

Program EVALPLOT
(Version 2017-1)

by

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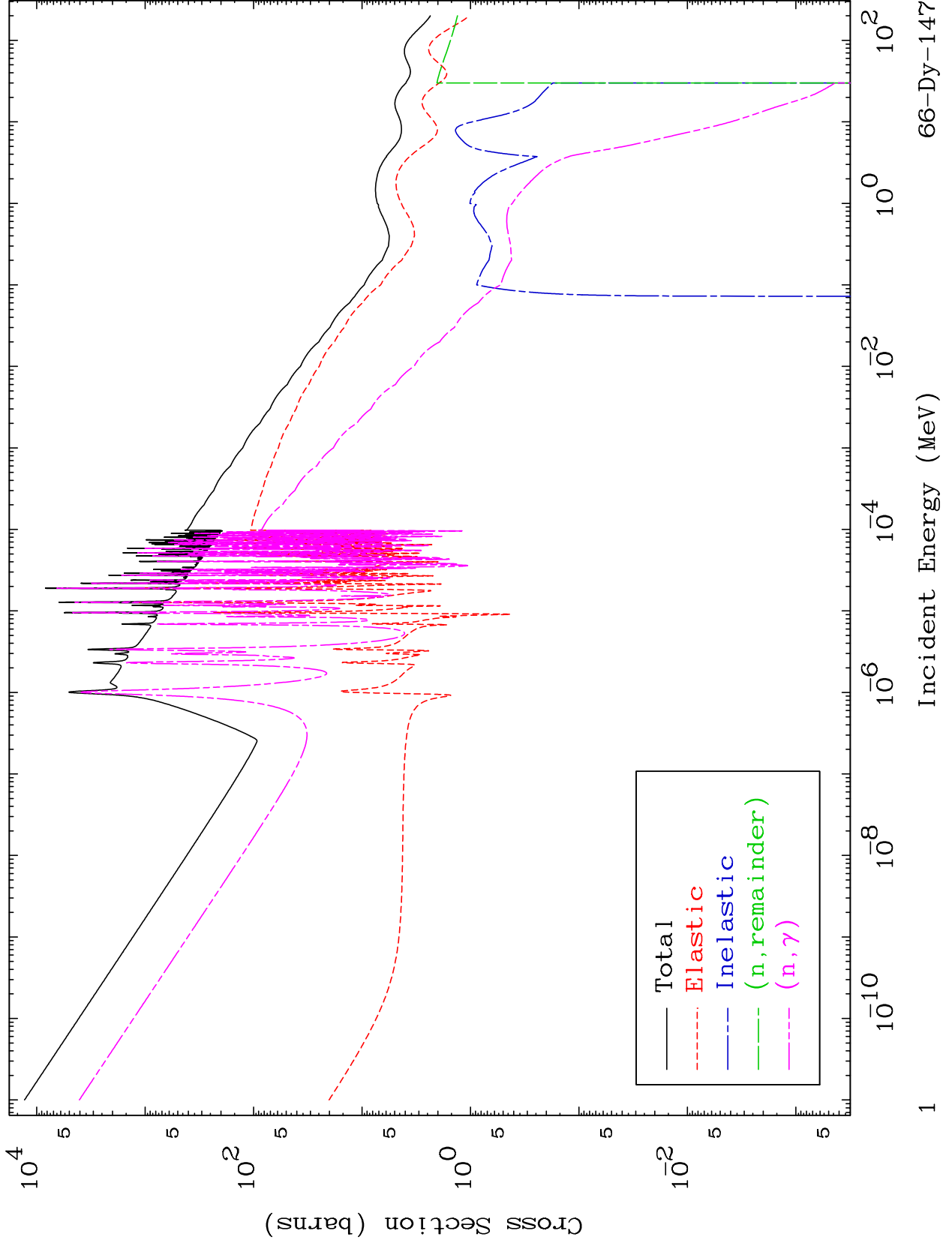
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6598

Major
293 Kelvin Cross Sections

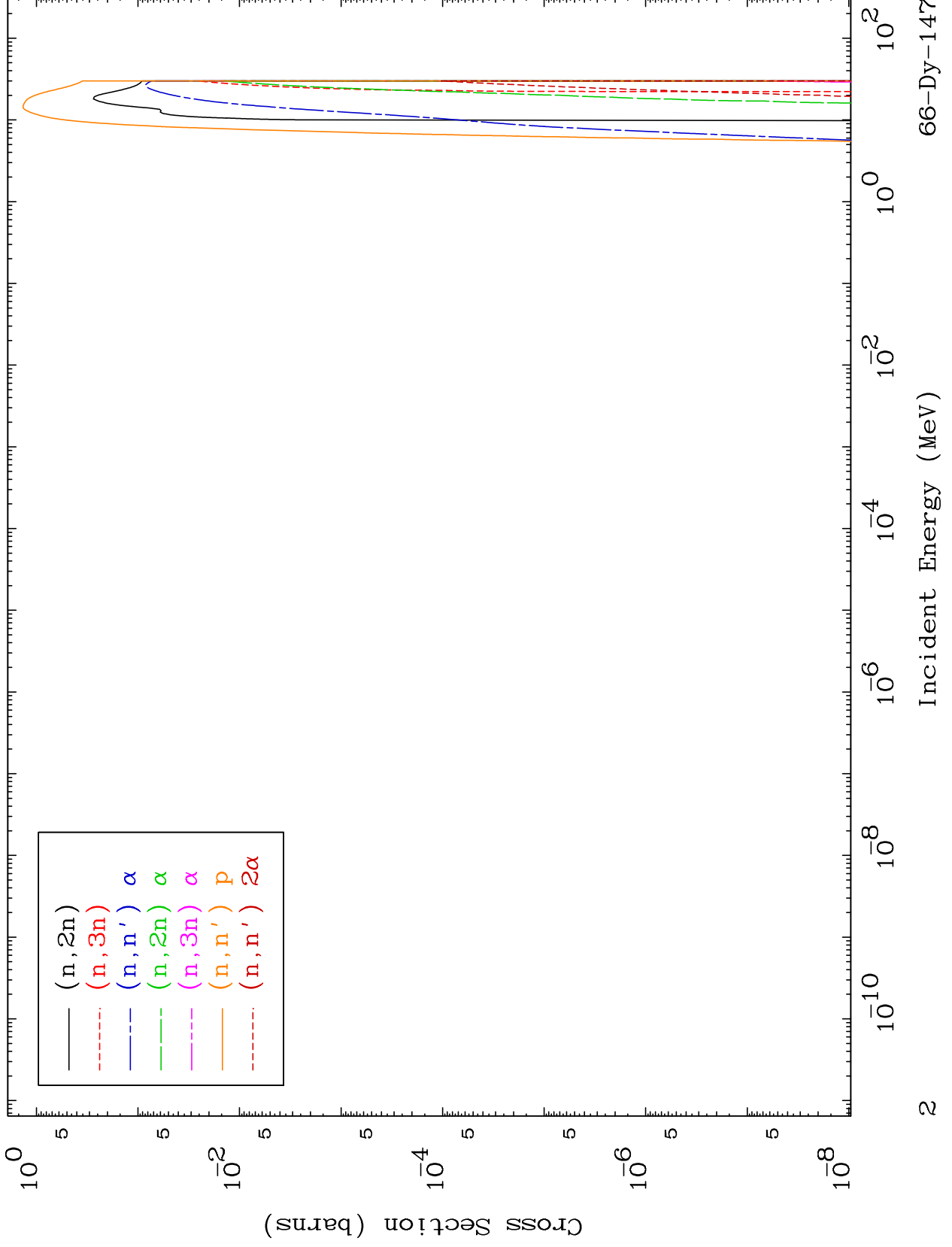
66-Dy-147

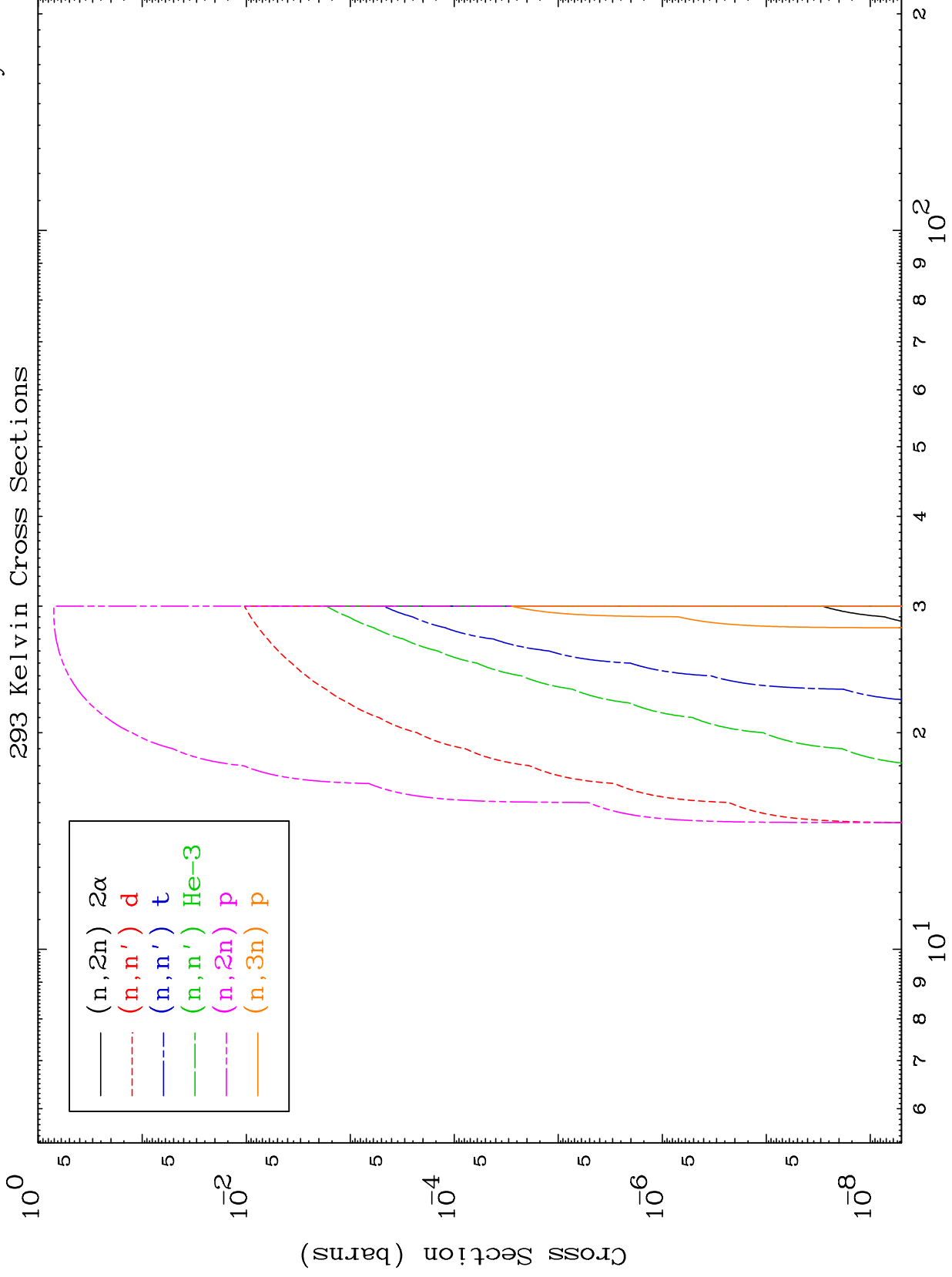


MAT 6598

Neutron Production
293 Kelvin Cross Sections

66-Dy-147

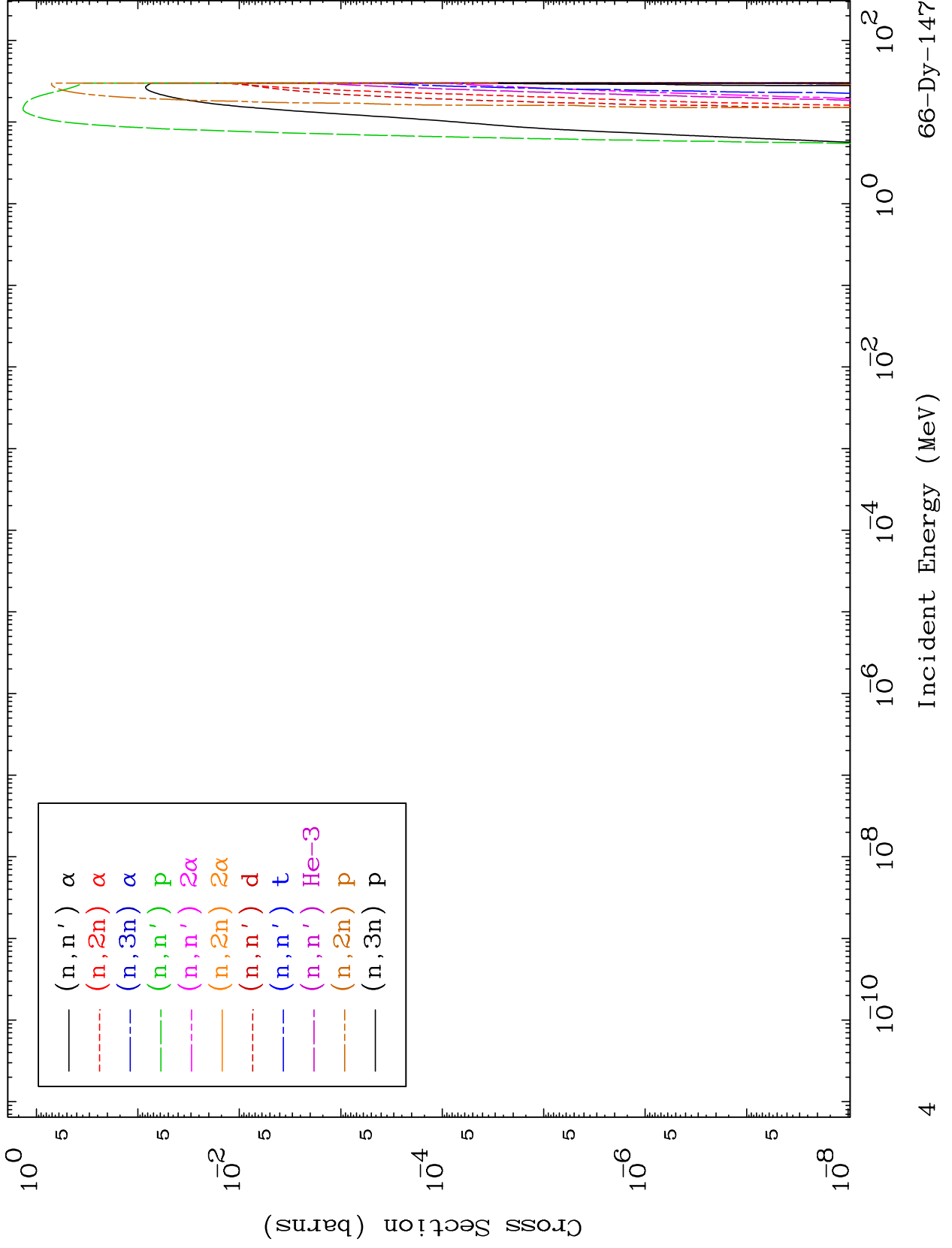




MAT 6598

Charged Particle
293 Kelvin Cross Sections

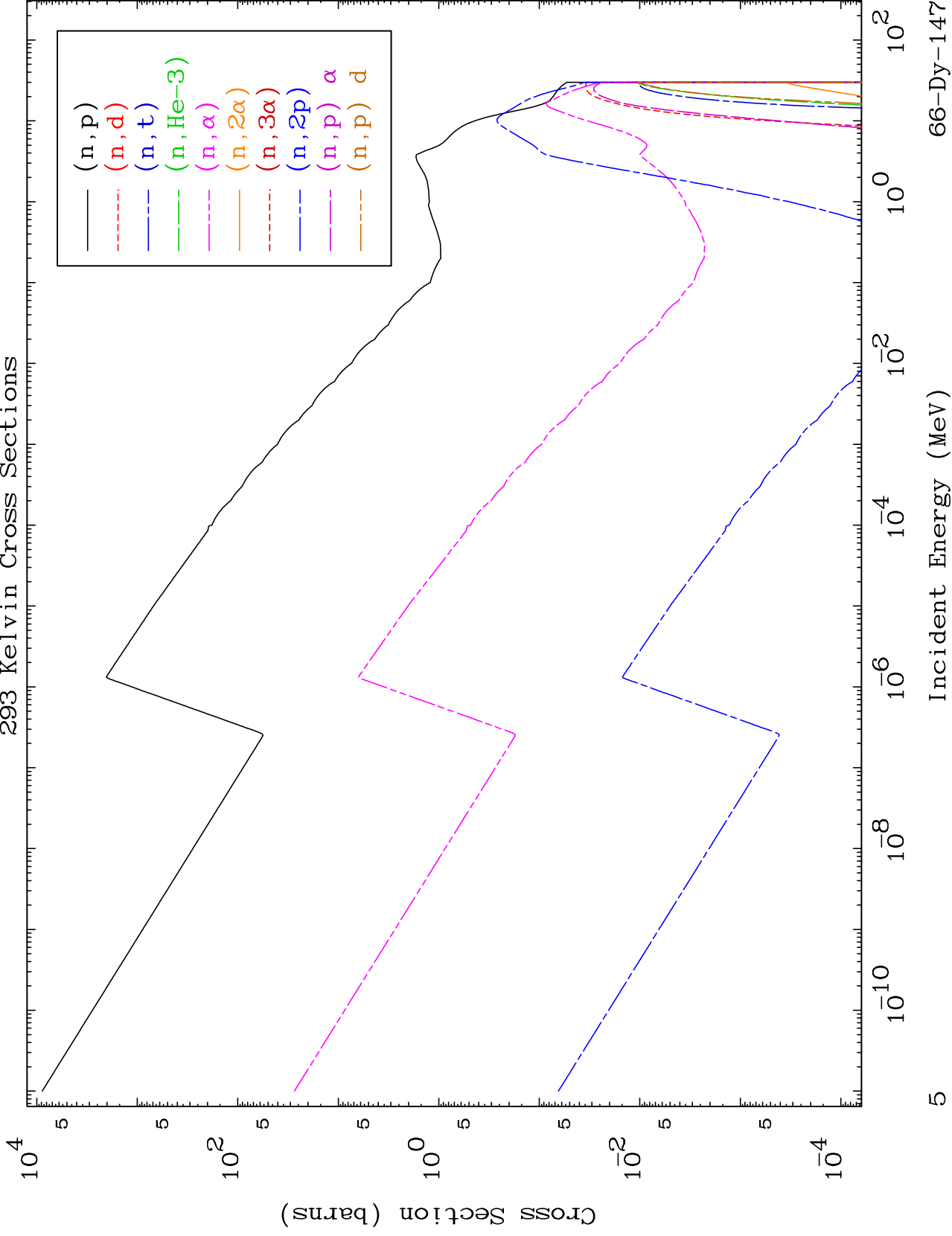
66-Dy-147



MAT 6598

Charged Particle
293 Kelvin Cross Sections

66-Dy-147



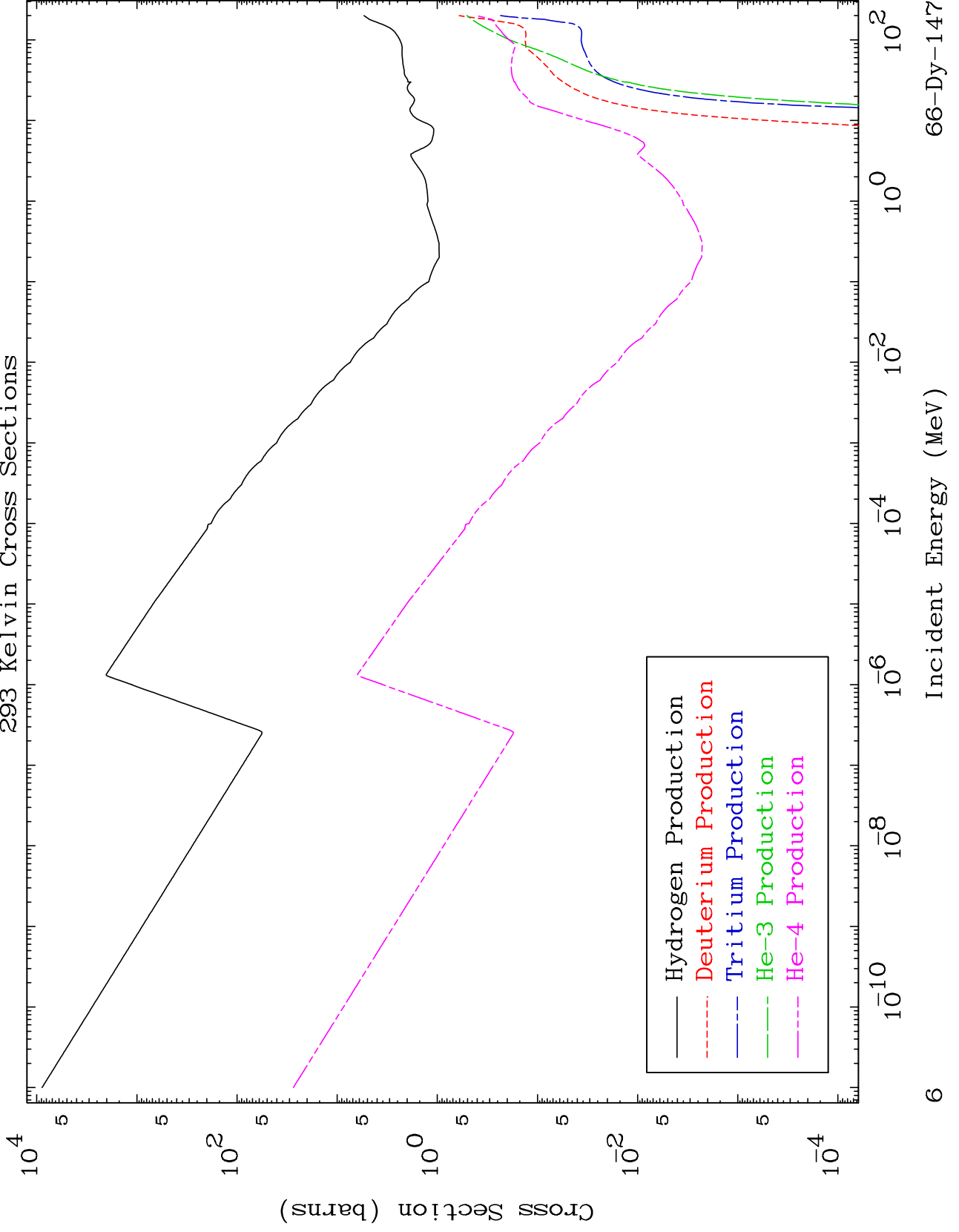
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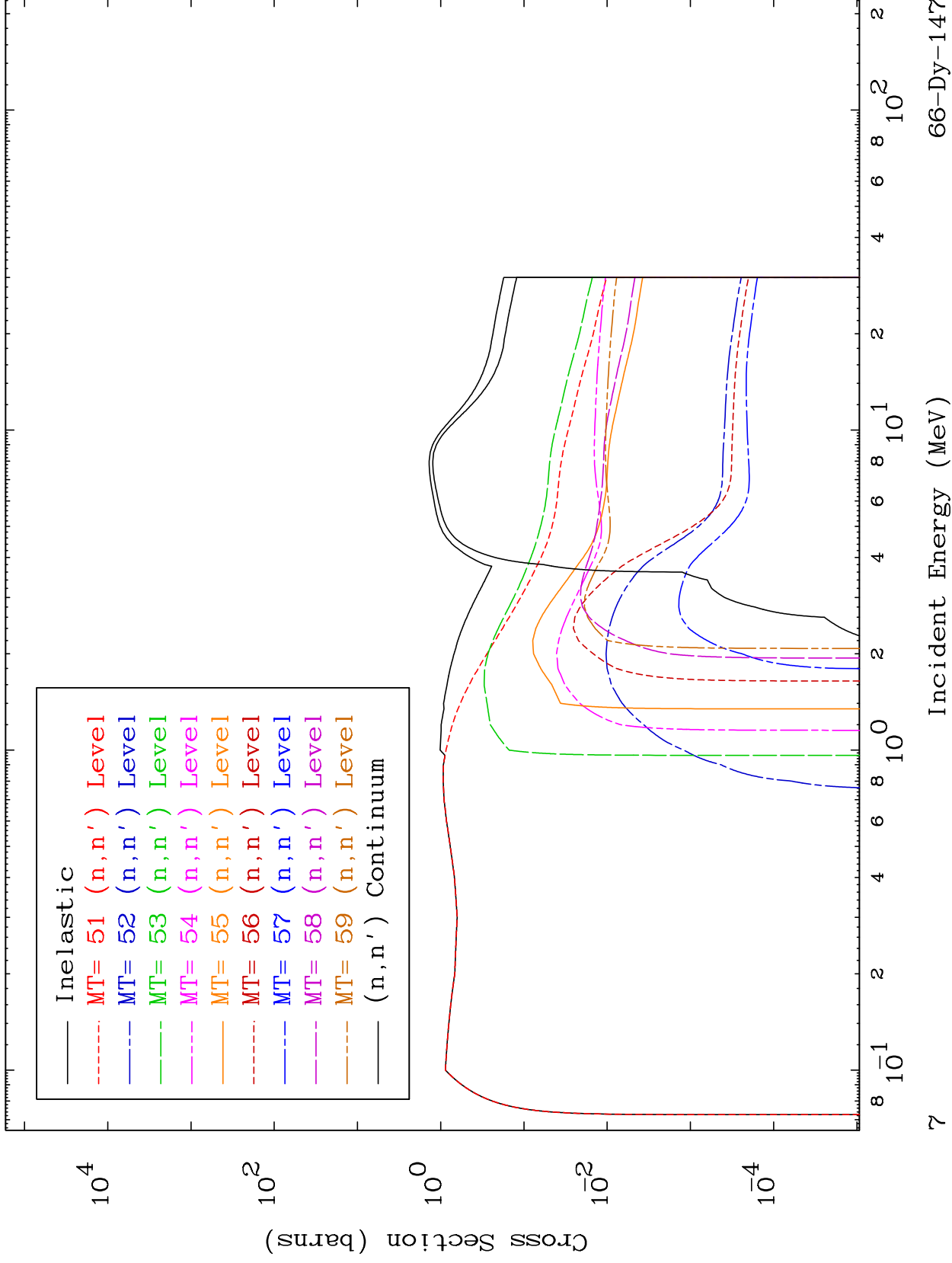
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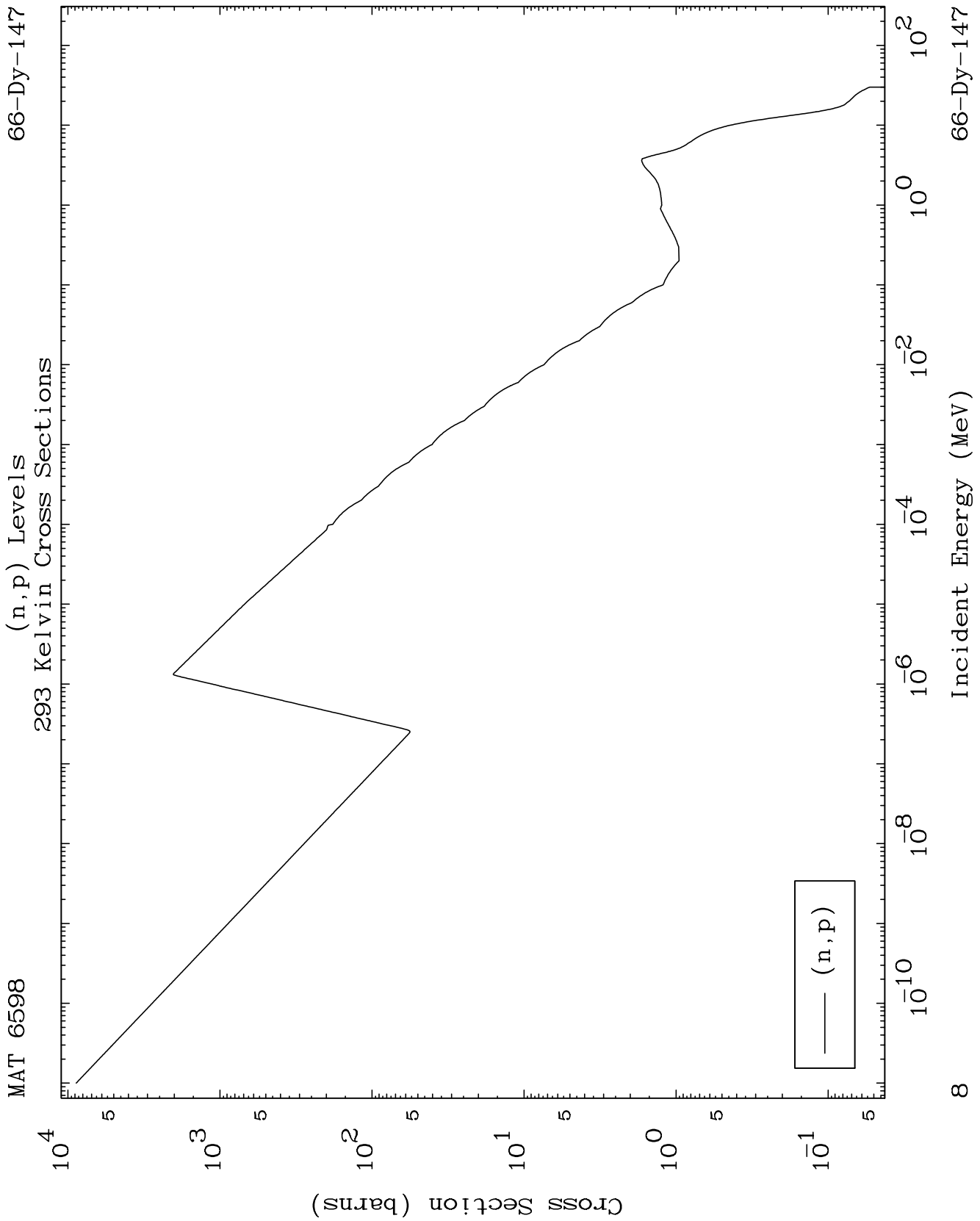
MAT 6598

Particle Production
293 Kelvin Cross Sections

66-Dy-147



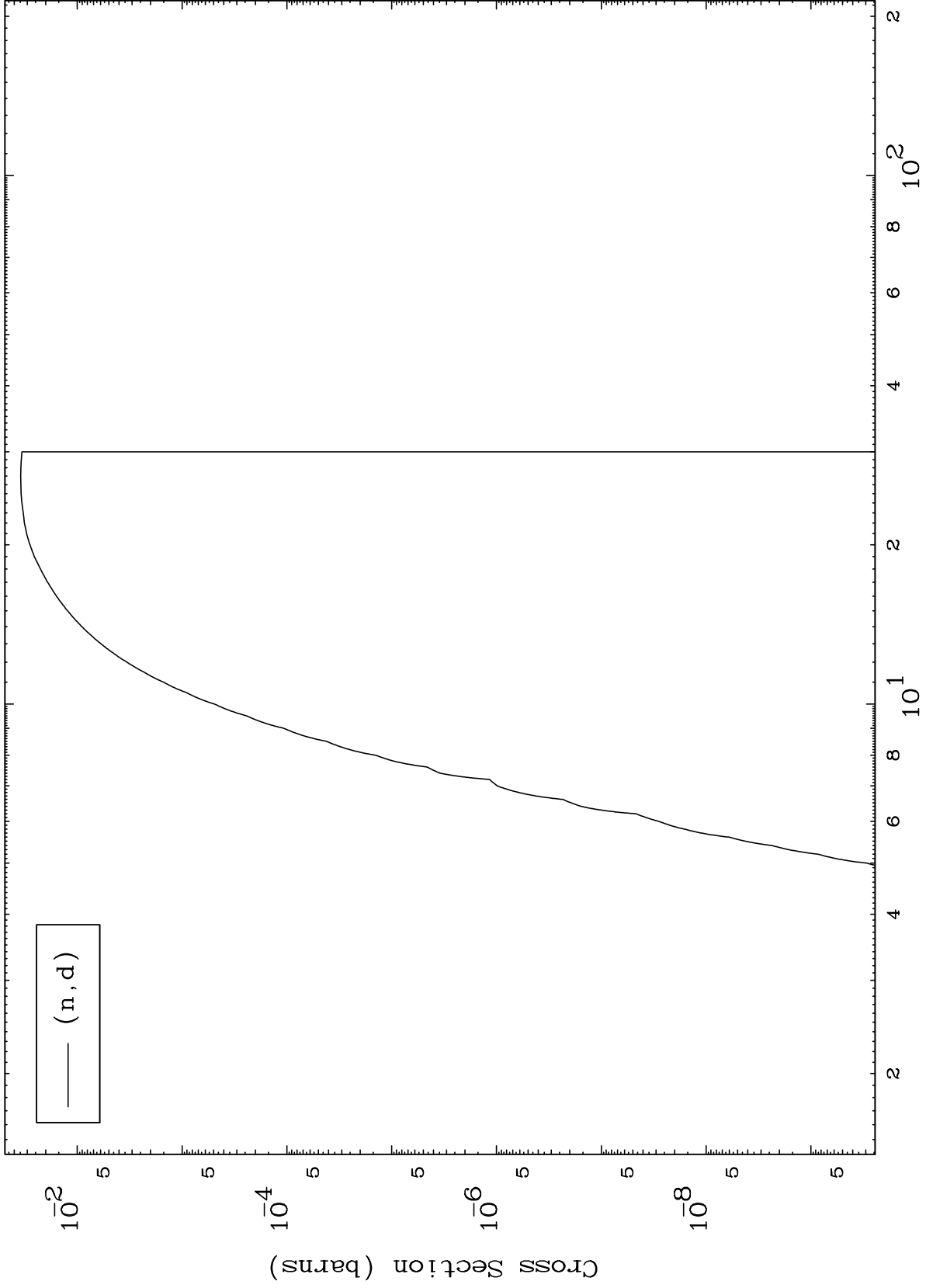




MAT 6598

(n,d) Levels
293 Kelvin Cross Sections

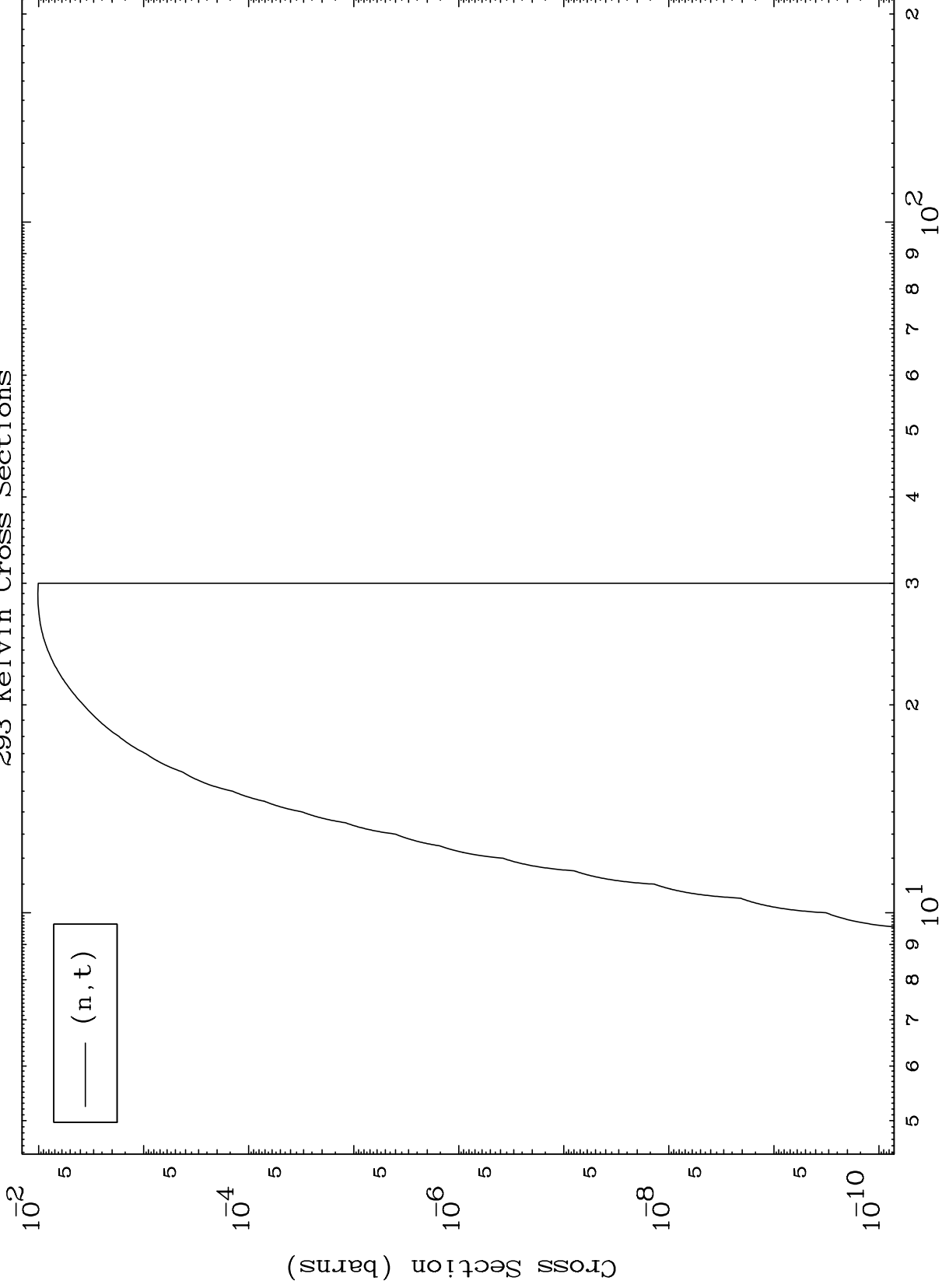
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MAT 6598

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-147



10

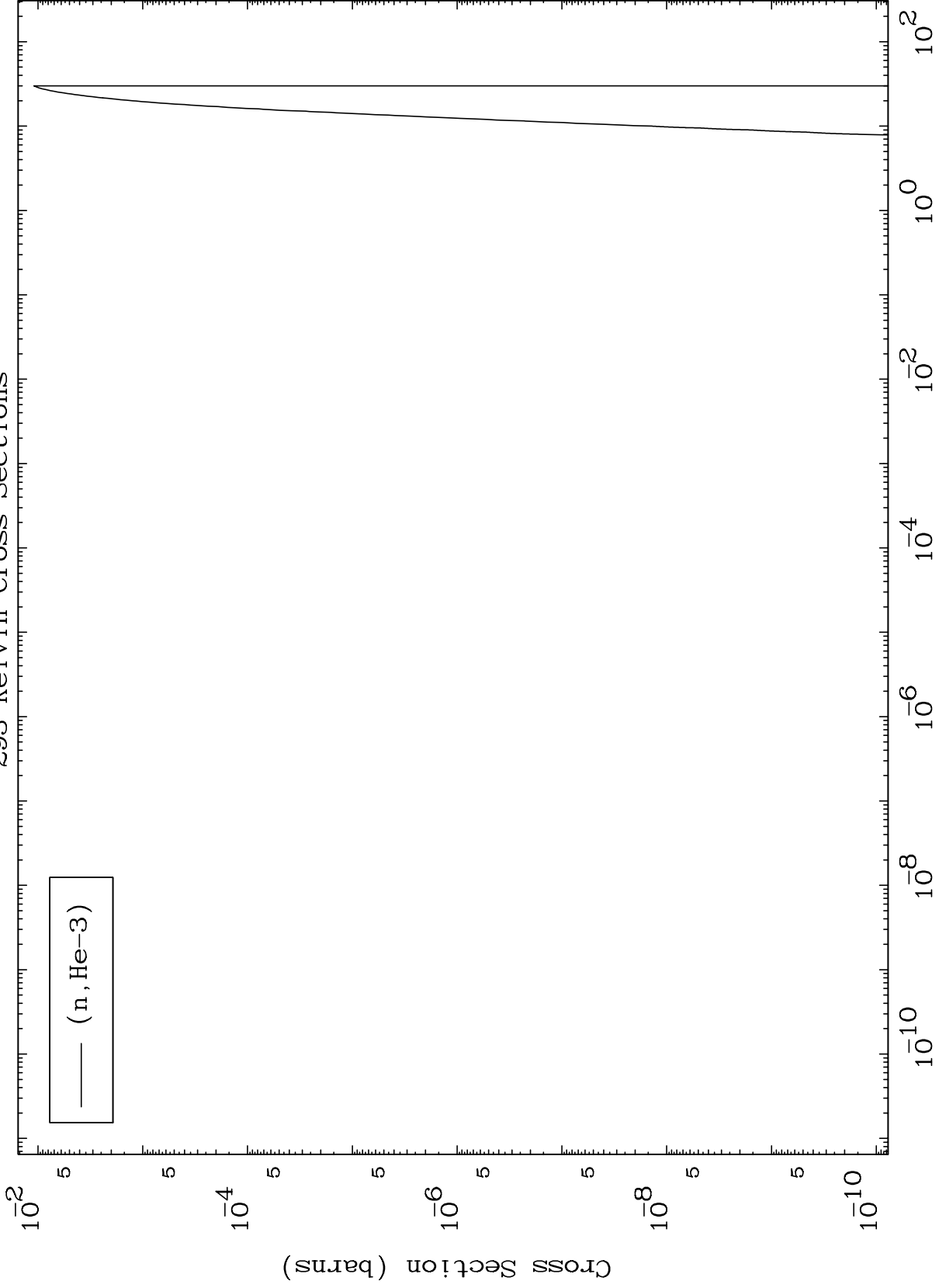
Incident Energy (MeV)

66-Dy-147

MAT 6598

(n,He3) Levels
293 Kelvin Cross Sections

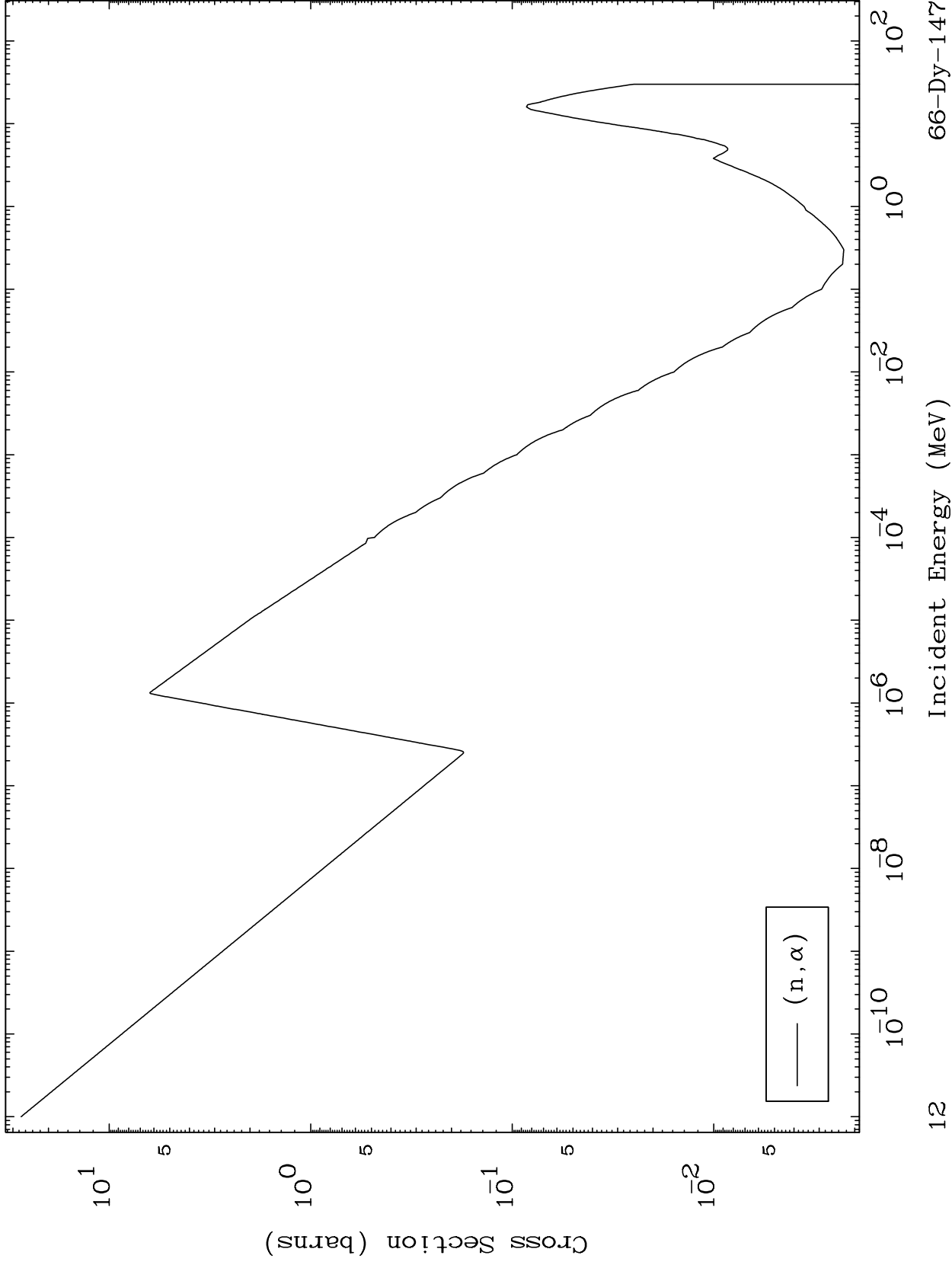
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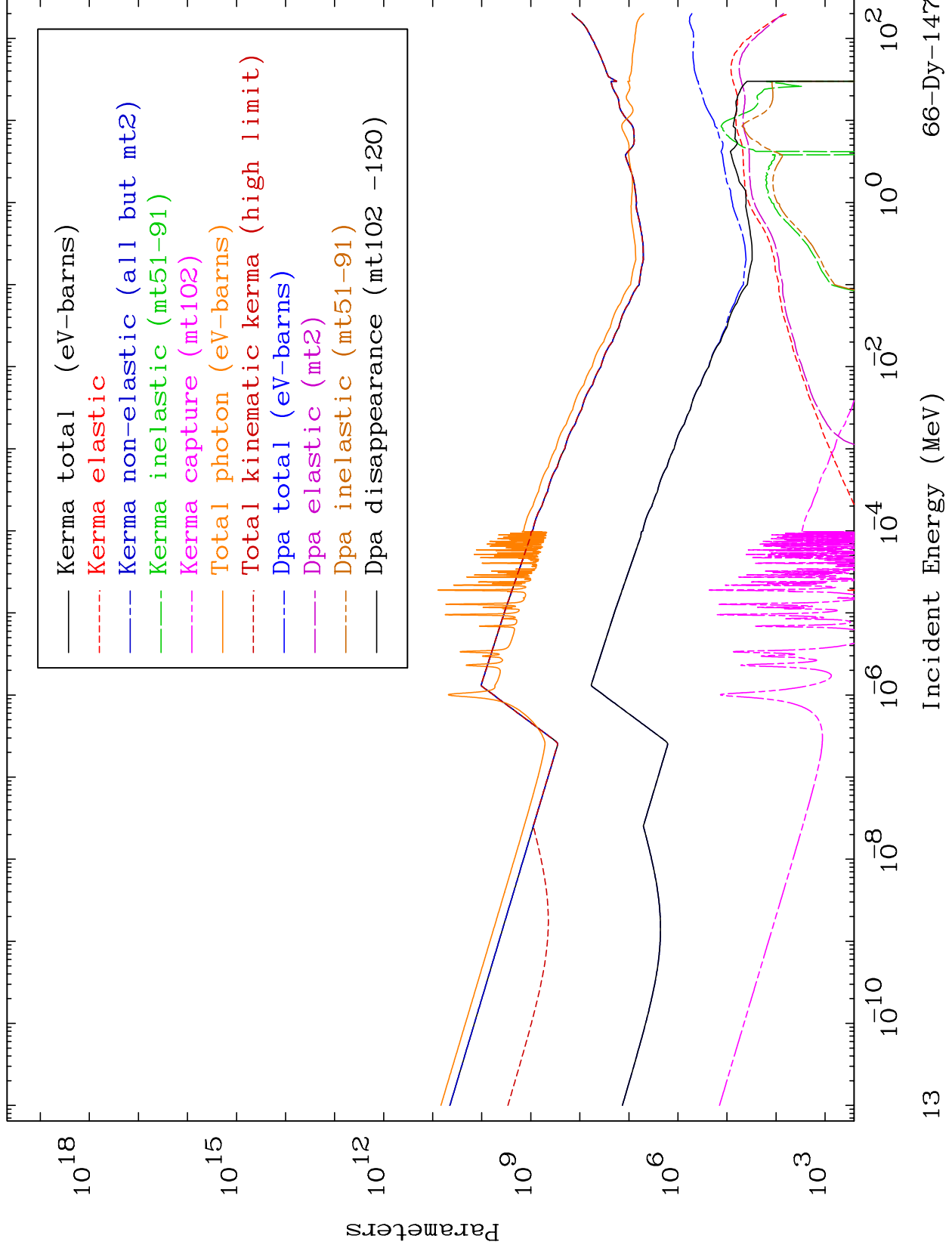


MAT 6598

(n, α) Levels
293 Kelvin Cross Sections

66-Dy-147

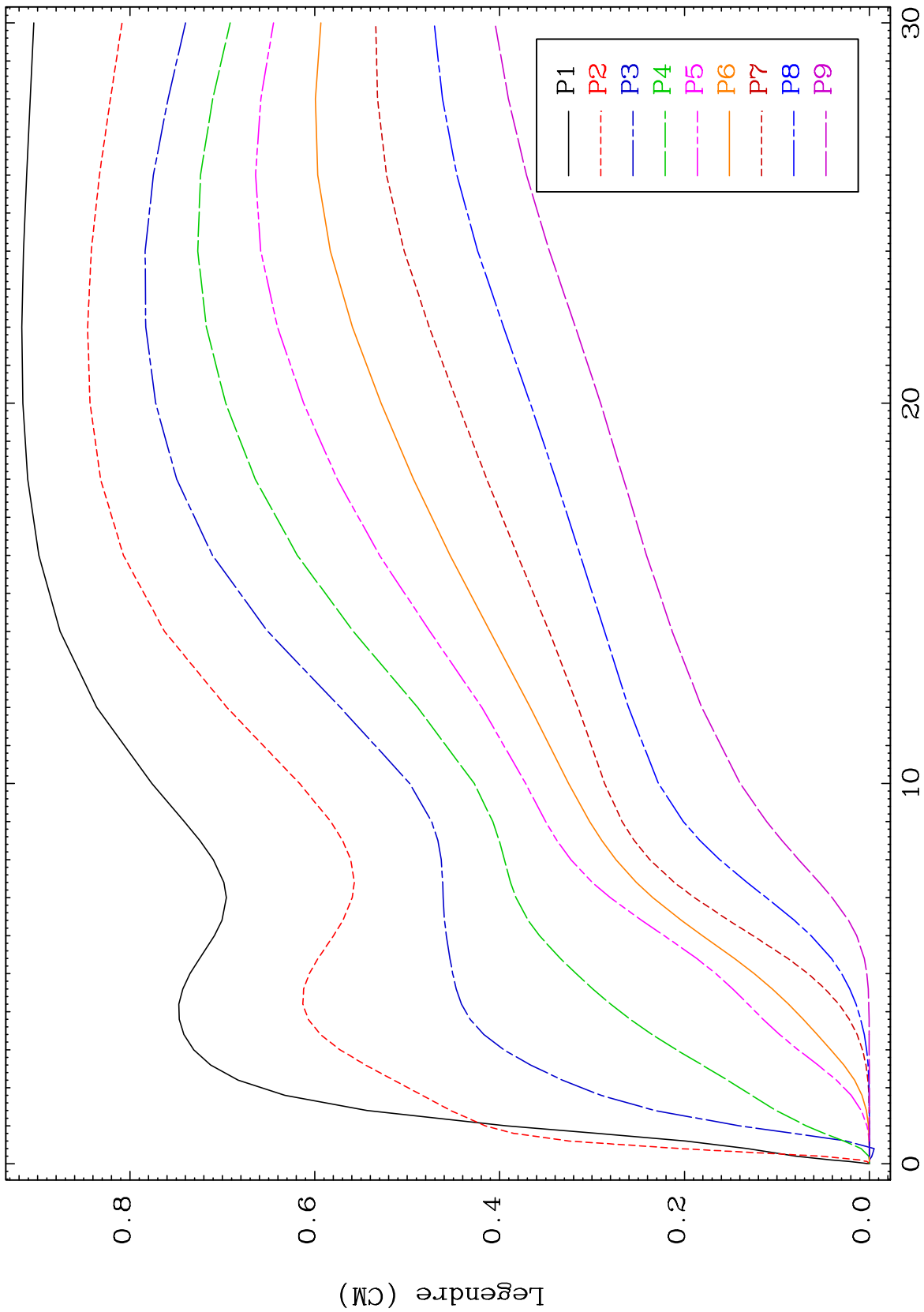




MAT 6598

Elastic Legendre Coefficients

66-Dy-147



14

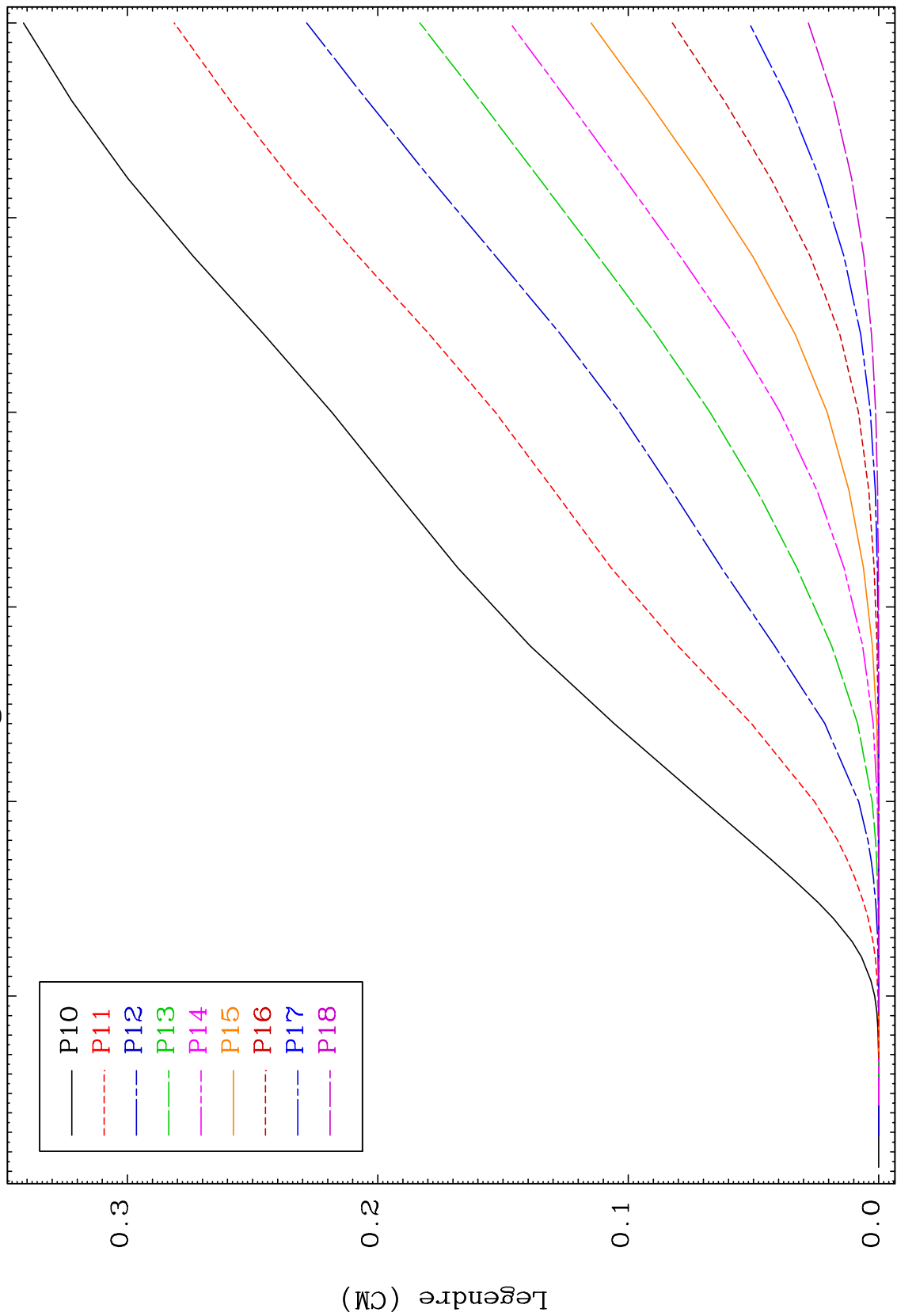
Incident Energy (MeV)

66-Dy-147

MAT 6598

Elastic Legendre Coefficients

66-Dy-147



15

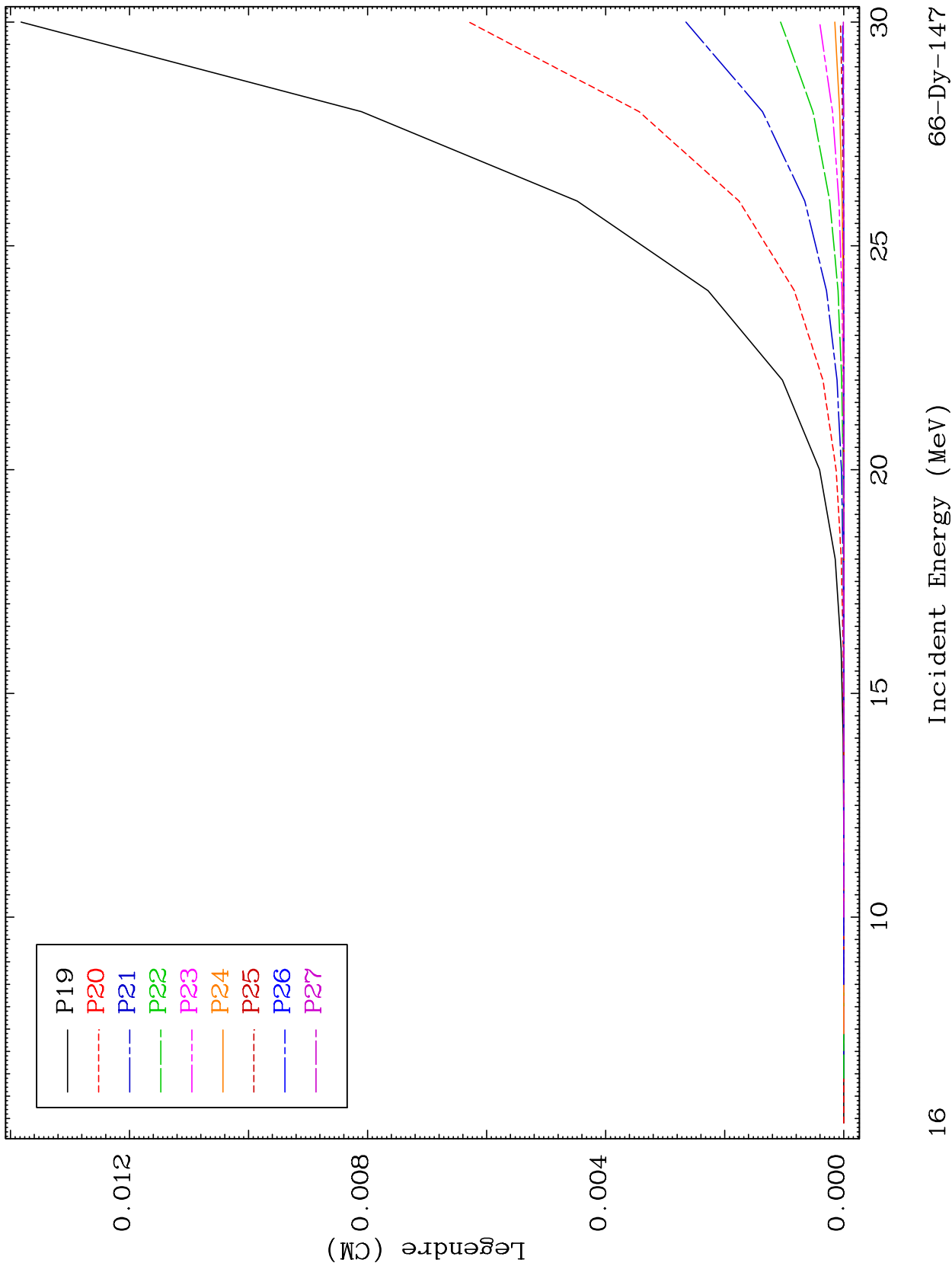
Incident Energy (MeV)

66-Dy-147

MAT 6598

Elastic Legendre Coefficients

66-Dy-147



16

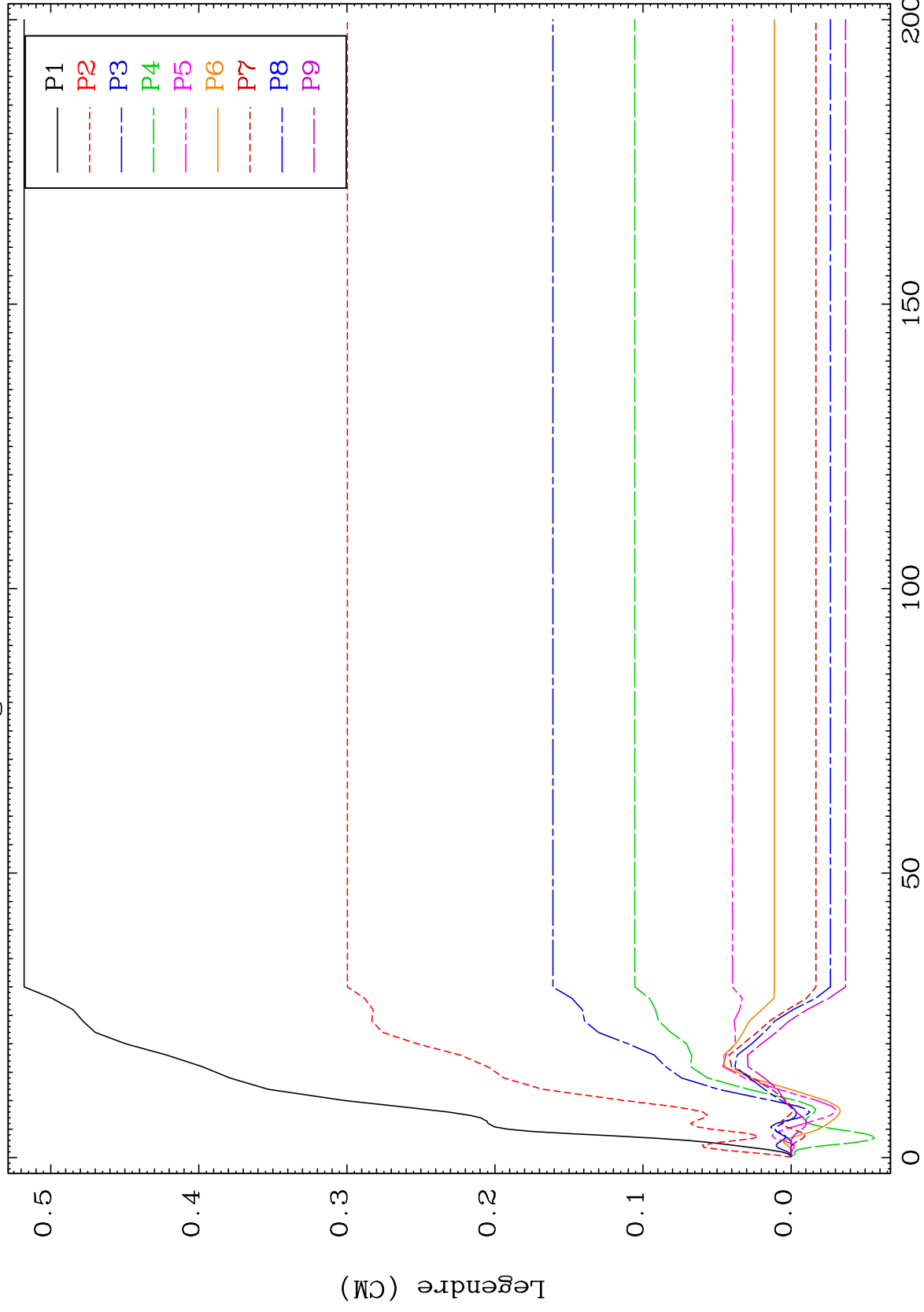
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



18

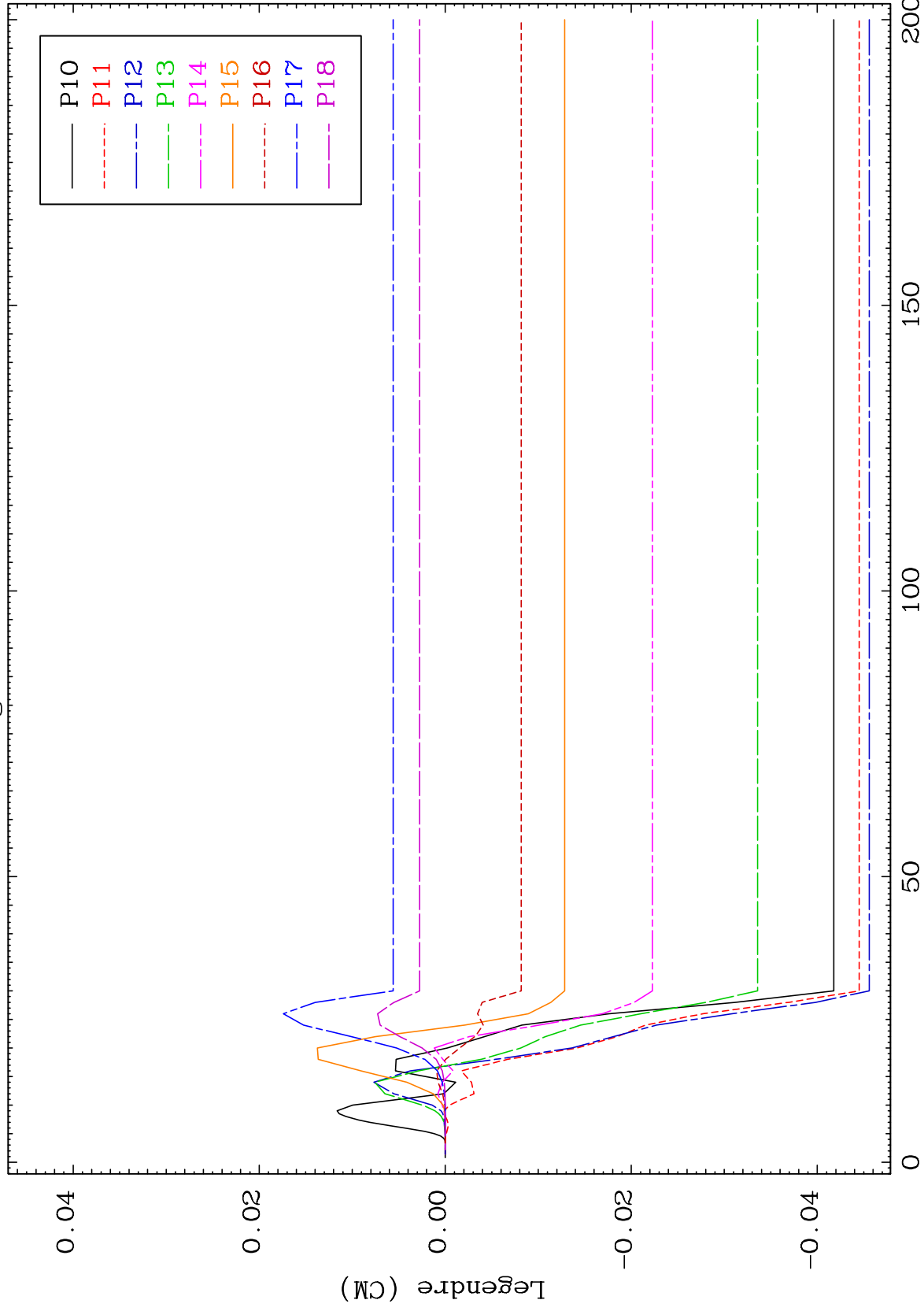
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



19

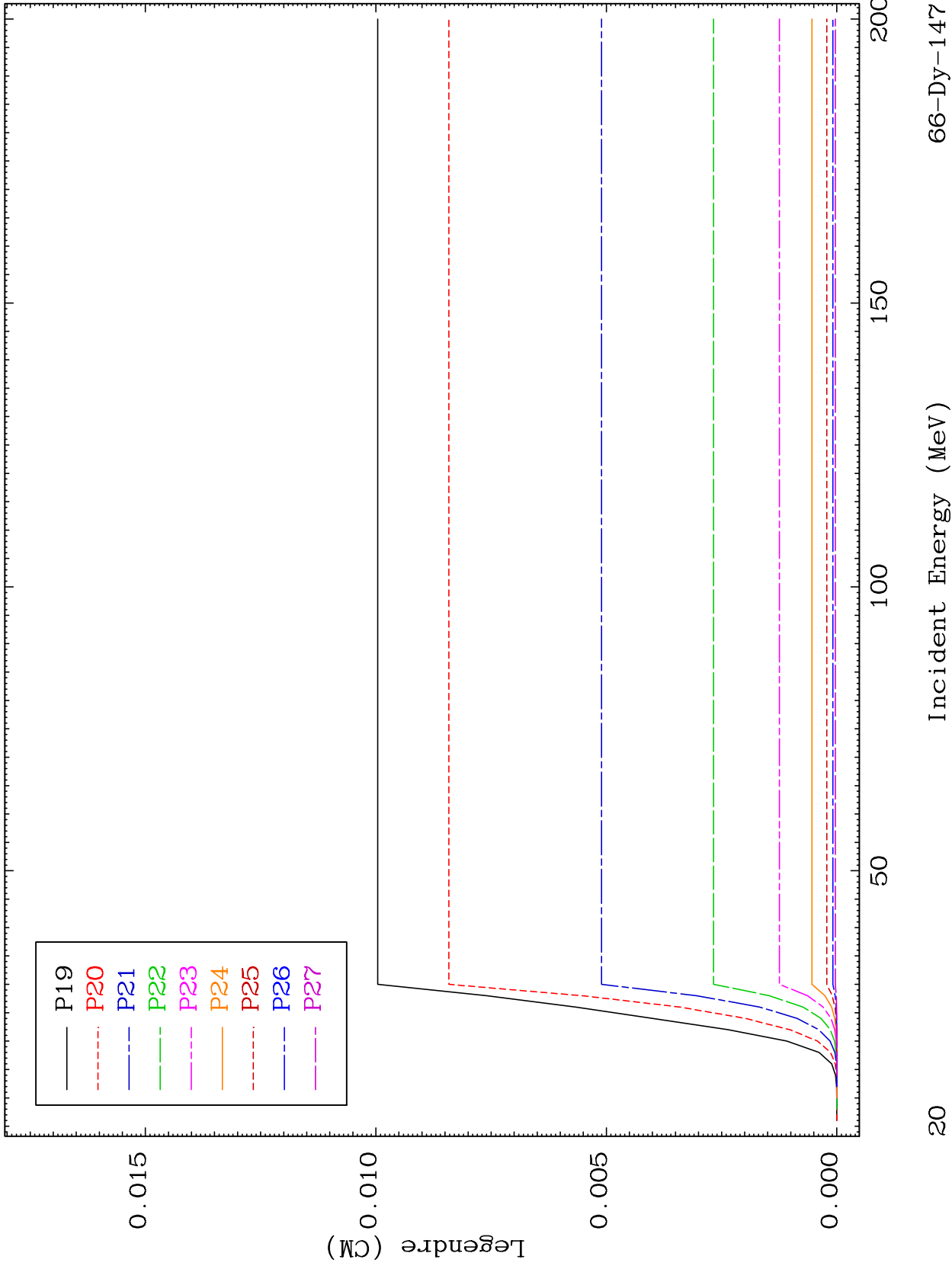
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



20

Incident Energy (MeV)

50

100

150

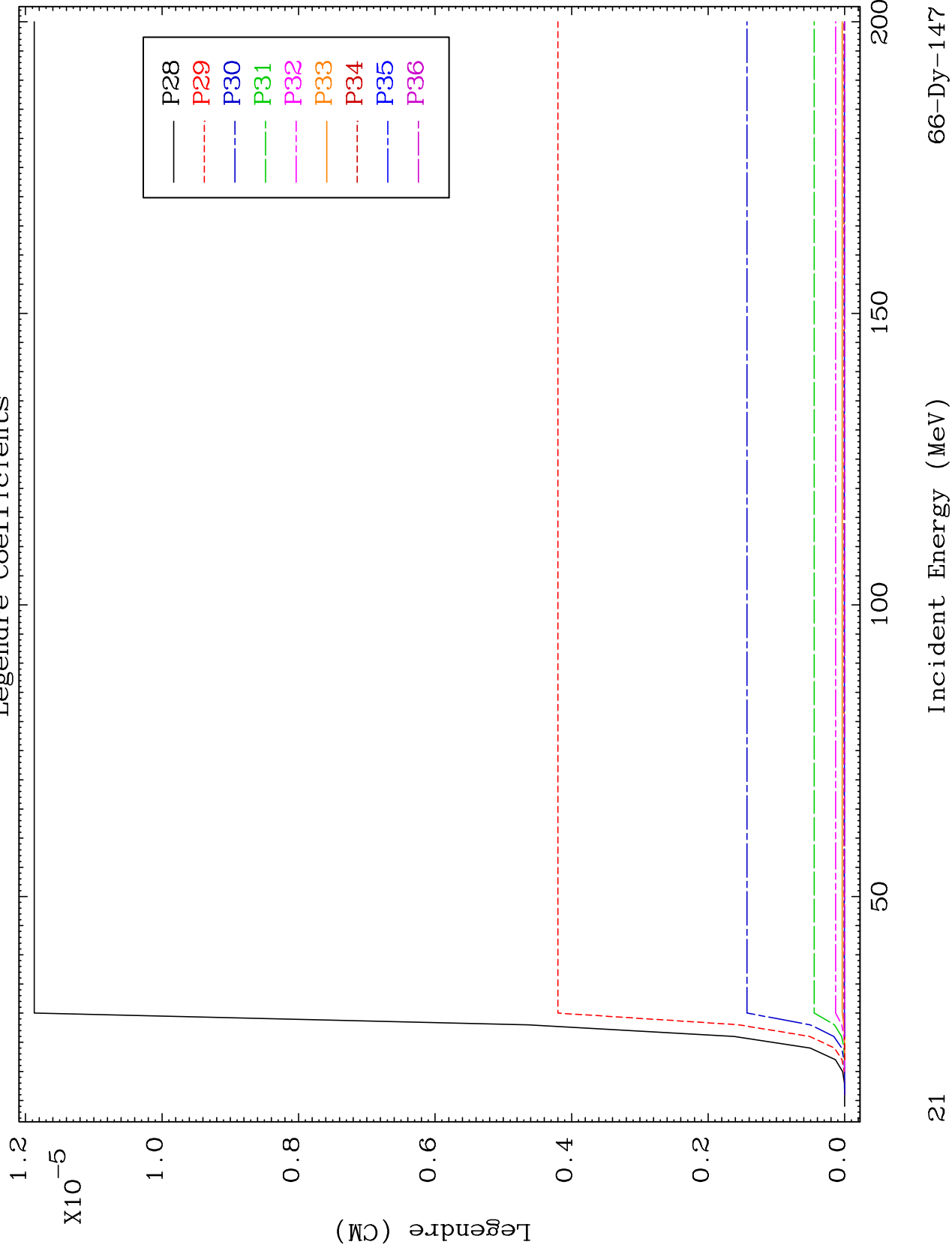
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66-Dy-147

MAT 6598

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

66-Dy-147

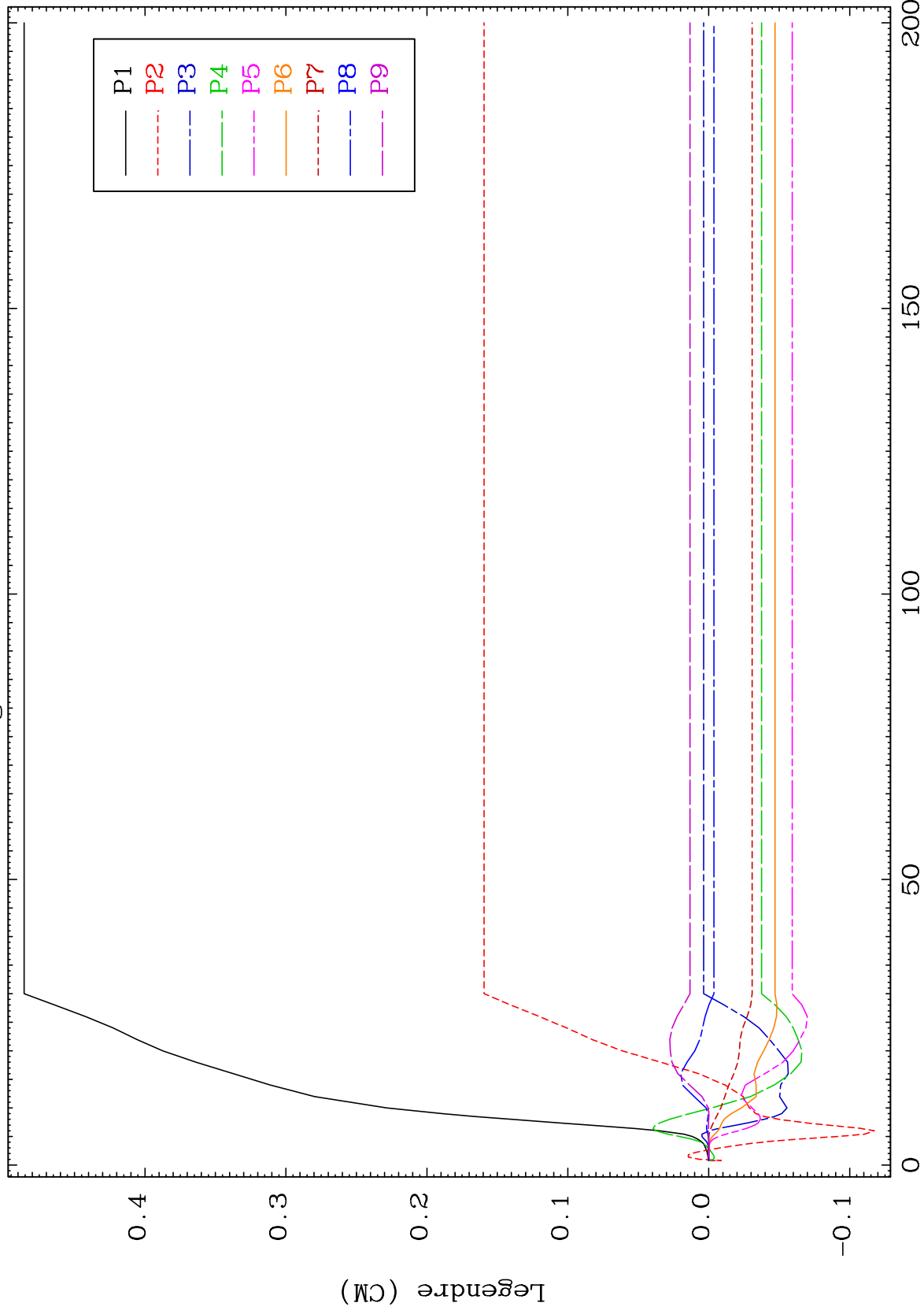


21

MAT 6598

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

66-Dy-147



22

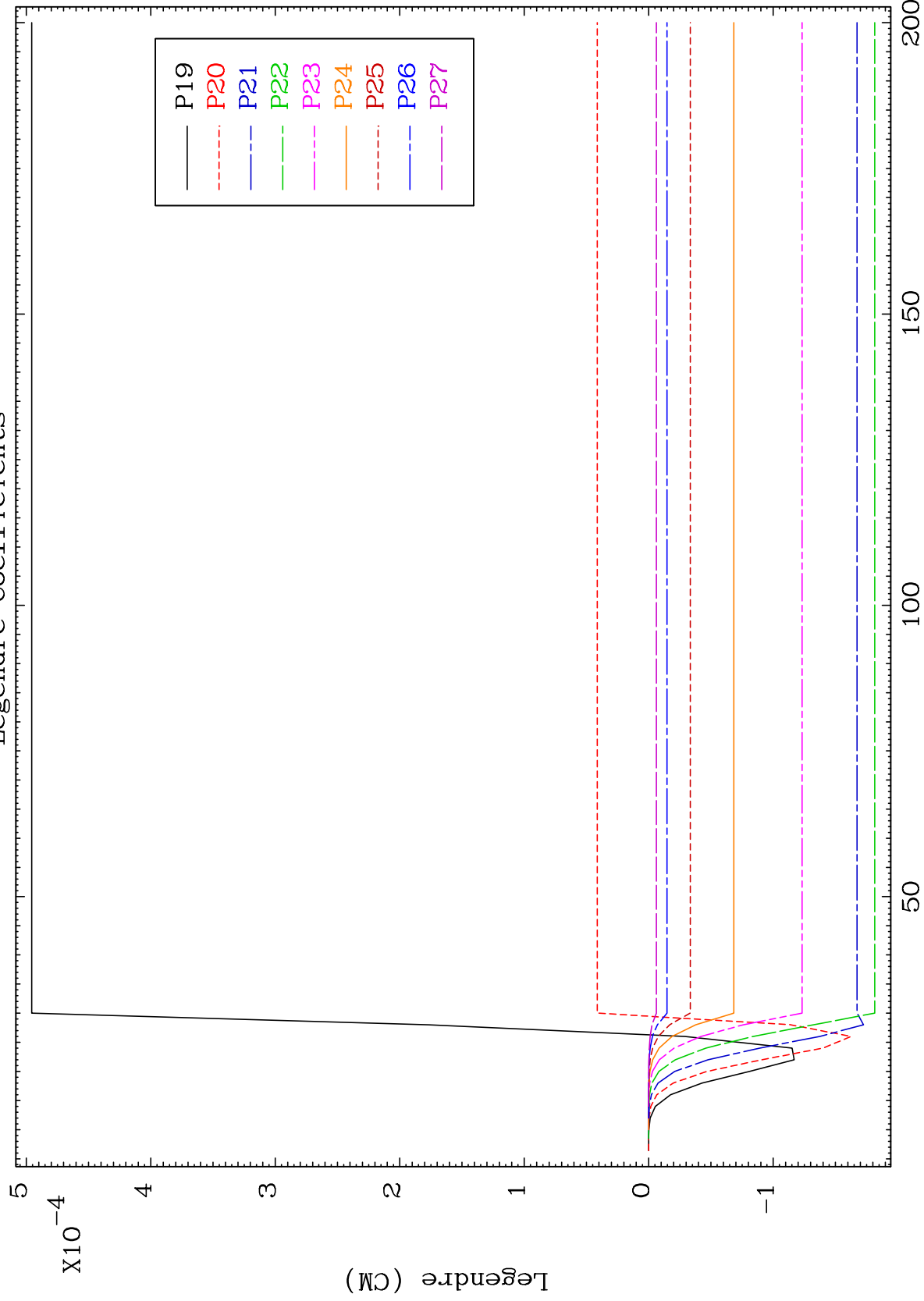
Incident Energy (MeV)

66-Dy-147

MAT 6598

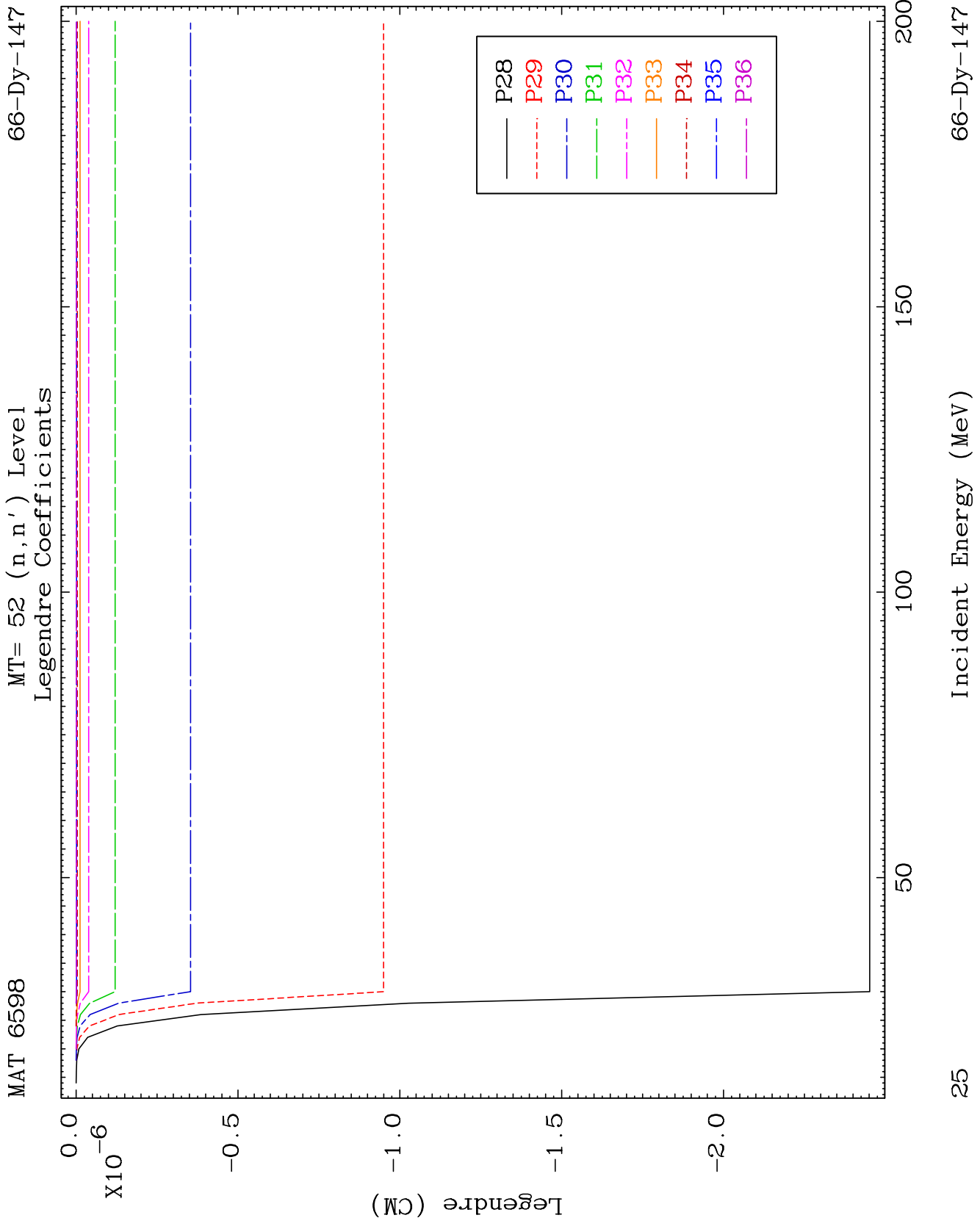
MT= 52 (n,n') Level
Legendre Coefficients

66-Dy-147



24

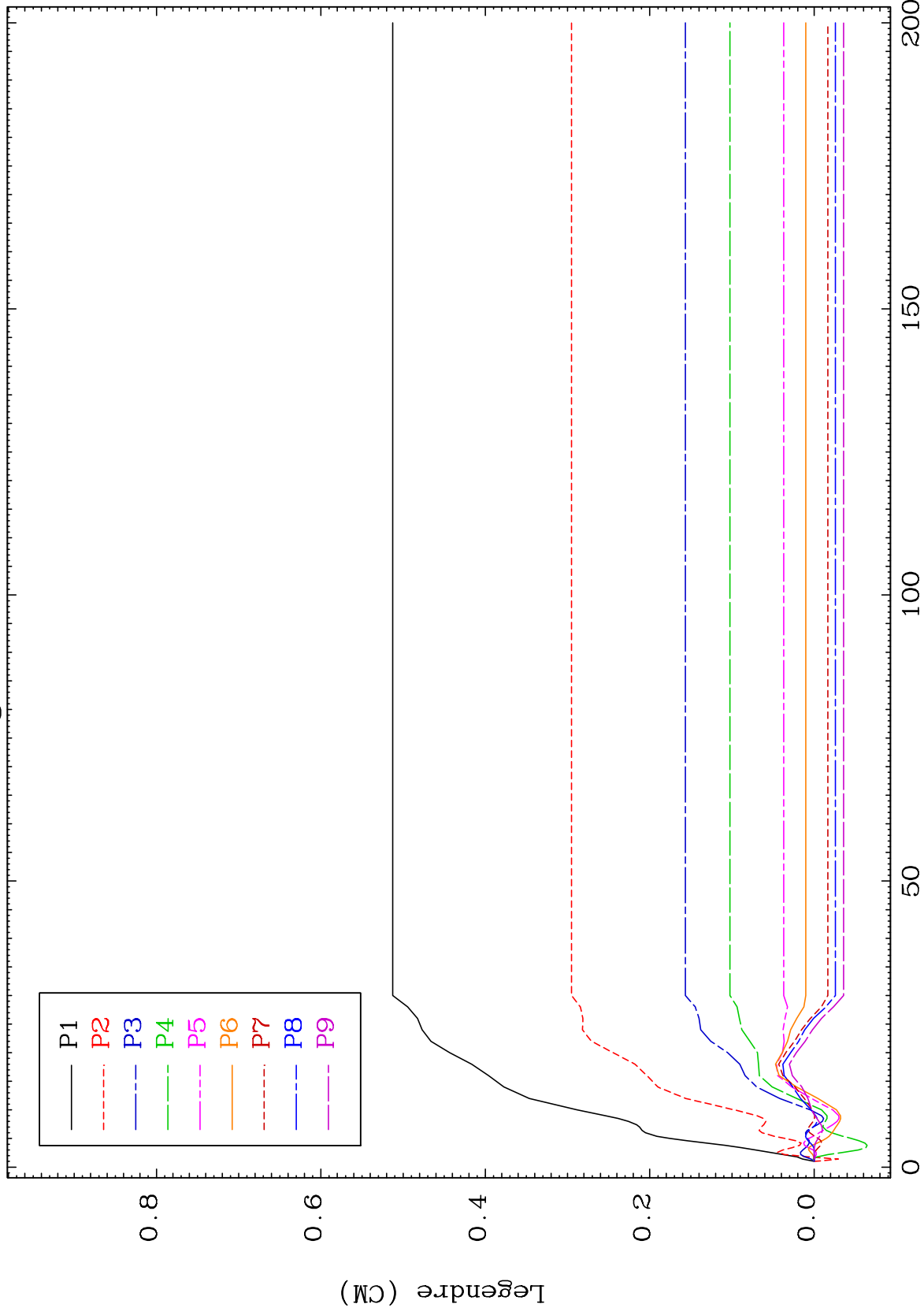
66-Dy-147



MAT 6598

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

66-Dy-147



26

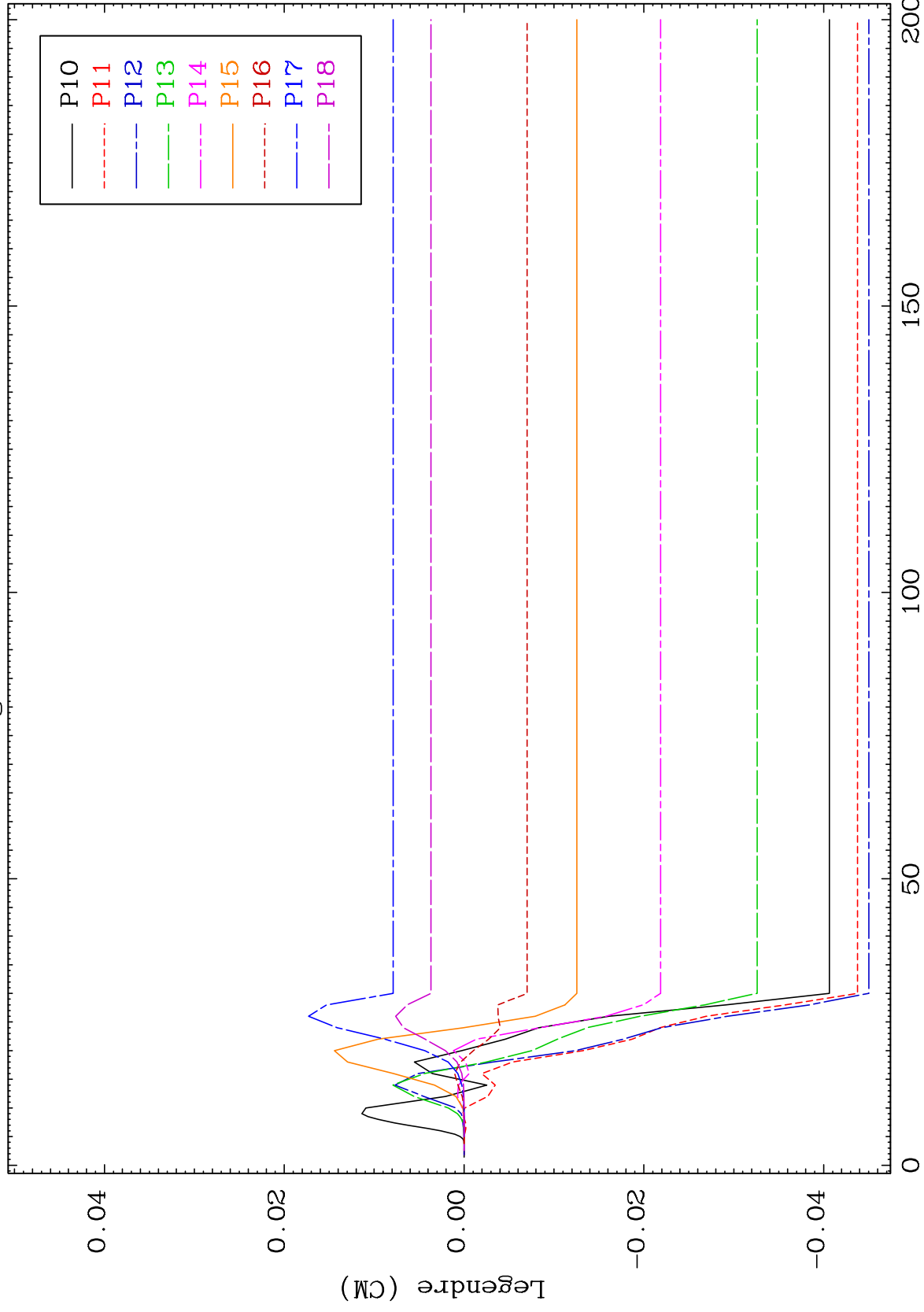
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



27

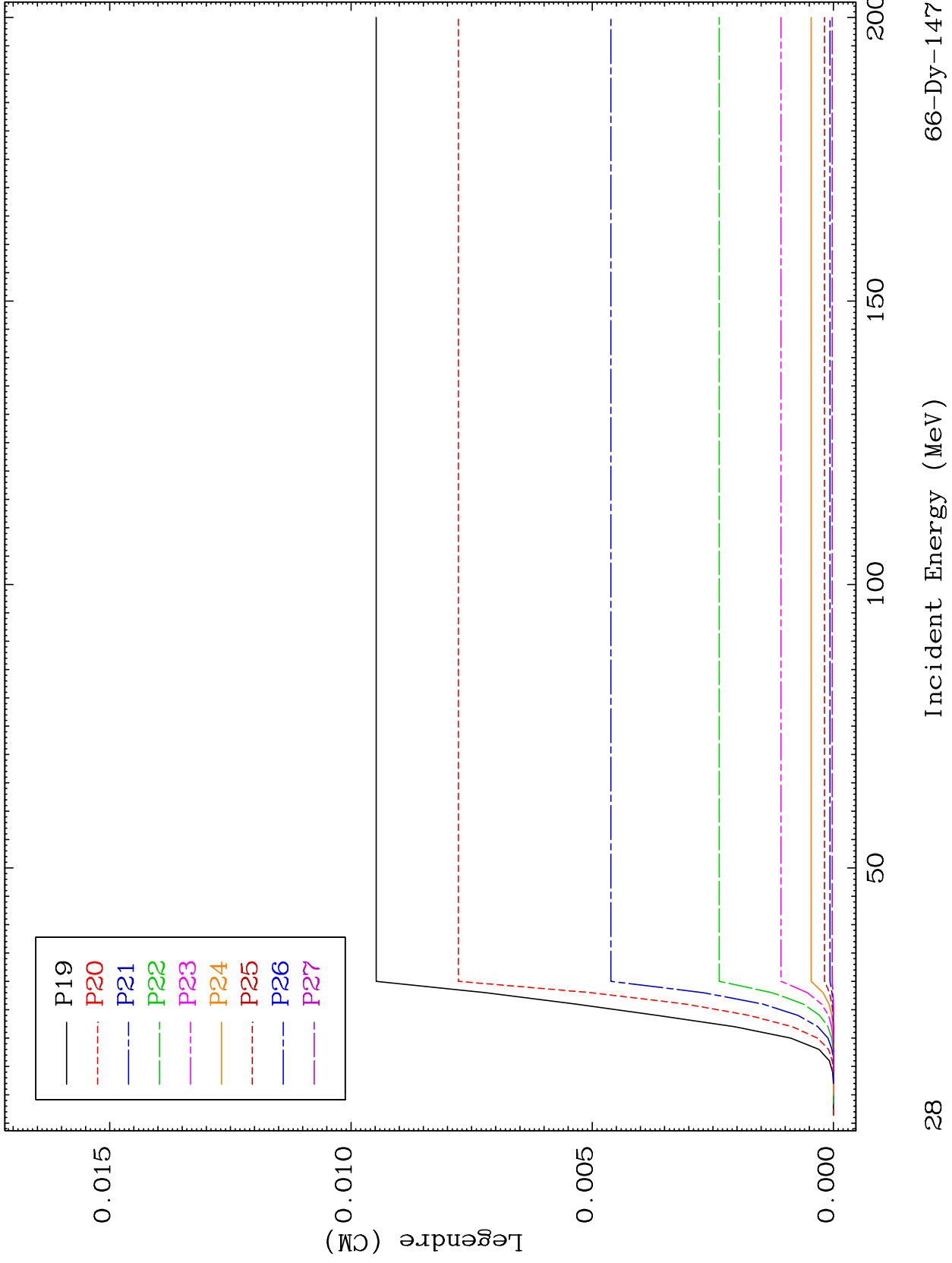
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



28

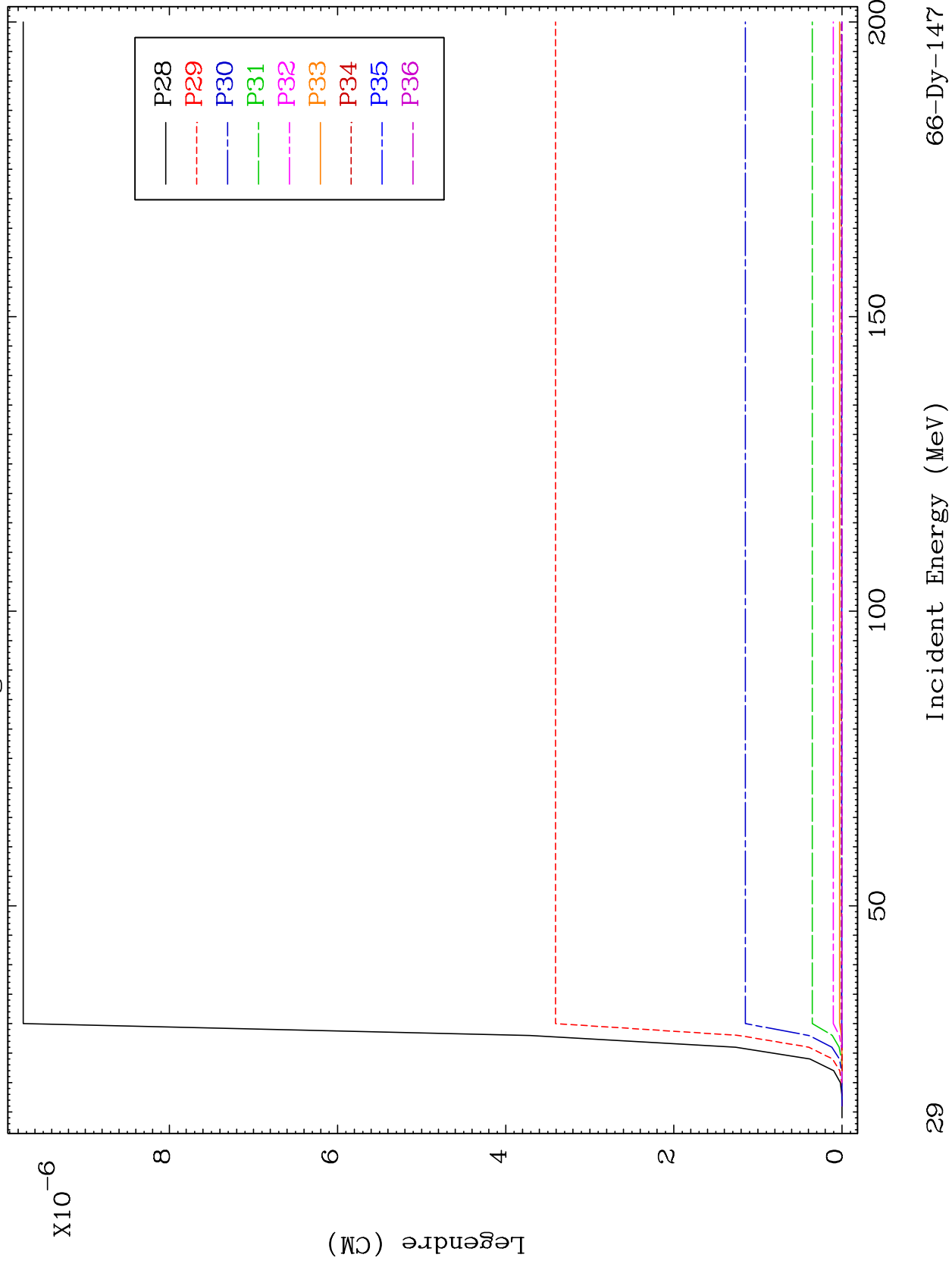
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

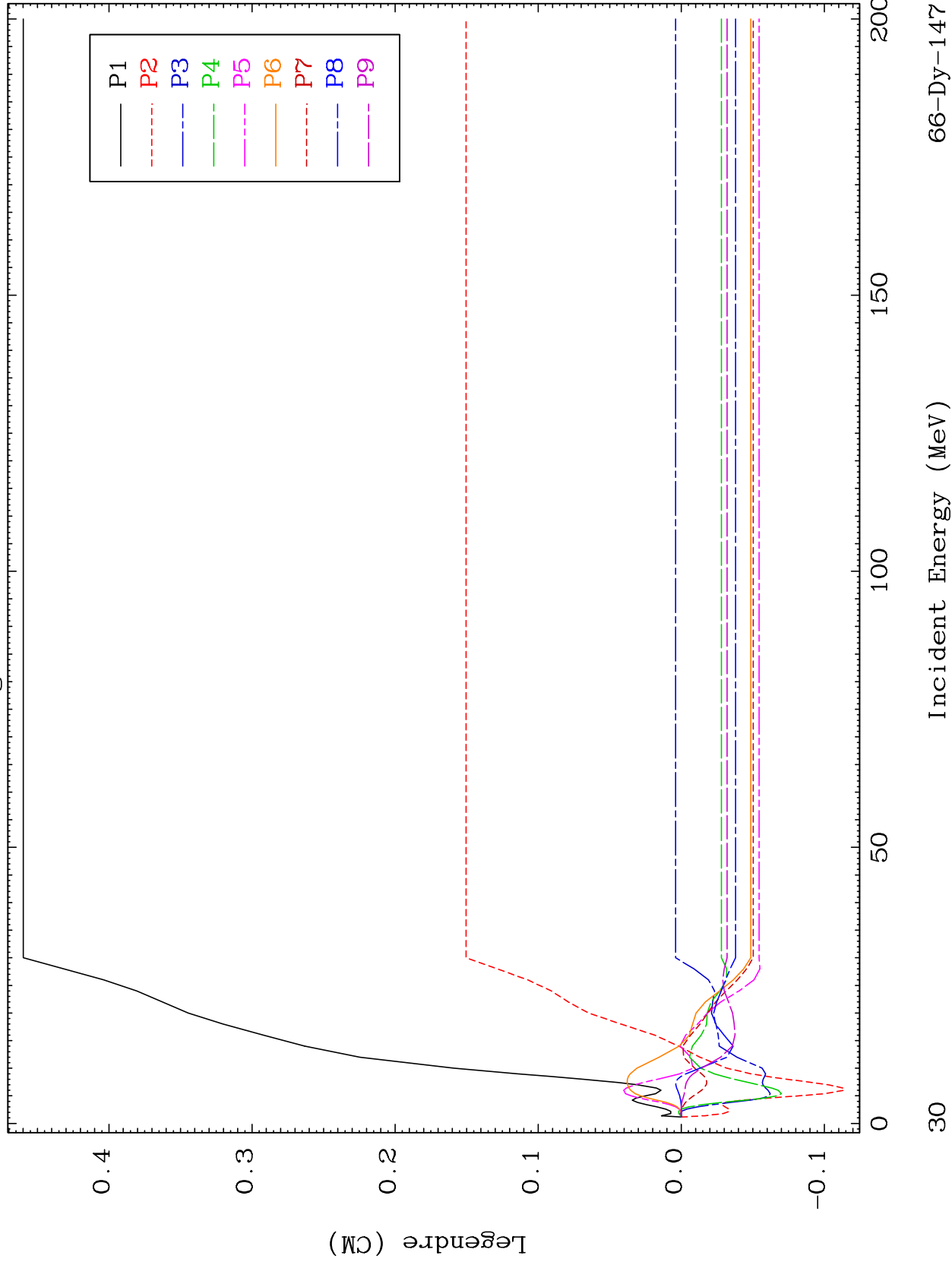
66-Dy-147



MAT 6598

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

66-Dy-147

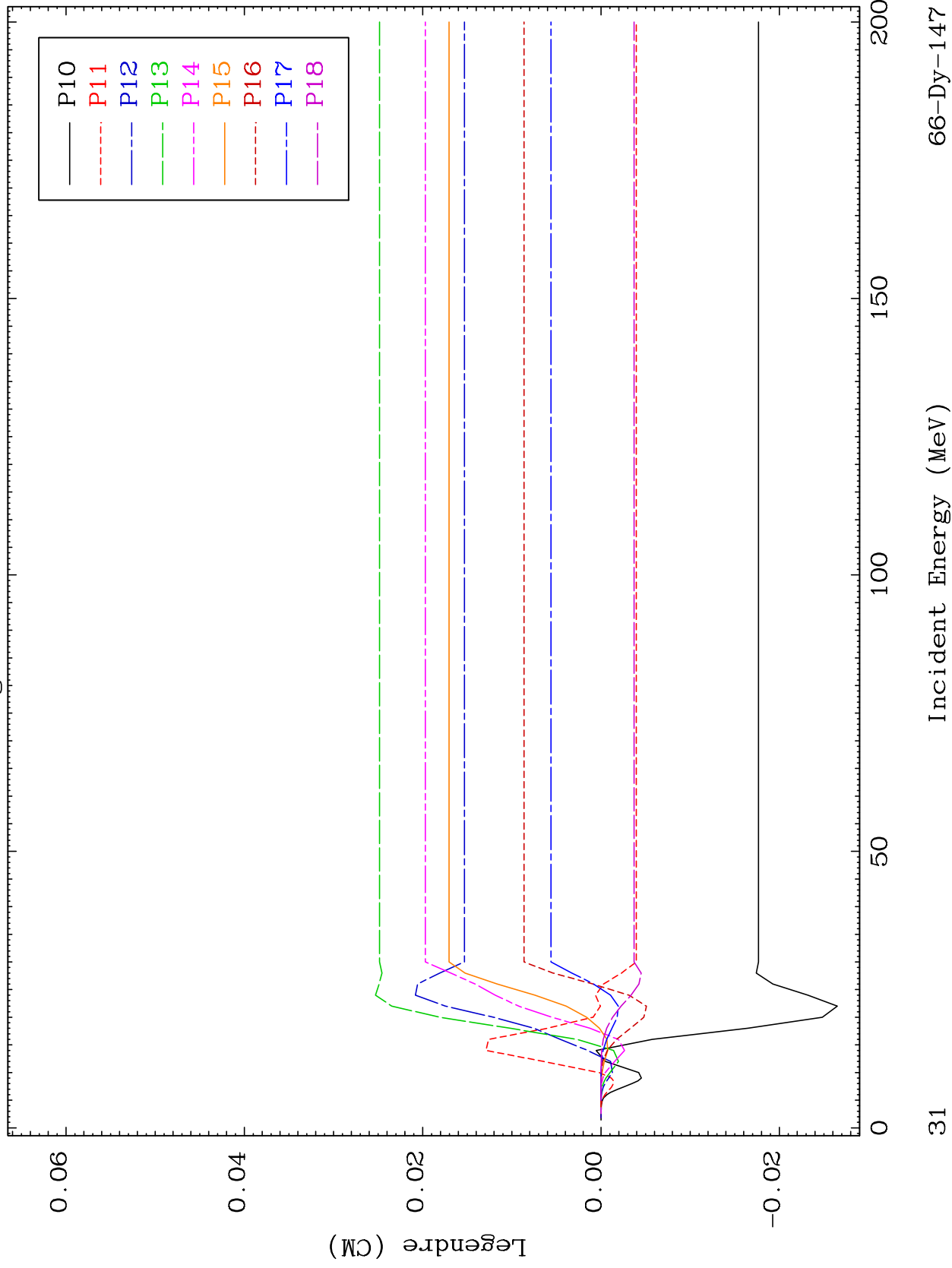


66-Dy-147

MAT 6598

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

66-Dy-147



31

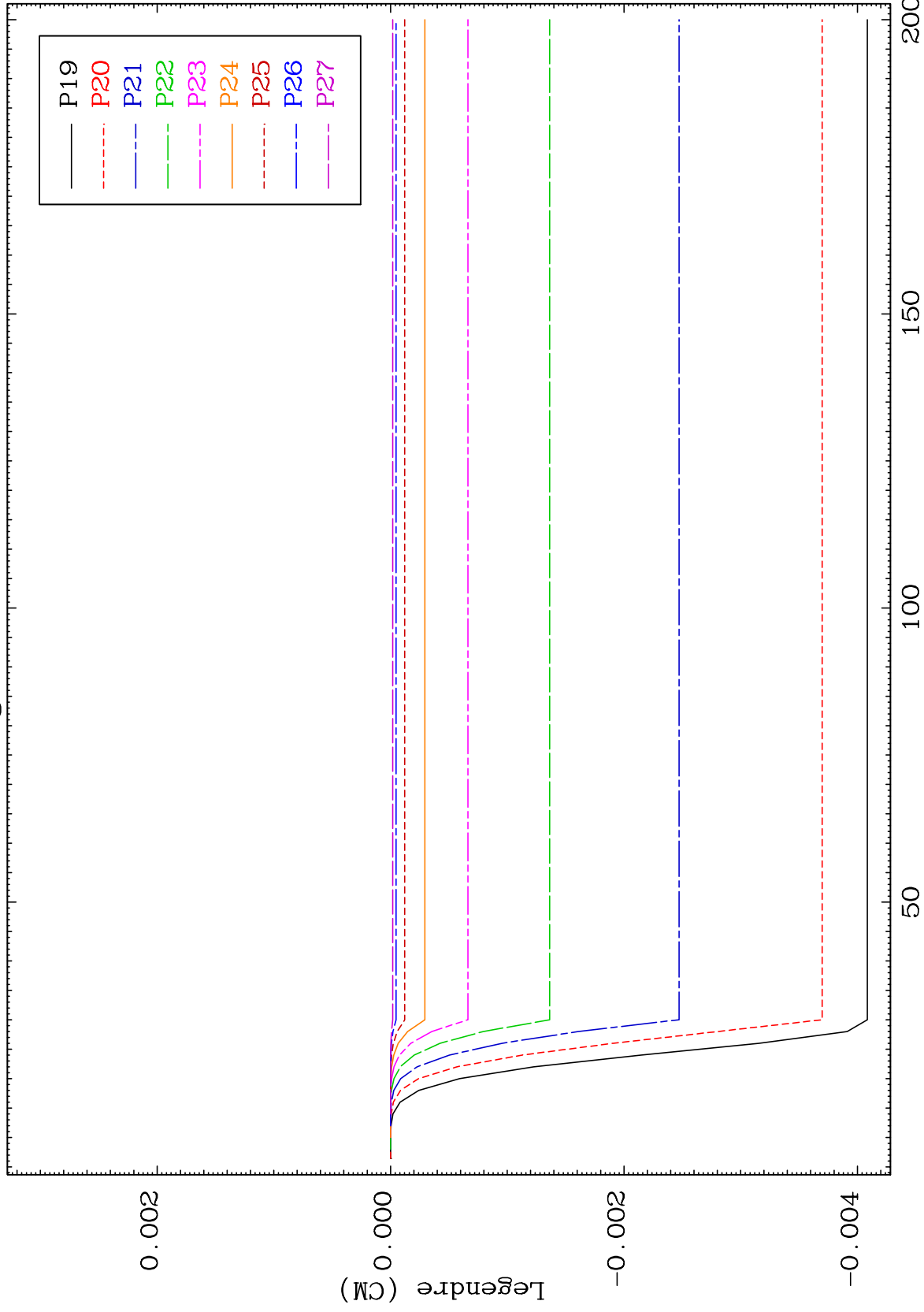
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



32

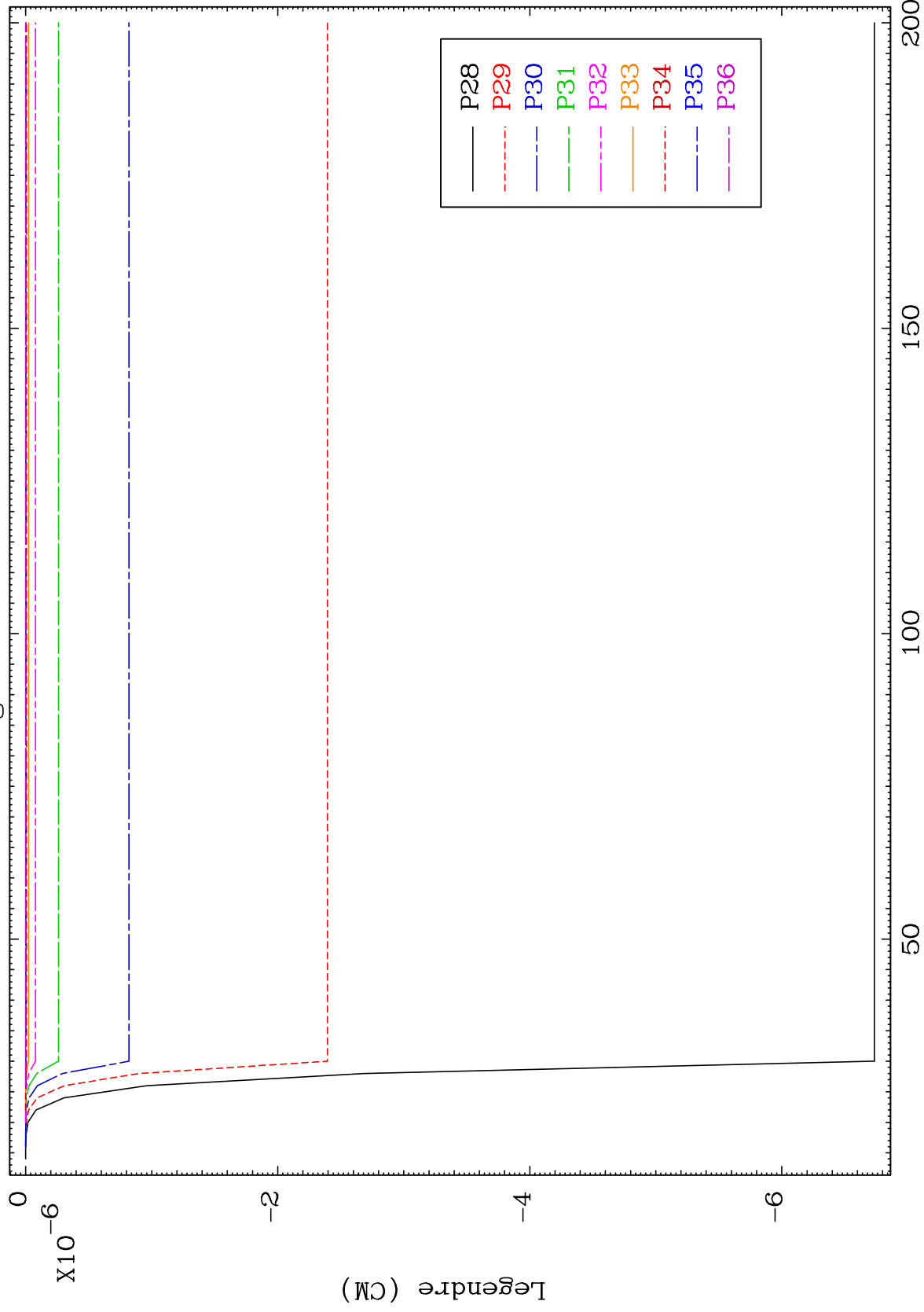
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



33

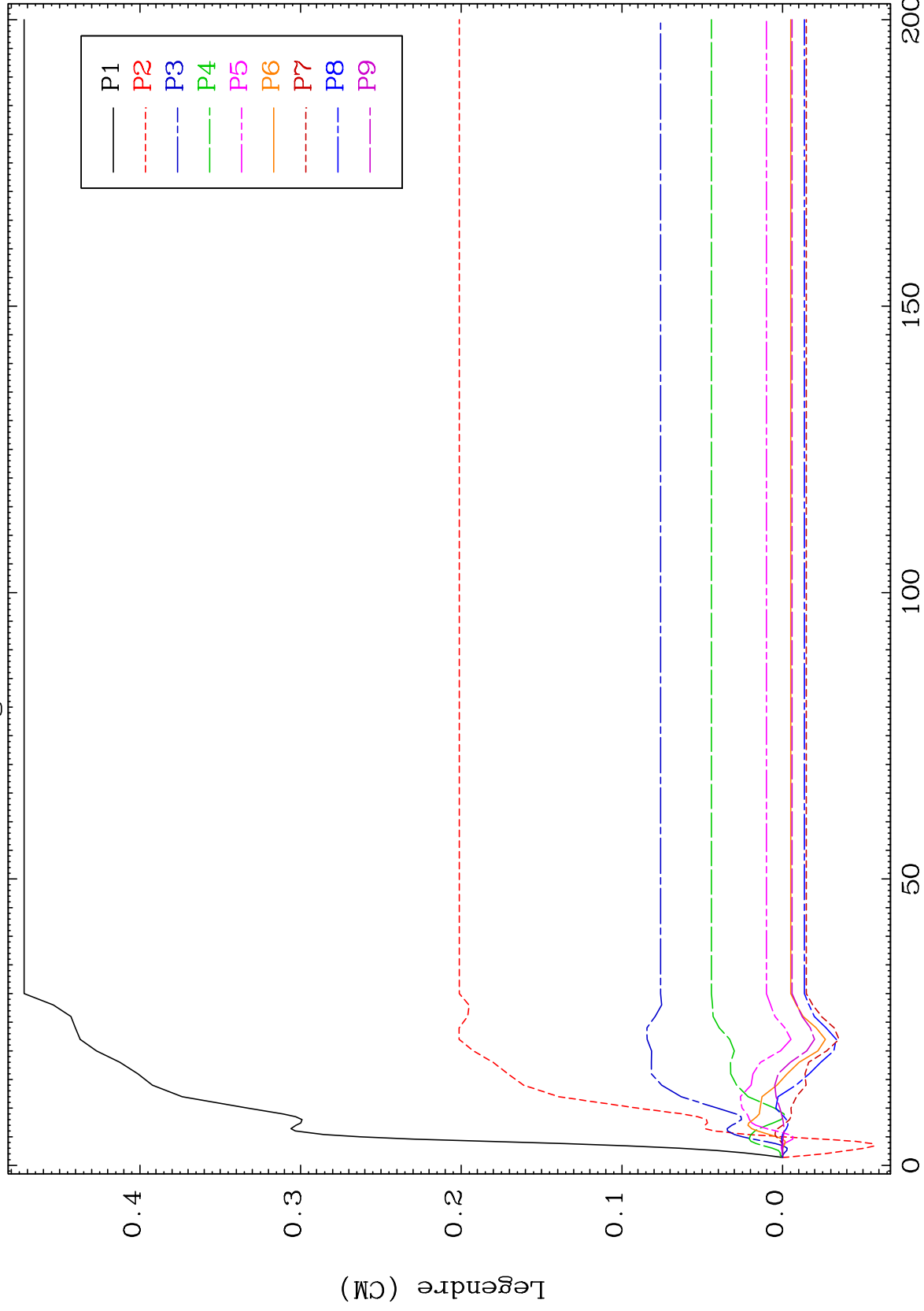
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

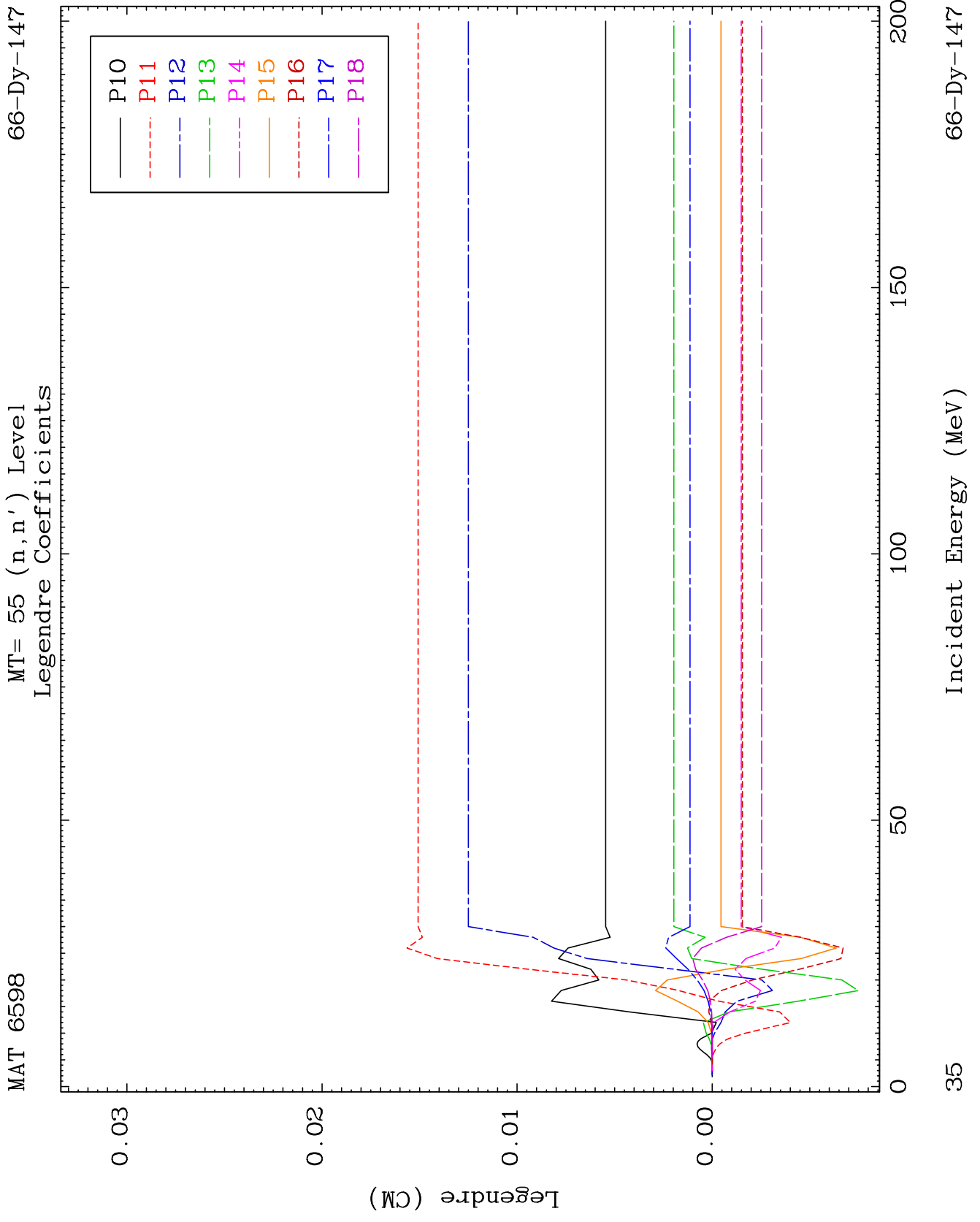
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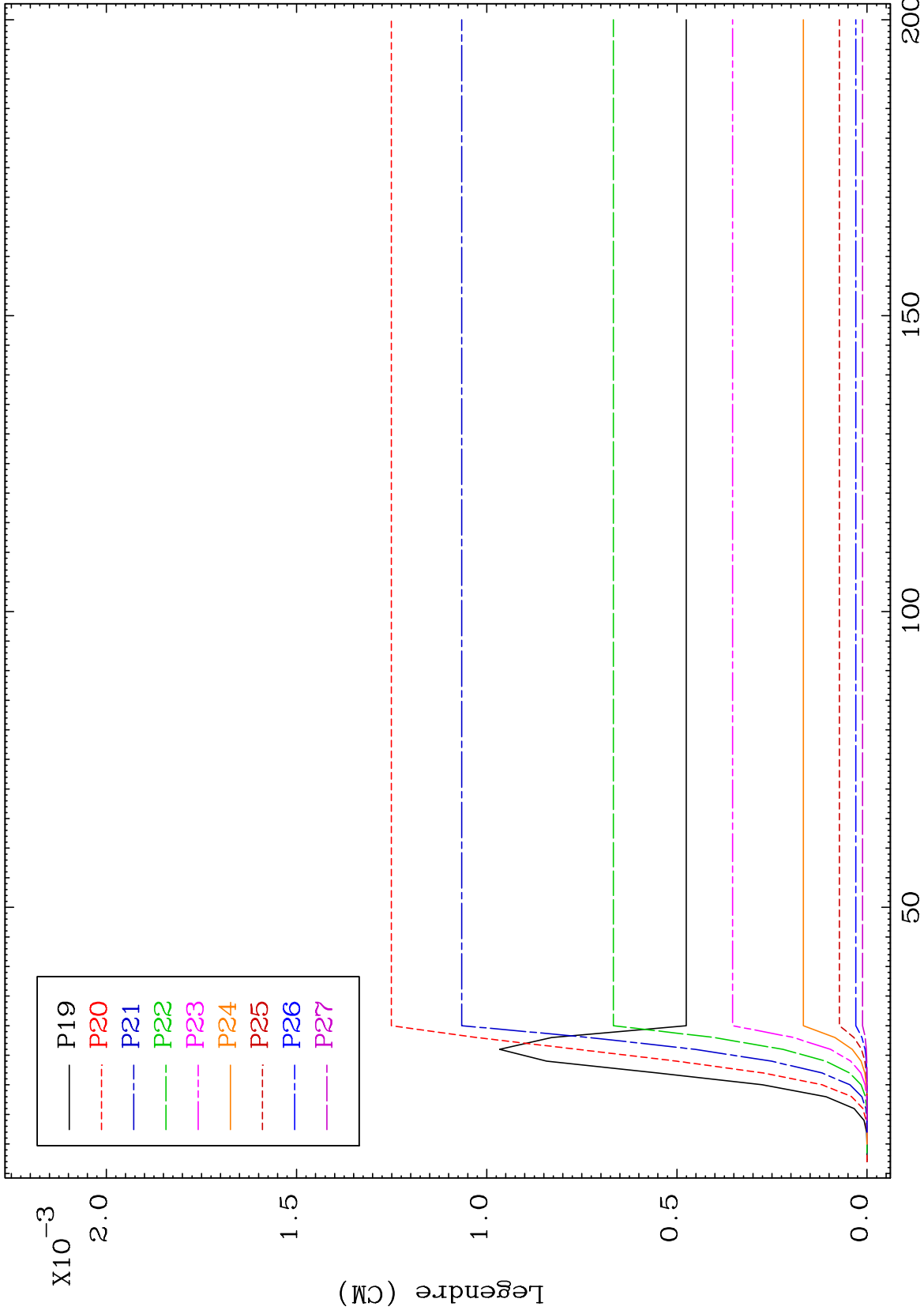


66-Dy-147

Incident Energy (MeV)

34

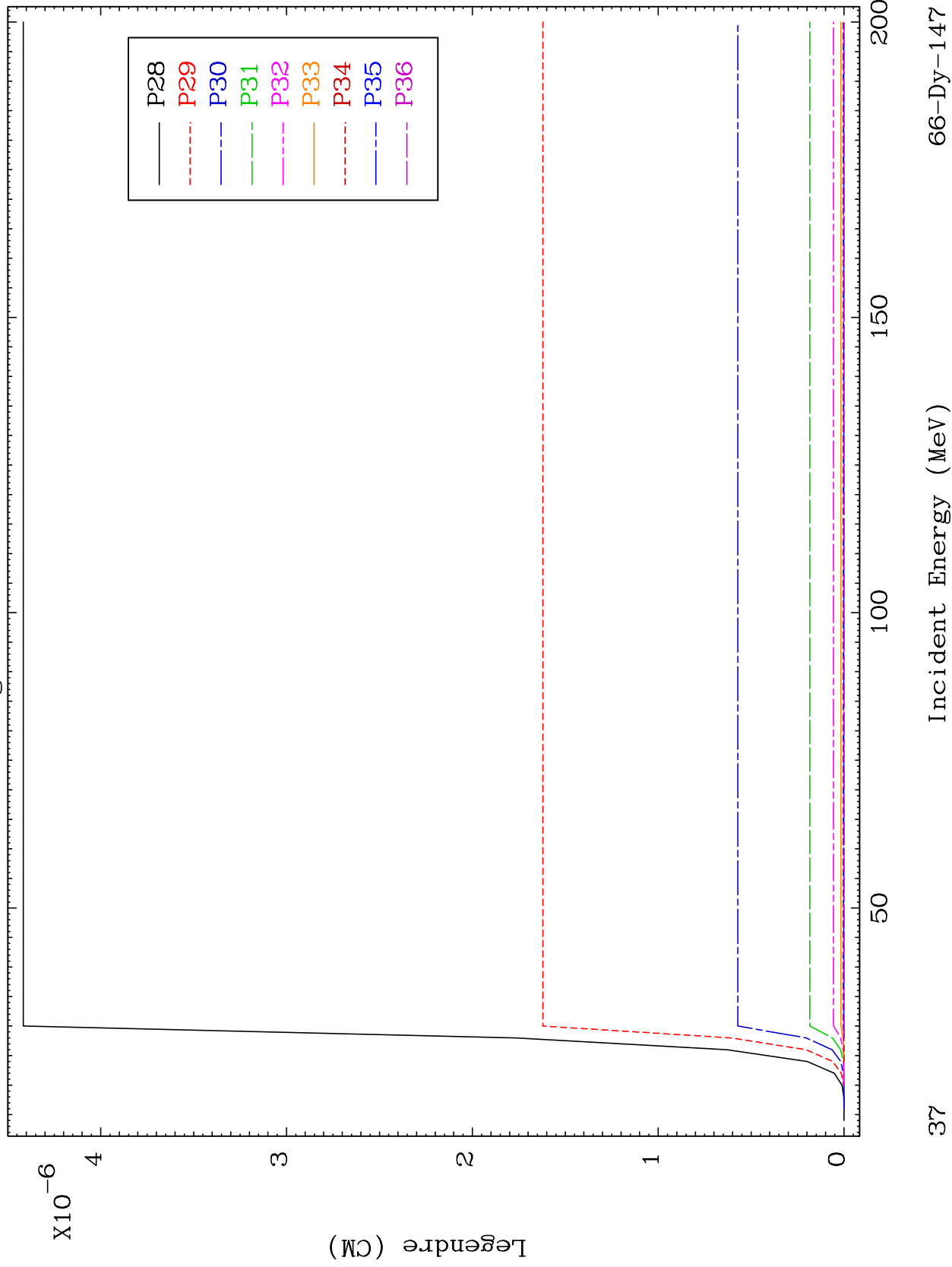




MAT 6598

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

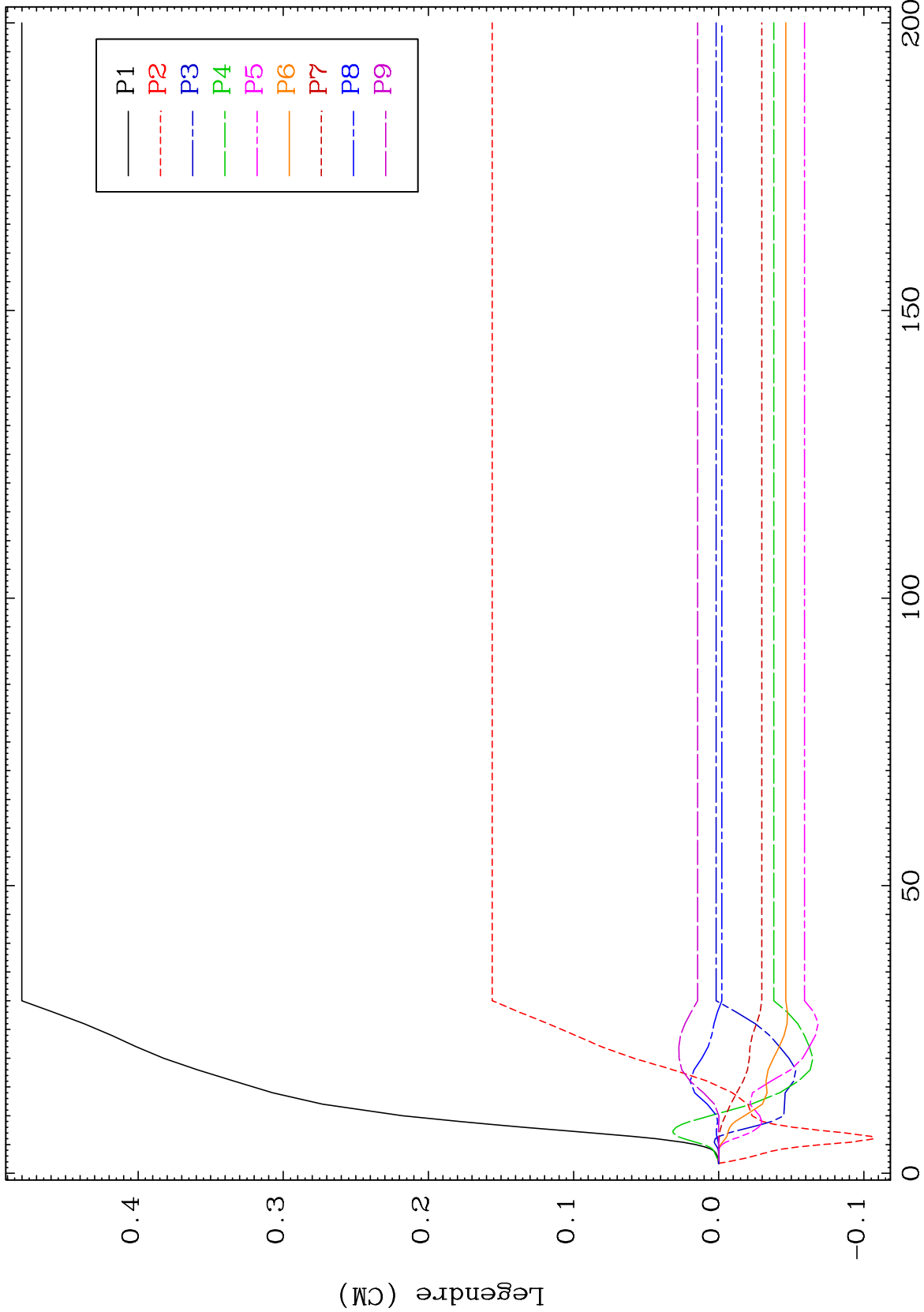
66-Dy-147



MAT 6598

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

66-Dy-147



38

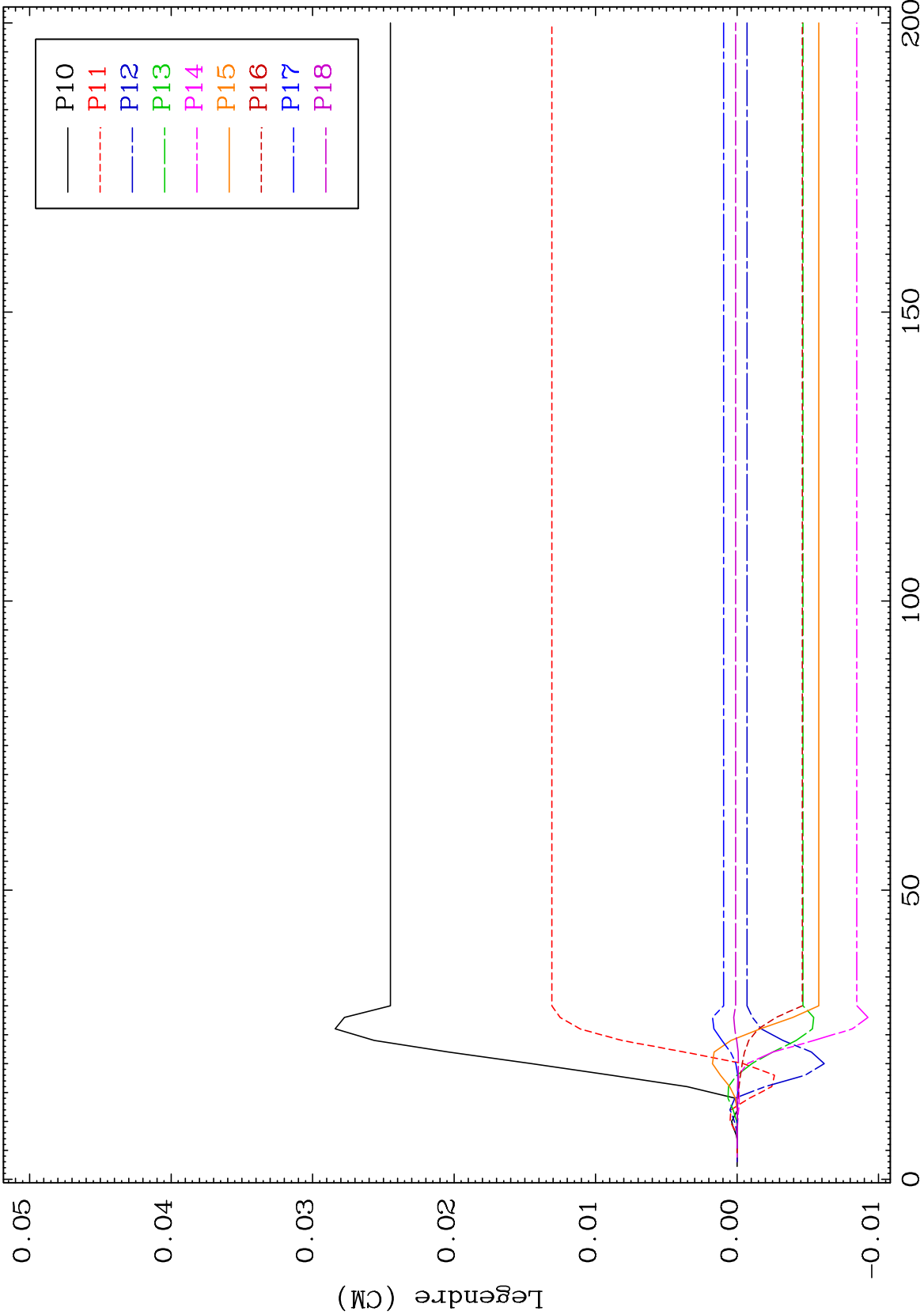
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



39

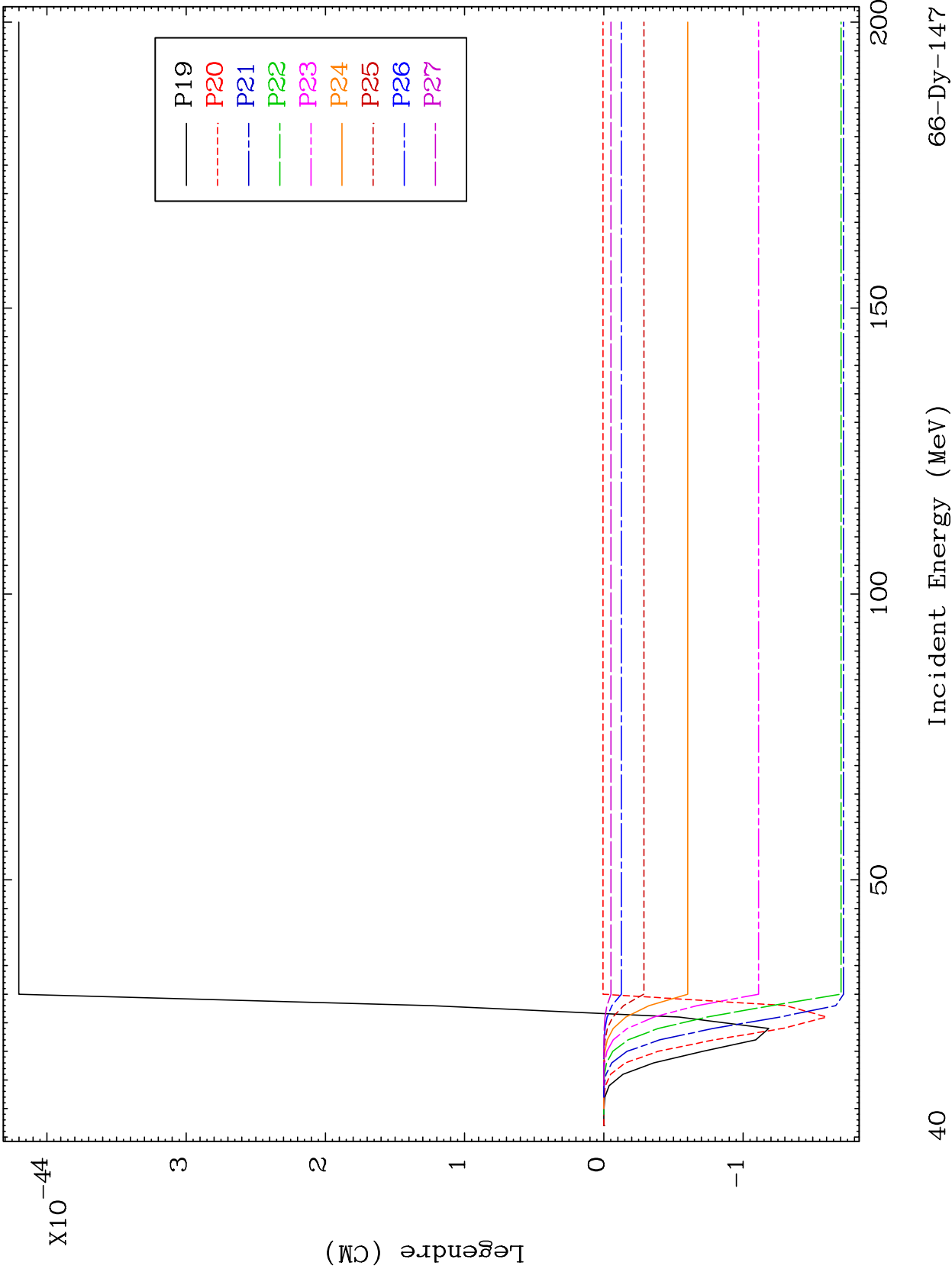
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

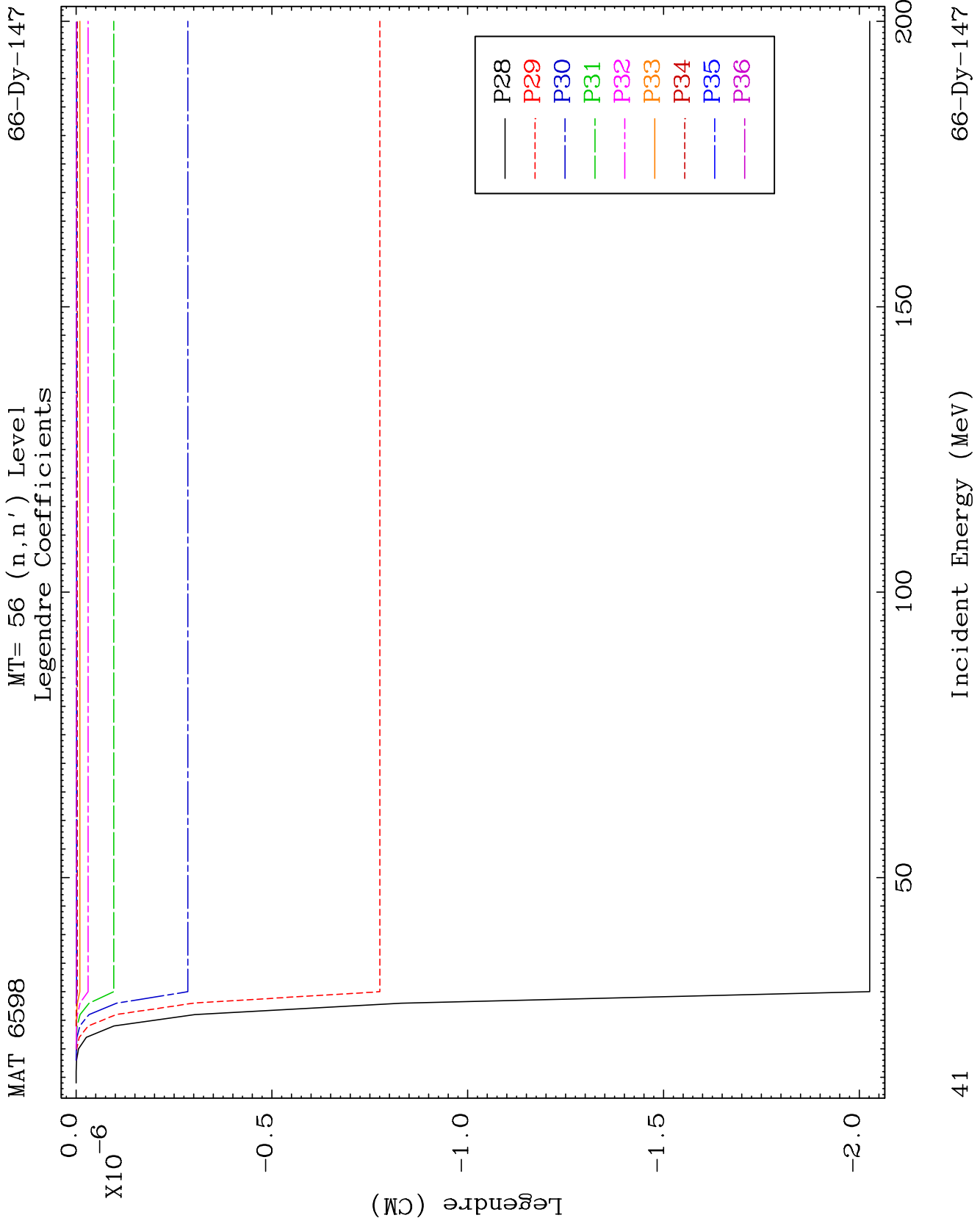
66-Dy-147



66-Dy-147

Incident Energy (MeV)

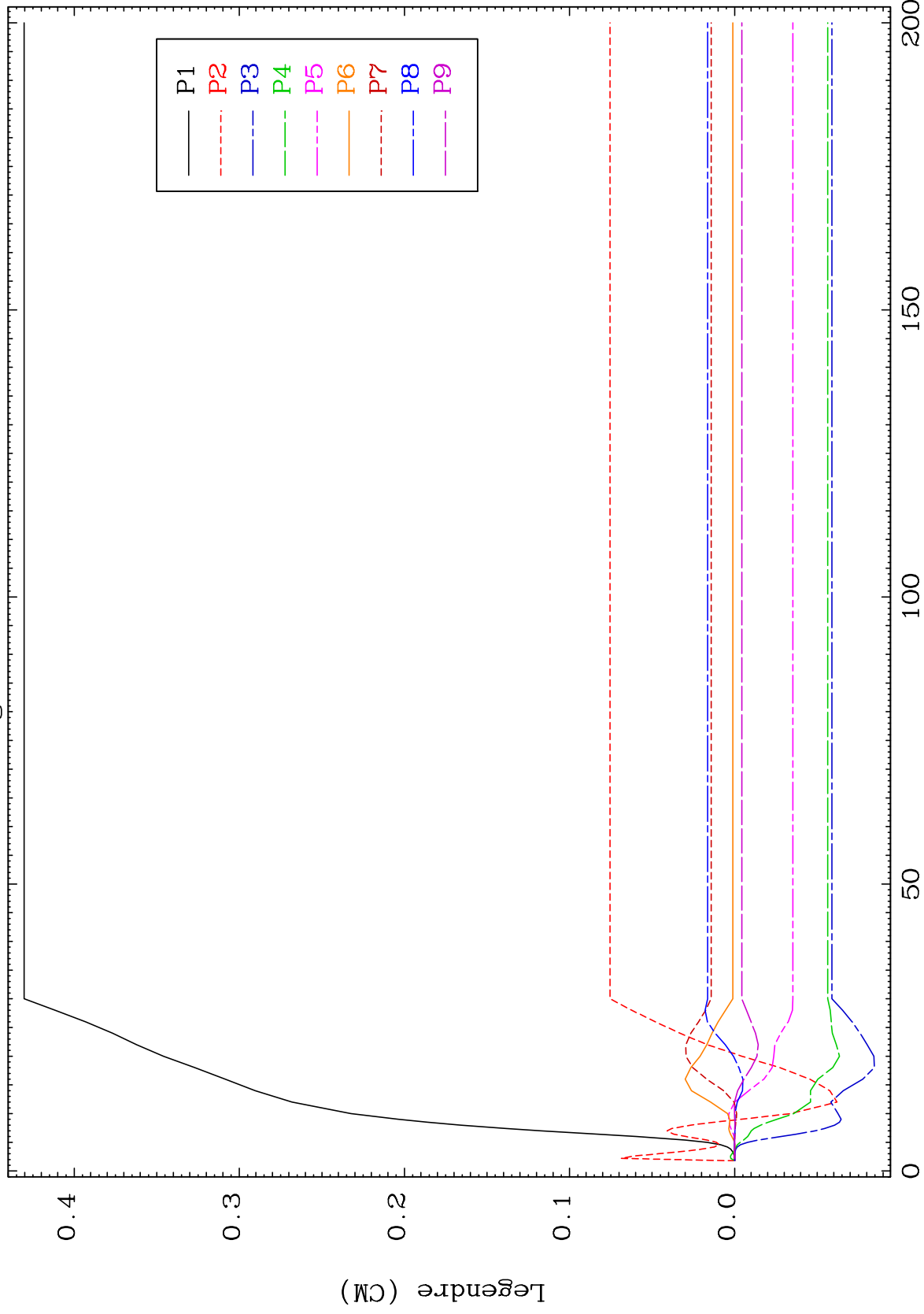
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MAT 6598

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

66-Dy-147



42

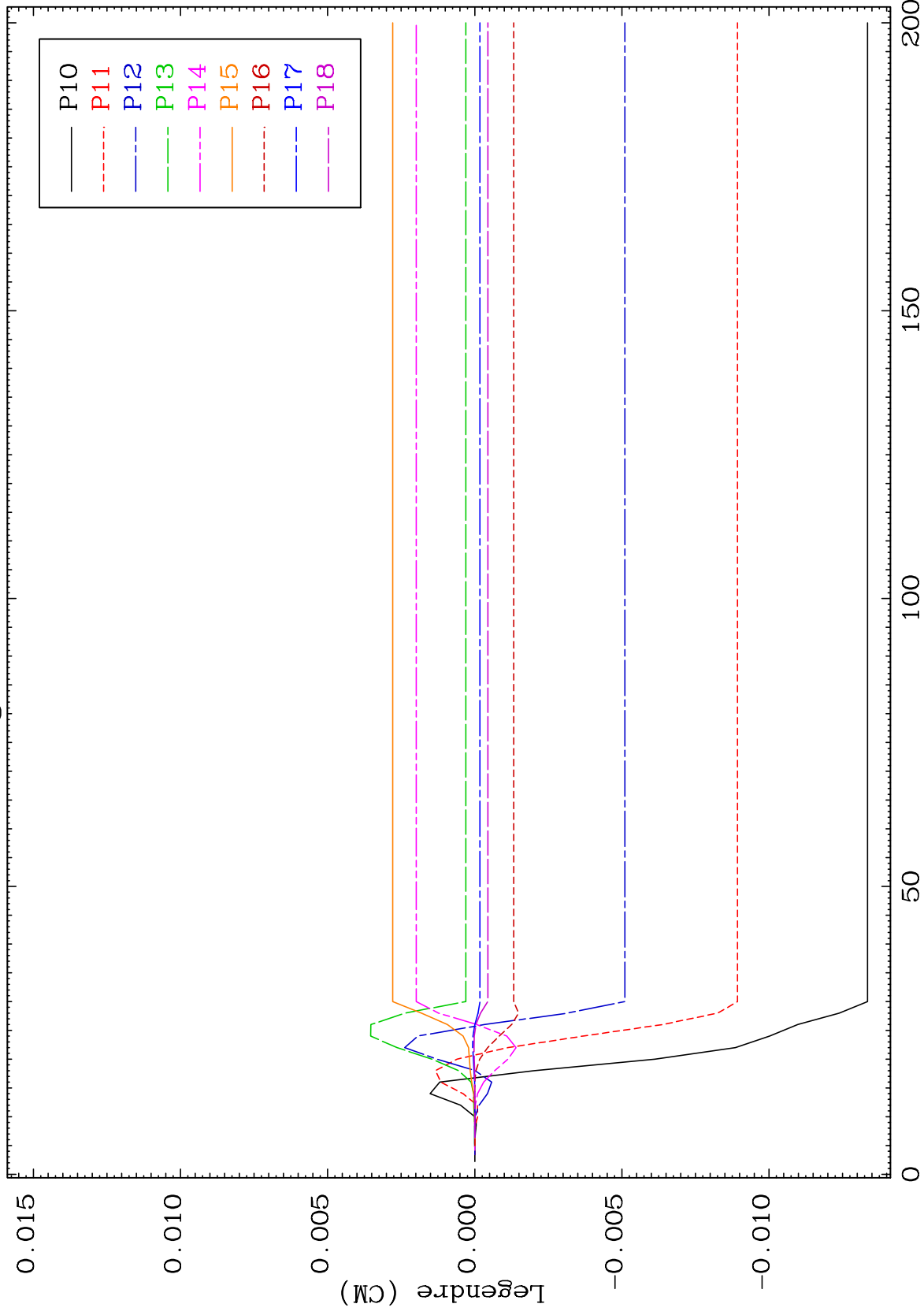
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



43

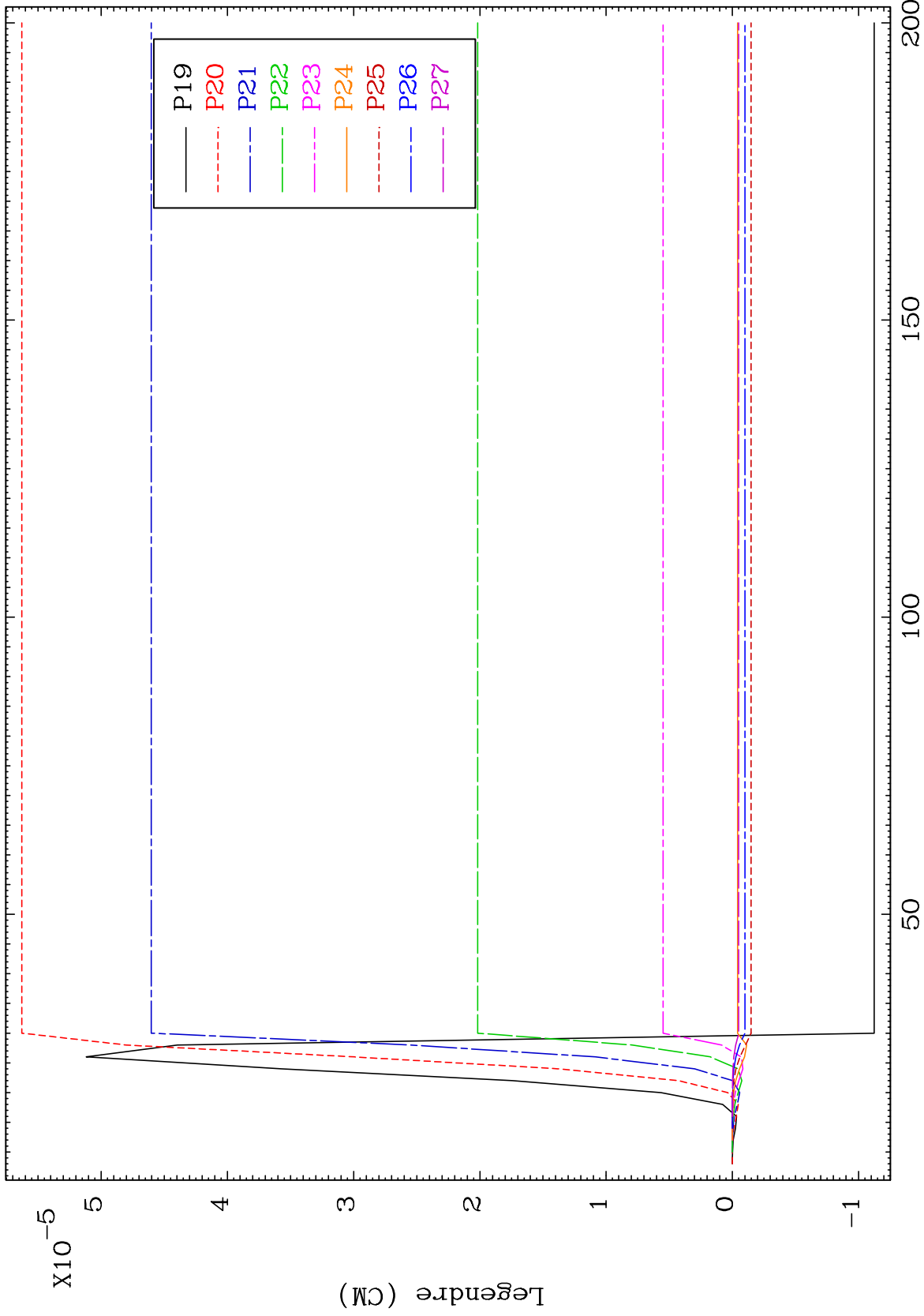
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



44

Incident Energy (MeV)

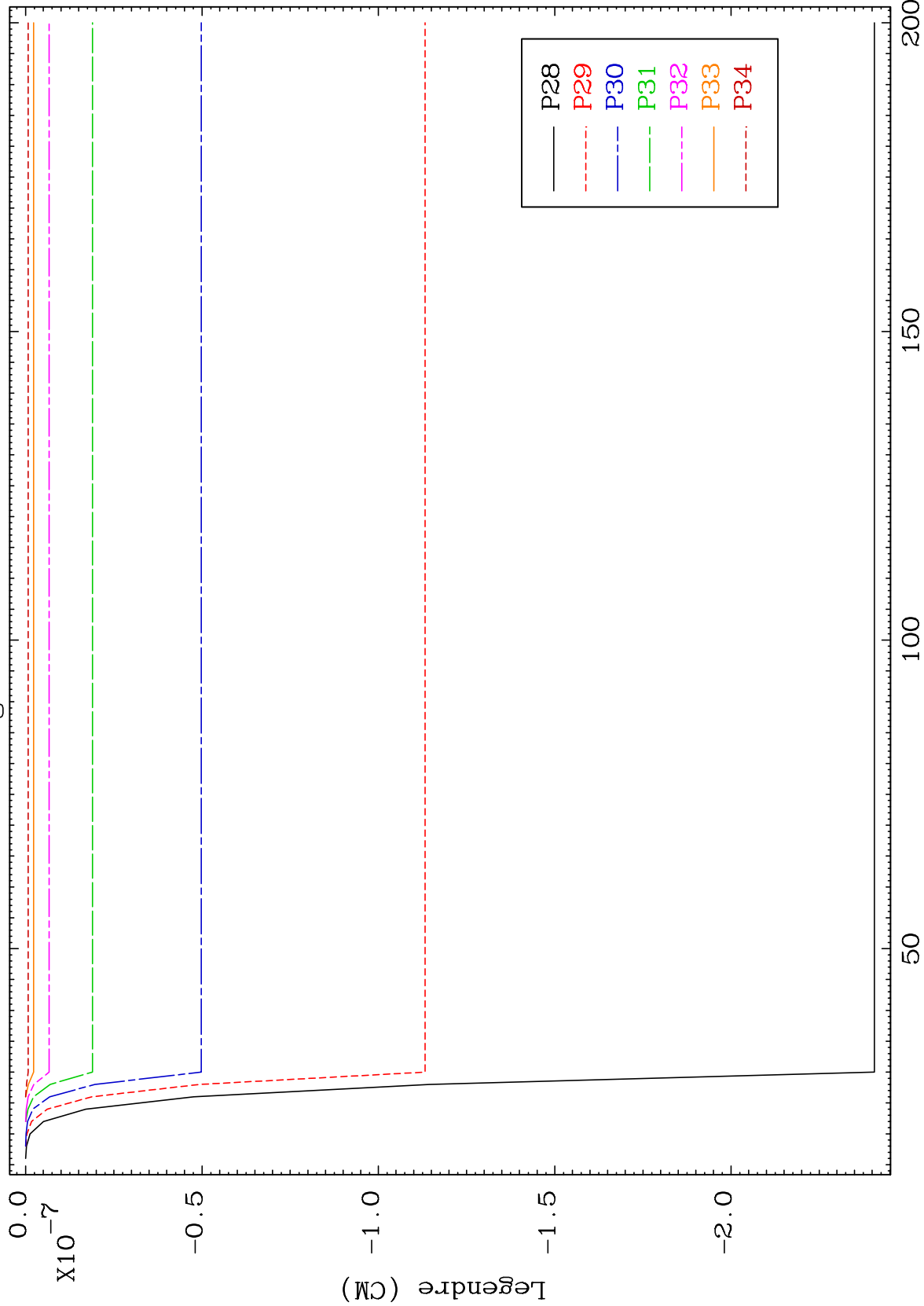
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MAT 6598

MT= 57 (n,n') Level

66-Dy-147

Legendre Coefficients



66-Dy-147

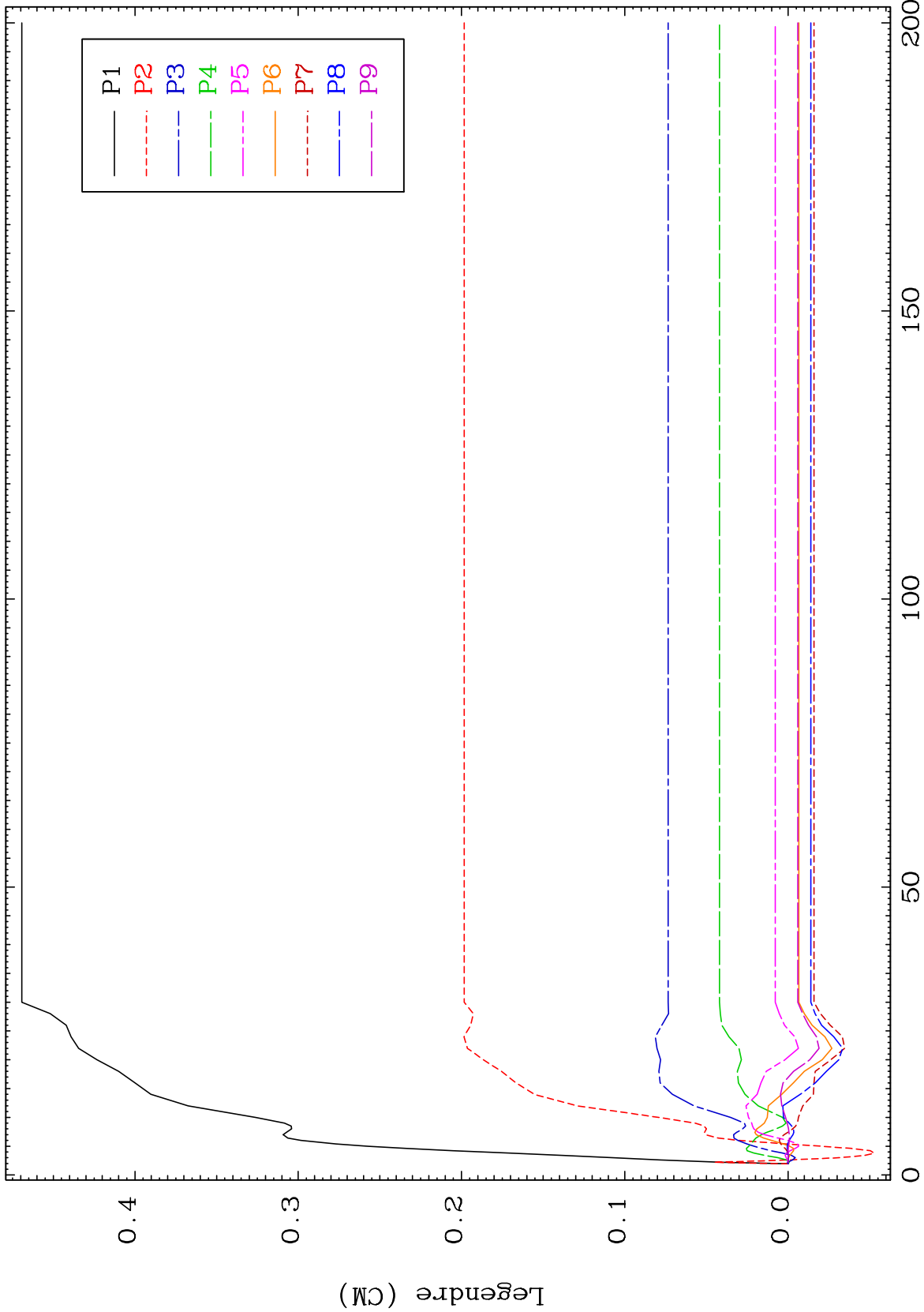
Incident Energy (MeV)

45

MAT 6598

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

66-Dy-147



66-Dy-147

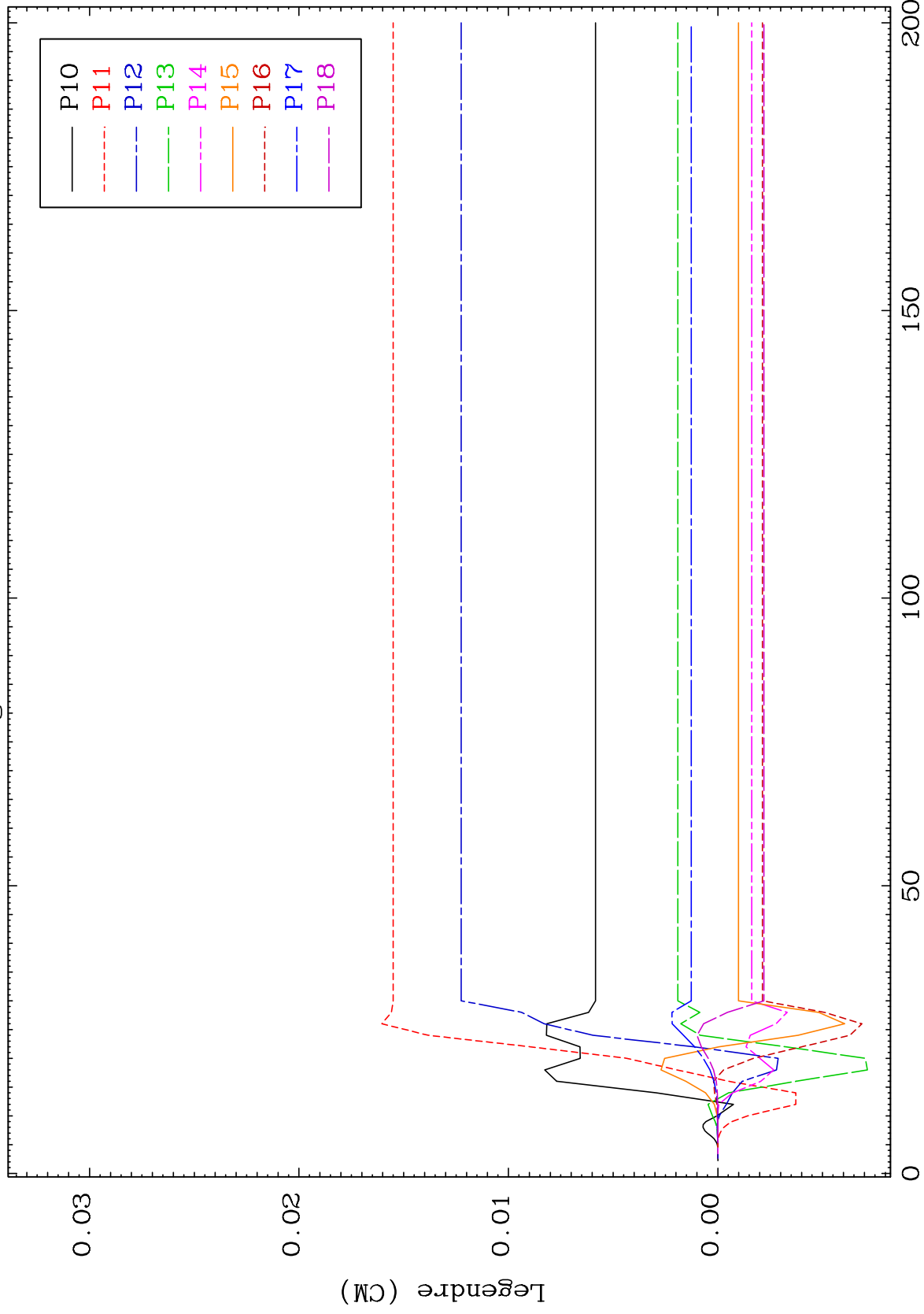
Incident Energy (MeV)

46

MAT 6598

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

66-Dy-147



47

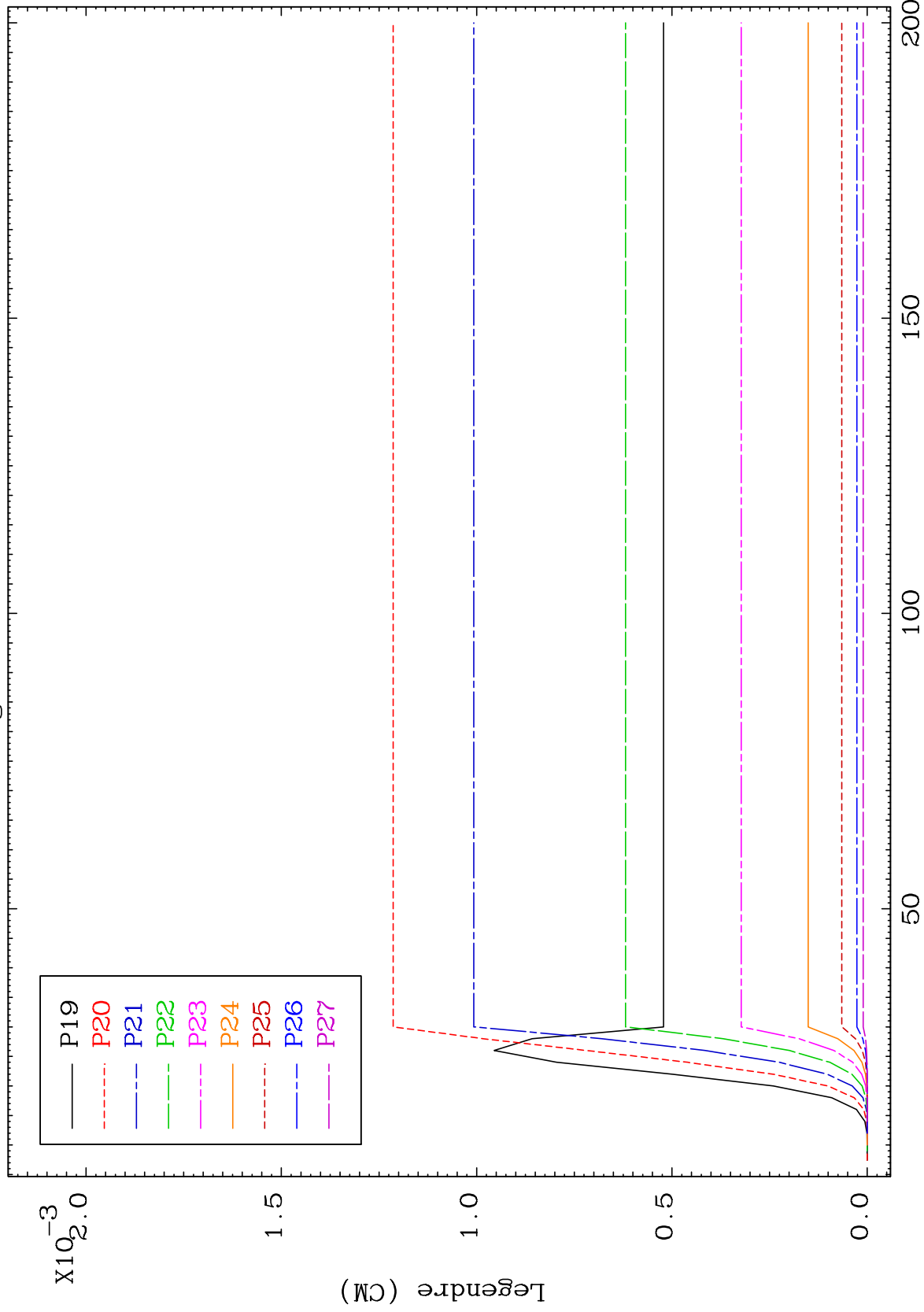
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



48

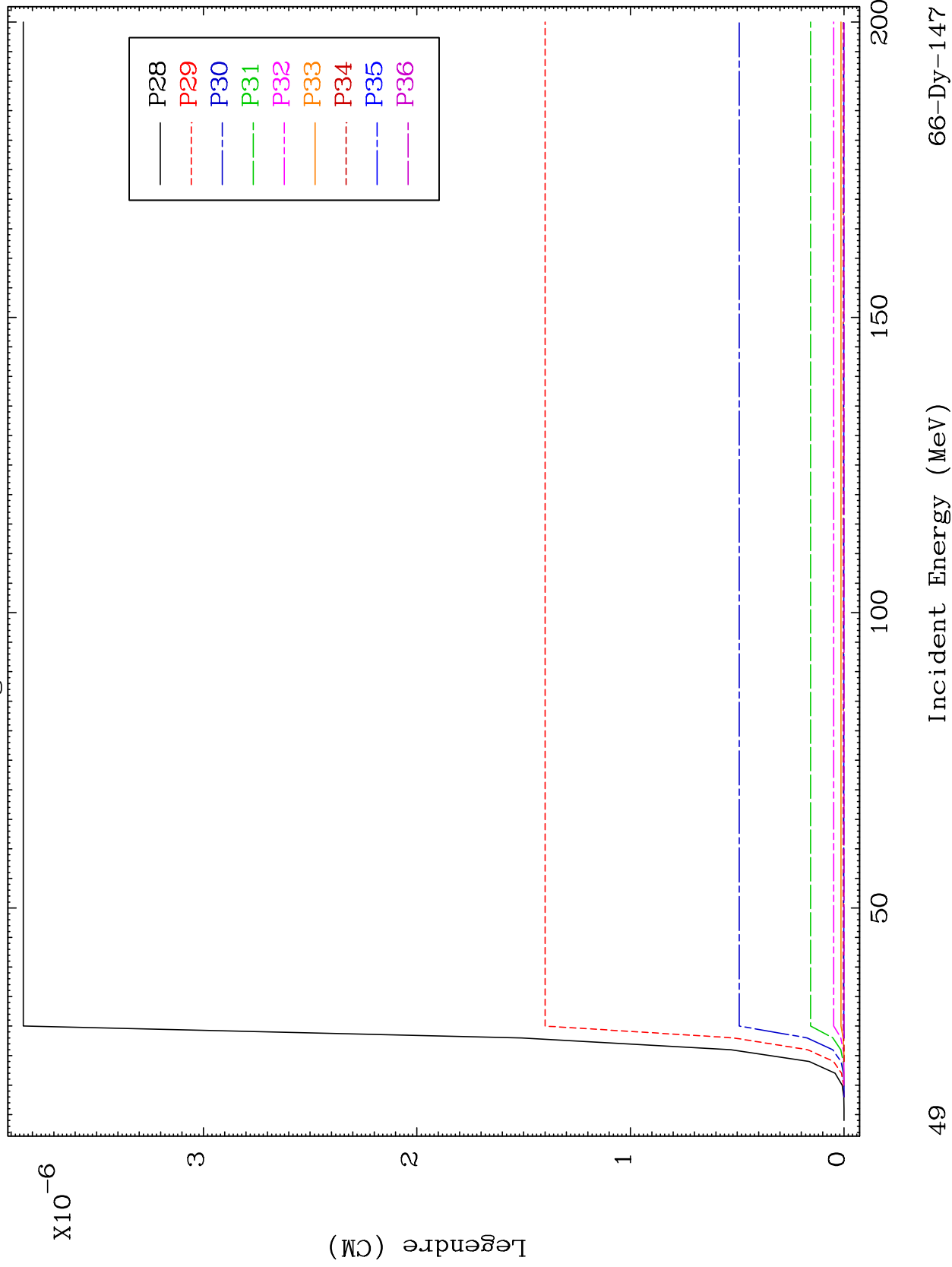
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



49

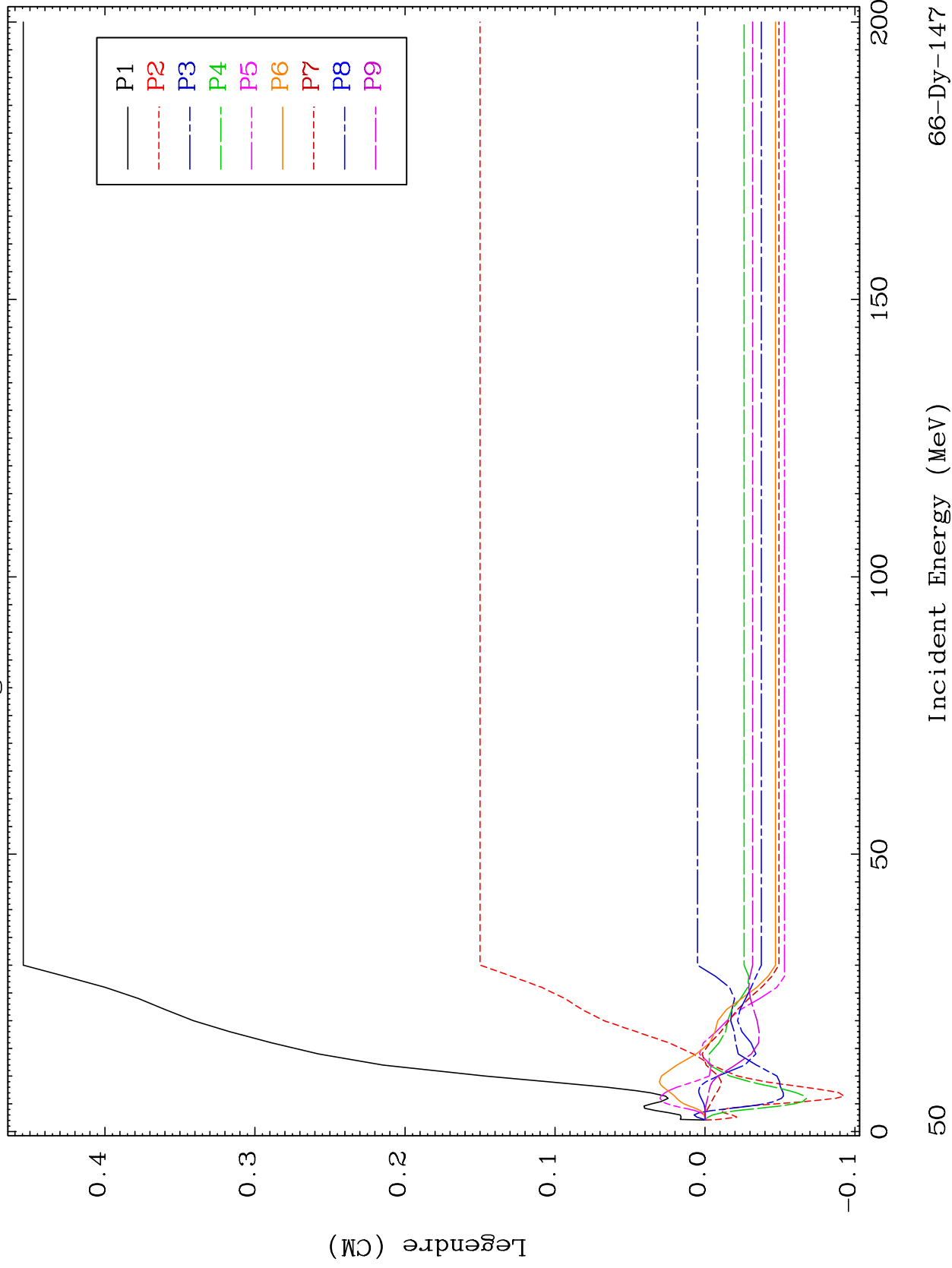
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



66-Dy-147

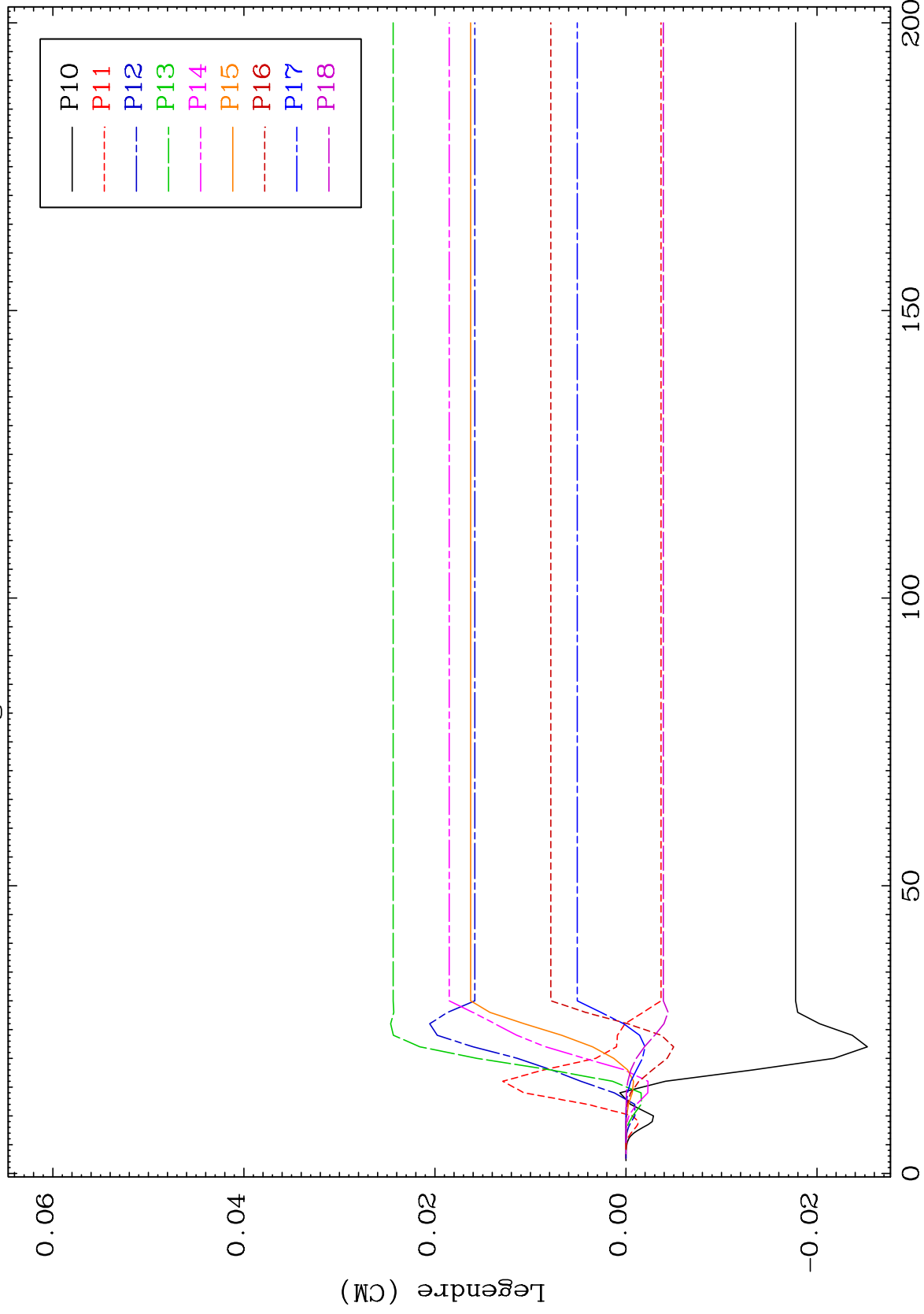
Incident Energy (MeV)

Legendre (CM)

MAT 6598

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

66-Dy-147



51

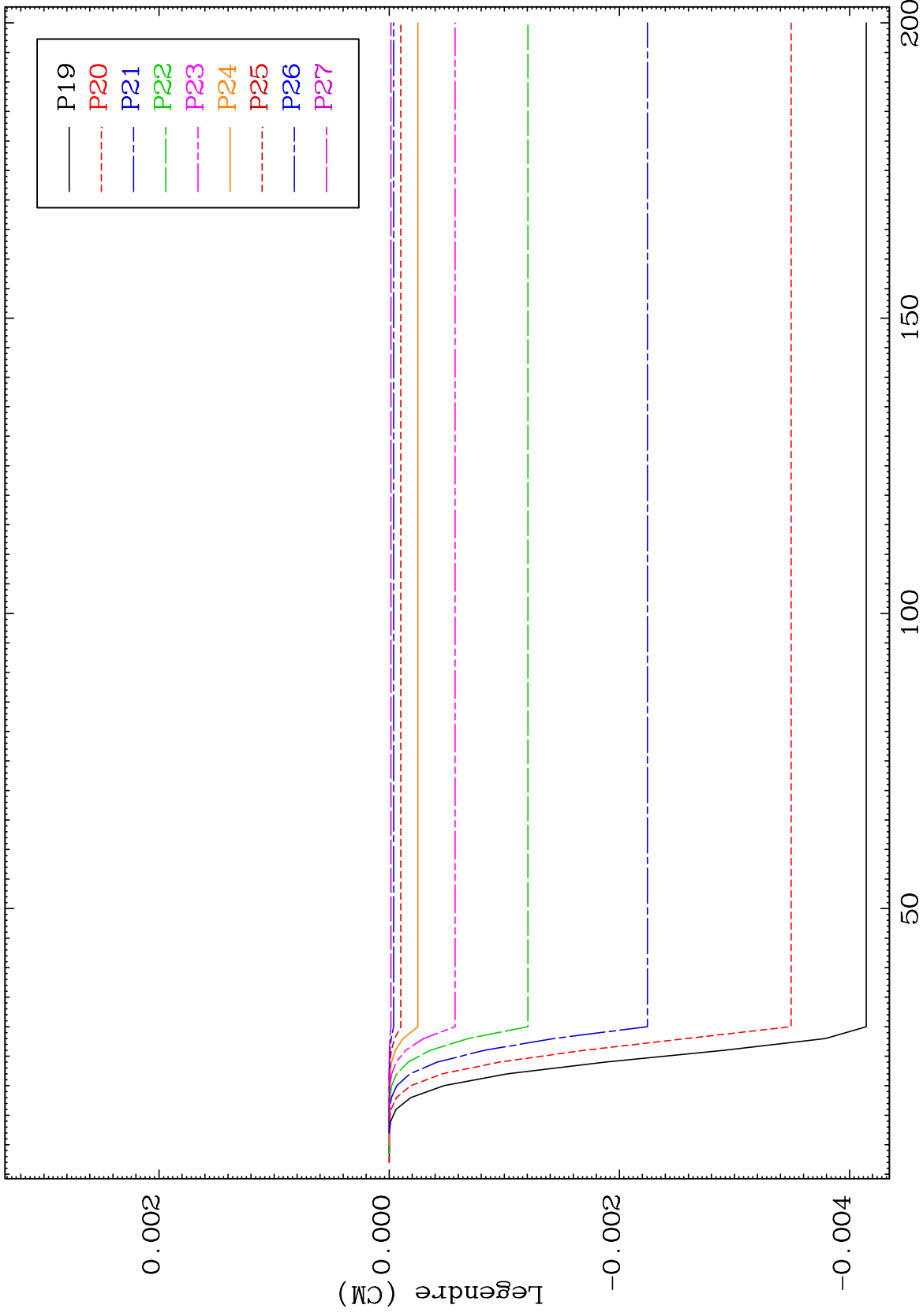
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



52

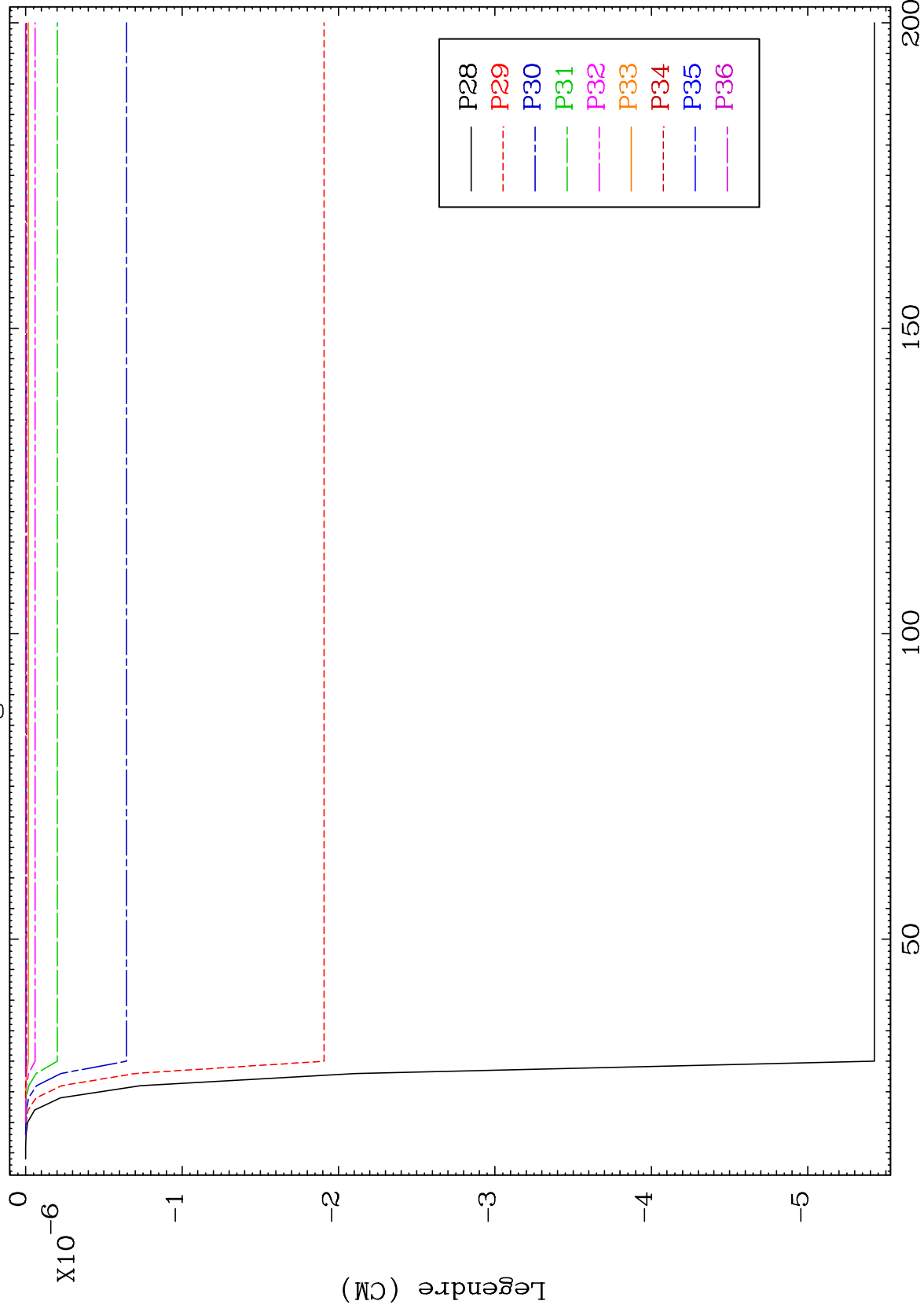
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



53

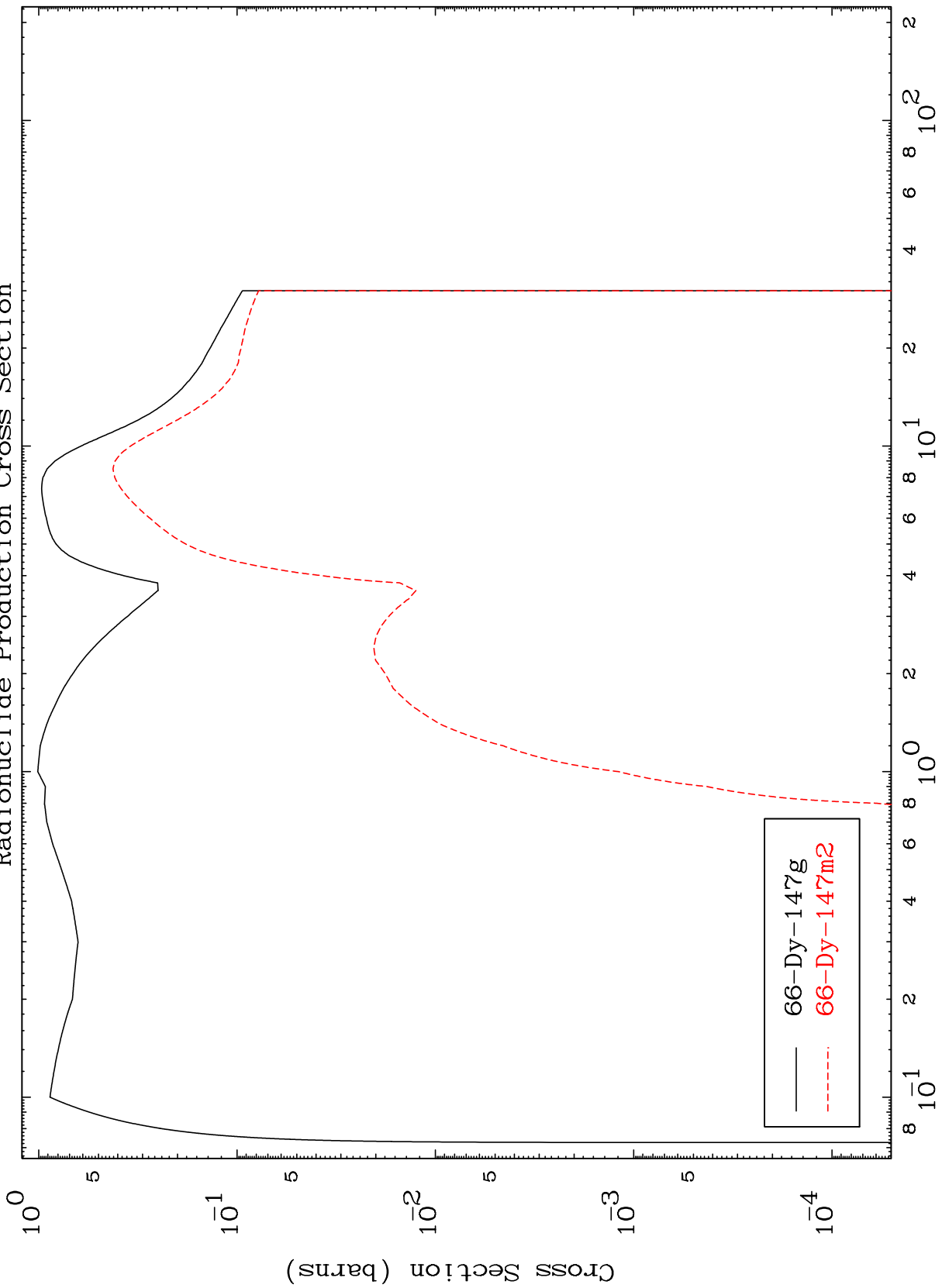
Incident Energy (MeV)

66-Dy-147

MAT 6598

66-Dy-147

Inelastic
Radionuclide Production Cross Section



54

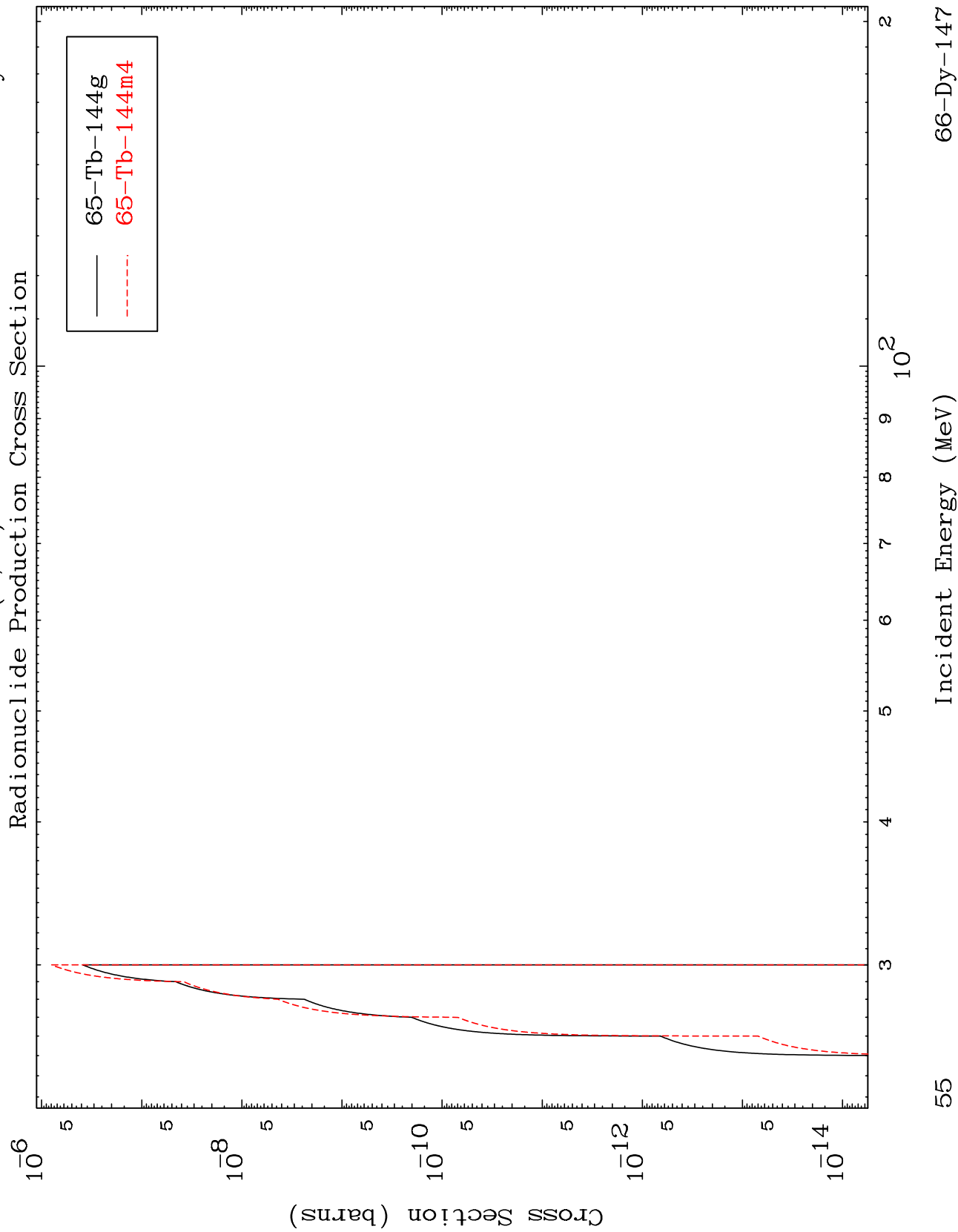
Incident Energy (MeV)

66-Dy-147

MAT 6598

(n,2n) d

66-Dy-147



55

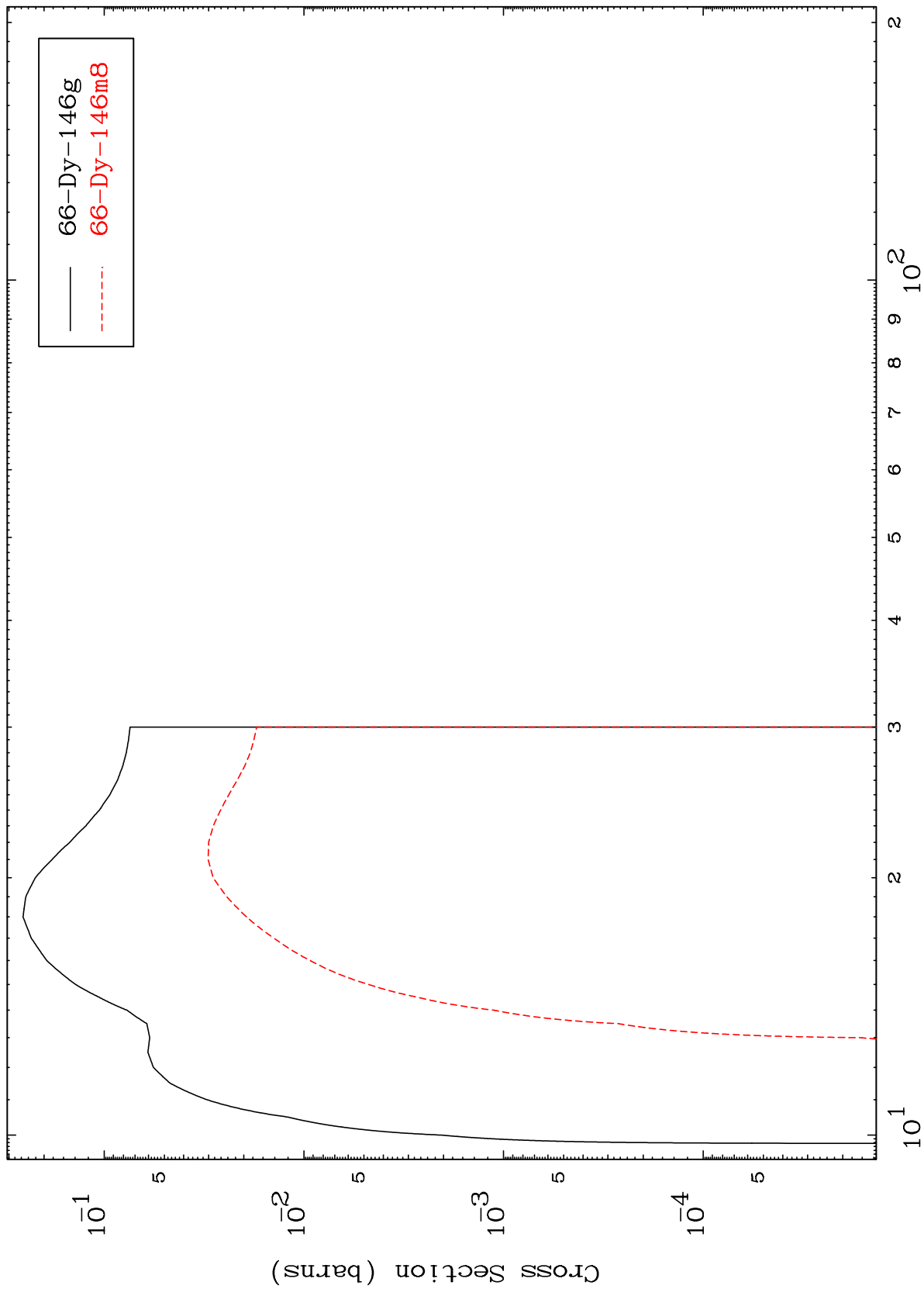
Incident Energy (MeV)

66-Dy-147

MAT 6598

66-Dy-147

(n,2n)
Radionuclide Production Cross Section

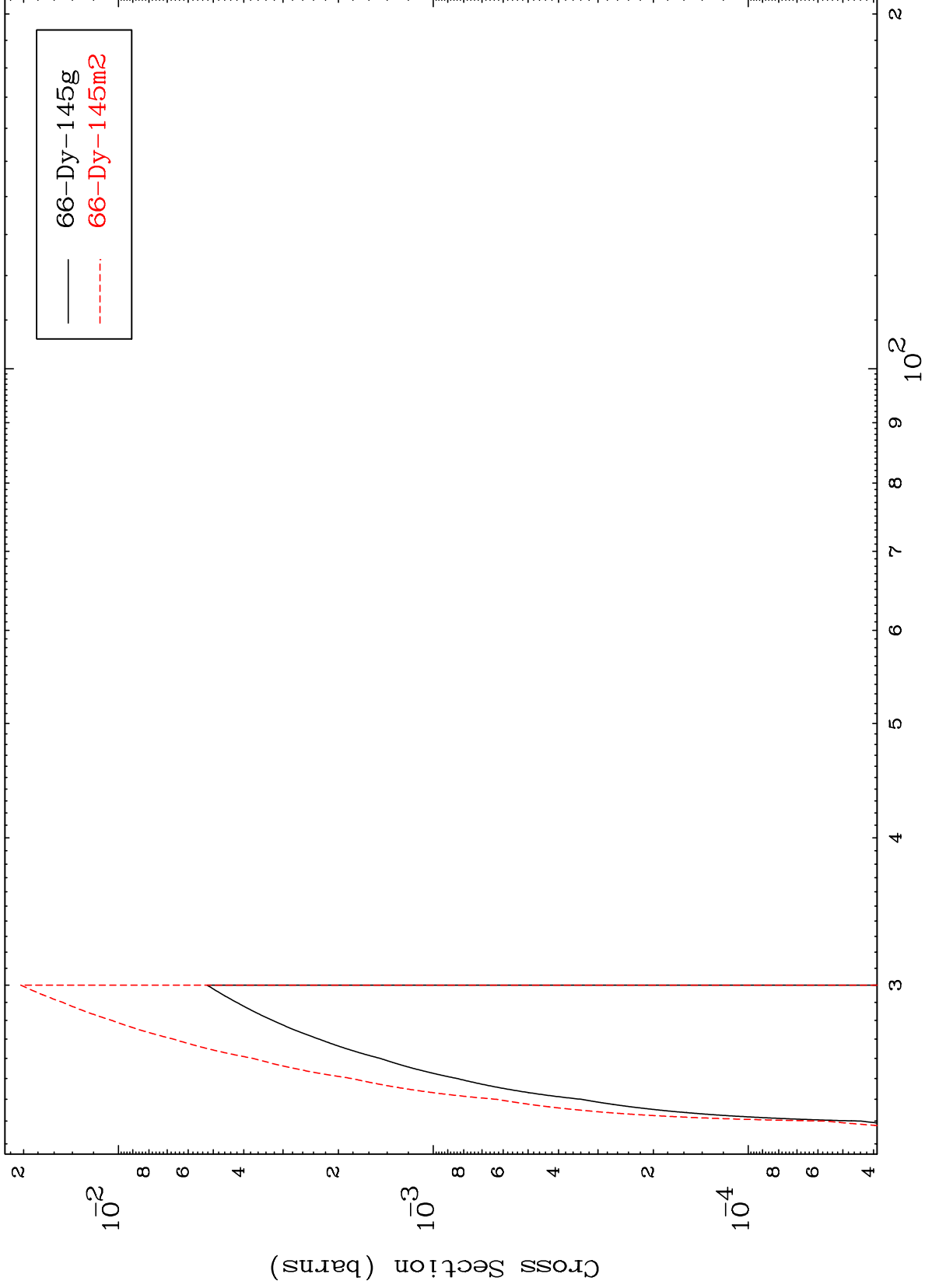


66-Dy-147

Incident Energy (MeV)

56

Radionuclide Production Cross Section

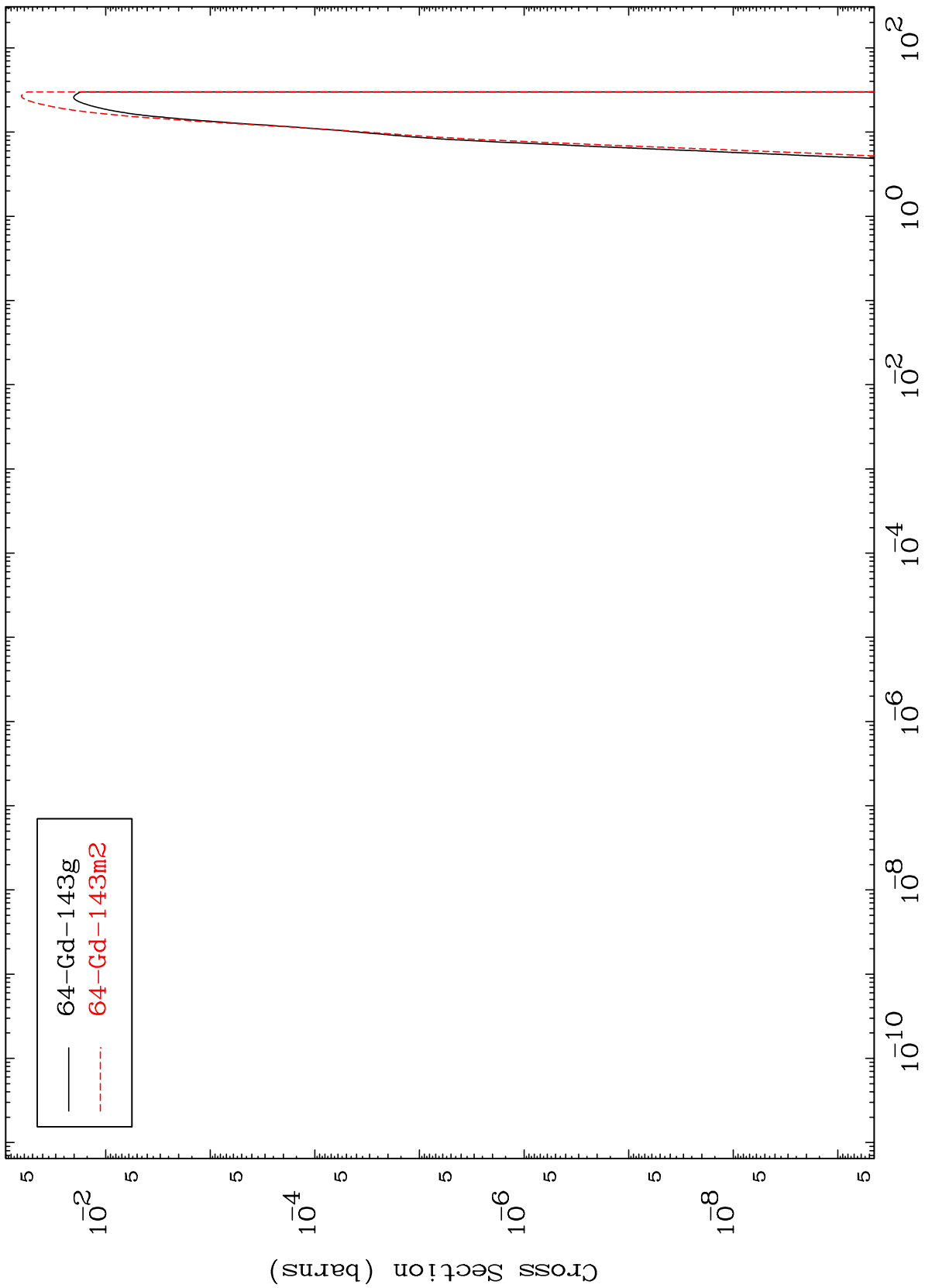


MAT 6598

(n,n') α

66-Dy-147

Radionuclide Production Cross Section

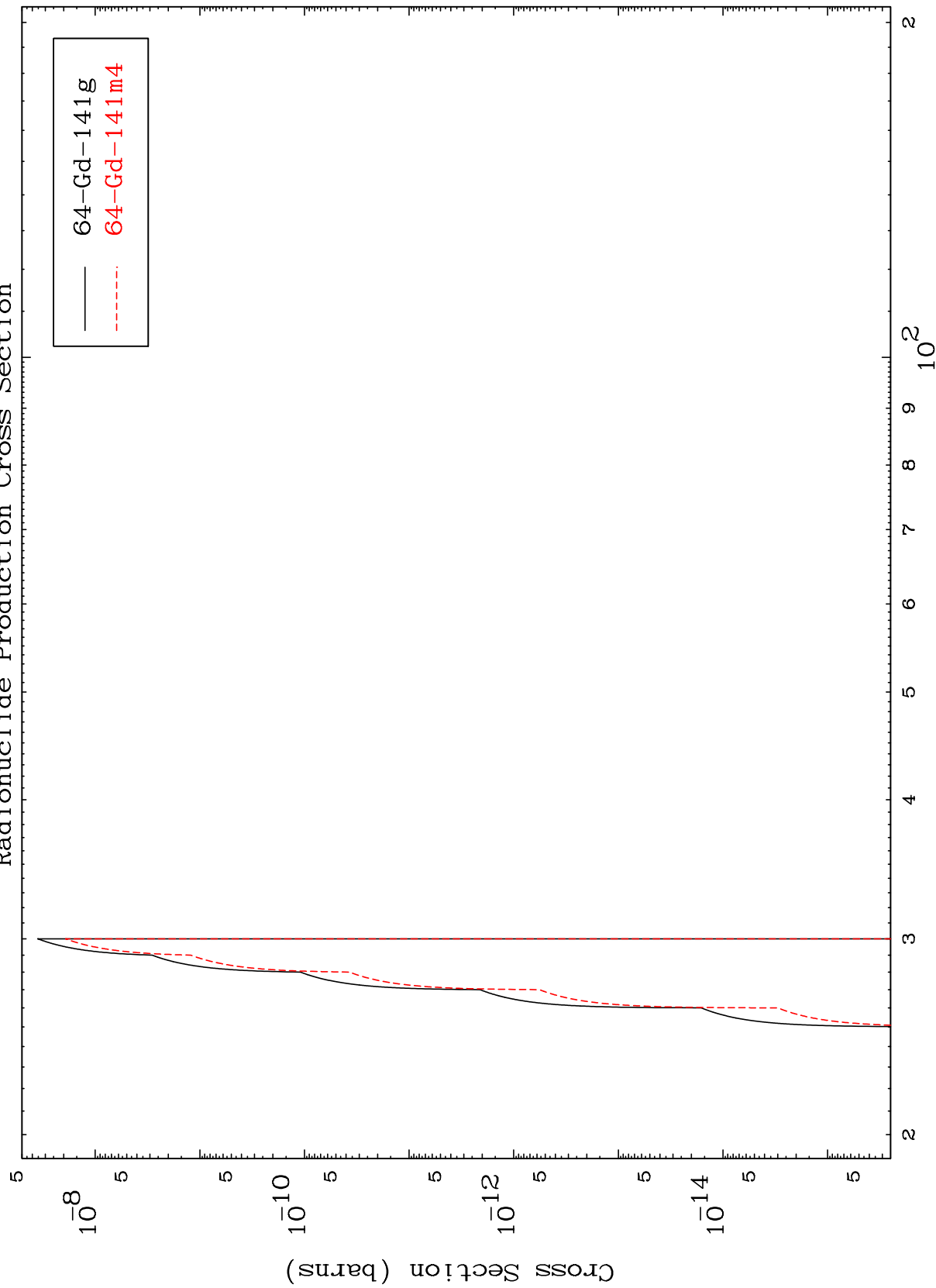


58

Incident Energy (MeV)

66-Dy-147

Radionuclide Production Cross Section

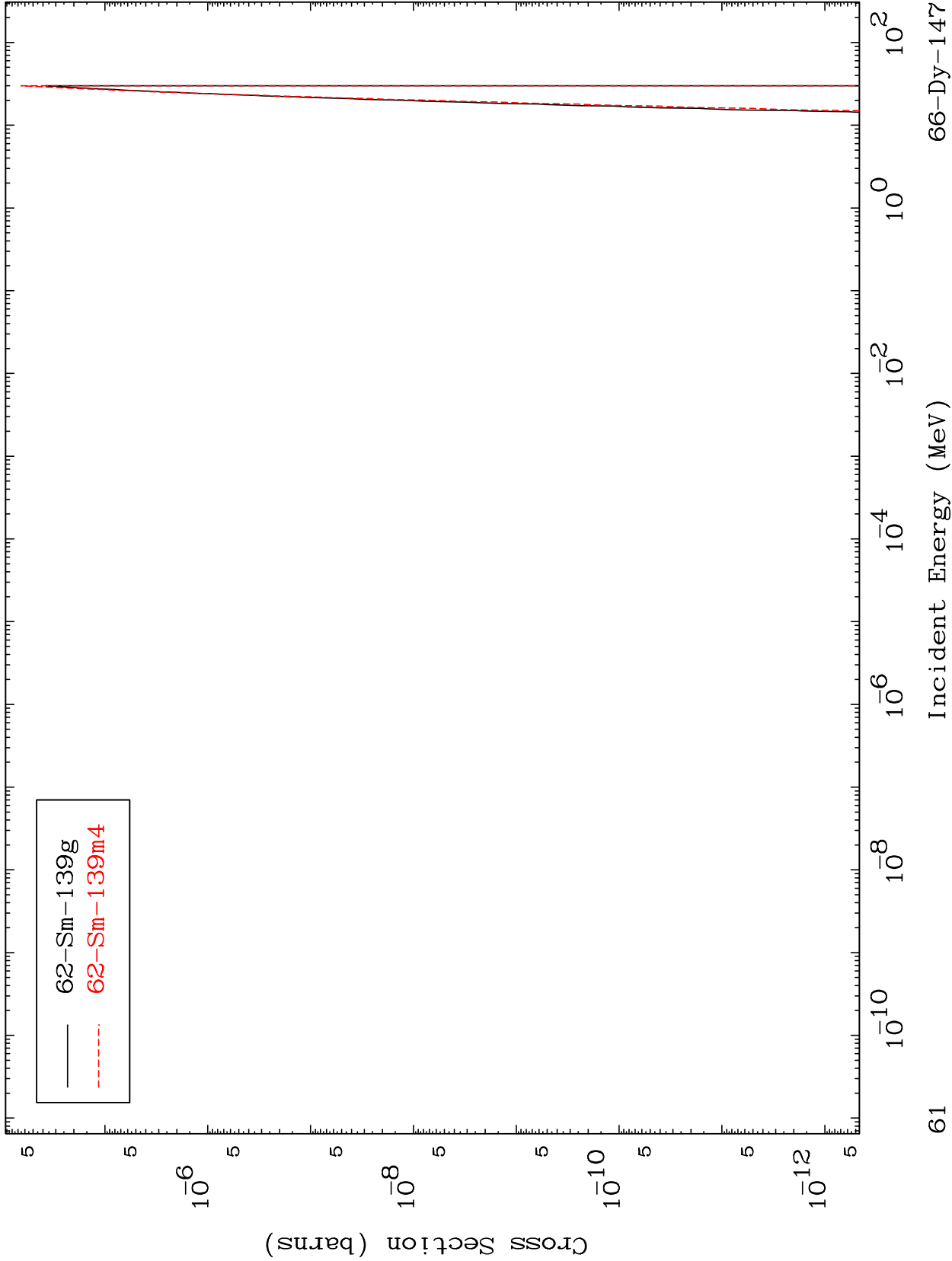


MAT 6598

(n,n') 2 α

66-Dy-147

Radionuclide Production Cross Section



61

Incident Energy (MeV)

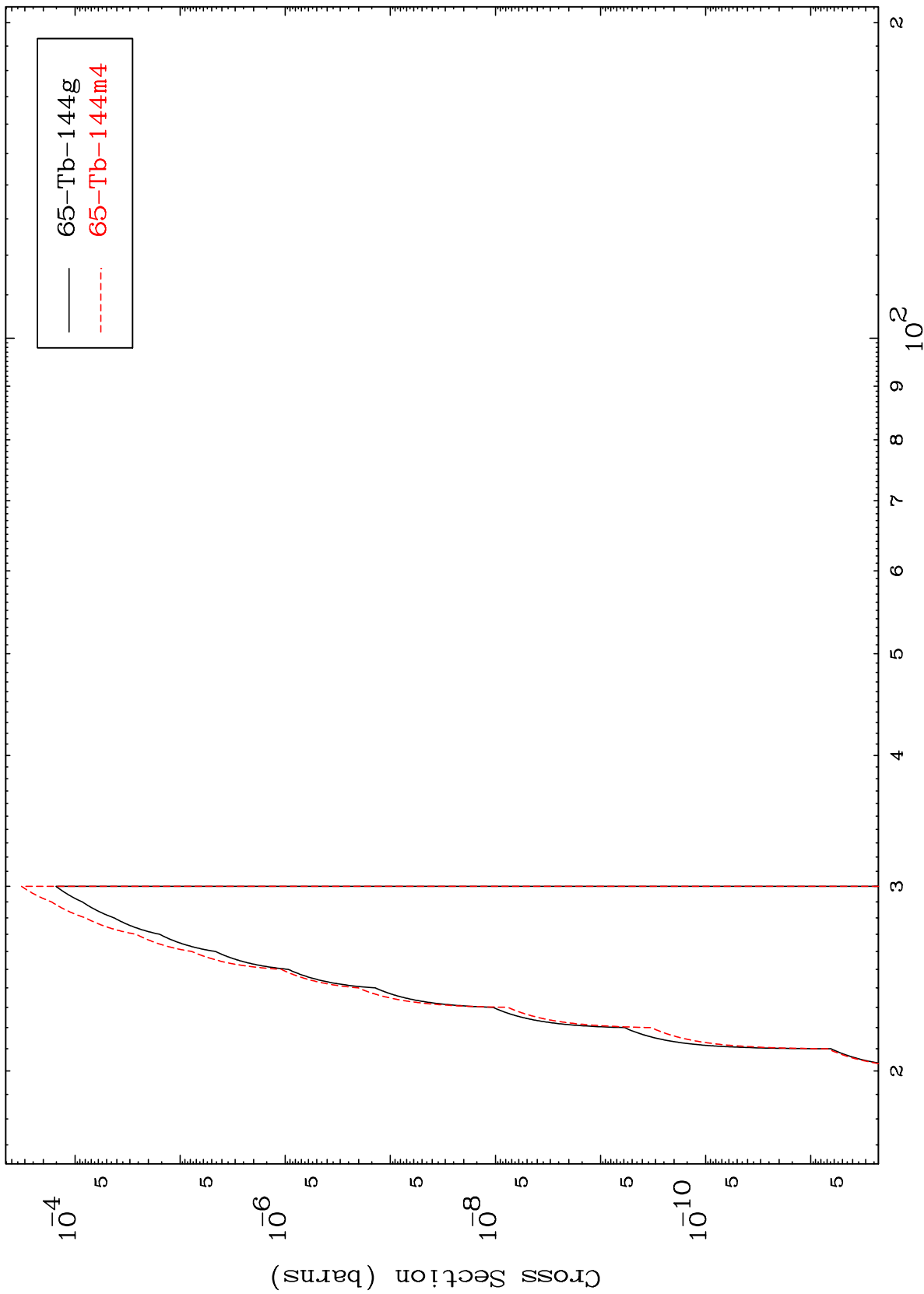
66-Dy-147

MAT 6598

(n,n') t

66-Dy-147

Radionuclide Production Cross Section



62

Incident Energy (MeV)

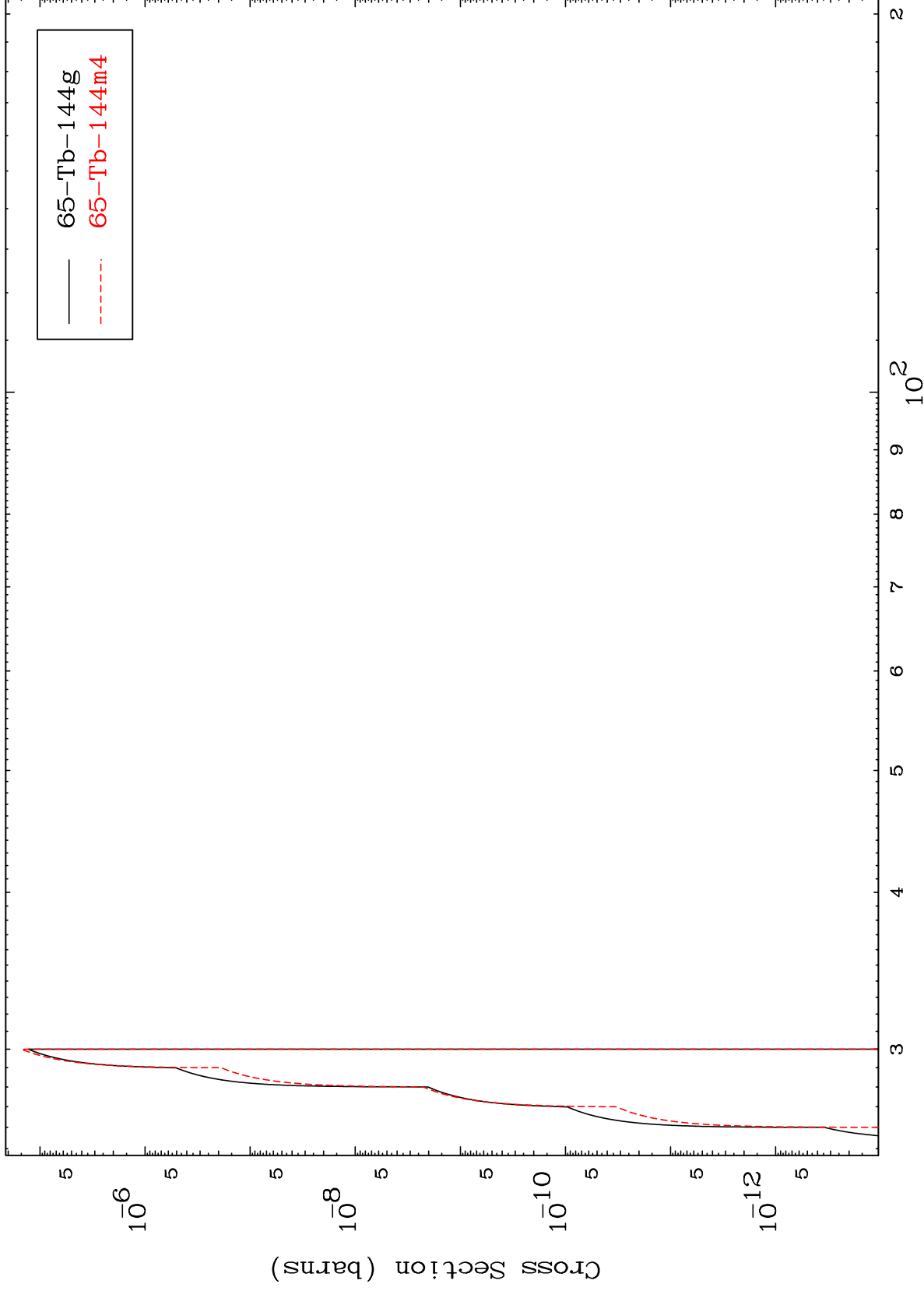
66-Dy-147

MAT 6598

(n,3n) p

66-Dy-147

Radionuclide Production Cross Section



63

Incident Energy (MeV)

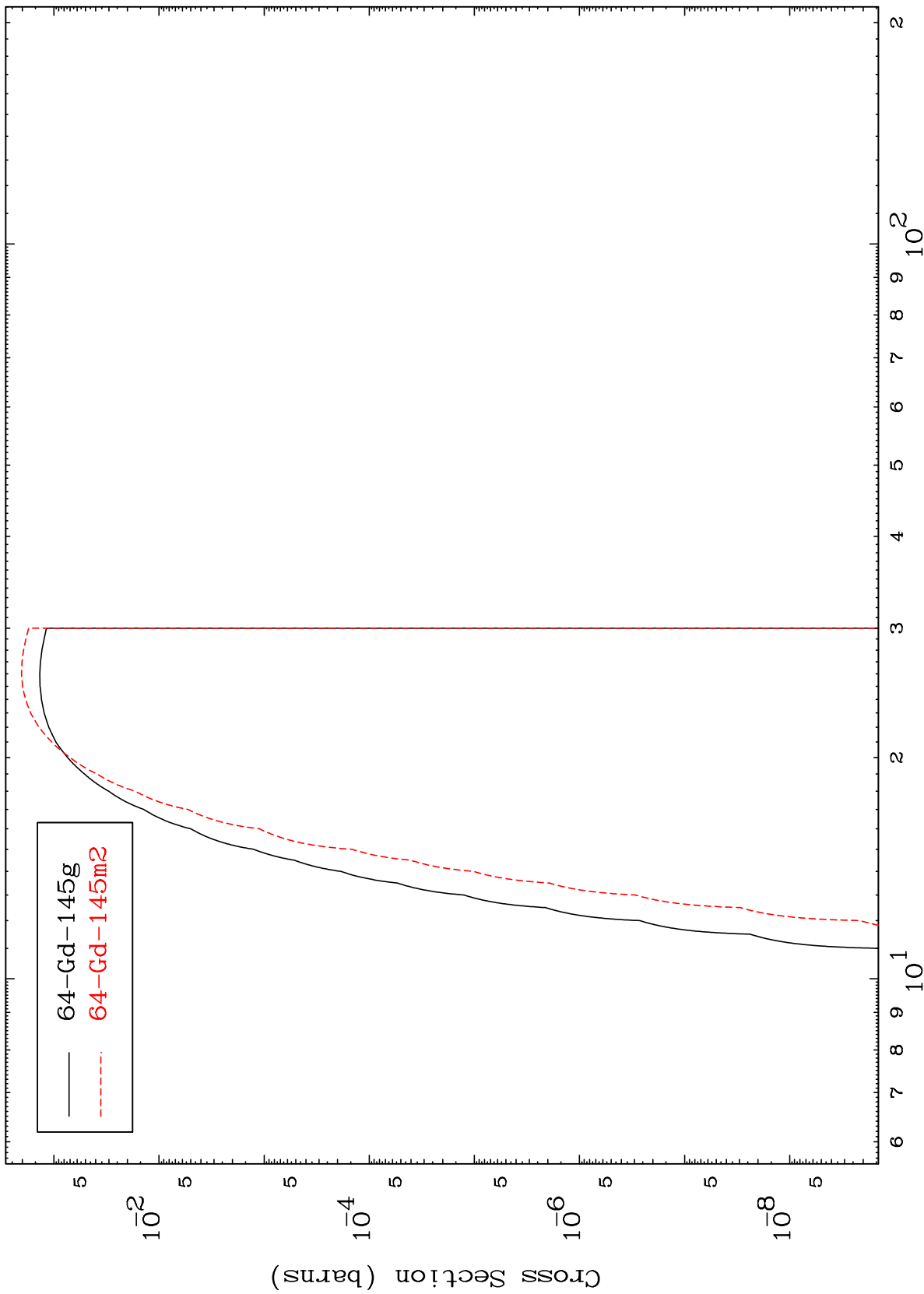
66-Dy-147

MAT 6598

(n,2n) p

66-Dy-147

Radionuclide Production Cross Section



64

Incident Energy (MeV)

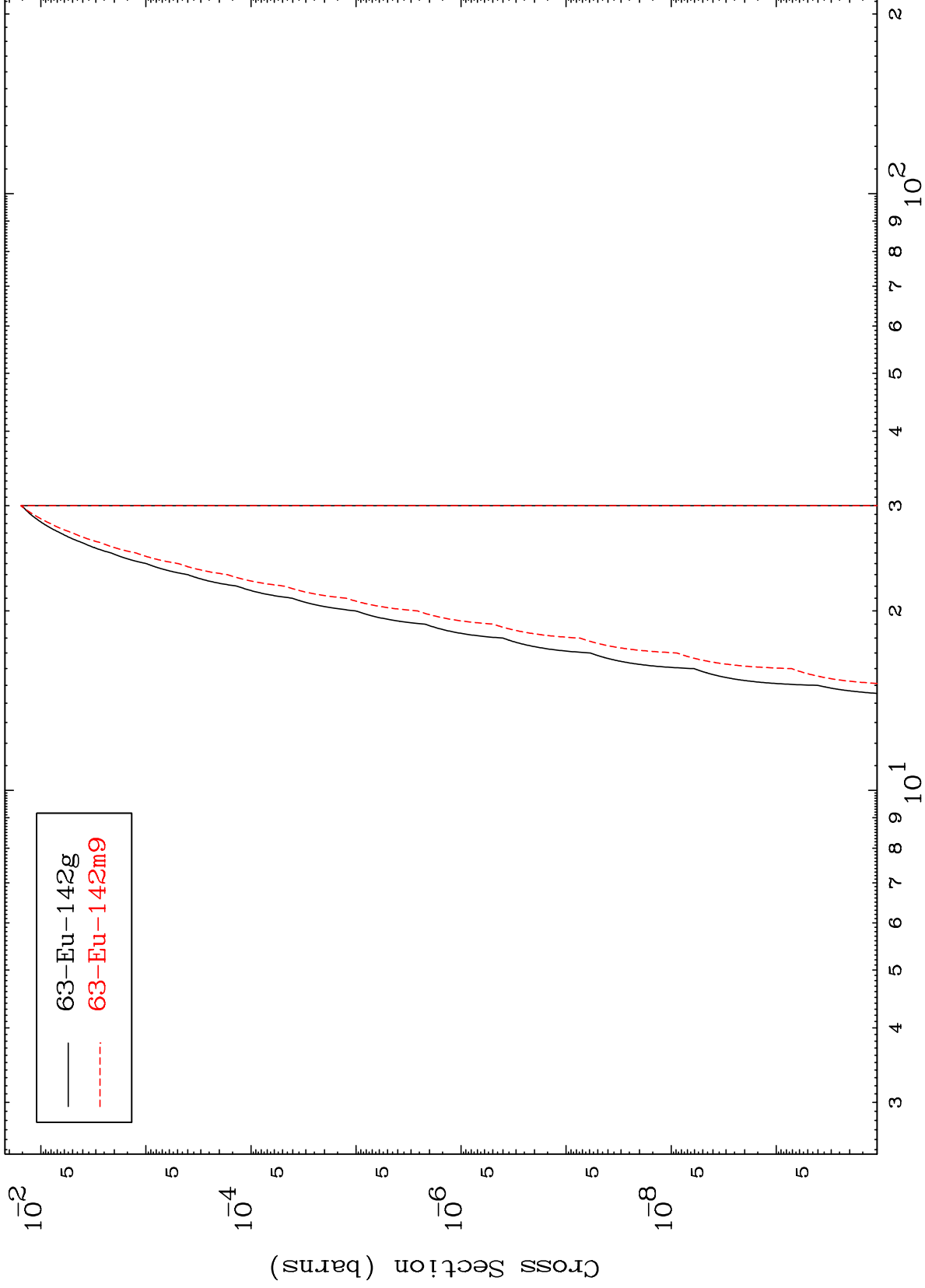
66-Dy-147

MAT 6598

(n,n') p α

66-Dy-147

Radionuclide Production Cross Section



65

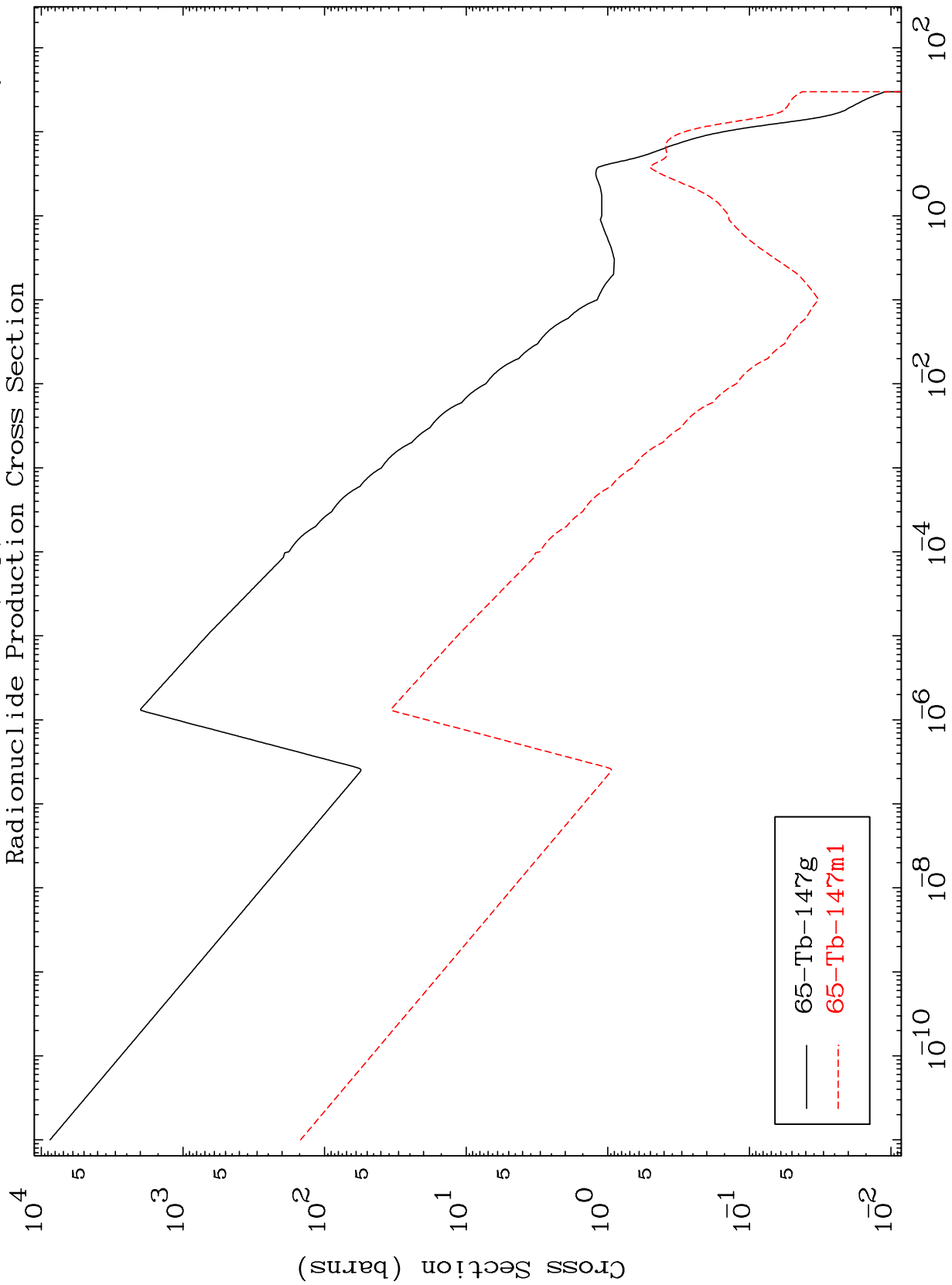
Incident Energy (MeV)

66-Dy-147

MAT 6598

66-Dy-147

(n,p)
Radionuclide Production Cross Section



66

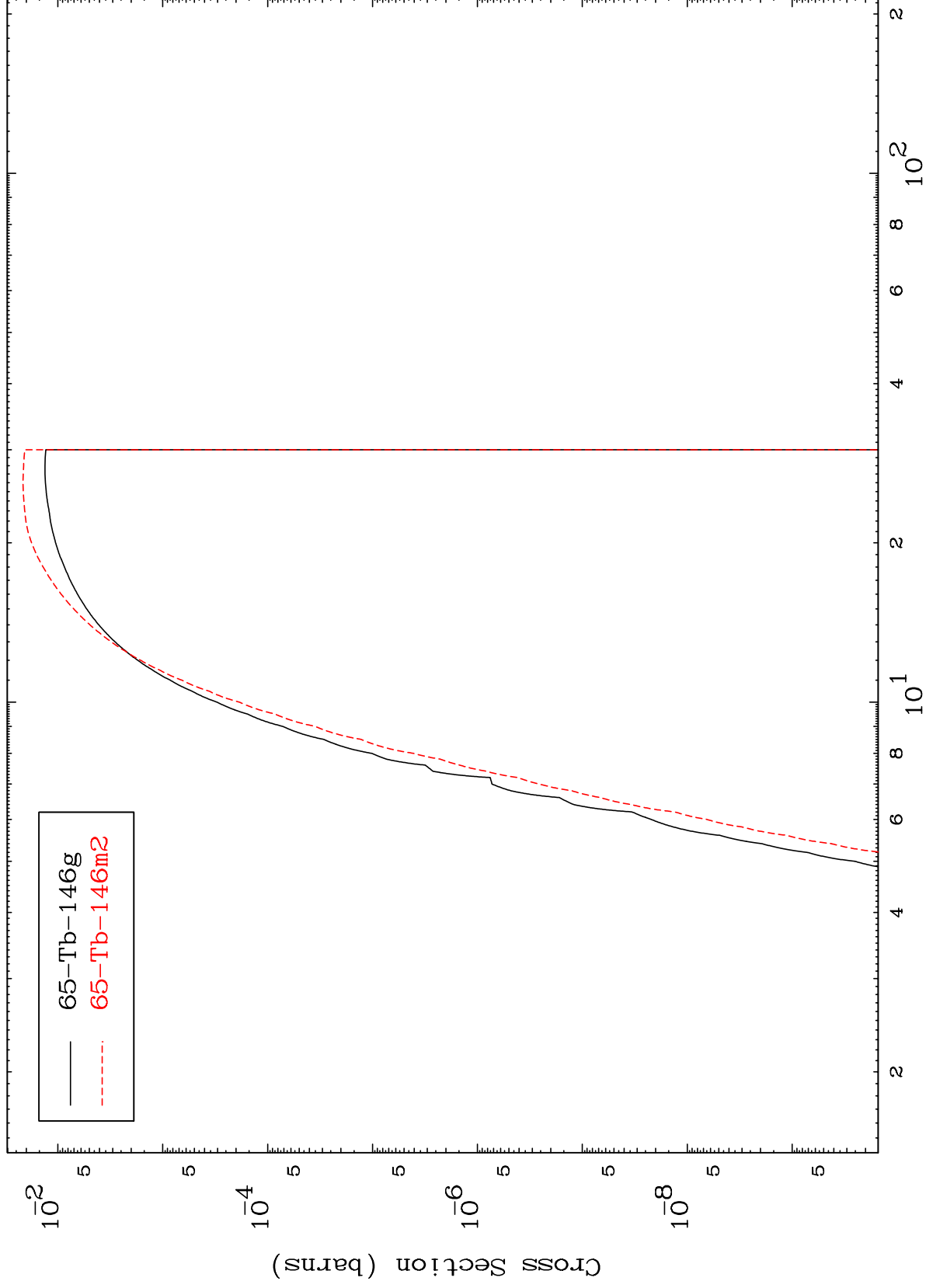
66-Dy-147

Incident Energy (MeV)

MAT 6598

66-Dy-147

(n,d)
Radionuclide Production Cross Section



67

Incident Energy (MeV)

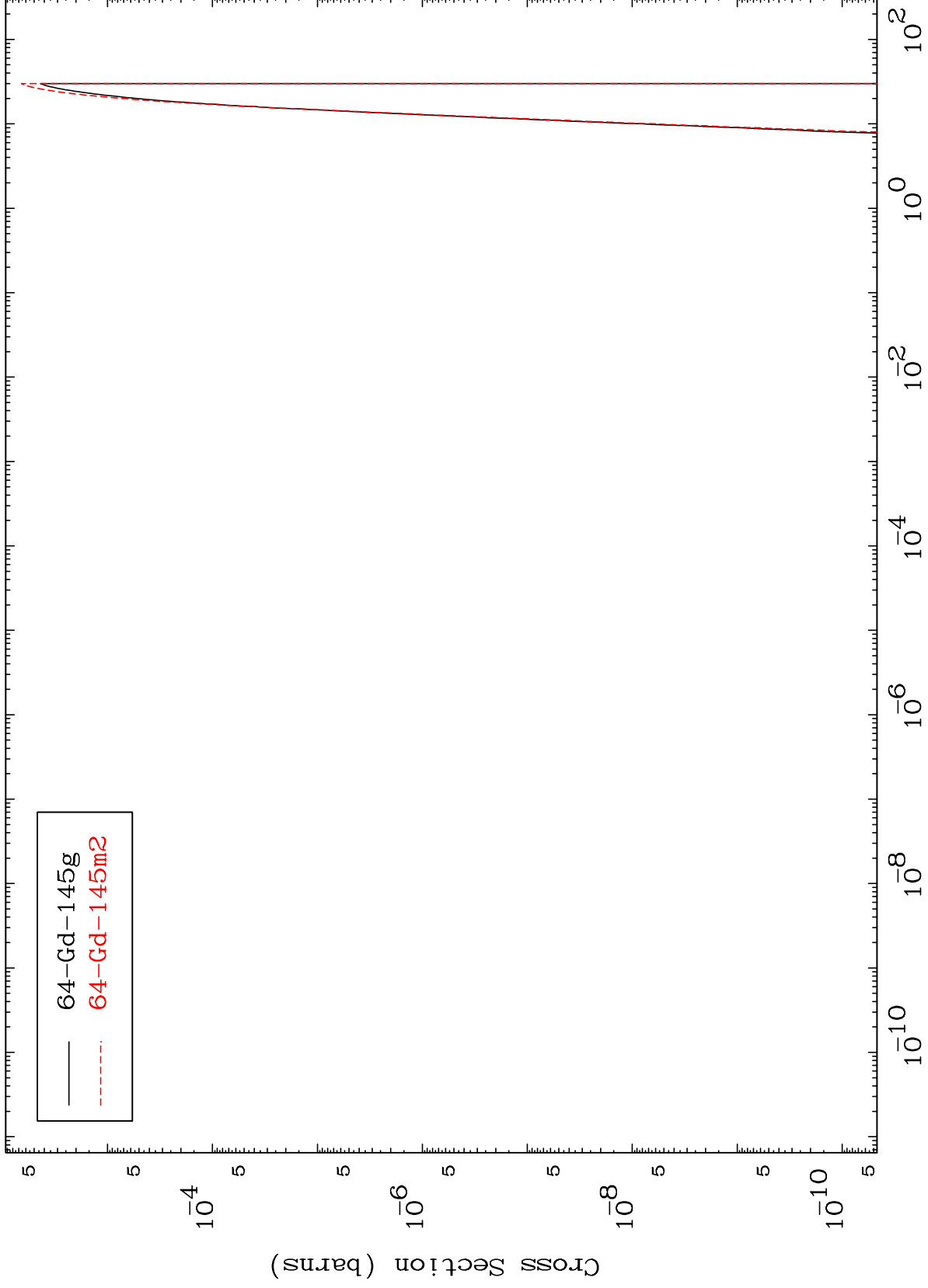
66-Dy-147

MAT 6598

(n,He-3)

66-Dy-147

Radionuclide Production Cross Section



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

68

Incident Energy (MeV)

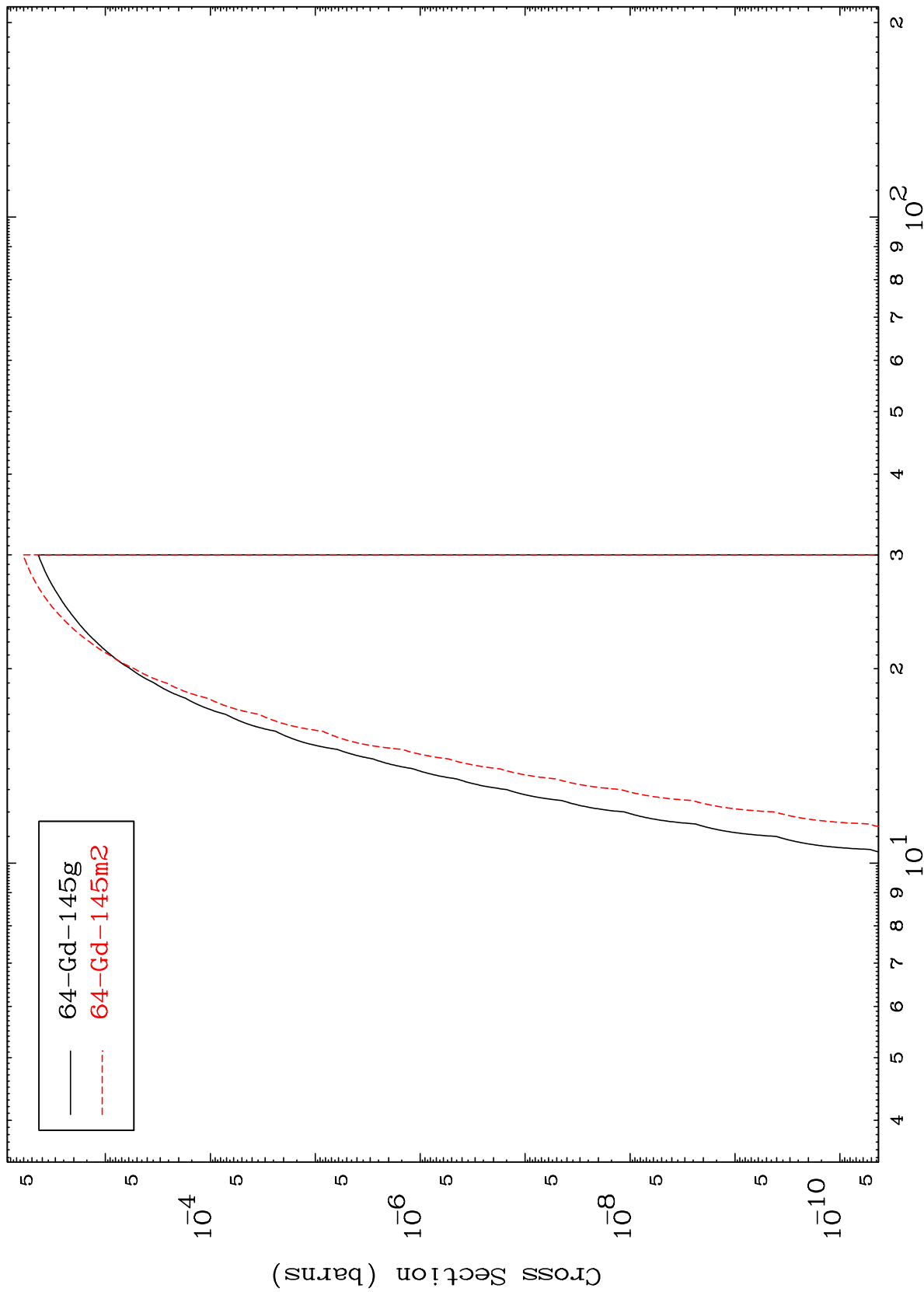
66-Dy-147

MAT 6598

(n,p) d

66-Dy-147

Radionuclide Production Cross Section



69

Incident Energy (MeV)

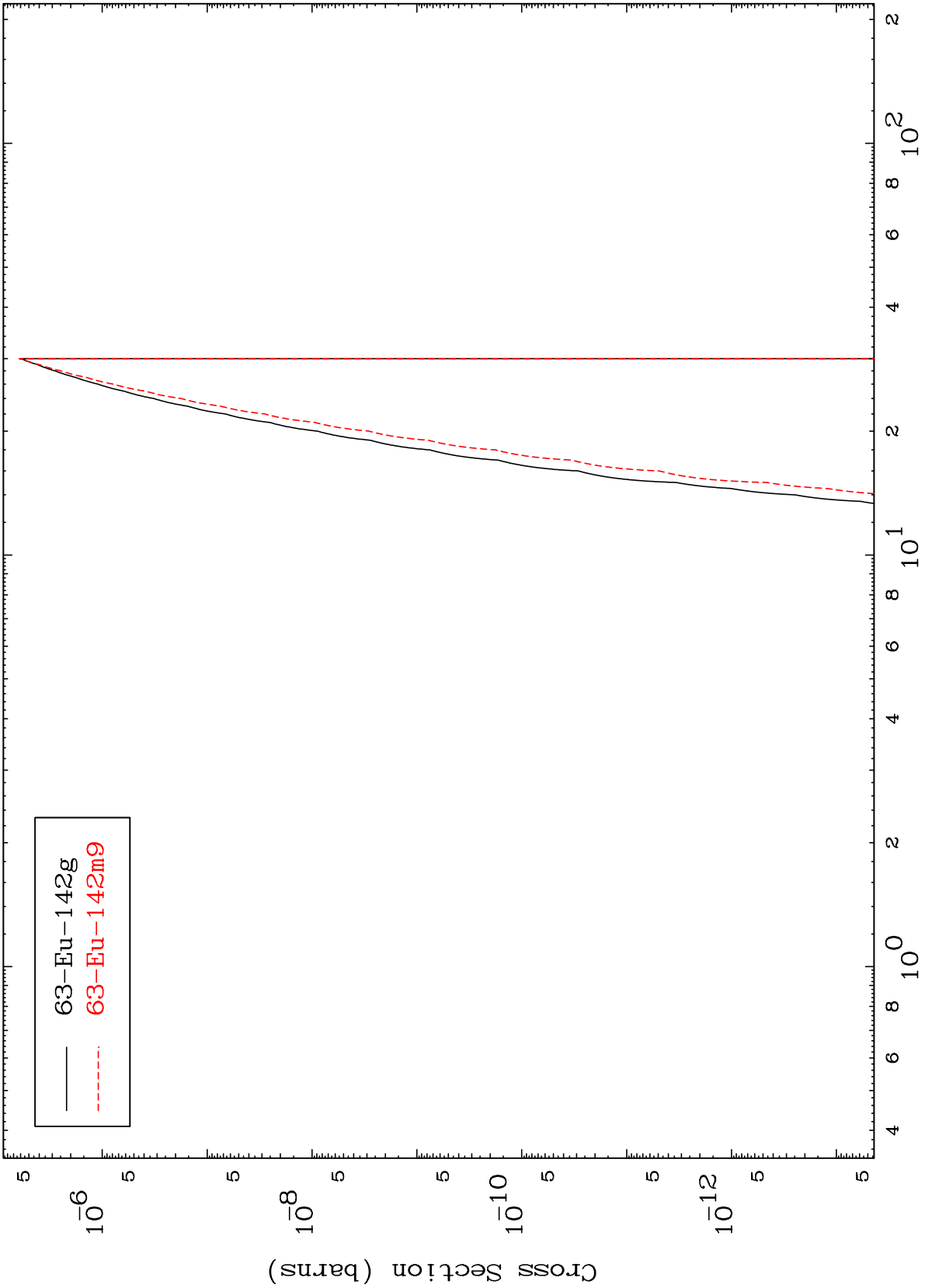
66-Dy-147

MAT 6598

(n,d) α

66-Dy-147

Radionuclide Production Cross Section



70

Incident Energy (MeV)

66-Dy-147