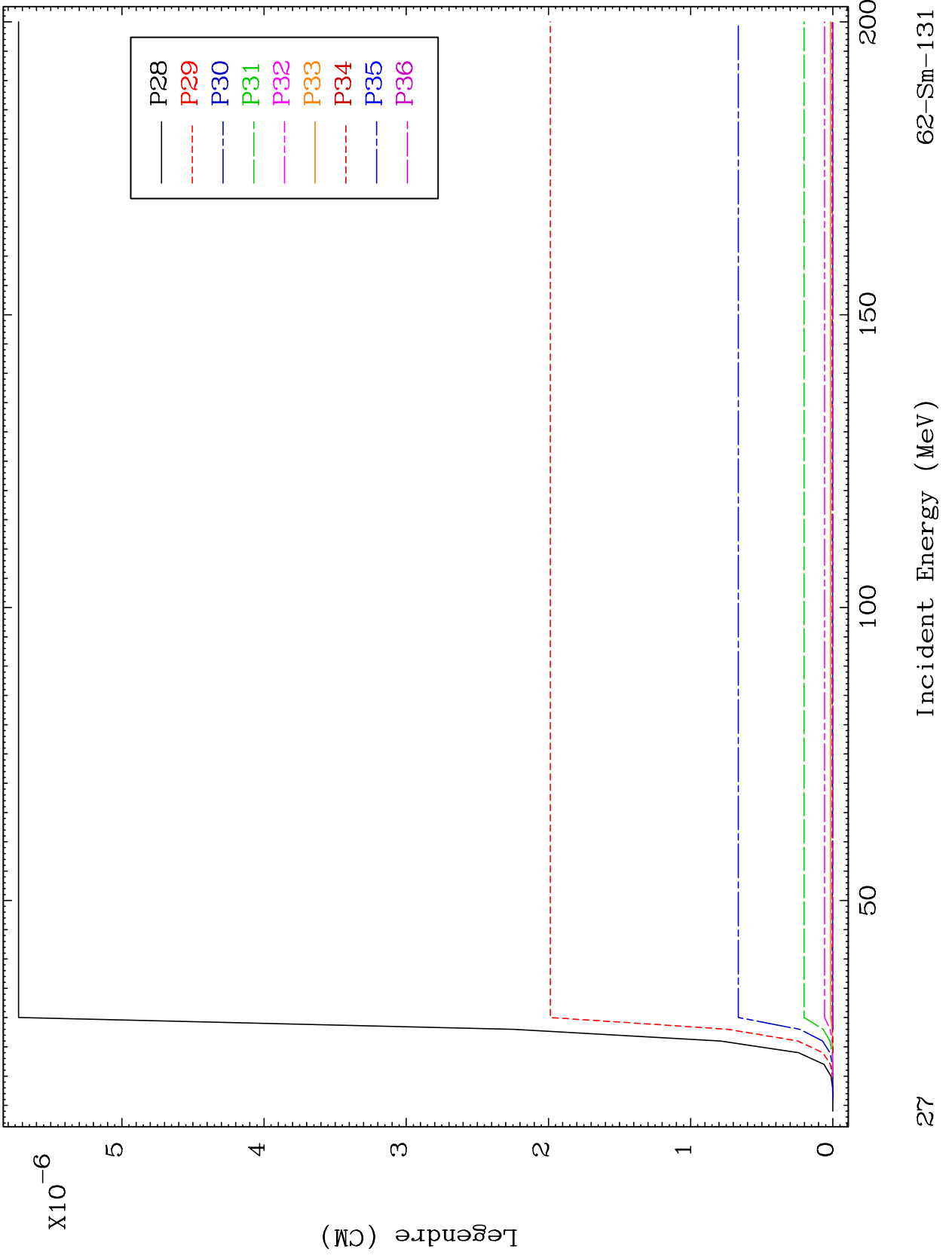




MAT 6186

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

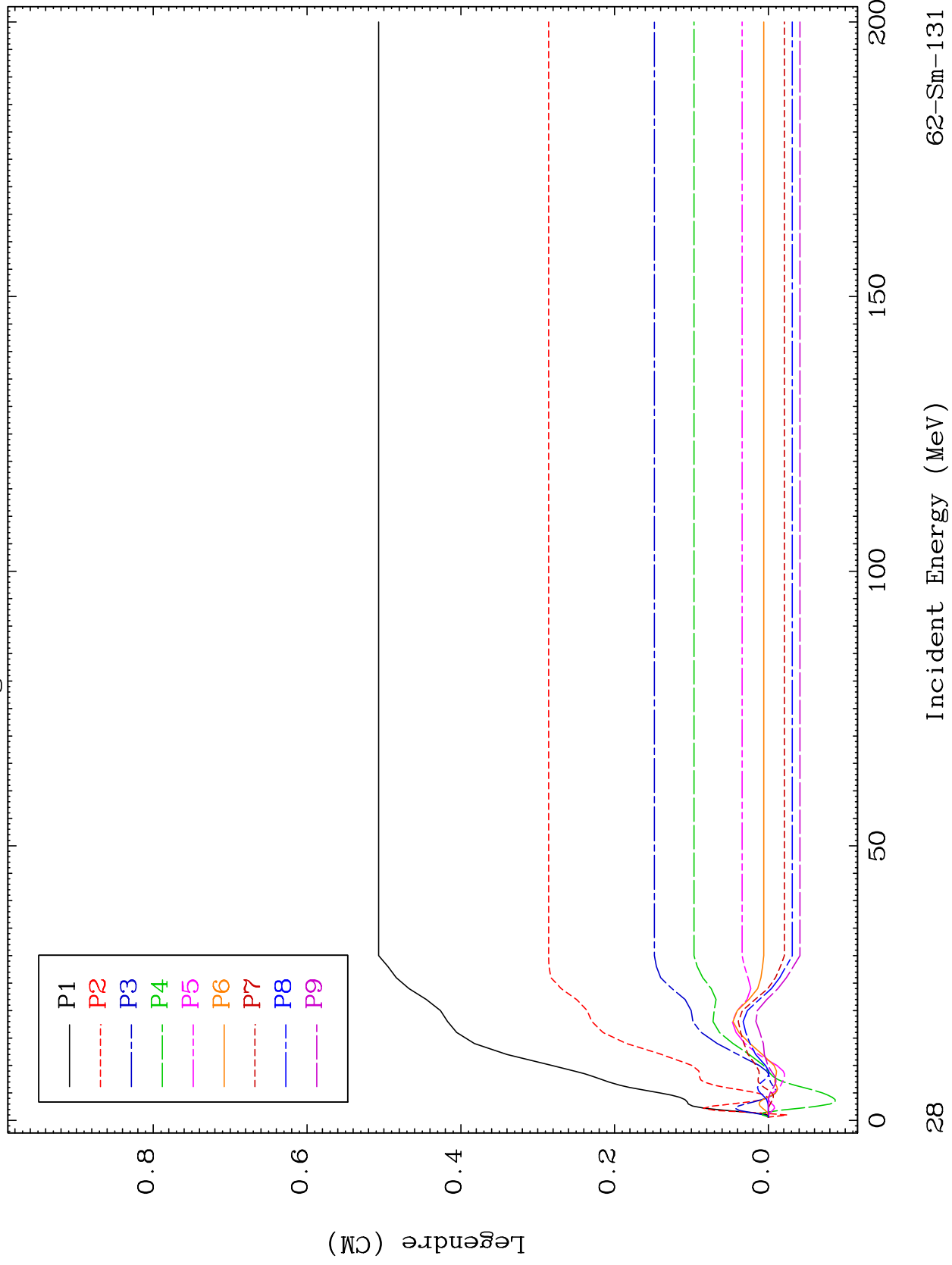
62-Sm-131



MAT 6186

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

62-Sm-131



62-Sm-131

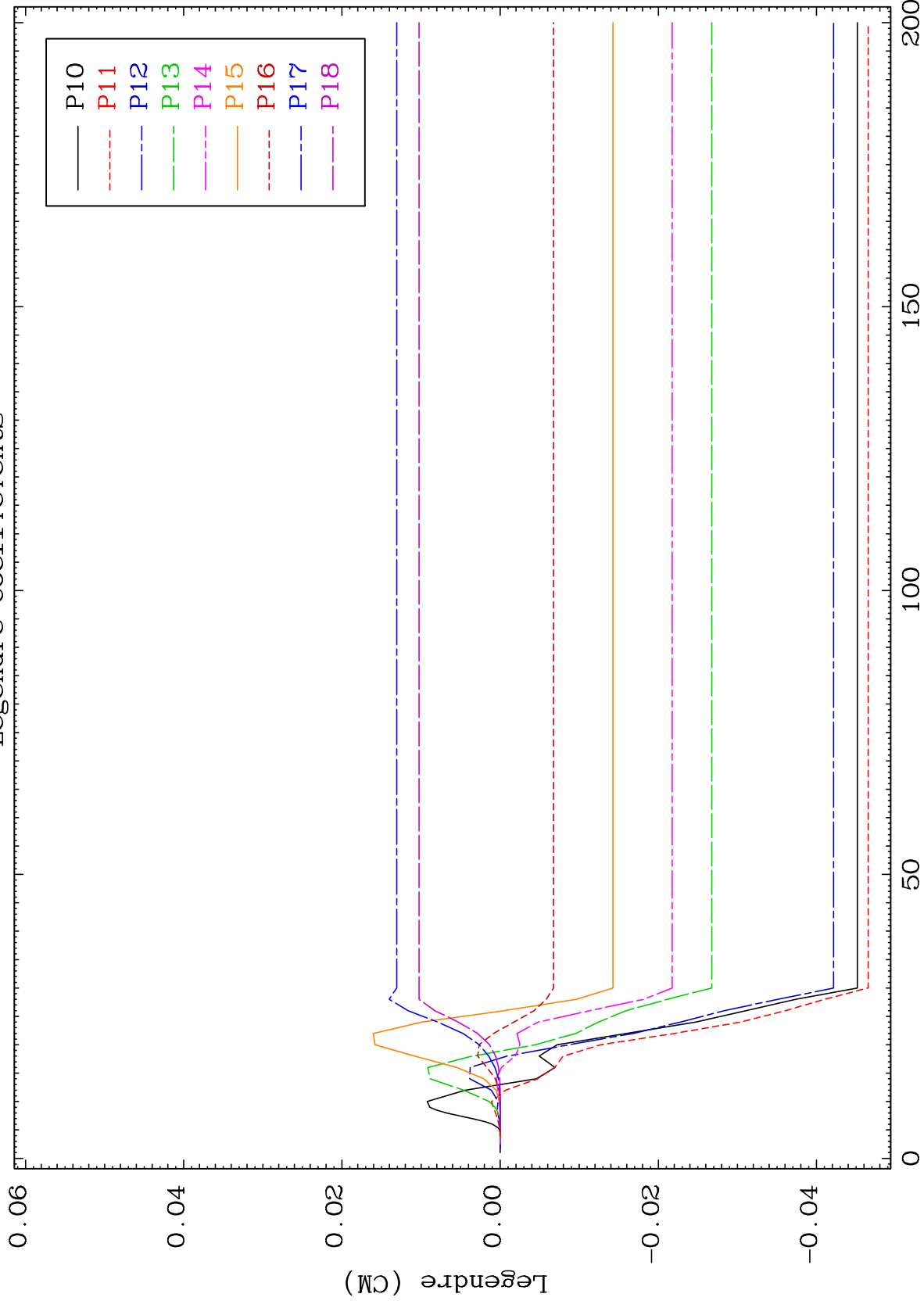
Incident Energy (MeV)

28

MAT 6186

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

62-Sm-131



29

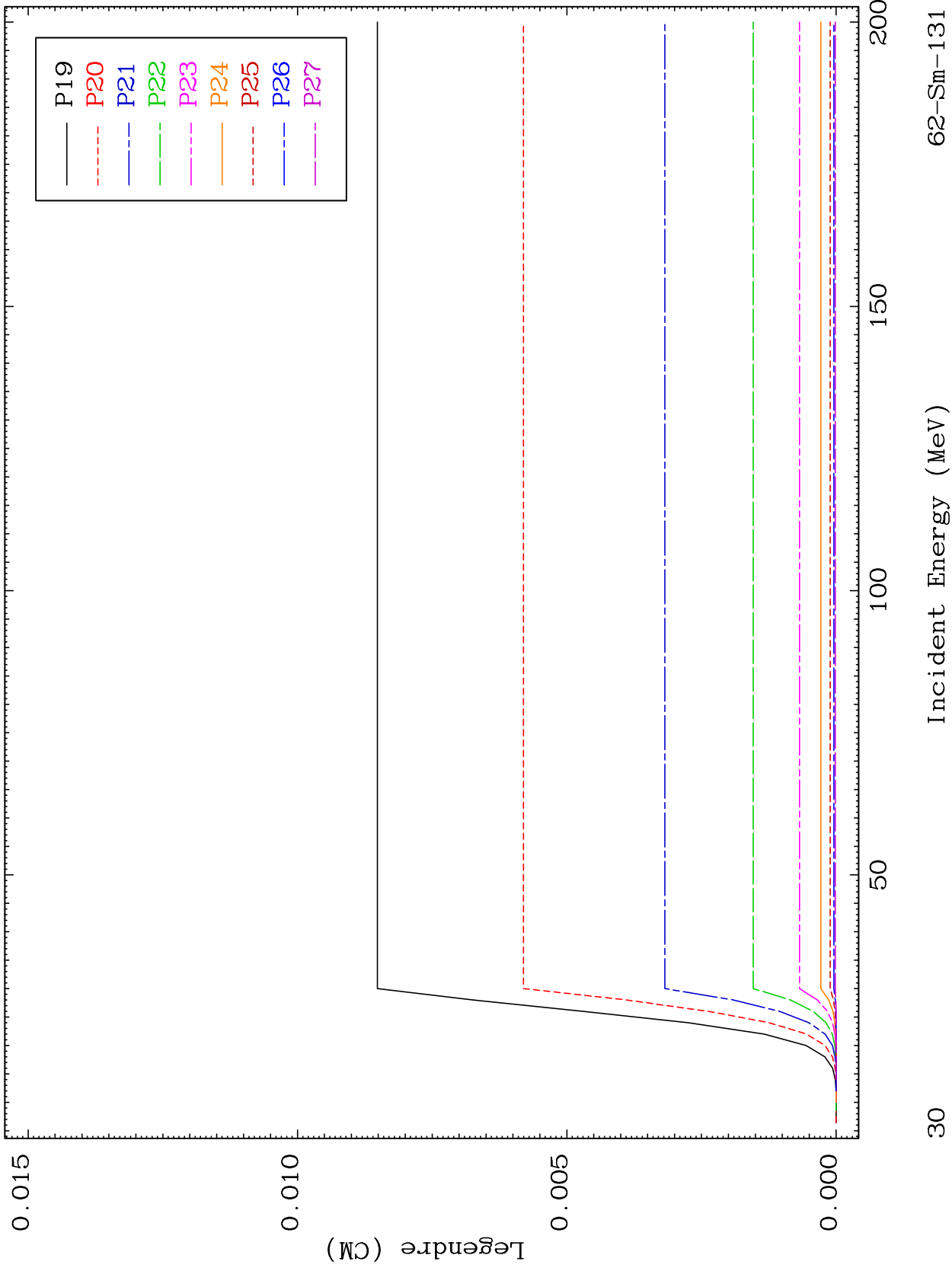
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



62-Sm-131

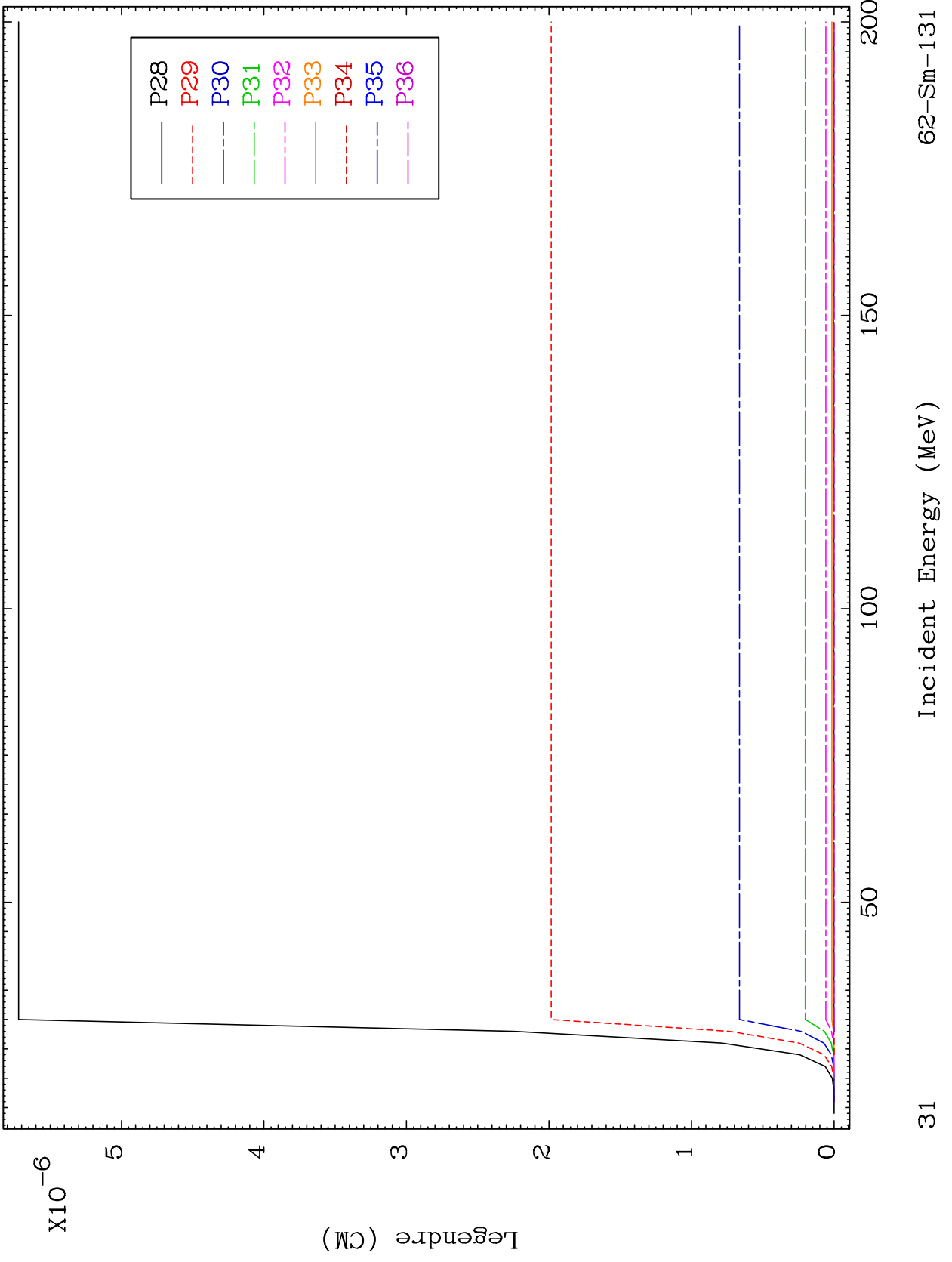
Incident Energy (MeV)

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MAT 6186

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

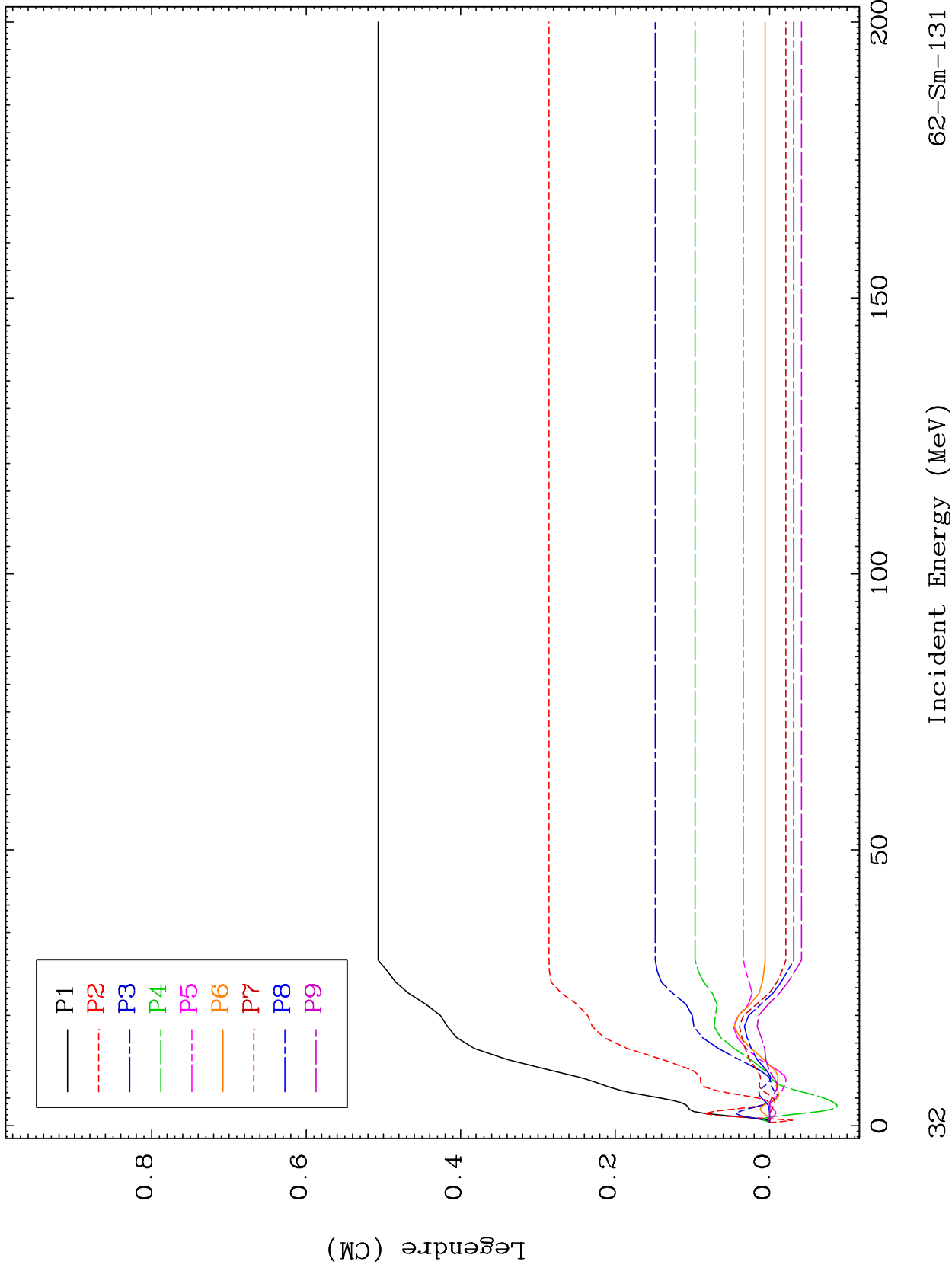
62-Sm-131



MAT 6186

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

62-Sm-131



32

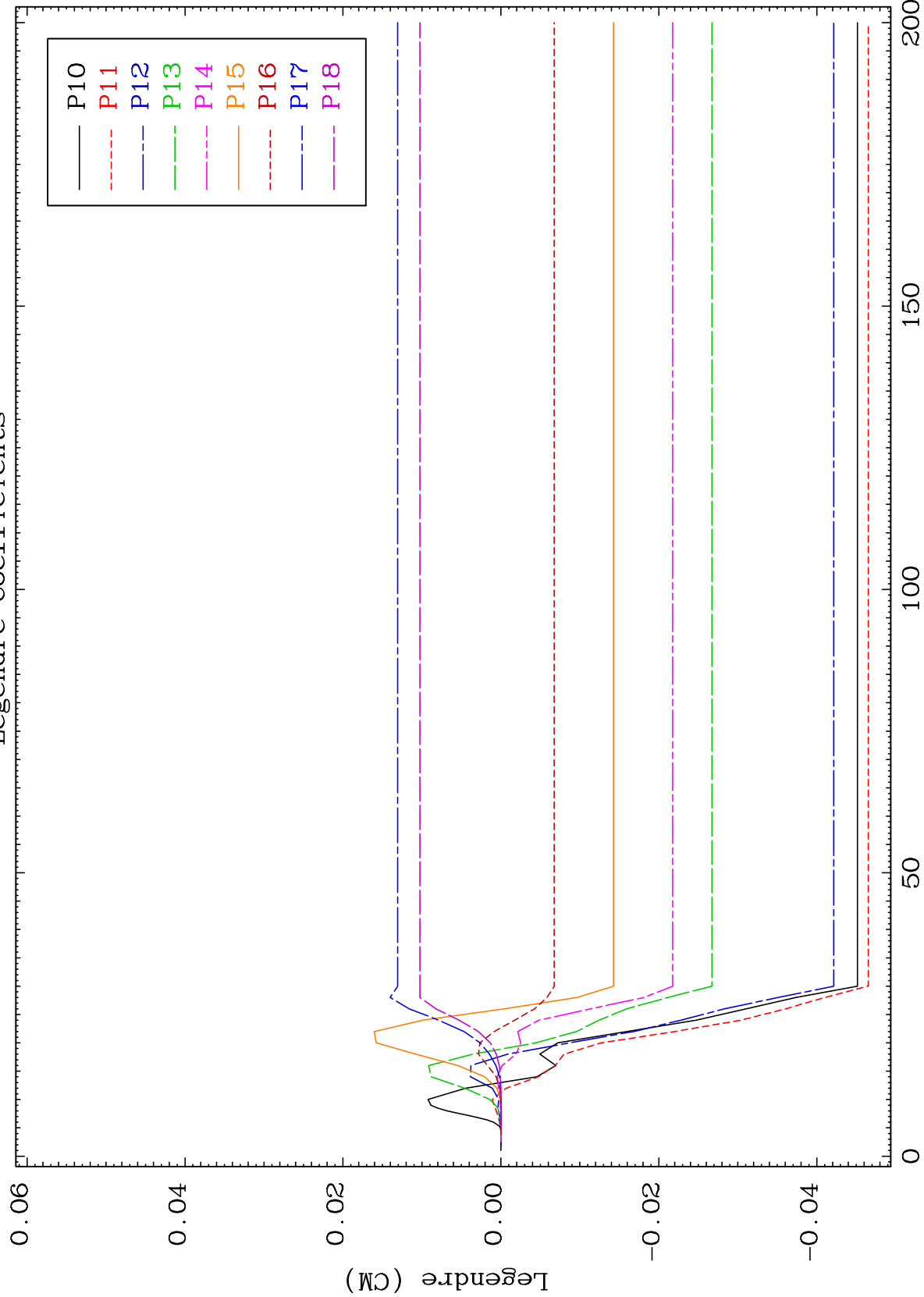
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



33

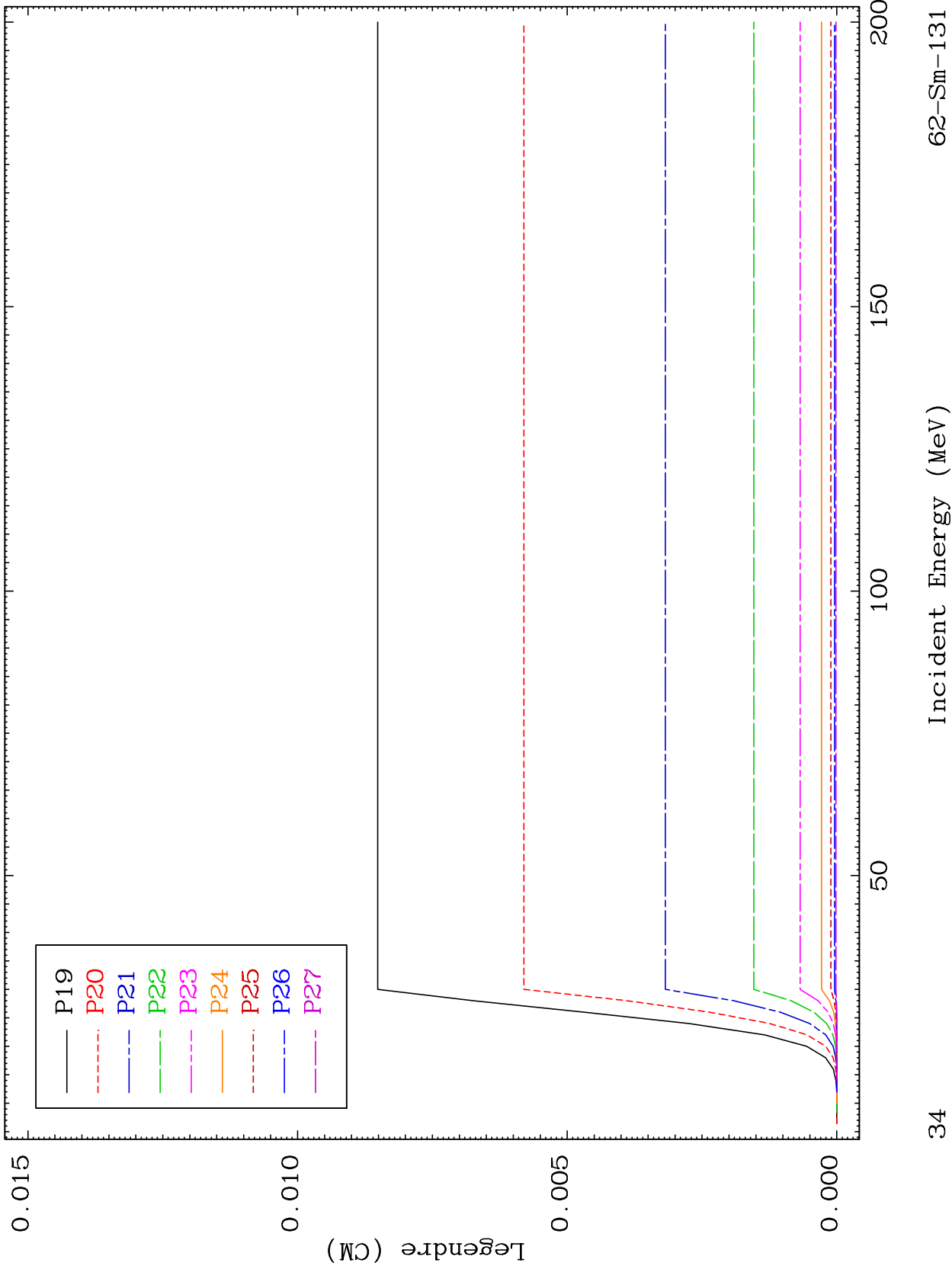
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



34

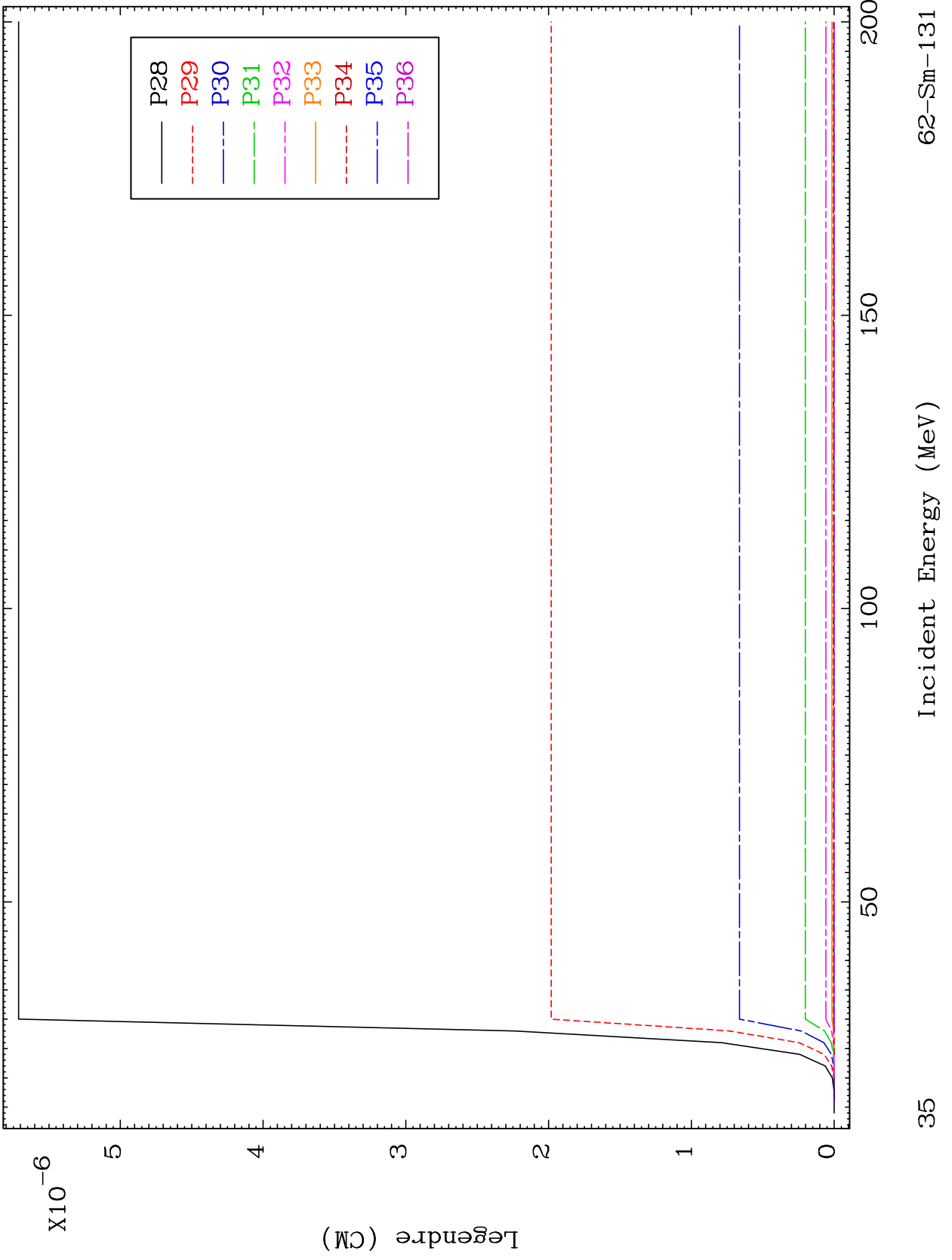
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



35

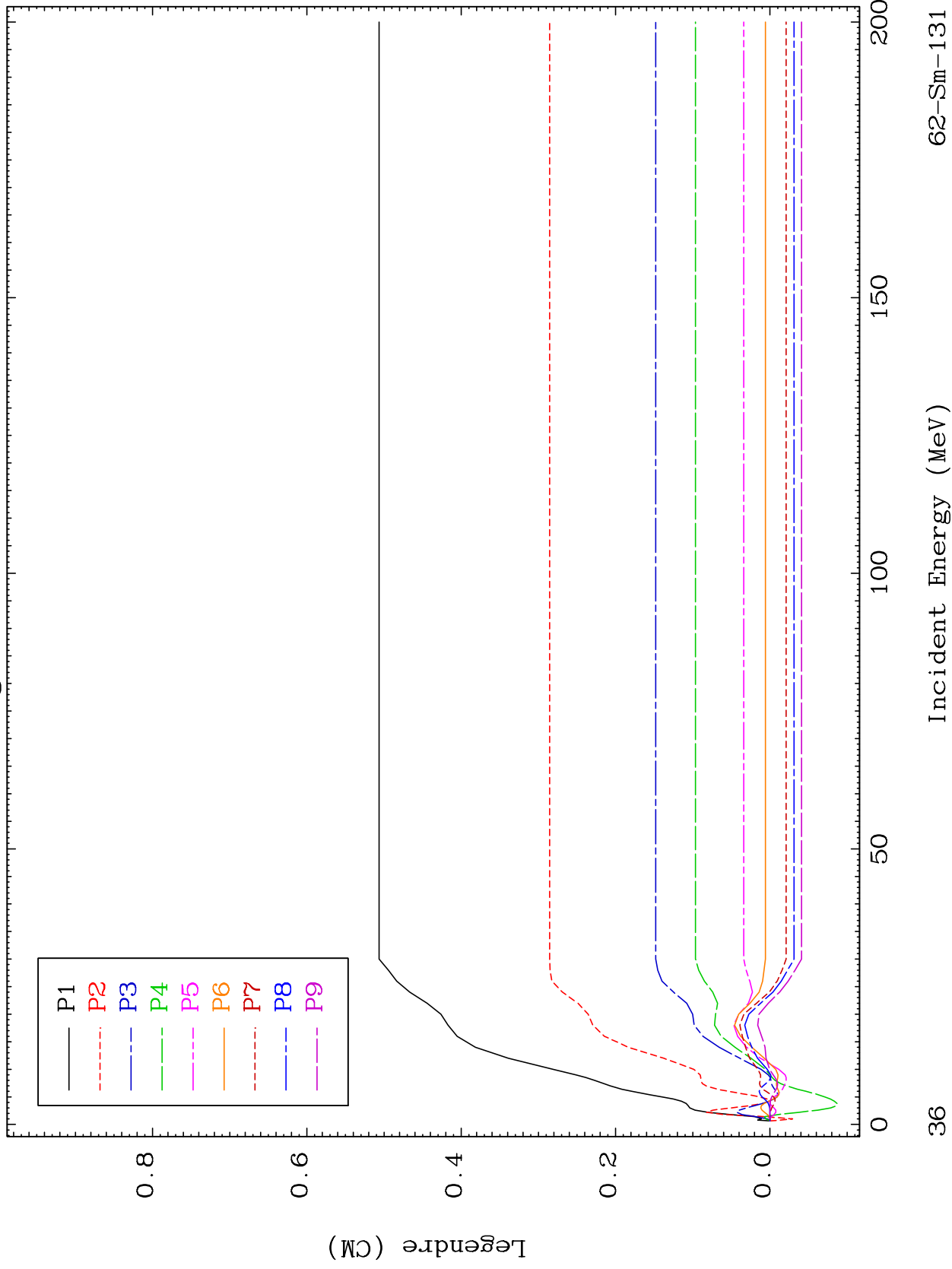
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



36

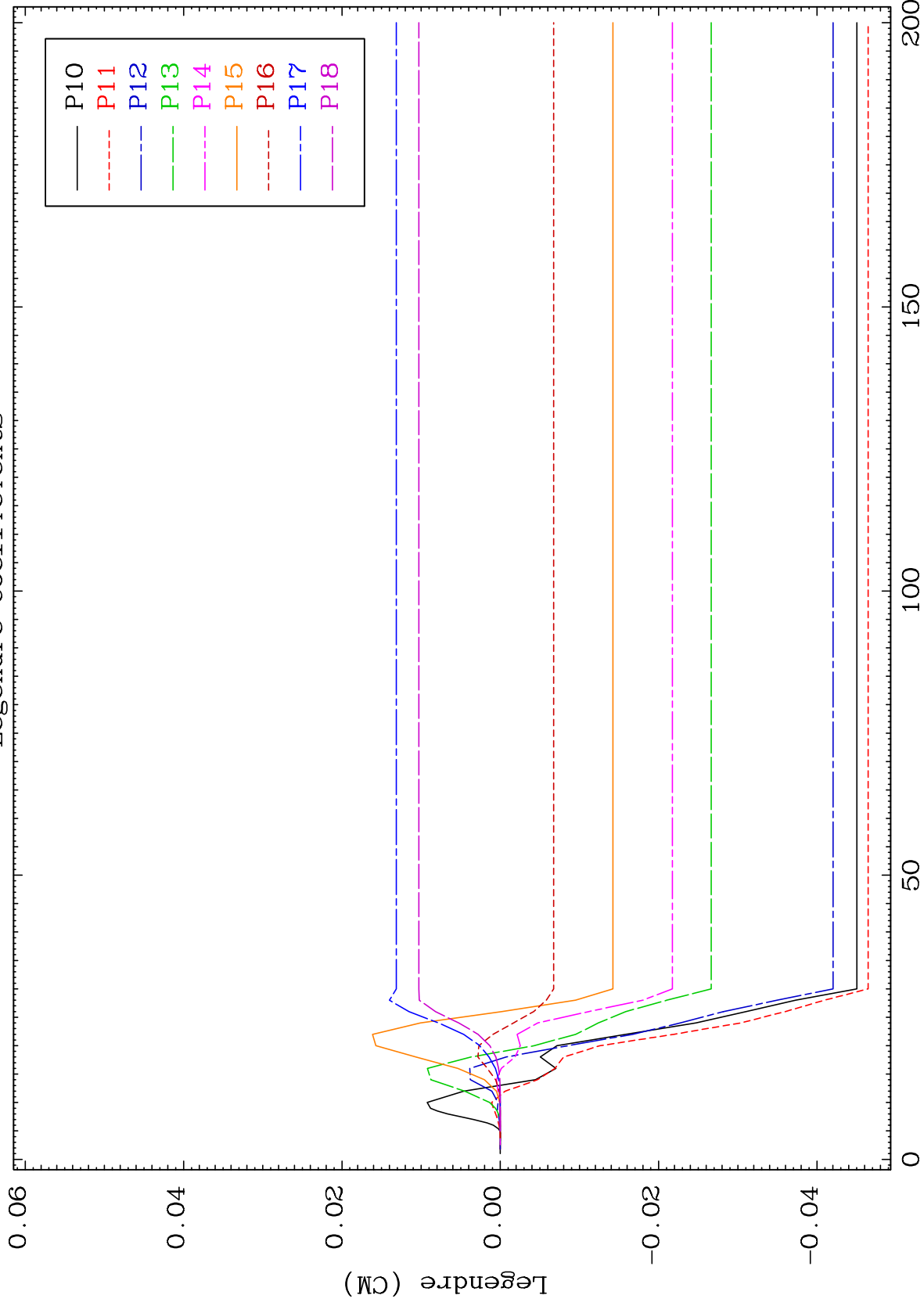
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

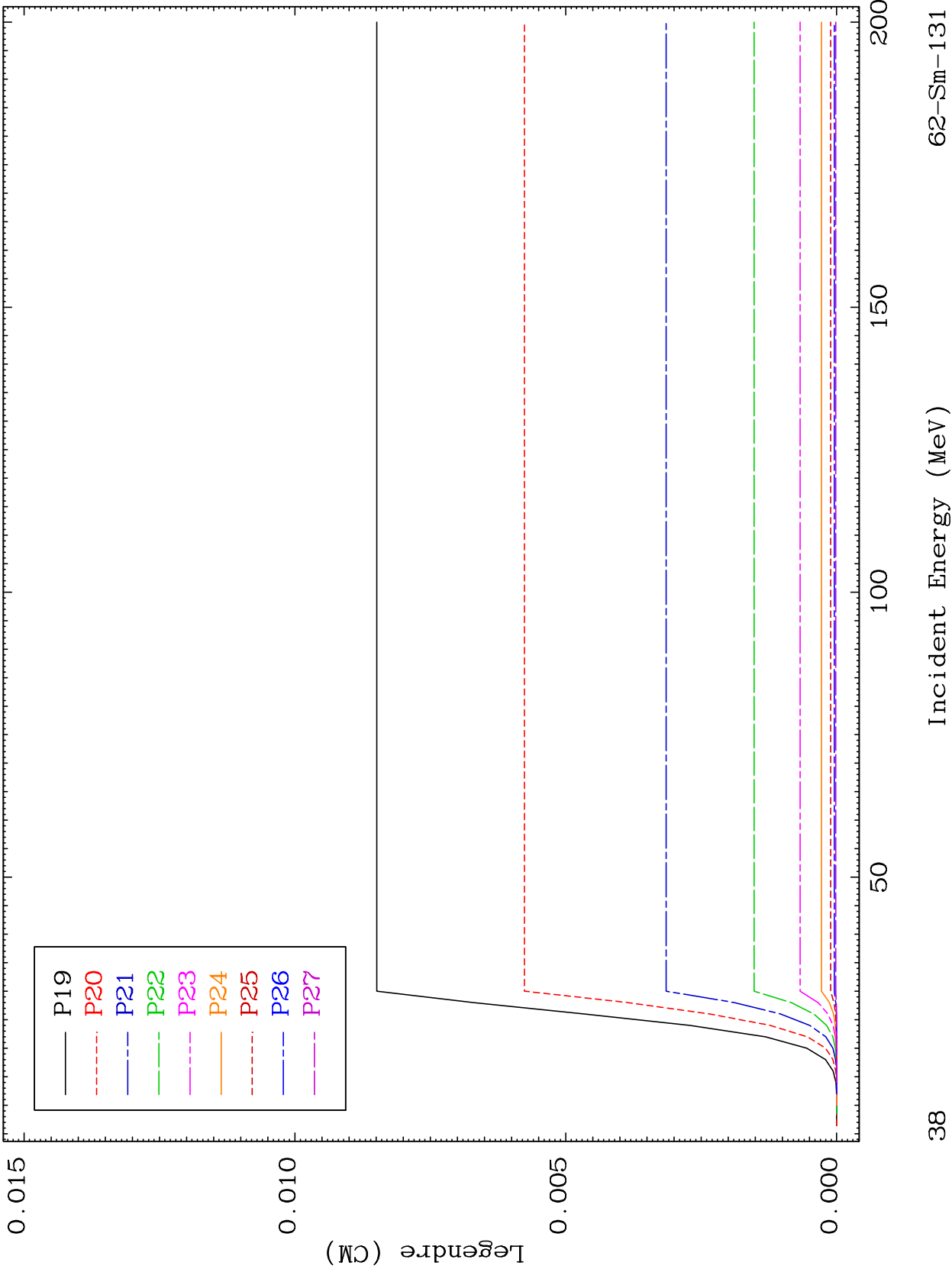
62-Sm-131



37

Incident Energy (MeV)

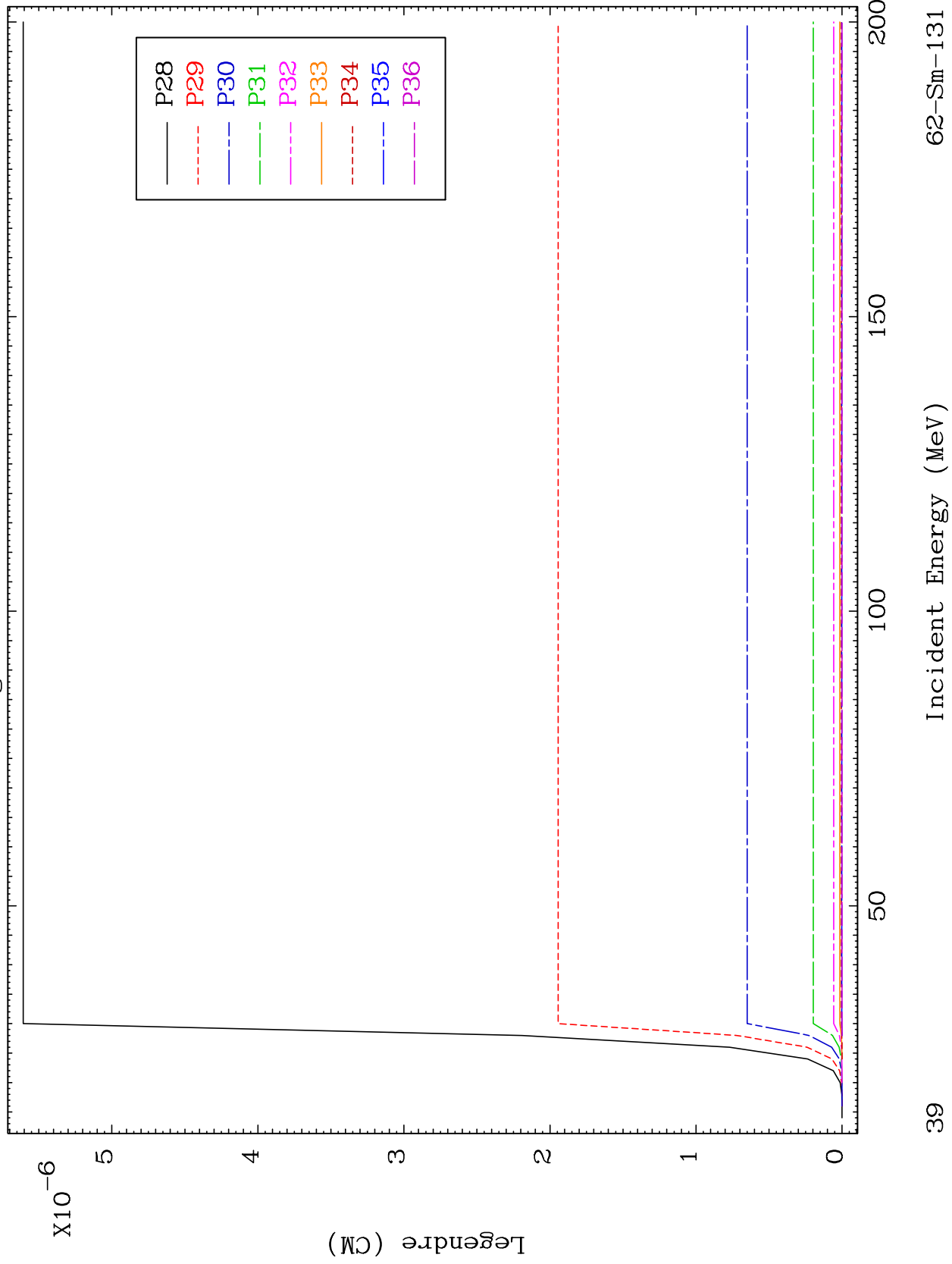
62-Sm-131



MAT 6186

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

62-Sm-131



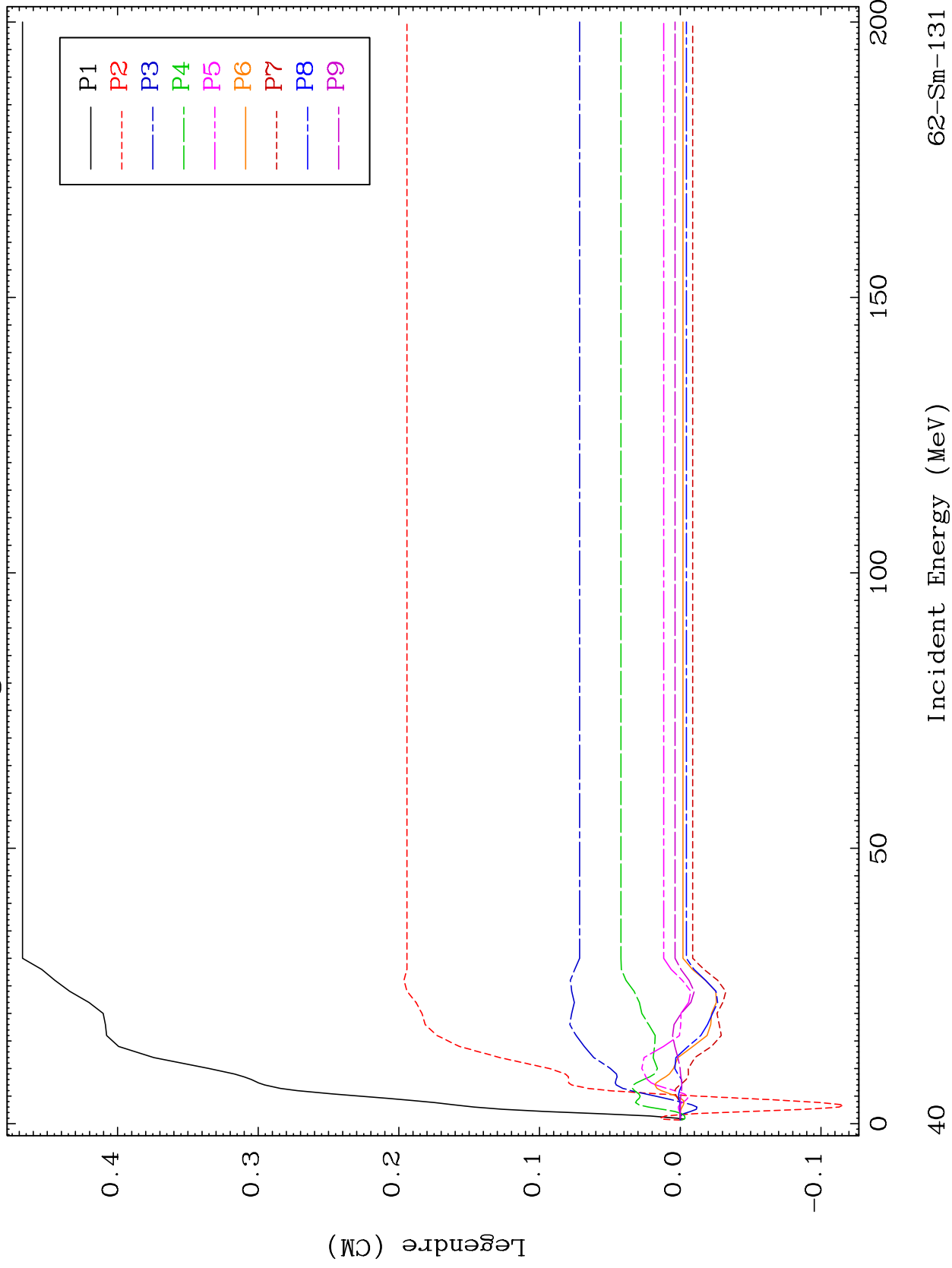
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62-Sm-131

MAT 6186

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

62-Sm-131

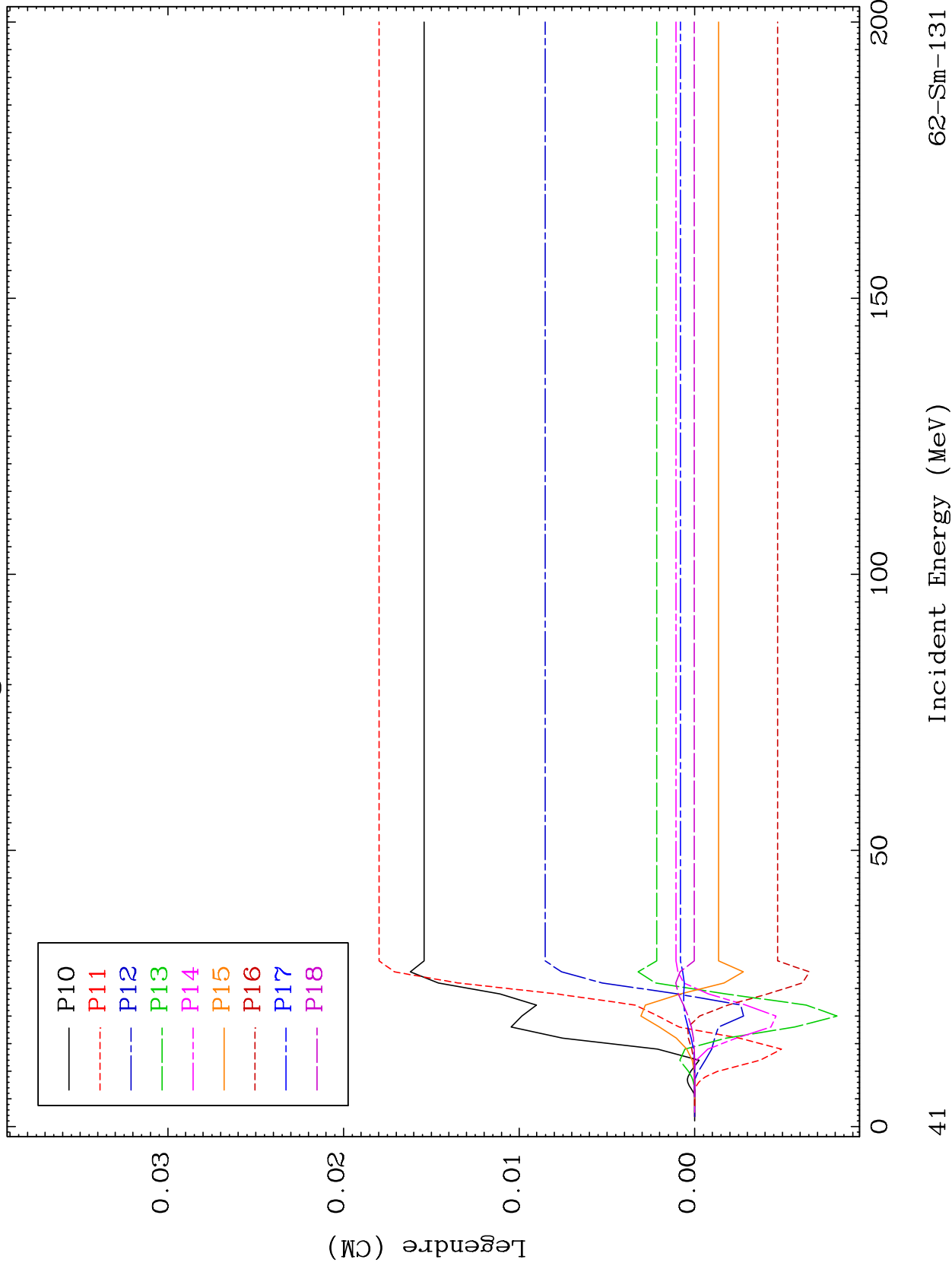


62-Sm-131

MAT 6186

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

62-Sm-131



41

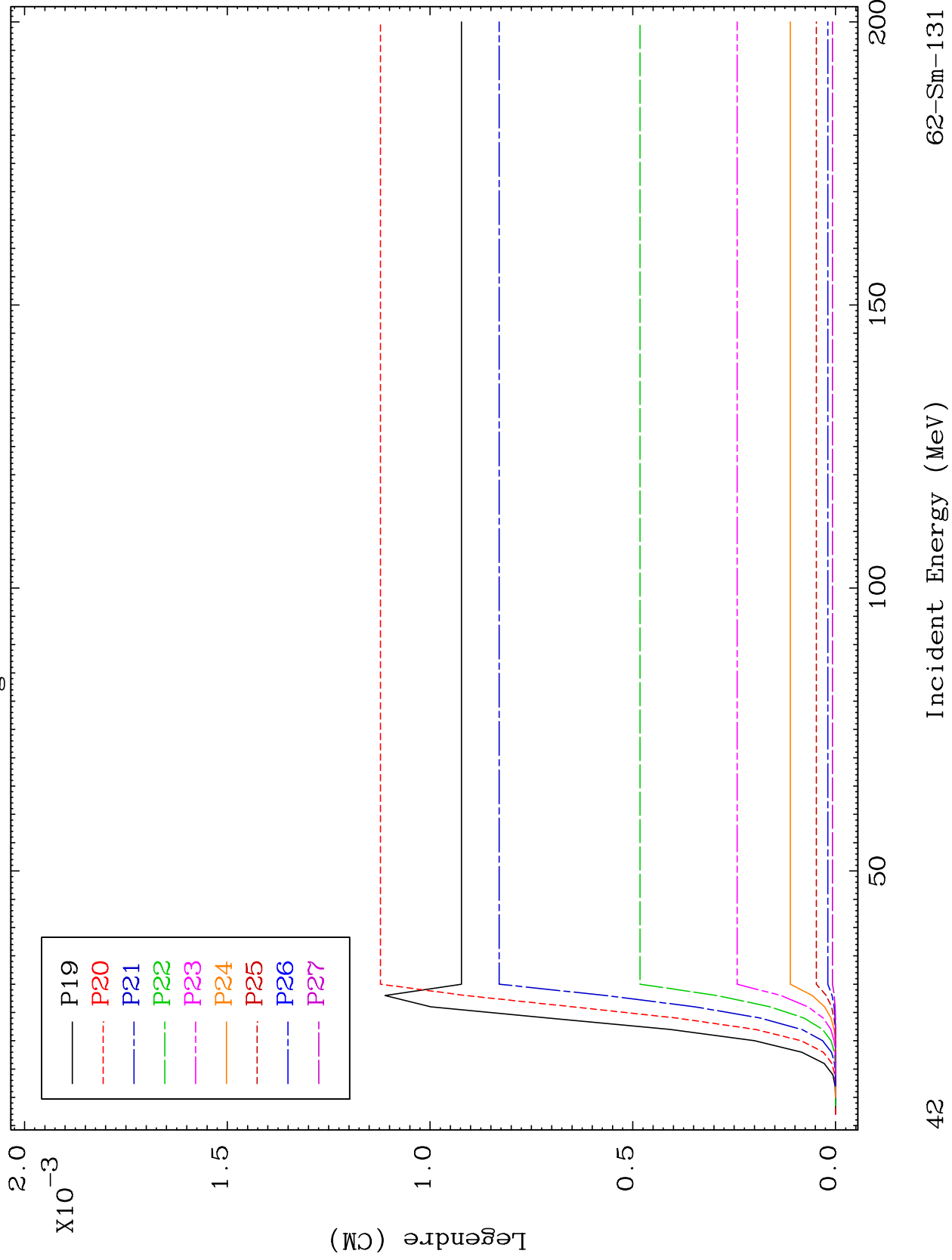
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

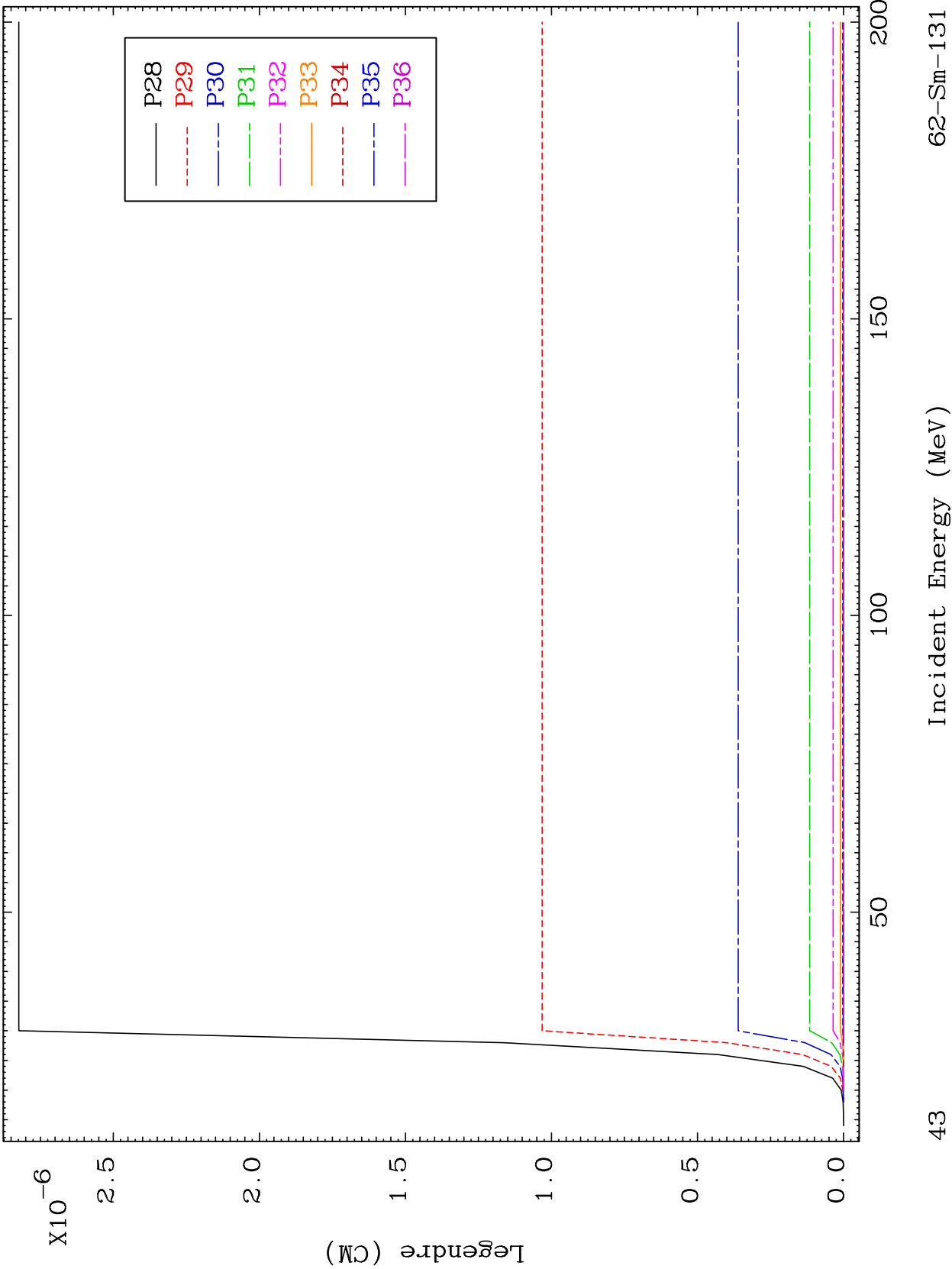
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MAT 6186

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

62-Sm-131



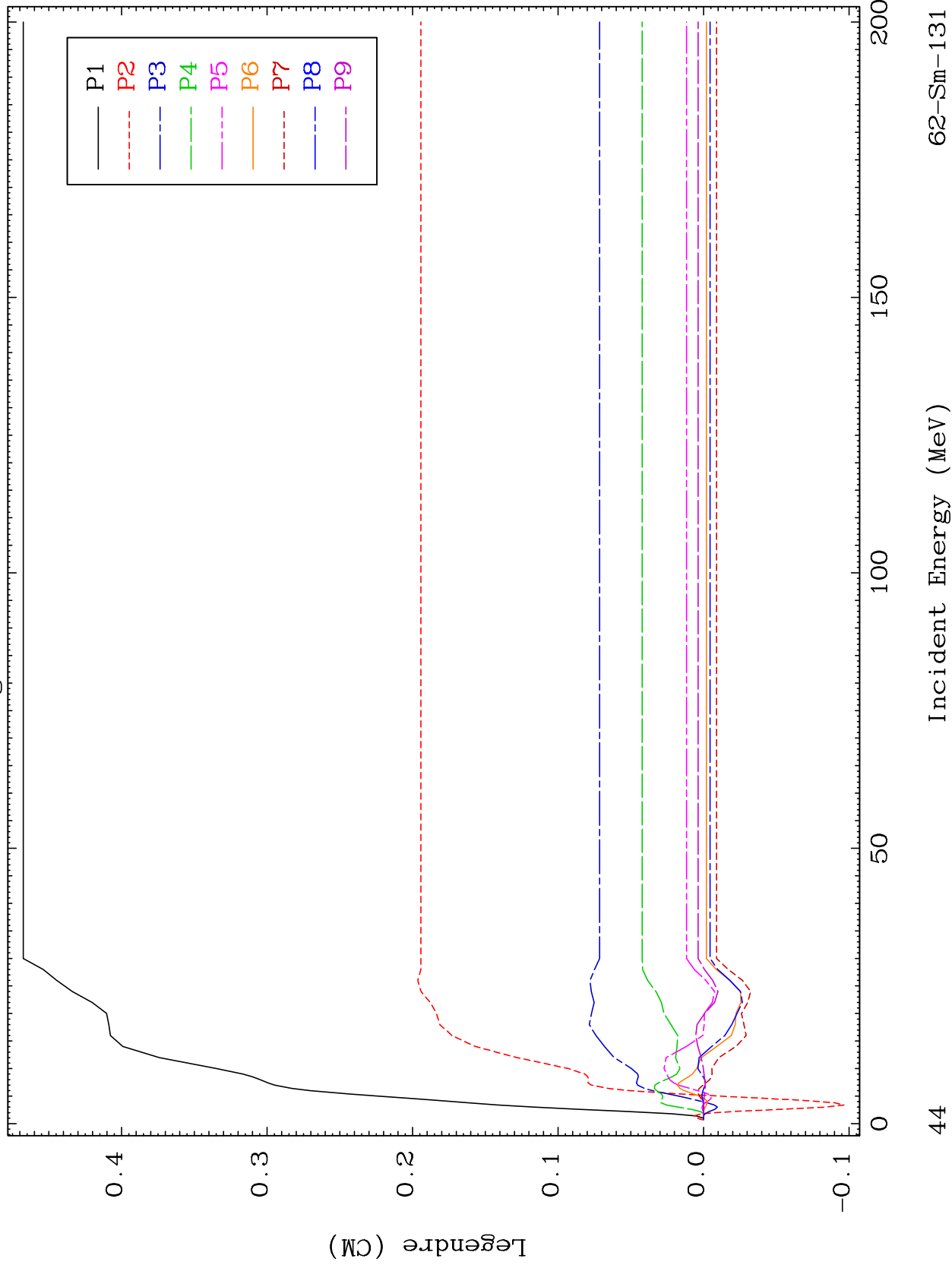
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62-Sm-131

MAT 6186

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

62-Sm-131



62-Sm-131

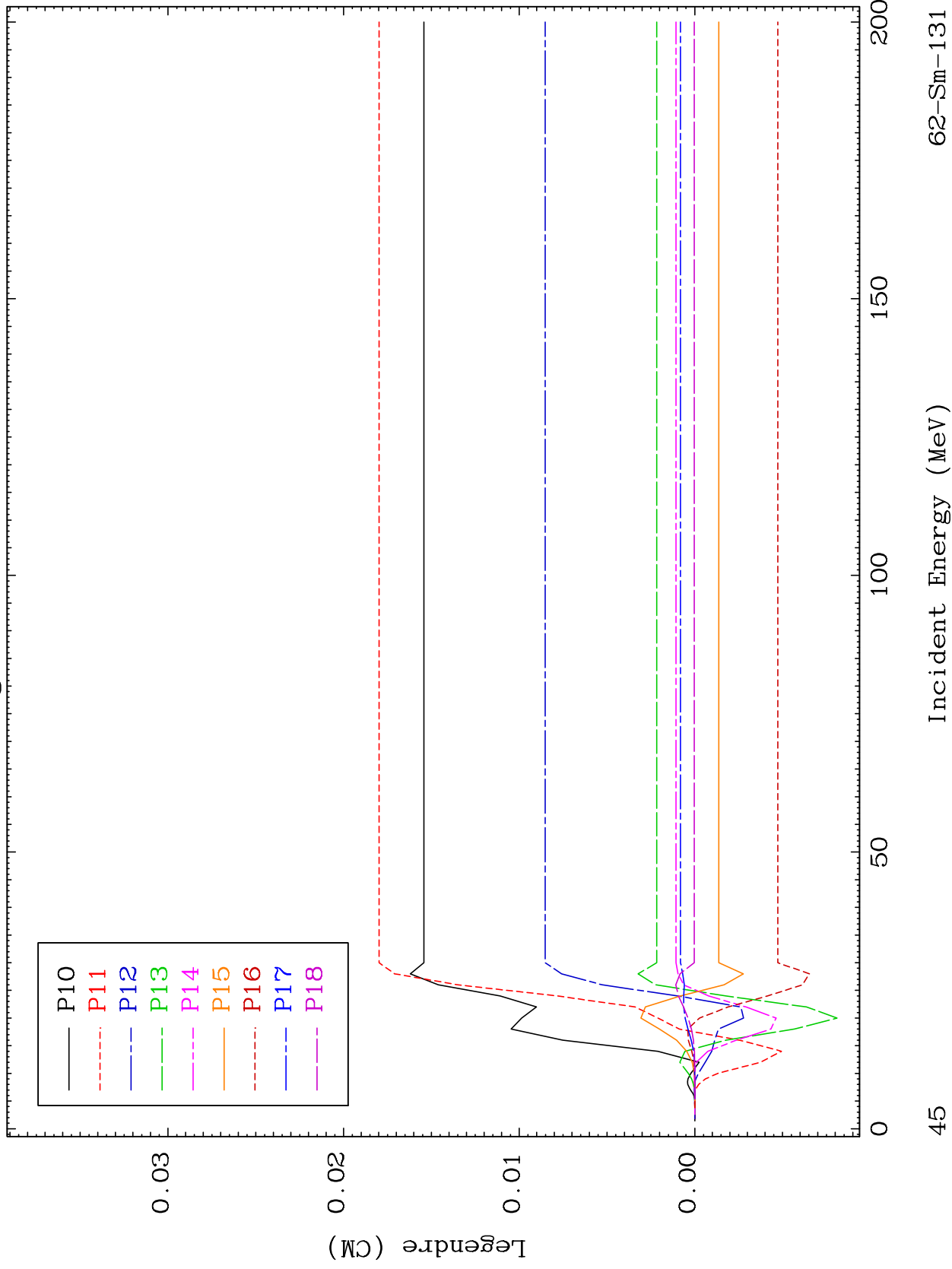
Incident Energy (MeV)

44

MAT 6186

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

62-Sm-131



62-Sm-131

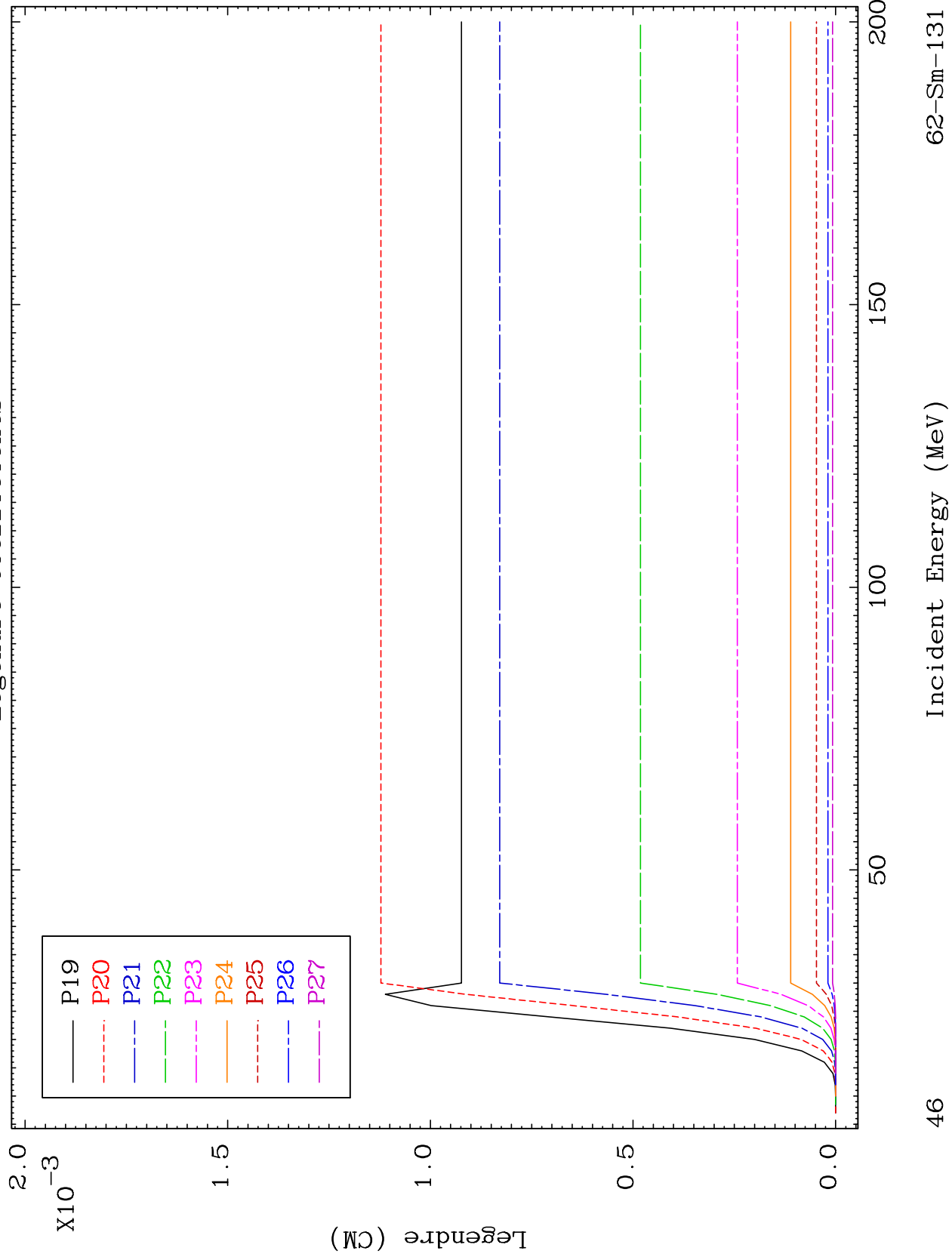
Incident Energy (MeV)

45

MAT 6186

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

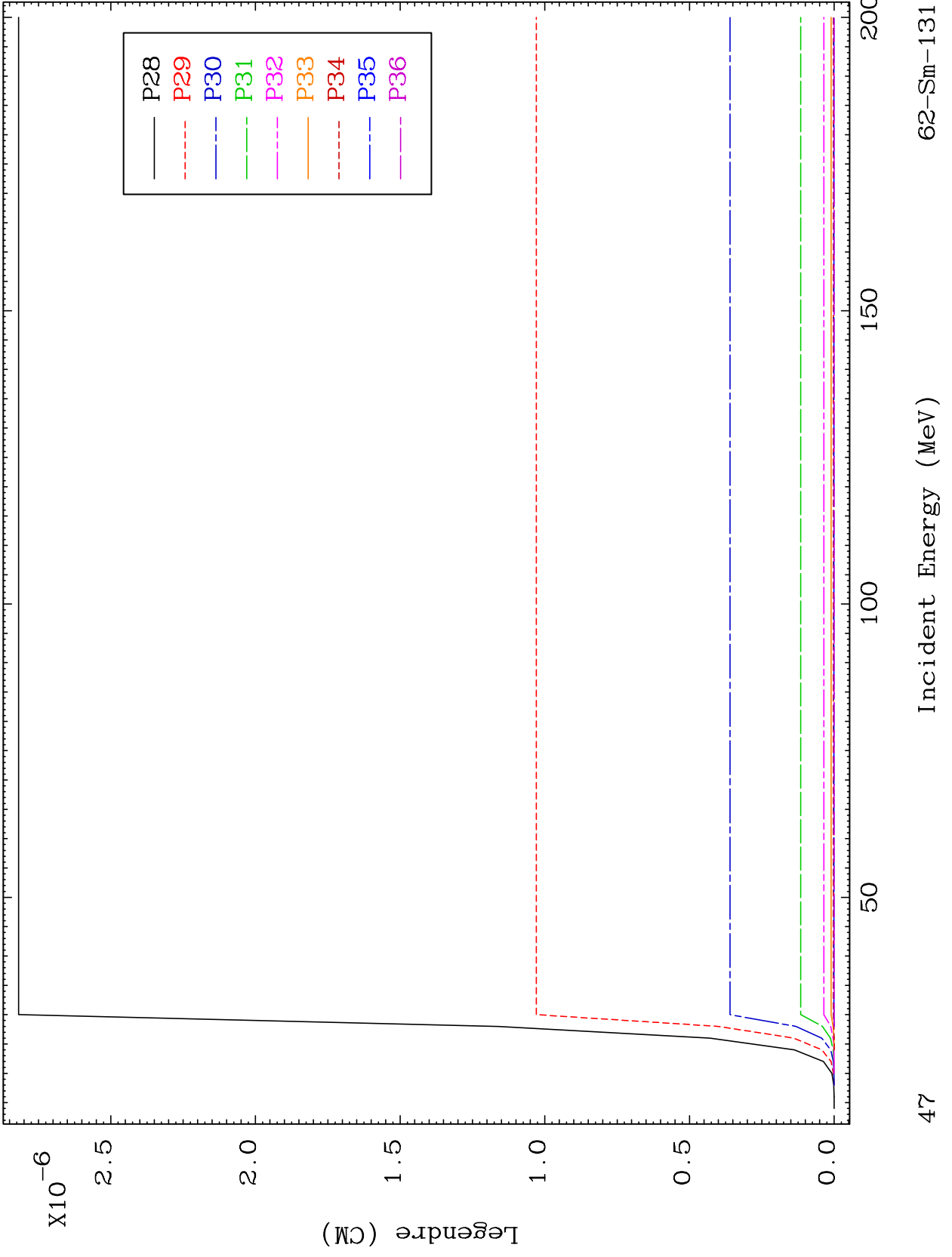
62-Sm-131



MAT 6186

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

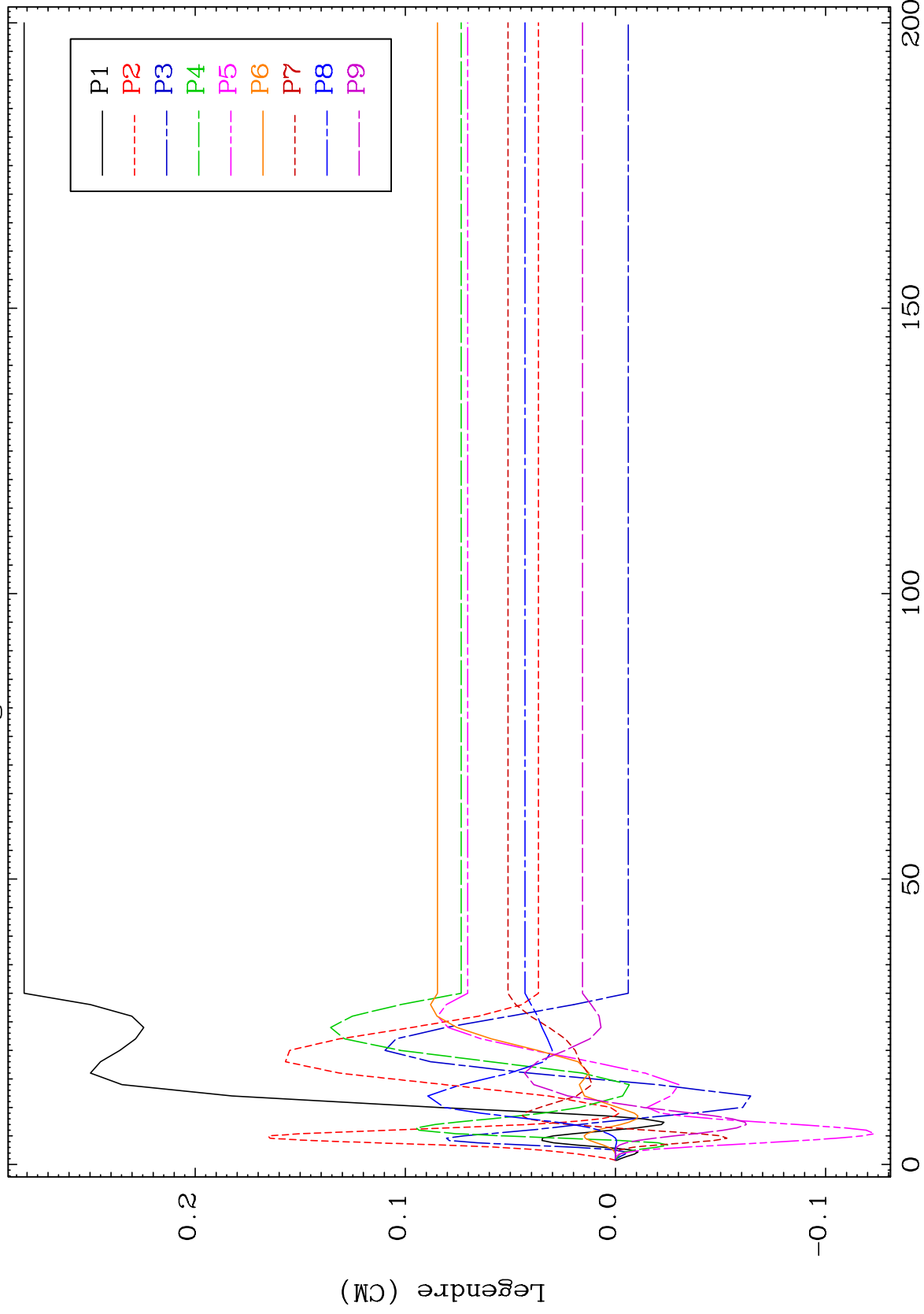
62-Sm-131



MAT 6186

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

62-Sm-131



48

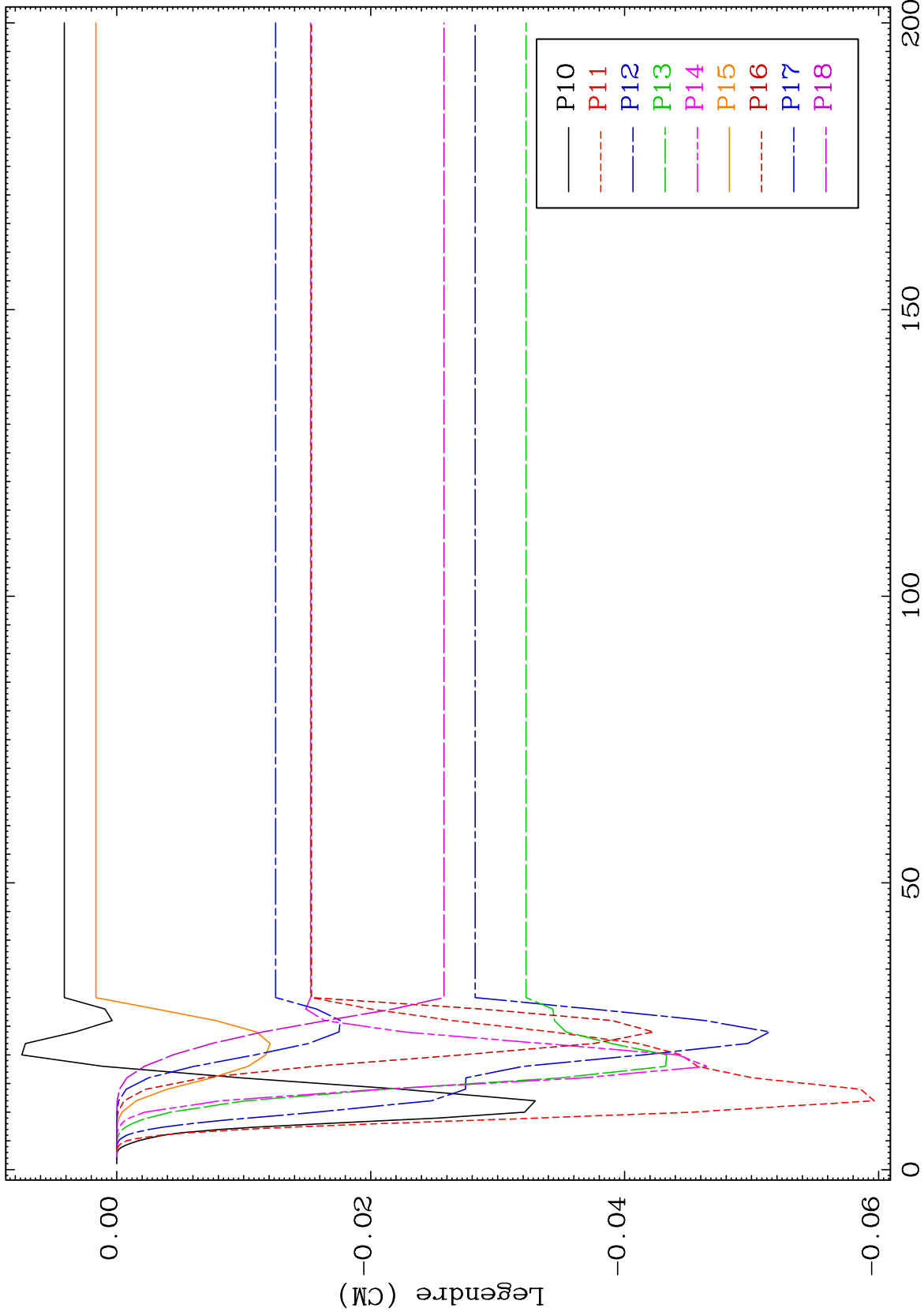
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

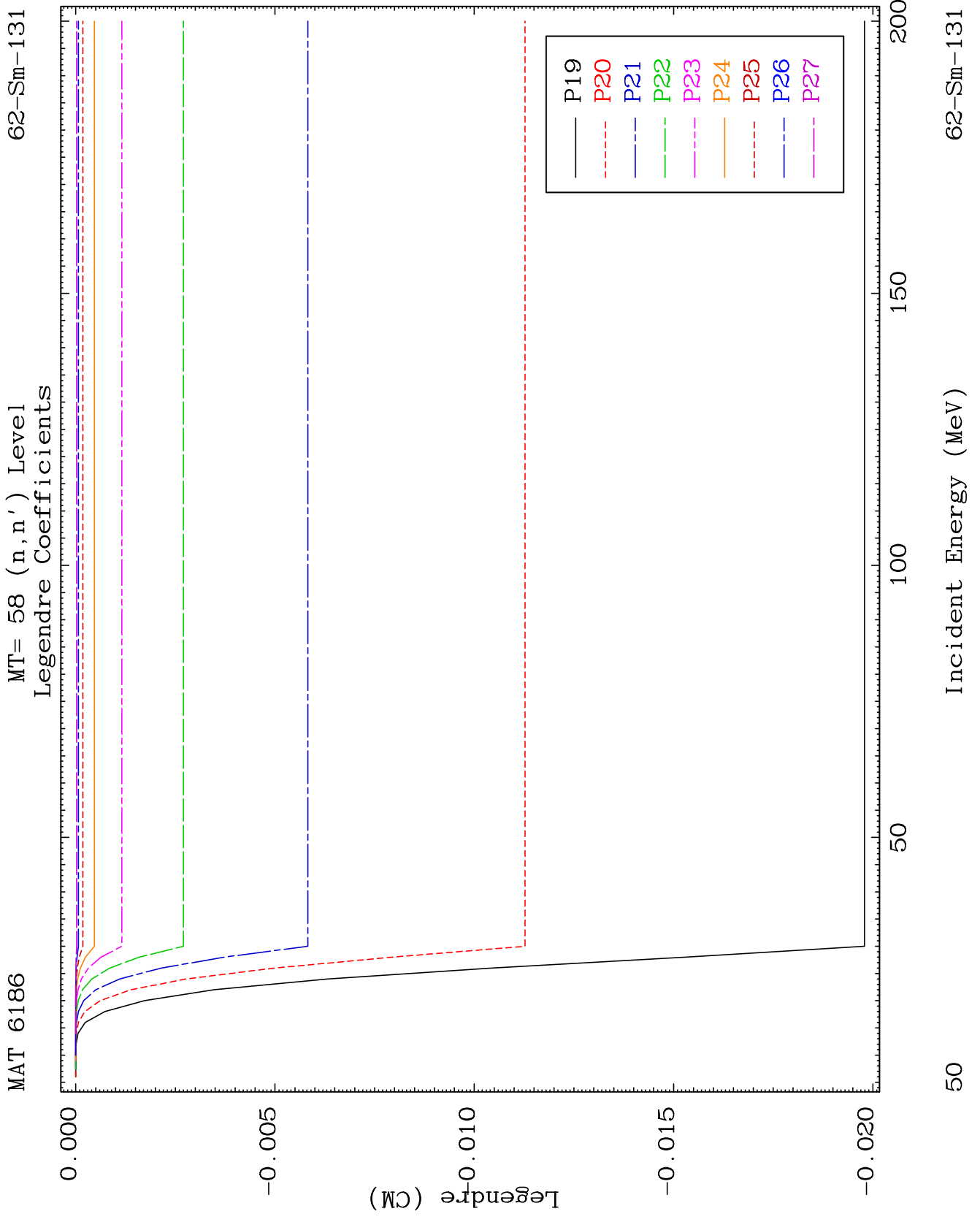
62-Sm-131



49

Incident Energy (MeV)

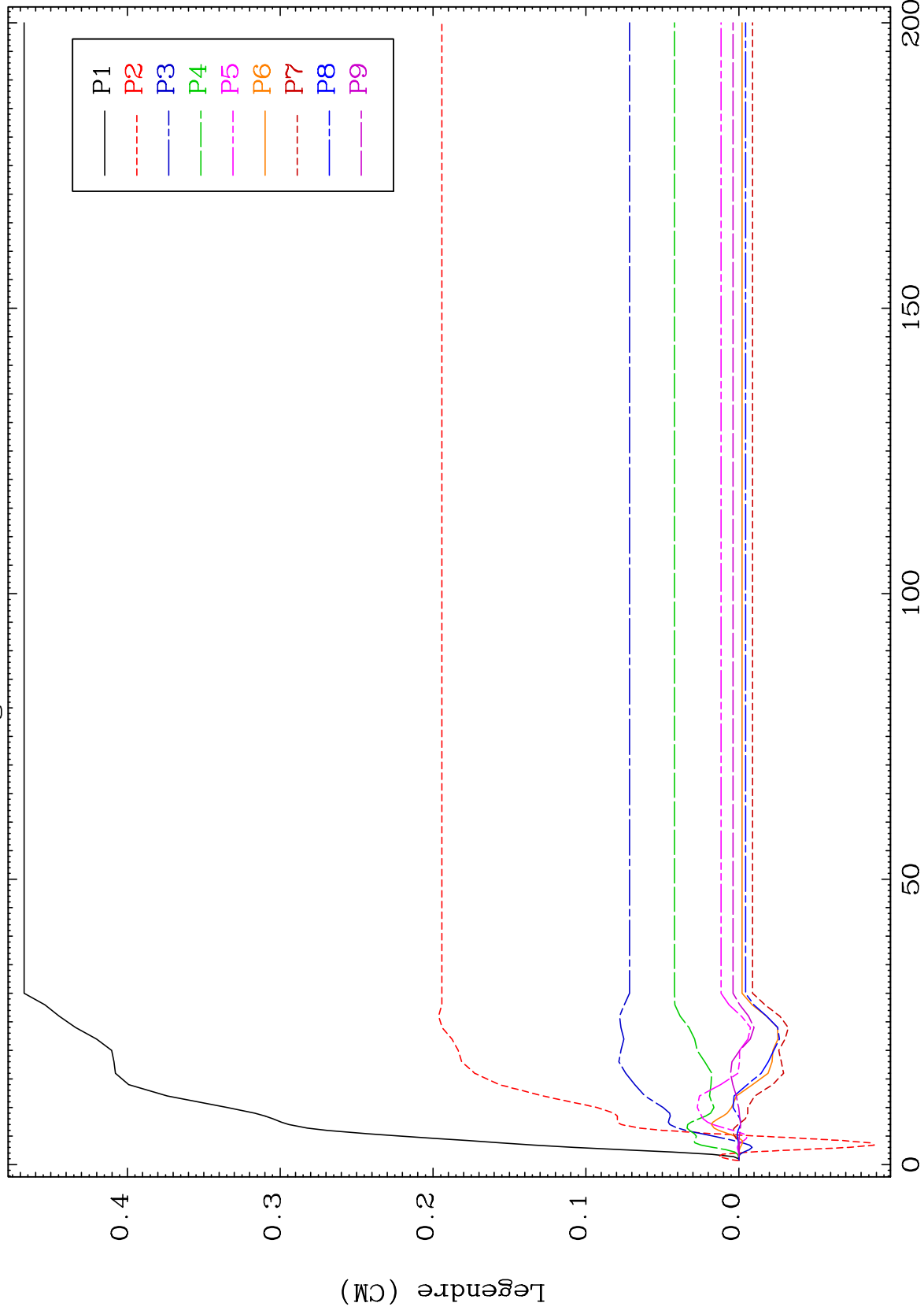
62-Sm-131



MAT 6186

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

62-Sm-131



52

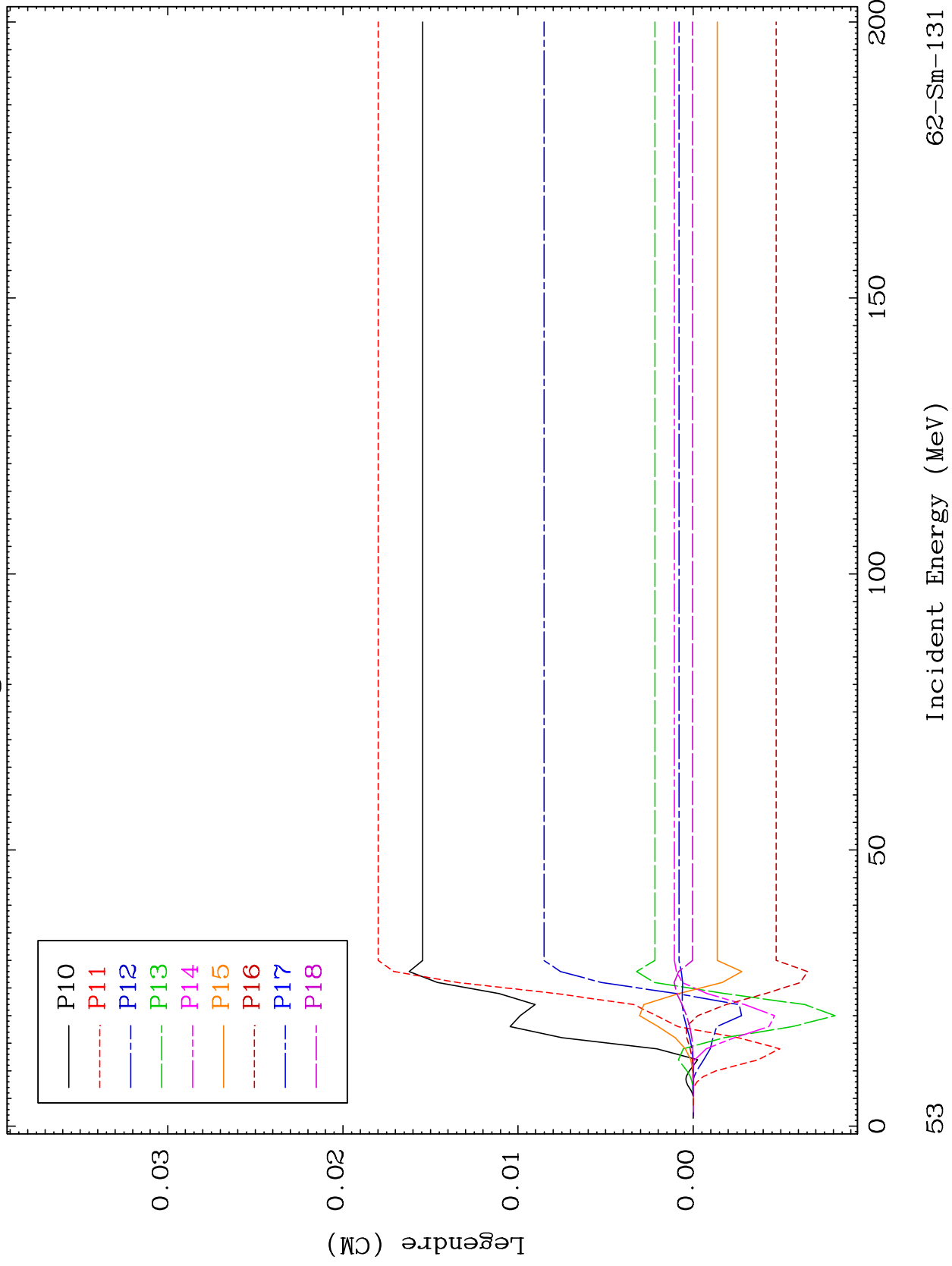
Incident Energy (MeV)

62-Sm-131

MAT 6186

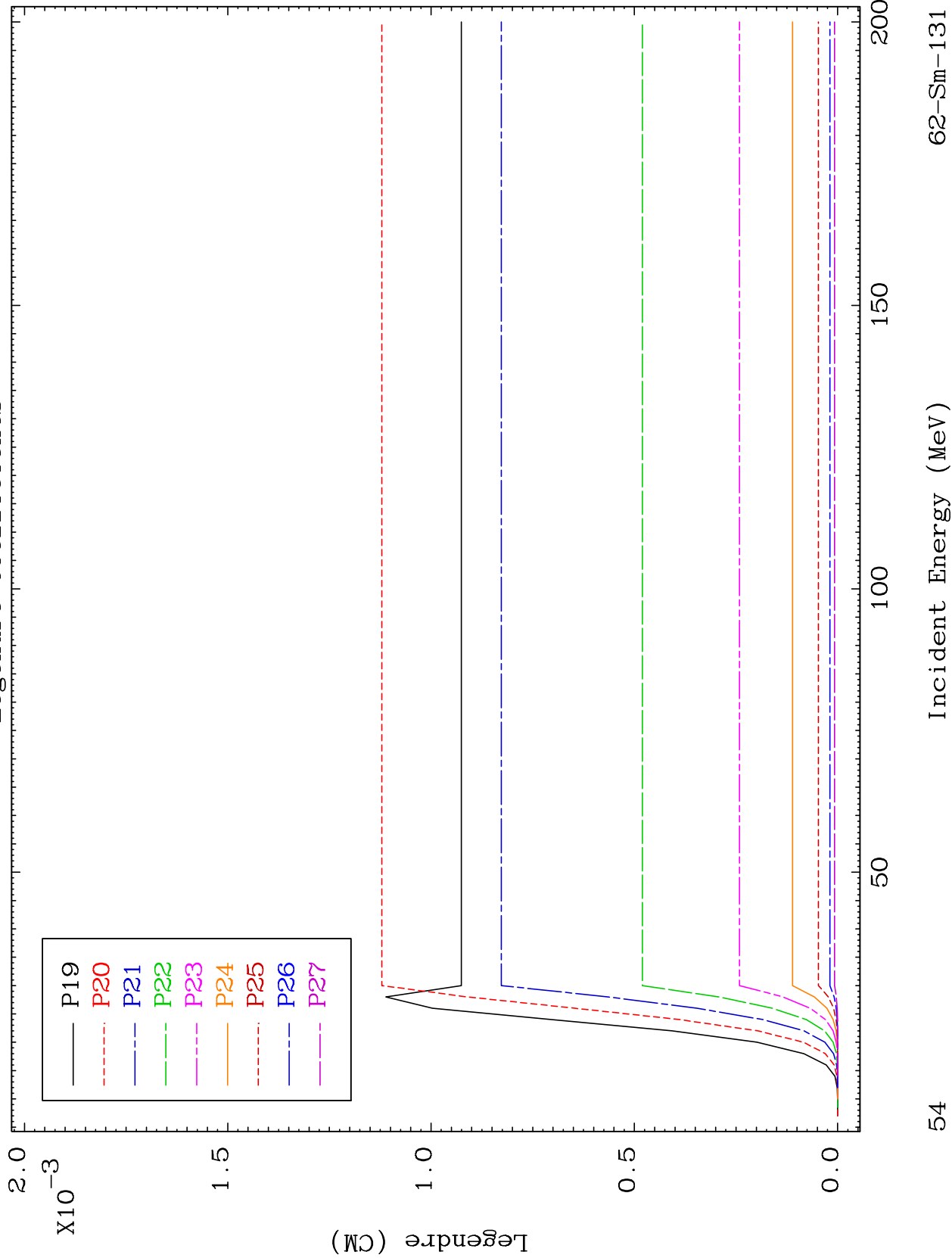
MT= 59 (n,n') Level
Legendre Coefficients

62-Sm-131



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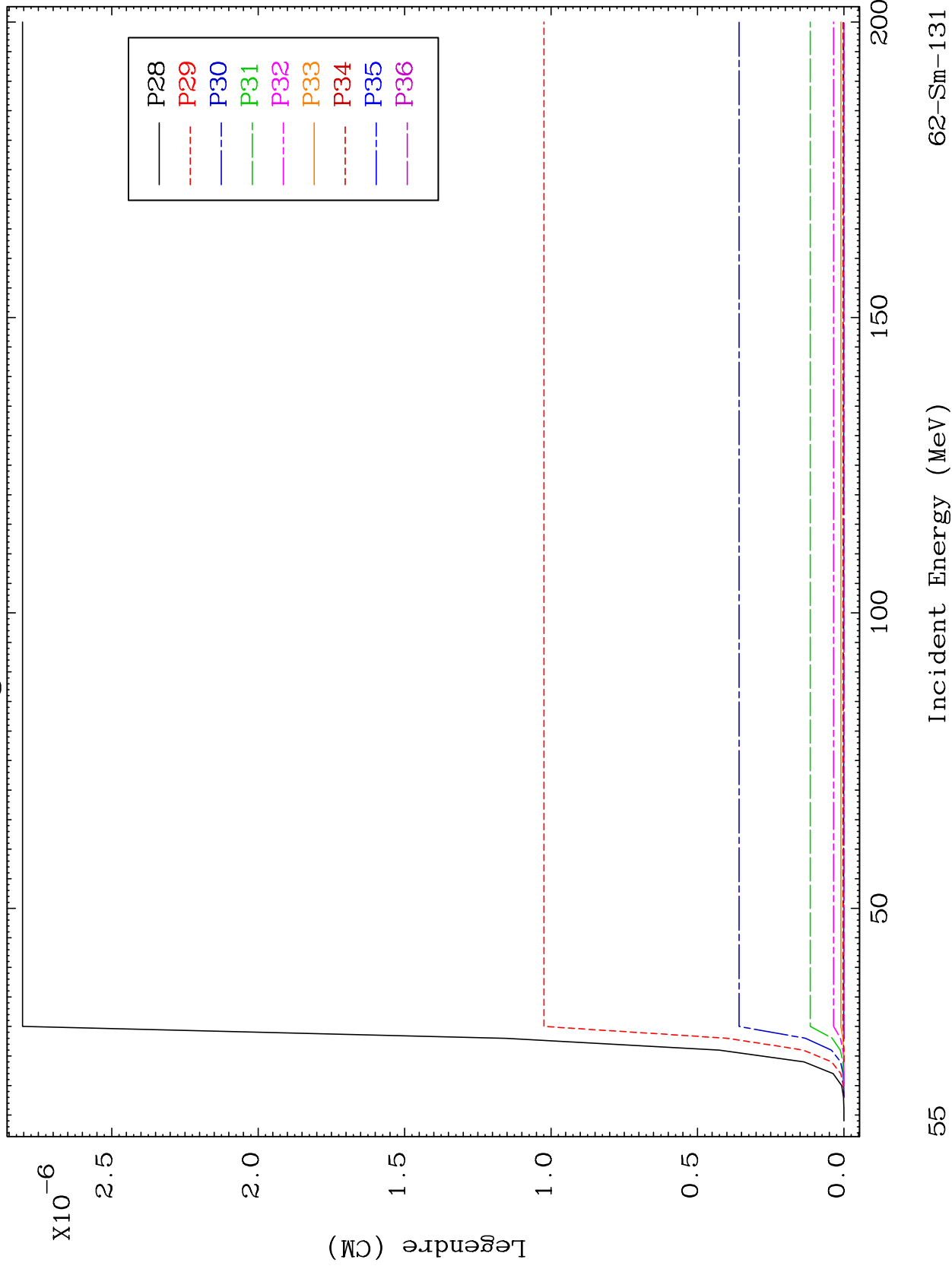
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MAT 6186

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

62-Sm-131



55

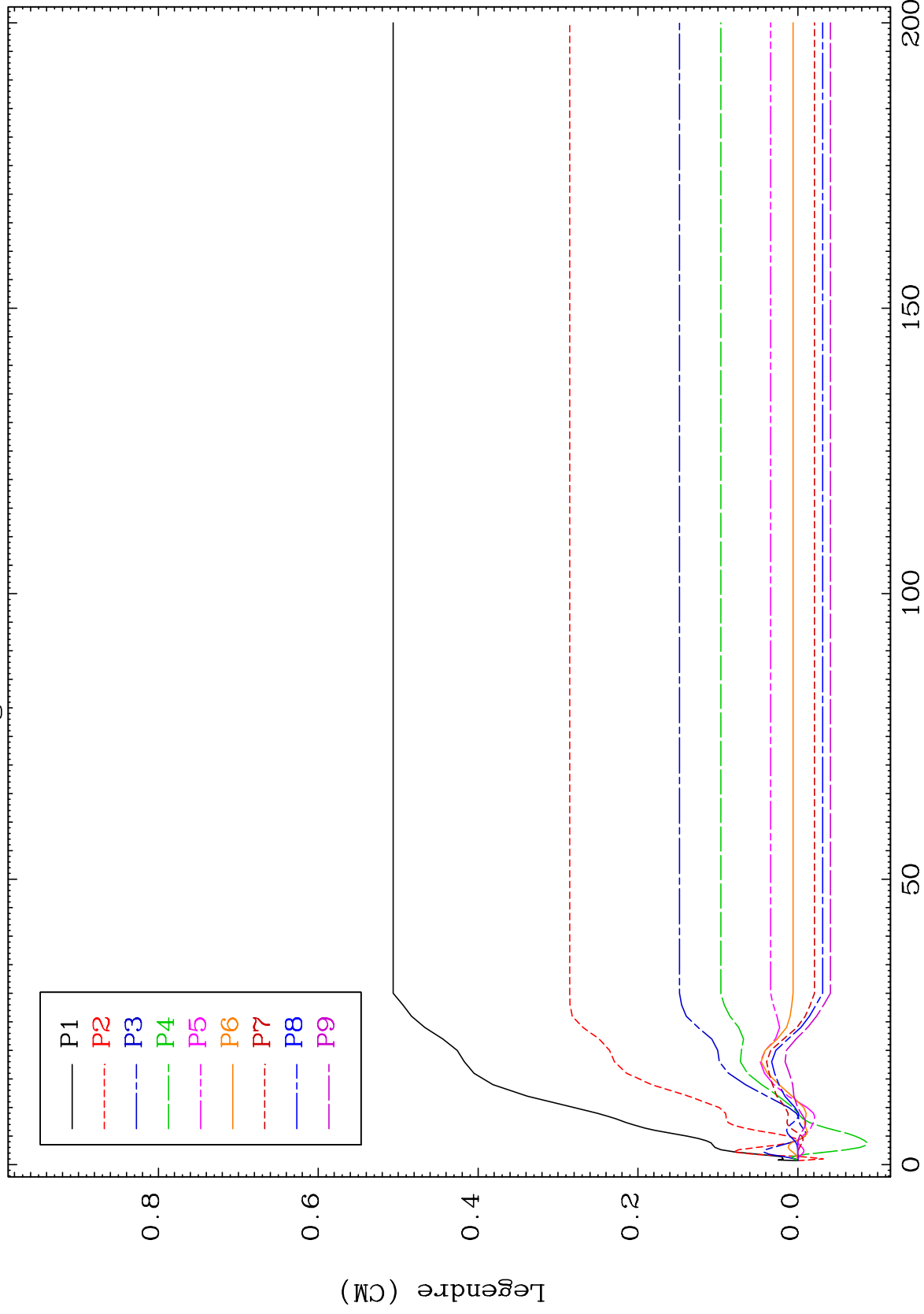
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

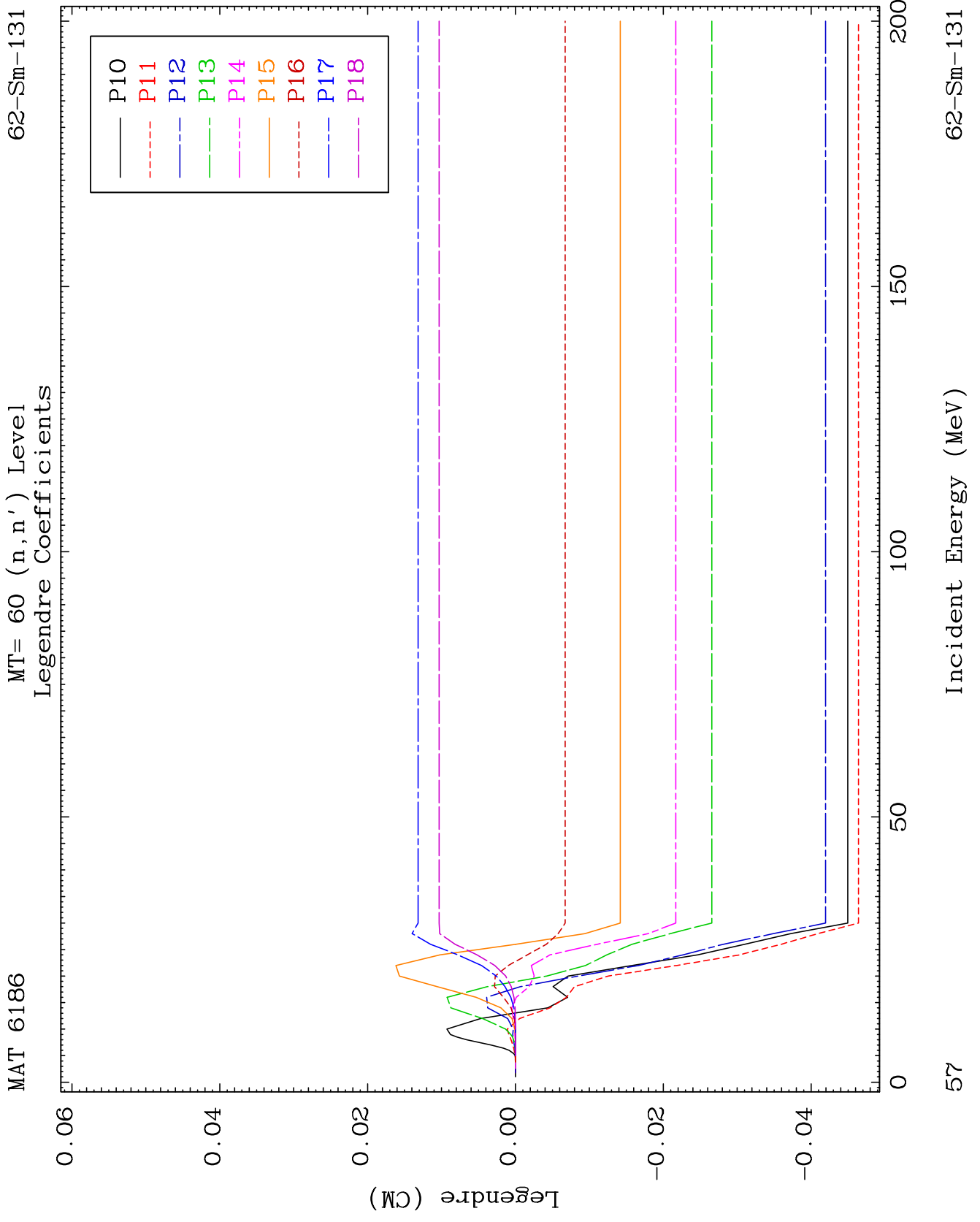
62-Sm-131



56

Incident Energy (MeV)

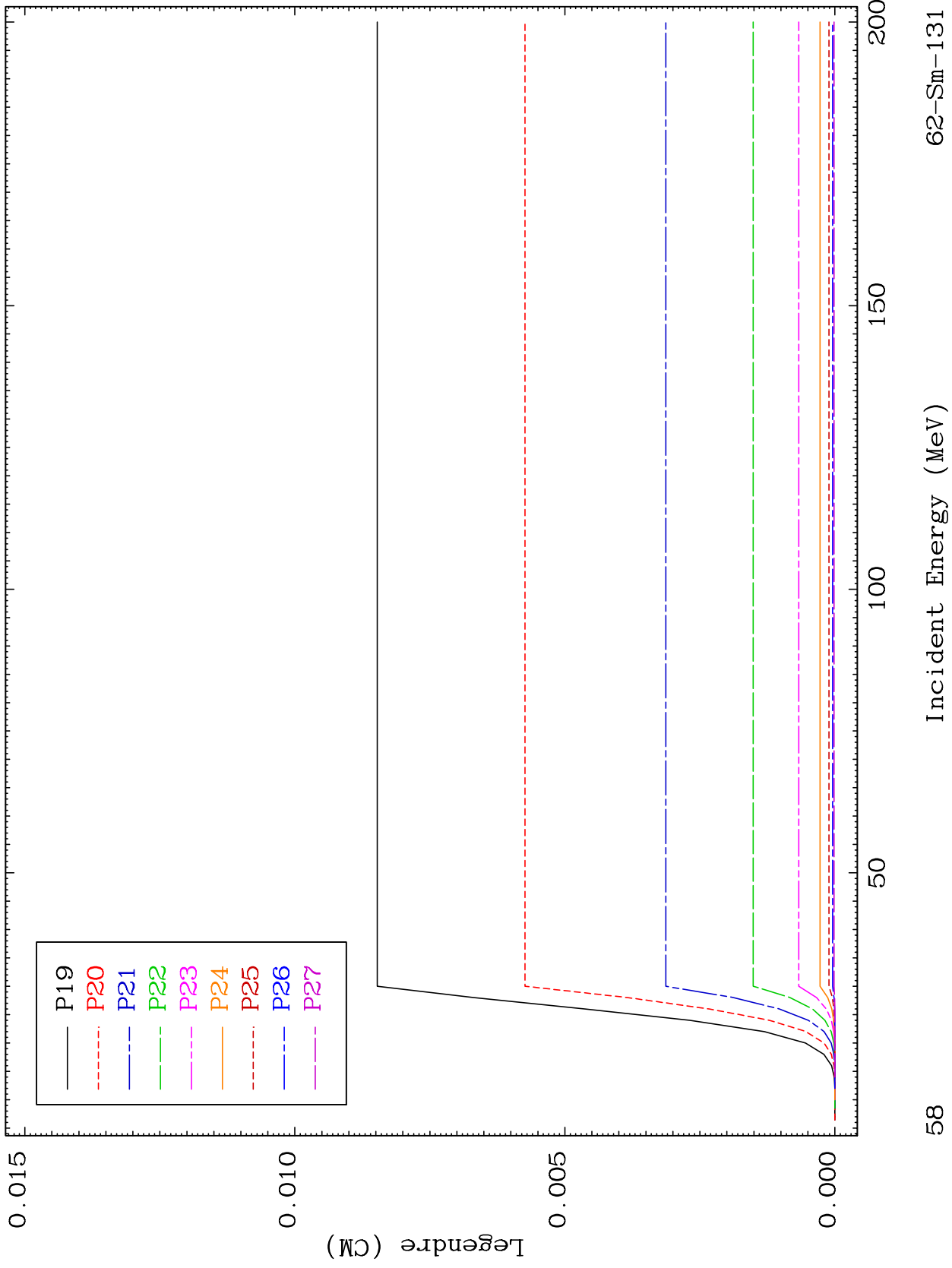
62-Sm-131



MAT 6186

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

62-Sm-131



58

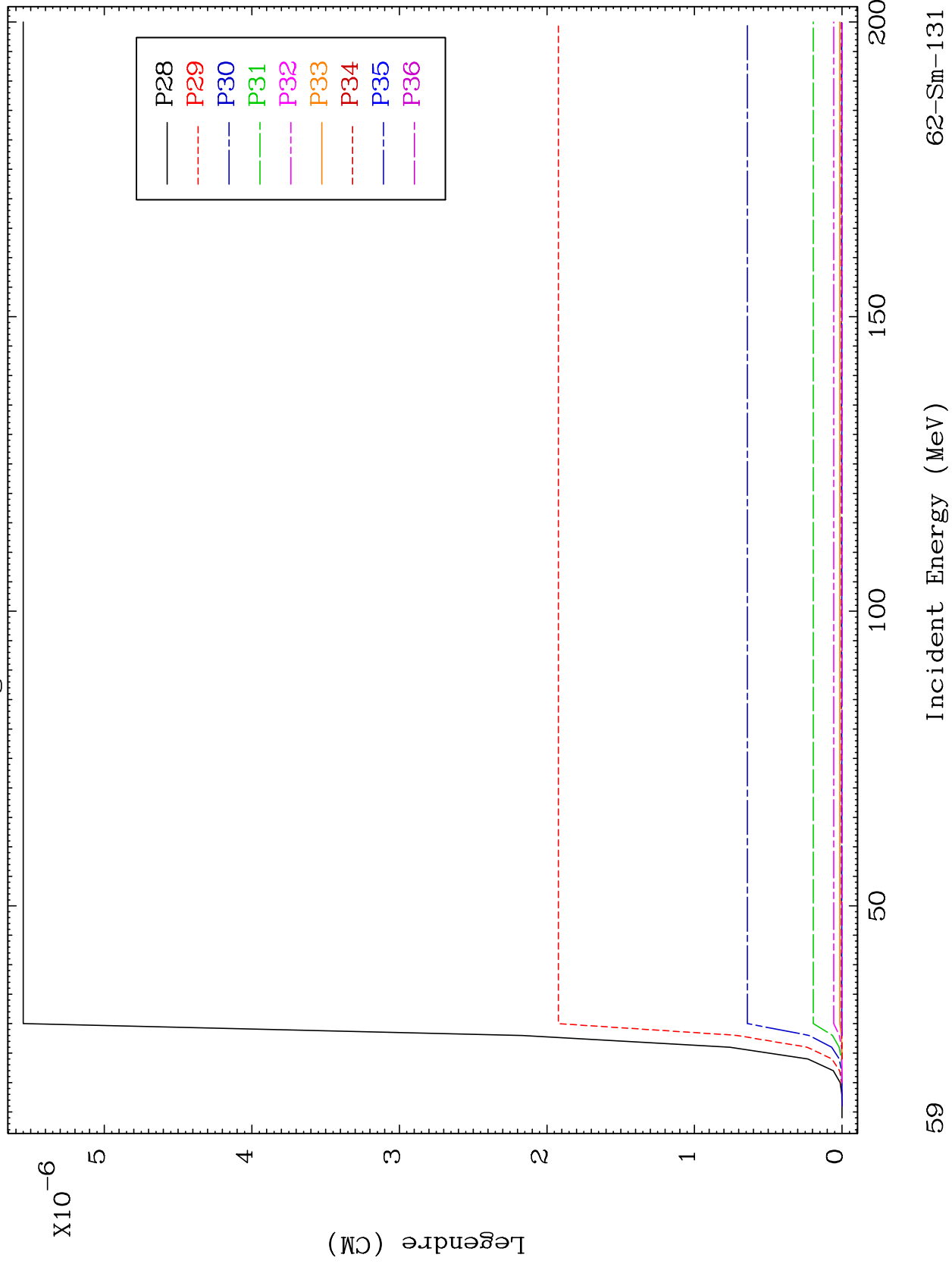
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



59

Incident Energy (MeV)

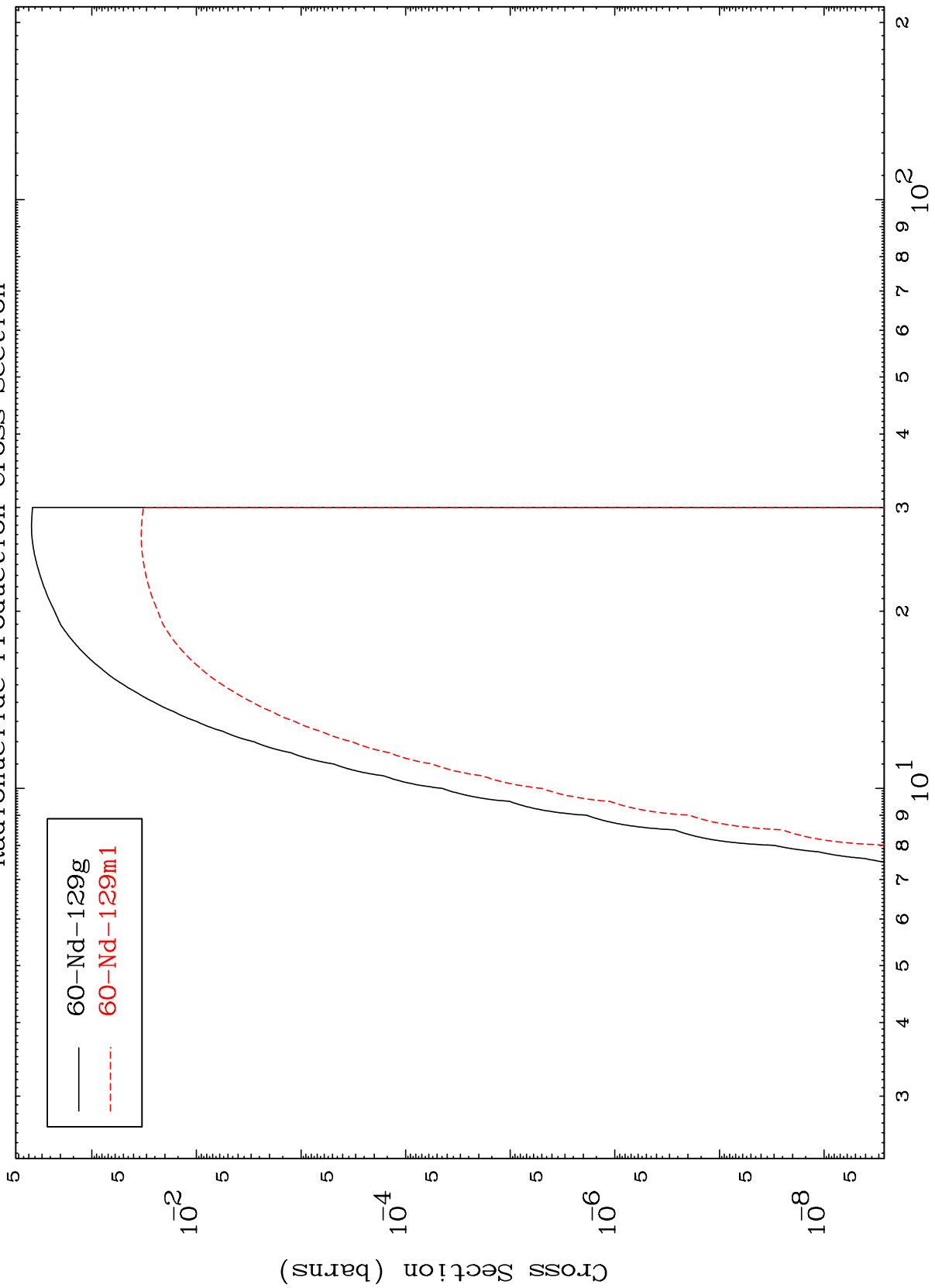
62-Sm-131

MAT 6186

(n,2n) p

62-Sm-131

Radionuclide Production Cross Section



60

Incident Energy (MeV)

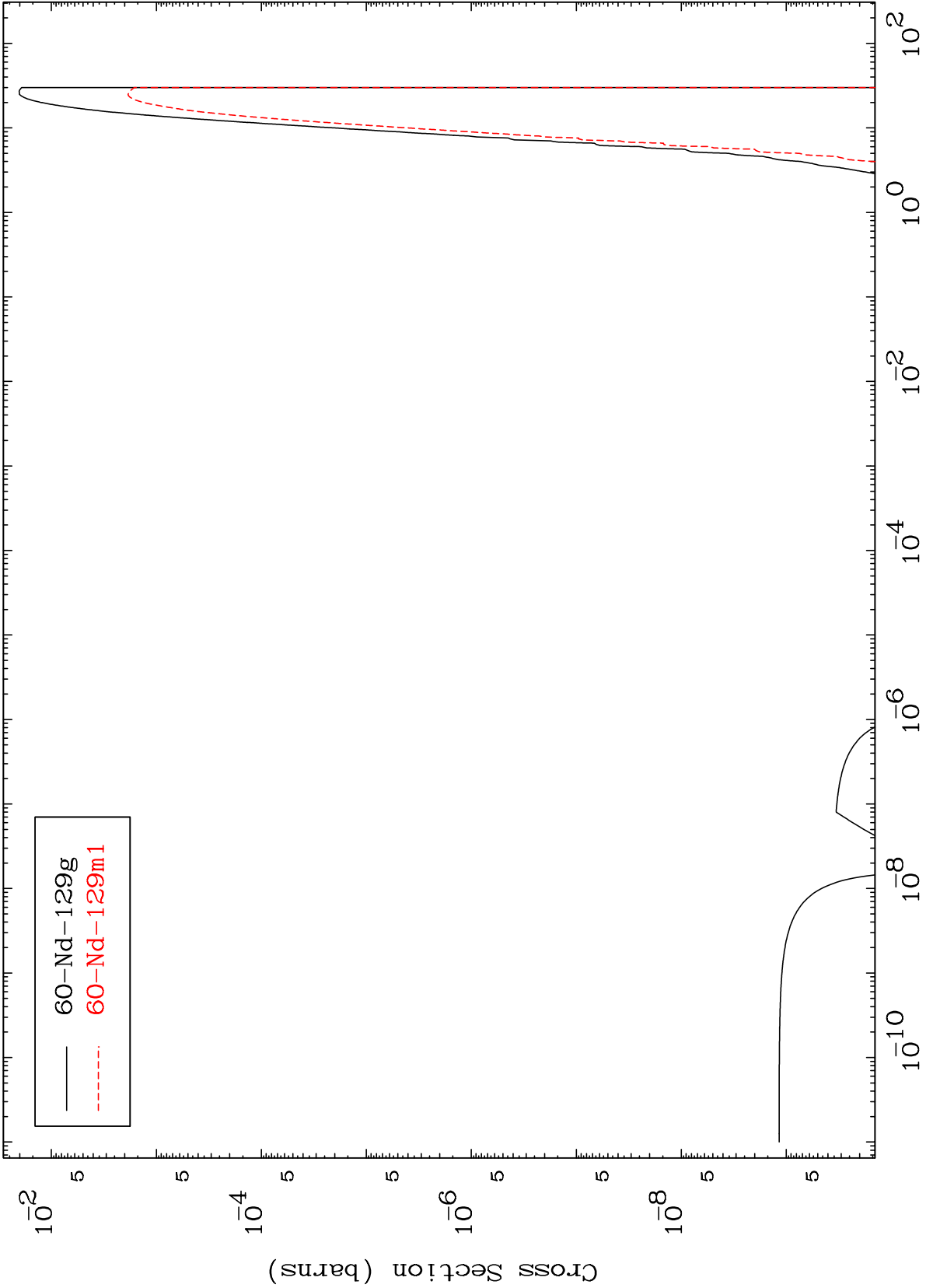
62-Sm-131

MAT 6186

(n,He-3)

62-Sm-131

Radionuclide Production Cross Section



61

Incident Energy (MeV)

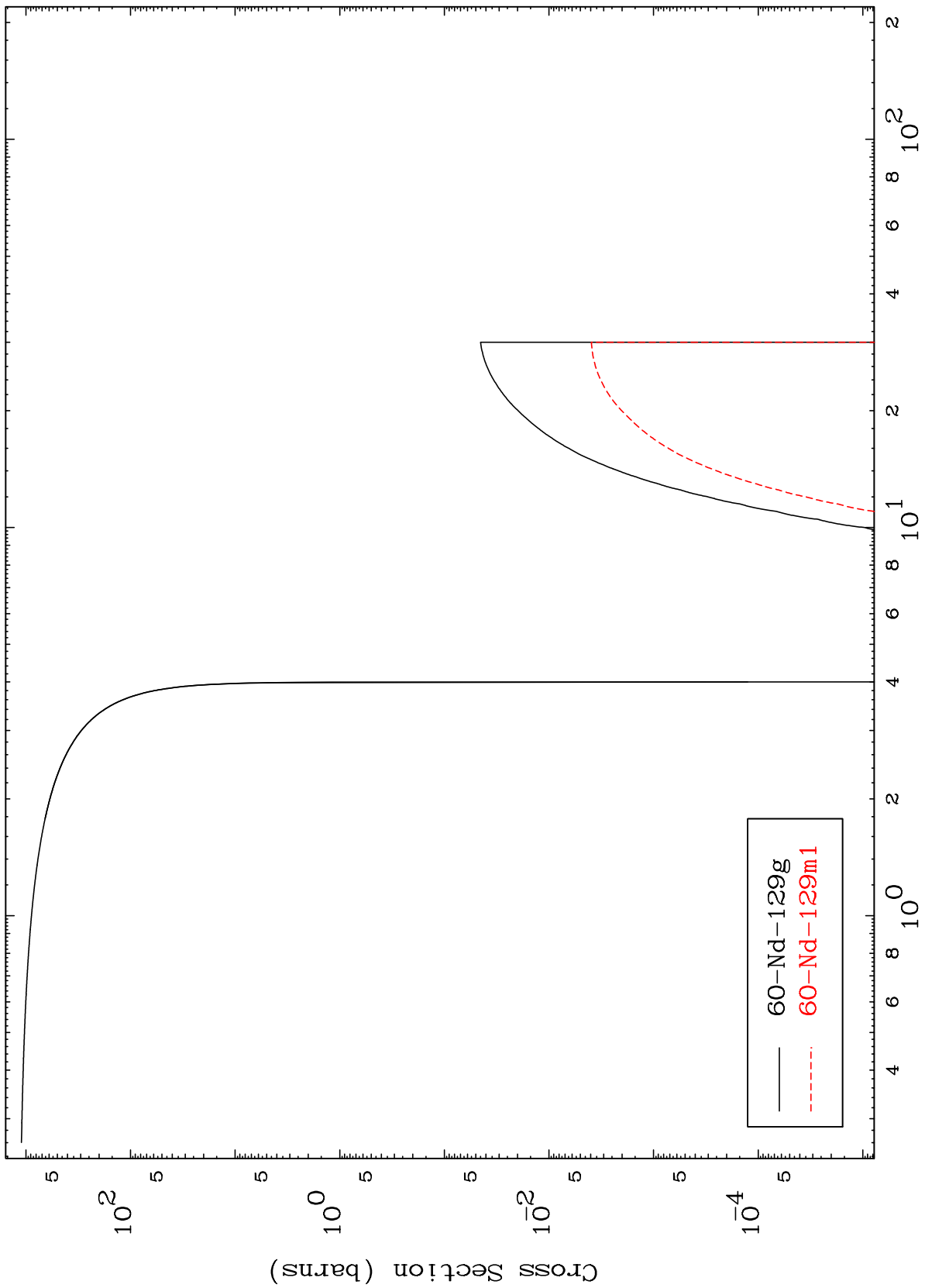
62-Sm-131

MAT 6186

(n,p) d

62-Sm-131

Radionuclide Production Cross Section



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

62

62-Sm-131