

Program EVALPLOT
(Version 2021-1)

by

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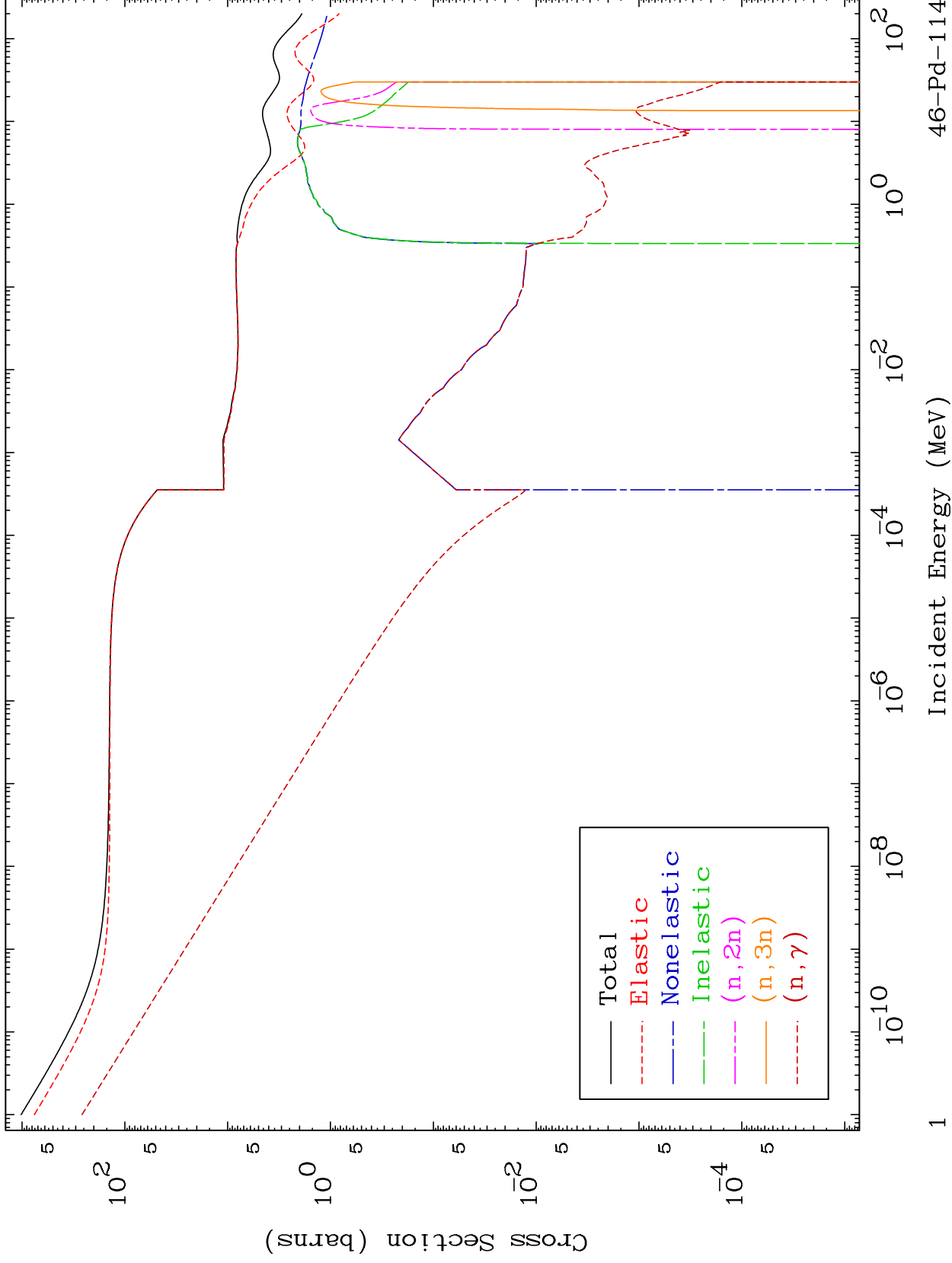
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Press Mouse Button to Start

MAT 4661

Neutron Major
293 Kelvin Cross Sections

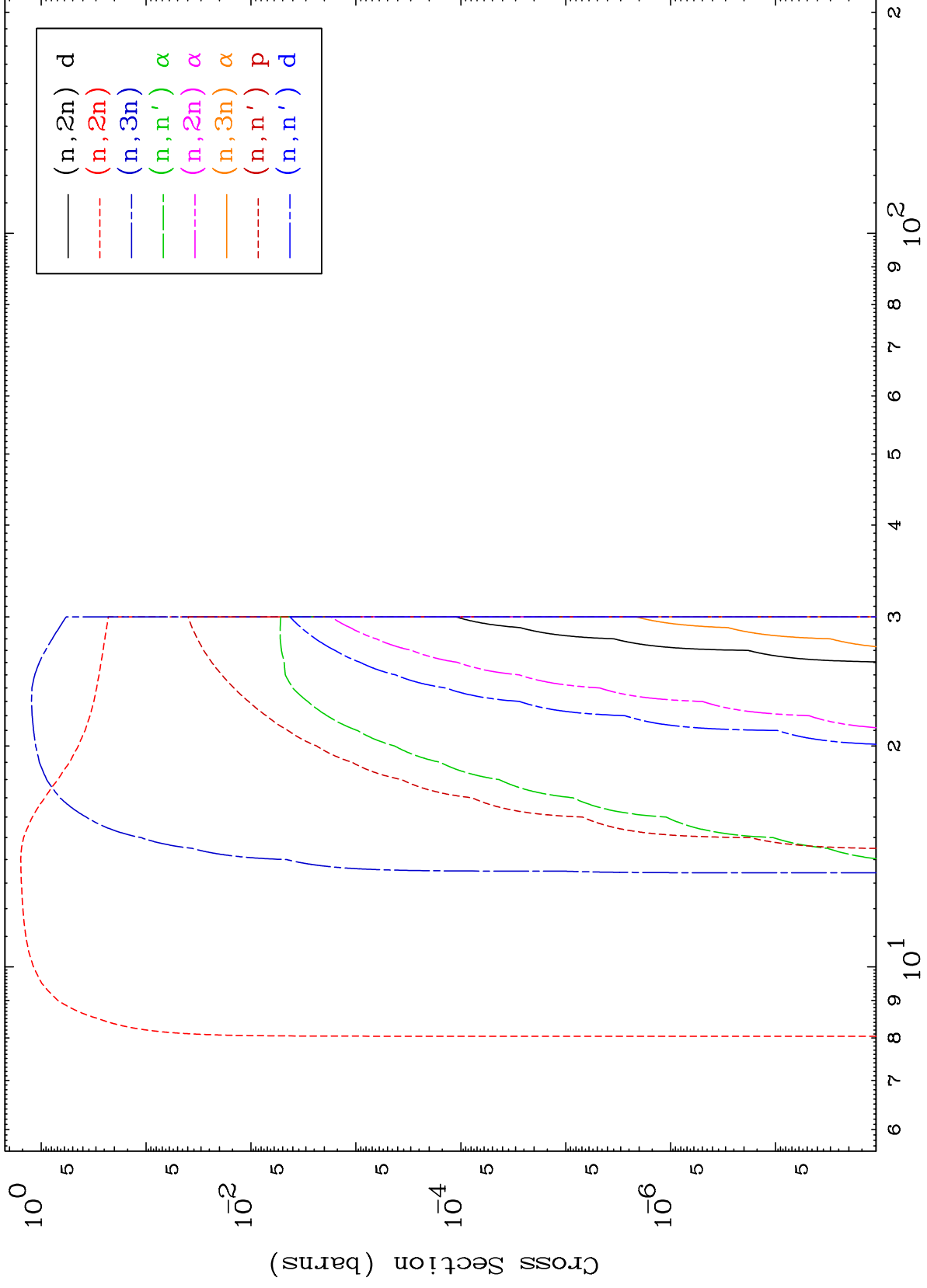
46-Pd-114



MAT 4661

Neutron Absorption
293 Kelvin Cross Sections

46-Pd-114



2

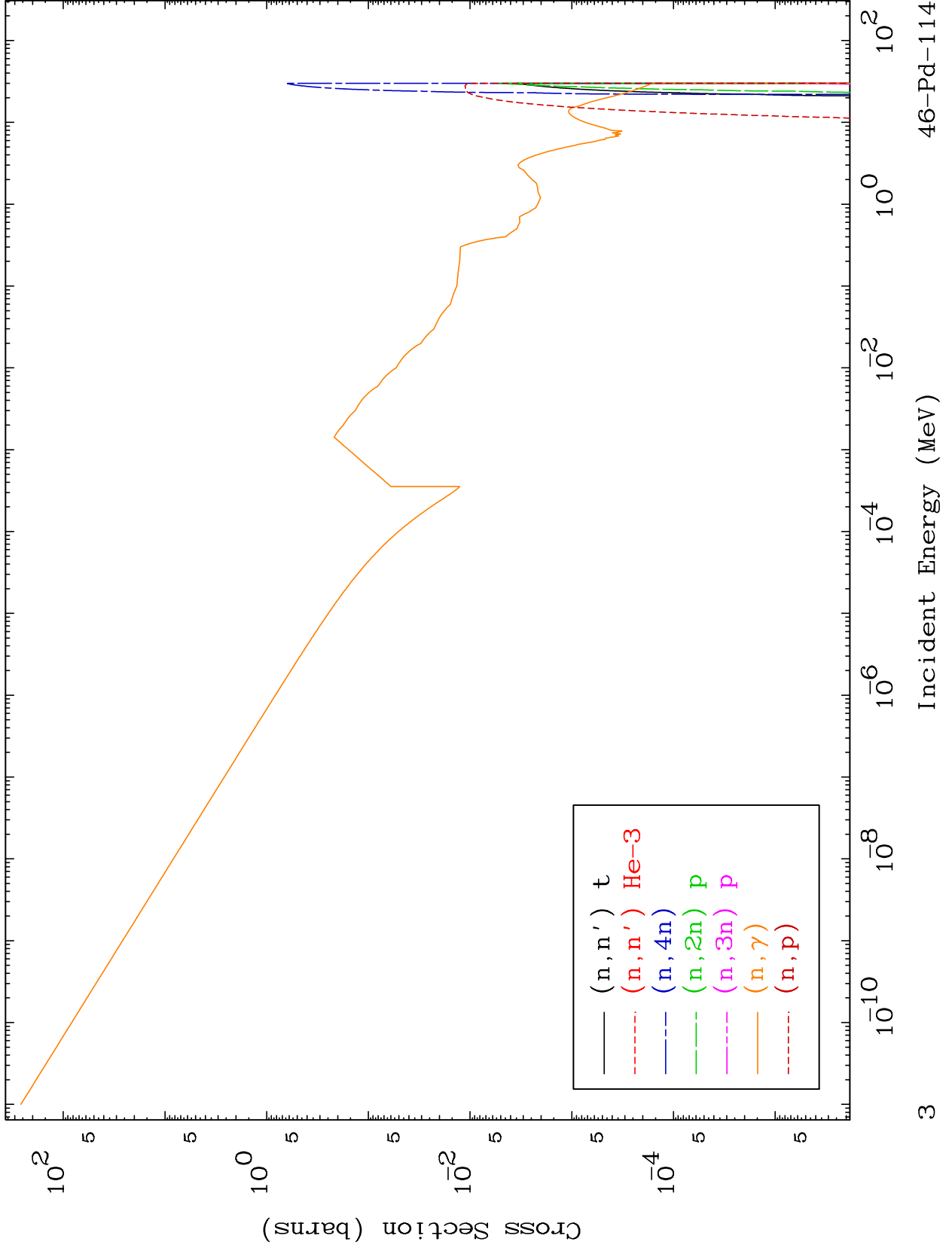
Incident Energy (MeV)

46-Pd-114

MAT 4661

Neutron Absorption
293 Kelvin Cross Sections

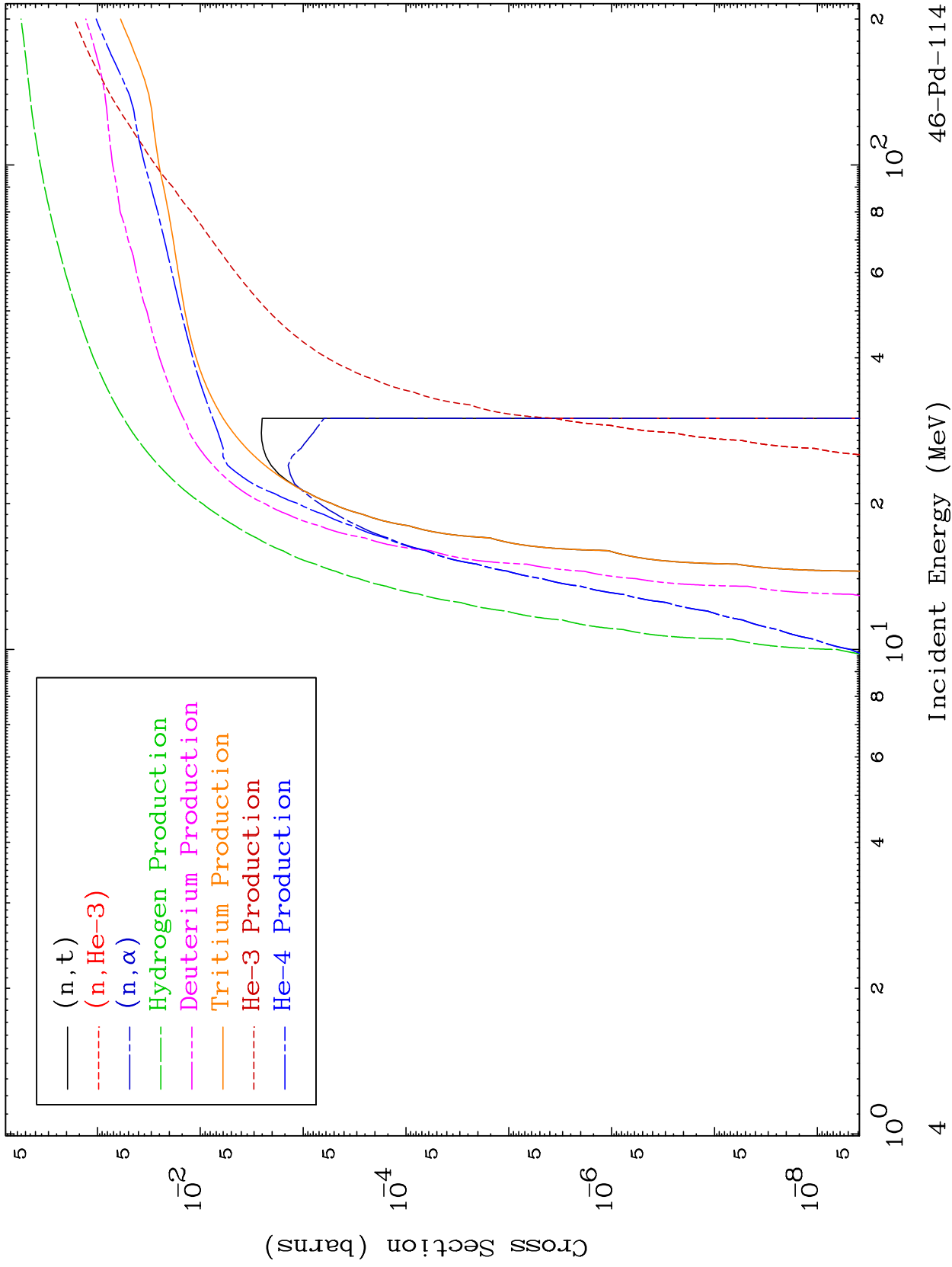
46-Pd-114



MAT 4661

Neutron Absorption
293 Kelvin Cross Sections

46-Pd-114



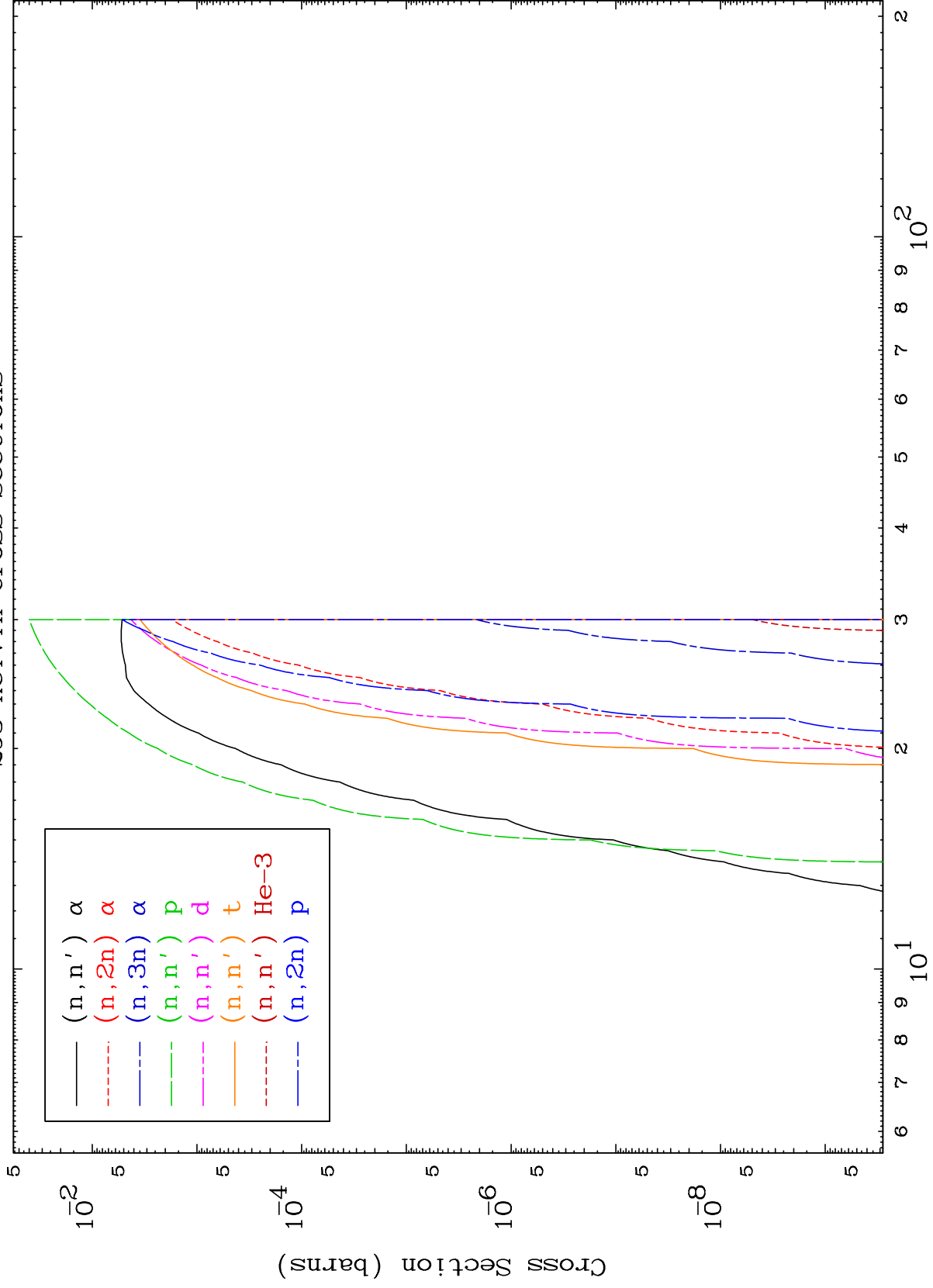
46-Pd-114

Incident Energy (MeV)

MAT 4661

Charged Particle
293 Kelvin Cross Sections

46-Pd-114



5

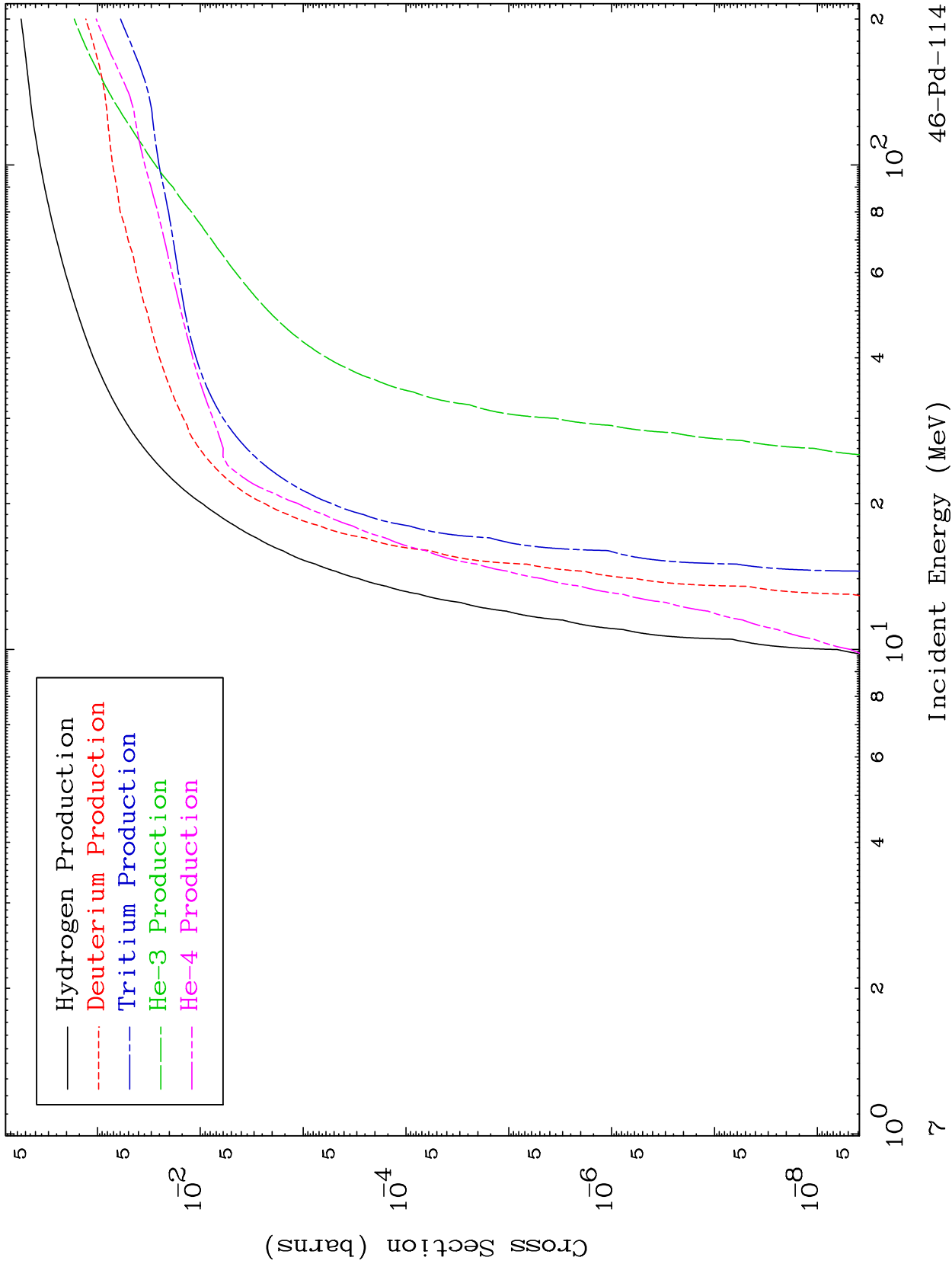
Incident Energy (MeV)

46-Pd-114

MAT 4661

Particle Production
293 Kelvin Cross Sections

46-Pd-114

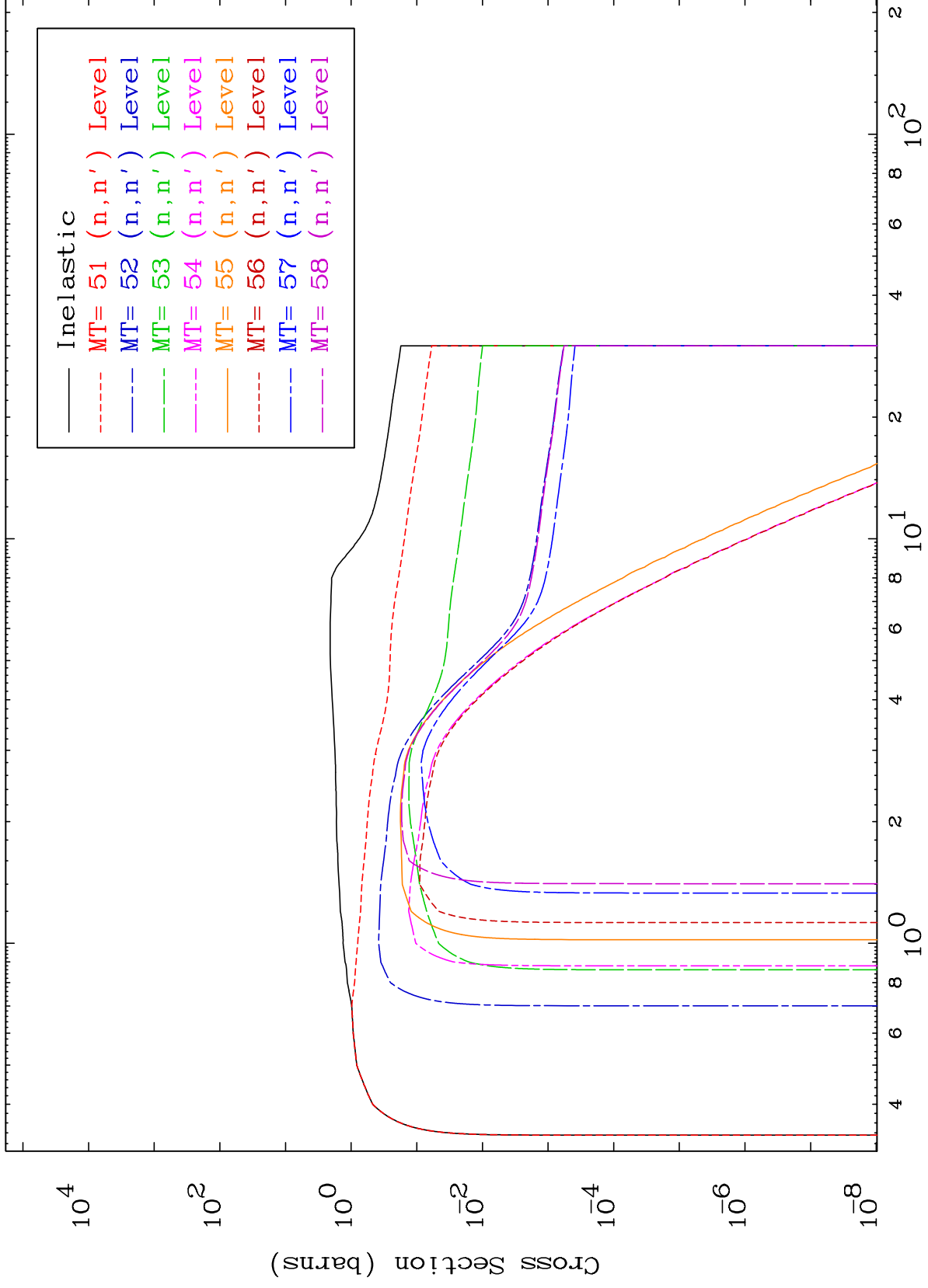


46-Pd-114

MAT 4661

(n,n') Levels
293 Kelvin Cross Sections

46-Pd-114



8

Incident Energy (MeV)

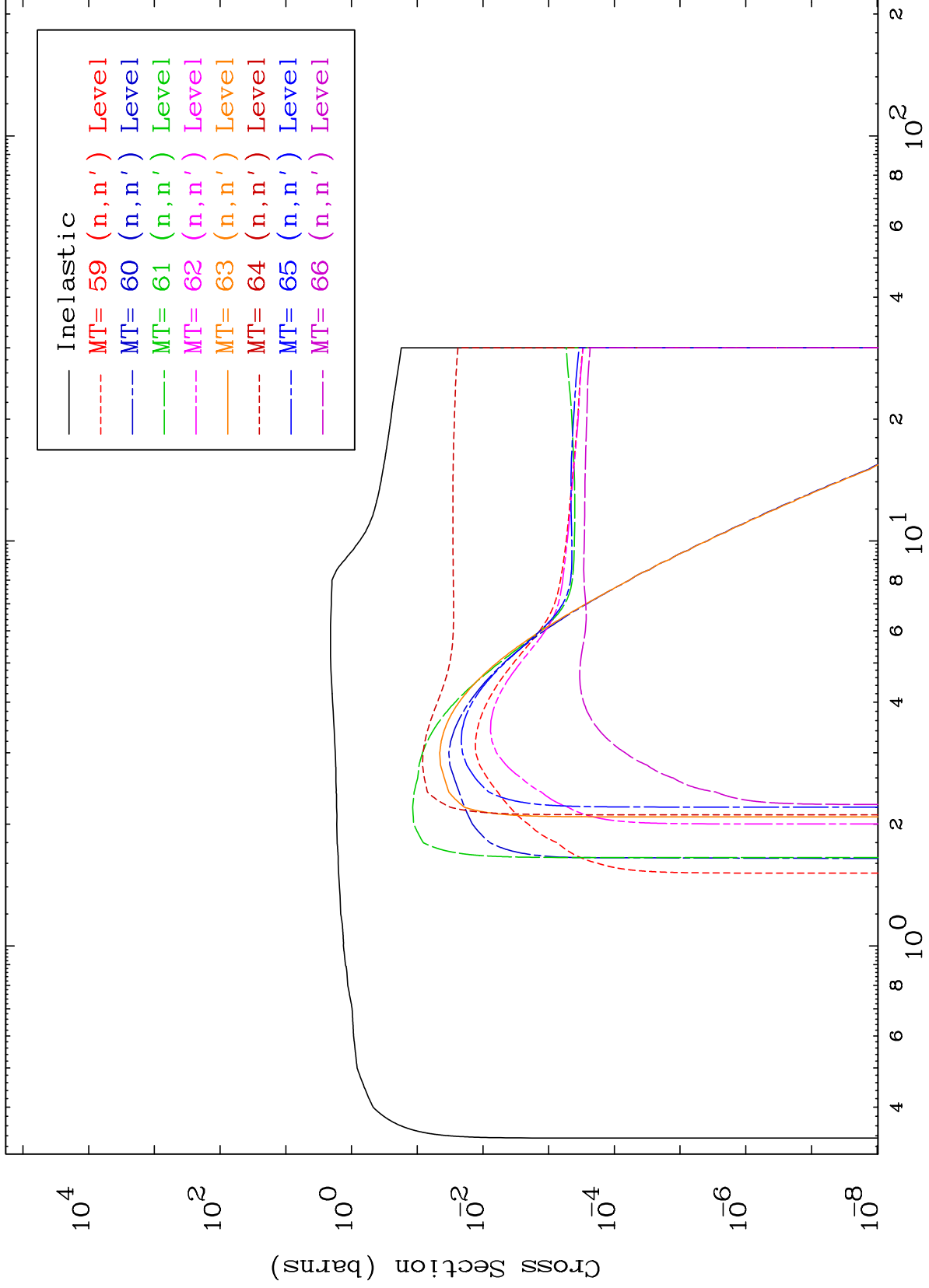
46-Pd-114

MAT 4661

(n,n') Levels

46-Pd-114

293 Kelvin Cross Sections



9

Incident Energy (MeV)

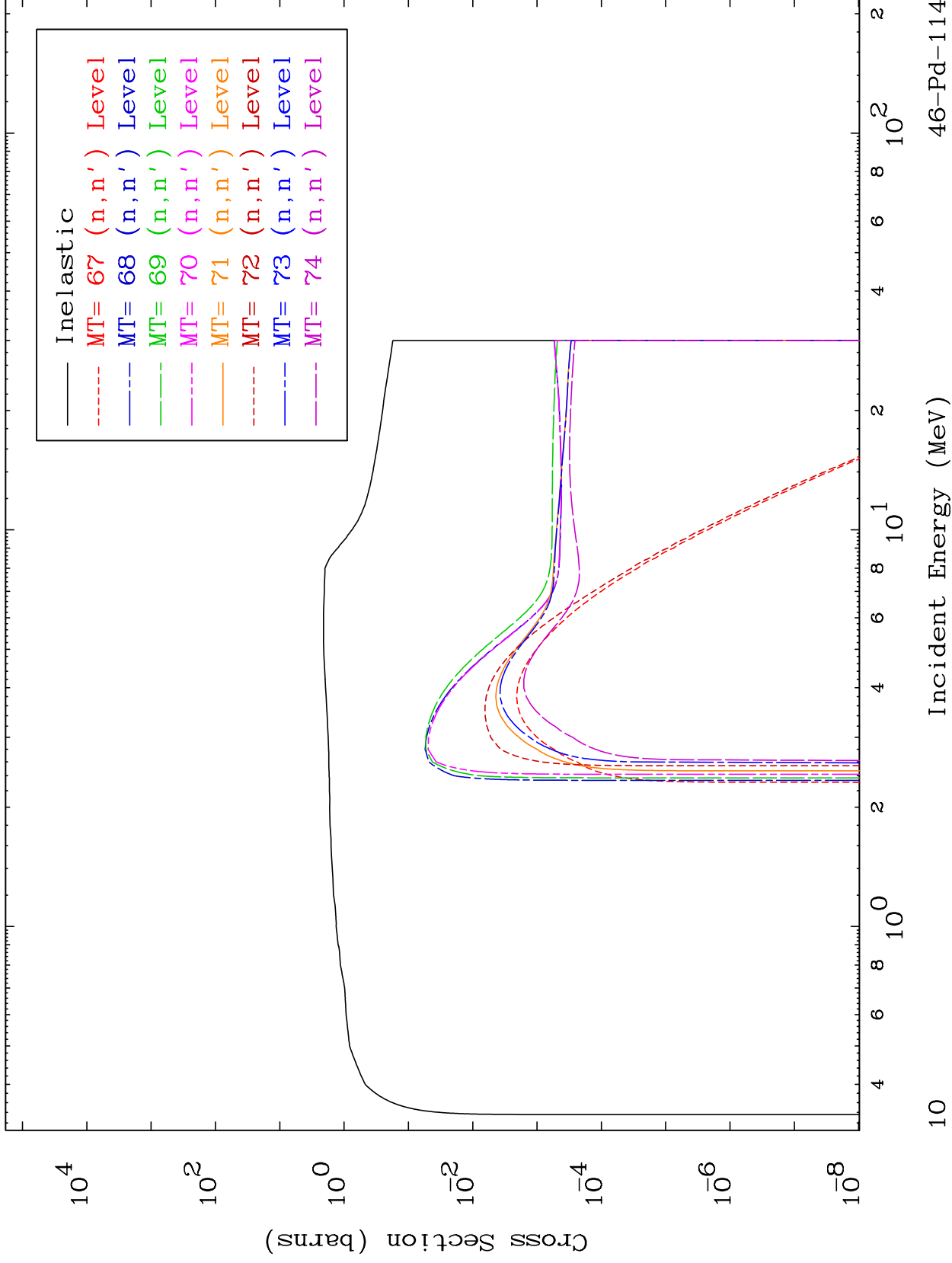
46-Pd-114

MAT 4661

(n,n') Levels

46-Pd-114

293 Kelvin Cross Sections



10

Incident Energy (MeV)

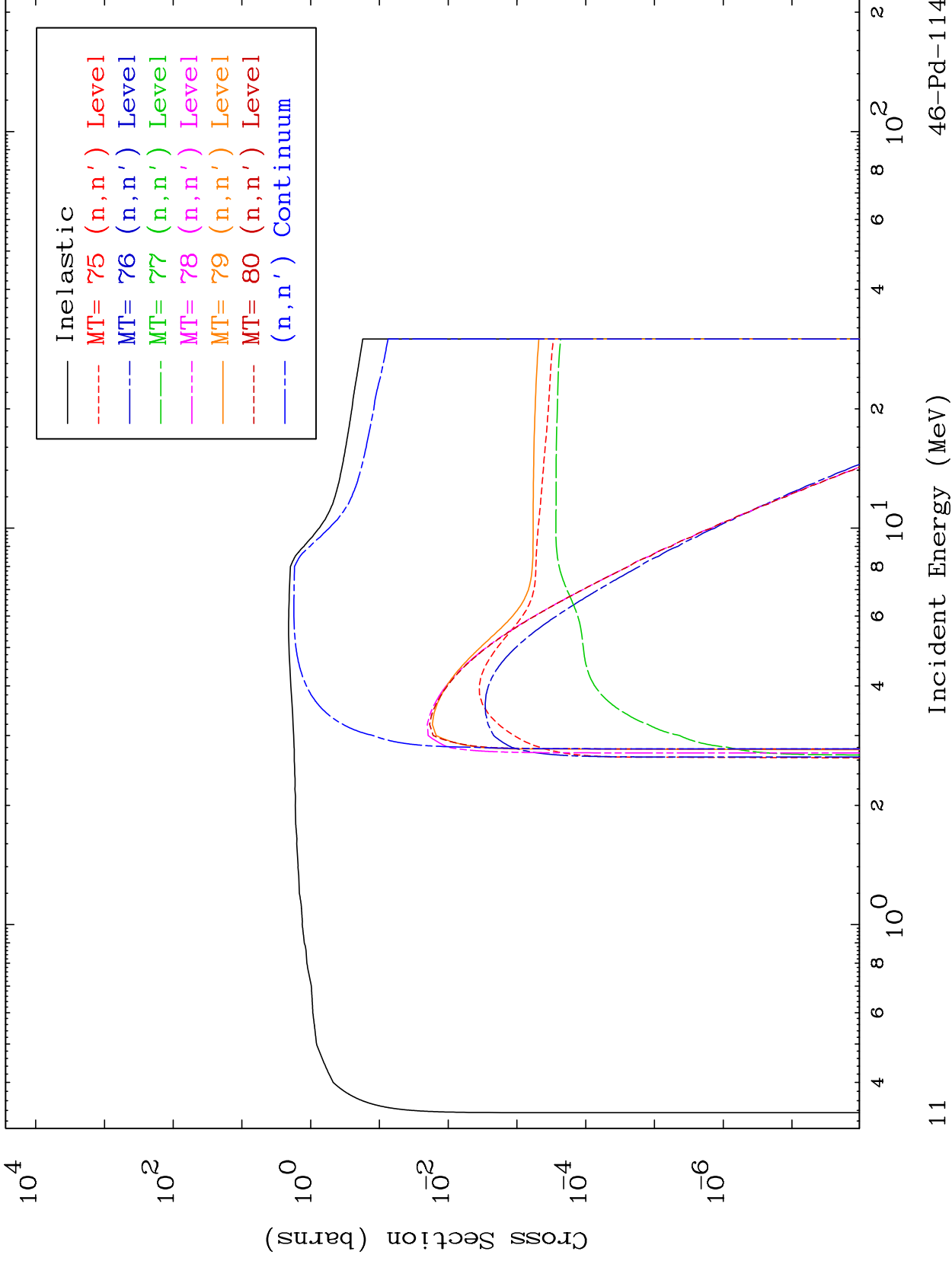
46-Pd-114

MAT 4661

(n,n') Levels

46-Pd-114

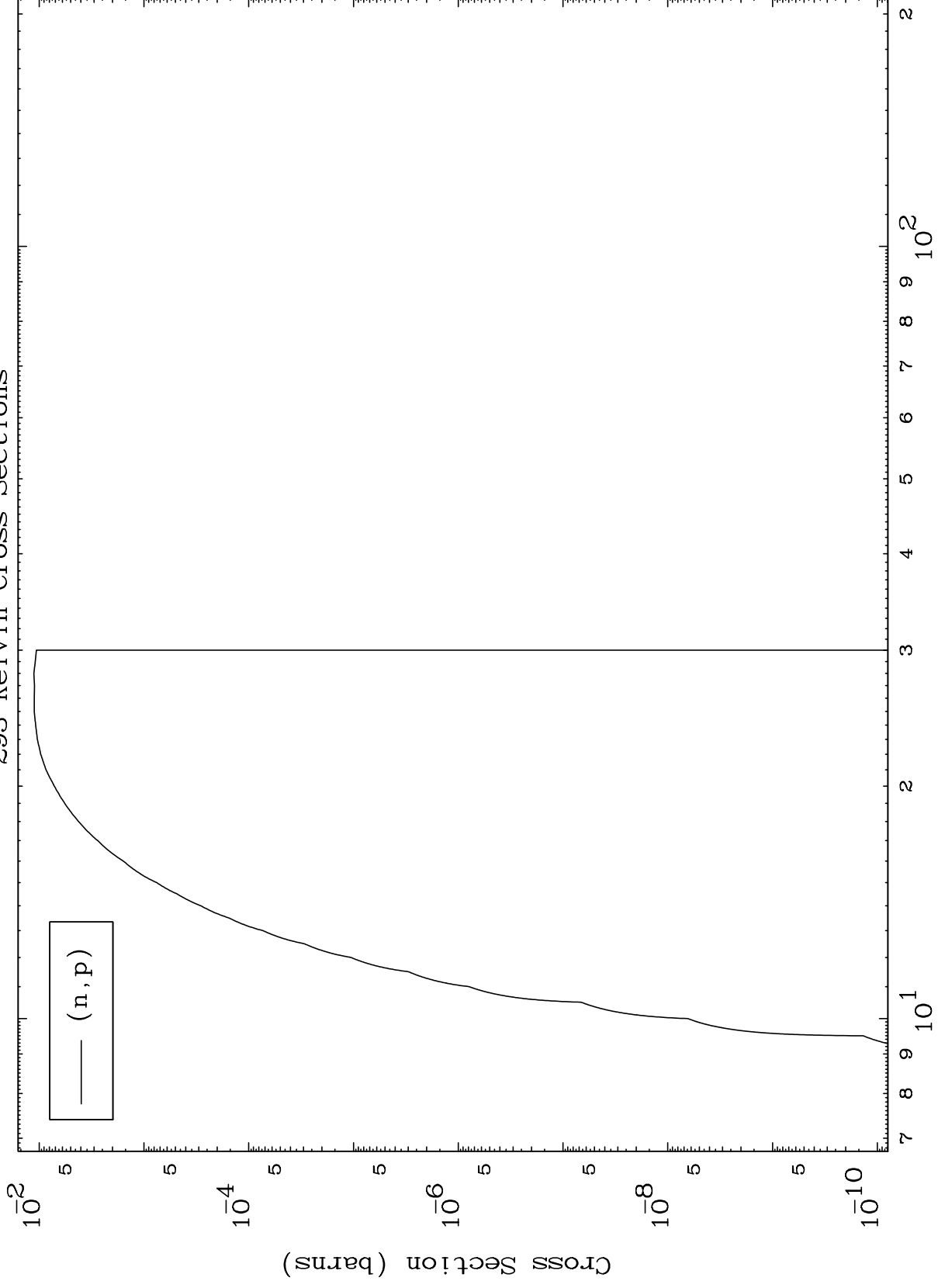
293 Kelvin Cross Sections



MAT 4661

(n,p) Levels
293 Kelvin Cross Sections

46-Pd-114



12

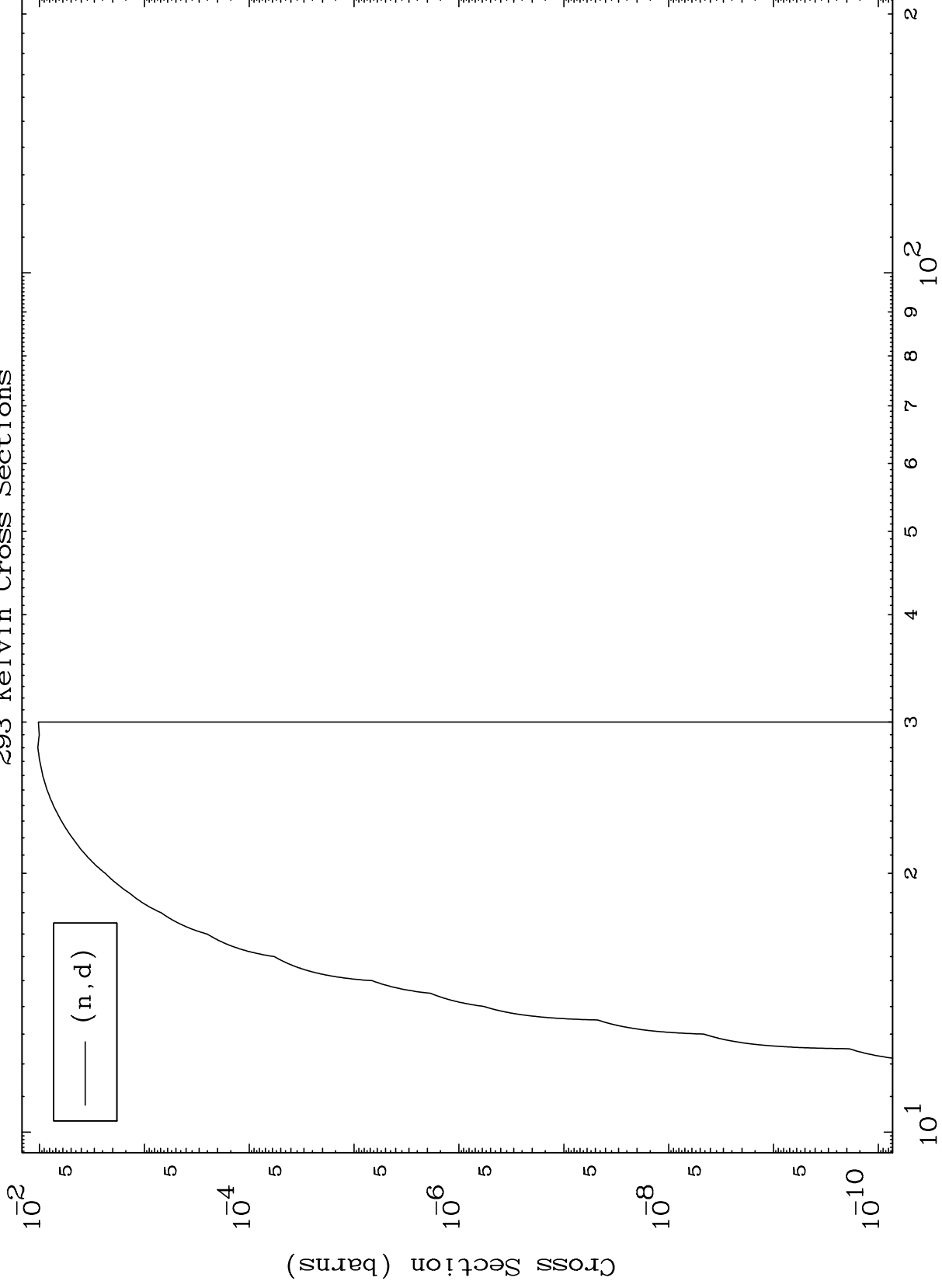
Incident Energy (MeV)

46-Pd-114

MAT 4661

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-114



Incident Energy (MeV)

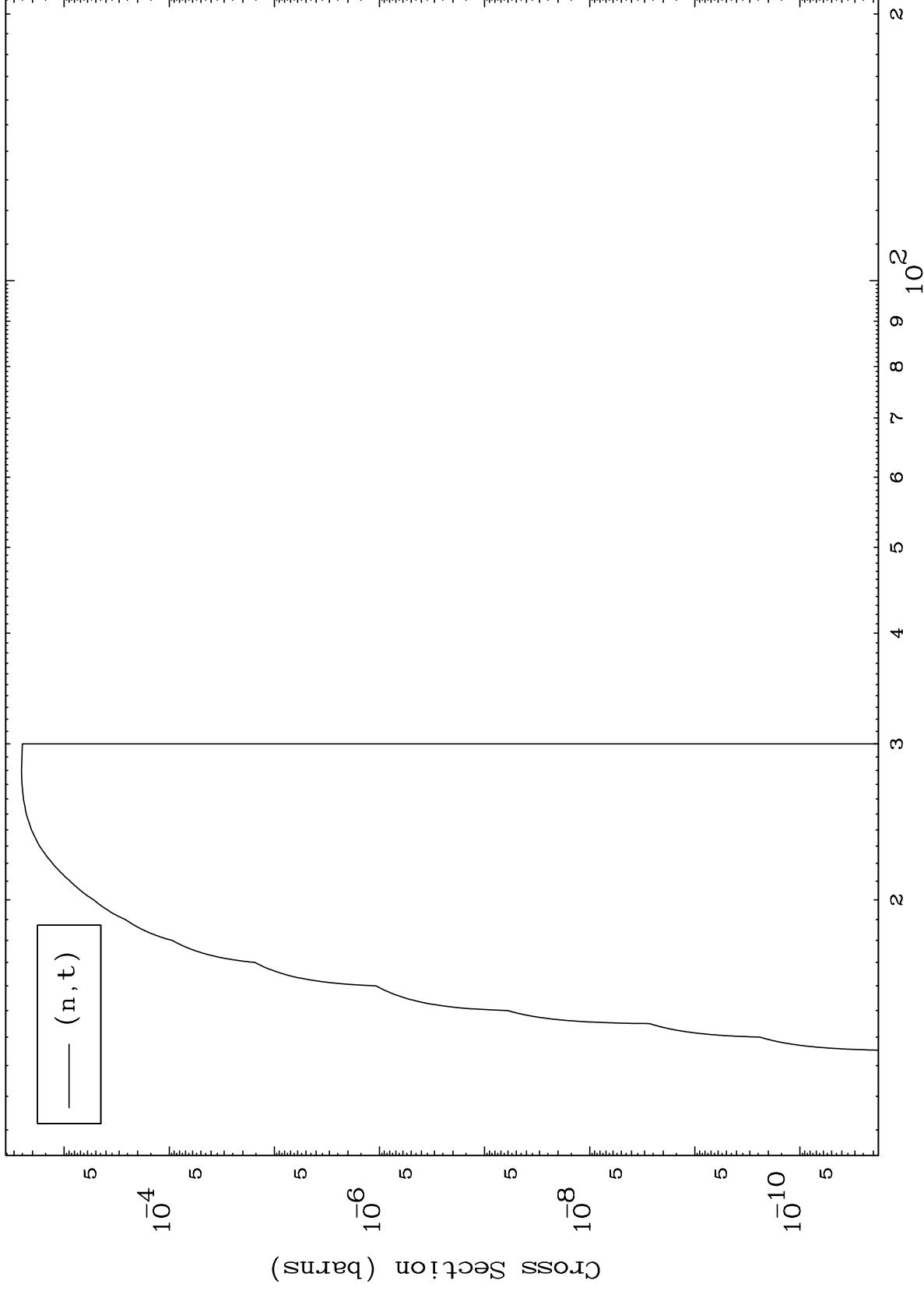
46-Pd-114

13

MAT 4661

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-114



14

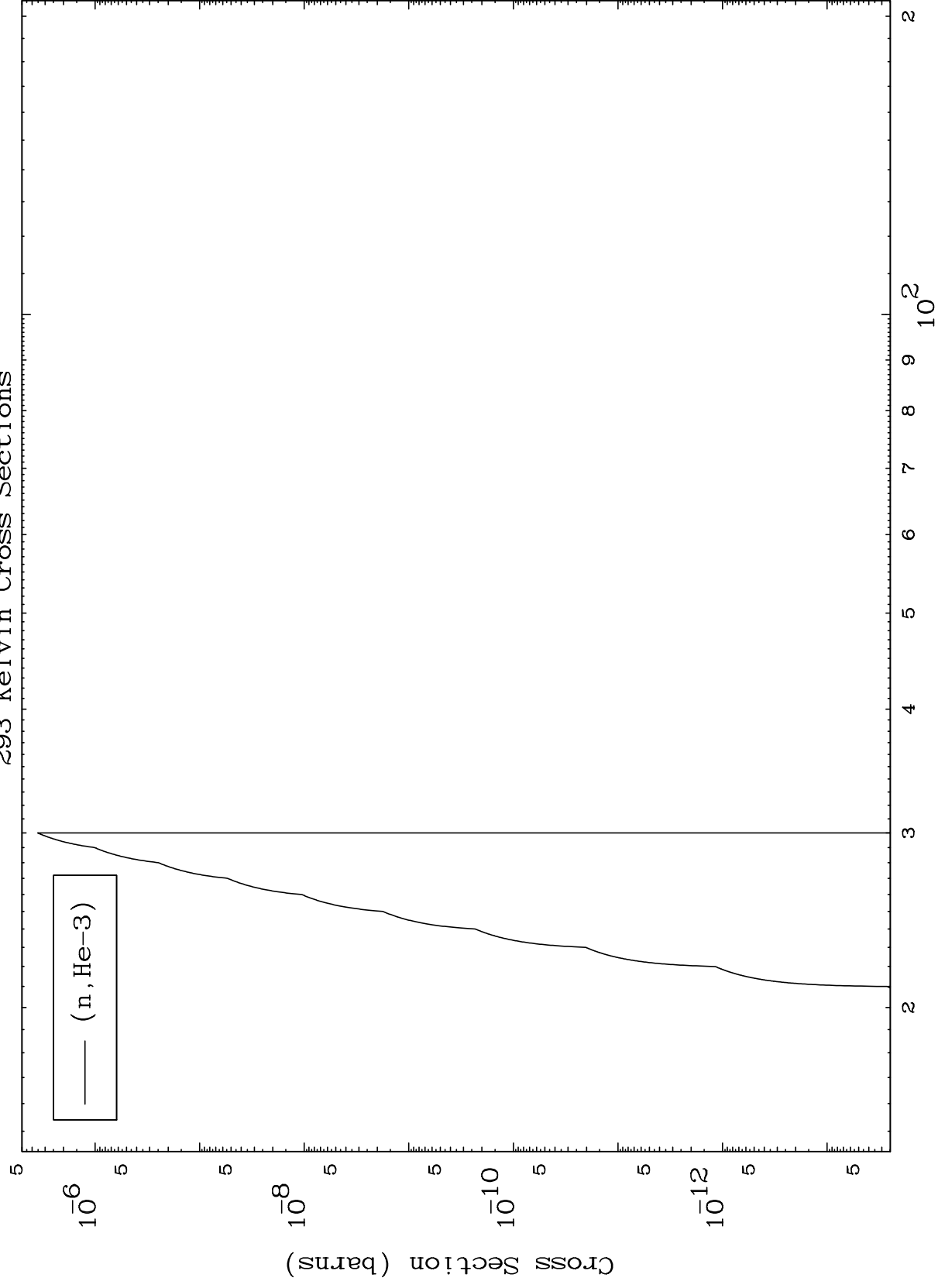
Incident Energy (MeV)

46-Pd-114

MAT 4661

46-Pd-114

(n,He3) Levels
293 Kelvin Cross Sections



15

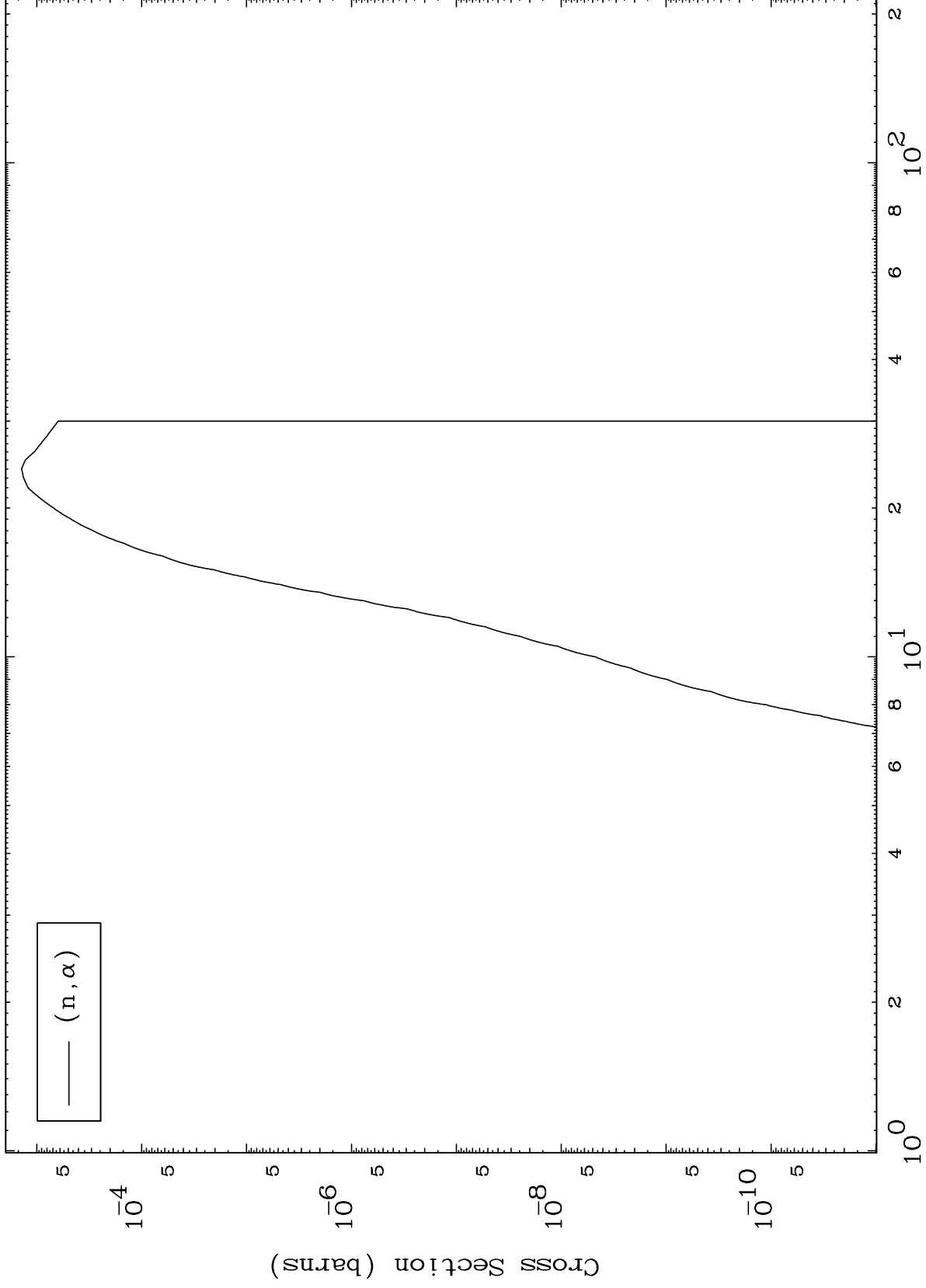
Incident Energy (MeV)

46-Pd-114

MAT 4661

(n,α) Levels
293 Kelvin Cross Sections

46-Pd-114



16

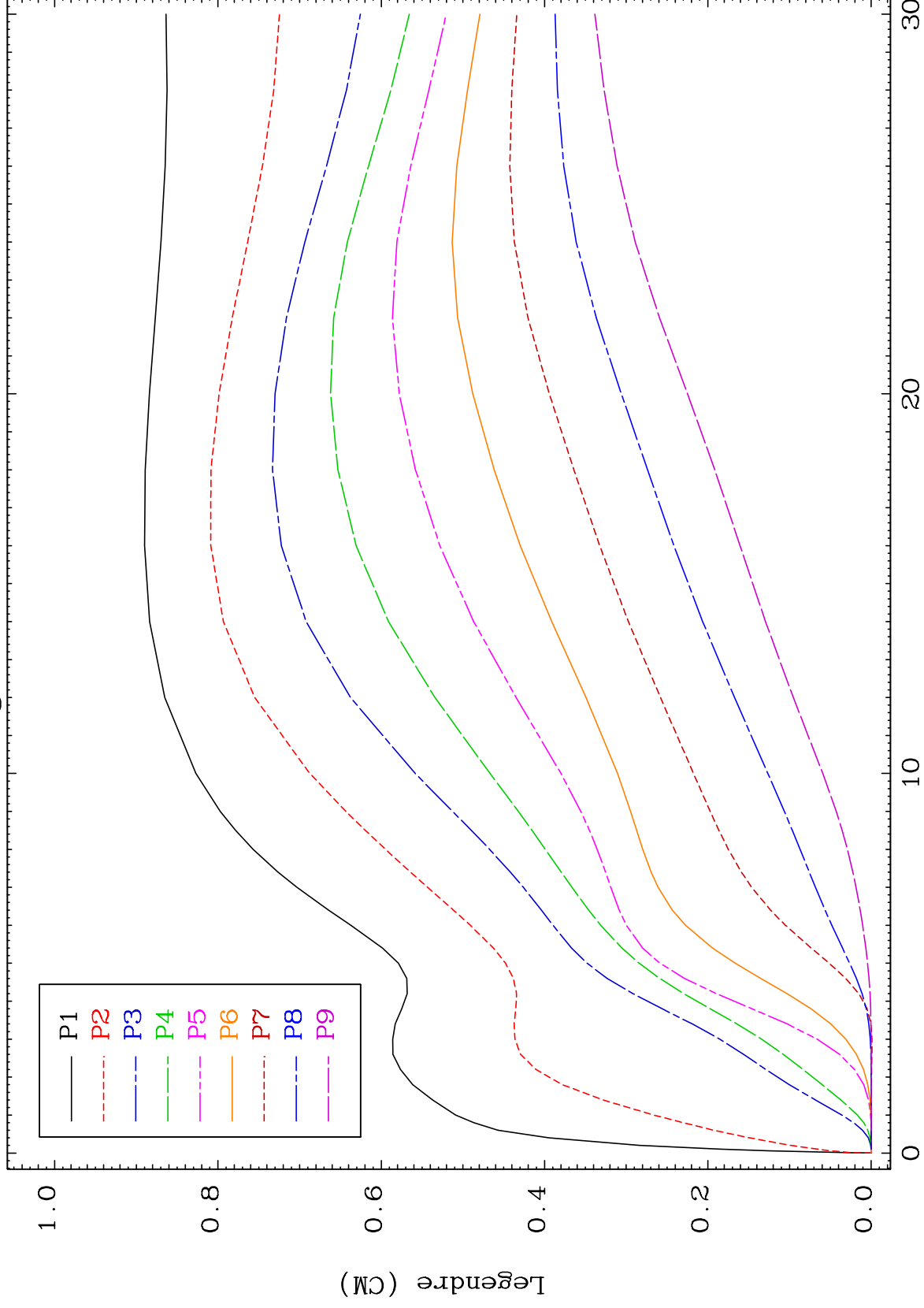
Incident Energy (MeV)

46-Pd-114

MAT 4661

Elastic Legendre Coefficients

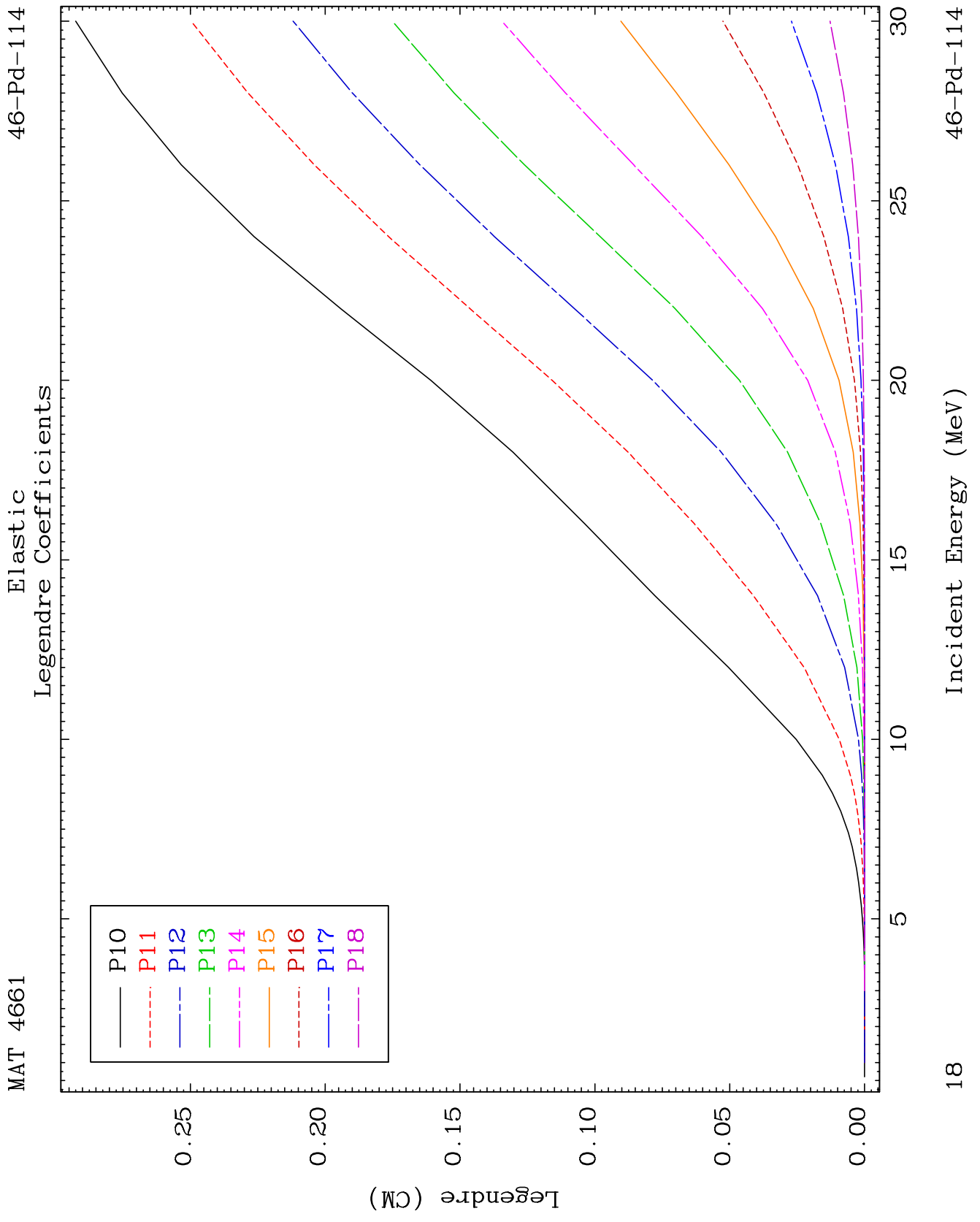
46-Pd-114



17

Incident Energy (MeV)

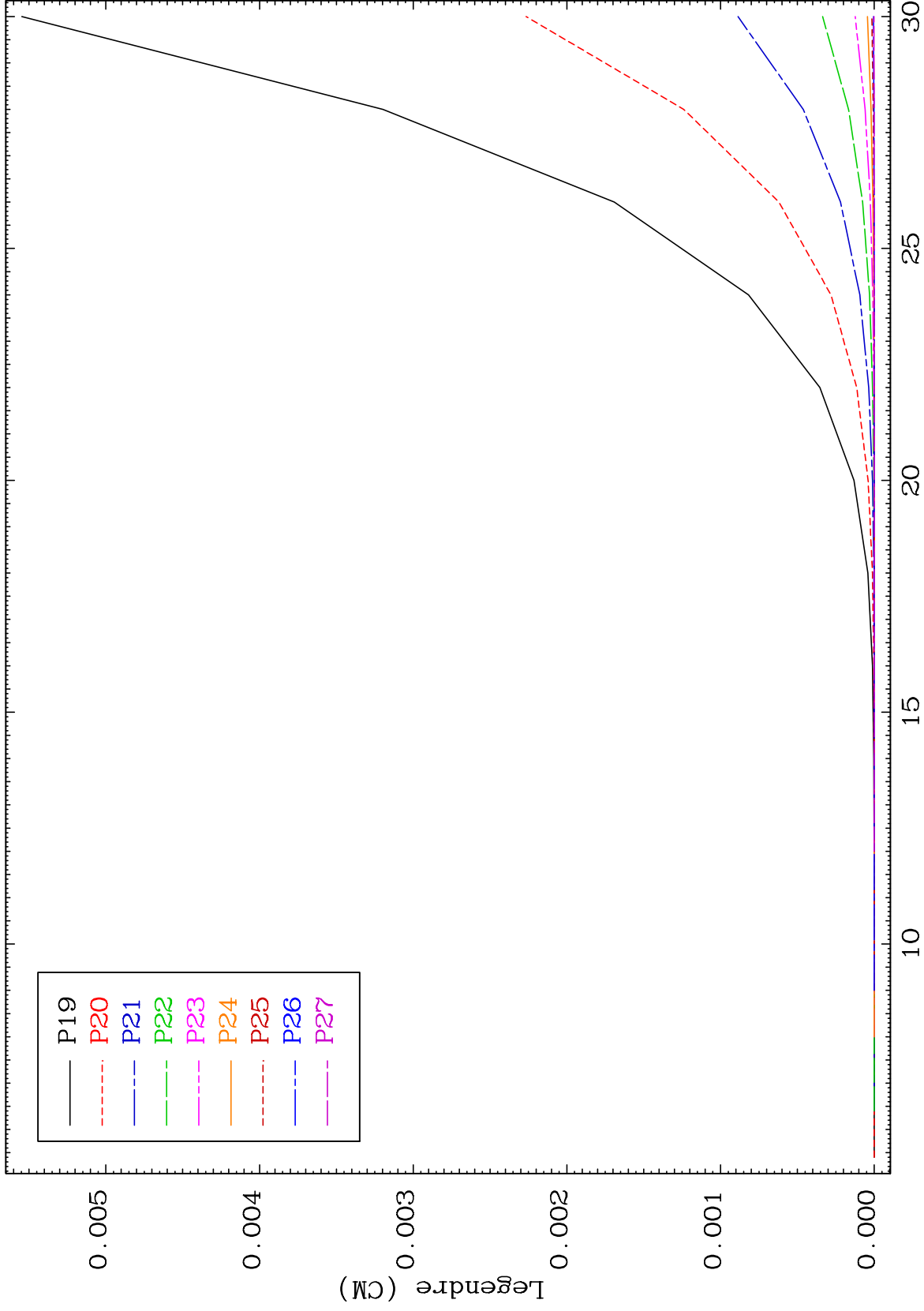
46-Pd-114



MAT 4661

Elastic
Legendre Coefficients

46-Pd-114



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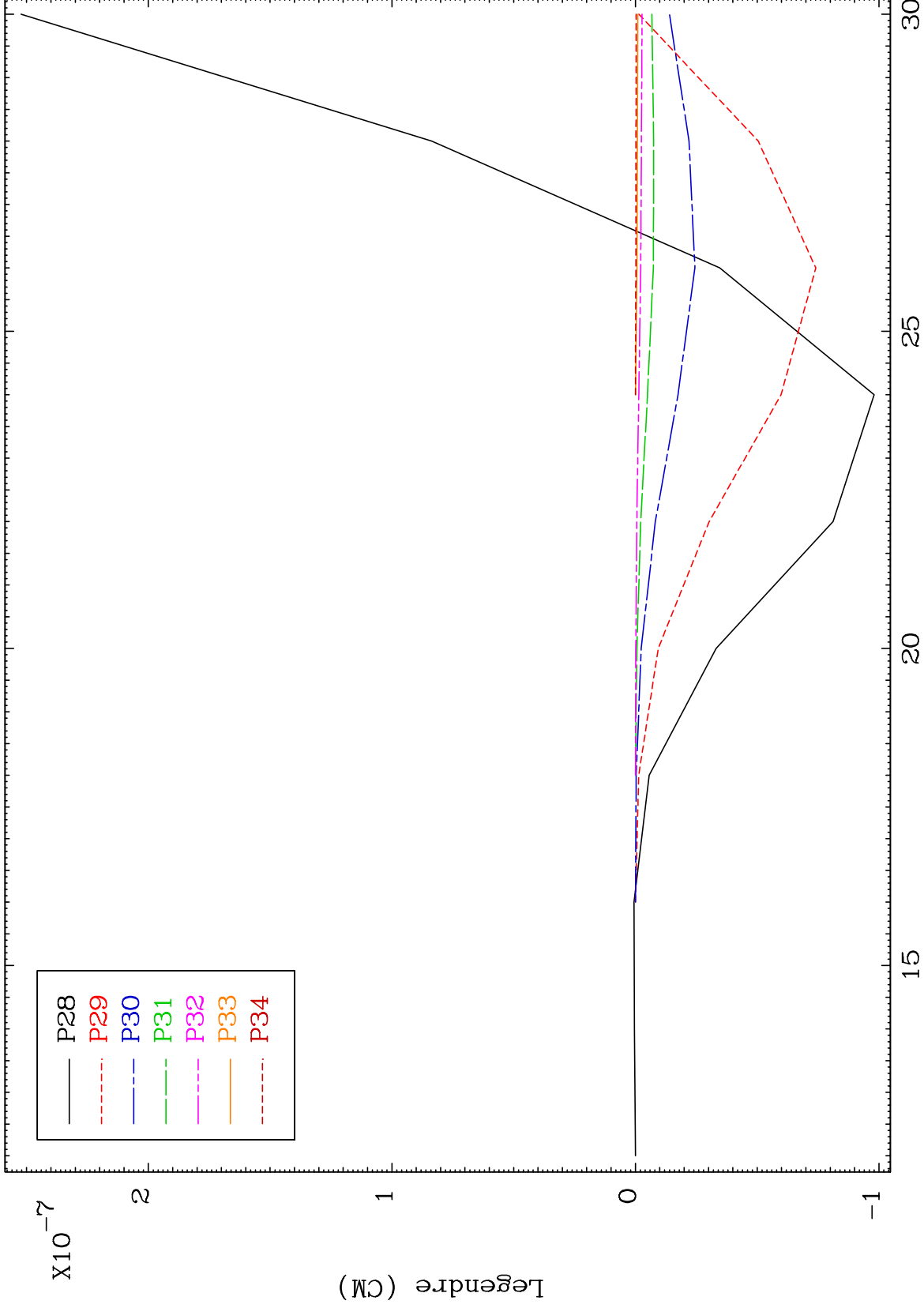
Incident Energy (MeV)

46-Pd-114

MAT 4661

Elastic Legendre Coefficients

46-Pd-114



20

Incident Energy (MeV)

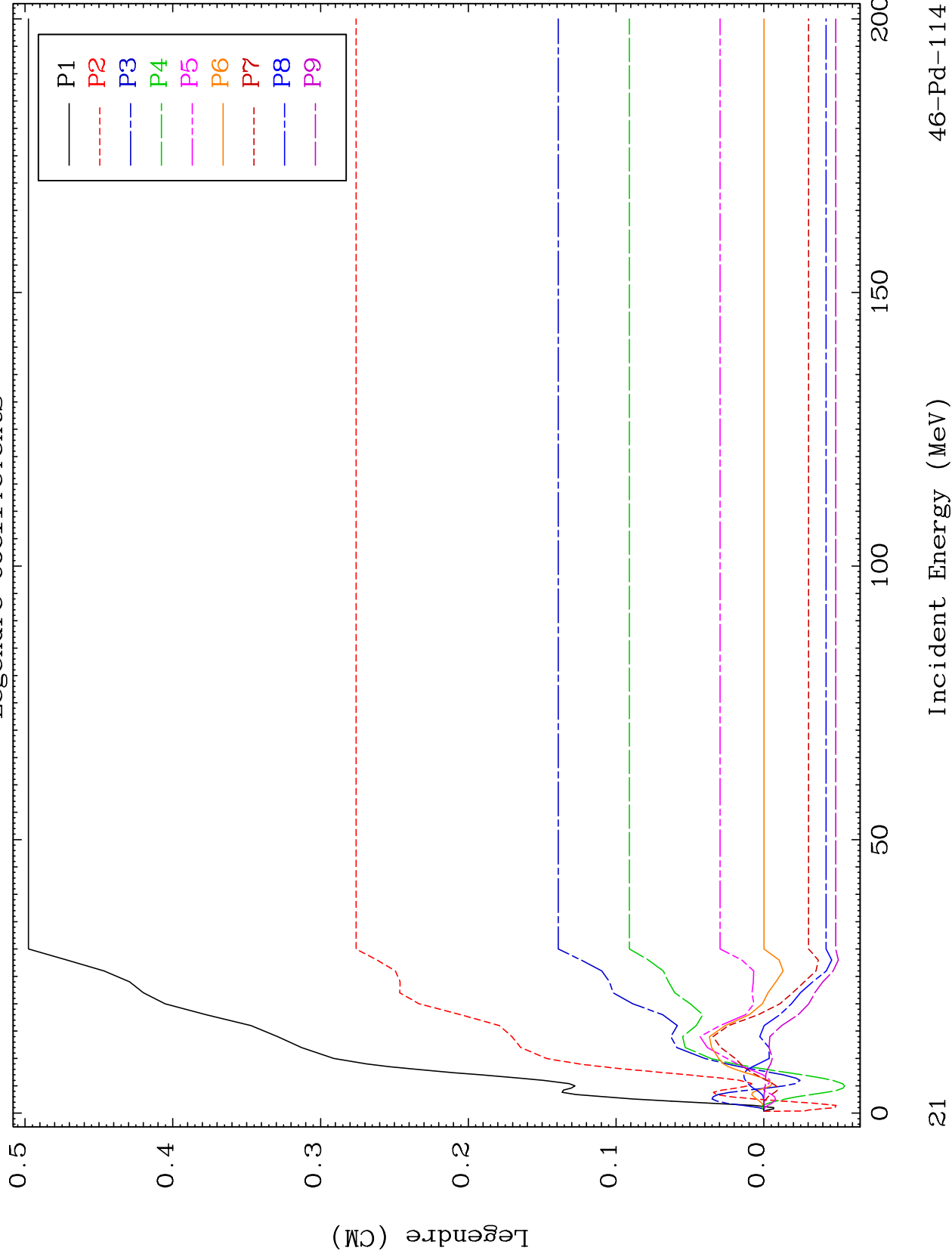
46-Pd-114

MAT 4661

MT= 51 (n,n') Level

46-Pd-114

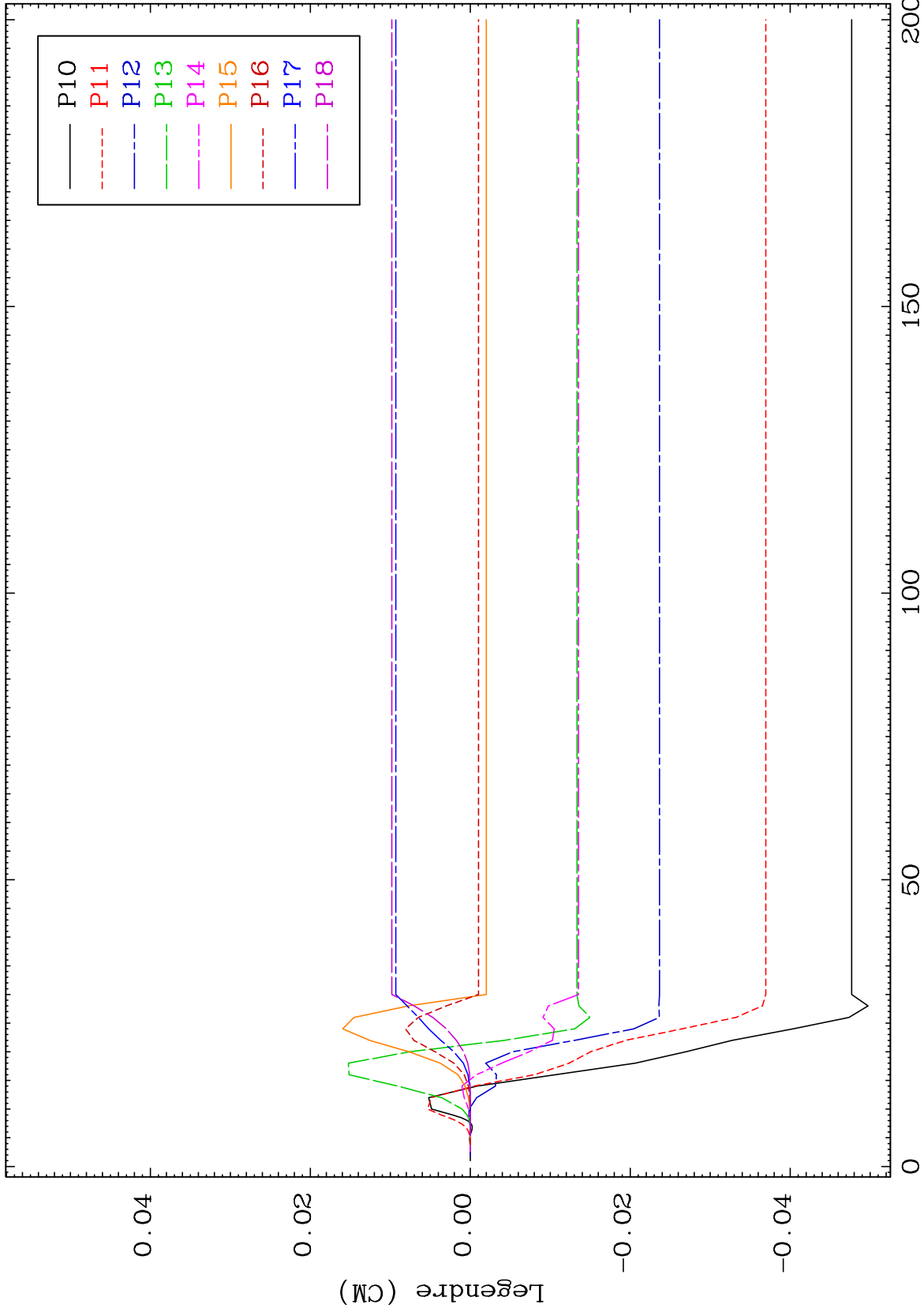
Legendre Coefficients



MAT 4661

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

46-Pd-114



22

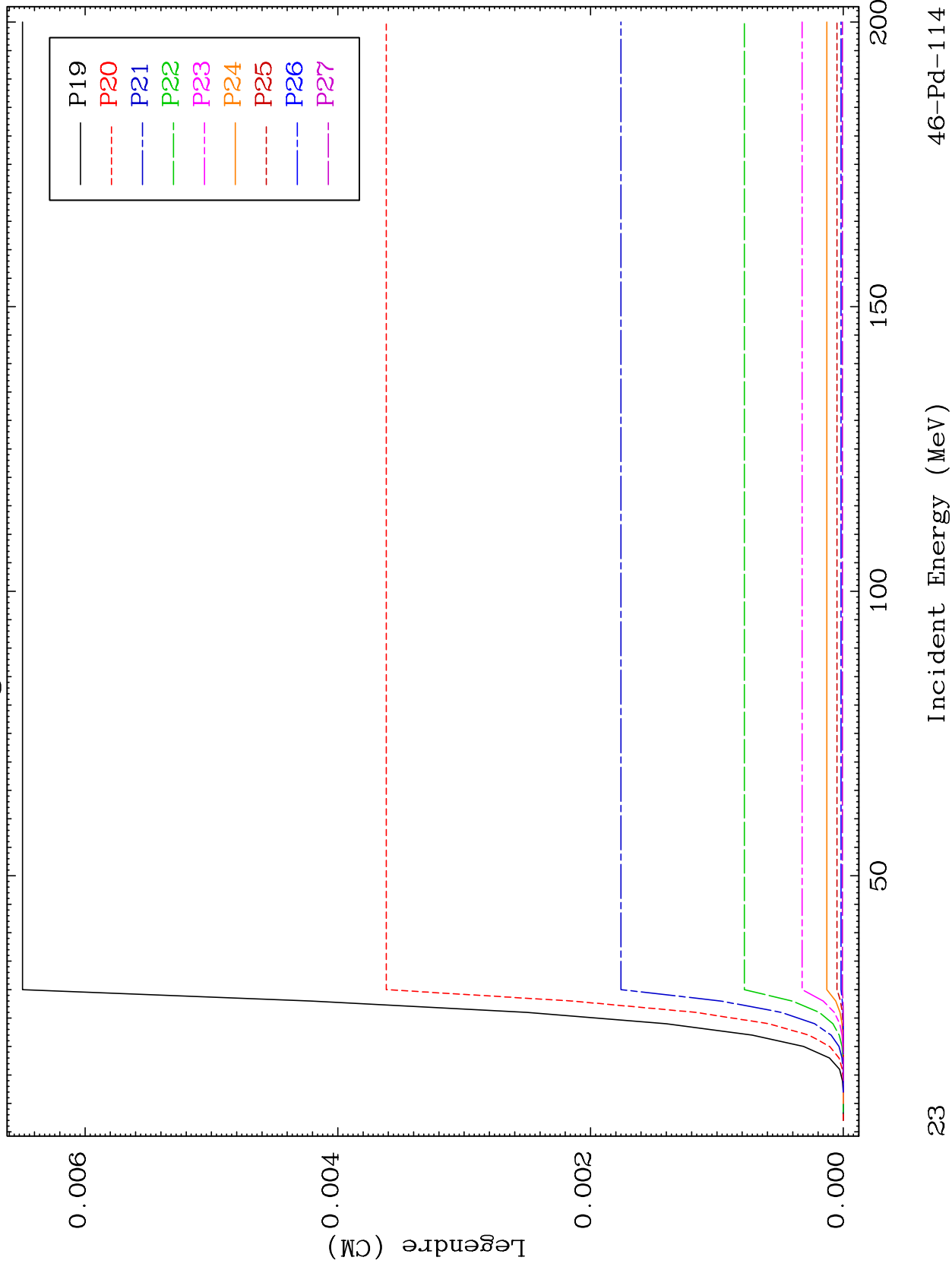
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



23

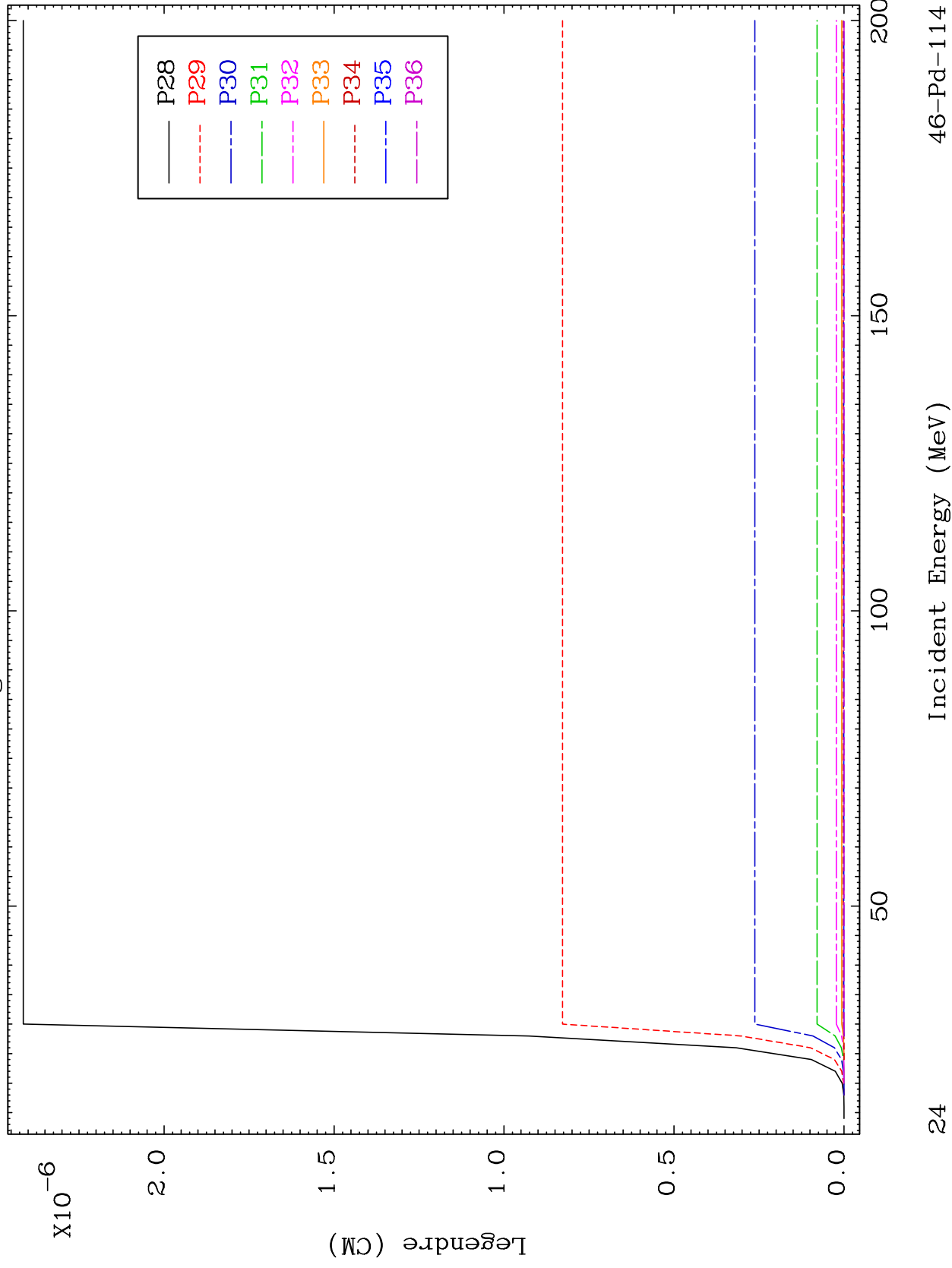
Incident Energy (MeV)

46-Pd-114

MAT 4661

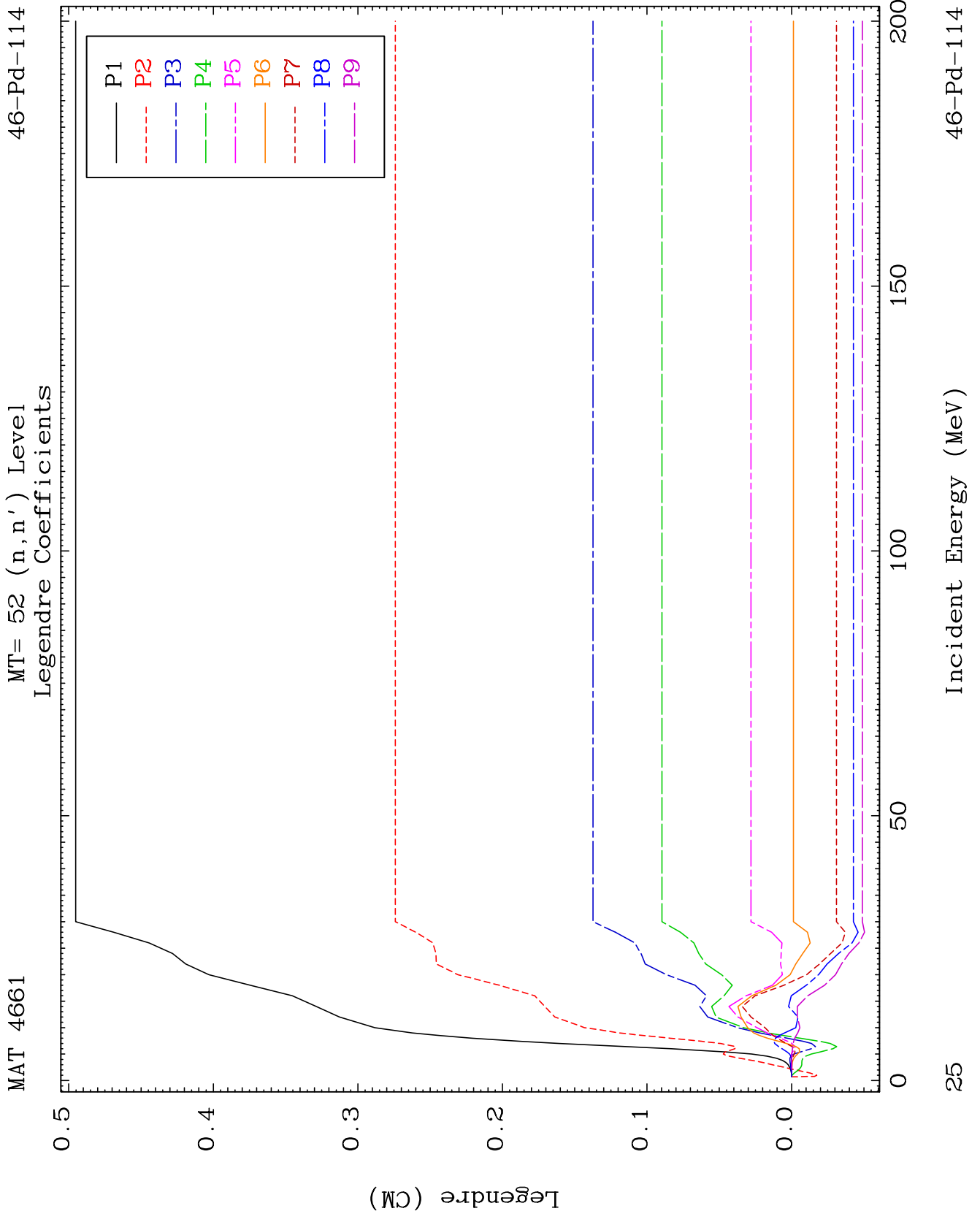
MT= 51 (n,n') Level
Legendre Coefficients

46-Pd-114



24

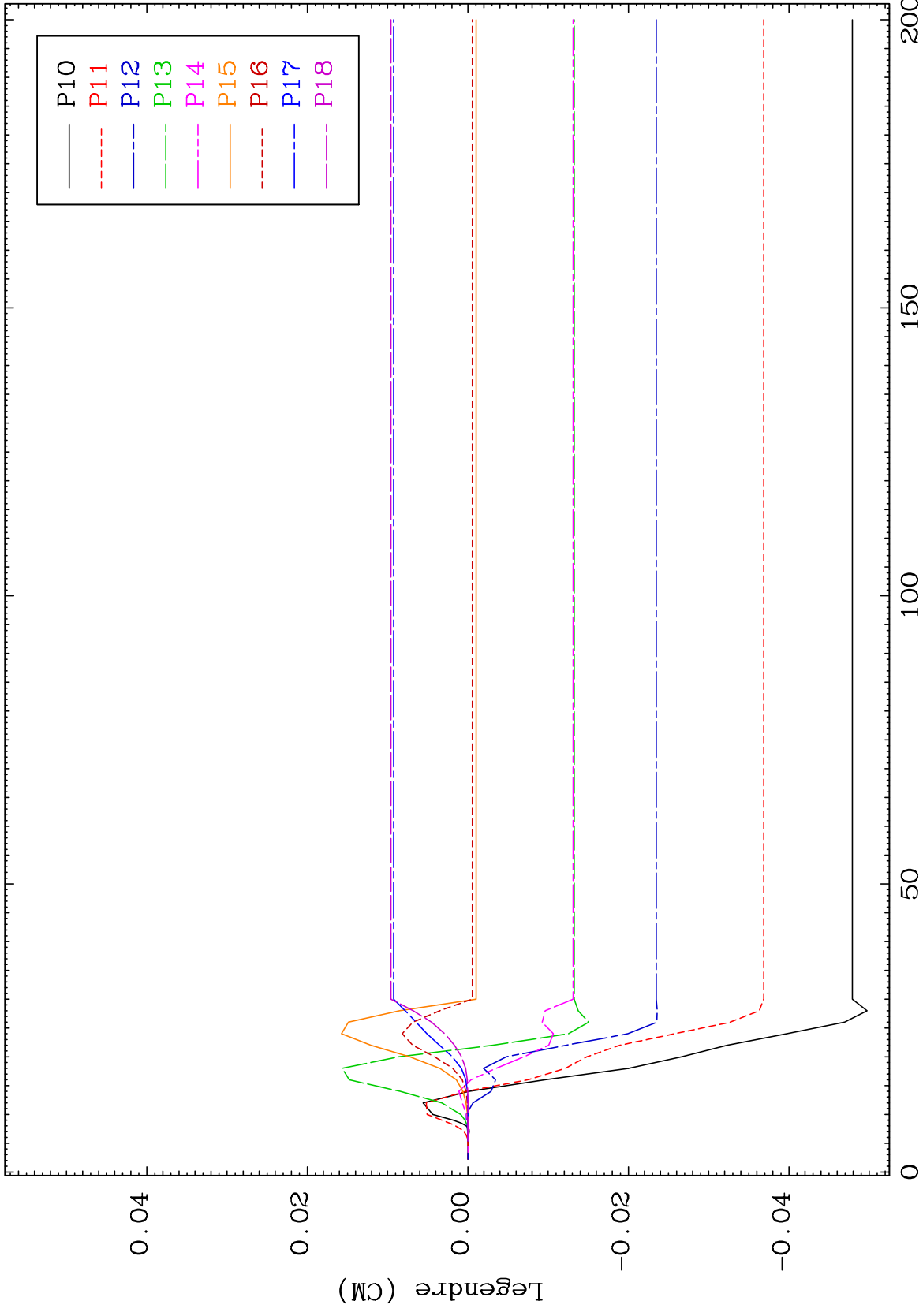
200



MAT 4661

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

46-Pd-114



26

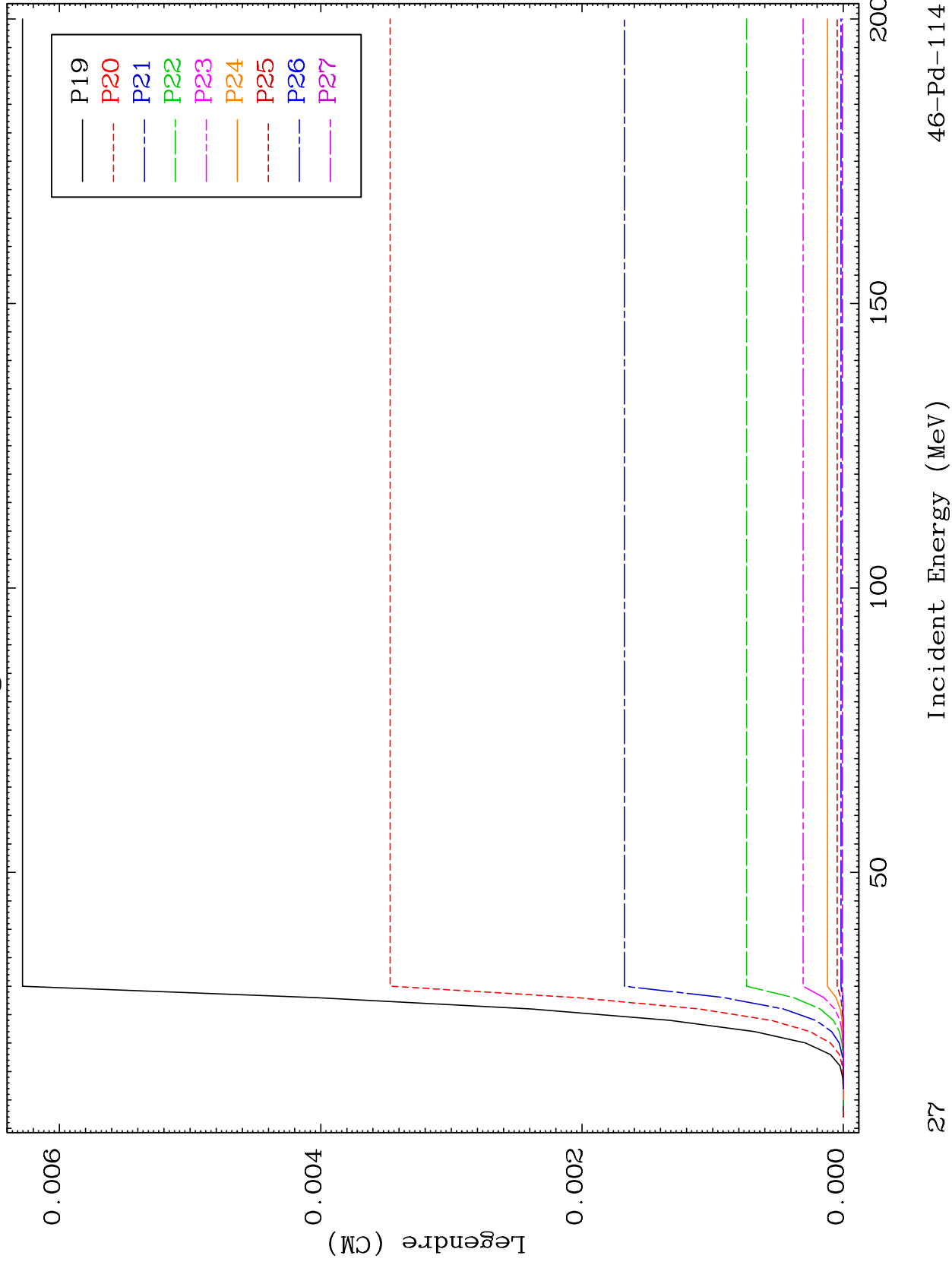
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



27

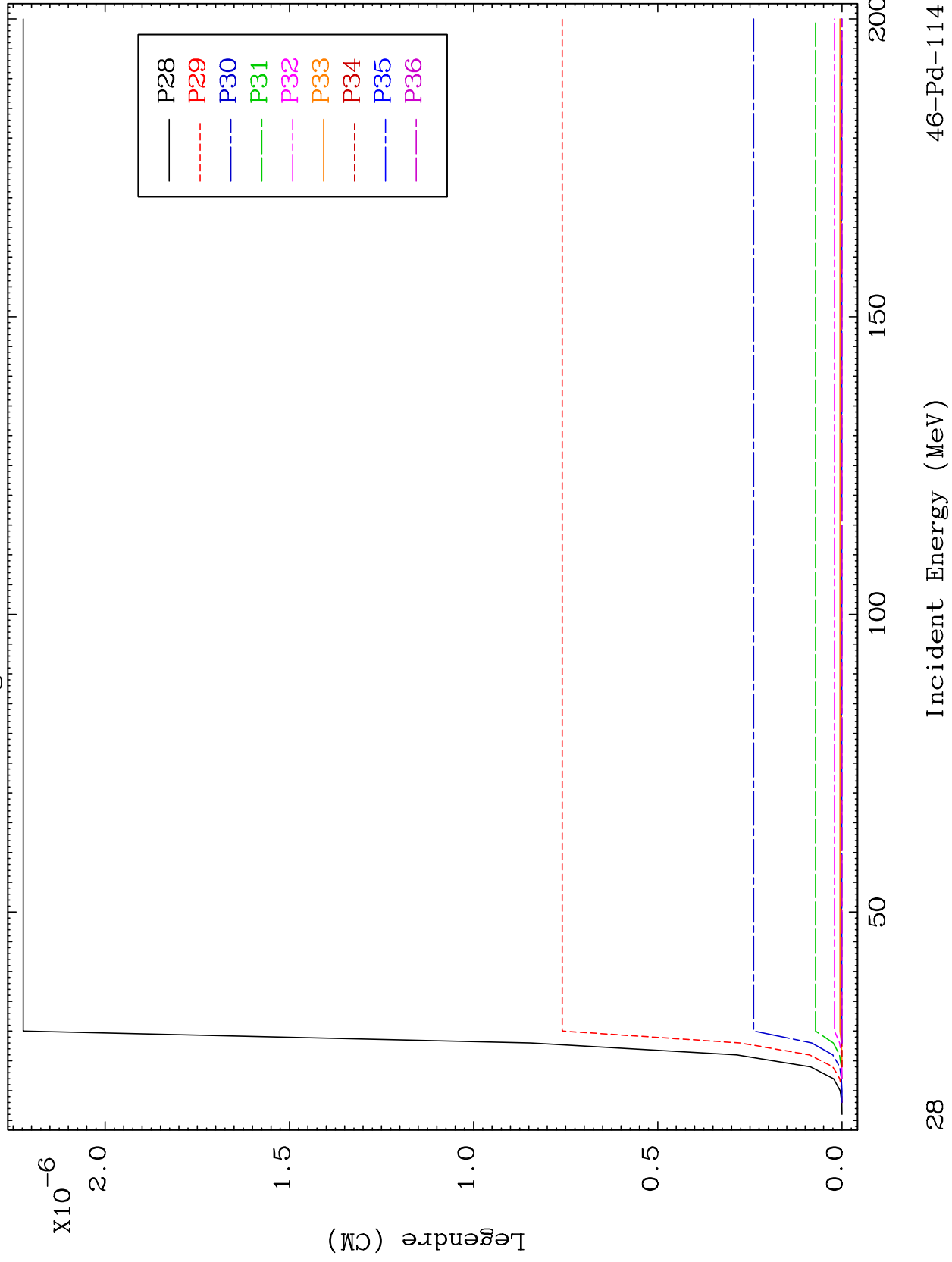
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114

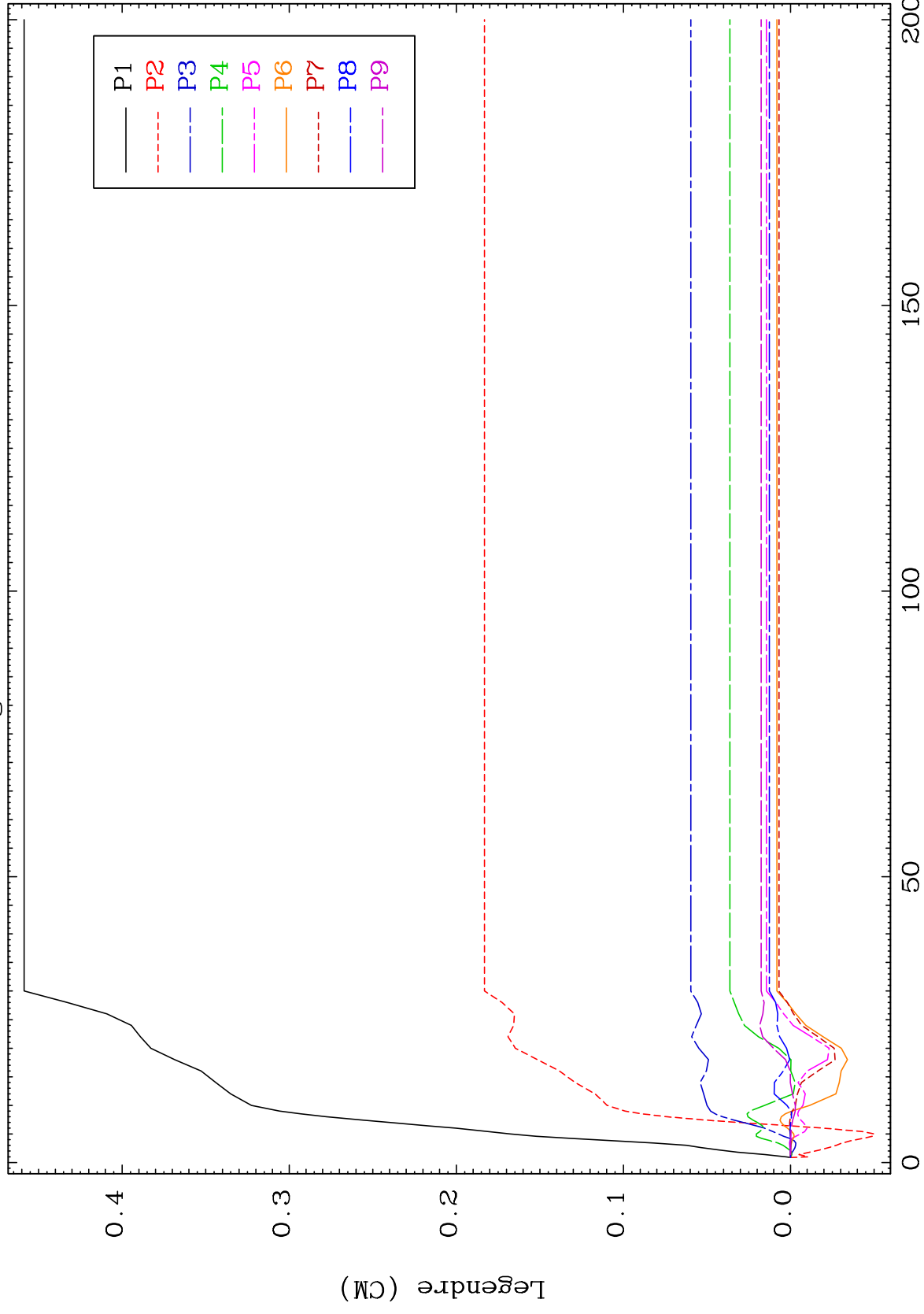


28

MAT 4661

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

46-Pd-114



29

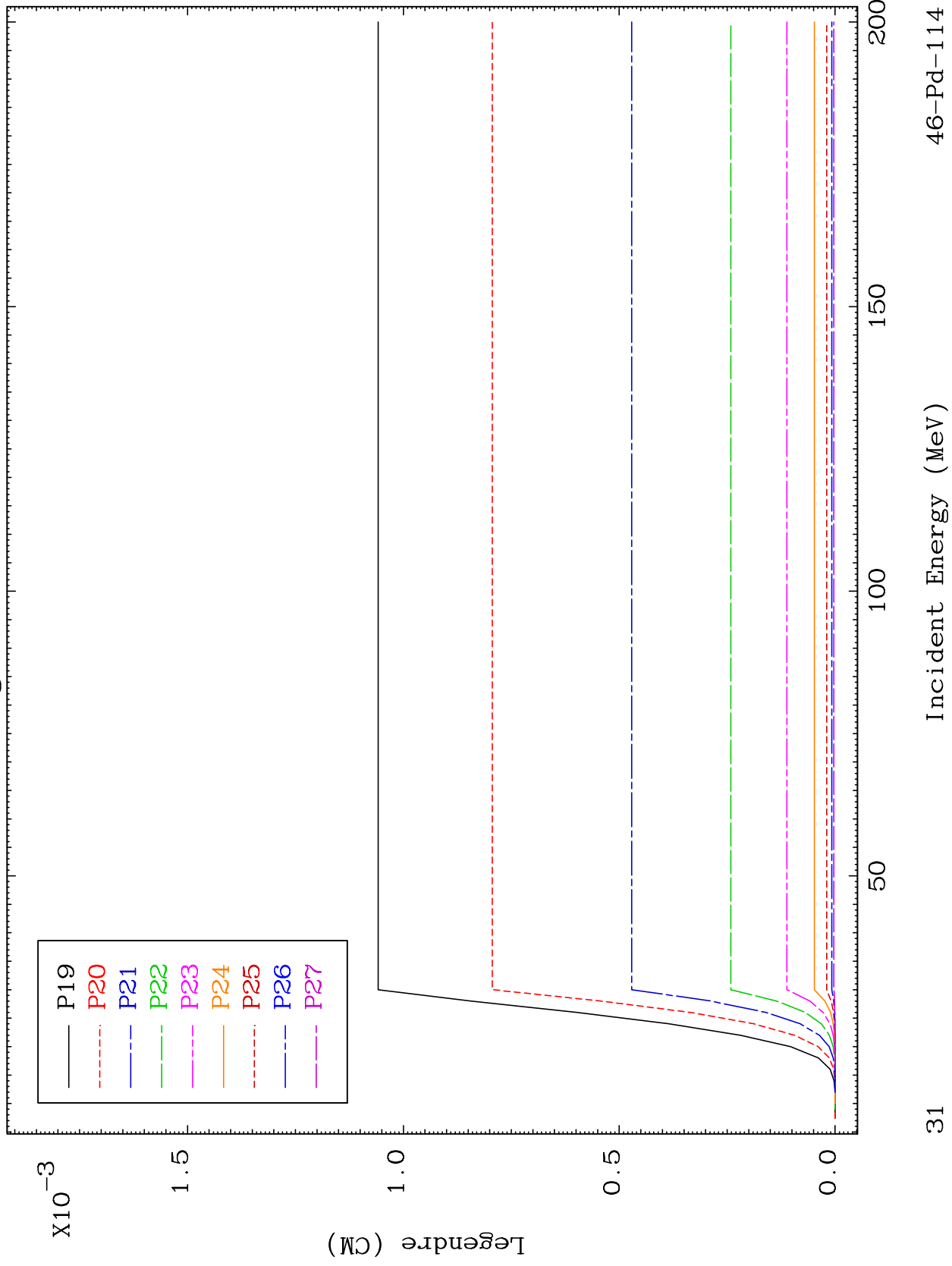
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

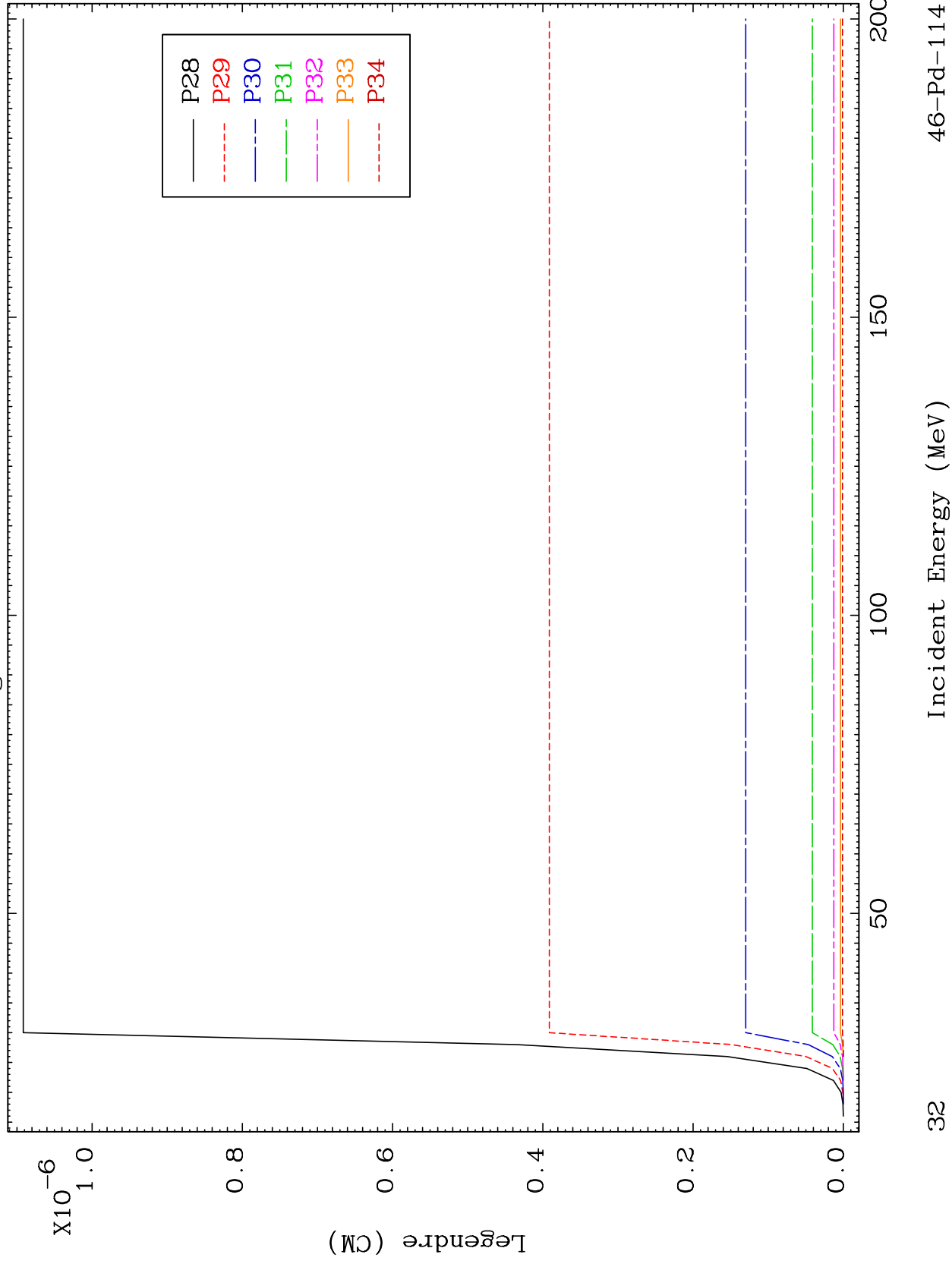
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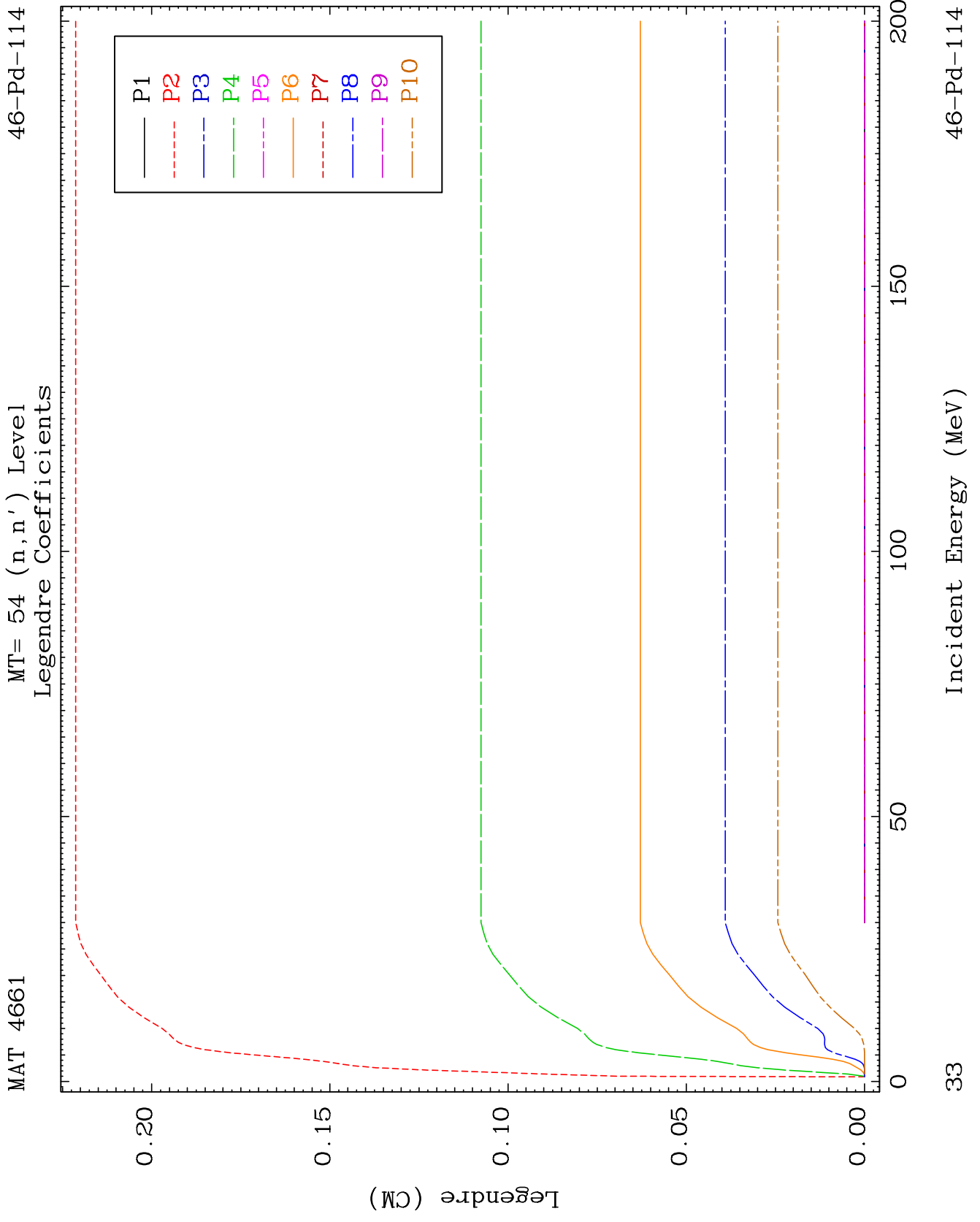


MAT 4661

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

46-Pd-114

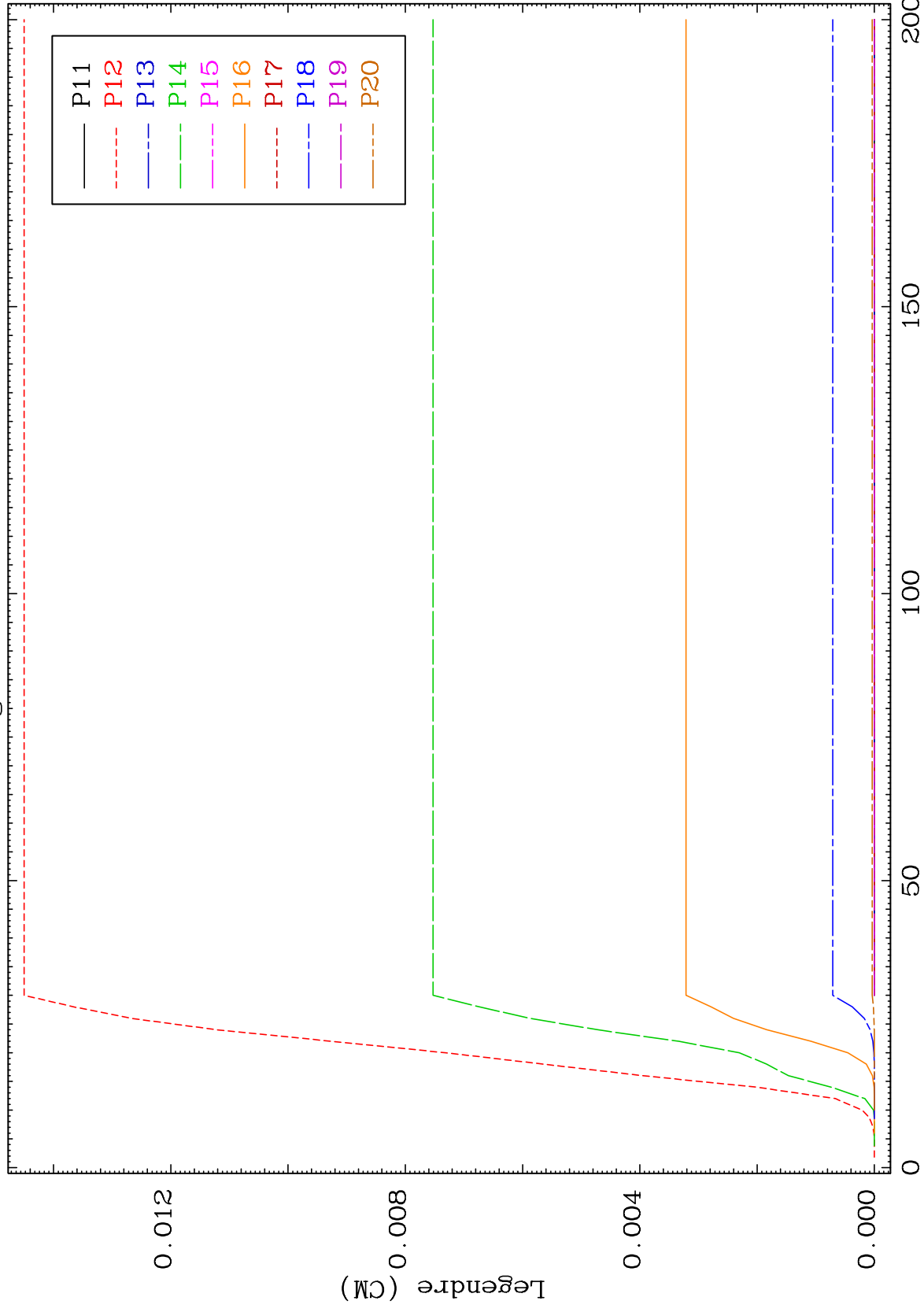




MAT 4661

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

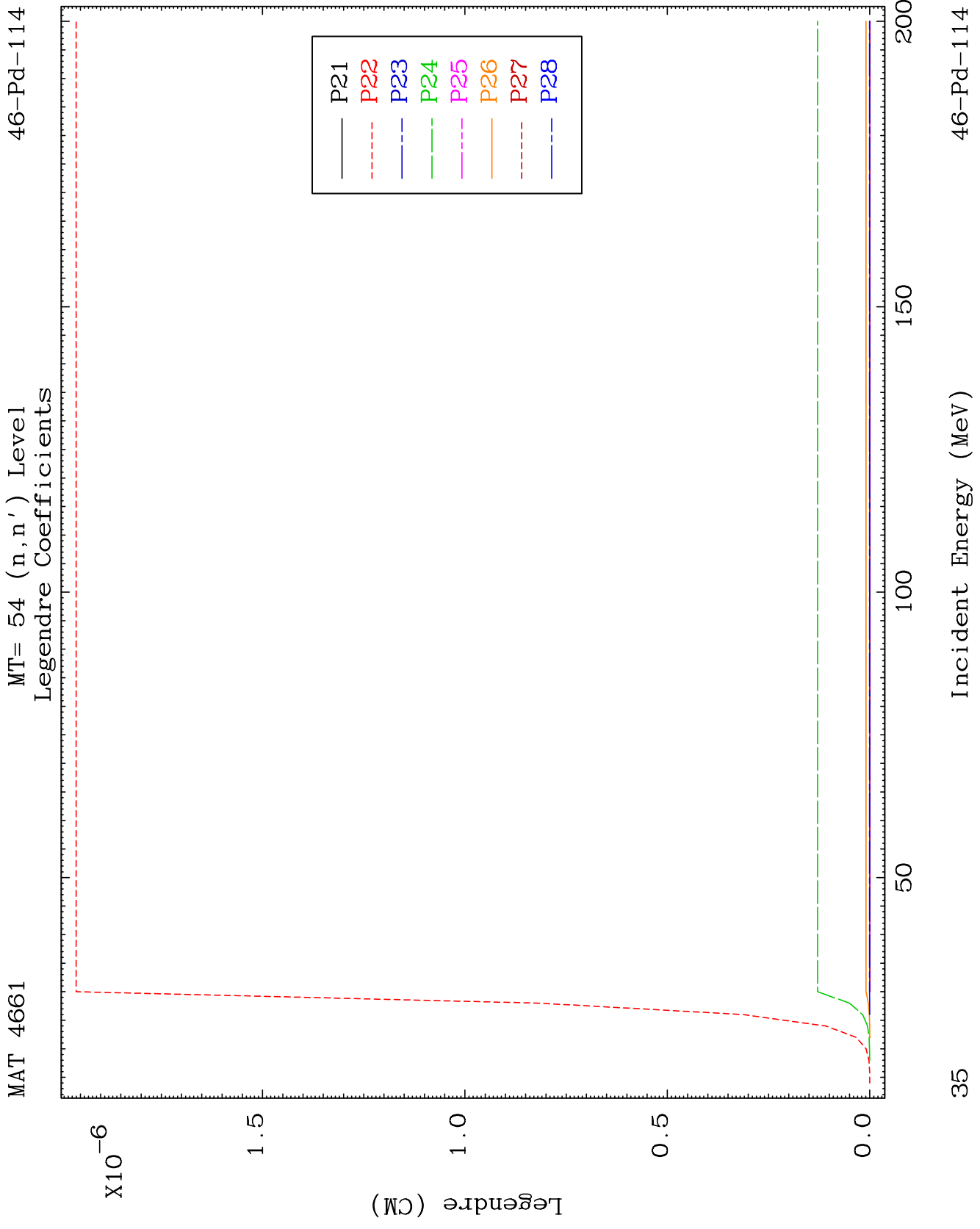
46-Pd-114



34

Incident Energy (MeV)

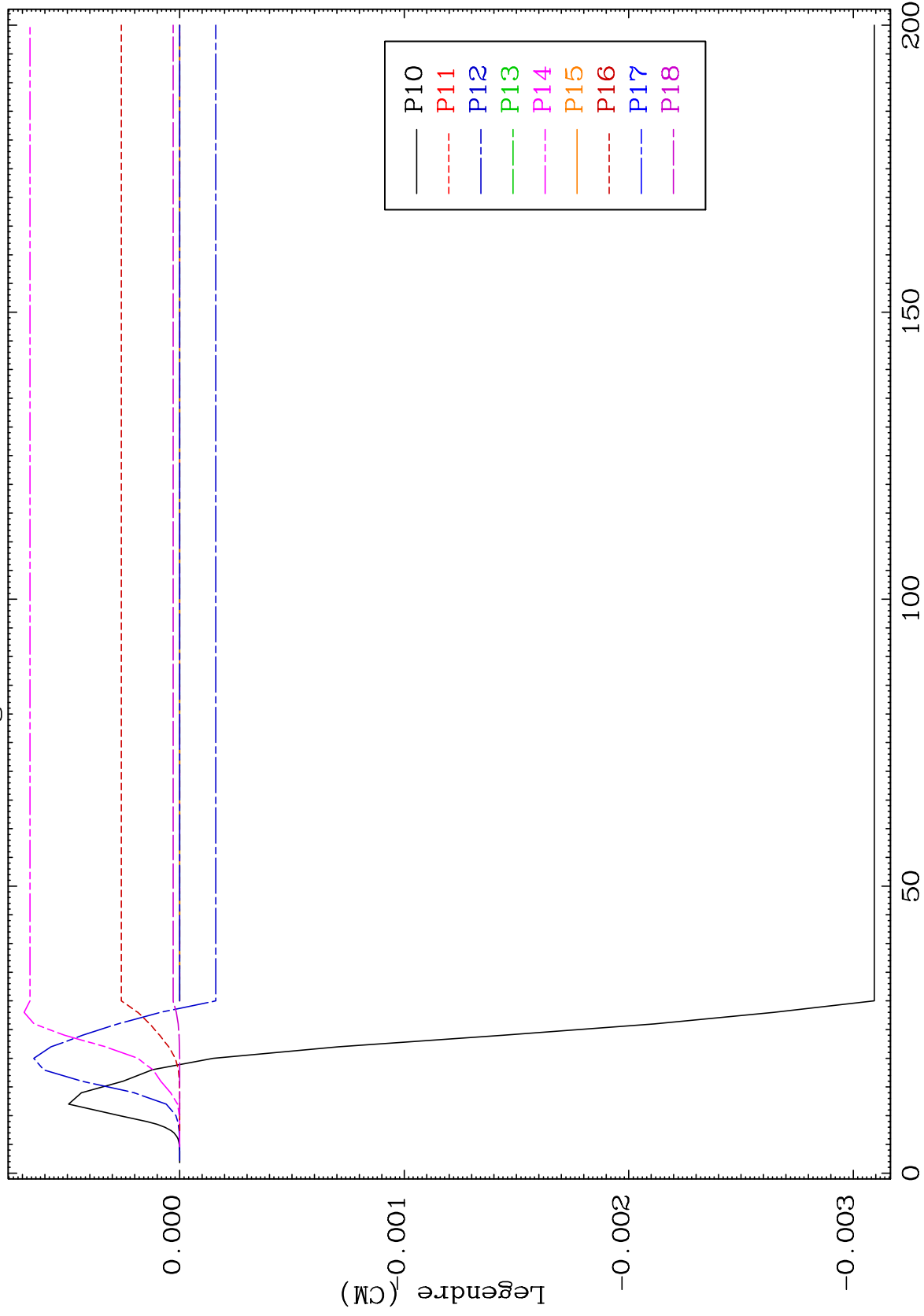
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MAT 4661

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Legendre Coefficients

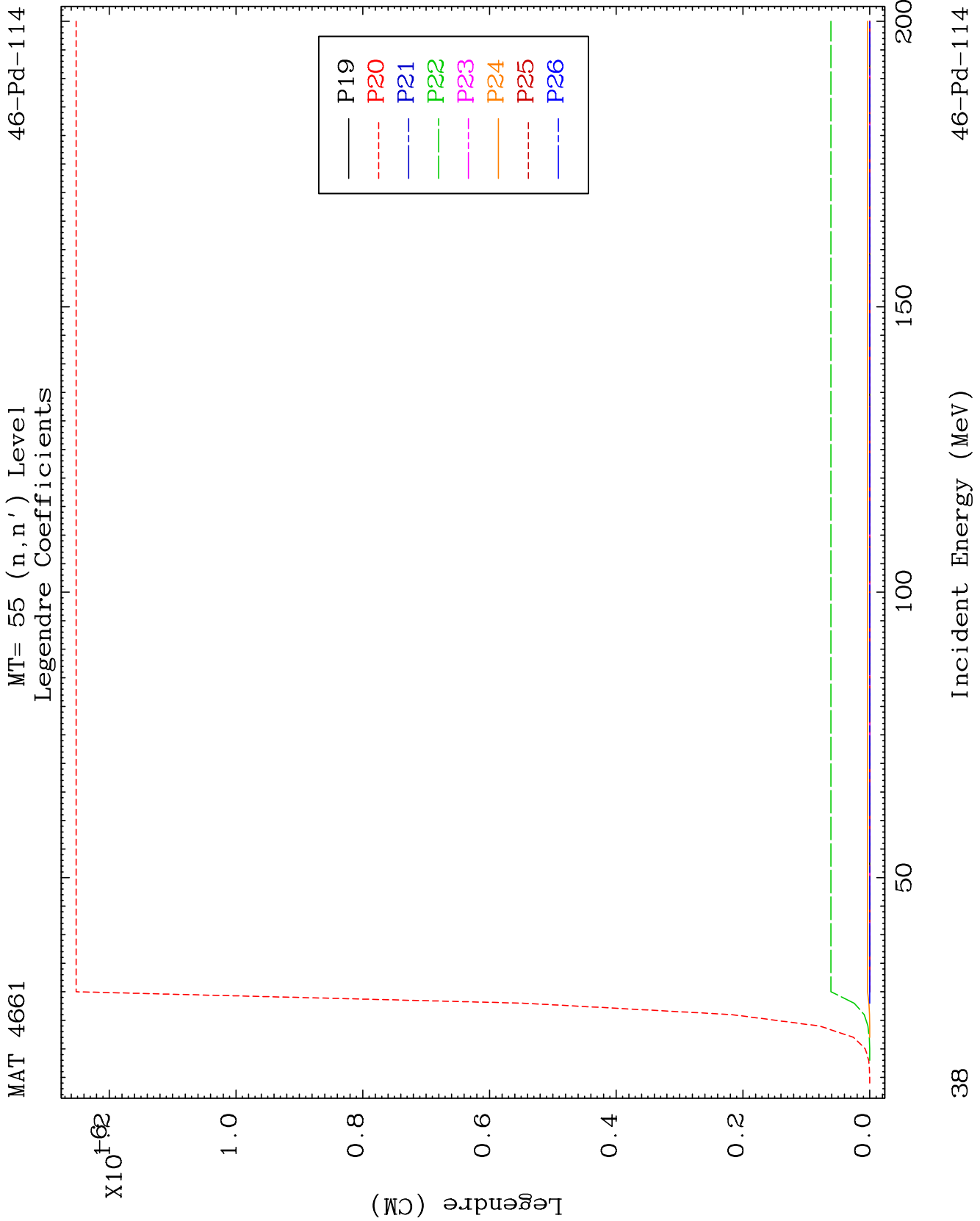
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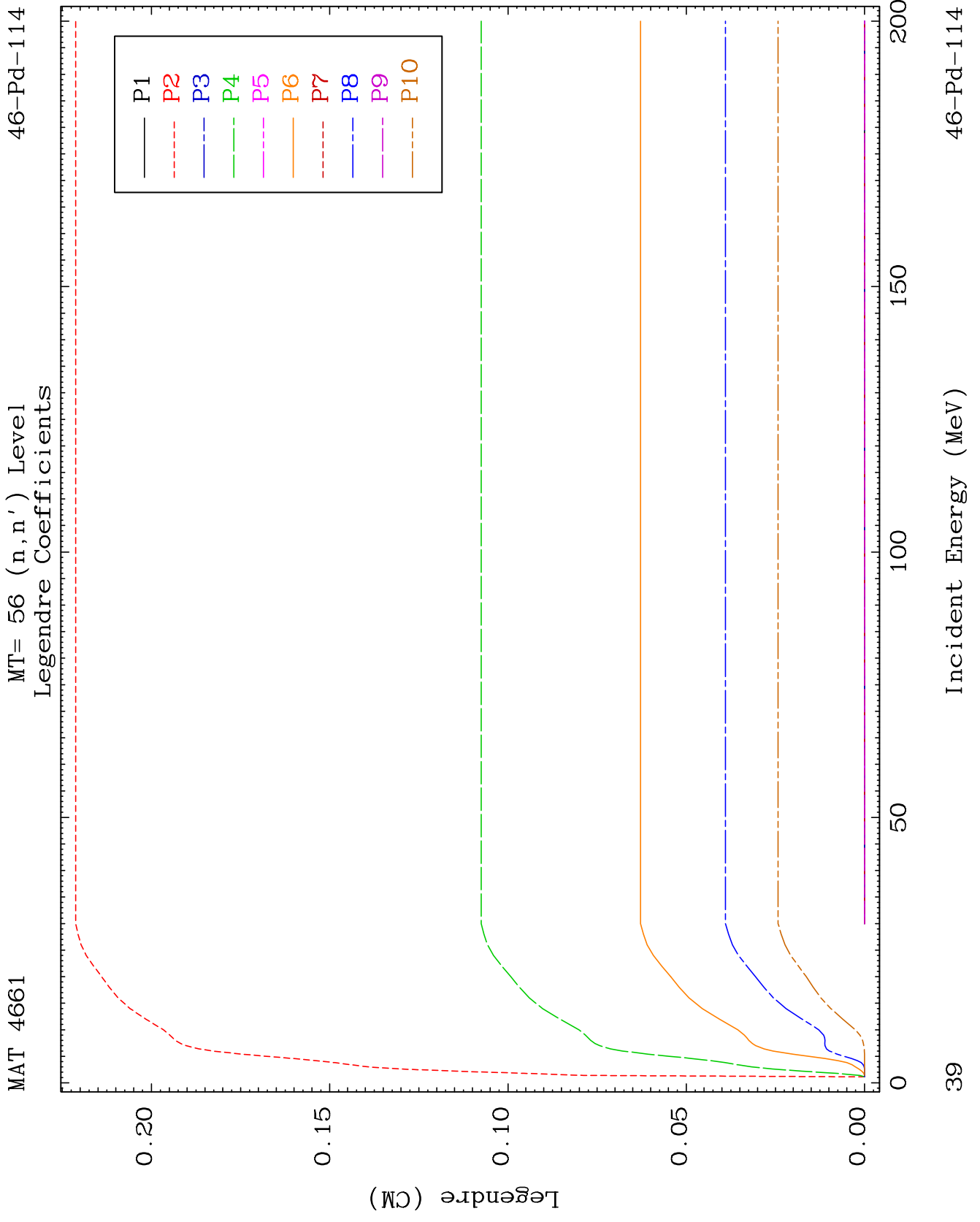


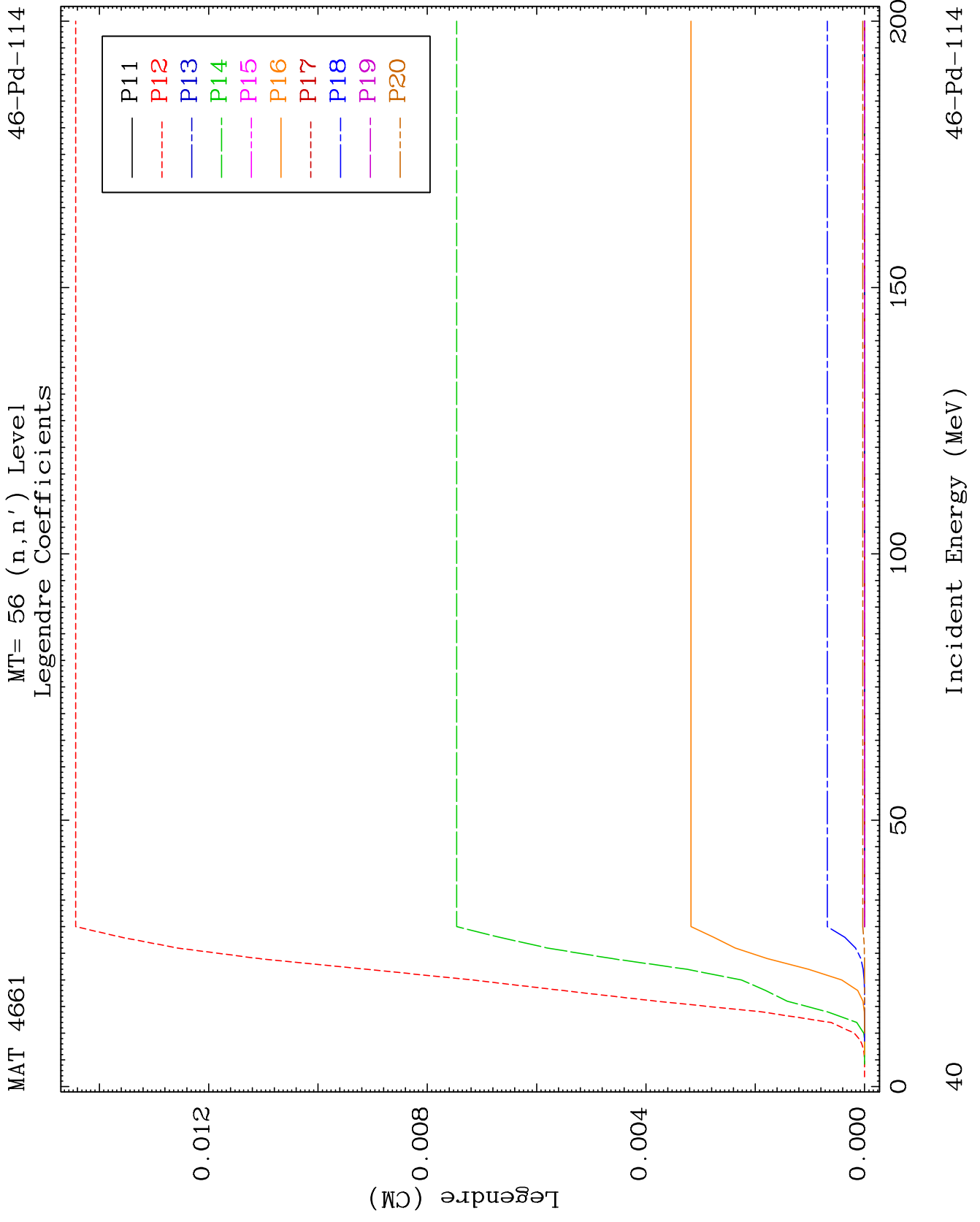
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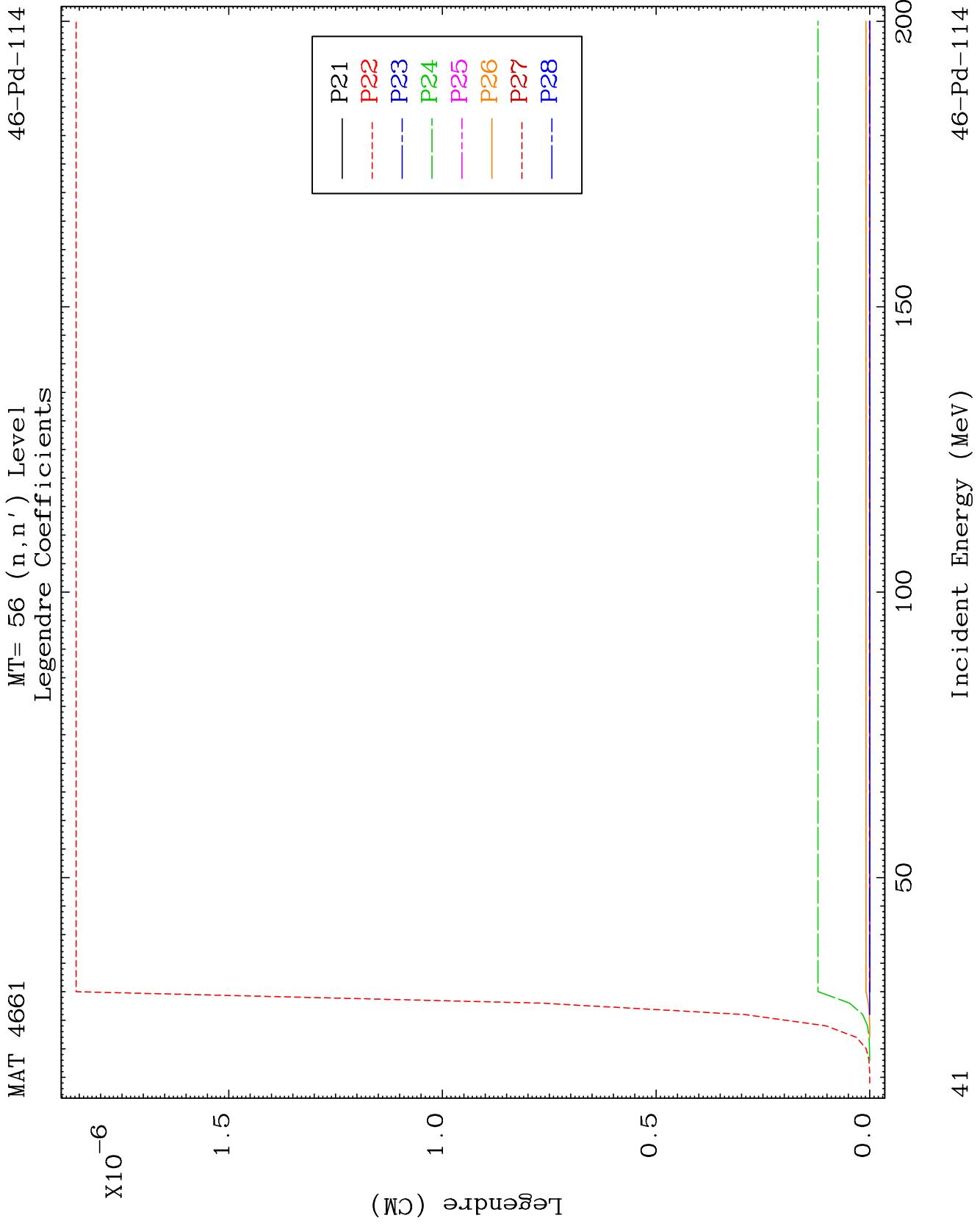
Incident Energy (MeV)

46-Pd-114







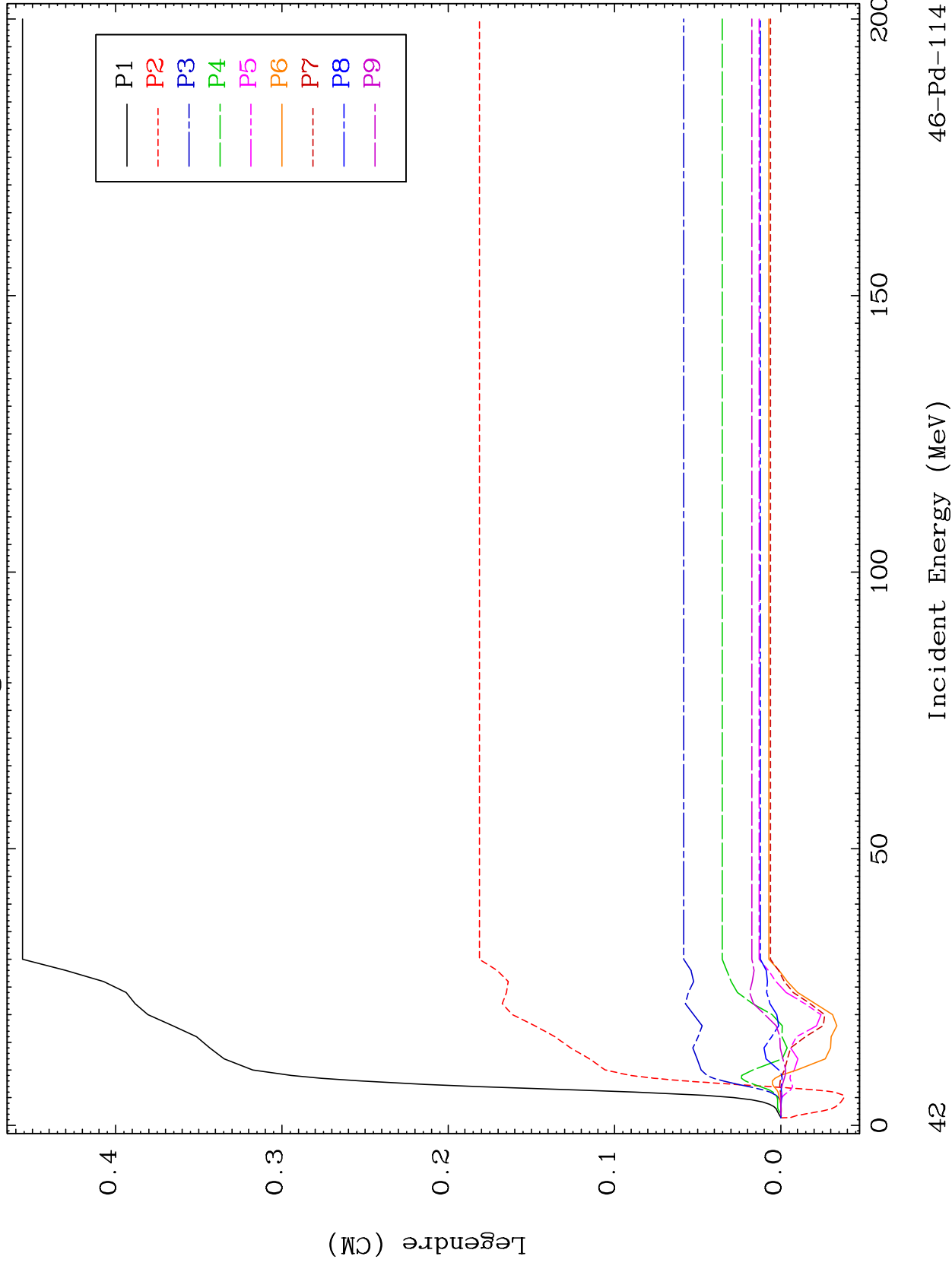


MAT 4661

MT= 57 (n,n') Level

46-Pd-114

Legendre Coefficients



46-Pd-114

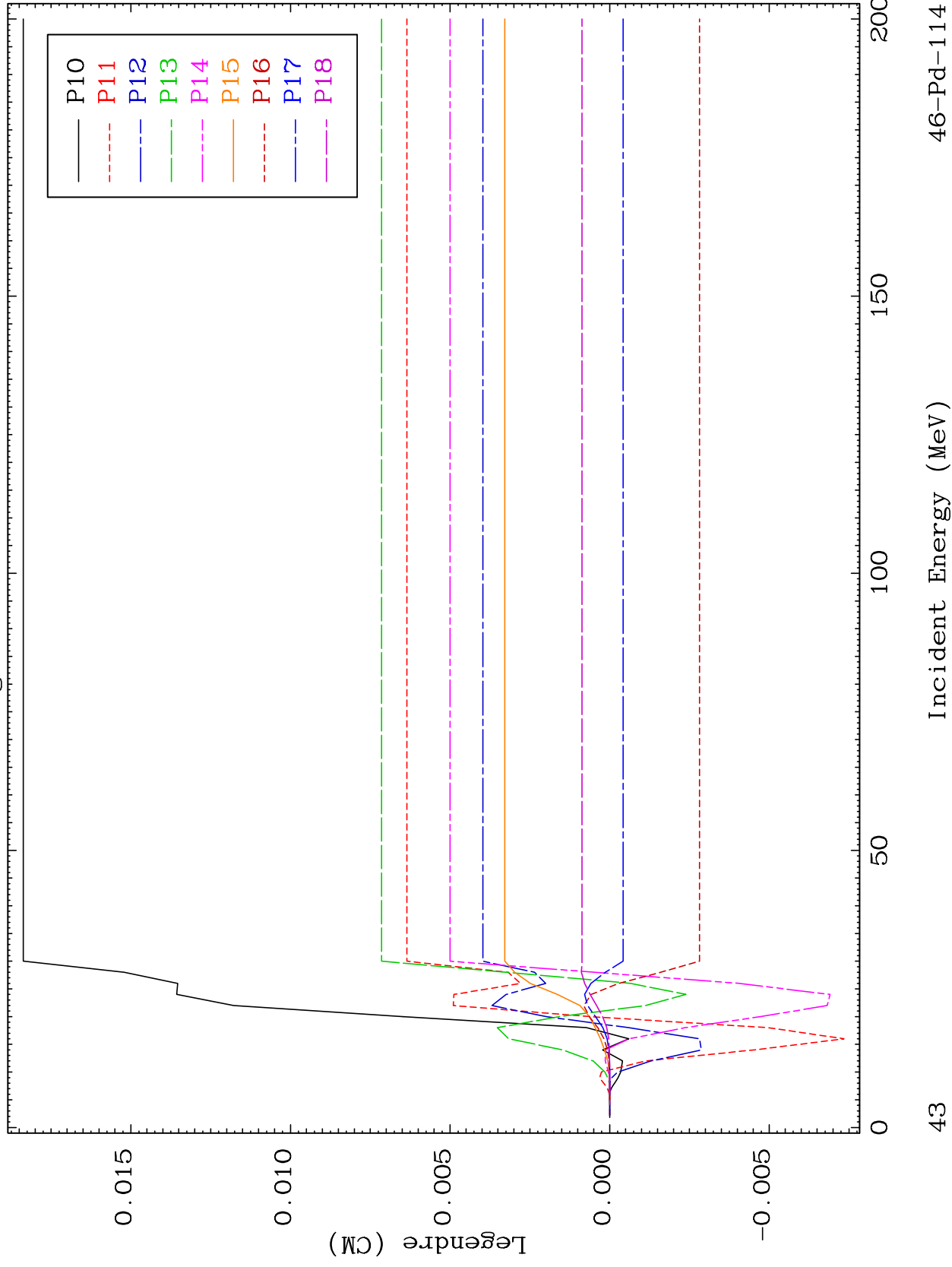
Incident Energy (MeV)

42

MAT 4661

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

46-Pd-114



46-Pd-114

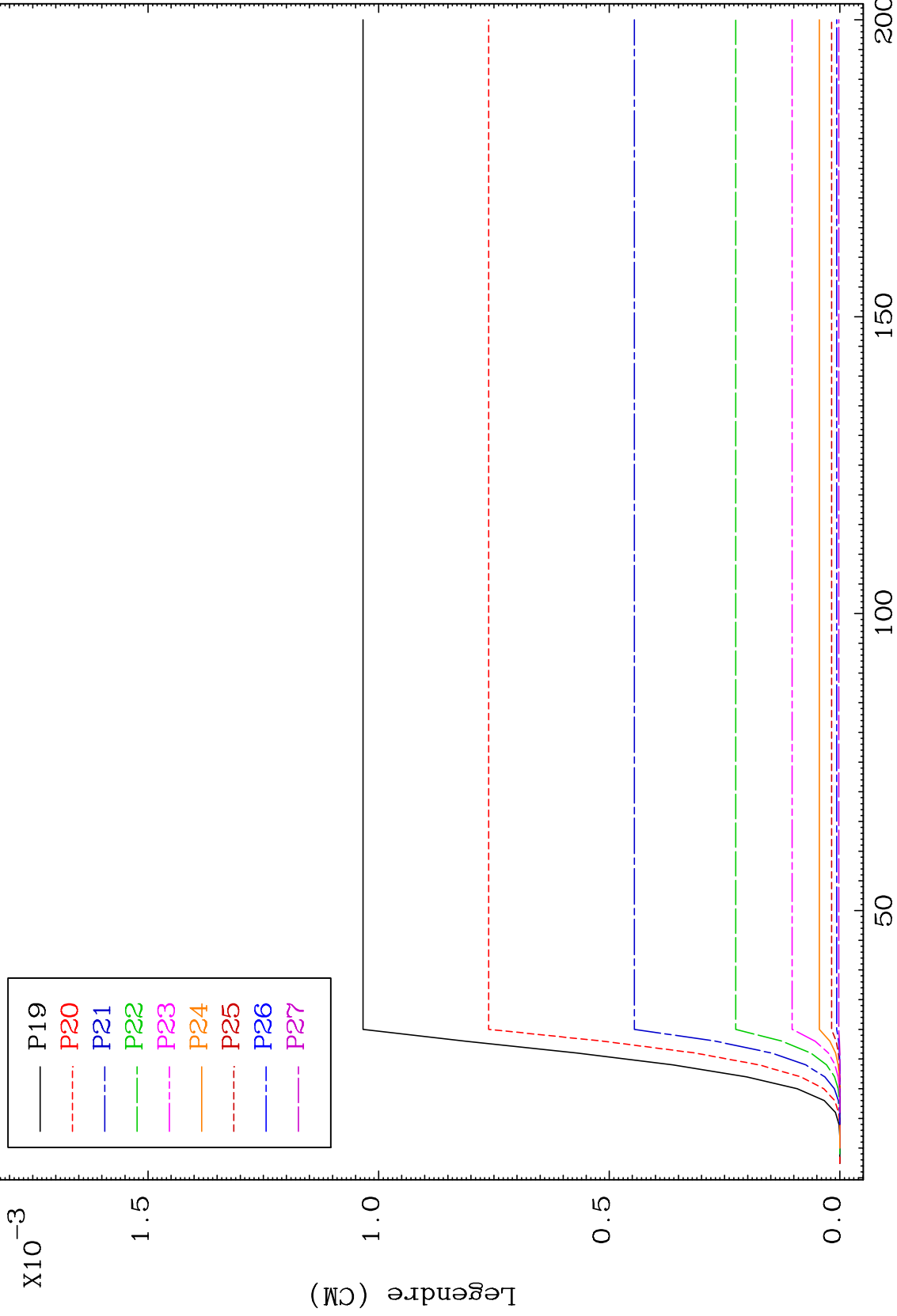
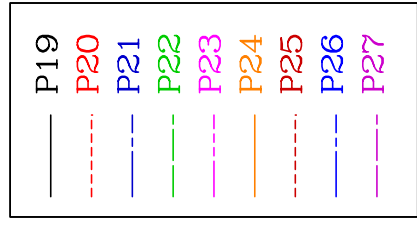
Incident Energy (MeV)

43

MAT 4661

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

46-Pd-114



44

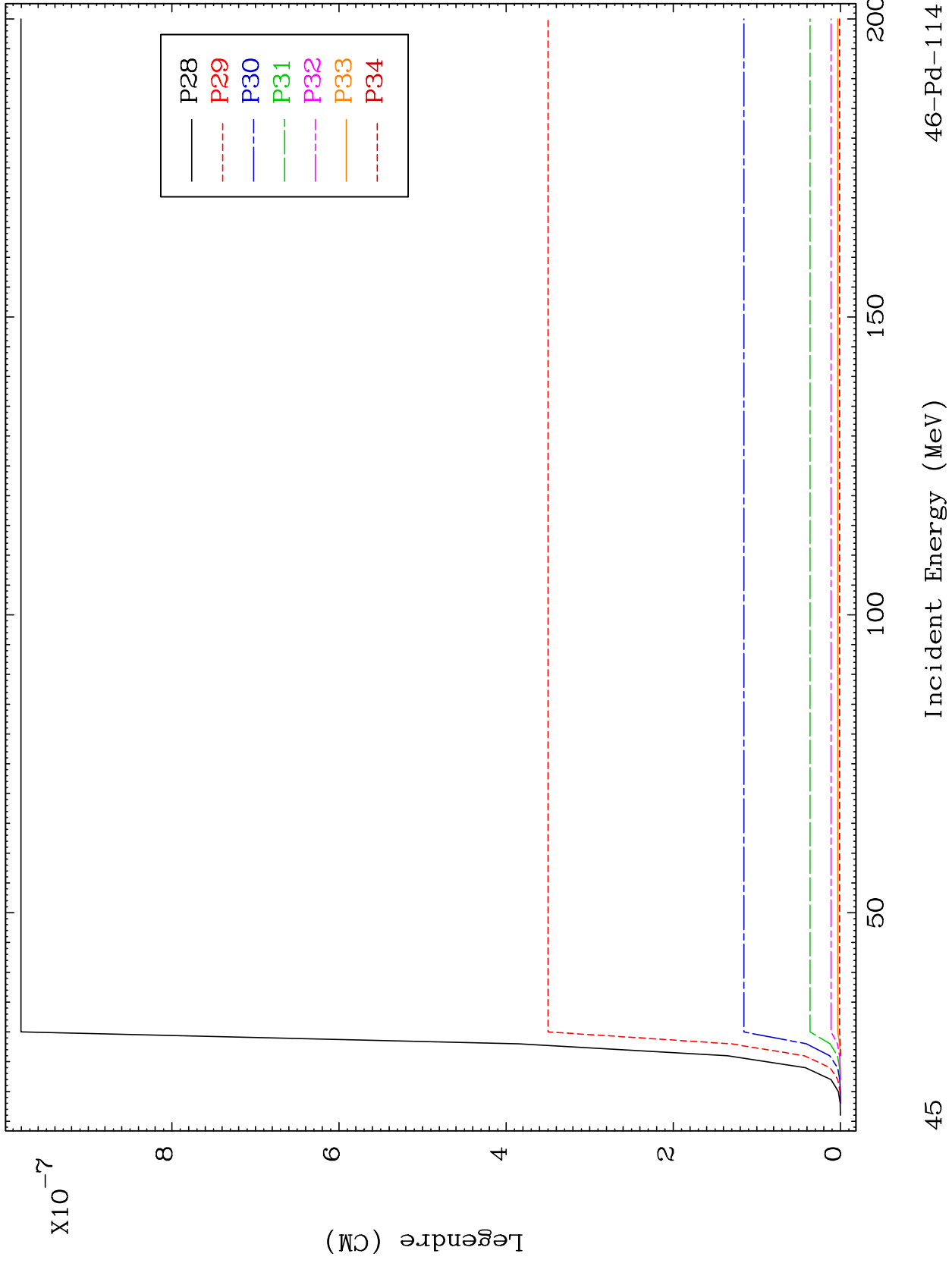
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

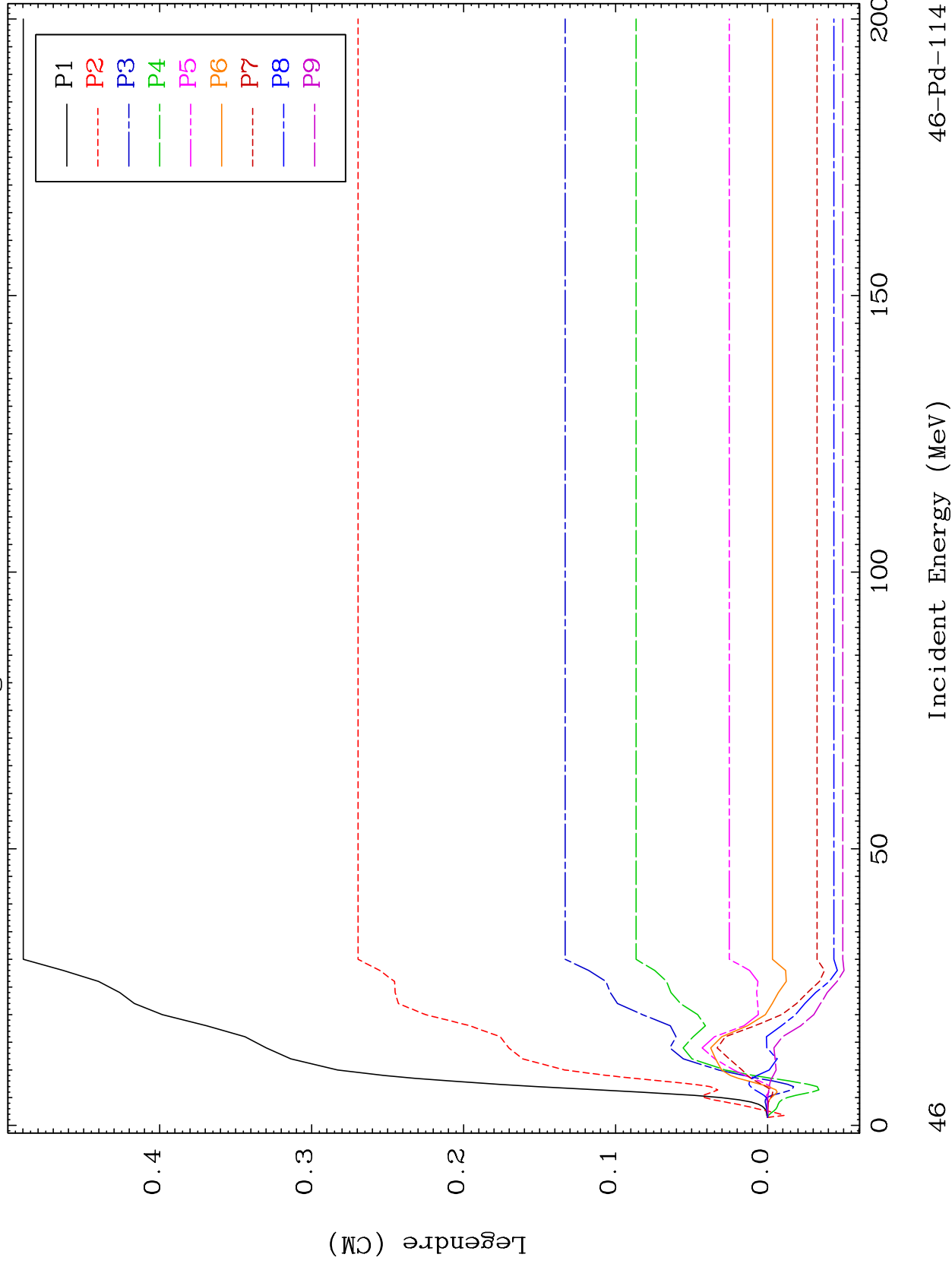
46-Pd-114



MAT 4661

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

46-Pd-114

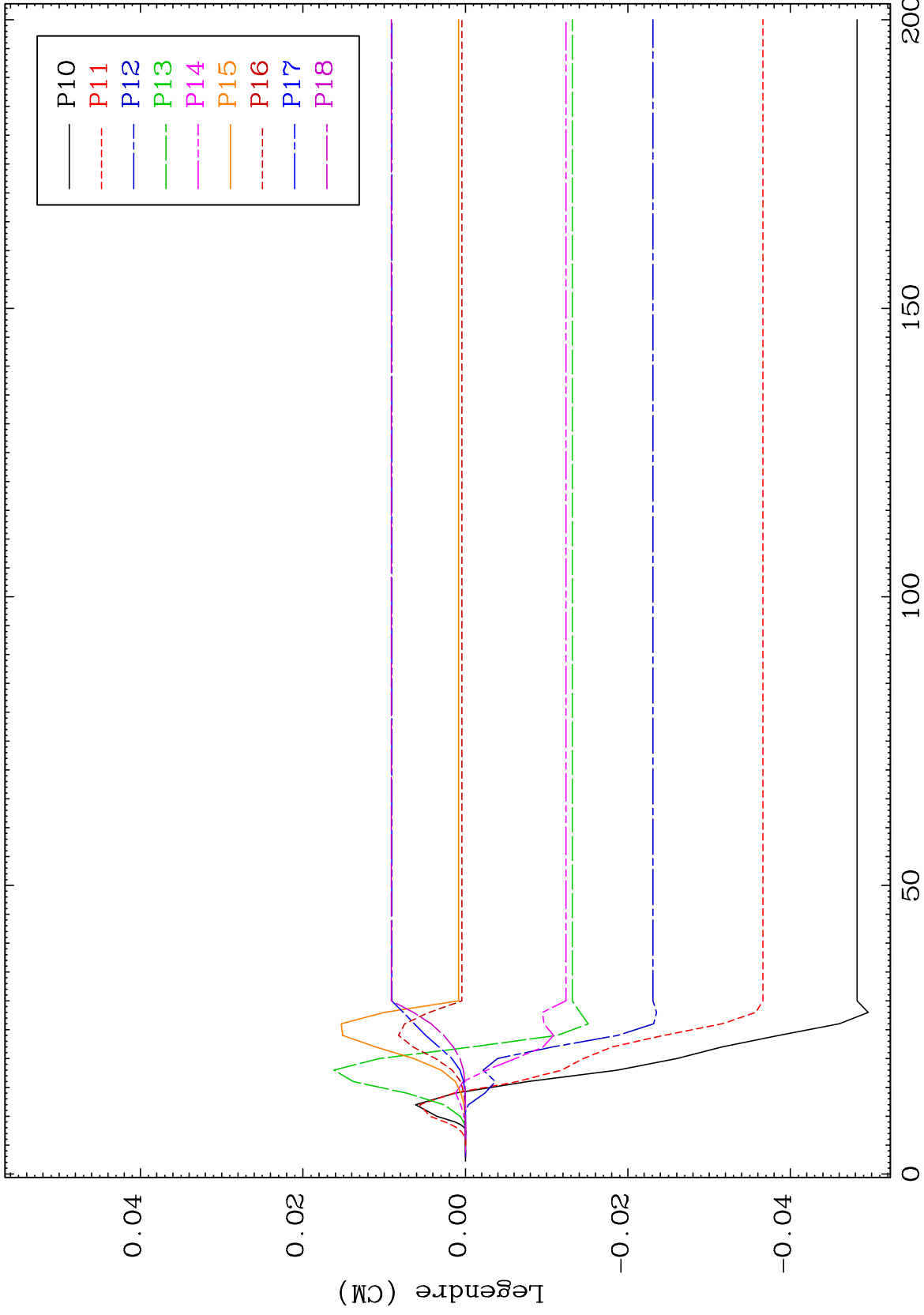


46-Pd-114

MAT 4661

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

46-Pd-114



47

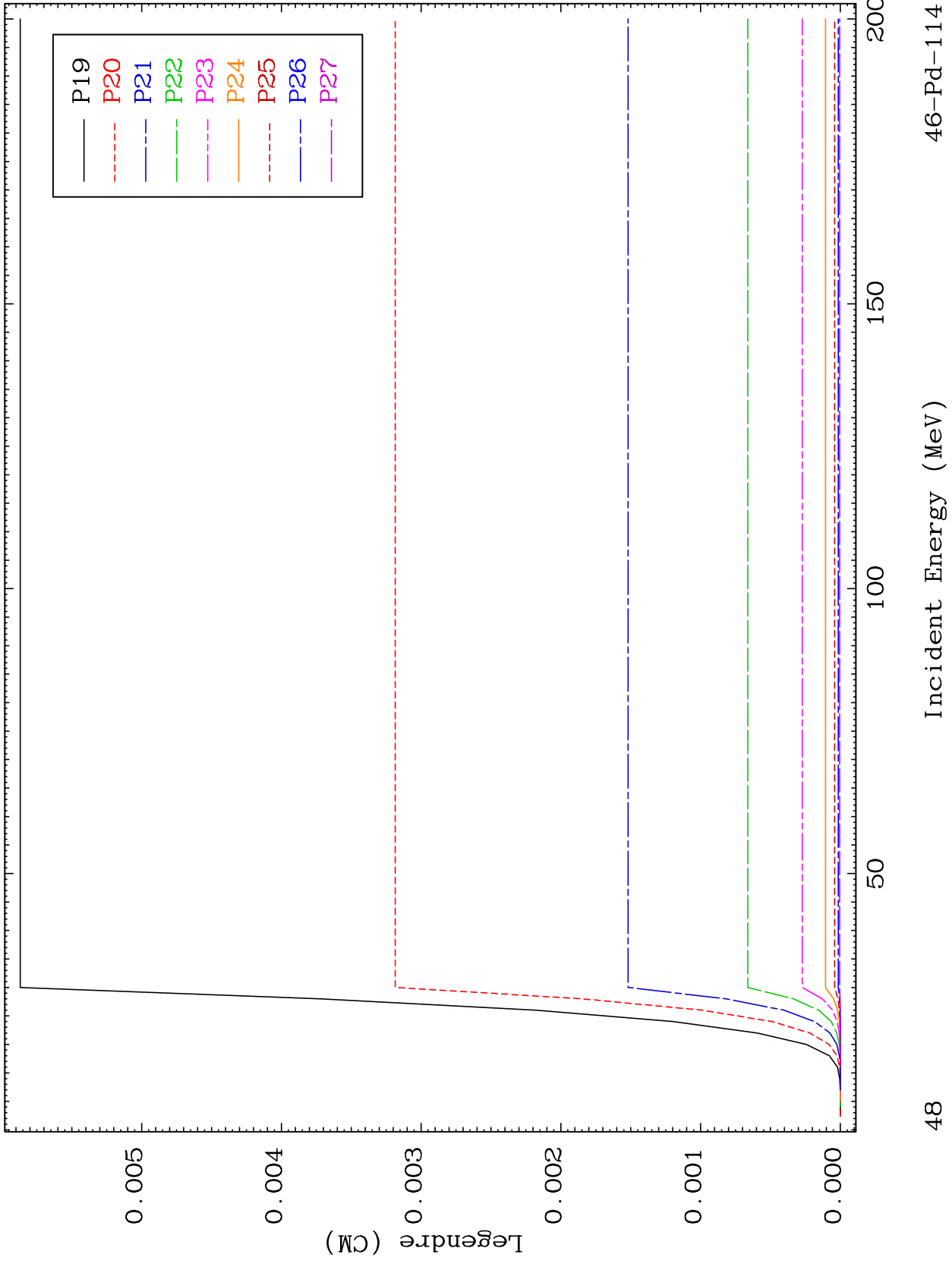
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



48

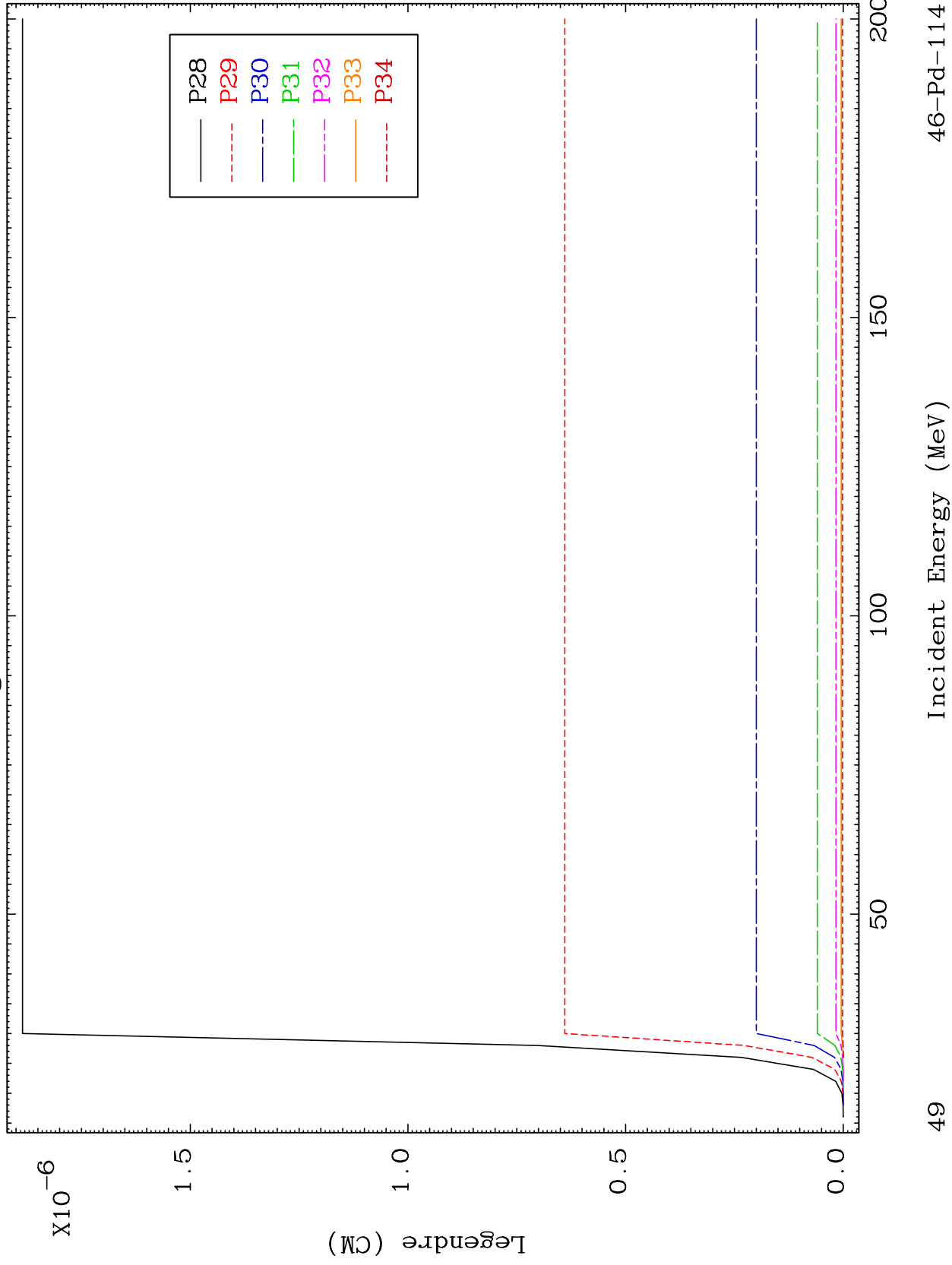
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

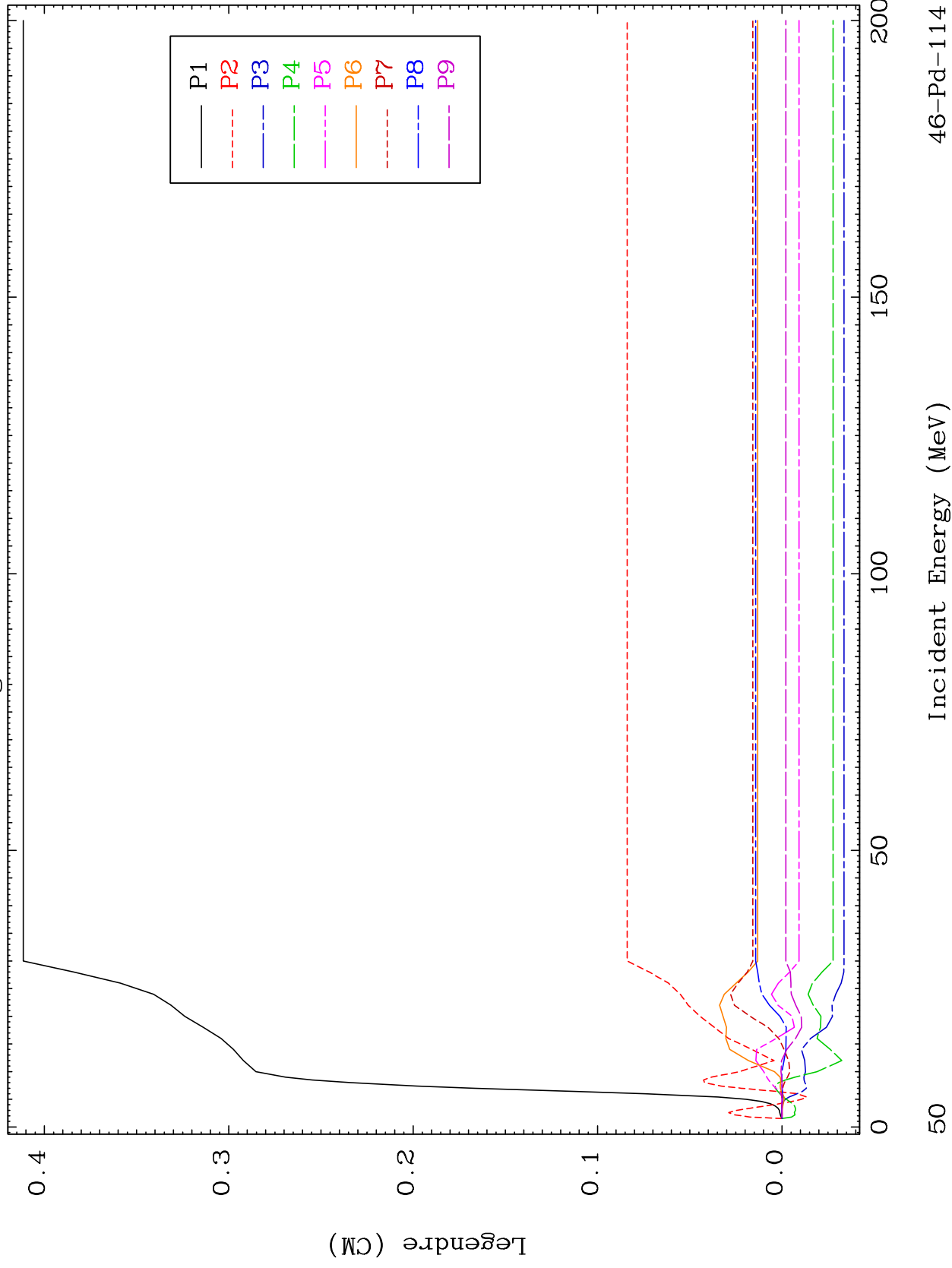
46-Pd-114



MAT 4661

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

46-Pd-114



46-Pd-114

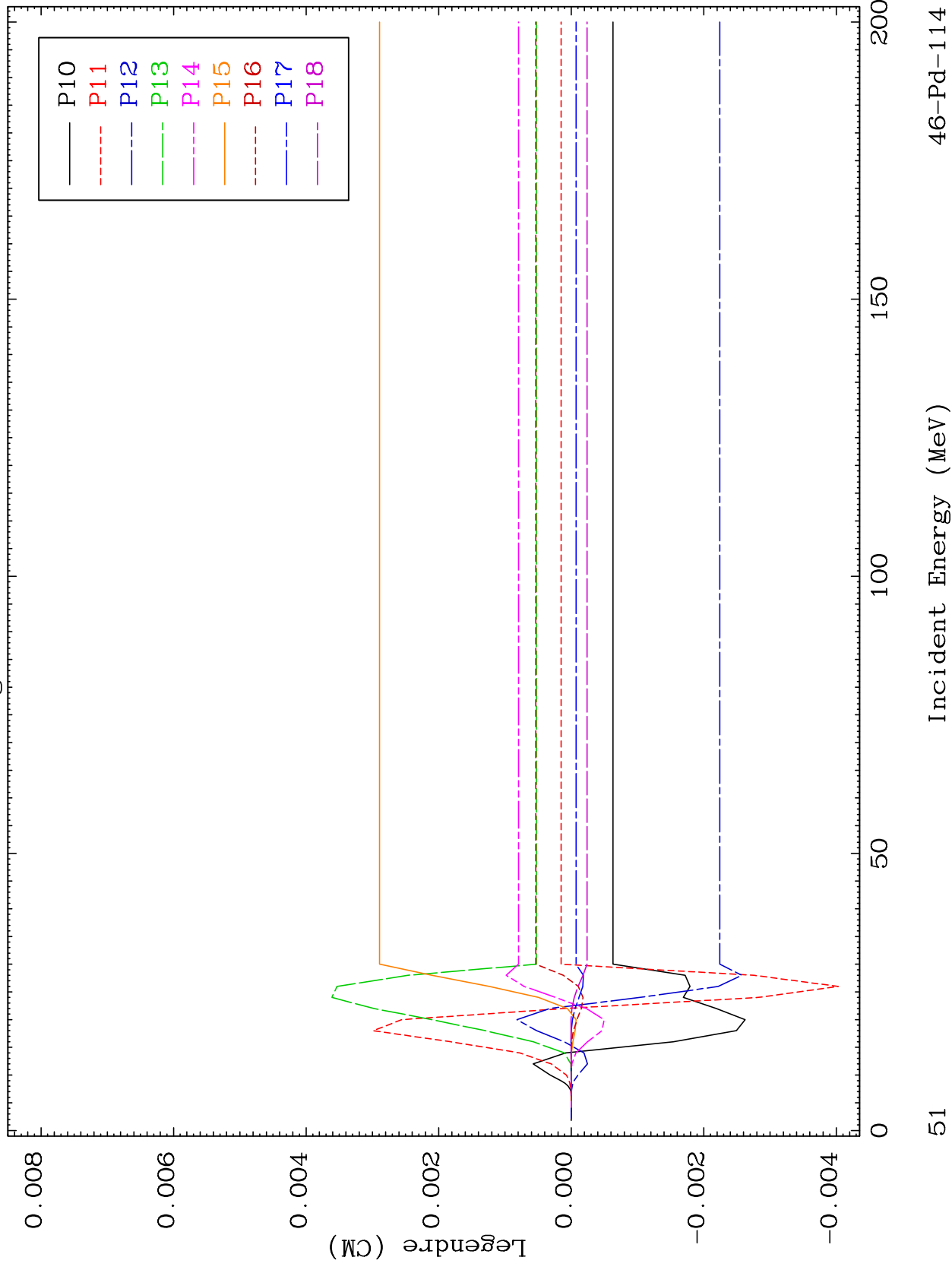
Incident Energy (MeV)

50

MAT 4661

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

46-Pd-114



51

Incident Energy (MeV)

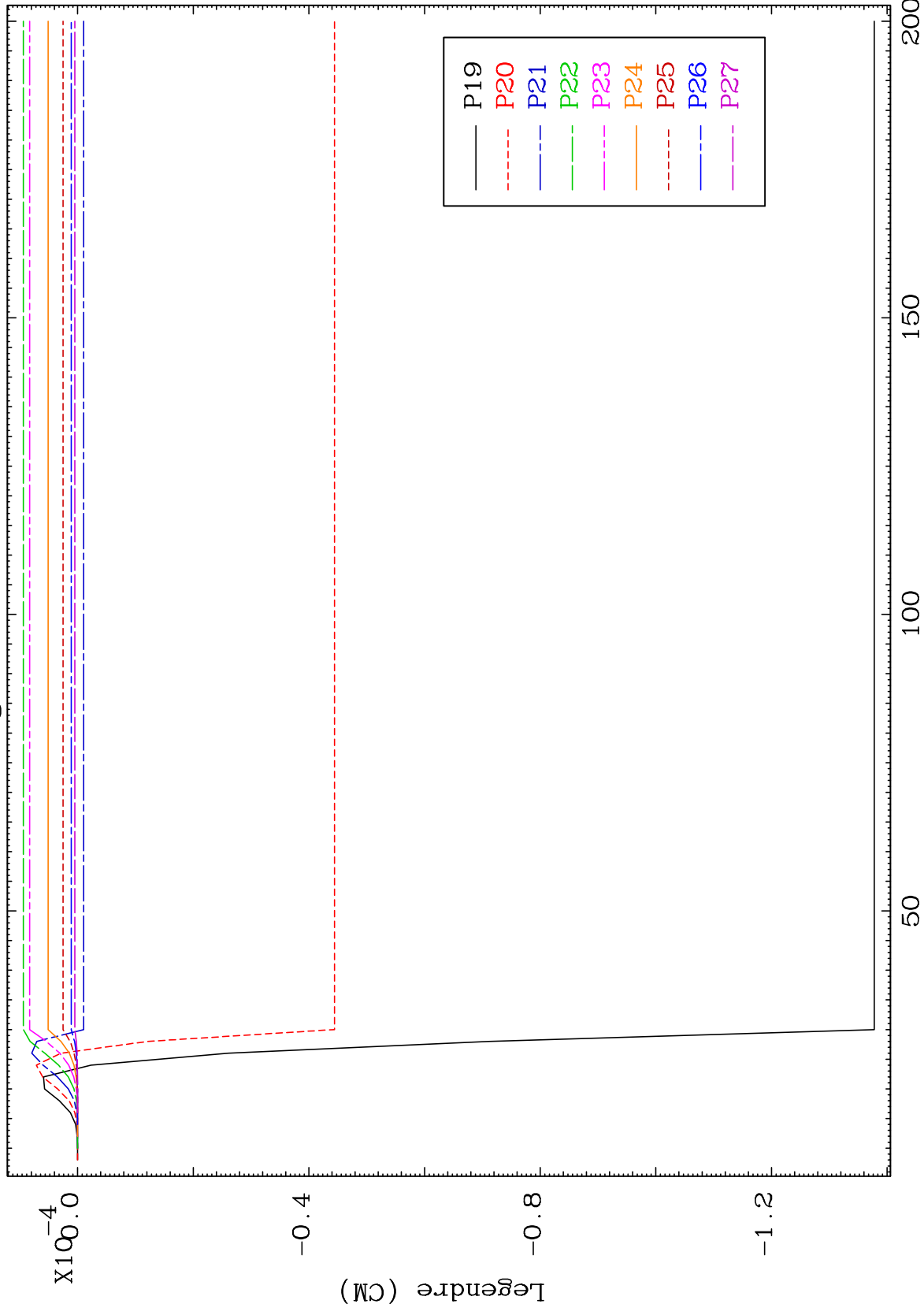
46-Pd-114

MAT 4661

MT= 59 (n,n') Level

46-Pd-114

Legendre Coefficients



52

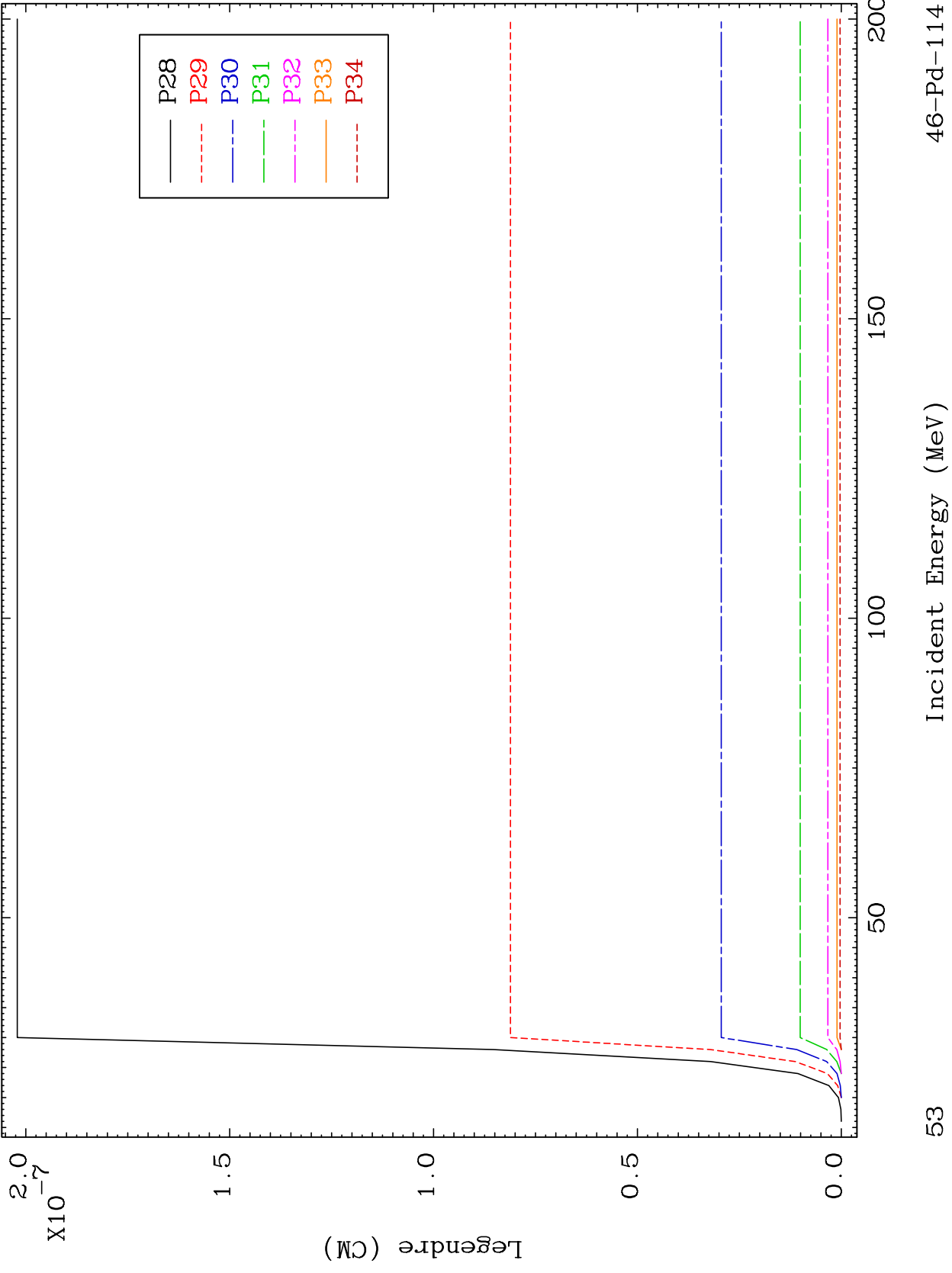
Incident Energy (MeV)

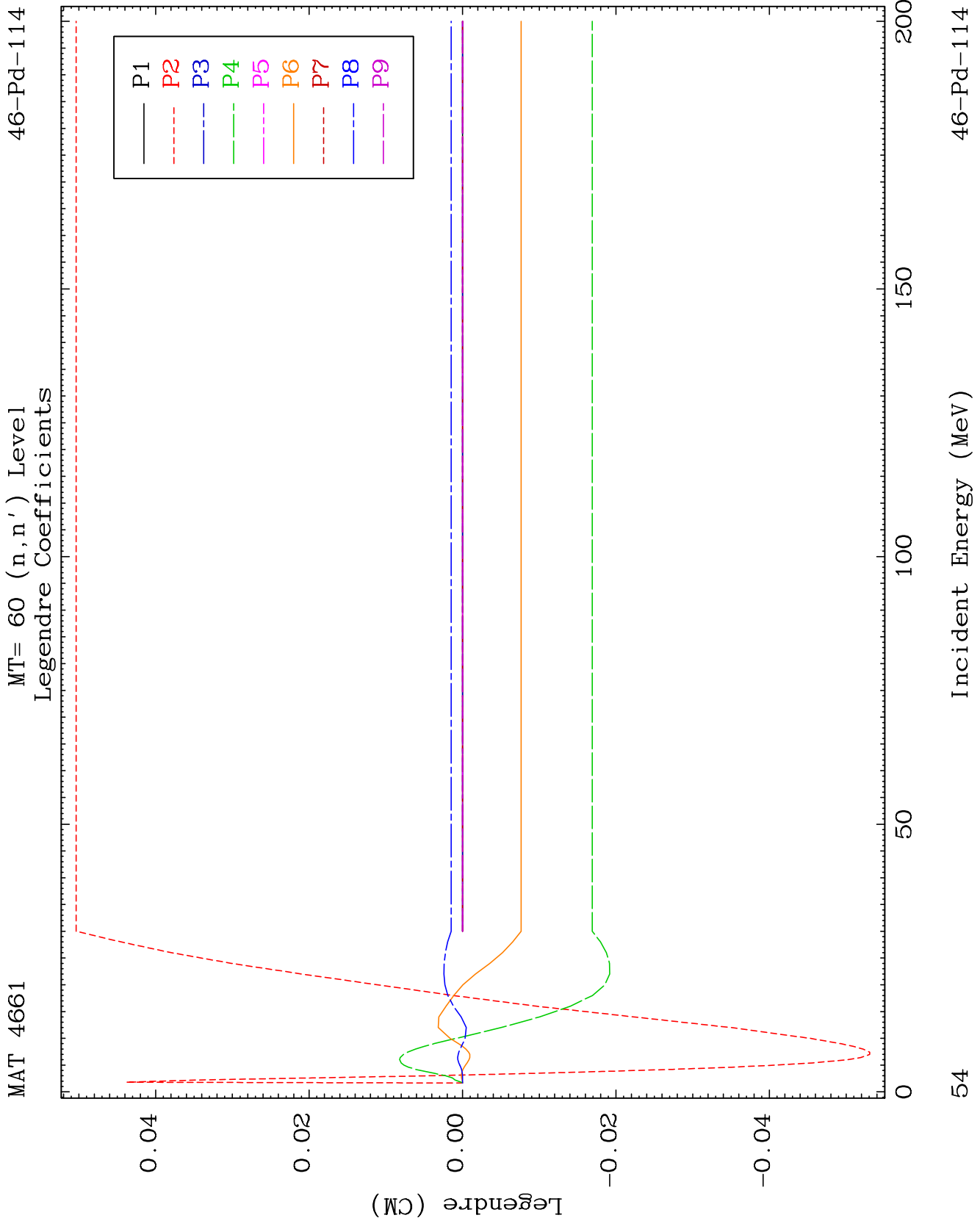
46-Pd-114

MAT 4661

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

46-Pd-114

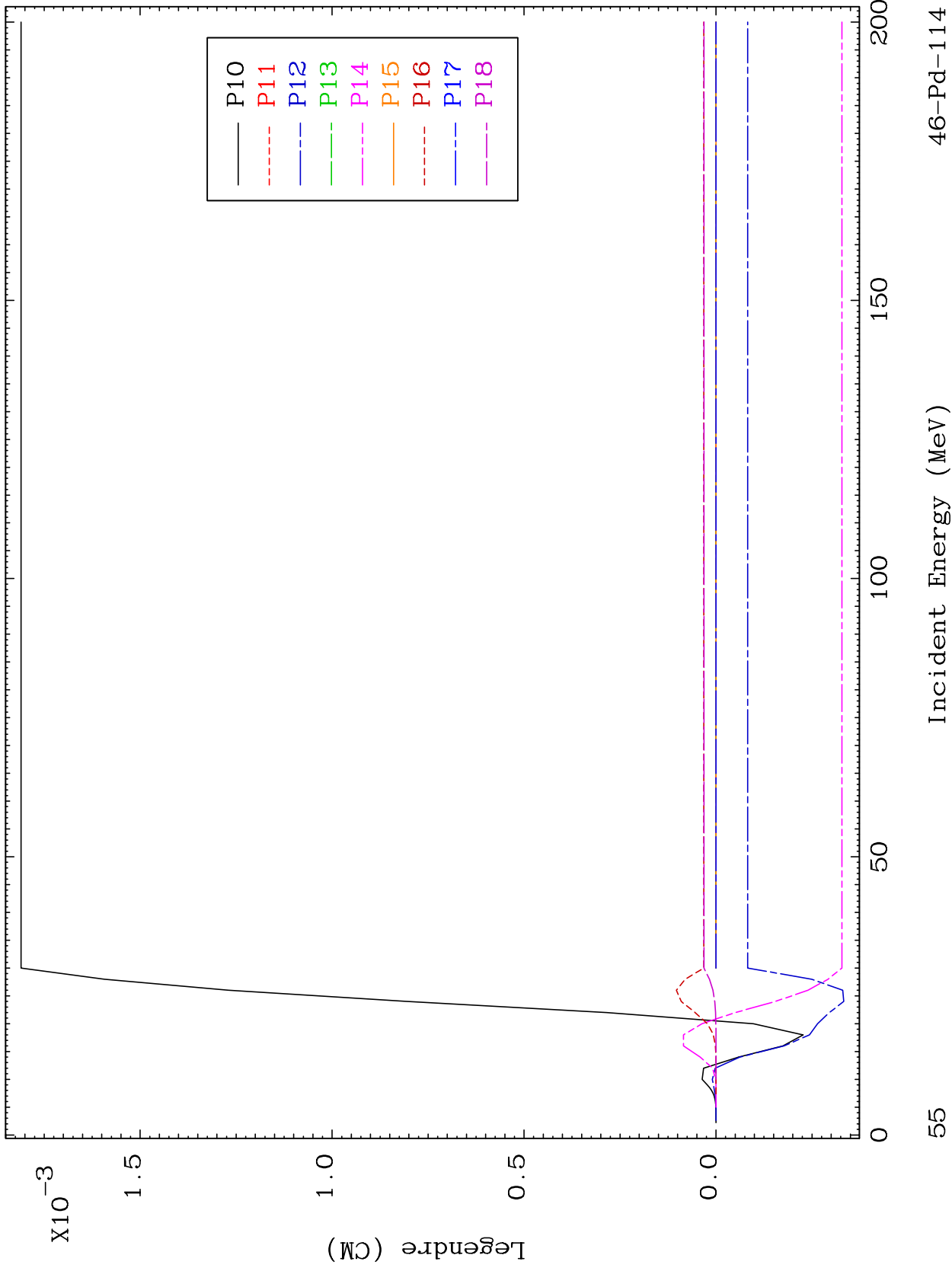




MAT 4661

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

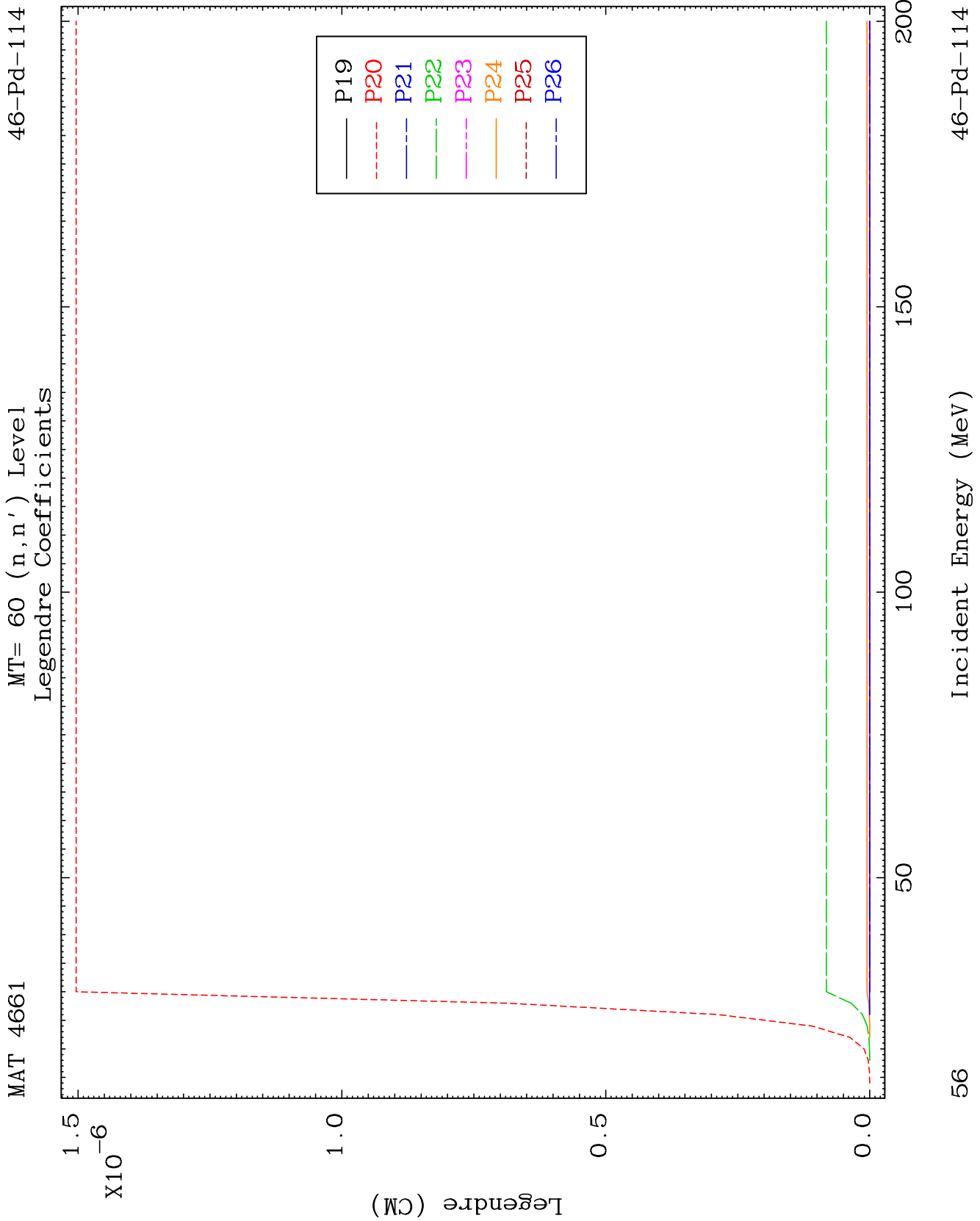
46-Pd-114



46-Pd-114

Incident Energy (MeV)

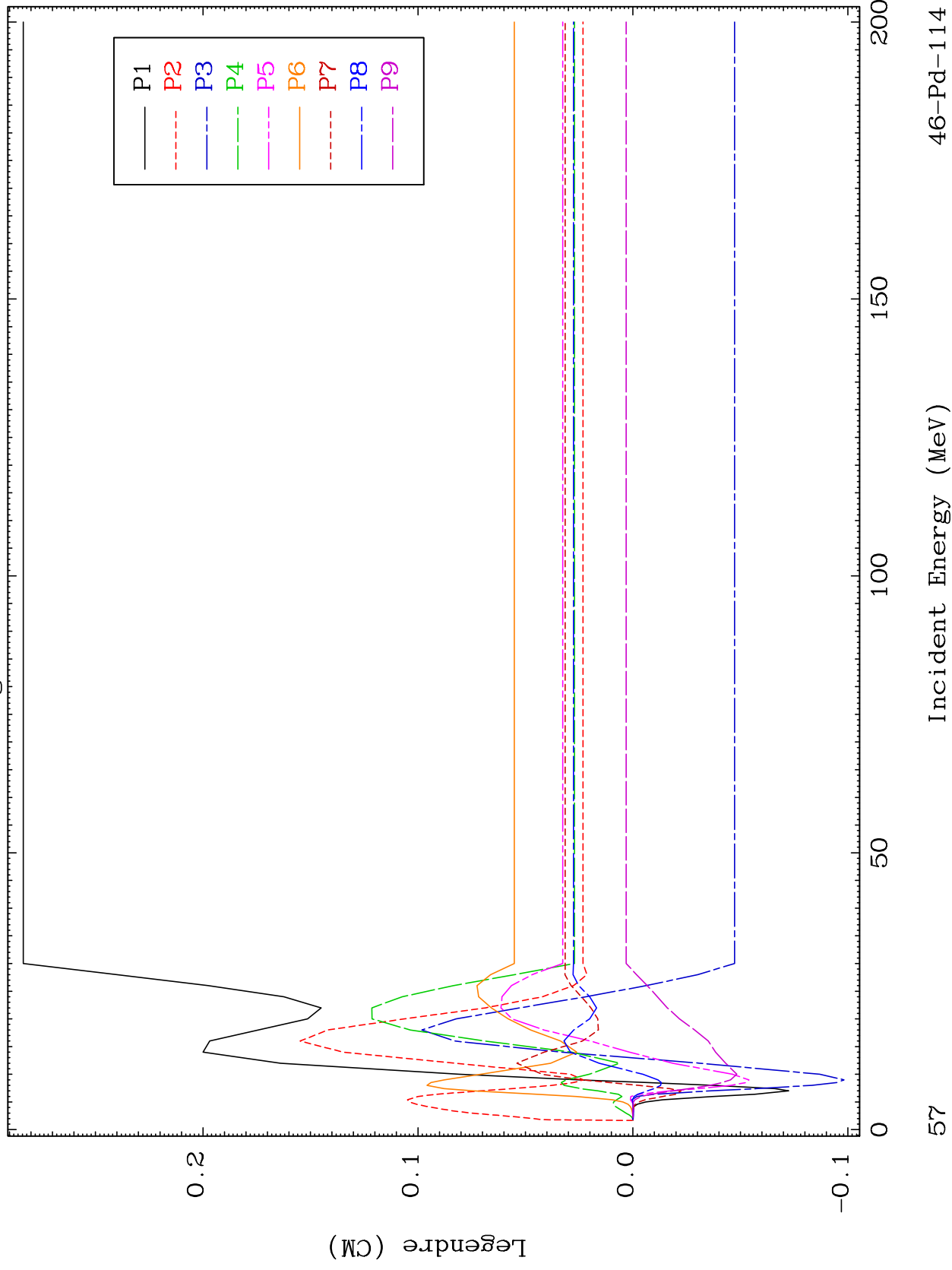
55



MAT 4661

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

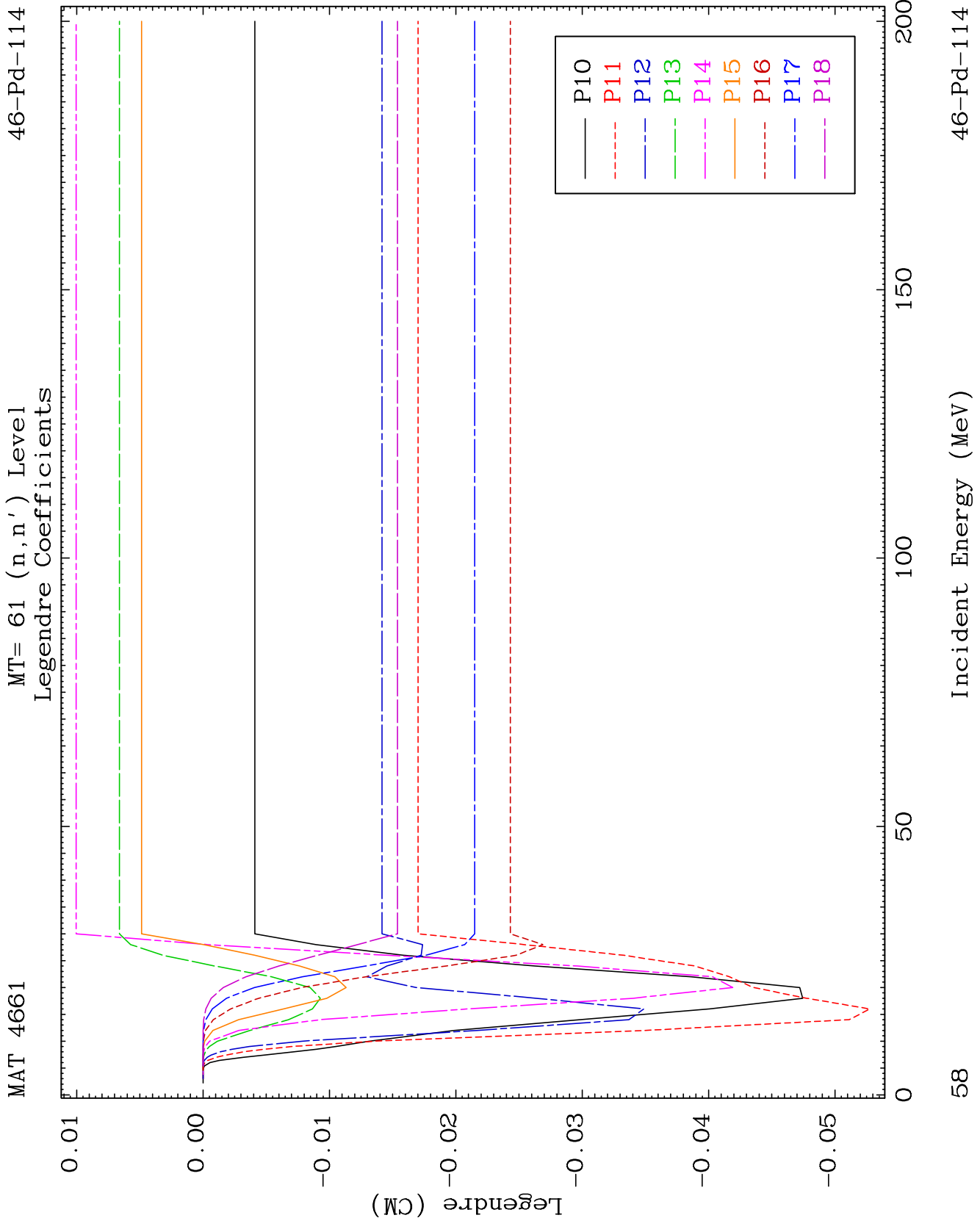
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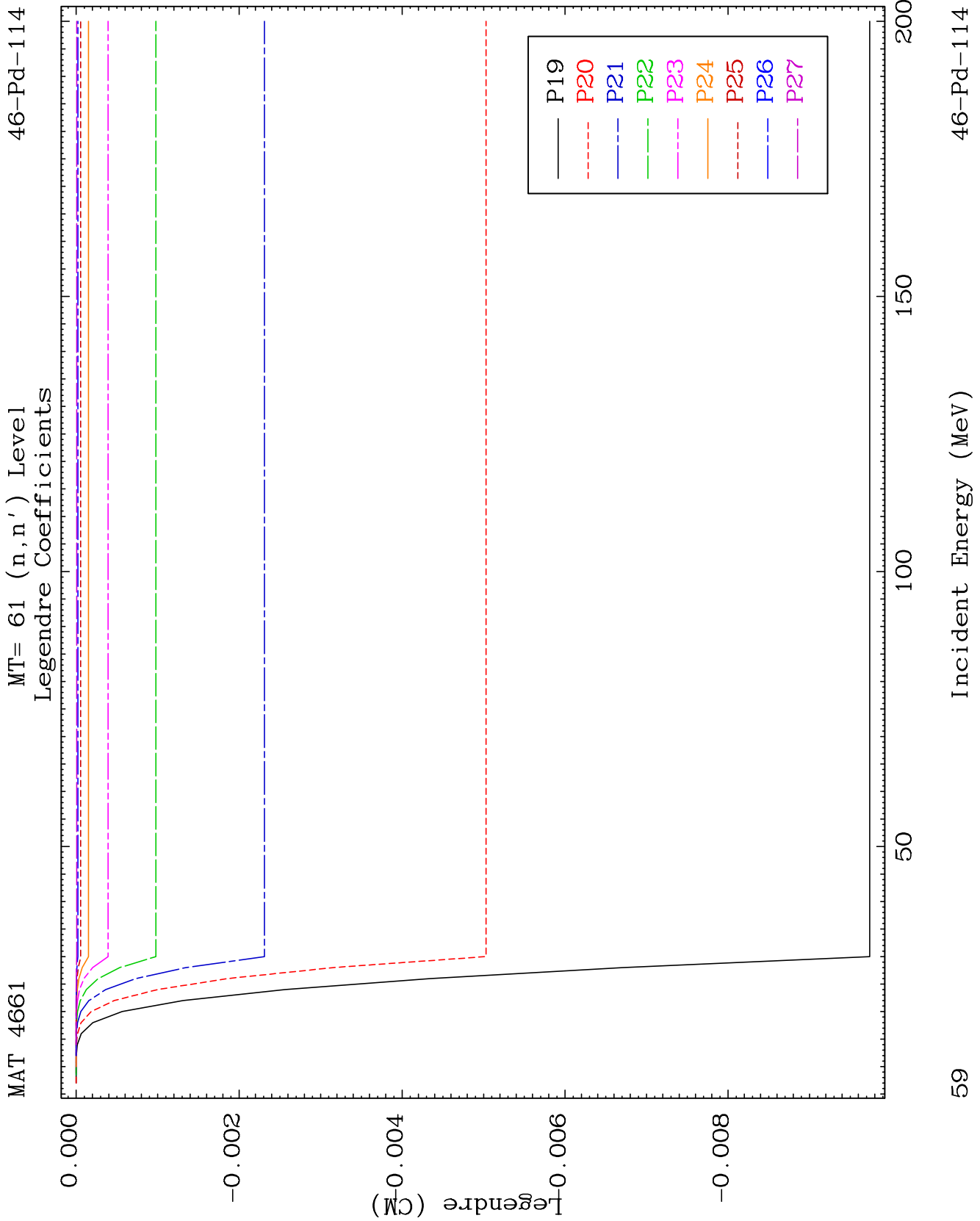


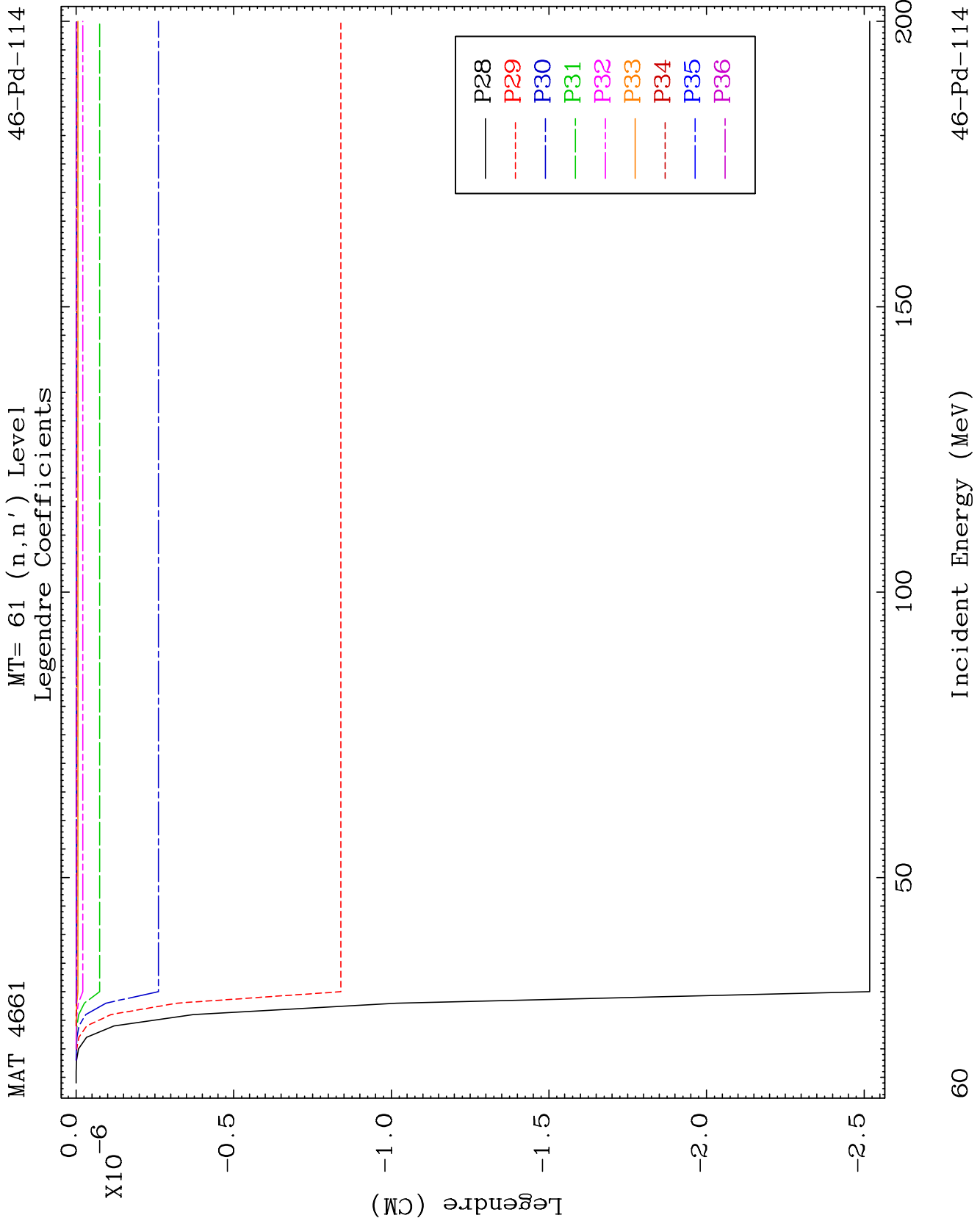
57

Incident Energy (MeV)

46-Pd-114



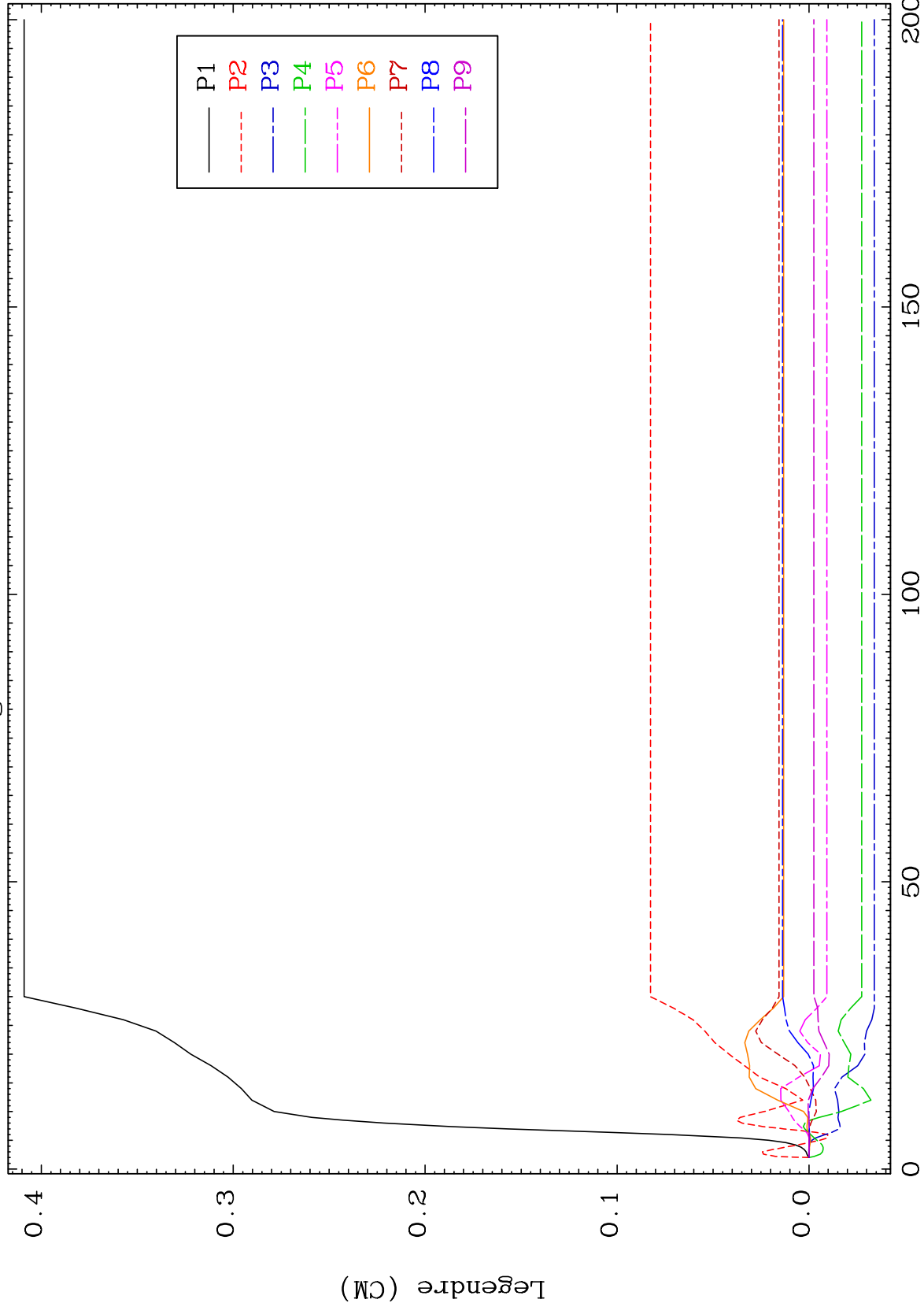




MAT 4661

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

46-Pd-114



61

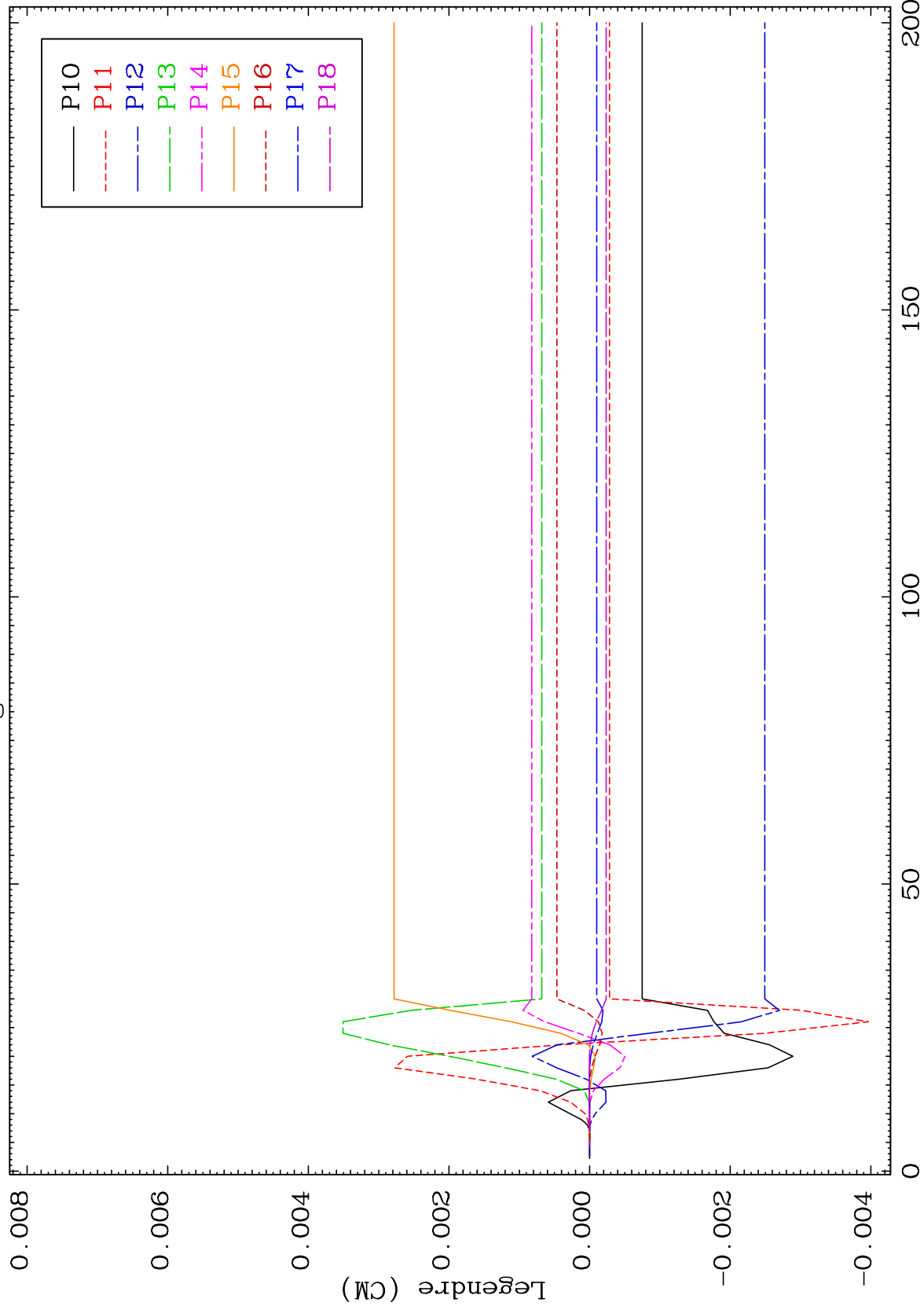
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

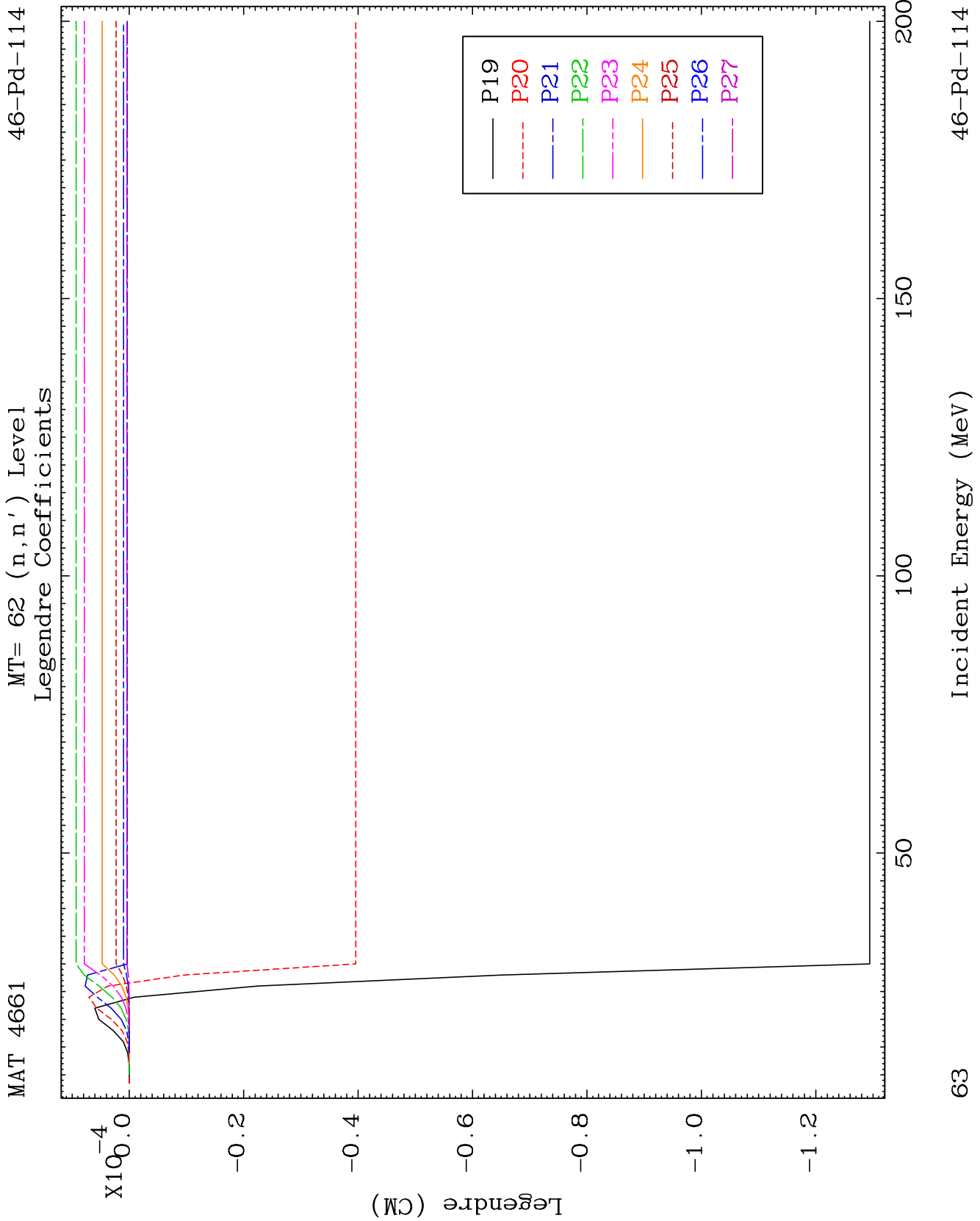
46-Pd-114



62

Incident Energy (MeV)

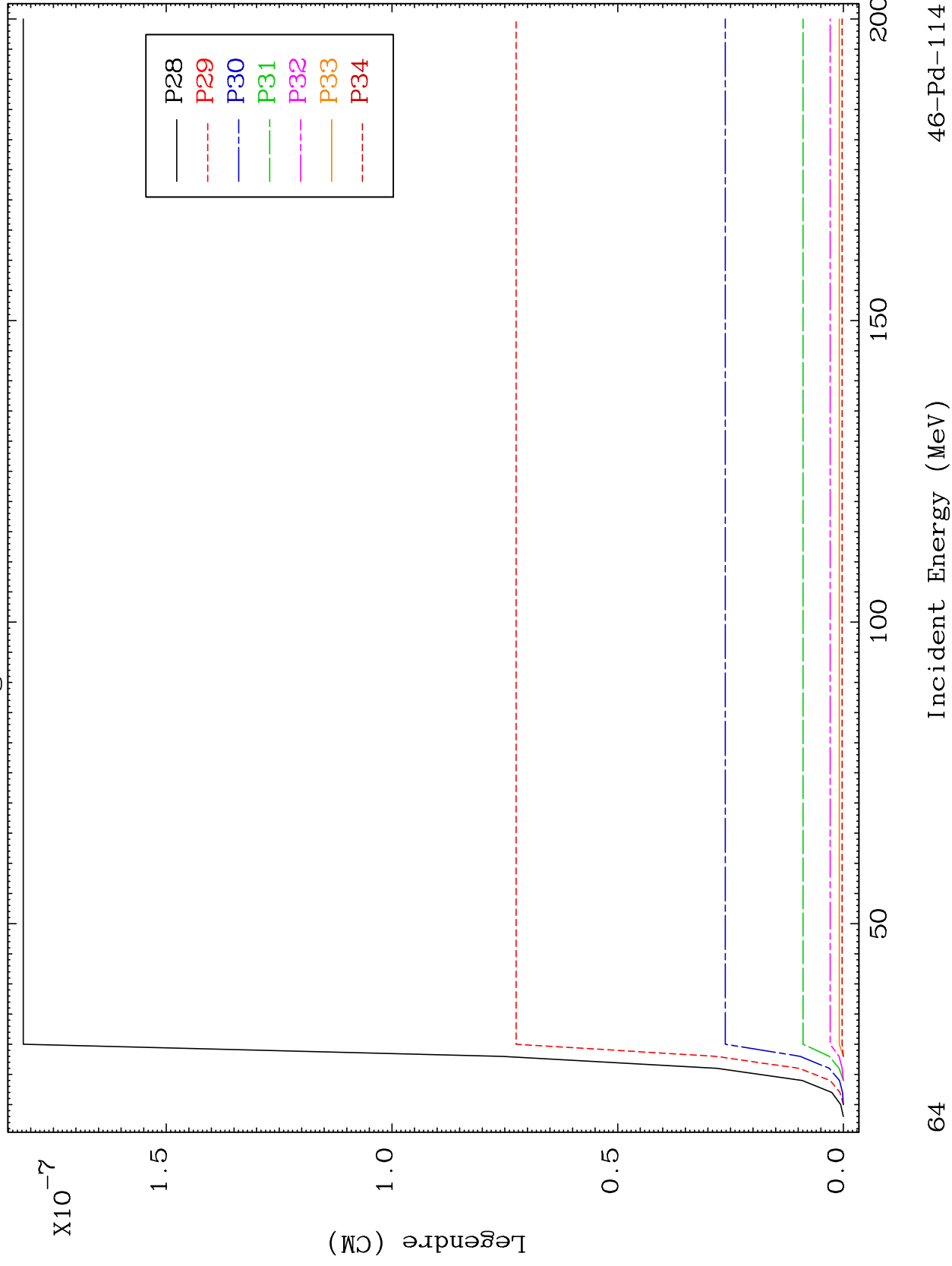
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MAT 4661

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

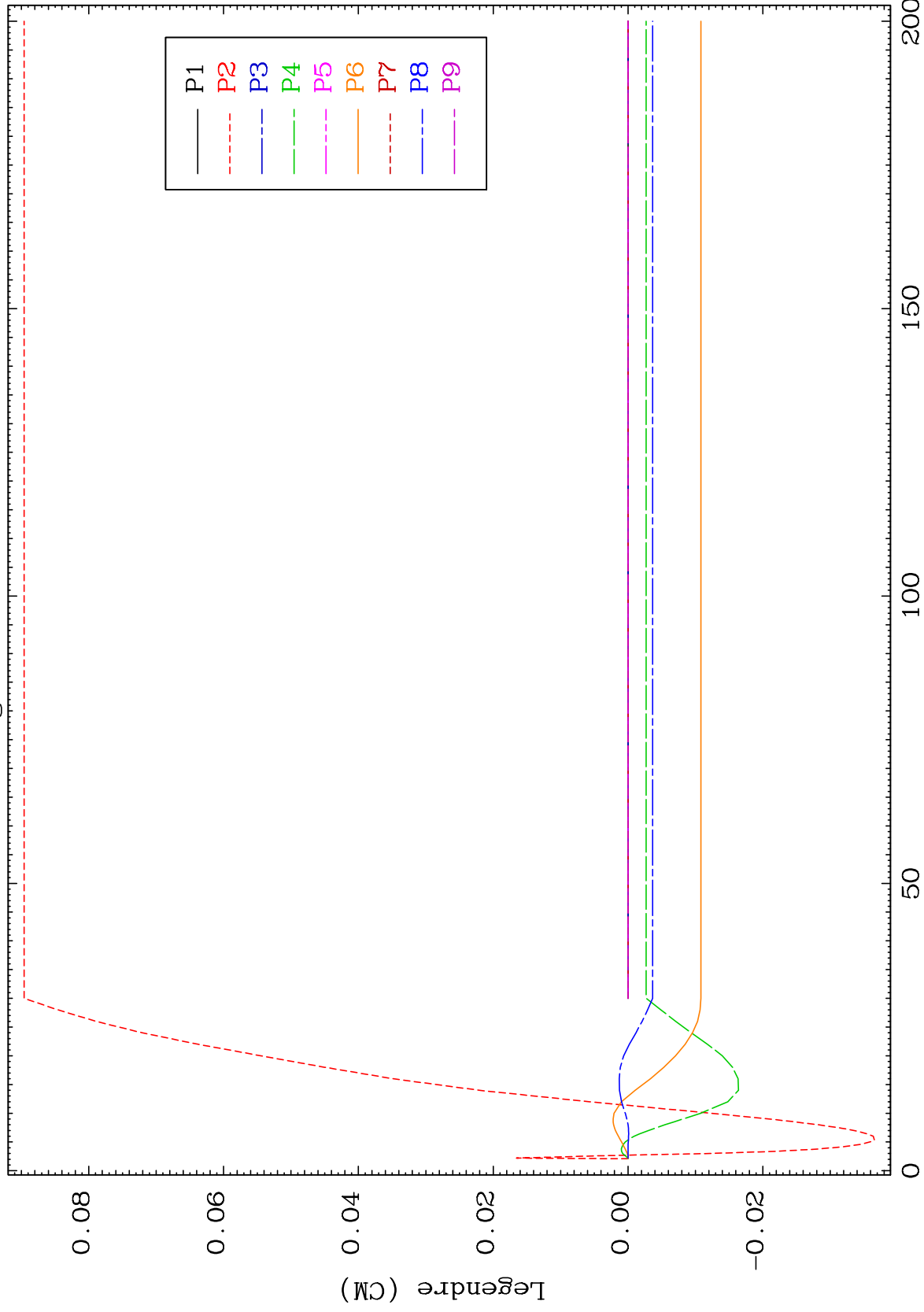
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MAT 4661

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

46-Pd-114



65

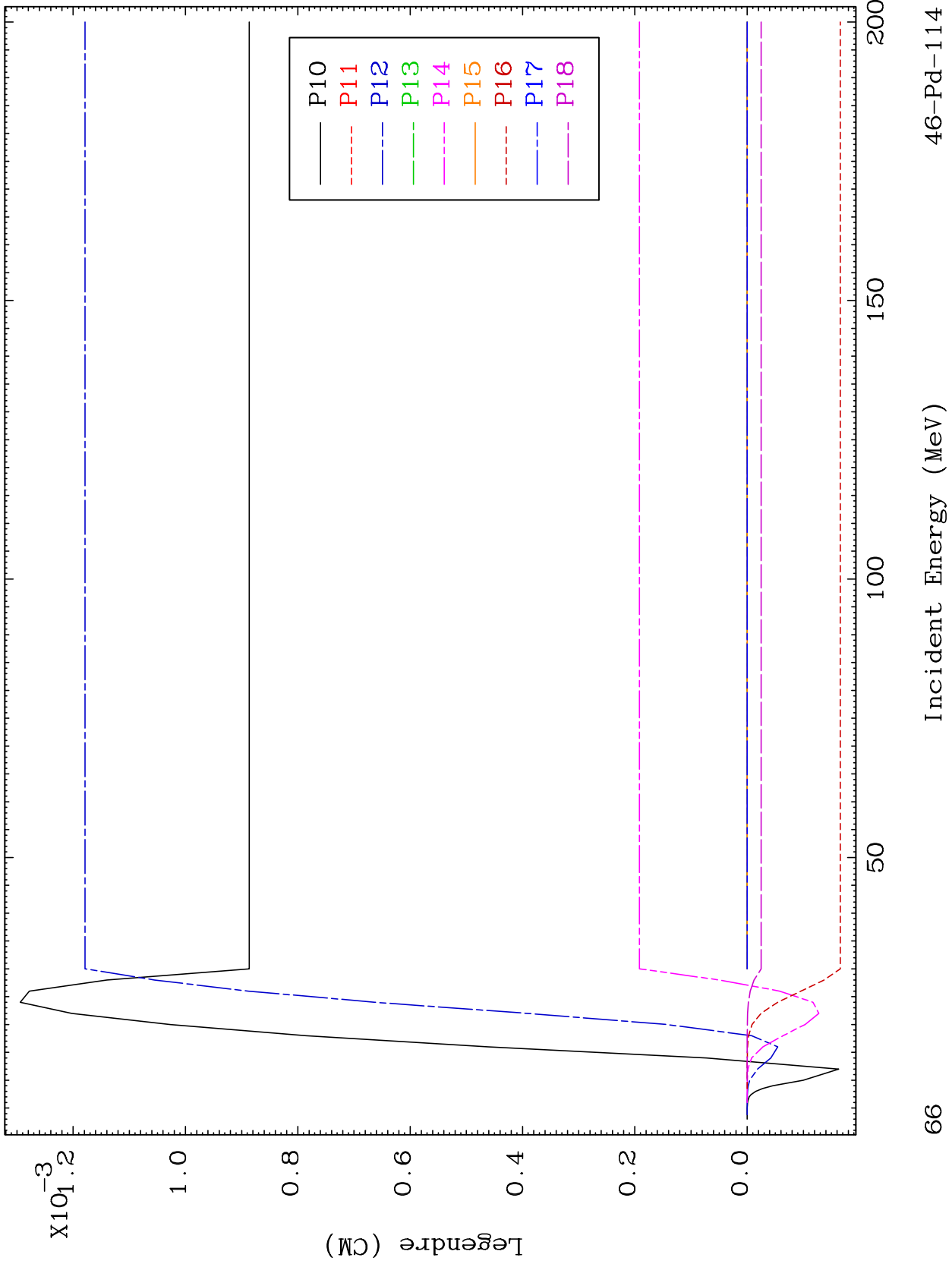
Incident Energy (MeV)

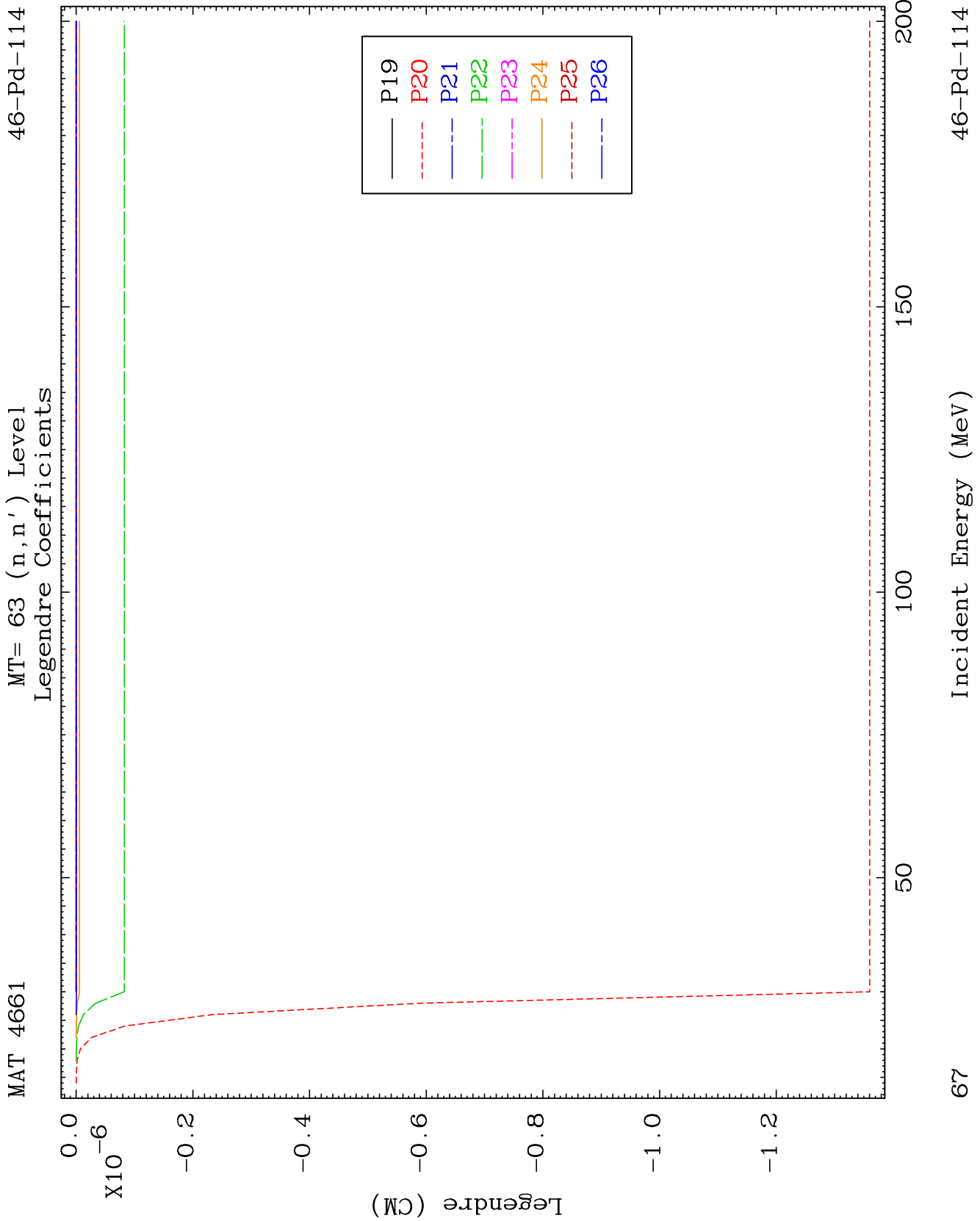
46-Pd-114

MAT 4661

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

46-Pd-114

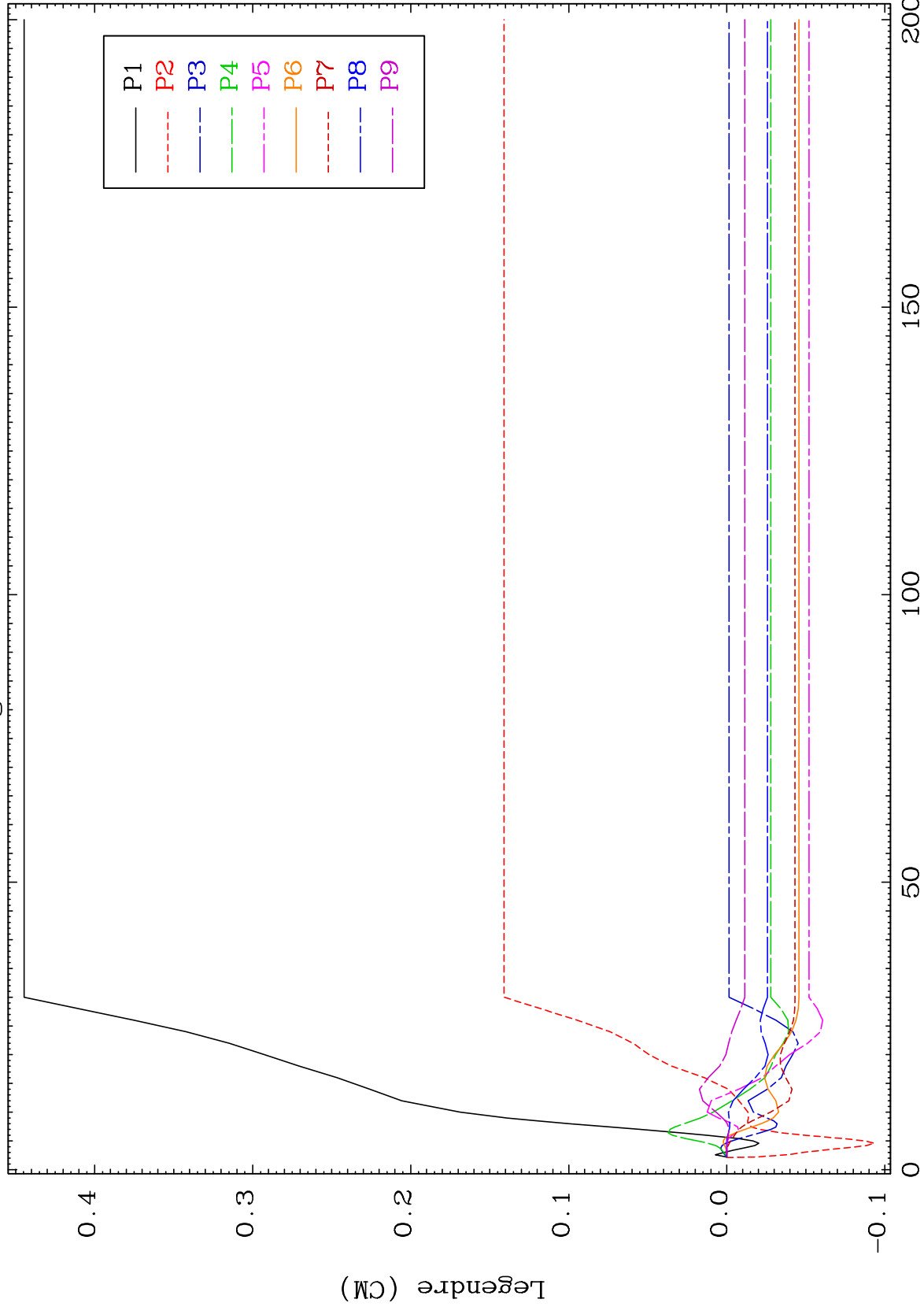




MAT 4661

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

46-Pd-114



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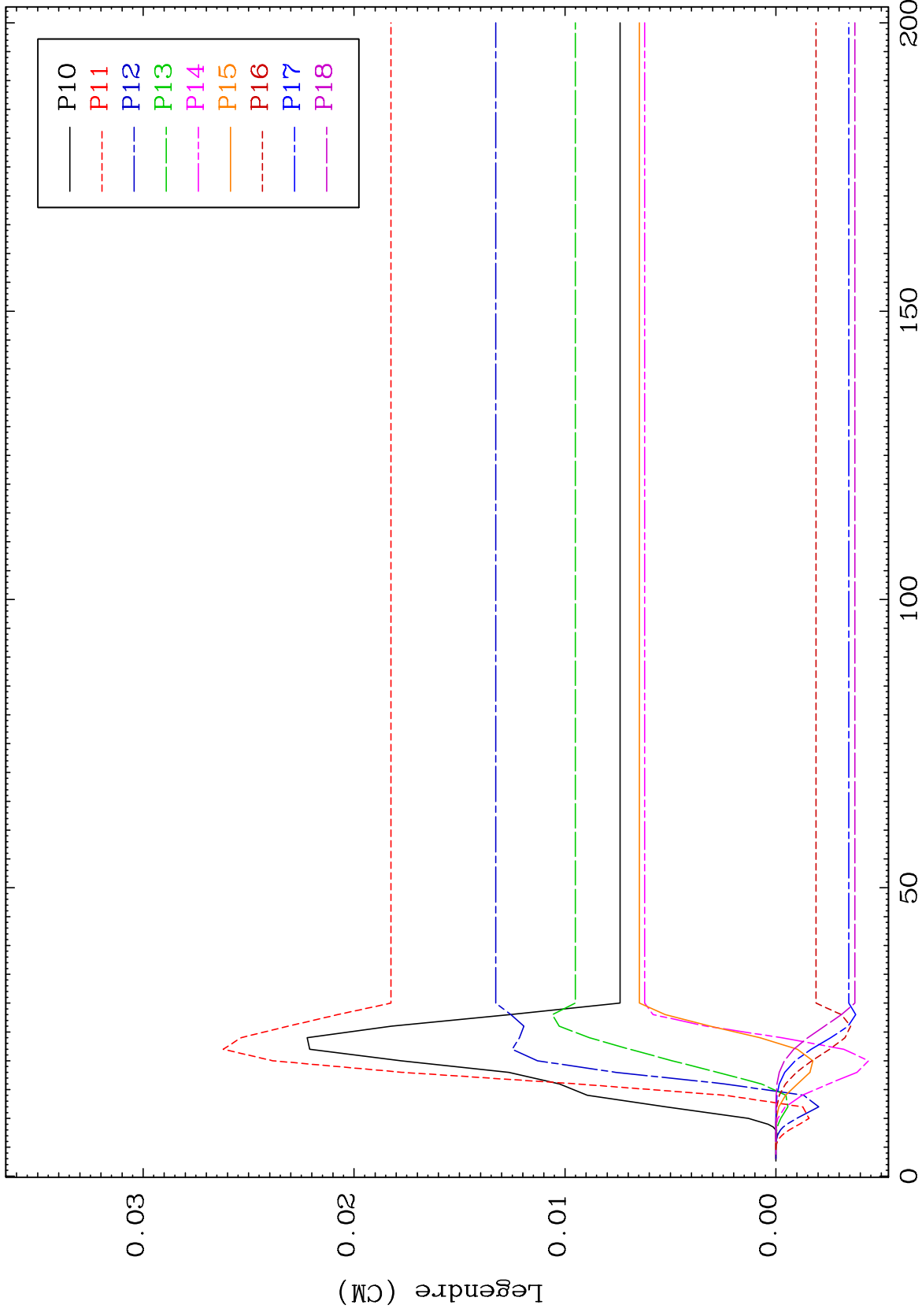
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

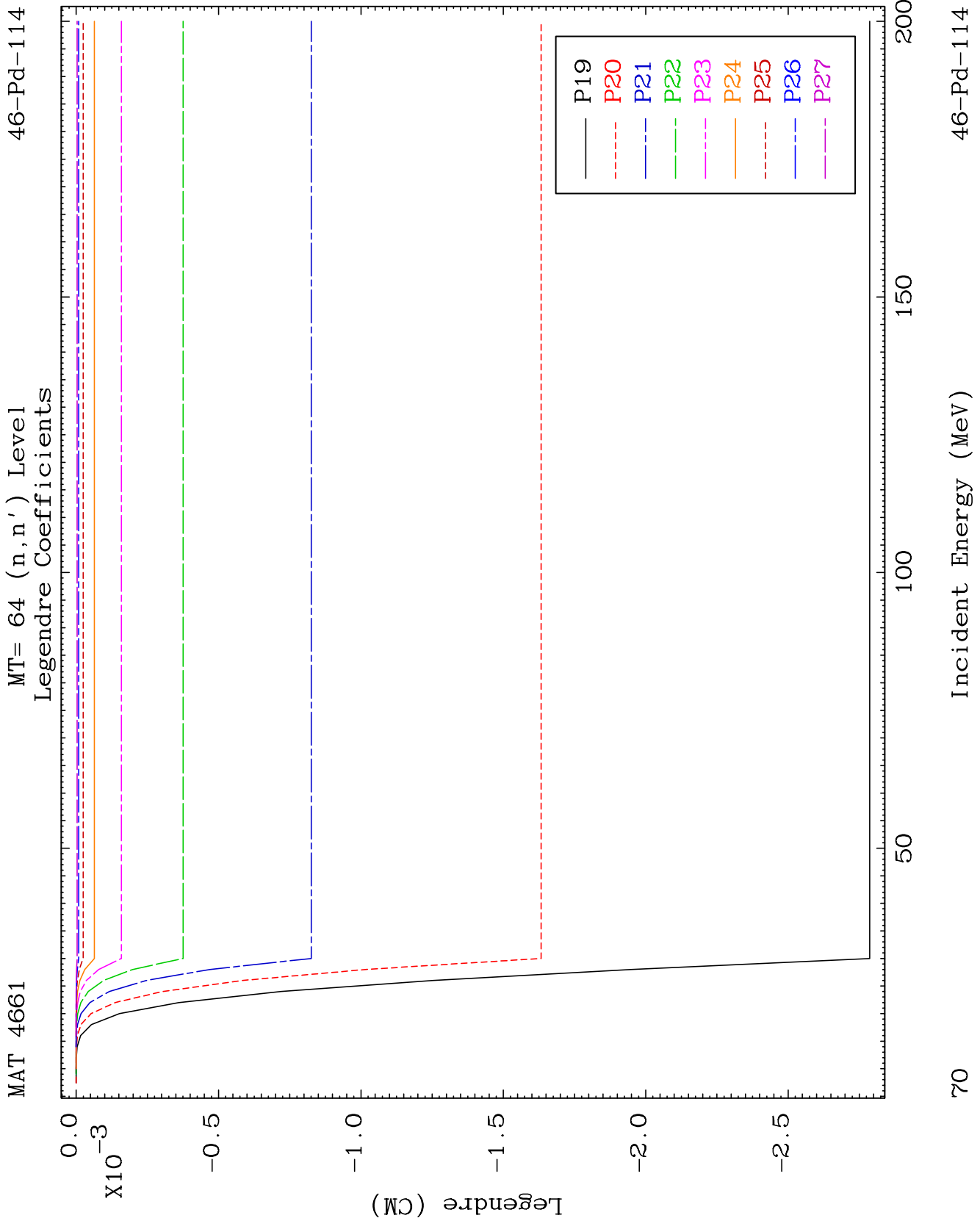
46-Pd-114

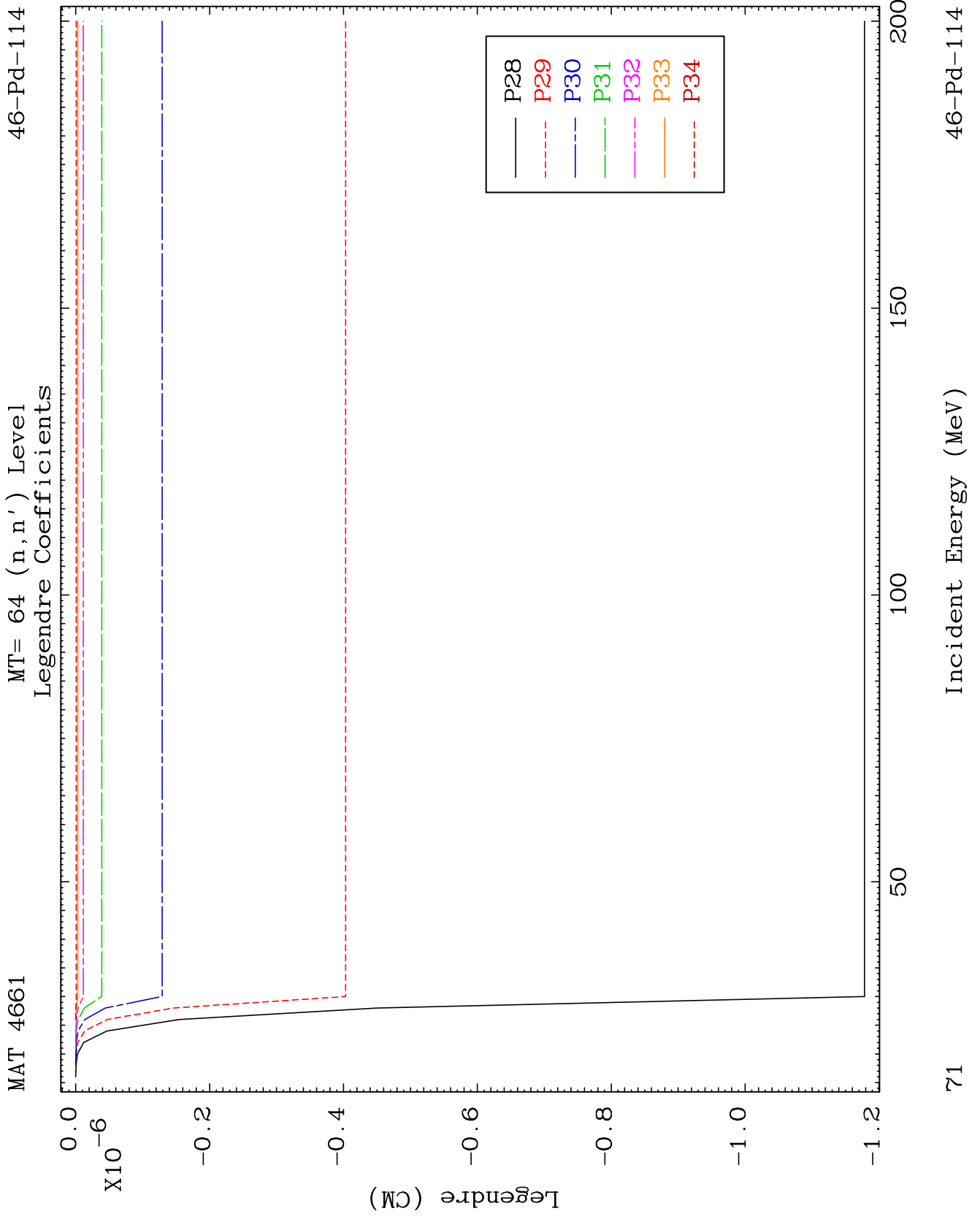


69

Incident Energy (MeV)

46-Pd-114

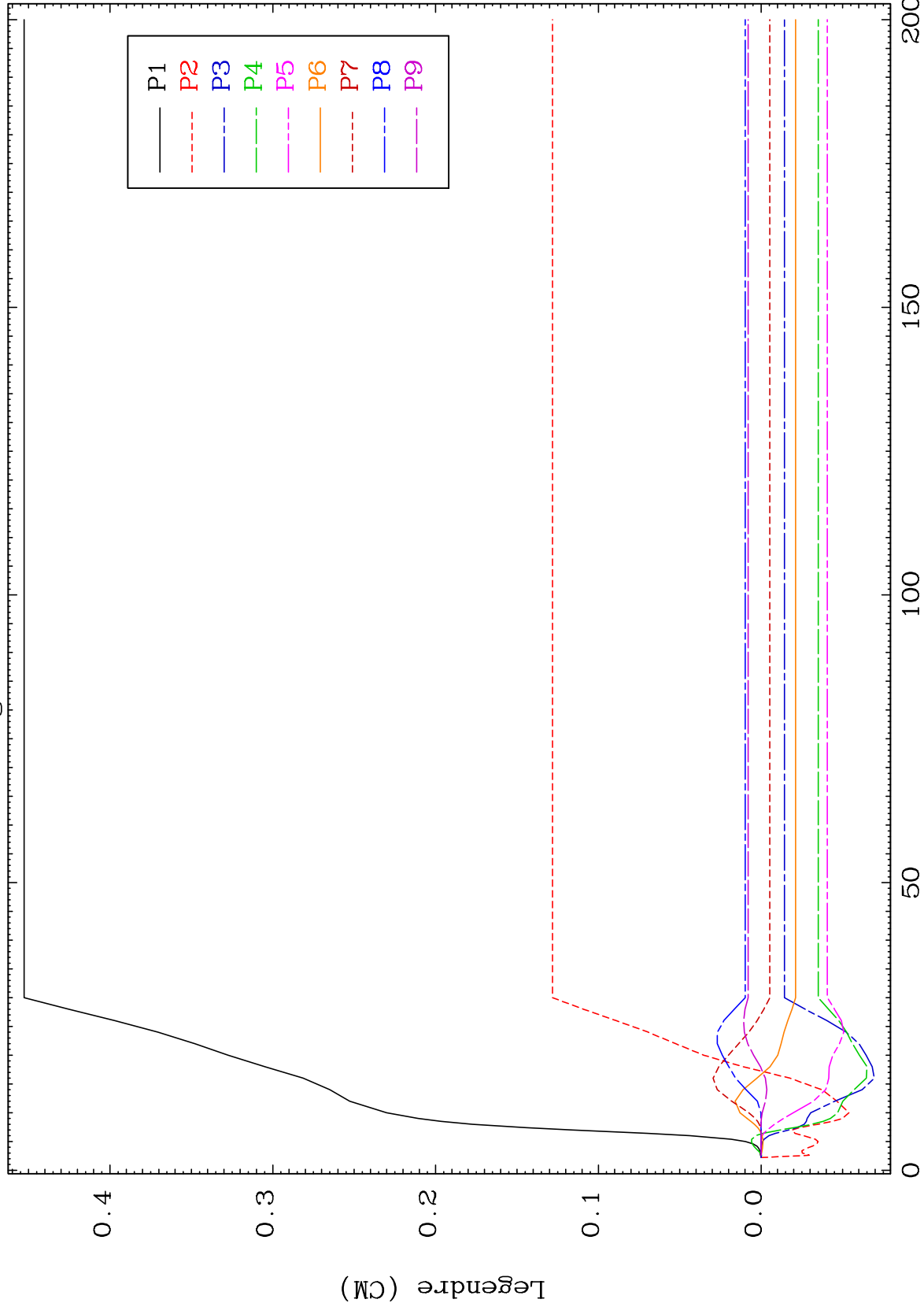




MAT 4661

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

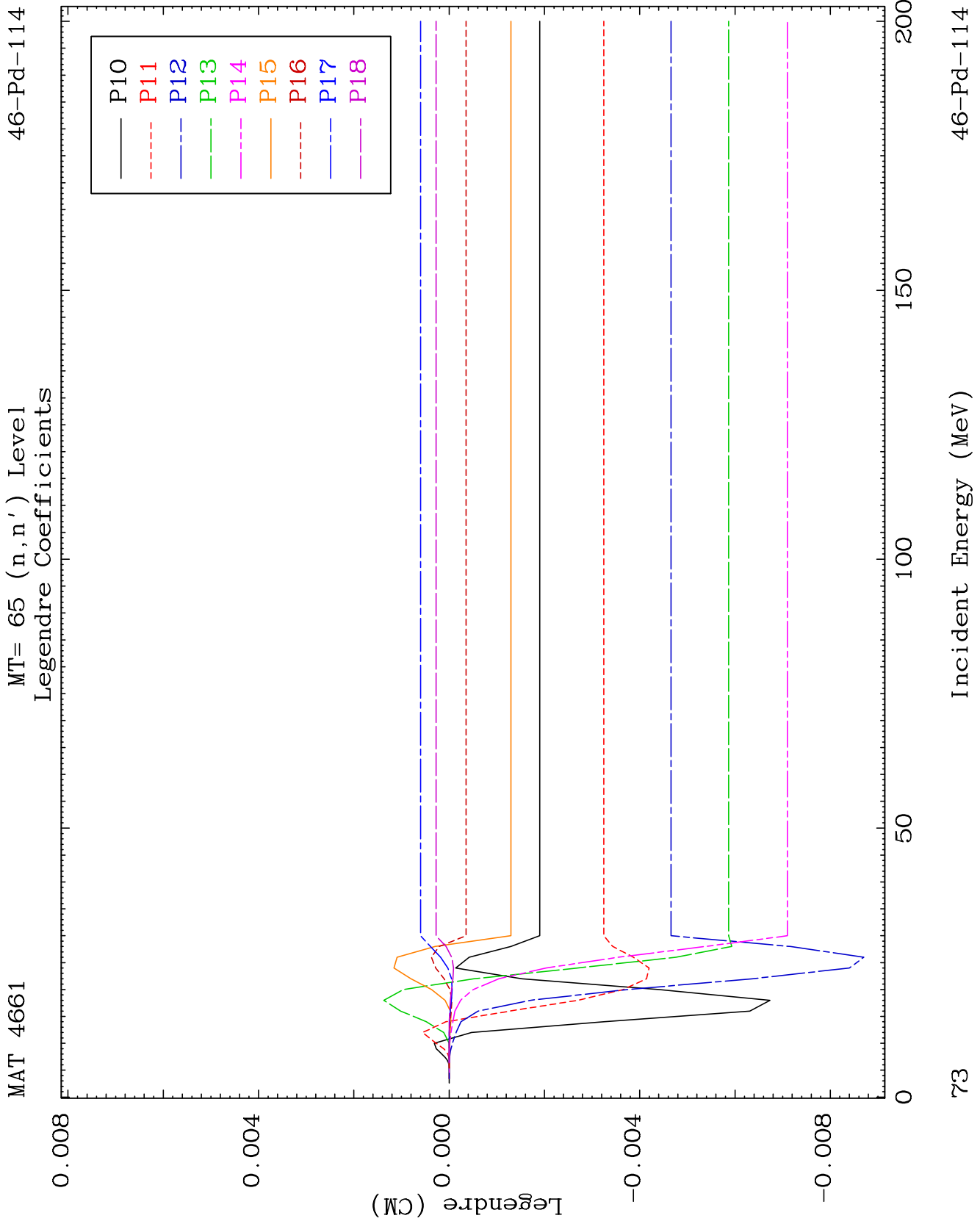
46-Pd-114



72

Incident Energy (MeV)

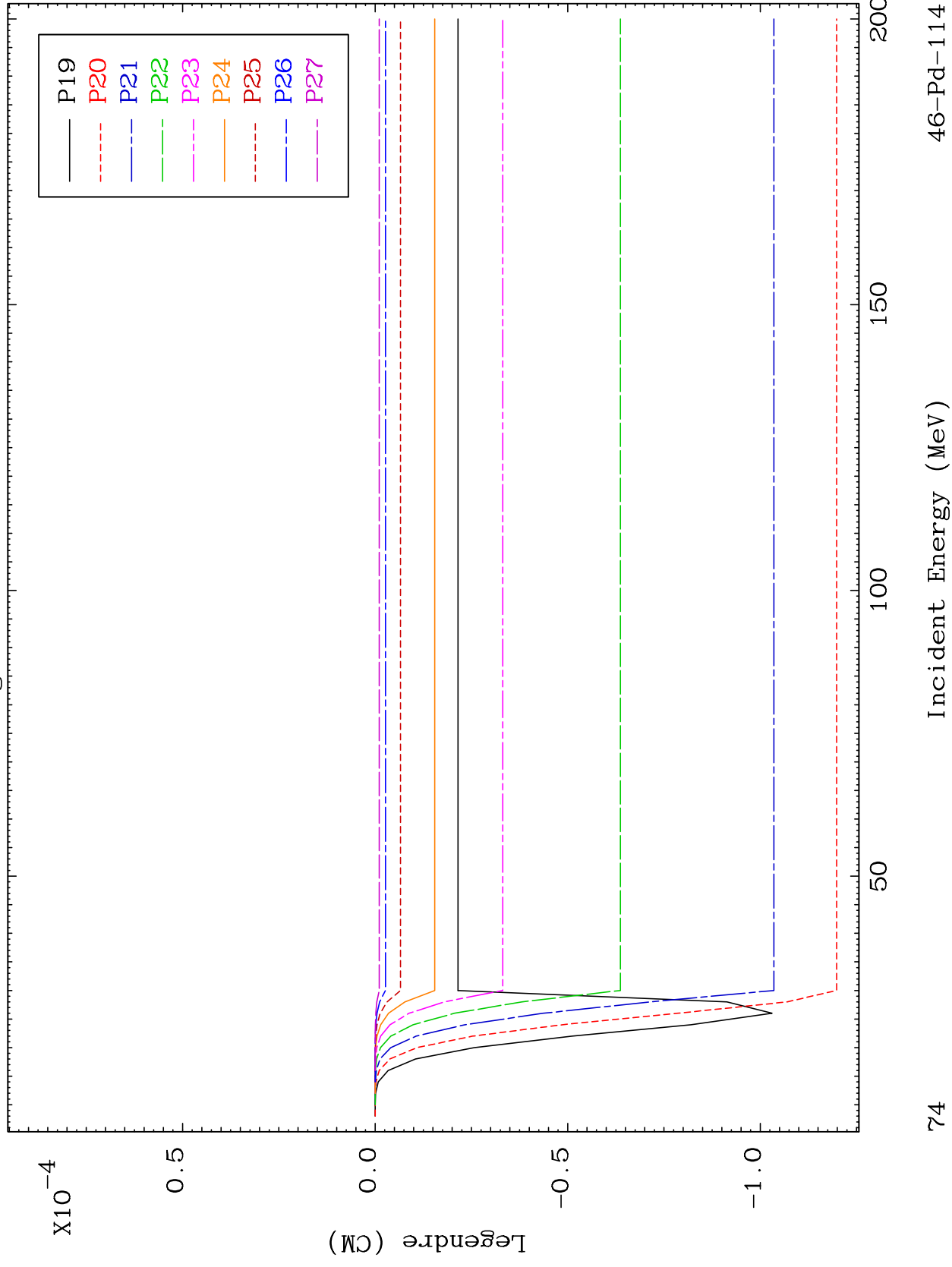
46-Pd-114



MAT 4661

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

46-Pd-114



74

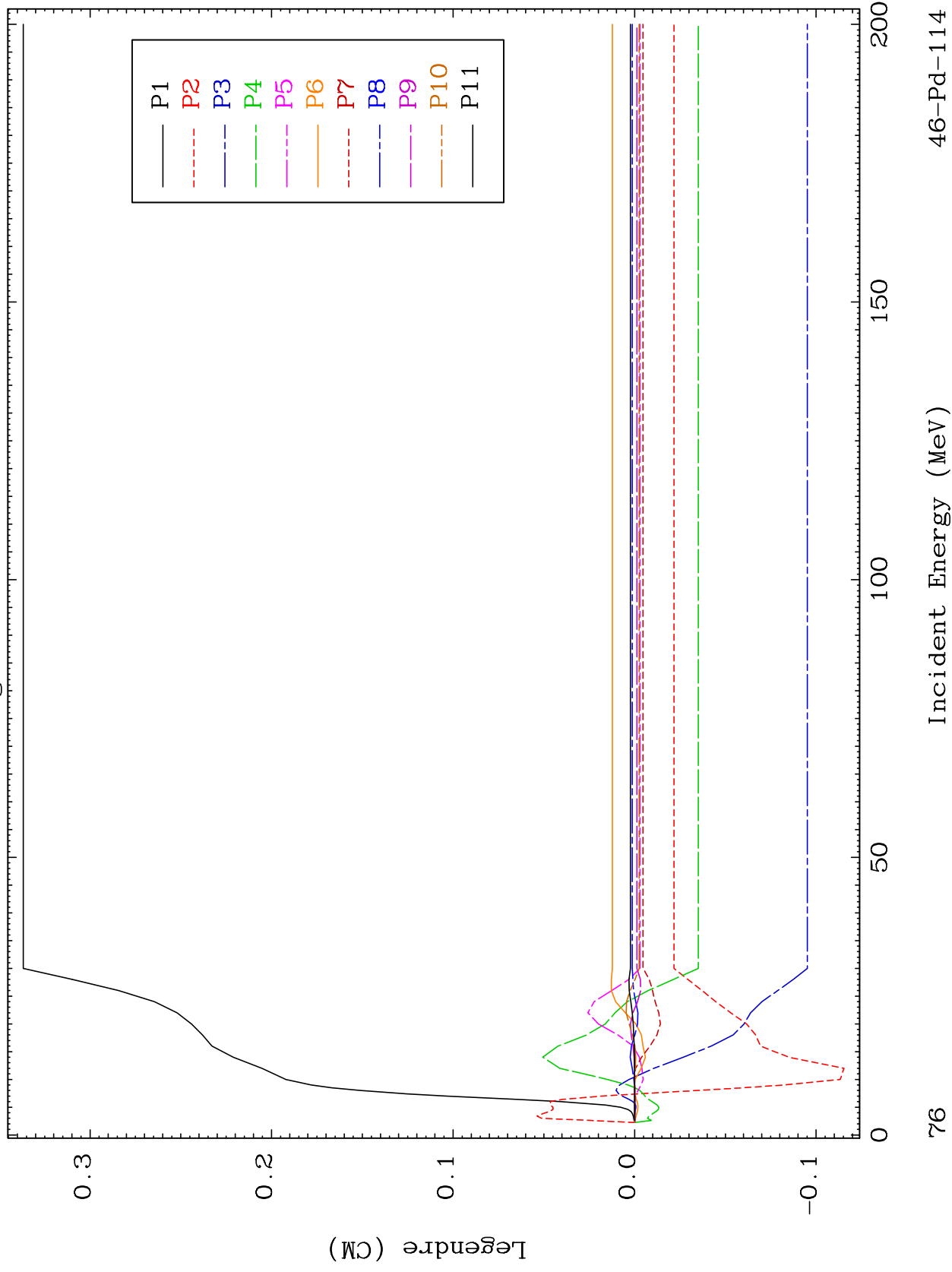
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



76

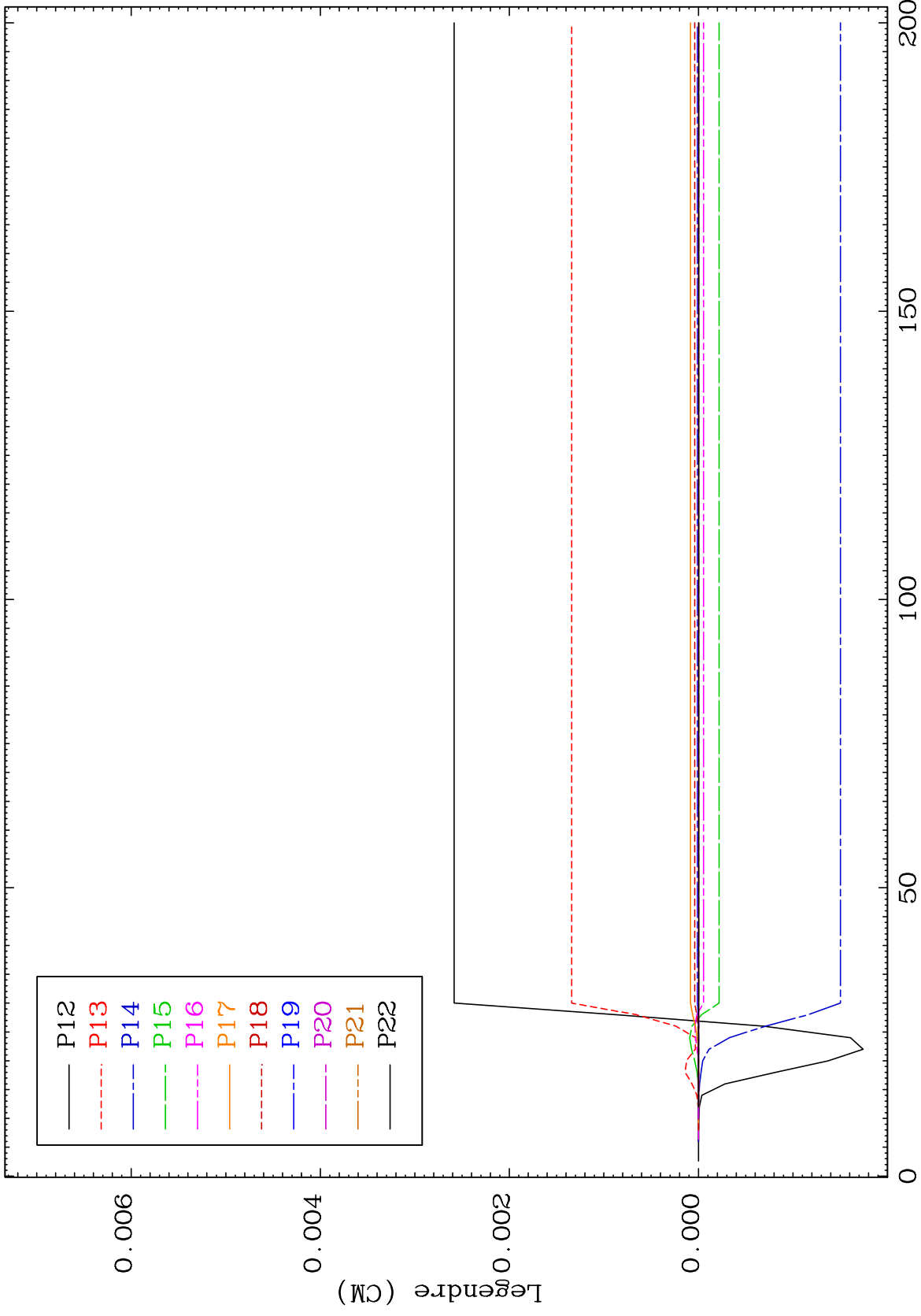
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



77

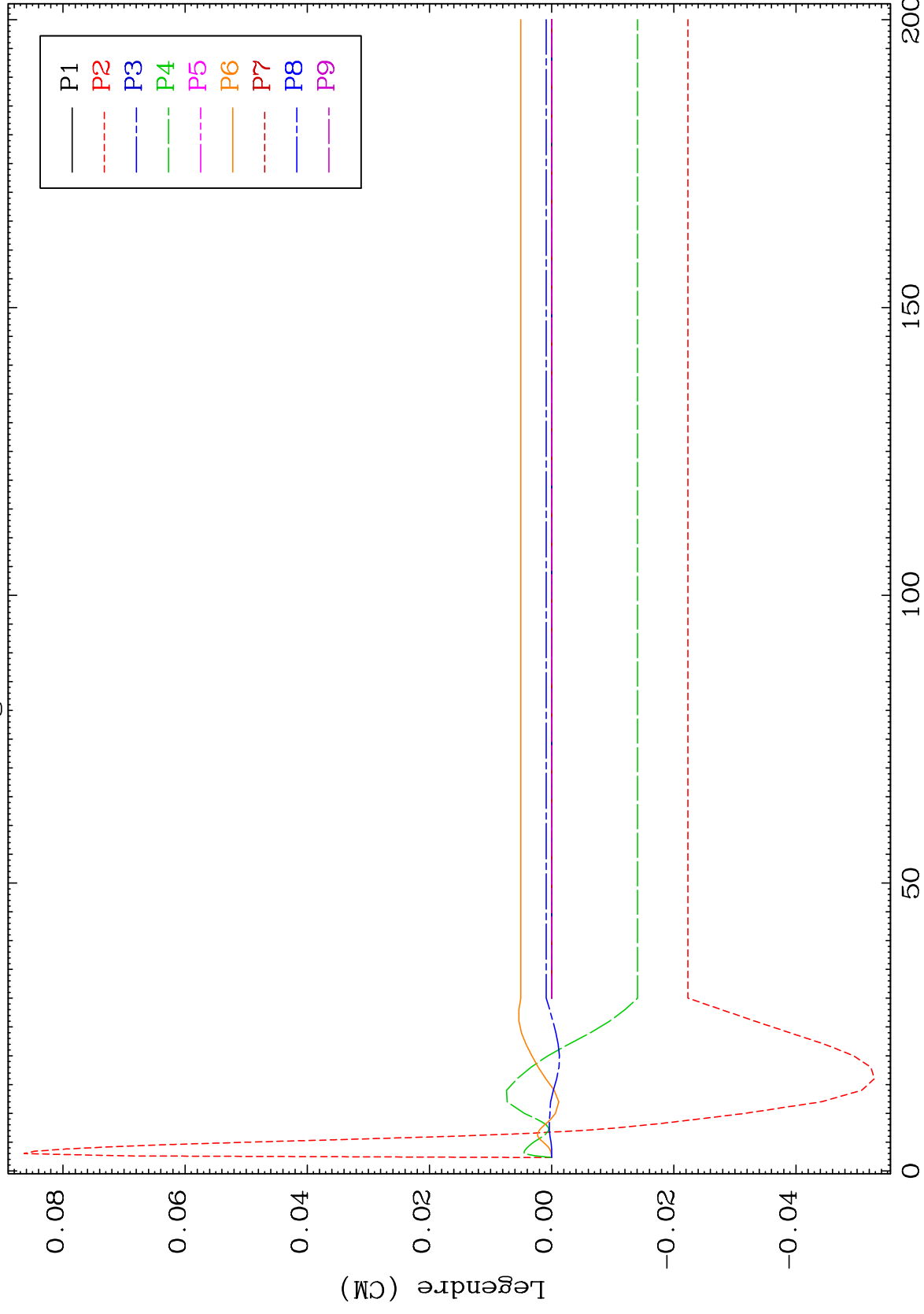
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



79

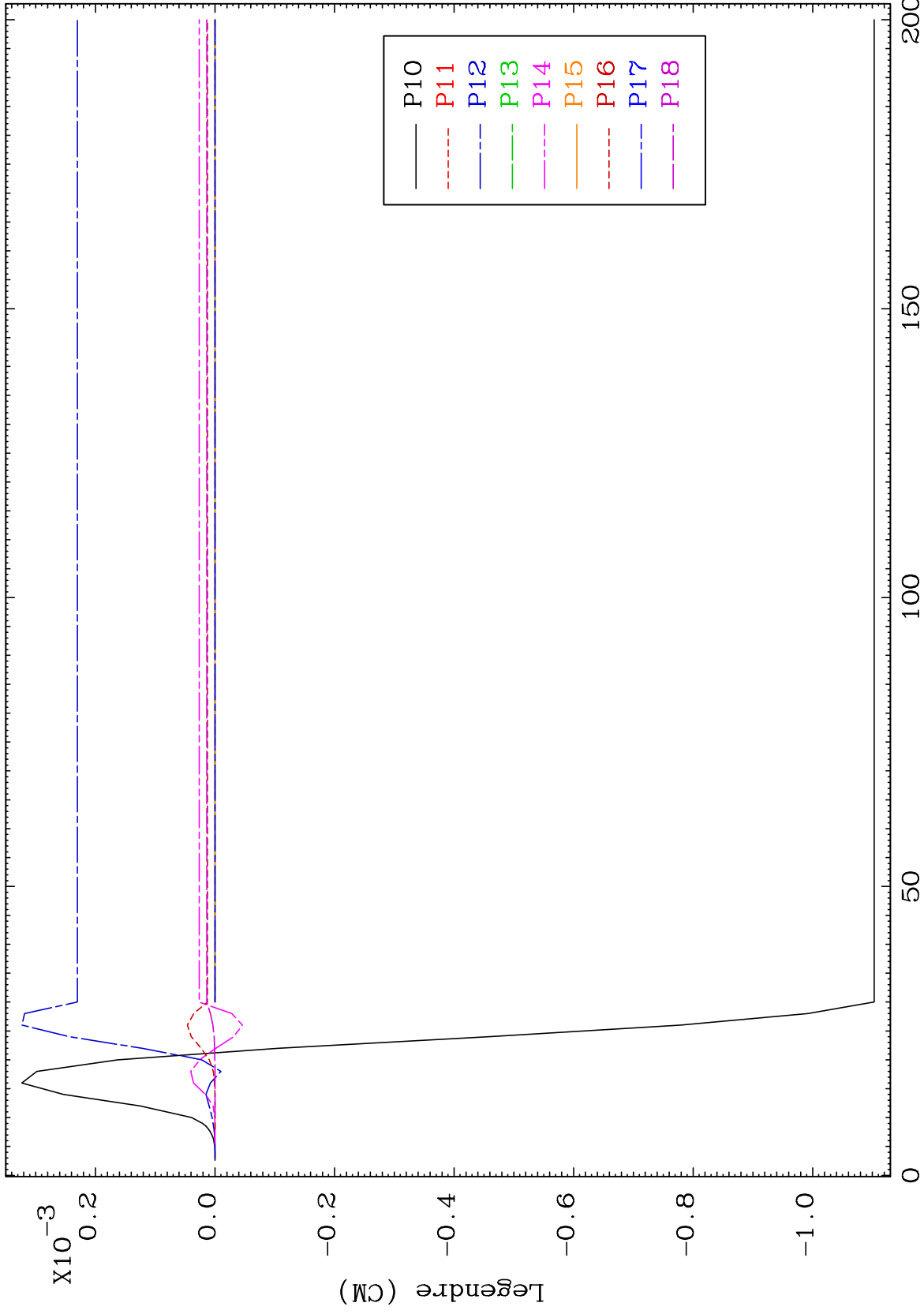
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

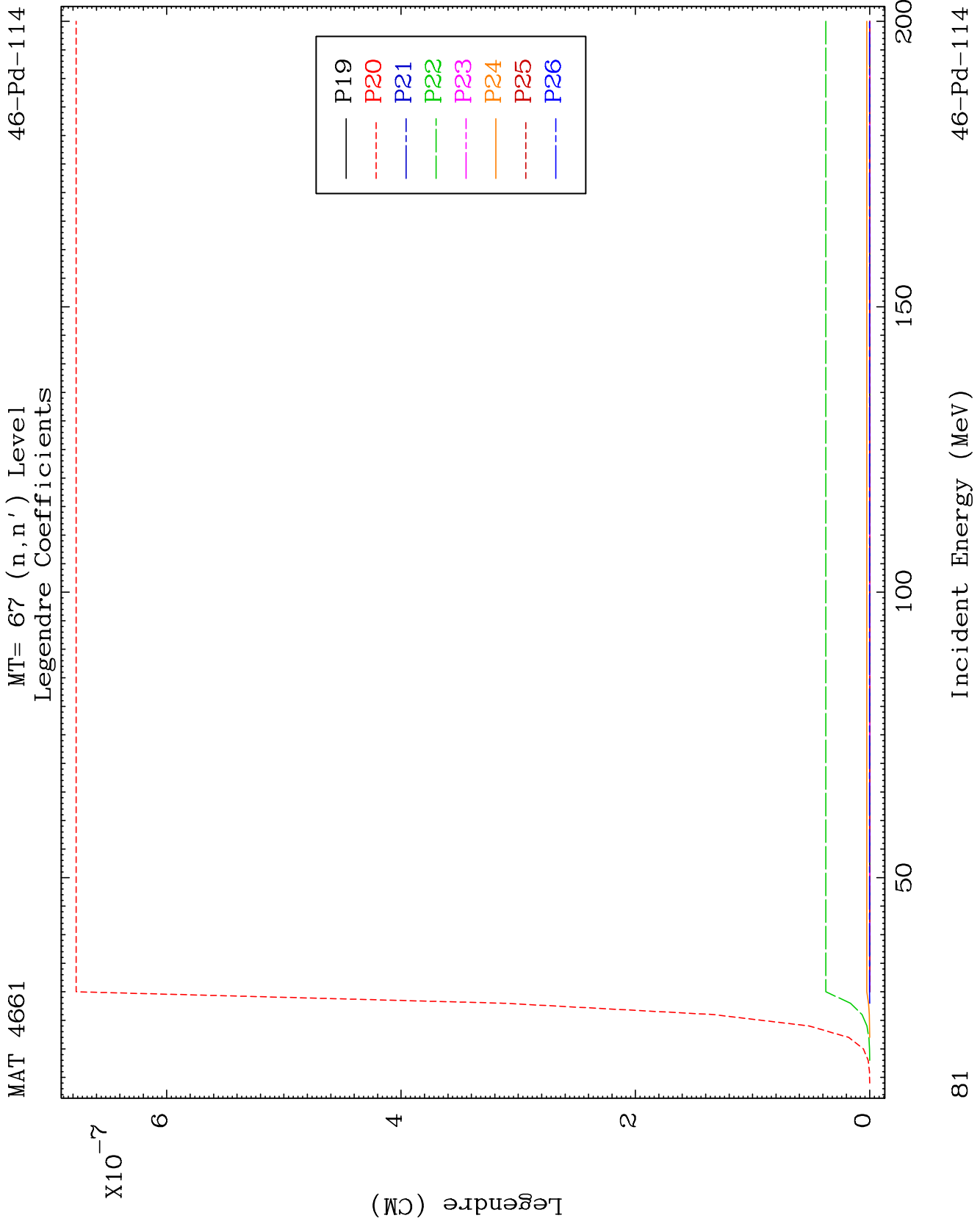
46-Pd-114



80

Incident Energy (MeV)

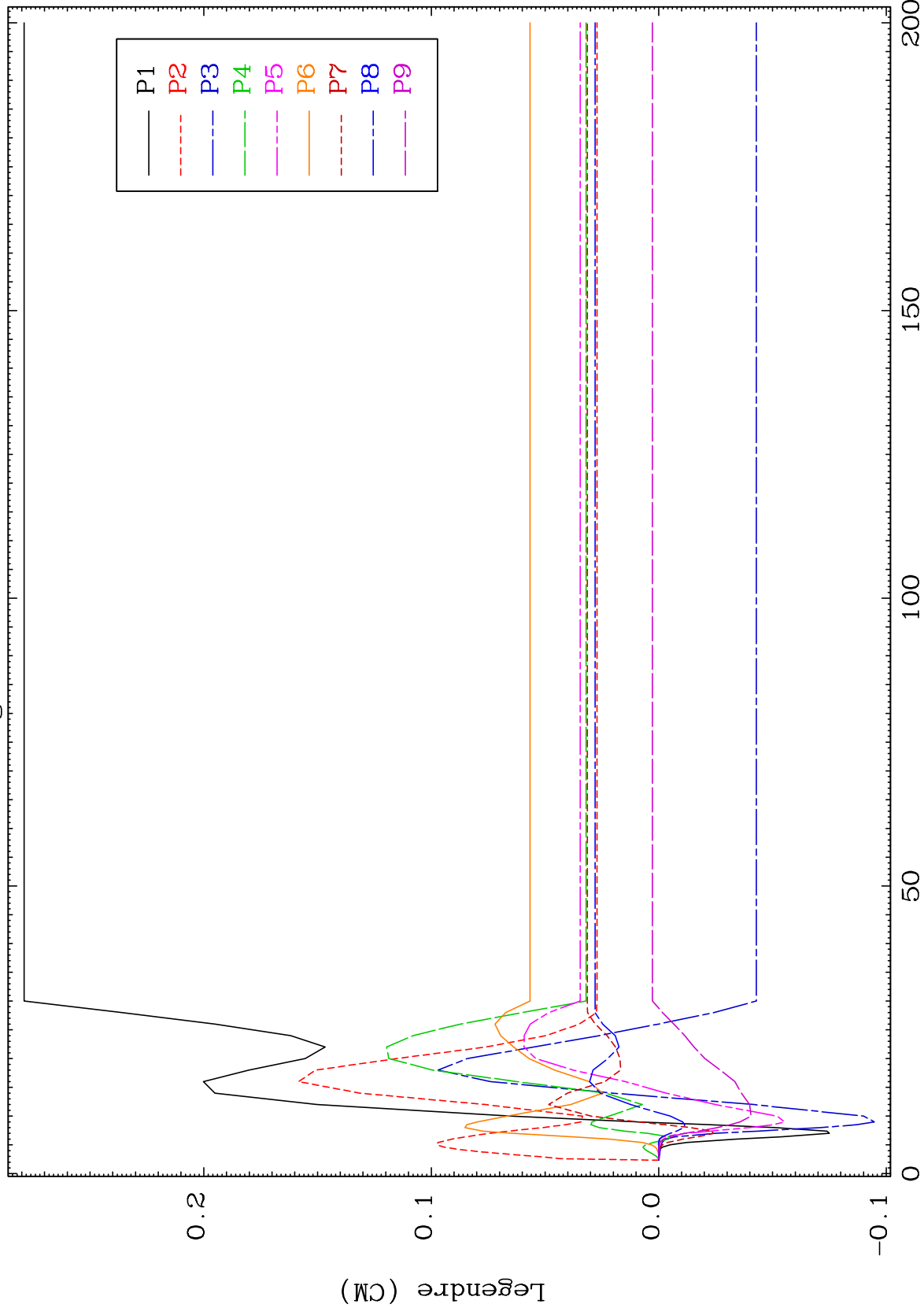
46-Pd-114



MAT 4661

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

46-Pd-114



82

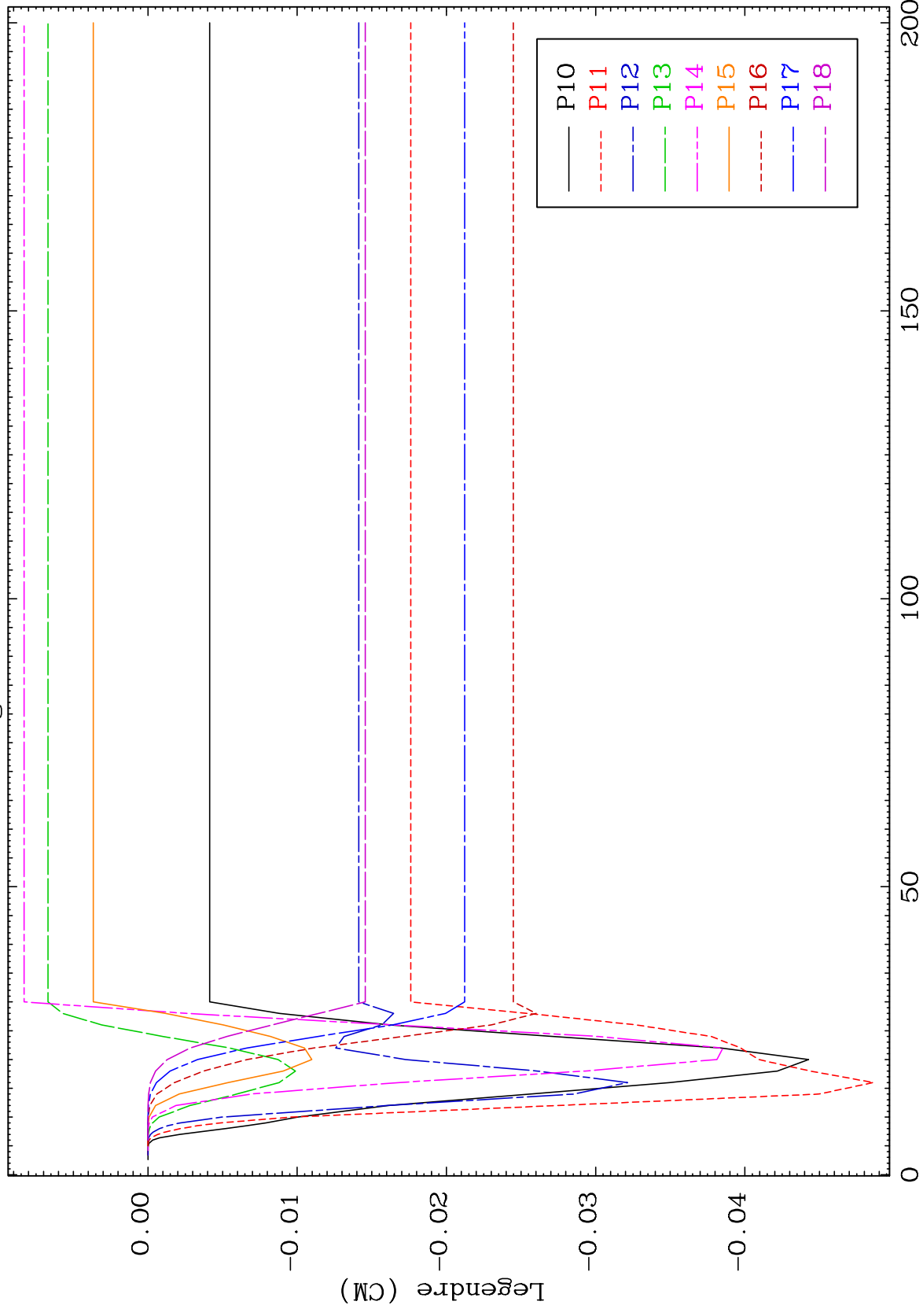
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

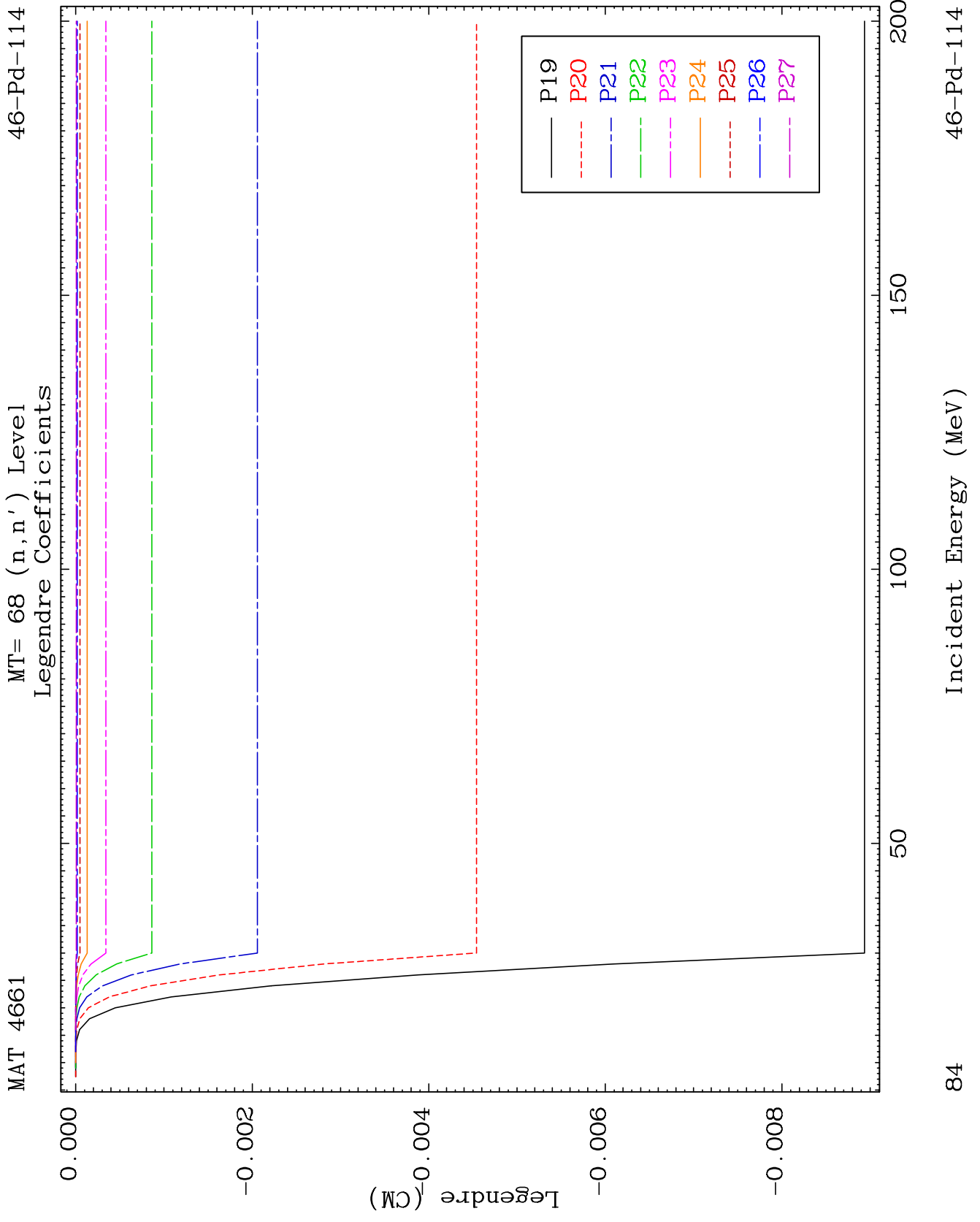
46-Pd-114

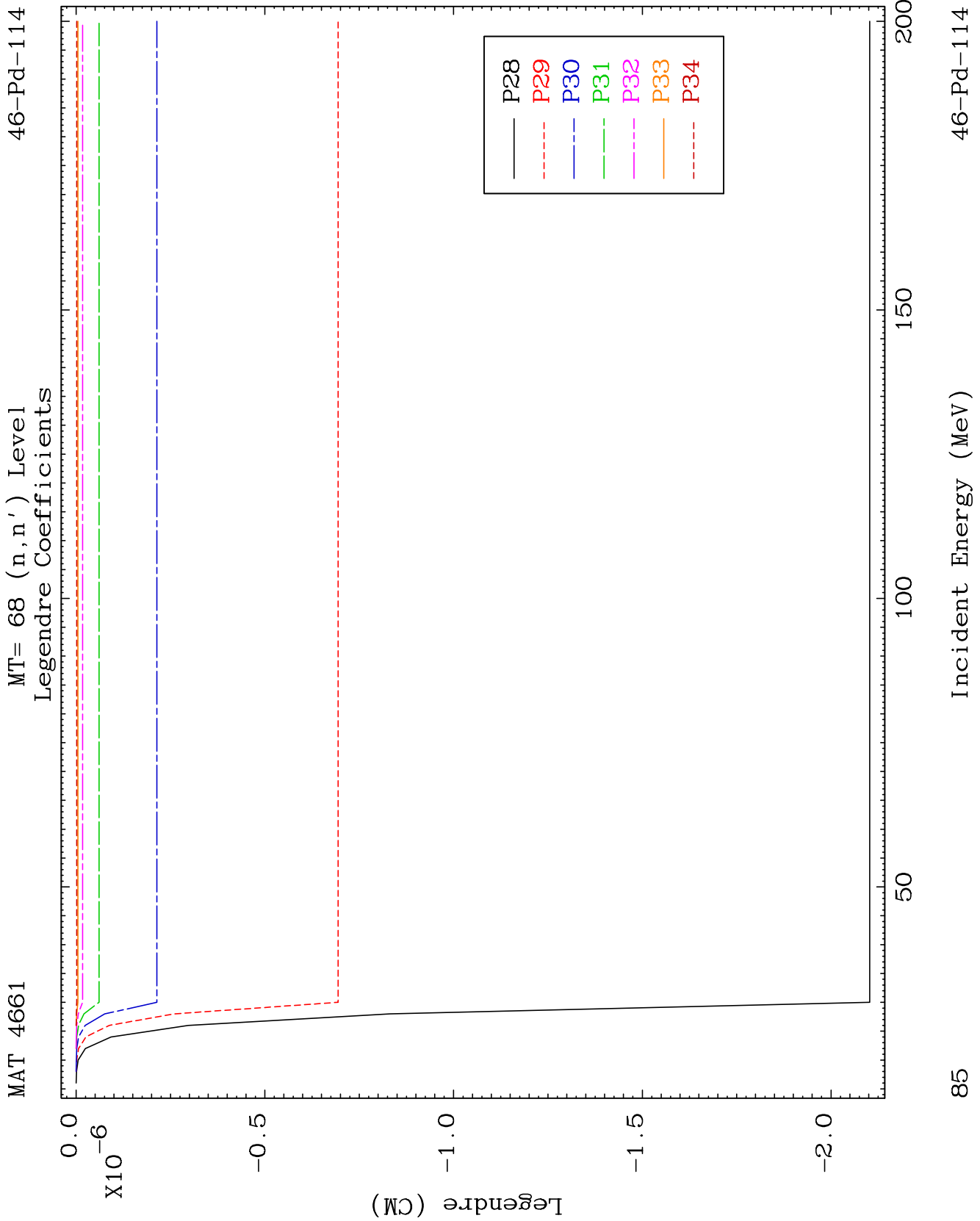


83

Incident Energy (MeV)

46-Pd-114

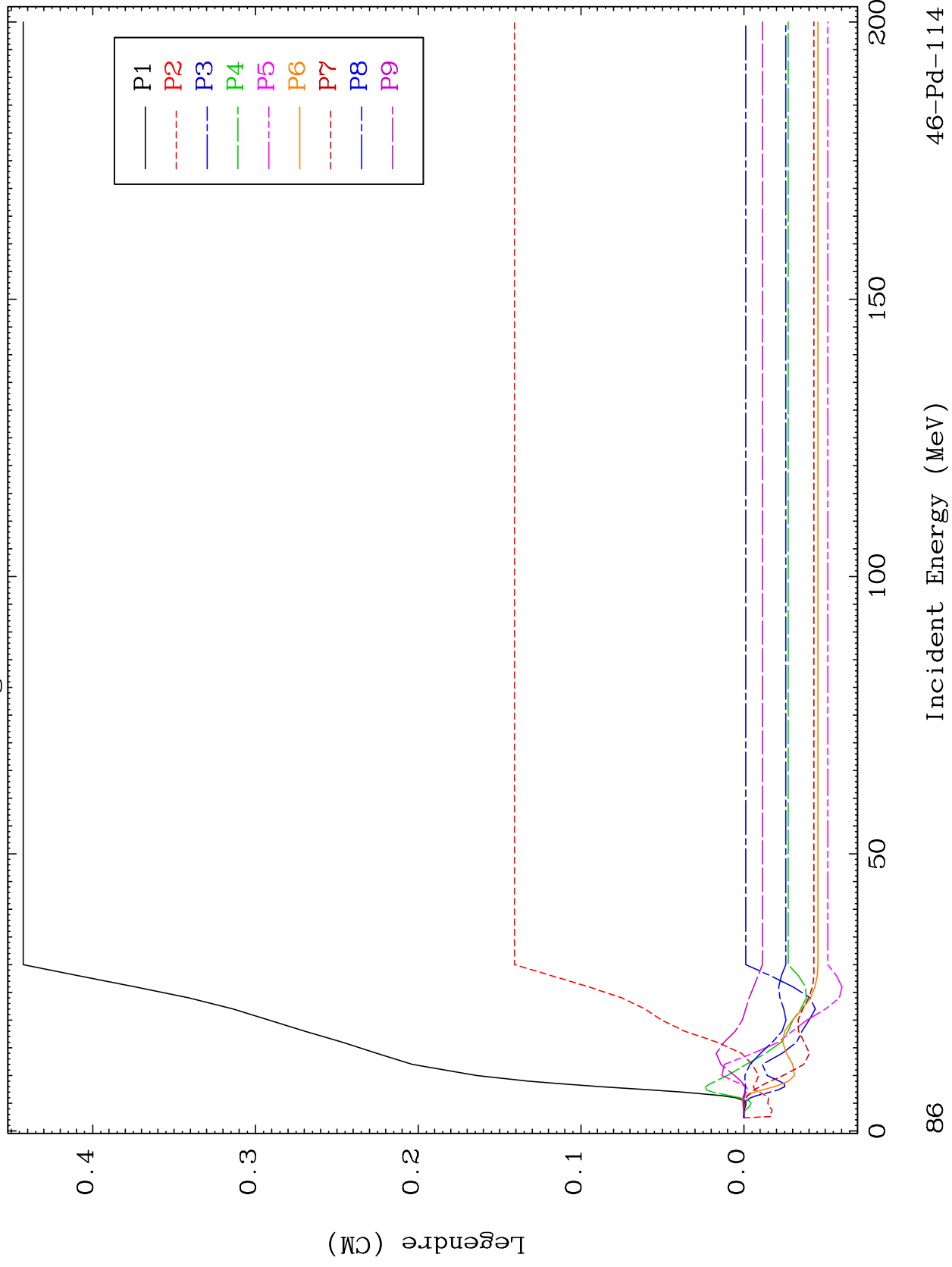




MAT 4661

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

46-Pd-114



86

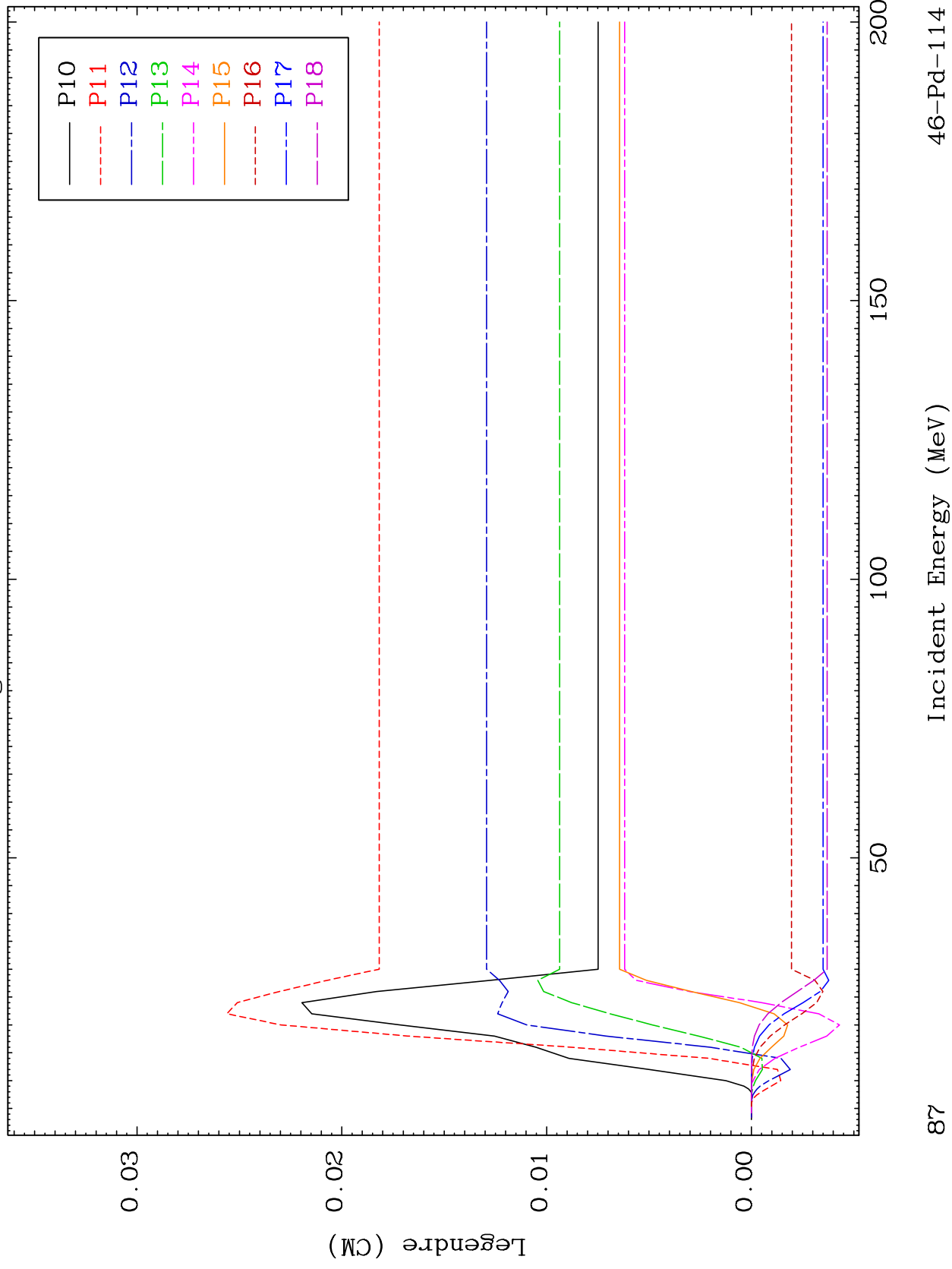
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

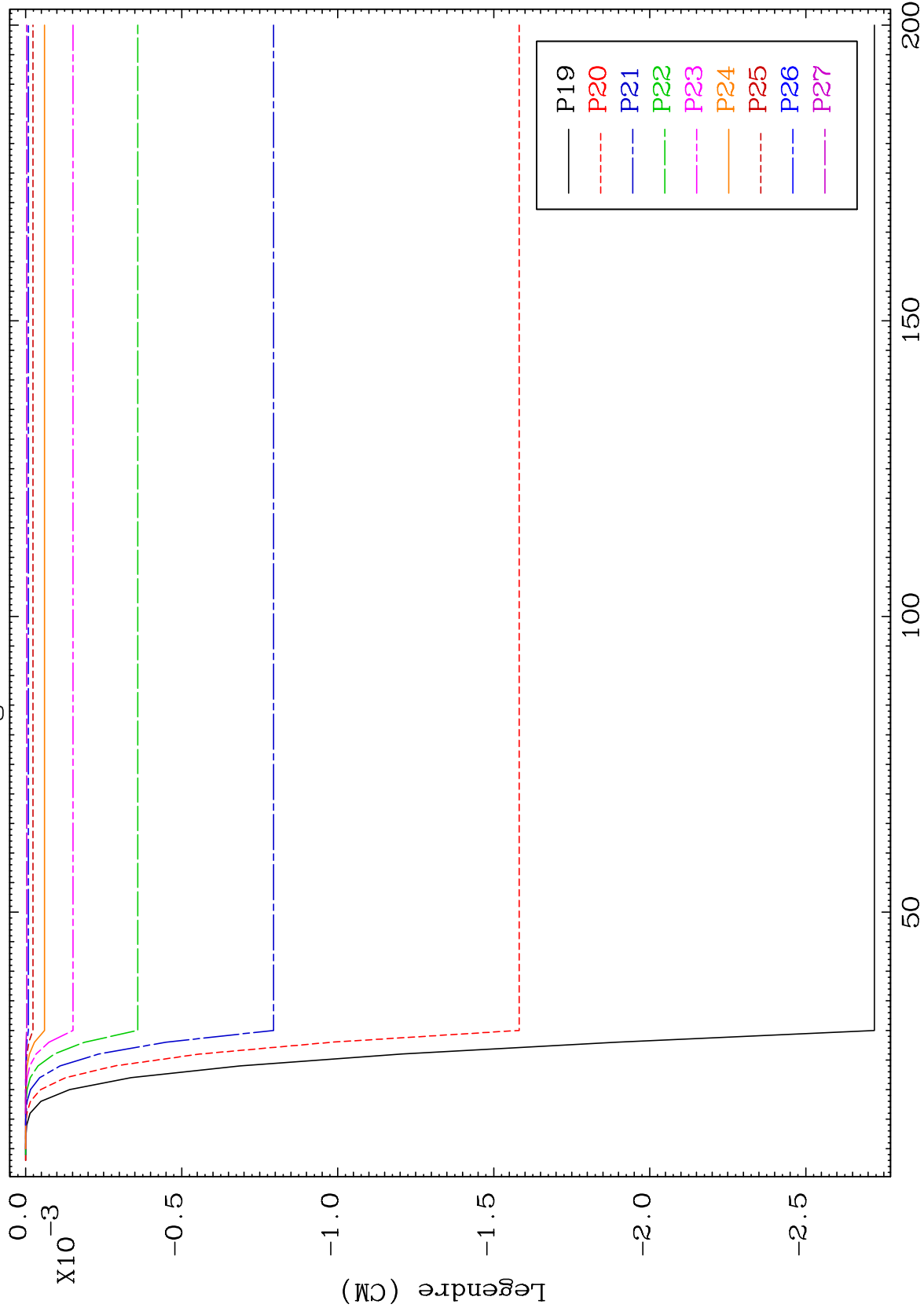
46-Pd-114



MAT 4661

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

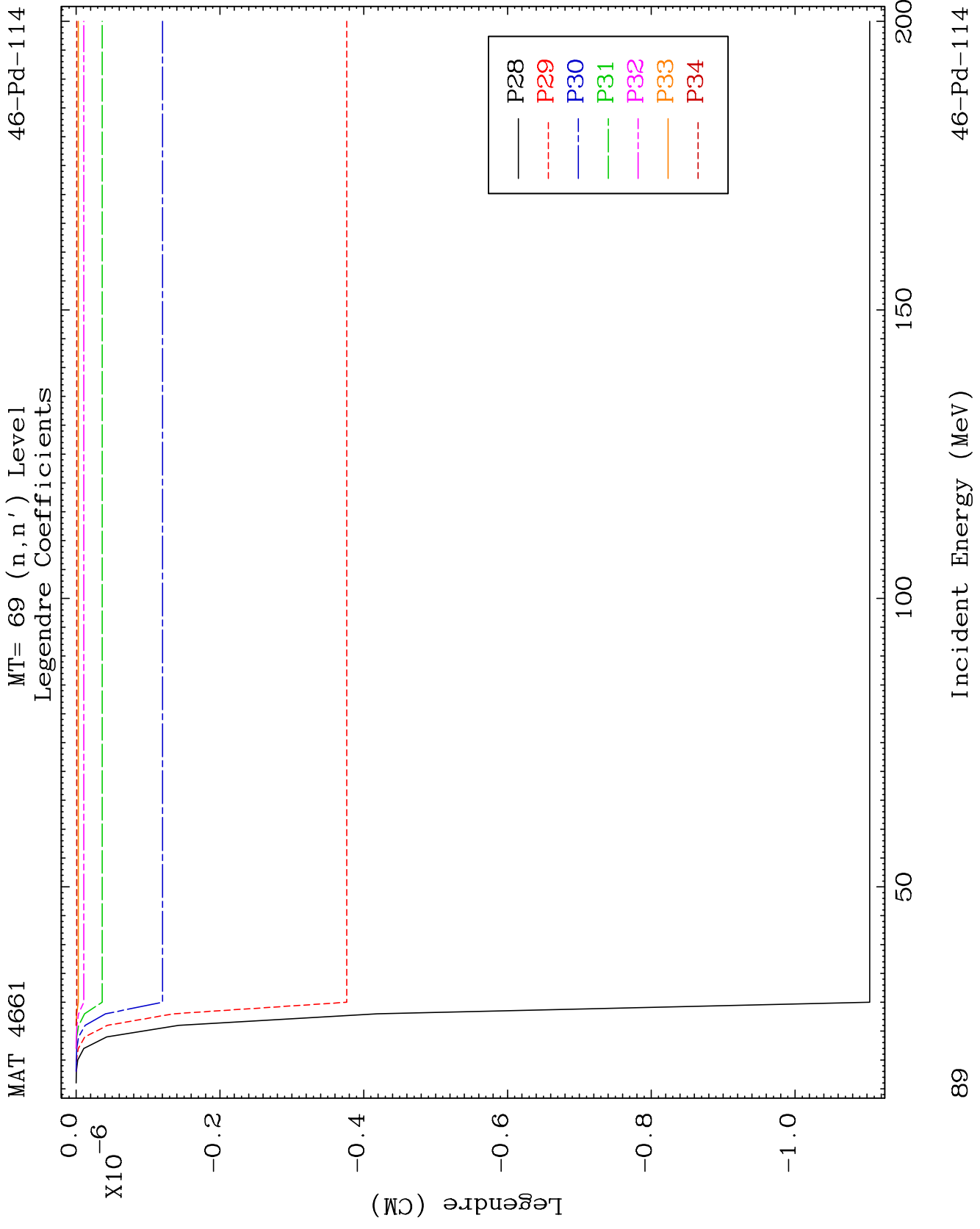
46-Pd-114



88

Incident Energy (MeV)

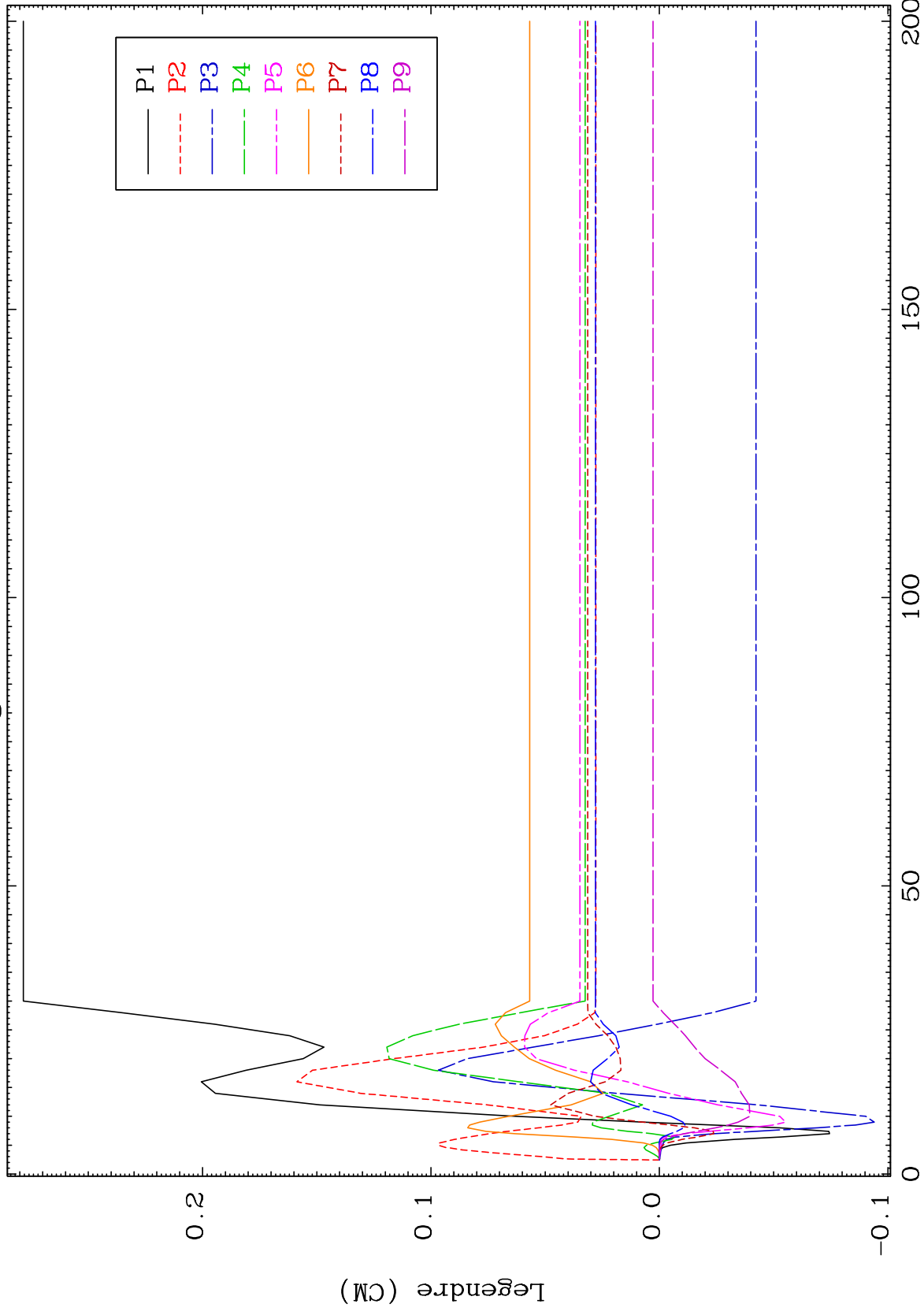
46-Pd-114



MAT 4661

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

46-Pd-114



90

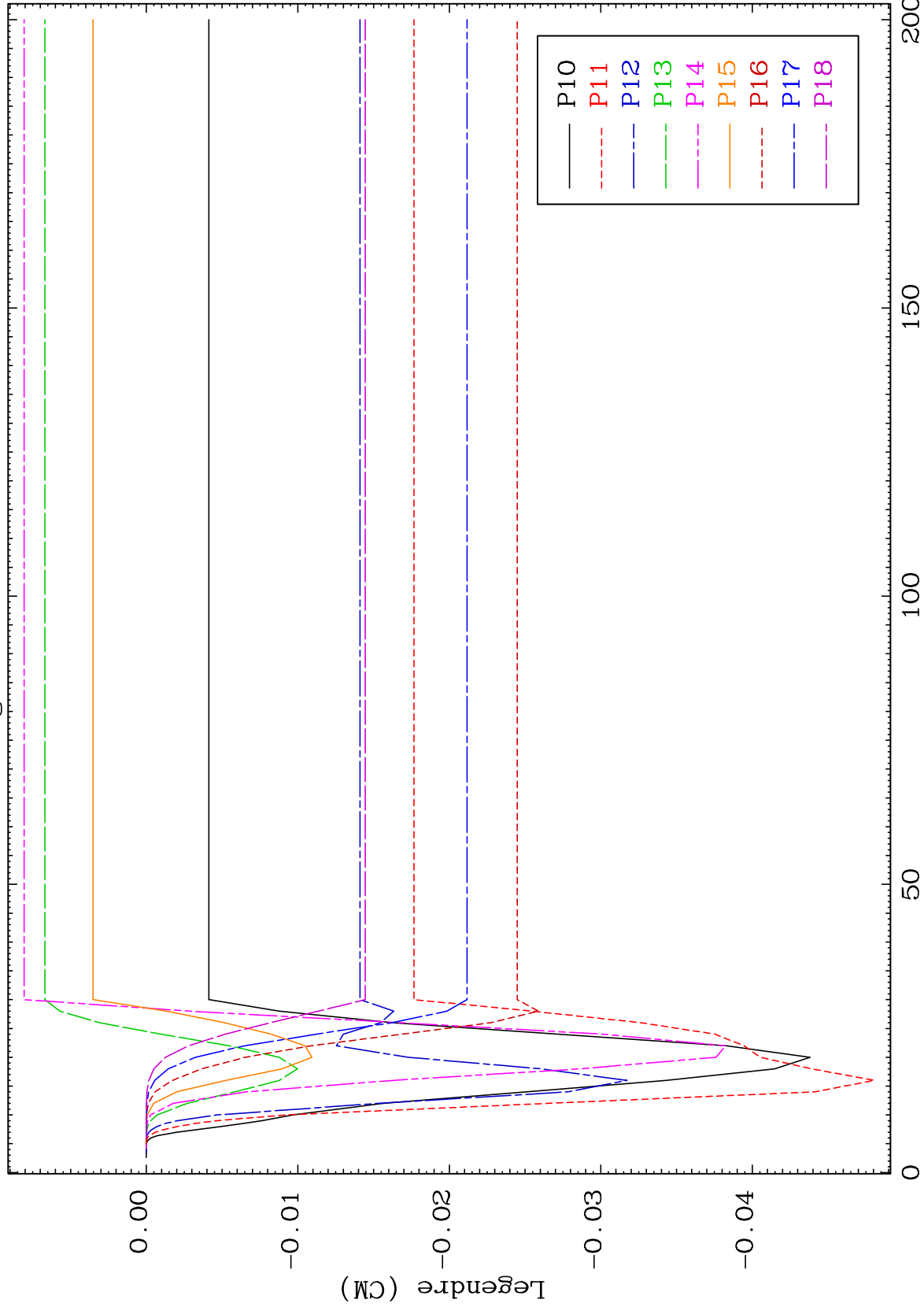
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

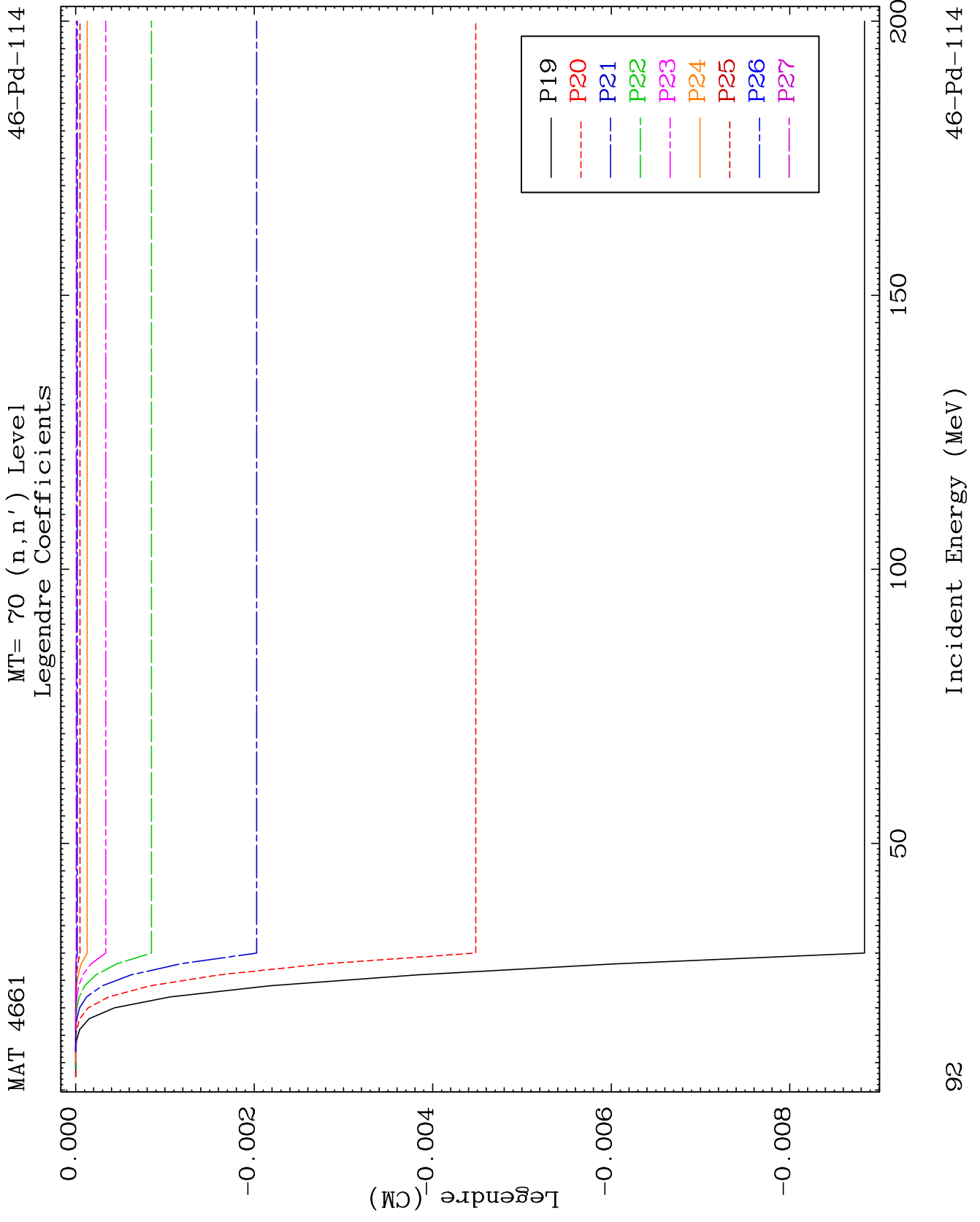
46-Pd-114

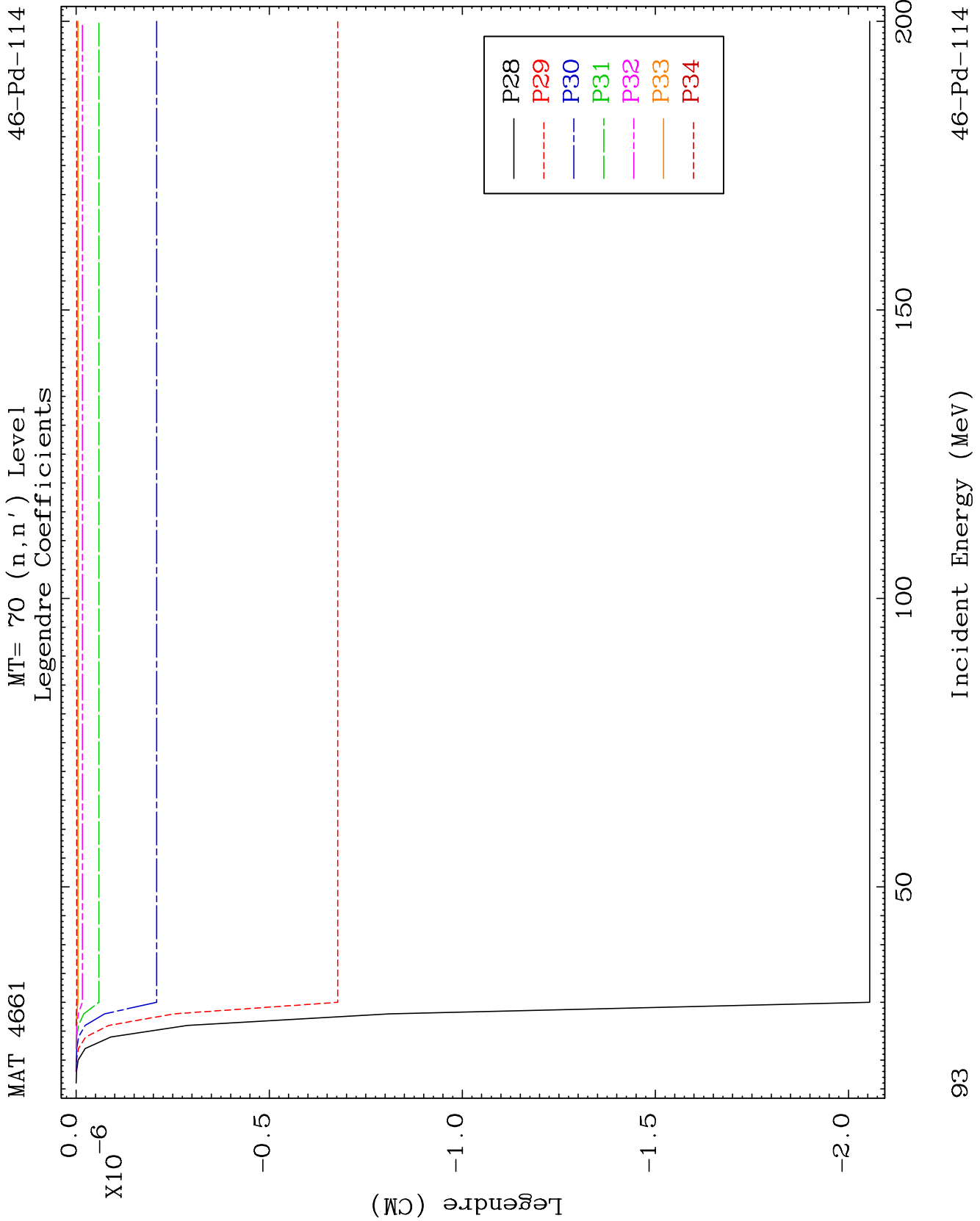


91

Incident Energy (MeV)

46-Pd-114

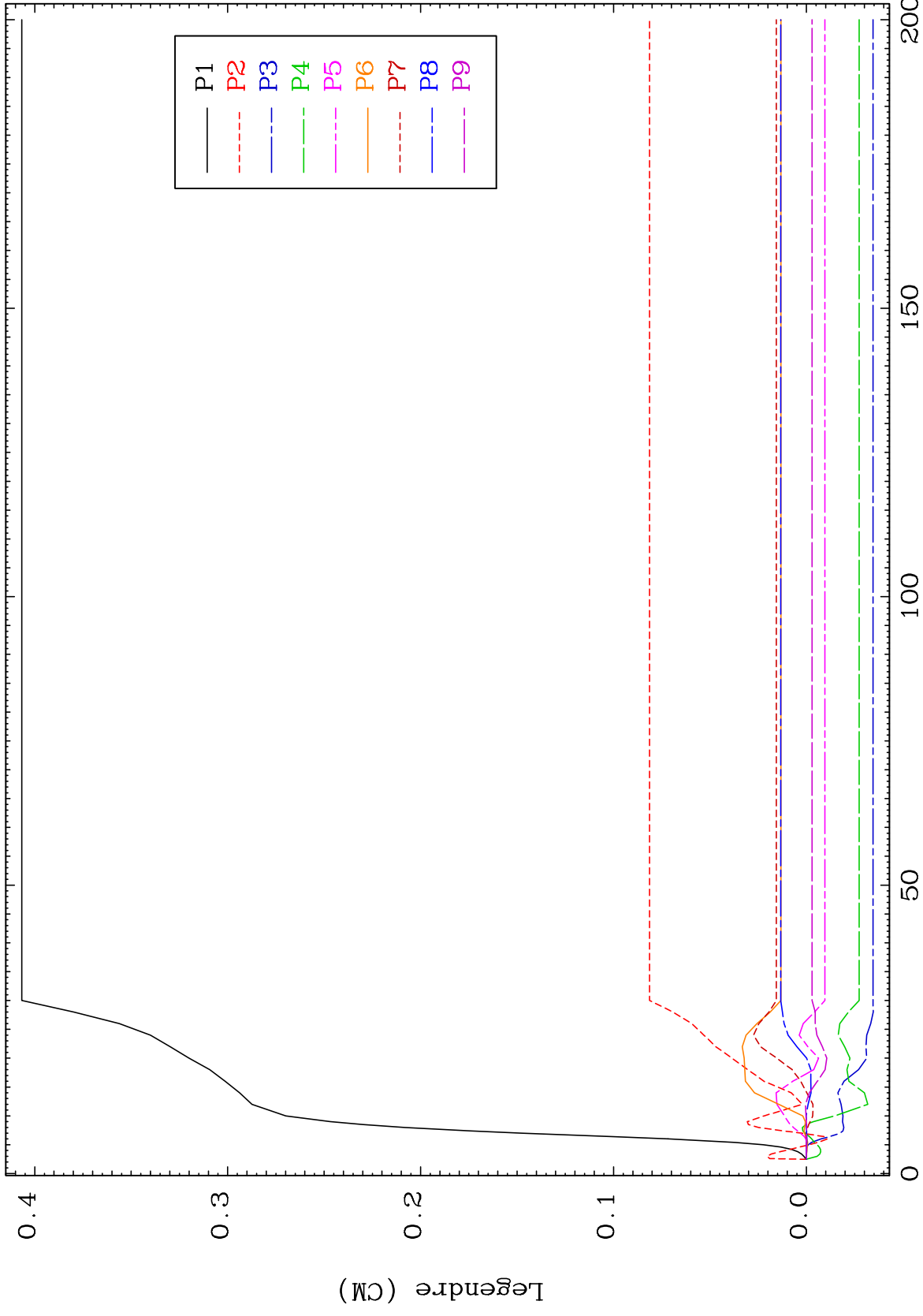




MAT 4661

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

46-Pd-114



94

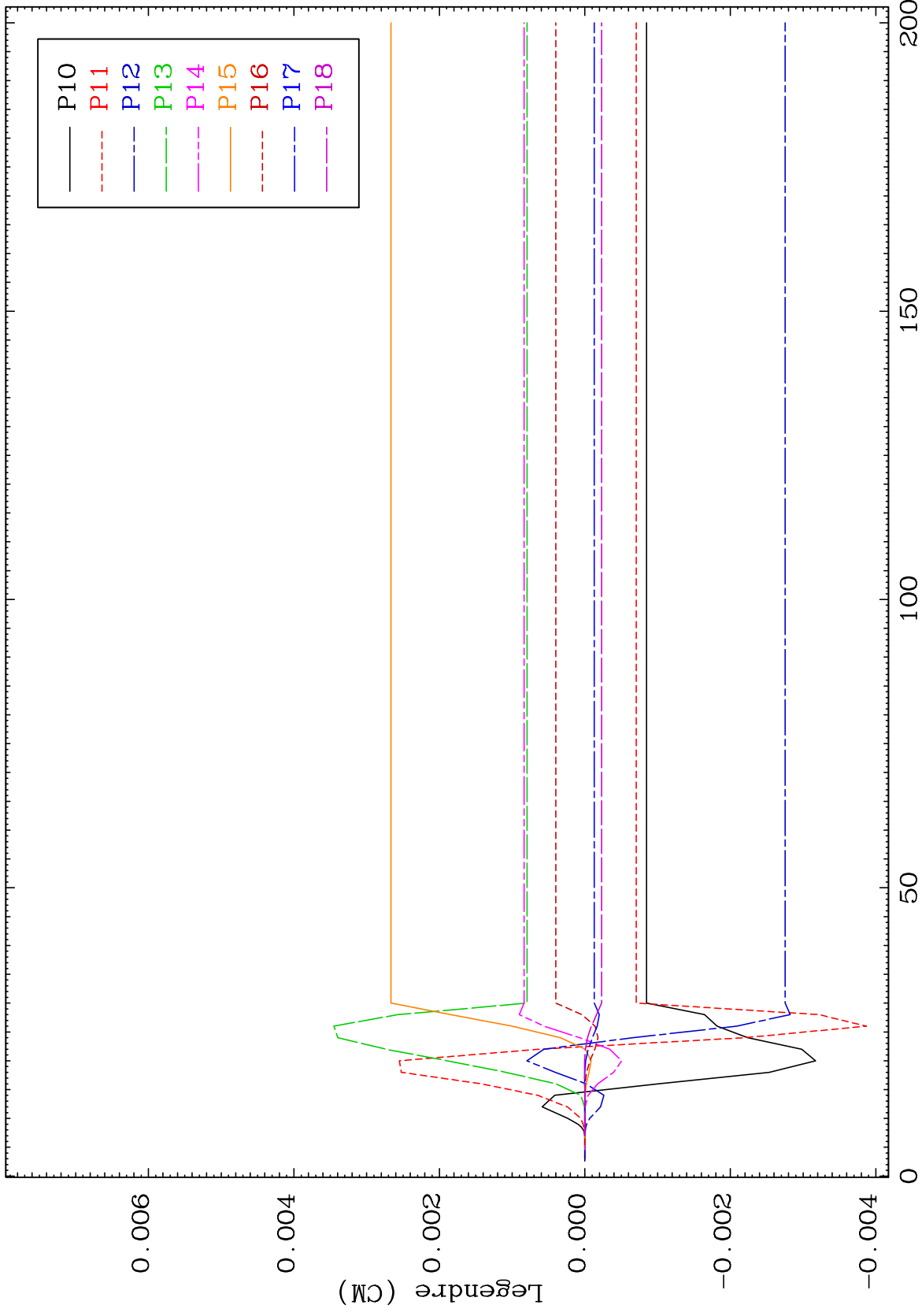
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

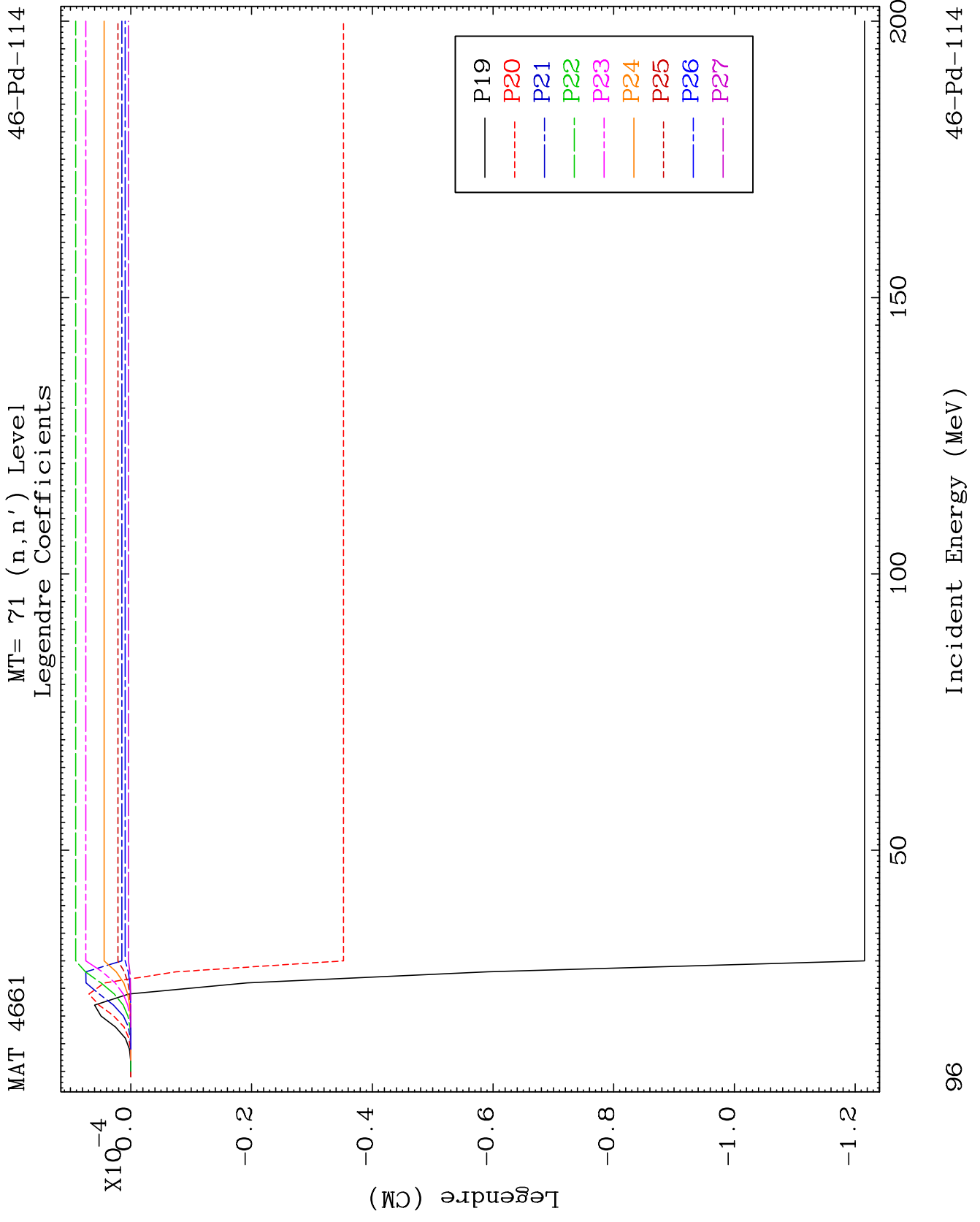
46-Pd-114



95

Incident Energy (MeV)

46-Pd-114



MAT 4661

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

46-Pd-114

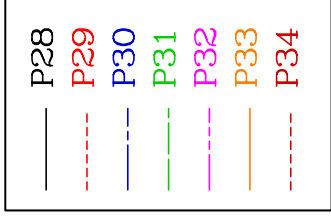
$\times 10^{-7}$
1.5

Legendre (CM)

1.0

0.5

0.0



50

100

150

200

97

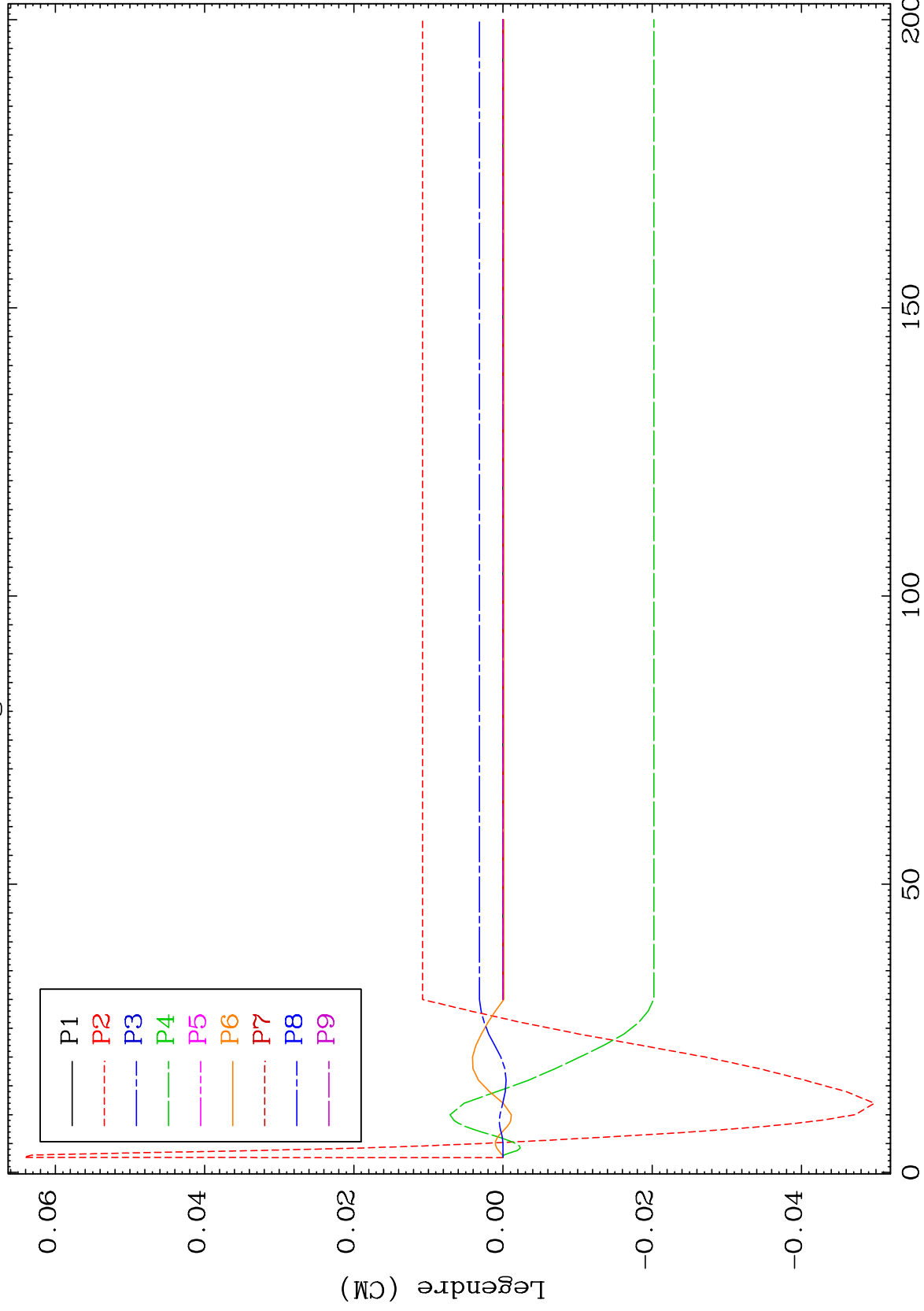
Incident Energy (MeV)

46-Pd-114

MAT 4661

46-Pd-114

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



98

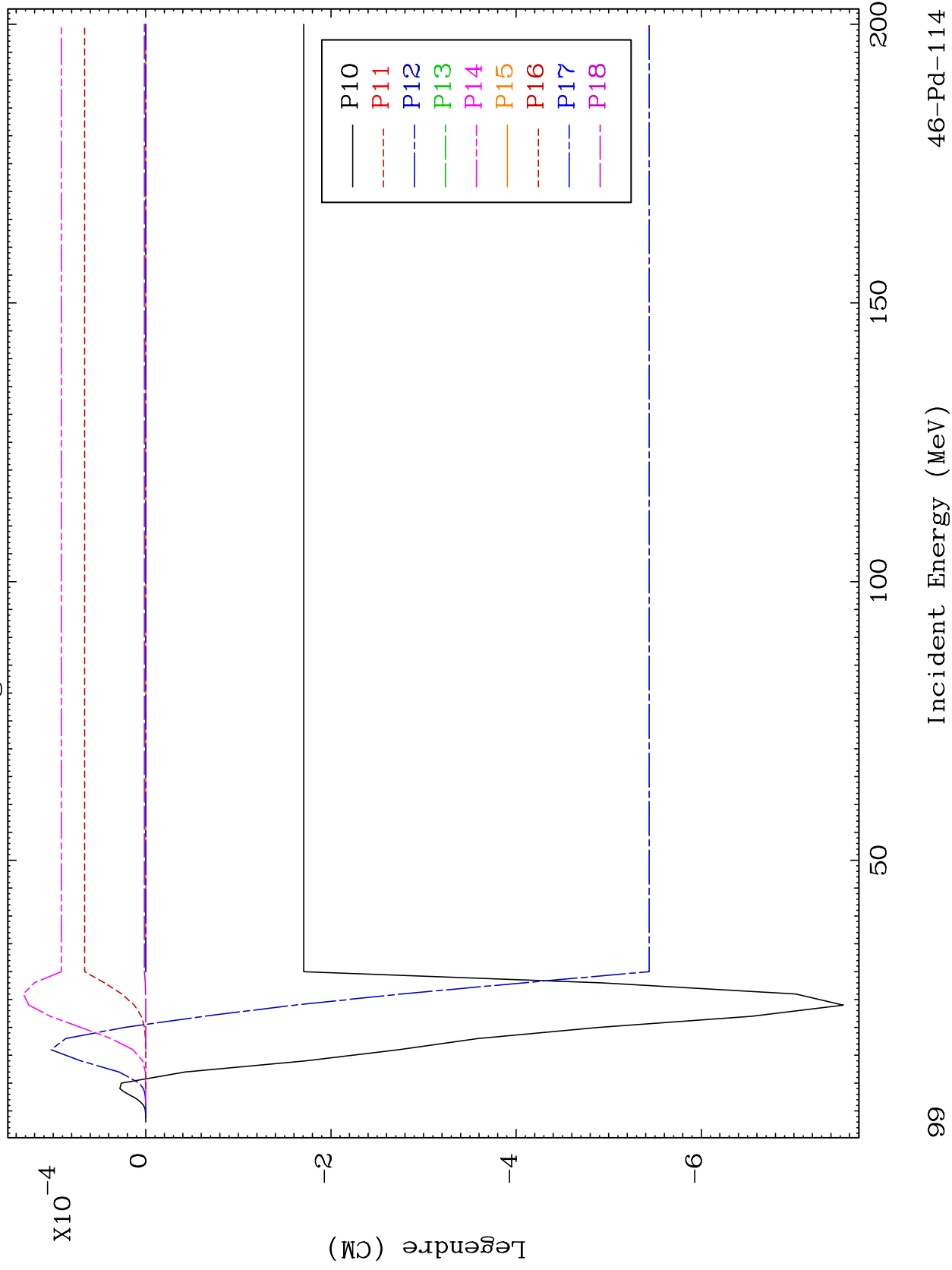
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

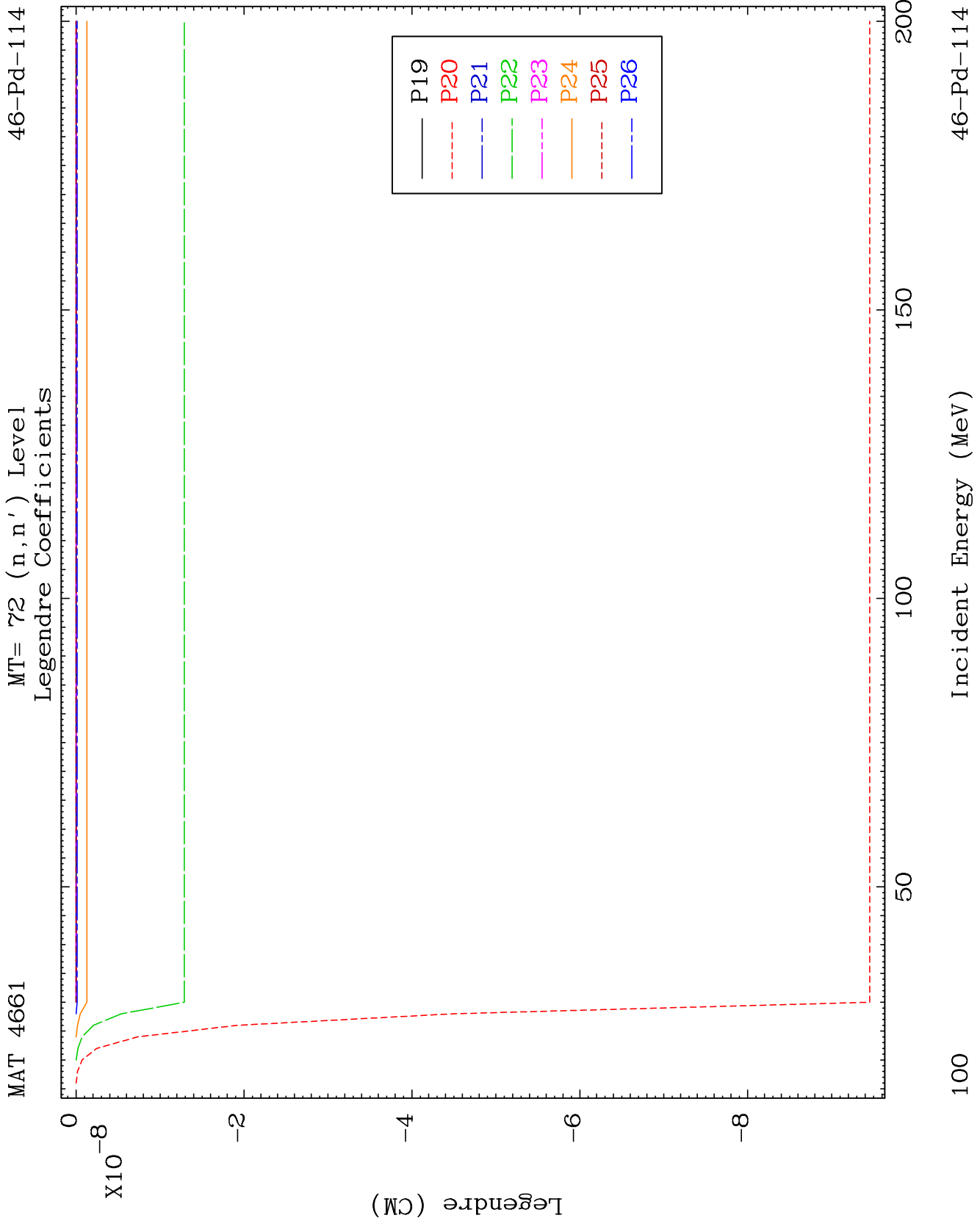
46-Pd-114



99

Incident Energy (MeV)

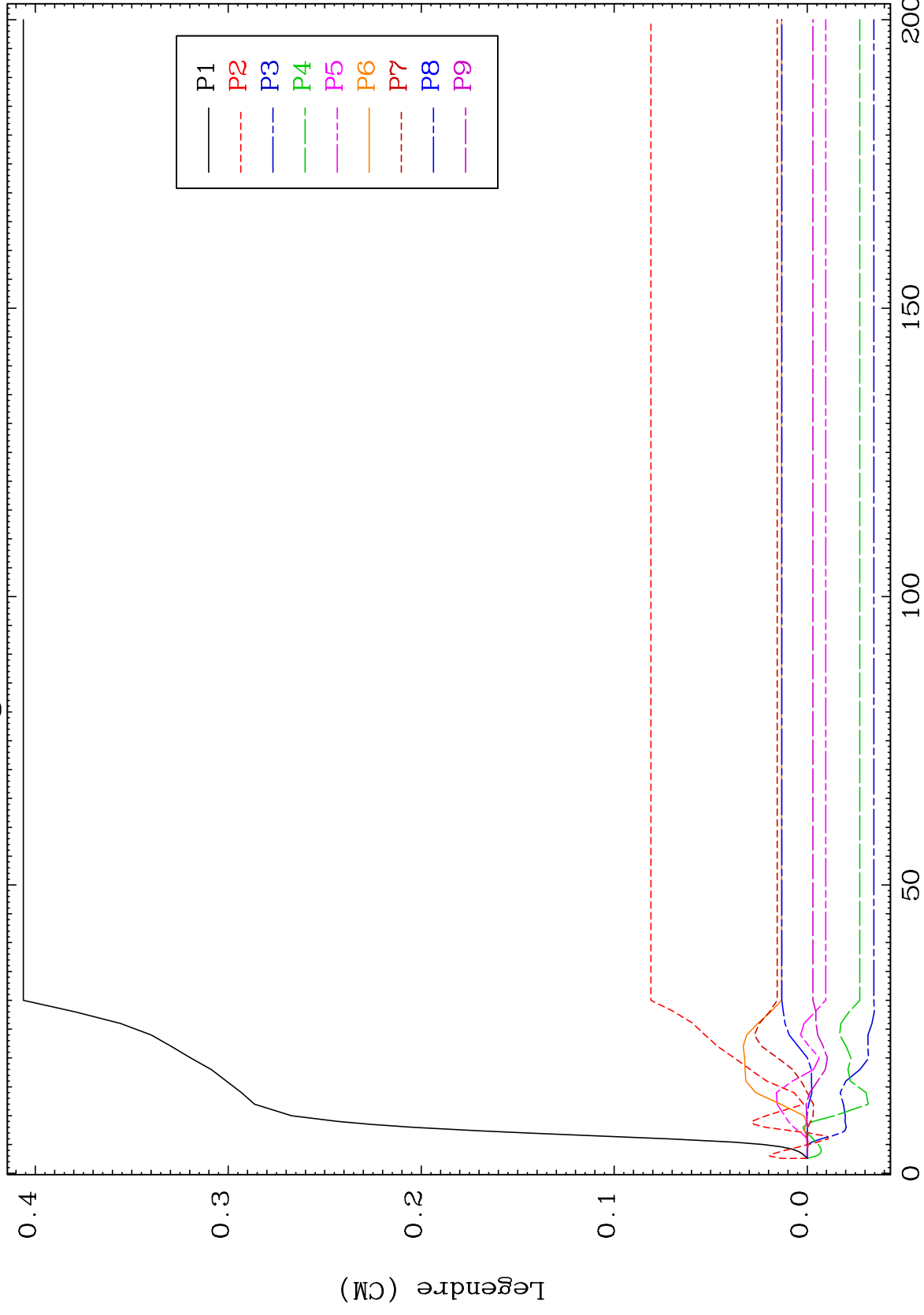
46-Pd-114



MAT 4661

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

46-Pd-114



101

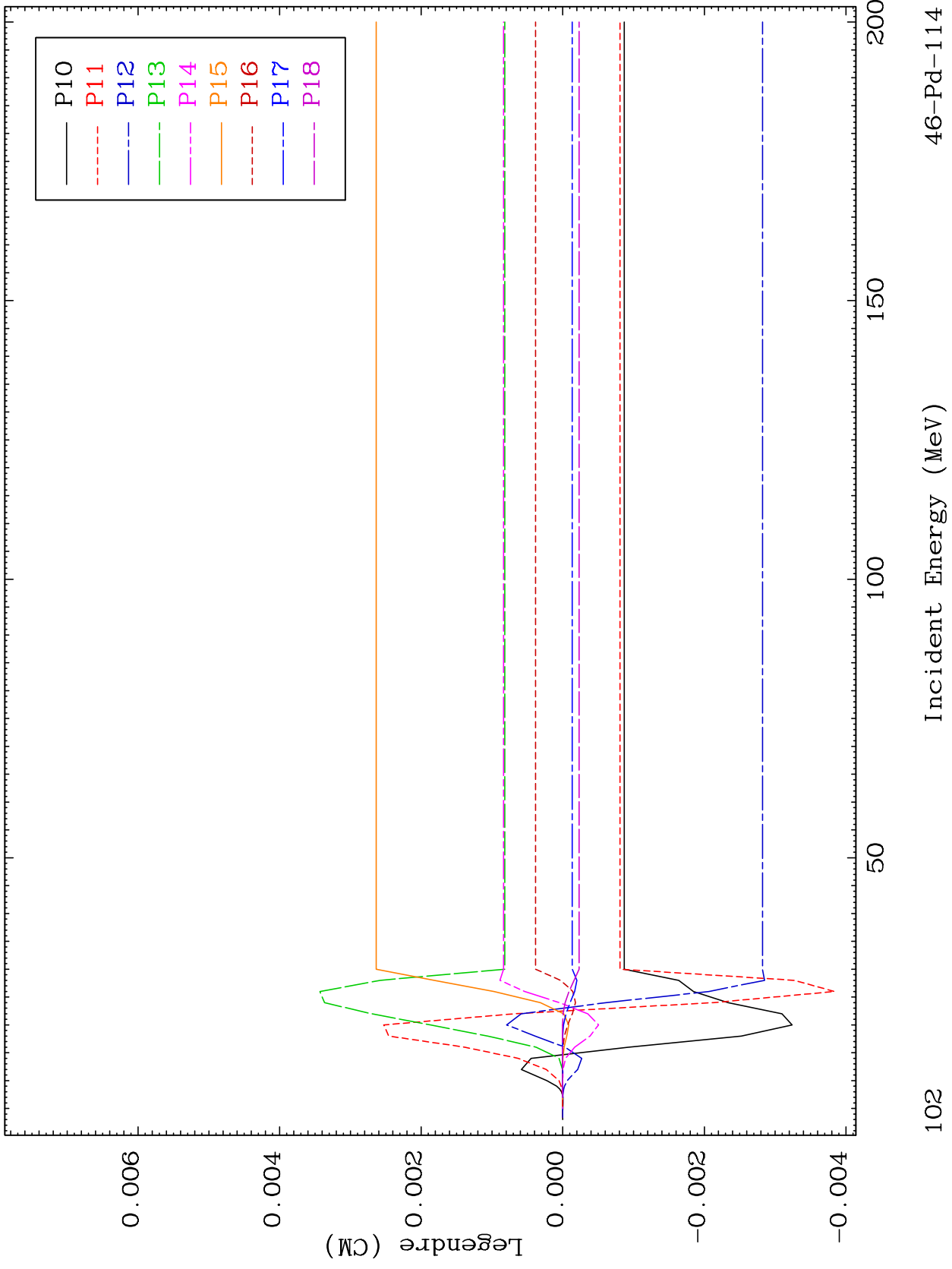
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

46-Pd-114



102

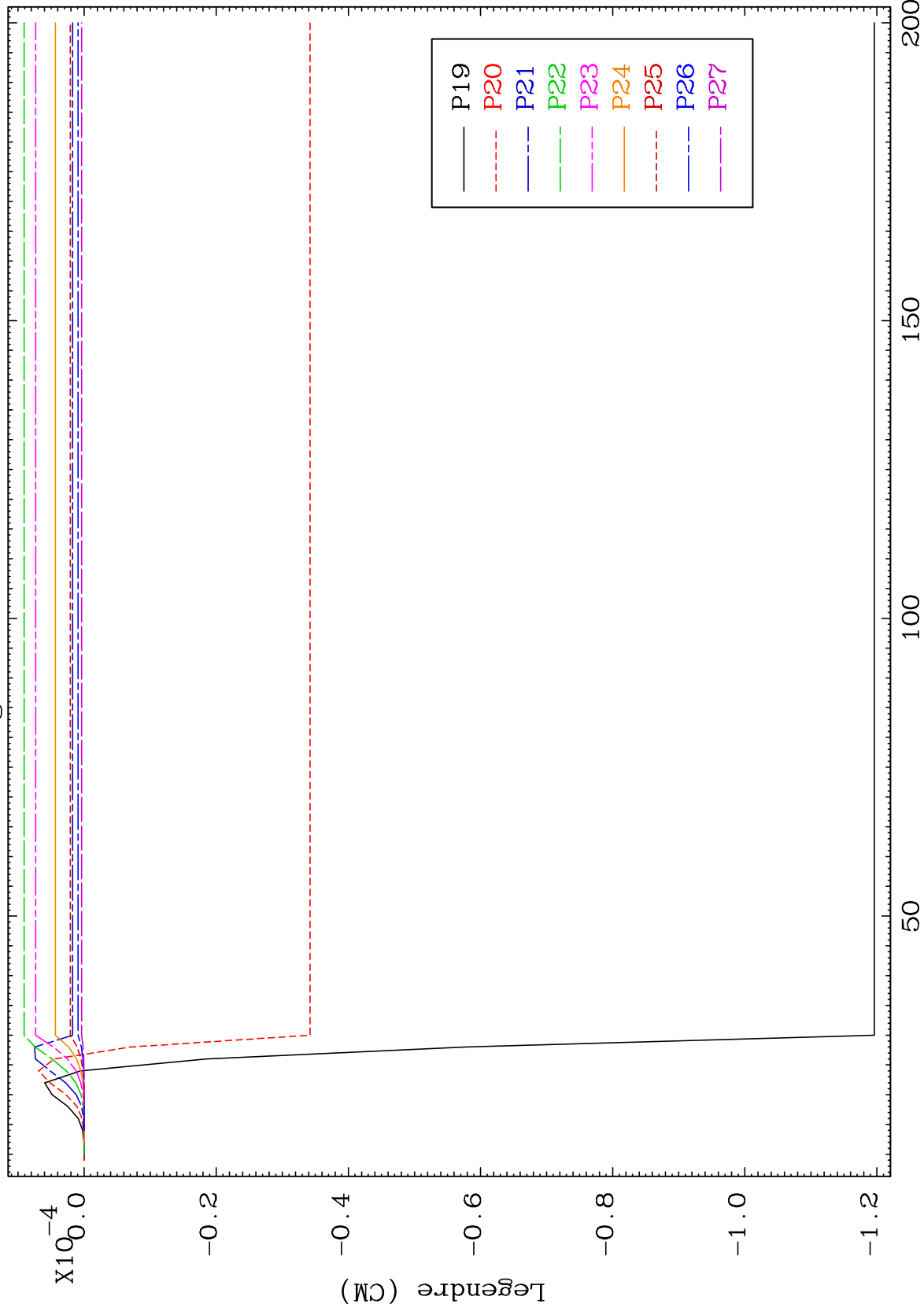
Incident Energy (MeV)

46-Pd-114

MAT 4661

46-Pd-114

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



103

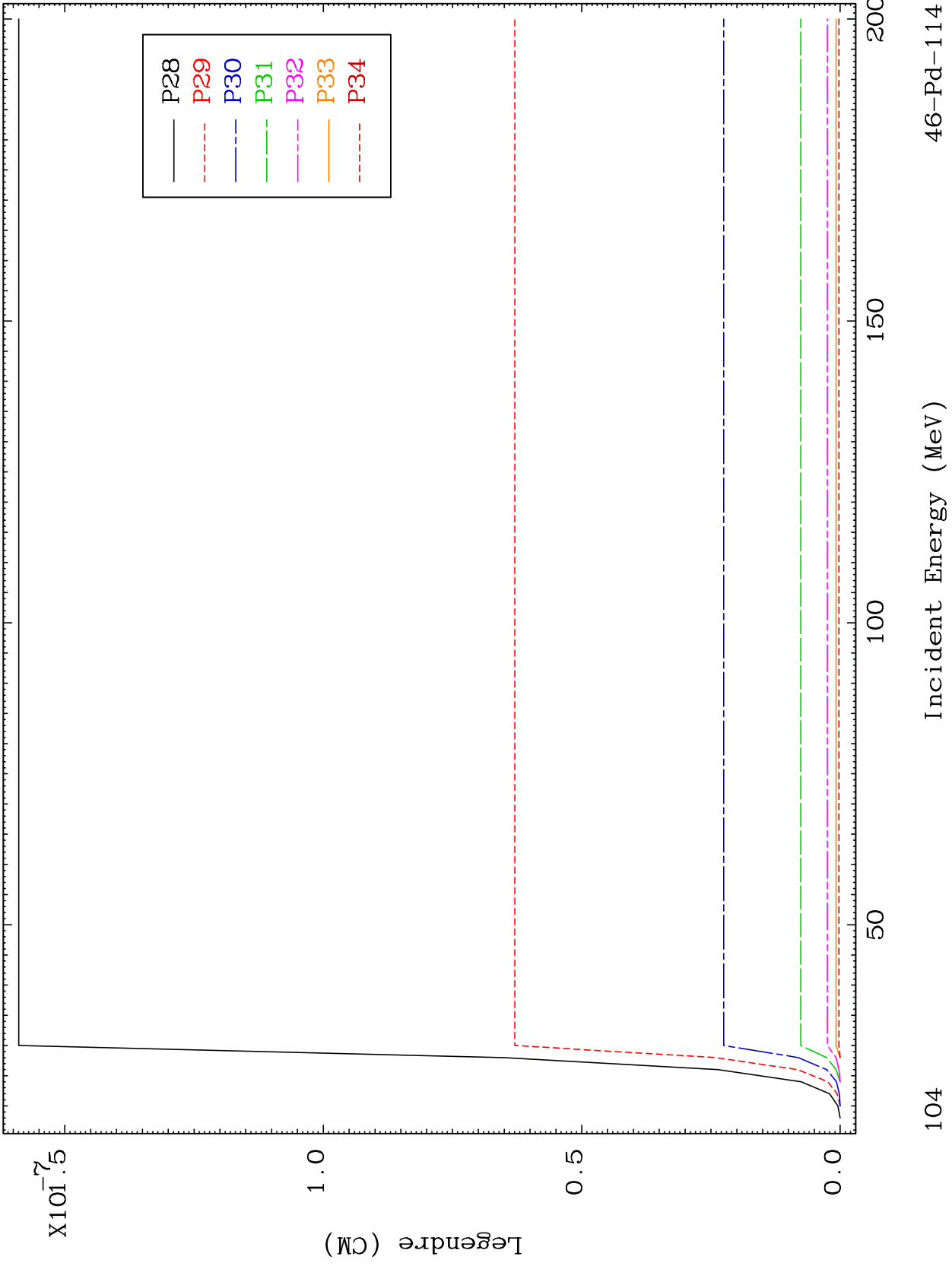
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

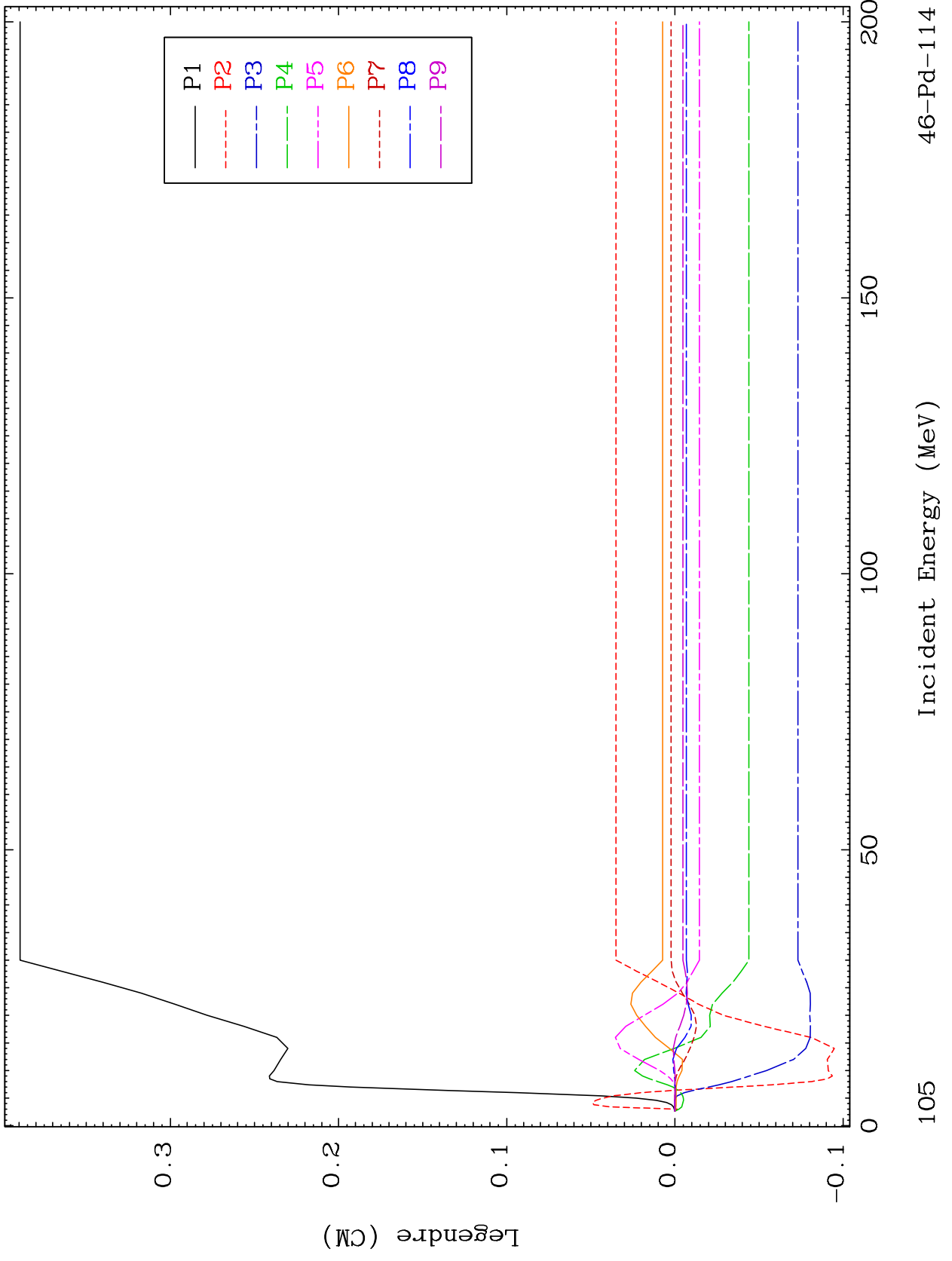
46-Pd-114



MAT 4661

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

46-Pd-114



46-Pd-114

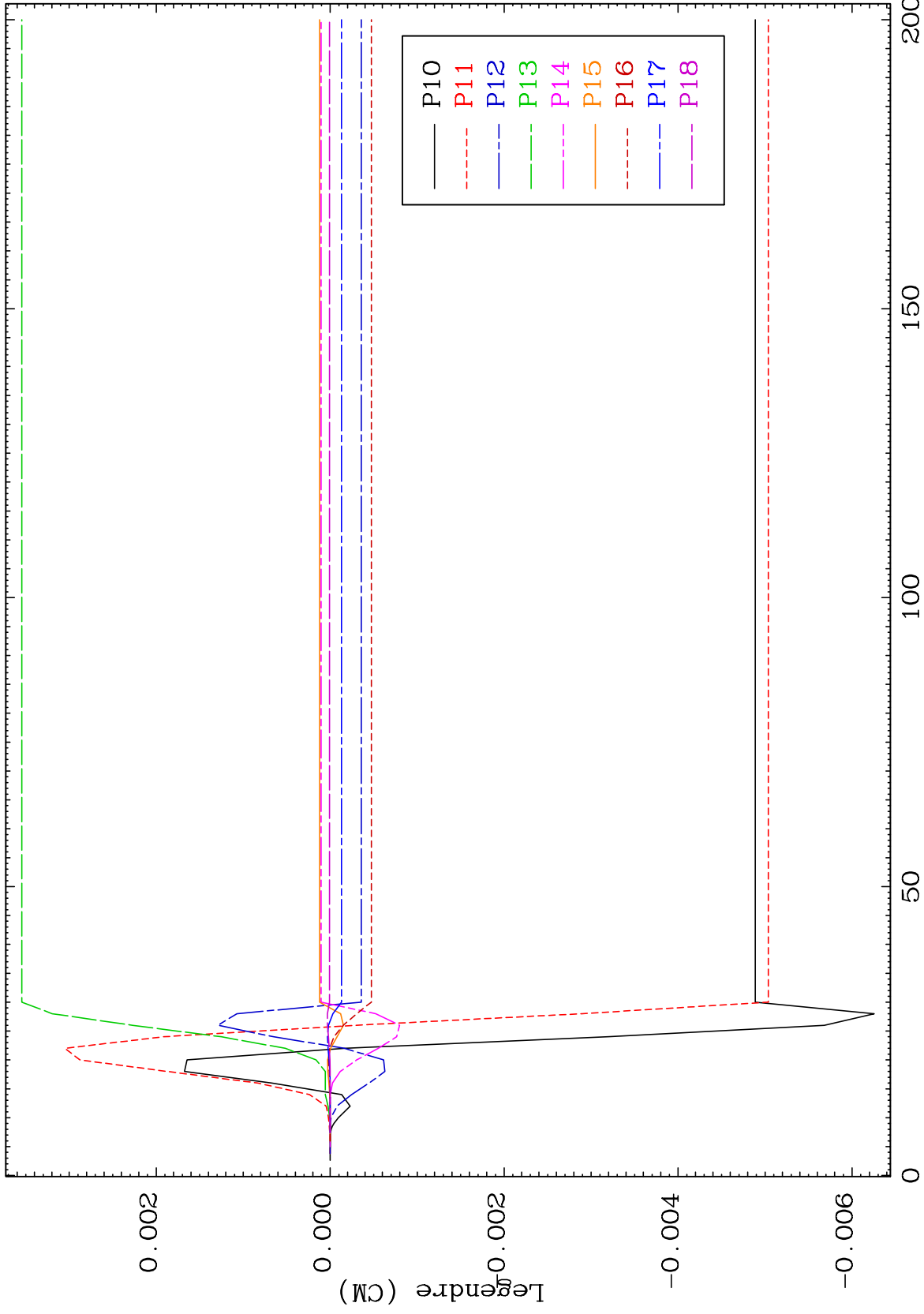
Incident Energy (MeV)

105

MAT 4661

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

46-Pd-114



106

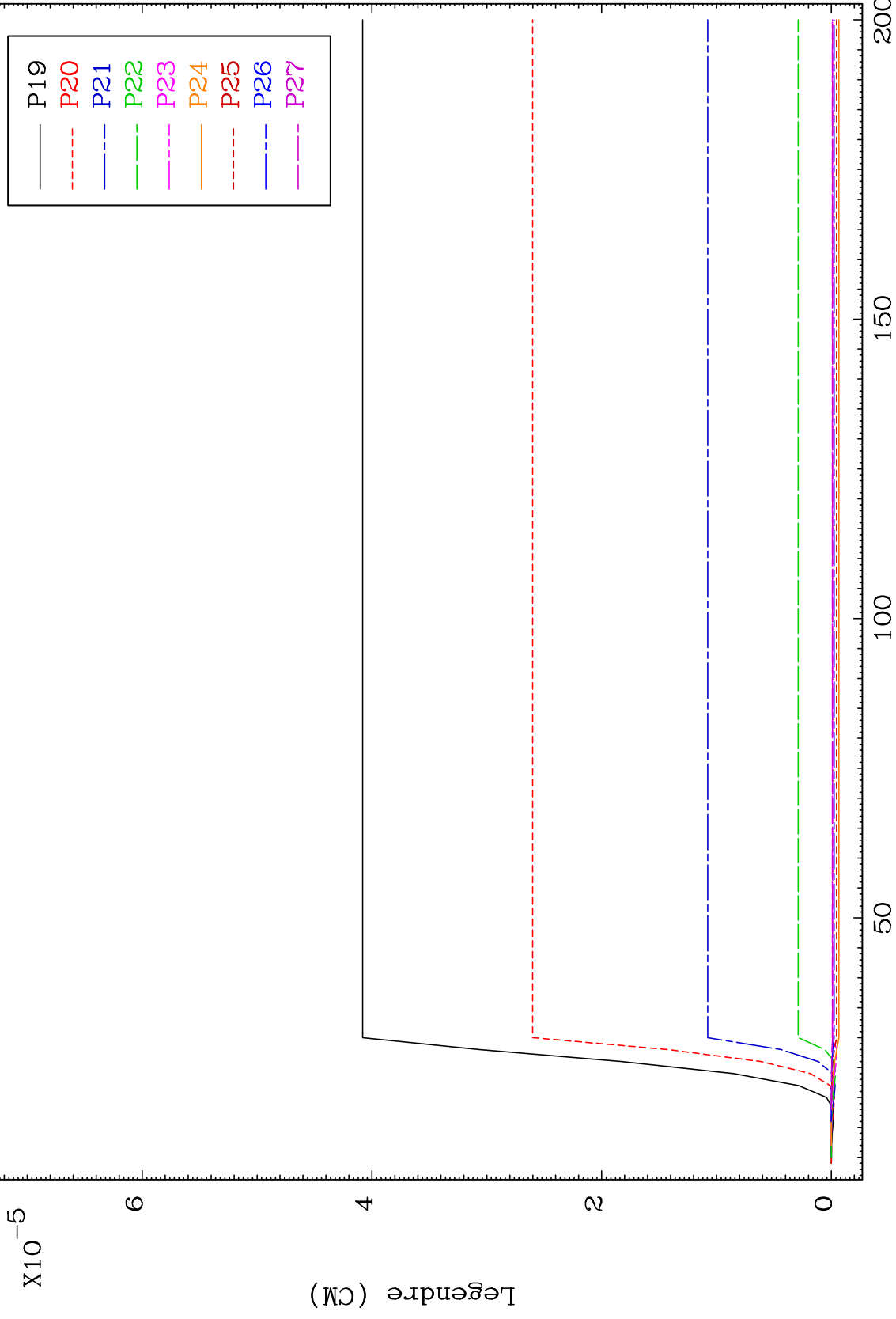
Incident Energy (MeV)

46-Pd-114

MAT 4661

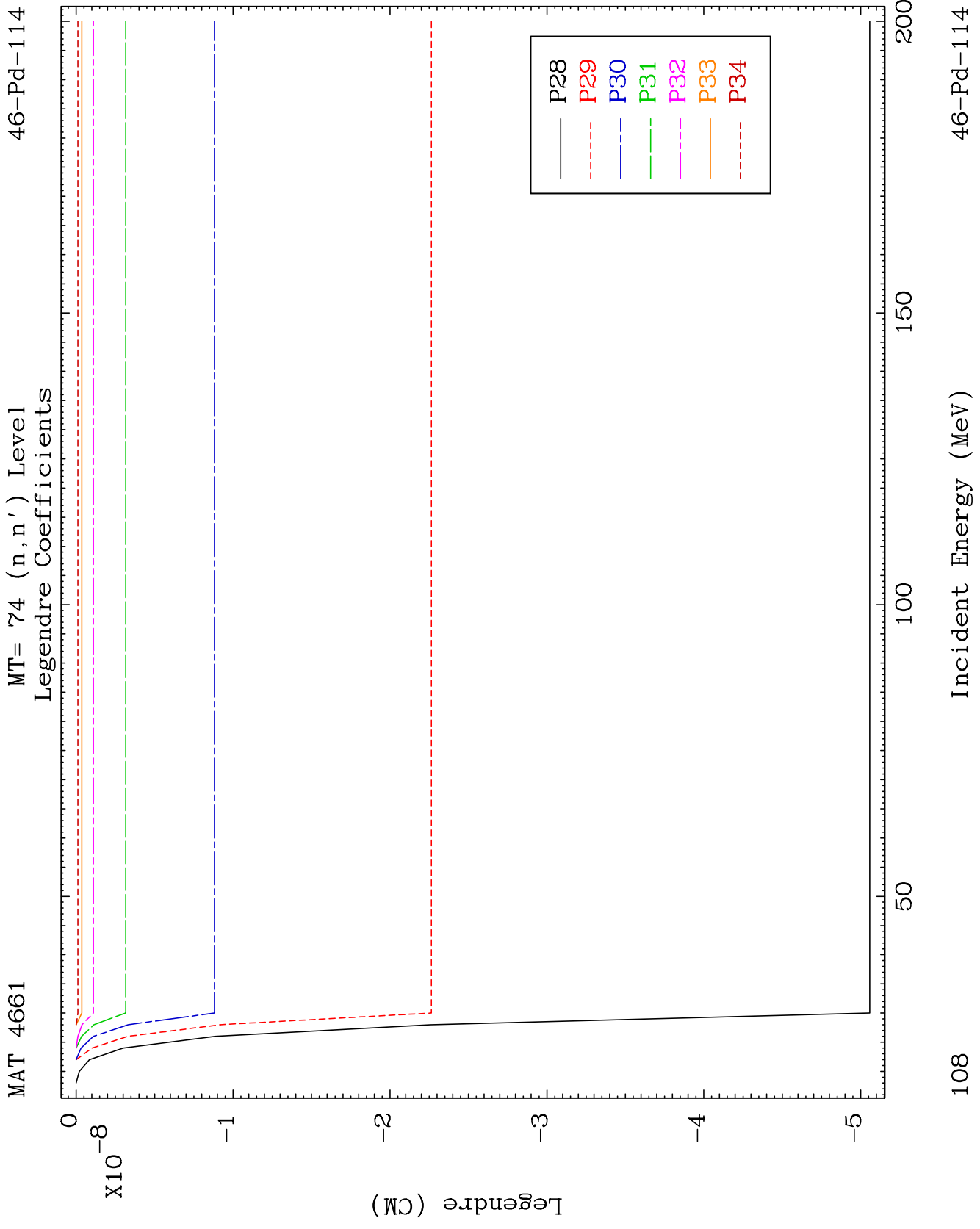
MT= 74 (n,n') Level
Legendre Coefficients

46-Pd-114



107

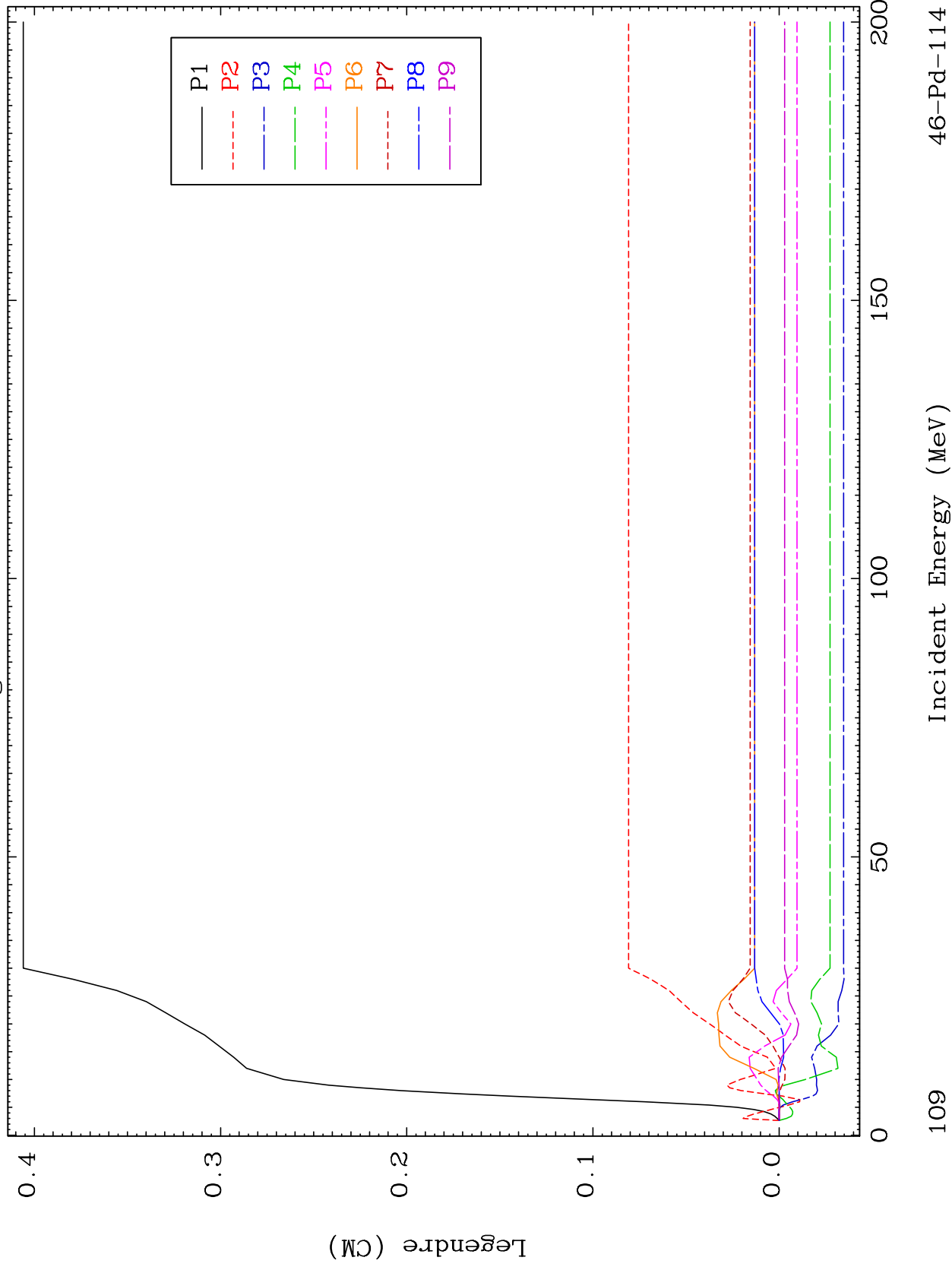
46-Pd-114



MAT 4661

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

46-Pd-114



46-Pd-114

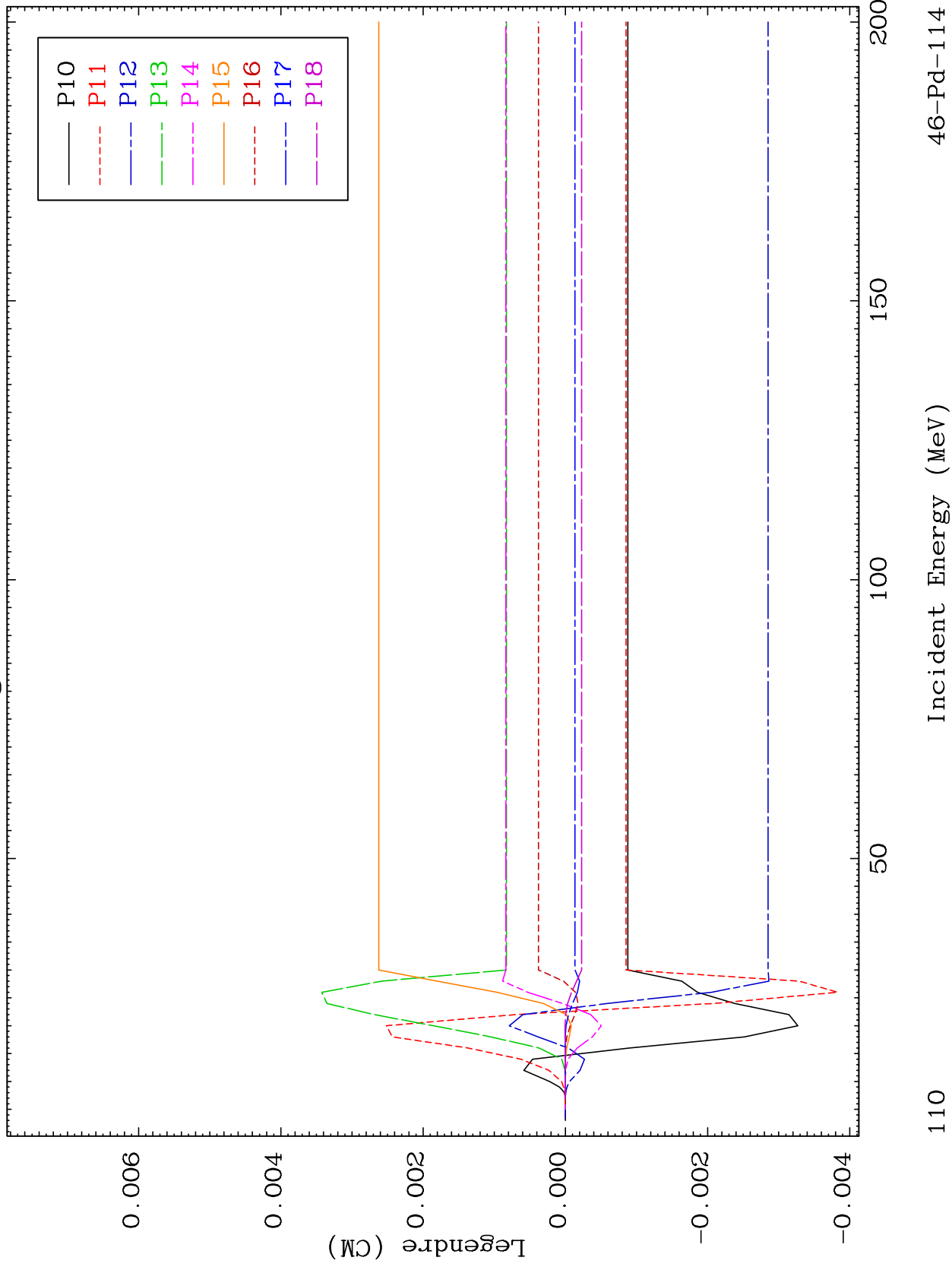
Incident Energy (MeV)

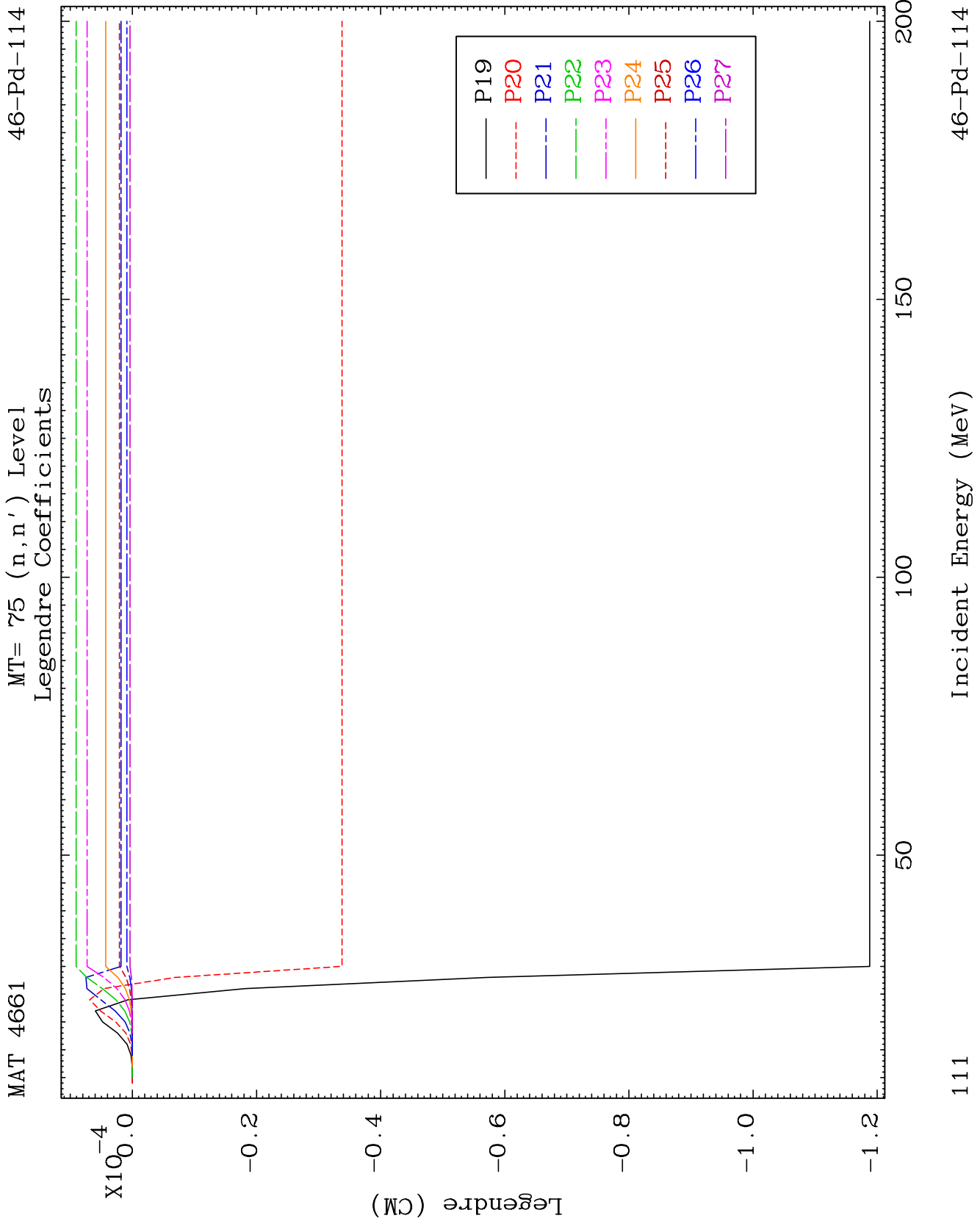
109

MAT 4661

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

46-Pd-114

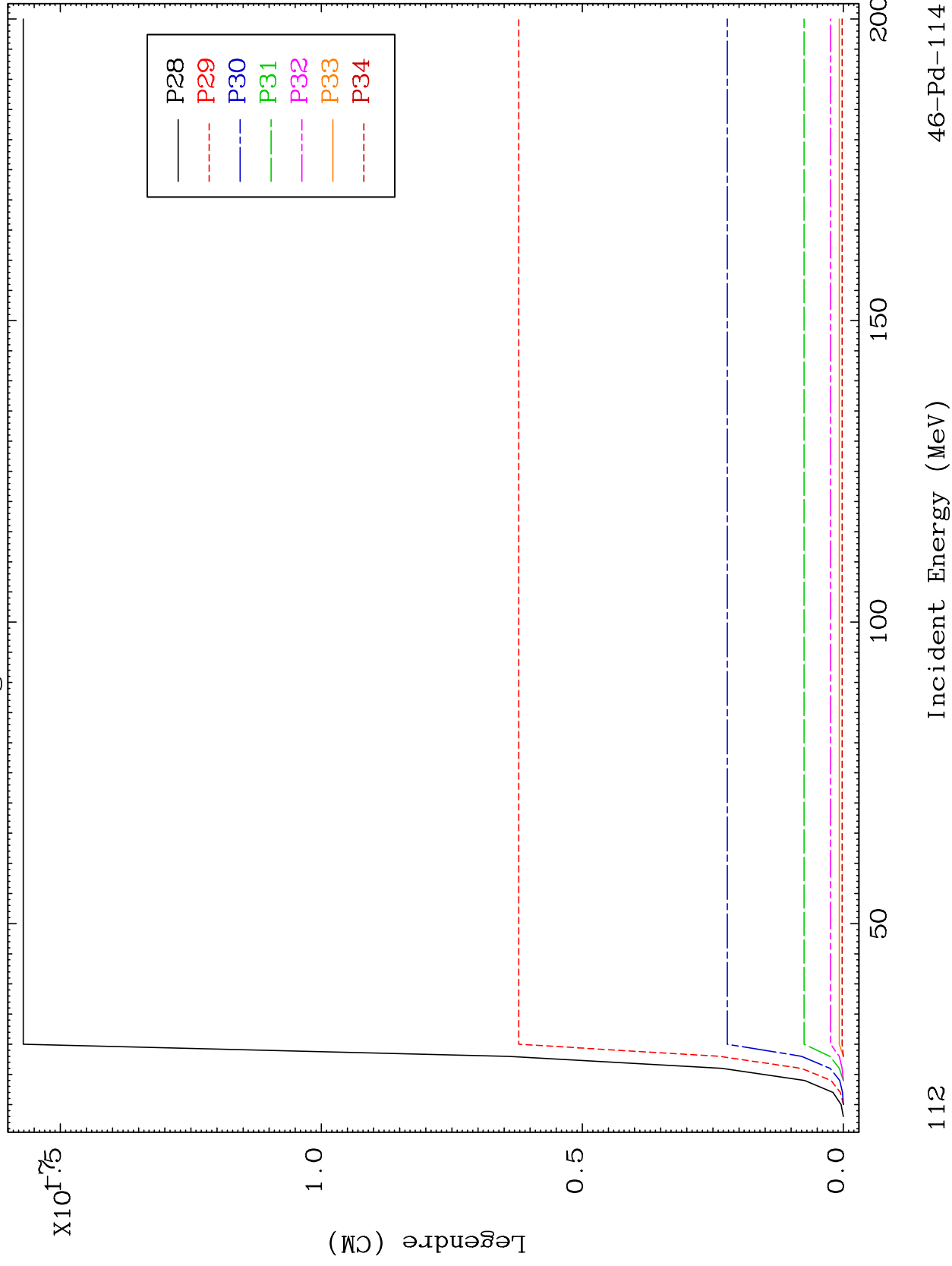




MAT 4661

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

46-Pd-114



112

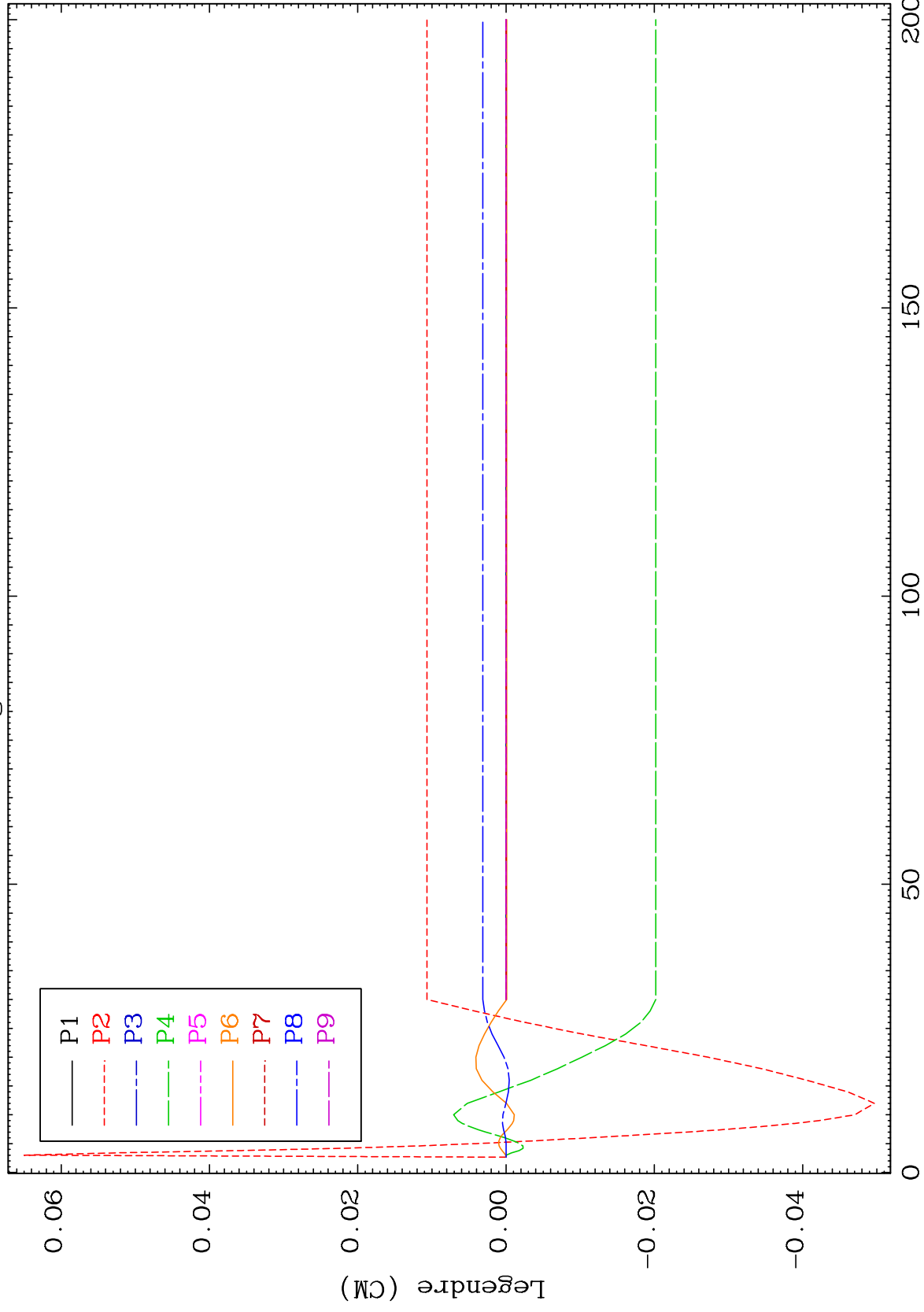
Incident Energy (MeV)

46-Pd-114

MAT 4661

MT= 76 (n,n') Level
Legendre Coefficients

46-Pd-114



113

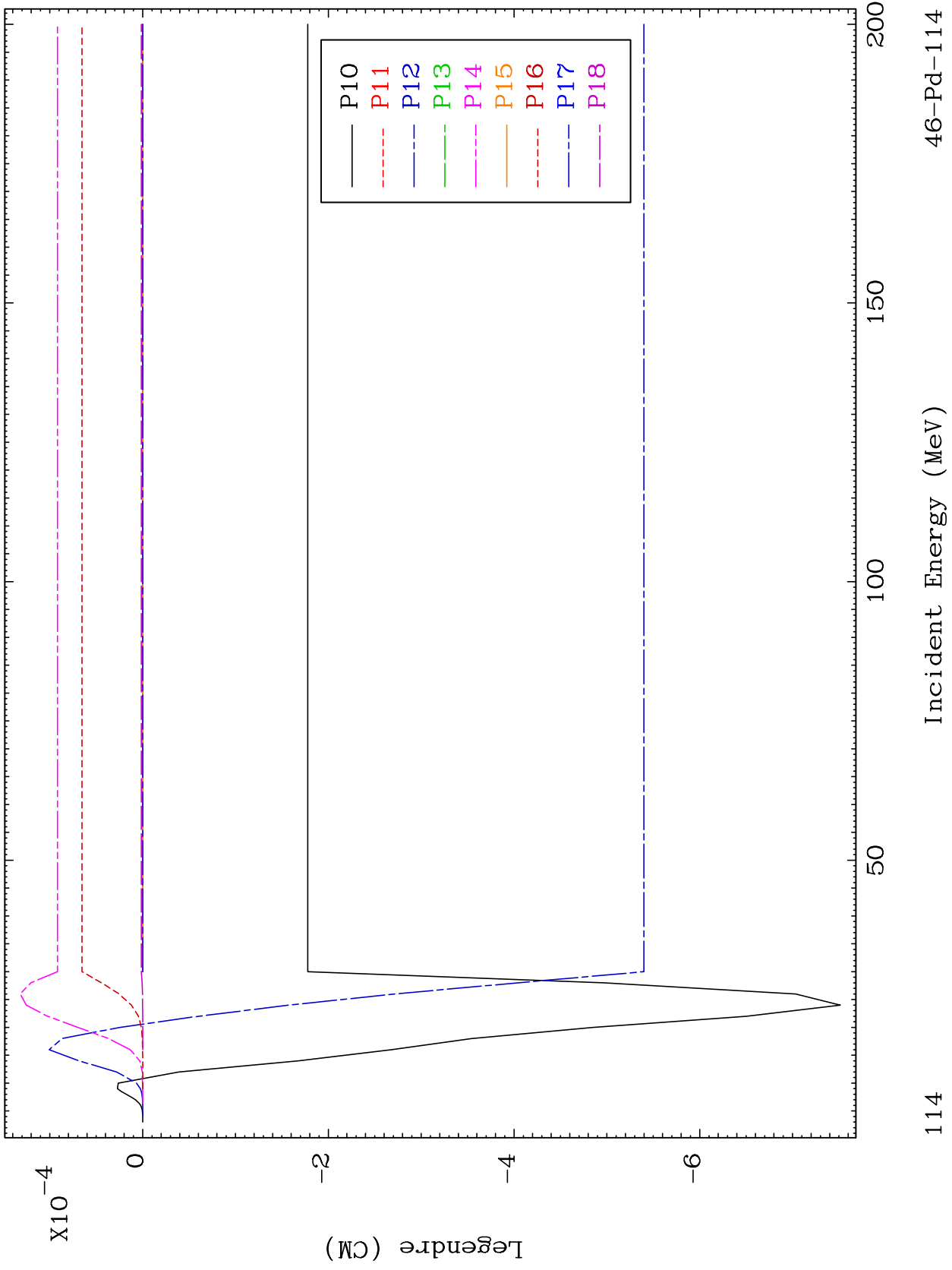
Incident Energy (MeV)

46-Pd-114

MAT 4661

MT= 76 (n,n') Level
Legendre Coefficients

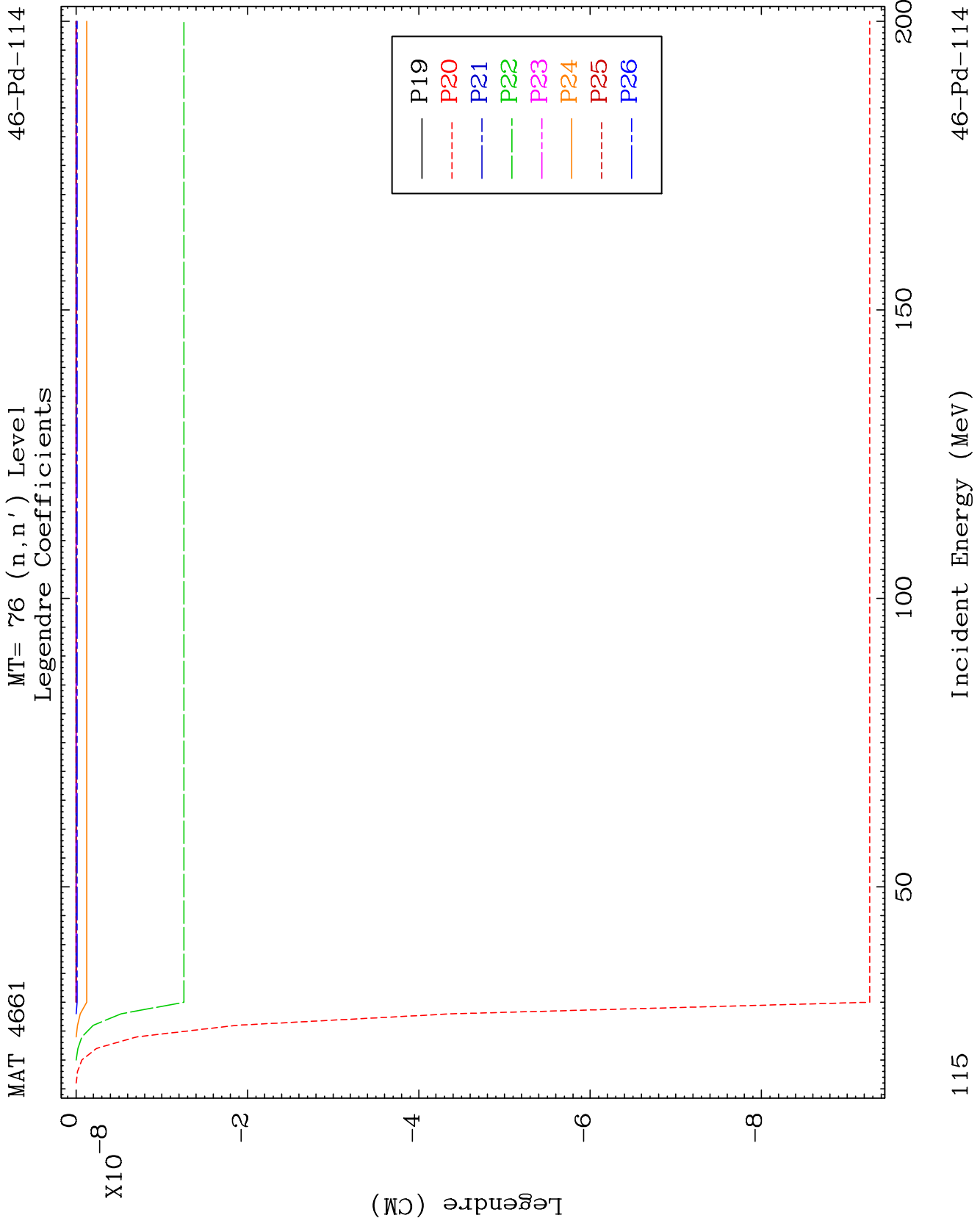
46-Pd-114



114

Incident Energy (MeV)

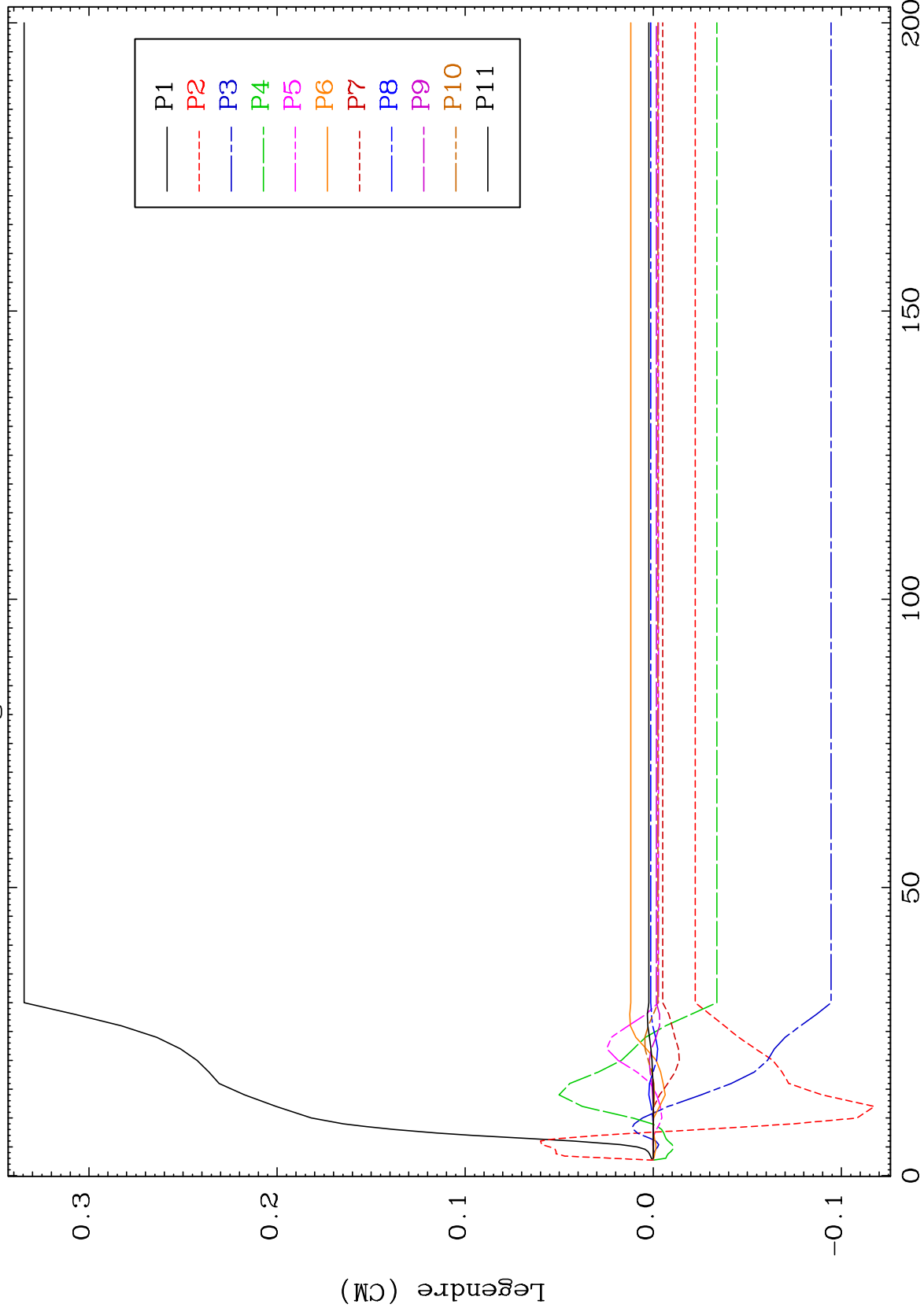
46-Pd-114



MAT 4661

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

46-Pd-114



116

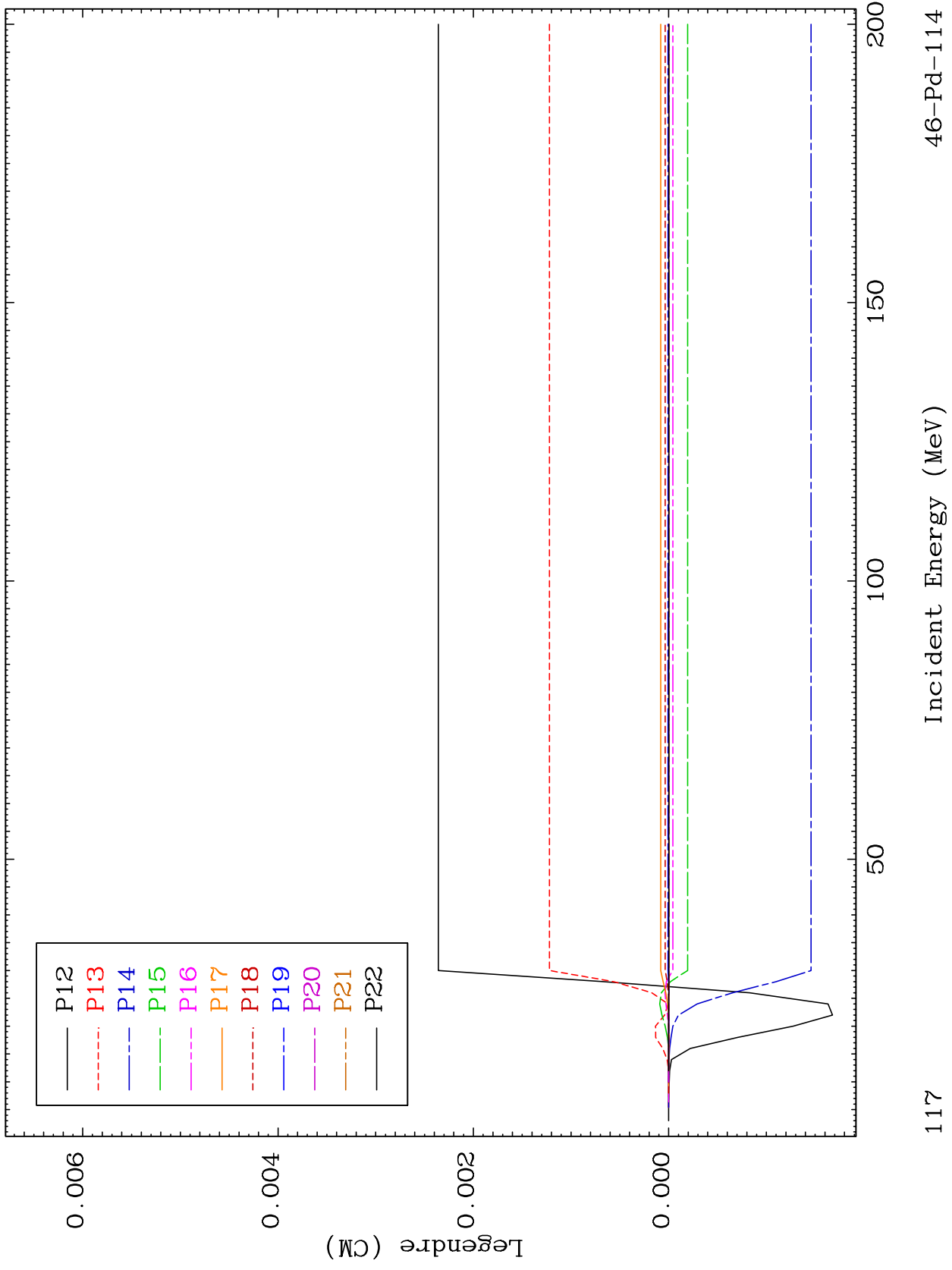
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

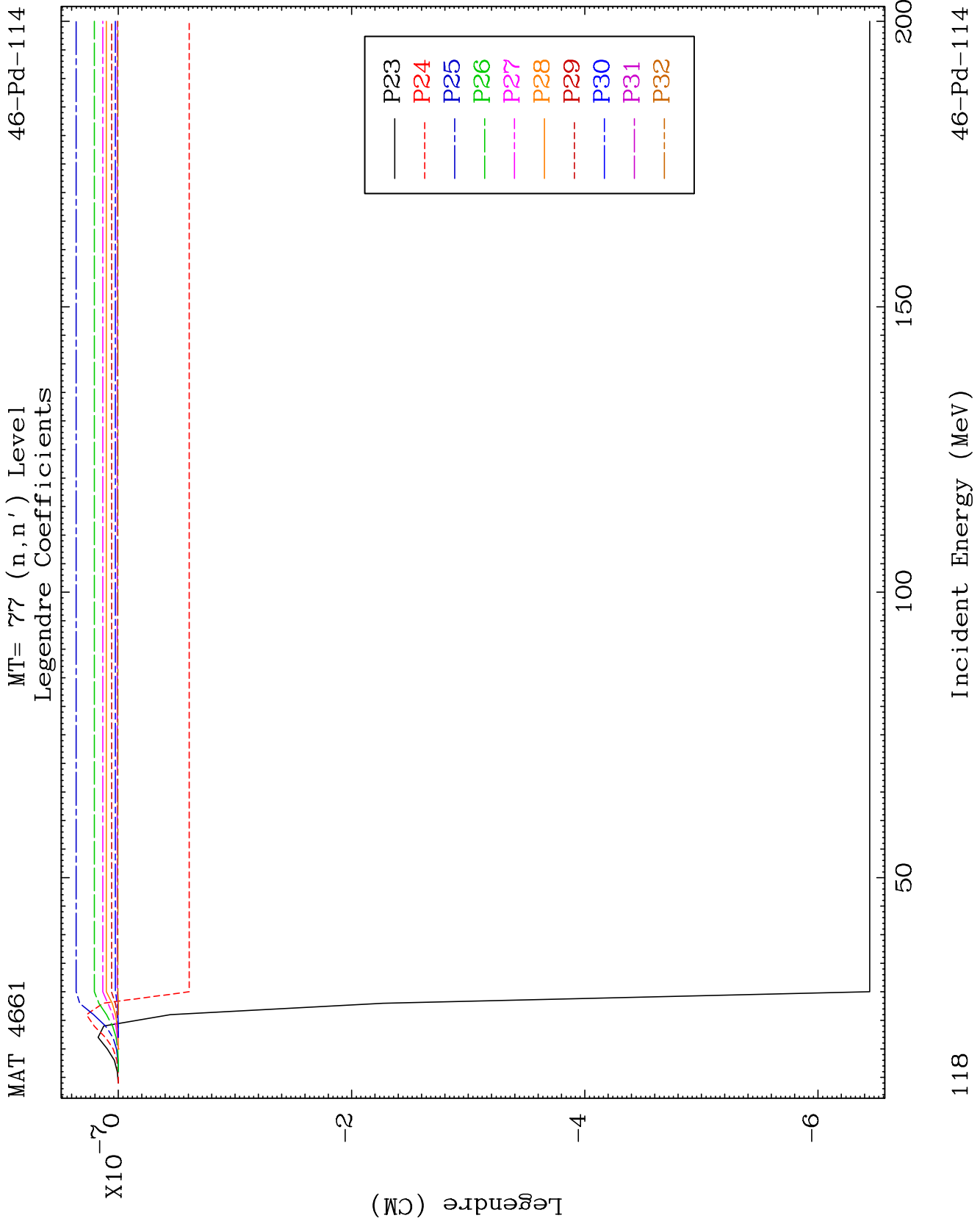
46-Pd-114



117

Incident Energy (MeV)

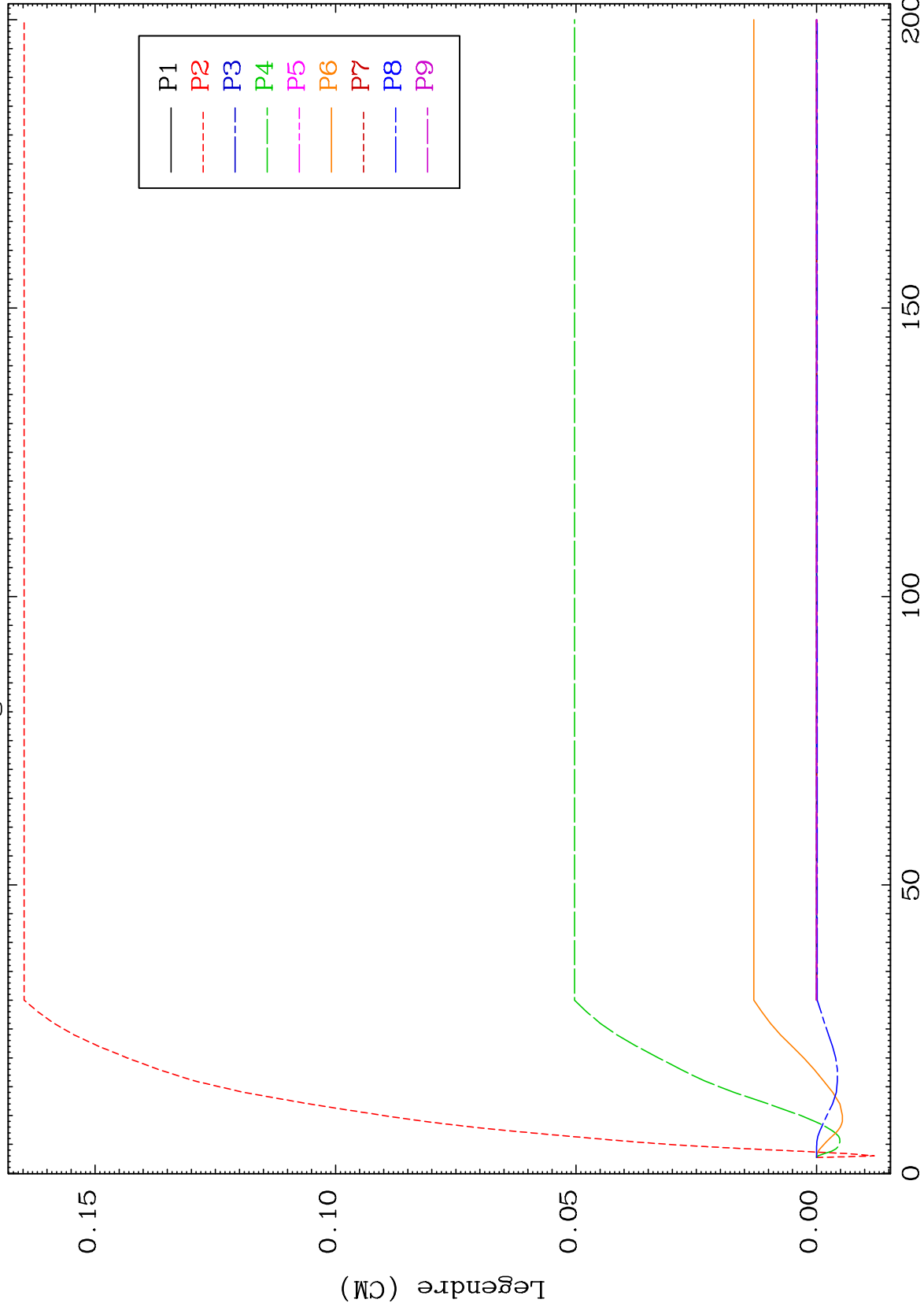
46-Pd-114



MAT 4661

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

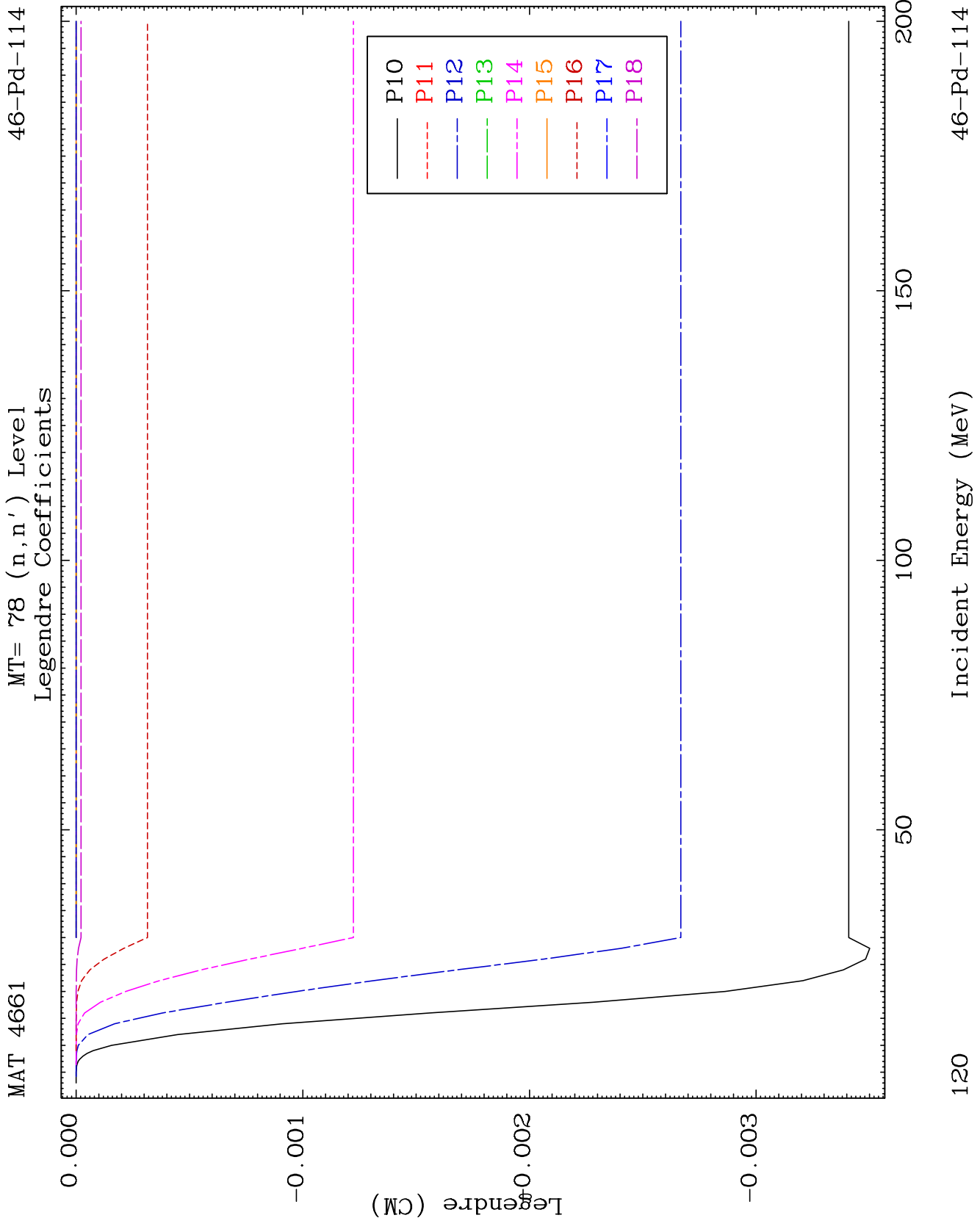
46-Pd-114

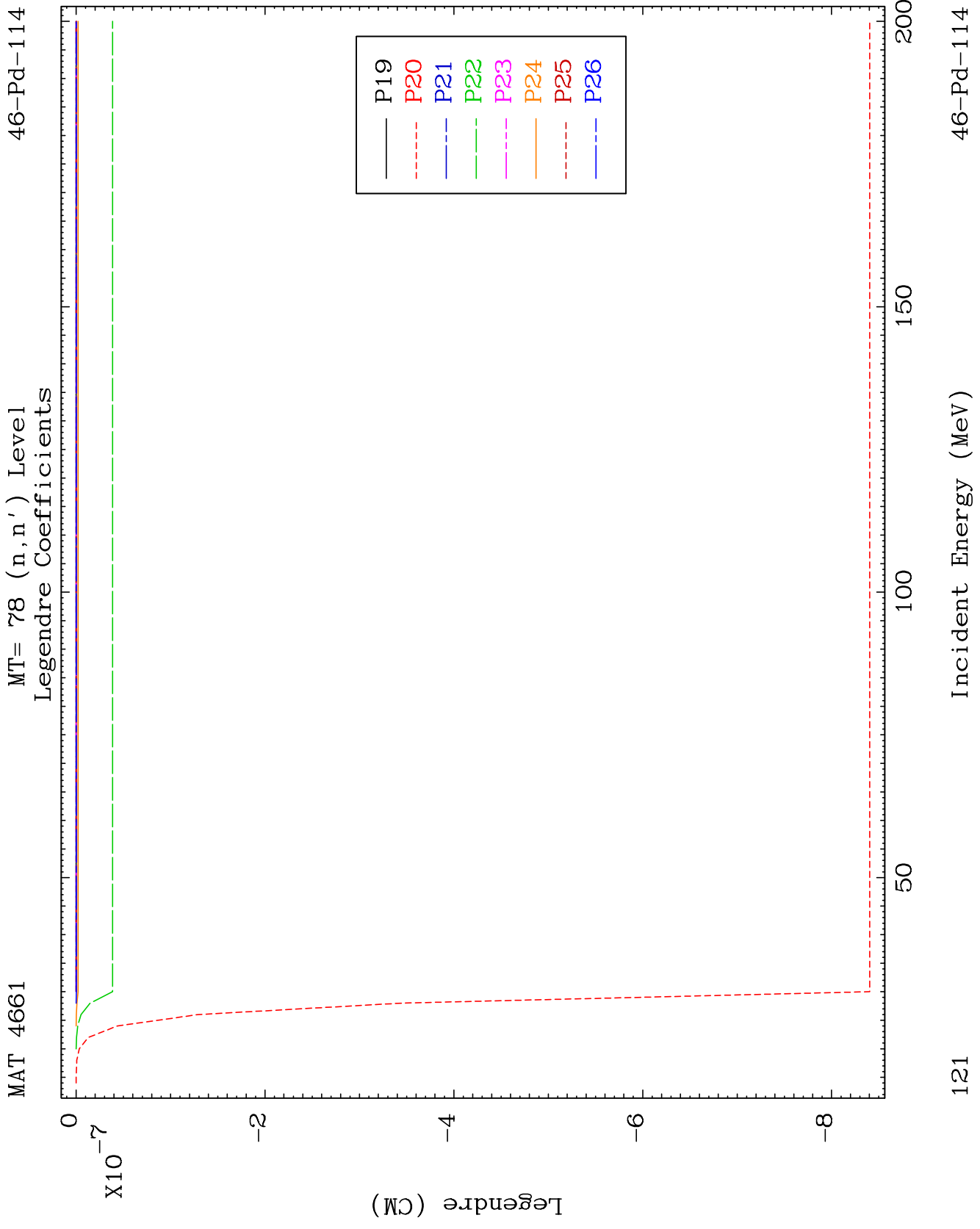


119

Incident Energy (MeV)

46-Pd-114

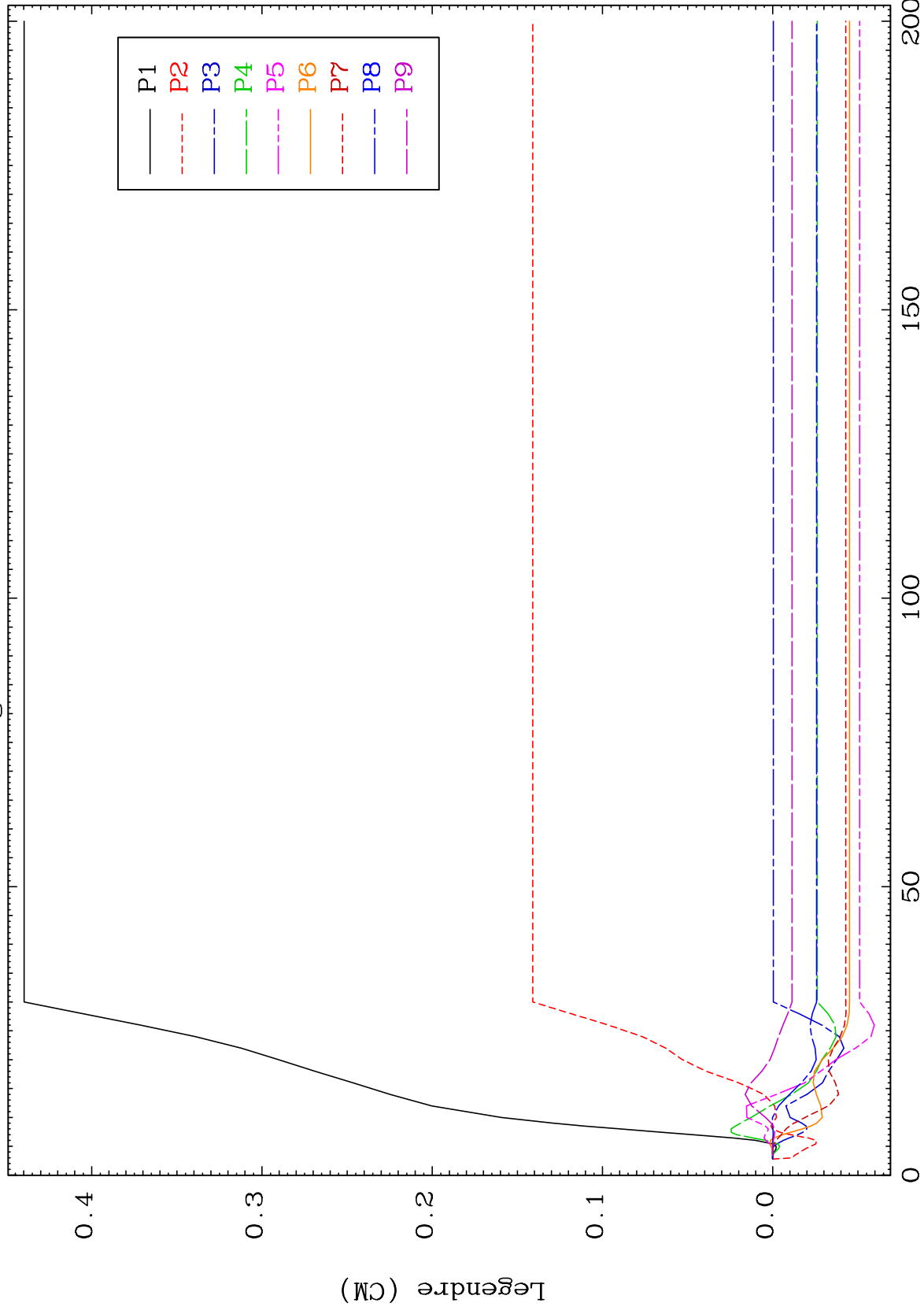




MAT 4661

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

46-Pd-114



122

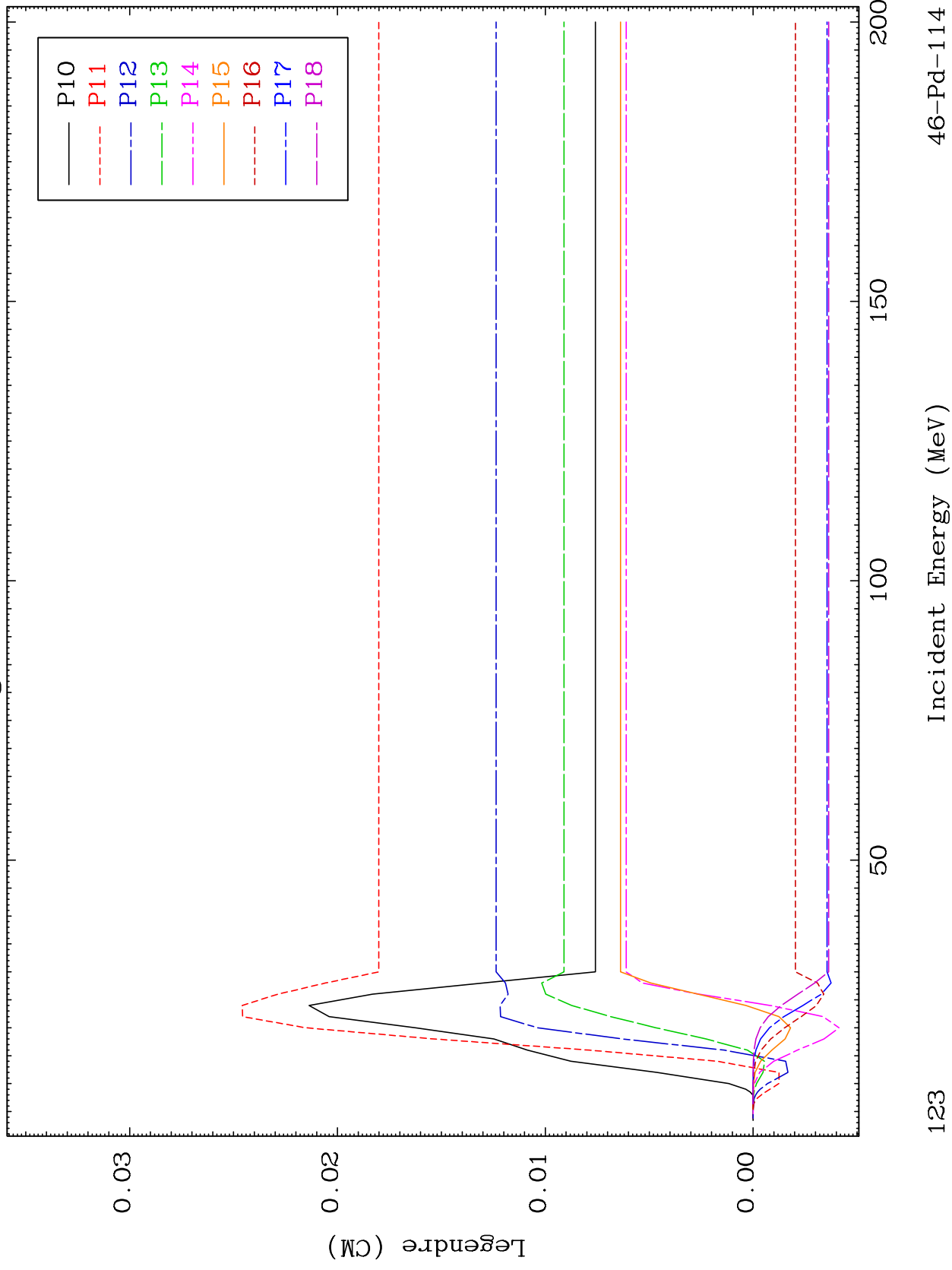
Incident Energy (MeV)

46-Pd-114

MAT 4661

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

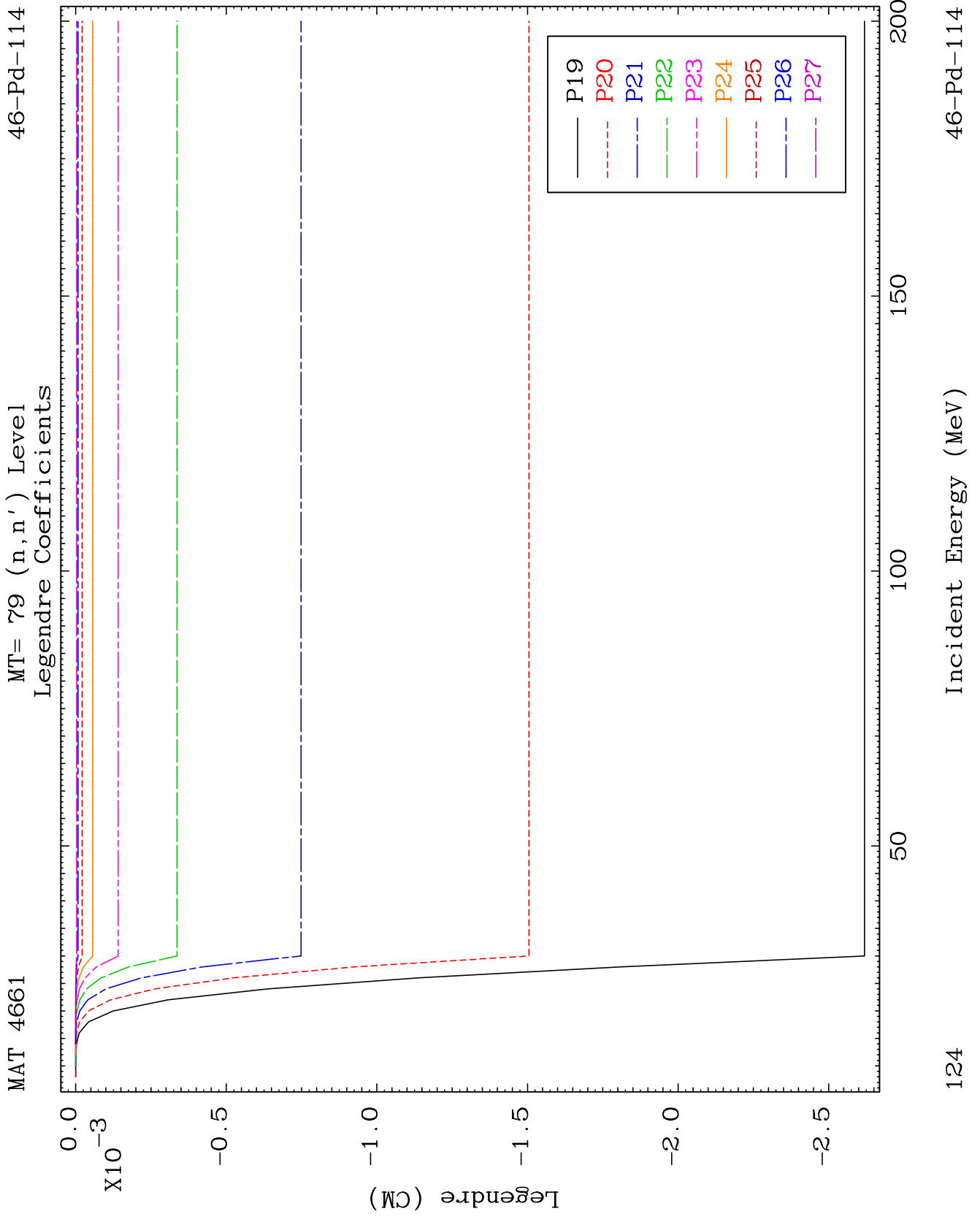
46-Pd-114

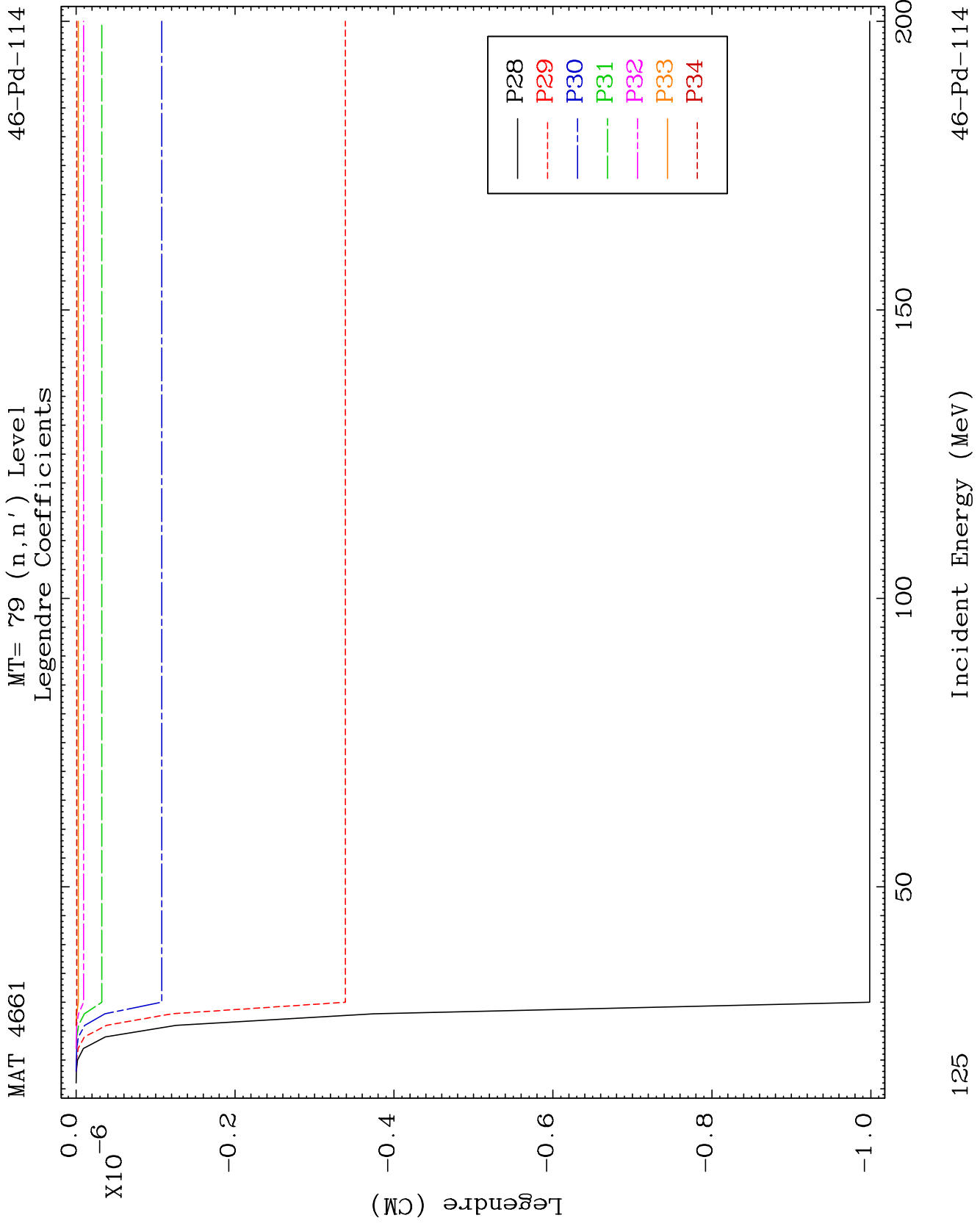


123

Incident Energy (MeV)

46-Pd-114

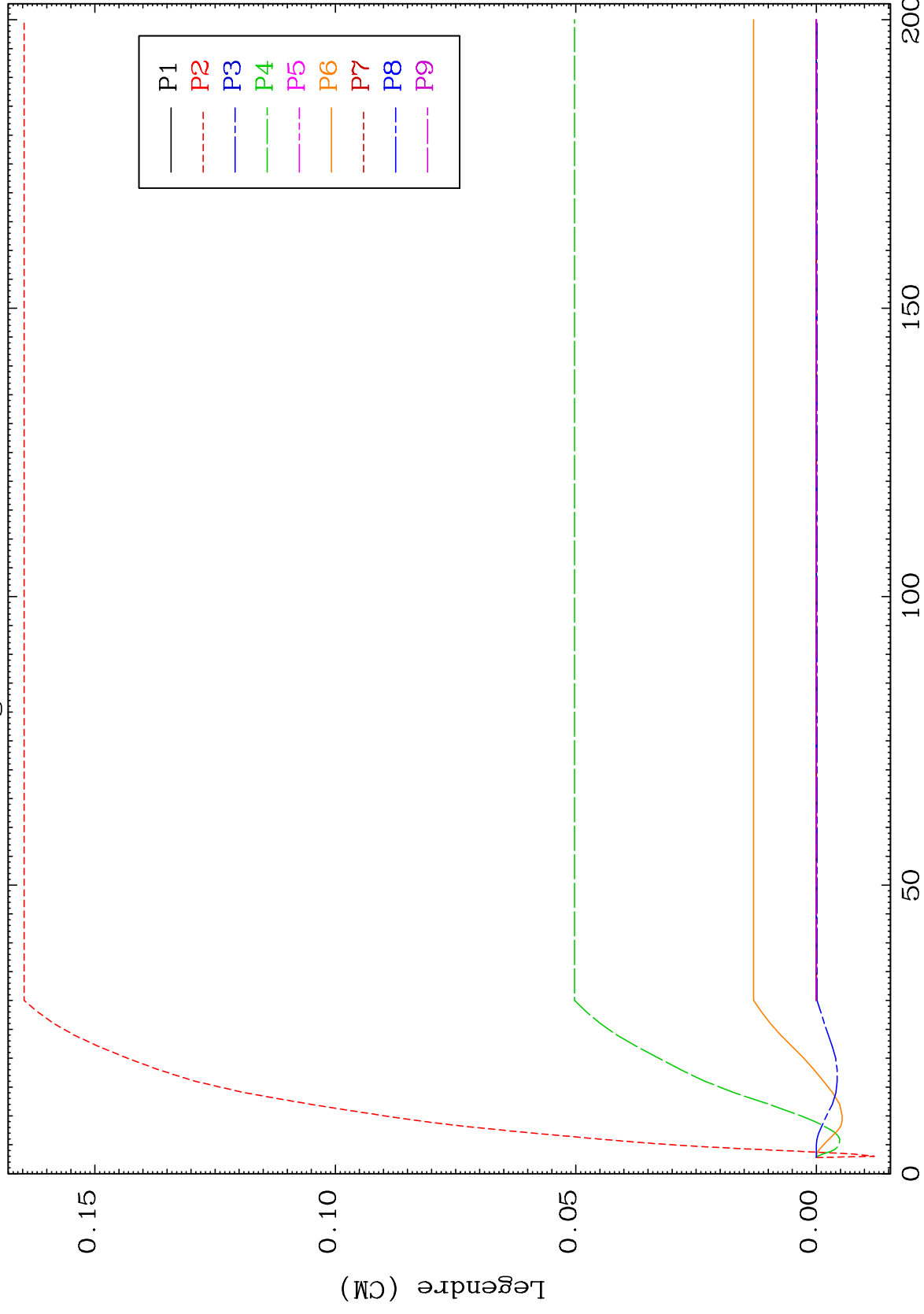




MAT 4661

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

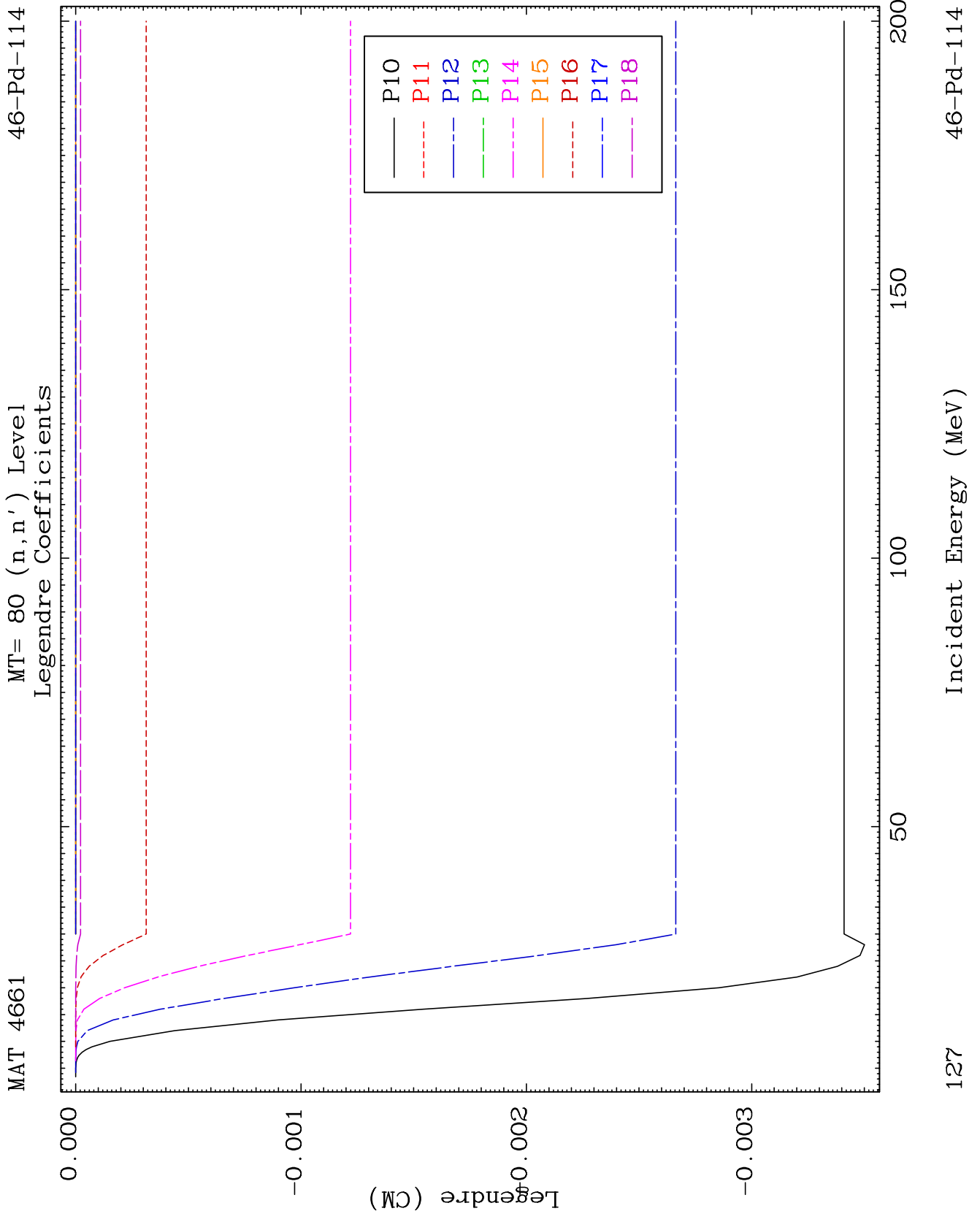
46-Pd-114

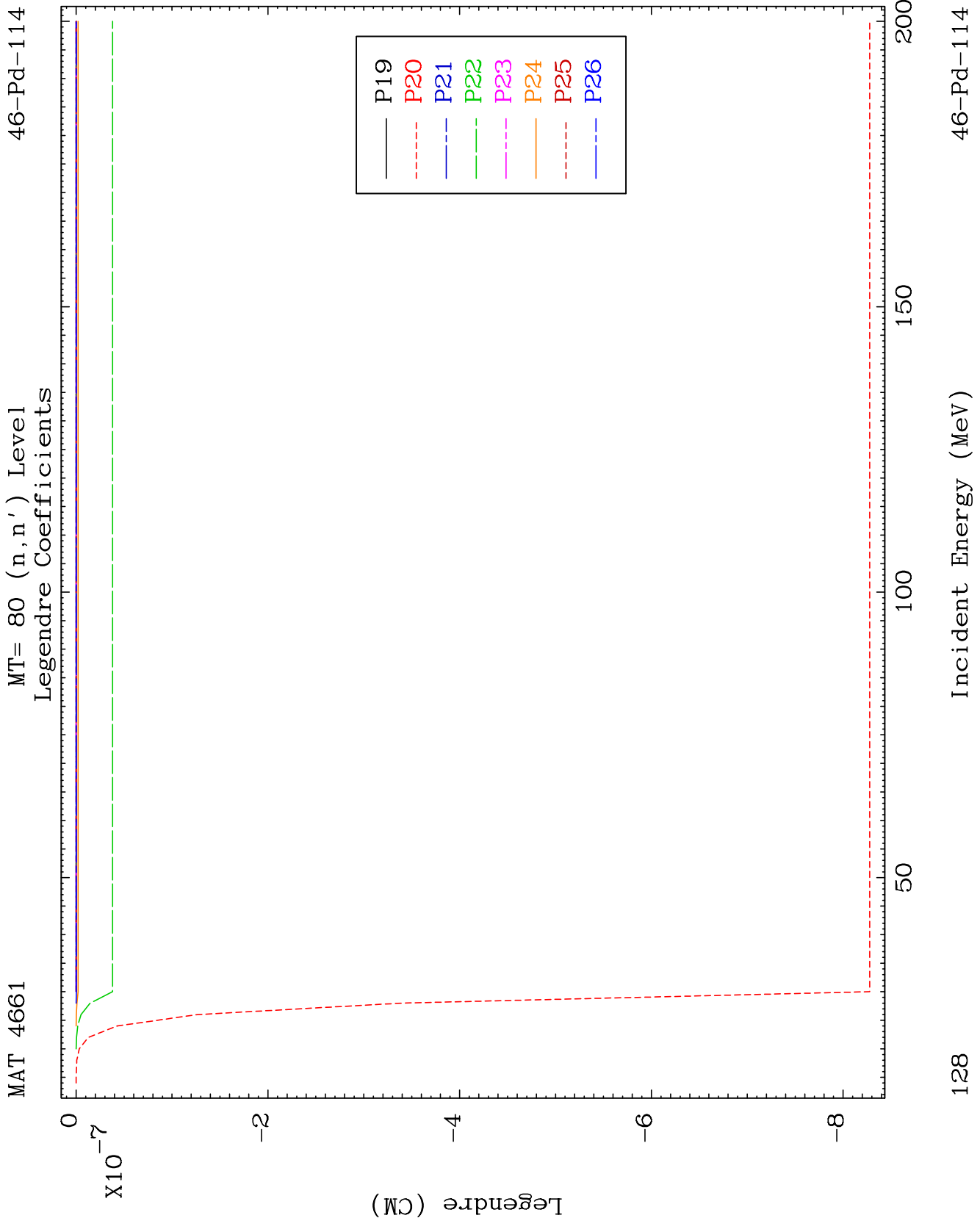


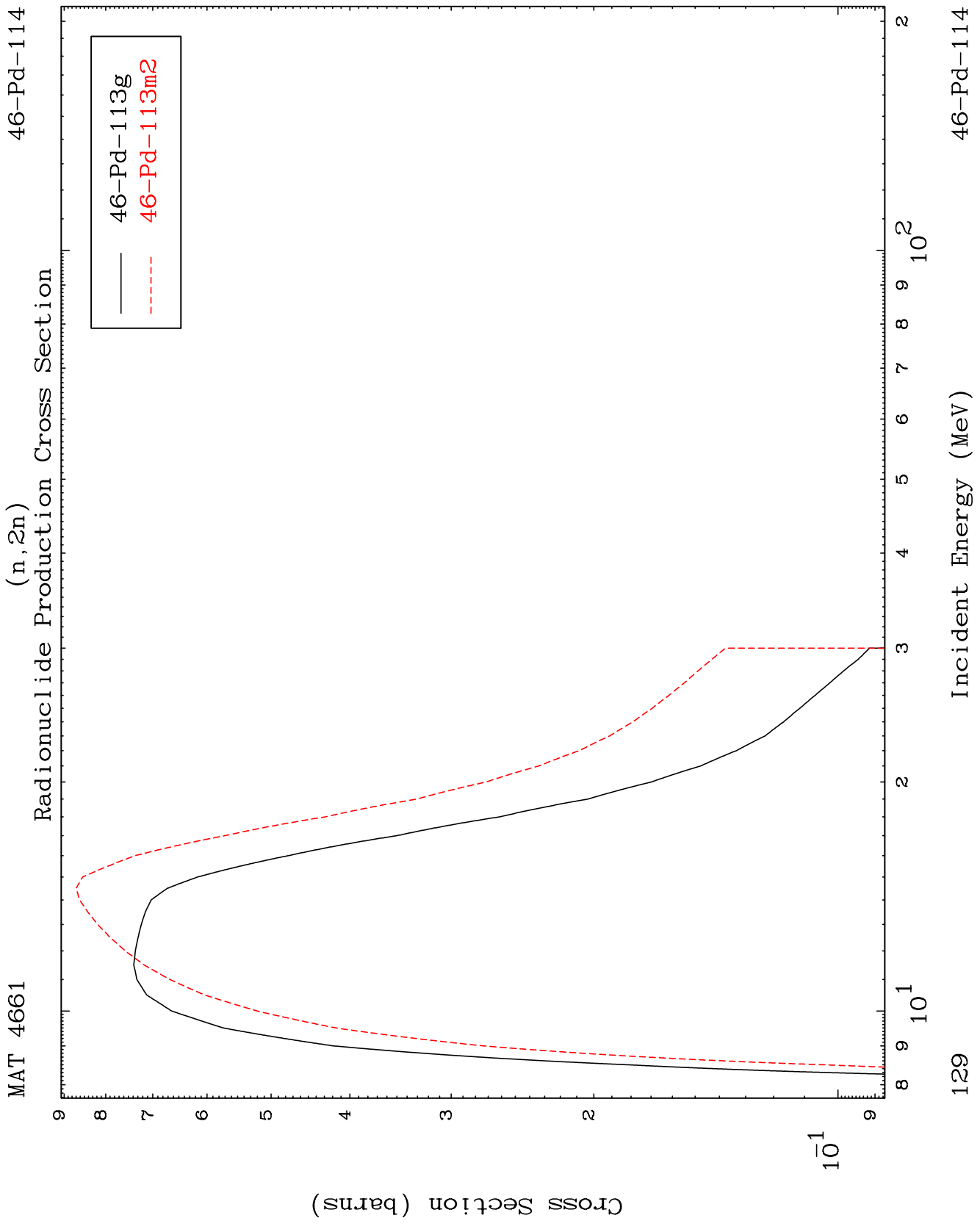
126

Incident Energy (MeV)

46-Pd-114





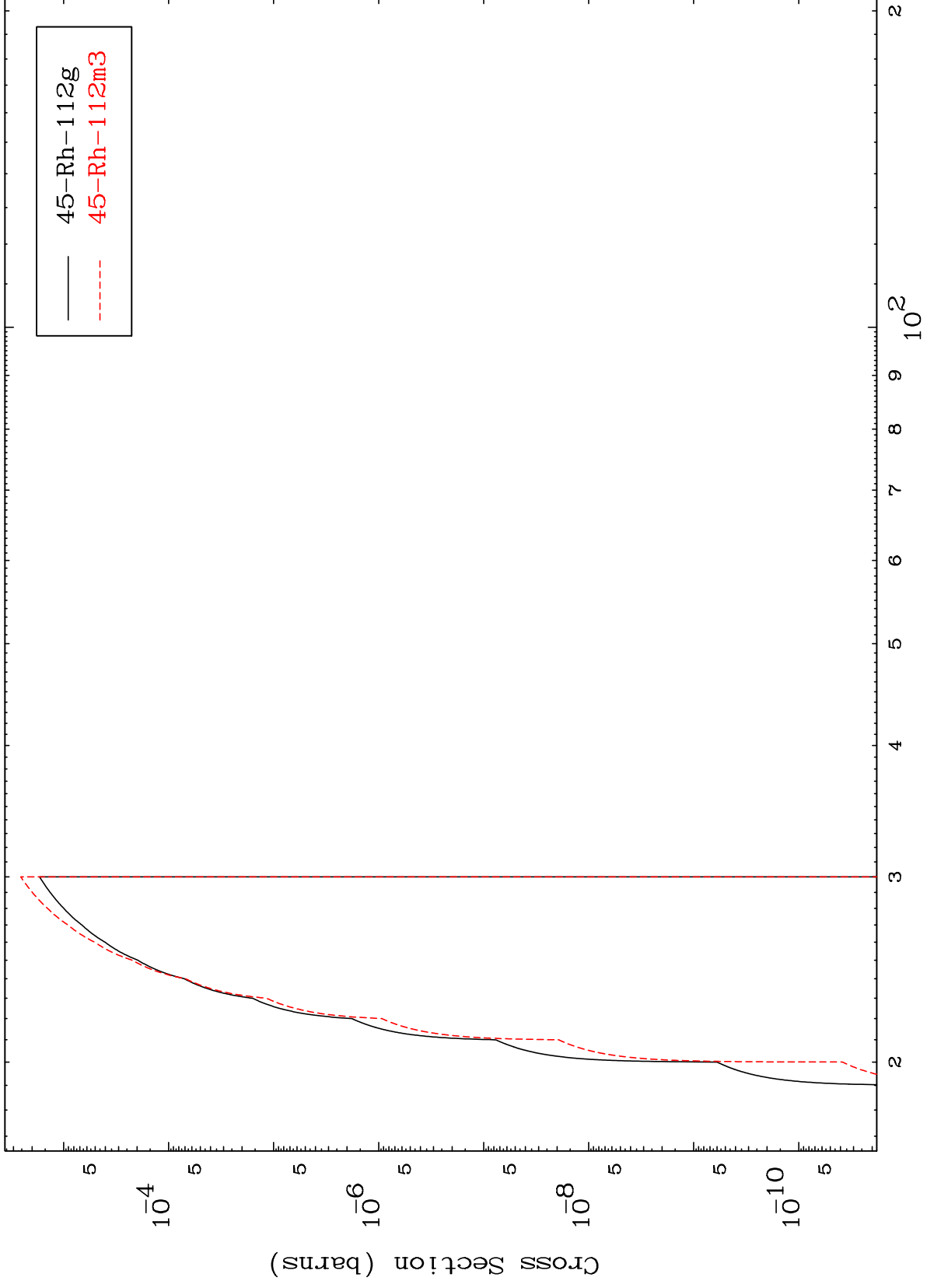


MAT 4661

(n,n') d

46-Pd-114

Radionuclide Production Cross Section



130

Incident Energy (MeV)

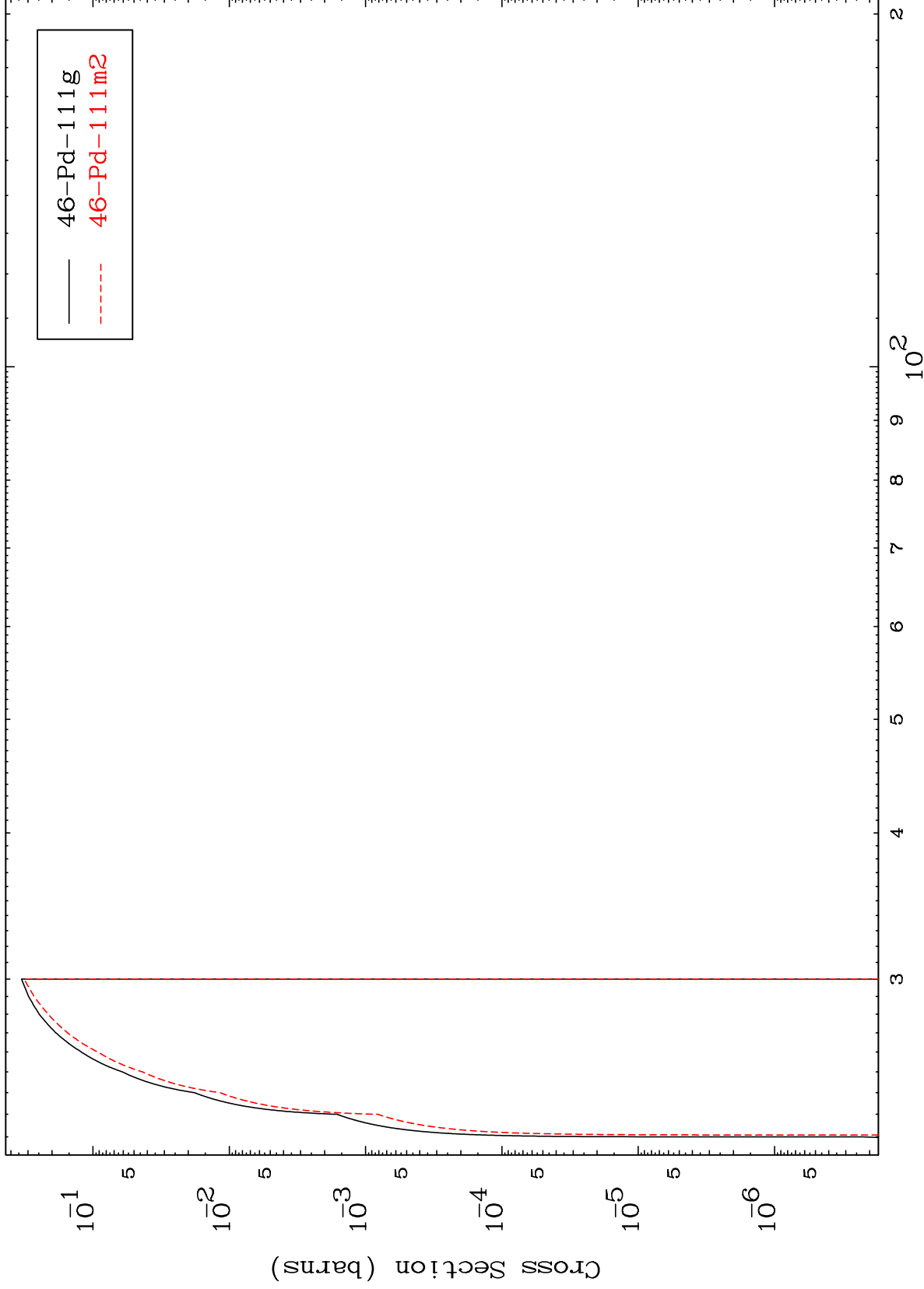
46-Pd-114

MAT 4661

(n,4n)

46-Pd-114

Radionuclide Production Cross Section



131

Incident Energy (MeV)

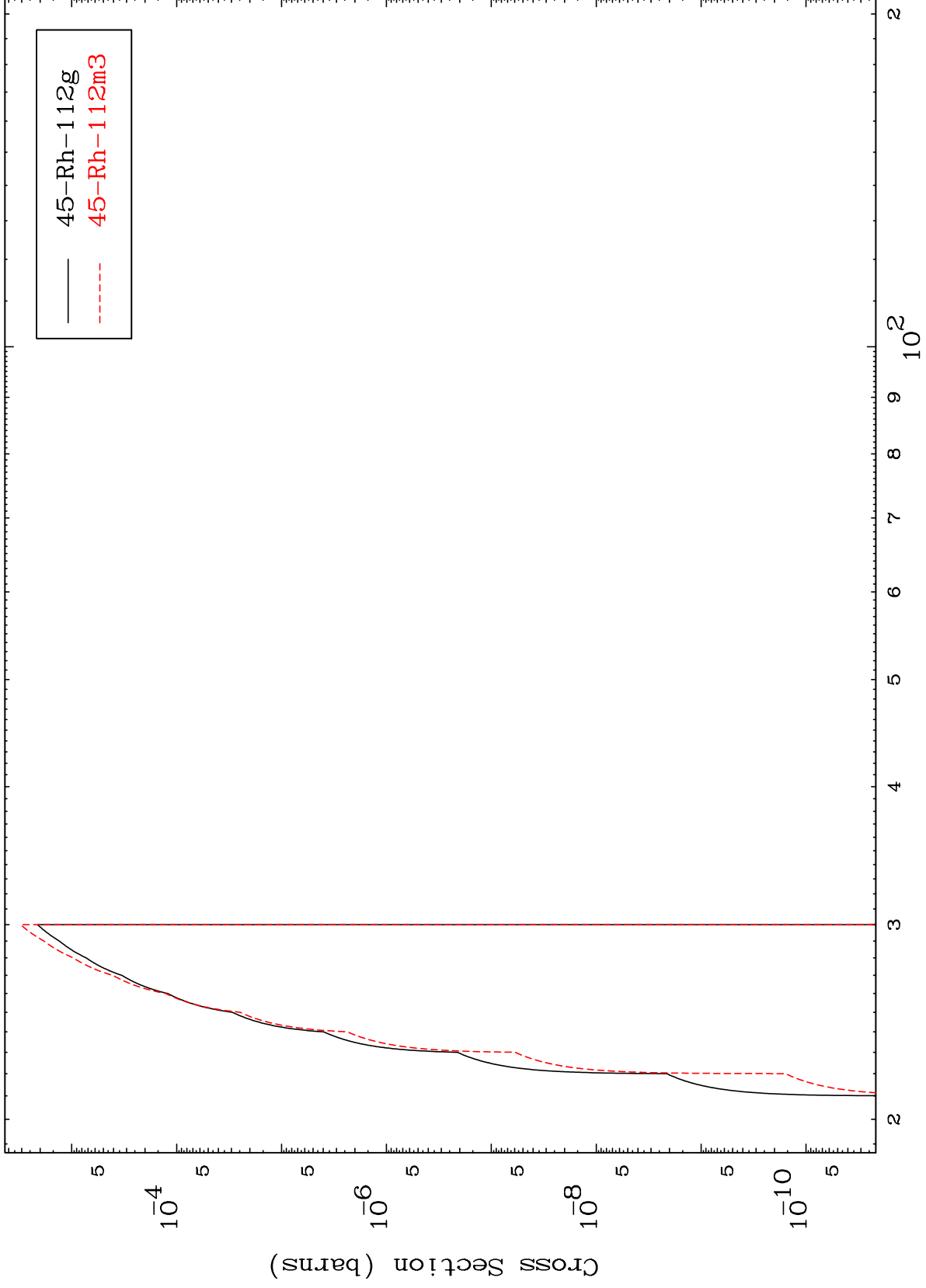
46-Pd-114

MAT 4661

(n,2n) p

46-Pd-114

Radionuclide Production Cross Section



132

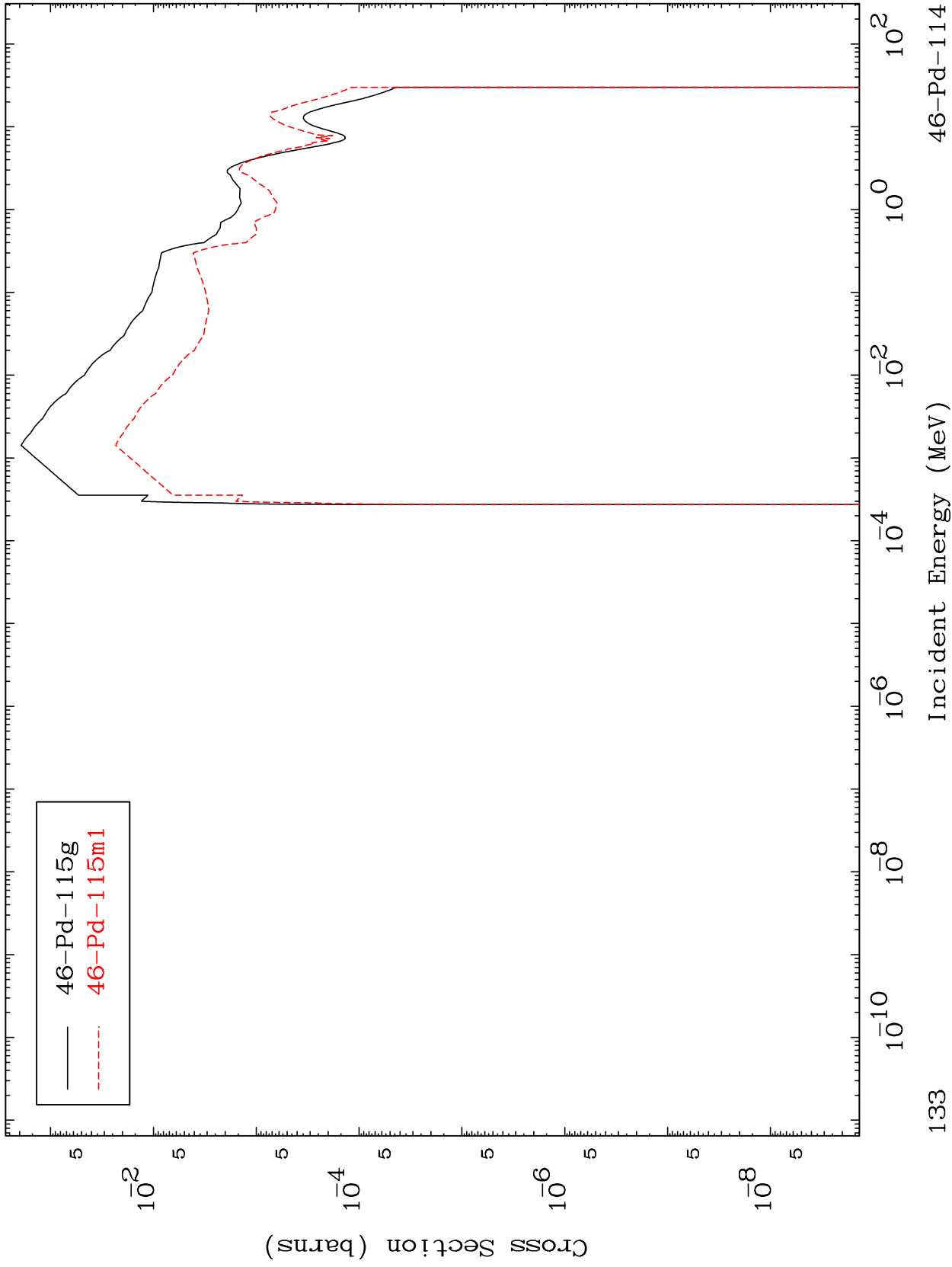
Incident Energy (MeV)

46-Pd-114

MAT 4661

46-Pd-114

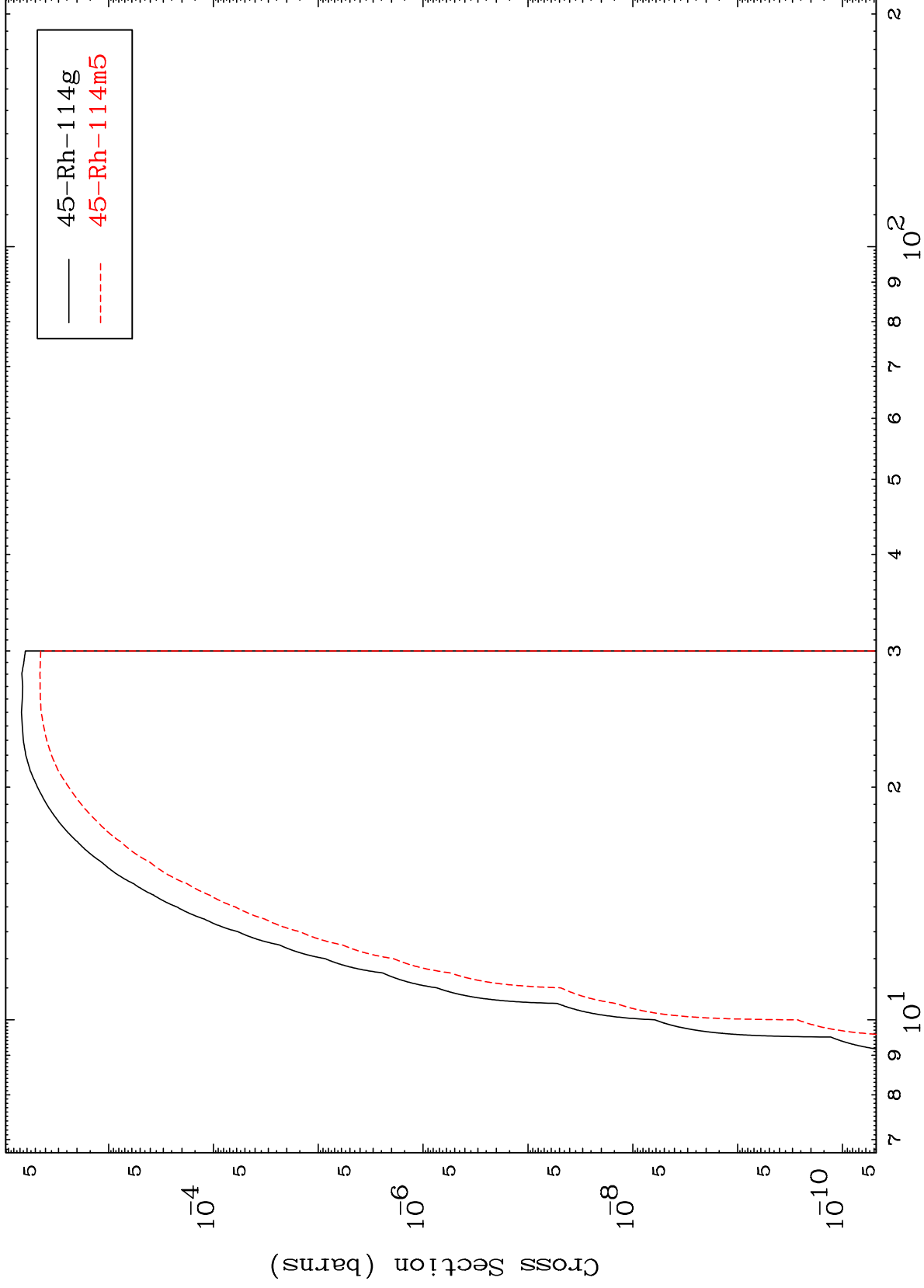
(n,γ)
Radionuclide Production Cross Section



MAT 4661

46-Pd-114

(n,p)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

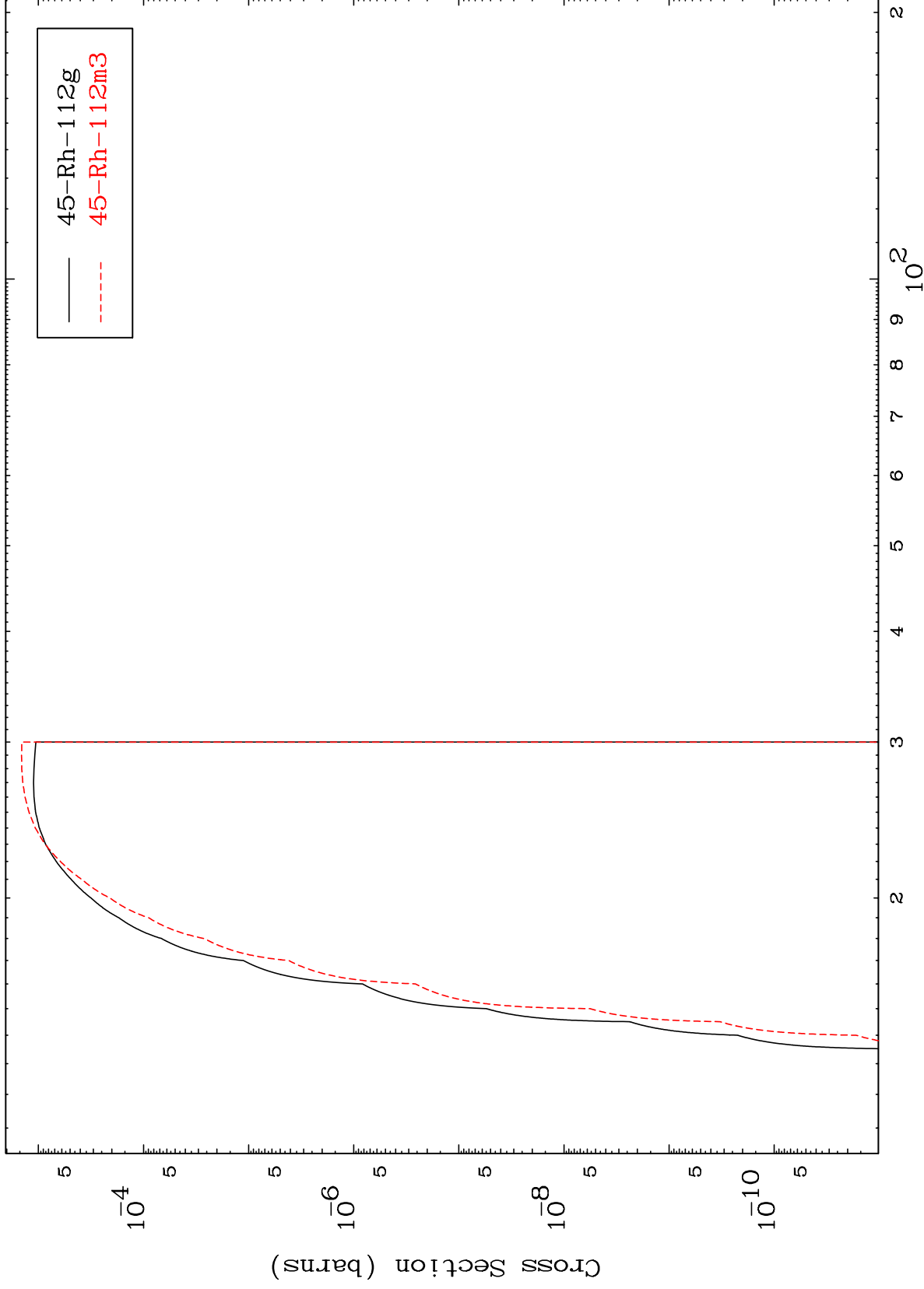
46-Pd-114

MAT 4661

(n,t)

46-Pd-114

Radionuclide Production Cross Section



135

Incident Energy (MeV)

46-Pd-114