

Program EVALPLOT
(Version 2015-2)

by

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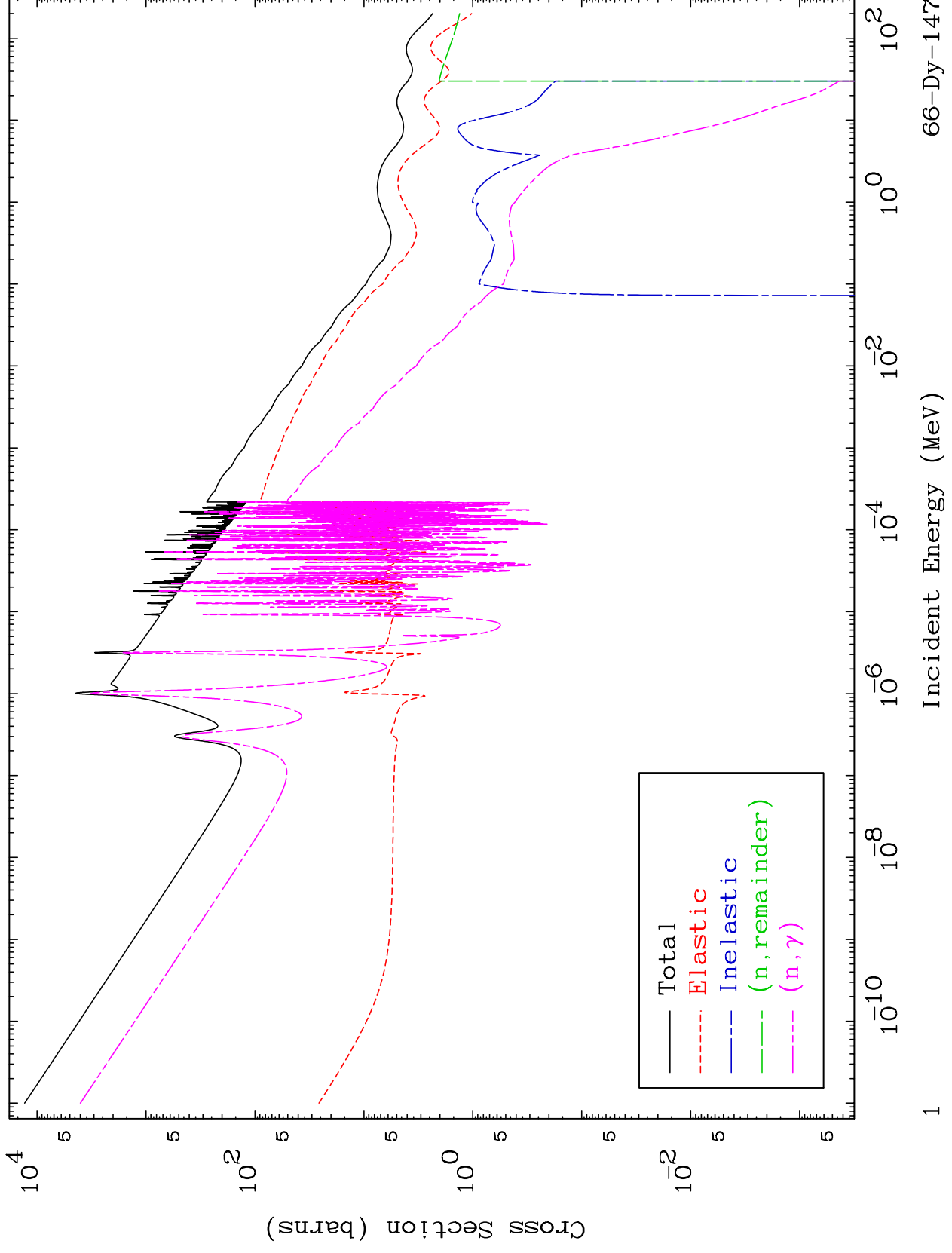
Press Mouse Button to Start

MAT 6598

Major

293 Kelvin Cross Sections

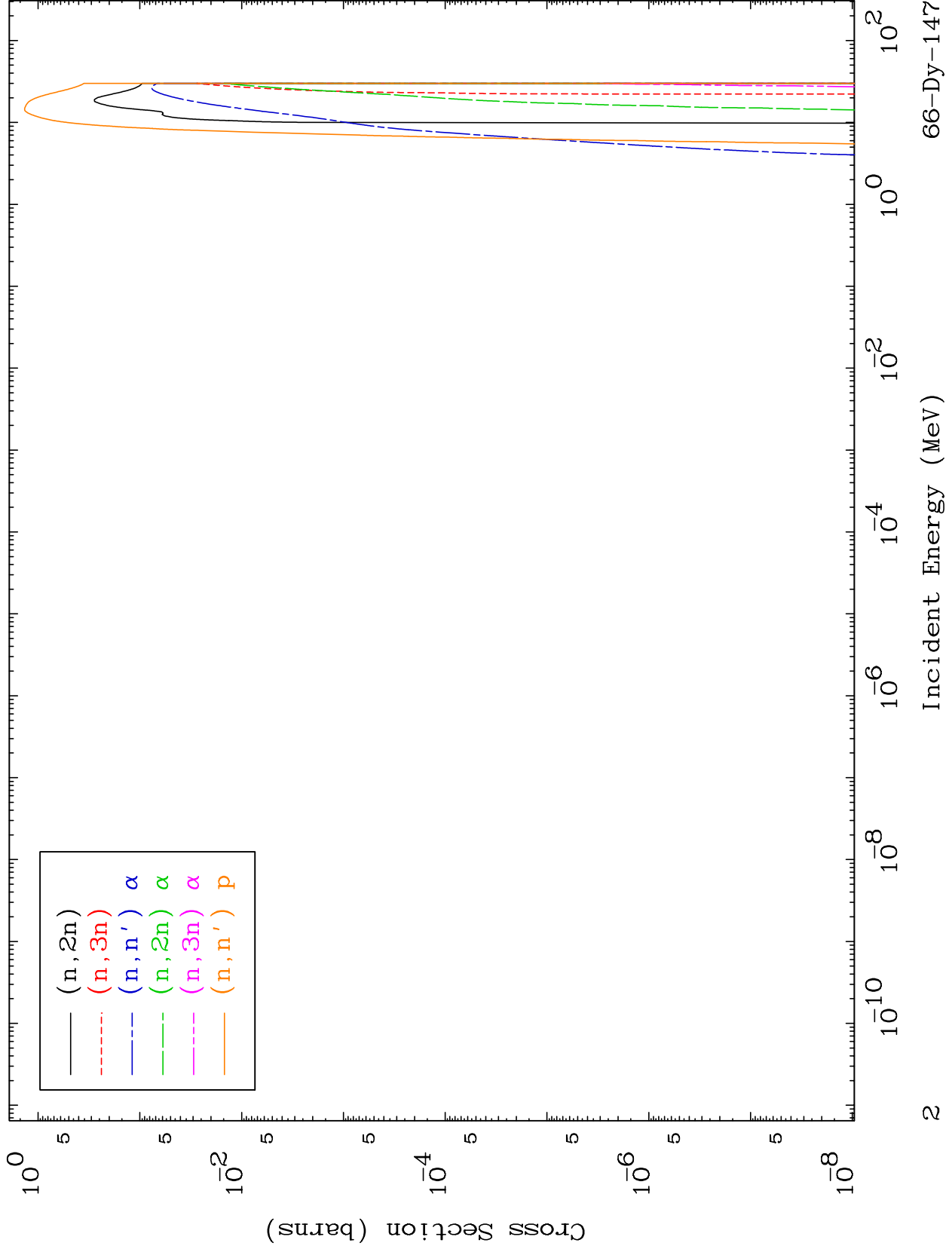
66-Dy-147



MAT 6598

Neutron Production
293 Kelvin Cross Sections

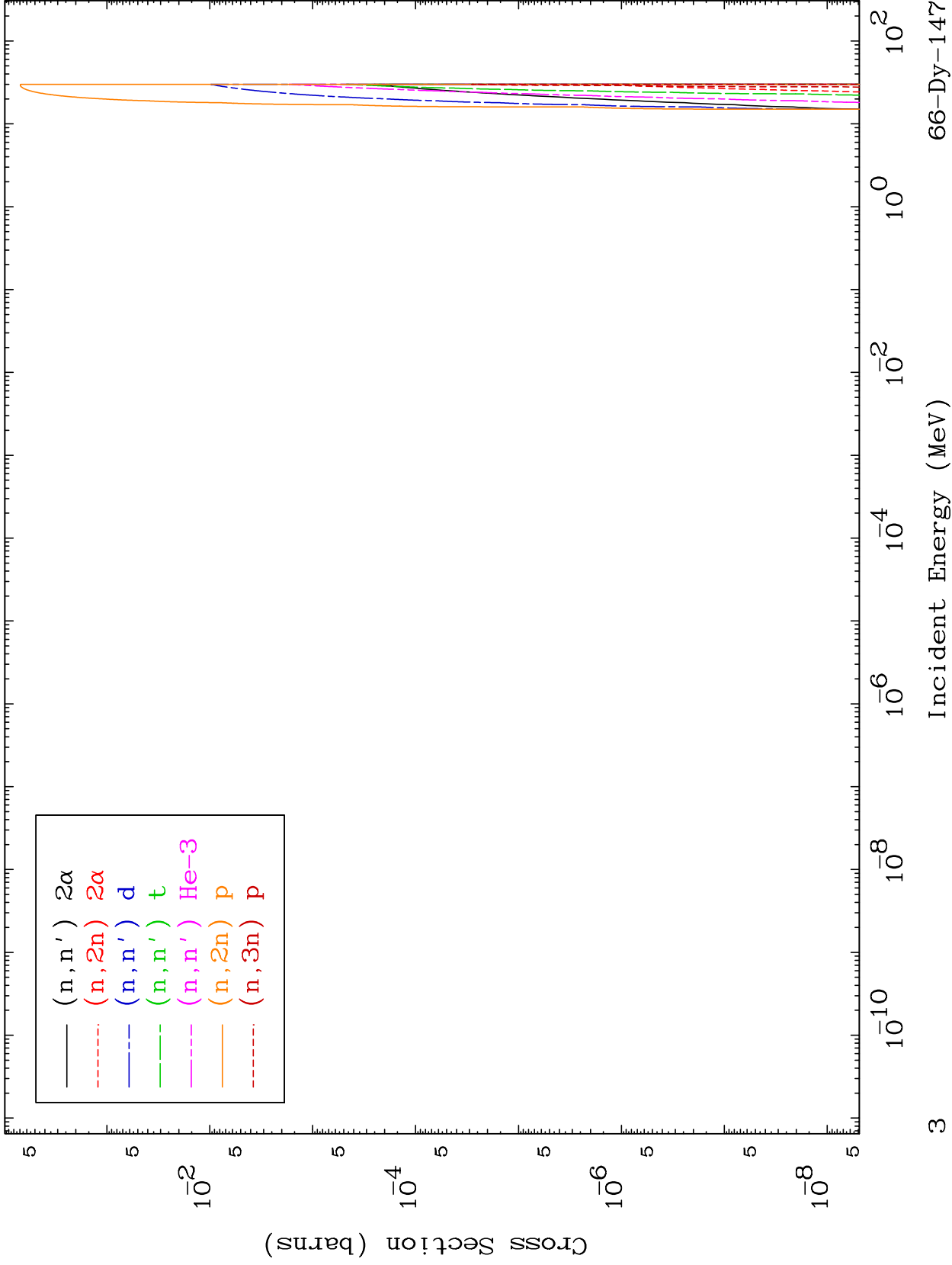
66-Dy-147



MAT 6598

Neutron Production
293 Kelvin Cross Sections

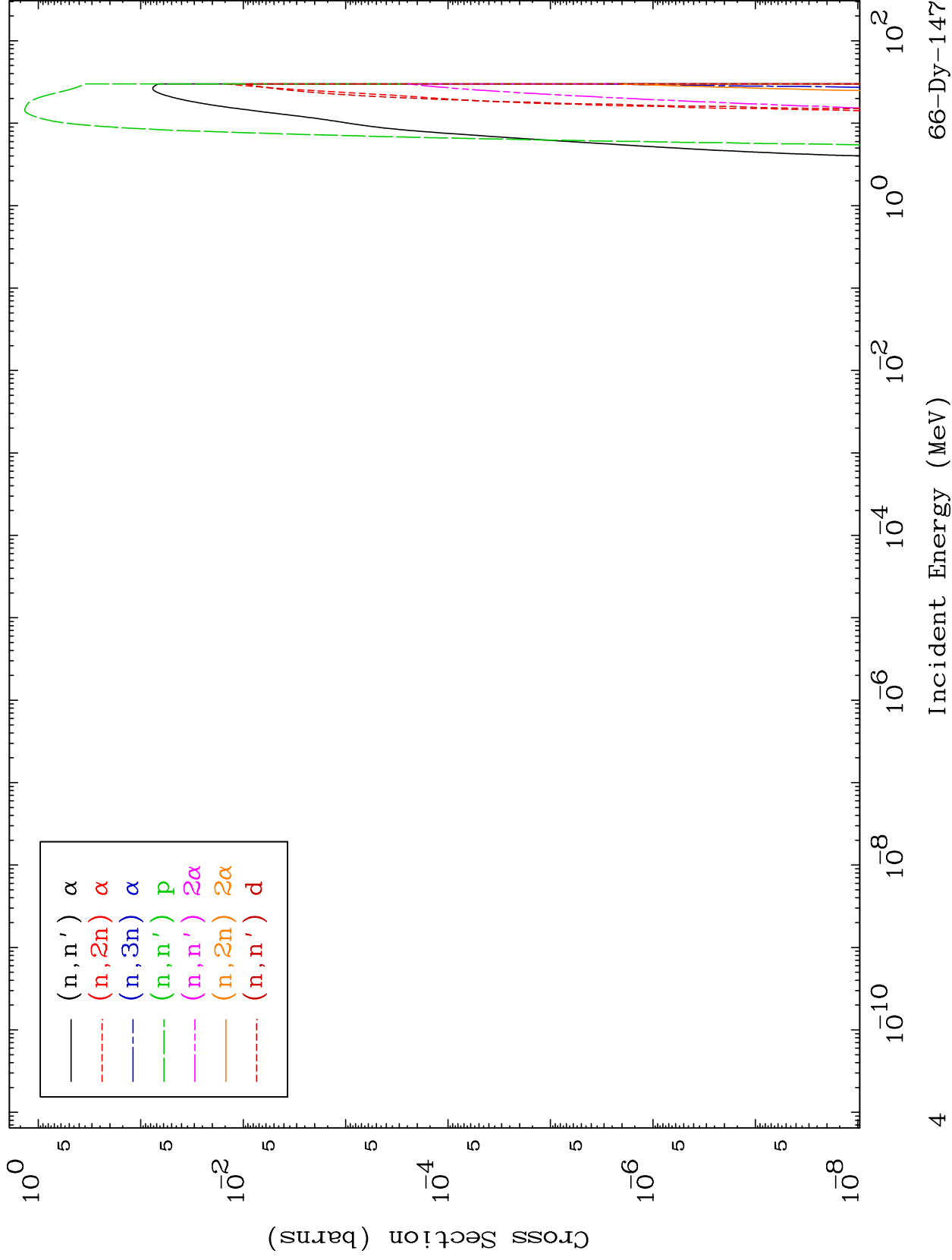
66-Dy-147



MAT 6598

Charged Particle
293 Kelvin Cross Sections

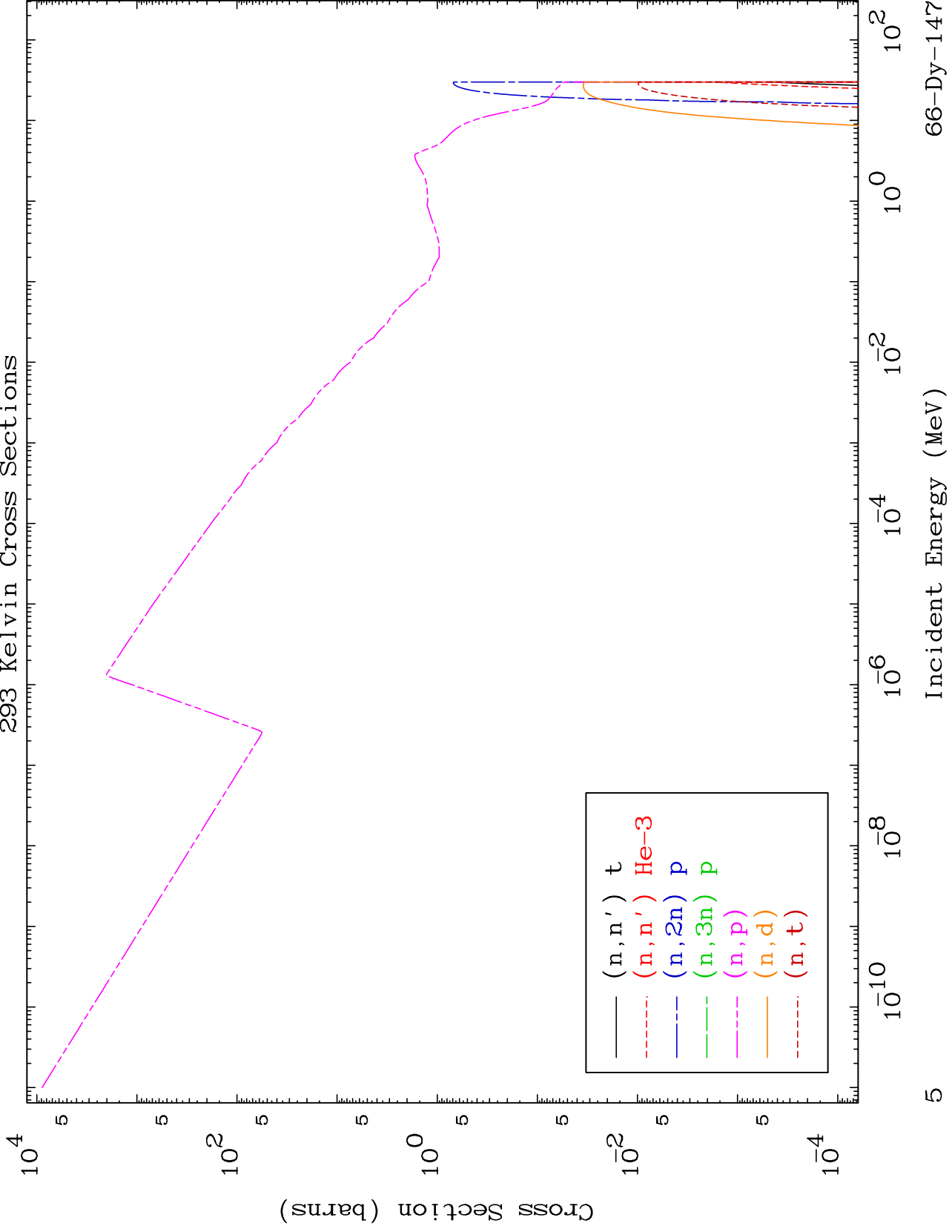
66-Dy-147



MAT 6598

Charged Particle
293 Kelvin Cross Sections

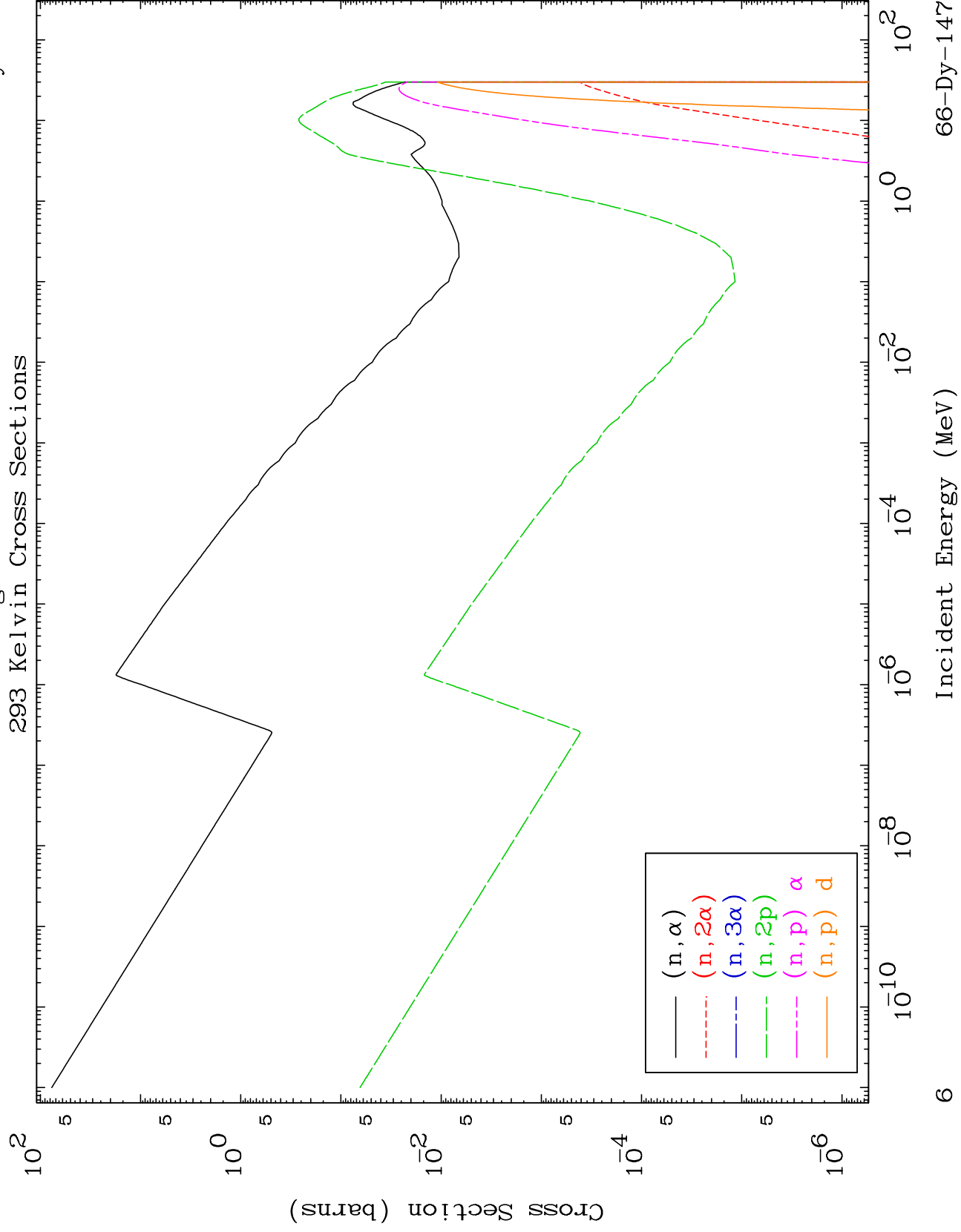
66-Dy-147



MAT 6598

Charged Particle
293 Kelvin Cross Sections

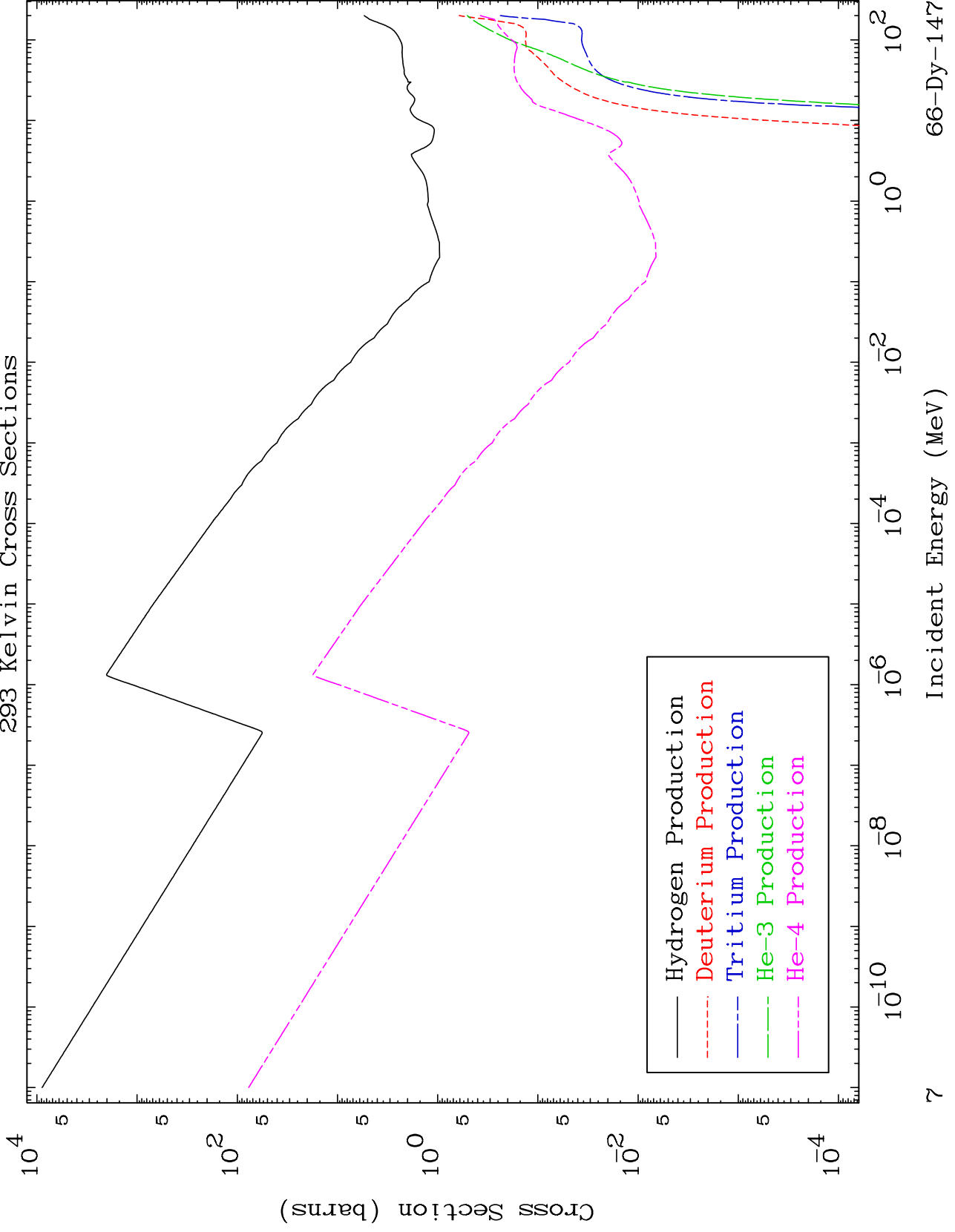
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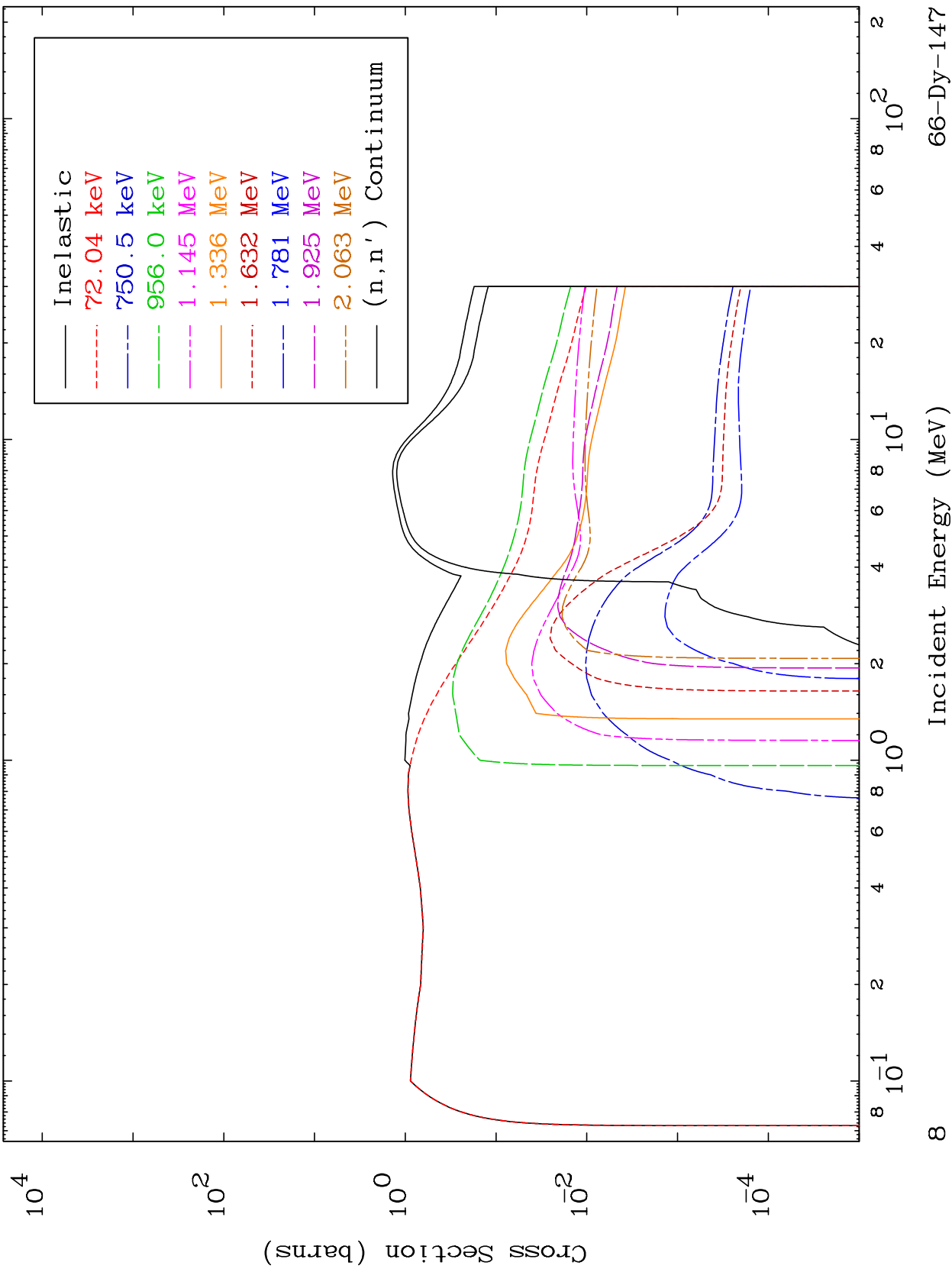


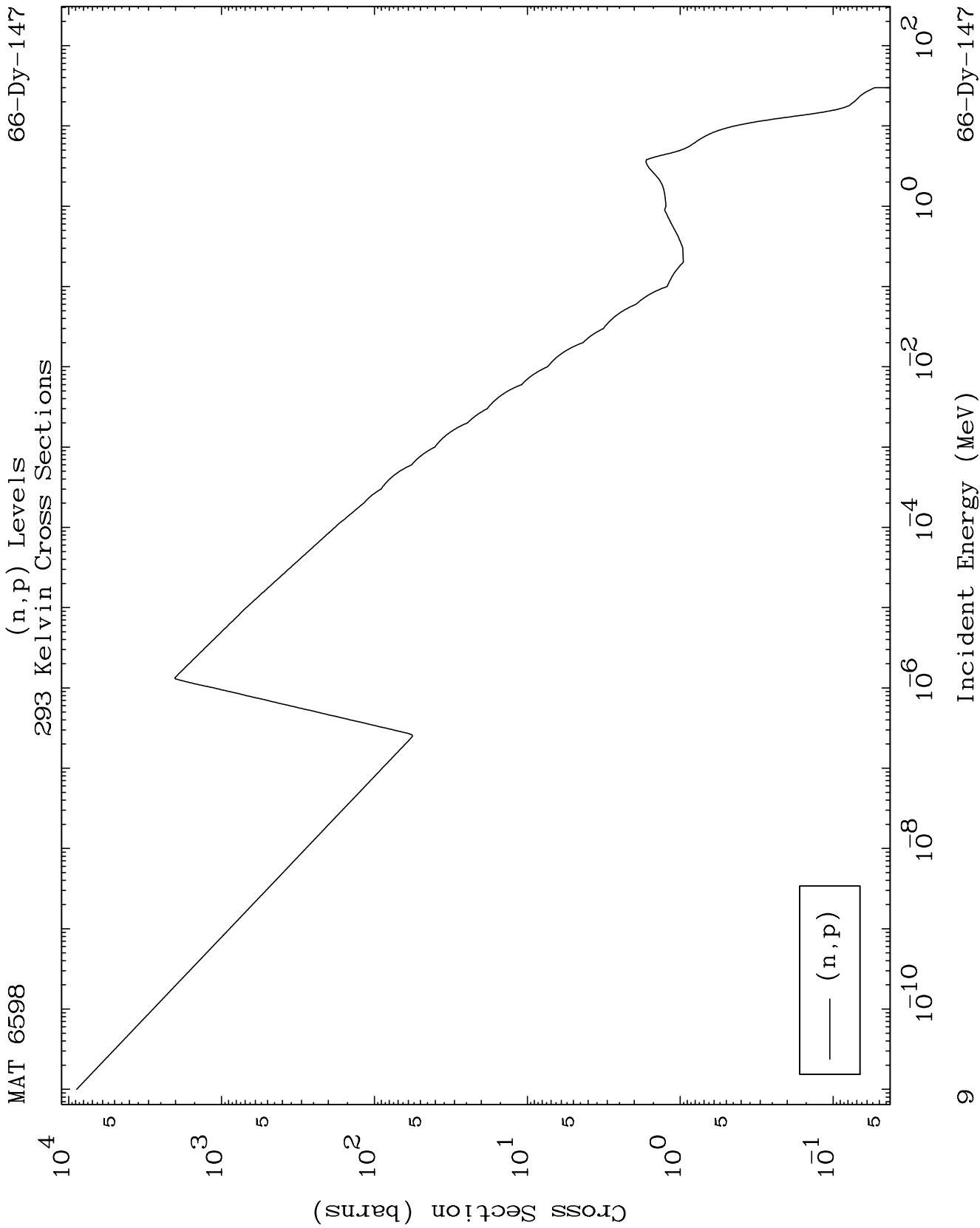
MAT 6598

Particle Production
293 Kelvin Cross Sections

66-Dy-147



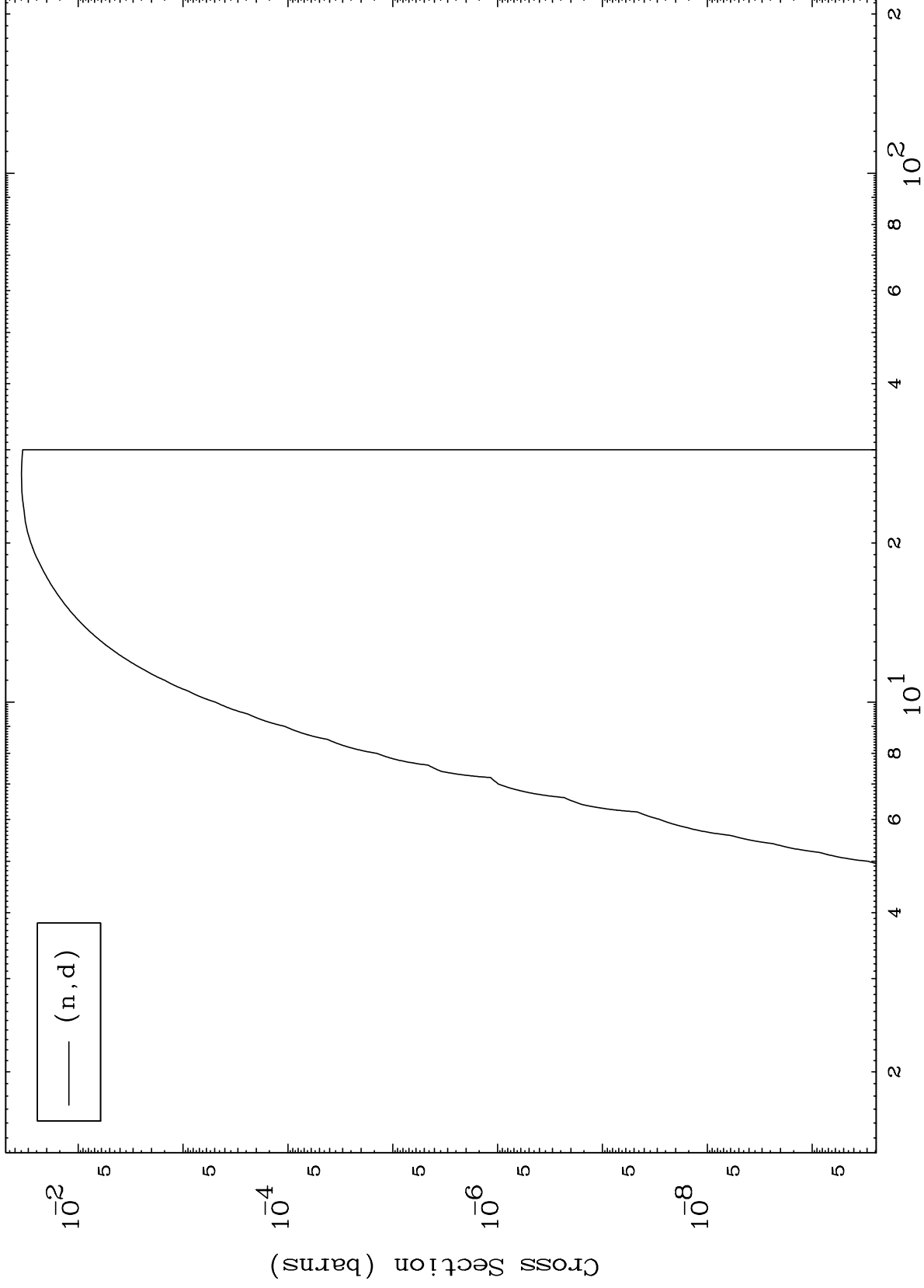




MAT 6598

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-147



10

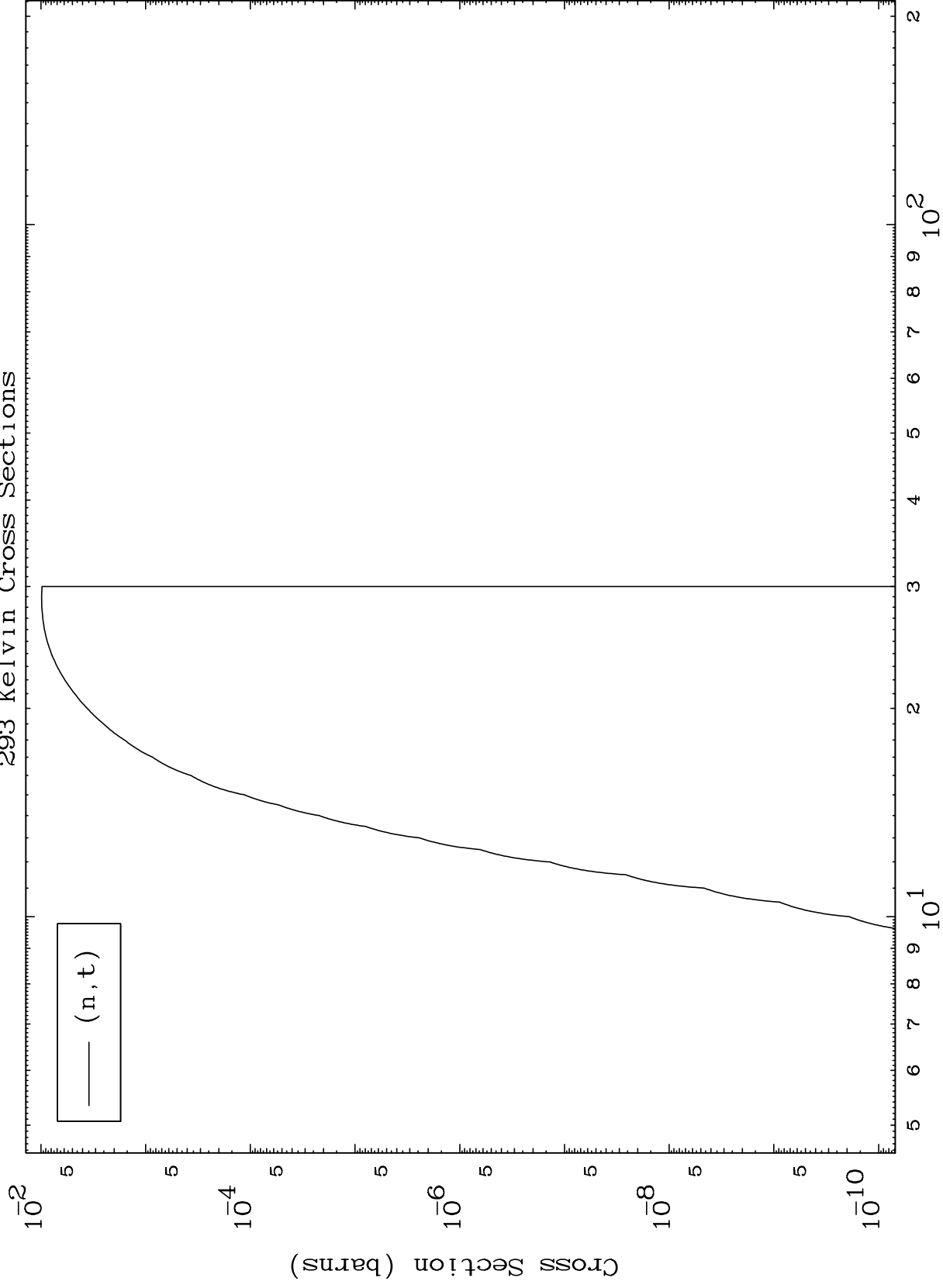
Incident Energy (MeV)

66-Dy-147

MAT 6598

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-147



11

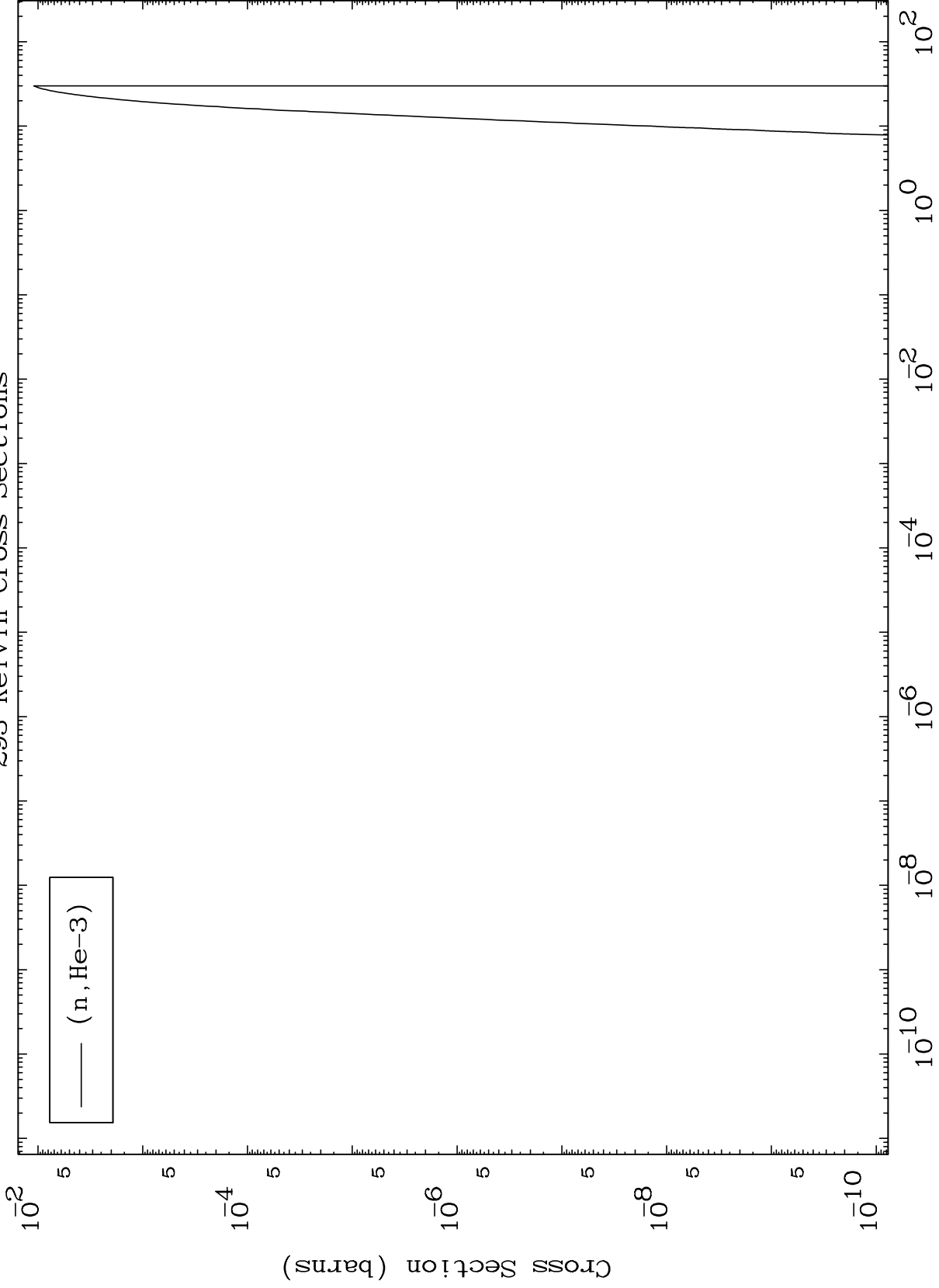
Incident Energy (MeV)

66-Dy-147

MAT 6598

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-147



12

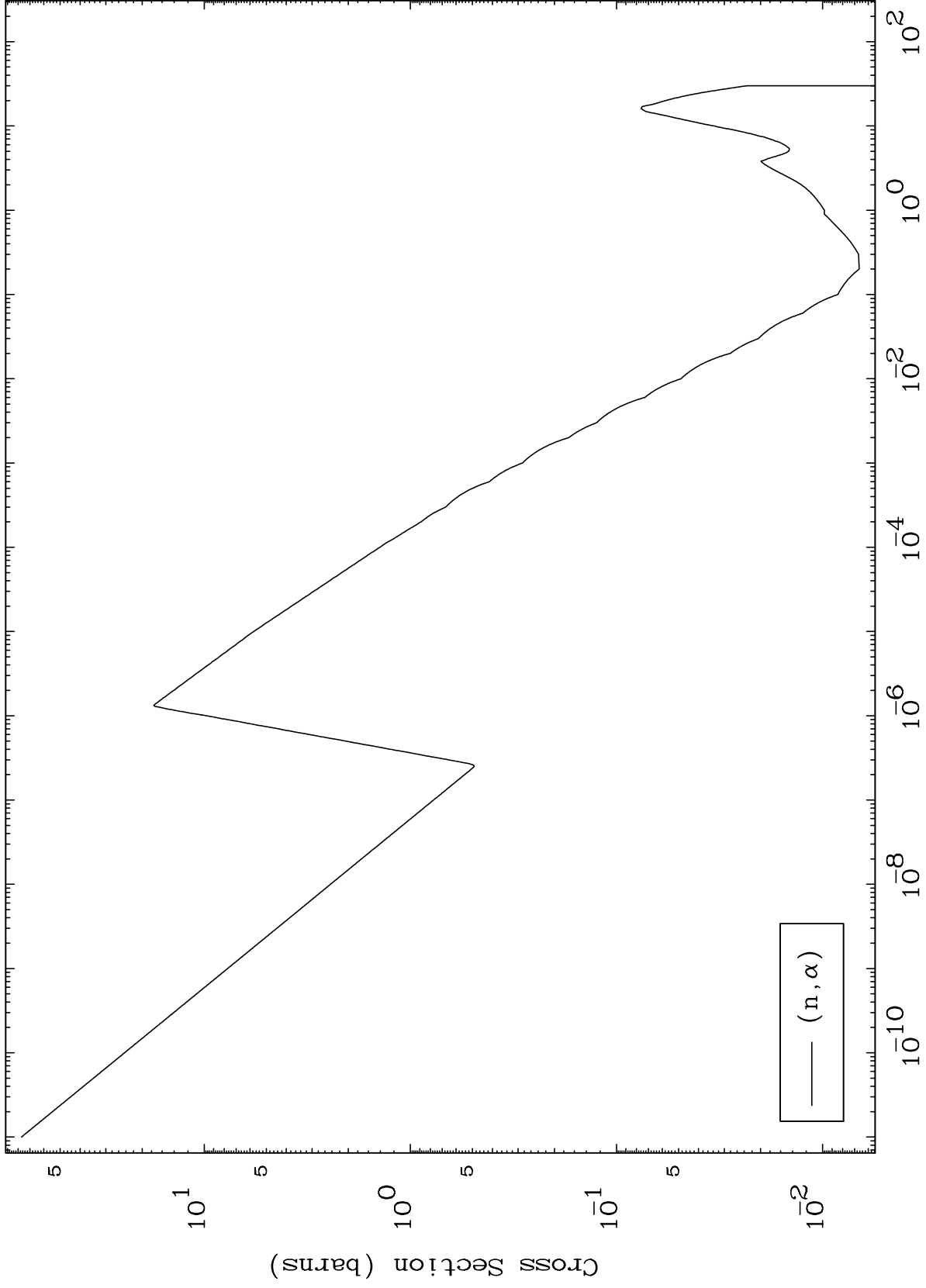
Incident Energy (MeV)

66-Dy-147

MAT 6598

(n,α) Levels
293 Kelvin Cross Sections

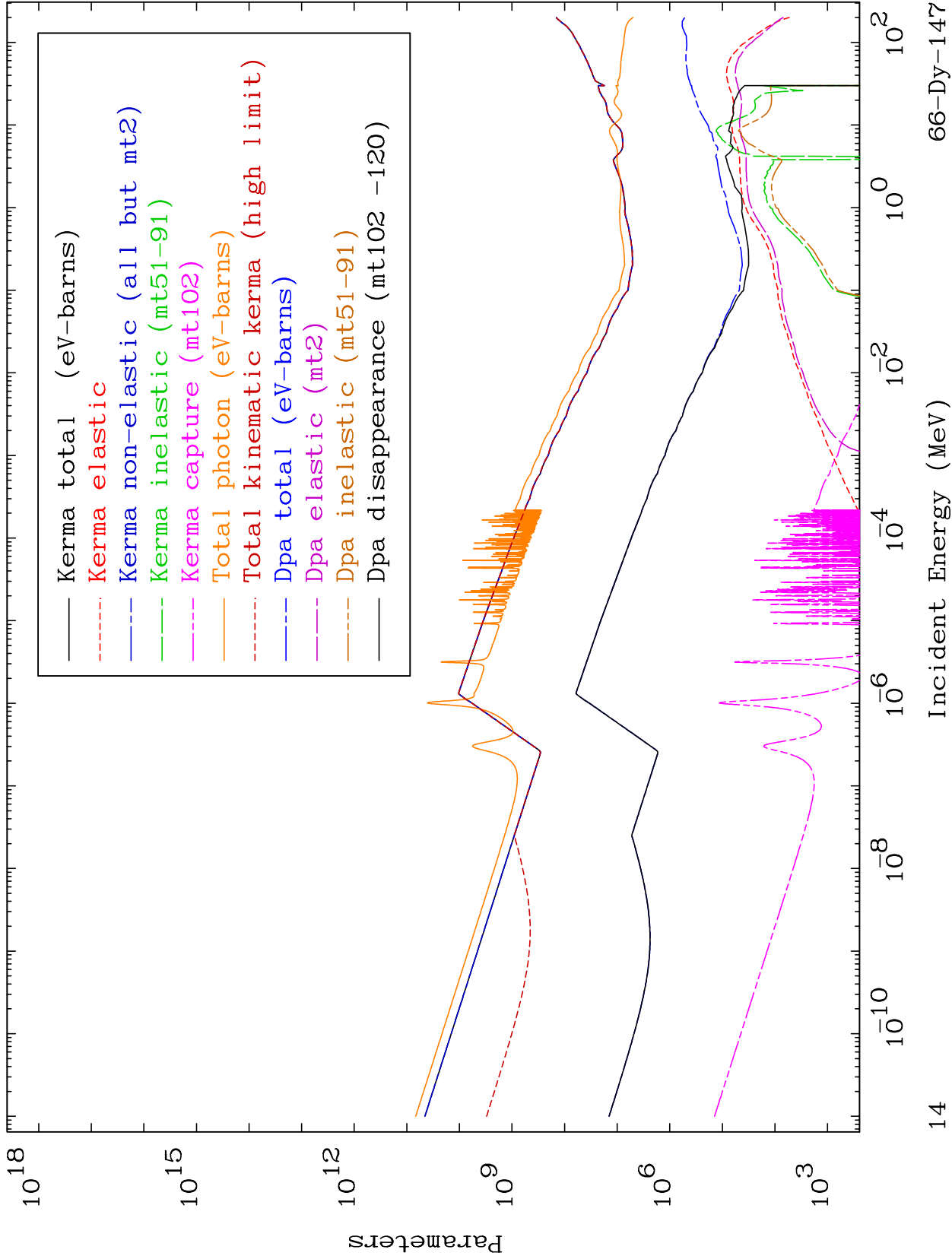
66-Dy-147



13

Incident Energy (MeV)

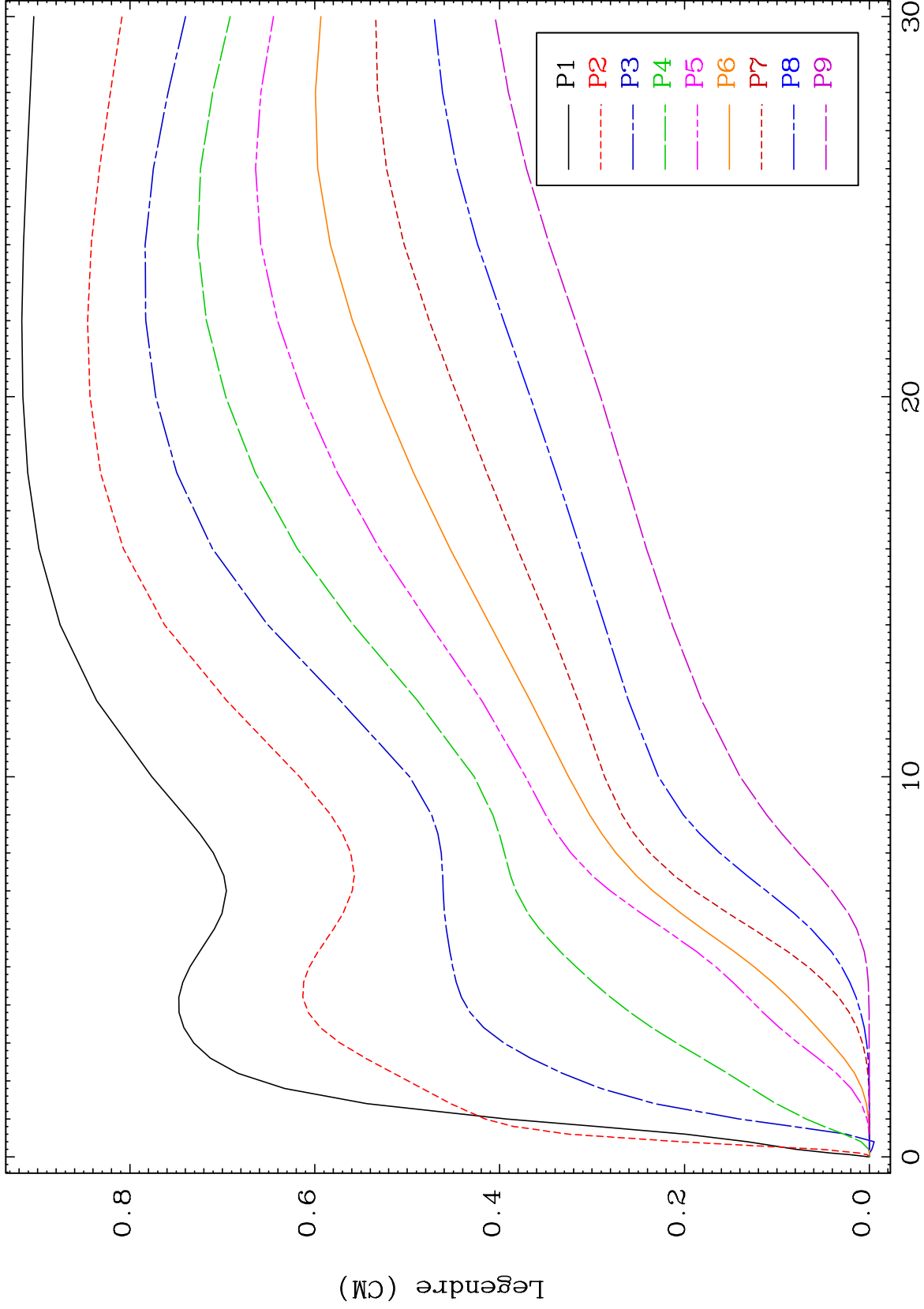
66-Dy-147



MAT 6598

Elastic Legendre Coefficients

66-Dy-147



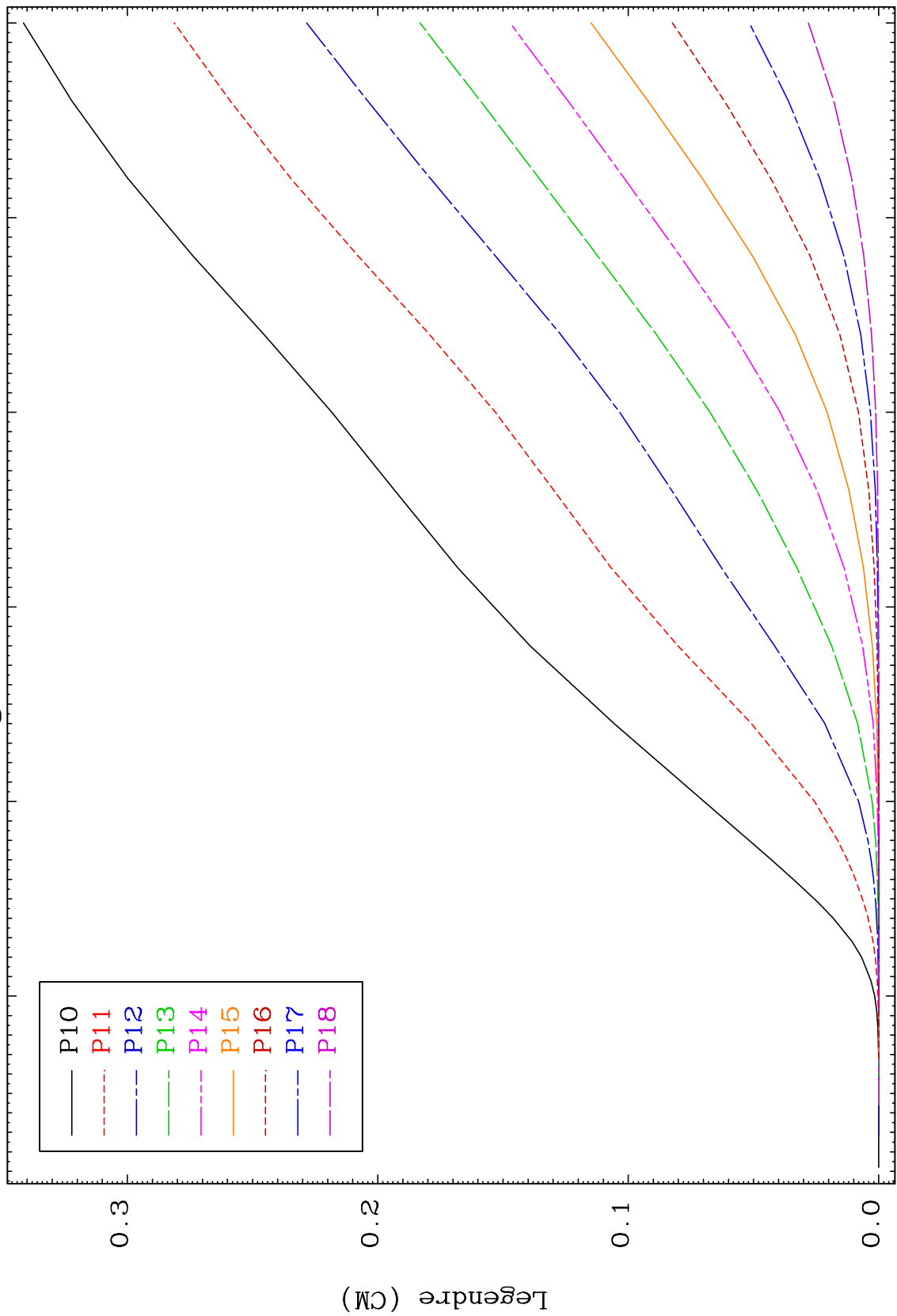
Incident Energy (MeV)

66-Dy-147

MAT 6598

Elastic Legendre Coefficients

66-Dy-147



16

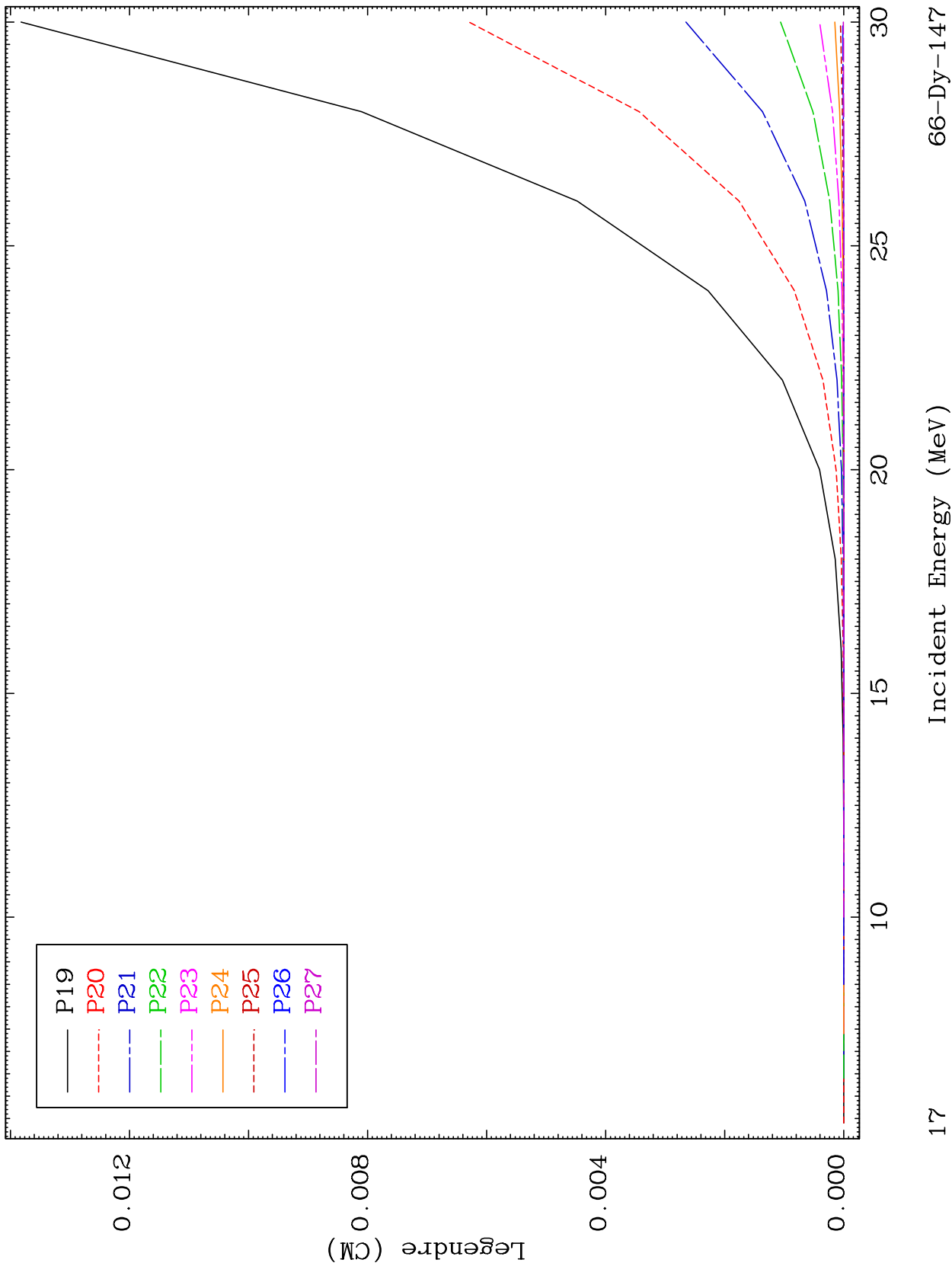
Incident Energy (MeV)

66-Dy-147

MAT 6598

Elastic Legendre Coefficients

66-Dy-147

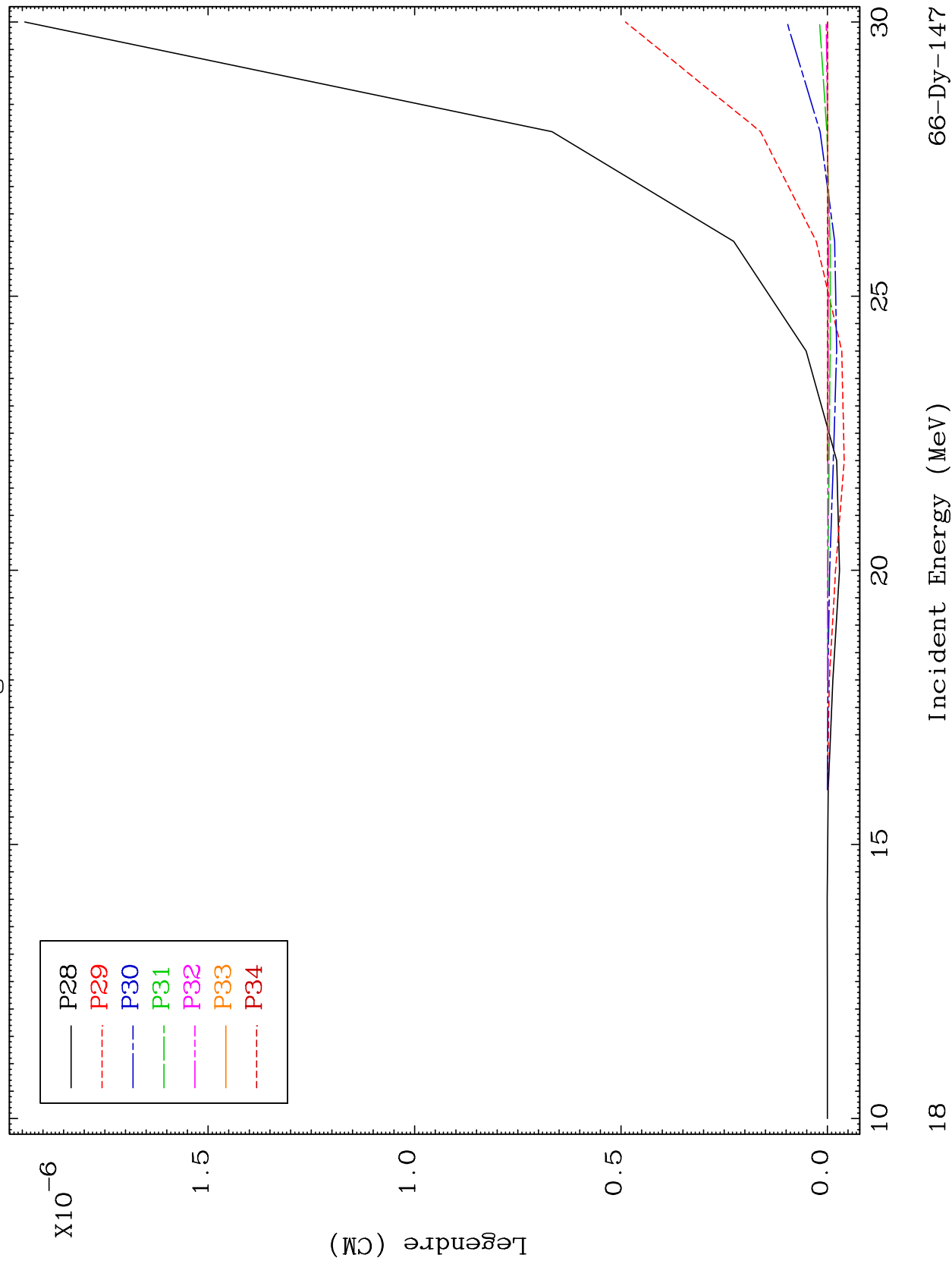


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

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Elastic Legendre Coefficients

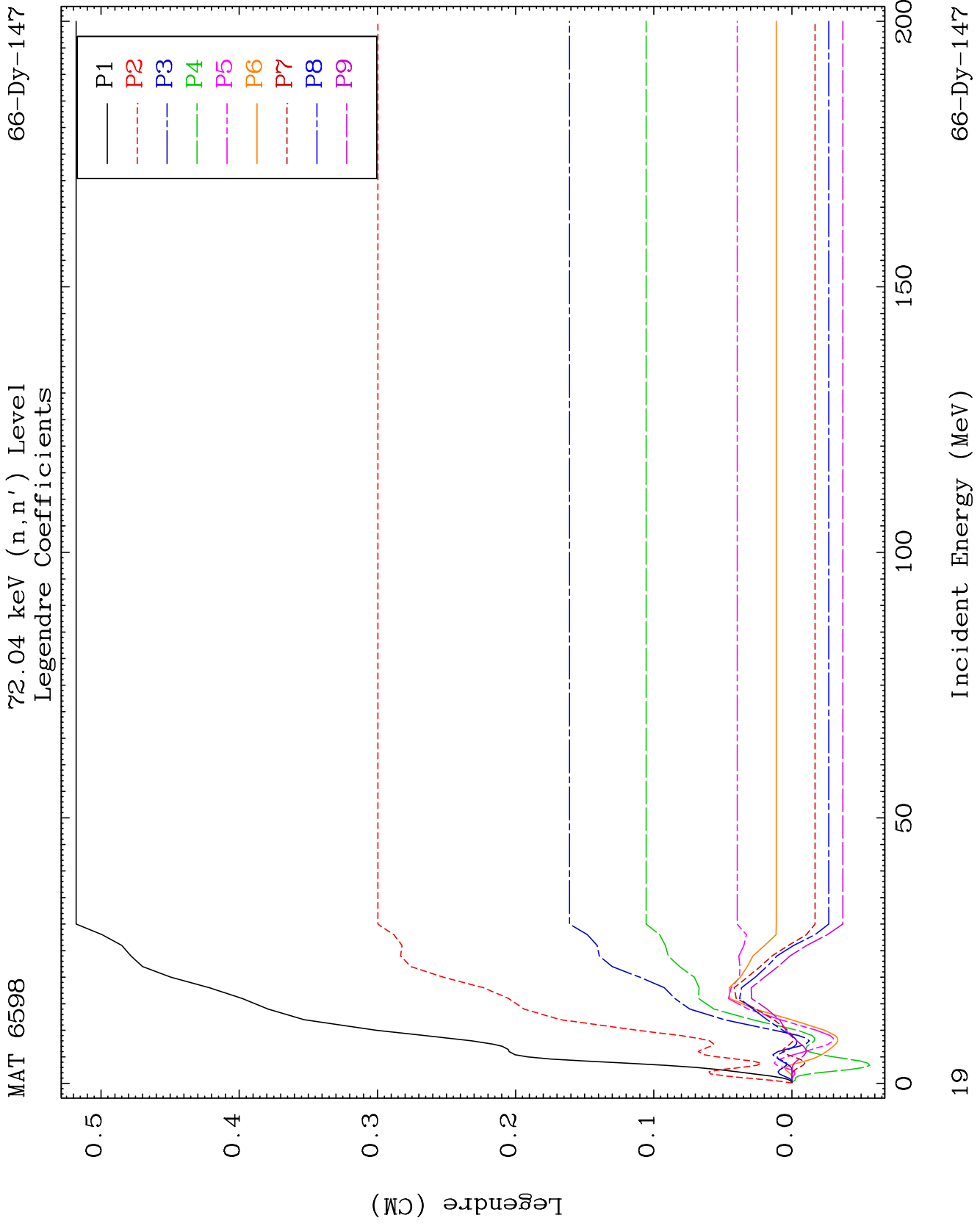
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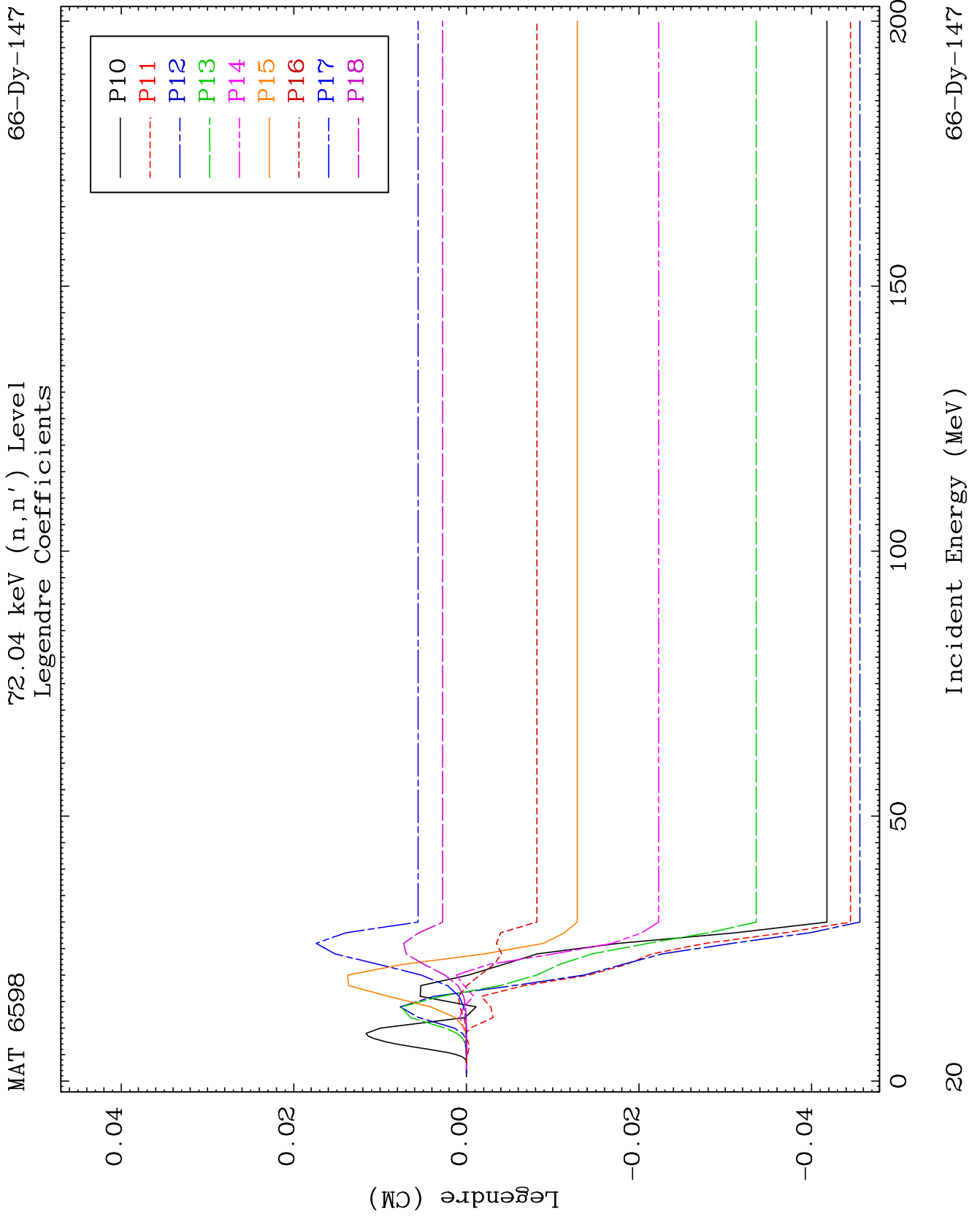


66-Dy-147

Incident Energy (MeV)

18

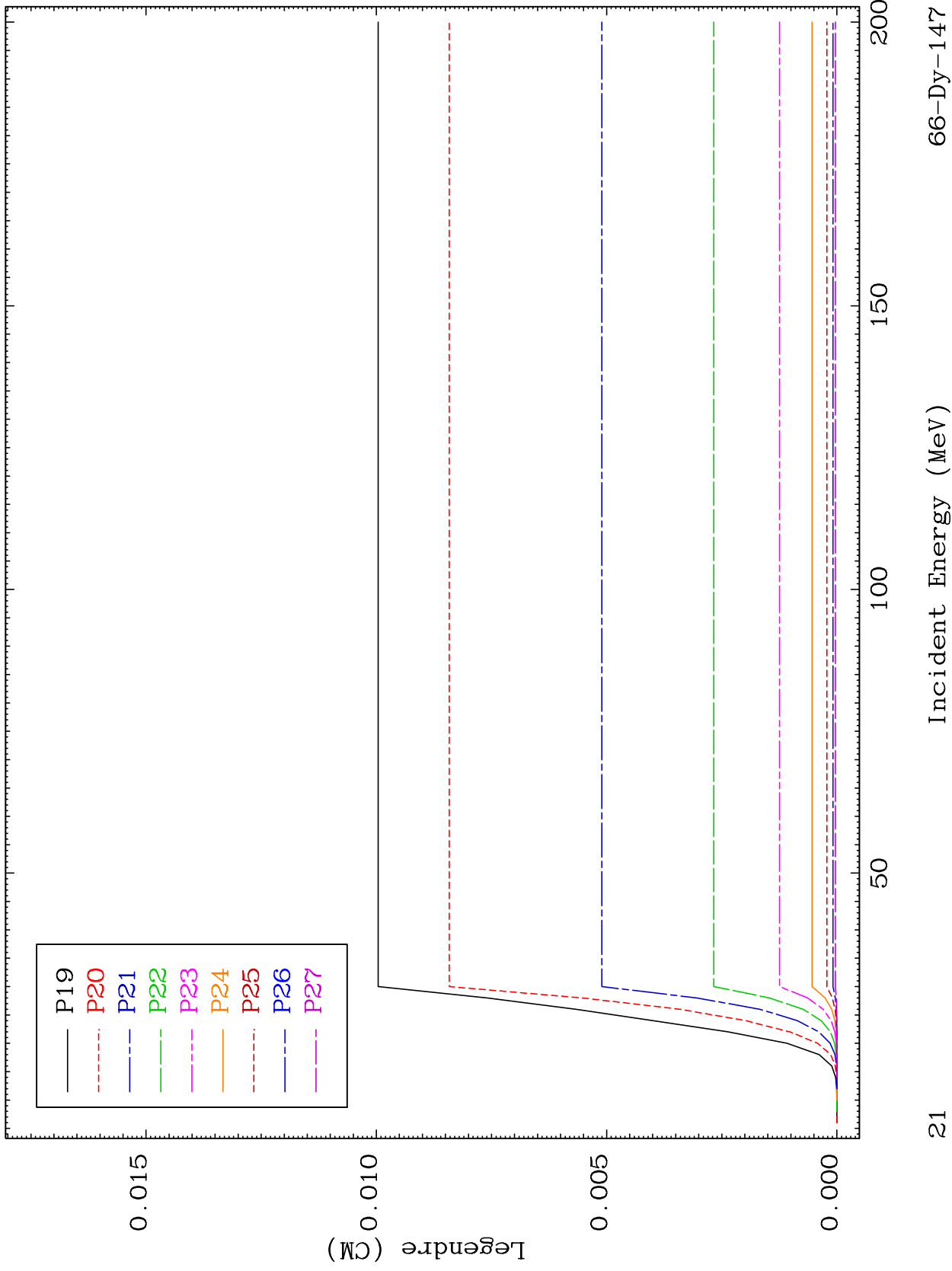


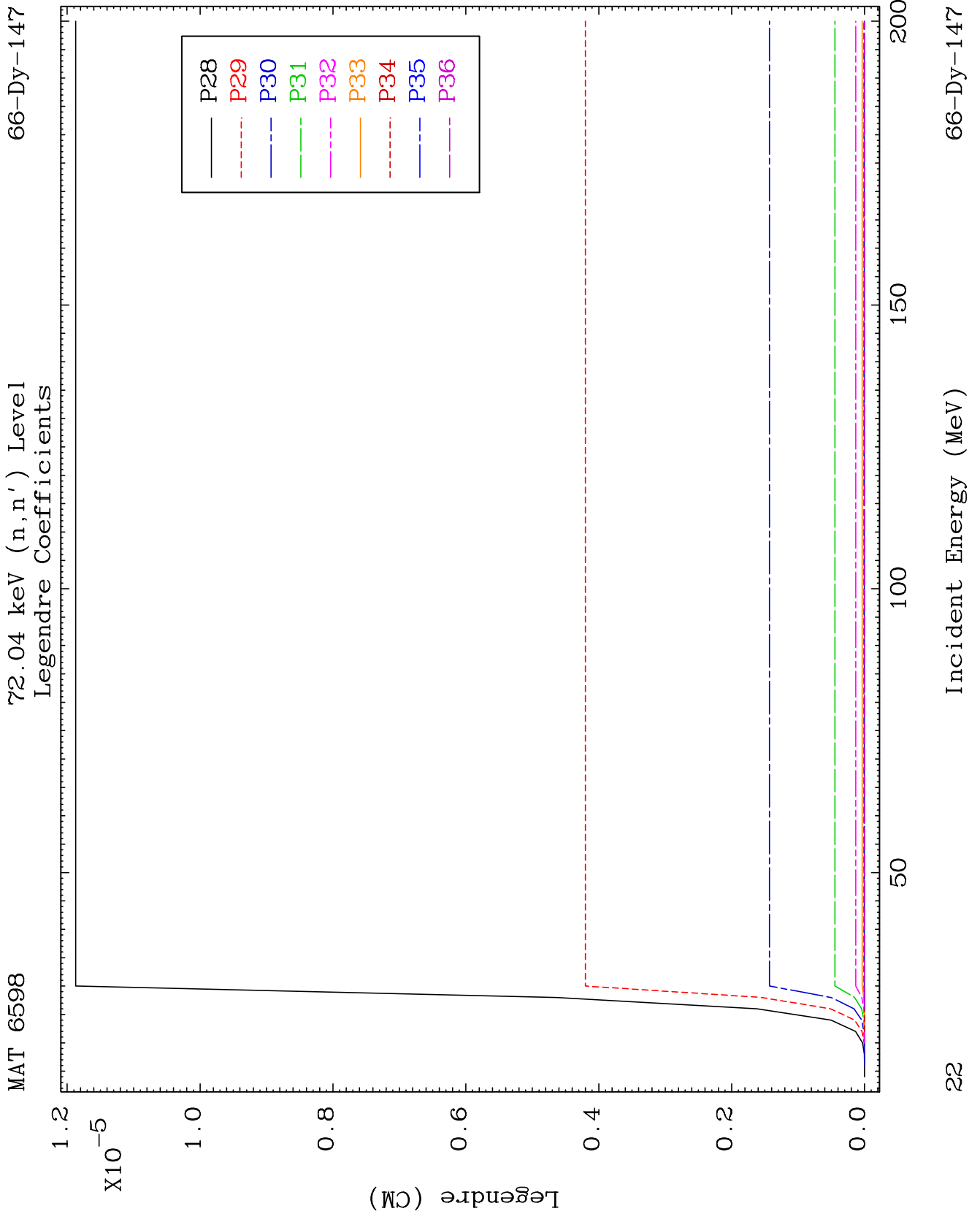


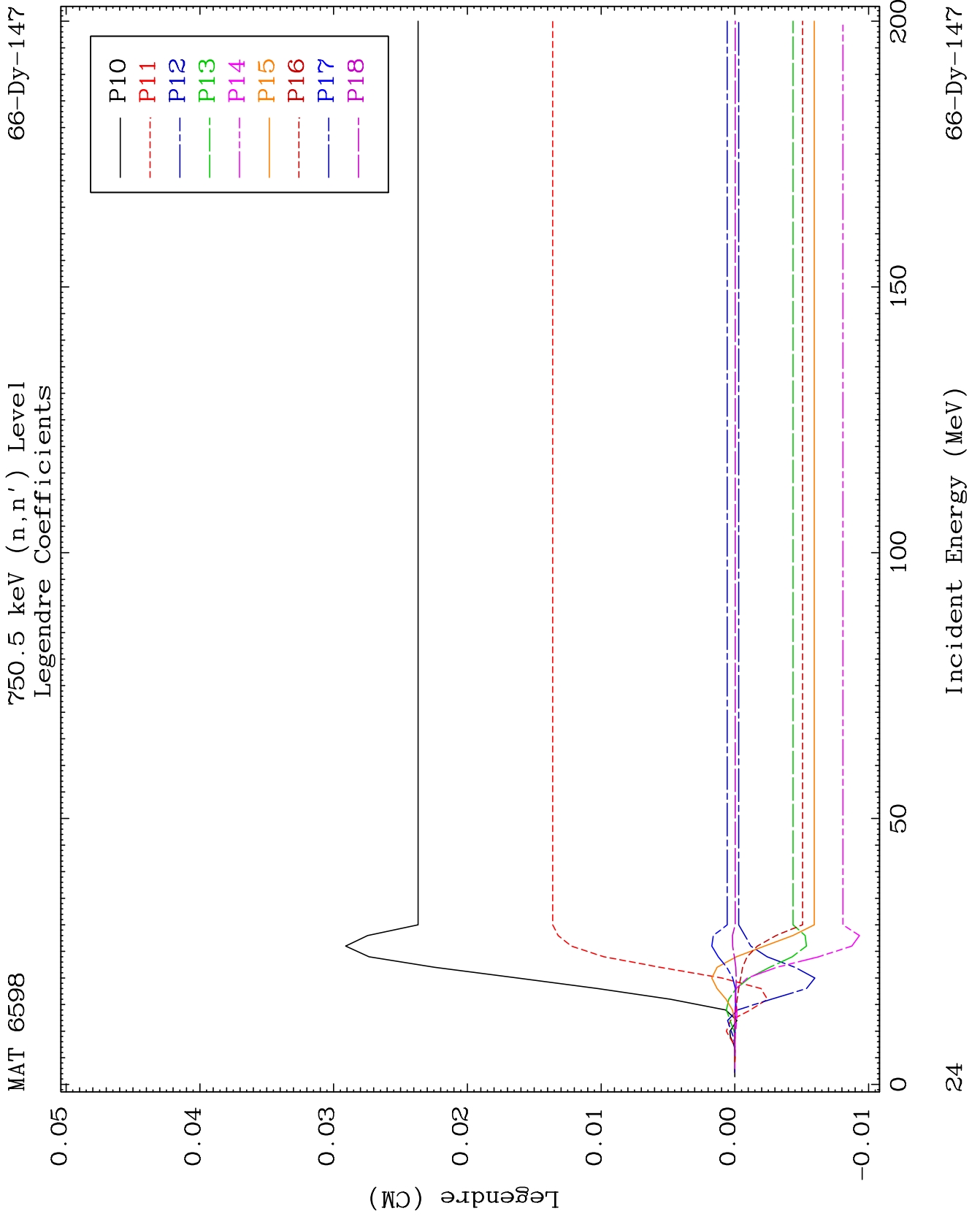
MAT 6598

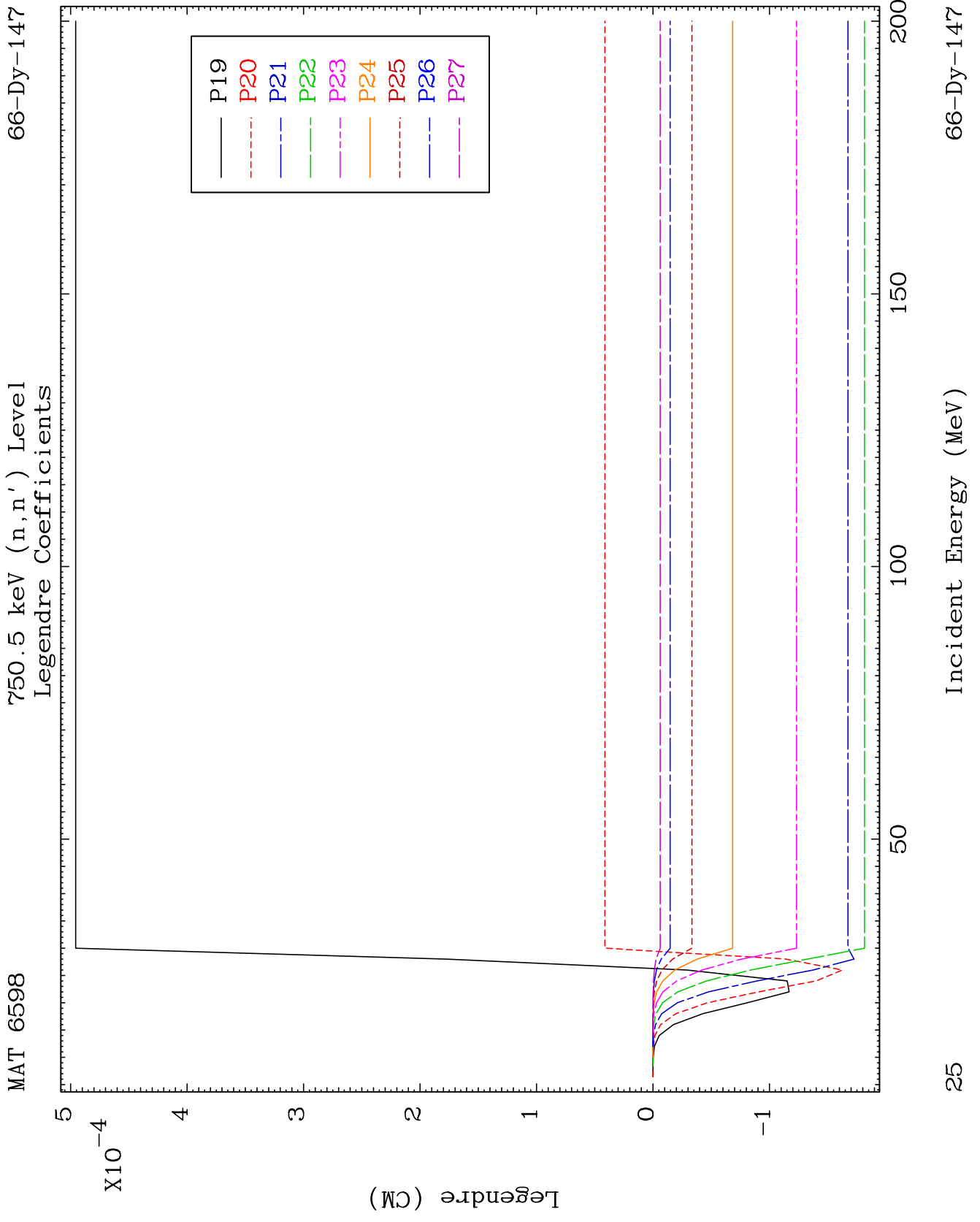
72.04 keV (n,n') Level
Legendre Coefficients

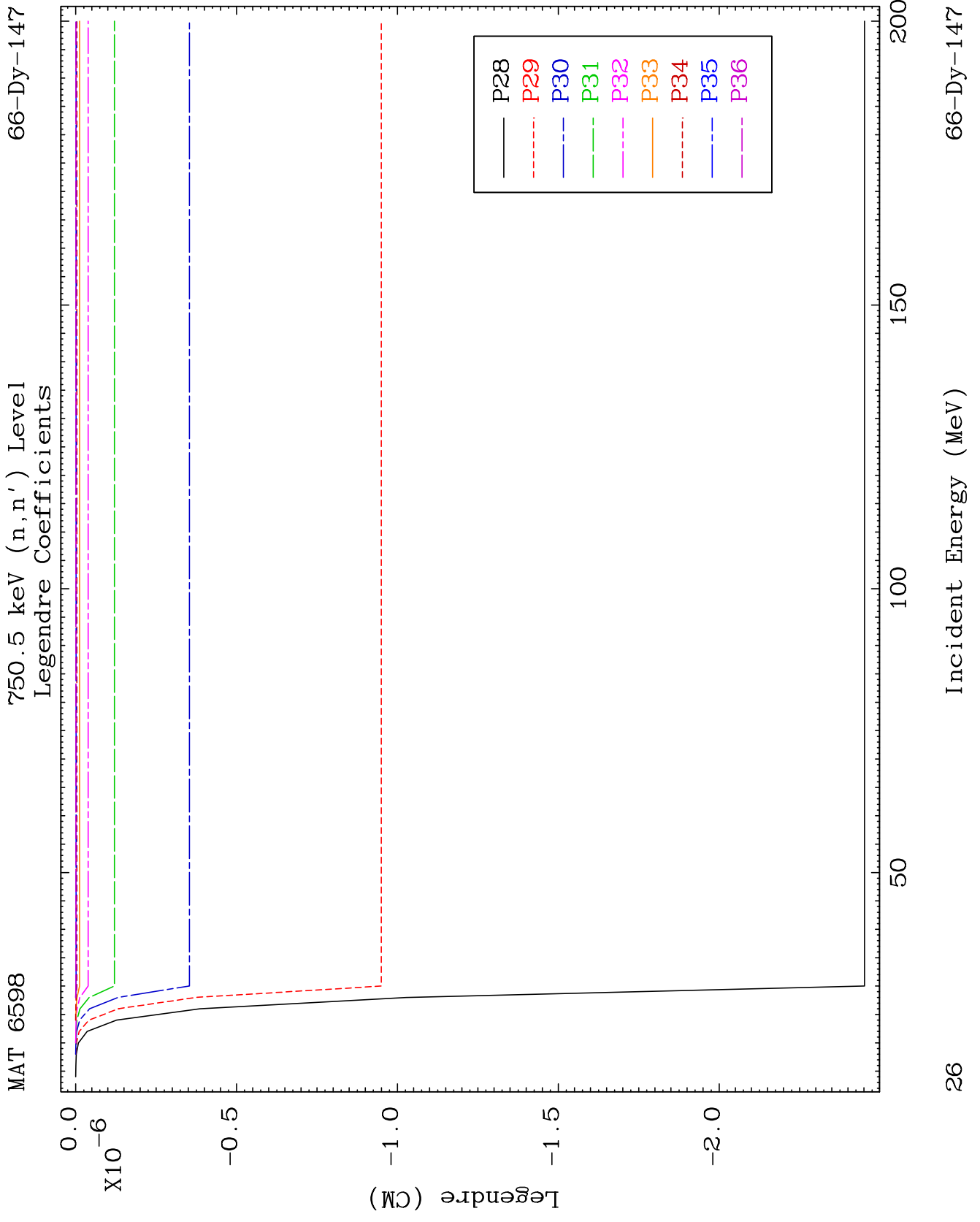
66-Dy-147







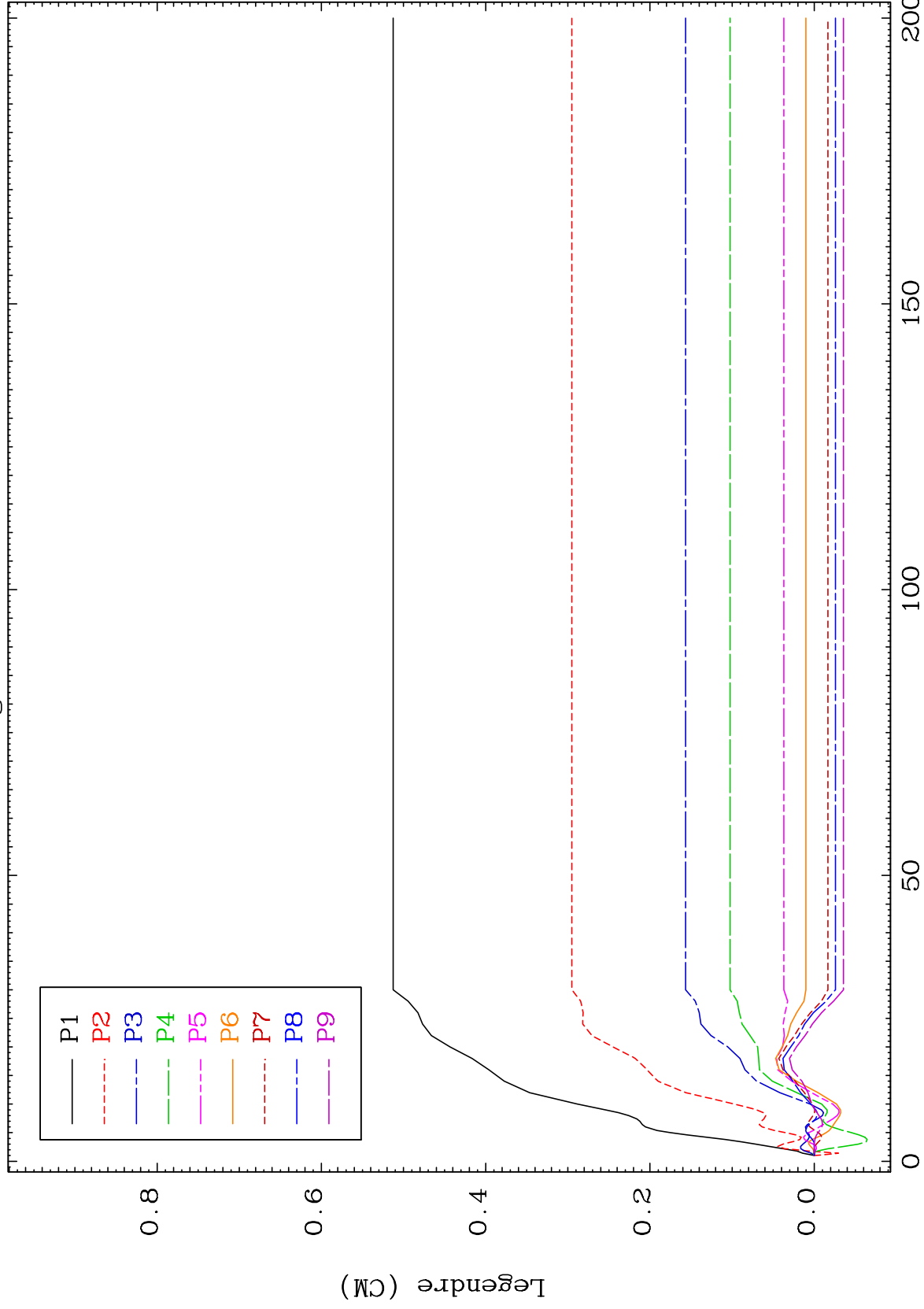




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956.0 keV (n,n') Level
Legendre Coefficients

66-Dy-147



27

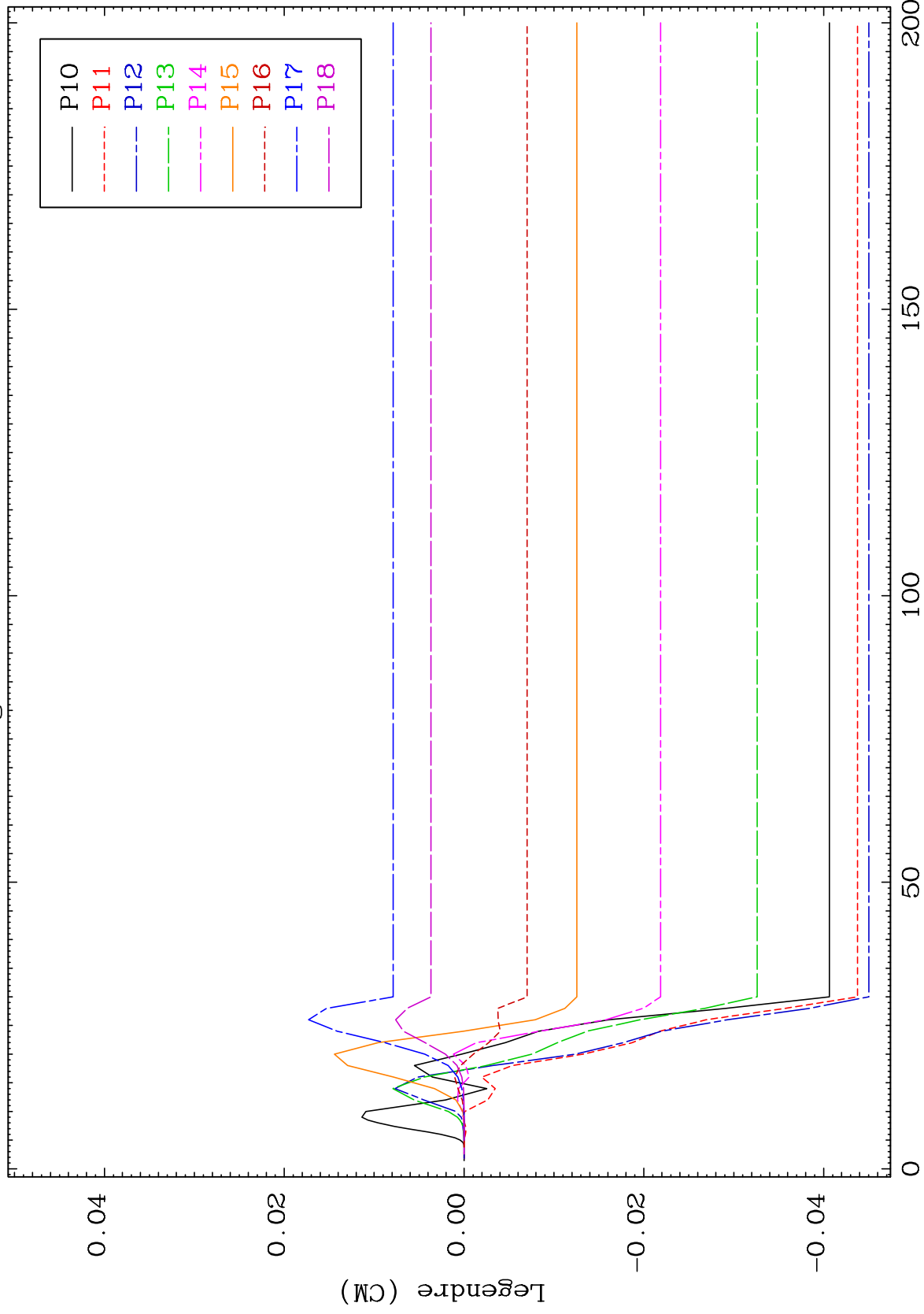
Incident Energy (MeV)

66-Dy-147

MAT 6598

956.0 keV (n,n') Level
Legendre Coefficients

66-Dy-147



28

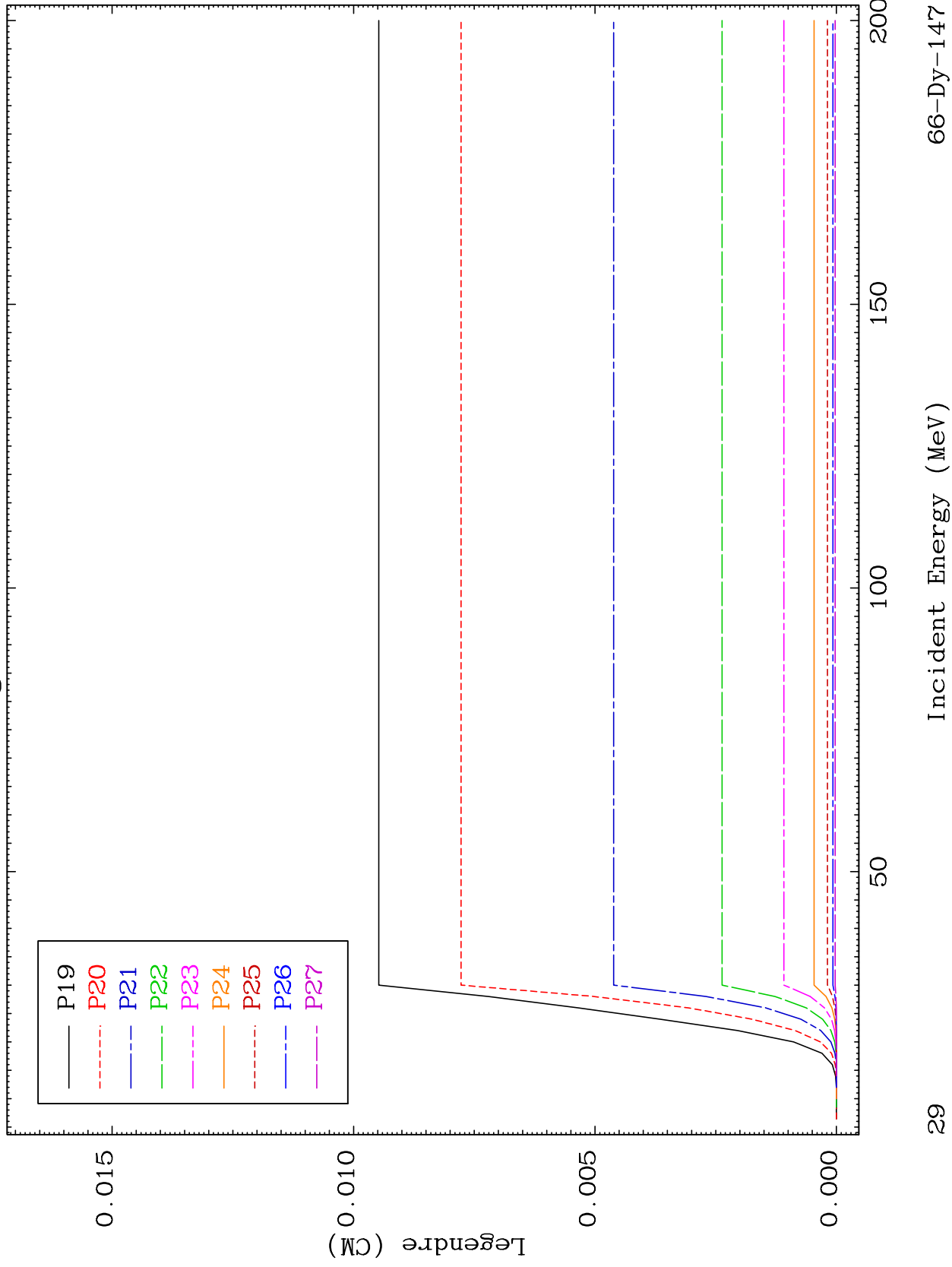
Incident Energy (MeV)

66-Dy-147

MAT 6598

956.0 keV (n,n') Level
Legendre Coefficients

66-Dy-147



29

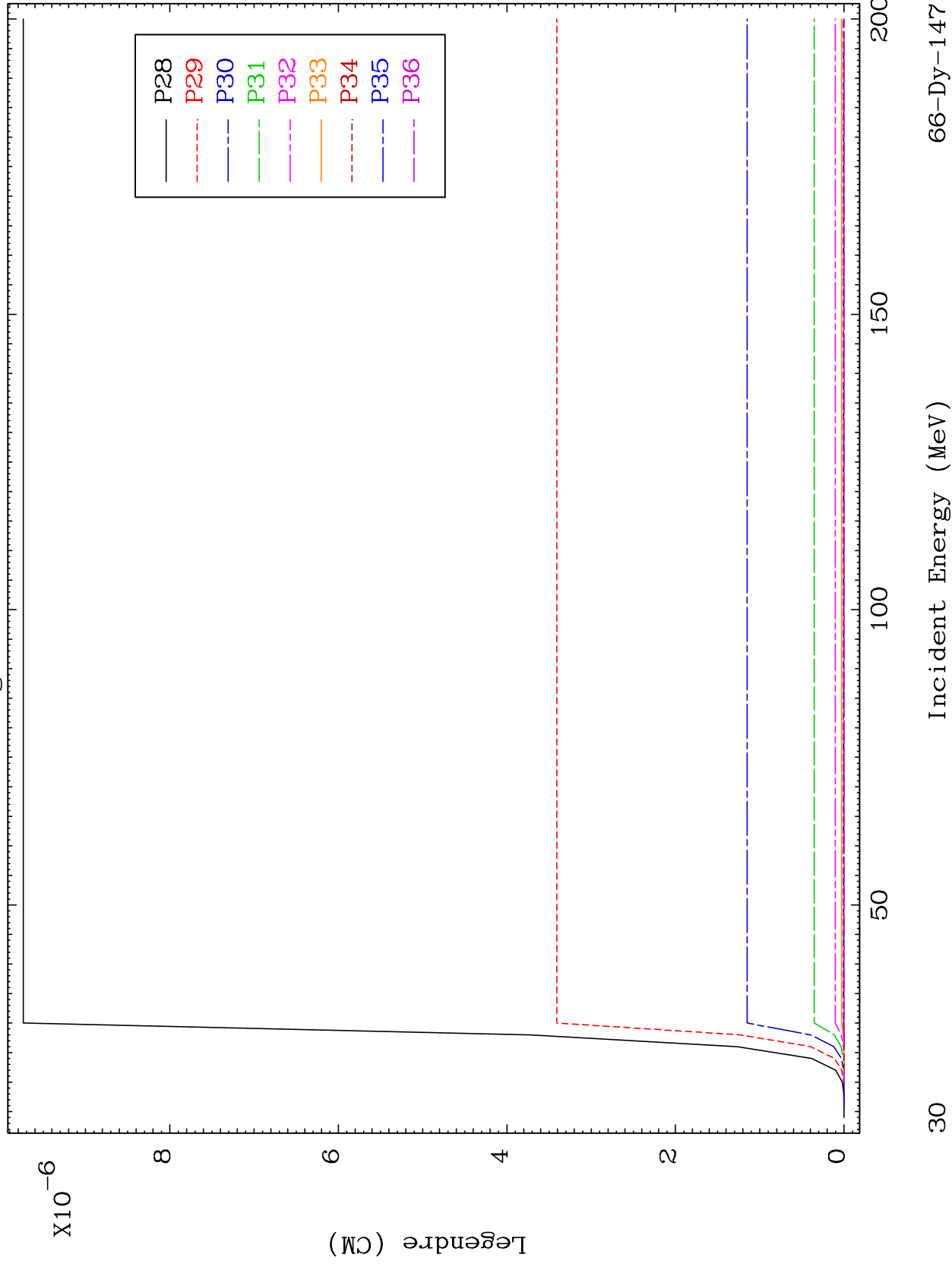
Incident Energy (MeV)

66-Dy-147

MAT 6598

956.0 keV (n,n') Level
Legendre Coefficients

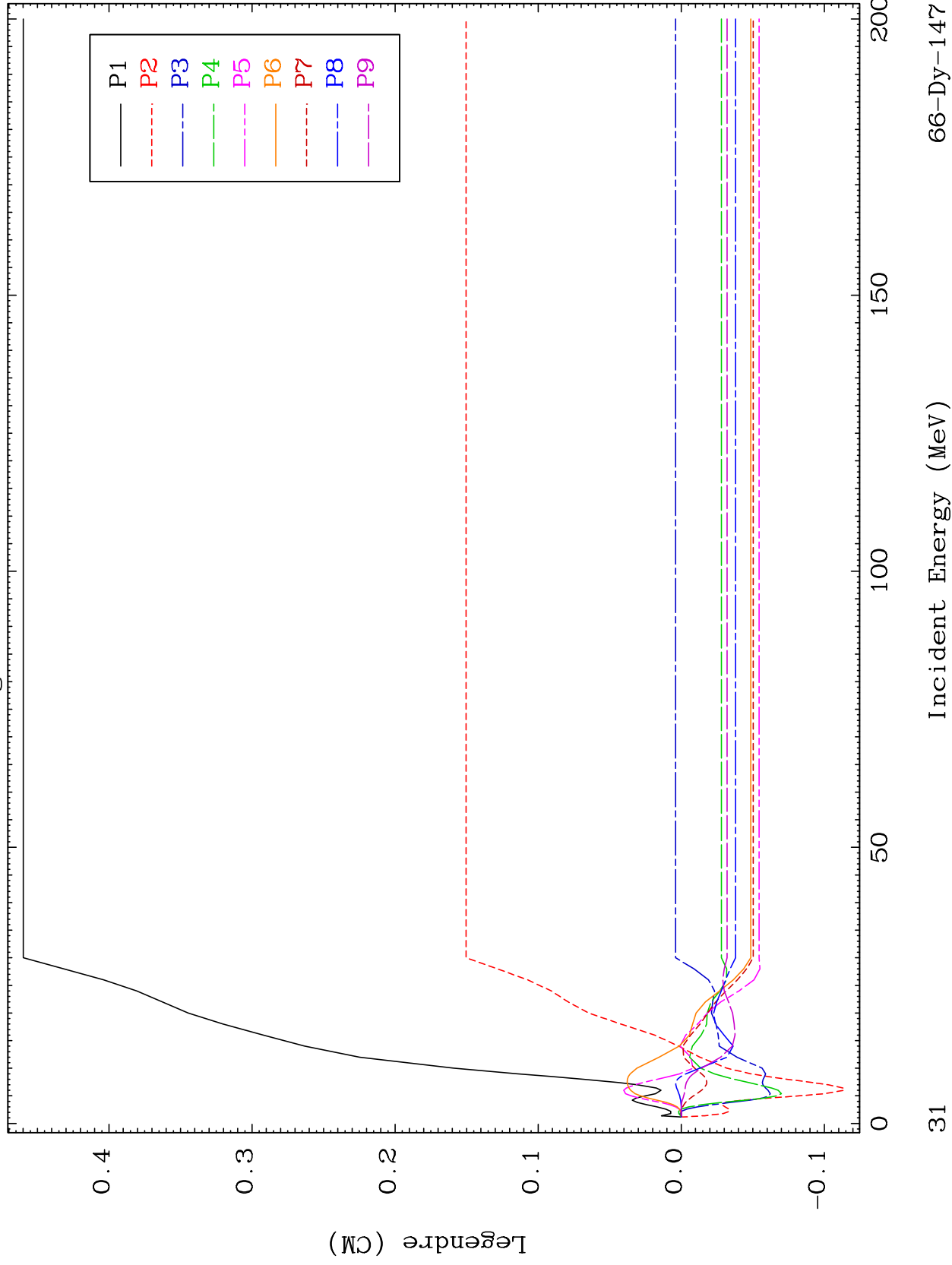
66-Dy-147



MAT 6598

1.145 MeV (n,n') Level
Legendre Coefficients

66-Dy-147



66-Dy-147

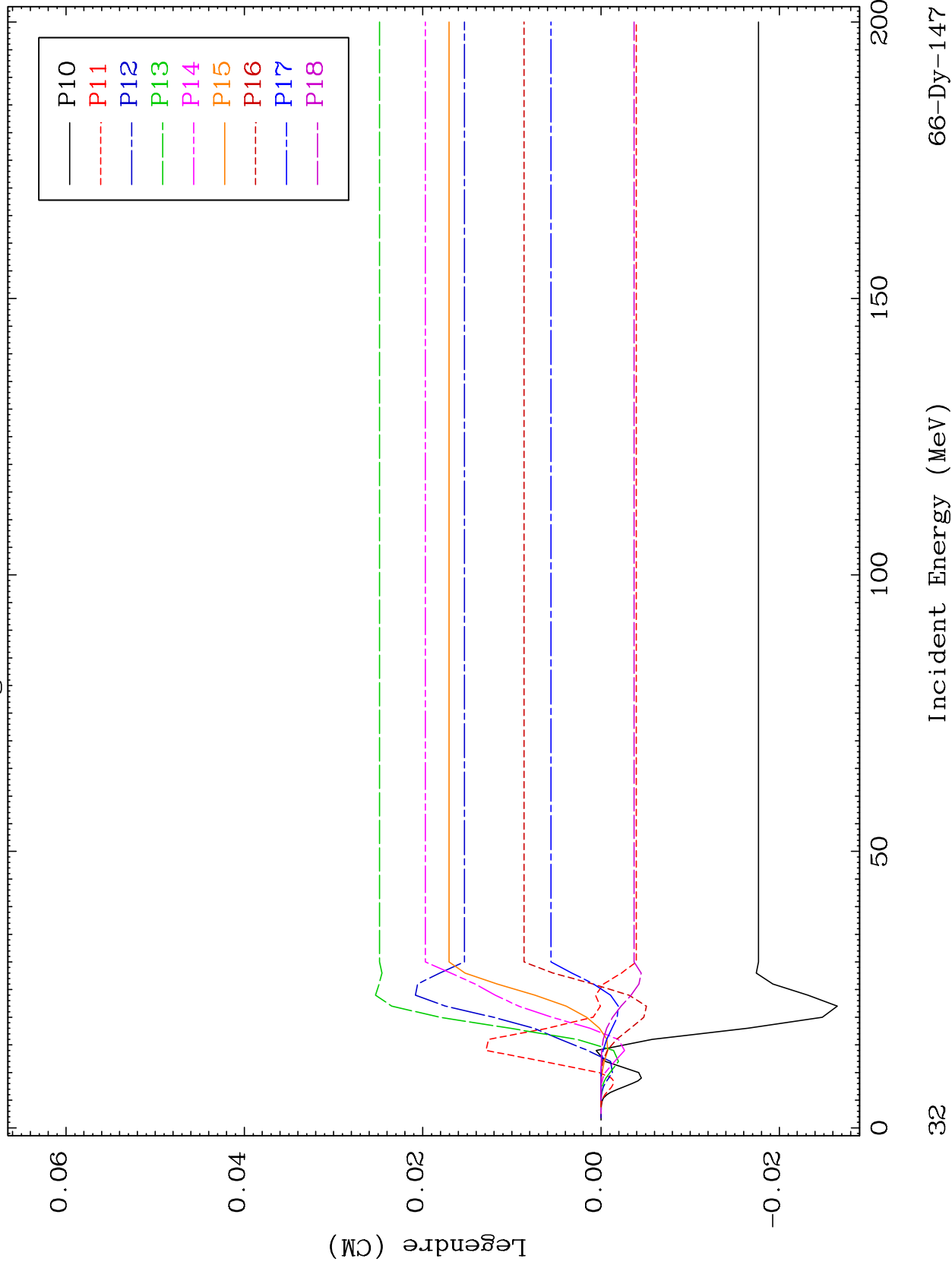
Incident Energy (MeV)

31

MAT 6598

1.145 MeV (n,n') Level
Legendre Coefficients

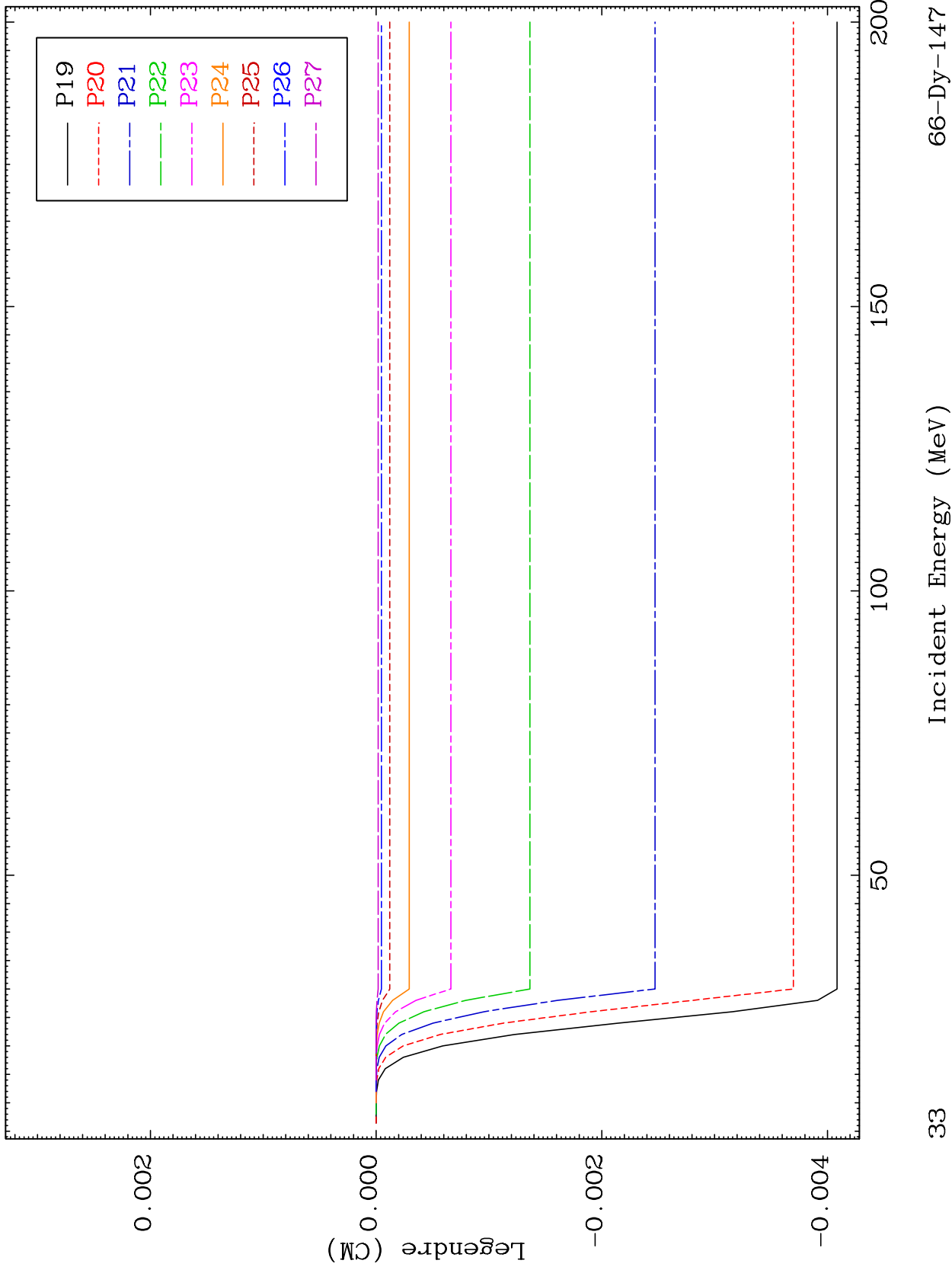
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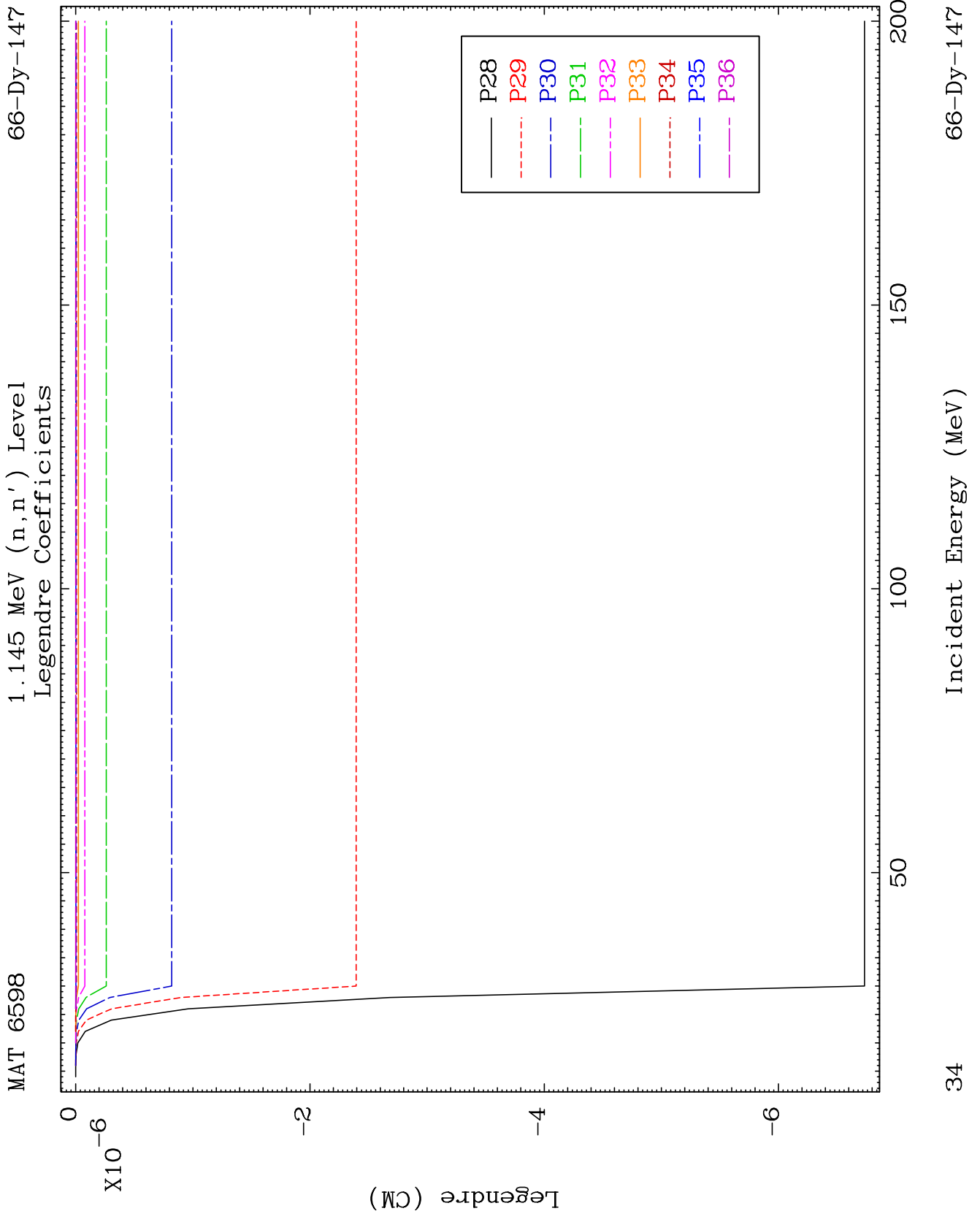


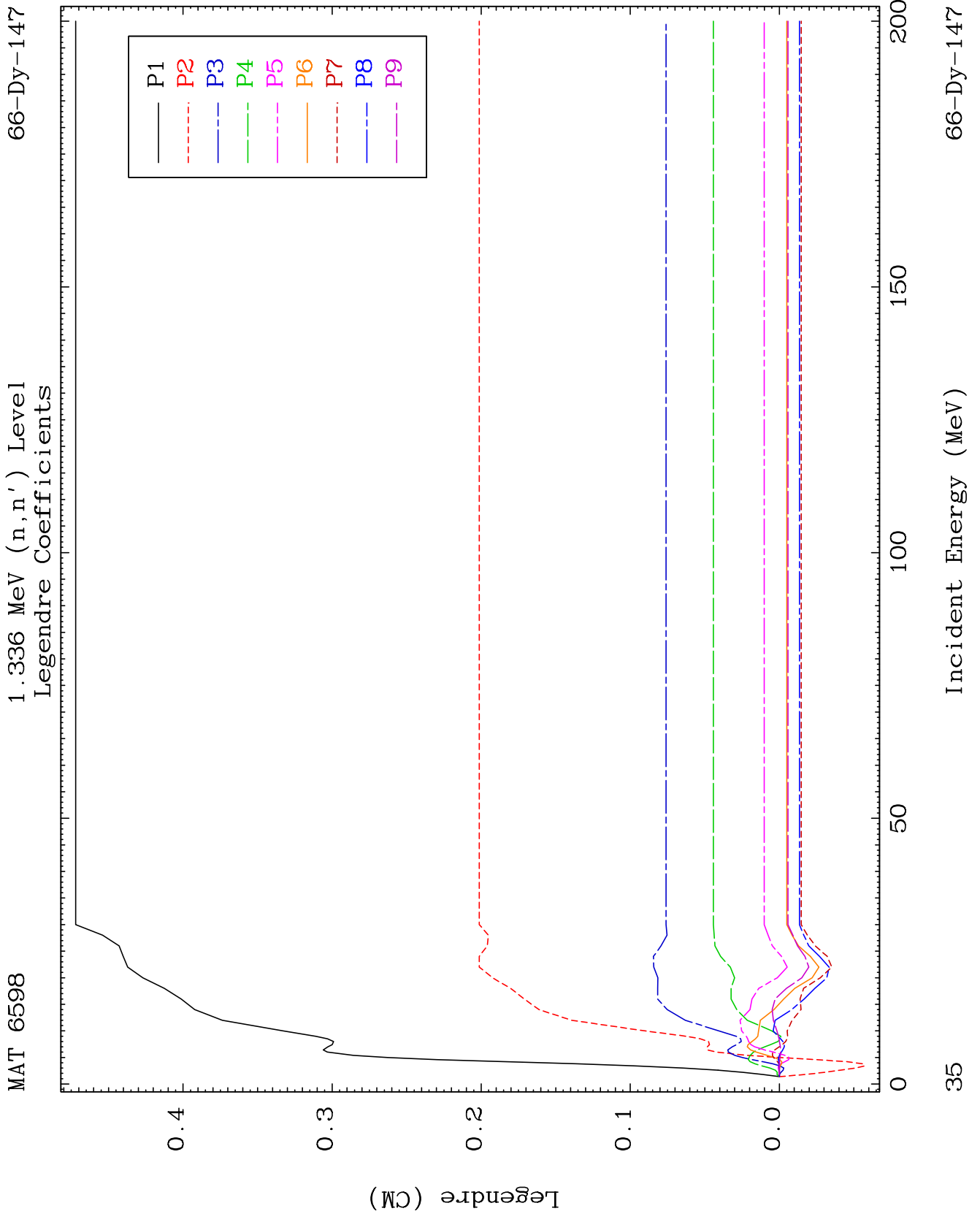
66-Dy-147

Incident Energy (MeV)

32



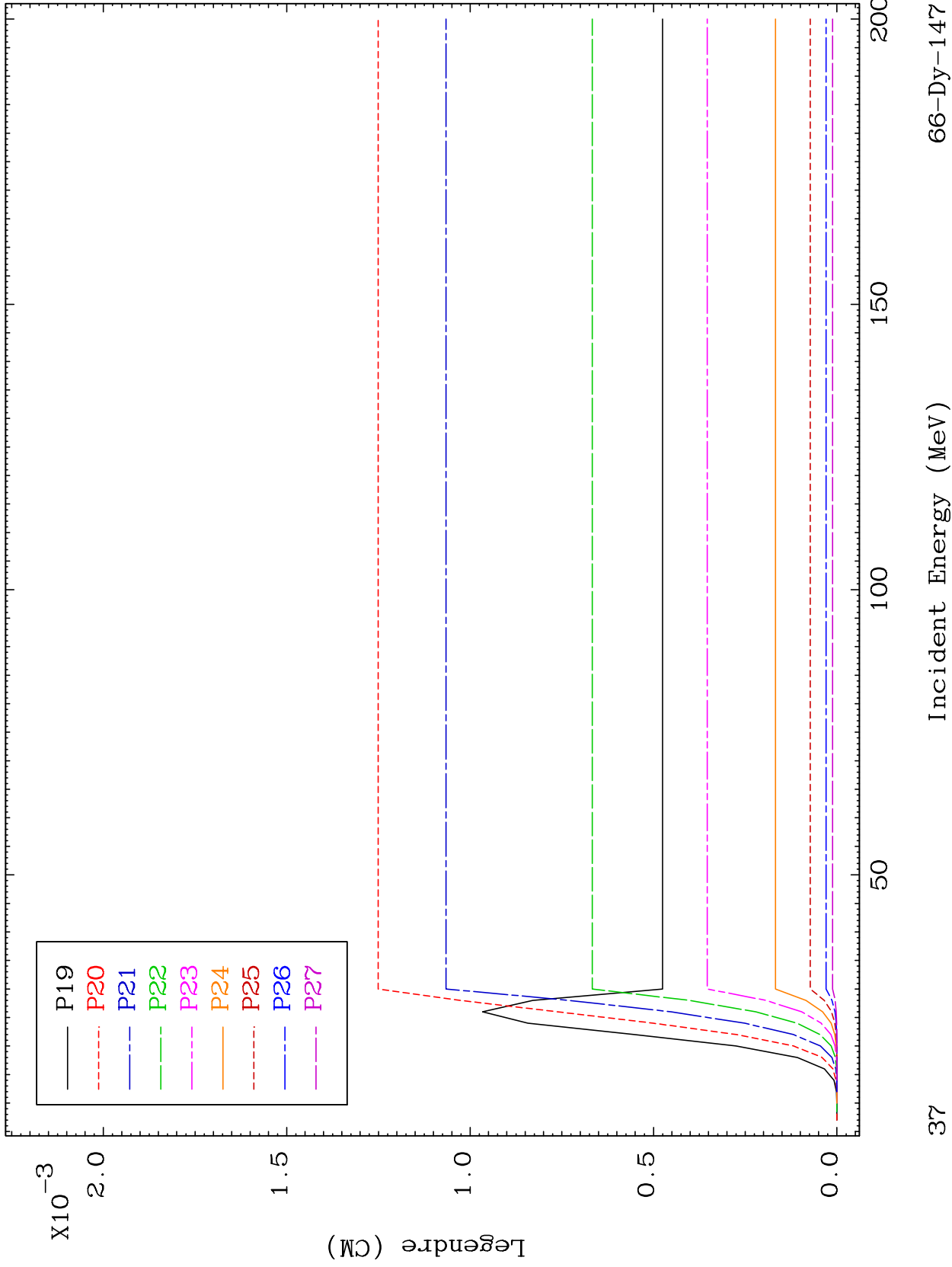




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1.336 MeV (n,n') Level
Legendre Coefficients

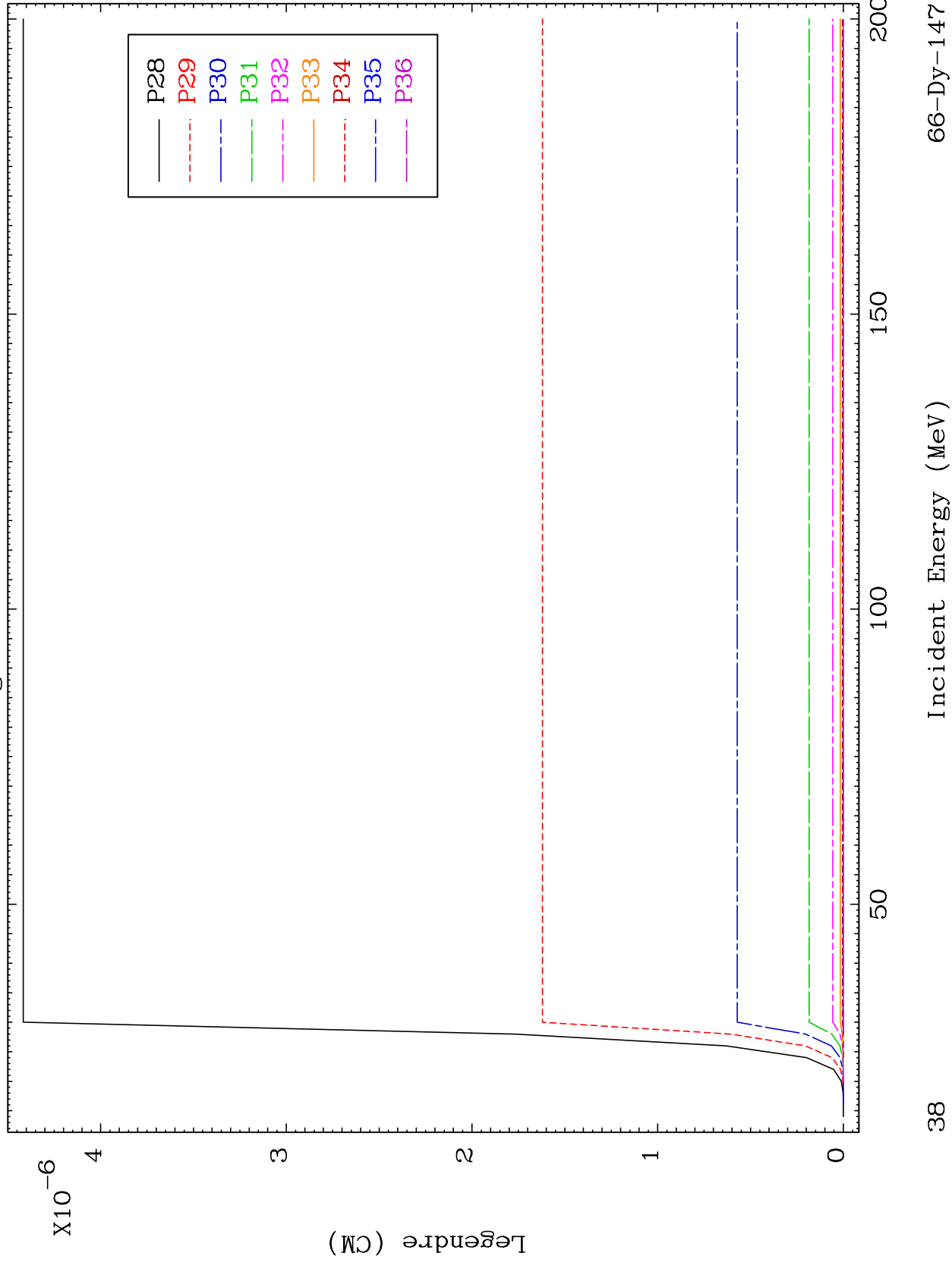
66-Dy-147



MAT 6598

1.336 MeV (n,n') Level
Legendre Coefficients

66-Dy-147



38

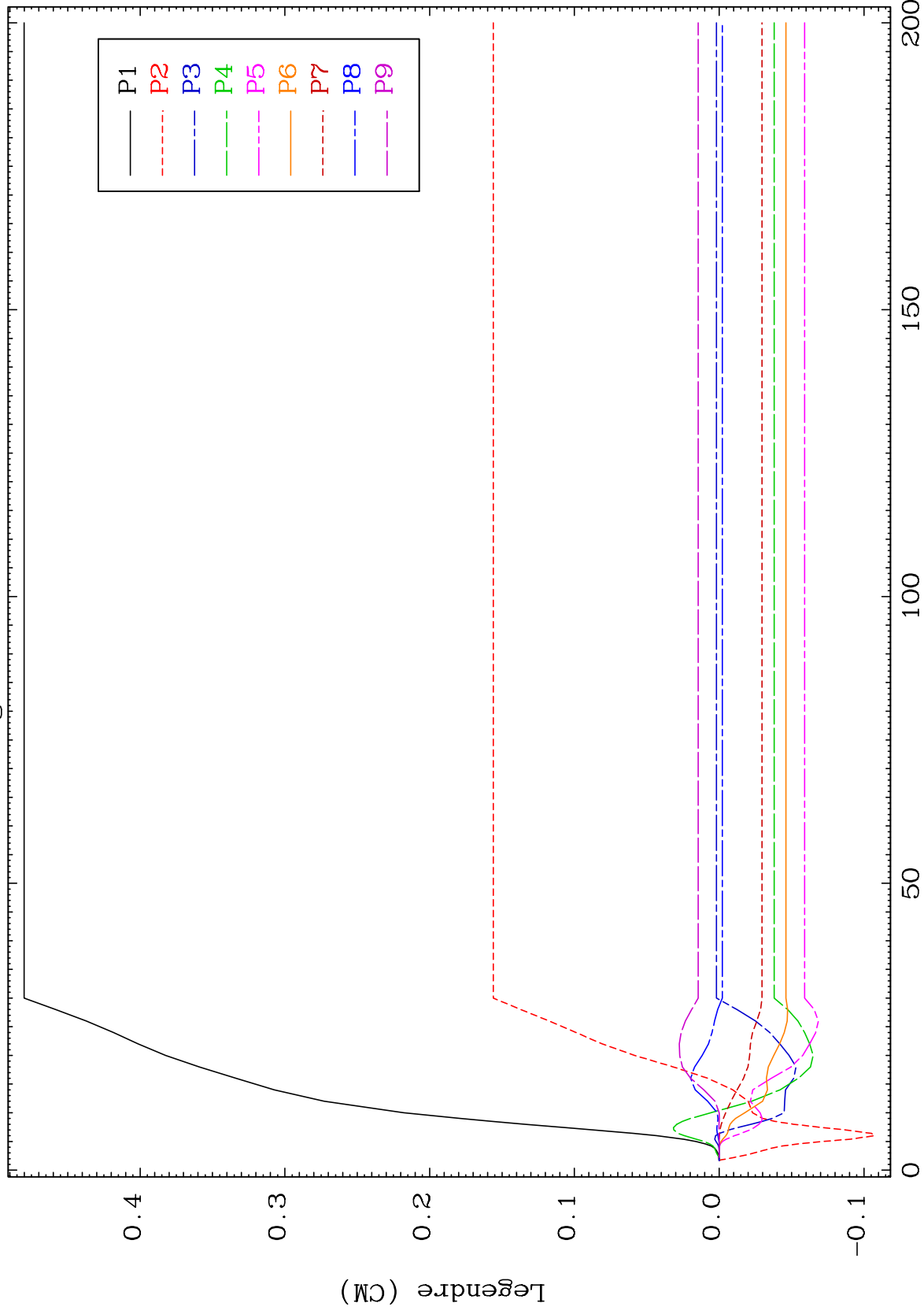
Incident Energy (MeV)

66-Dy-147

MAT 6598

1.632 MeV (n,n') Level
Legendre Coefficients

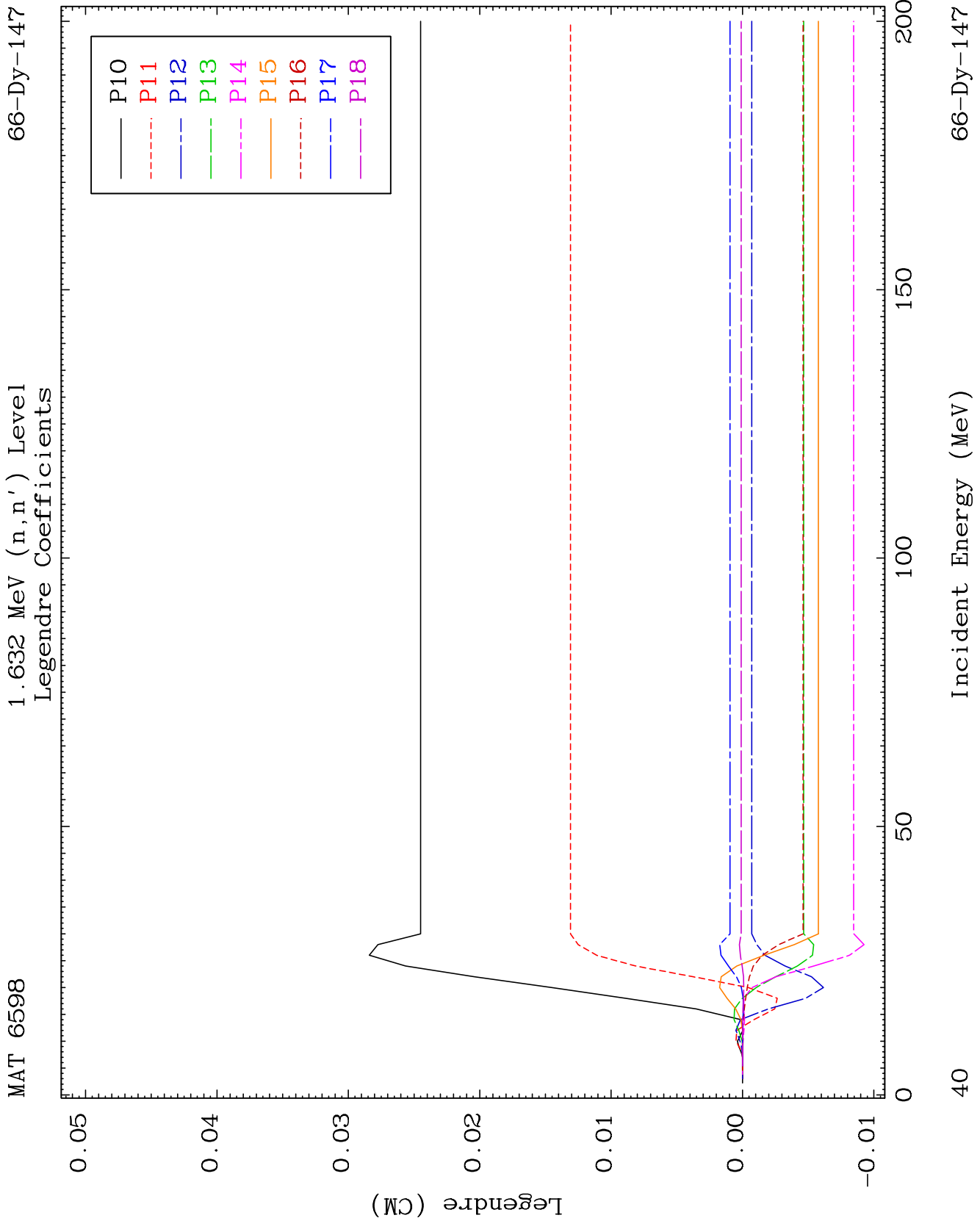
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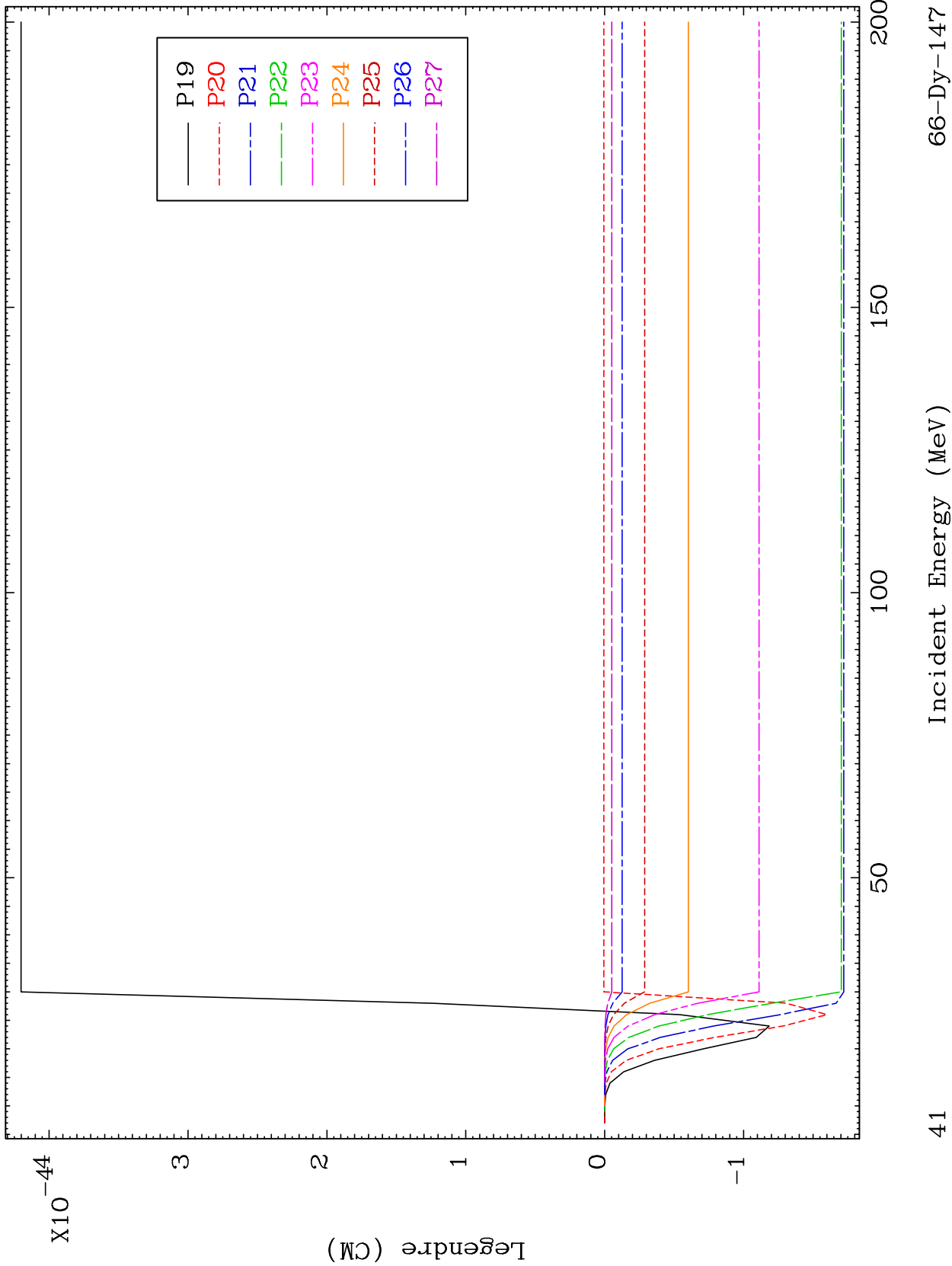


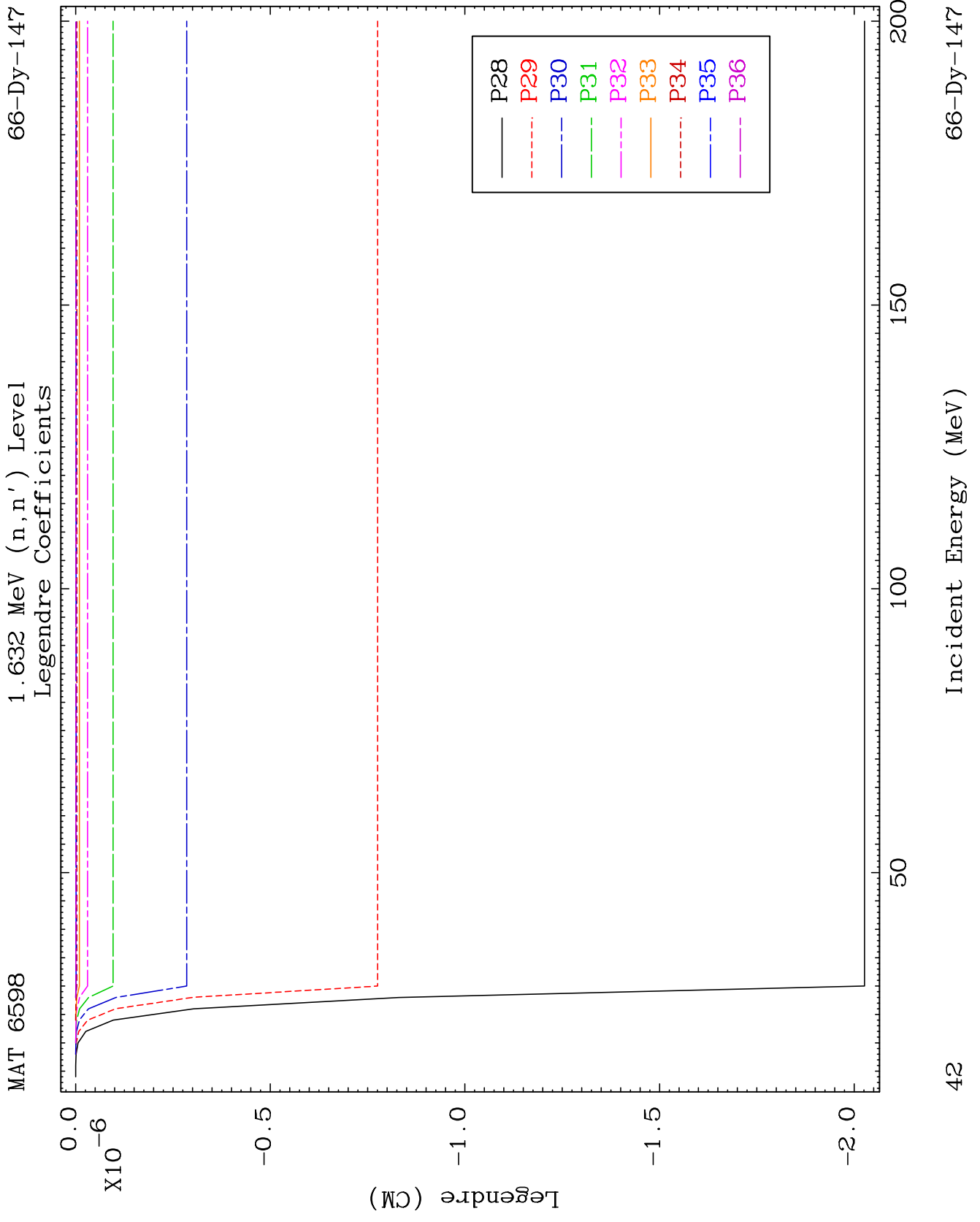
39

Incident Energy (MeV)

66-Dy-147



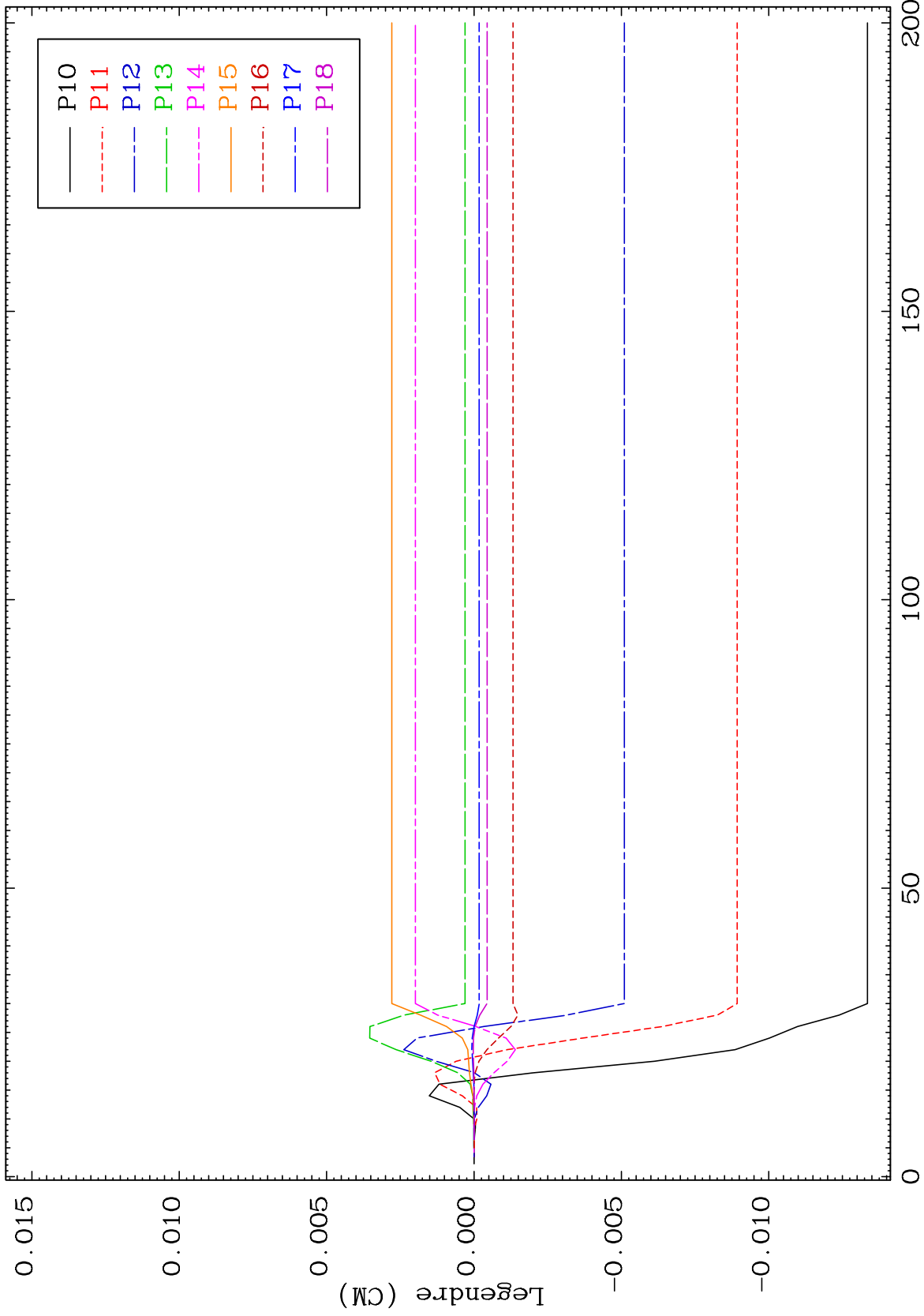




MAT 6598

1.781 MeV (n,n') Level
Legendre Coefficients

66-Dy-147



44

Incident Energy (MeV)

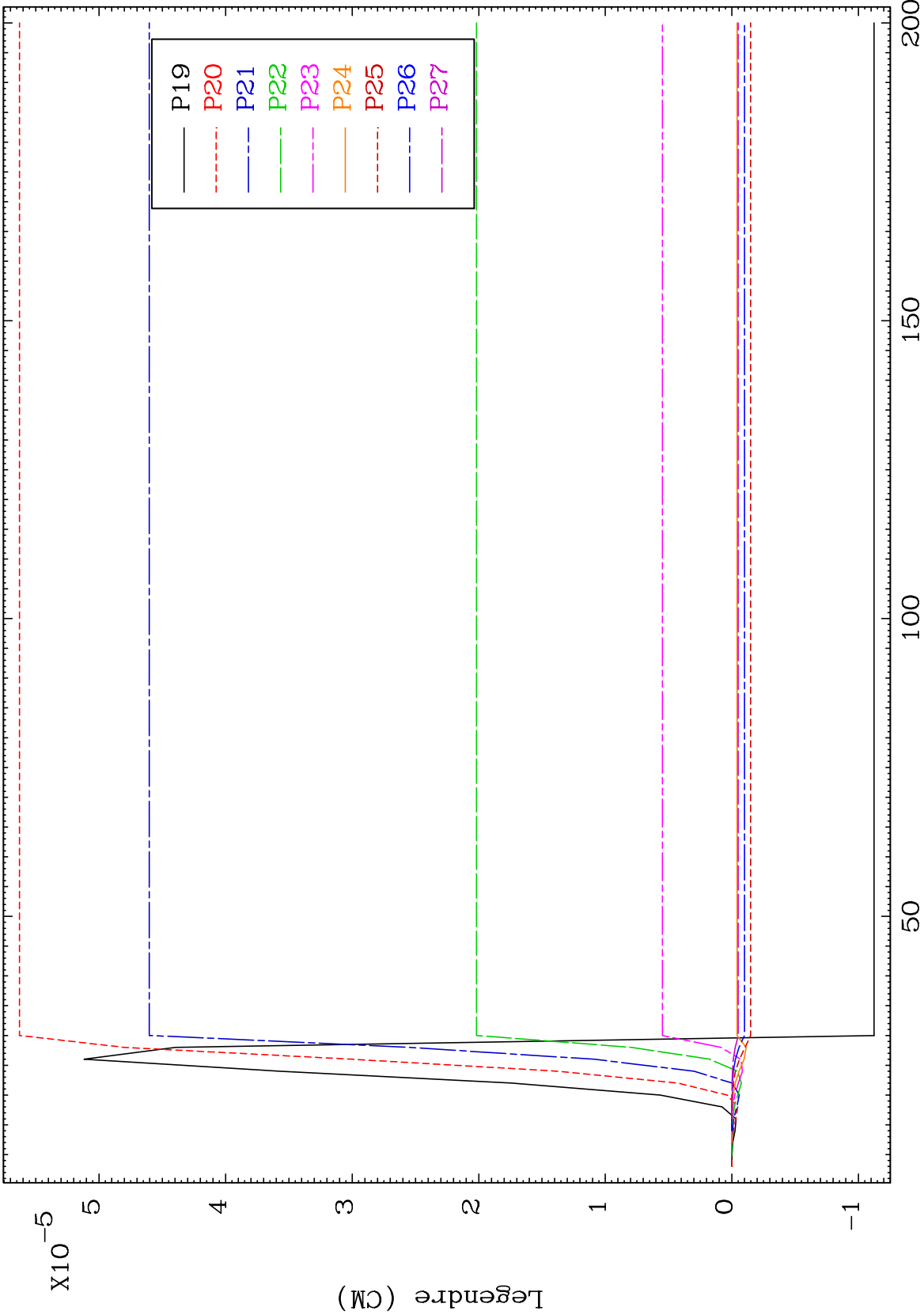
66-Dy-147

MAT 6598

1.781 MeV (n,n') Level

66-Dy-147

Legendre Coefficients



66-Dy-147

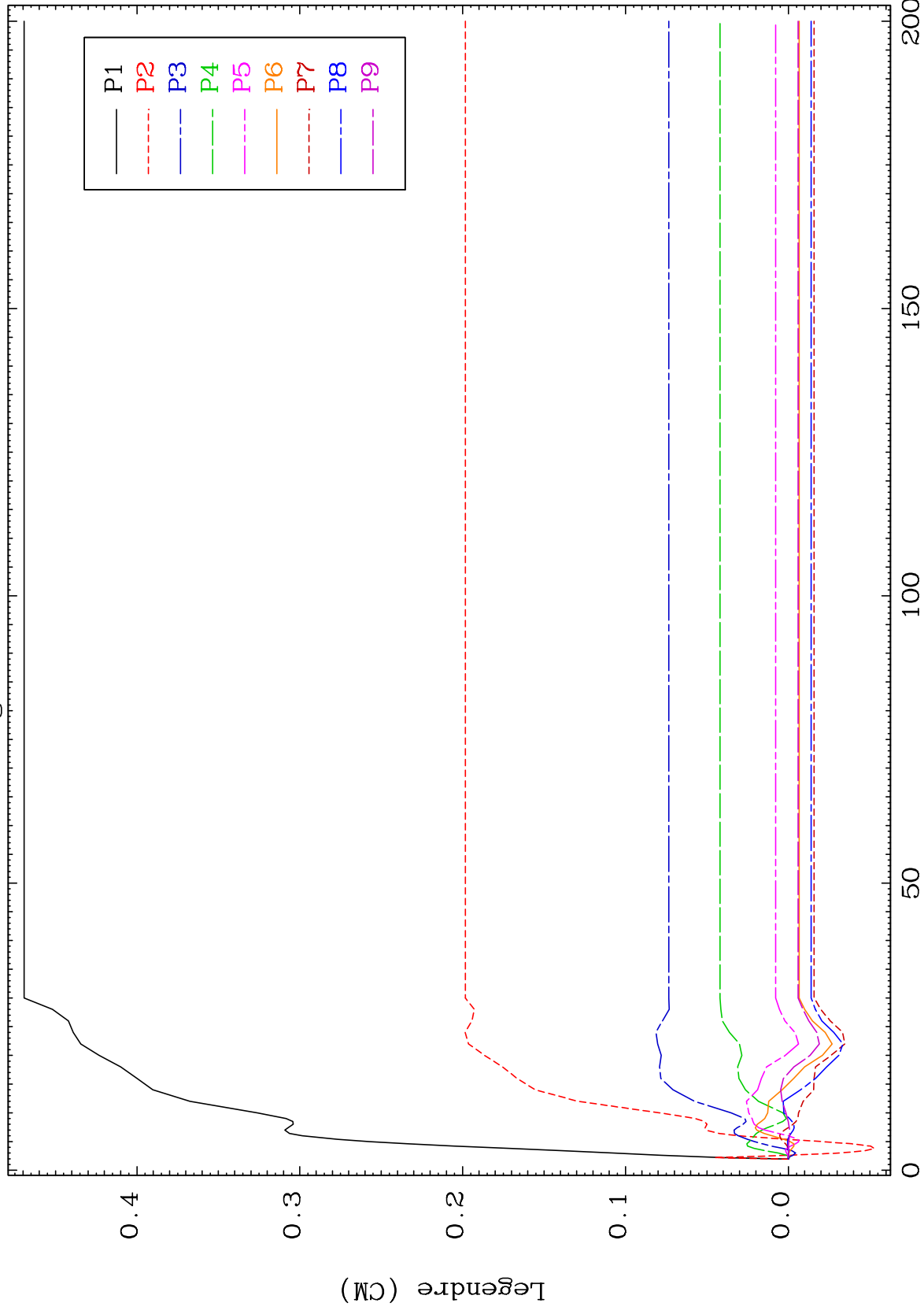
Incident Energy (MeV)

45

MAT 6598

1.925 MeV (n,n') Level
Legendre Coefficients

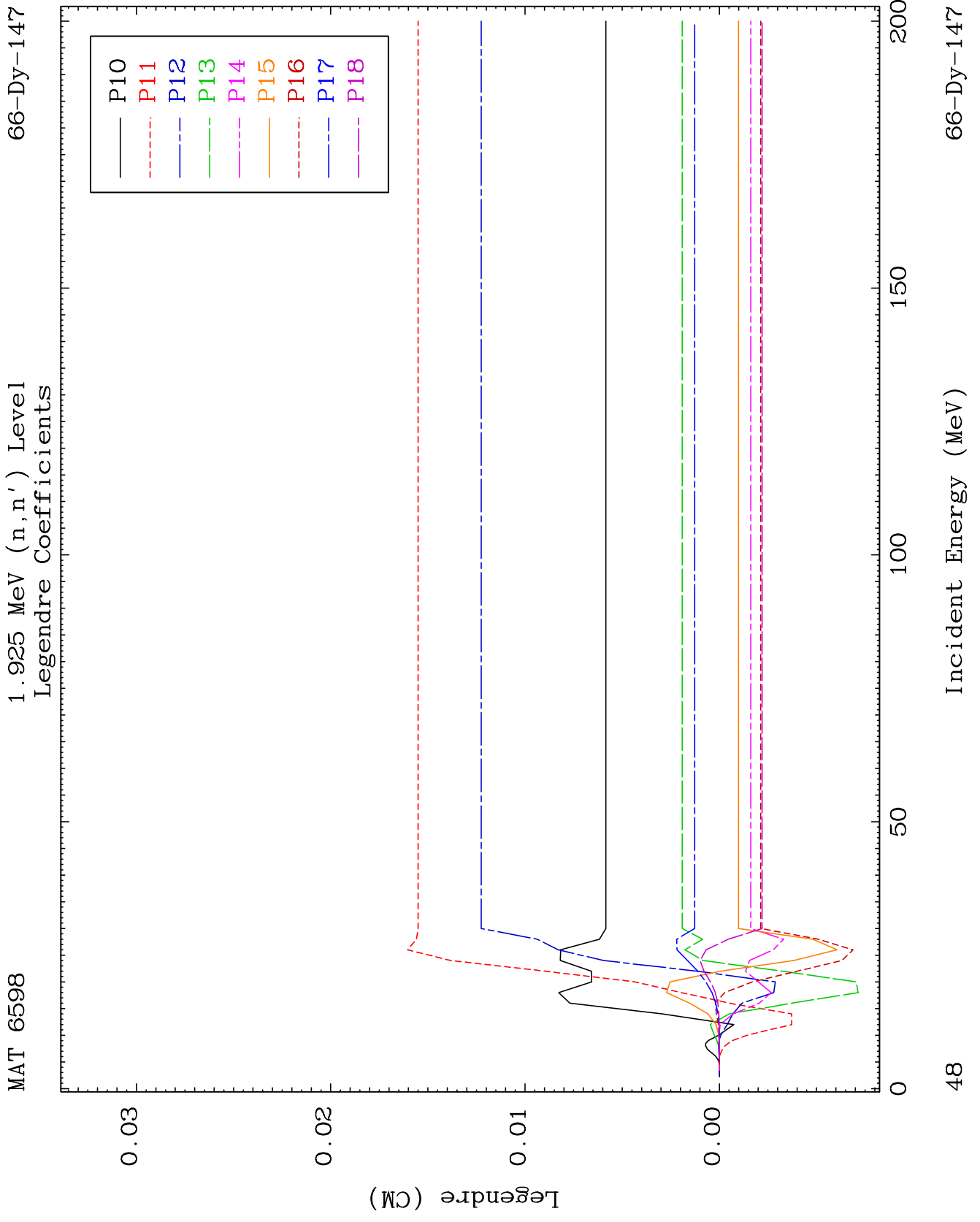
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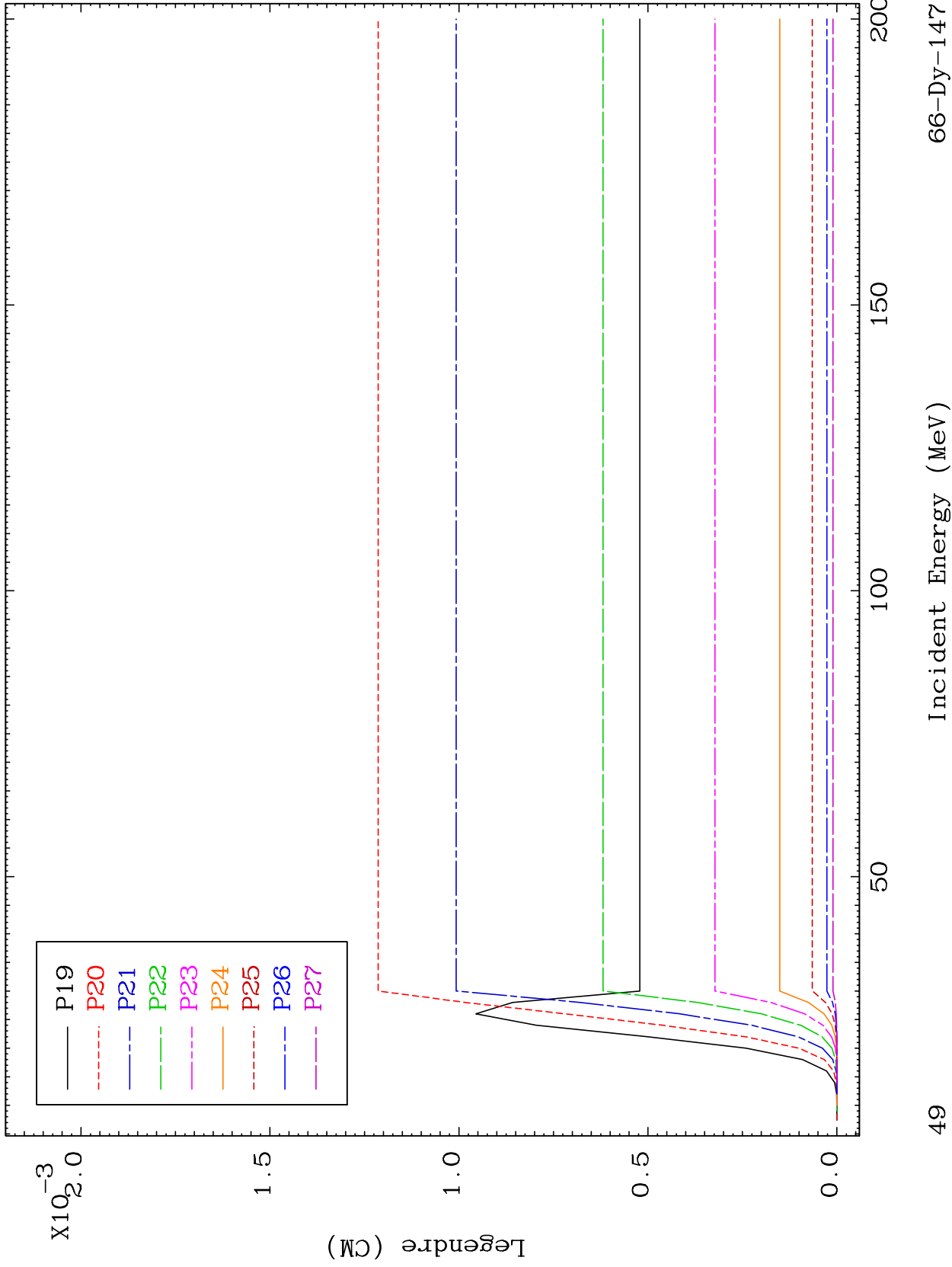


47

Incident Energy (MeV)

66-Dy-147

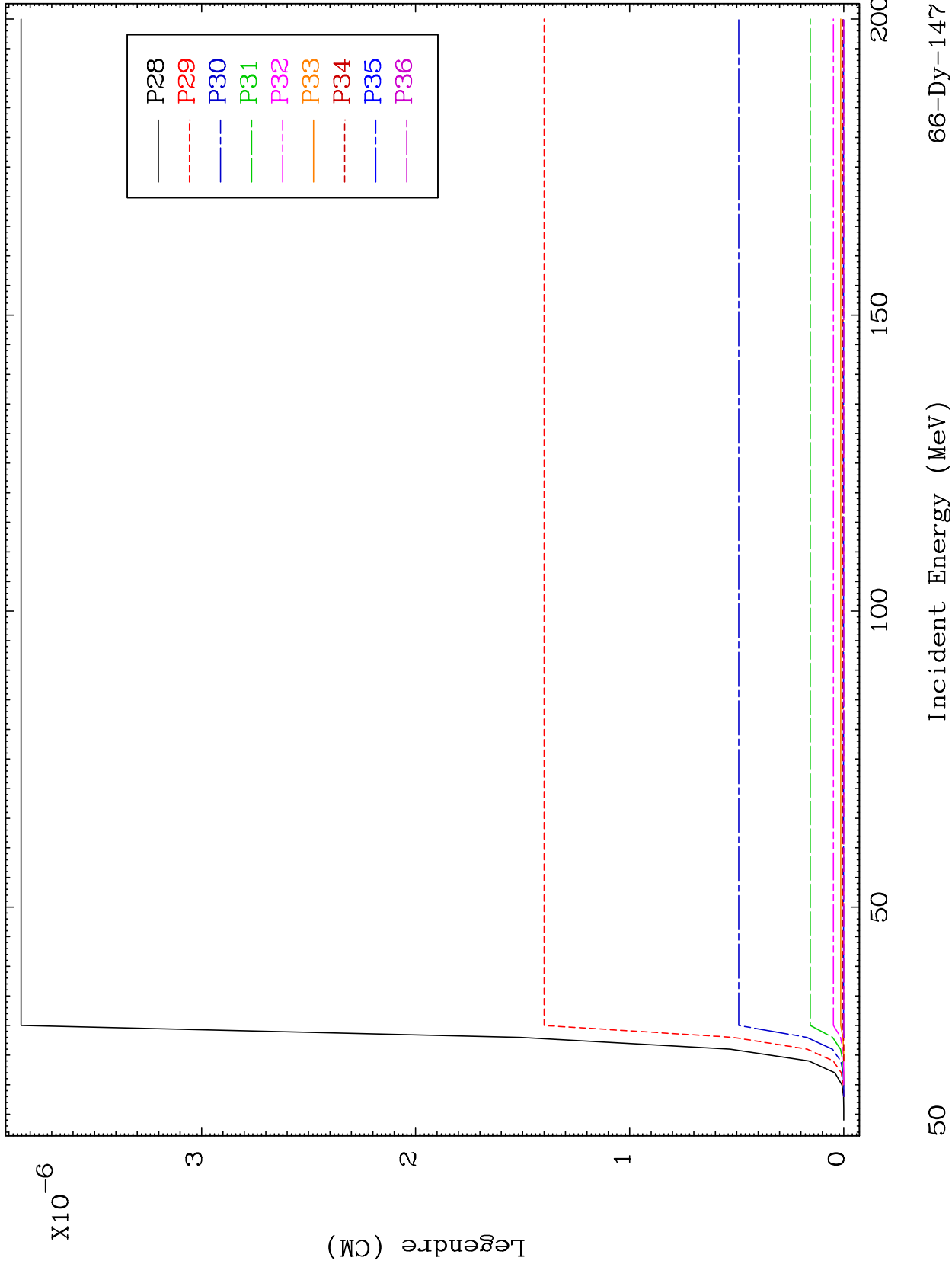




MAT 6598

1.925 MeV (n,n') Level
Legendre Coefficients

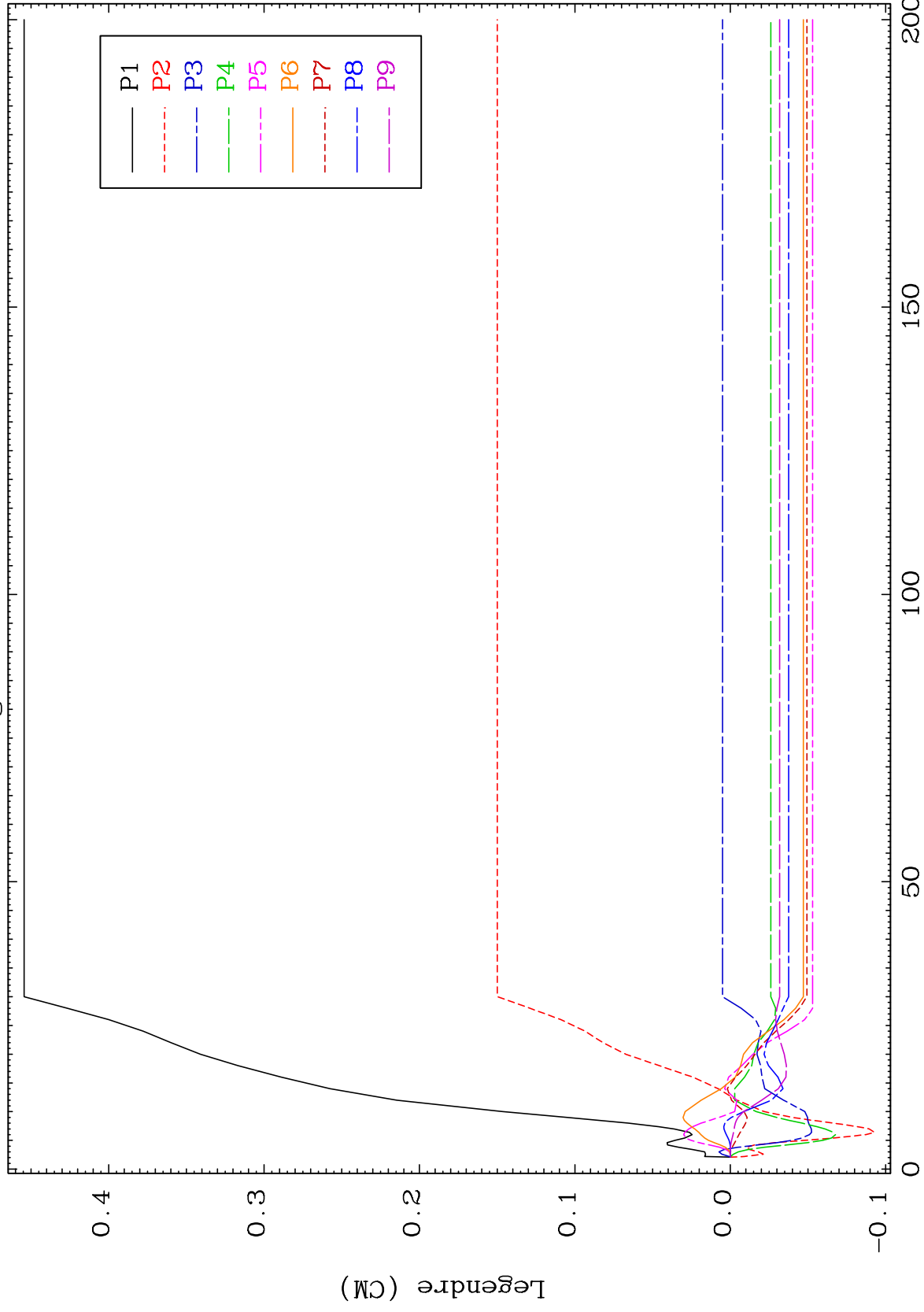
66-Dy-147



MAT 6598

2.063 MeV (n,n') Level
Legendre Coefficients

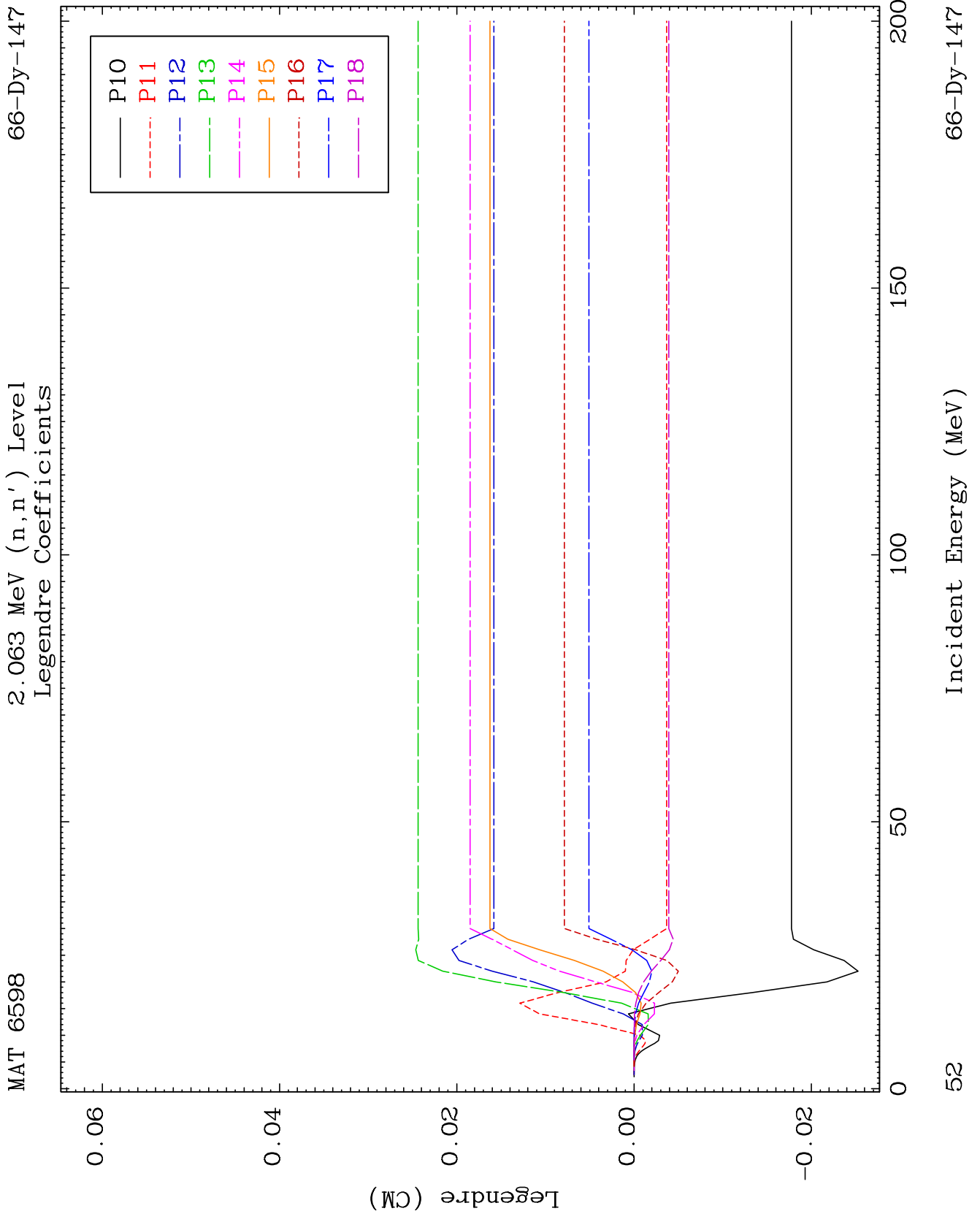
66-Dy-147

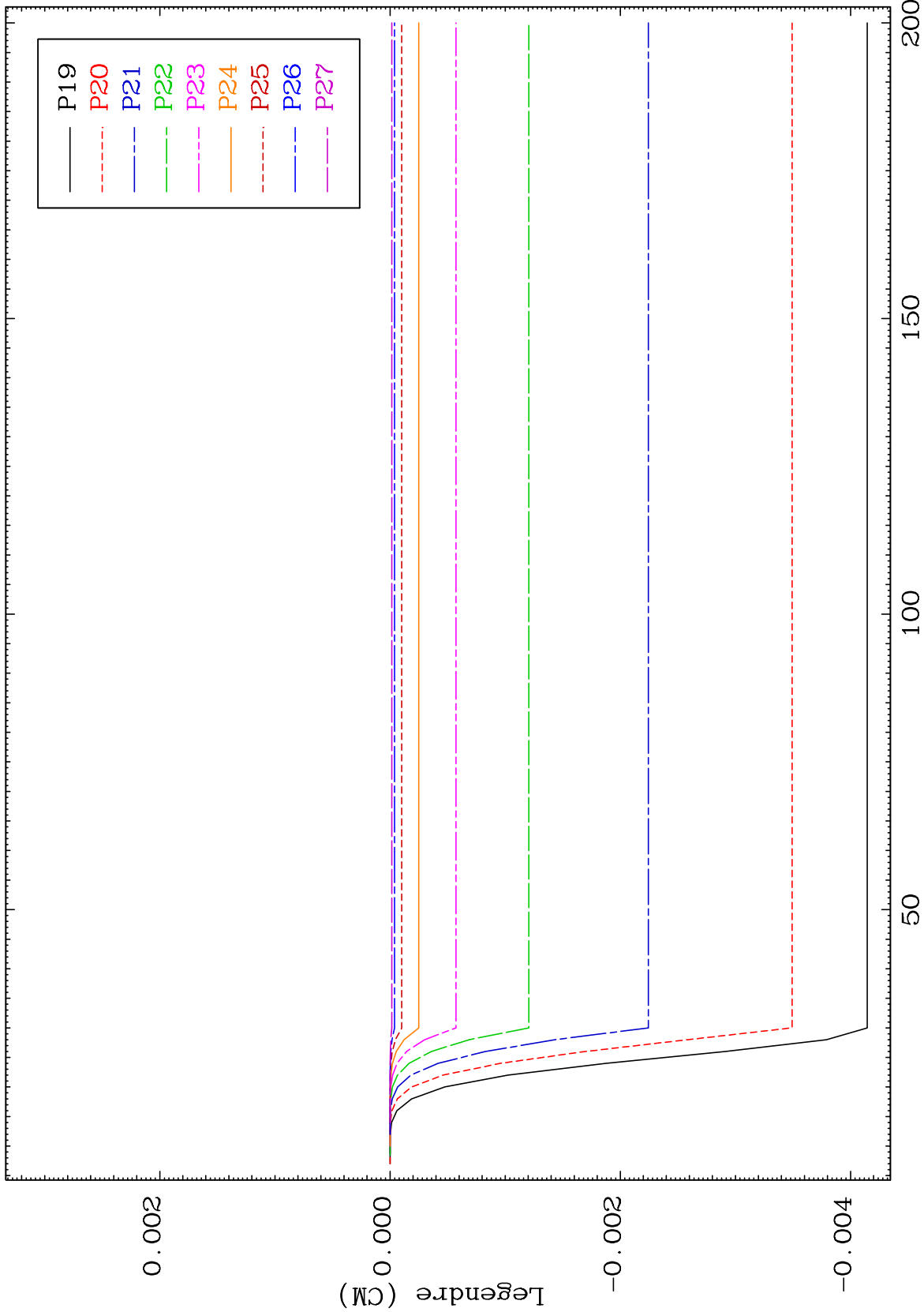


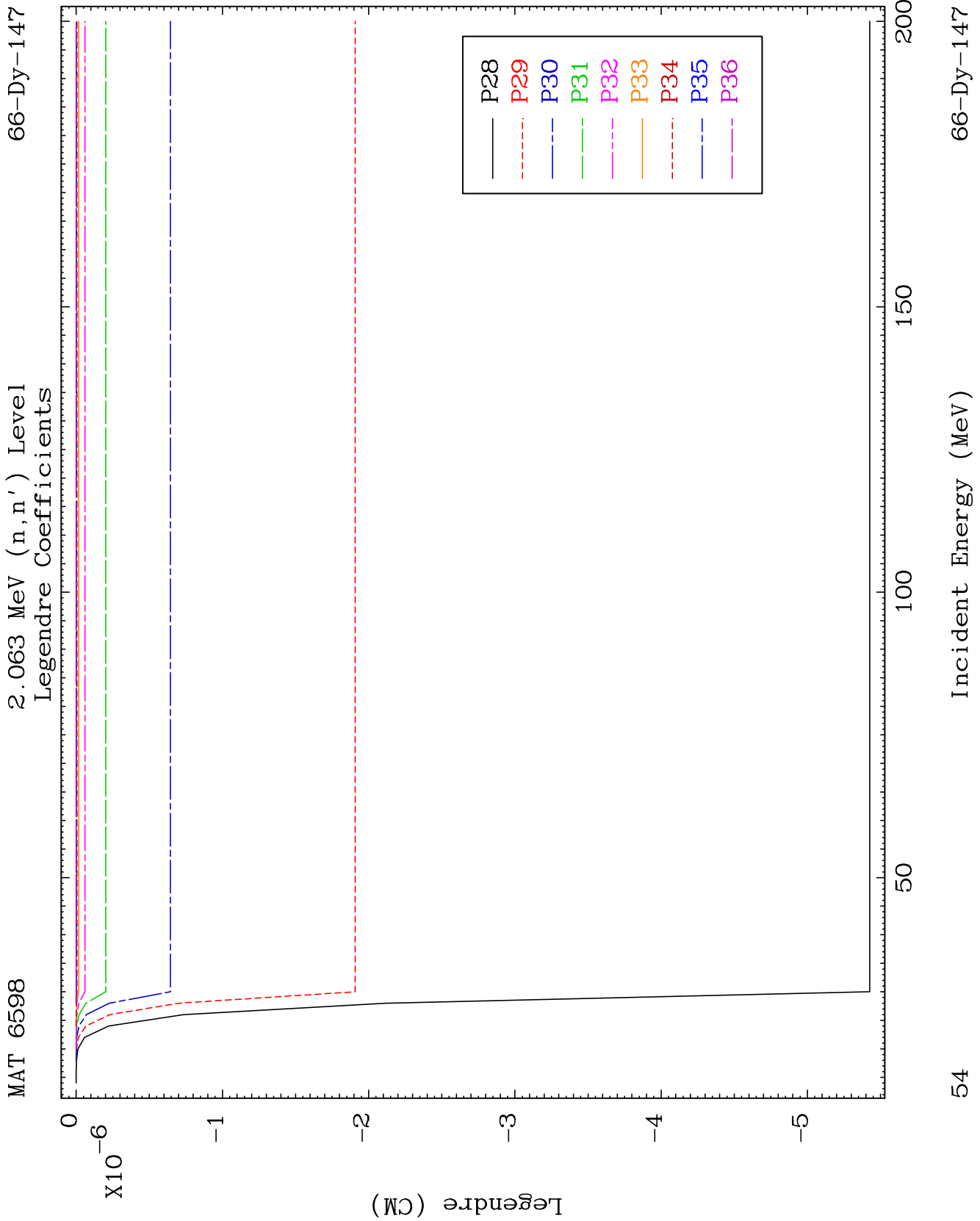
51

Incident Energy (MeV)

66-Dy-147



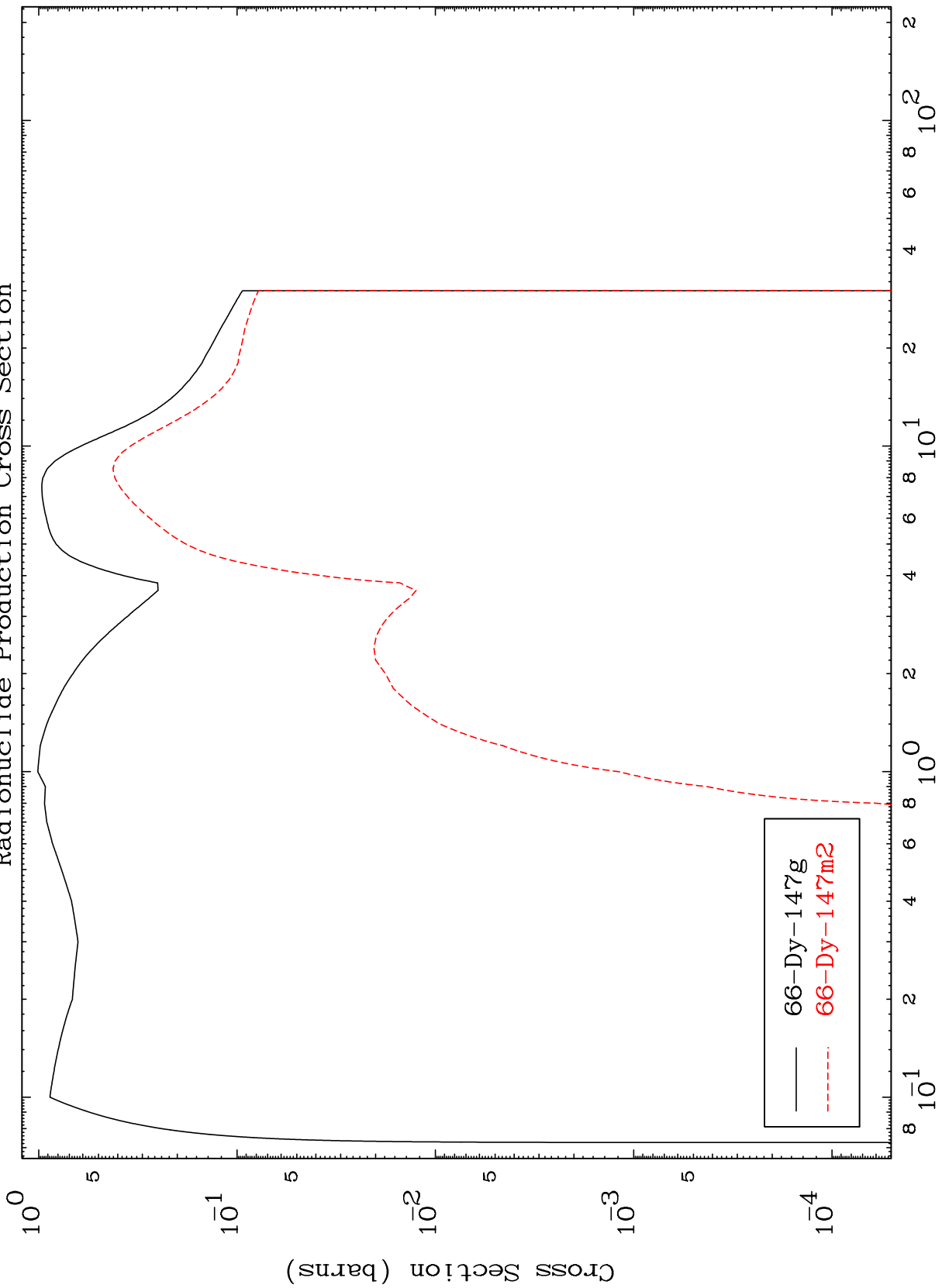




MAT 6598

66-Dy-147

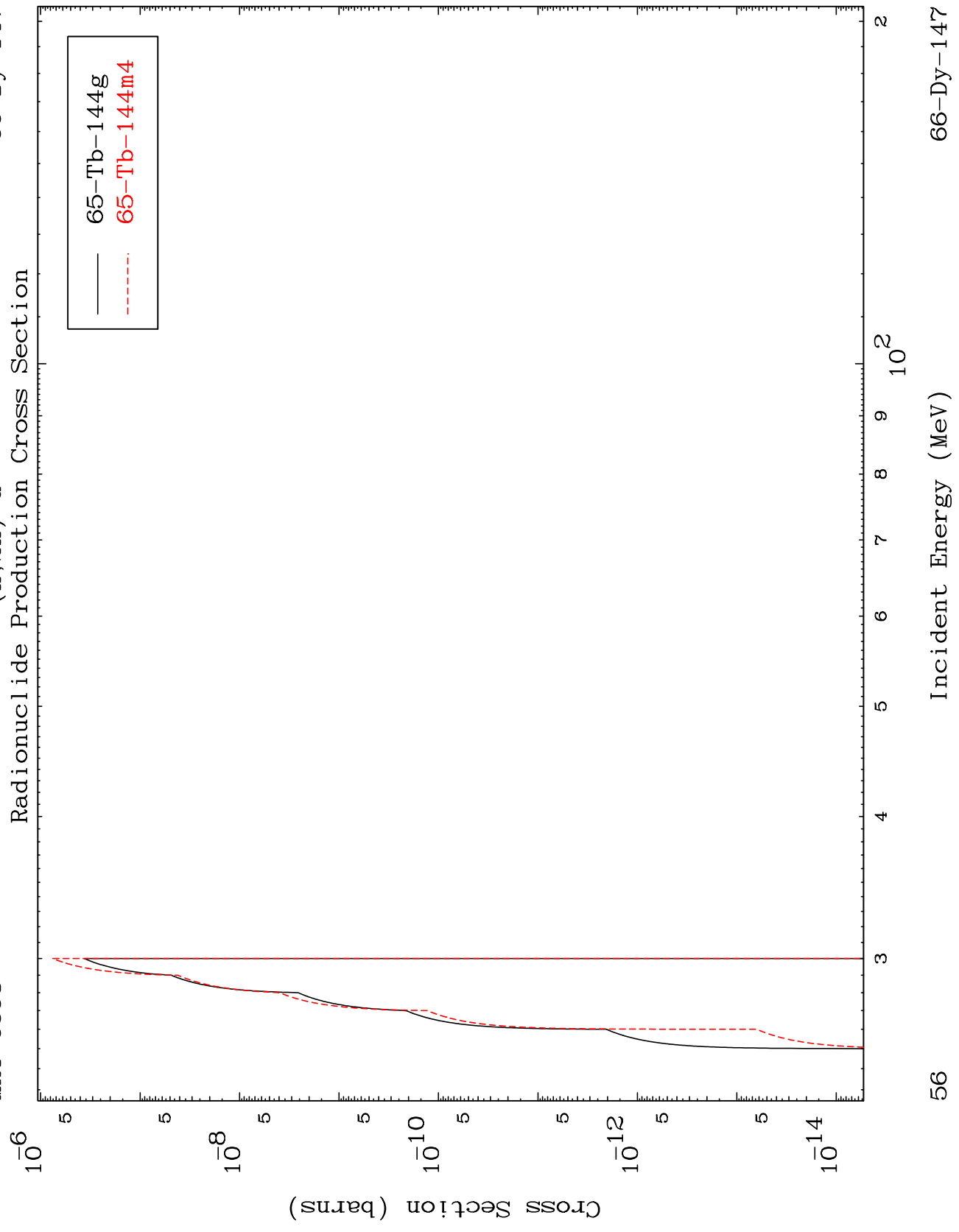
Inelastic
Radionuclide Production Cross Section



55

66-Dy-147

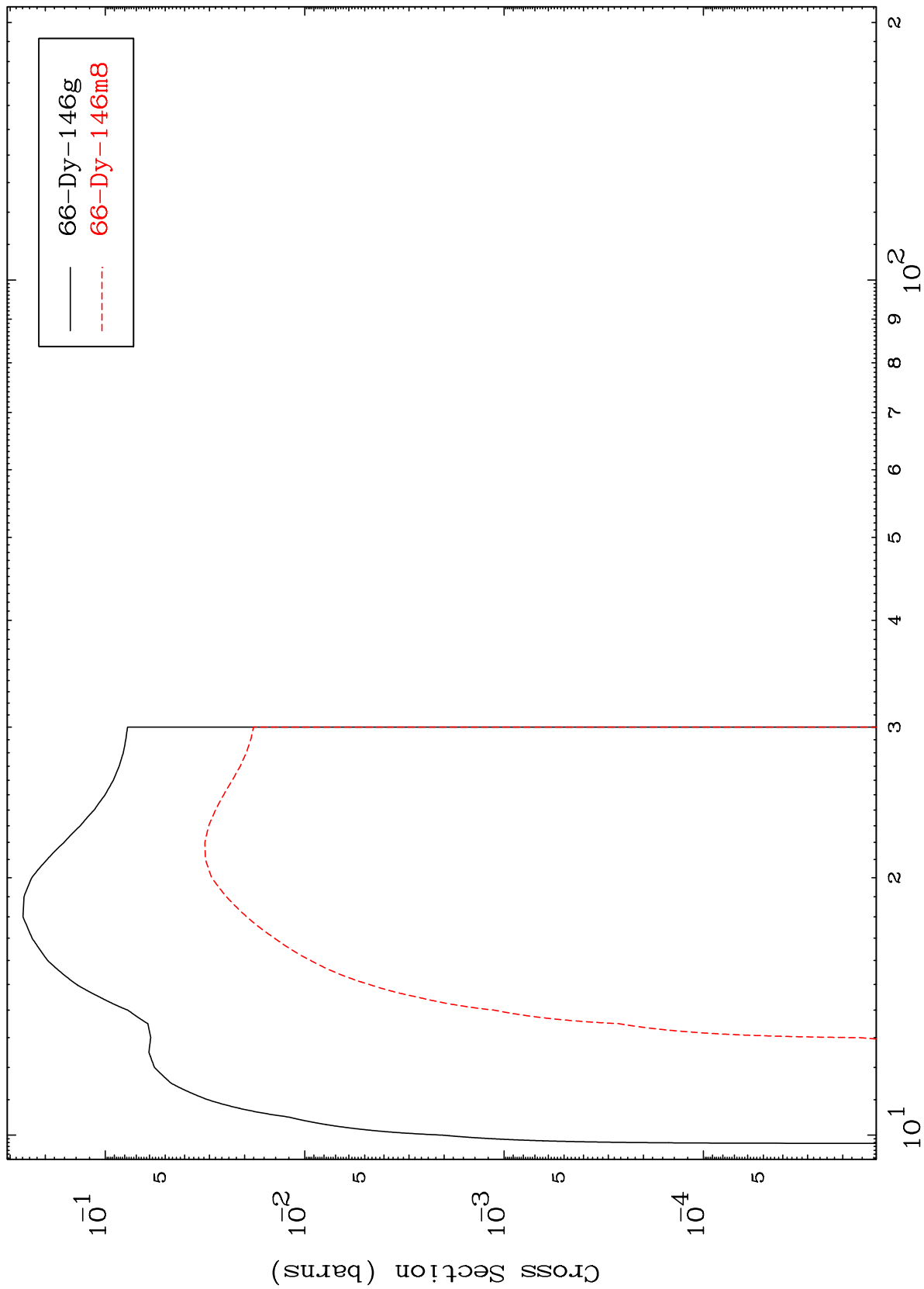
Incident Energy (MeV)



MAT 6598

66-Dy-147

(n,2n)
Radionuclide Production Cross Section



66-Dy-147

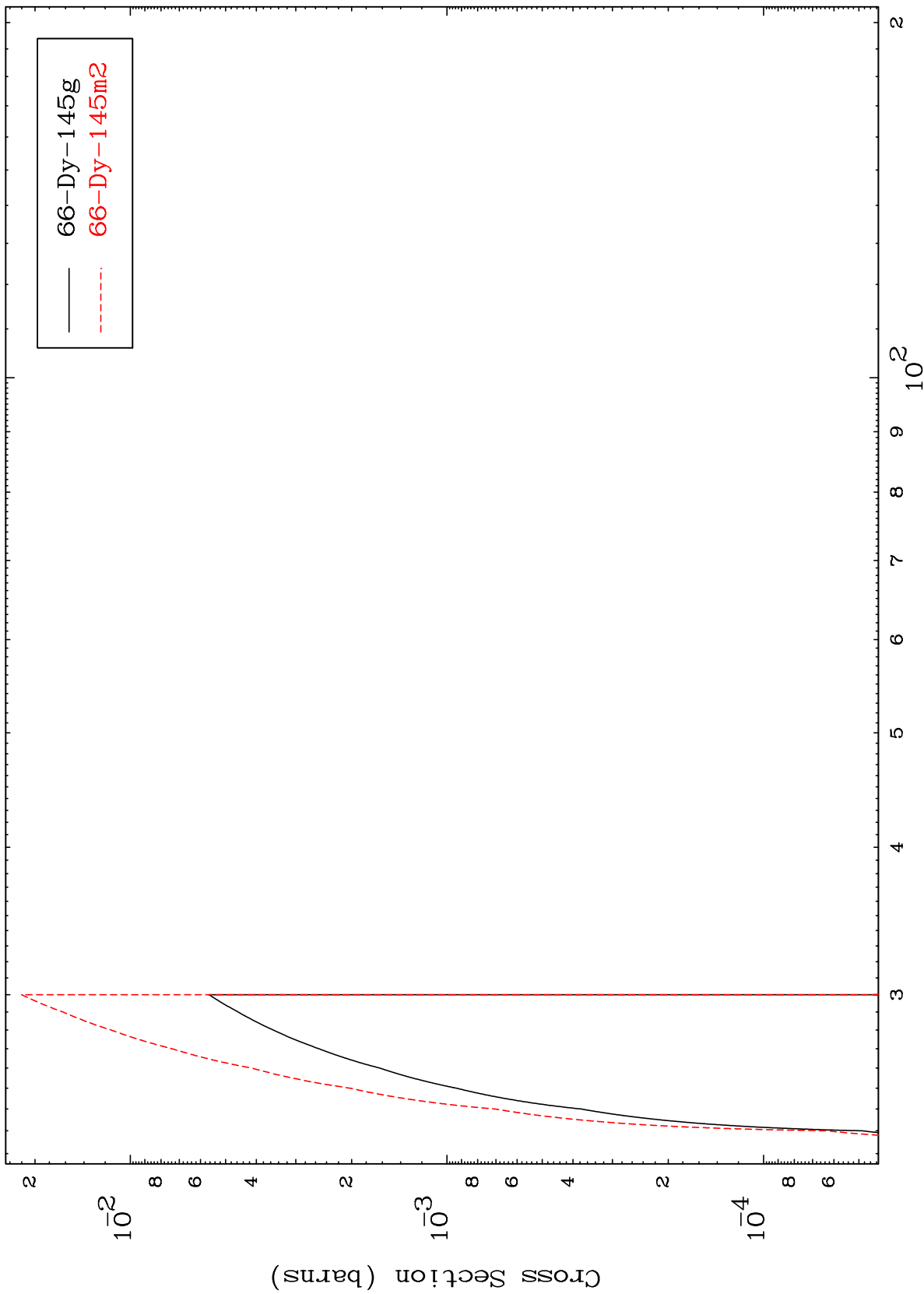
Incident Energy (MeV)

57

MAT 6598

66-Dy-147

(n,3n)
Radionuclide Production Cross Section



66-Dy-147

Incident Energy (MeV)

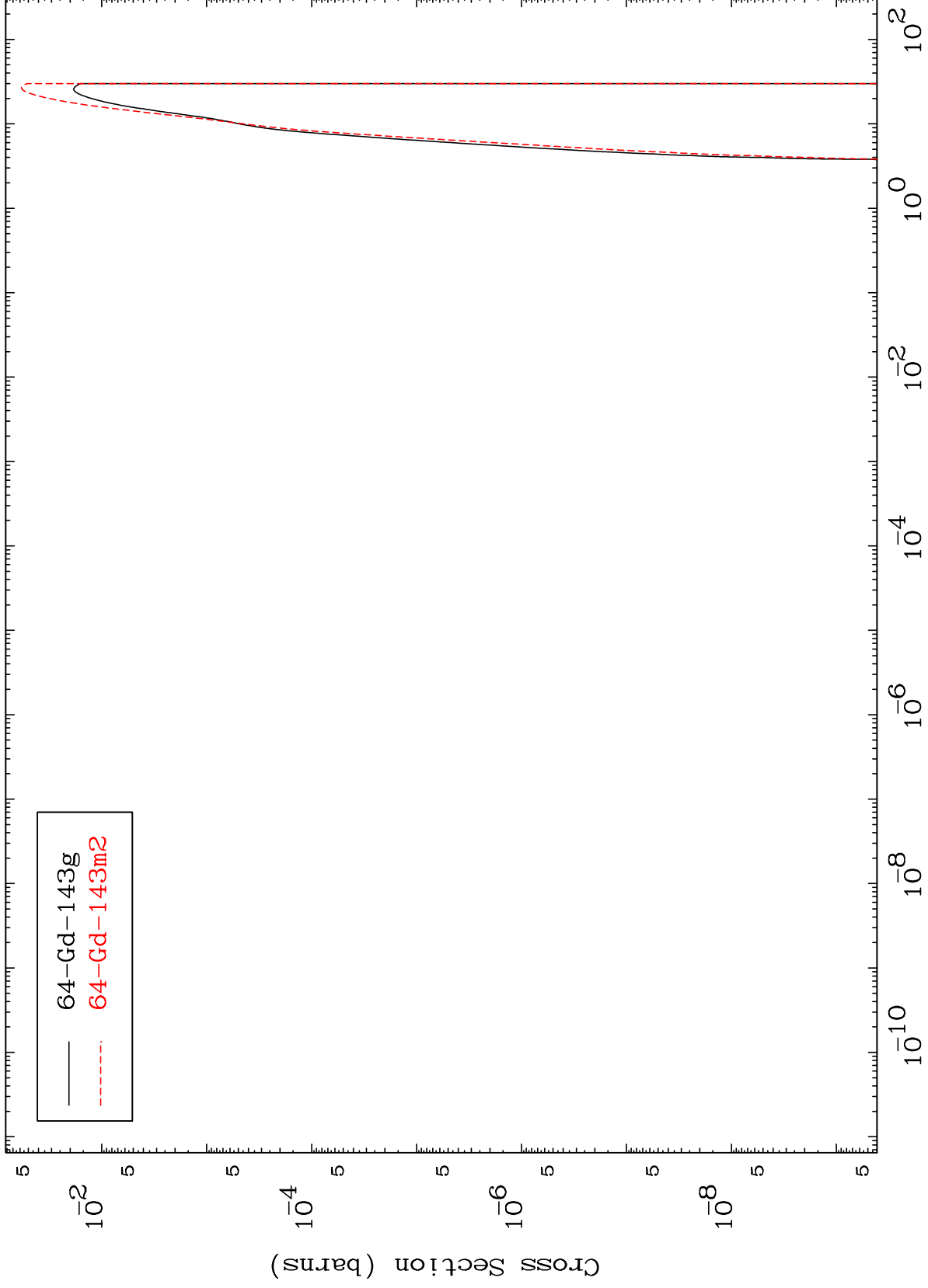
58

MAT 6598

(n, n') α

66-Dy-147

Radionuclide Production Cross Section



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

59

Incident Energy (MeV)

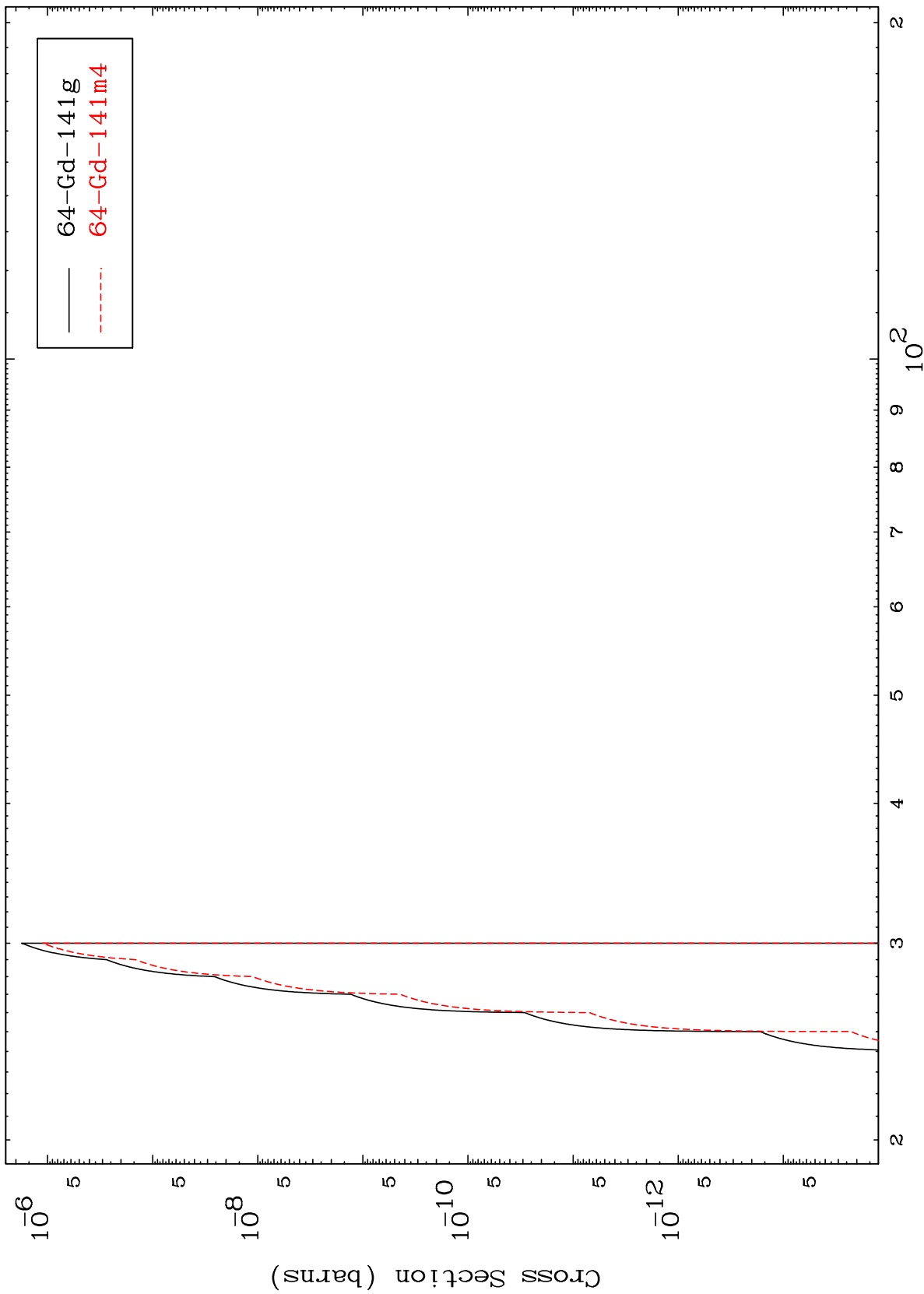
66-Dy-147

MAT 6598

(n,3n) α

66-Dy-147

Radionuclide Production Cross Section



60

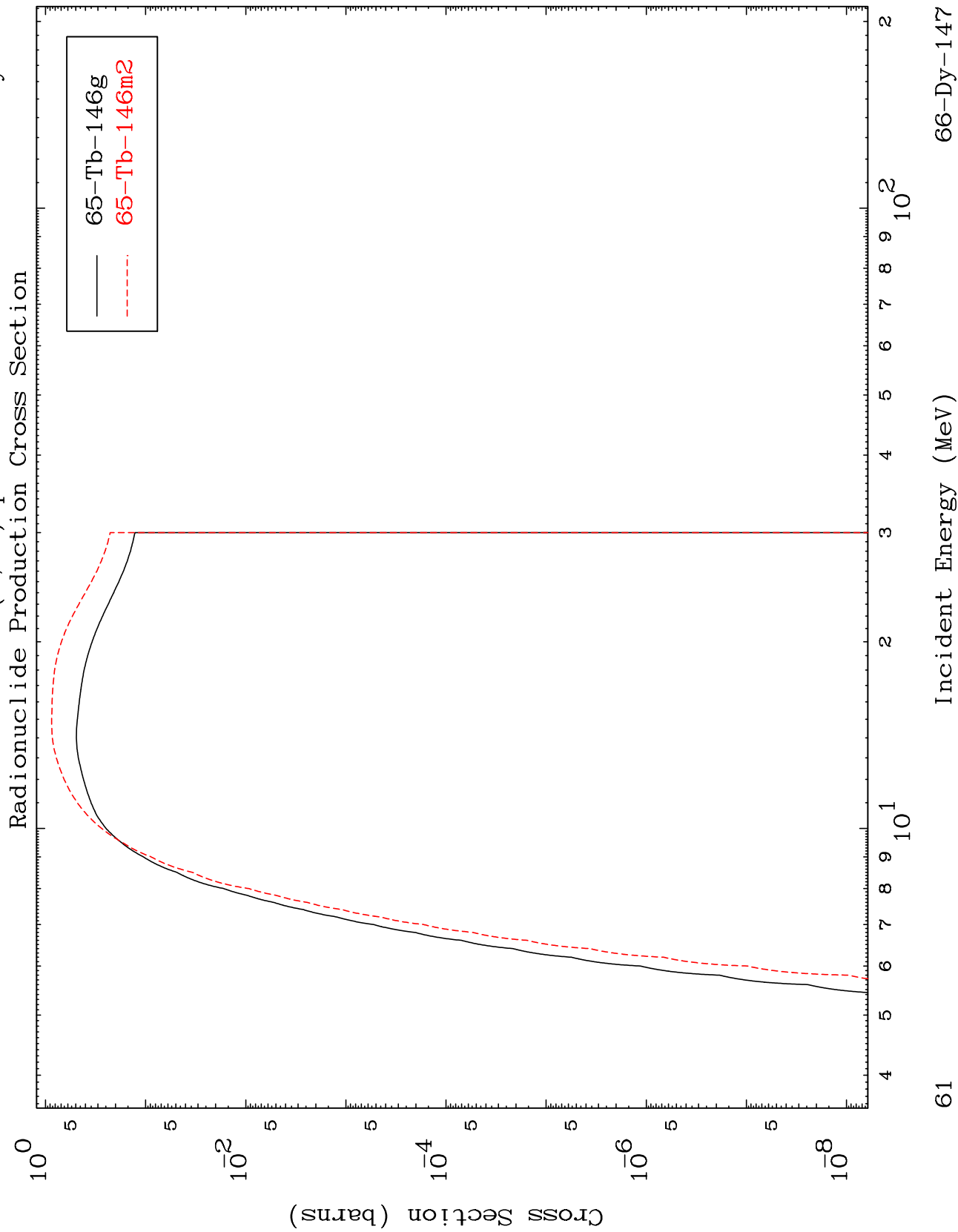
Incident Energy (MeV)

66-Dy-147

MAT 6598

(n,n') p

66-Dy-147



61

Incident Energy (MeV)

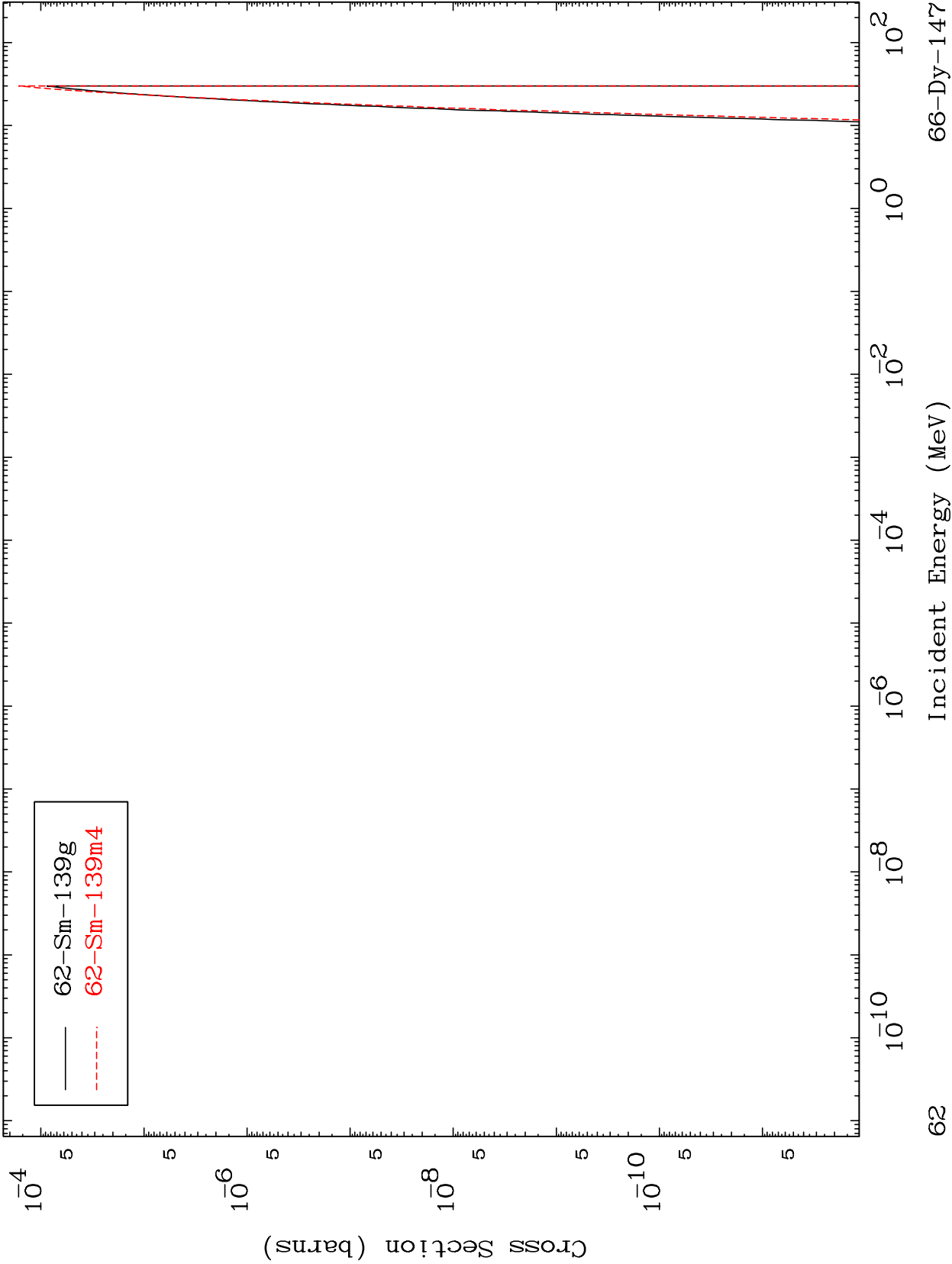
66-Dy-147

MAT 6598

(n,n') 2α

66-Dy-147

Radionuclide Production Cross Section



62

Incident Energy (MeV)

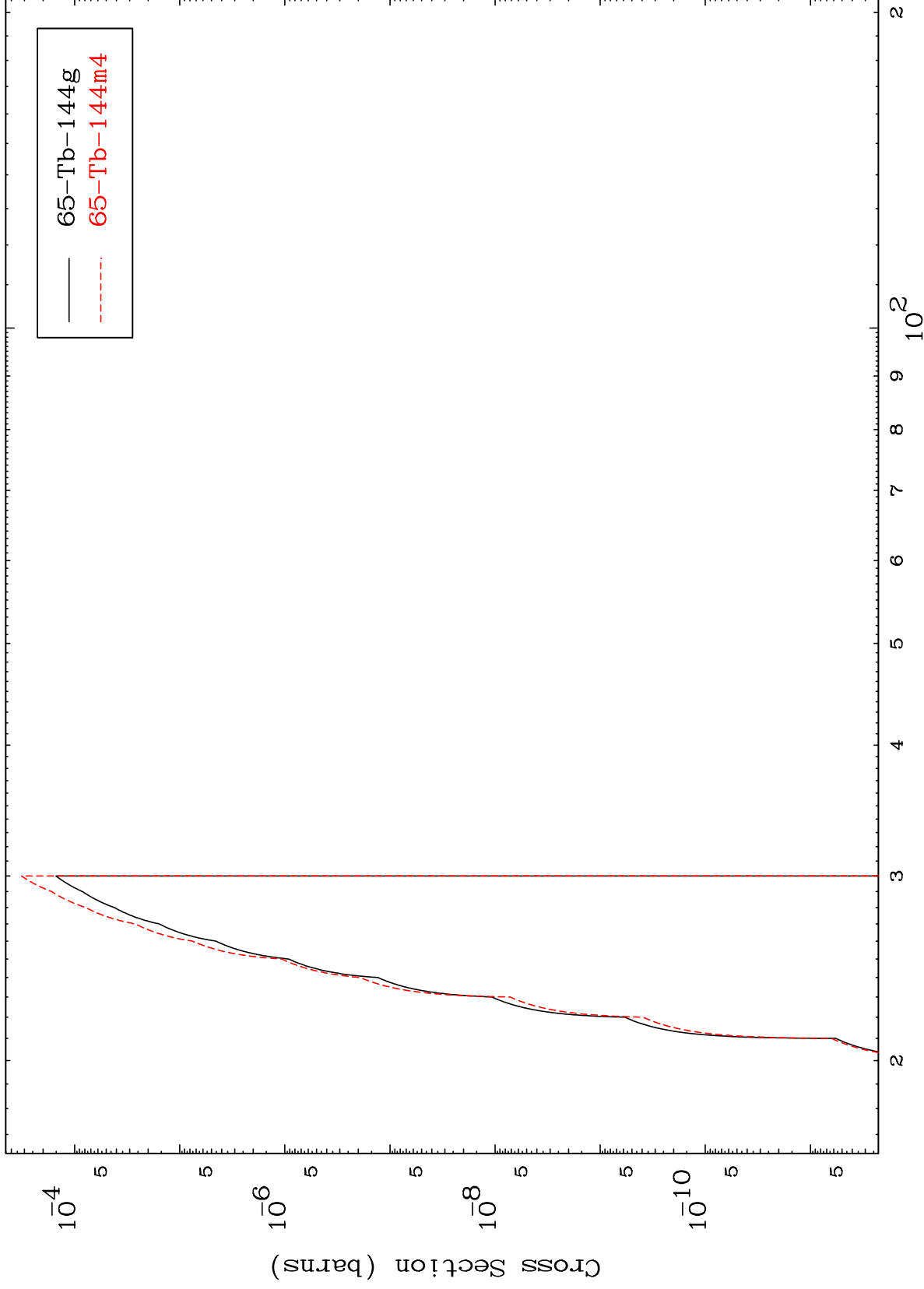
66-Dy-147

MAT 6598

(n,n') t

66-Dy-147

Radionuclide Production Cross Section



63

Incident Energy (MeV)

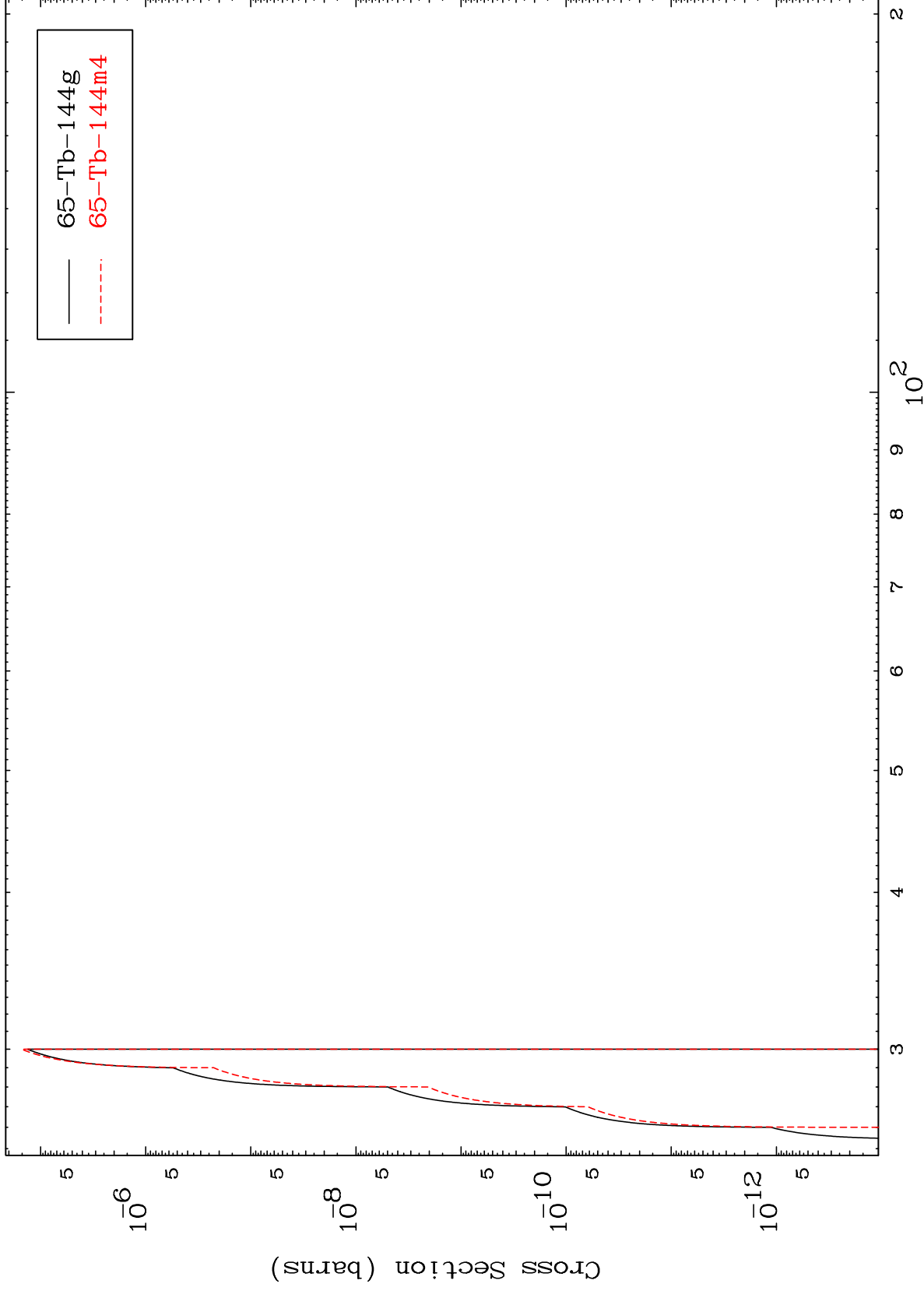
66-Dy-147

MAT 6598

(n,3n) p

66-Dy-147

Radionuclide Production Cross Section



64

Incident Energy (MeV)

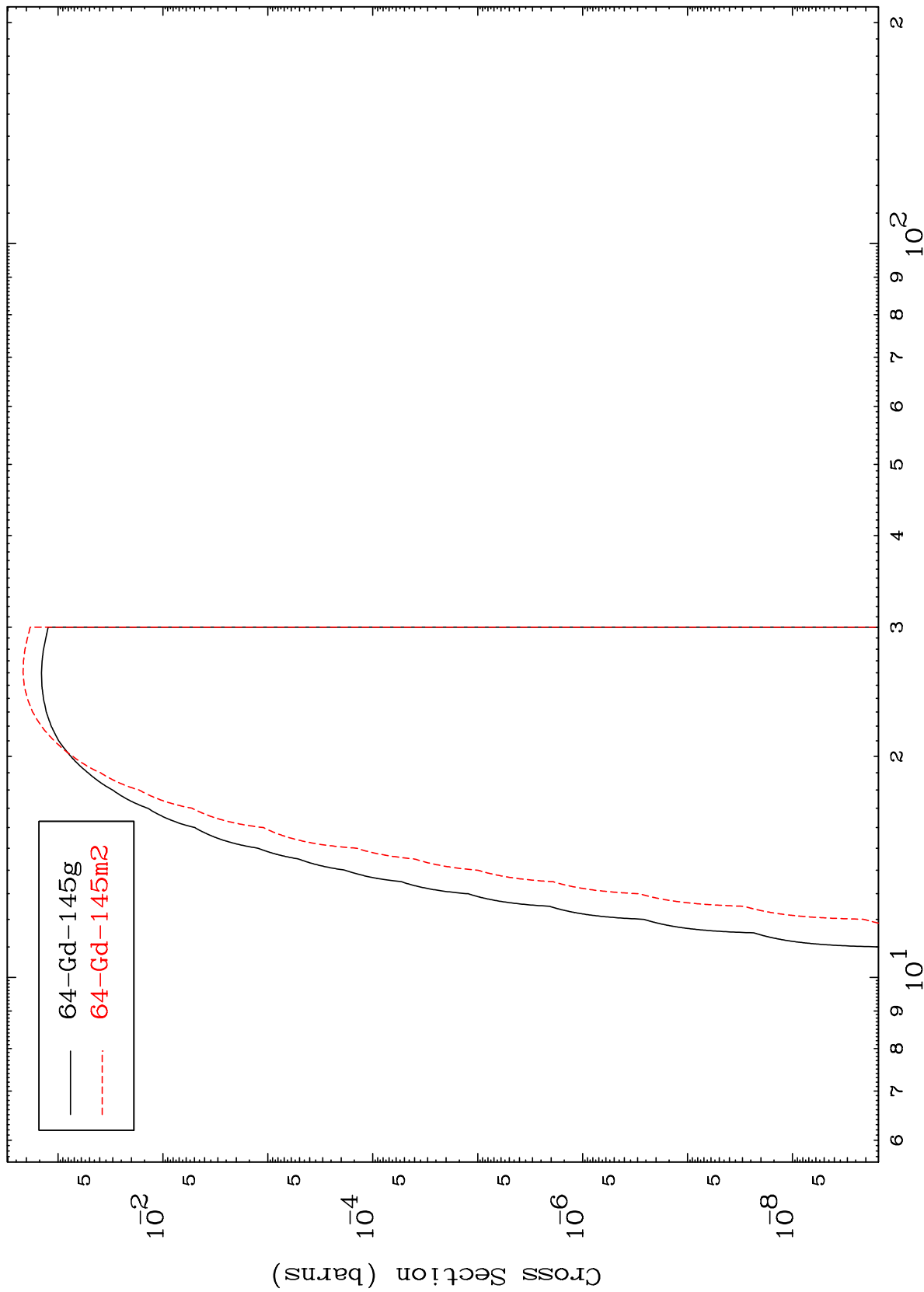
66-Dy-147

MAT 6598

(n,2n) p

66-Dy-147

Radionuclide Production Cross Section



66

Incident Energy (MeV)

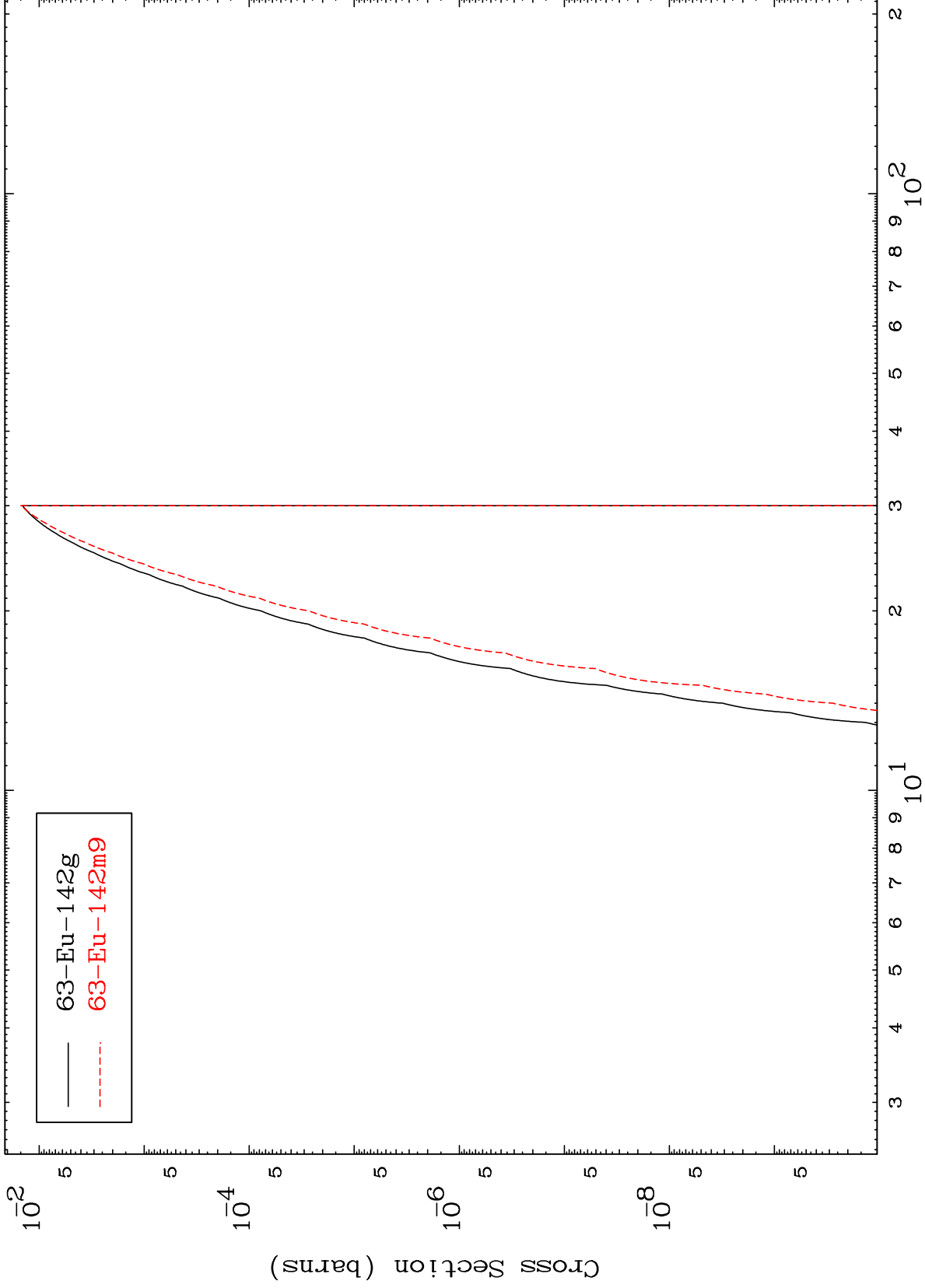
66-Dy-147

MAT 6598

(n,n') p α

66-Dy-147

Radionuclide Production Cross Section



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

66

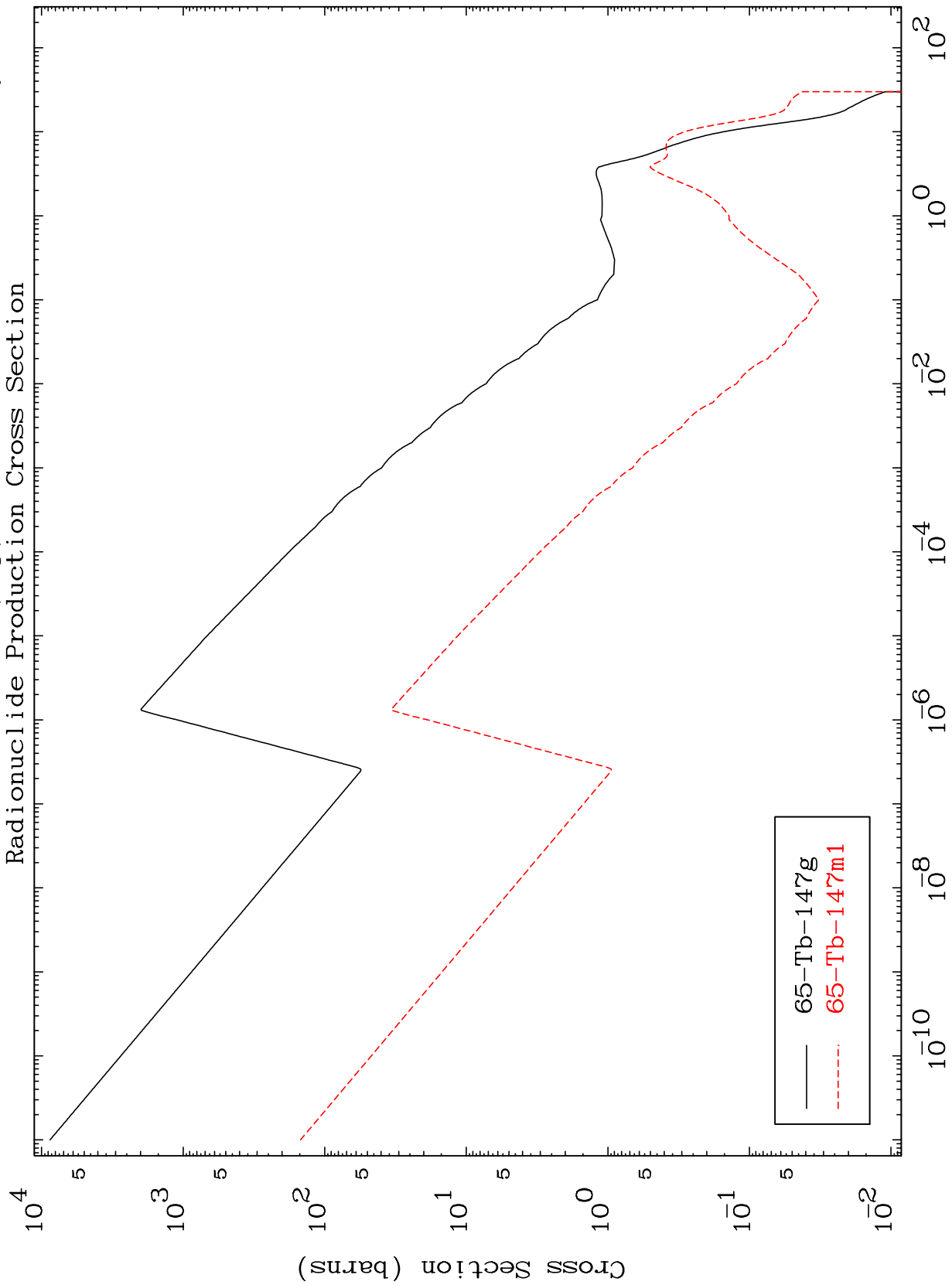
Incident Energy (MeV)

66-Dy-147

MAT 6598

66-Dy-147

(n,p)
Radionuclide Production Cross Section



66-Dy-147

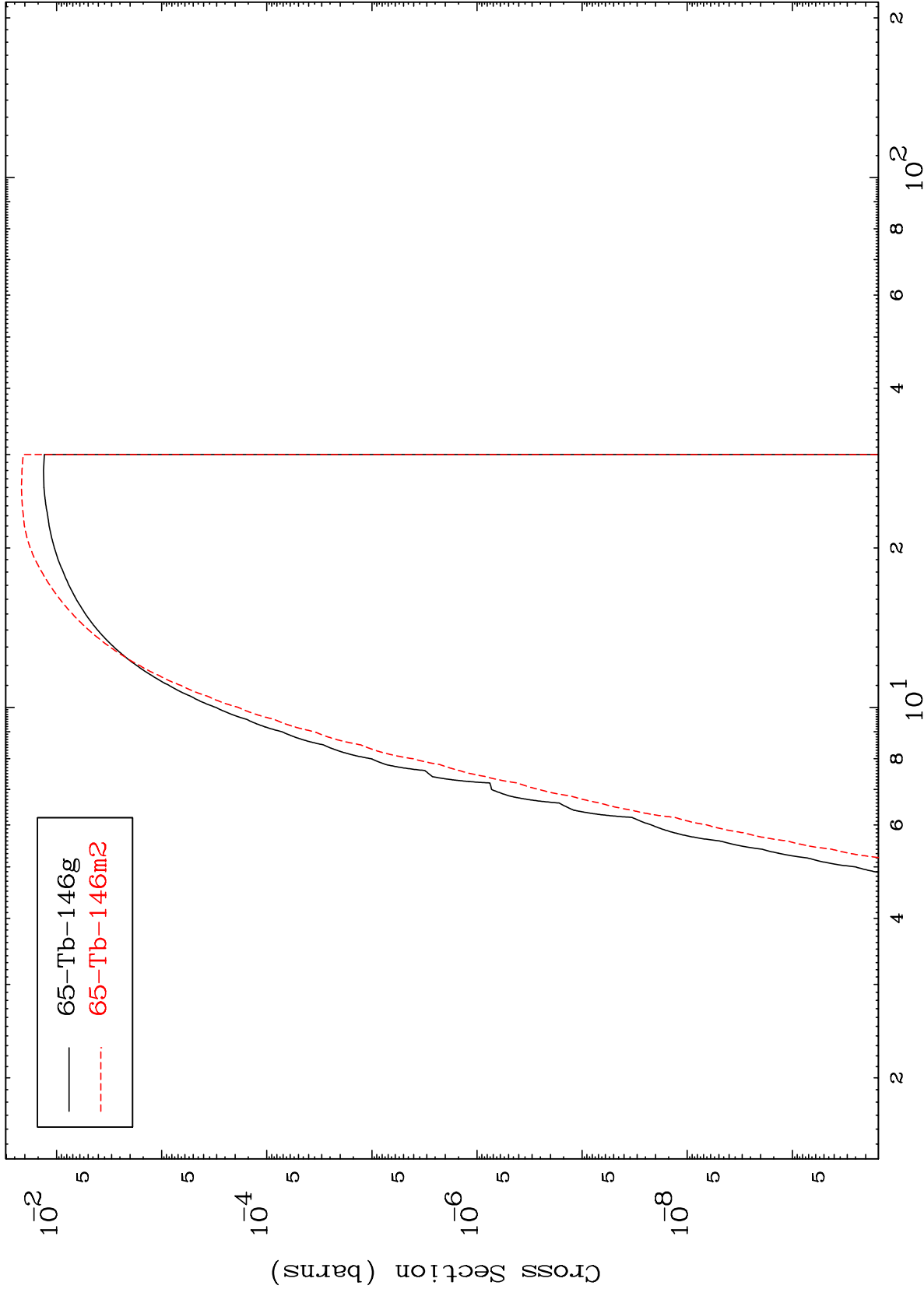
Incident Energy (MeV)

67

MAT 6598

66-Dy-147

(n,d)
Radionuclide Production Cross Section



68

66-Dy-147

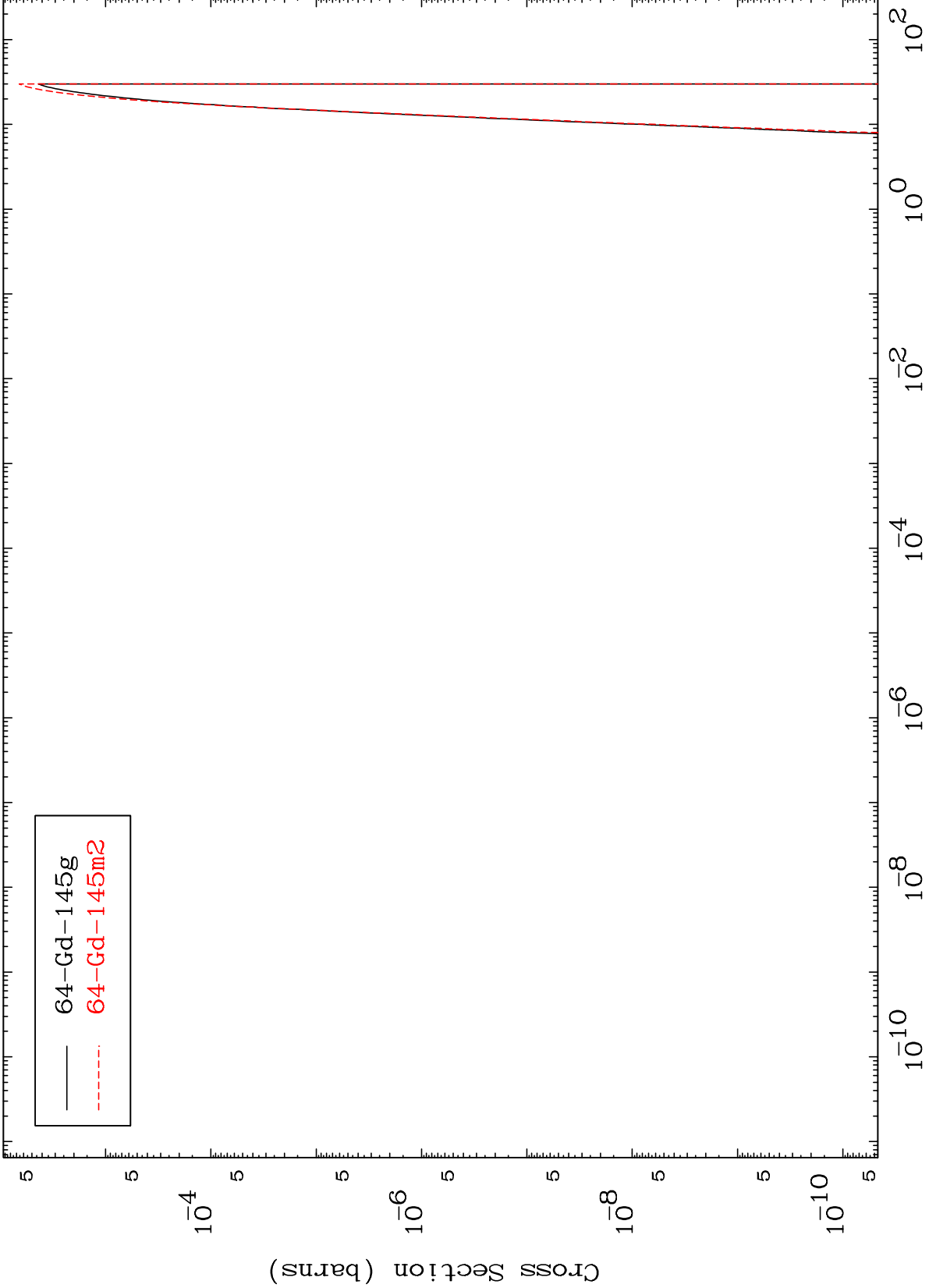
Incident Energy (MeV)

MAT 6598

(n,He-3)

66-Dy-147

Radionuclide Production Cross Section



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

69

Incident Energy (MeV)

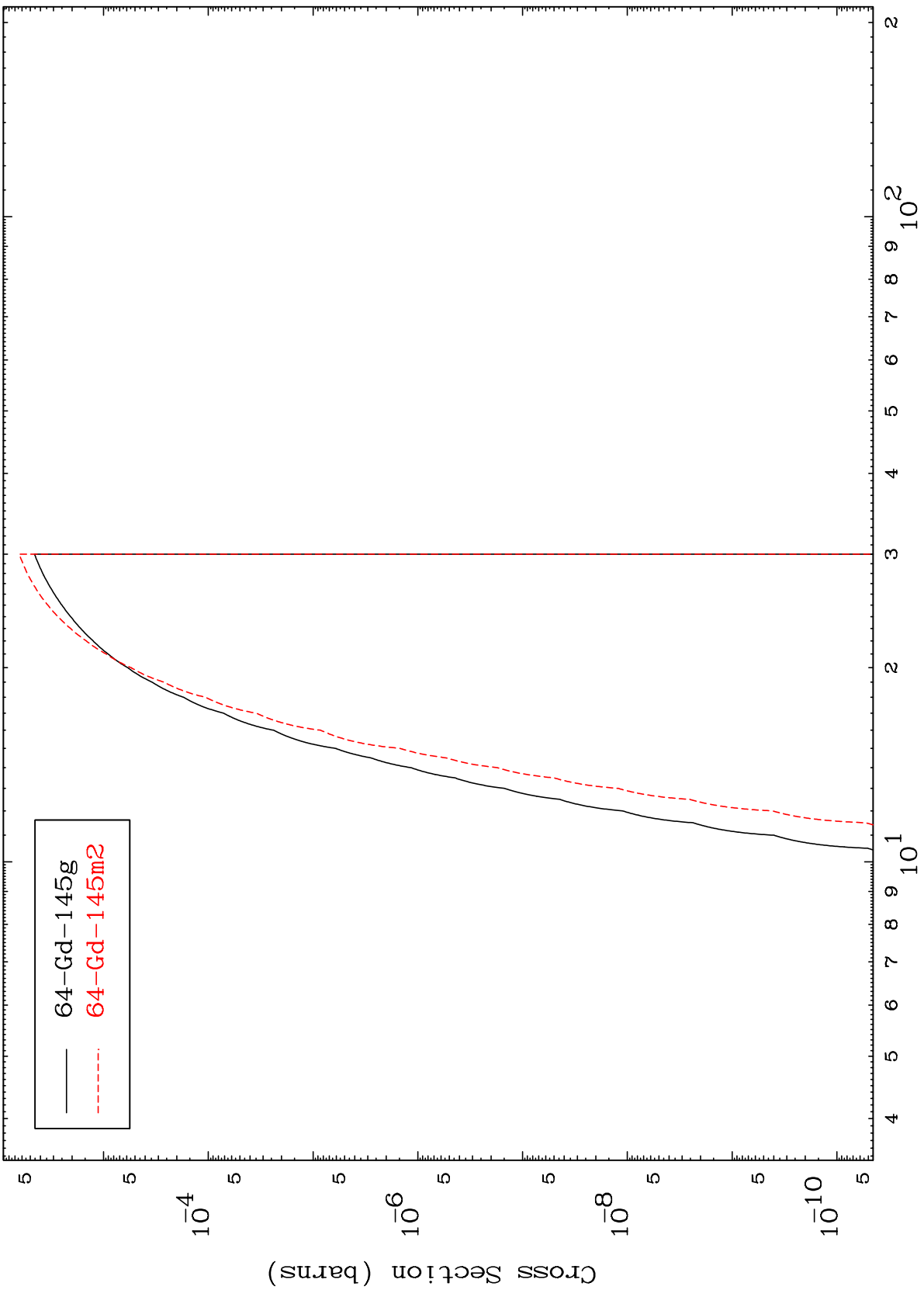
66-Dy-147

MAT 6598

(n,p) d

66-Dy-147

Radionuclide Production Cross Section



70

Incident Energy (MeV)

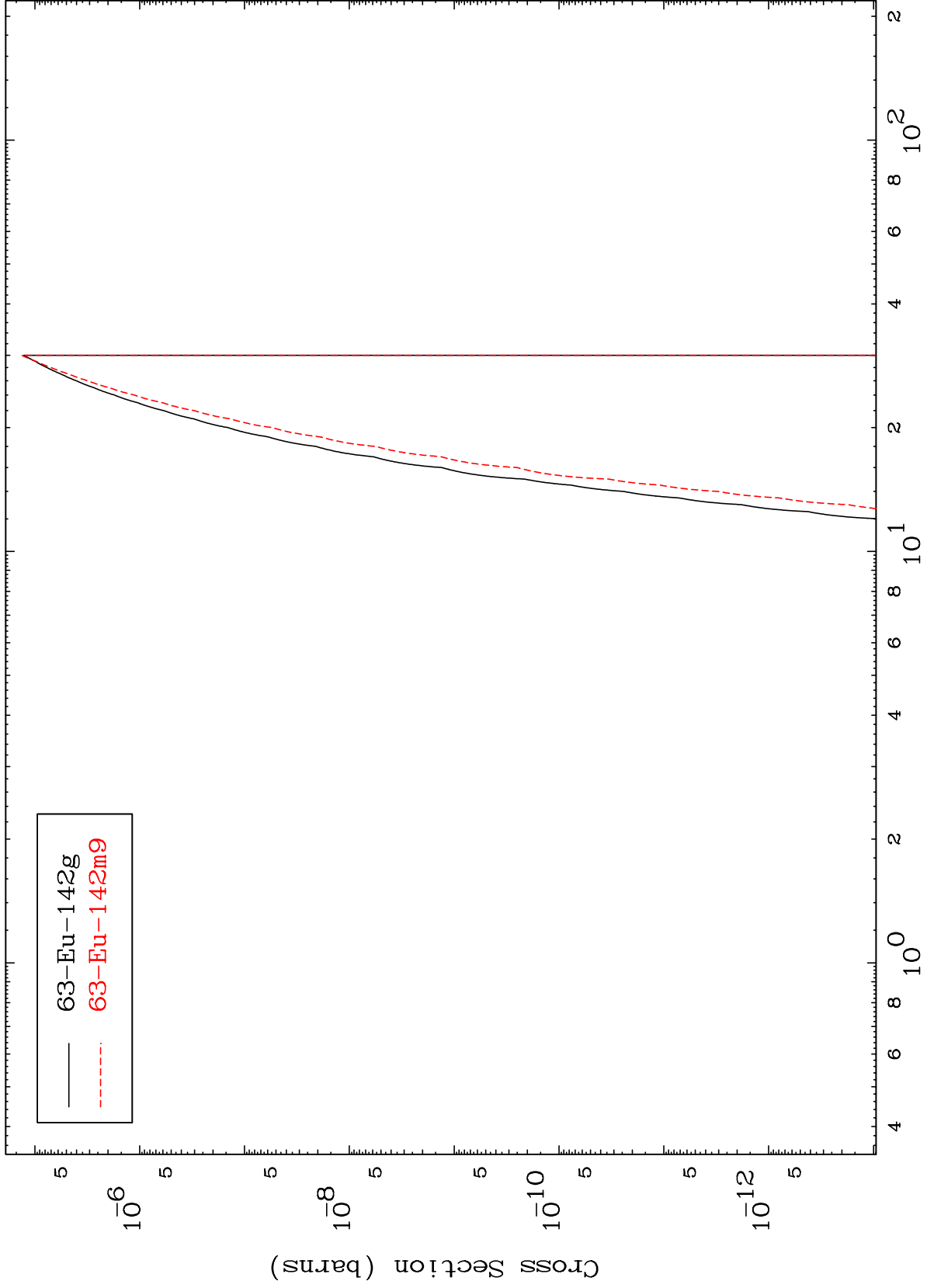
66-Dy-147

MAT 6598

(n,d) α

66-Dy-147

Radionuclide Production Cross Section



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

71

Incident Energy (MeV)

66-Dy-147