

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

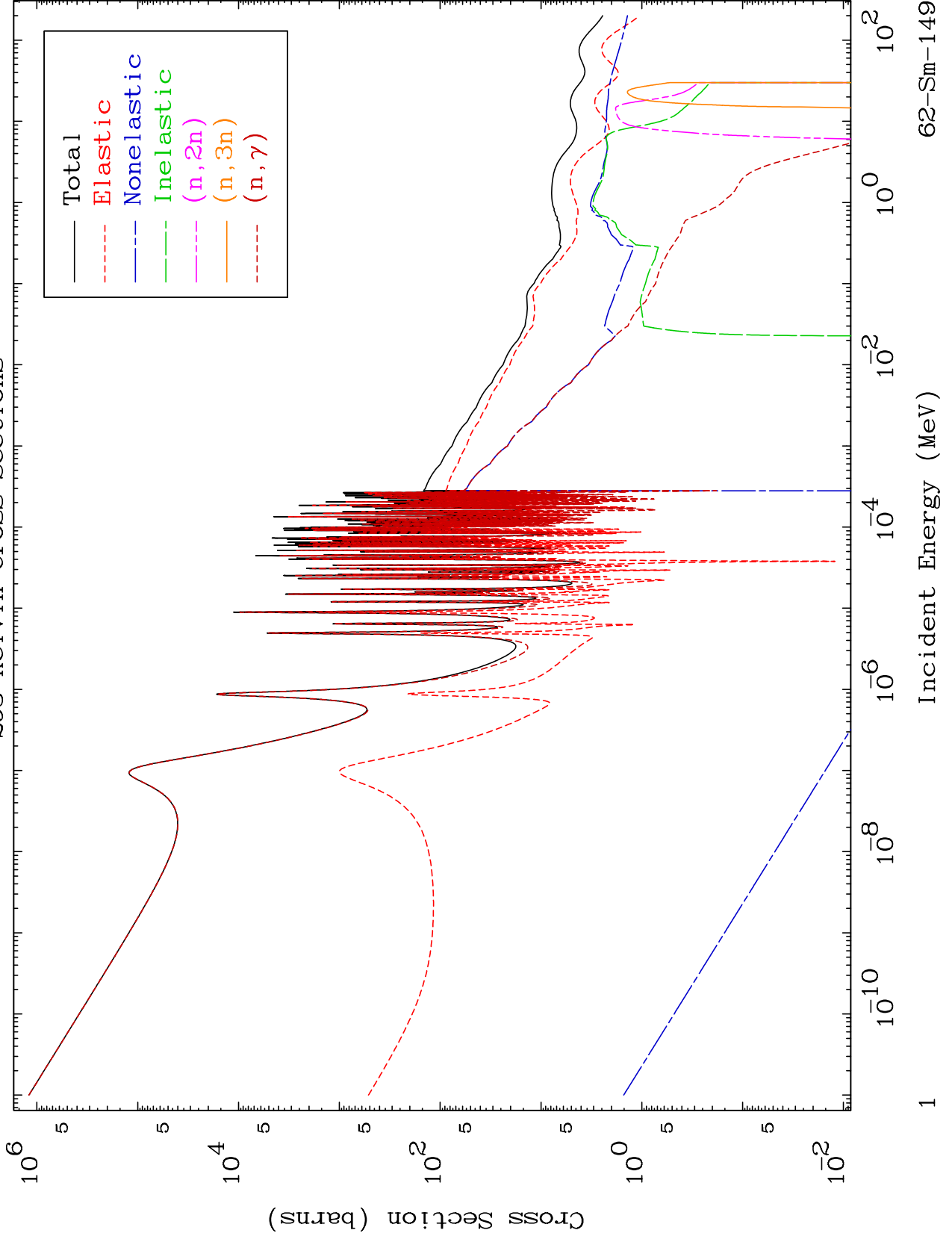
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6240

Neutron Major
293 Kelvin Cross Sections

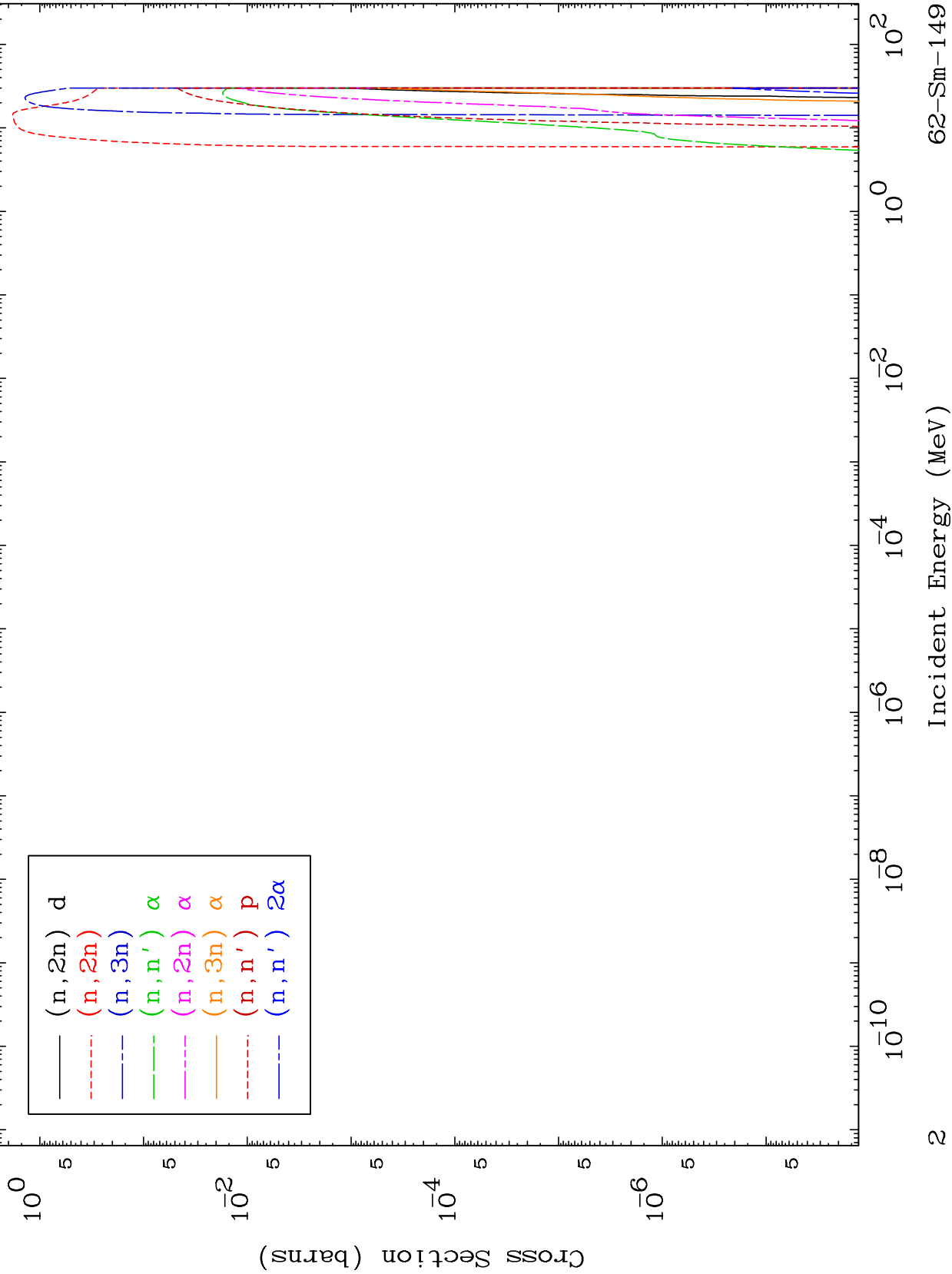
62-Sm-149



MAT 6240

Neutron Absorption
293 Kelvin Cross Sections

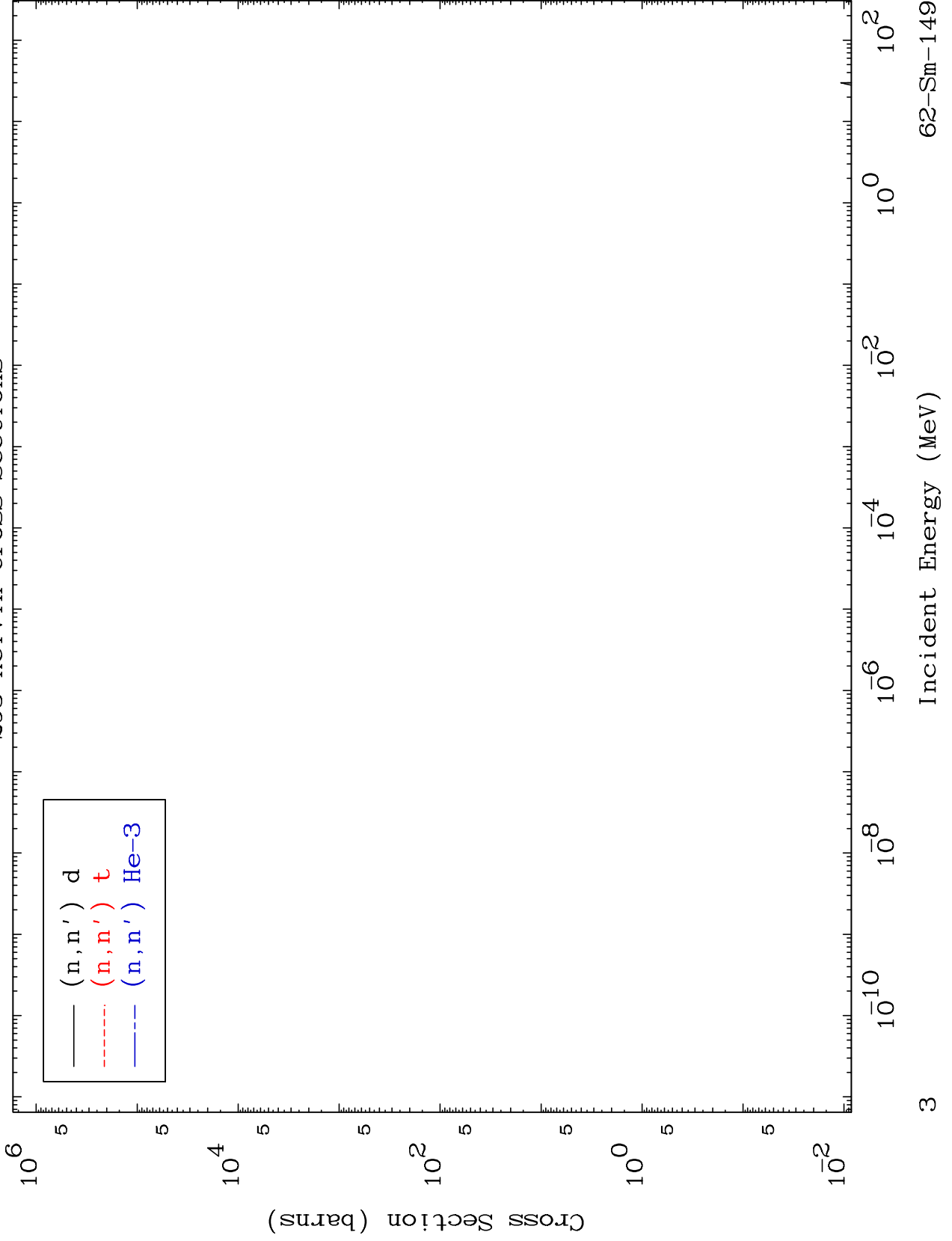
62-Sm-149



MAT 6240

Neutron Absorption
293 Kelvin Cross Sections

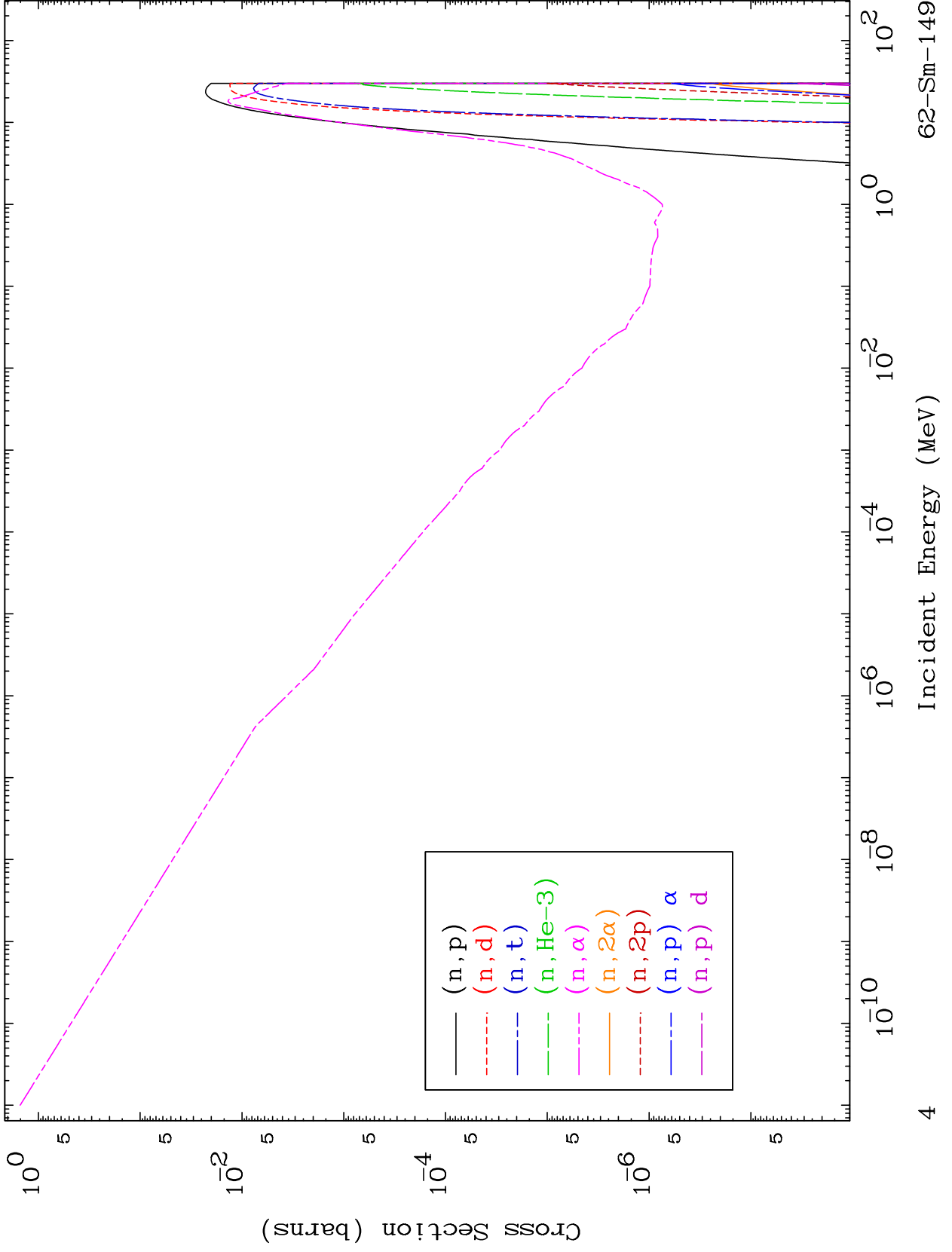
62-Sm-149



MAT 6240

Neutron Absorption
293 Kelvin Cross Sections

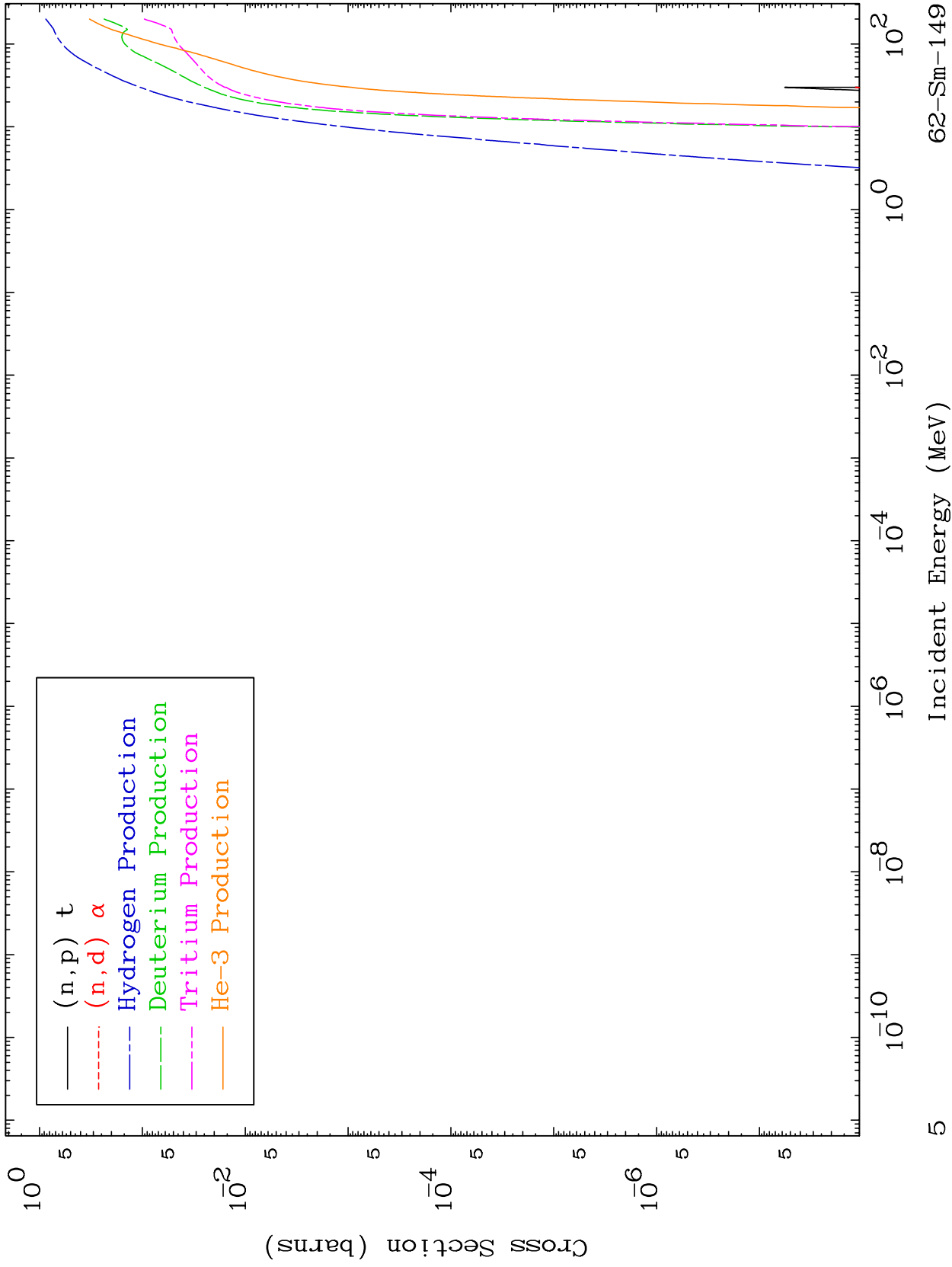
62-Sm-149



MAT 6240

Neutron Absorption
293 Kelvin Cross Sections

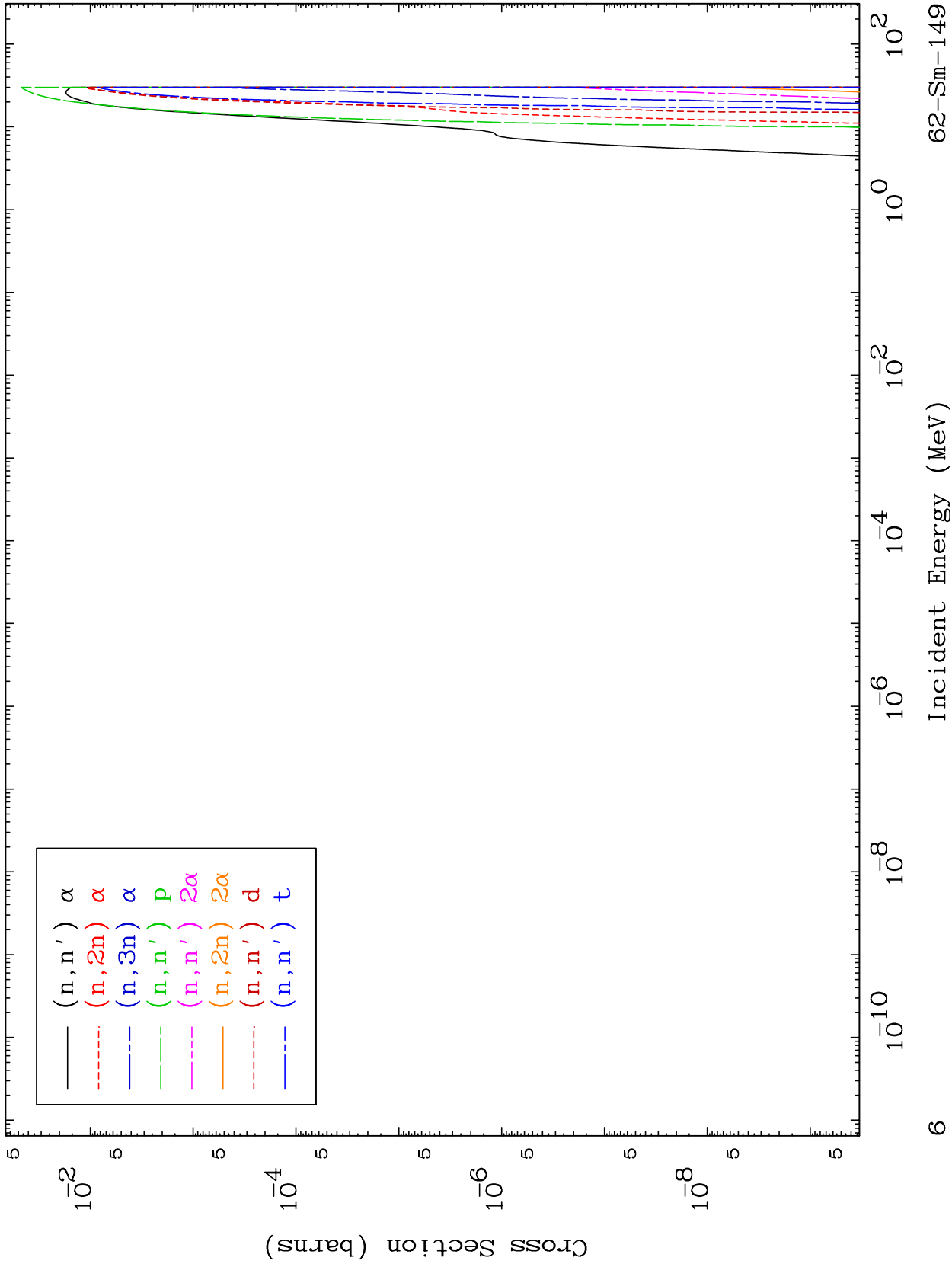
62-Sm-149



MAT 6240

Charged Particle
293 Kelvin Cross Sections

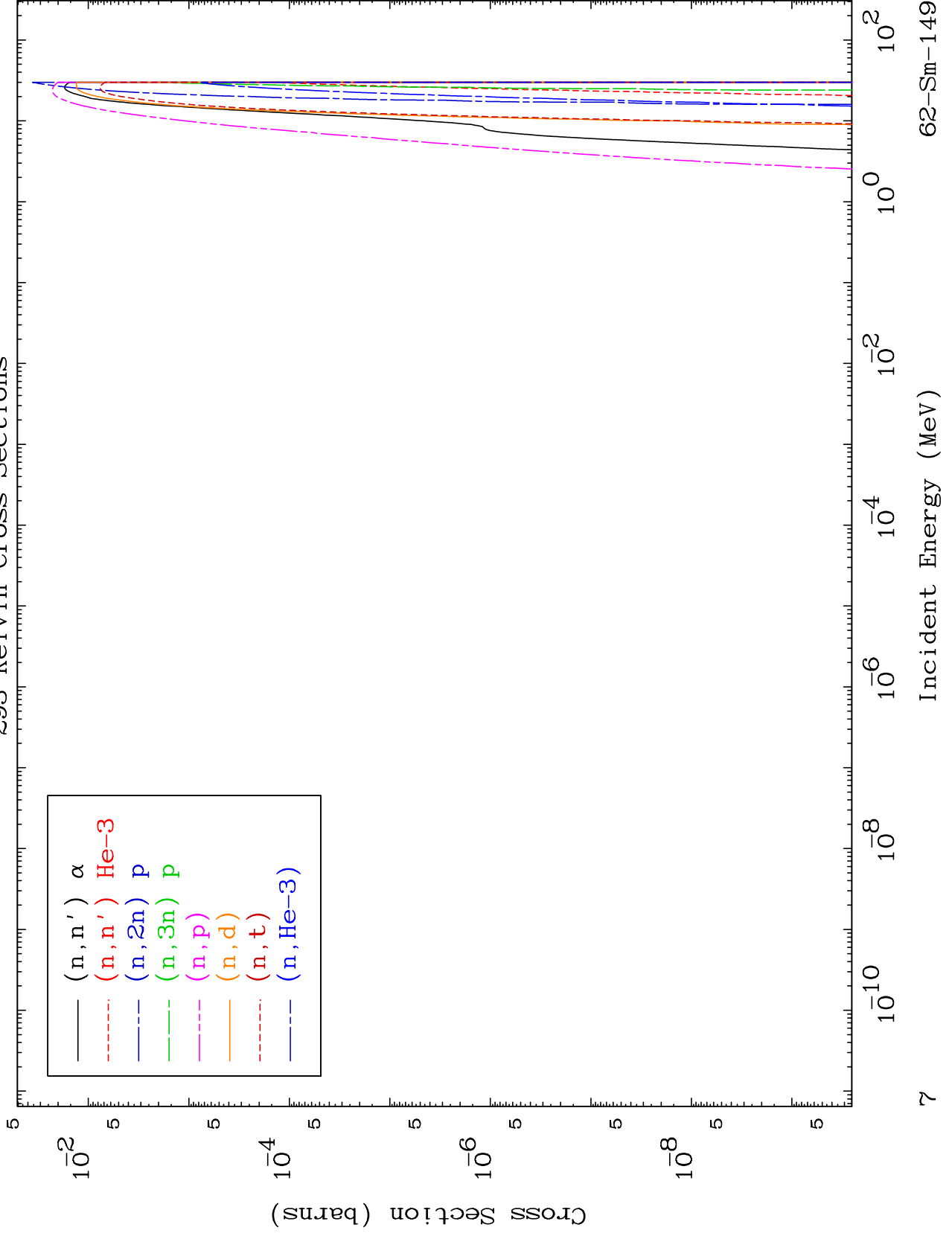
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MAT 6240

Charged Particle
293 Kelvin Cross Sections

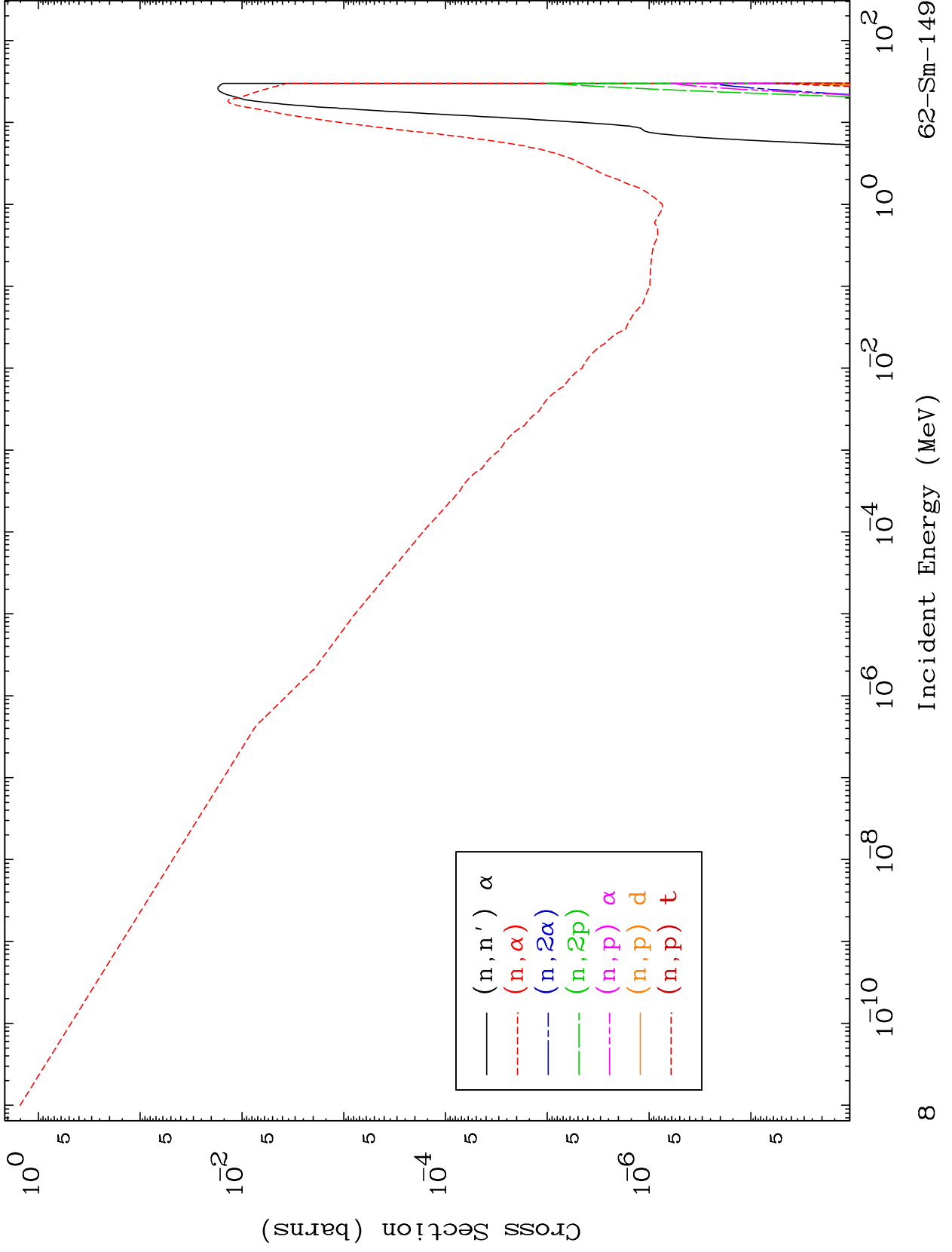
62-Sm-149



MAT 6240

Charged Particle
293 Kelvin Cross Sections

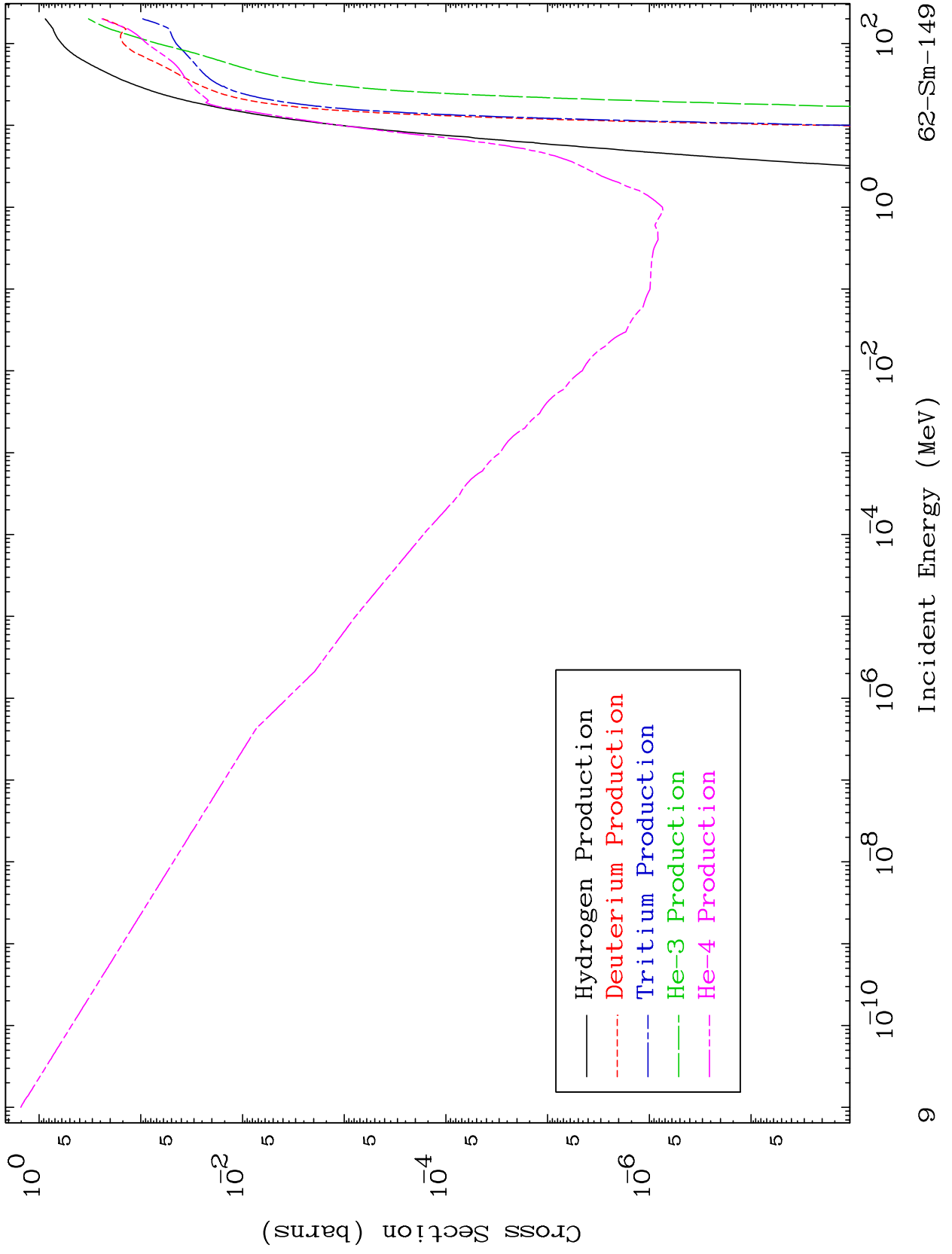
62-Sm-149



MAT 6240

Particle Production
293 Kelvin Cross Sections

62-Sm-149

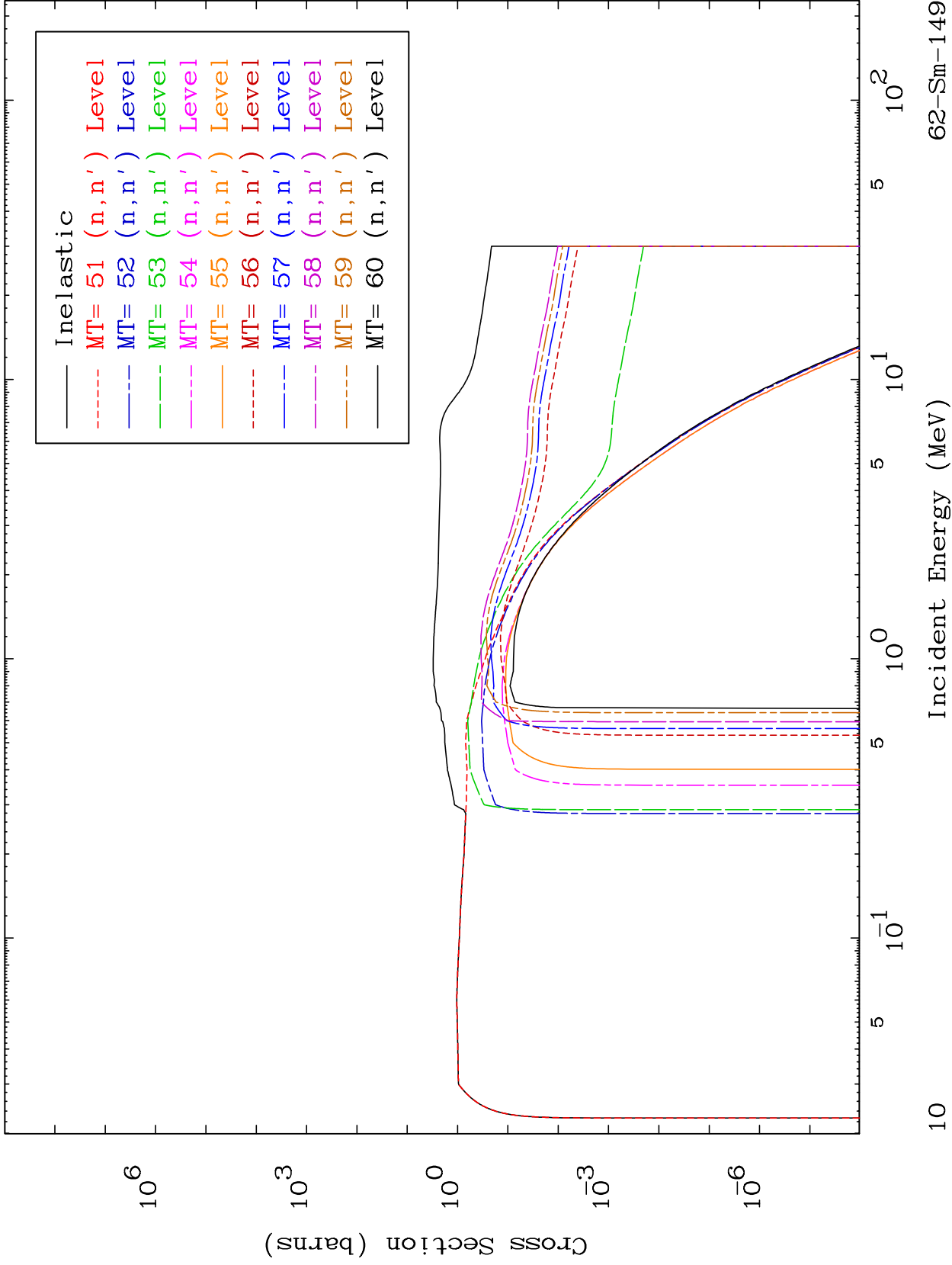


MAT 6240

(n,n') Levels

293 Kelvin Cross Sections

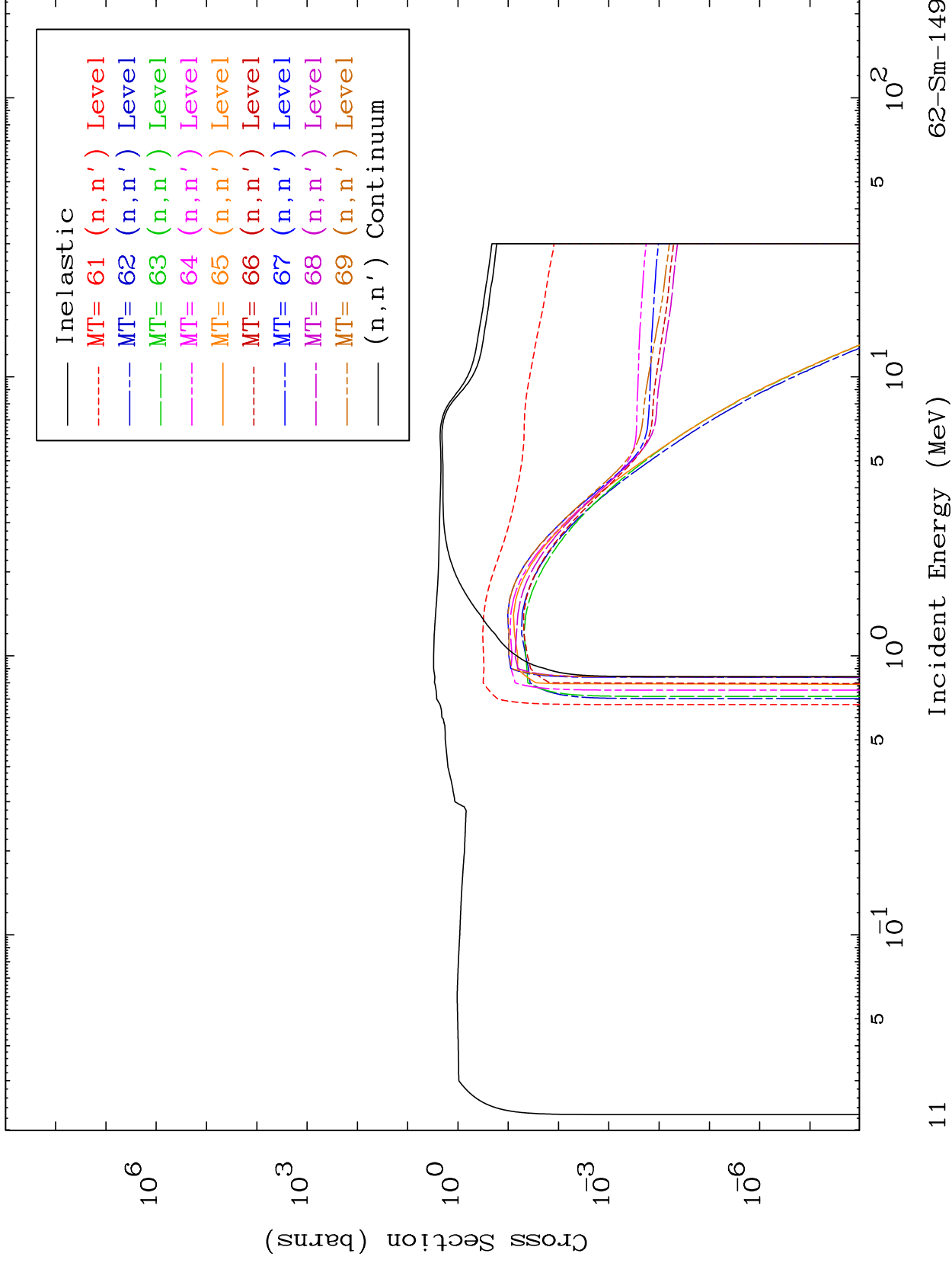
62-Sm-149



10

Incident Energy (MeV)

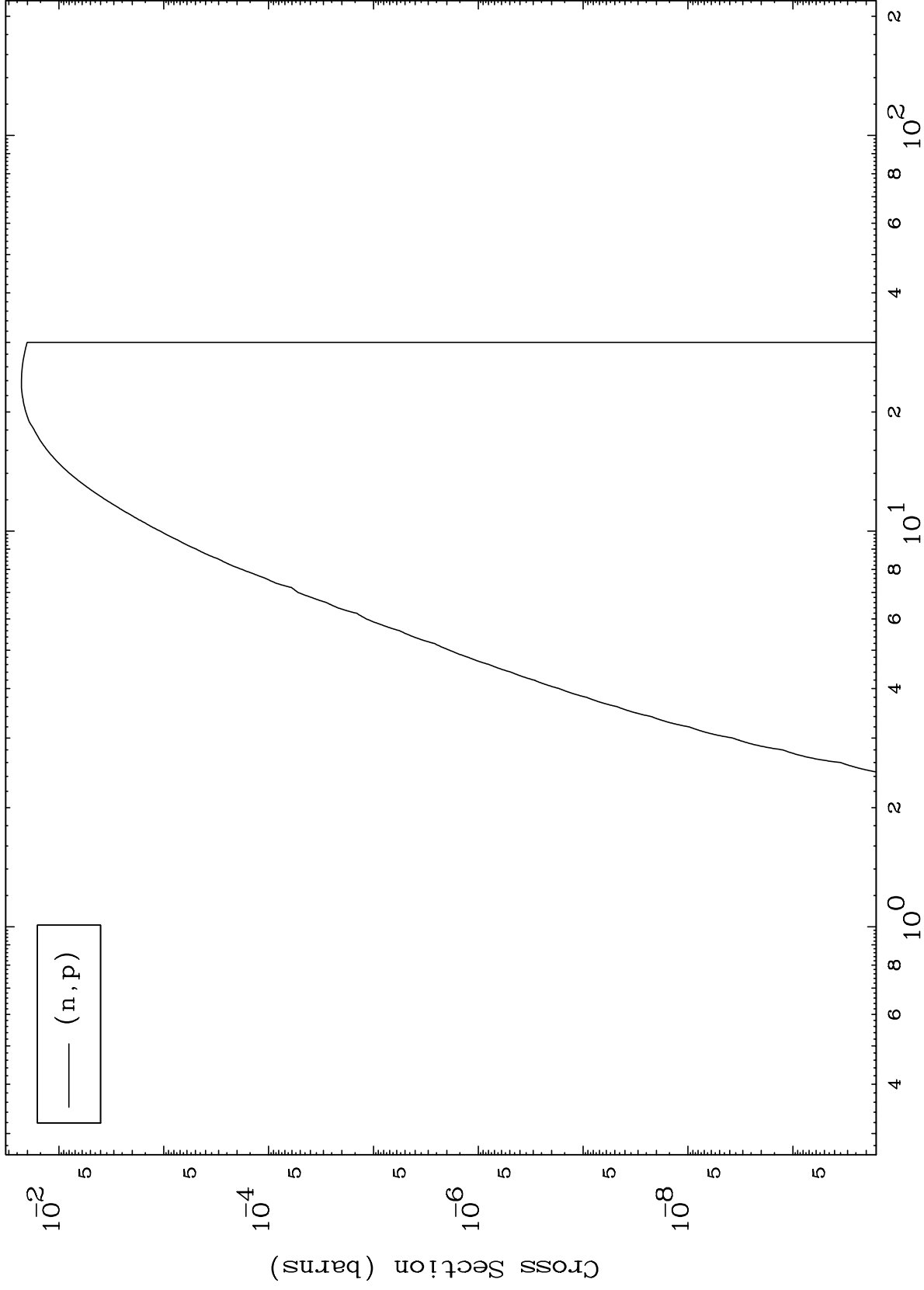
62-Sm-149



MAT 6240

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-149



12

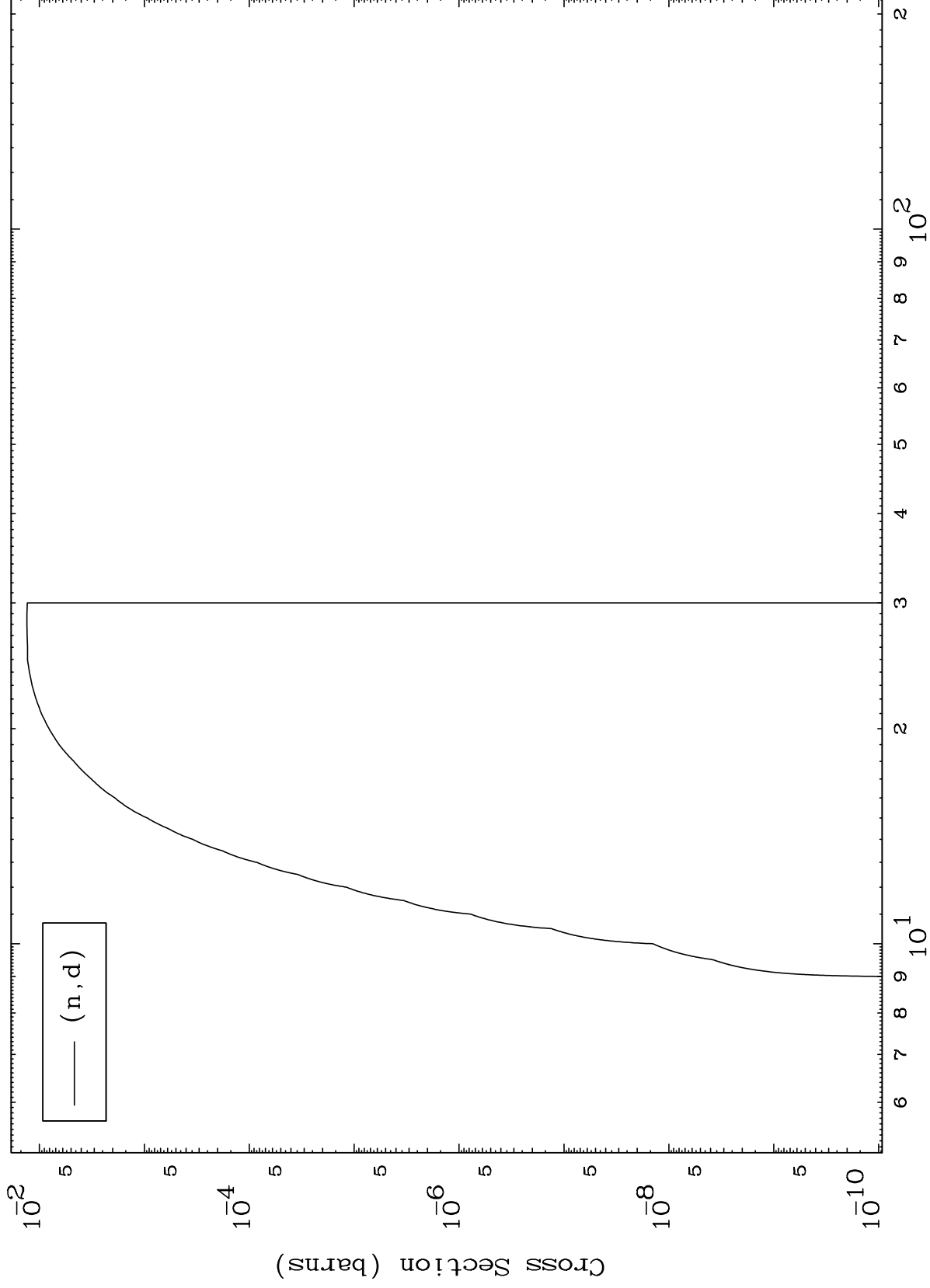
Incident Energy (MeV)

62-Sm-149

MAT 6240

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-149



13

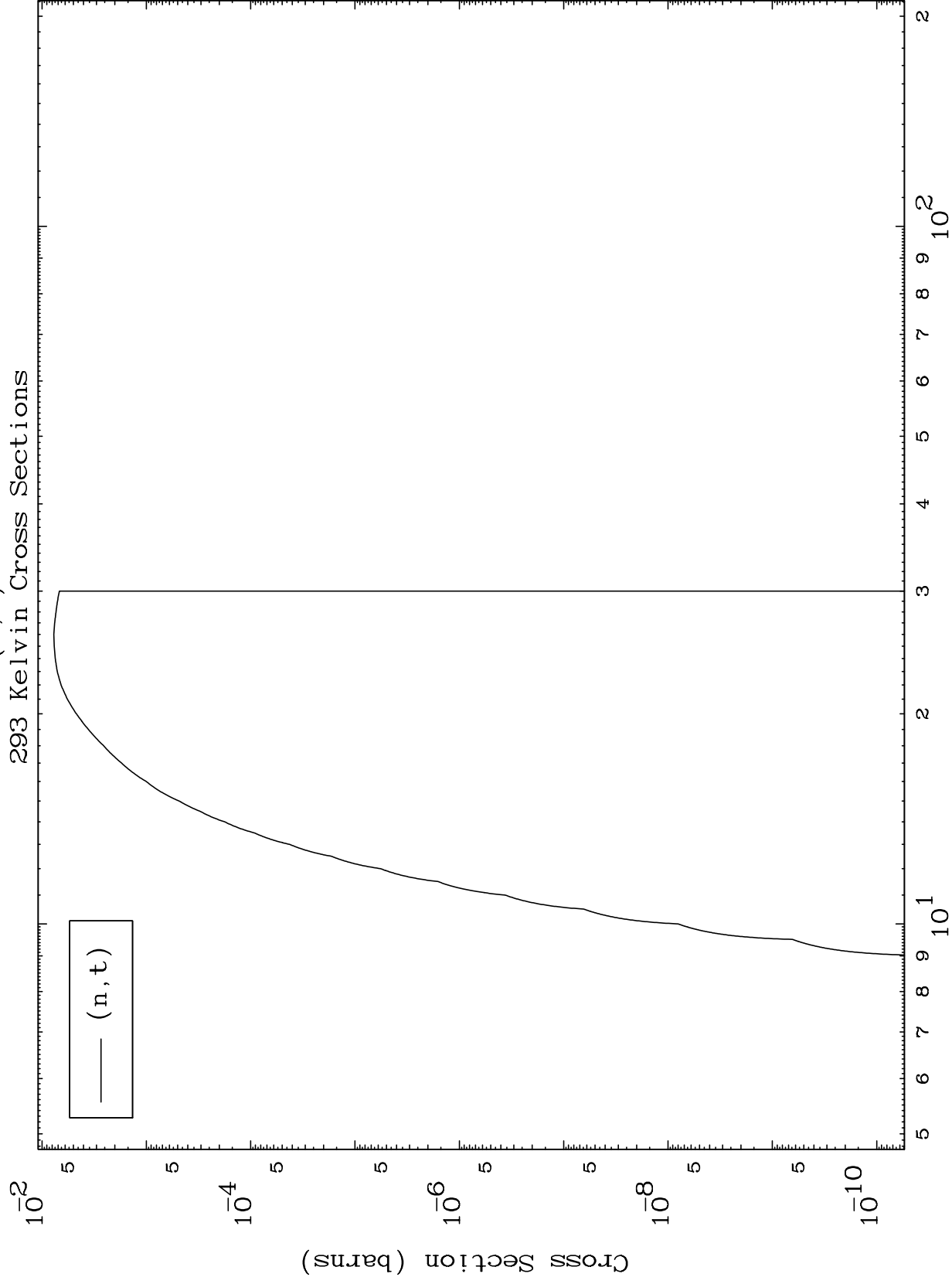
Incident Energy (MeV)

62-Sm-149

MAT 6240

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-149



14

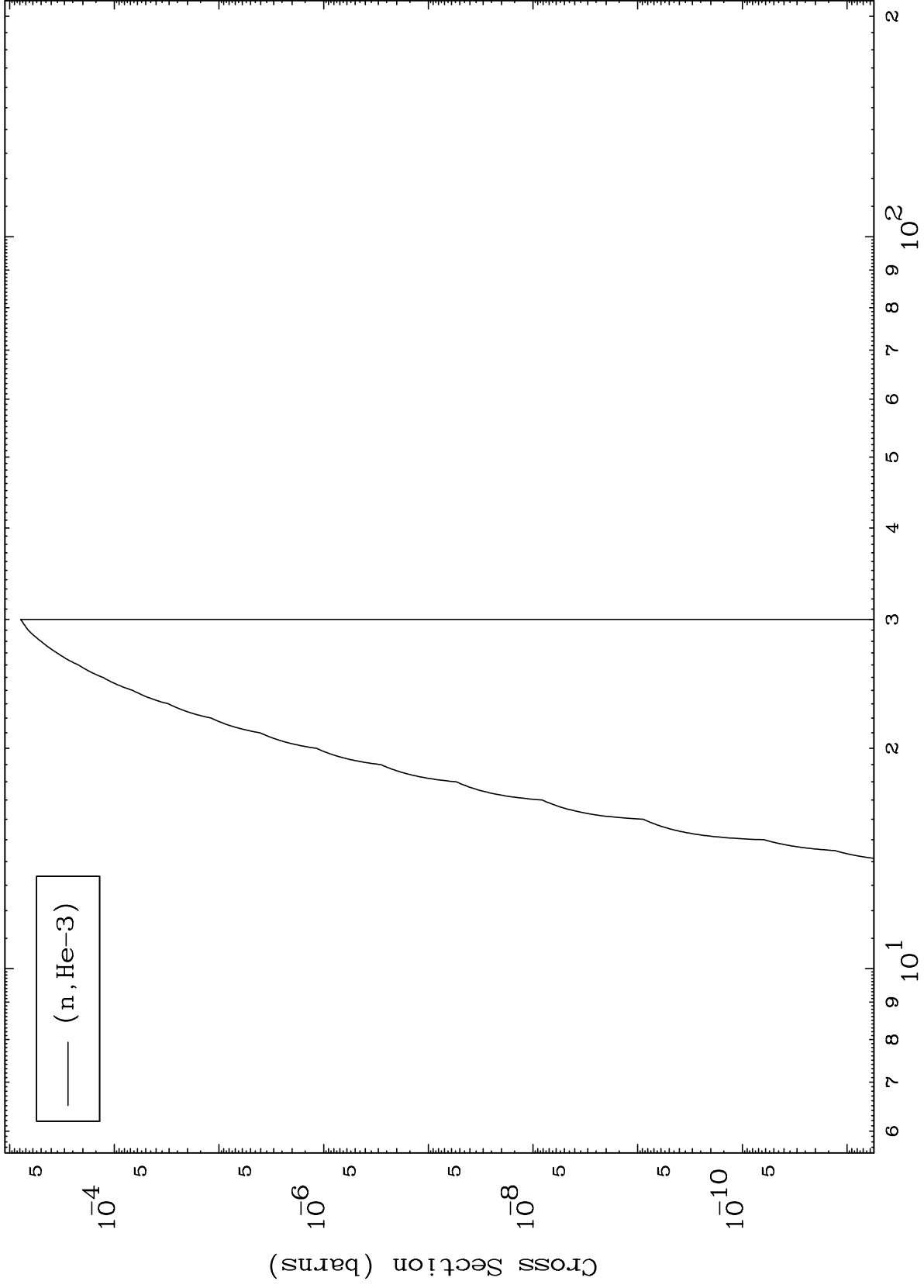
Incident Energy (MeV)

62-Sm-149

MAT 6240

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-149



15

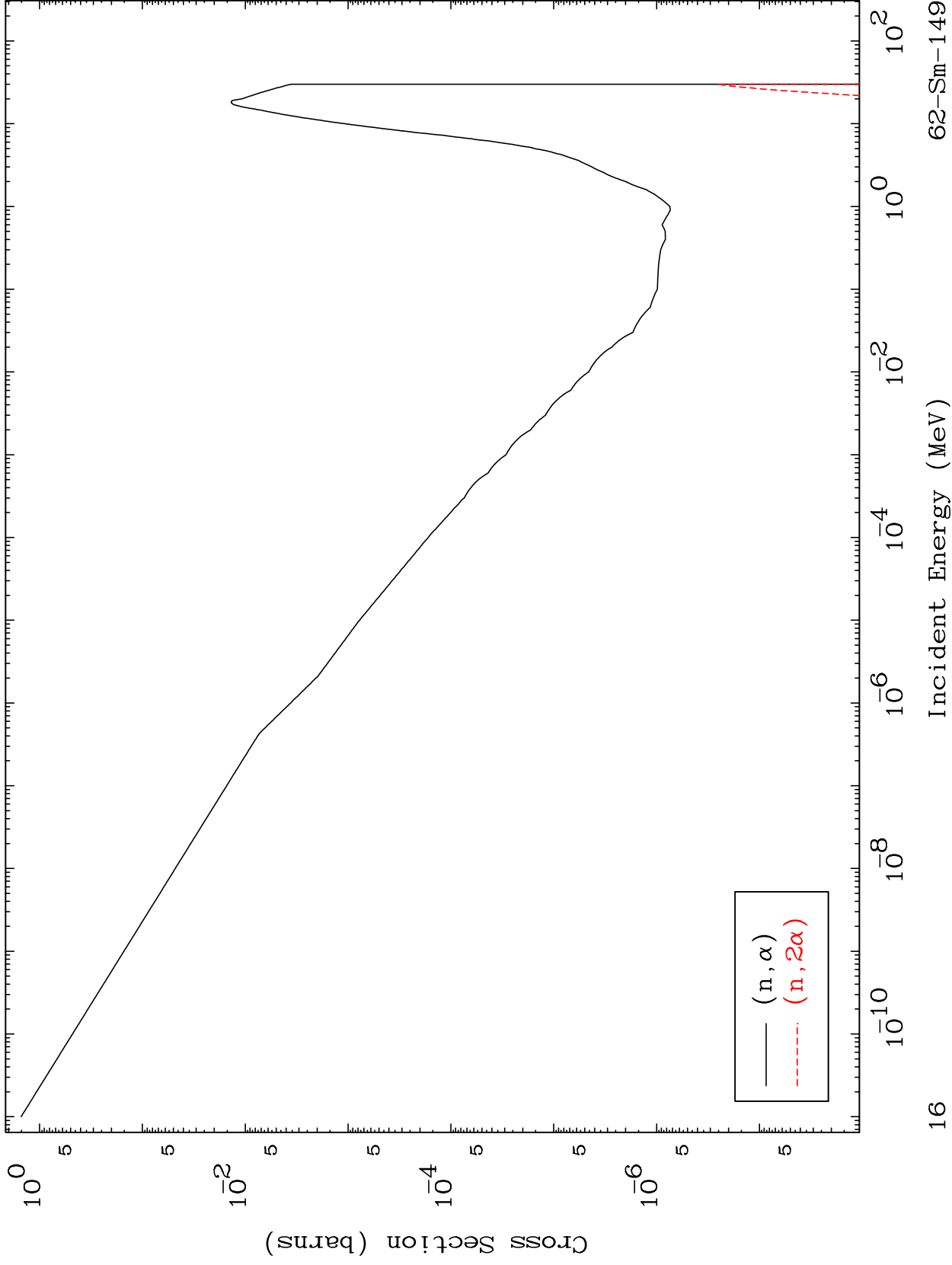
Incident Energy (MeV)

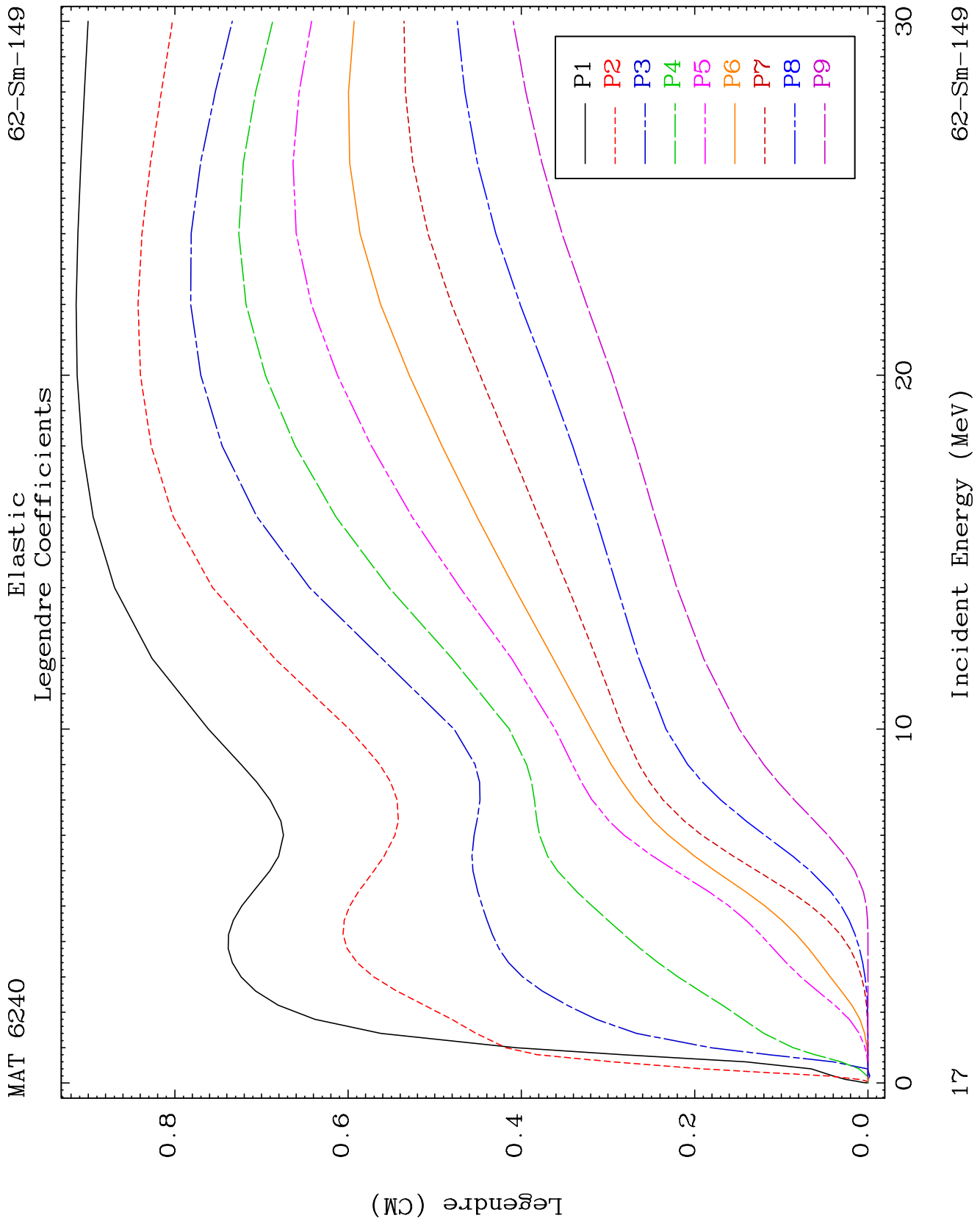
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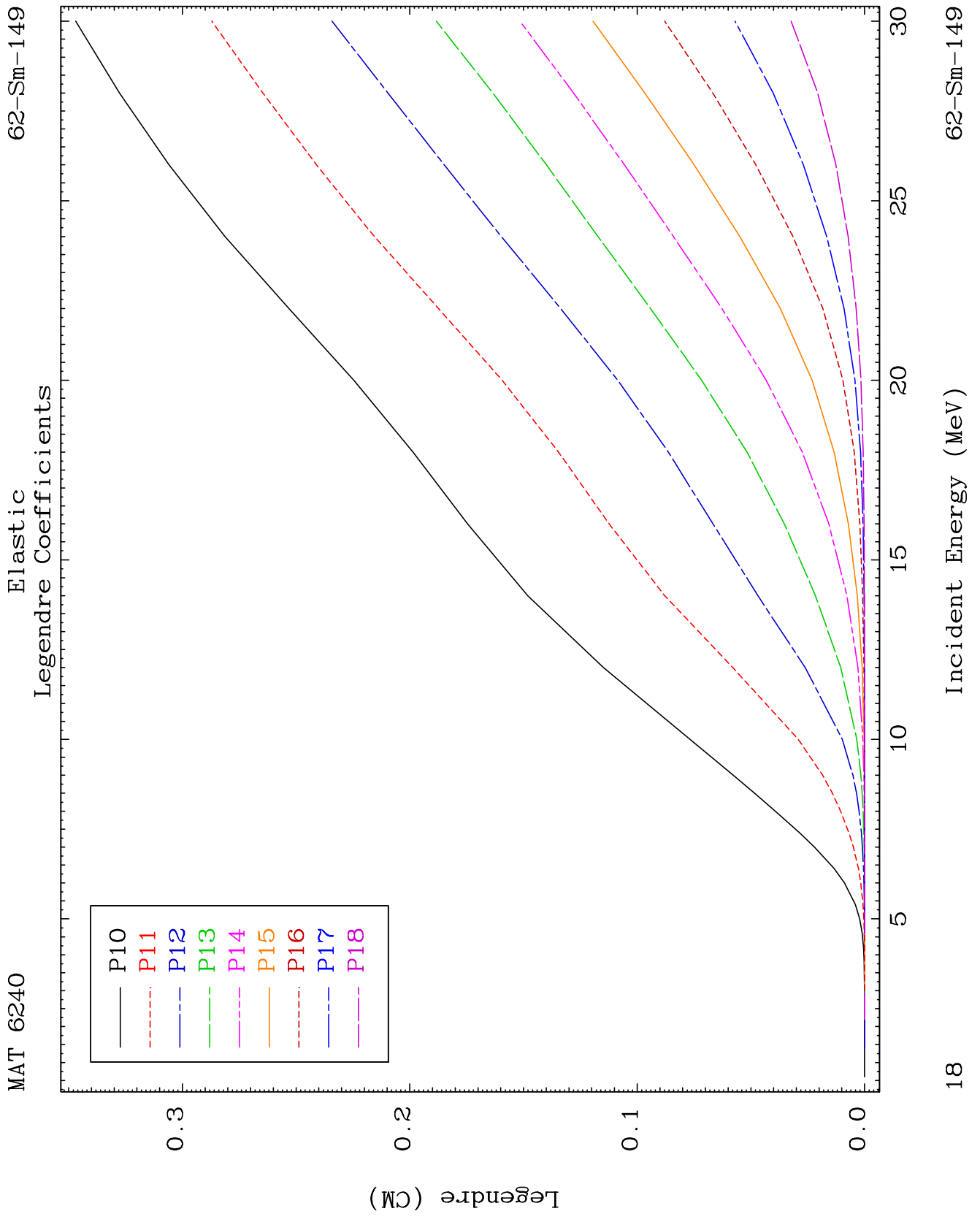
MAT 6240

(n,α) Levels
293 Kelvin Cross Sections

62-Sm-149



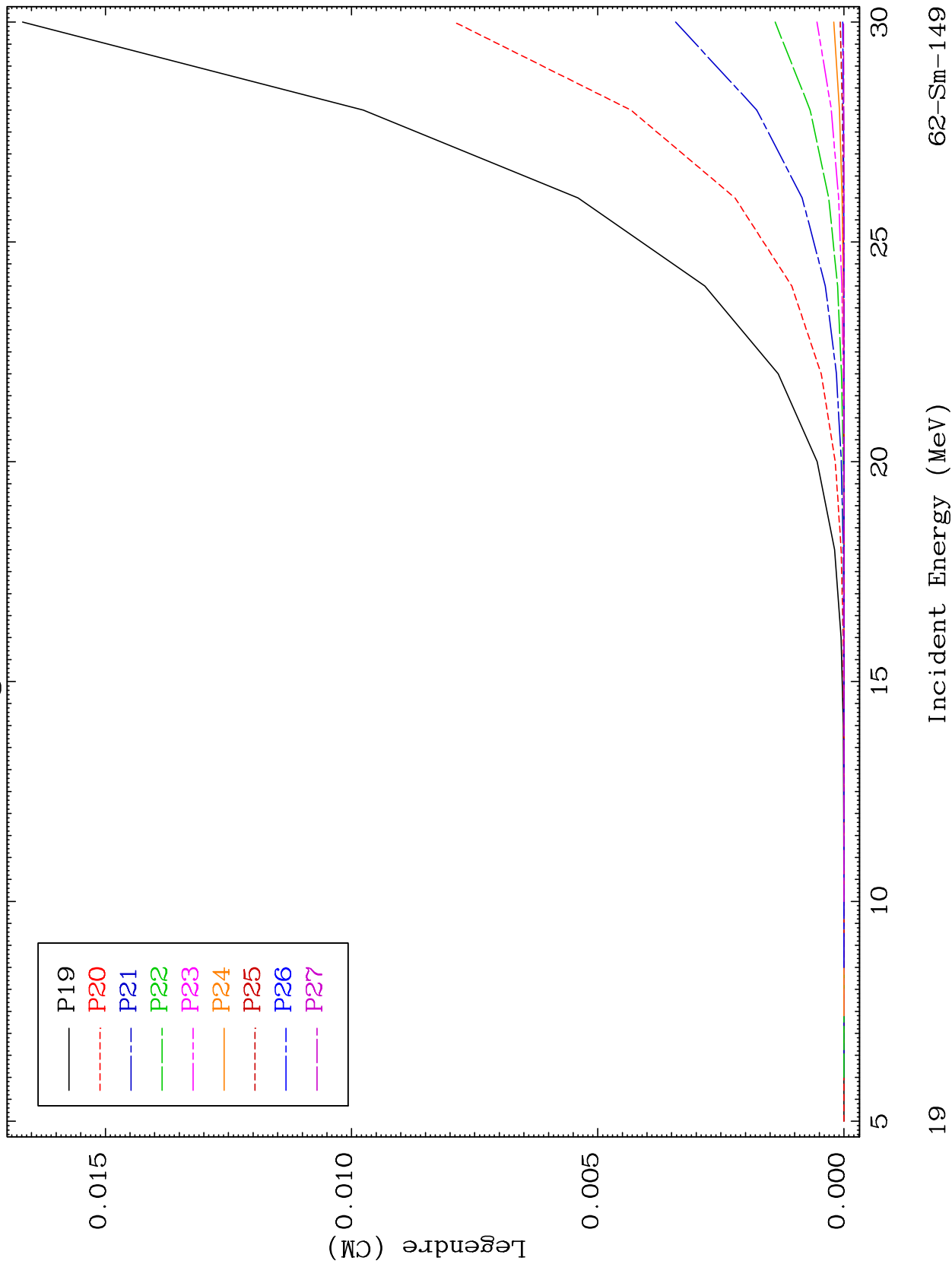




MAT 6240

Elastic
Legendre Coefficients

62-Sm-149



19

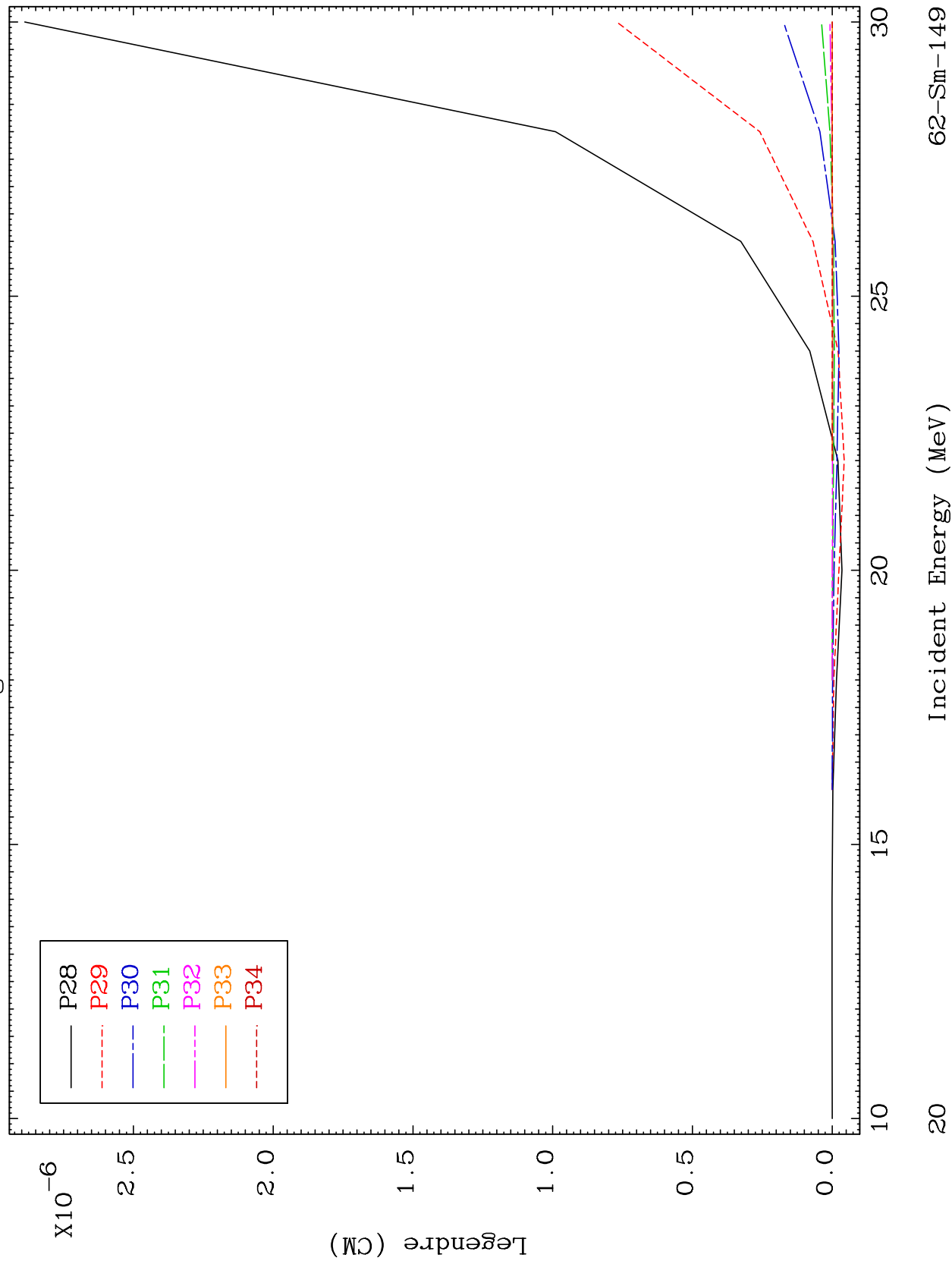
Incident Energy (MeV)

62-Sm-149

MAT 6240

Elastic Legendre Coefficients

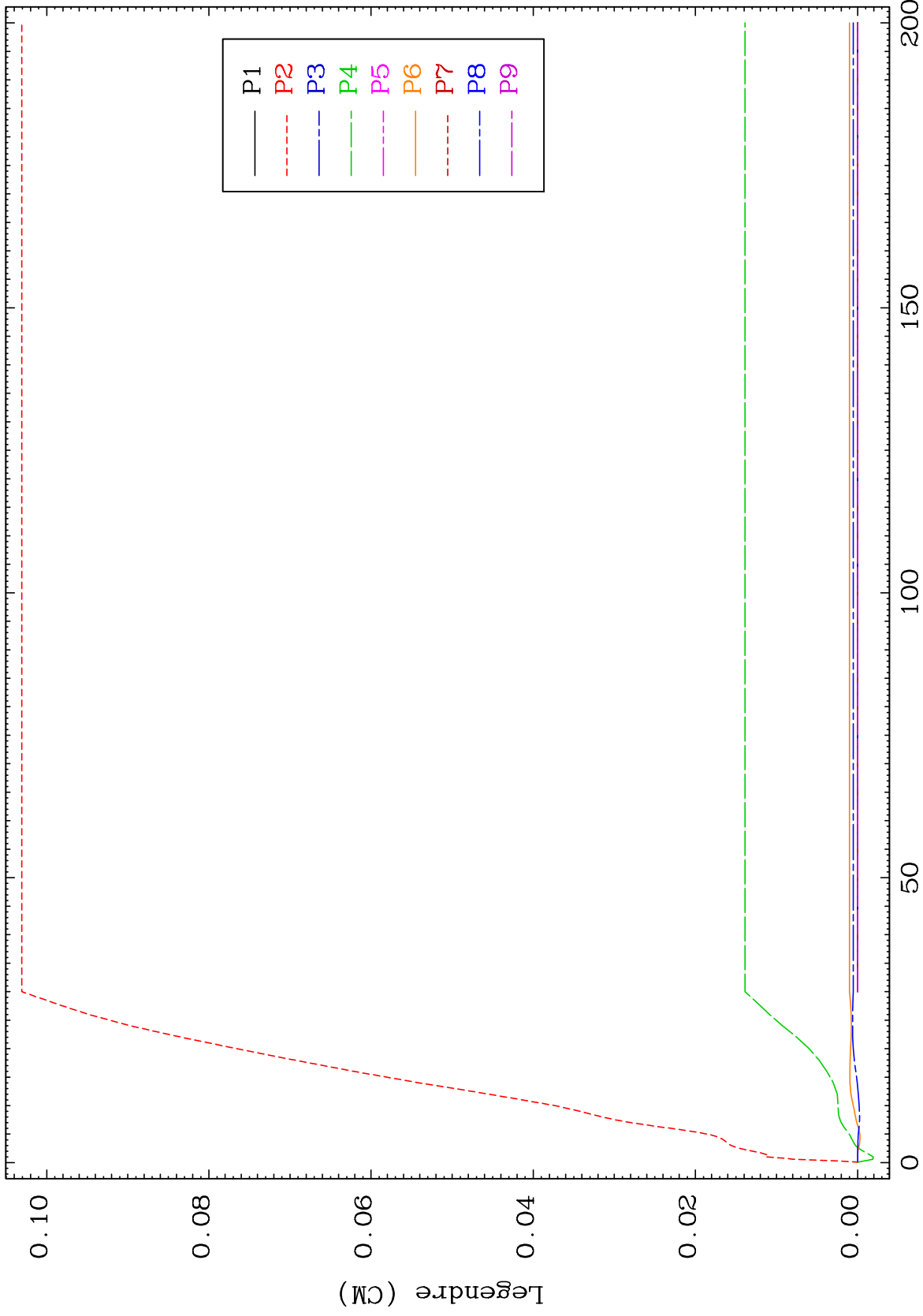
⁶²Sm-149



MAT 6240

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

62-Sm-149



21

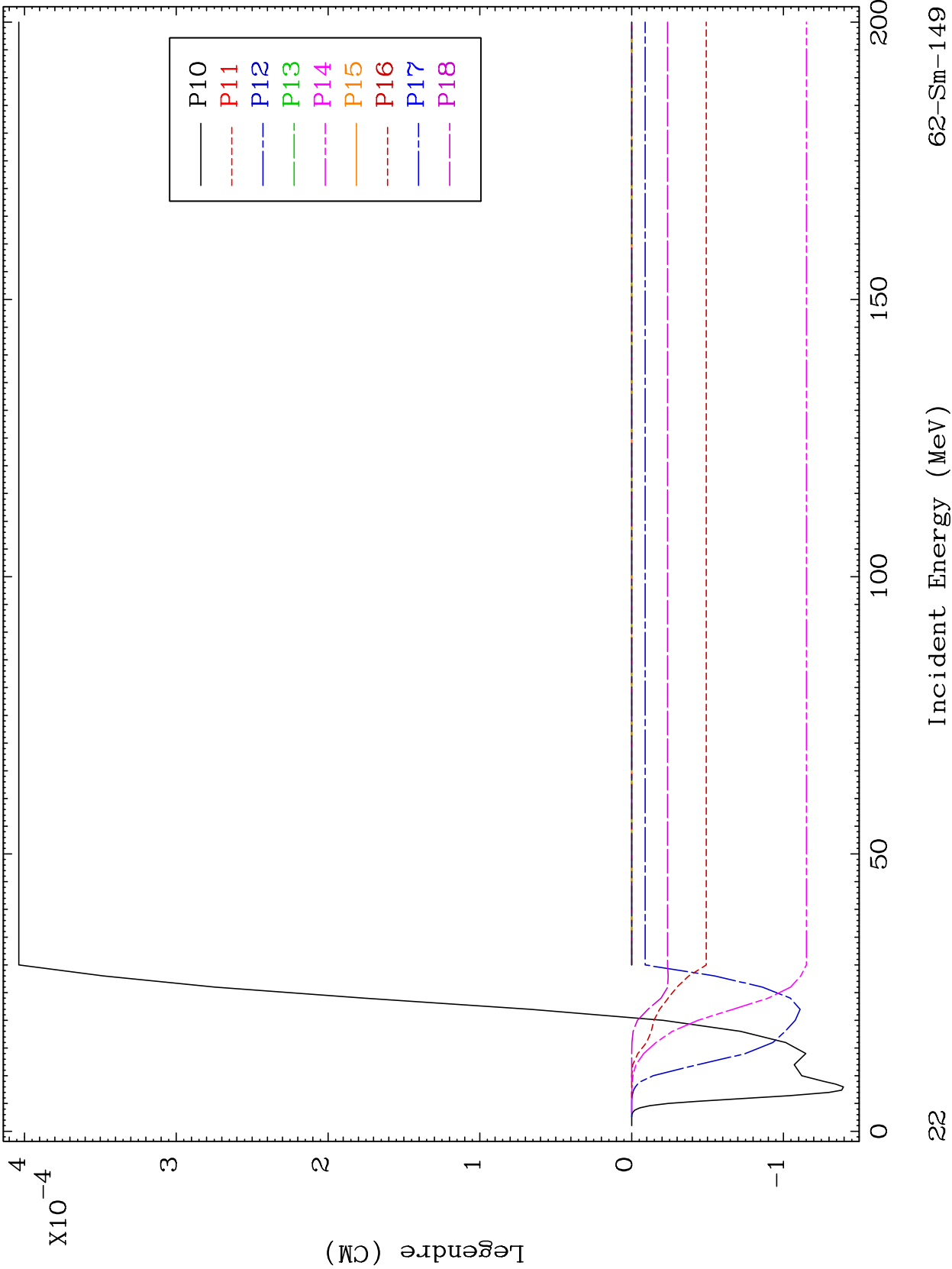
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

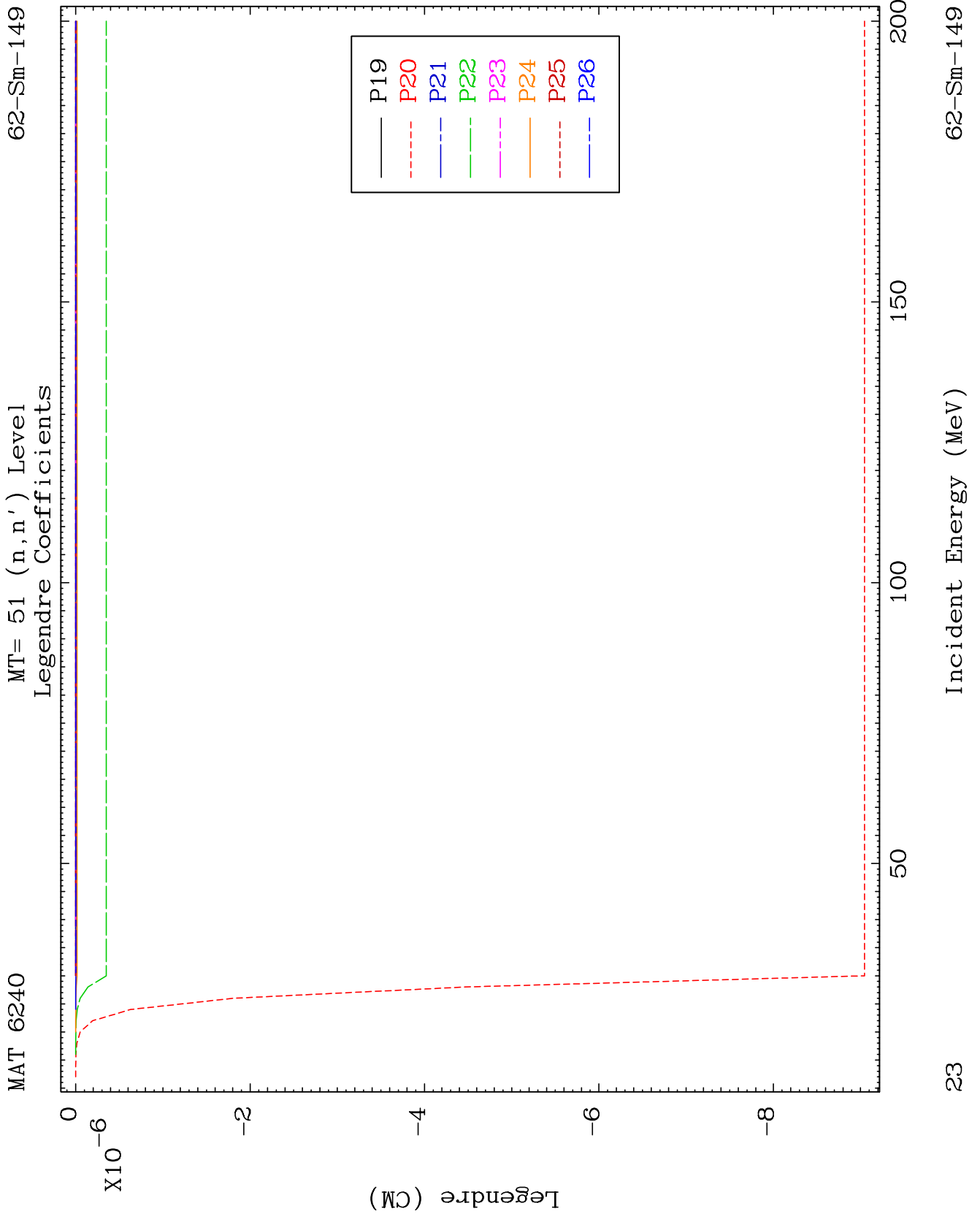
62-Sm-149



22

Incident Energy (MeV)

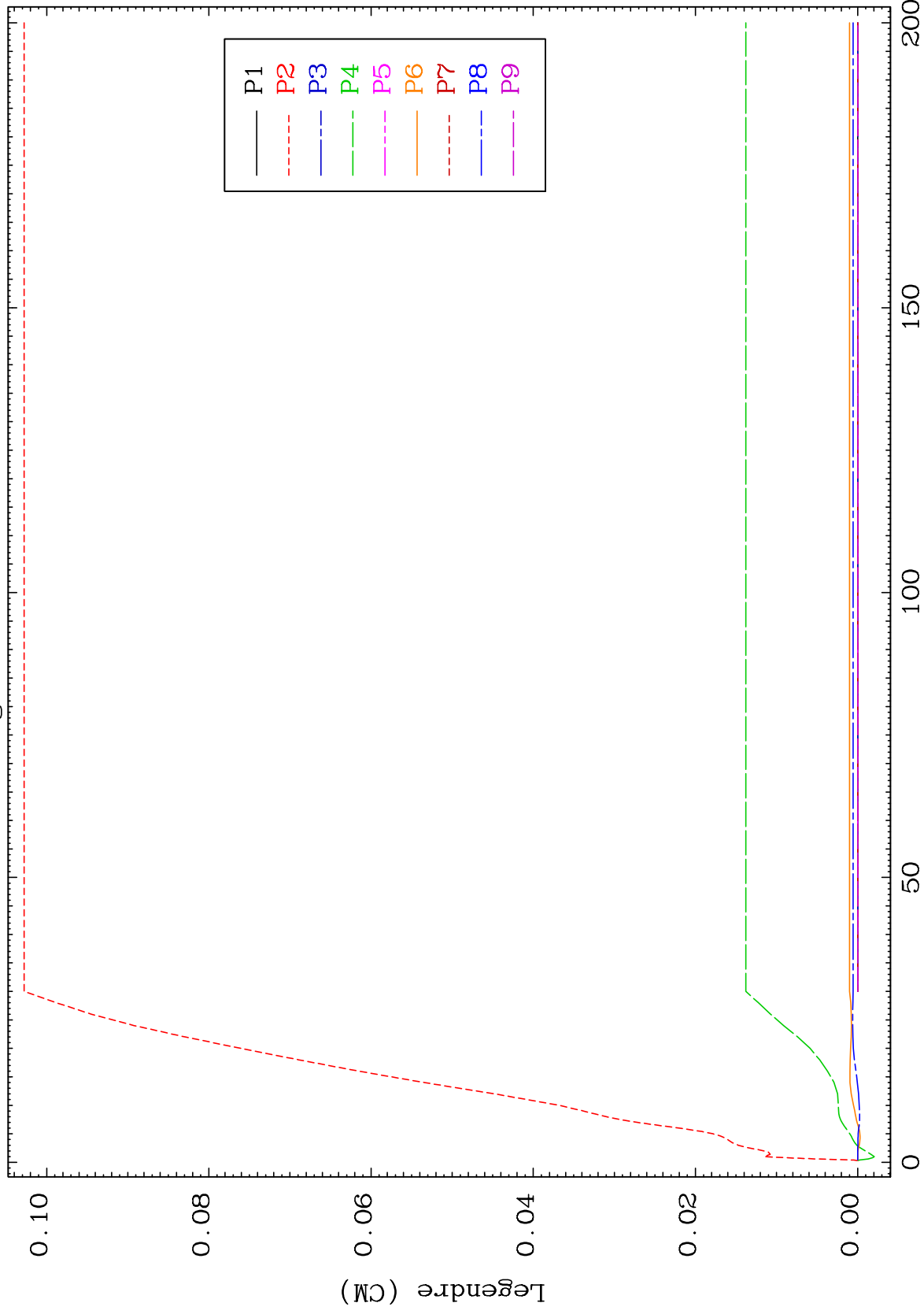
62-Sm-149



MAT 6240

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

62-Sm-149



62-Sm-149

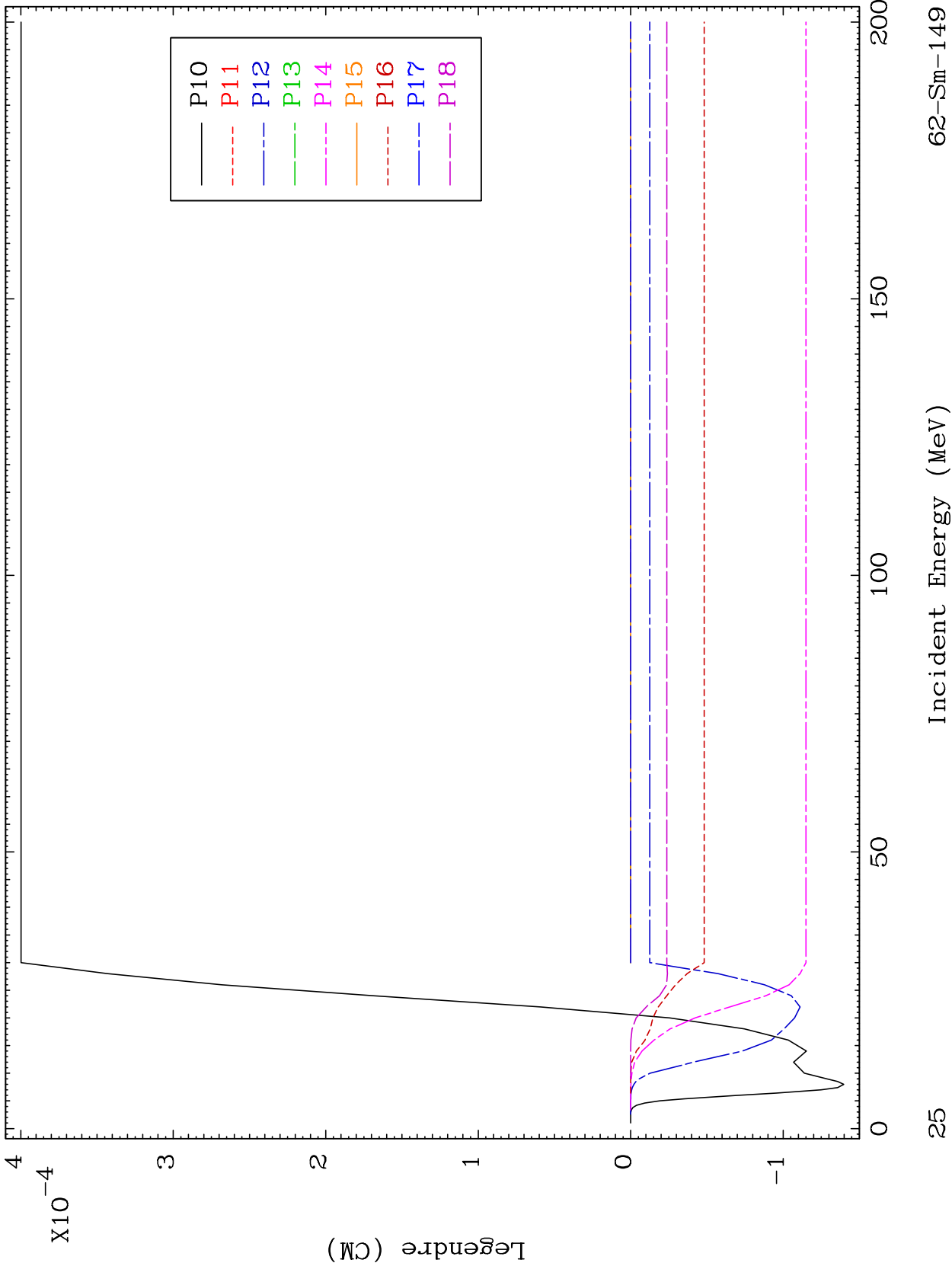
Incident Energy (MeV)

24

MAT 6240

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

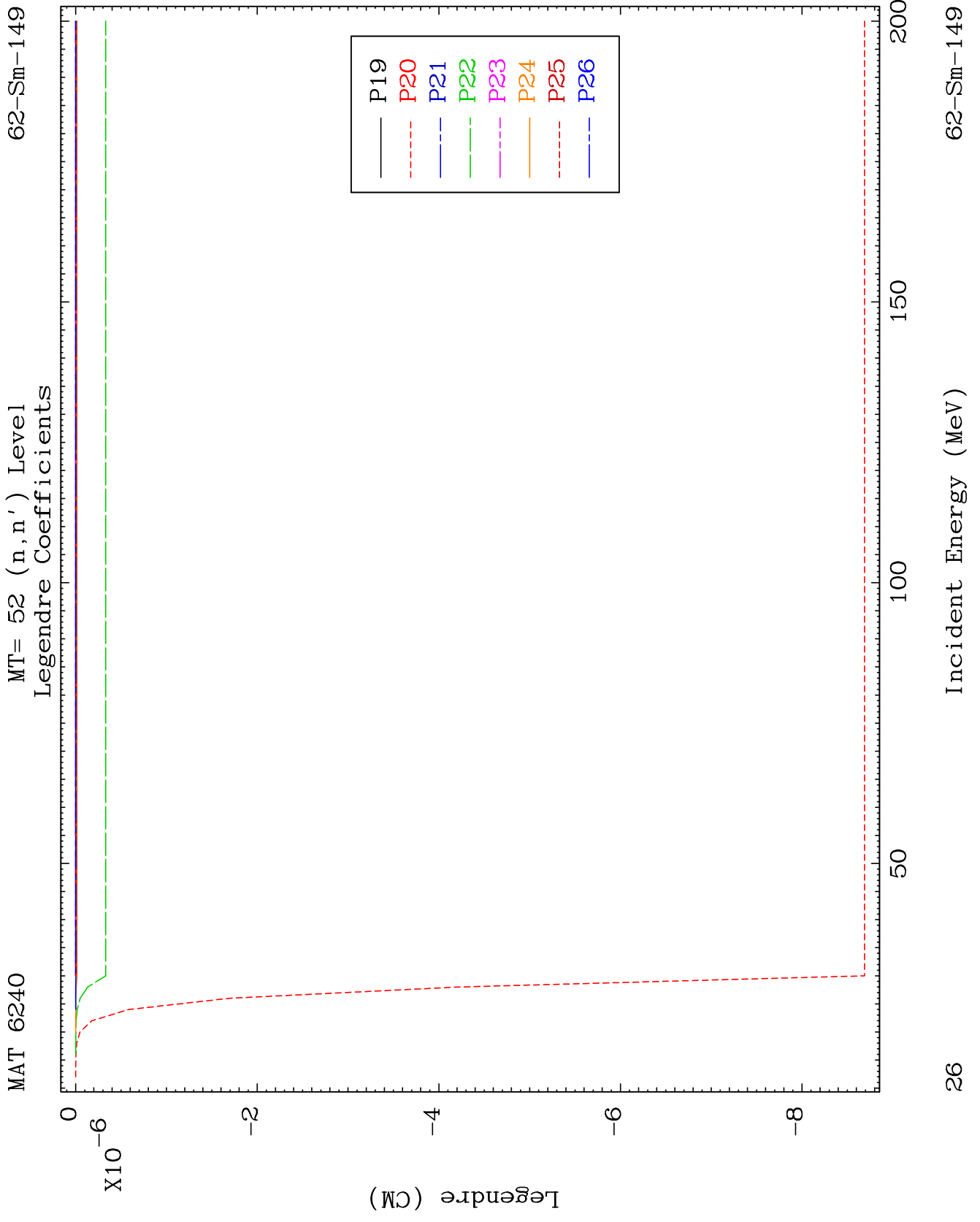
62-Sm-149



62-Sm-149

Incident Energy (MeV)

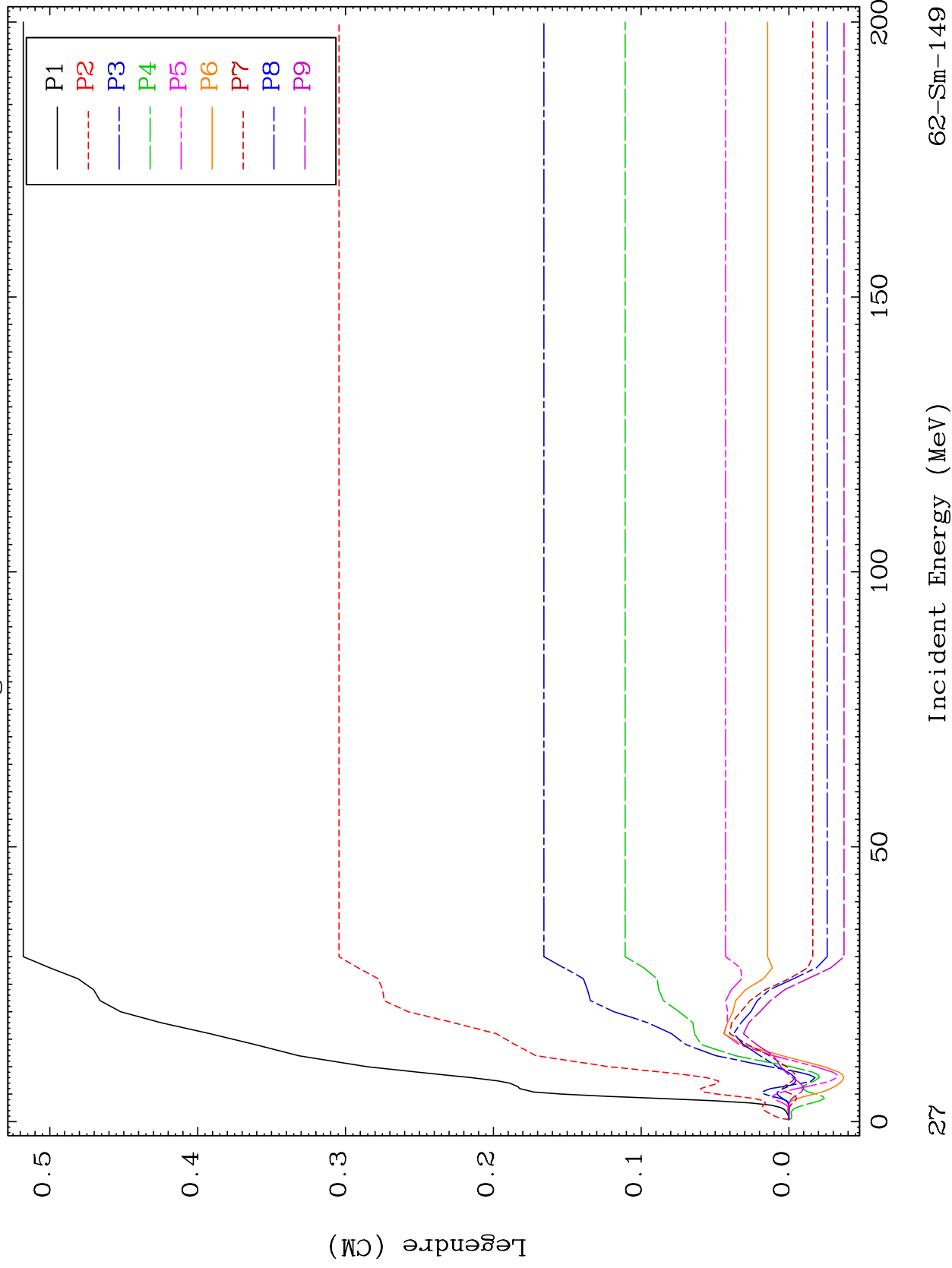
25



MAT 6240

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

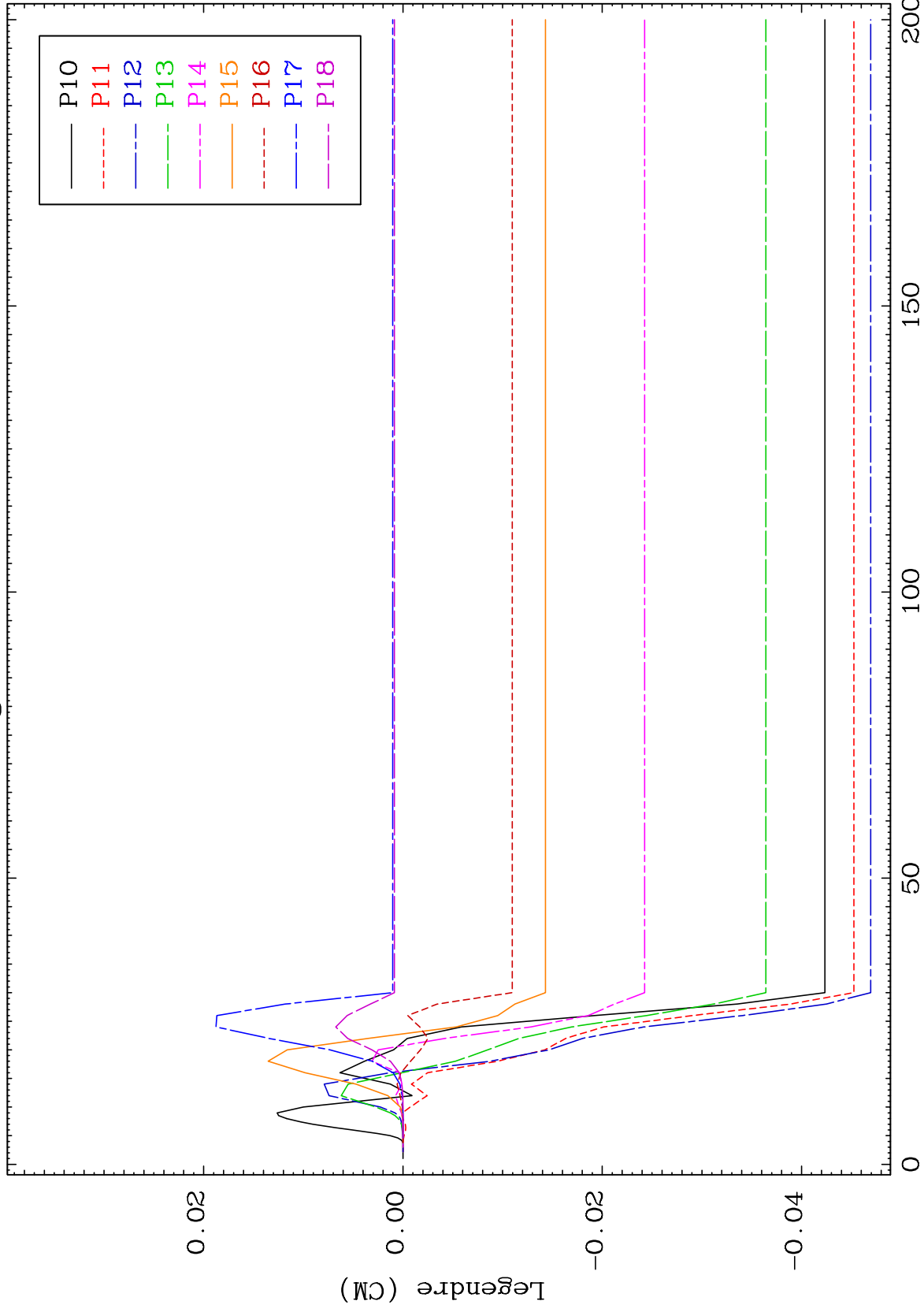
62-Sm-149



MAT 6240

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

62-Sm-149



28

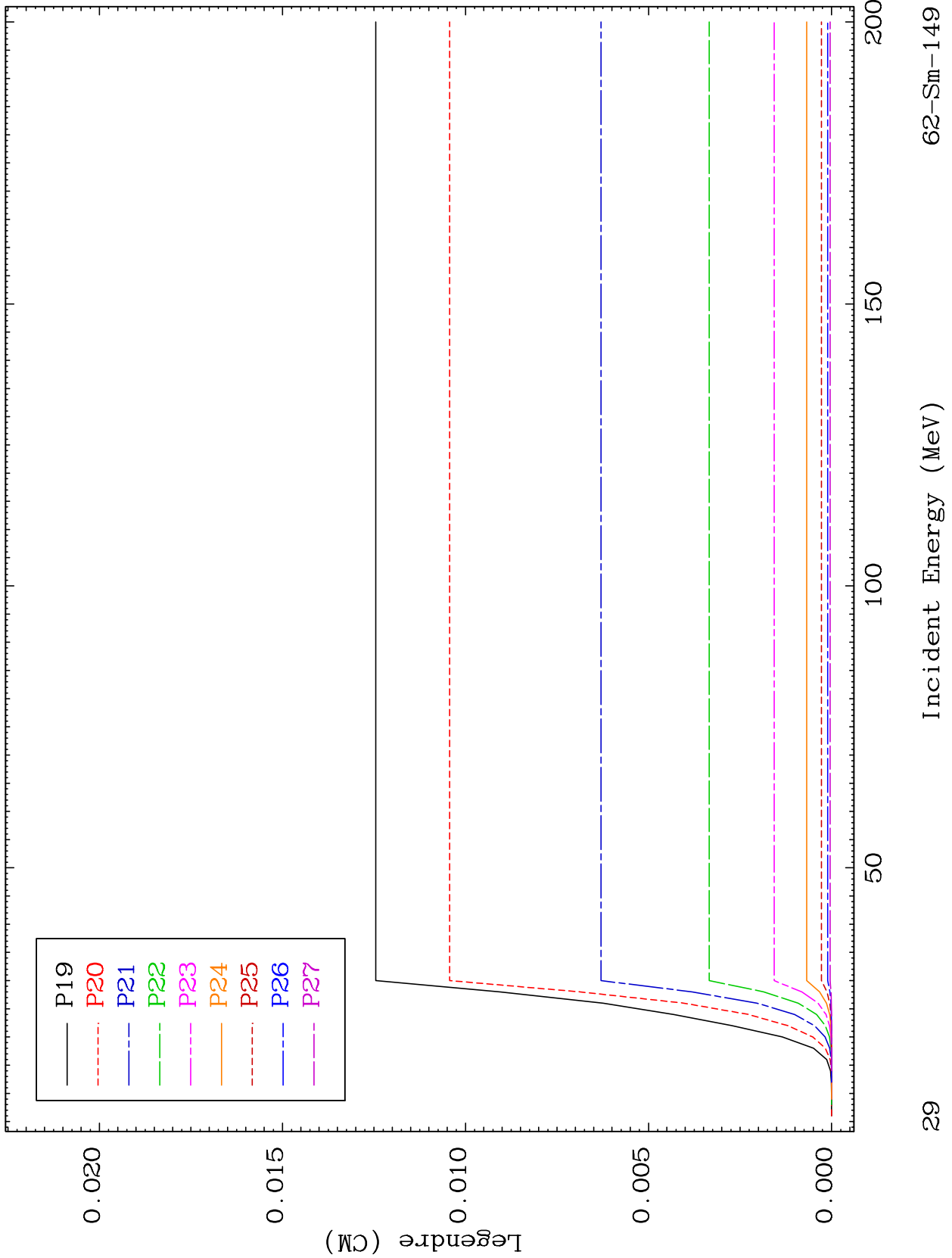
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

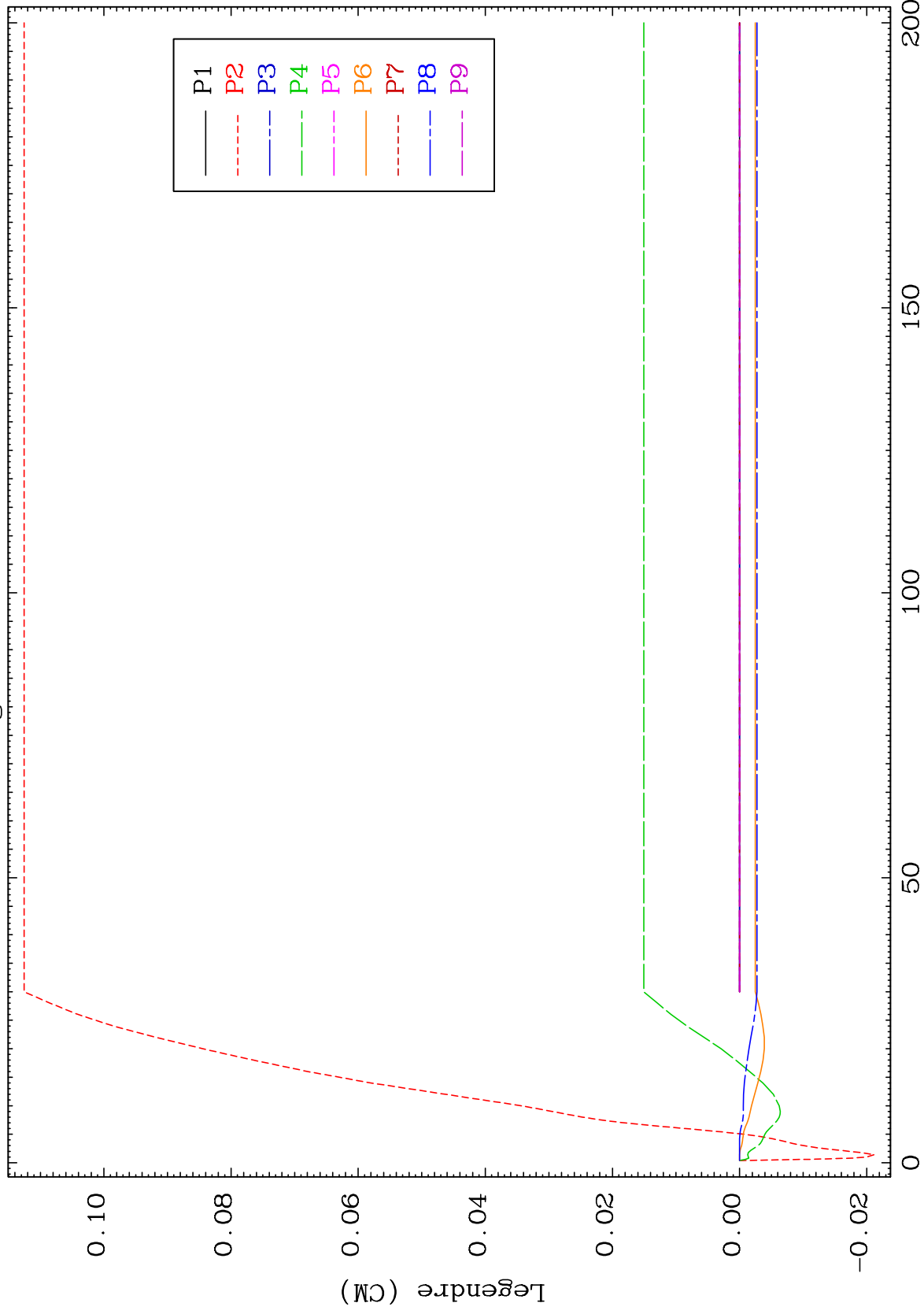
62-Sm-149



MAT 6240

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

62-Sm-149



31

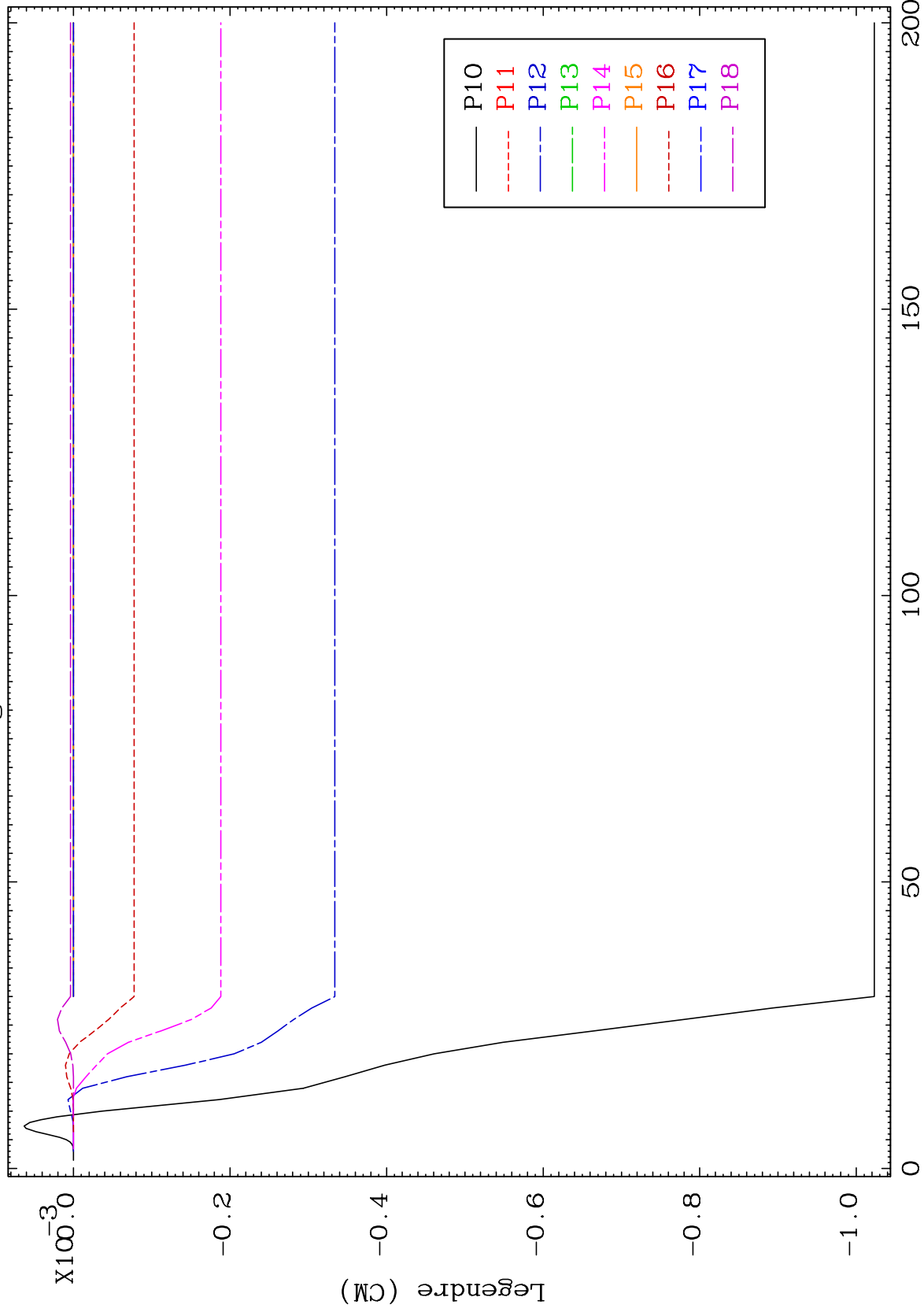
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

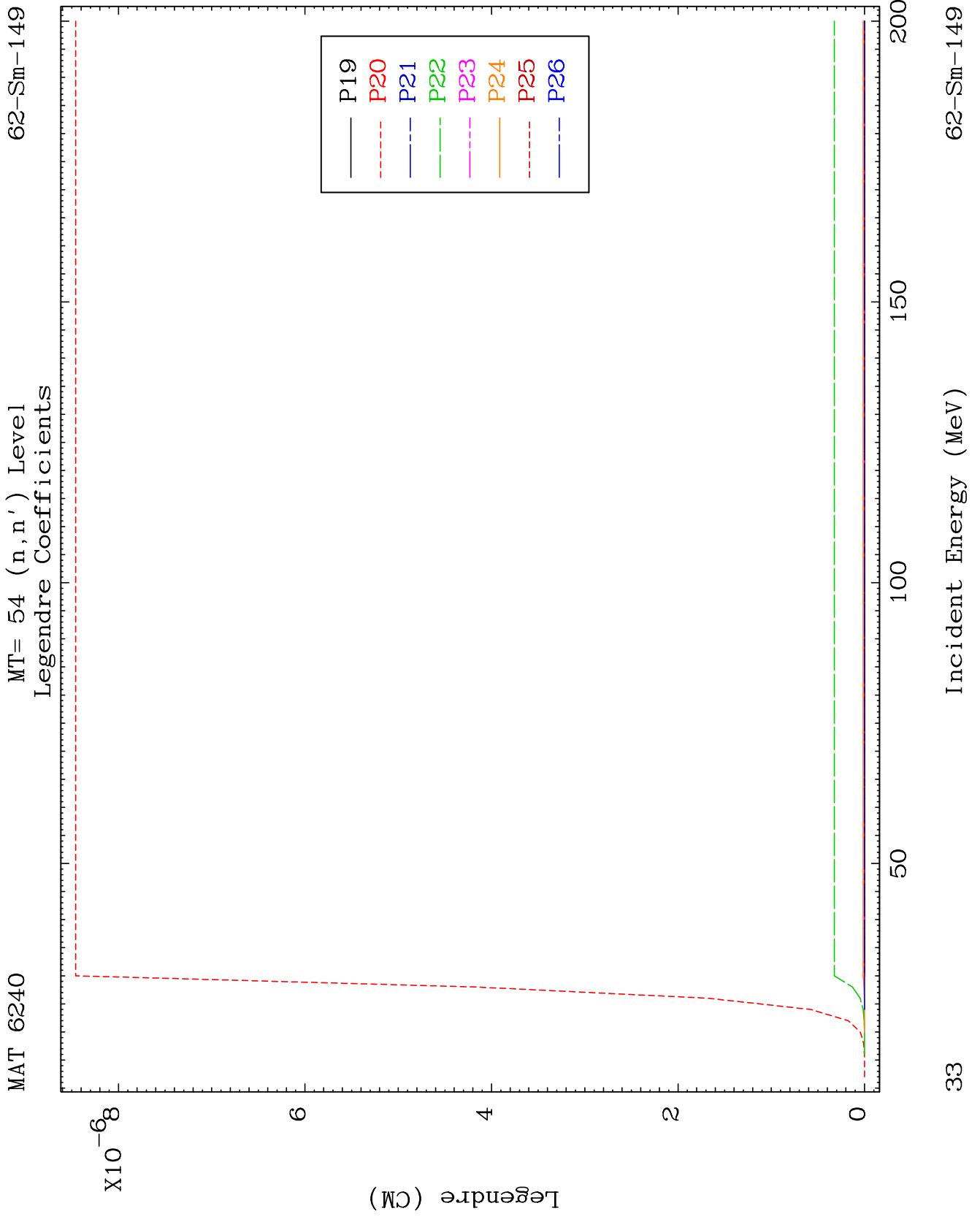
62-Sm-149



32

Incident Energy (MeV)

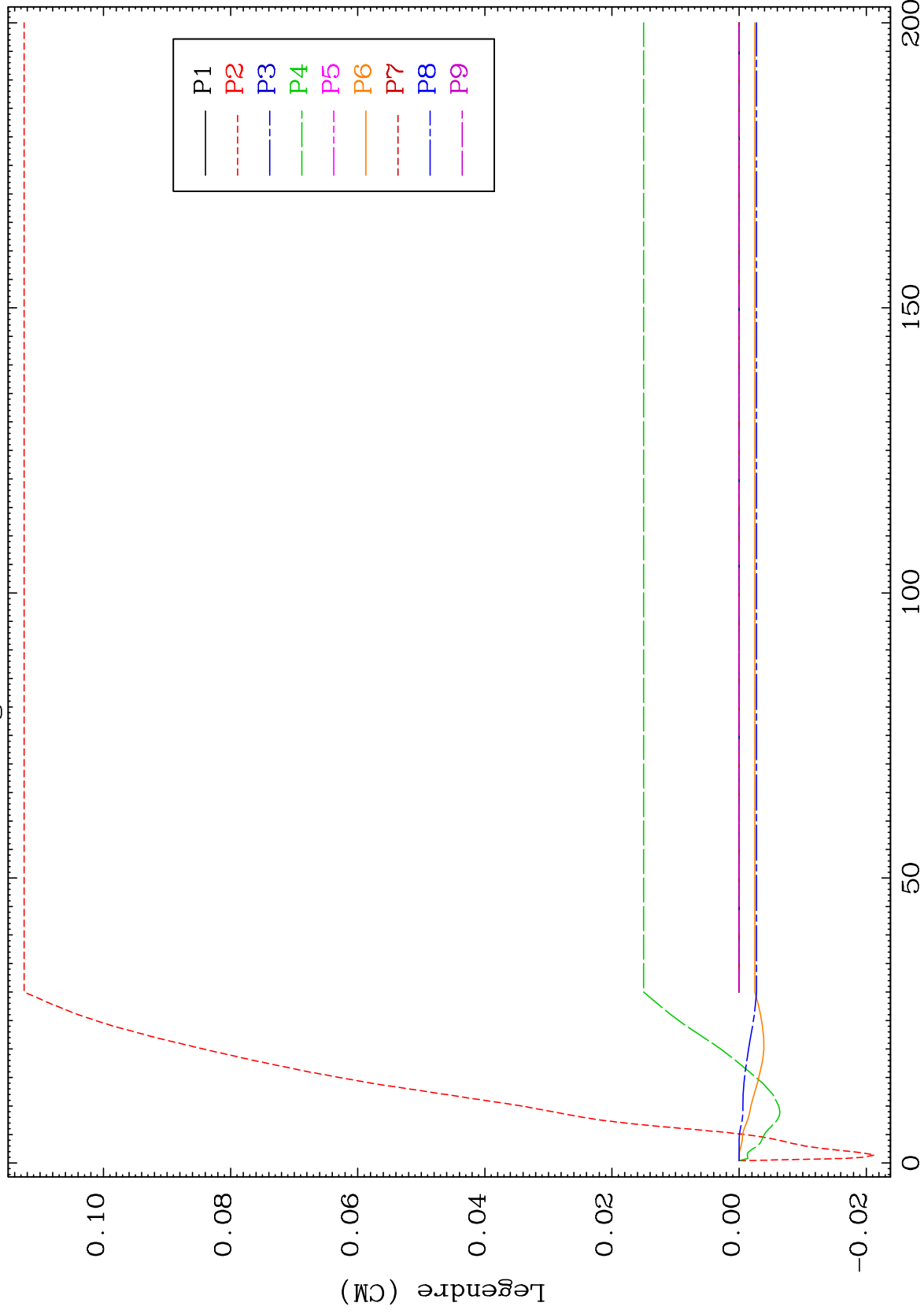
62-Sm-149



MAT 6240

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

62-Sm-149



62-Sm-149

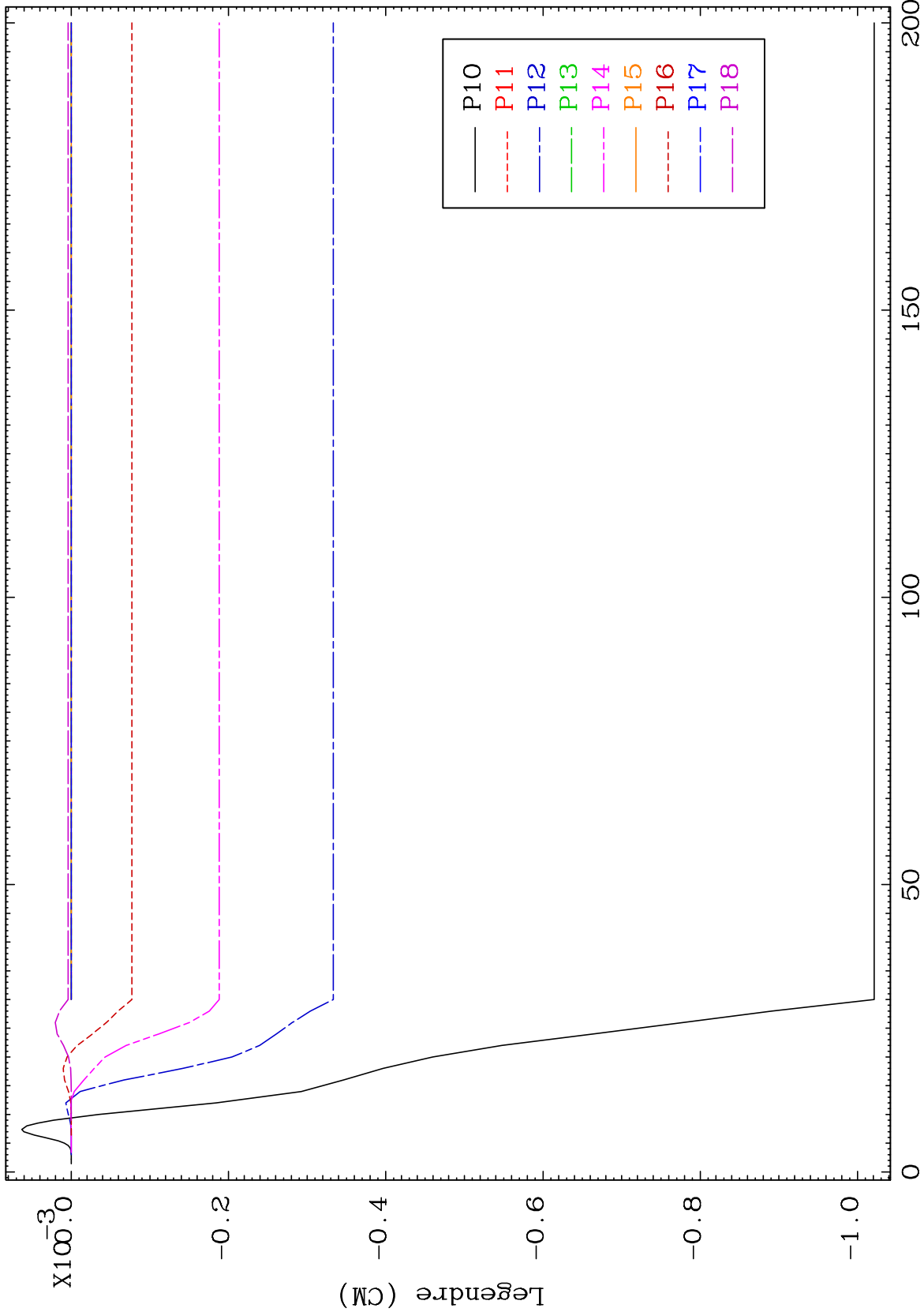
Incident Energy (MeV)

34

MAT 6240

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

62-Sm-149



35

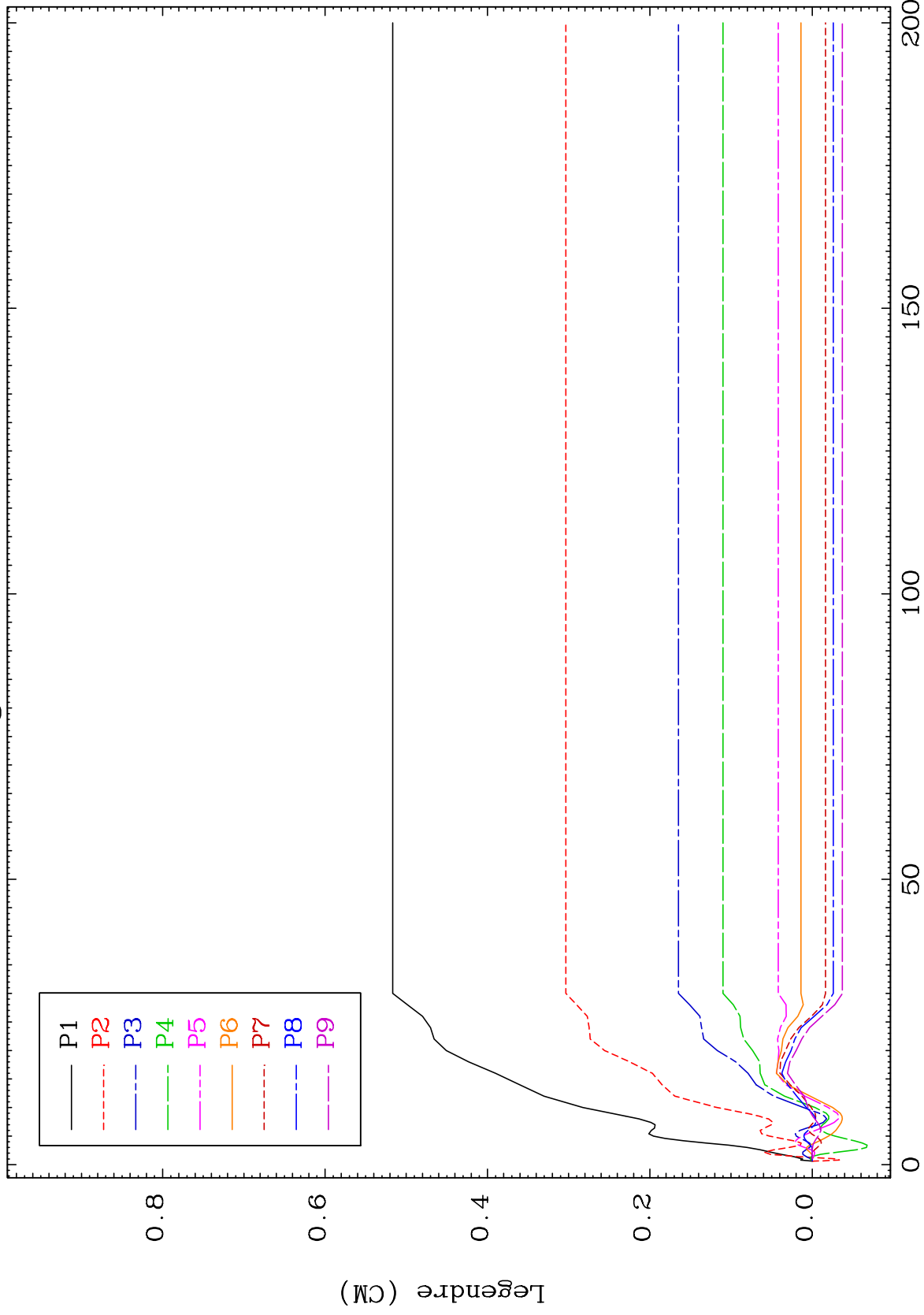
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

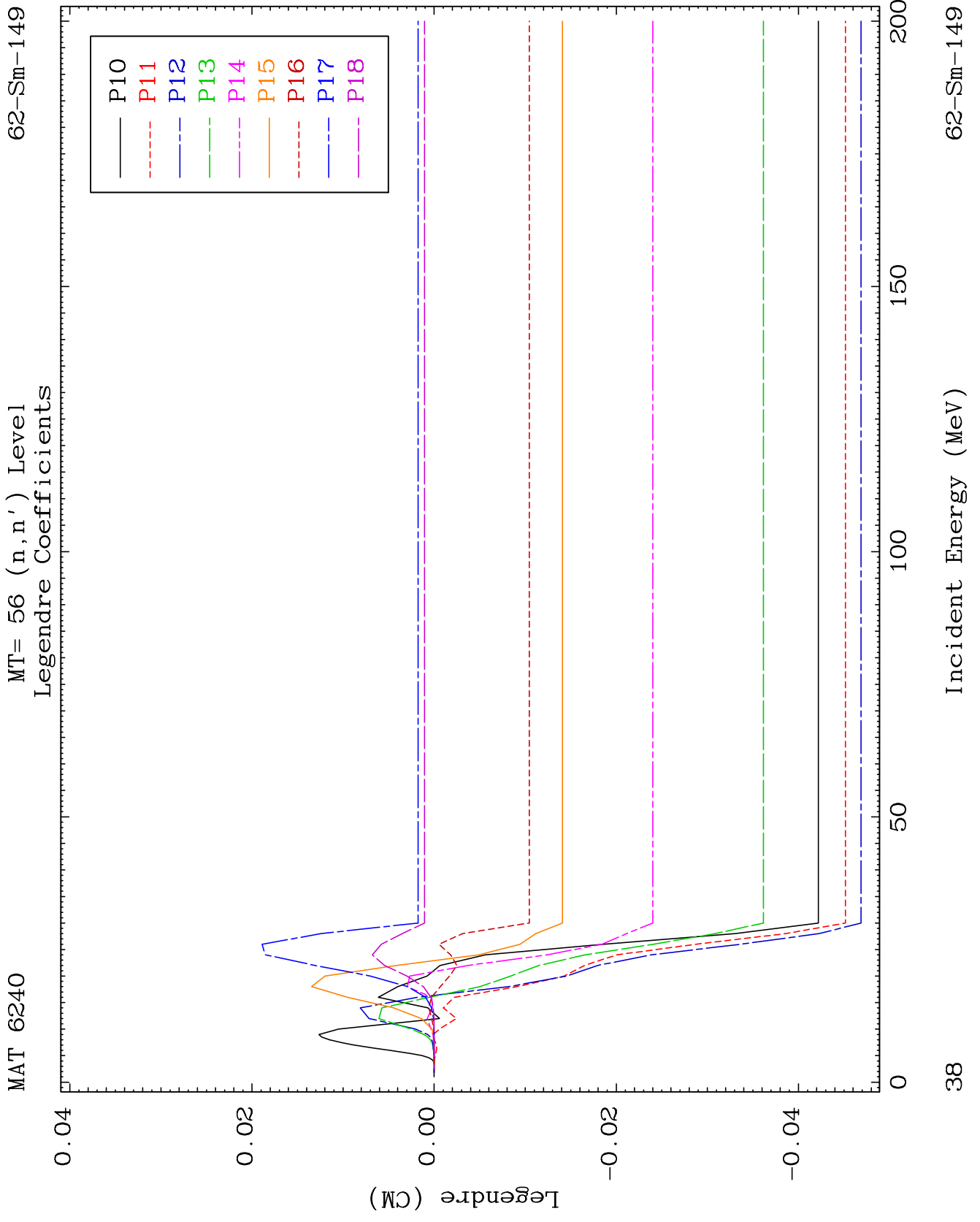
62-Sm-149



37

Incident Energy (MeV)

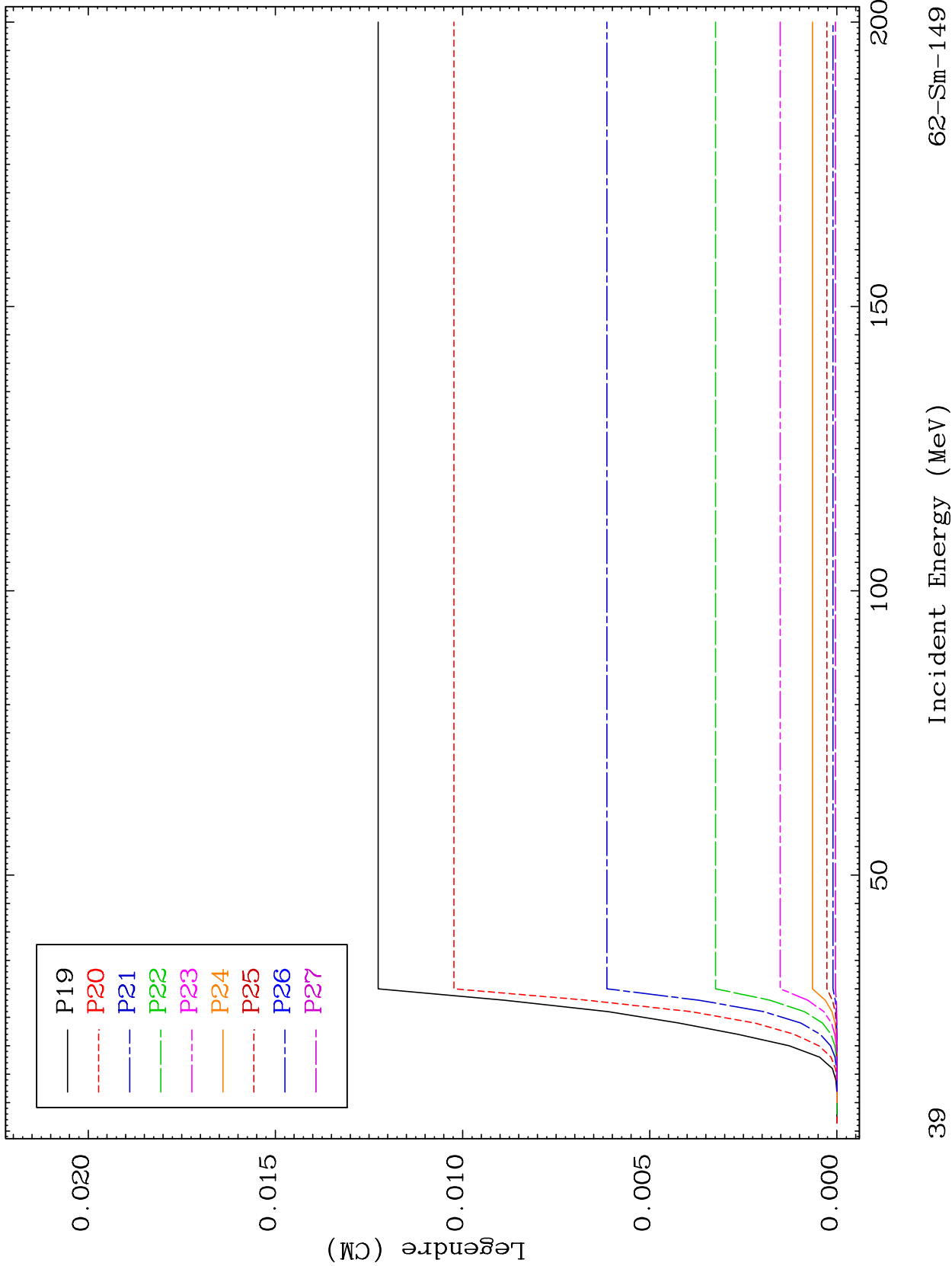
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MAT 6240

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

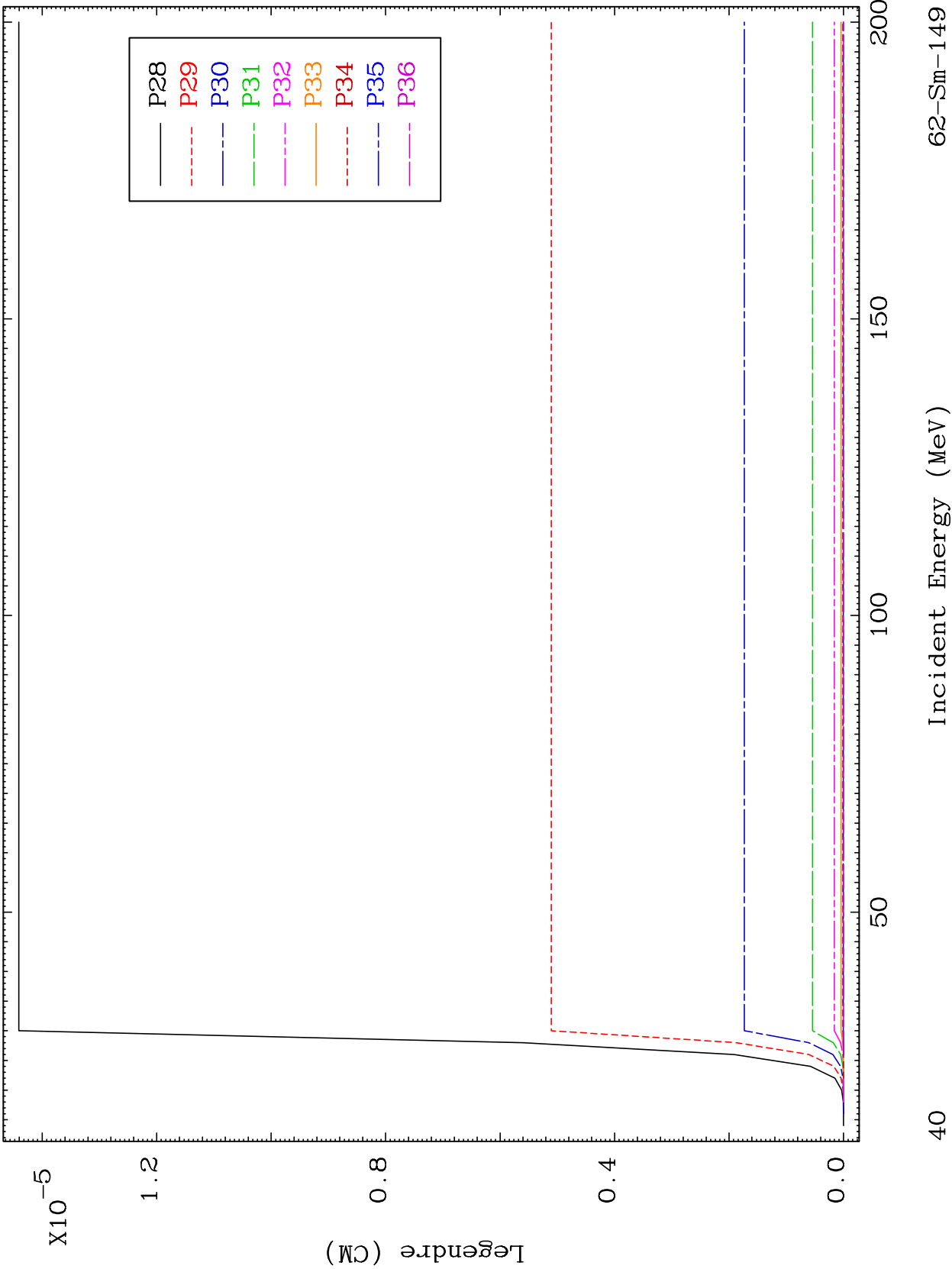
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MAT 6240

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

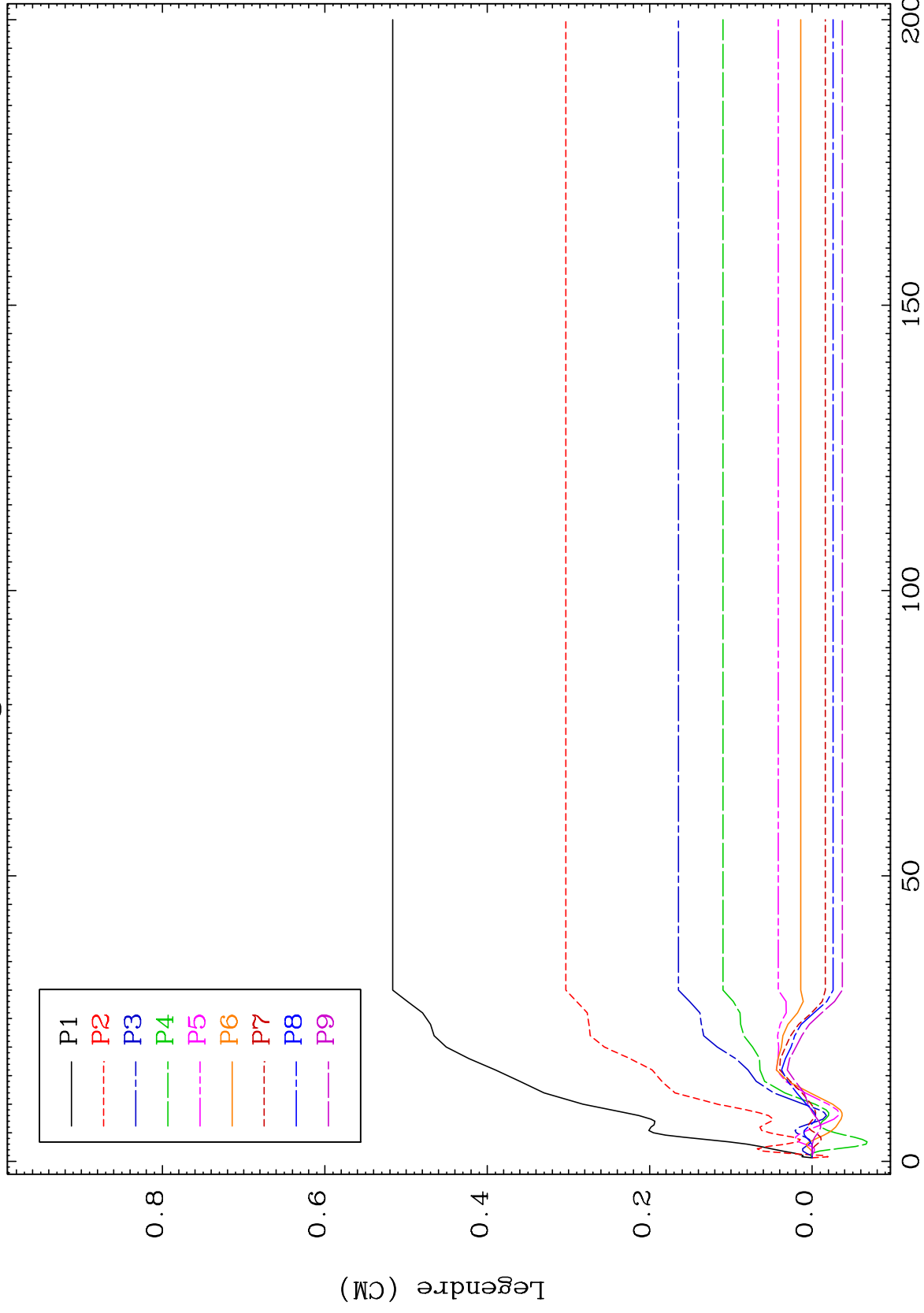
62-Sm-149



MAT 6240

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

62-Sm-149



41

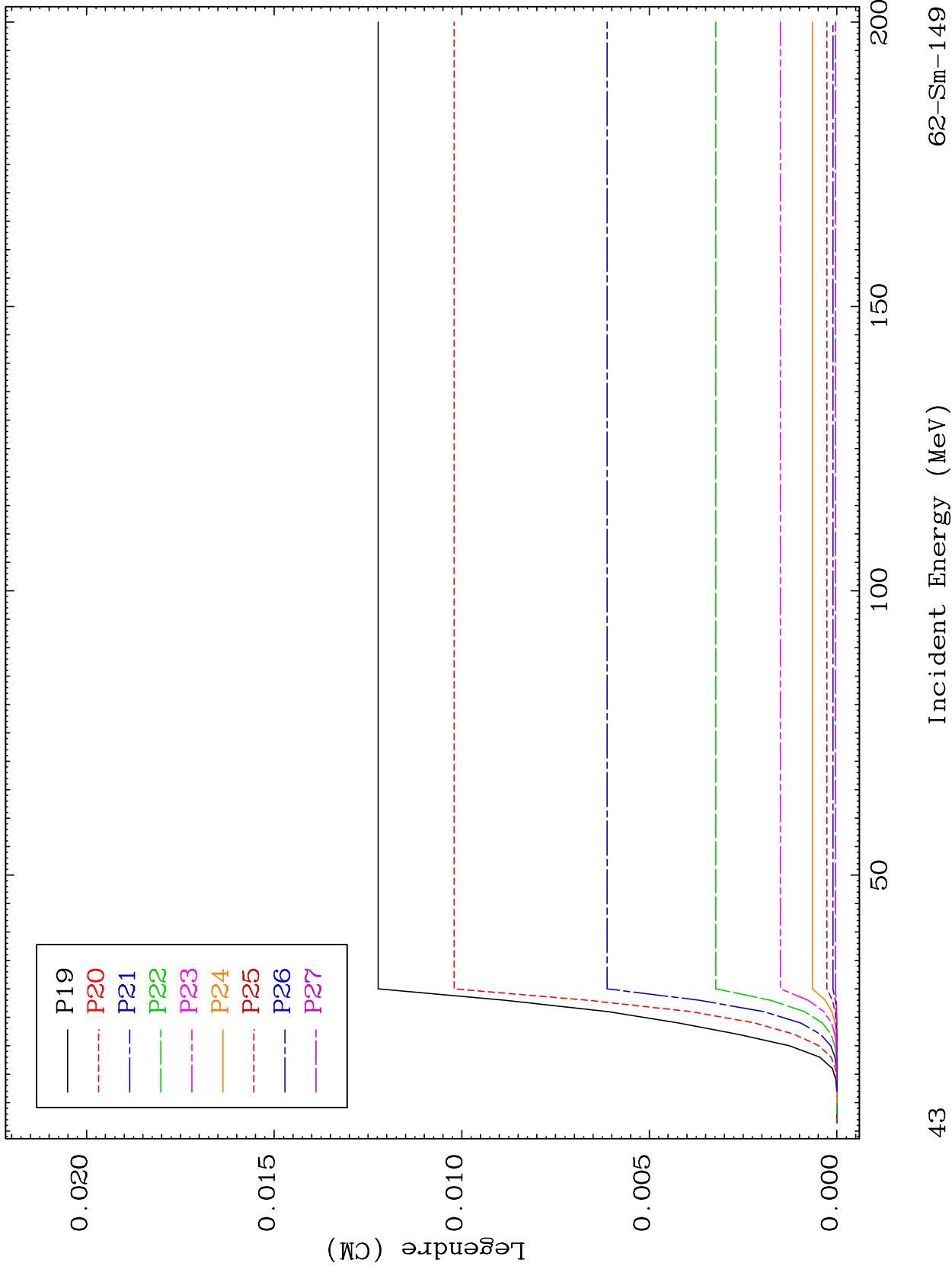
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

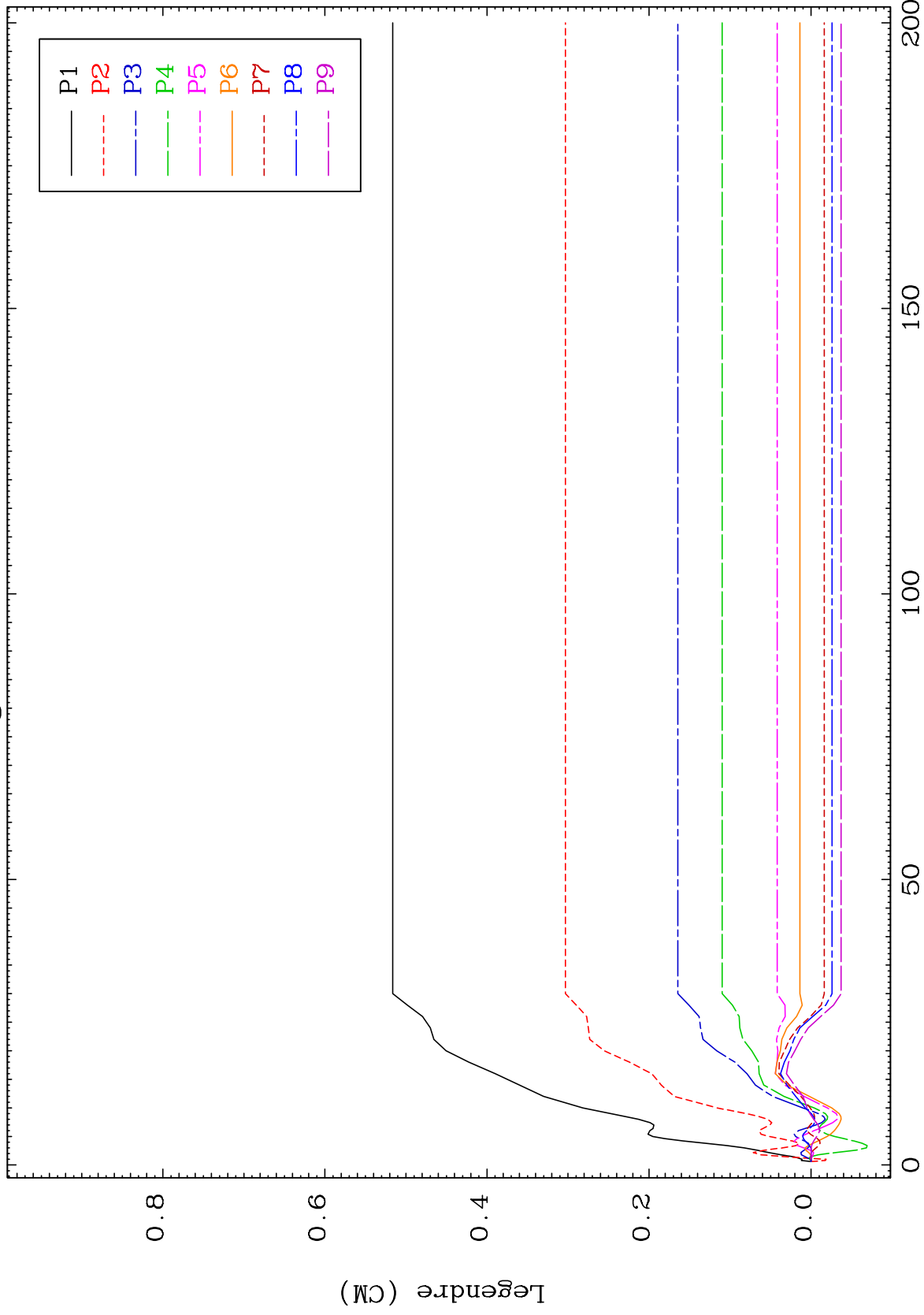
62-Sm-149



MAT 6240

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

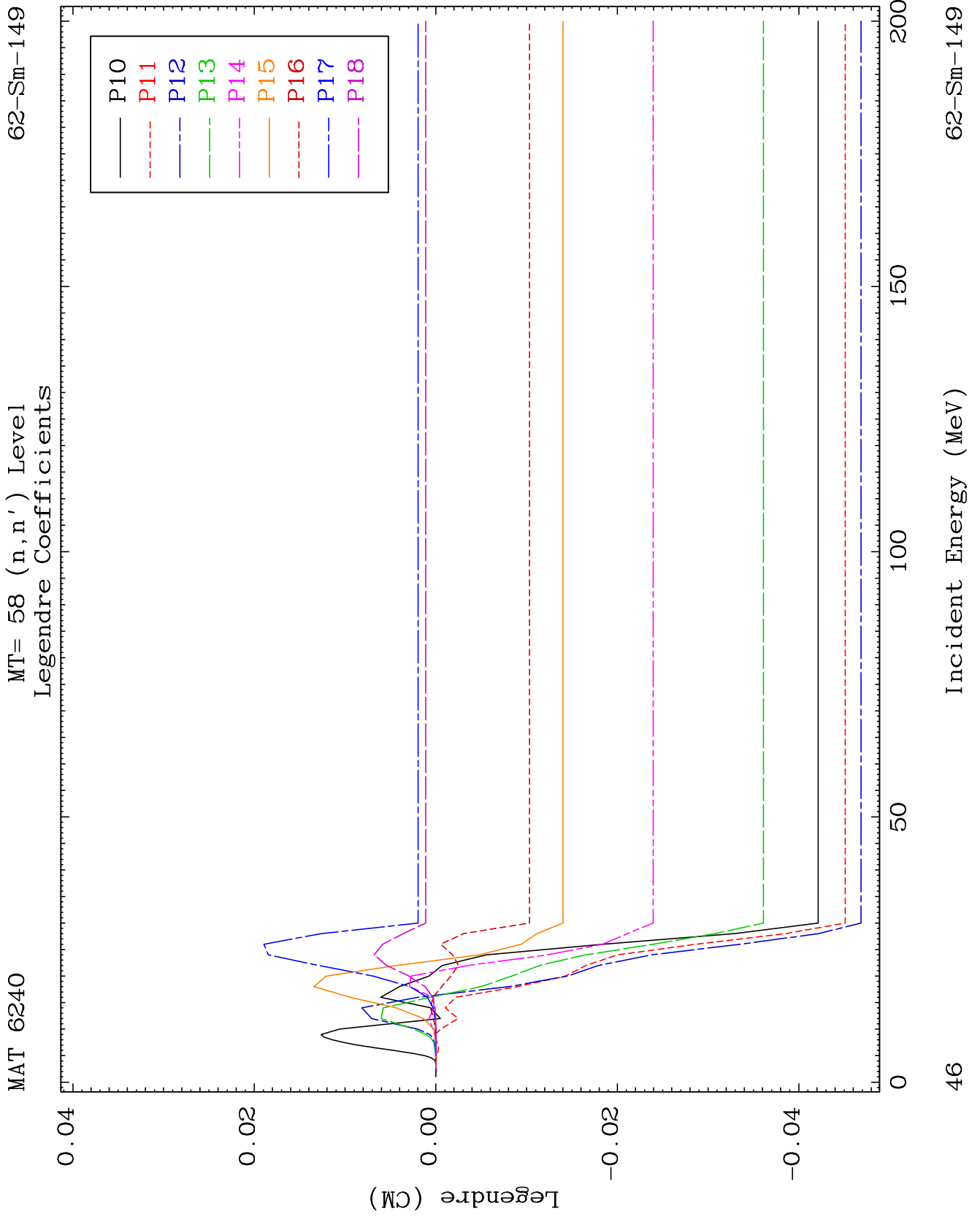
62-Sm-149



62-Sm-149

Incident Energy (MeV)

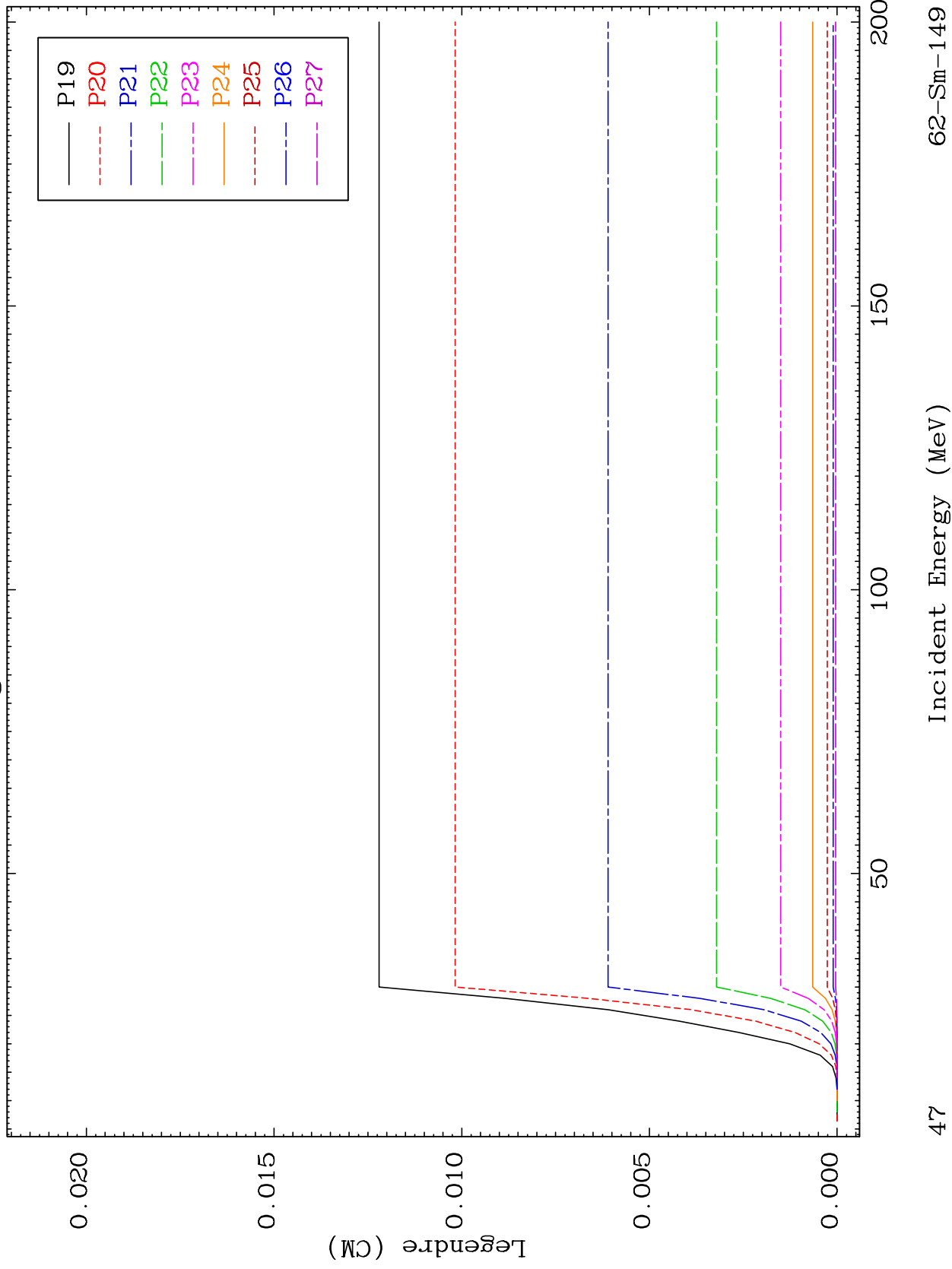
45



MAT 6240

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

62-Sm-149



47

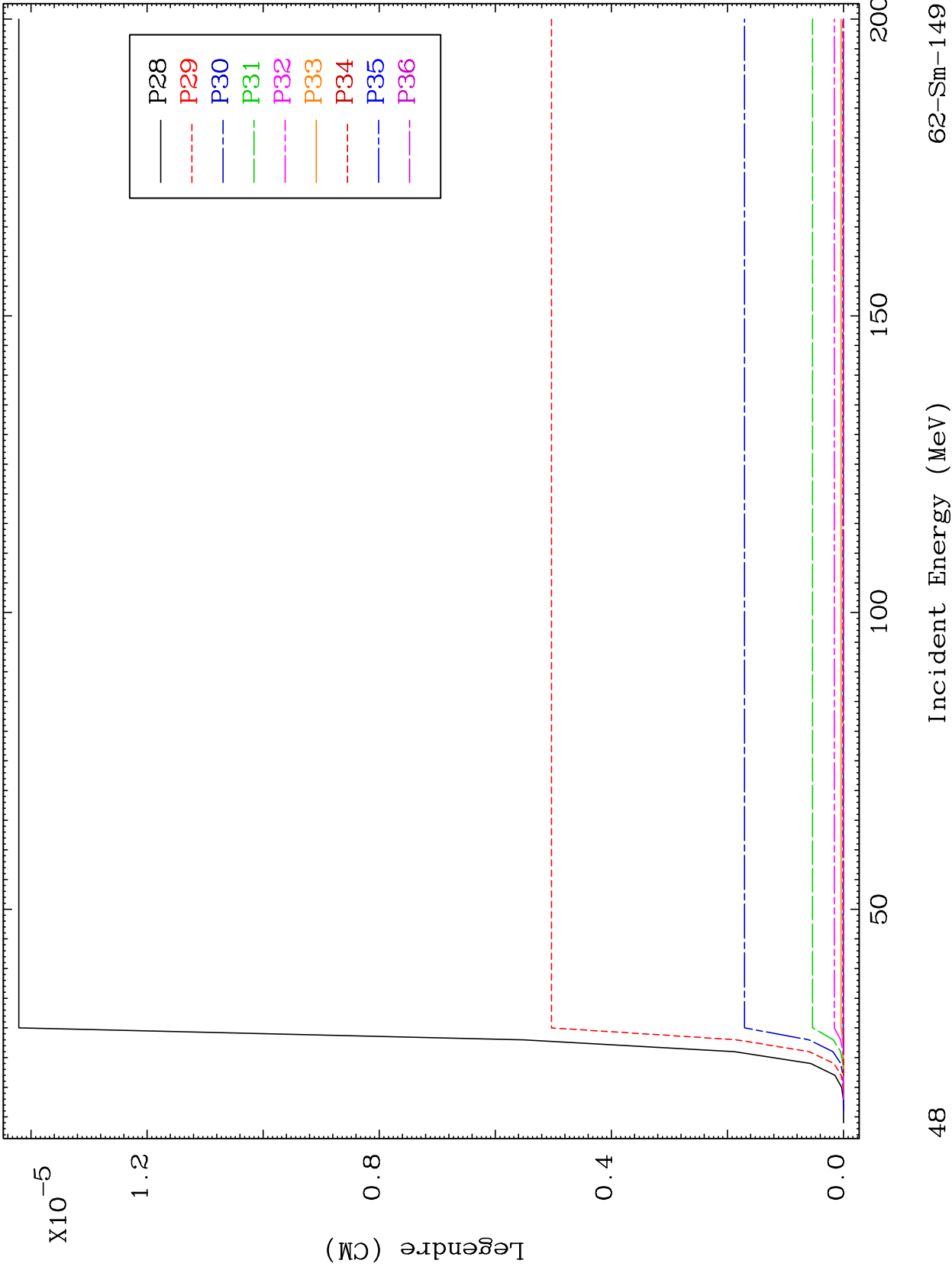
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

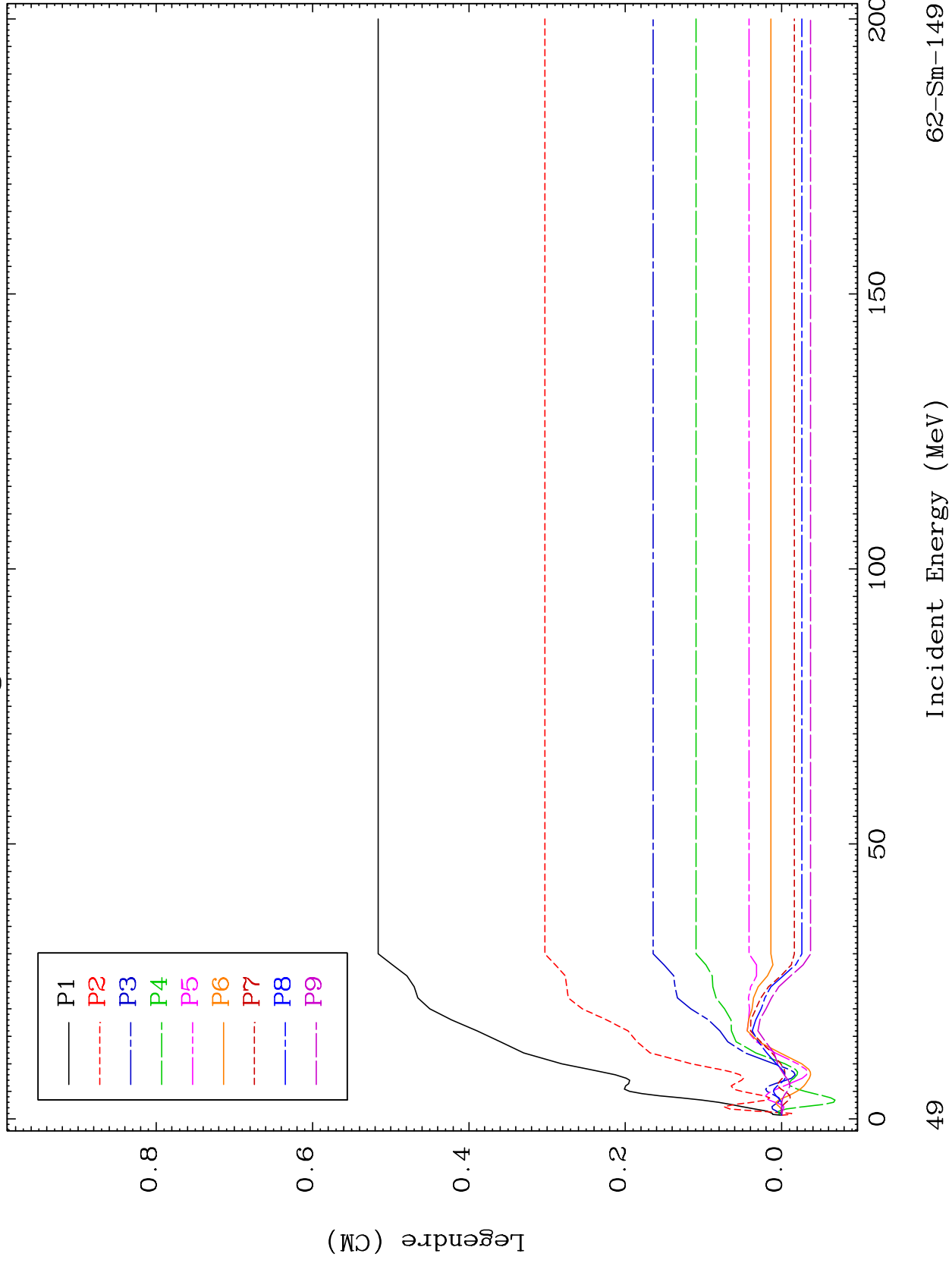
62-Sm-149



MAT 6240

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

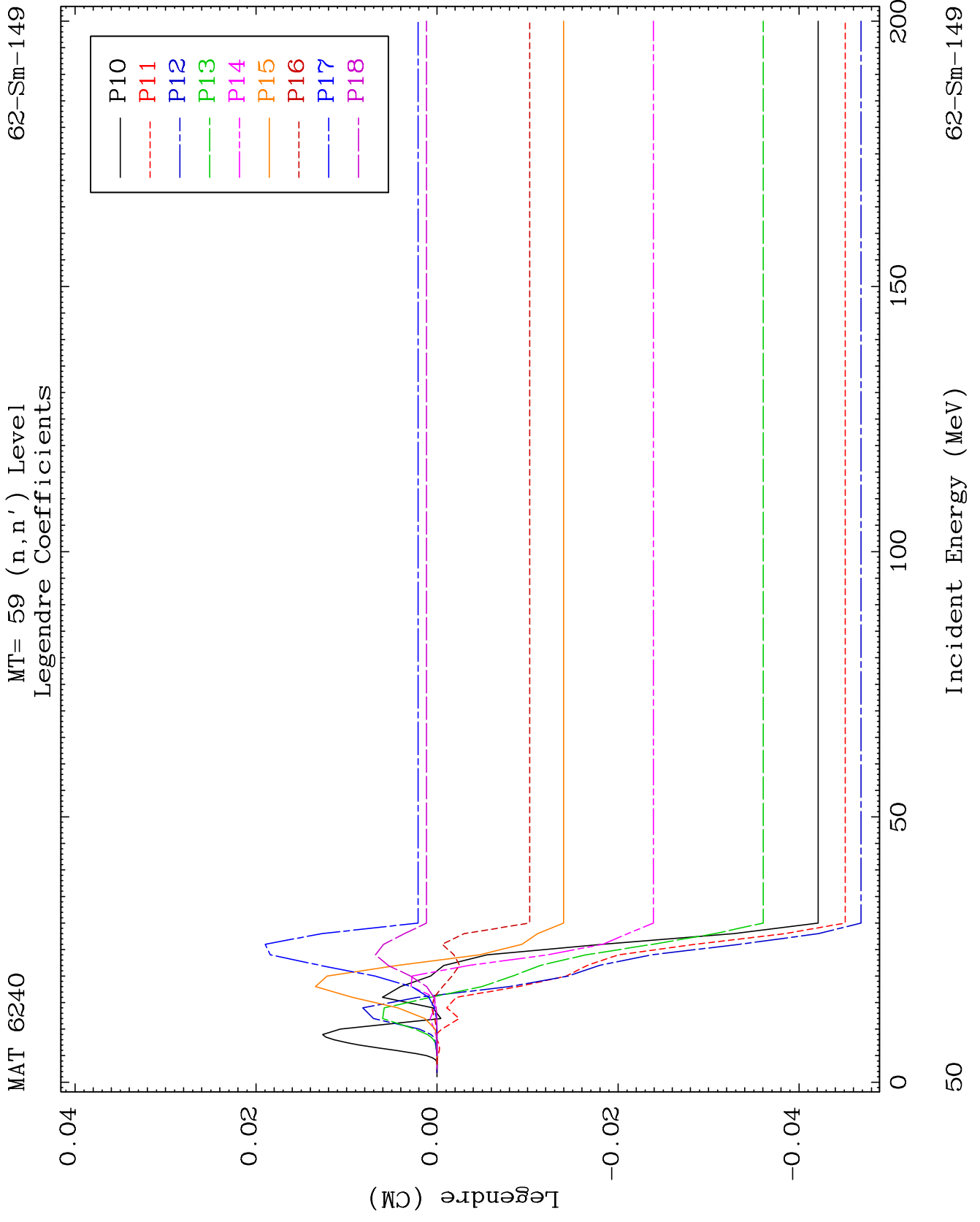
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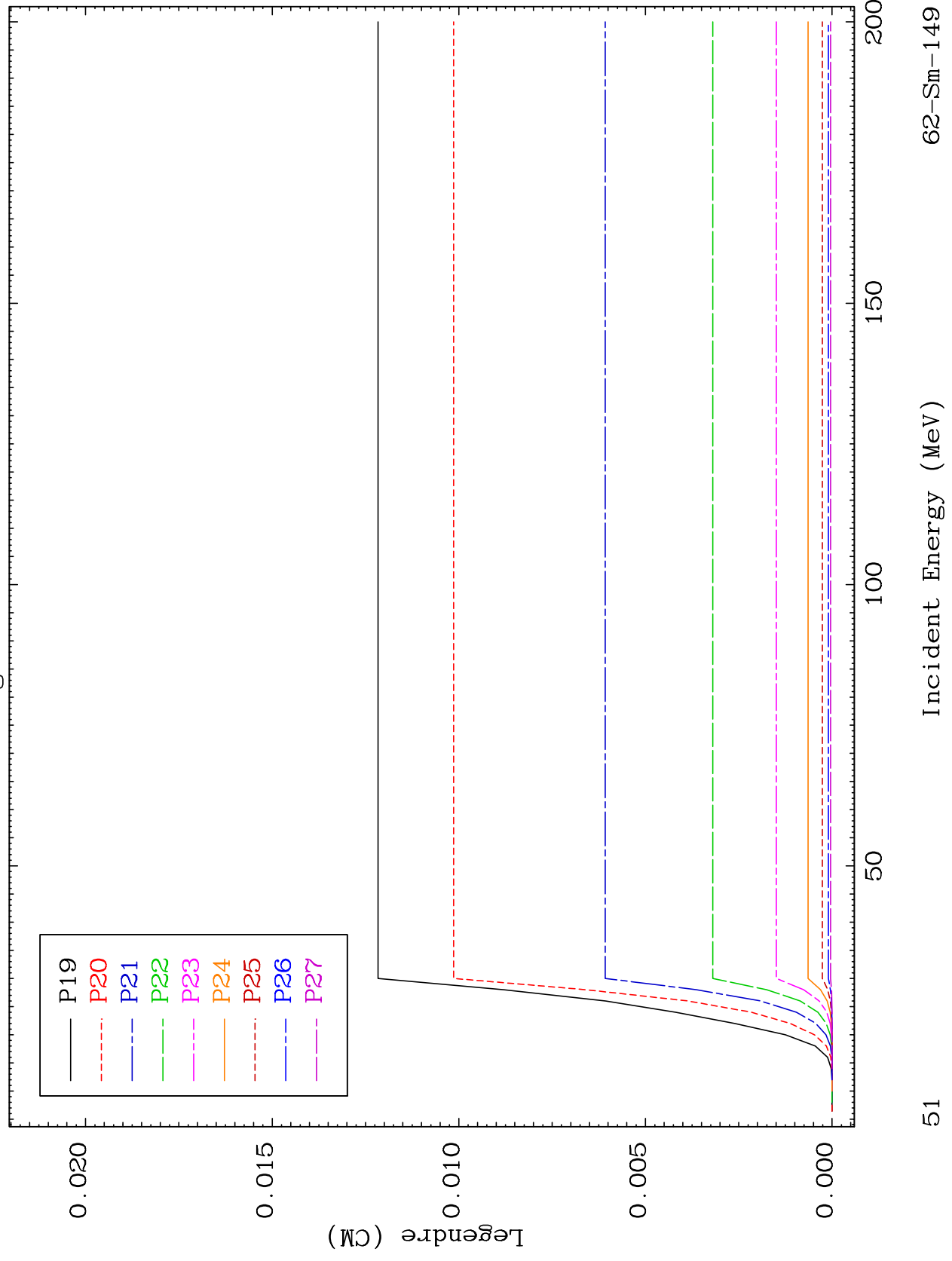


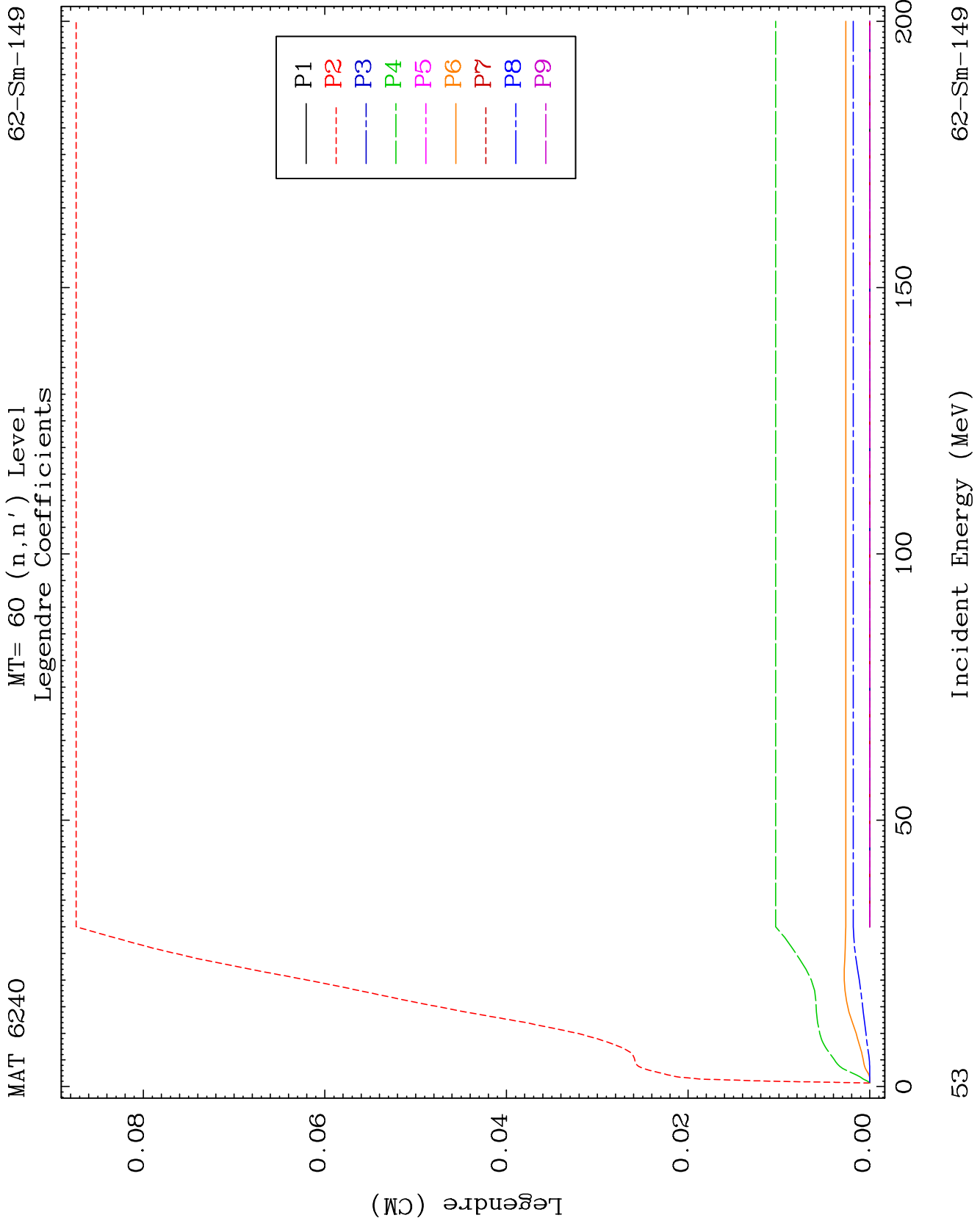
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Incident Energy (MeV)

62-Sm-149



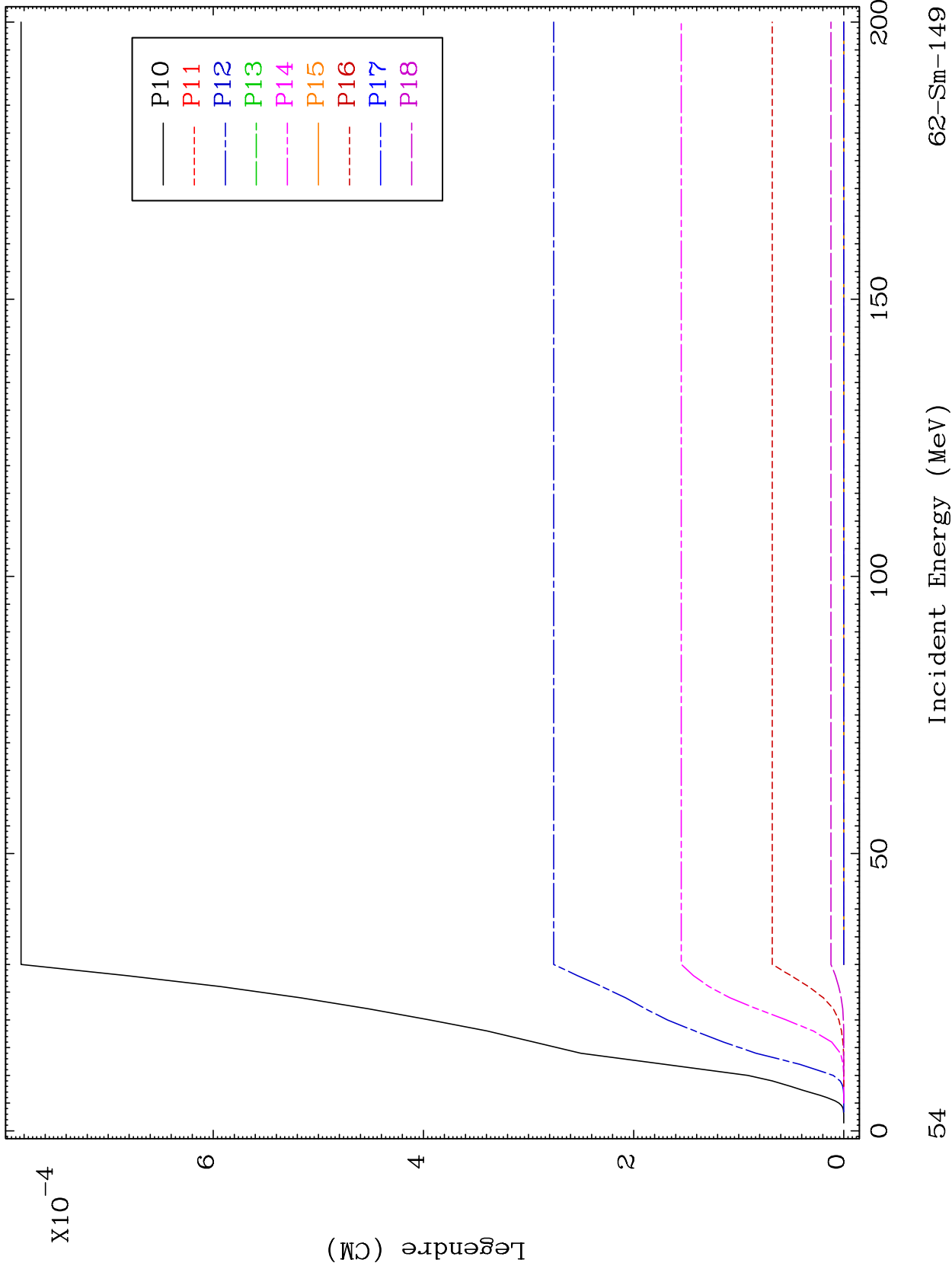




MAT 6240

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

62-Sm-149



54

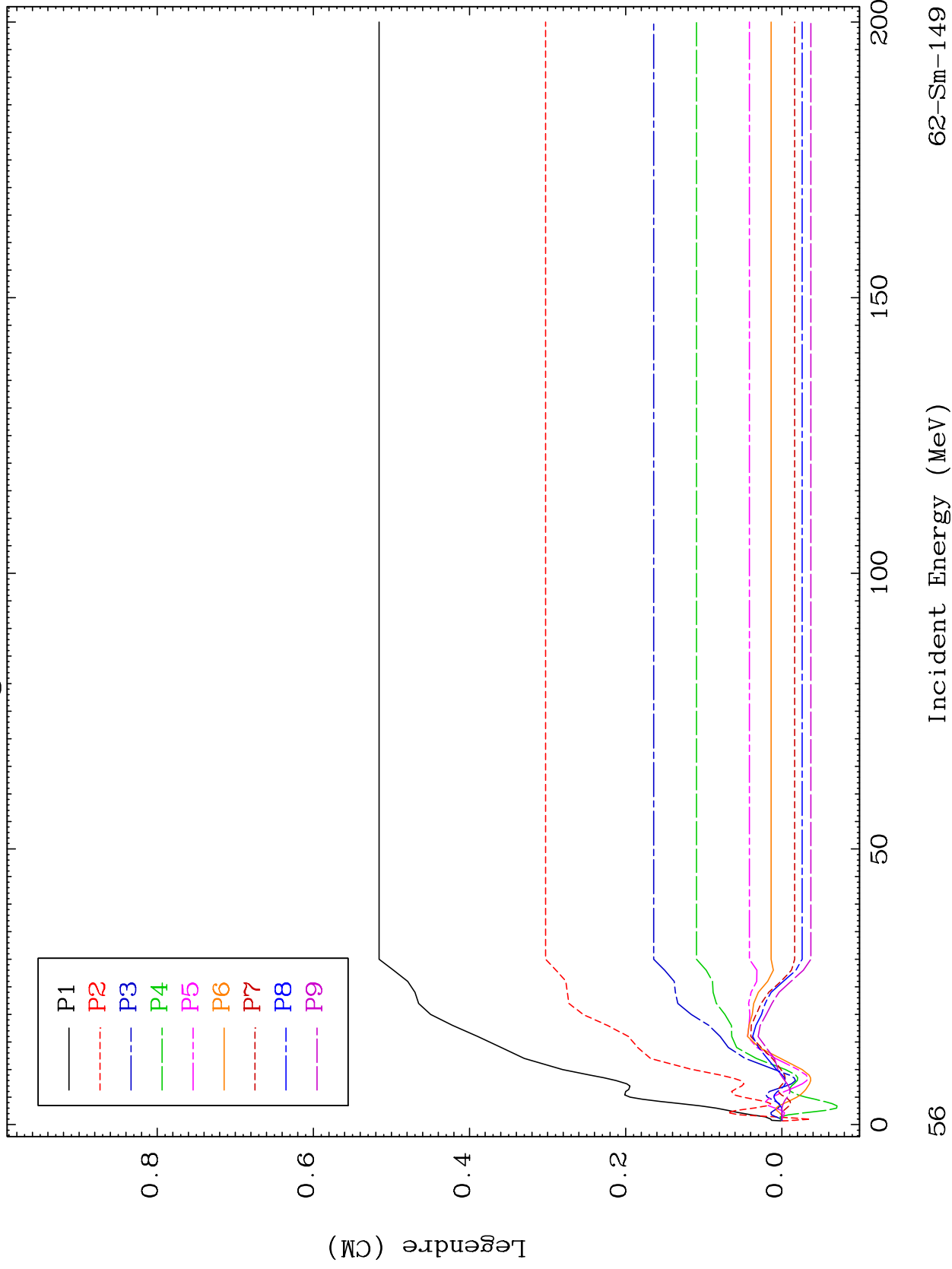
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

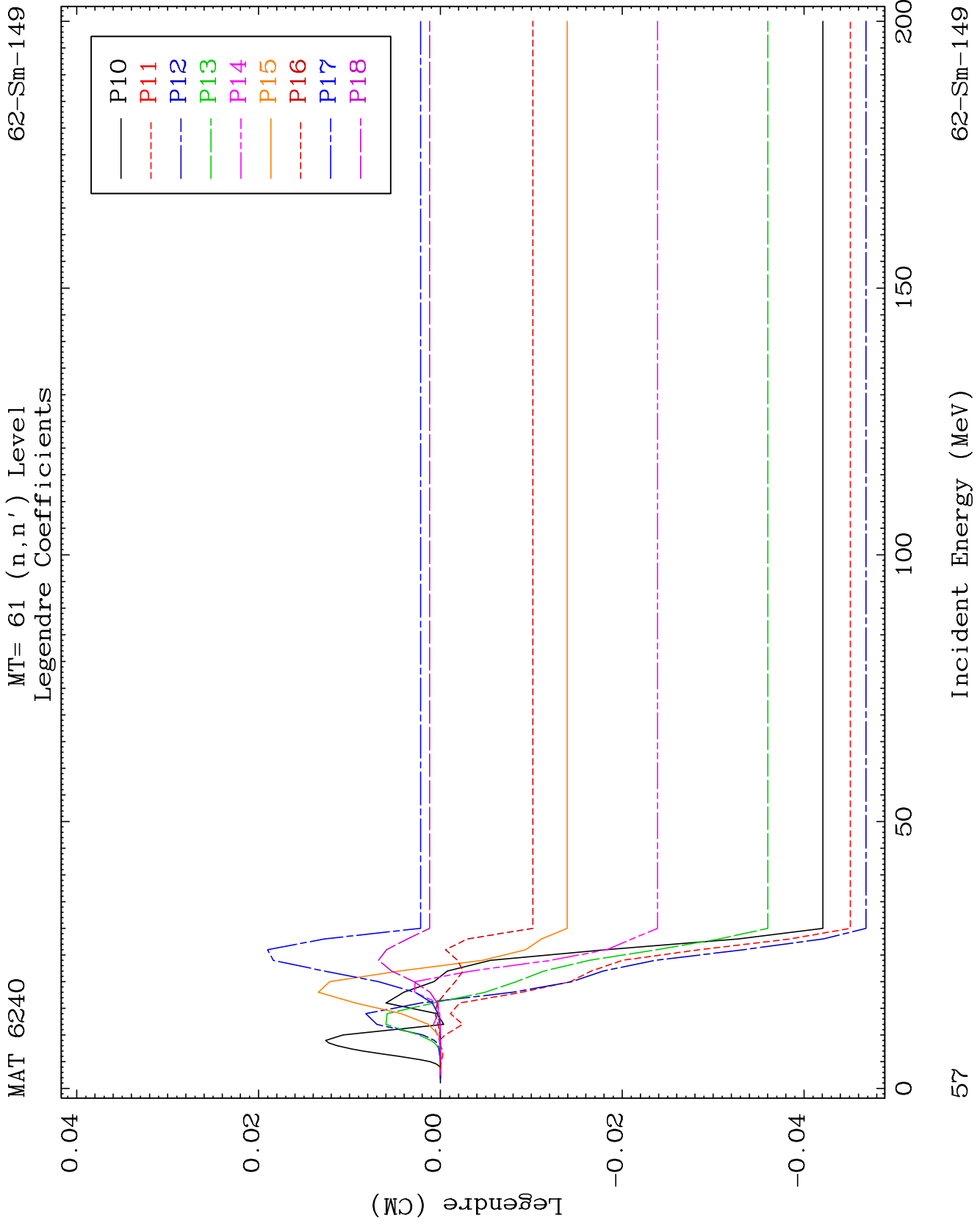
62-Sm-149



56

Incident Energy (MeV)

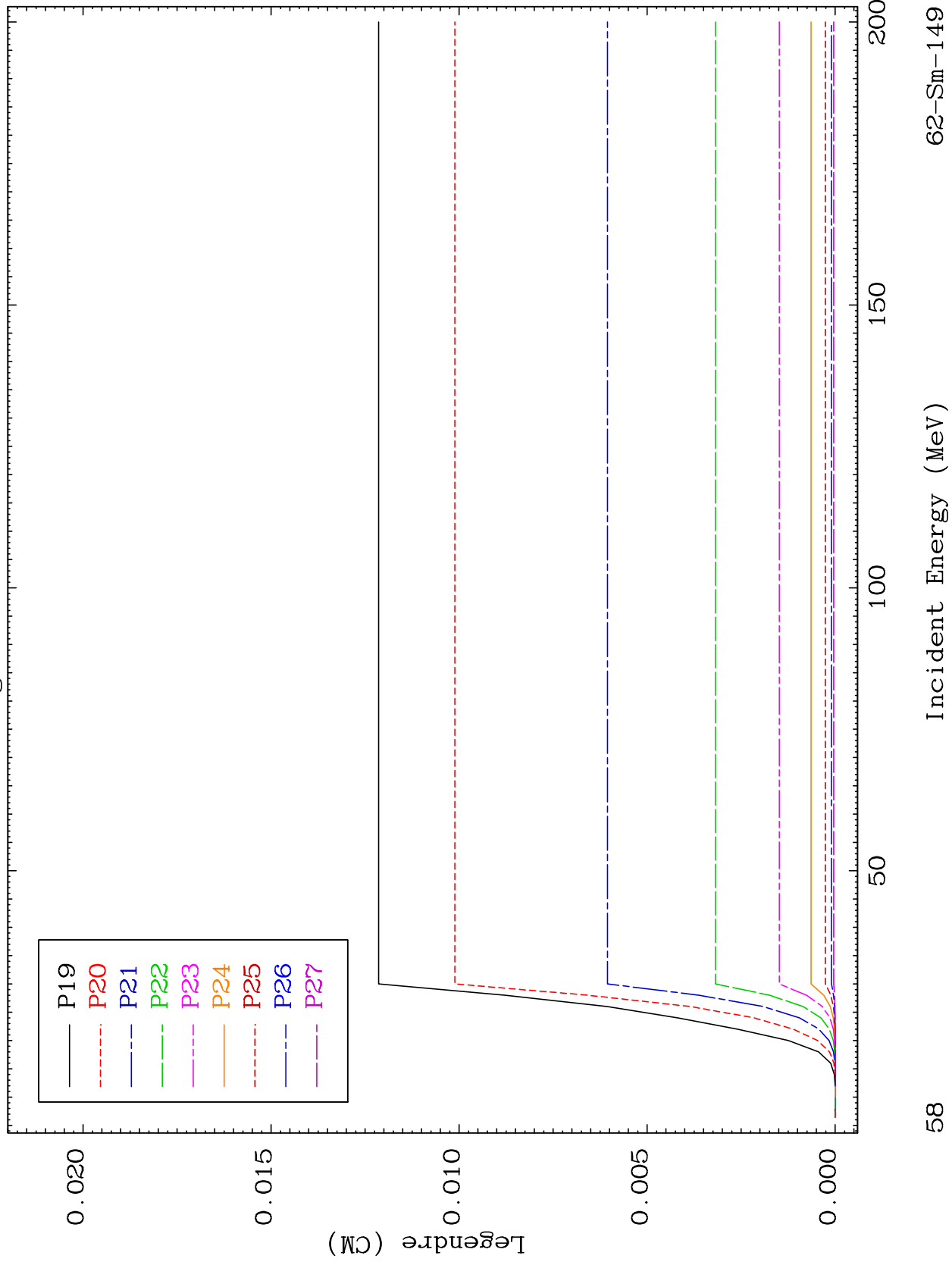
62-Sm-149



MAT 6240

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

62-Sm-149



58

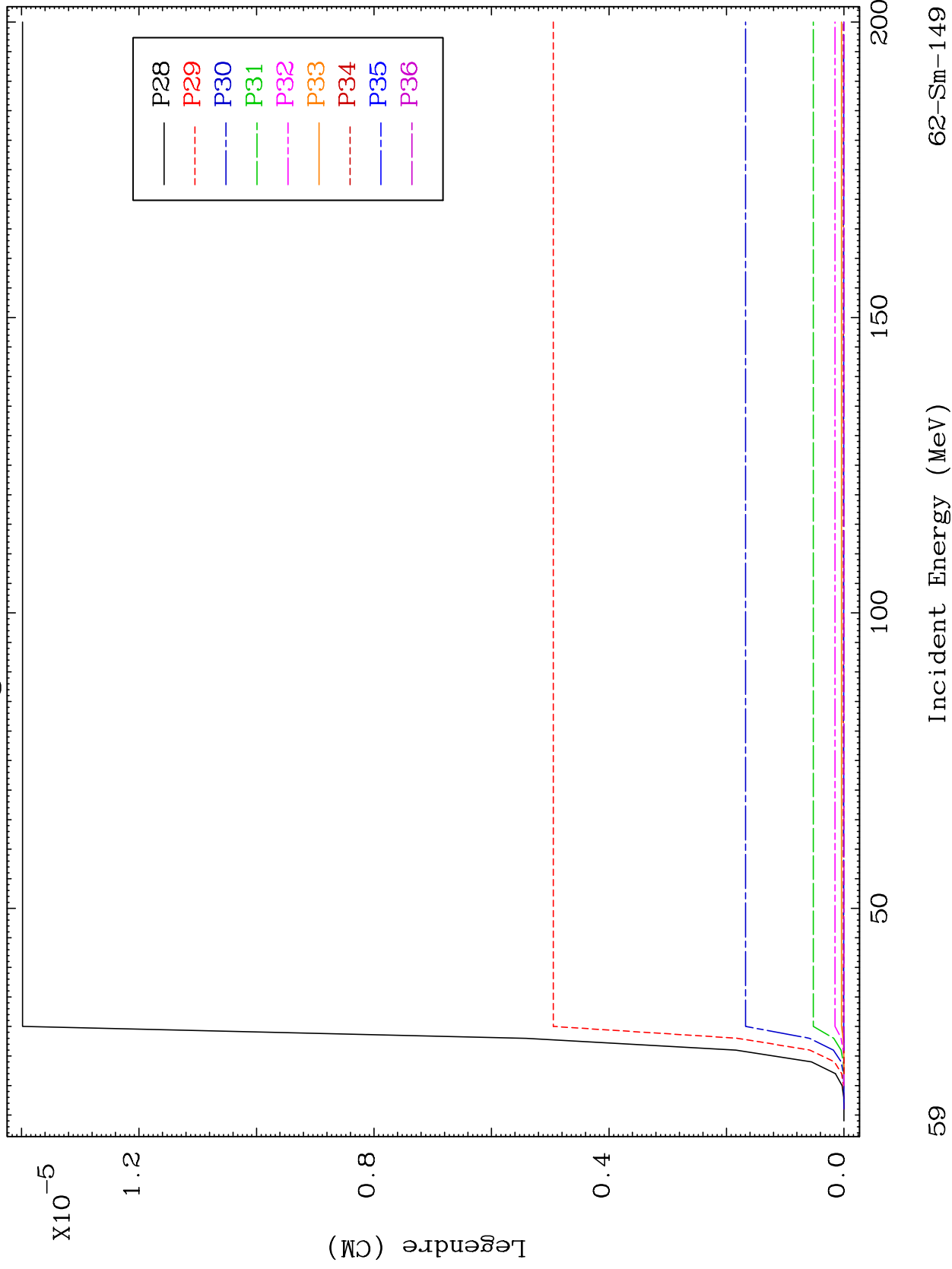
Incident Energy (MeV)

62-Sm-149

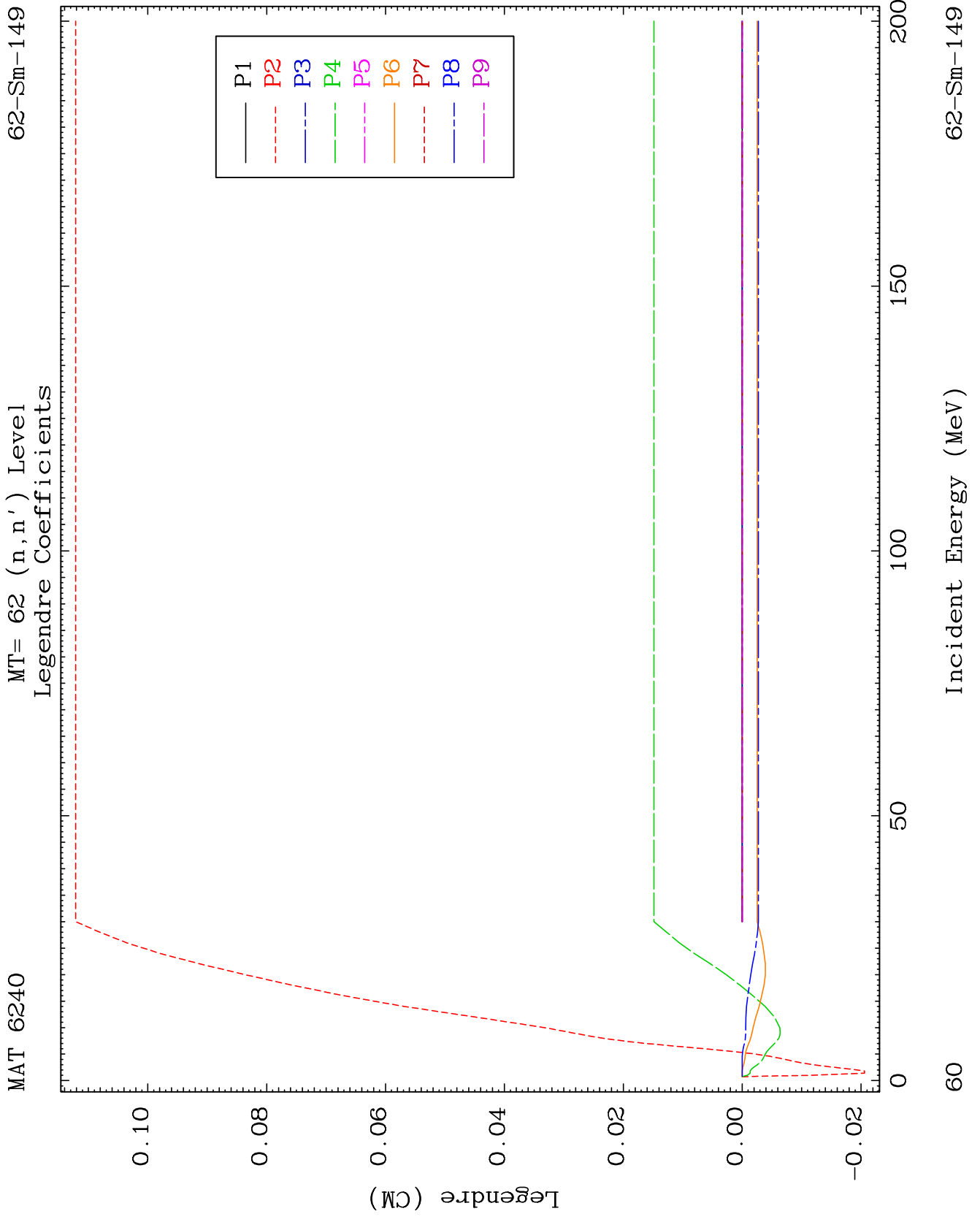
MAT 6240

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

62-Sm-149



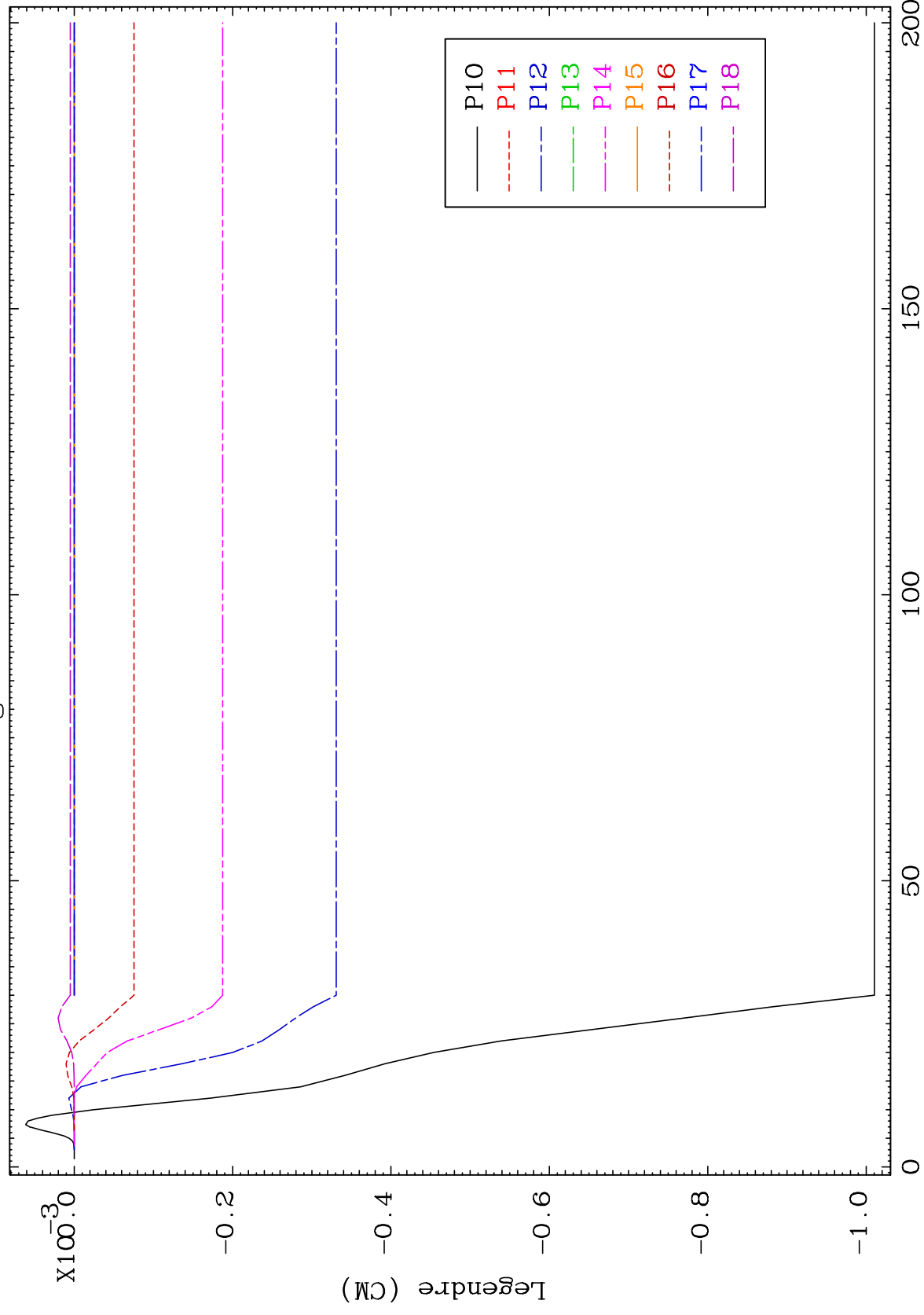
59



MAT 6240

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

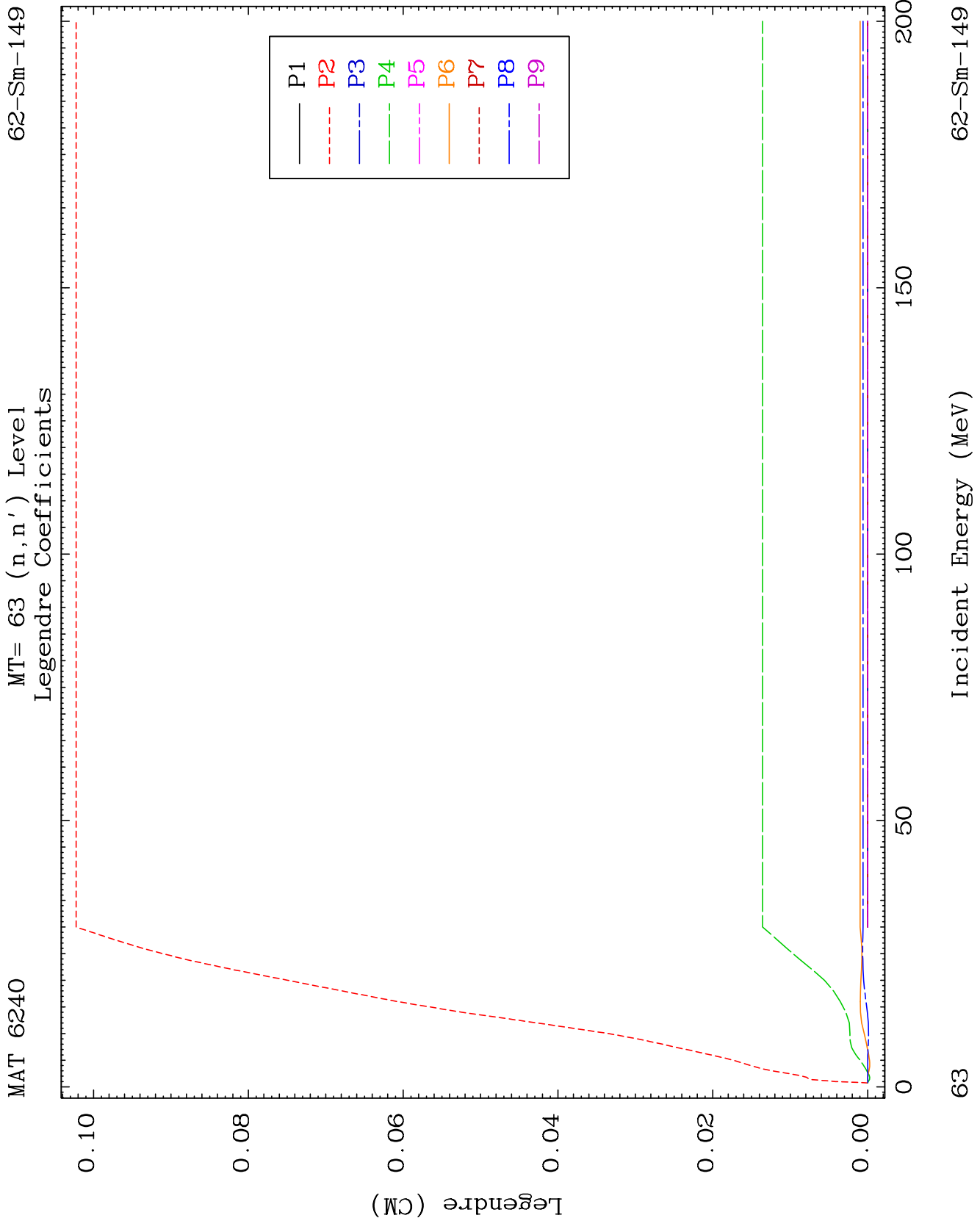
62-Sm-149



61

Incident Energy (MeV)

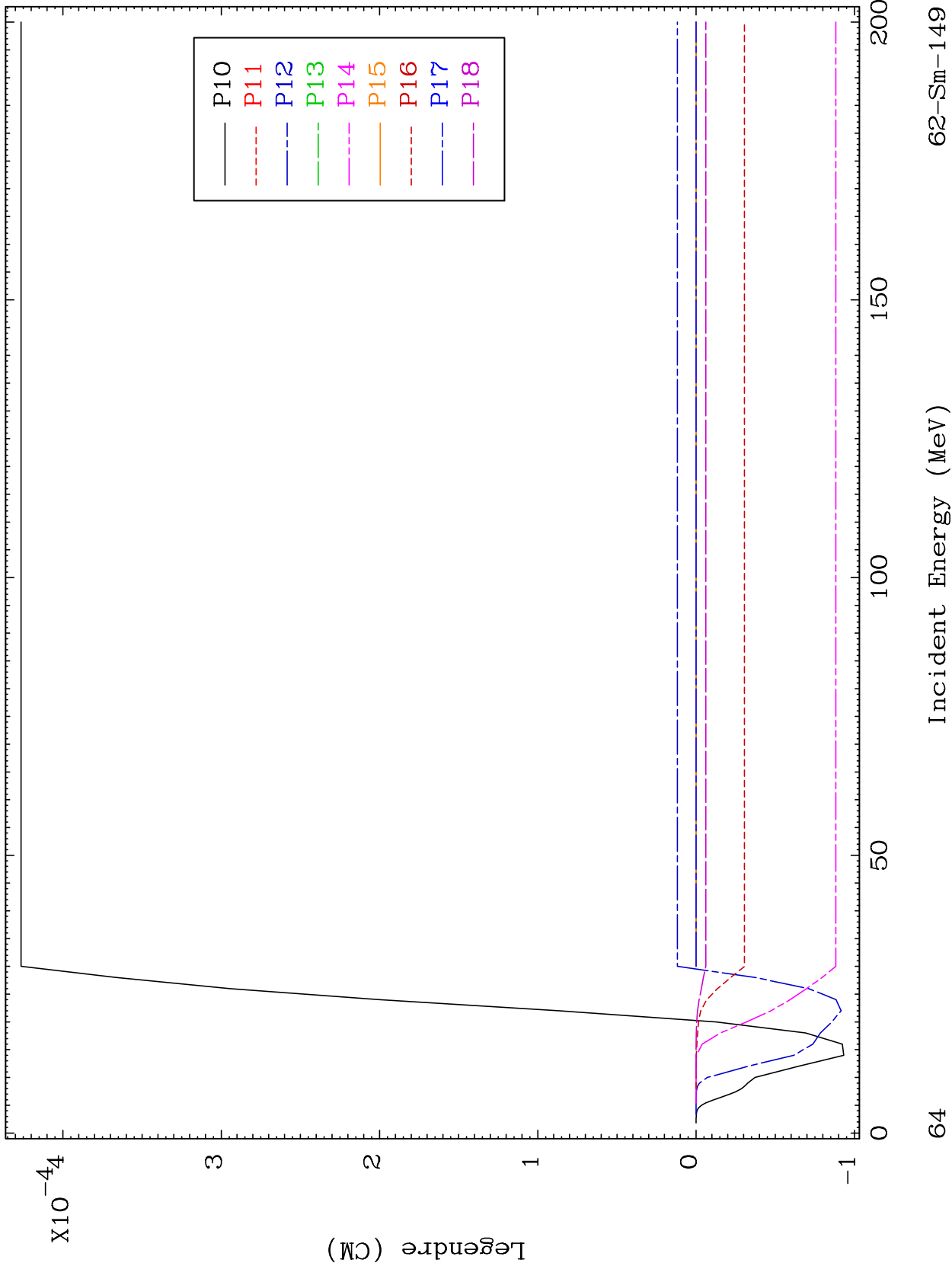
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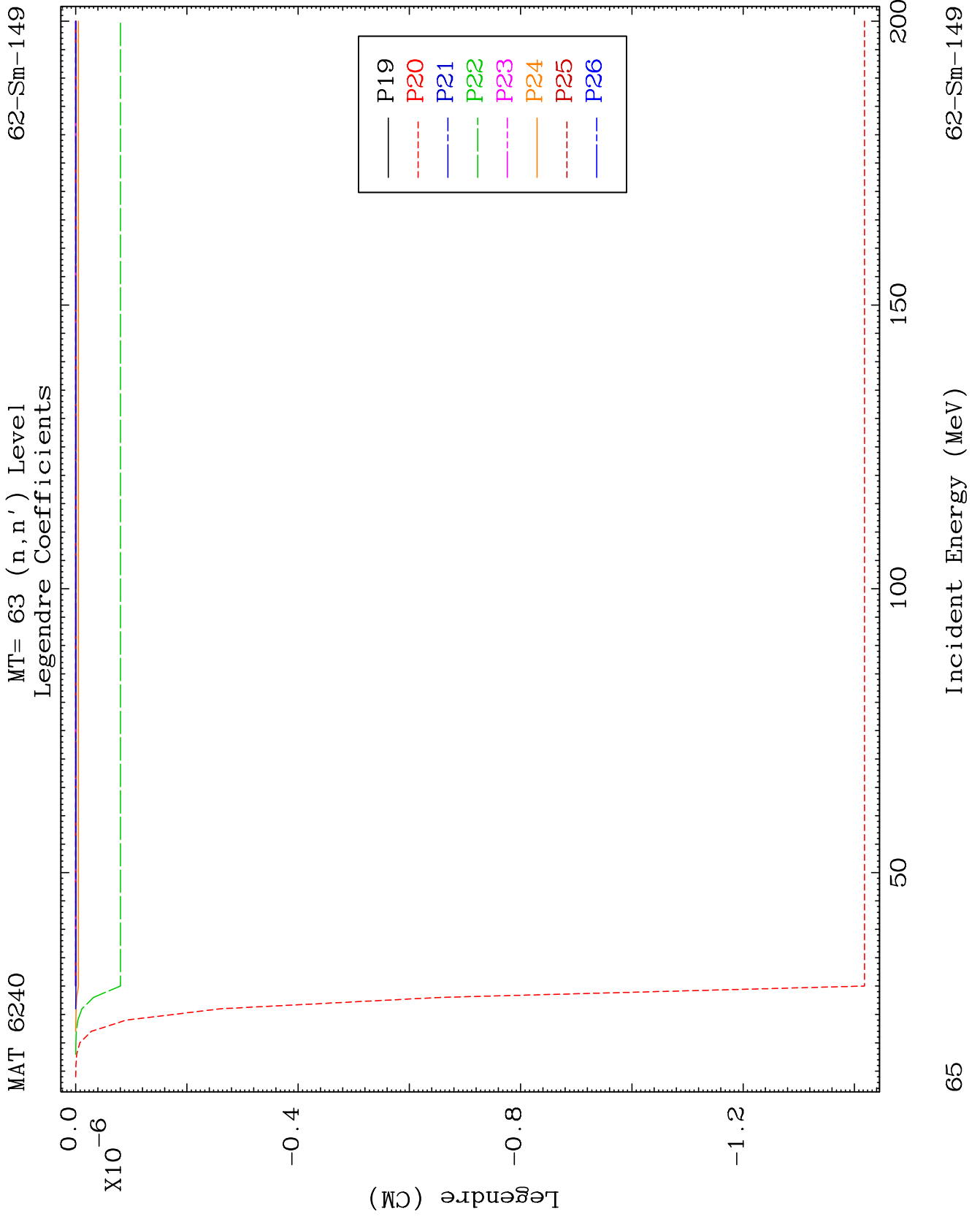


MAT 6240

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

62-Sm-149

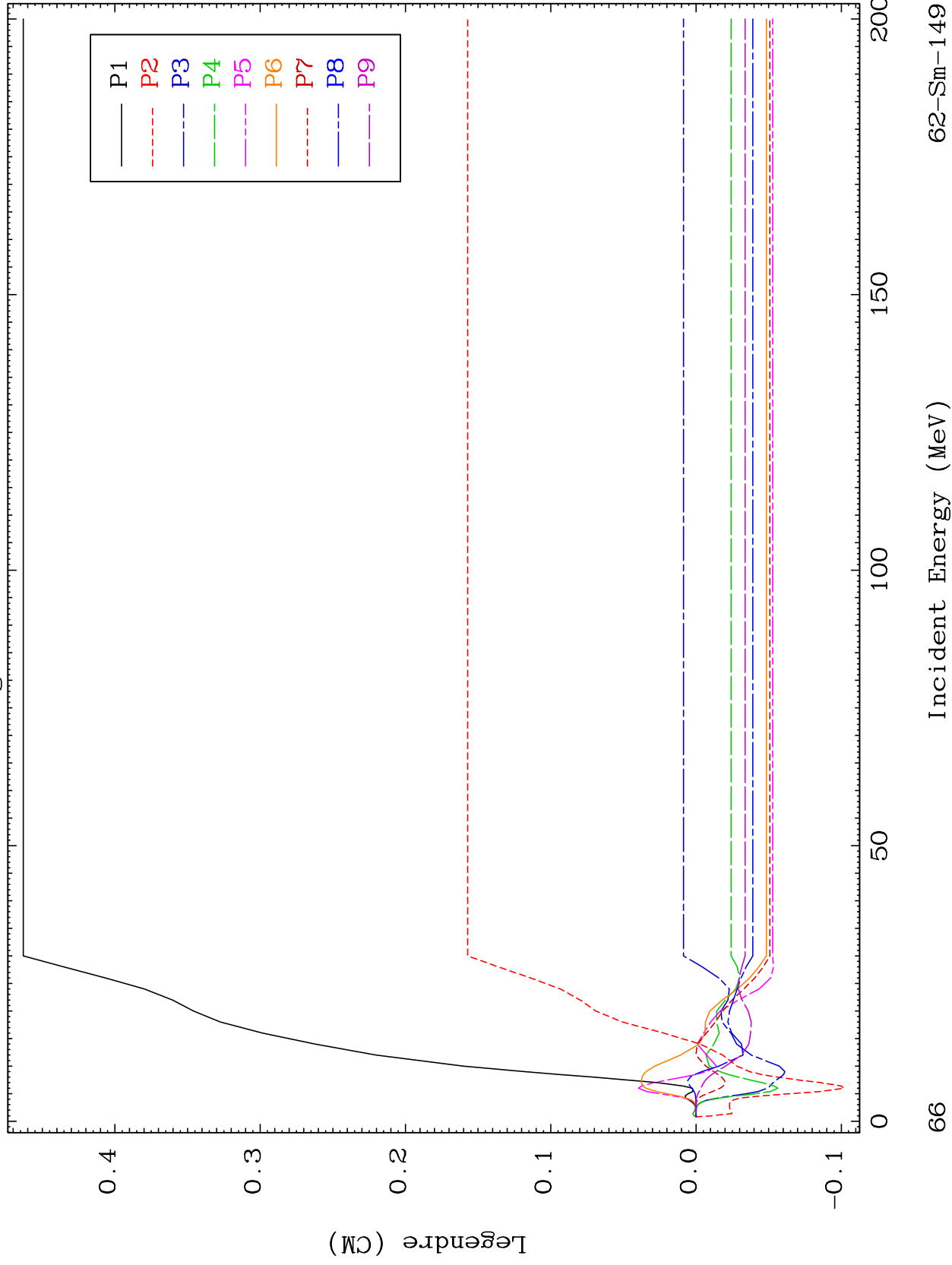




MAT 6240

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

62-Sm-149



62-Sm-149

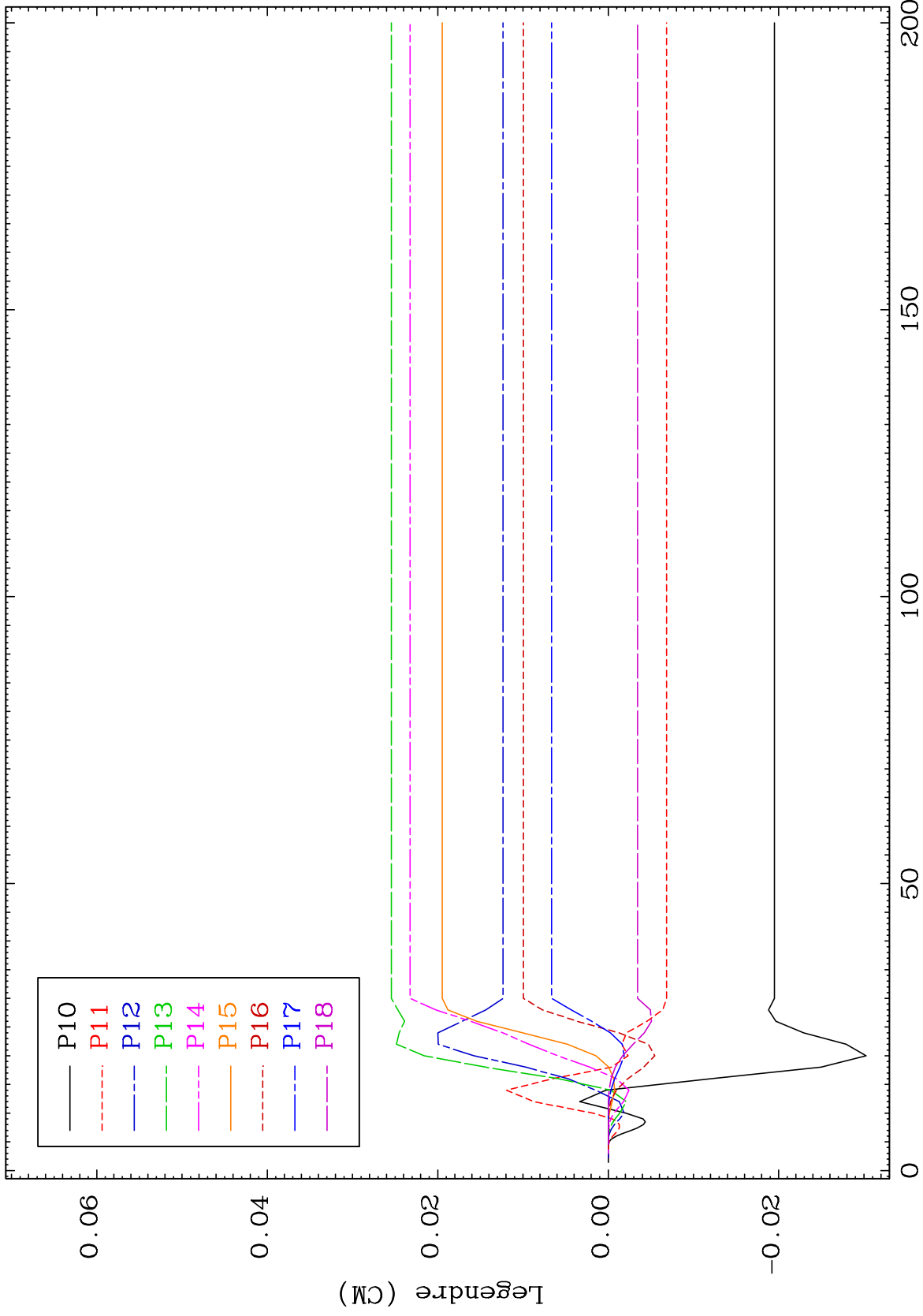
Incident Energy (MeV)

66

MAT 6240

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

62-Sm-149



67

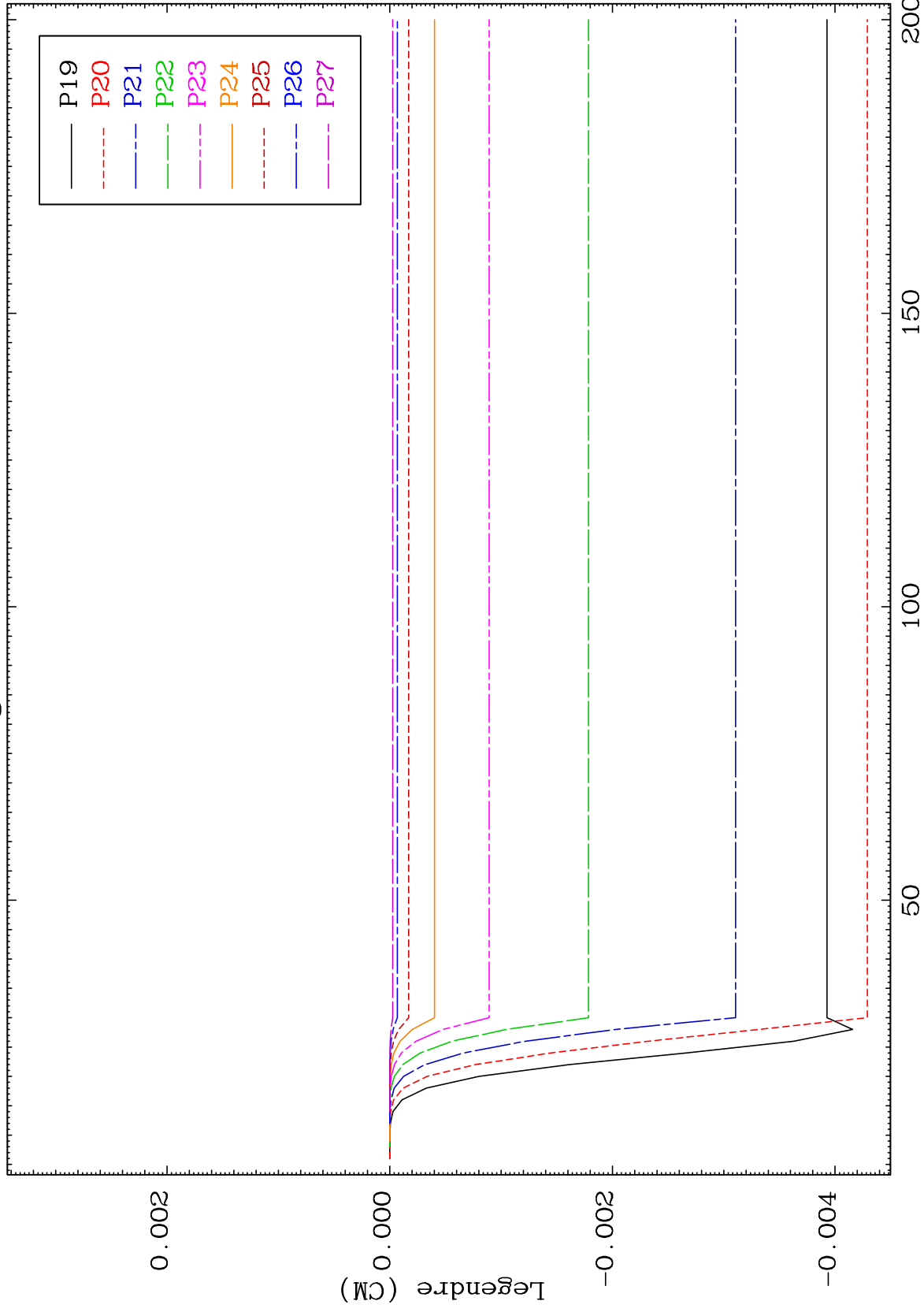
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

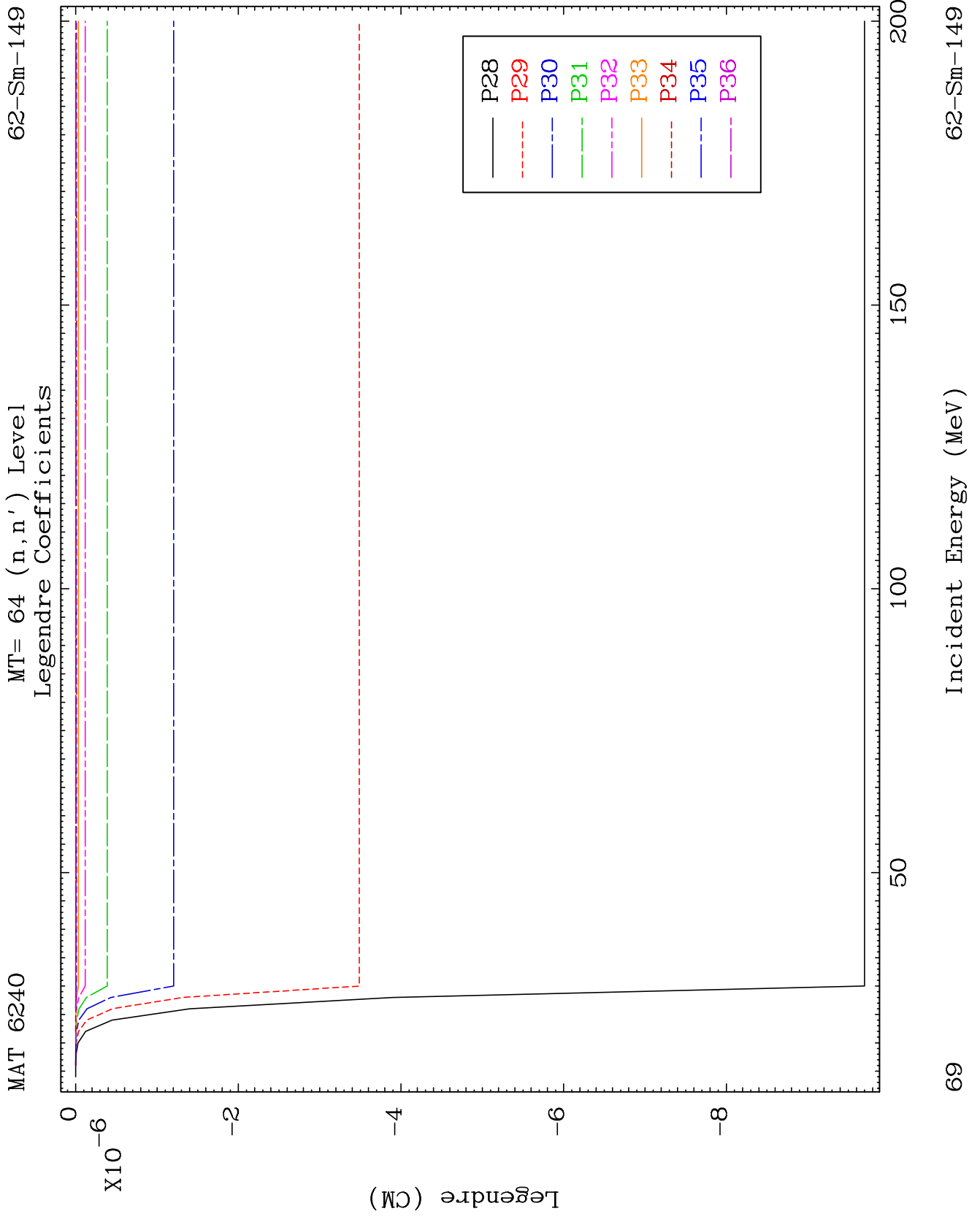
62-Sm-149



68

Incident Energy (MeV)

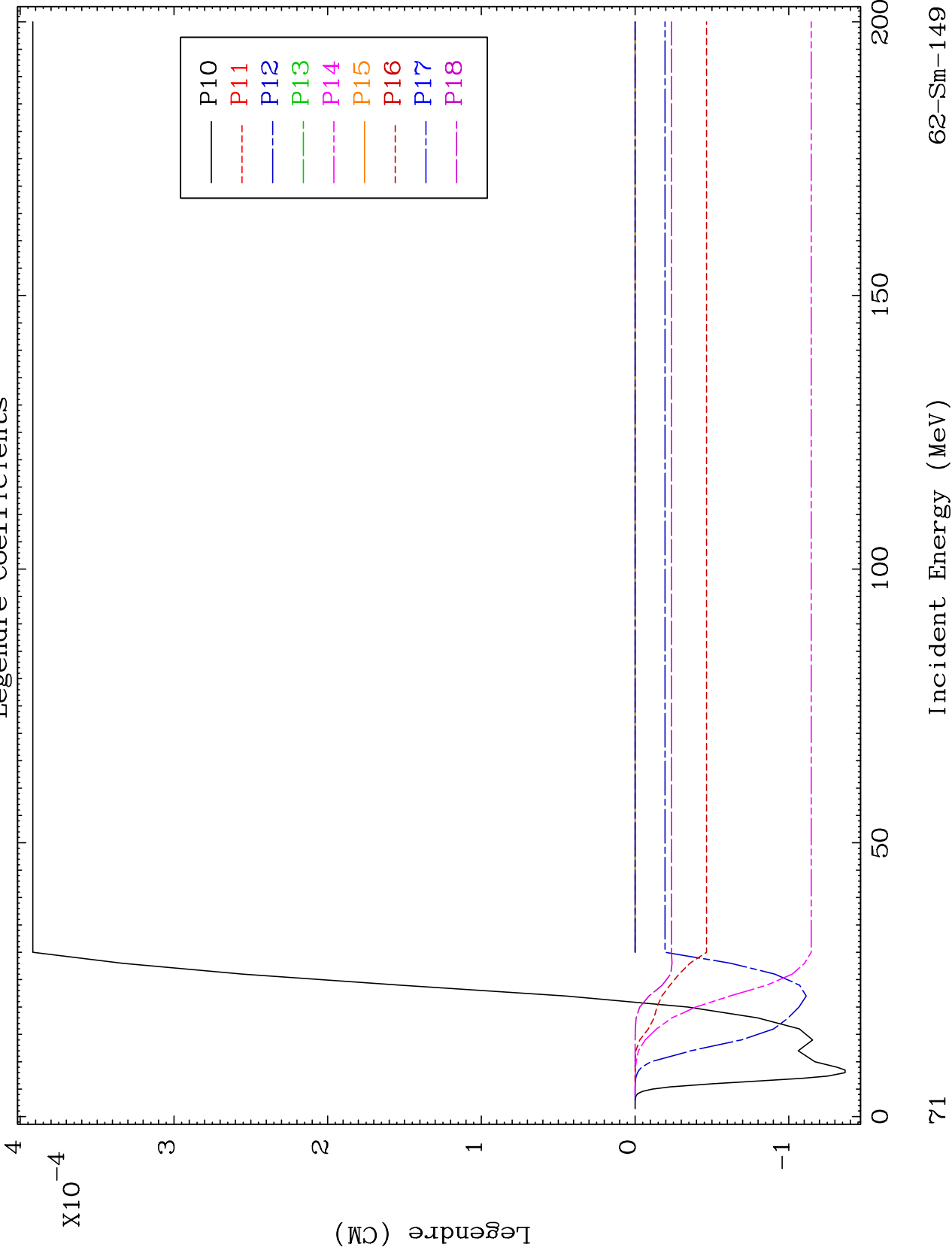
62-Sm-149



MAT 6240

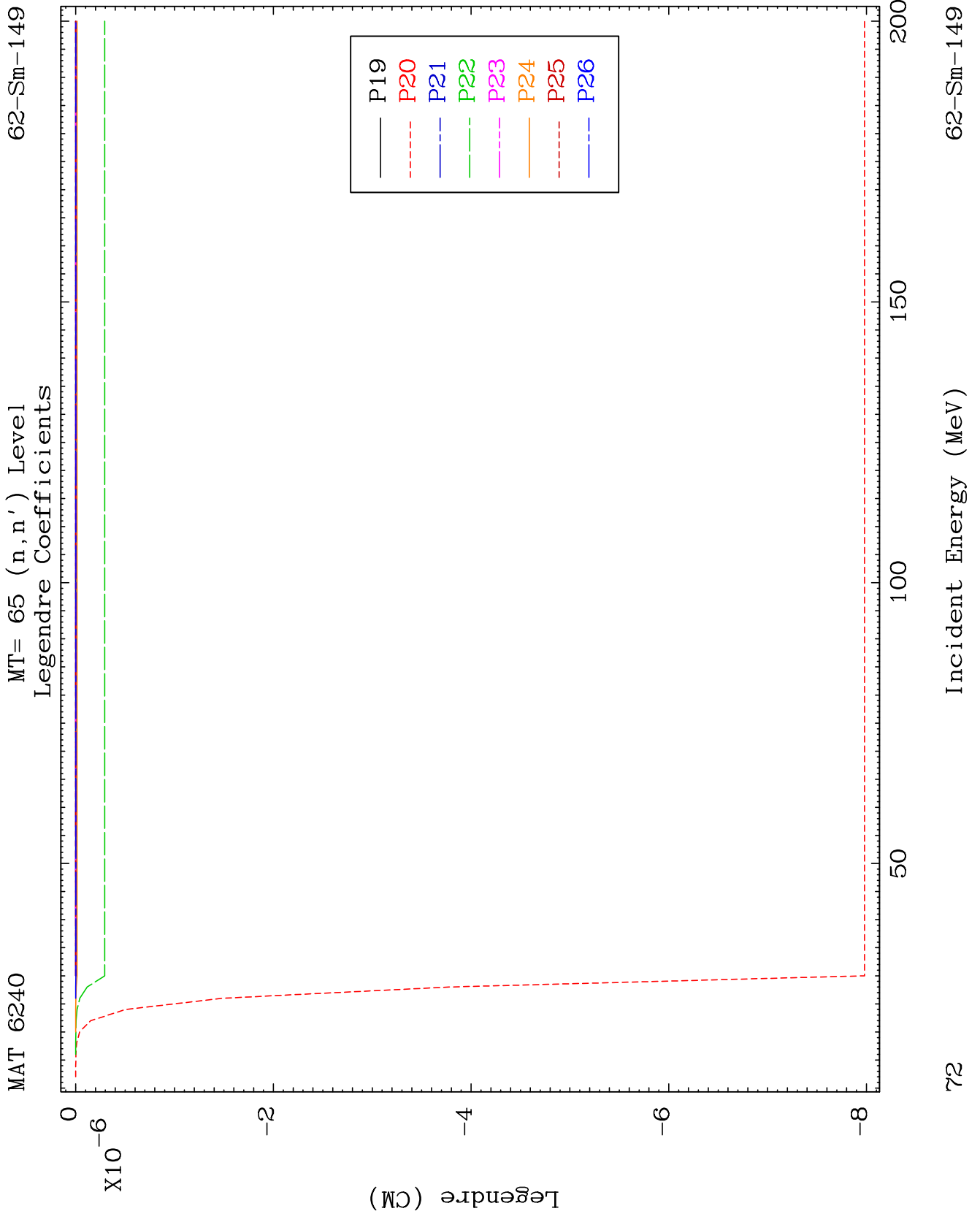
MT= 65 (n,n') Level
Legendre Coefficients

62-Sm-149



71

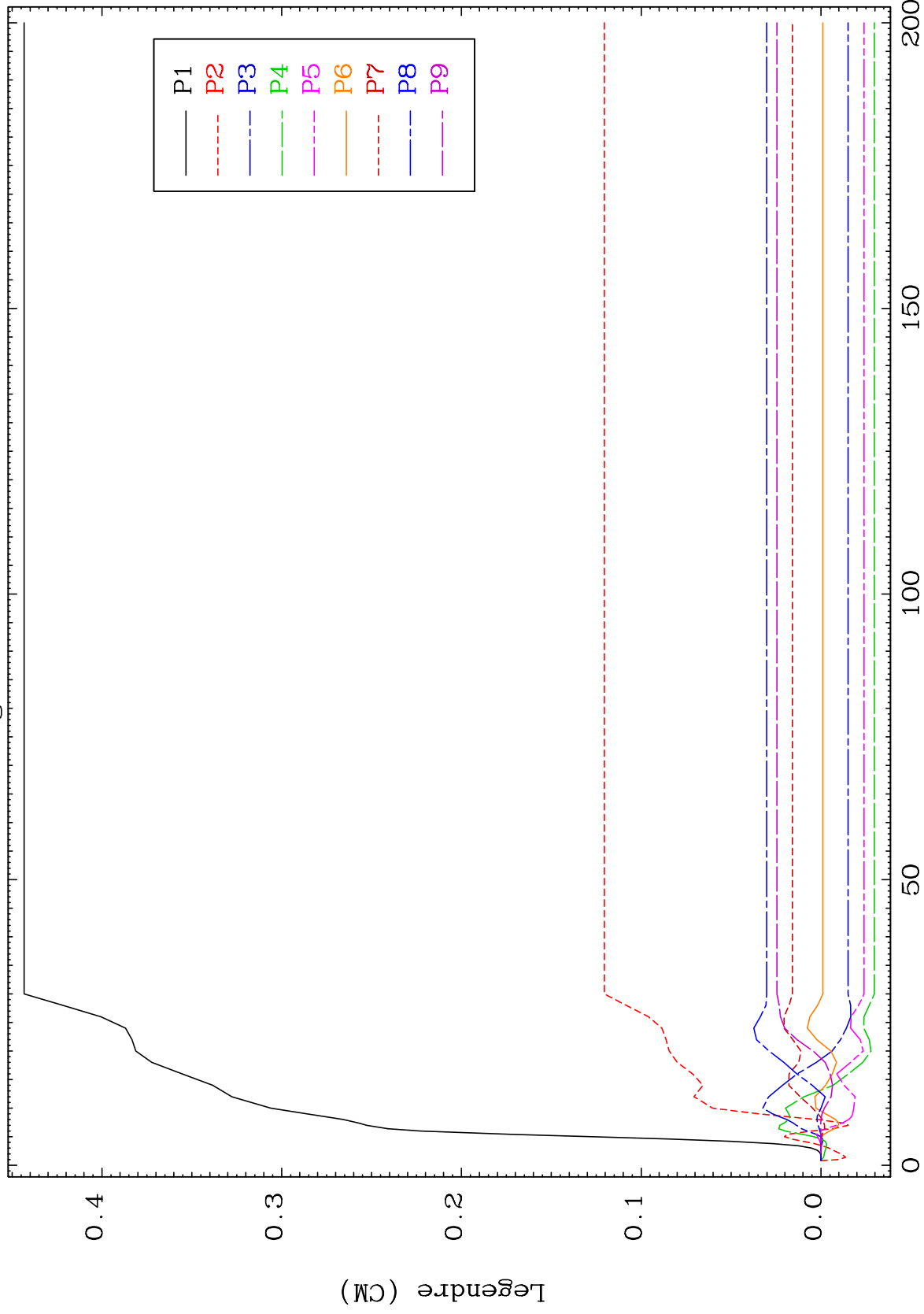
62-Sm-149



MAT 6240

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

62-Sm-149



73

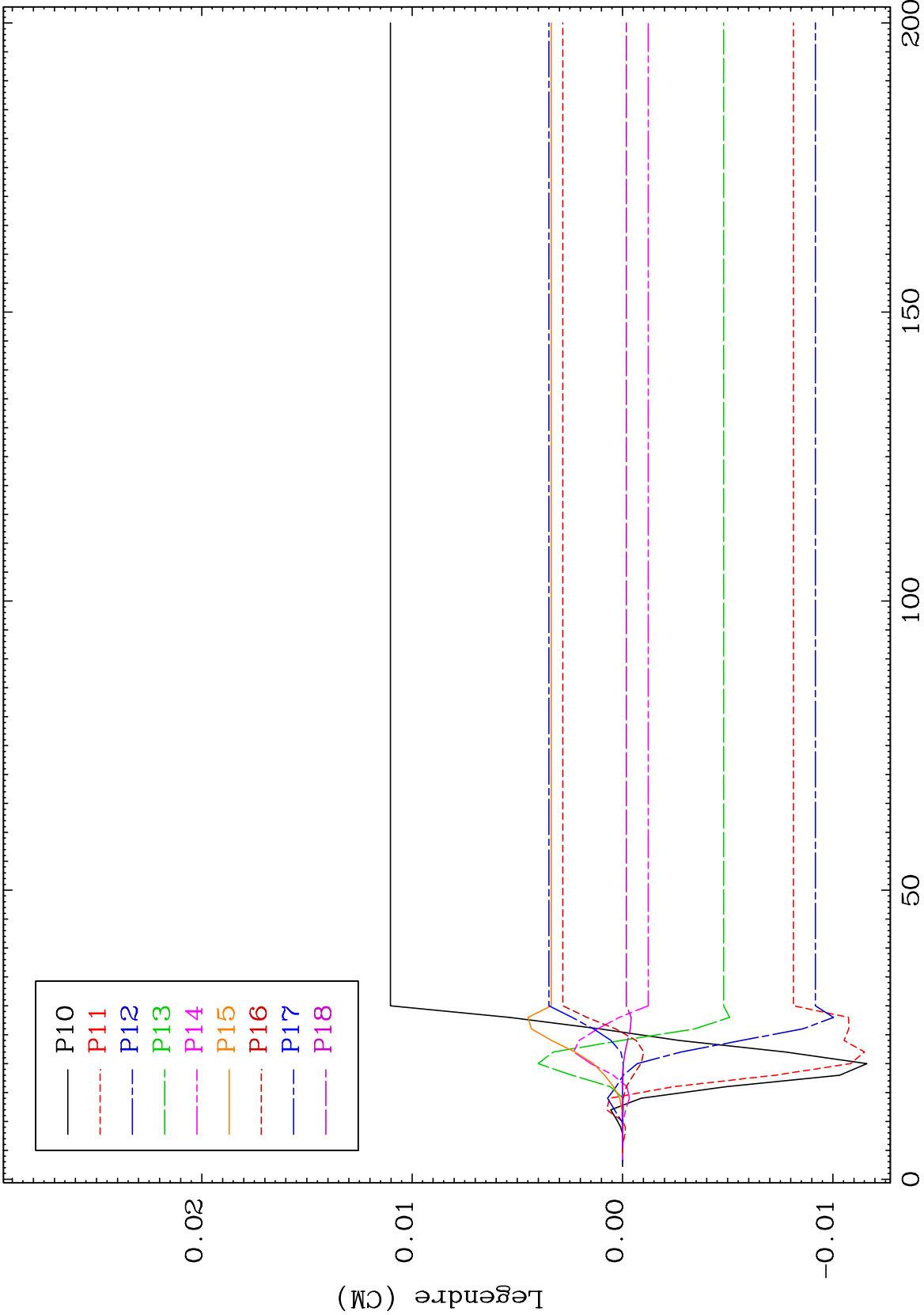
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

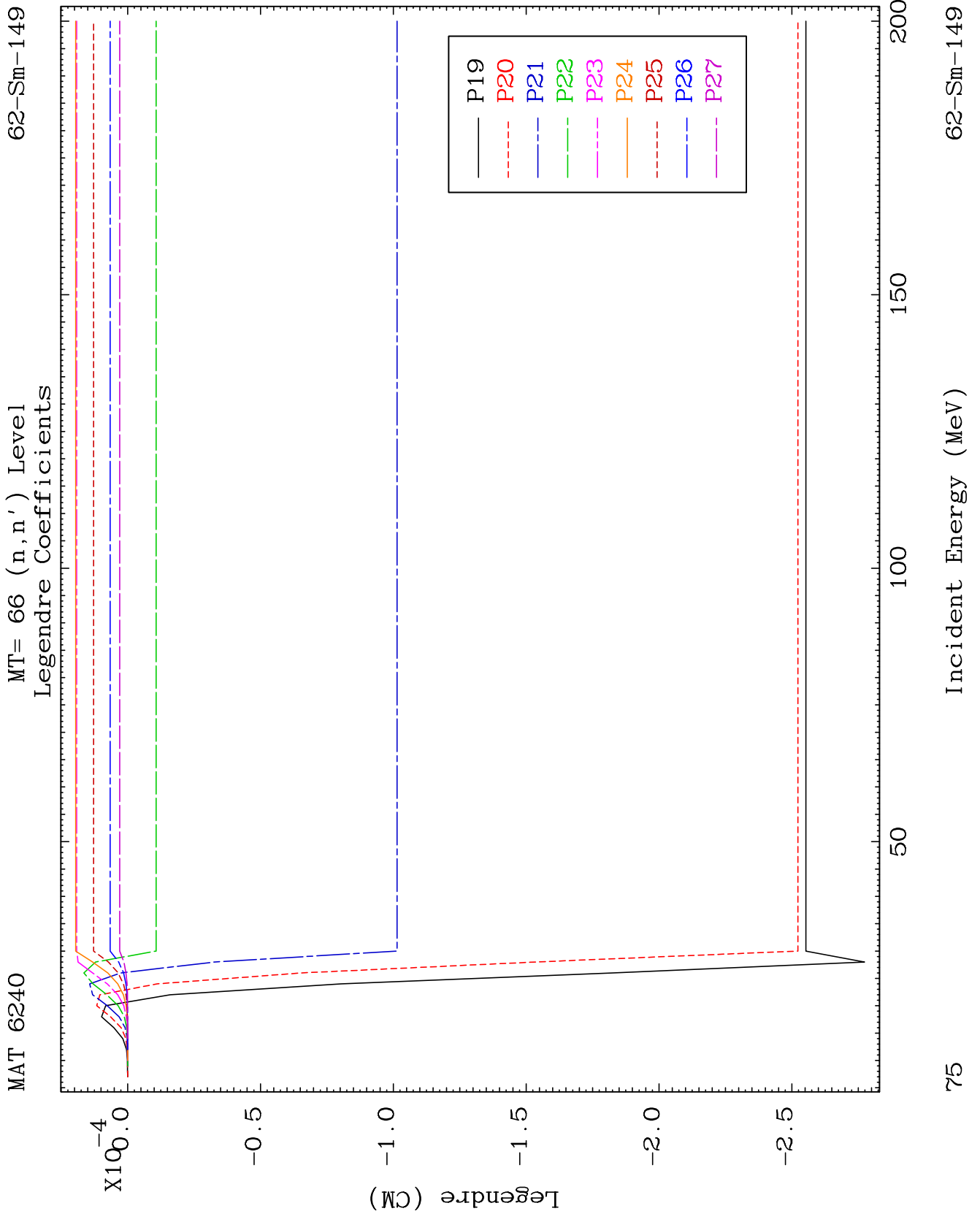
62-Sm-149



74

Incident Energy (MeV)

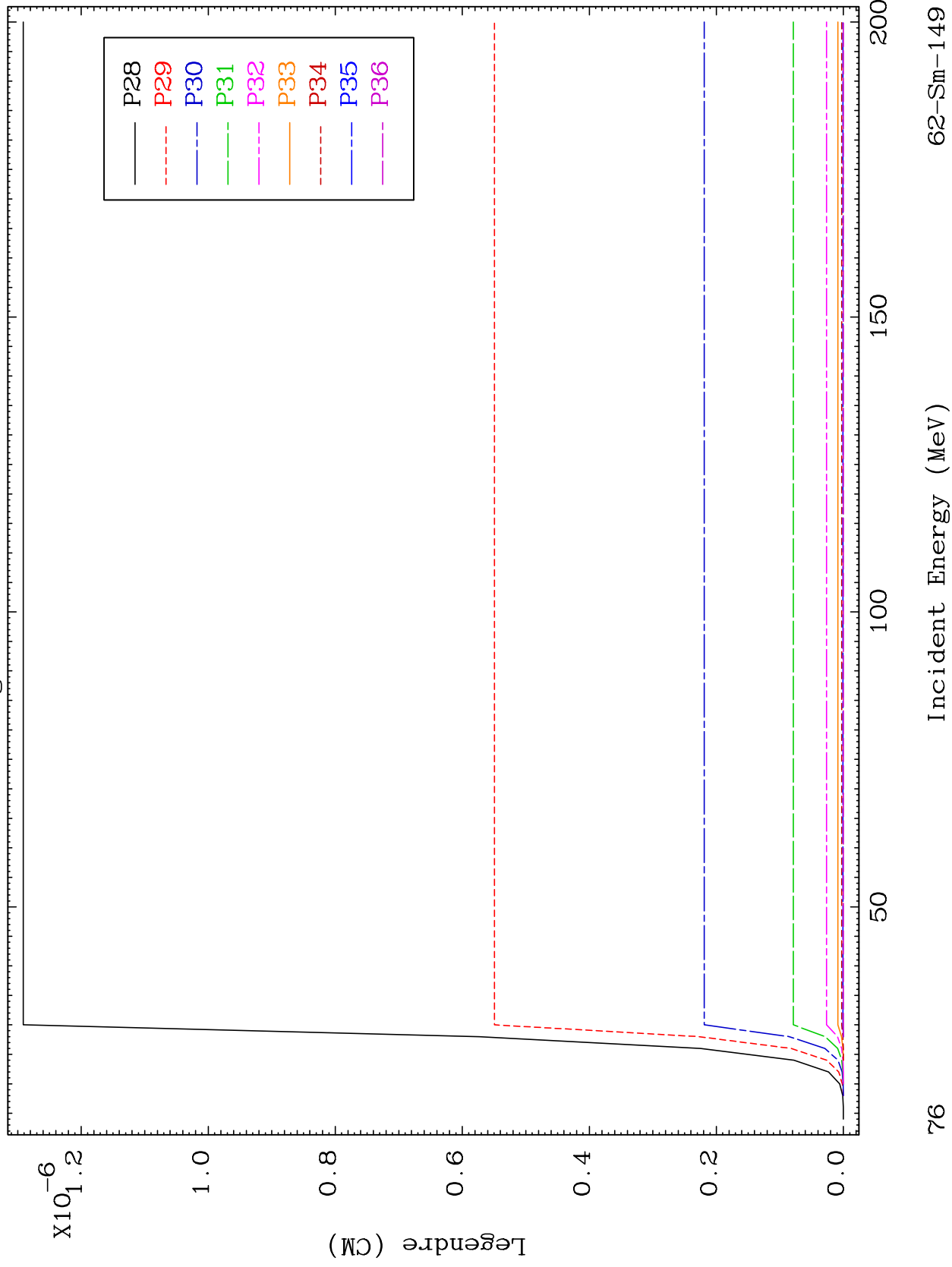
62-Sm-149



MAT 6240

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

62-Sm-149



76

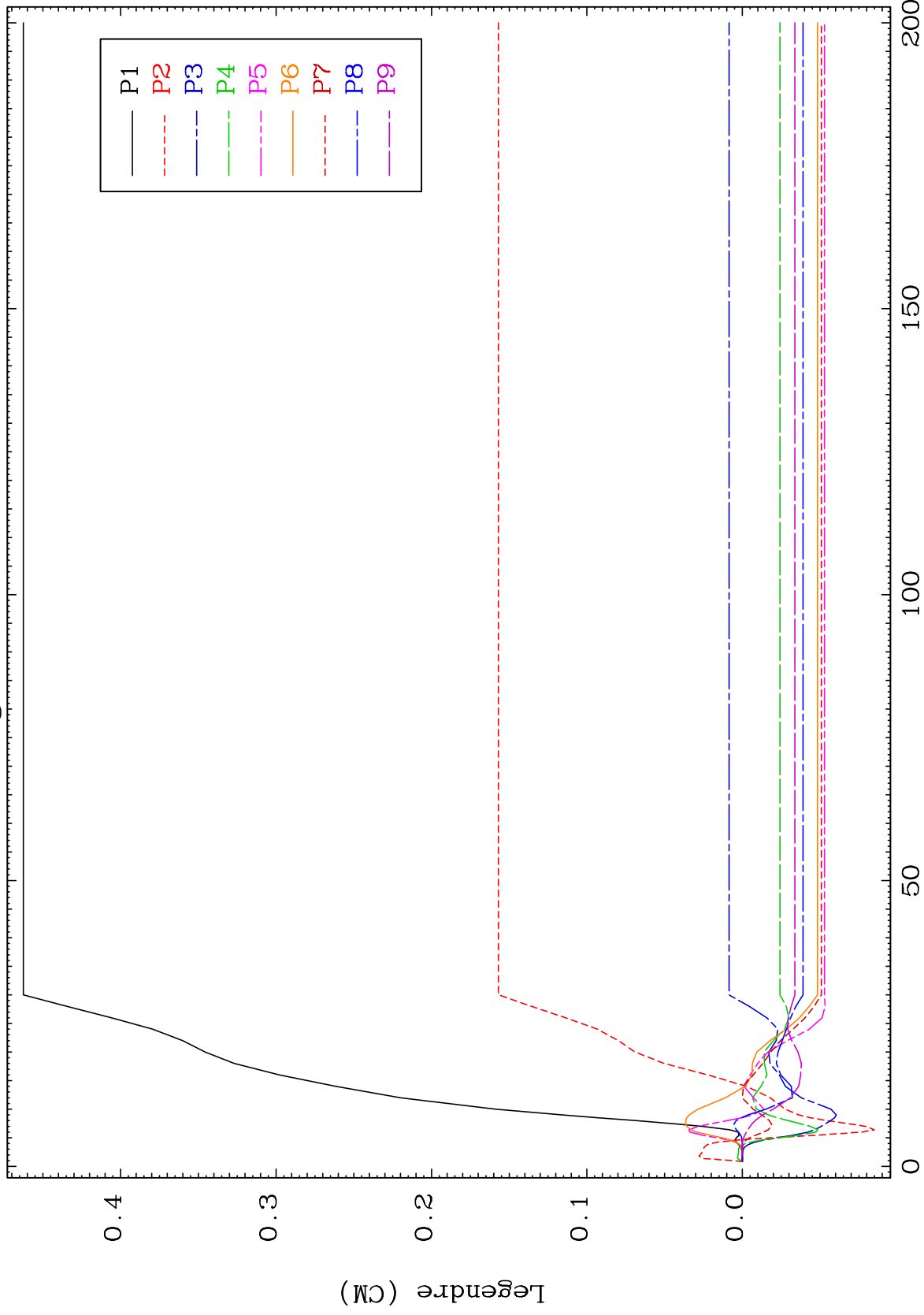
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



77

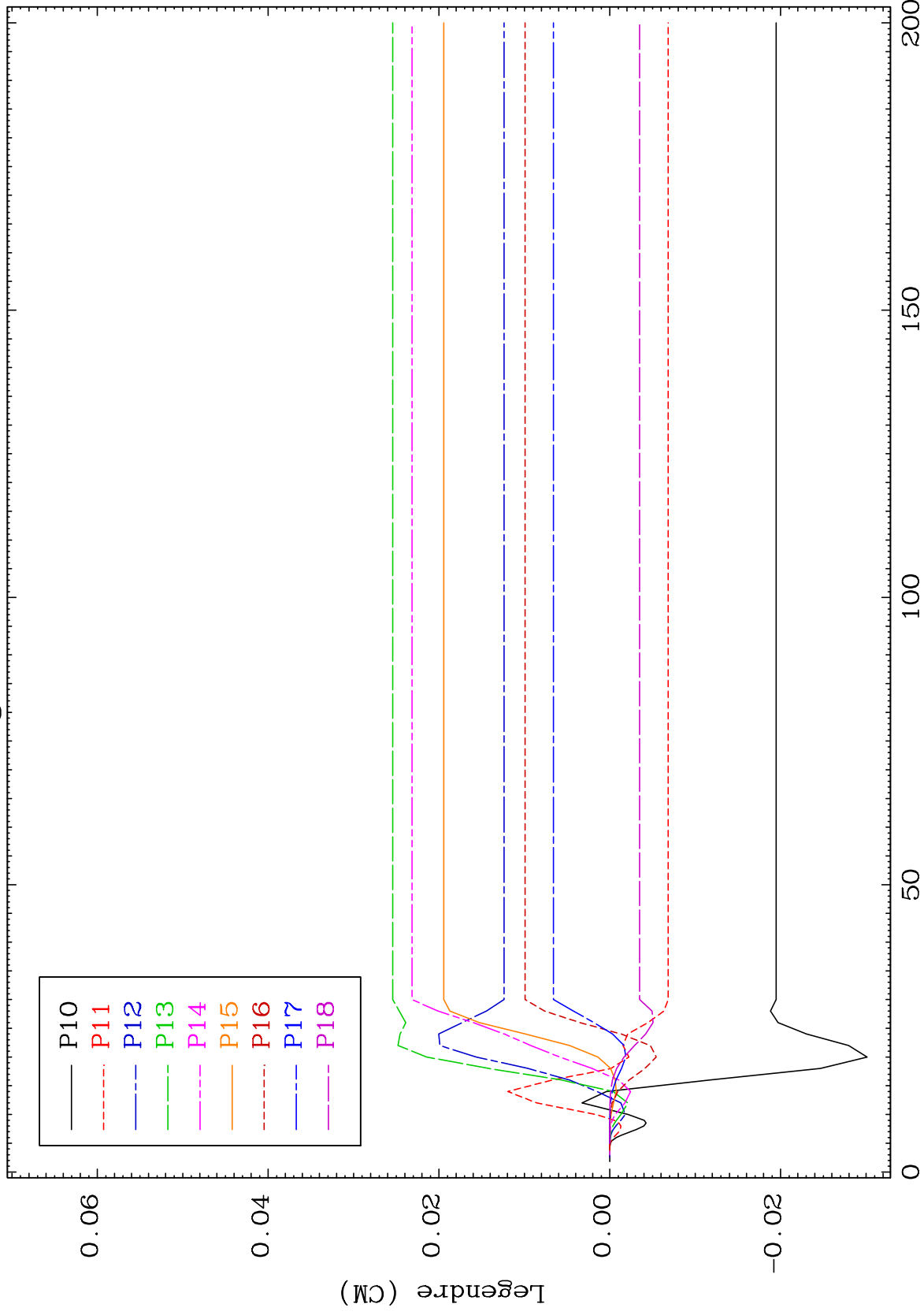
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



78

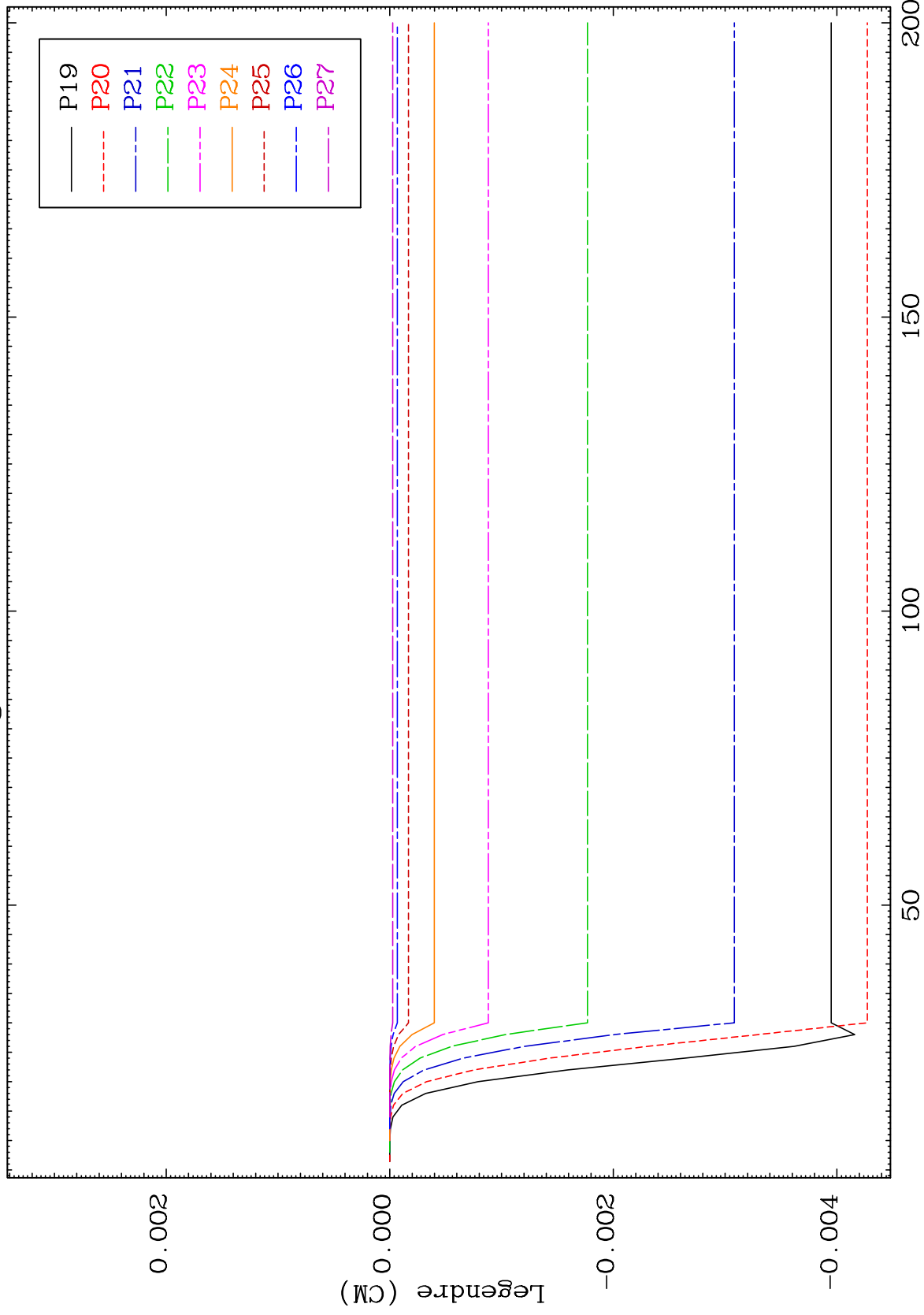
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



79

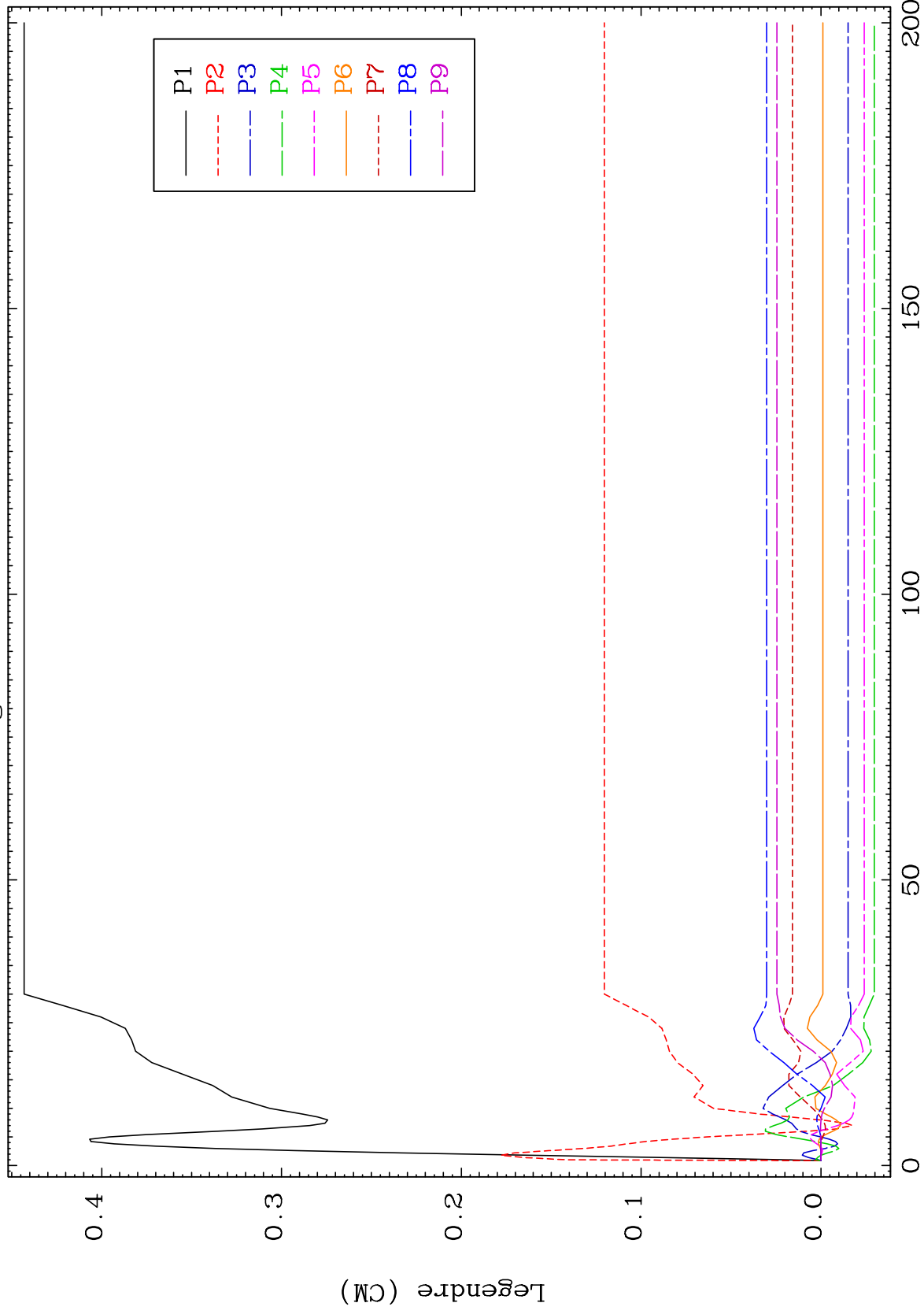
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



81

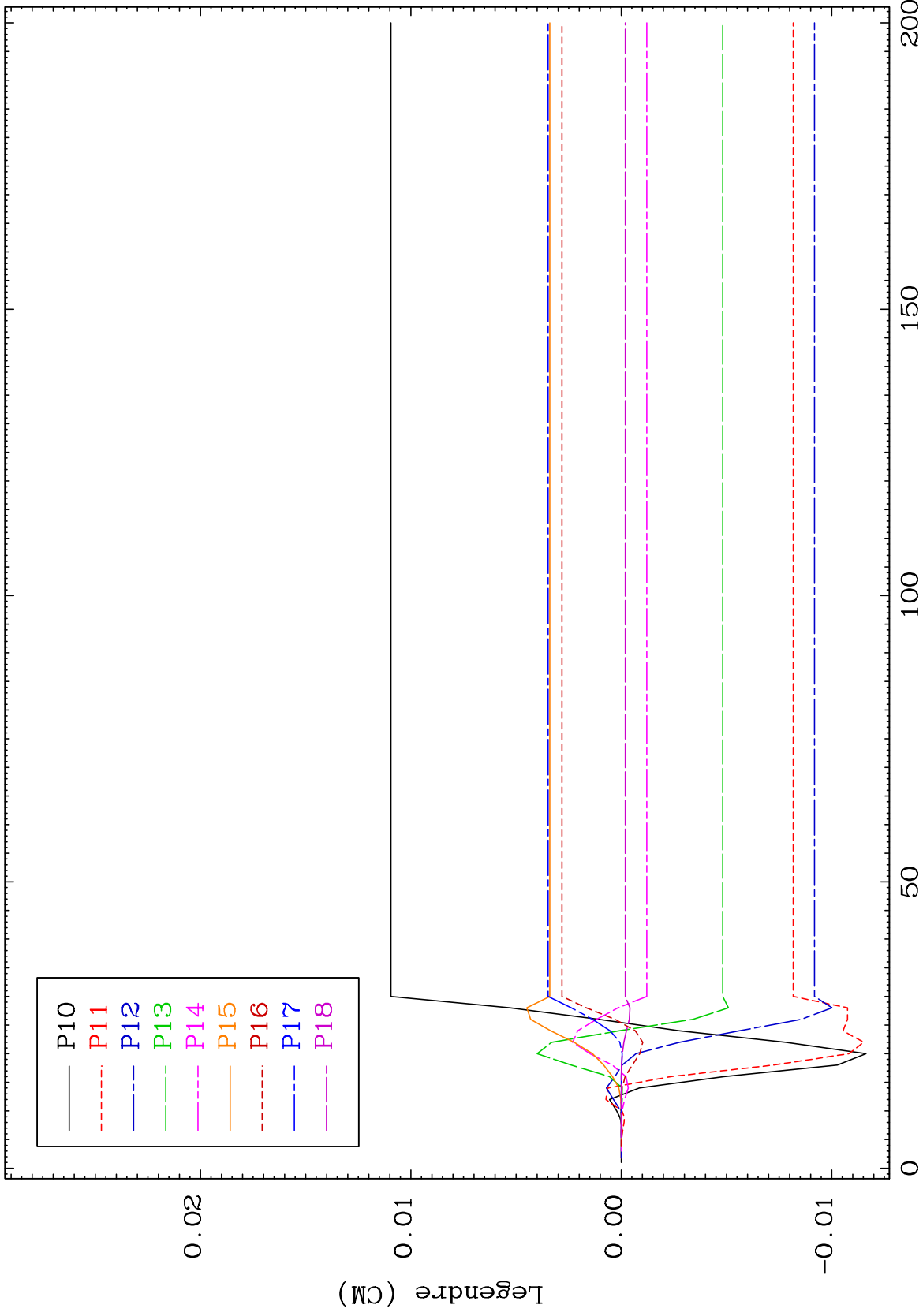
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

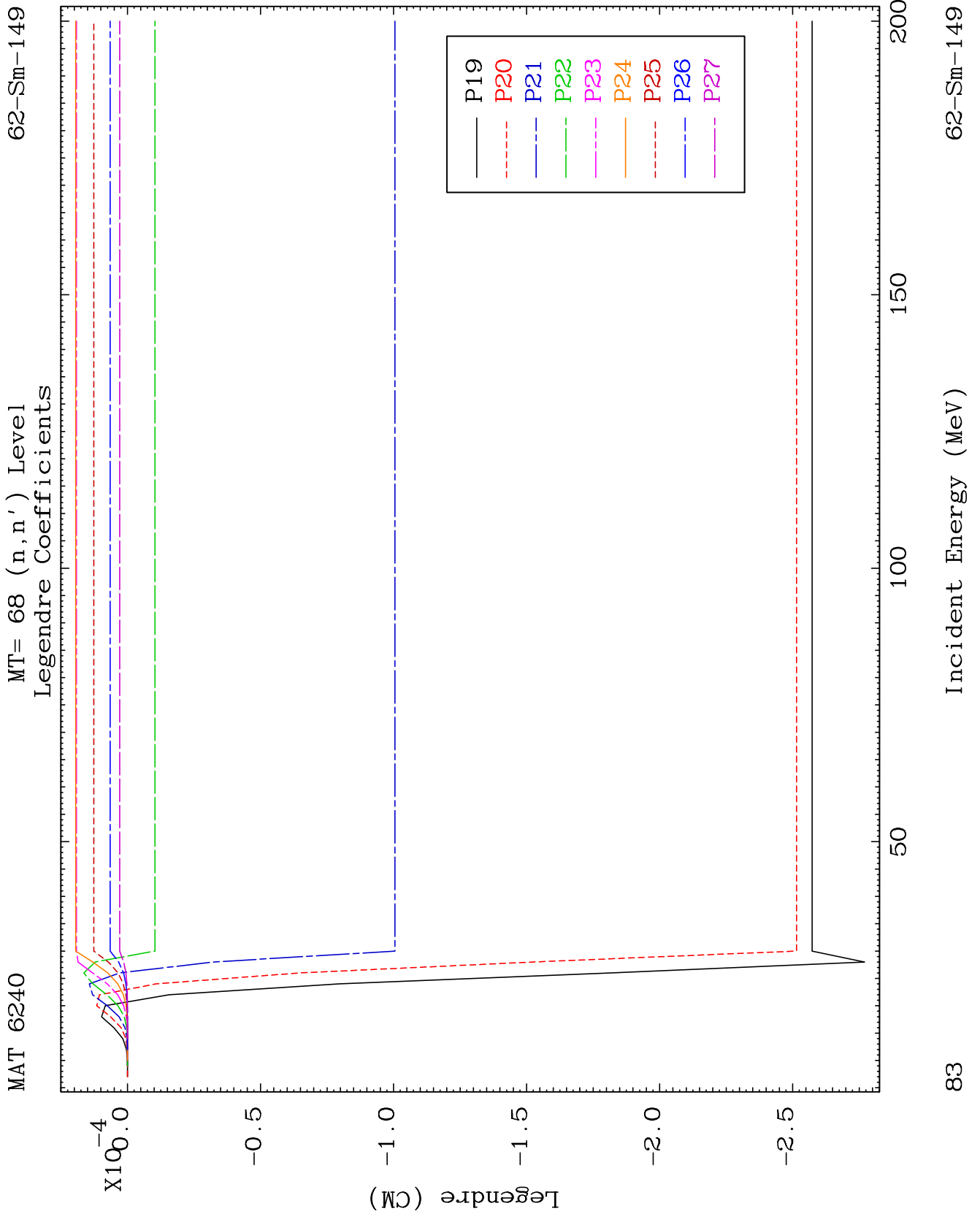
62-Sm-149



82

Incident Energy (MeV)

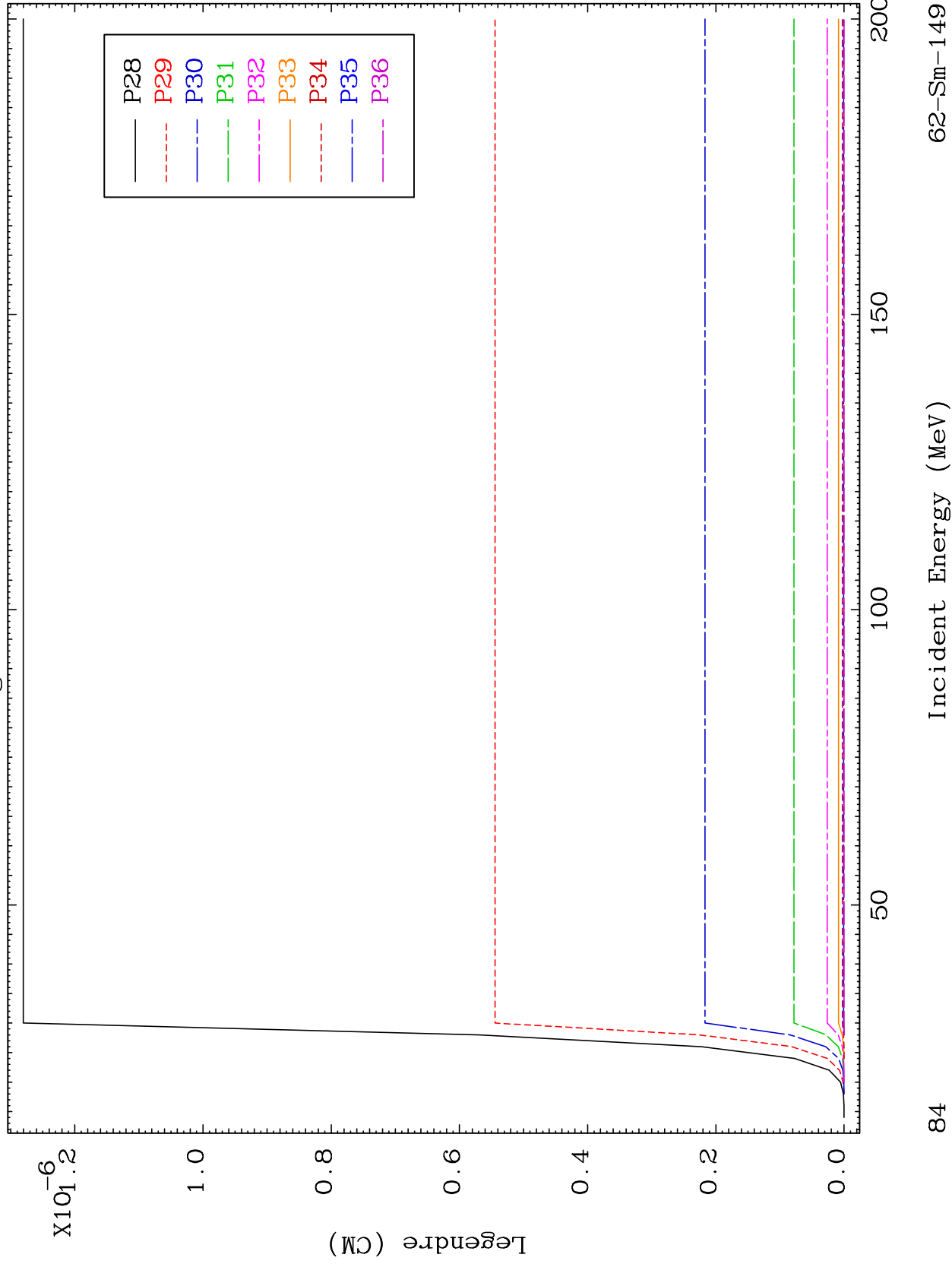
62-Sm-149



MAT 6240

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

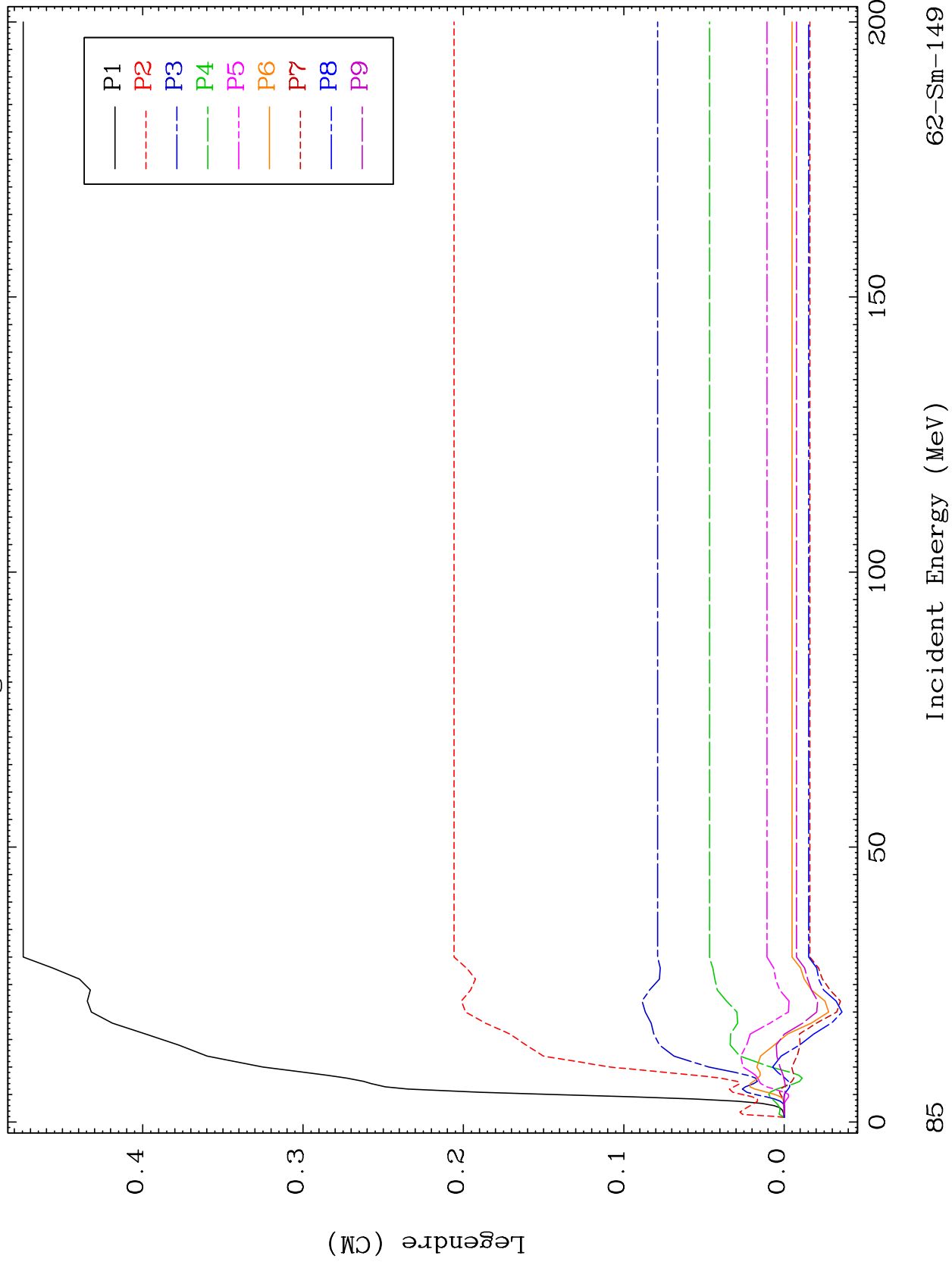
62-Sm-149



MAT 6240

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

62-Sm-149



62-Sm-149

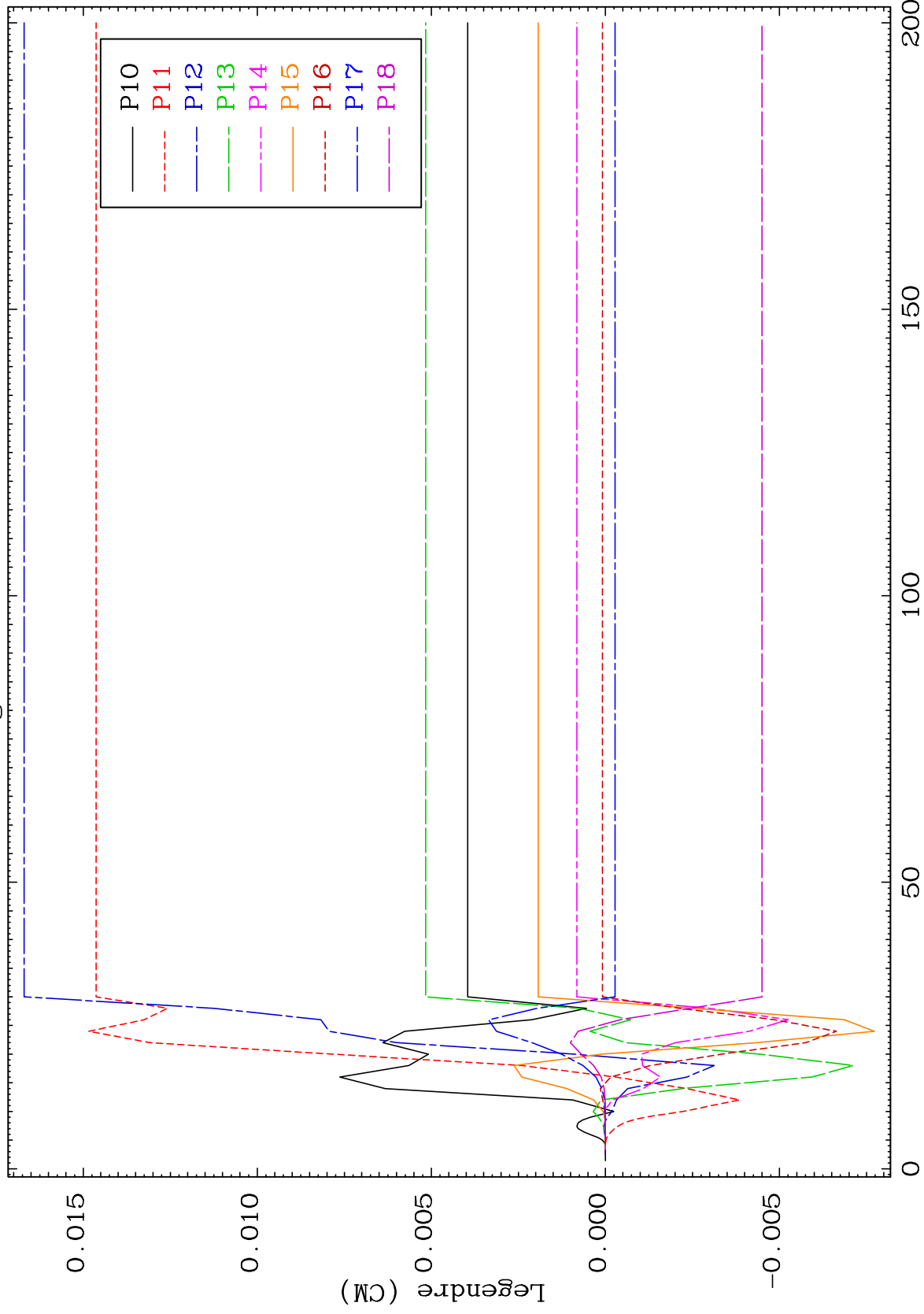
Incident Energy (MeV)

85

MAT 6240

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

62-Sm-149



86

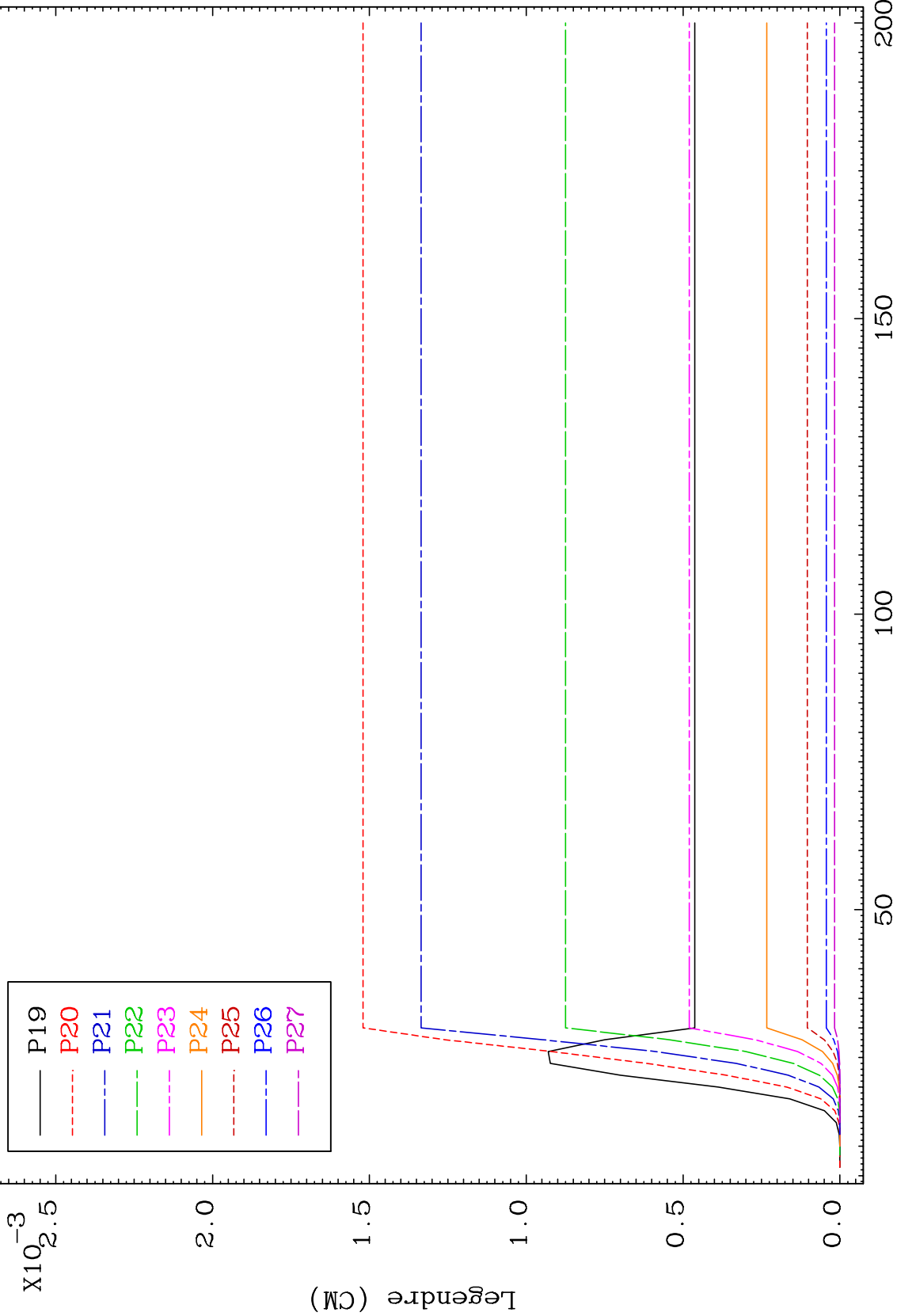
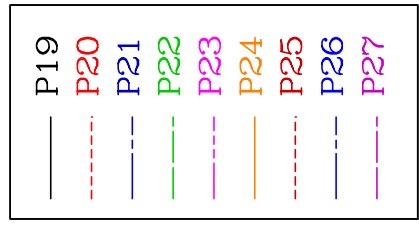
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



87

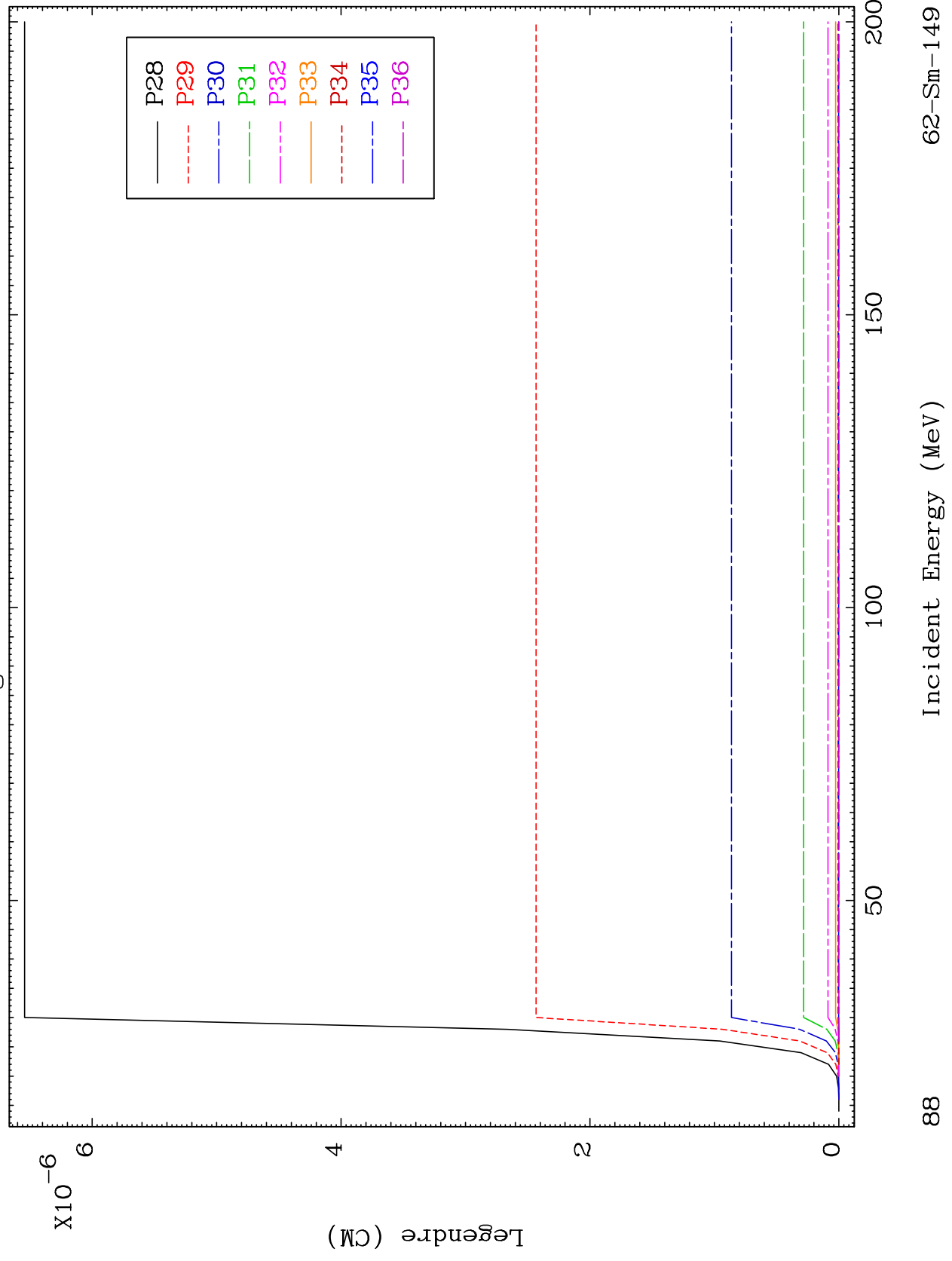
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



88

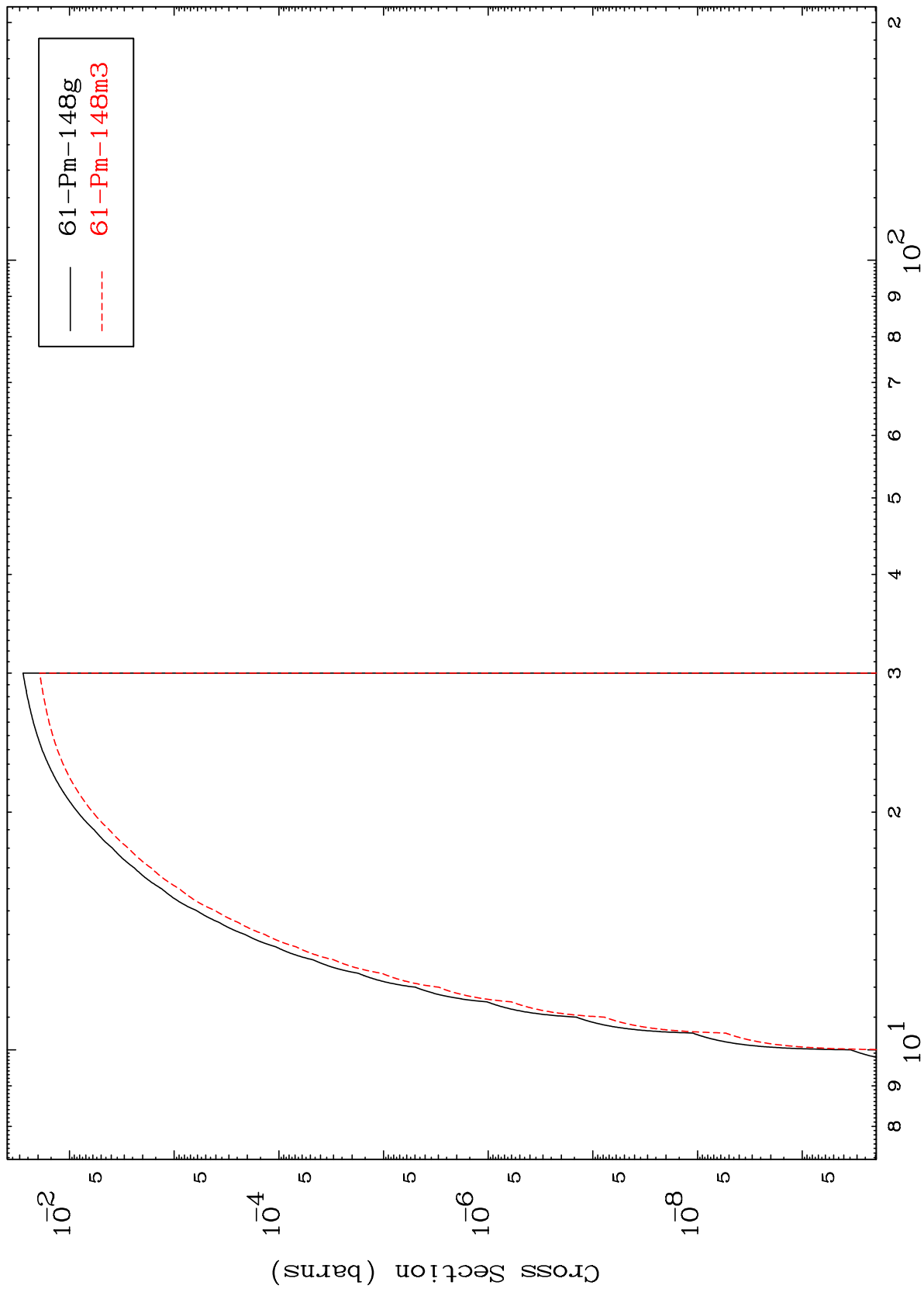
62-Sm-149

MAT 6240

(n,n') p

62-Sm-149

Radionuclide Production Cross Section



89

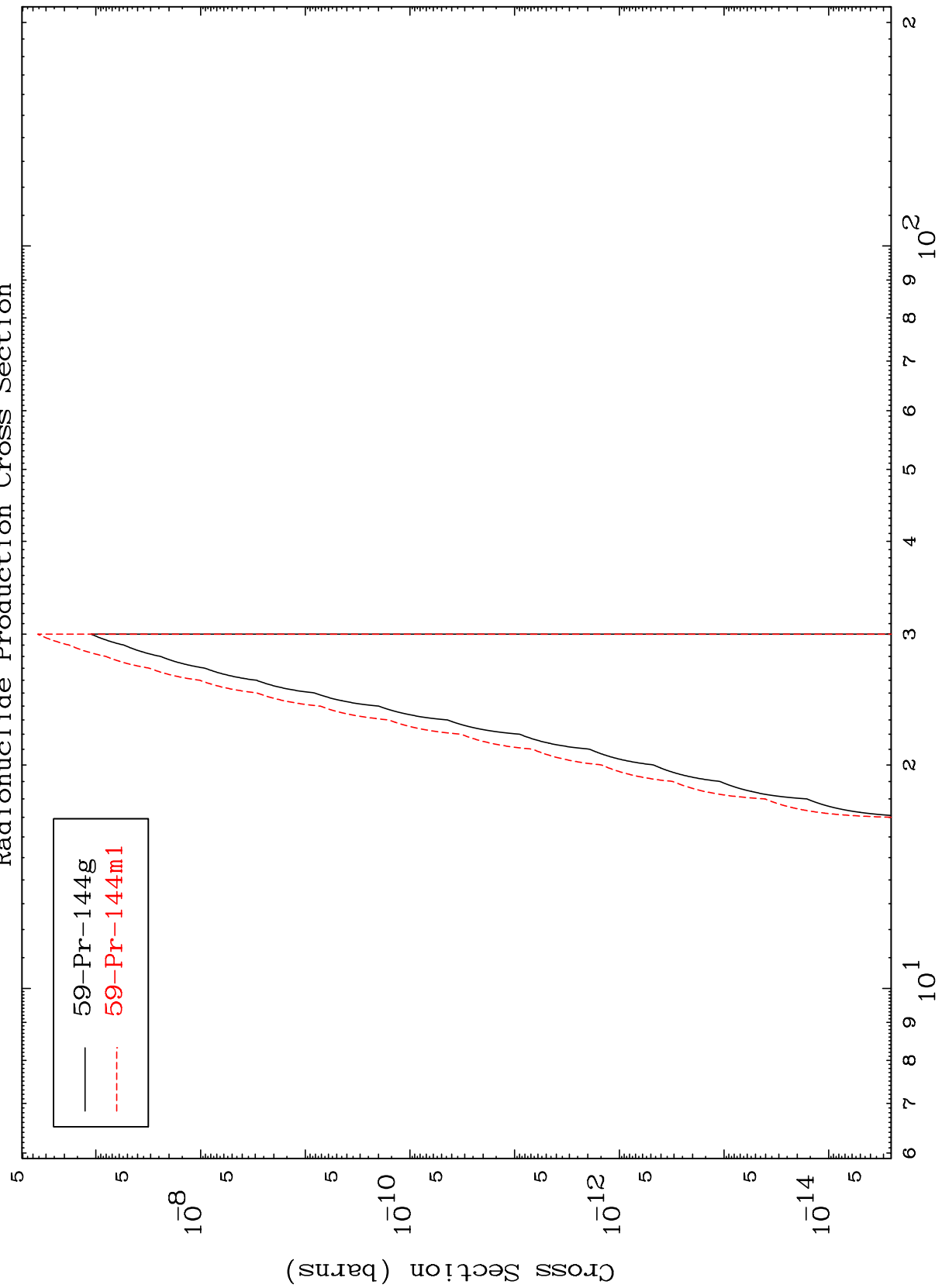
Incident Energy (MeV)

62-Sm-149

MAT 6240

62-Sm-149

(n,n') p α
Radionuclide Production Cross Section



59-Pr-144g
59-Pr-144m1

90

Incident Energy (MeV)

62-Sm-149

