

Program EVALPLOT
(Version 2017-1)

by

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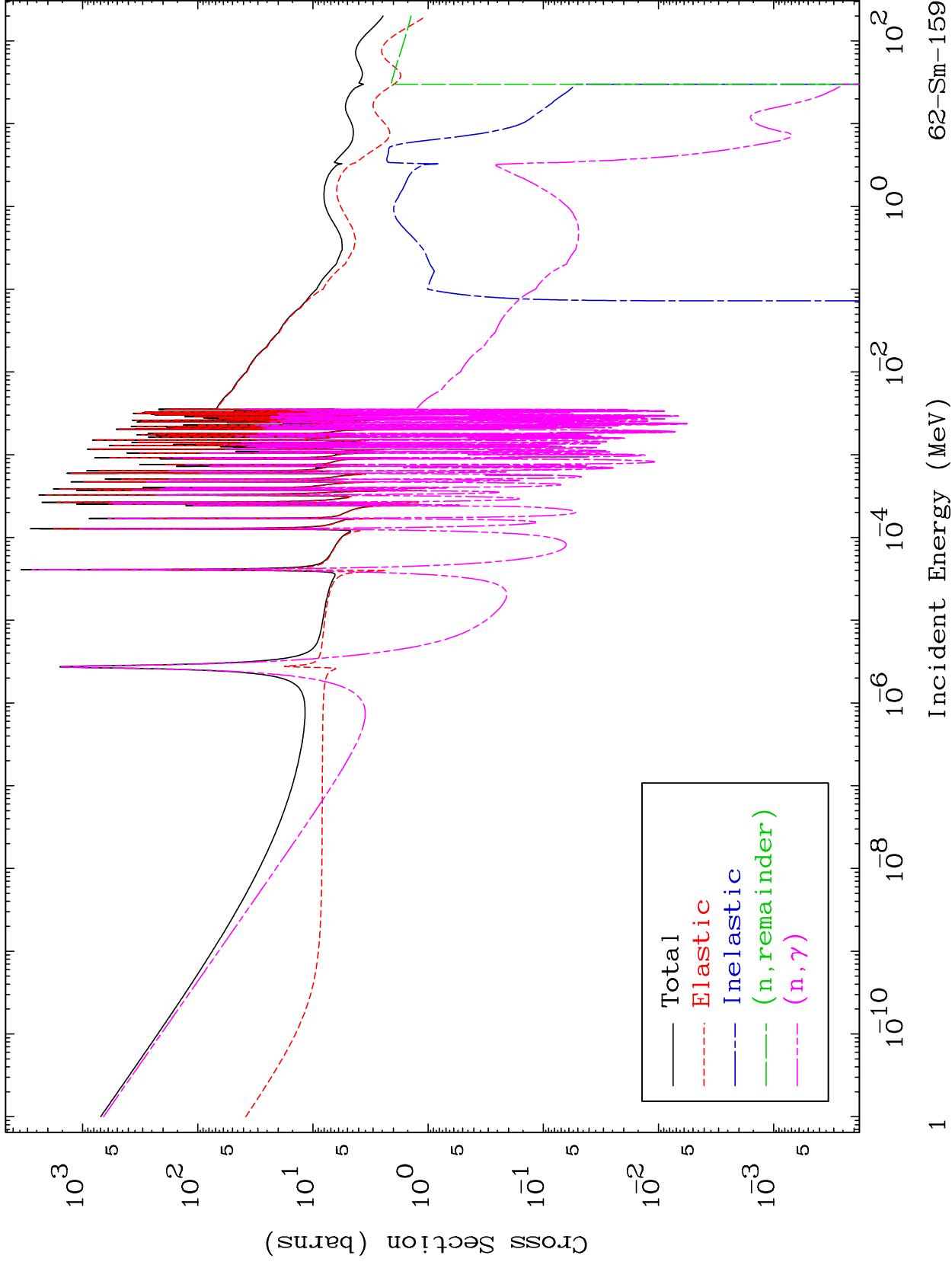
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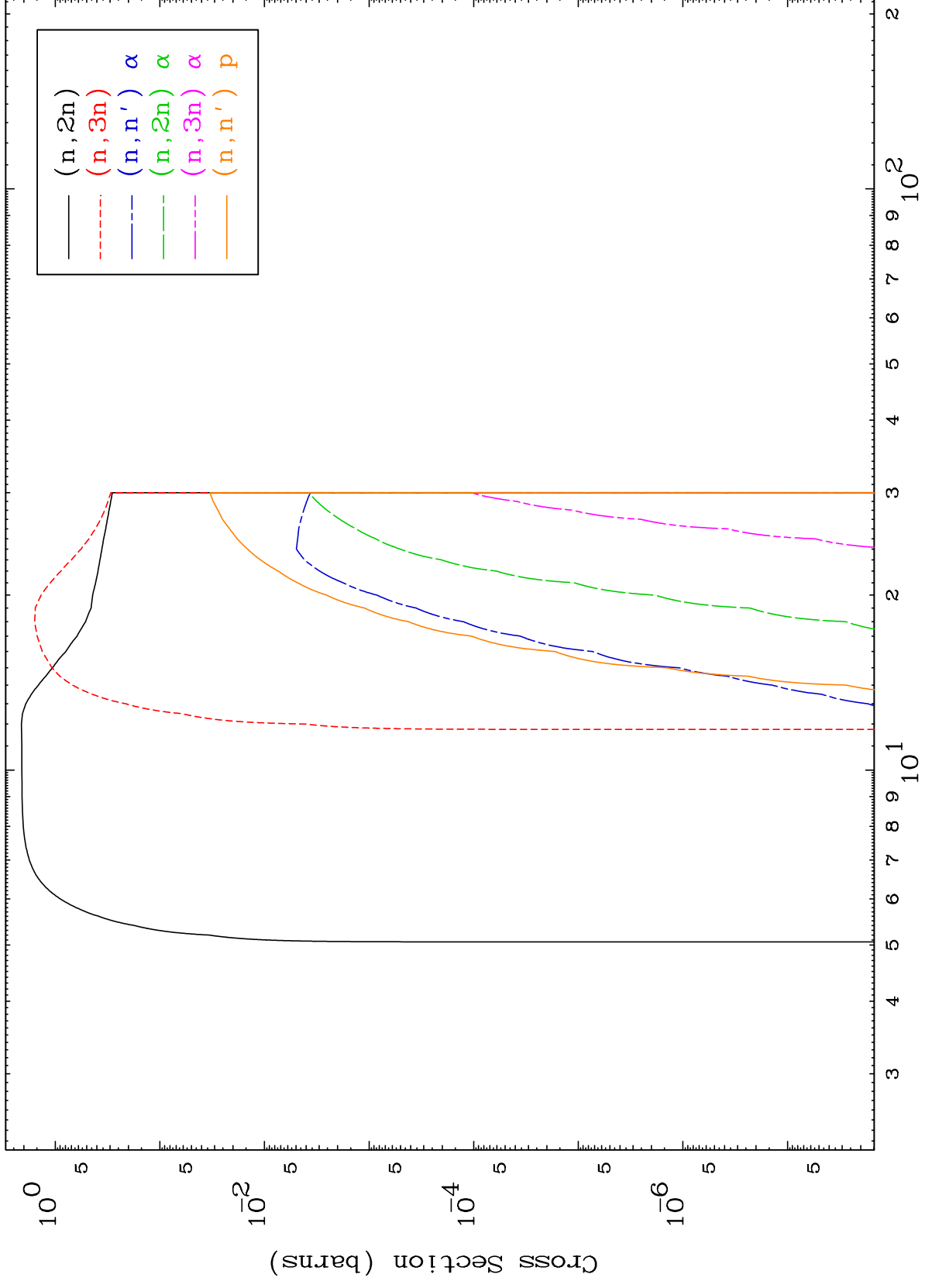
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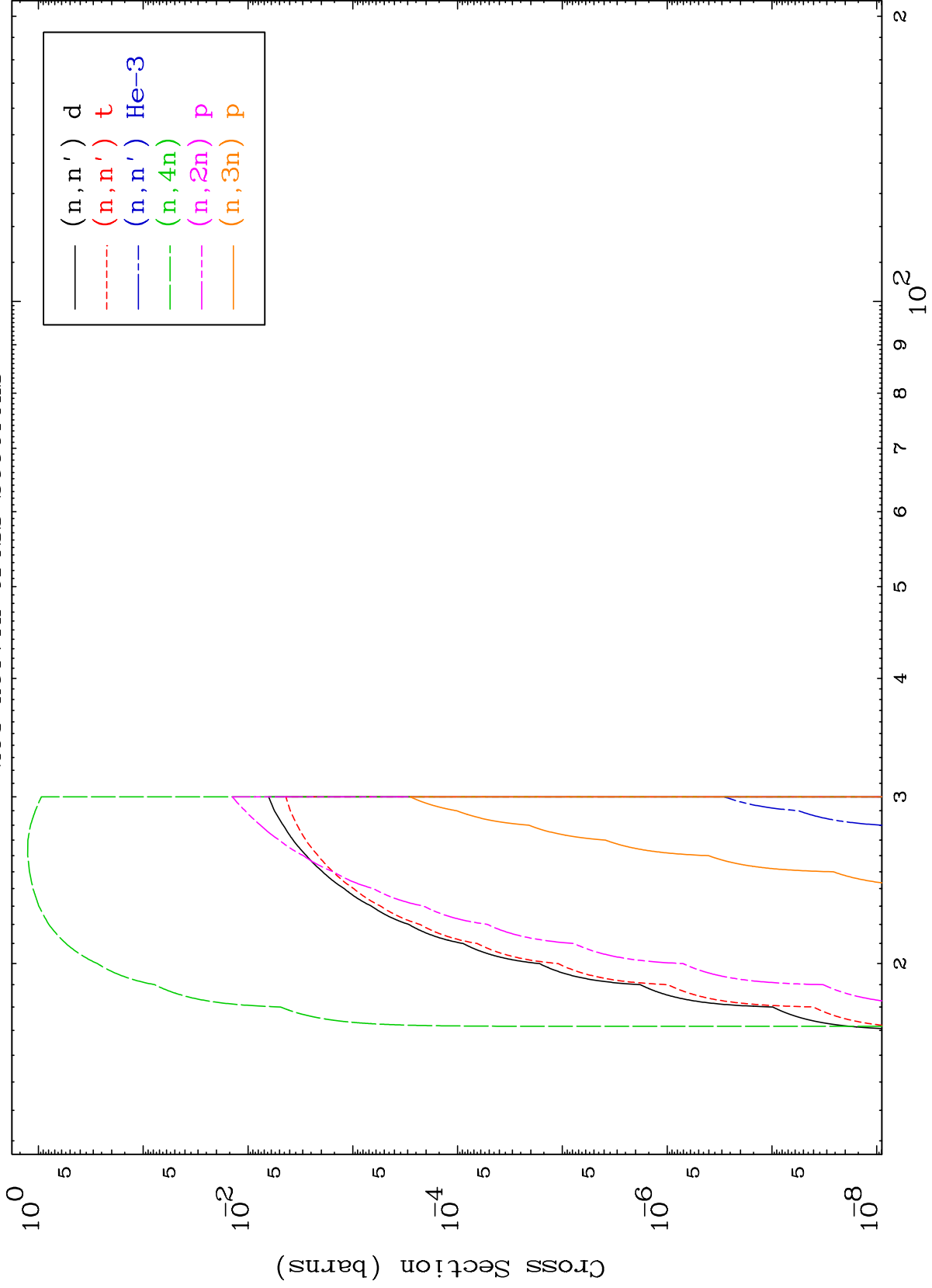
MAT 6270

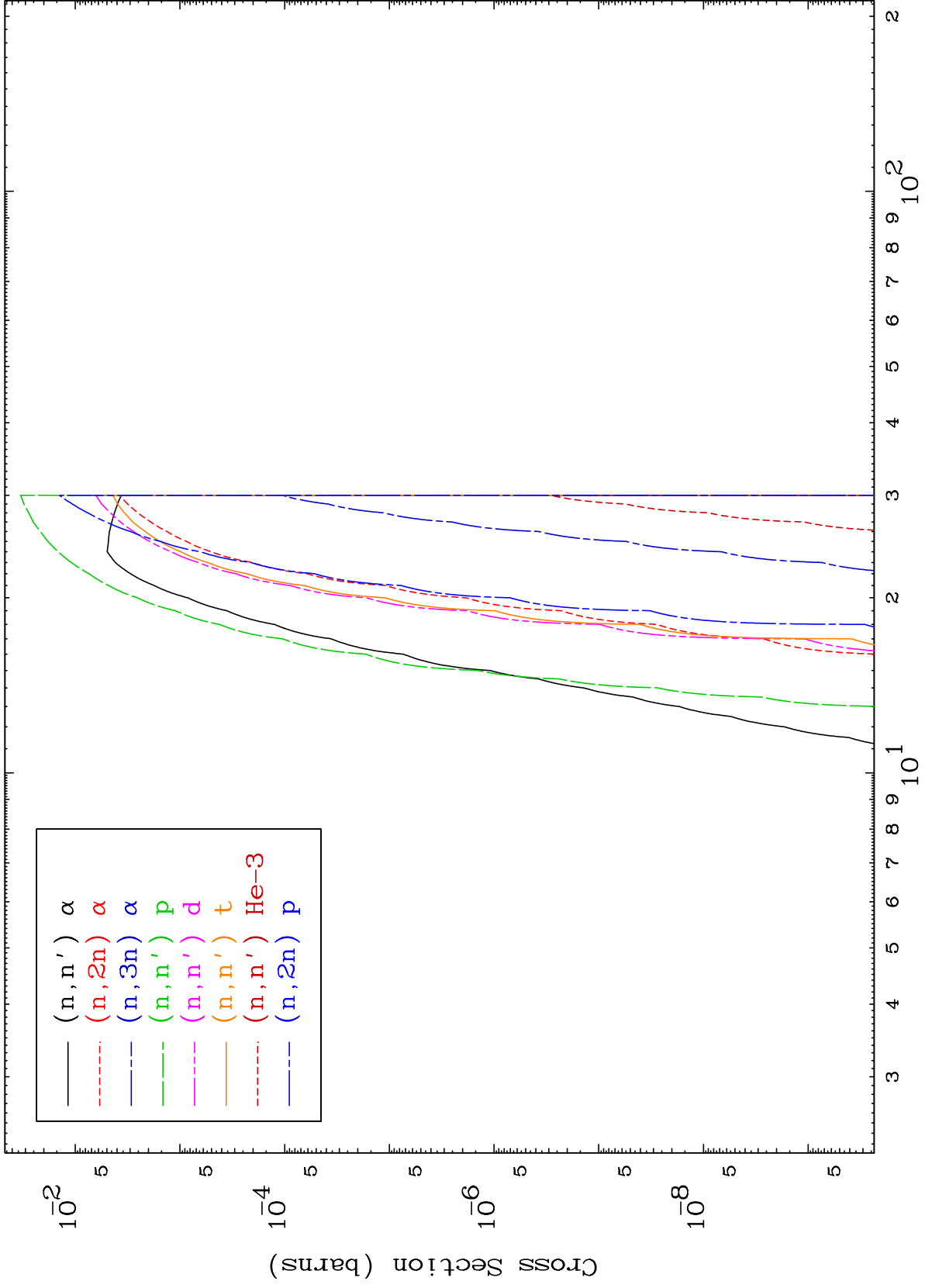
Major
293 Kelvin Cross Sections

62-Sm-159





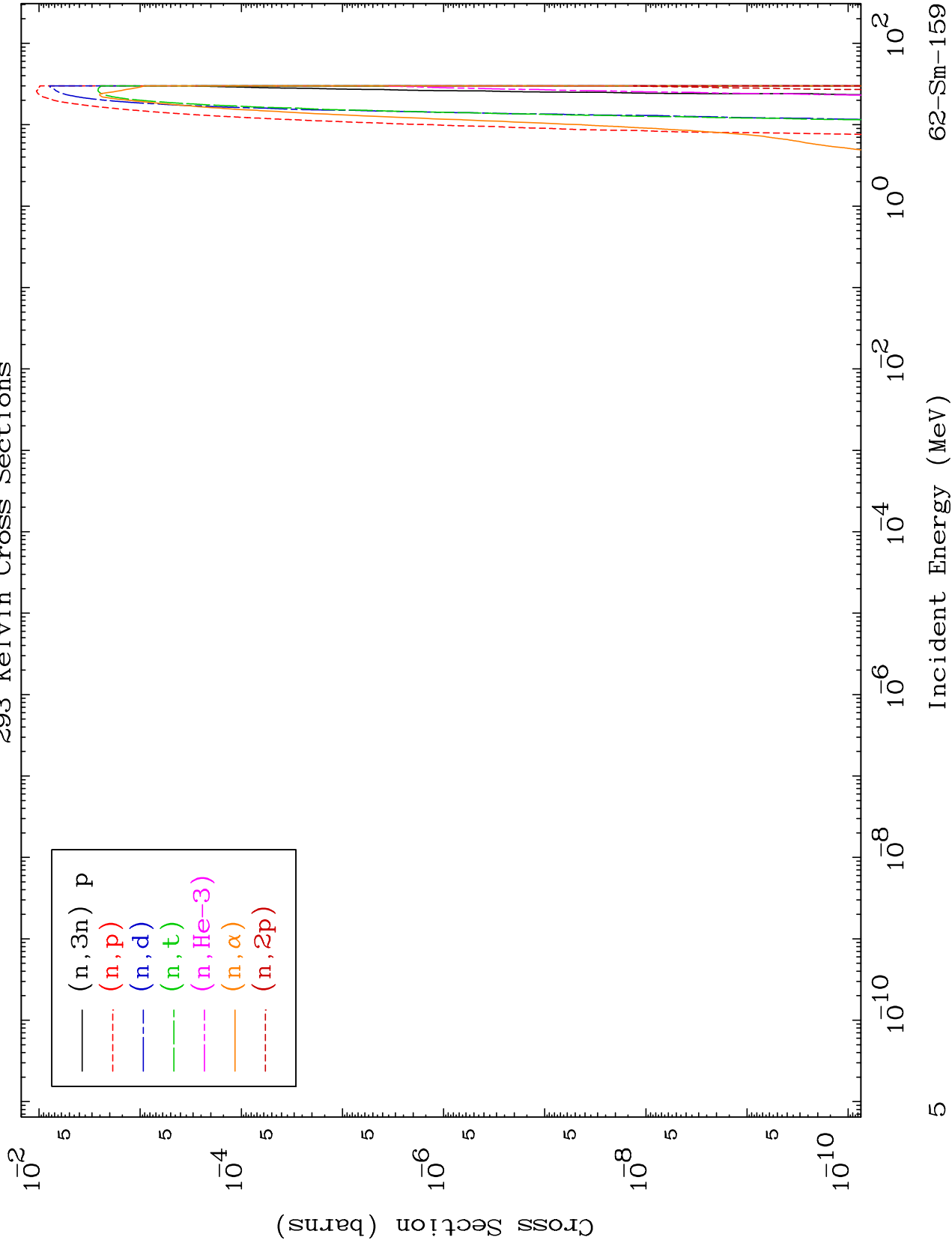




MAT 6270

Charged Particle
293 Kelvin Cross Sections

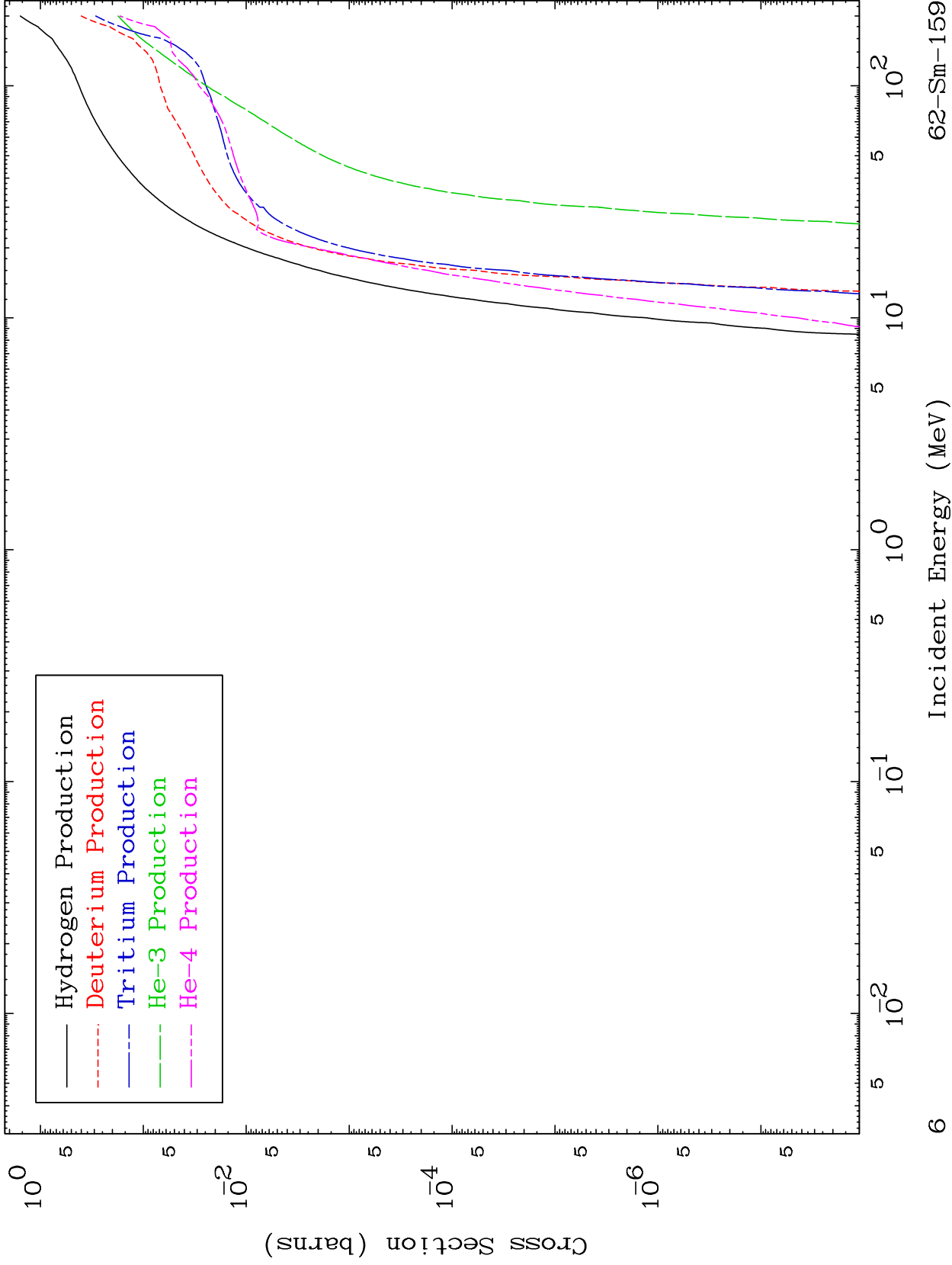
62-Sm-159



MAT 6270

Particle Production
293 Kelvin Cross Sections

62-Sm-159

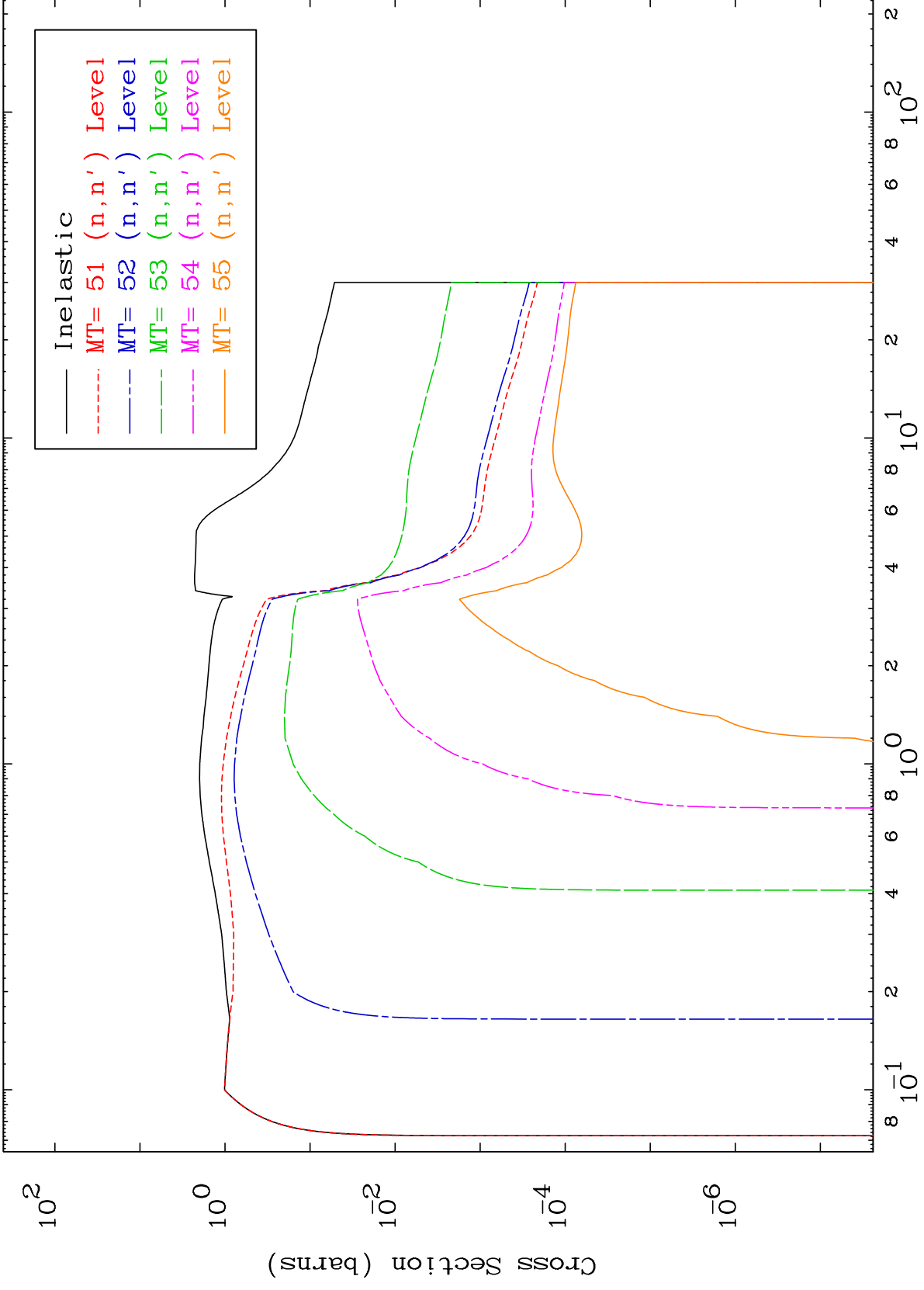


MAT 6270

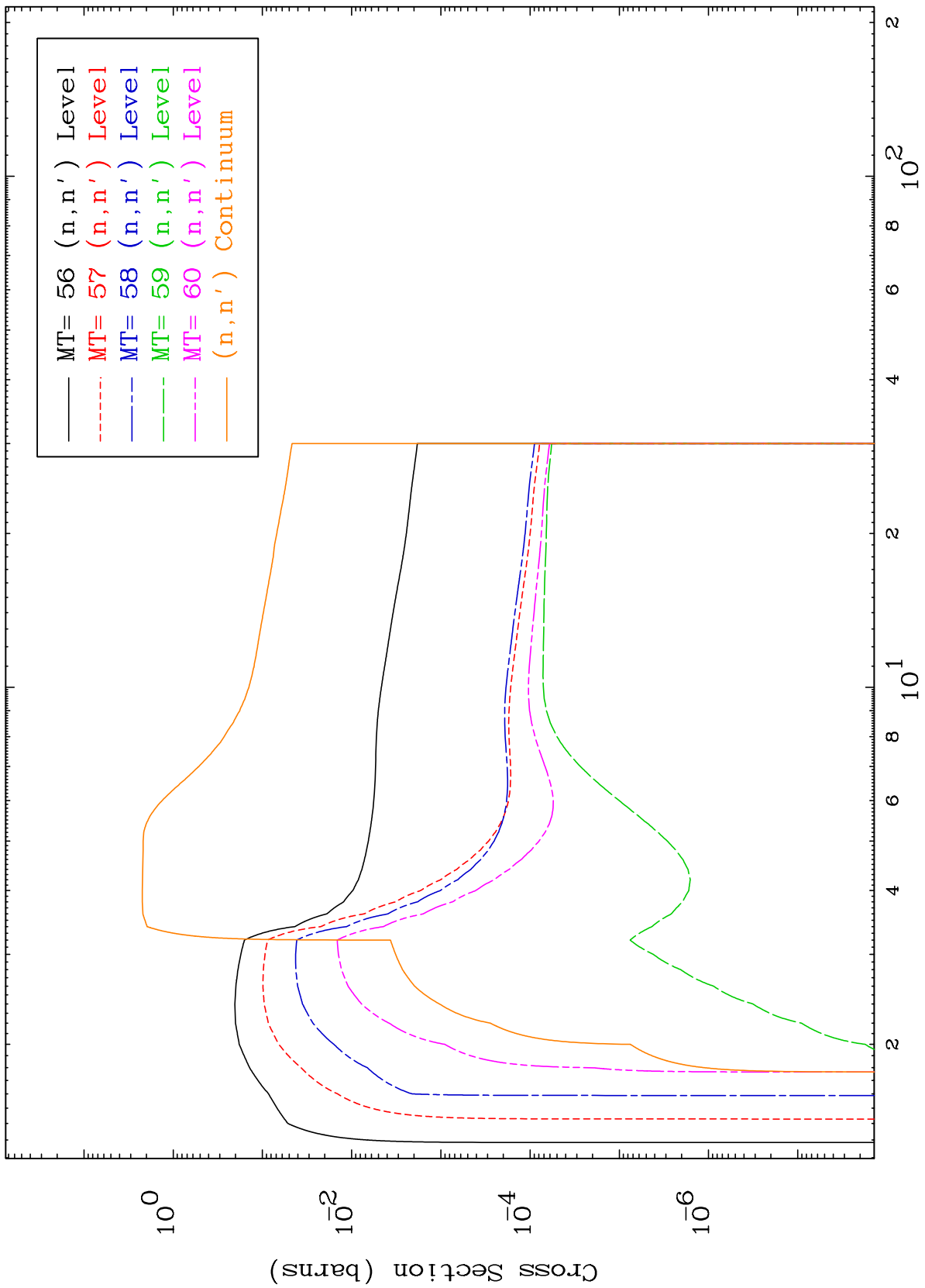
(n,n') Level

62-Sm-159

293 Kelvin Cross Sections



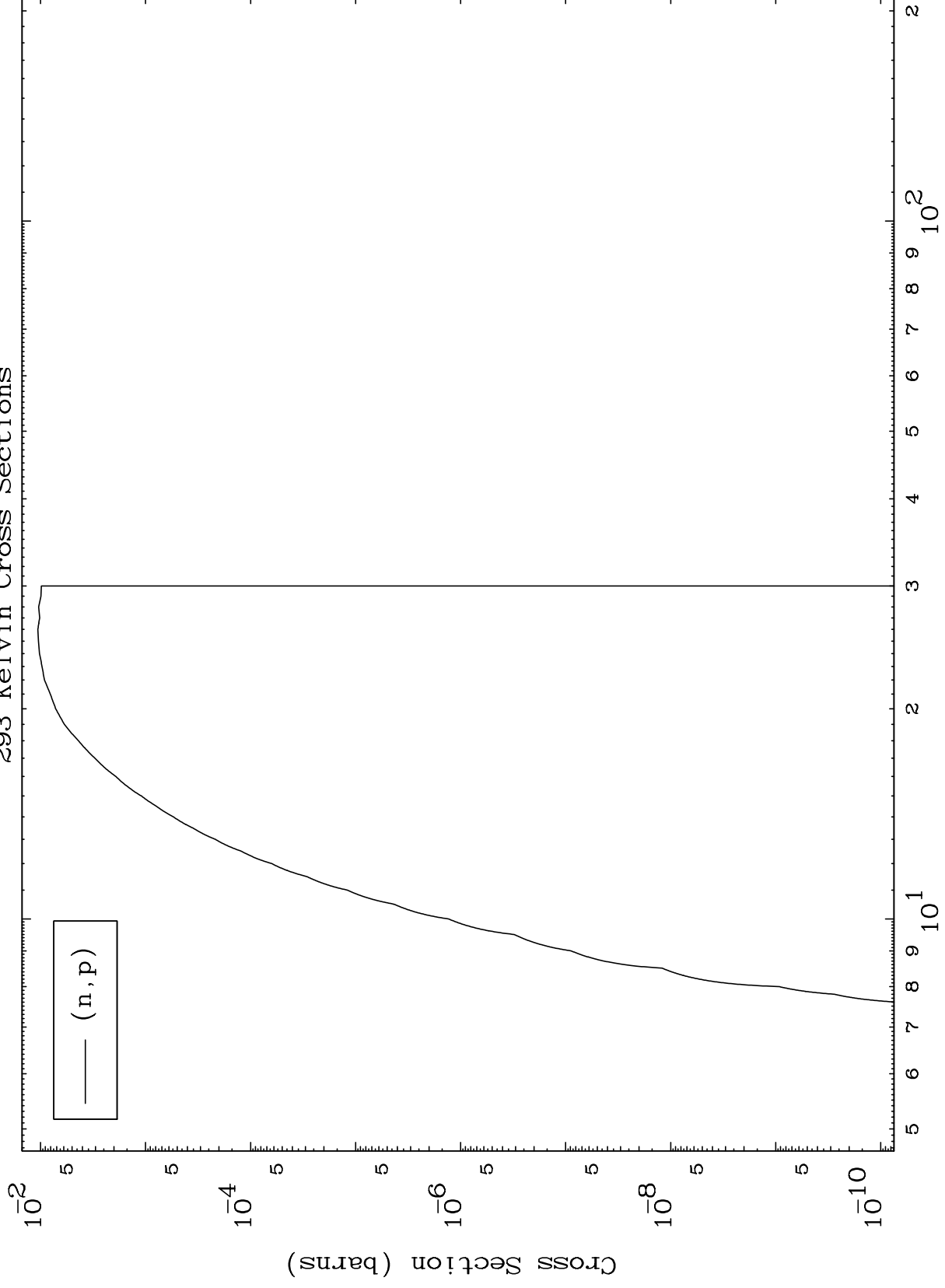
293 Kelvin Cross Sections



MAT 6270

(n,p) Levels
293 Kelvin Cross Sections

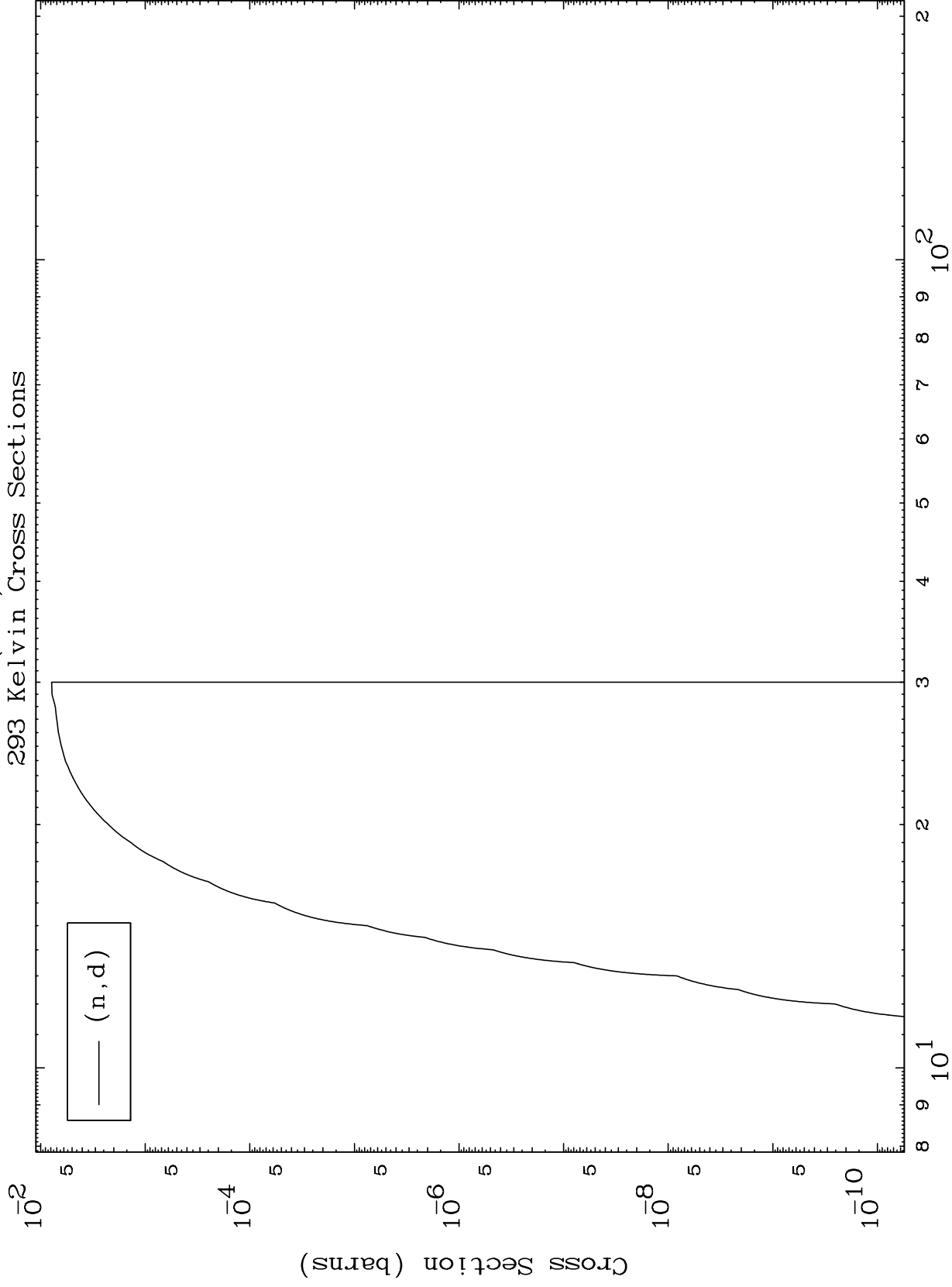
62-Sm-159



MAT 6270

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-159



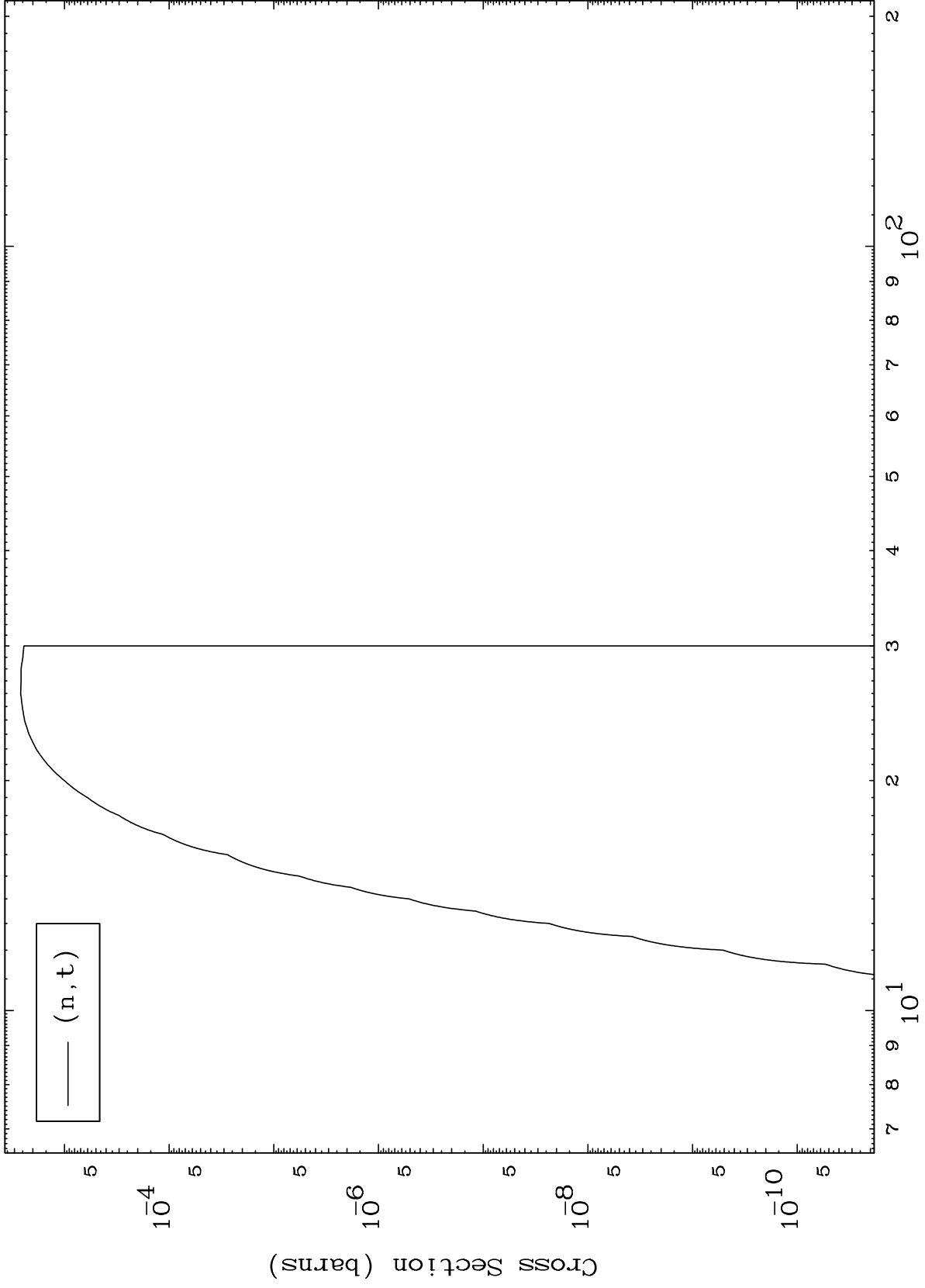
Incident Energy (MeV)

62-Sm-159

MAT 6270

(n,t) Levels
293 Kelvin Cross Sections

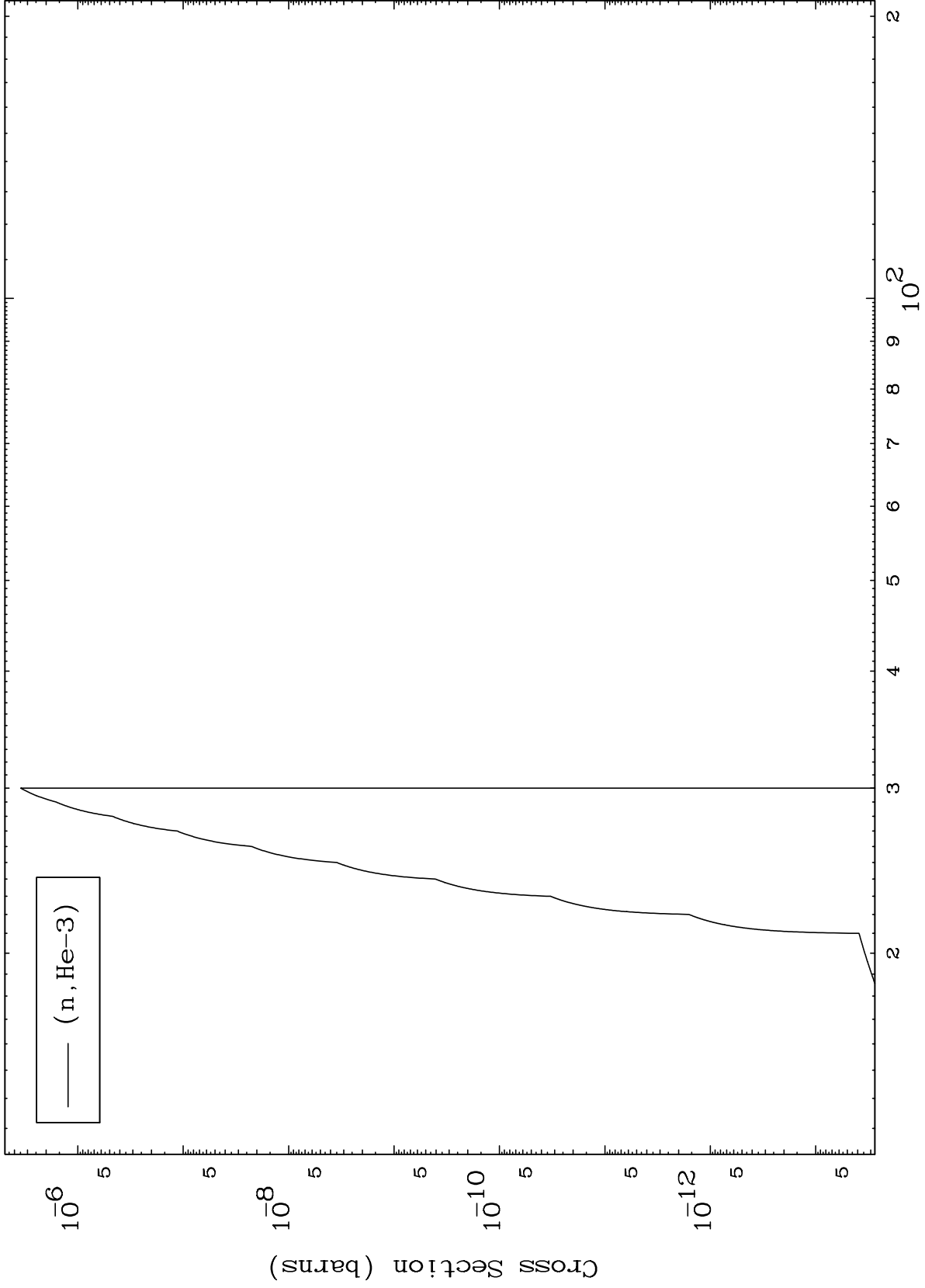
62-Sm-159



MAT 6270

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-159



12

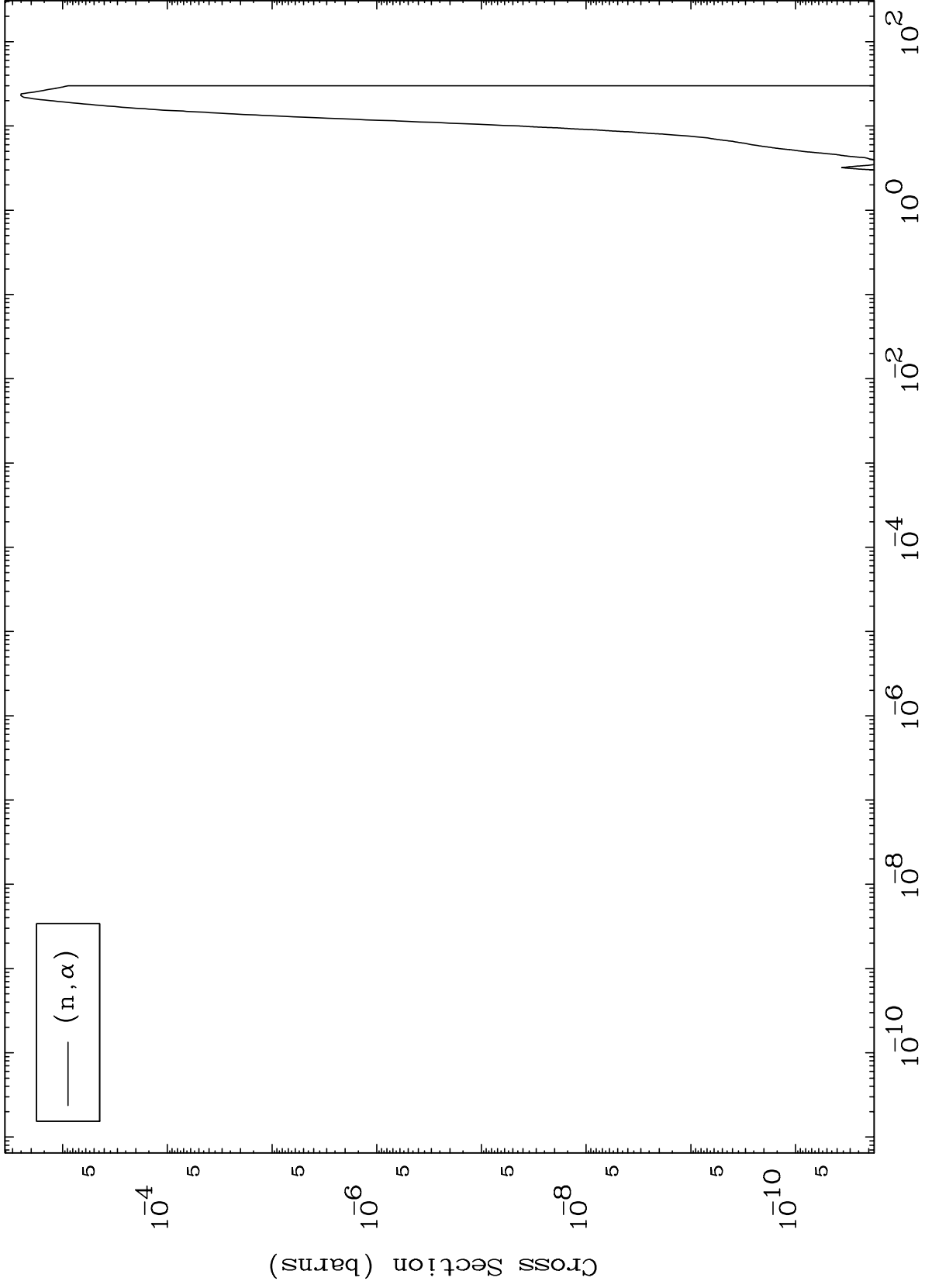
Incident Energy (MeV)

62-Sm-159

MAT 6270

(n, α) Levels
293 Kelvin Cross Sections

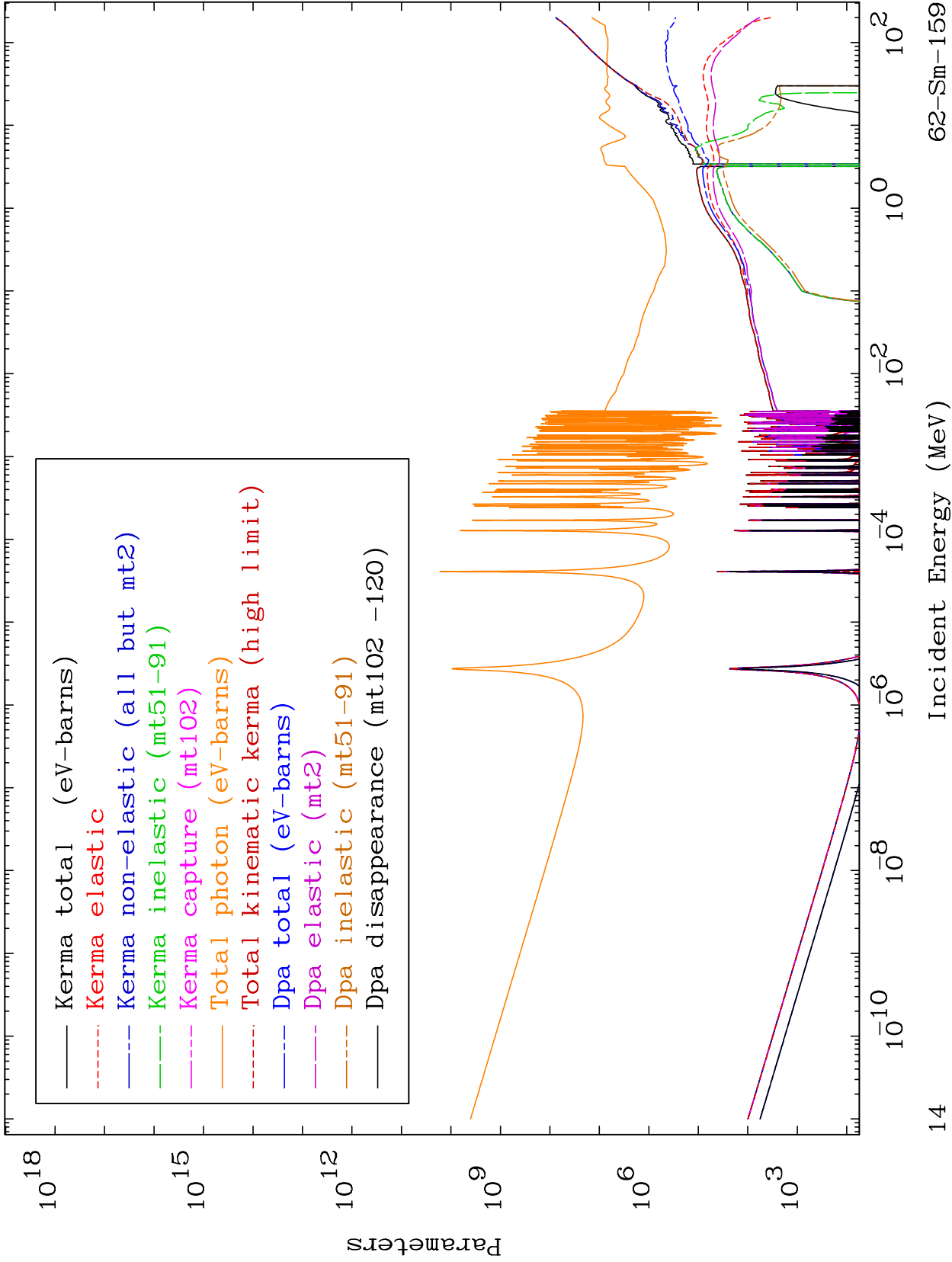
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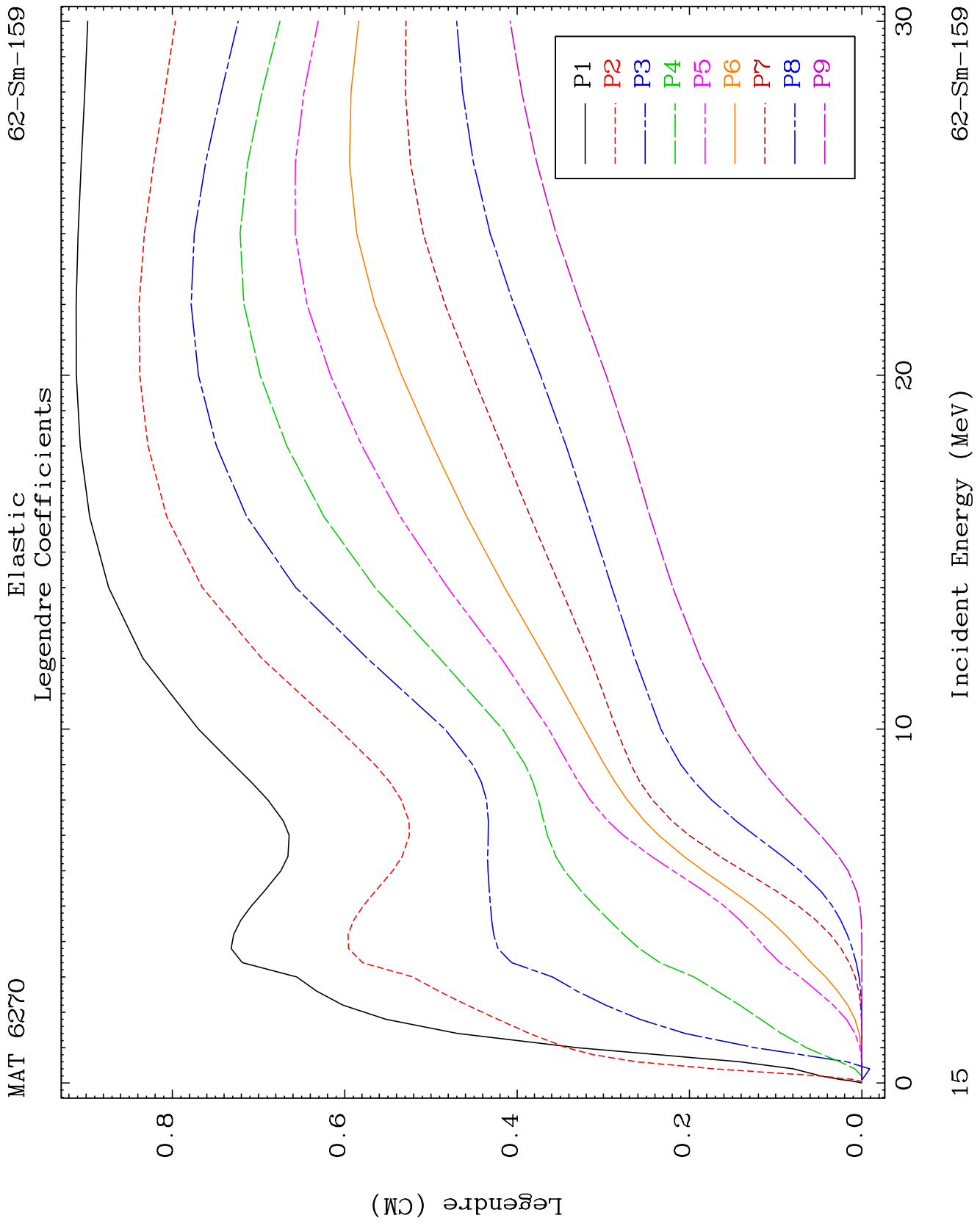


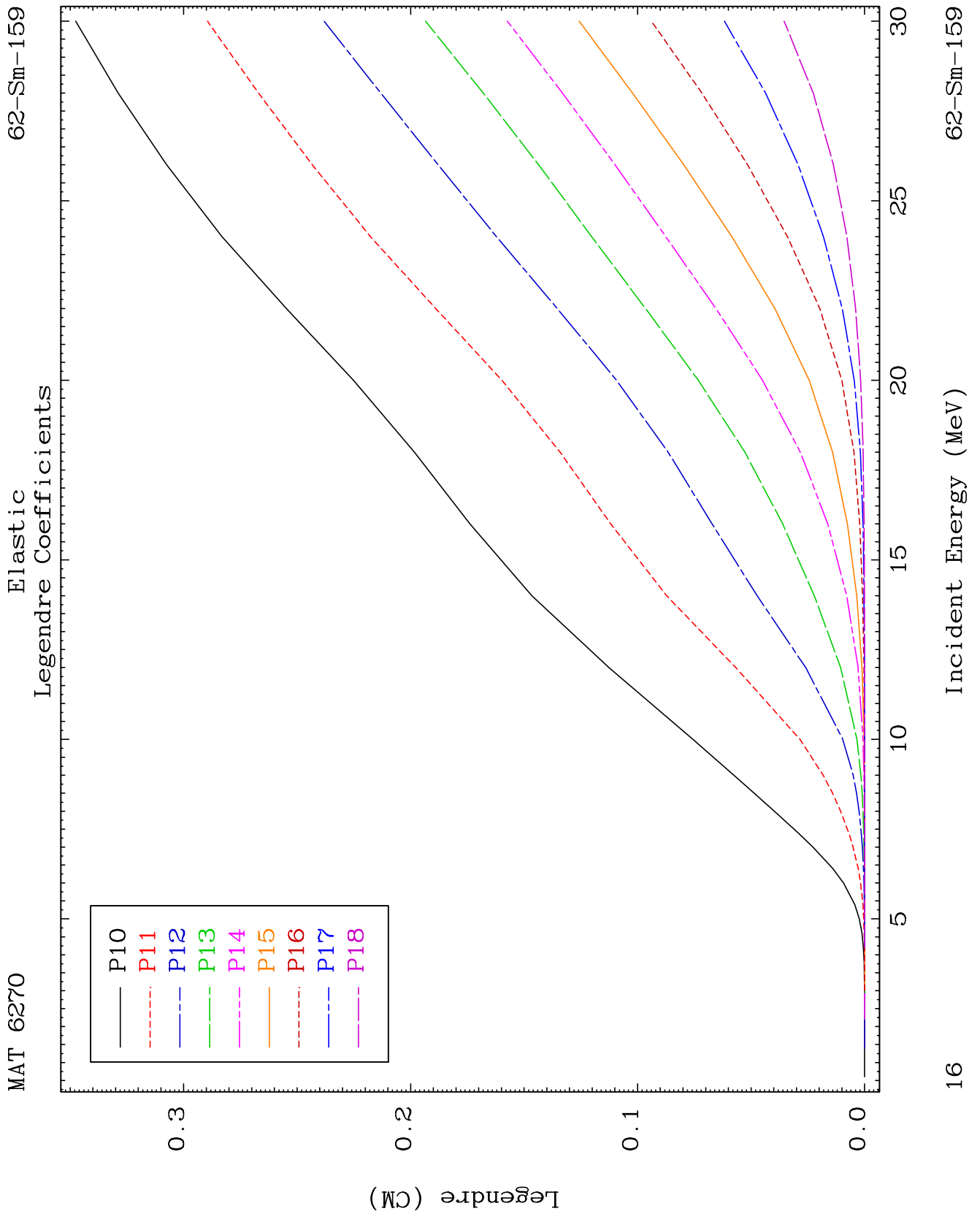
13

Incident Energy (MeV)

62-Sm-159



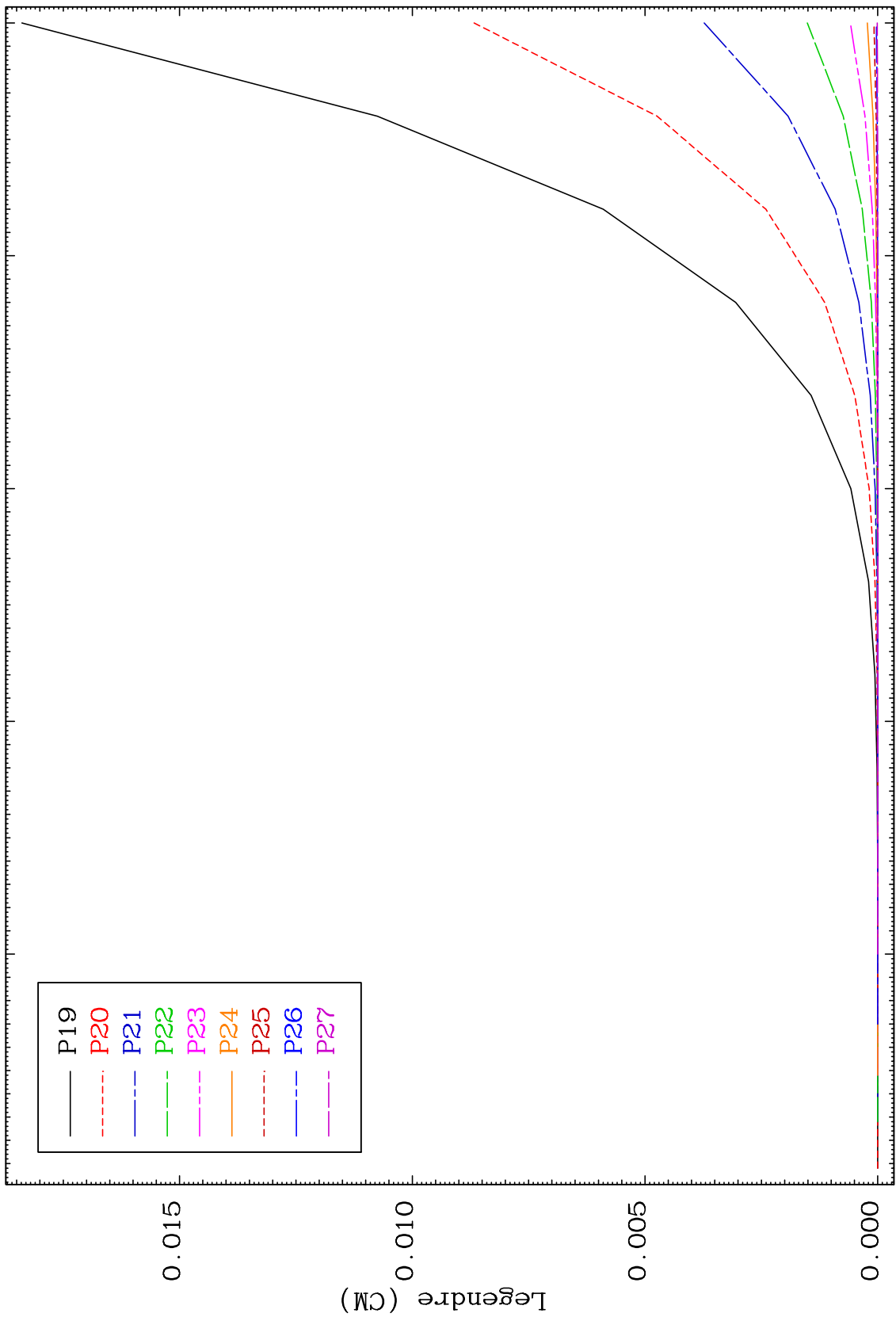




MAT 6270

Elastic Legendre Coefficients

62-Sm-159



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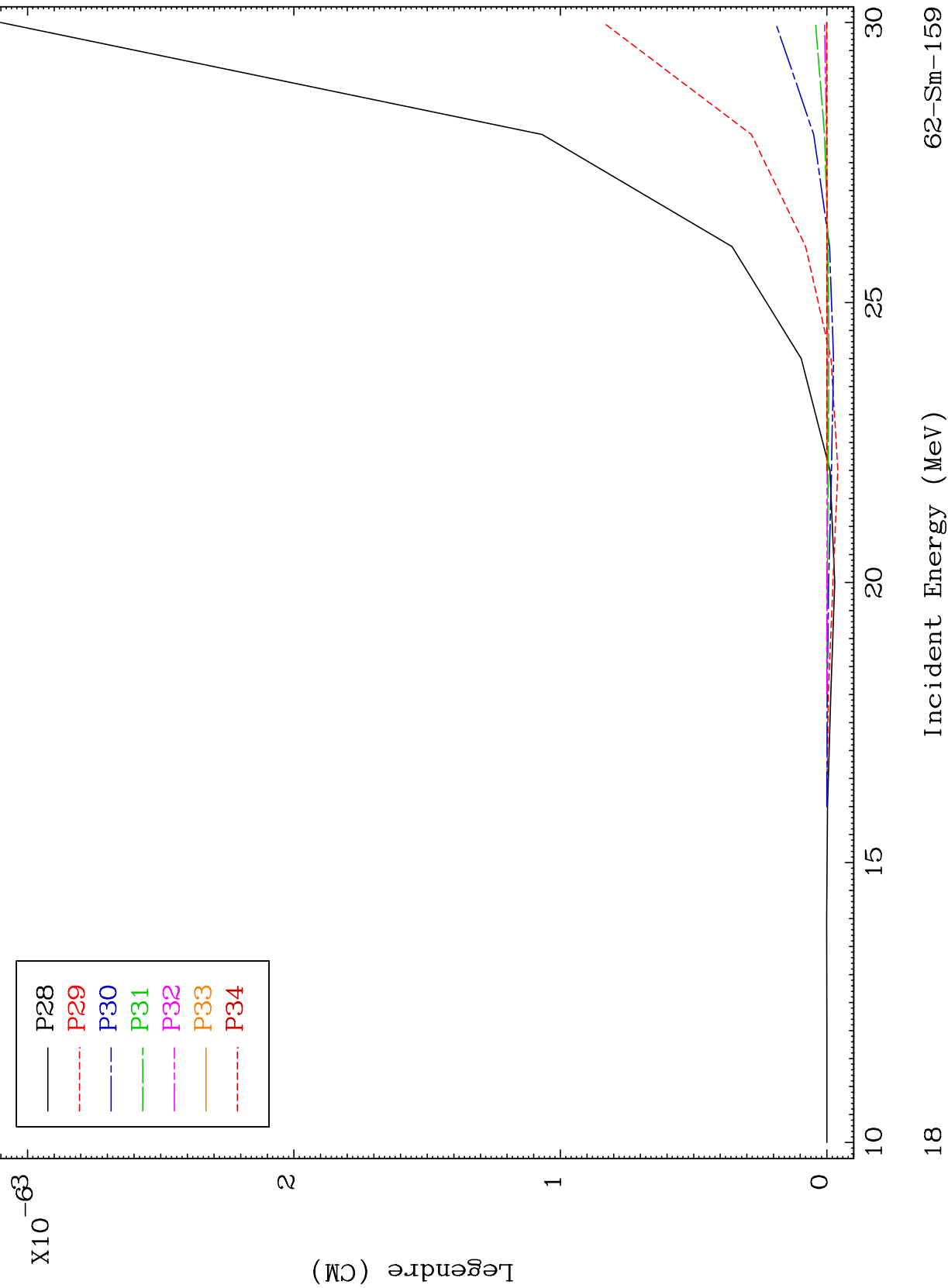
Incident Energy (MeV)

62-Sm-159

MAT 6270

Elastic Legendre Coefficients

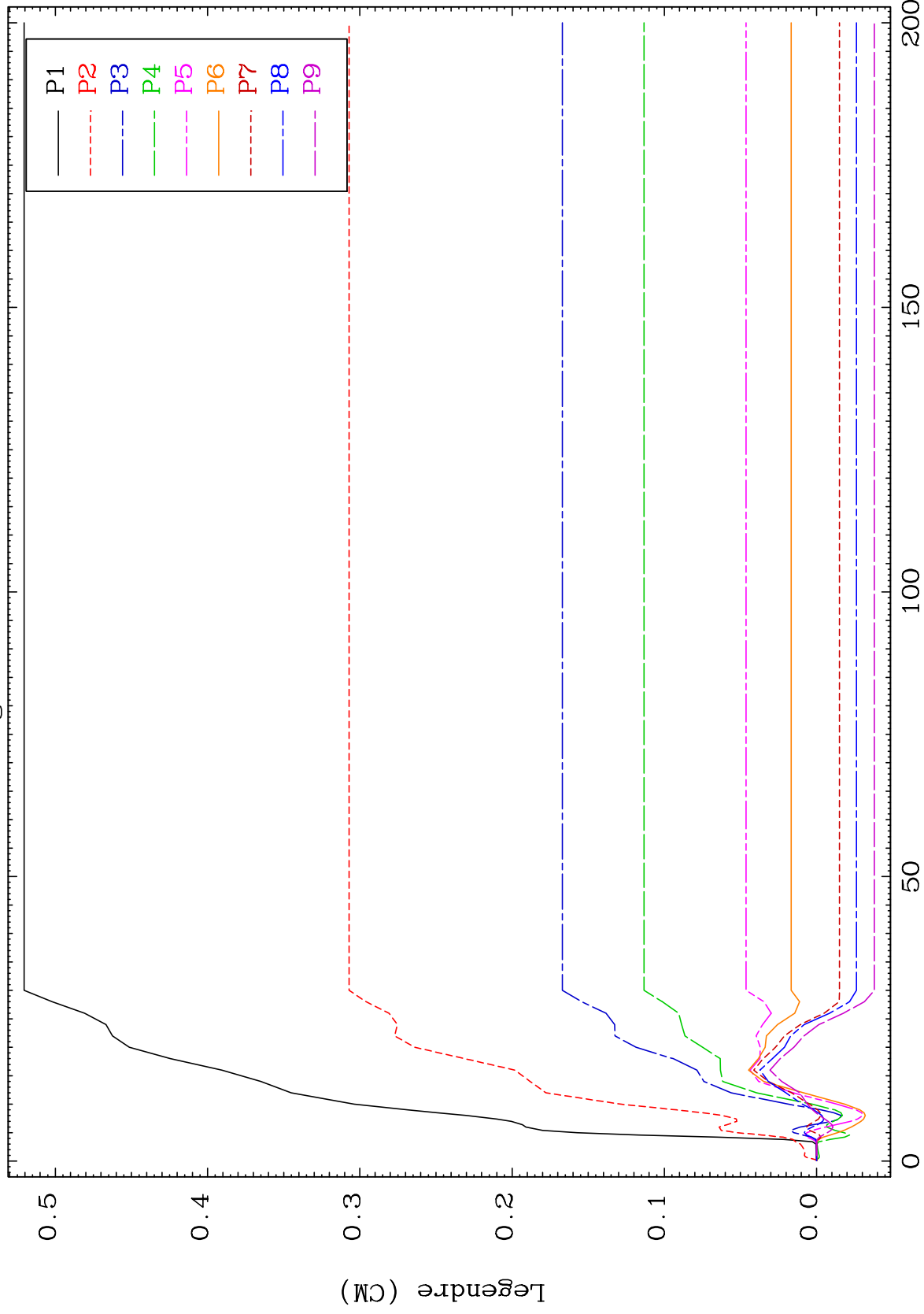
62-Sm-159



MAT 6270

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

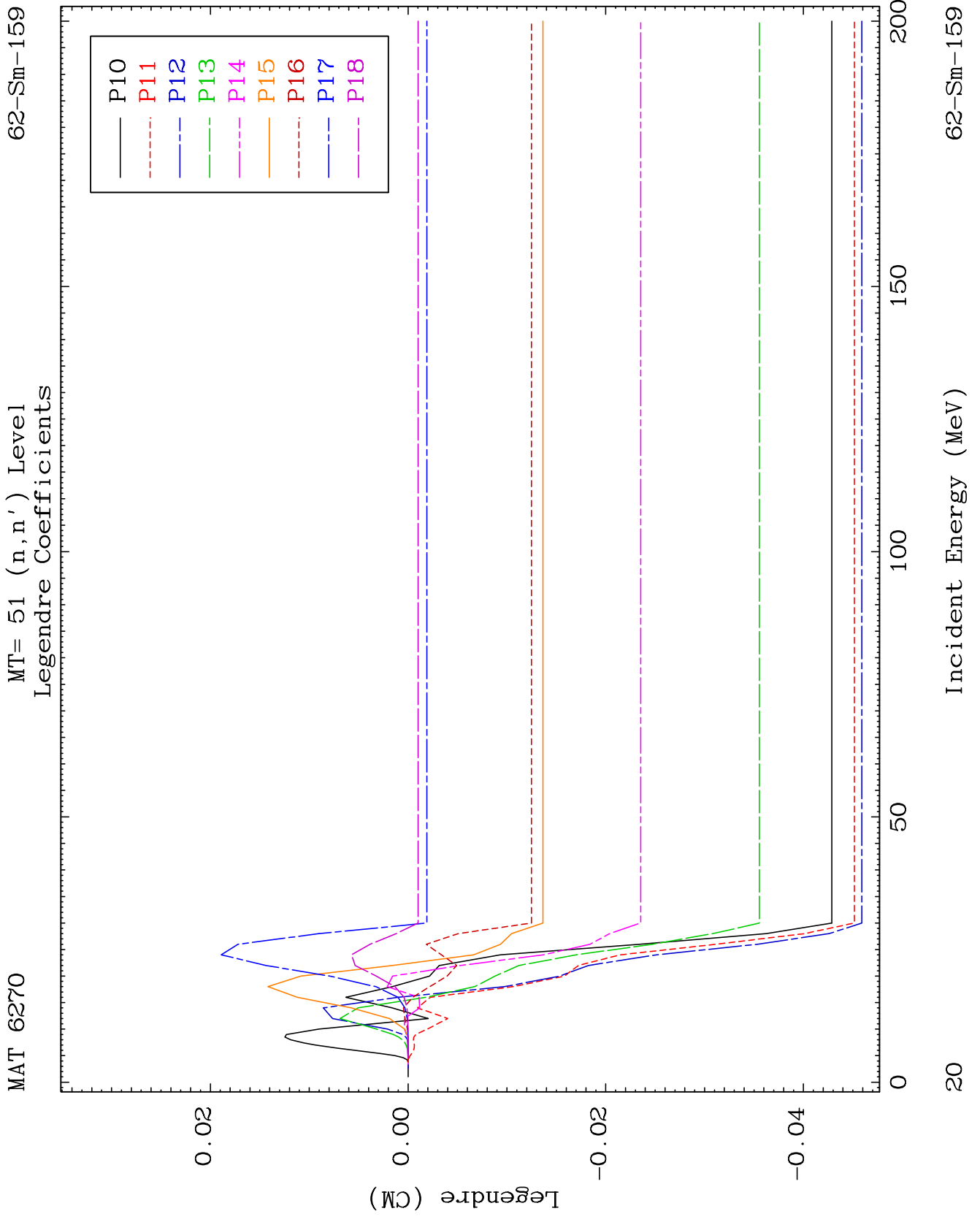
62-Sm-159



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Incident Energy (MeV)

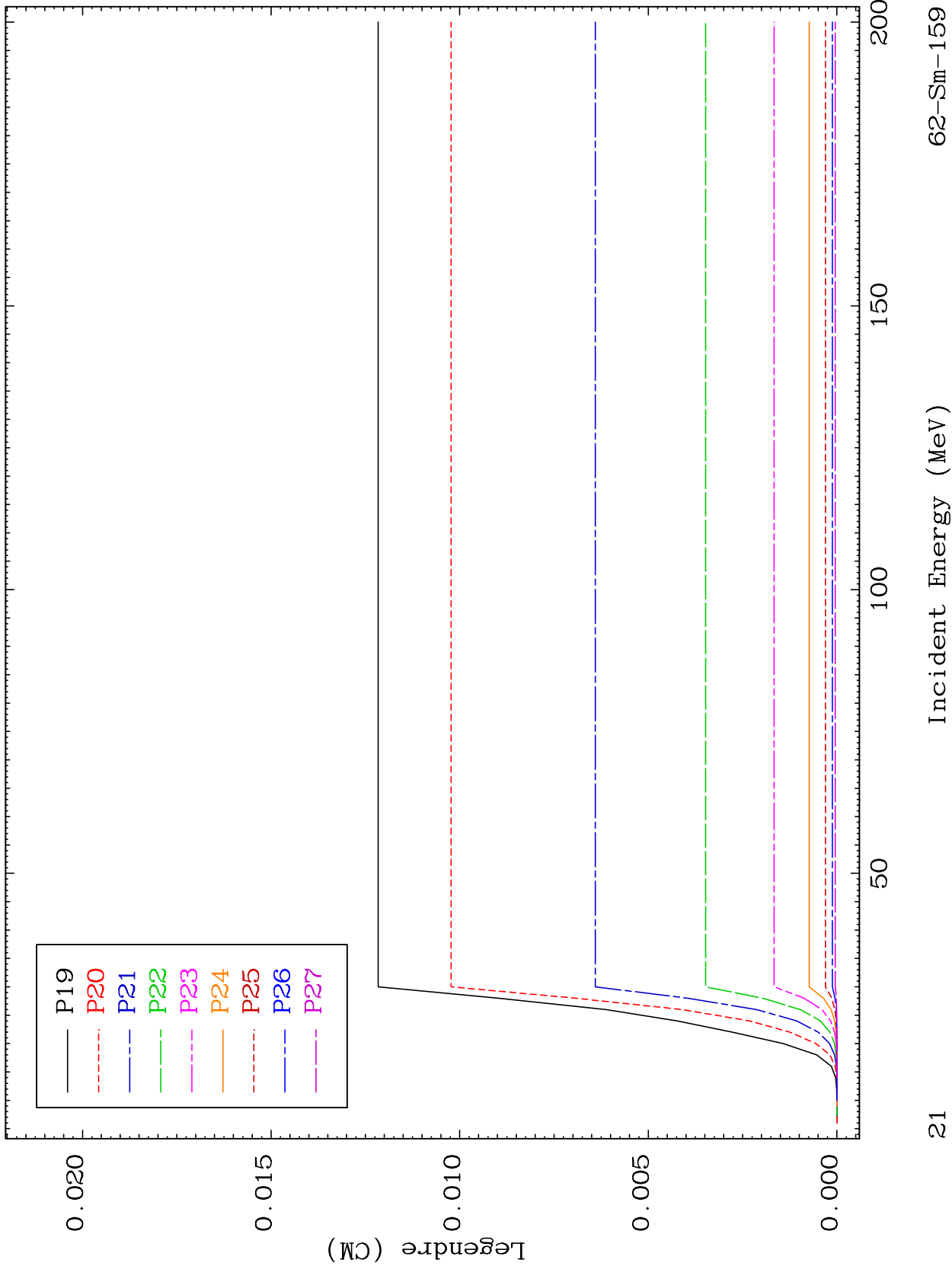
62-Sm-159



MAT 6270

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

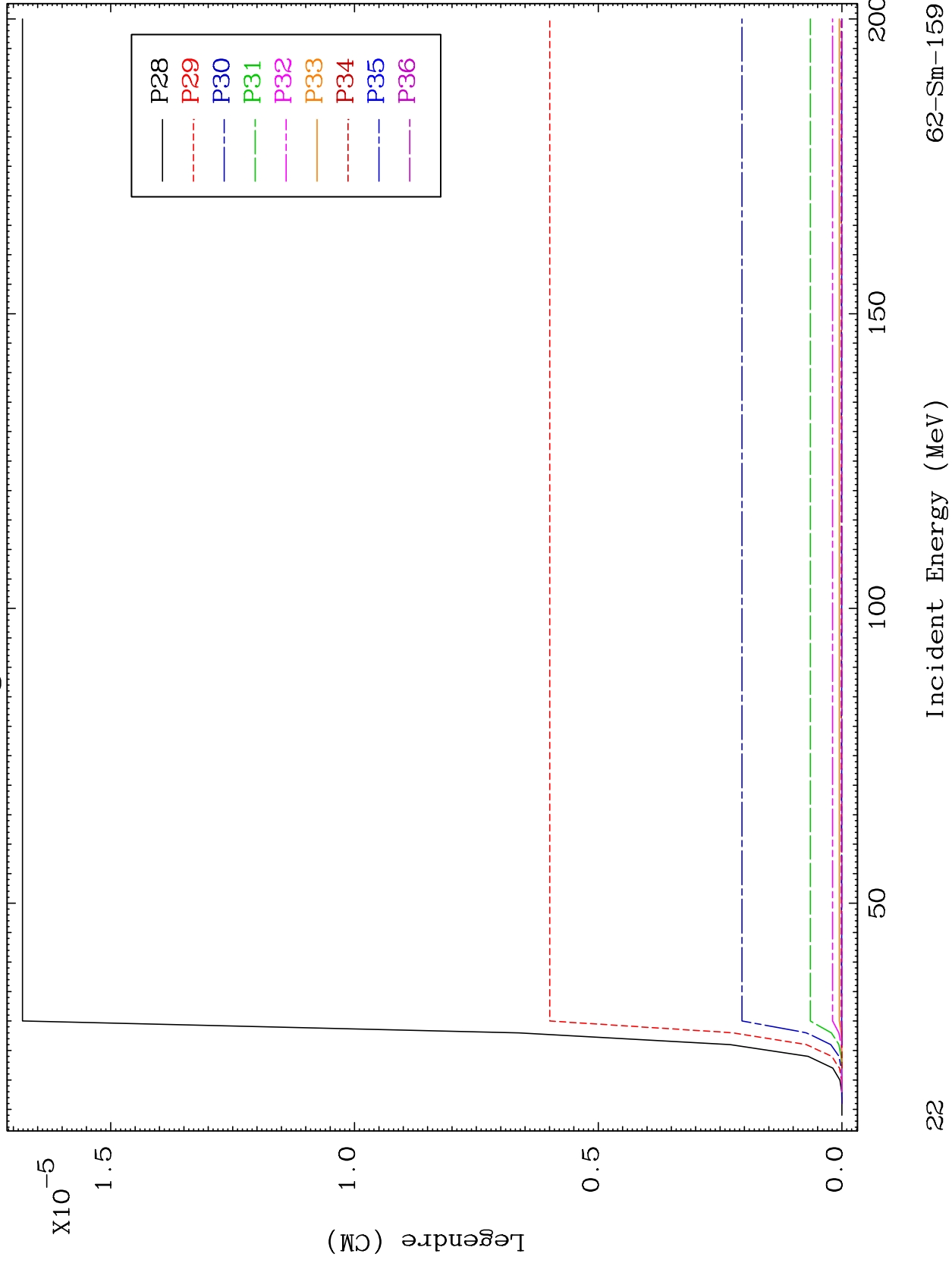
62-Sm-159



MAT 6270

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

62-Sm-159

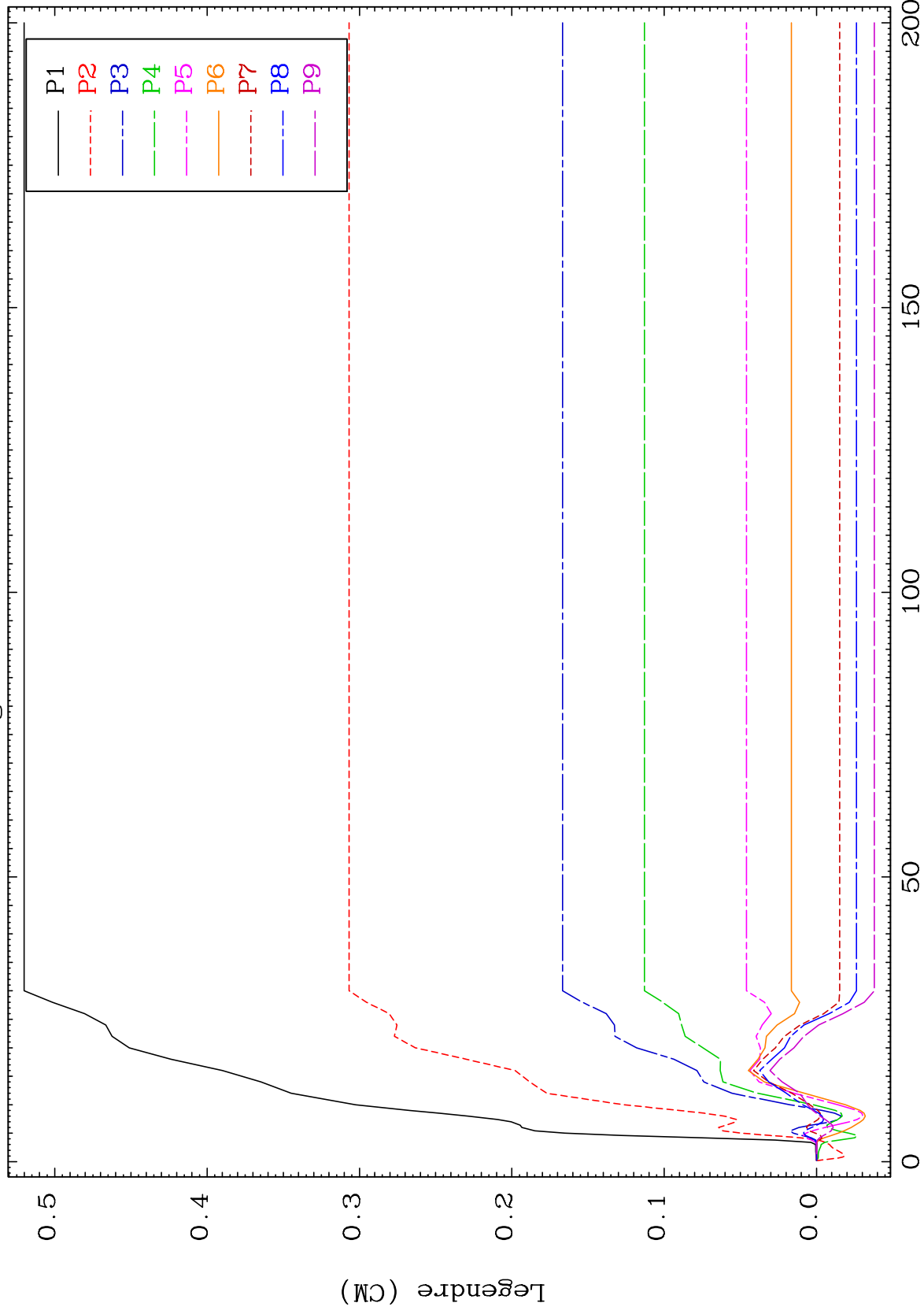


22

MAT 6270

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

62-Sm-159



23

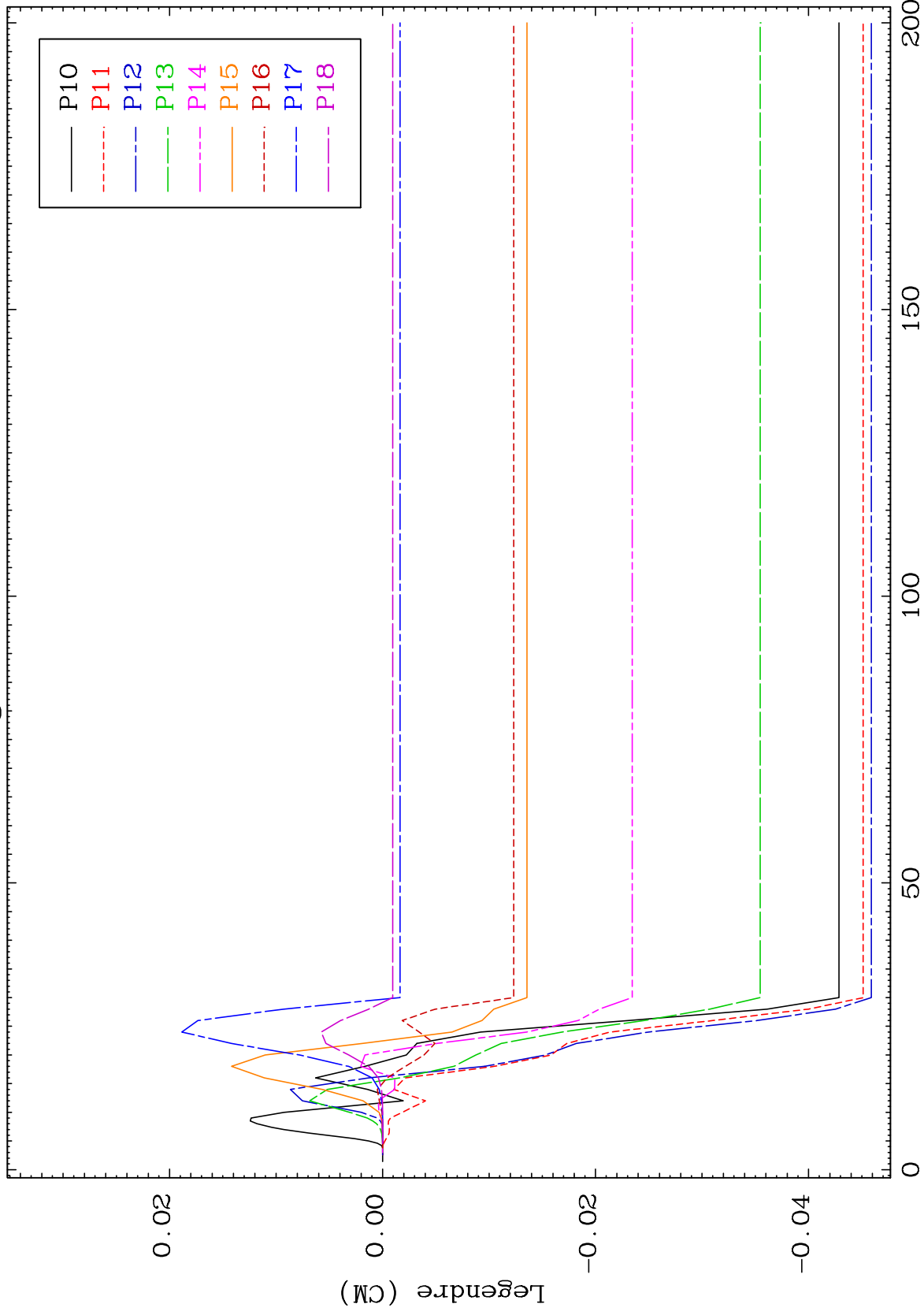
Incident Energy (MeV)

62-Sm-159

MAT 6270

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

62-Sm-159



24

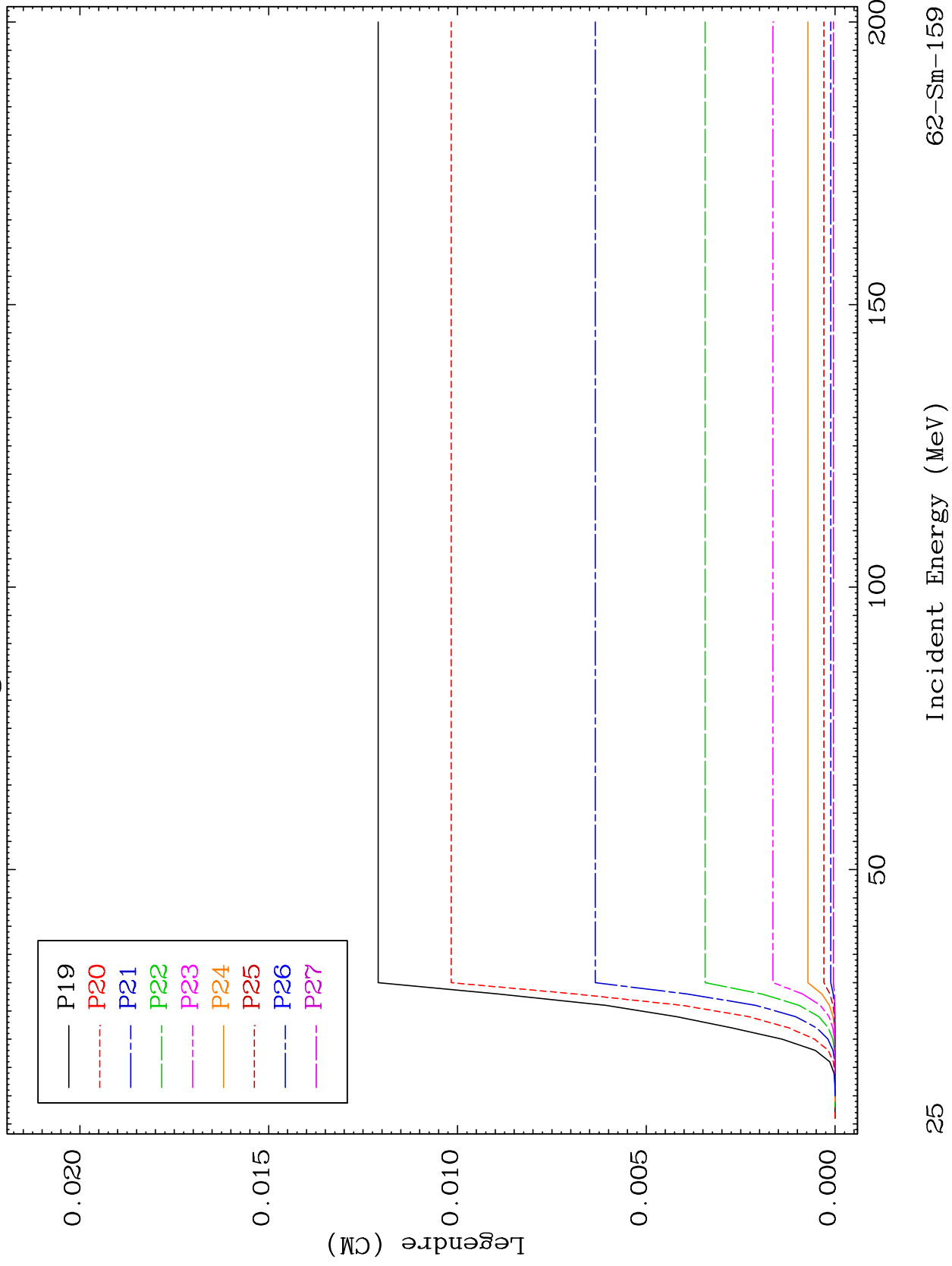
Incident Energy (MeV)

62-Sm-159

MAT 6270

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

62-Sm-159



25

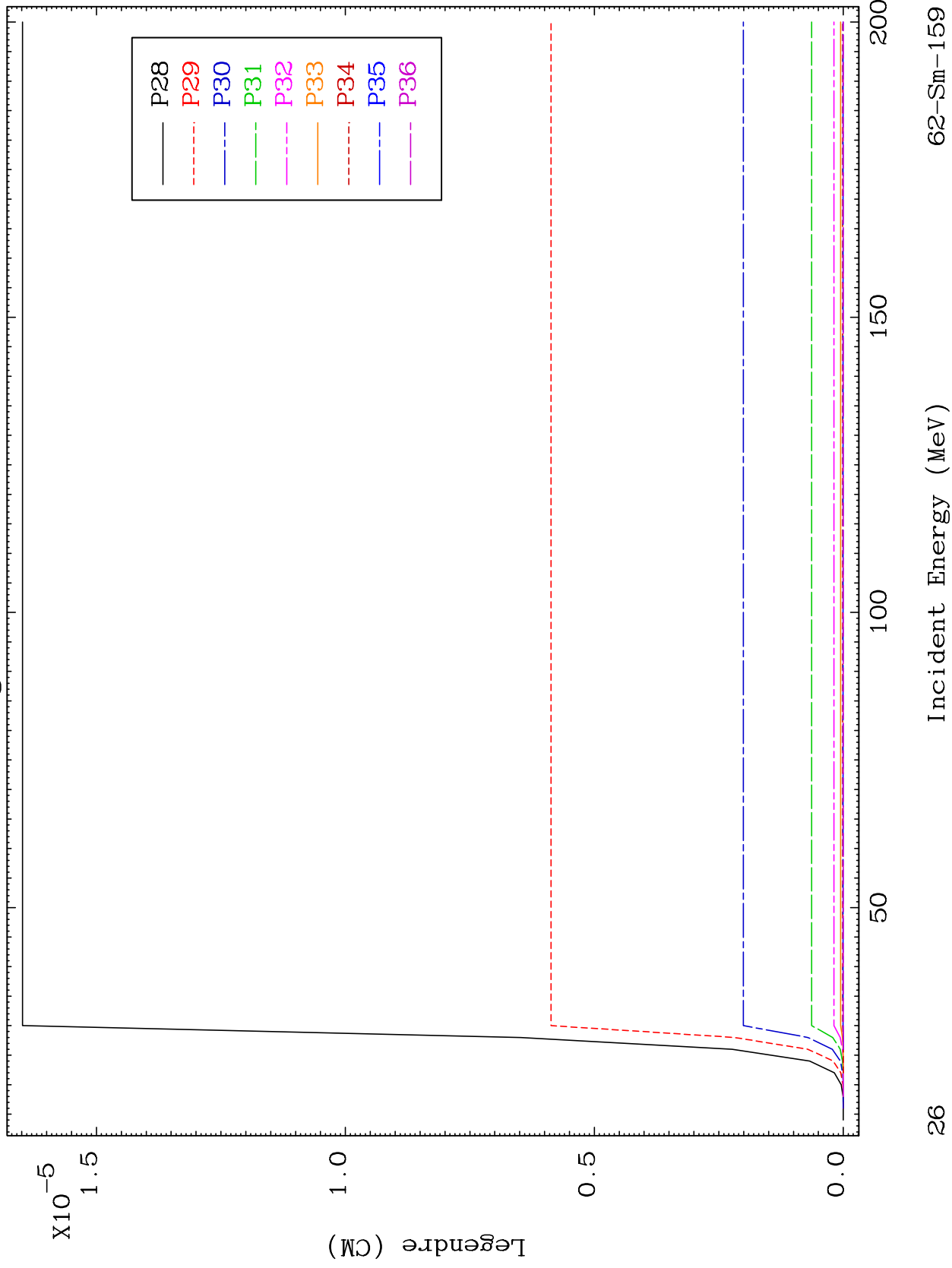
Incident Energy (MeV)

62-Sm-159

MAT 6270

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

62-Sm-159



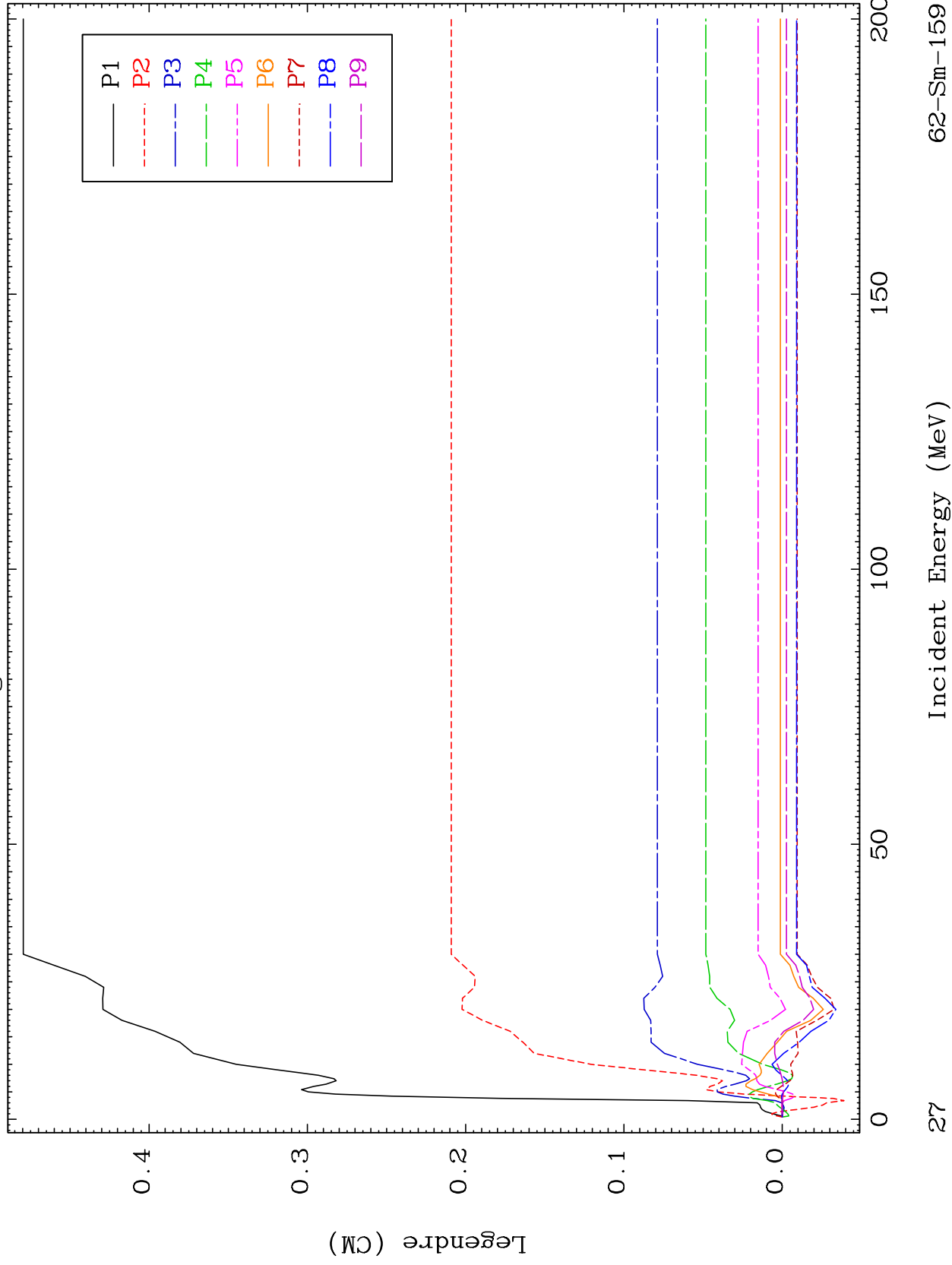
26

62-Sm-159

MAT 6270

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

62-Sm-159



62-Sm-159

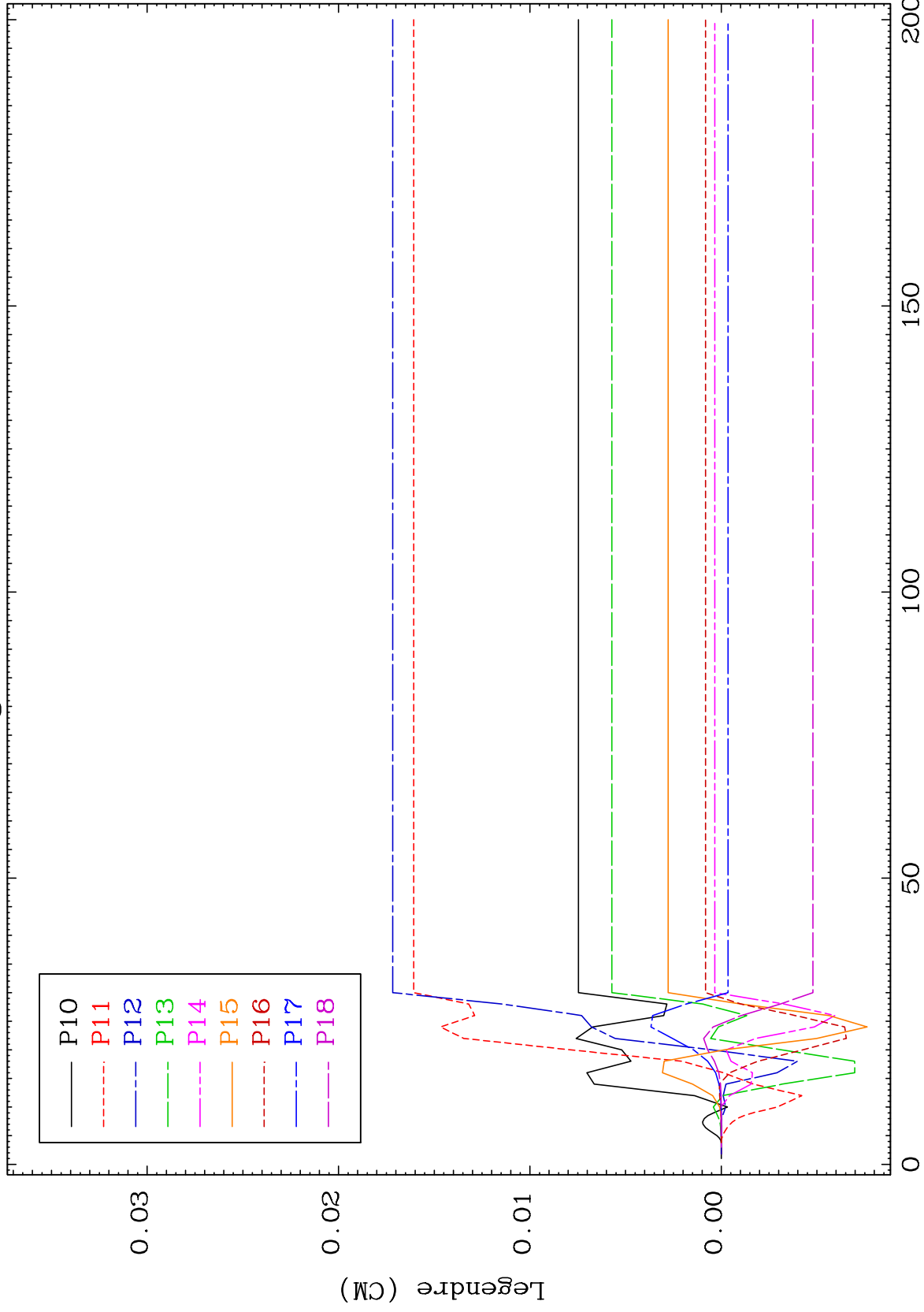
Incident Energy (MeV)

27

MAT 6270

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

62-Sm-159



28

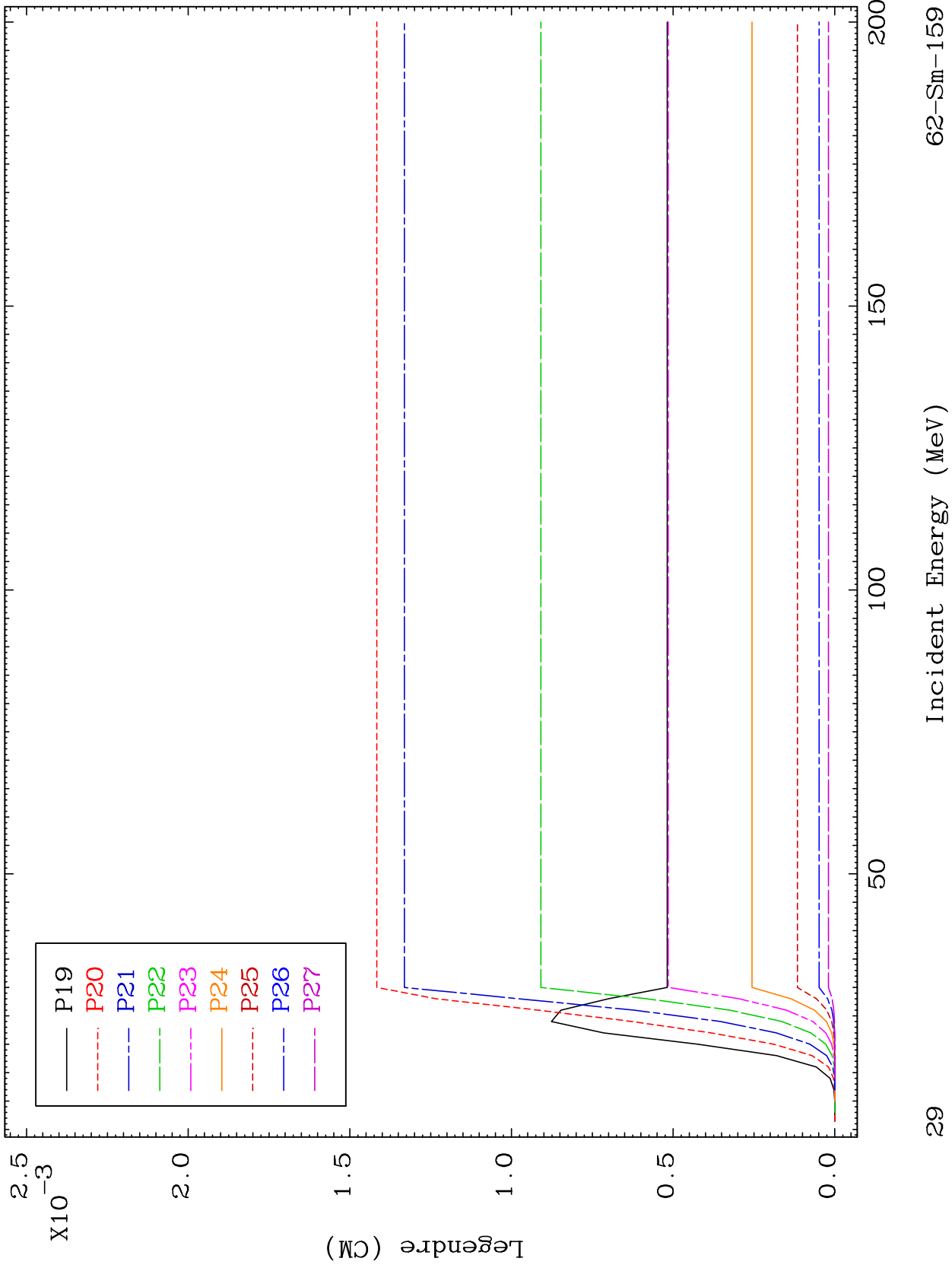
Incident Energy (MeV)

62-Sm-159

MAT 6270

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

62-Sm-159



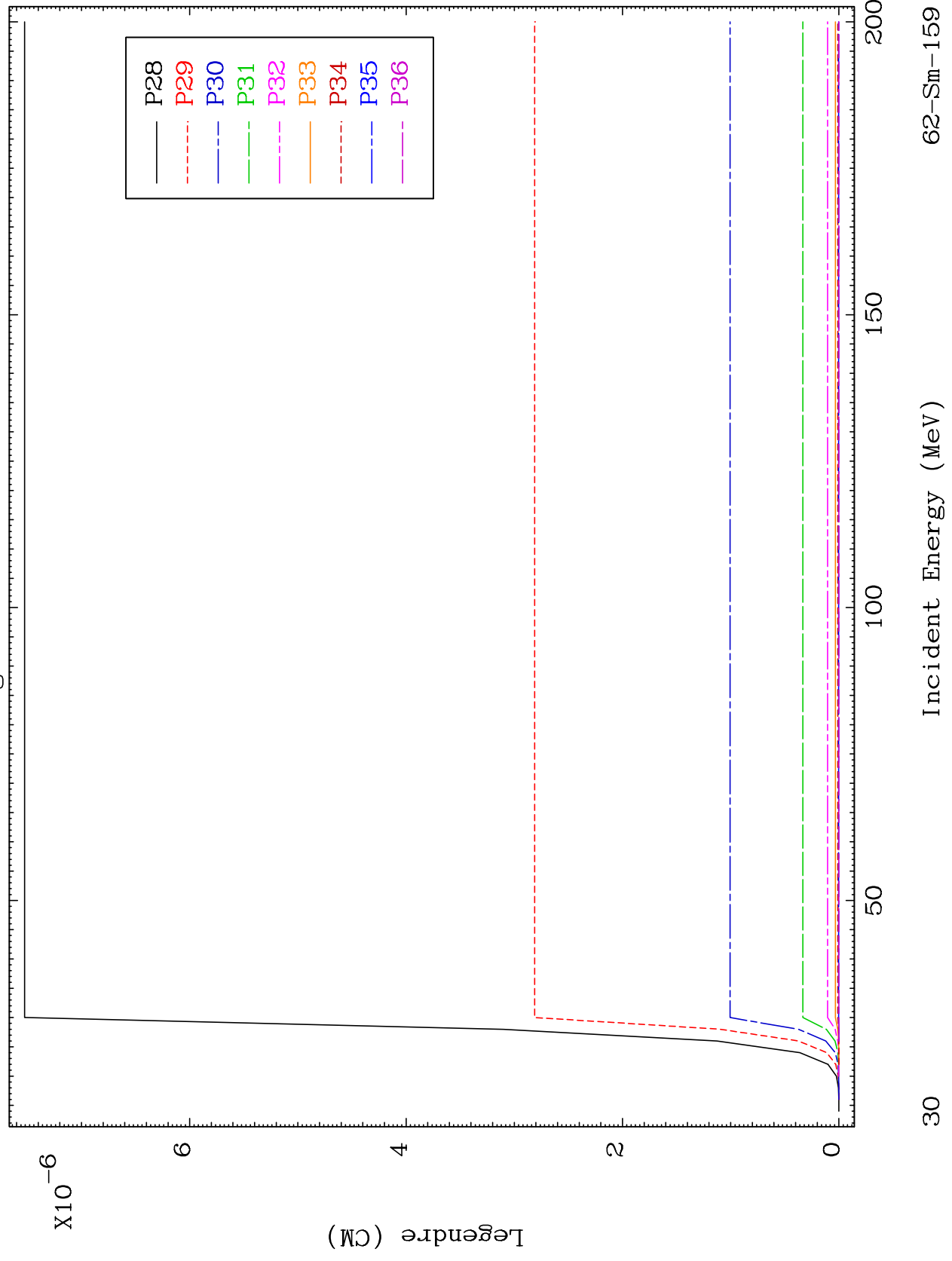
29

62-Sm-159

MAT 6270

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

62-Sm-159



30

50

100

150

200

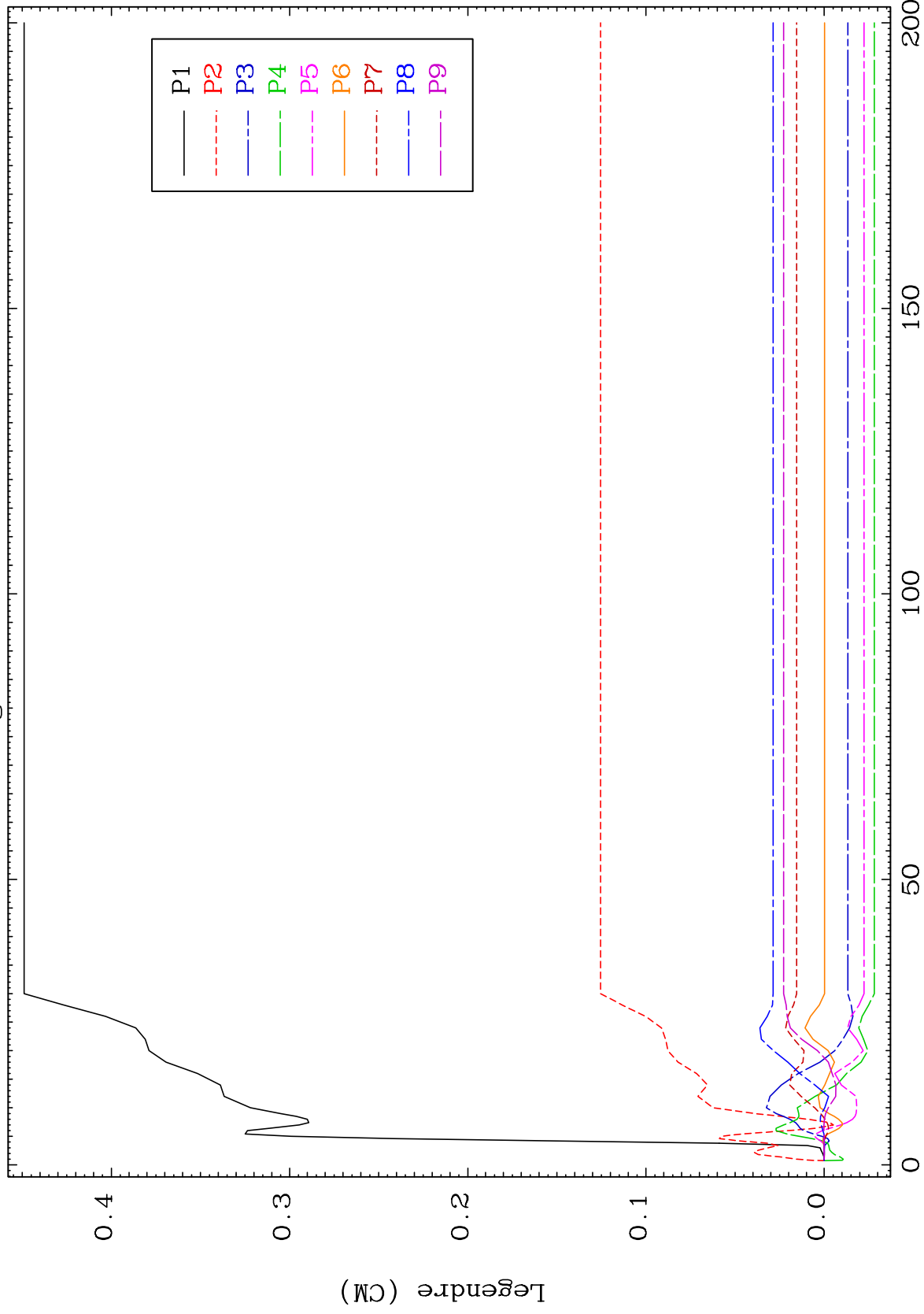
Incident Energy (MeV)

62-Sm-159

MAT 6270

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

62-Sm-159



31

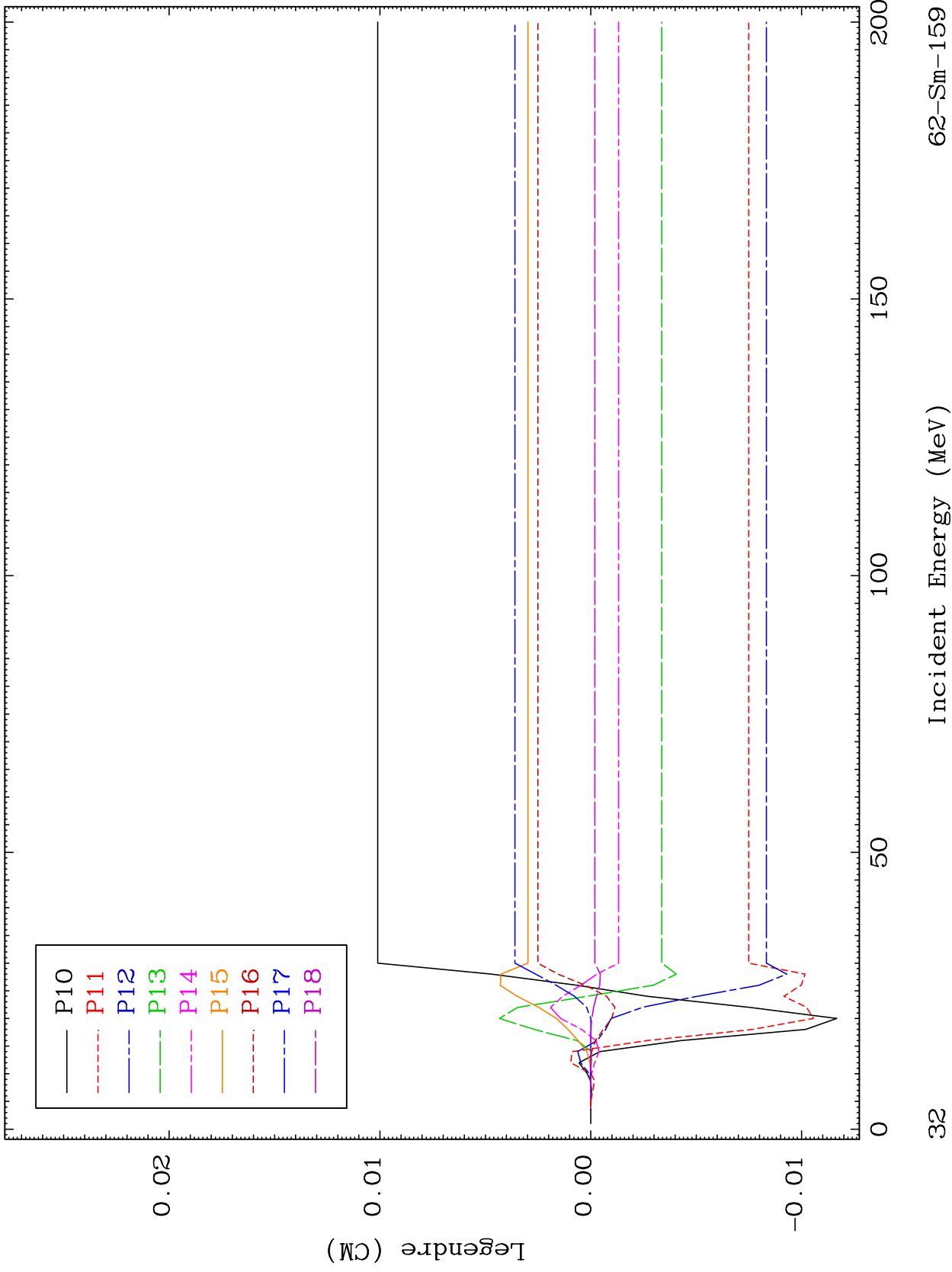
Incident Energy (MeV)

62-Sm-159

MAT 6270

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

62-Sm-159



32

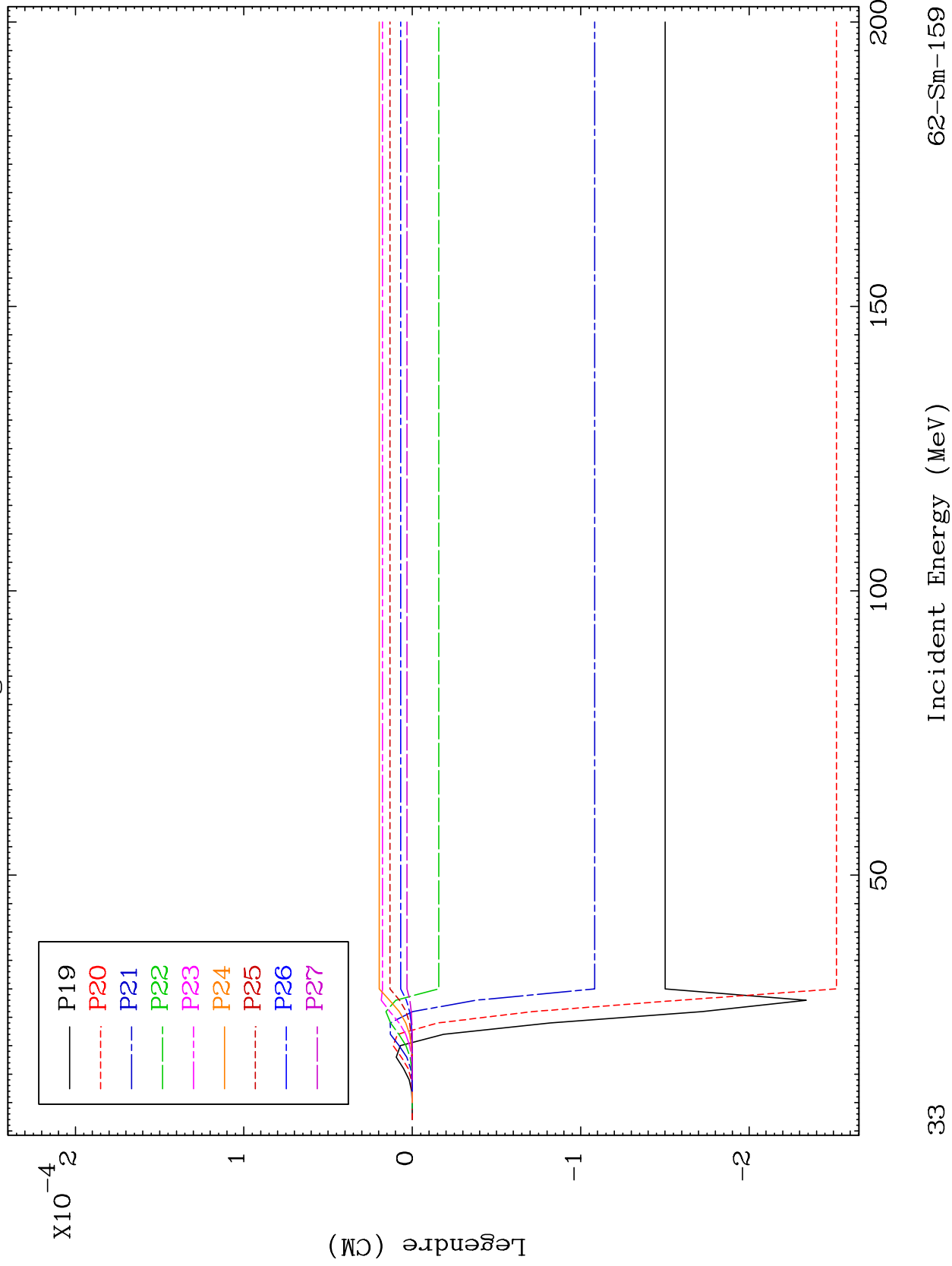
Incident Energy (MeV)

62-Sm-159

MAT 6270

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

62-Sm-159



33

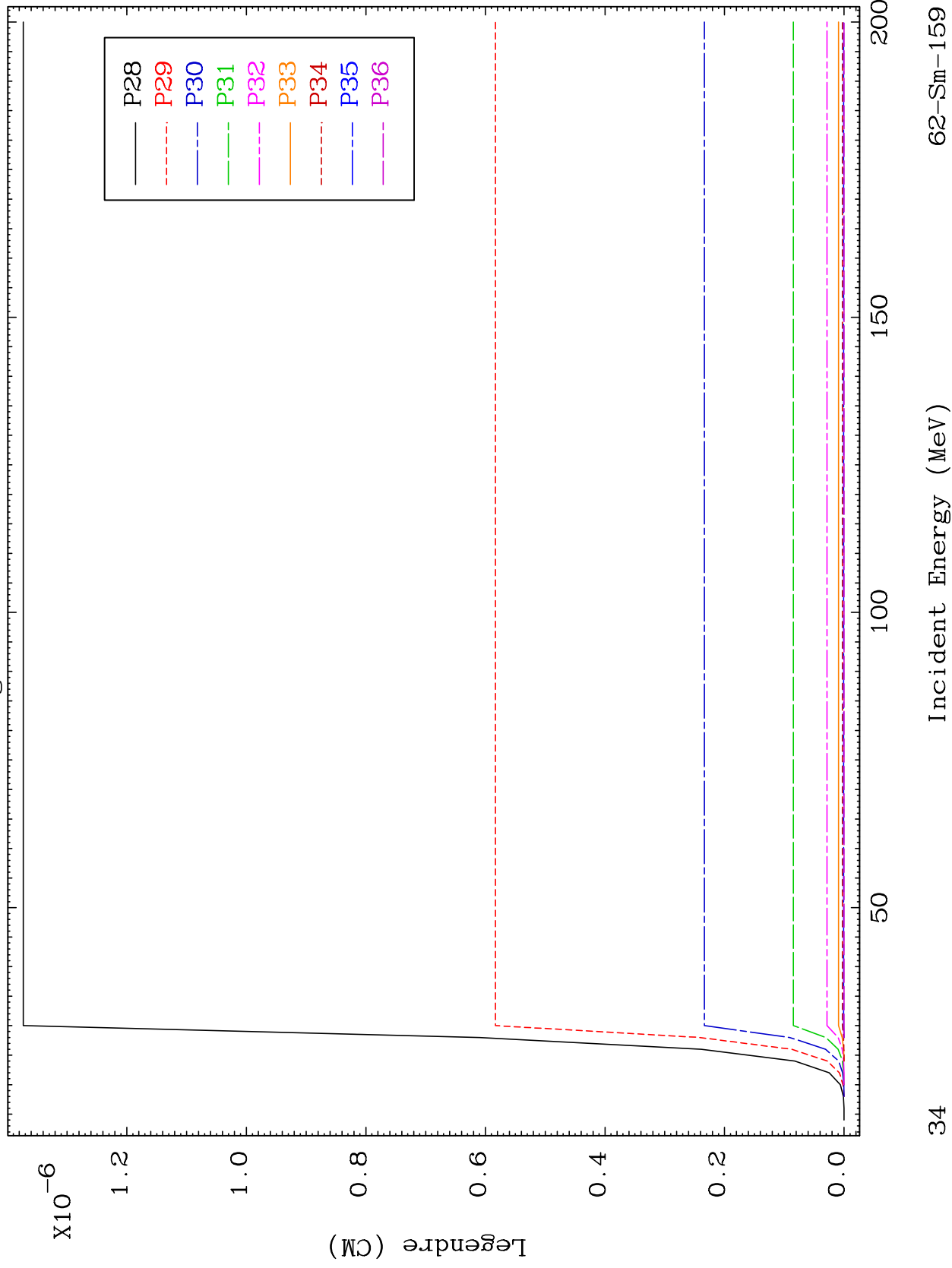
Incident Energy (MeV)

62-Sm-159

MAT 6270

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

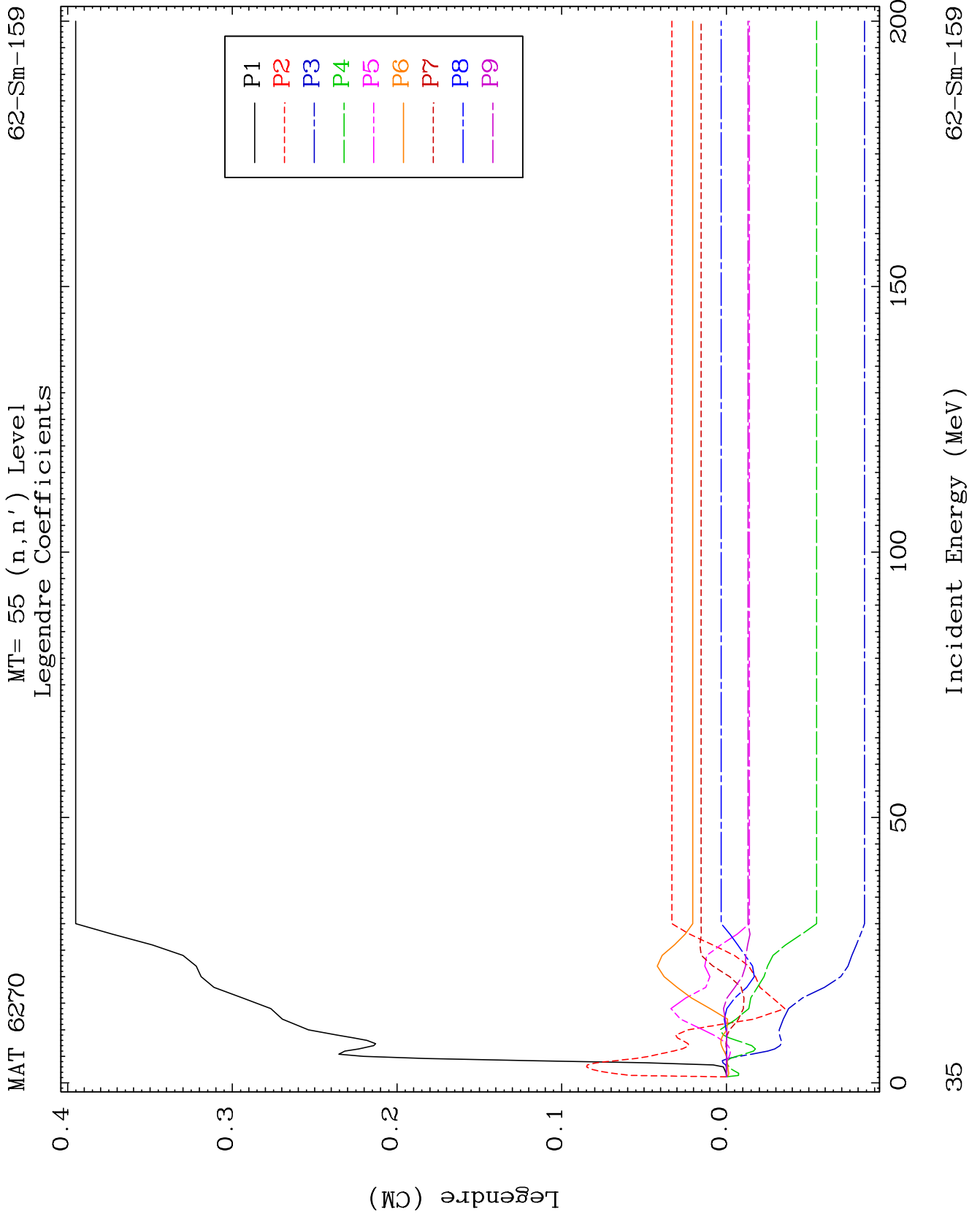
62-Sm-159



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Incident Energy (MeV)

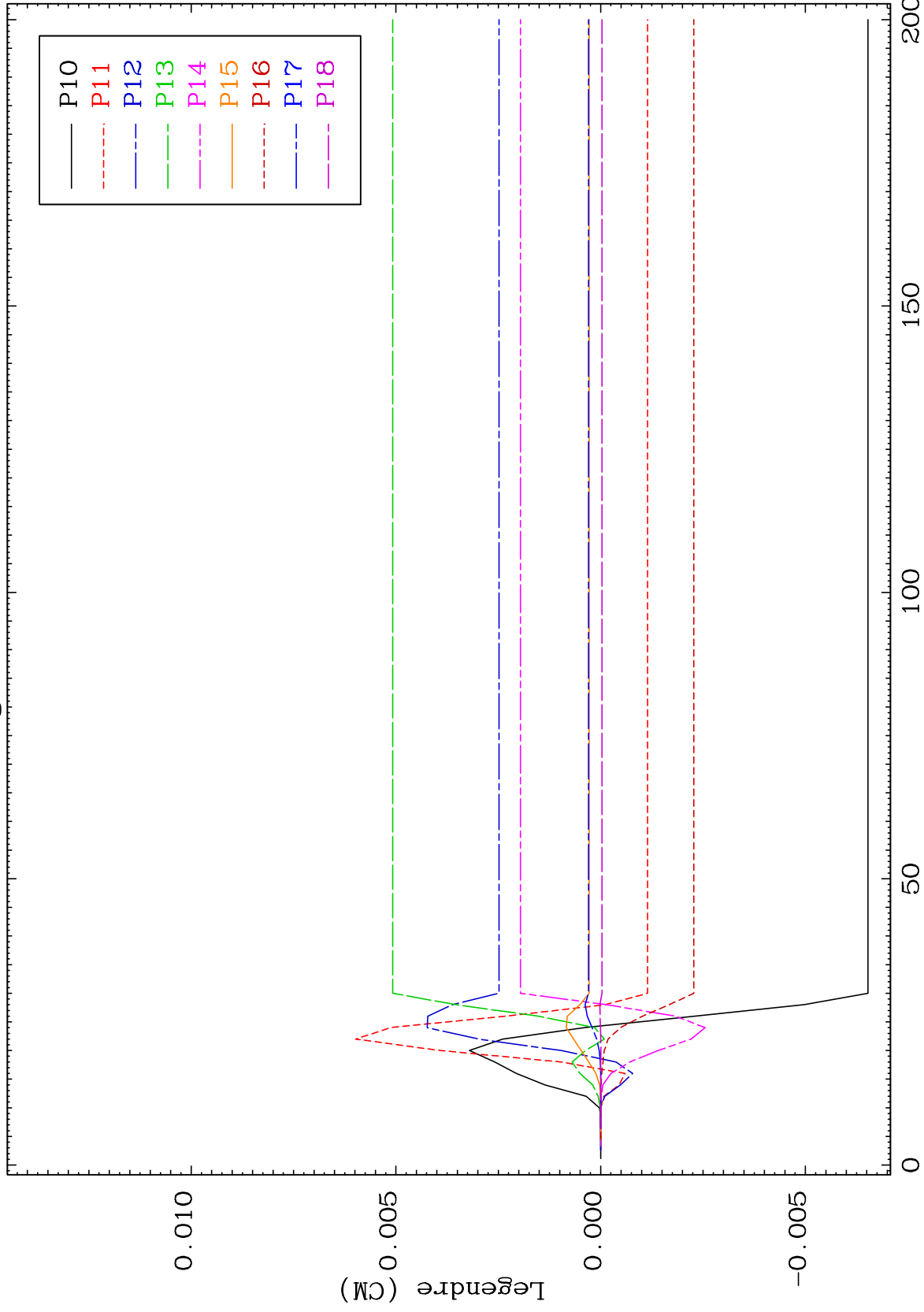
62-Sm-159



MAT 6270

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

62-Sm-159



36

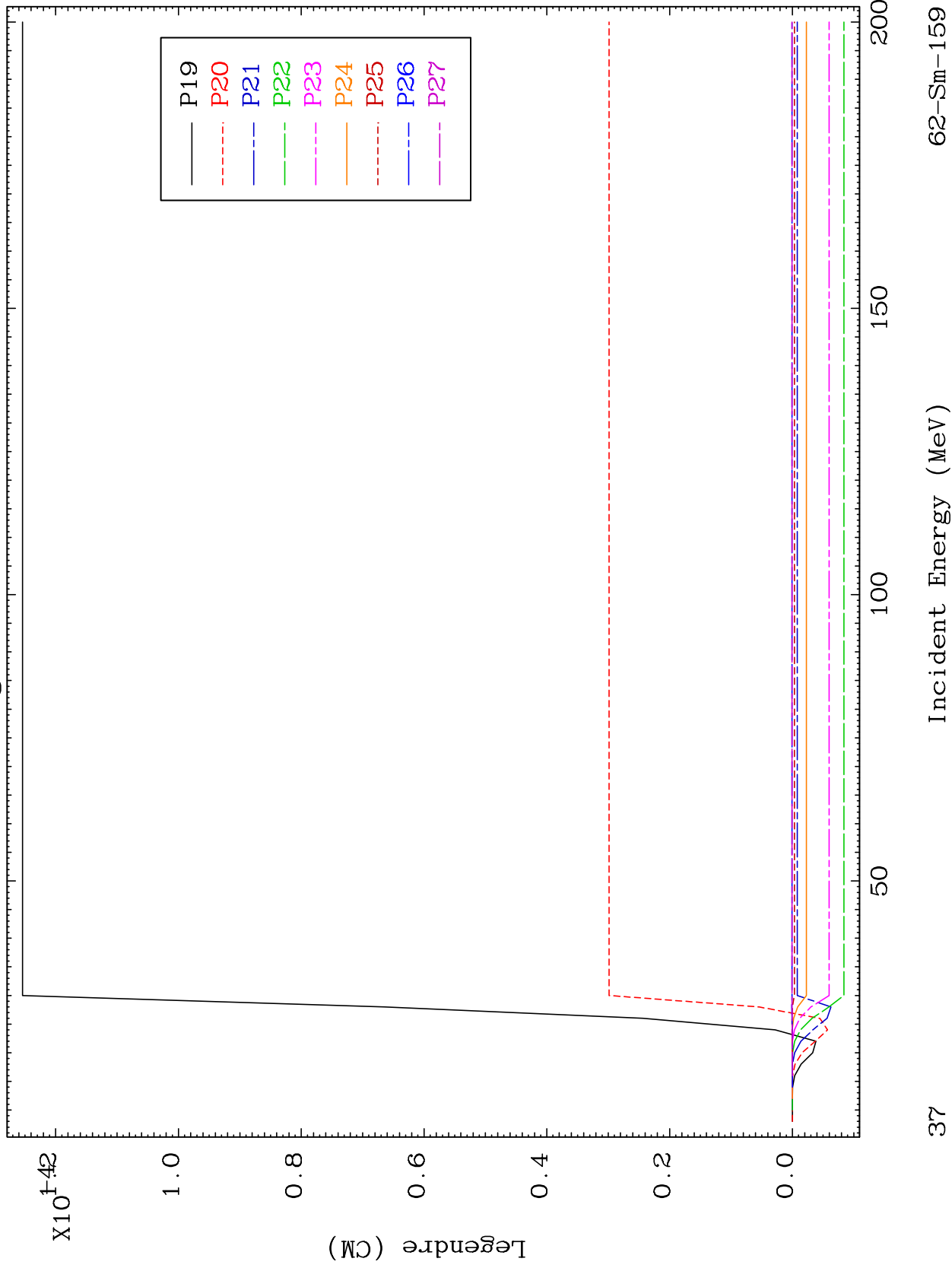
Incident Energy (MeV)

62-Sm-159

MAT 6270

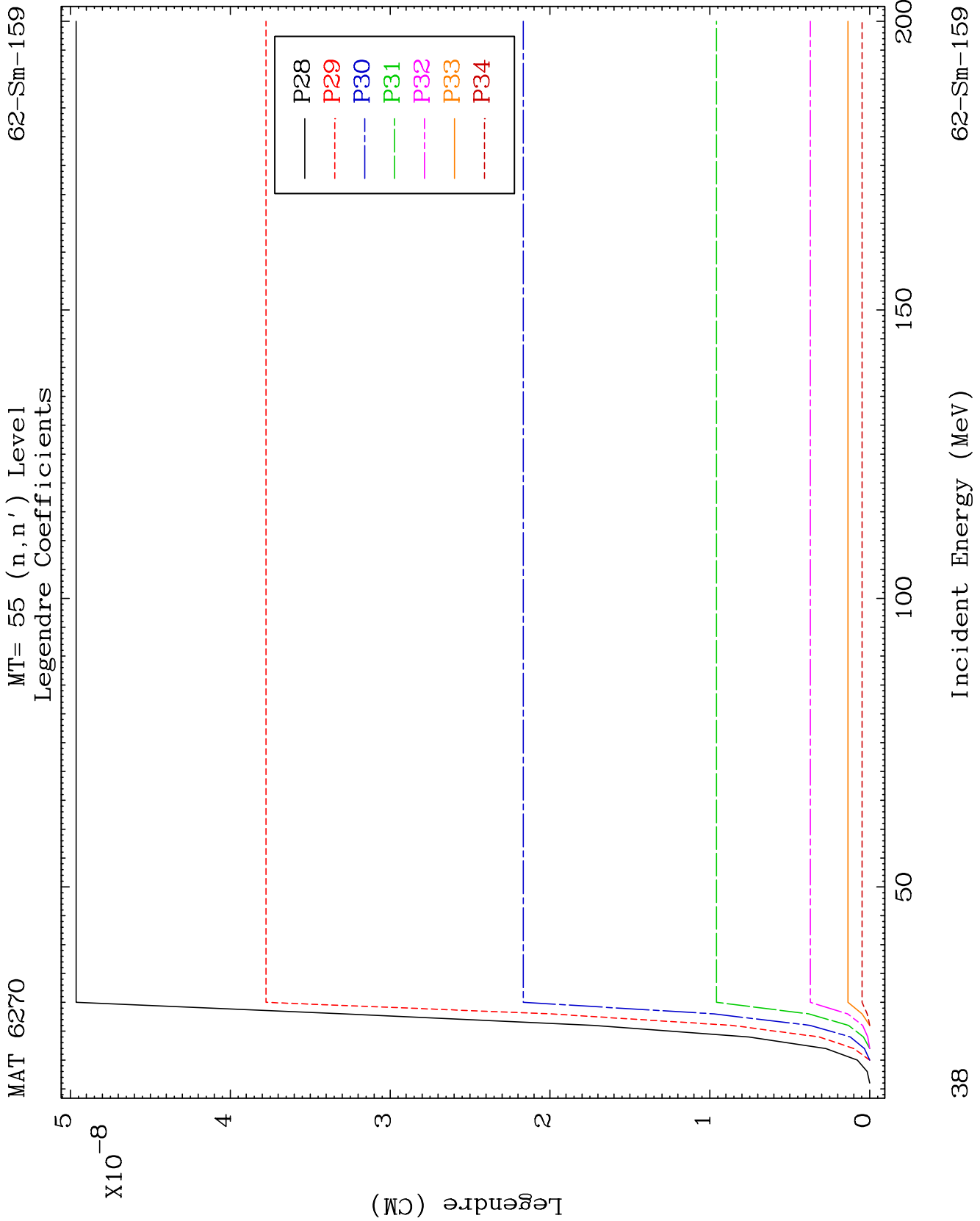
MT= 55 (n,n') Level
Legendre Coefficients

62-Sm-159



37

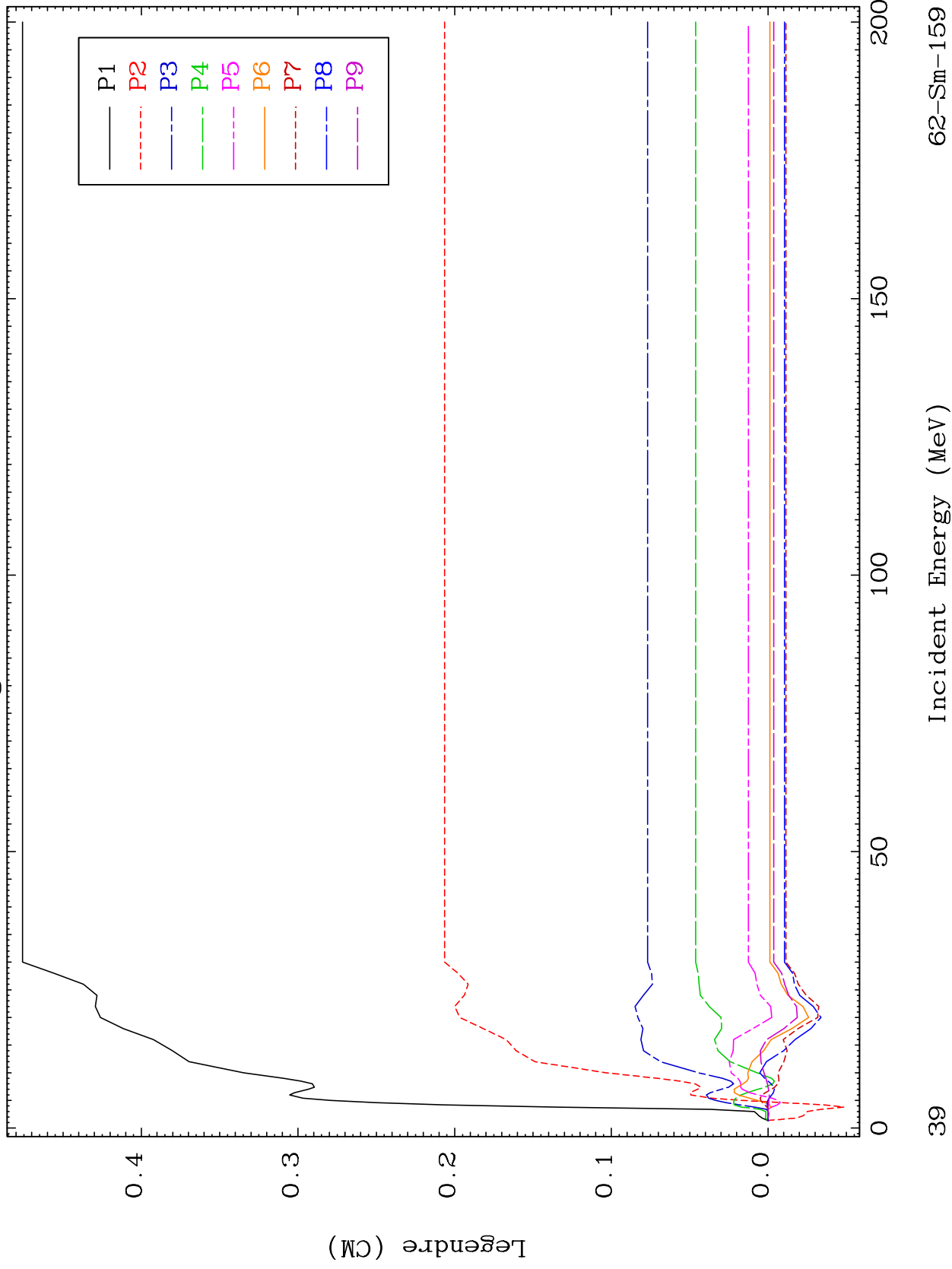
62-Sm-159



MAT 6270

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

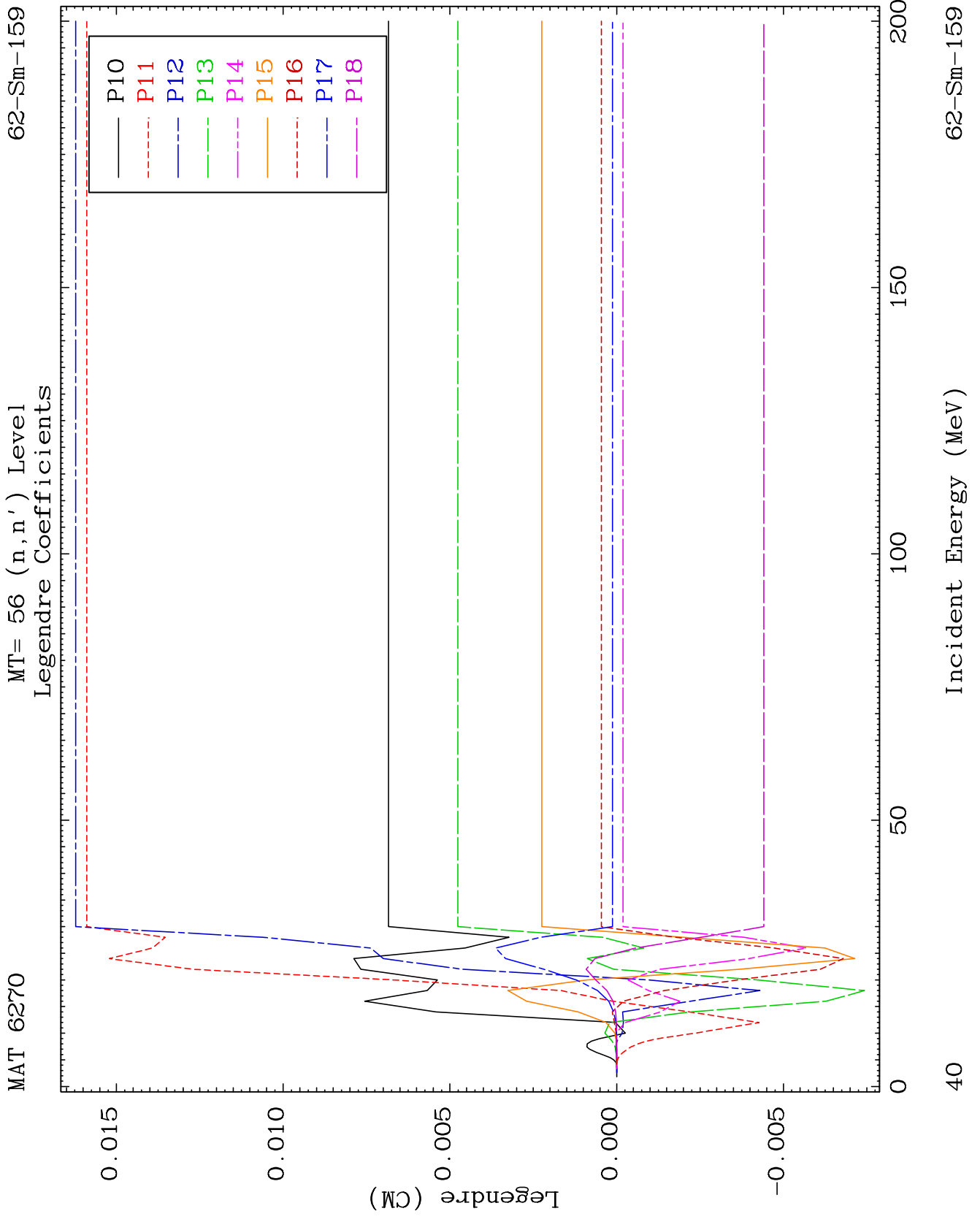
62-Sm-159



62-Sm-159

Incident Energy (MeV)

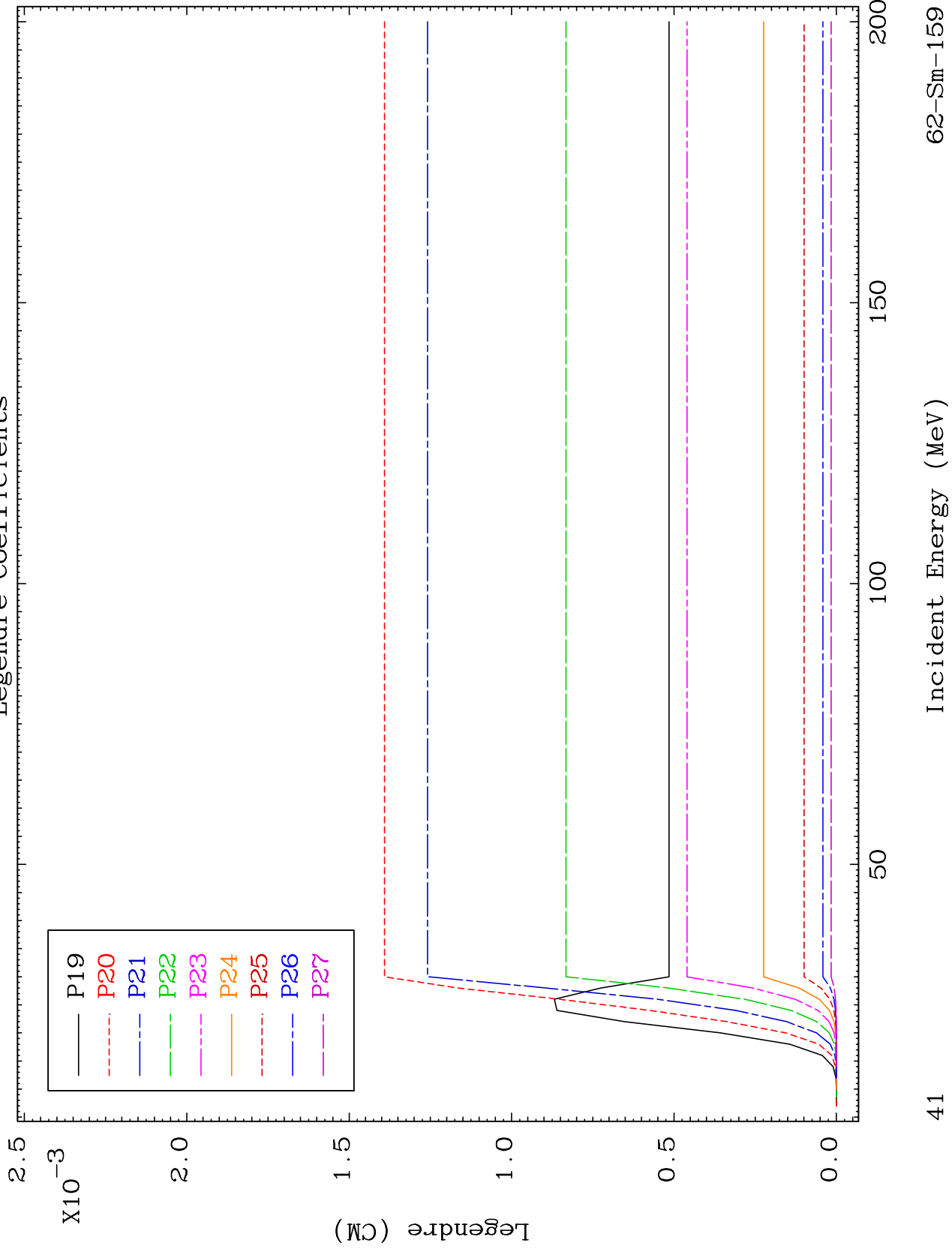
39



MAT 6270

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

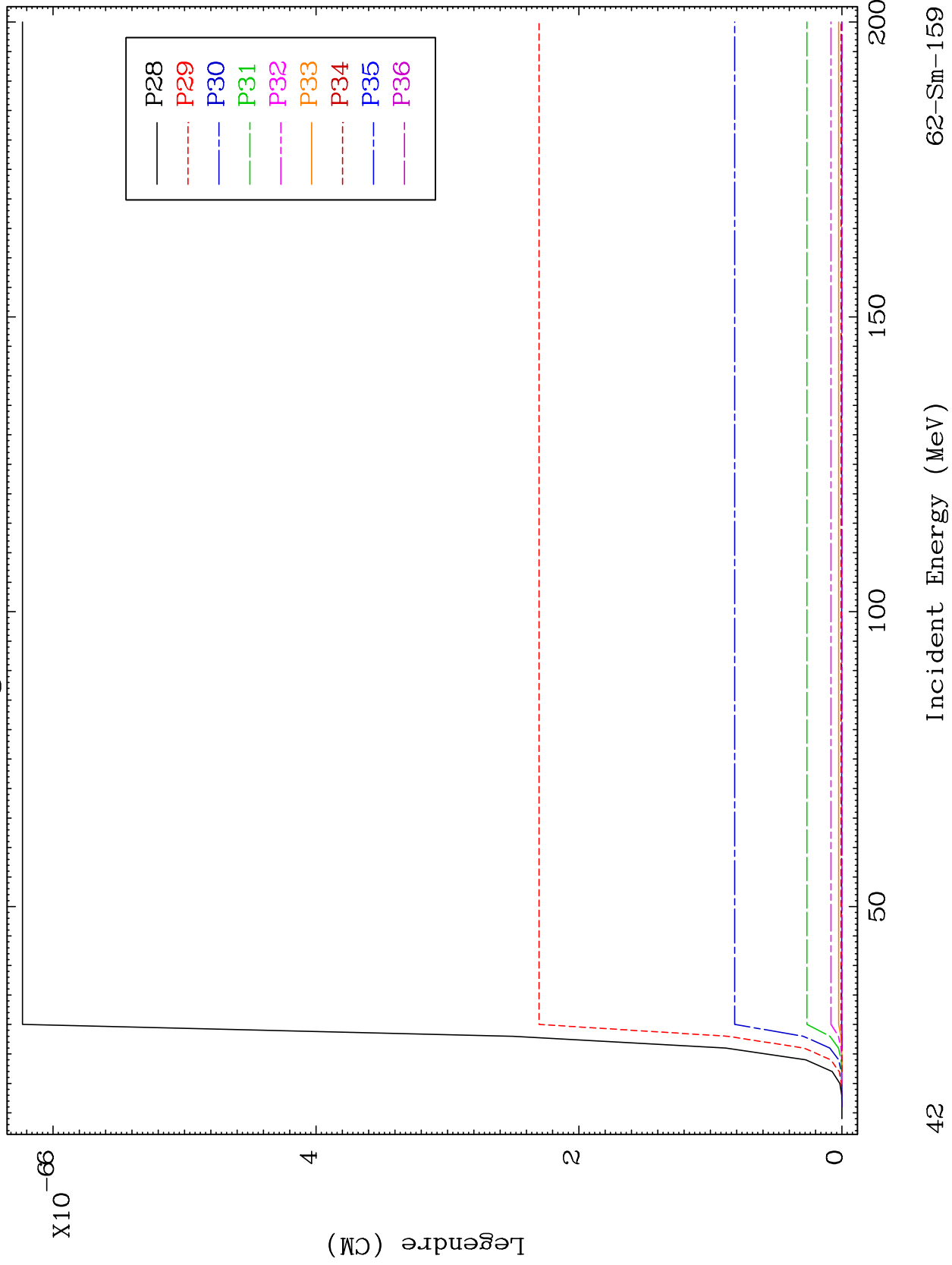
62-Sm-159



MAT 6270

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

62-Sm-159



42

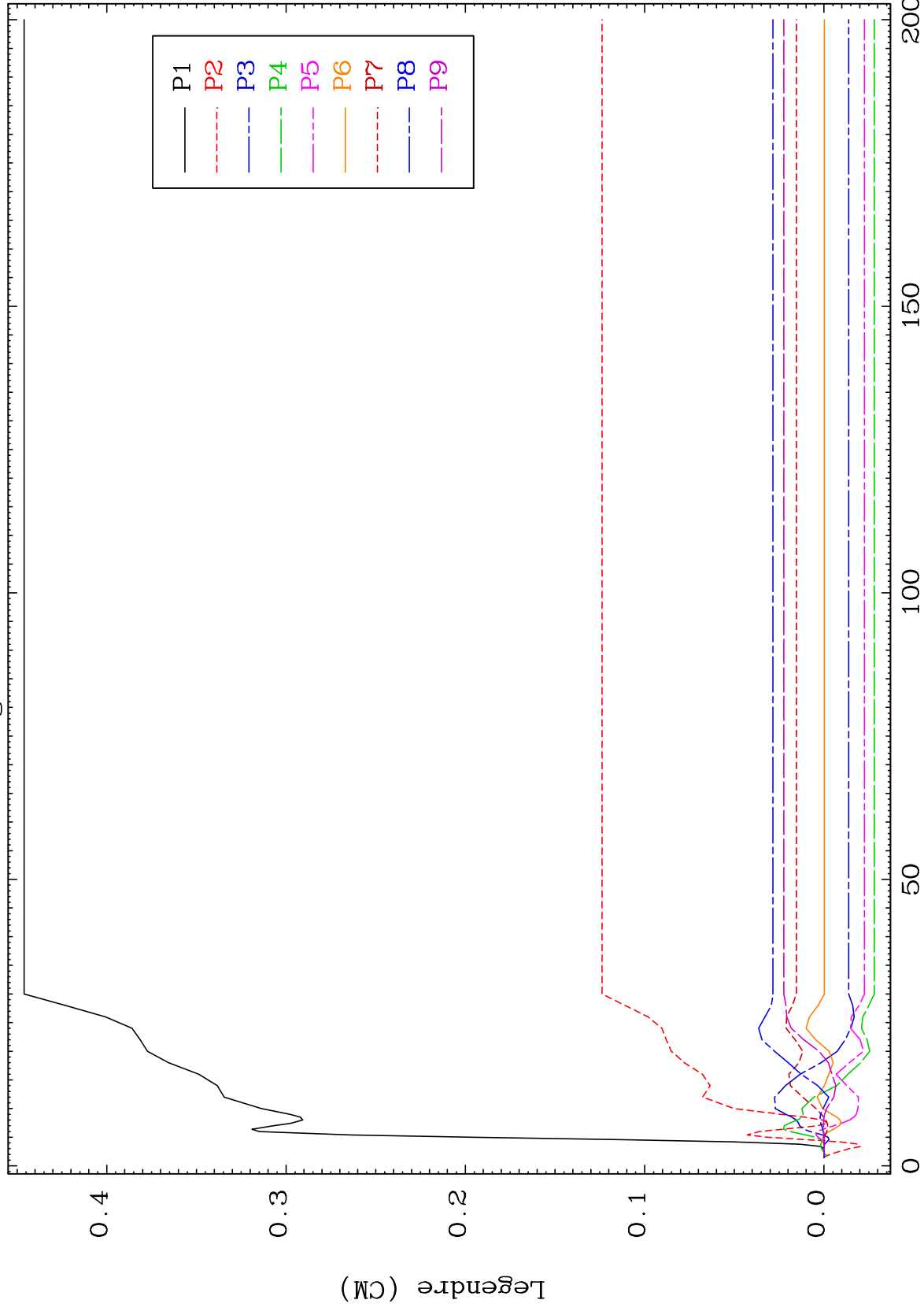
Incident Energy (MeV)

62-Sm-159

MAT 6270

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

62-Sm-159



62-Sm-159

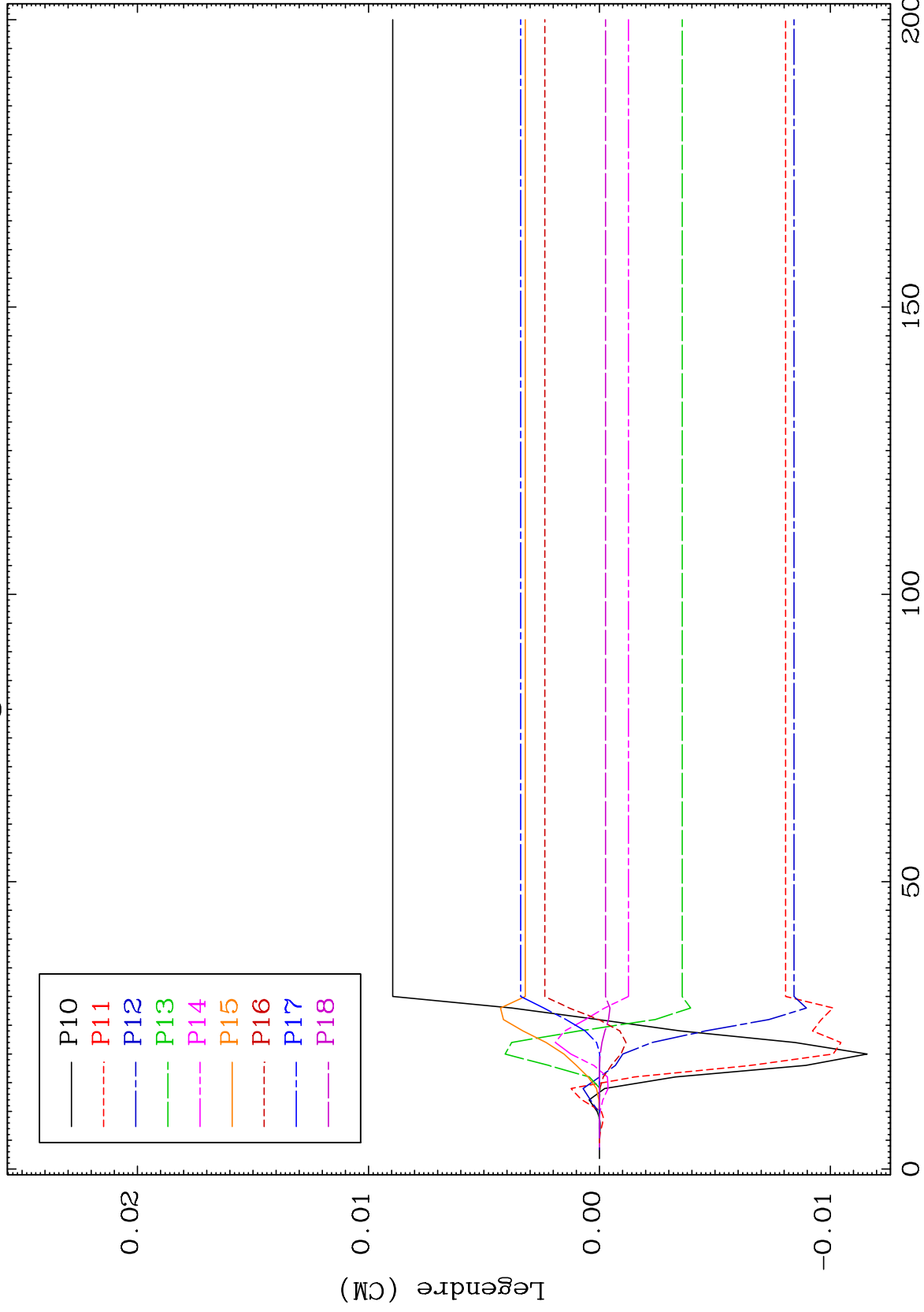
Incident Energy (MeV)

43

MAT 6270

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

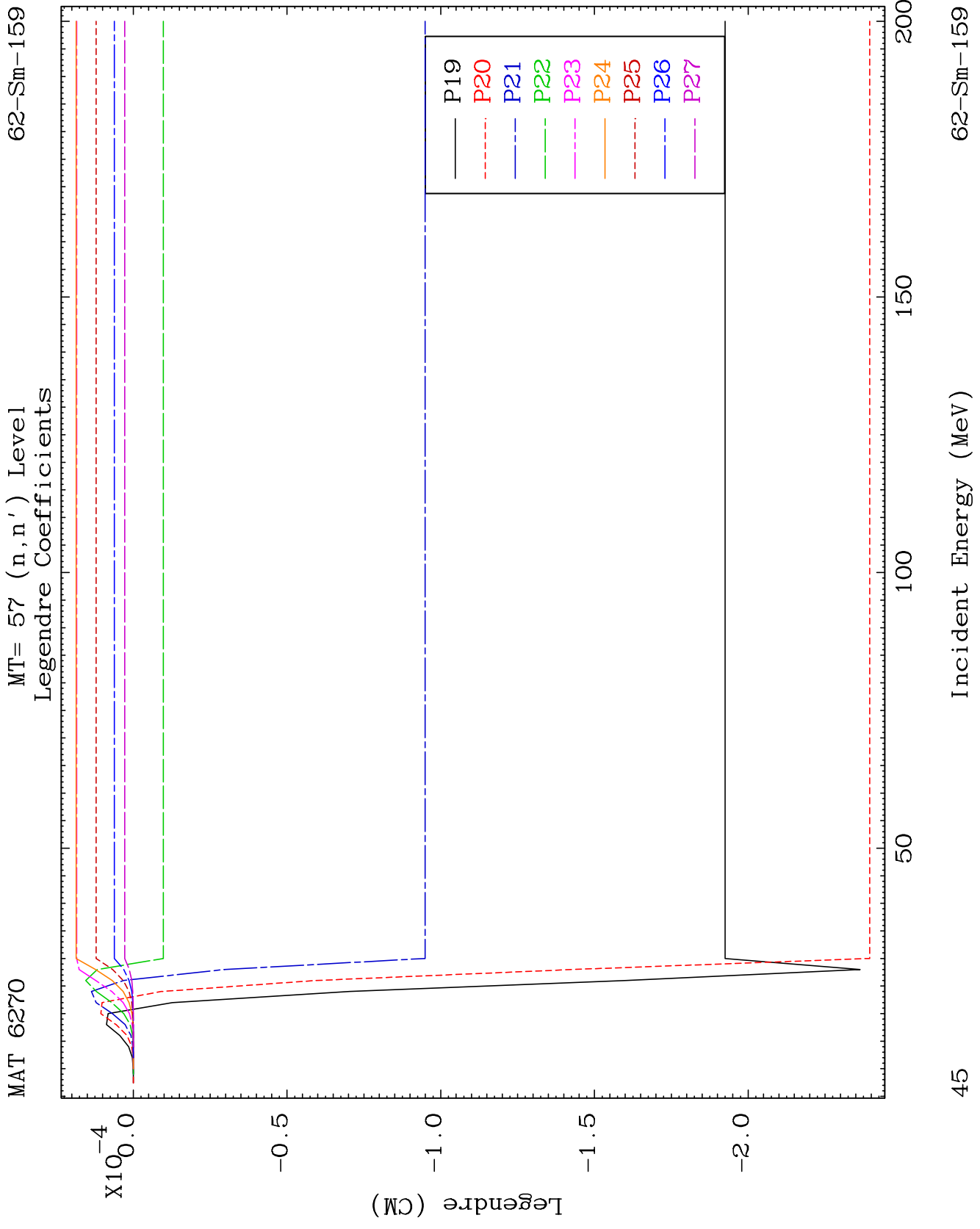
62-Sm-159



44

Incident Energy (MeV)

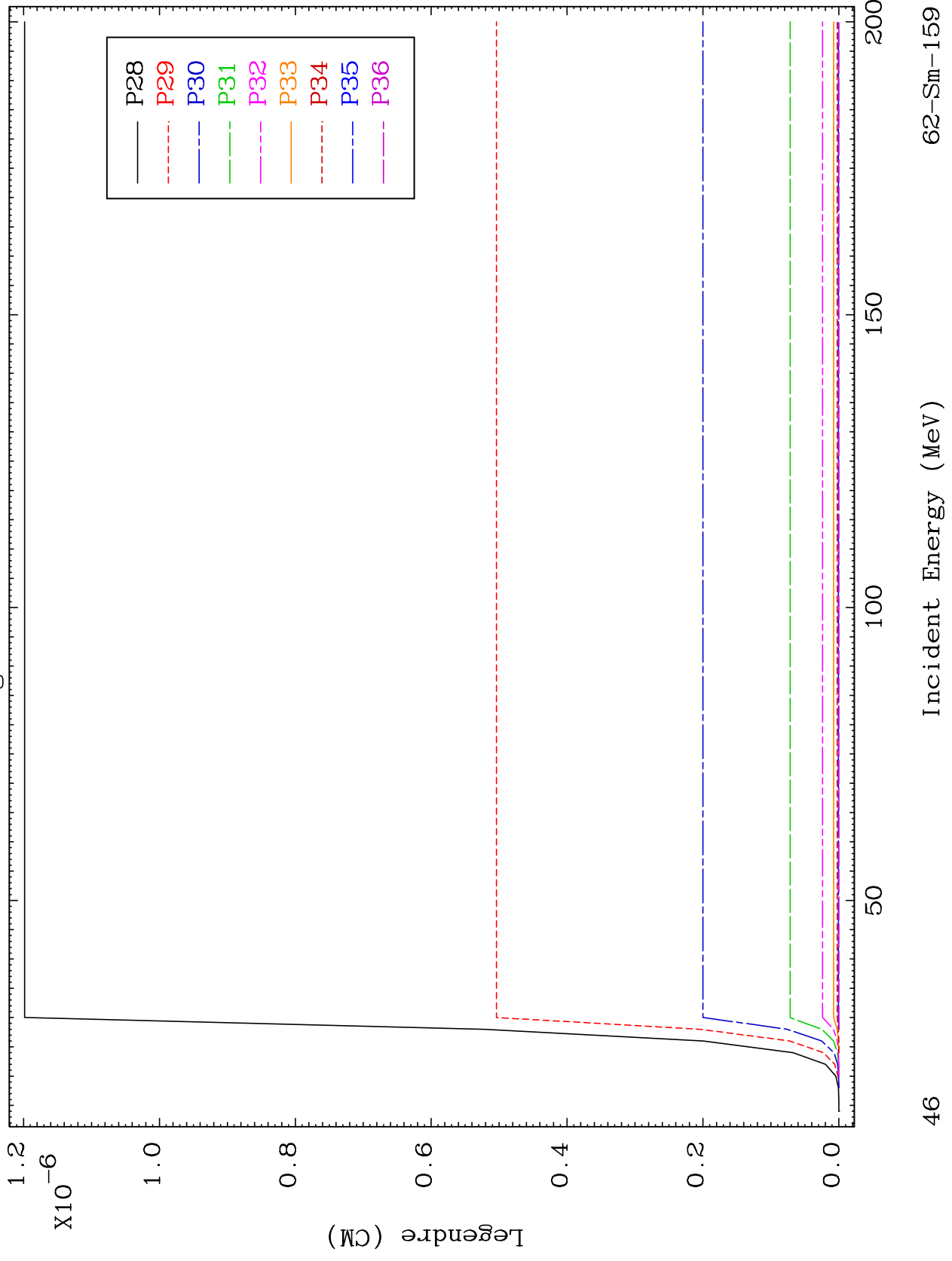
62-Sm-159



MAT 6270

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

62-Sm-159



46

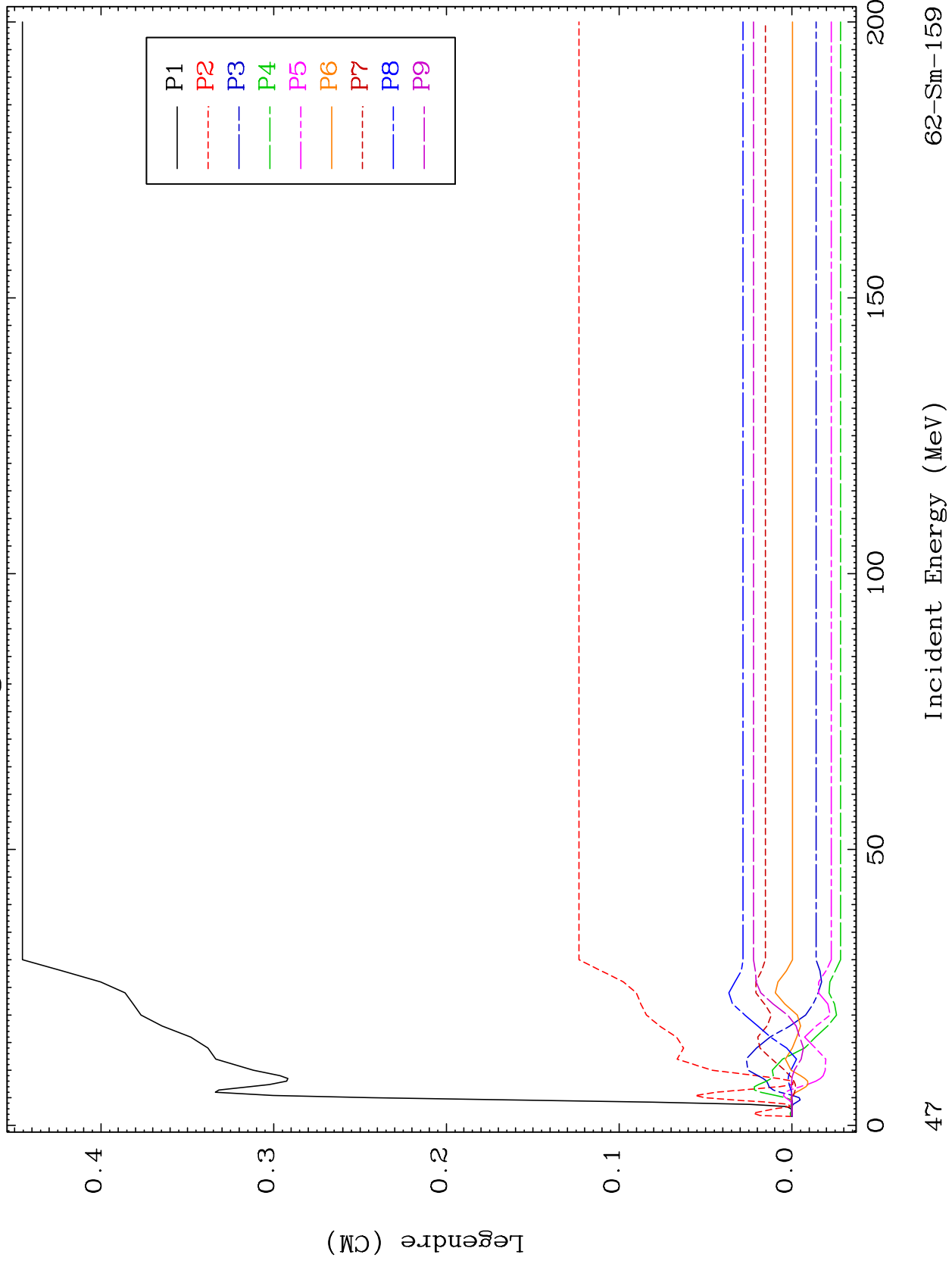
Incident Energy (MeV)

62-Sm-159

MAT 6270

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

62-Sm-159



47

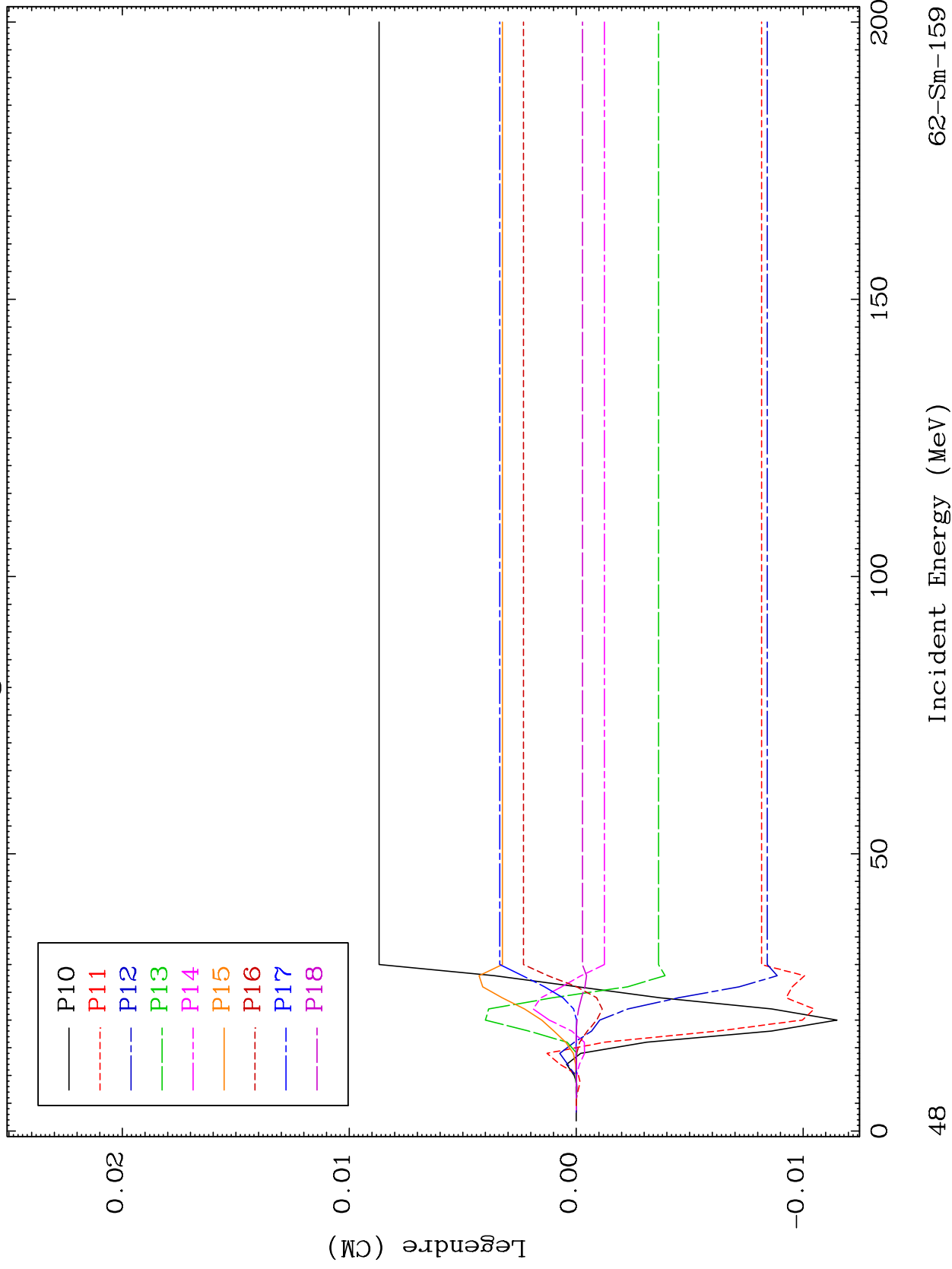
Incident Energy (MeV)

62-Sm-159

MAT 6270

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

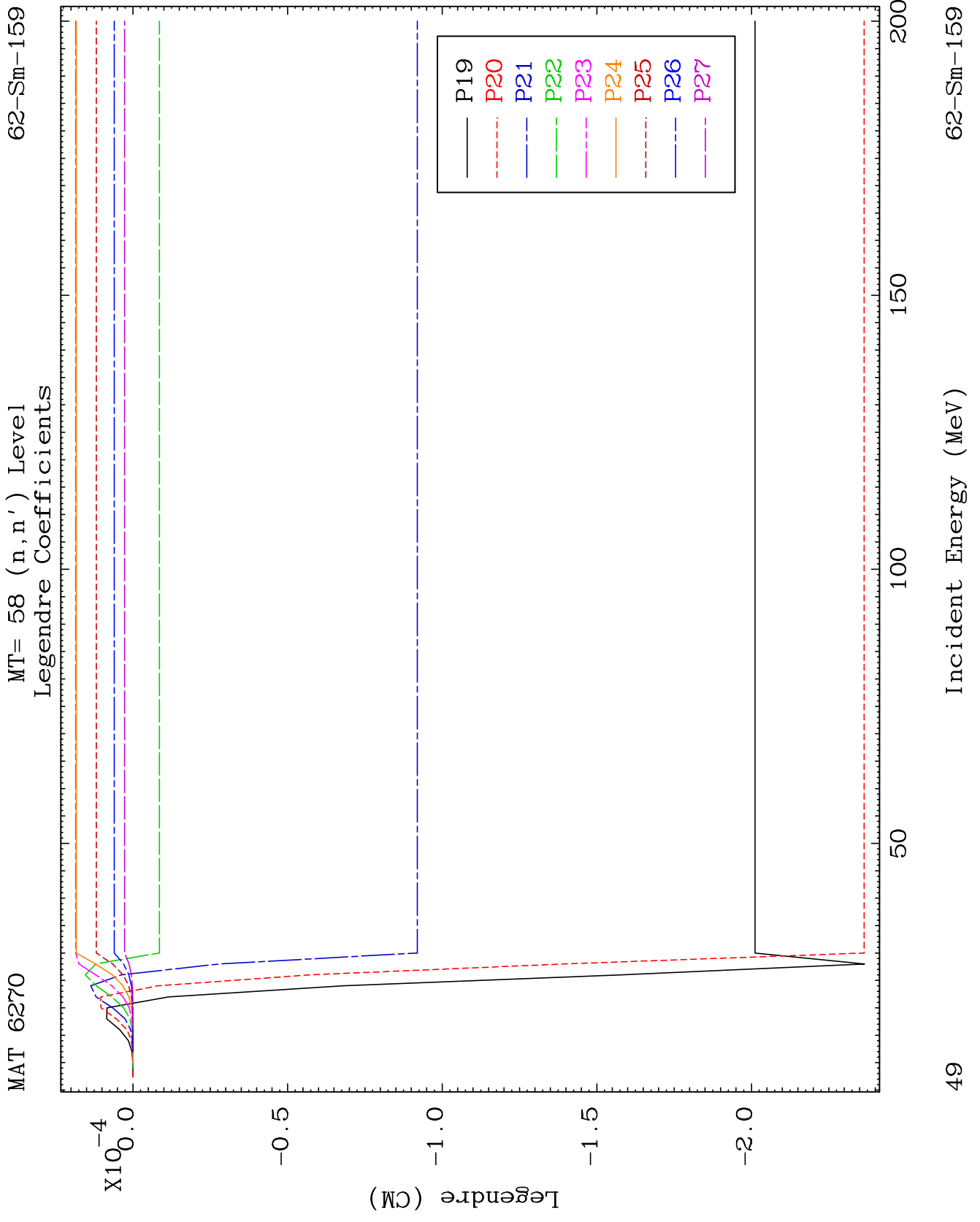
62-Sm-159



62-Sm-159

Incident Energy (MeV)

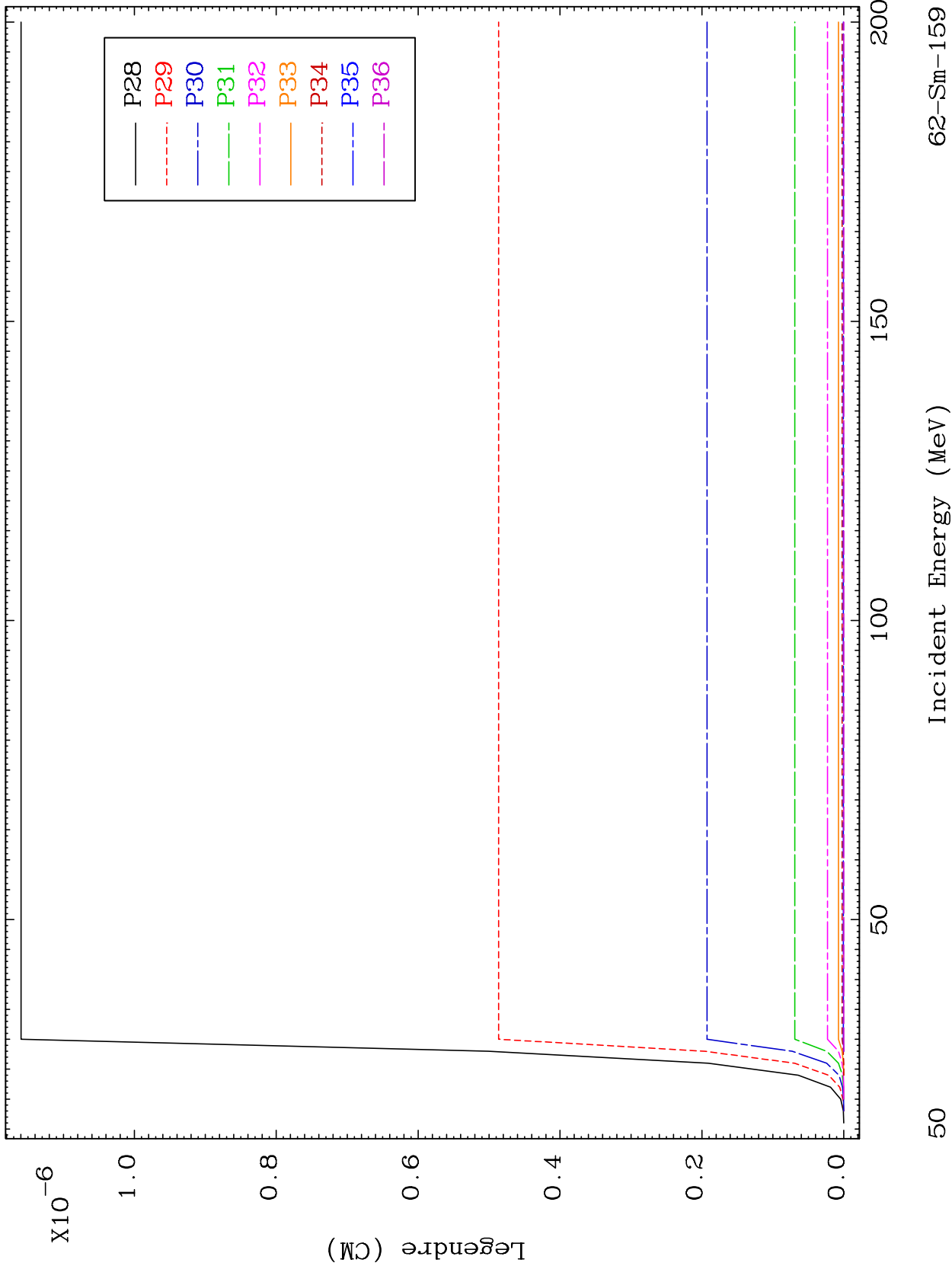
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MAT 6270

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

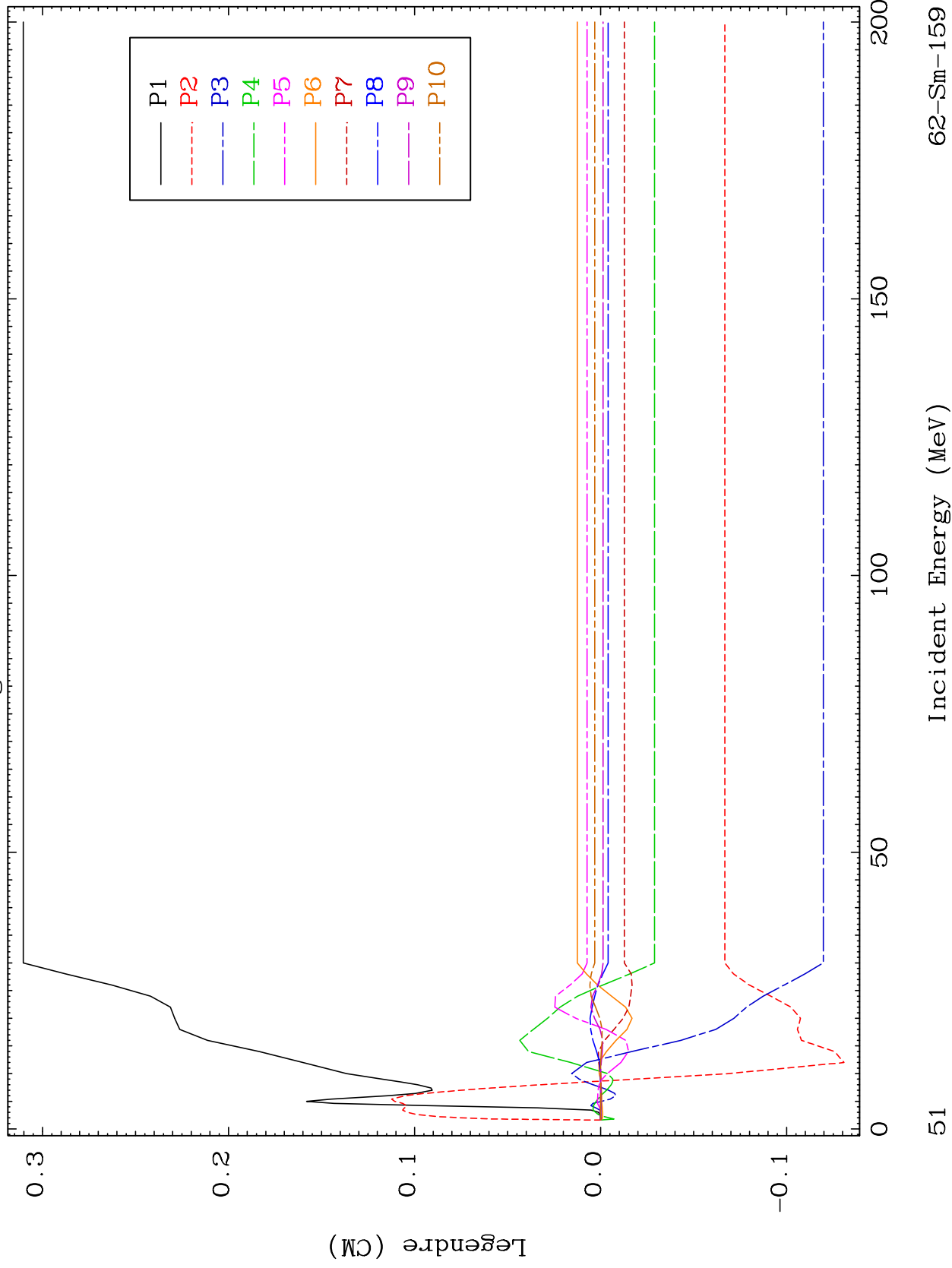
62-Sm-159



MAT 6270

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

62-Sm-159



51

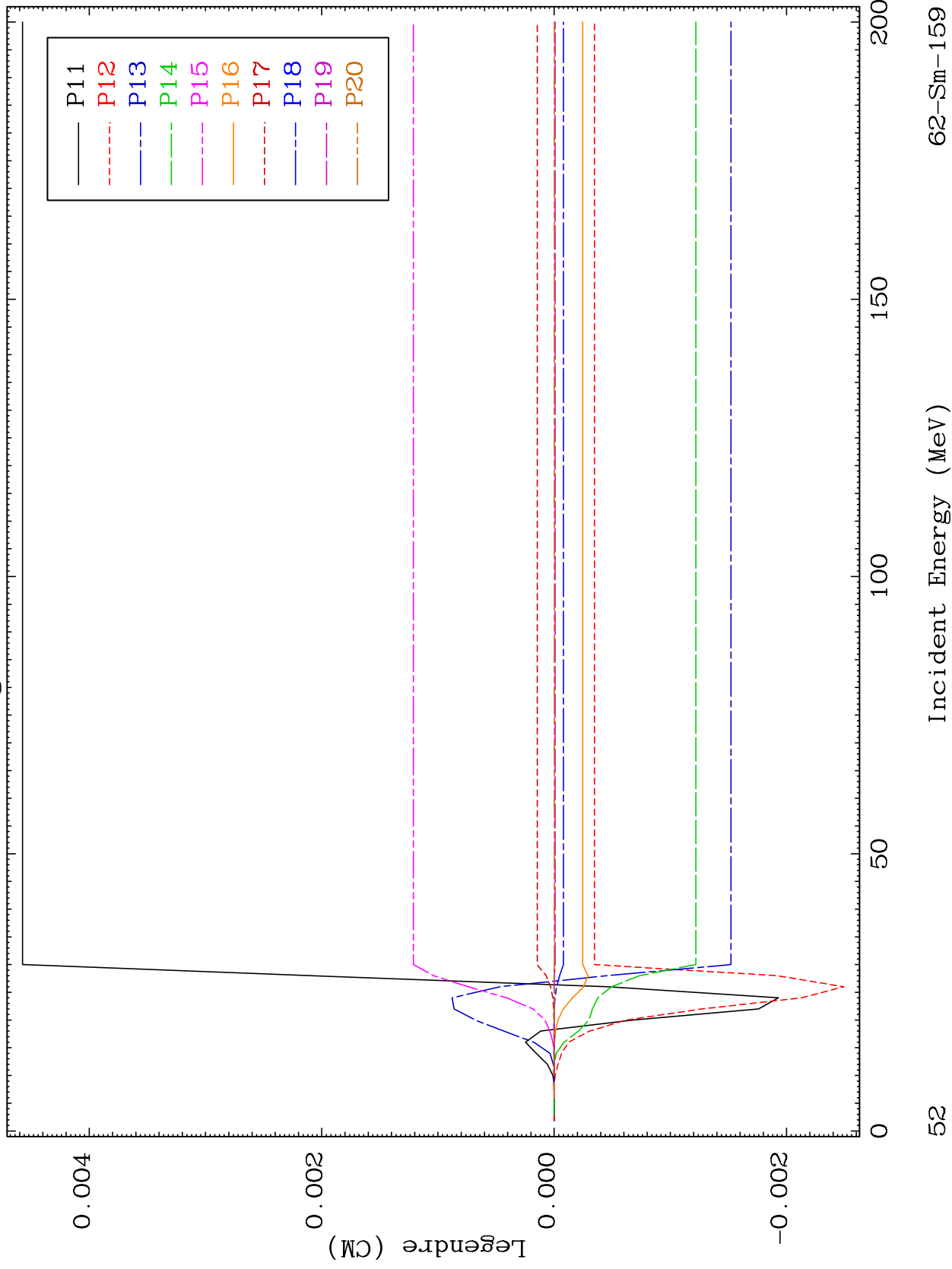
Incident Energy (MeV)

62-Sm-159

MAT 6270

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

62-Sm-159



62-Sm-159

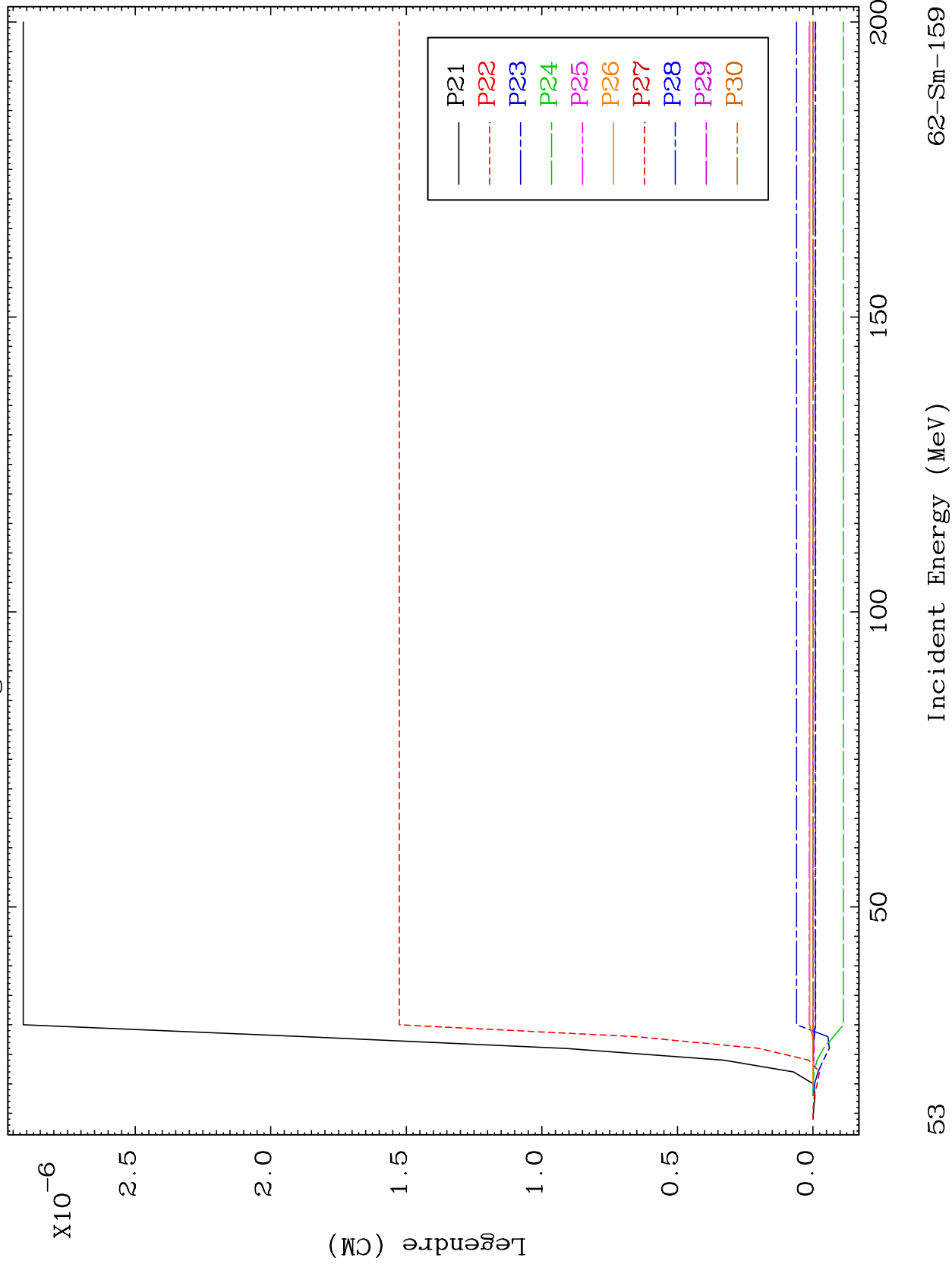
Incident Energy (MeV)

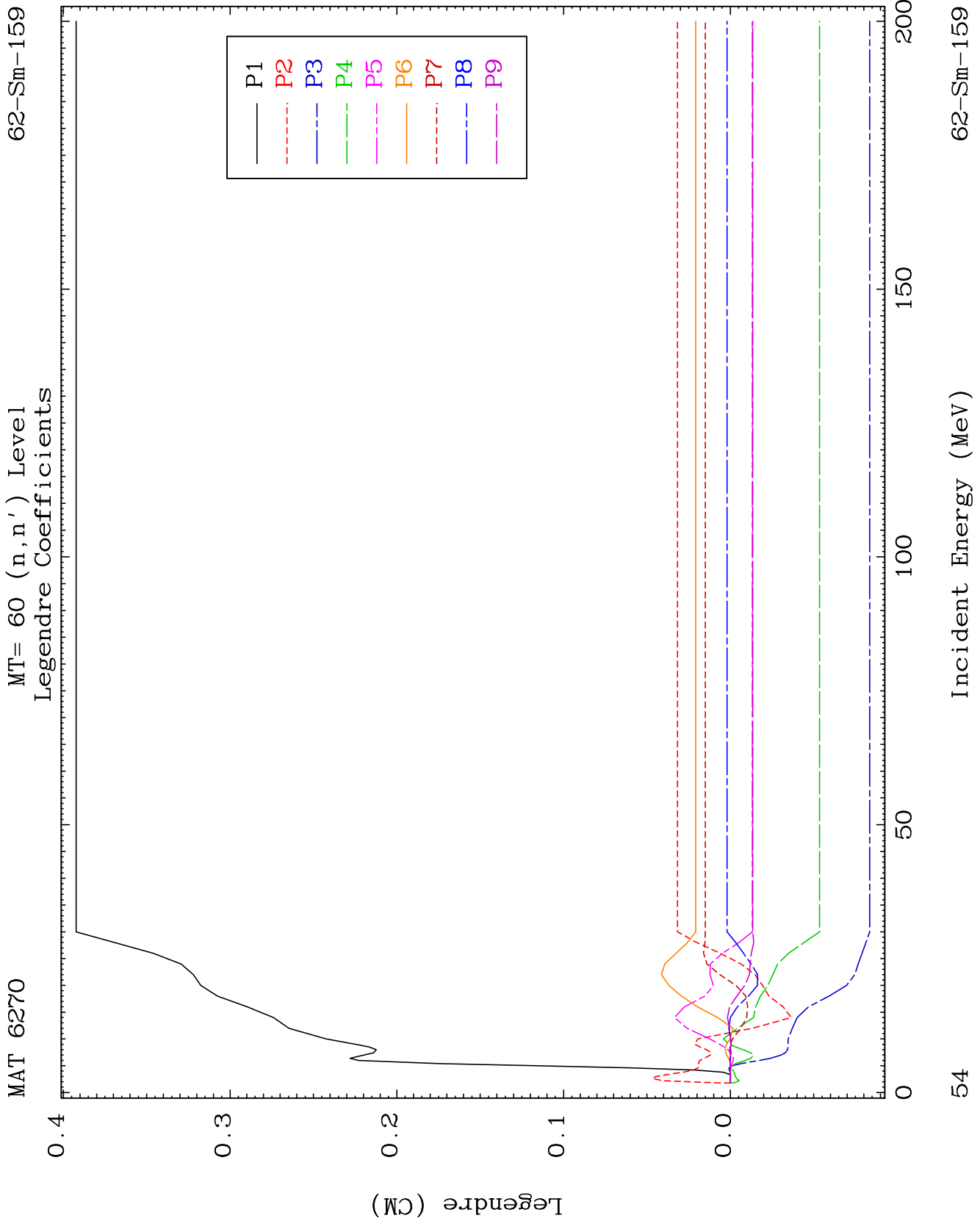
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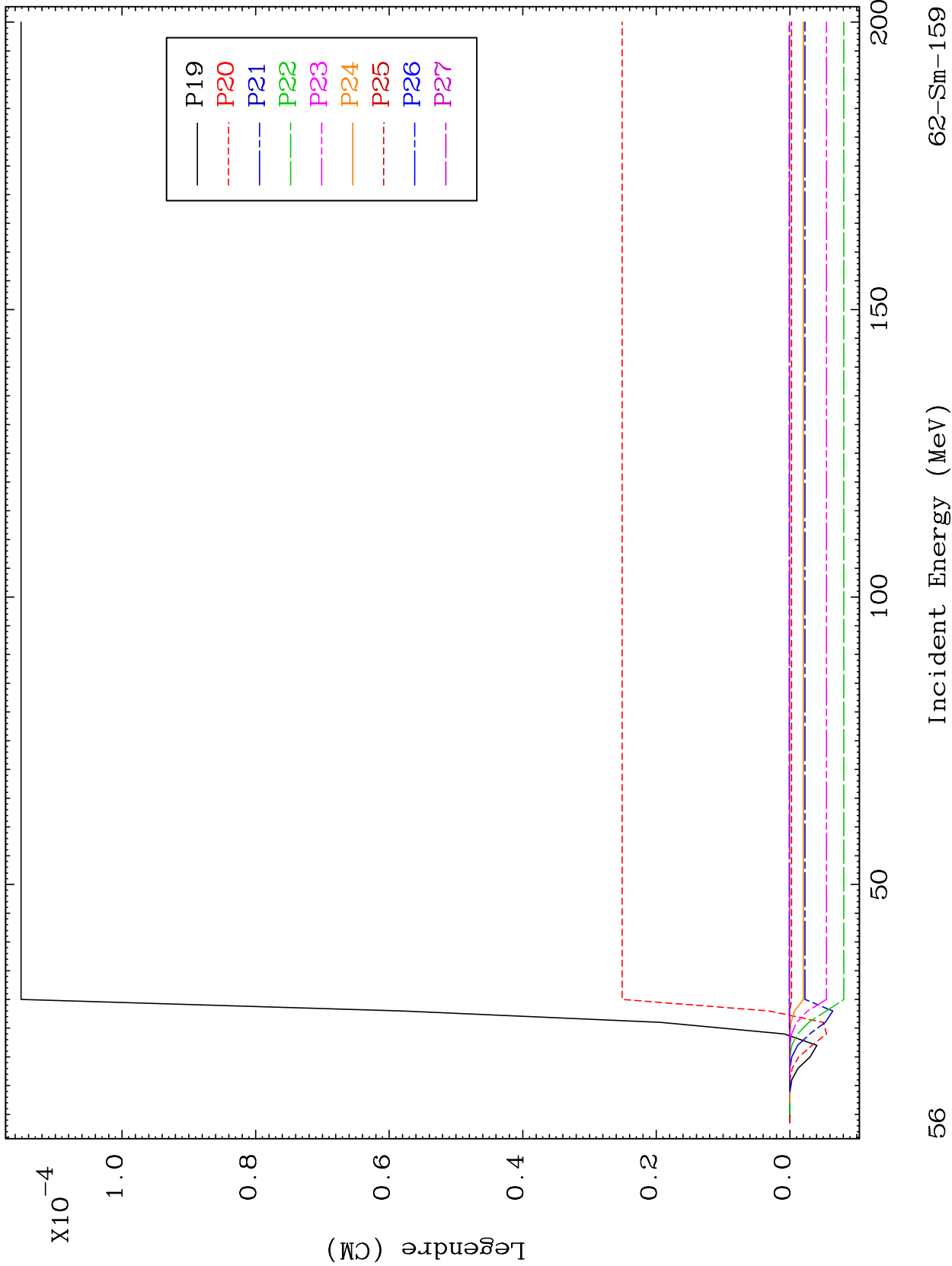
MAT 6270

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

62-Sm-159



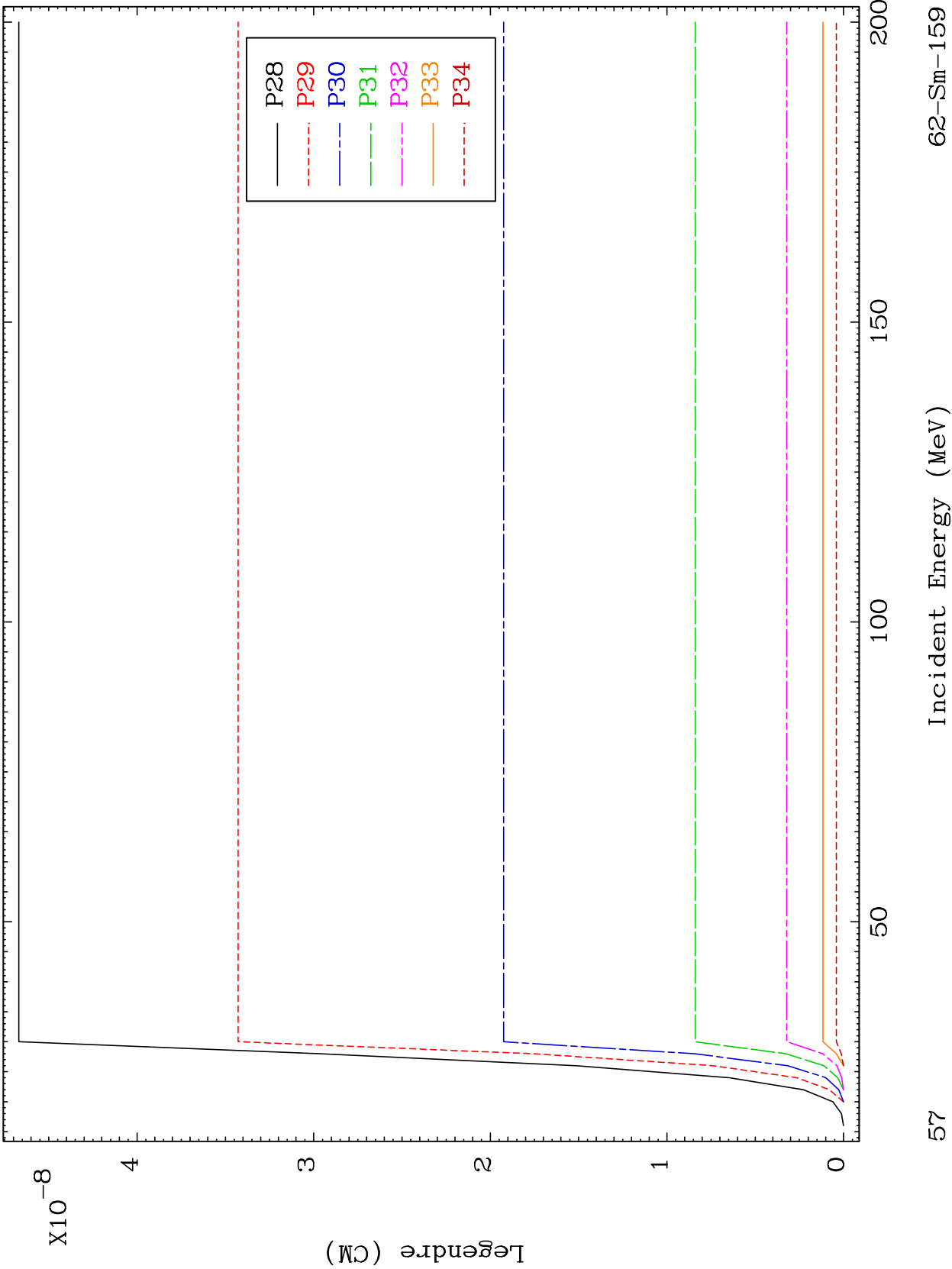




MAT 6270

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

62-Sm-159



57

Incident Energy (MeV)

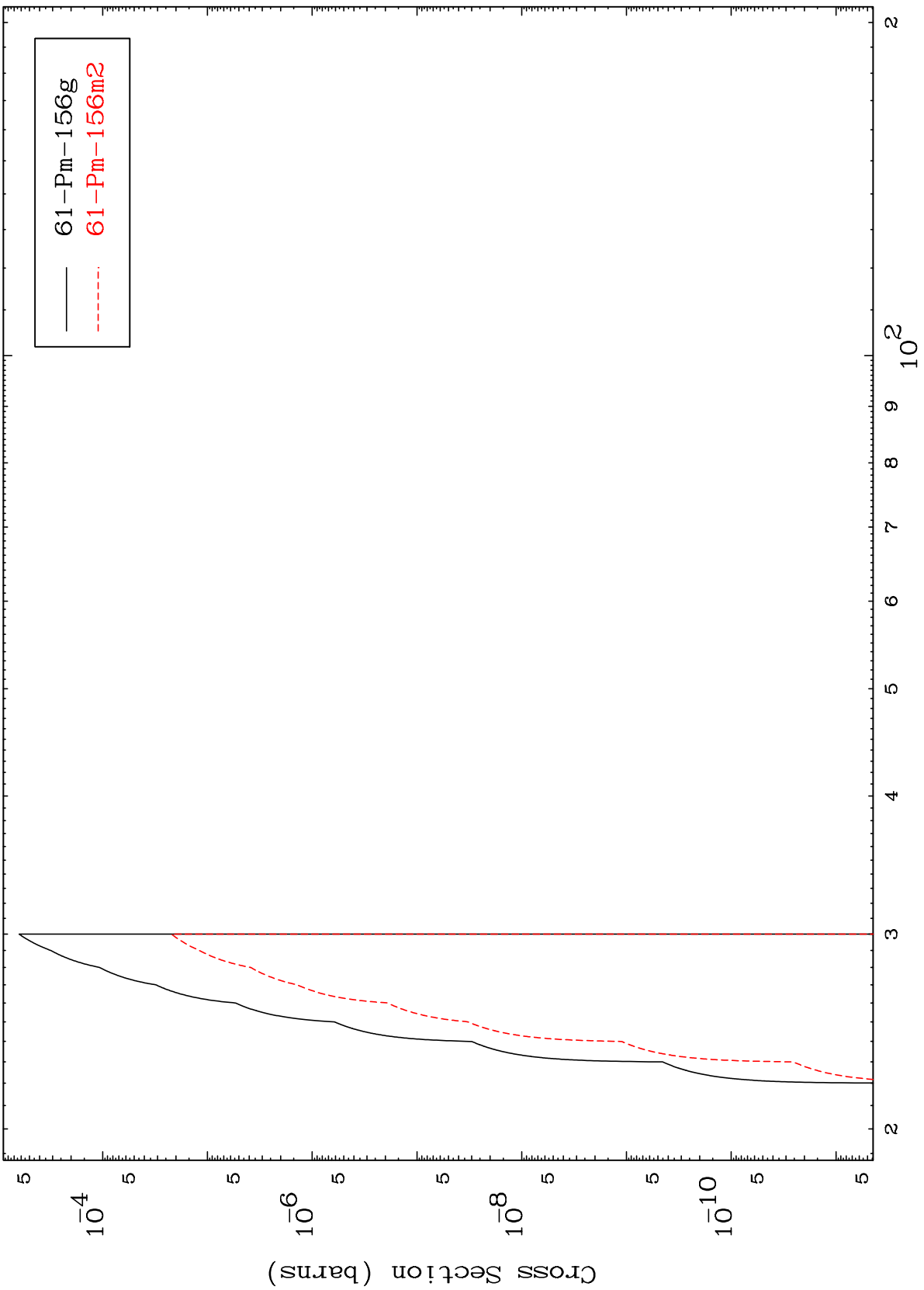
62-Sm-159

MAT 6270

(n,2n) d

62-Sm-159

Radionuclide Production Cross Section



58

Incident Energy (MeV)

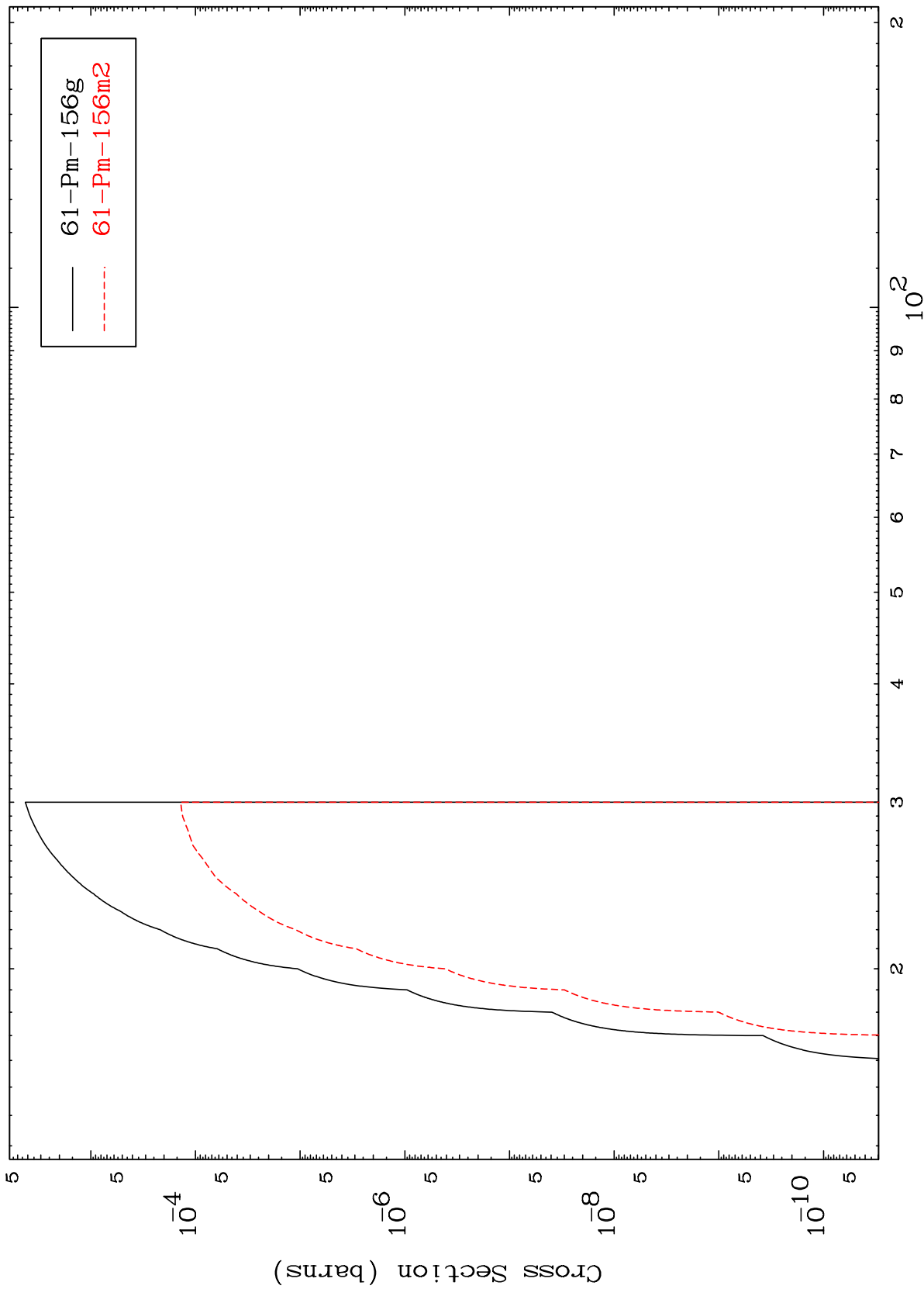
62-Sm-159

MAT 6270

(n,n') t

62-Sm-159

Radionuclide Production Cross Section



59

Incident Energy (MeV)

62-Sm-159

