

Program EVALPLOT  
(Version 2018-1)

by

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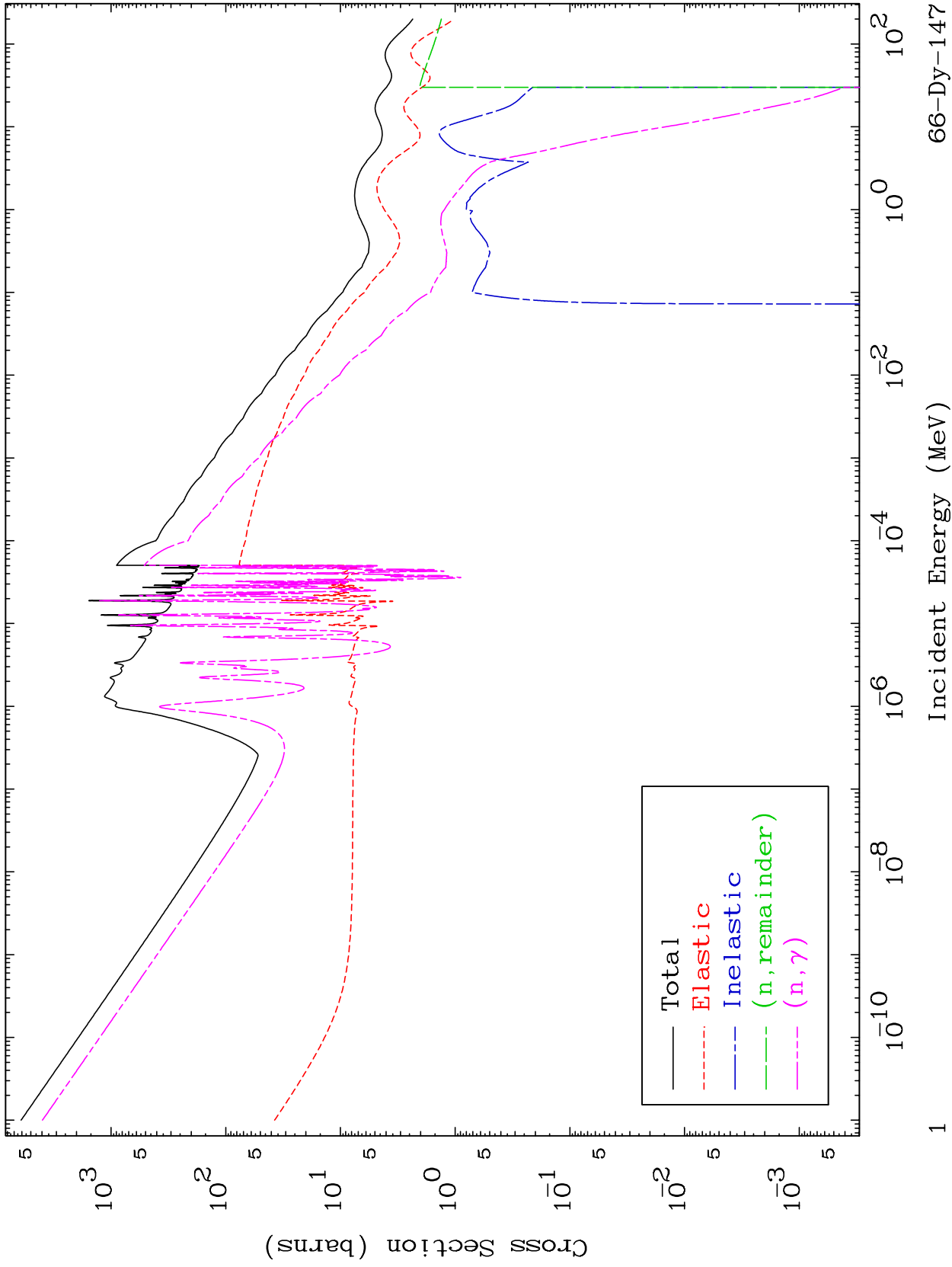
Press Mouse Button to Start

MAT 6598

Major

293 Kelvin Cross Sections

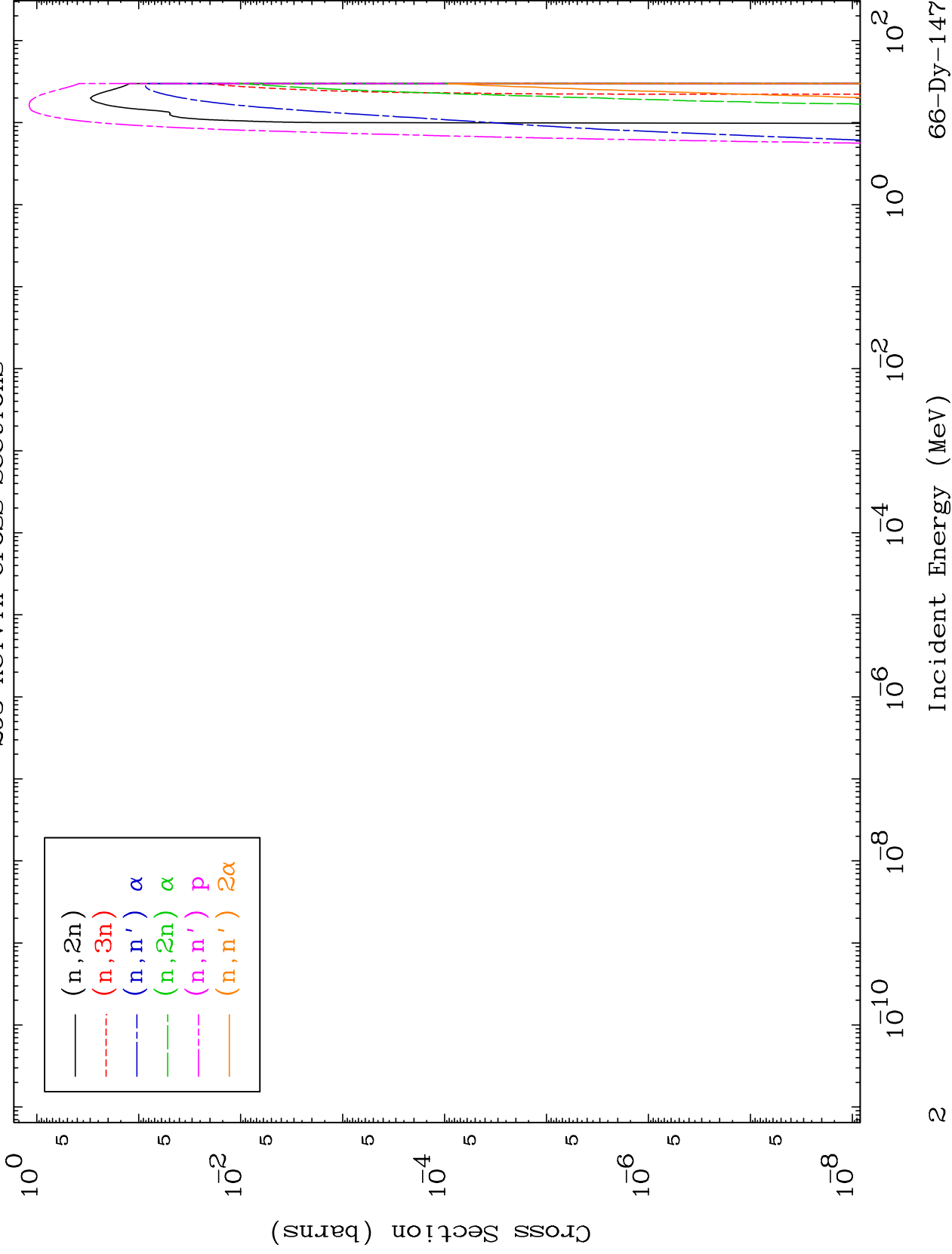
66-Dy-147

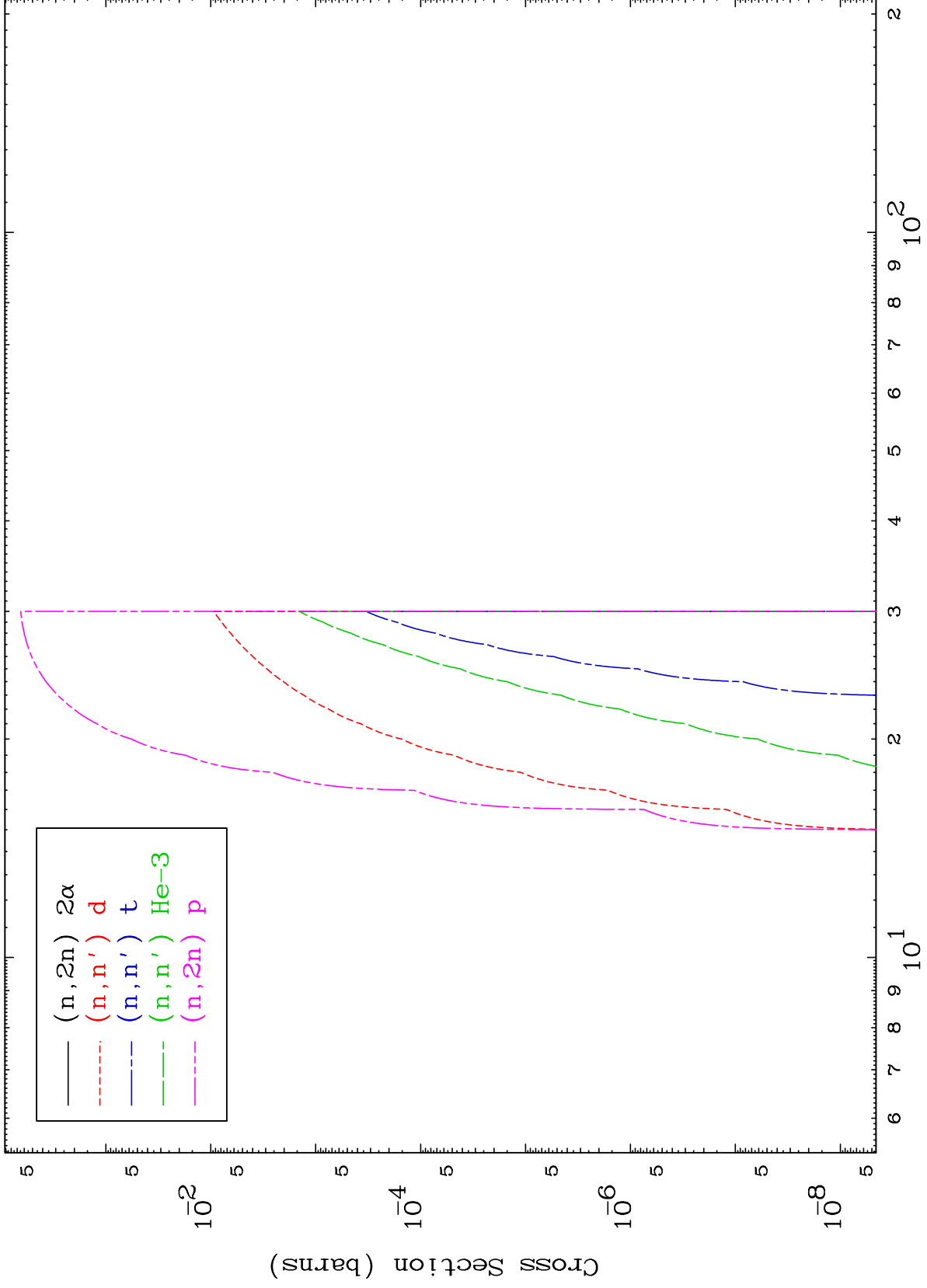


MAT 6598

Neutron Production  
293 Kelvin Cross Sections

66-Dy-147

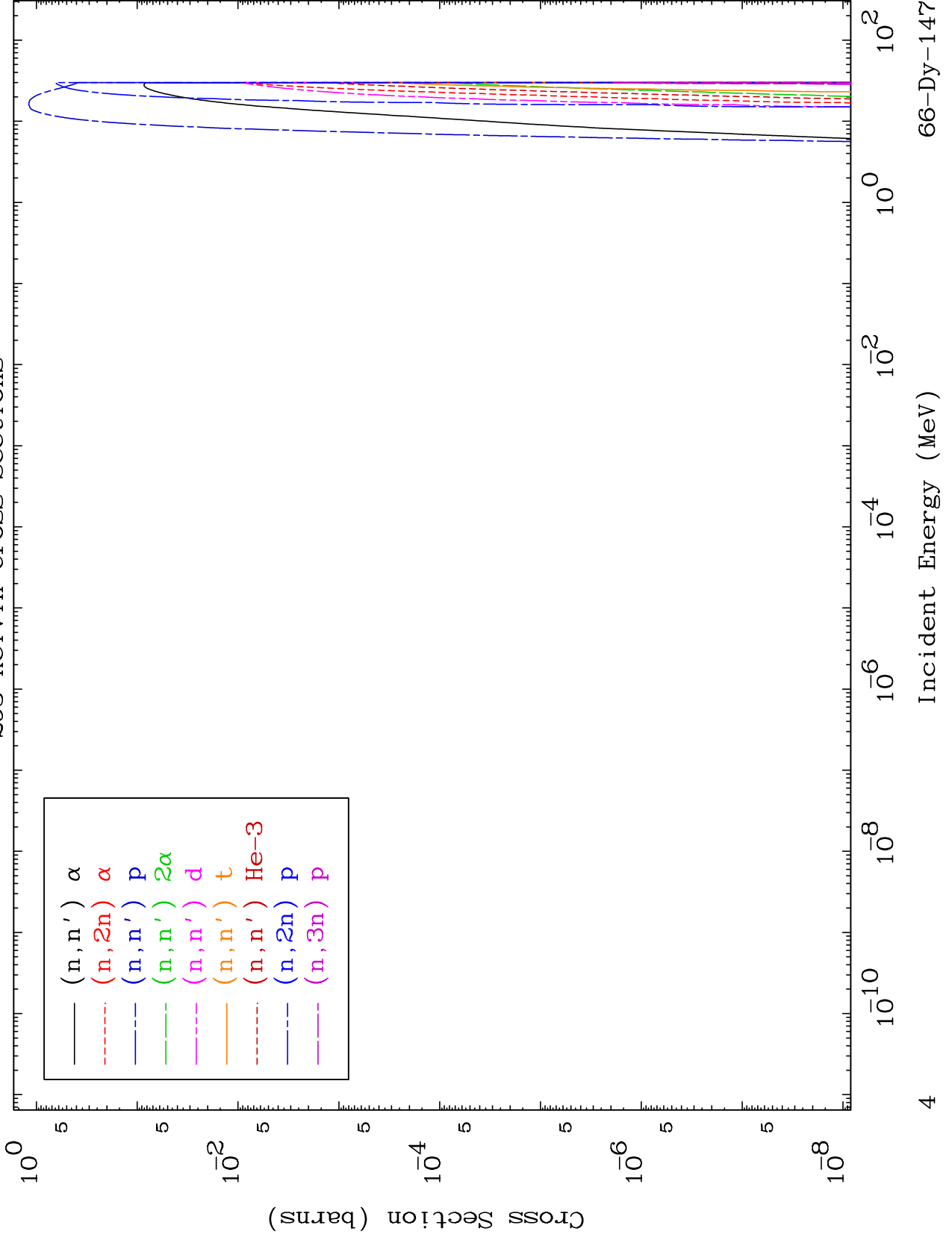


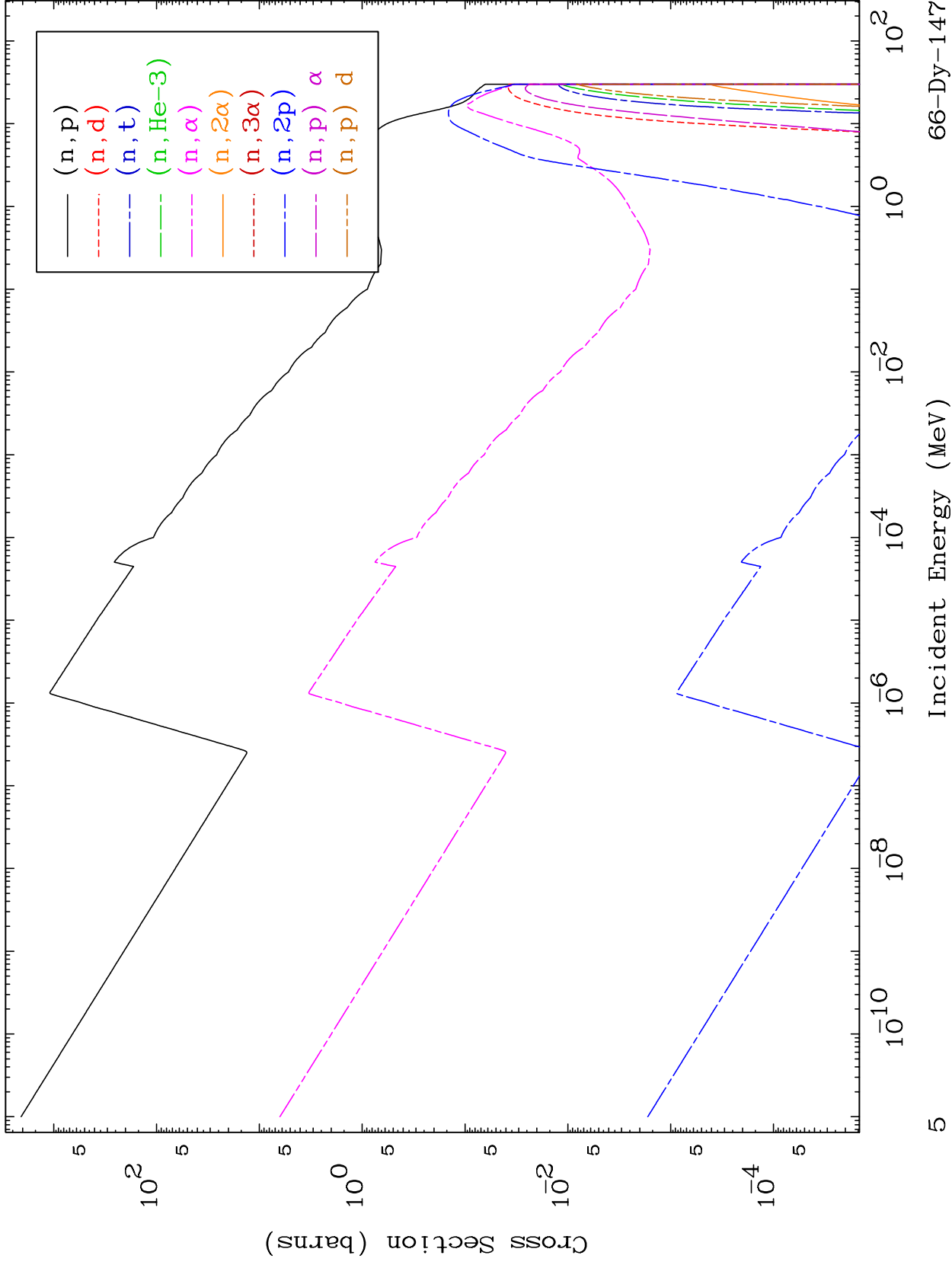


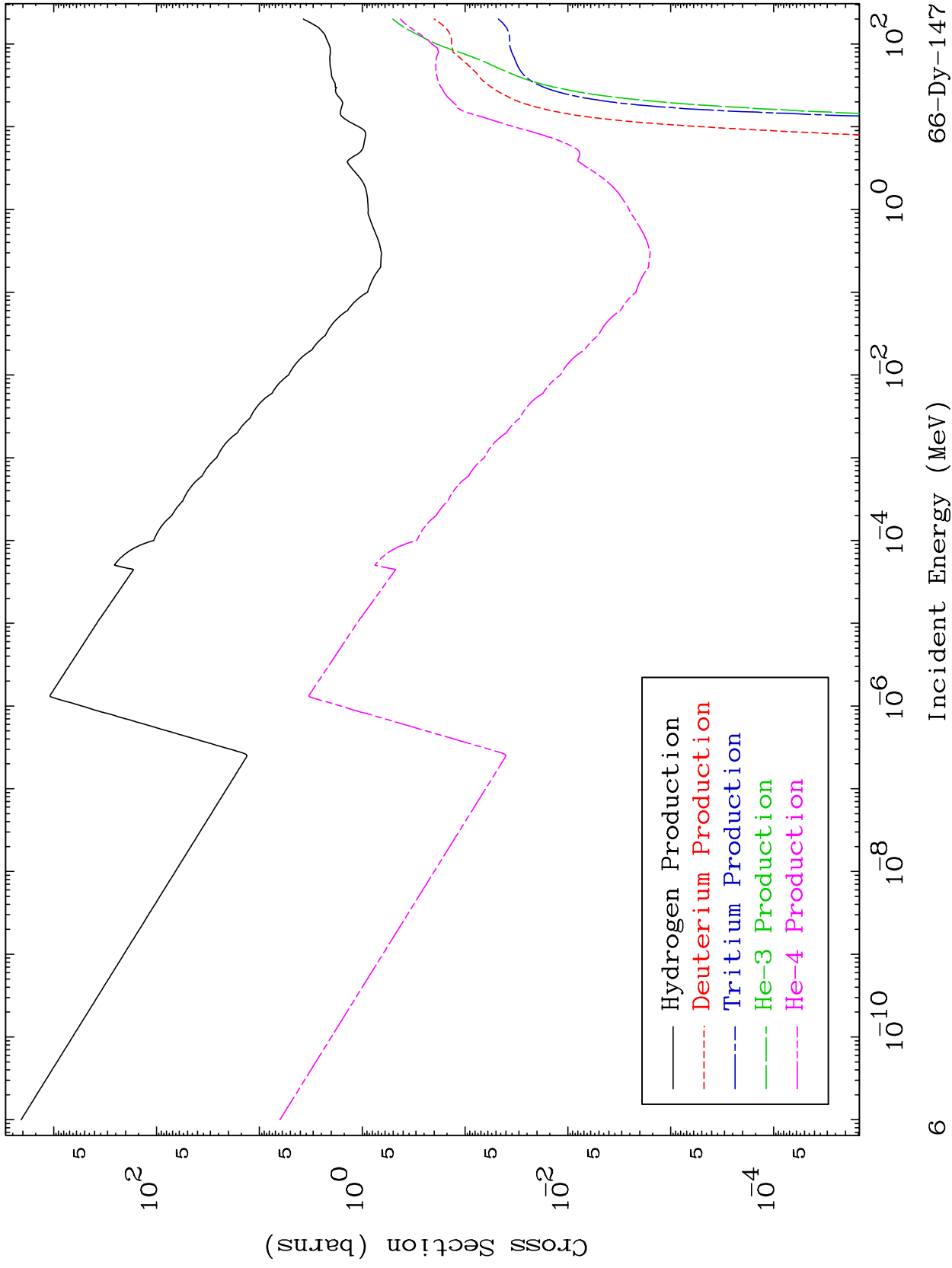
MAT 6598

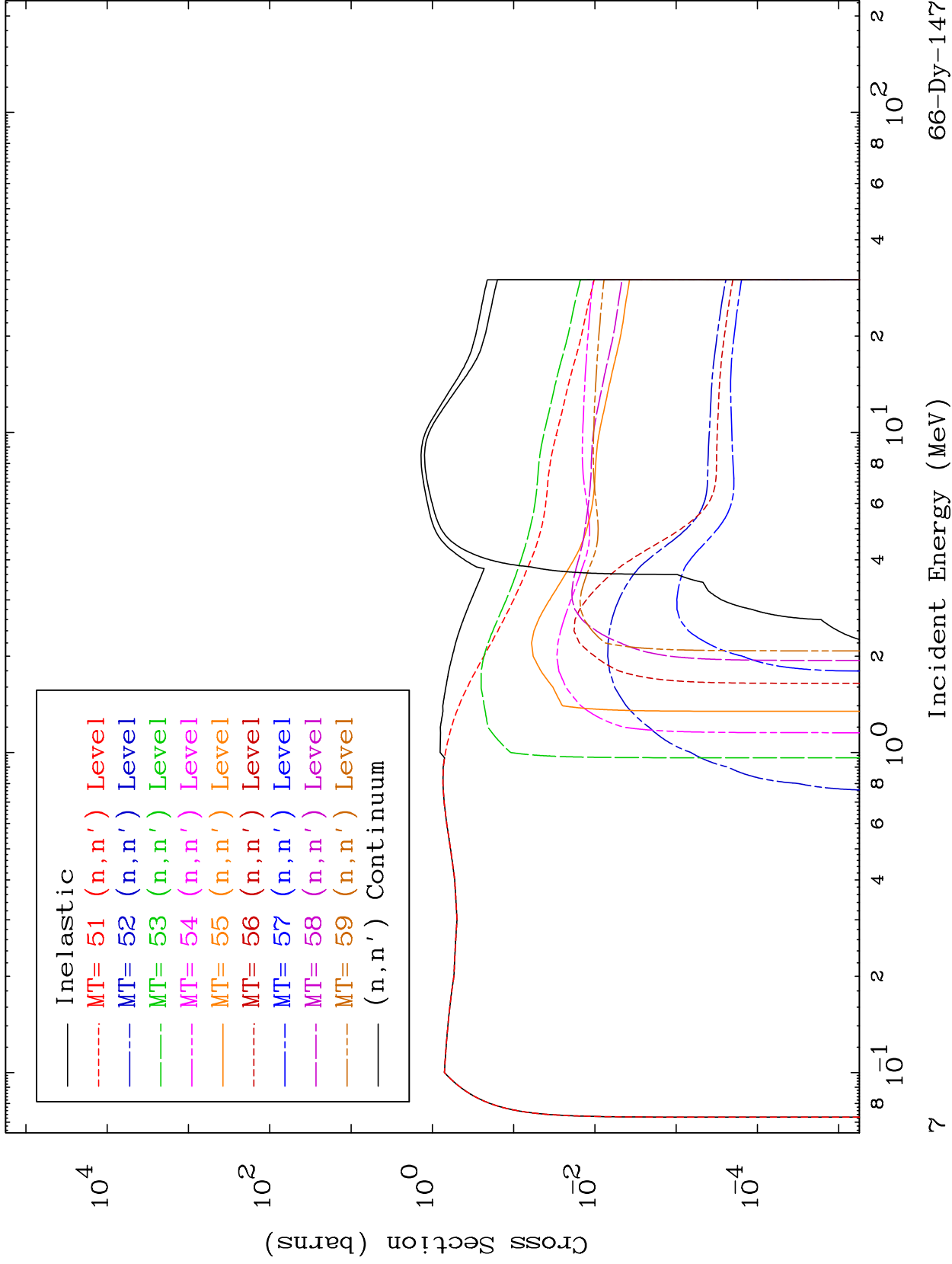
Charged Particle  
293 Kelvin Cross Sections

66-Dy-147







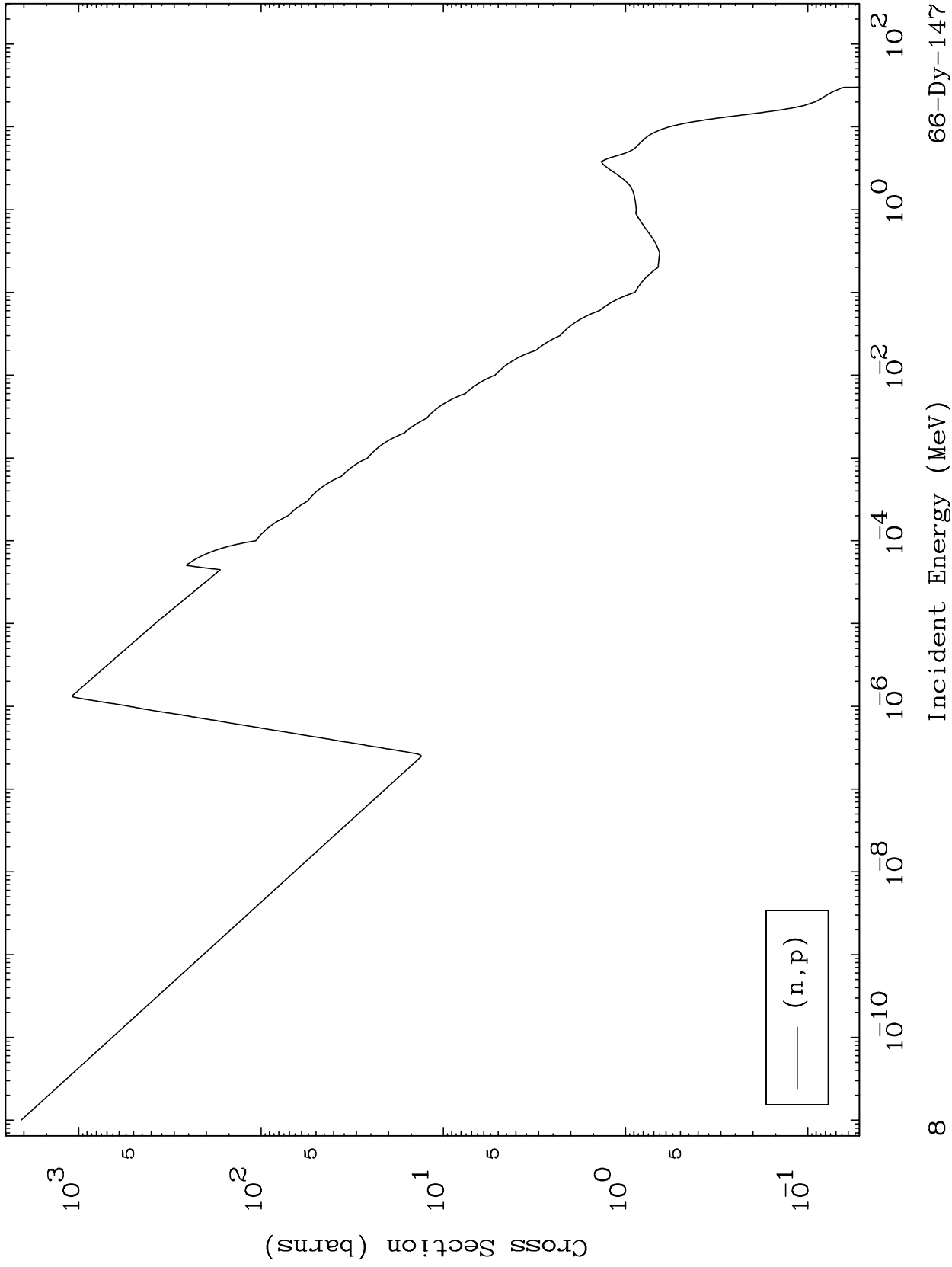




MAT 6598

(n,p) Levels  
293 Kelvin Cross Sections

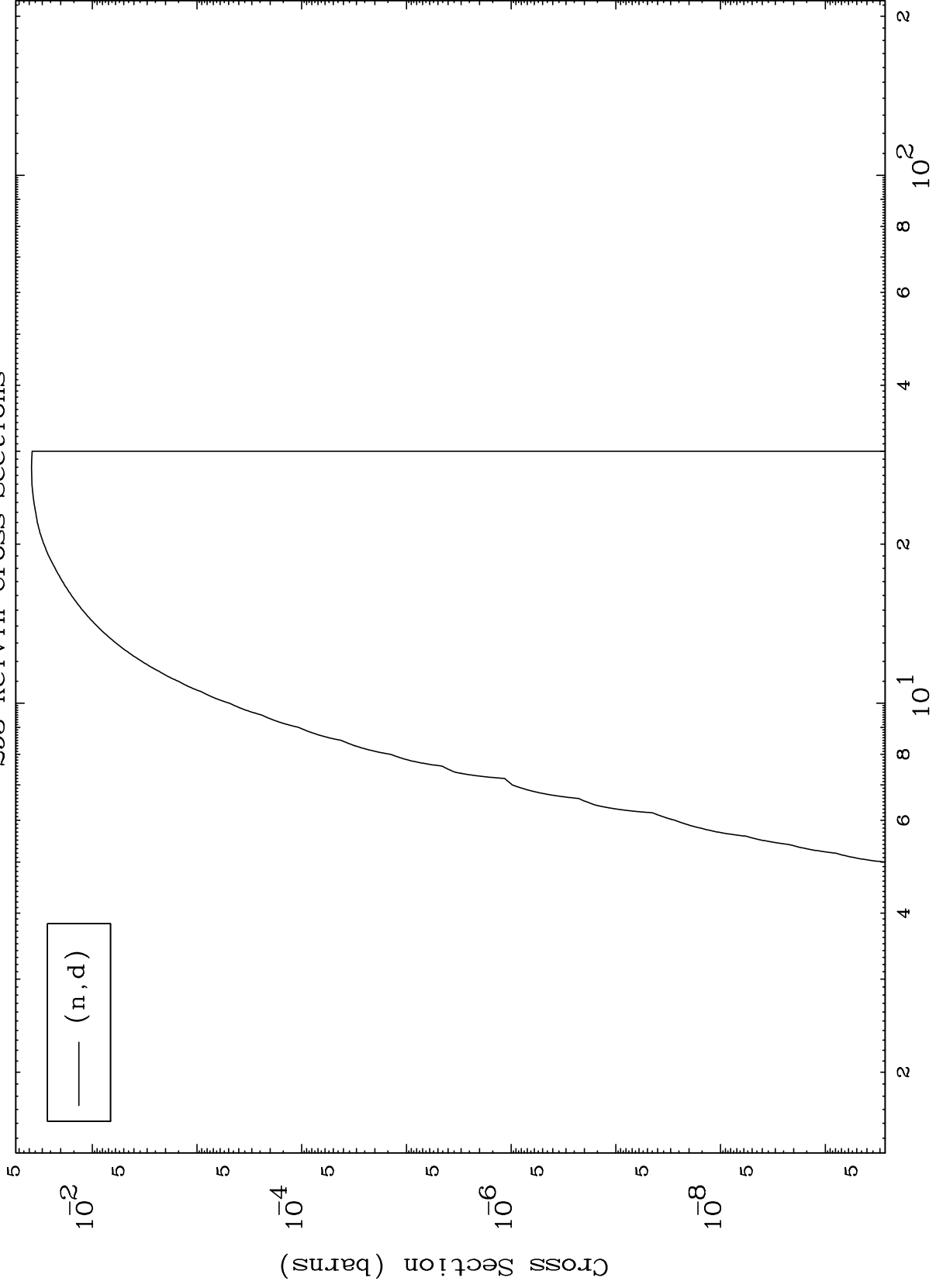
66-Dy-147



MAT 6598

(n,d) Levels  
293 Kelvin Cross Sections

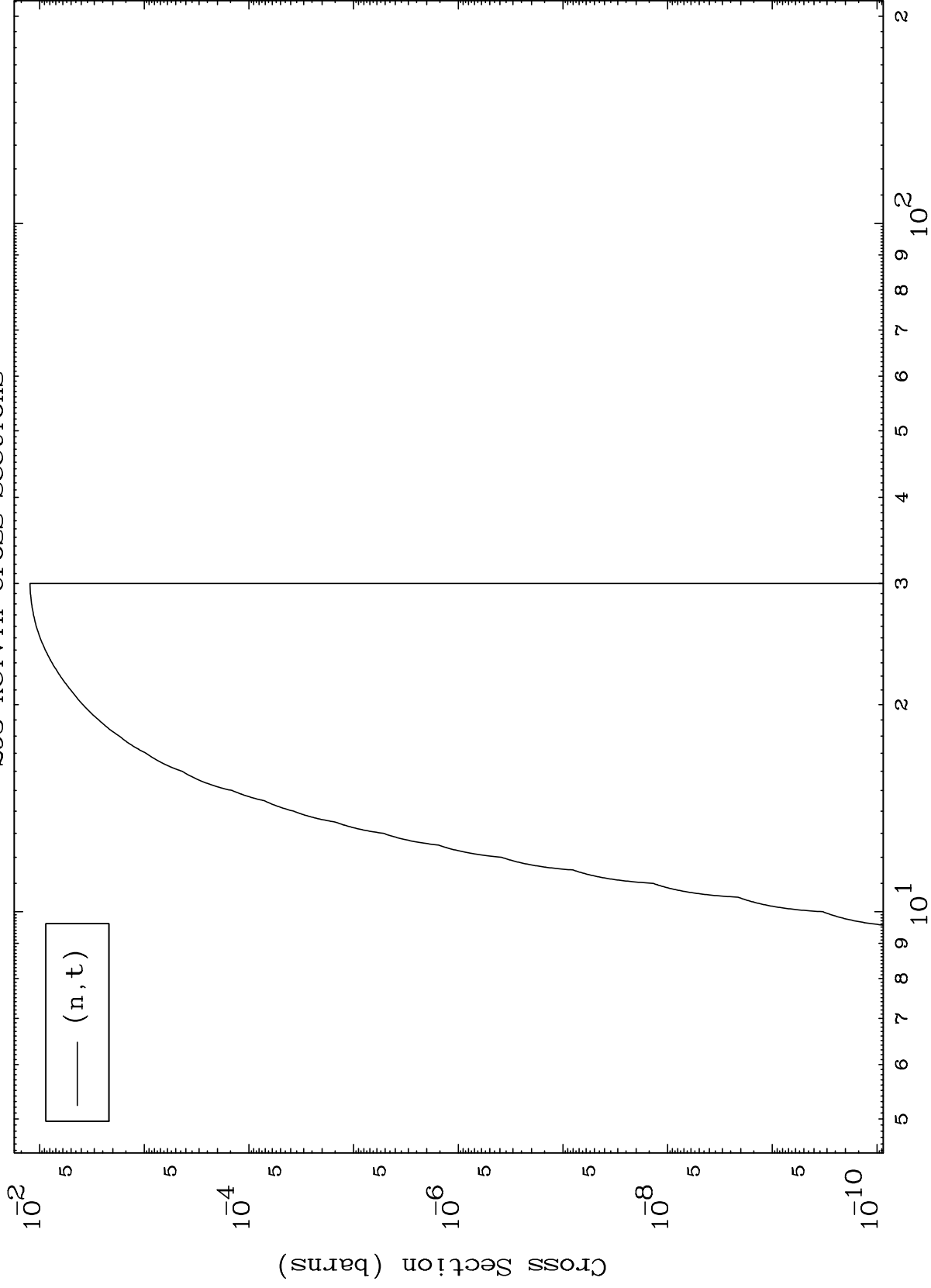
66-Dy-147



MAT 6598

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-147



10

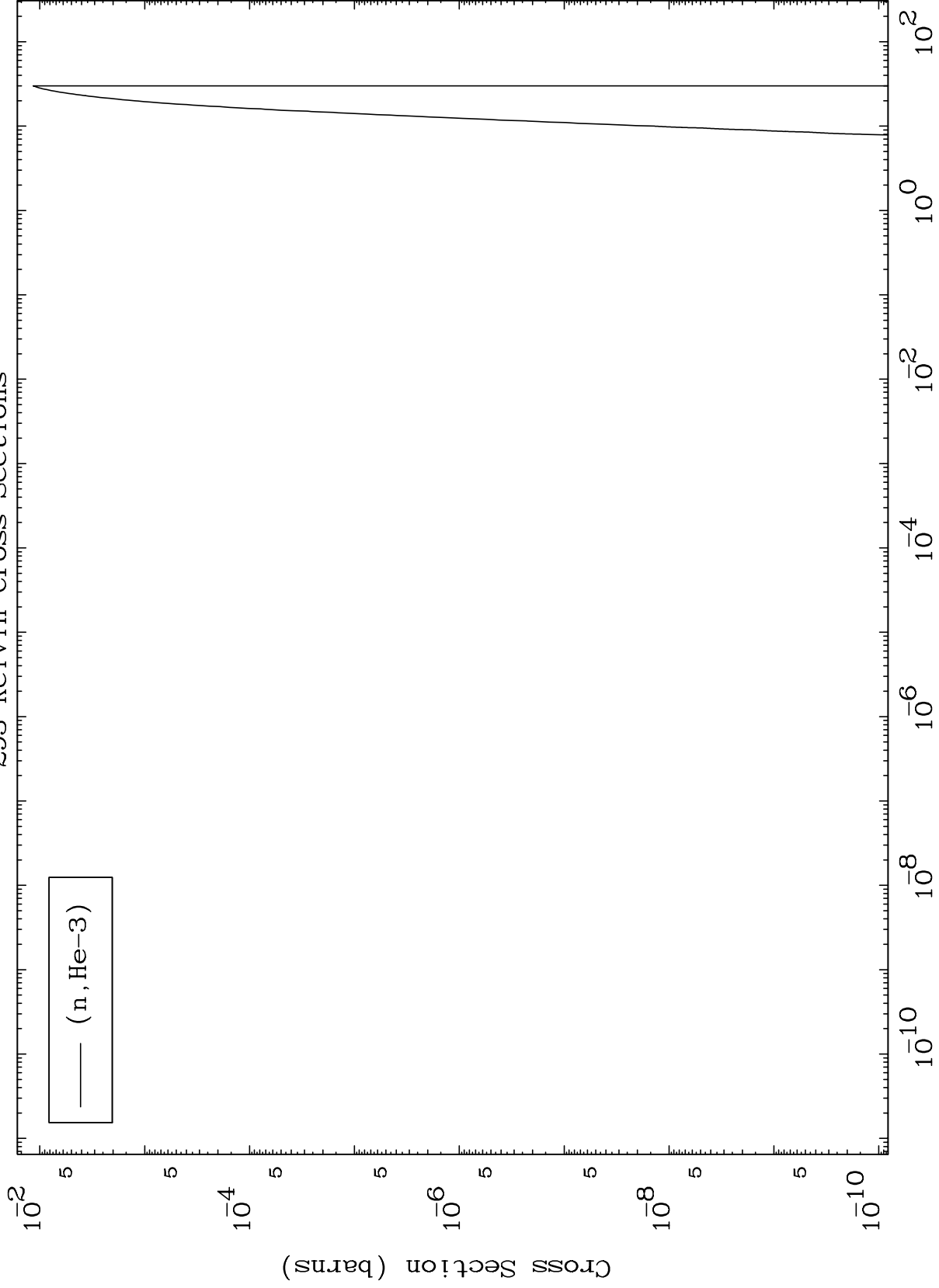
Incident Energy (MeV)

66-Dy-147

MAT 6598

(n,He3) Levels  
293 Kelvin Cross Sections

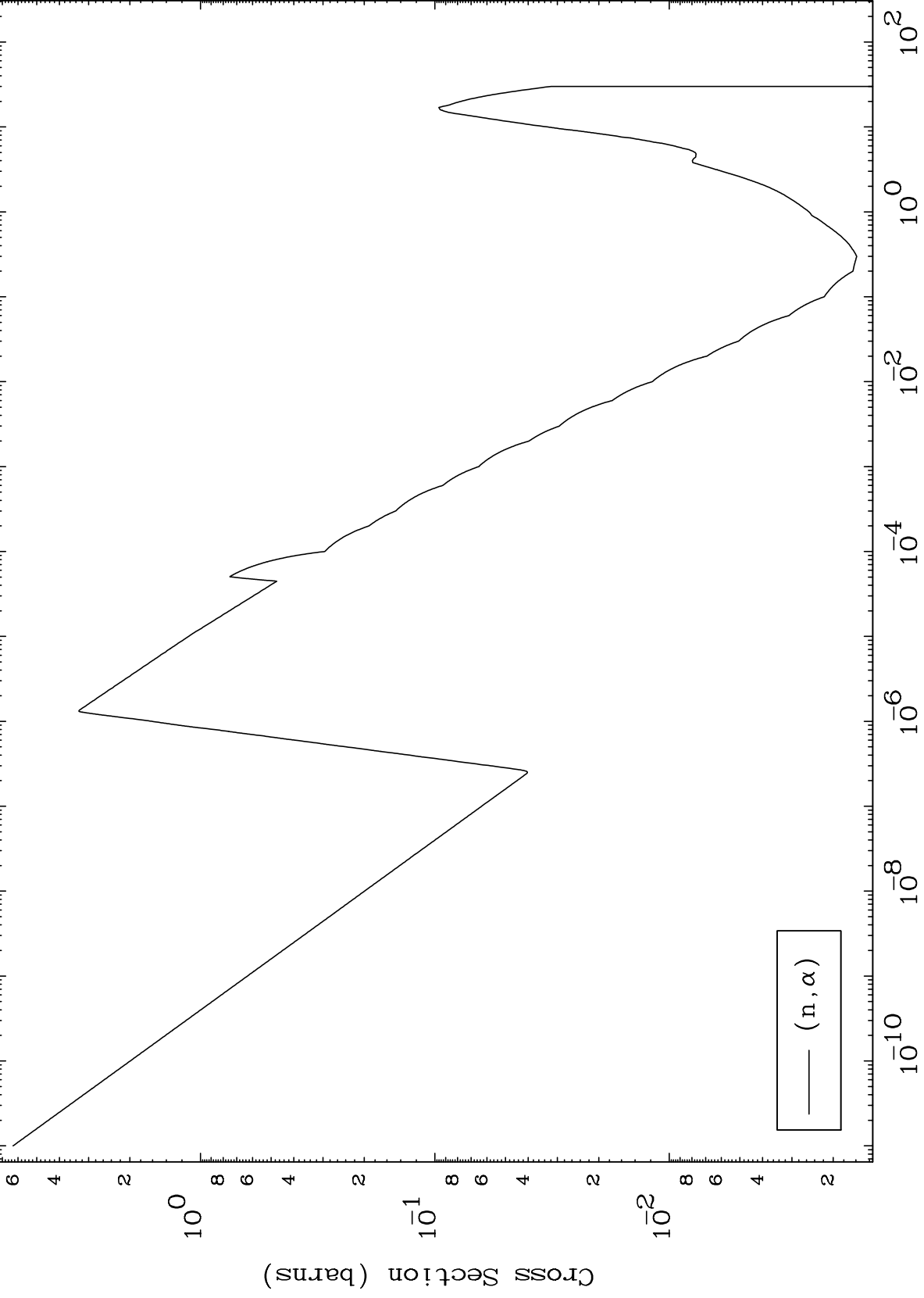
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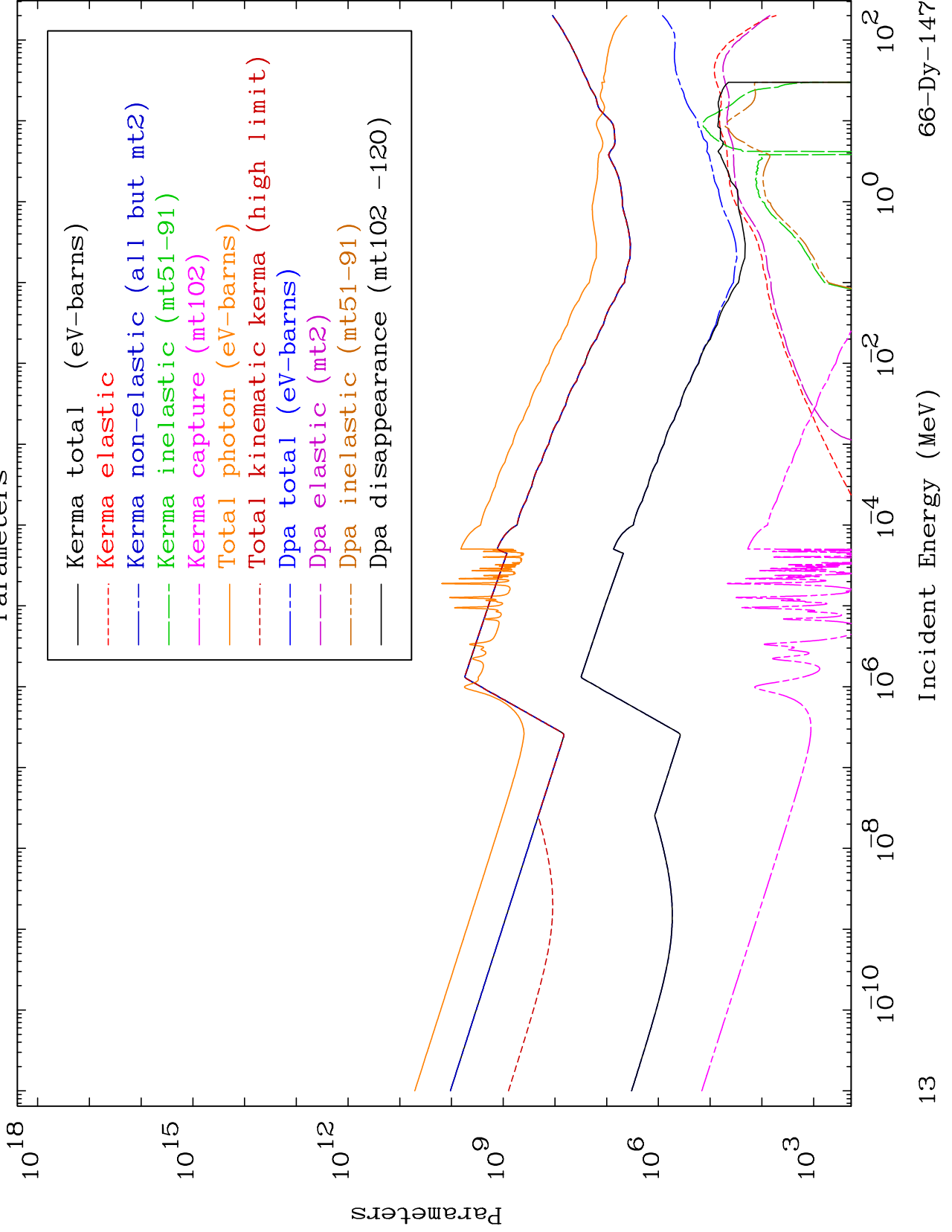


MAT 6598

(n,α) Levels  
293 Kelvin Cross Sections

66-Dy-147

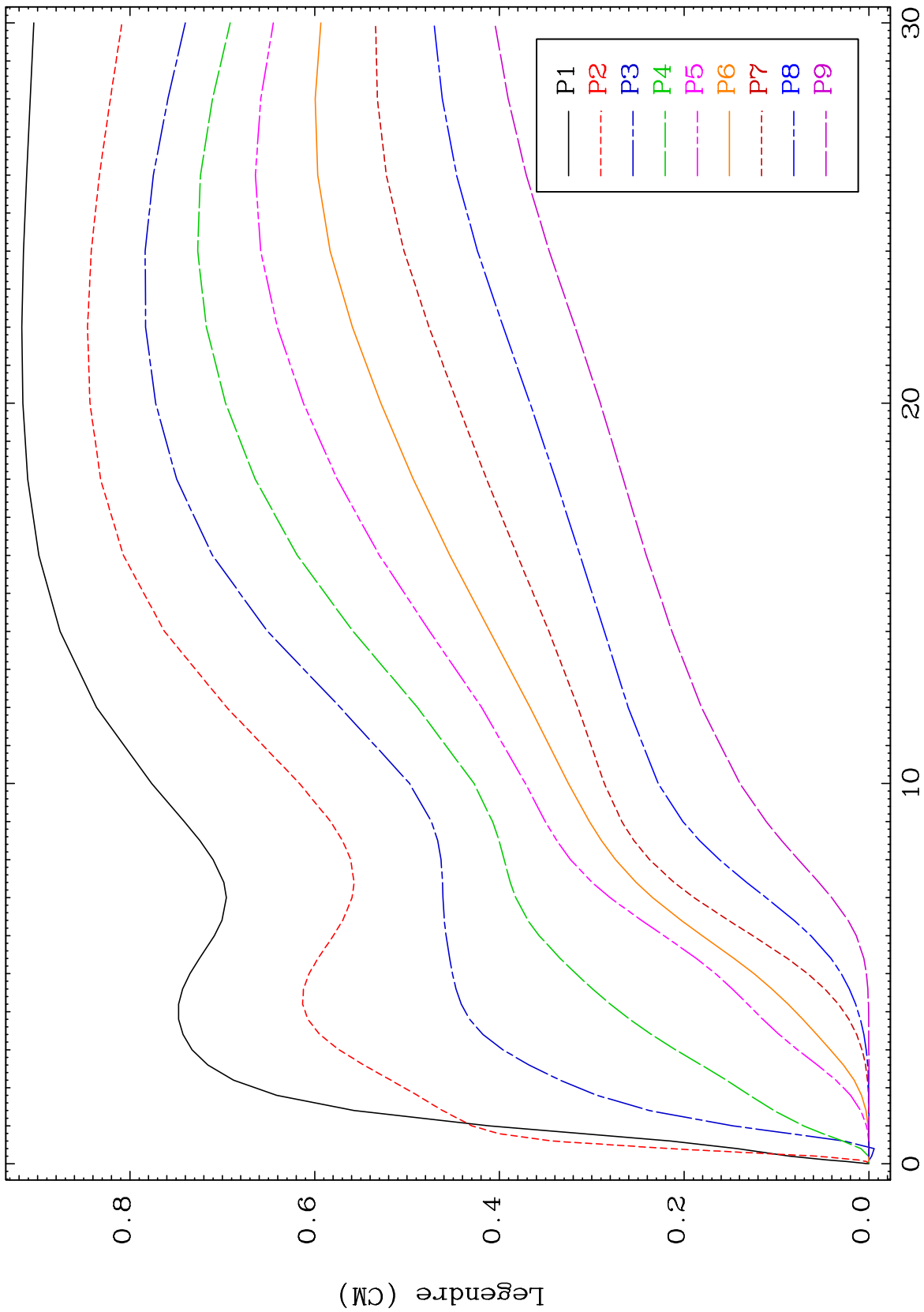




MAT 6598

Elastic Legendre Coefficients

66-Dy-147



14

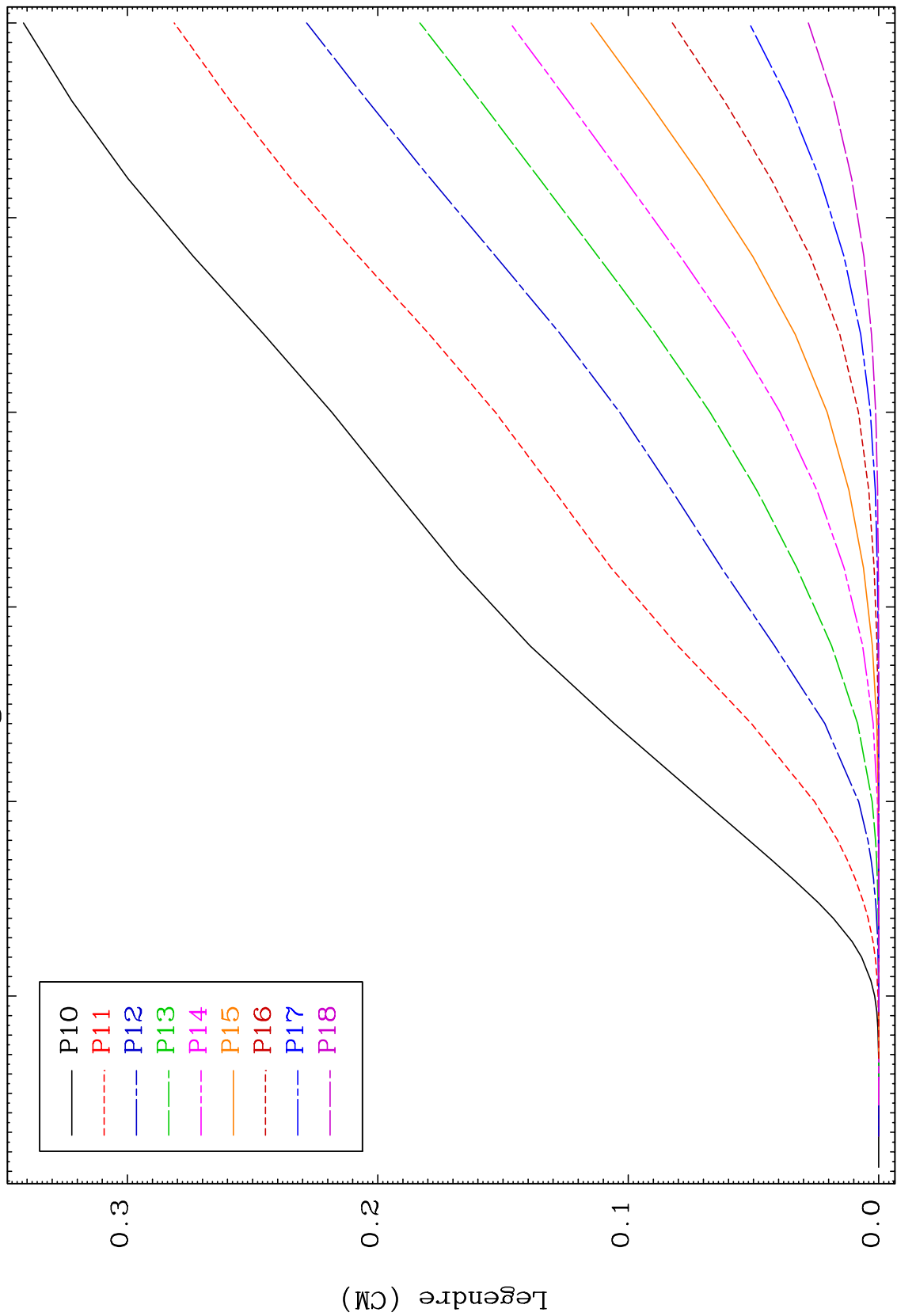
Incident Energy (MeV)

66-Dy-147

MAT 6598

Elastic  
Legendre Coefficients

66-Dy-147



15

Incident Energy (MeV)

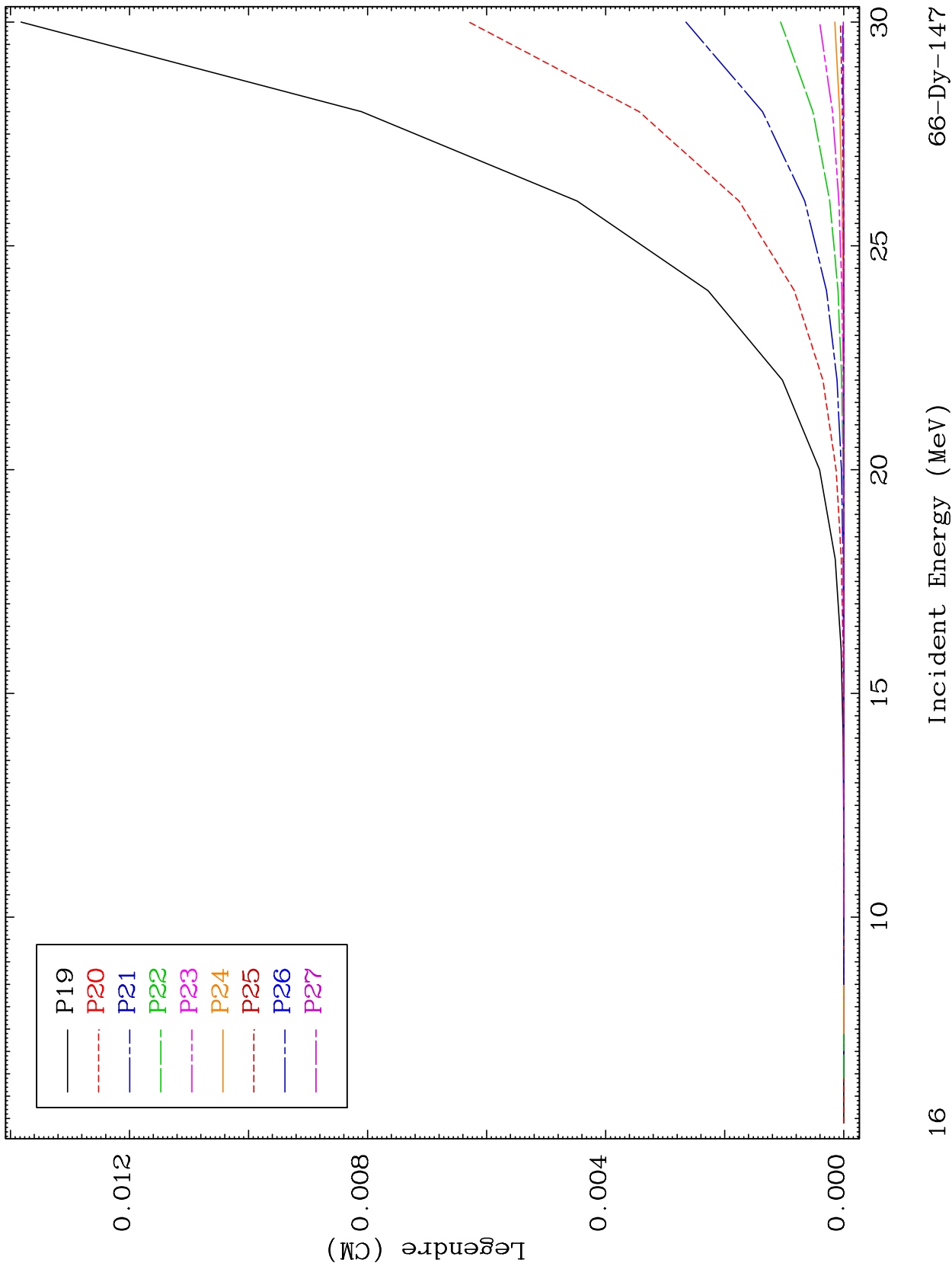
66-Dy-147



MAT 6598

### Elastic Legendre Coefficients

66-Dy-147



16

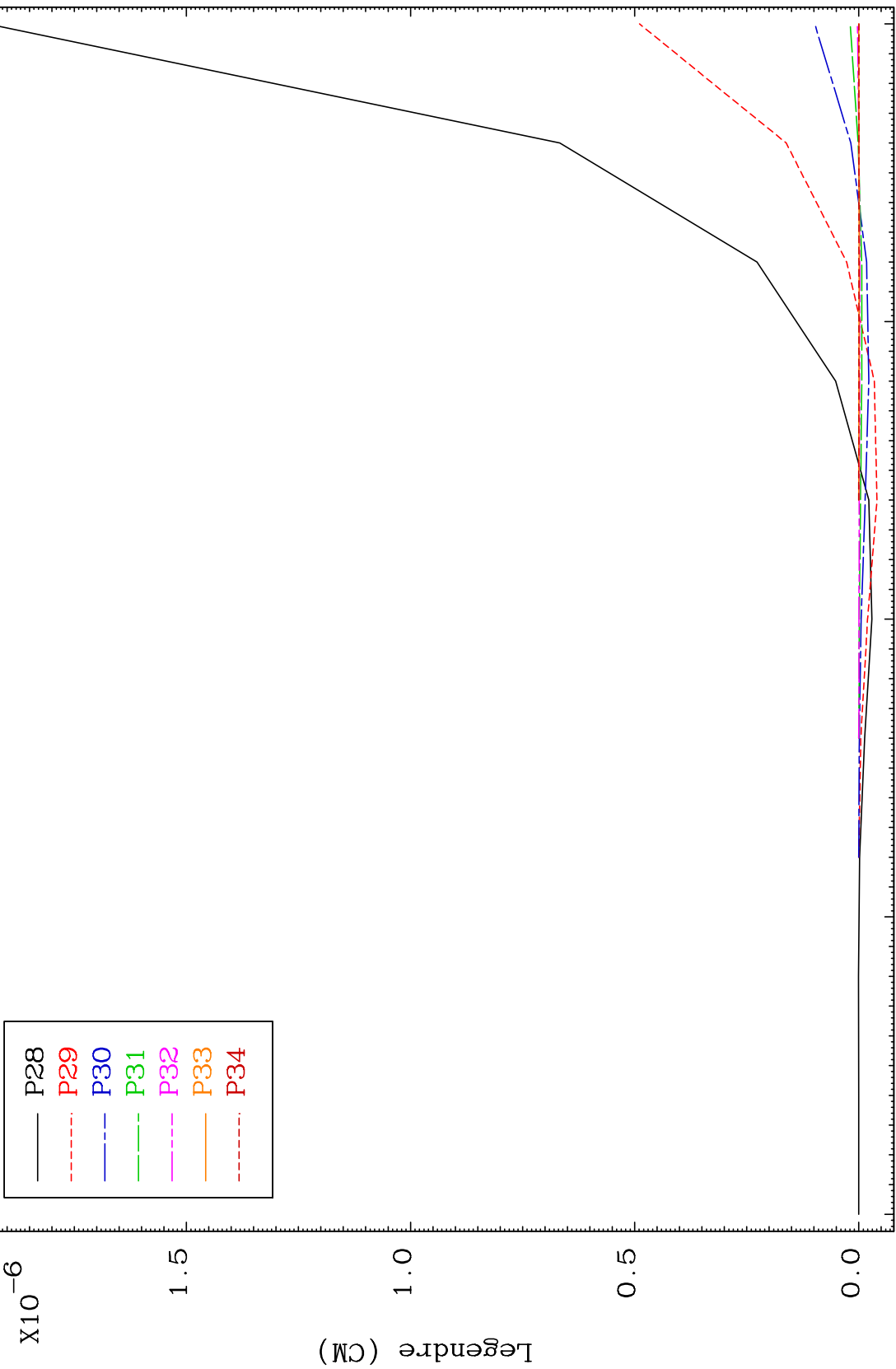
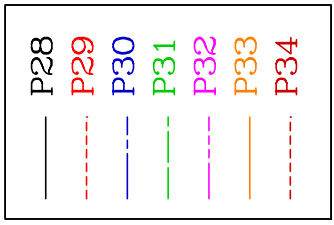
Incident Energy (MeV)

66-Dy-147

MAT 6598

Elastic Legendre Coefficients

66-Dy-147



66-Dy-147

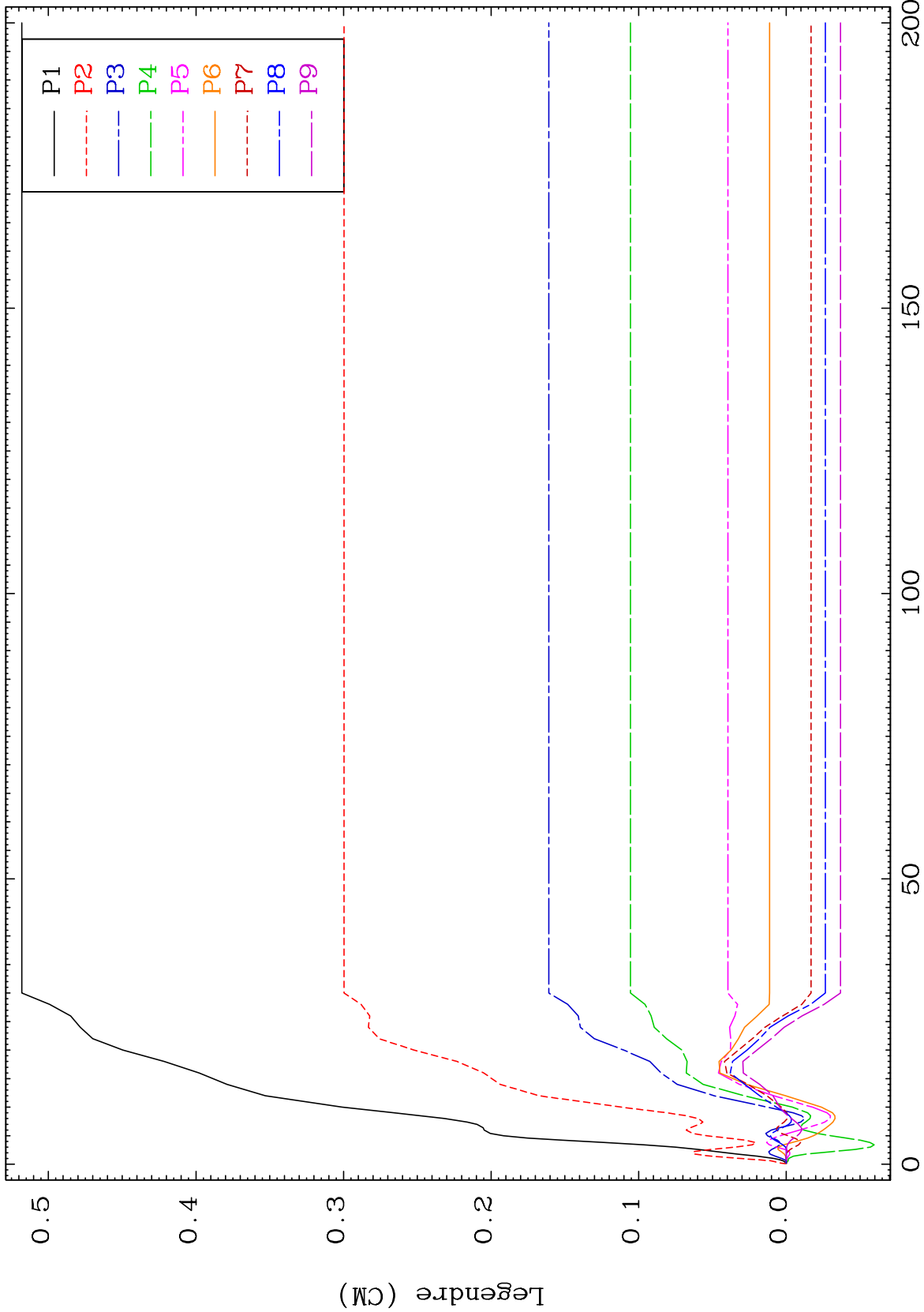
Incident Energy (MeV)

17

MAT 6598

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

66-Dy-147



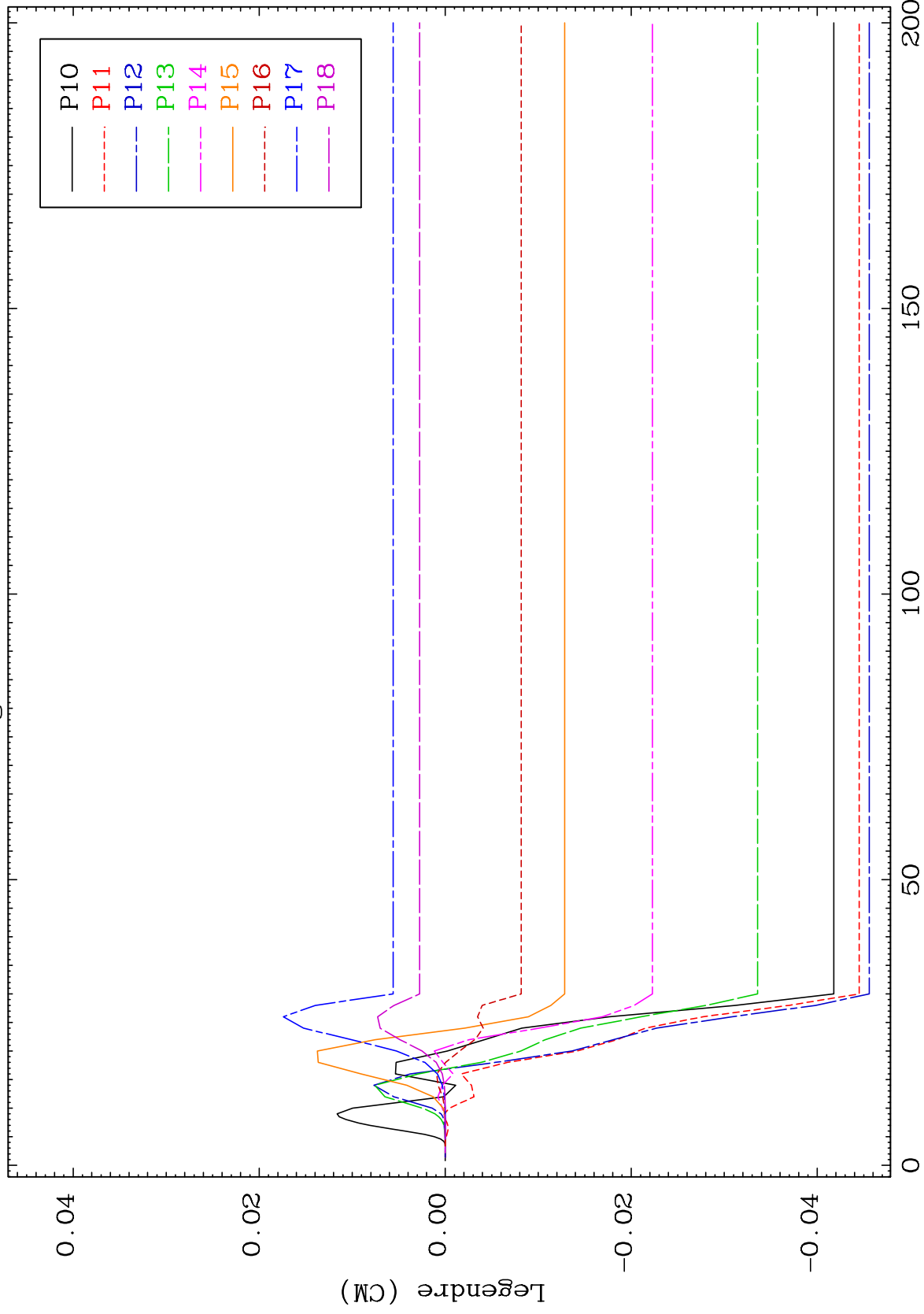
18

66-Dy-147

MAT 6598

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

66-Dy-147



19

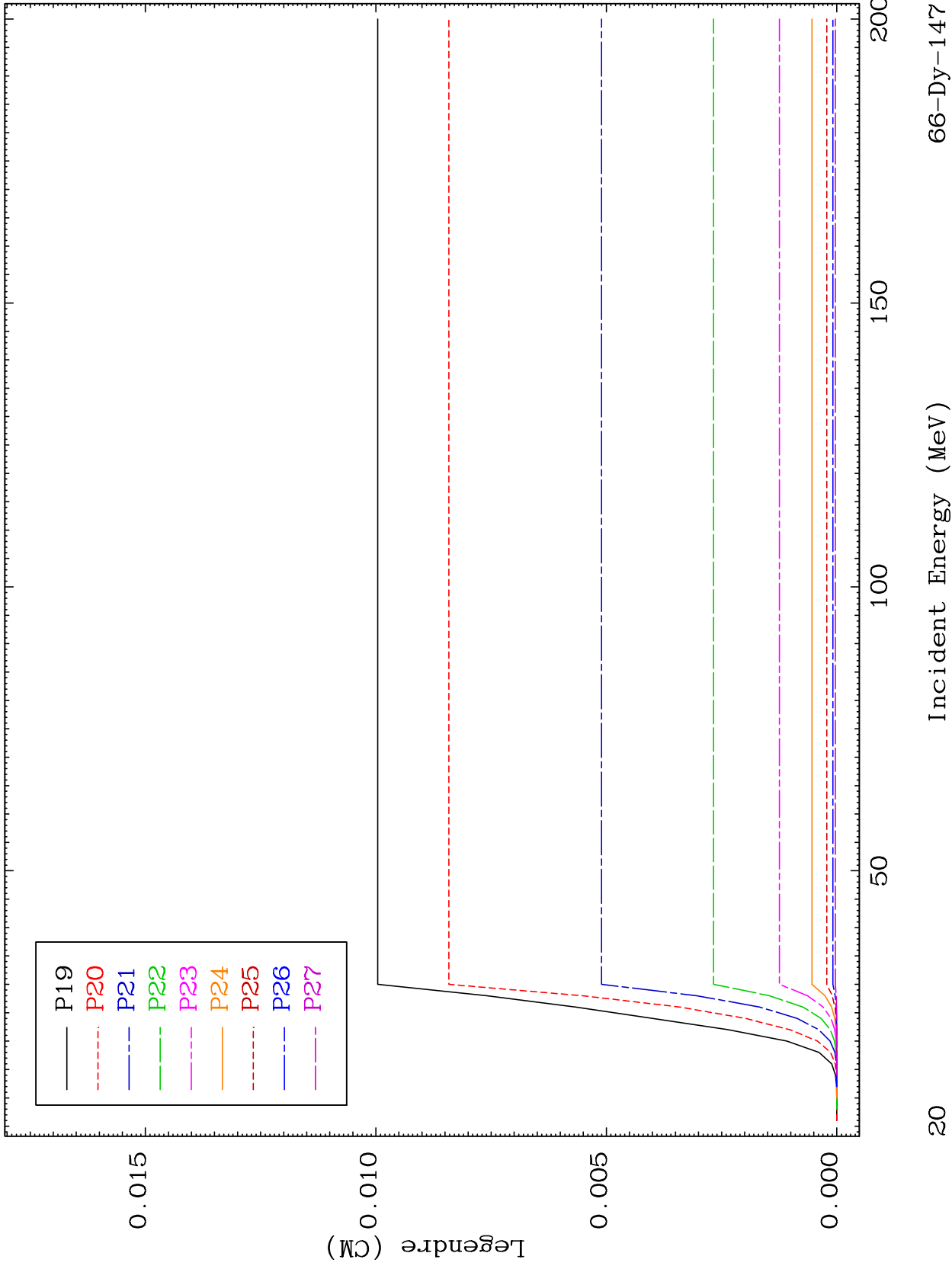
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



20

Incident Energy (MeV)

50

100

150

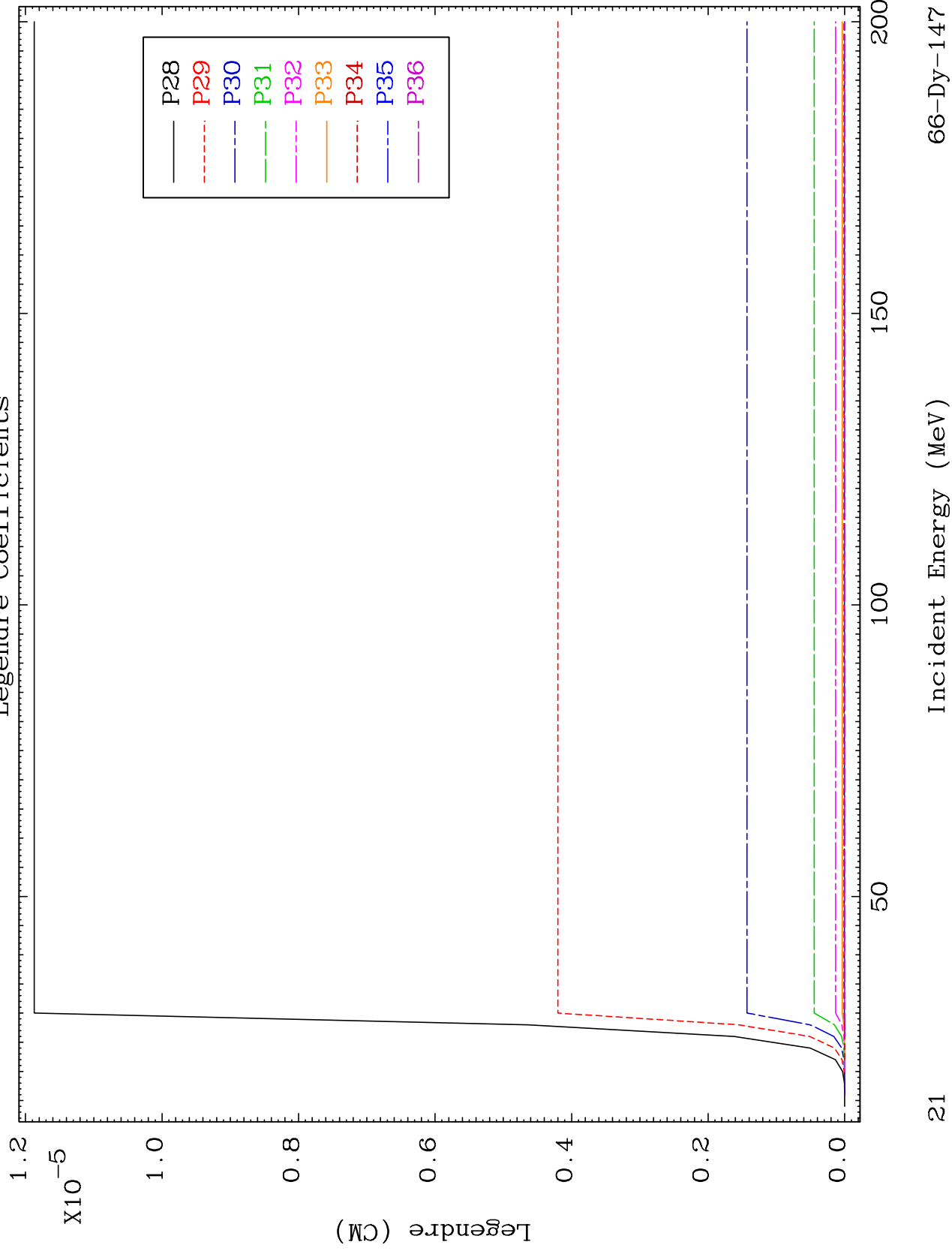
200

66-Dy-147

MAT 6598

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

66-Dy-147

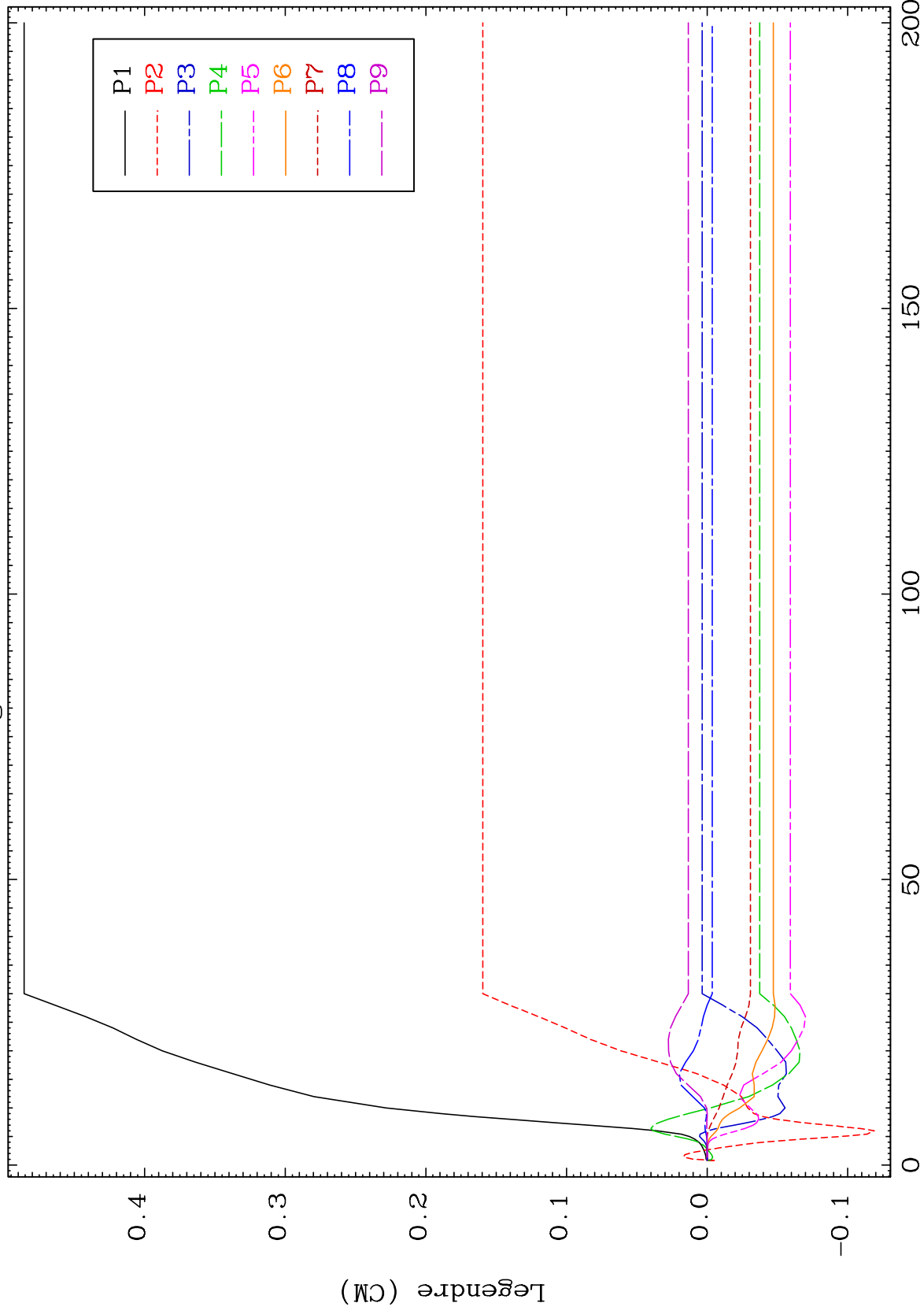


21

MAT 6598

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

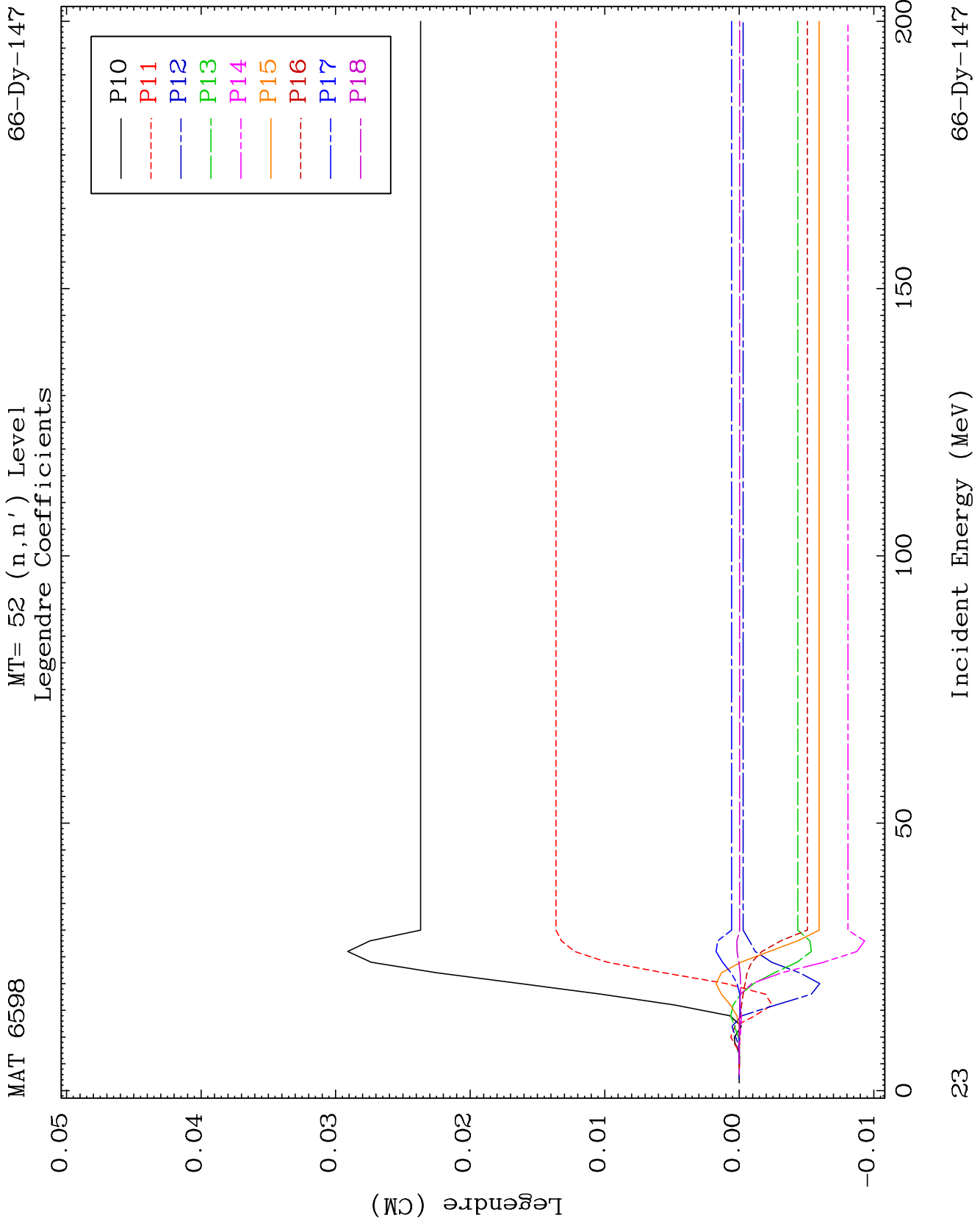
66-Dy-147



66-Dy-147

Incident Energy (MeV)

22

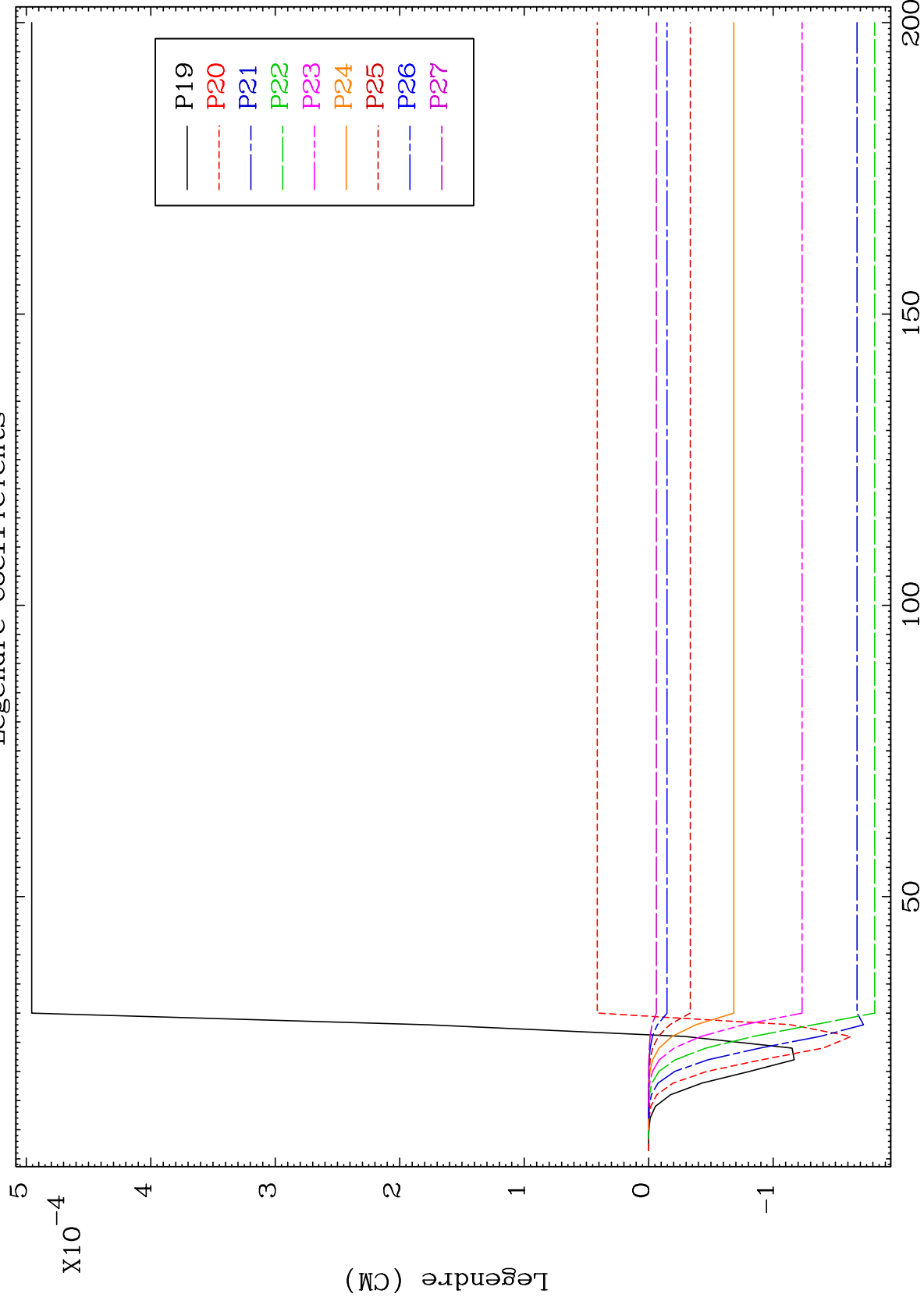




MAT 6598

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

66-Dy-147



24

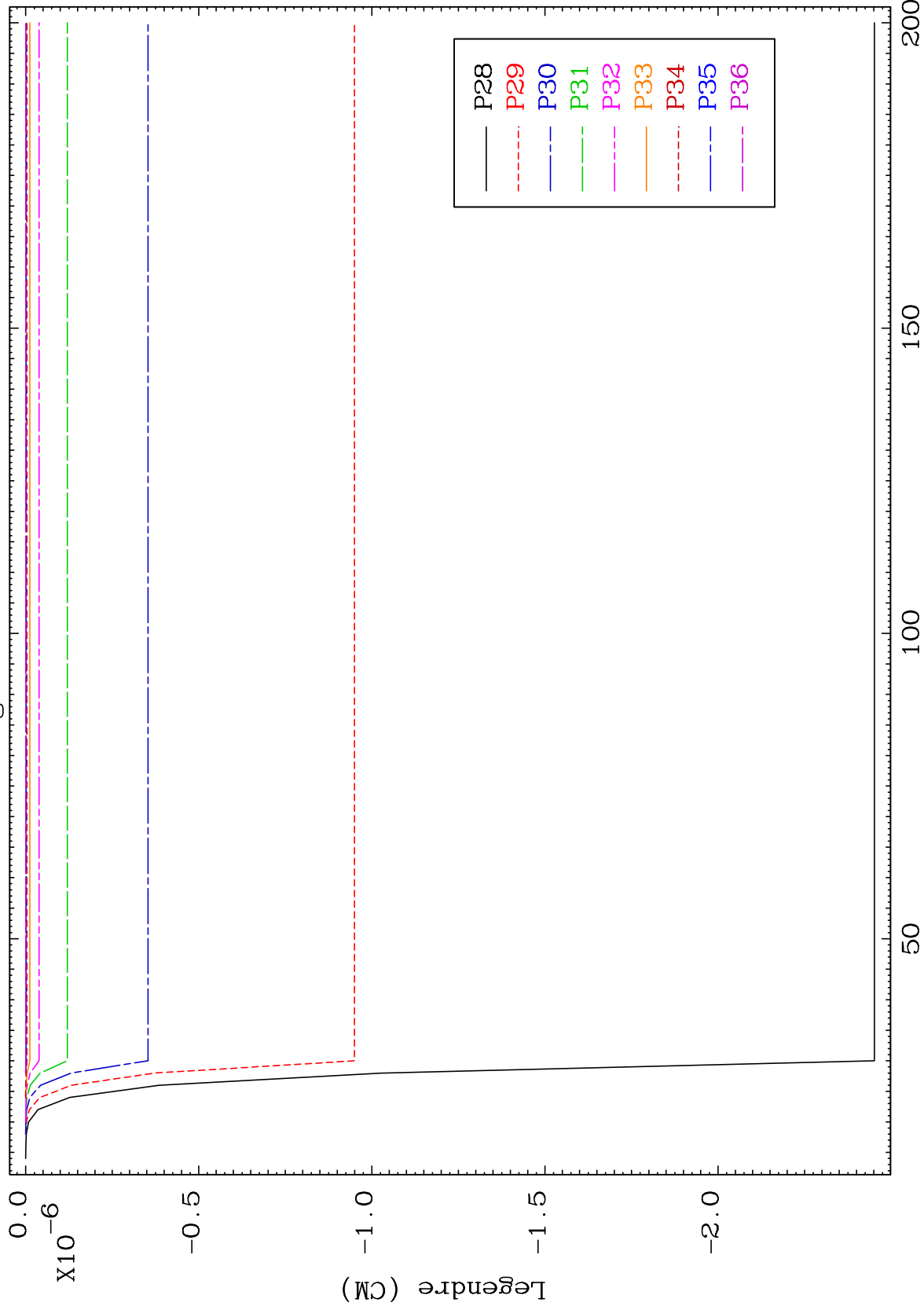
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



66-Dy-147

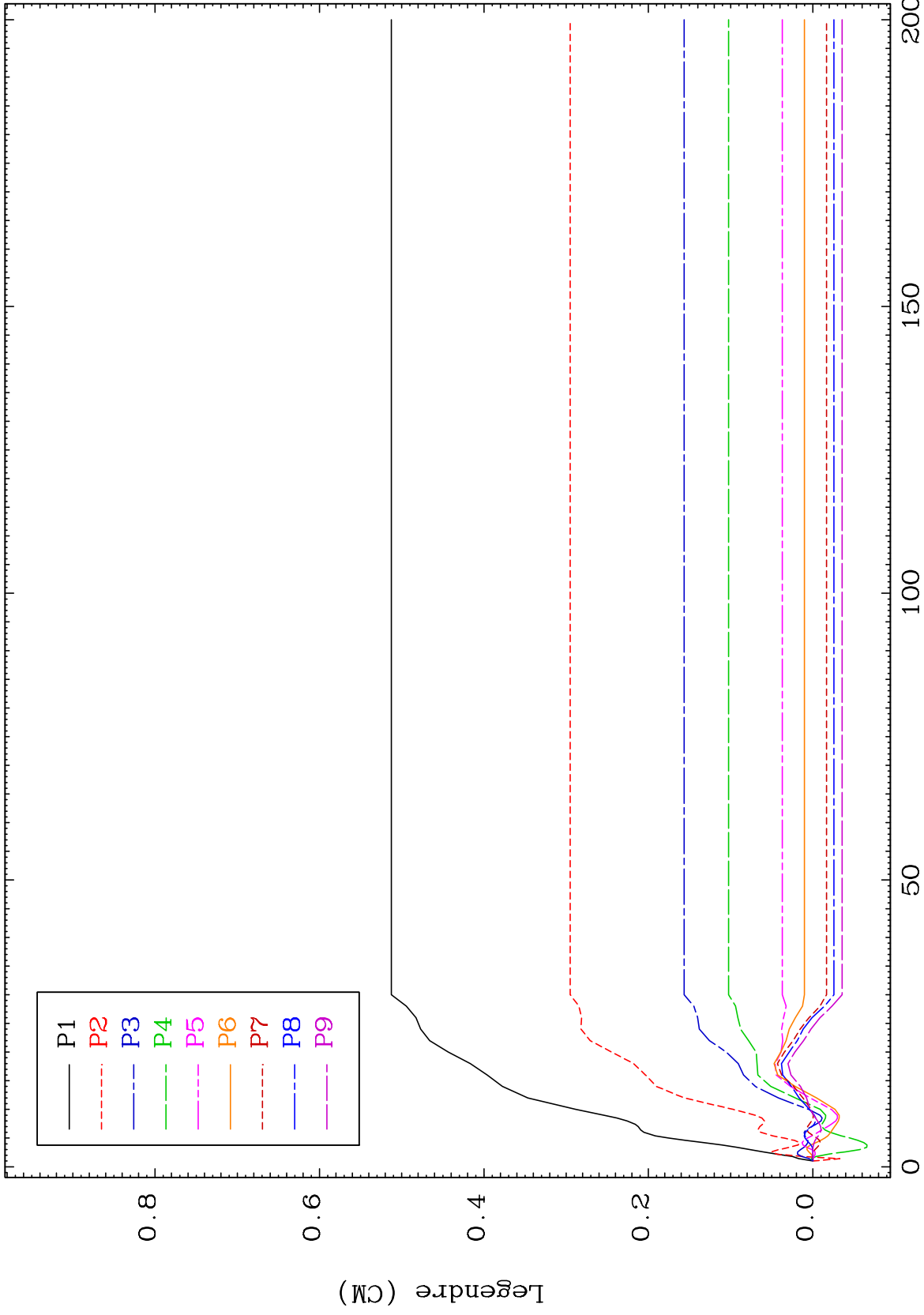
Incident Energy (MeV)

25

MAT 6598

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

66-Dy-147



26

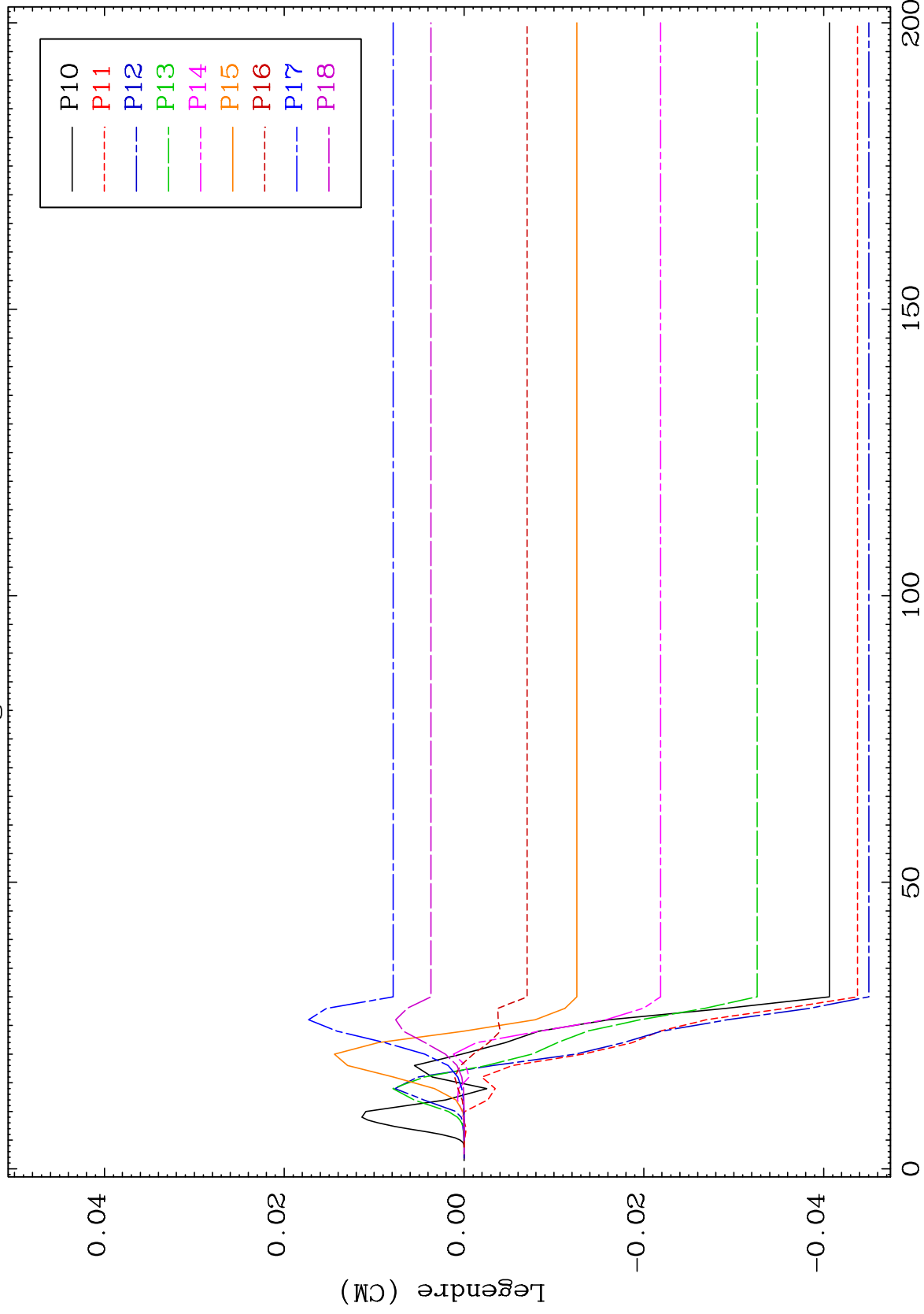
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

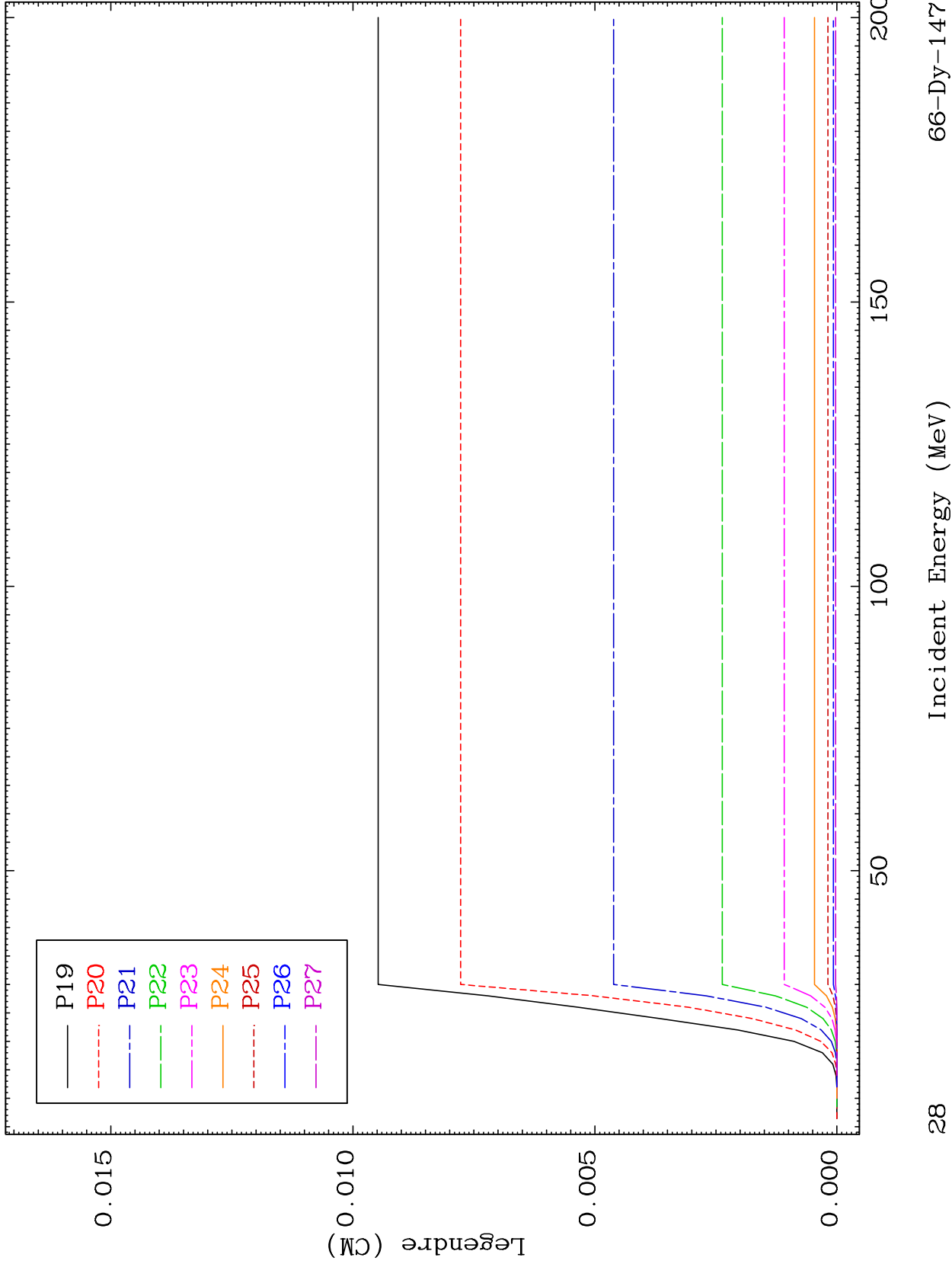
66-Dy-147



27

Incident Energy (MeV)

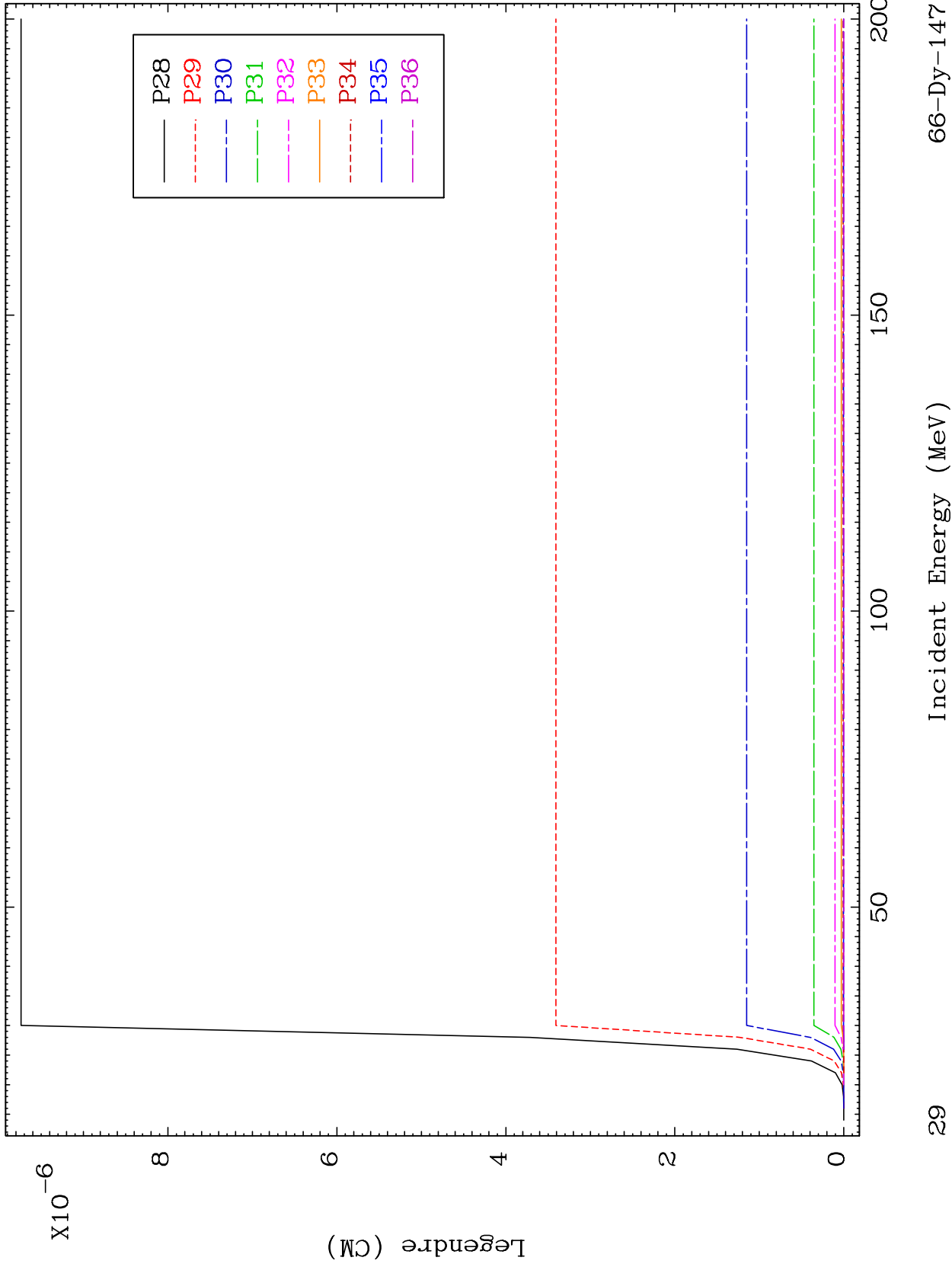
66-Dy-147



MAT 6598

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

66-Dy-147



29

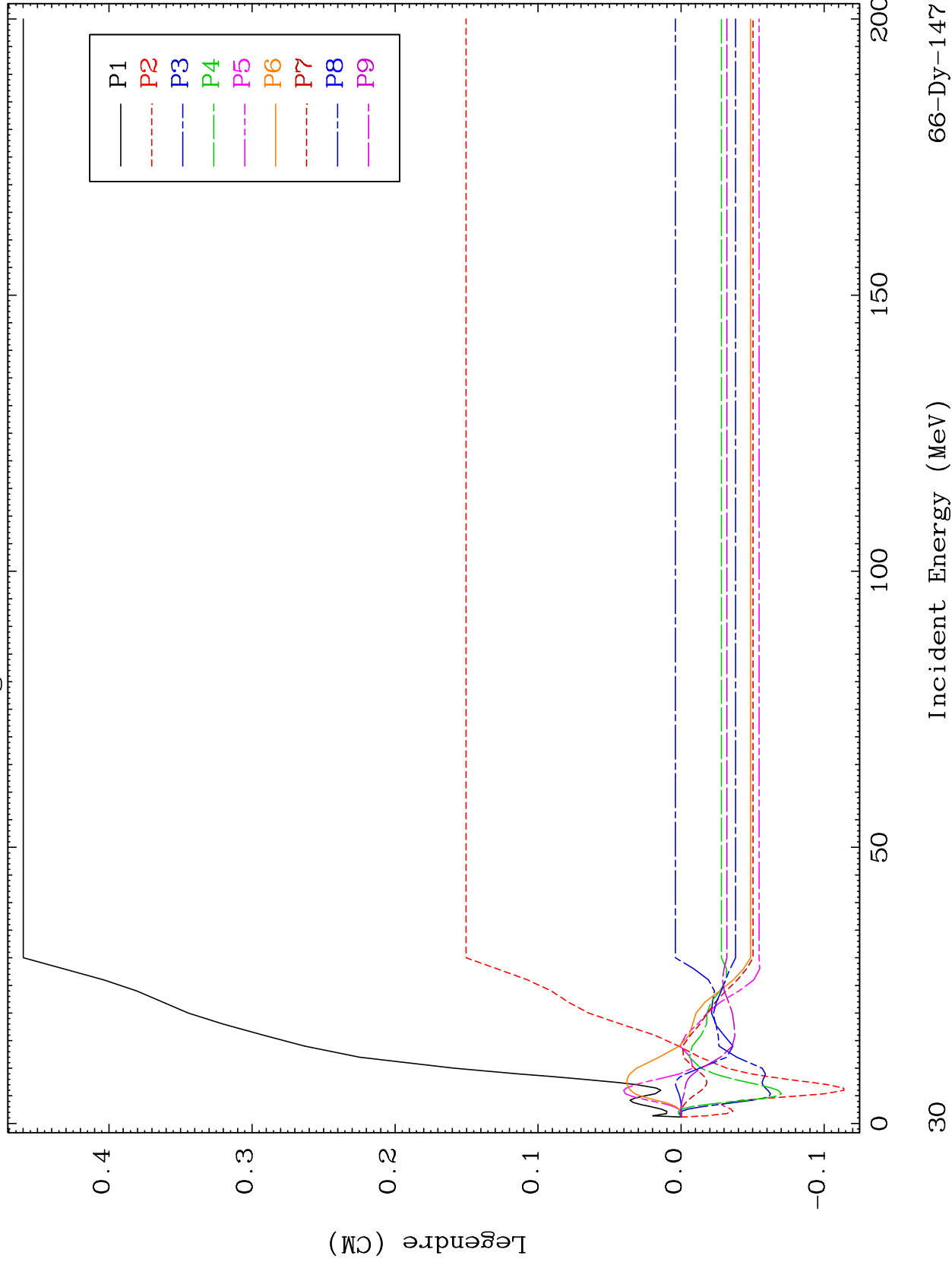
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

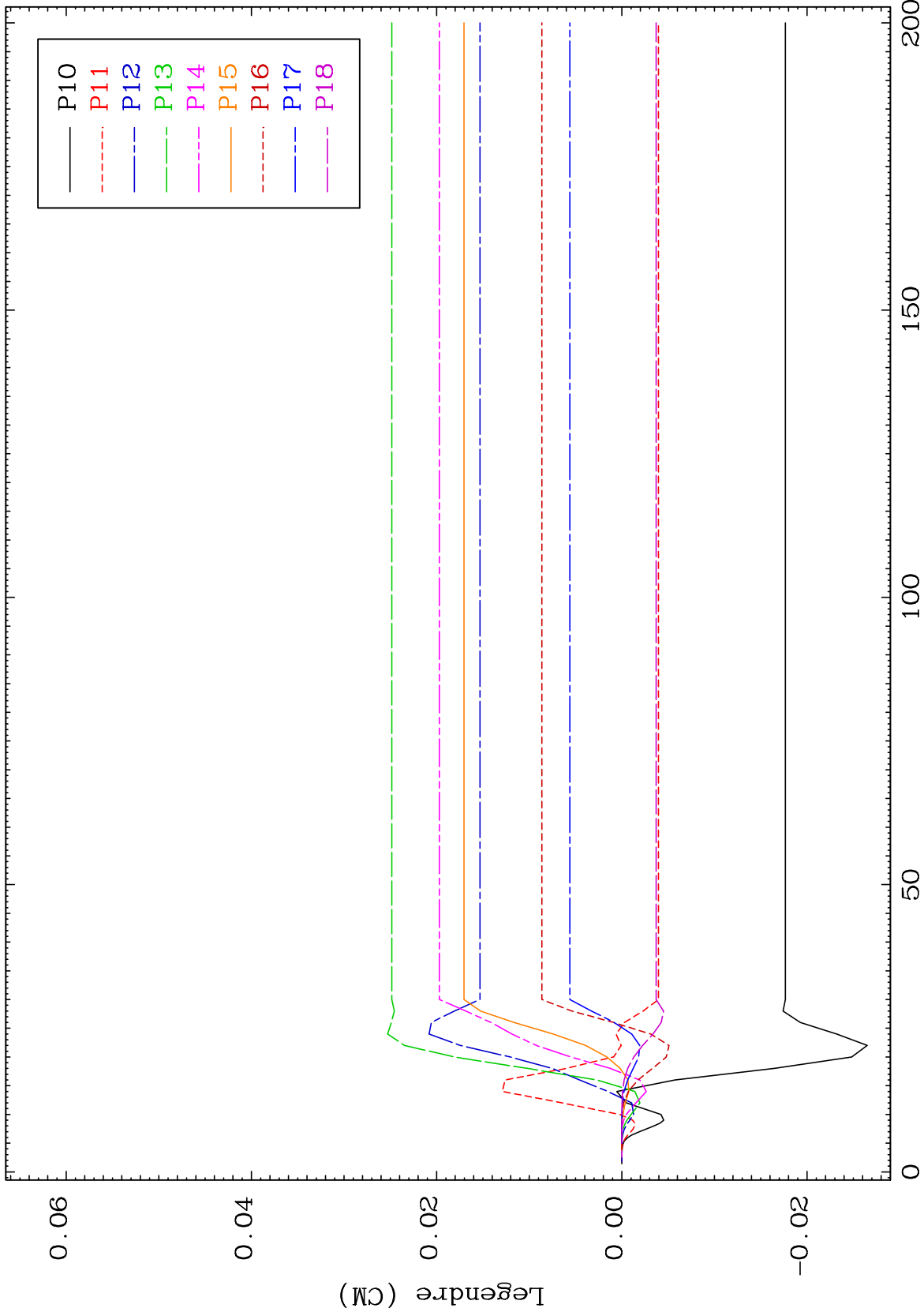
66-Dy-147



MAT 6598

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

66-Dy-147



31

Incident Energy (MeV)

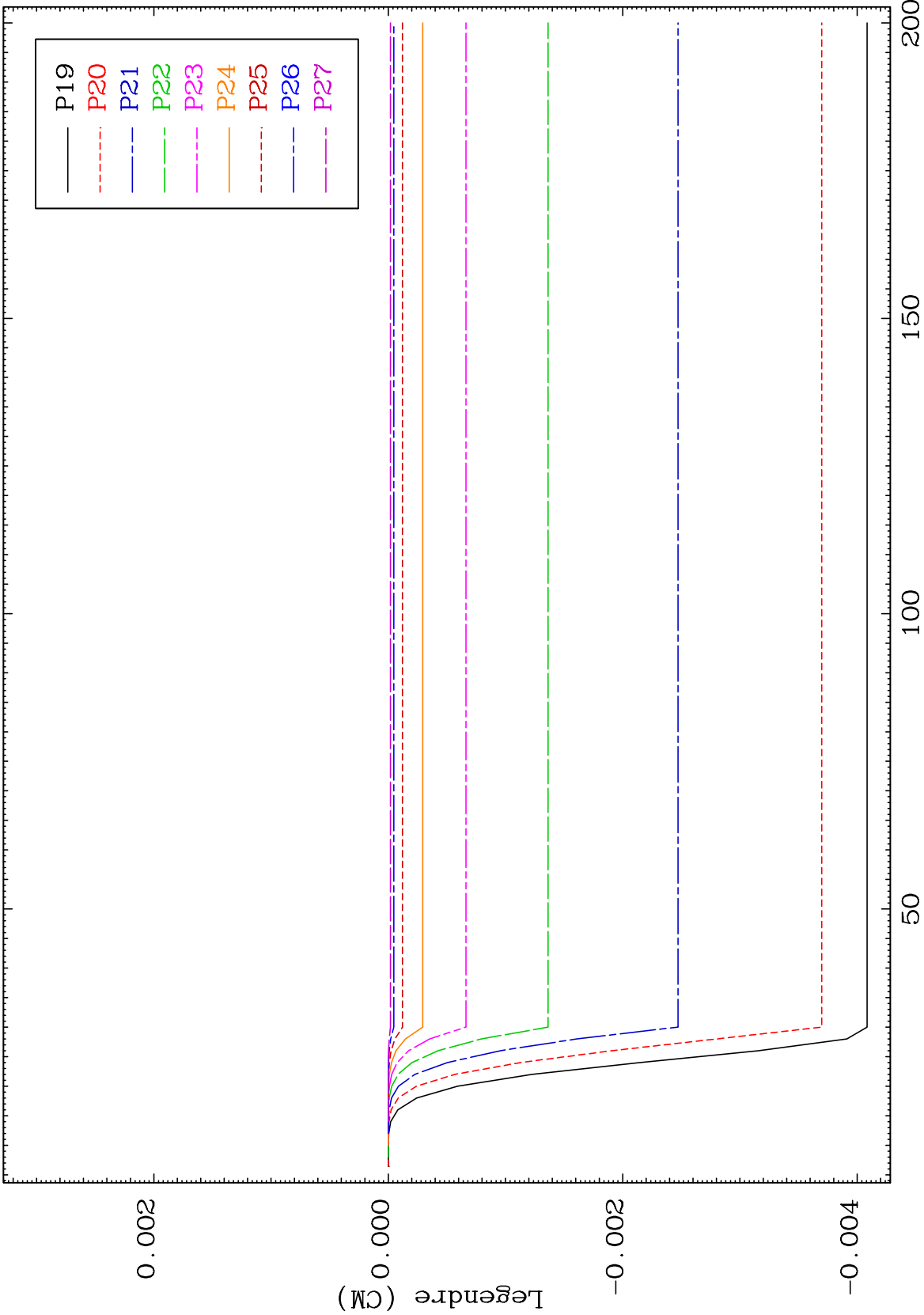
66-Dy-147



MAT 6598

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

66-Dy-147



32

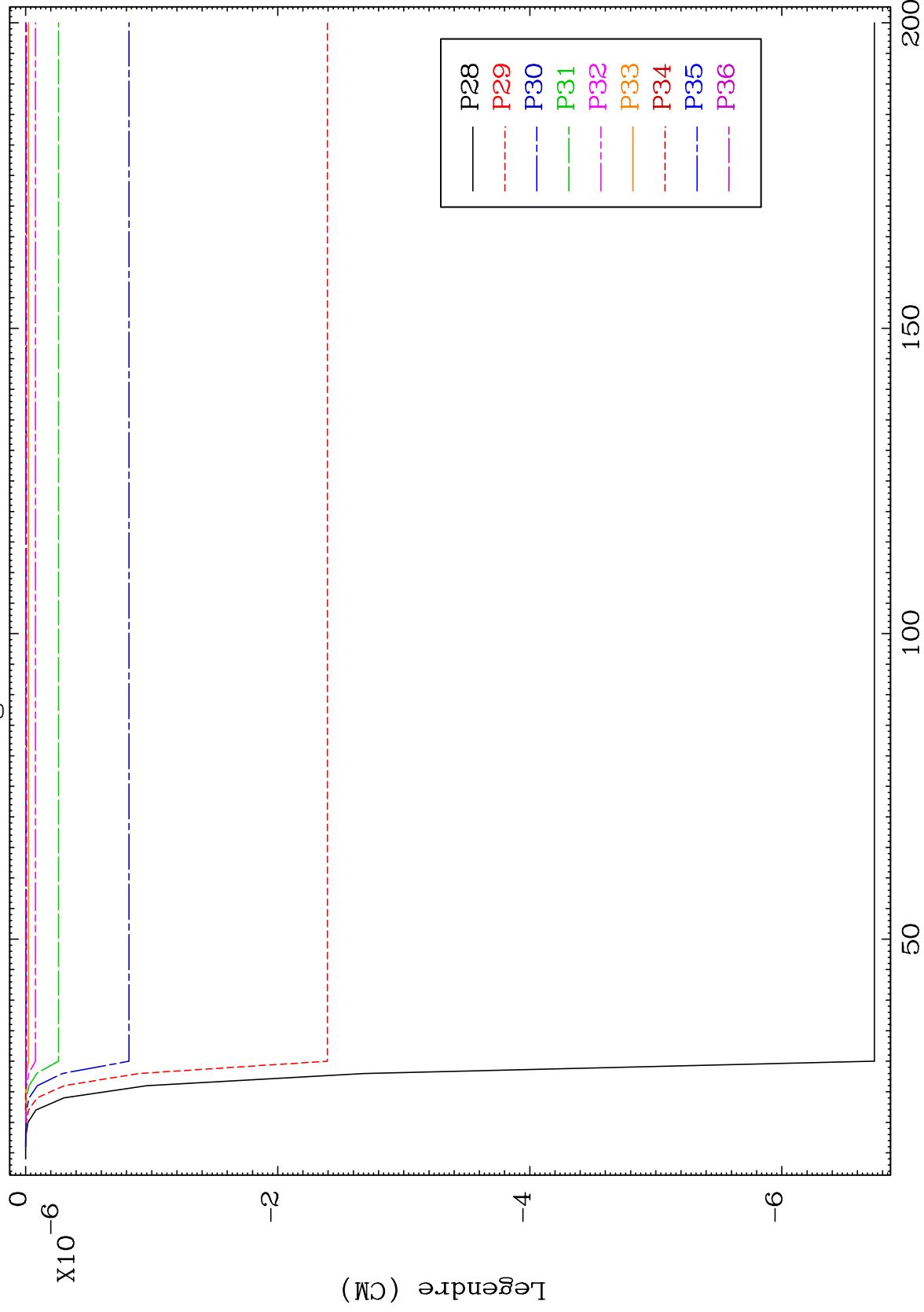
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

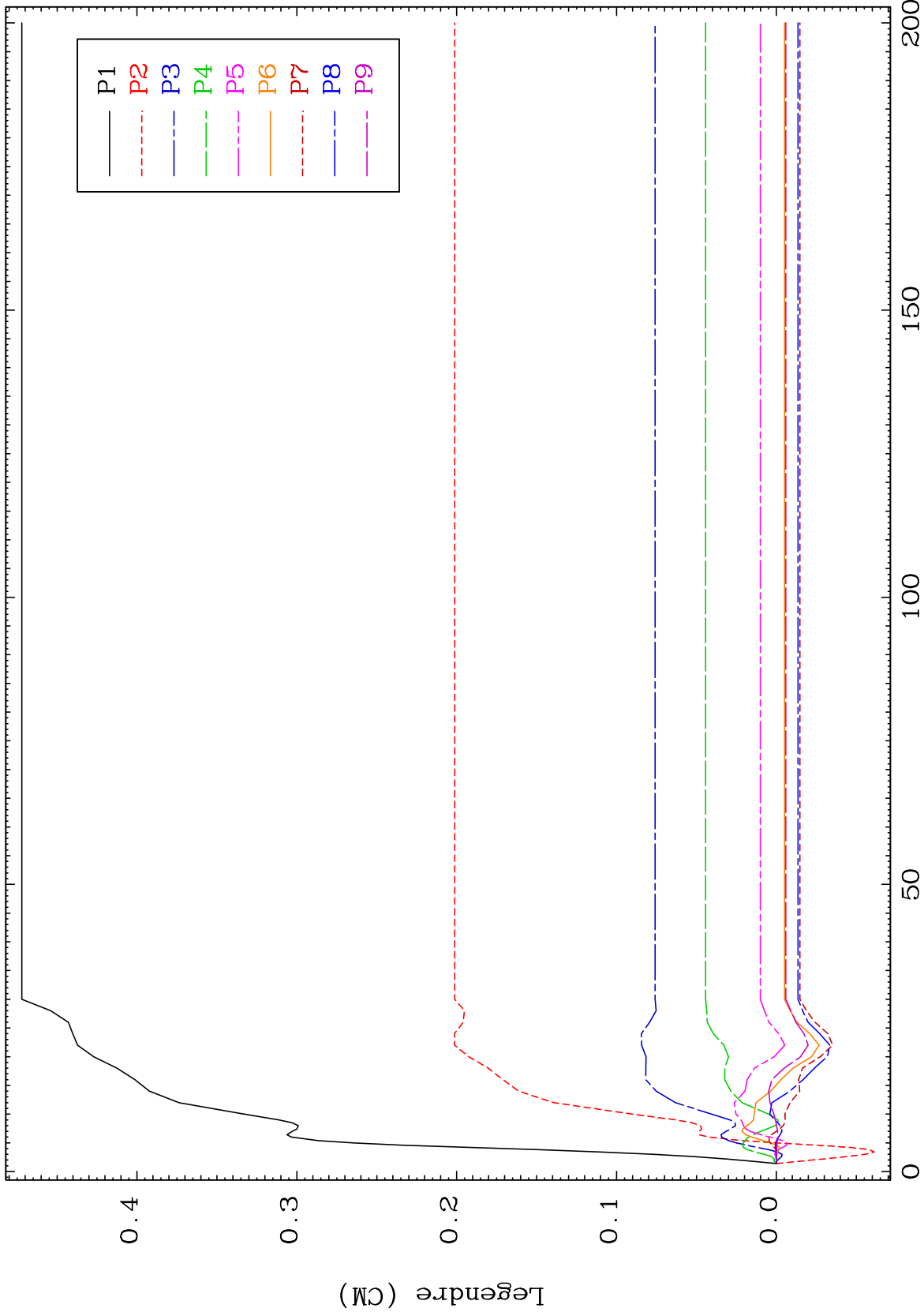
66-Dy-147



MAT 6598

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

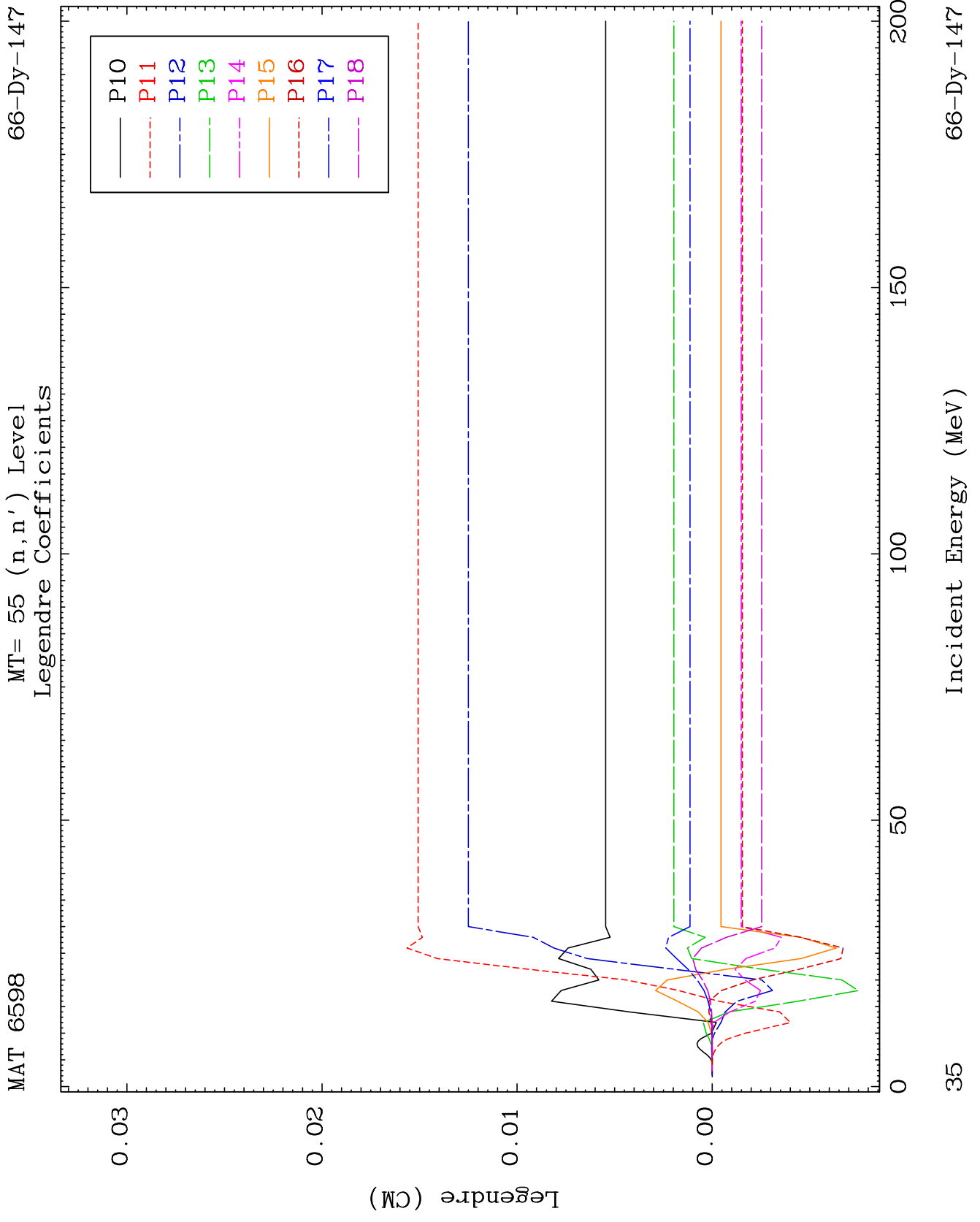
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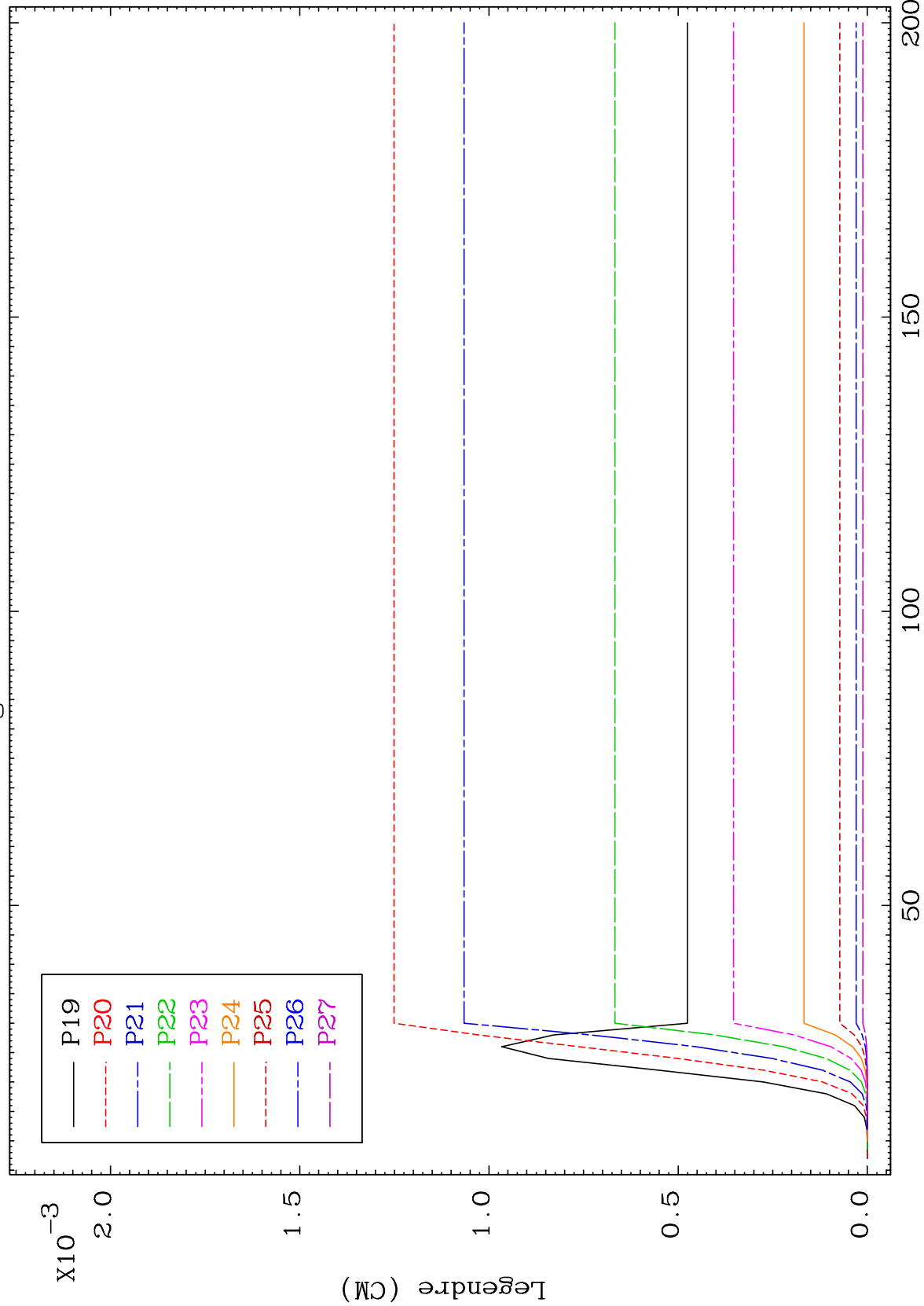


66-Dy-147

Incident Energy (MeV)

34

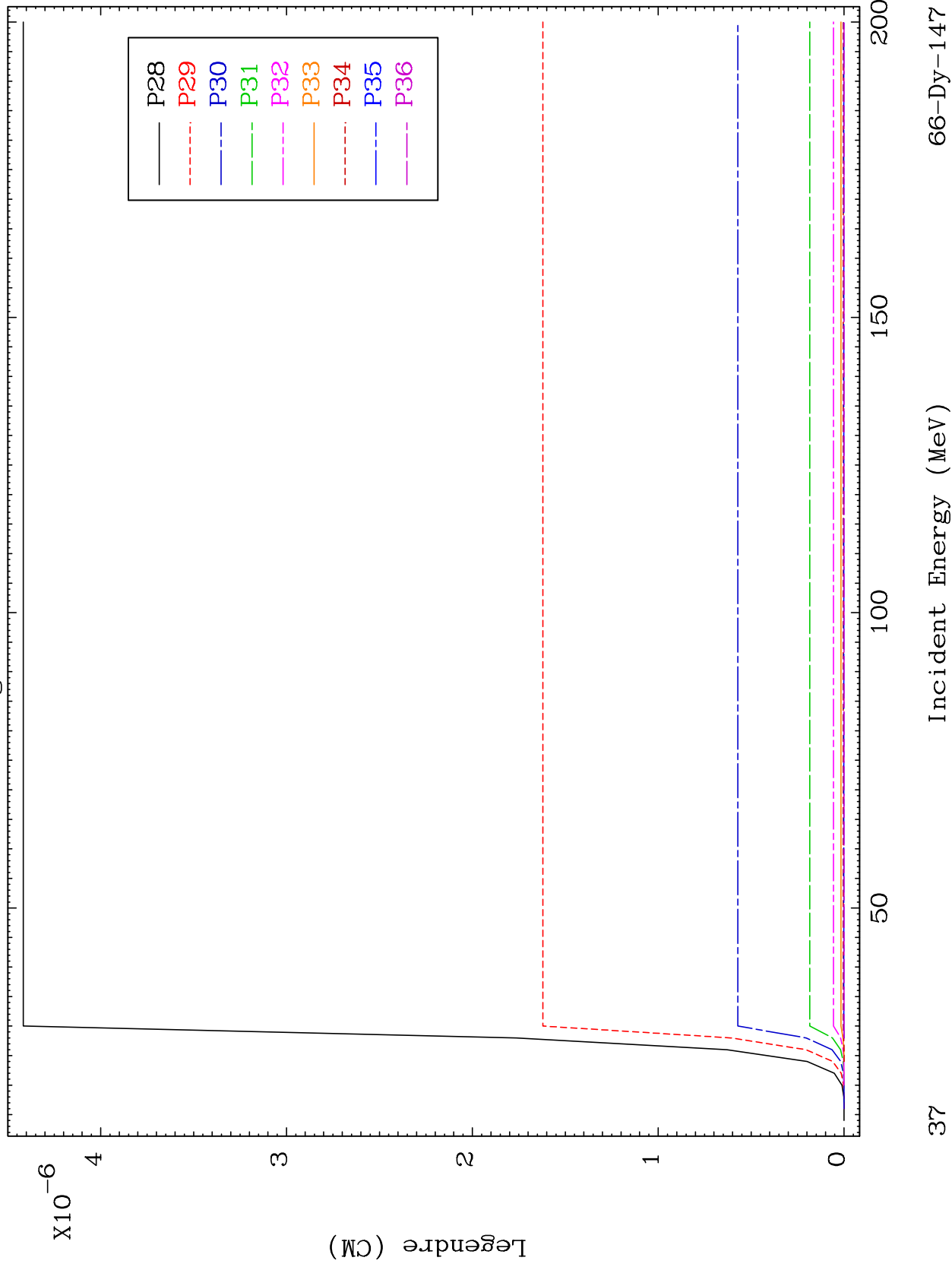




MAT 6598

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

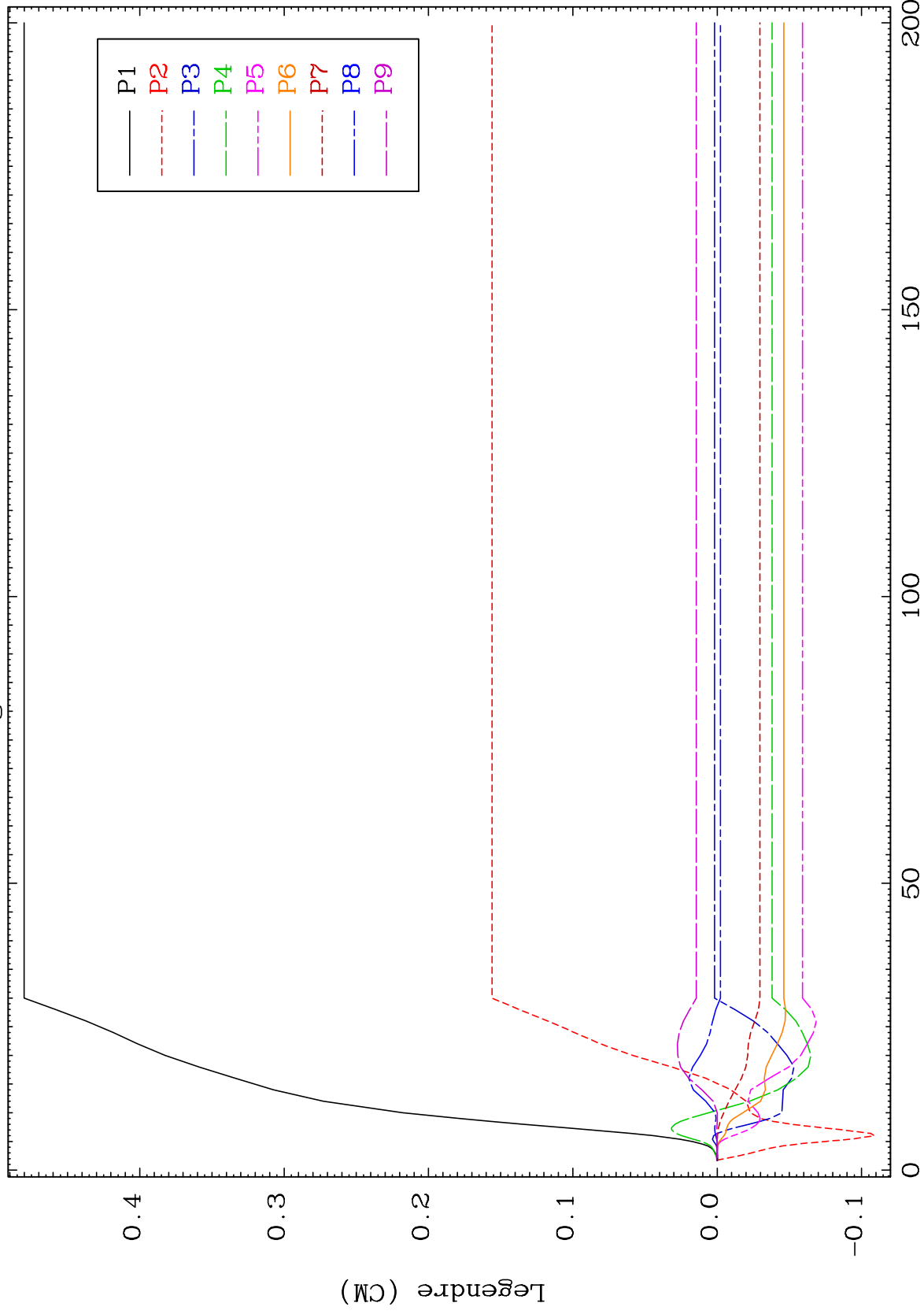
66-Dy-147



MAT 6598

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

66-Dy-147



38

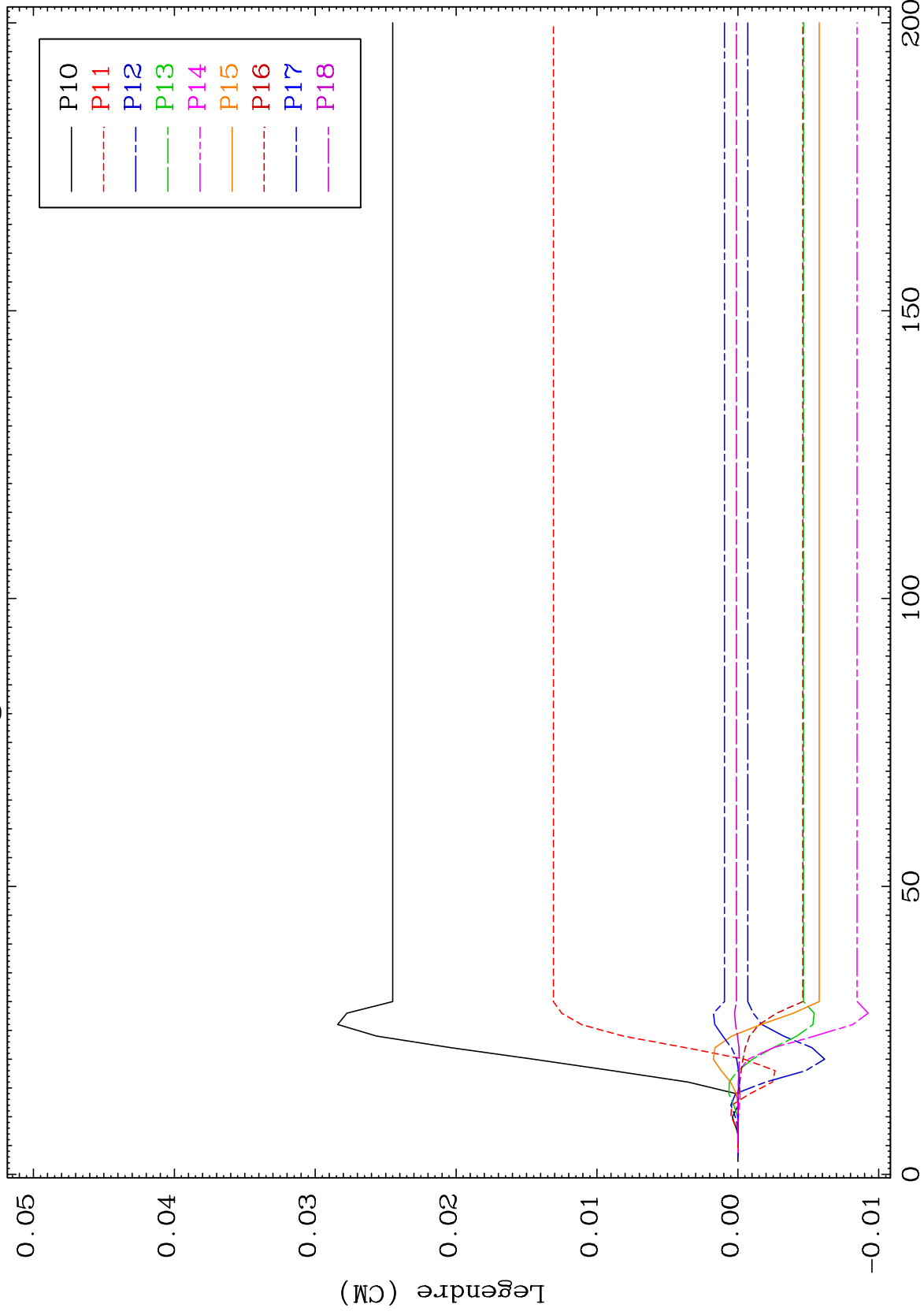
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



39

Incident Energy (MeV)

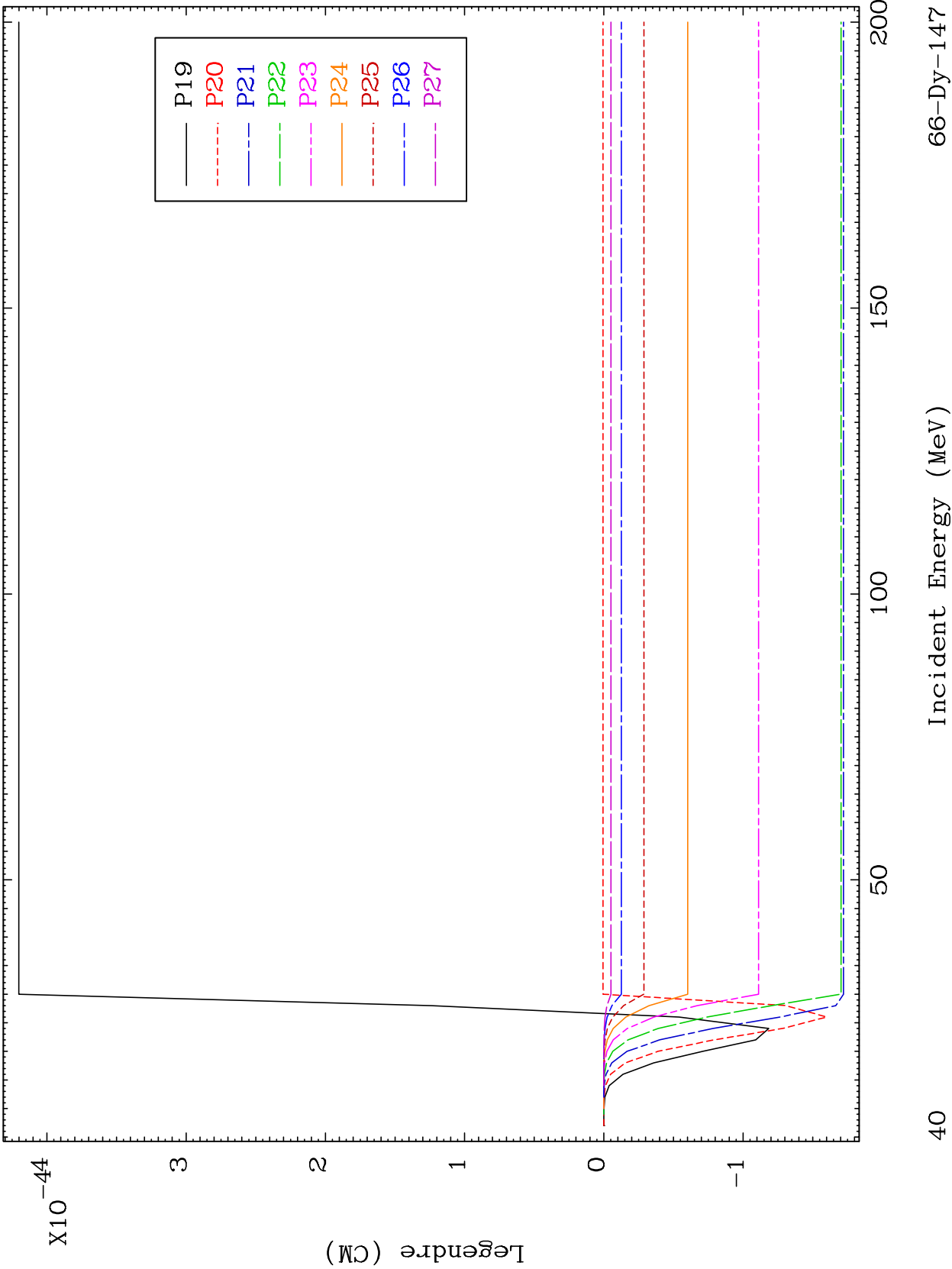
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MAT 6598

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

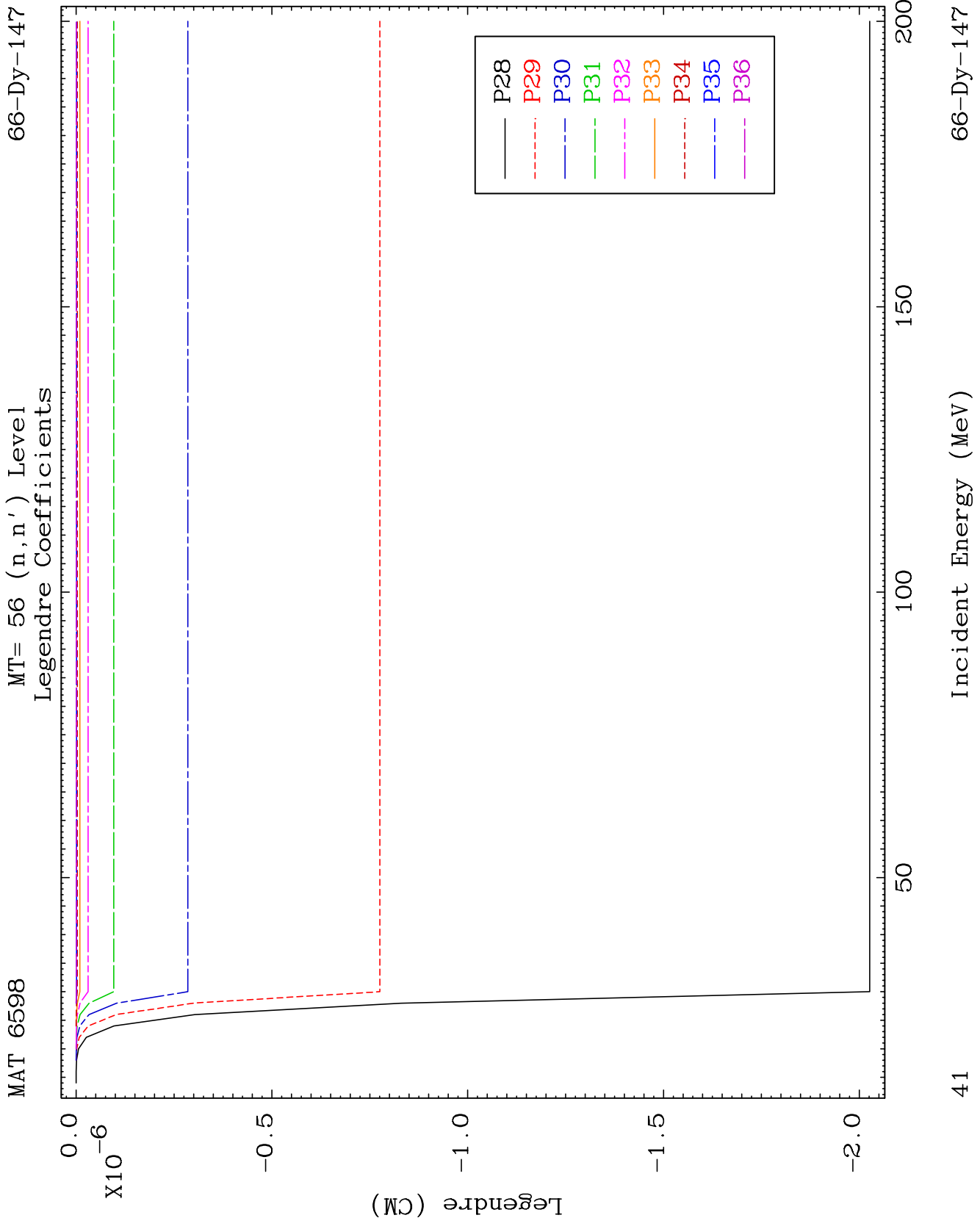
66-Dy-147



66-Dy-147

Incident Energy (MeV)

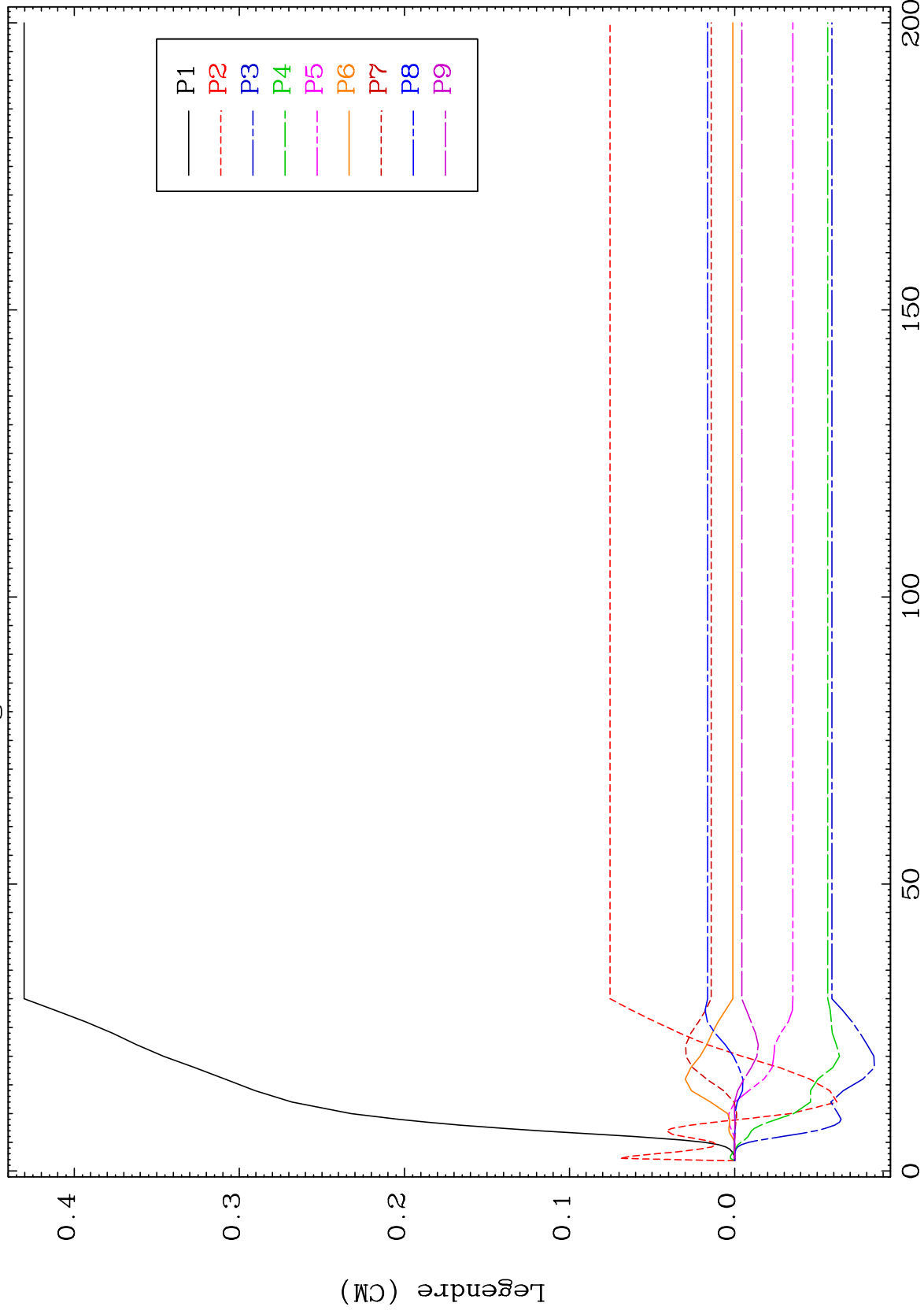
40



MAT 6598

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

66-Dy-147



66-Dy-147

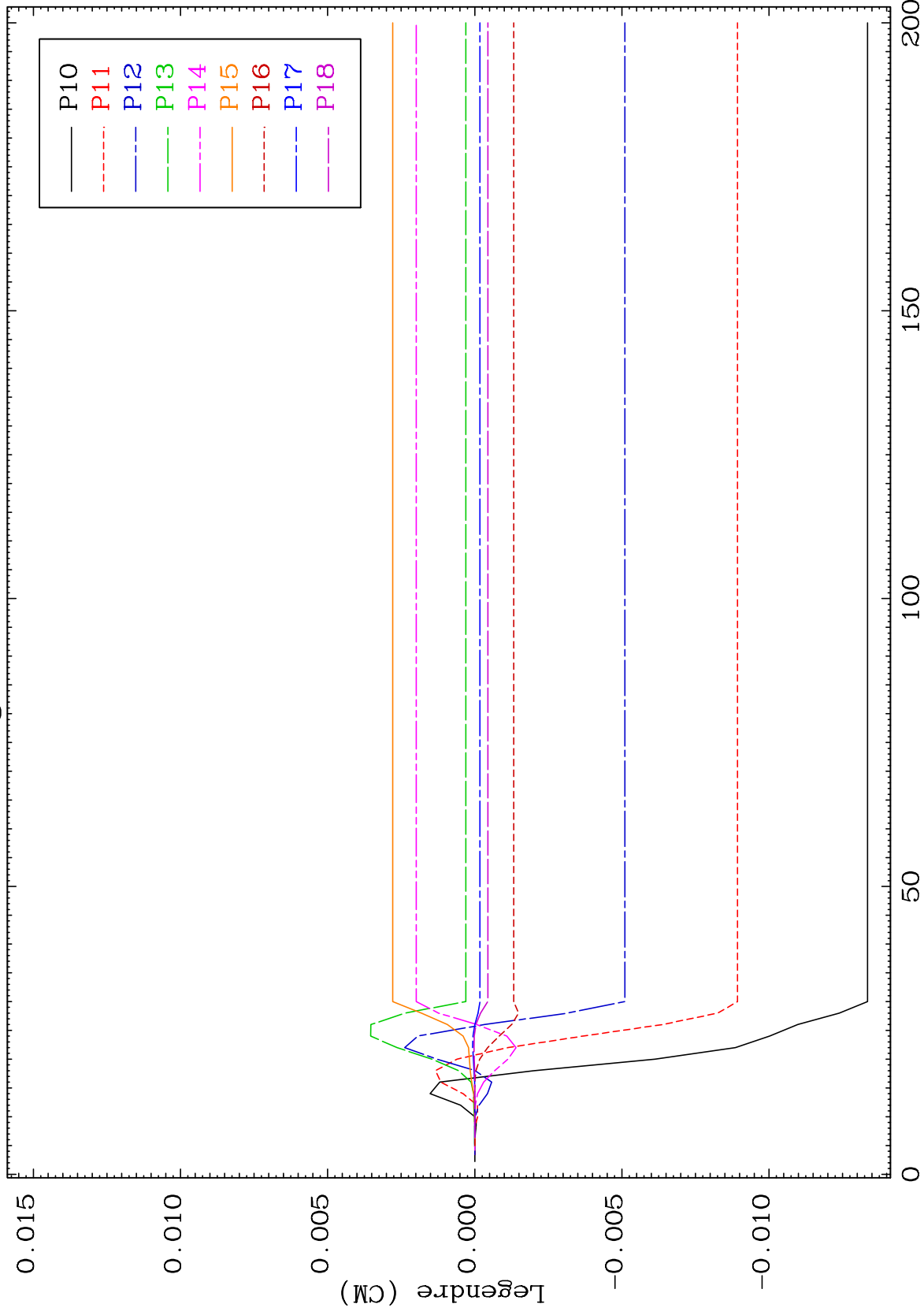
Incident Energy (MeV)

42

MAT 6598

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

66-Dy-147



43

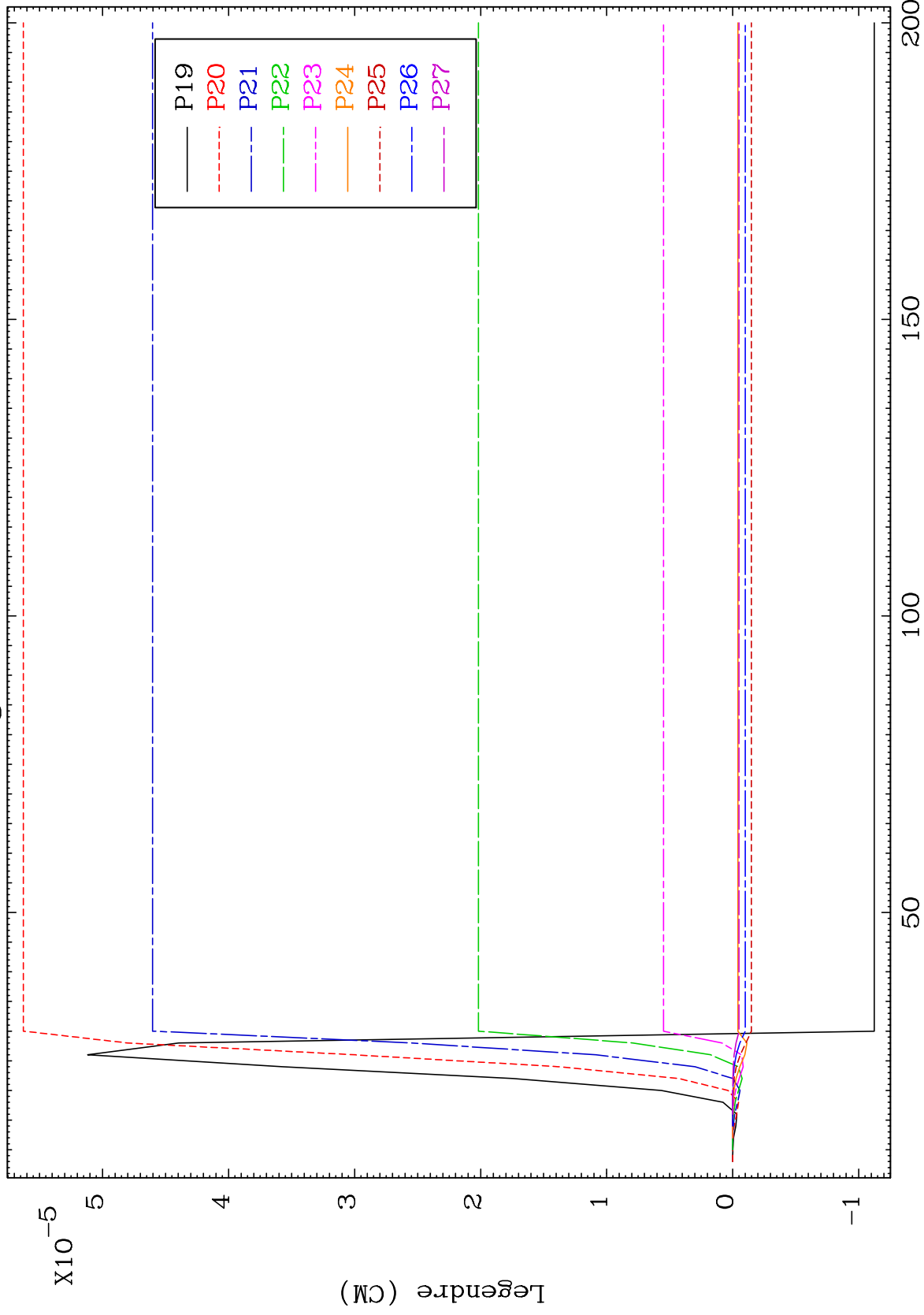
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



44

Incident Energy (MeV)

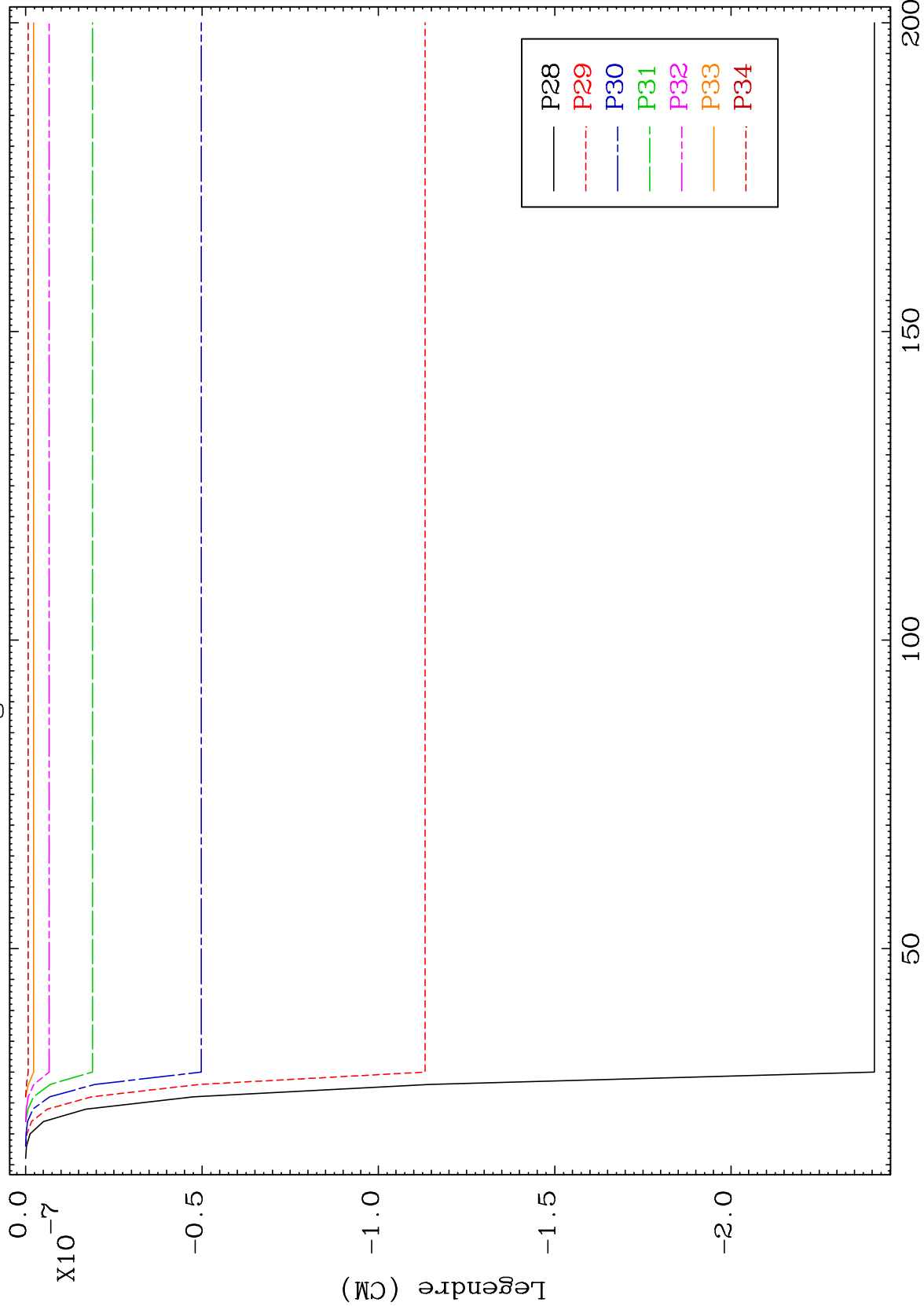
66-Dy-147

MAT 6598

MT= 57 (n,n') Level

66-Dy-147

Legendre Coefficients



66-Dy-147

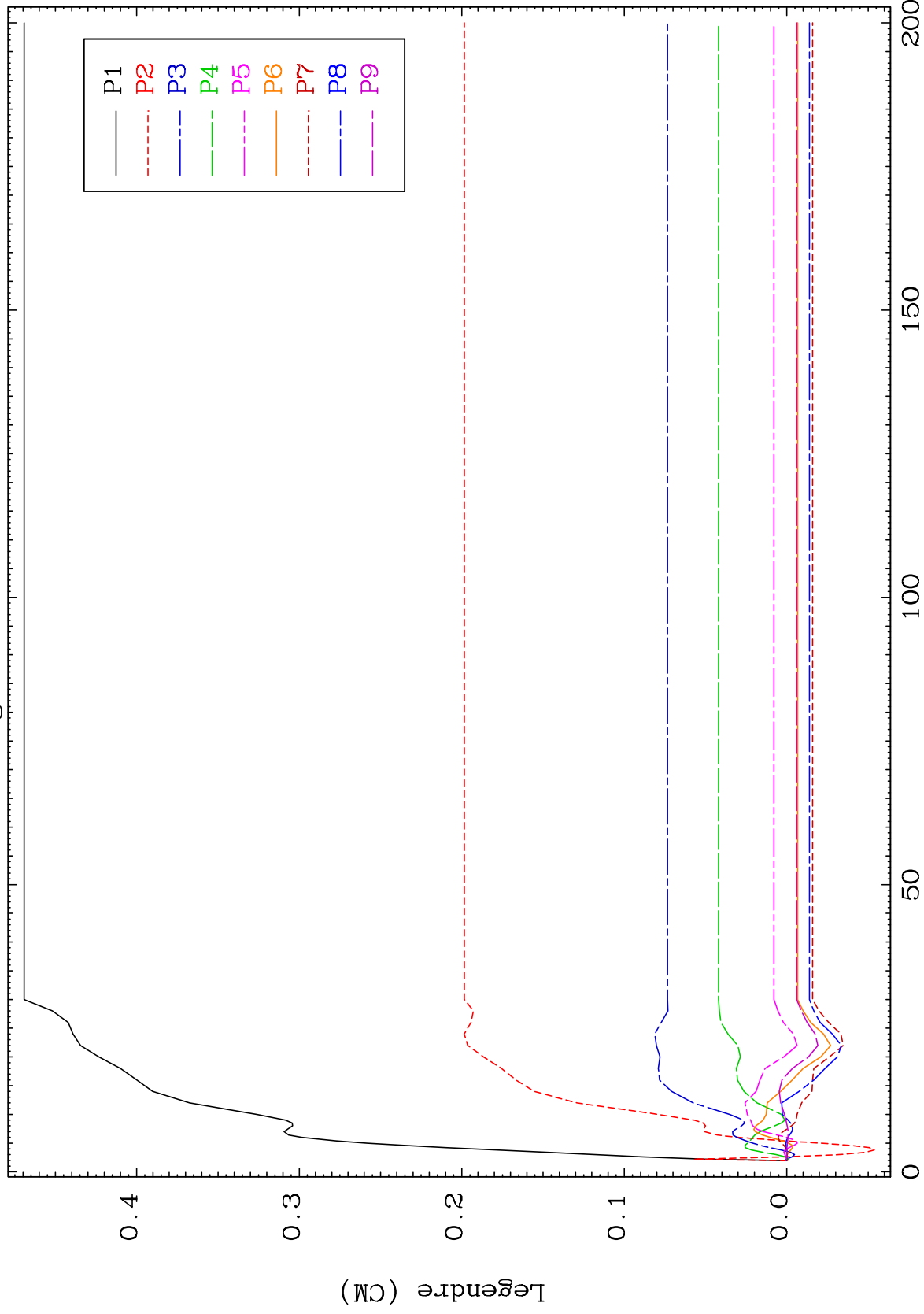
Incident Energy (MeV)

45

MAT 6598

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

66-Dy-147



66-Dy-147

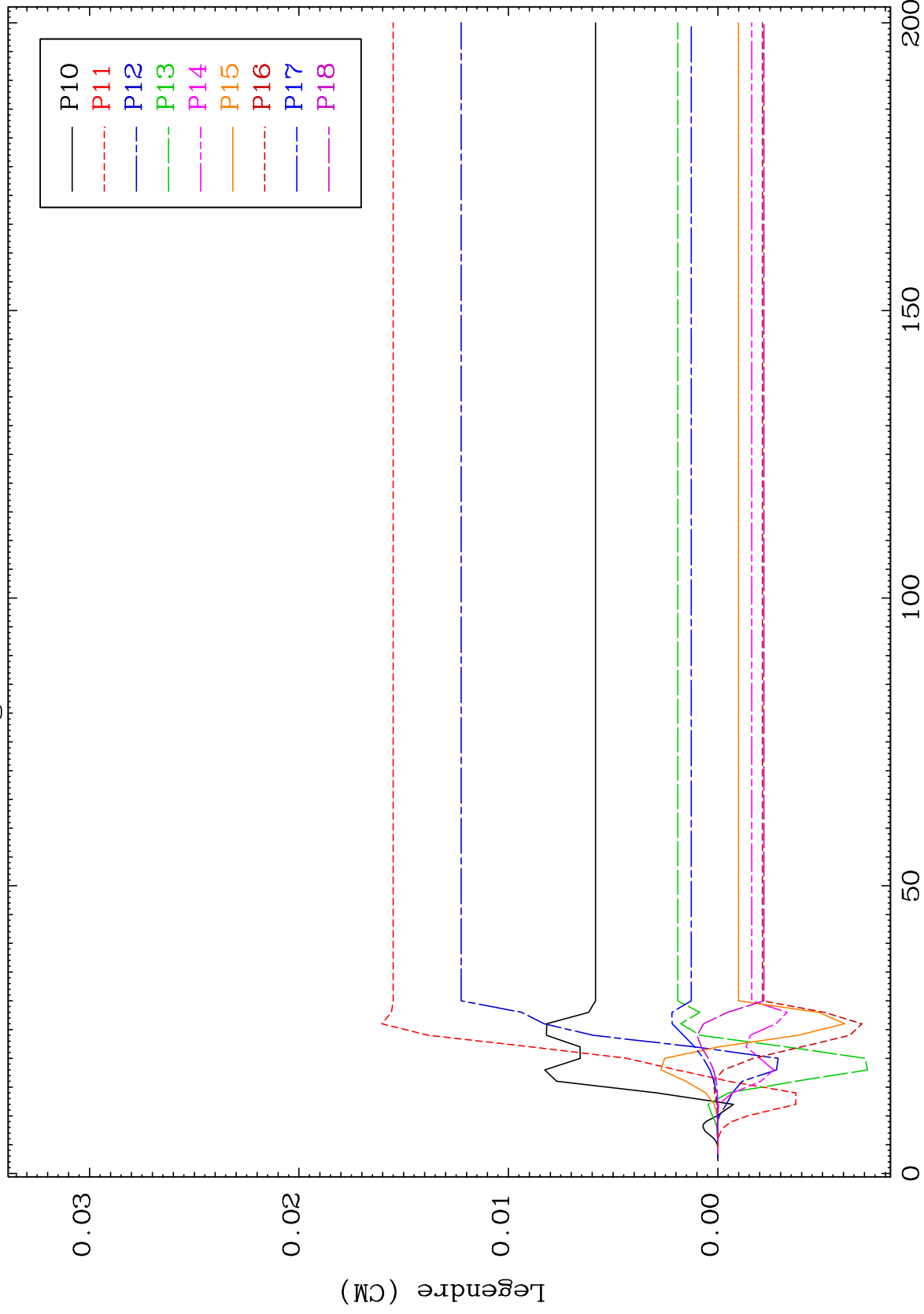
Incident Energy (MeV)

46

MAT 6598

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

66-Dy-147



47

Incident Energy (MeV)

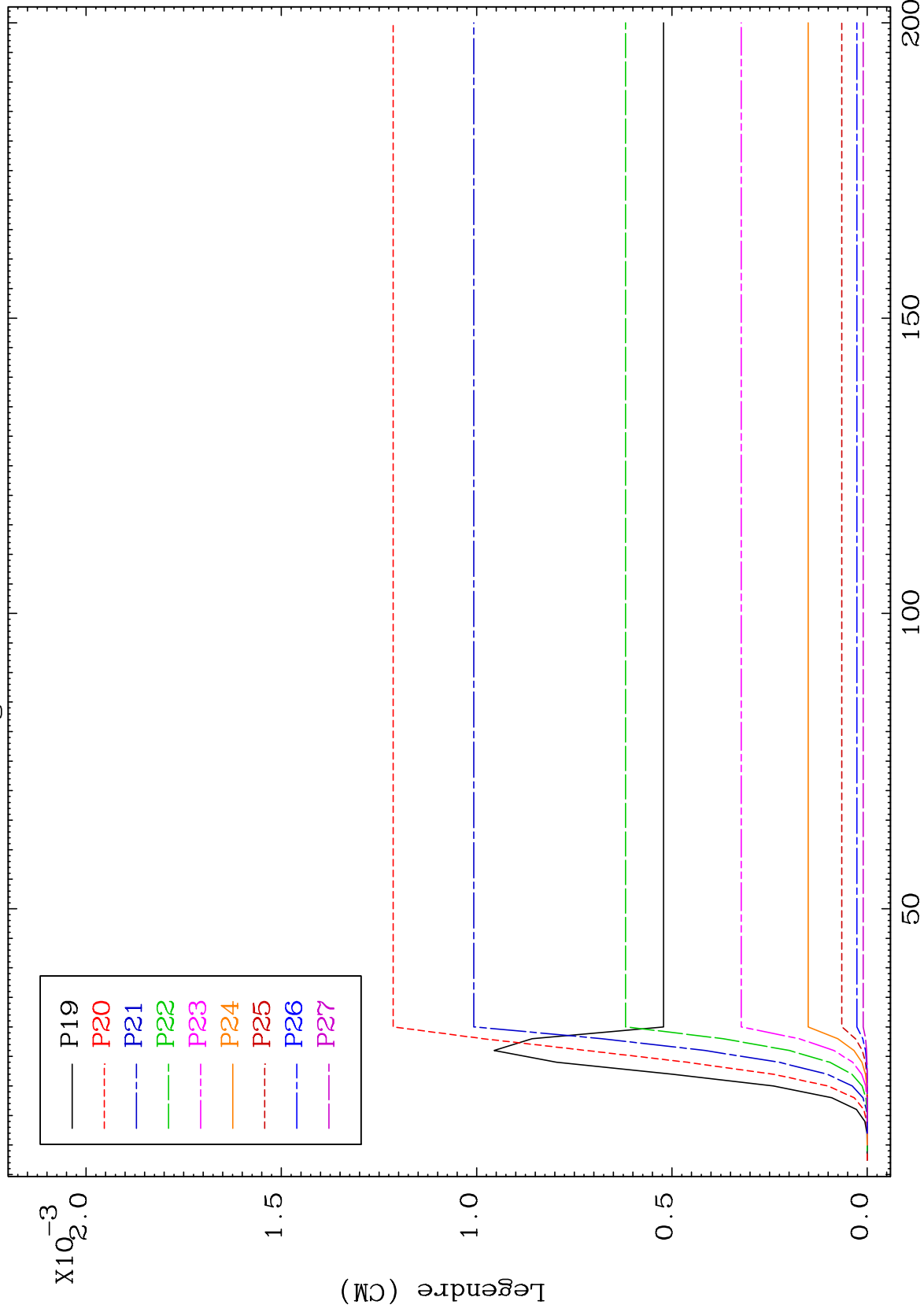
66-Dy-147



MAT 6598

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

66-Dy-147



48

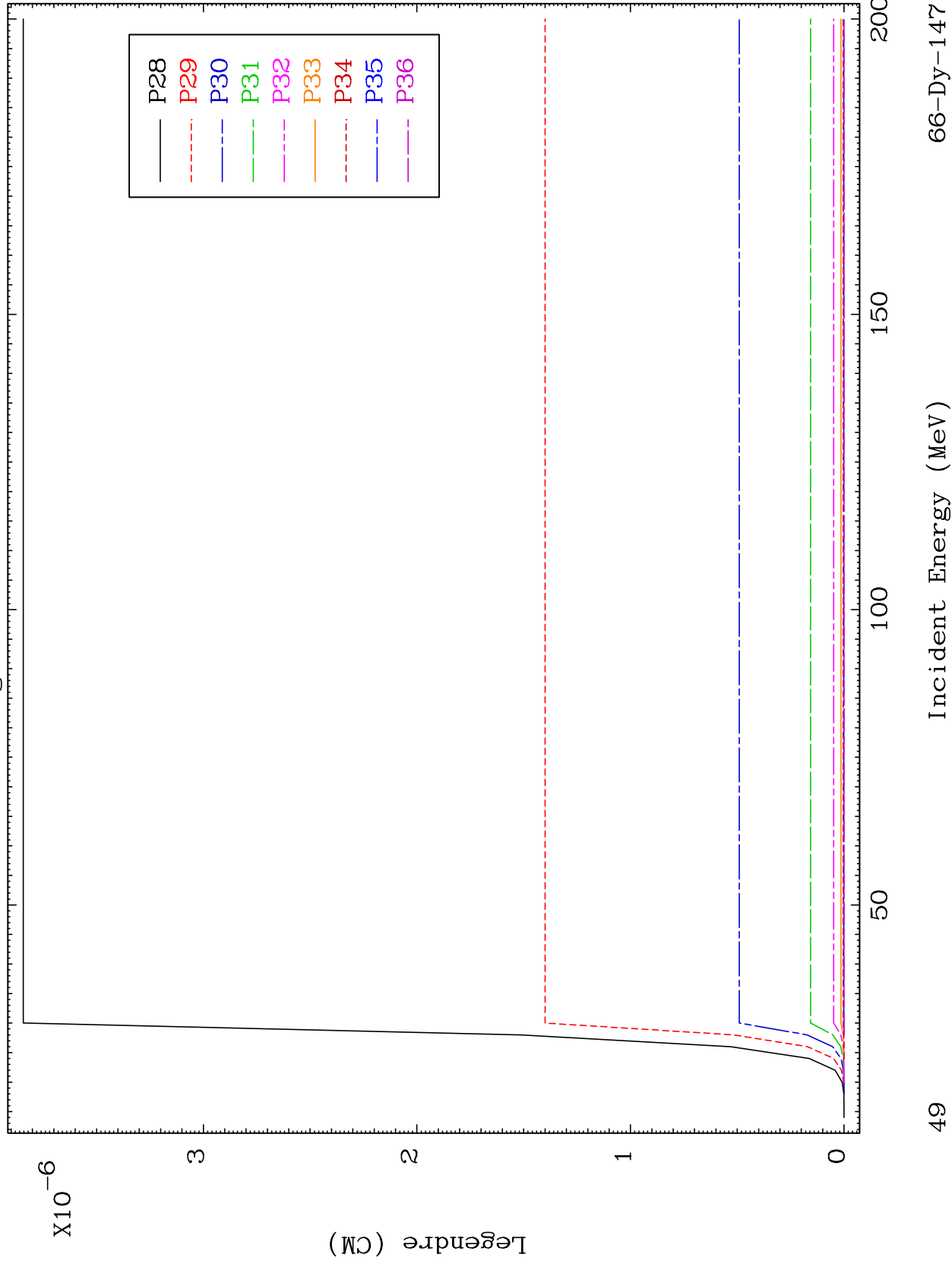
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



49

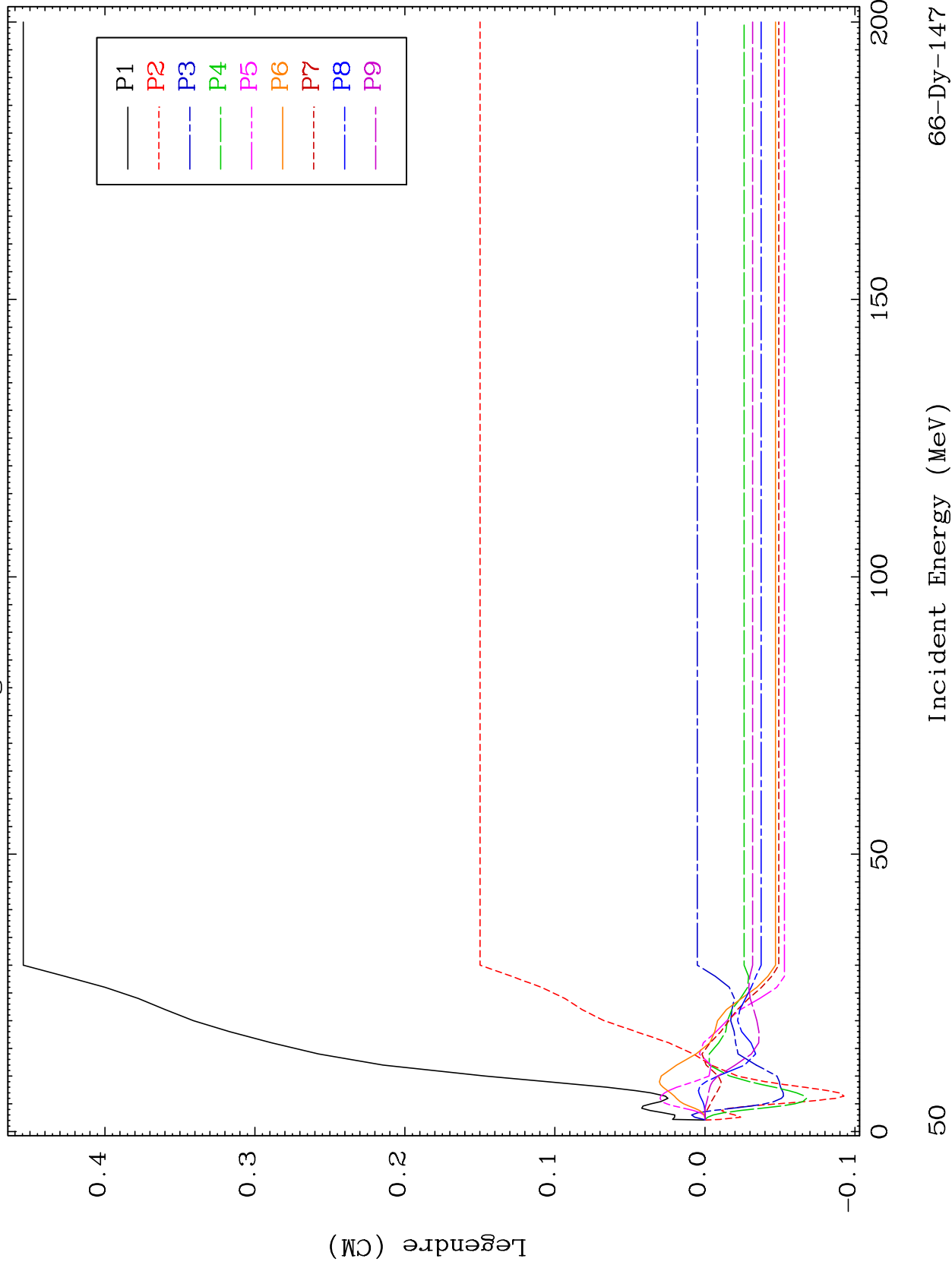
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



66-Dy-147

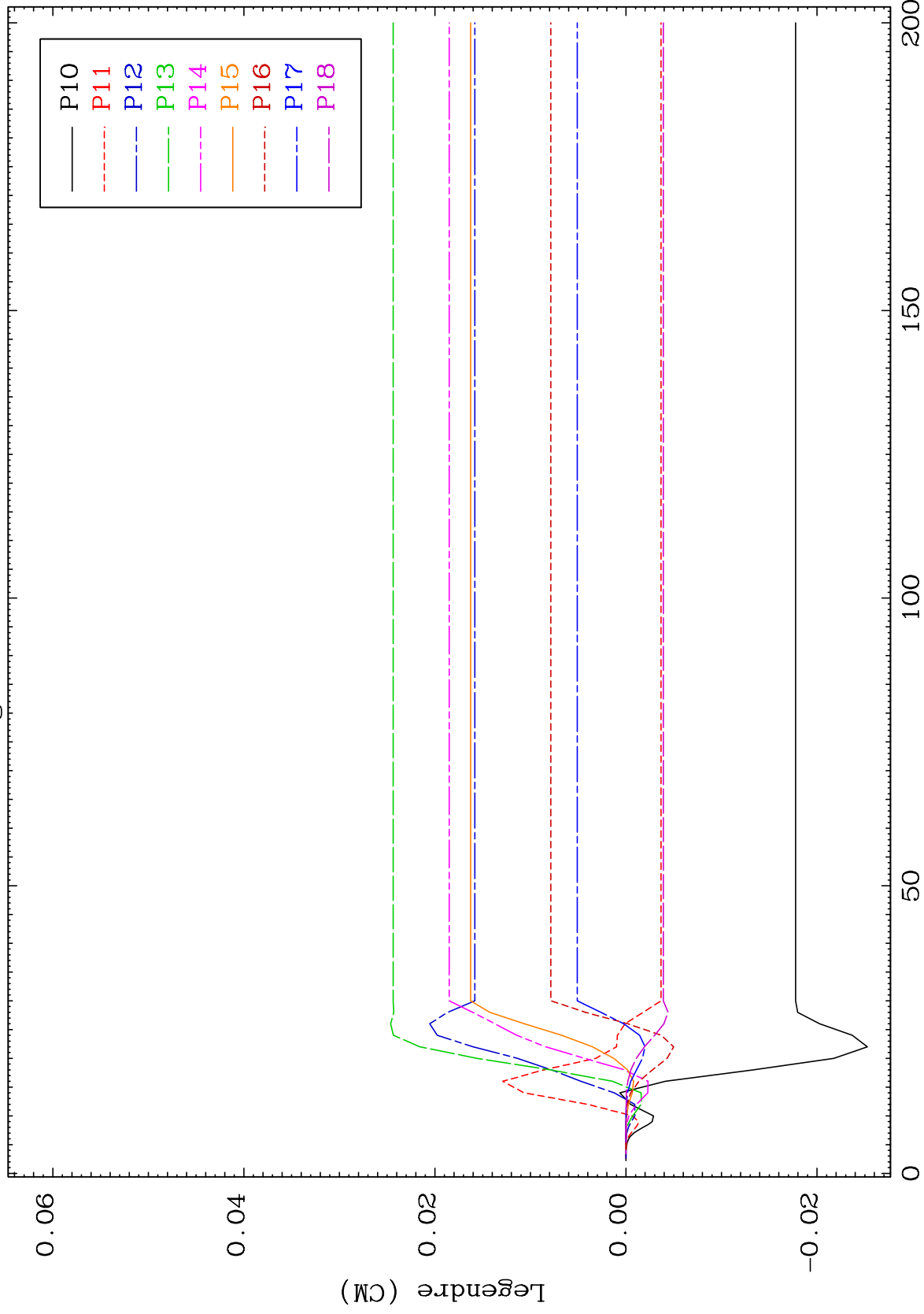
Incident Energy (MeV)

50

MAT 6598

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

66-Dy-147



51

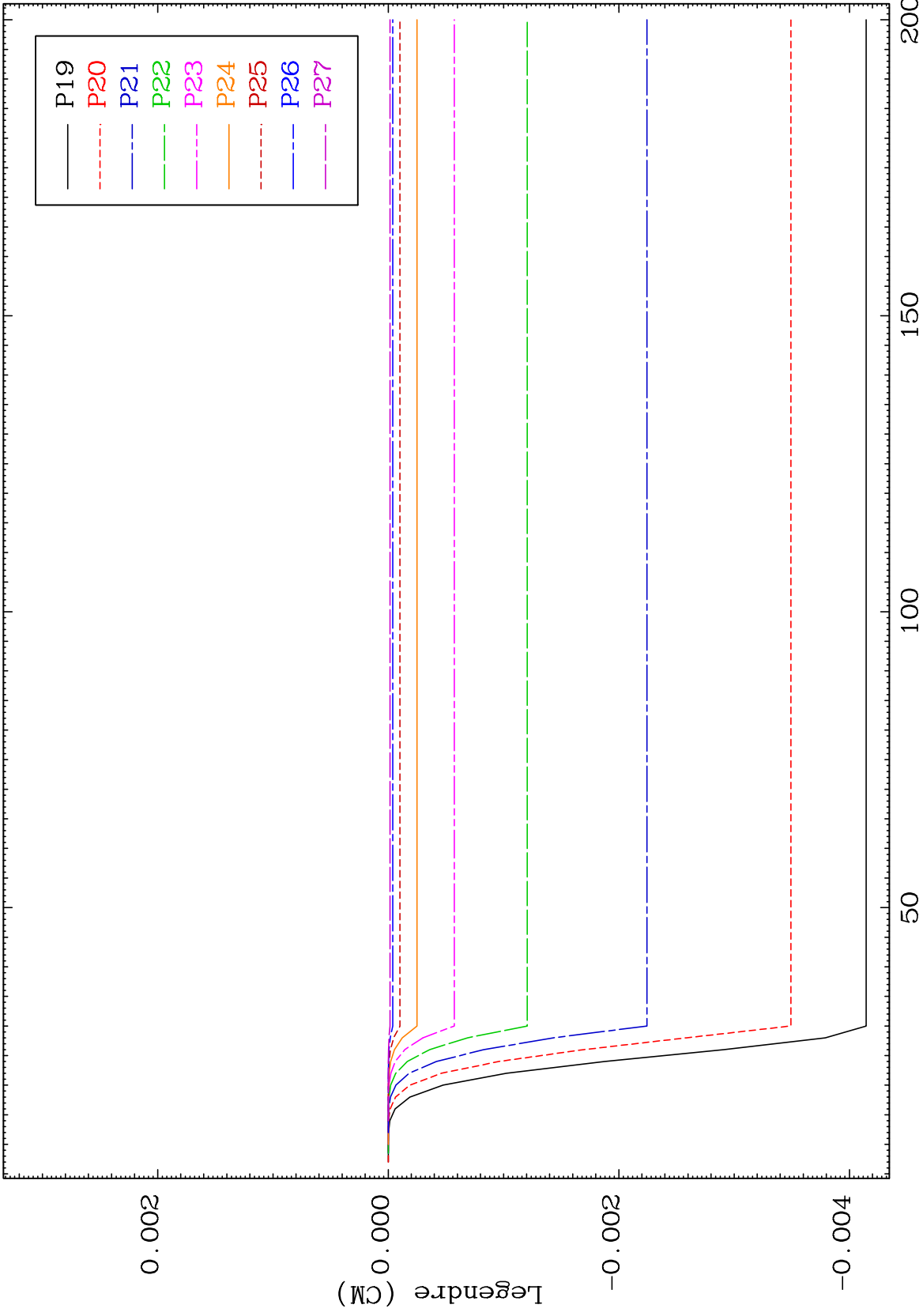
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



52

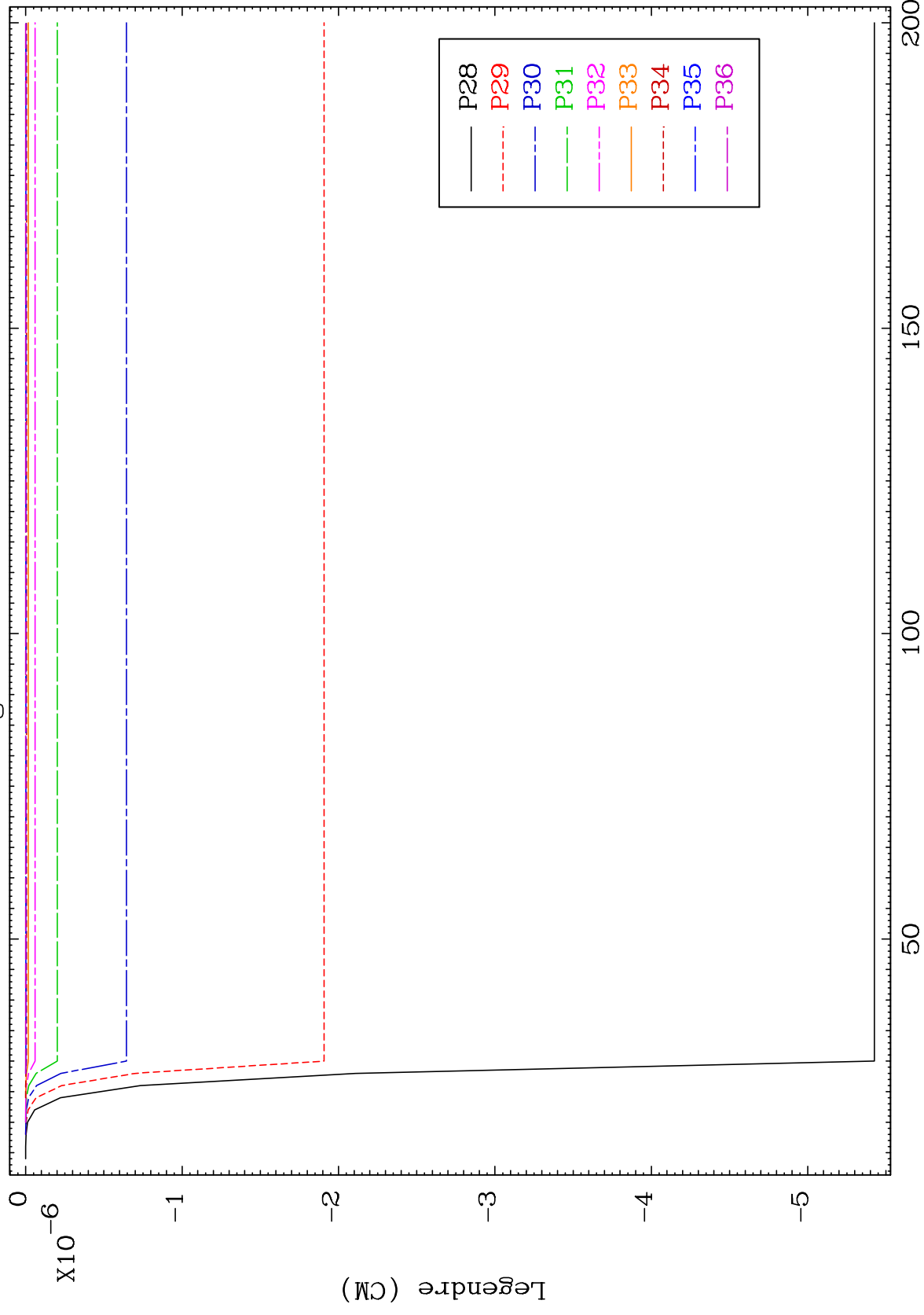
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



53

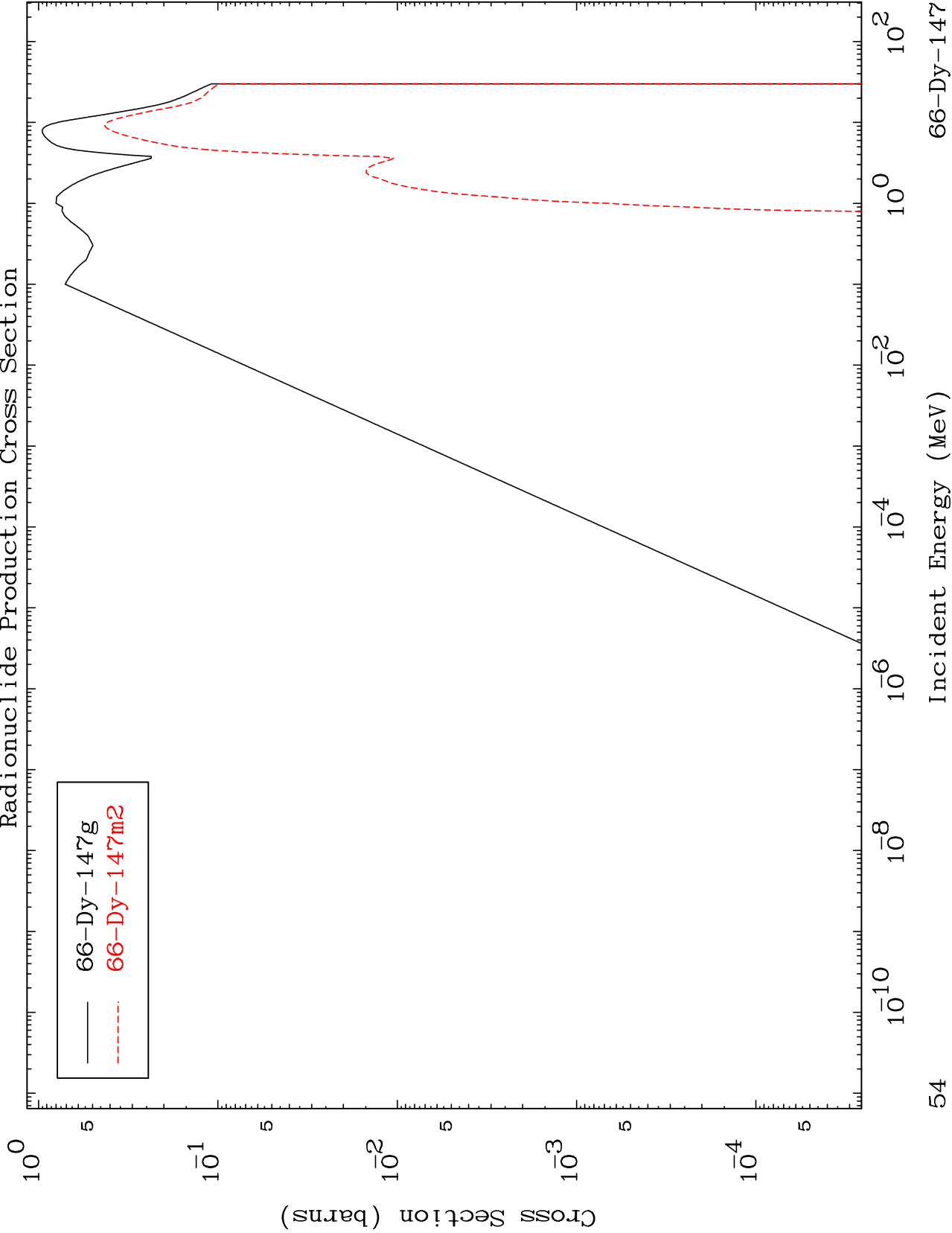
Incident Energy (MeV)

66-Dy-147

MAT 6598

Inelastic  
Radionuclide Production Cross Section

66-Dy-147



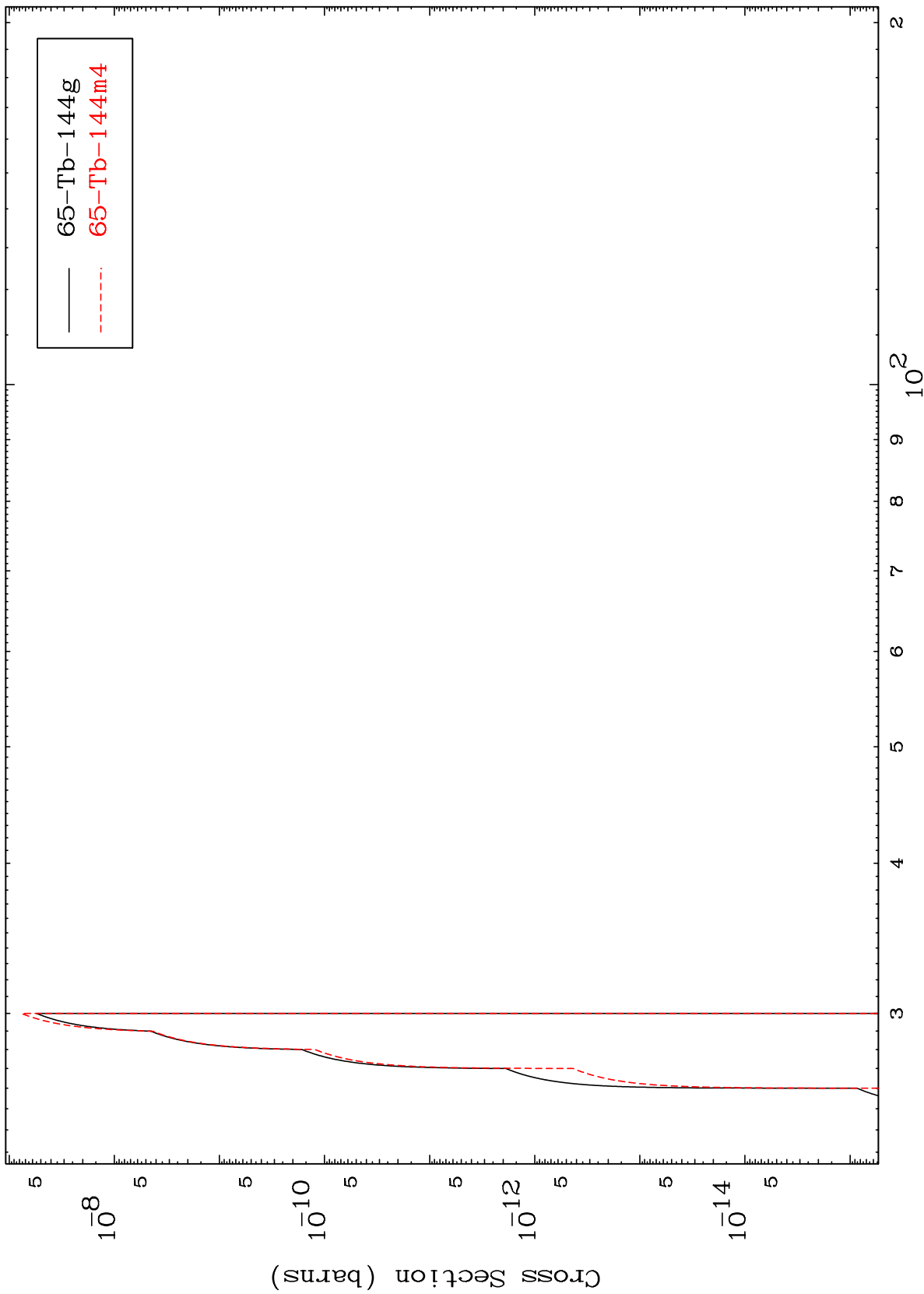
66-Dy-147g  
66-Dy-147m2

MAT 6598

(n,2n) d

66-Dy-147

Radionuclide Production Cross Section



55

Incident Energy (MeV)

66-Dy-147

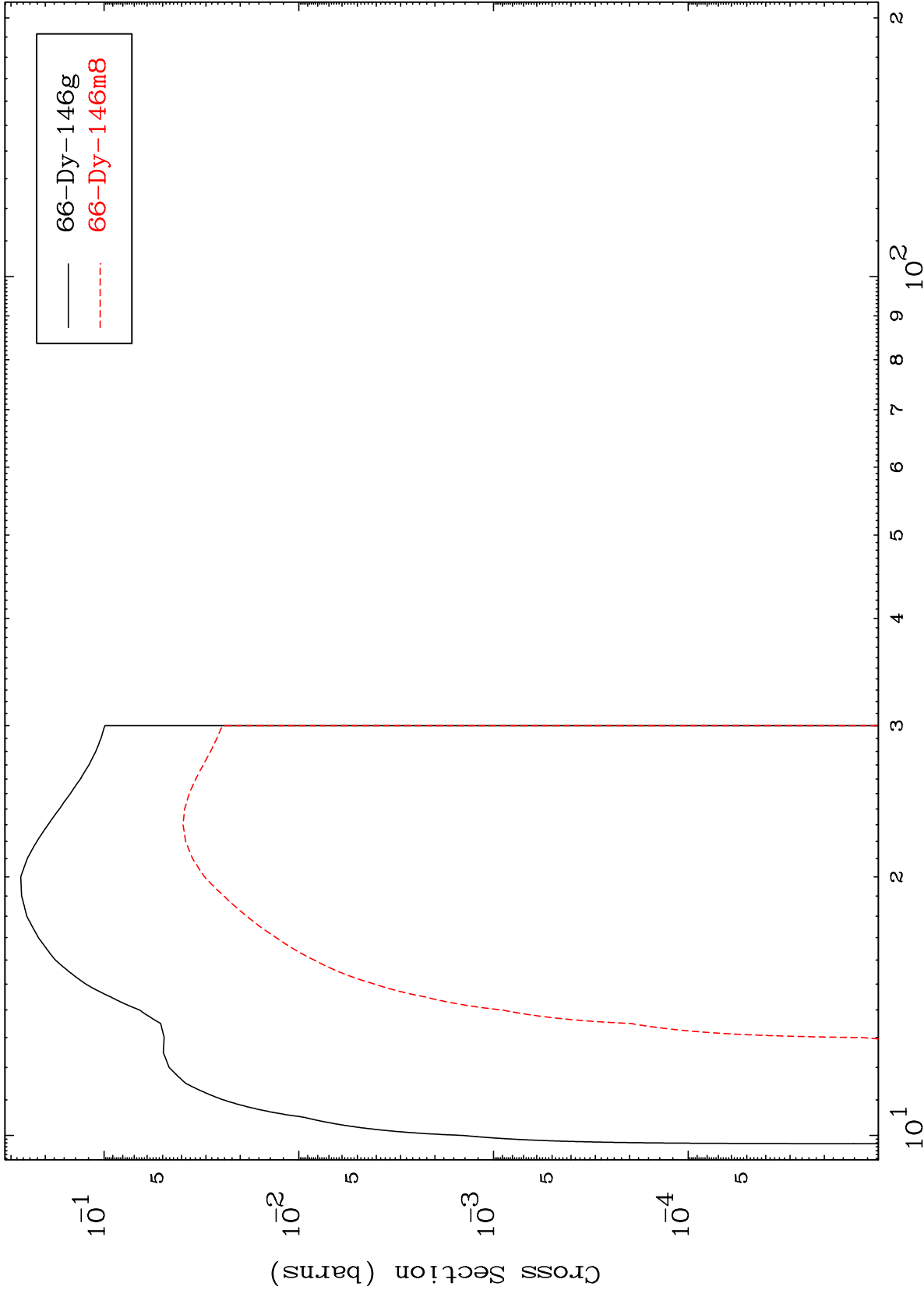


MAT 6598

(n,2n)

66-Dy-147

Radionuclide Production Cross Section



56

Incident Energy (MeV)

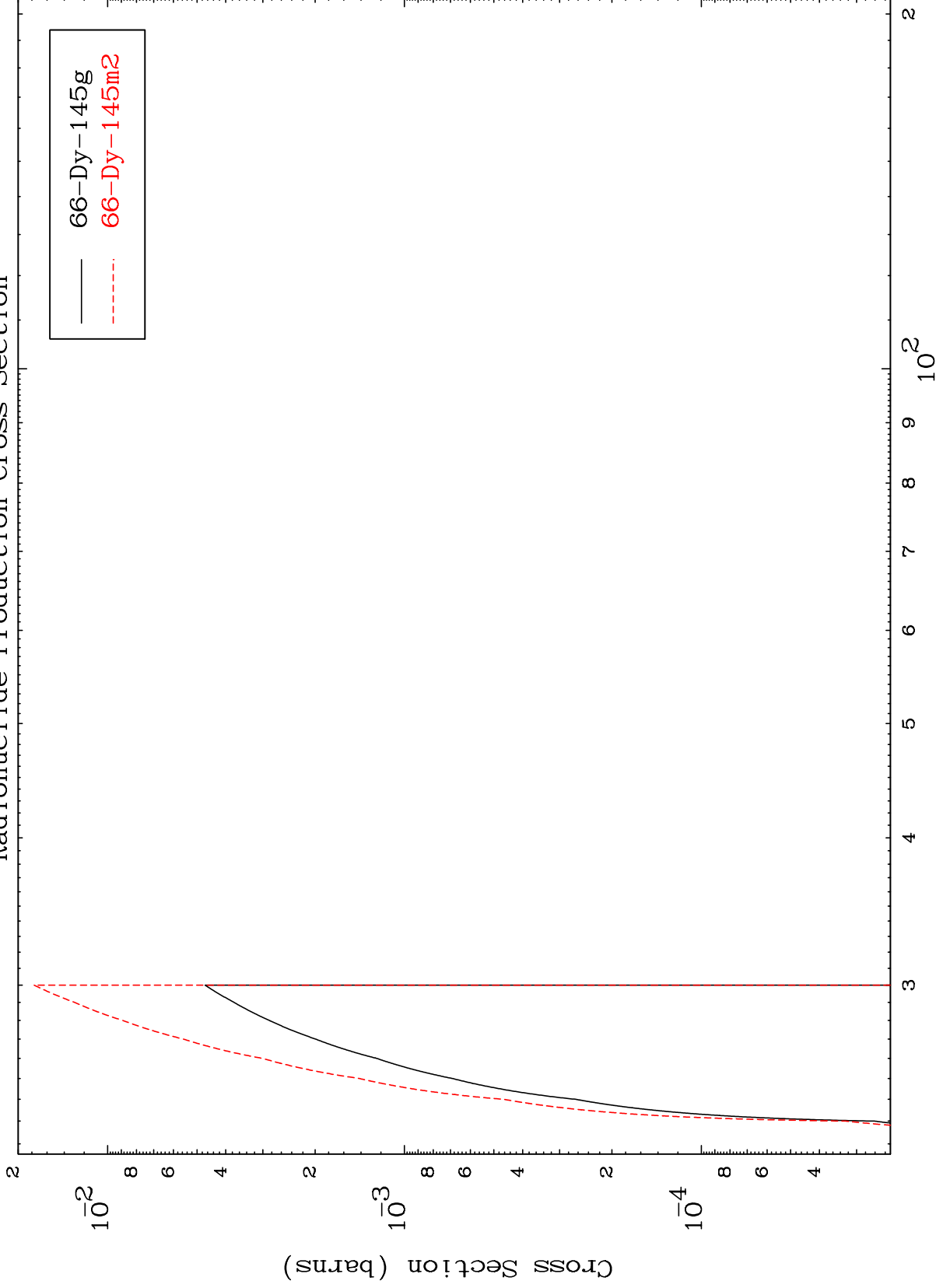
66-Dy-147

MAT 6598

(n,3n)

66-Dy-147

Radionuclide Production Cross Section



57

Incident Energy (MeV)

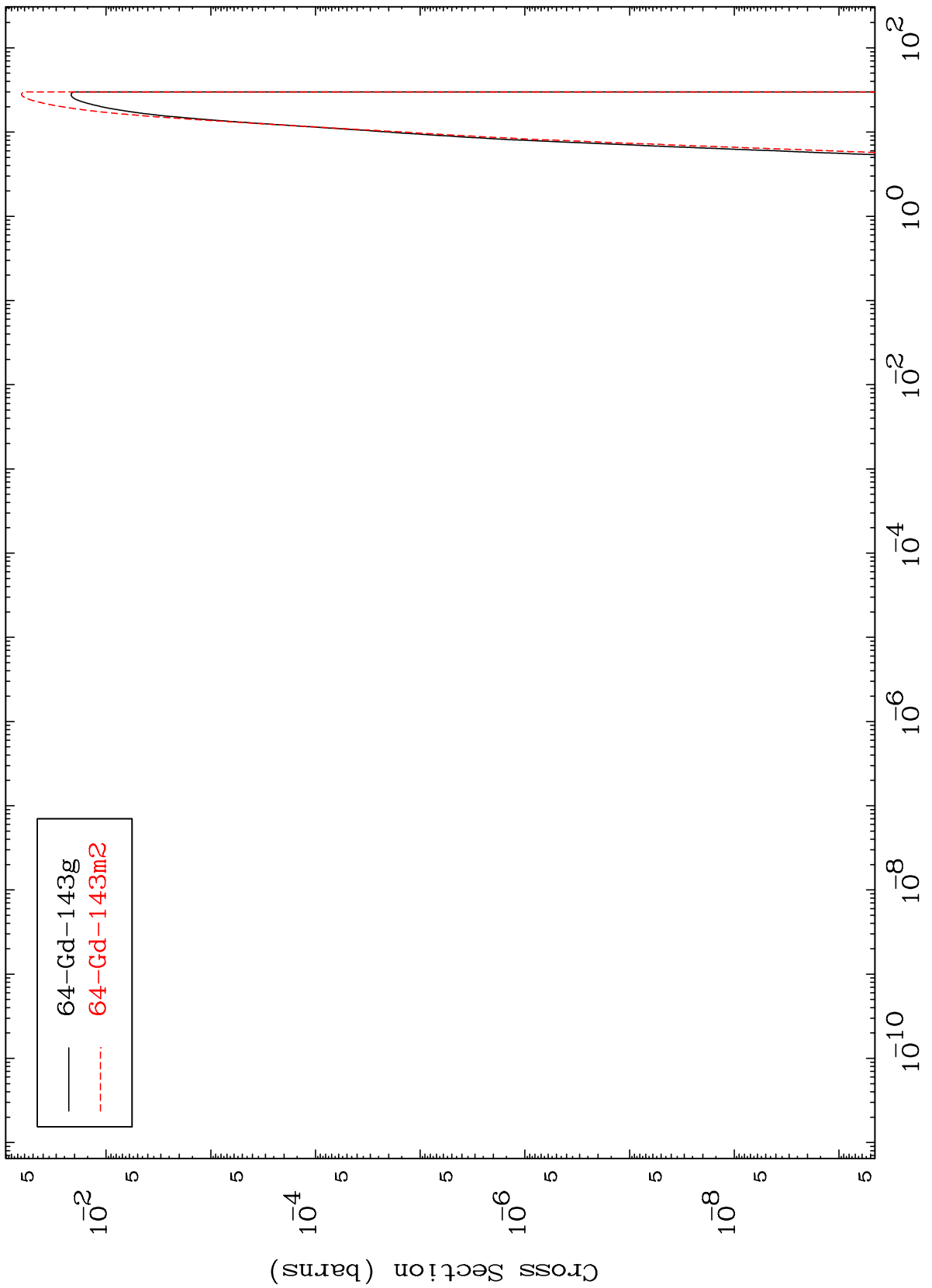
66-Dy-147

MAT 6598

(n,n')  $\alpha$

66-Dy-147

Radionuclide Production Cross Section



58

Incident Energy (MeV)

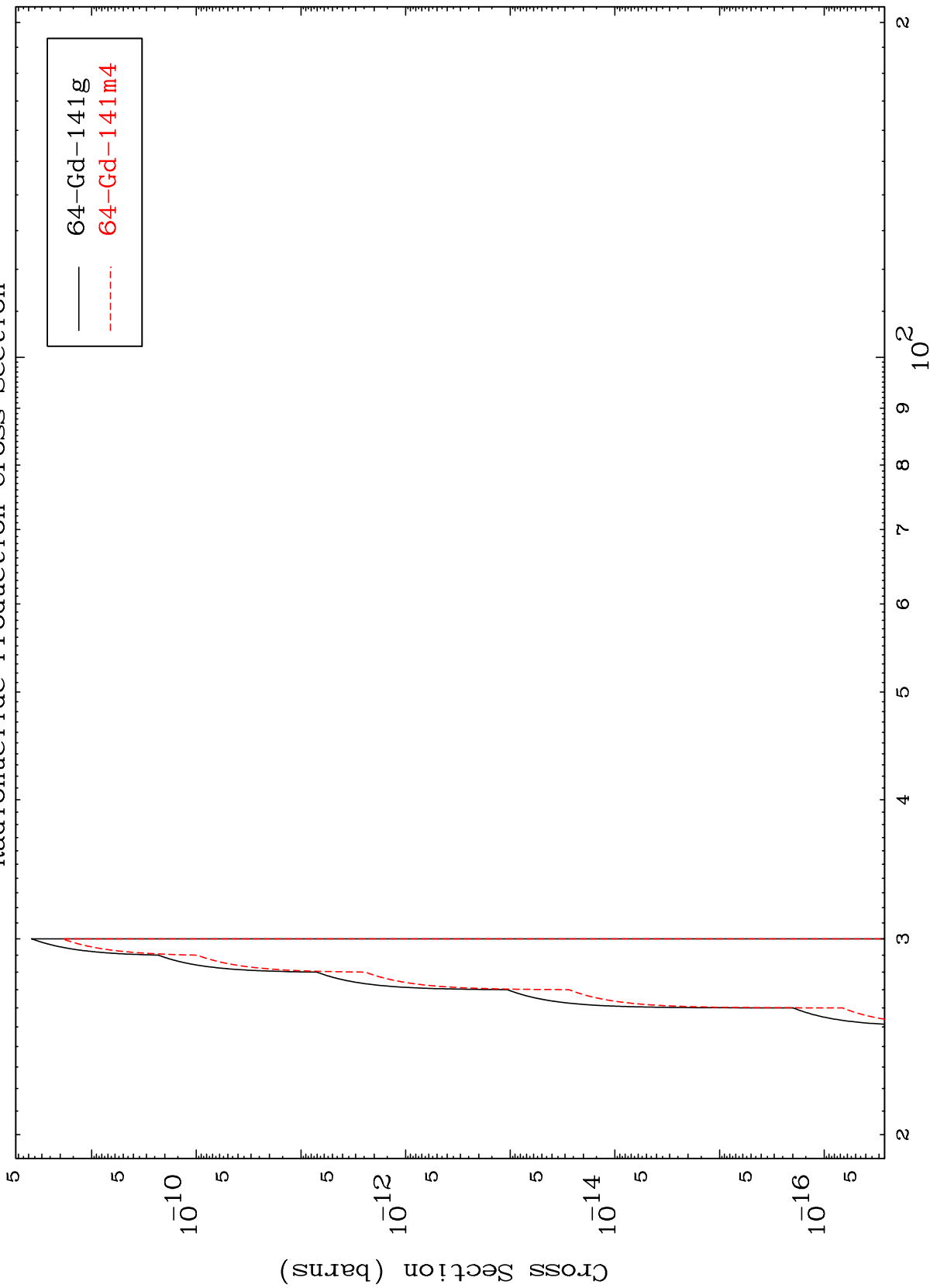
66-Dy-147

MAT 6598

(n,3n)  $\alpha$

66-Dy-147

Radionuclide Production Cross Section



59

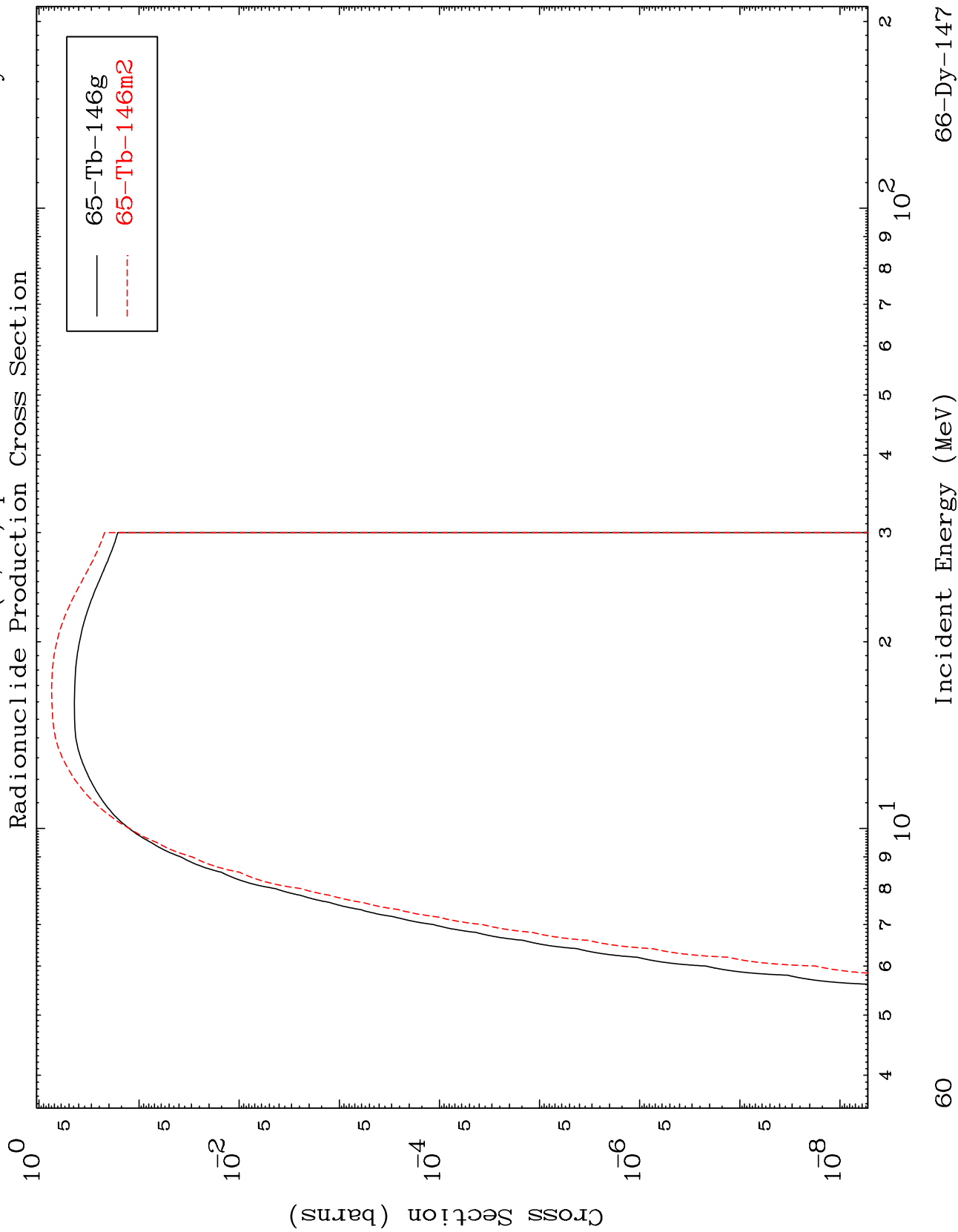
Incident Energy (MeV)

66-Dy-147

MAT 6598

(n,n') p

66-Dy-147



60

Incident Energy (MeV)

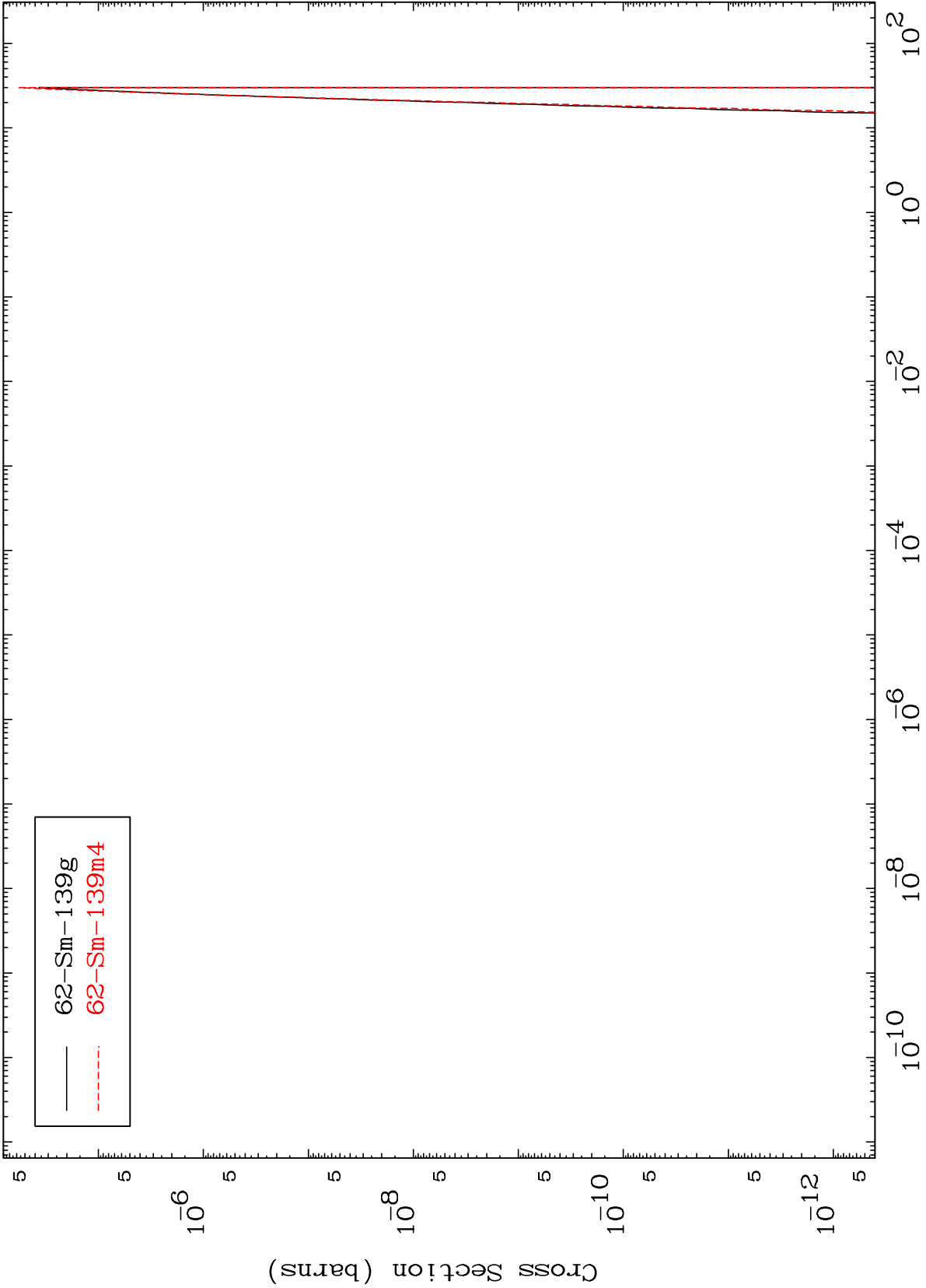
66-Dy-147

MAT 6598

(n,n') 2α

66-Dy-147

Radionuclide Production Cross Section



61

Incident Energy (MeV)

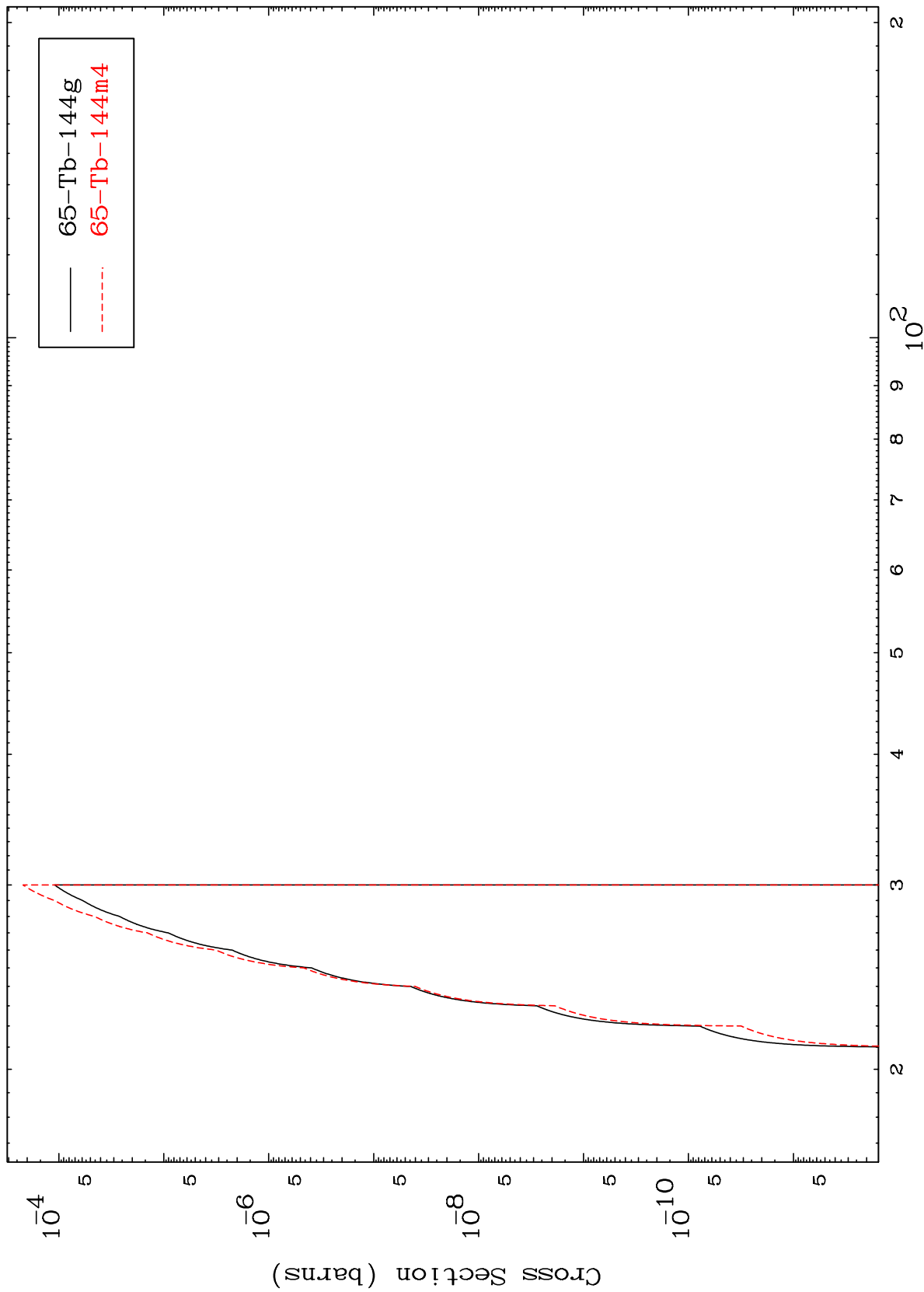
66-Dy-147

MAT 6598

(n,n') t

66-Dy-147

Radionuclide Production Cross Section



62

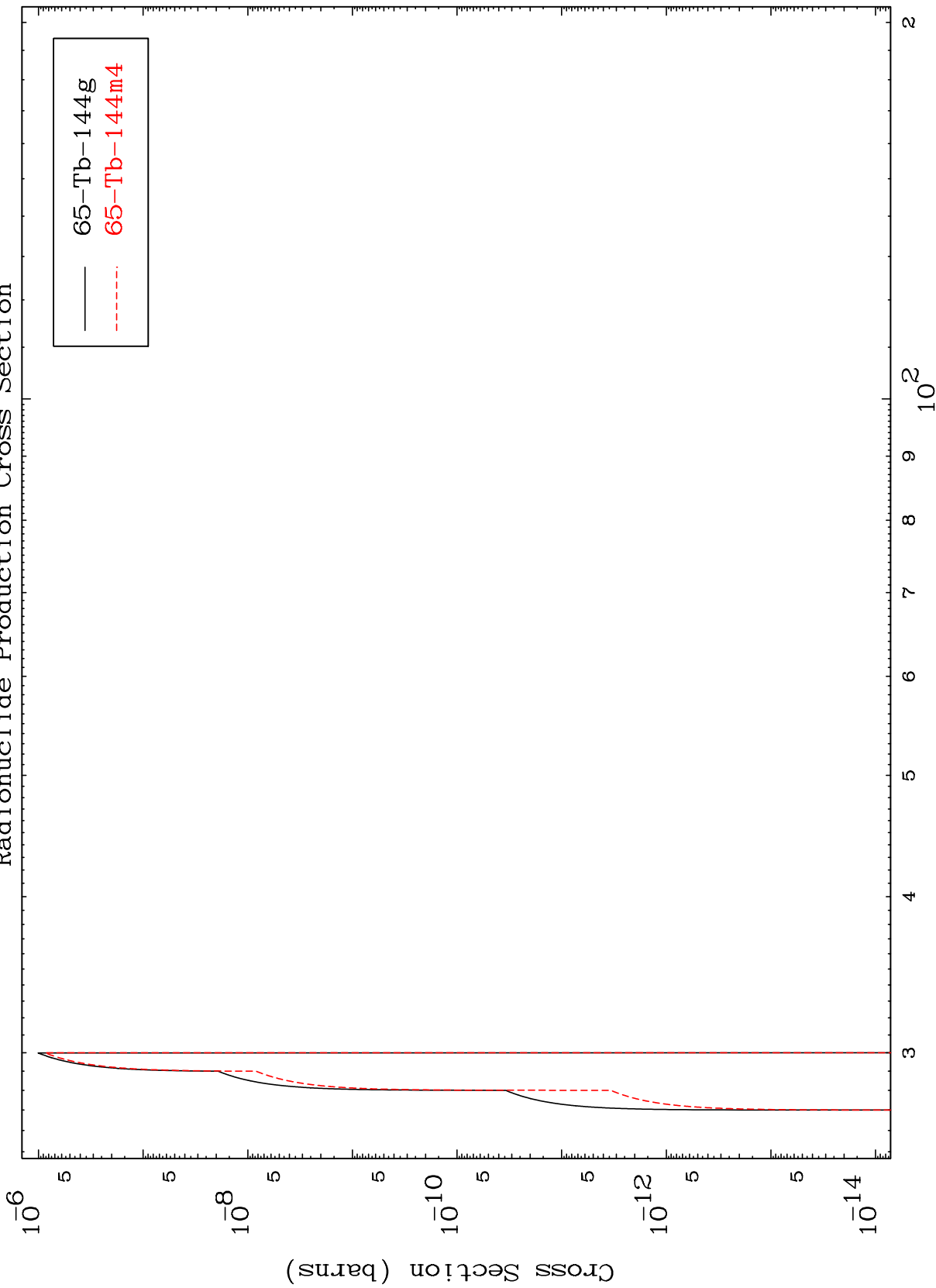
Incident Energy (MeV)

66-Dy-147

MAT 6598

66-Dy-147

(n,3n) p  
Radionuclide Production Cross Section



65-Tb-144g  
65-Tb-144m4

63

Incident Energy (MeV)

66-Dy-147

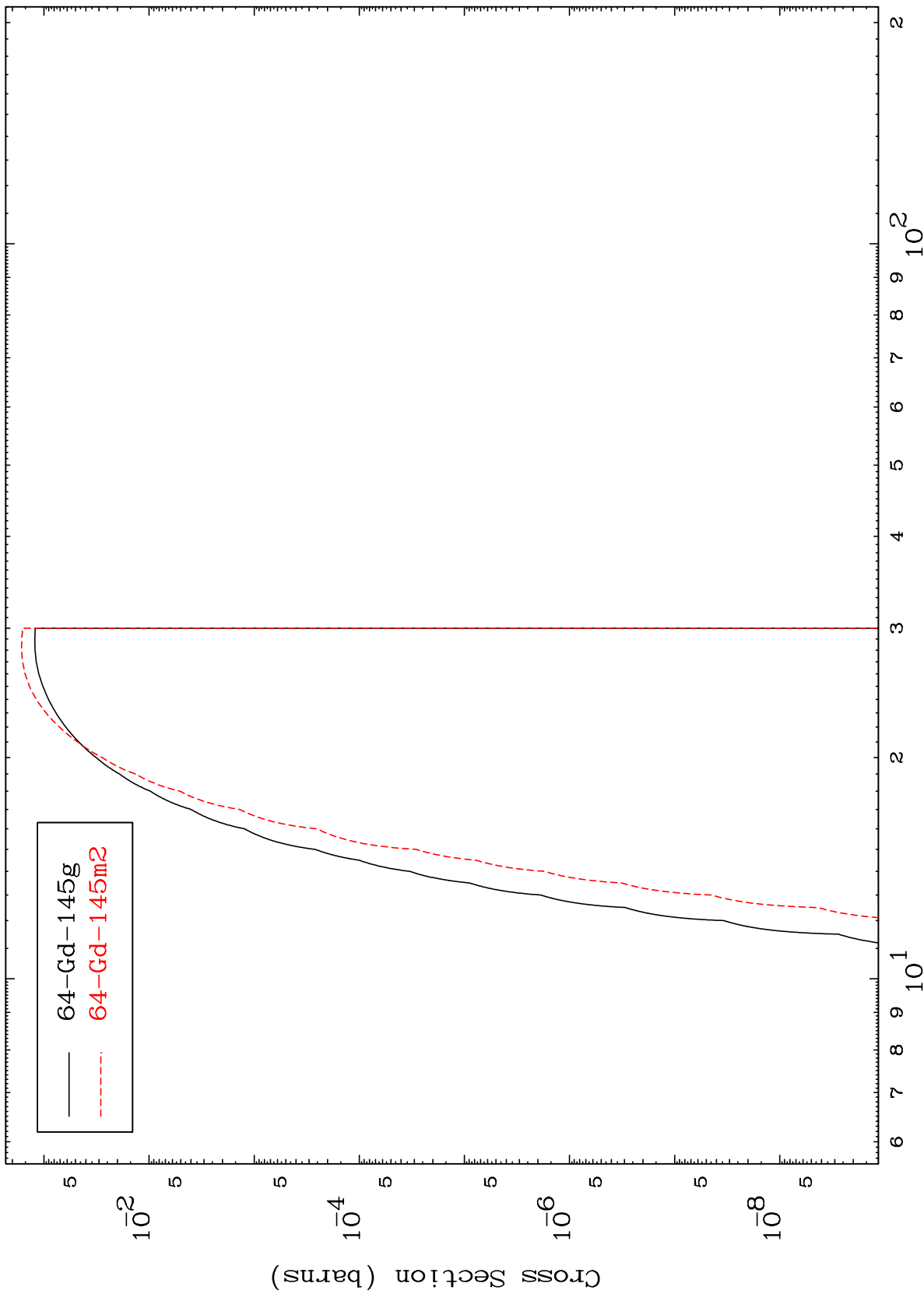


MAT 6598

(n,2n) p

66-Dy-147

Radionuclide Production Cross Section



64

Incident Energy (MeV)

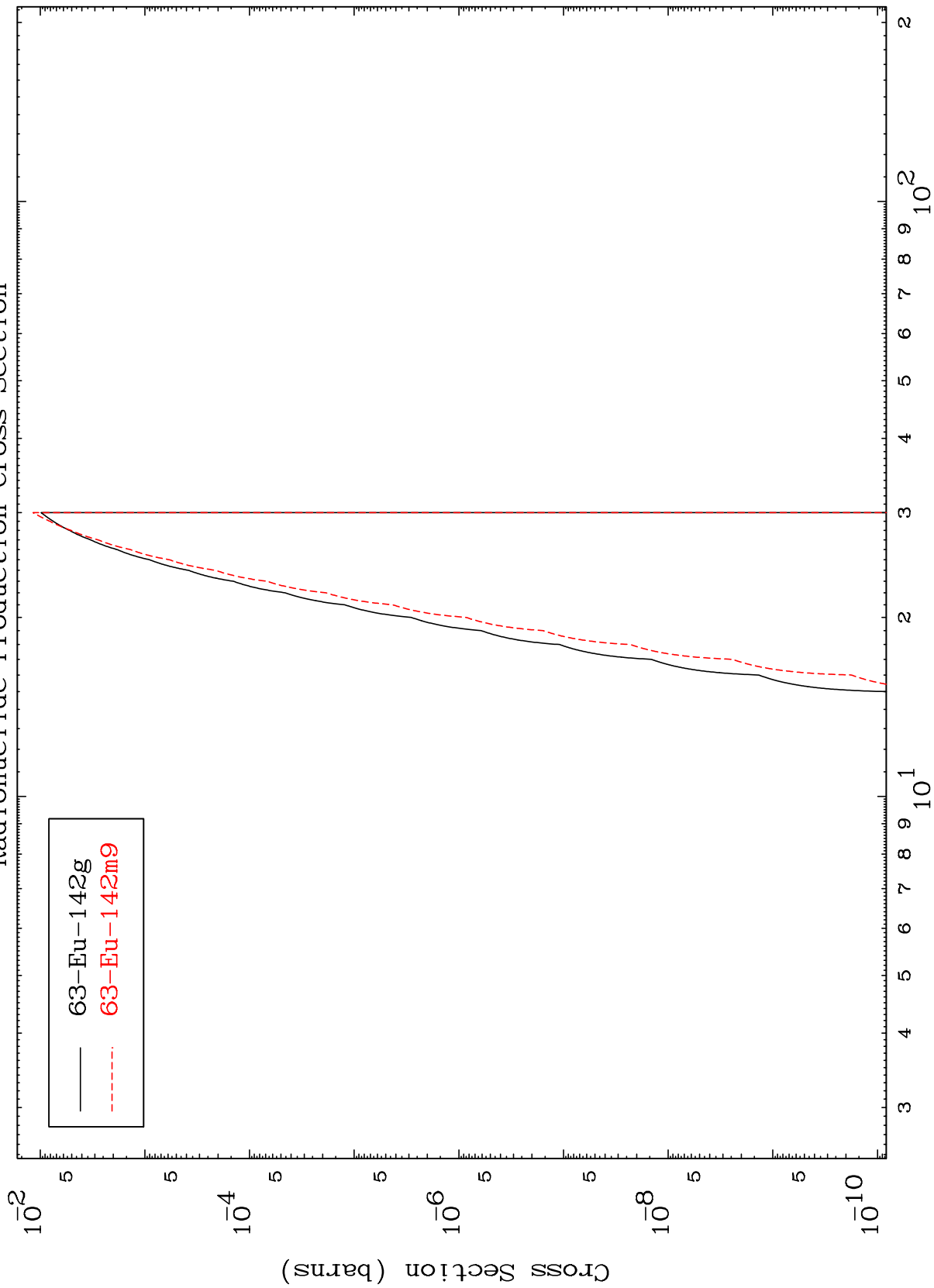
66-Dy-147

MAT 6598

(n,n') p  $\alpha$

66-Dy-147

Radionuclide Production Cross Section



63-Eu-142g  
63-Eu-142m9

65

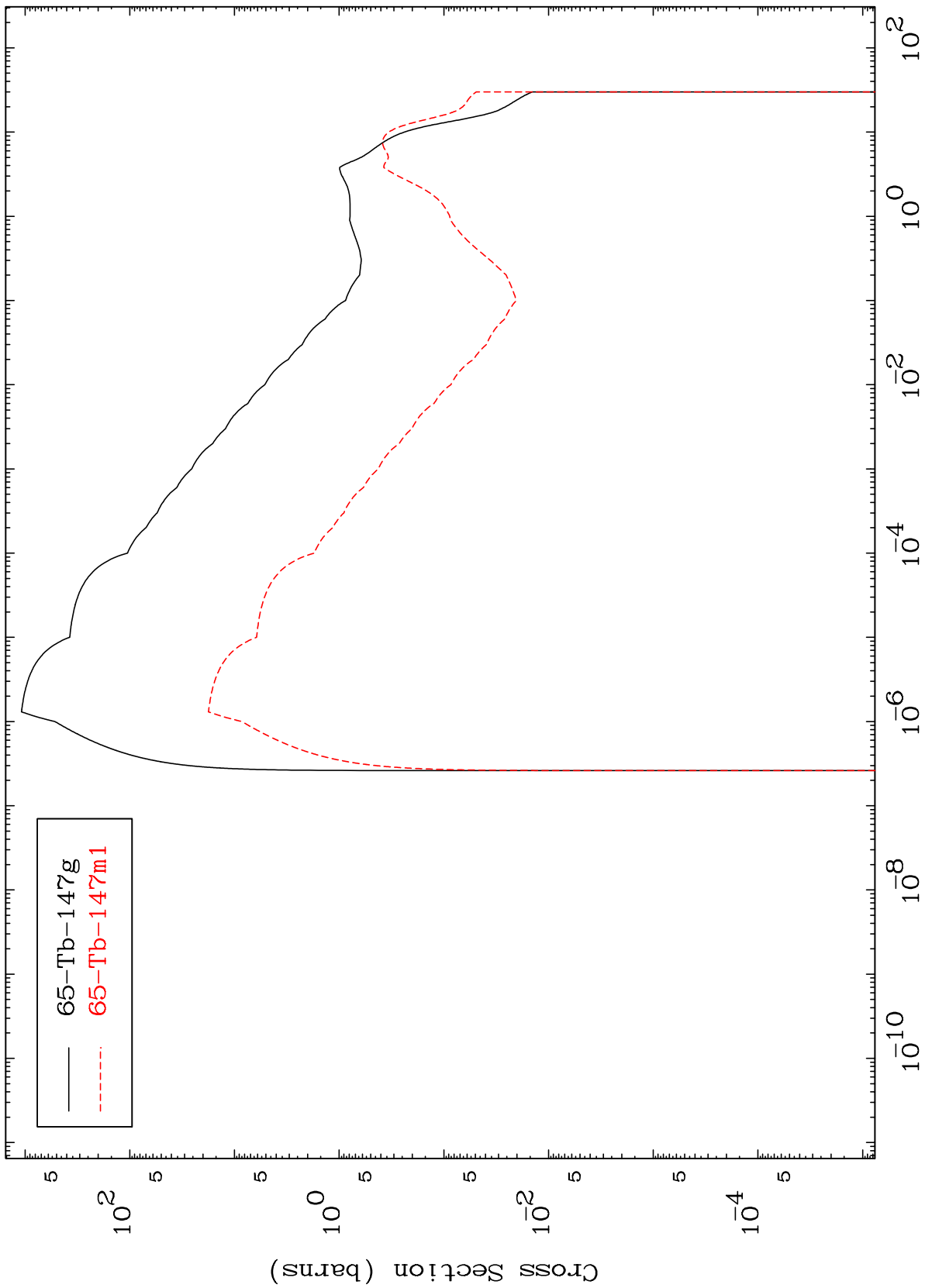
Incident Energy (MeV)

66-Dy-147

MAT 6598

66-Dy-147

(n,p)  
Radionuclide Production Cross Section



— 65-Tb-147g  
- - - 65-Tb-147m1

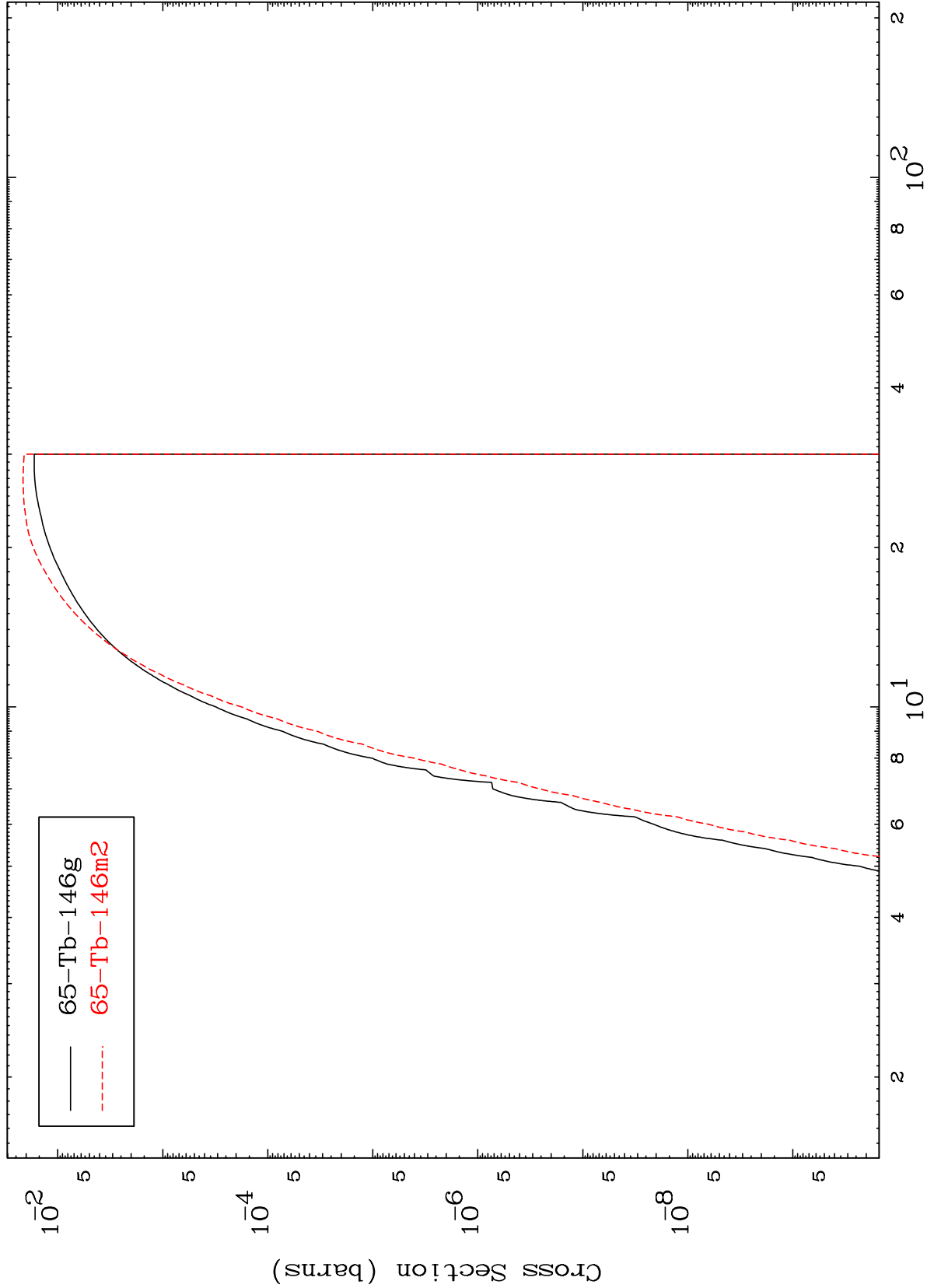
66

66-Dy-147

MAT 6598

66-Dy-147

(n,d)  
Radionuclide Production Cross Section



66-Dy-147

Incident Energy (MeV)

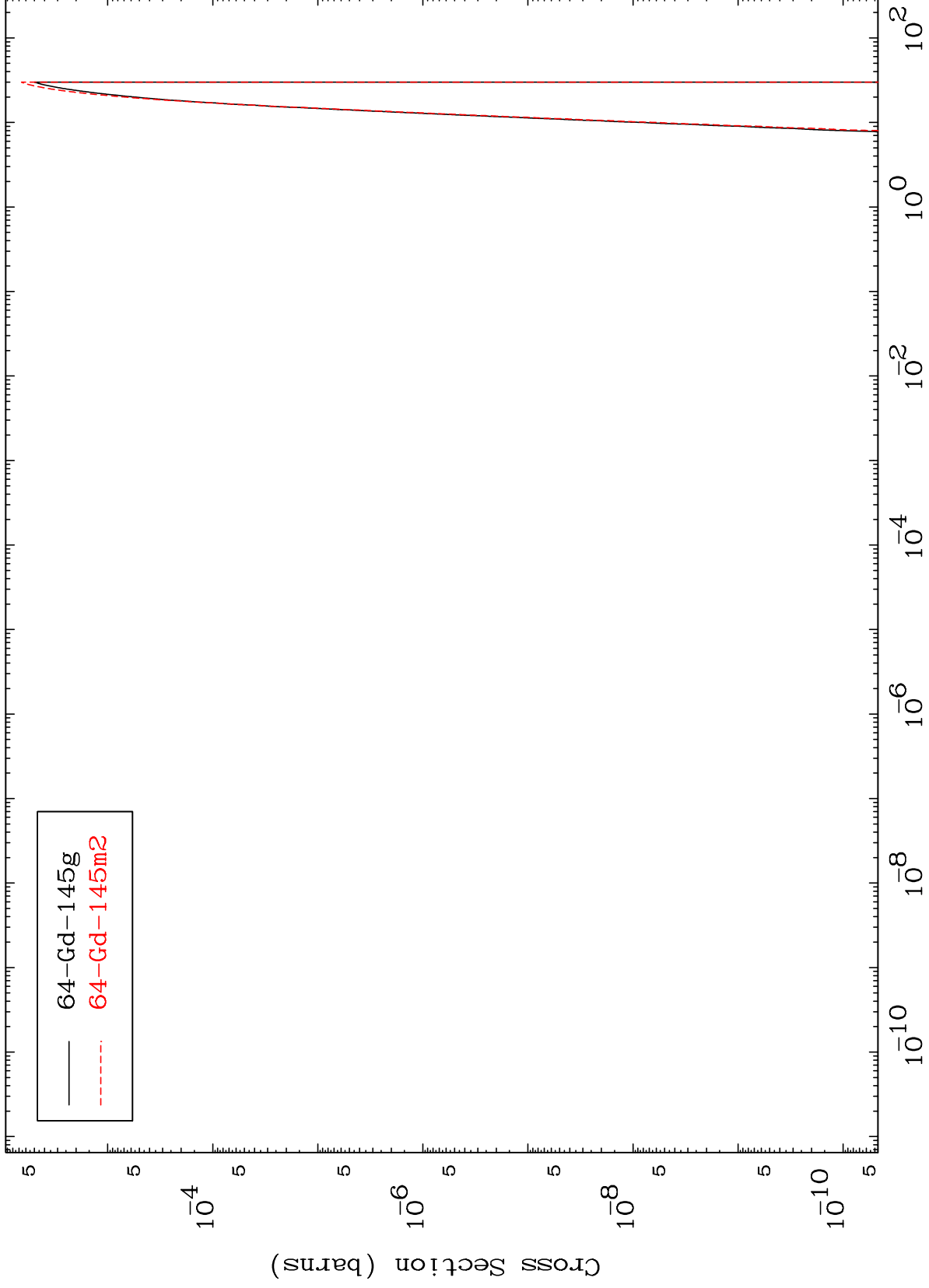
67

MAT 6598

(n,He-3)

66-Dy-147

Radionuclide Production Cross Section



68

Incident Energy (MeV)

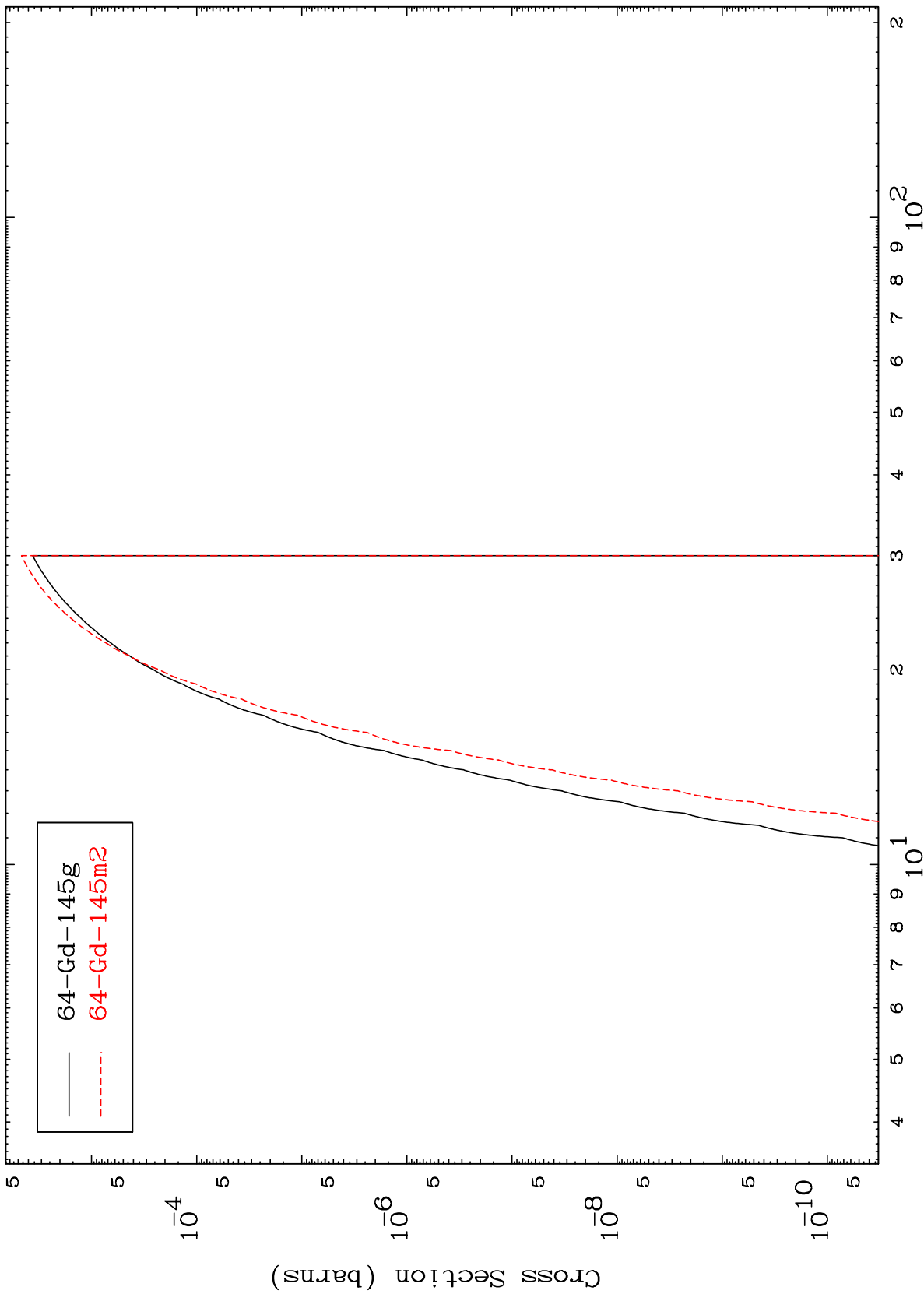
66-Dy-147

MAT 6598

(n,p) d

66-Dy-147

Radionuclide Production Cross Section



69

Incident Energy (MeV)

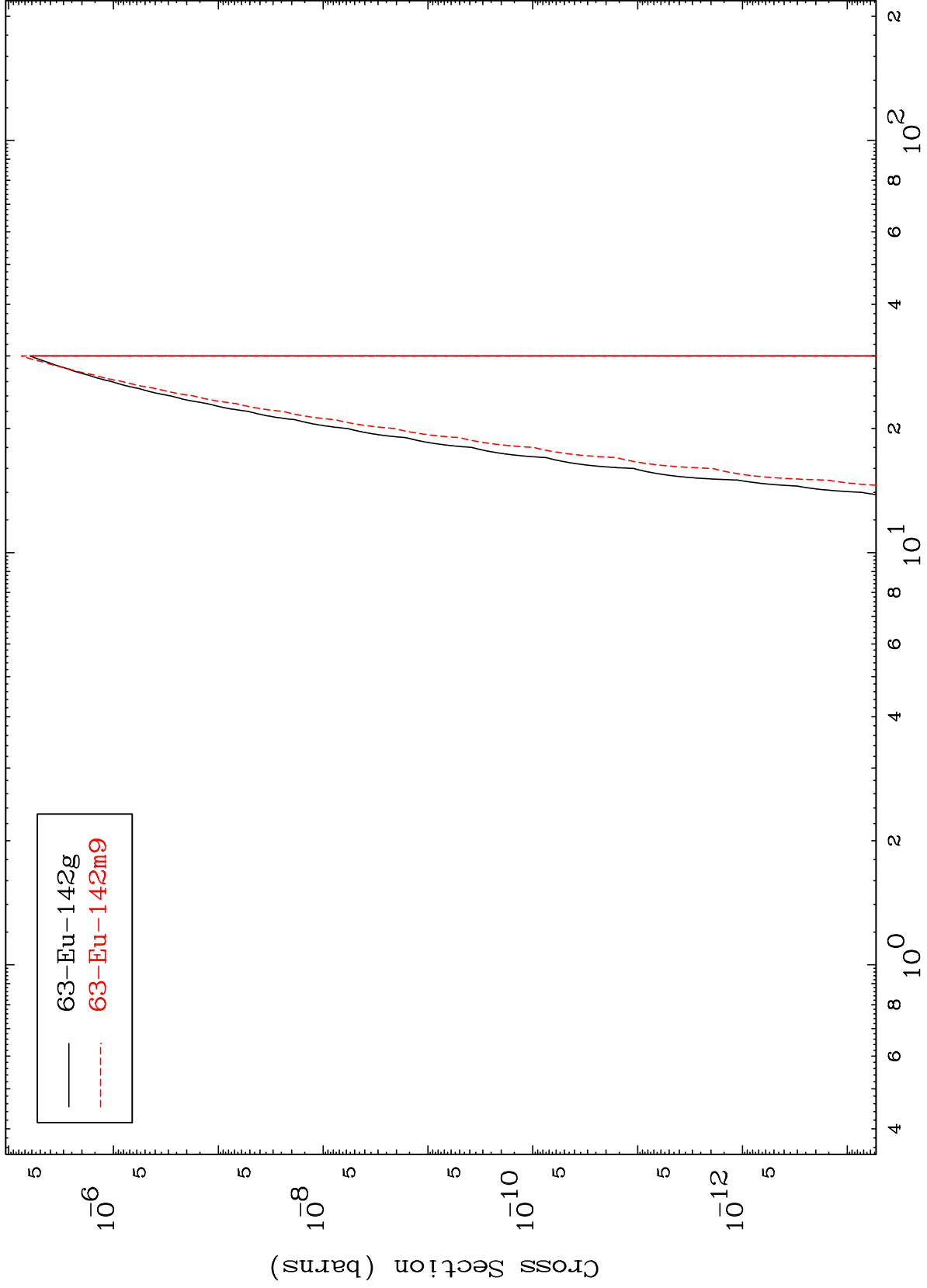
66-Dy-147

MAT 6598

(n,d)  $\alpha$

66-Dy-147

Radionuclide Production Cross Section



70

Incident Energy (MeV)

66-Dy-147