

Program EVALPLOT  
(Version 2021-1)

by

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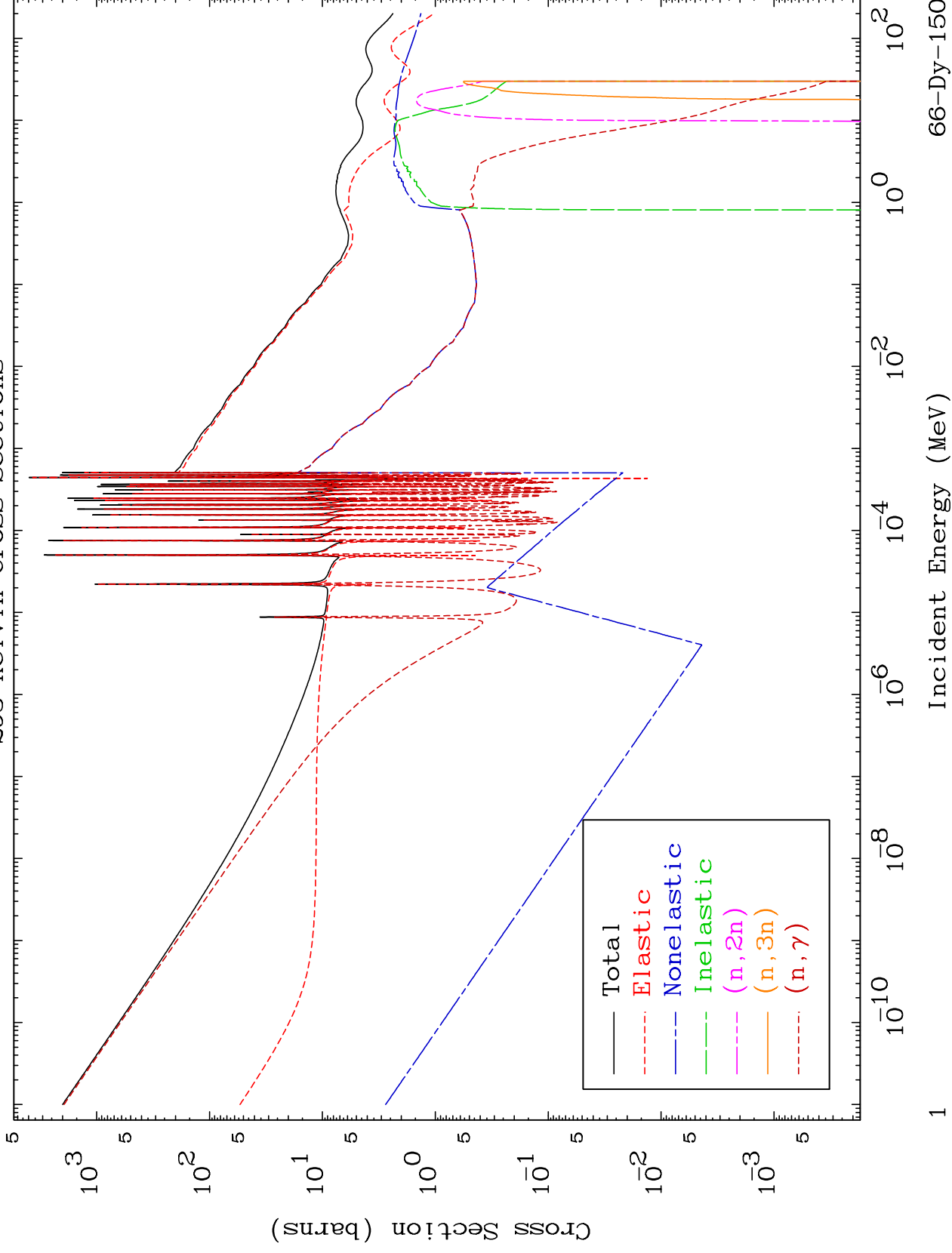
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Press Mouse Button to Start

MAT 6607

Neutron Major  
293 Kelvin Cross Sections

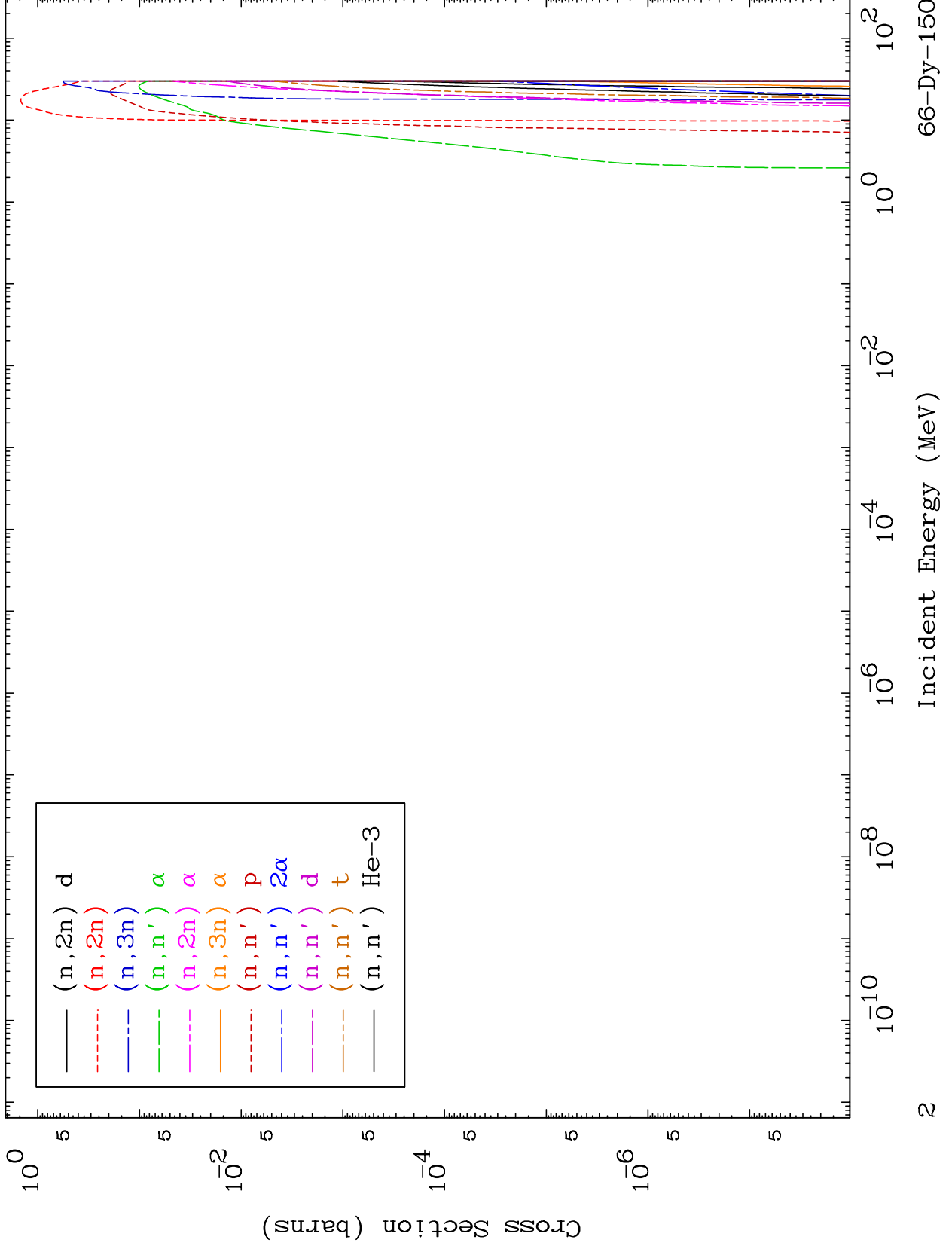
66-Dy-150



MAT 6607

Neutron Absorption  
293 Kelvin Cross Sections

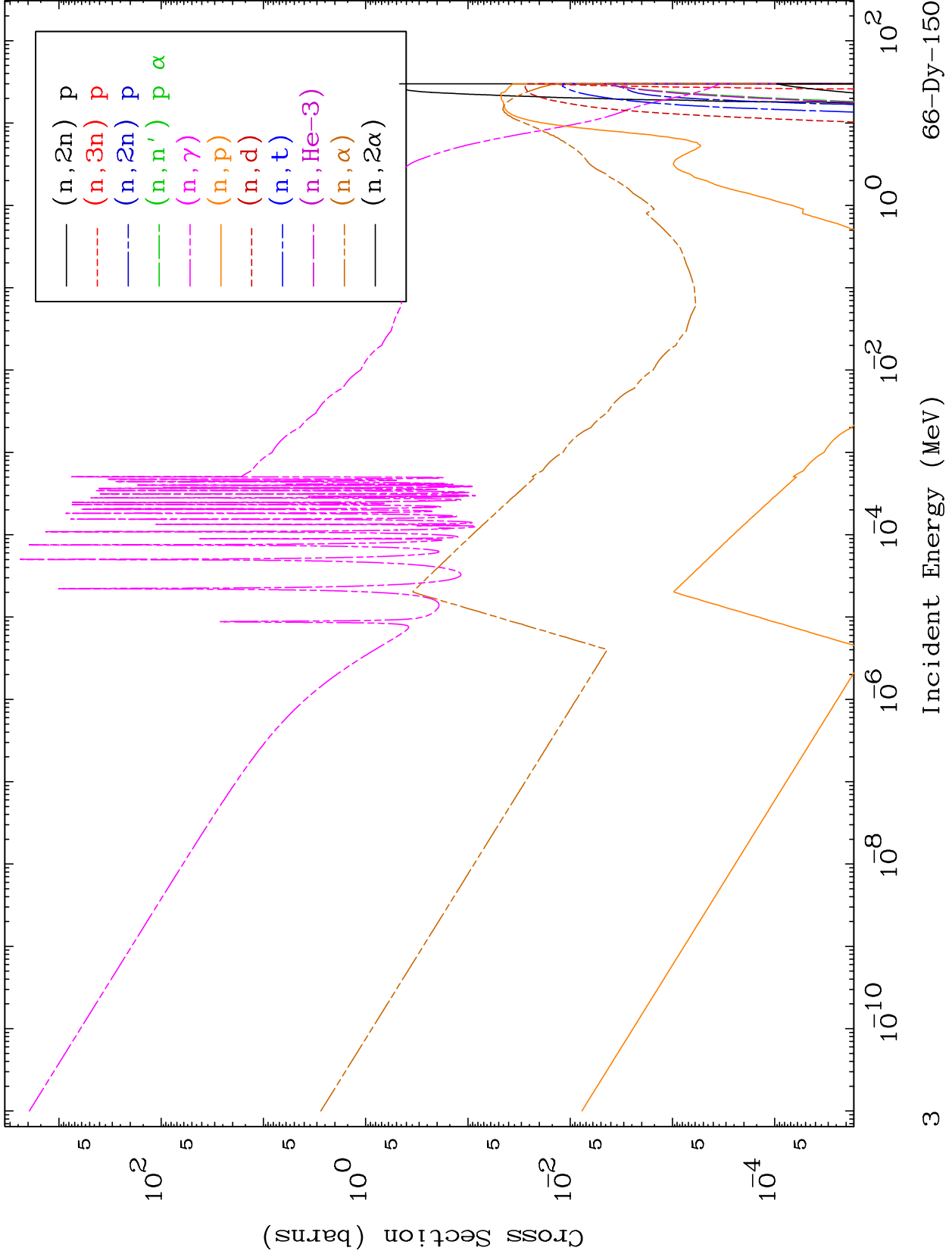
66-Dy-150



MAT 6607

Neutron Absorption  
293 Kelvin Cross Sections

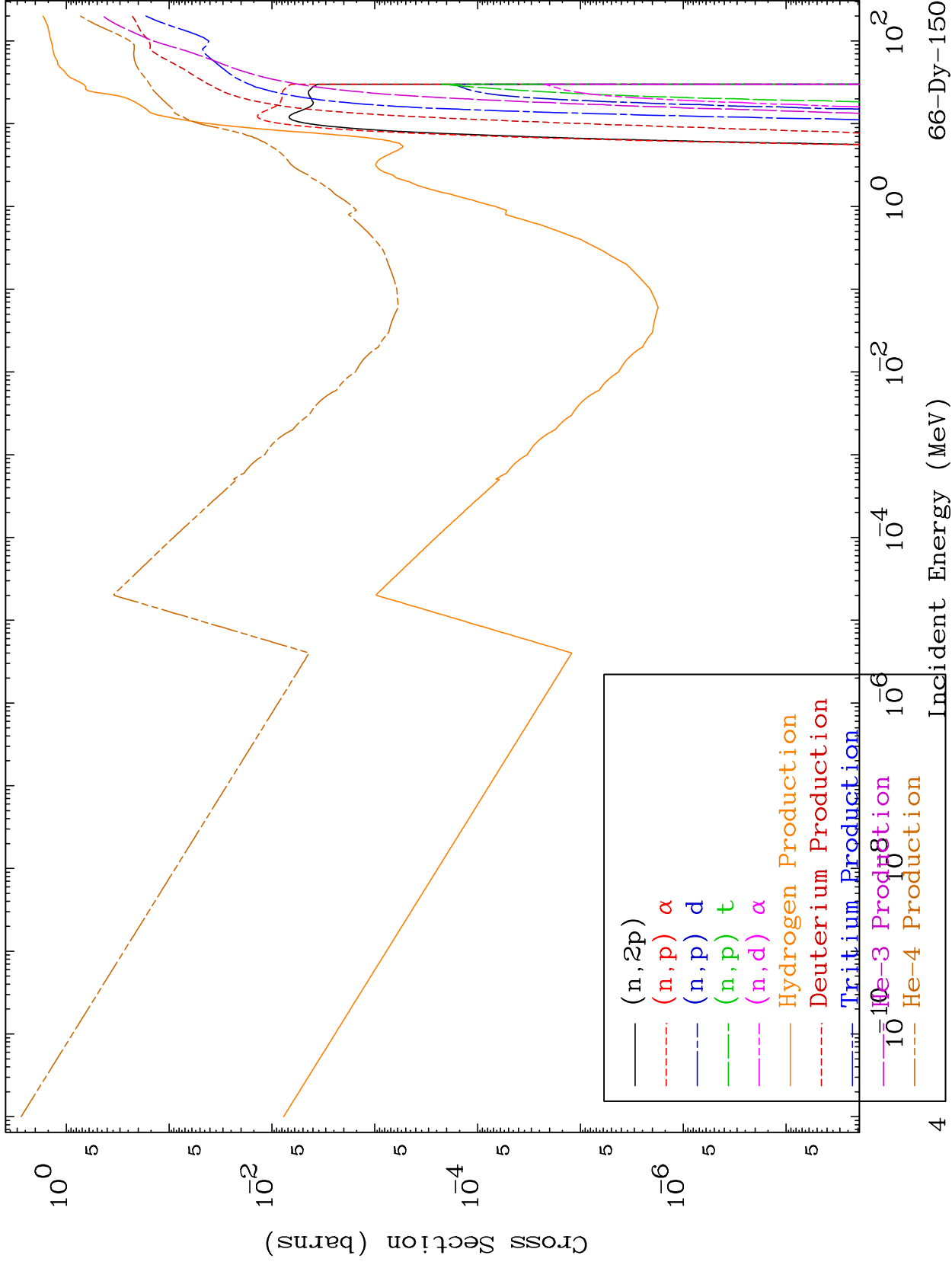
66-Dy-150



MAT 6607

Neutron Absorption  
293 Kelvin Cross Sections

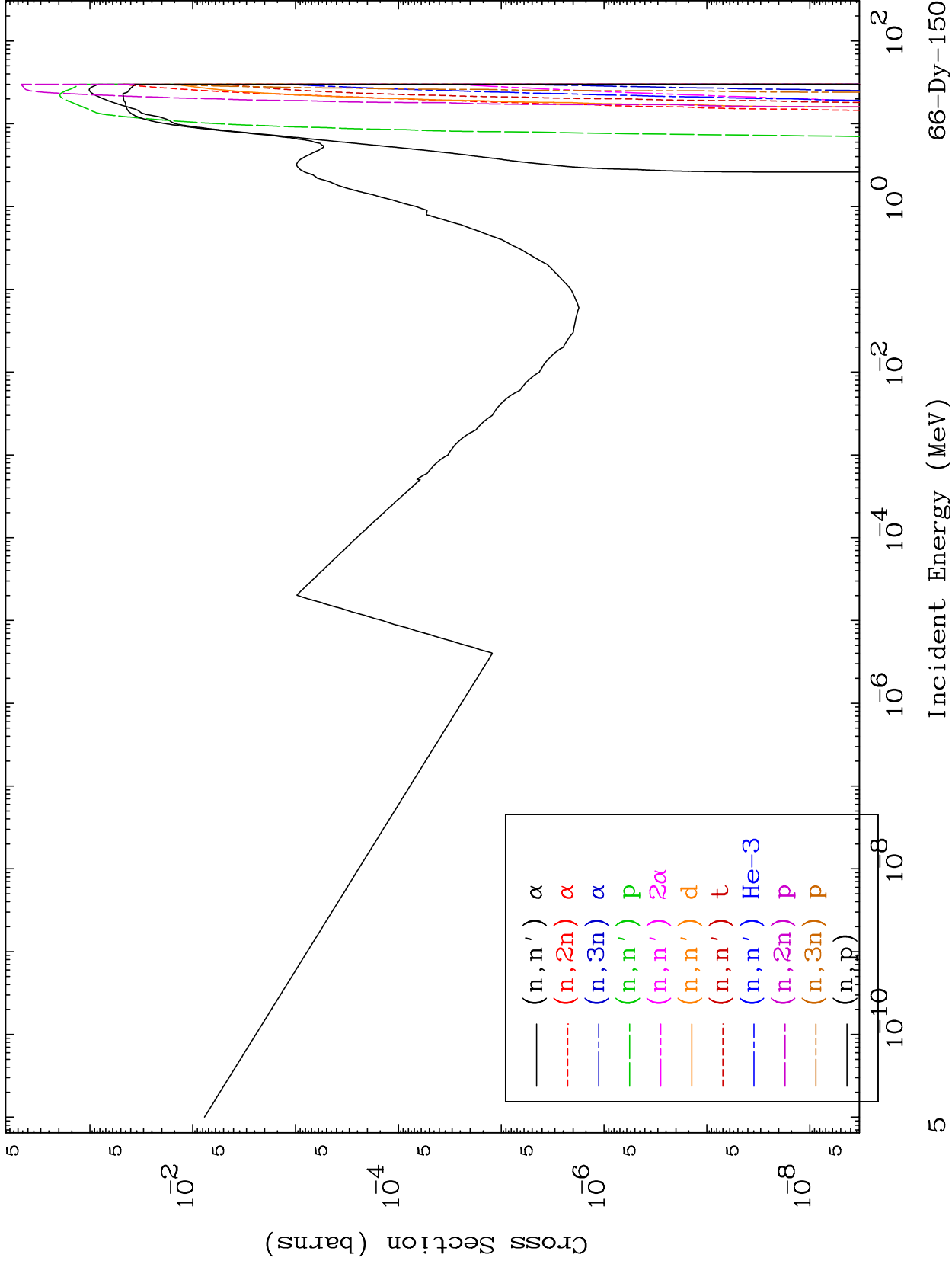
66-Dy-150



MAT 6607

Charged Particle  
293 Kelvin Cross Sections

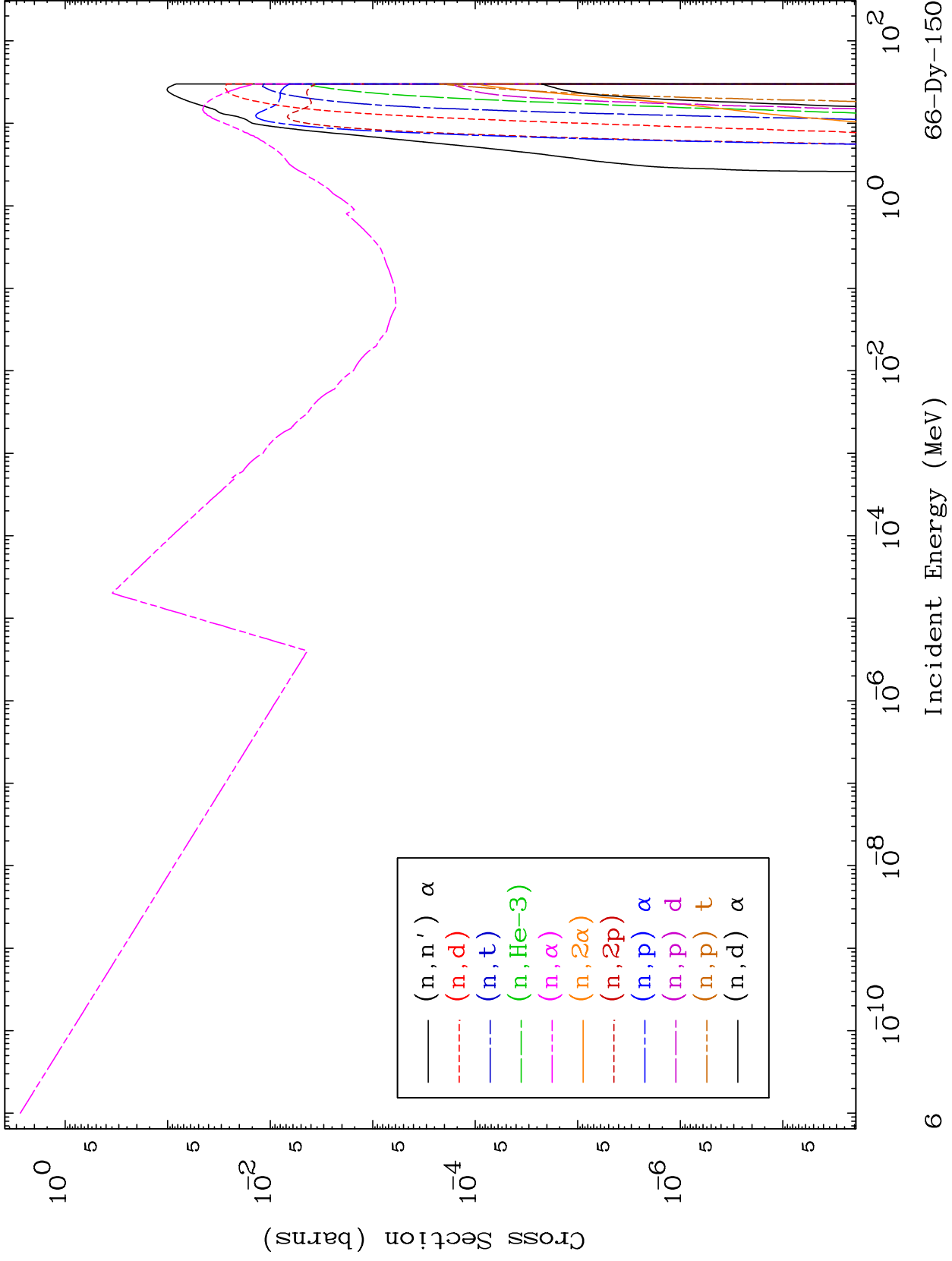
66-Dy-150



MAT 6607

Charged Particle  
293 Kelvin Cross Sections

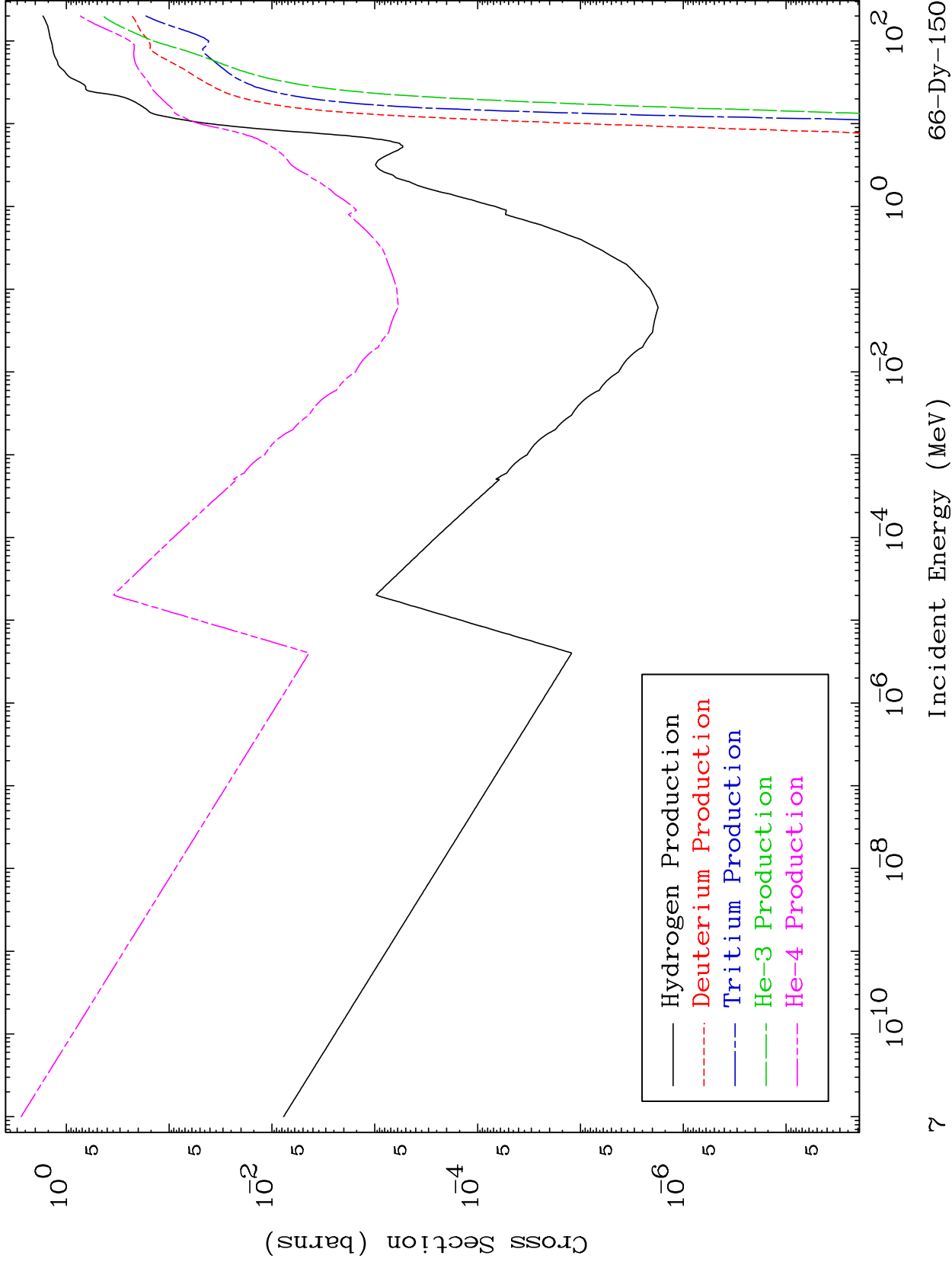
66-Dy-150



MAT 6607

Particle Production  
293 Kelvin Cross Sections

66-Dy-150



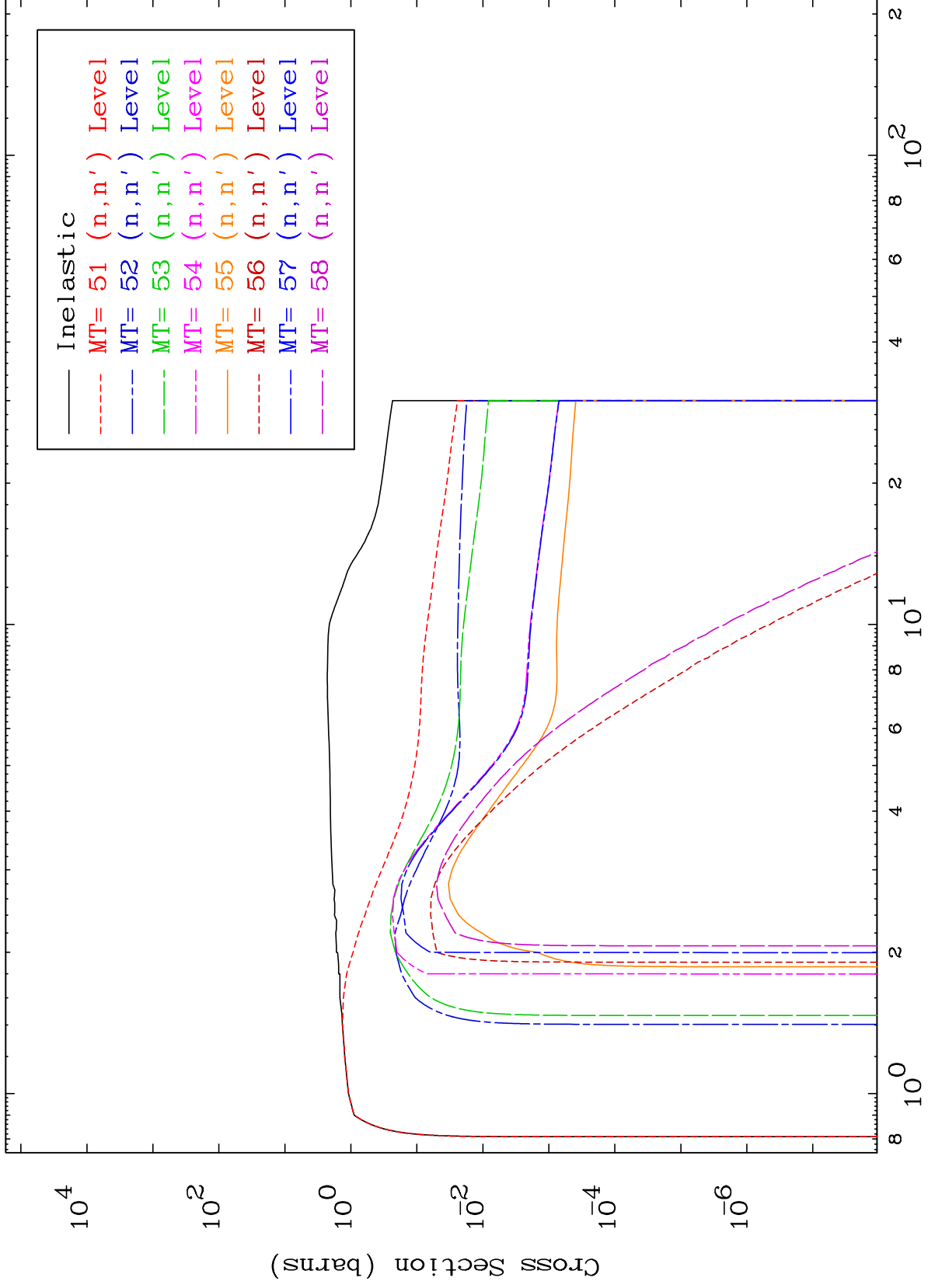


MAT 6607

(n,n') Levels

66-Dy-150

293 Kelvin Cross Sections



Incident Energy (MeV)

66-Dy-150

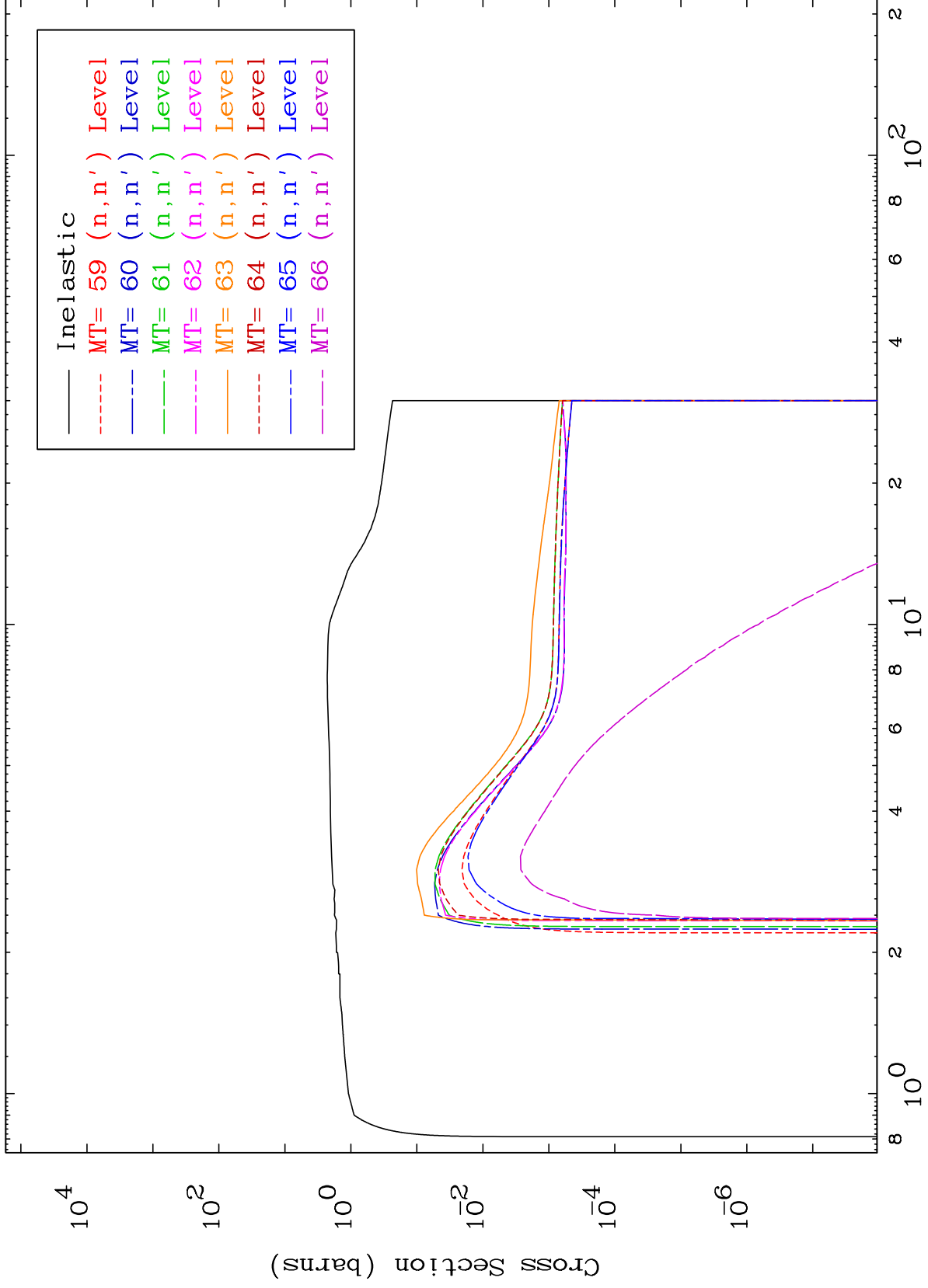
8

MAT 6607

(n,n') Levels

66-Dy-150

293 Kelvin Cross Sections



9

Incident Energy (MeV)

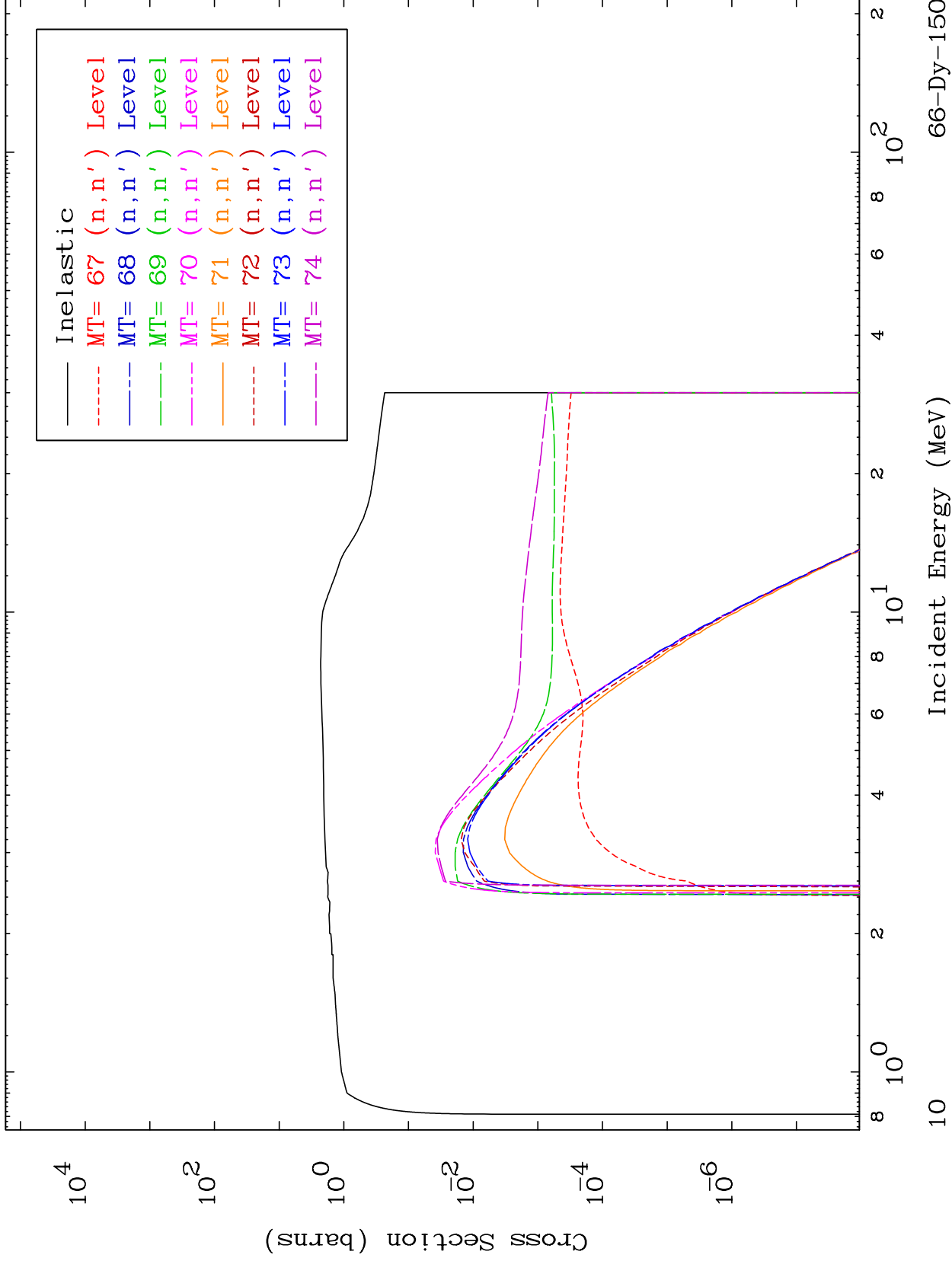
66-Dy-150

MAT 6607

(n,n') Levels

66-Dy-150

293 Kelvin Cross Sections



Incident Energy (MeV)

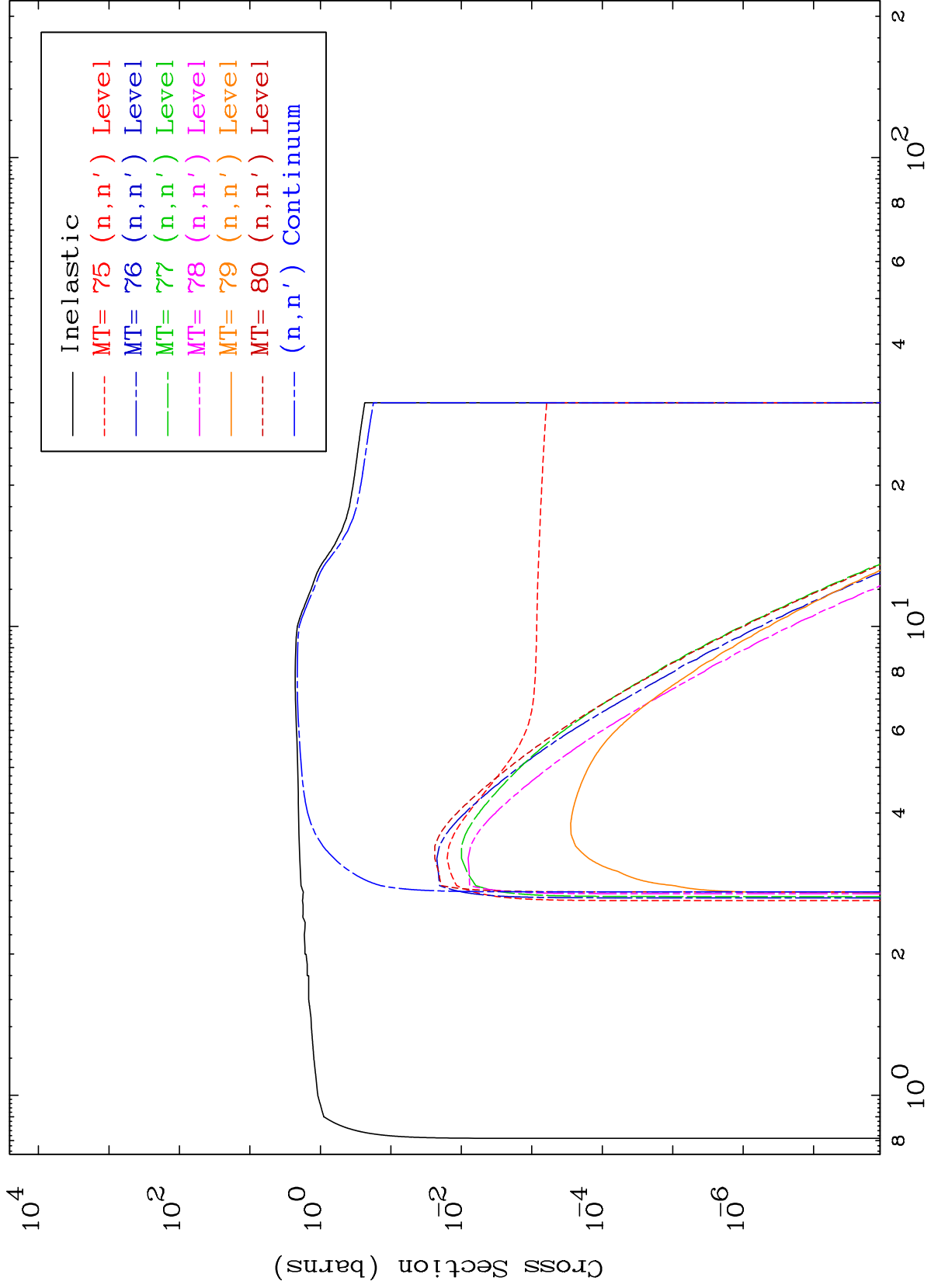
66-Dy-150

MAT 6607

(n,n') Levels

293 Kelvin Cross Sections

66-Dy-150



11

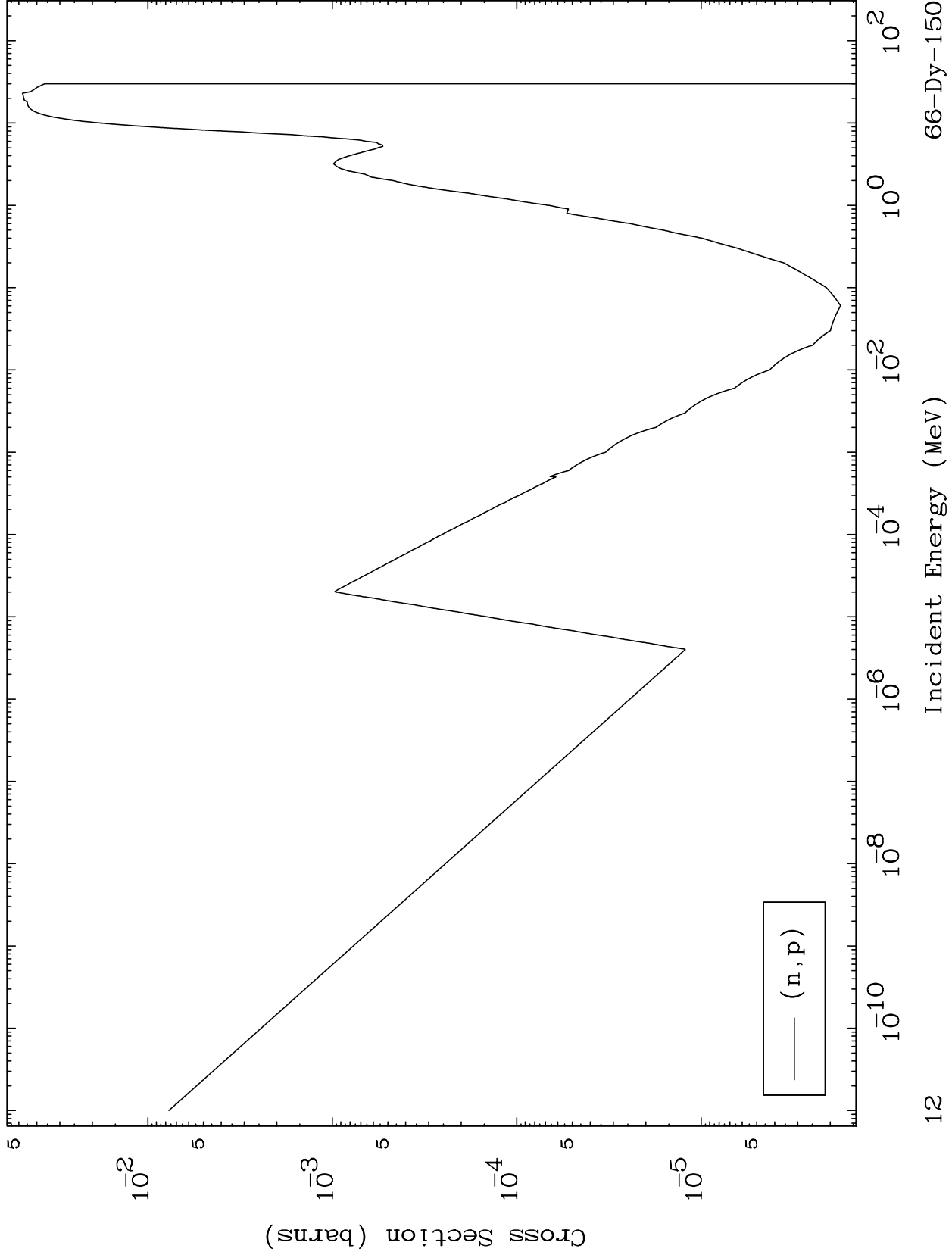
Incident Energy (MeV)

66-Dy-150

MAT 6607

(n,p) Levels  
293 Kelvin Cross Sections

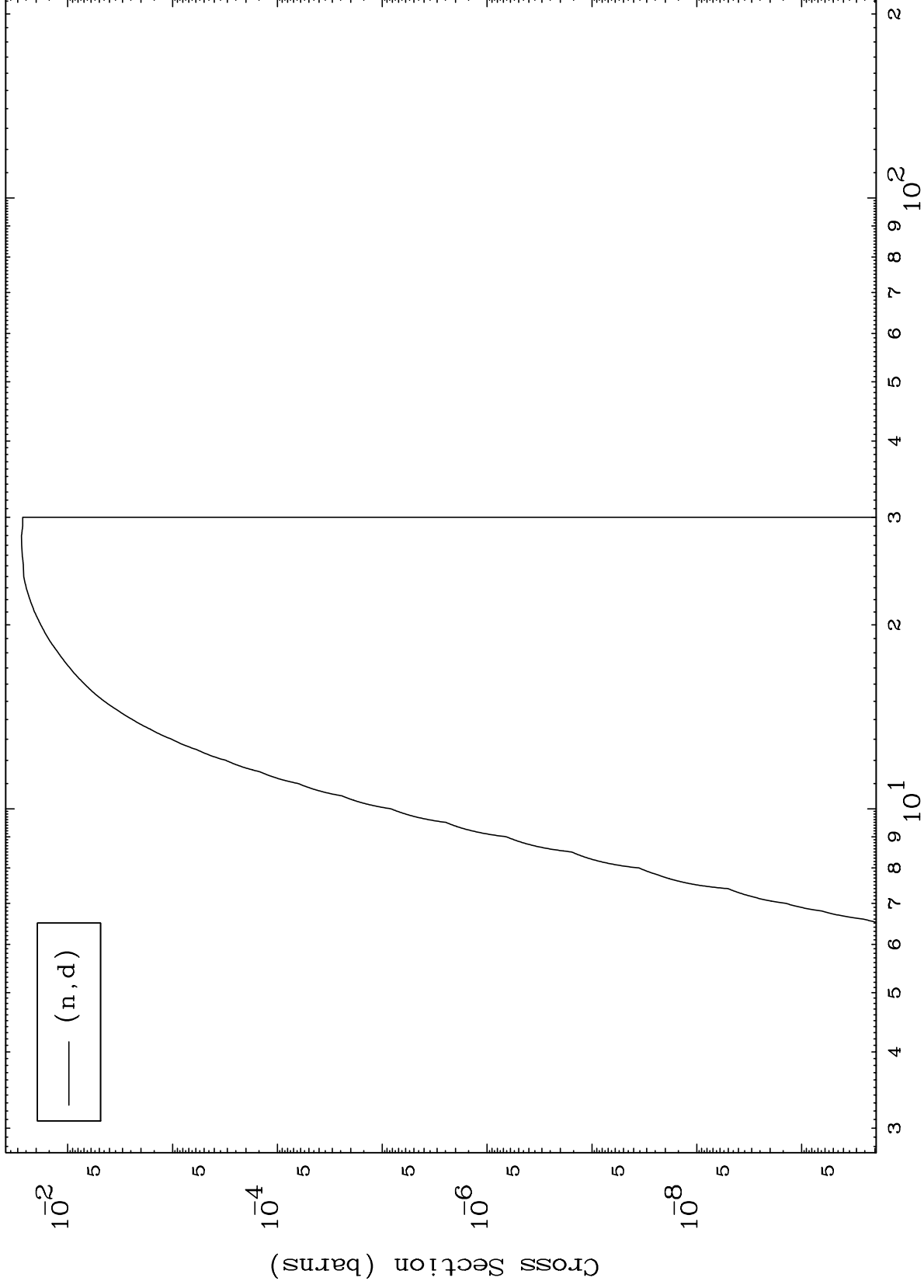
66-Dy-150



MAT 6607

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-150



13

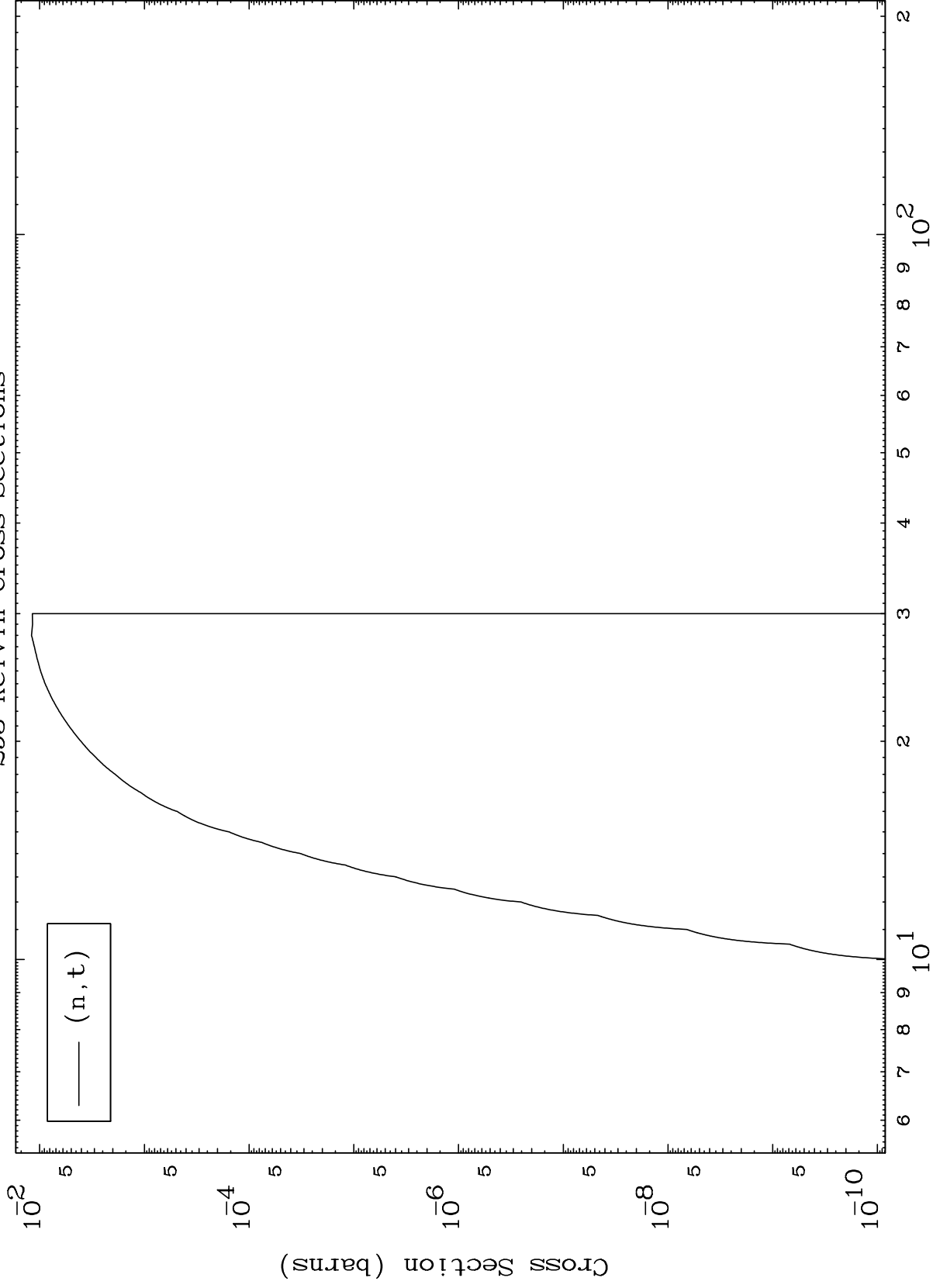
Incident Energy (MeV)

66-Dy-150

MAT 6607

(n, t) Levels  
293 Kelvin Cross Sections

66-Dy-150



14

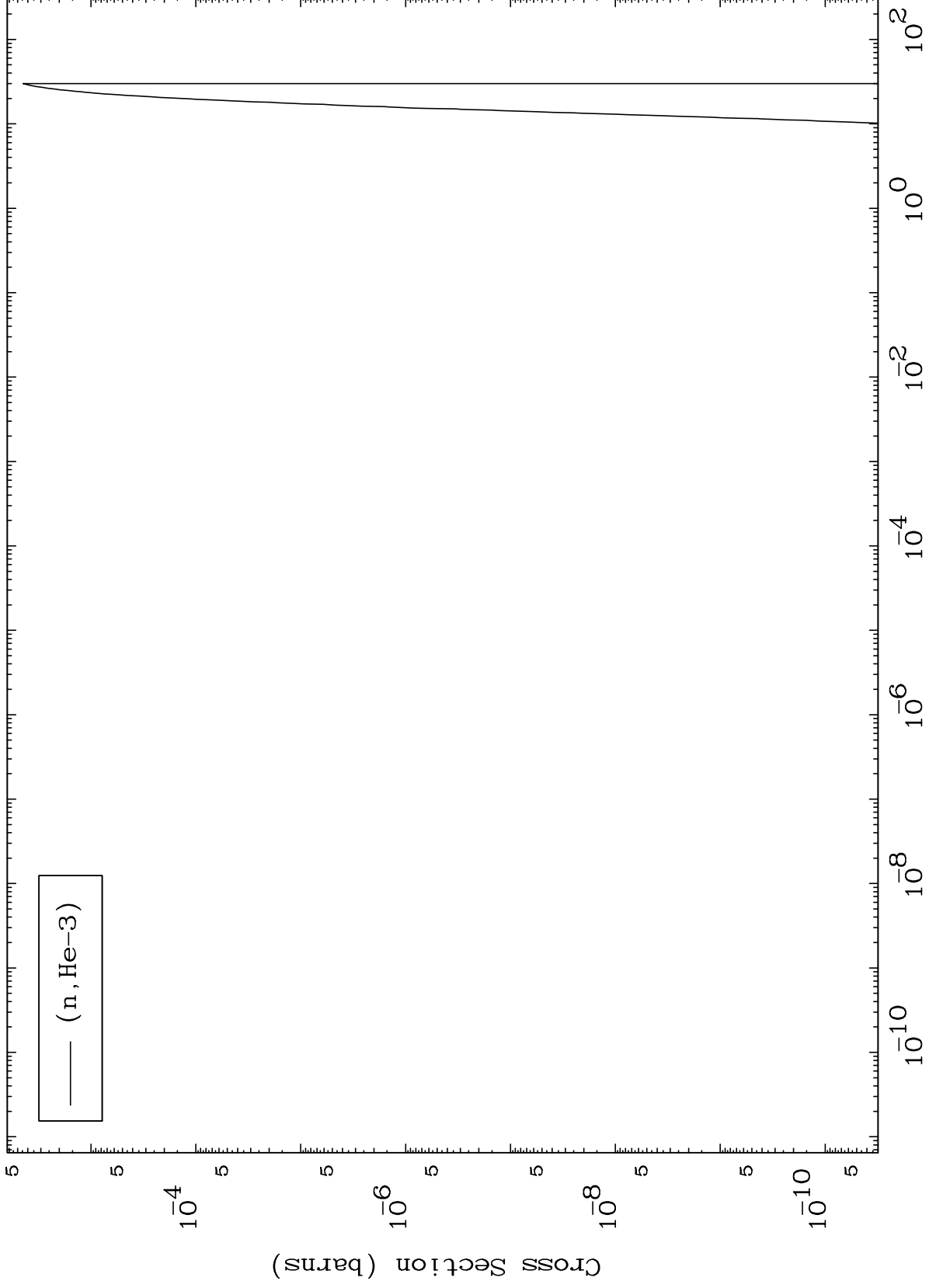
Incident Energy (MeV)

66-Dy-150

MAT 6607

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-150



15

Incident Energy (MeV)

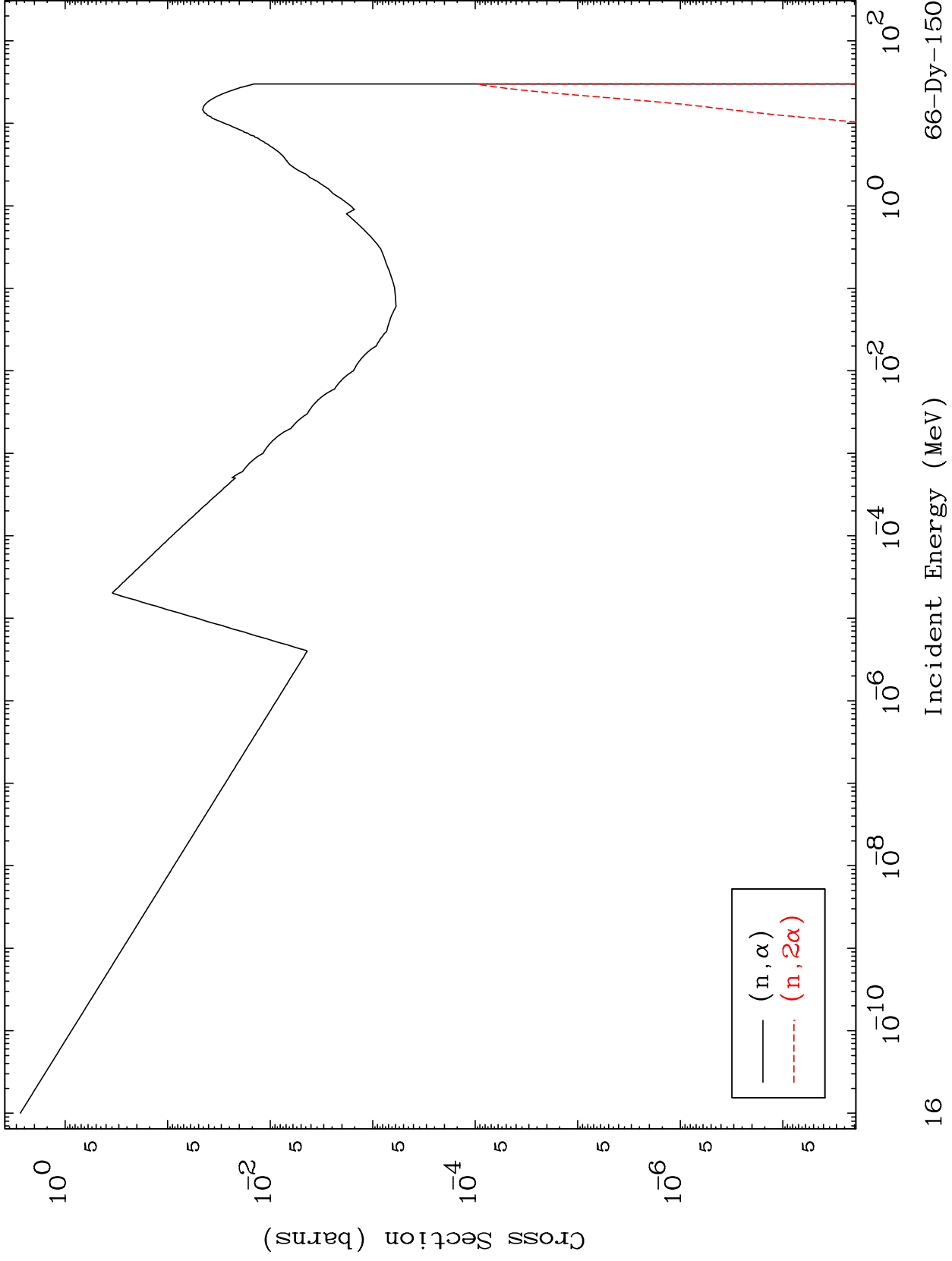
66-Dy-150



MAT 6607

(n,α) Levels  
293 Kelvin Cross Sections

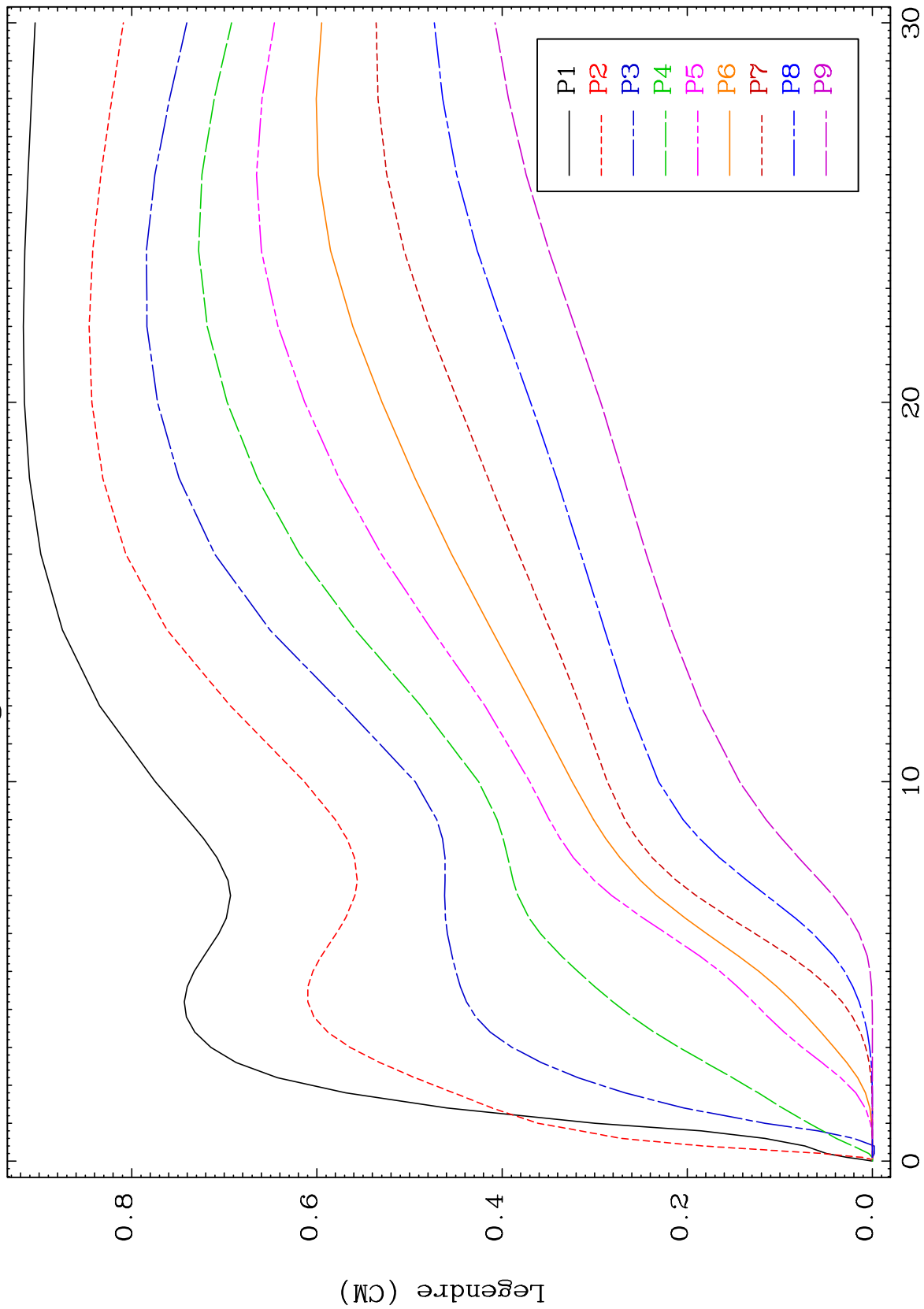
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MAT 6607

Elastic Legendre Coefficients

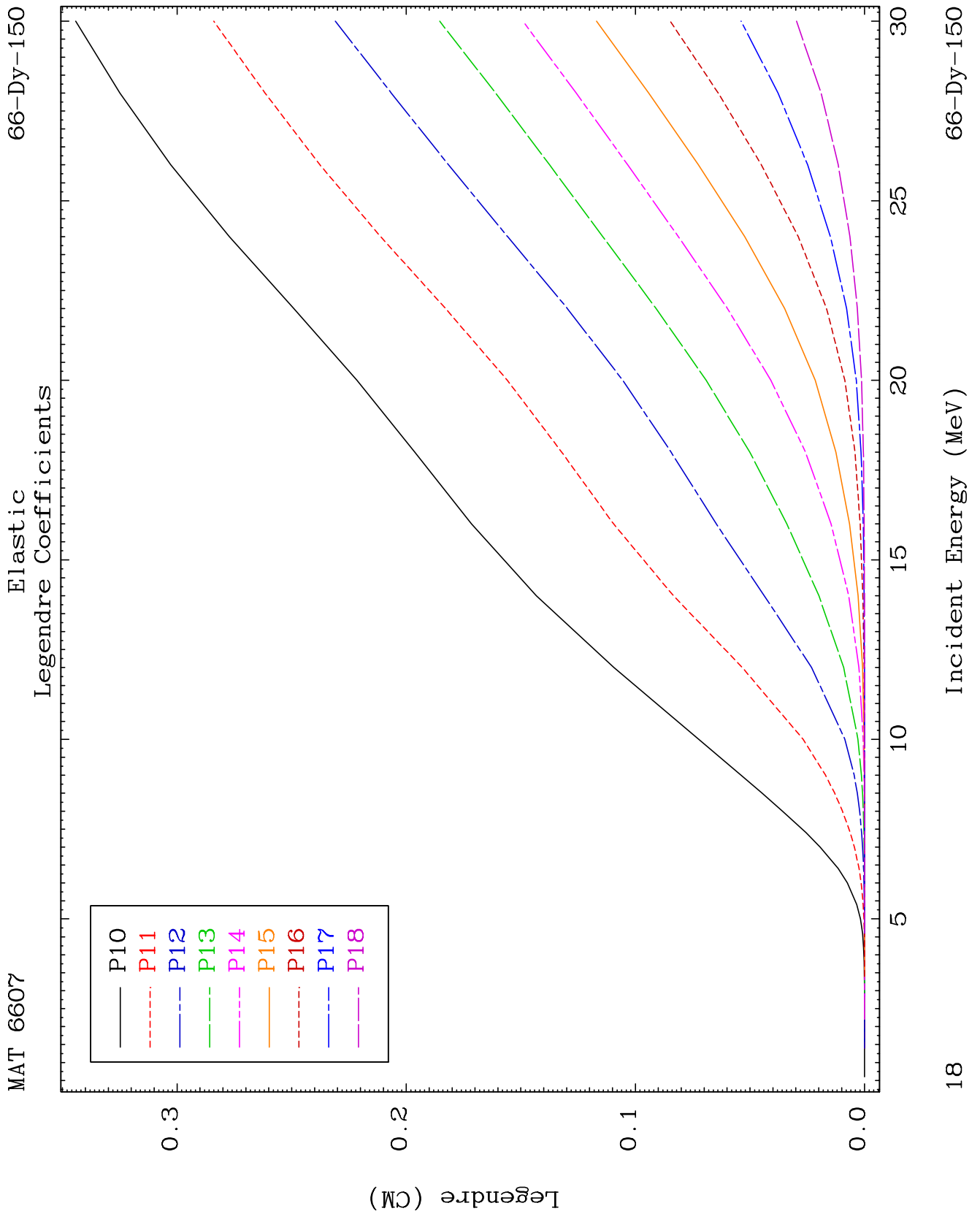
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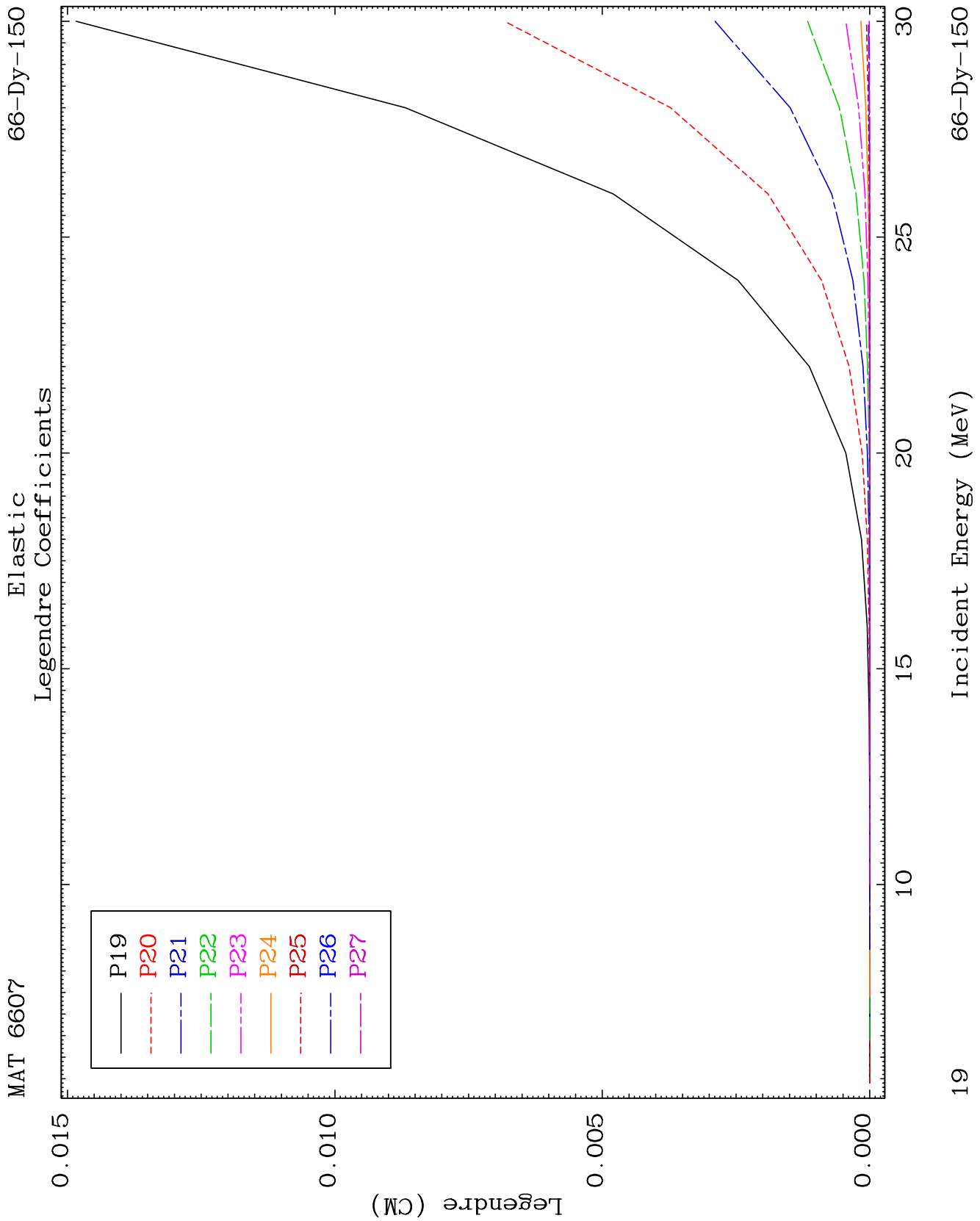


17

Incident Energy (MeV)

66-Dy-150





MAT 6607

Elastic Legendre Coefficients

66-Dy-150

19

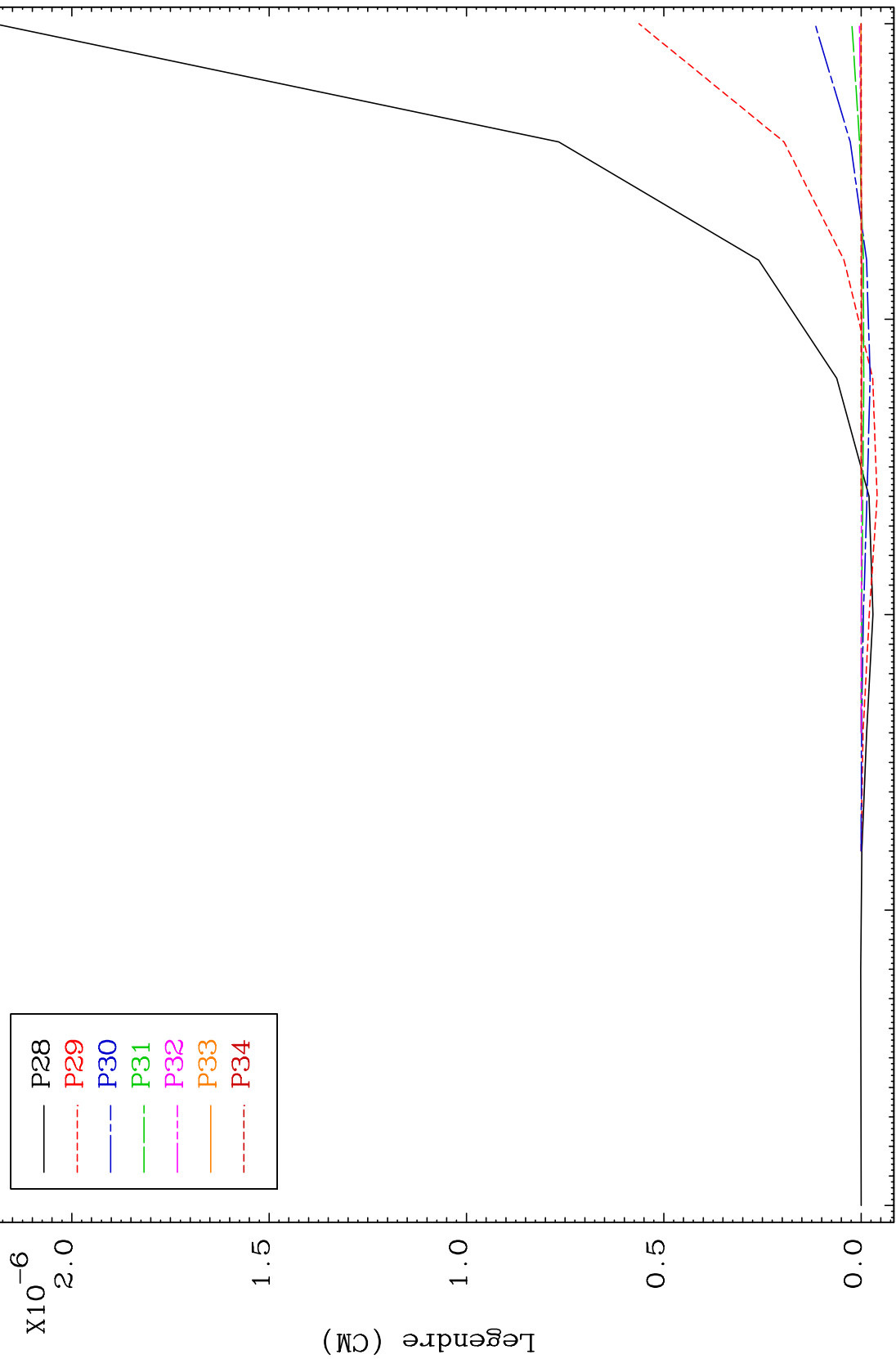
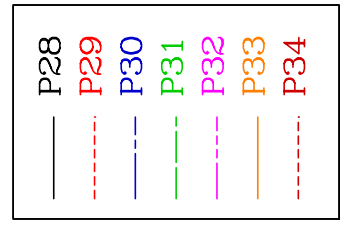
Incident Energy (MeV)

66-Dy-150

MAT 6607

Elastic Legendre Coefficients

66-Dy-150



66-Dy-150

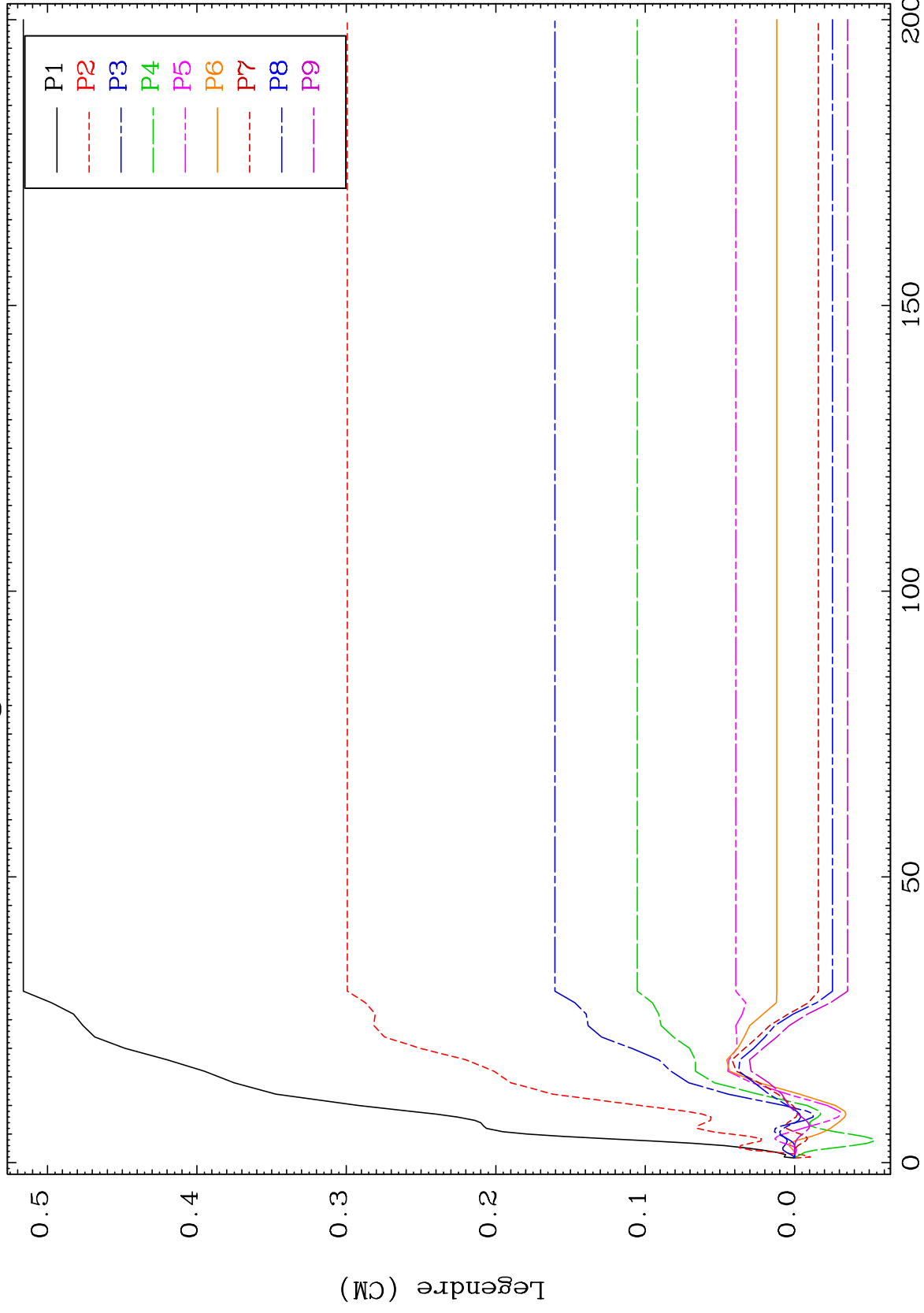
Incident Energy (MeV)

20

MAT 6607

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

66-Dy-150



21

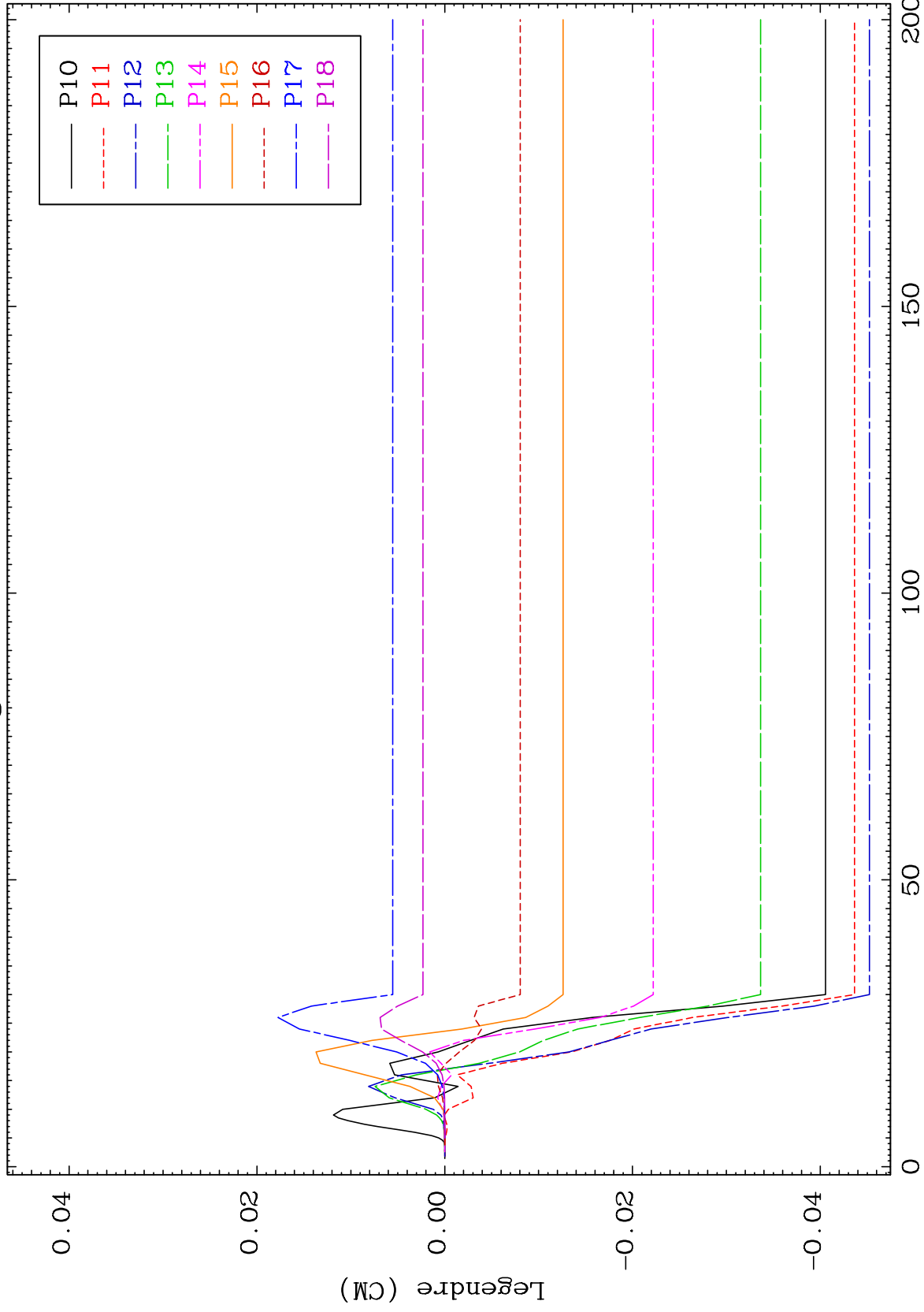
Incident Energy (MeV)

66-Dy-150

MAT 6607

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

66-Dy-150



22

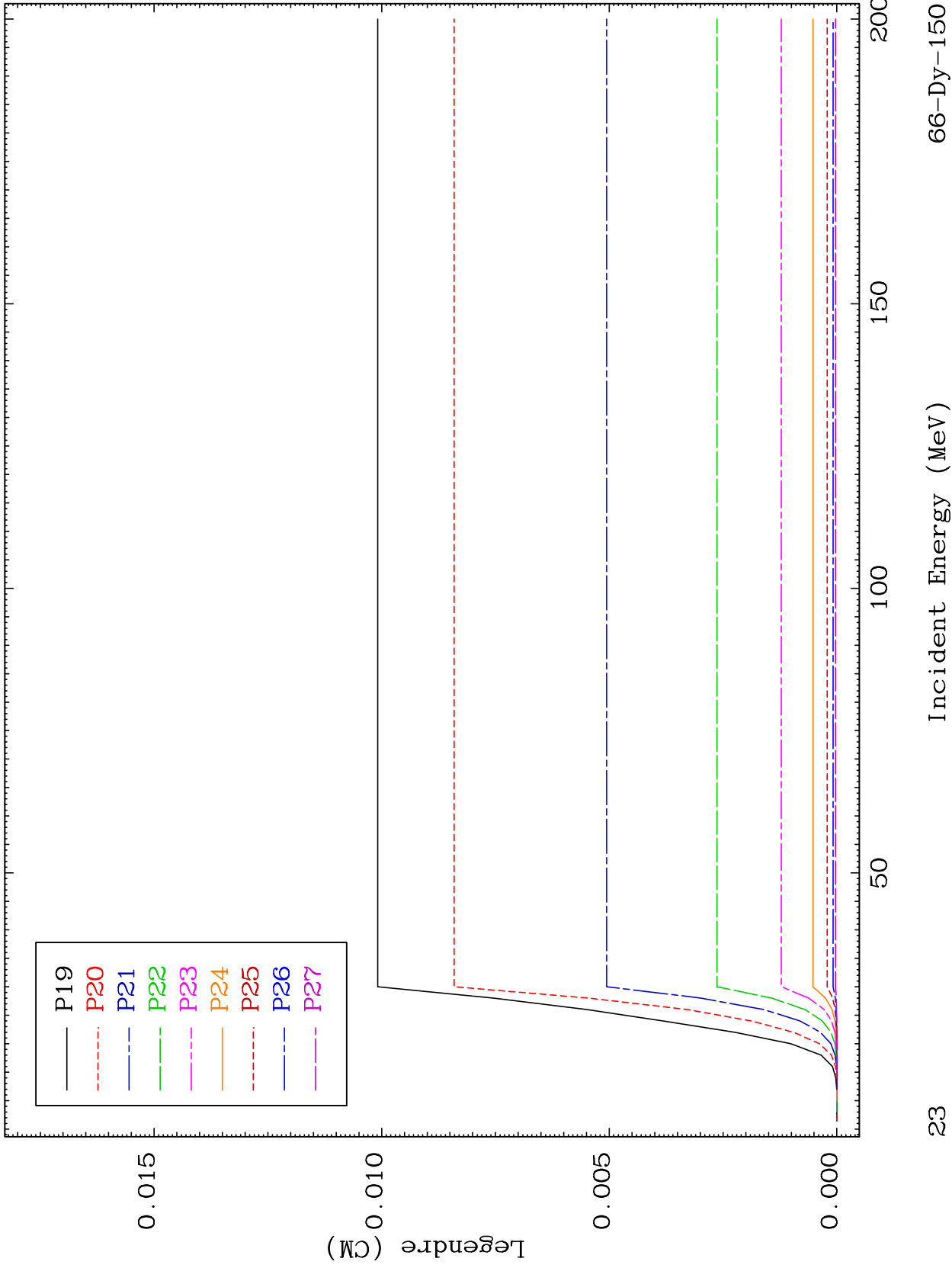
Incident Energy (MeV)

66-Dy-150

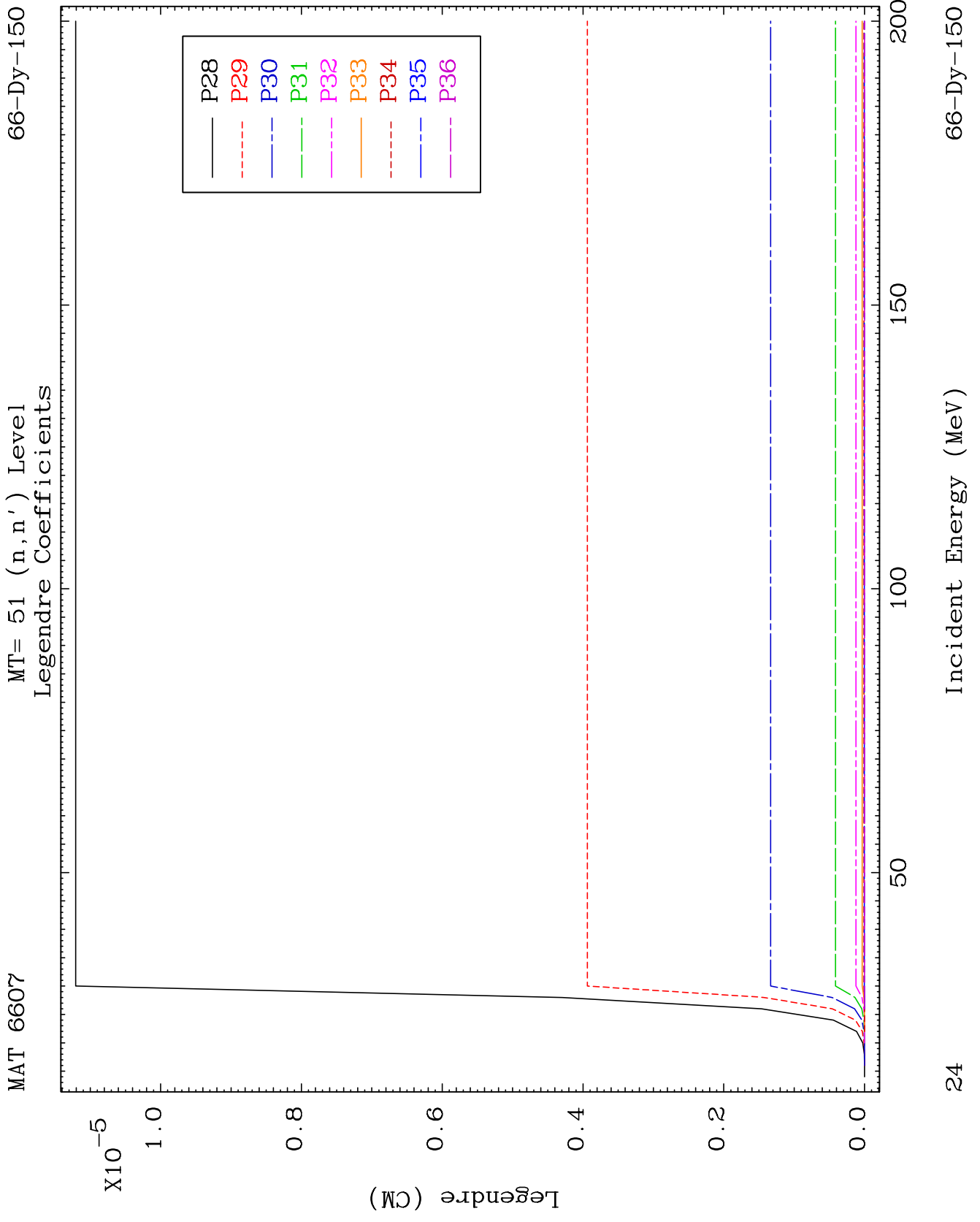
MAT 6607

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

66-Dy-150



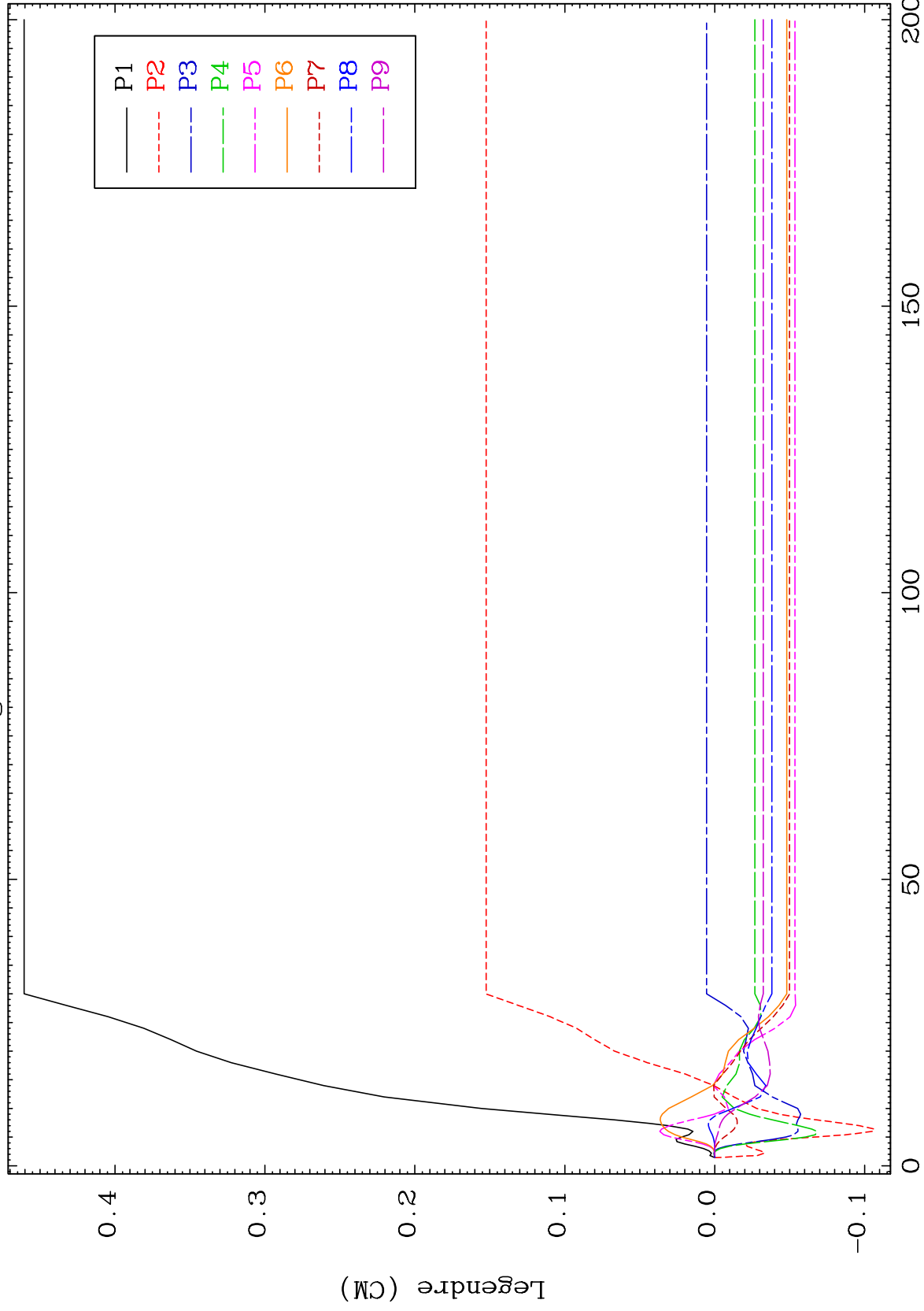




MAT 6607

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

66-Dy-150



66-Dy-150

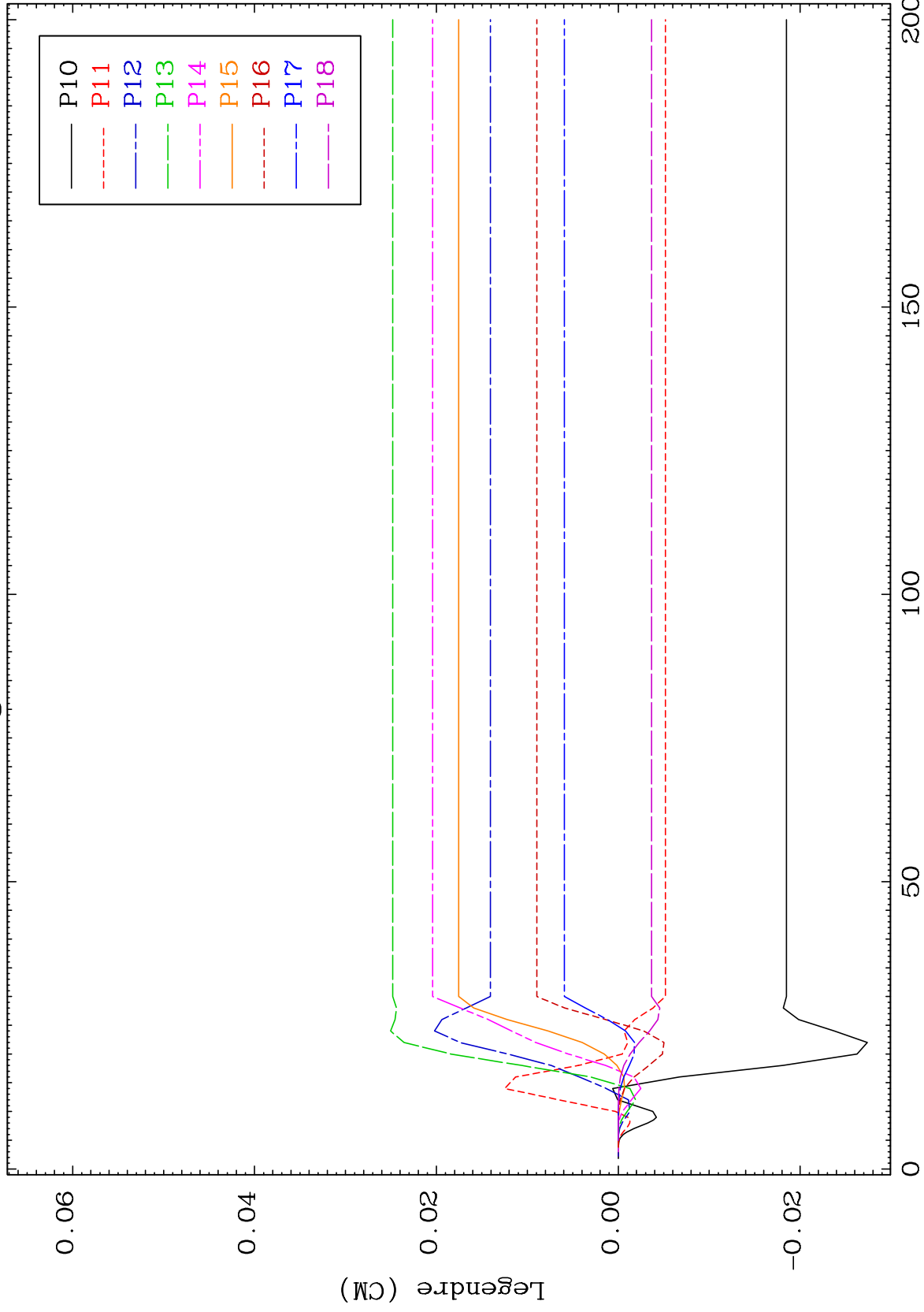
Incident Energy (MeV)

25

MAT 6607

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

66-Dy-150



26

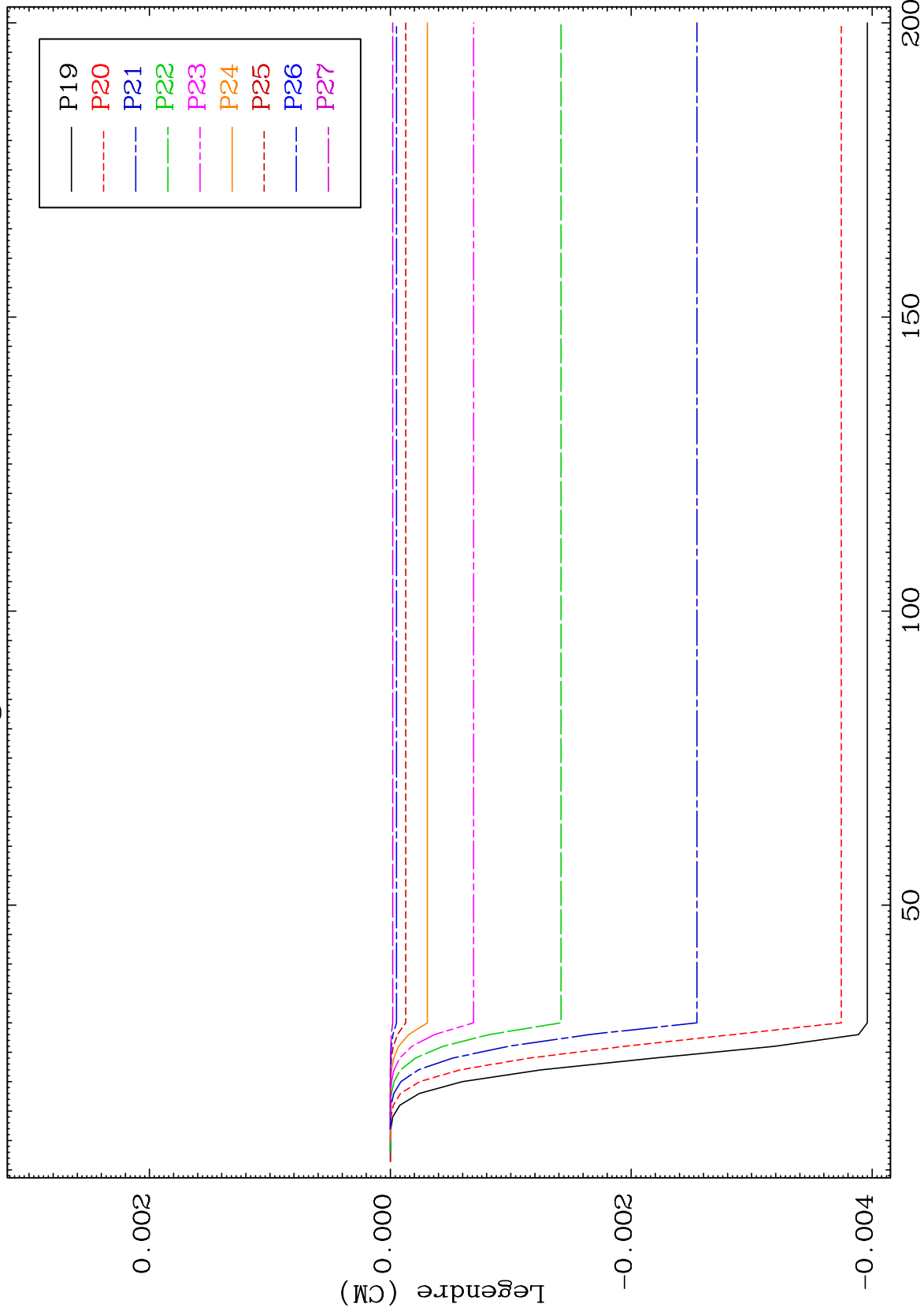
Incident Energy (MeV)

66-Dy-150

MAT 6607

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

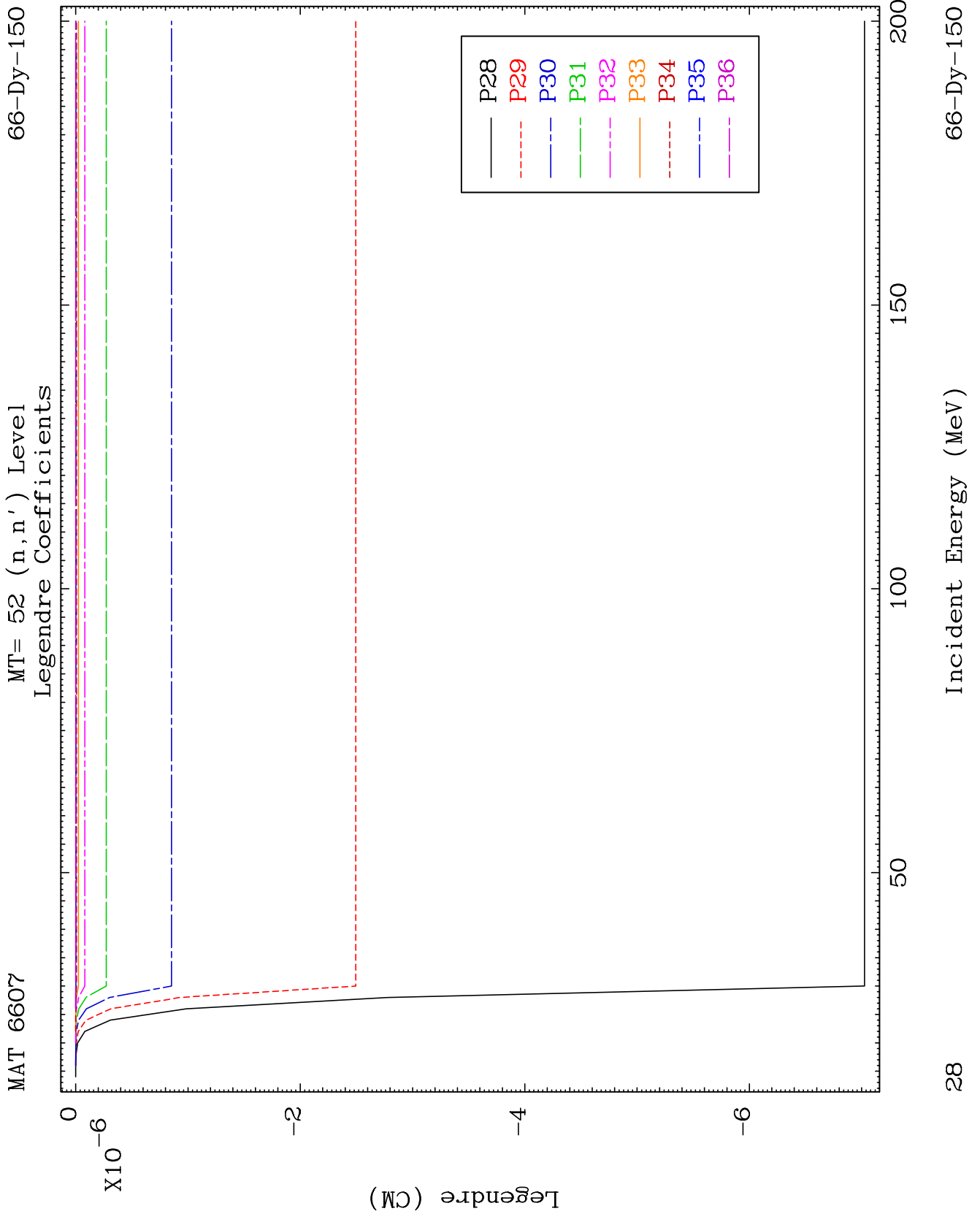
66-Dy-150



27

Incident Energy (MeV)

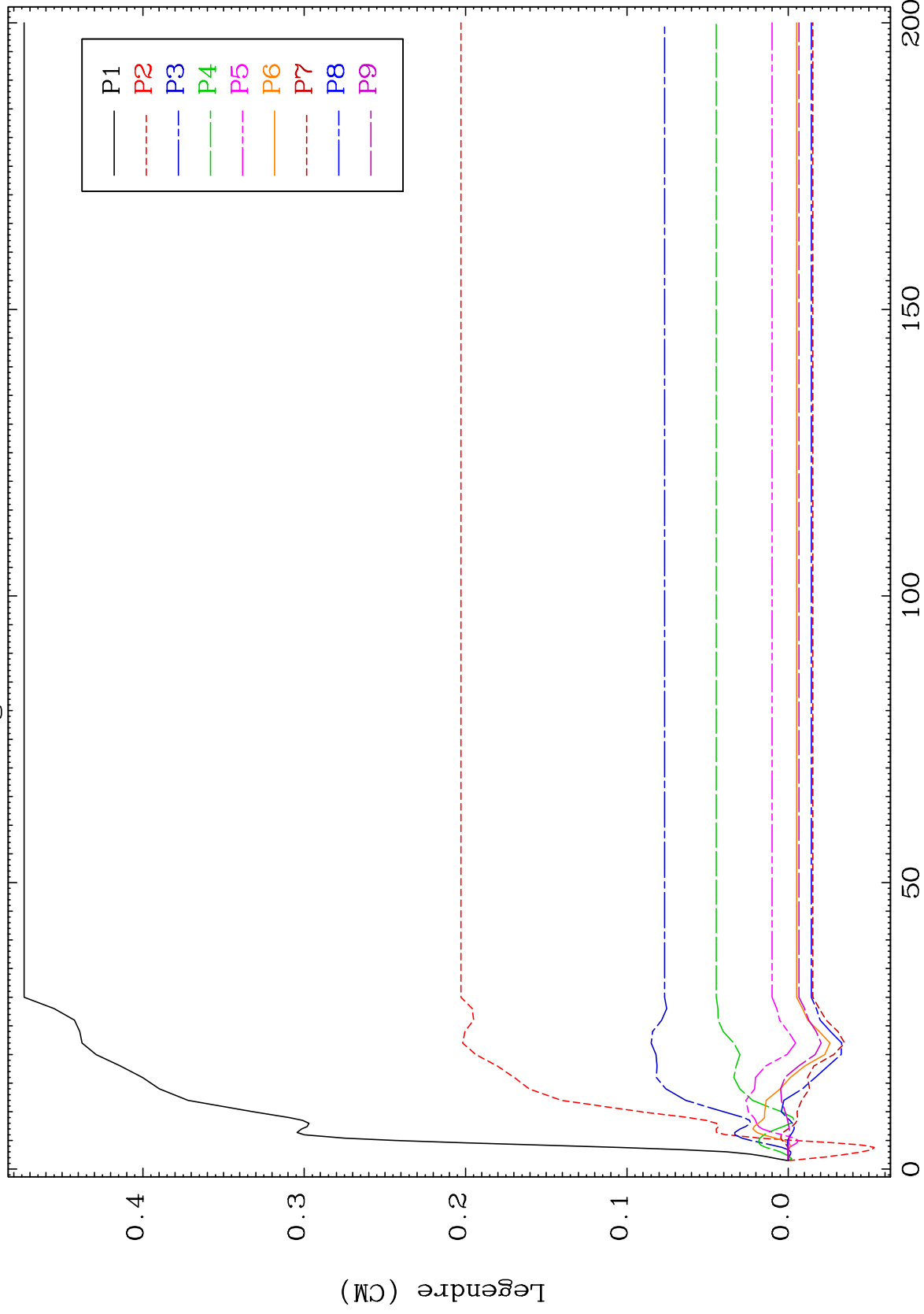
66-Dy-150



MAT 6607

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

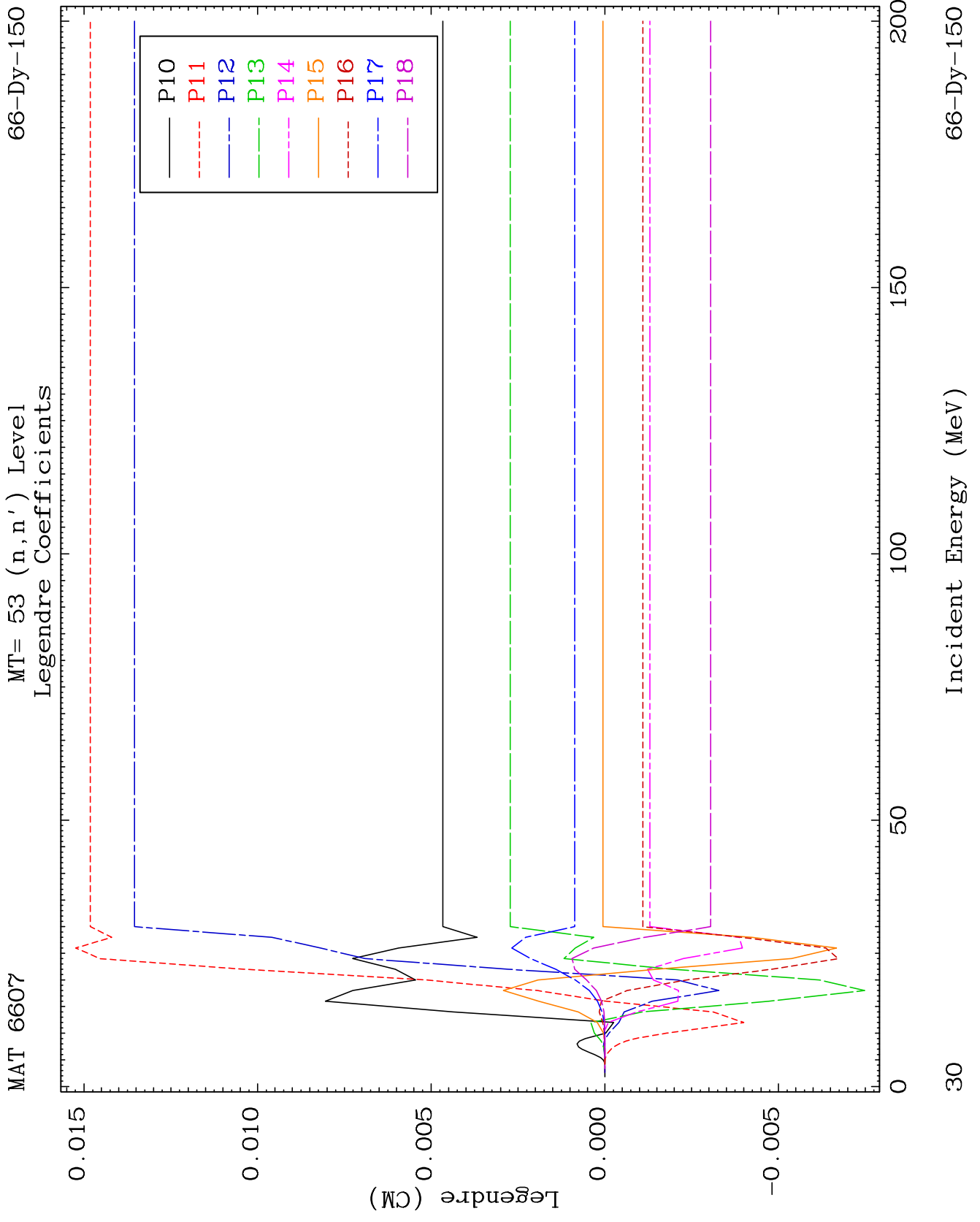
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29

Incident Energy (MeV)

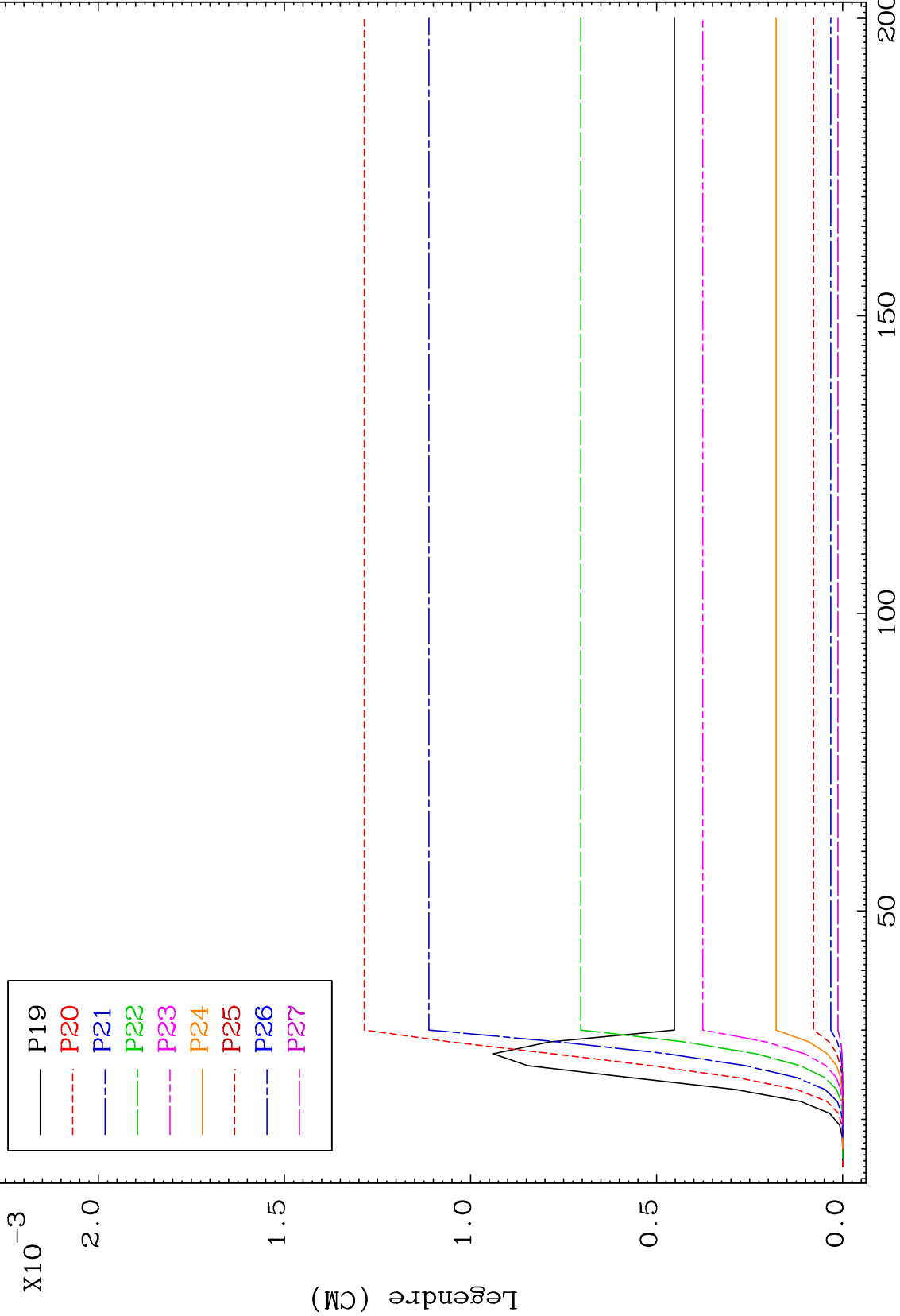
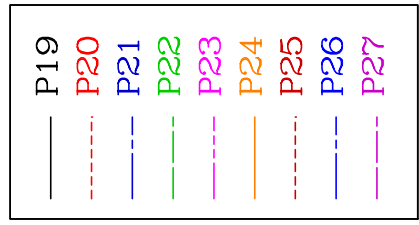
66-Dy-150



MAT 6607

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

66-Dy-150

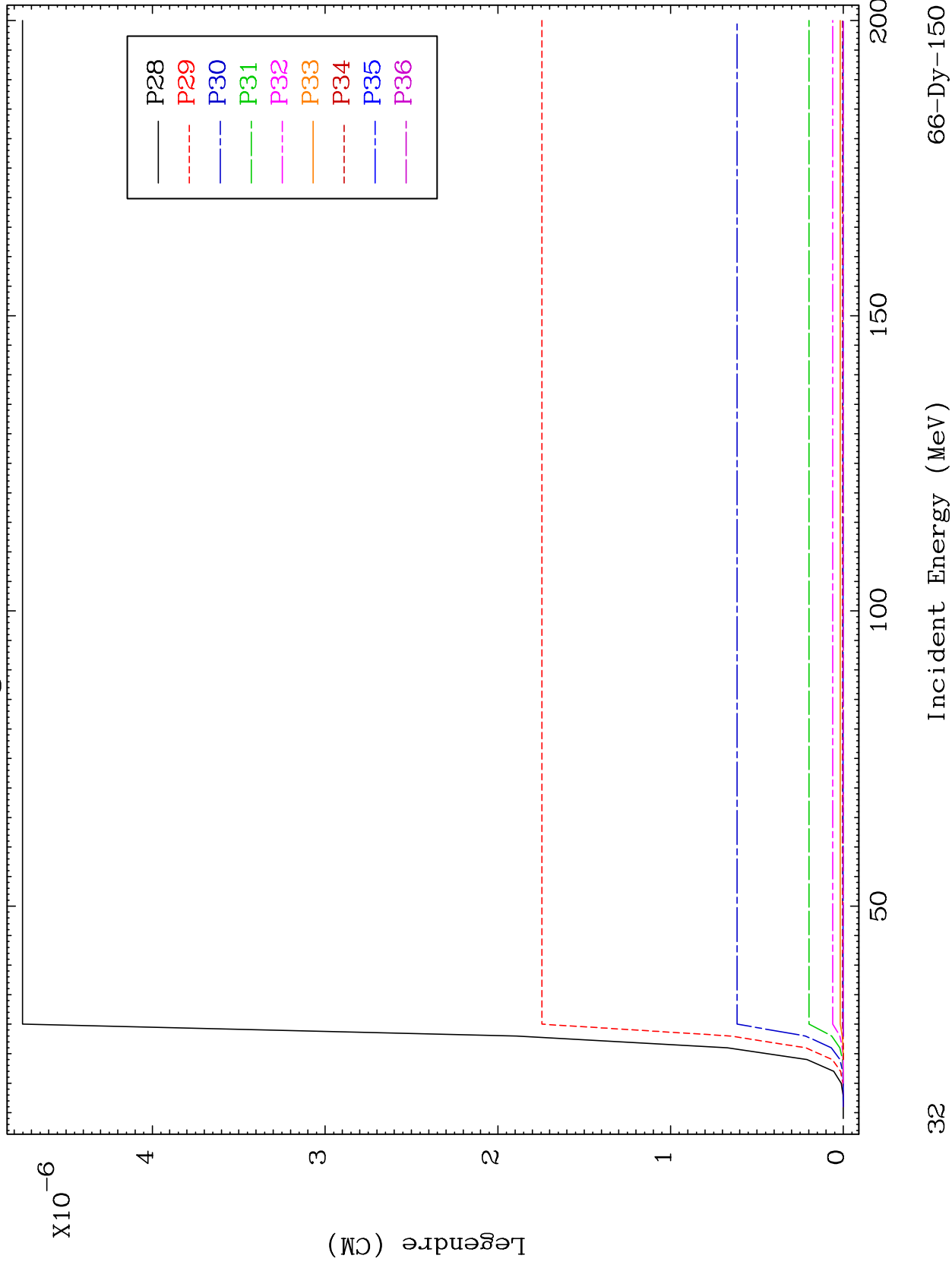




MAT 6607

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

66-Dy-150



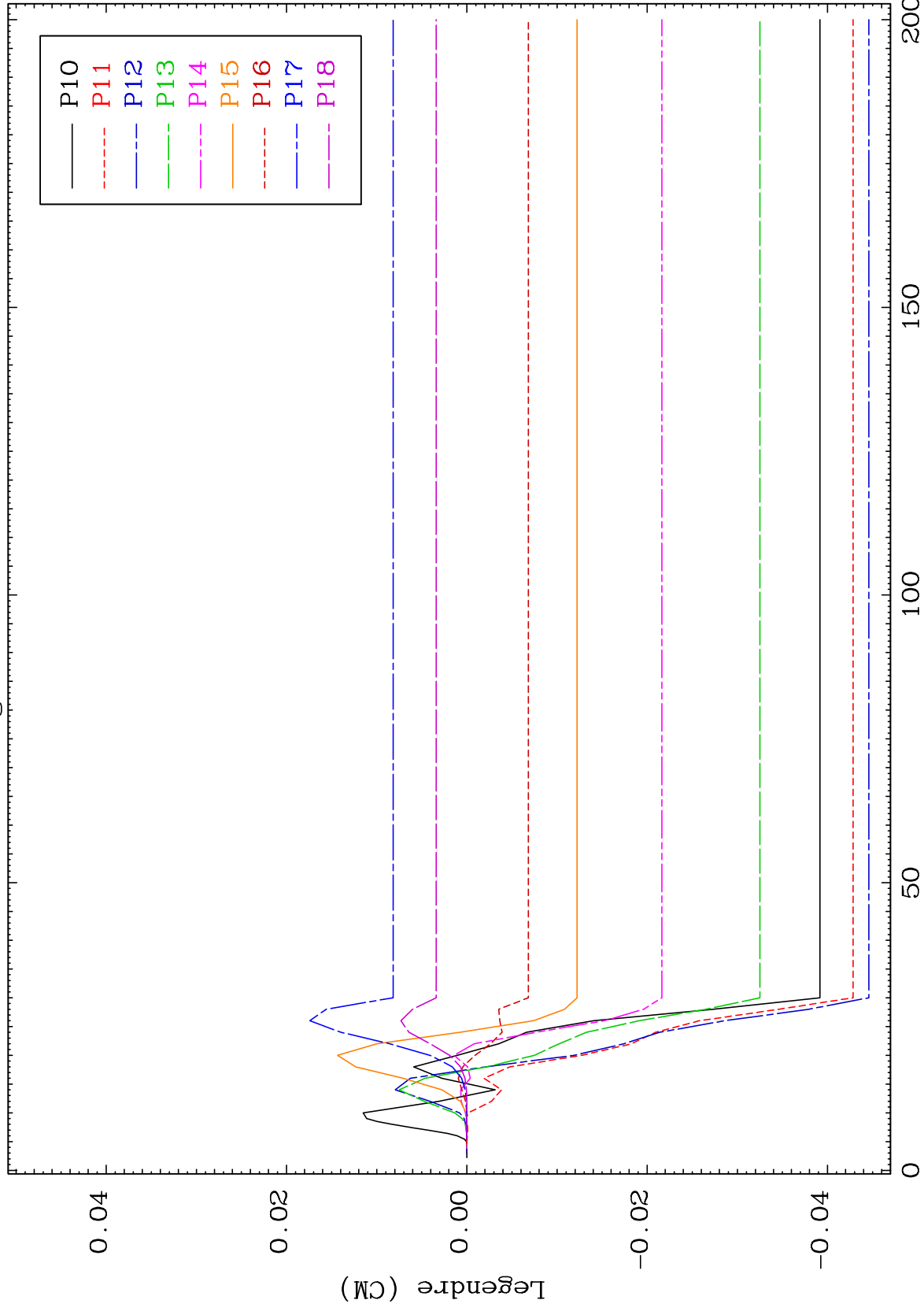
32



MAT 6607

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

66-Dy-150



34

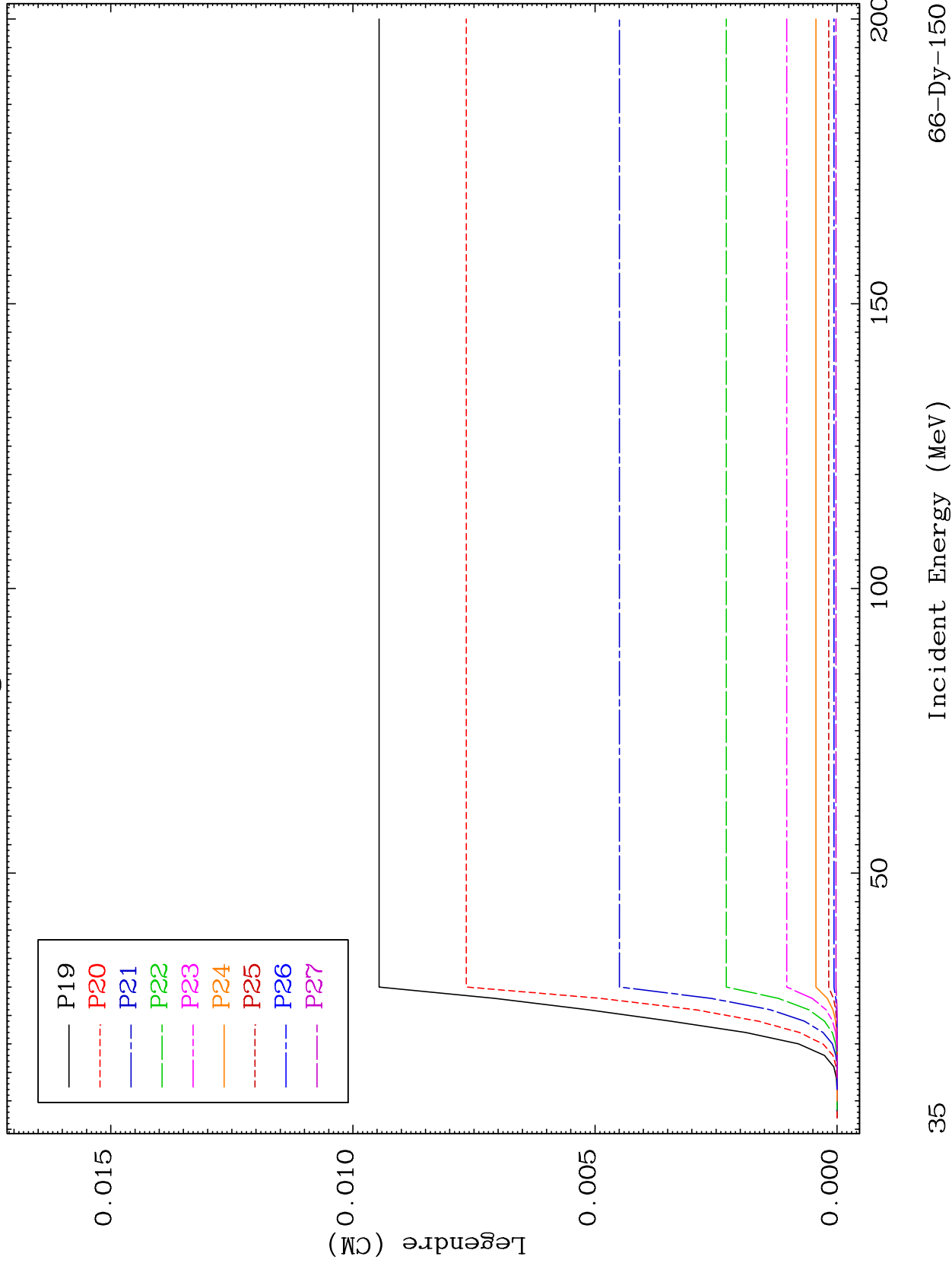
Incident Energy (MeV)

66-Dy-150

MAT 6607

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

66-Dy-150



35

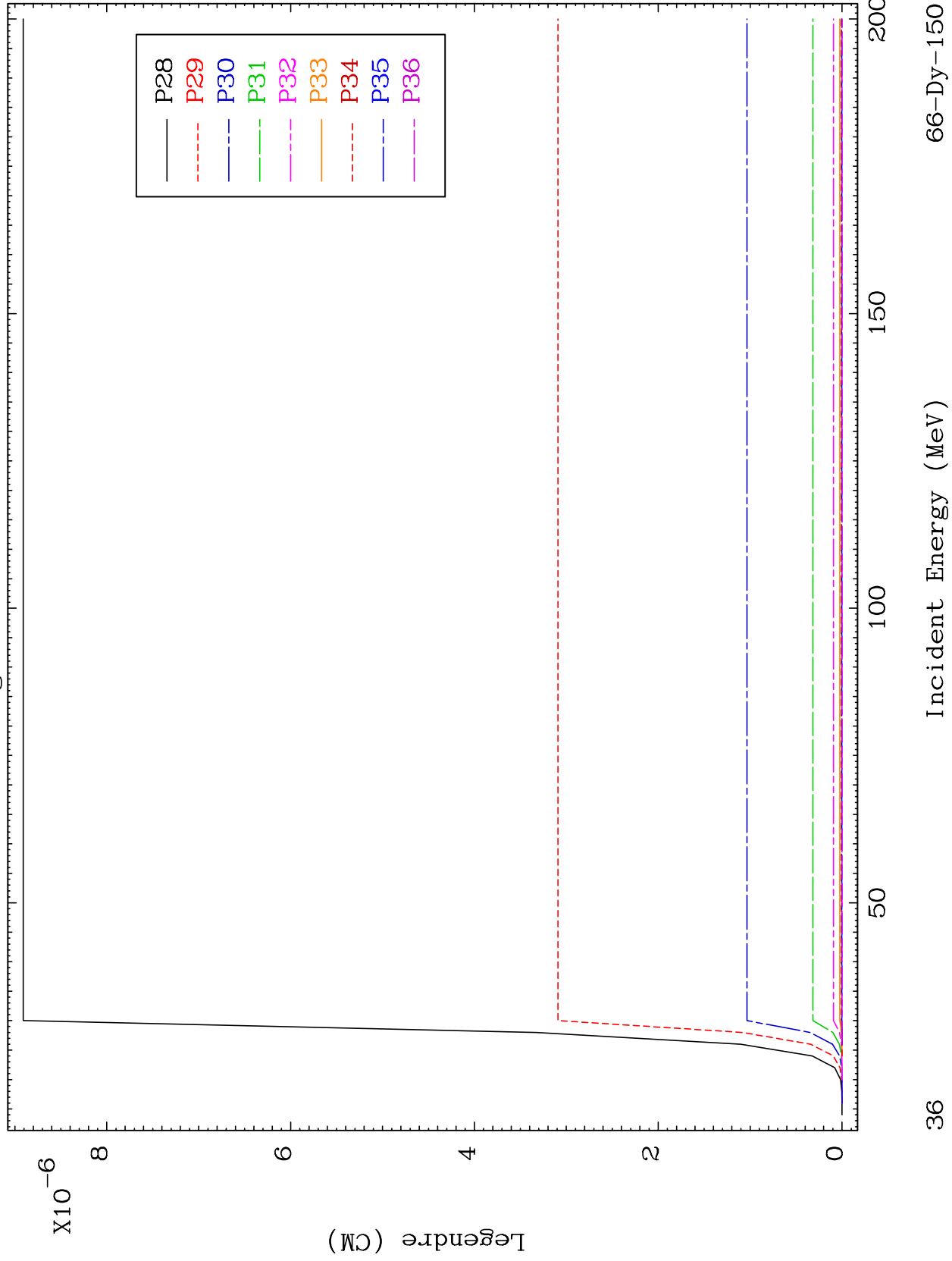
Incident Energy (MeV)

66-Dy-150

MAT 6607

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

66-Dy-150



36

Incident Energy (MeV)

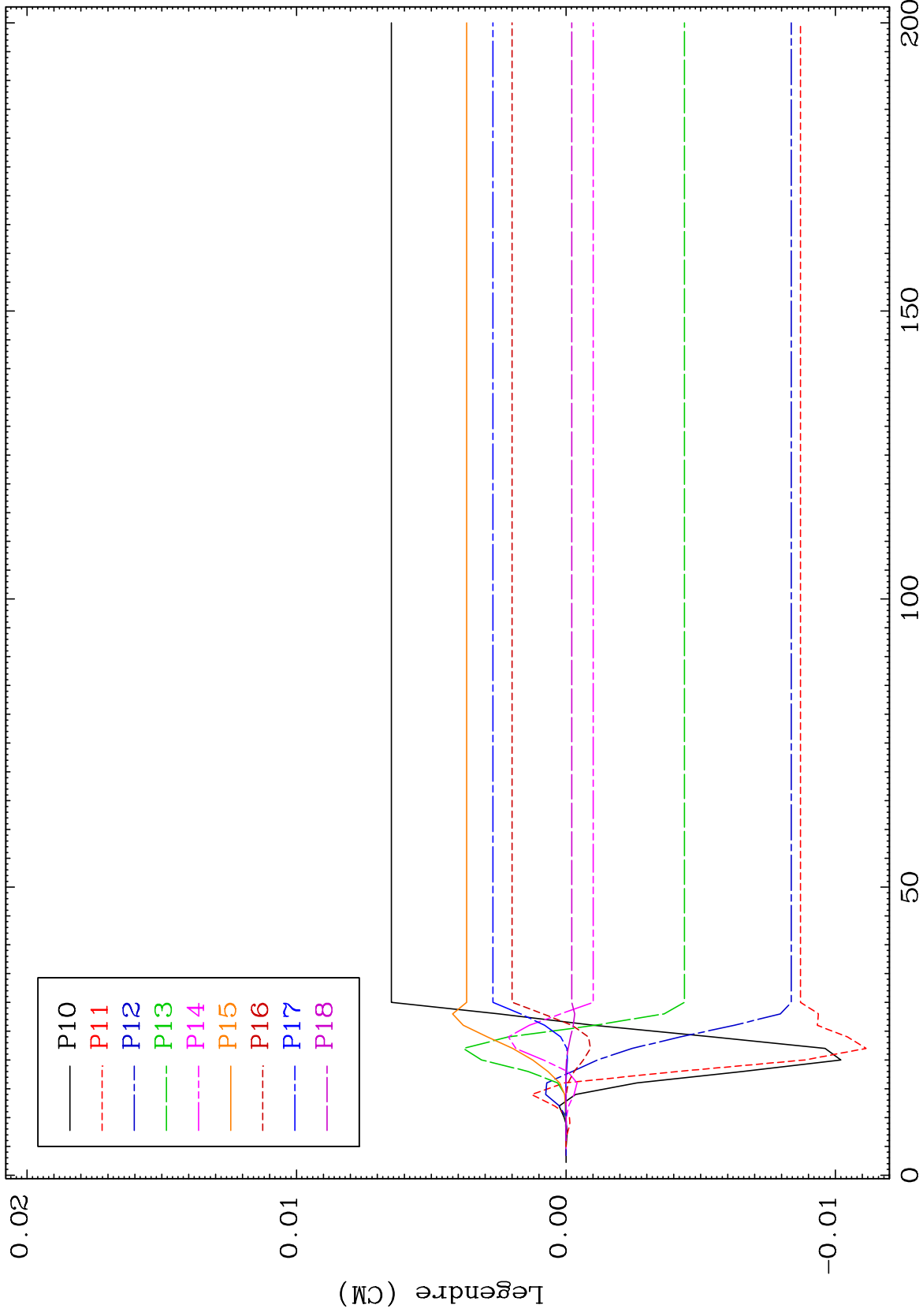
66-Dy-150



MAT 6607

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

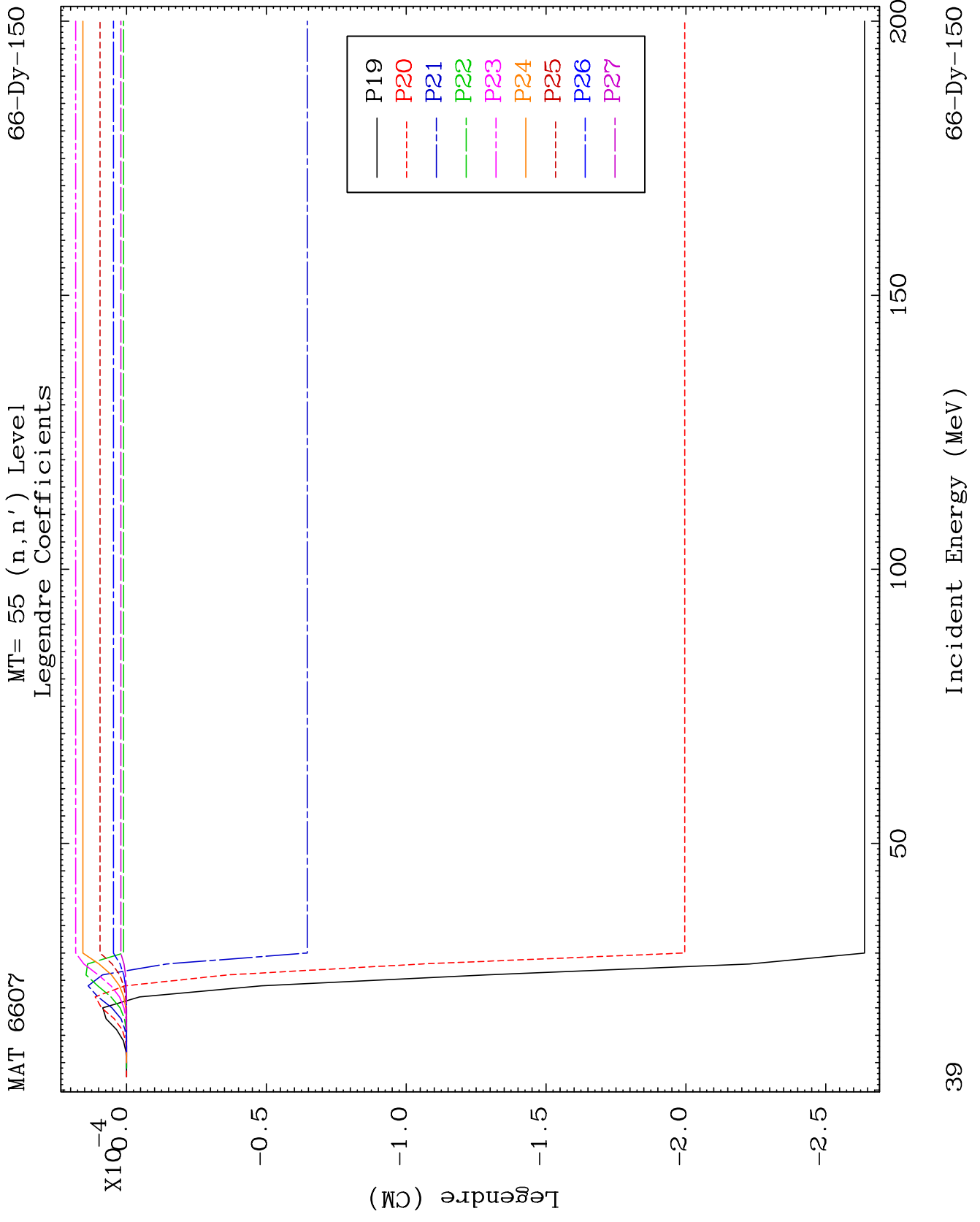
66-Dy-150



38

Incident Energy (MeV)

66-Dy-150

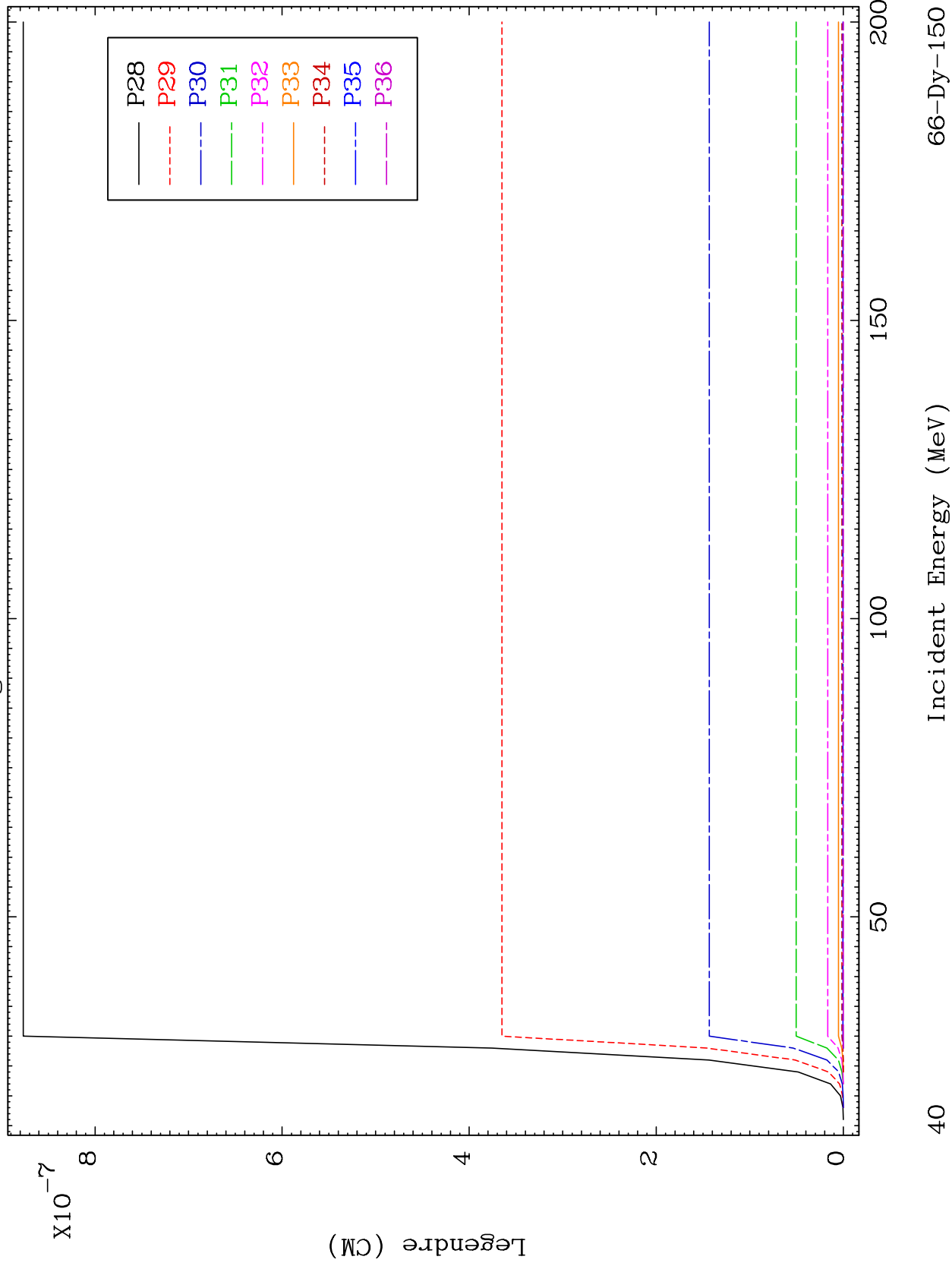


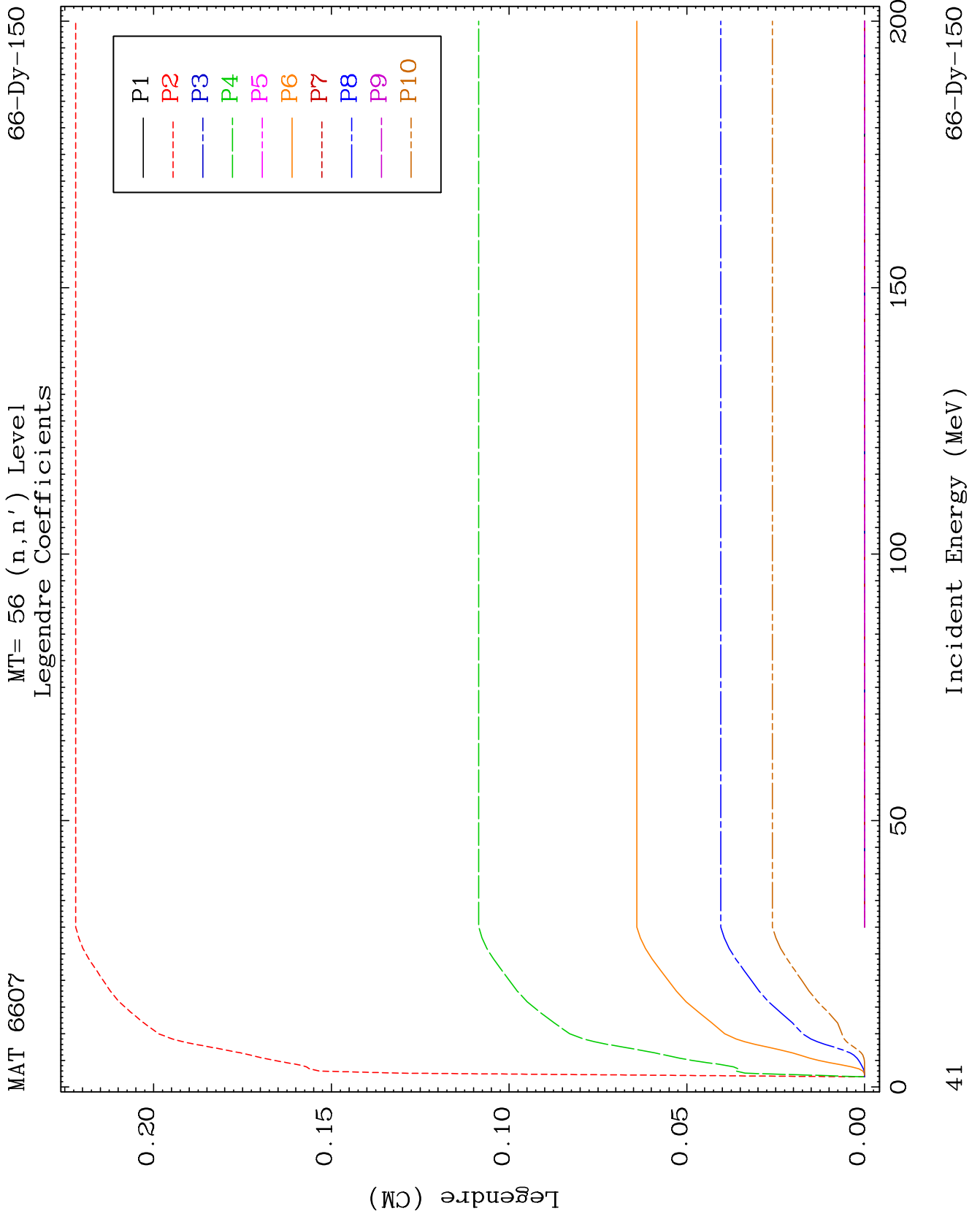


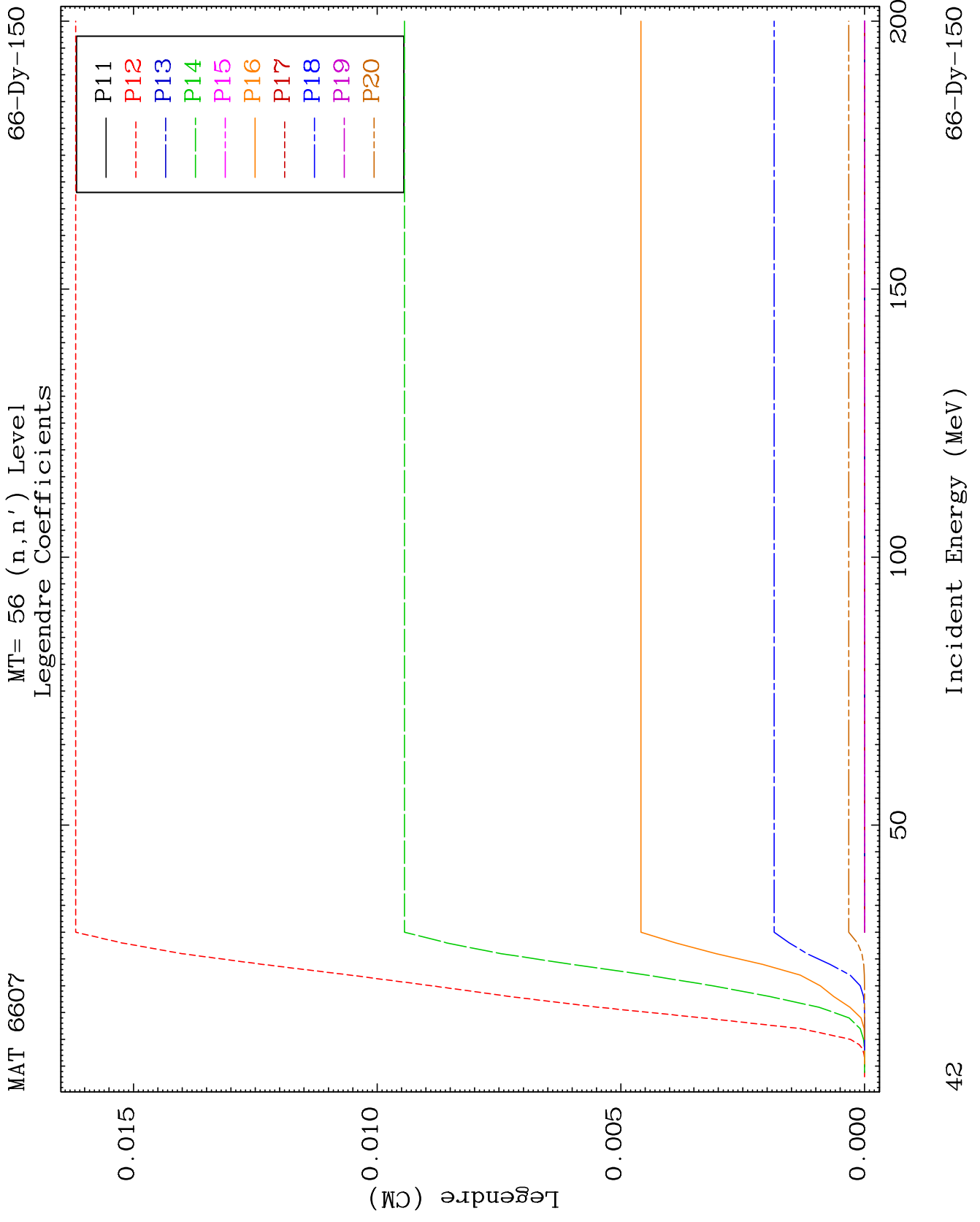
MAT 6607

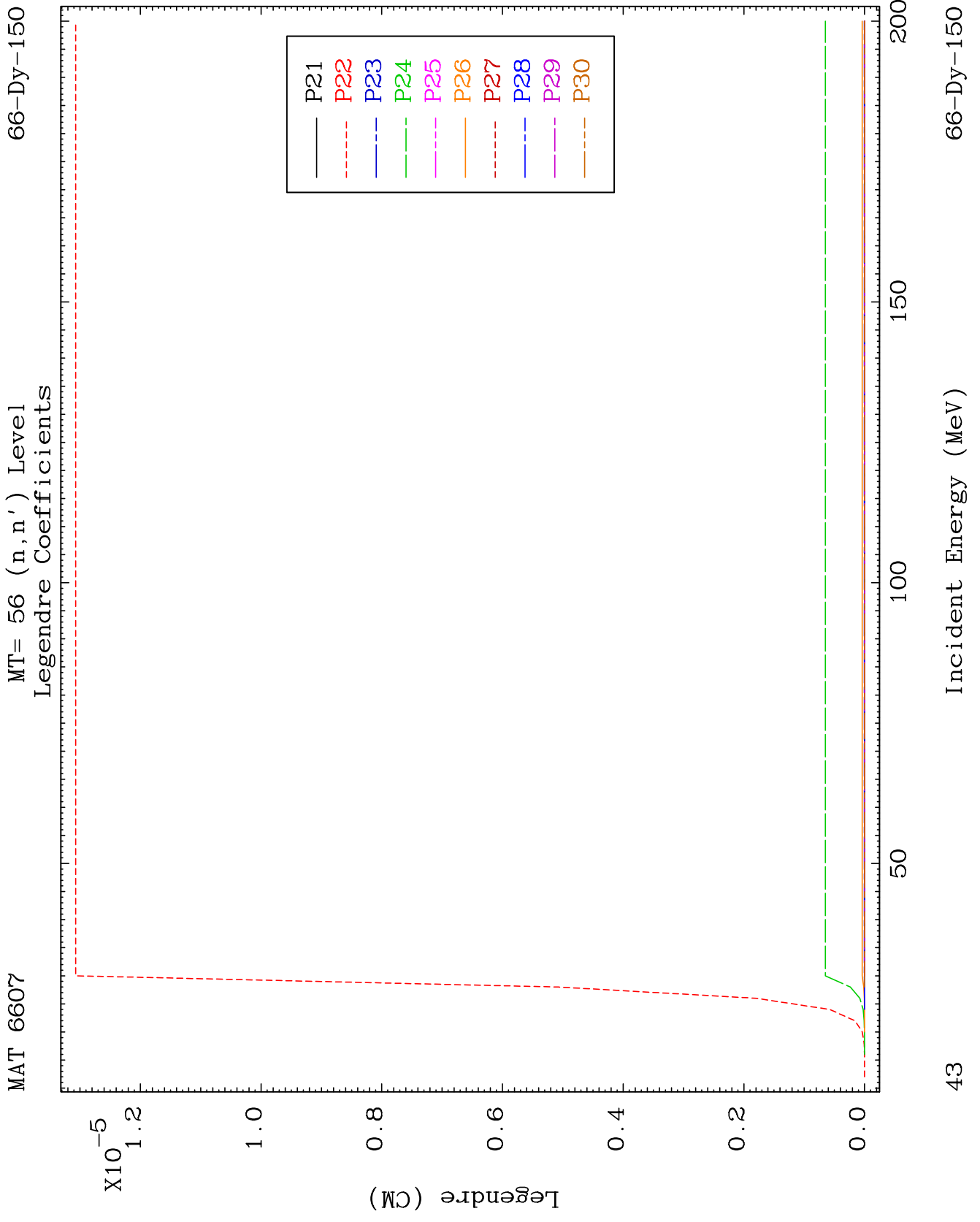
MT= 55 (n,n') Level  
Legendre Coefficients

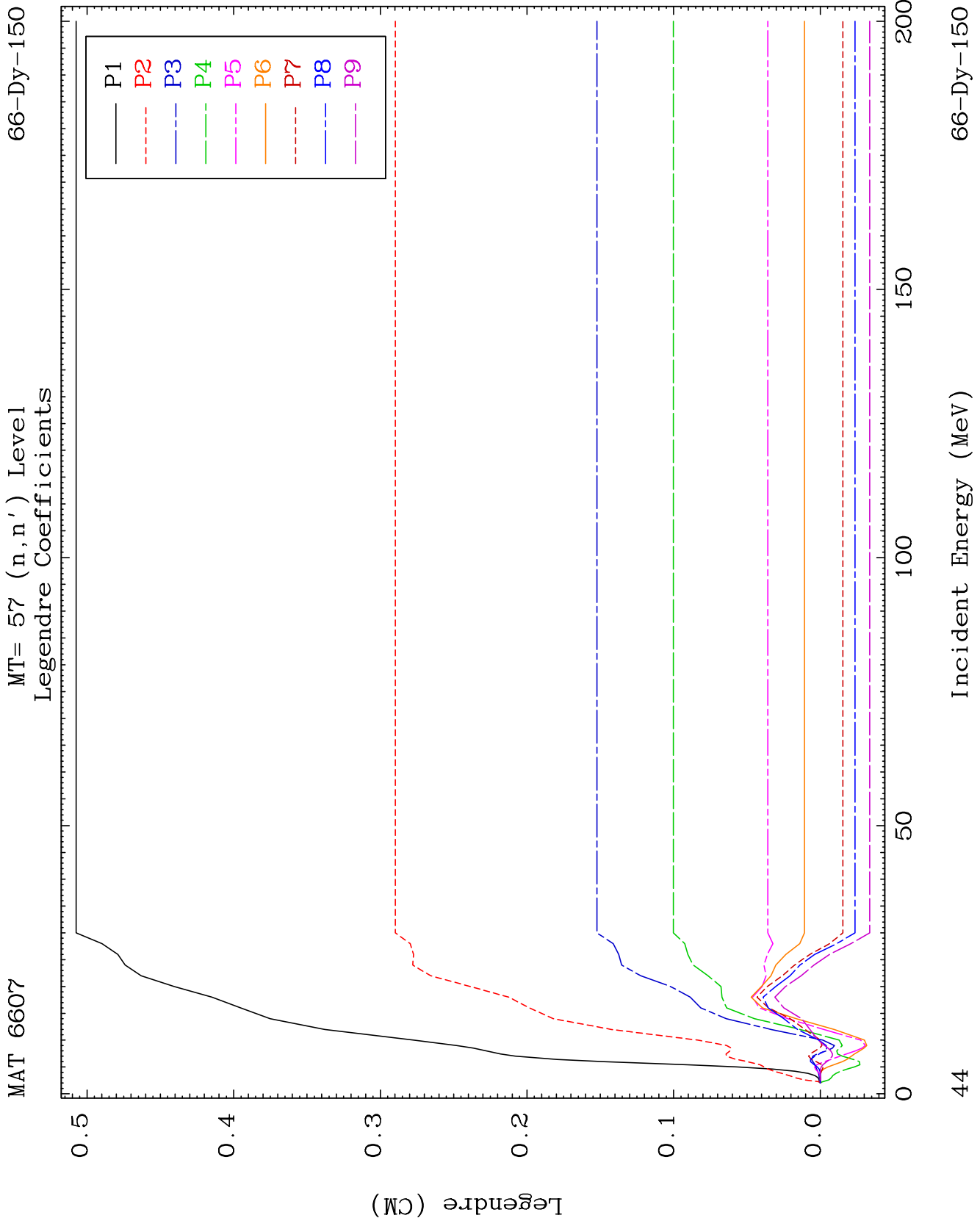
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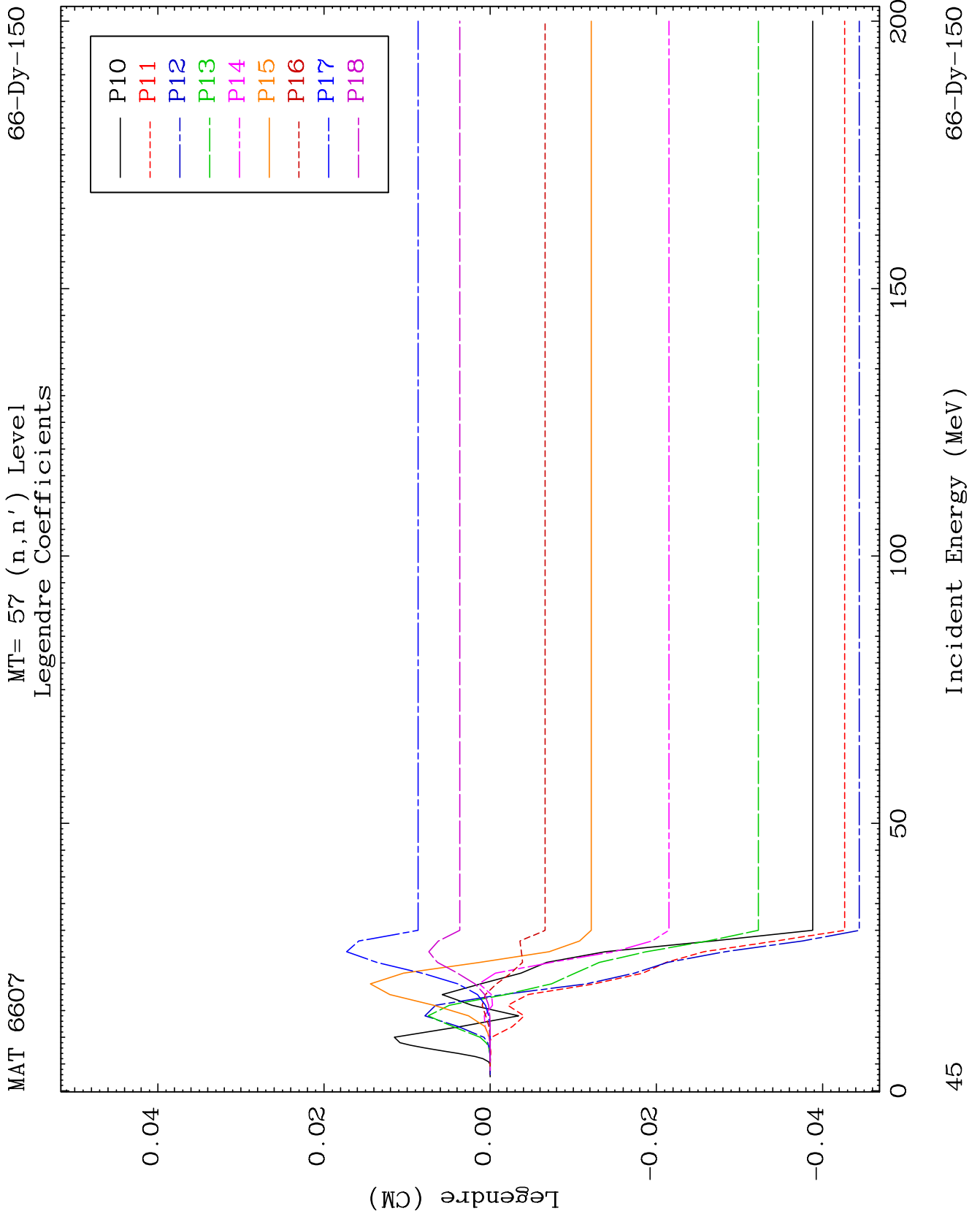








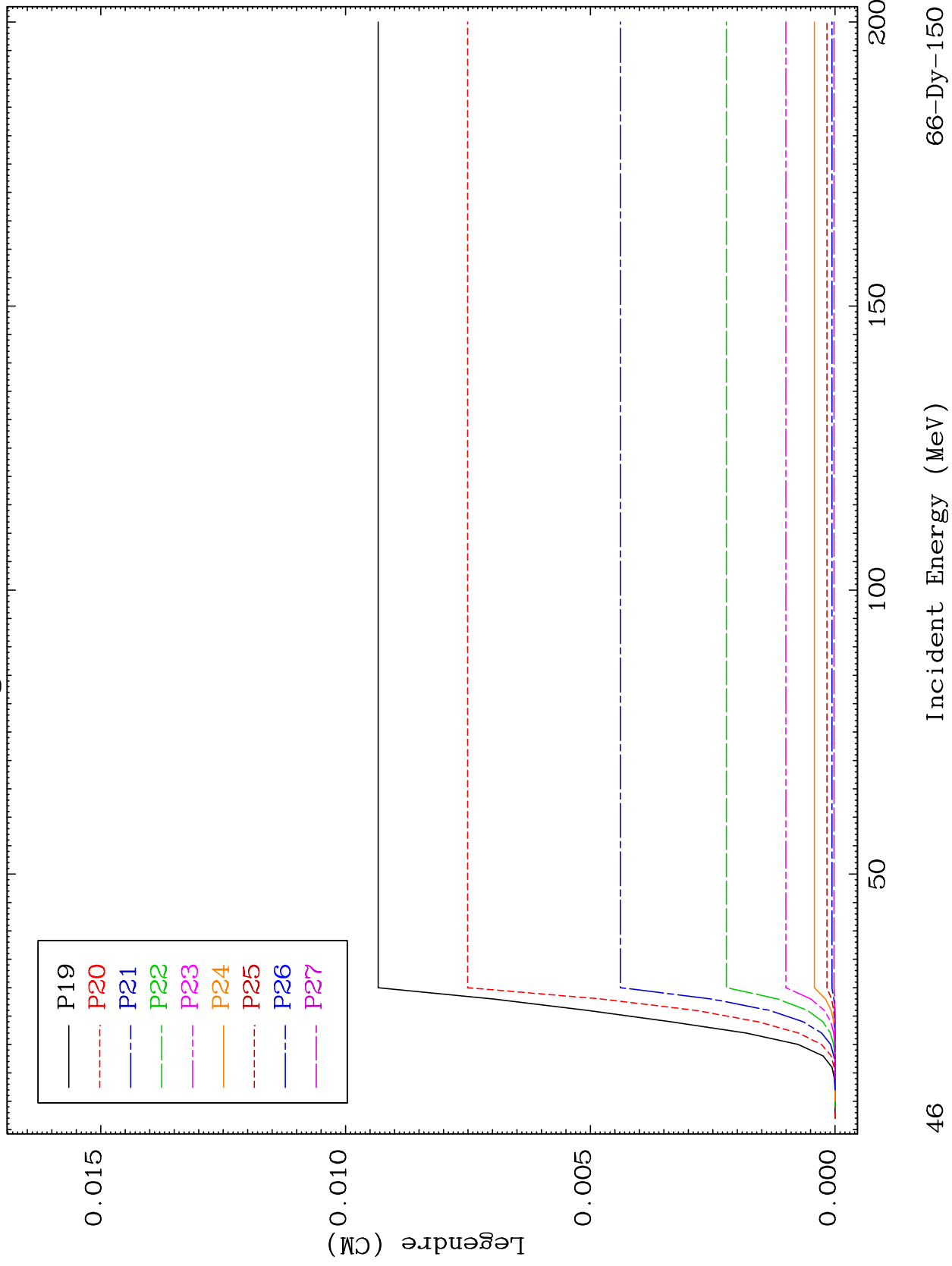




MAT 6607

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

66-Dy-150



46

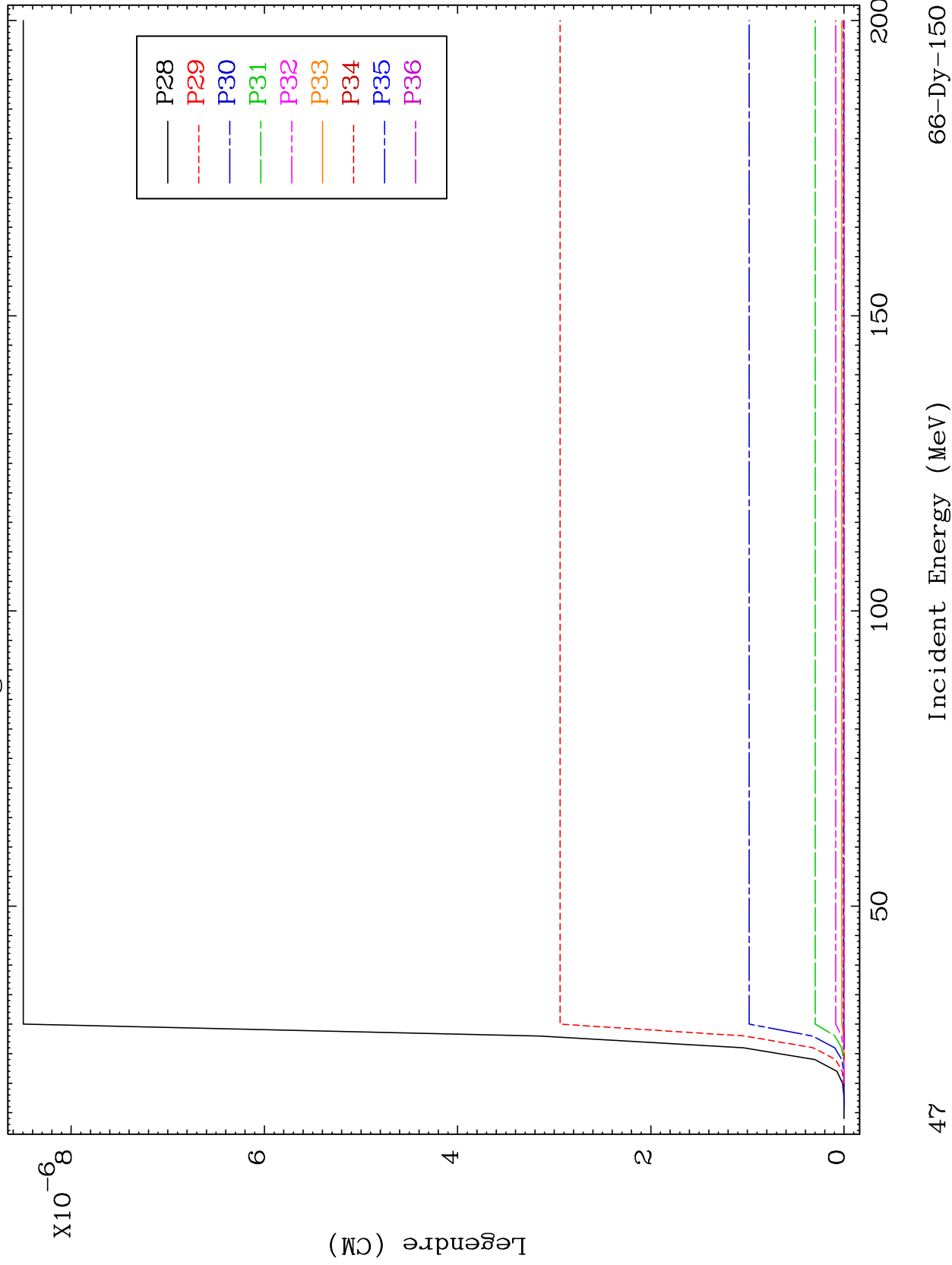
Incident Energy (MeV)

66-Dy-150

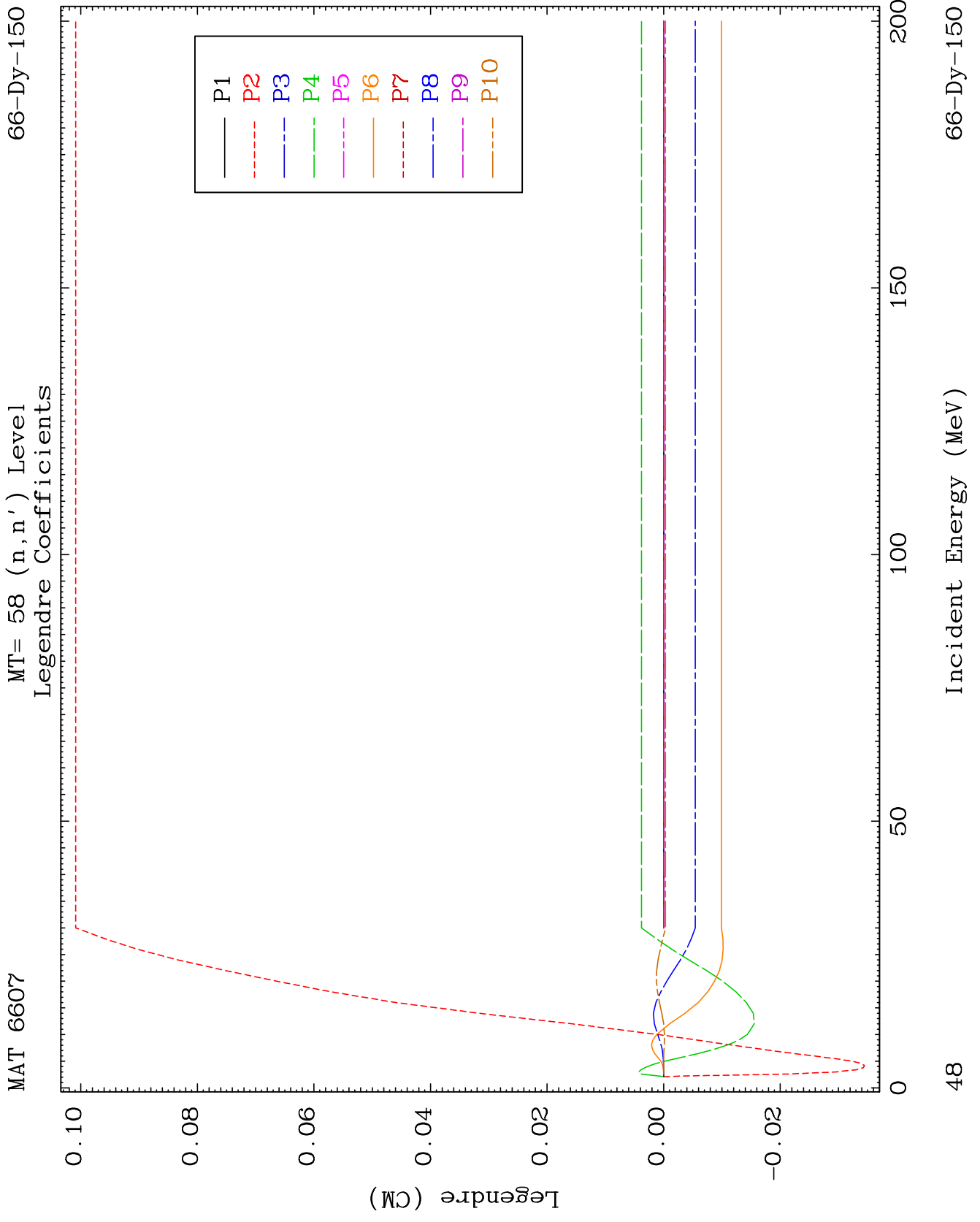
MAT 6607

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

66-Dy-150



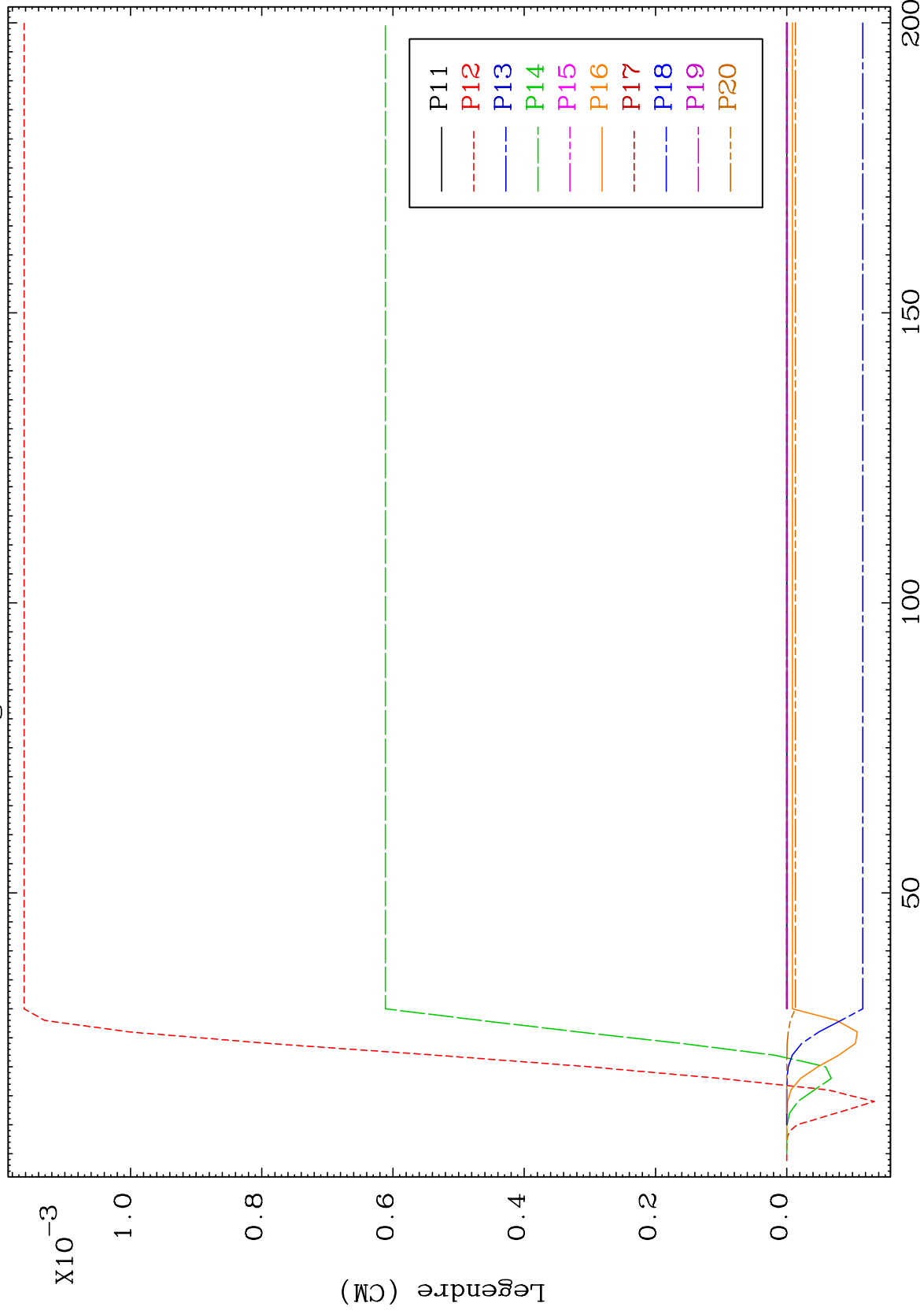




MAT 6607

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

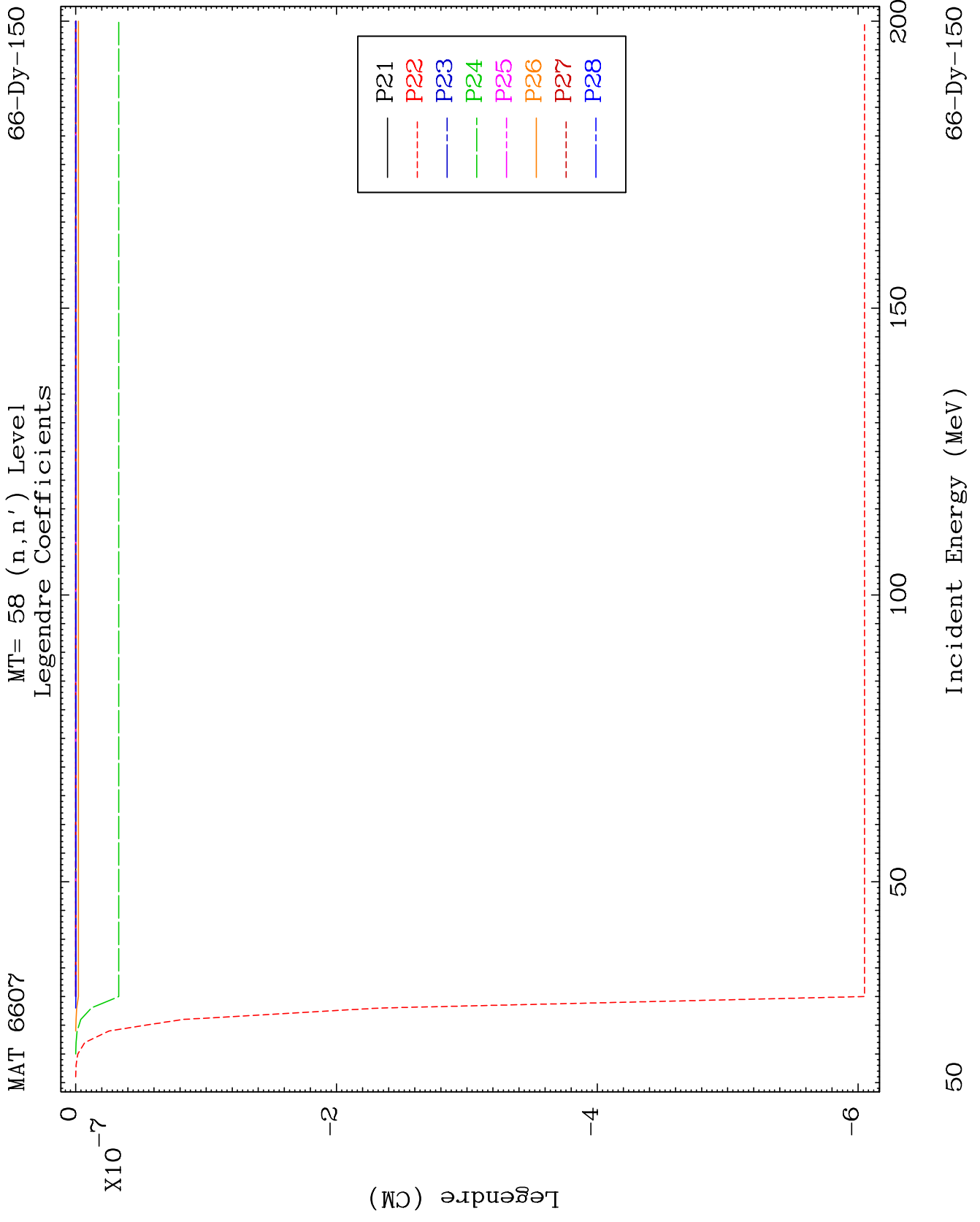
66-Dy-150



49

Incident Energy (MeV)

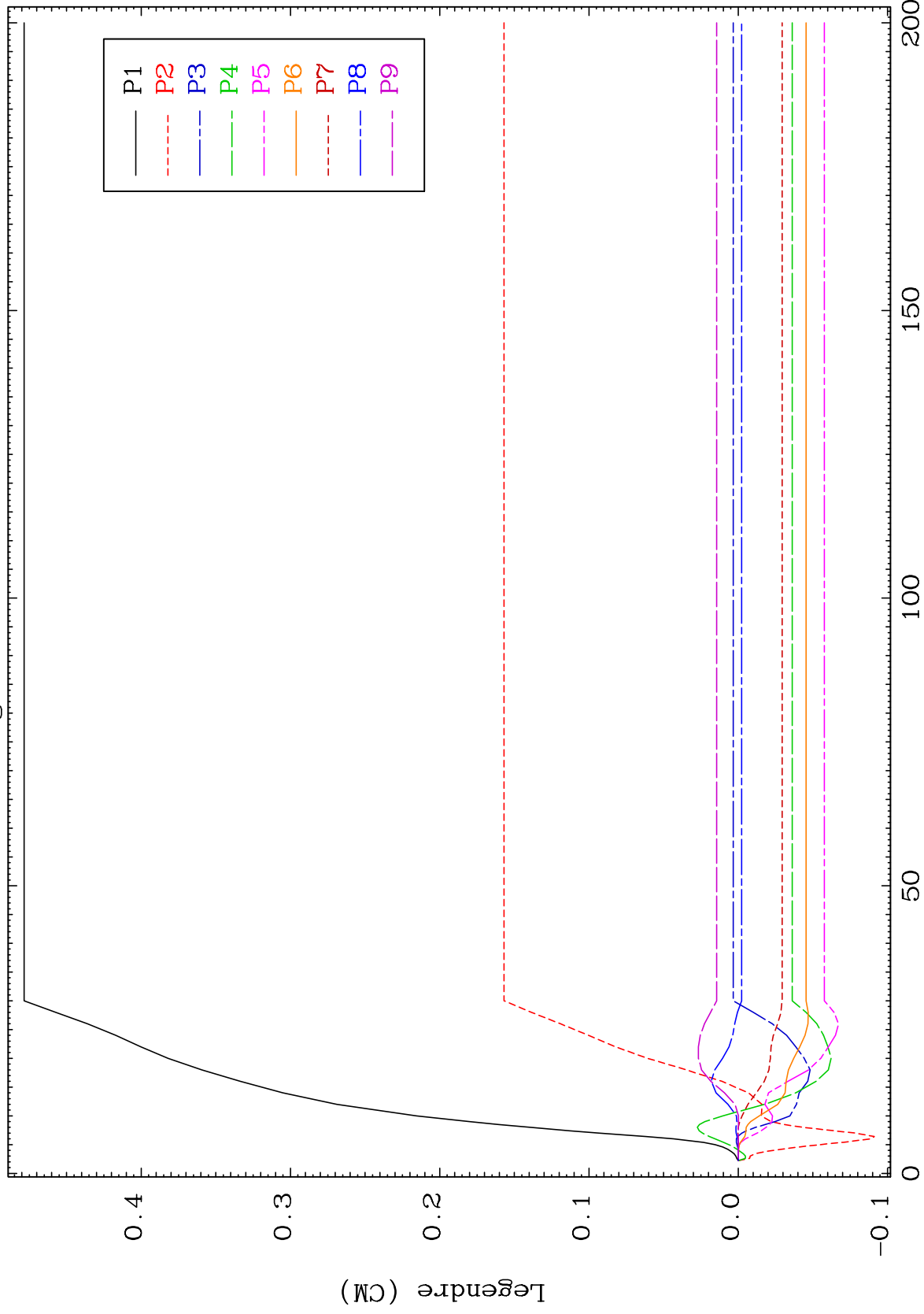
66-Dy-150



MAT 6607

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

66-Dy-150



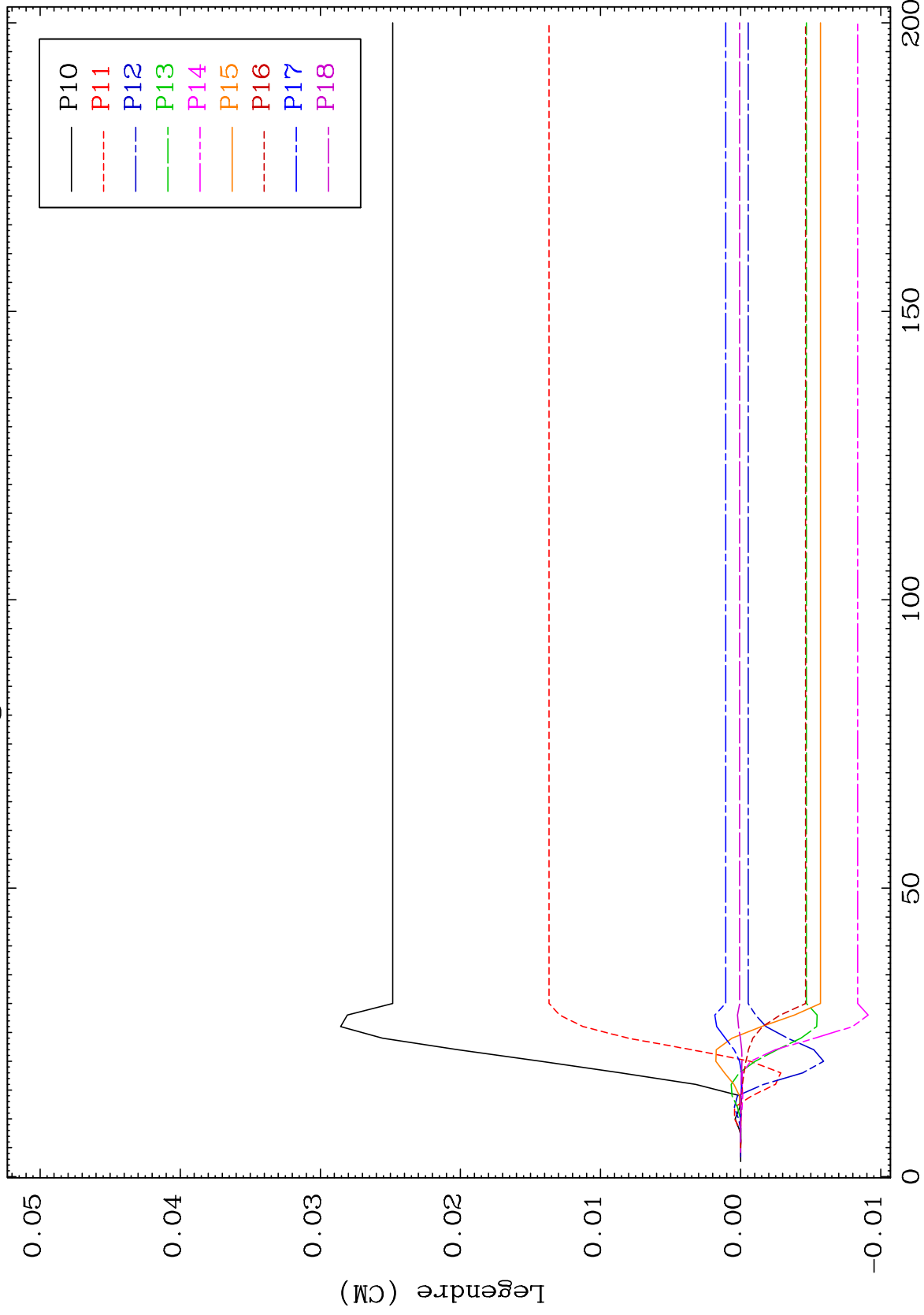
51

66-Dy-150

MAT 6607

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

66-Dy-150



52

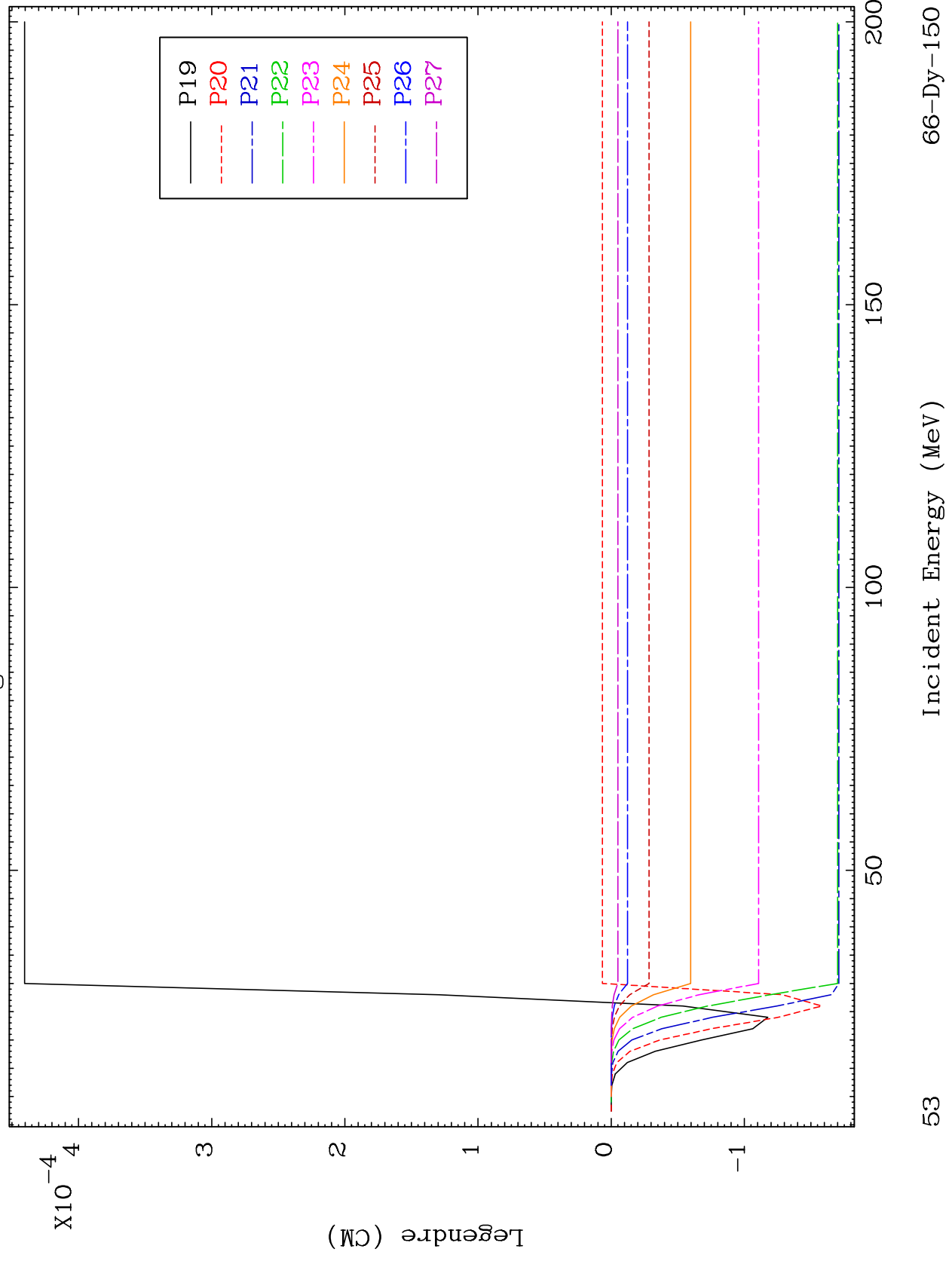
Incident Energy (MeV)

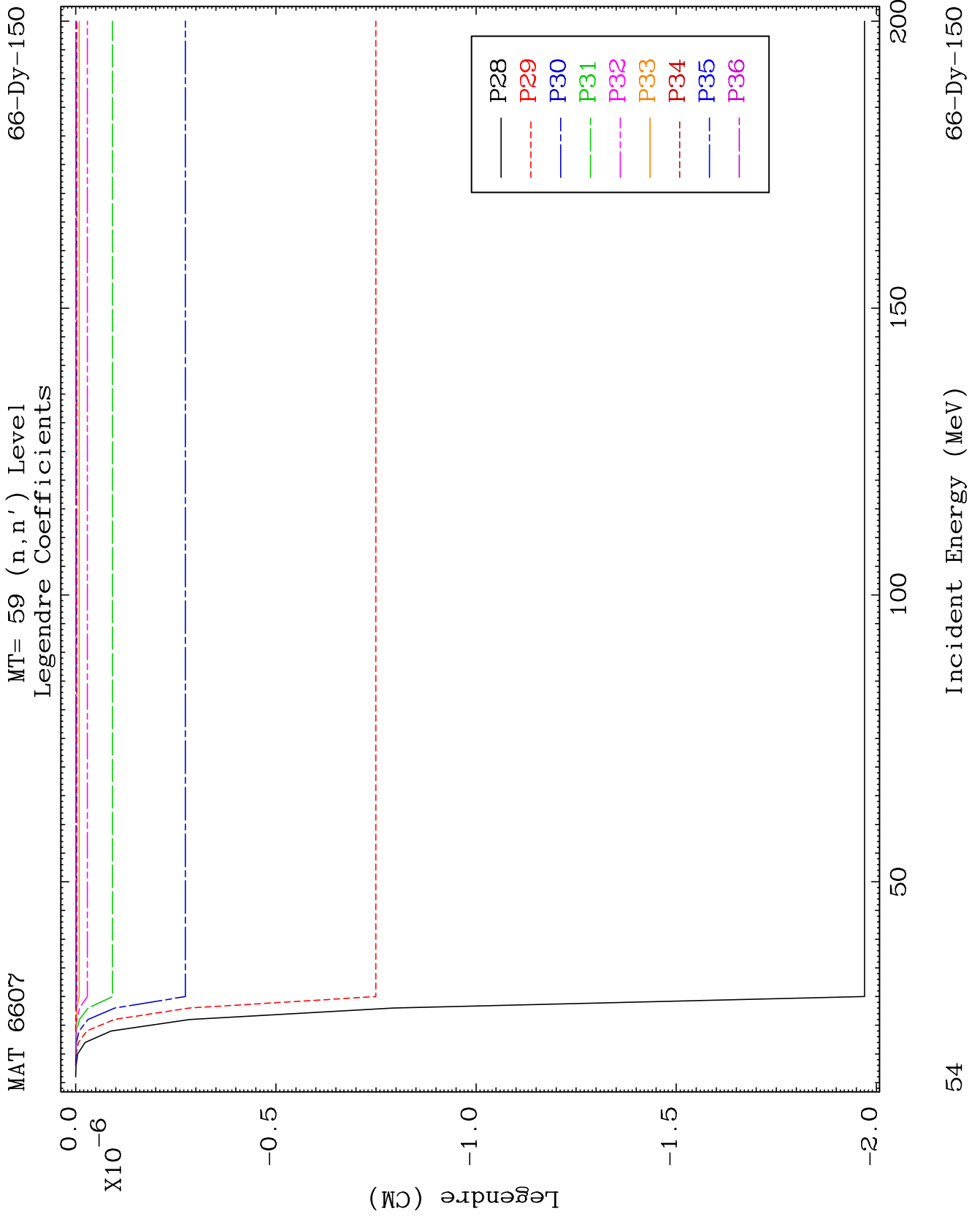
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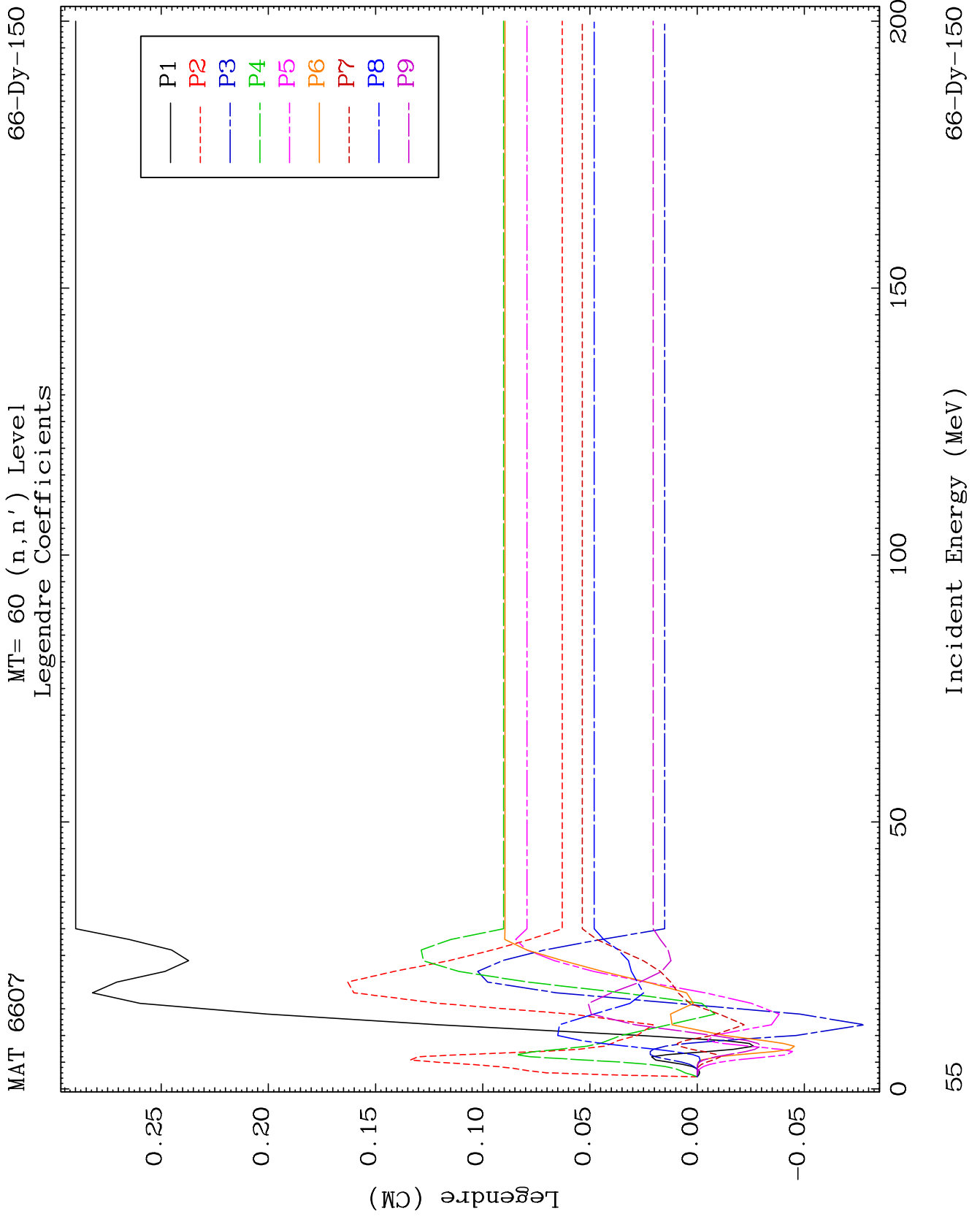
MAT 6607

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

66-Dy-150







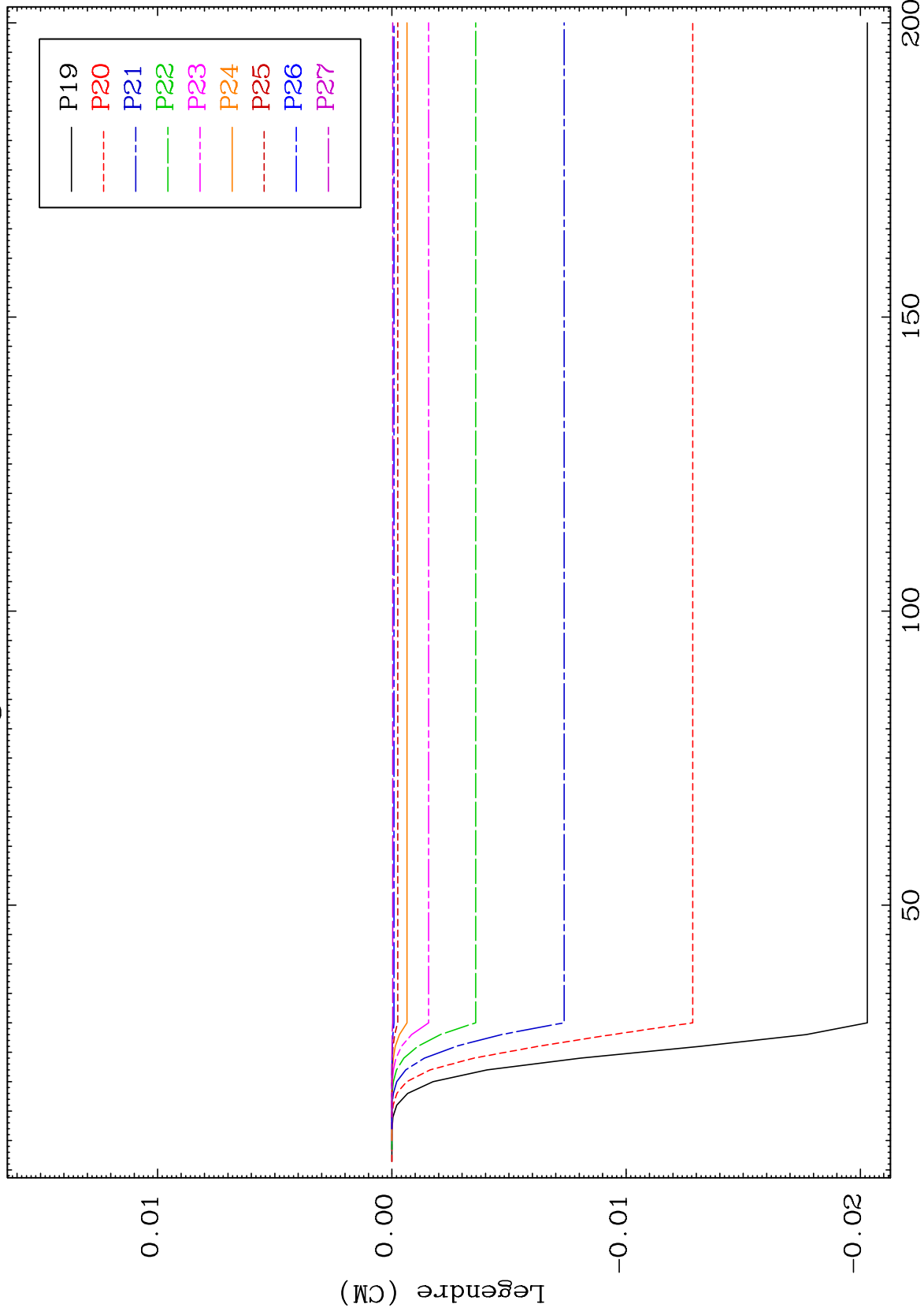




MAT 6607

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

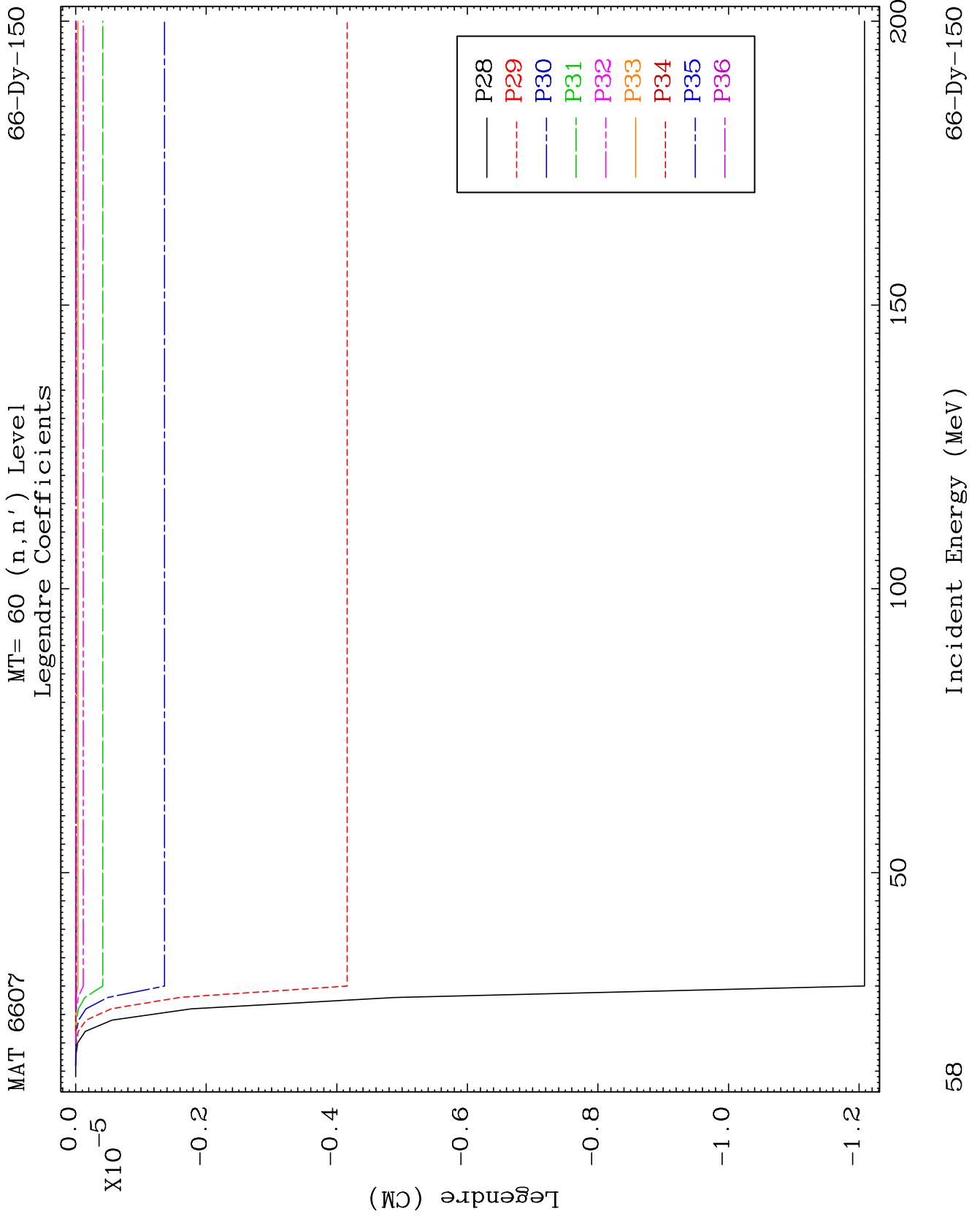
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57

Incident Energy (MeV)

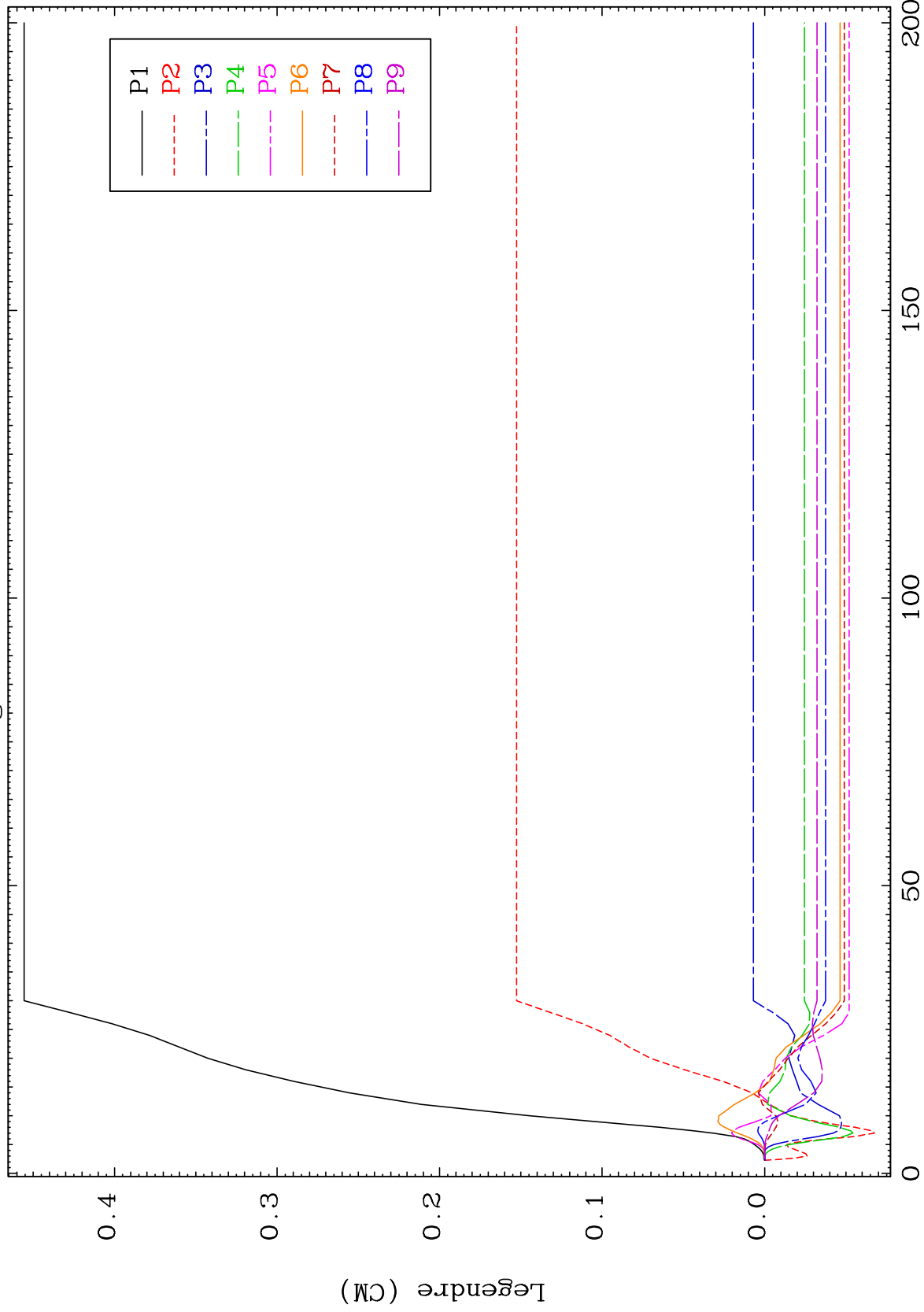
66-Dy-150



MAT 6607

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

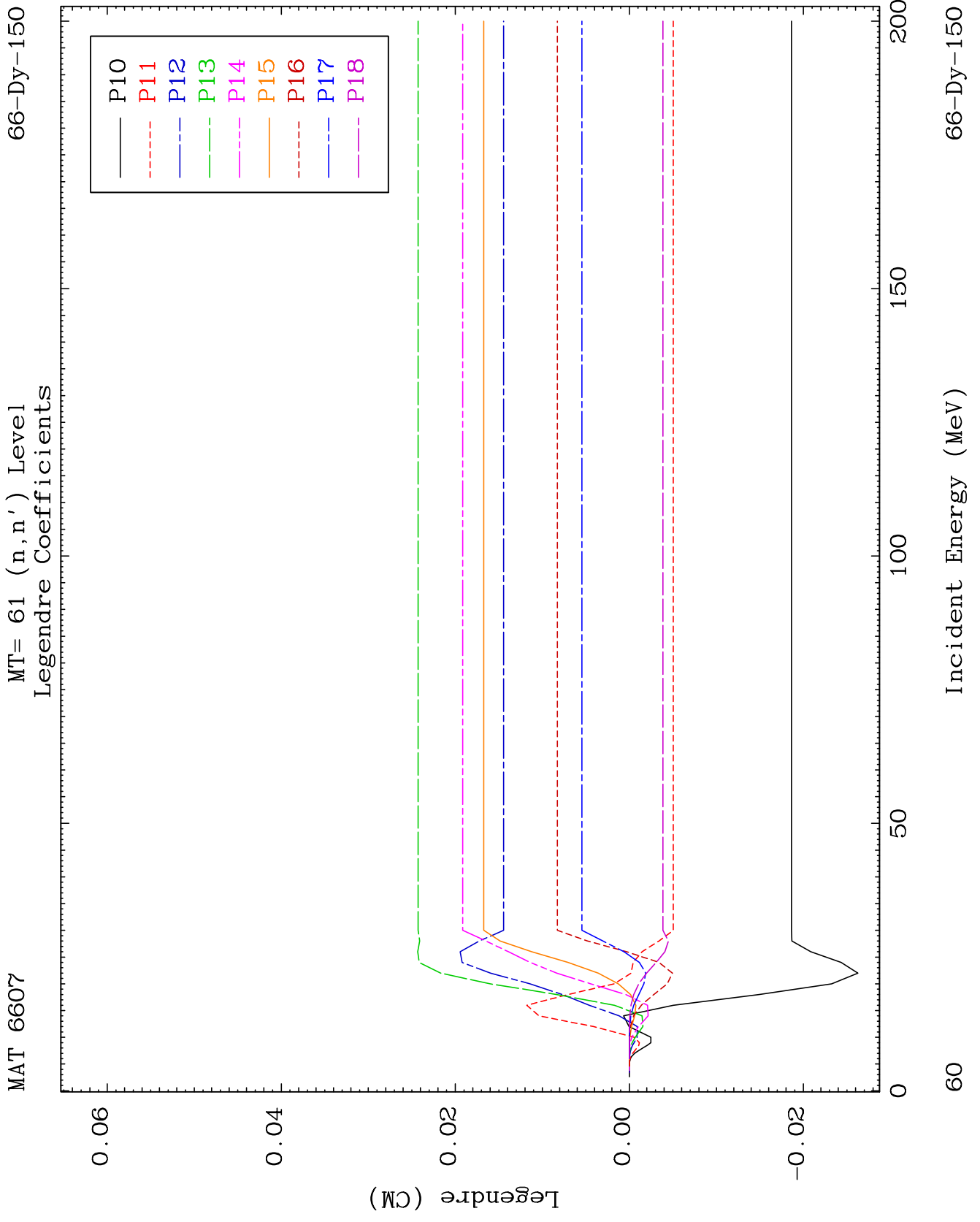
66-Dy-150



59

Incident Energy (MeV)

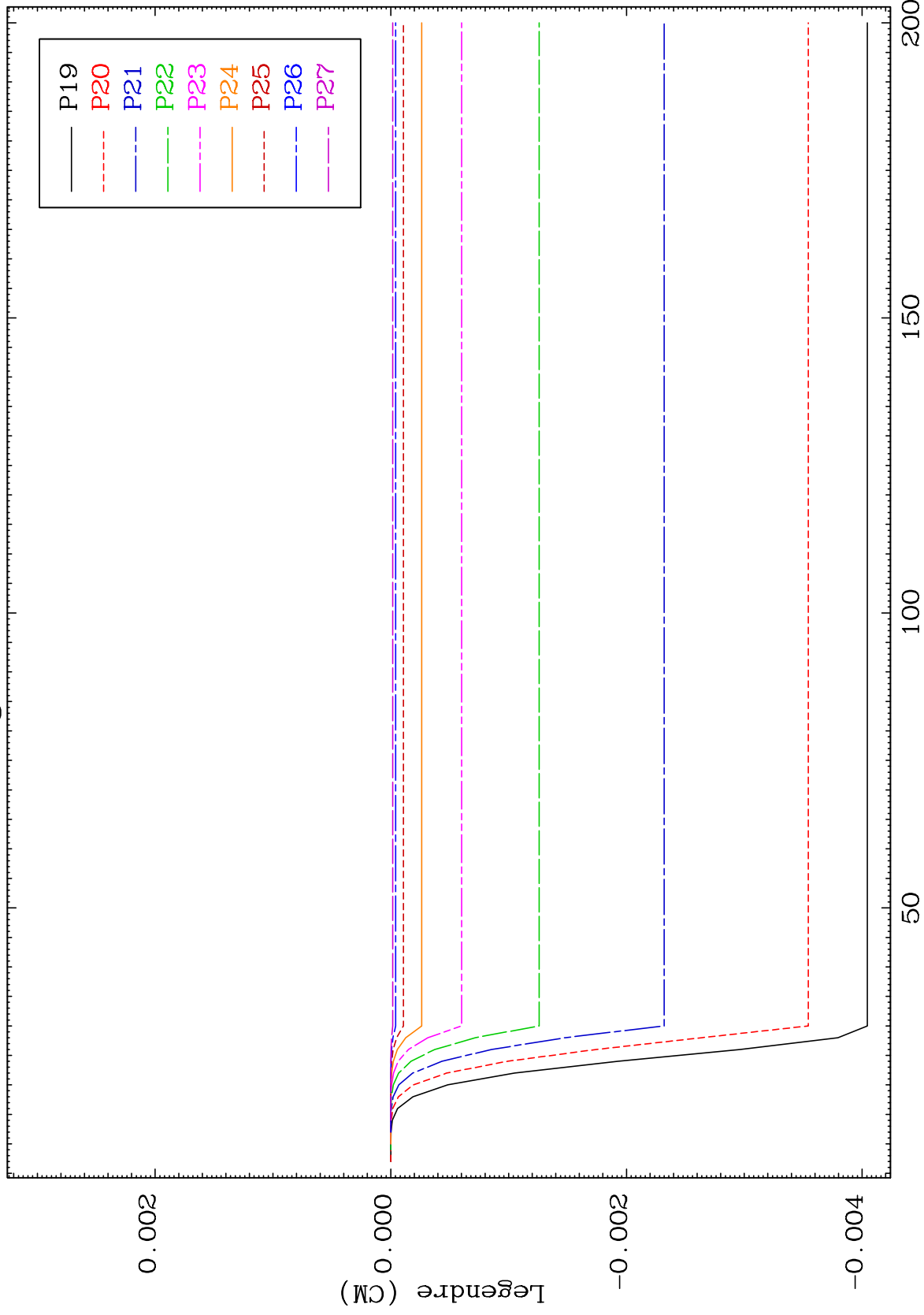
66-Dy-150



MAT 6607

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

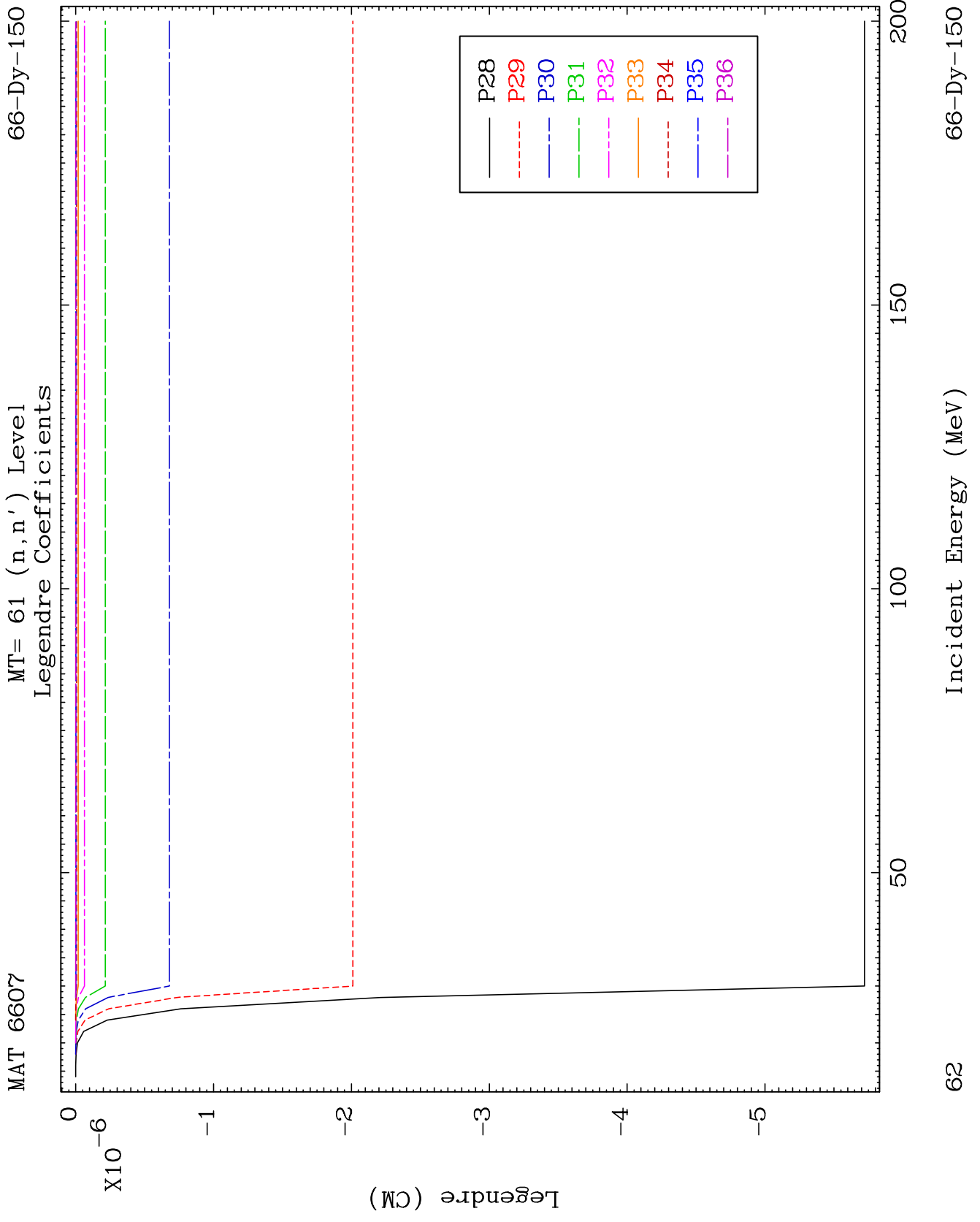
66-Dy-150

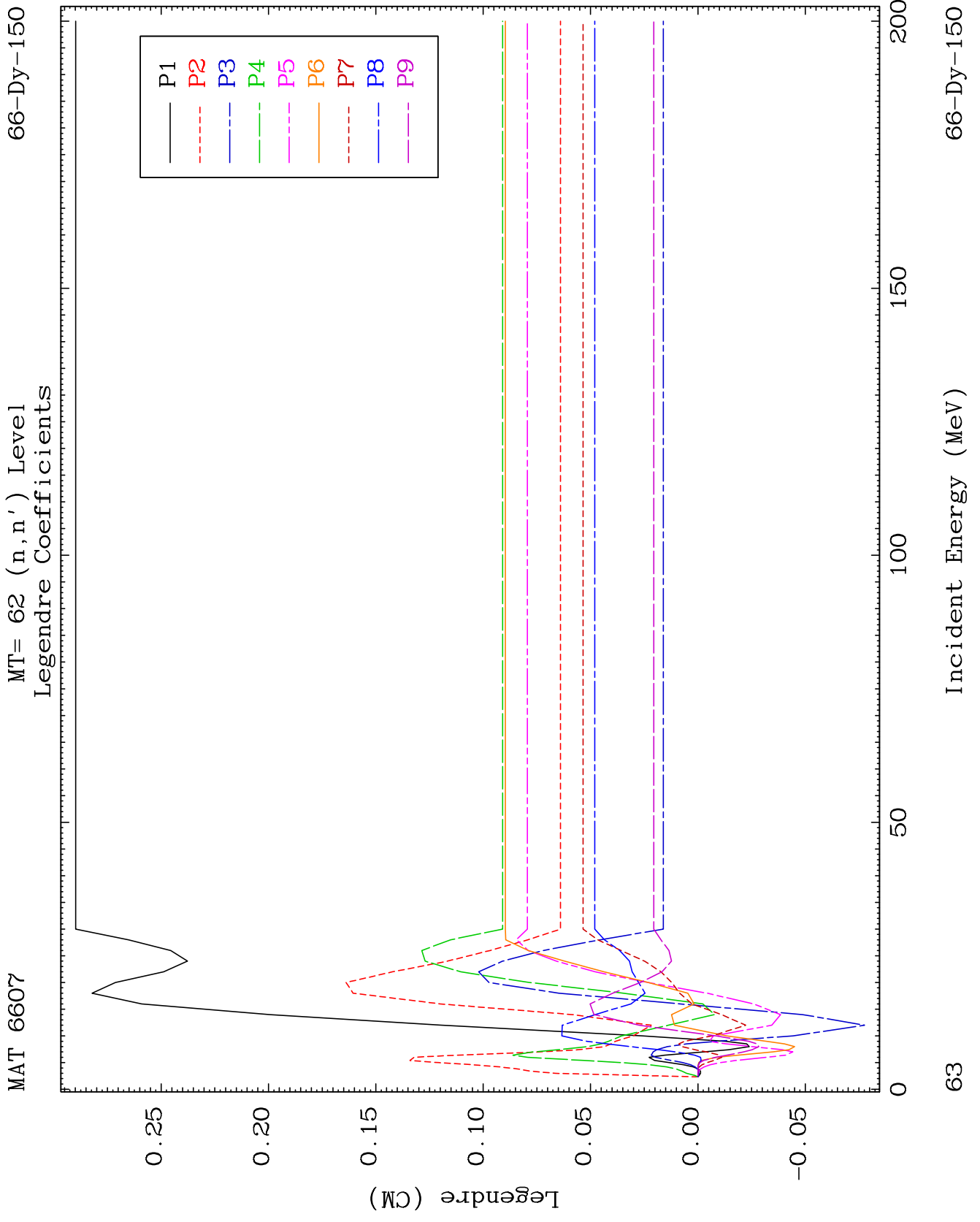


61

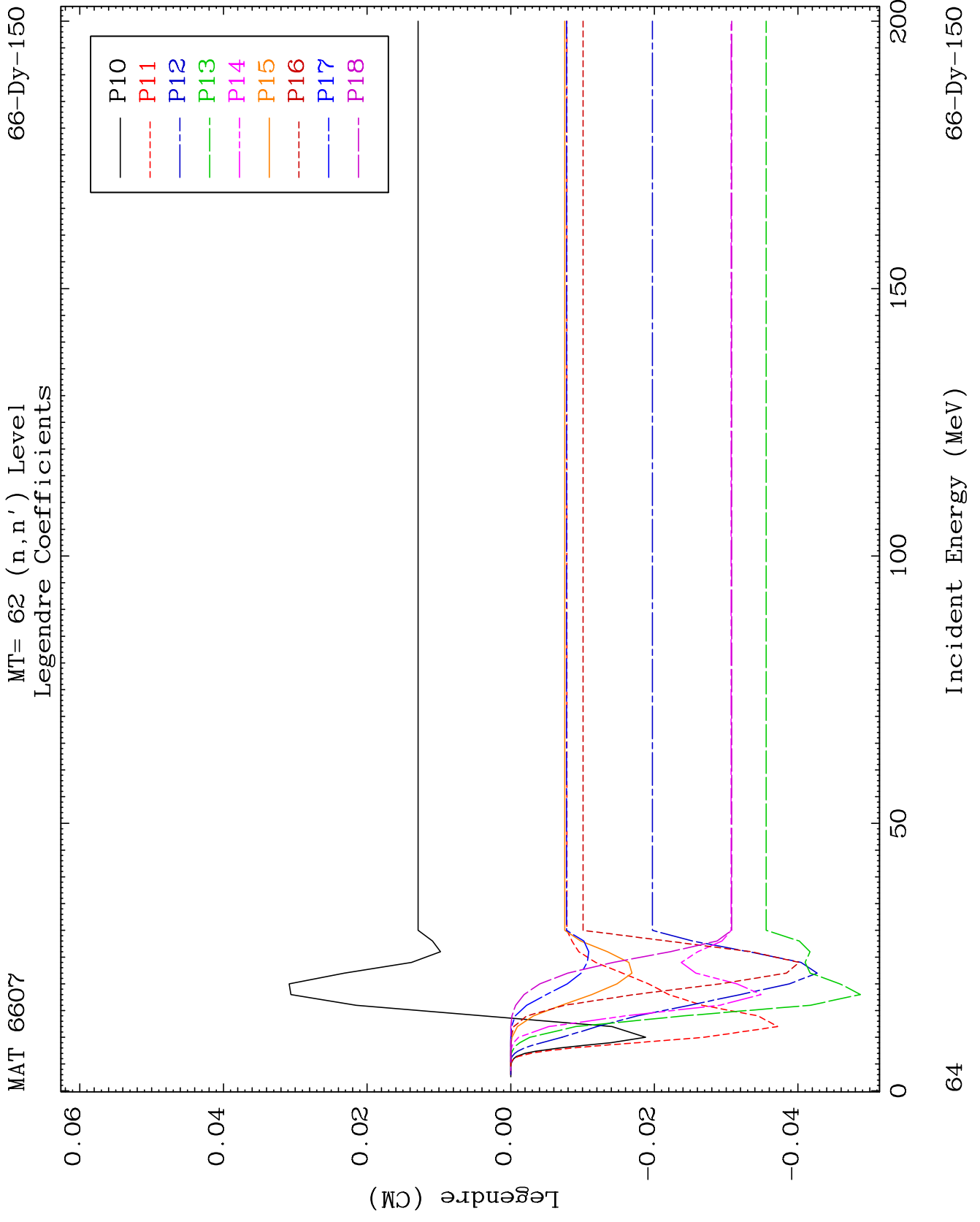
Incident Energy (MeV)

66-Dy-150





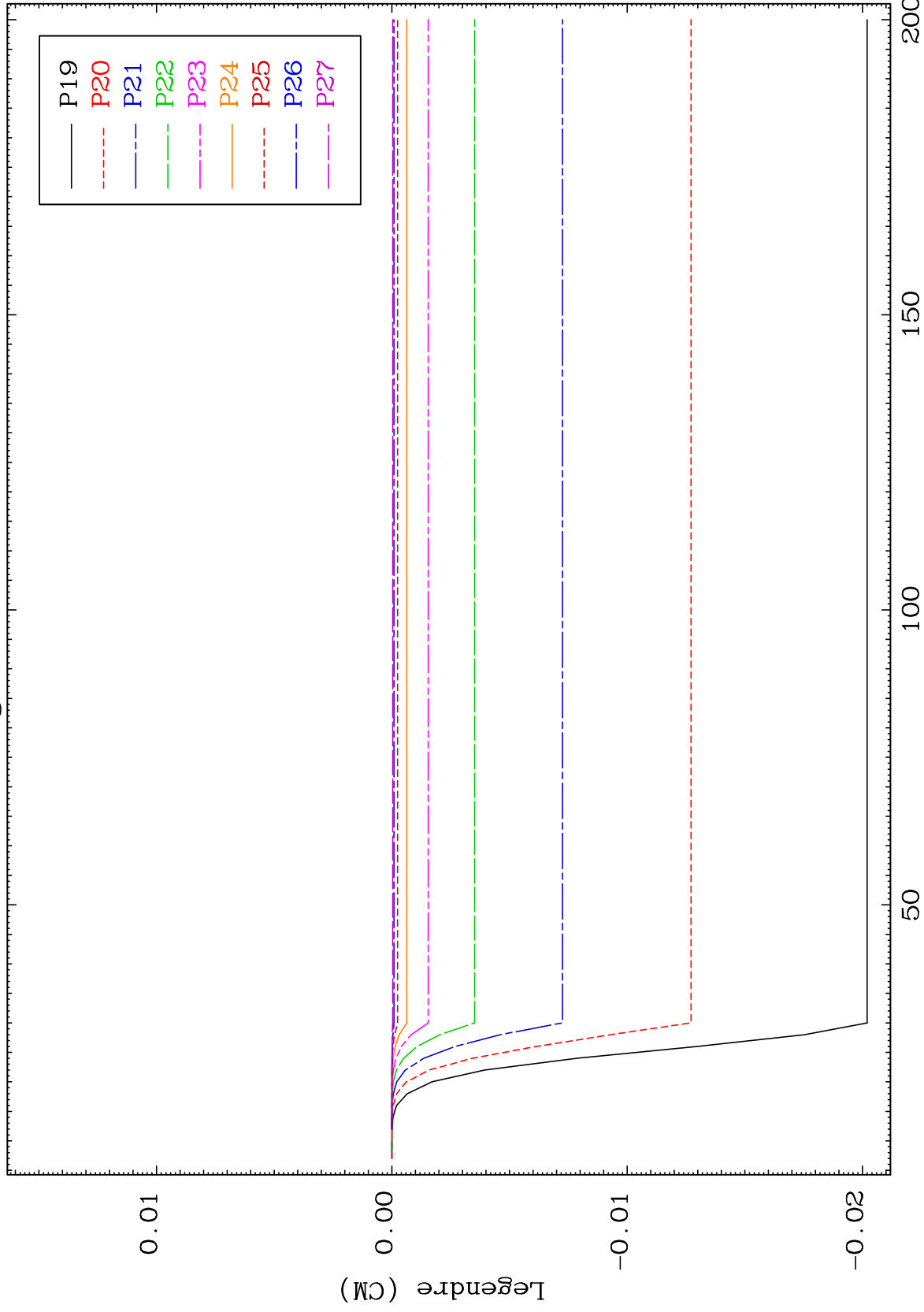




MAT 6607

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

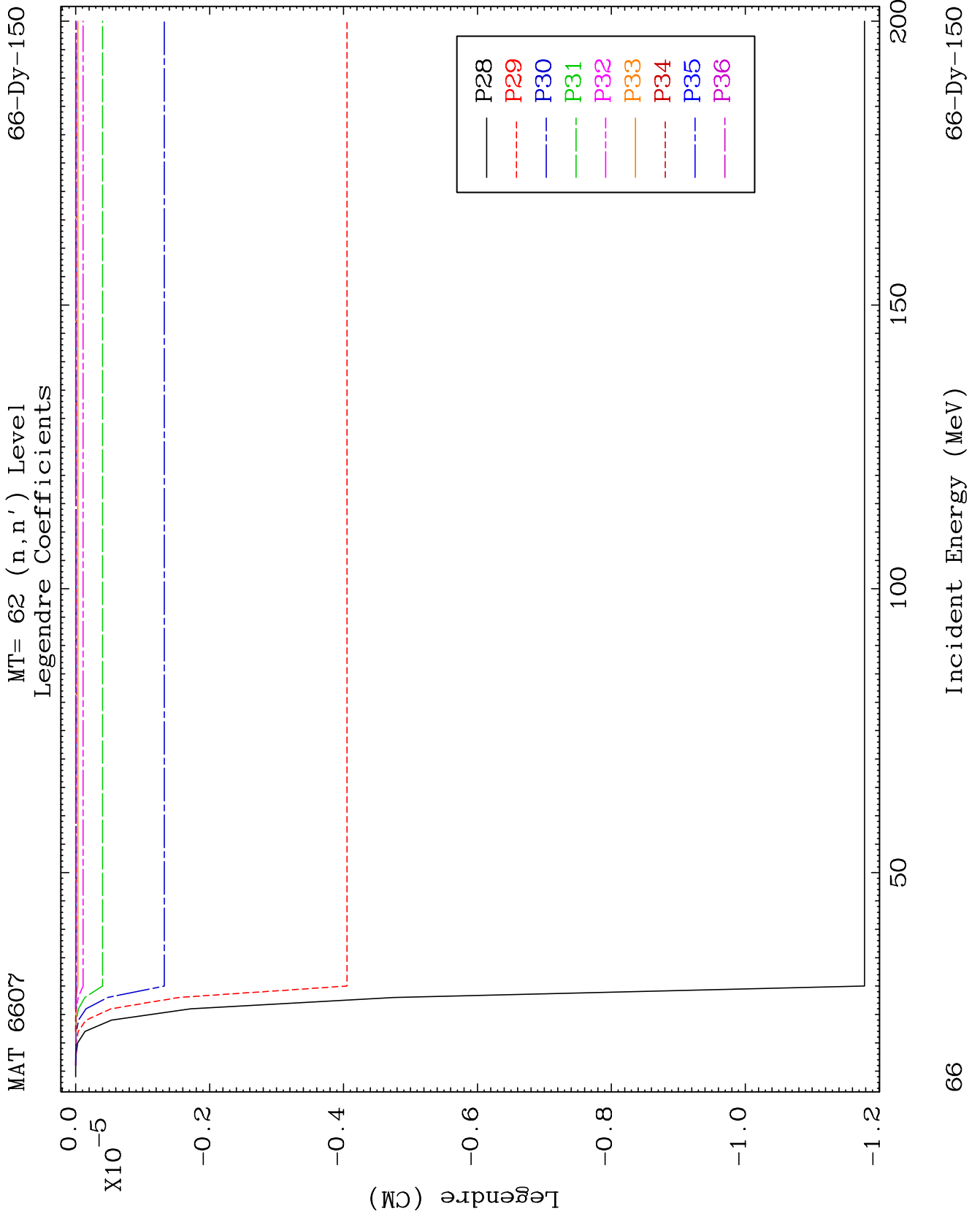
66-Dy-150



65

Incident Energy (MeV)

66-Dy-150

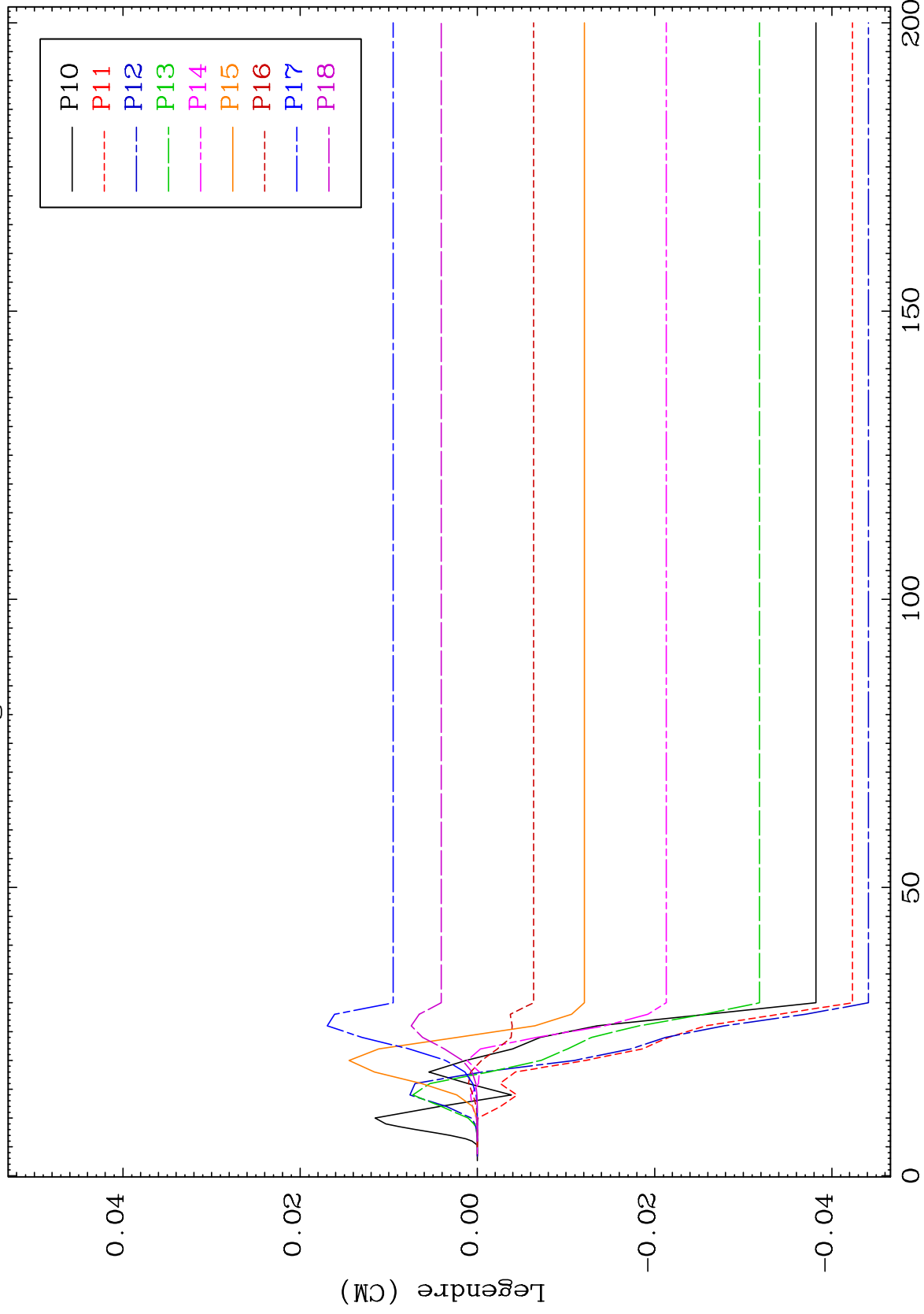




MAT 6607

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

66-Dy-150



68

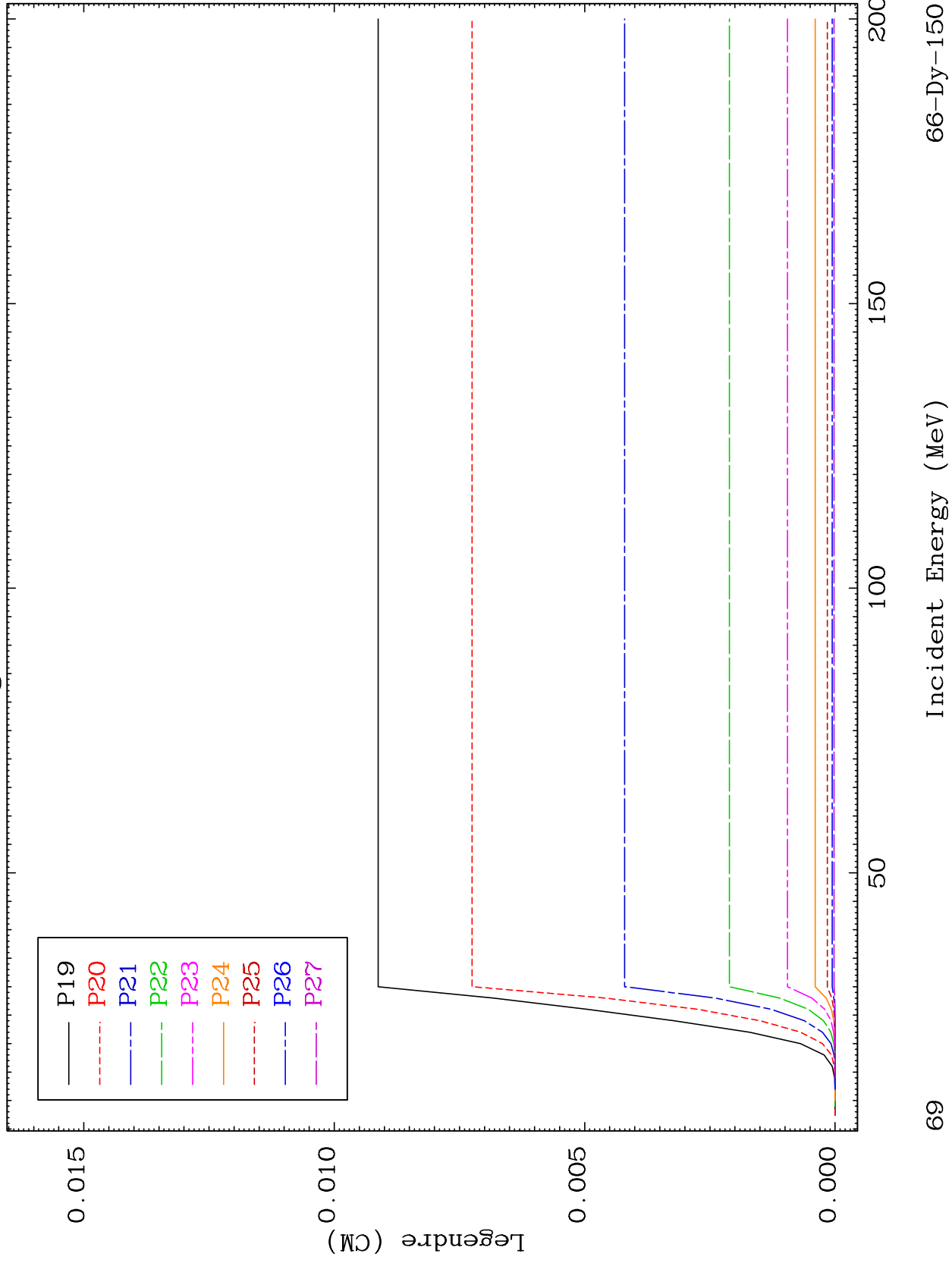
Incident Energy (MeV)

66-Dy-150

MAT 6607

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

66-Dy-150



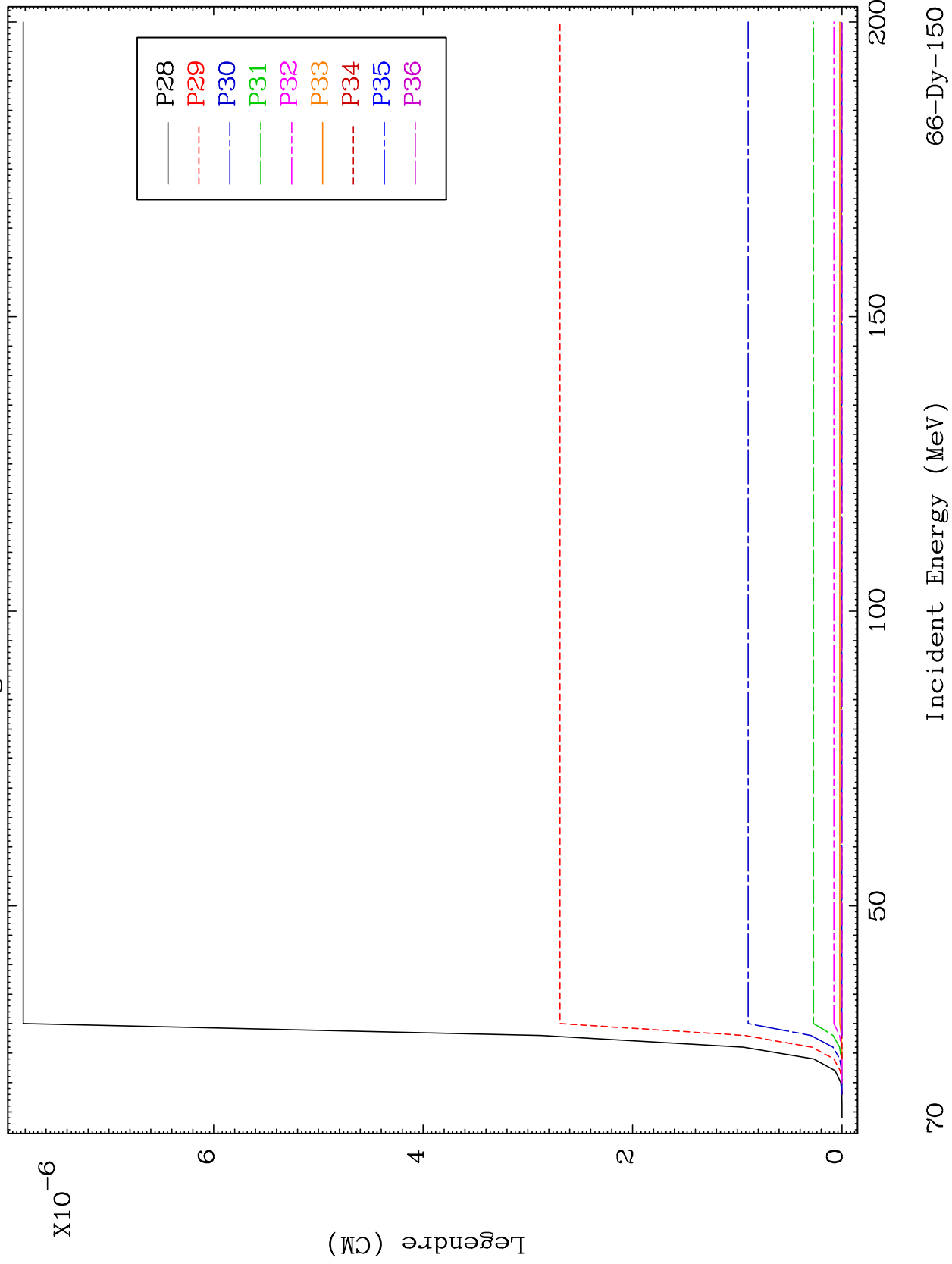
69

66-Dy-150

MAT 6607

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

66-Dy-150



66-Dy-150

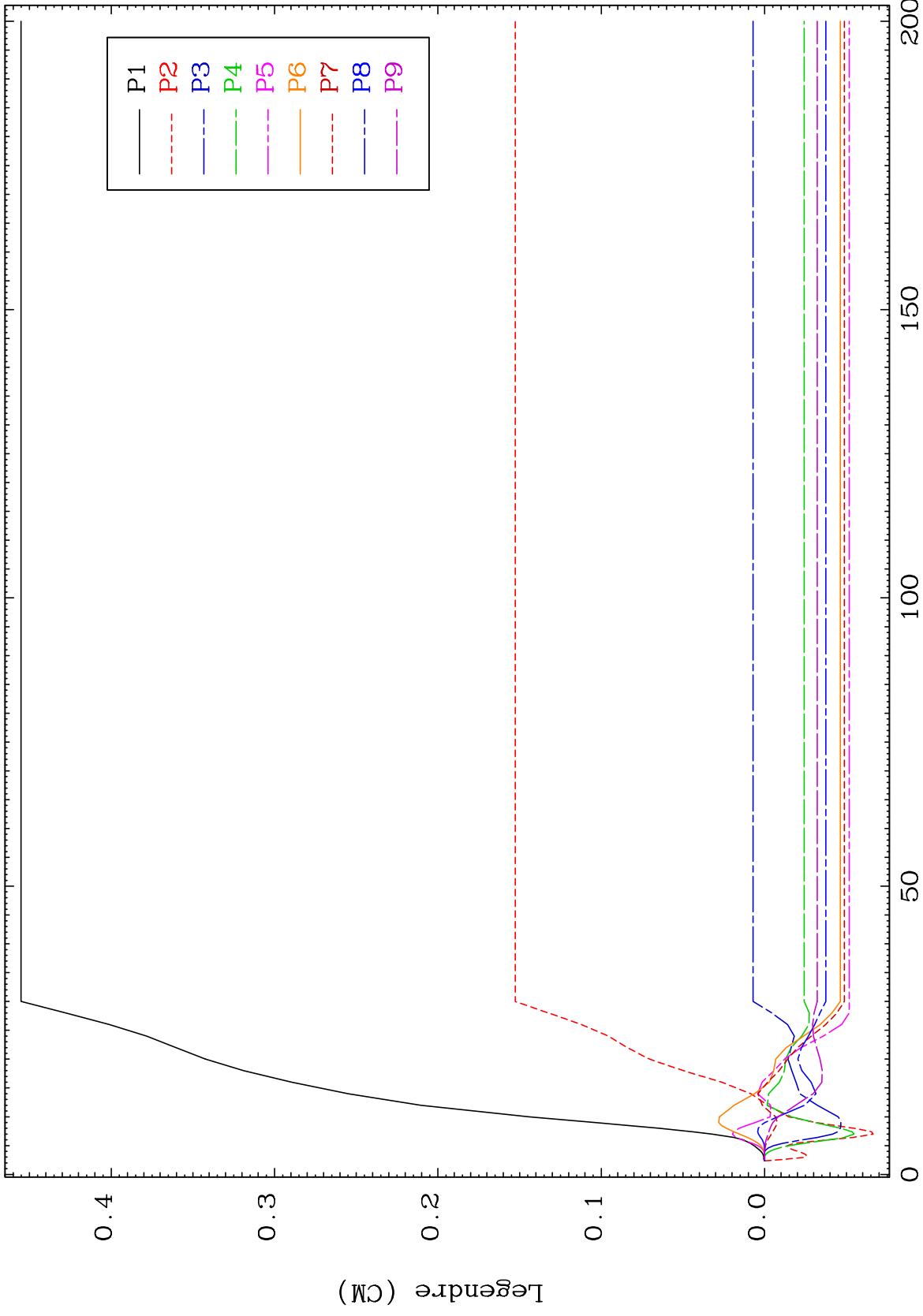
Incident Energy (MeV)

70

MAT 6607

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

66-Dy-150



71

Incident Energy (MeV)

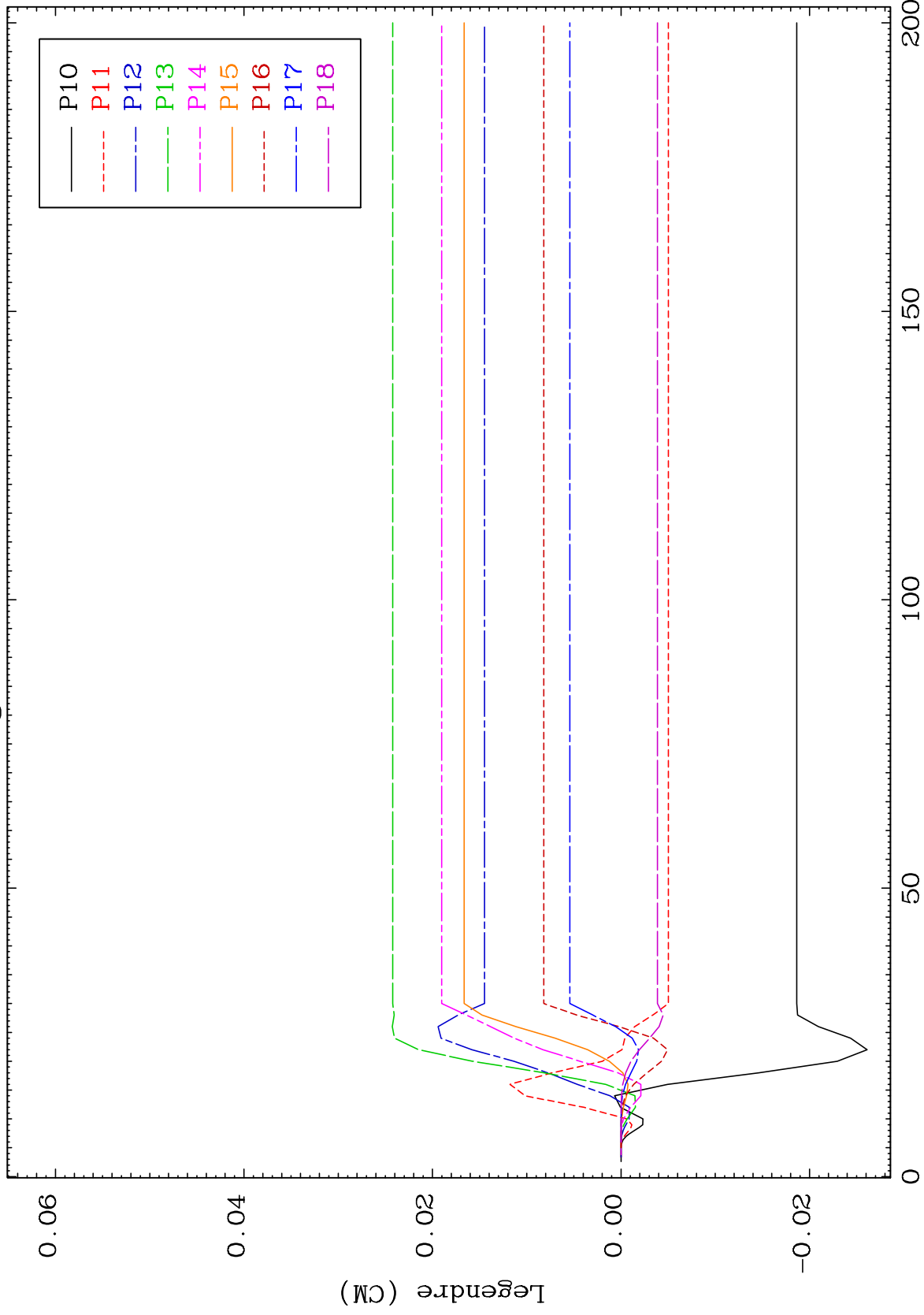
66-Dy-150



MAT 6607

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

66-Dy-150



72

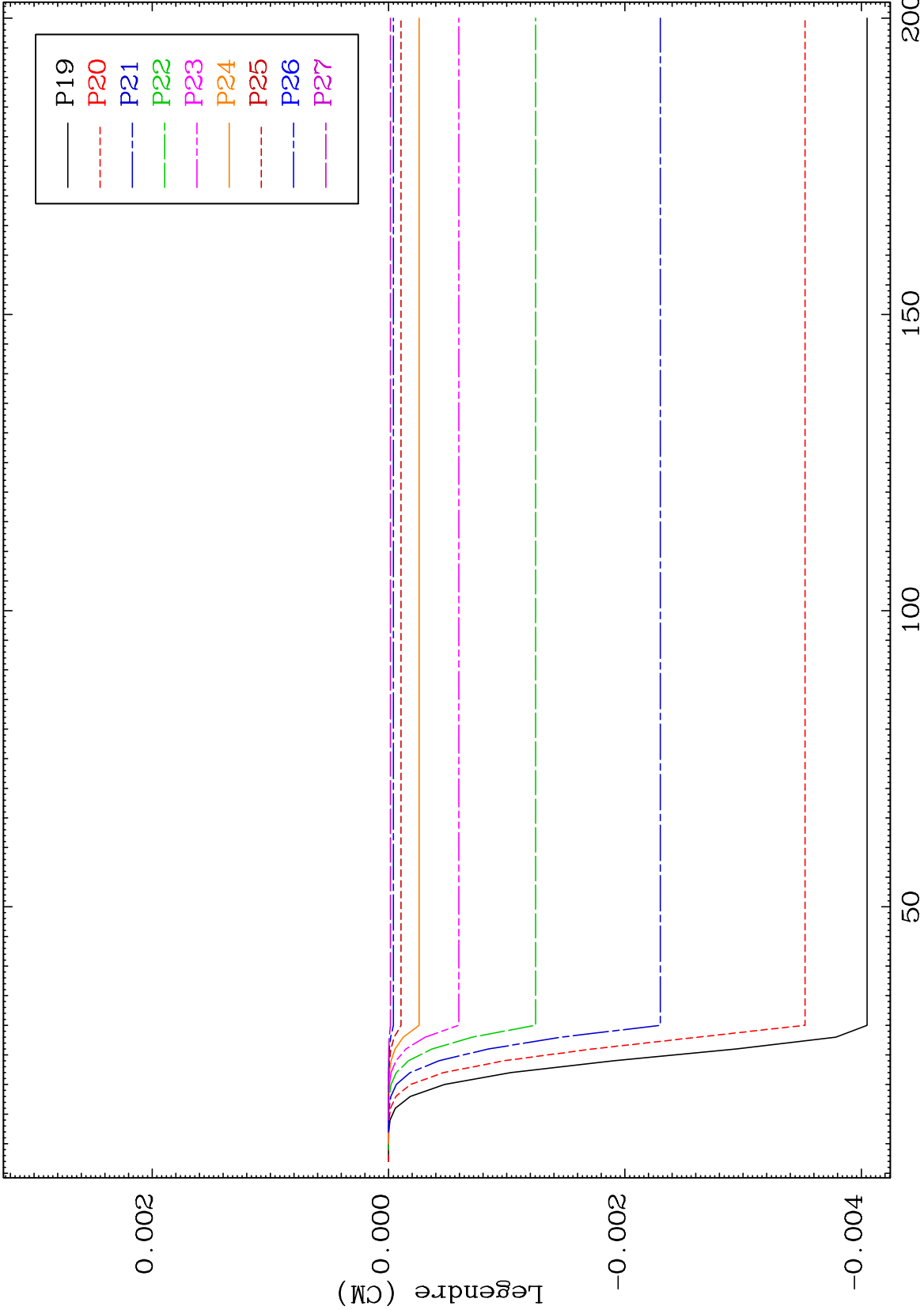
Incident Energy (MeV)

66-Dy-150

MAT 6607

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

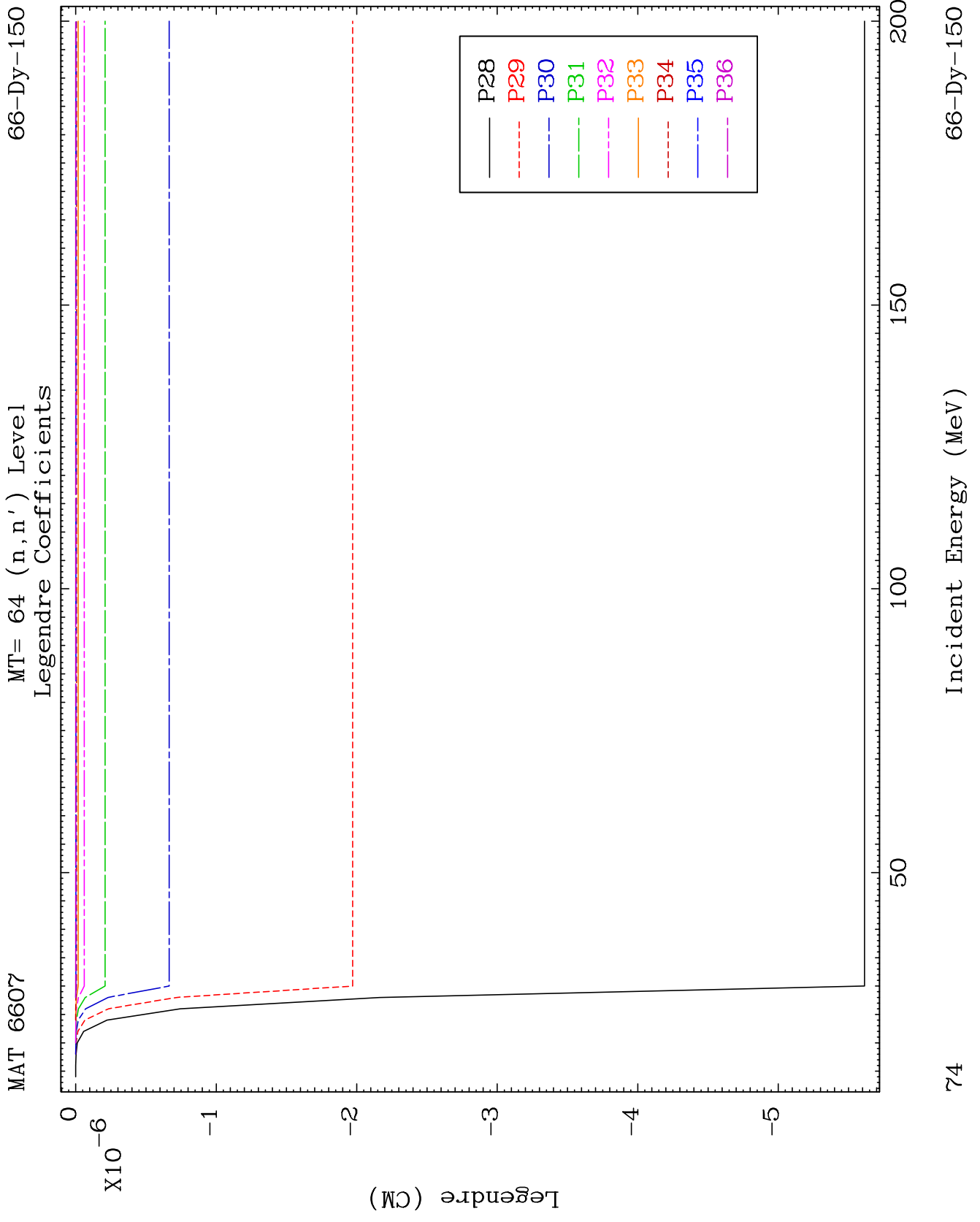
66-Dy-150



73

Incident Energy (MeV)

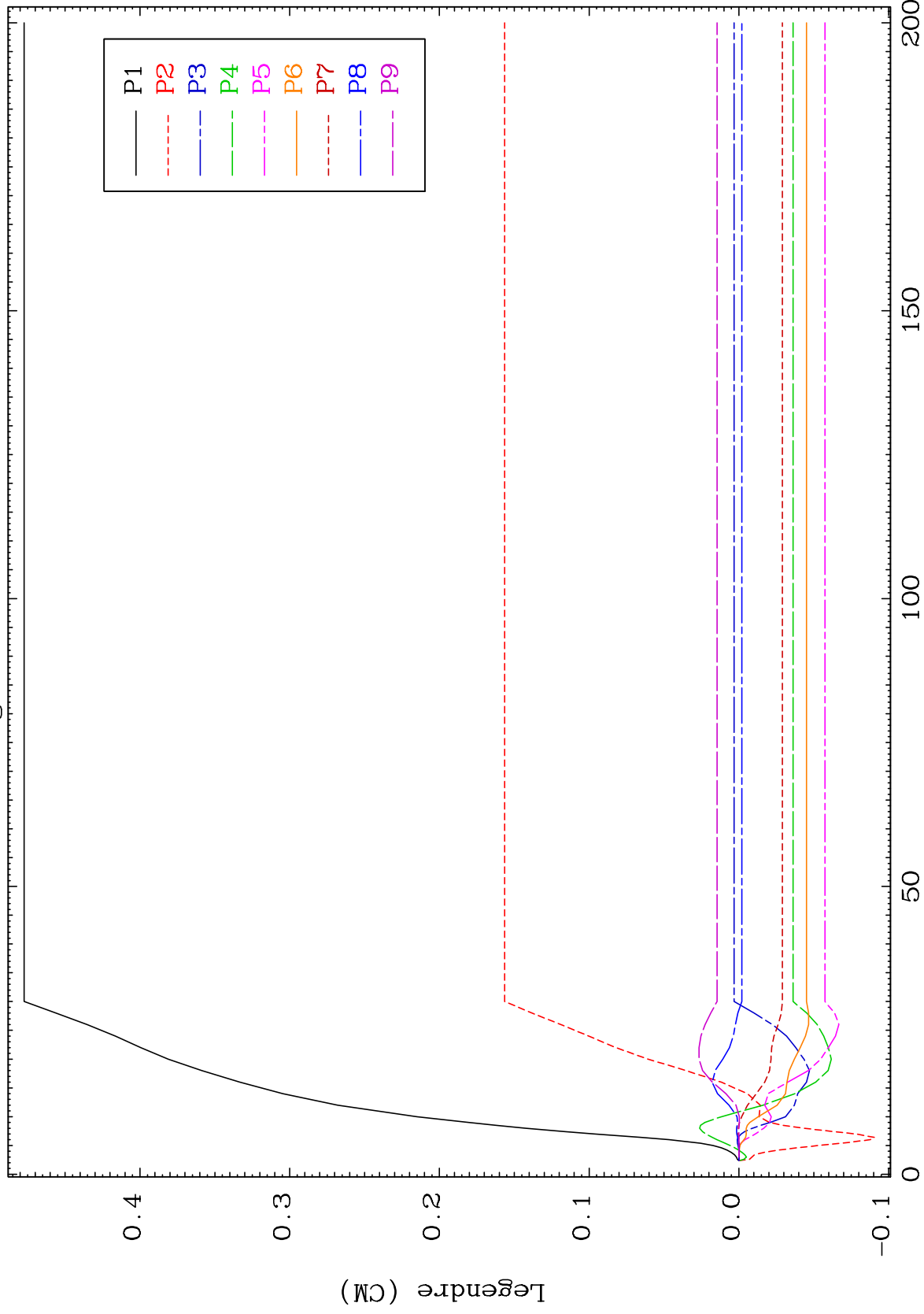
66-Dy-150



MAT 6607

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

66-Dy-150



66-Dy-150

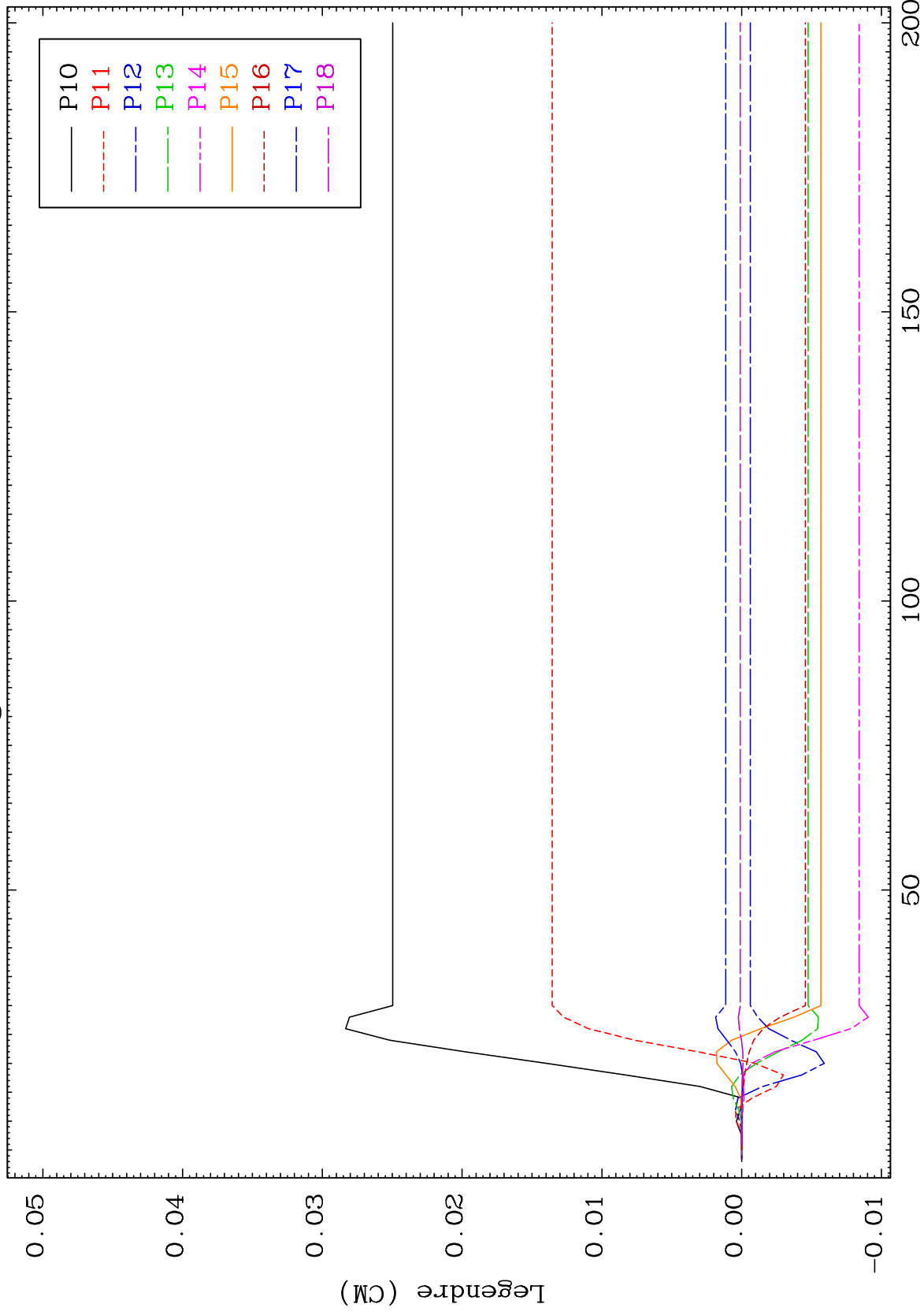
Incident Energy (MeV)

75

MAT 6607

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

66-Dy-150



76

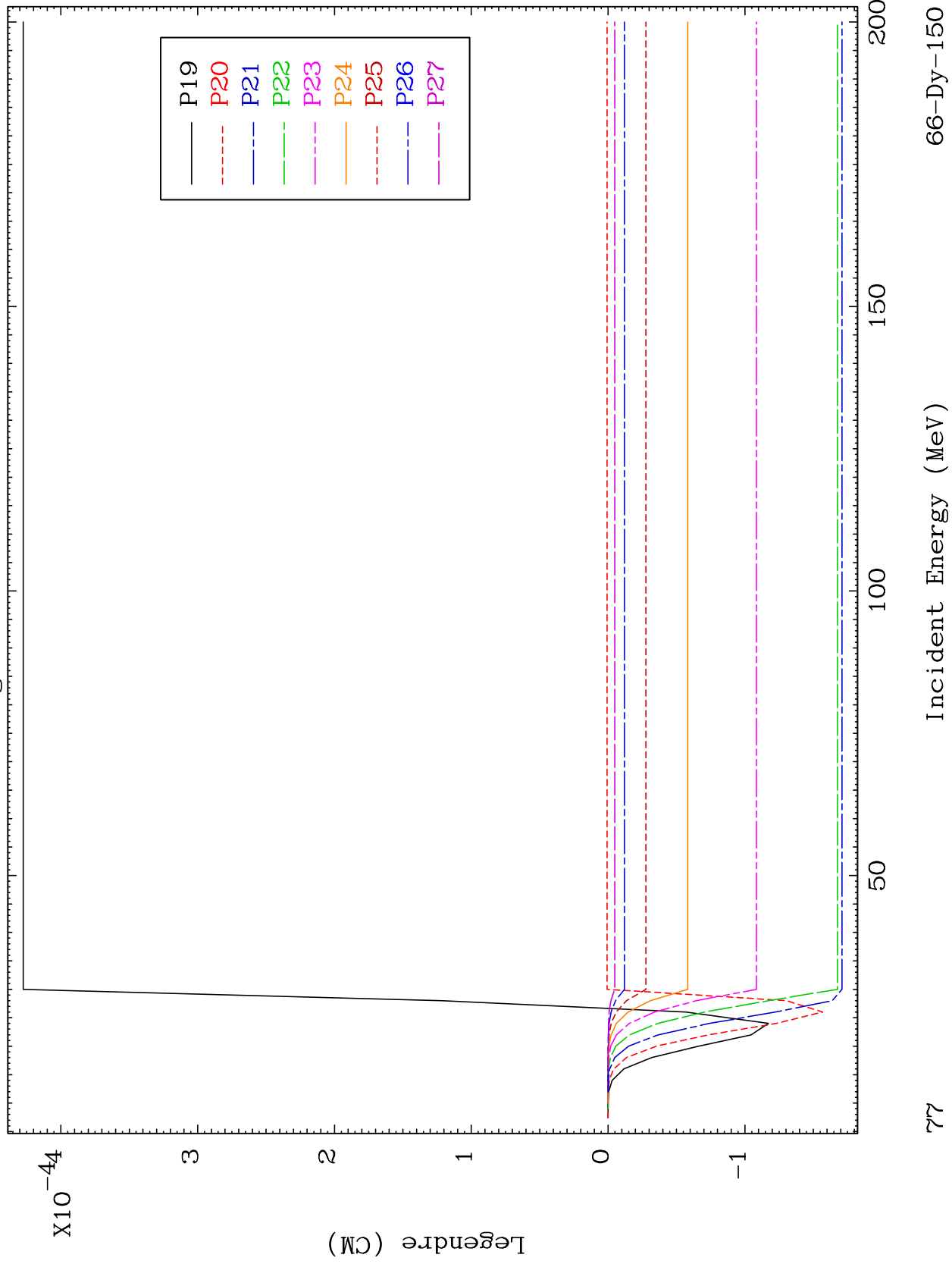
Incident Energy (MeV)

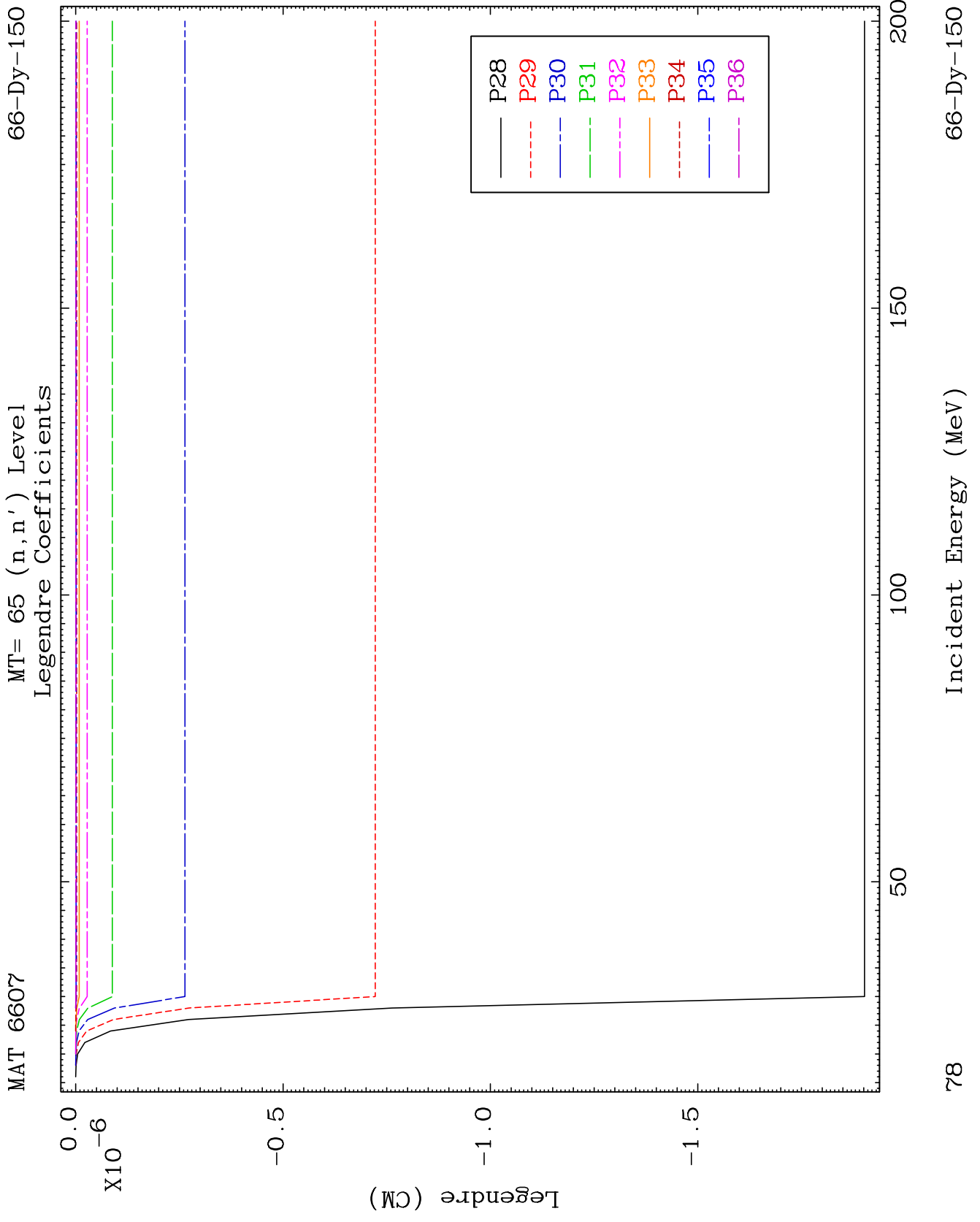
66-Dy-150

MAT 6607

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

66-Dy-150

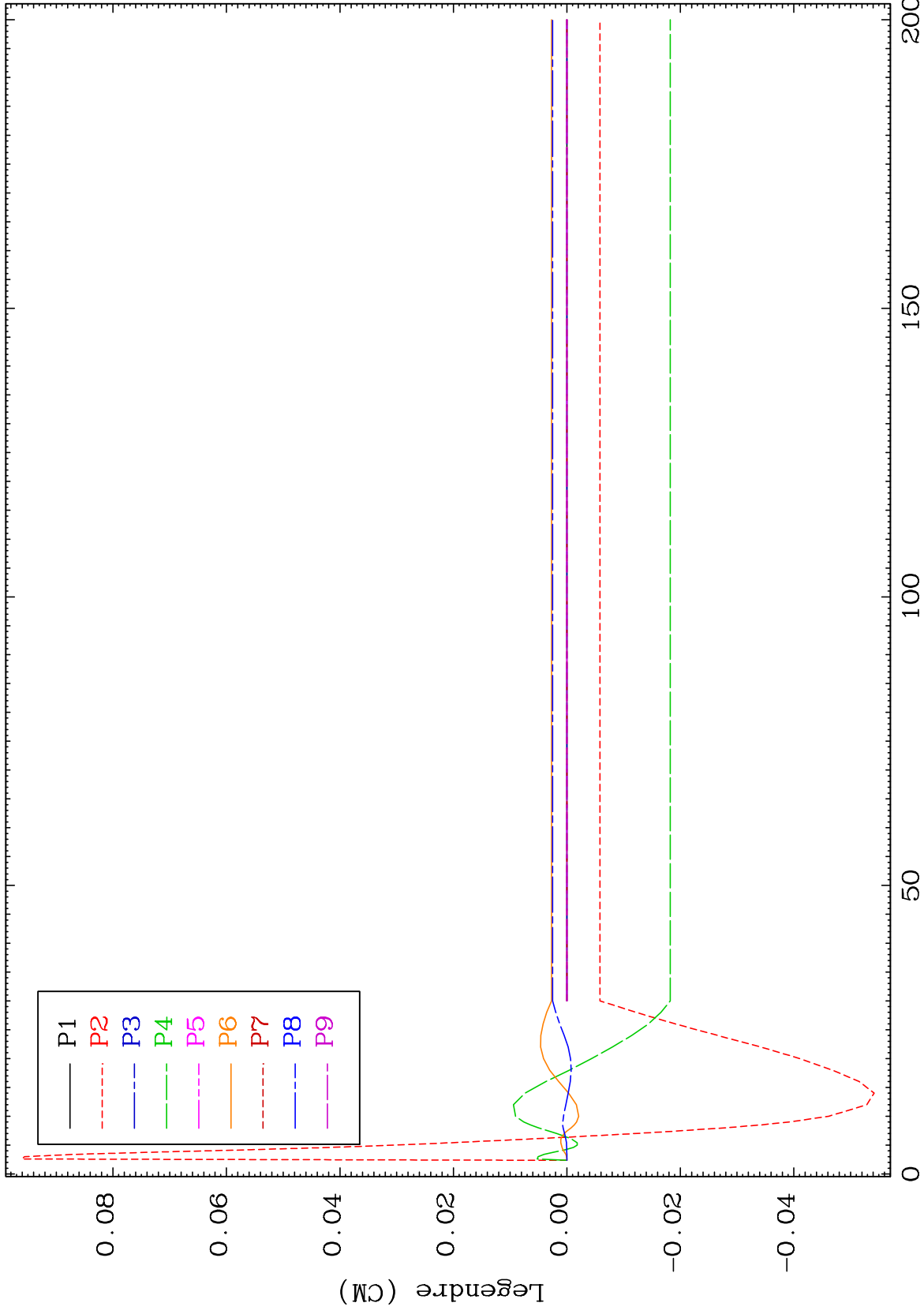




MAT 6607

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

66-Dy-150



79

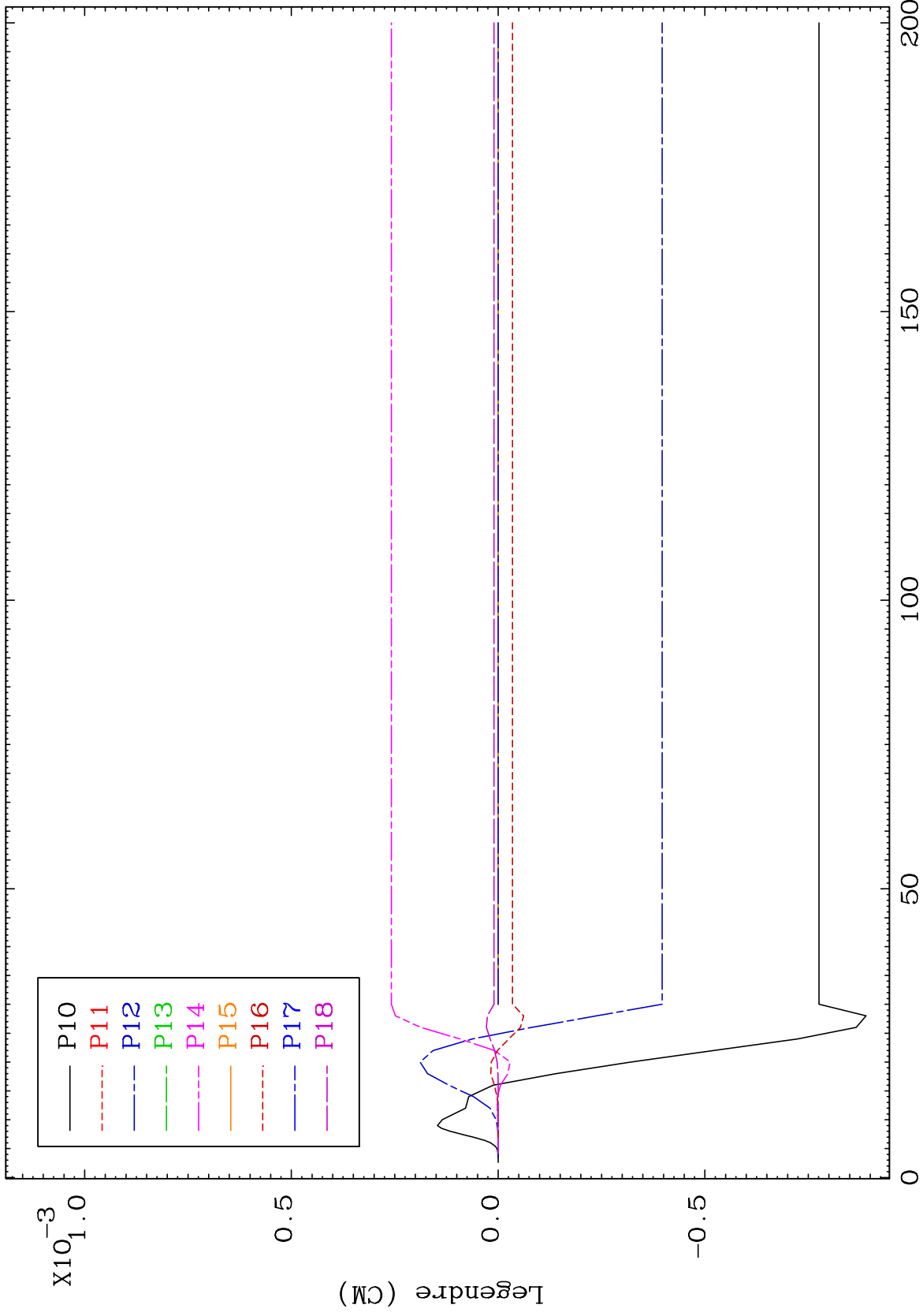
66-Dy-150



MAT 6607

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

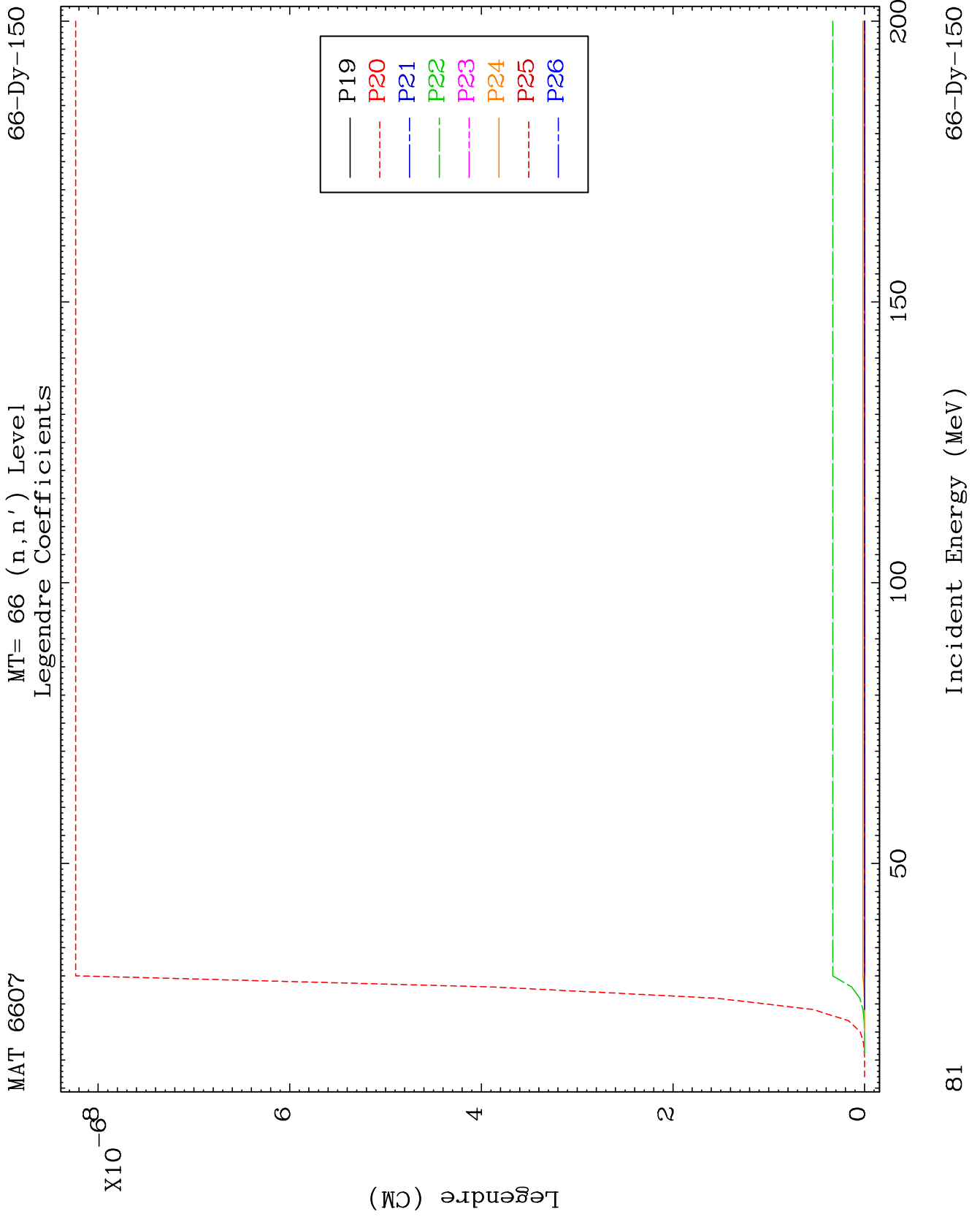
66-Dy-150



80

Incident Energy (MeV)

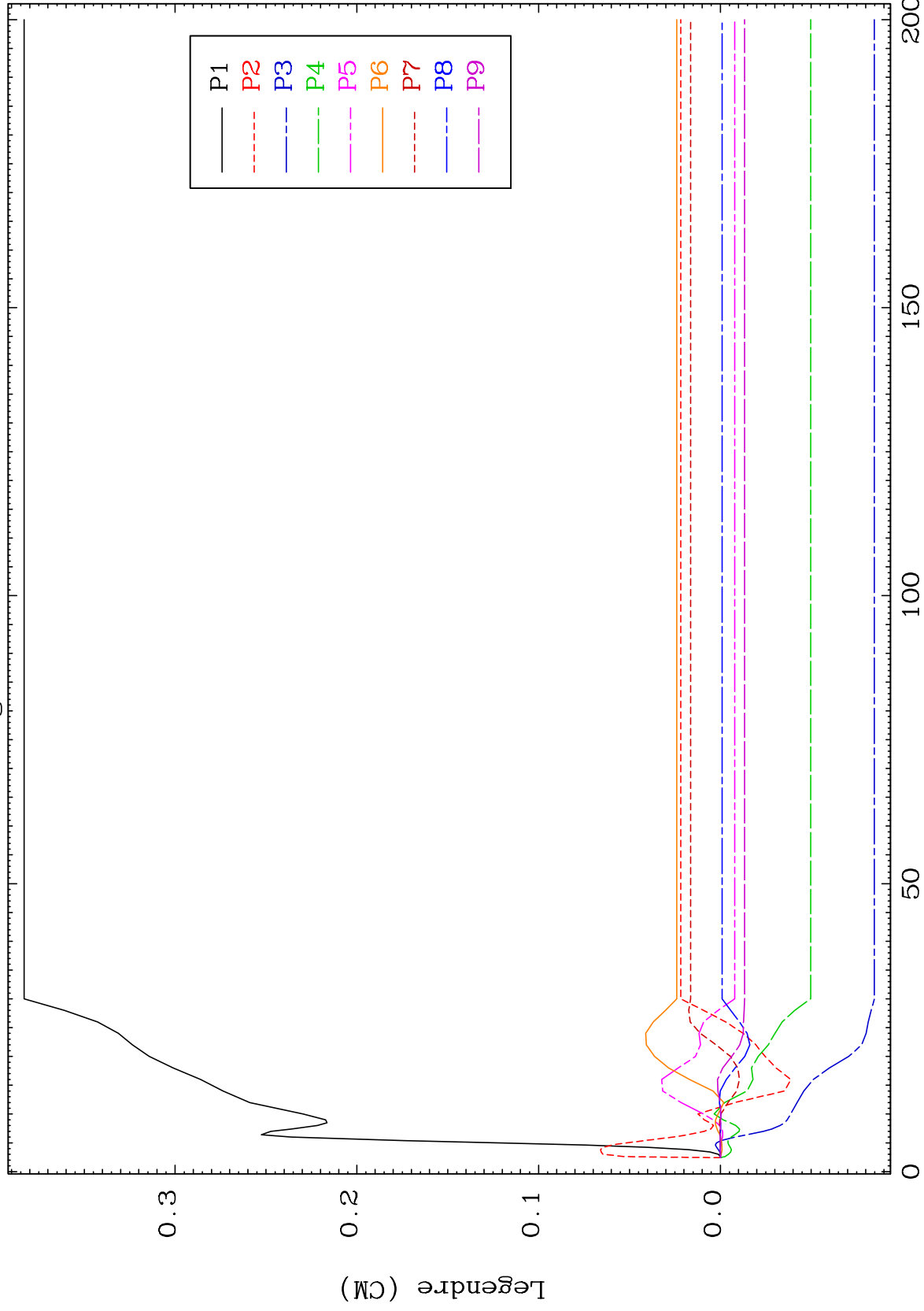
66-Dy-150



MAT 6607

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

66-Dy-150



82

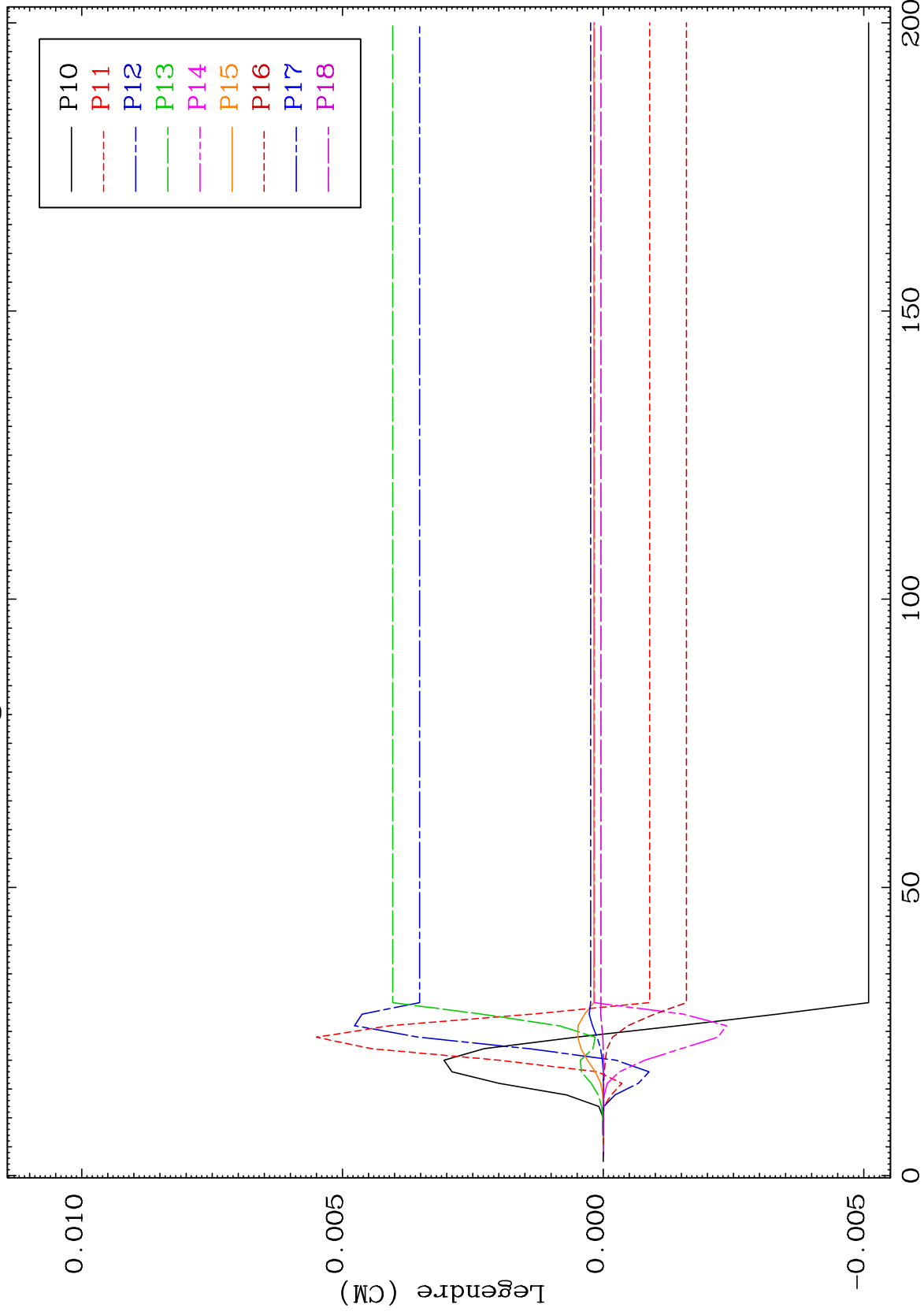
Incident Energy (MeV)

66-Dy-150

MAT 6607

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

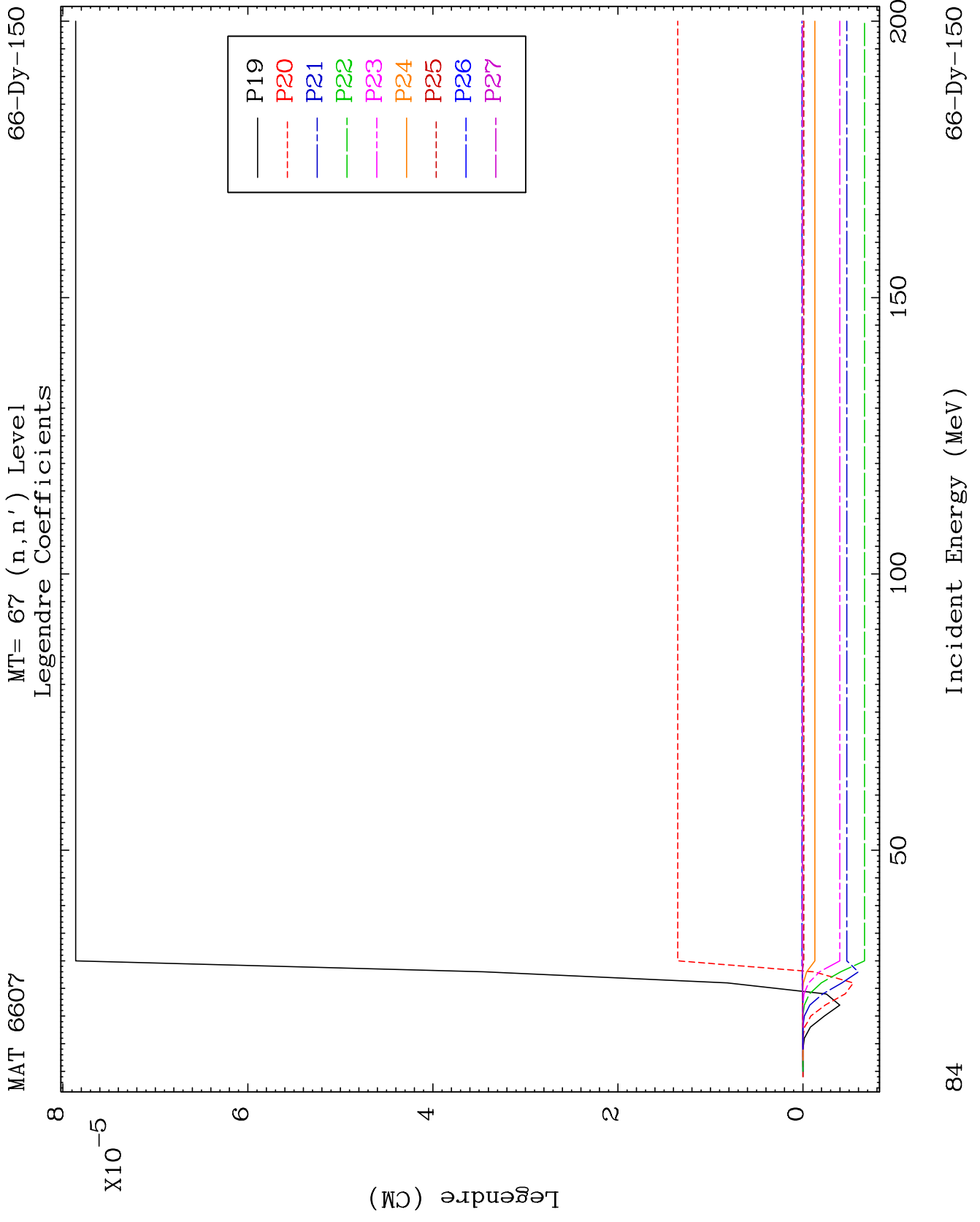
66-Dy-150



83

Incident Energy (MeV)

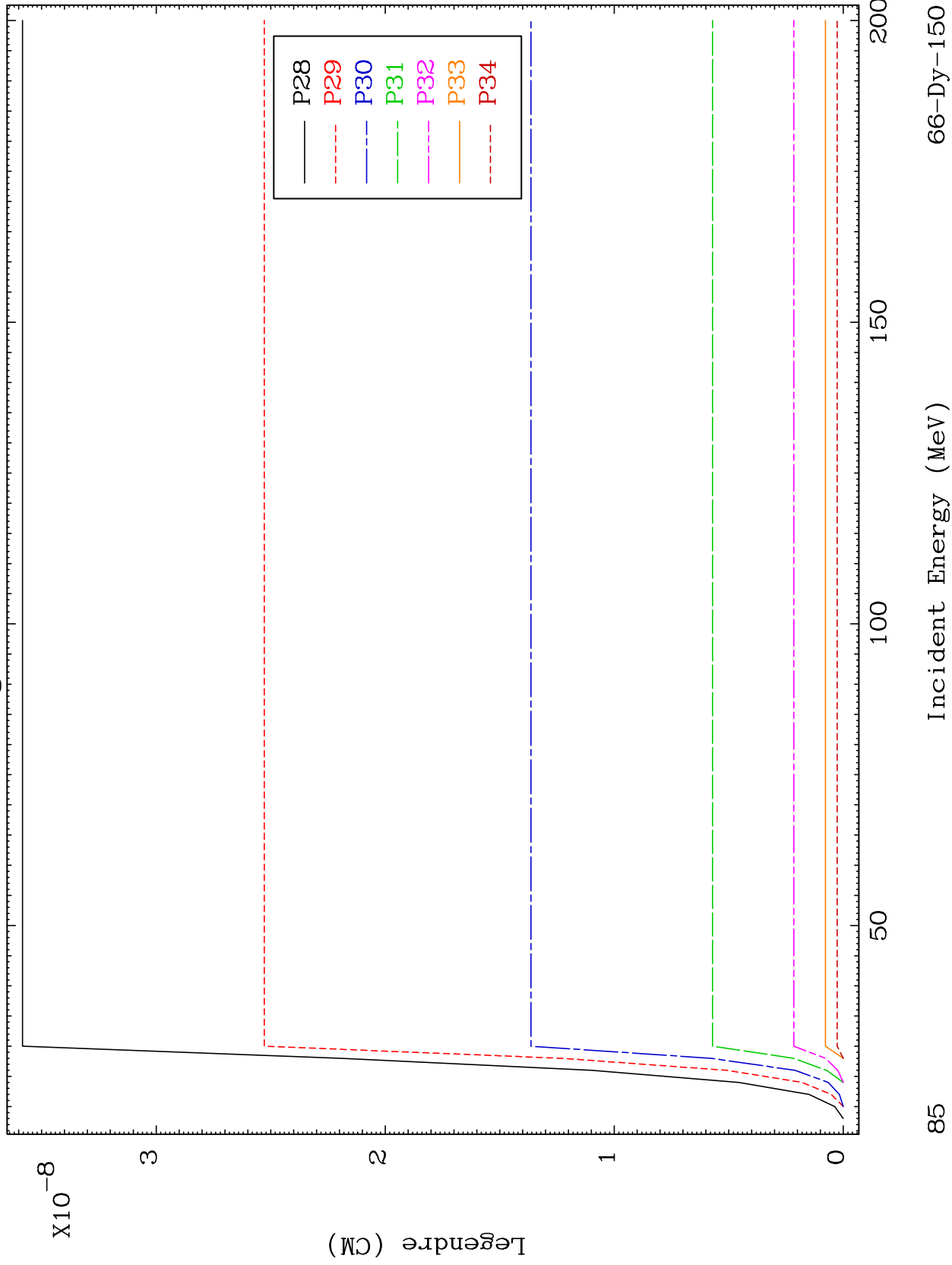
66-Dy-150



MAT 6607

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

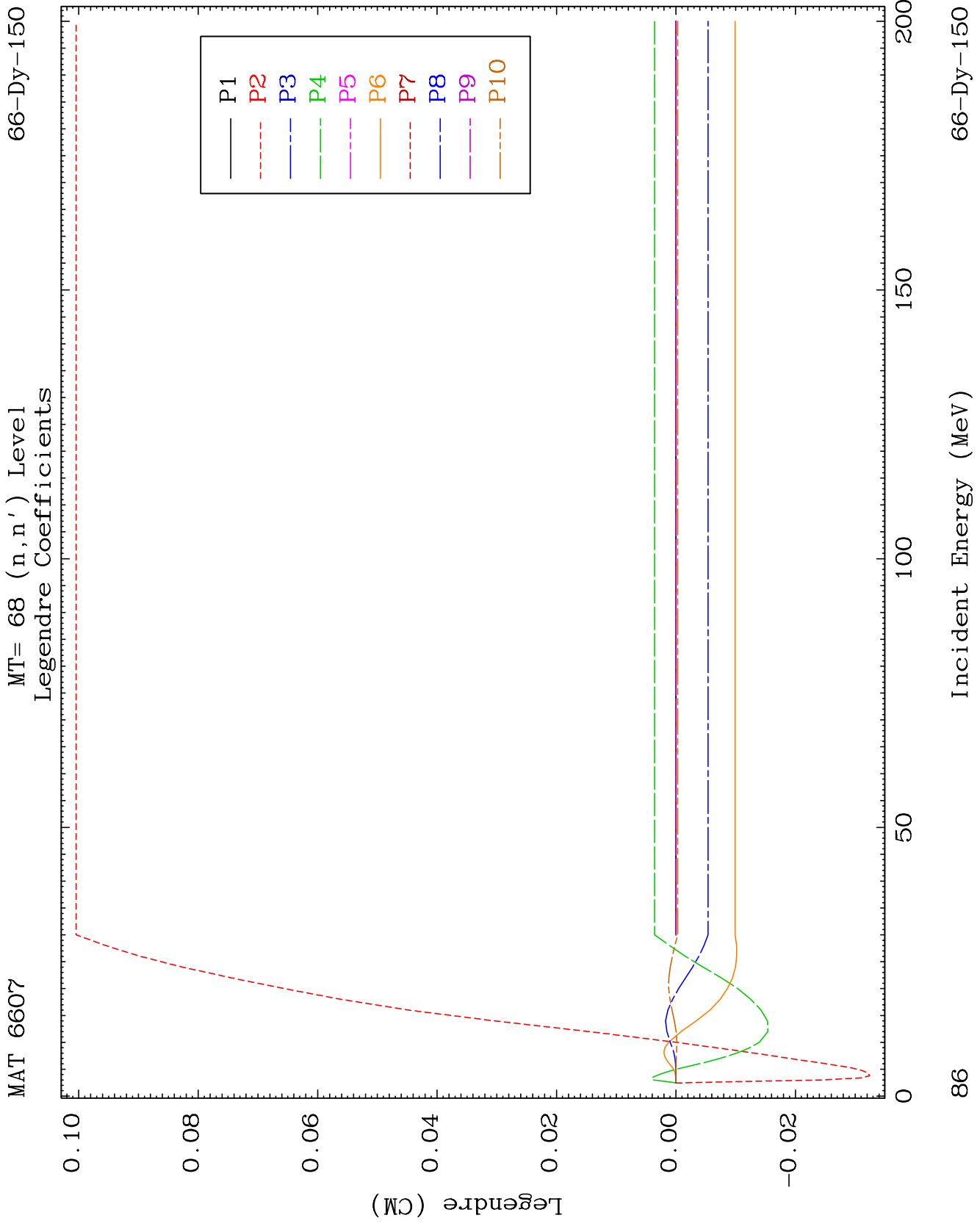
66-Dy-150



85

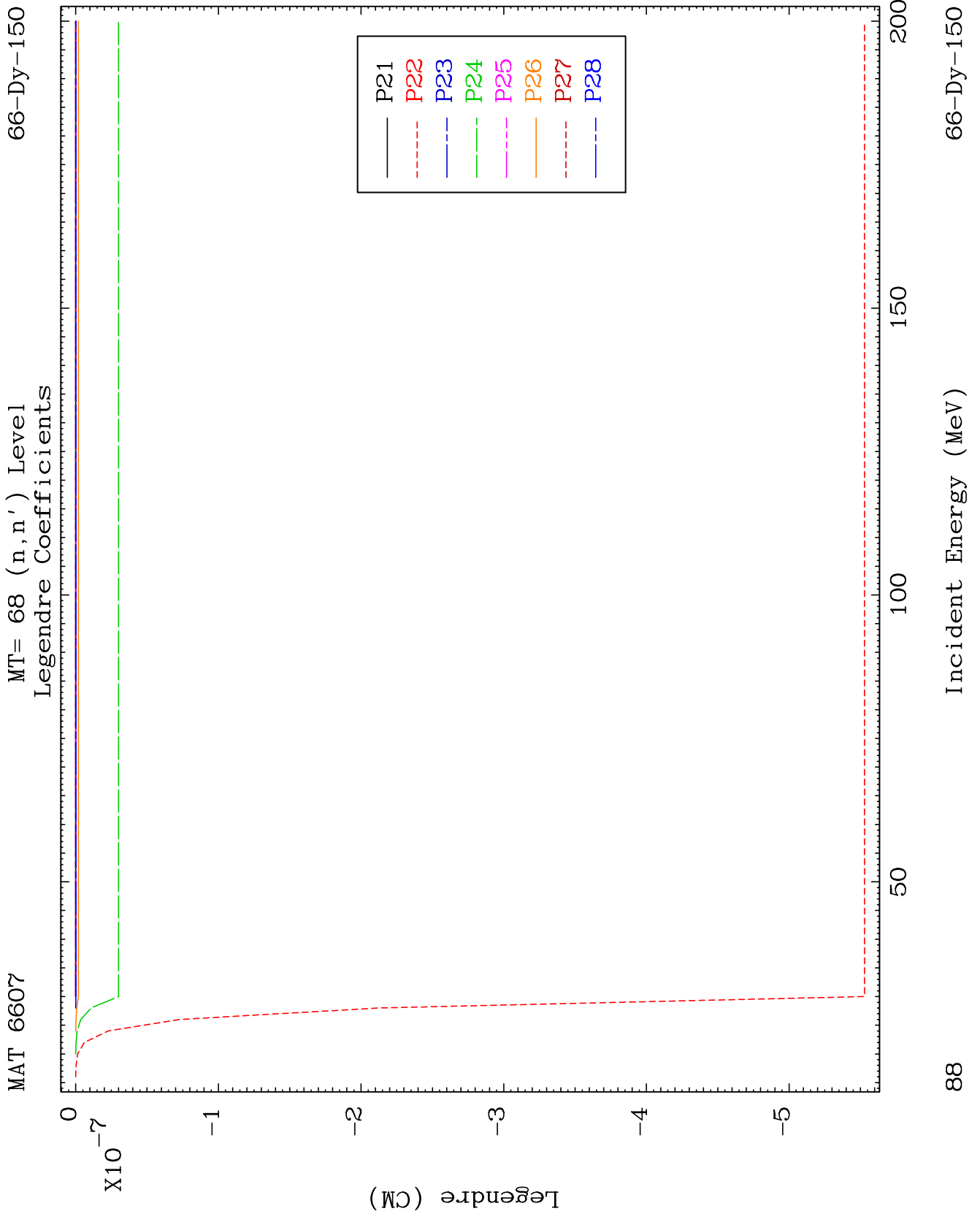
Incident Energy (MeV)

66-Dy-150





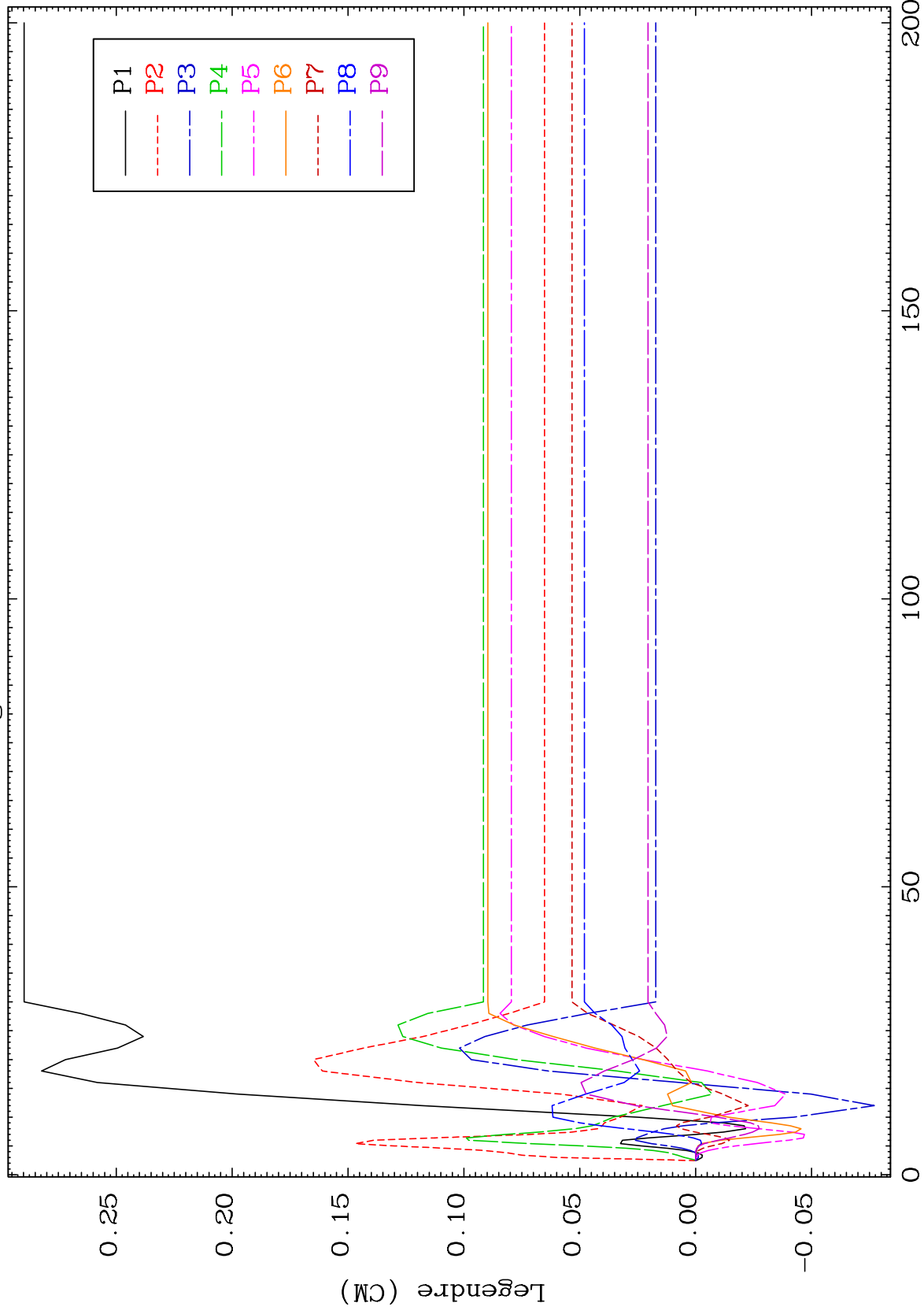




MAT 6607

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

66-Dy-150



89

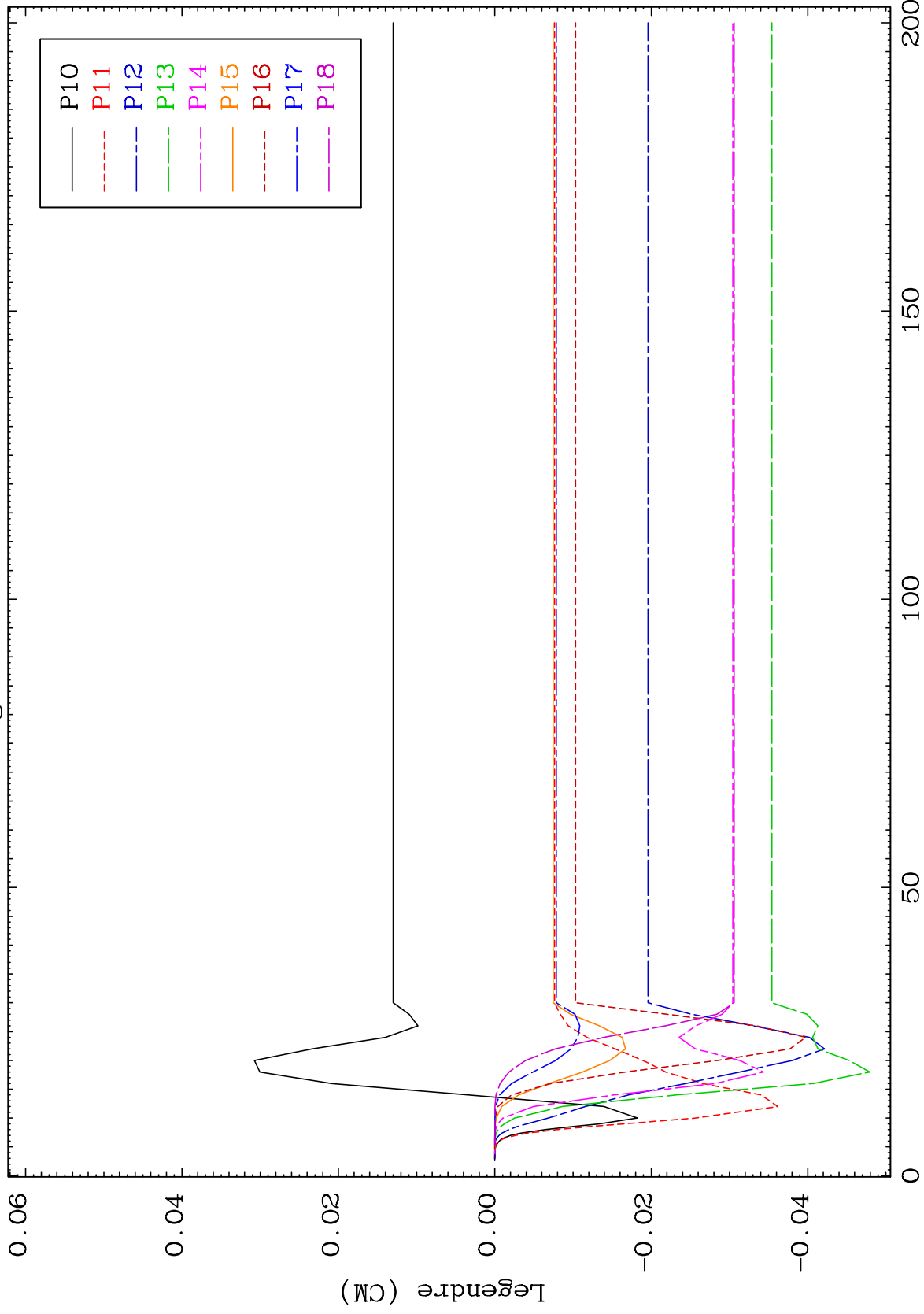
Incident Energy (MeV)

66-Dy-150

MAT 6607

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

66-Dy-150



90

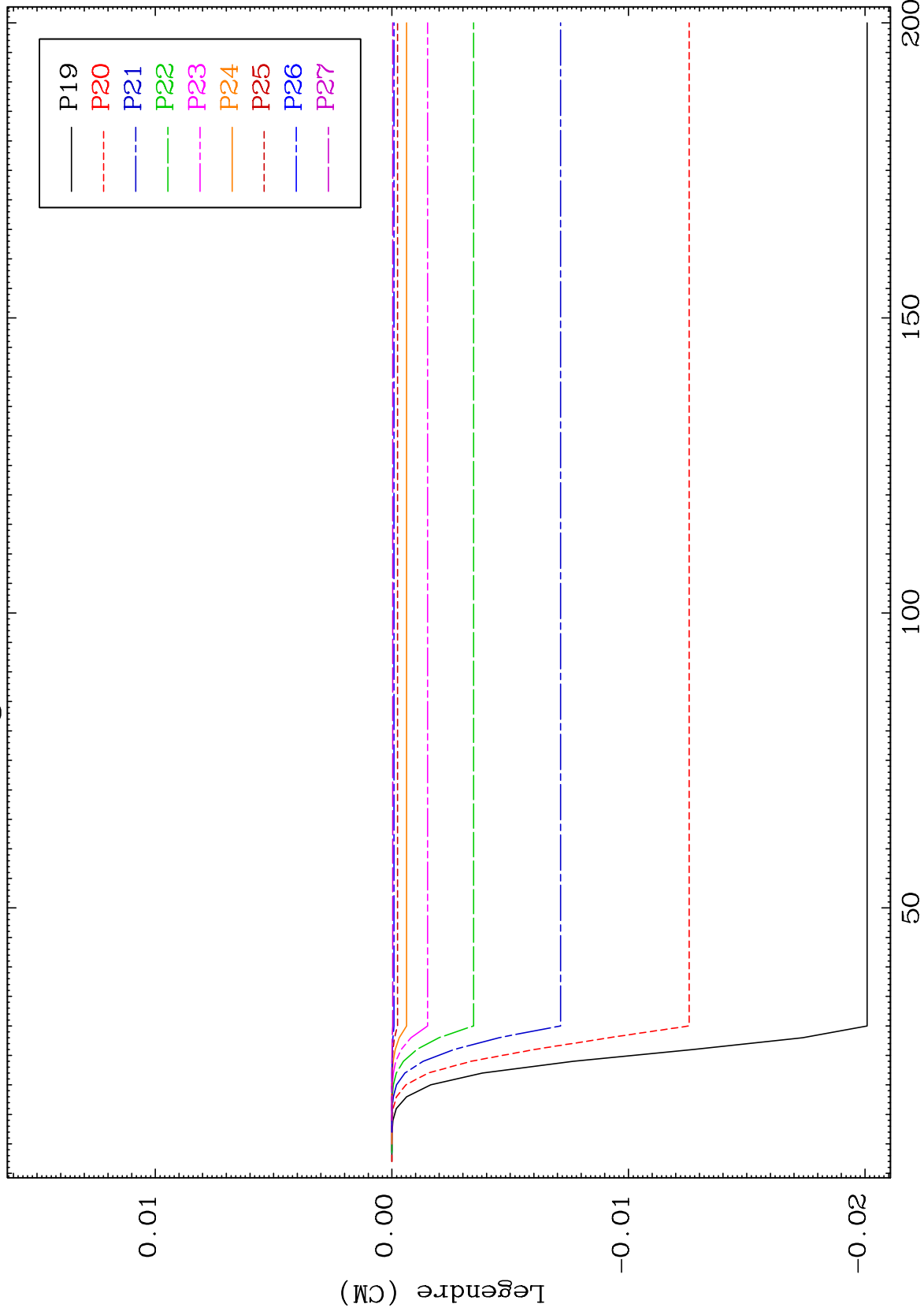
Incident Energy (MeV)

66-Dy-150

MAT 6607

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

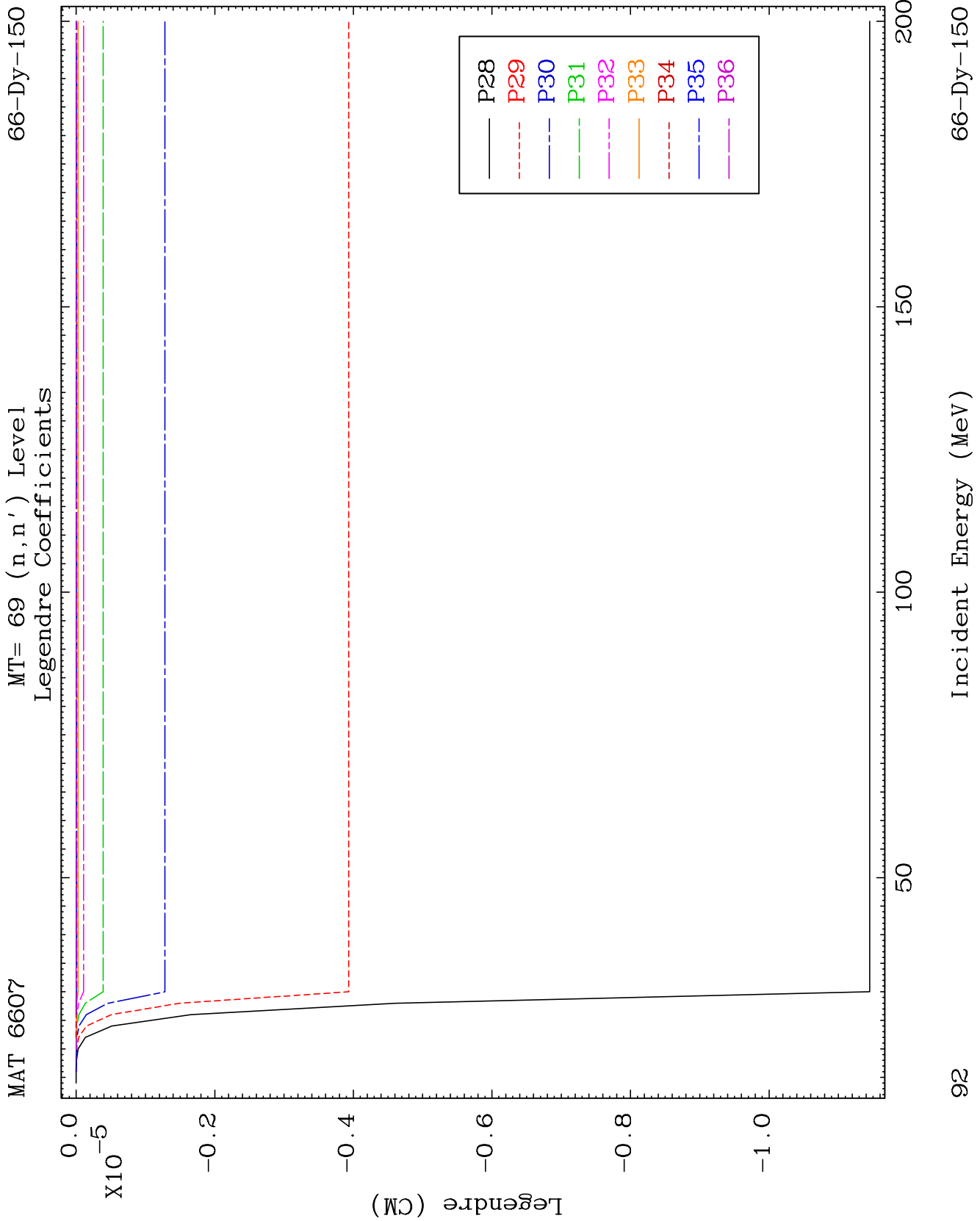
66-Dy-150

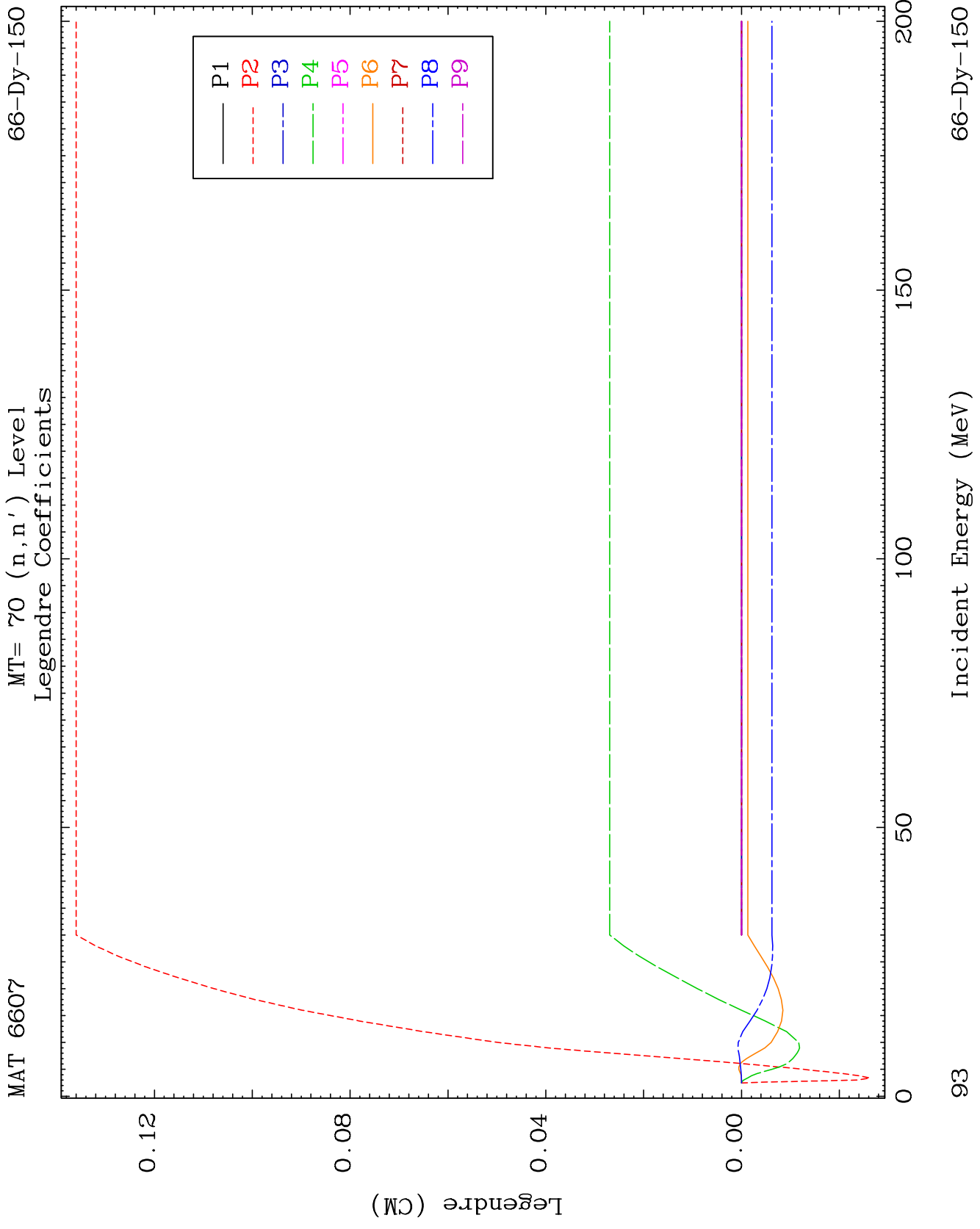


91

Incident Energy (MeV)

66-Dy-150

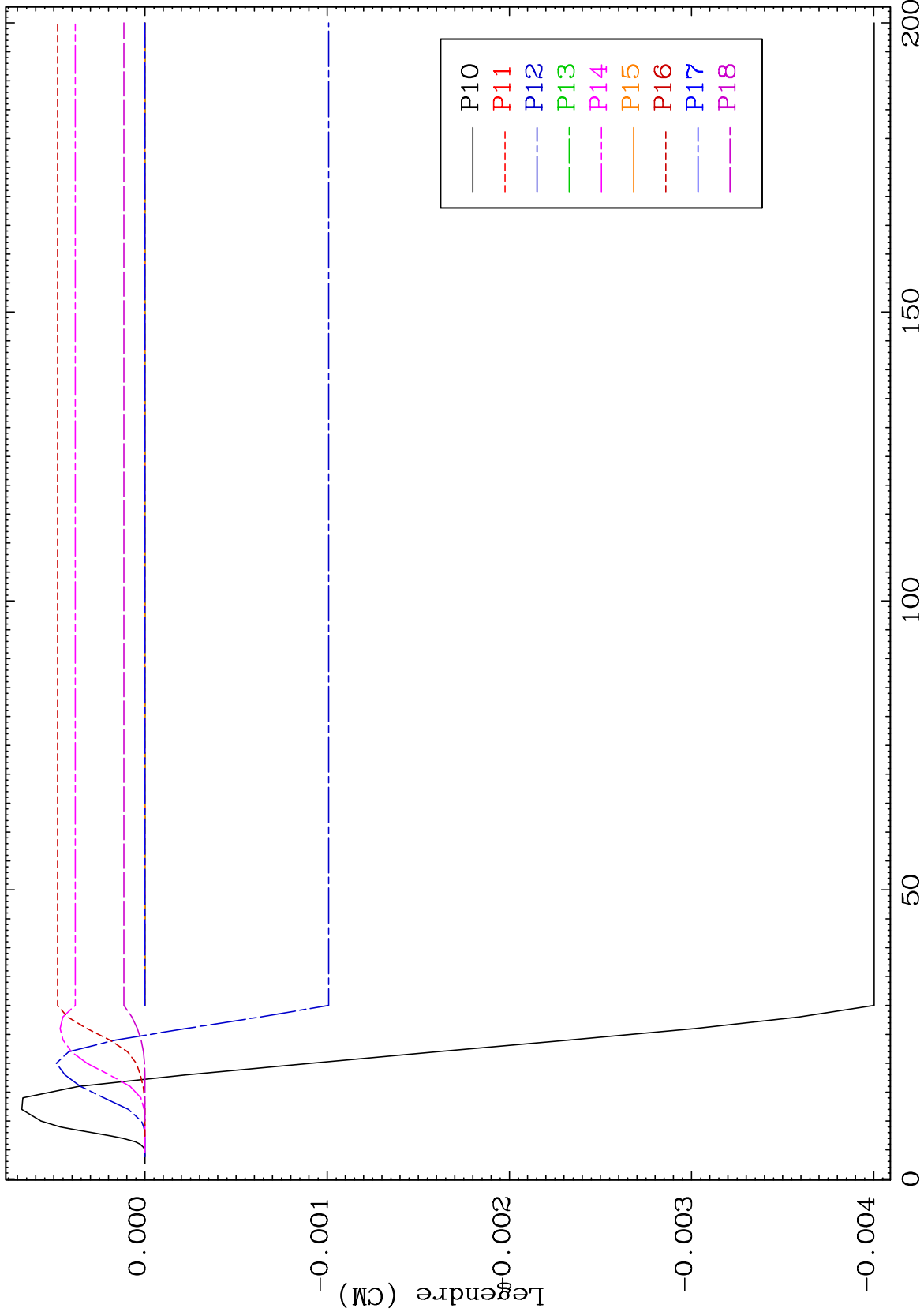




MAT 6607

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

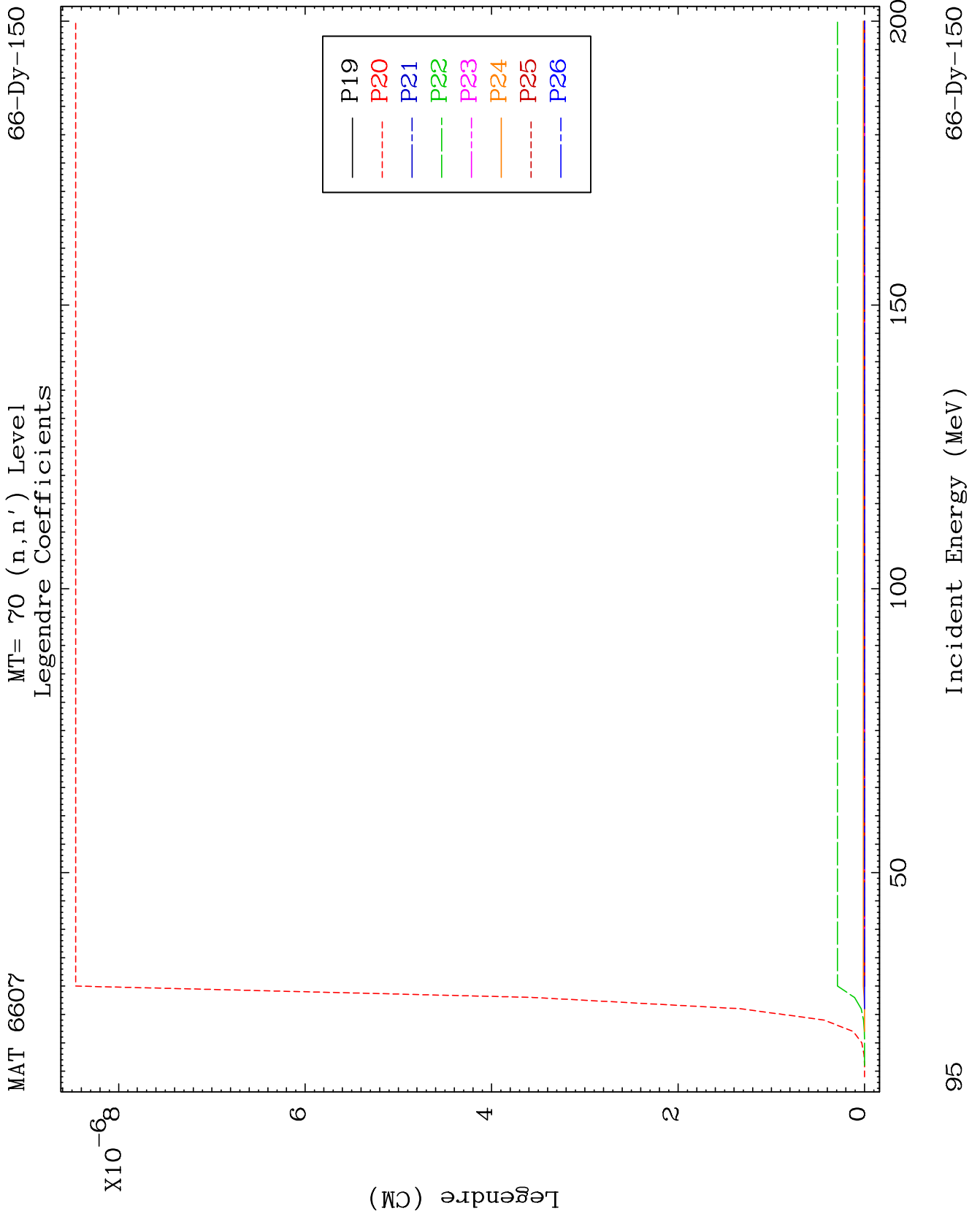
66-Dy-150



94

Incident Energy (MeV)

66-Dy-150

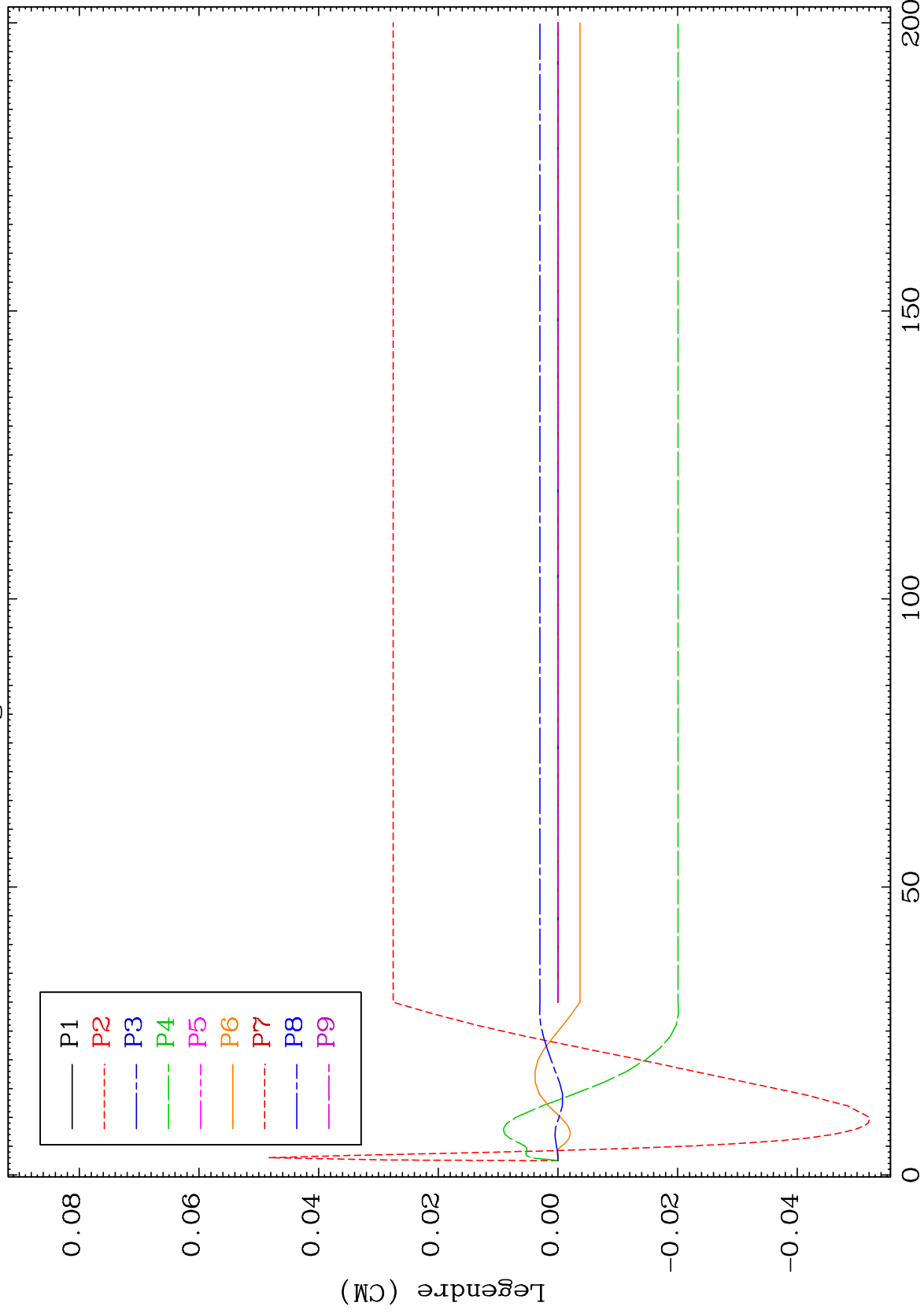




MAT 6607

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

66-Dy-150



96

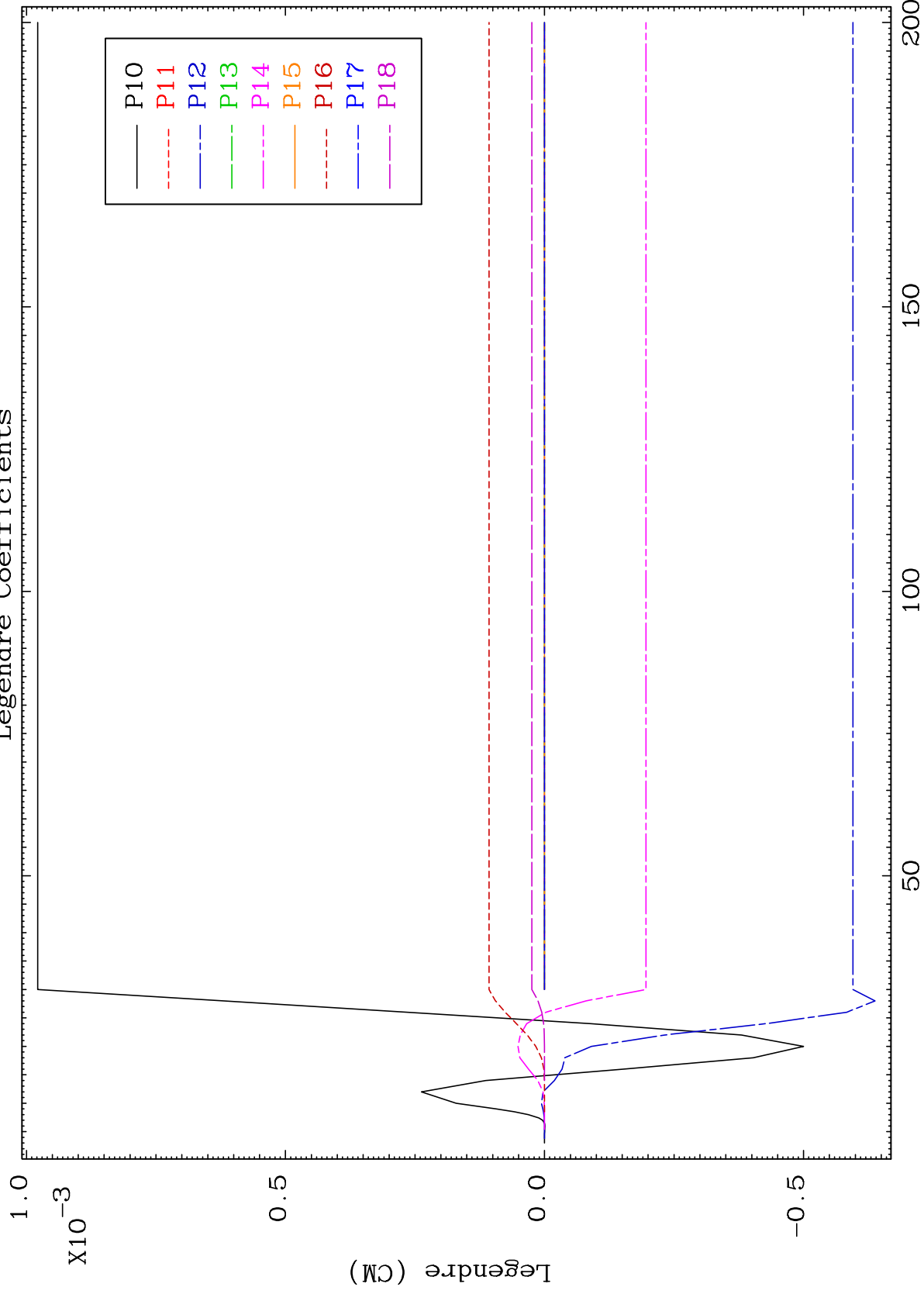
Incident Energy (MeV)

66-Dy-150

MAT 6607

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

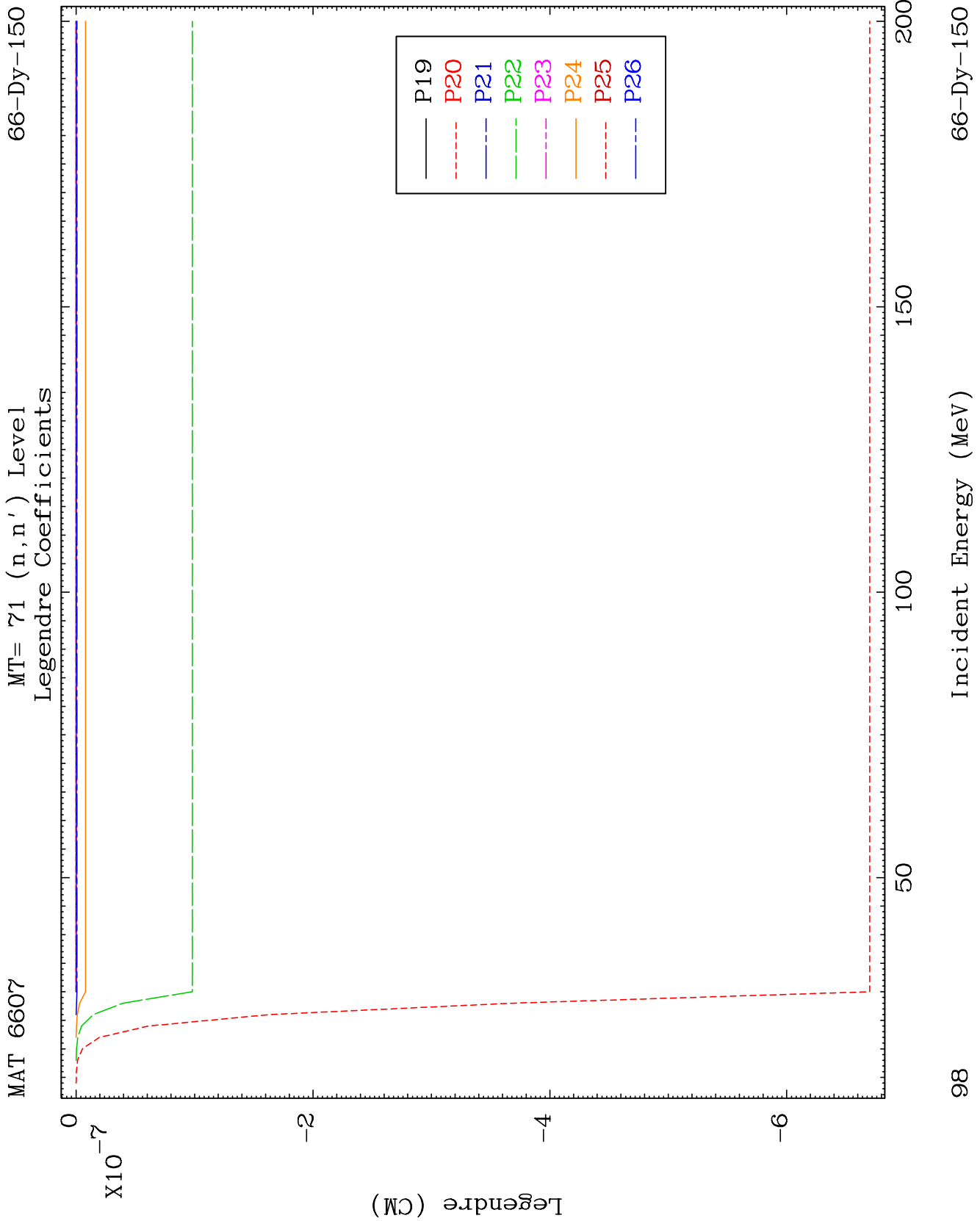
66-Dy-150



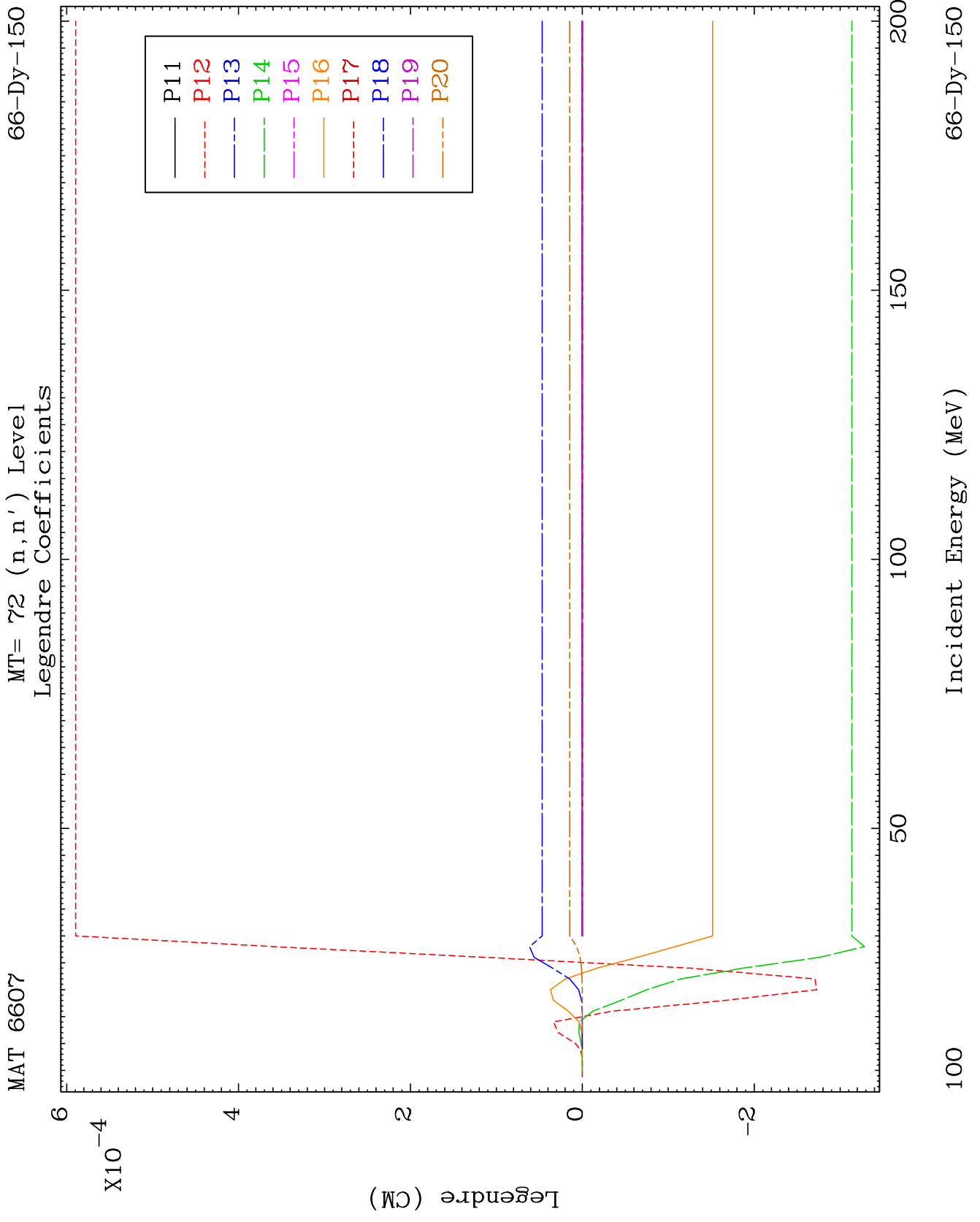
97

Incident Energy (MeV)

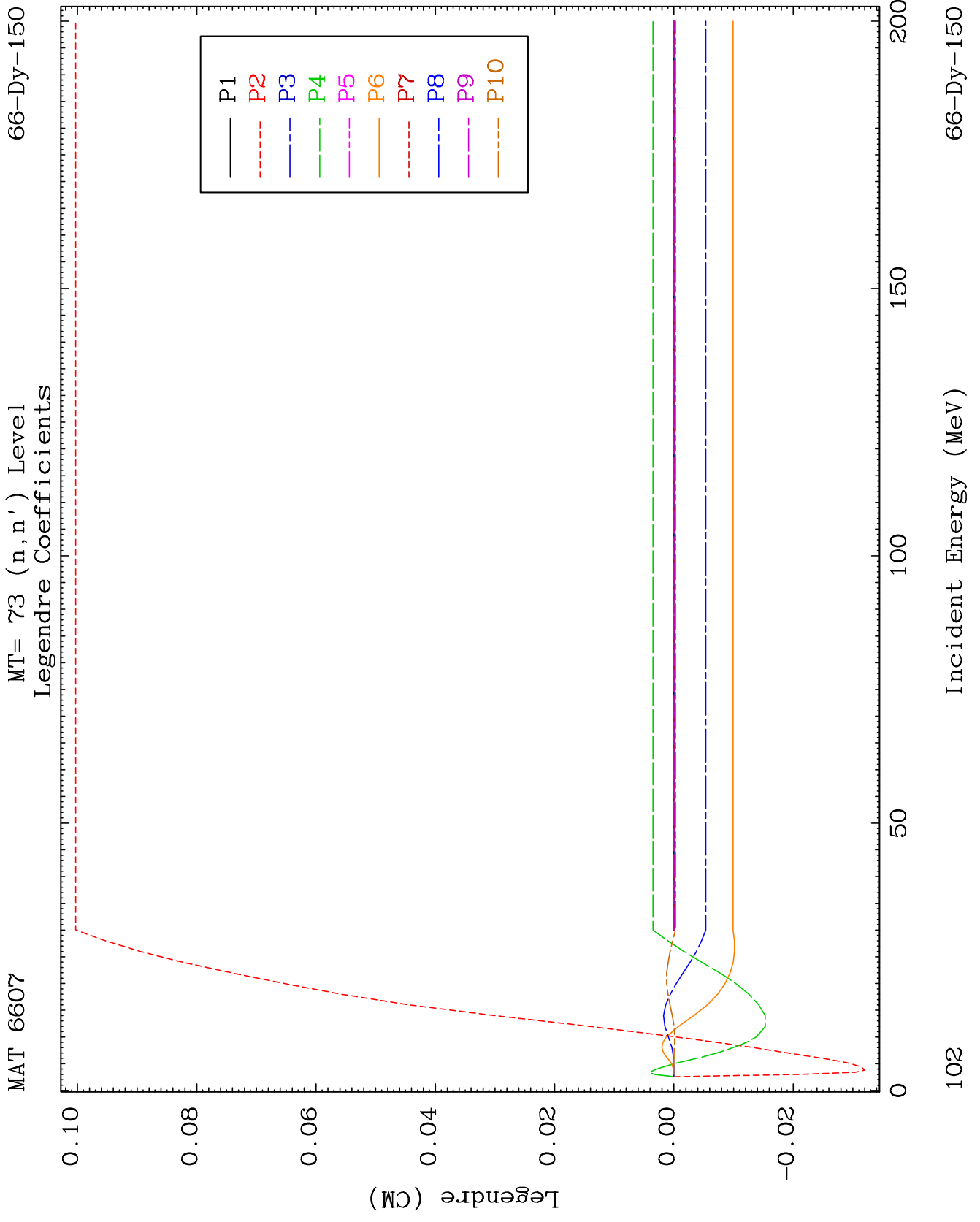
66-Dy-150







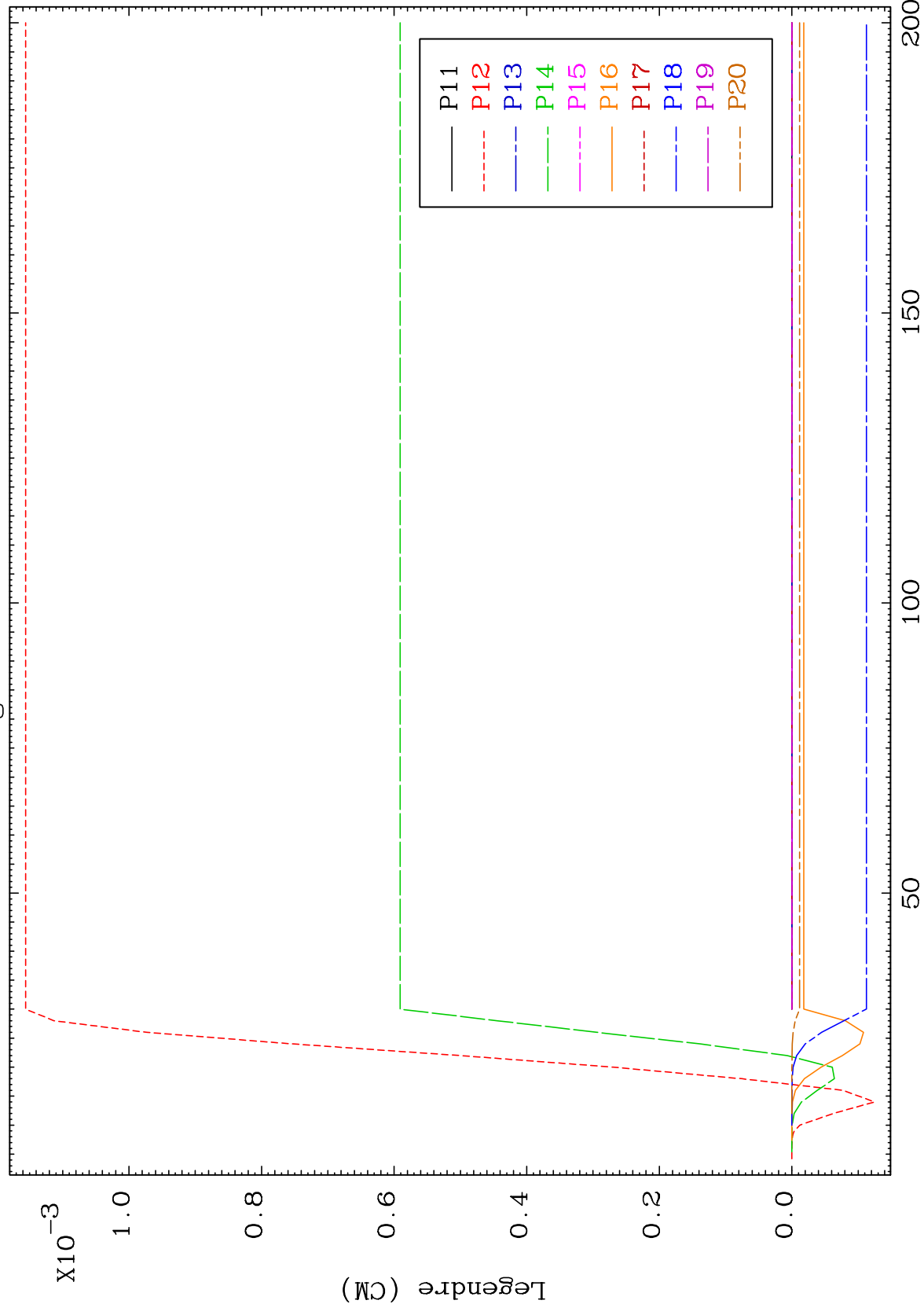




MAT 6607

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

66-Dy-150

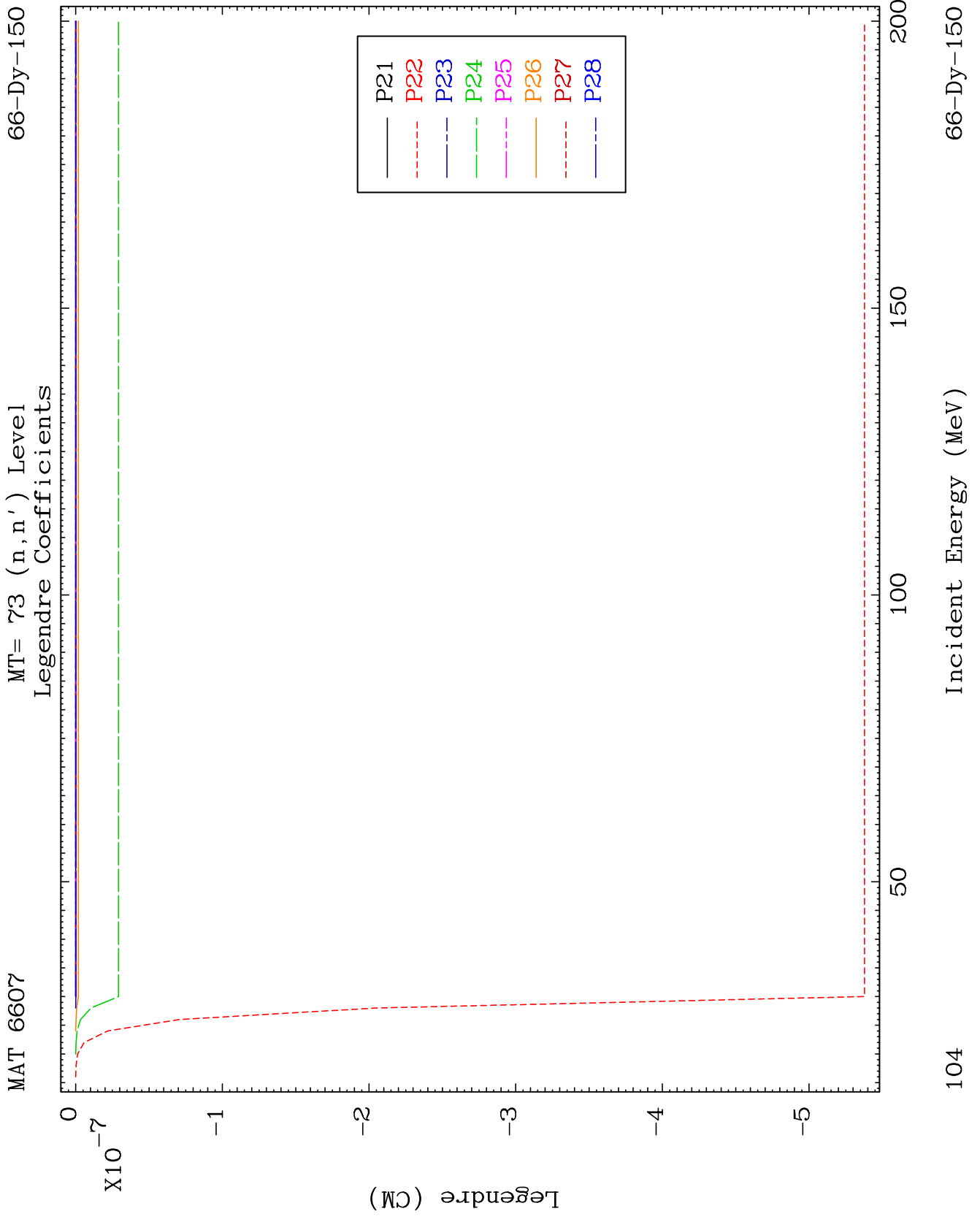


103

Incident Energy (MeV)

66-Dy-150



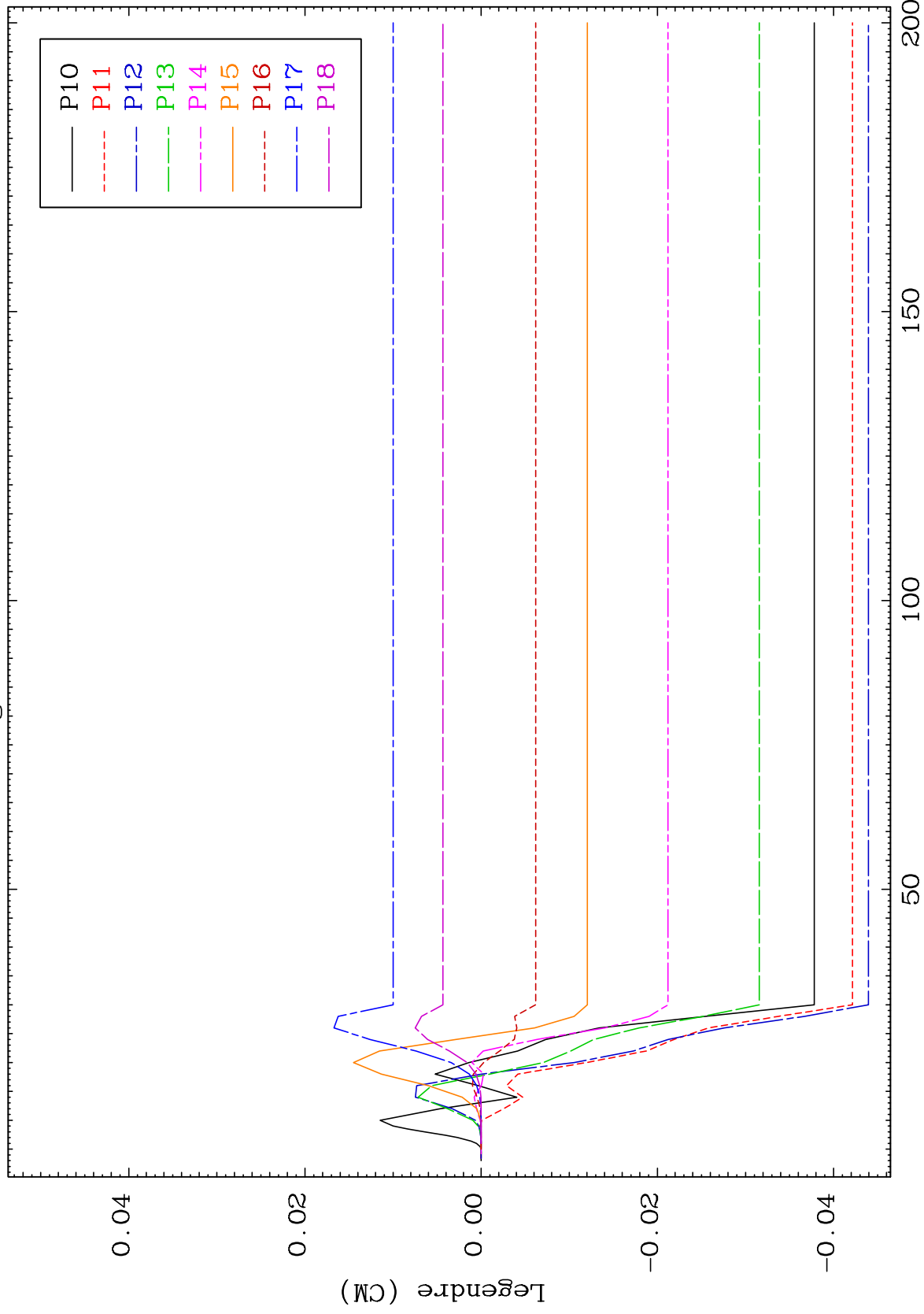




MAT 6607

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

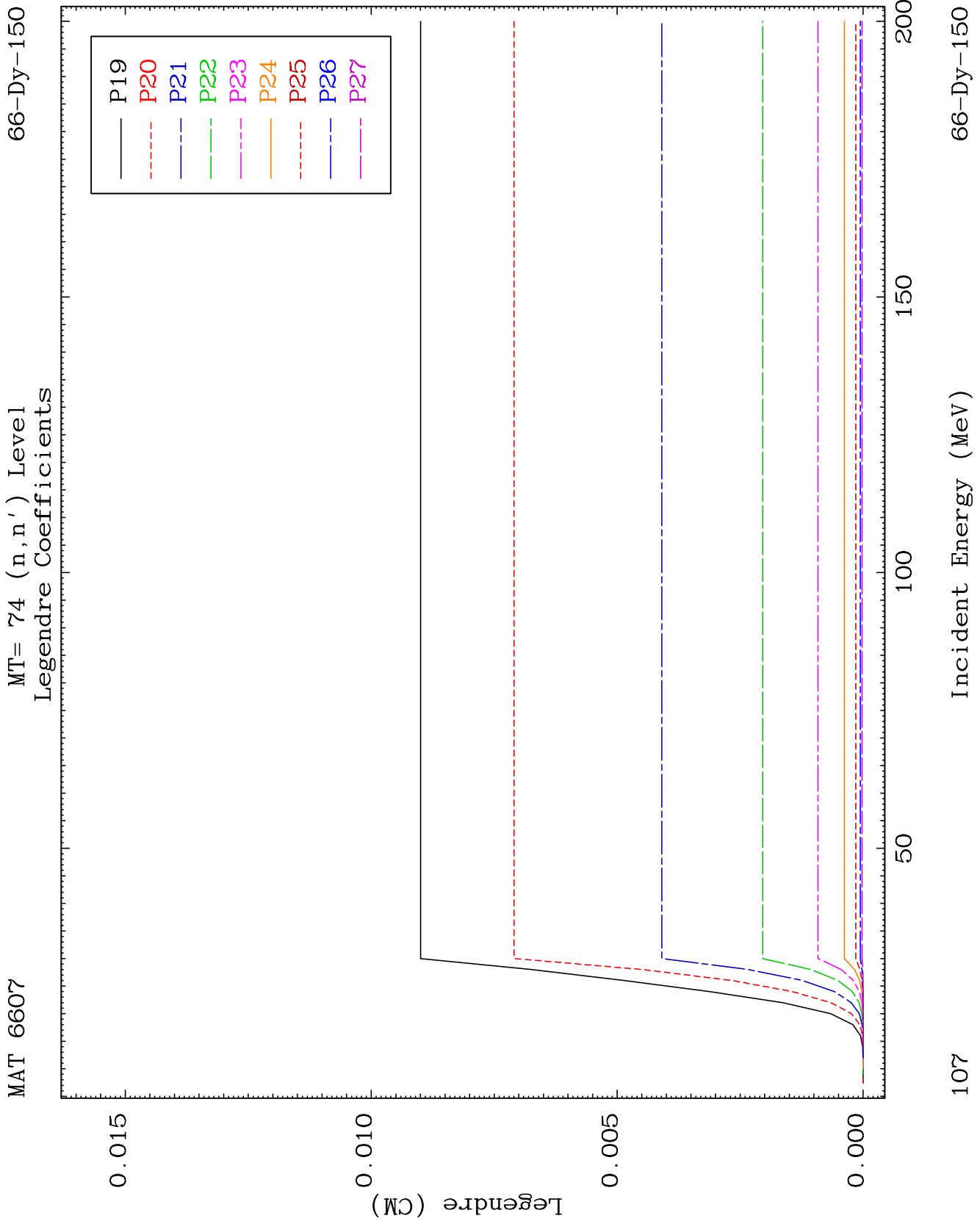
66-Dy-150



106

Incident Energy (MeV)

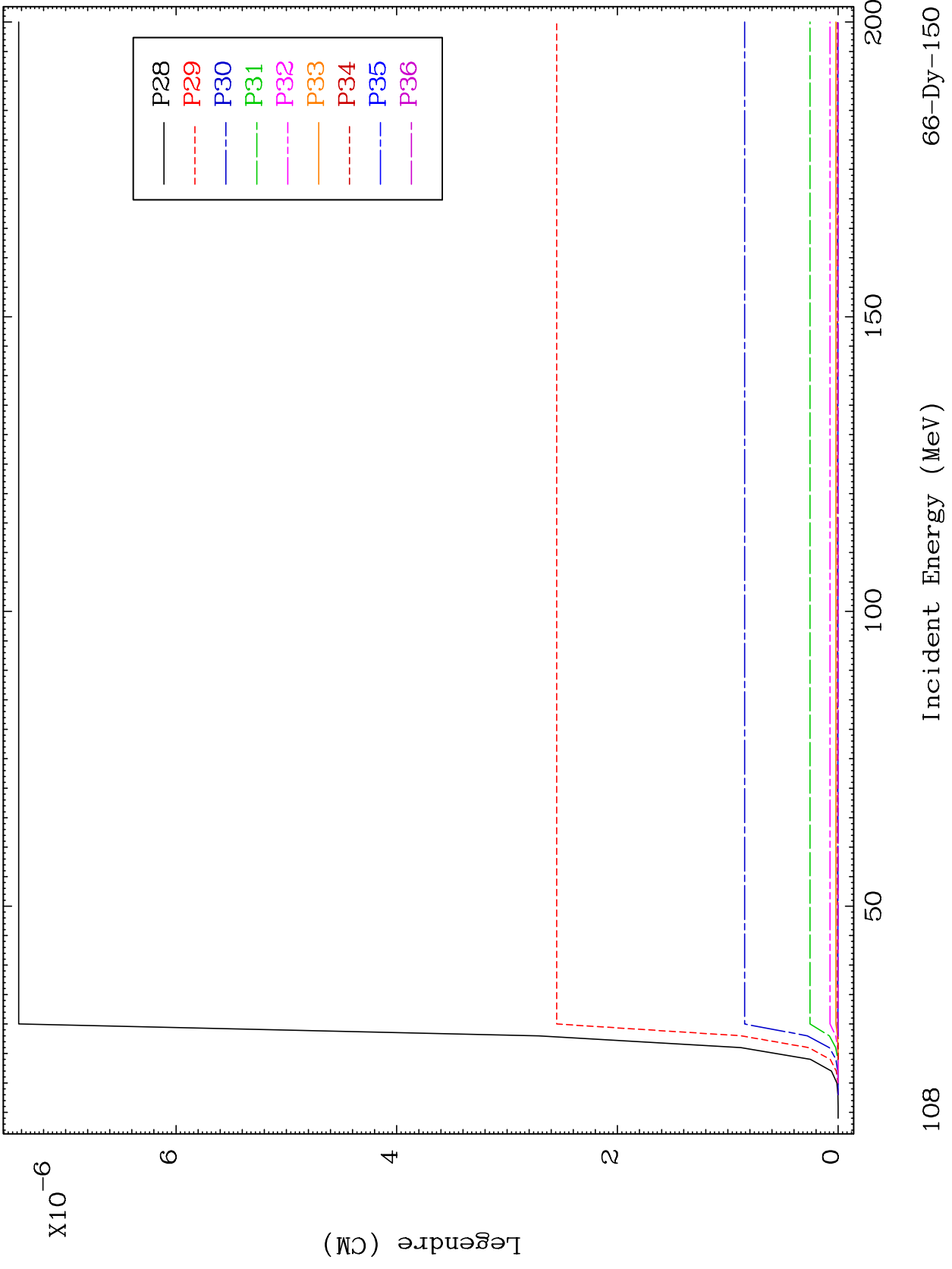
66-Dy-150



MAT 6607

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

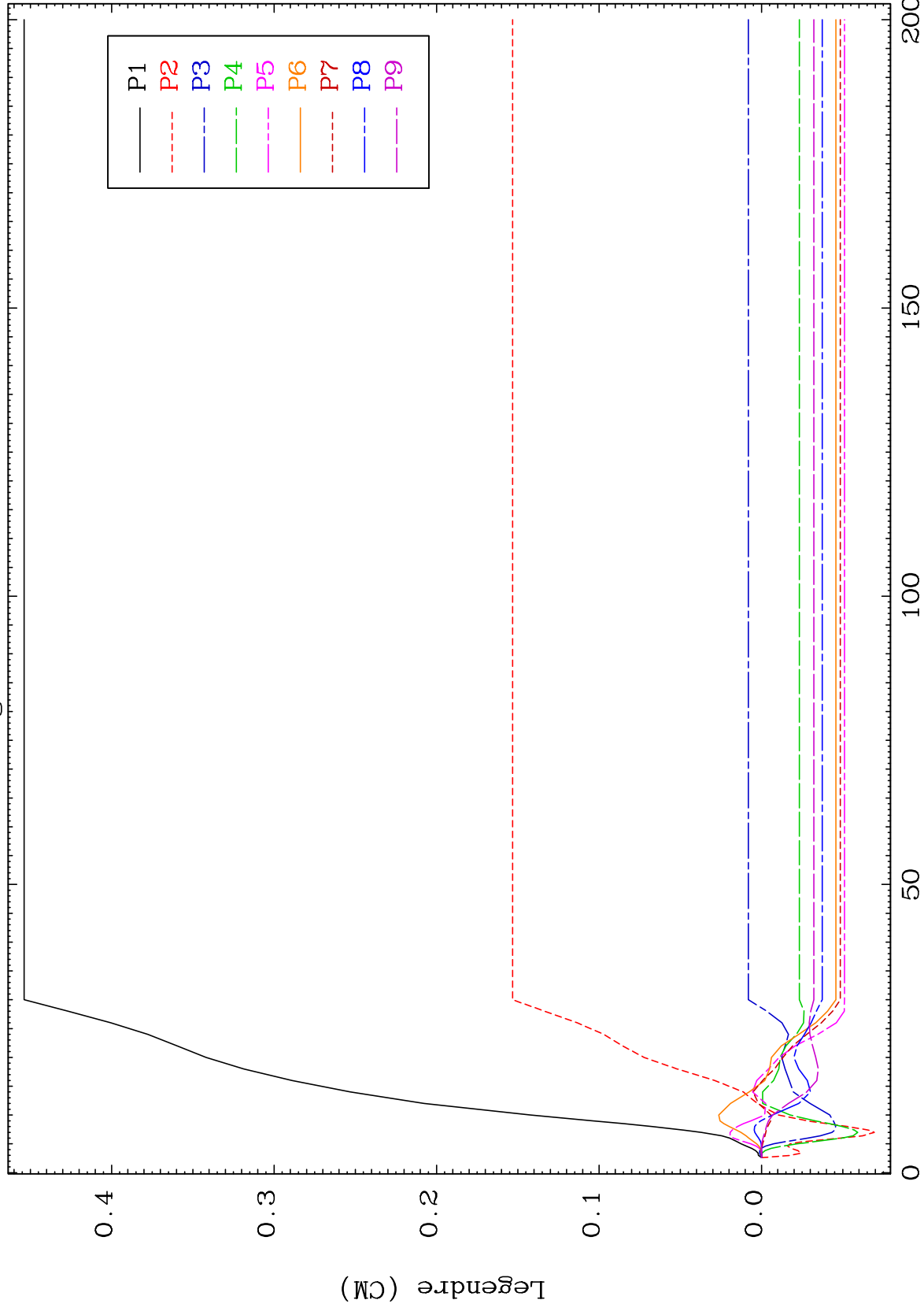
66-Dy-150



MAT 6607

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

66-Dy-150



109

Incident Energy (MeV)

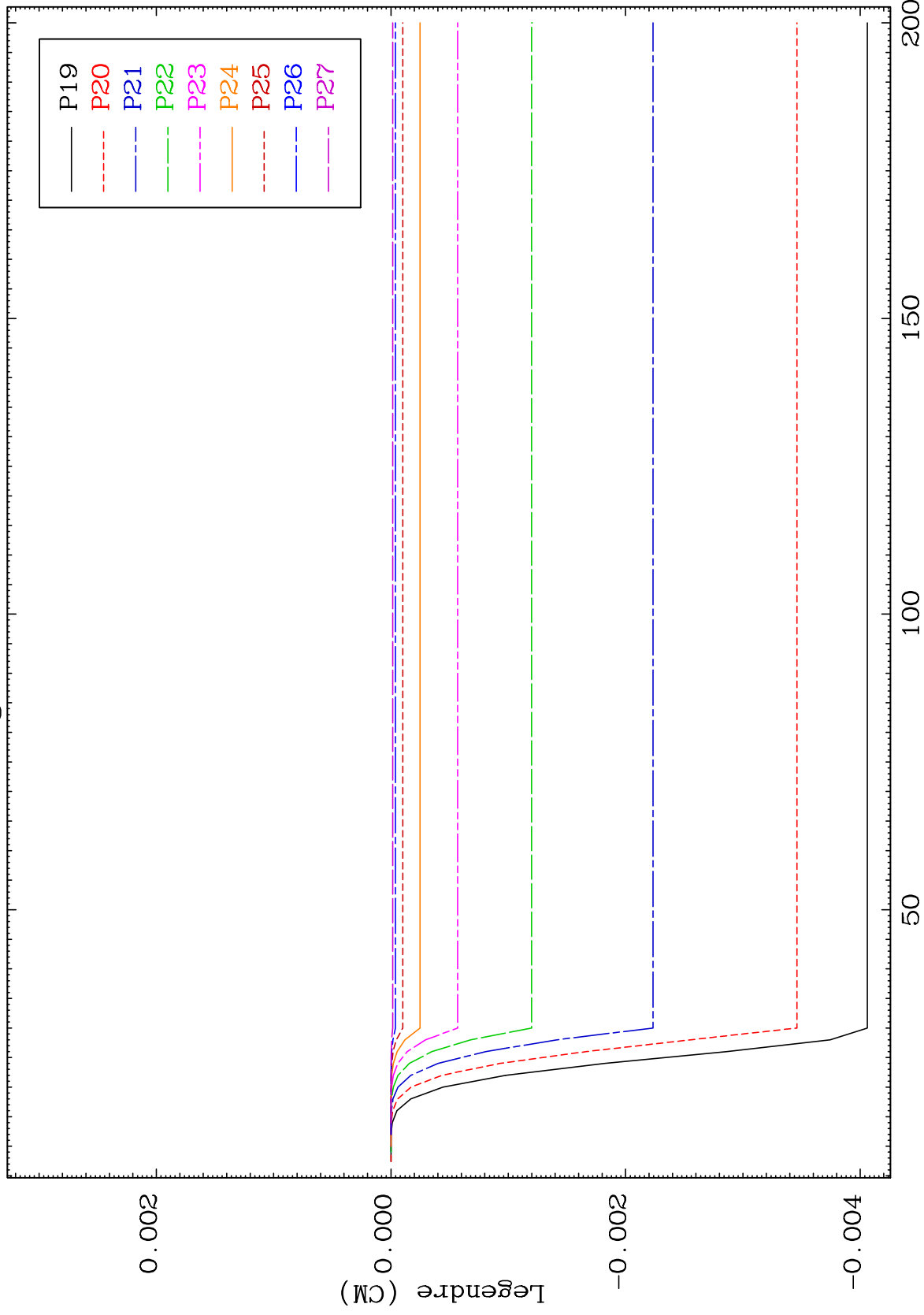
66-Dy-150



MAT 6607

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

66-Dy-150

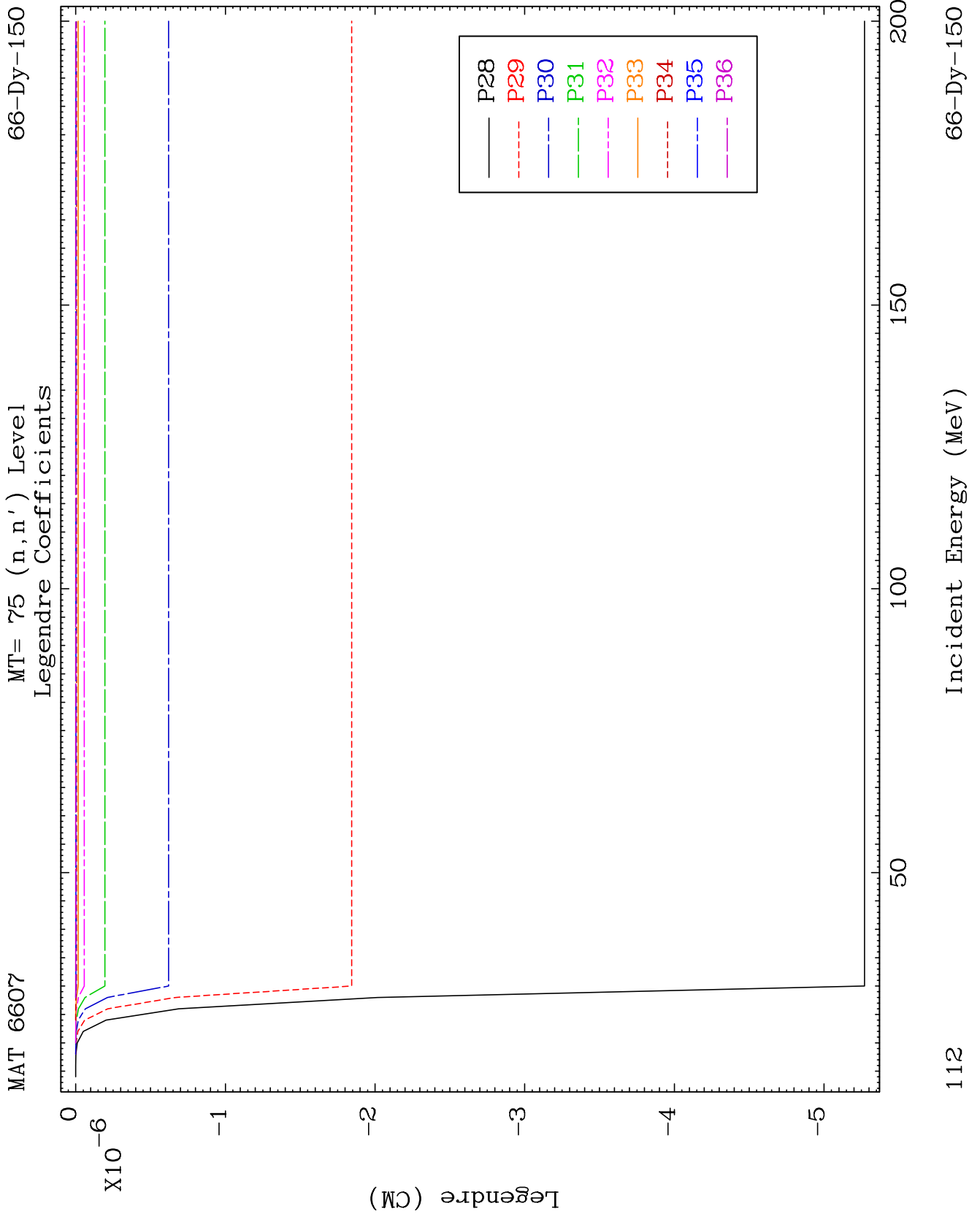


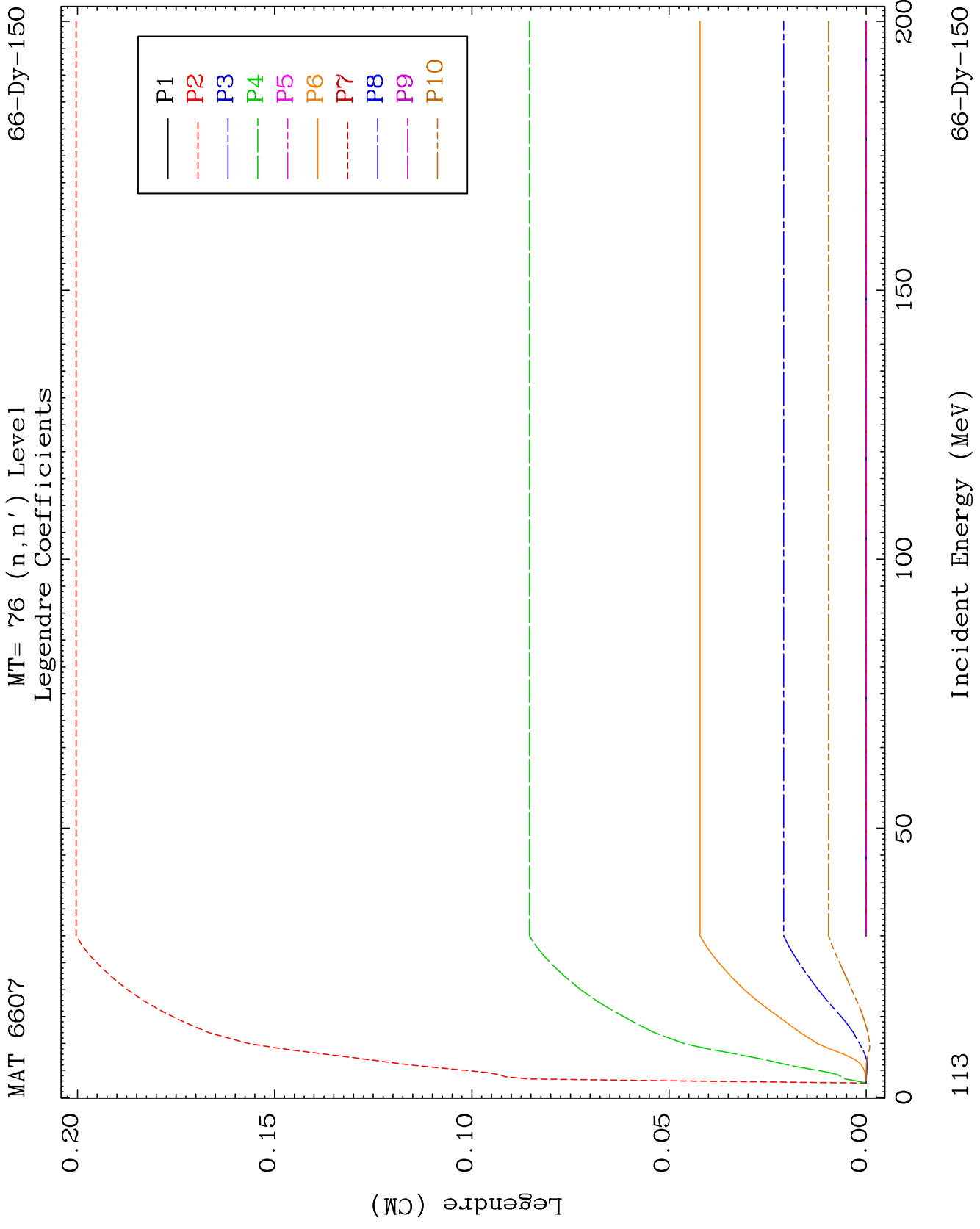
111

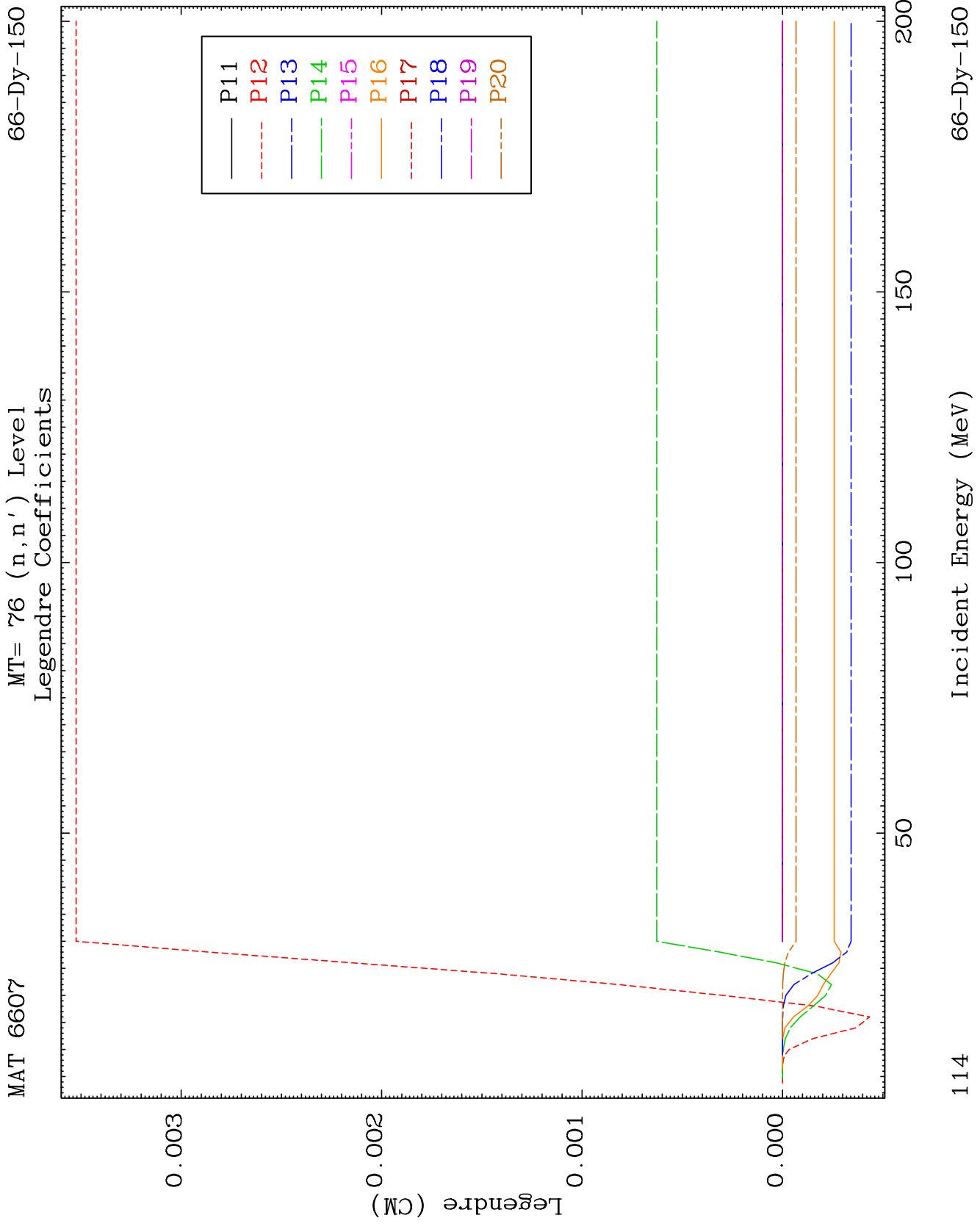
Incident Energy (MeV)

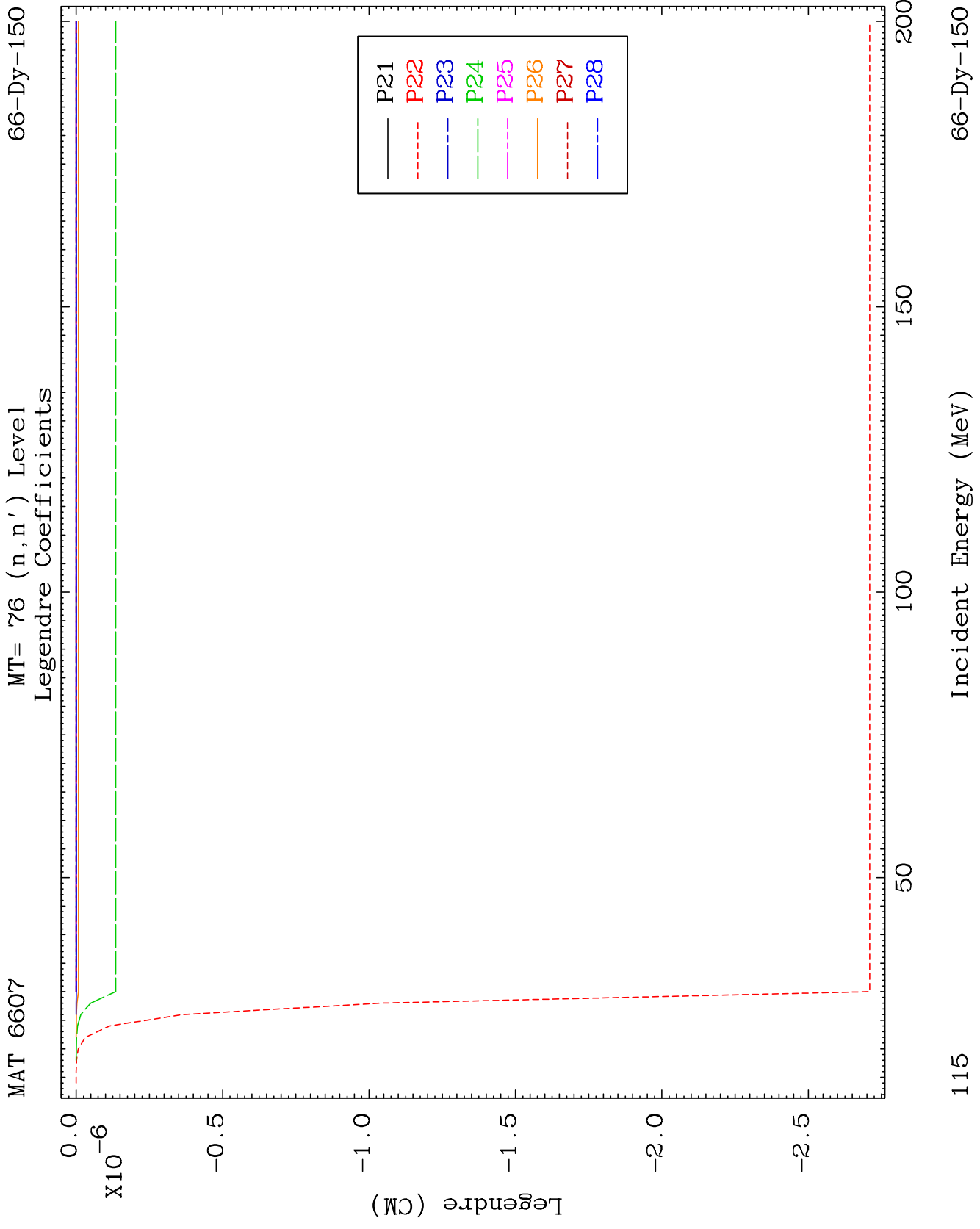
66-Dy-150

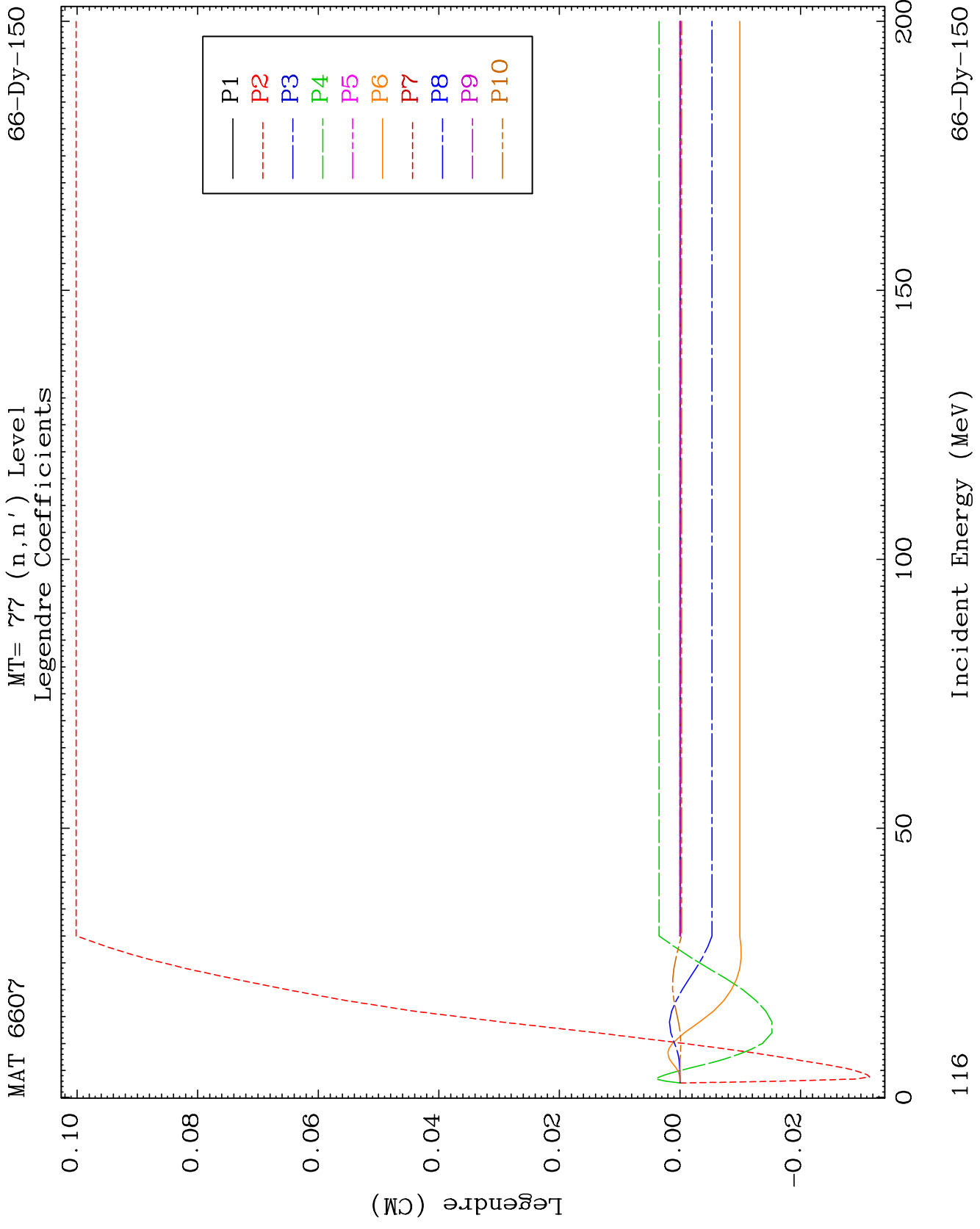


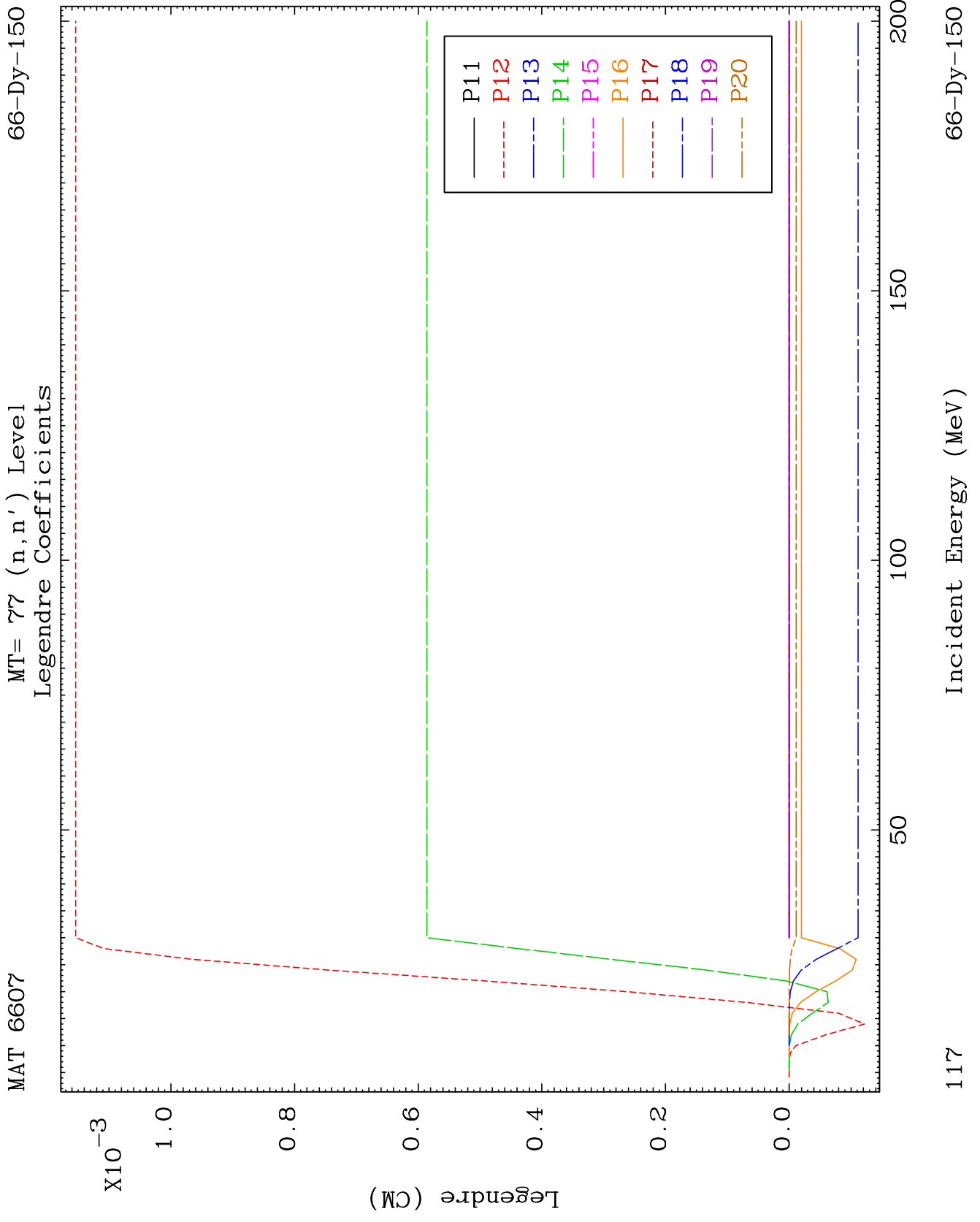




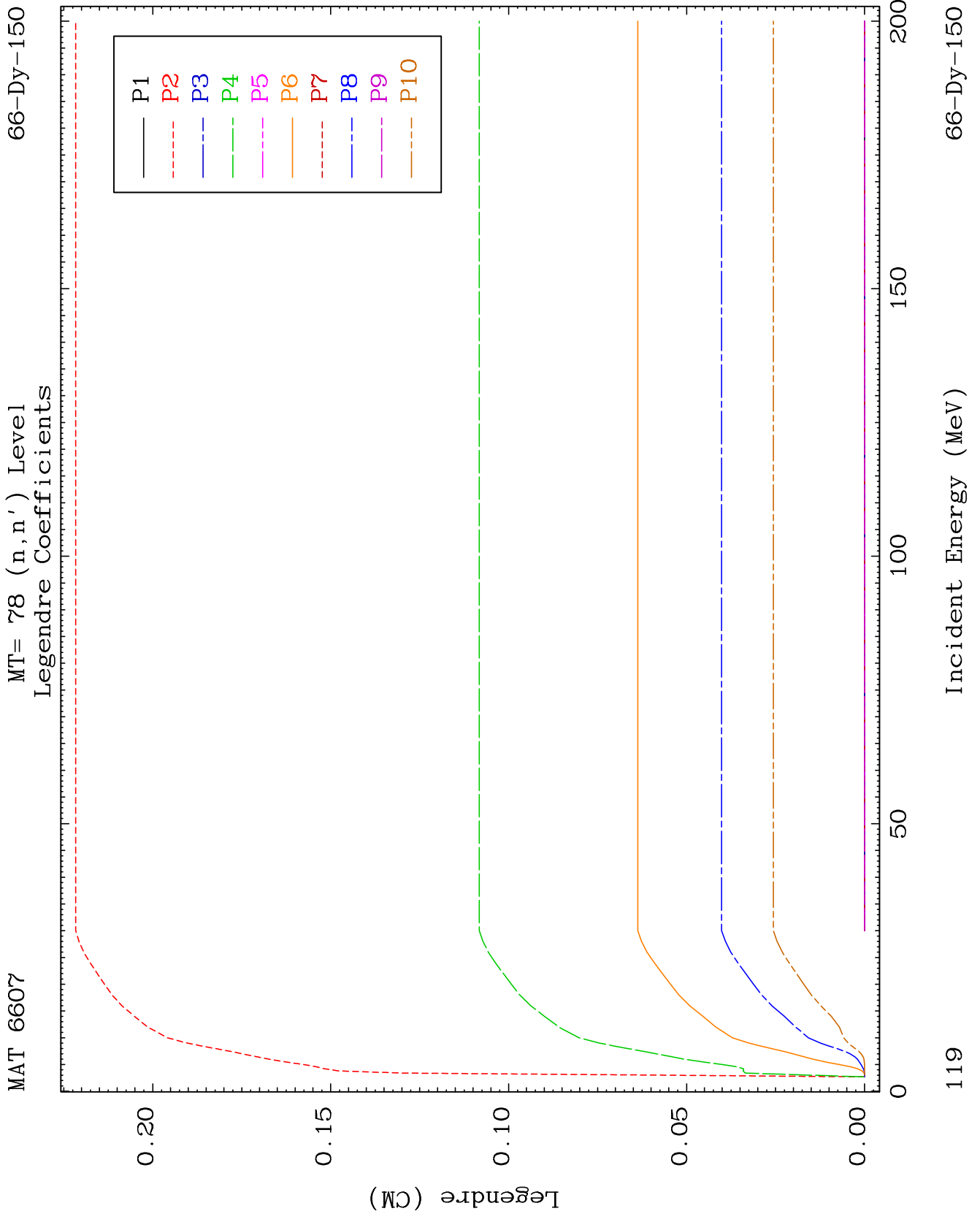




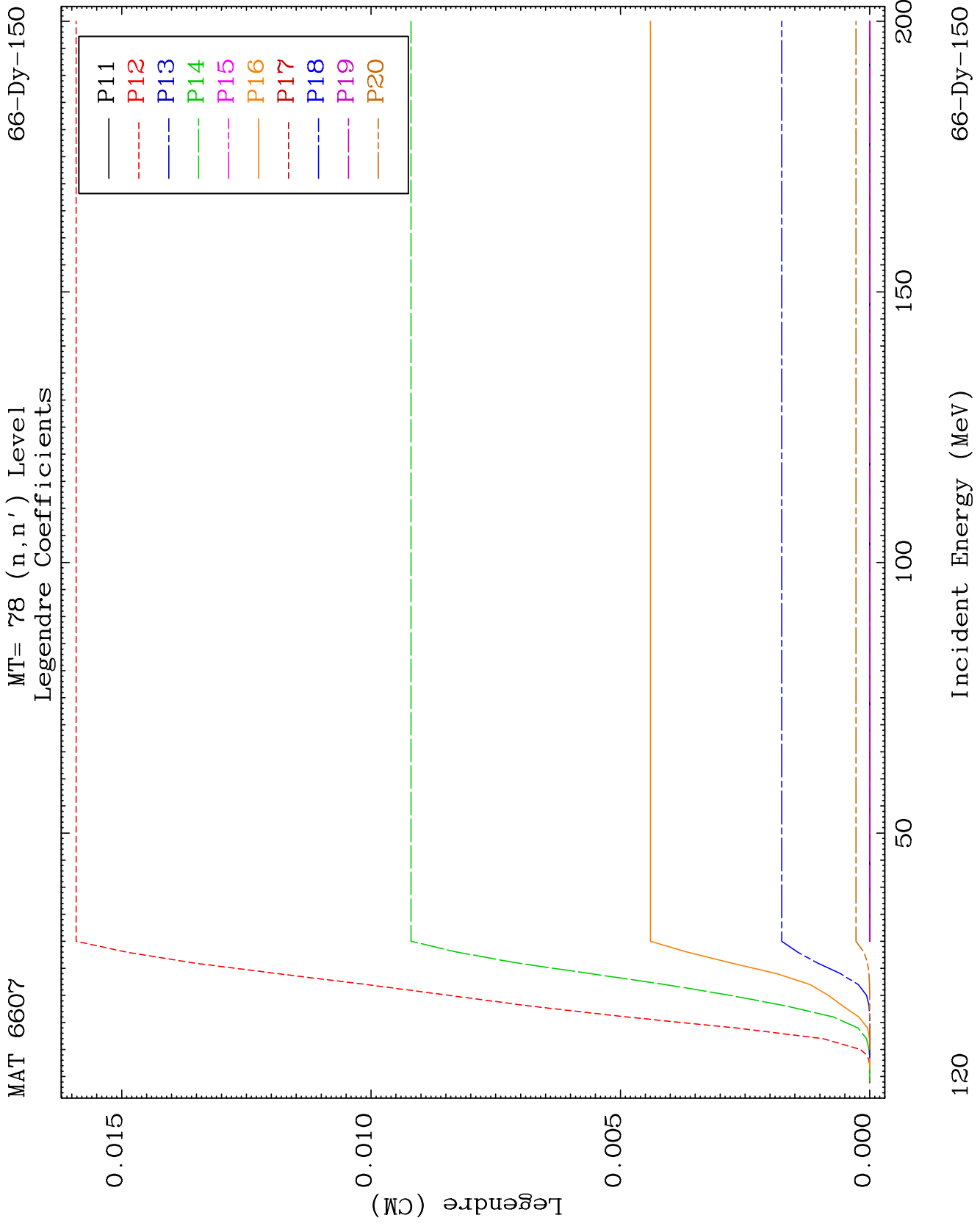


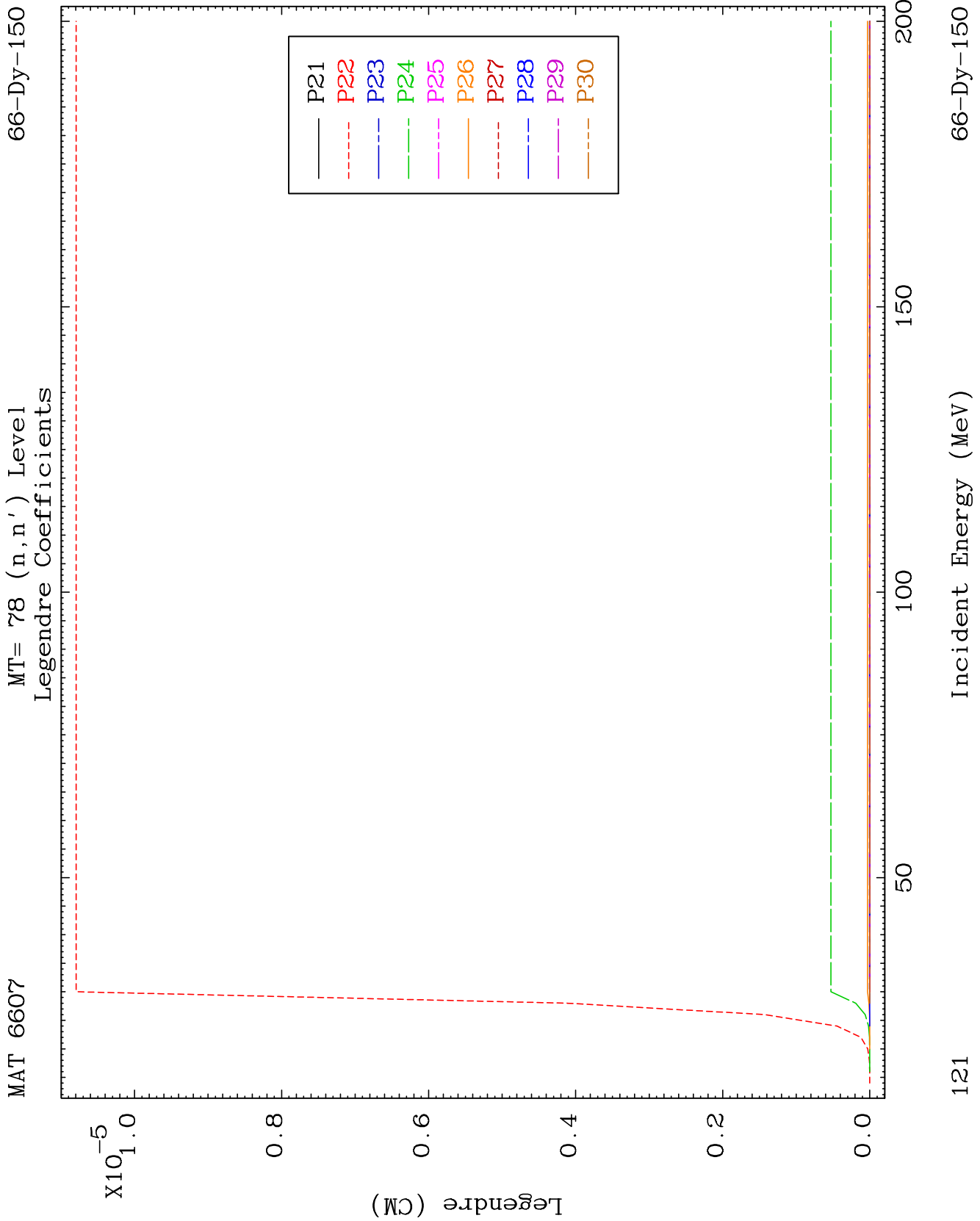


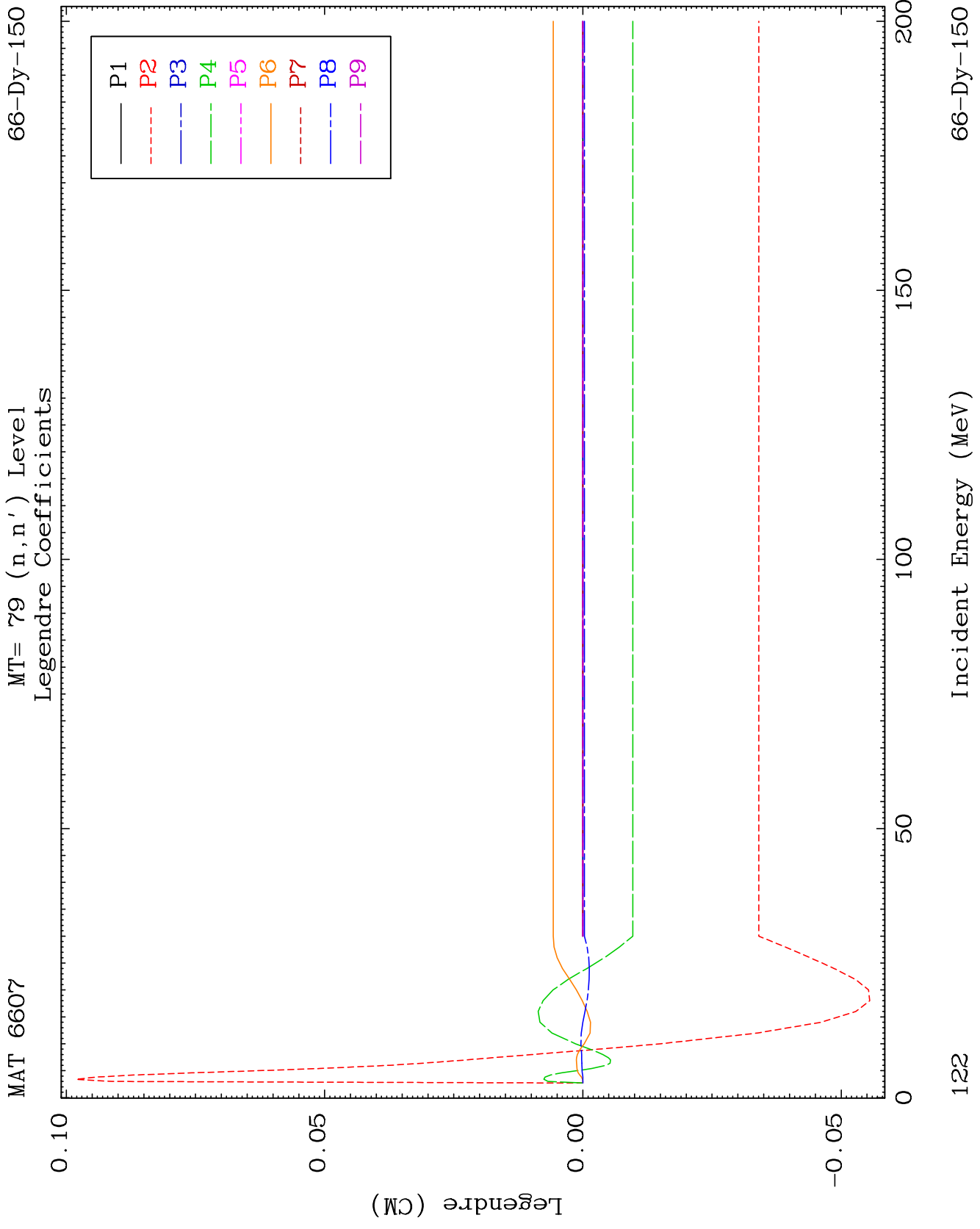








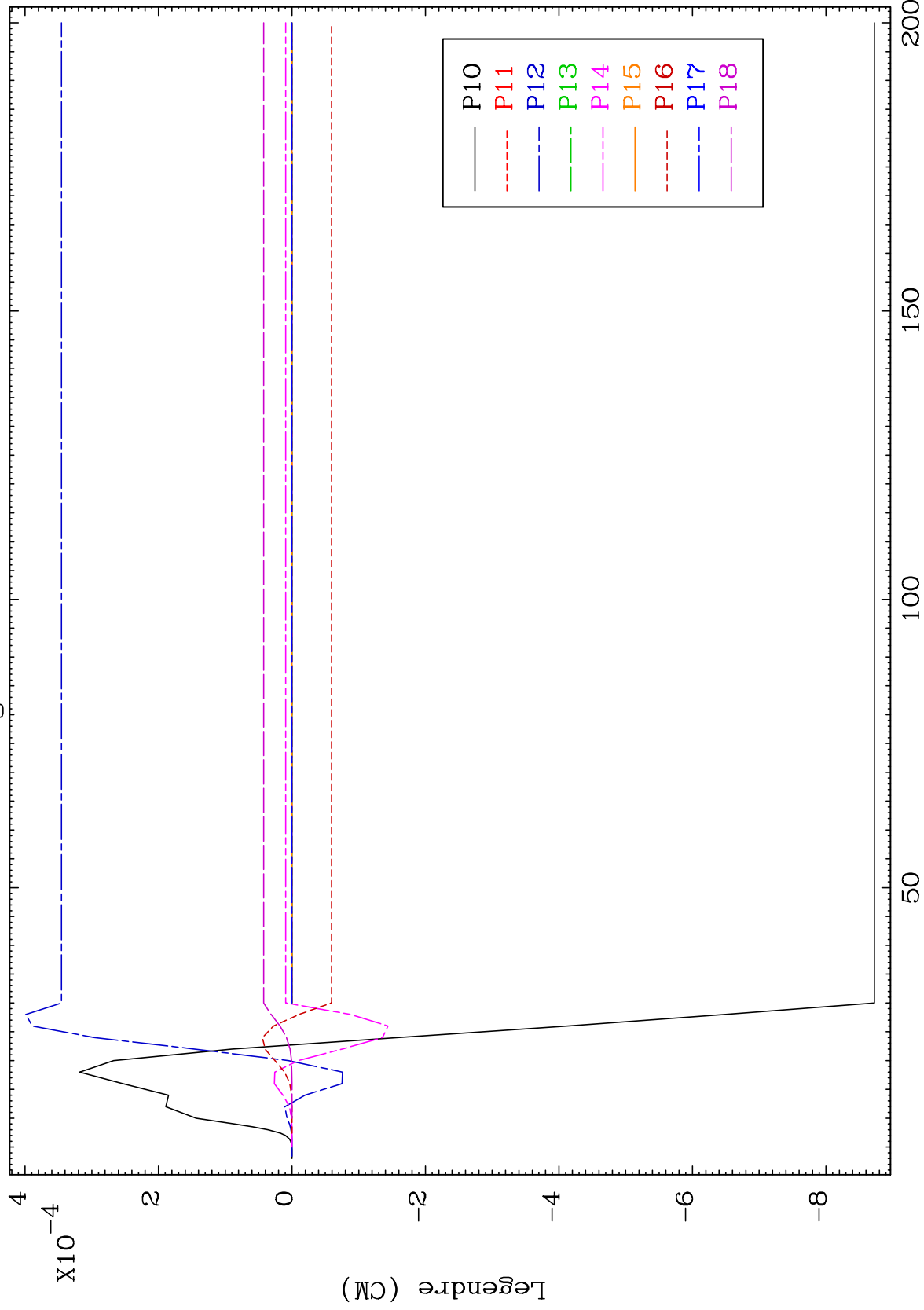




MAT 6607

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

66-Dy-150

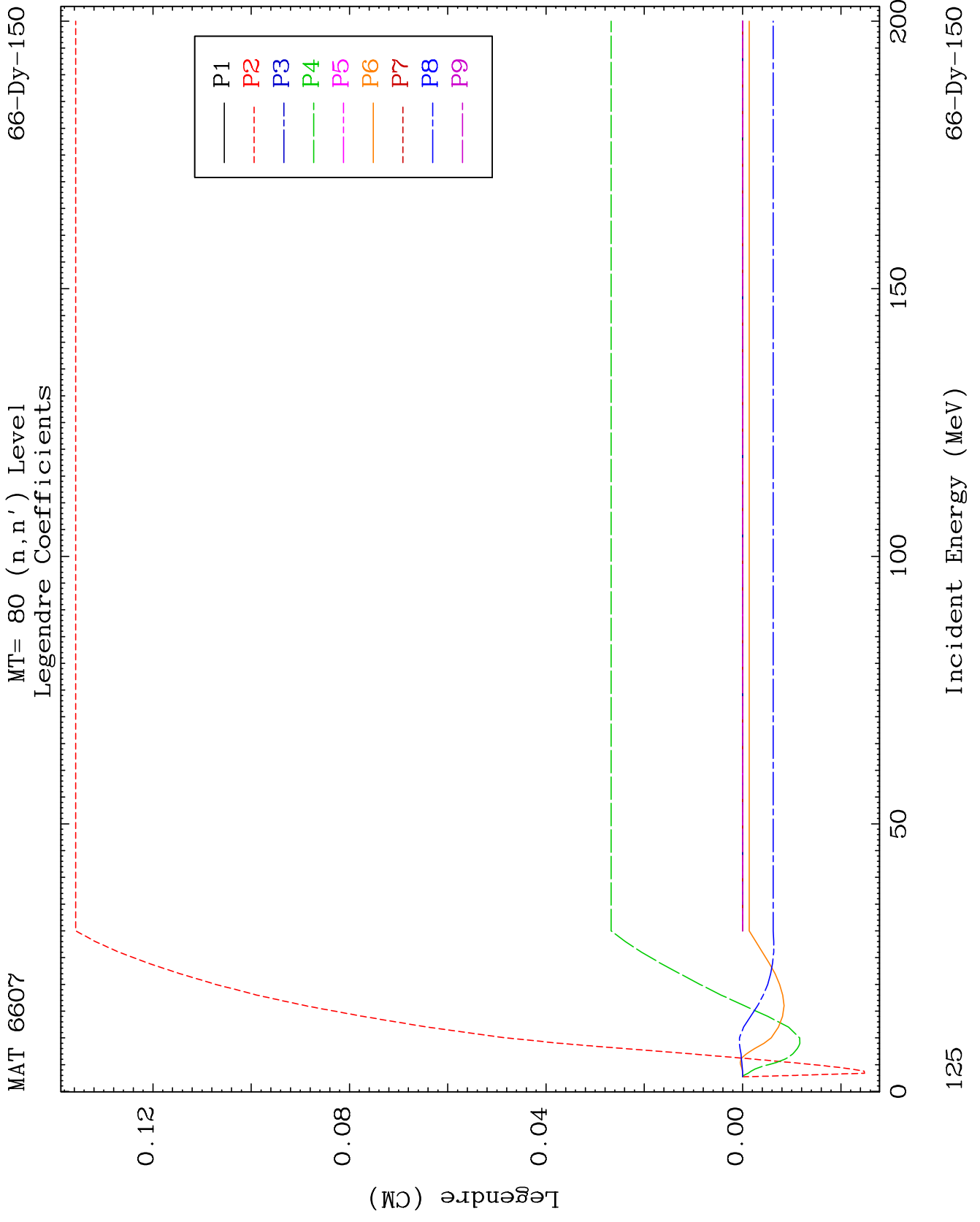


123

Incident Energy (MeV)

66-Dy-150

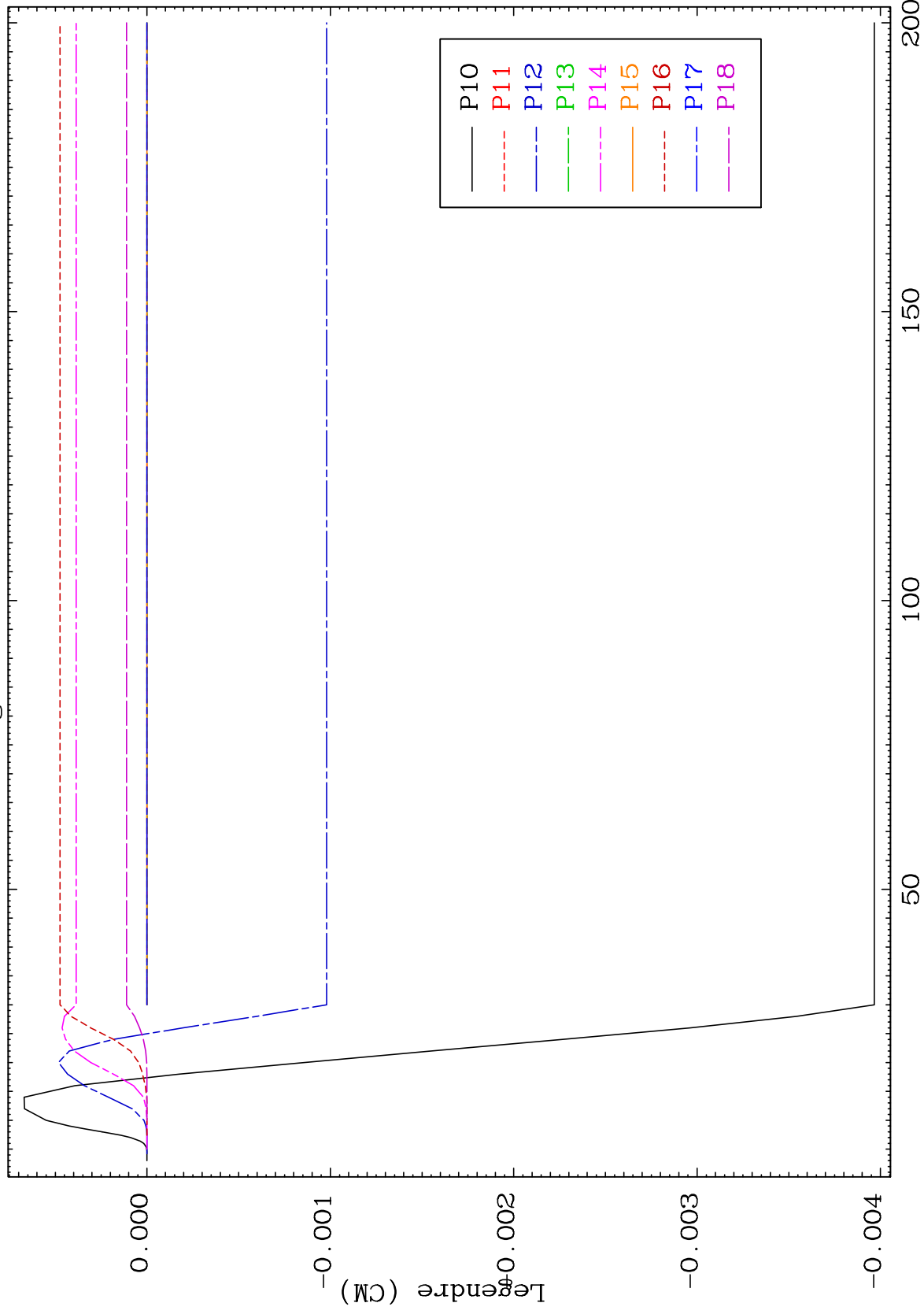




MAT 6607

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

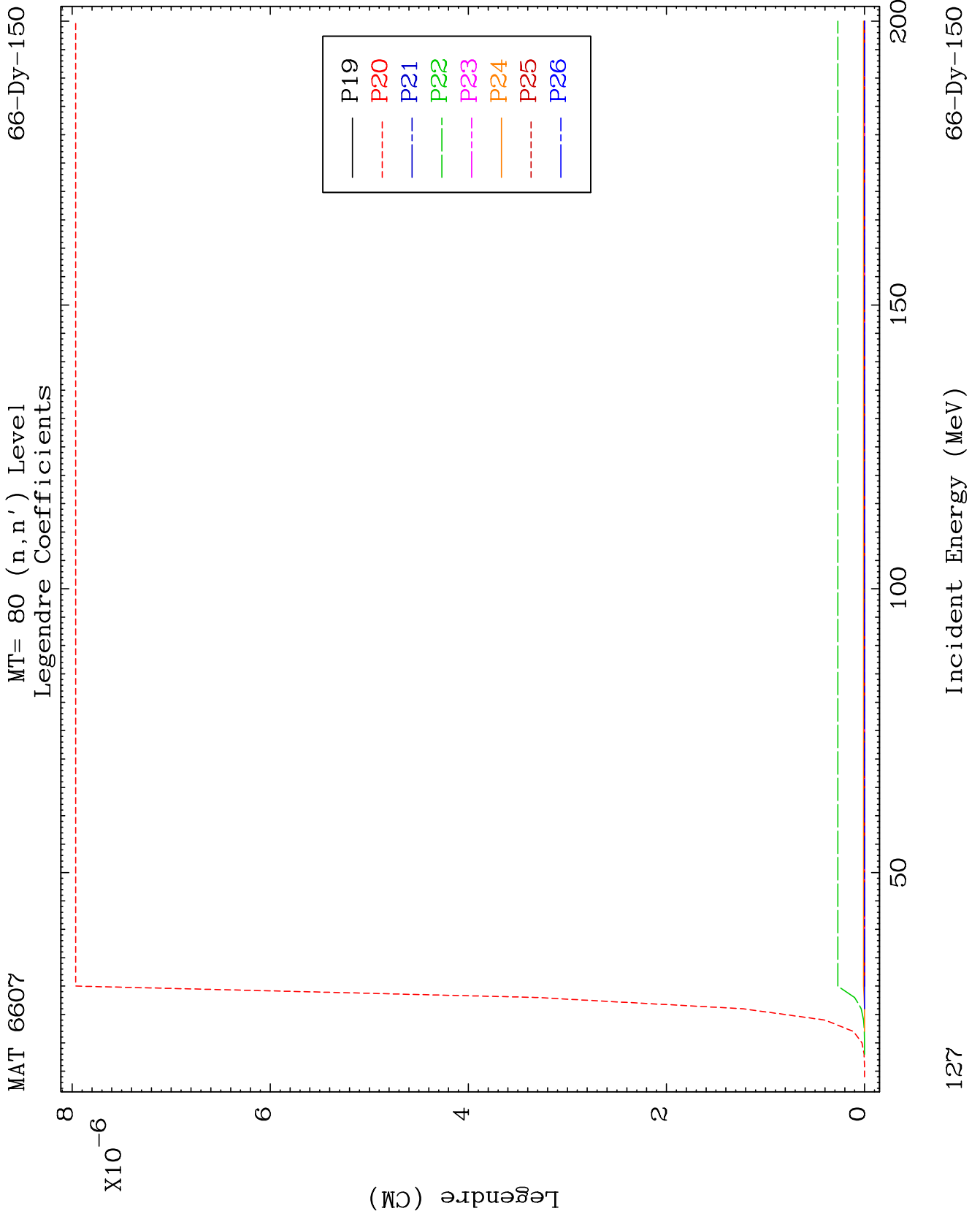
66-Dy-150



126

Incident Energy (MeV)

66-Dy-150



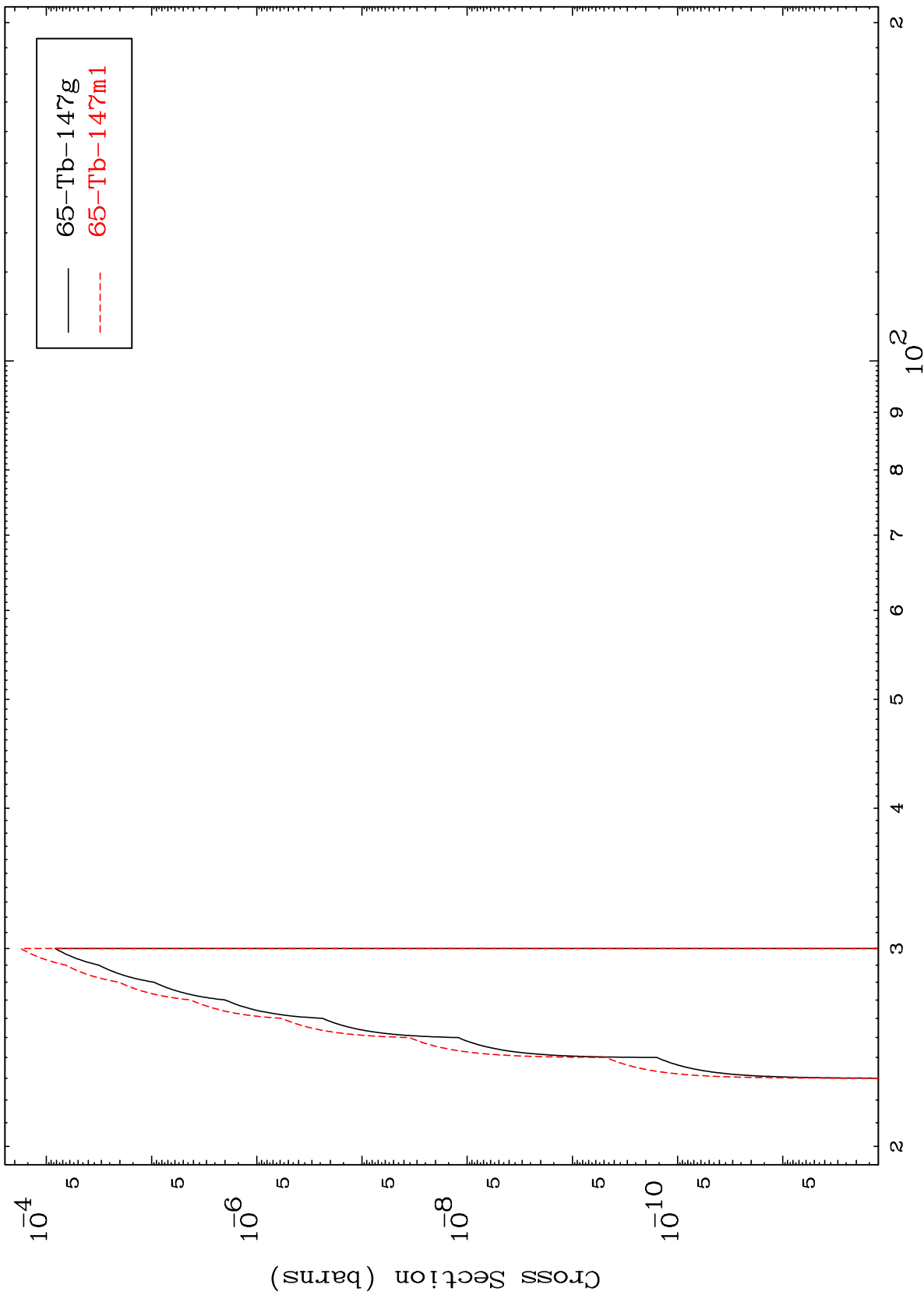


MAT 6607

(n,2n) d

66-Dy-150

Radionuclide Production Cross Section



128

Incident Energy (MeV)

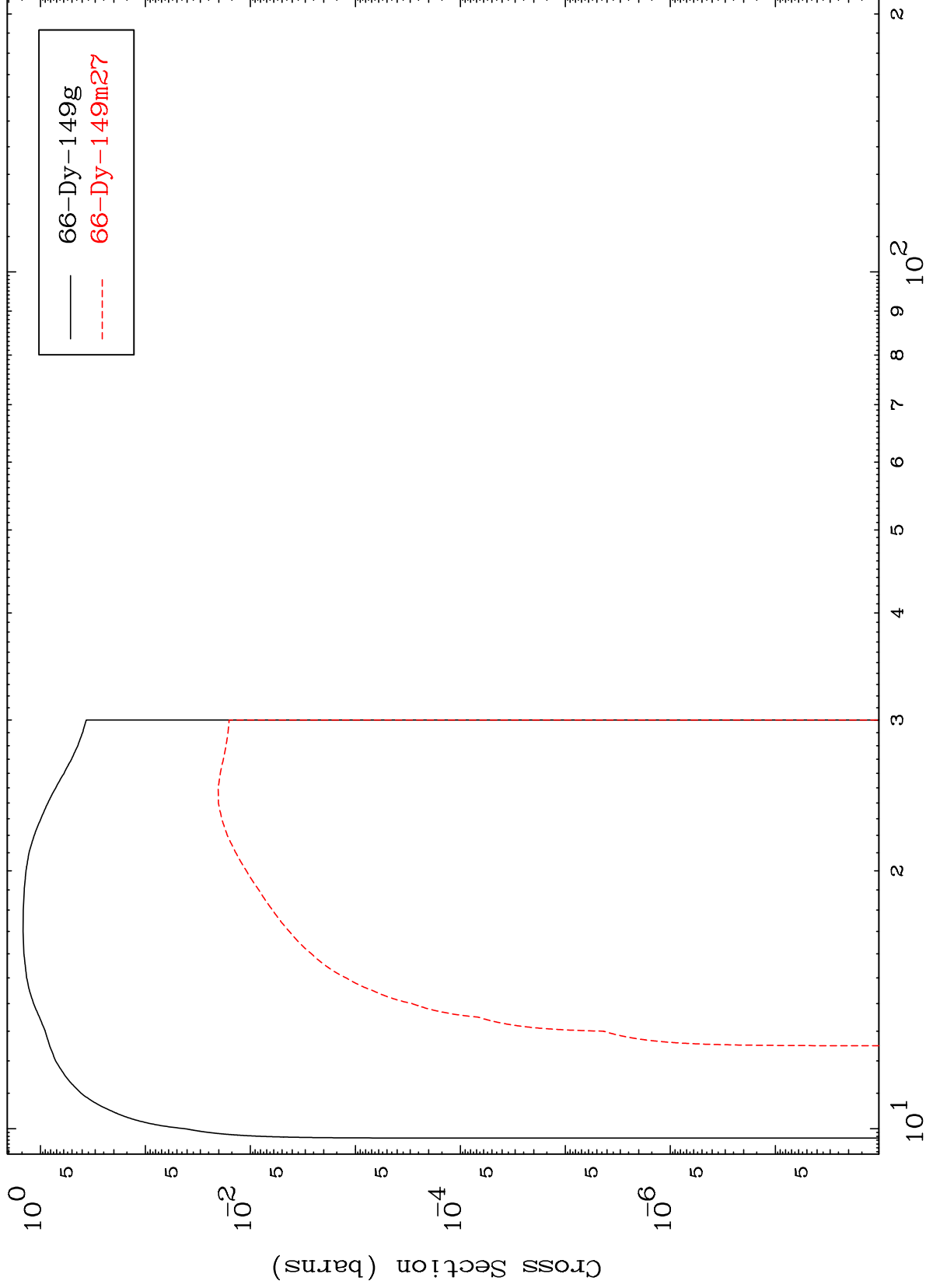
66-Dy-150

MAT 6607

(n,2n)

66-Dy-150

Radionuclide Production Cross Section



Incident Energy (MeV)

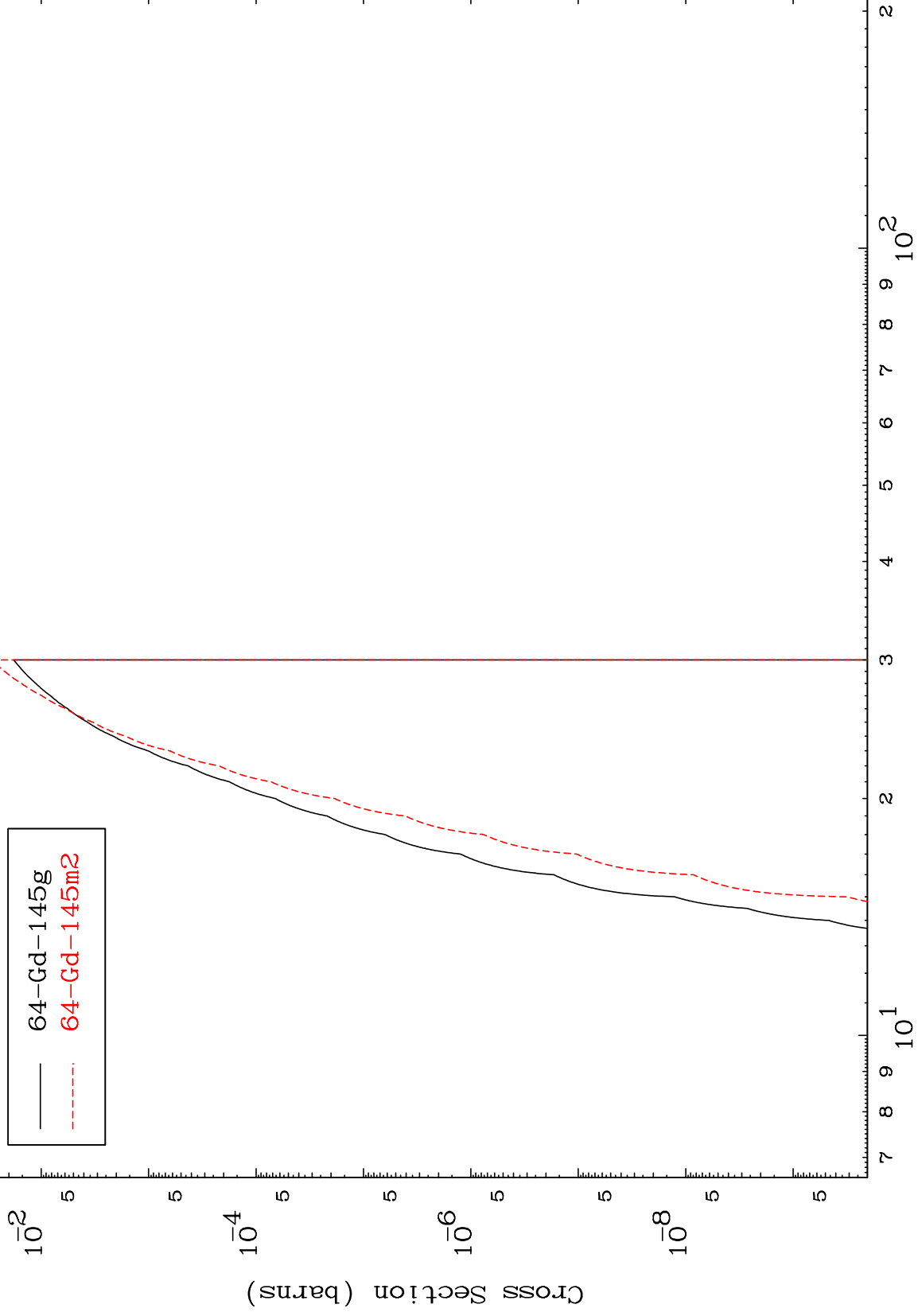
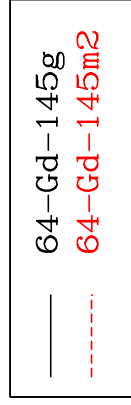
66-Dy-150

MAT 6607

(n,2n)  $\alpha$

66-Dy-150

Radionuclide Production Cross Section



130

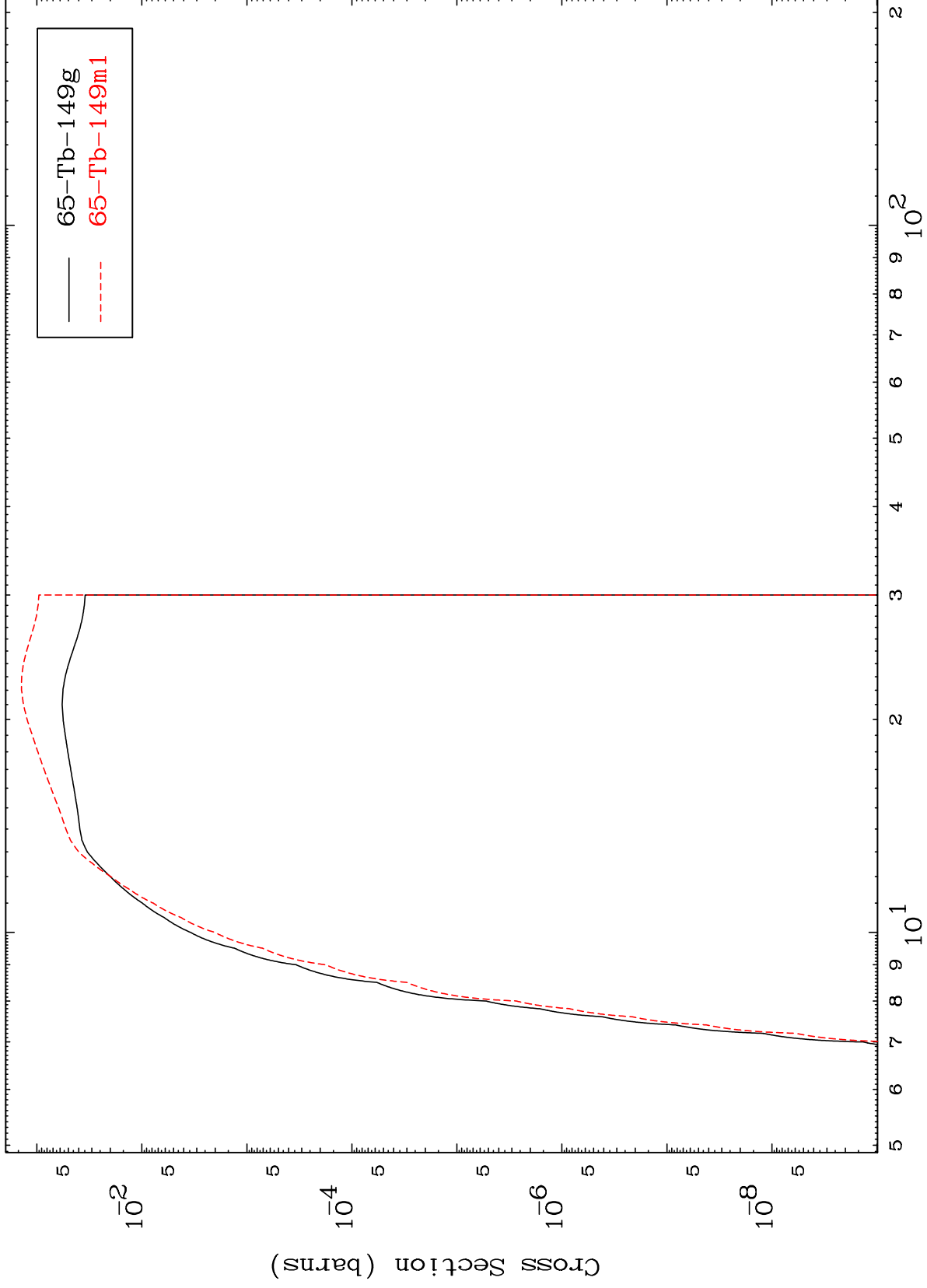
Incident Energy (MeV)

66-Dy-150

MAT 6607

66-Dy-150

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

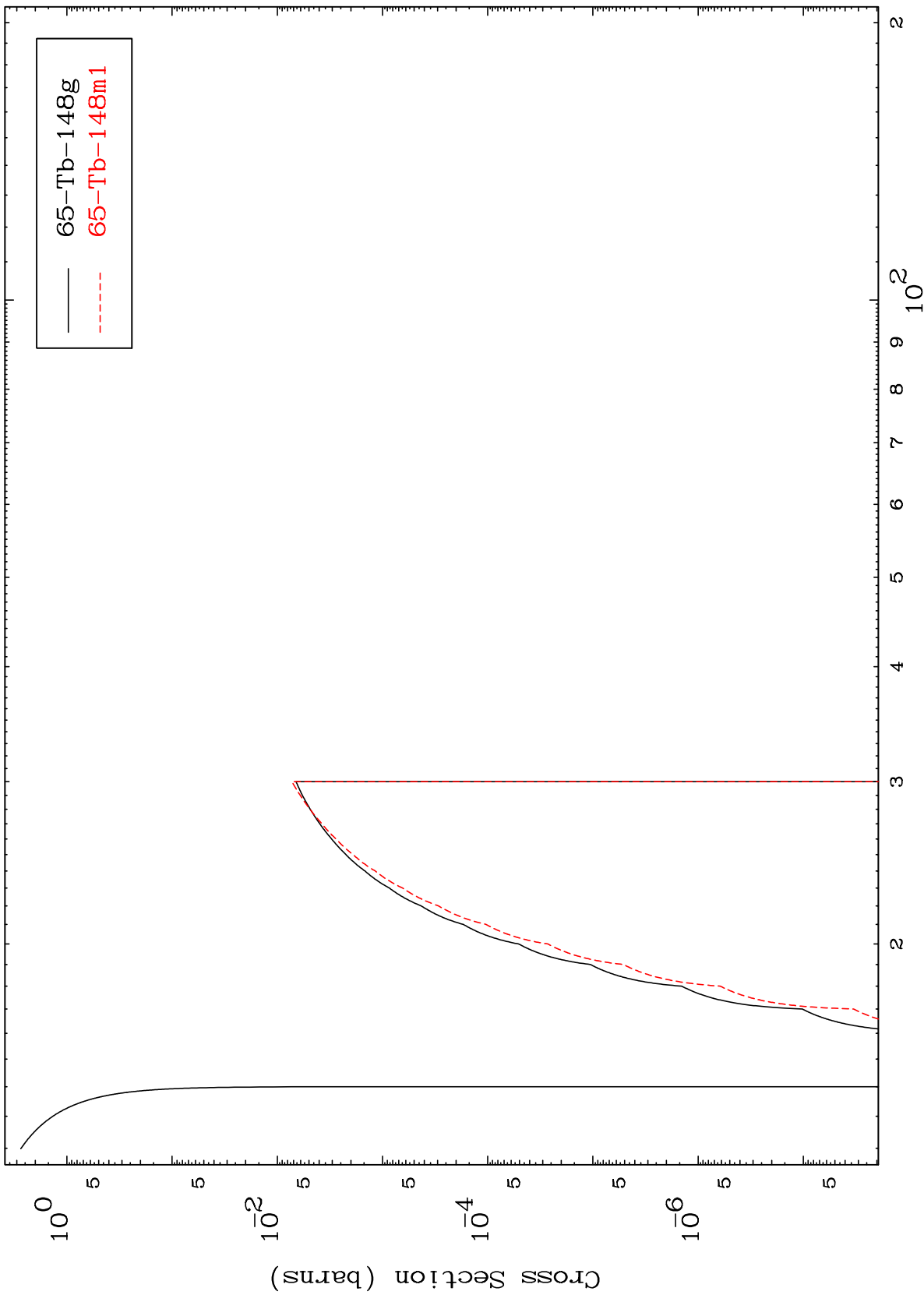


131

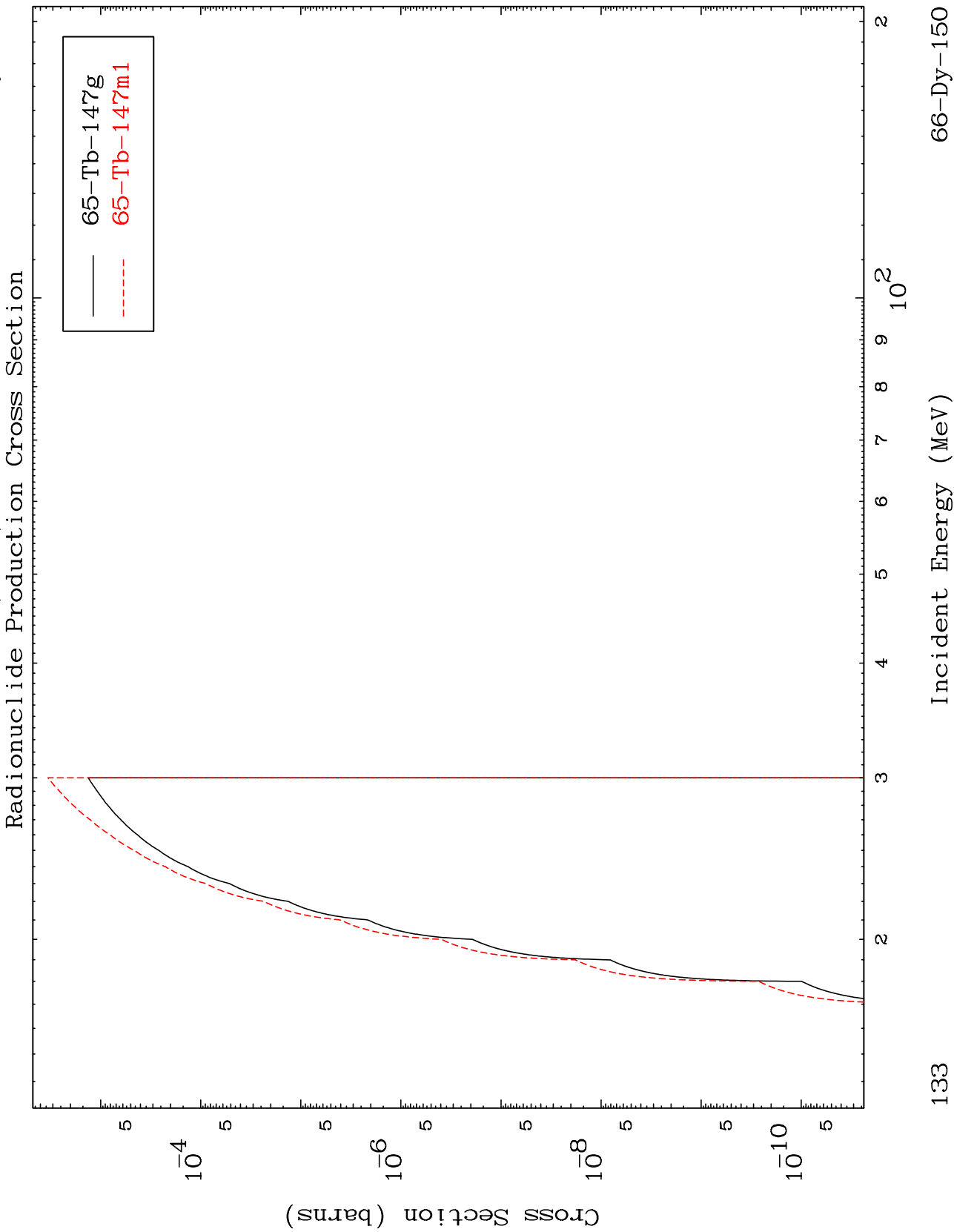
Incident Energy (MeV)

66-Dy-150

Radionuclide Production Cross Section



65-Tb-148g  
65-Tb-148m1

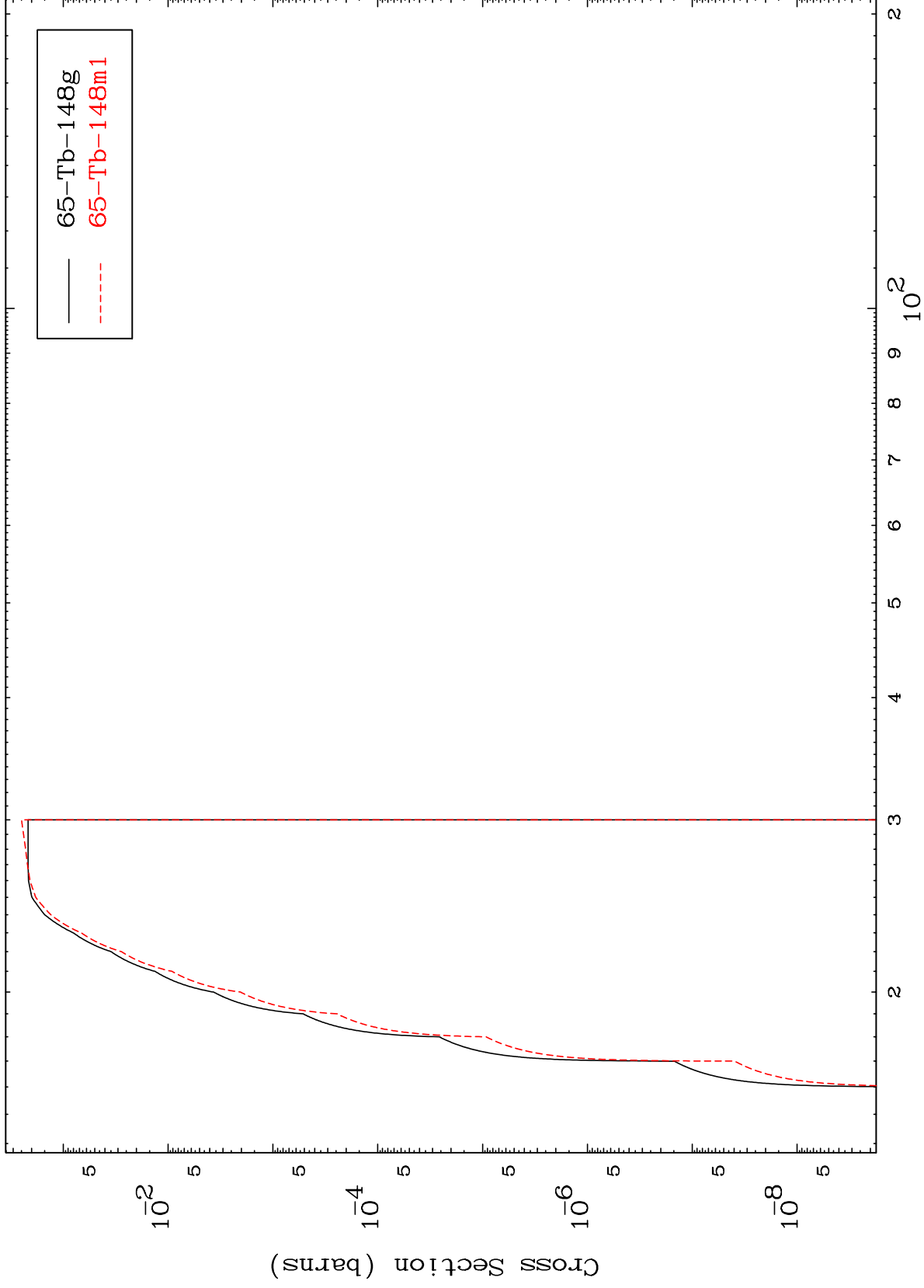


MAT 6607

(n,2n) p

66-Dy-150

Radionuclide Production Cross Section



134

Incident Energy (MeV)

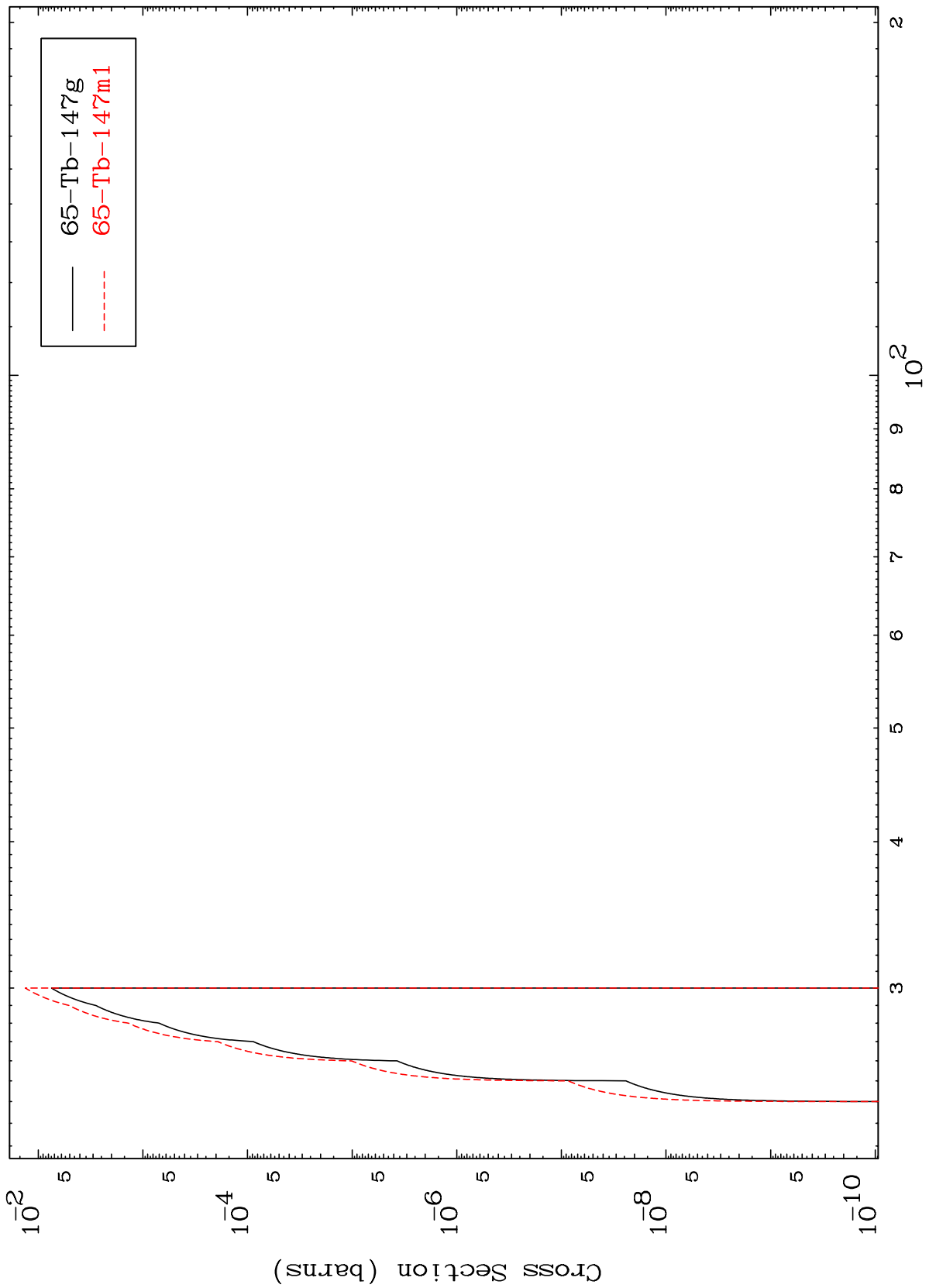
66-Dy-150

MAT 6607

(n,3n) p

66-Dy-150

Radionuclide Production Cross Section



135

Incident Energy (MeV)

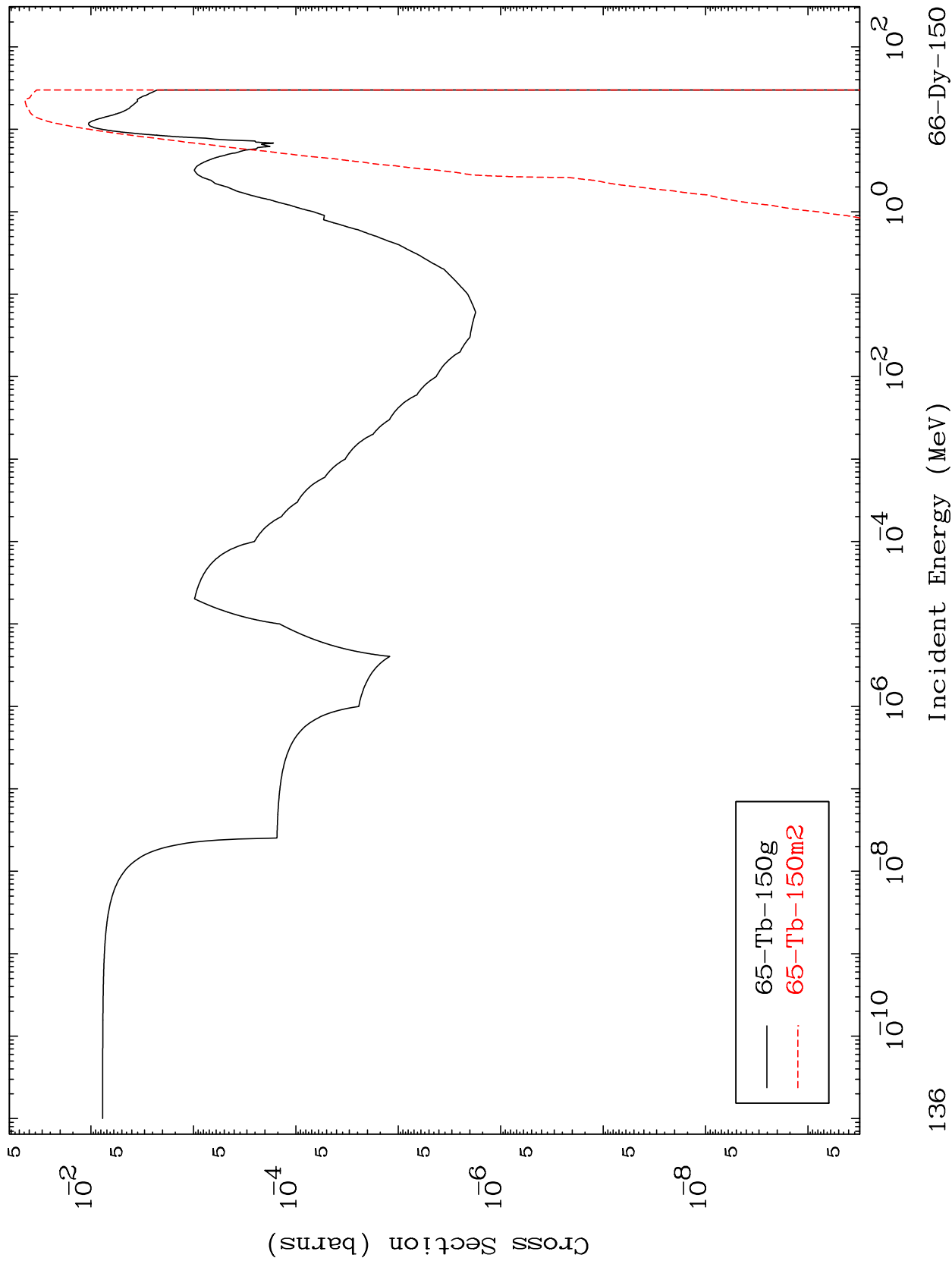
66-Dy-150



MAT 6607

66-Dy-150

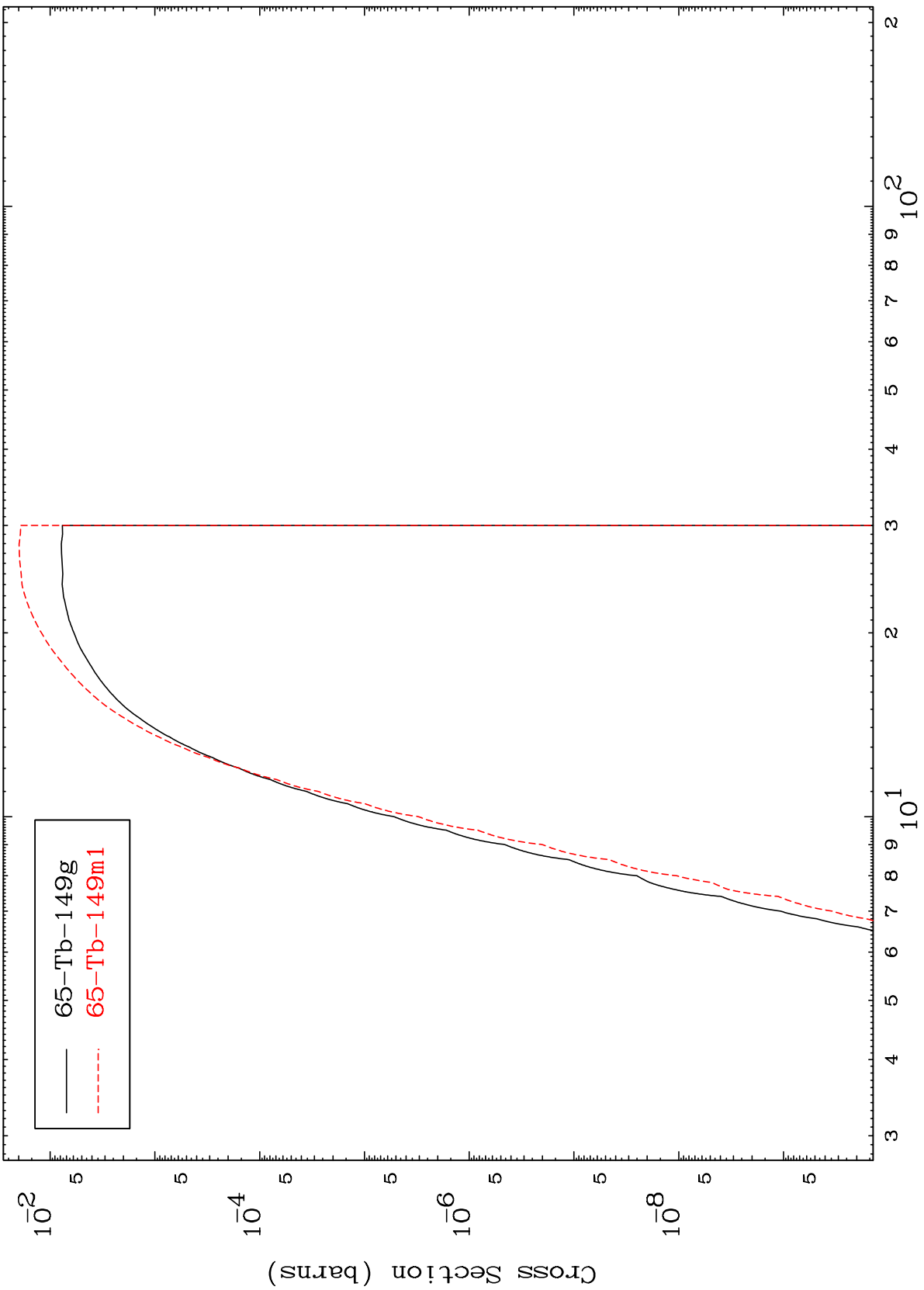
Radionuclide Production Cross Section (n,p)



MAT 6607

66-Dy-150

(n,d)  
Radionuclide Production Cross Section

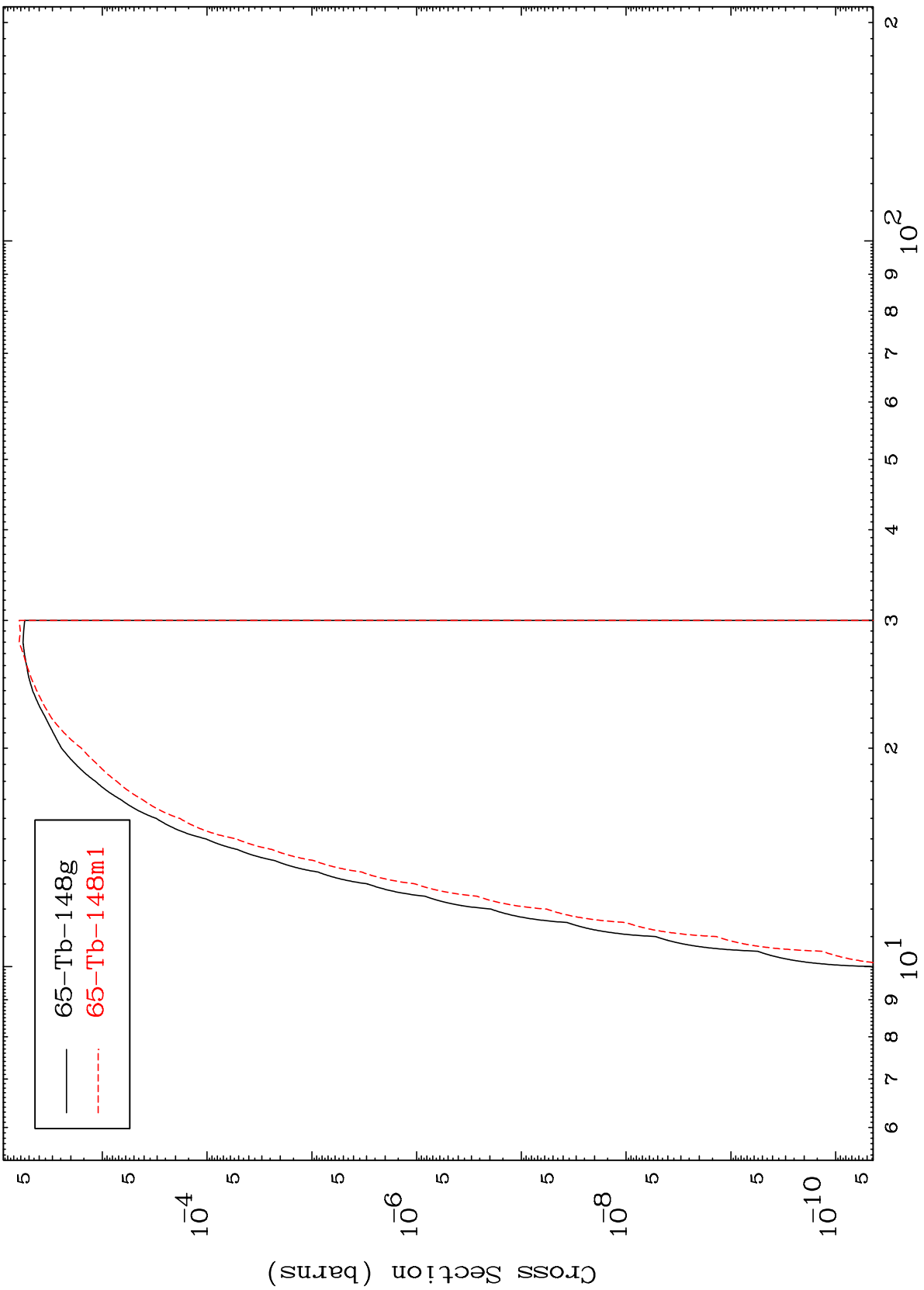


137

Incident Energy (MeV)

66-Dy-150

(n, t)  
Radionuclide Production Cross Section

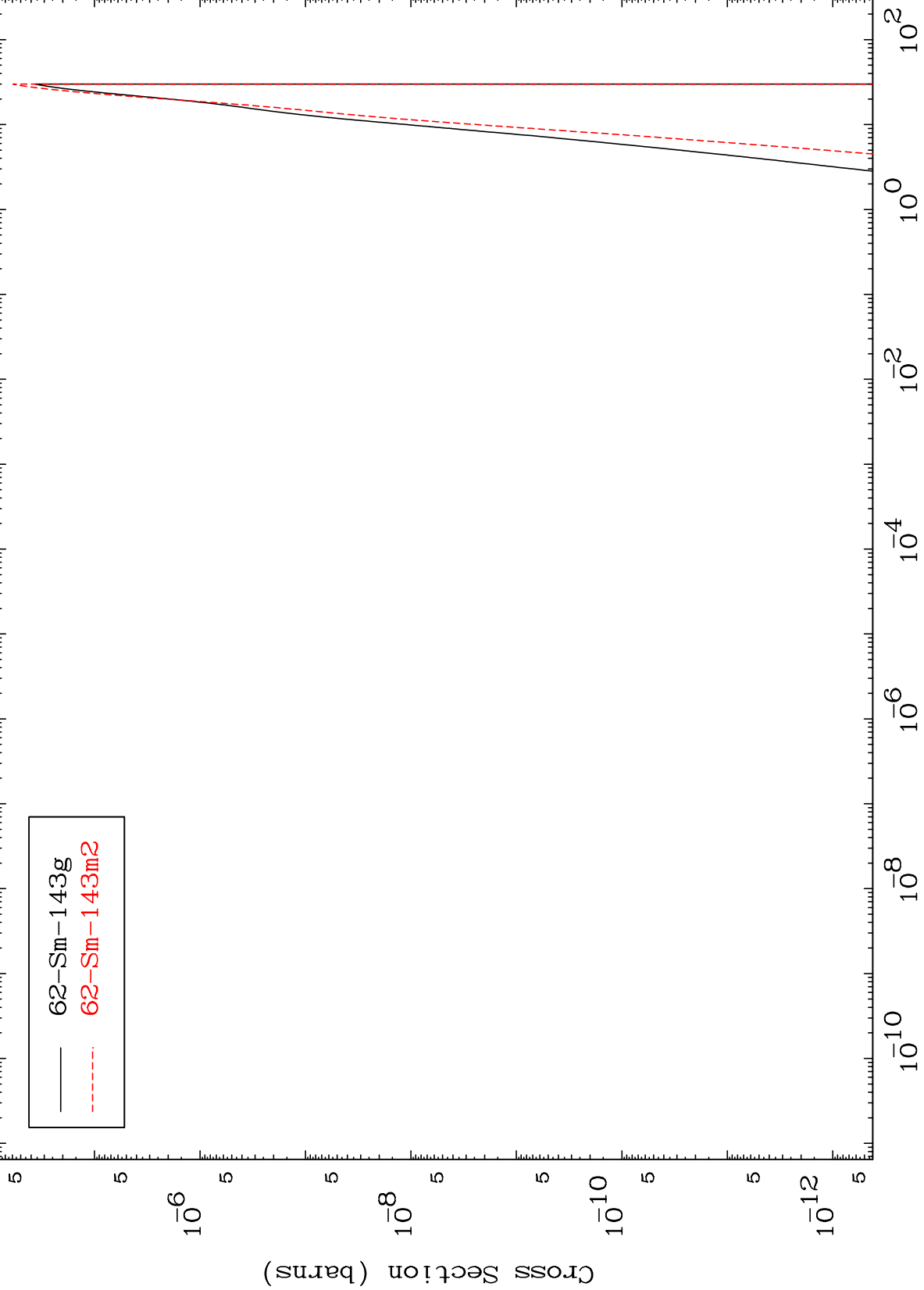


MAT 6607

(n,2α)

66-Dy-150

Radionuclide Production Cross Section



62-Sm-143g  
62-Sm-143m2