

Program EVALPLOT
(Version 2021-1)

by

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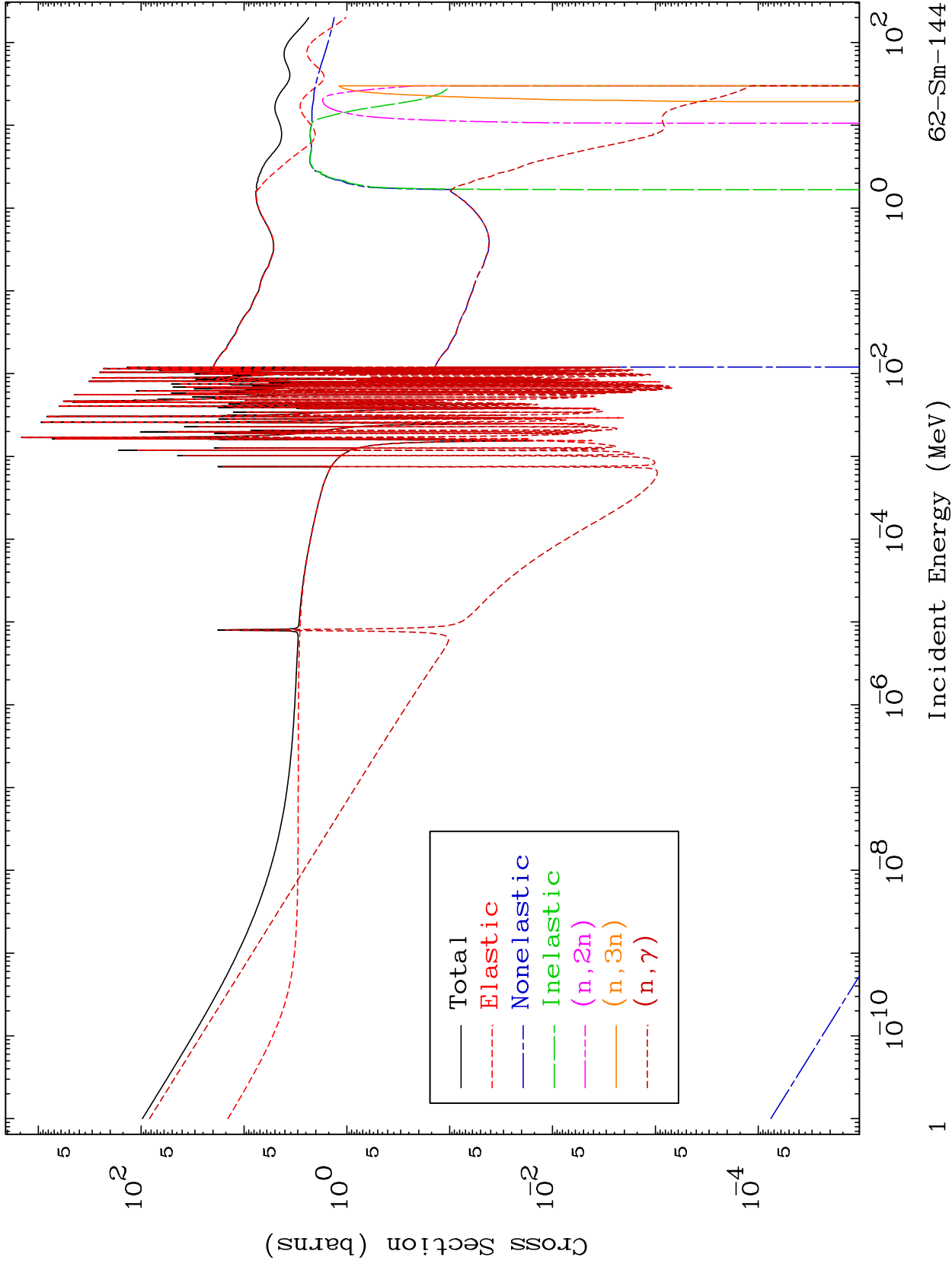
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6225

Neutron Major
293 Kelvin Cross Sections

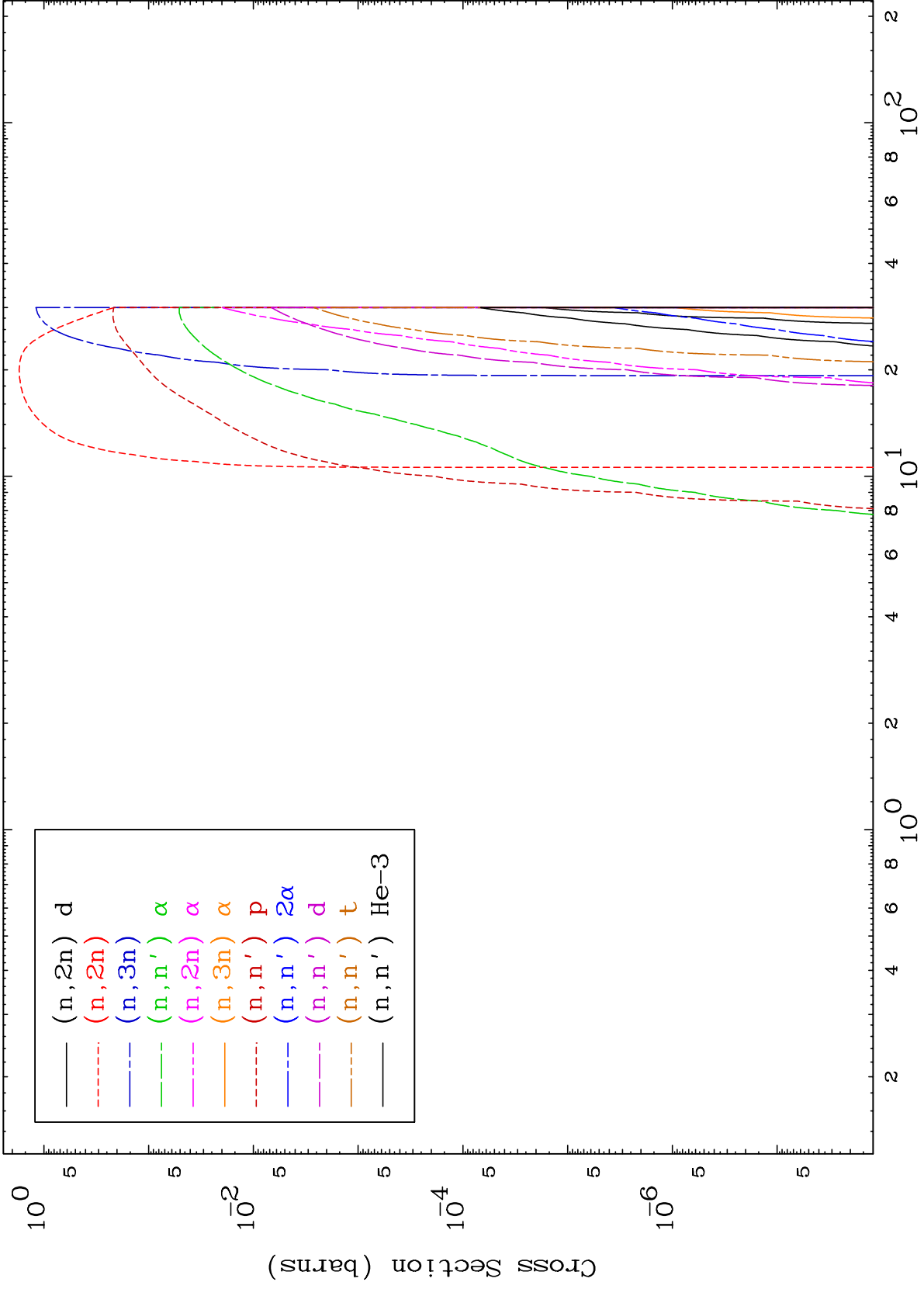
62-Sm-144

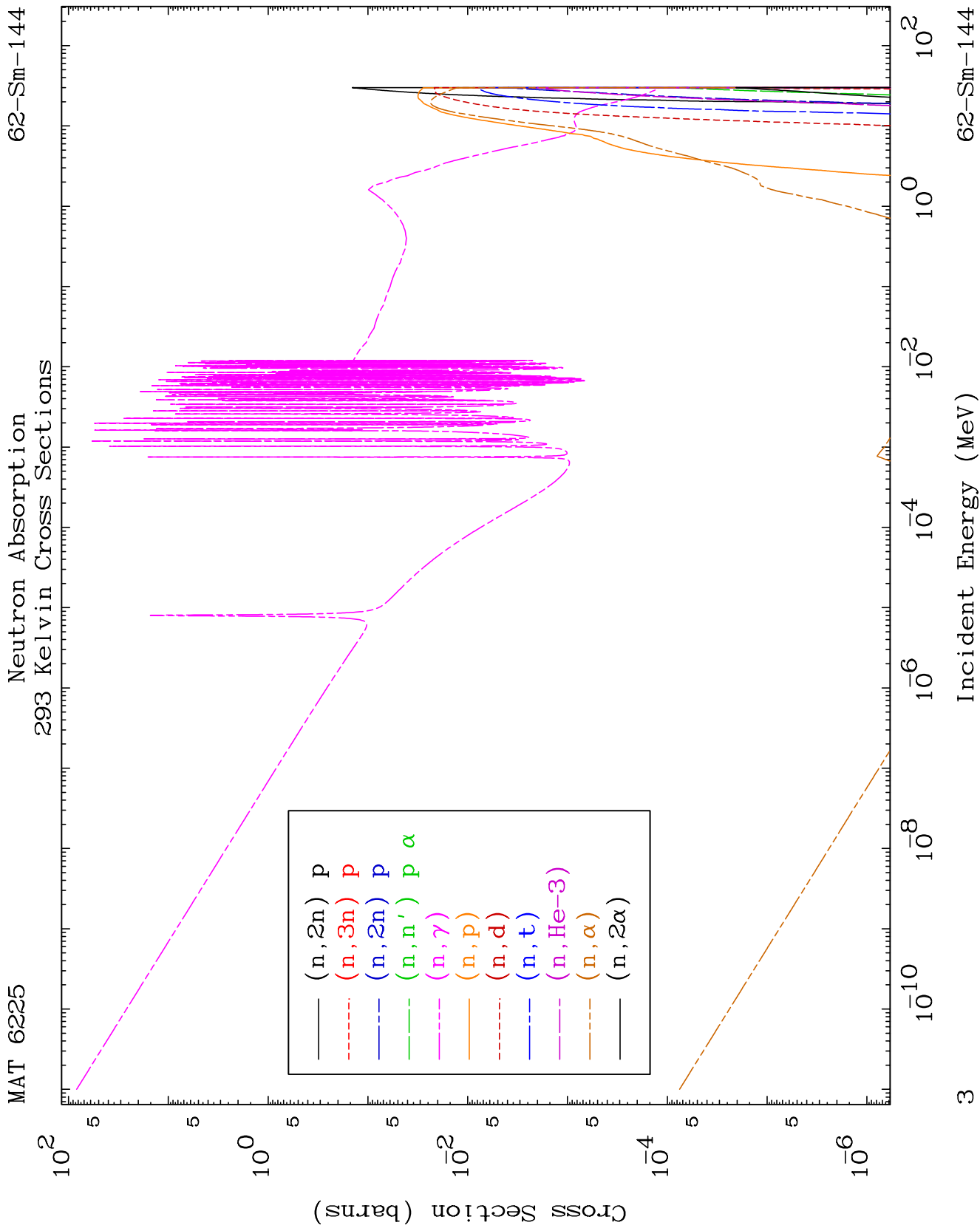


MAT 6225

Neutron Absorption
293 Kelvin Cross Sections

62-Sm-144

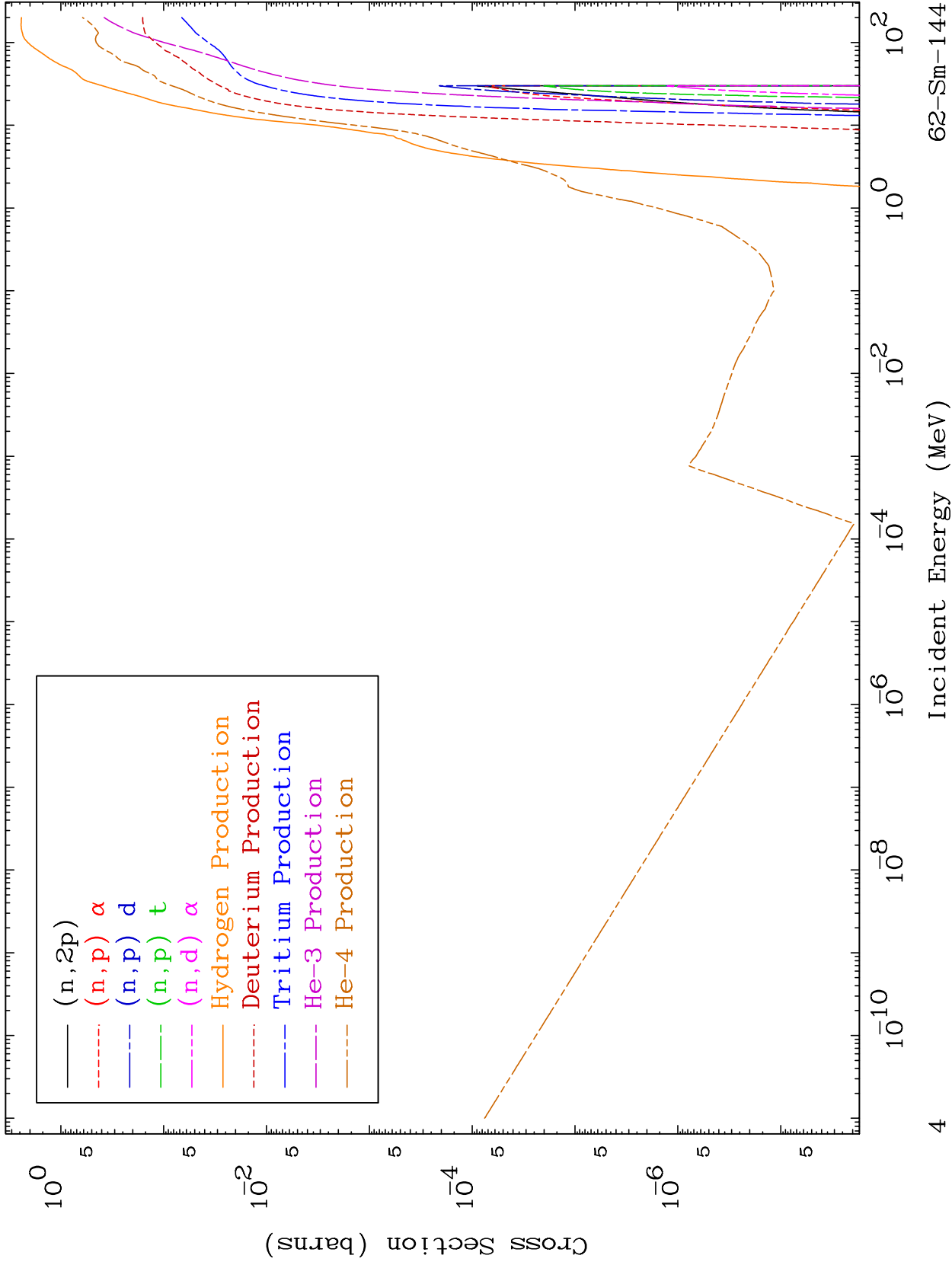




MAT 6225

Neutron Absorption
293 Kelvin Cross Sections

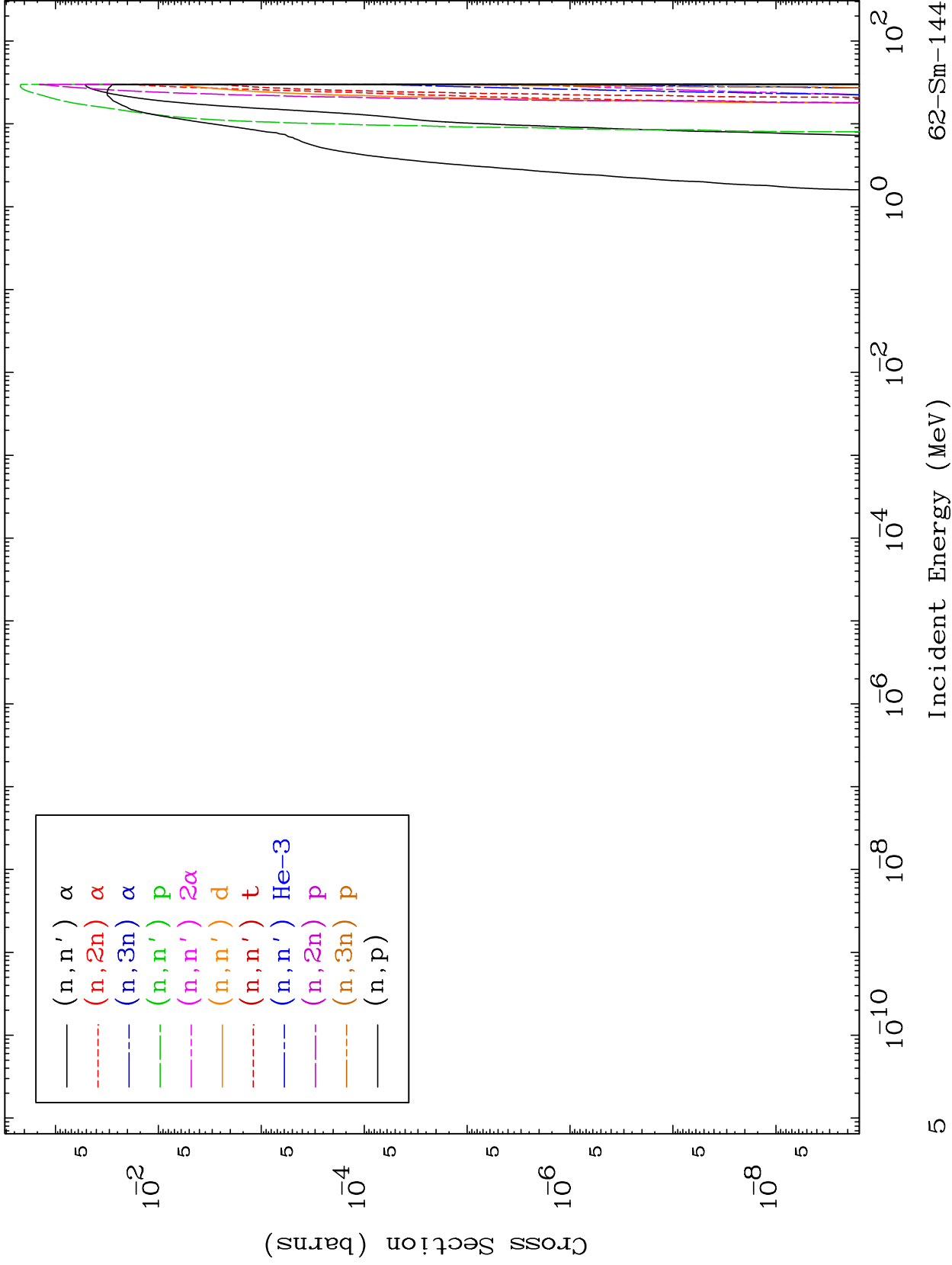
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MAT 6225

Charged Particle
293 Kelvin Cross Sections

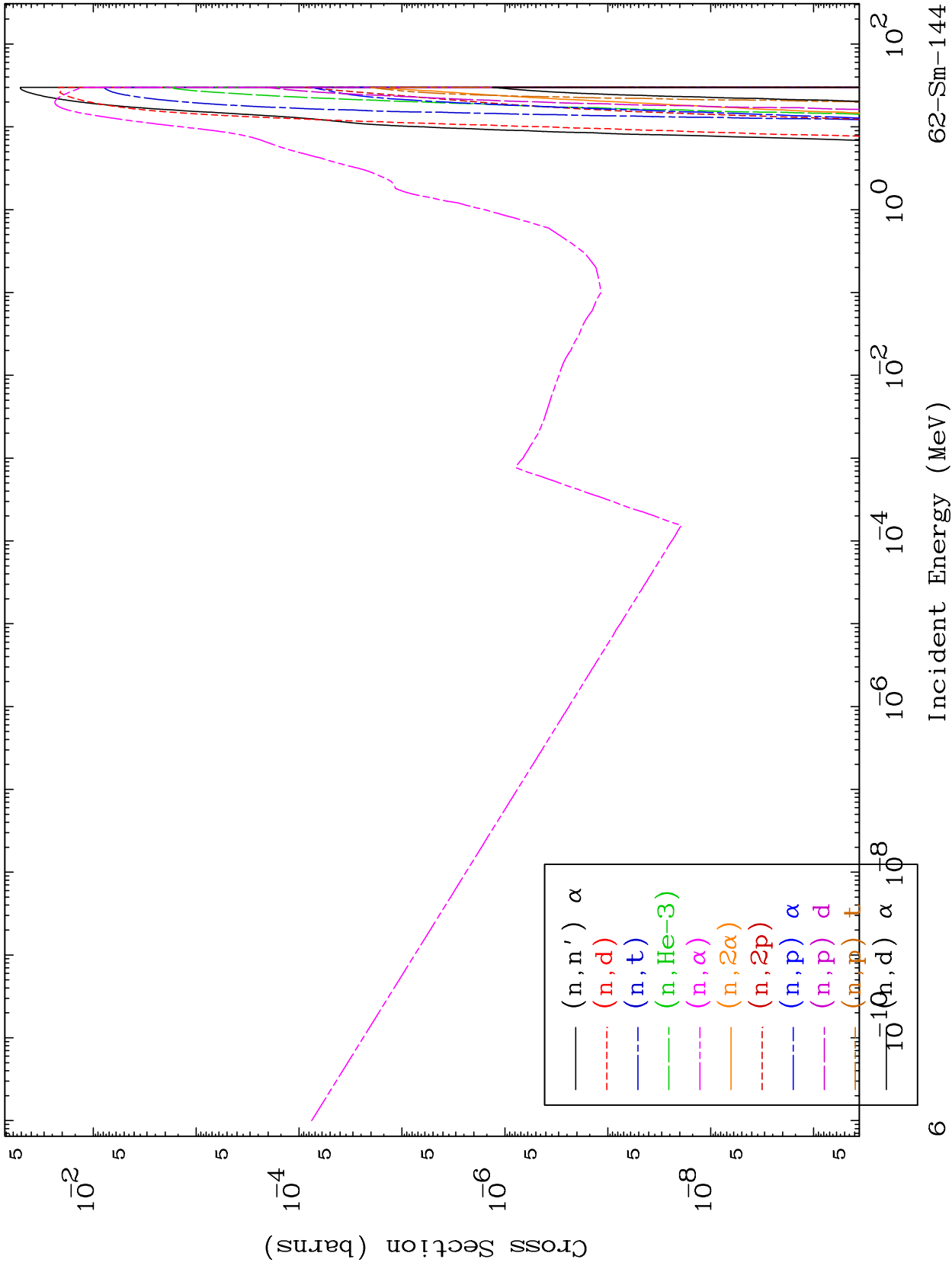
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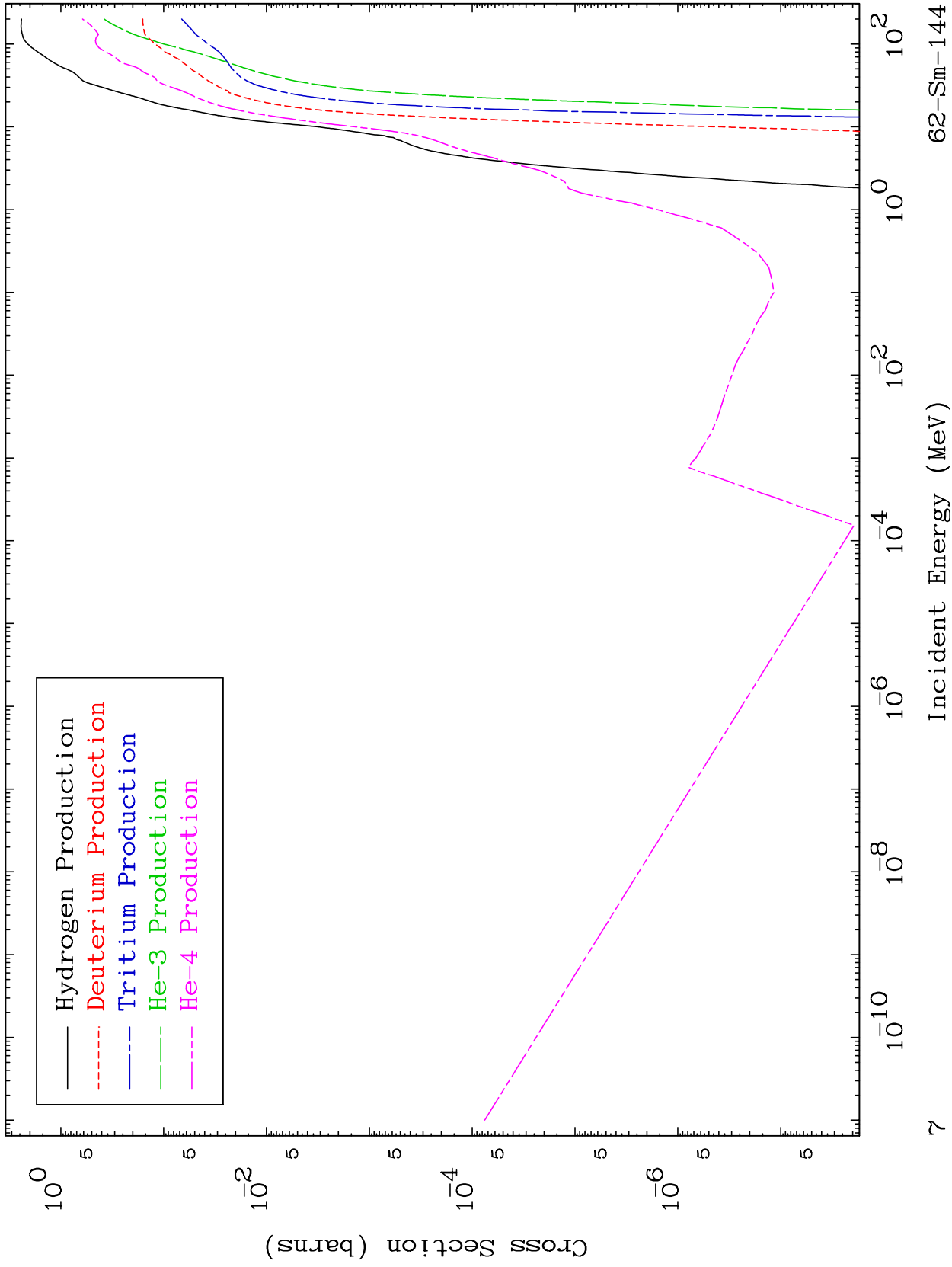


MAT 6225

Charged Particle
293 Kelvin Cross Sections

62-Sm-144



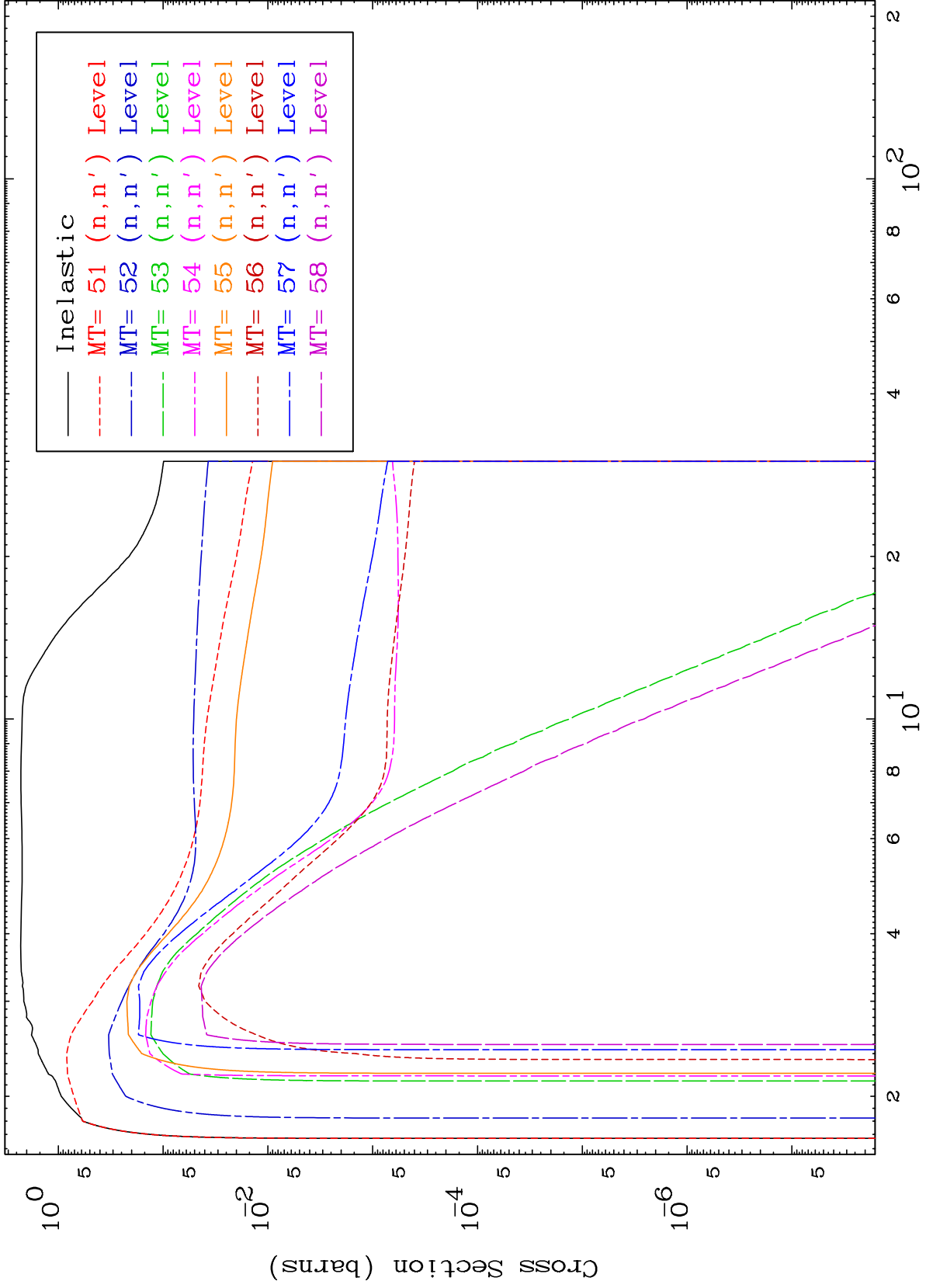


MAT 6225

(n,n') Levels

62-Sm-144

293 Kelvin Cross Sections



8

Incident Energy (MeV)

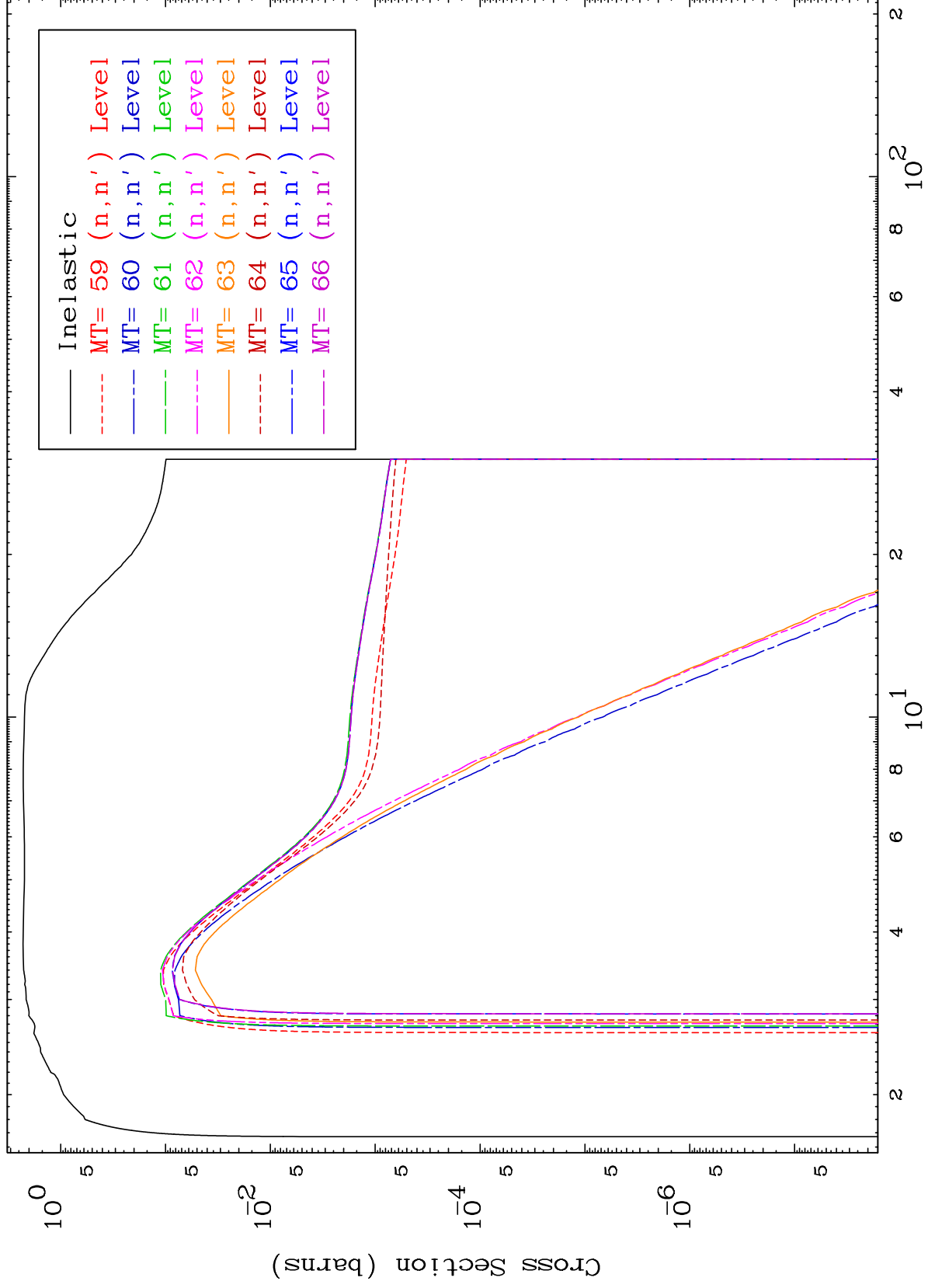
62-Sm-144

MAT 6225

(n,n') Levels

293 Kelvin Cross Sections

62-Sm-144



9

Incident Energy (MeV)

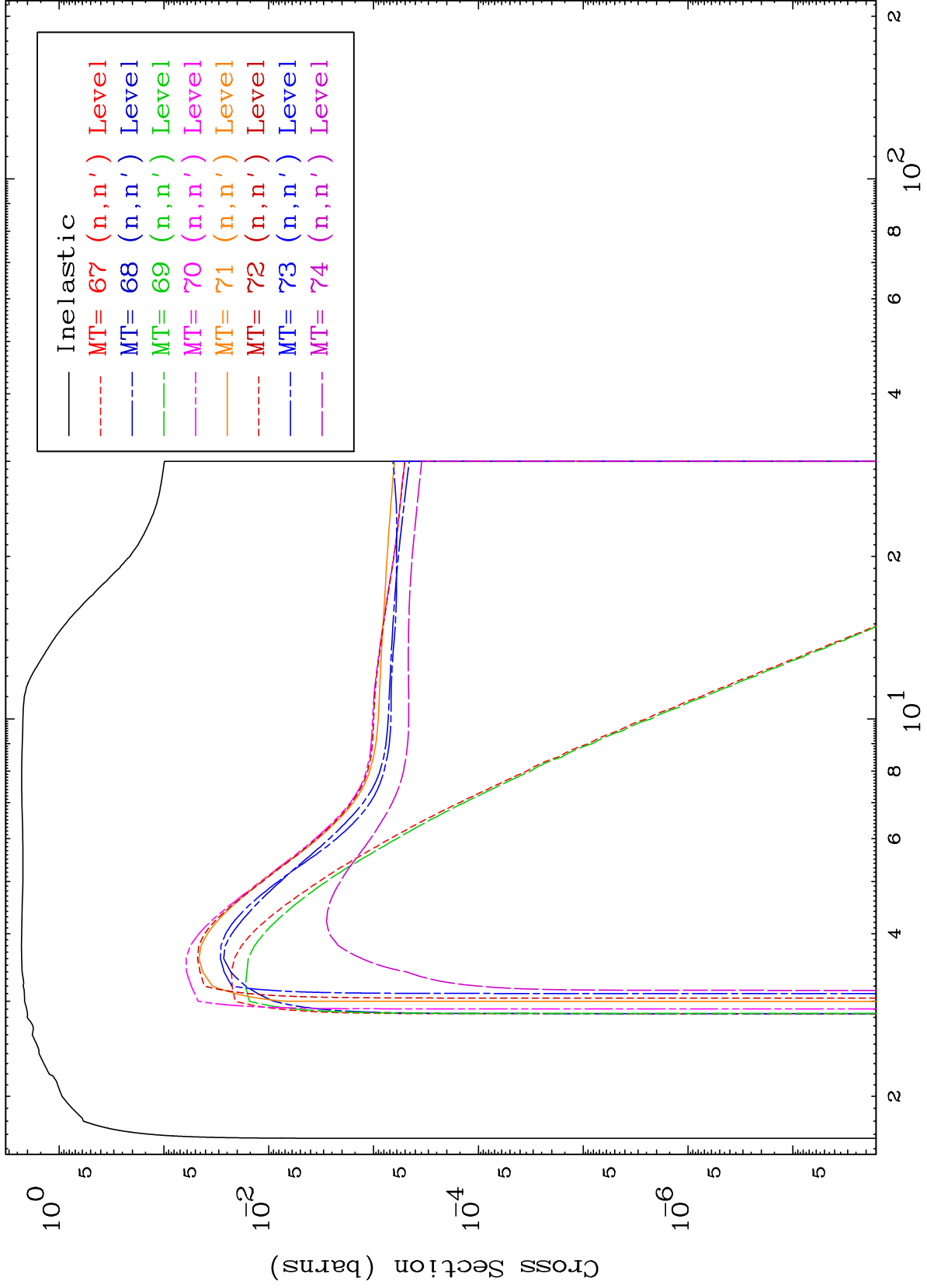
62-Sm-144

MAT 6225

(n,n') Levels

62-Sm-144

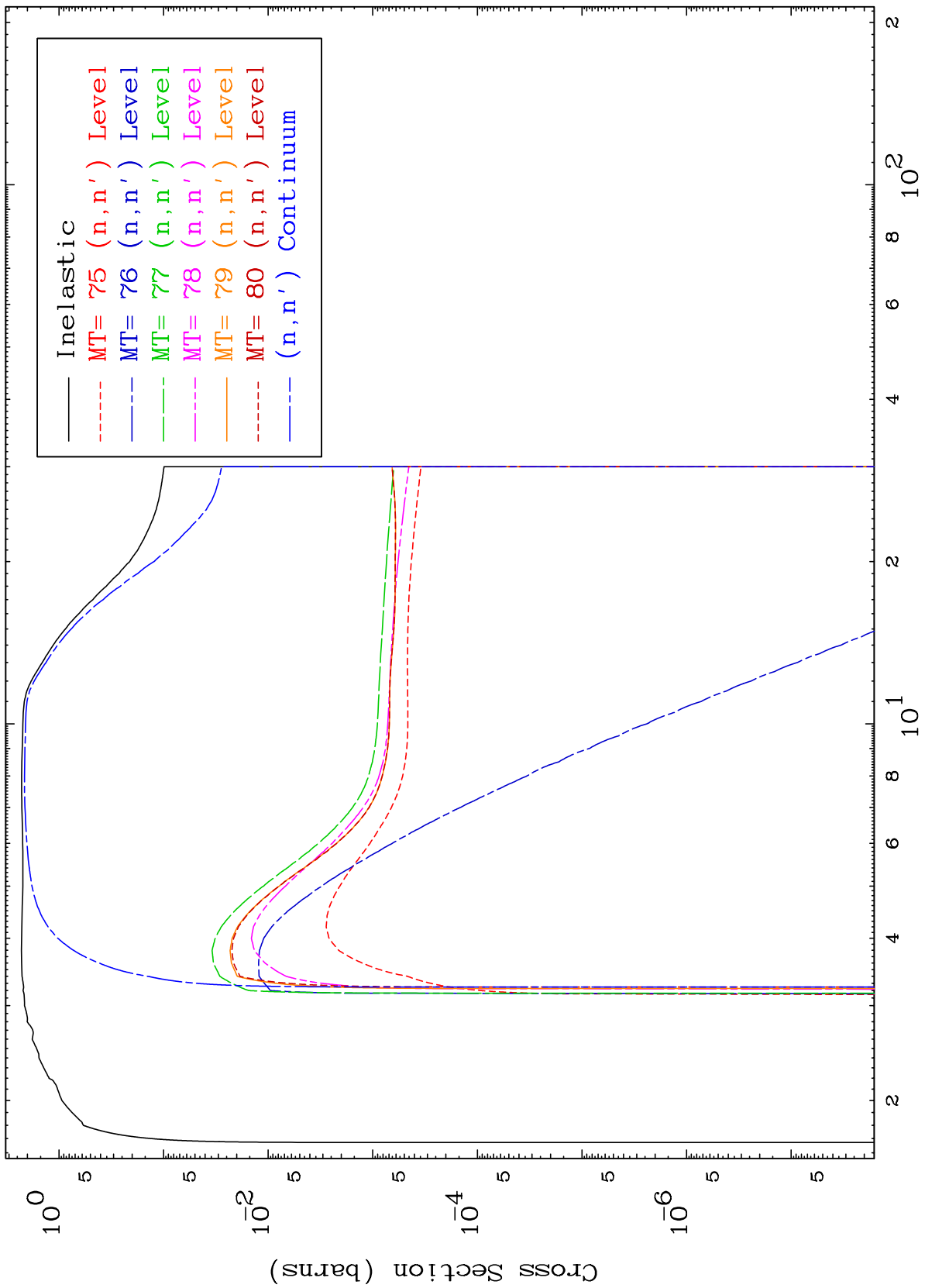
293 Kelvin Cross Sections



10

Incident Energy (MeV)

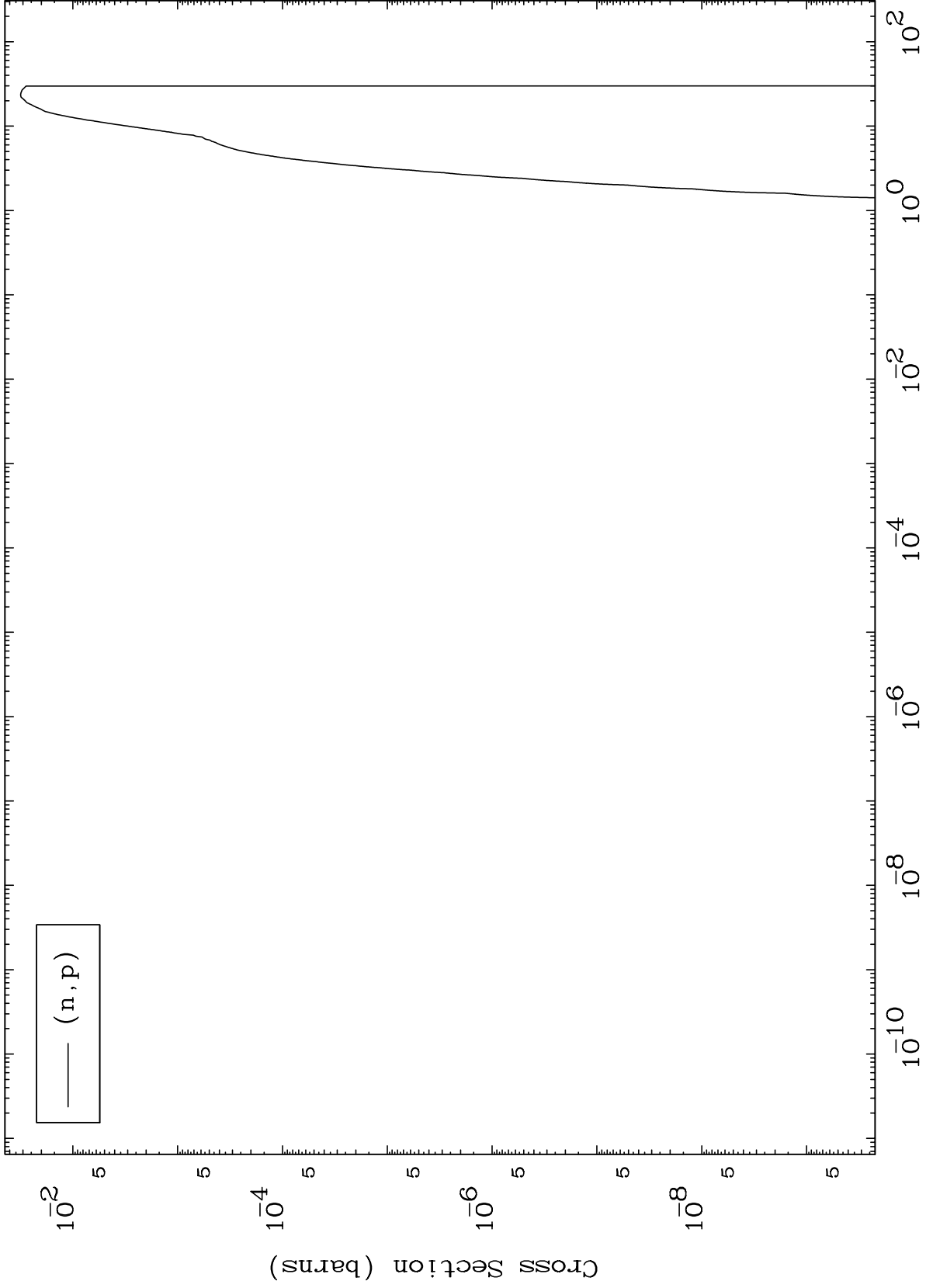
62-Sm-144



MAT 6225

(n,p) Levels
293 Kelvin Cross Sections

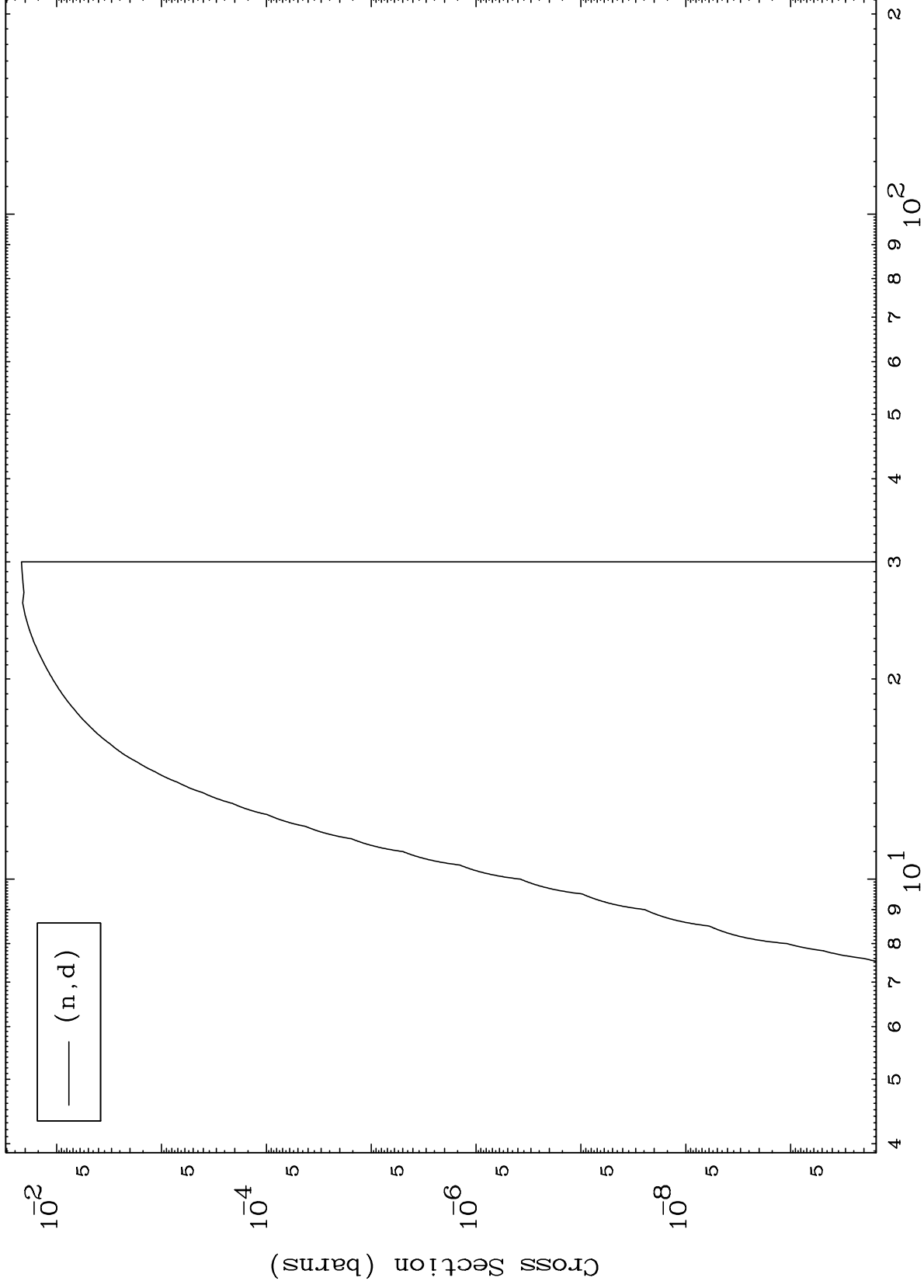
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MAT 6225

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-144



13

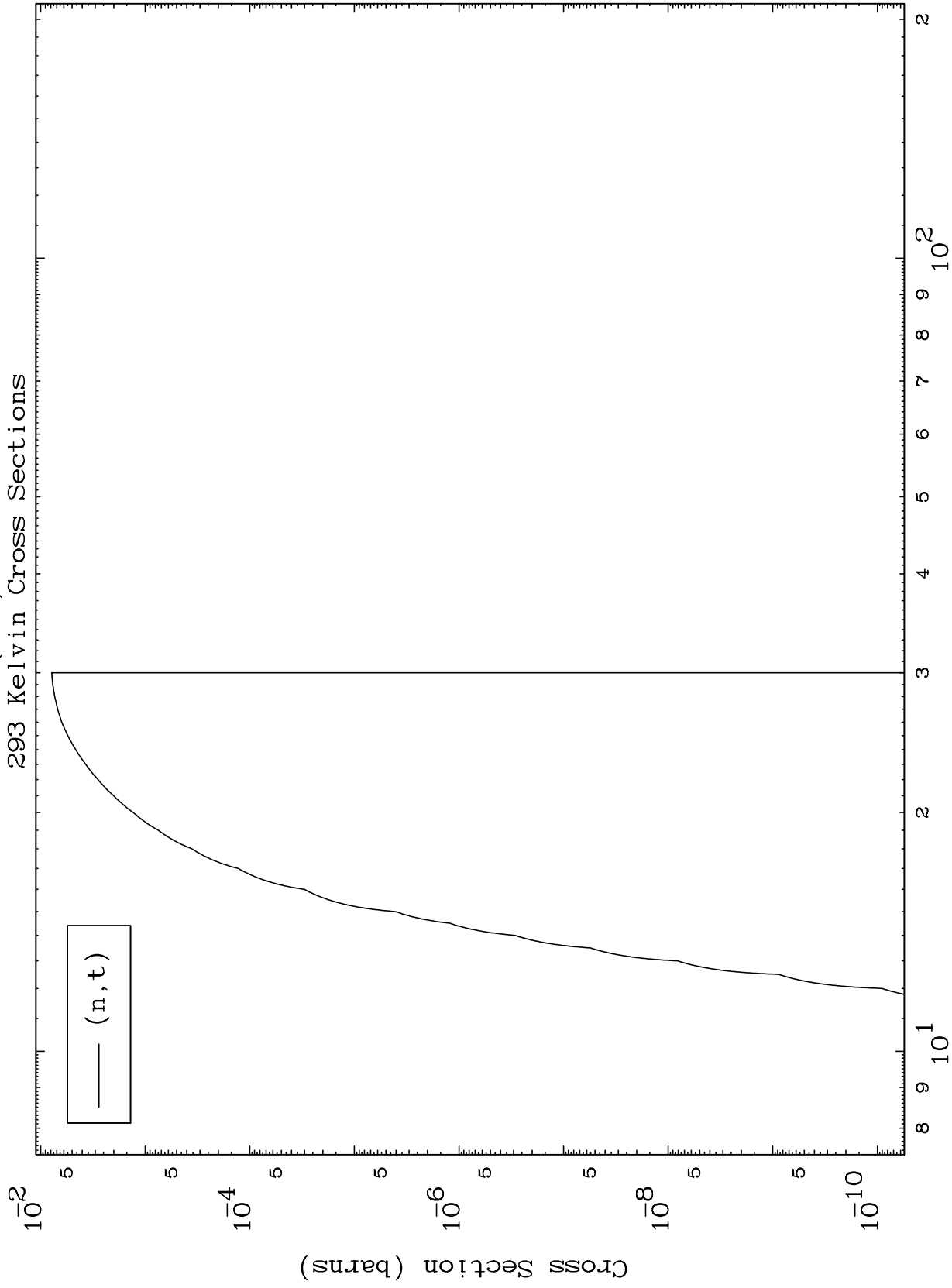
Incident Energy (MeV)

62-Sm-144

MAT 6225

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-144



14

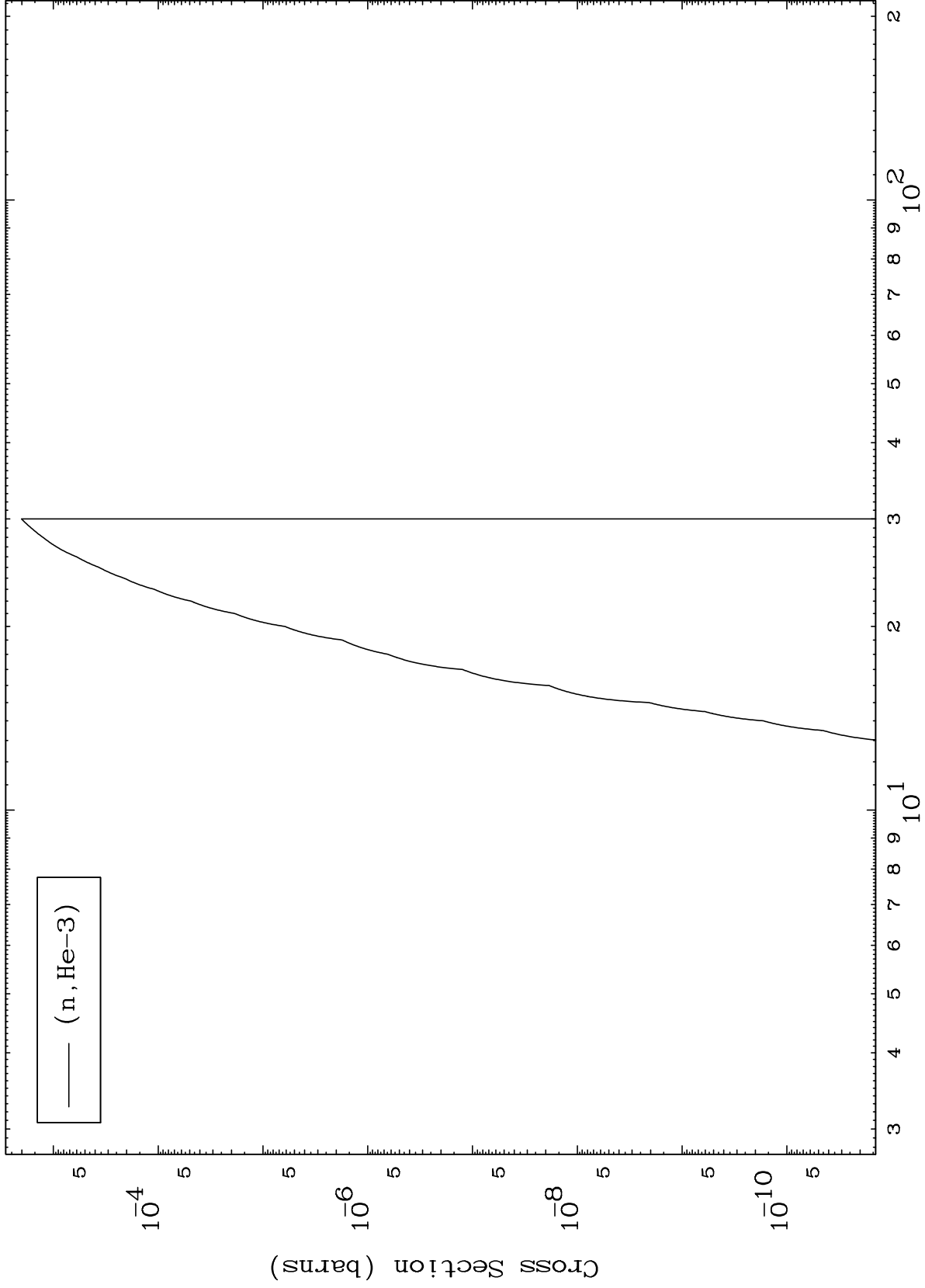
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62-Sm-144

MAT 6225

(n,He3) Levels
293 Kelvin Cross Sections

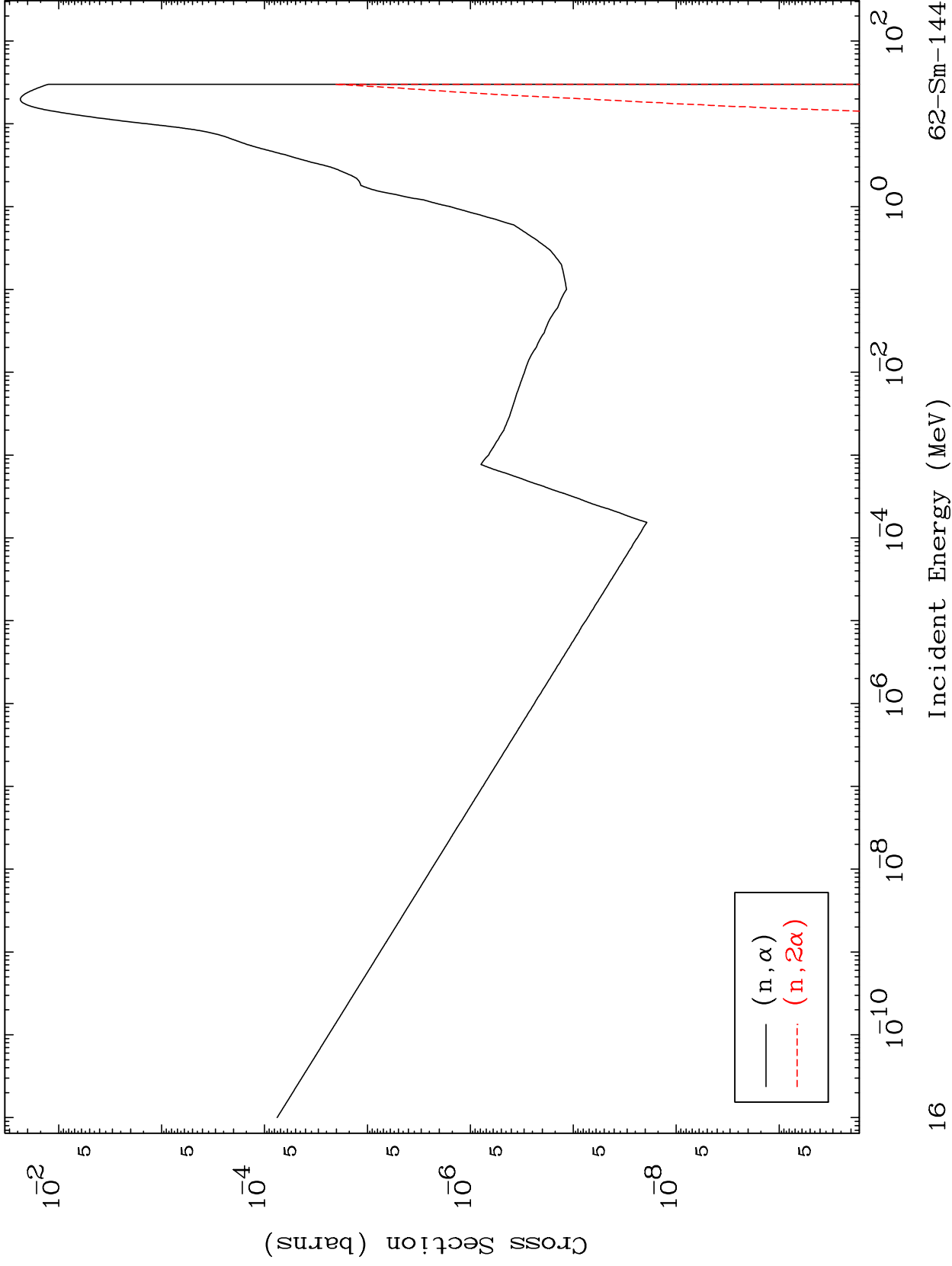
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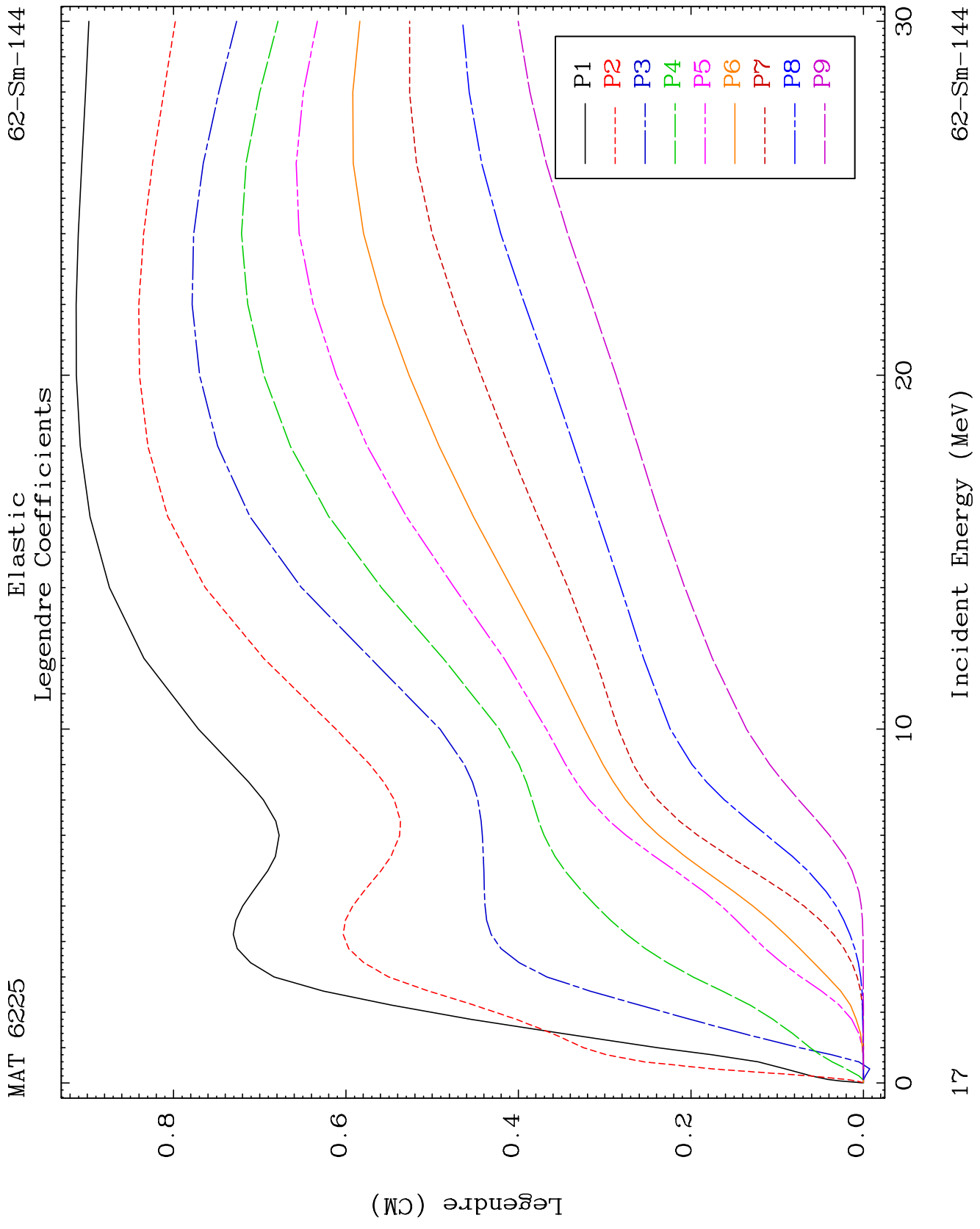


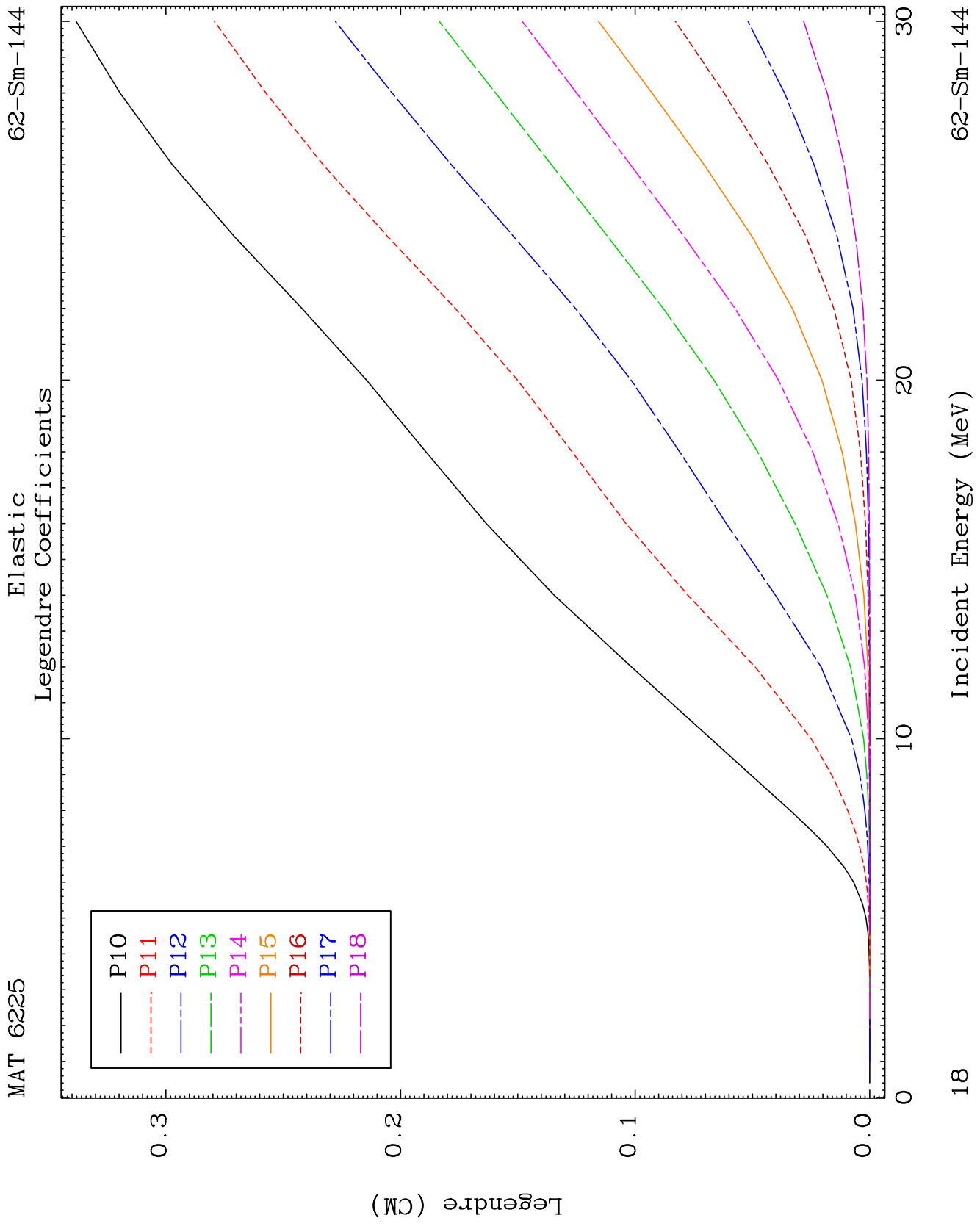
MAT 6225

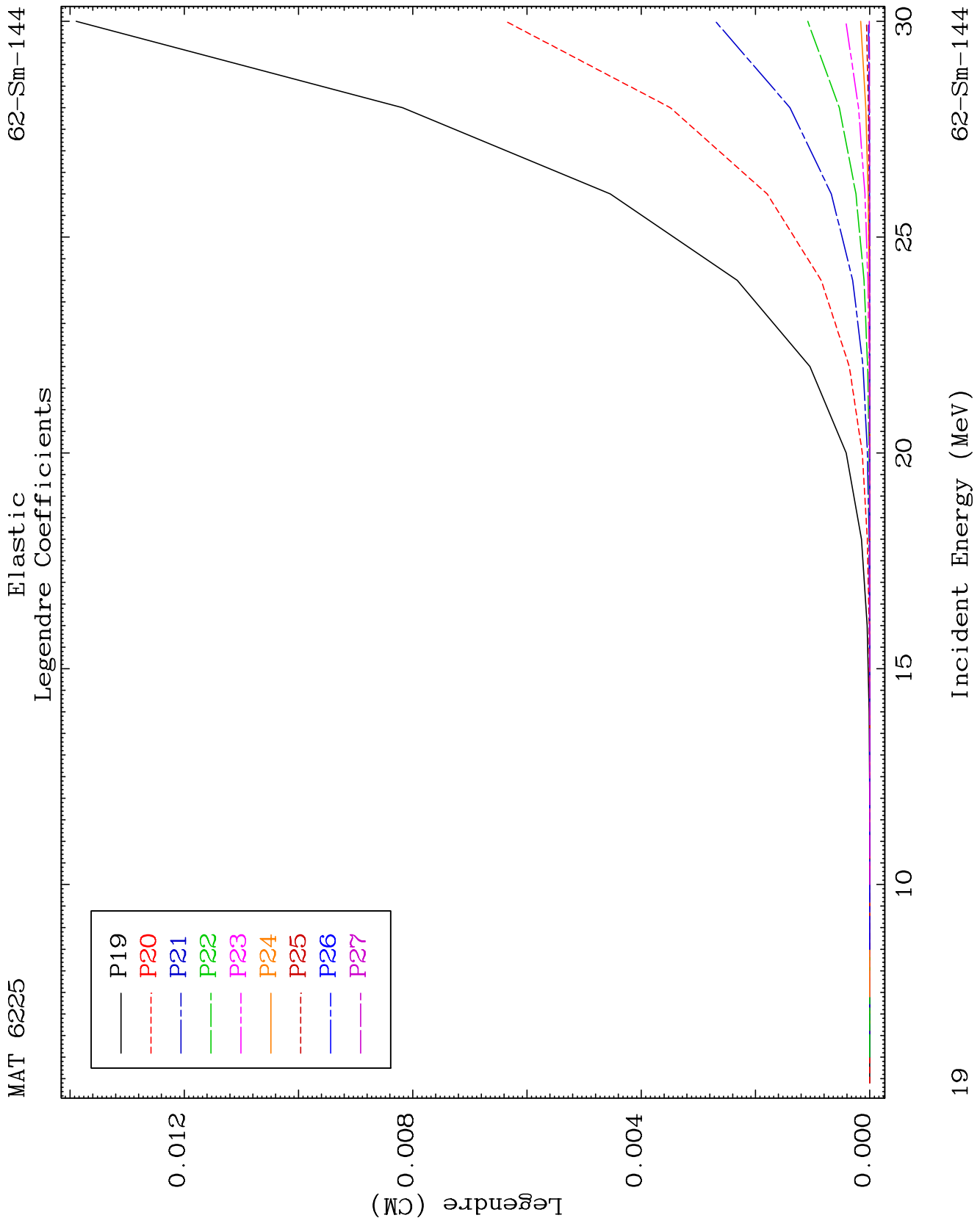
(n, α) Levels
293 Kelvin Cross Sections

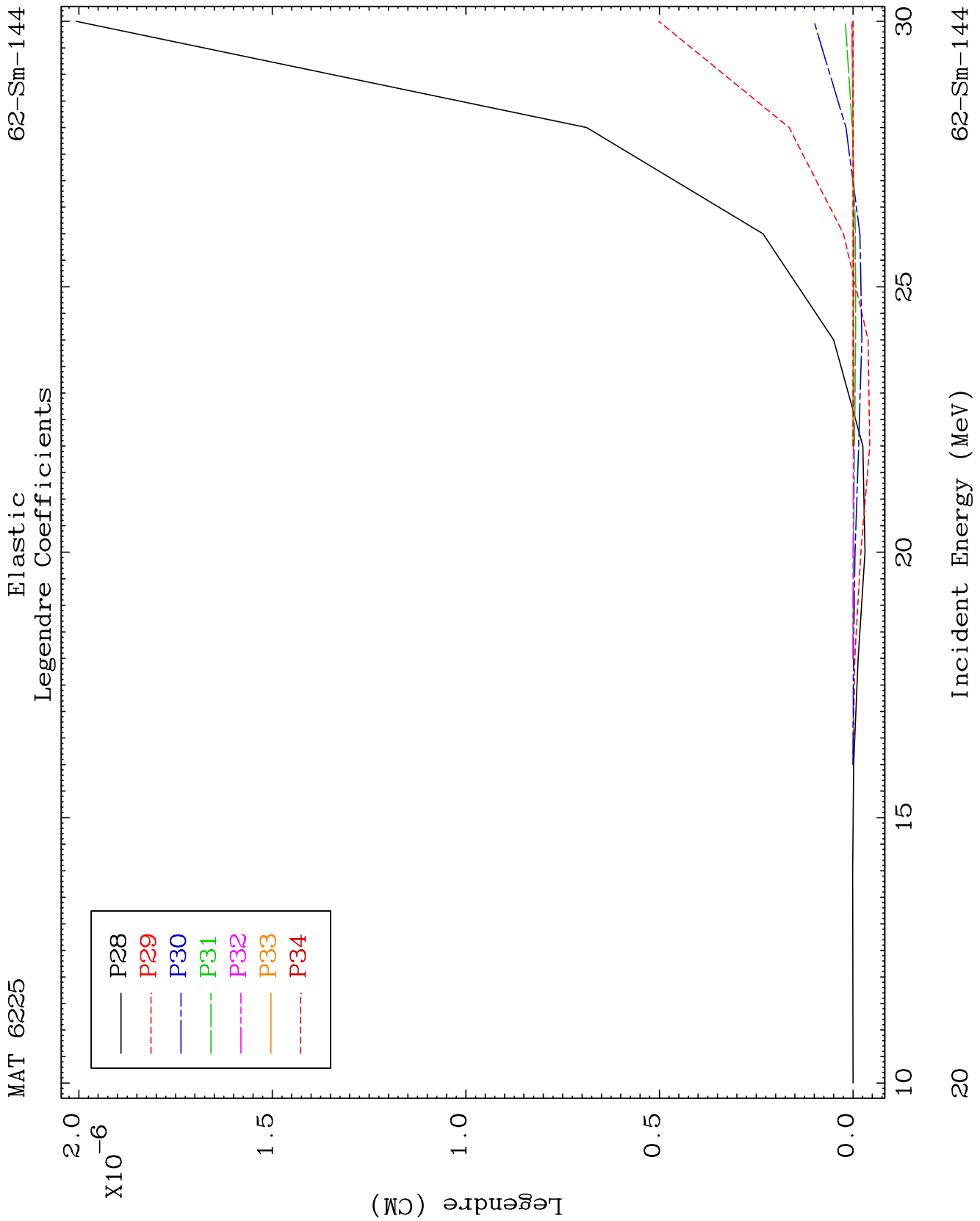
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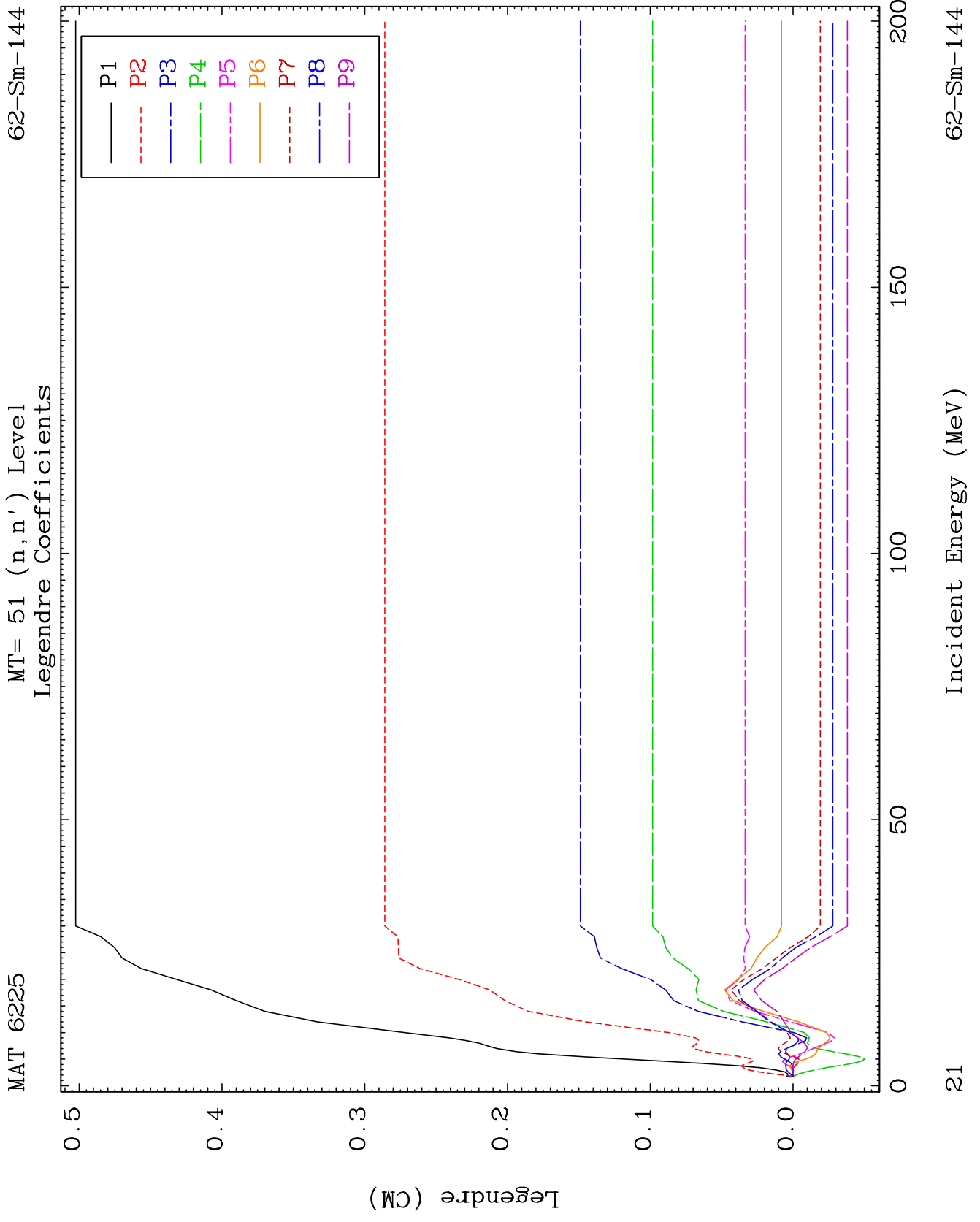








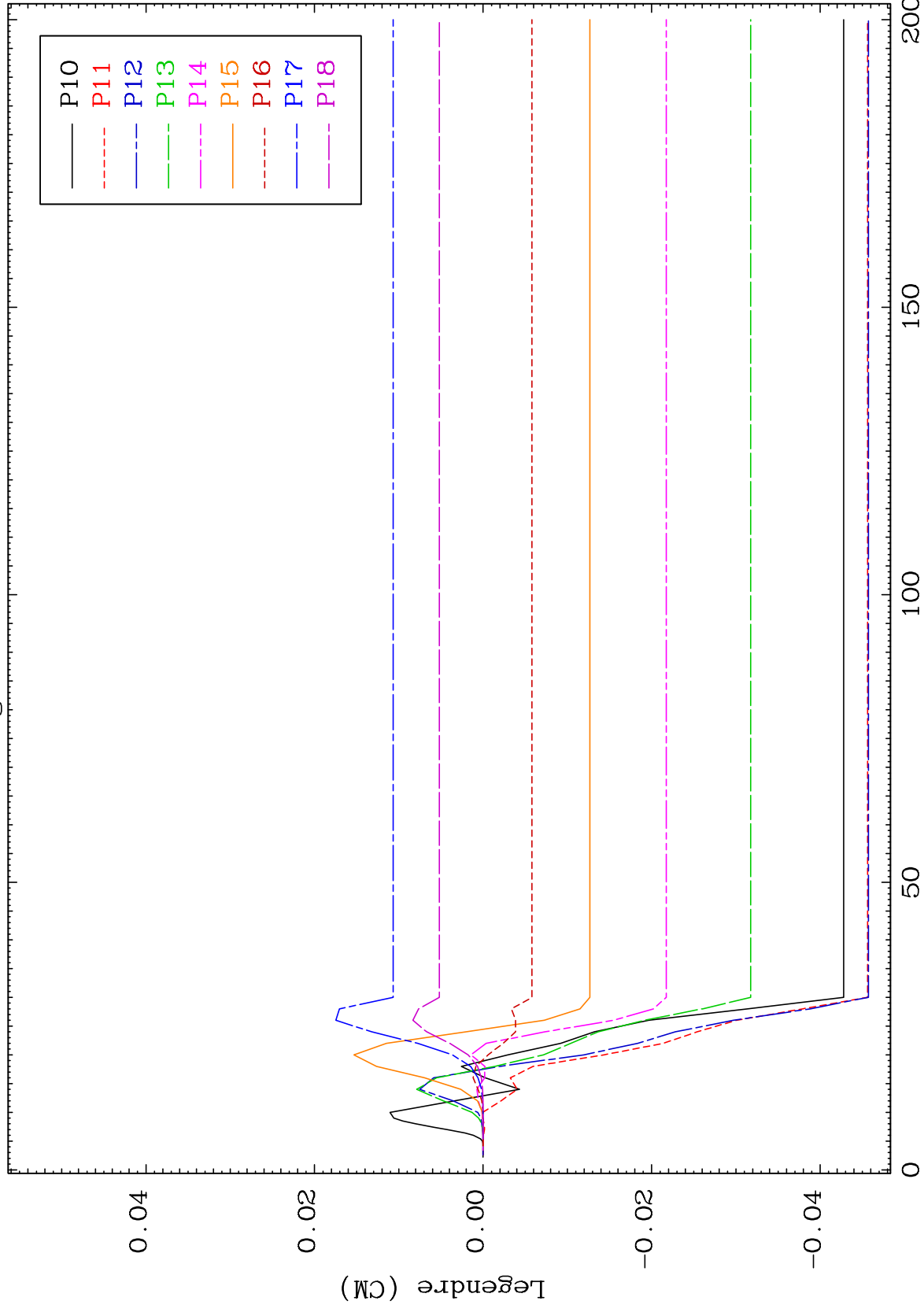




MAT 6225

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

62-Sm-144



22

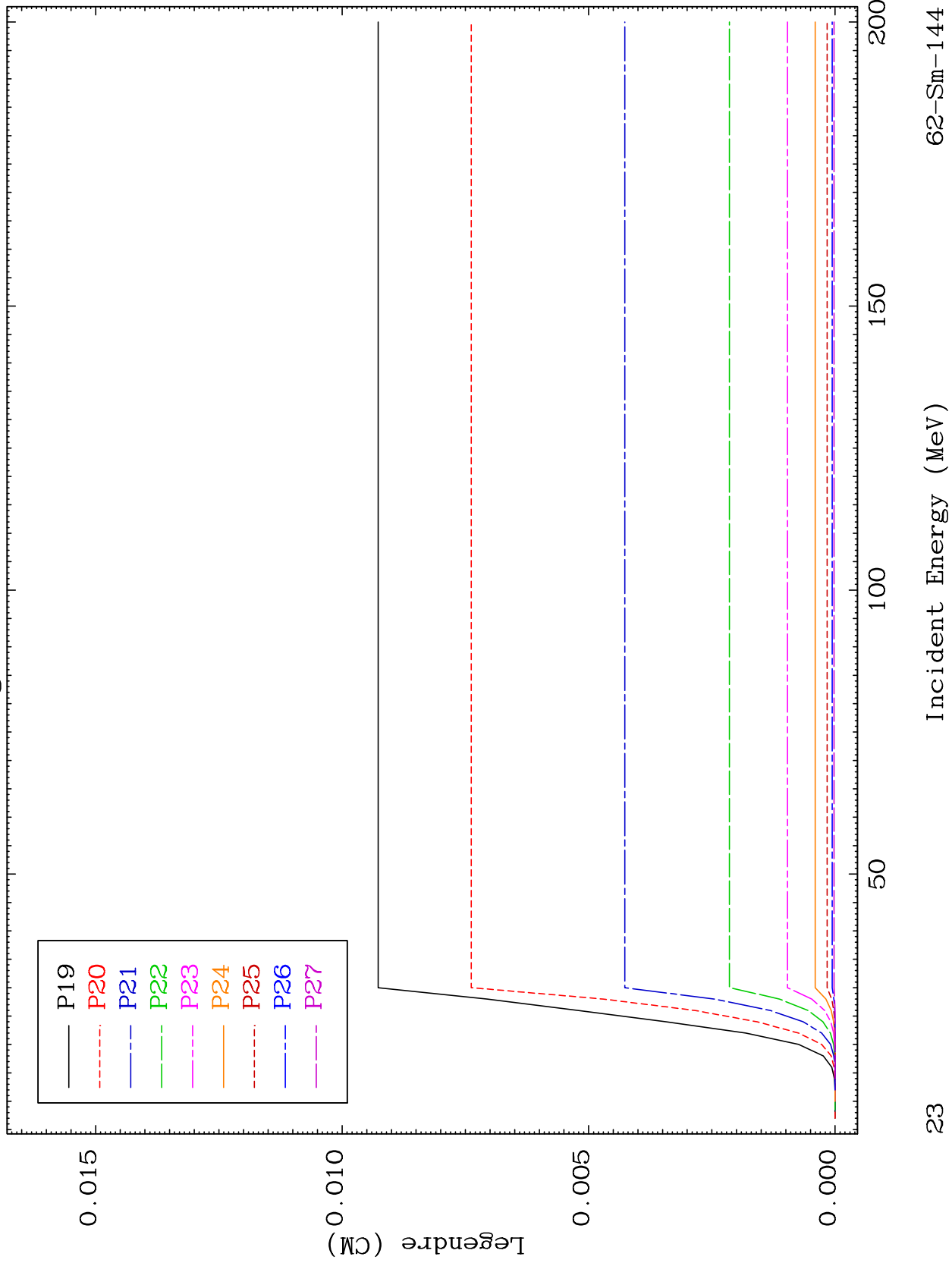
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



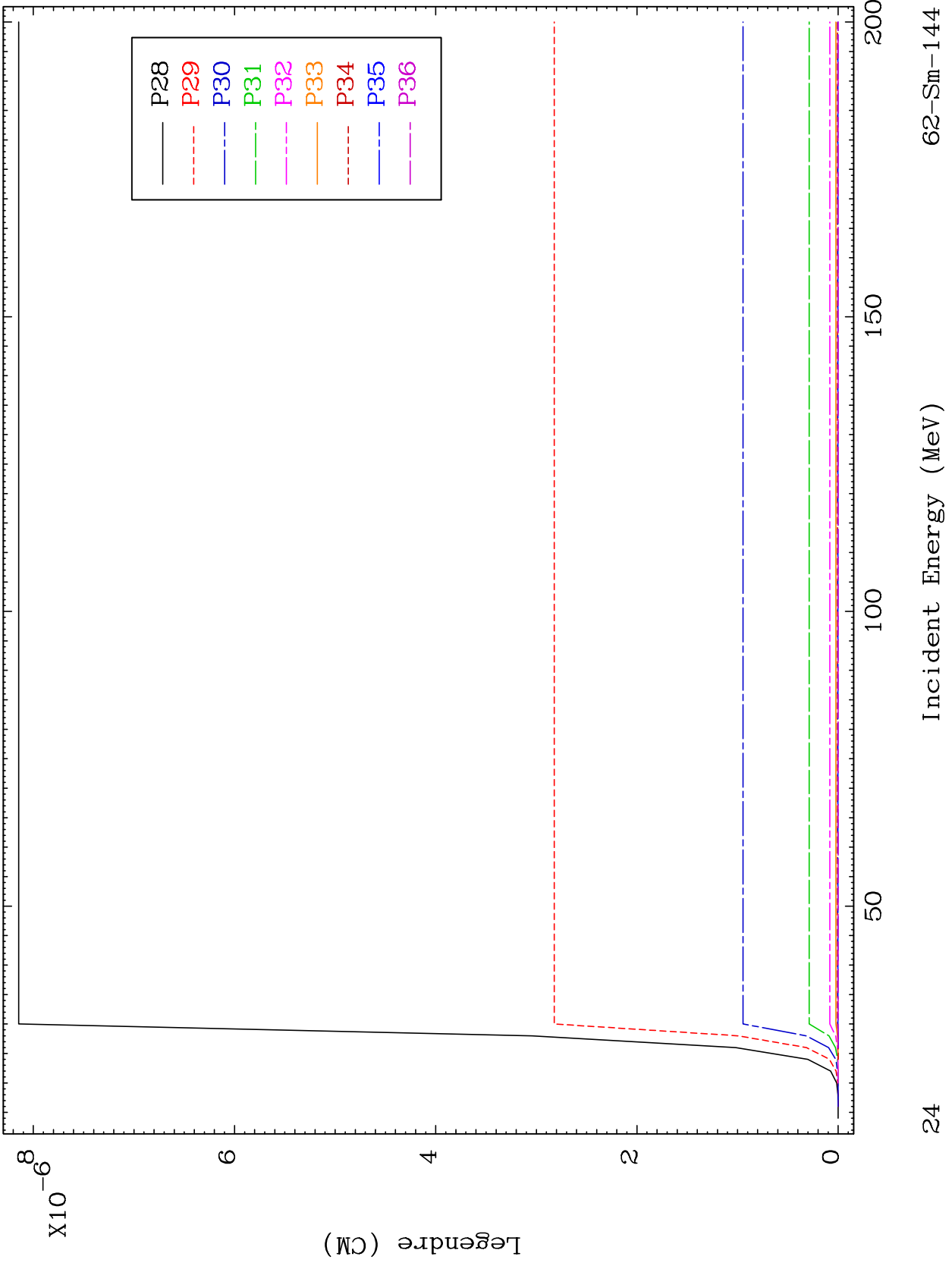
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62-Sm-144

MAT 6225

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

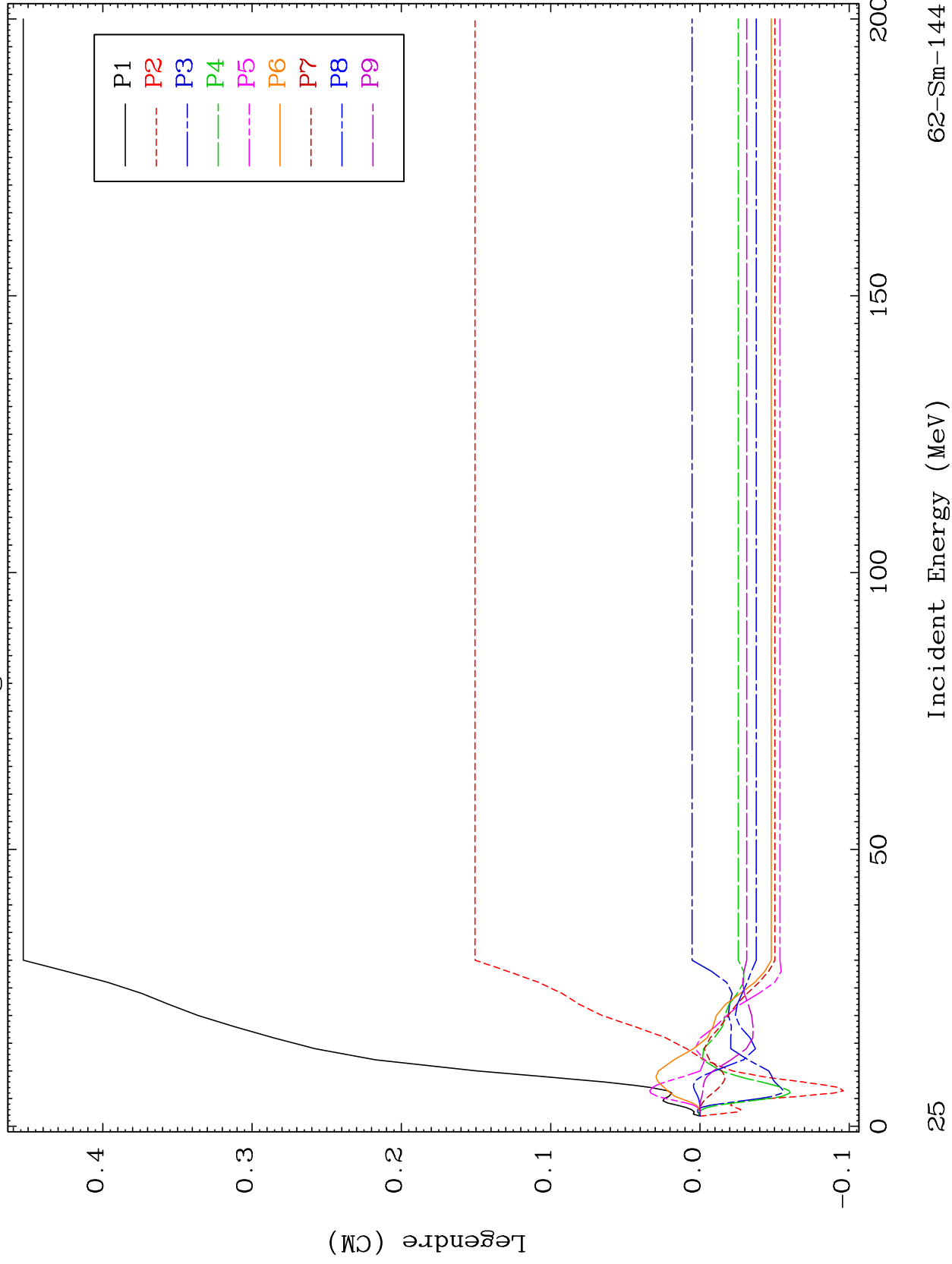
62-Sm-144



MAT 6225

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

62-Sm-144



62-Sm-144

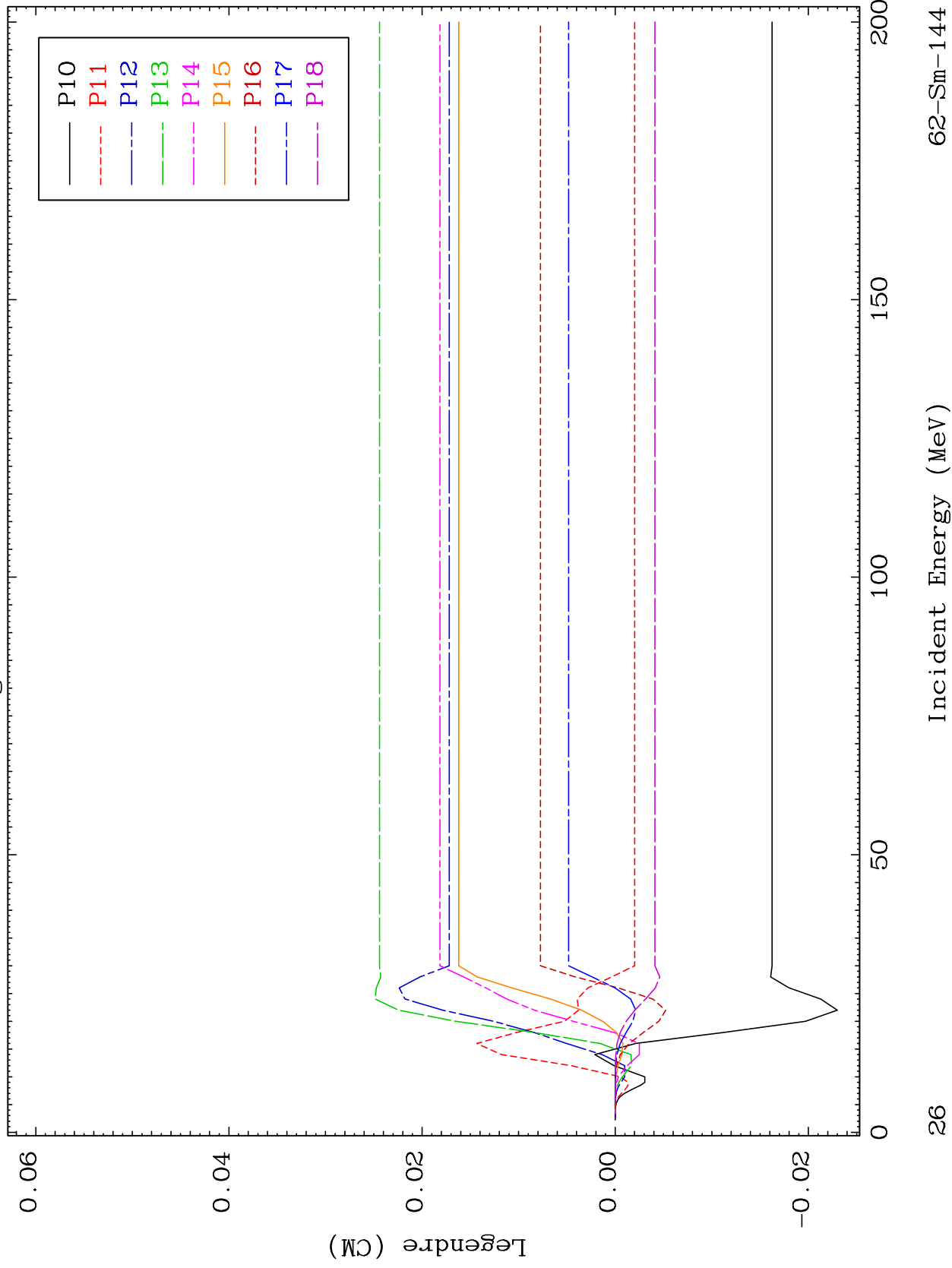
Incident Energy (MeV)

25

MAT 6225

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

62-Sm-144



62-Sm-144

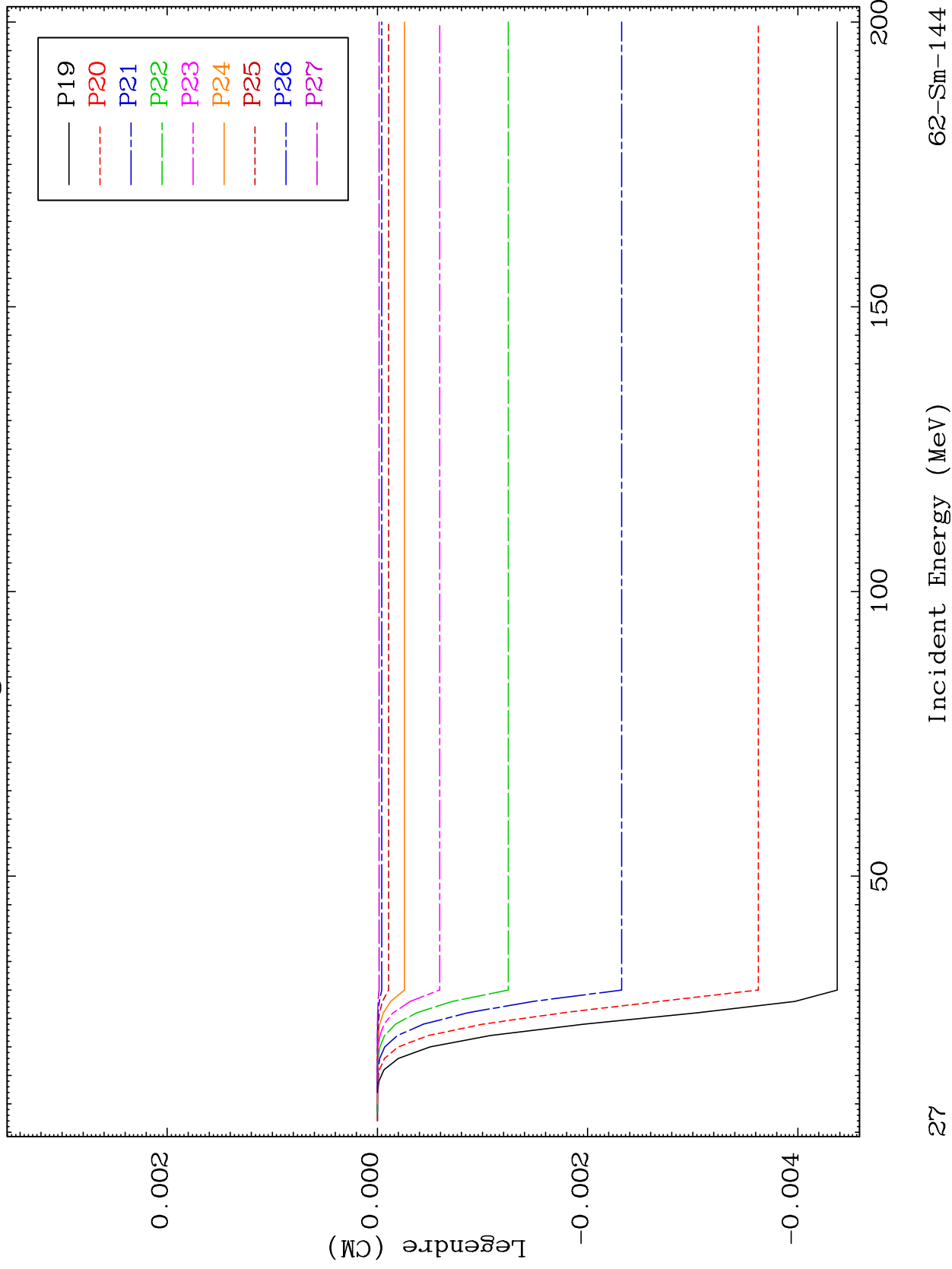
Incident Energy (MeV)

26

MAT 6225

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

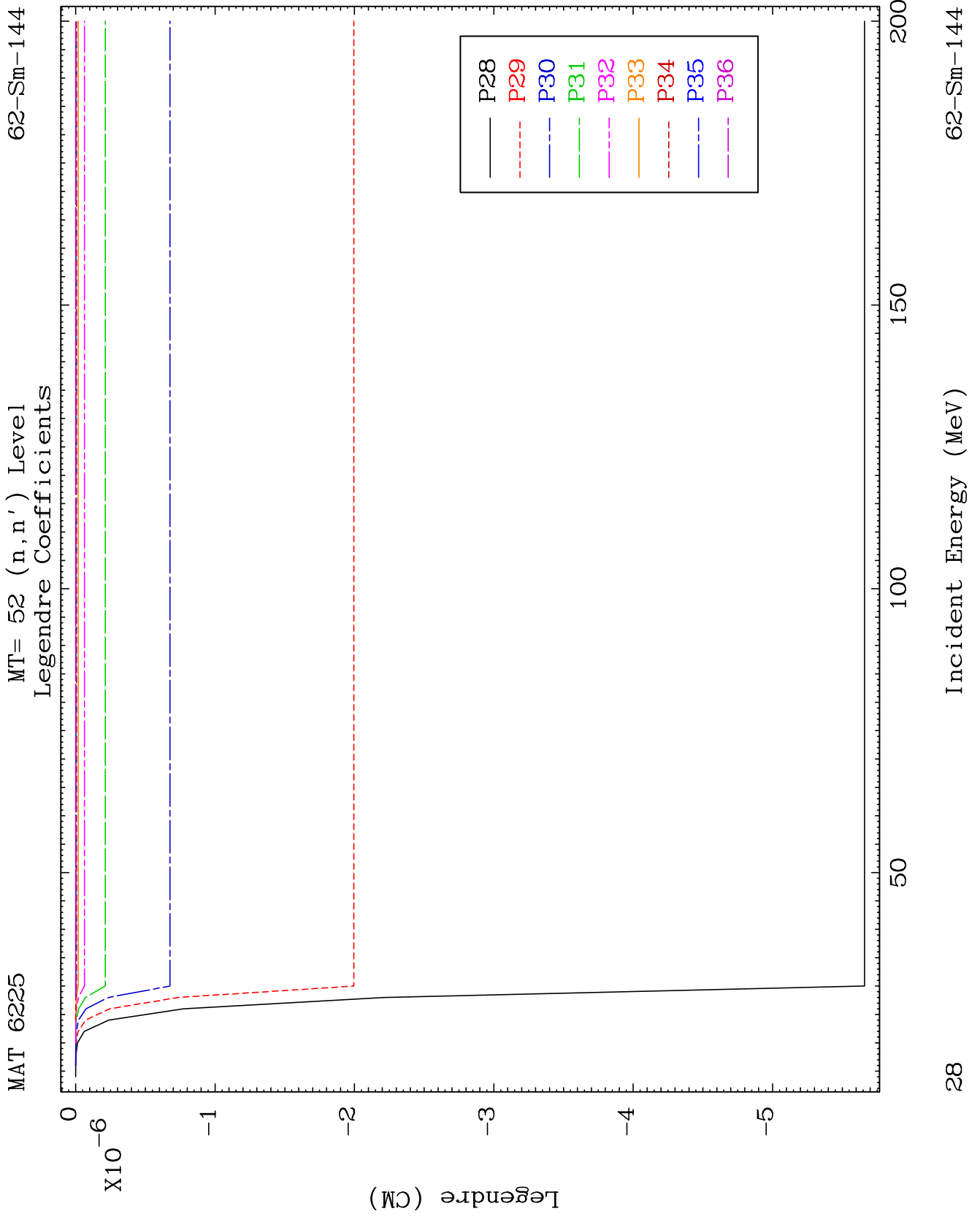
62-Sm-144



27

Incident Energy (MeV)

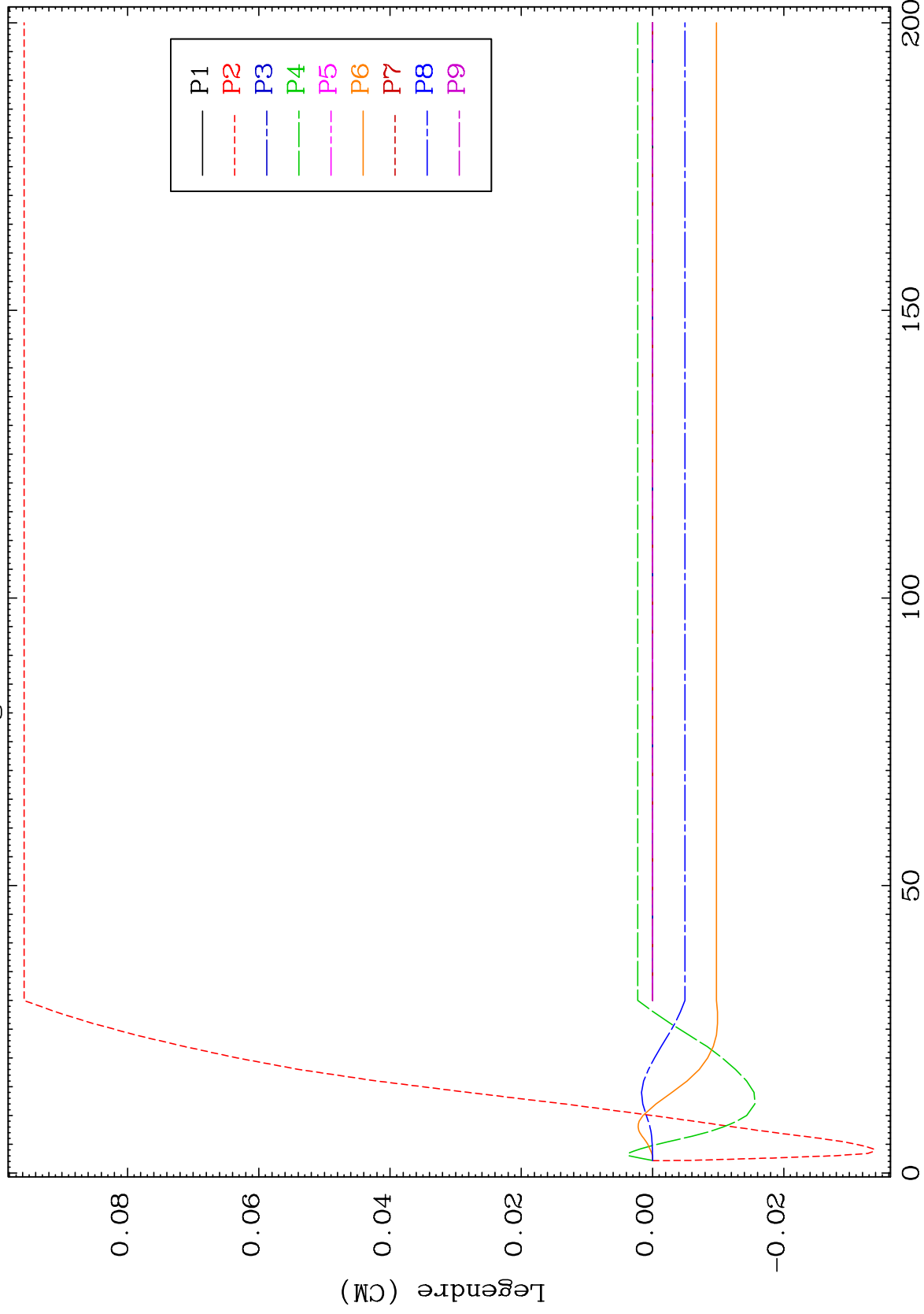
62-Sm-144



MAT 6225

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

62-Sm-144



29

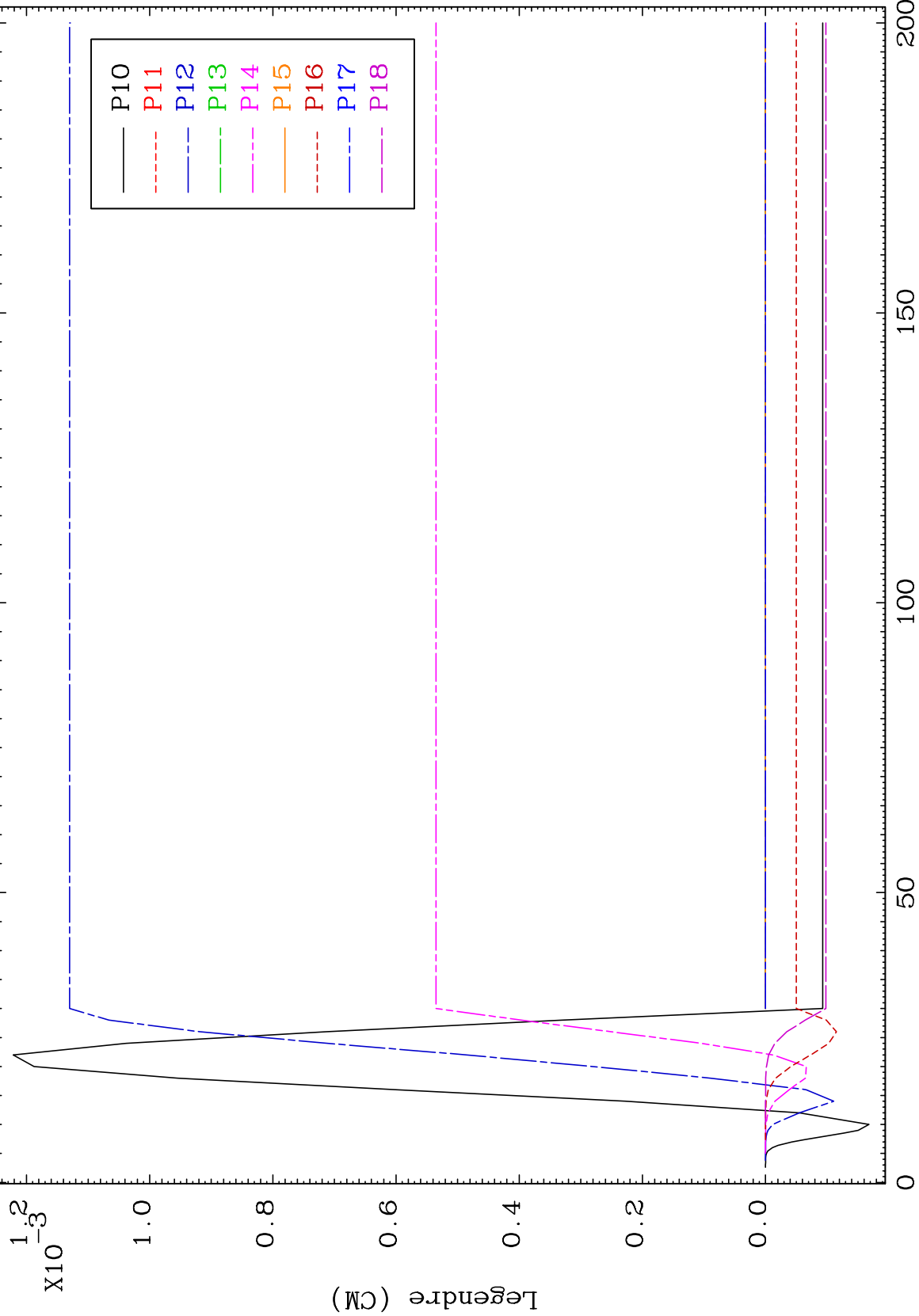
62-Sm-144

62-Sm-144

MAT 6225

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

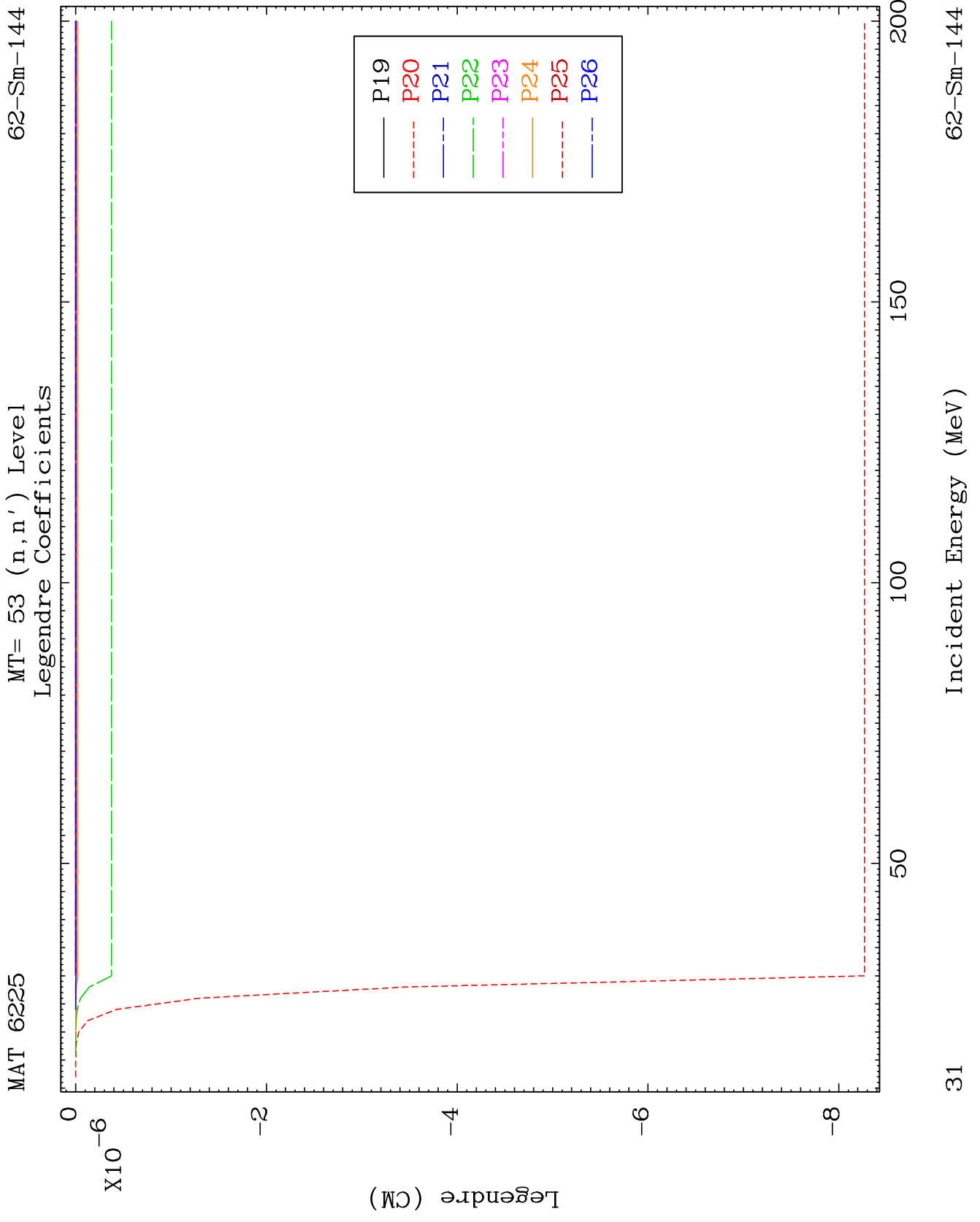
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30

Incident Energy (MeV)

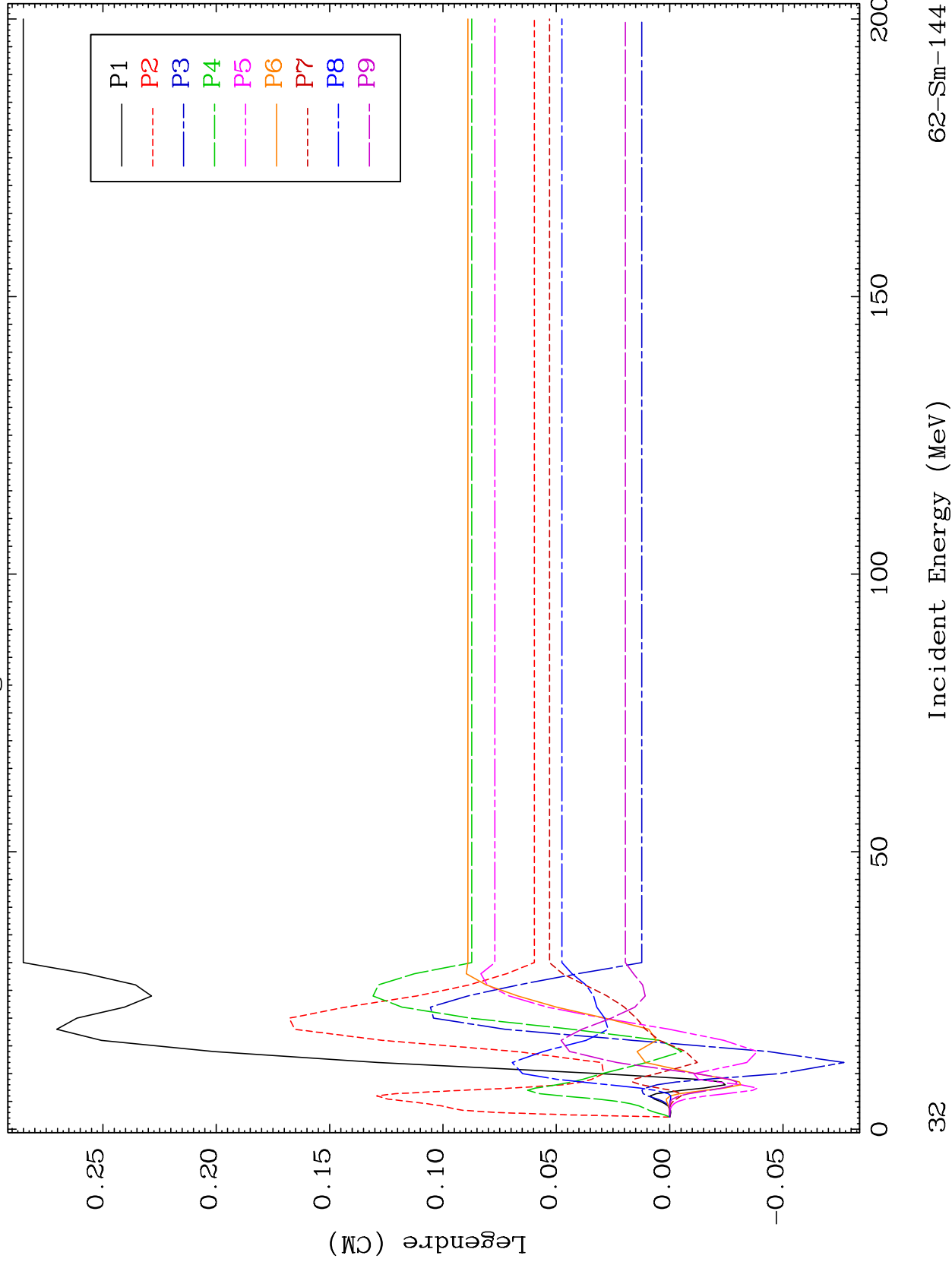
62-Sm-144



MAT 6225

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

62-Sm-144



62-Sm-144

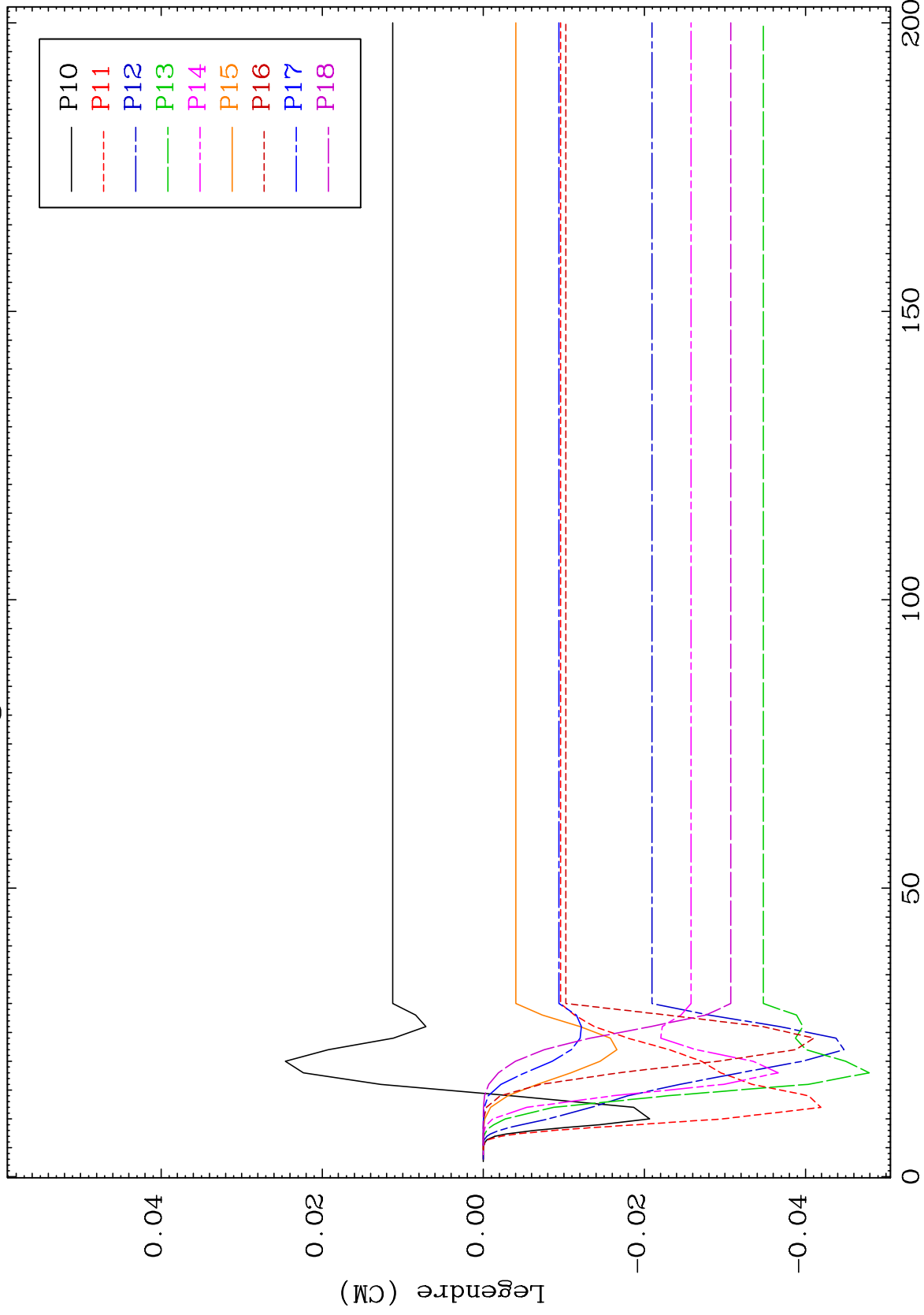
Incident Energy (MeV)

32

MAT 6225

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

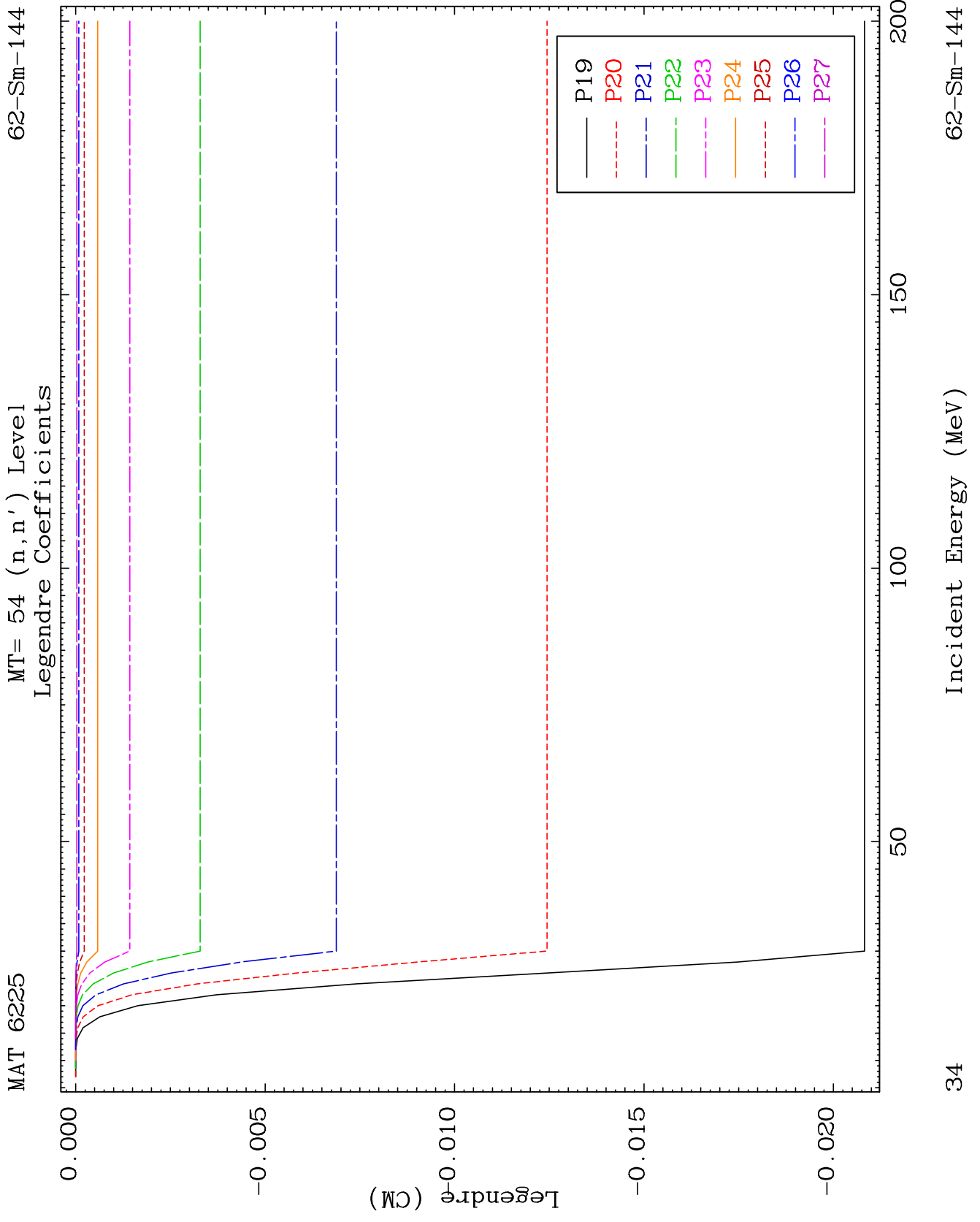
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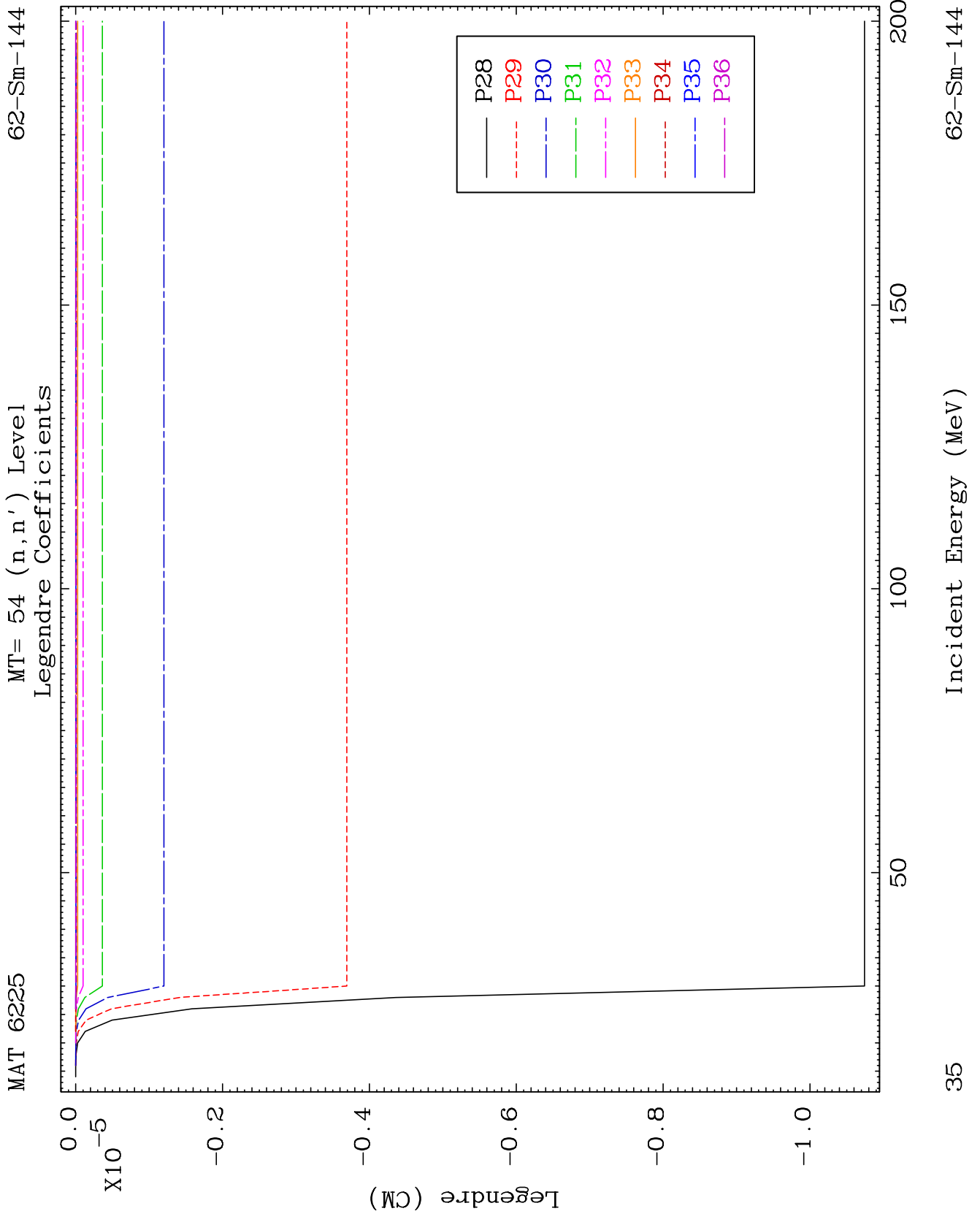


33

Incident Energy (MeV)

62-Sm-144



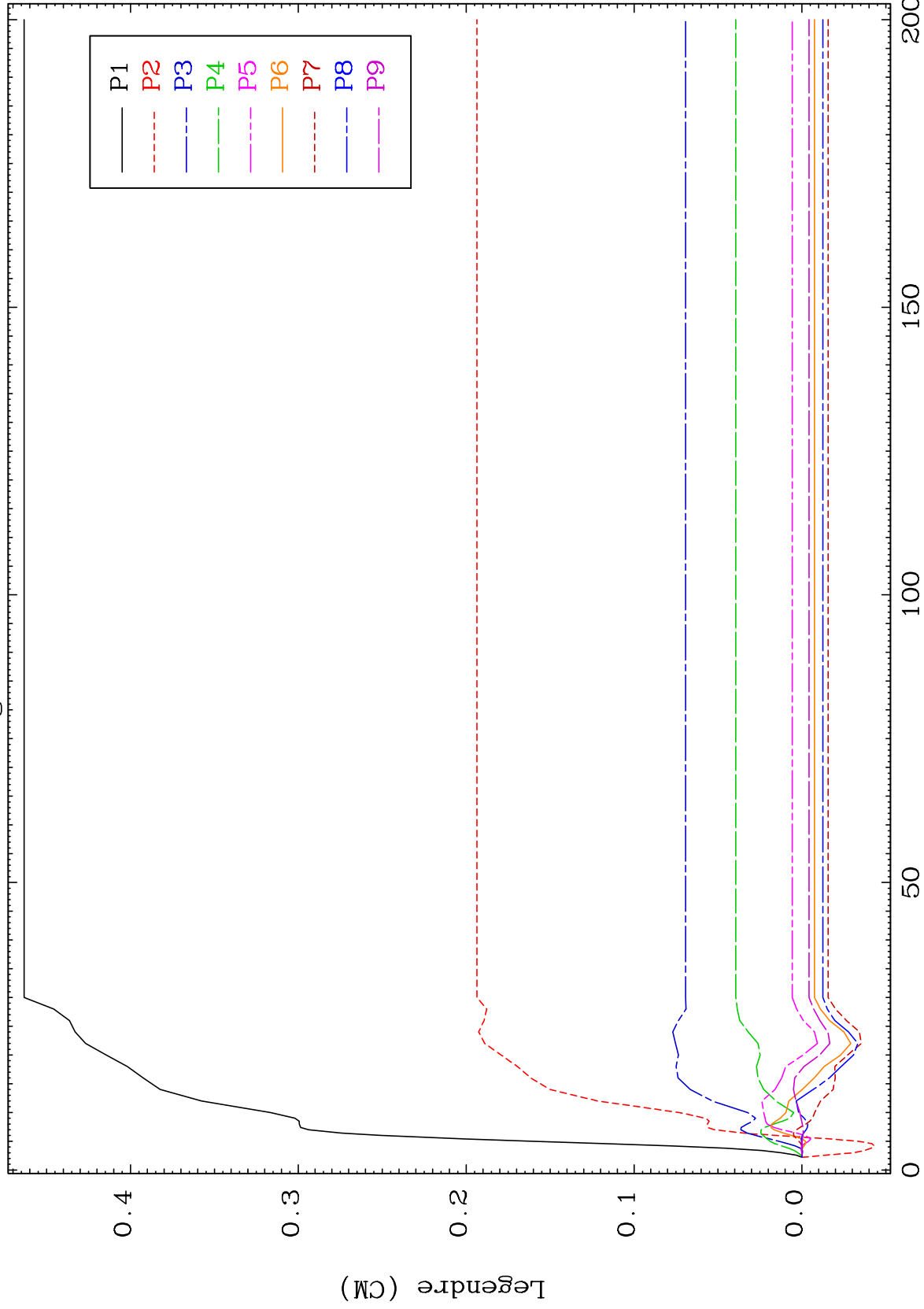


MAT 6225

MT= 55 (n,n') Level

62-Sm-144

Legendre Coefficients



36

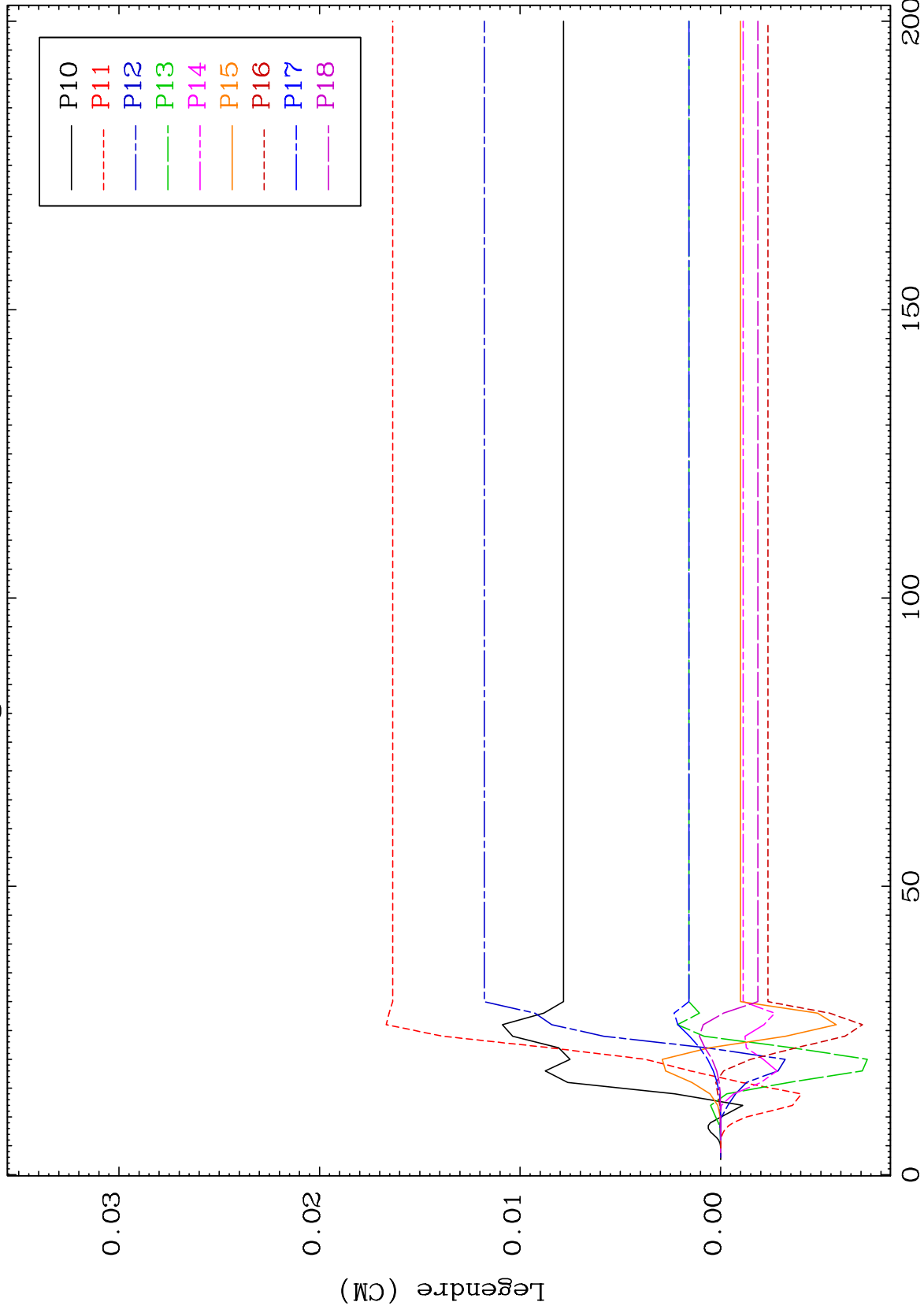
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



37

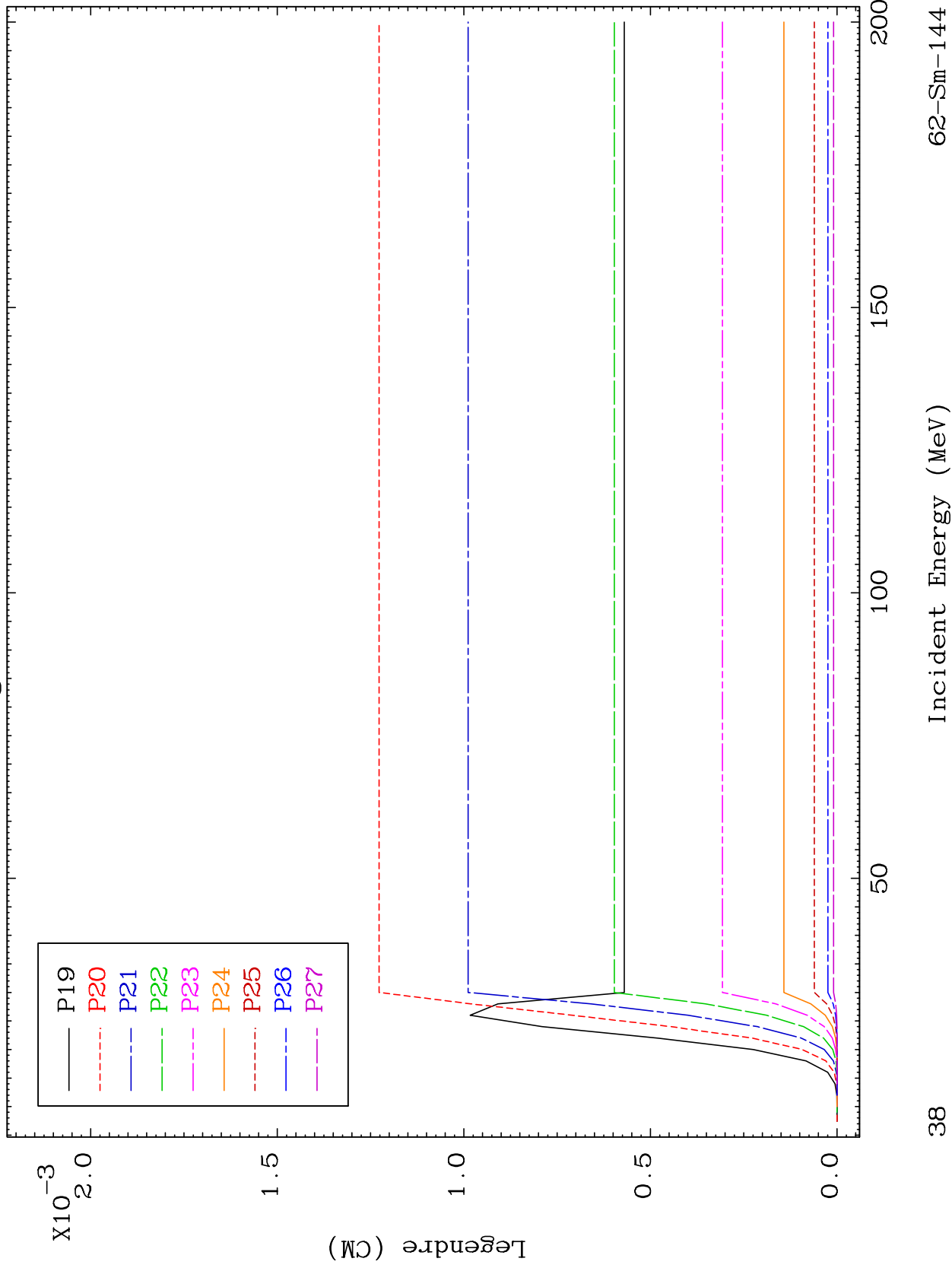
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

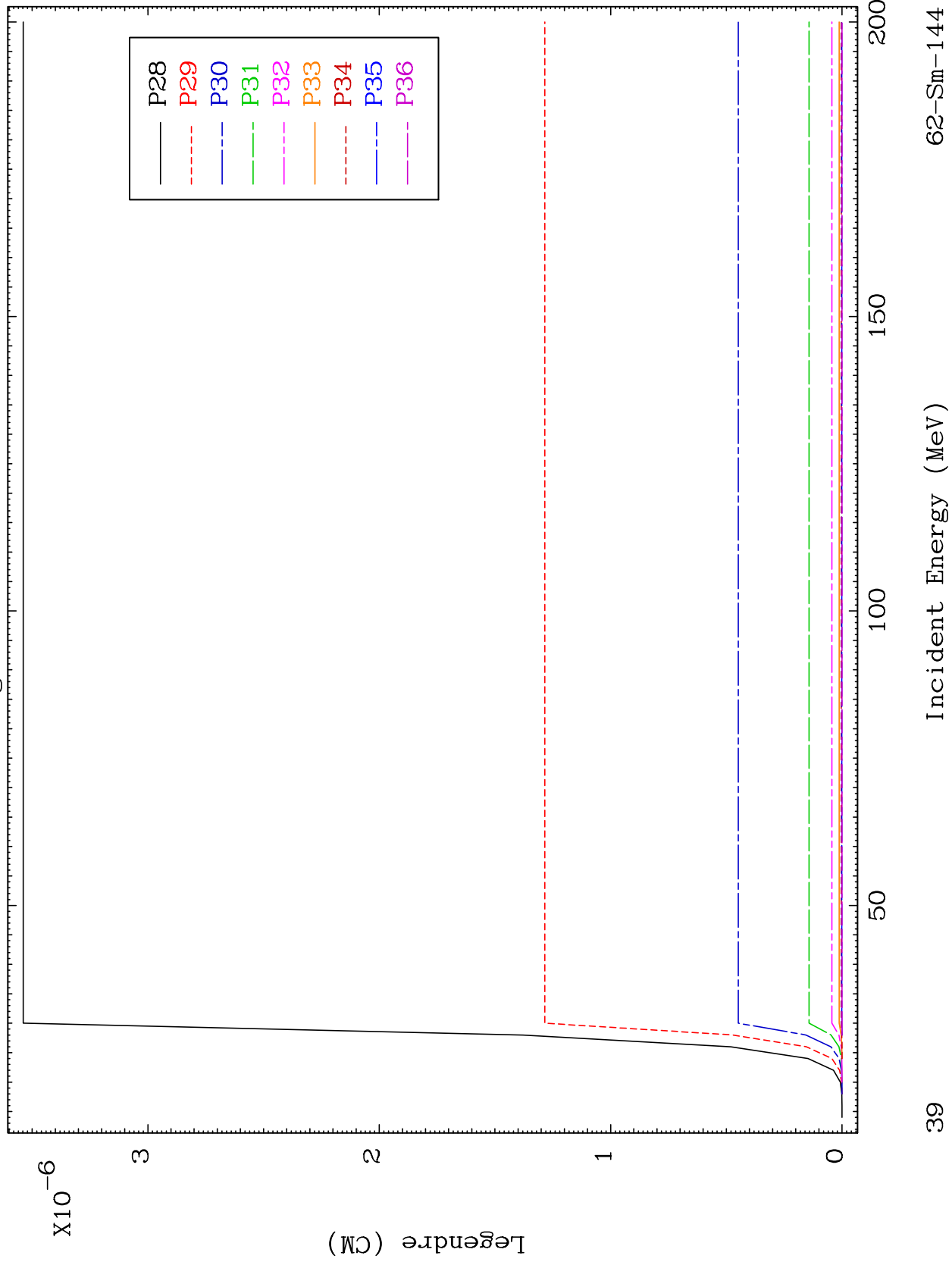
62-Sm-144



MAT 6225

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

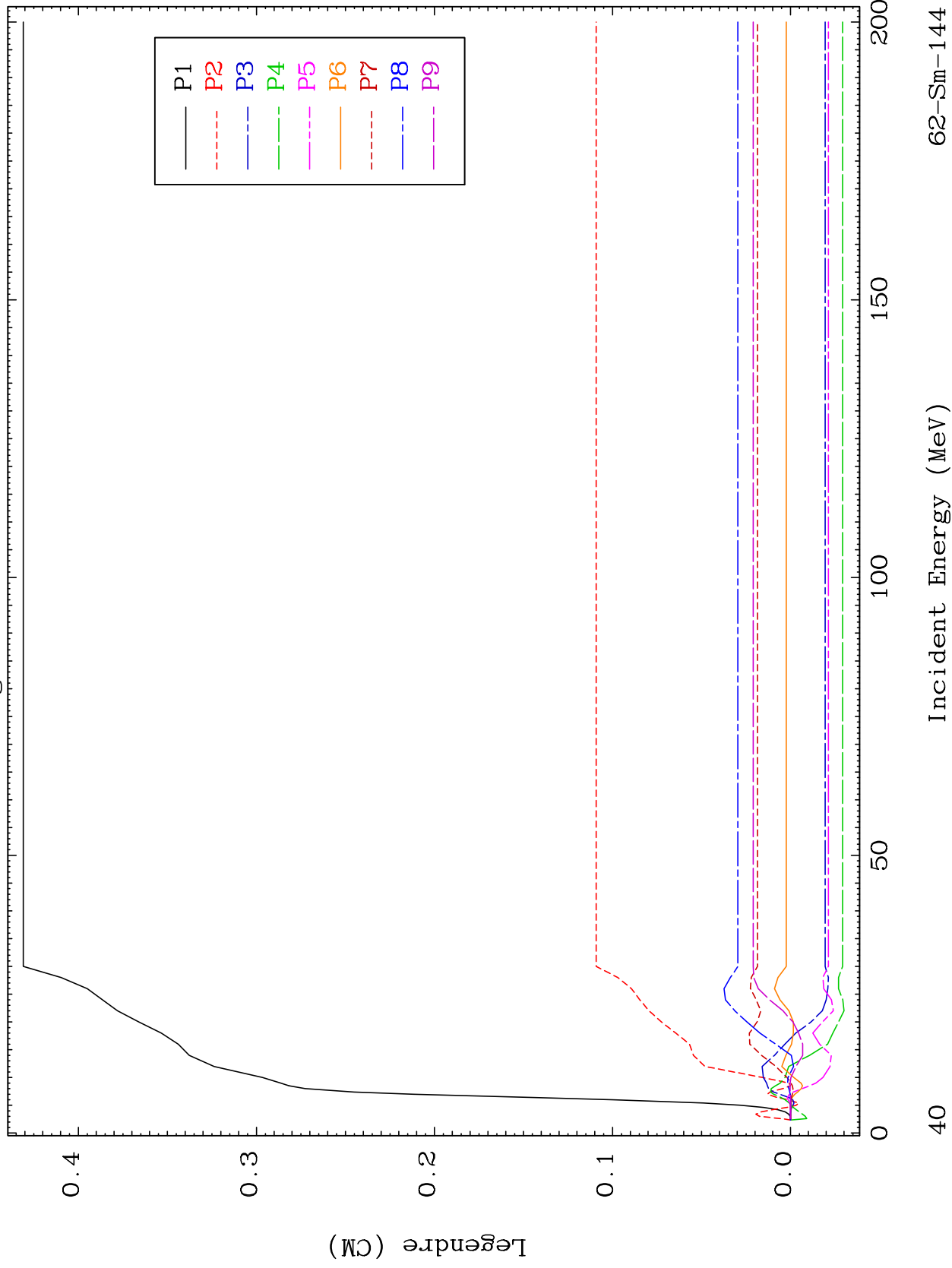
62-Sm-144



MAT 6225

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

62-Sm-144



62-Sm-144

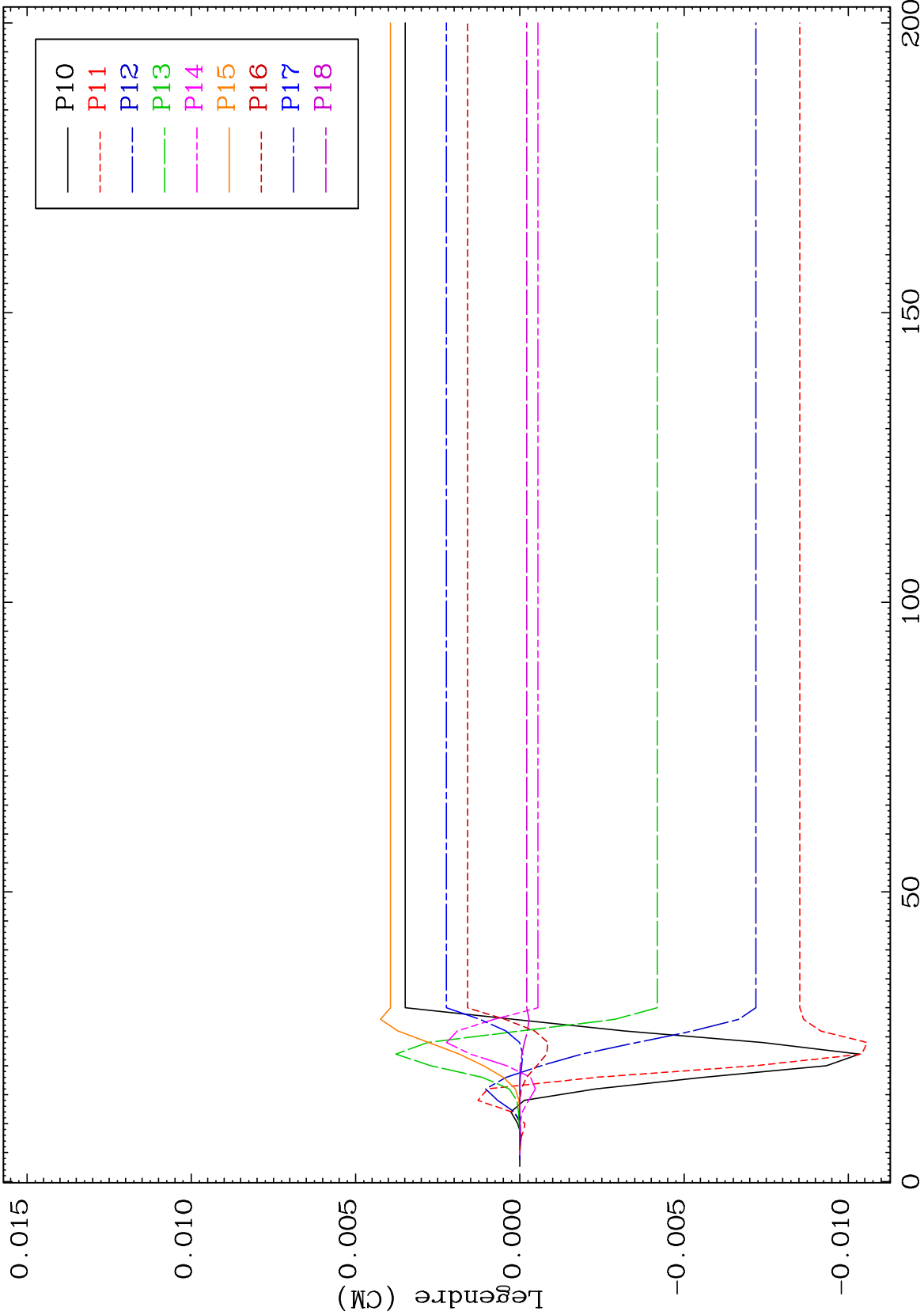
Incident Energy (MeV)

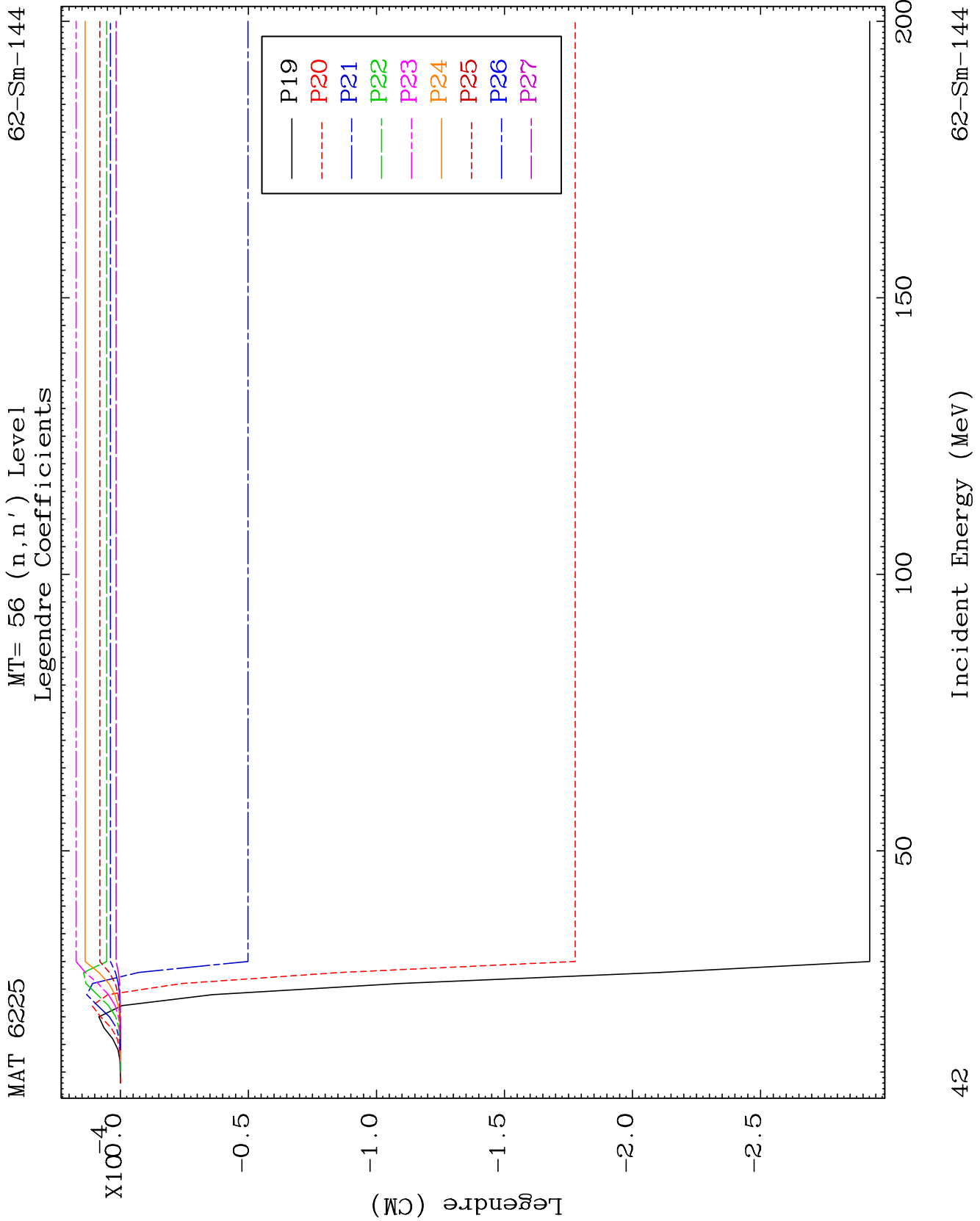
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MAT 6225

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

62-Sm-144

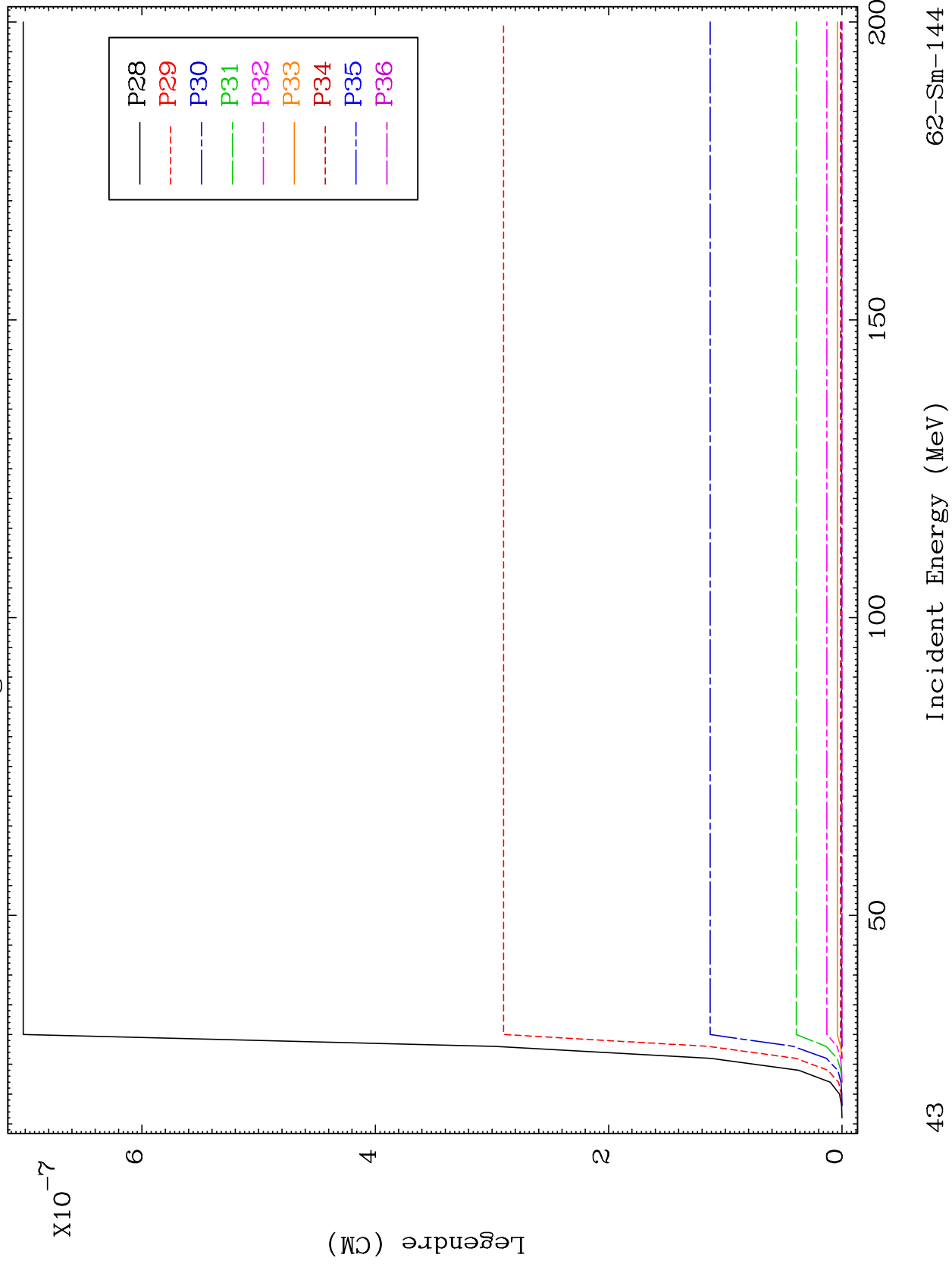




MAT 6225

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

62-Sm-144



43

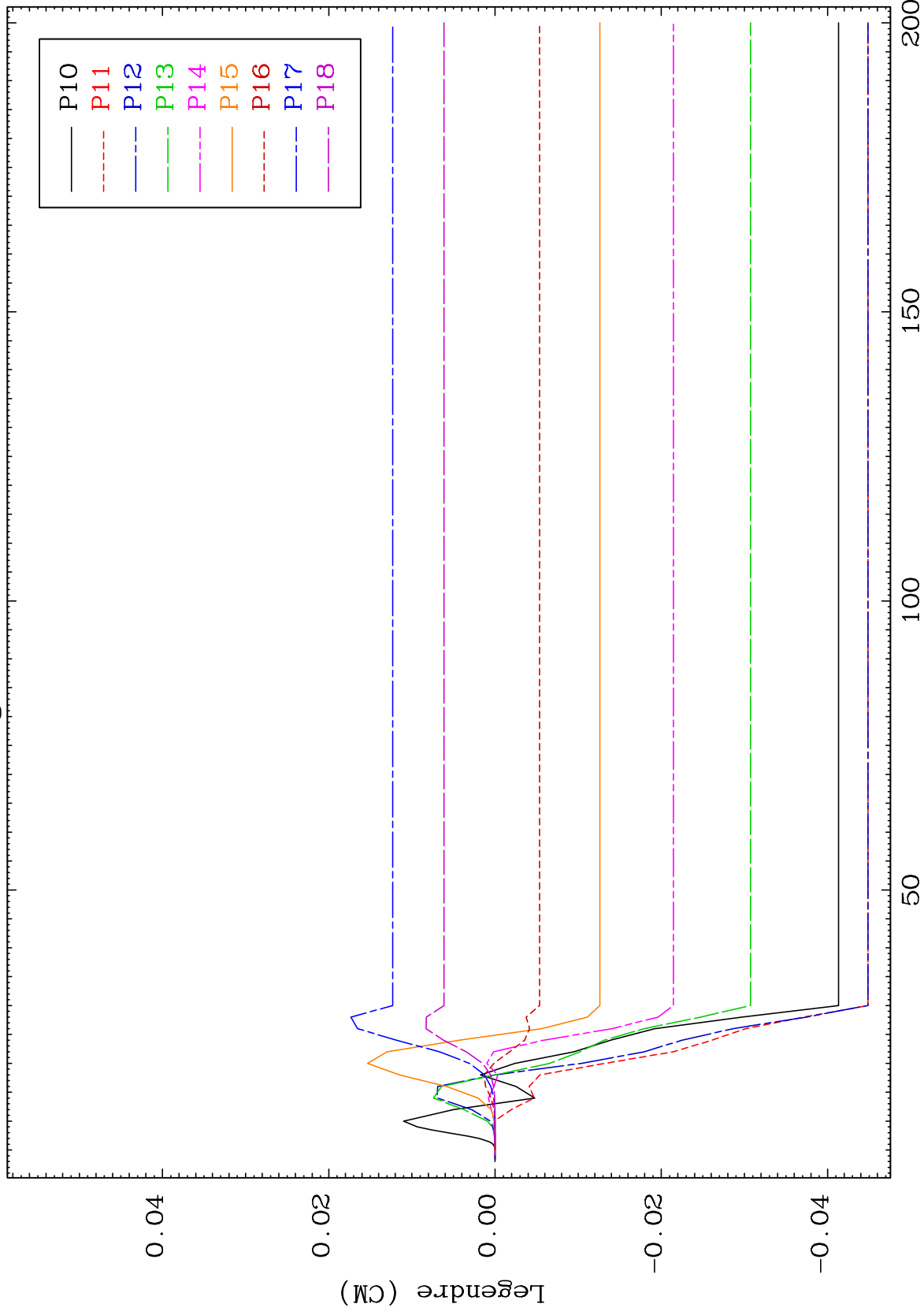
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



45

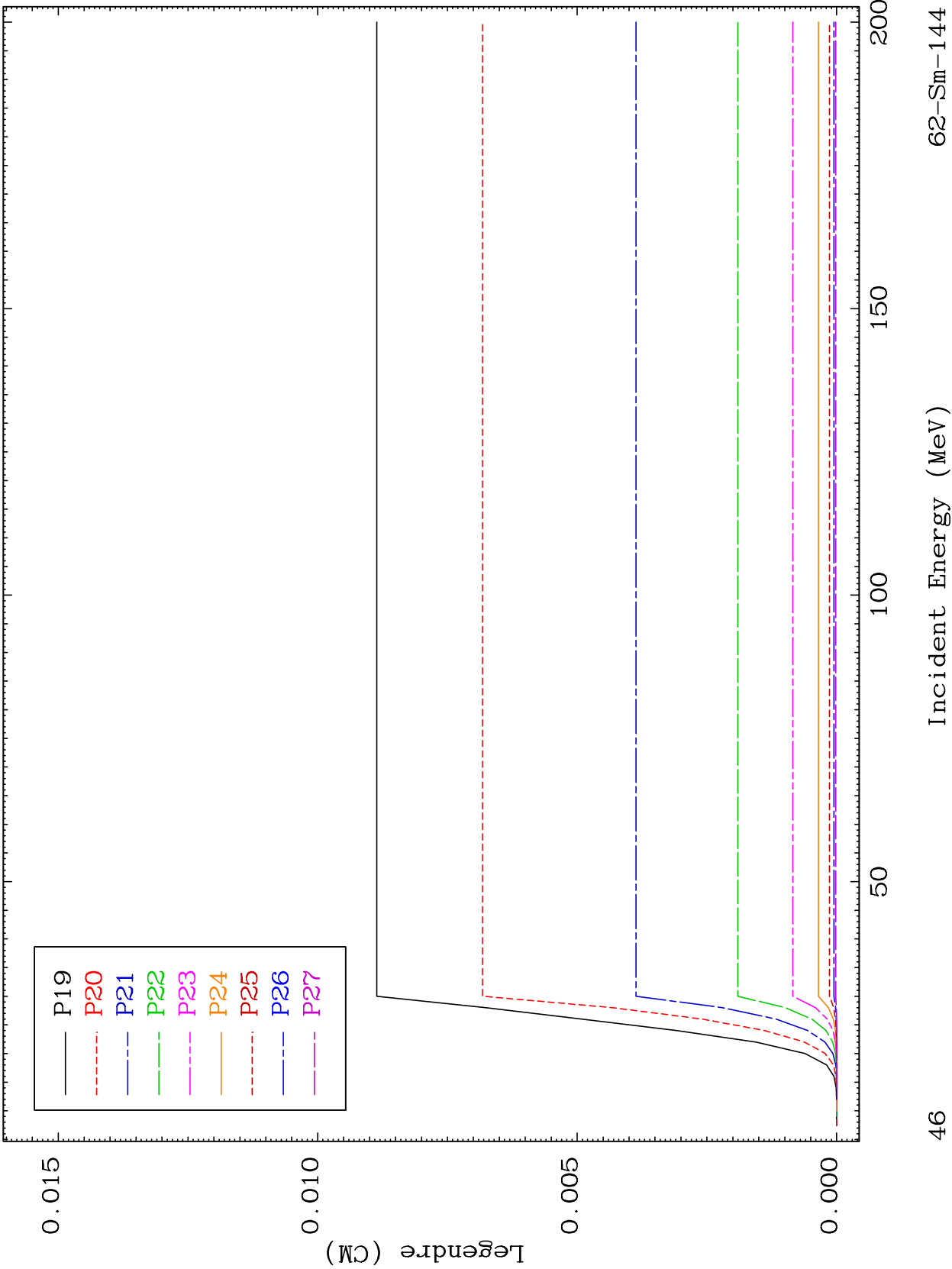
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



46

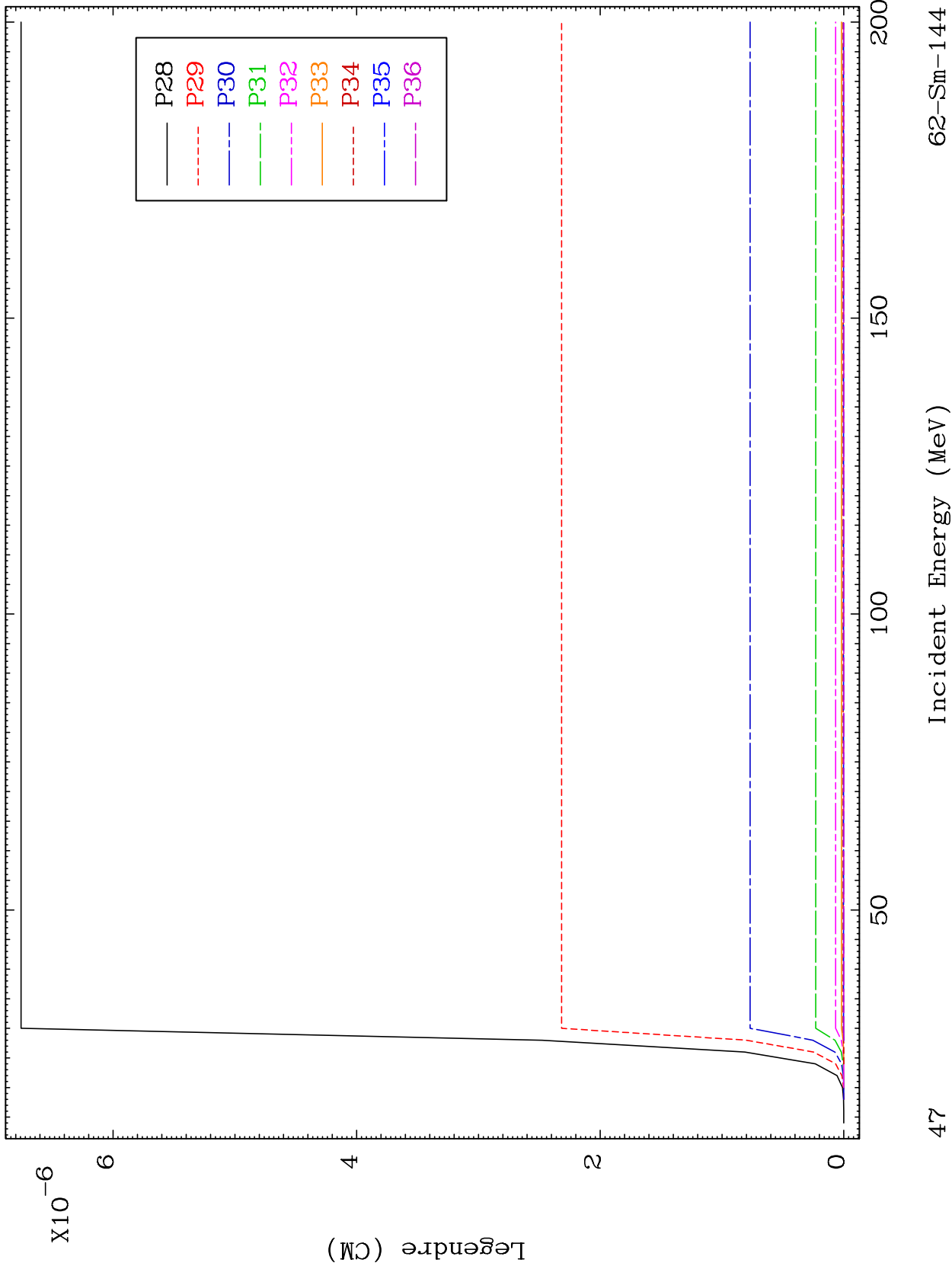
Incident Energy (MeV)

62-Sm-144

MAT 6225

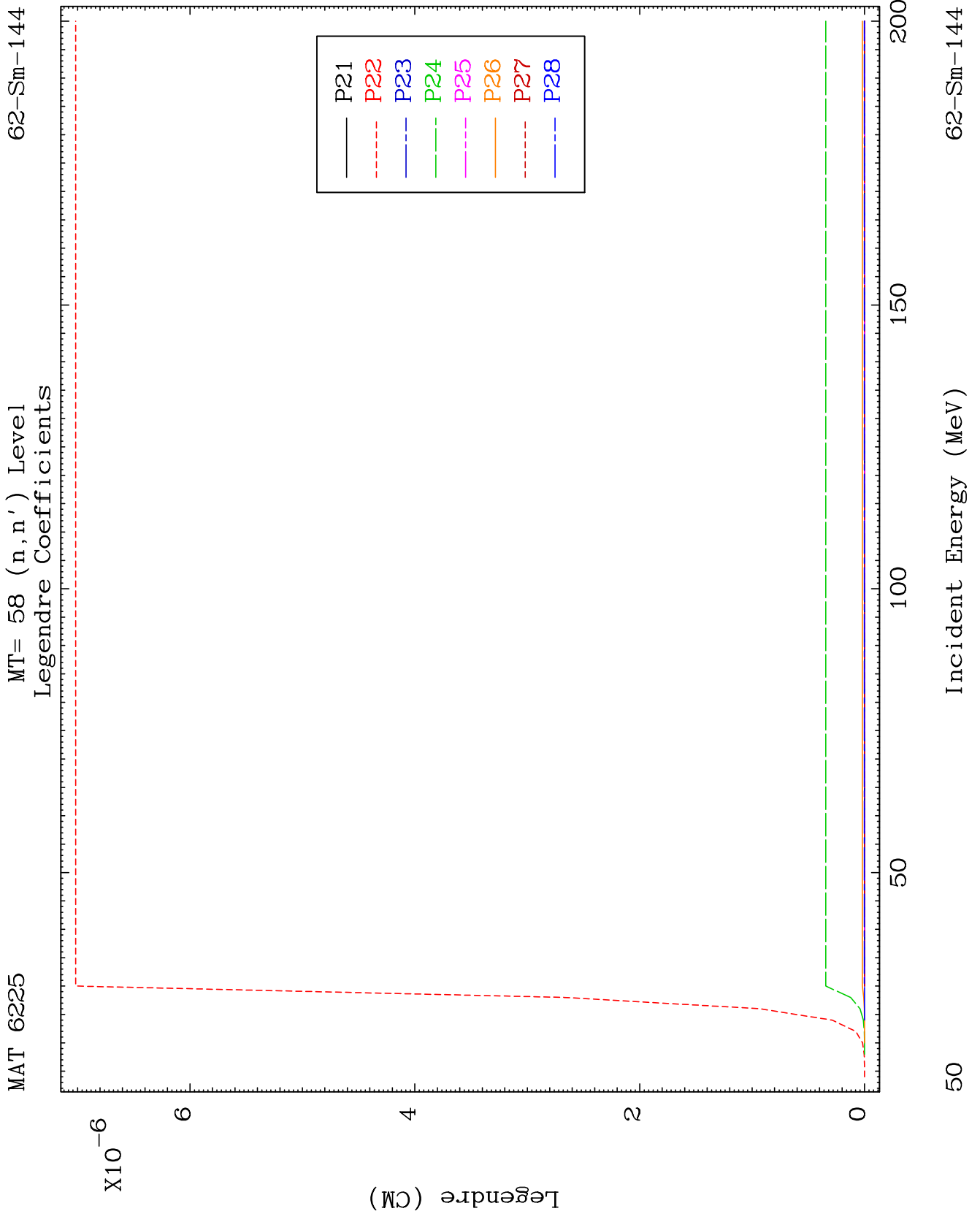
MT= 57 (n,n') Level
Legendre Coefficients

62-Sm-144



47

62-Sm-144

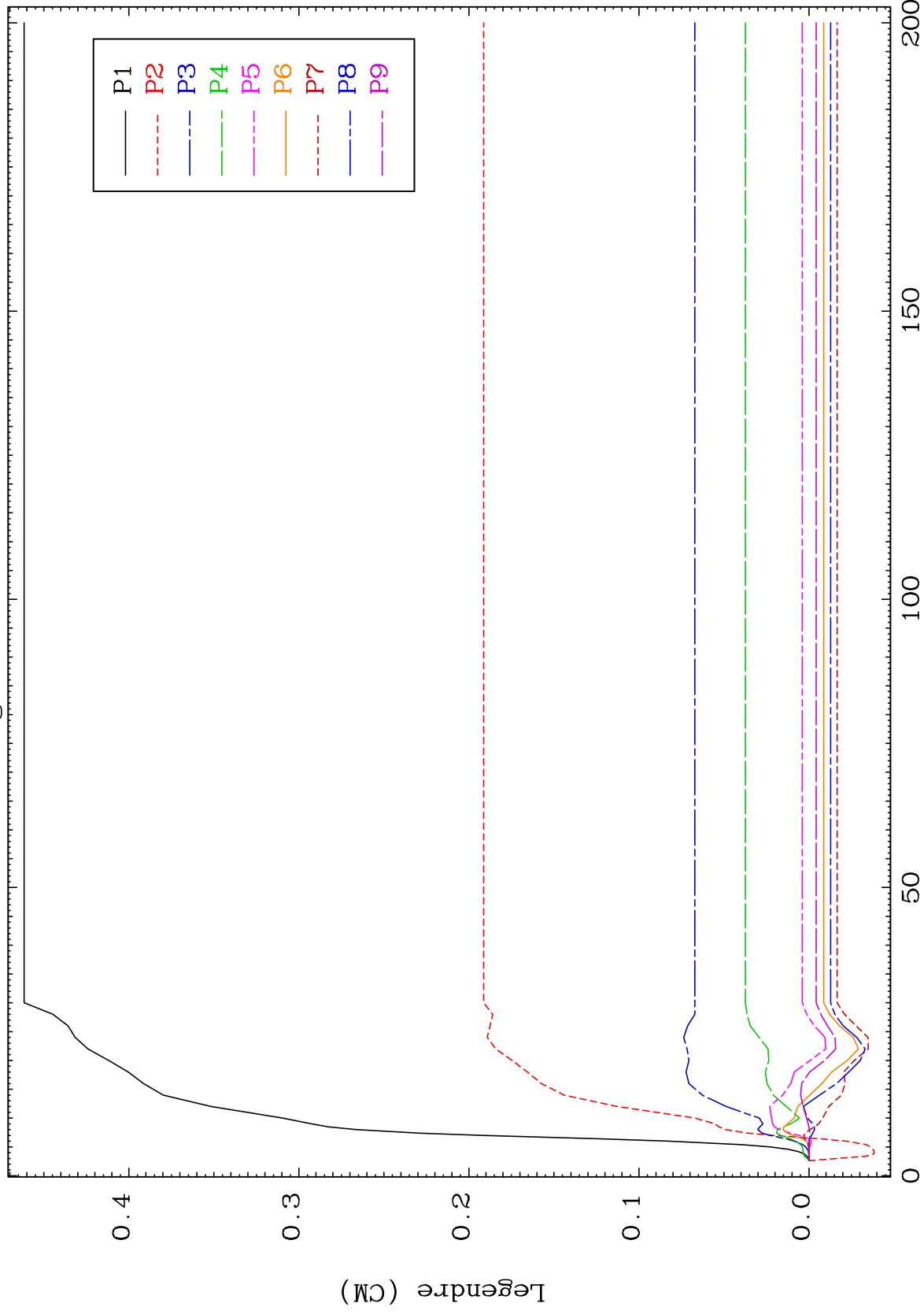


MAT 6225

MT= 59 (n,n') Level

62-Sm-144

Legendre Coefficients



51

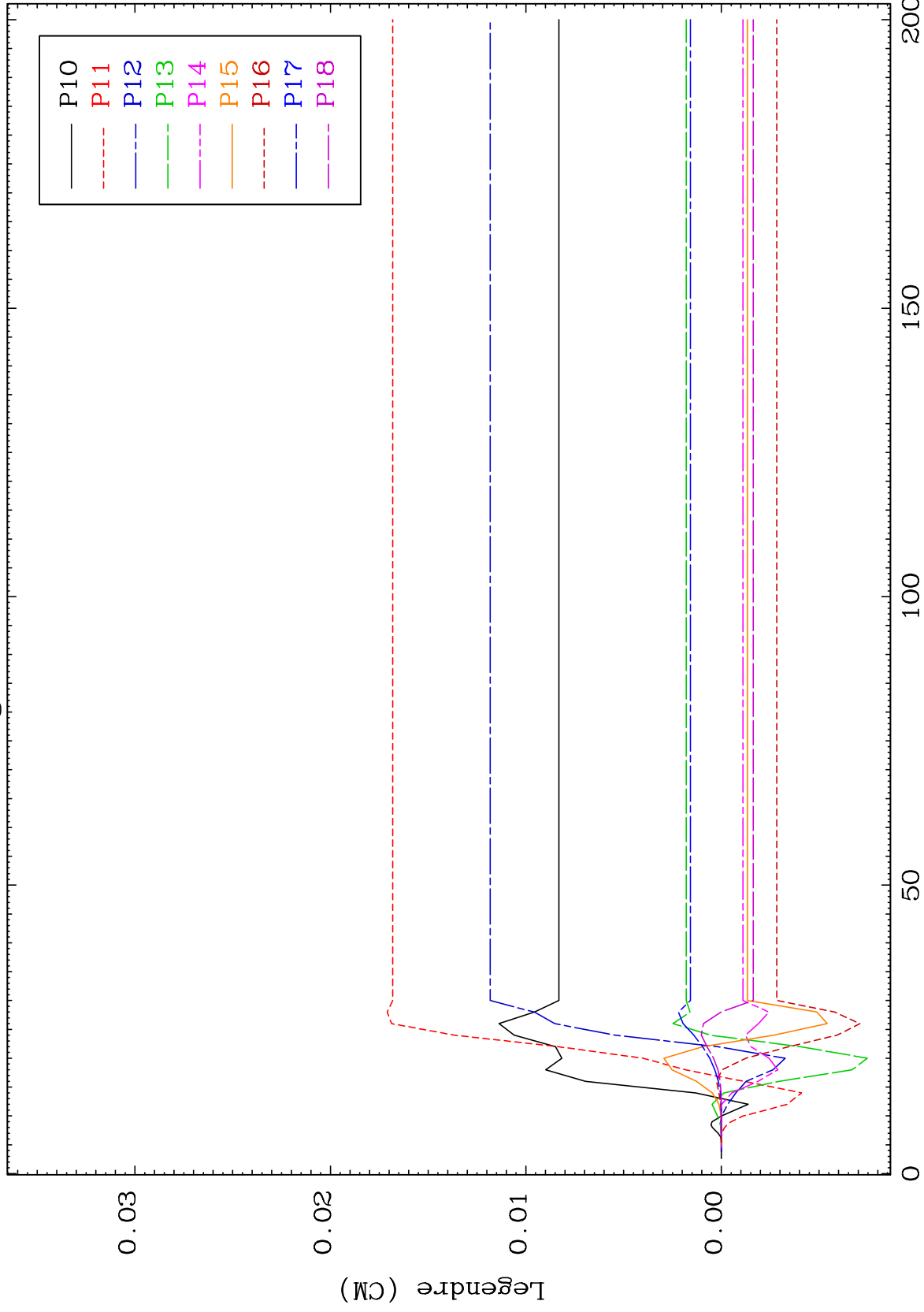
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



52

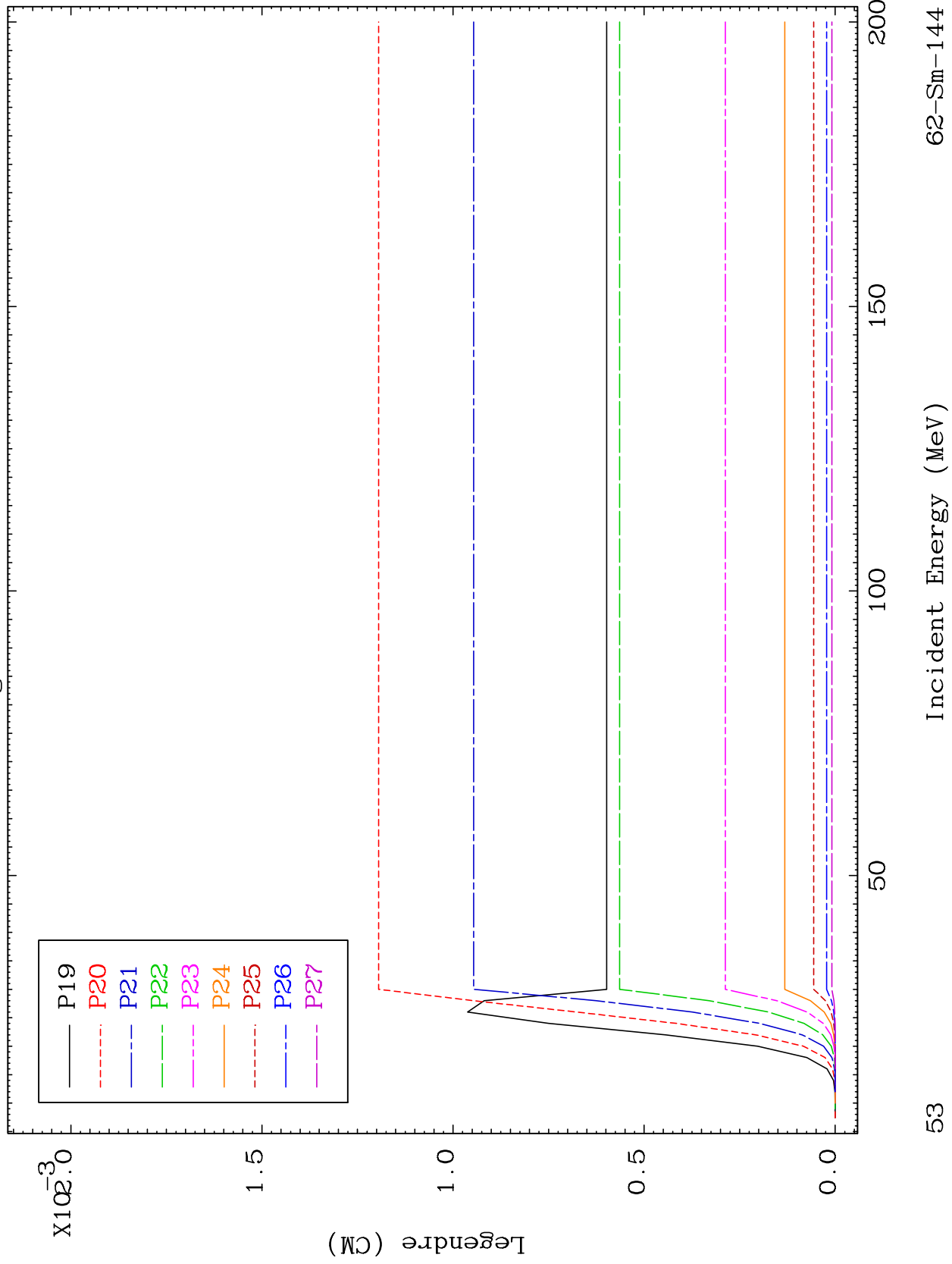
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



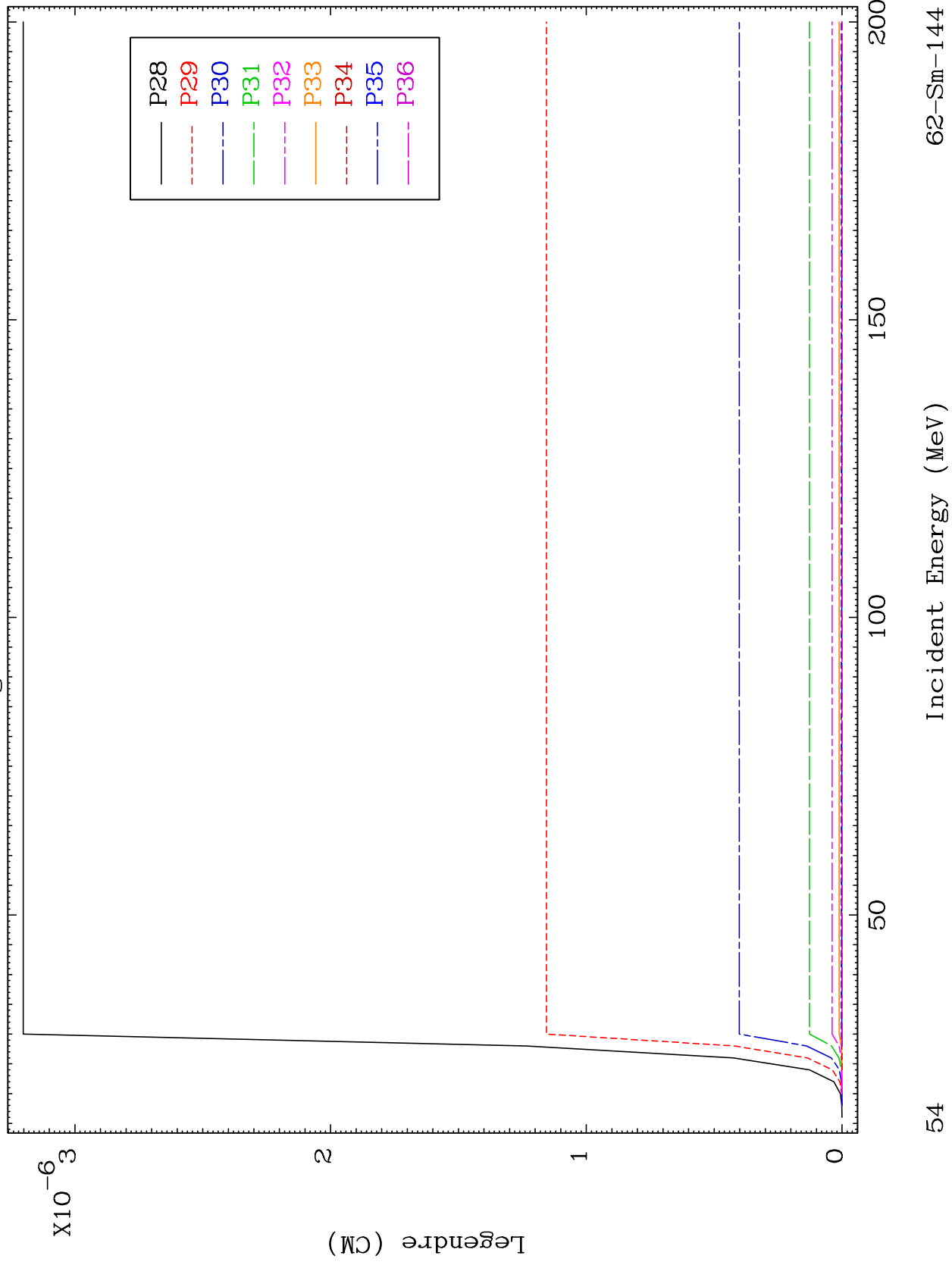
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62-Sm-144

MAT 6225

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

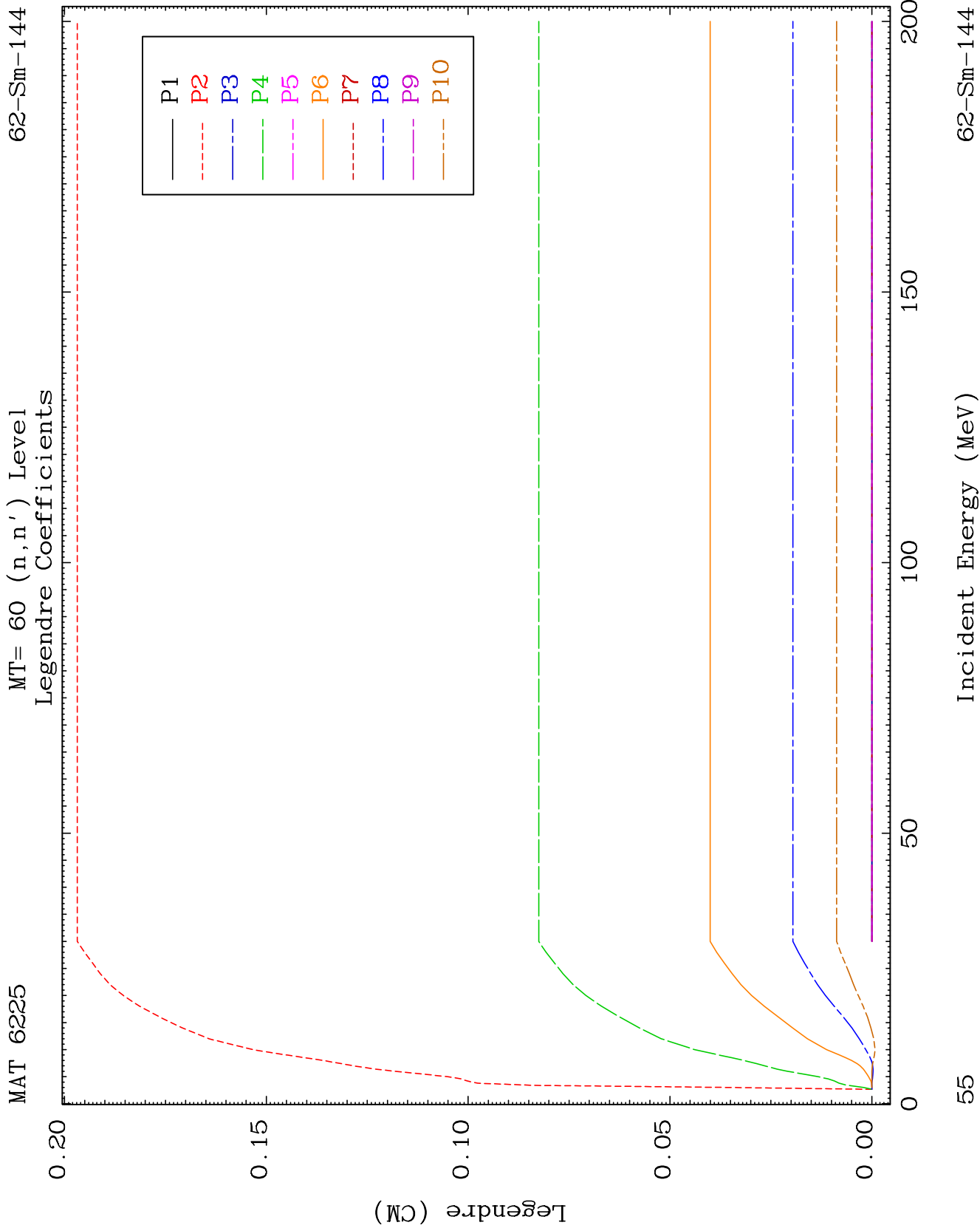
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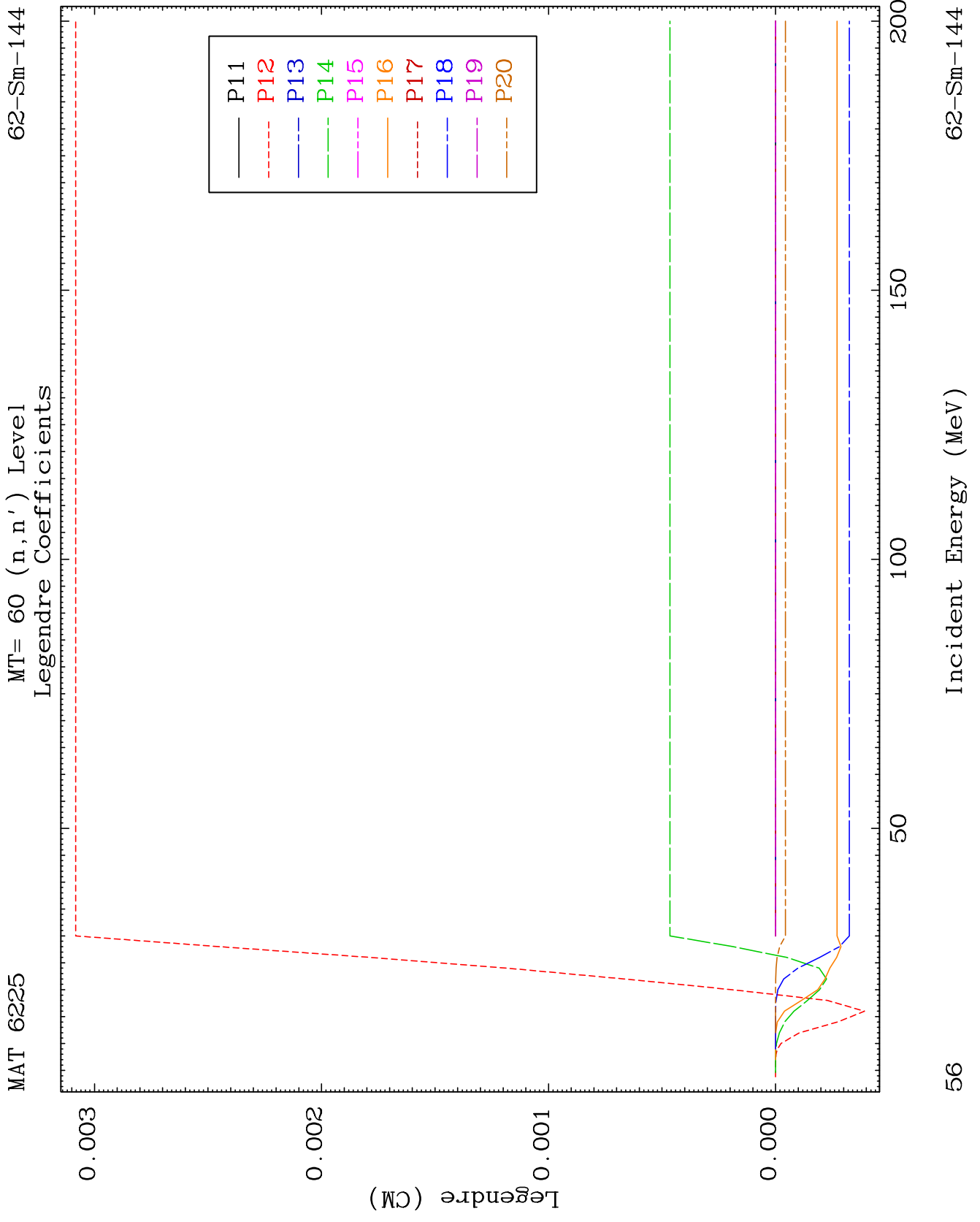


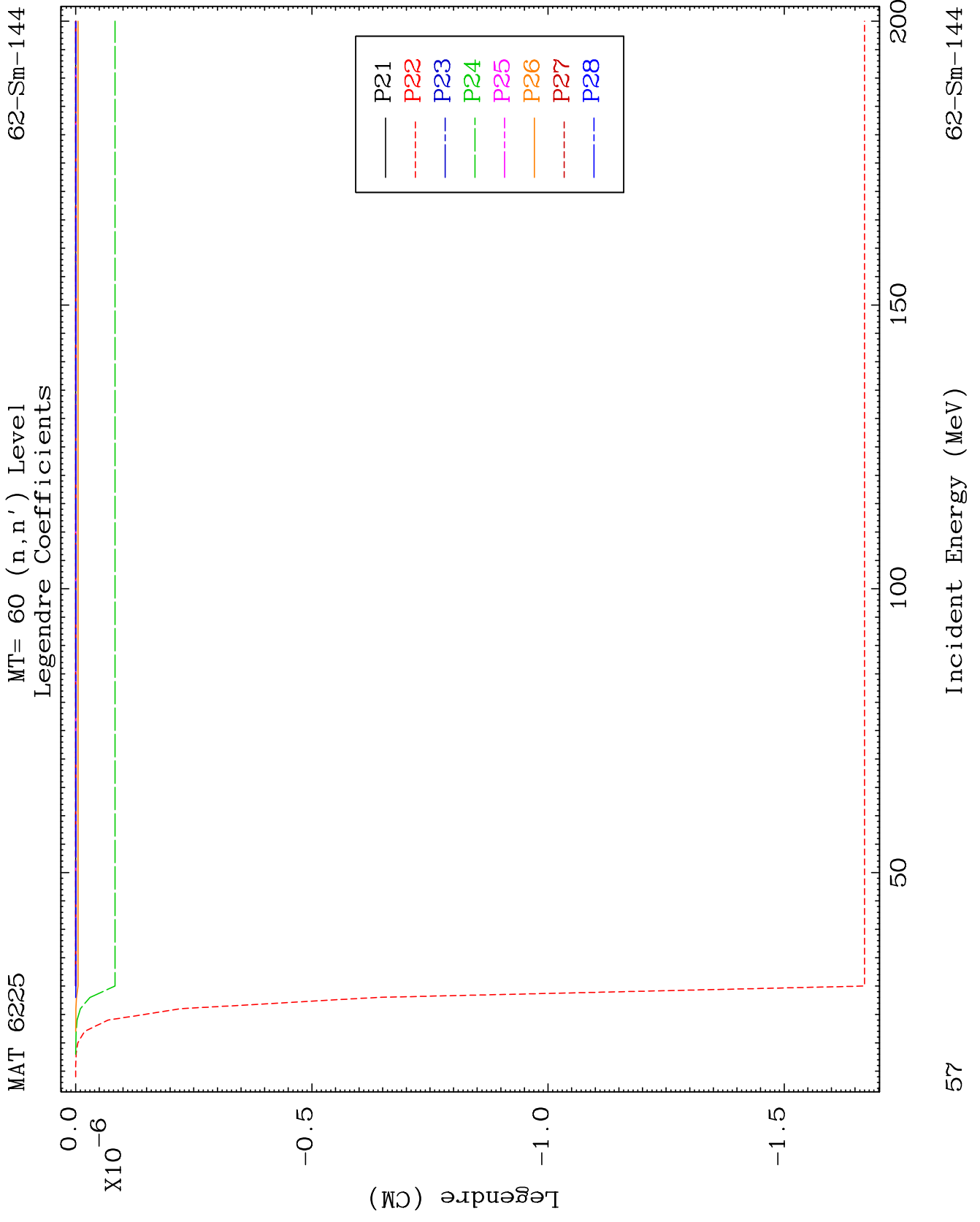
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Incident Energy (MeV)

62-Sm-144



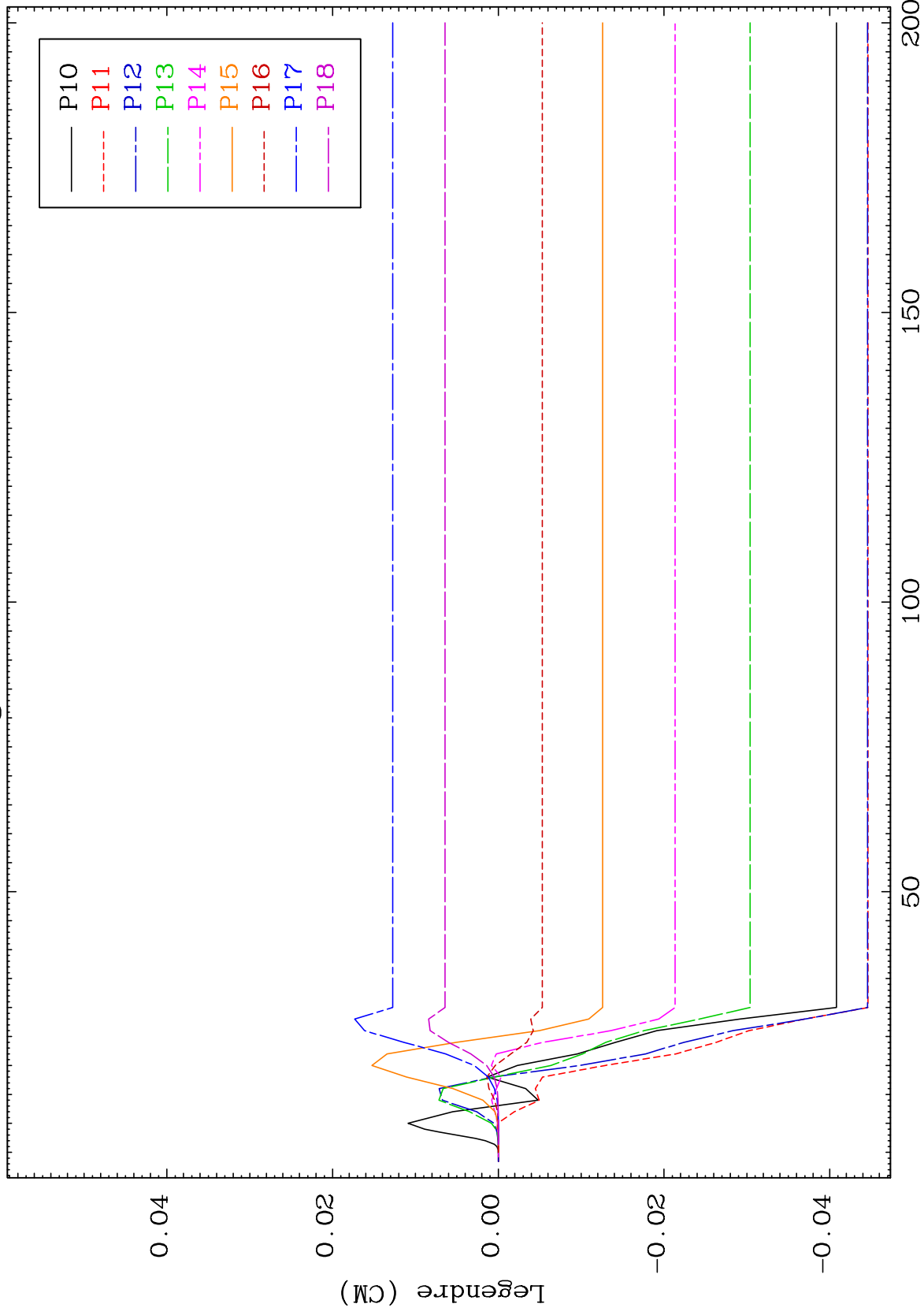




MAT 6225

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

62-Sm-144



59

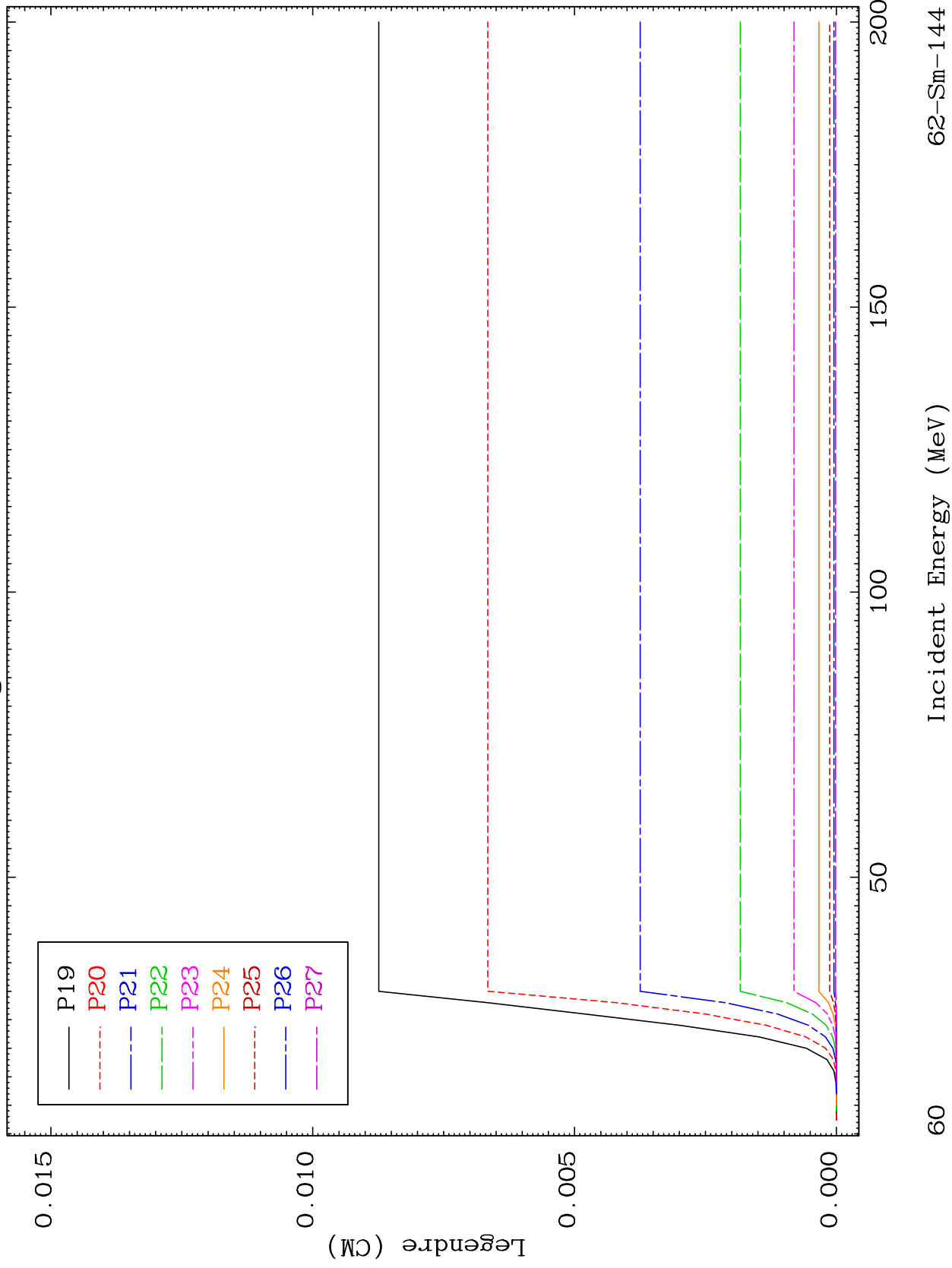
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



60

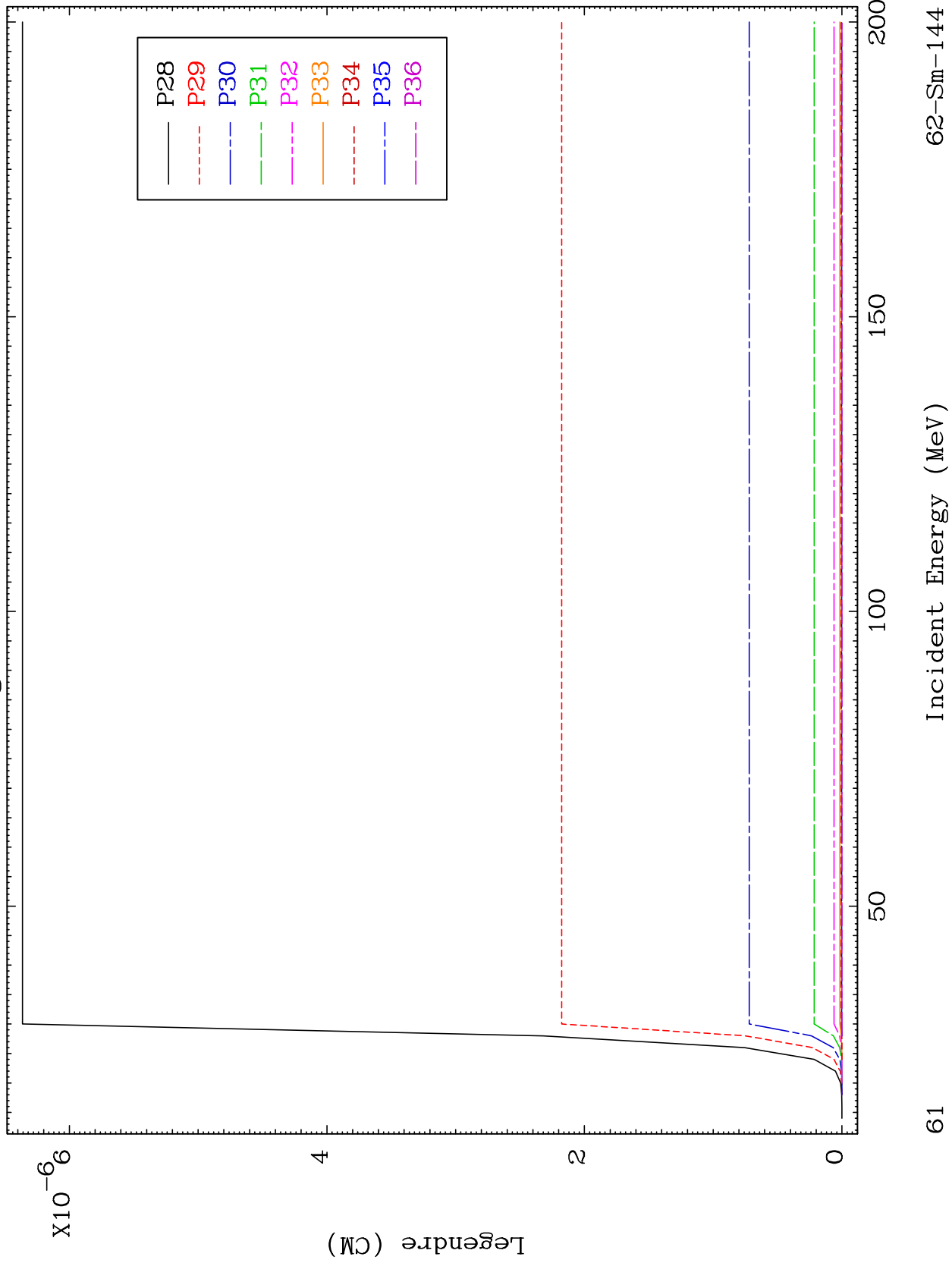
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



61

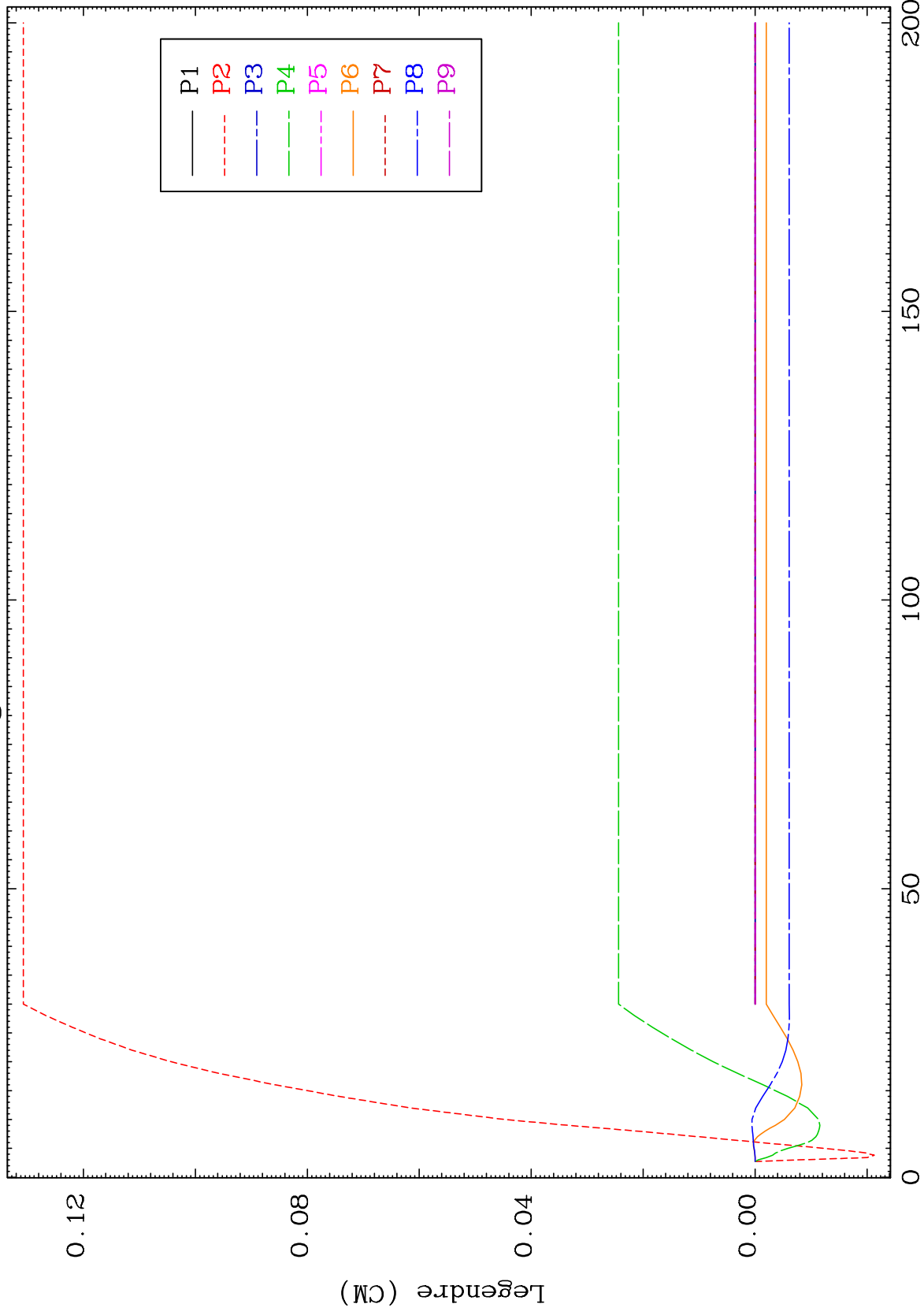
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



62-Sm-144

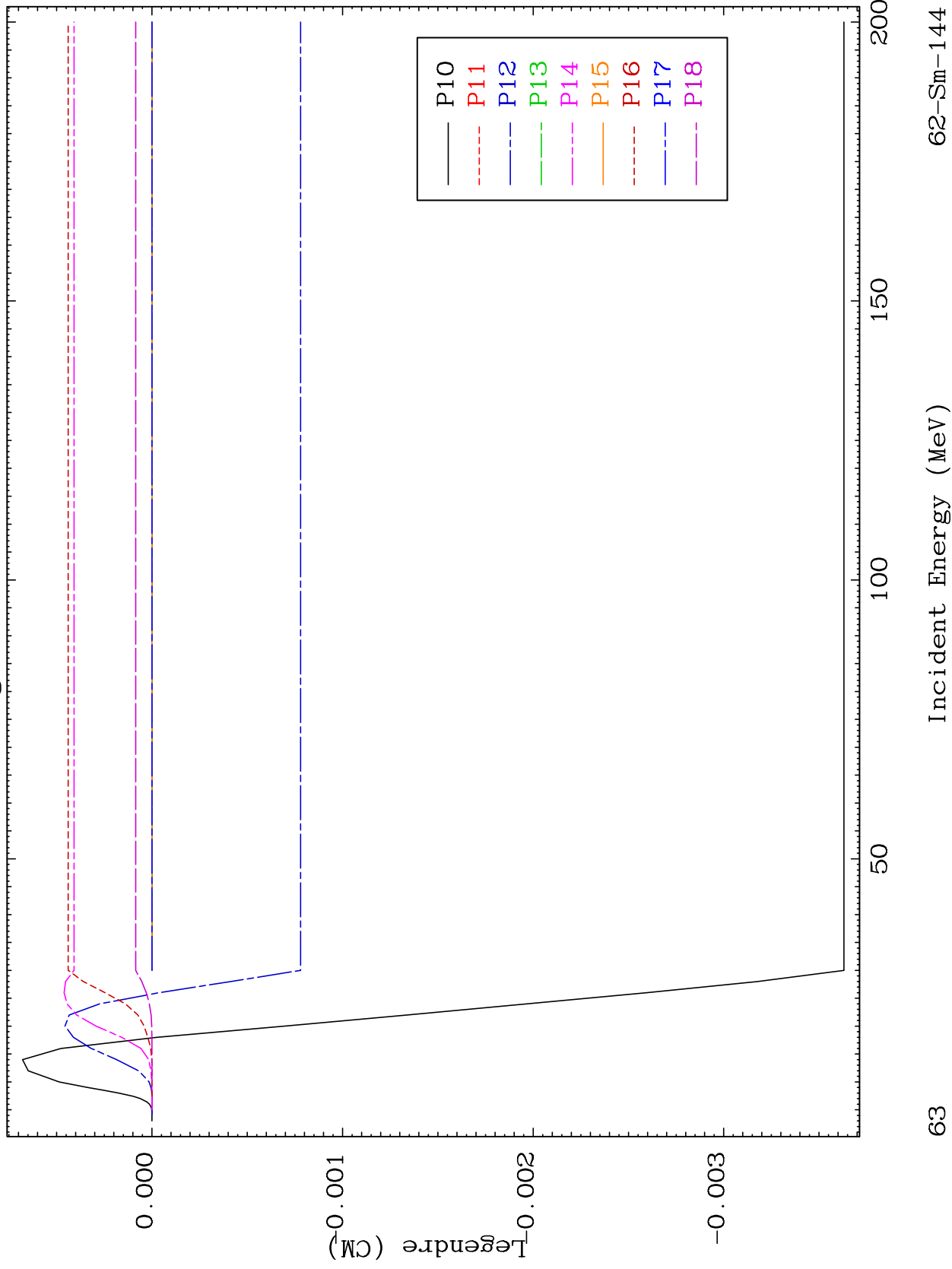
Incident Energy (MeV)

62

MAT 6225

62-Sm-144

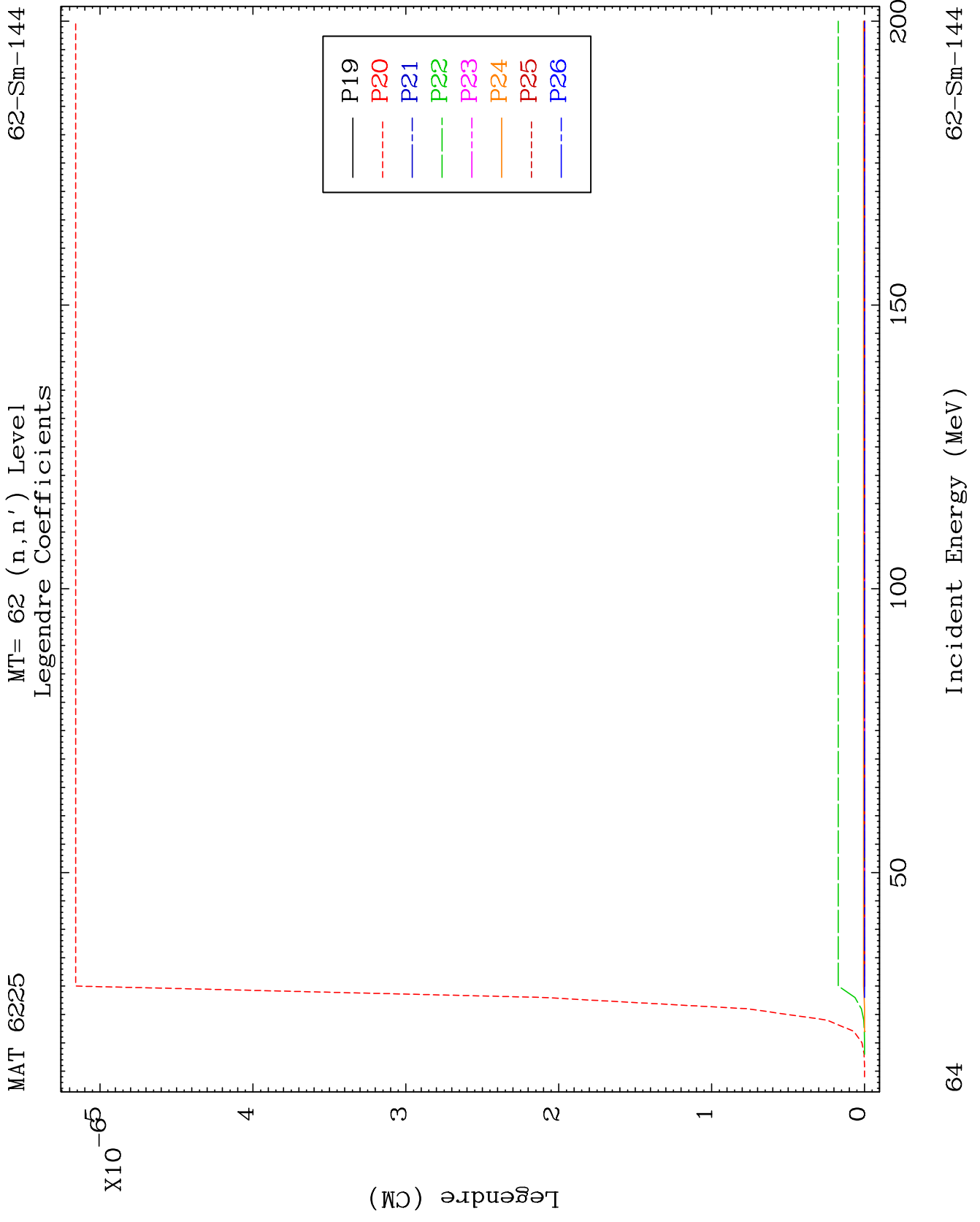
MT= 62 (n,n') Level
Legendre Coefficients

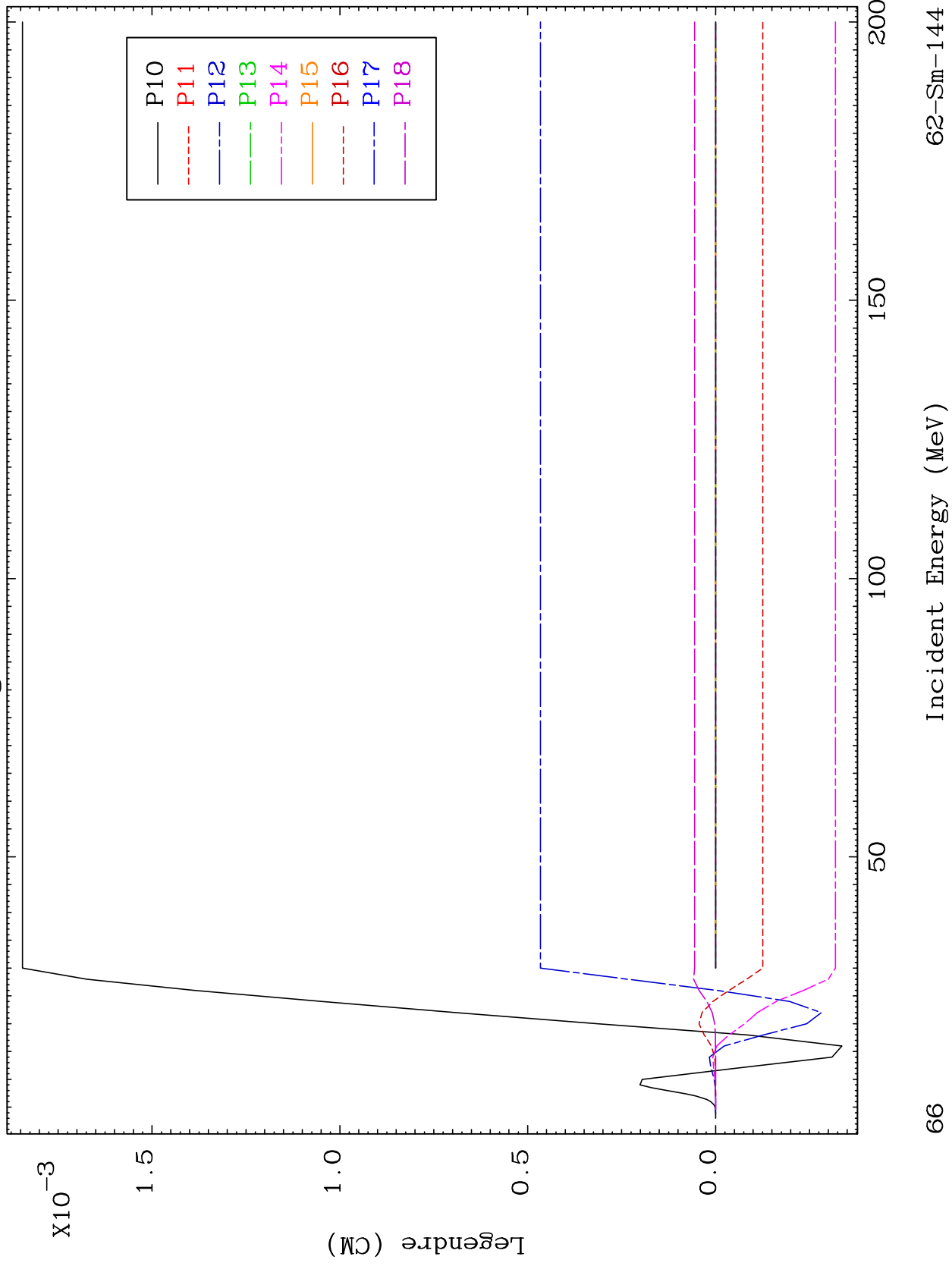


63

62-Sm-144

Incident Energy (MeV)

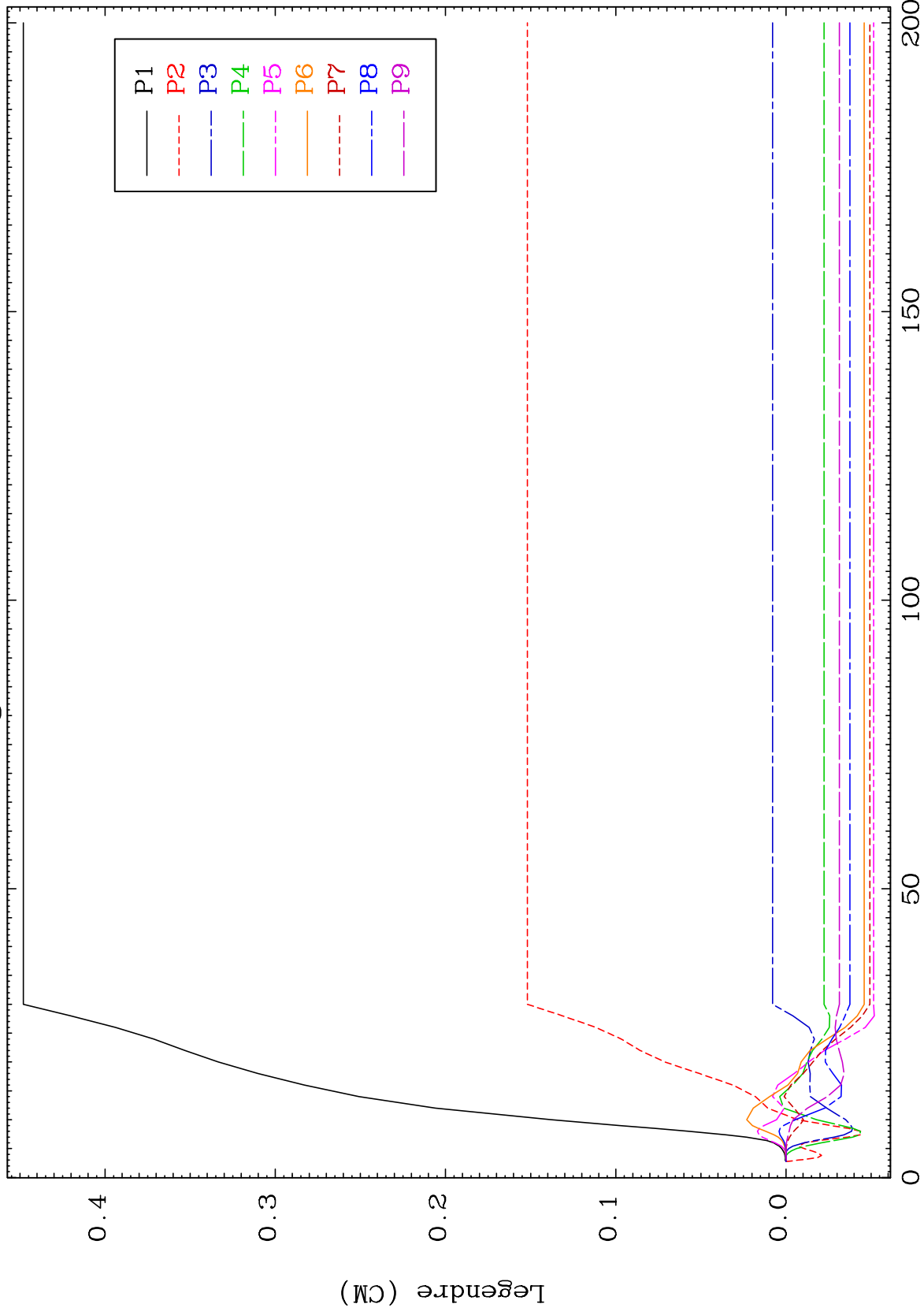




MAT 6225

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

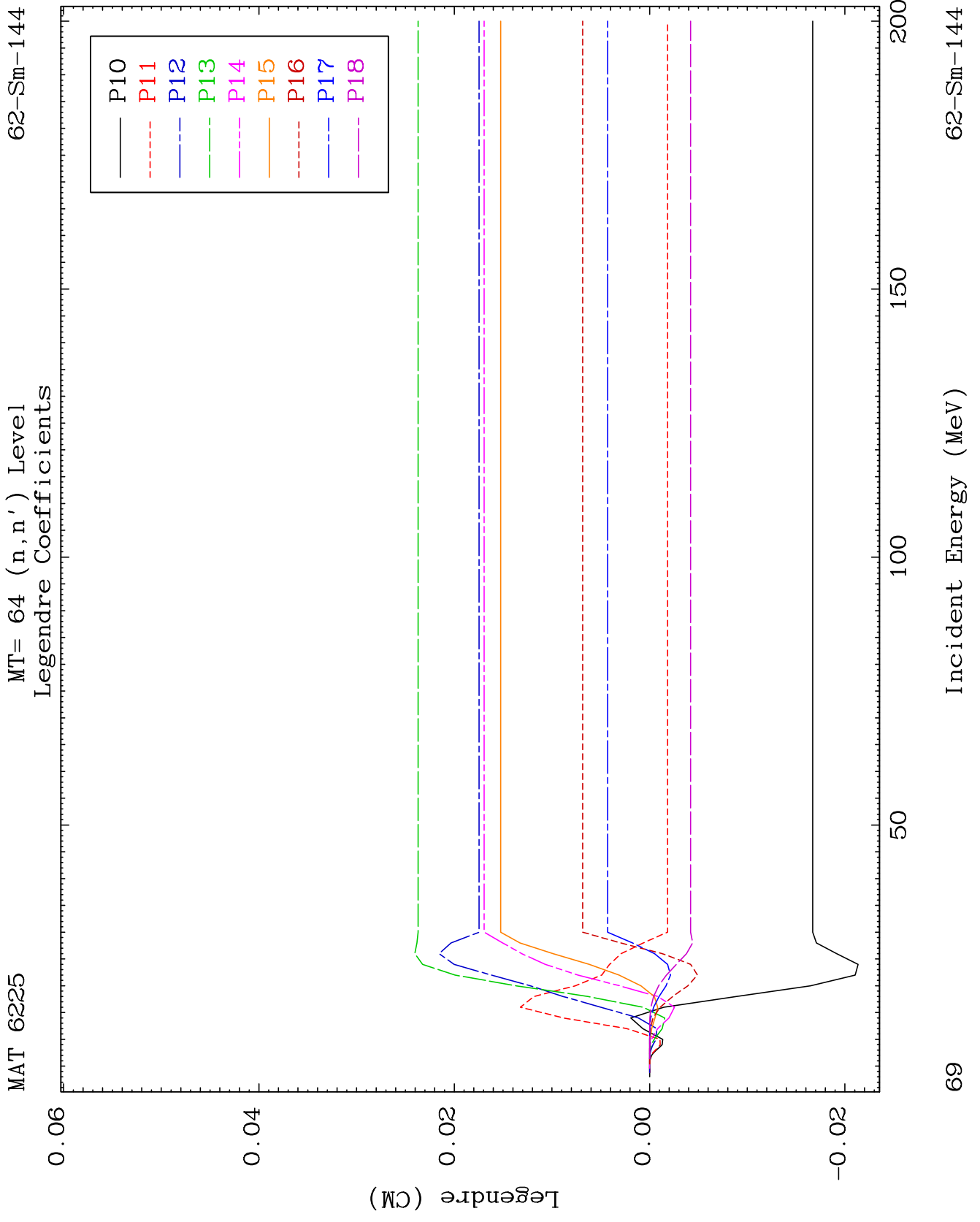
62-Sm-144



68

Incident Energy (MeV)

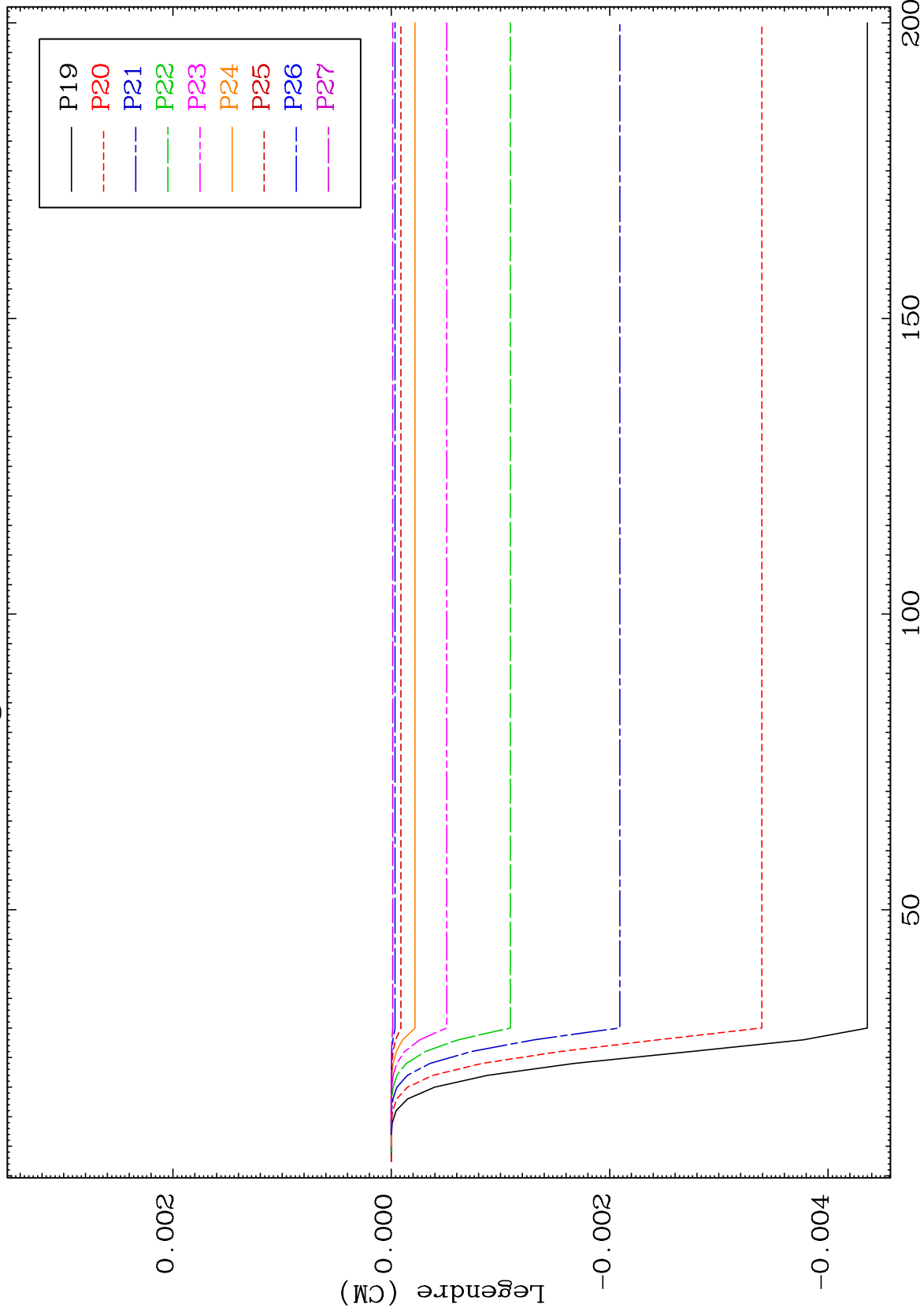
62-Sm-144



MAT 6225

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

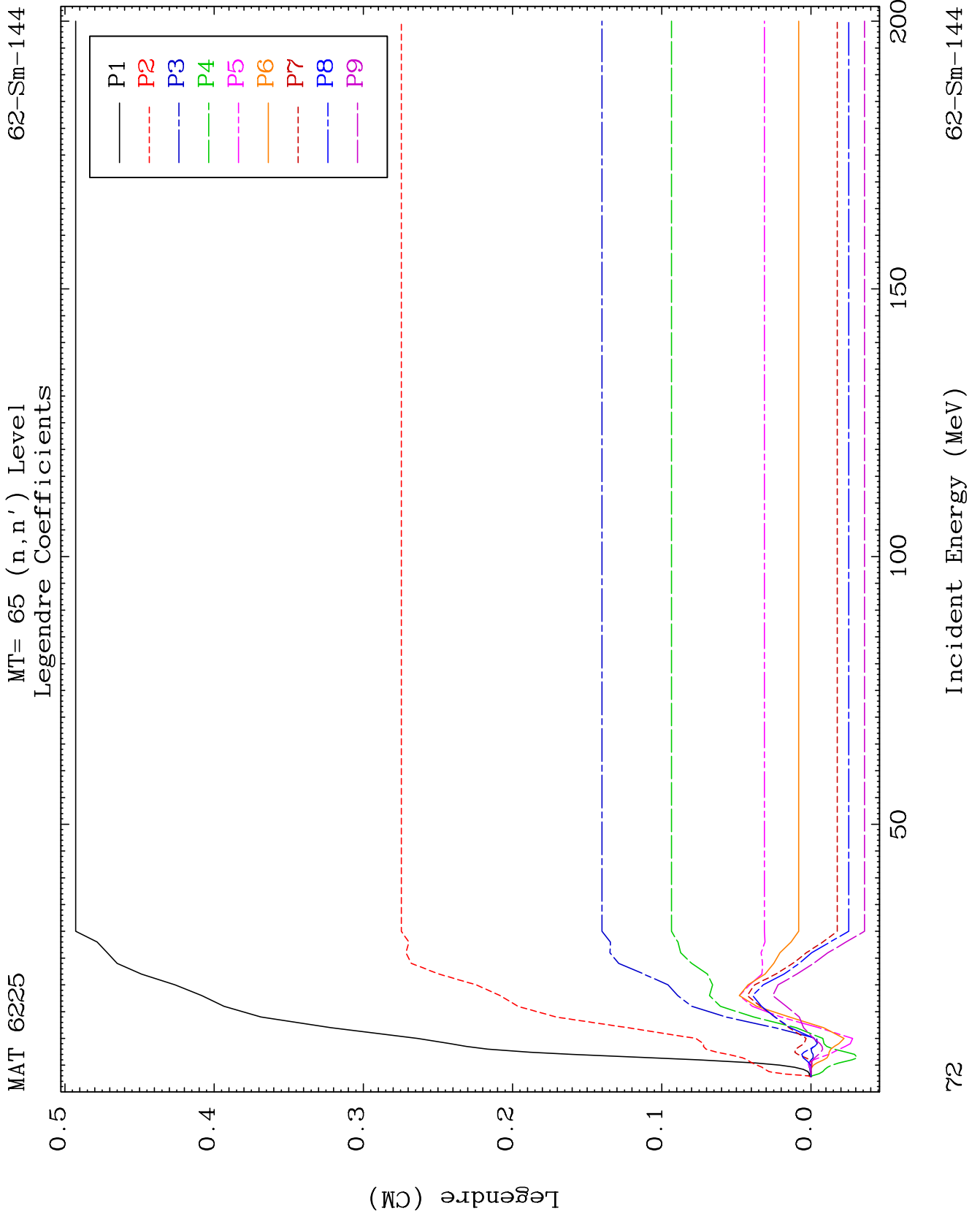
62-Sm-144



70

Incident Energy (MeV)

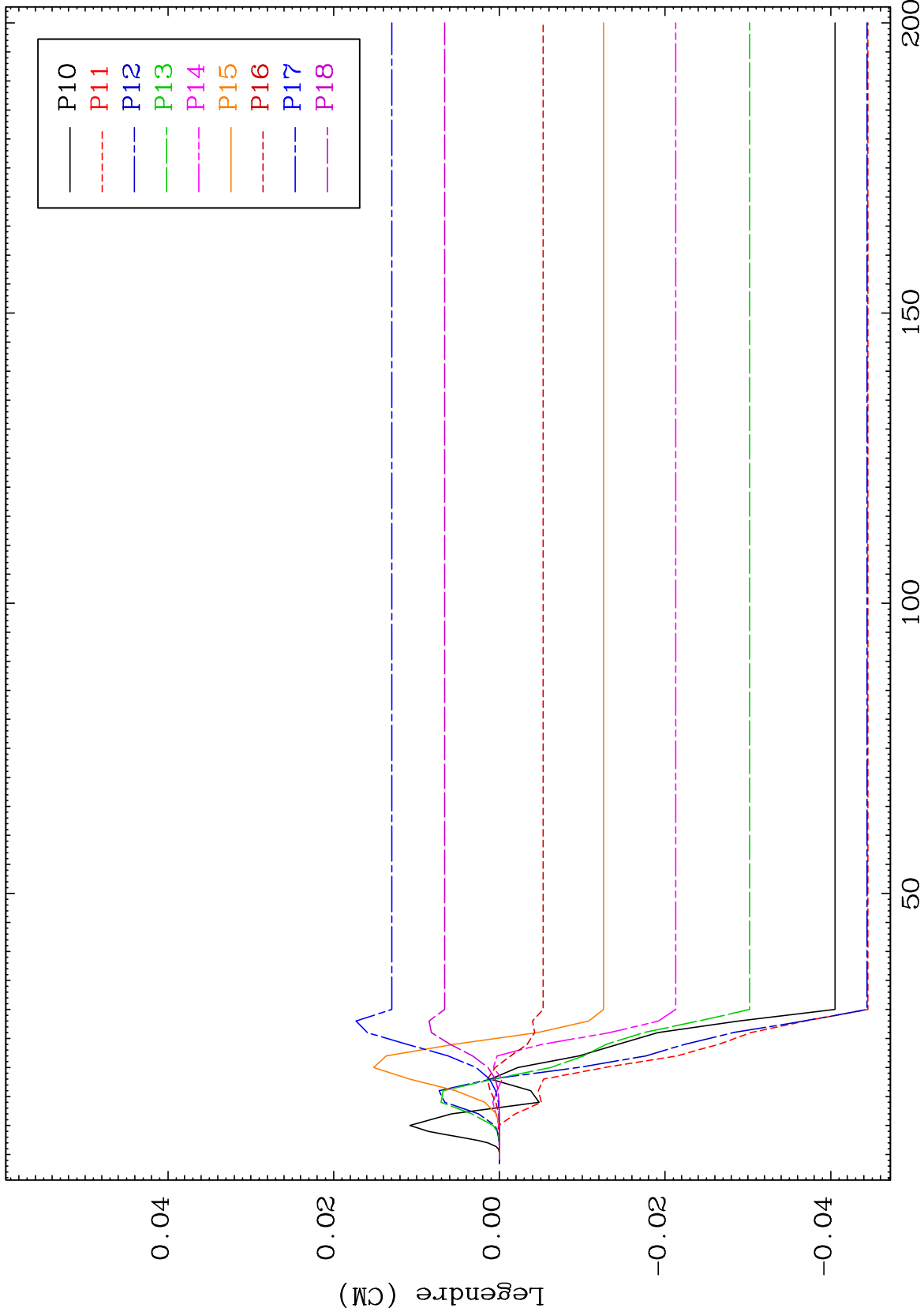
62-Sm-144



MAT 6225

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

62-Sm-144



73

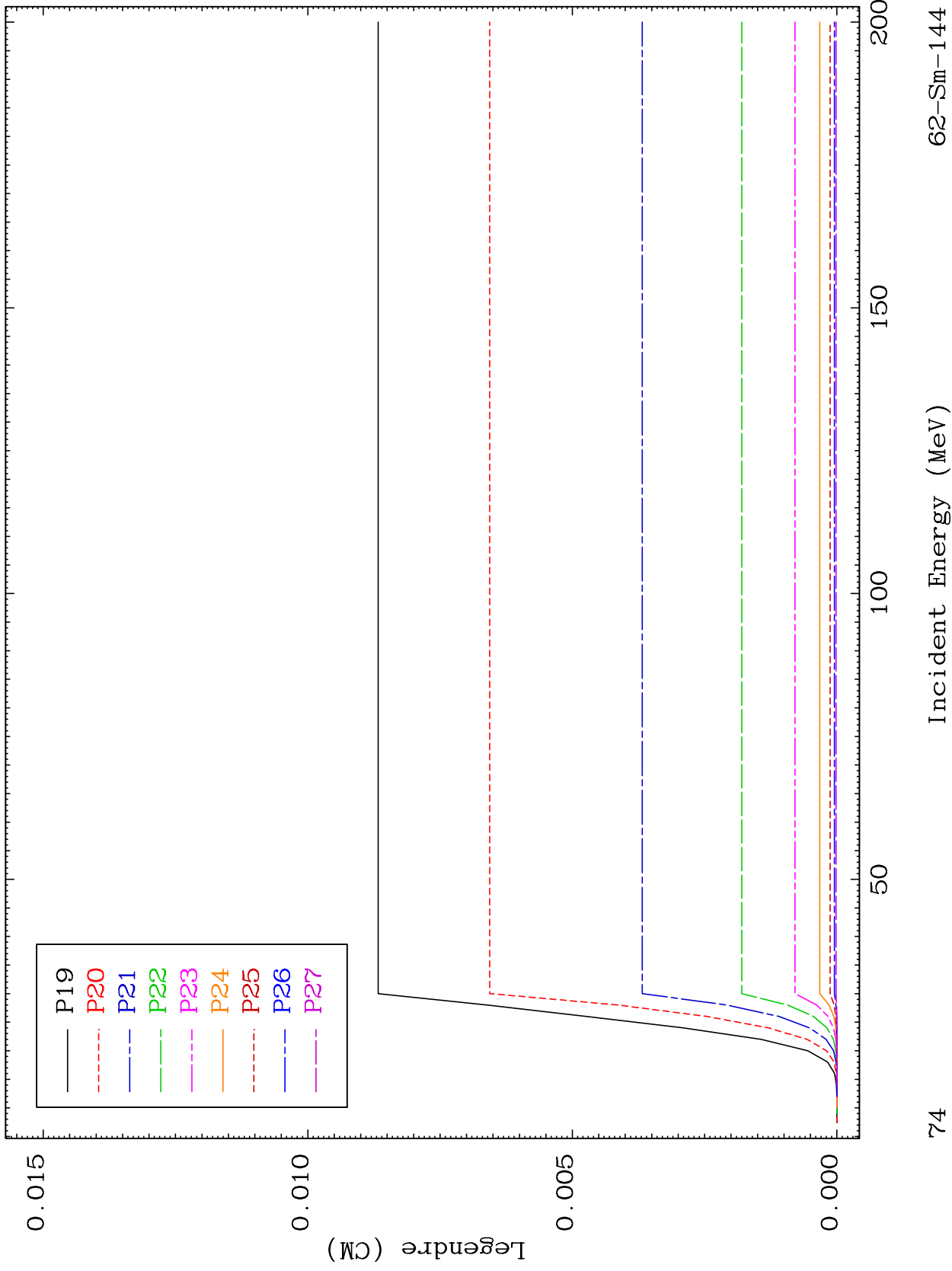
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



74

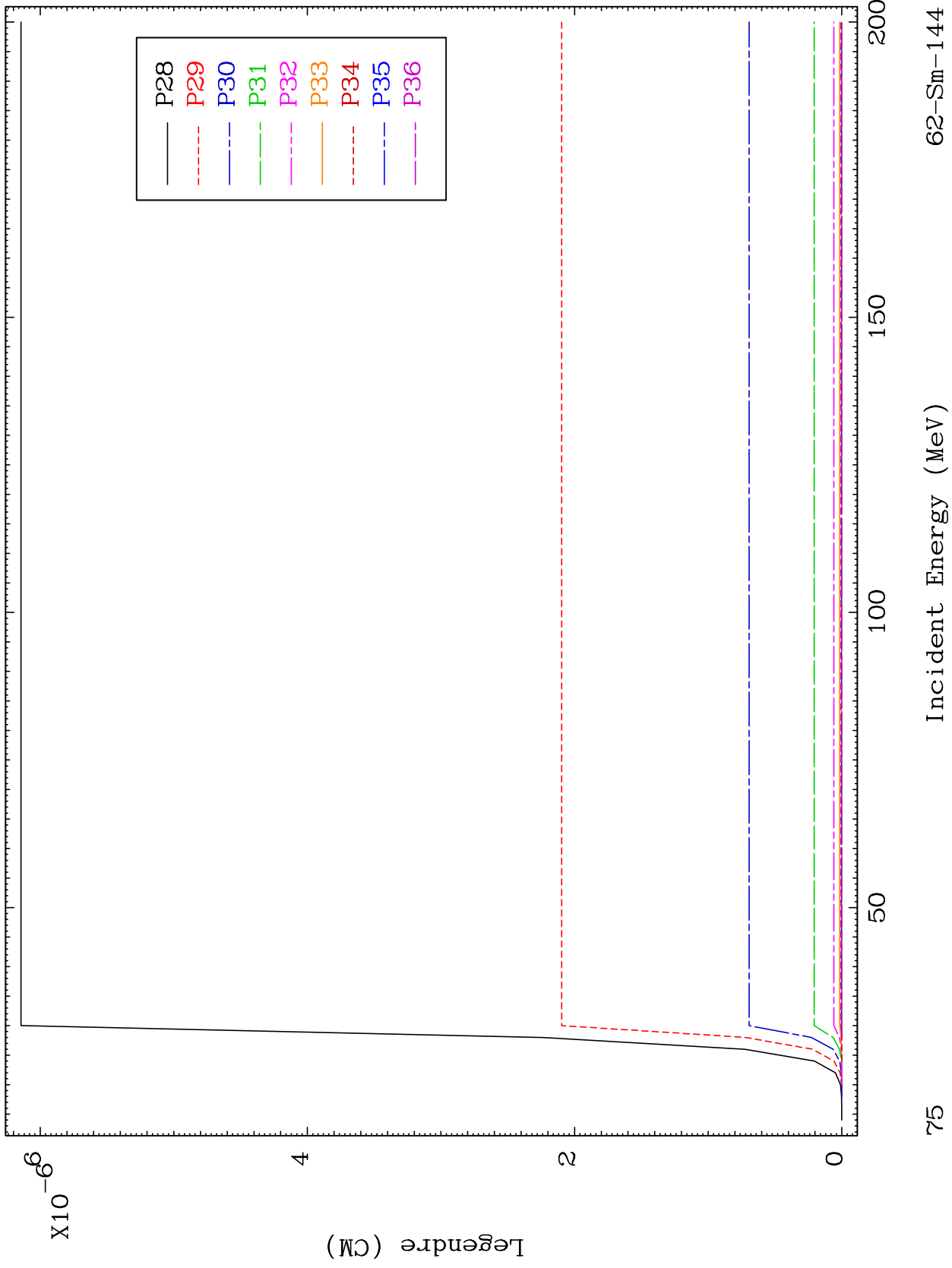
Incident Energy (MeV)

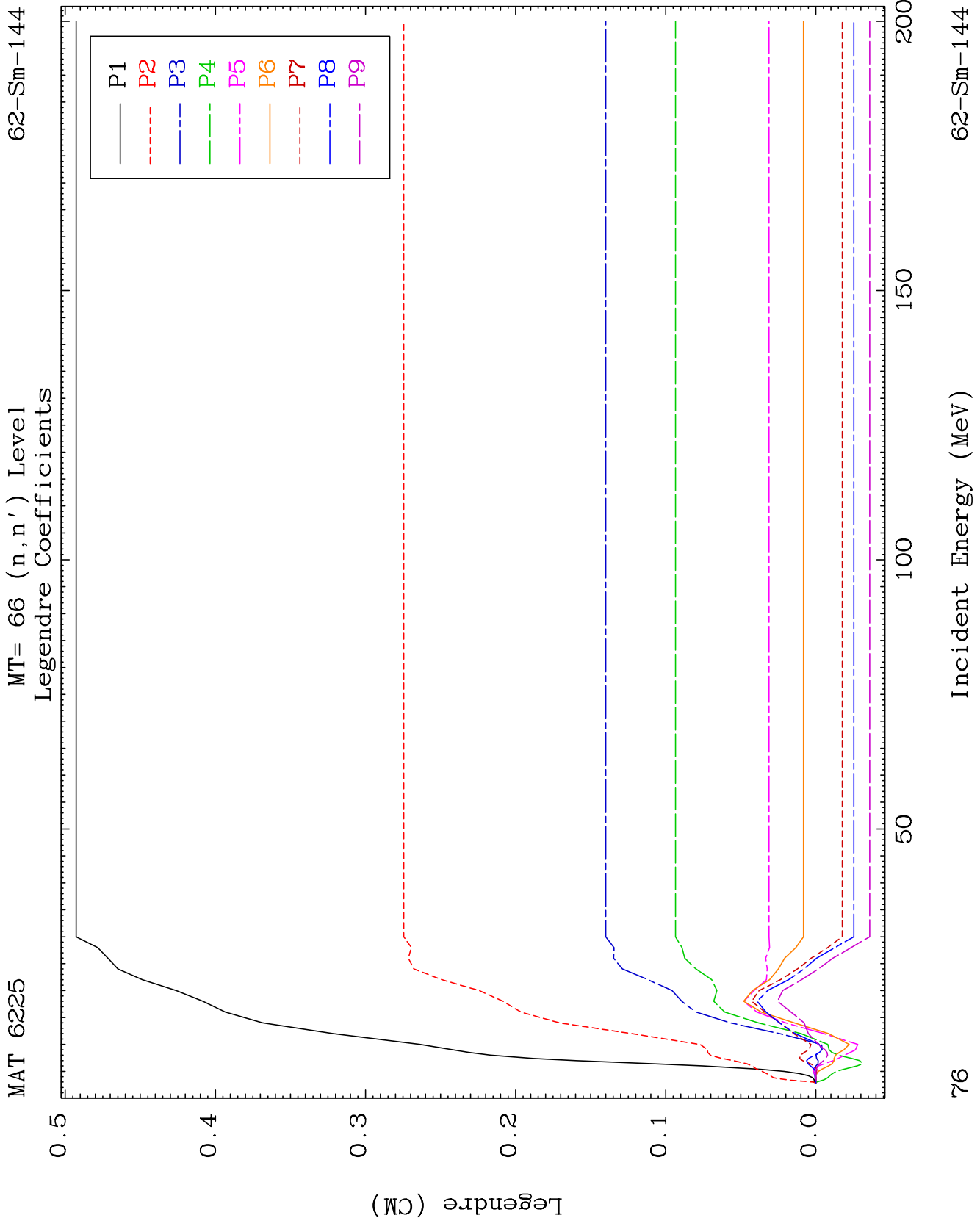
62-Sm-144

MAT 6225

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

62-Sm-144

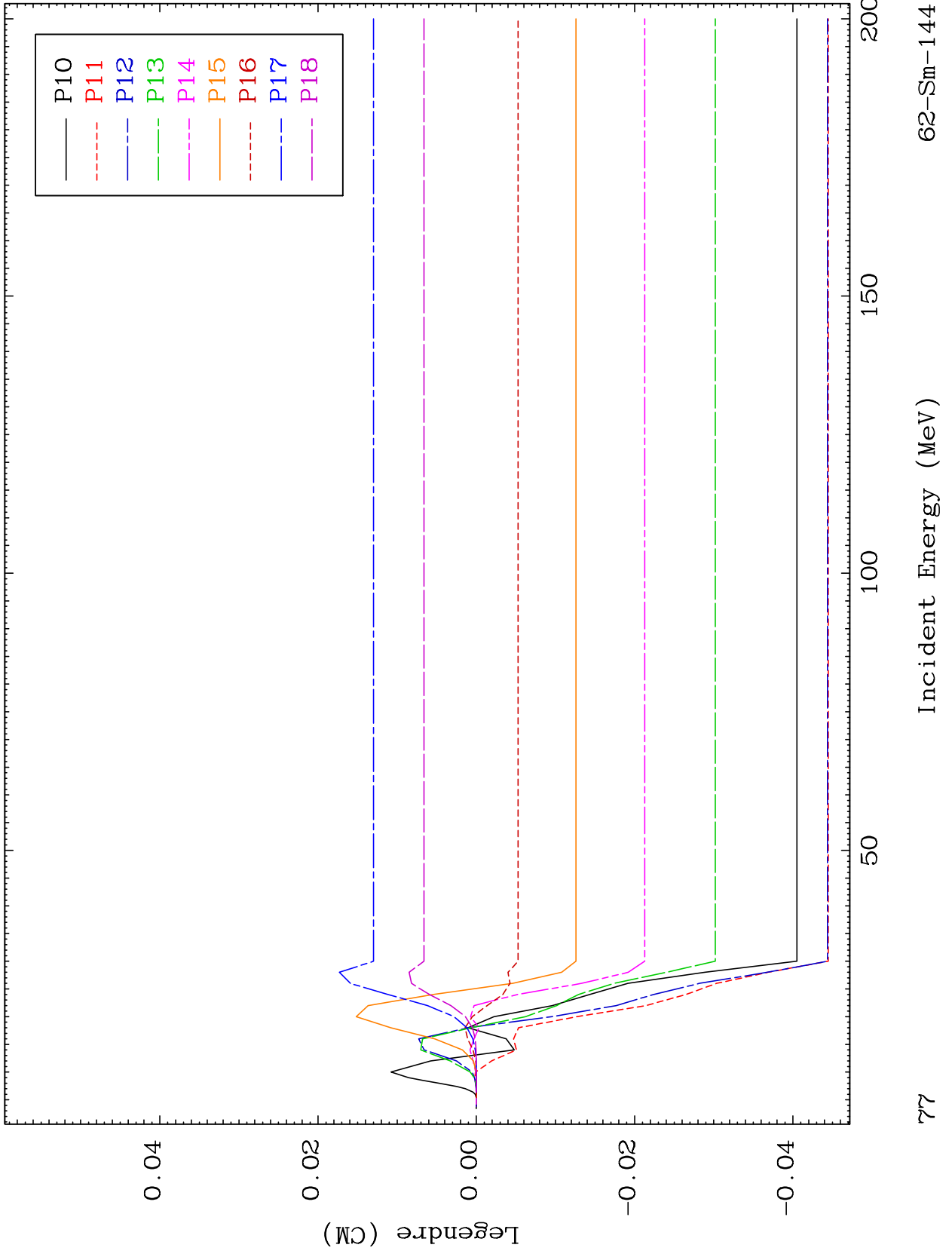




MAT 6225

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

62-Sm-144



77

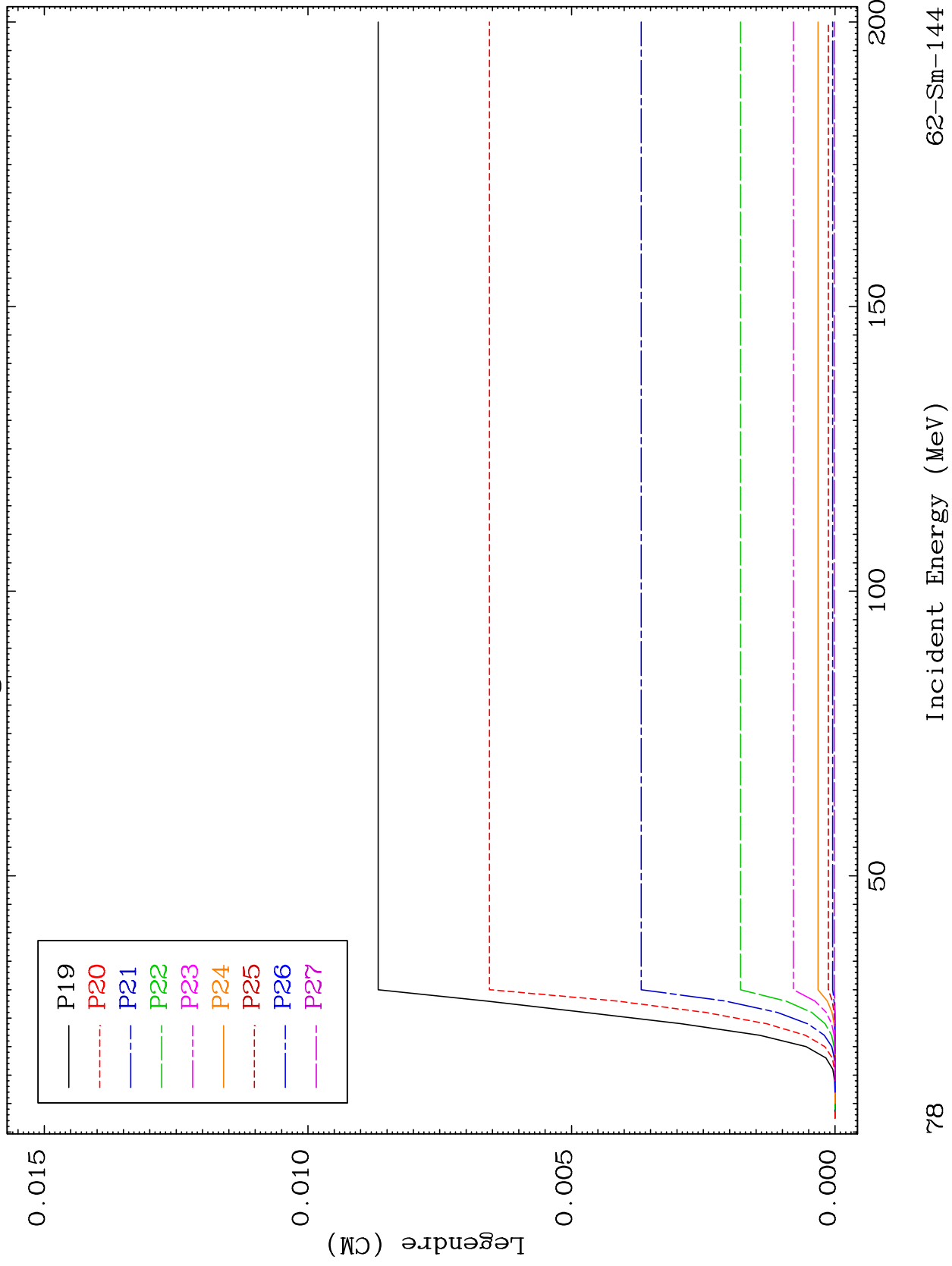
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



78

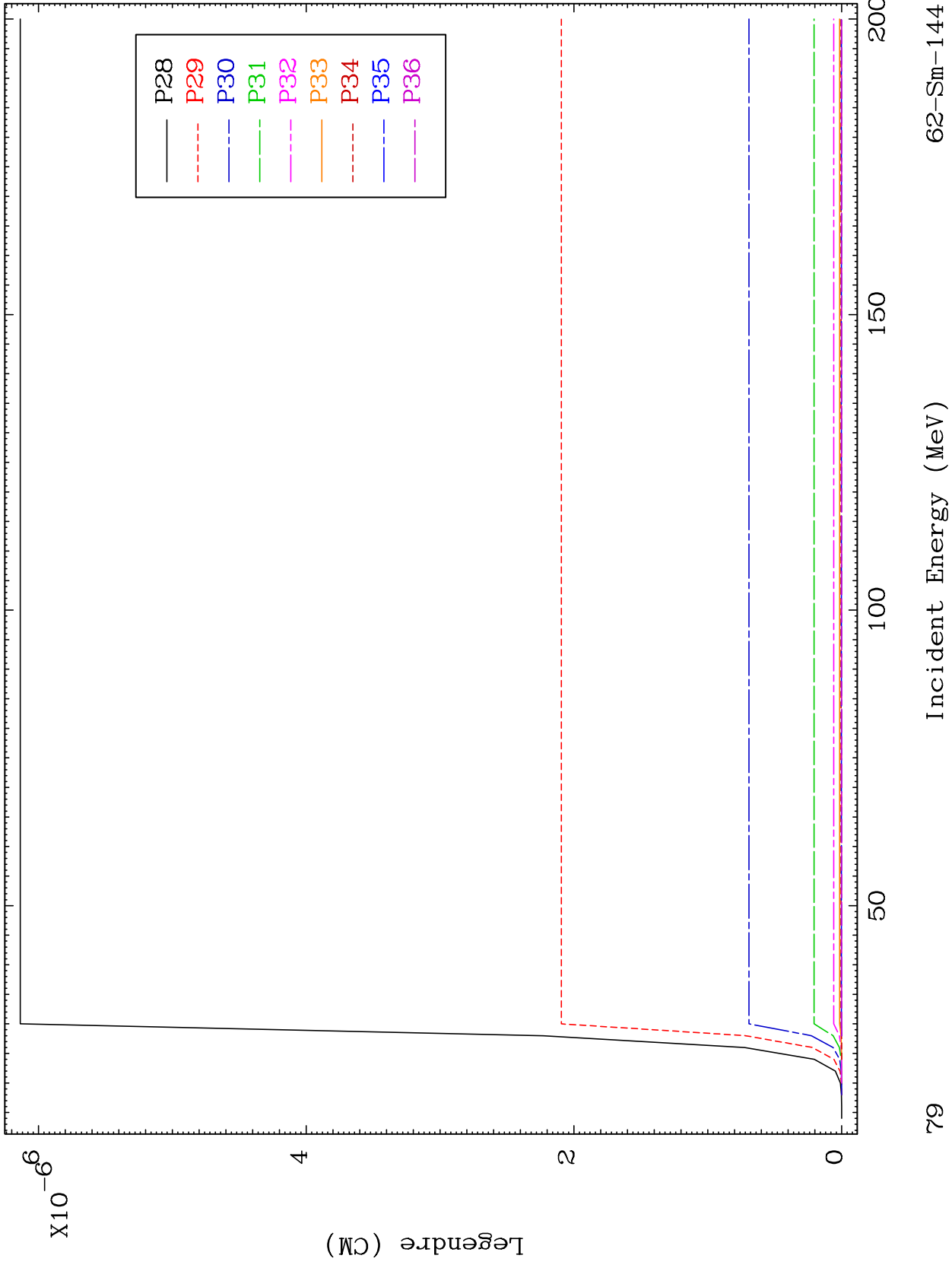
Incident Energy (MeV)

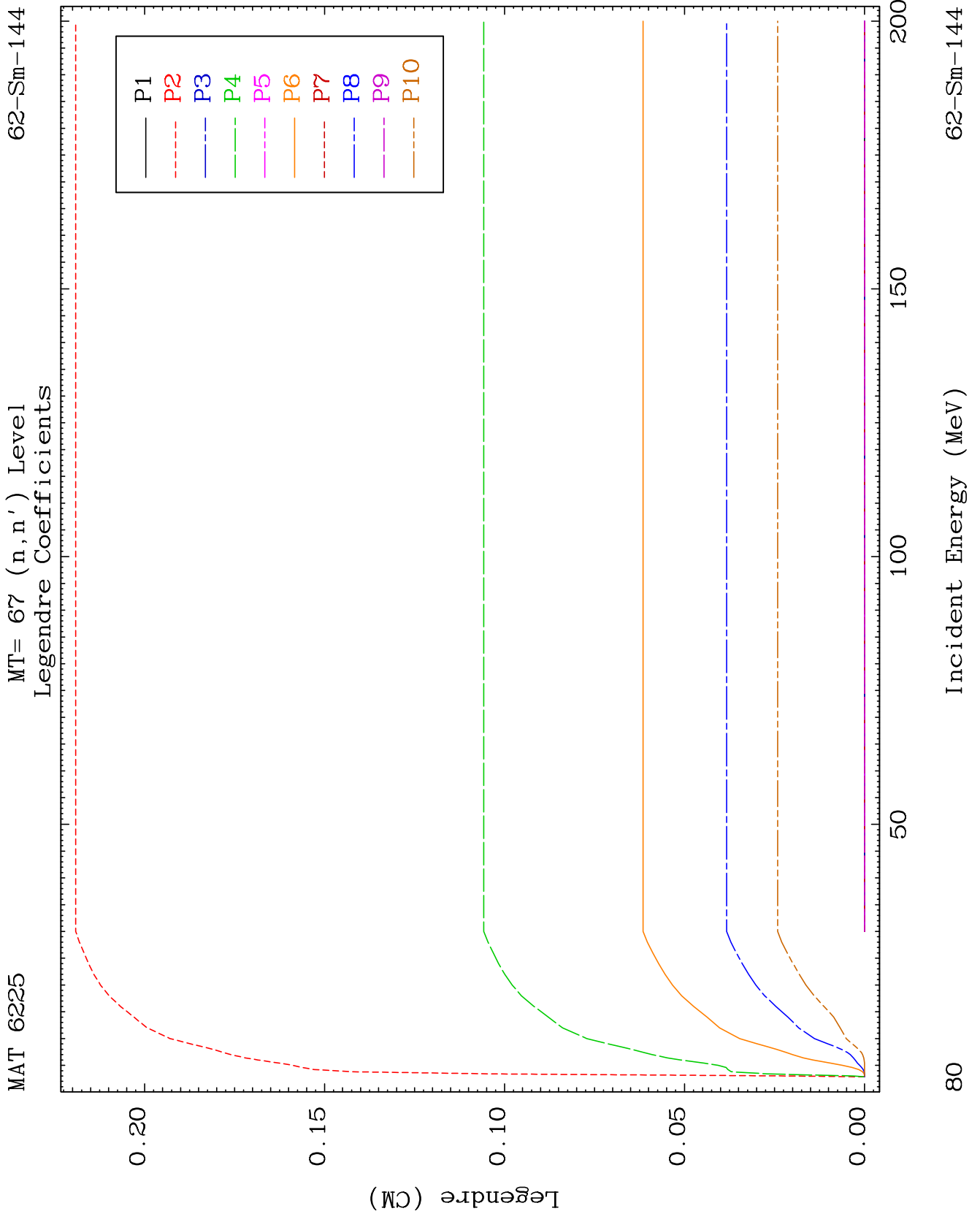
62-Sm-144

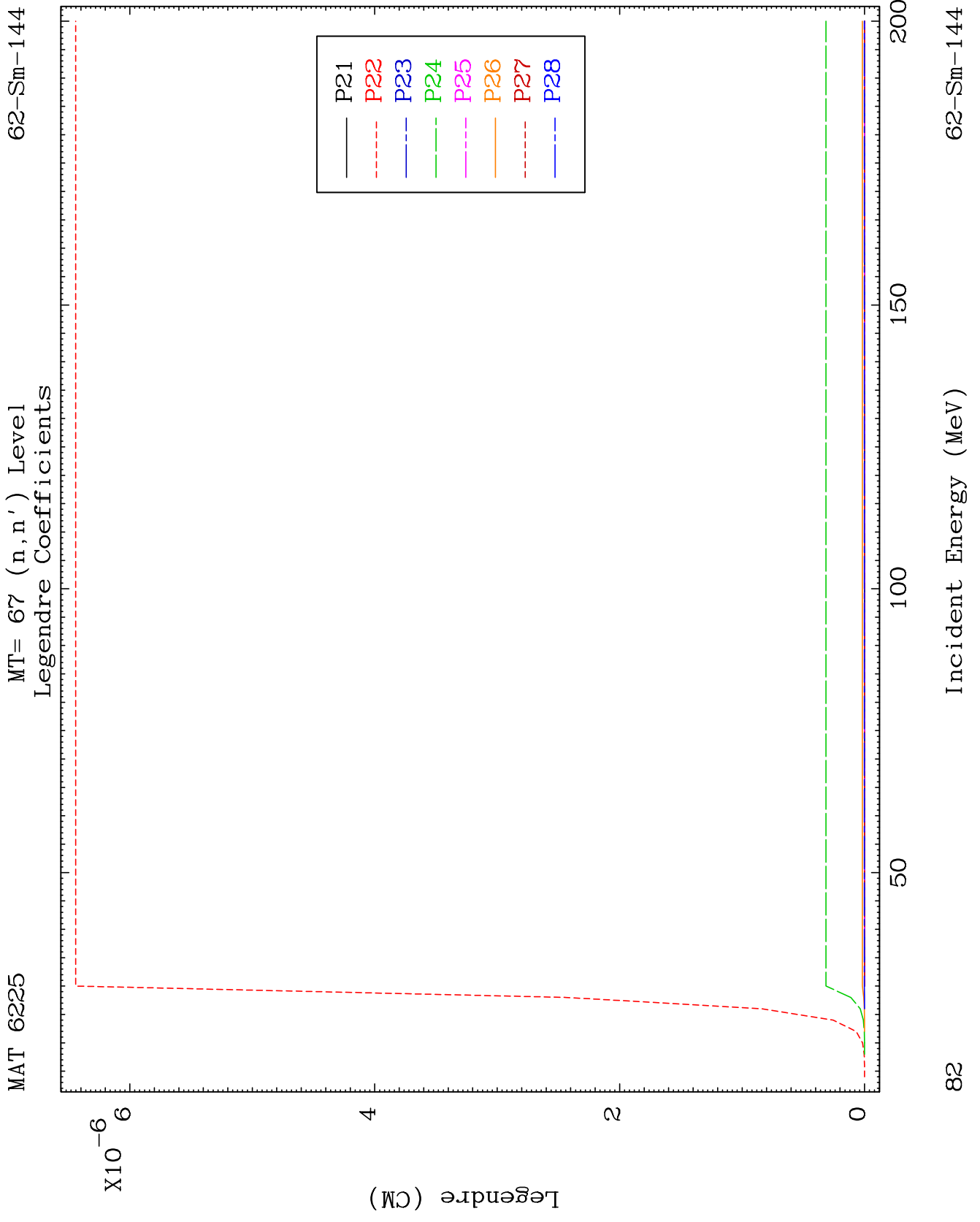
MAT 6225

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

62-Sm-144



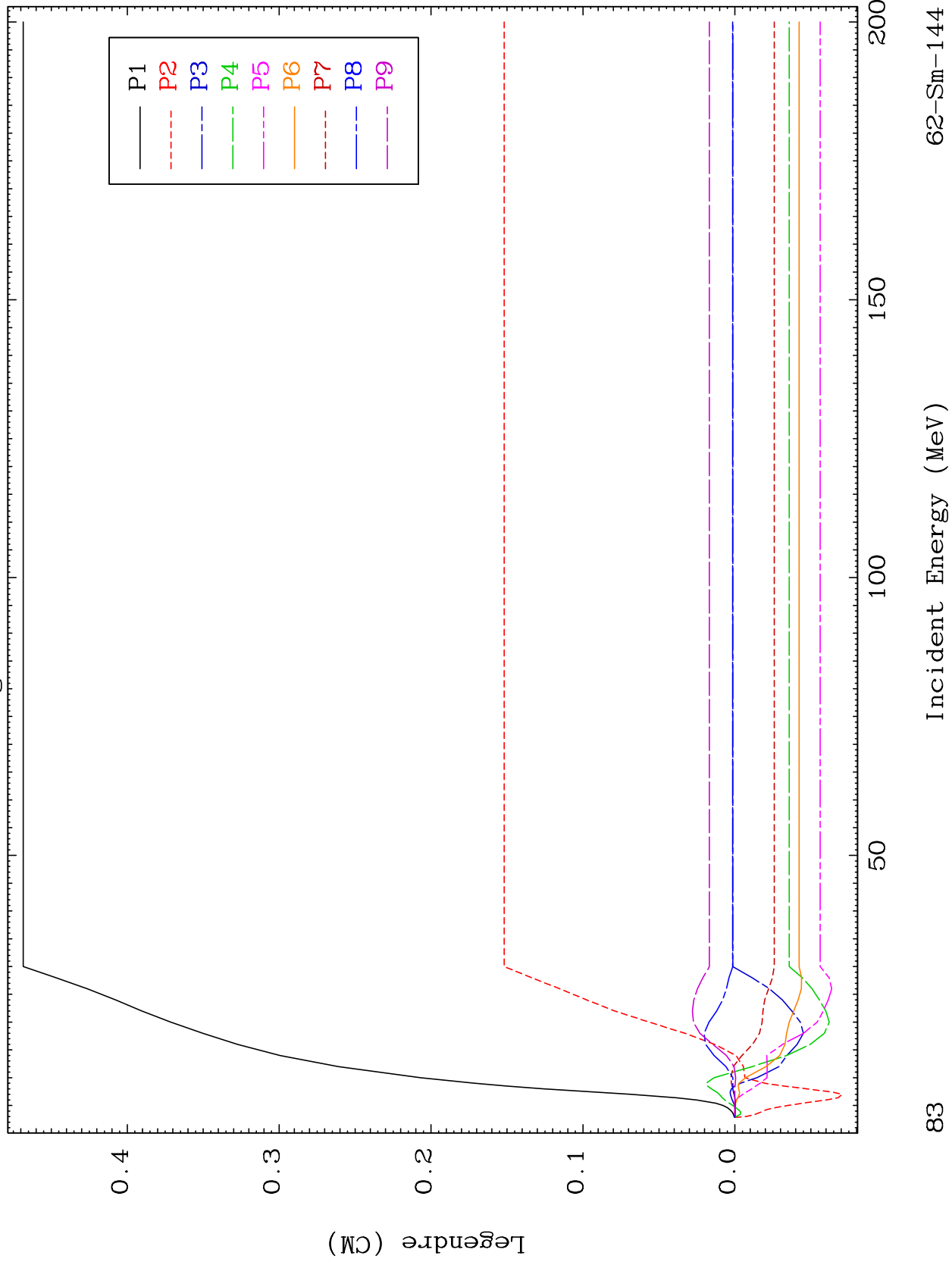




MAT 6225

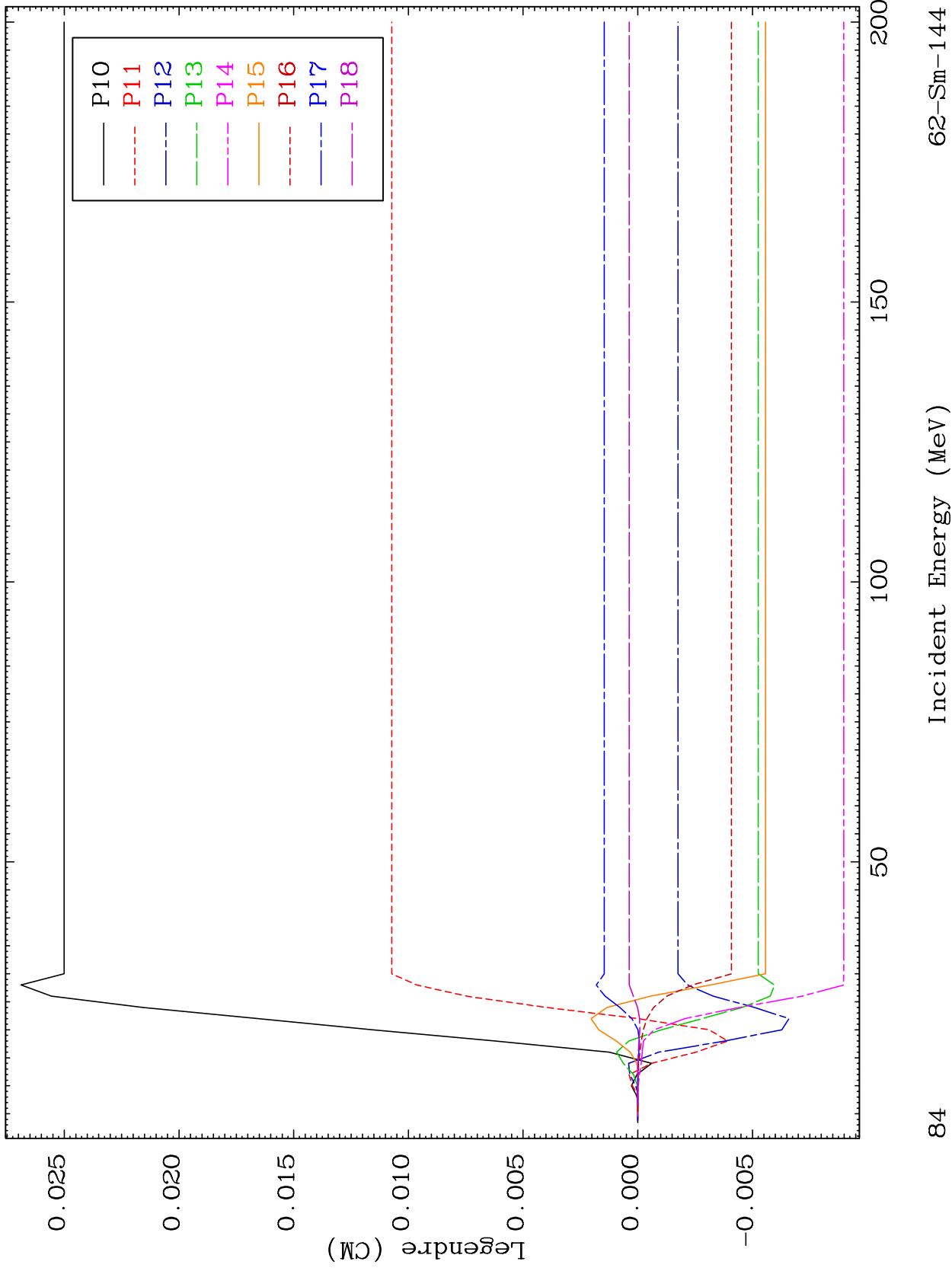
MT= 68 (n,n') Level
Legendre Coefficients

62-Sm-144



83

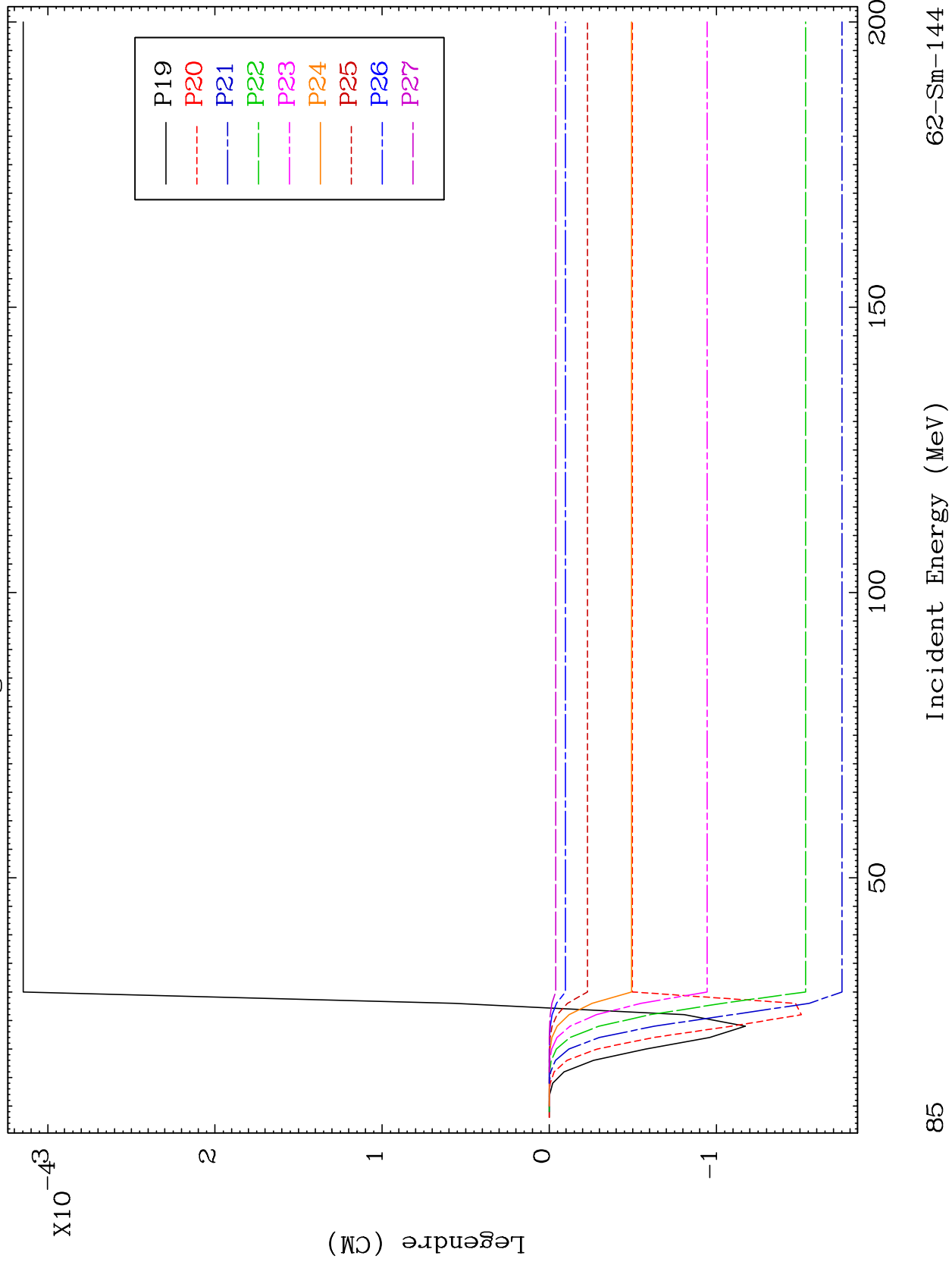
62-Sm-144

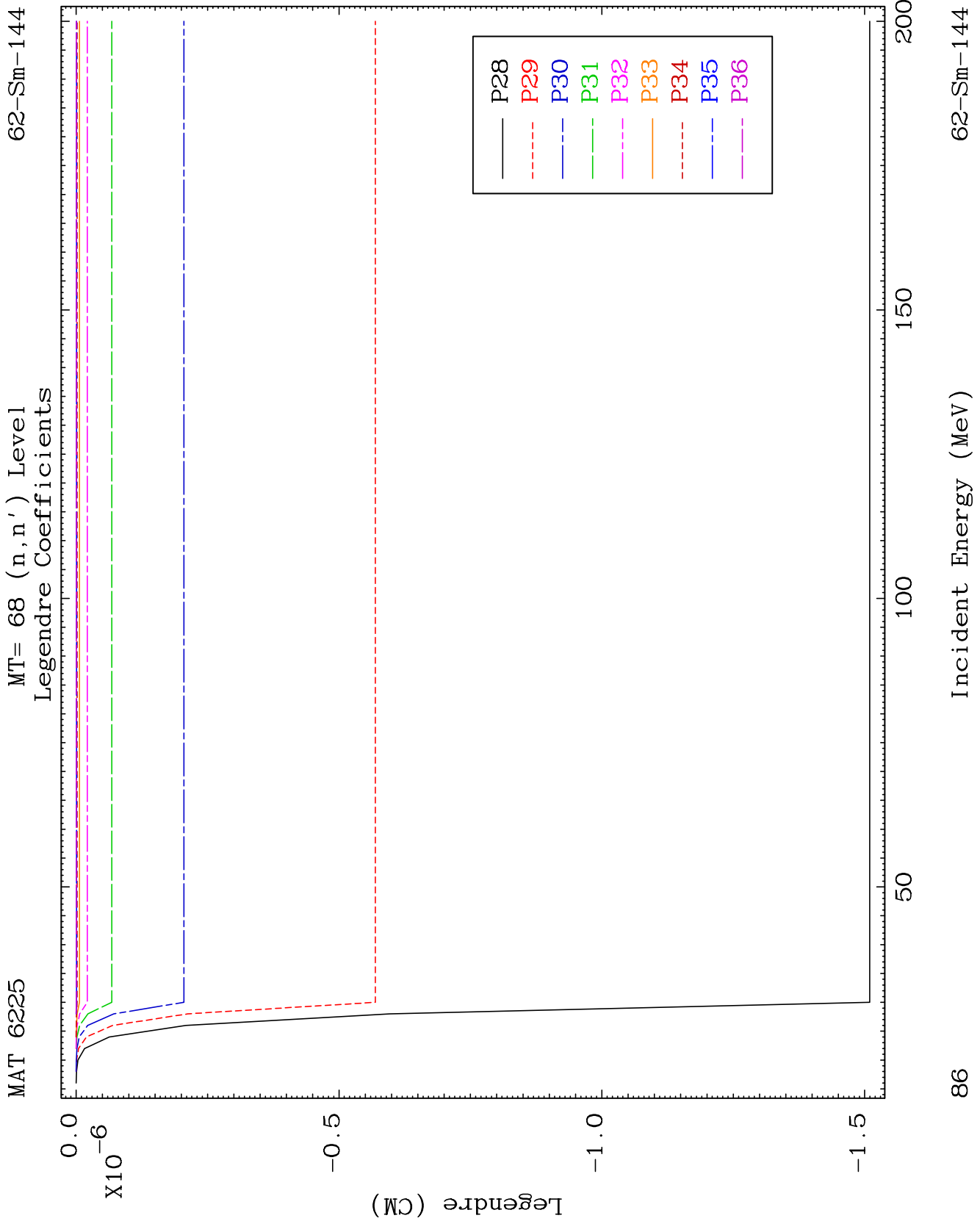


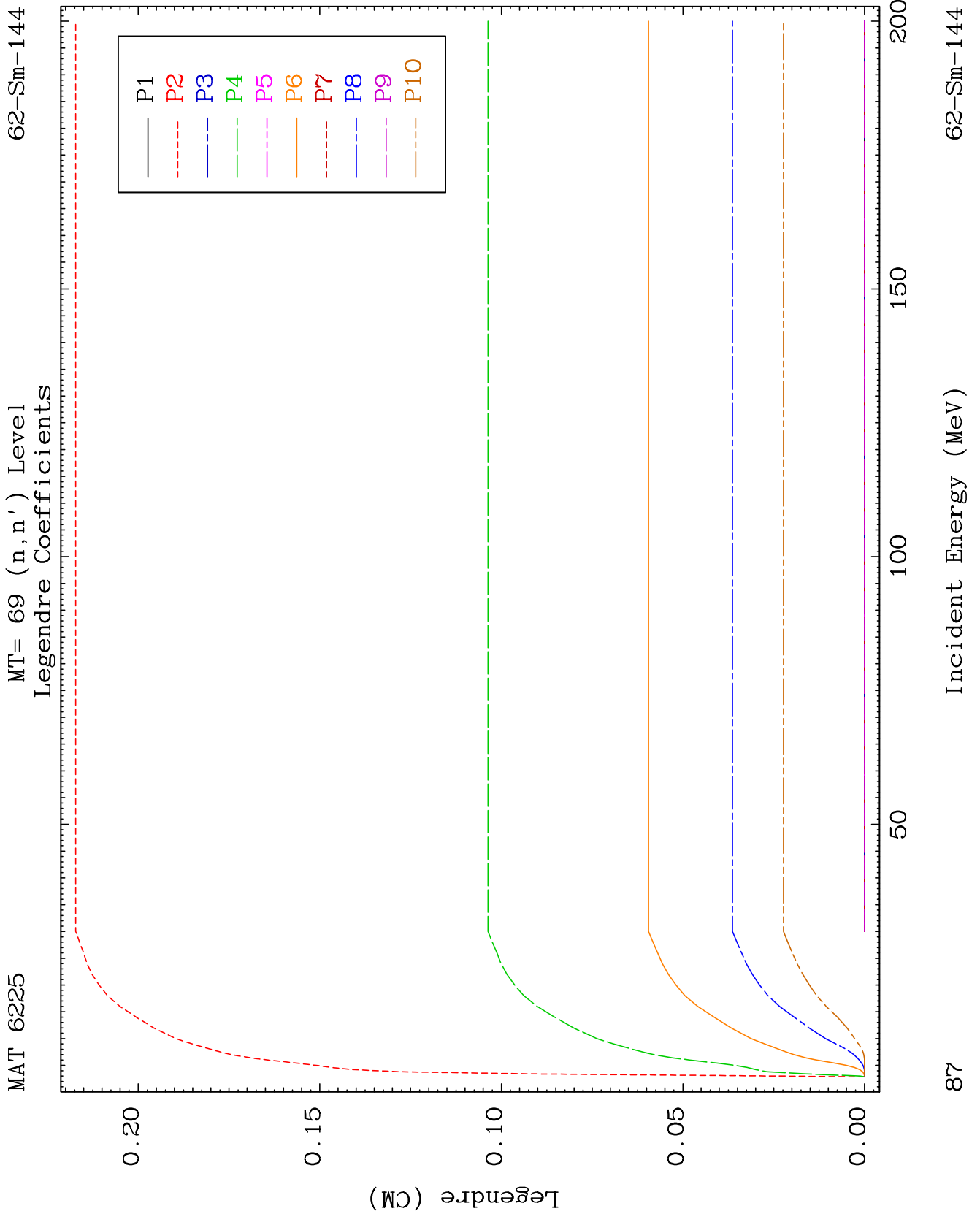
MAT 6225

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

62-Sm-144



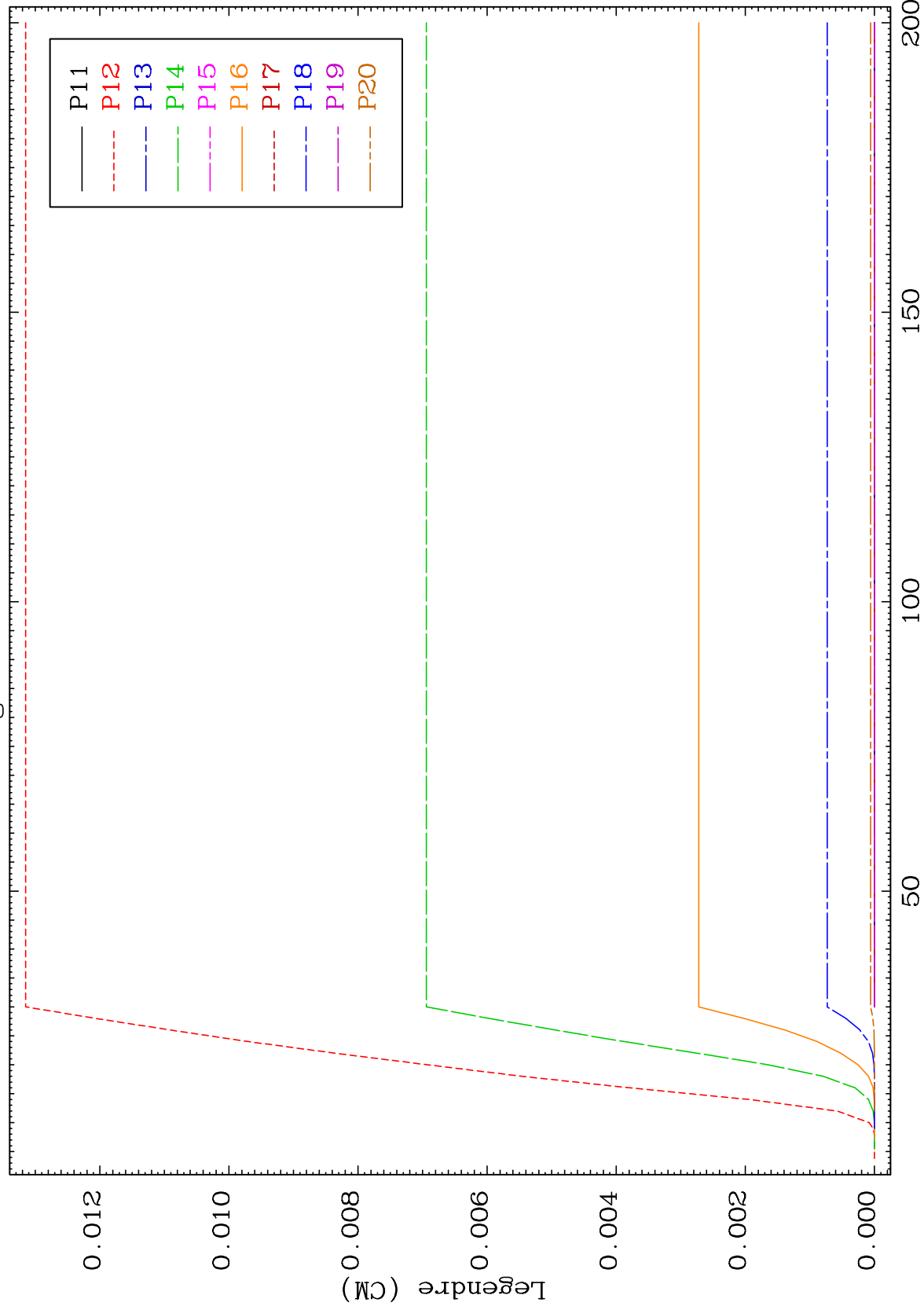




MAT 6225

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

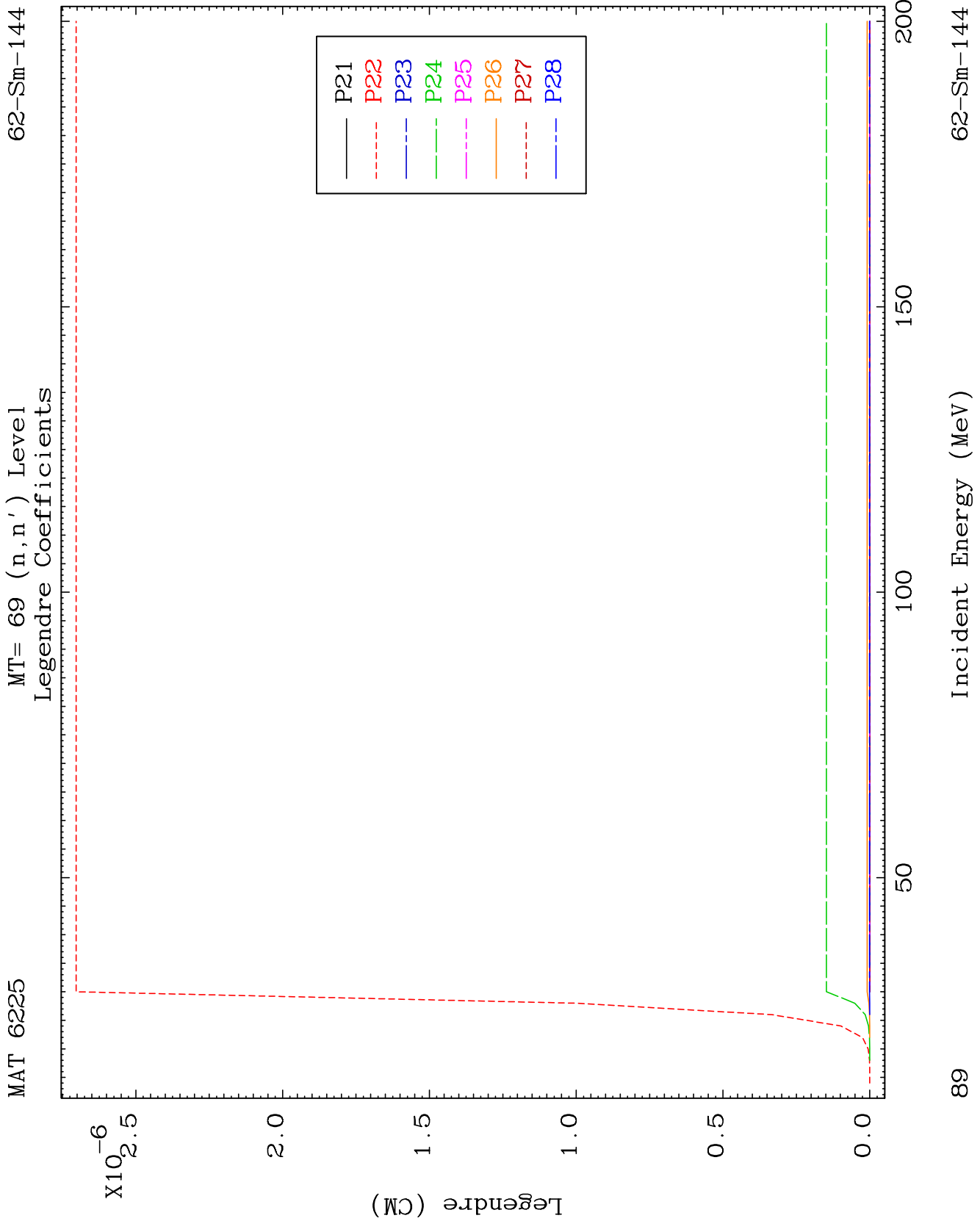
62-Sm-144



88

Incident Energy (MeV)

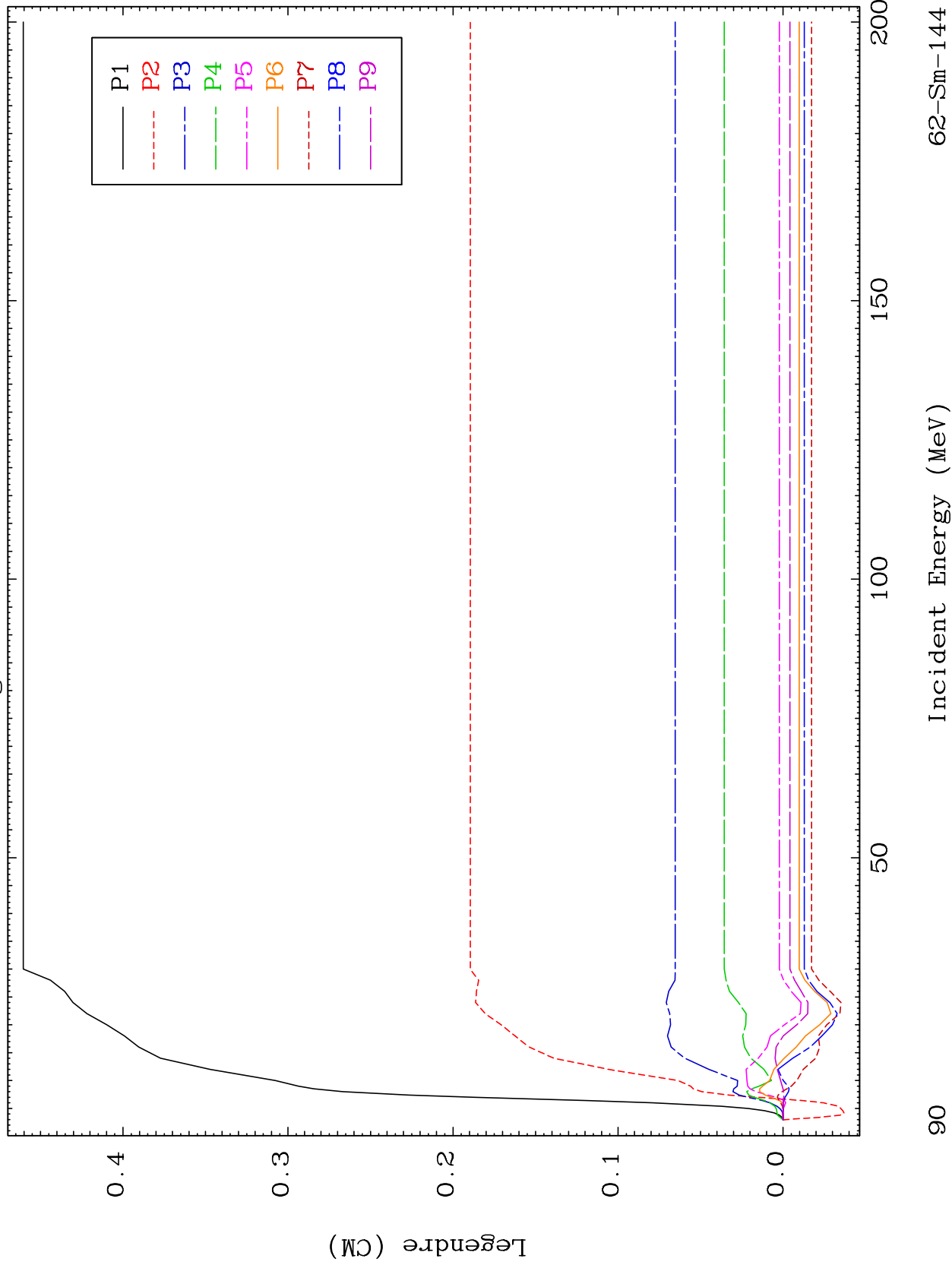
62-Sm-144



MAT 6225

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

62-Sm-144



62-Sm-144

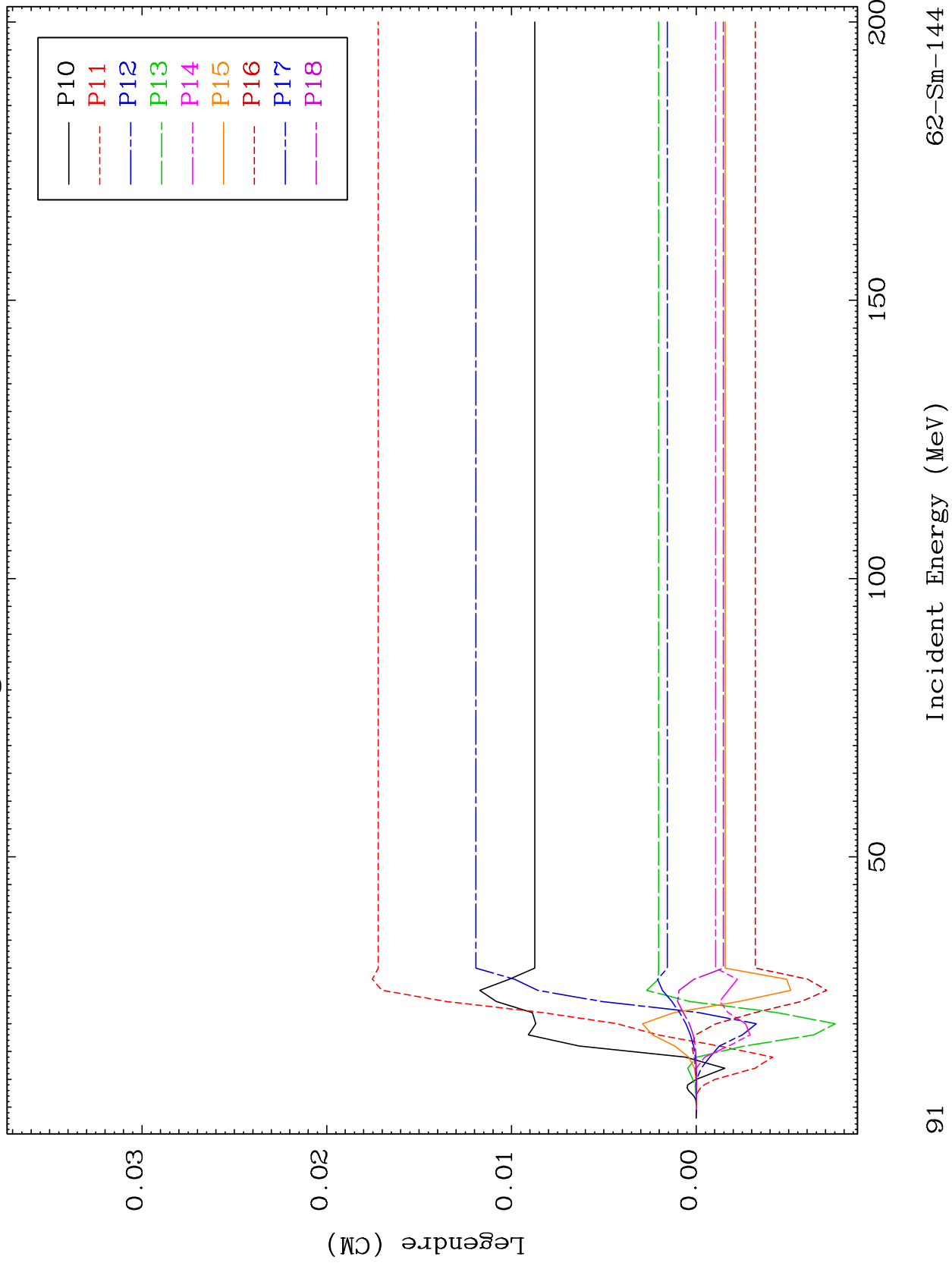
Incident Energy (MeV)

90

MAT 6225

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

62-Sm-144



91

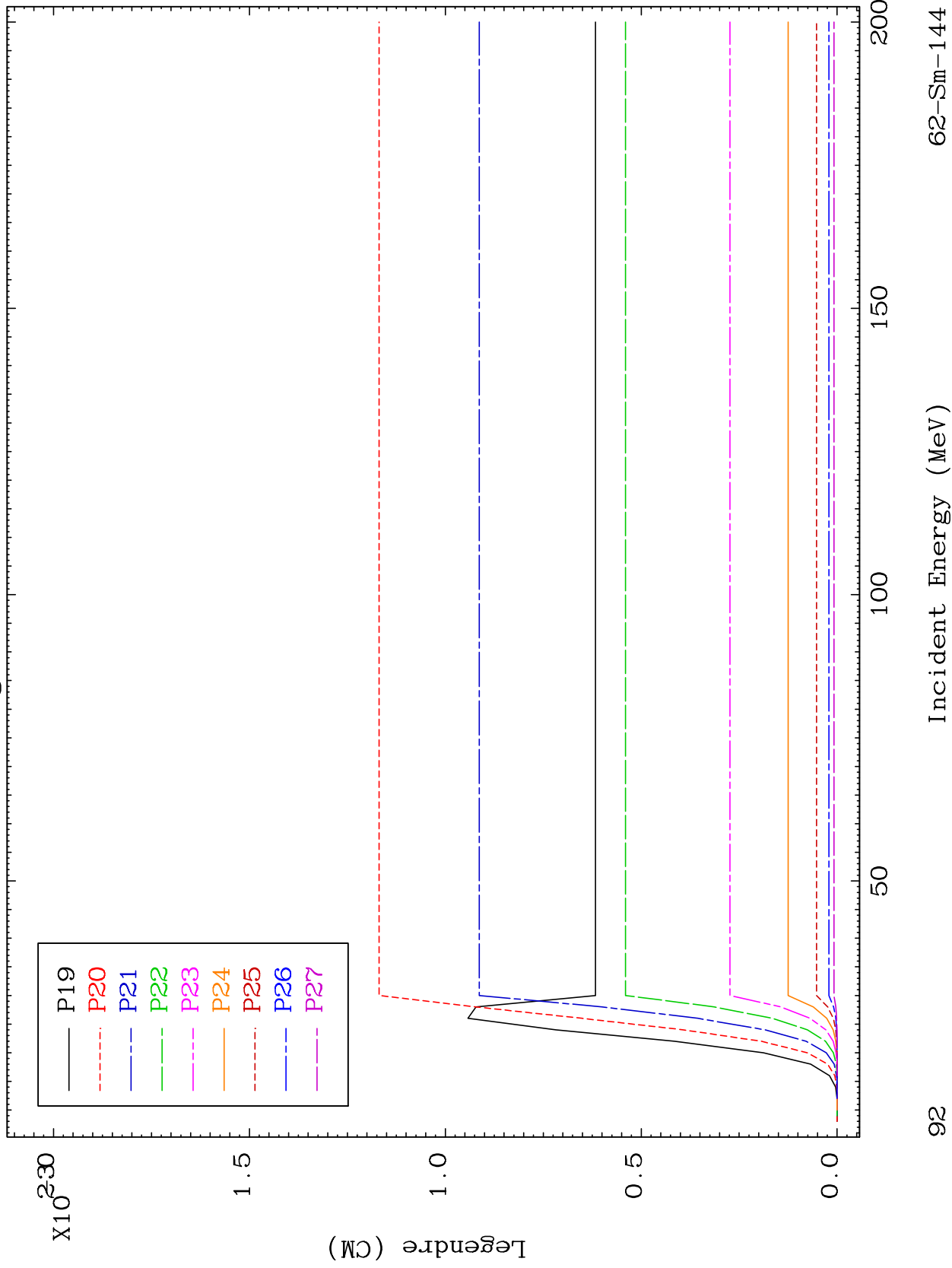
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144

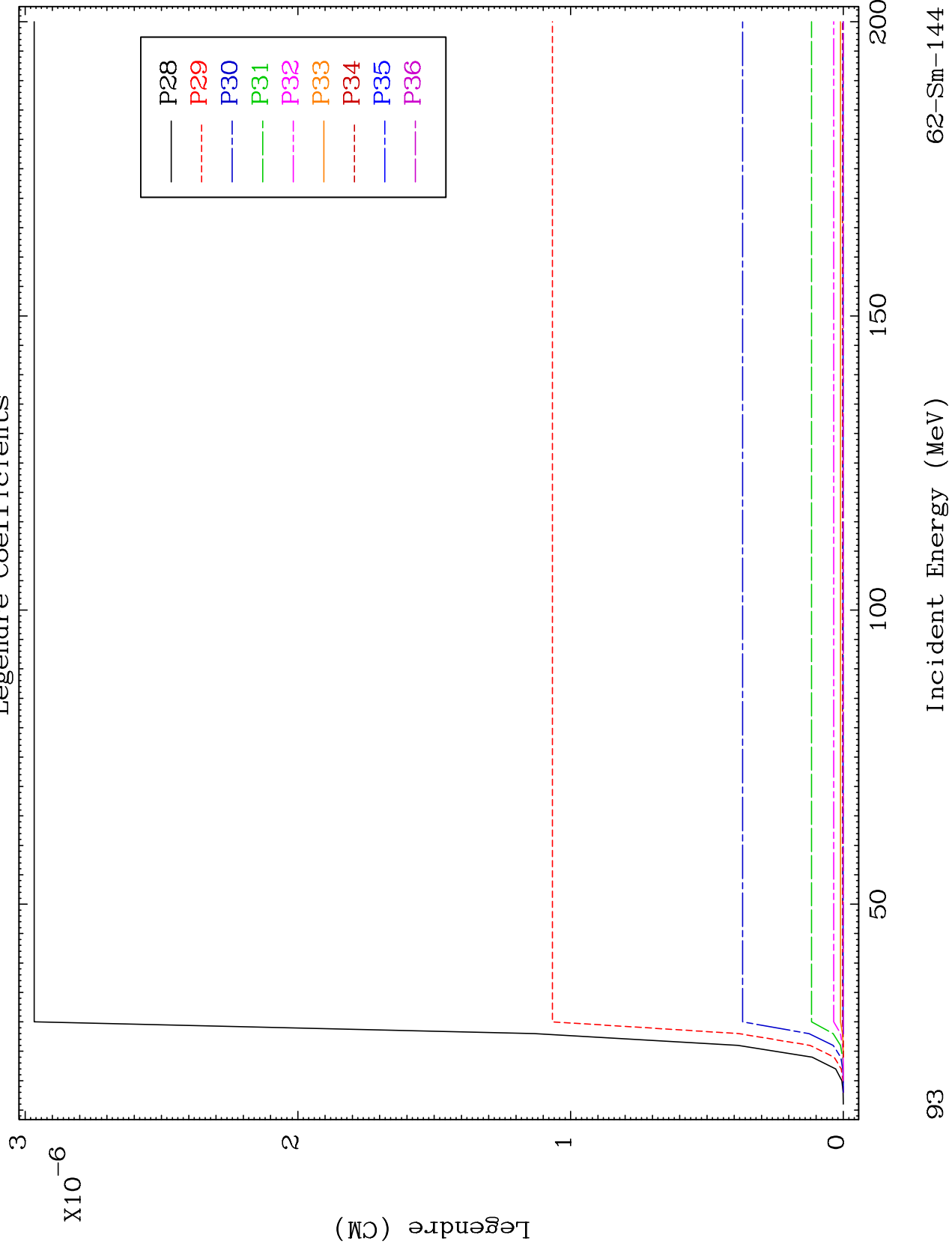


92

MAT 6225

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

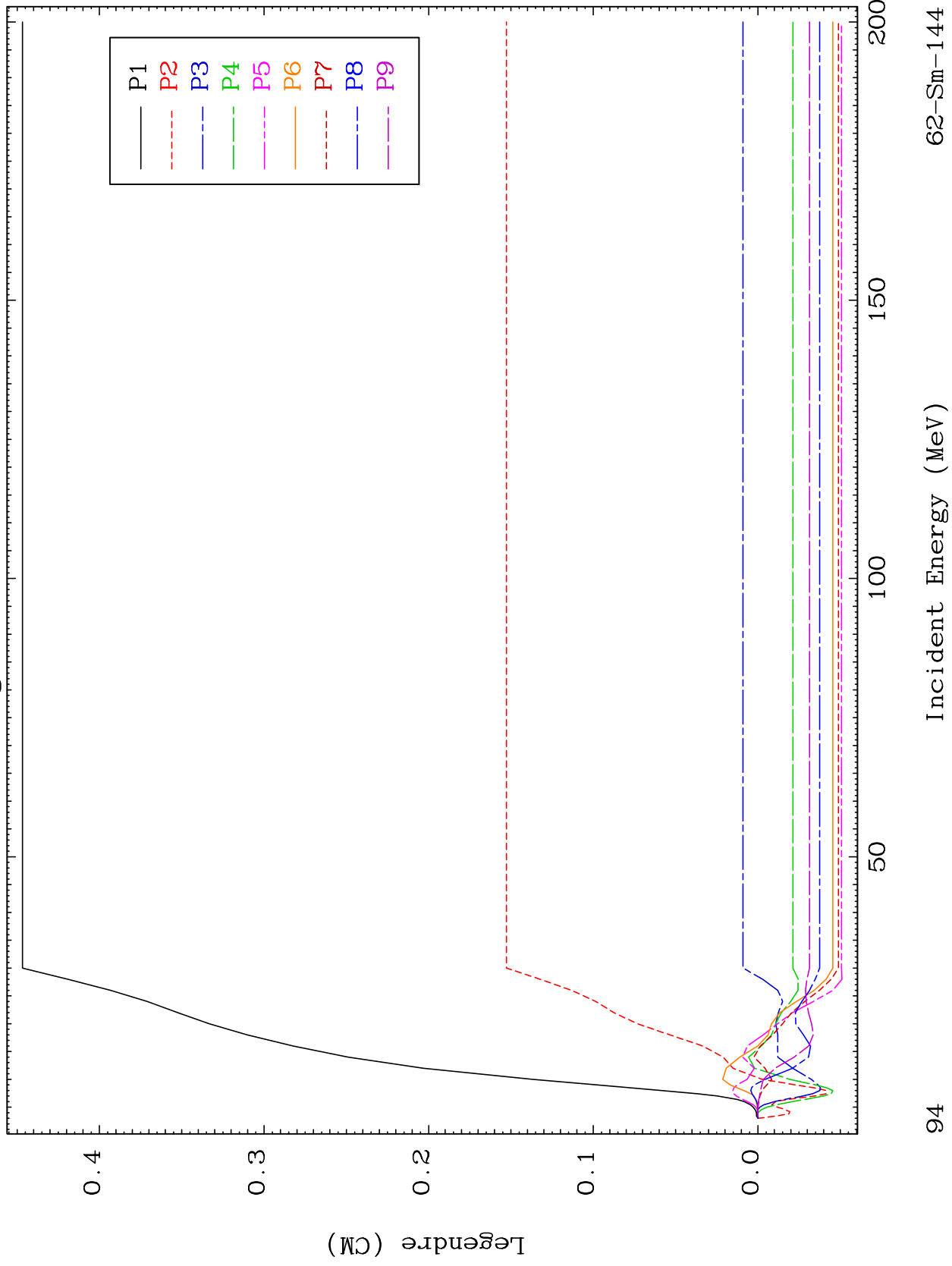
62-Sm-144



MAT 6225

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

62-Sm-144



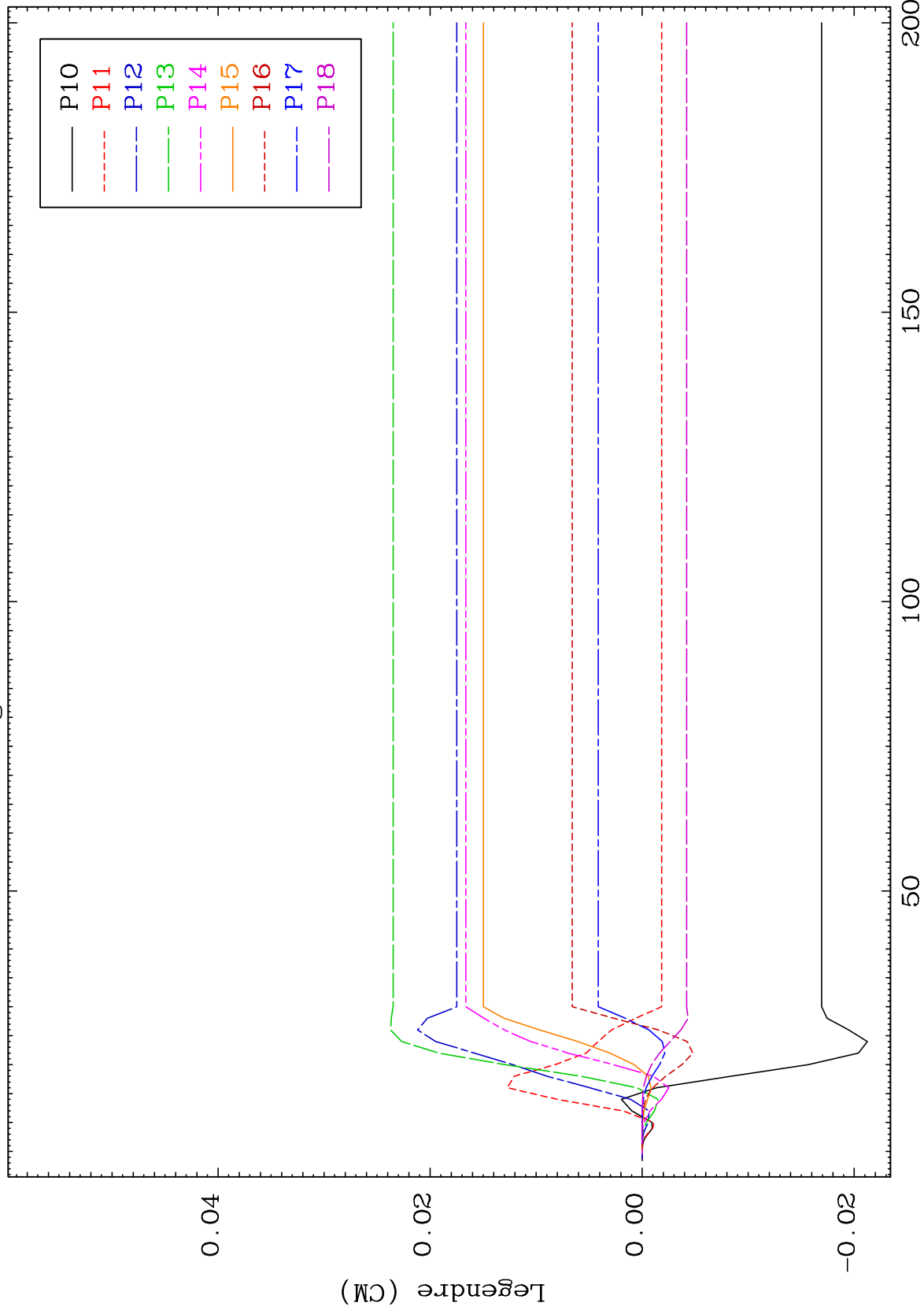
94

62-Sm-144

MAT 6225

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

62-Sm-144



95

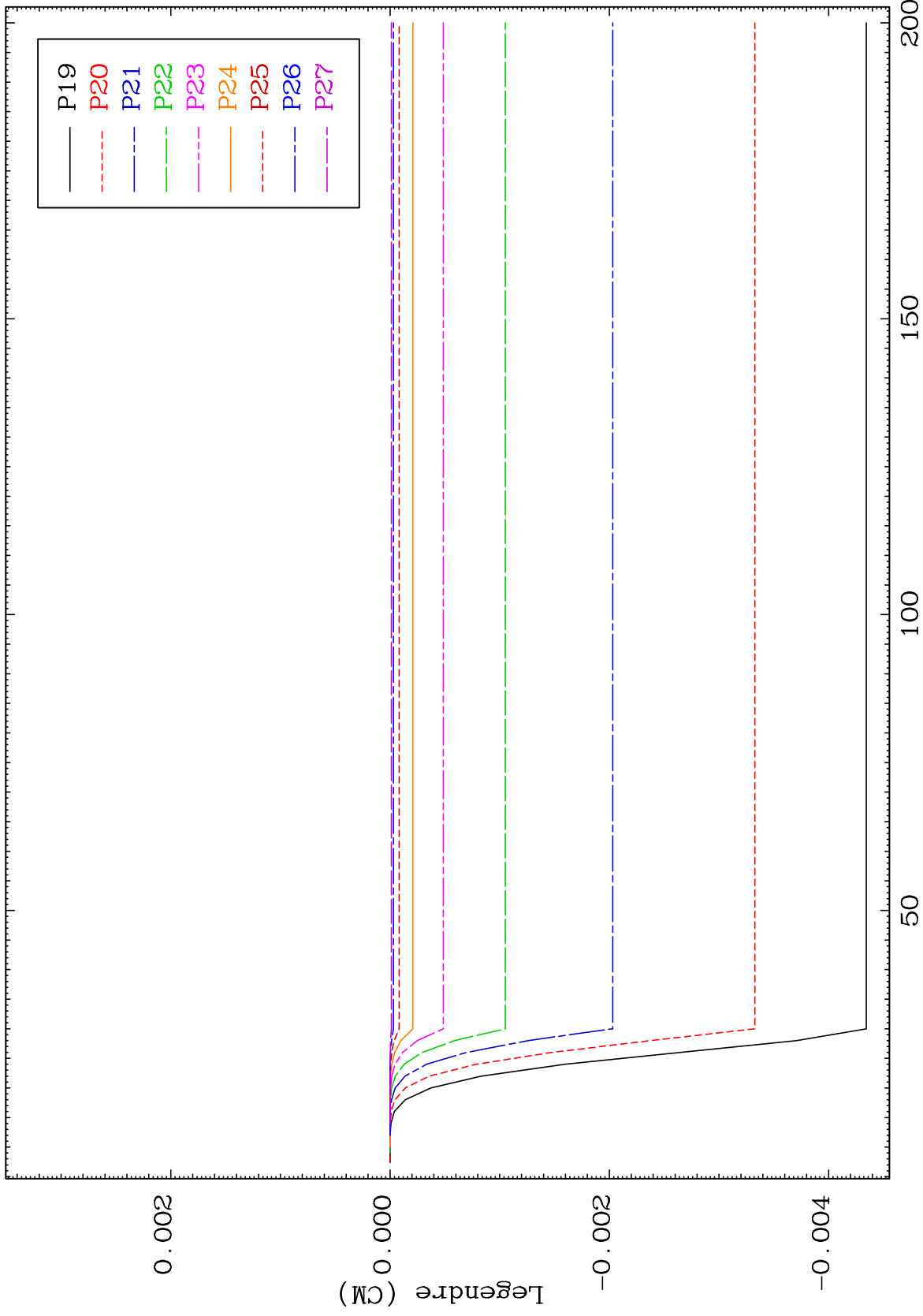
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

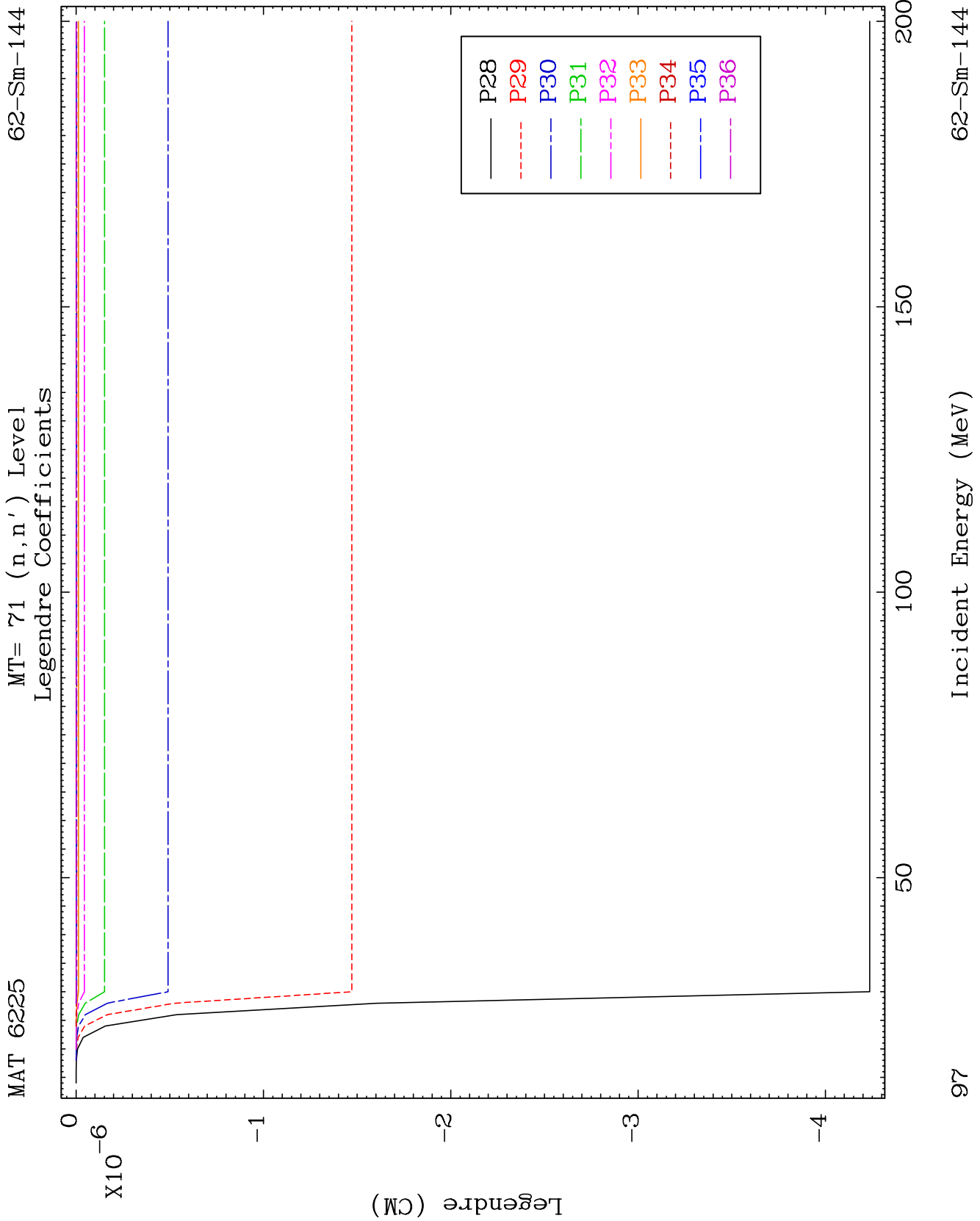
62-Sm-144



96

Incident Energy (MeV)

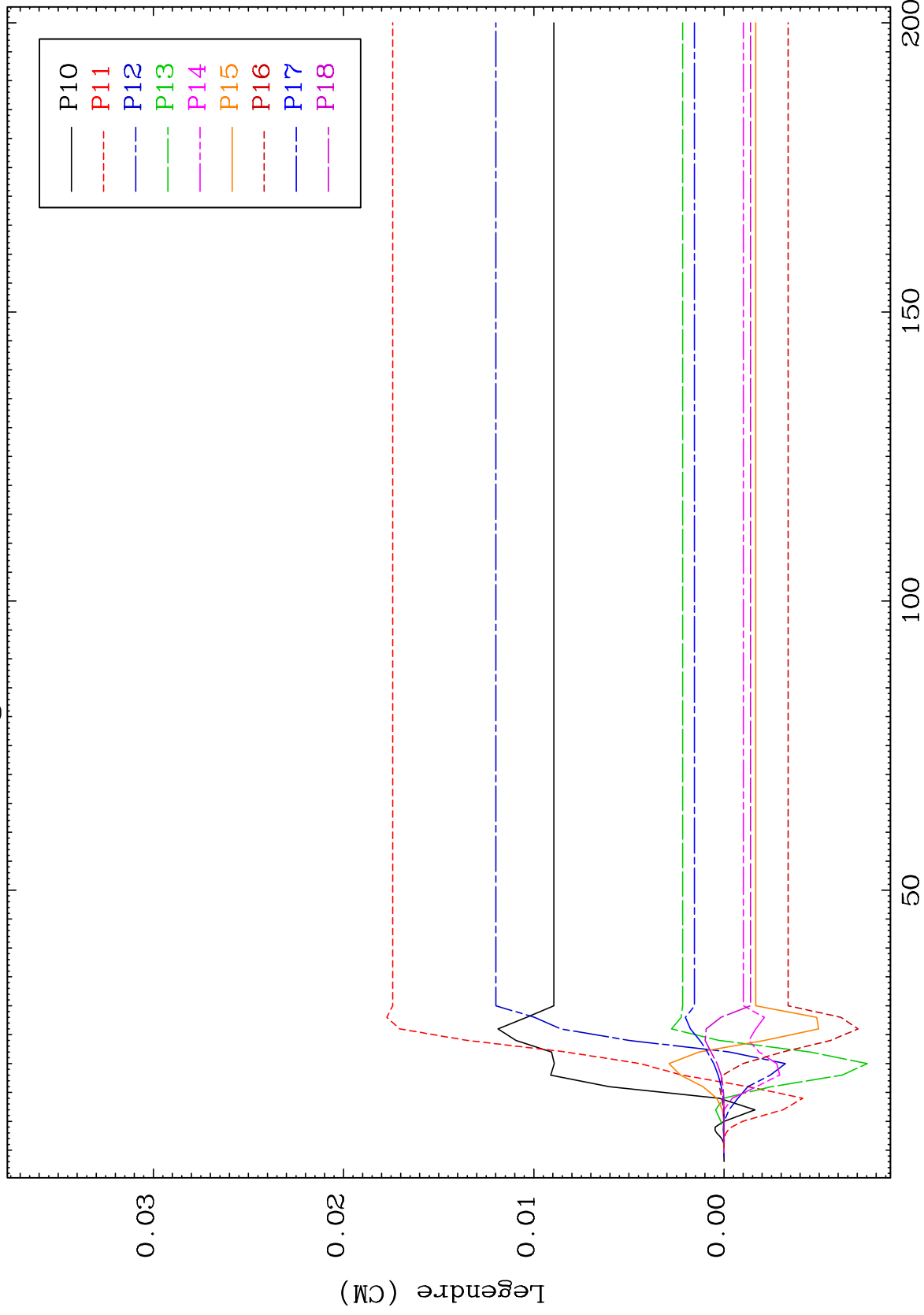
62-Sm-144



MAT 6225

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

62-Sm-144



99

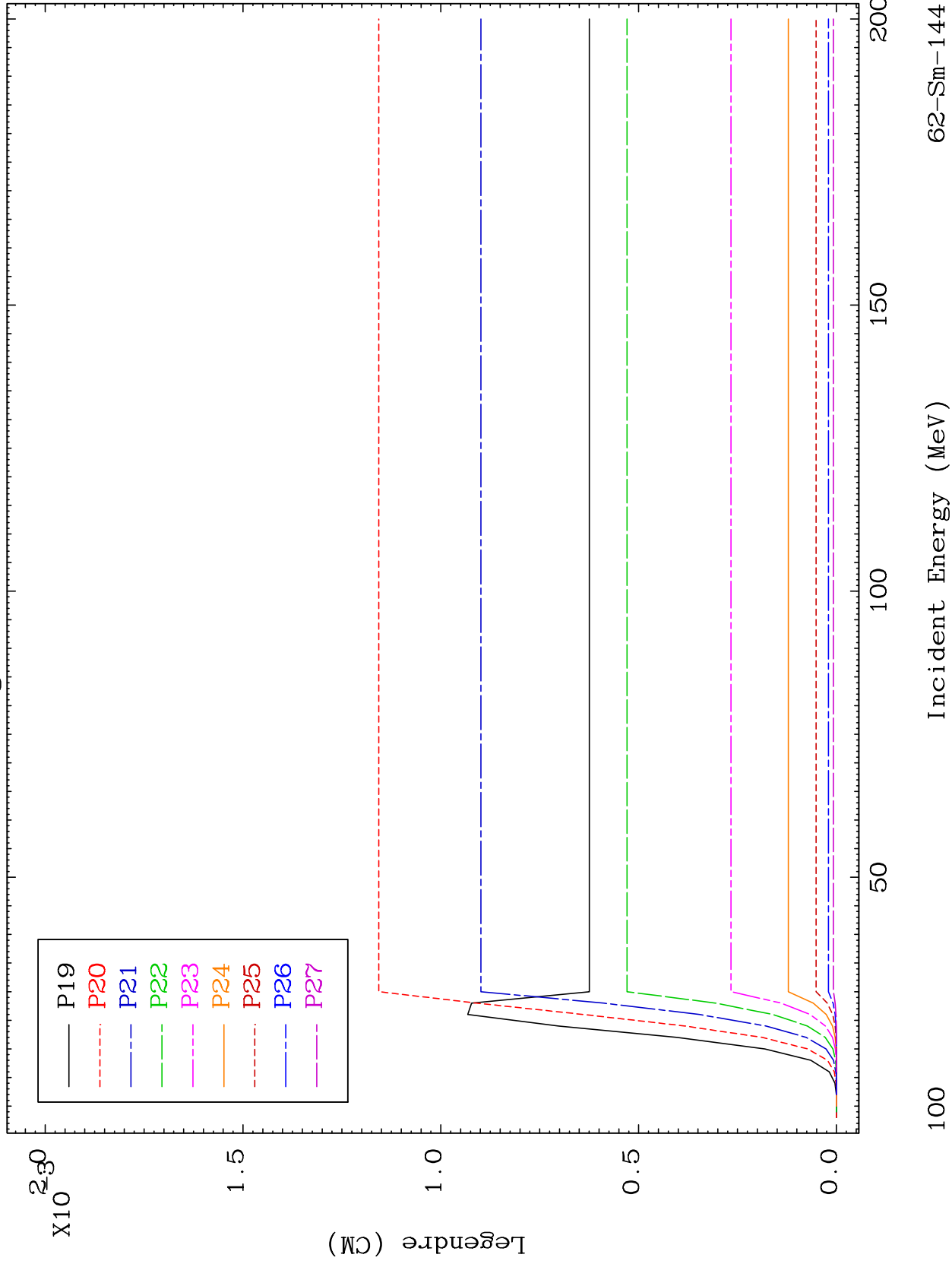
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

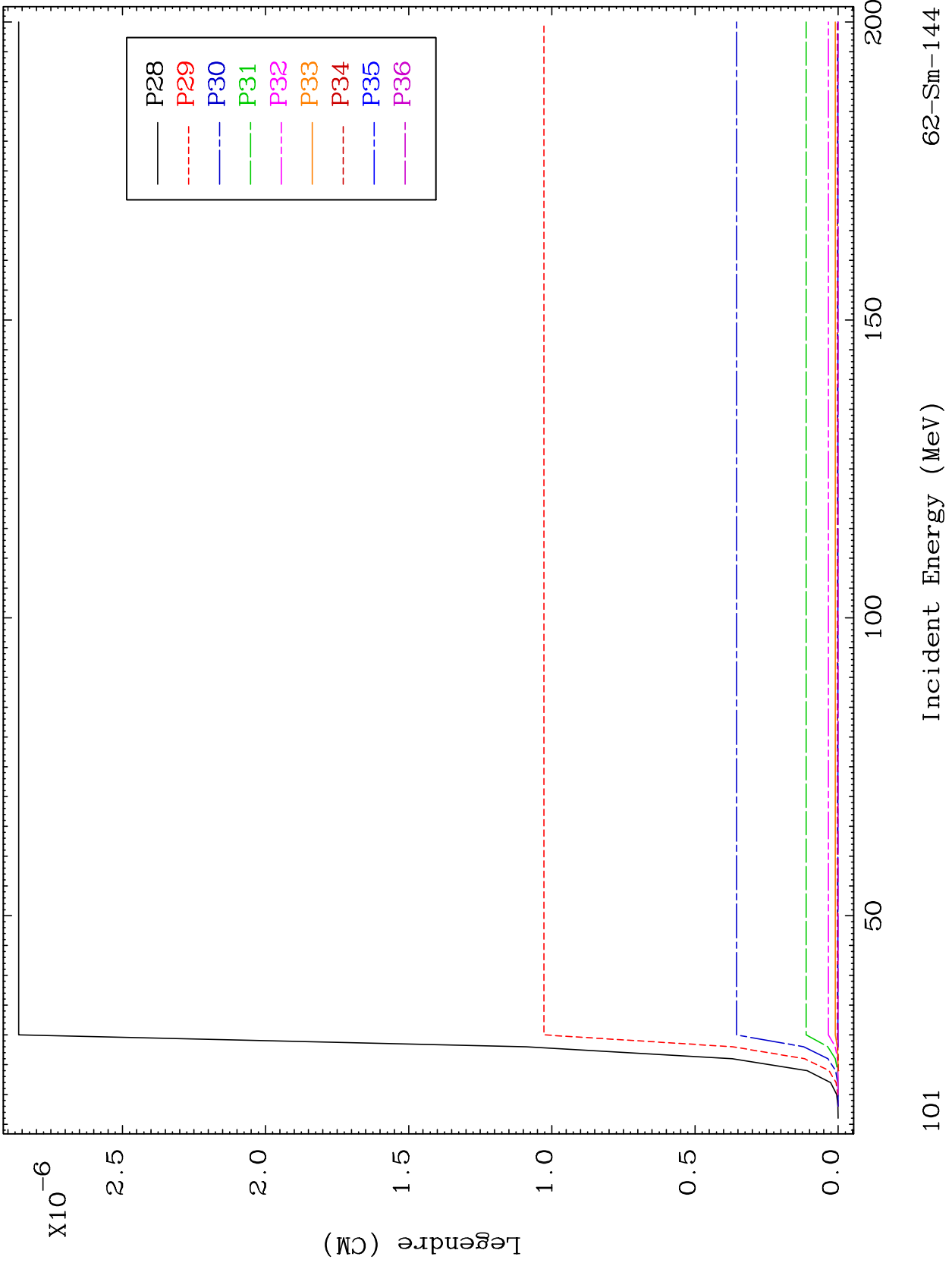
62-Sm-144



MAT 6225

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

62-Sm-144



101

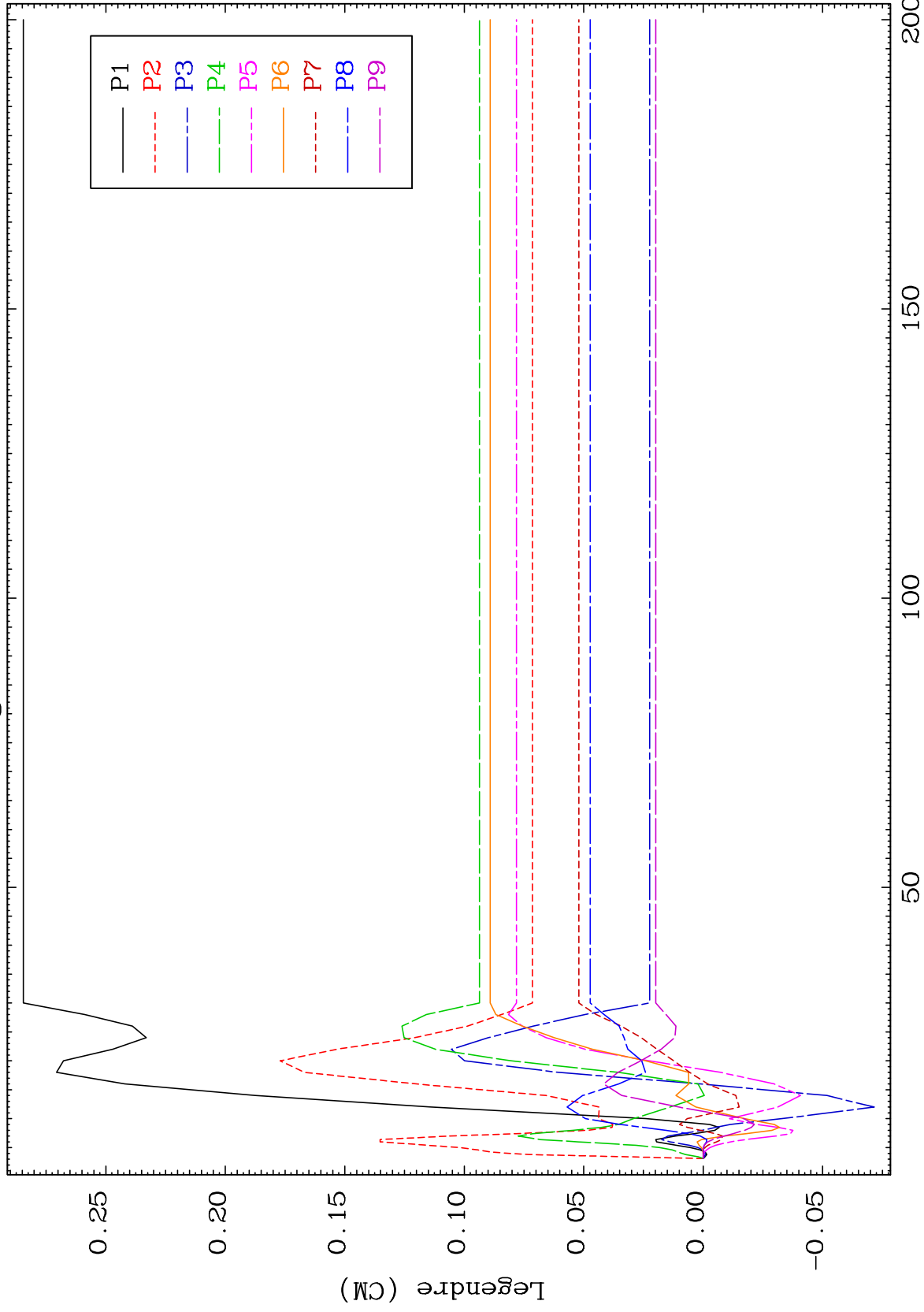
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



102

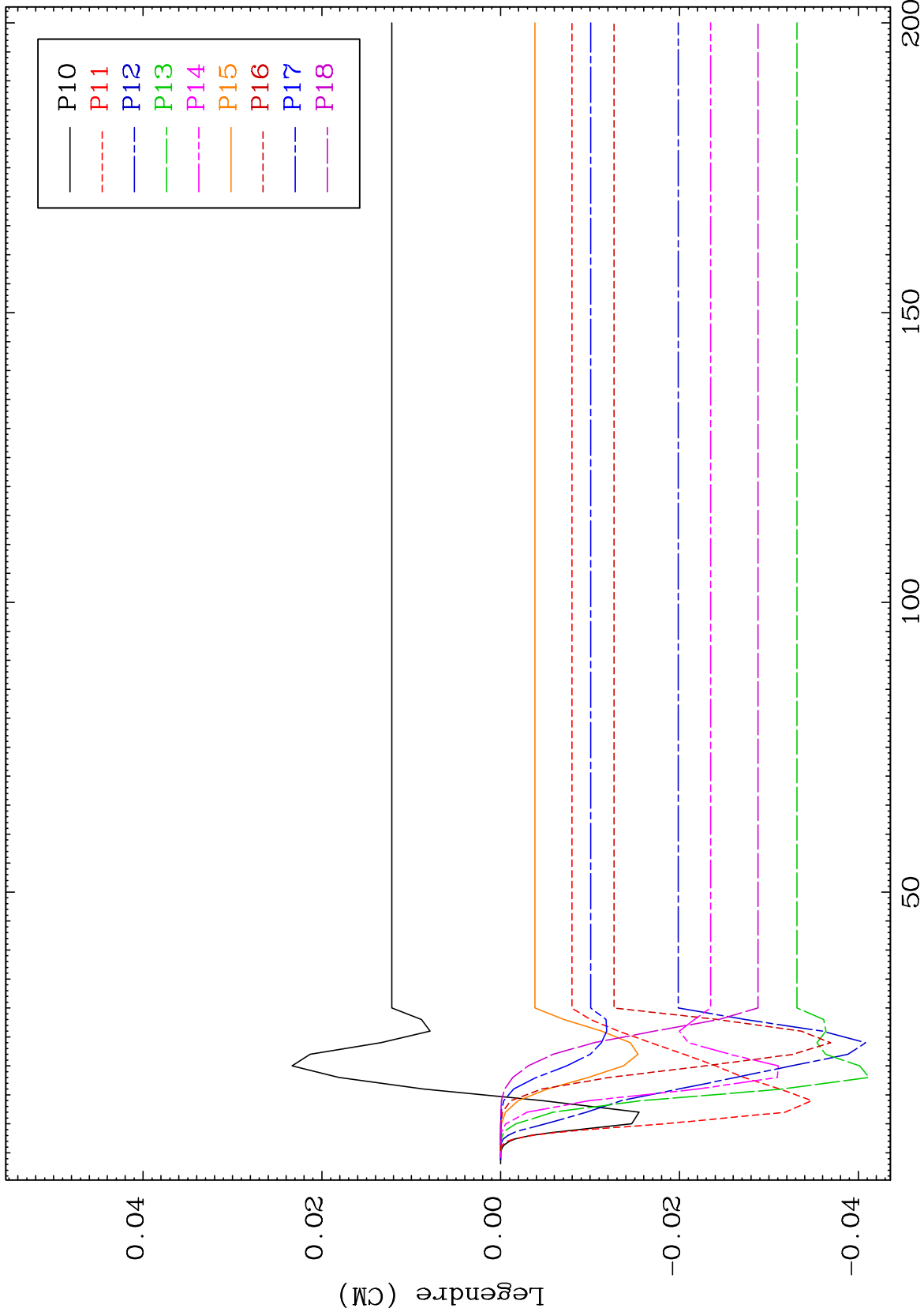
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

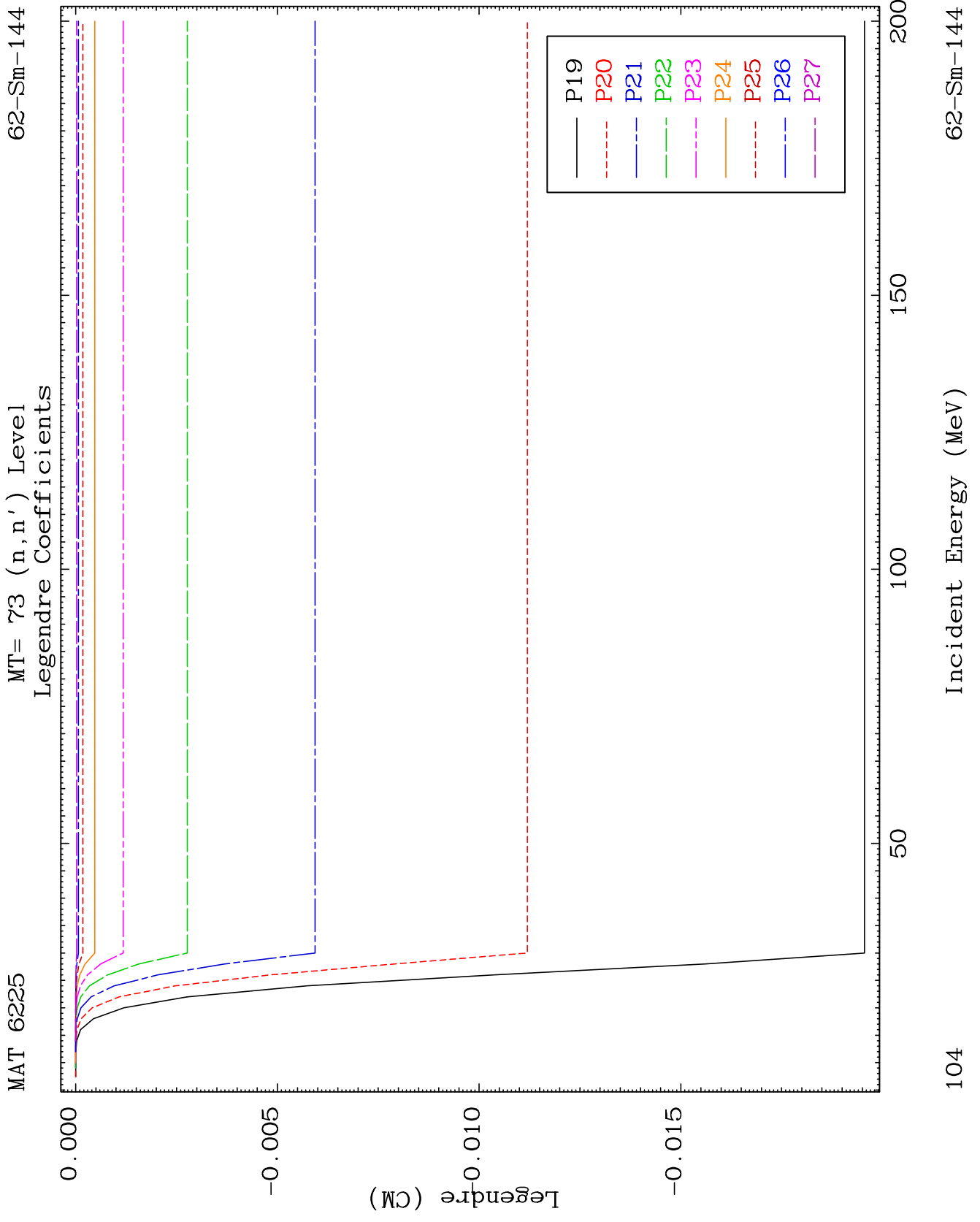
62-Sm-144

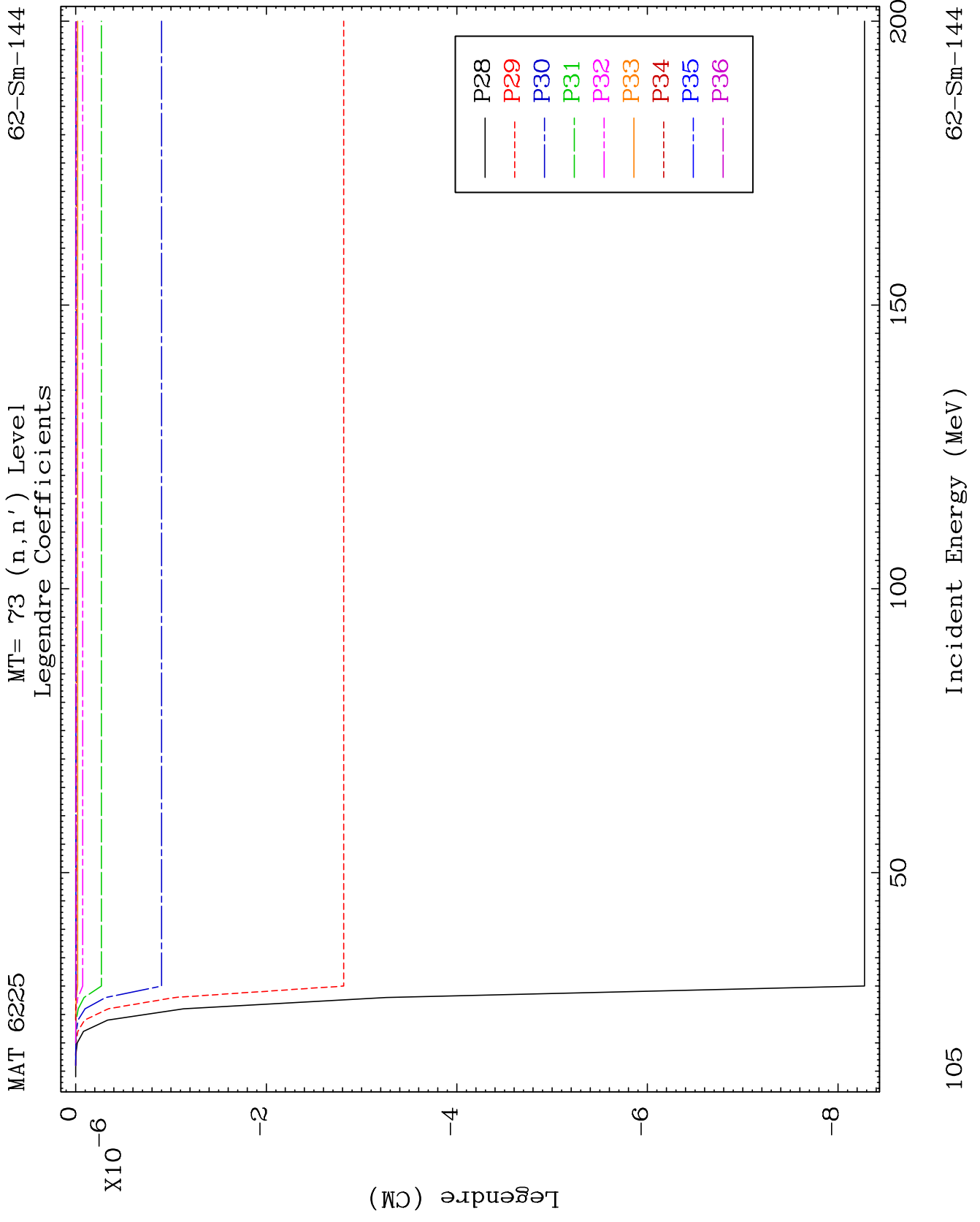


103

Incident Energy (MeV)

62-Sm-144

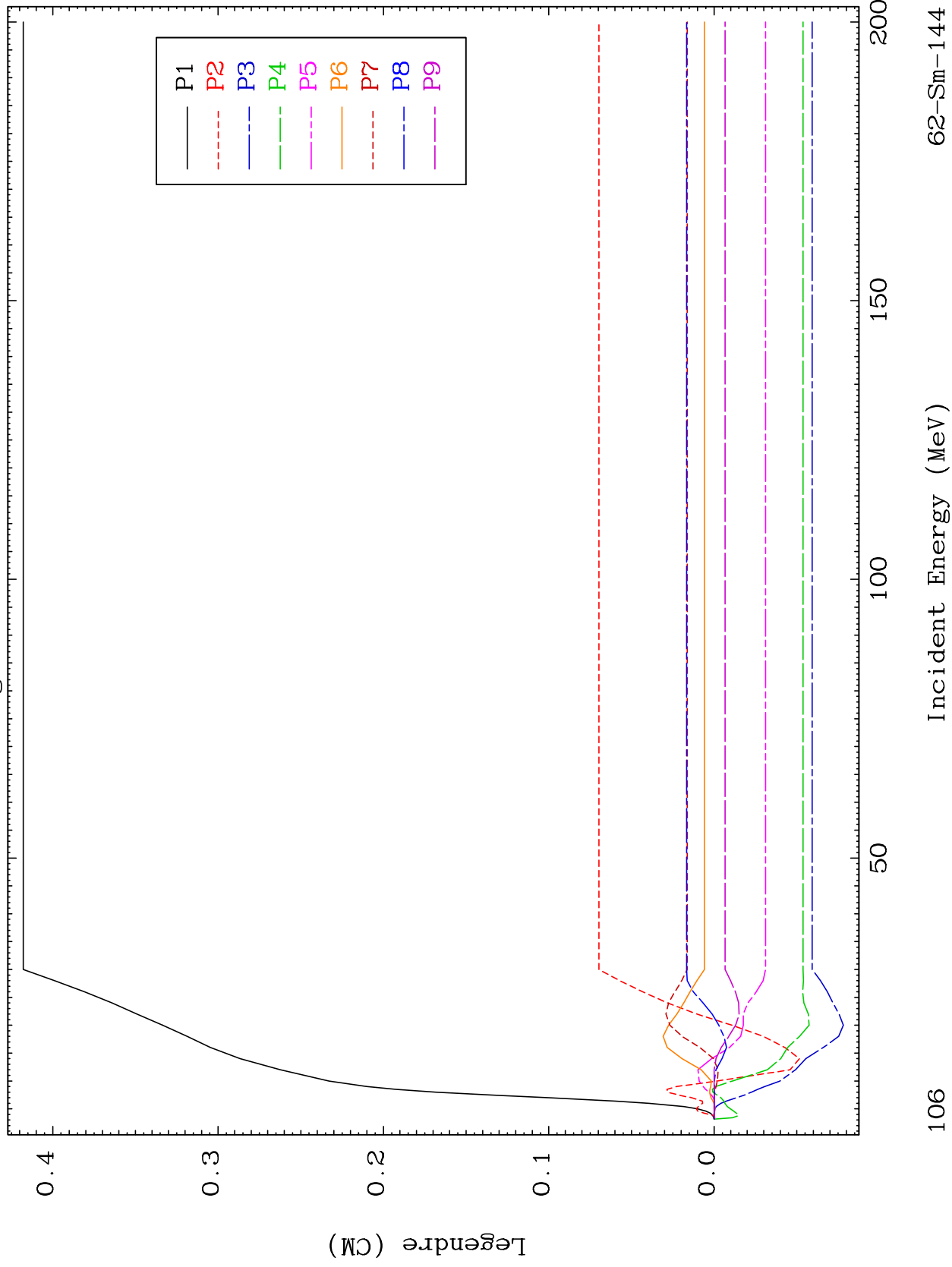




MAT 6225

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

62-Sm-144



106

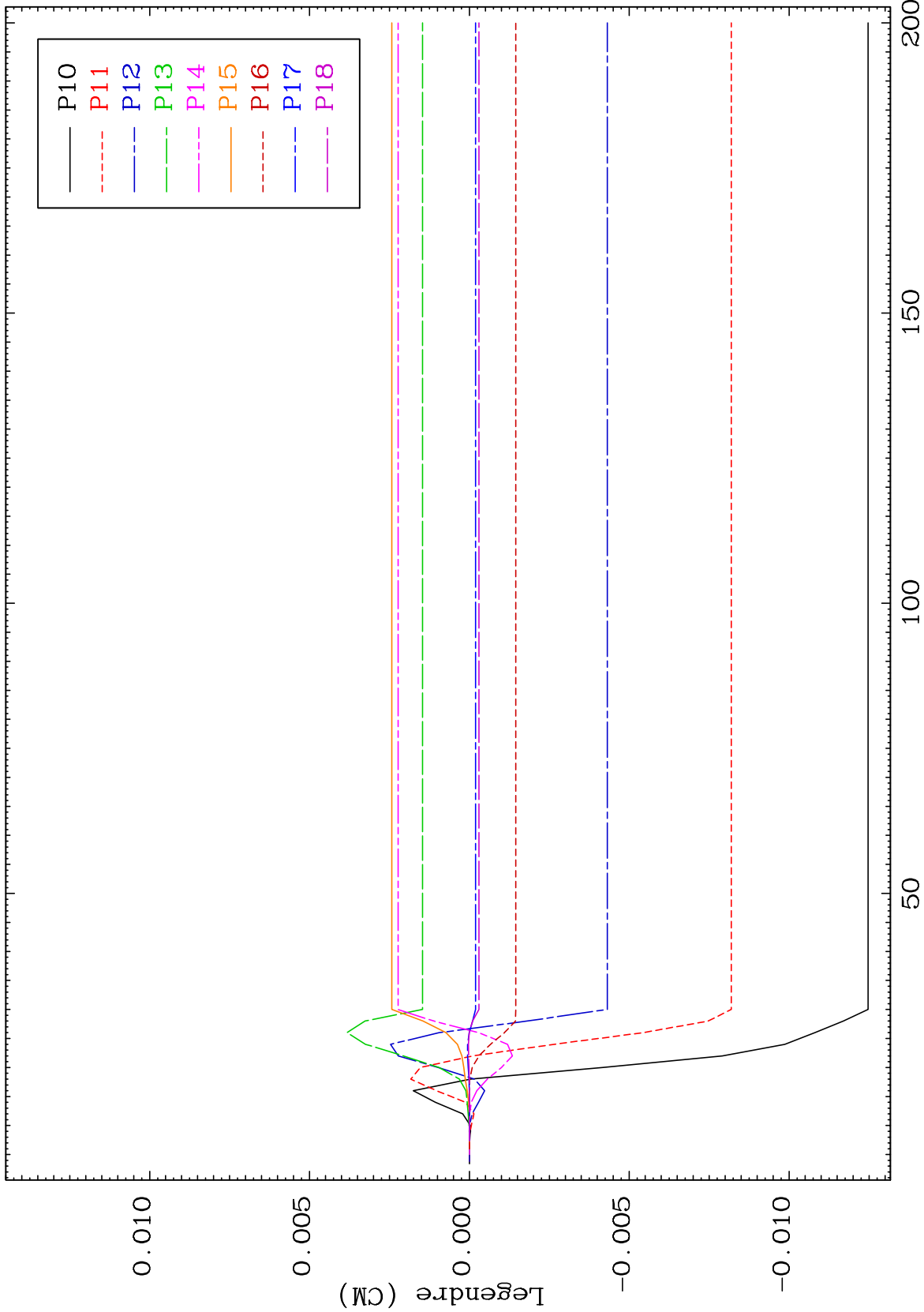
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

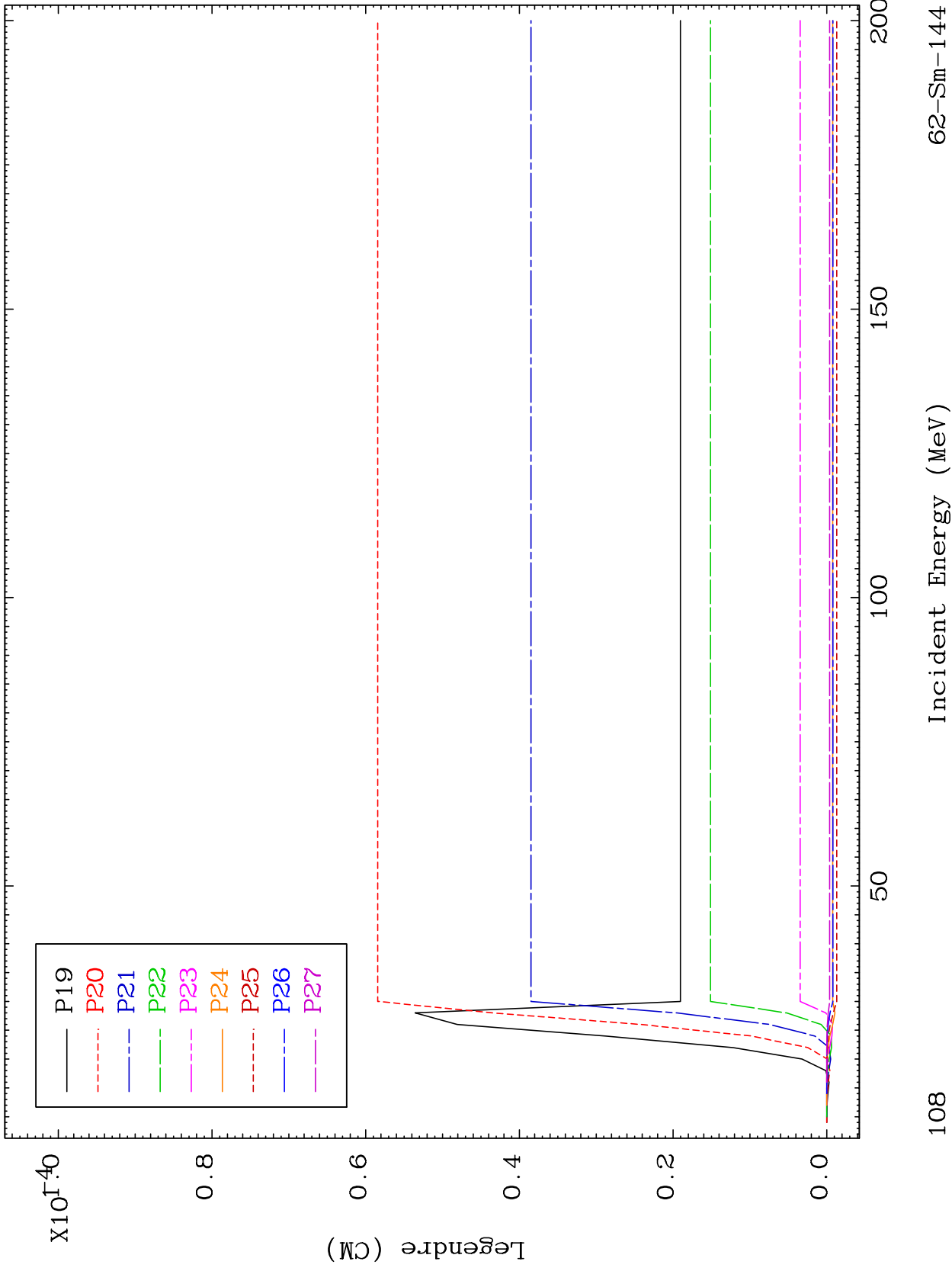
62-Sm-144

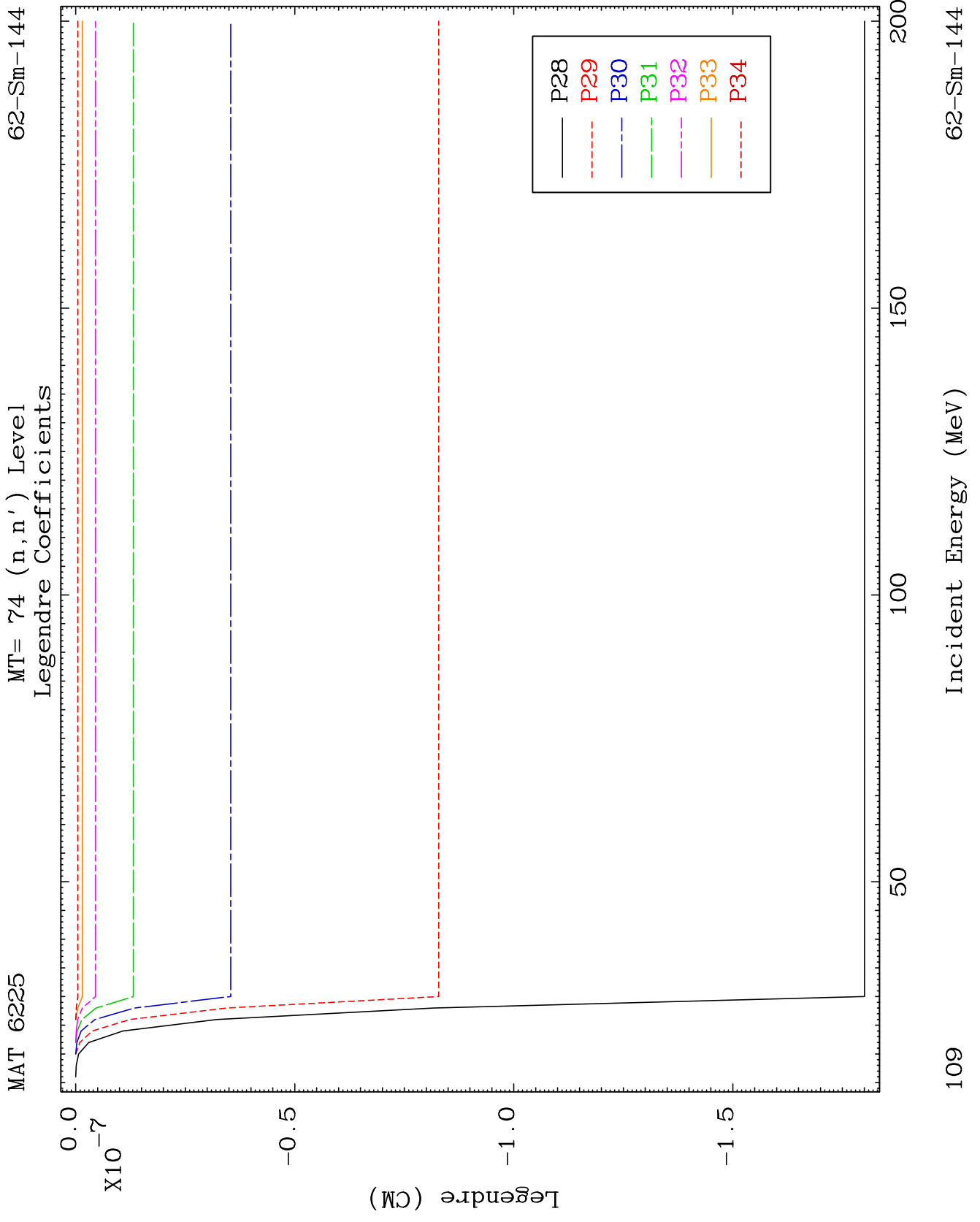


107

Incident Energy (MeV)

62-Sm-144

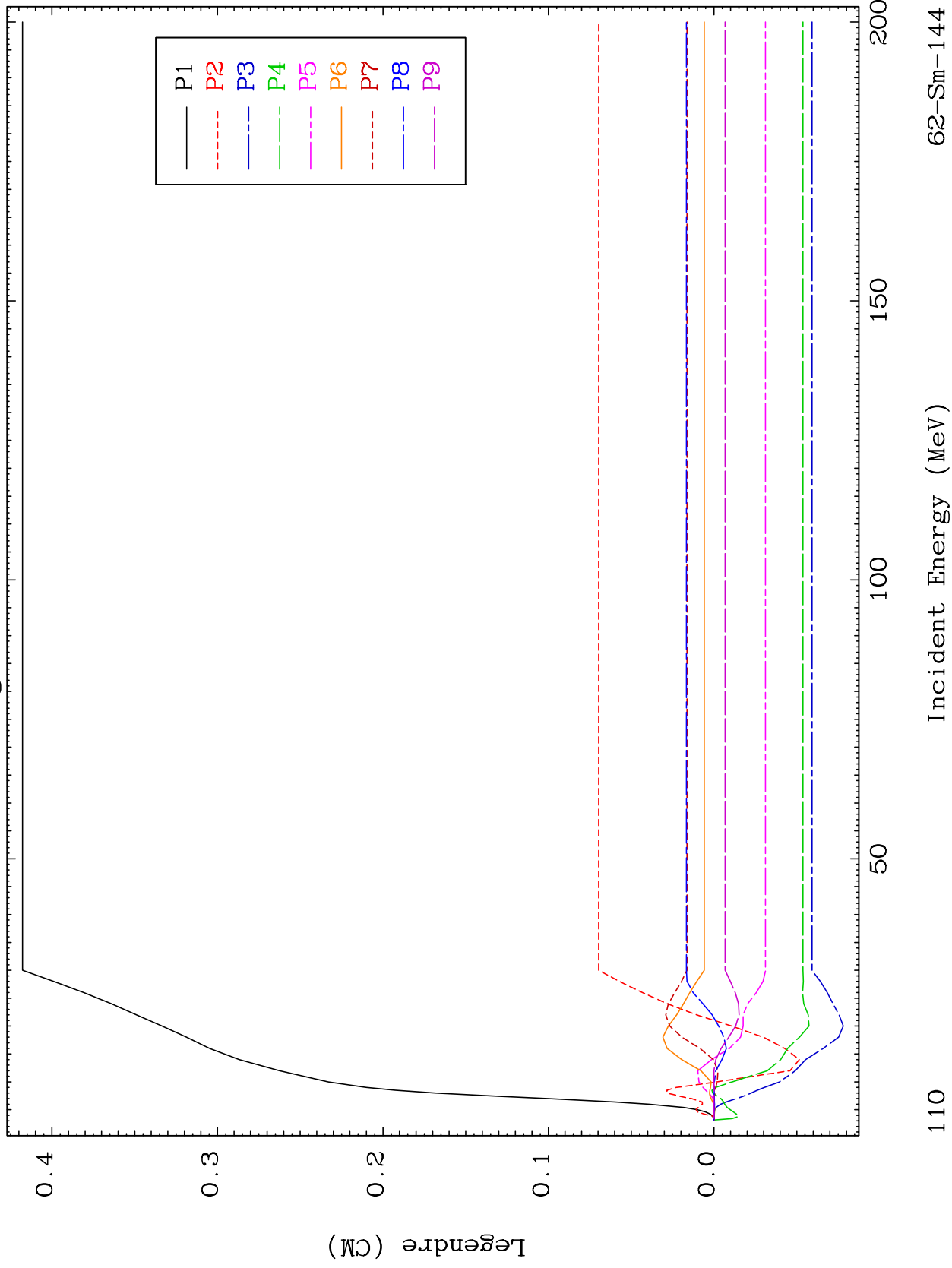




MAT 6225

MT= 75 (n,n') Level
Legendre Coefficients

62-Sm-144



62-Sm-144

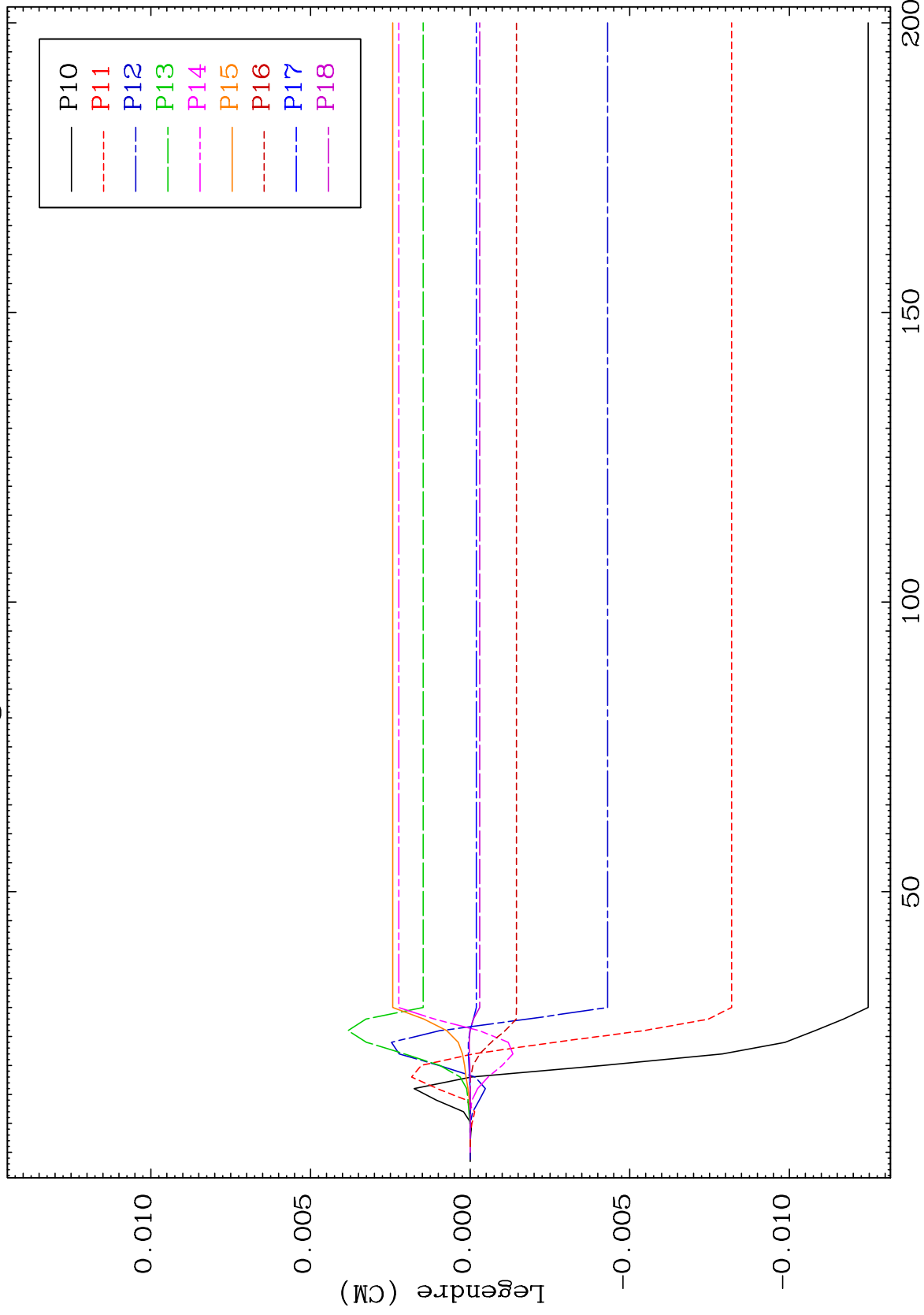
Incident Energy (MeV)

110

MAT 6225

MT= 75 (n,n') Level
Legendre Coefficients

62-Sm-144



111

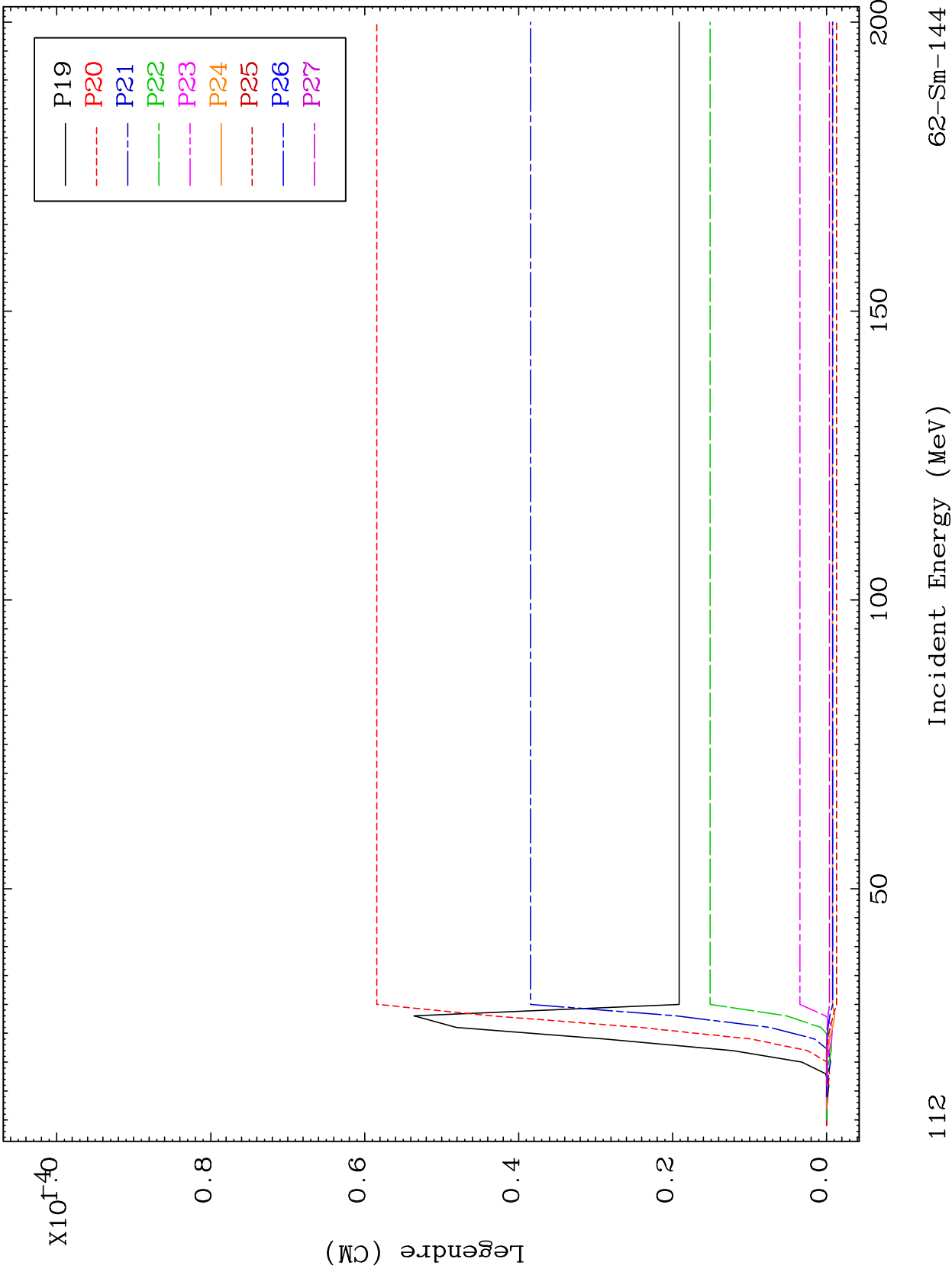
Incident Energy (MeV)

62-Sm-144

MAT 6225

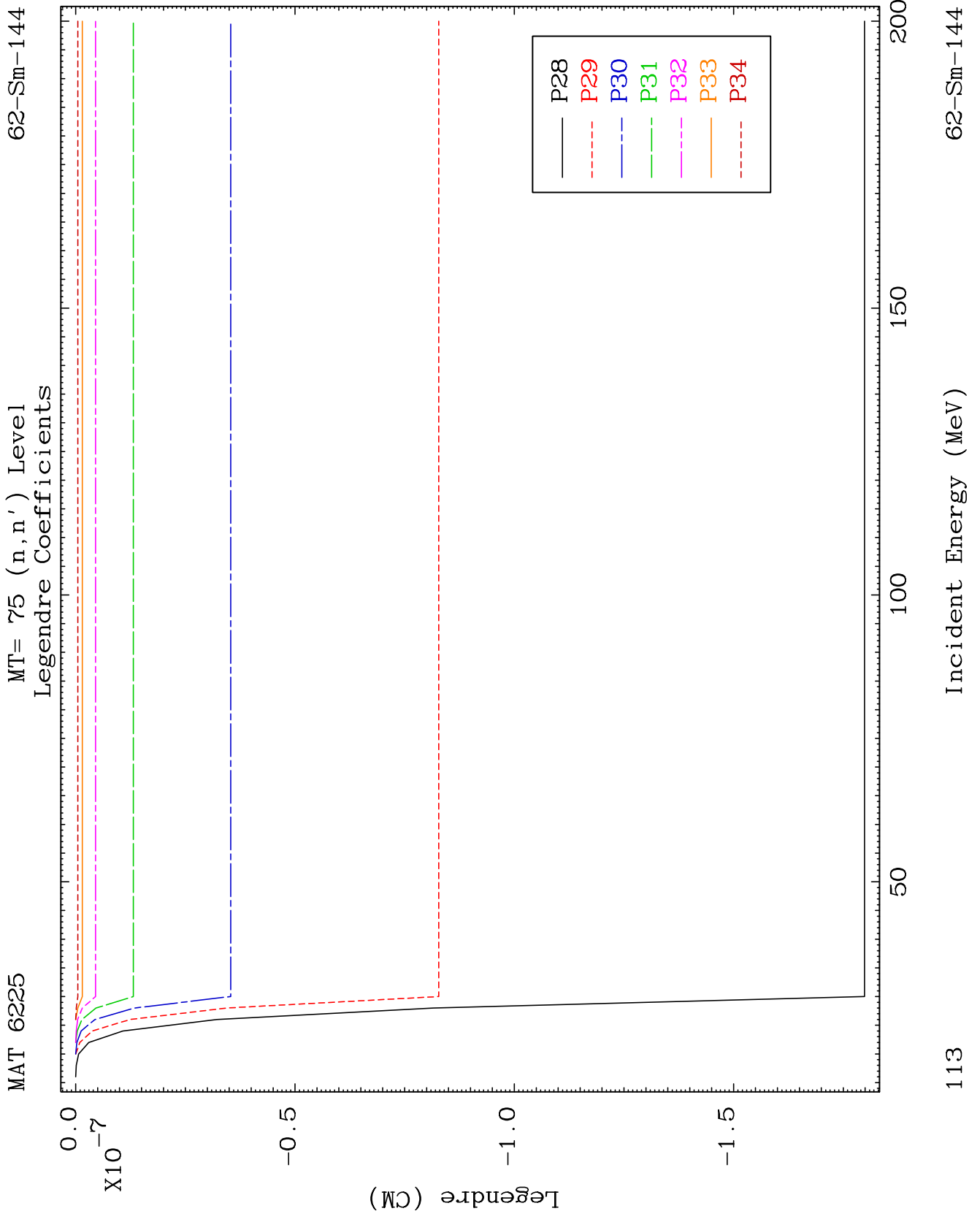
MT= 75 (n,n') Level
Legendre Coefficients

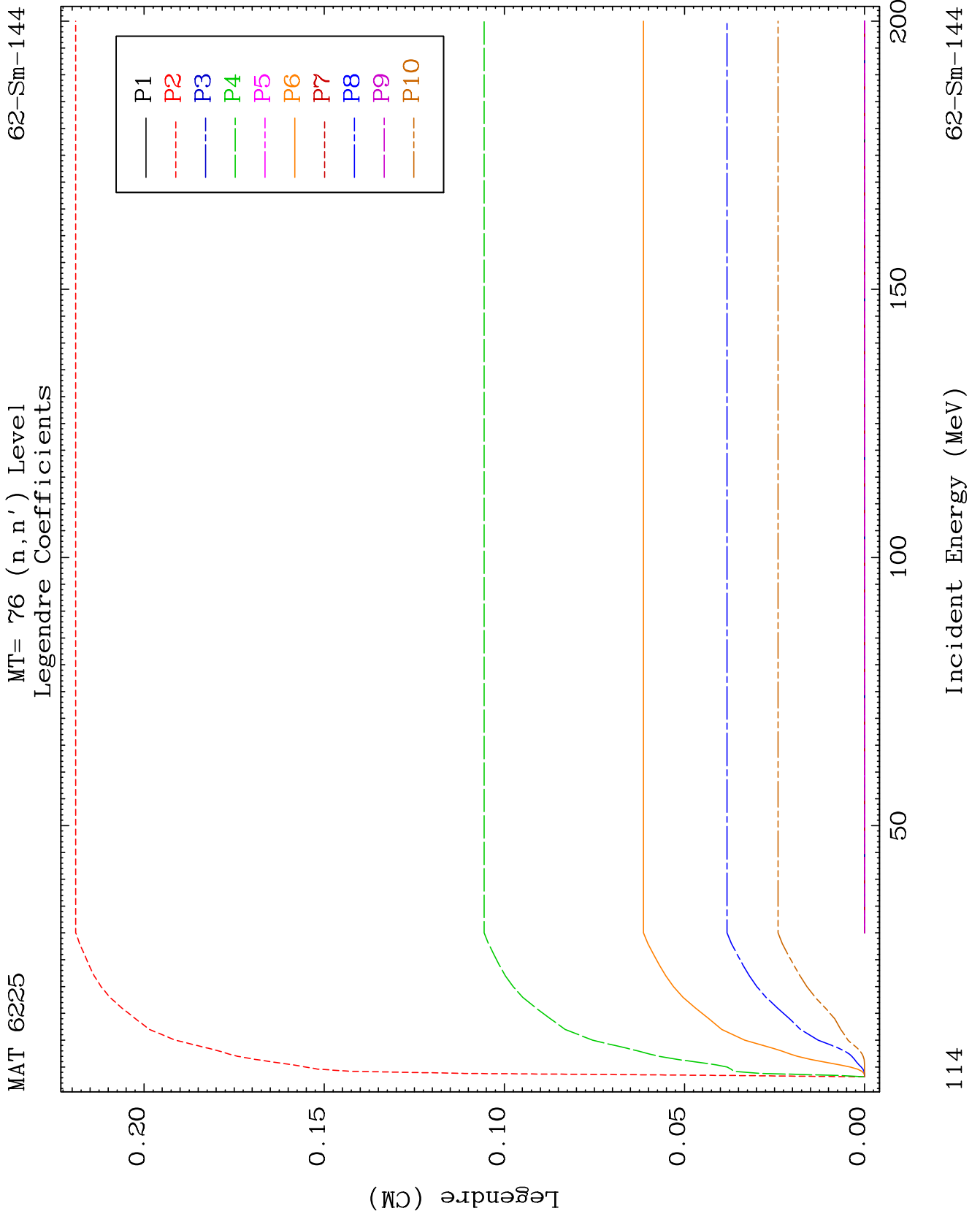
62-Sm-144

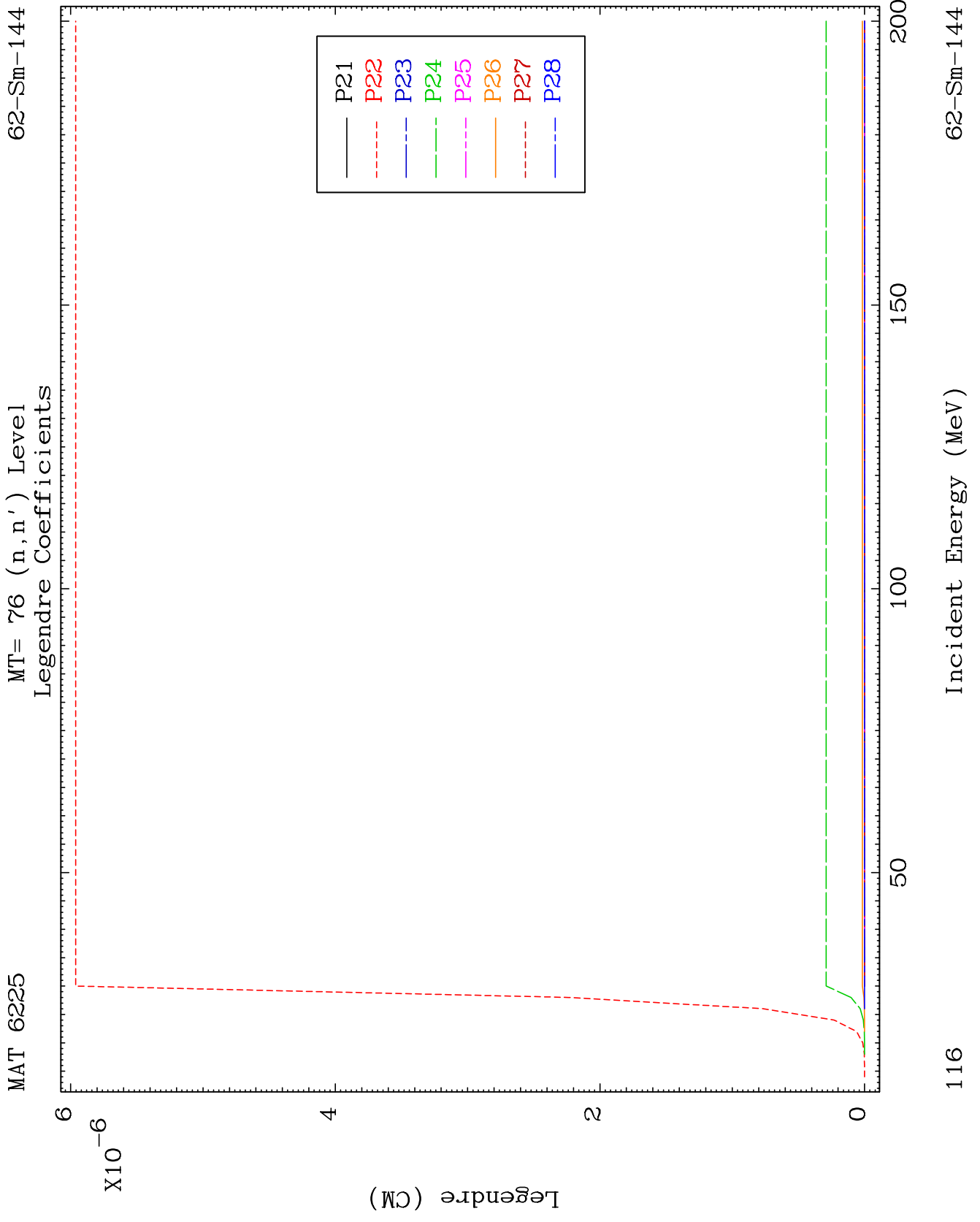


112

62-Sm-144



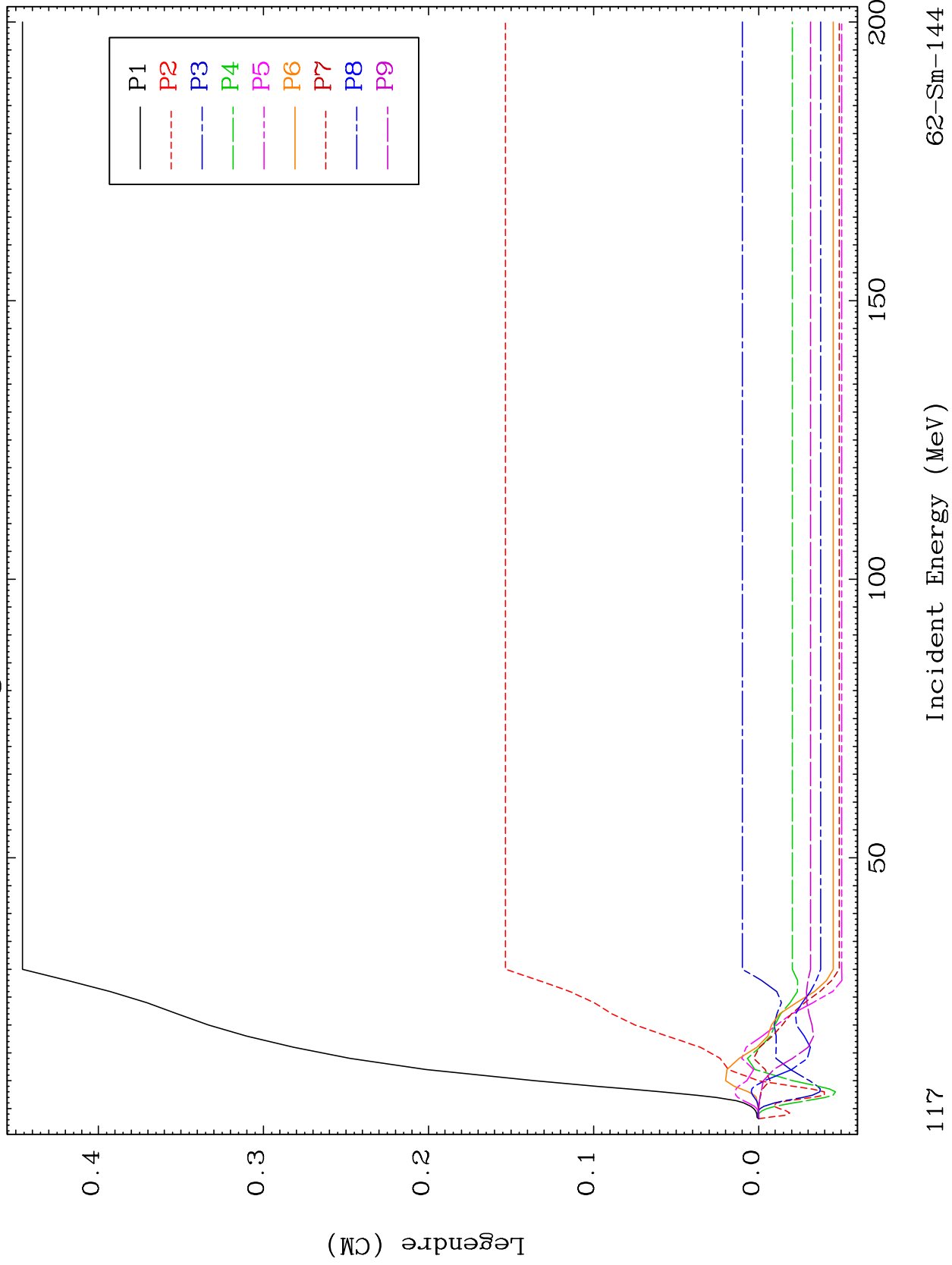




MAT 6225

MT= 77 (n,n') Level
Legendre Coefficients

62-Sm-144



117

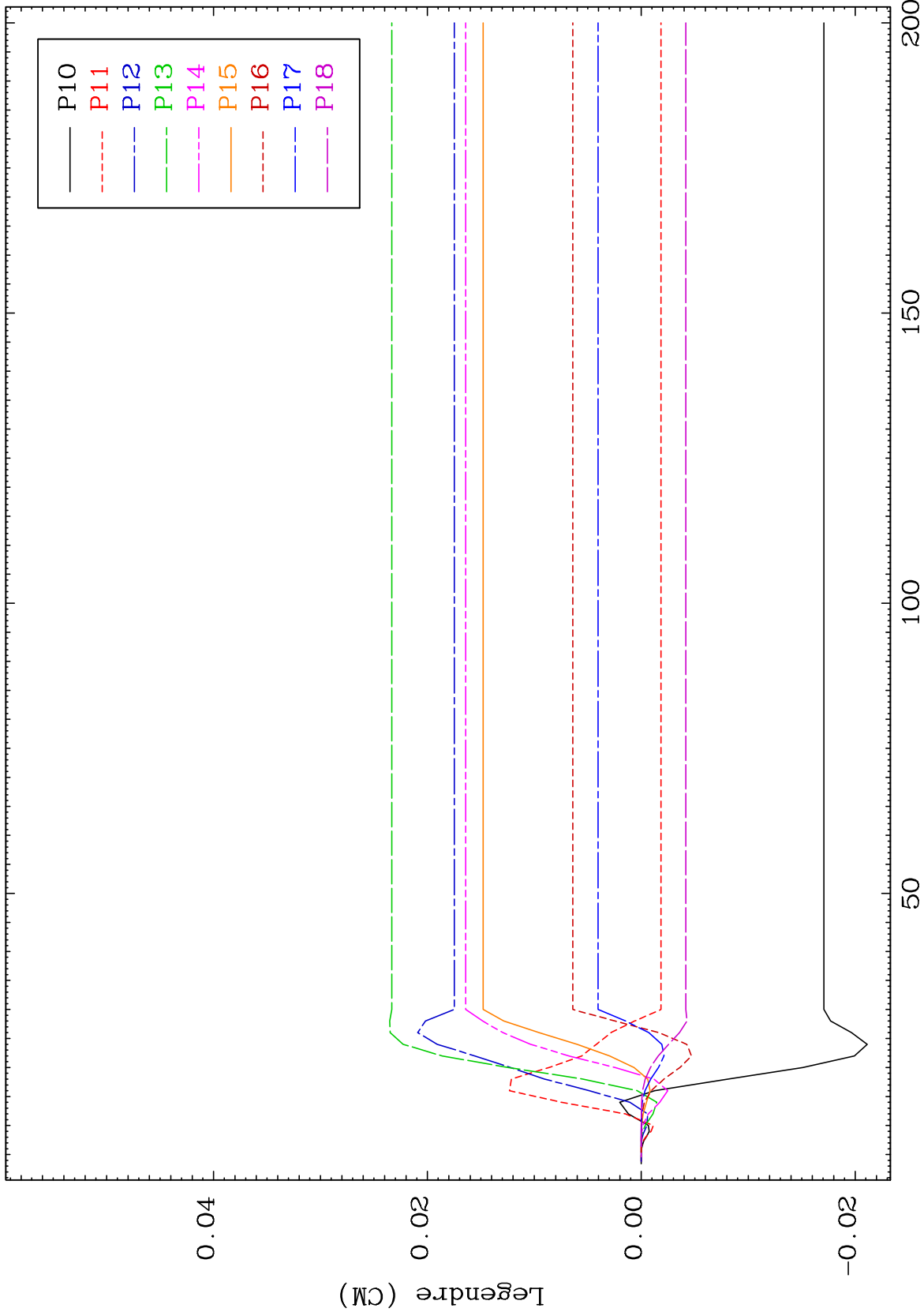
Incident Energy (MeV)

62-Sm-144

MAT 6225

MT= 77 (n,n') Level
Legendre Coefficients

62-Sm-144



118

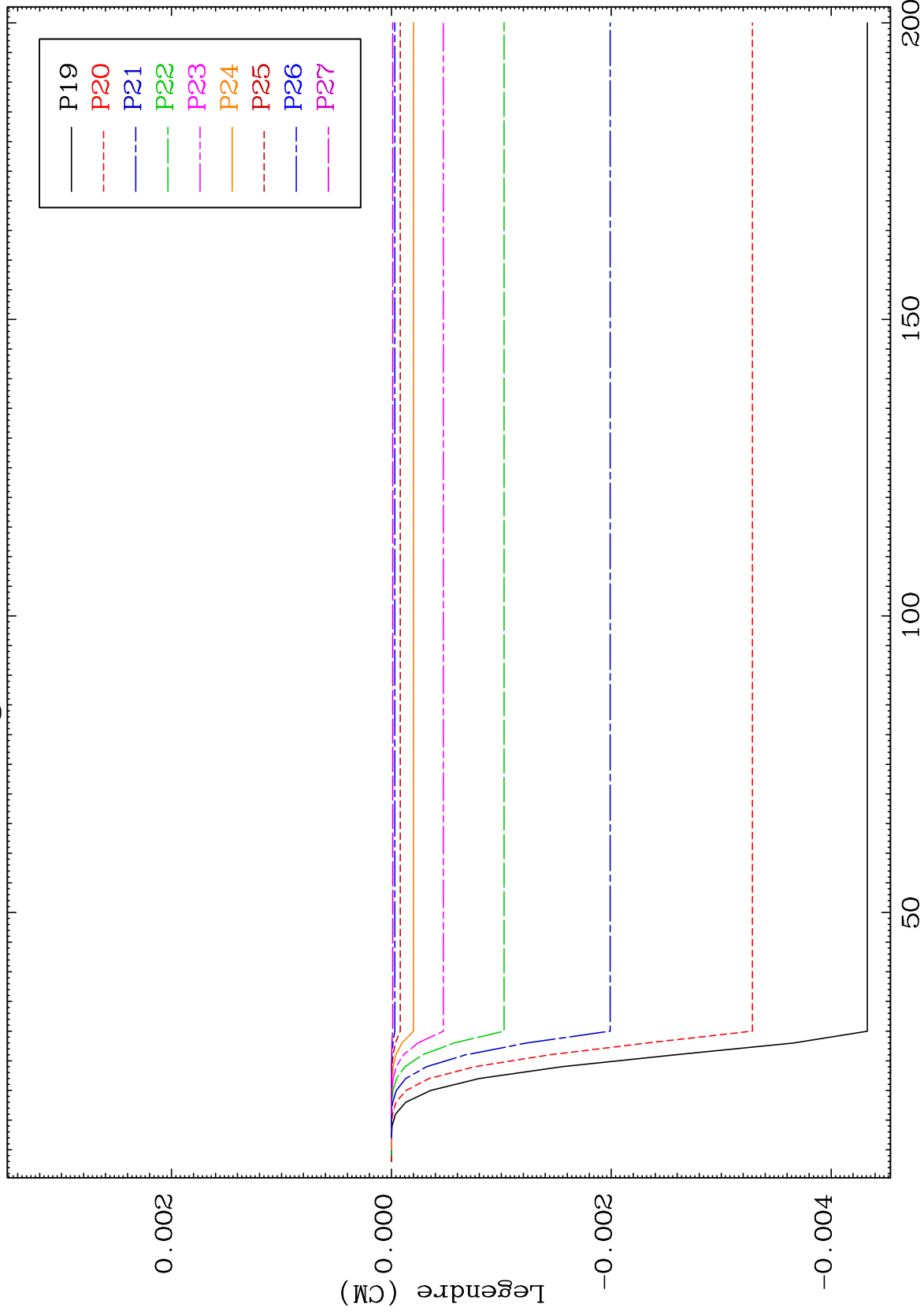
Incident Energy (MeV)

62-Sm-144

MAT 6225

MT= 77 (n,n') Level
Legendre Coefficients

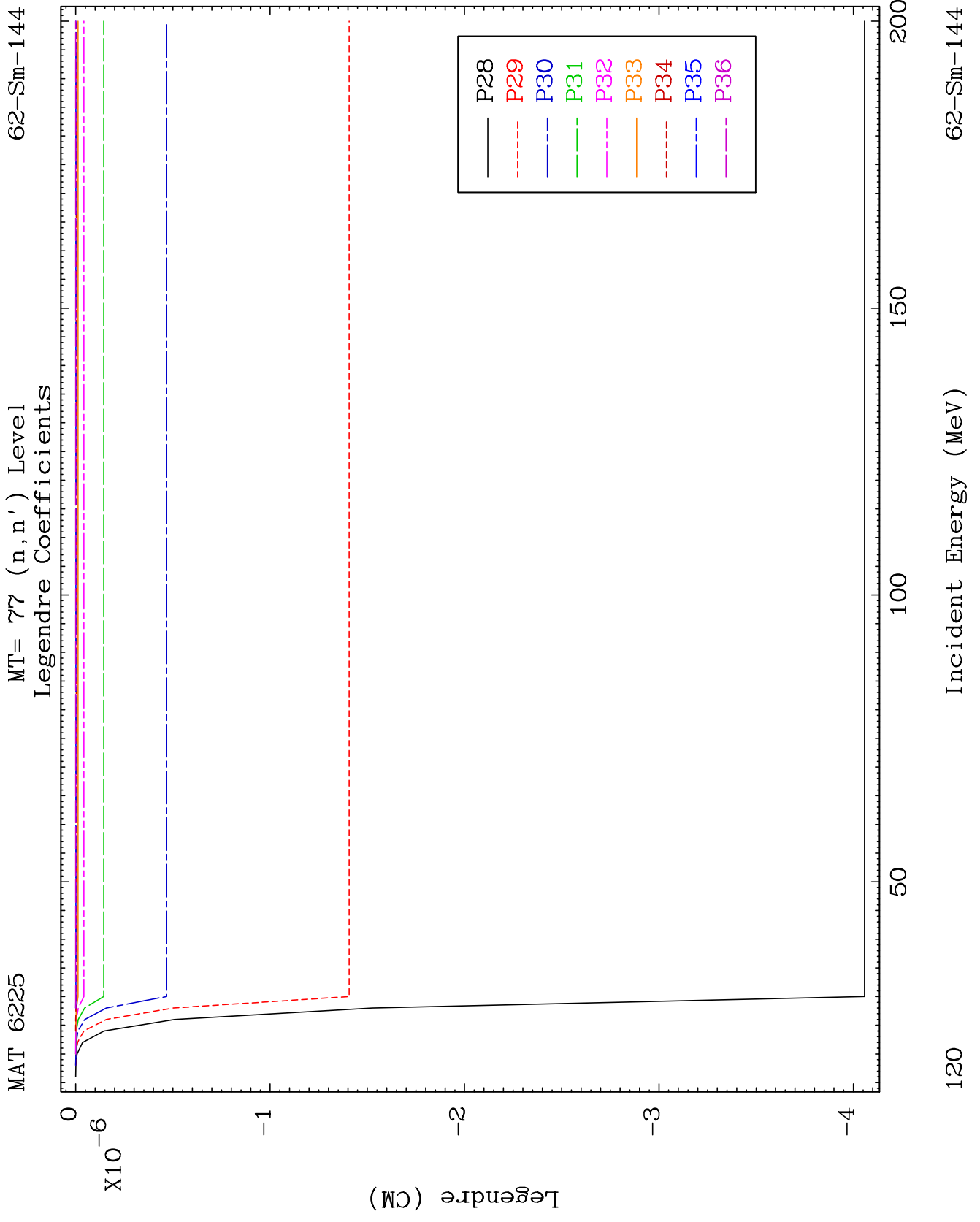
62-Sm-144



119

Incident Energy (MeV)

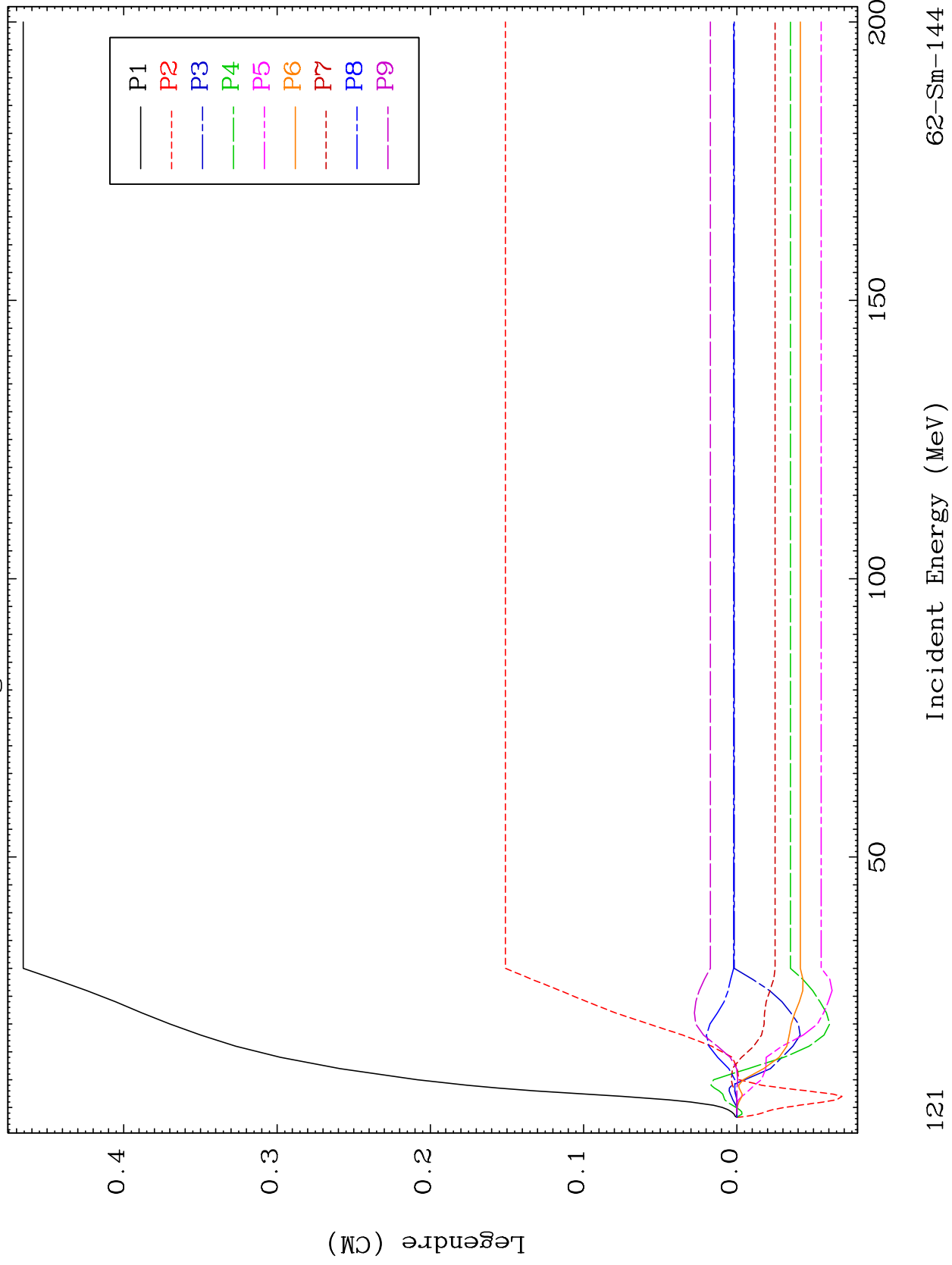
62-Sm-144



MAT 6225

MT= 78 (n,n') Level
Legendre Coefficients

62-Sm-144



121

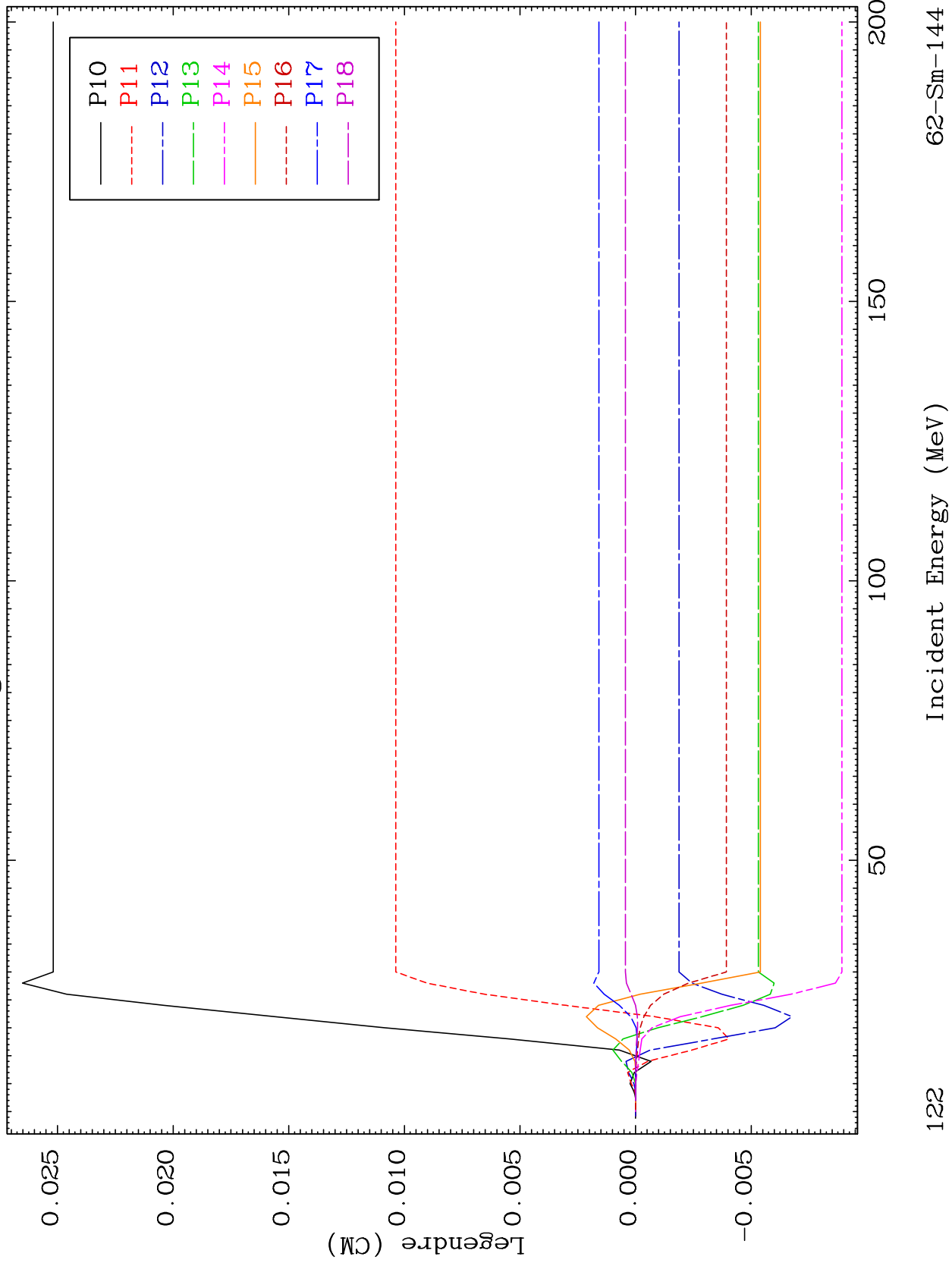
Incident Energy (MeV)

62-Sm-144

MAT 6225

MT= 78 (n,n') Level
Legendre Coefficients

62-Sm-144

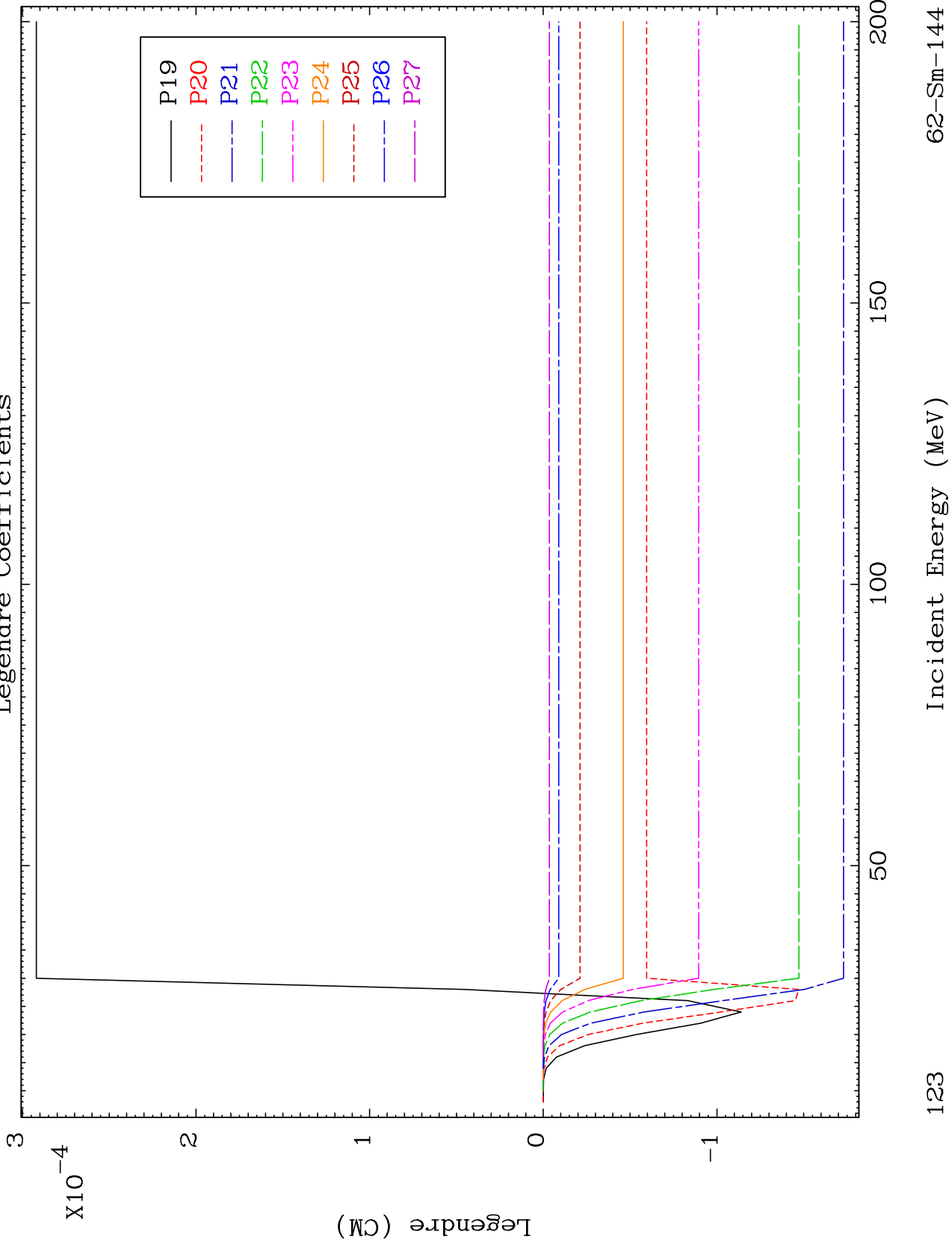


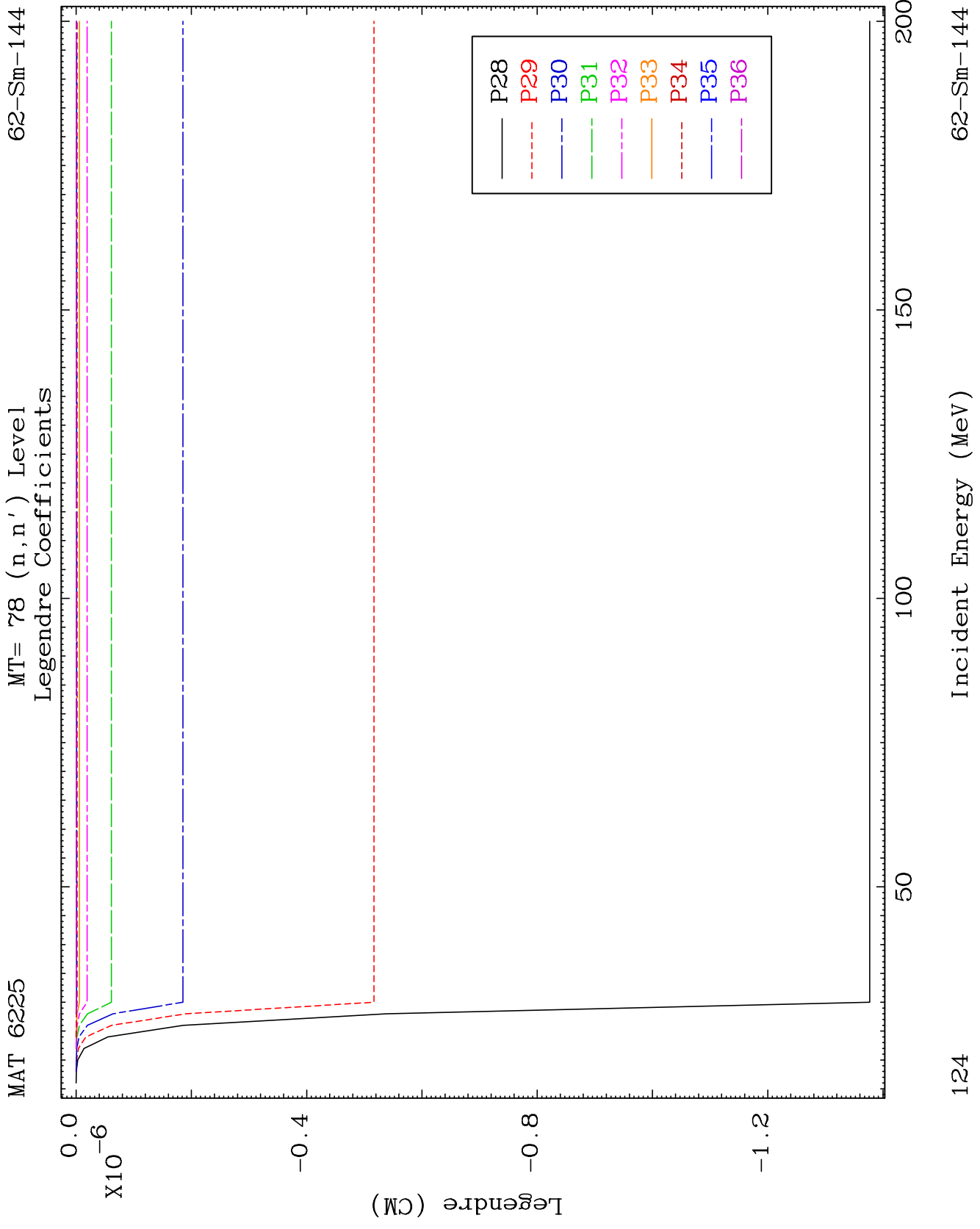
122

MAT 6225

MT= 78 (n,n') Level
Legendre Coefficients

62-Sm-144

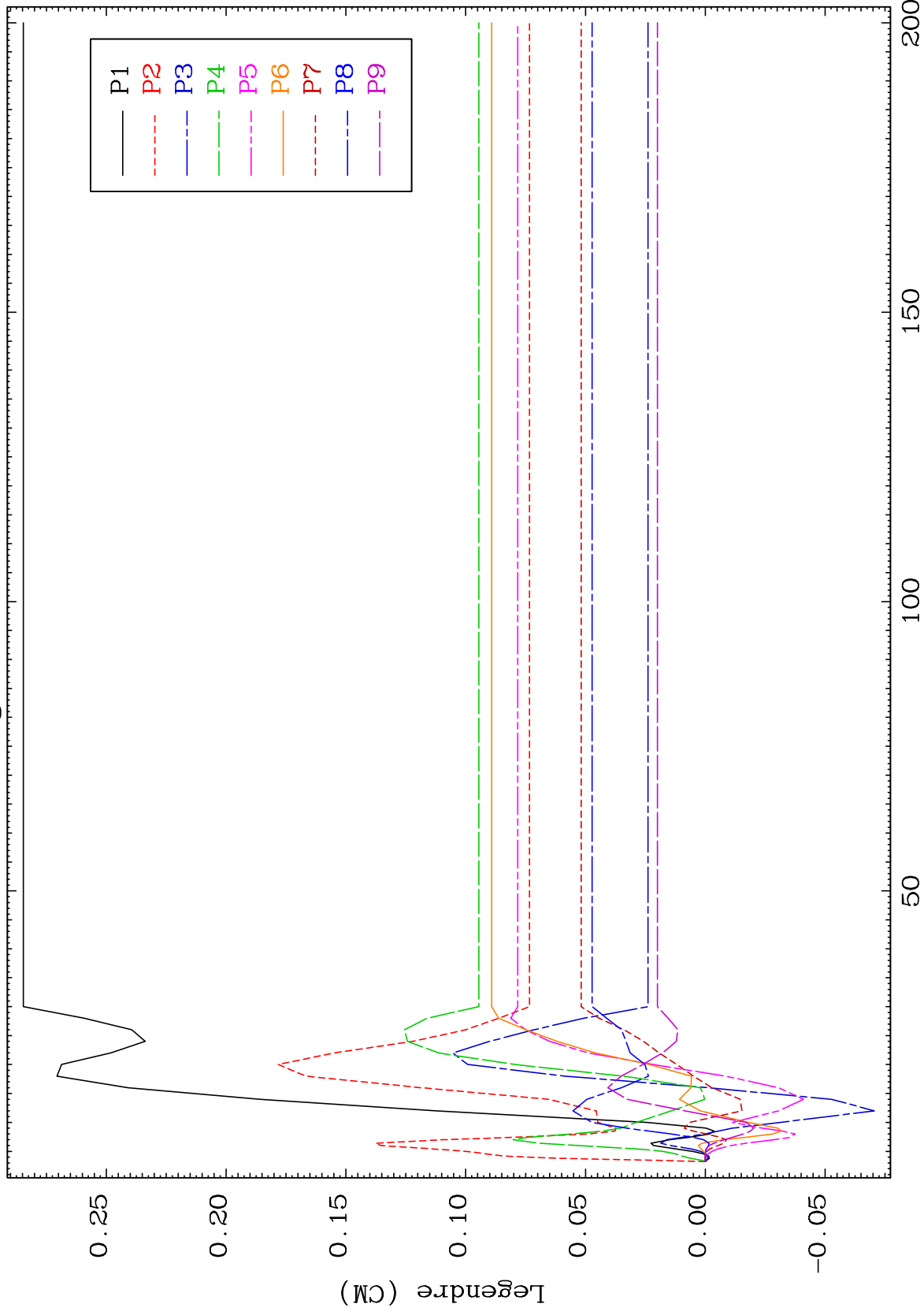




MAT 6225

MT= 79 (n,n') Level
Legendre Coefficients

62-Sm-144



125

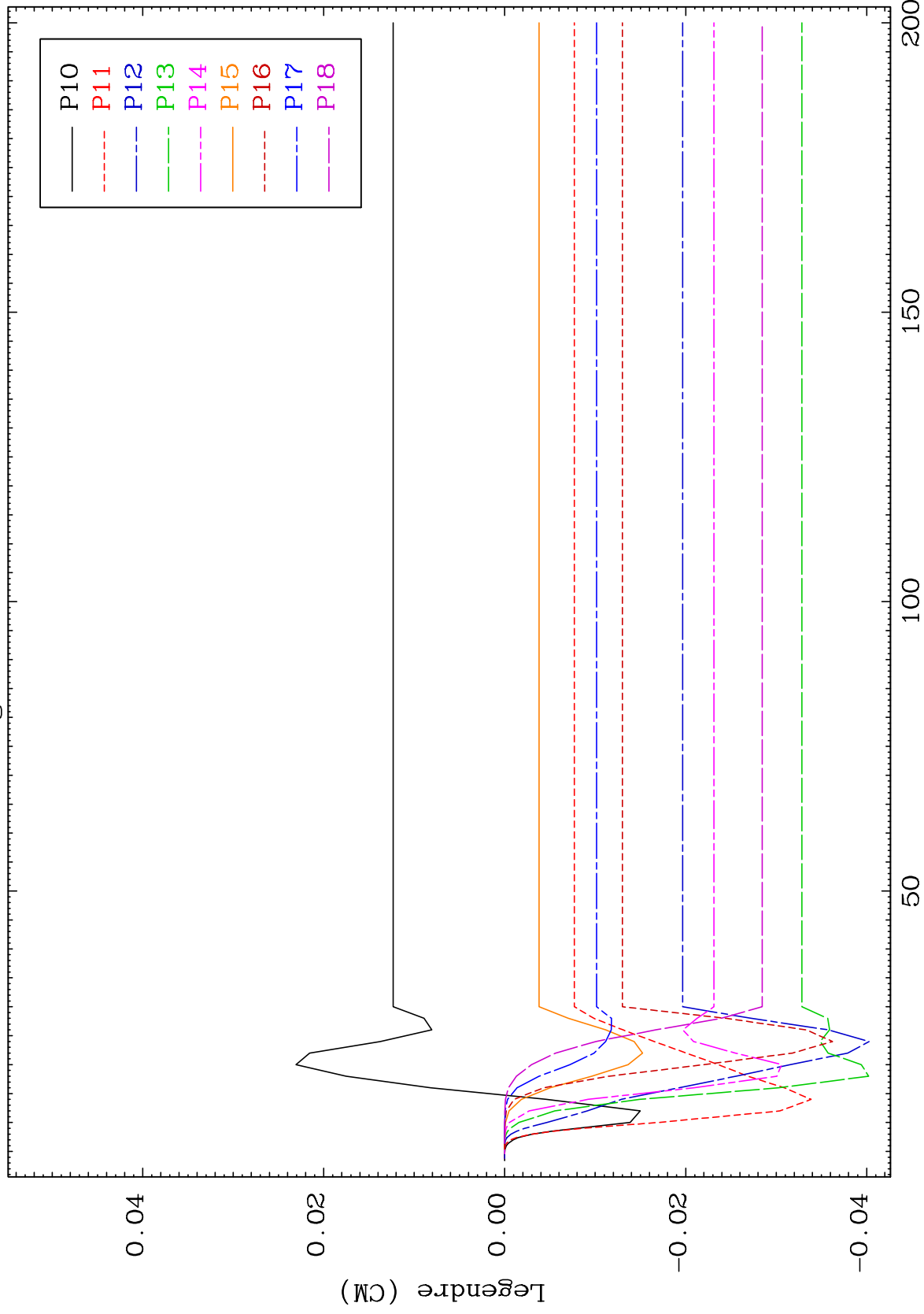
Incident Energy (MeV)

62-Sm-144

MAT 6225

MT= 79 (n,n') Level
Legendre Coefficients

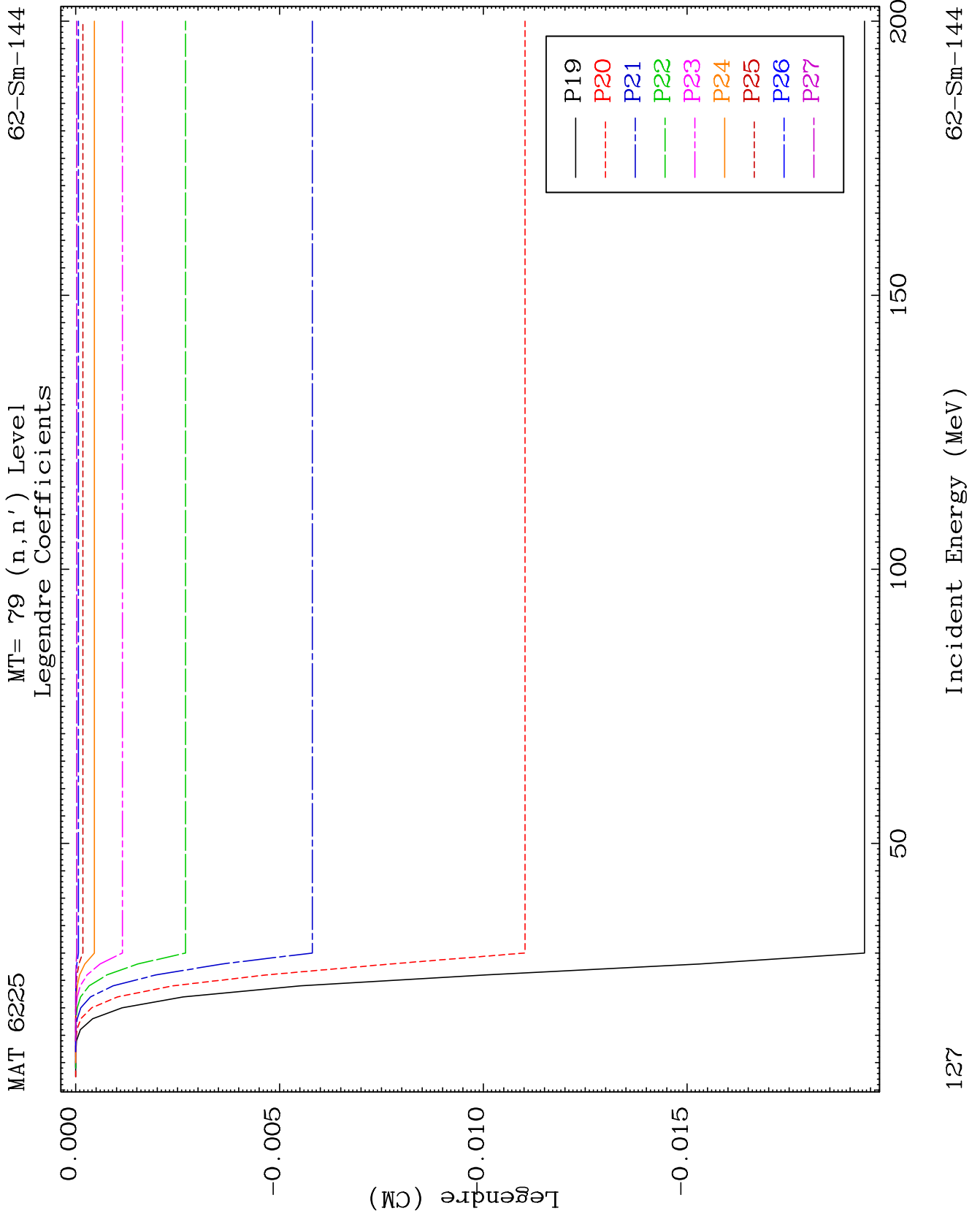
62-Sm-144

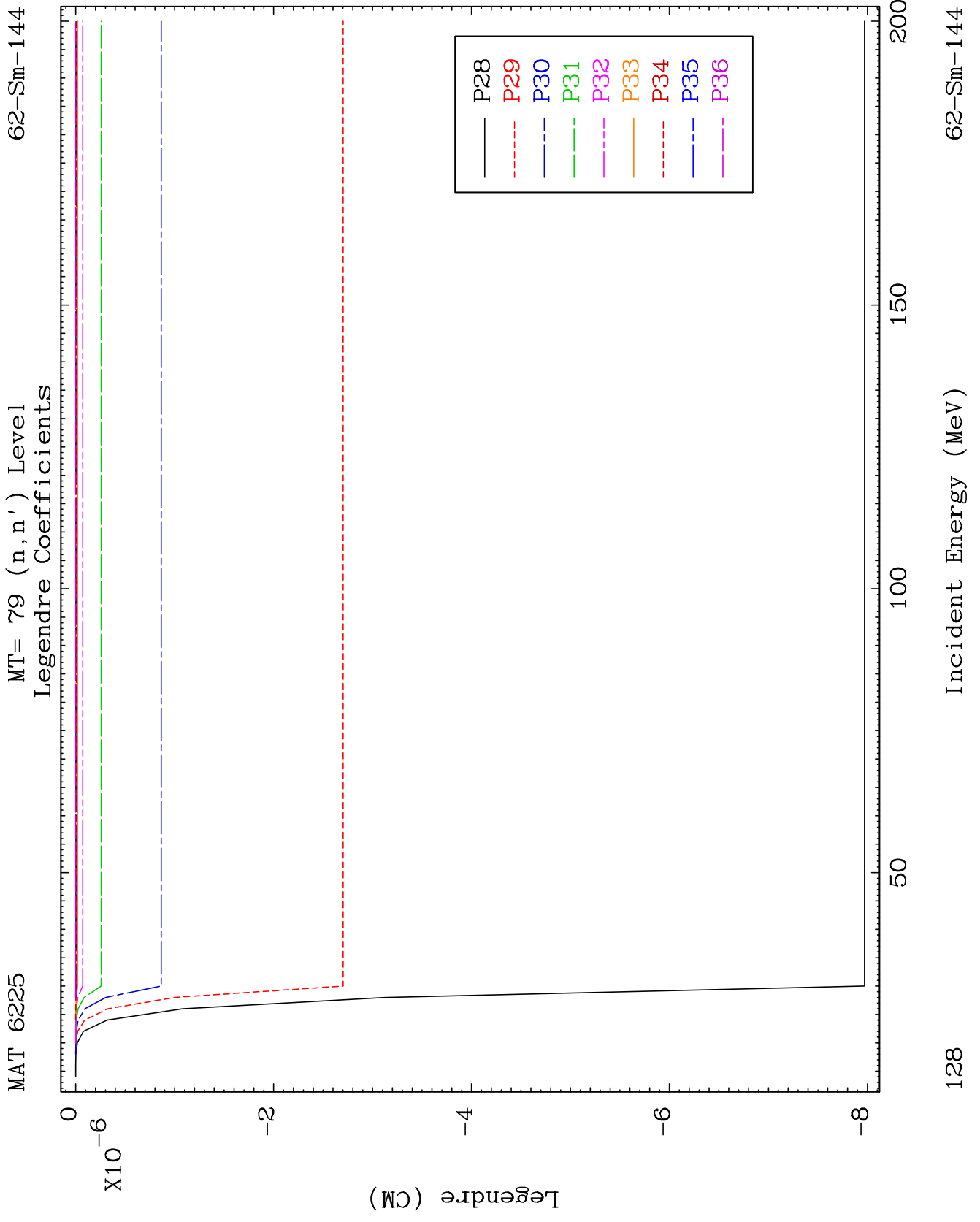


126

Incident Energy (MeV)

62-Sm-144

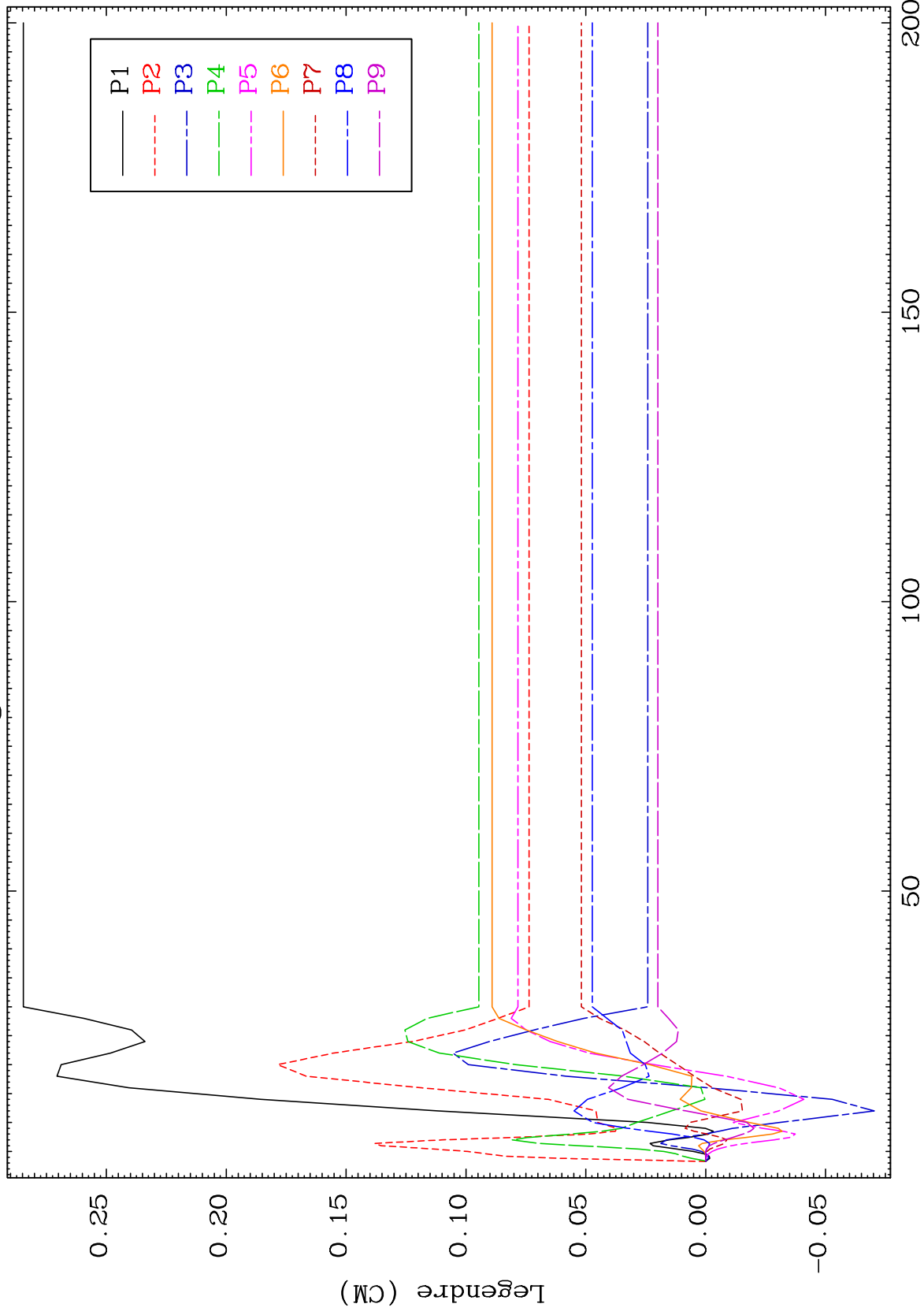




MAT 6225

MT= 80 (n,n') Level
Legendre Coefficients

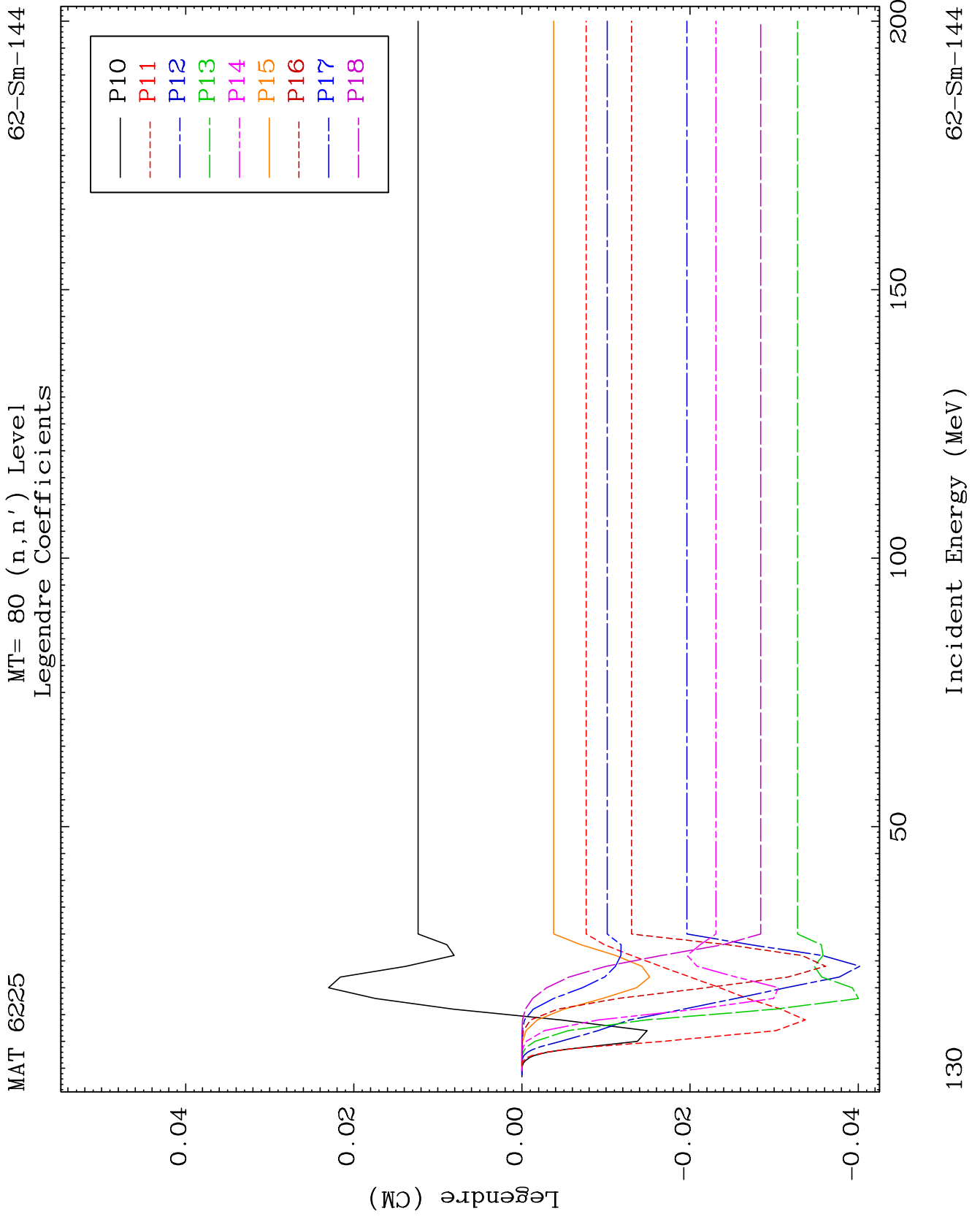
62-Sm-144

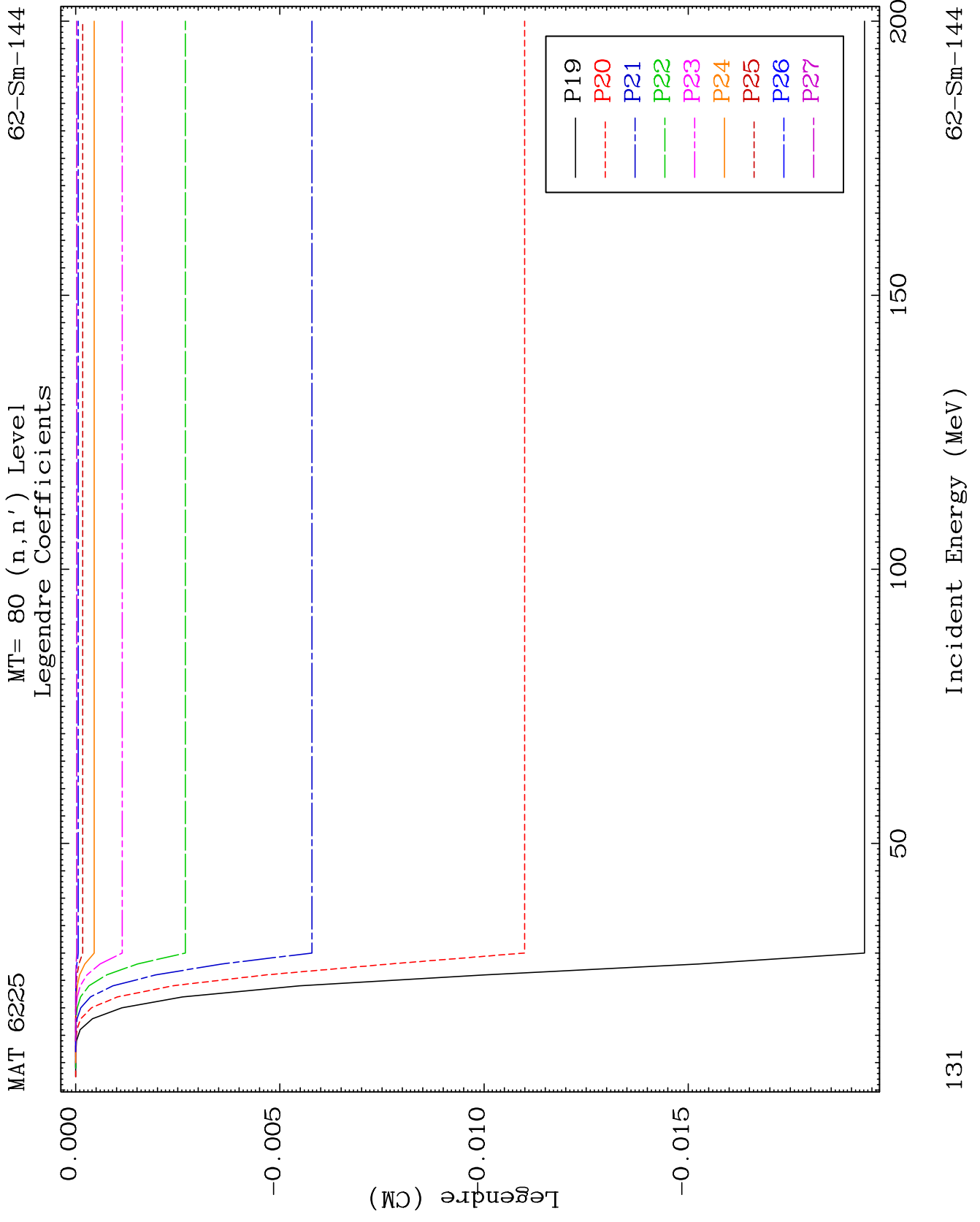


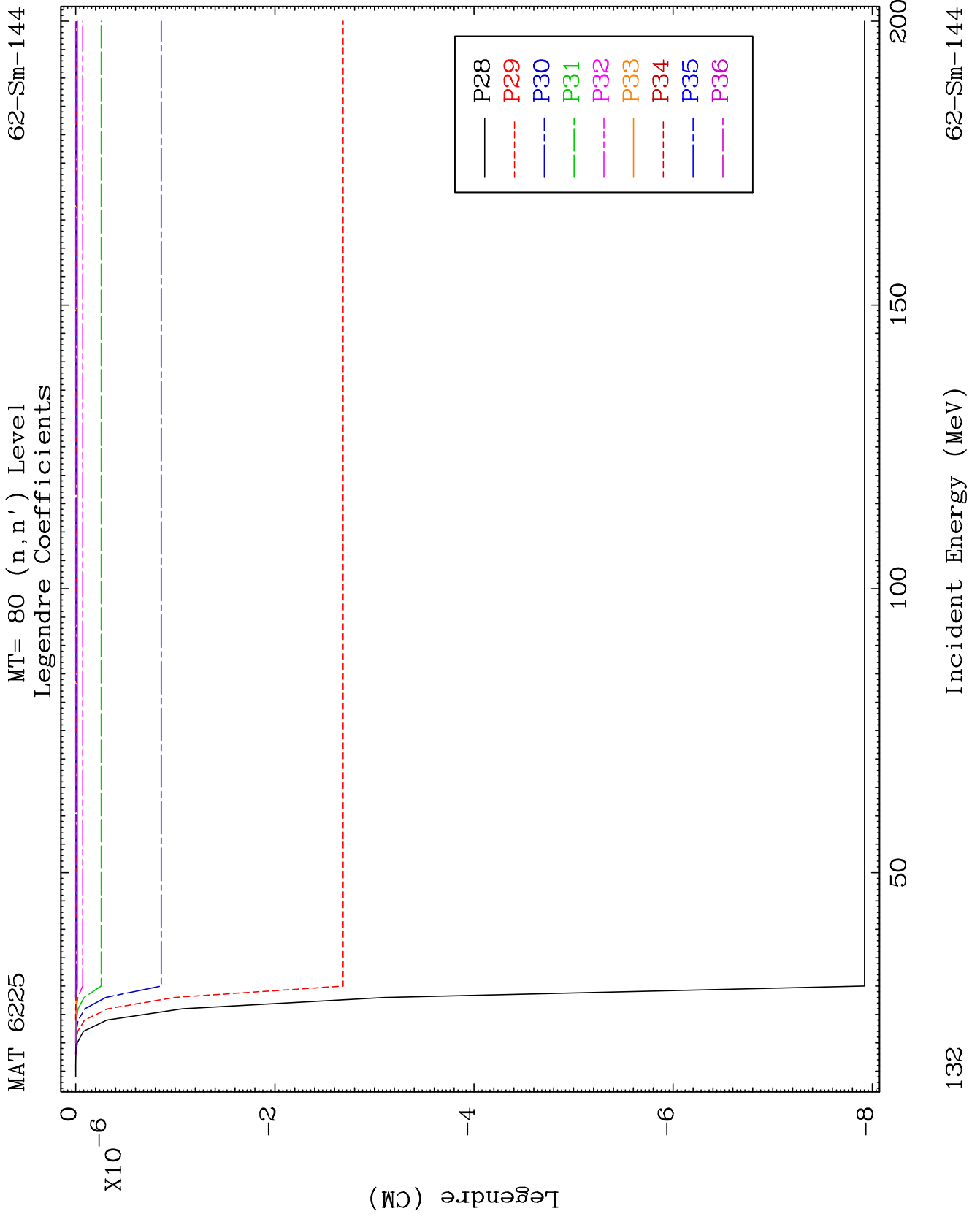
129

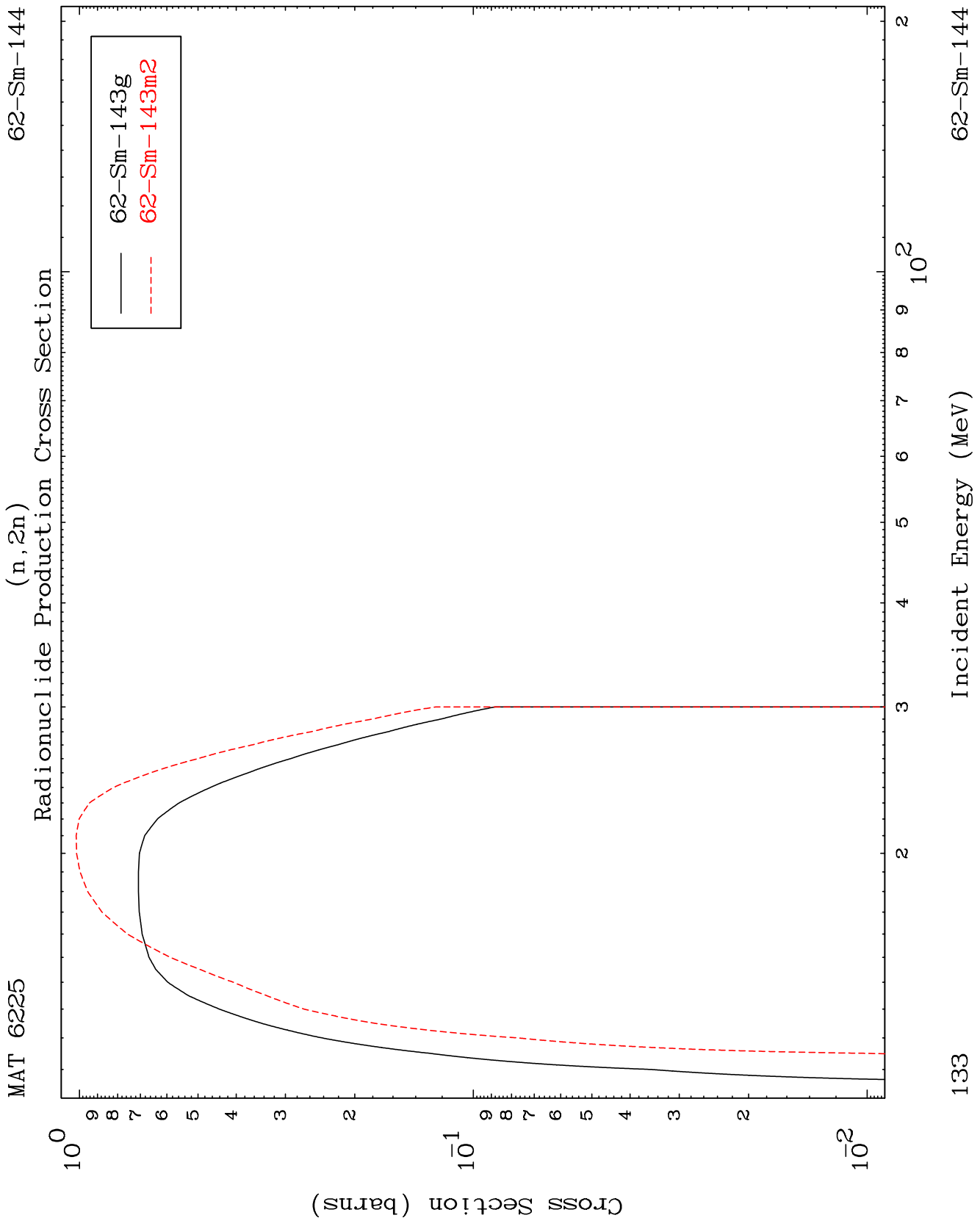
Incident Energy (MeV)

62-Sm-144







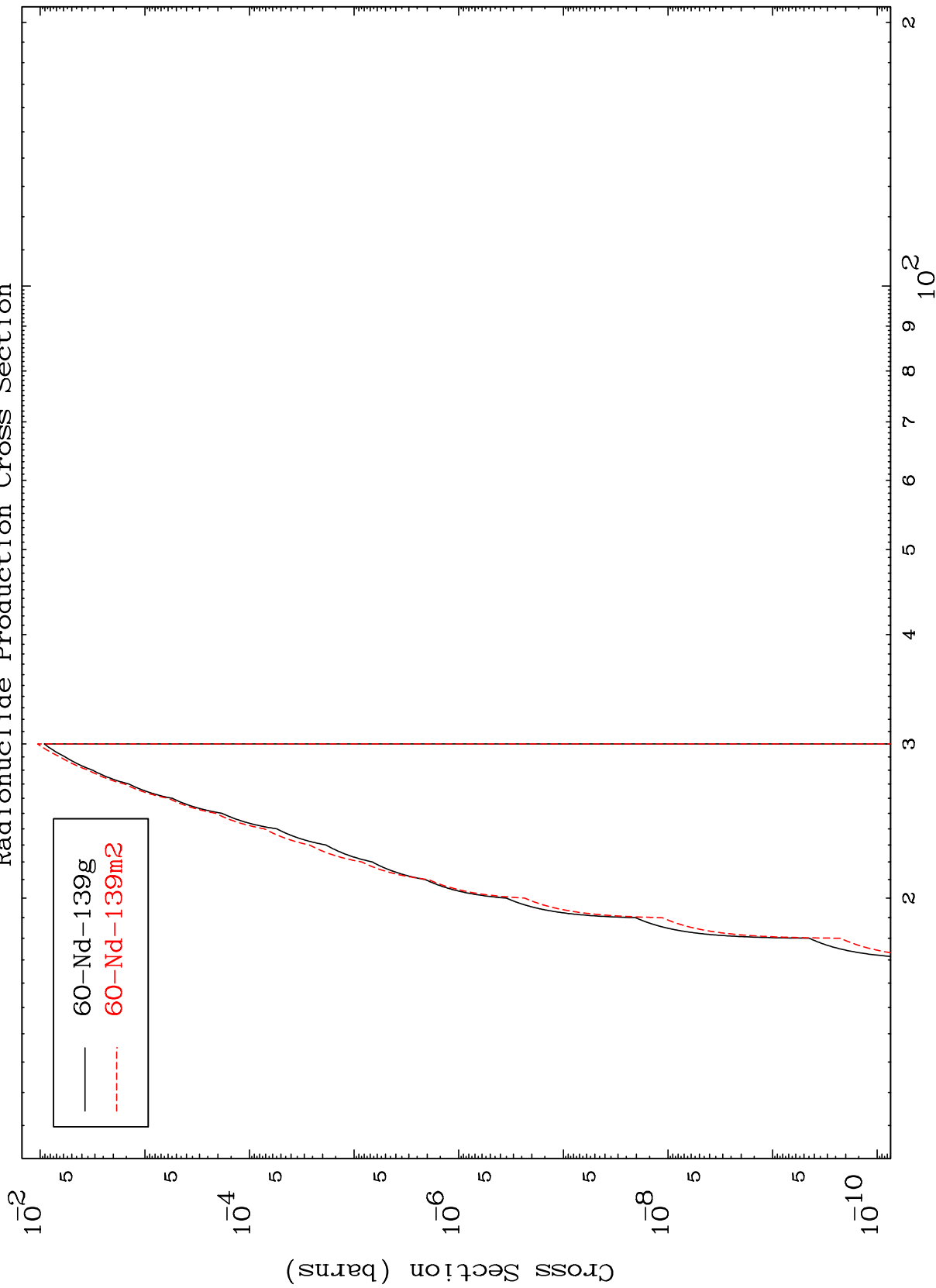


MAT 6225

(n,2n) α

62-Sm-144

Radionuclide Production Cross Section



134

Incident Energy (MeV)

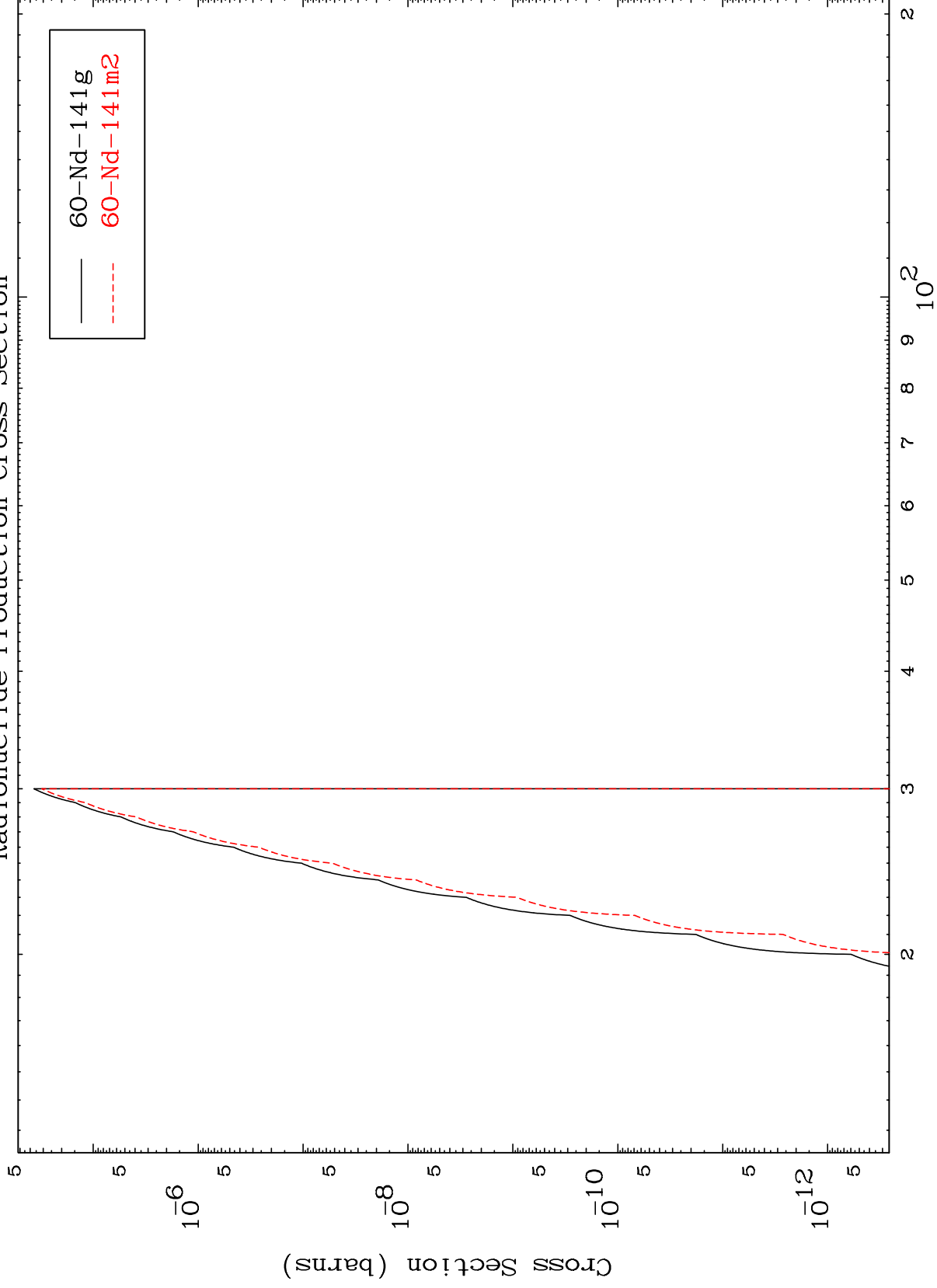
62-Sm-144

MAT 6225

(n,n') He-3

62-Sm-144

Radionuclide Production Cross Section



135

Incident Energy (MeV)

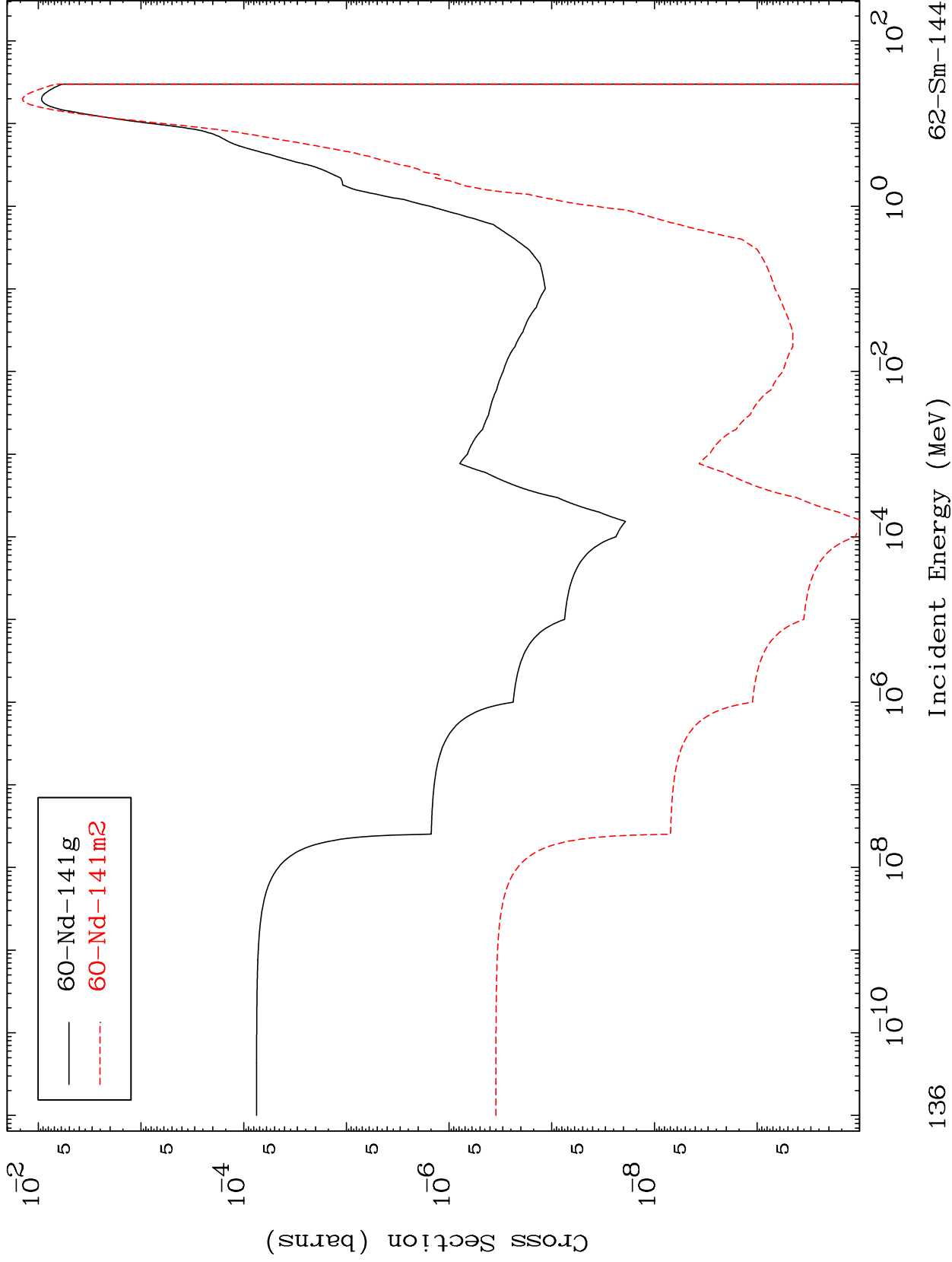
62-Sm-144

MAT 6225

(n, α)

62-Sm-144

Radionuclide Production Cross Section

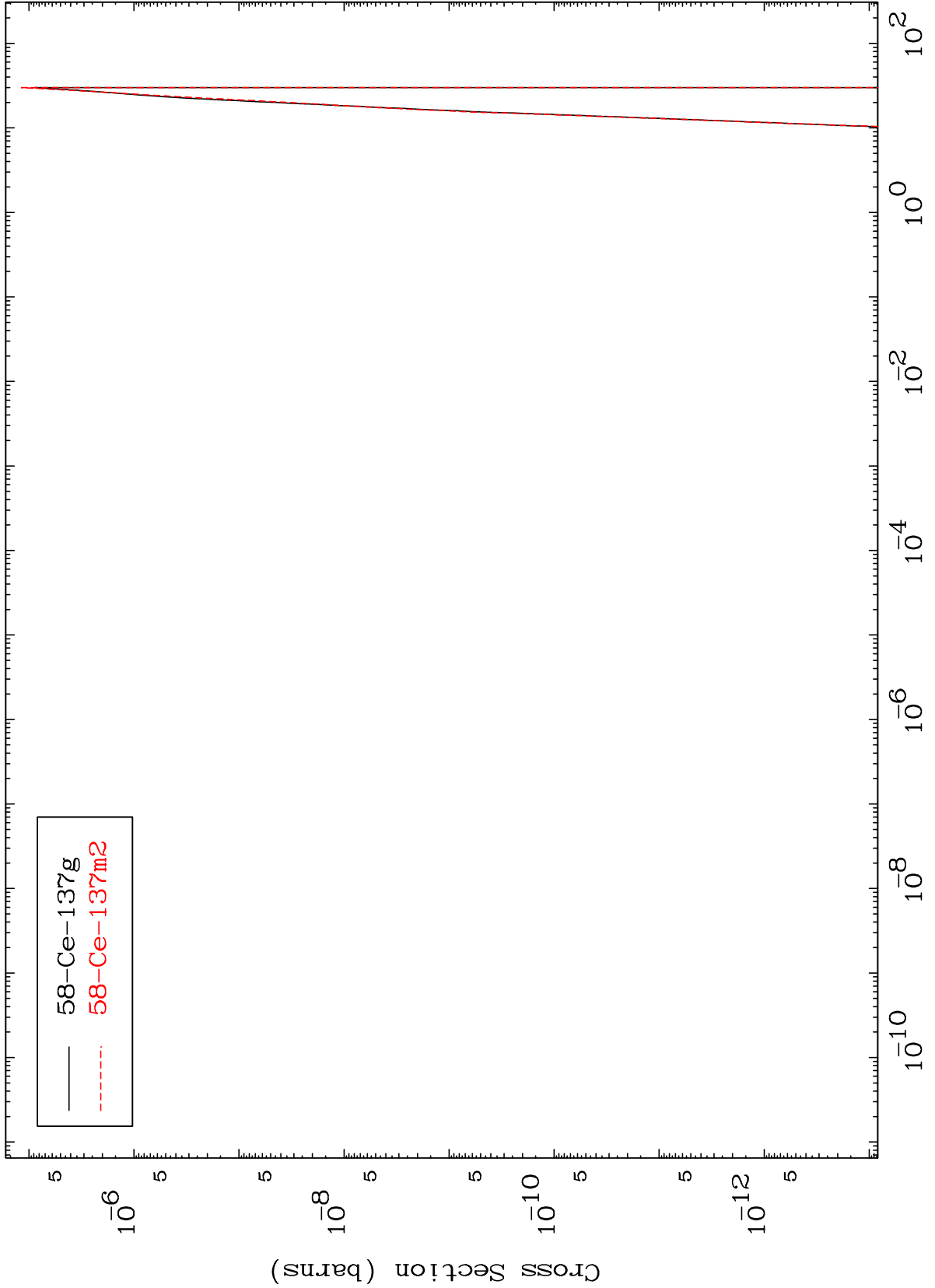


MAT 6225

(n,2α)

62-Sm-144

Radionuclide Production Cross Section



137

Incident Energy (MeV)

62-Sm-144

Radionuclide Production Cross Section

