

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

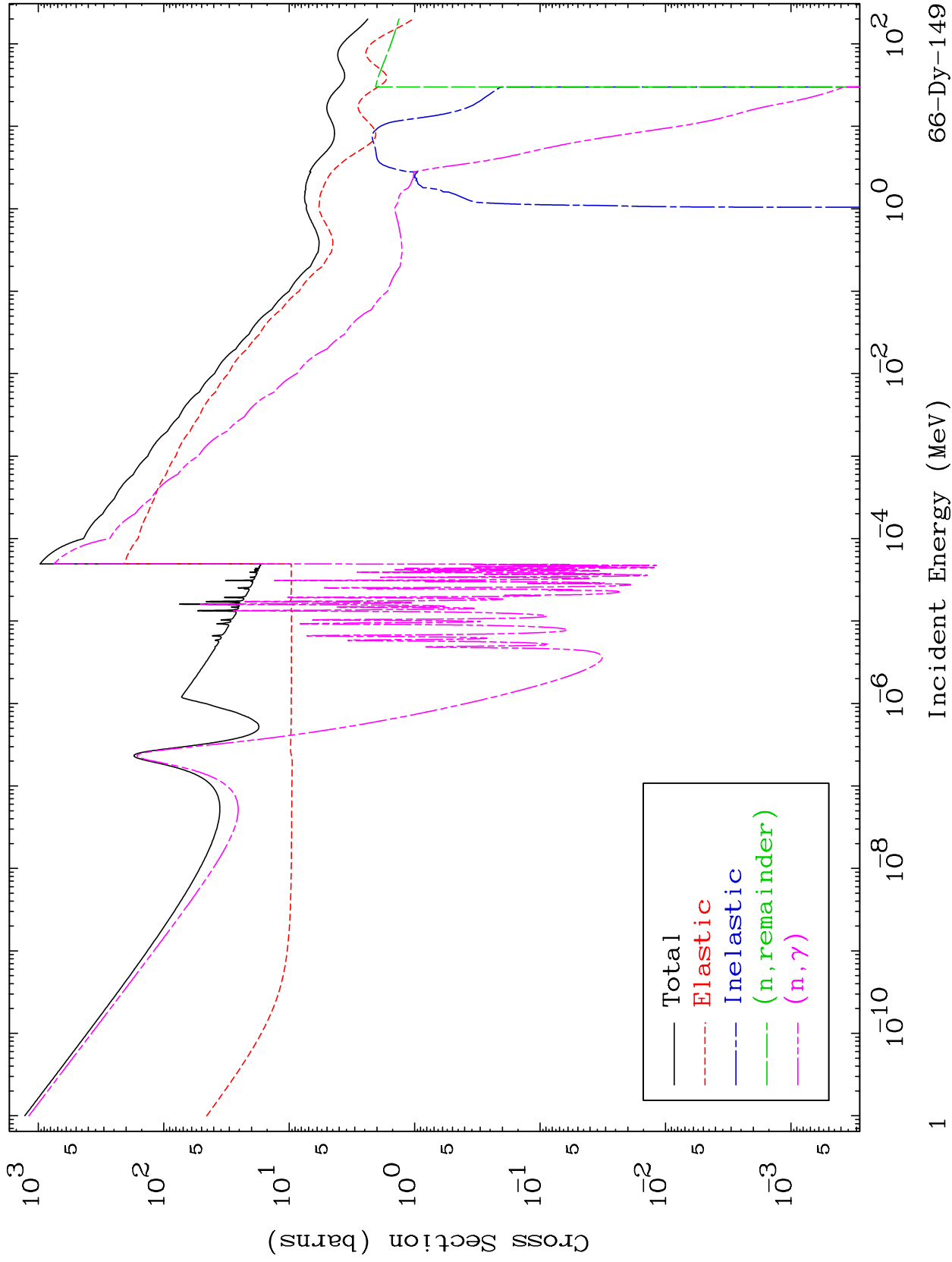
Press Mouse Button to Start

MAT 6604

Major

293 Kelvin Cross Sections

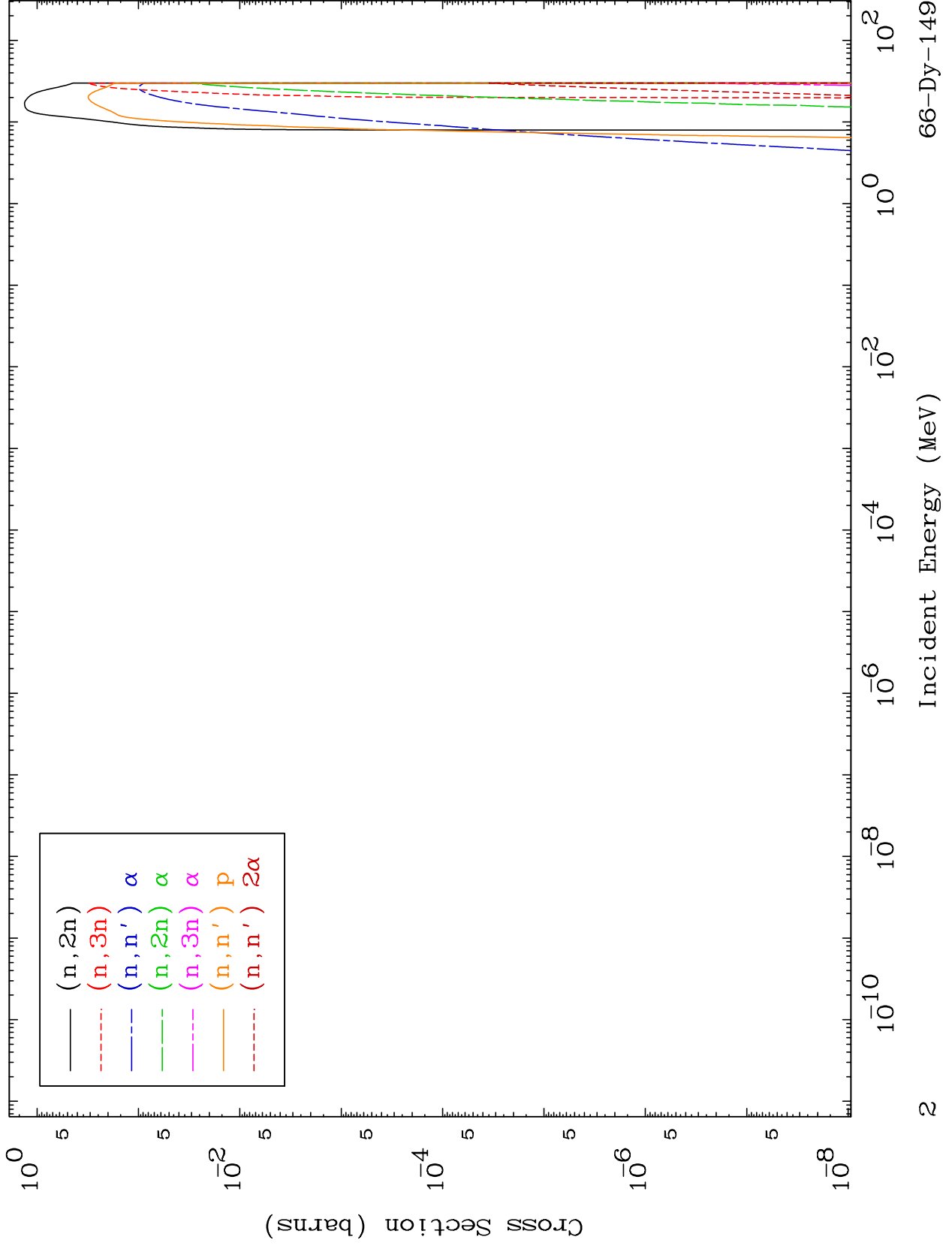
66-Dy-149

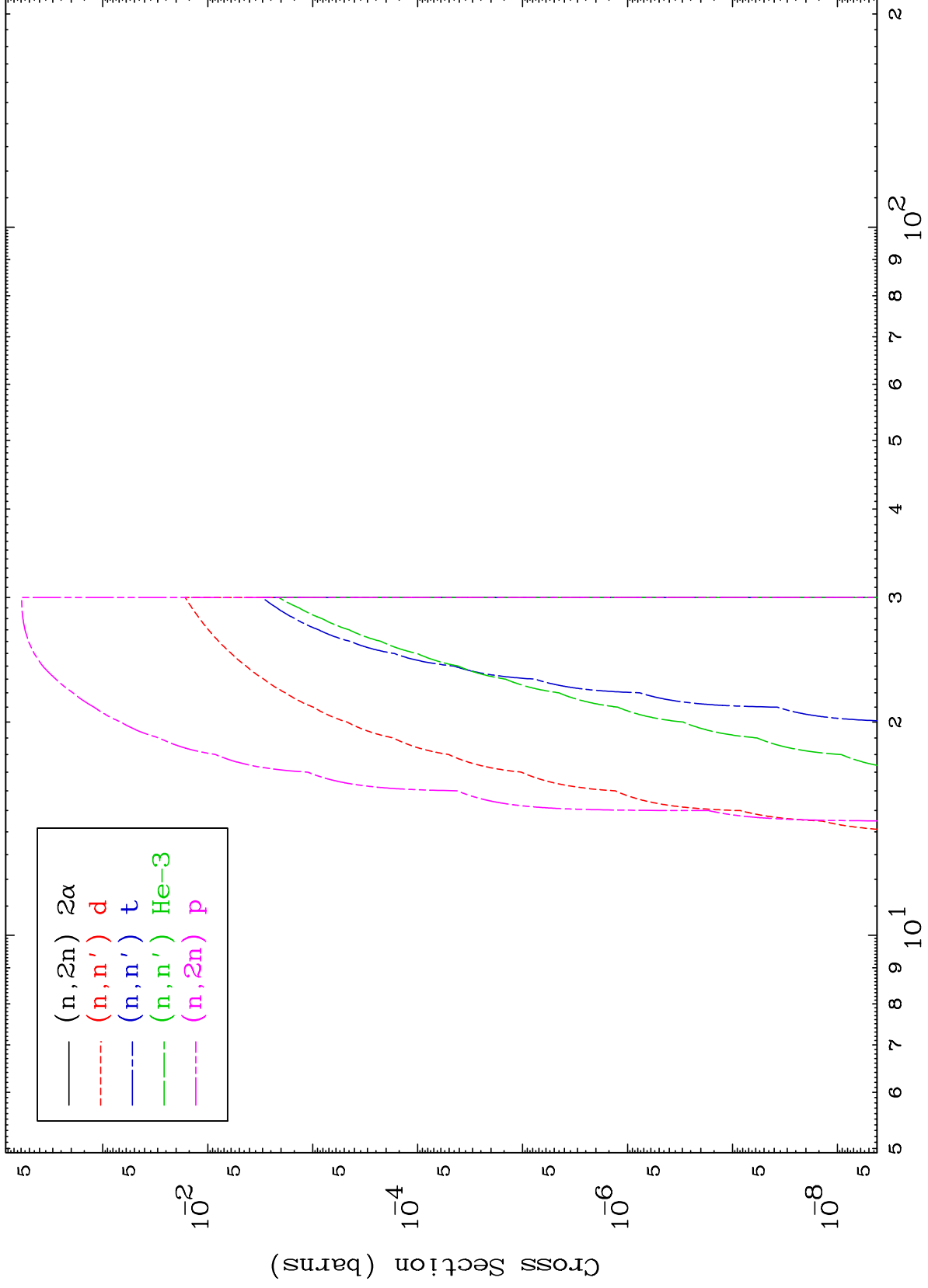


MAT 6604

Neutron Production
293 Kelvin Cross Sections

66-Dy-149

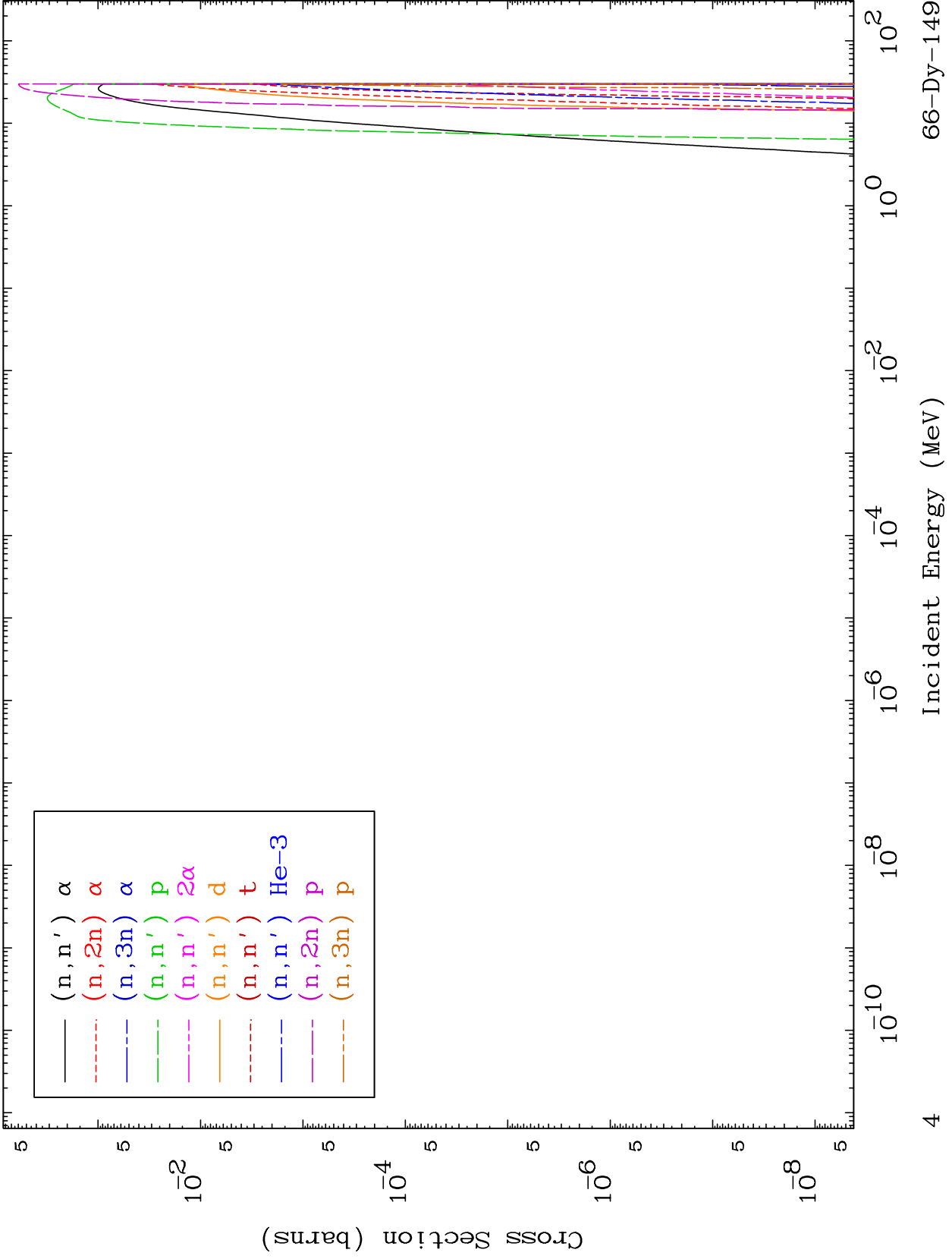




MAT 6604

Charged Particle
293 Kelvin Cross Sections

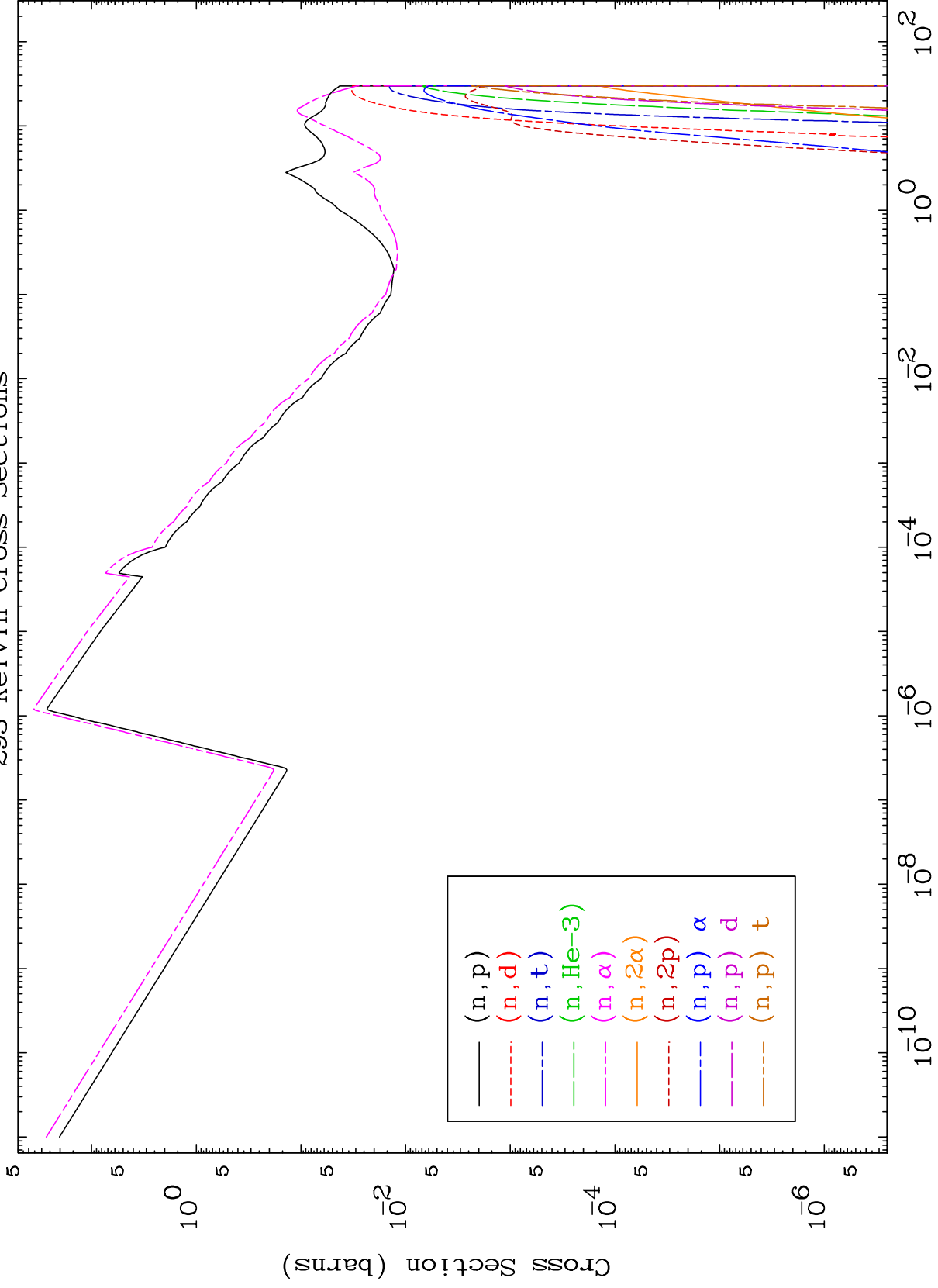
66-Dy-149



MAT 6604

Charged Particle
293 Kelvin Cross Sections

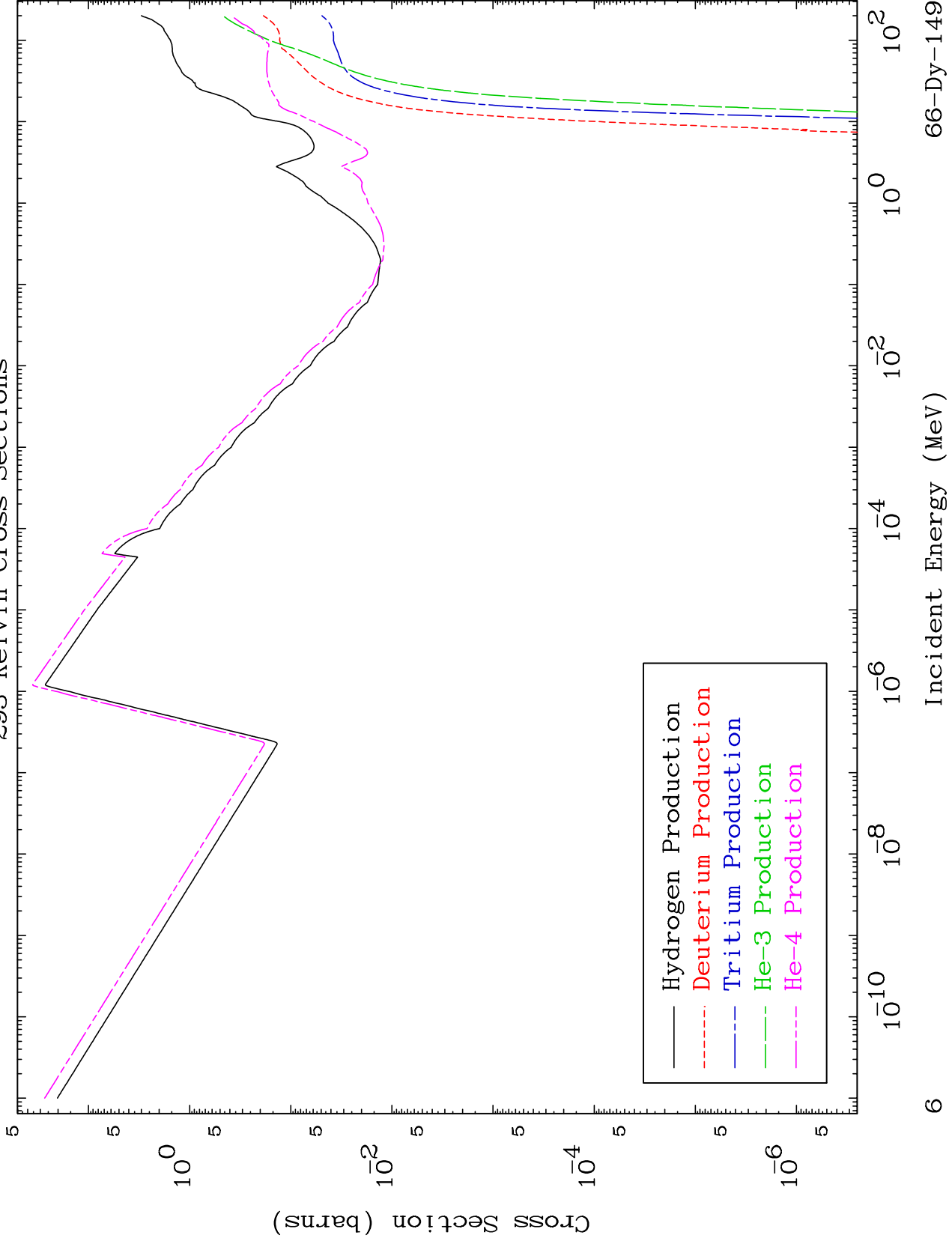
66-Dy-149



MAT 6604

Particle Production
293 Kelvin Cross Sections

66-Dy-149

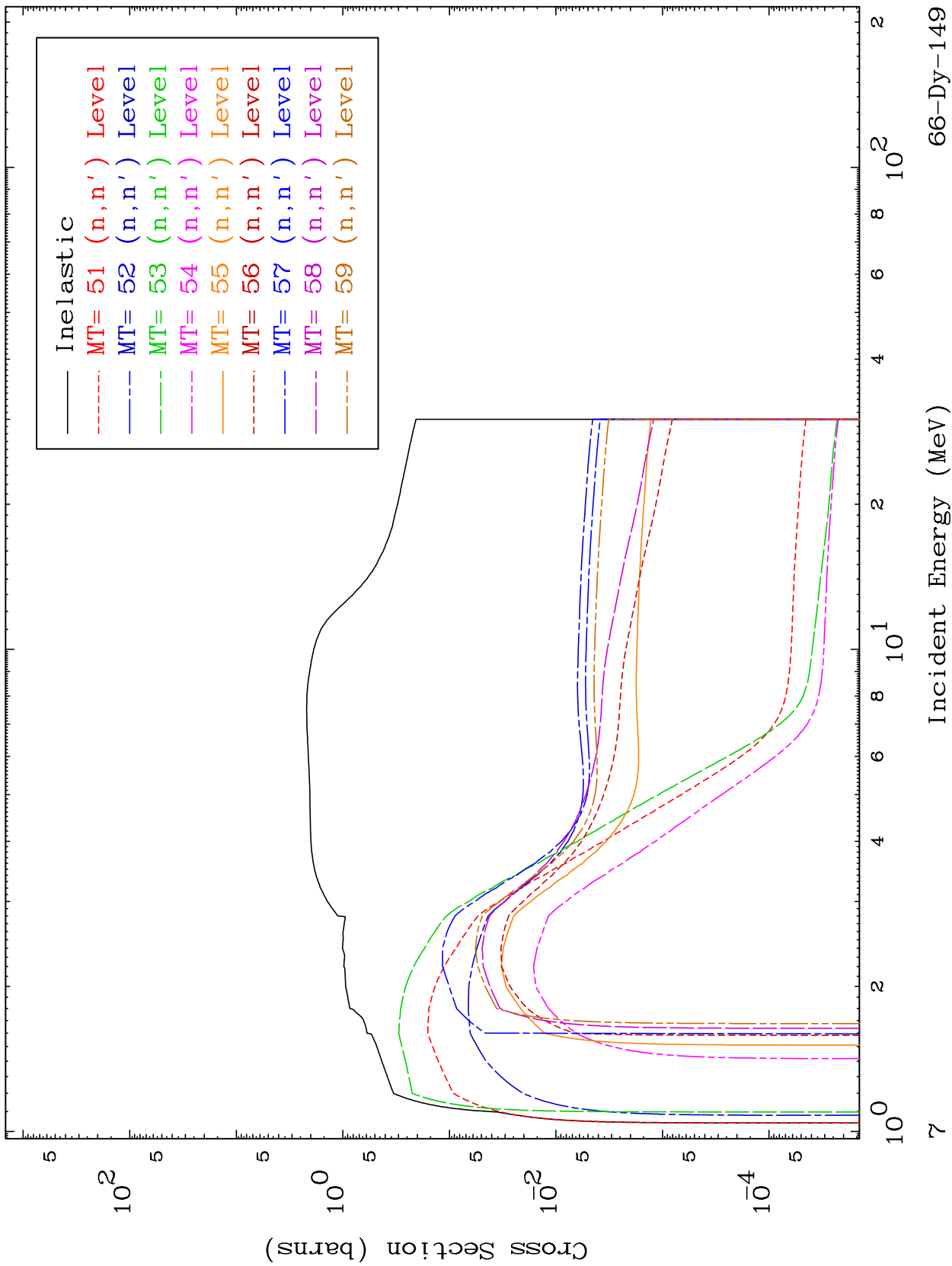


MAT 6604

(n,n') Level

66-Dy-149

293 Kelvin Cross Sections

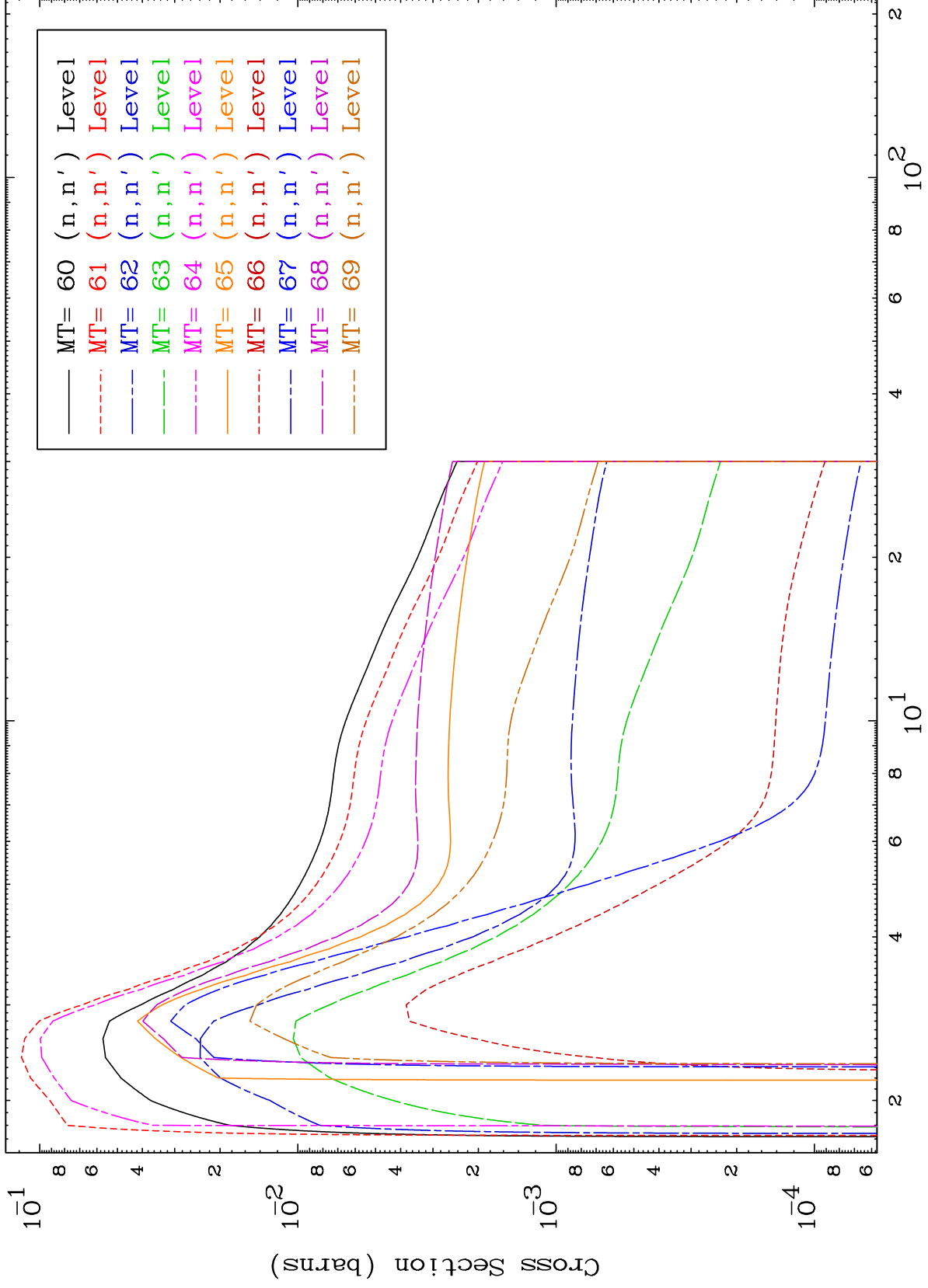


MAT 6604

(n,n') Level

293 Kelvin Cross Sections

66-Dy-149

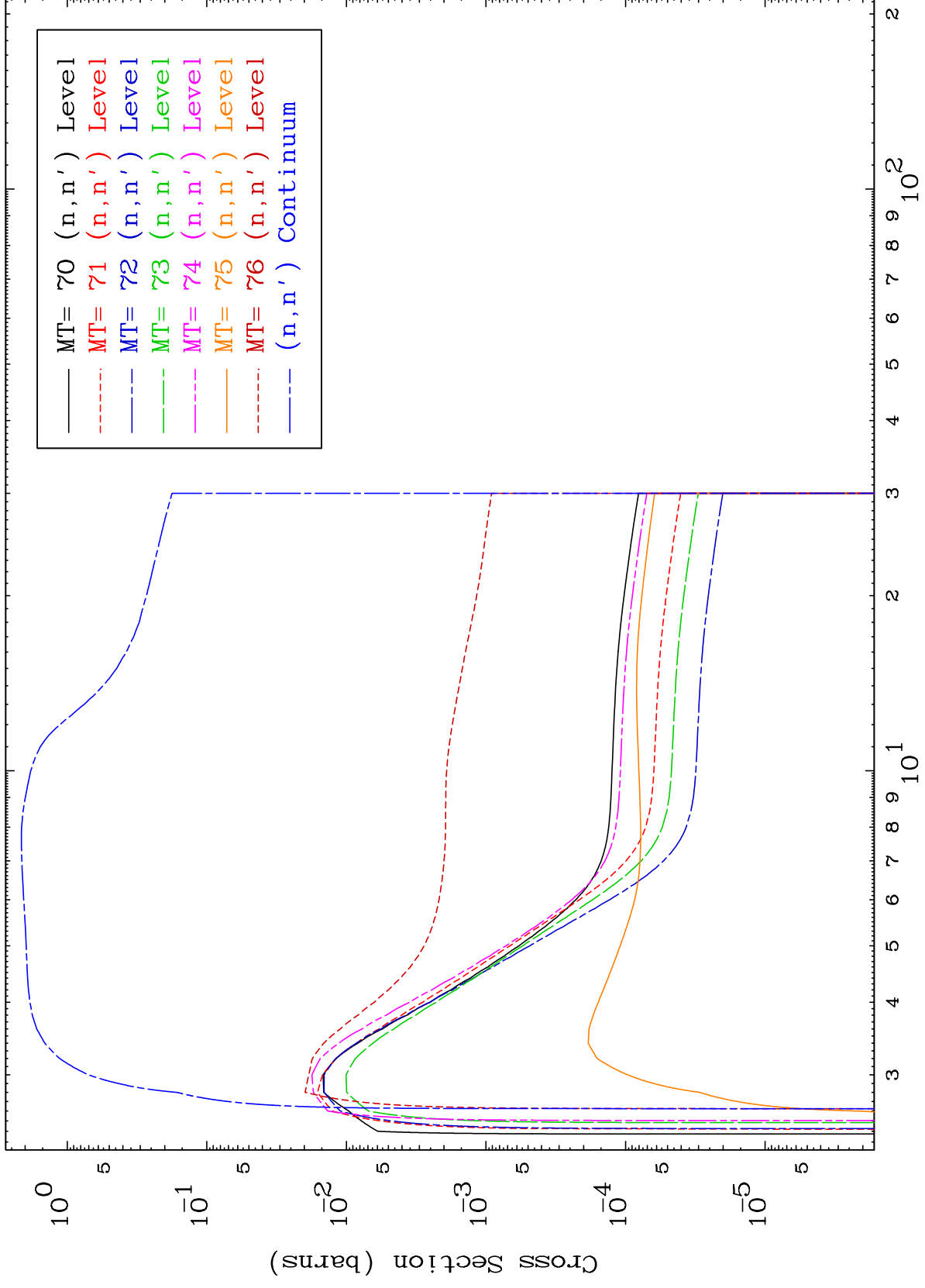


8

Incident Energy (MeV)

66-Dy-149

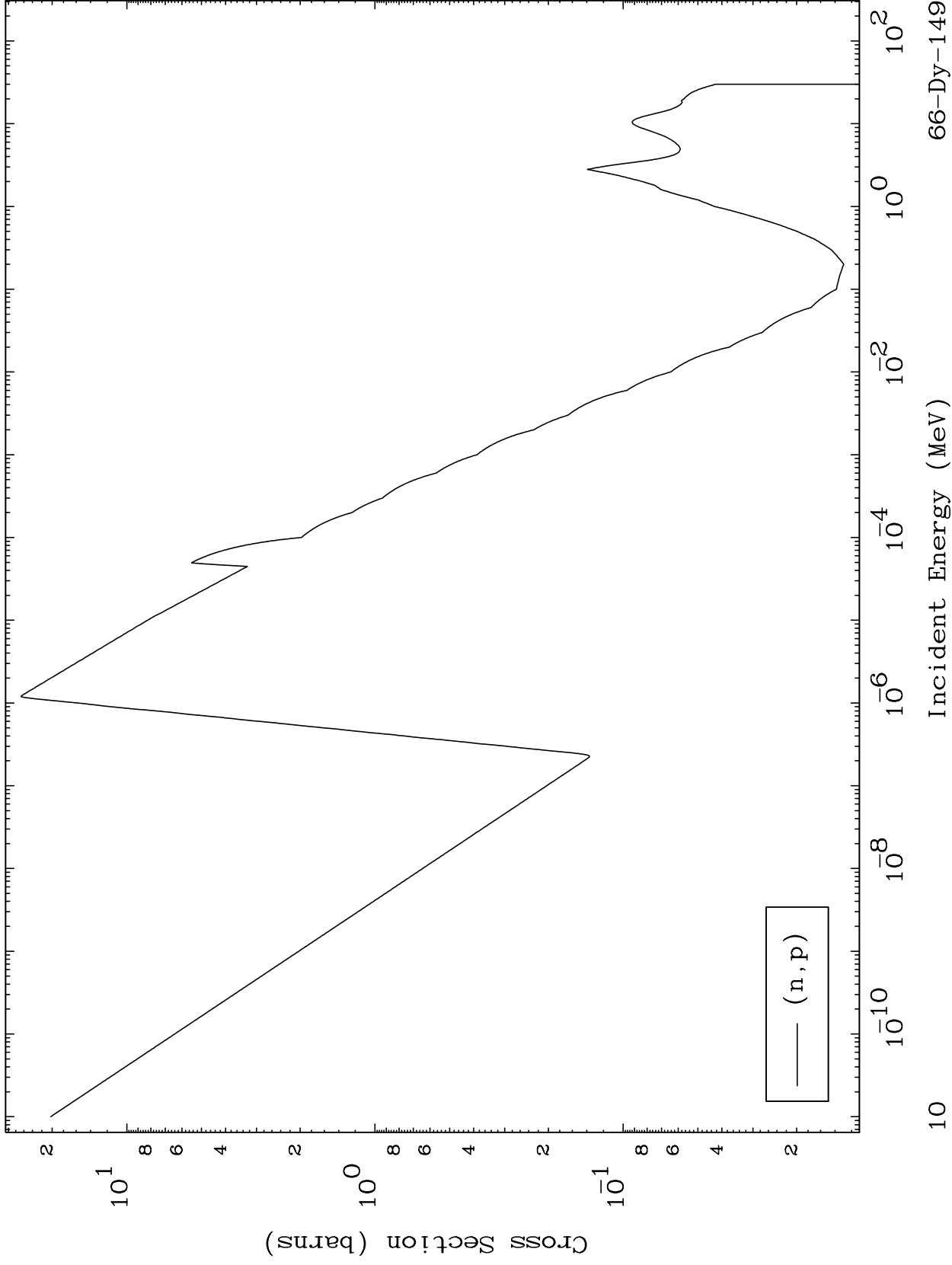
293 Kelvin Cross Sections



MAT 6604

(n,p) Levels
293 Kelvin Cross Sections

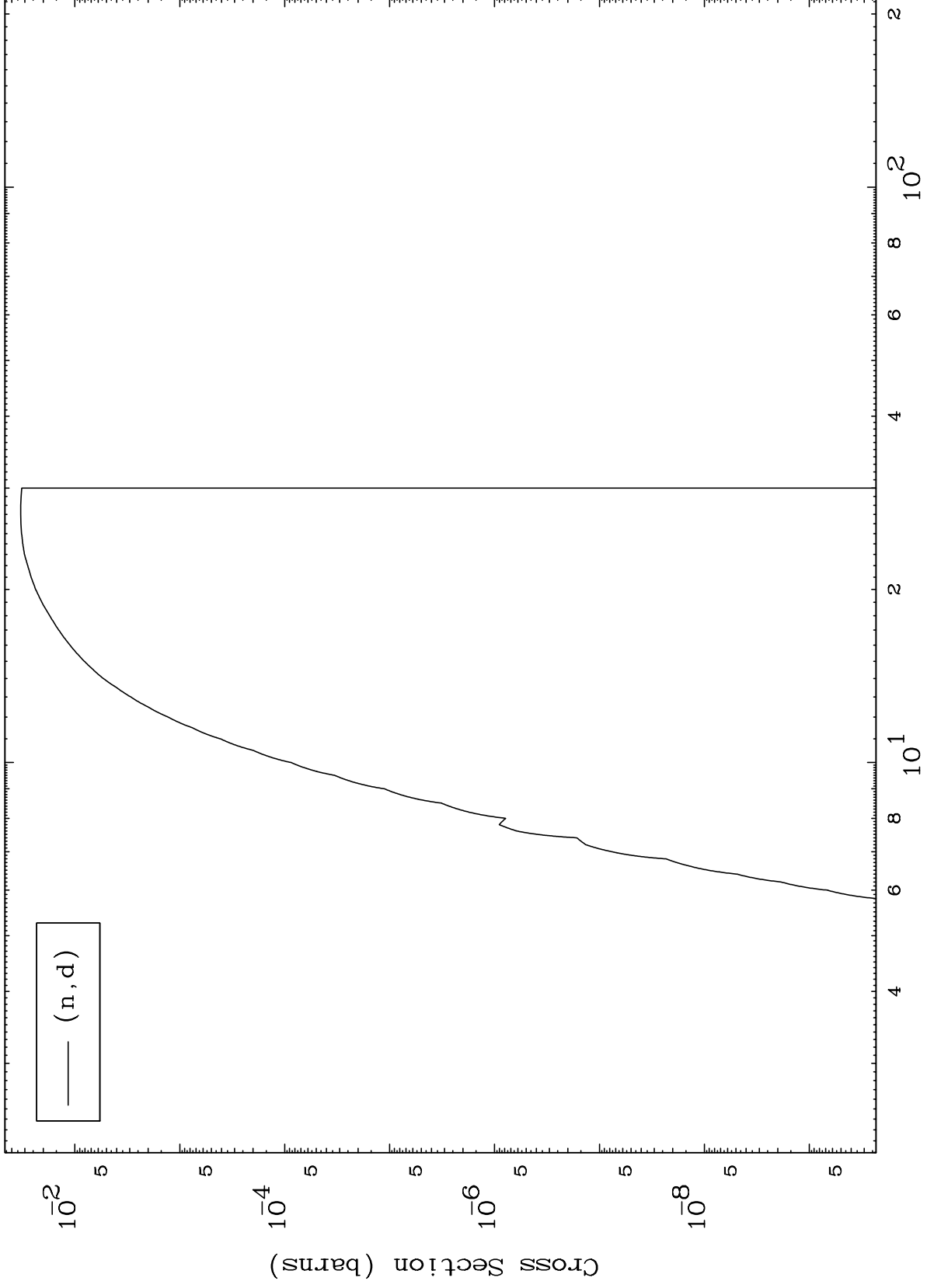
66-Dy-149



MAT 6604

(n,d) Levels
293 Kelvin Cross Sections

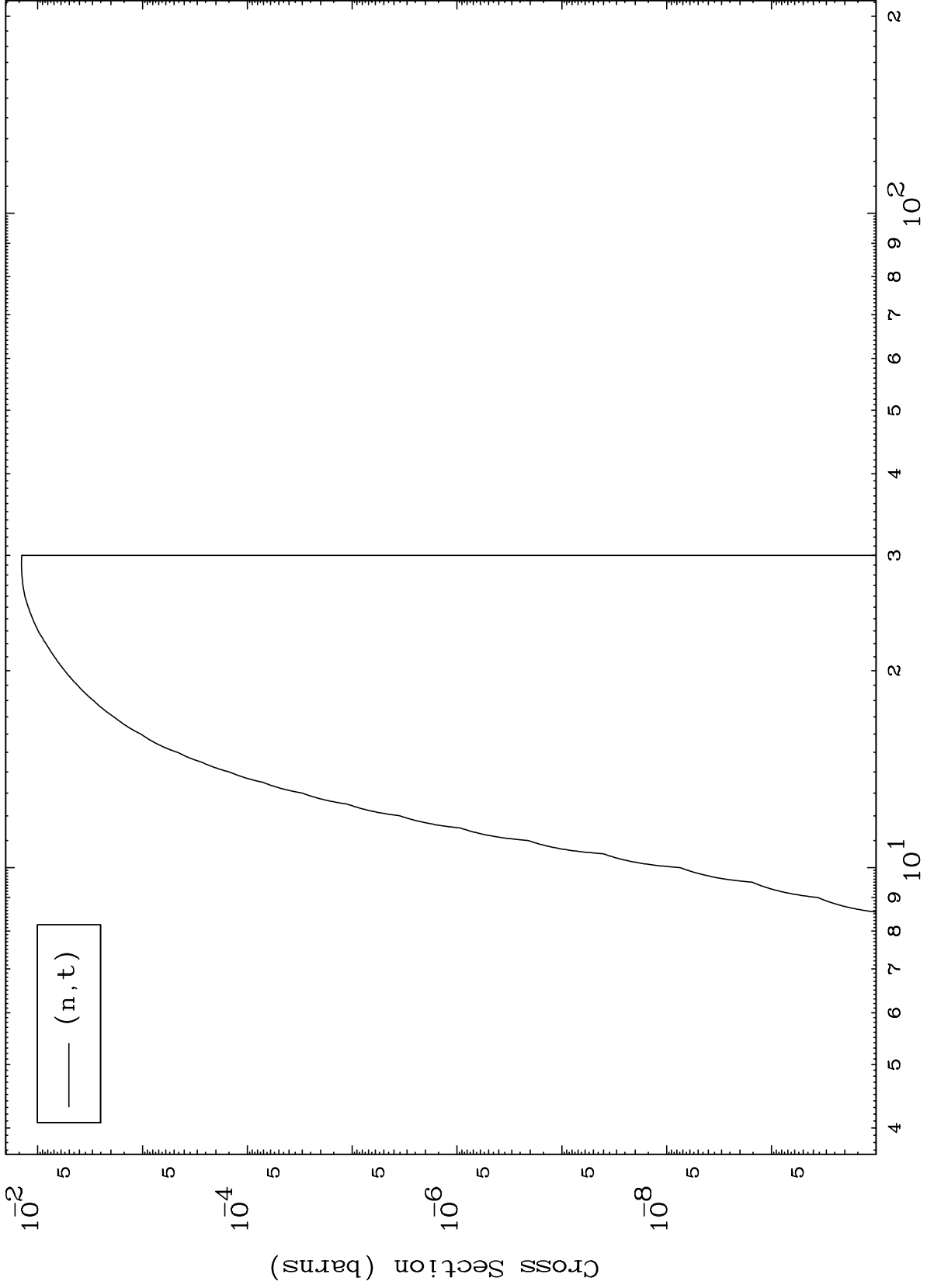
66-Dy-149



MAT 6604

(n,t) Levels
293 Kelvin Cross Sections

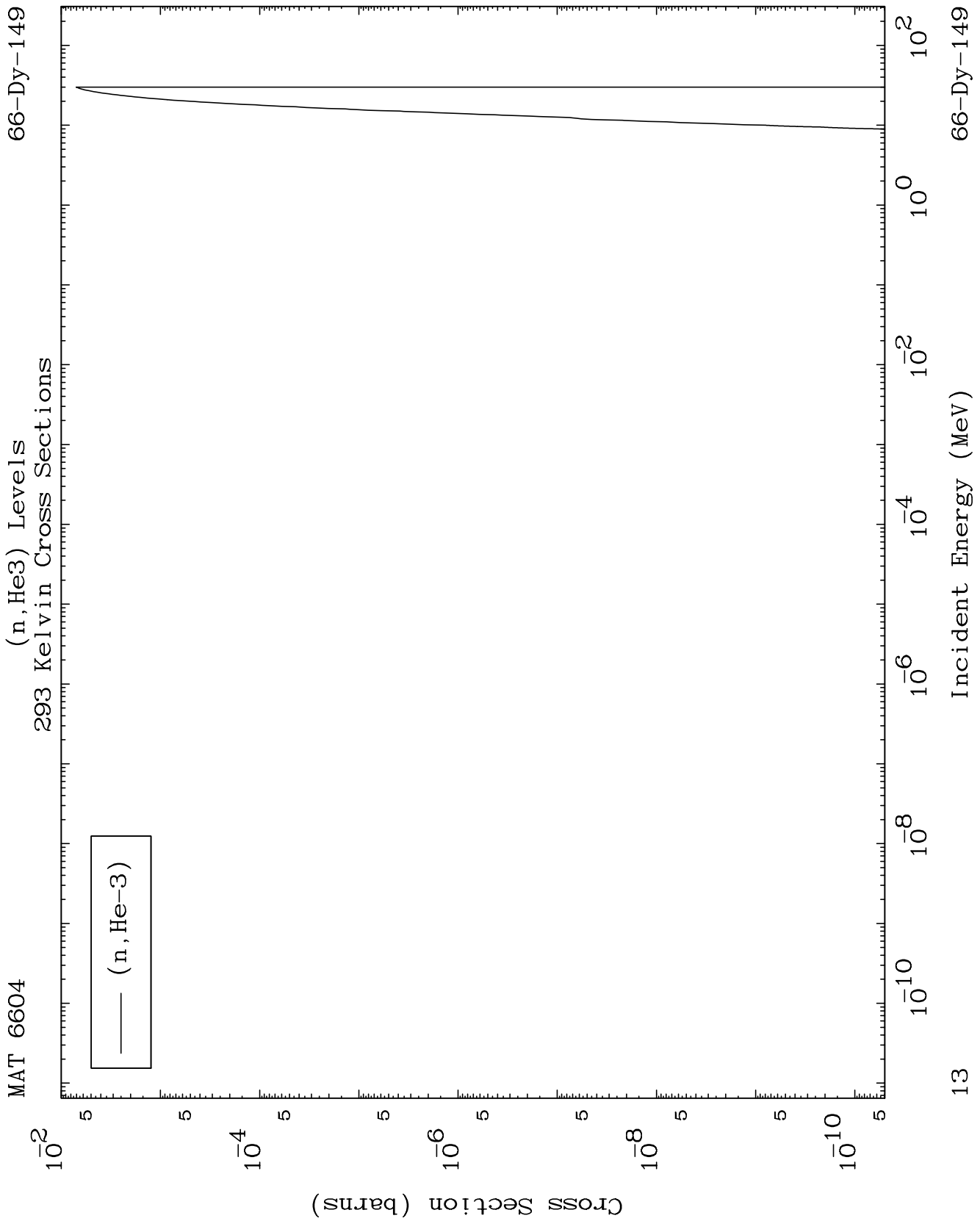
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12

Incident Energy (MeV)

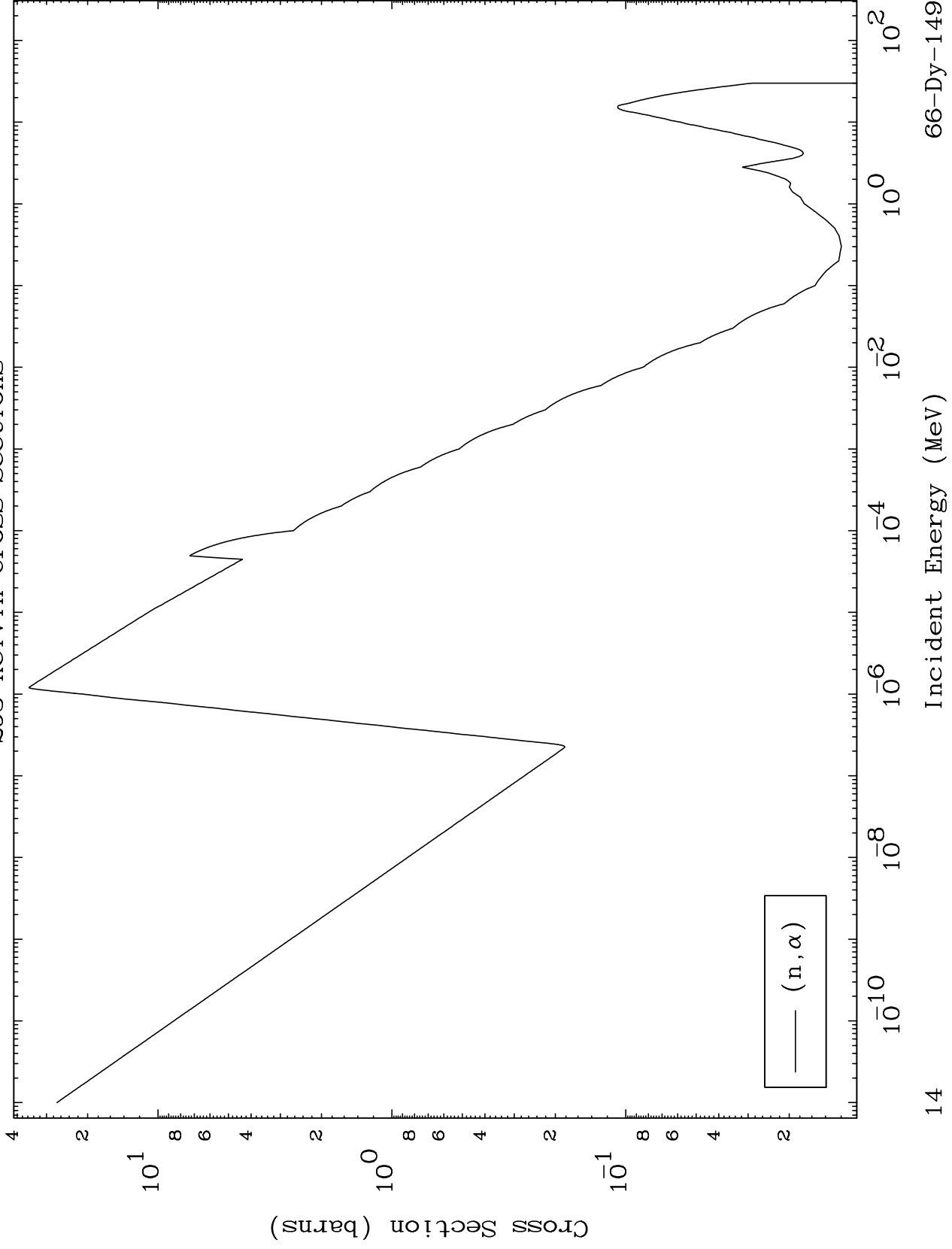
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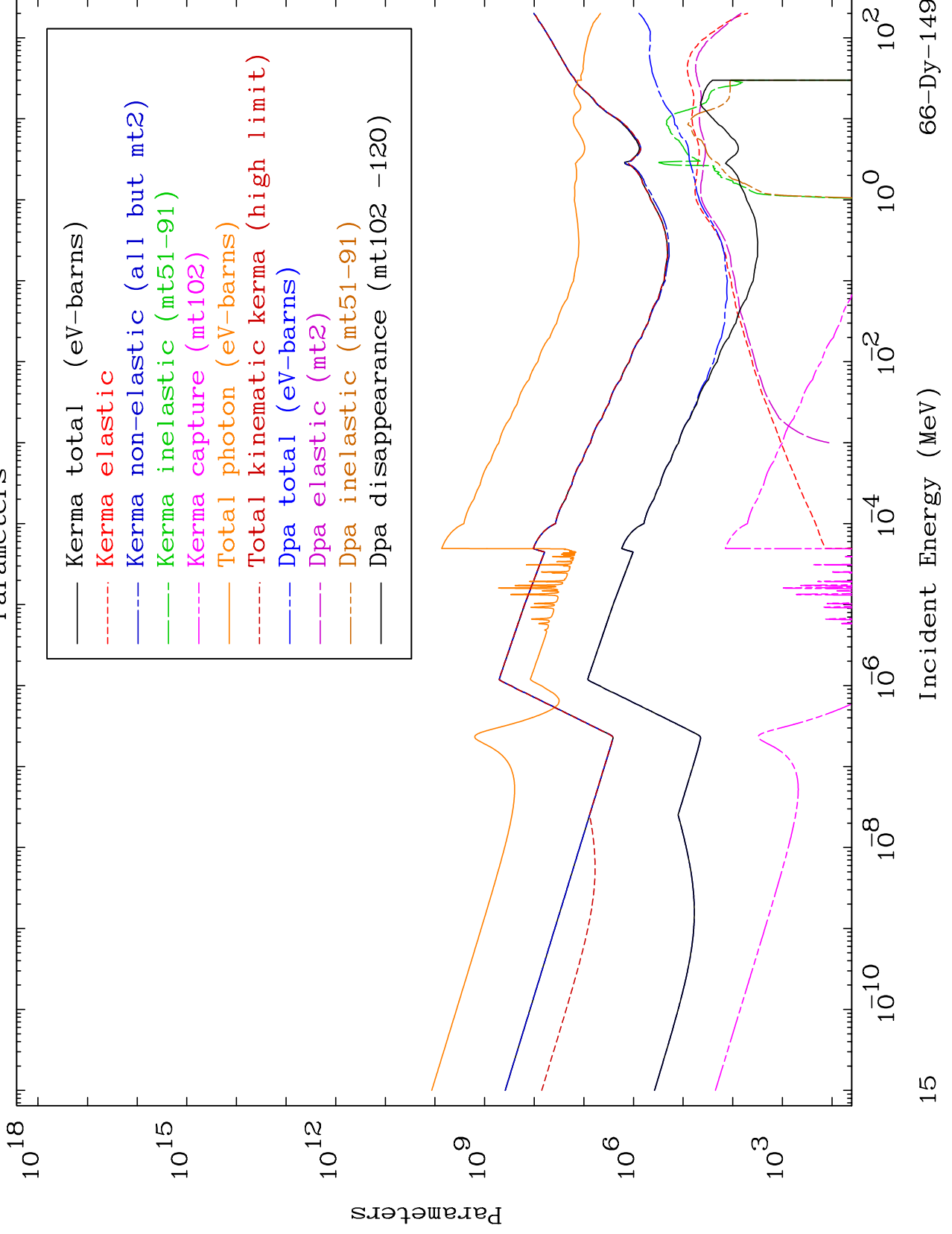


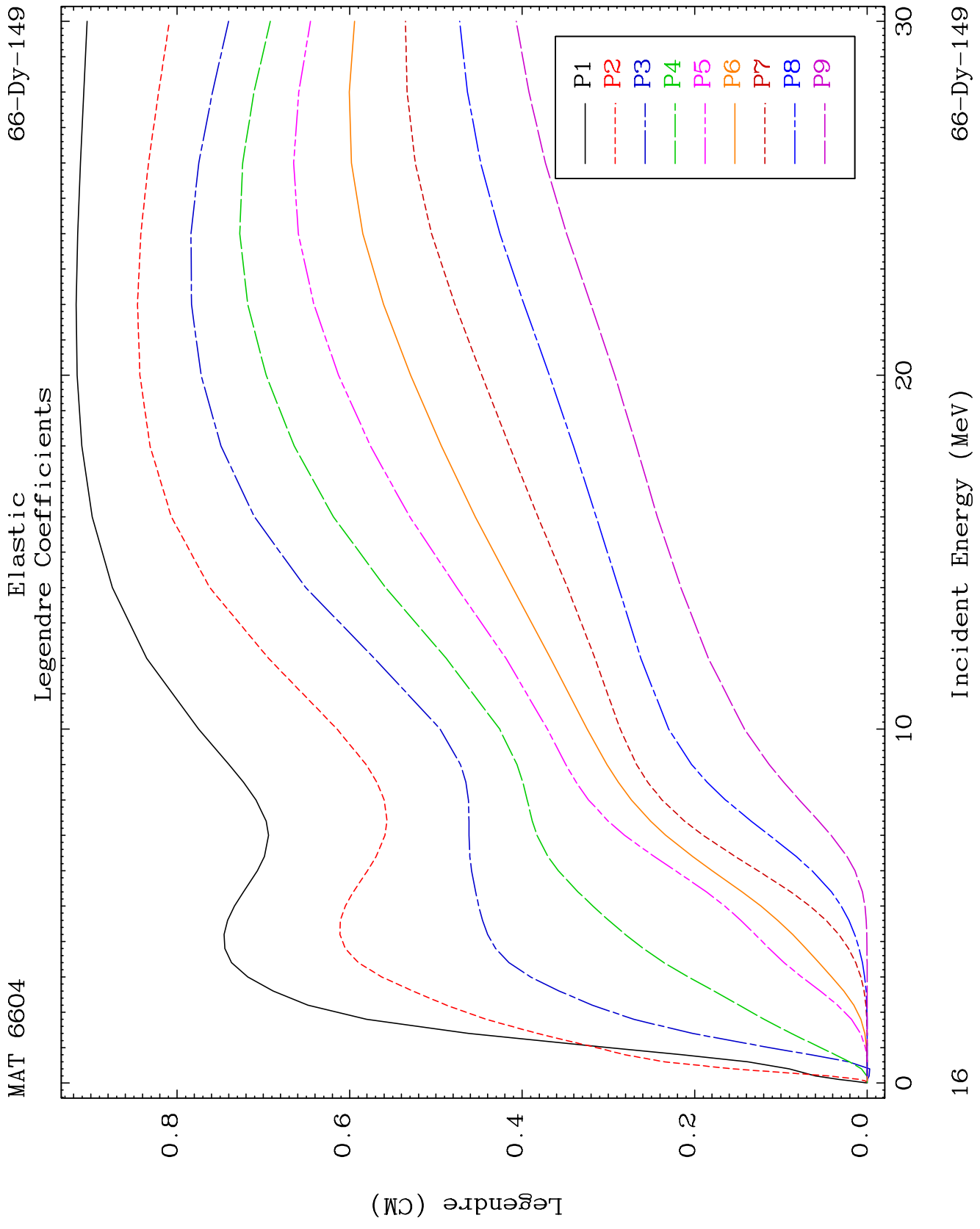
MAT 6604

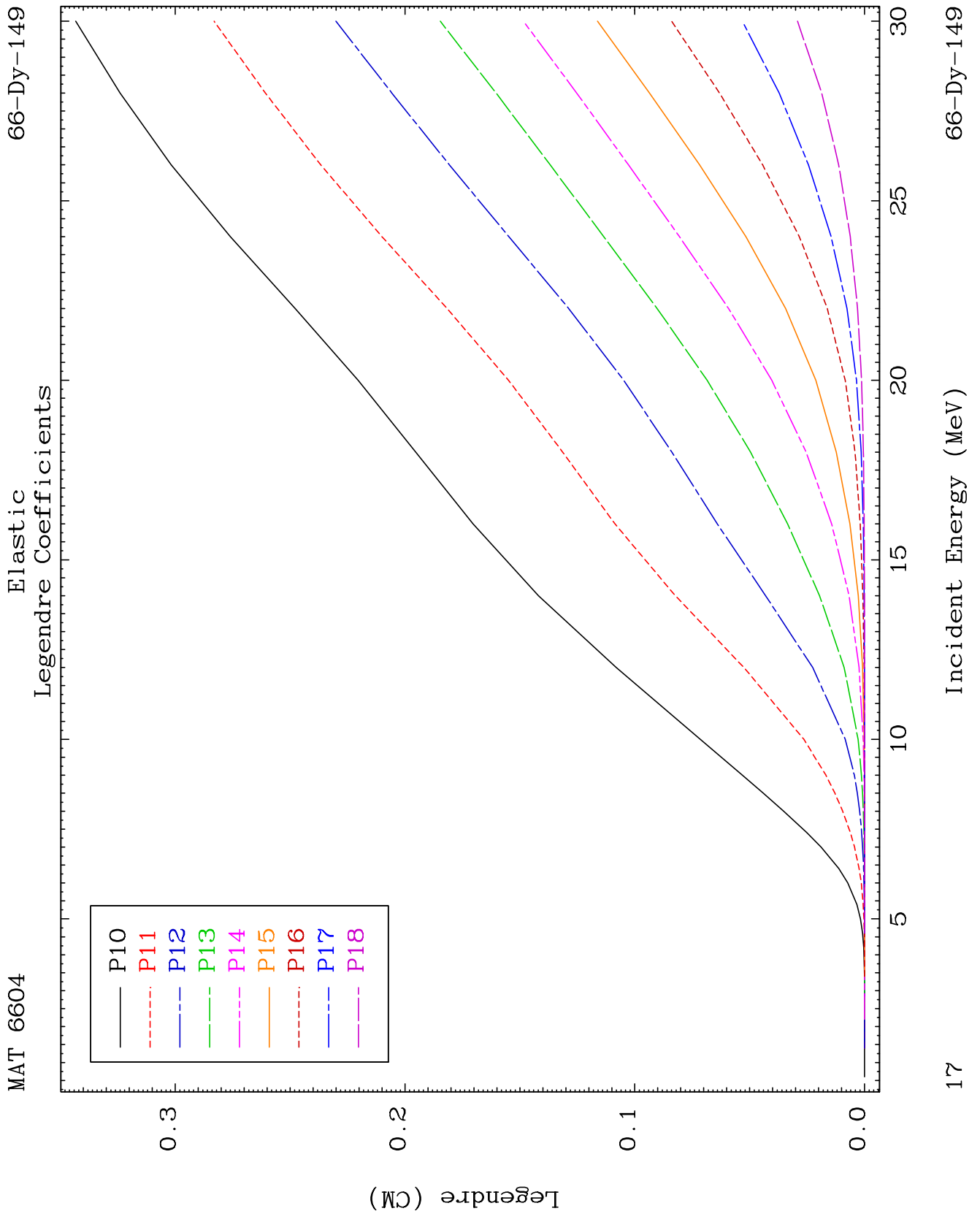
(n, α) Levels
293 Kelvin Cross Sections

66-Dy-149





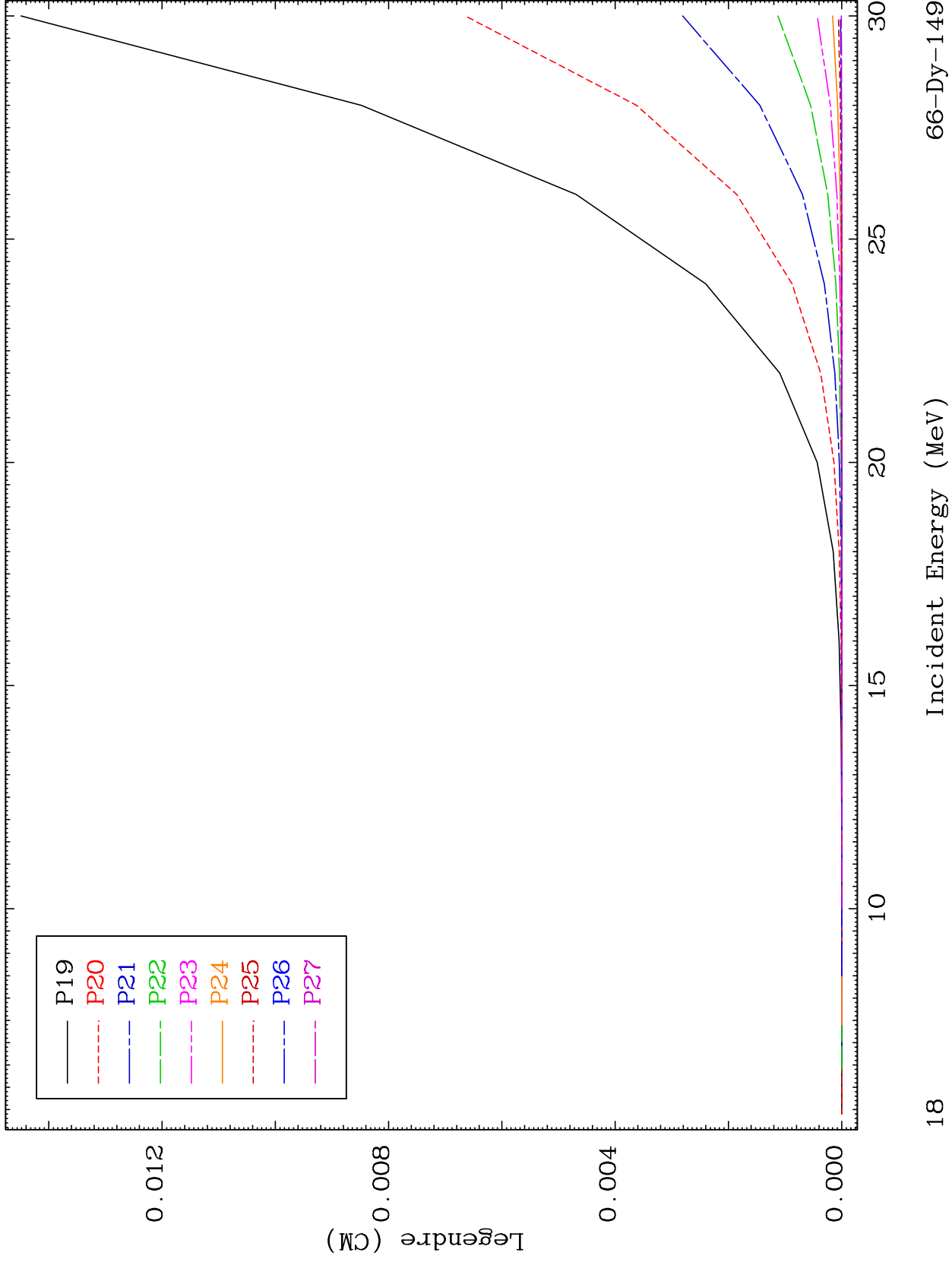




MAT 6604

Elastic Legendre Coefficients

66-Dy-149



18

Incident Energy (MeV)

66-Dy-149

30

25

20

15

10

0.000

0.004

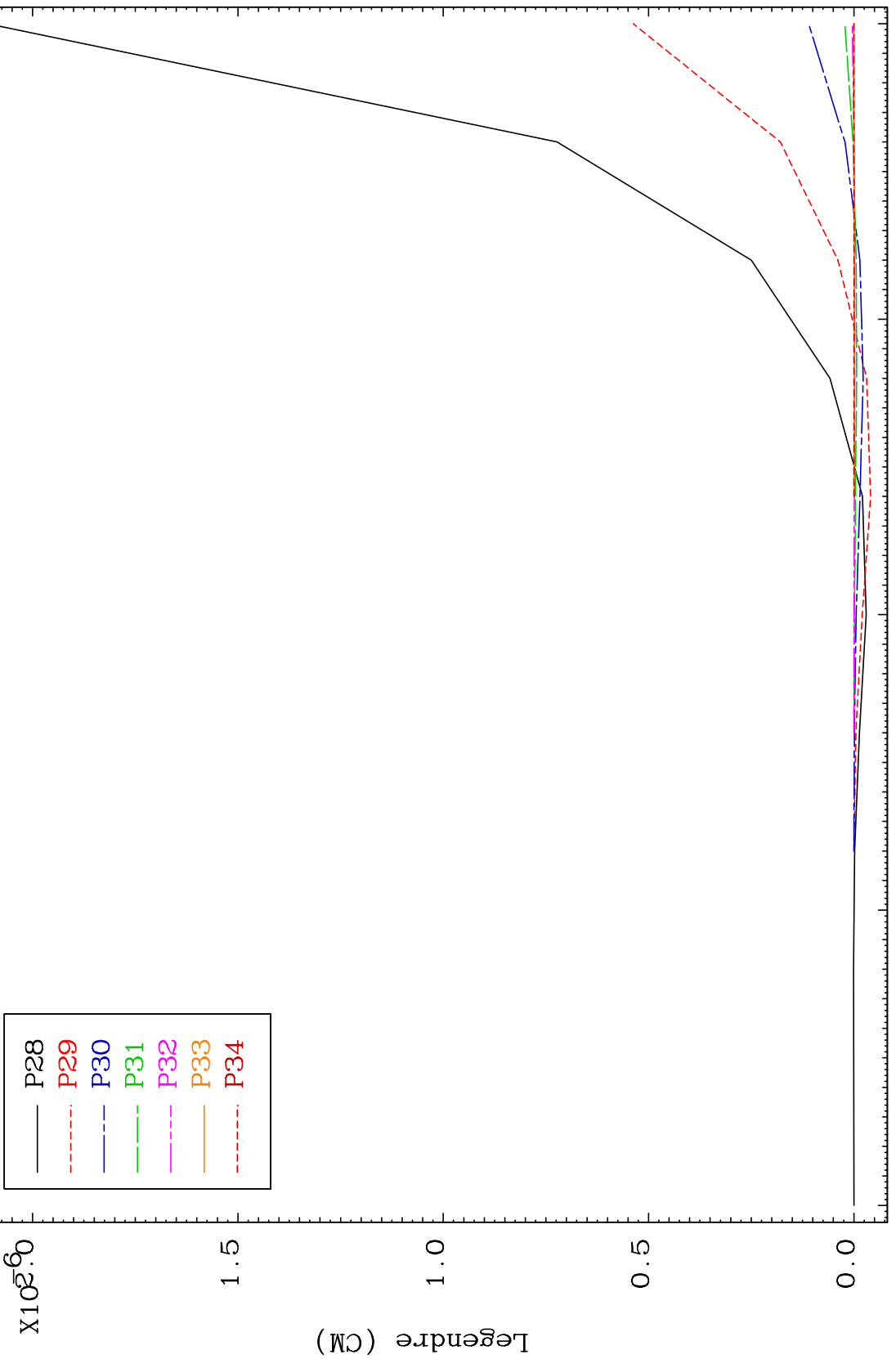
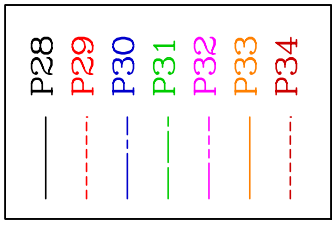
Legendre (CM)

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MAT 6604

Elastic Legendre Coefficients

66-Dy-149



30

25

20

15

10

Incident Energy (MeV)

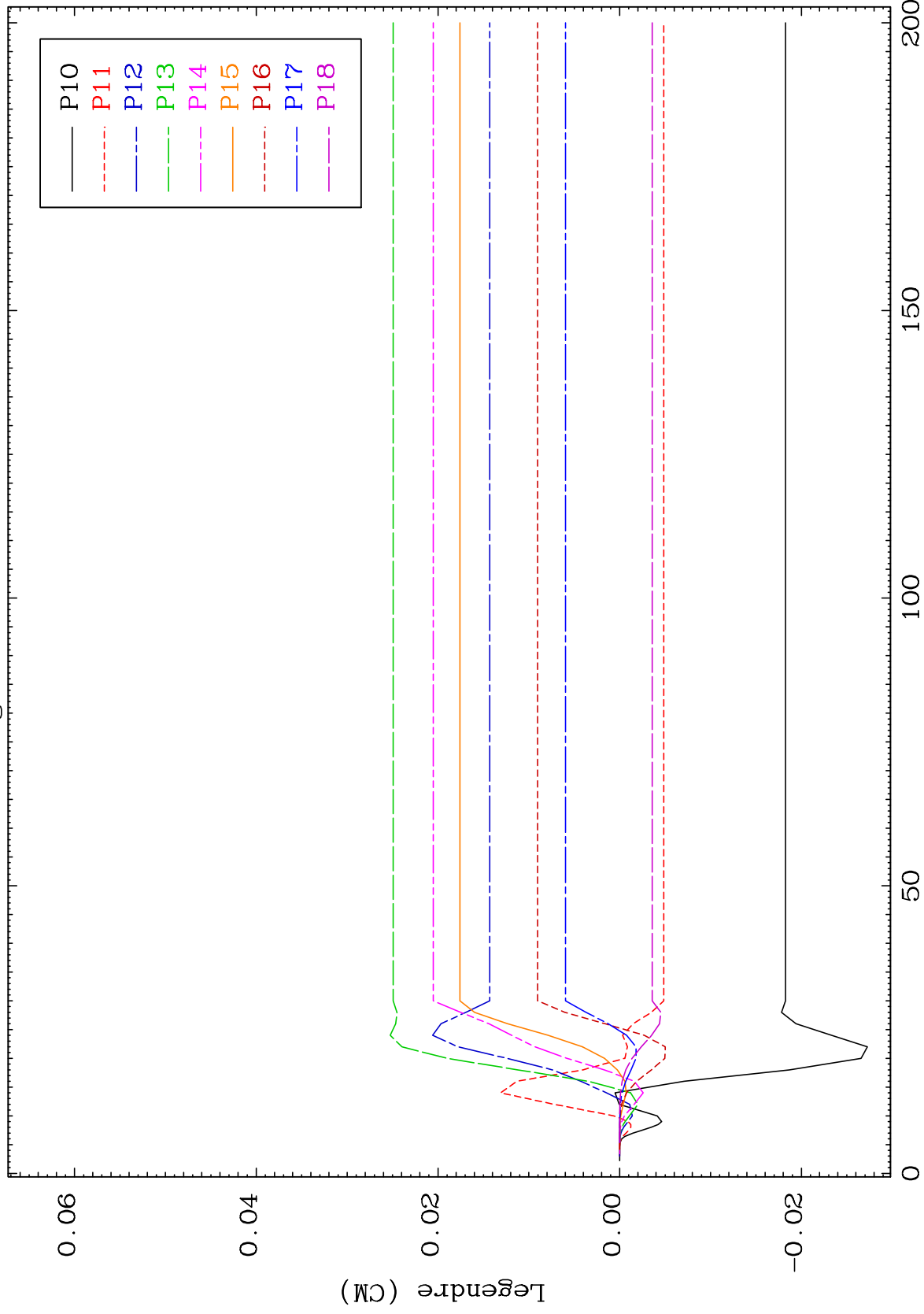
66-Dy-149

19

MAT 6604

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

66-Dy-149



21

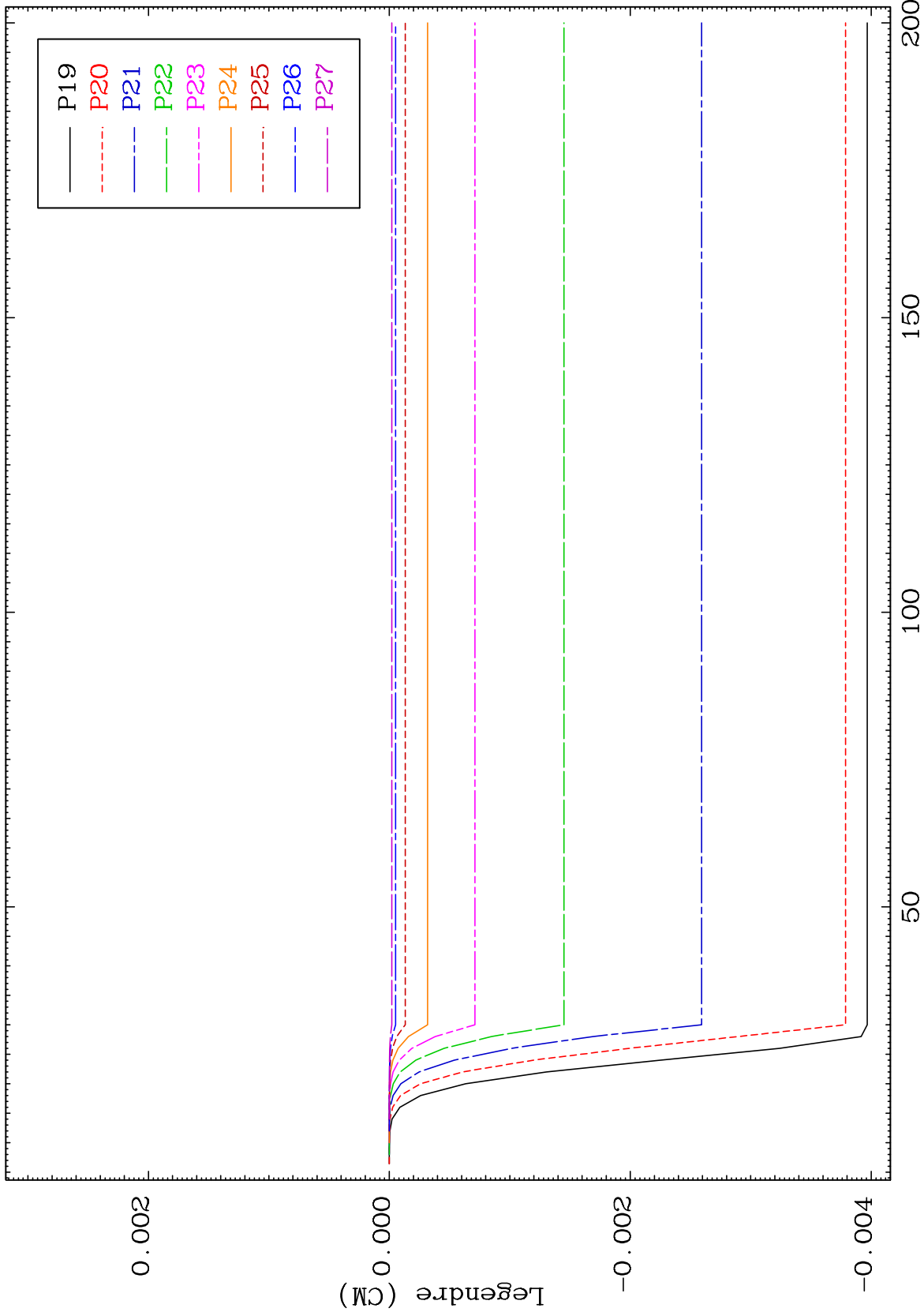
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

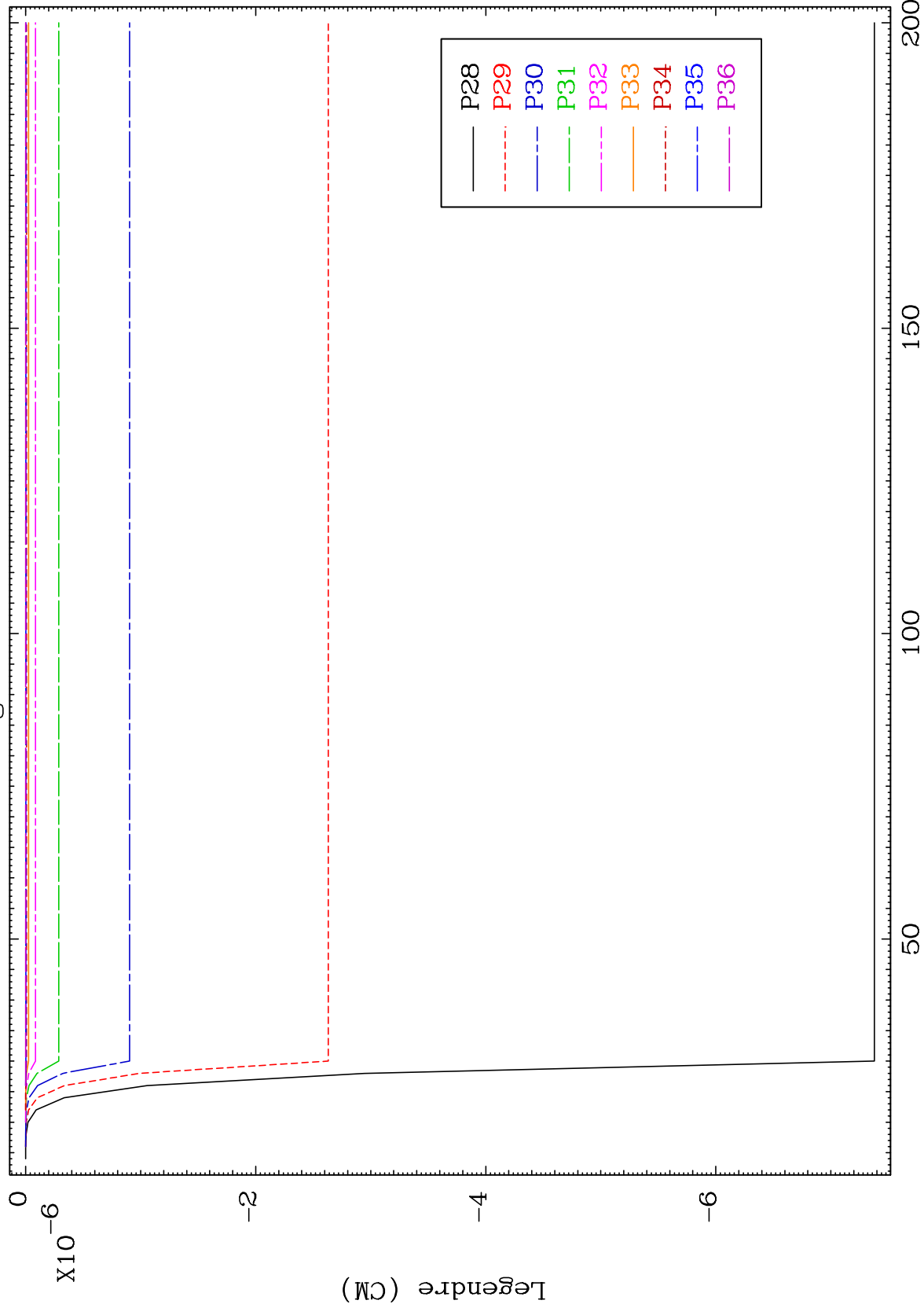
66-Dy-149



MAT 6604

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

66-Dy-149



23

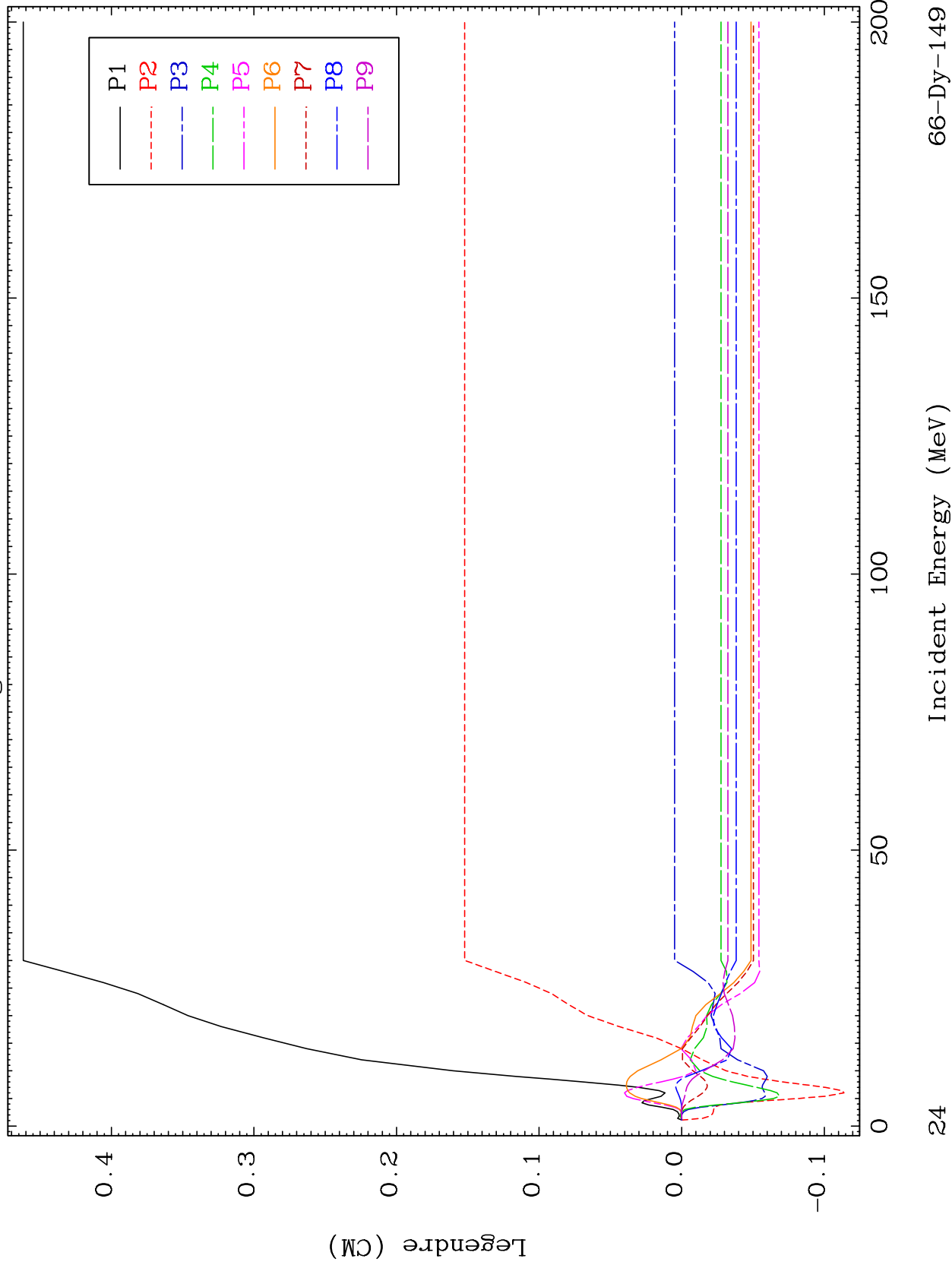
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



66-Dy-149

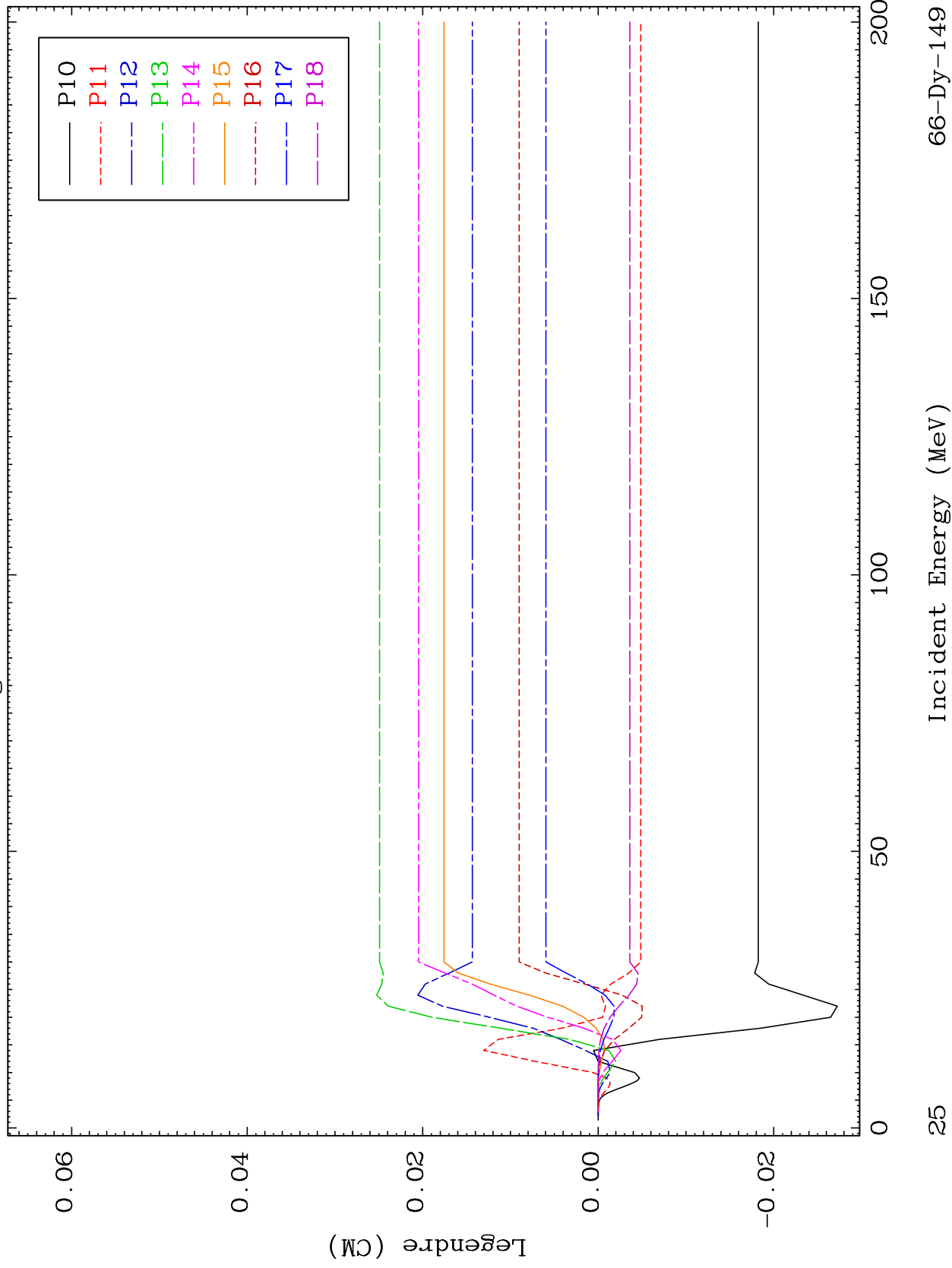
Incident Energy (MeV)

24

MAT 6604

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

66-Dy-149



66-Dy-149

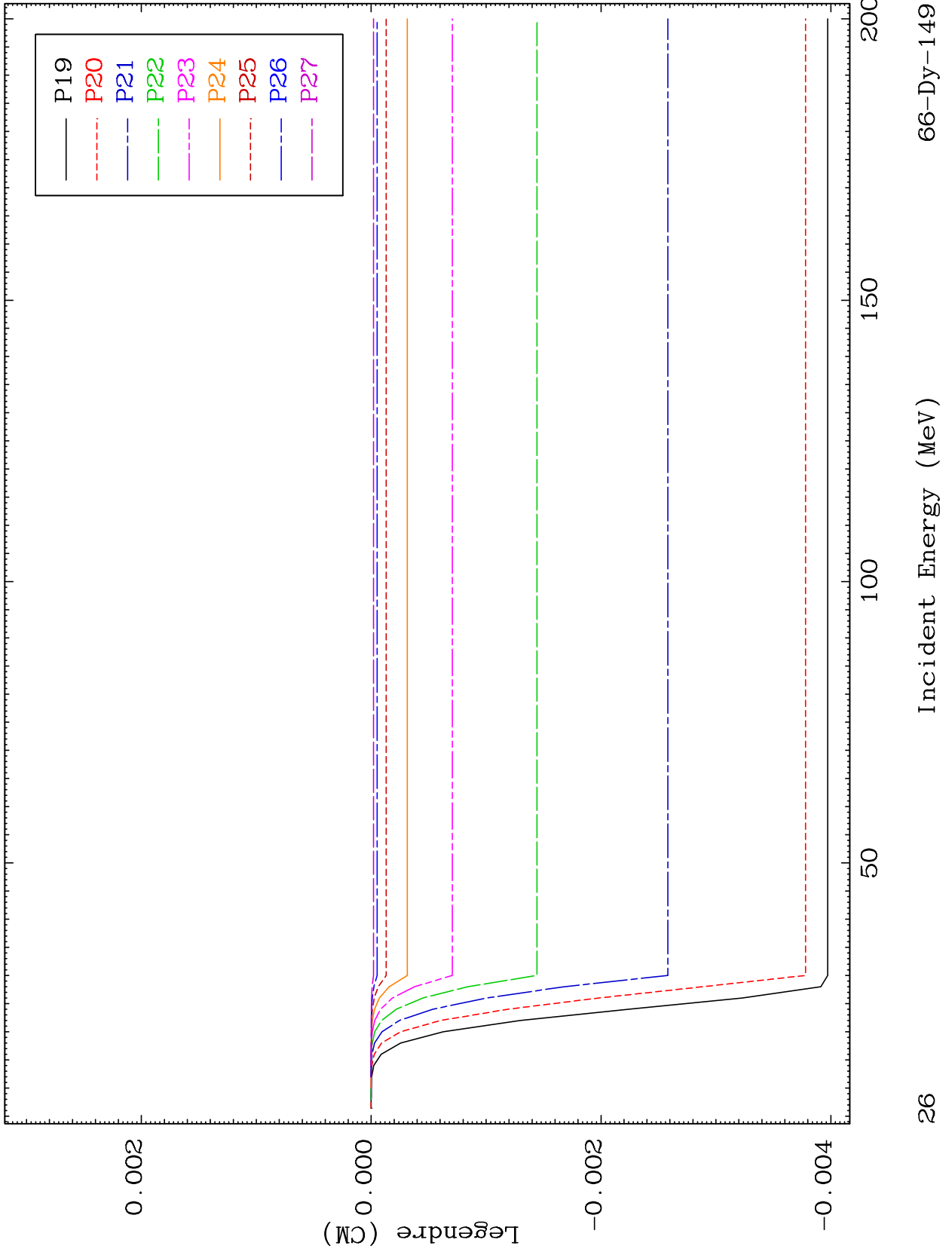
Incident Energy (MeV)

25

MAT 6604

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

66-Dy-149



26

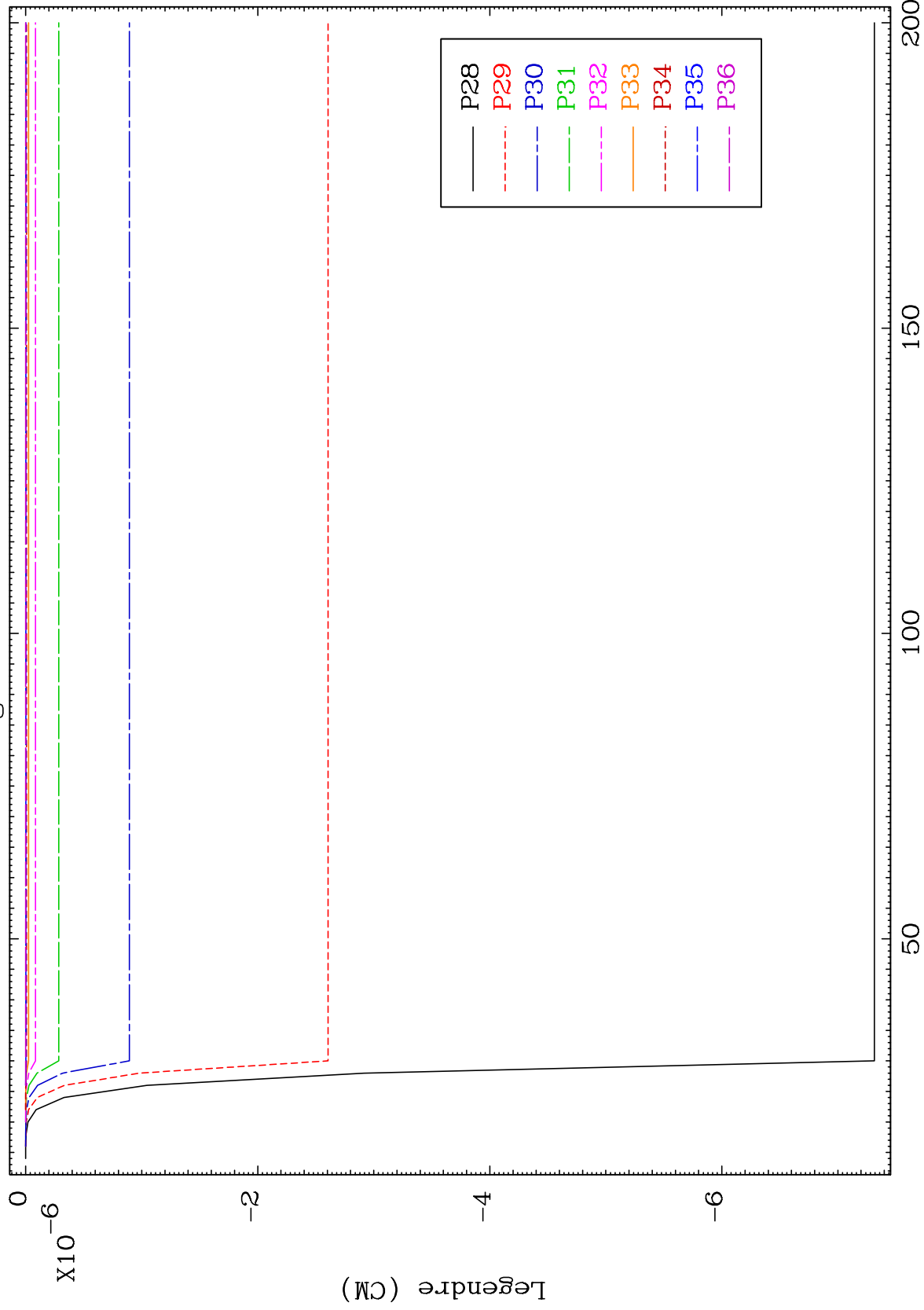
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



27

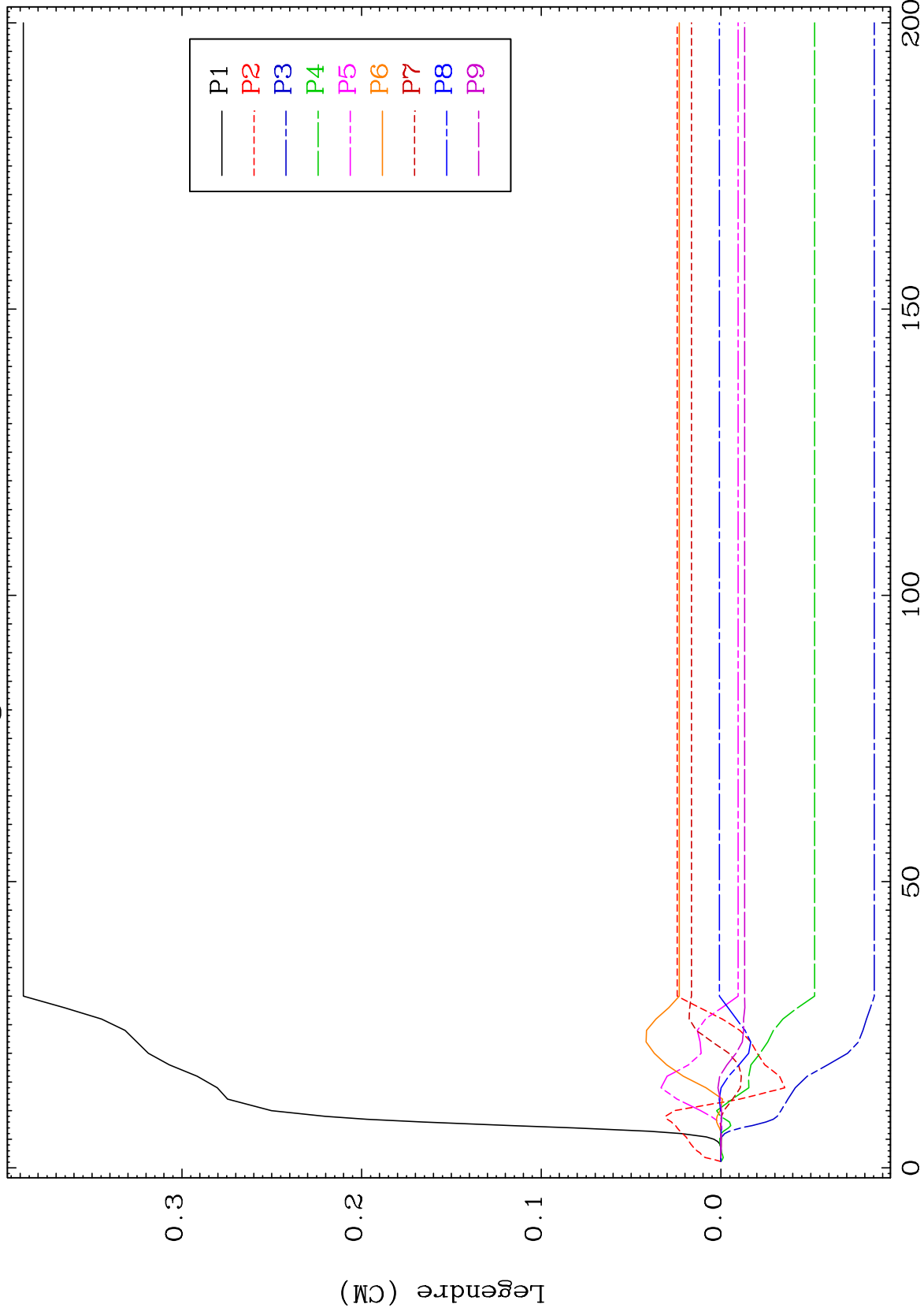
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



28

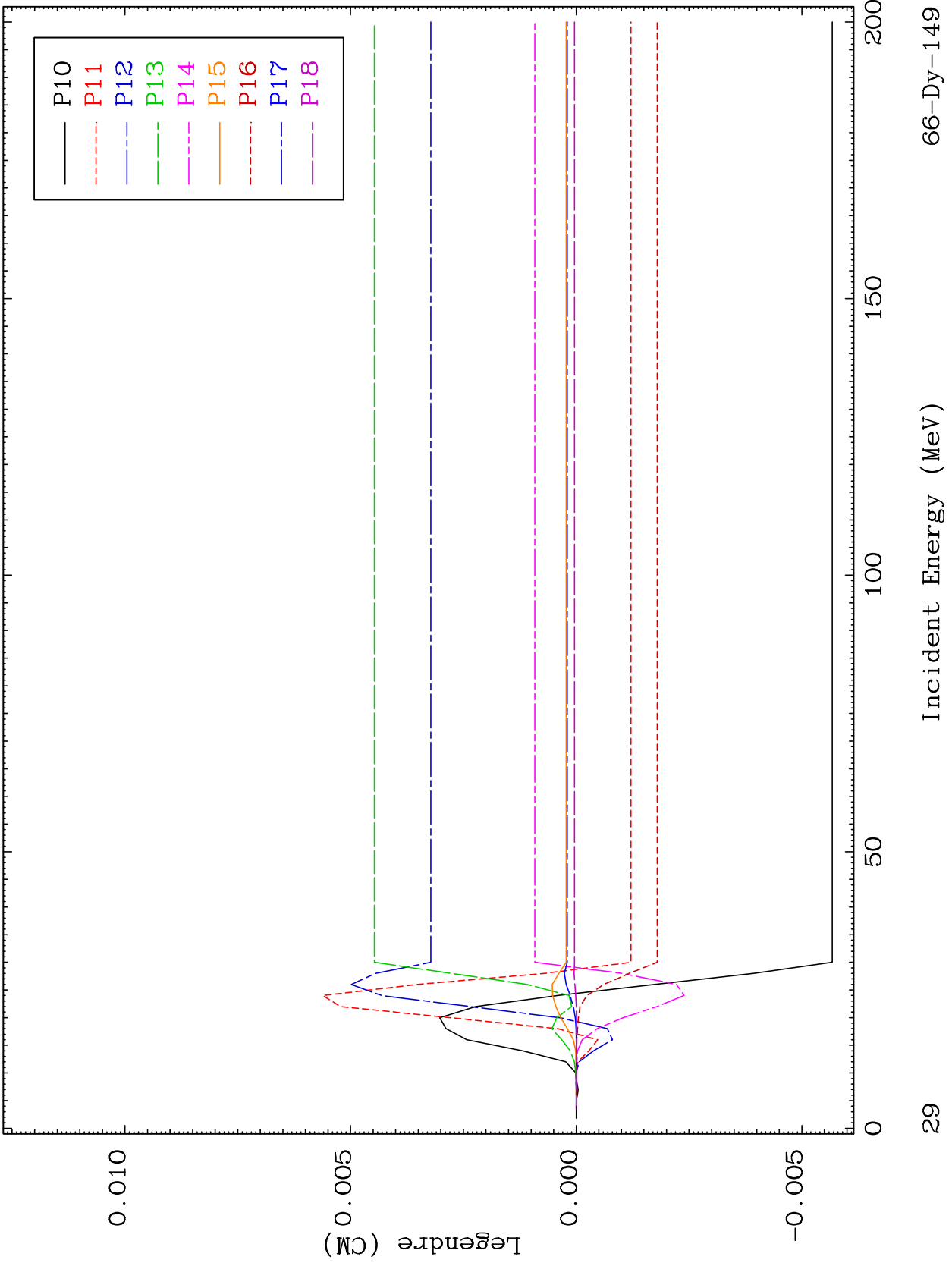
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



29

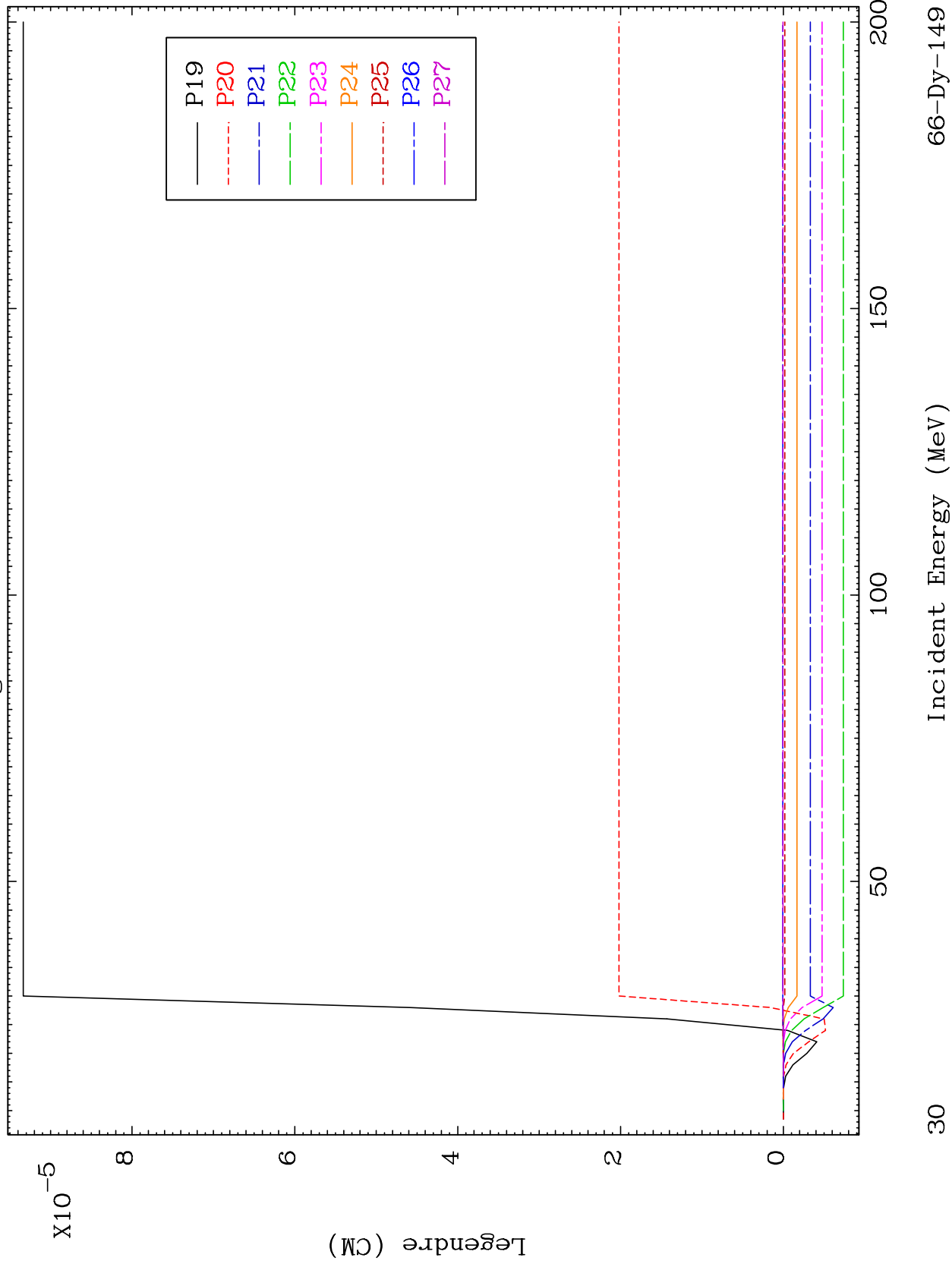
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

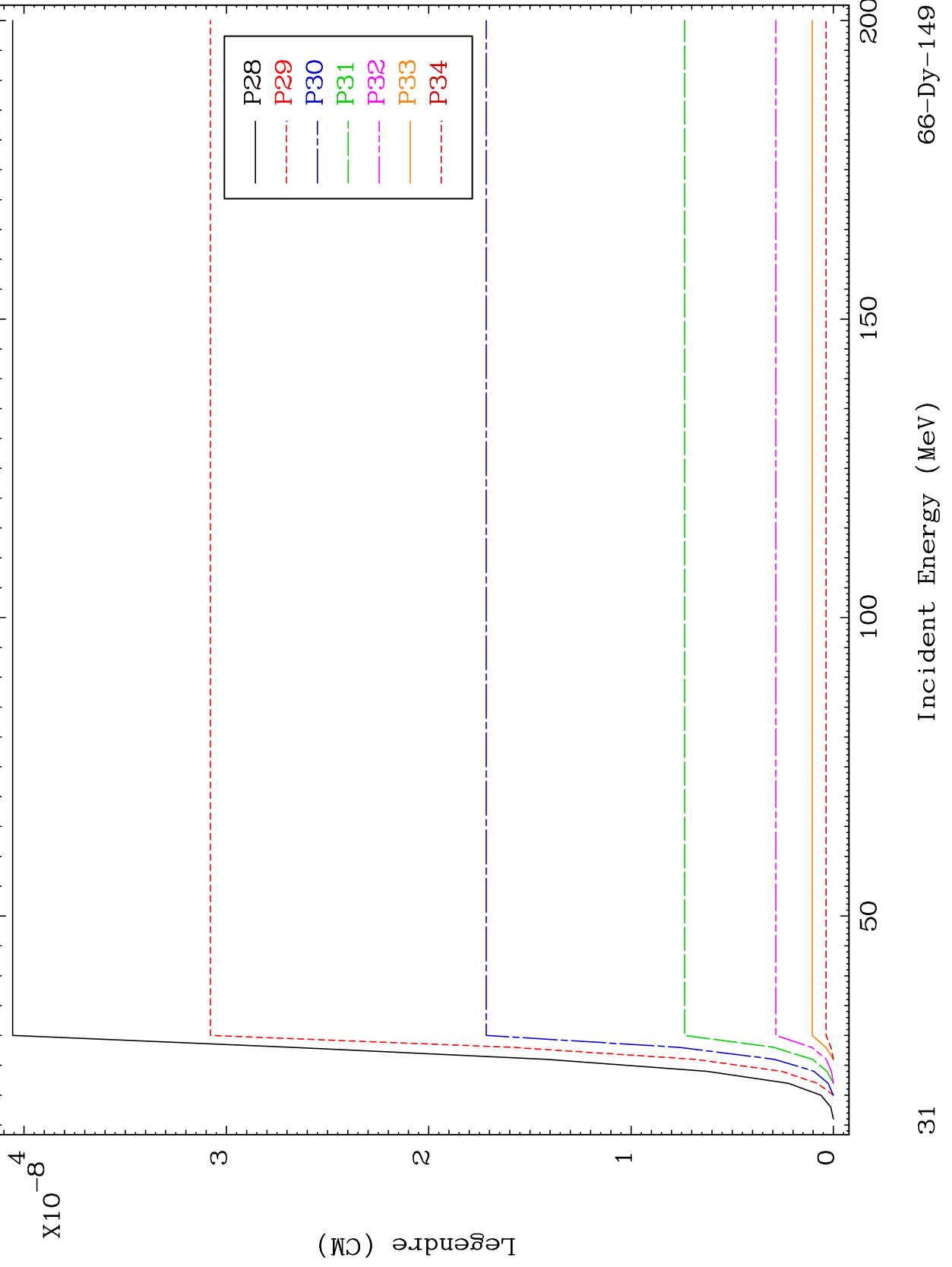
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MAT 6604

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

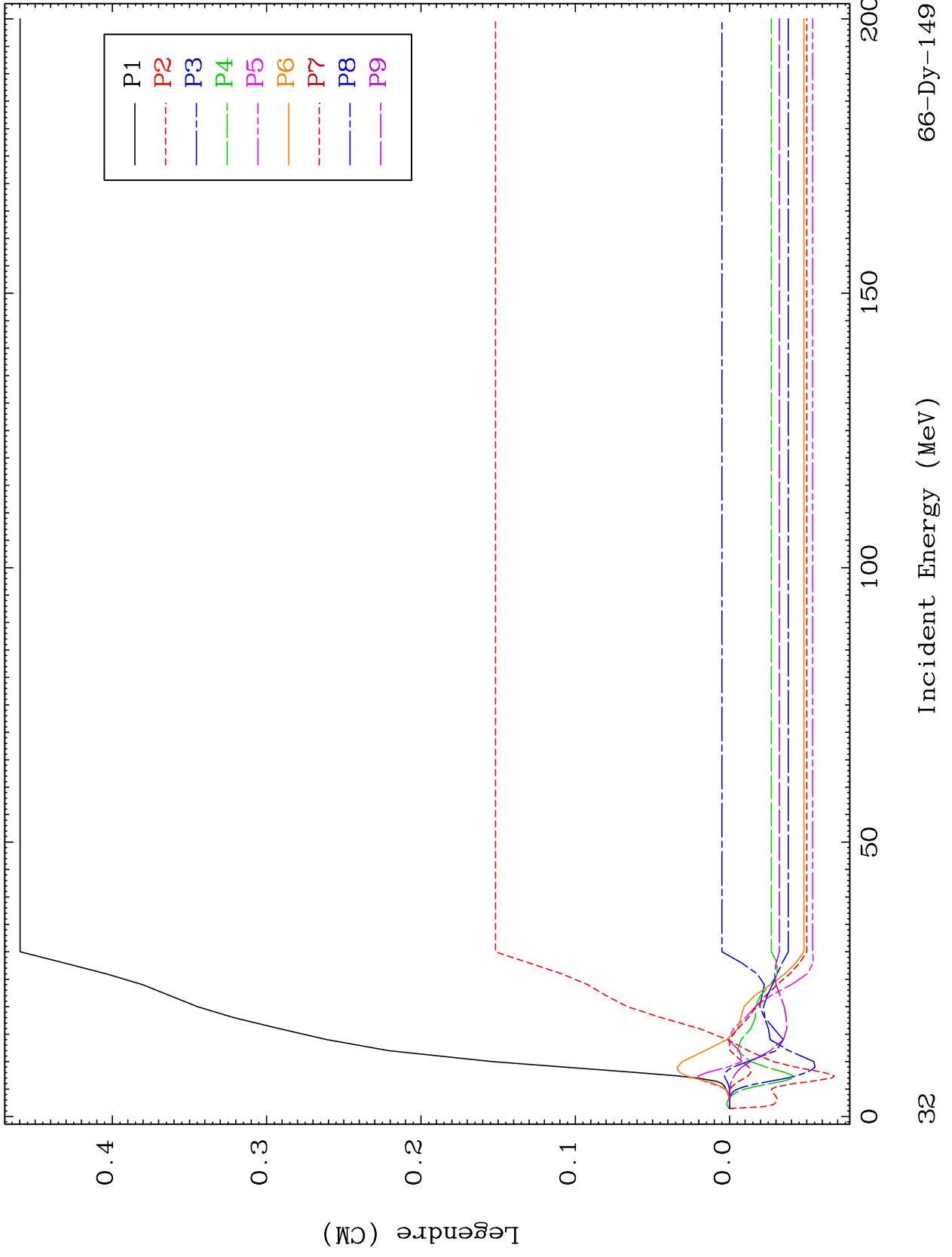
66-Dy-149



MAT 6604

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

66-Dy-149

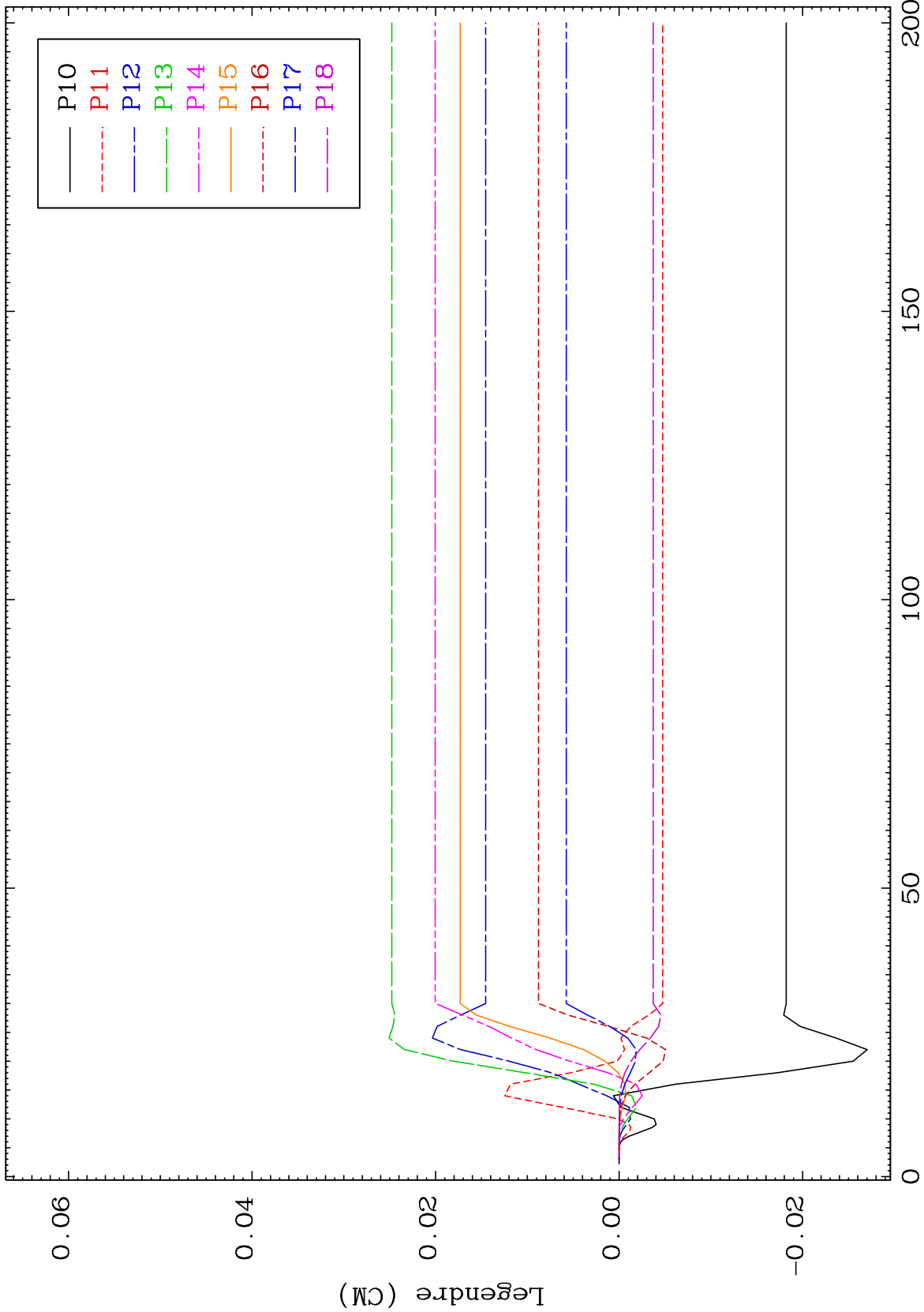


32

MAT 6604

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

66-Dy-149



33

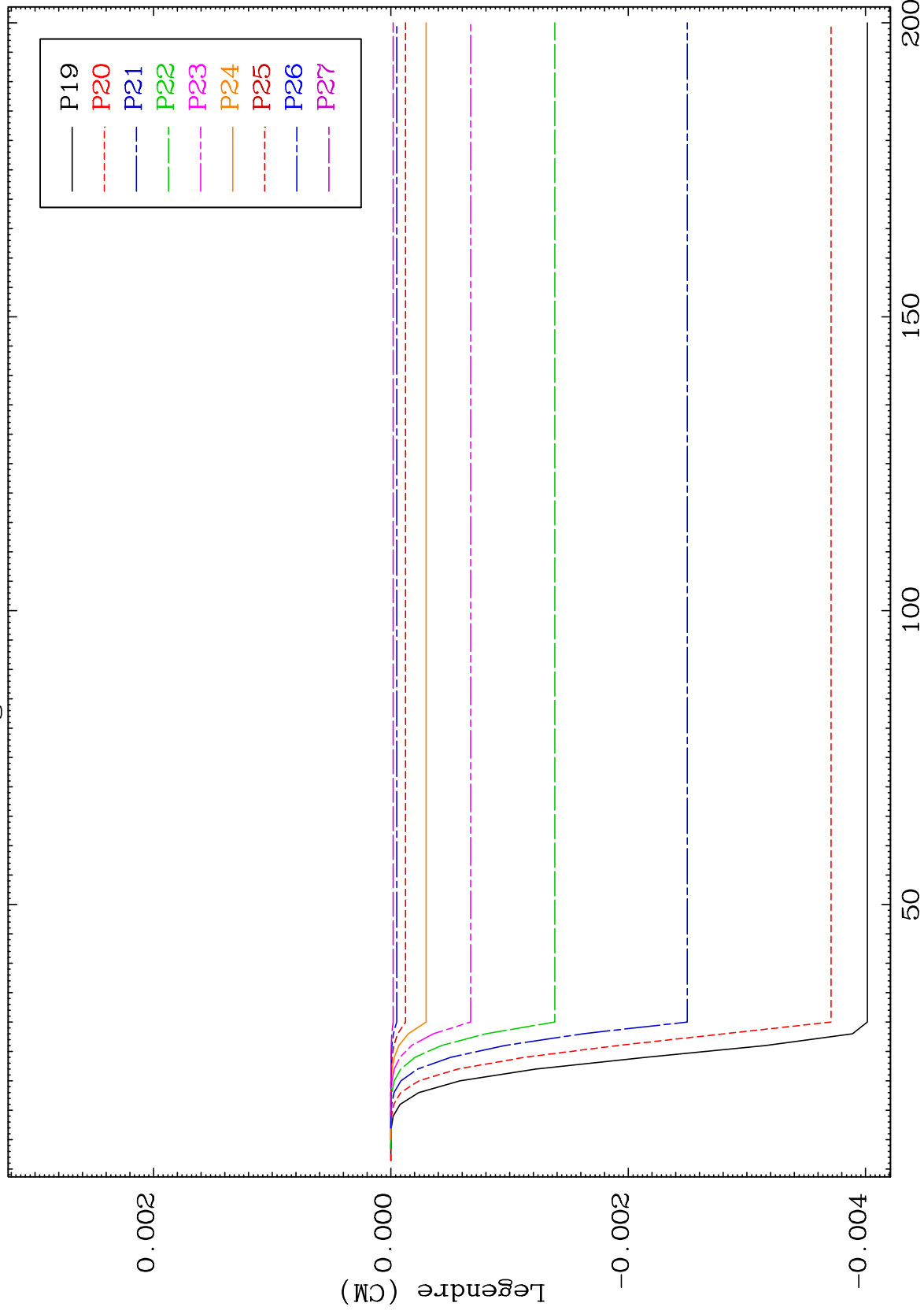
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



34

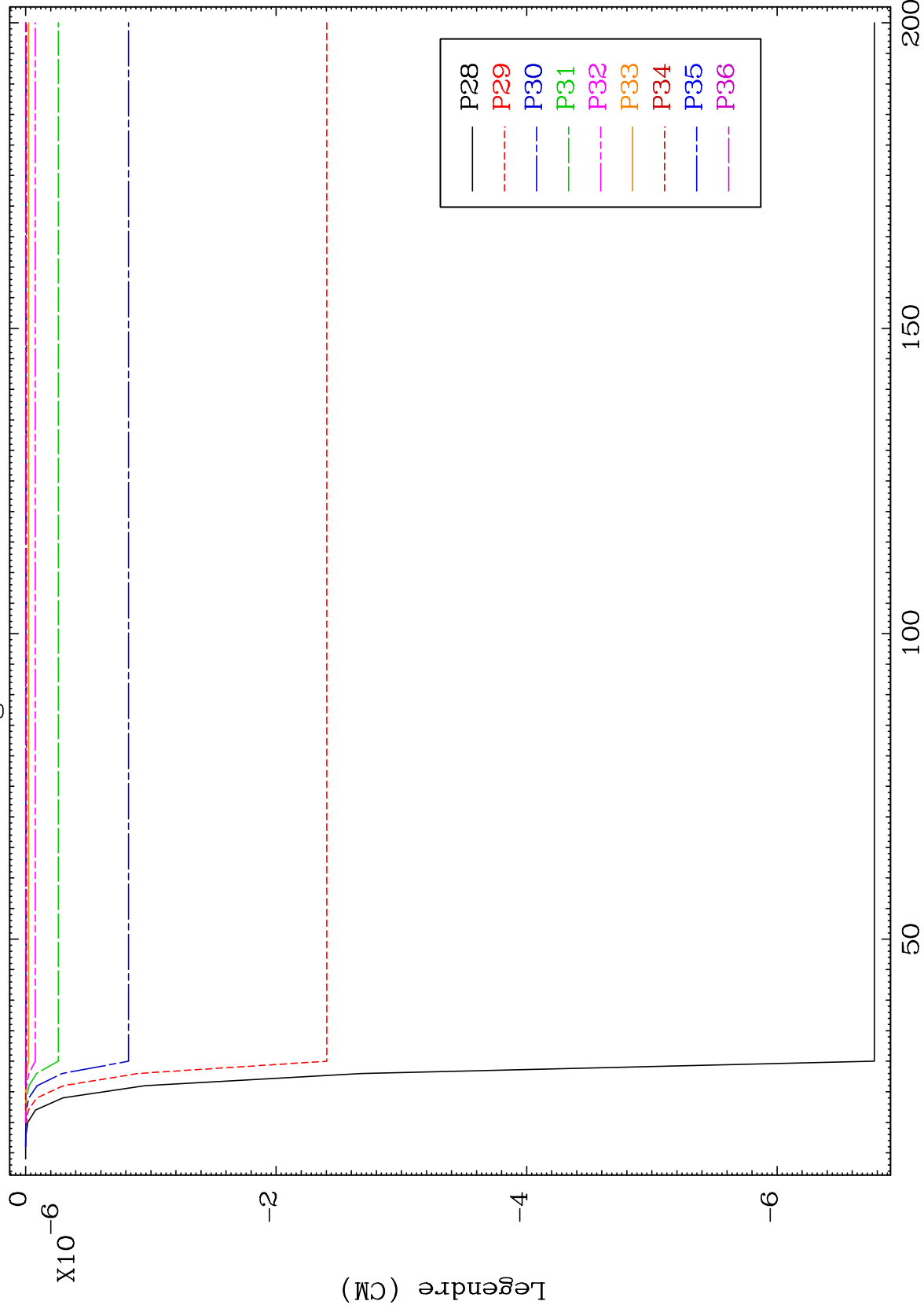
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



35

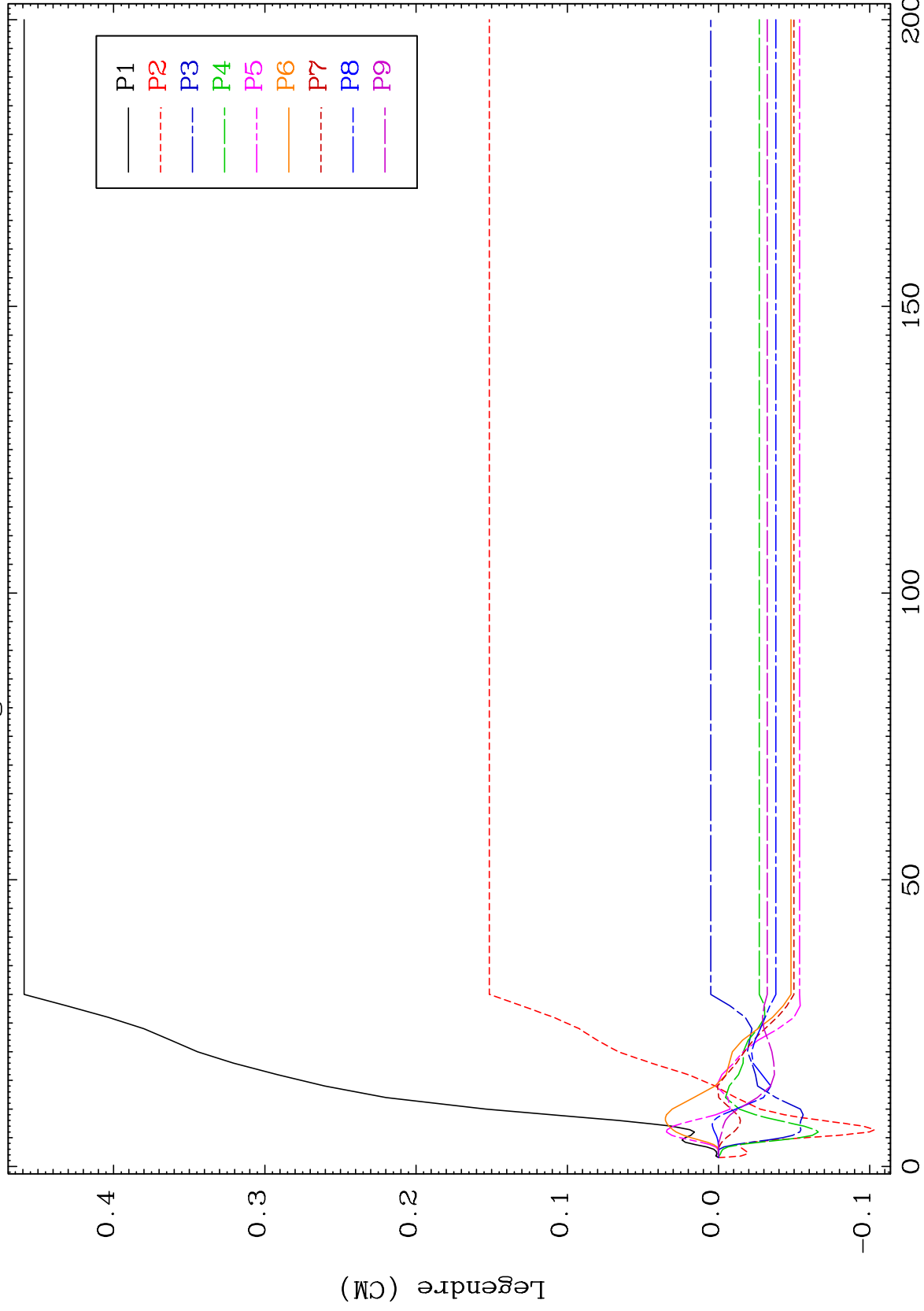
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



66-Dy-149

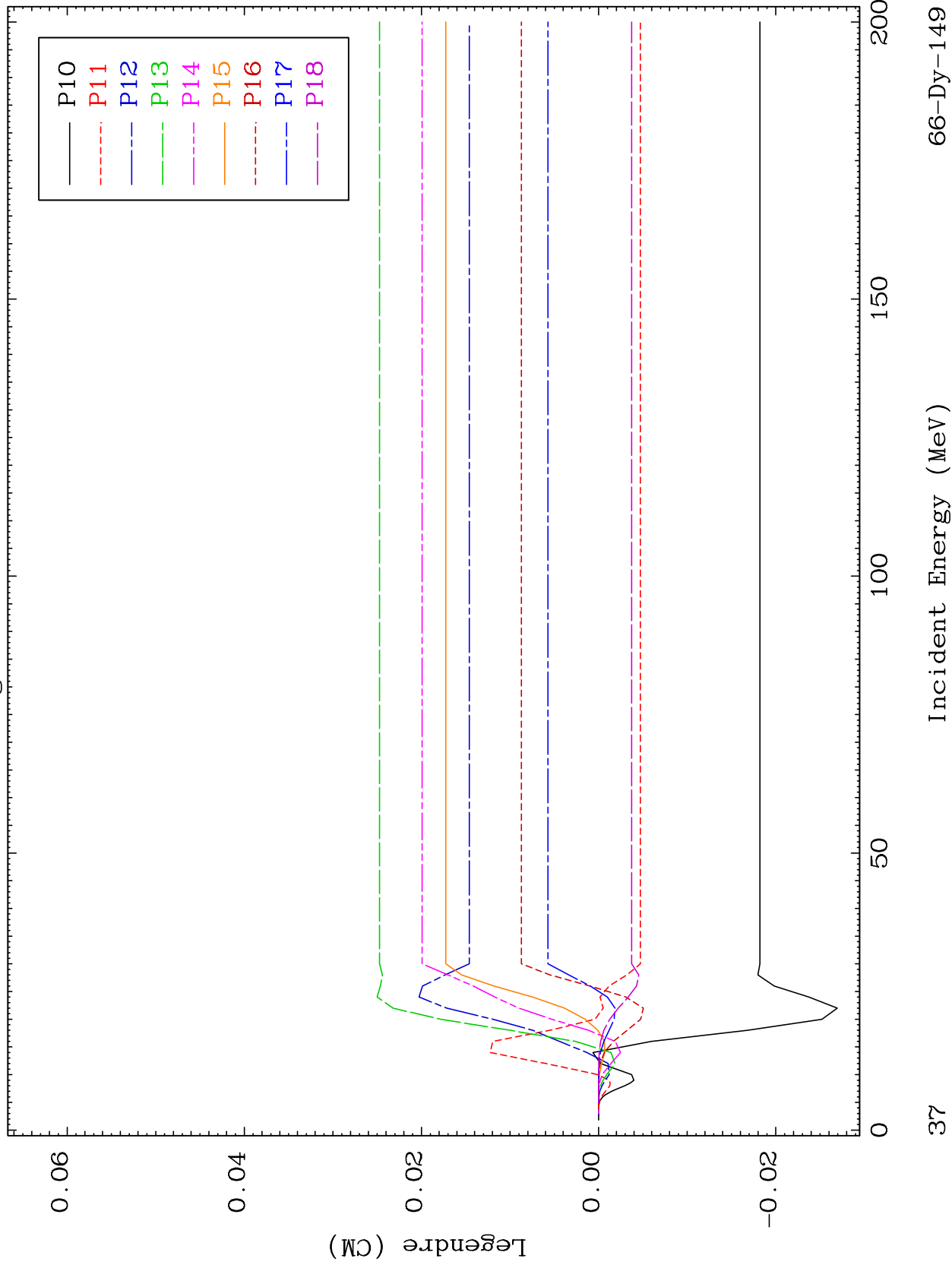
Incident Energy (MeV)

36

MAT 6604

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

66-Dy-149



66-Dy-149

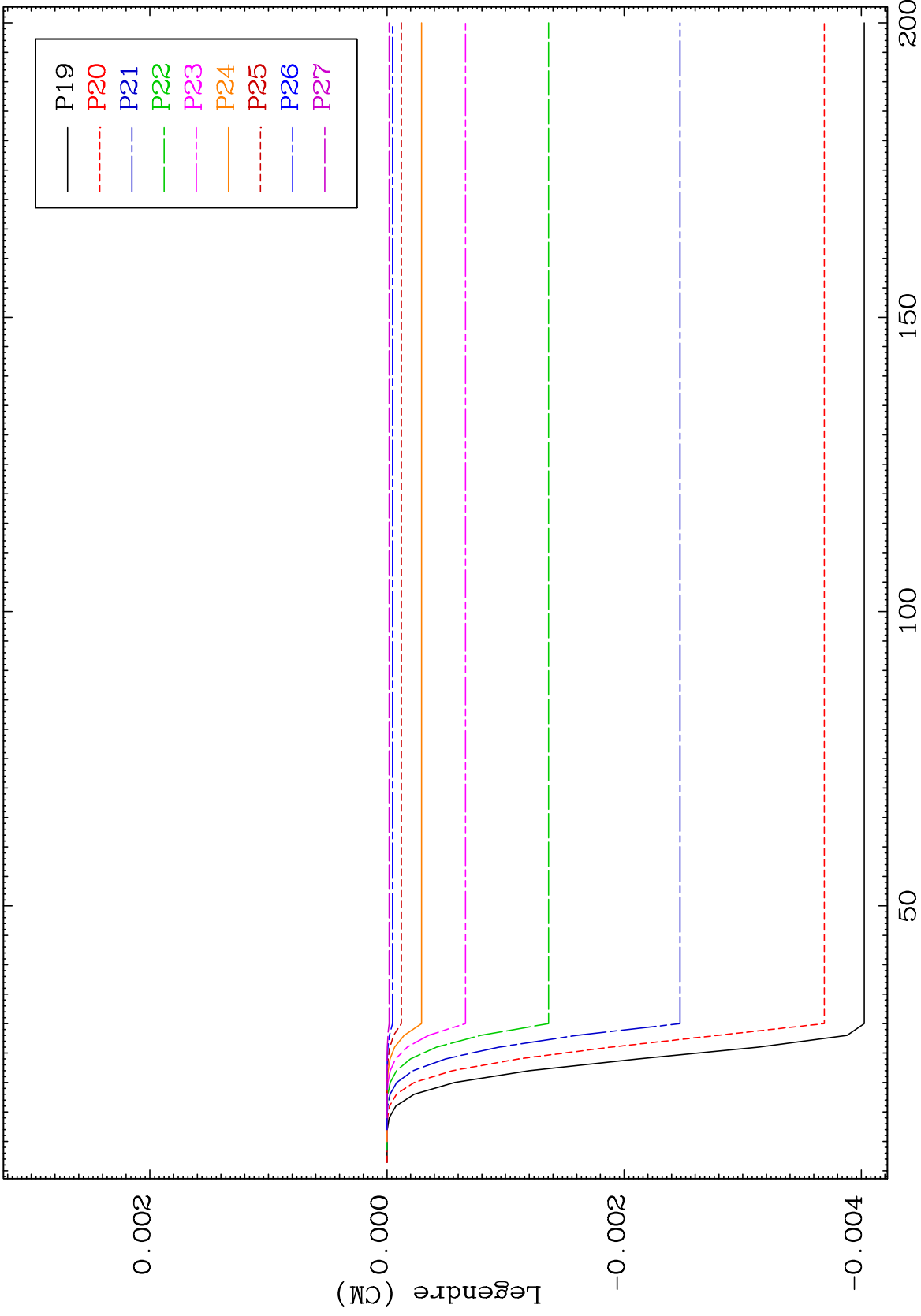
Incident Energy (MeV)

37

MAT 6604

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

66-Dy-149



38

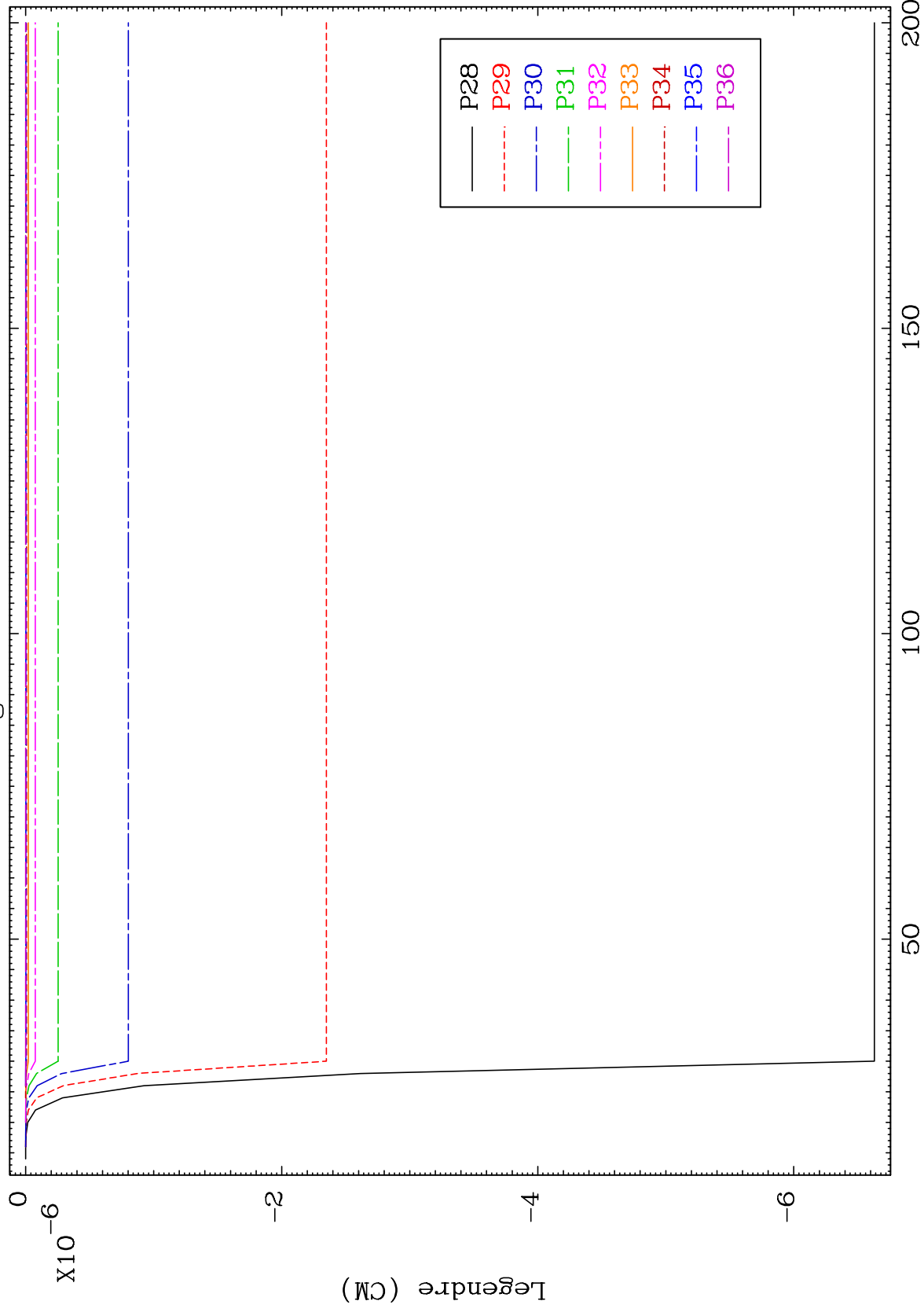
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



39

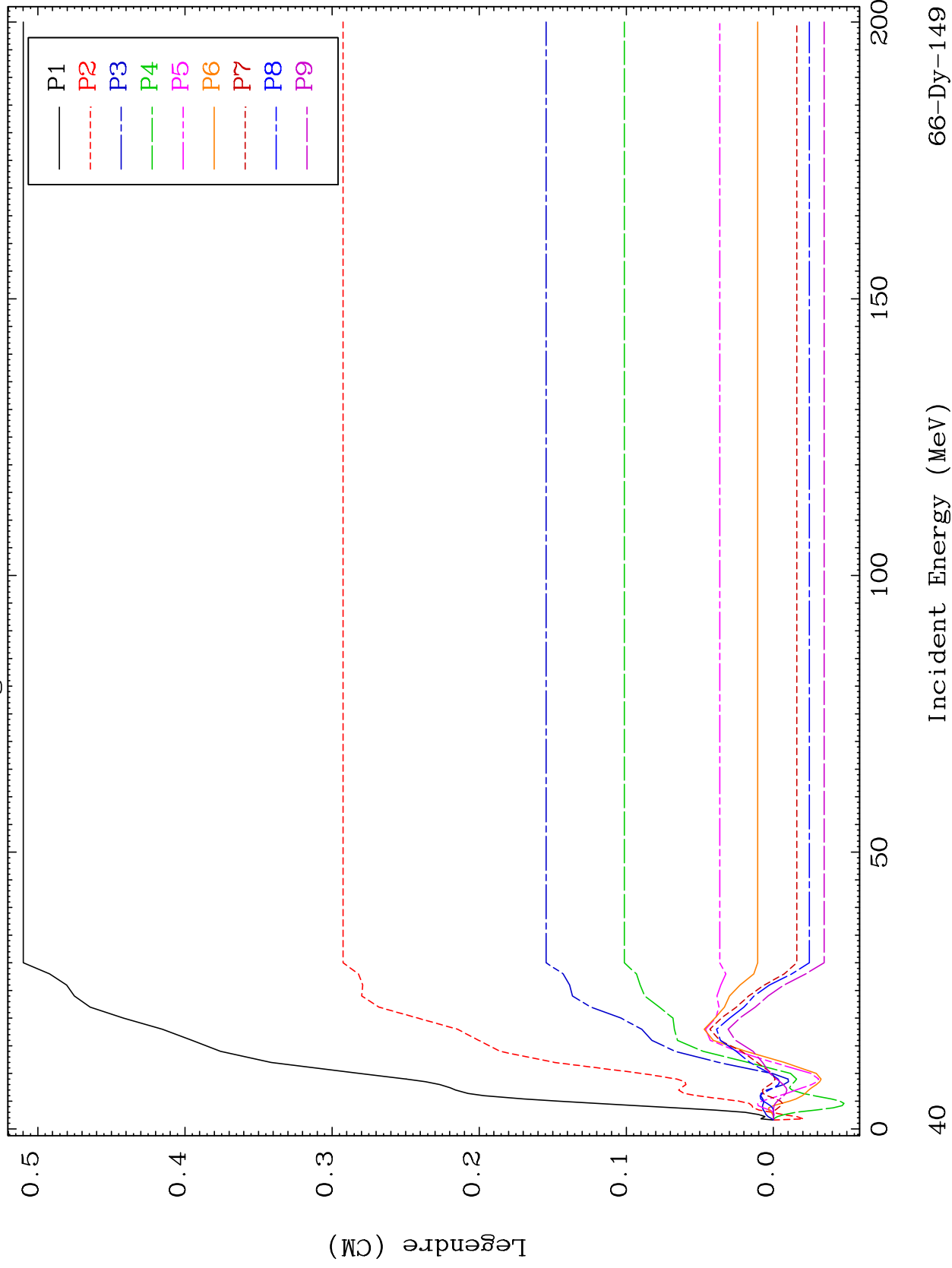
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

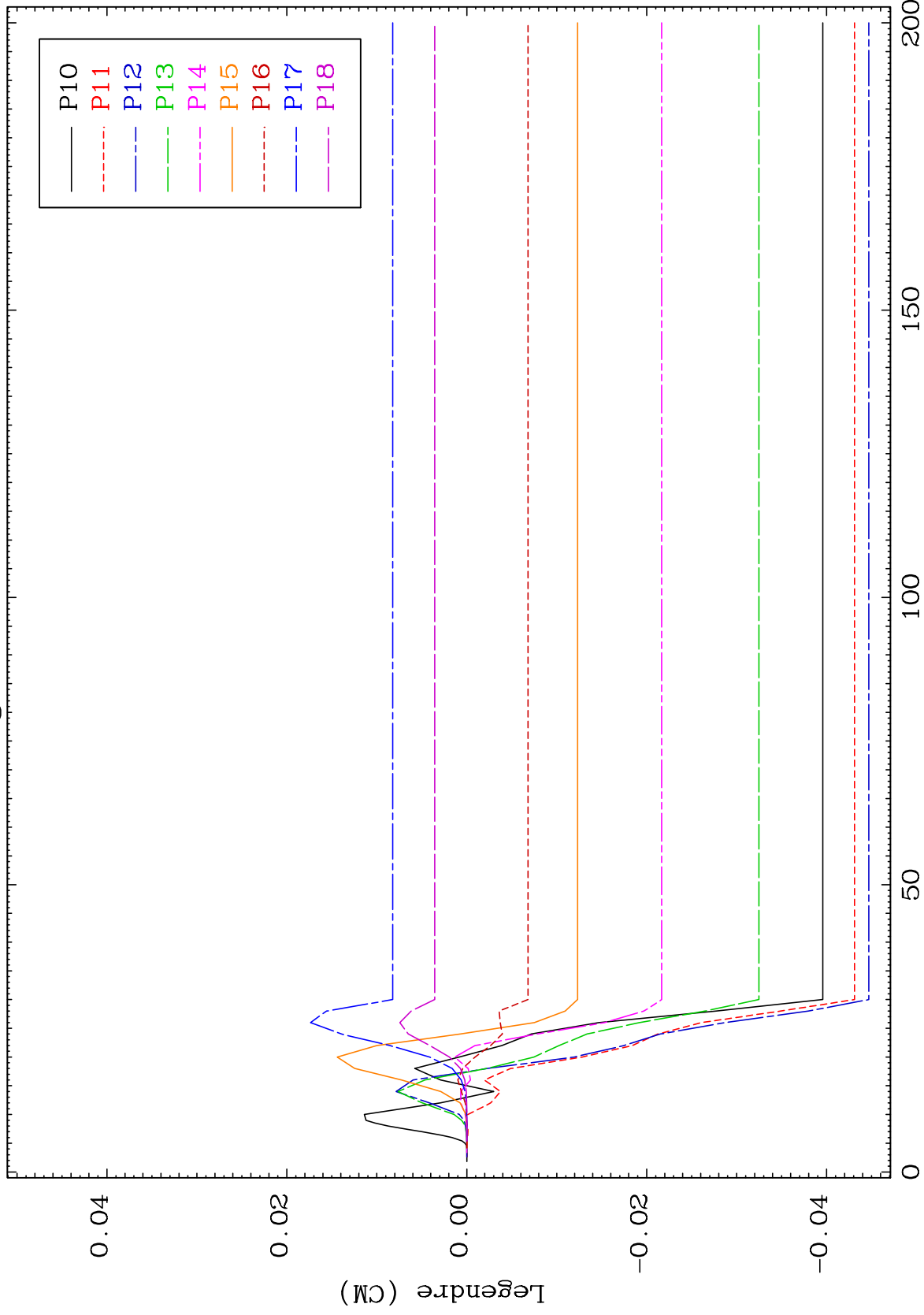
66-Dy-149



MAT 6604

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

66-Dy-149



41

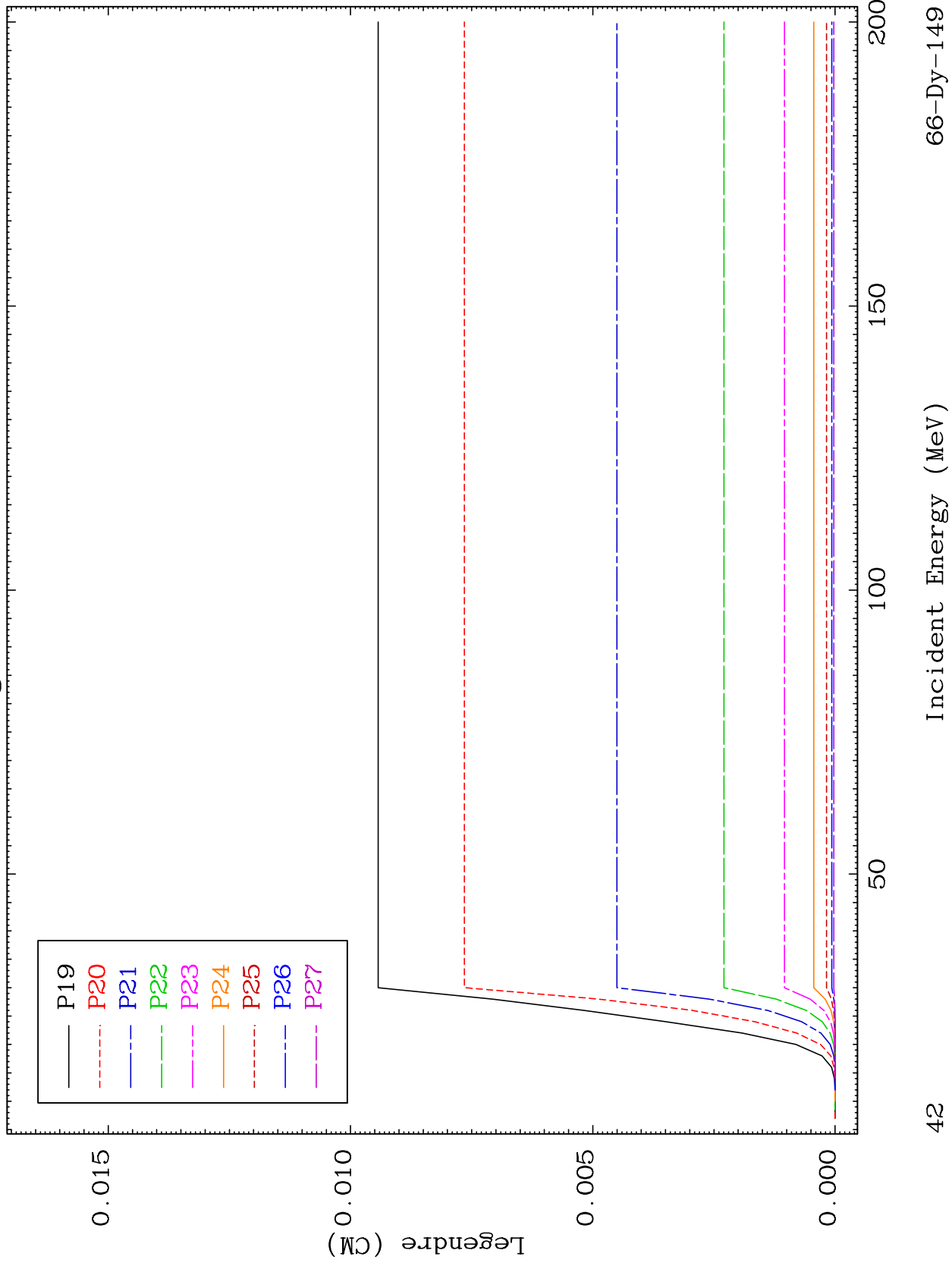
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



42

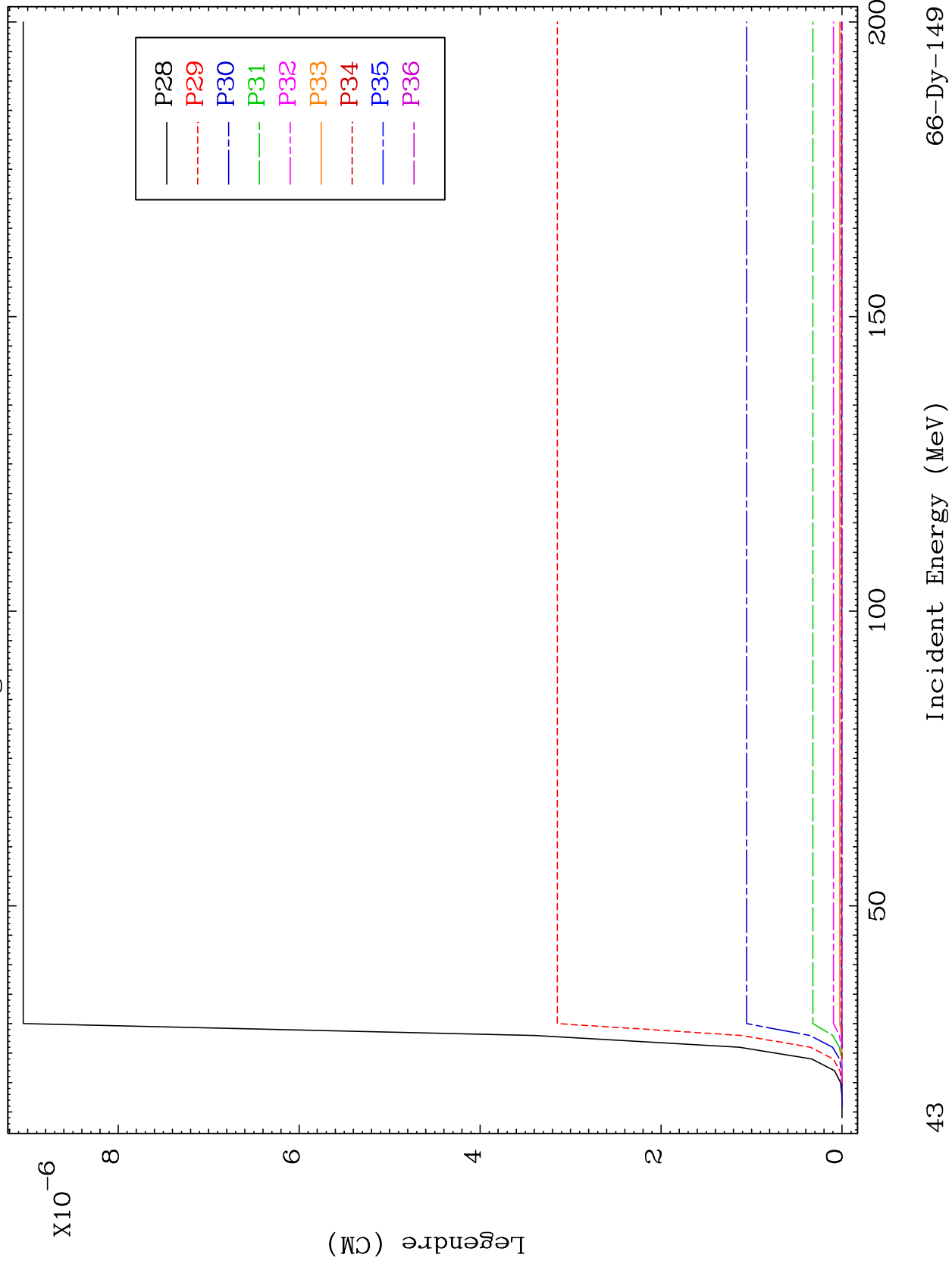
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



43

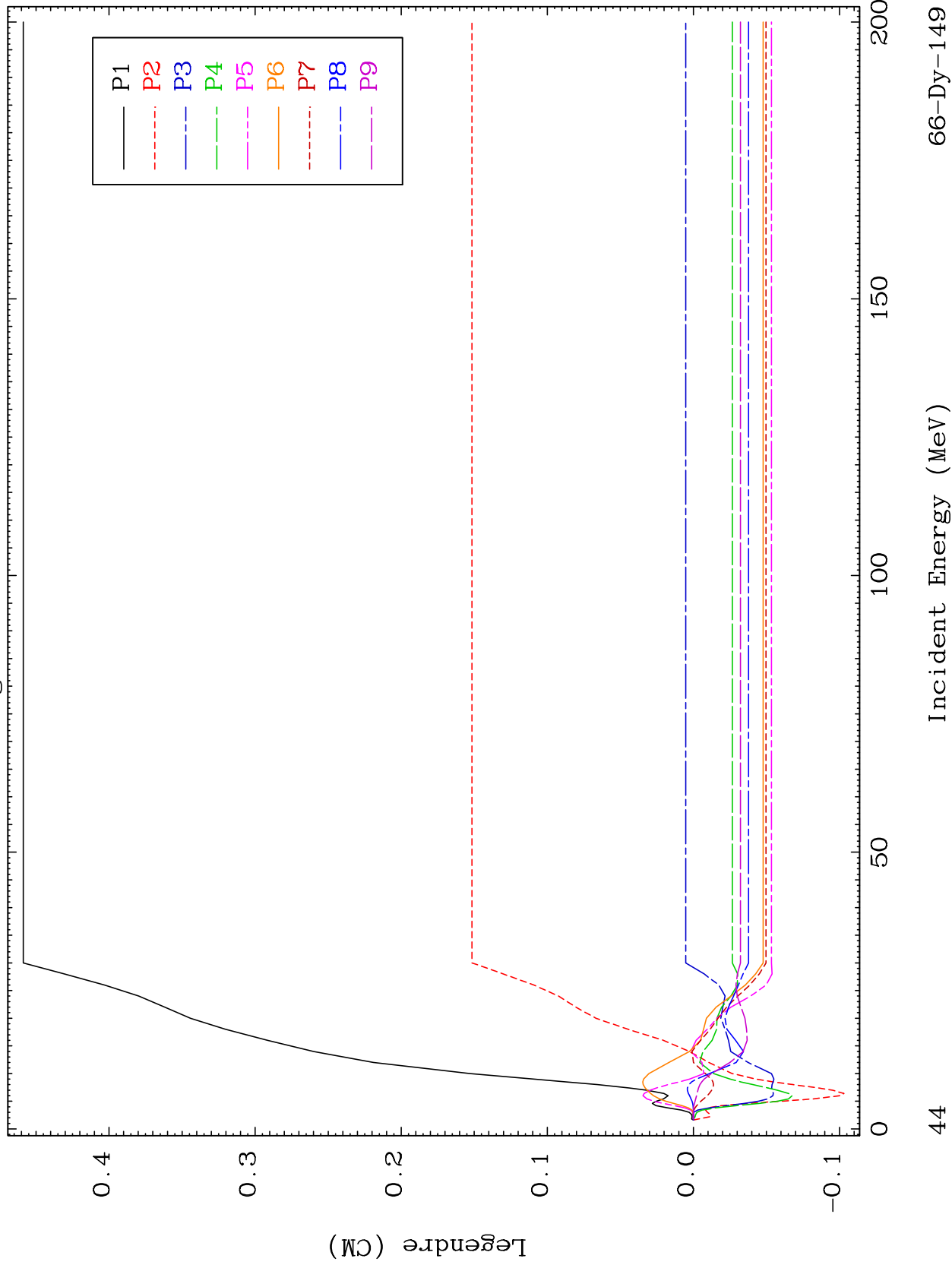
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



66-Dy-149

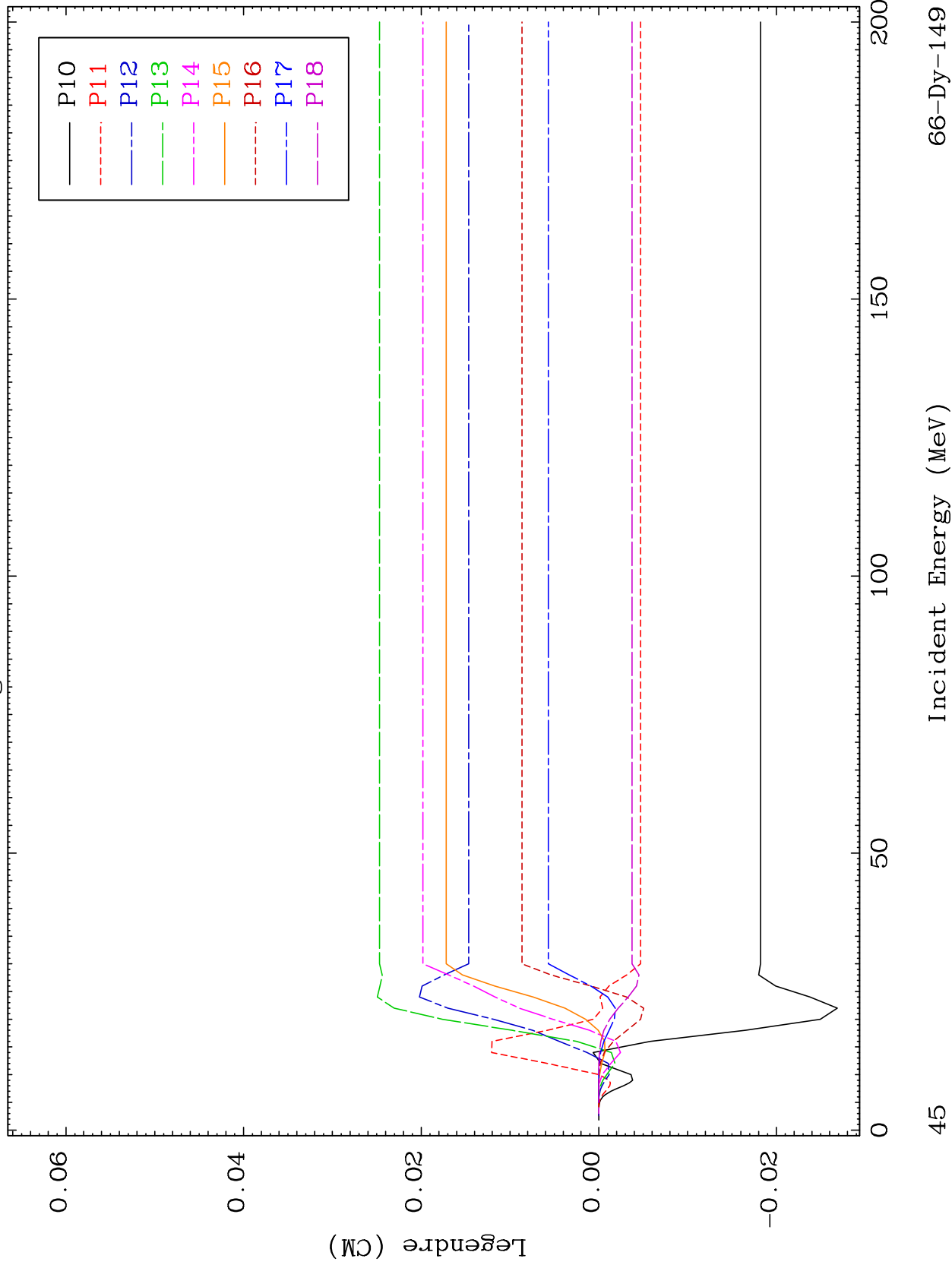
Incident Energy (MeV)

44

MAT 6604

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

66-Dy-149



66-Dy-149

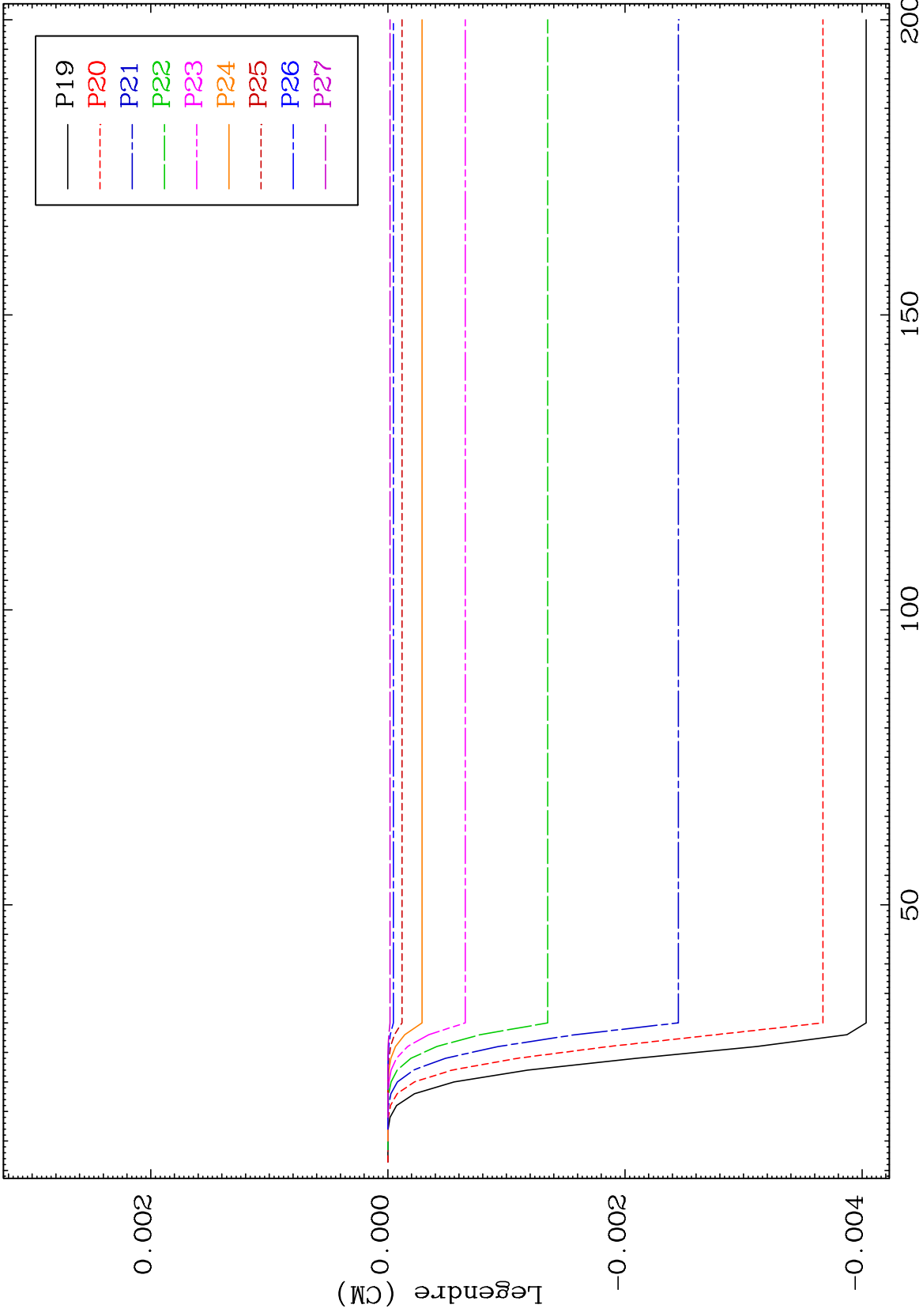
Incident Energy (MeV)

45

MAT 6604

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

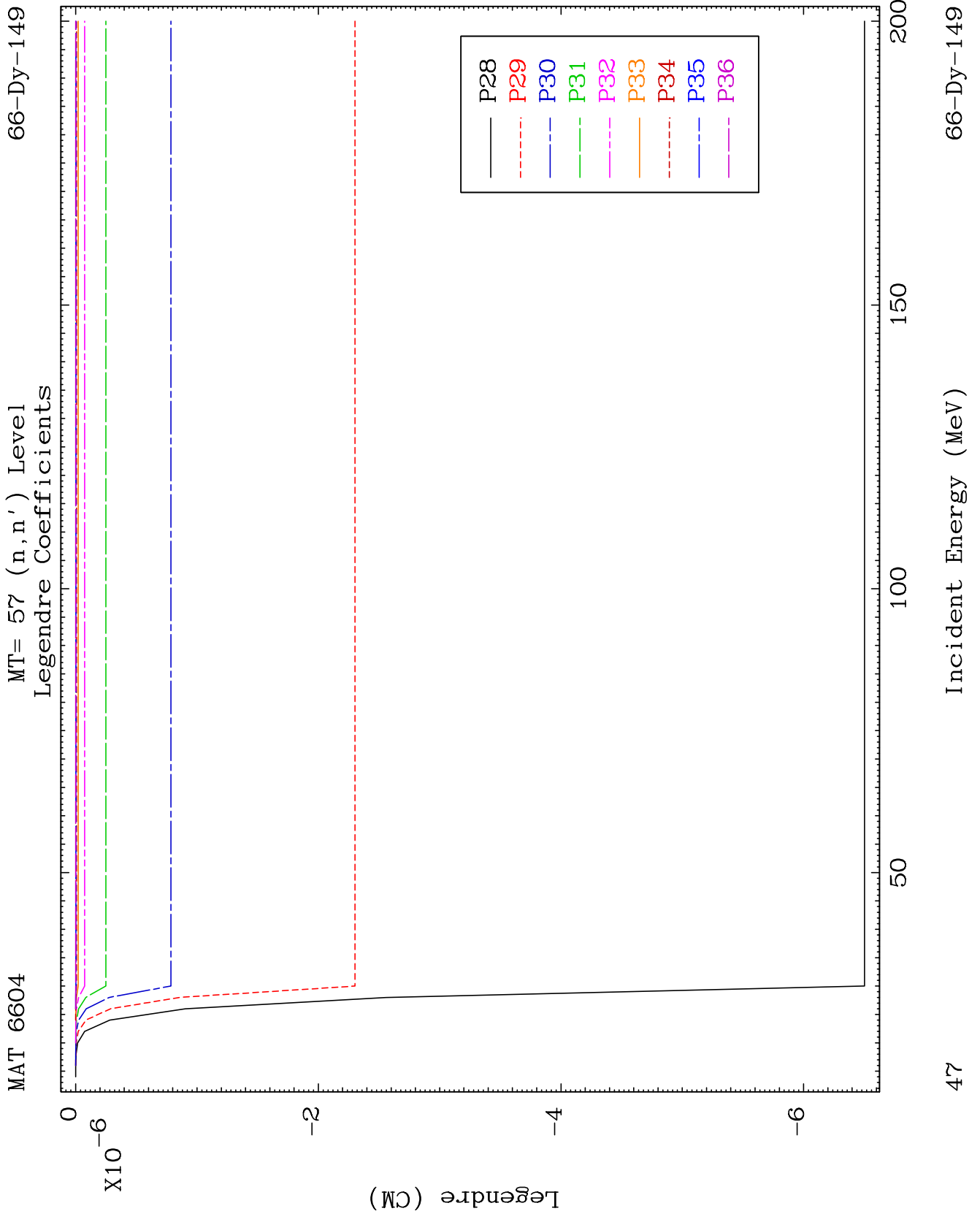
66-Dy-149



46

Incident Energy (MeV)

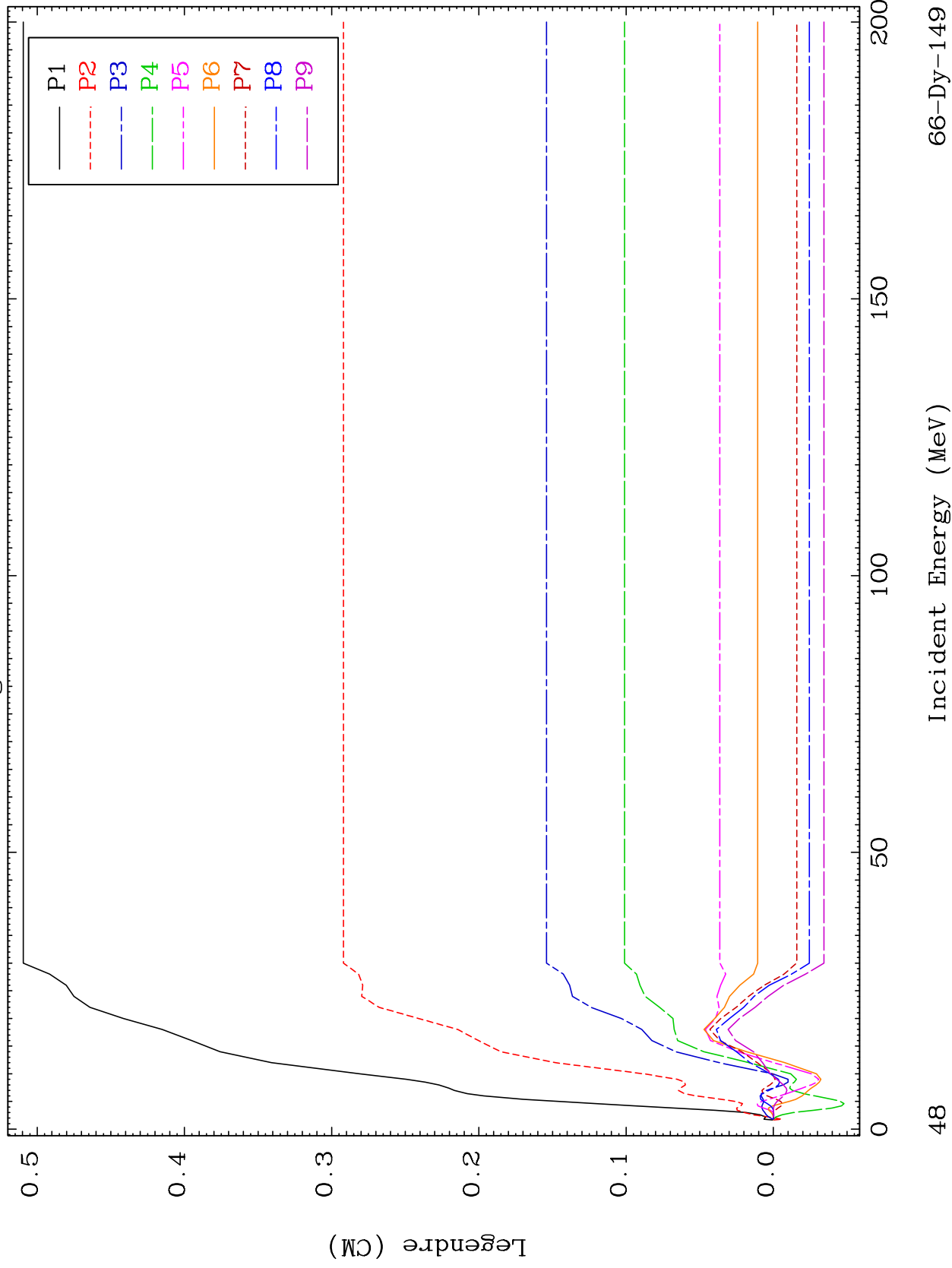
66-Dy-149



MAT 6604

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

66-Dy-149



48

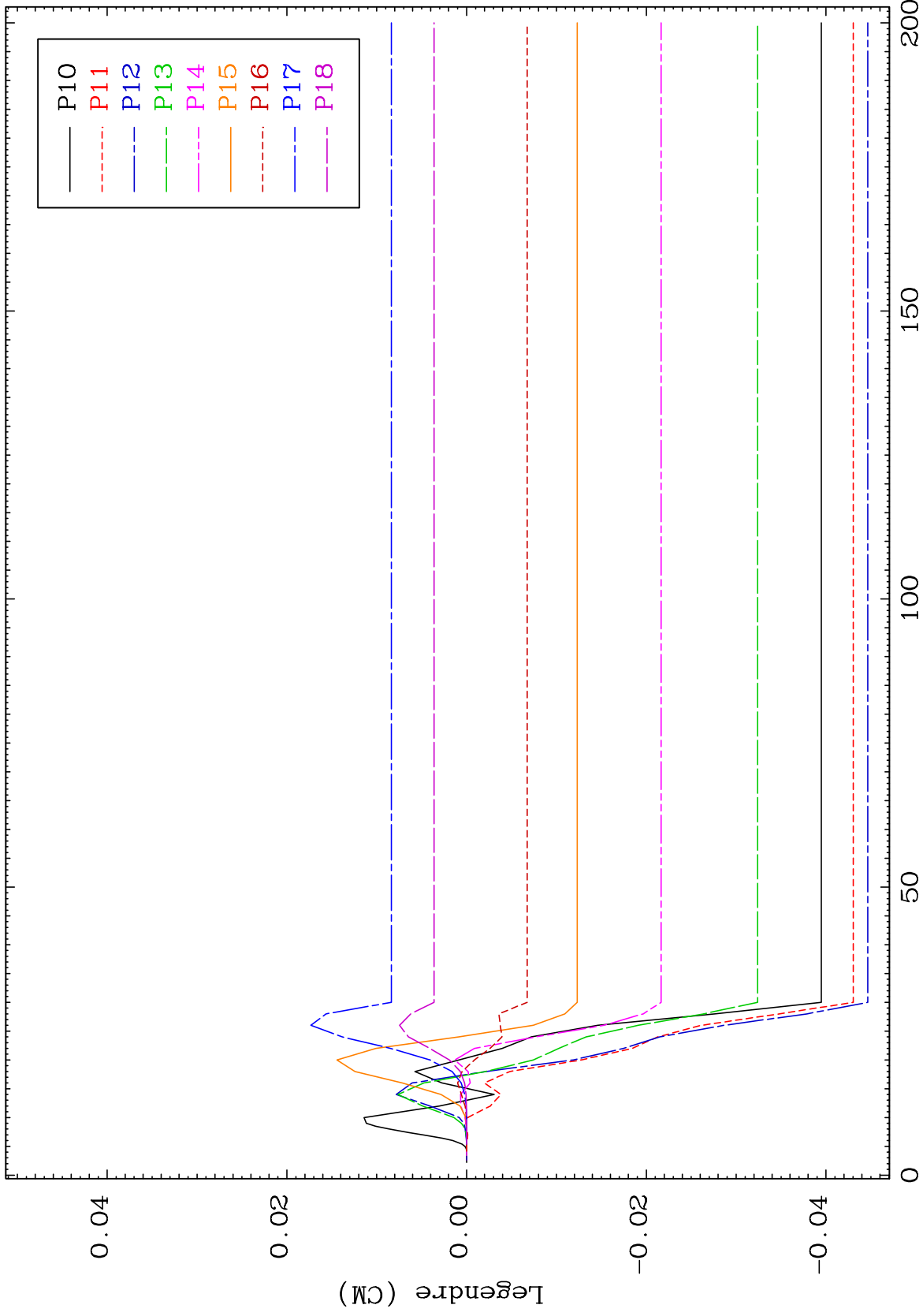
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



49

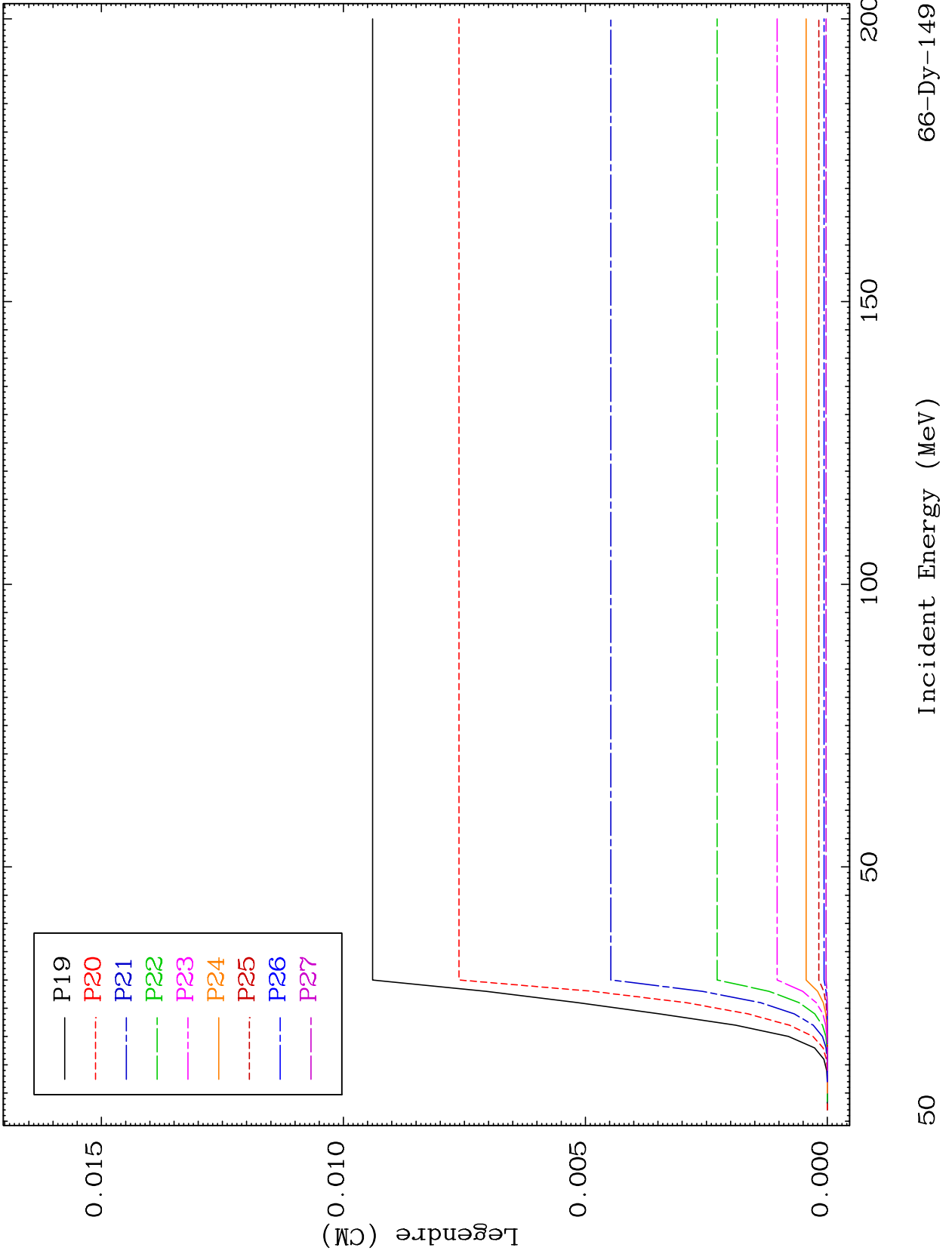
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



66-Dy-149

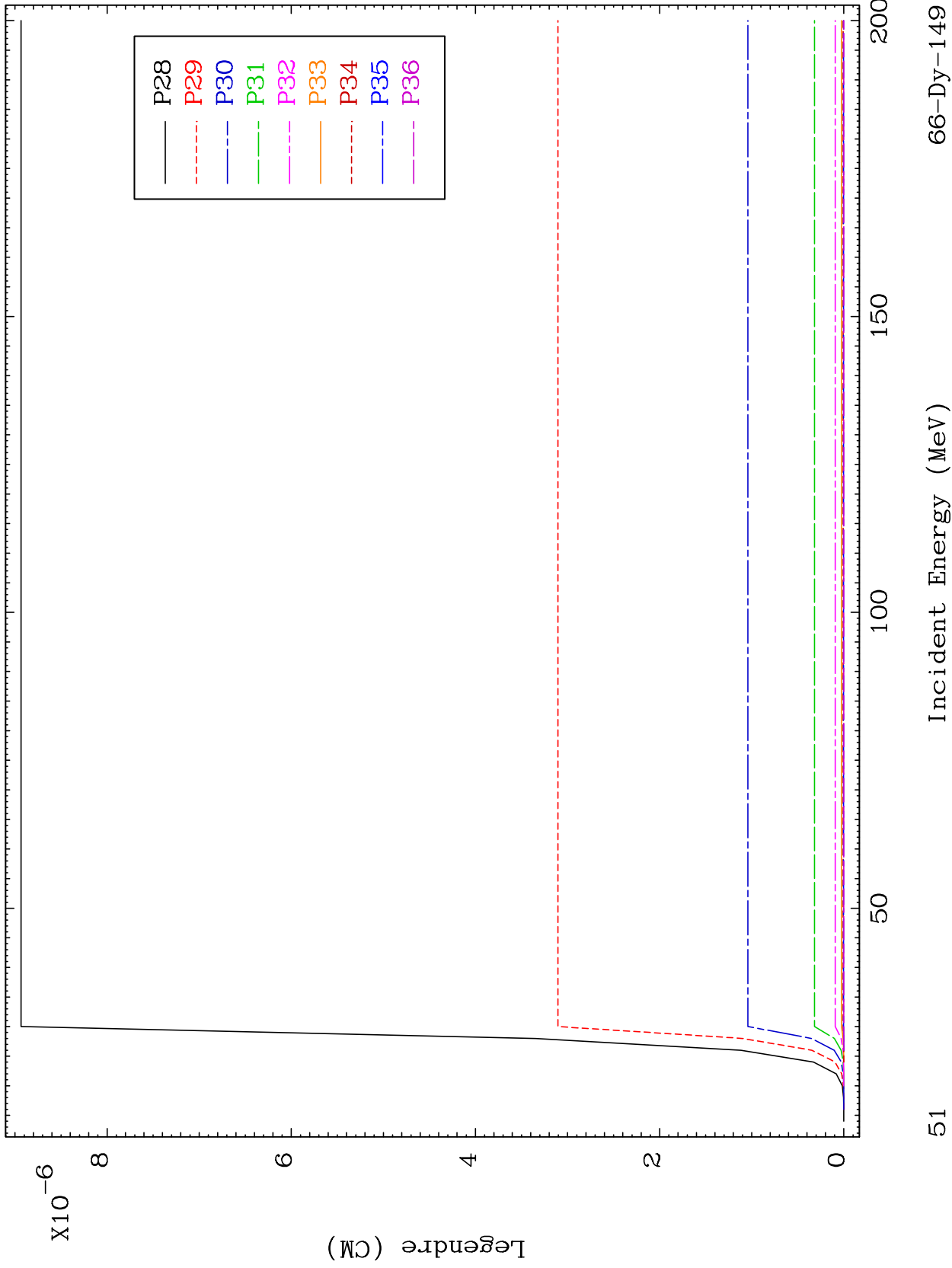
Incident Energy (MeV)

50

MAT 6604

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

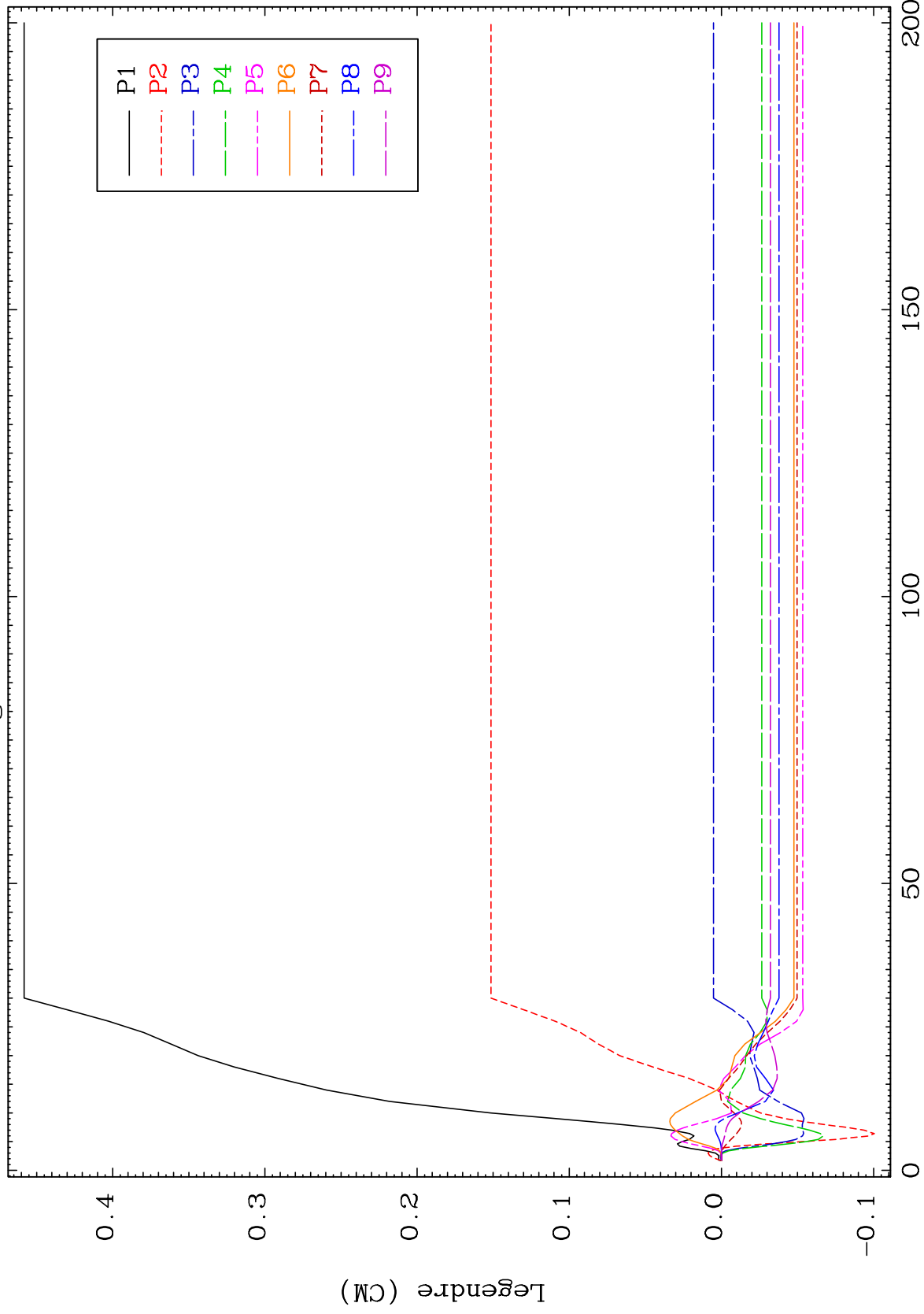
66-Dy-149



MAT 6604

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

66-Dy-149



52

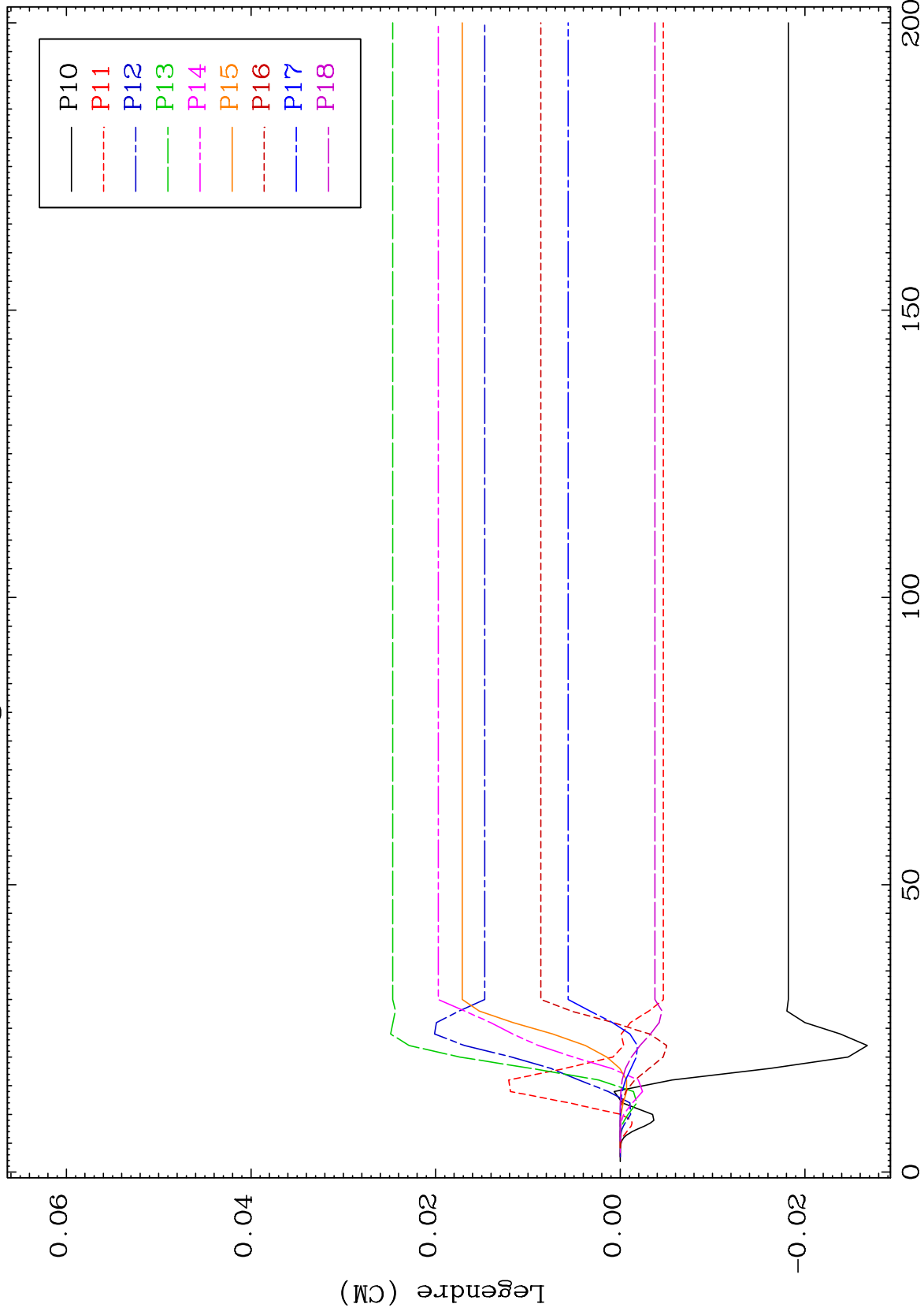
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



53

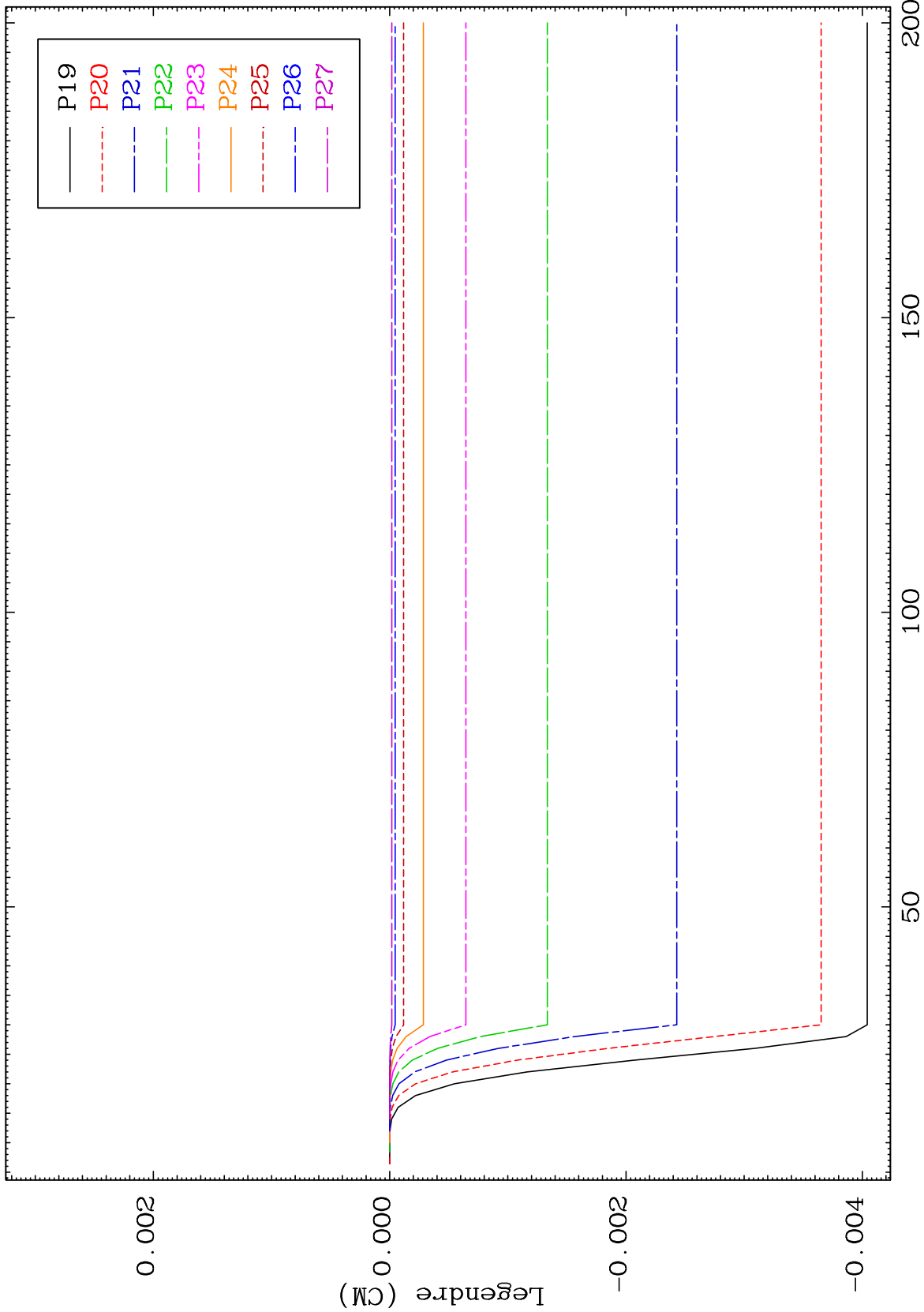
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

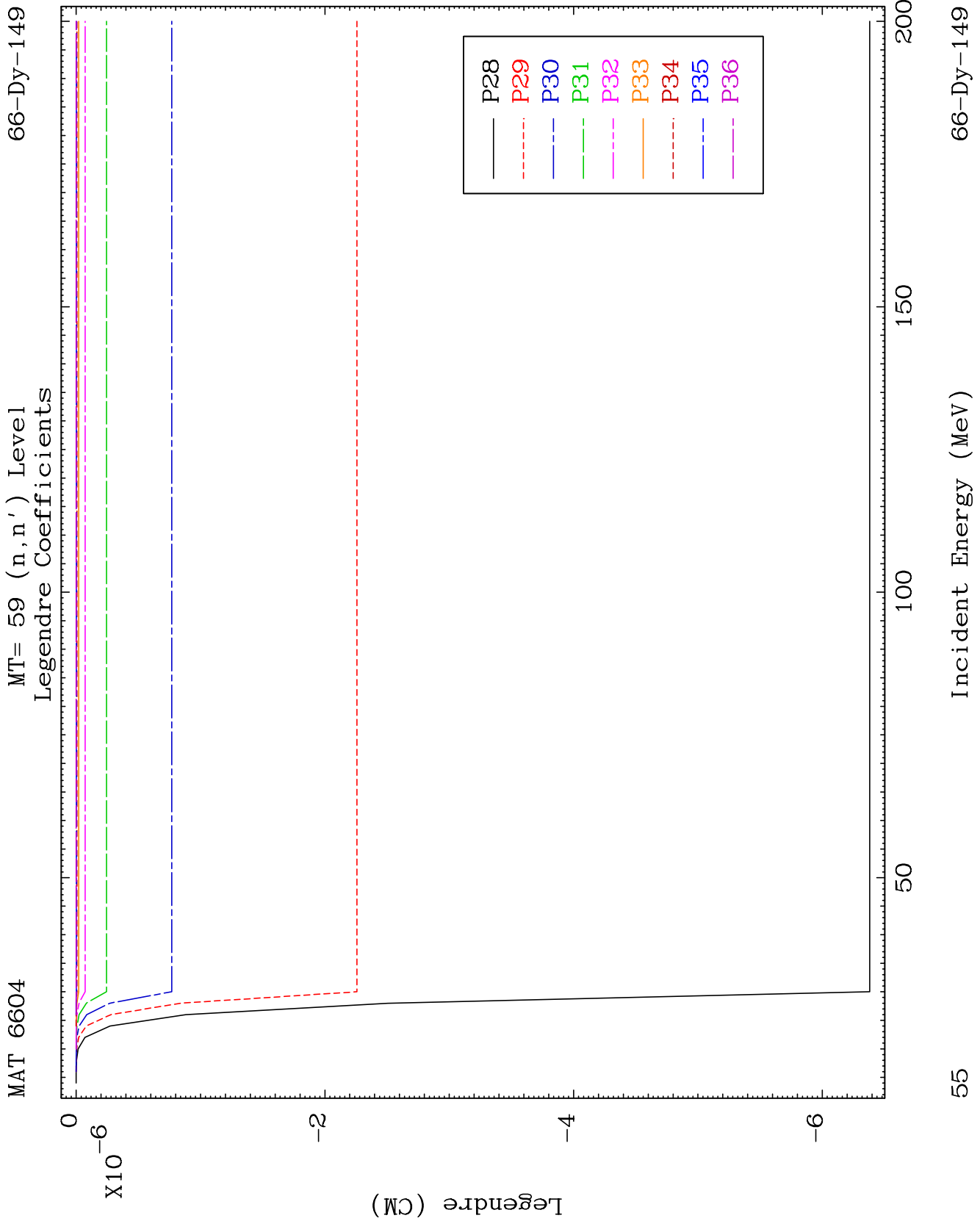
66-Dy-149



54

Incident Energy (MeV)

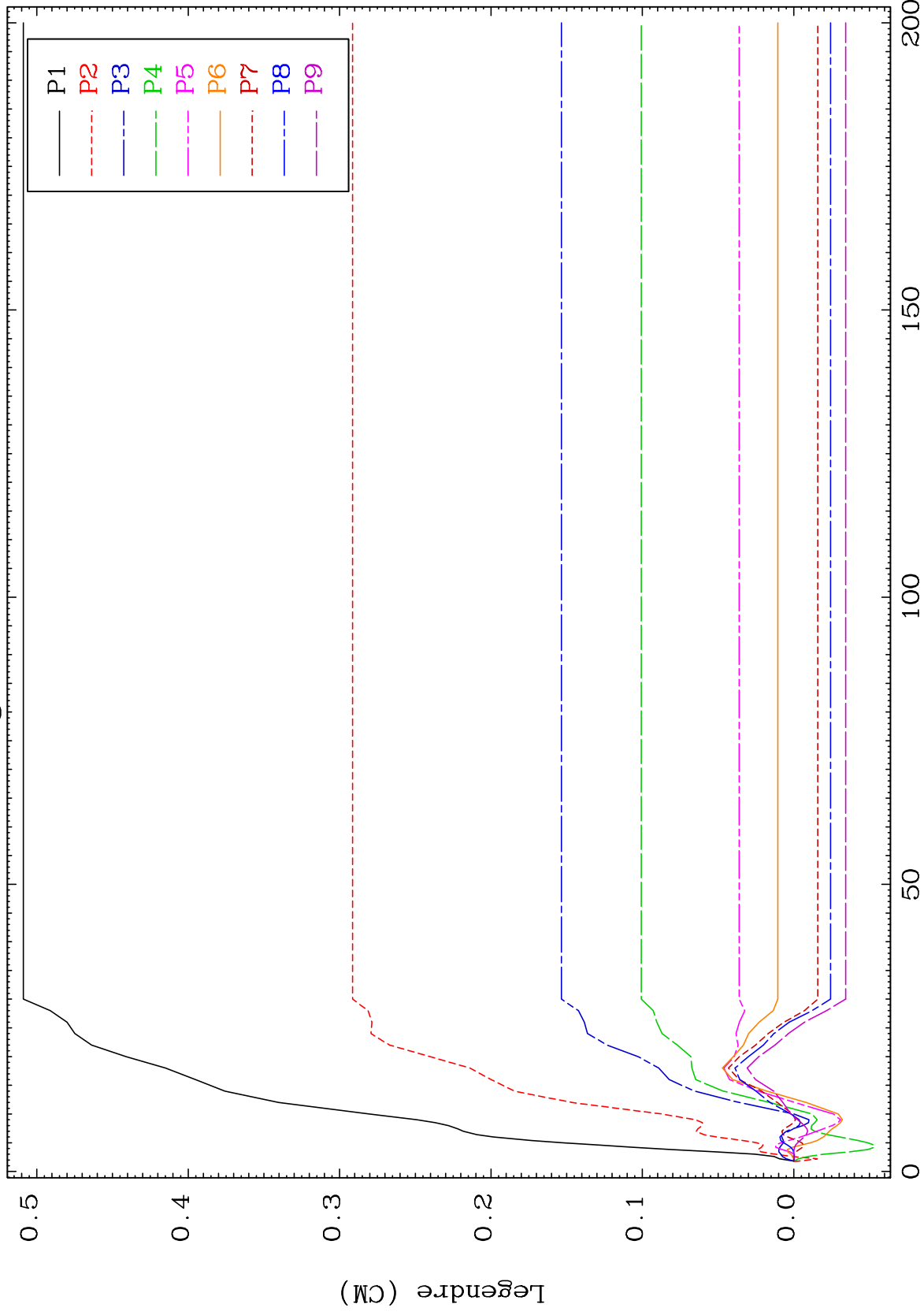
66-Dy-149



MAT 6604

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

66-Dy-149



Incident Energy (MeV)

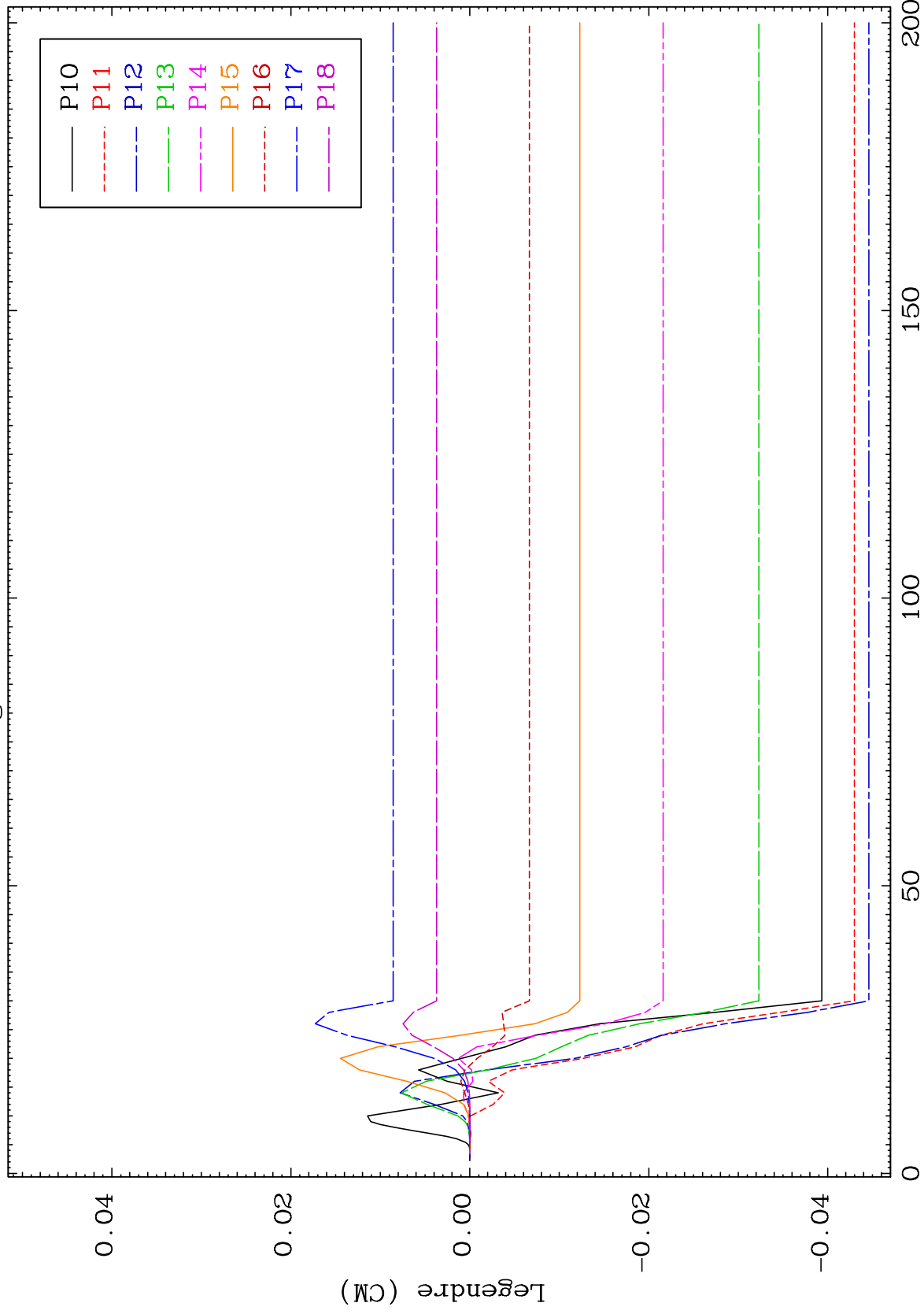
66-Dy-149

56

MAT 6604

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

66-Dy-149



57

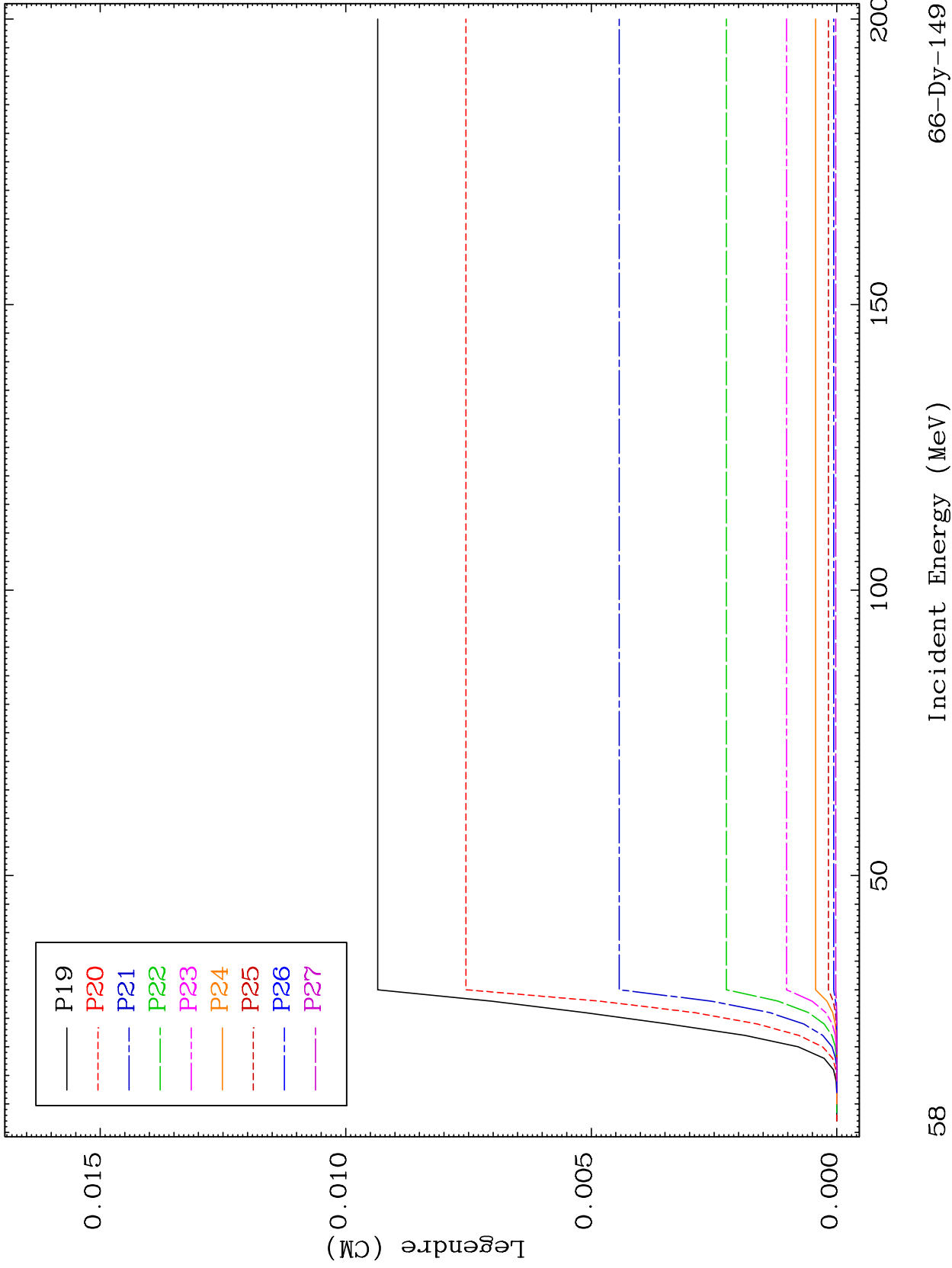
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



58

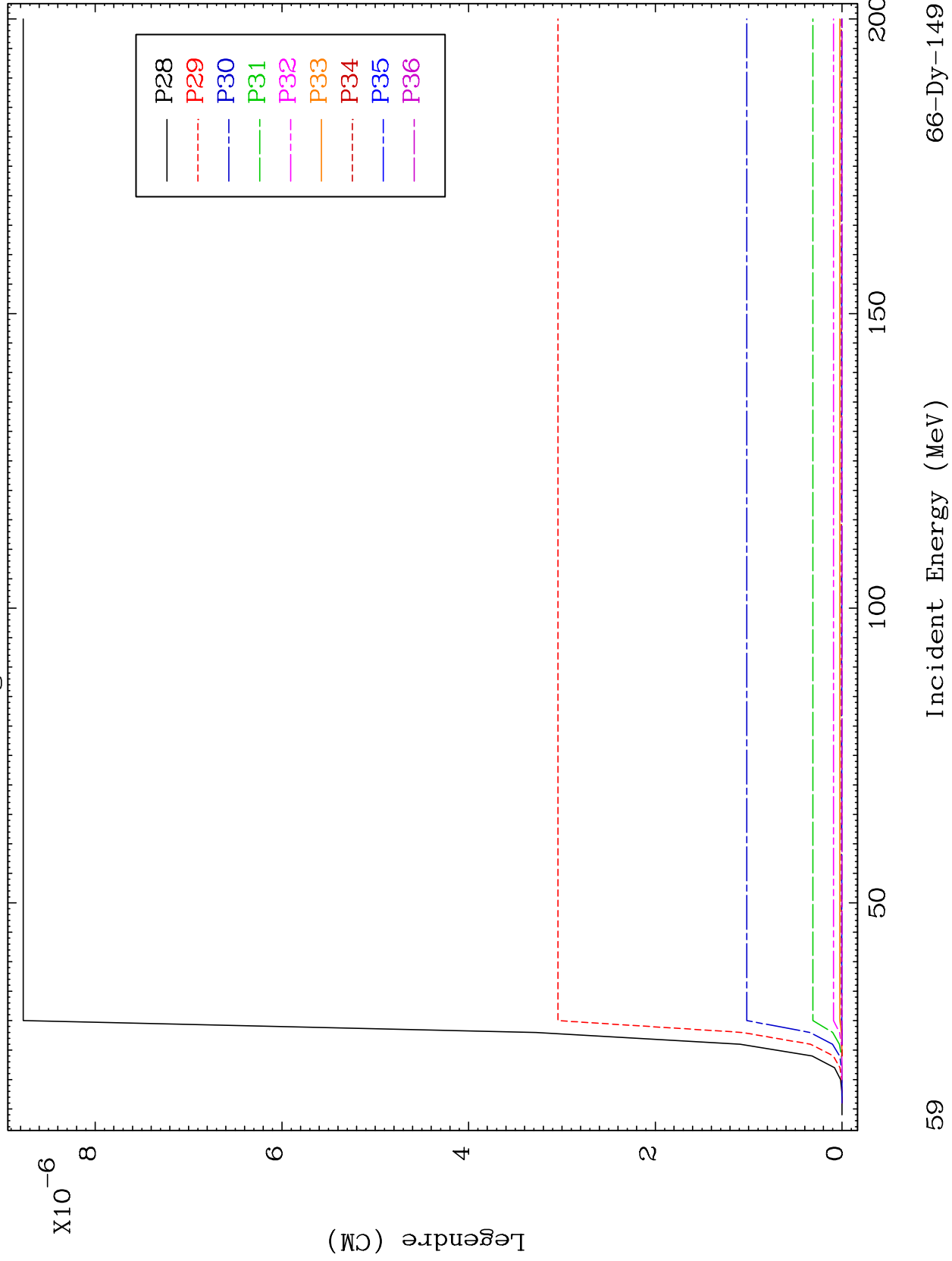
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

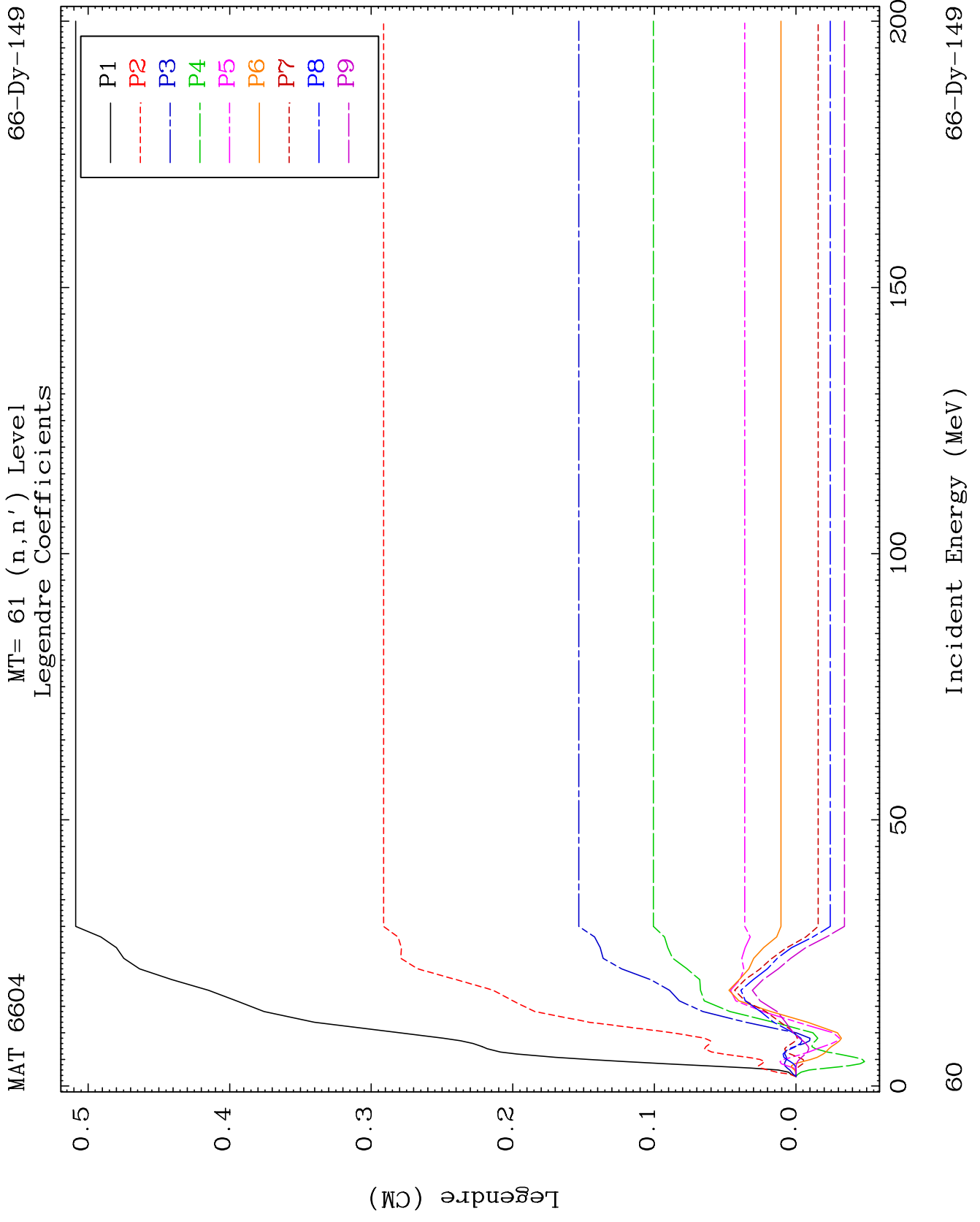
66-Dy-149



59

Incident Energy (MeV)

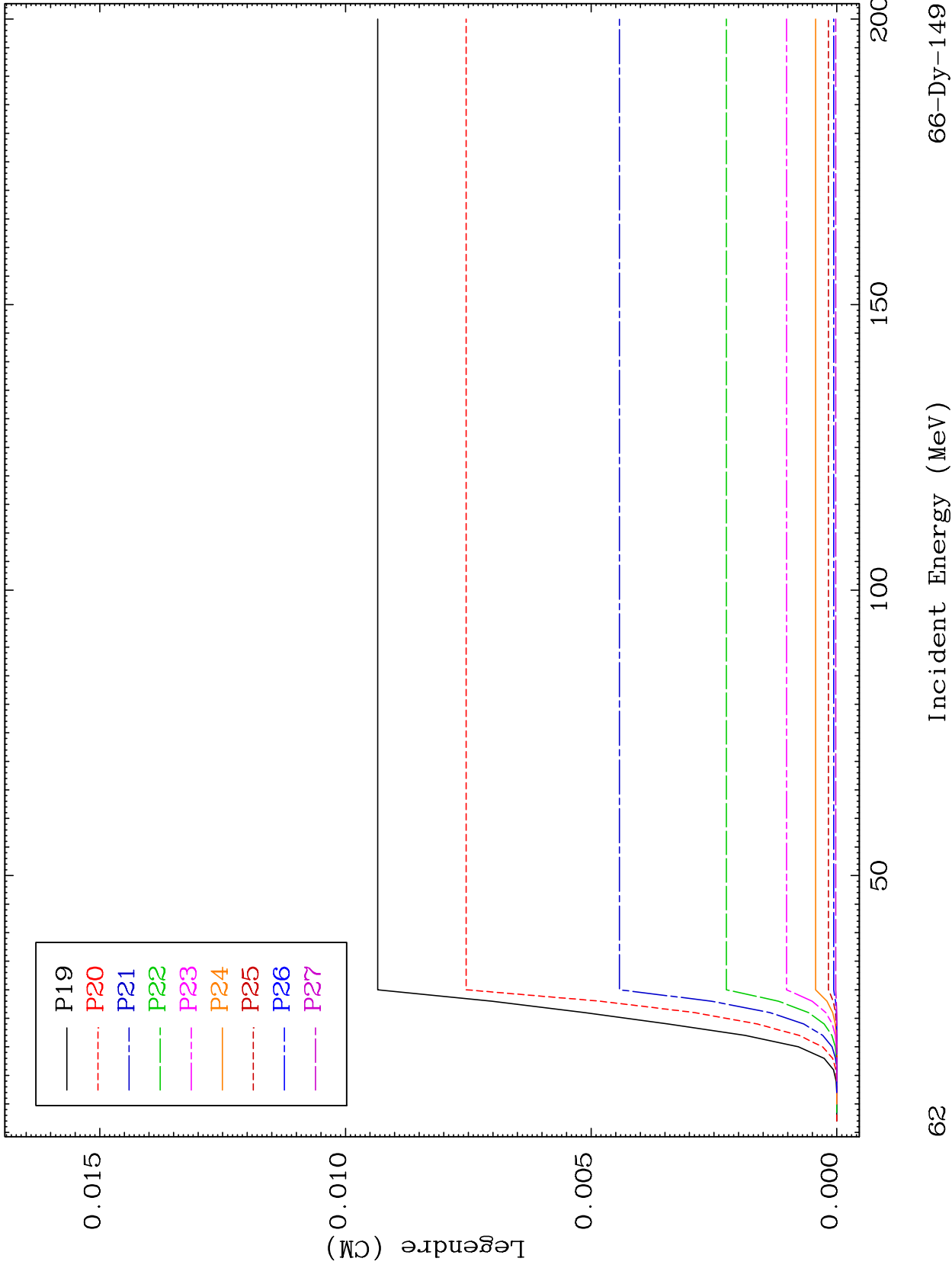
66-Dy-149



MAT 6604

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

66-Dy-149



62

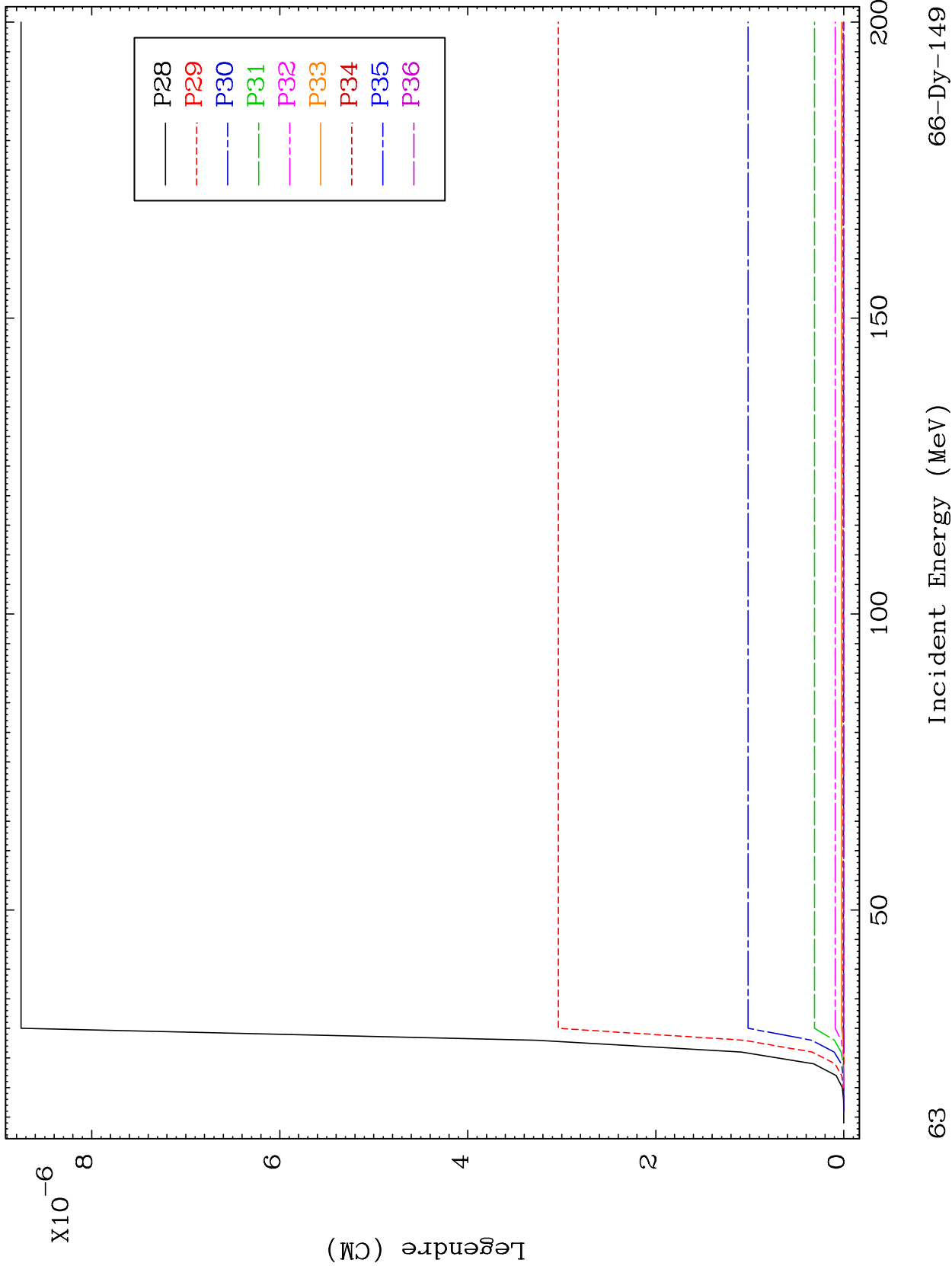
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149

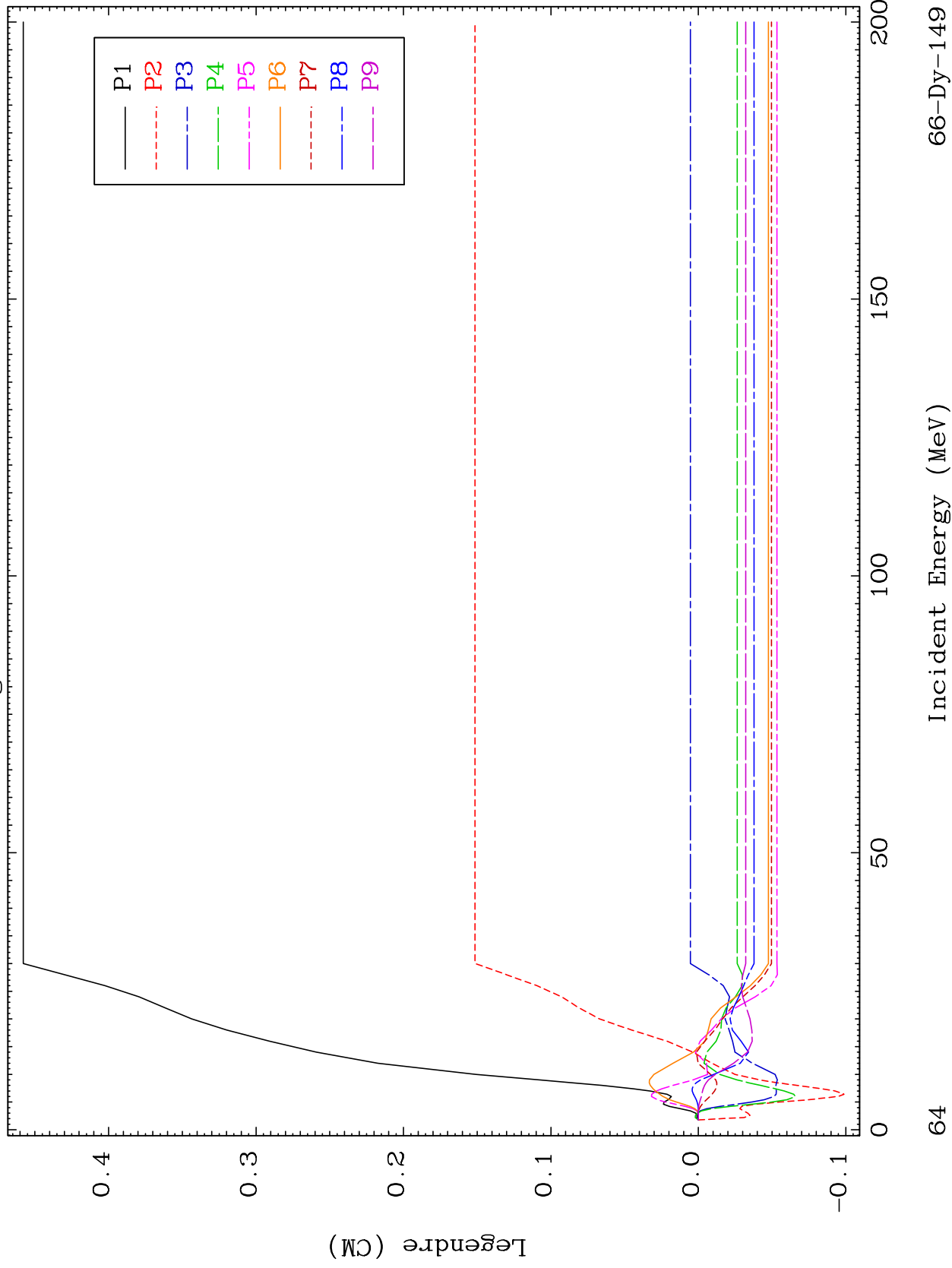


63

MAT 6604

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

66-Dy-149



66-Dy-149

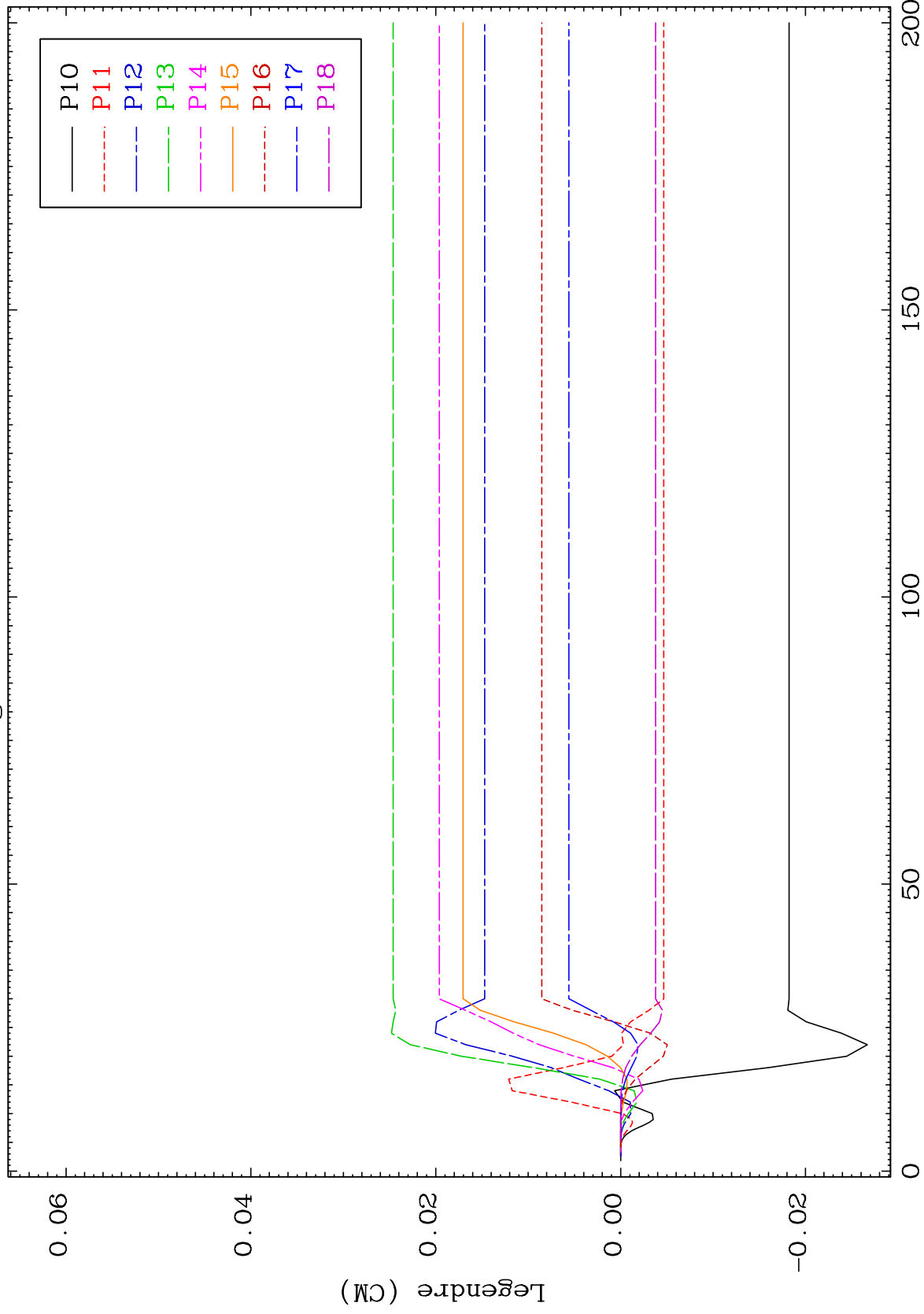
Incident Energy (MeV)

64

MAT 6604

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

66-Dy-149



65

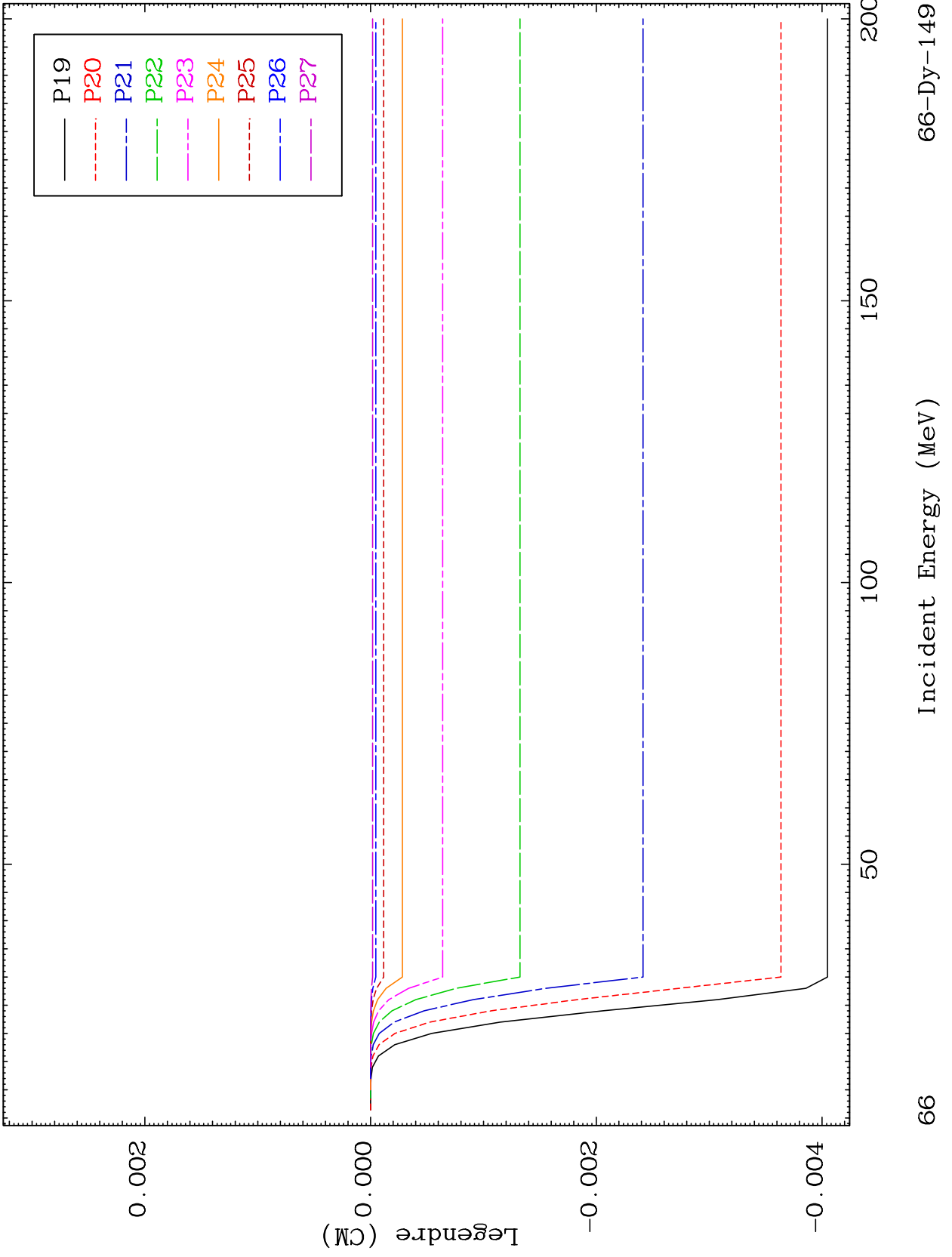
Incident Energy (MeV)

66-Dy-149

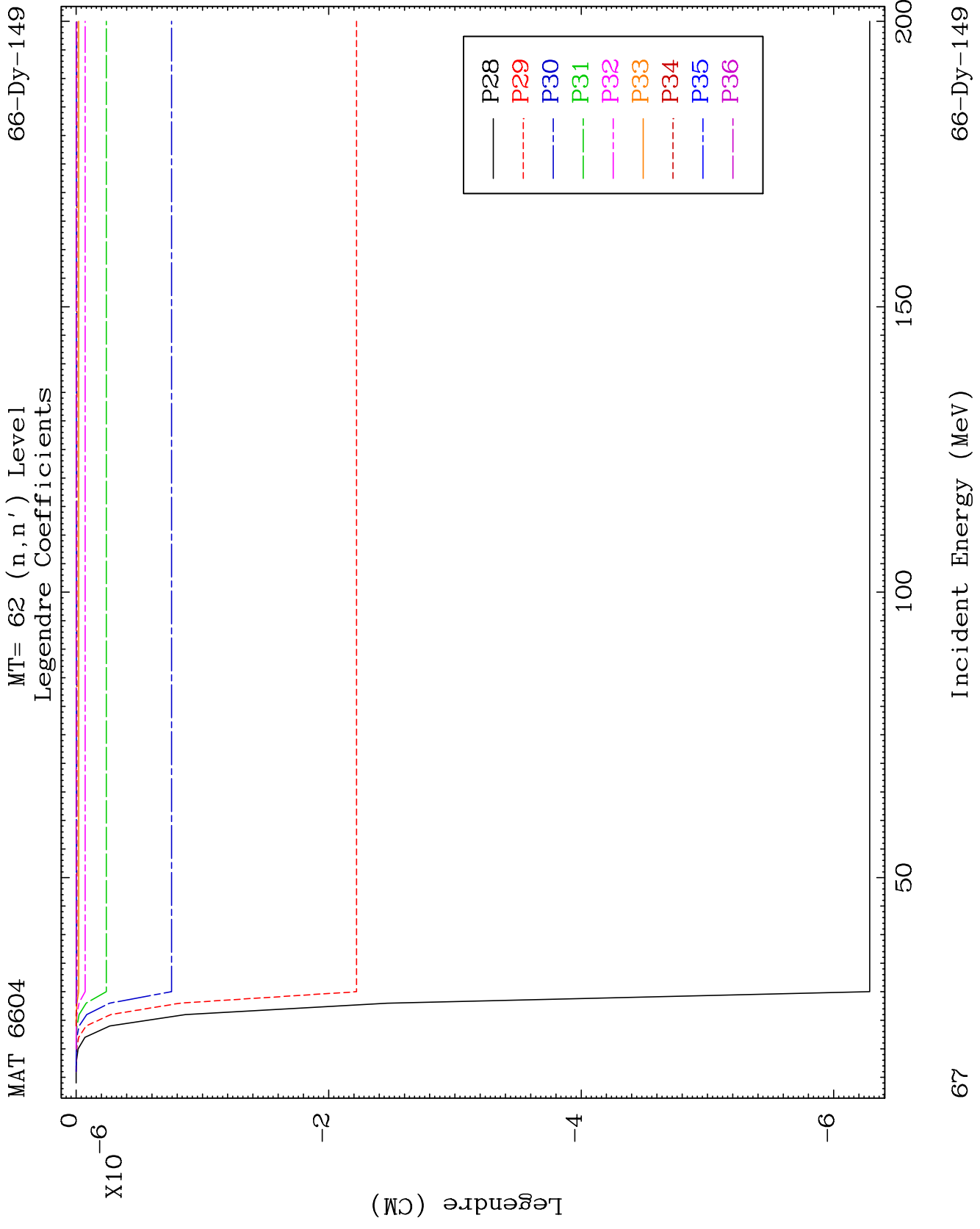
MAT 6604

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

66-Dy-149



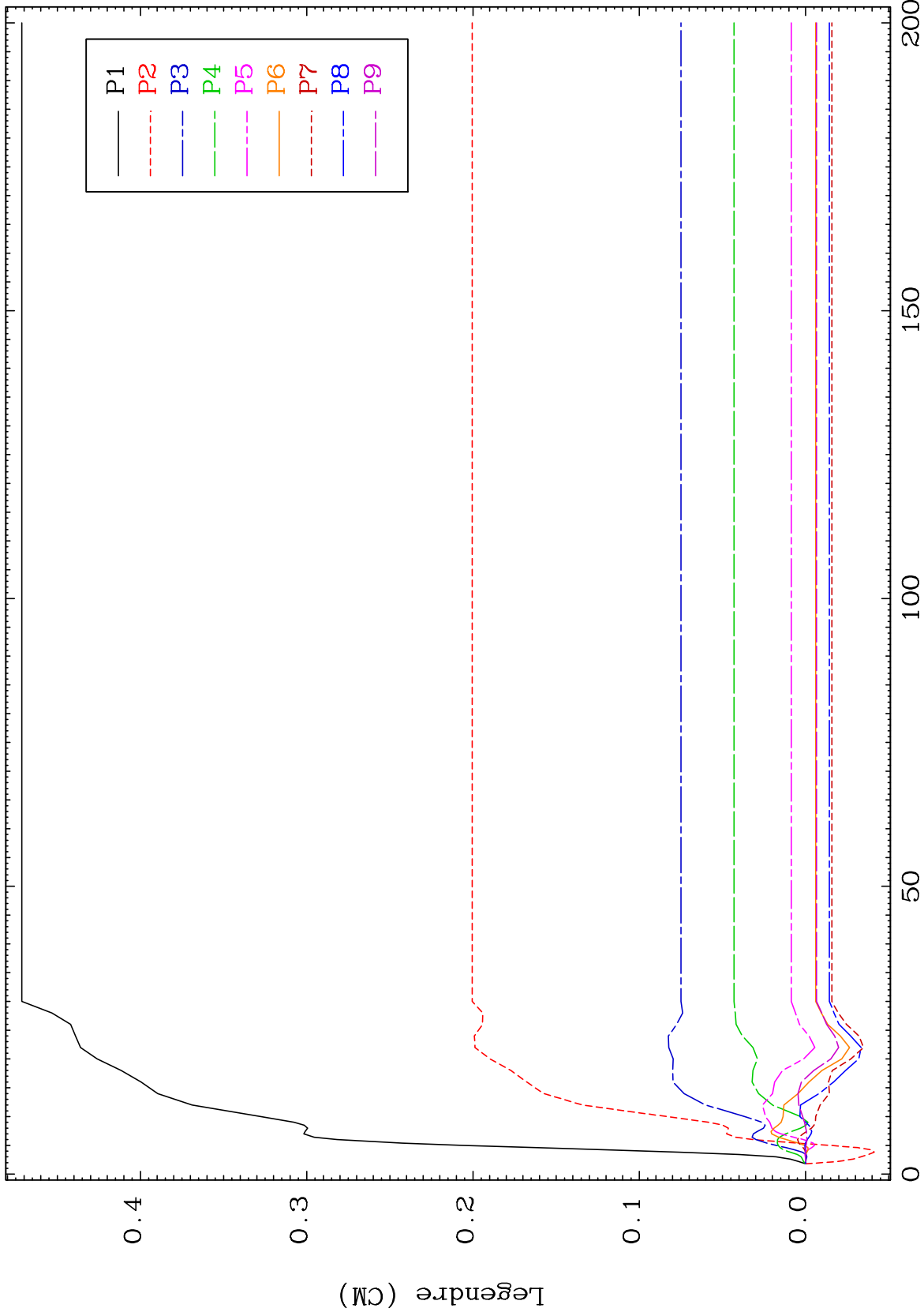
66



MAT 6604

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

66-Dy-149



Incident Energy (MeV)

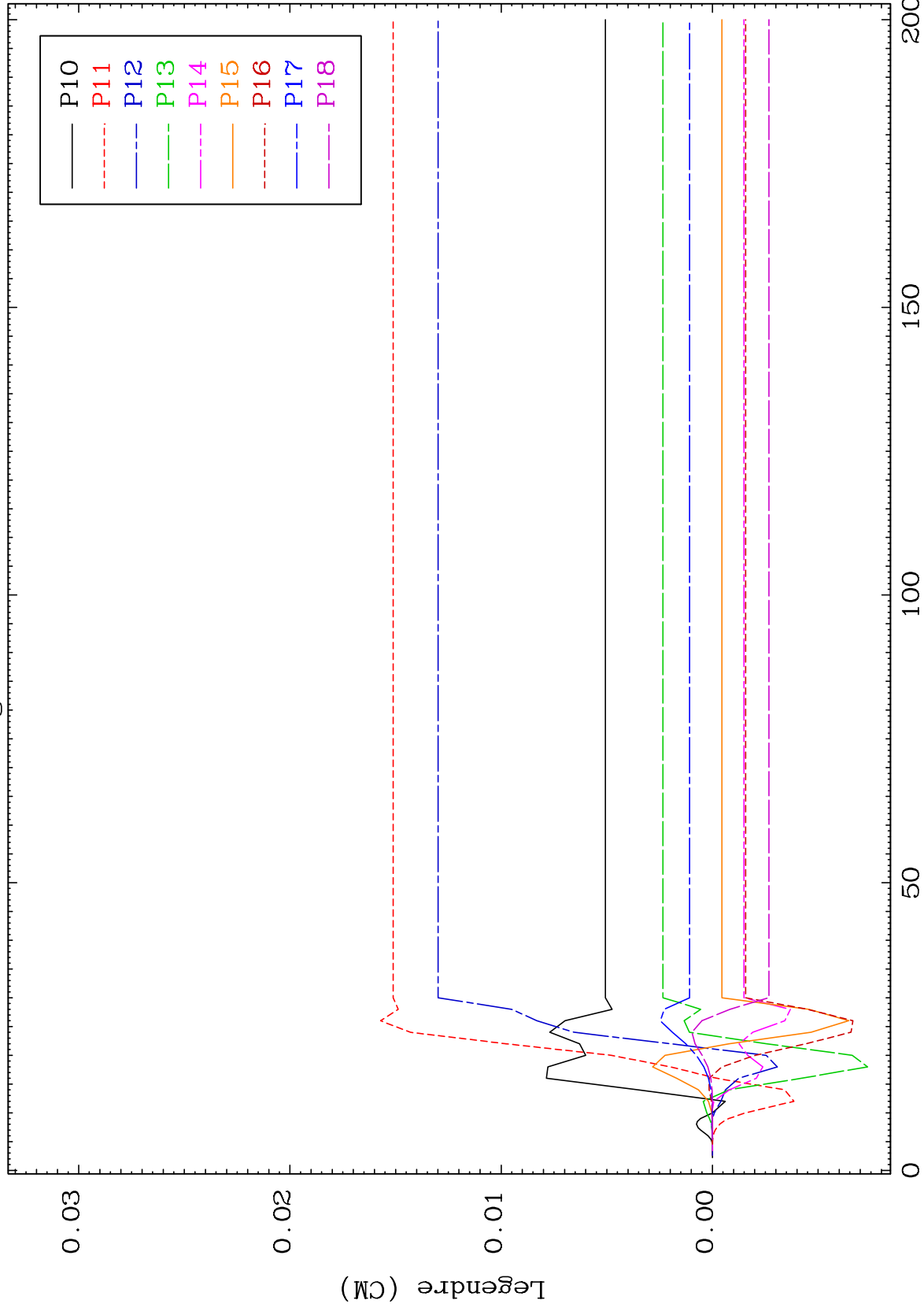
66-Dy-149

68

MAT 6604

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

66-Dy-149



69

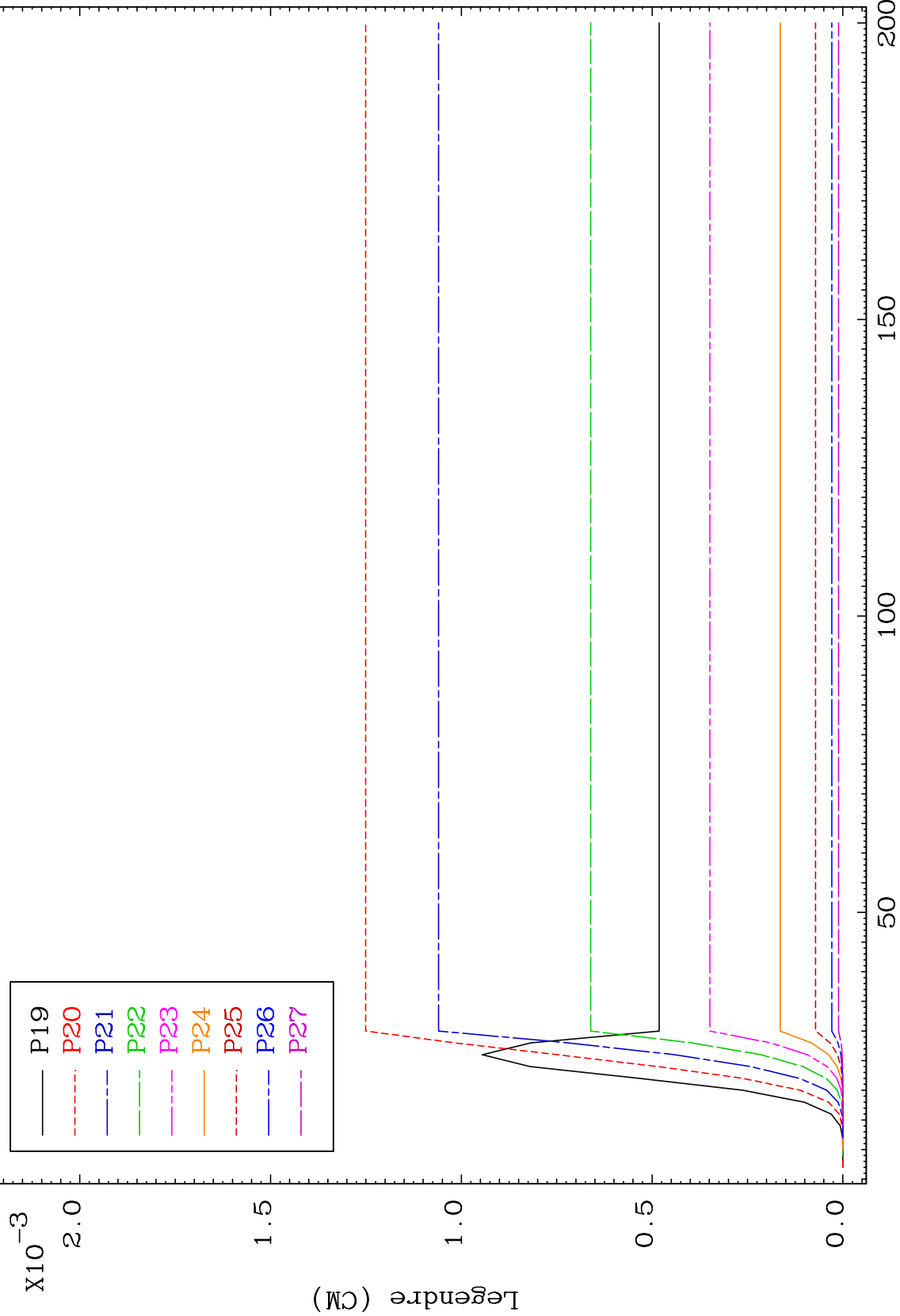
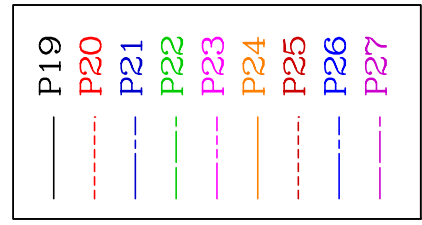
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



70

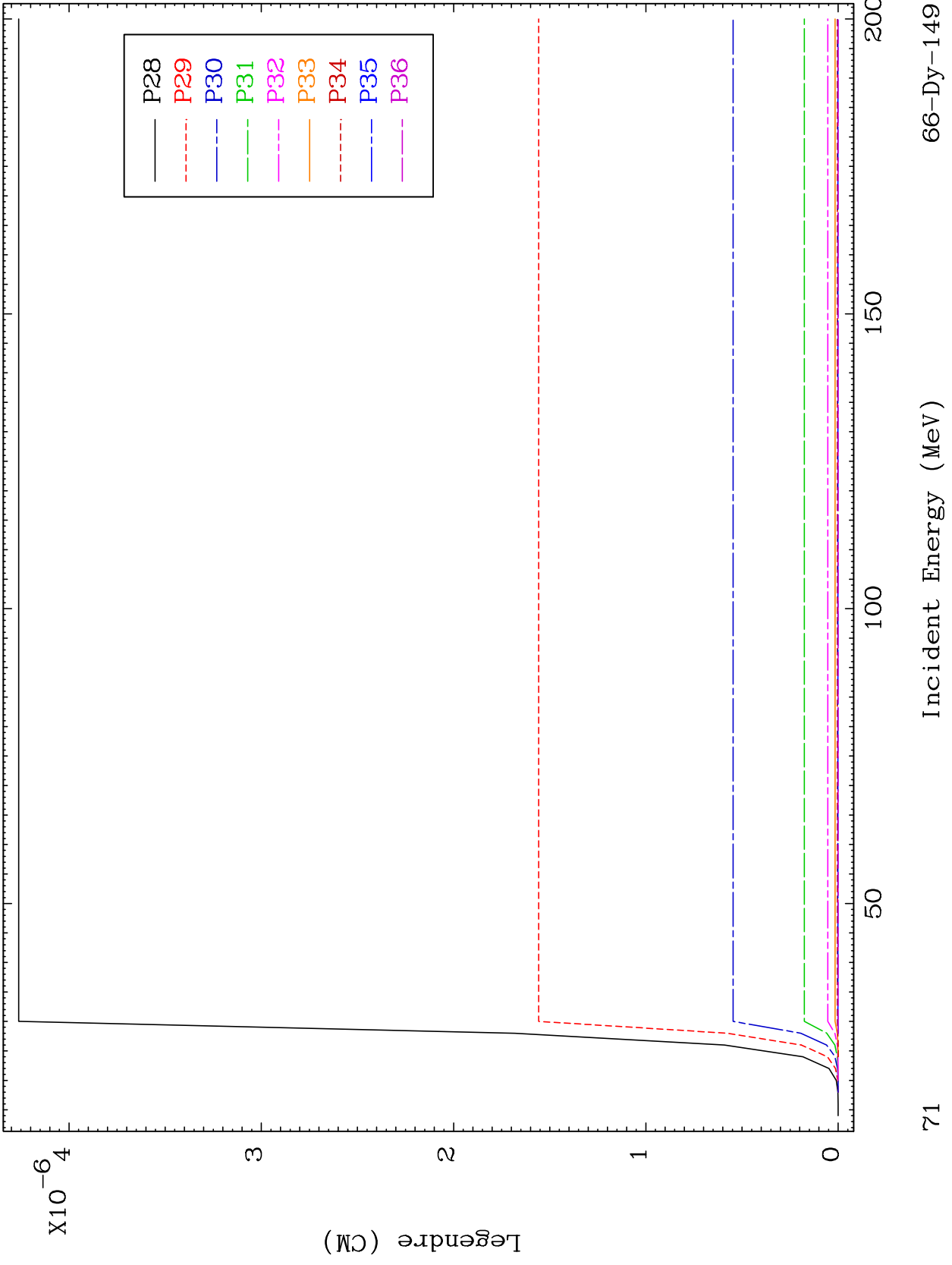
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

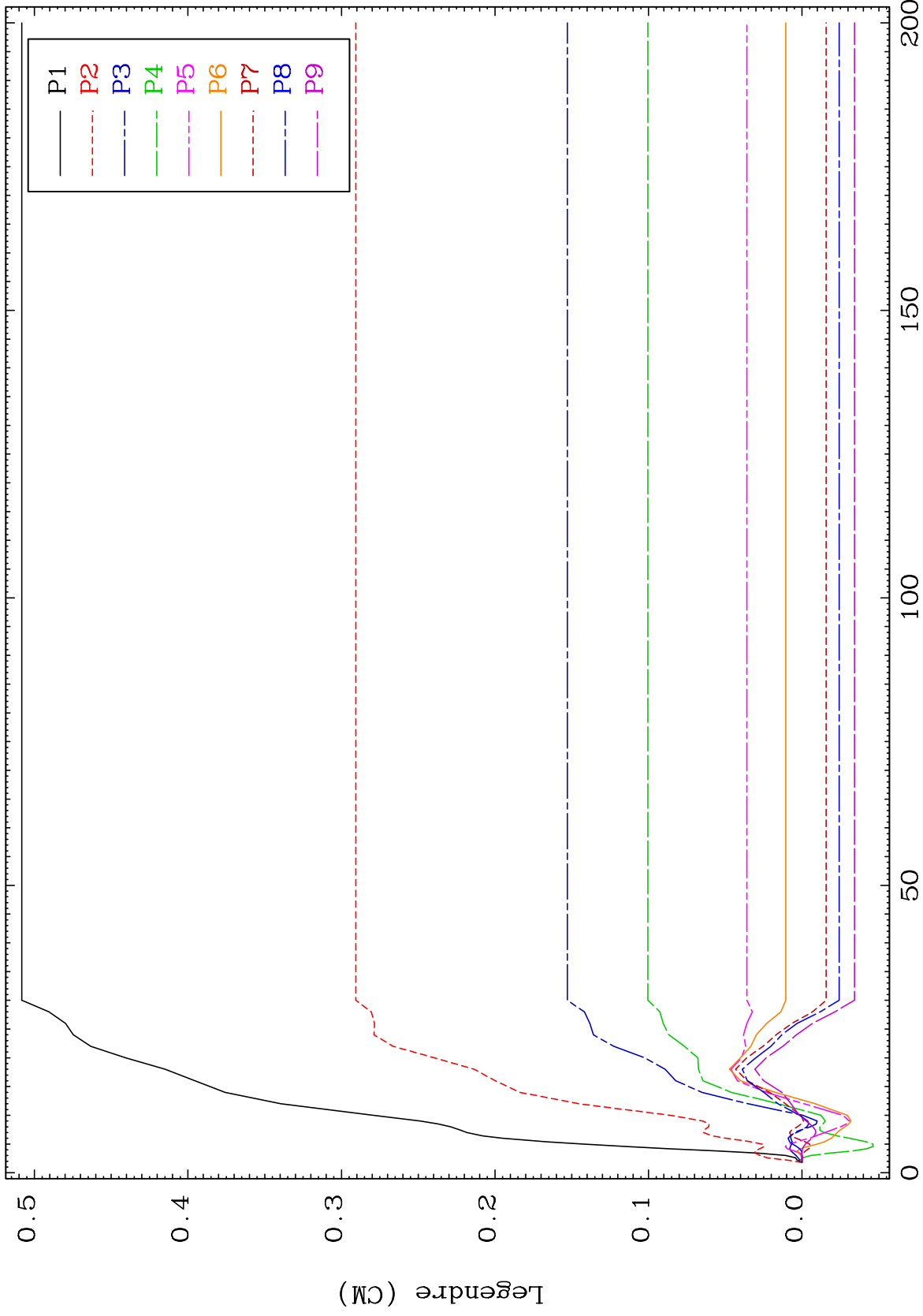
66-Dy-149



MAT 6604

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

66-Dy-149



72

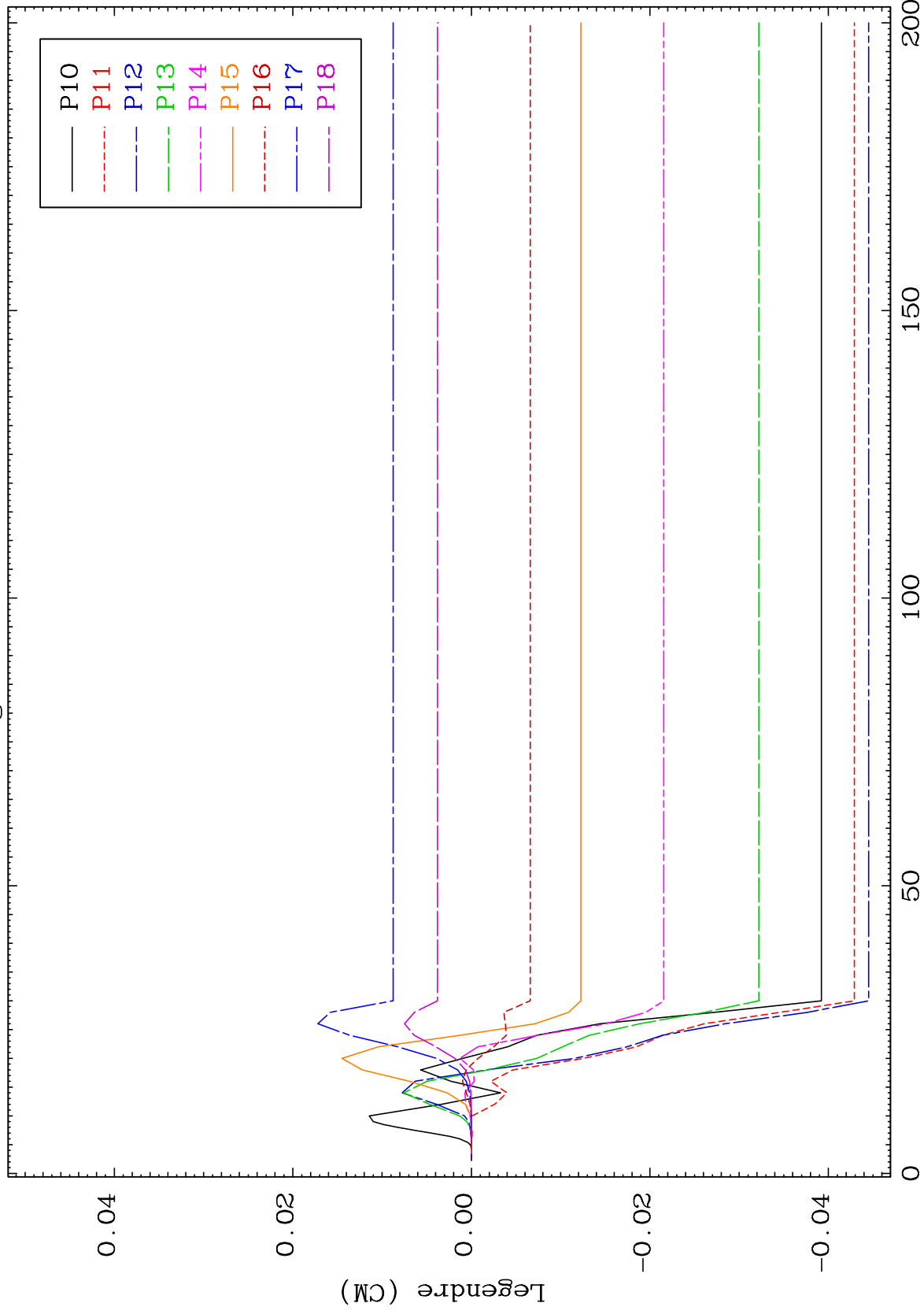
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



73

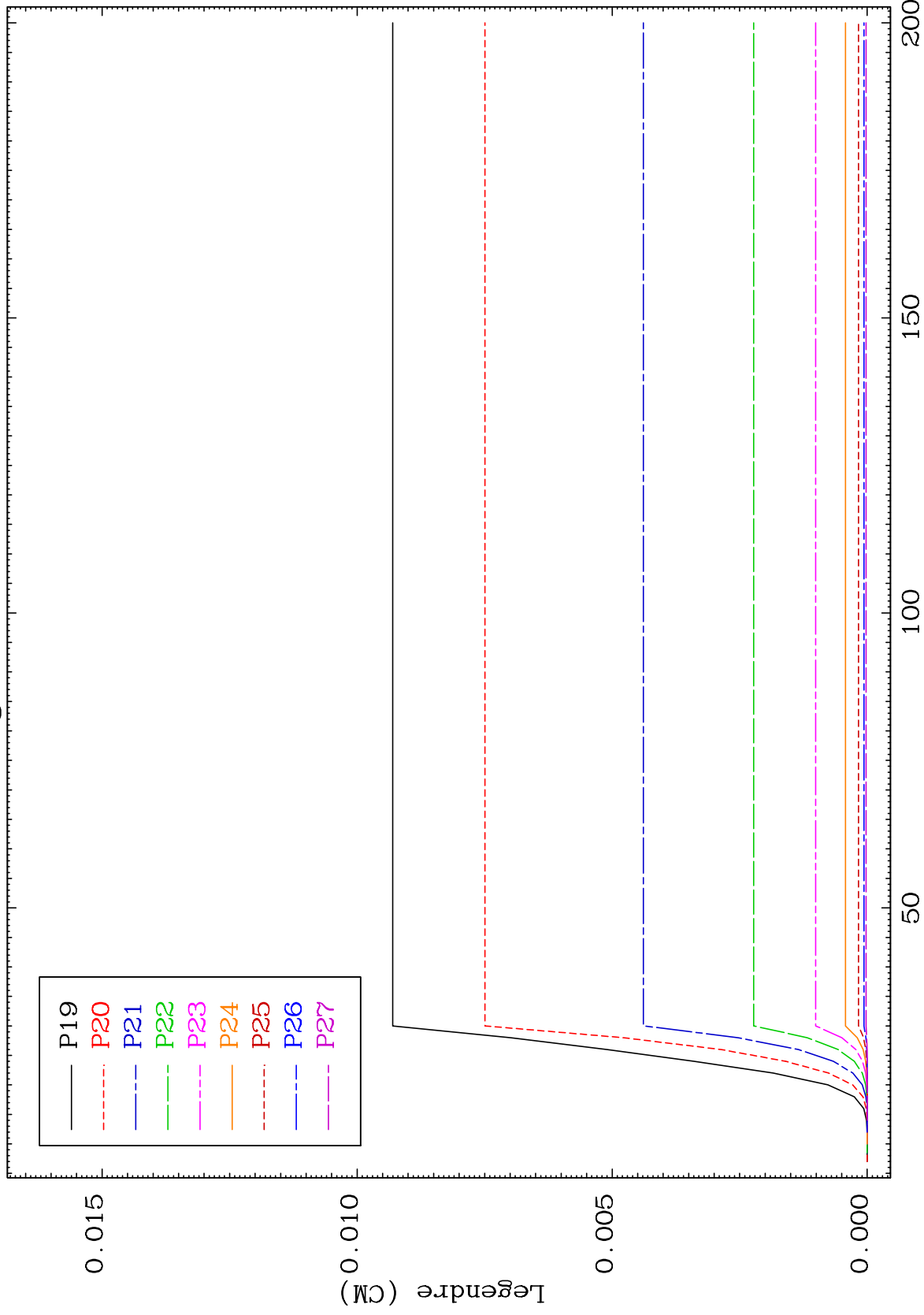
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



74

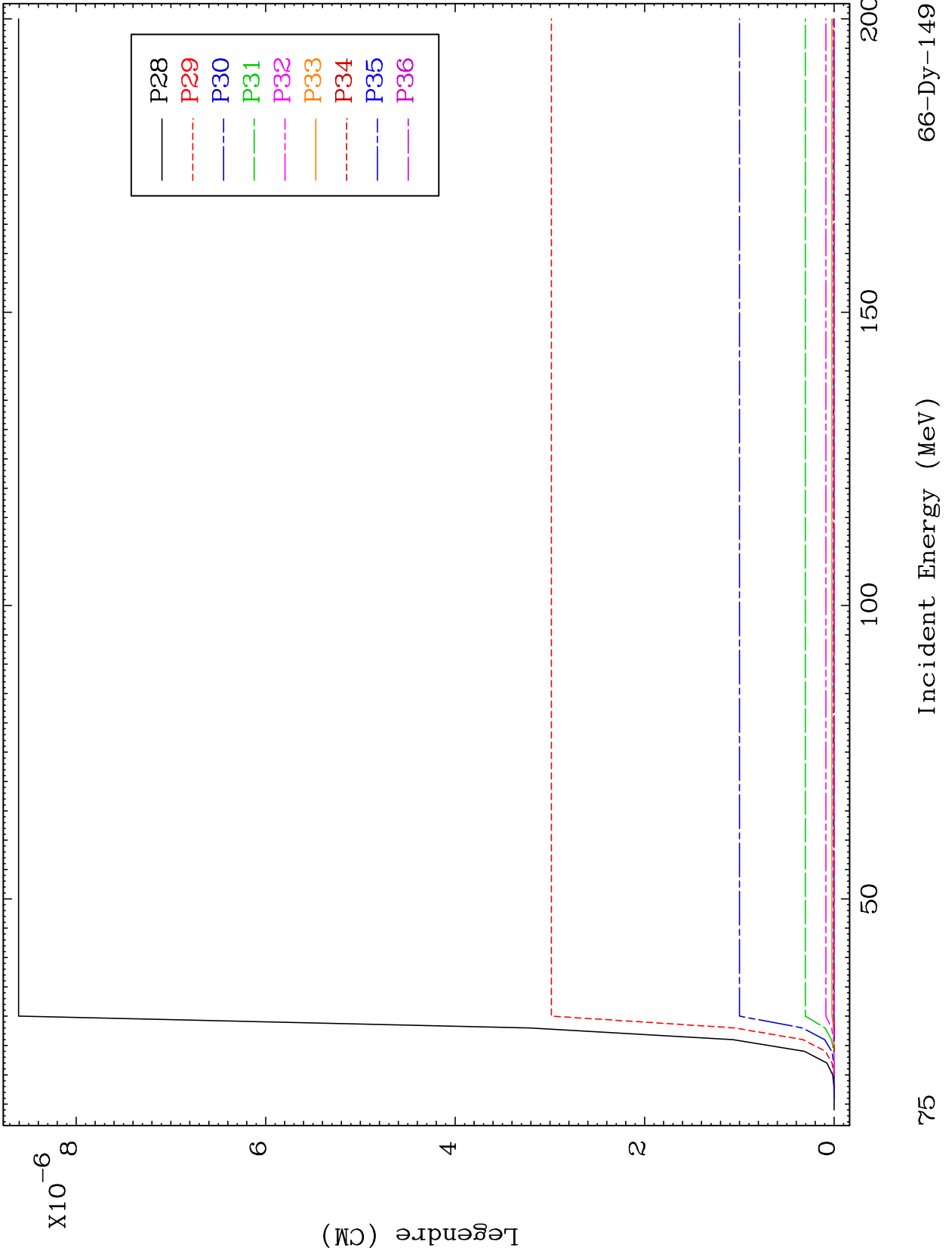
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



75

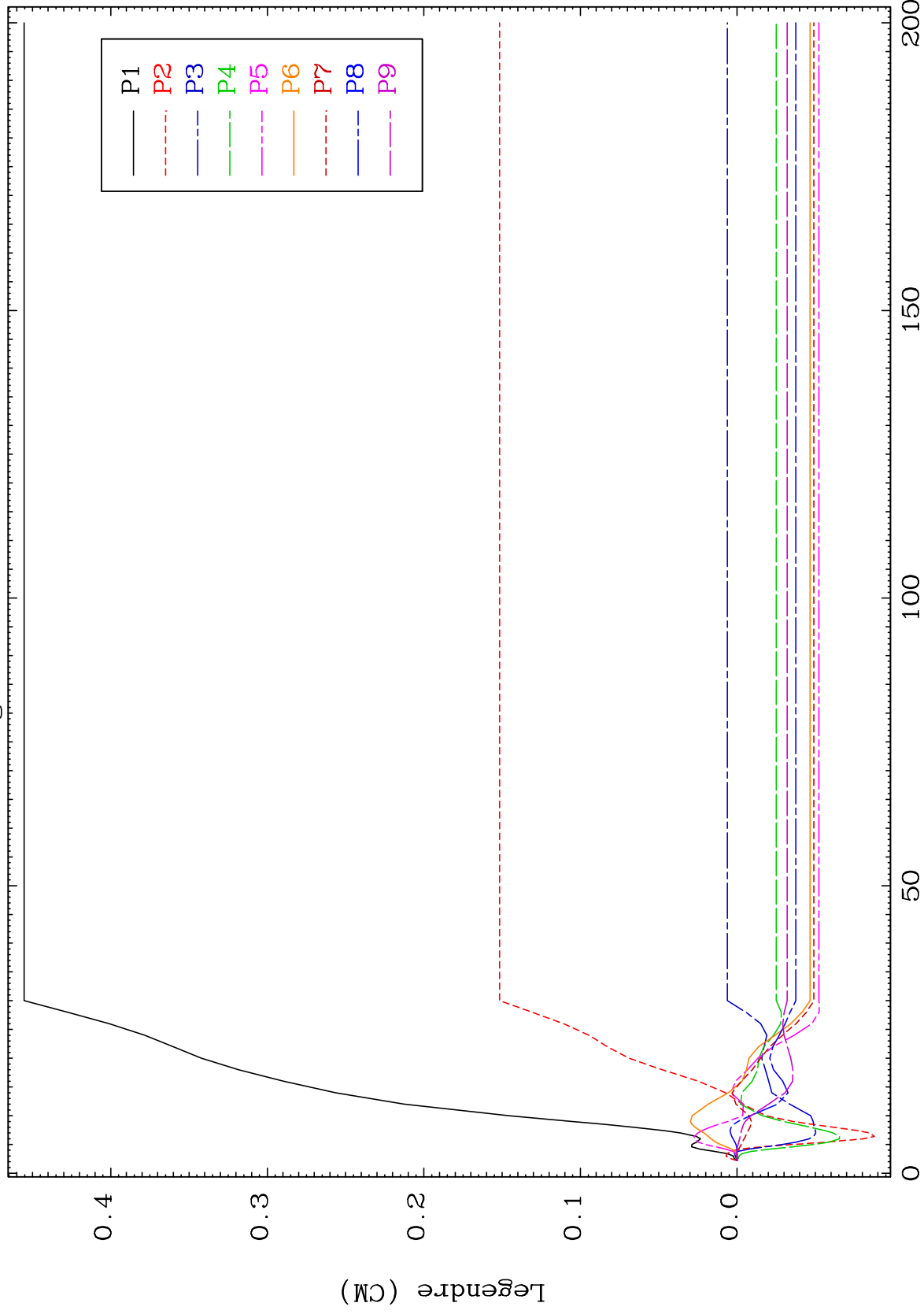
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



76

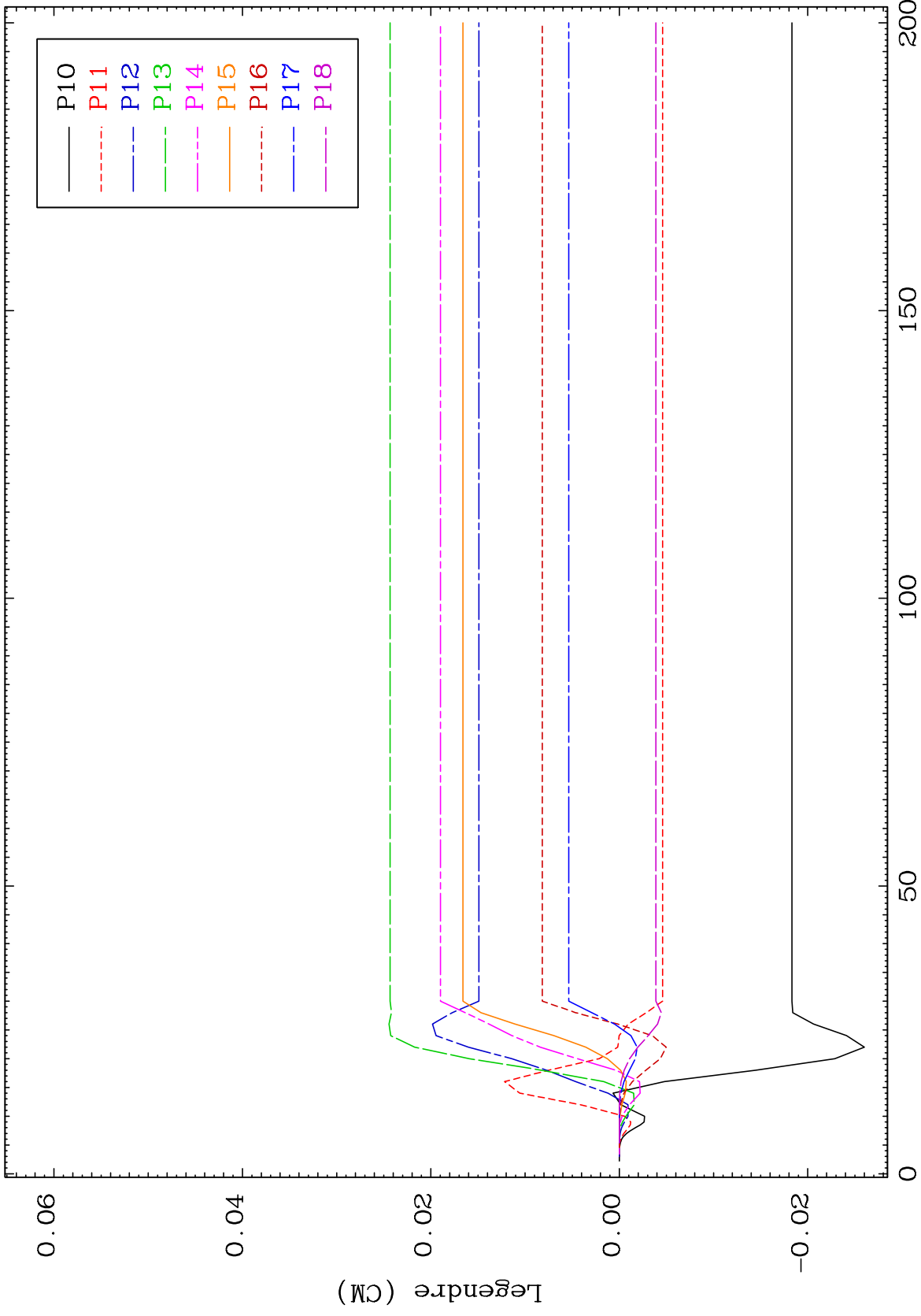
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



77

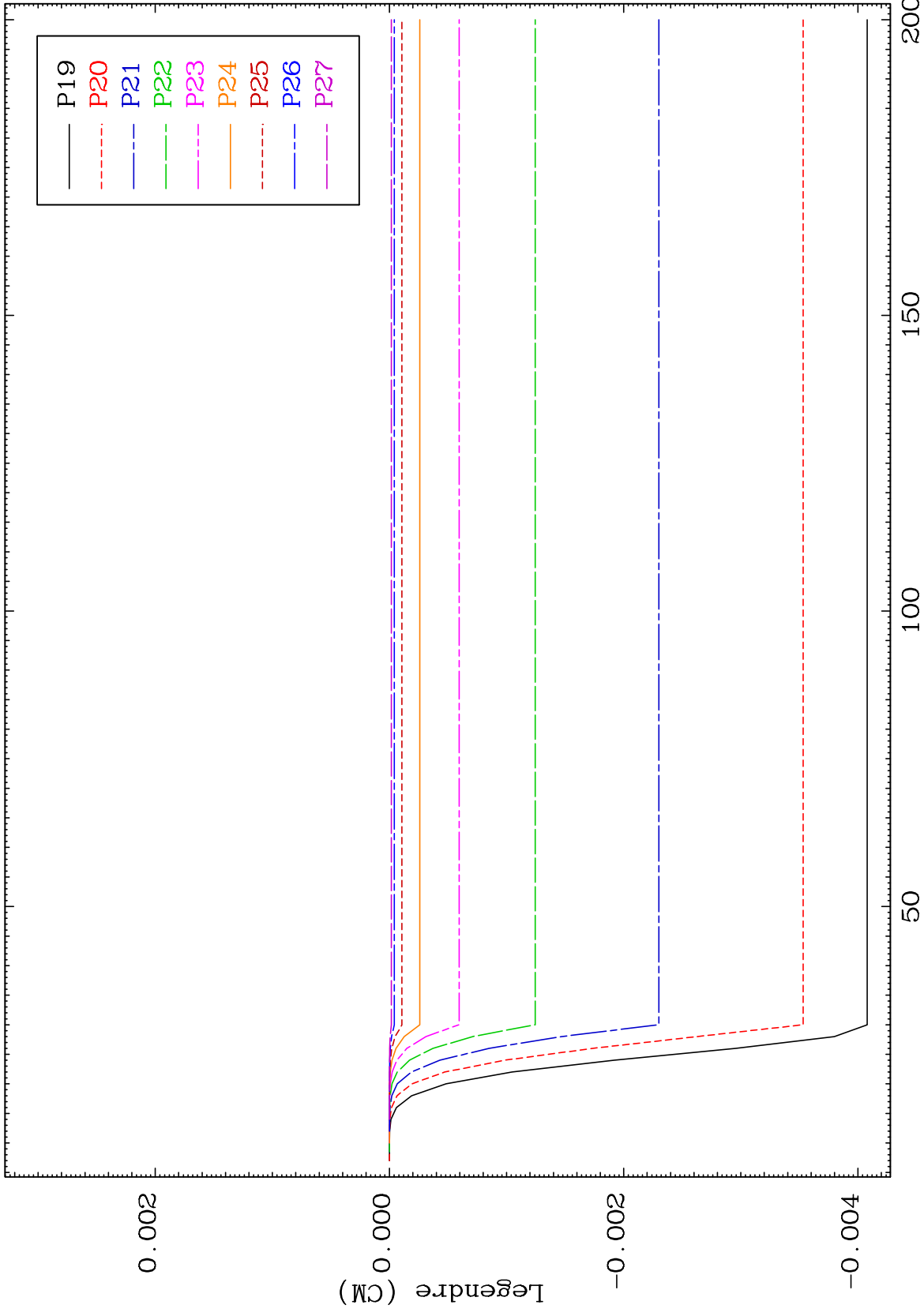
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



78

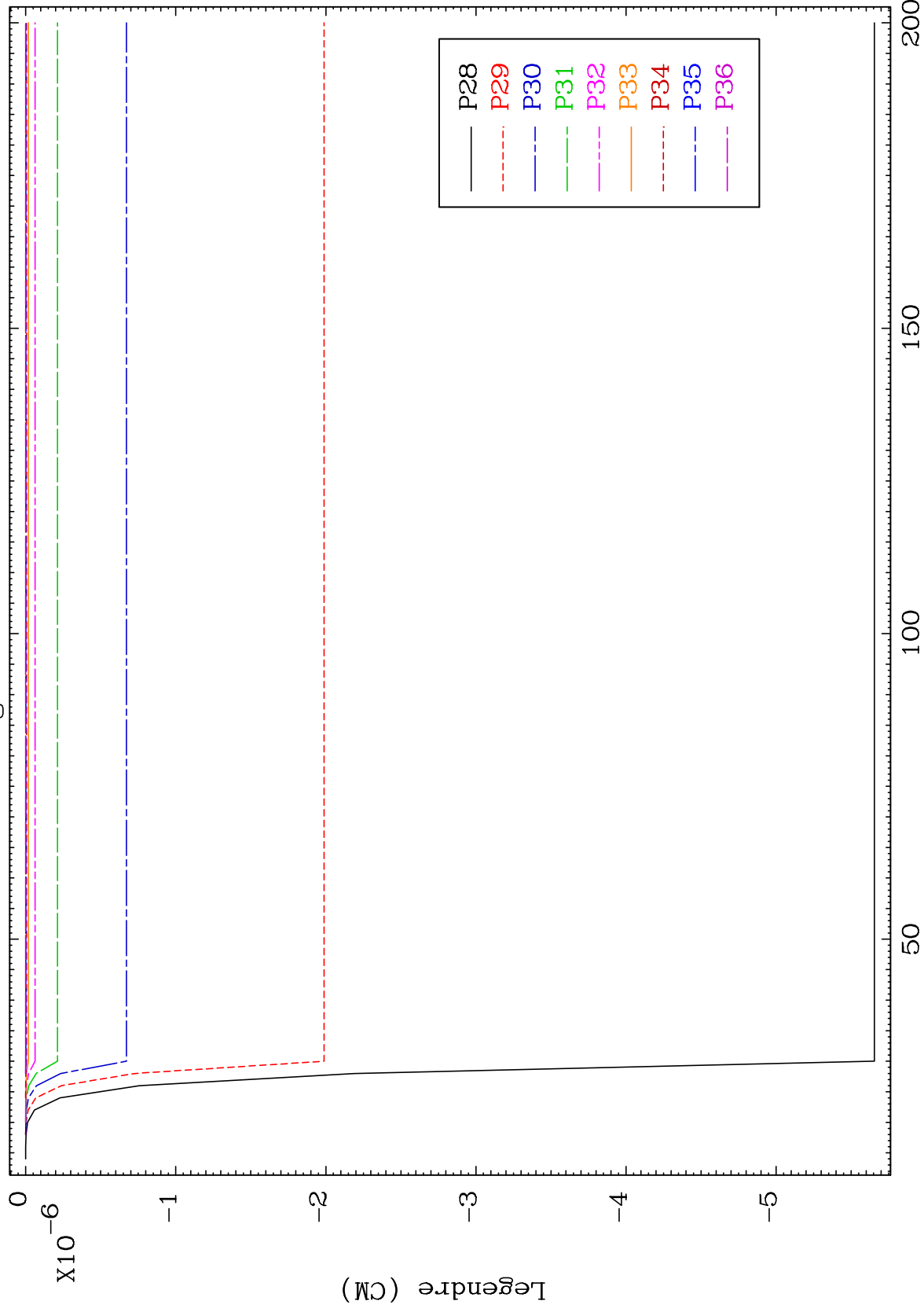
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



79

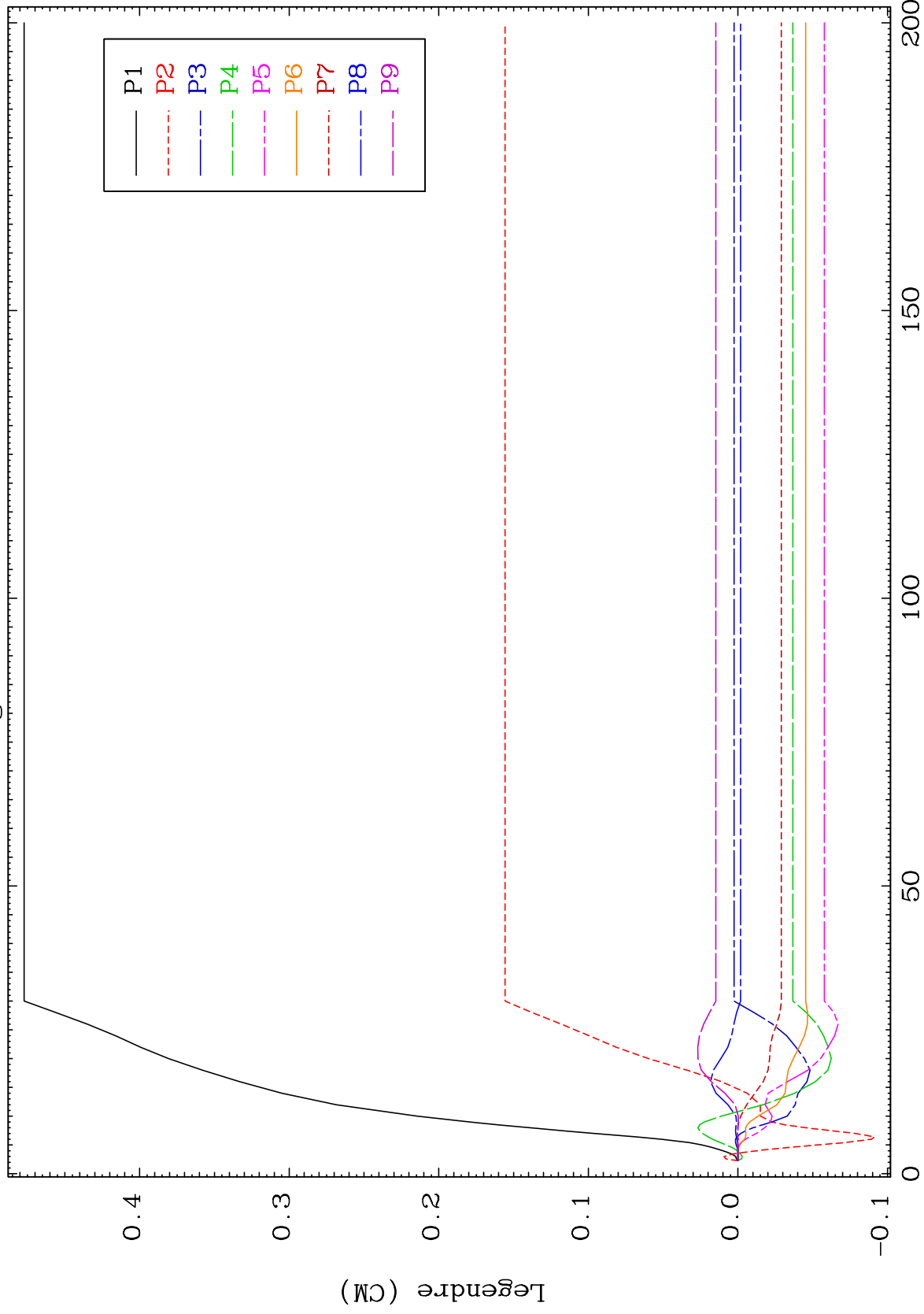
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



66-Dy-149

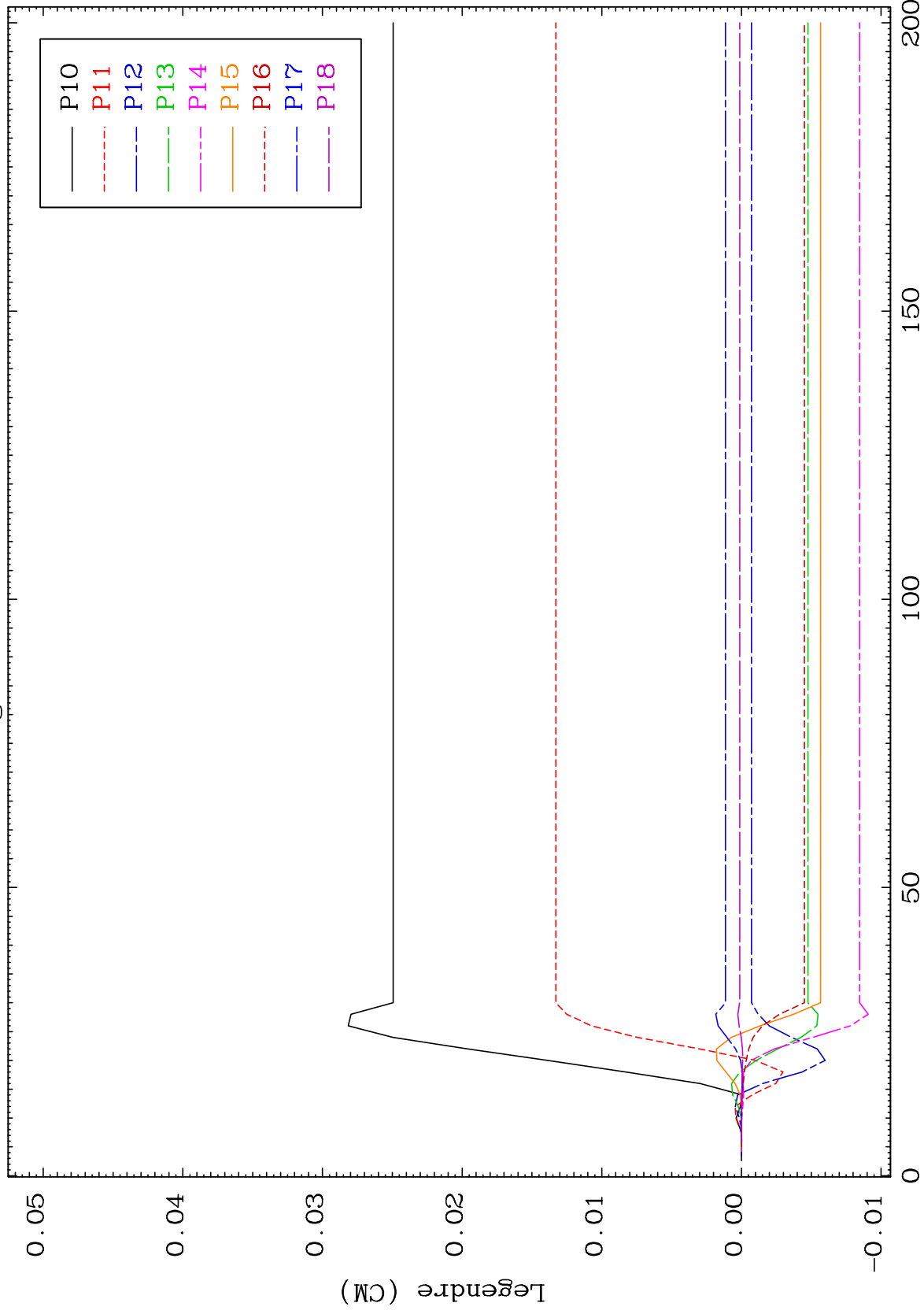
Incident Energy (MeV)

80

MAT 6604

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

66-Dy-149



81

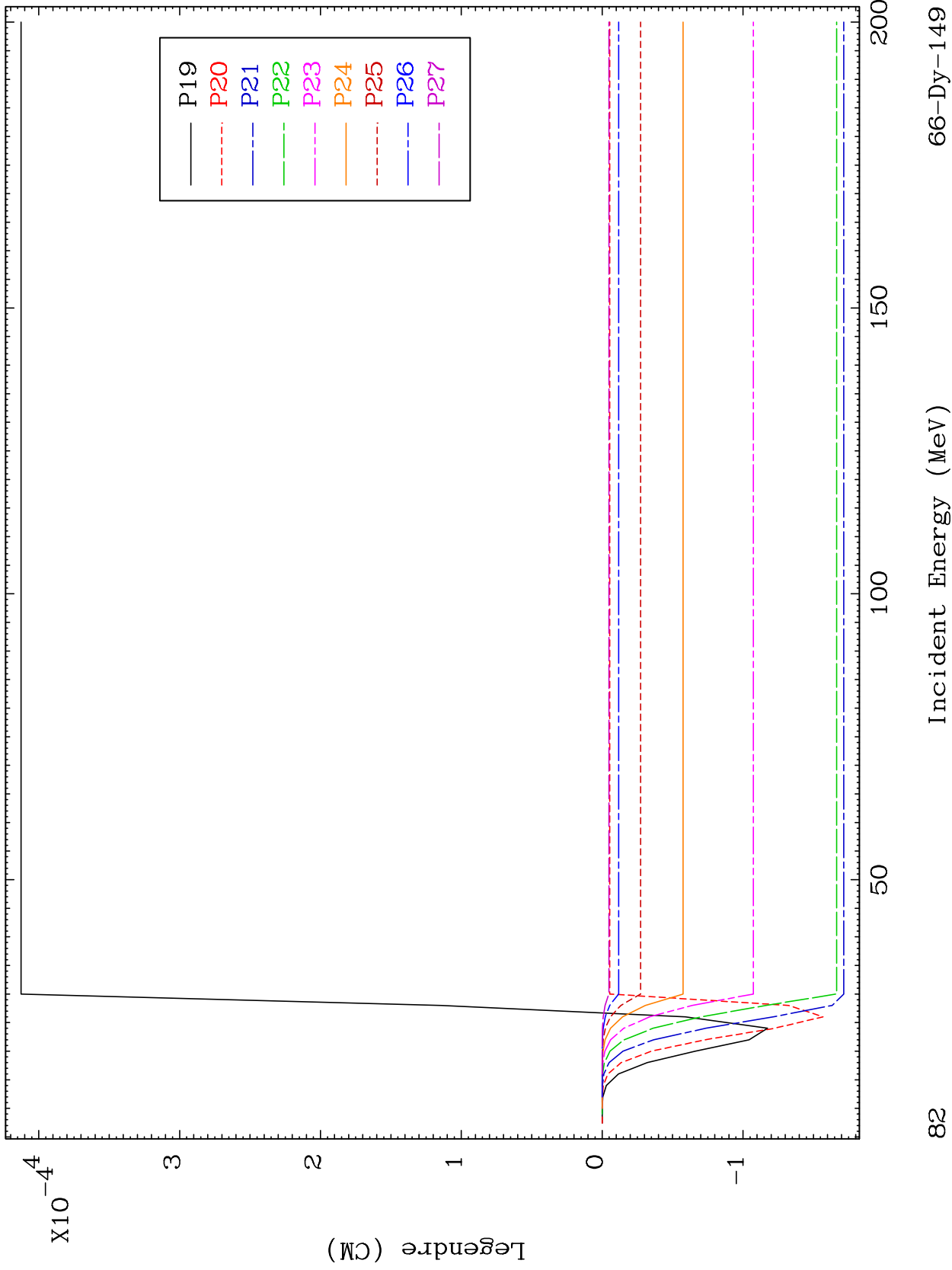
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

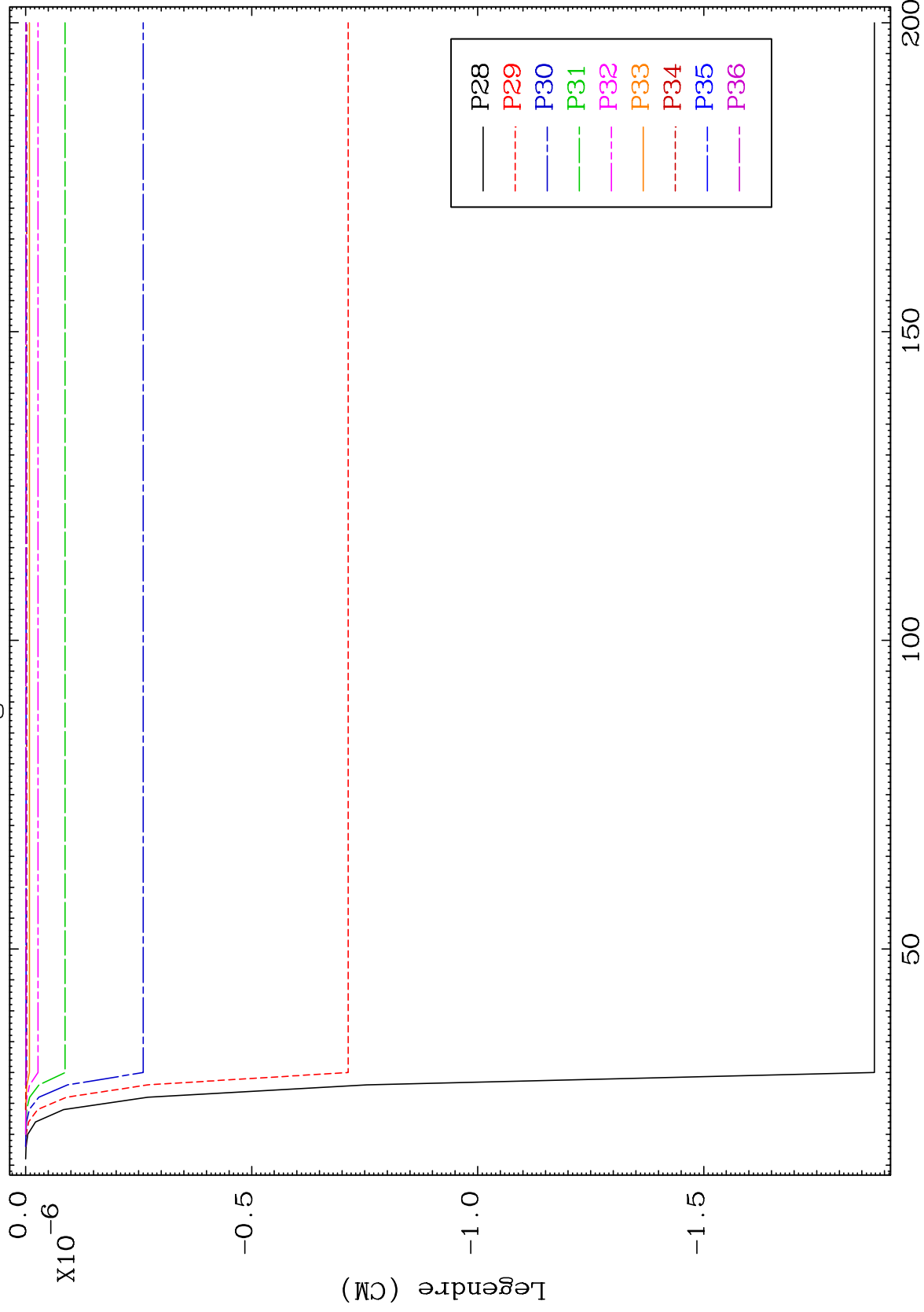
66-Dy-149



MAT 6604

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

66-Dy-149



83

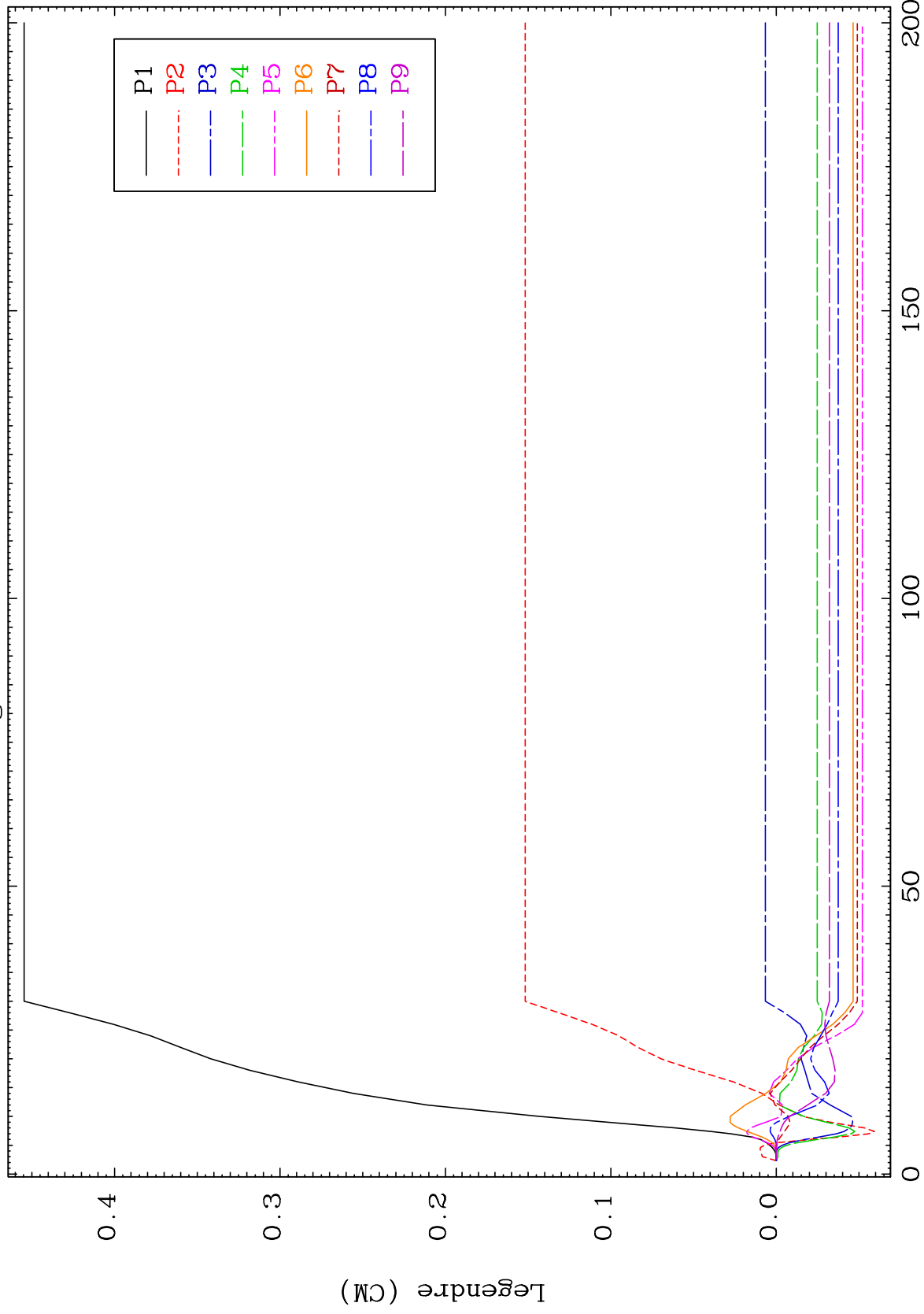
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



84

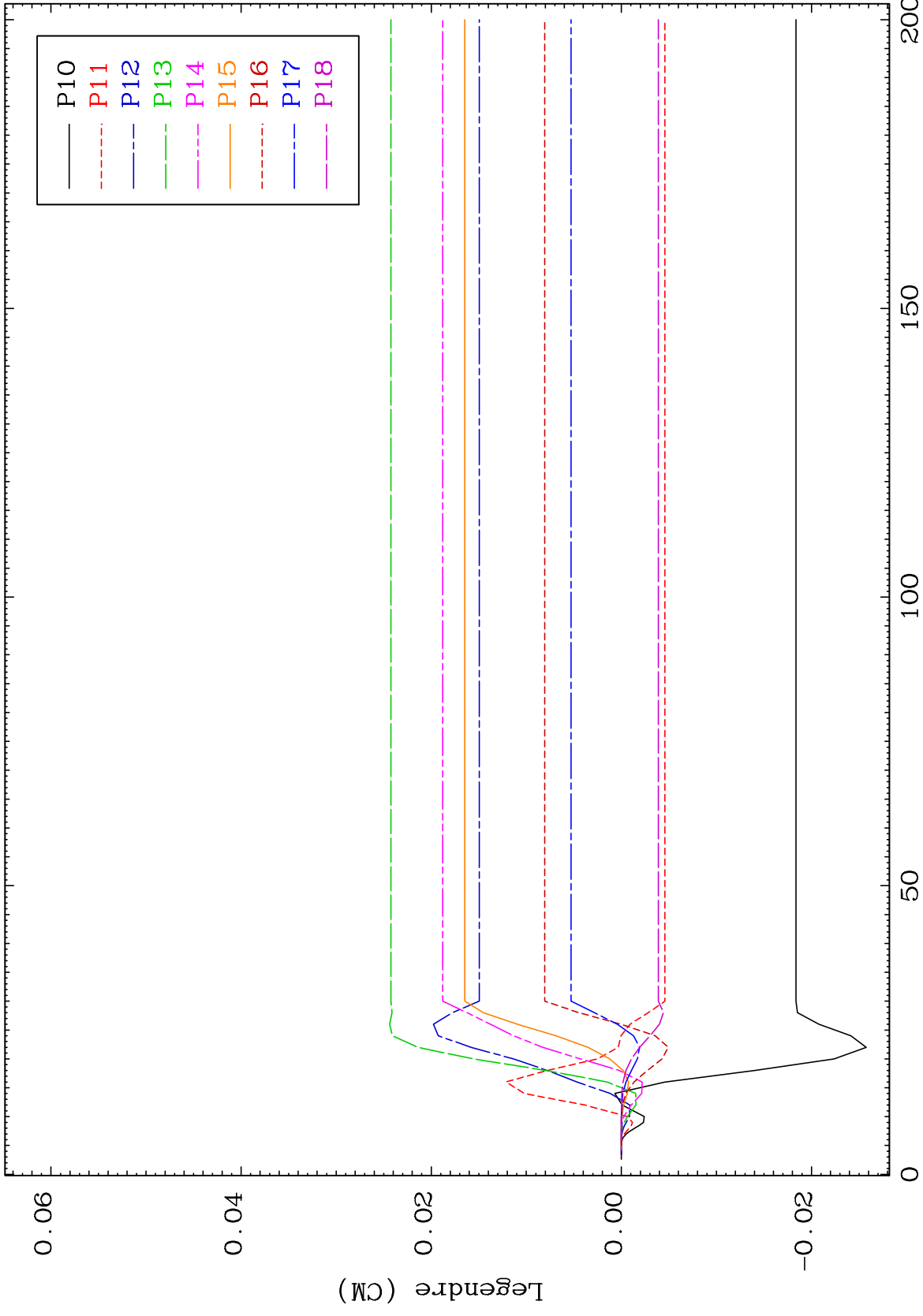
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



85

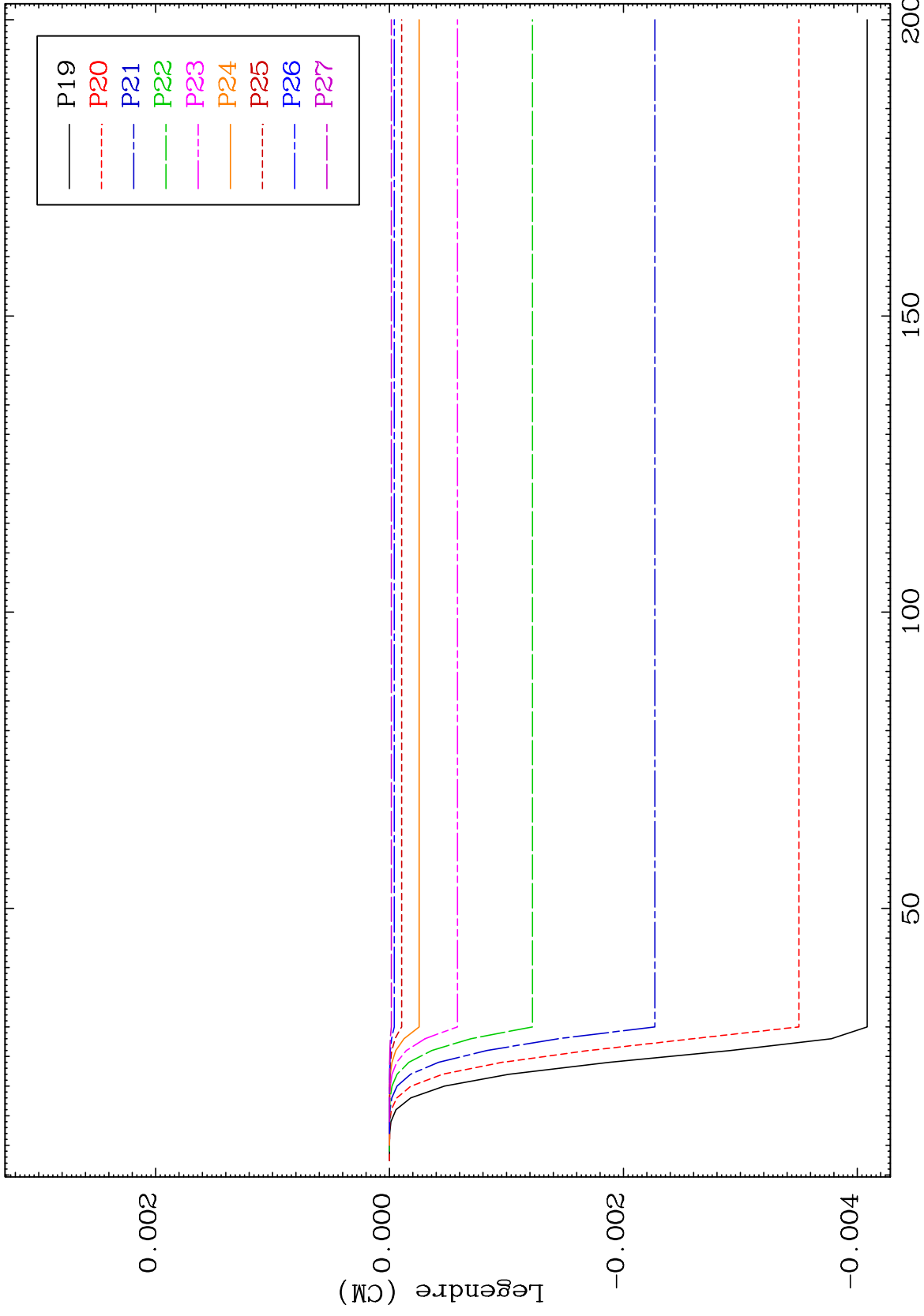
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



86

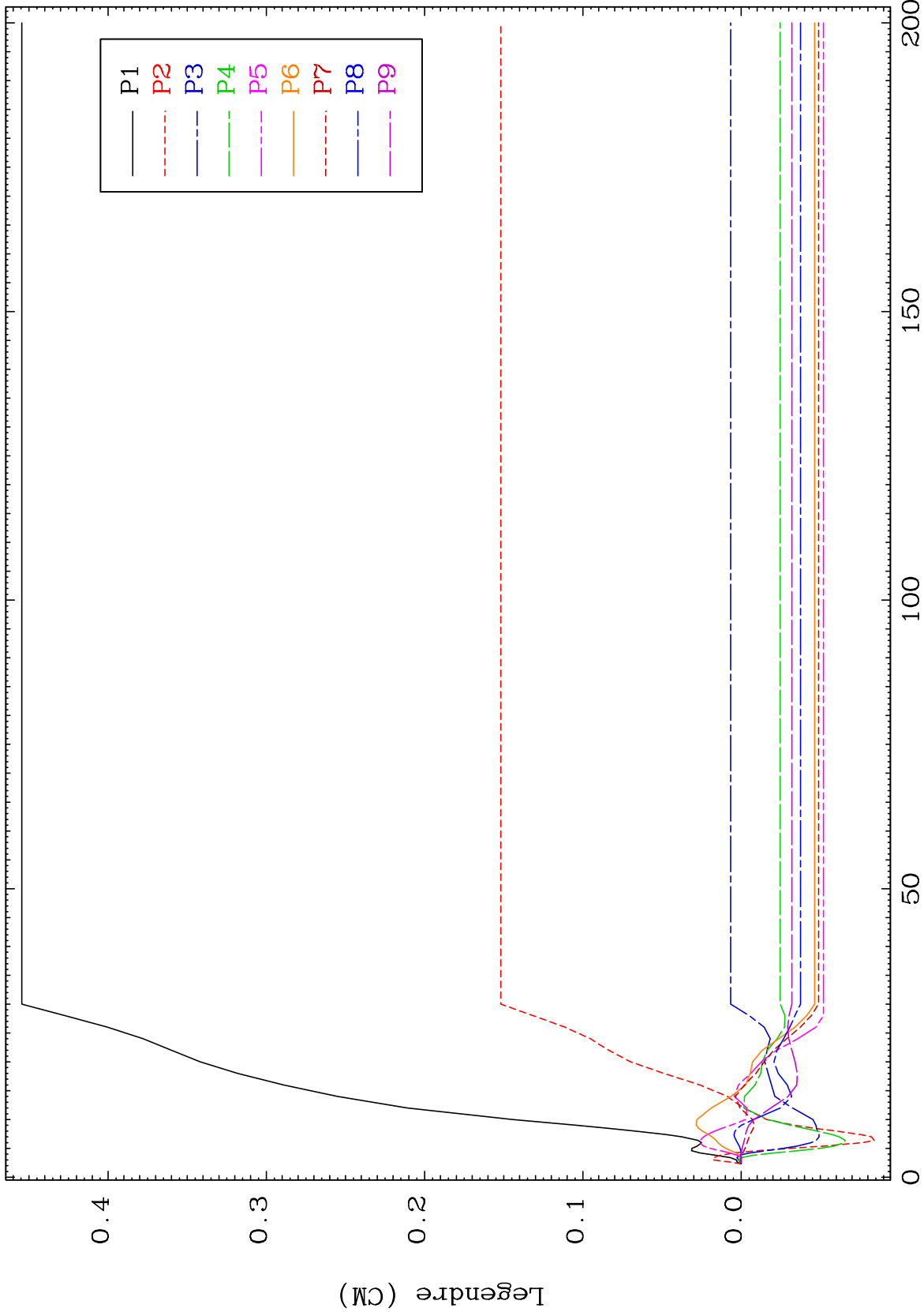
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



88

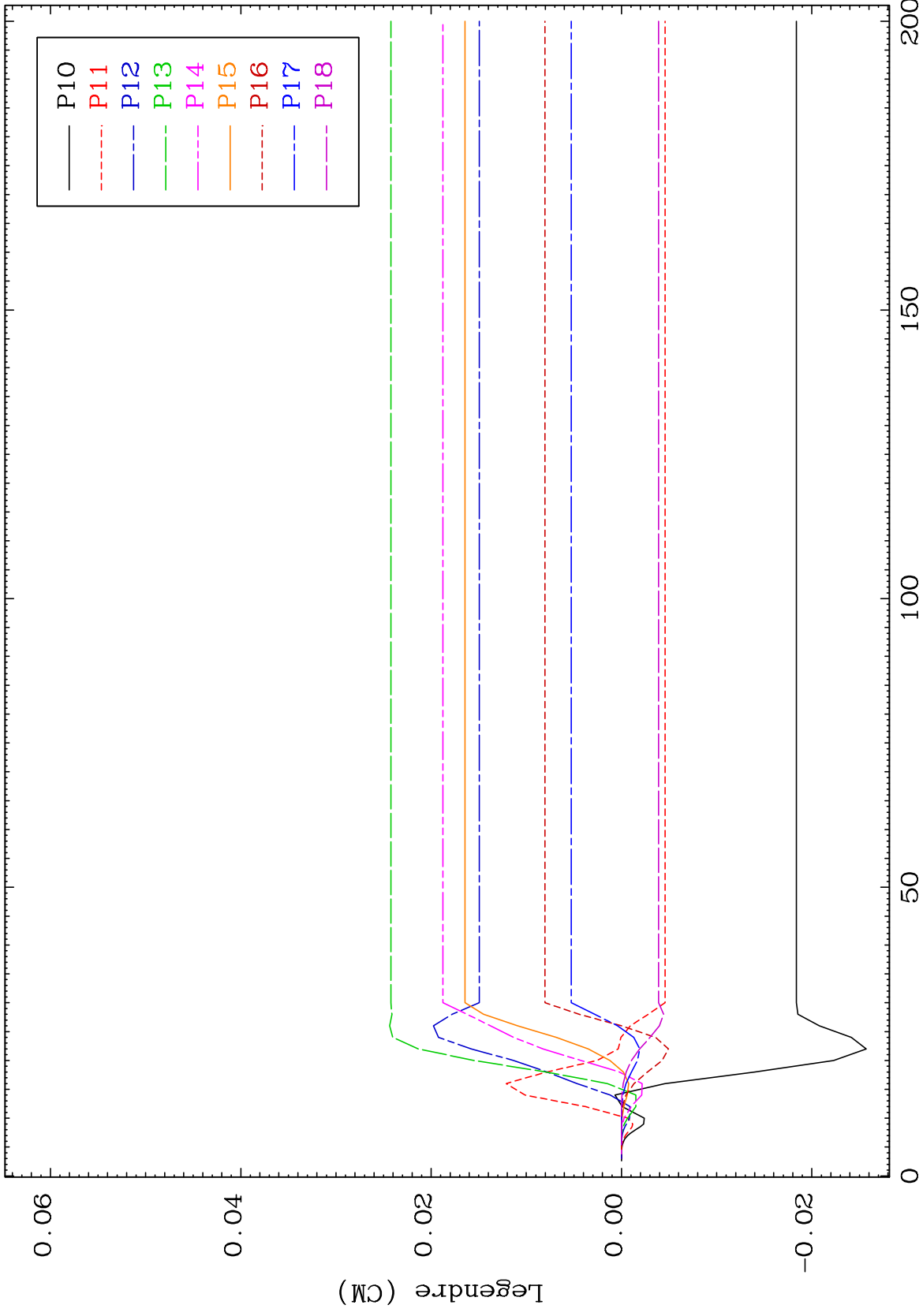
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



89

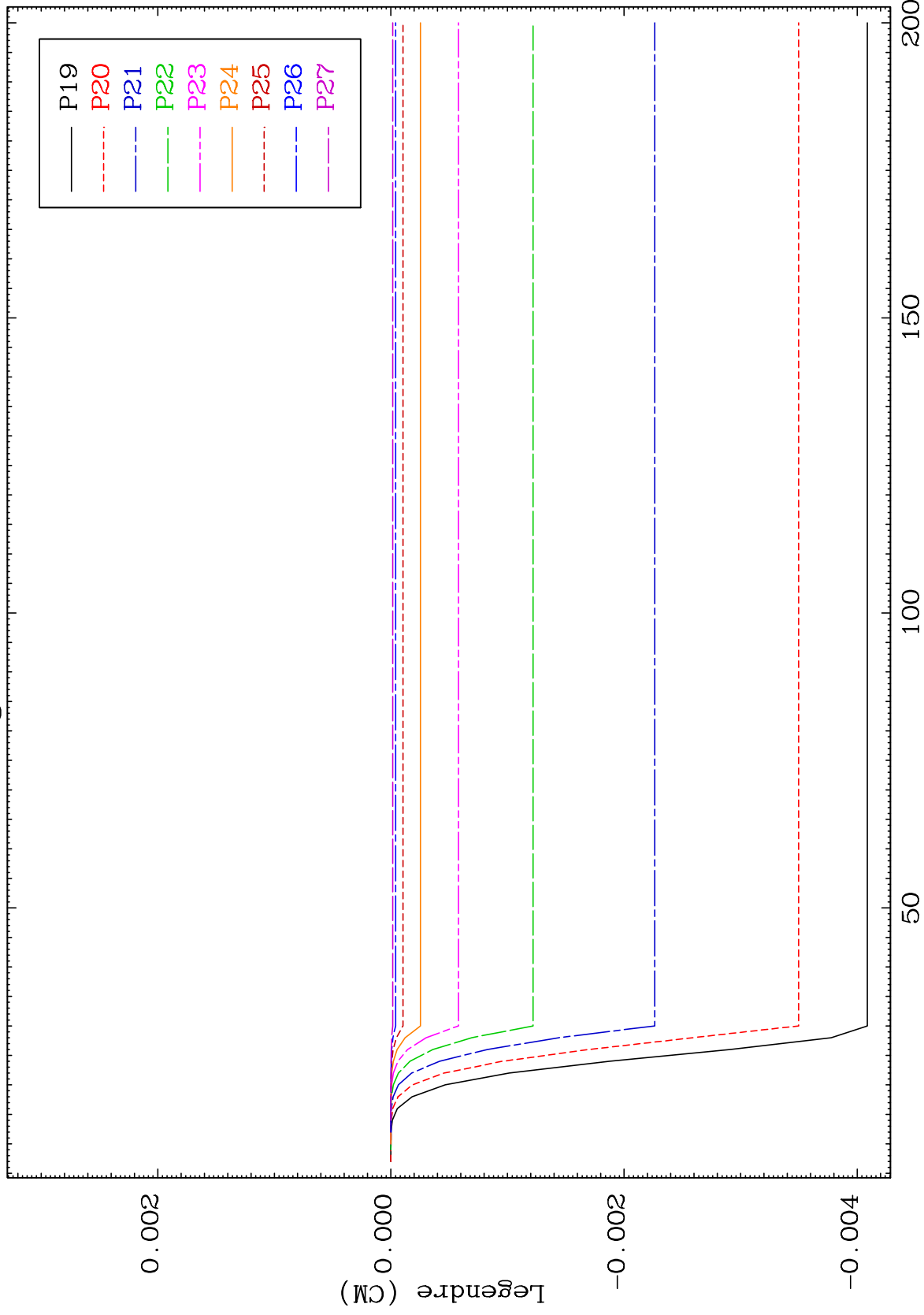
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

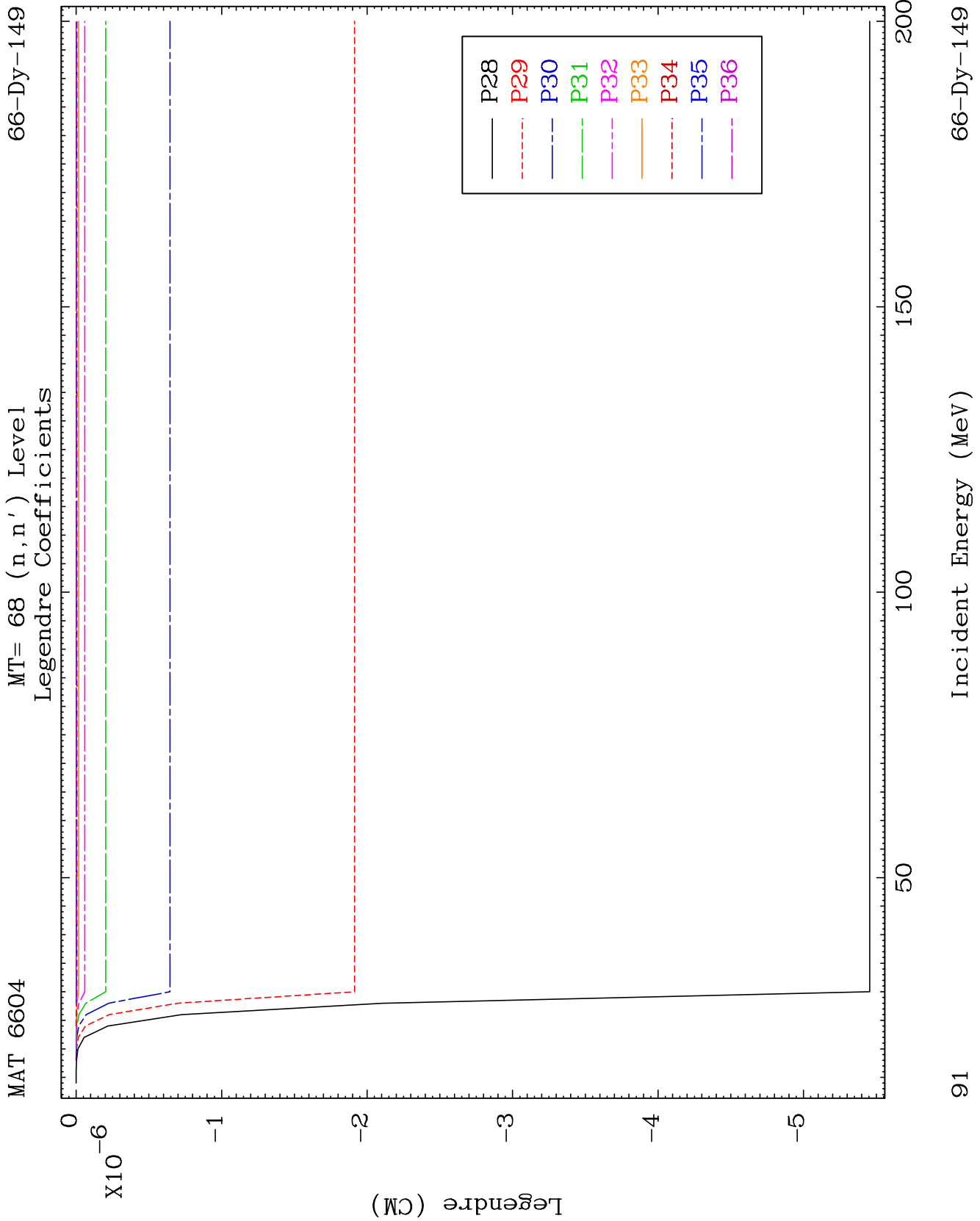
66-Dy-149



90

Incident Energy (MeV)

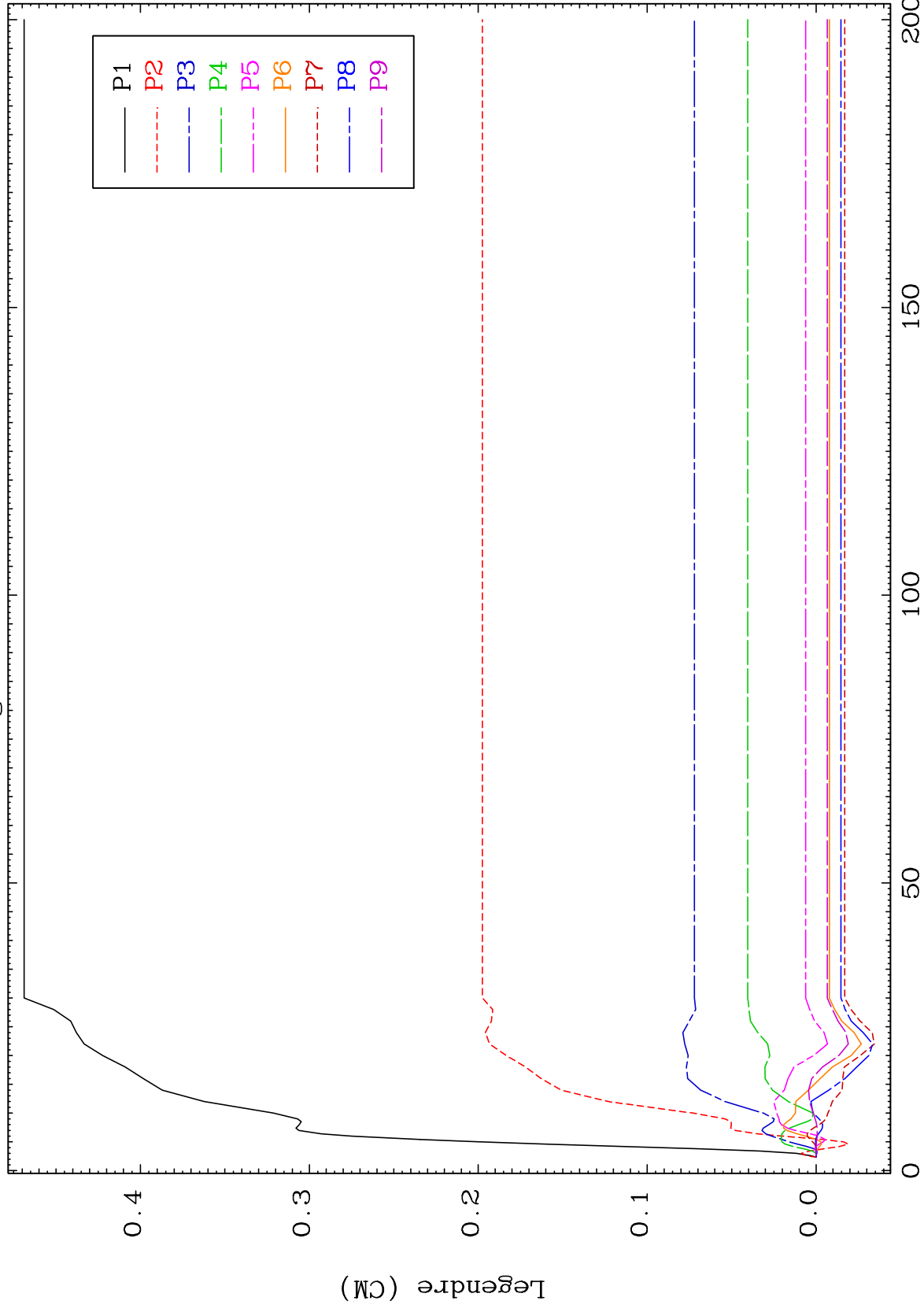
66-Dy-149



MAT 6604

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

66-Dy-149



92

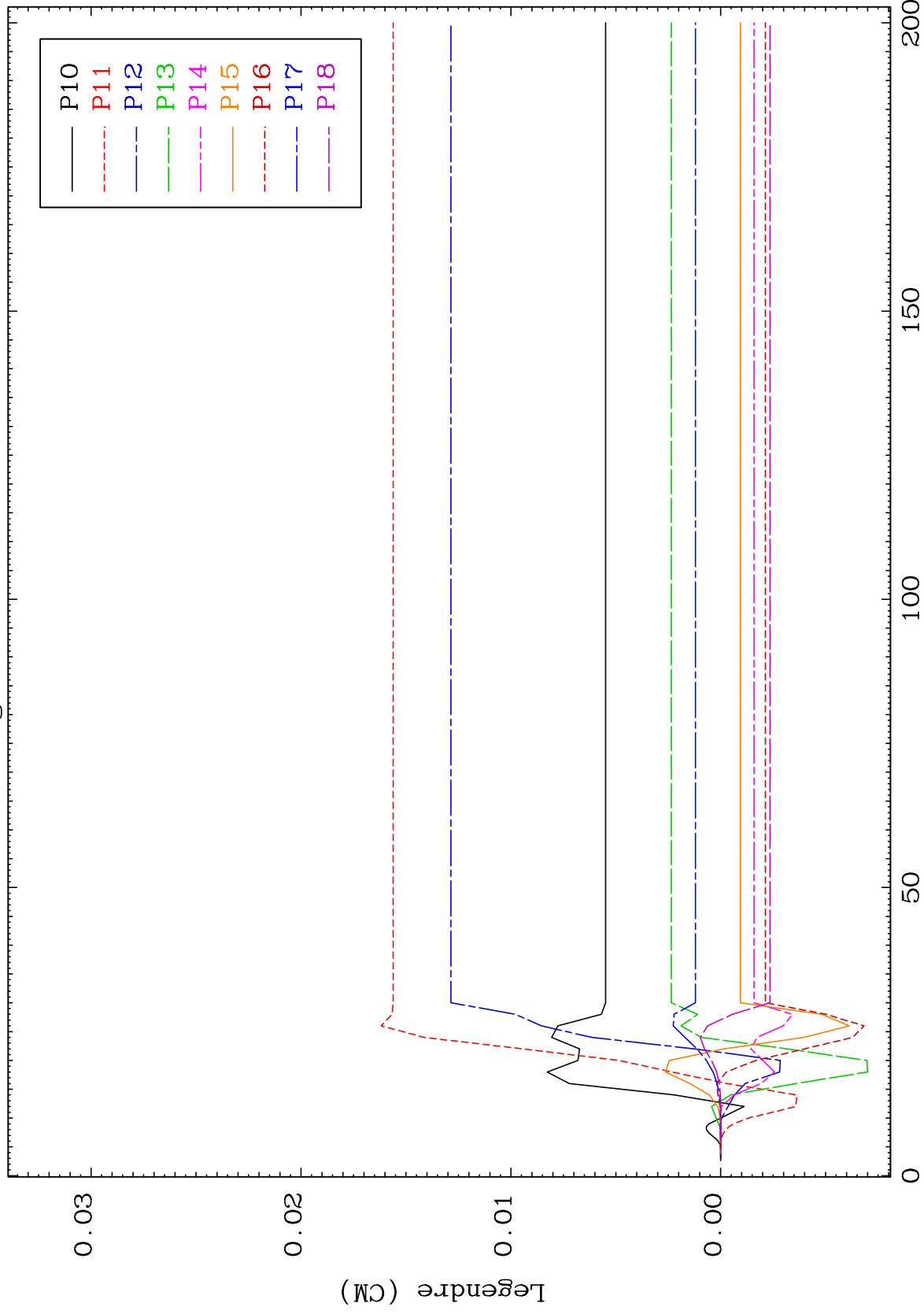
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



93

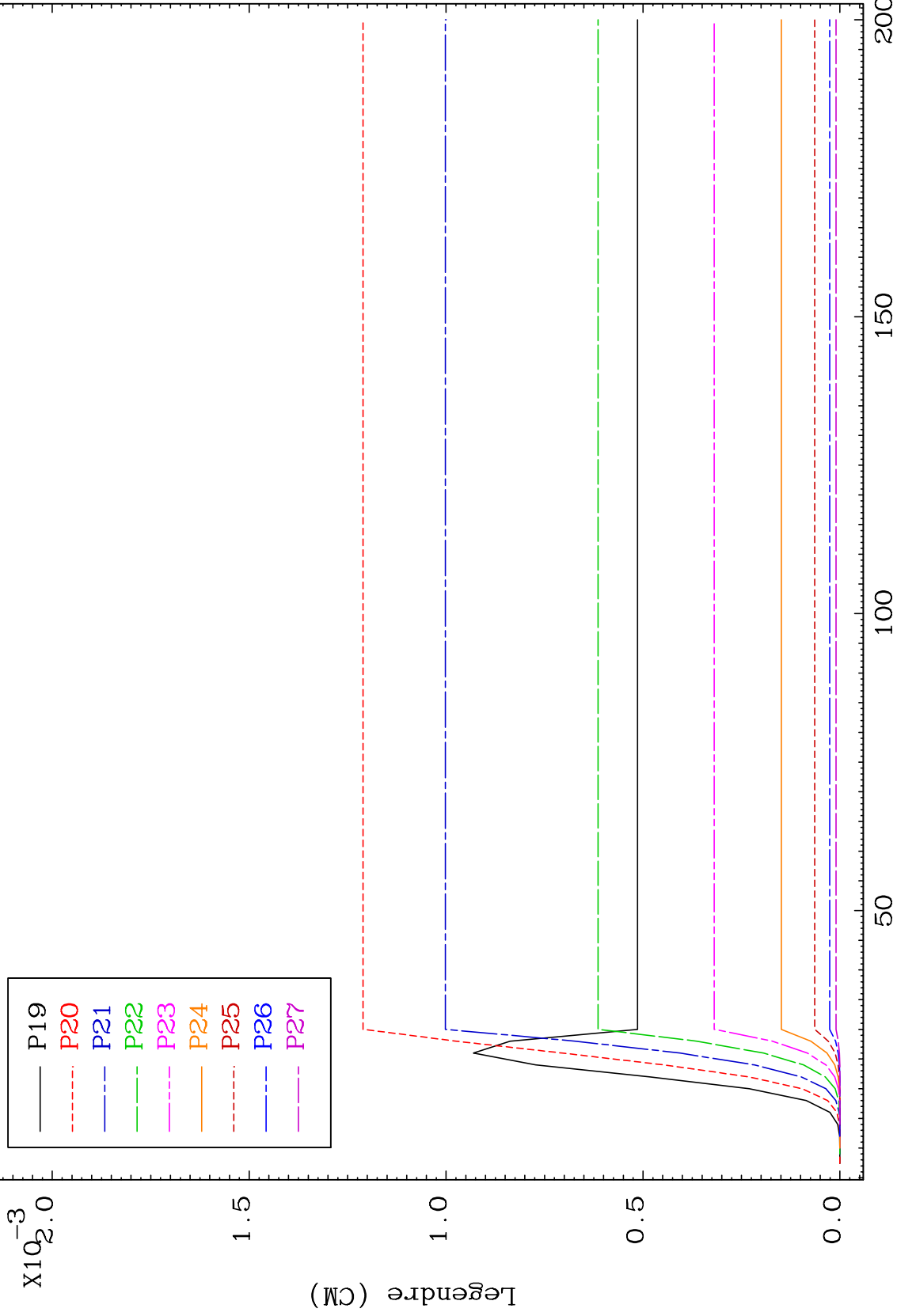
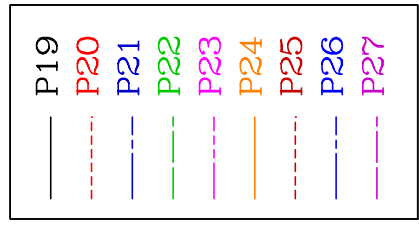
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



94

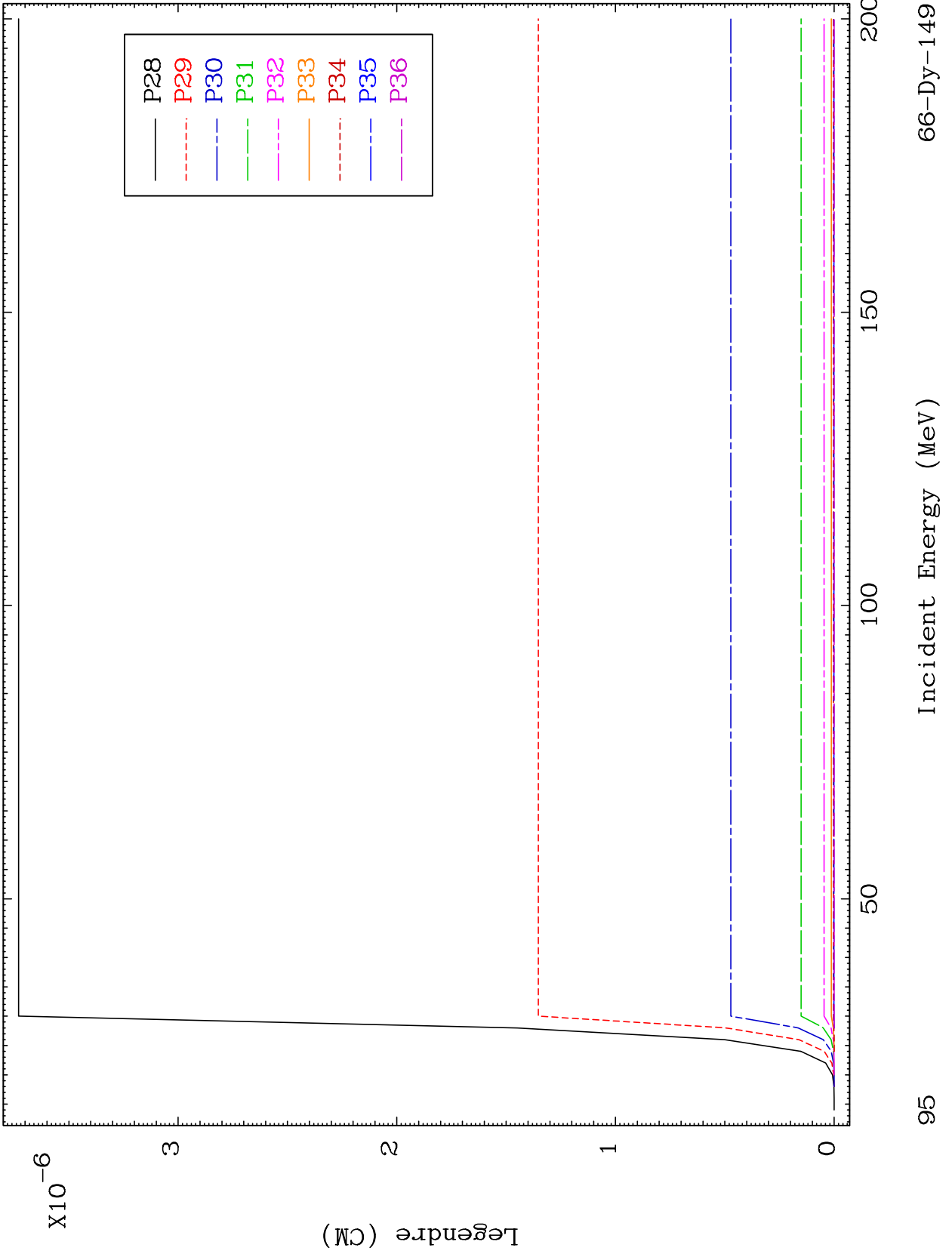
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



95

50

100

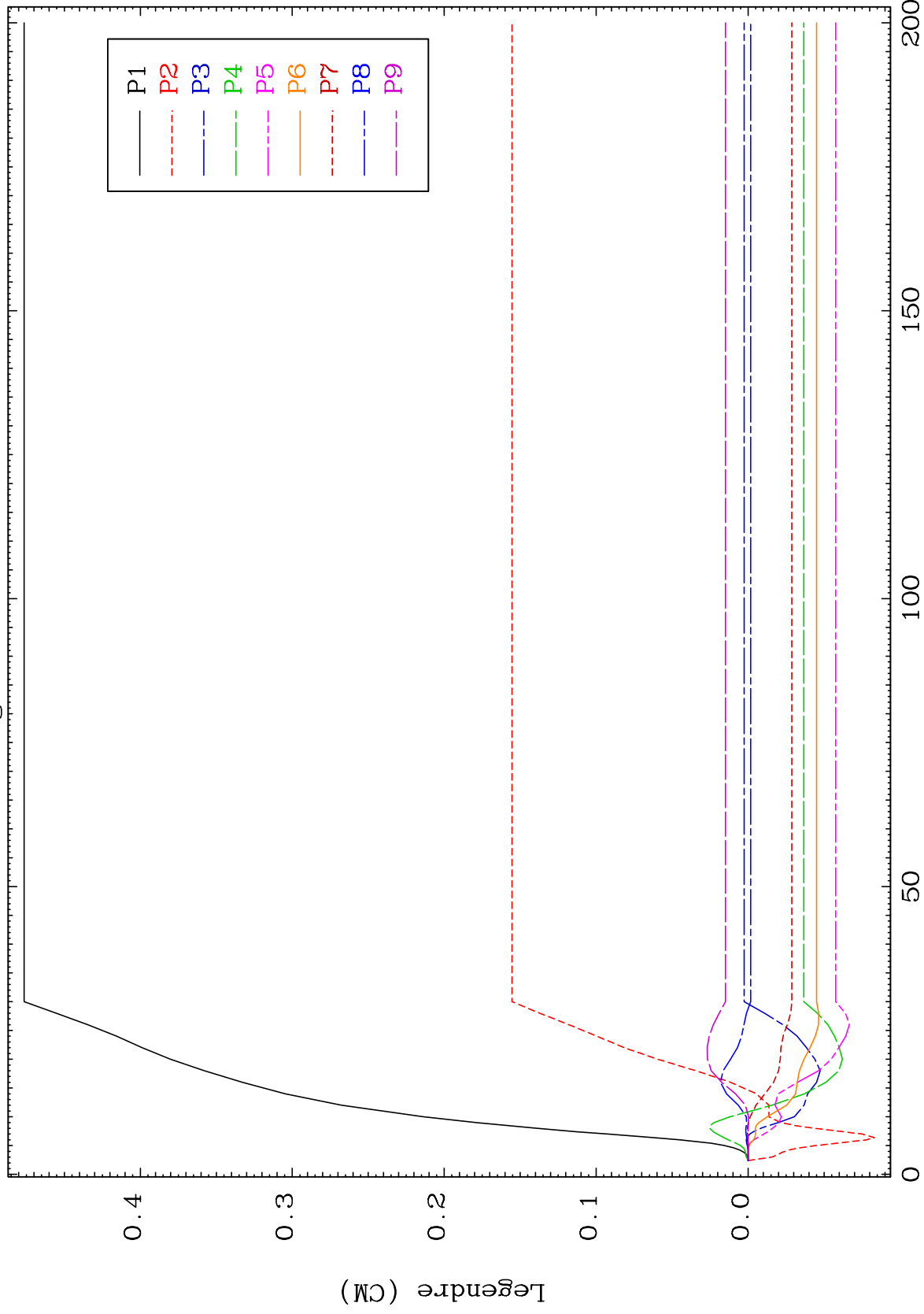
150

200

MAT 6604

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

66-Dy-149



96

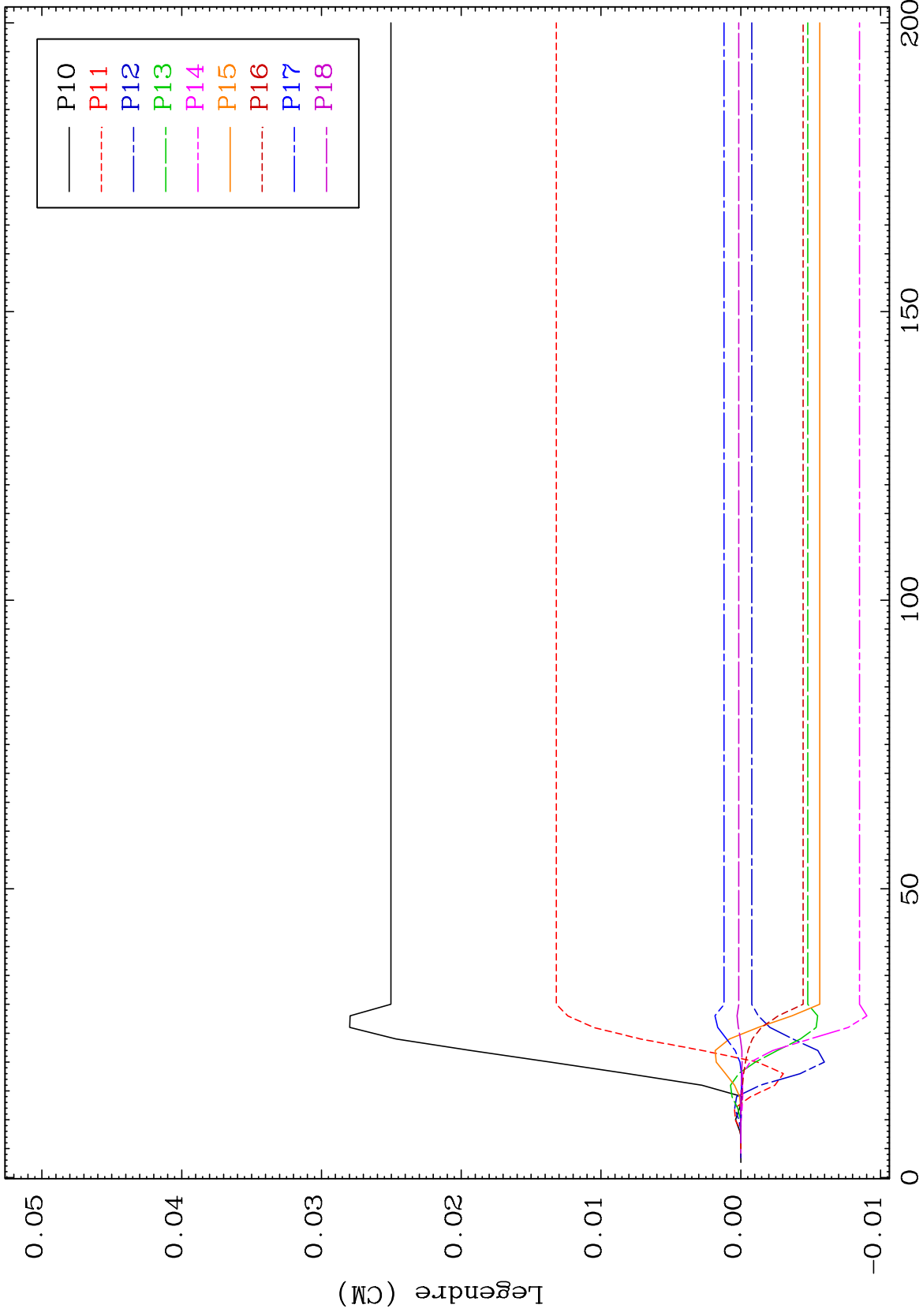
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



97

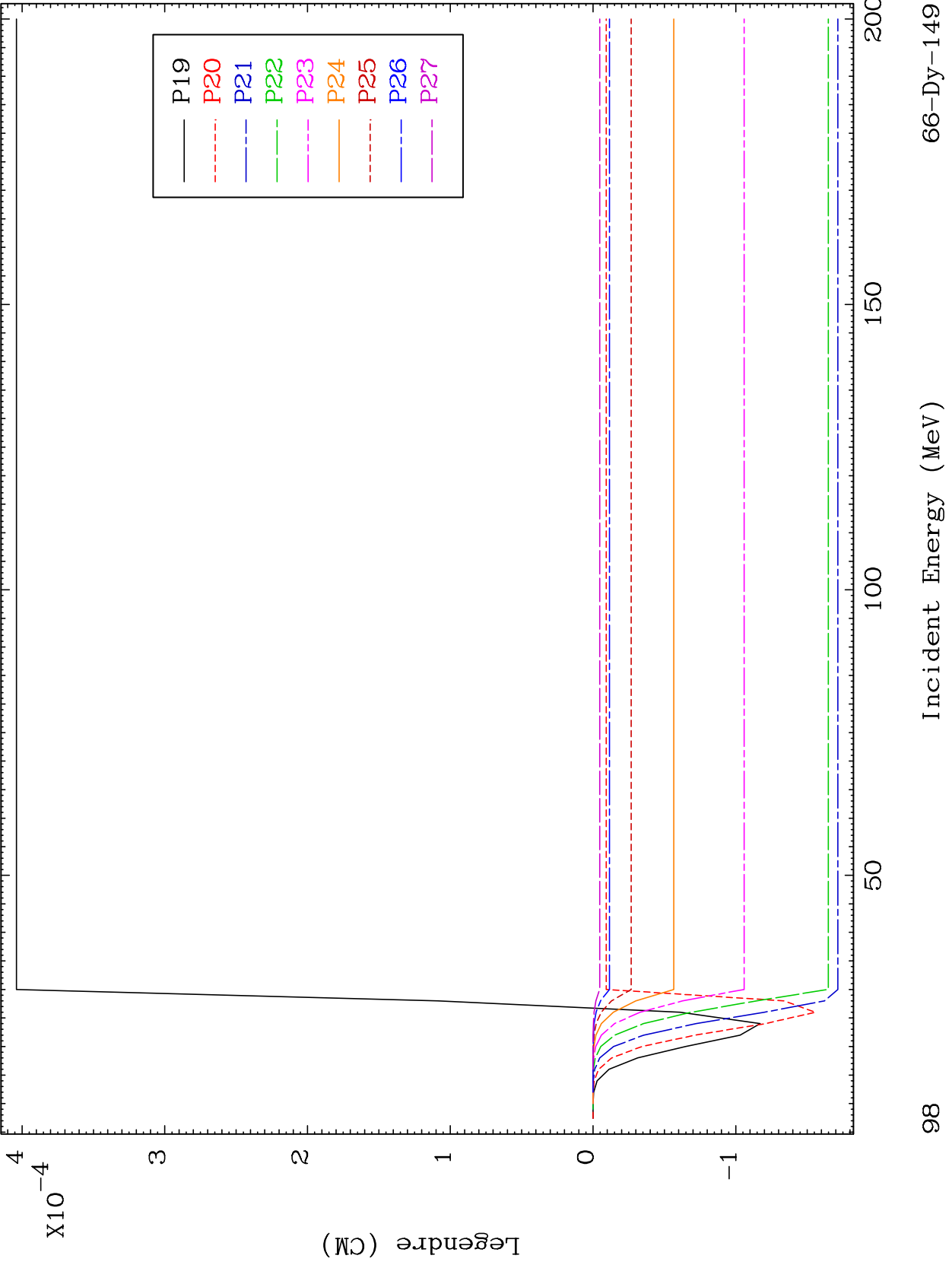
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

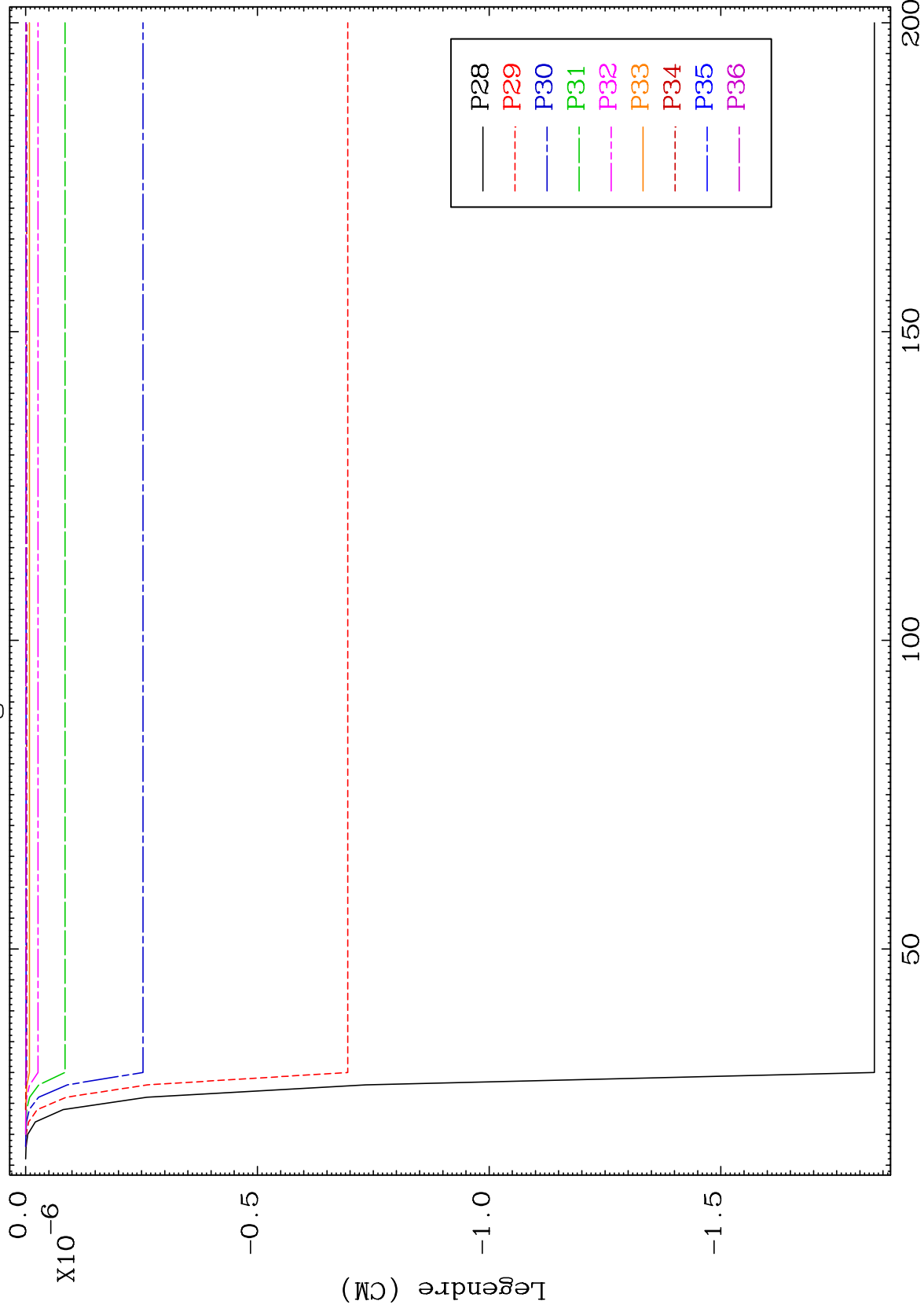
66-Dy-149



MAT 6604

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

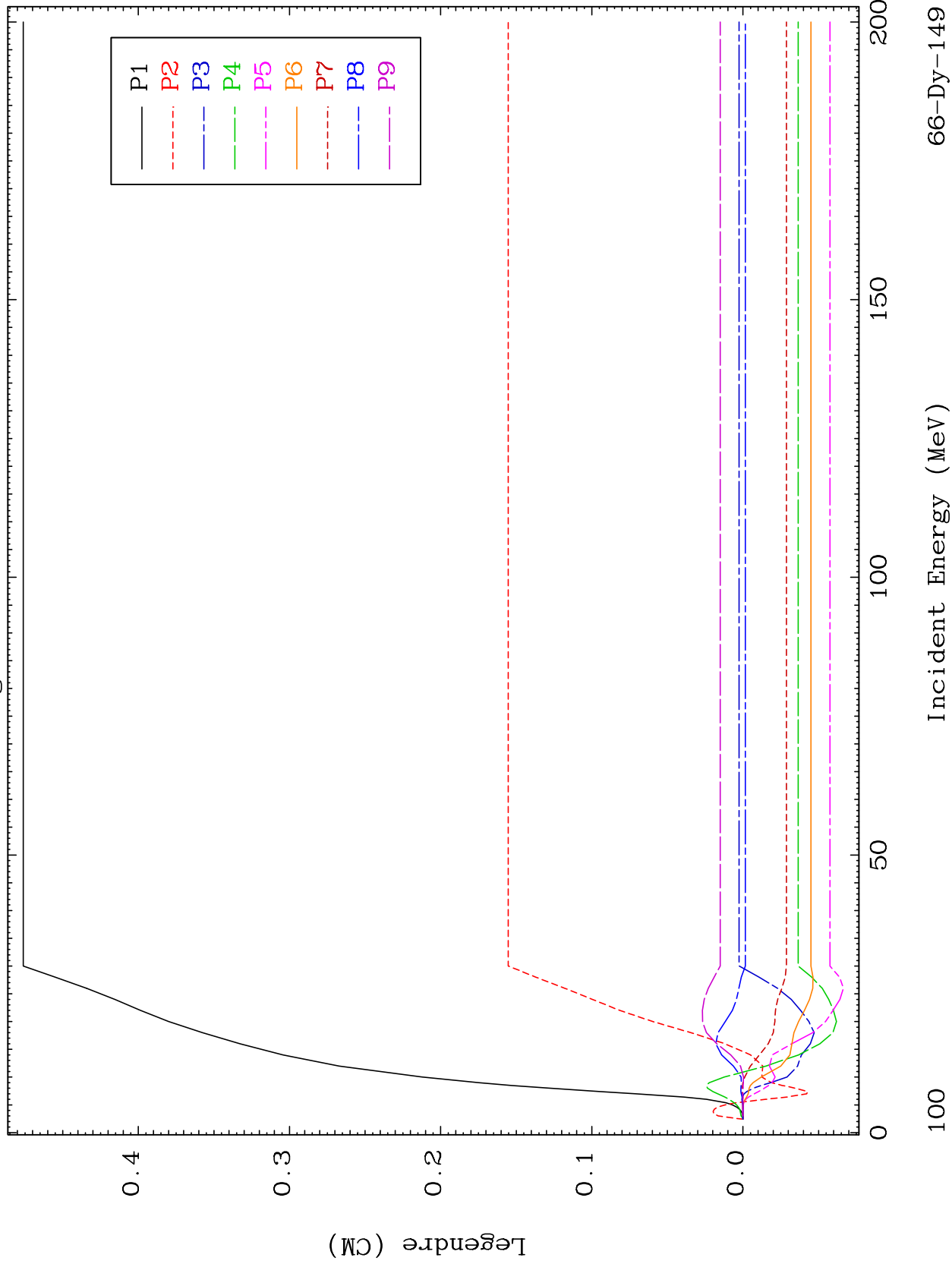
66-Dy-149



MAT 6604

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

66-Dy-149



66-Dy-149

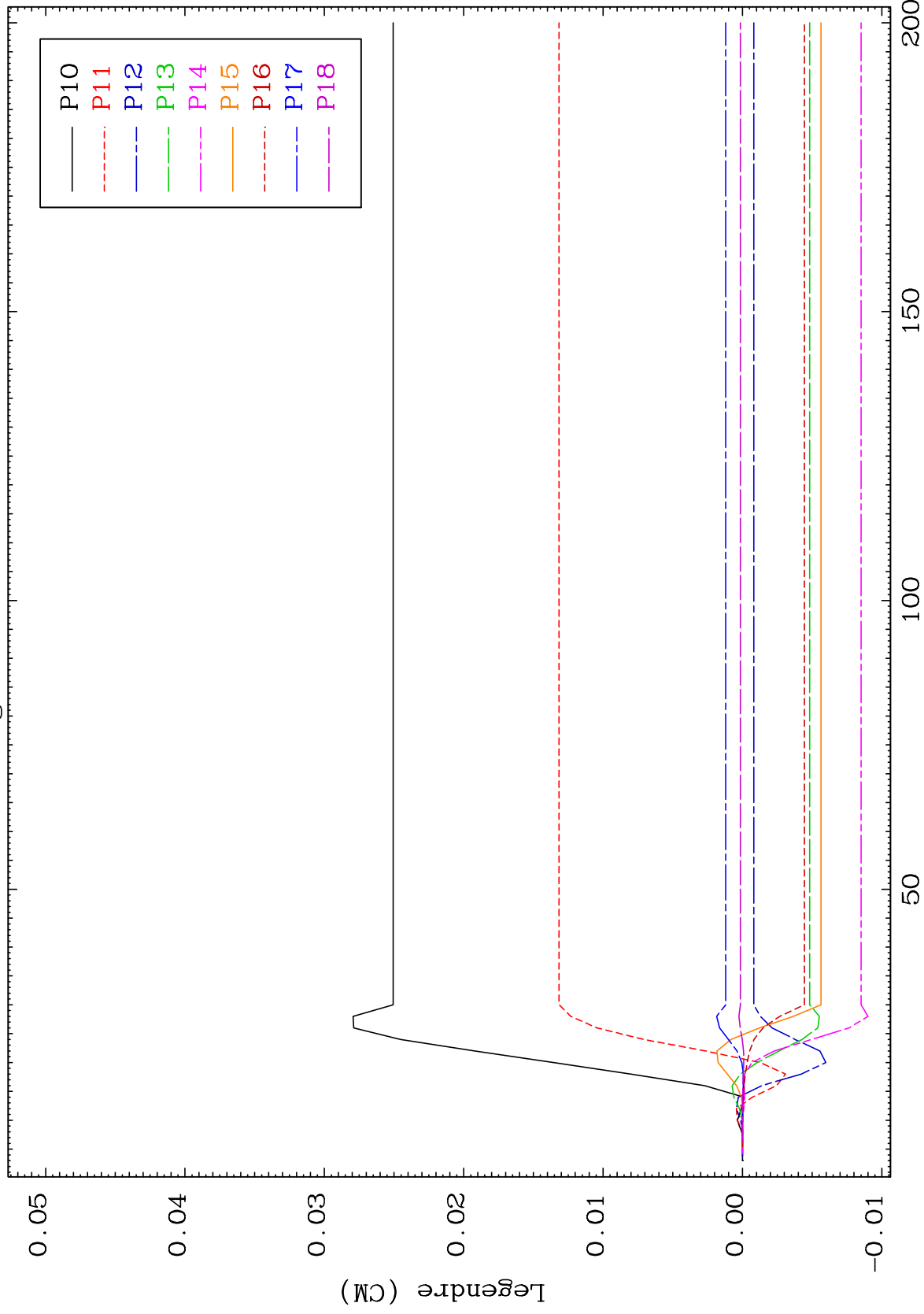
Incident Energy (MeV)

100

MAT 6604

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

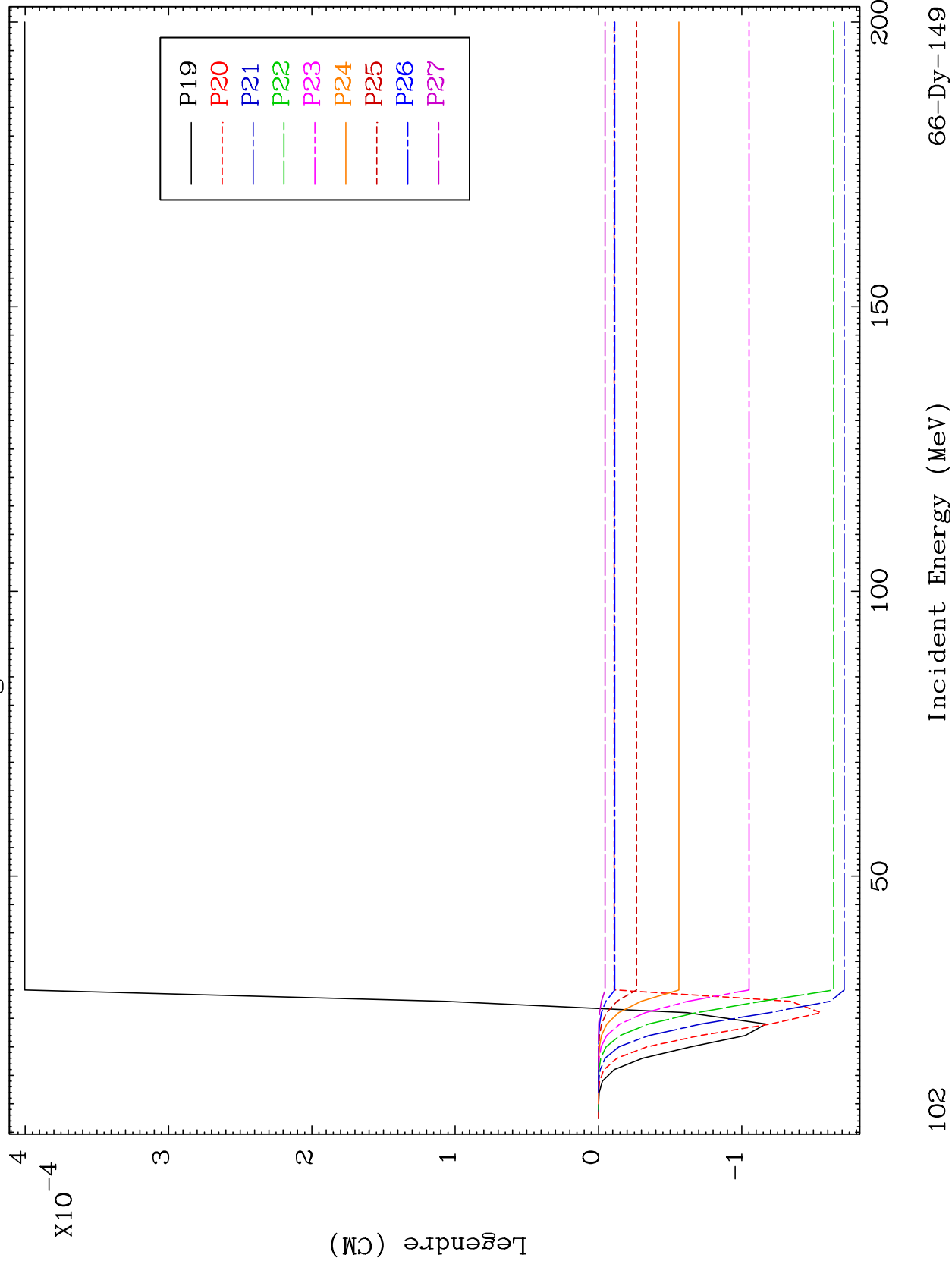
66-Dy-149

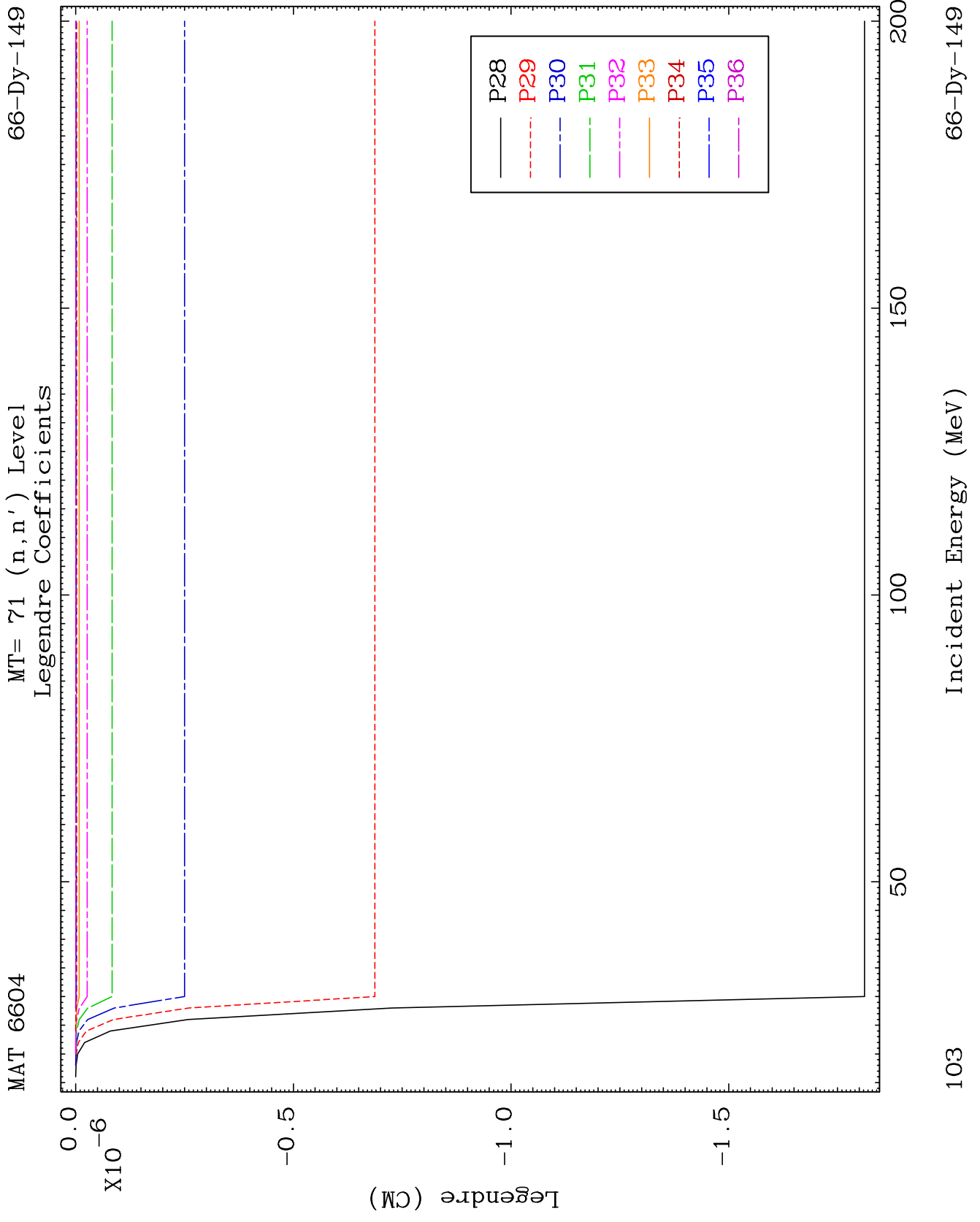


101

Incident Energy (MeV)

66-Dy-149

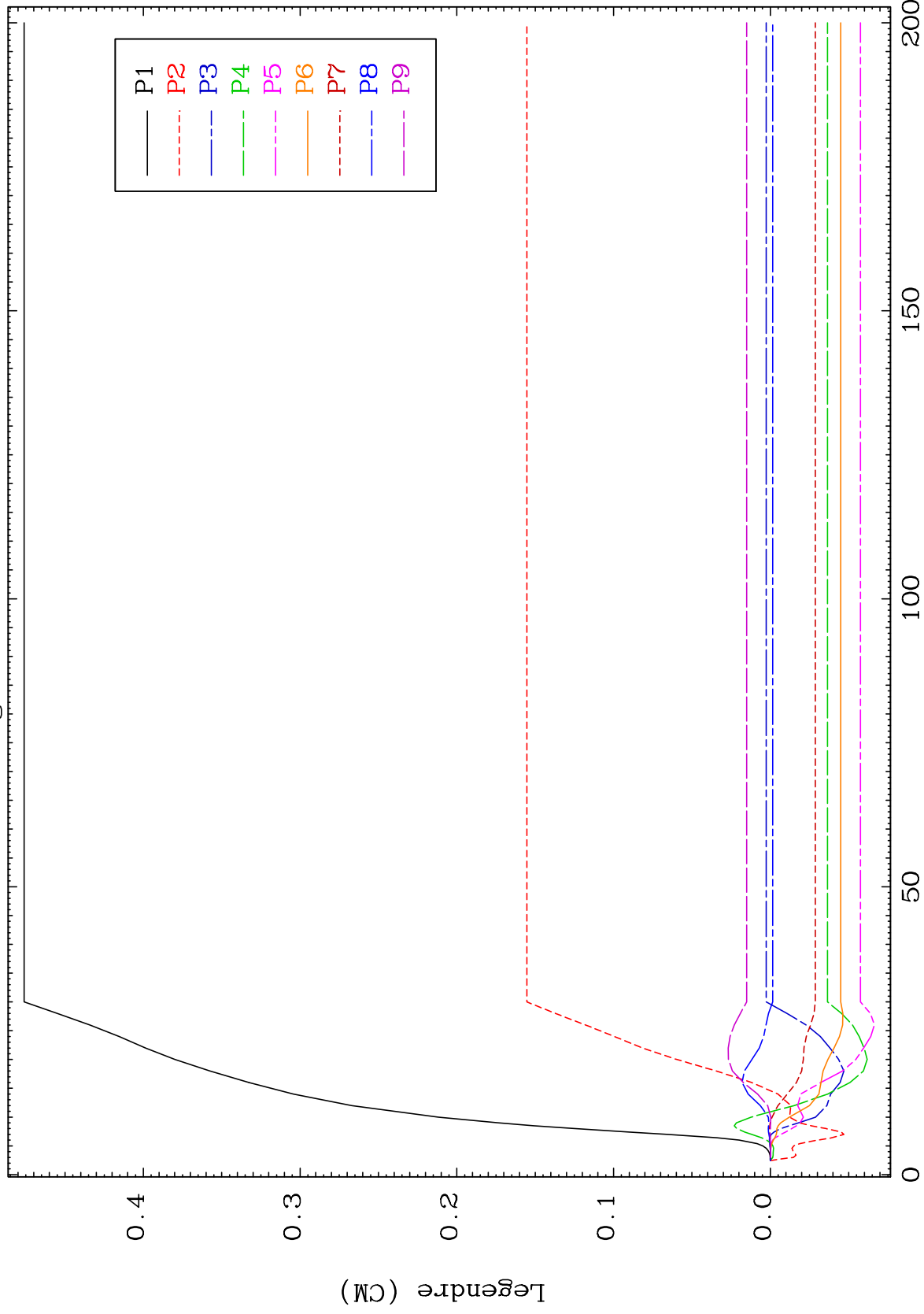




MAT 6604

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

66-Dy-149



104

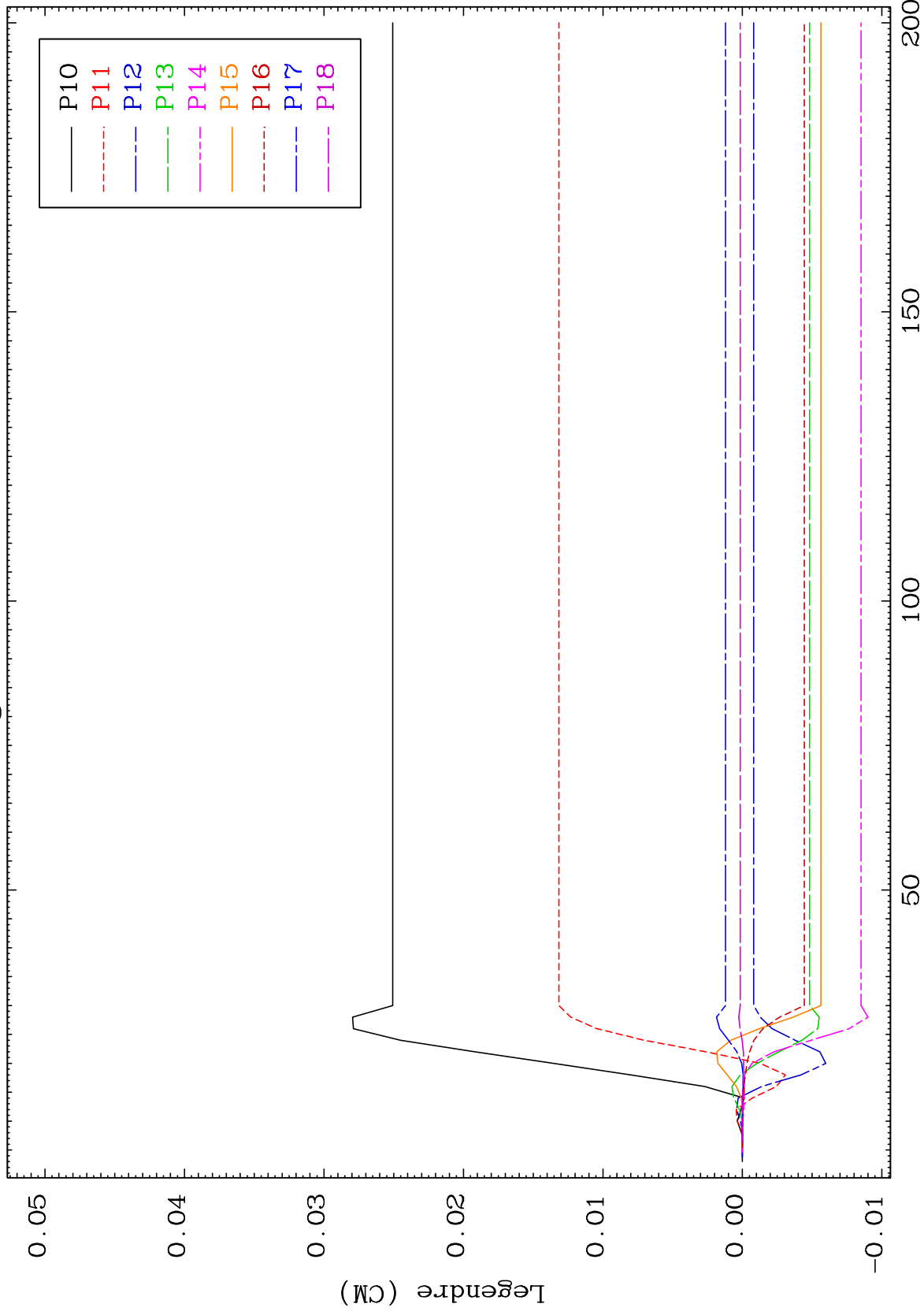
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



105

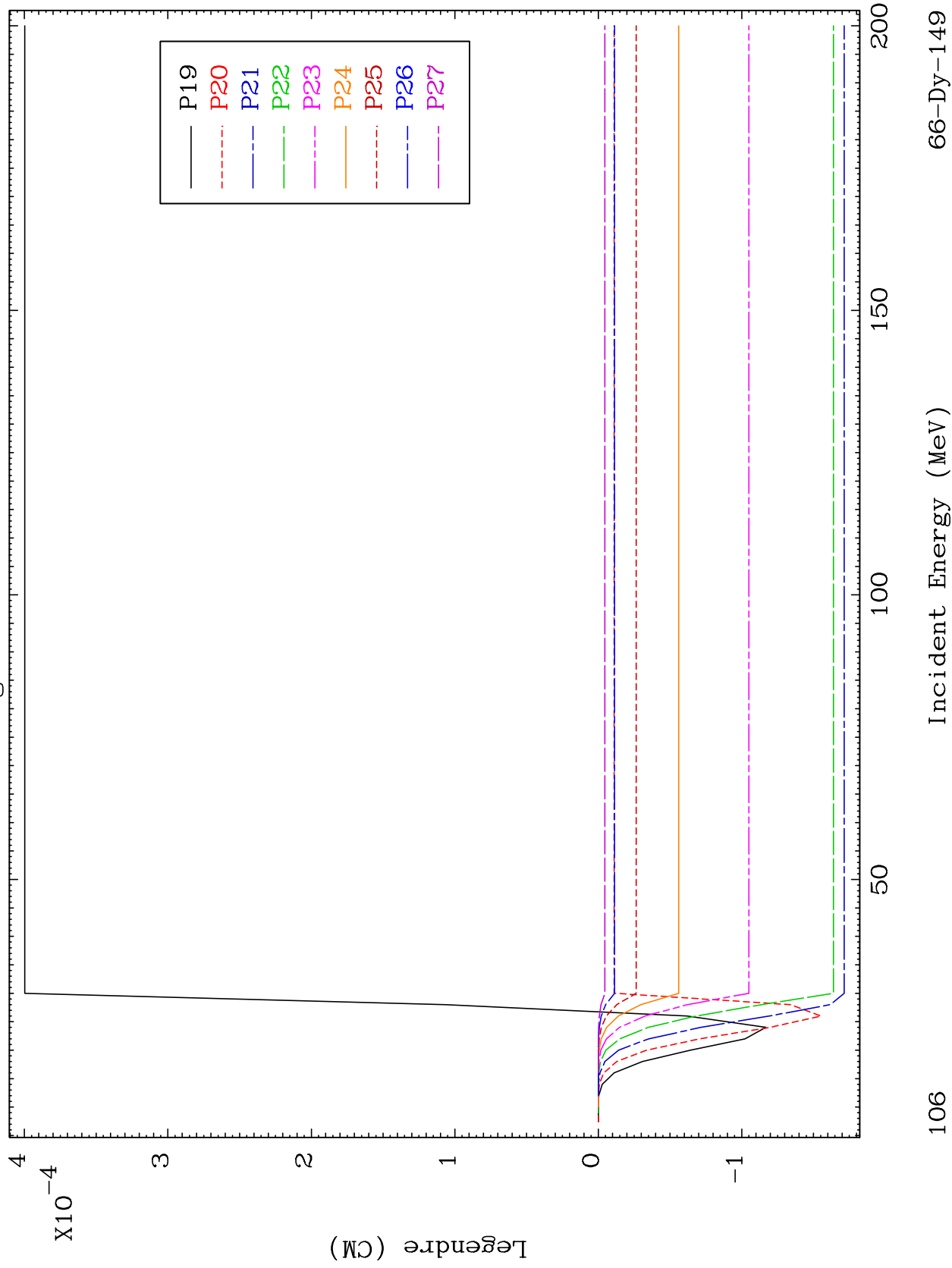
Incident Energy (MeV)

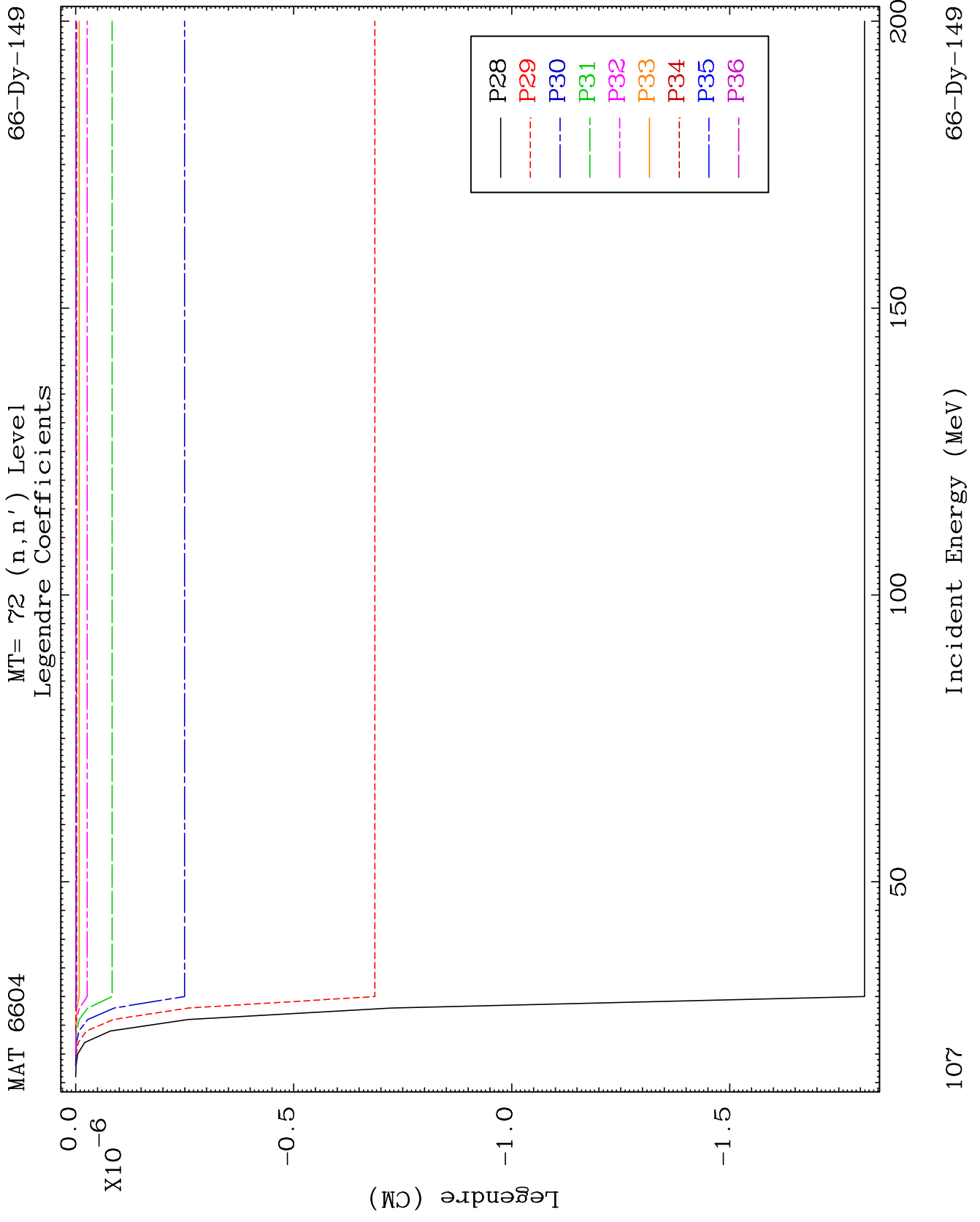
66-Dy-149

MAT 6604

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

66-Dy-149

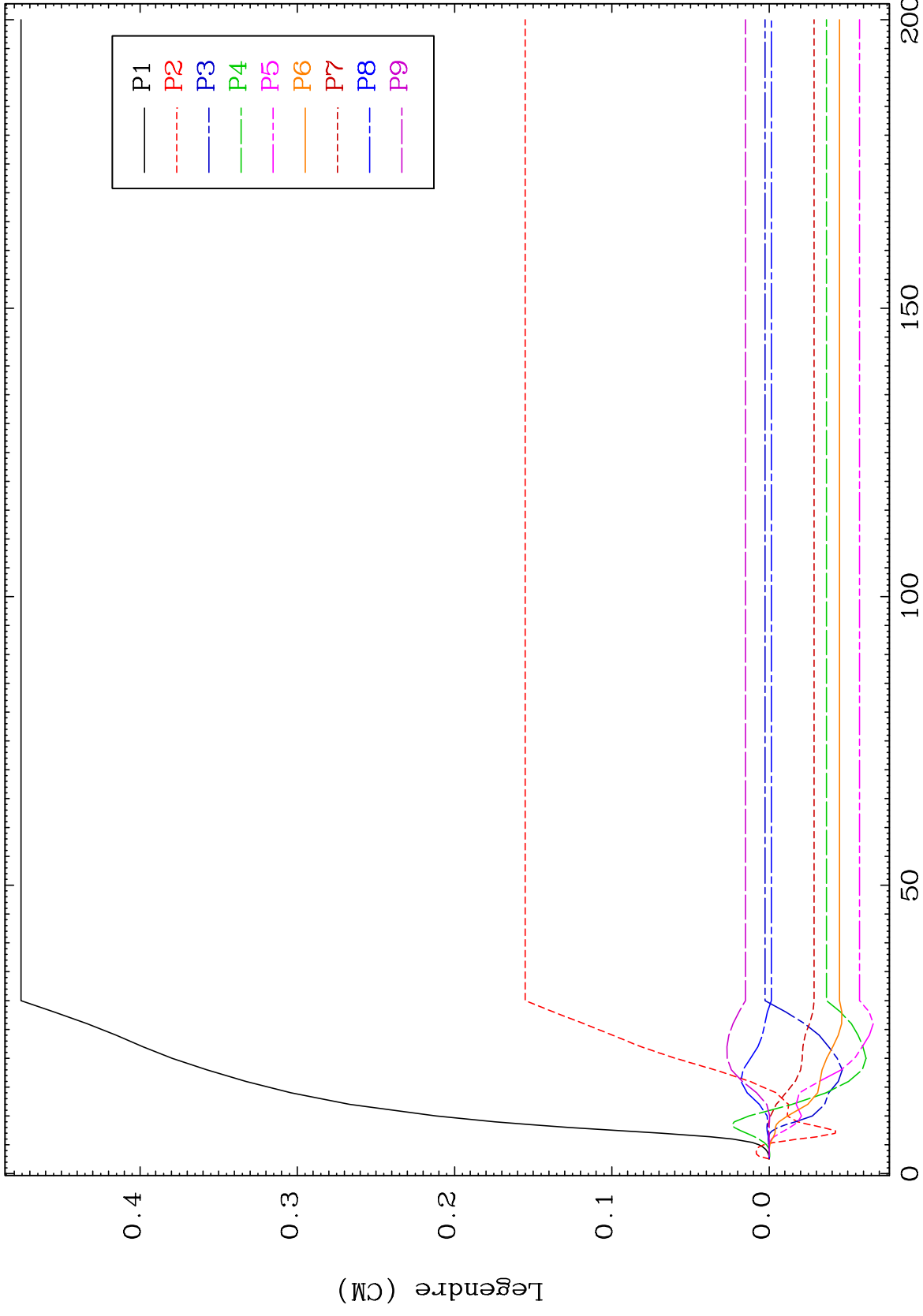




MAT 6604

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

66-Dy-149



108

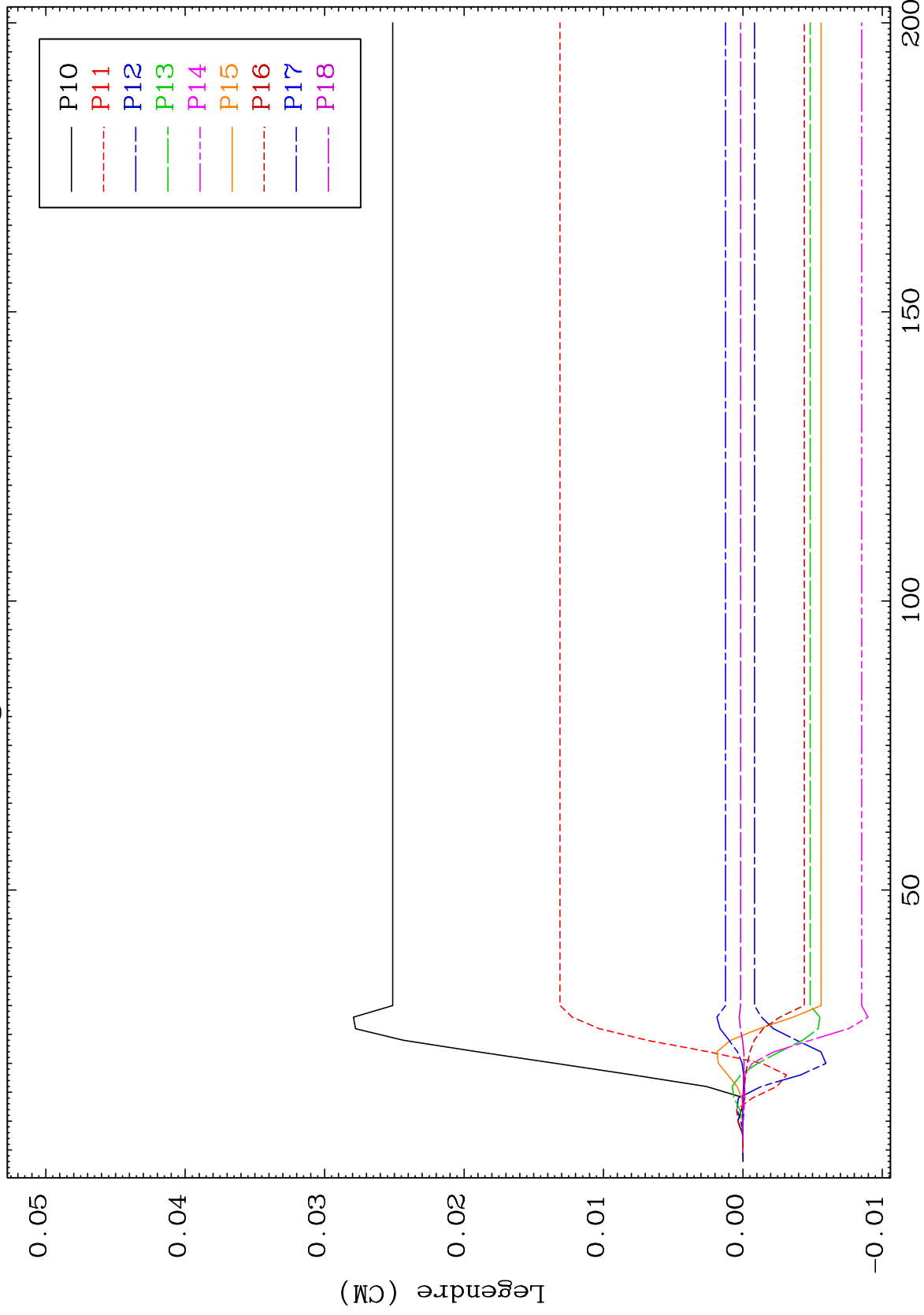
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



109

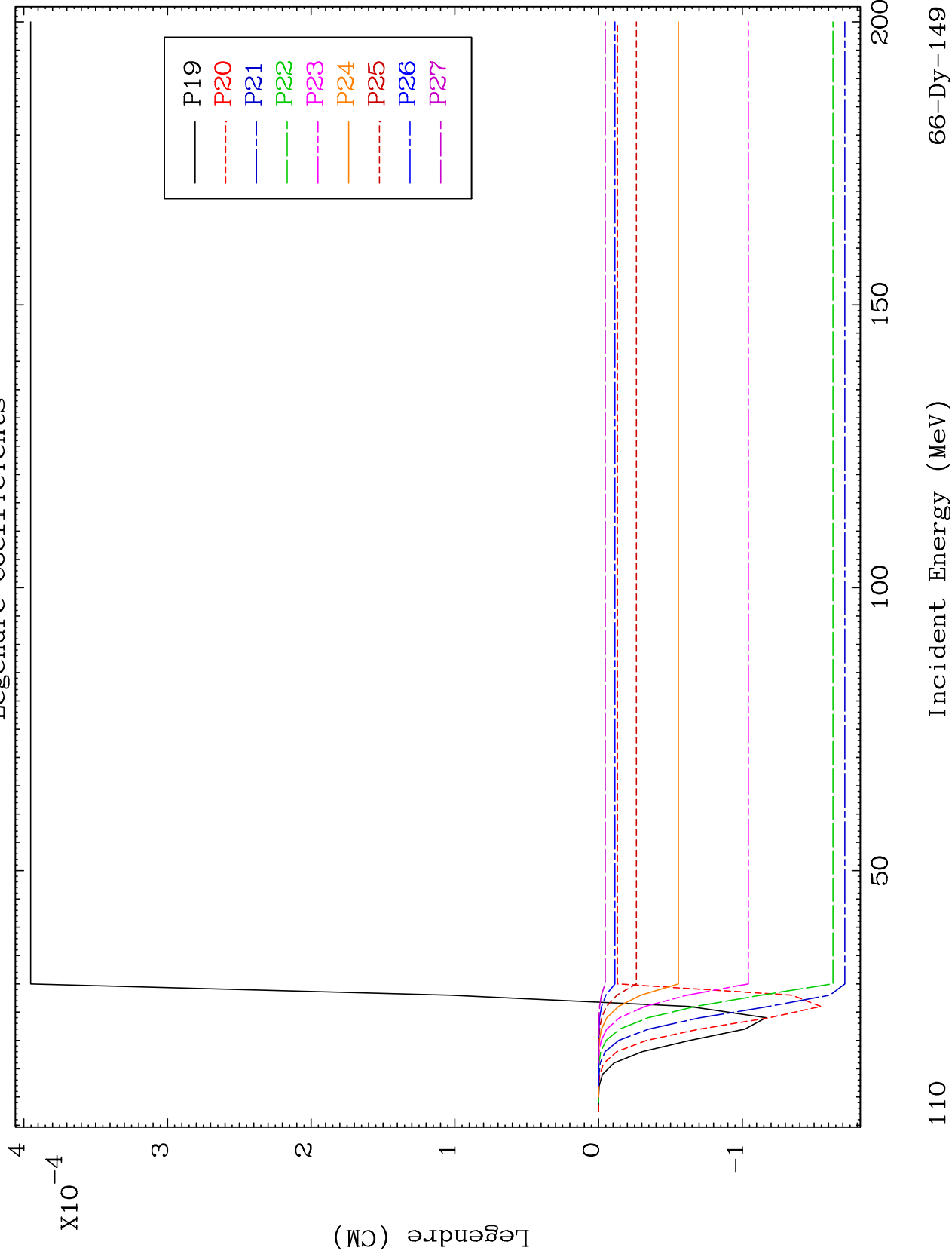
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

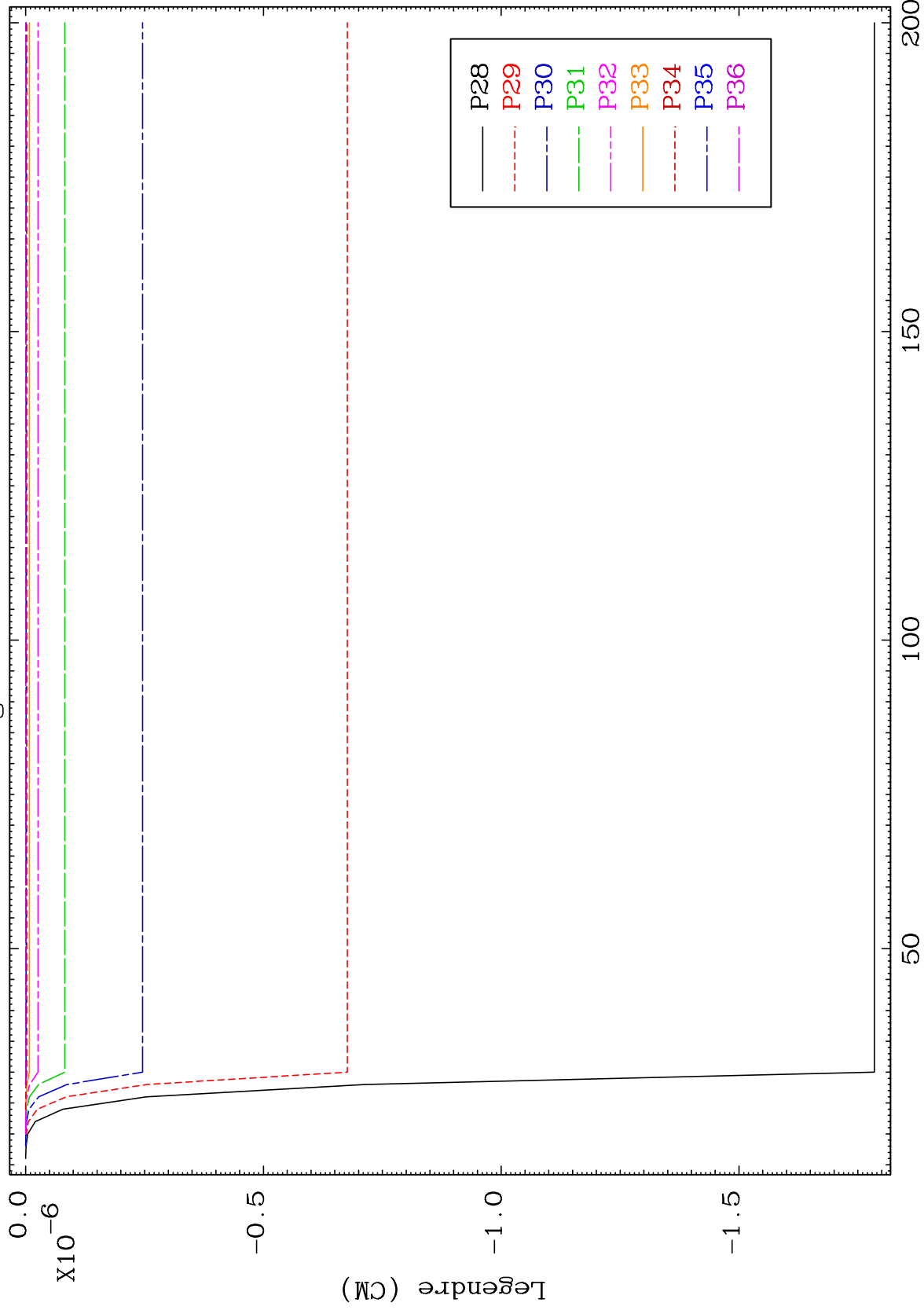
66-Dy-149



MAT 6604

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

66-Dy-149



111

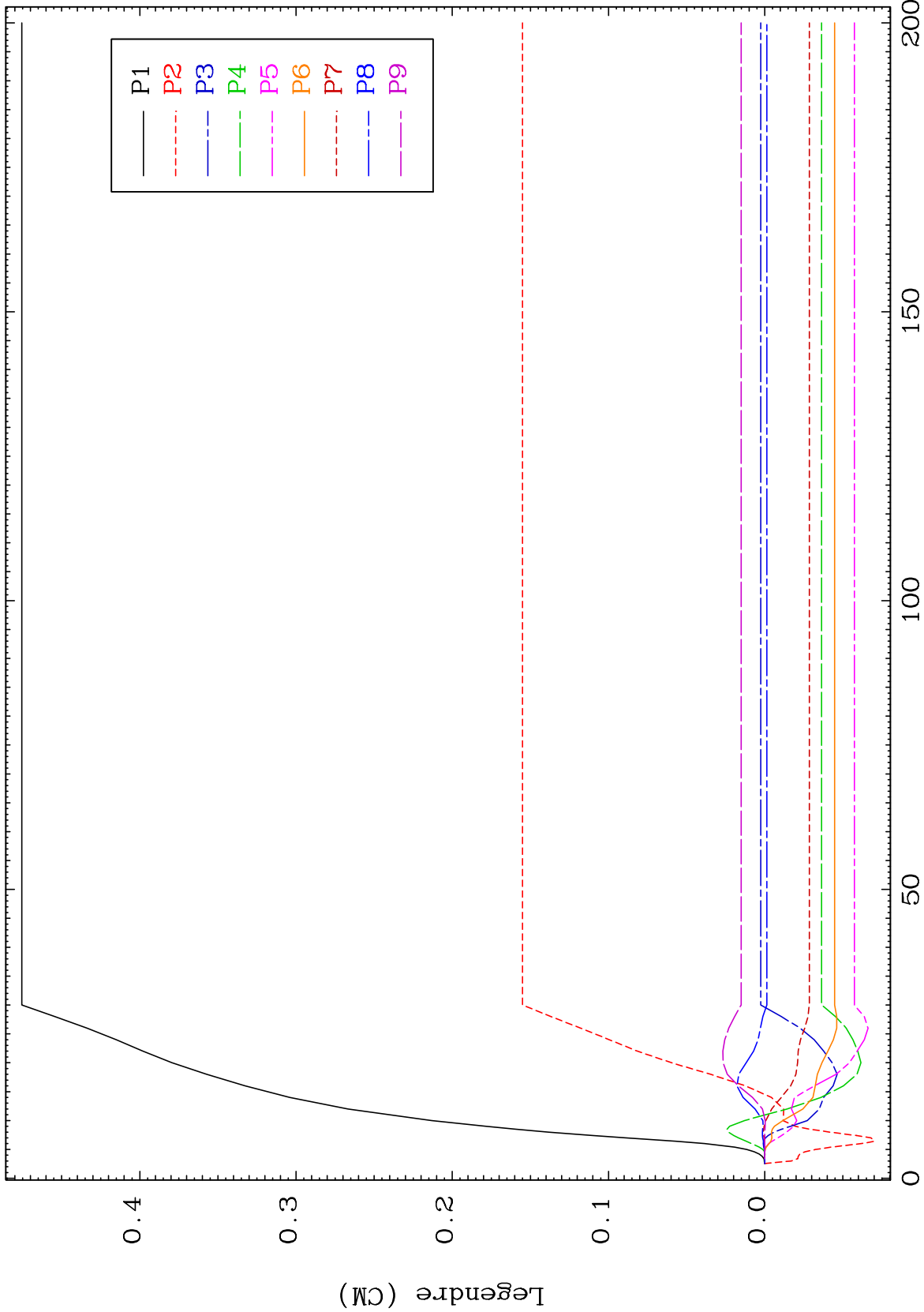
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



66-Dy-149

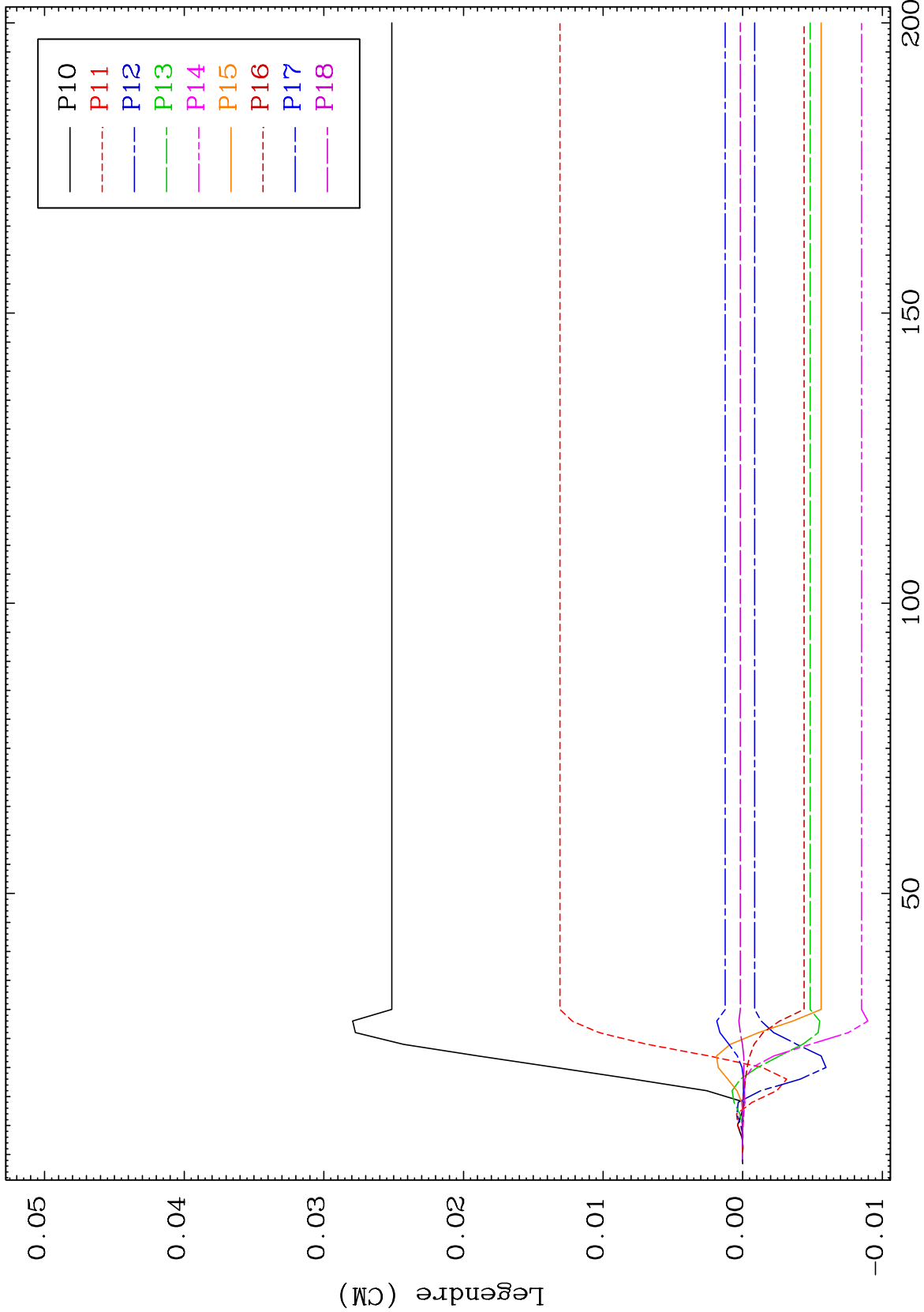
Incident Energy (MeV)

112

MAT 6604

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

66-Dy-149



113

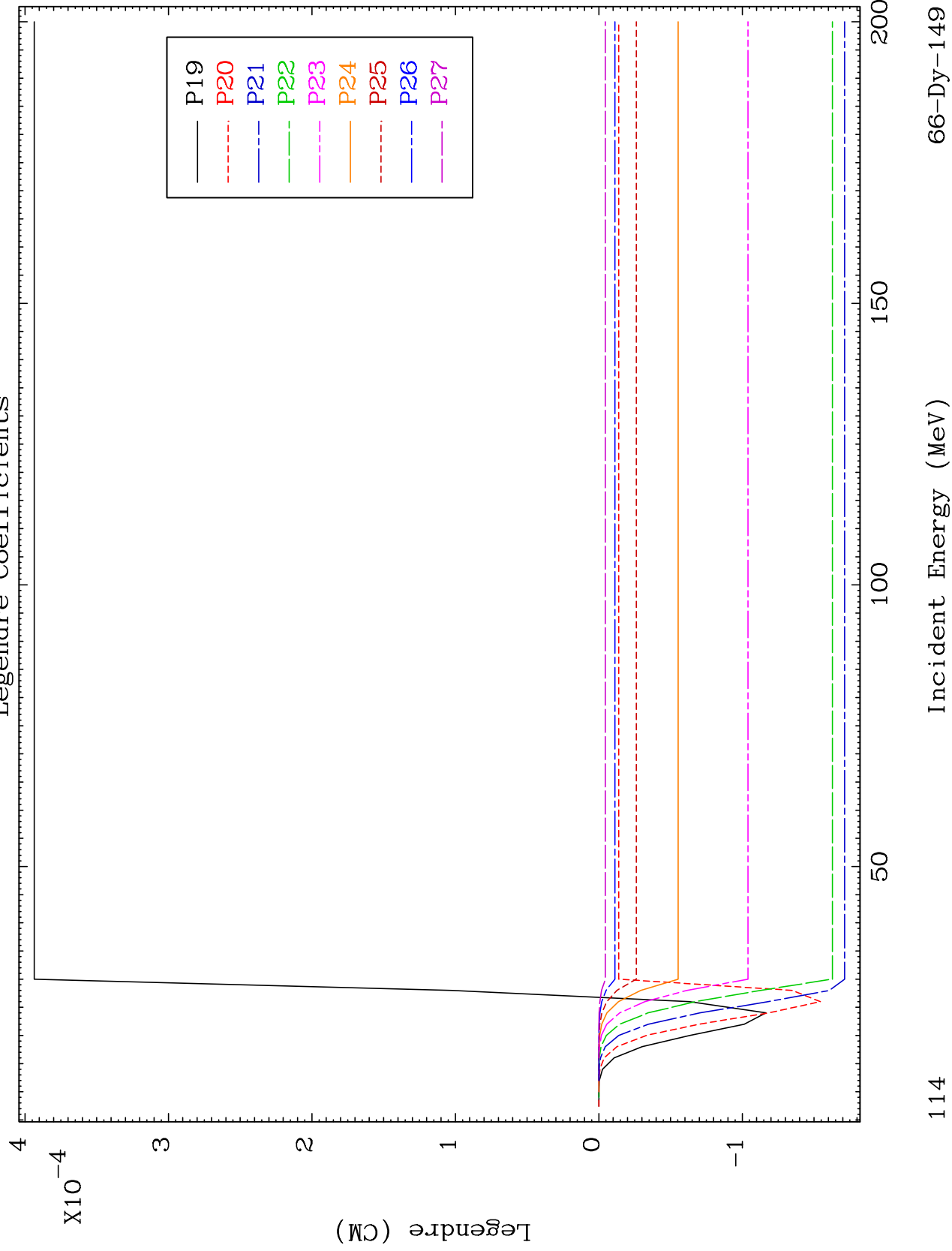
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

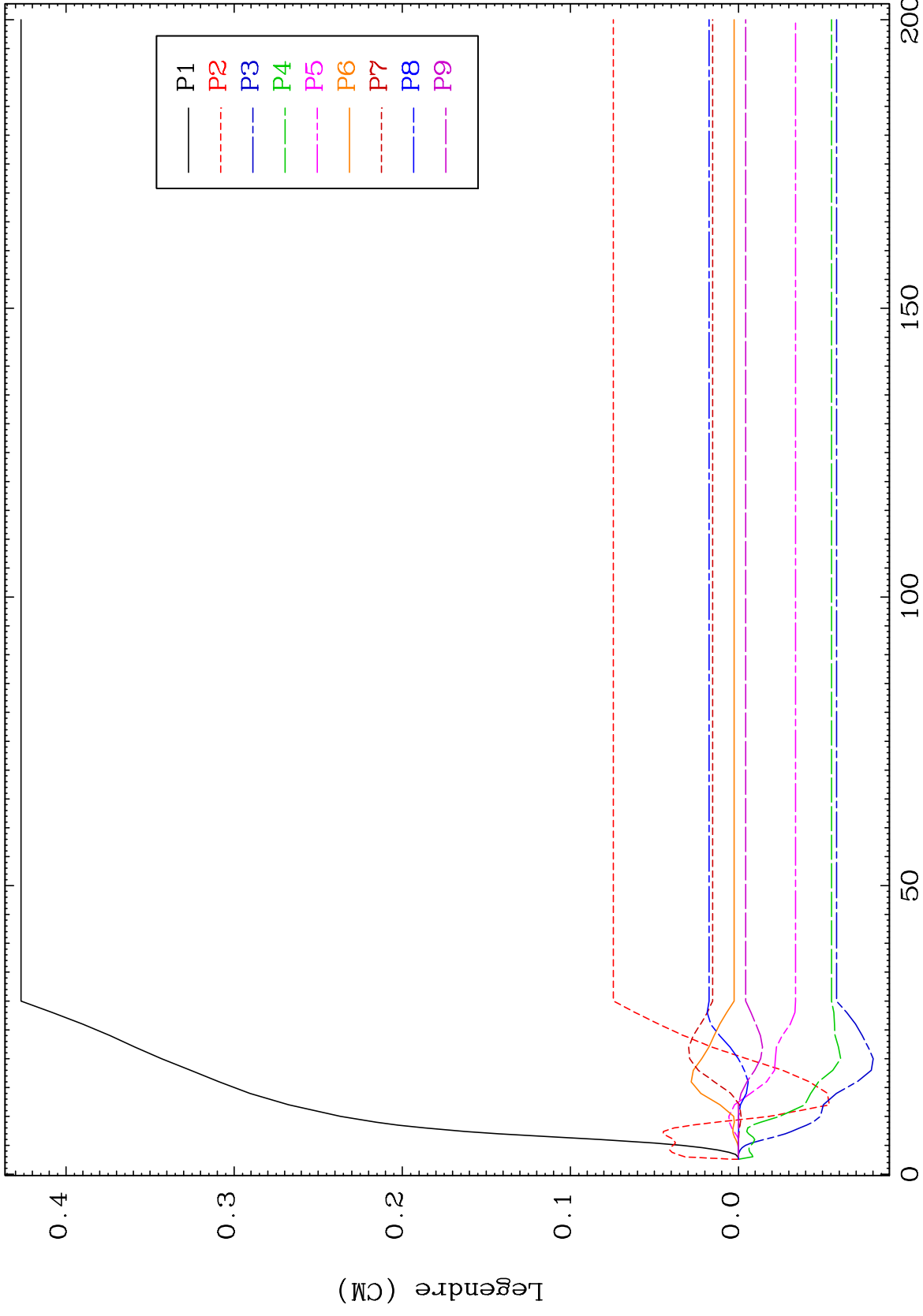
66-Dy-149



MAT 6604

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

66-Dy-149



116

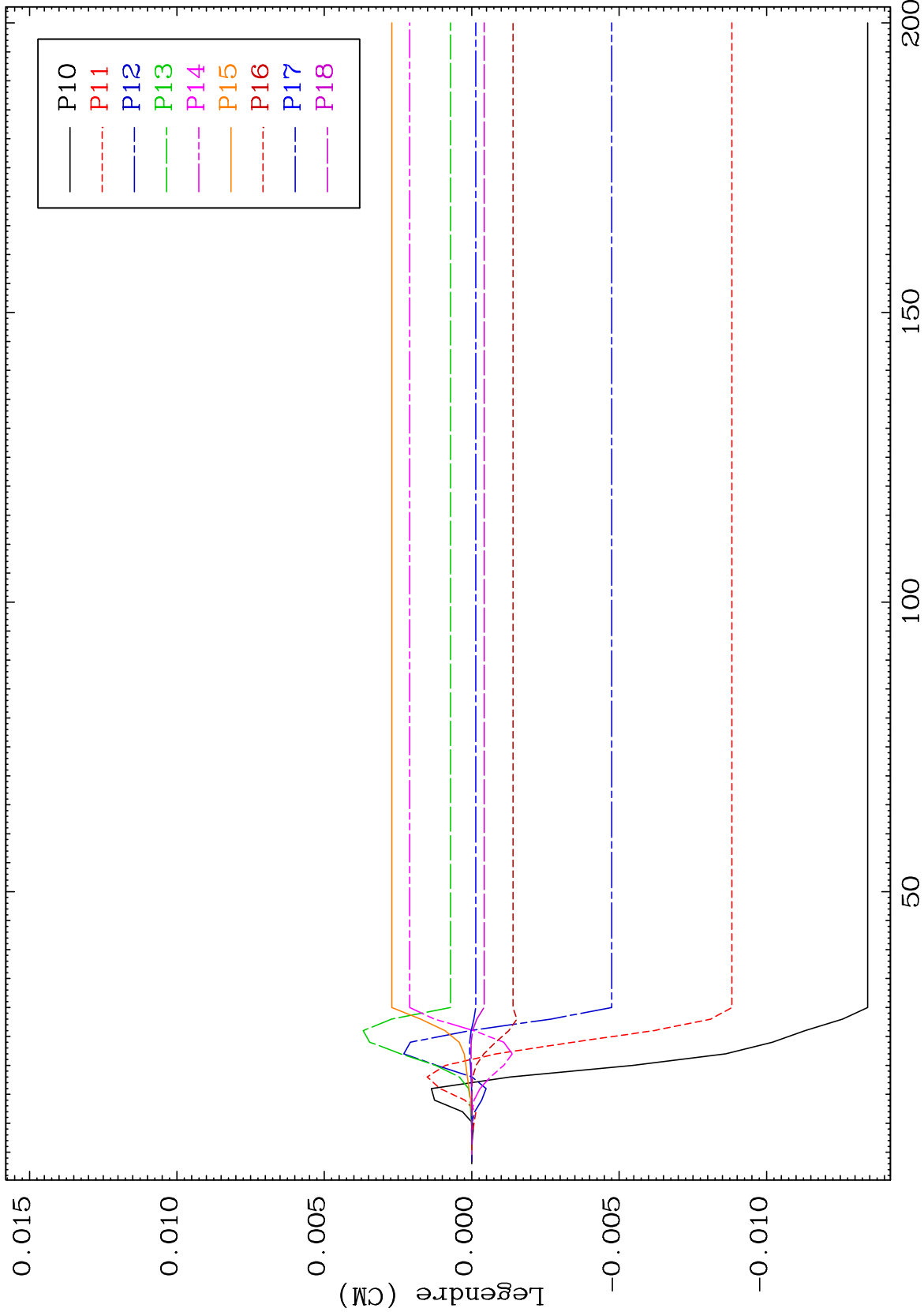
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



117

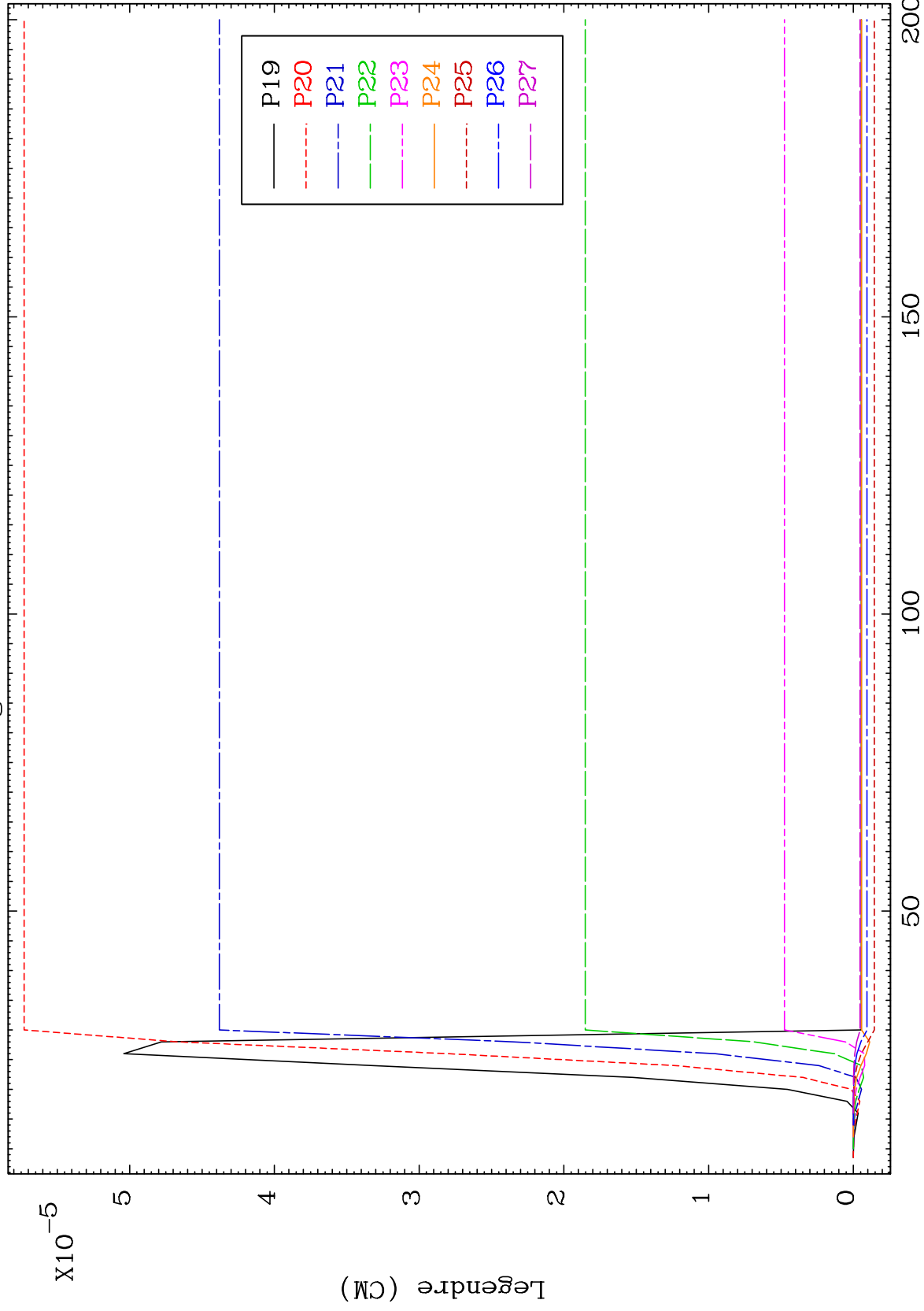
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

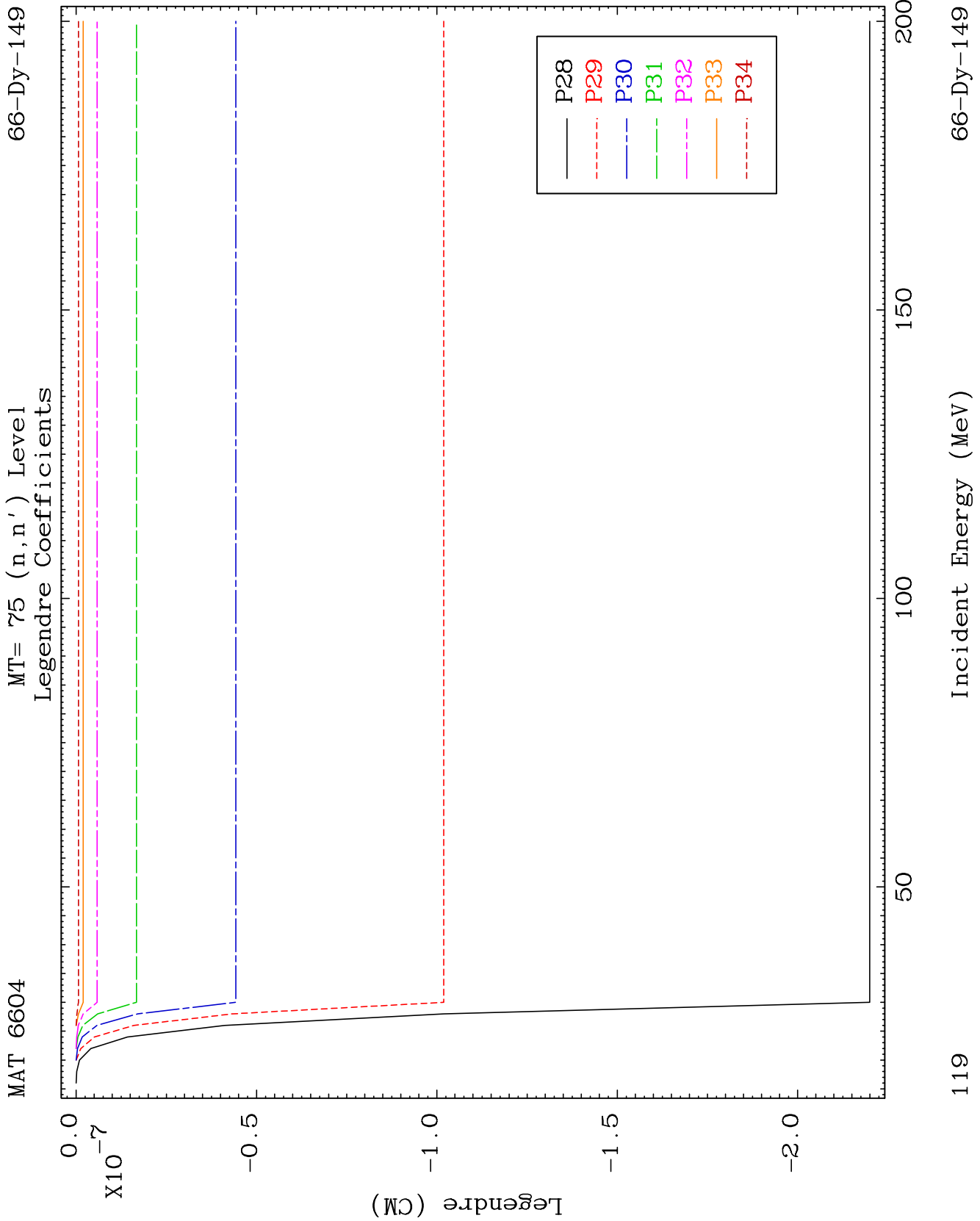
66-Dy-149



118

Incident Energy (MeV)

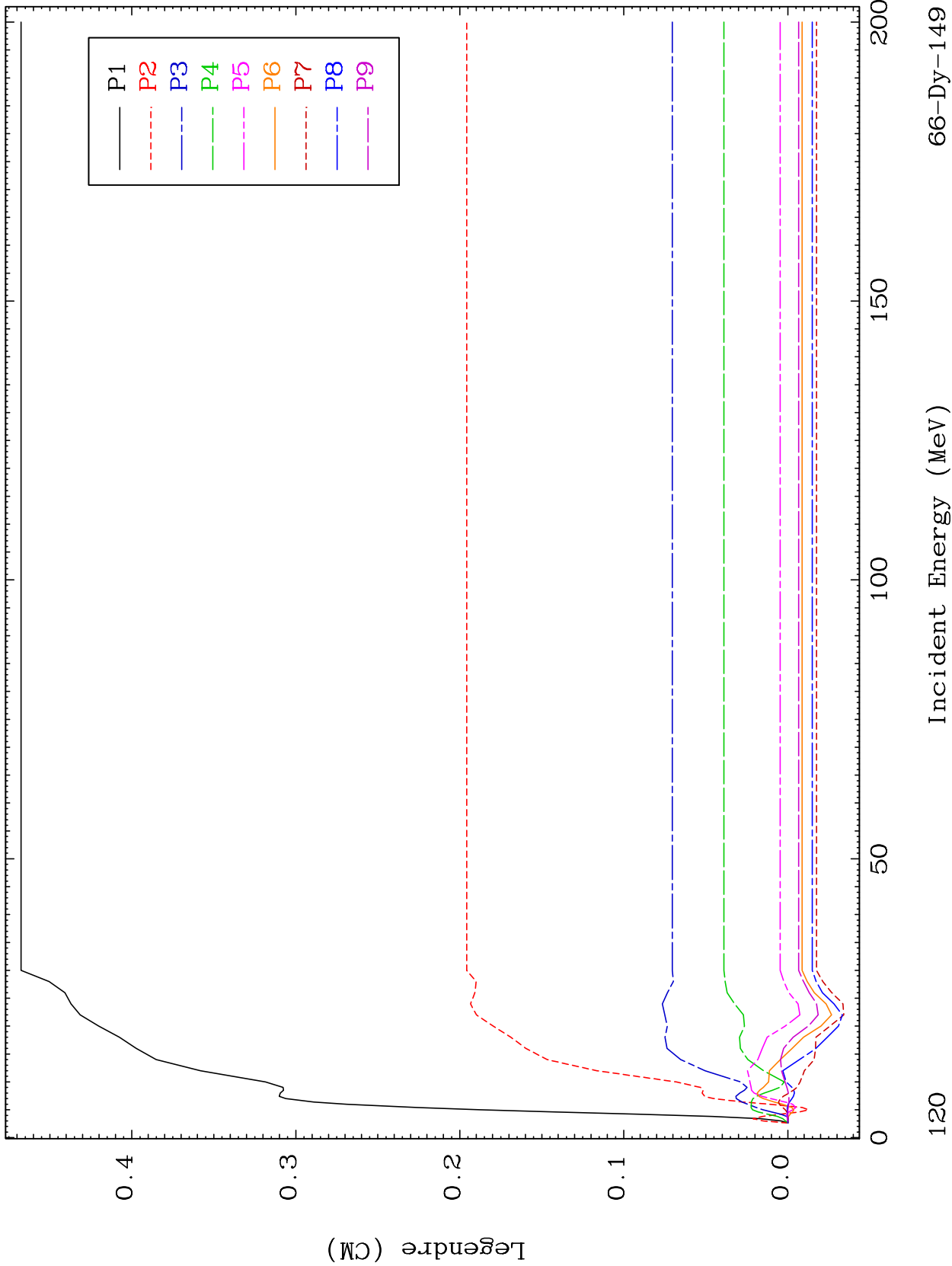
66-Dy-149



MAT 6604

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

66-Dy-149



66-Dy-149

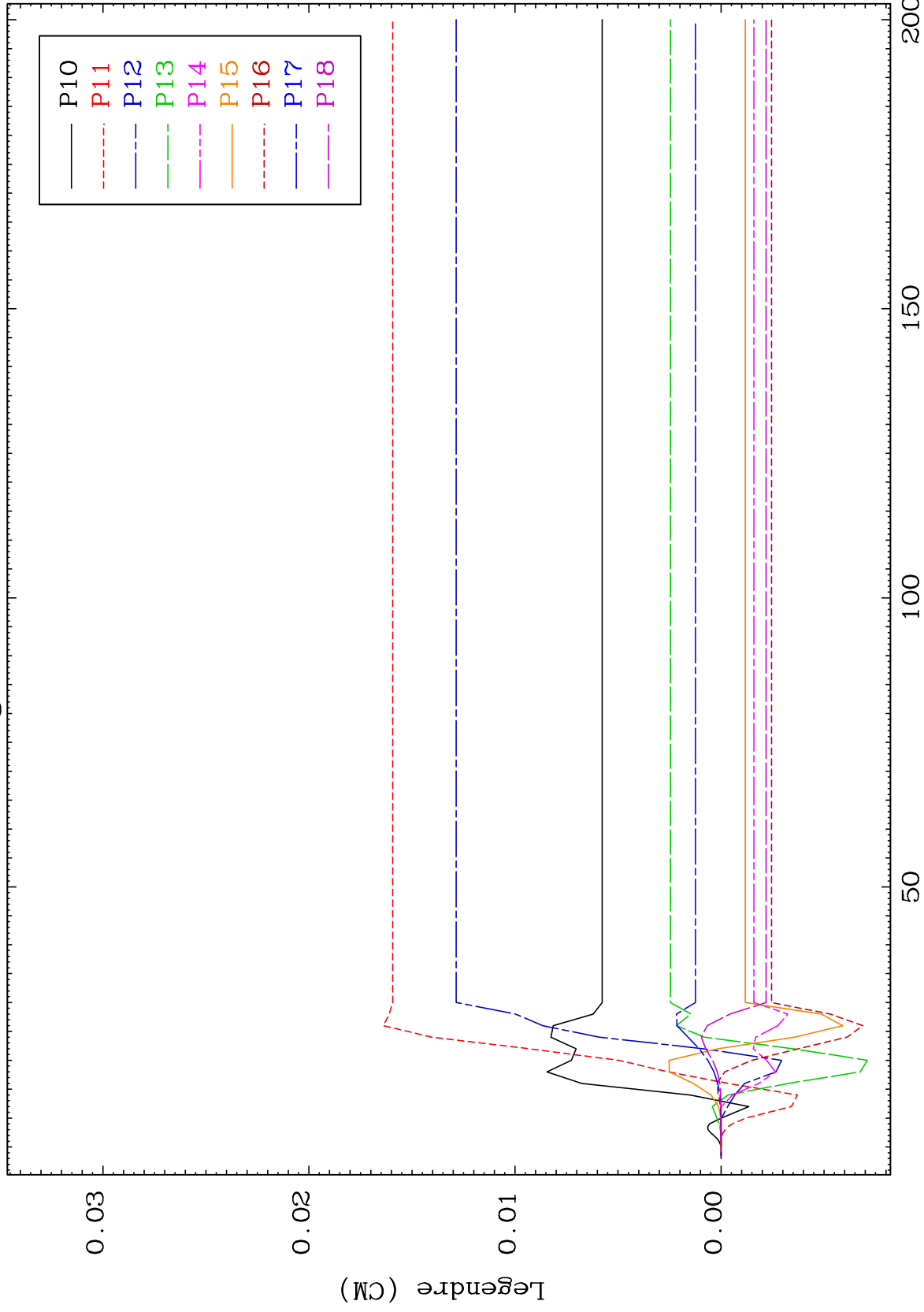
Incident Energy (MeV)

120

MAT 6604

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

66-Dy-149



121

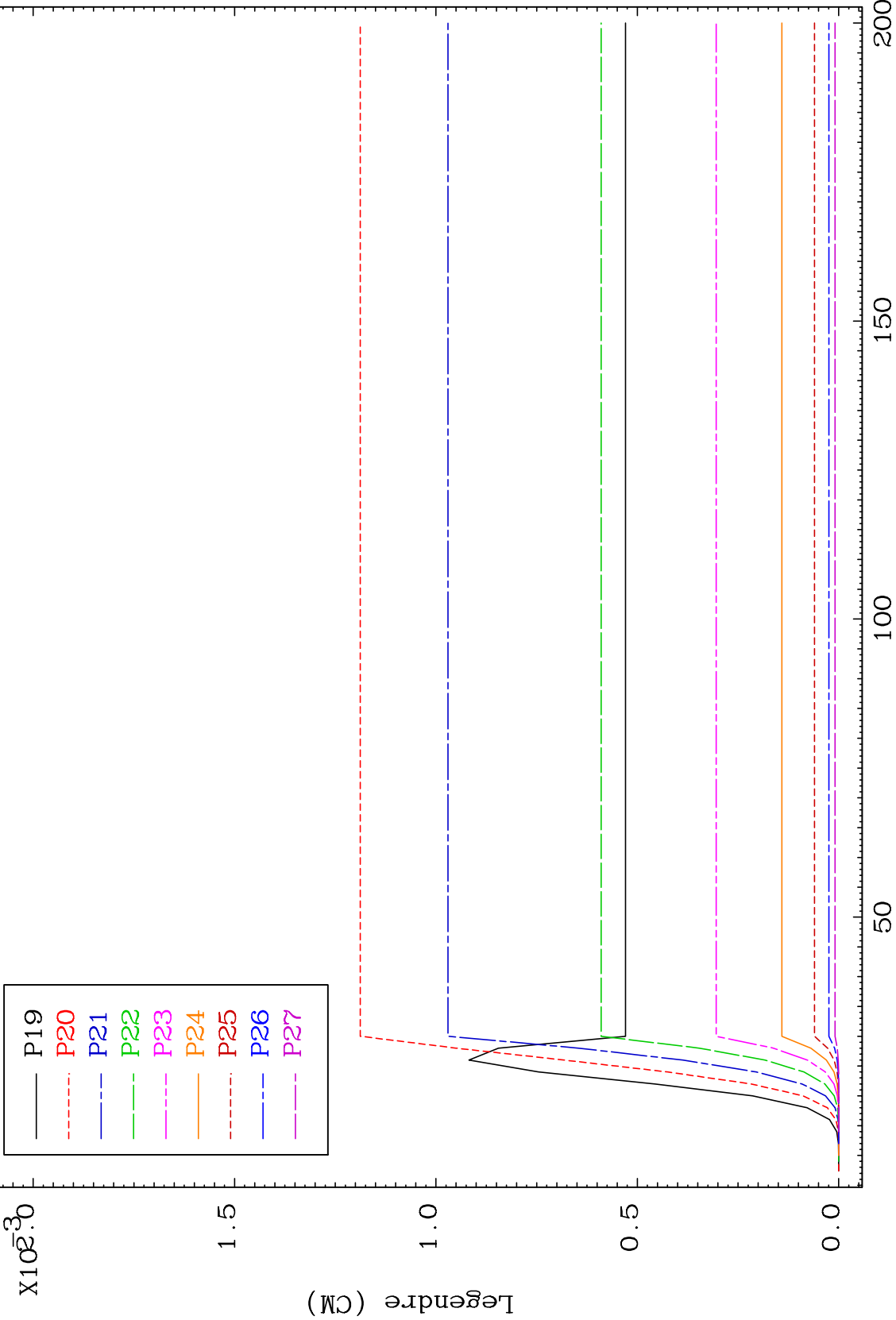
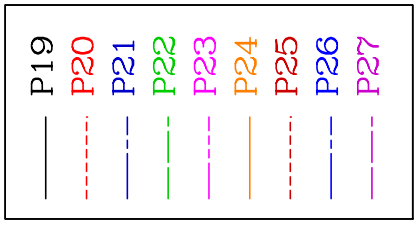
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



122

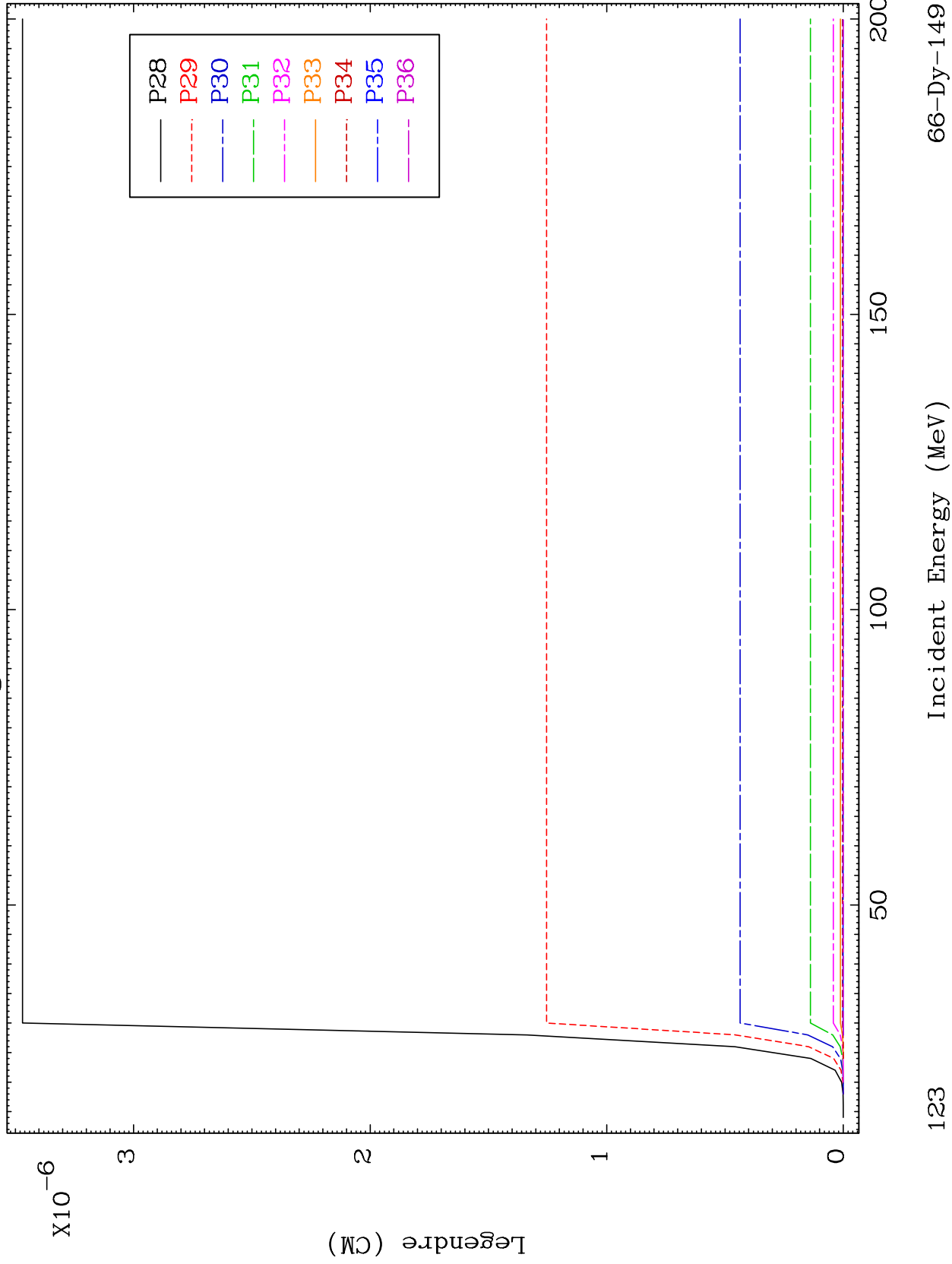
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



123

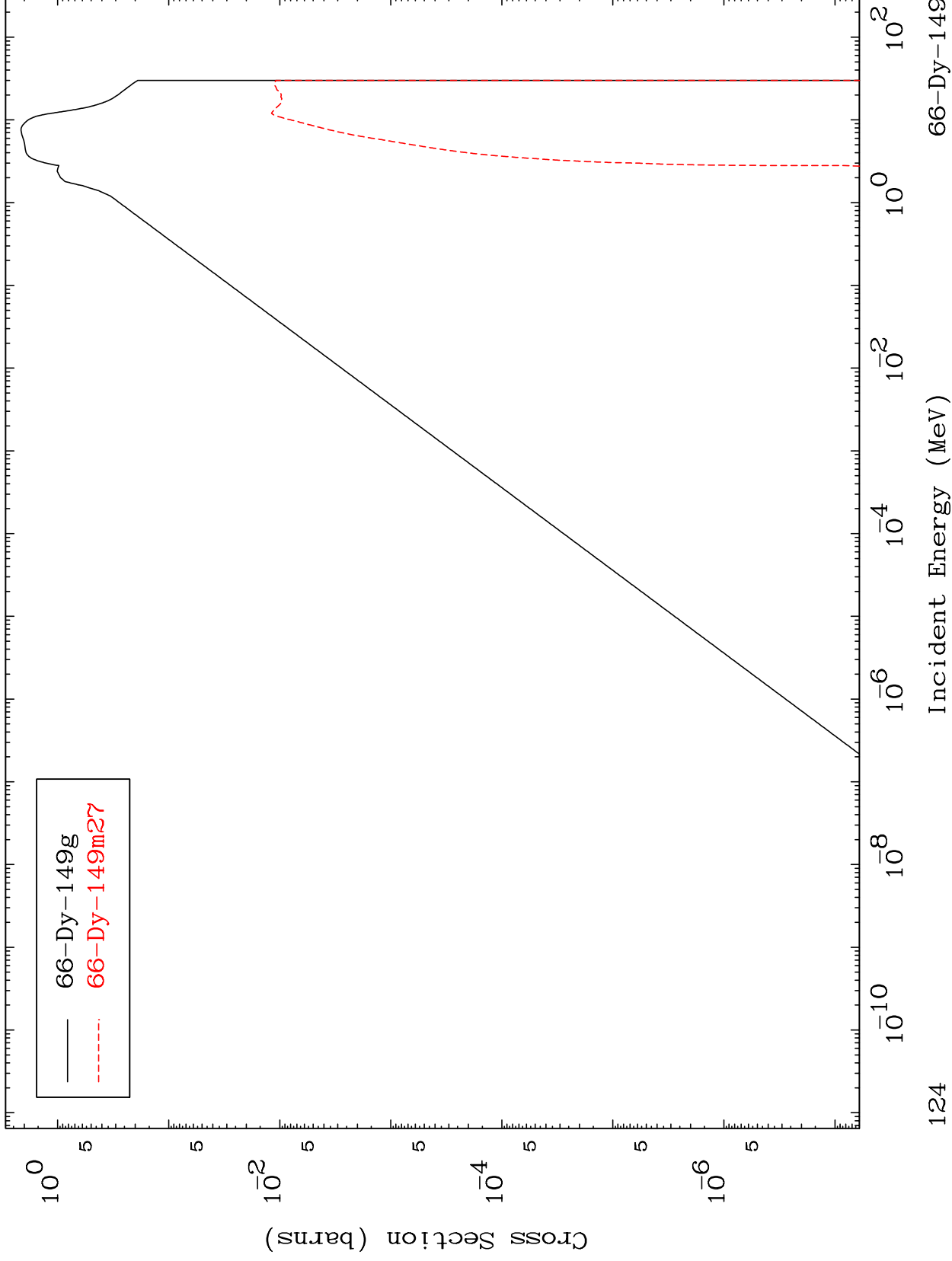
Incident Energy (MeV)

66-Dy-149

MAT 6604

Inelastic
Radionuclide Production Cross Section

66-Dy-149



124

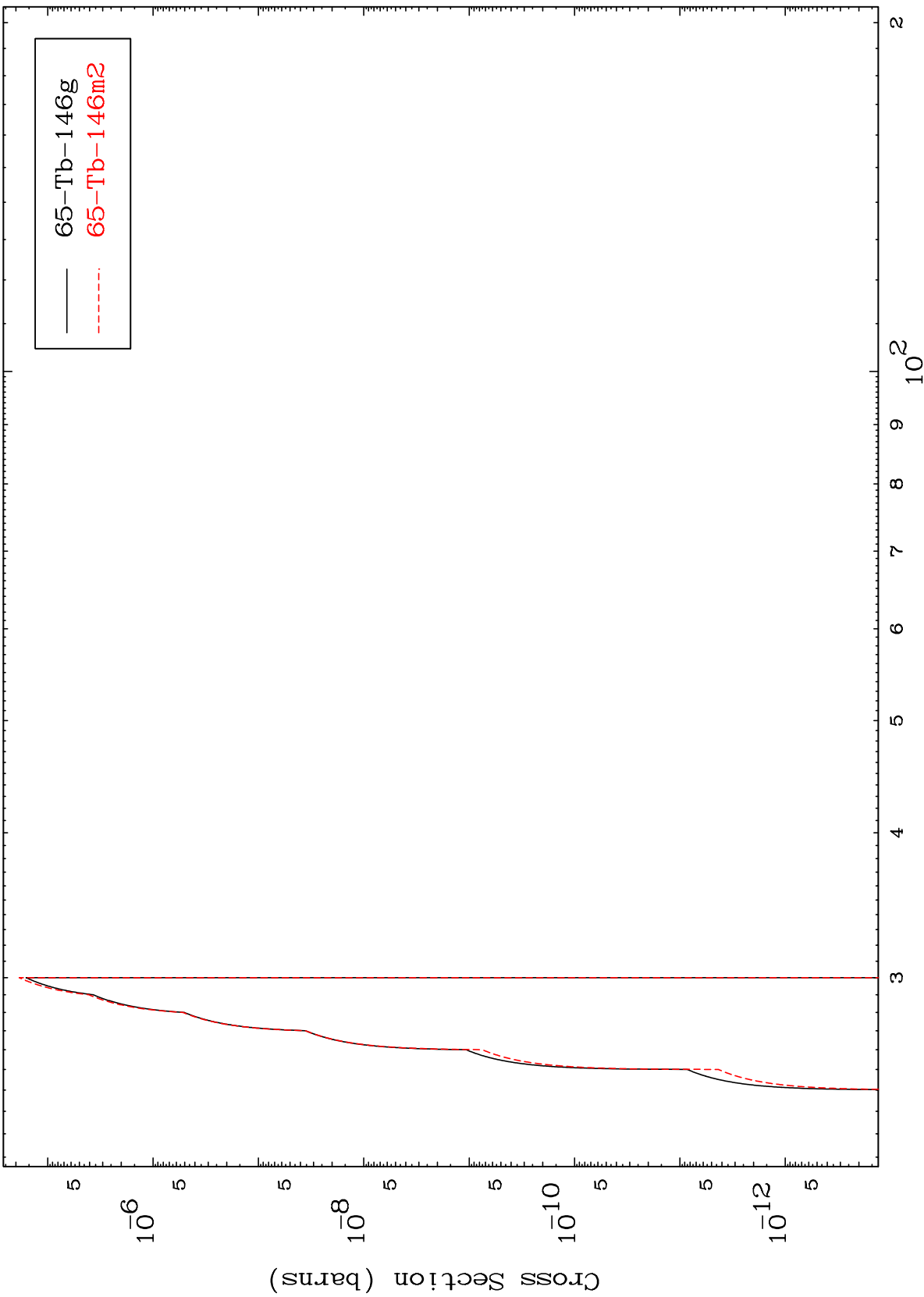
66-Dy-149

MAT 6604

(n,2n) d

66-Dy-149

Radionuclide Production Cross Section



65-Tb-146g
65-Tb-146m2

125

Incident Energy (MeV)

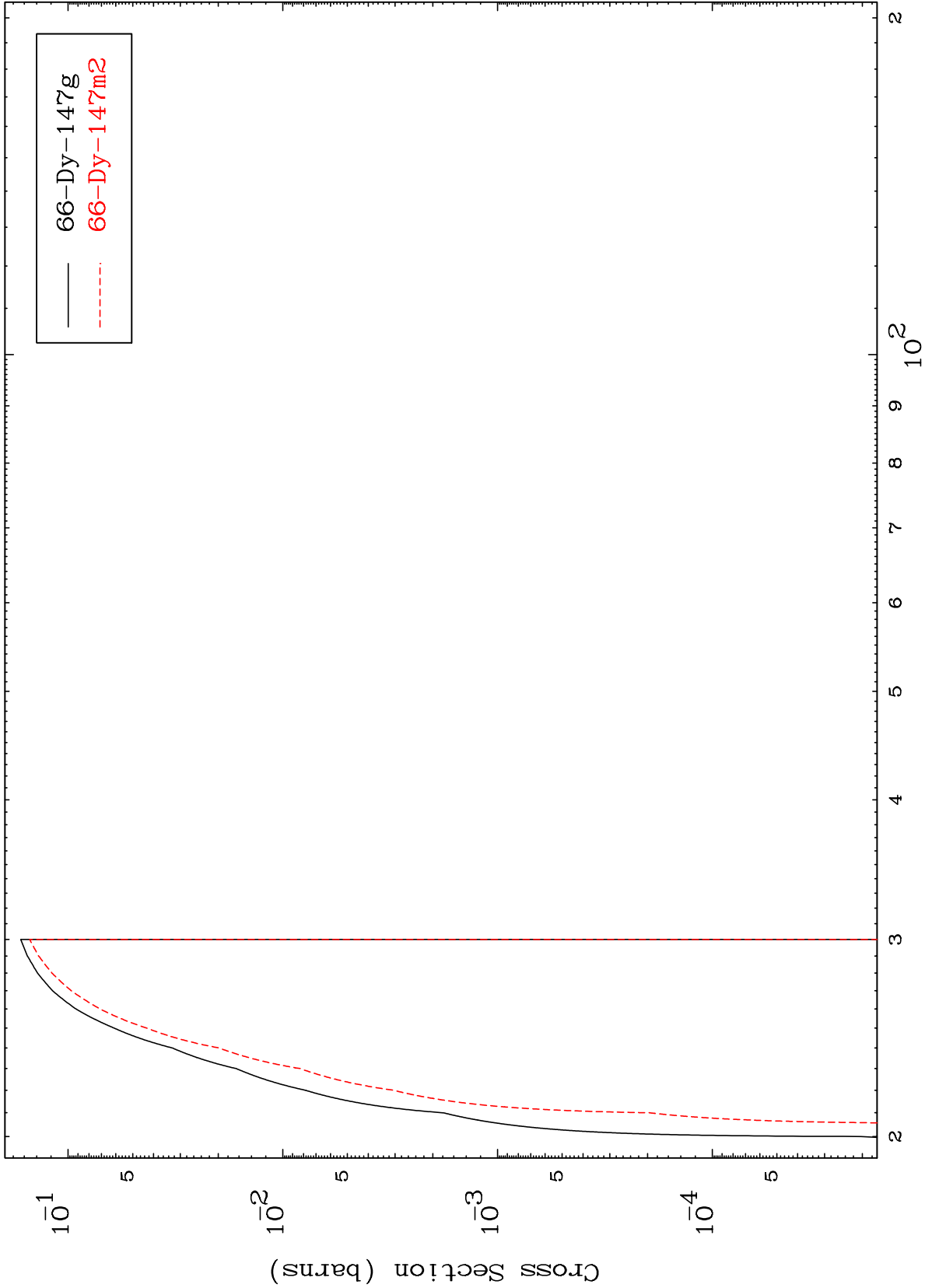
66-Dy-149

MAT 6604

(n,3n)

66-Dy-149

Radionuclide Production Cross Section



126

Incident Energy (MeV)

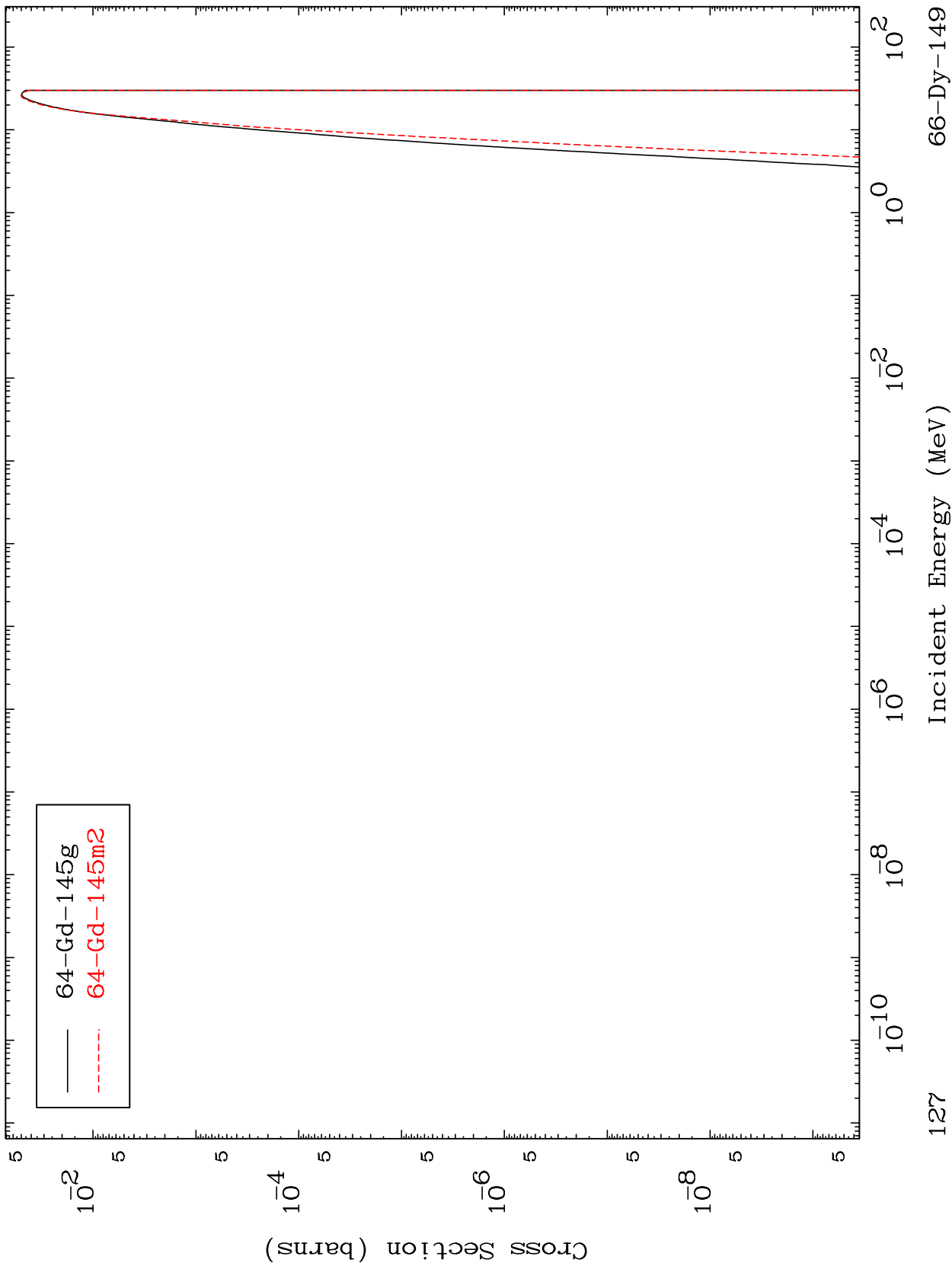
66-Dy-149

MAT 6604

$(n, n') \alpha$

66-Dy-149

Radionuclide Production Cross Section



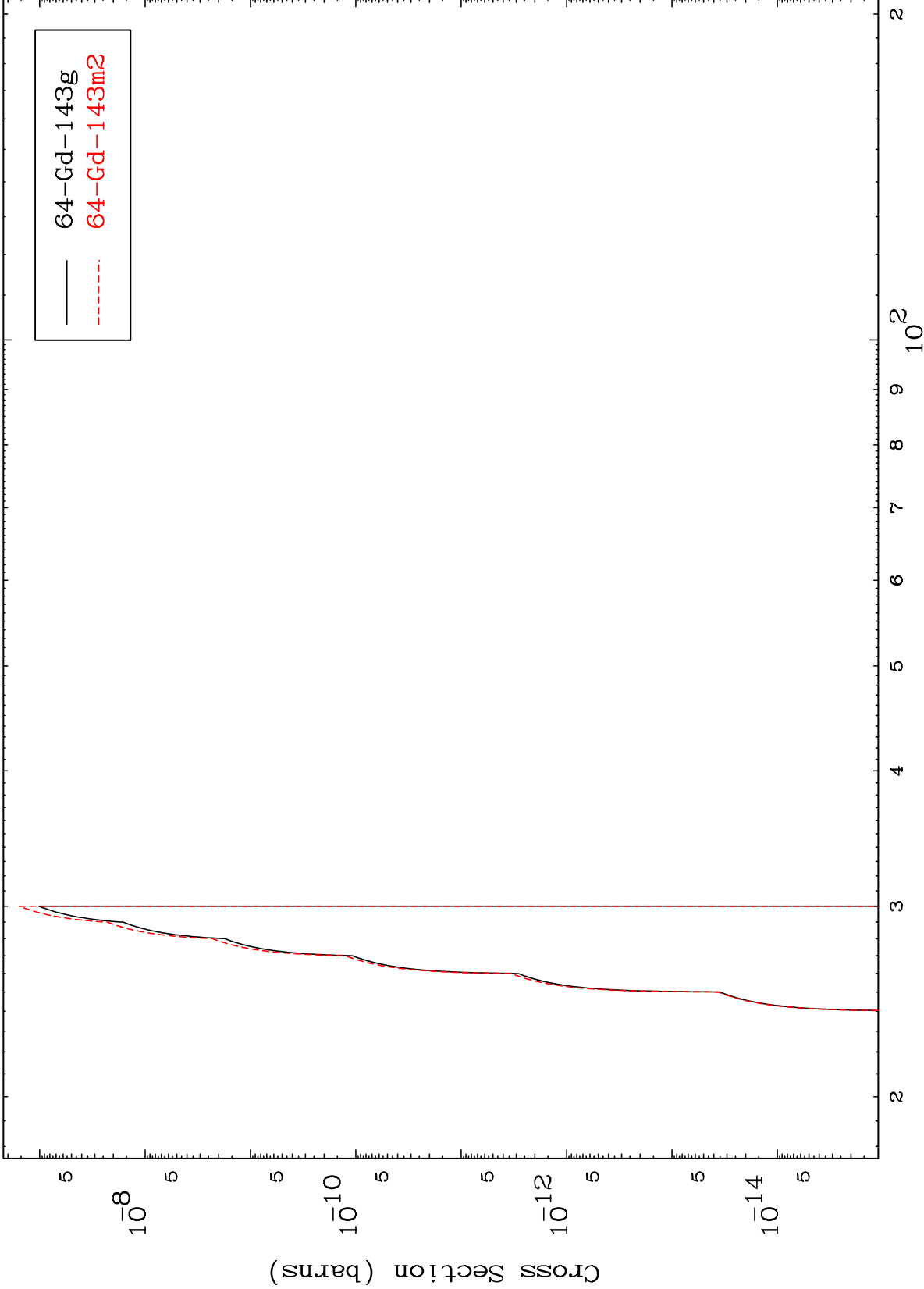
64-Gd-145g
64-Gd-145m2

MAT 6604

(n,3n) α

66-Dy-149

Radionuclide Production Cross Section



64-Gd-143g
64-Gd-143m2

128

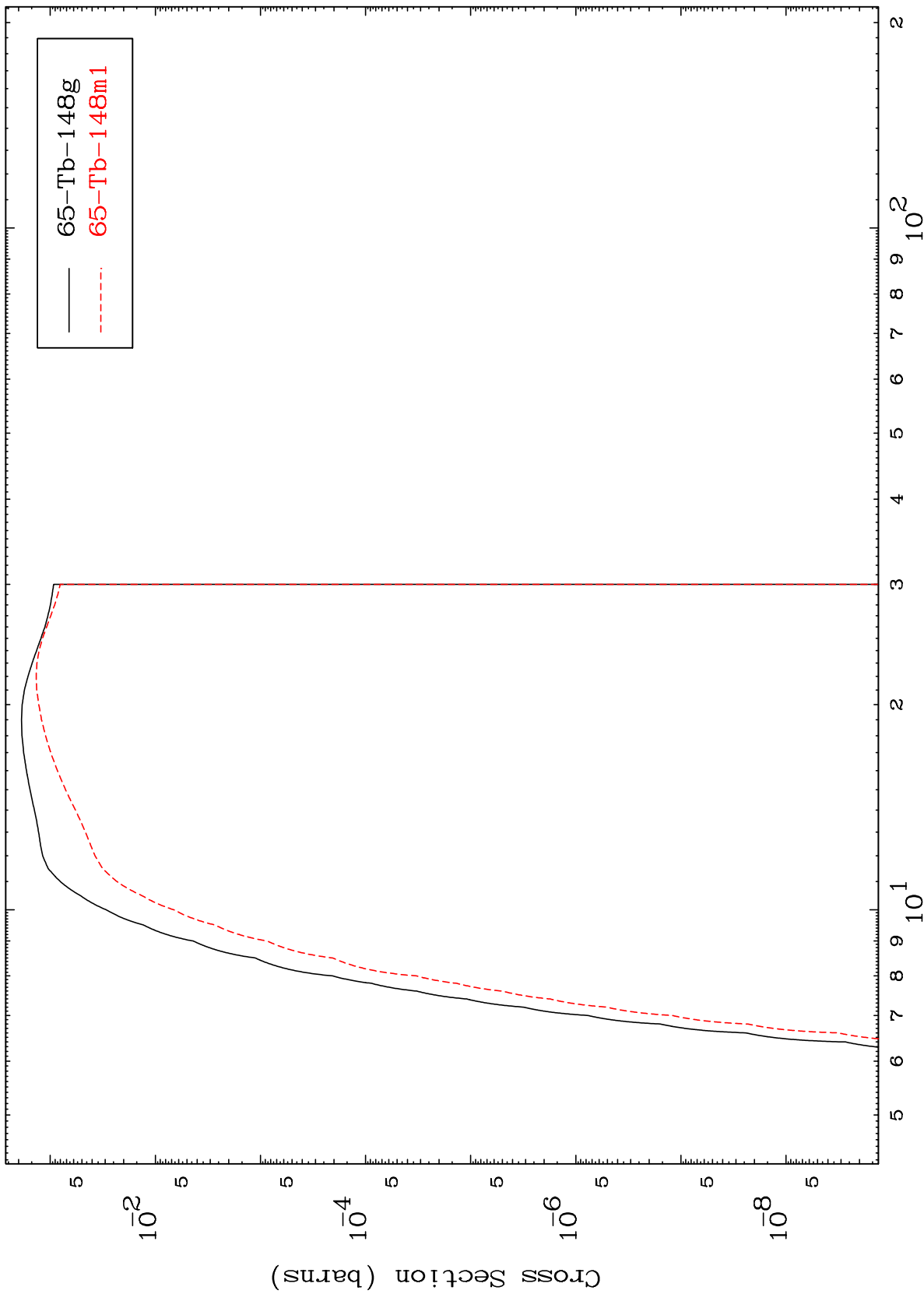
Incident Energy (MeV)

66-Dy-149

MAT 6604

66-Dy-149

(n, n') p
Radionuclide Production Cross Section



129

Incident Energy (MeV)

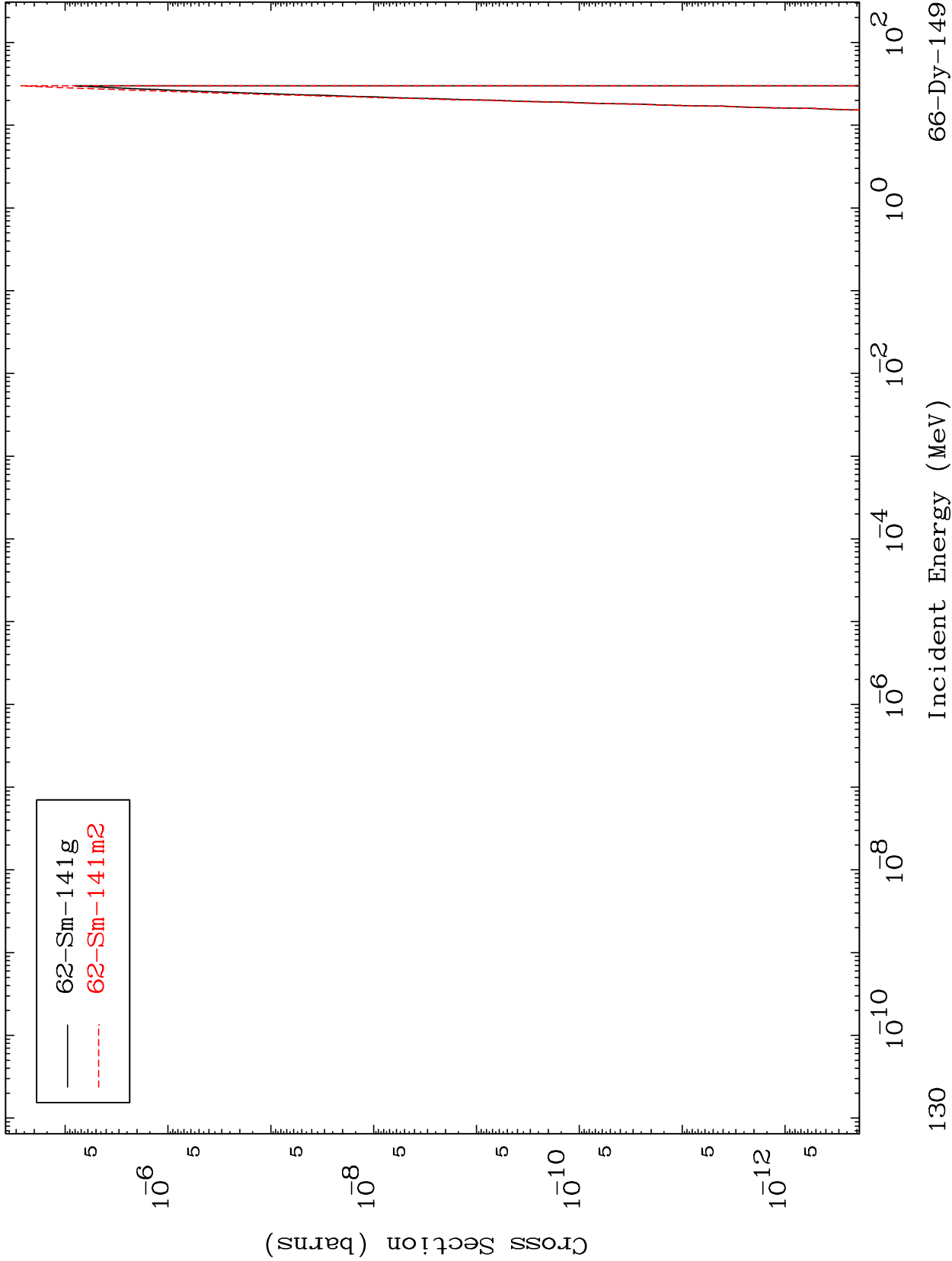
66-Dy-149

MAT 6604

(n,n') 2 α

66-Dy-149

Radionuclide Production Cross Section



130

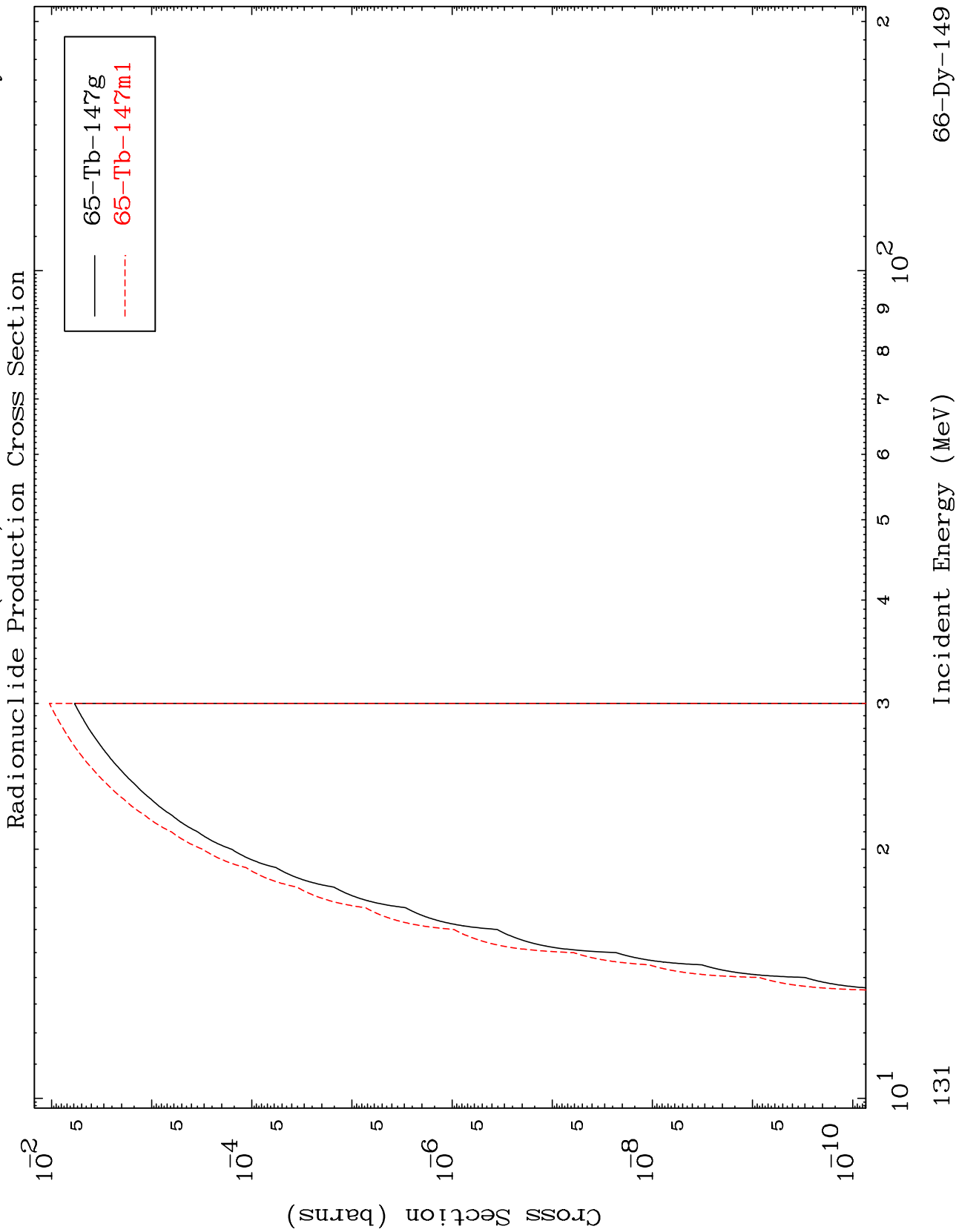
Incident Energy (MeV)

66-Dy-149

MAT 6604

(n,n') d

66-Dy-149



66-Dy-149

Incident Energy (MeV)

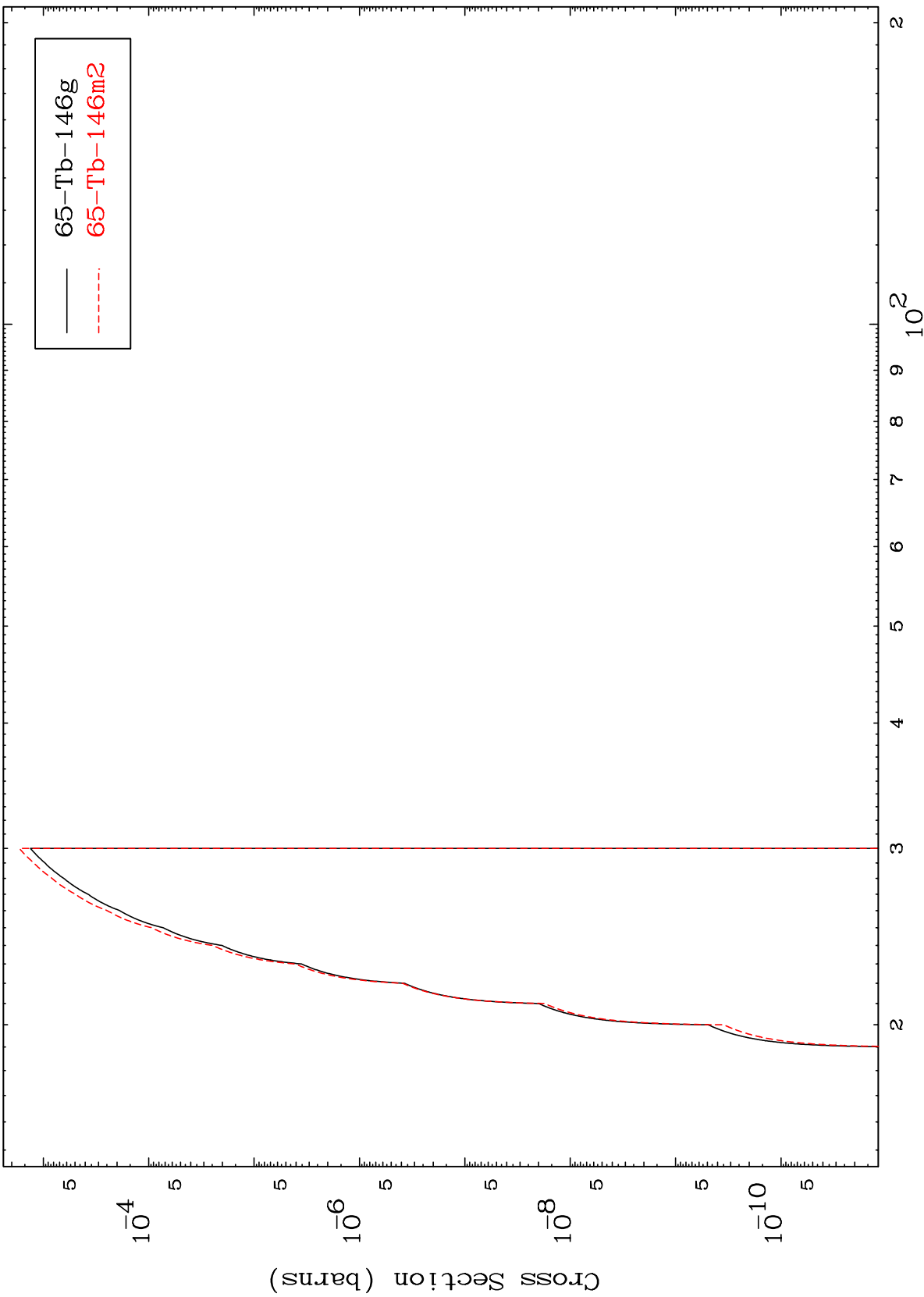
131

MAT 6604

(n,n') t

66-Dy-149

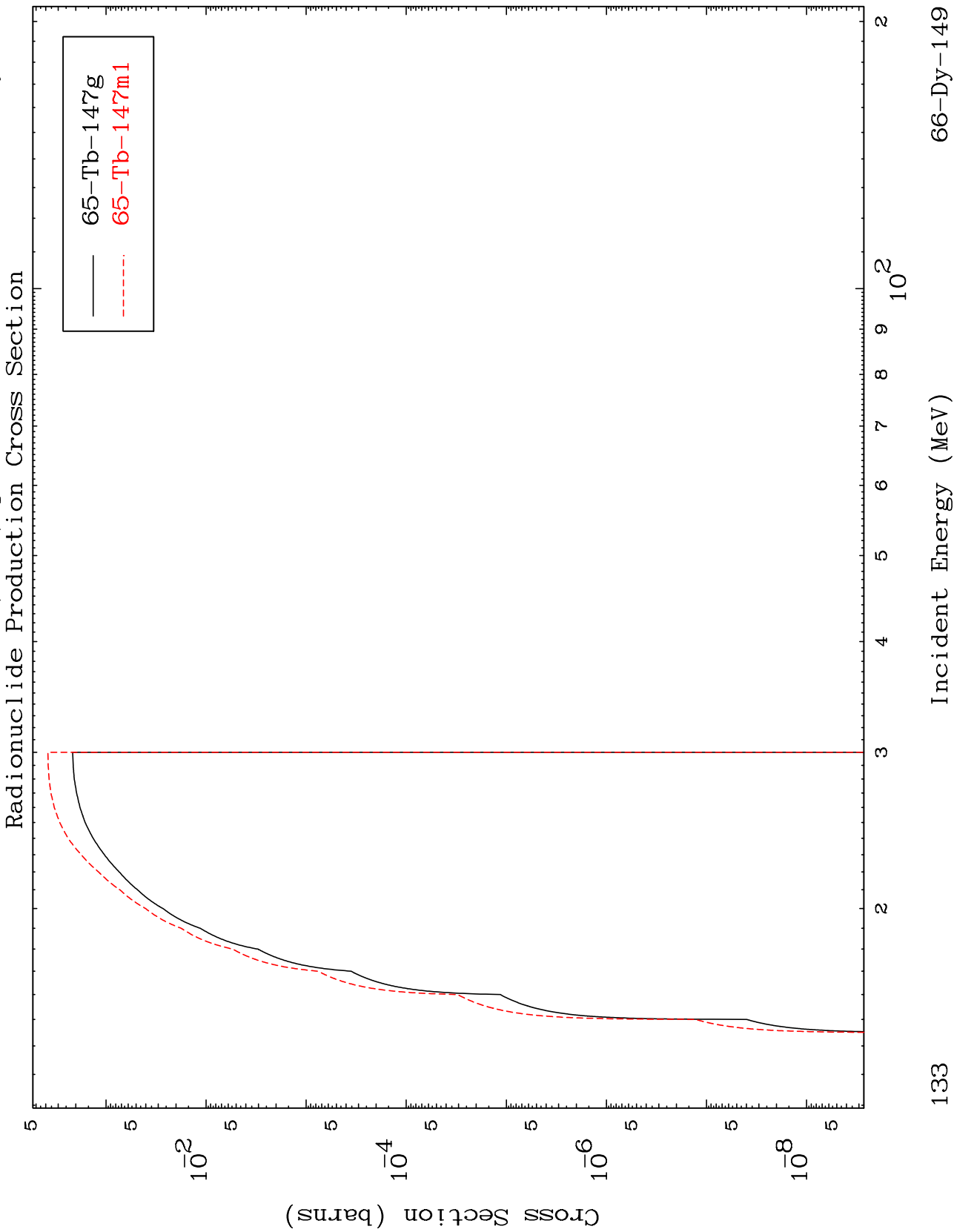
Radionuclide Production Cross Section



132

Incident Energy (MeV)

66-Dy-149

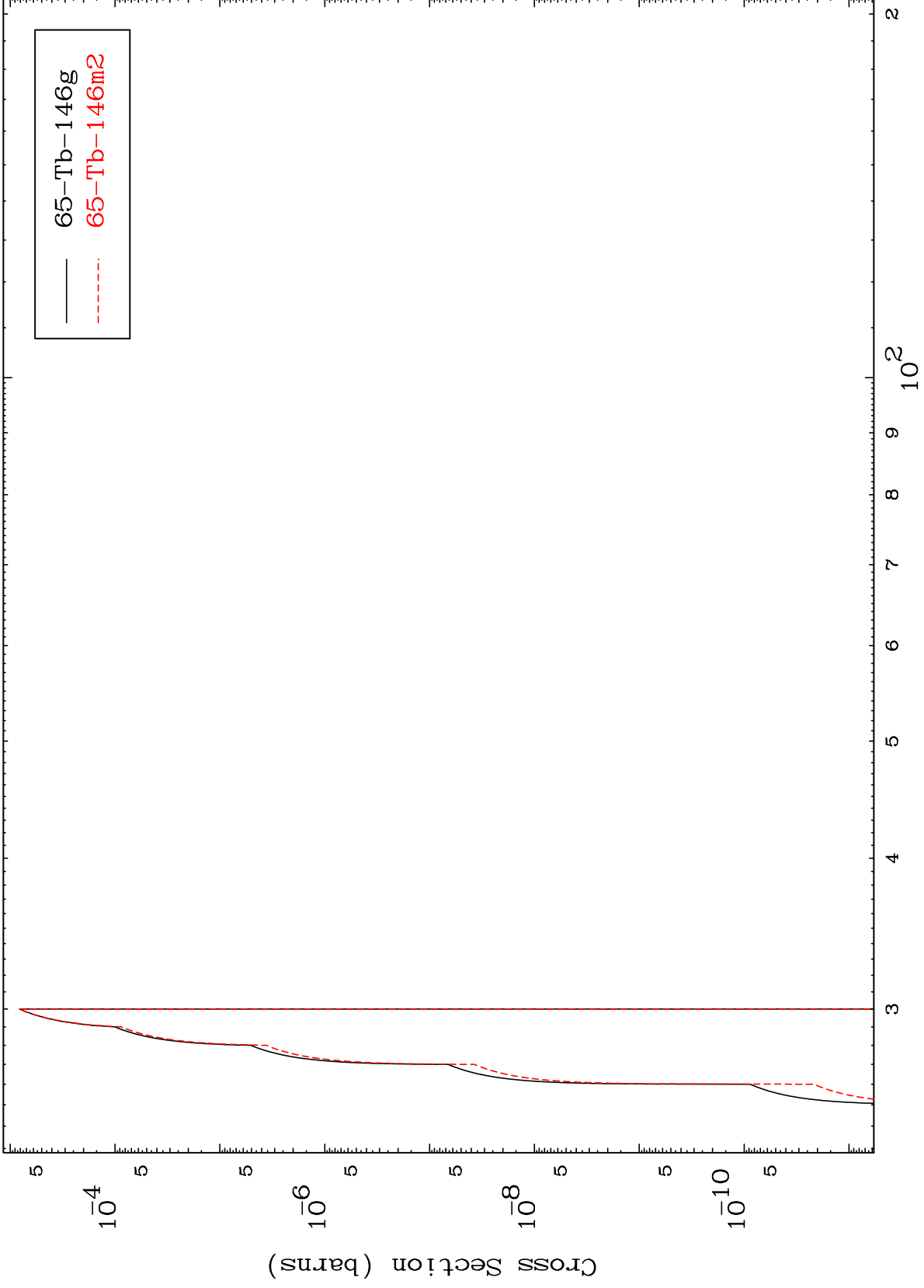


MAT 6604

(n,3n) p

66-Dy-149

Radionuclide Production Cross Section



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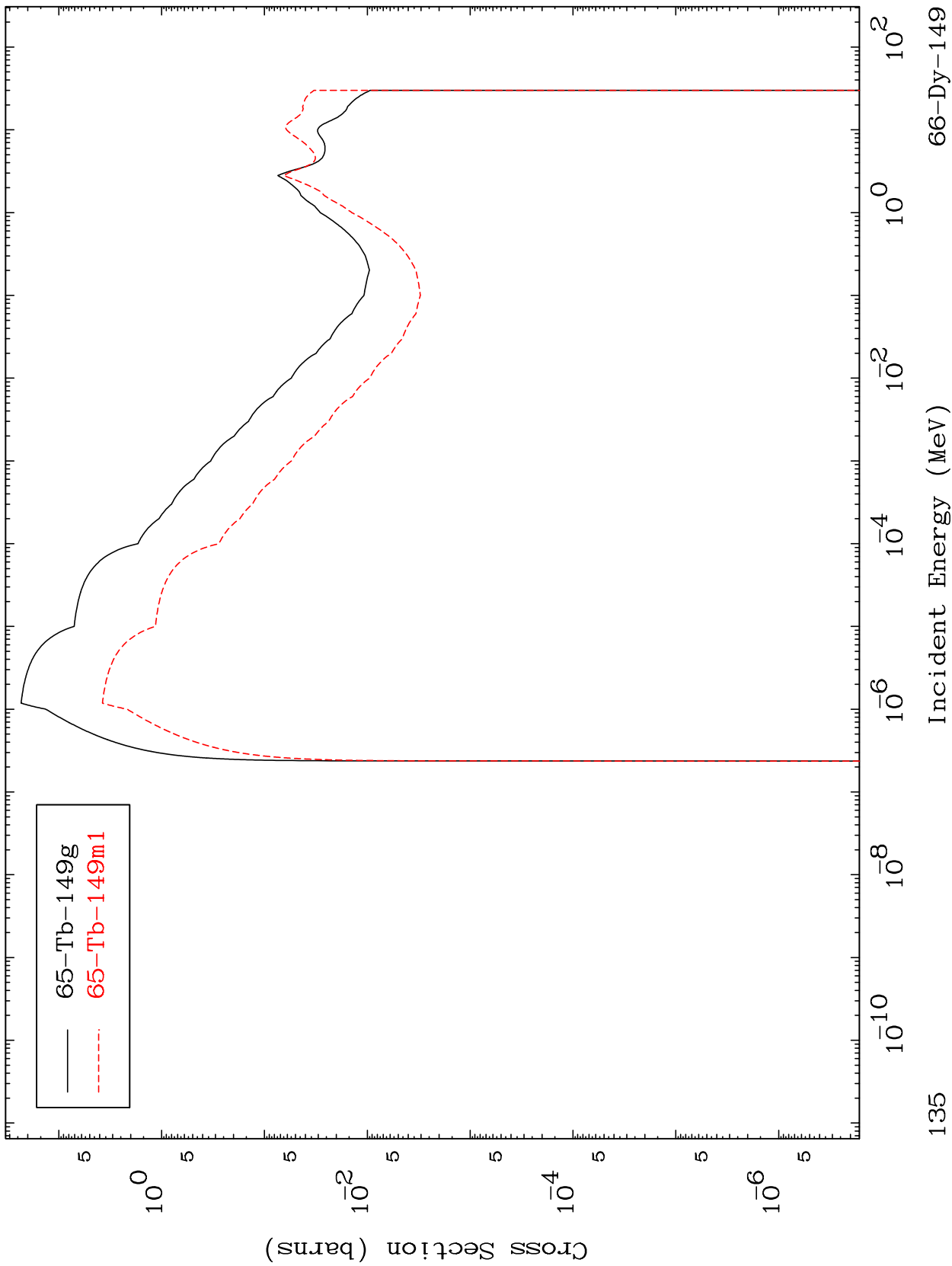
Incident Energy (MeV)

66-Dy-149

MAT 6604

66-Dy-149

(n,p)
Radionuclide Production Cross Section

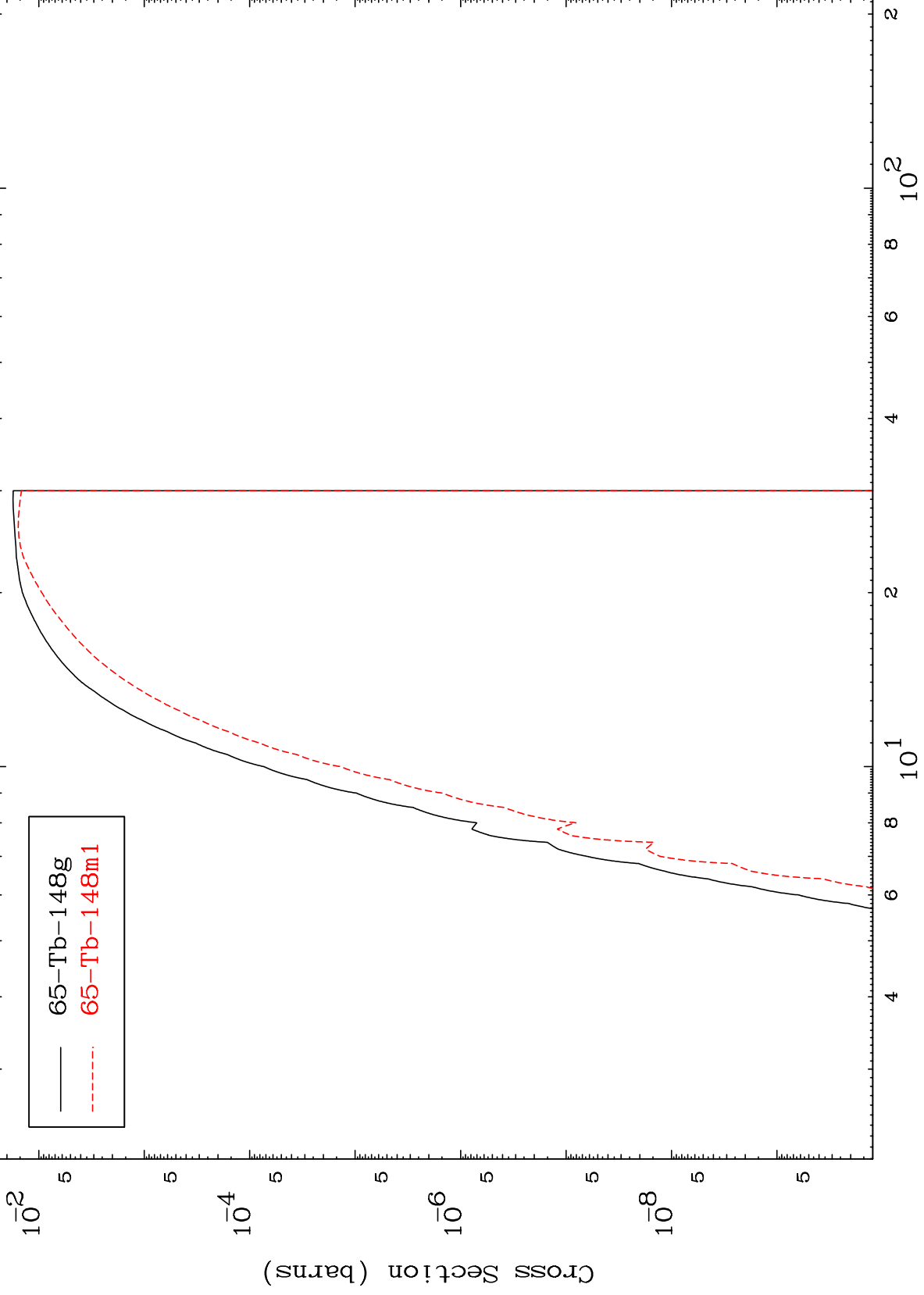


MAT 6604

(n,d)

66-Dy-149

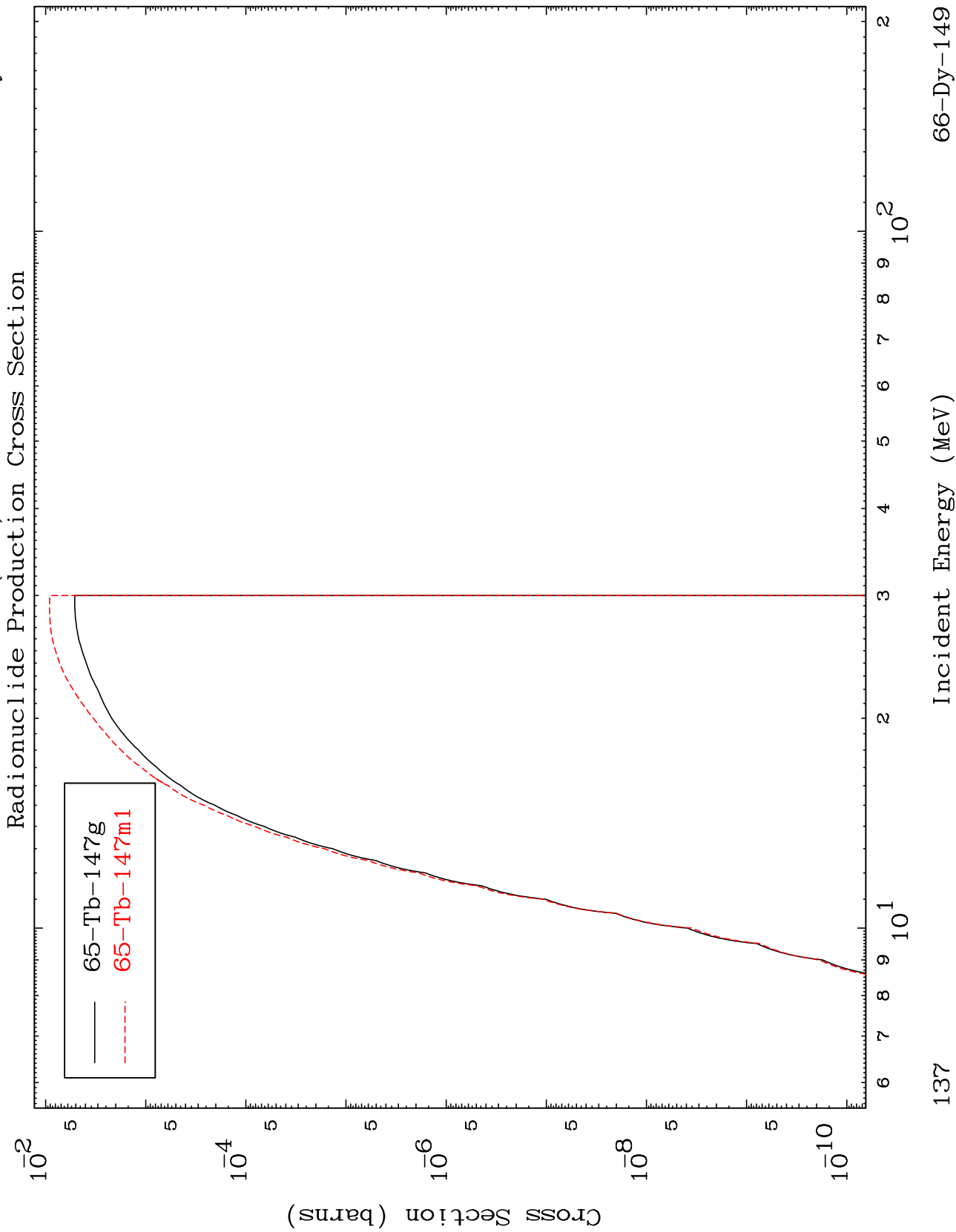
Radionuclide Production Cross Section



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

MAT 6604

66-Dy-149



— 65-Tb-147g
- - - 65-Tb-147m1

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