

Program EVALPLOT
(Version 2015-2)

by

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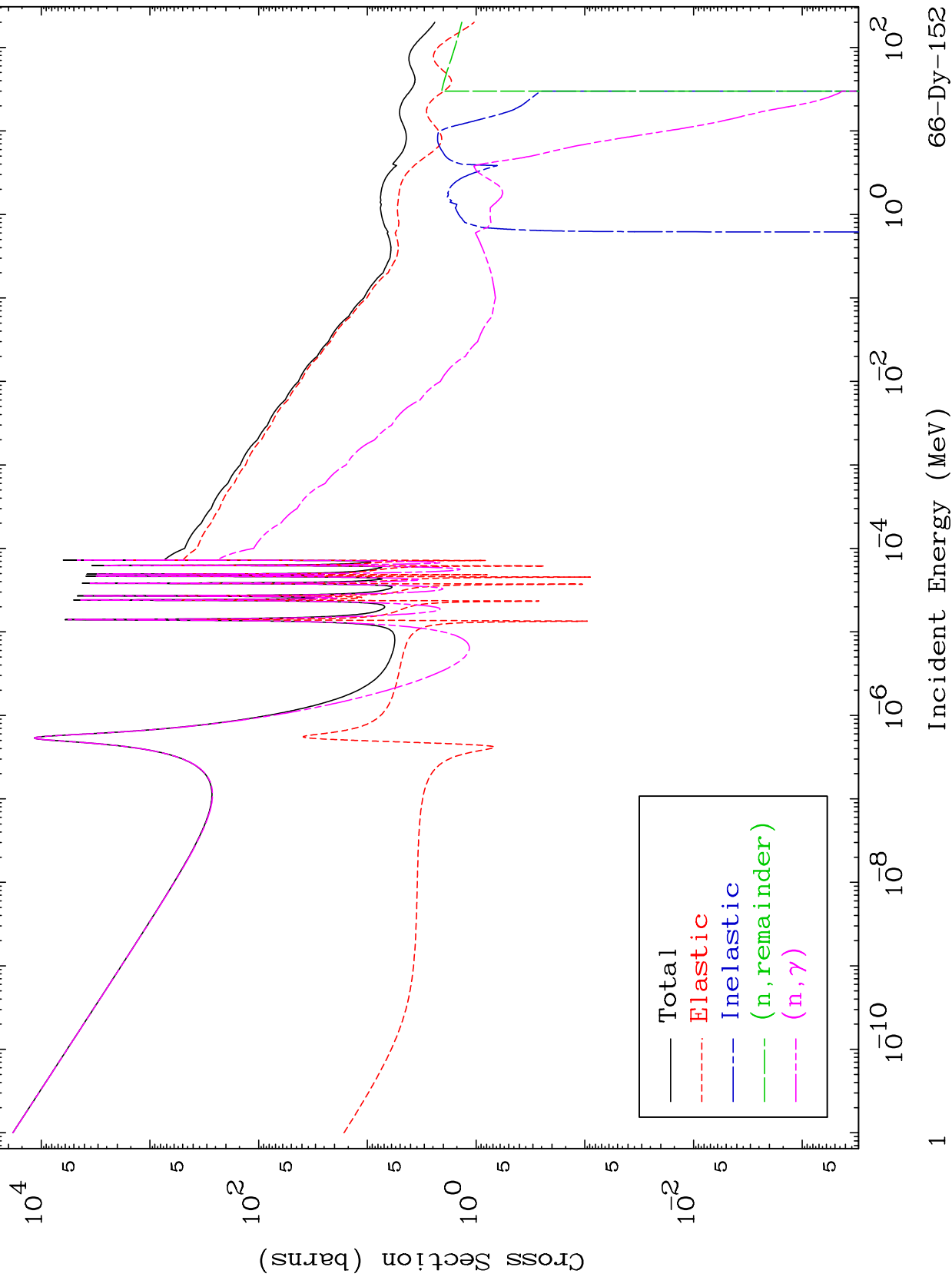
Press Mouse Button to Start

MAT 6613

Major

293 Kelvin Cross Sections

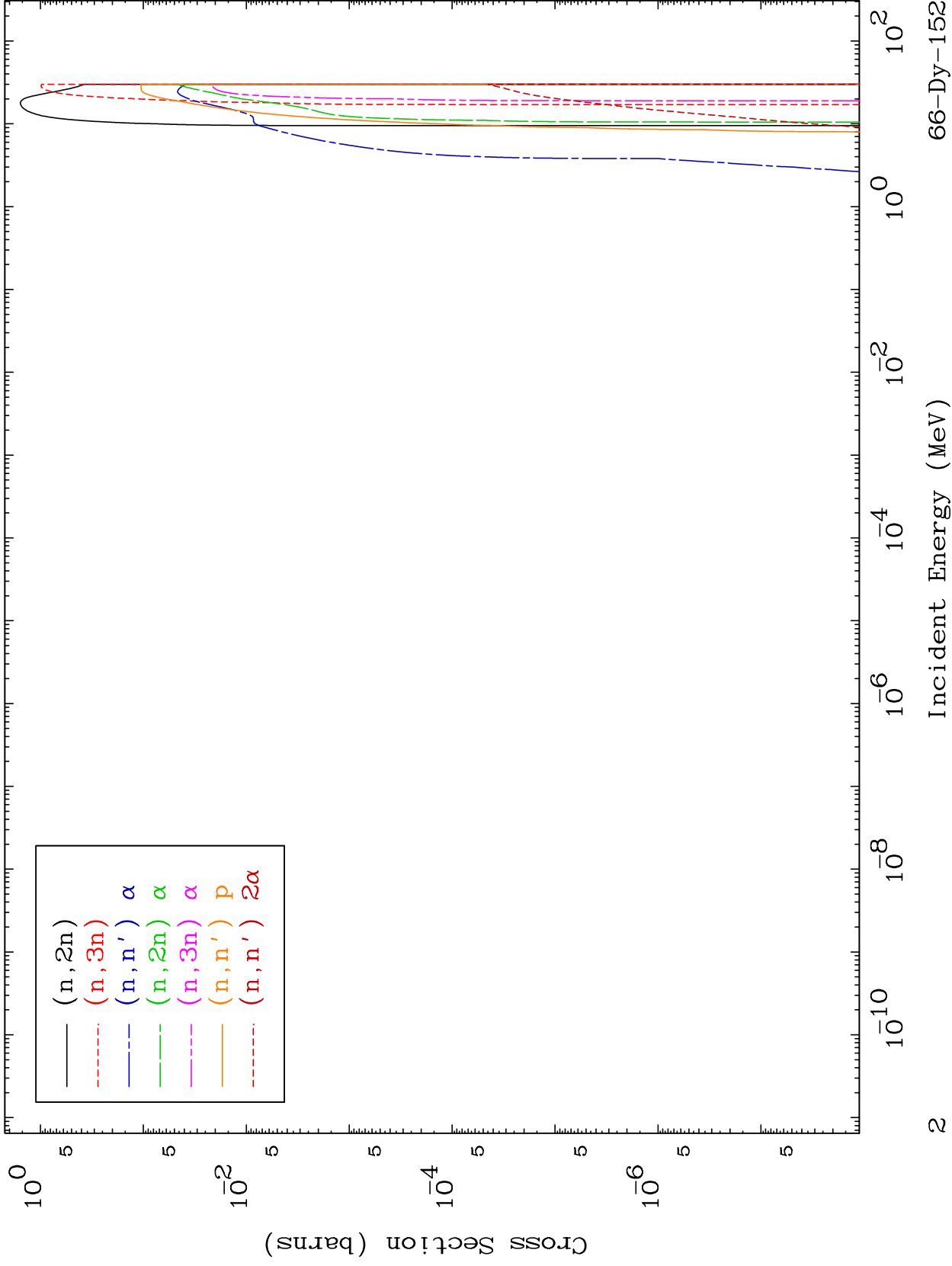
66-Dy-152

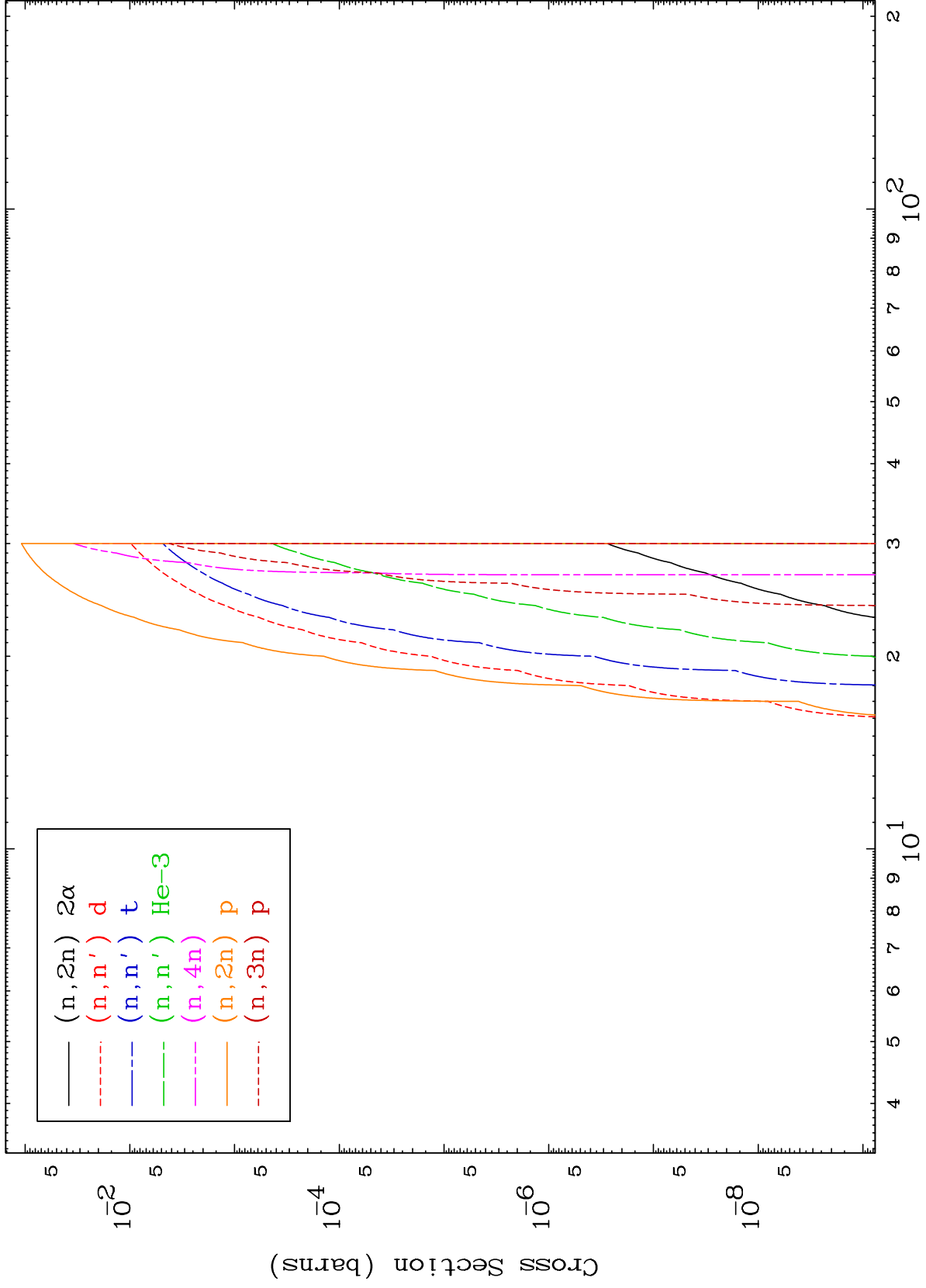


MAT 6613

Neutron Production
293 Kelvin Cross Sections

66-Dy-152

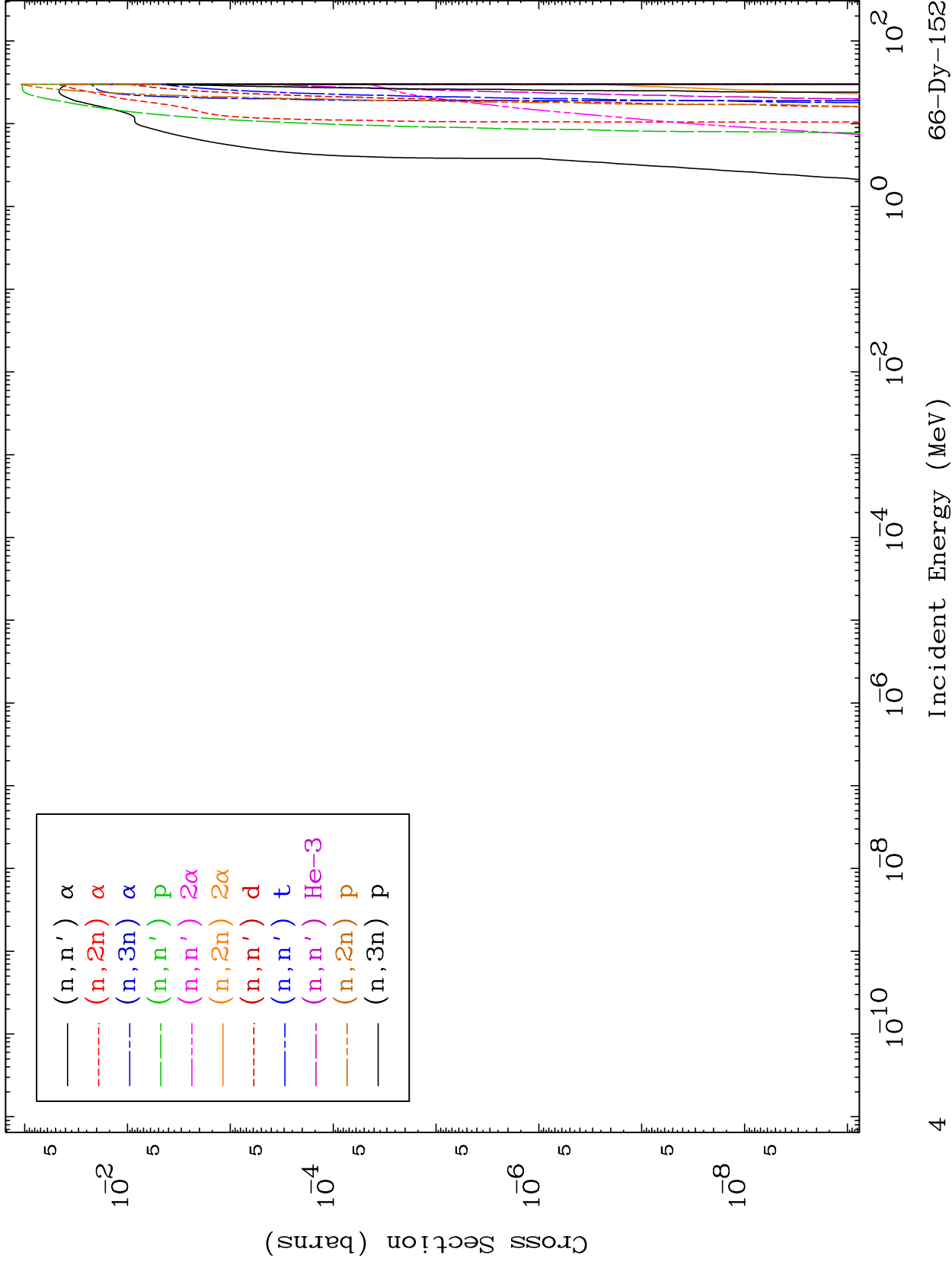




MAT 6613

Charged Particle
293 Kelvin Cross Sections

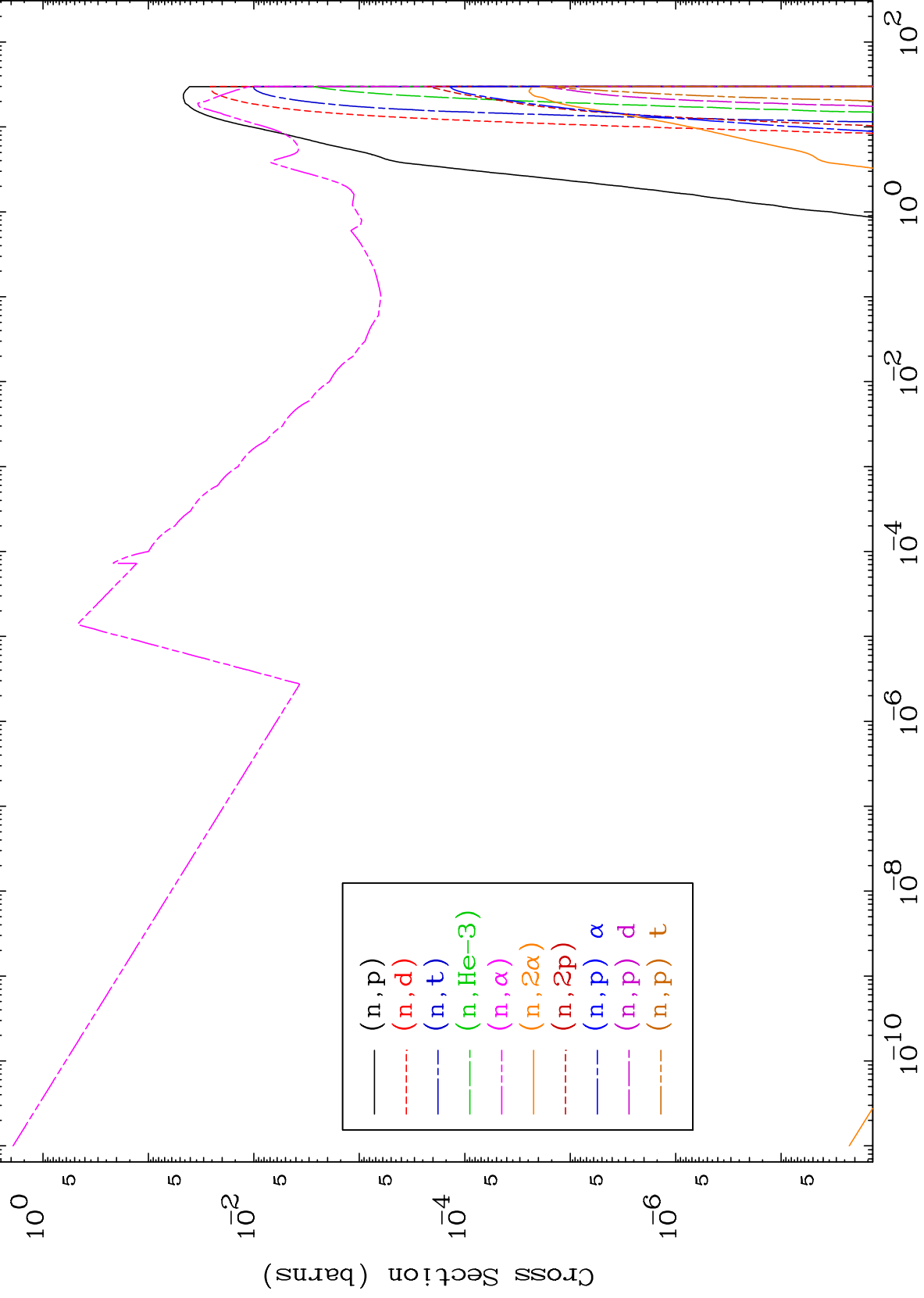
66-Dy-152



MAT 6613

Charged Particle
293 Kelvin Cross Sections

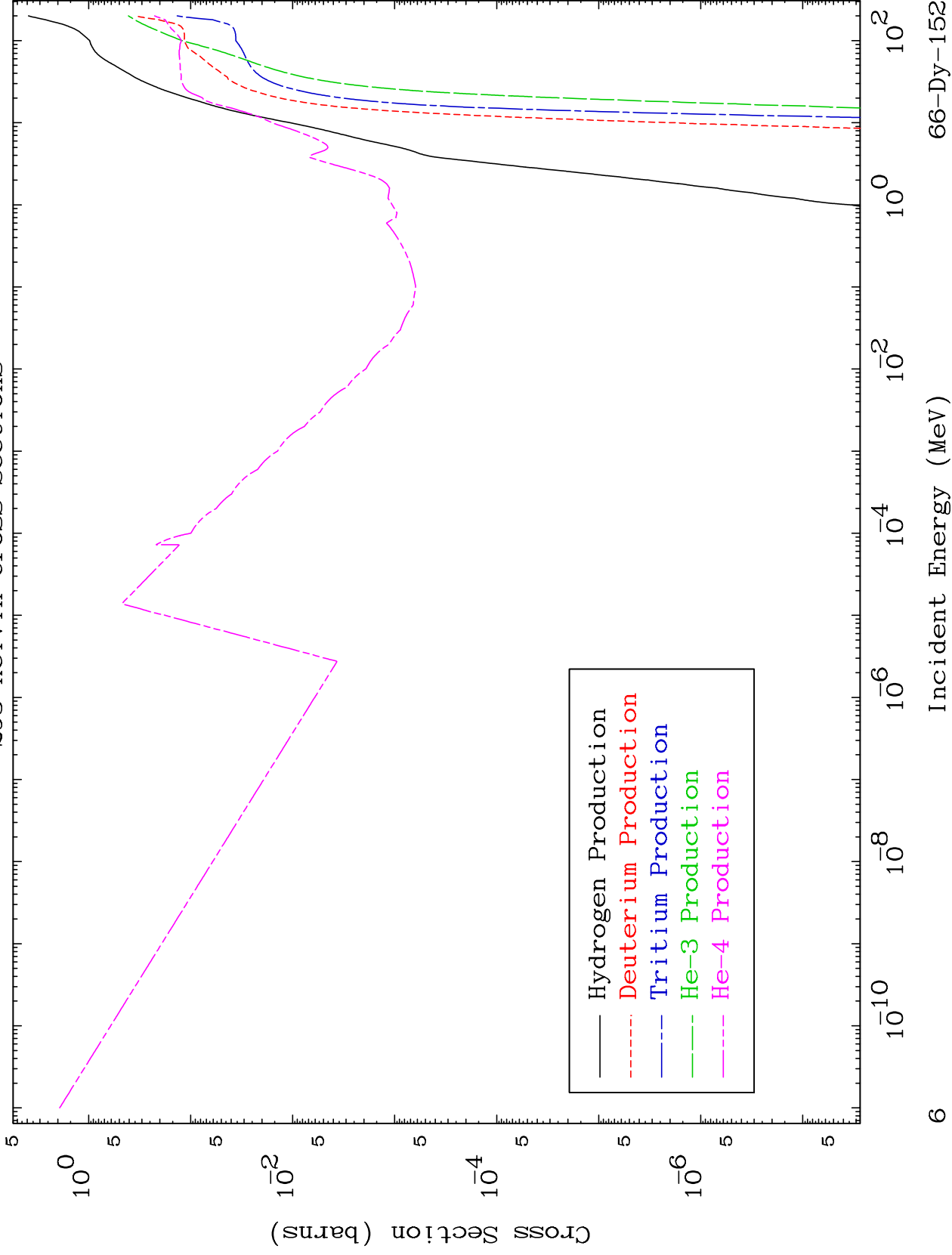
66-Dy-152



MAT 6613

Particle Production
293 Kelvin Cross Sections

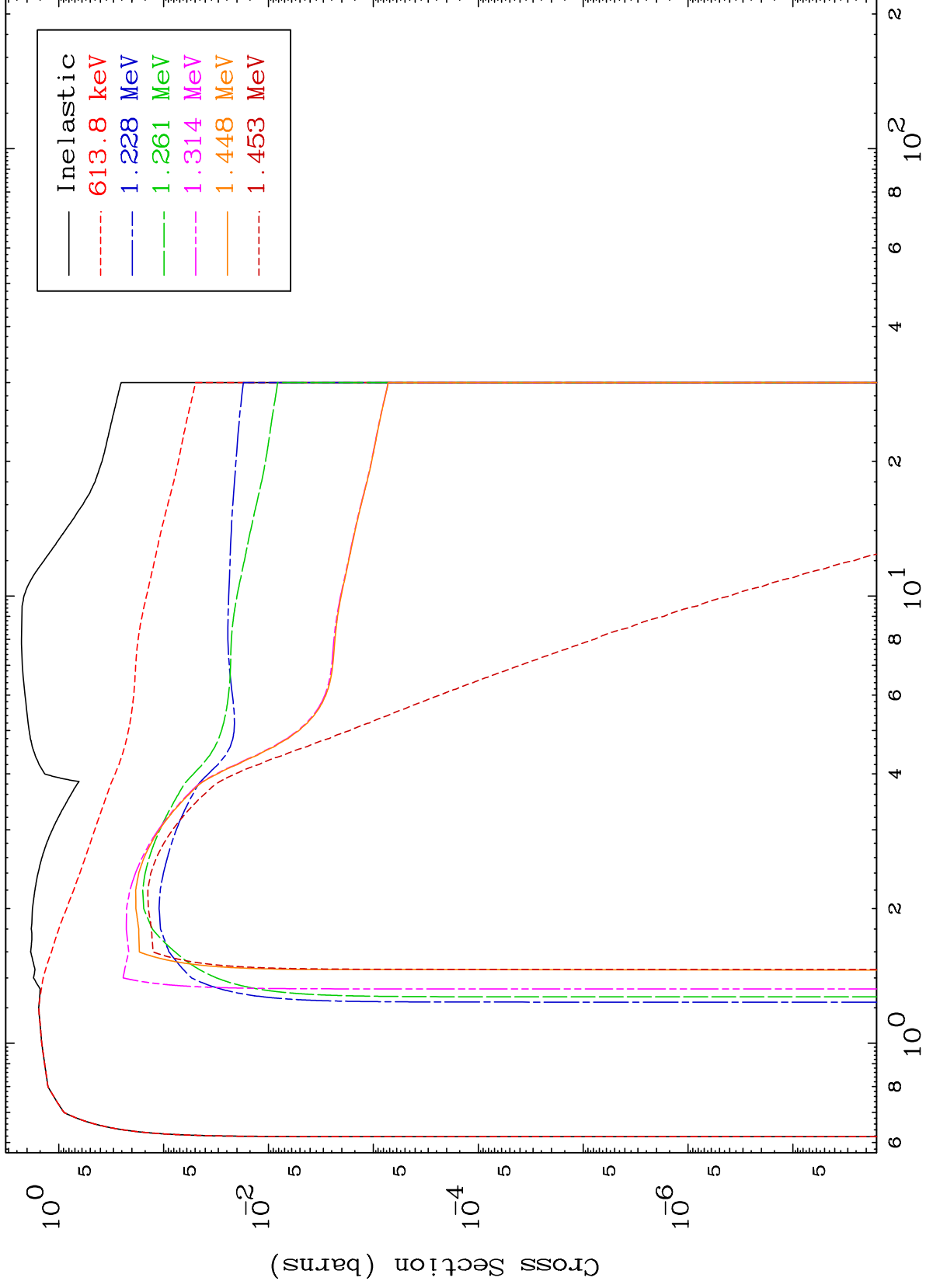
66-Dy-152



MAT 6613

(n,n') Level
293 Kelvin Cross Sections

66-Dy-152



7

Incident Energy (MeV)

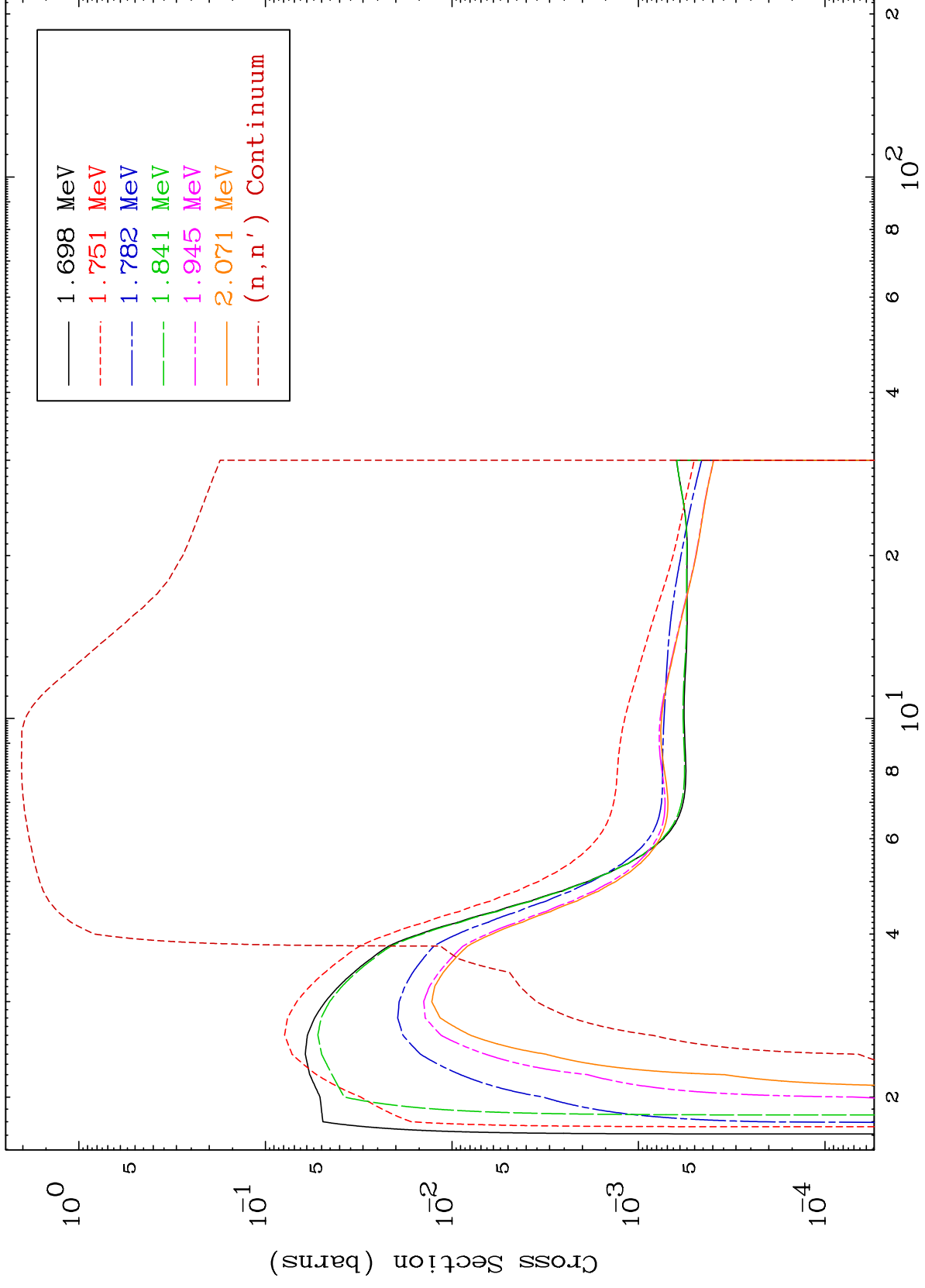
66-Dy-152

MAT 6613

(n,n') Level

66-Dy-152

293 Kelvin Cross Sections



8

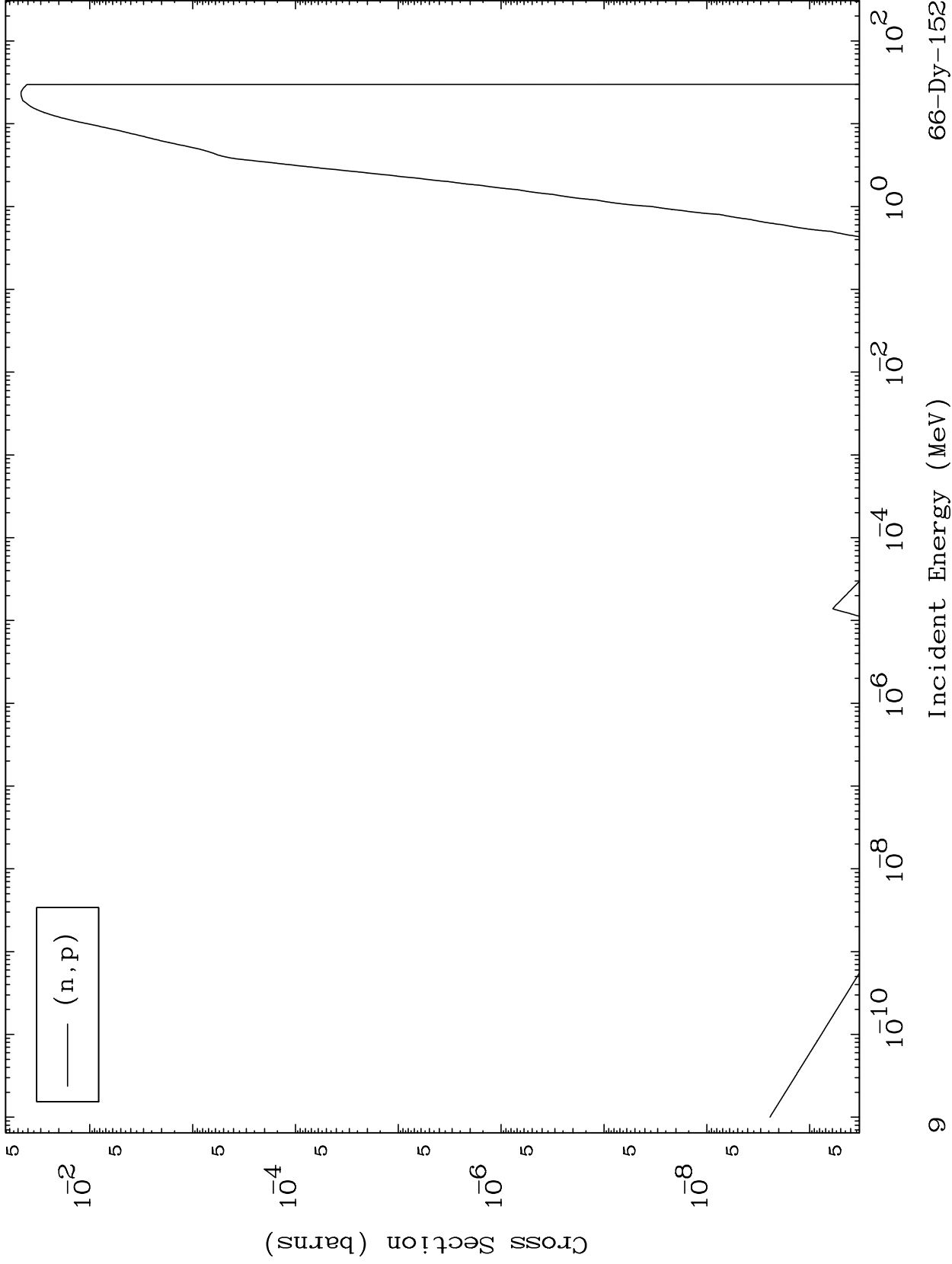
Incident Energy (MeV)

66-Dy-152

MAT 6613

(n,p) Levels
293 Kelvin Cross Sections

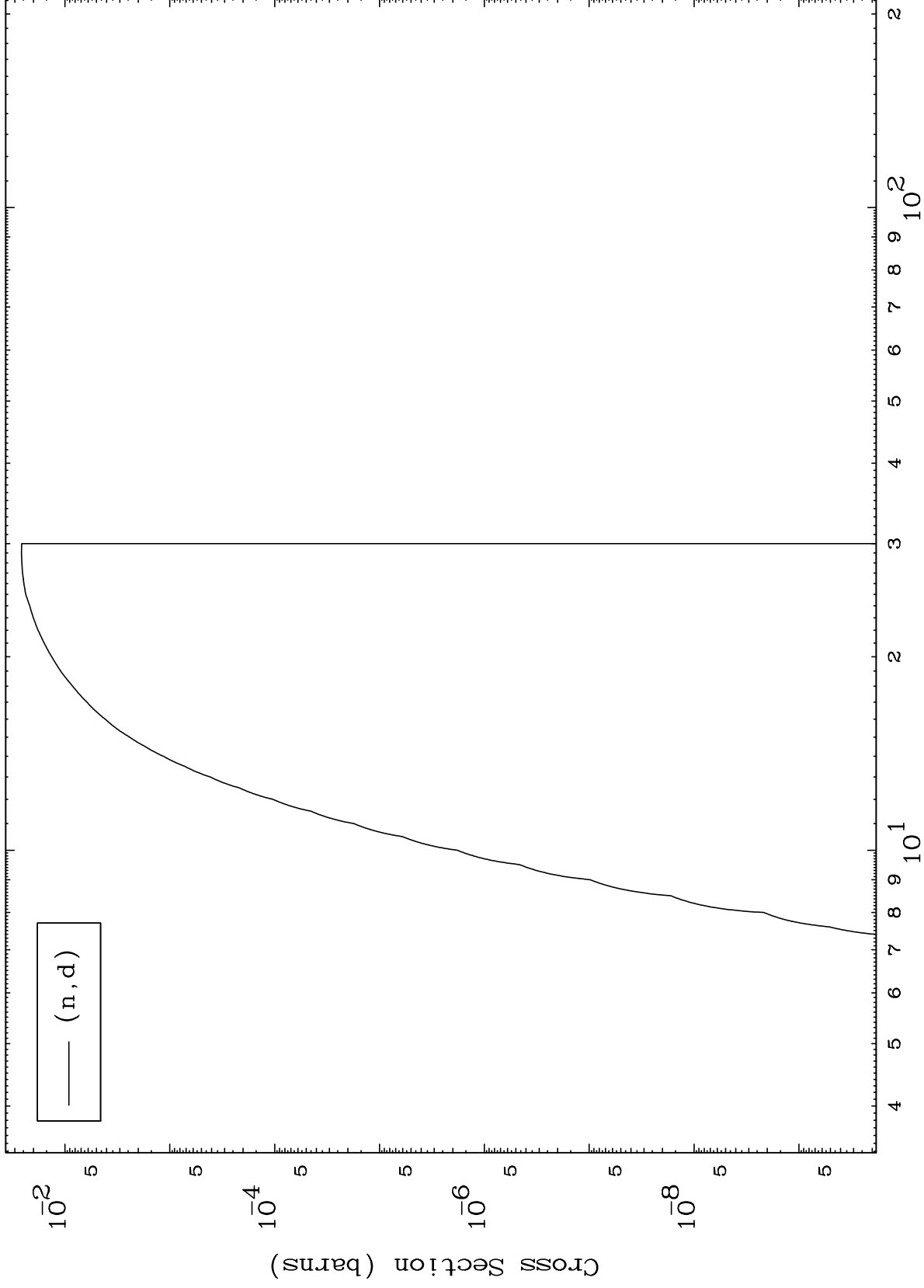
66-Dy-152



MAT 6613

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-152



10

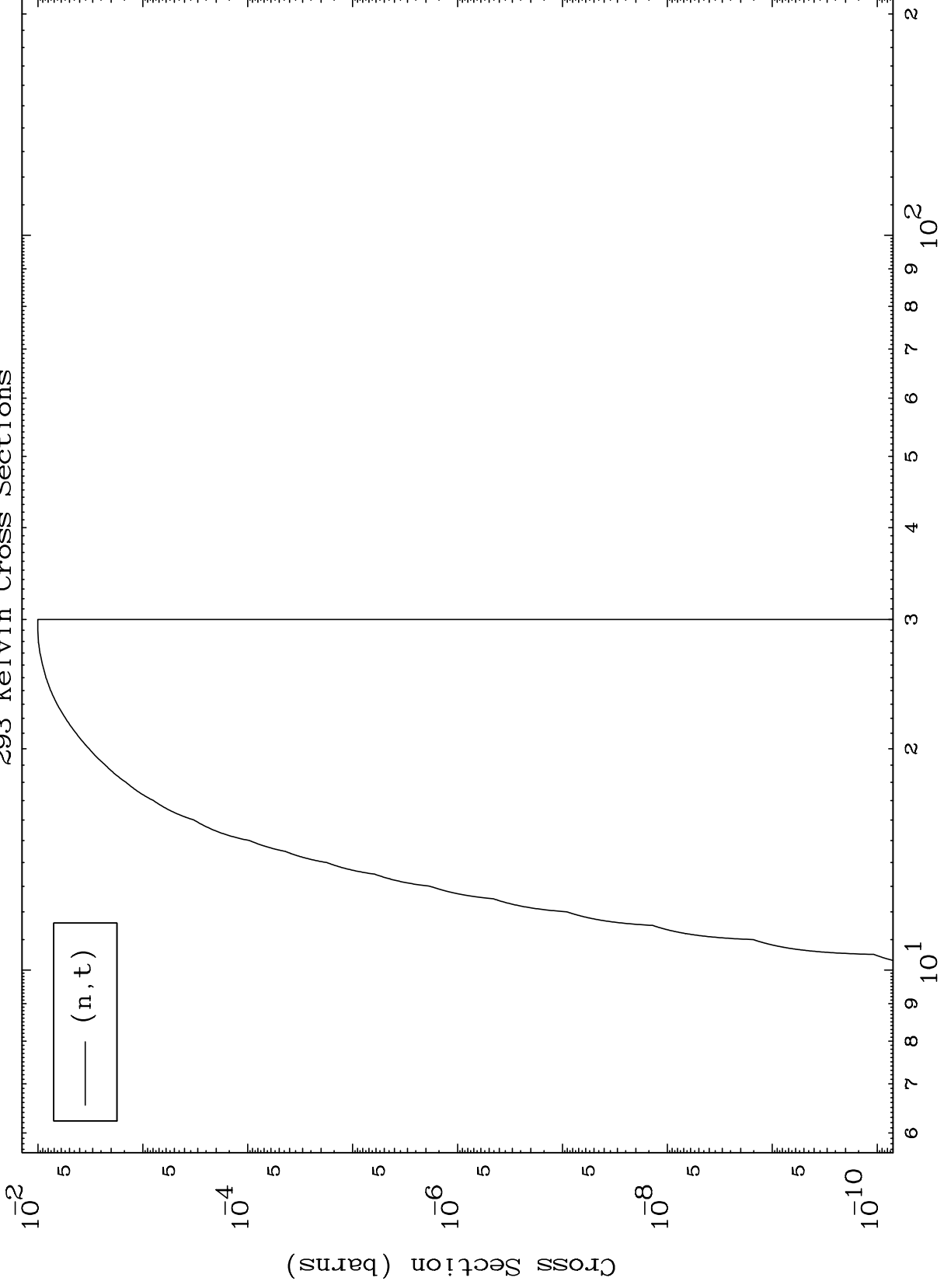
Incident Energy (MeV)

66-Dy-152

MAT 6613

(n,t) Levels
293 Kelvin Cross Sections

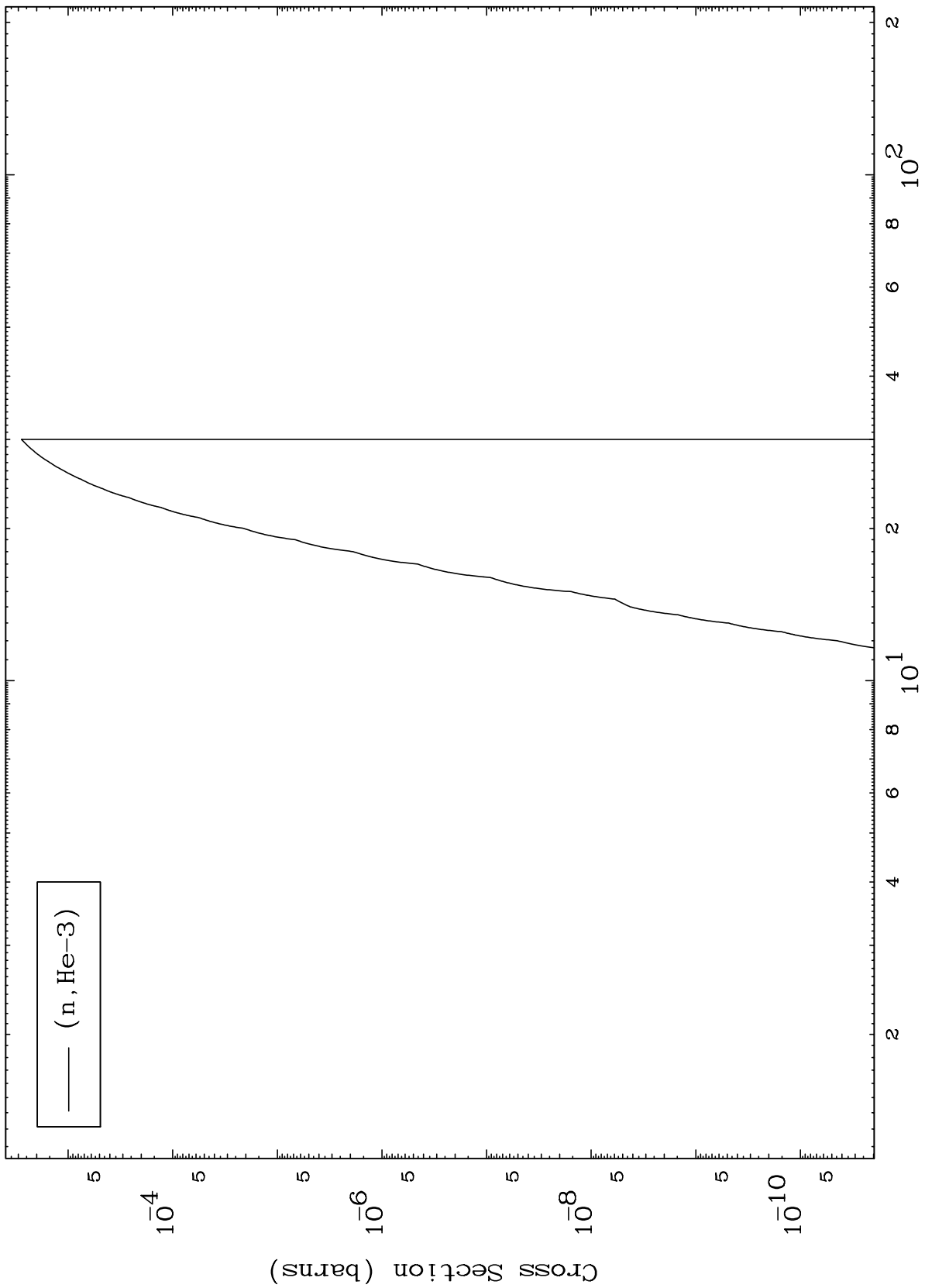
66-Dy-152



MAT 6613

(n,He3) Levels
293 Kelvin Cross Sections

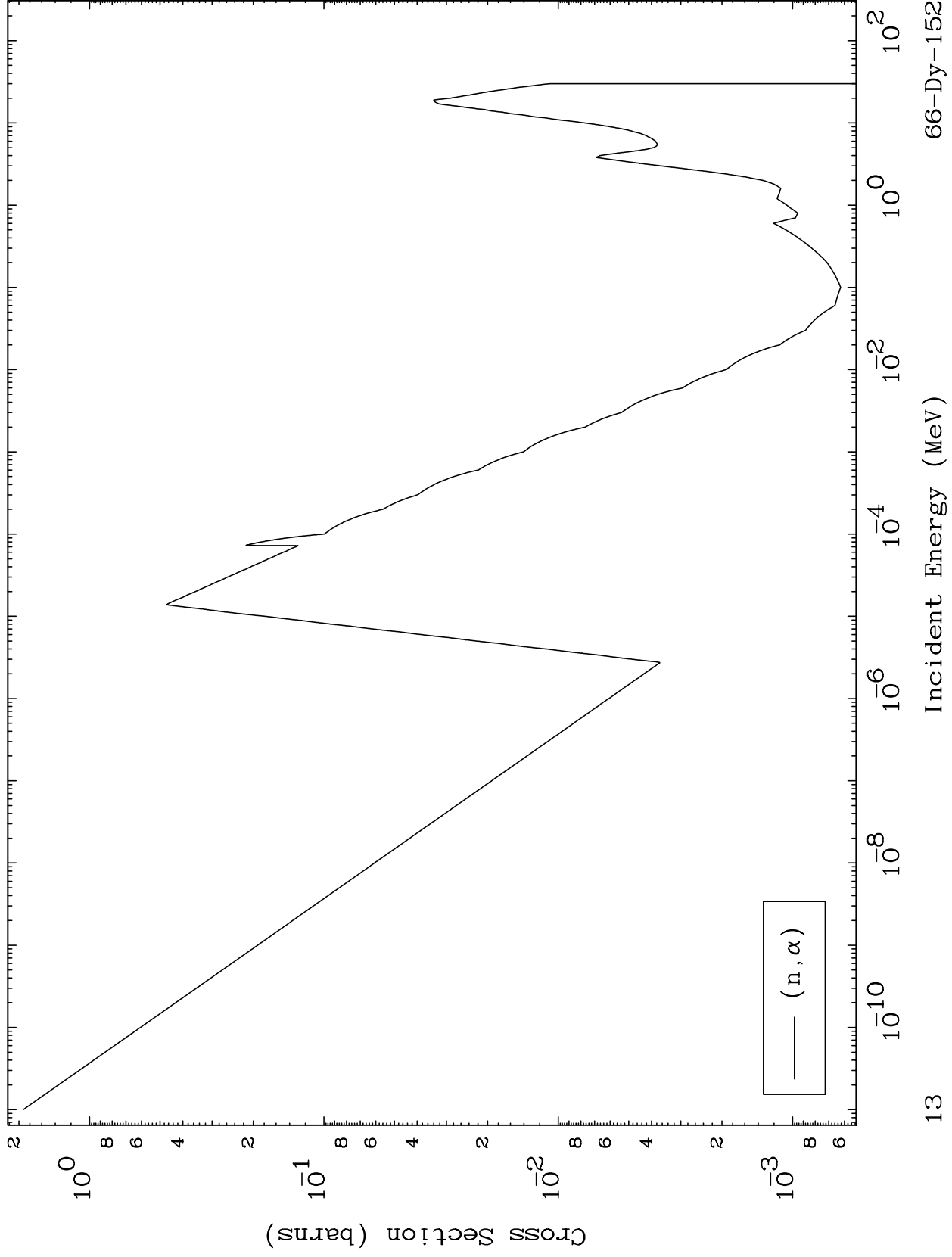
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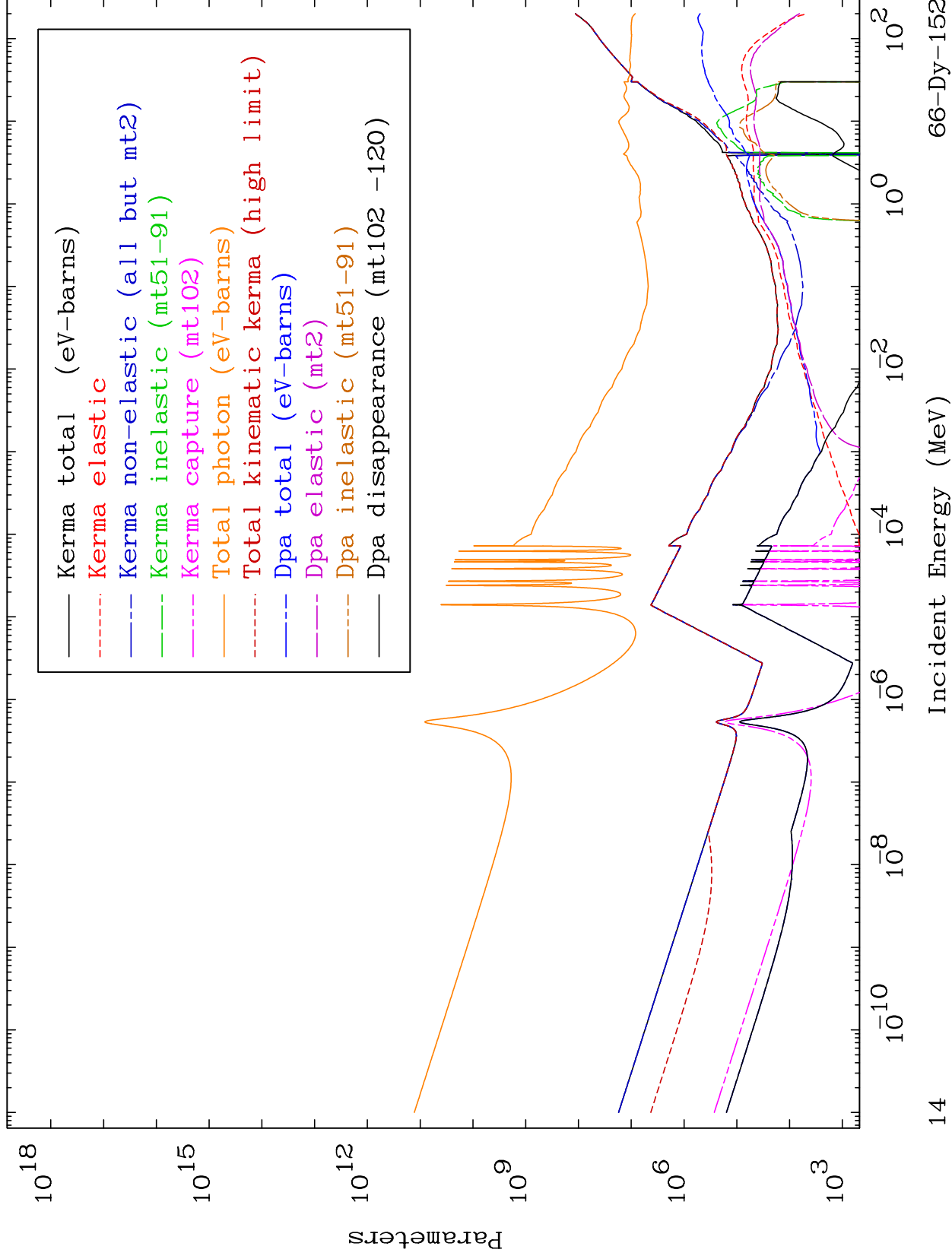


MAT 6613

(n, α) Levels
293 Kelvin Cross Sections

66-Dy-152

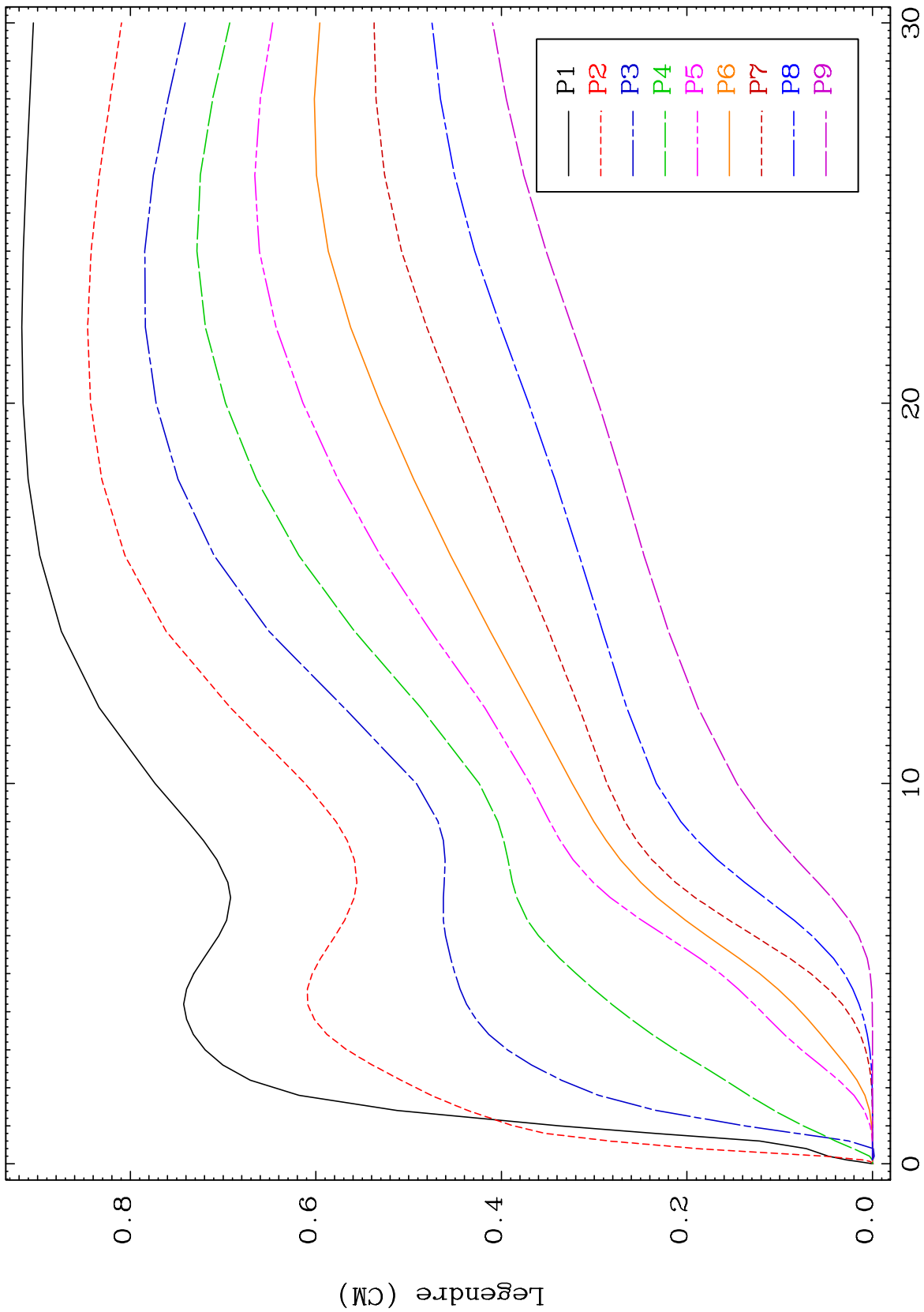




MAT 6613

Elastic Legendre Coefficients

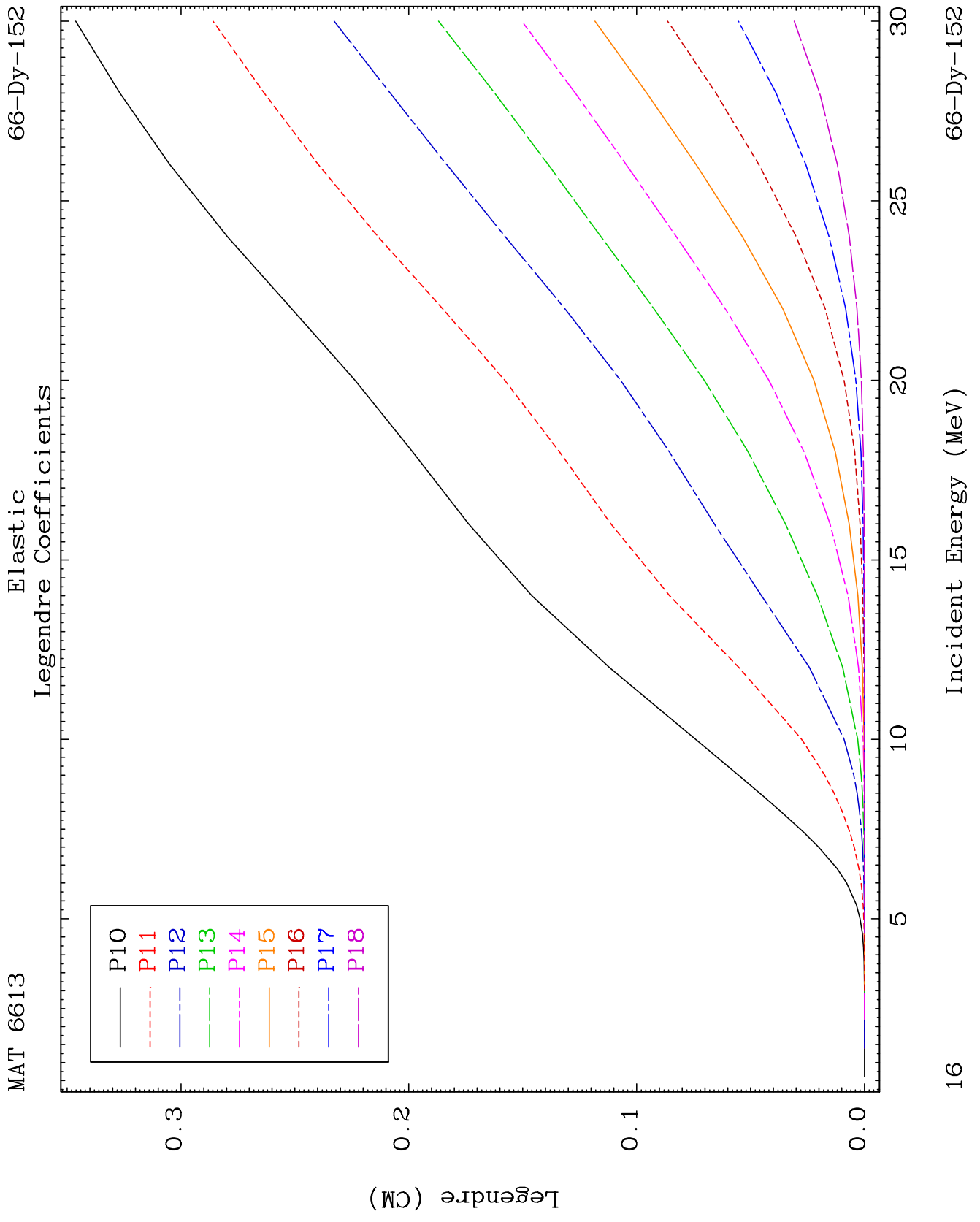
66-Dy-152



15

Incident Energy (MeV)

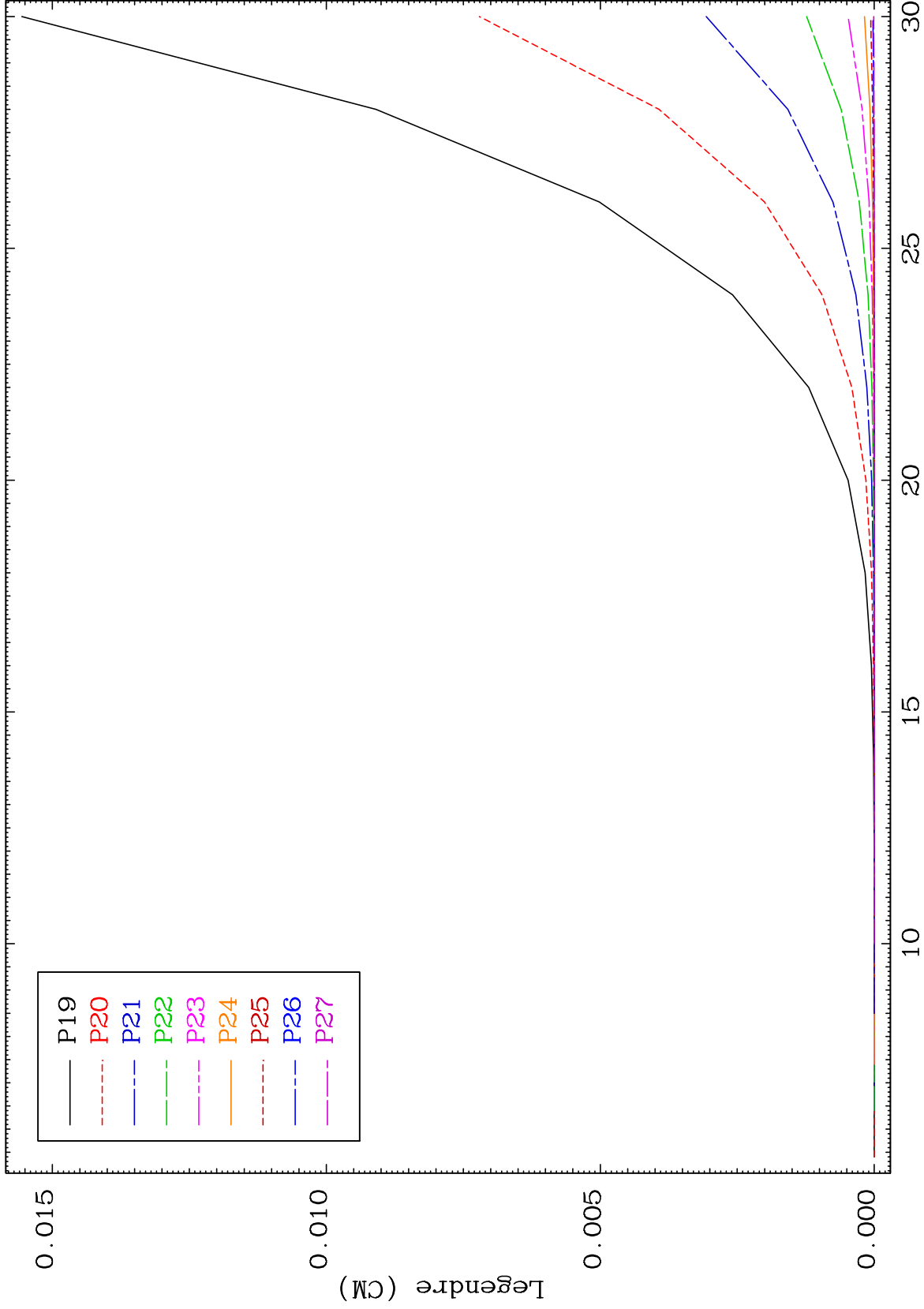
66-Dy-152



MAT 6613

Elastic Legendre Coefficients

66-Dy-152



17

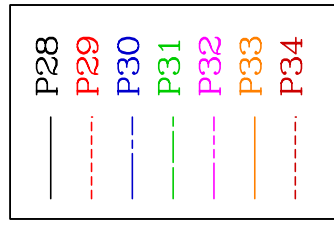
Incident Energy (MeV)

66-Dy-152

MAT 6613

Elastic Legendre Coefficients

66-Dy-152



$\times 10^{-6}$

Legendre (CM)

2.0

1.5

1.0

0.5

0.0

15

20

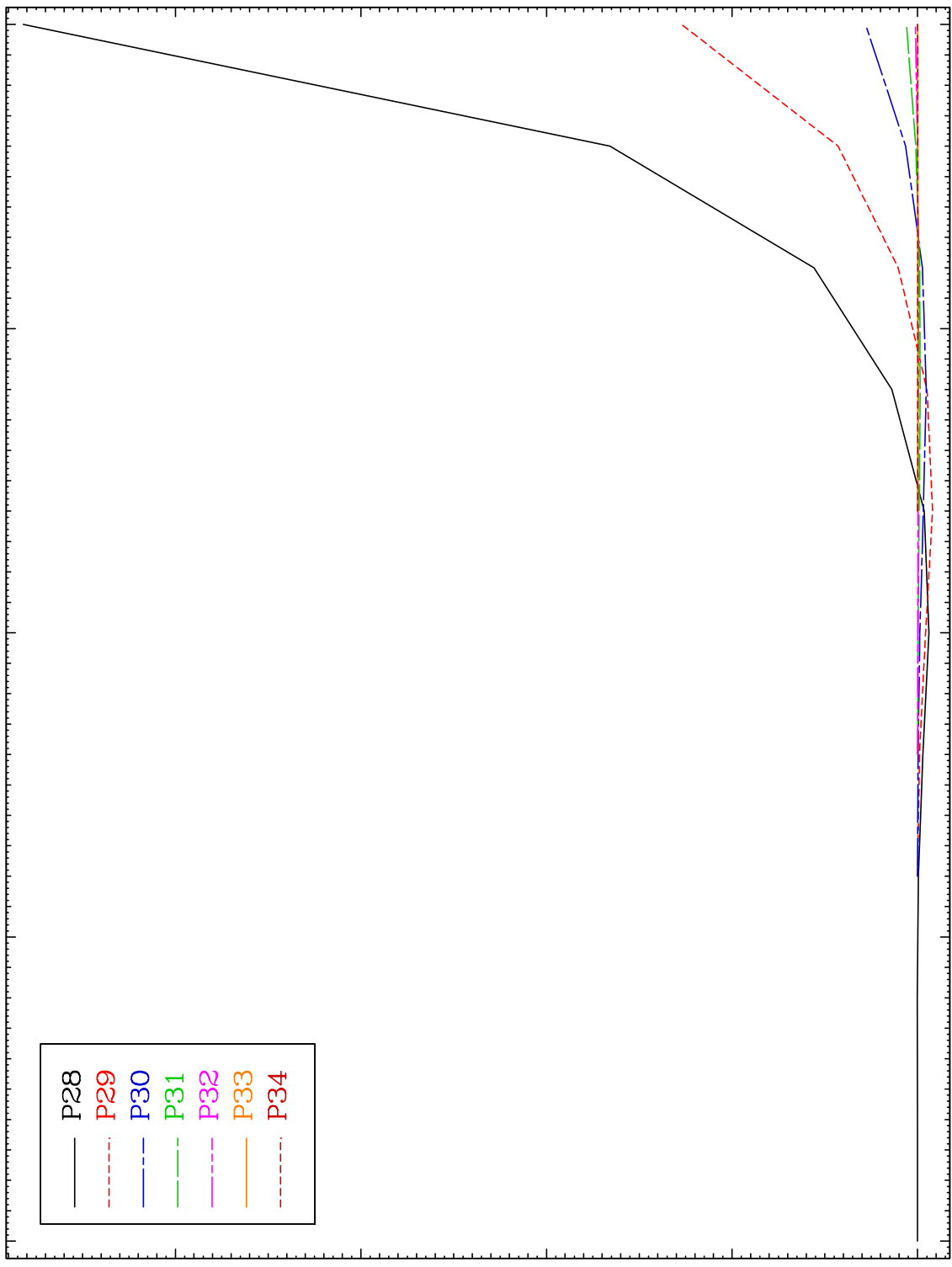
25

30

18

Incident Energy (MeV)

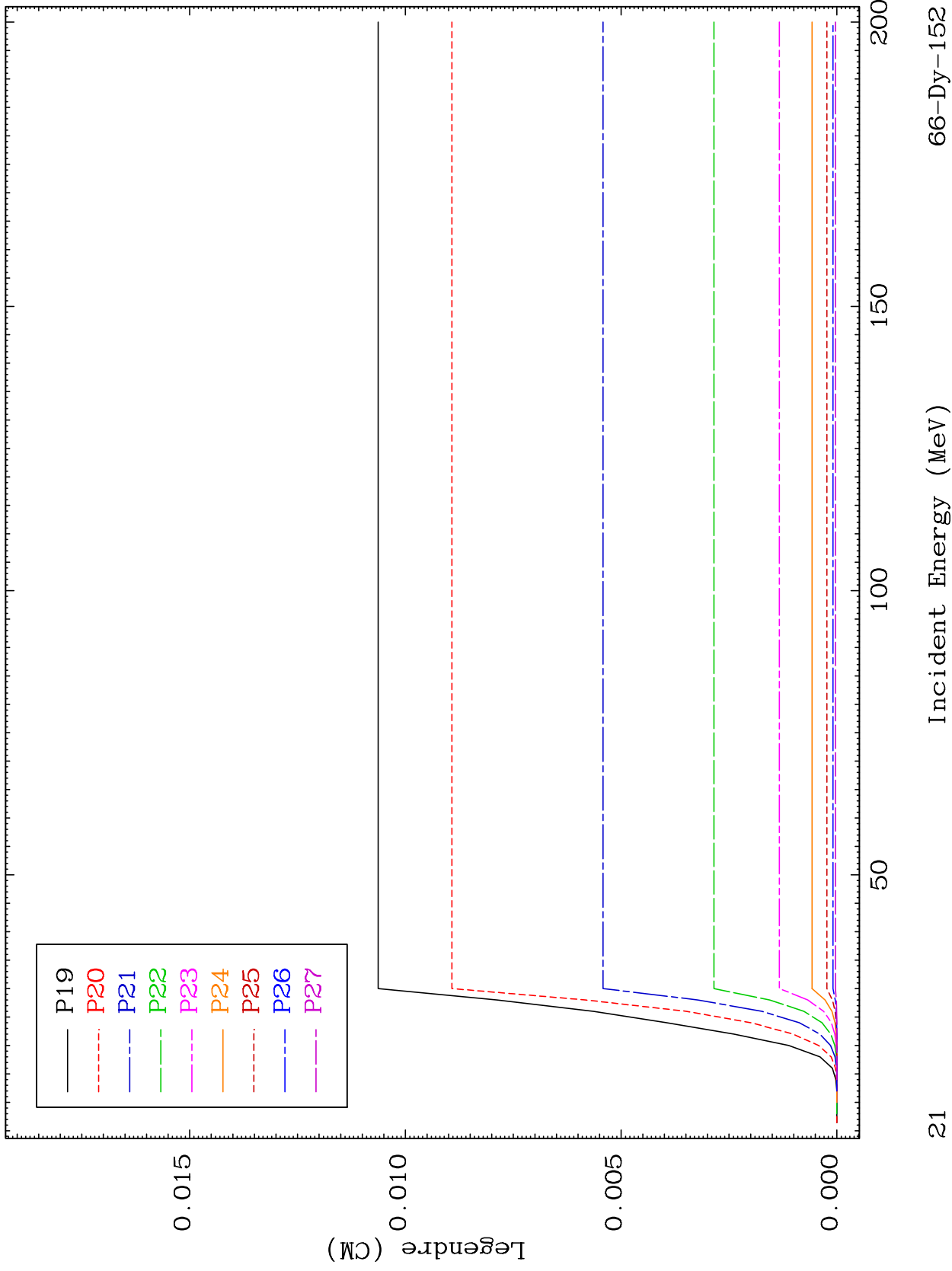
66-Dy-152

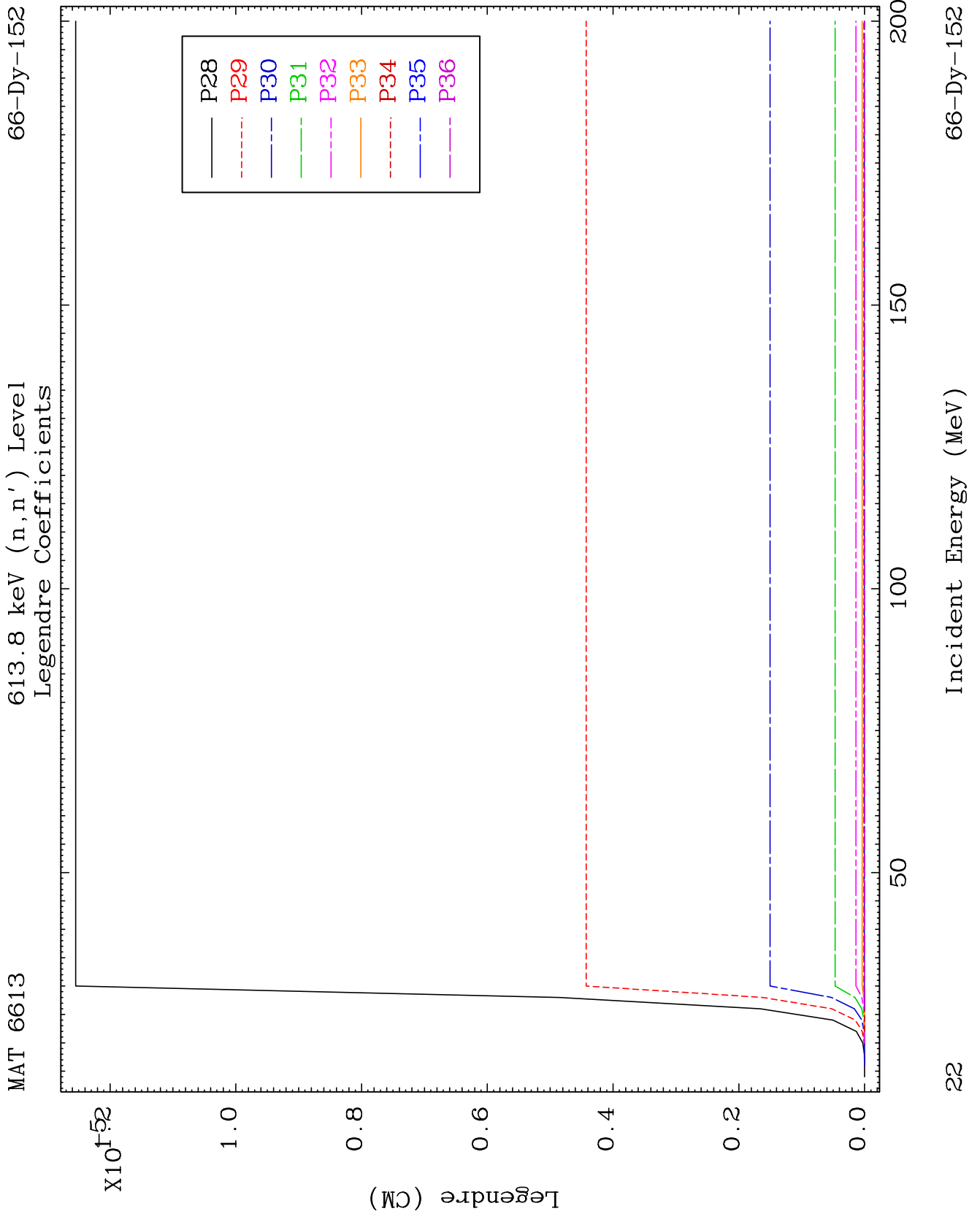


MAT 6613

613.8 keV (n,n') Level
Legendre Coefficients

66-Dy-152

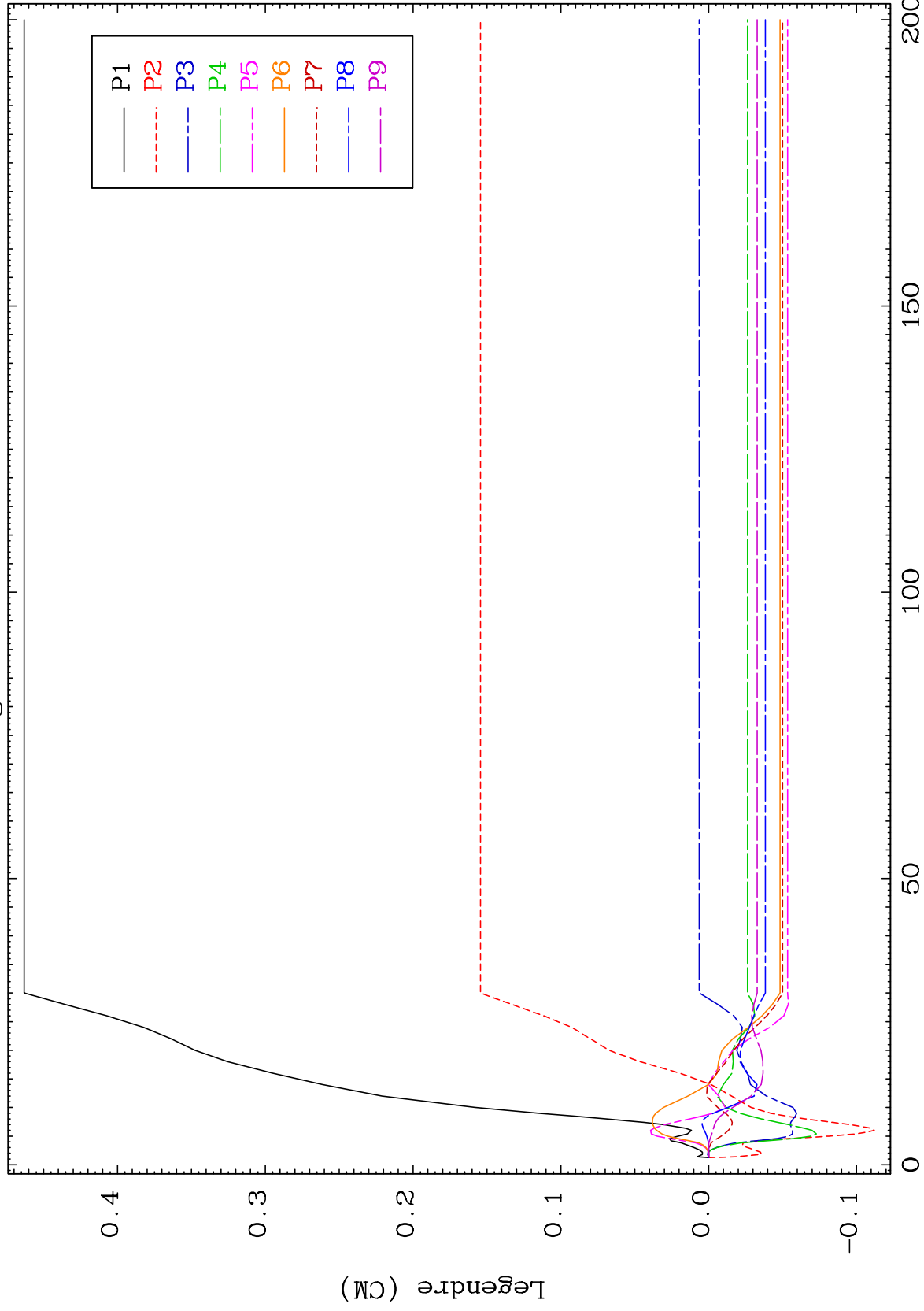




MAT 6613

1.228 MeV (n,n') Level
Legendre Coefficients

66-Dy-152



23

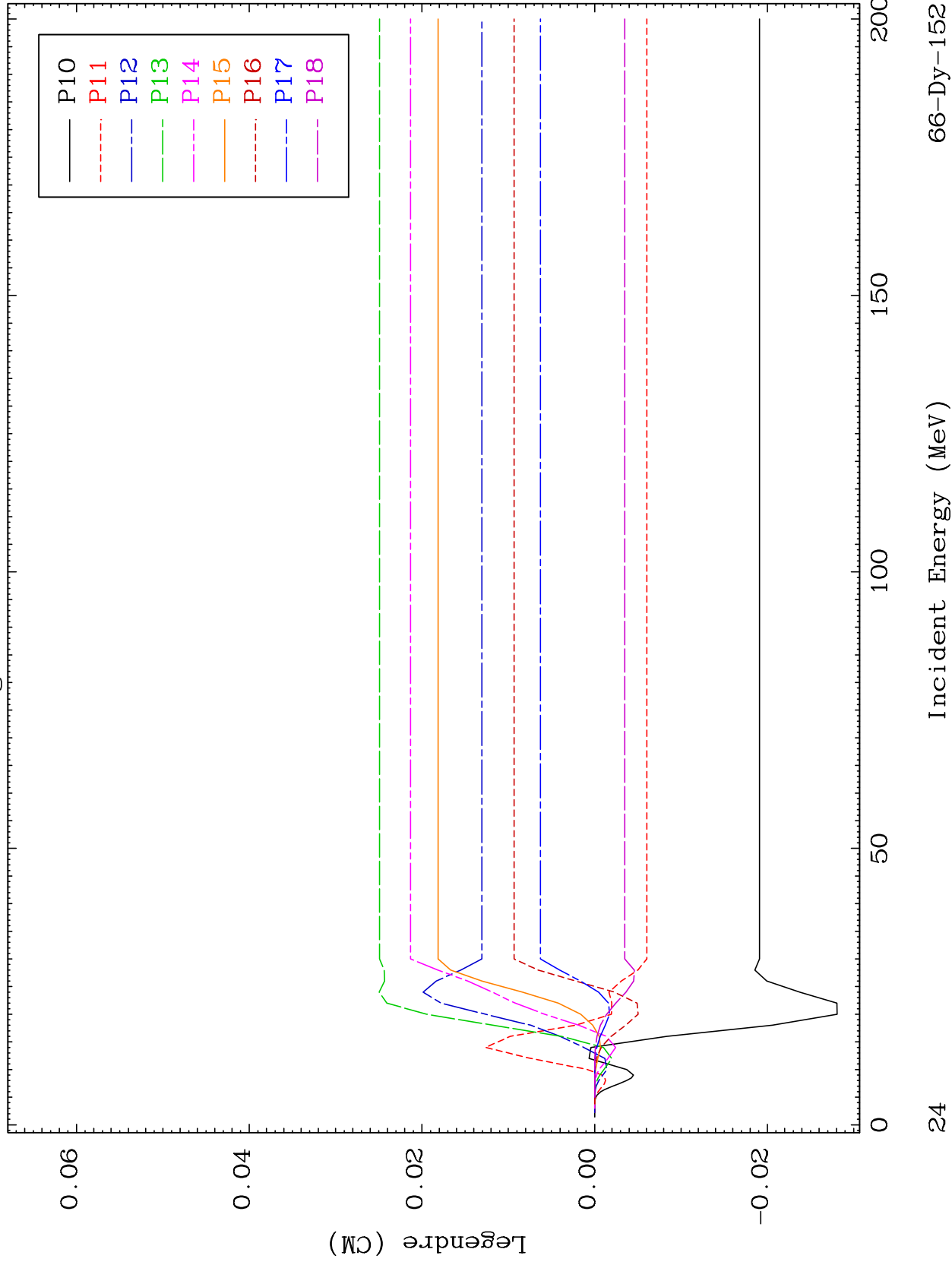
Incident Energy (MeV)

66-Dy-152

MAT 6613

1.228 MeV (n,n') Level
Legendre Coefficients

66-Dy-152



66-Dy-152

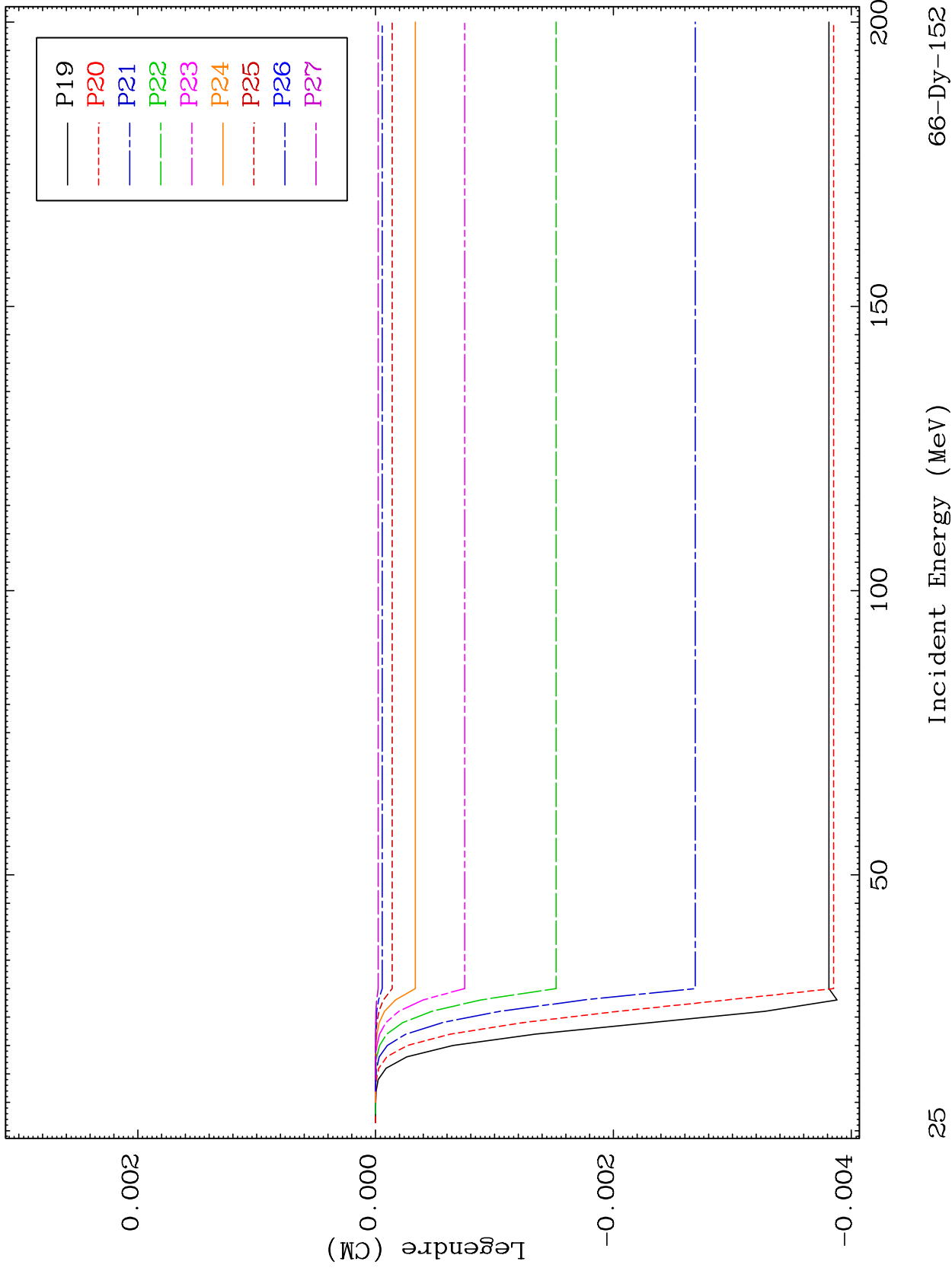
Incident Energy (MeV)

24

MAT 6613

1.228 MeV (n,n') Level
Legendre Coefficients

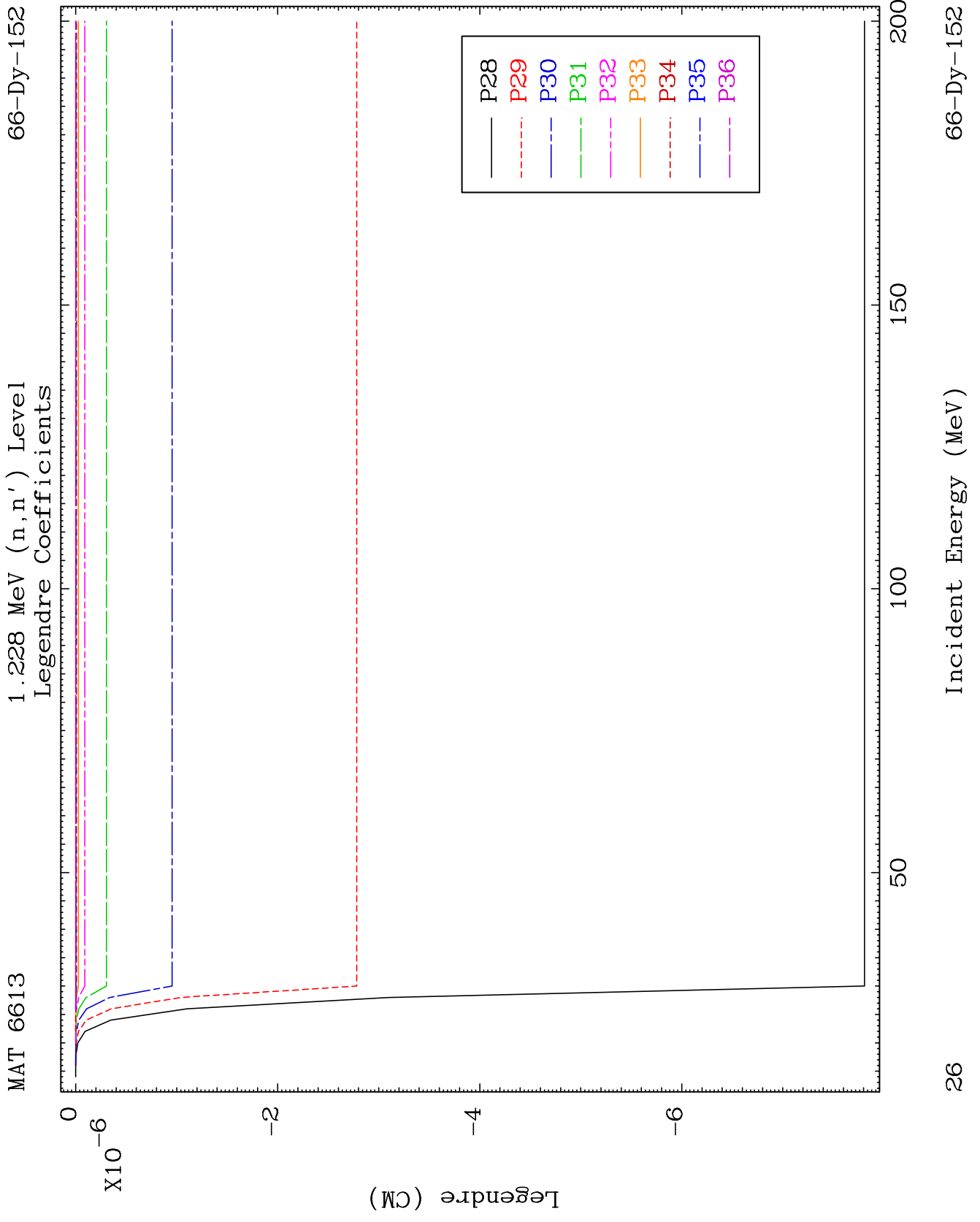
66-Dy-152



25

Incident Energy (MeV)

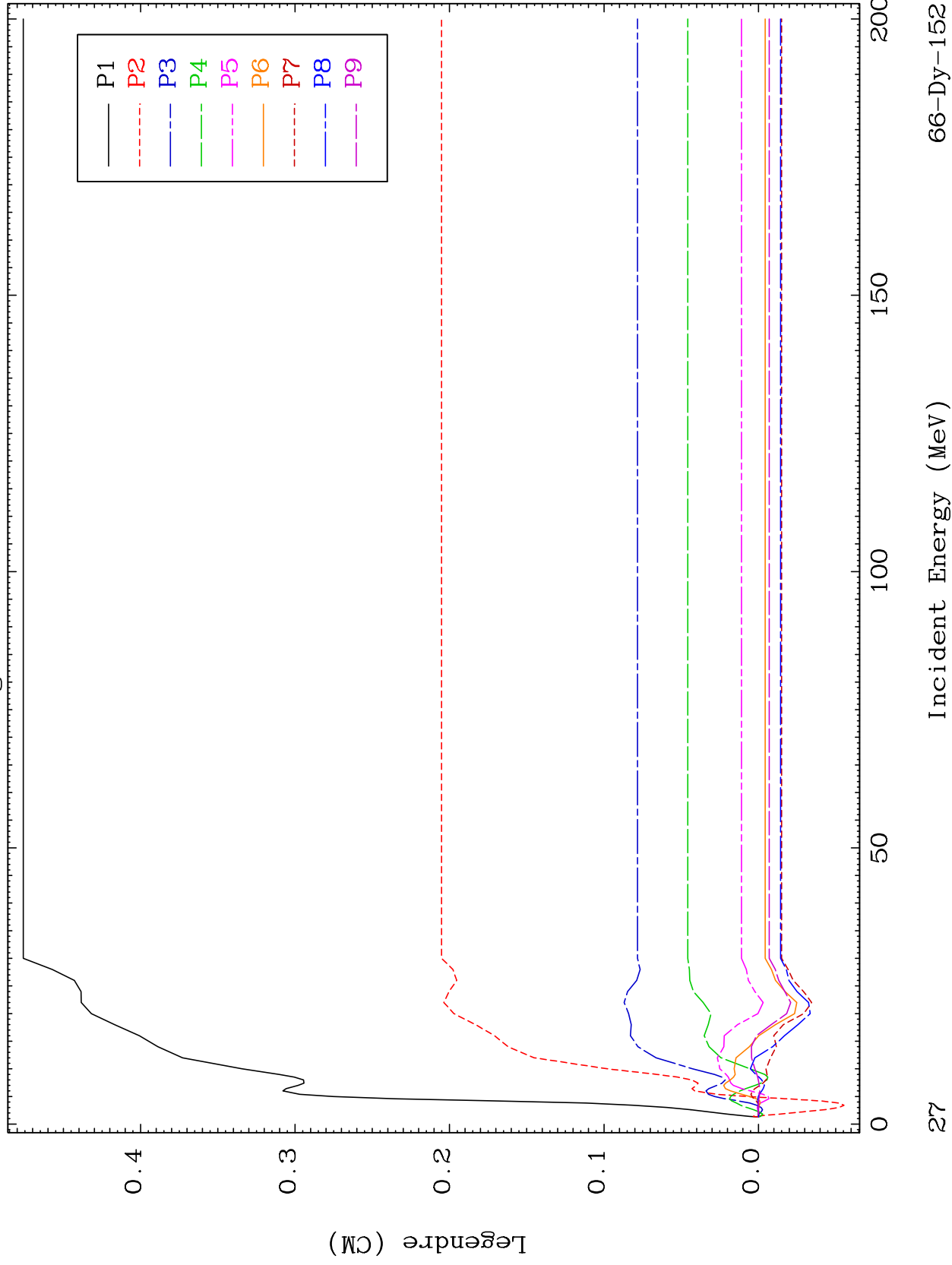
66-Dy-152



MAT 6613

1.261 MeV (n,n') Level
Legendre Coefficients

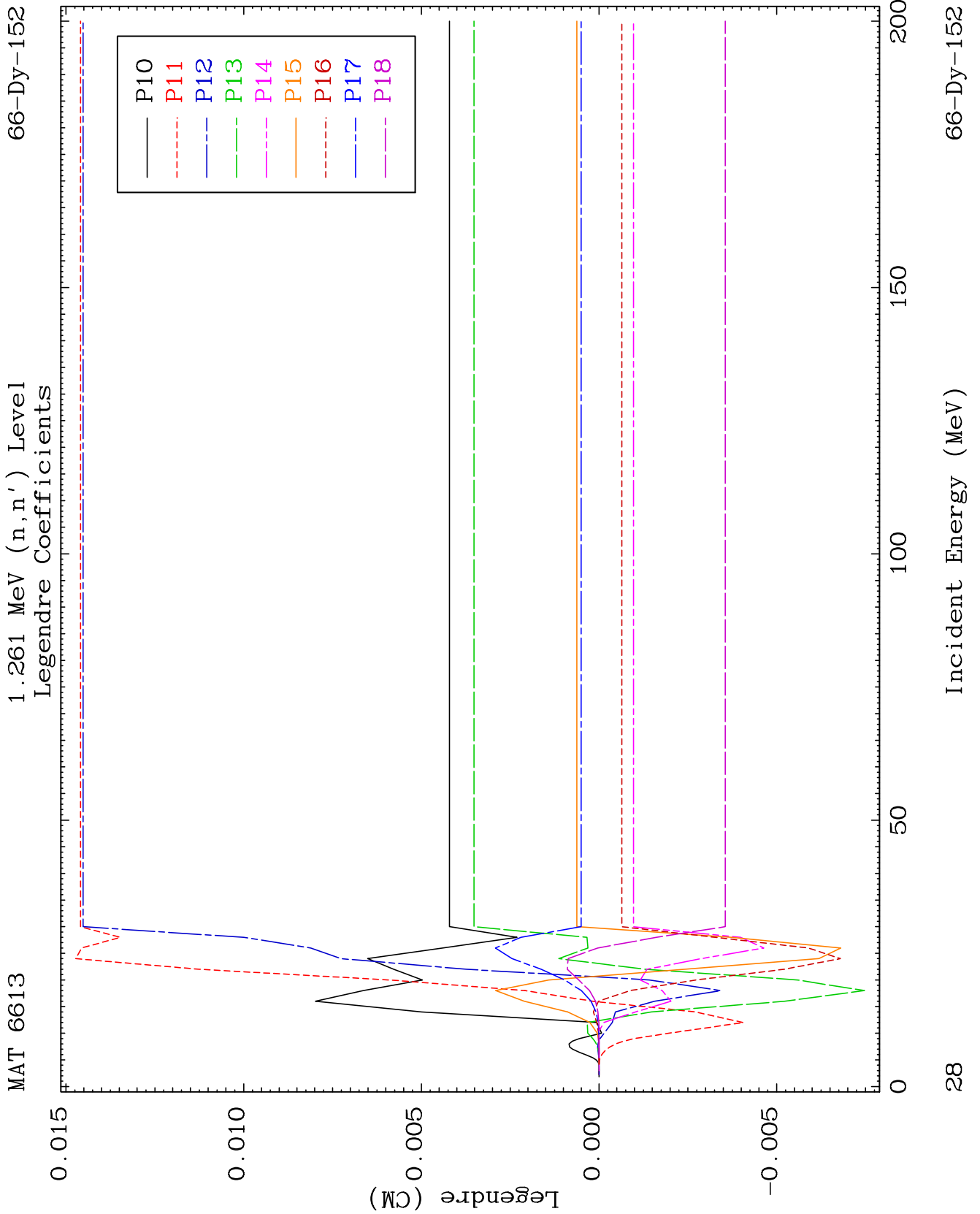
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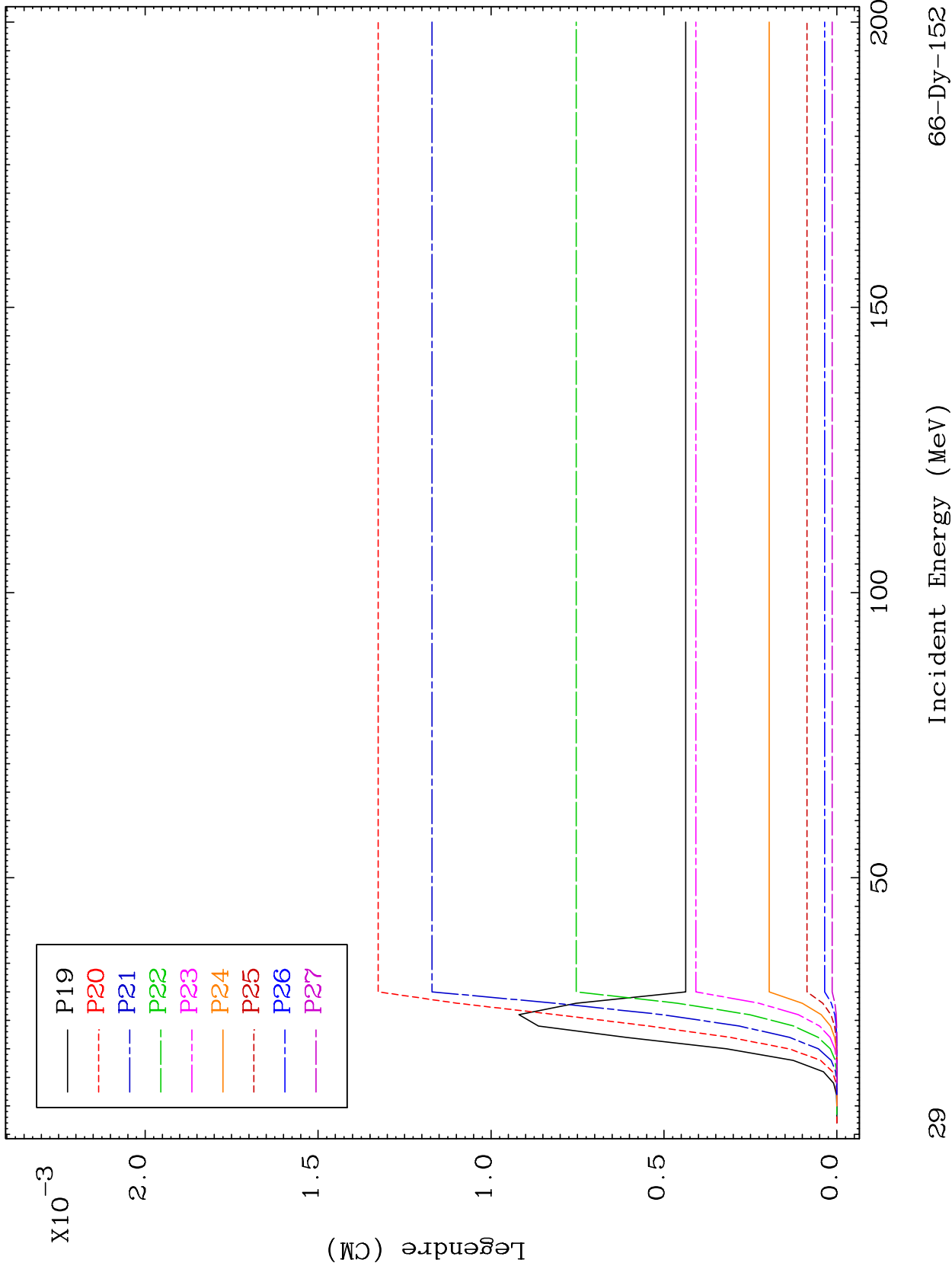


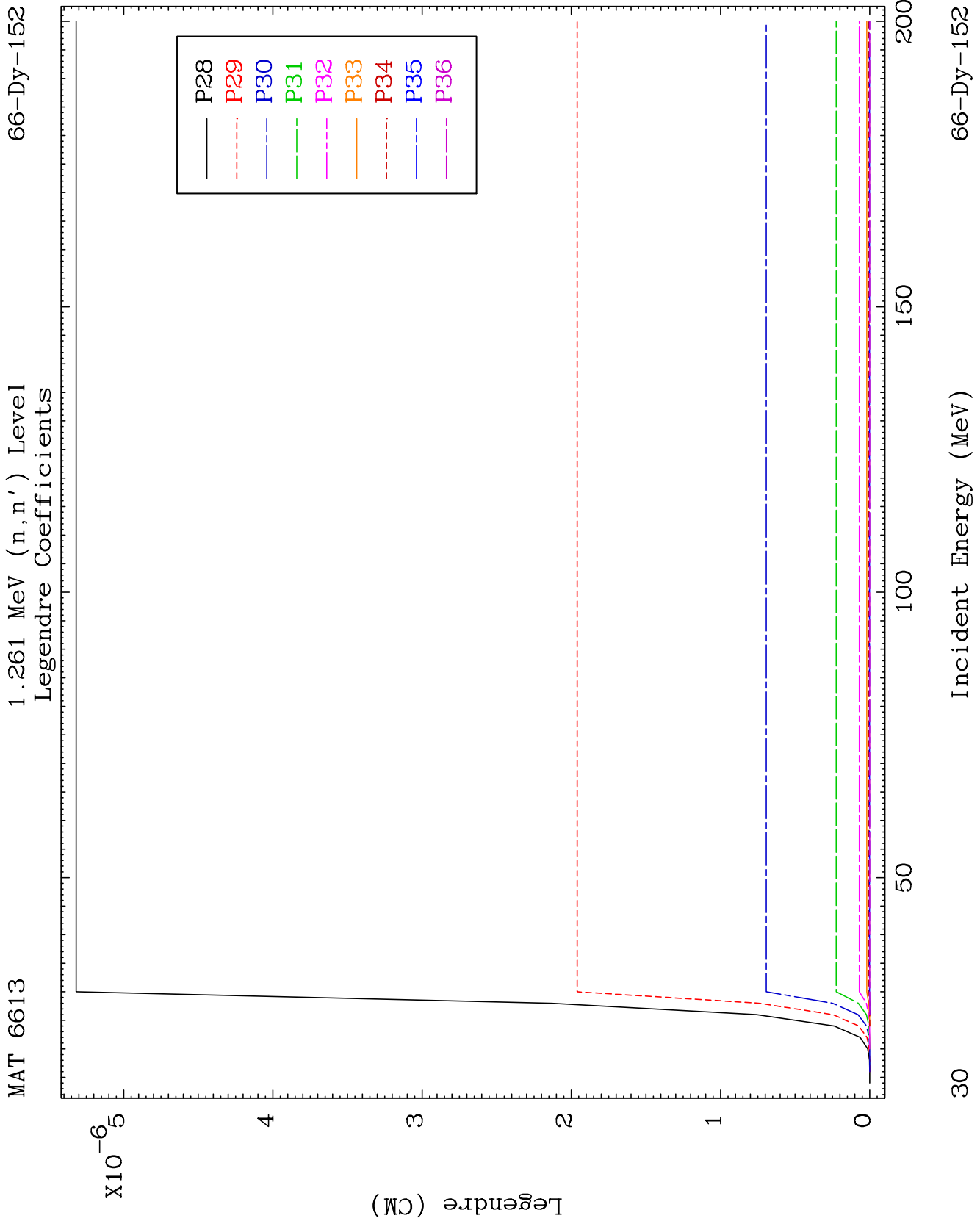
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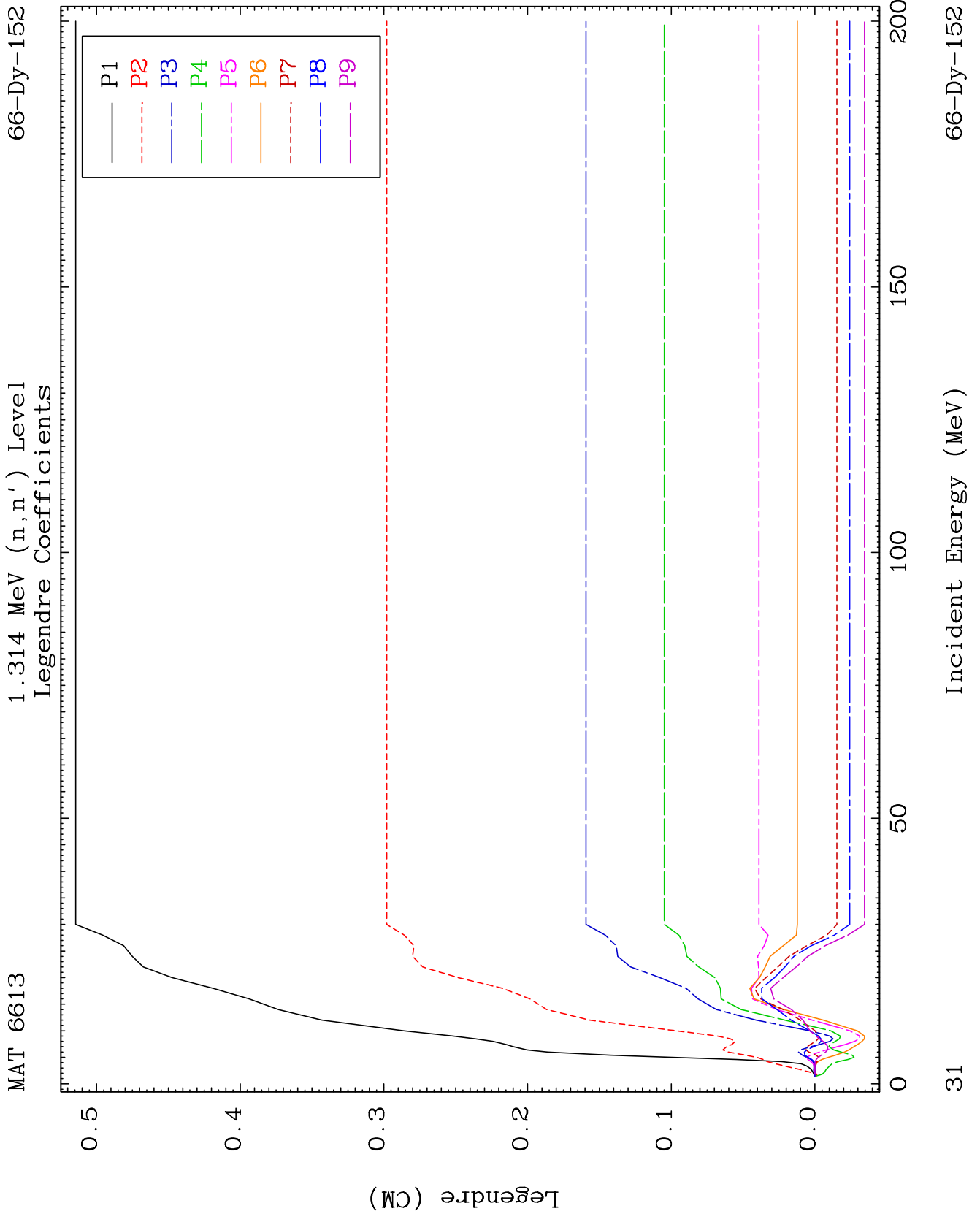
Incident Energy (MeV)

27





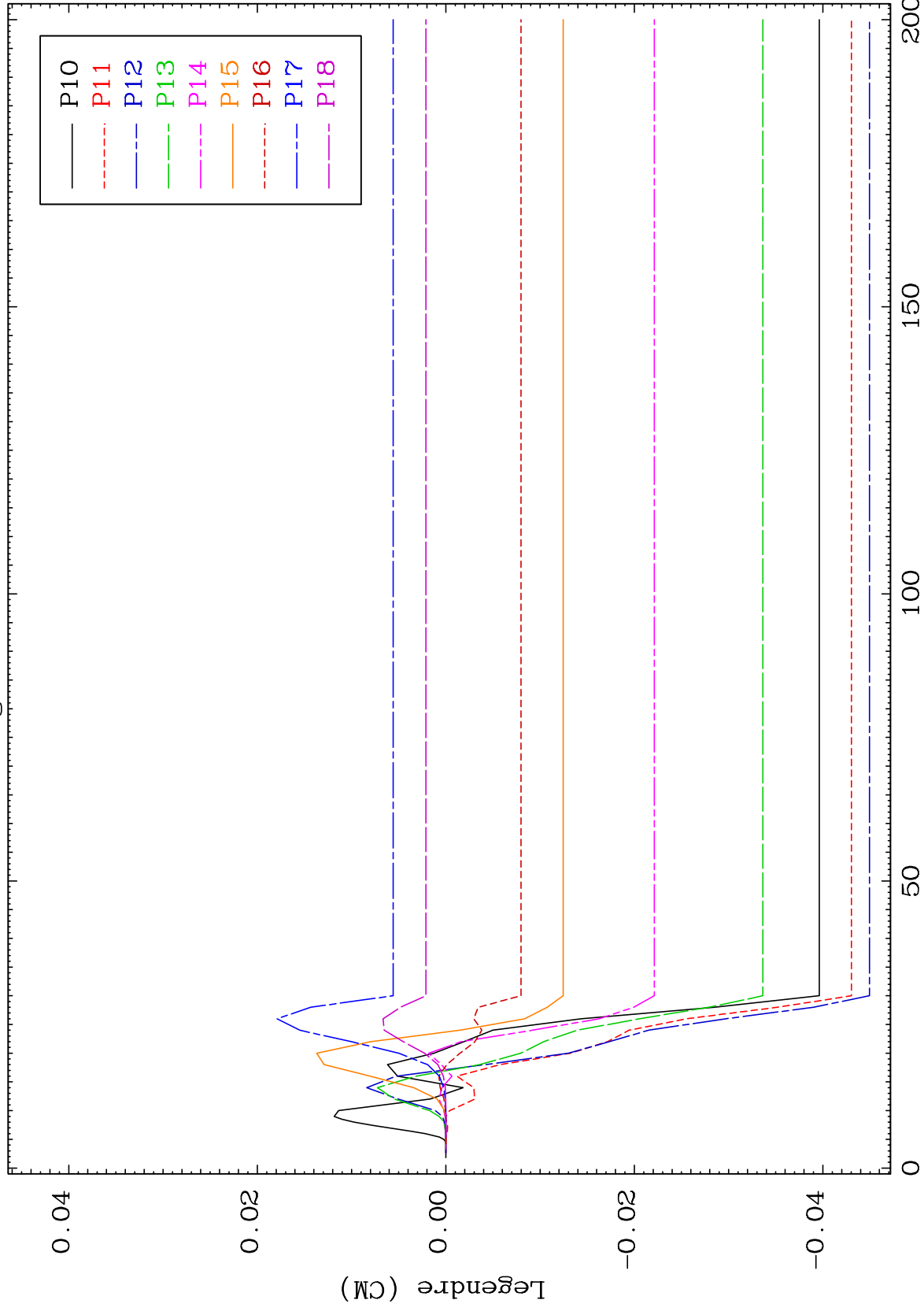




MAT 6613

1.314 MeV (n,n') Level
Legendre Coefficients

66-Dy-152



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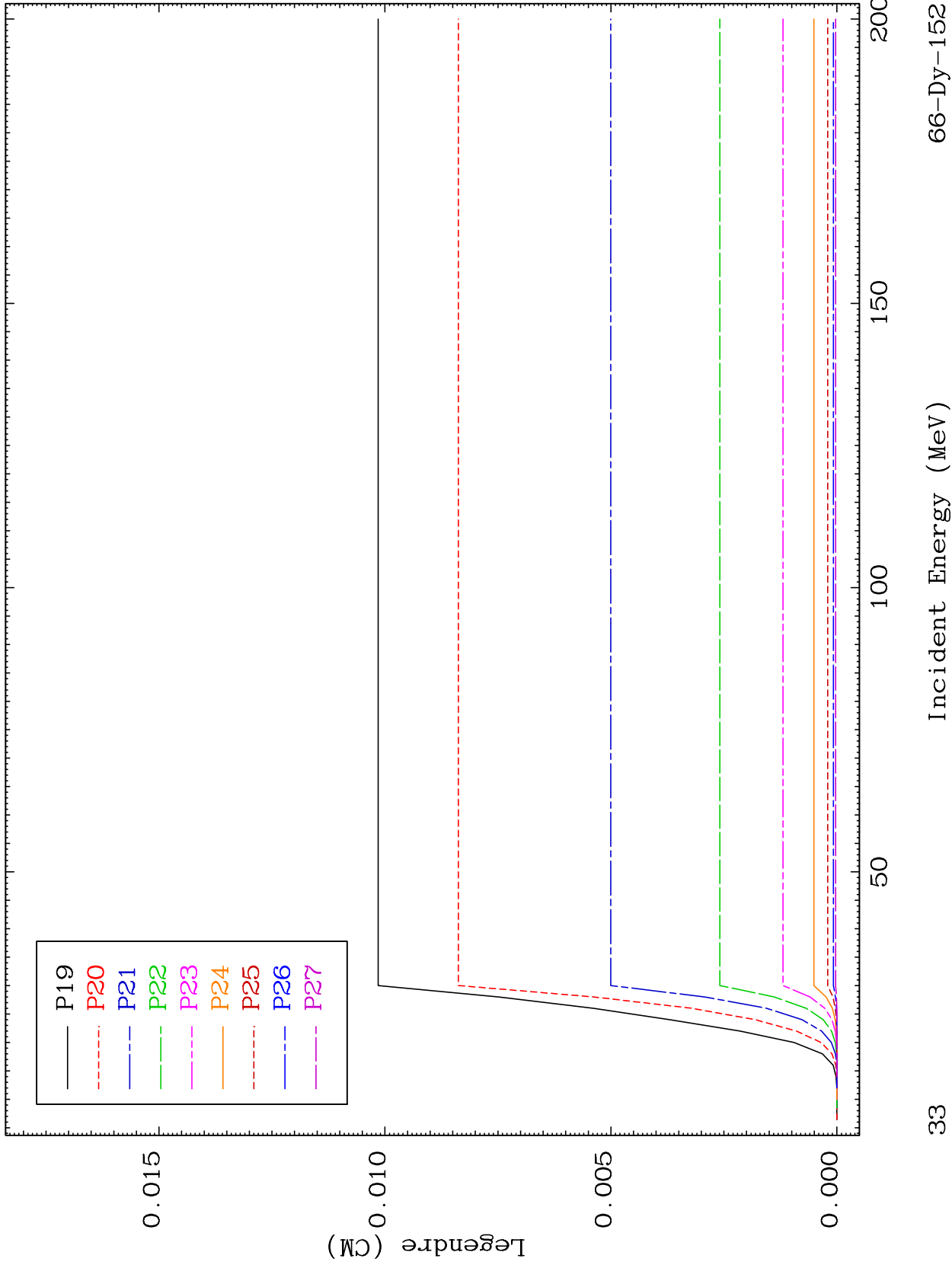
Incident Energy (MeV)

66-Dy-152

MAT 6613

1.314 MeV (n,n') Level
Legendre Coefficients

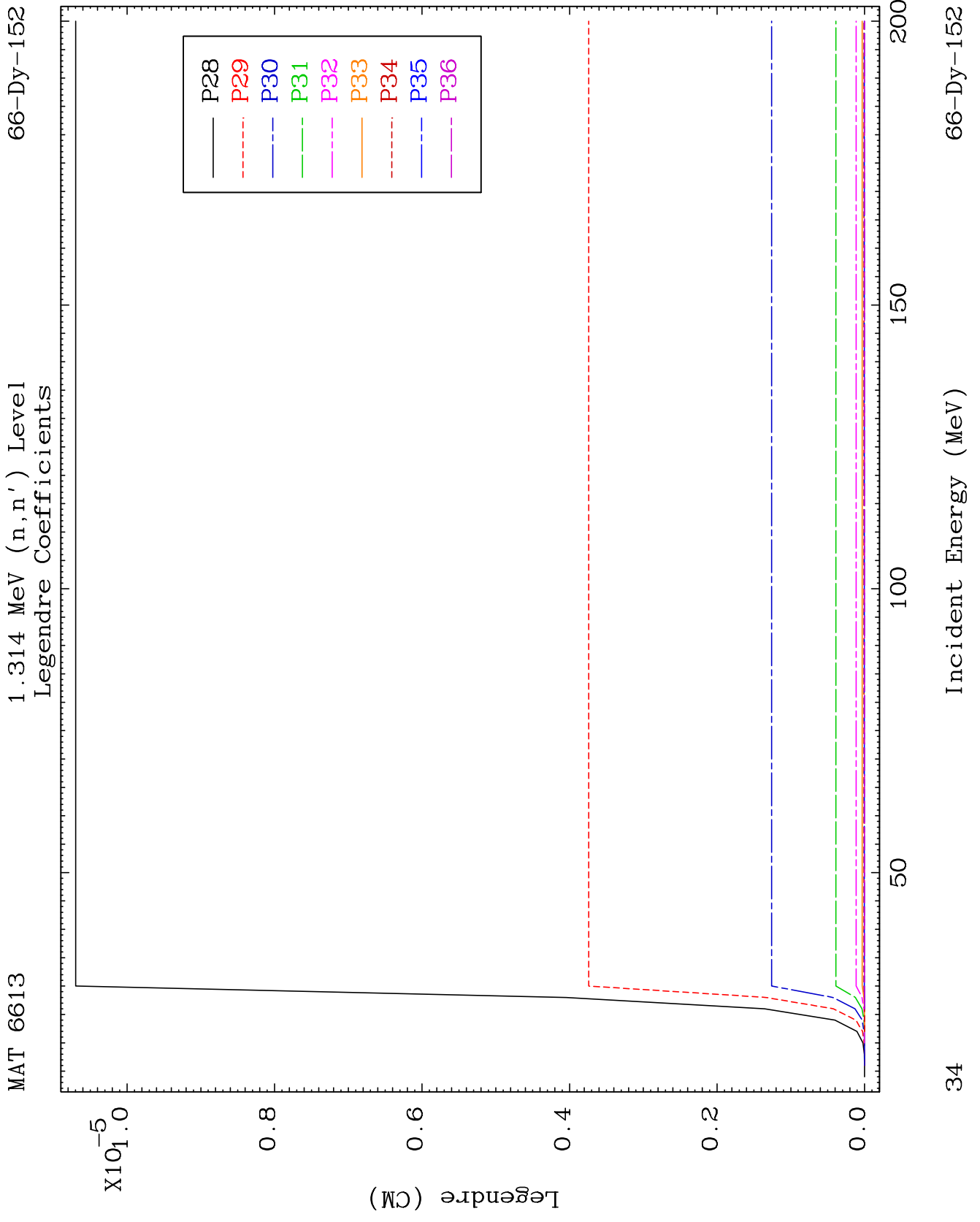
66-Dy-152



33

Incident Energy (MeV)

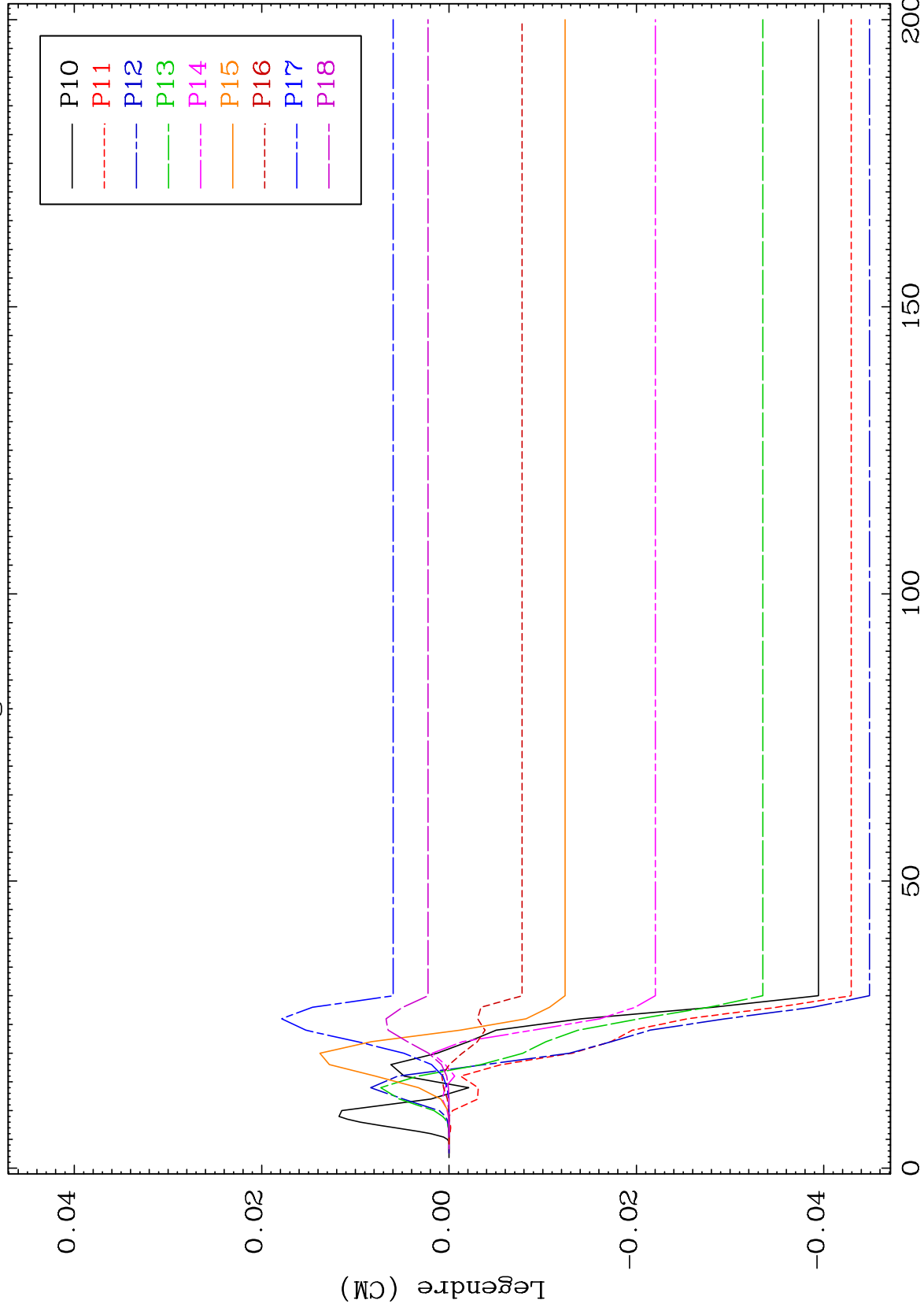
66-Dy-152



MAT 6613

1.448 MeV (n,n') Level
Legendre Coefficients

66-Dy-152



36

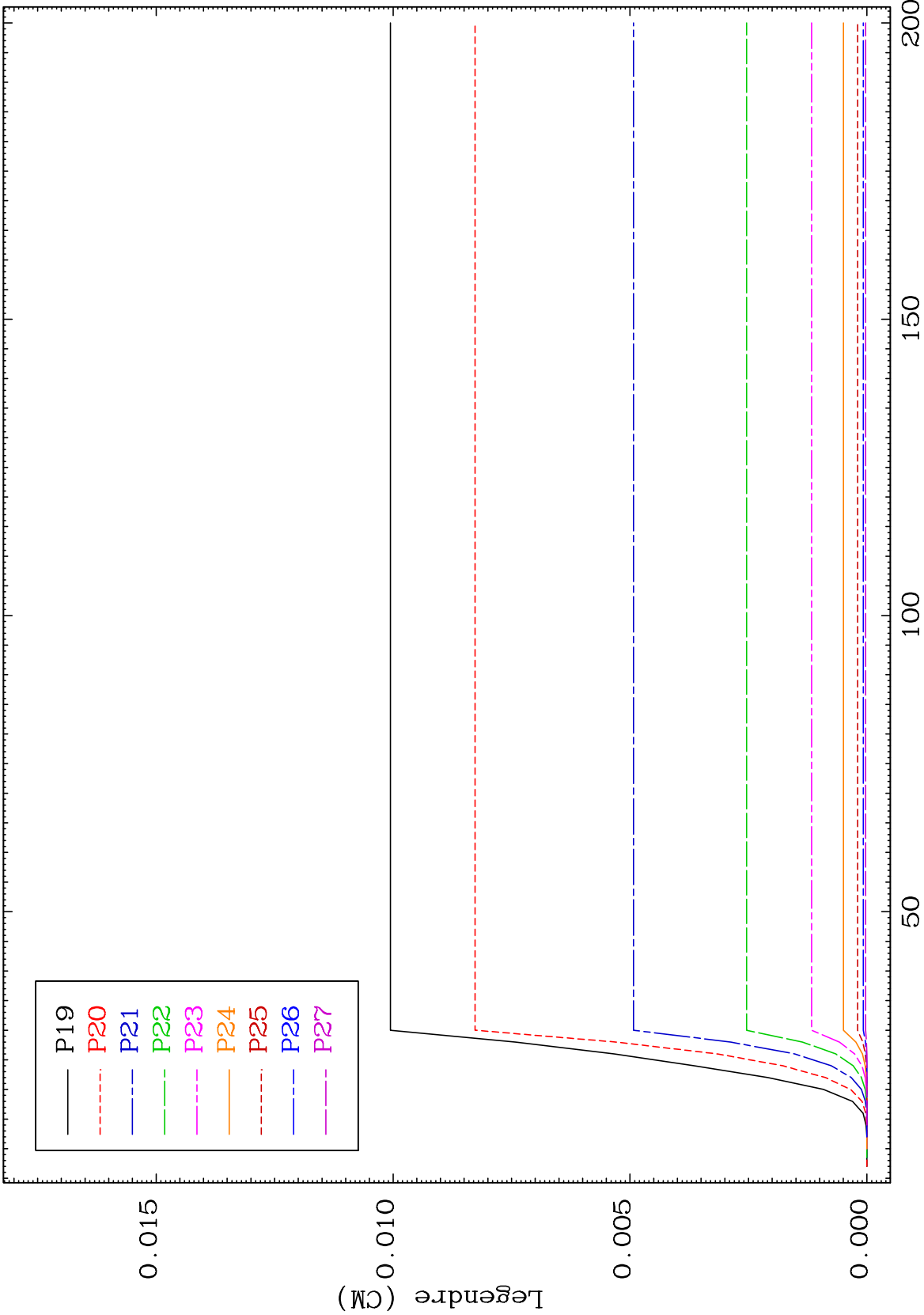
Incident Energy (MeV)

66-Dy-152

MAT 6613

1.448 MeV (n,n') Level
Legendre Coefficients

66-Dy-152



37

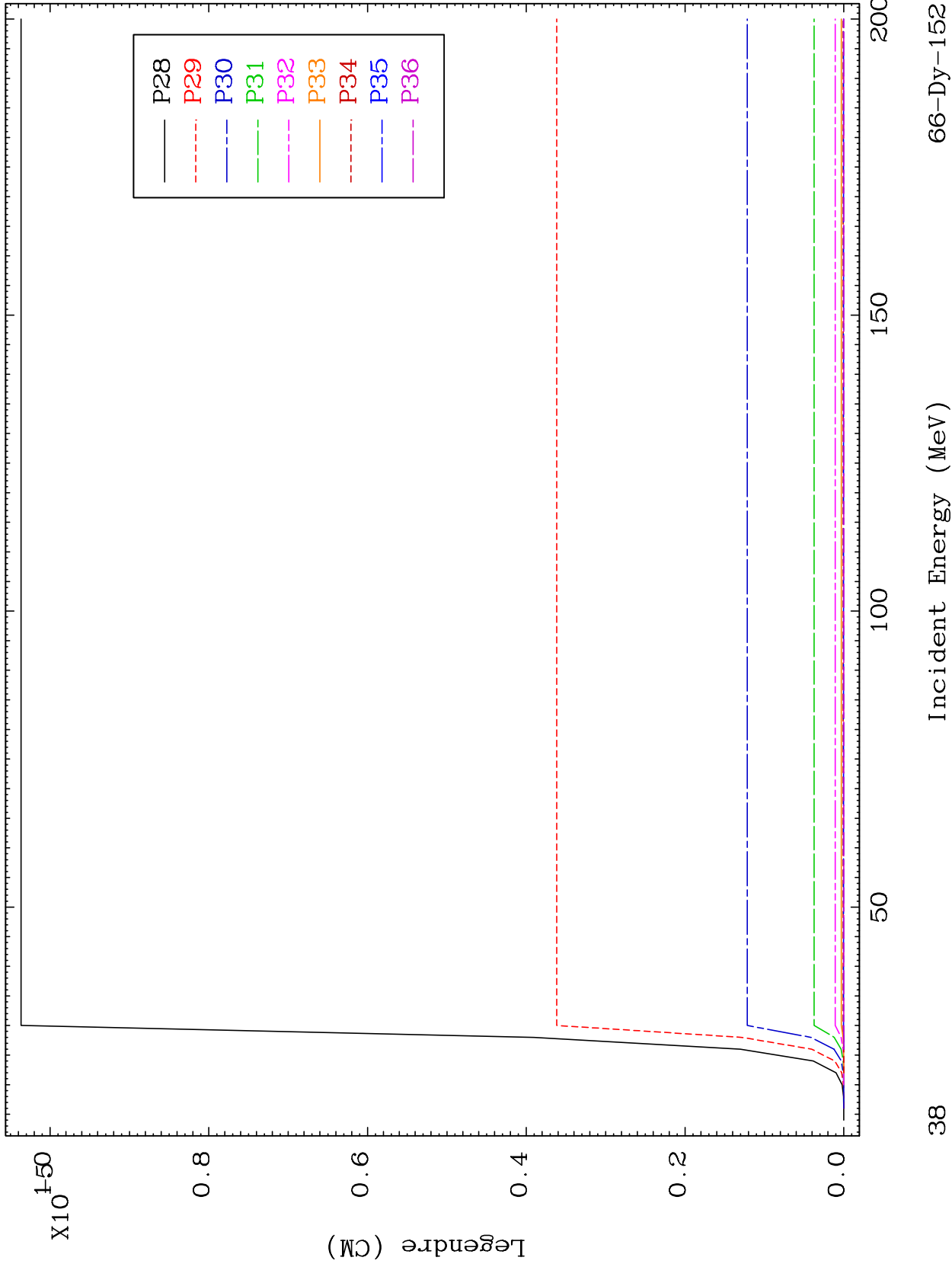
Incident Energy (MeV)

66-Dy-152

MAT 6613

1.448 MeV (n, n') Level
Legendre Coefficients

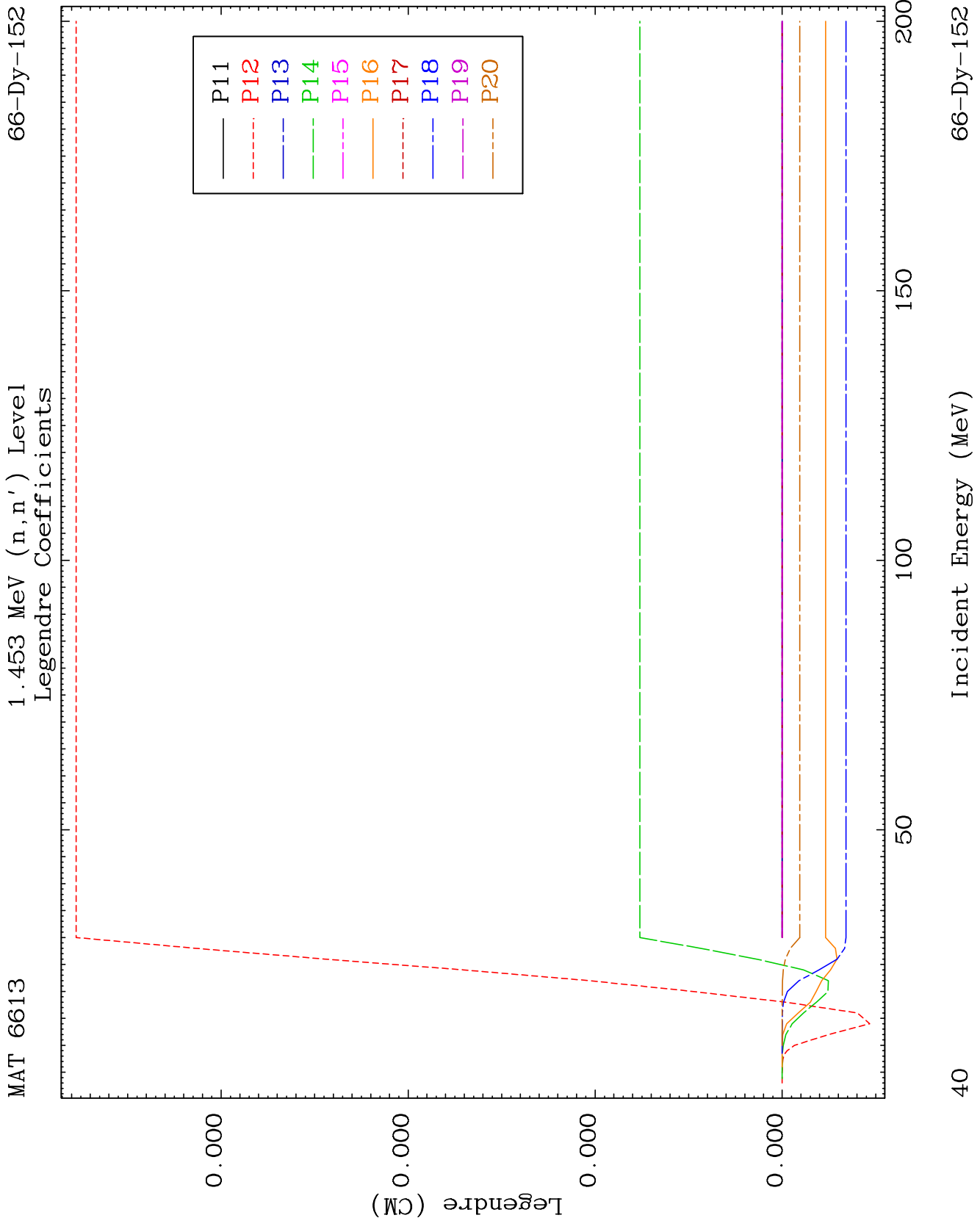
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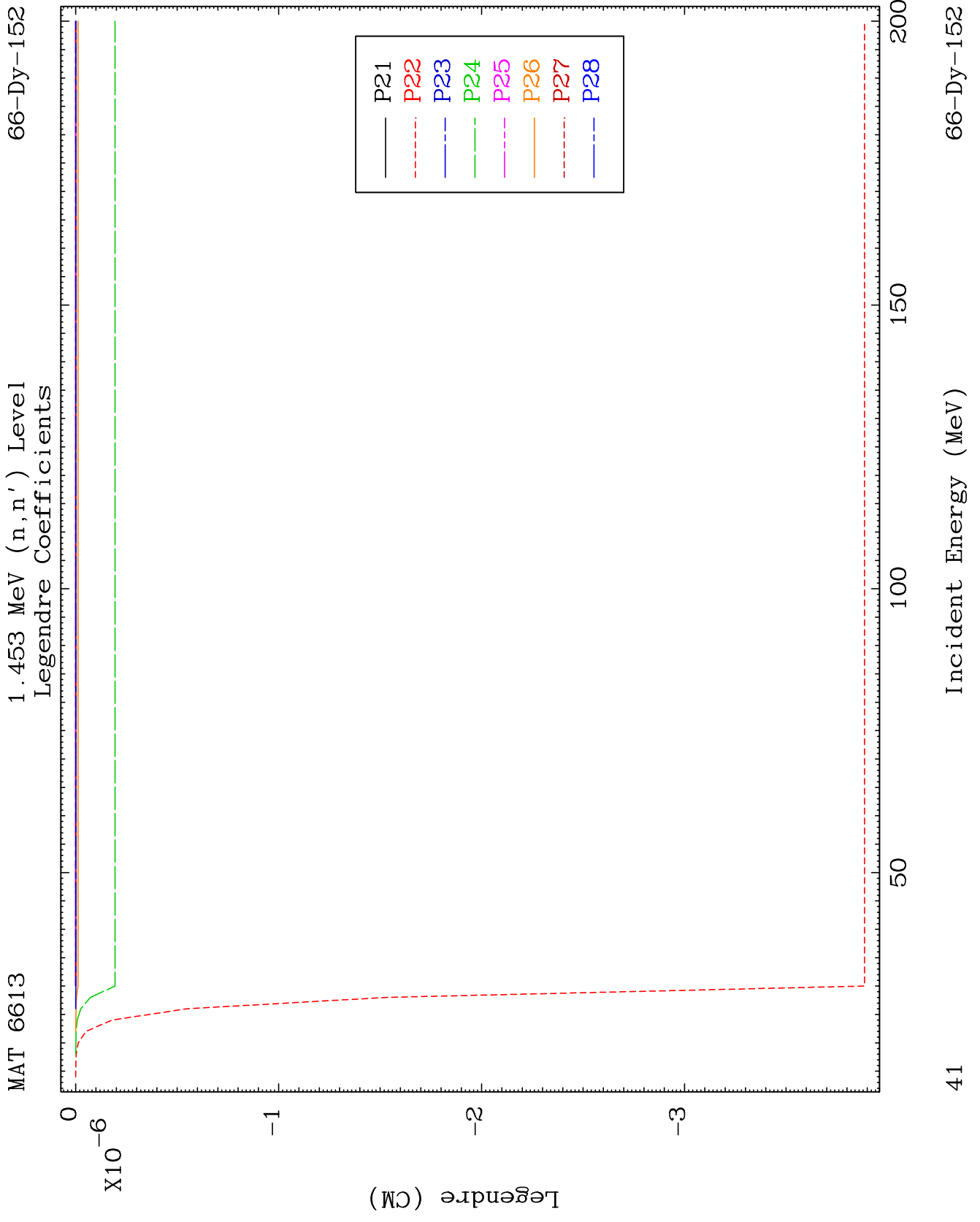


38

Incident Energy (MeV)

66-Dy-152

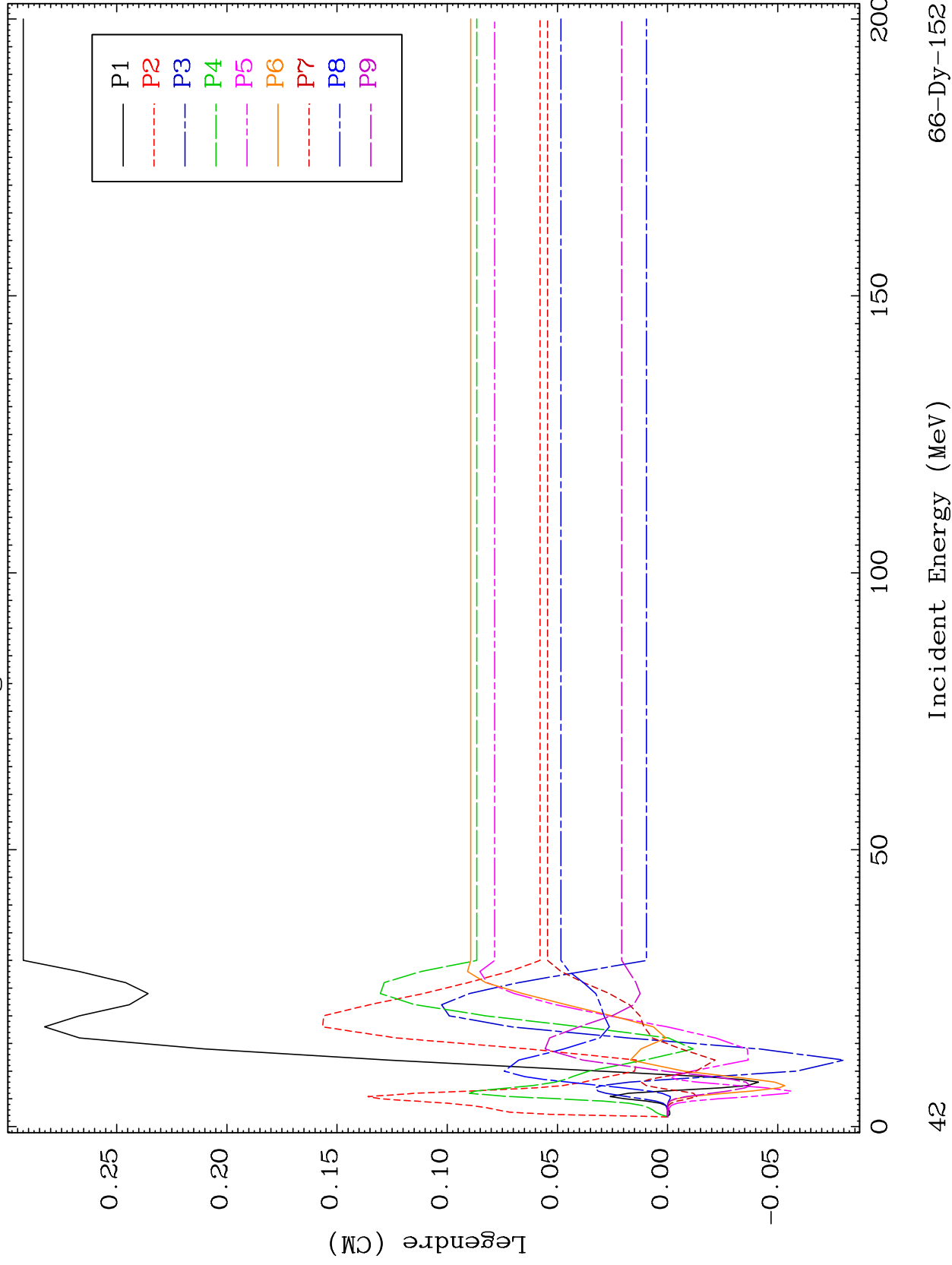




MAT 6613

1.698 MeV (n,n') Level
Legendre Coefficients

66-Dy-152



66-Dy-152

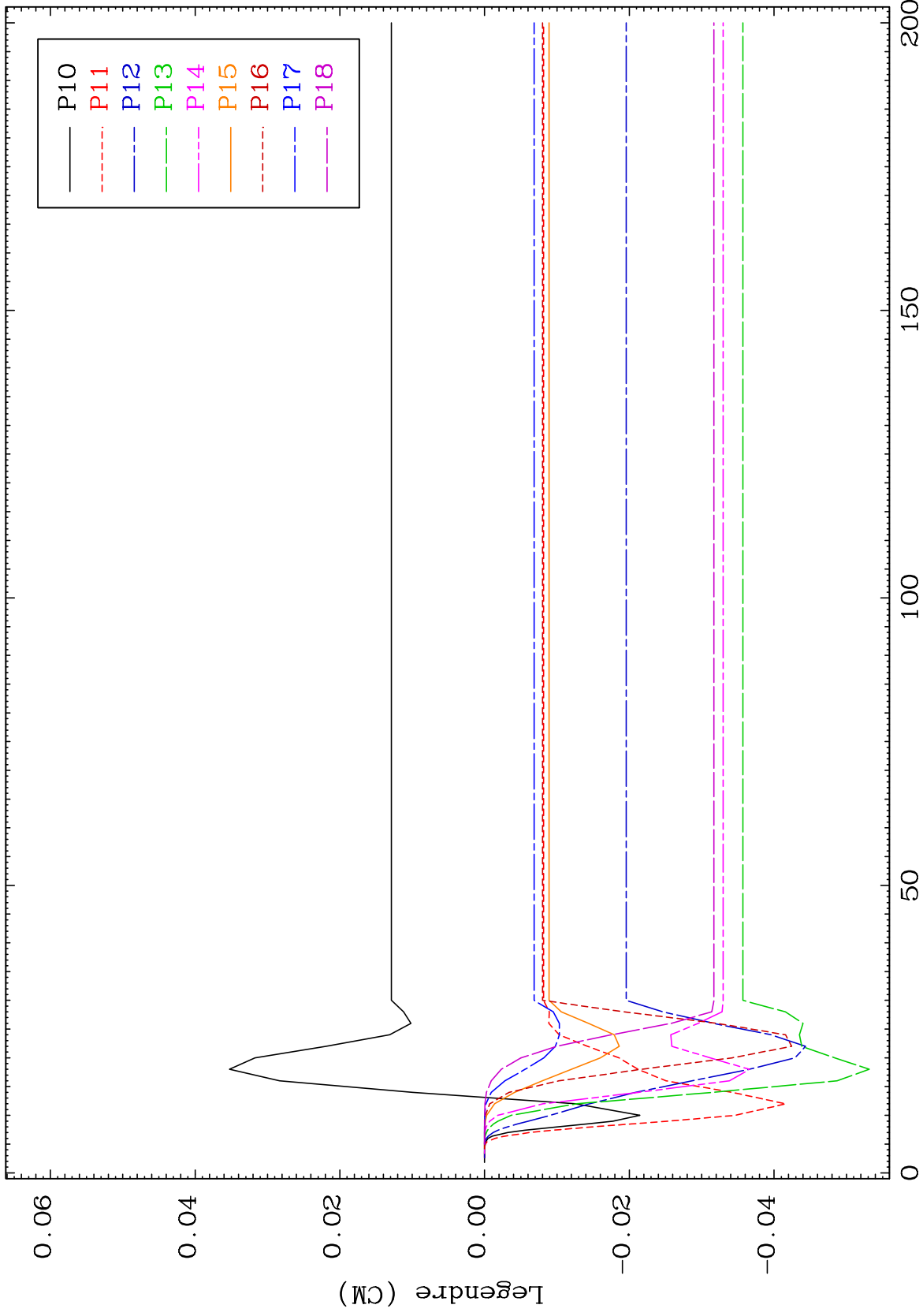
Incident Energy (MeV)

42

MAT 6613

1.698 MeV (n,n') Level
Legendre Coefficients

66-Dy-152



43

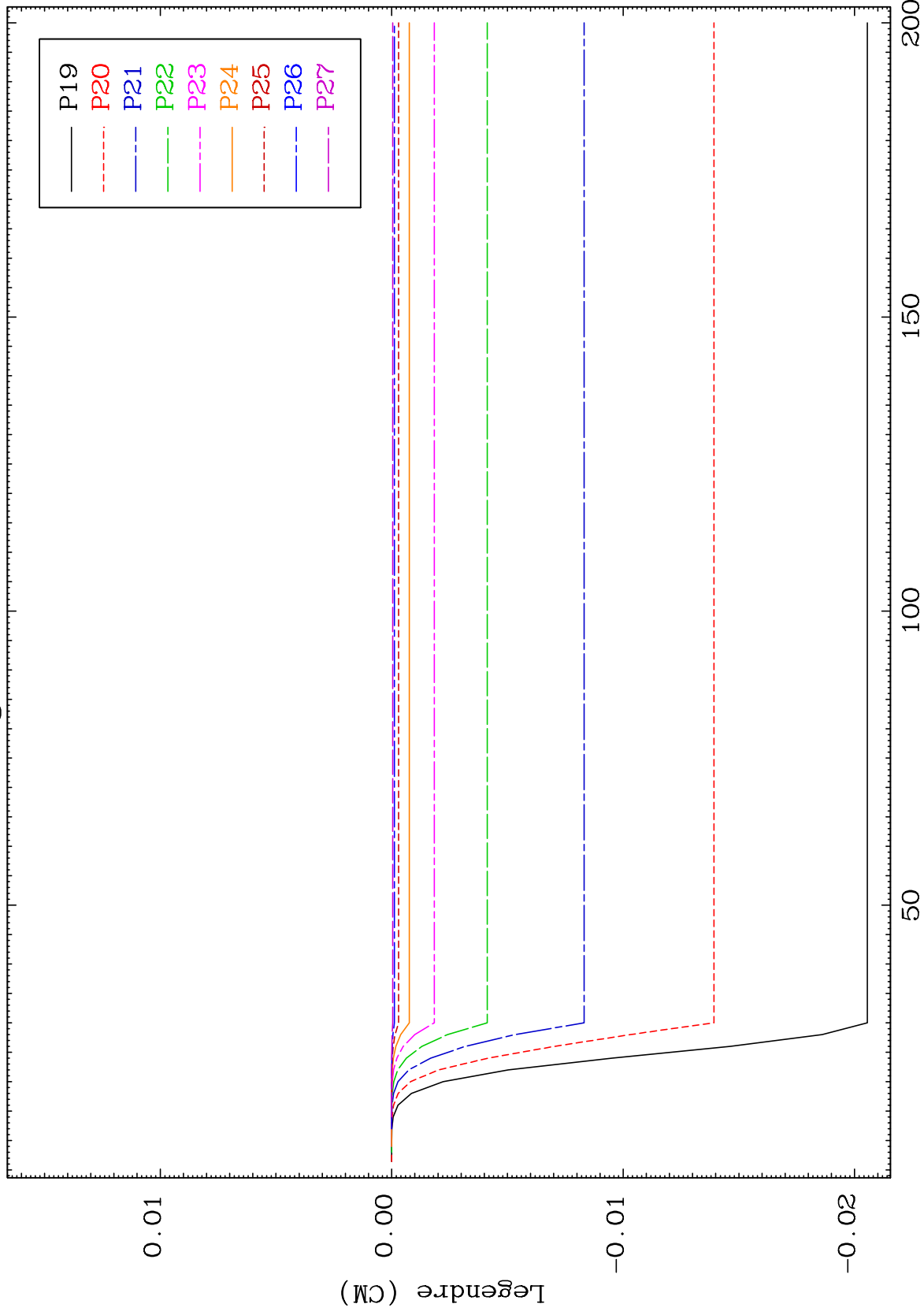
Incident Energy (MeV)

66-Dy-152

MAT 6613

1.698 MeV (n,n') Level
Legendre Coefficients

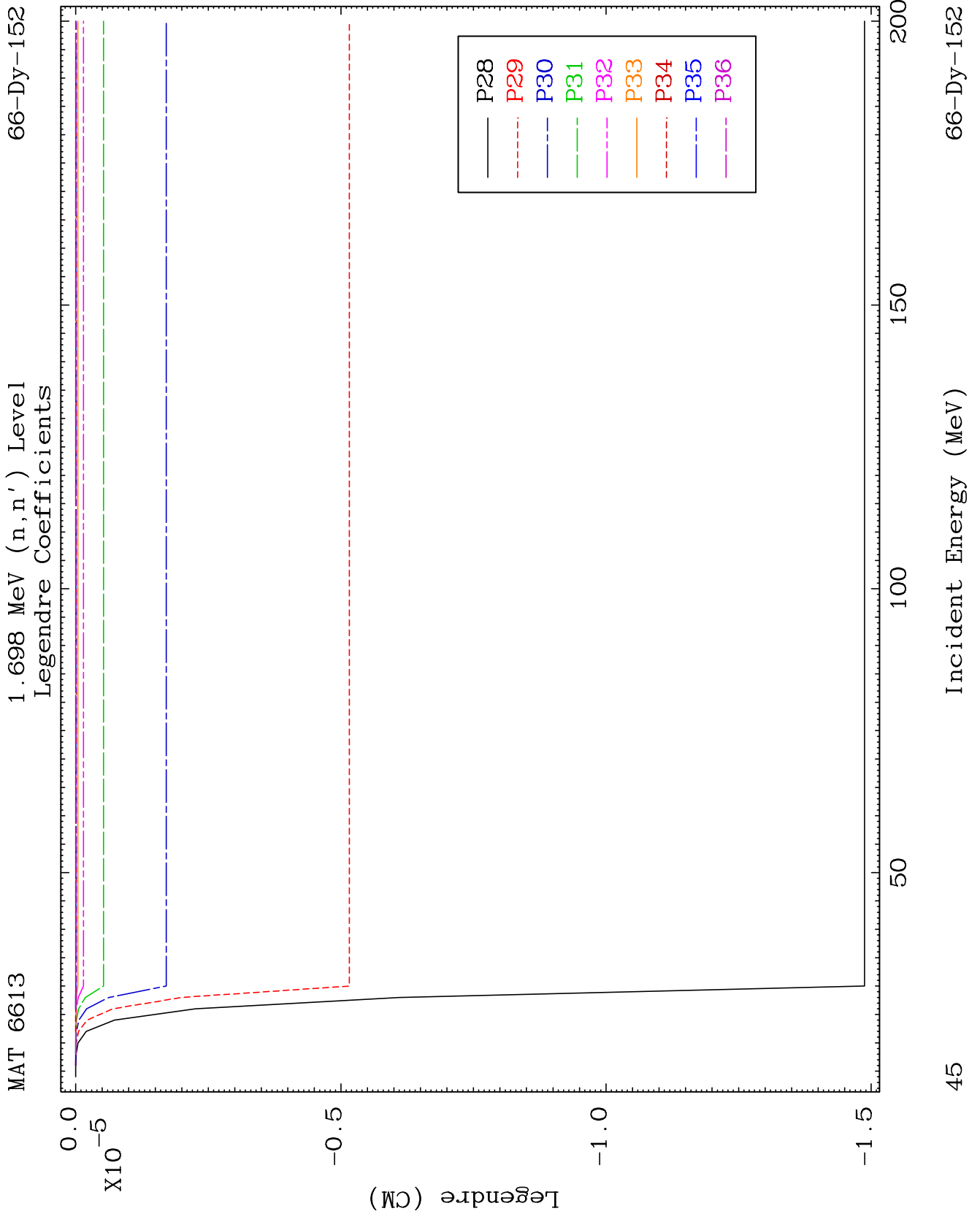
66-Dy-152



44

Incident Energy (MeV)

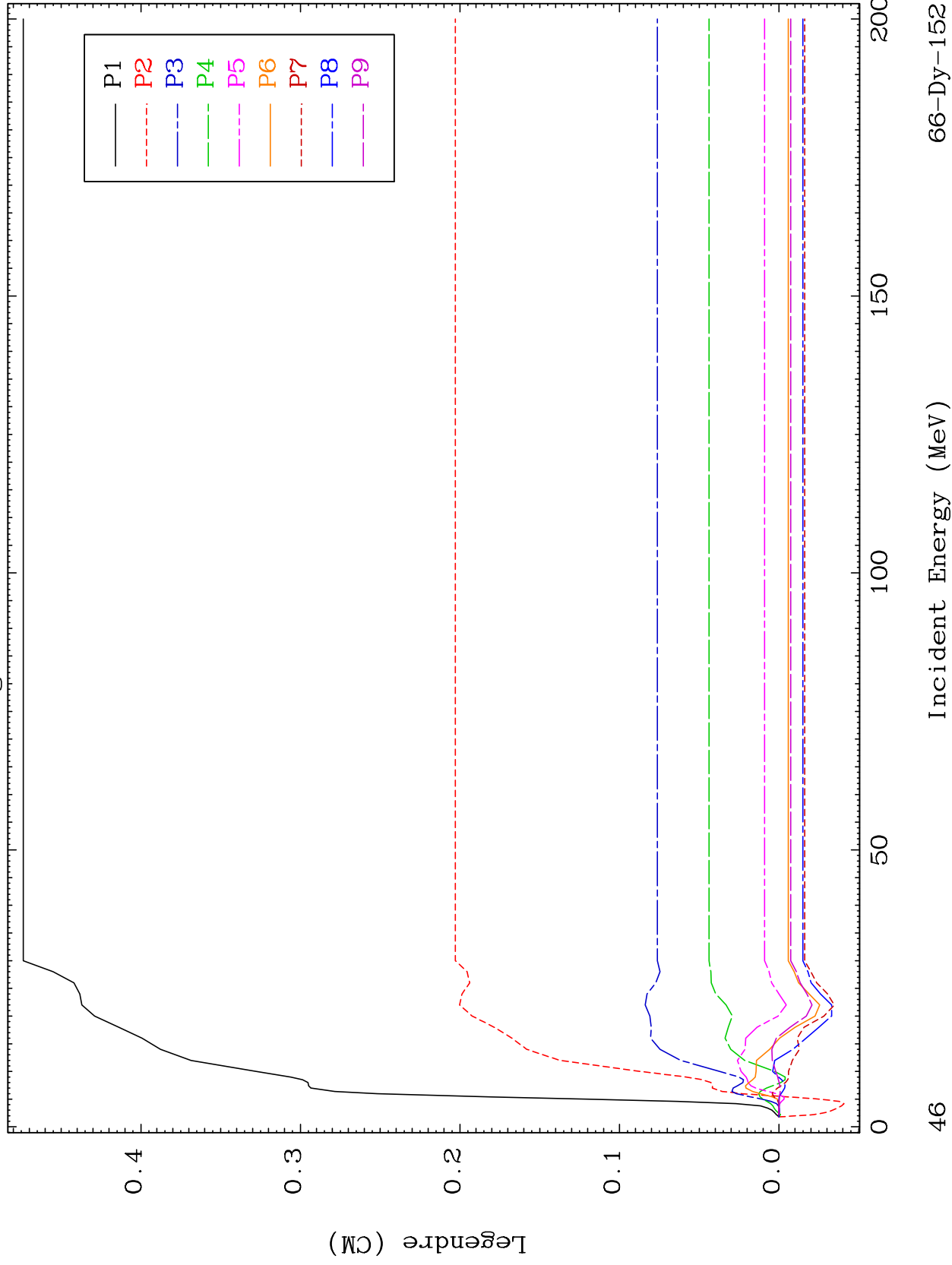
66-Dy-152



MAT 6613

1.751 MeV (n,n') Level
Legendre Coefficients

66-Dy-152



66-Dy-152

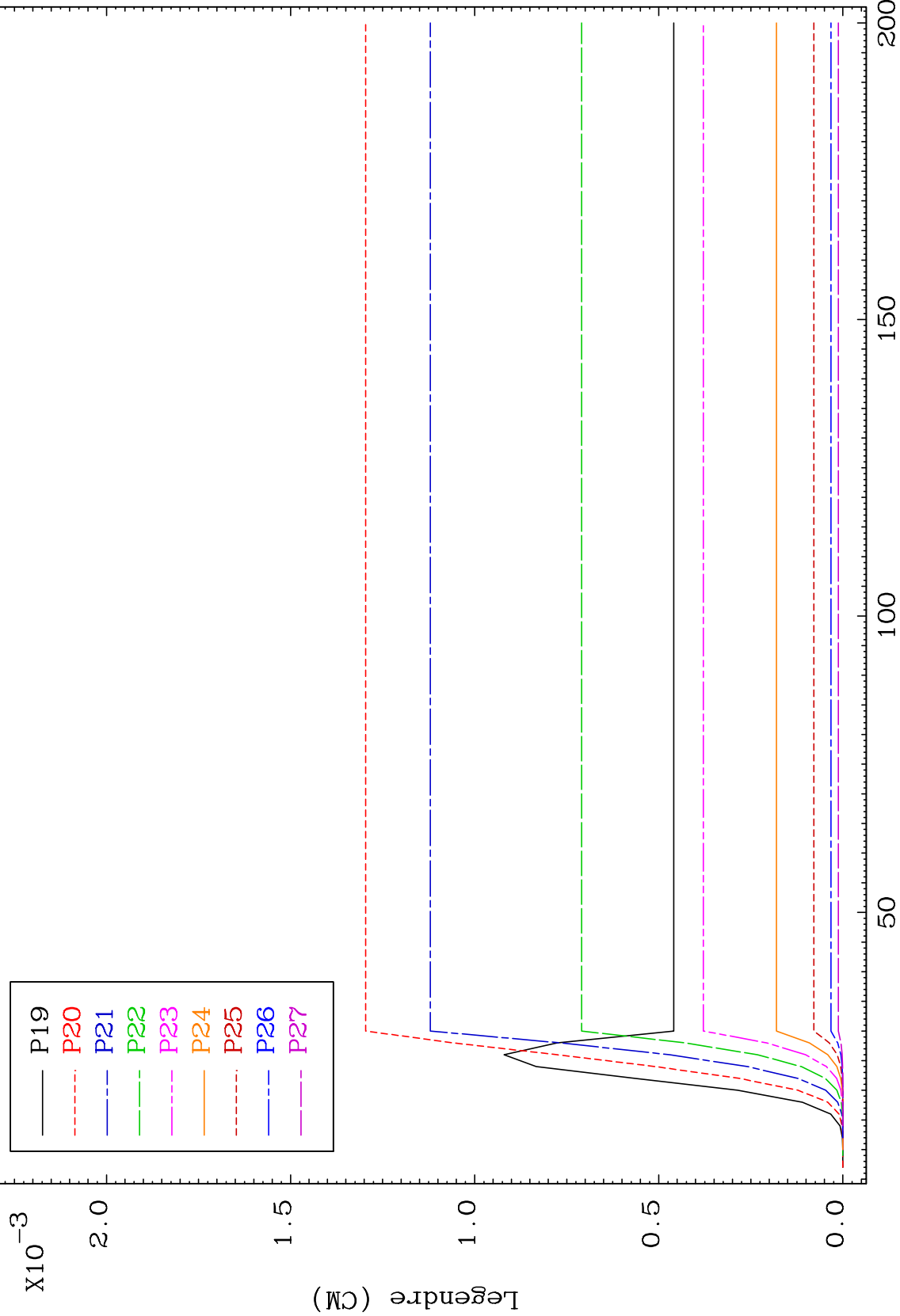
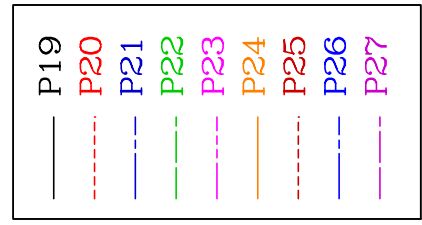
Incident Energy (MeV)

46

MAT 6613

1.751 MeV (n, n') Level
Legendre Coefficients

66-Dy-152



48

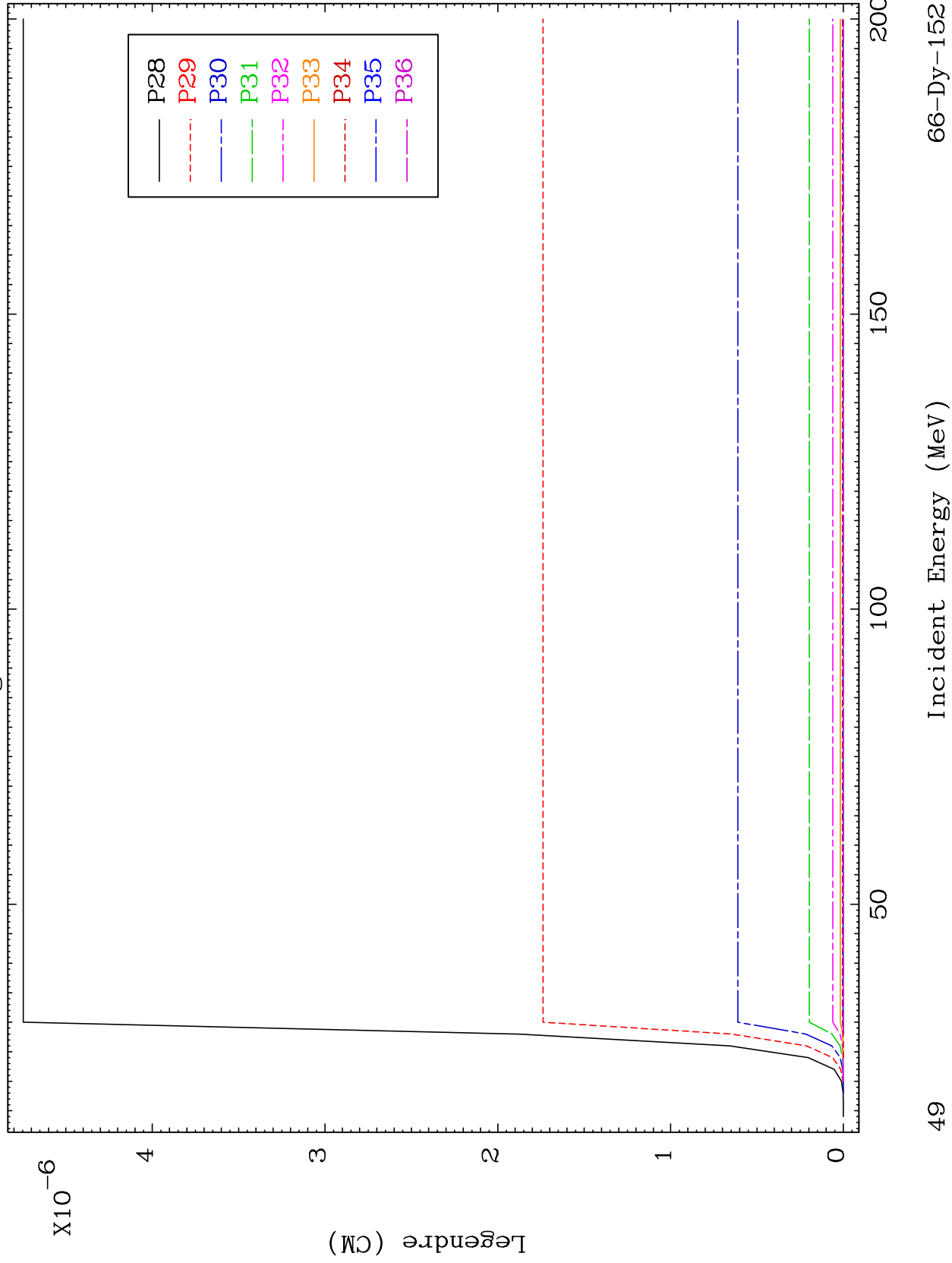
Incident Energy (MeV)

66-Dy-152

MAT 6613

1.751 MeV (n,n') Level
Legendre Coefficients

66-Dy-152



49

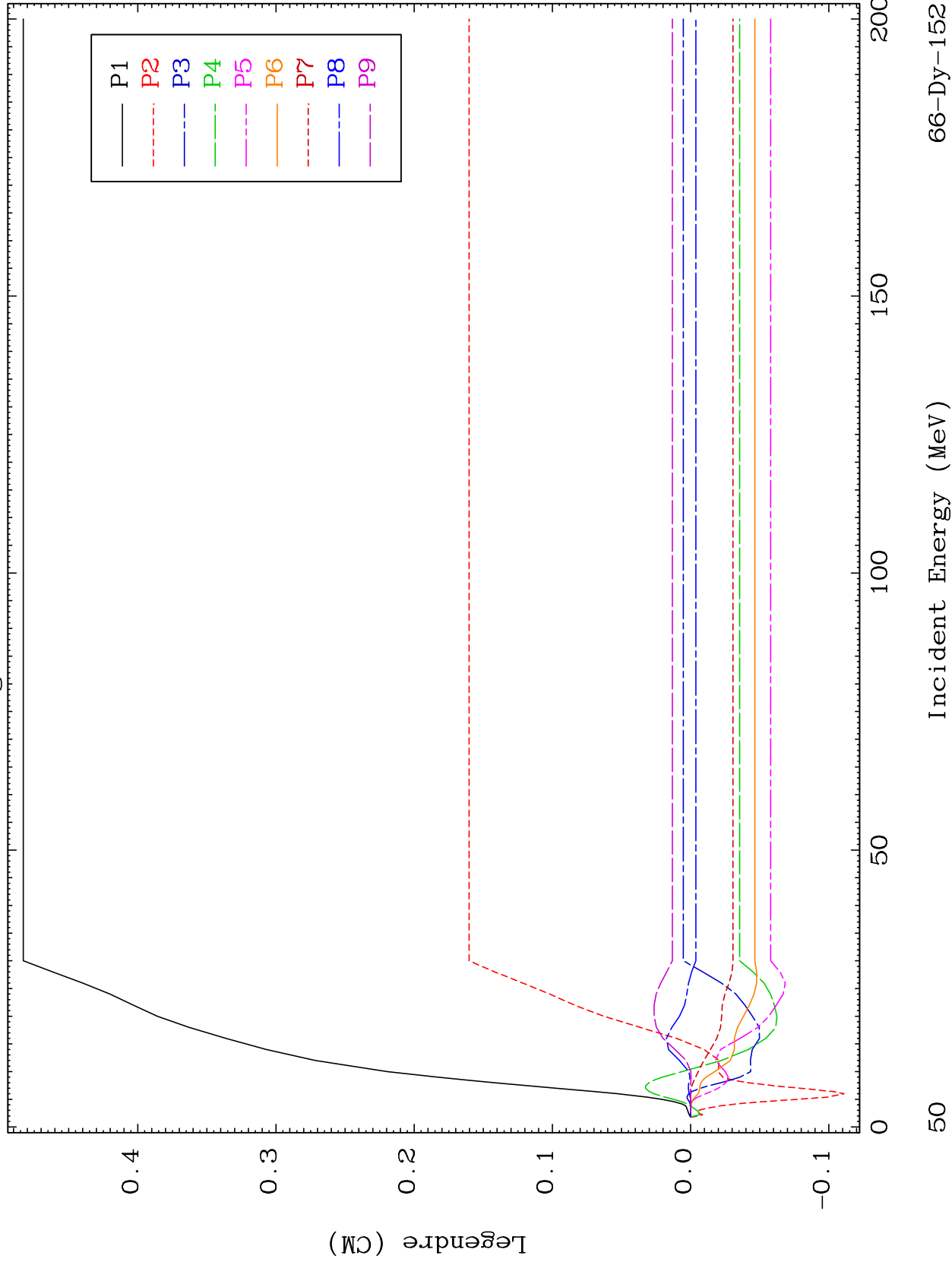
Incident Energy (MeV)

66-Dy-152

MAT 6613

1.782 MeV (n,n') Level
Legendre Coefficients

66-Dy-152

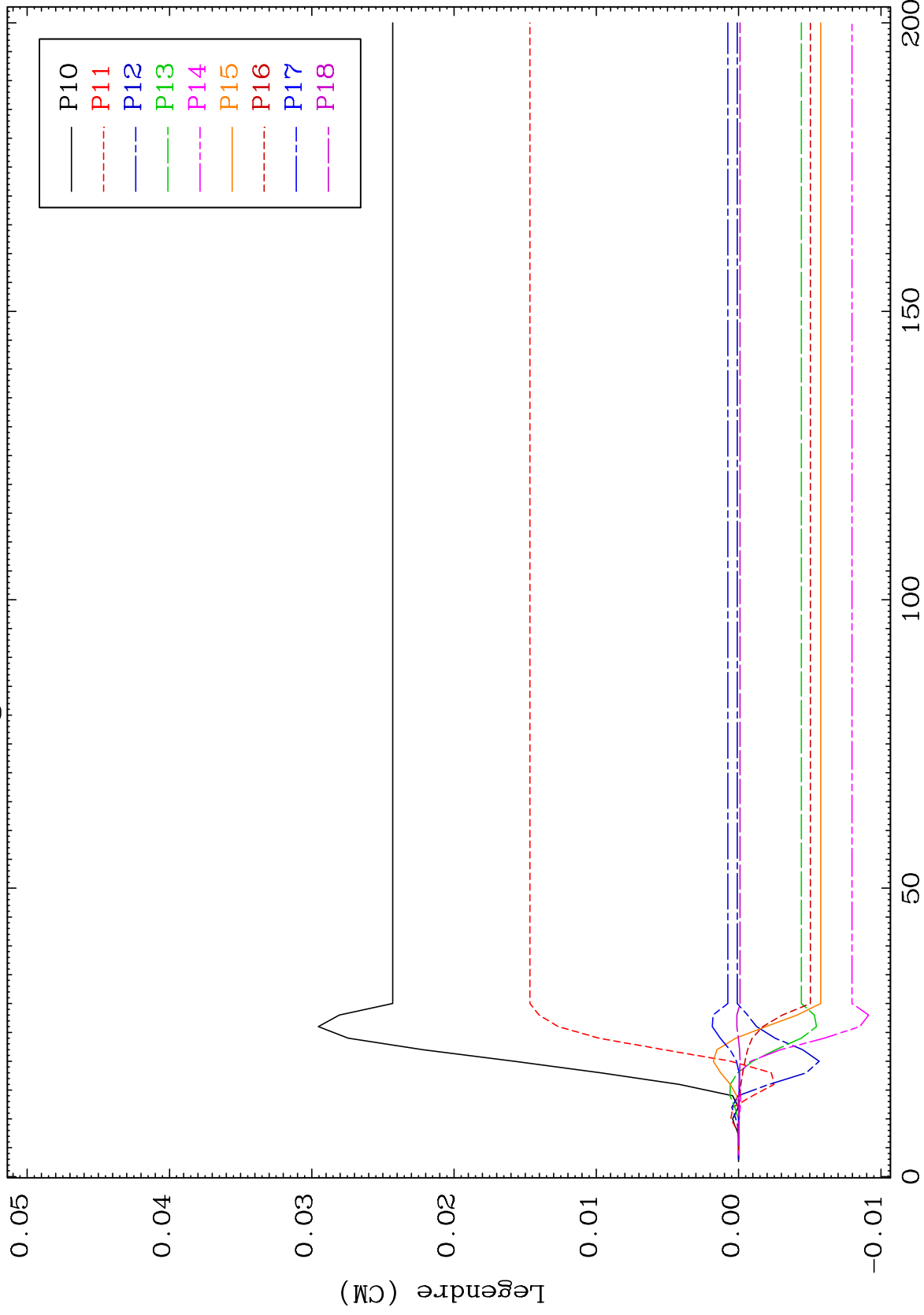


66-Dy-152

MAT 6613

1.782 MeV (n,n') Level
Legendre Coefficients

66-Dy-152



51

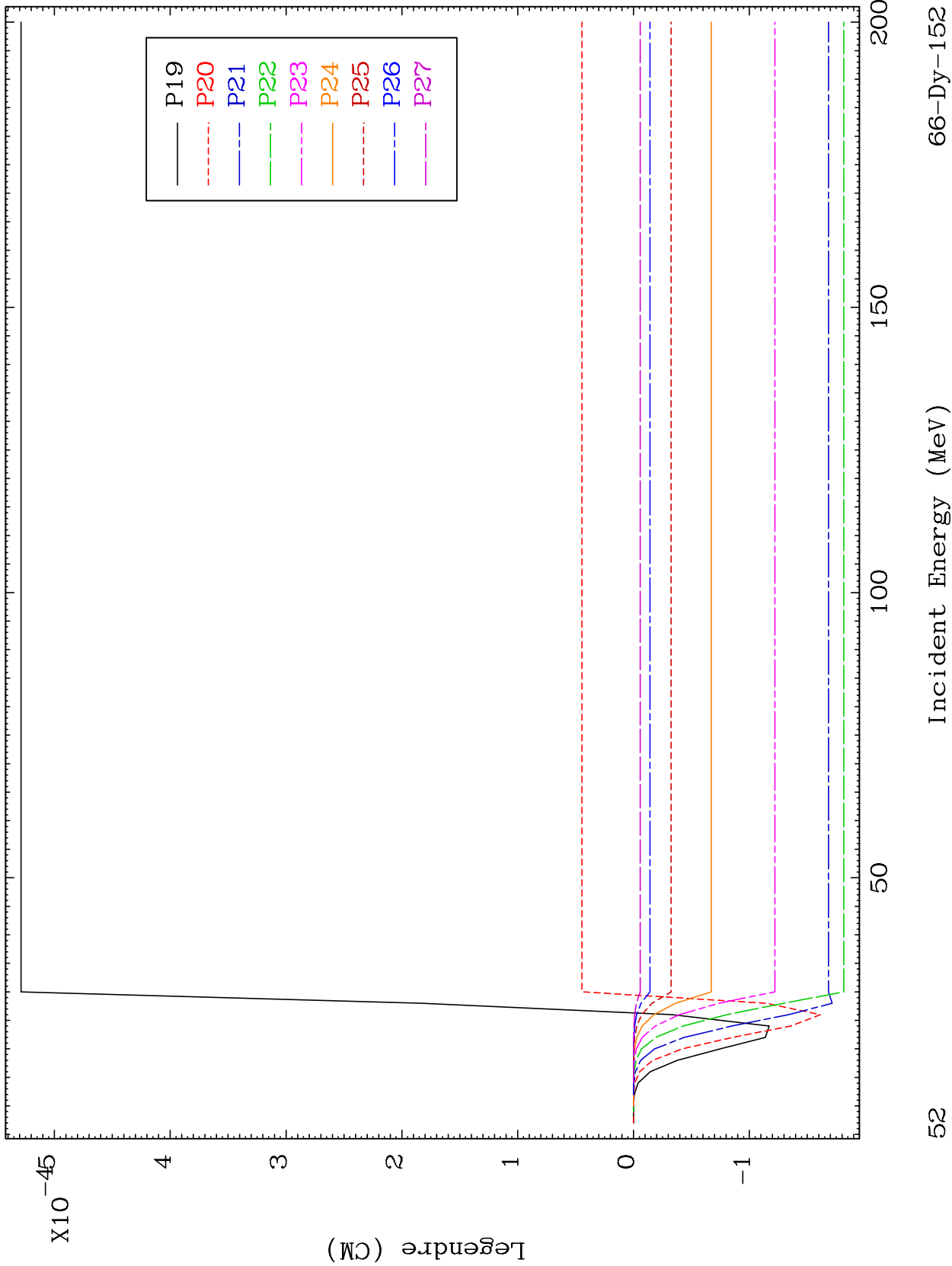
Incident Energy (MeV)

66-Dy-152

MAT 6613

1.782 MeV (n,n') Level
Legendre Coefficients

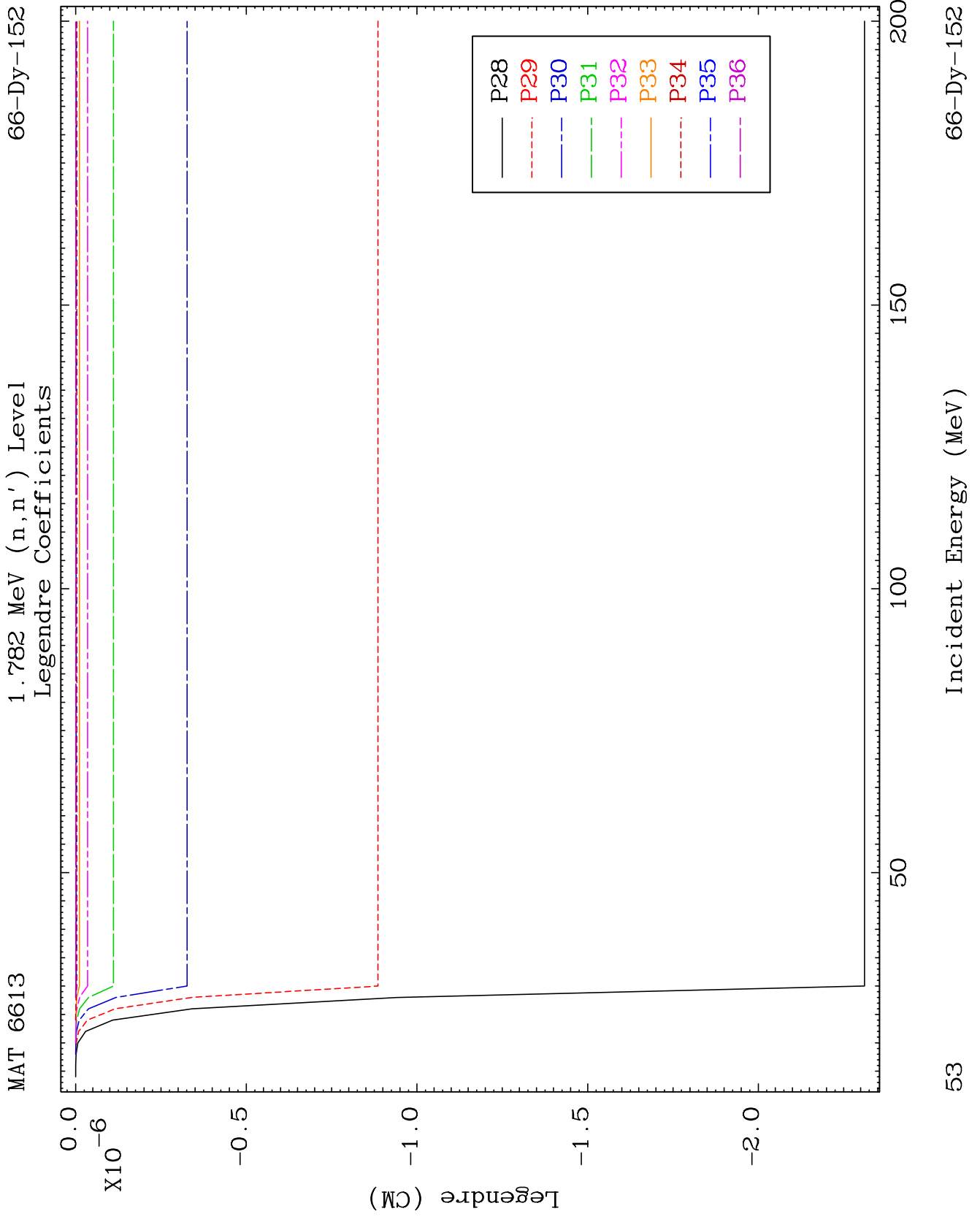
66-Dy-152



52

Incident Energy (MeV)

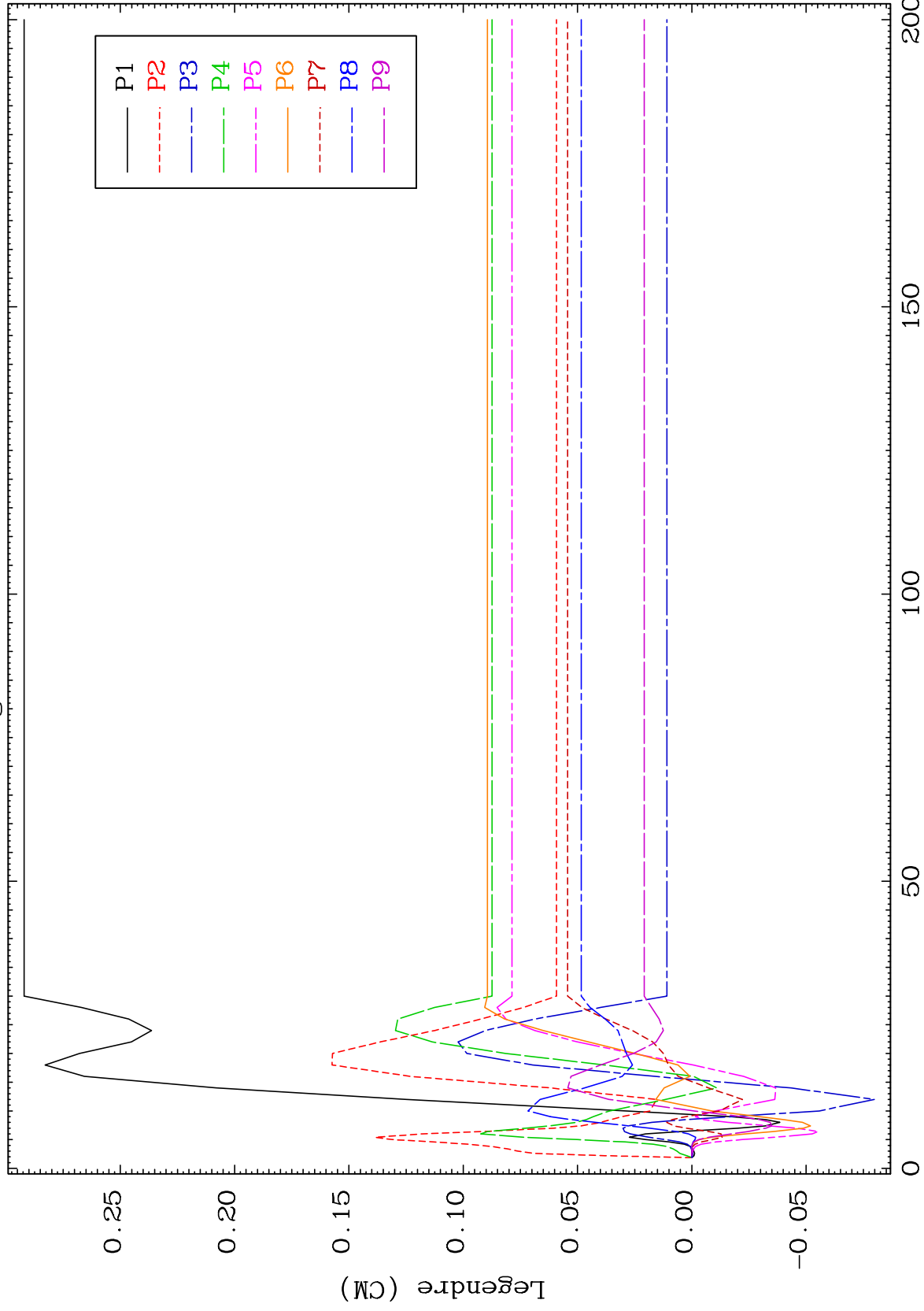
66-Dy-152



MAT 6613

1.841 MeV (n, n') Level
Legendre Coefficients

66-Dy-152



54

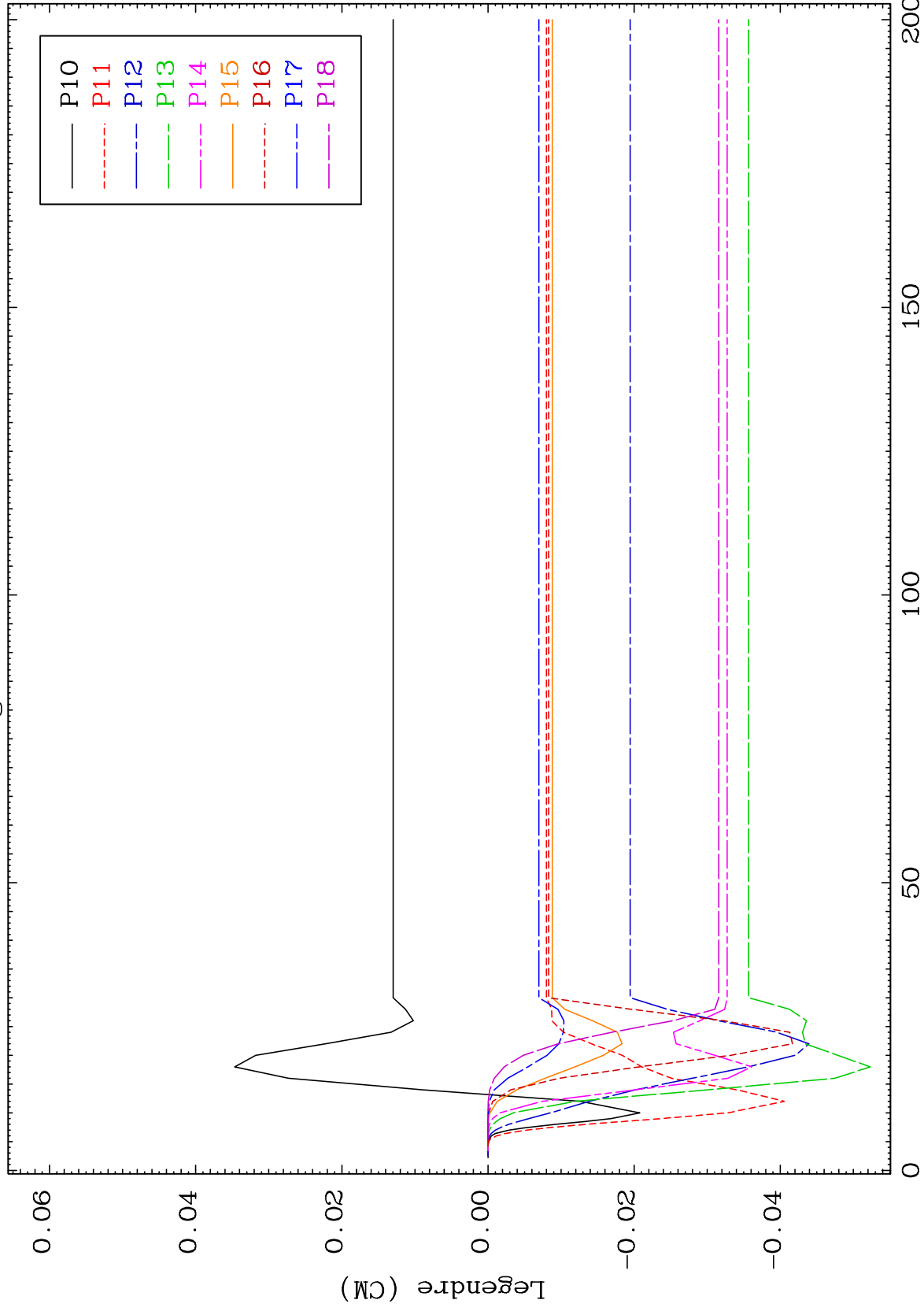
Incident Energy (MeV)

66-Dy-152

MAT 6613

1.841 MeV (n,n') Level
Legendre Coefficients

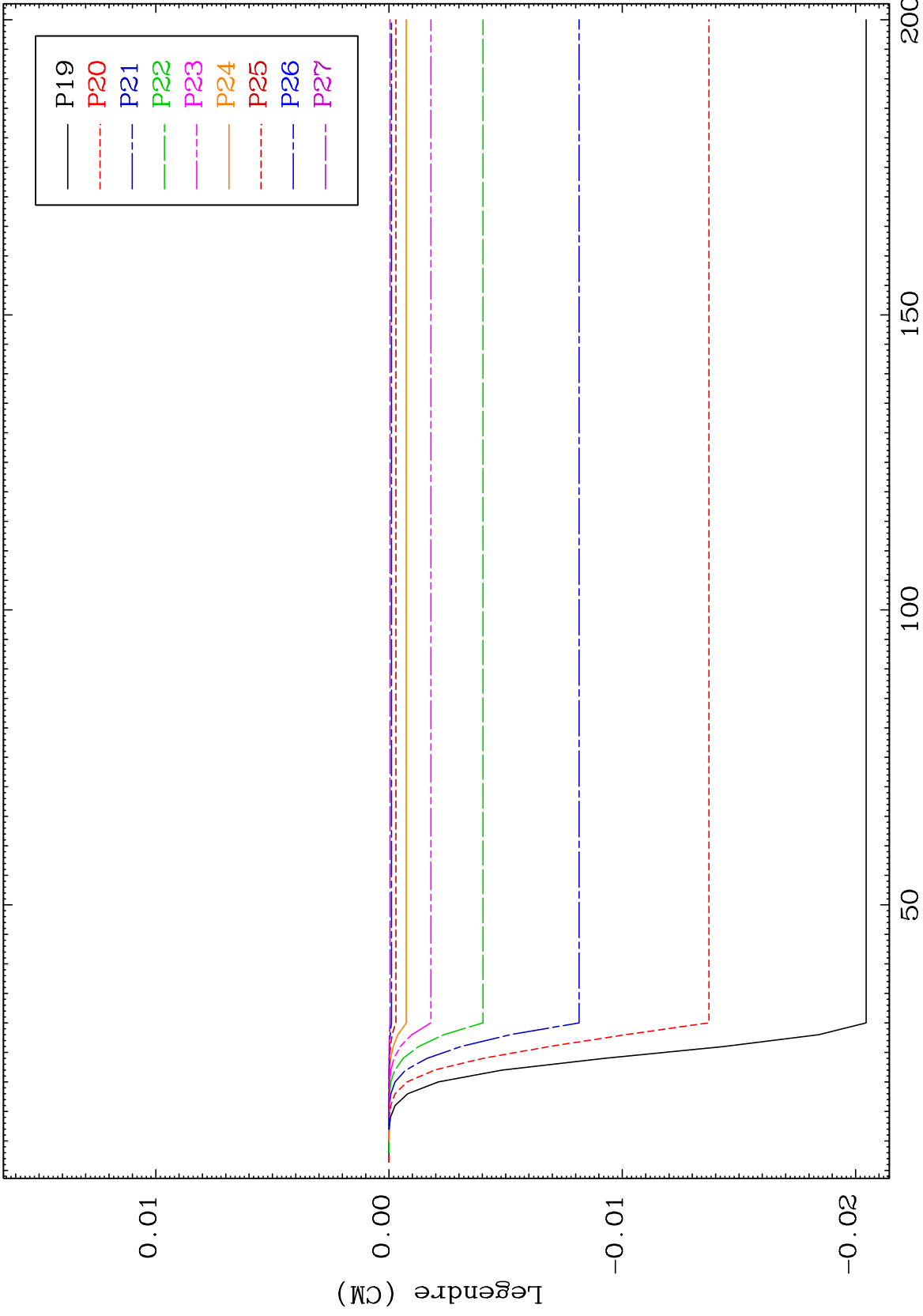
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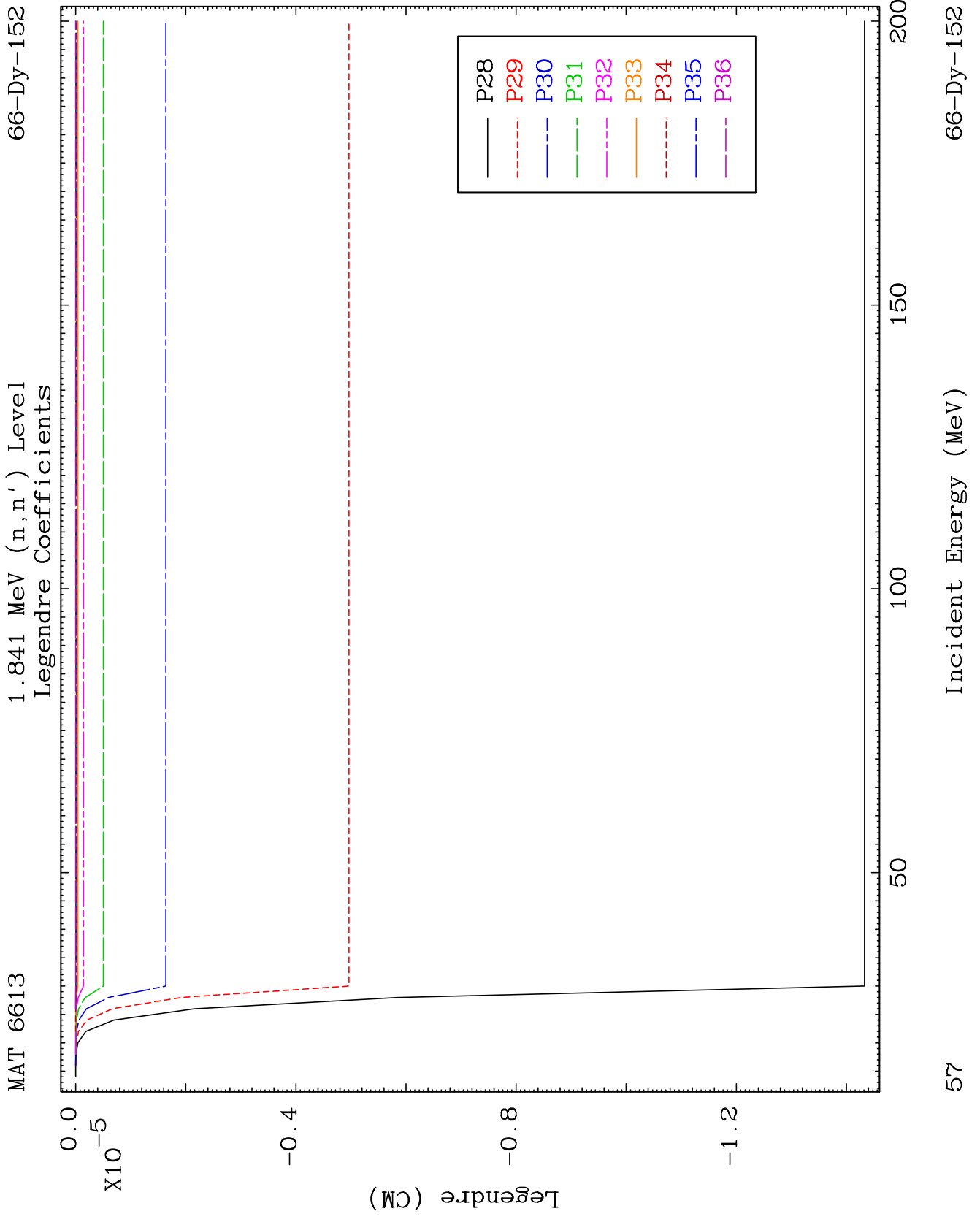


55

Incident Energy (MeV)

66-Dy-152

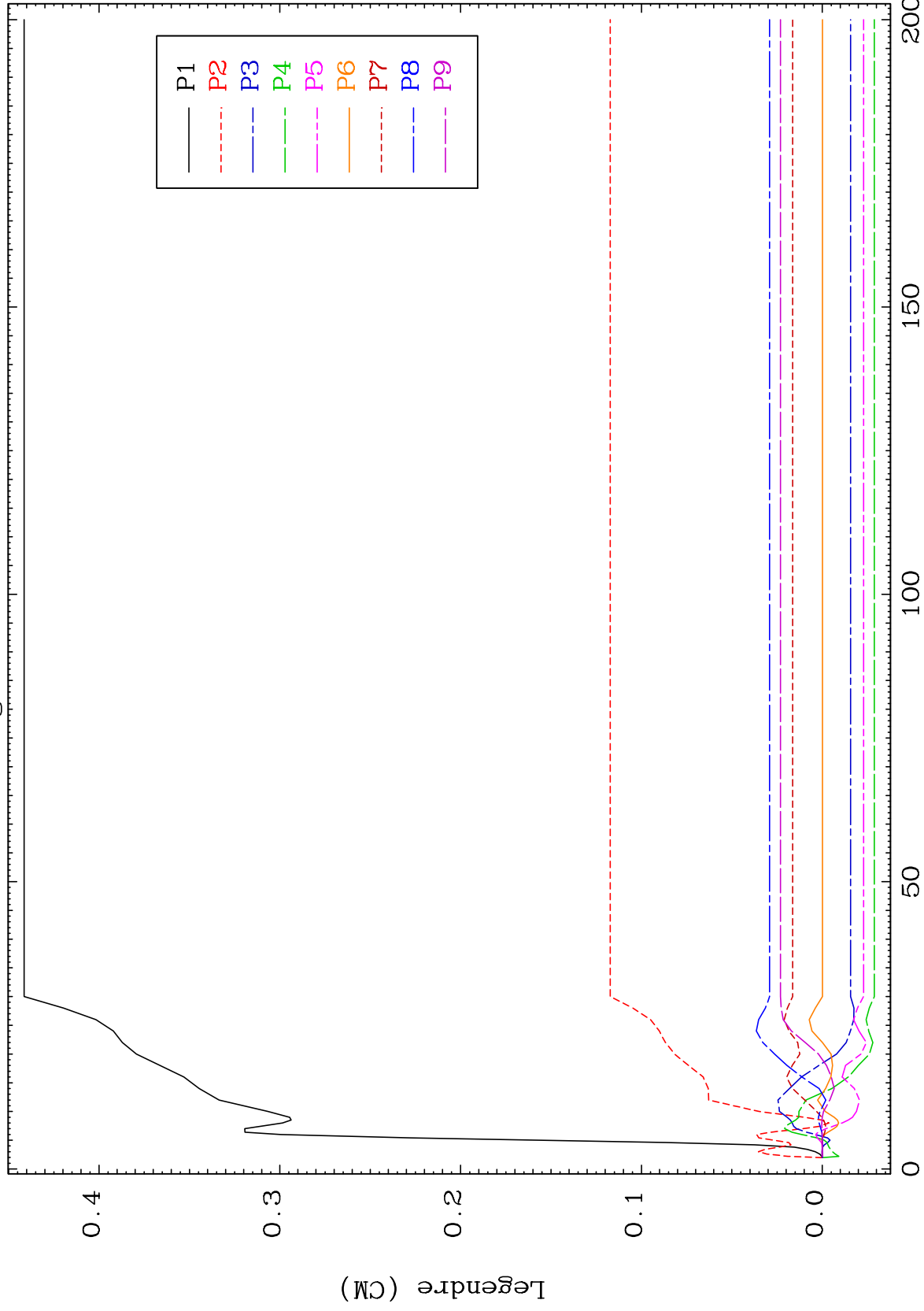




MAT 6613

1.945 MeV (n,n') Level
Legendre Coefficients

66-Dy-152



58

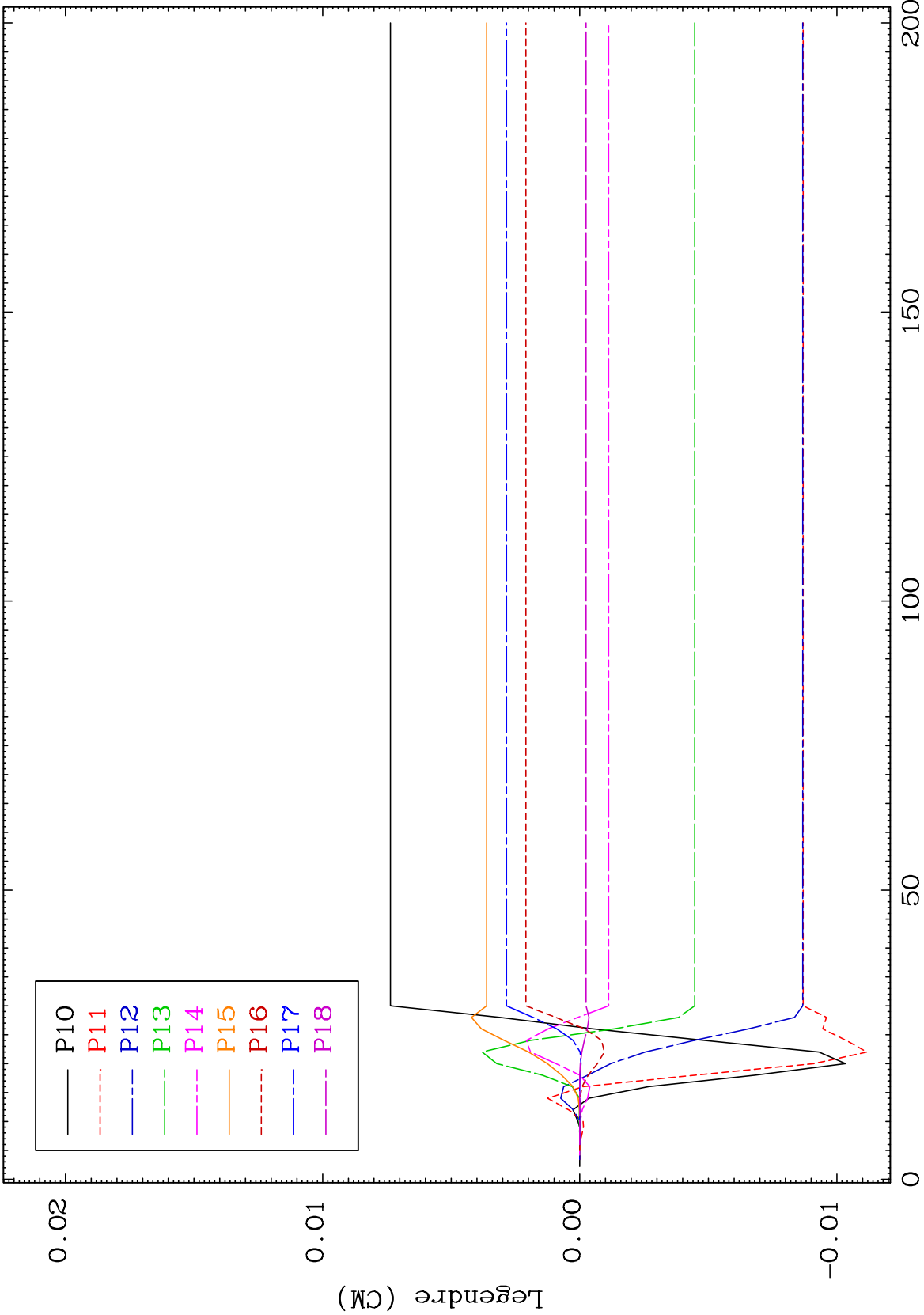
Incident Energy (MeV)

66-Dy-152

MAT 6613

1.945 MeV (n,n') Level Legendre Coefficients

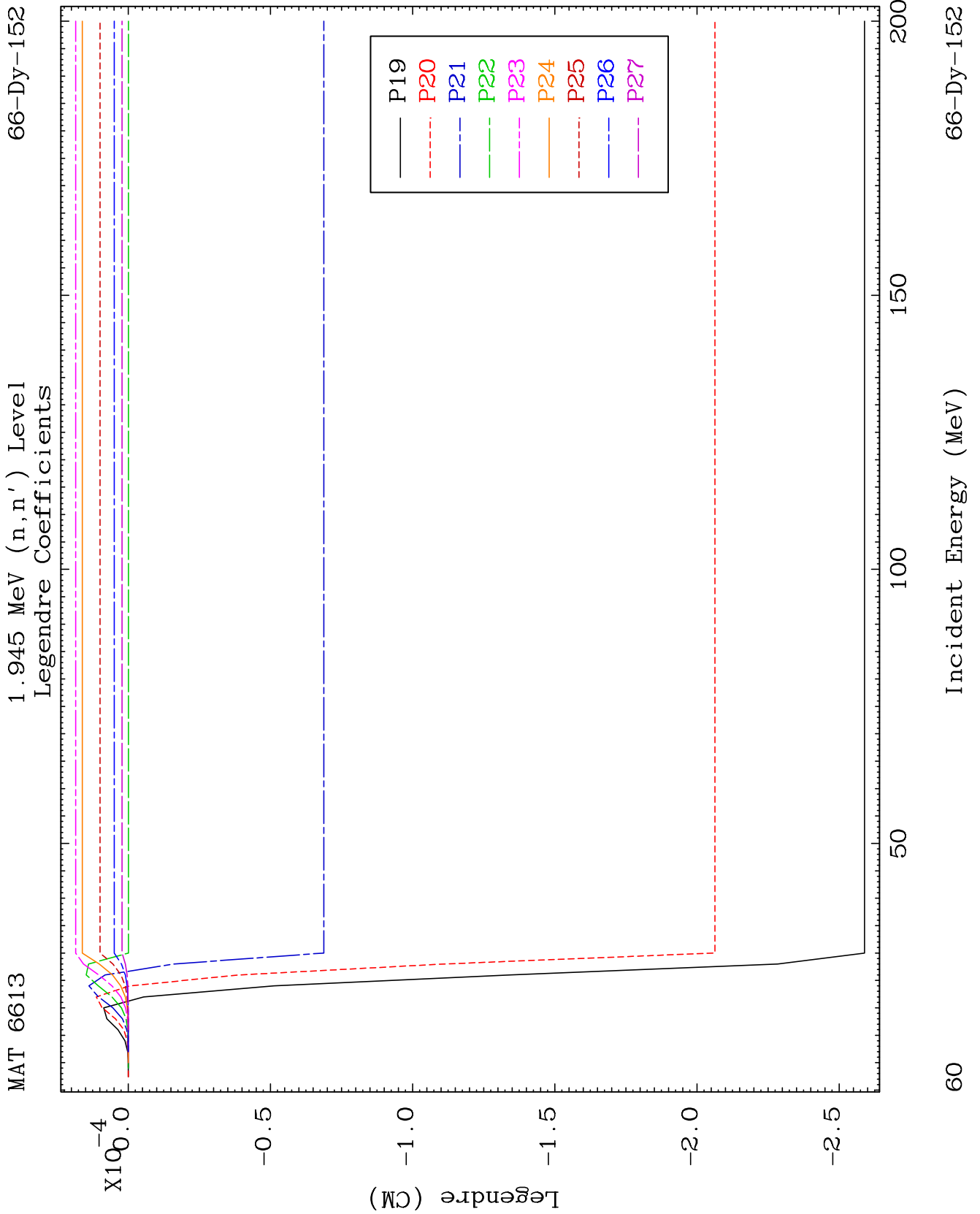
66-Dy-152



59

Incident Energy (MeV)

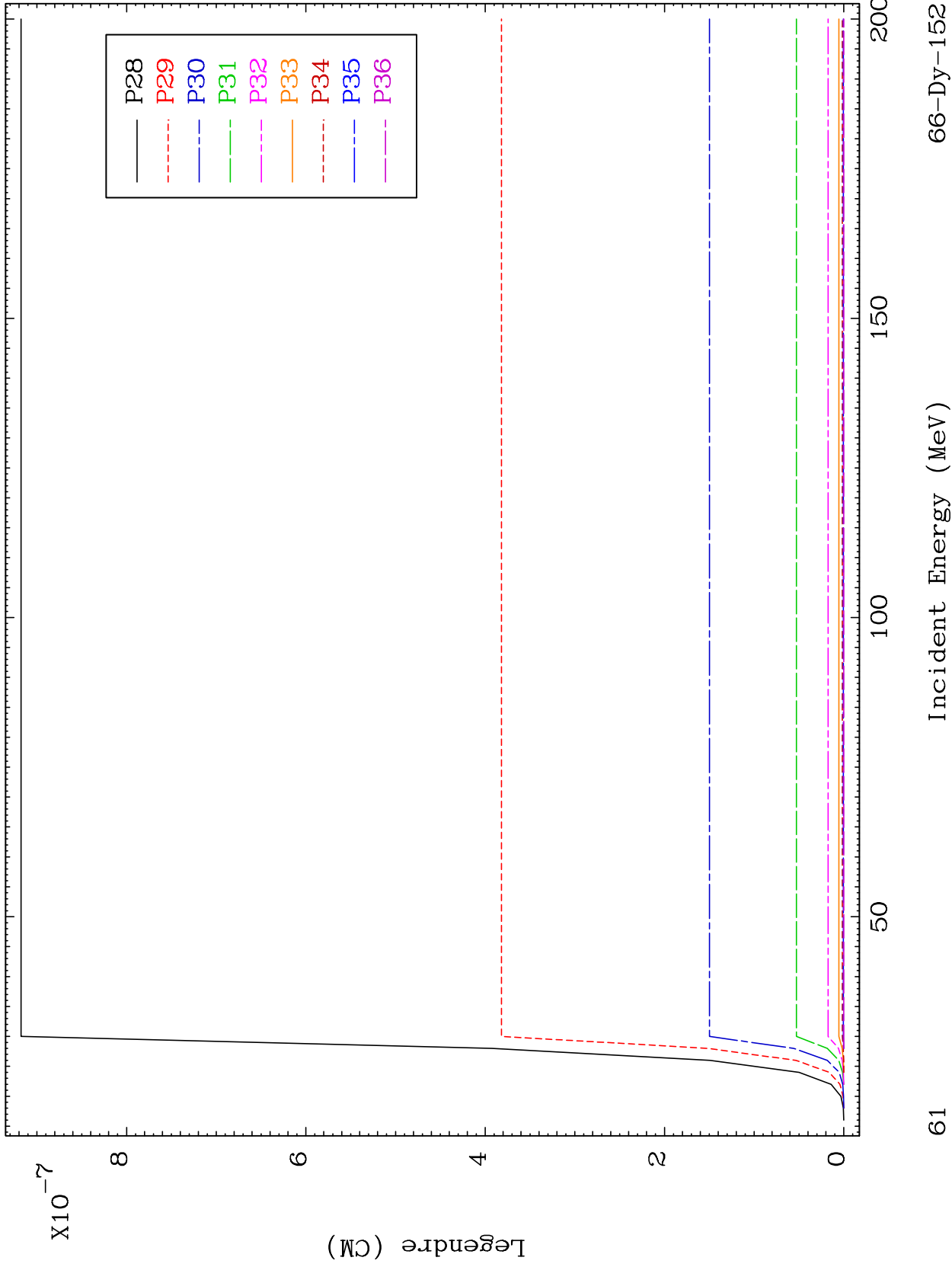
66-Dy-152



MAT 6613

1.945 MeV (n,n') Level
Legendre Coefficients

66-Dy-152



61

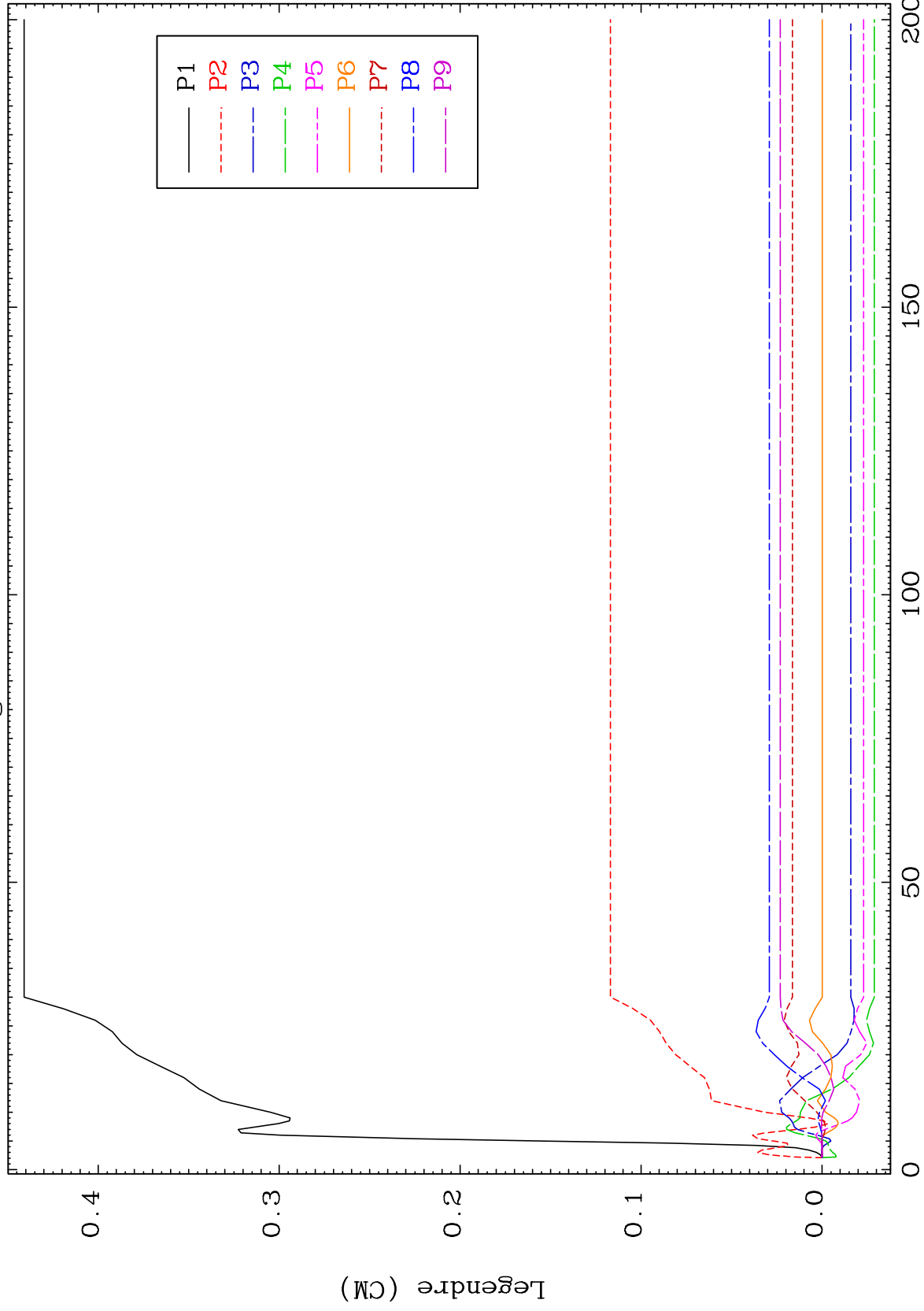
Incident Energy (MeV)

66-Dy-152

MAT 6613

2.071 MeV (n,n') Level
Legendre Coefficients

66-Dy-152



62

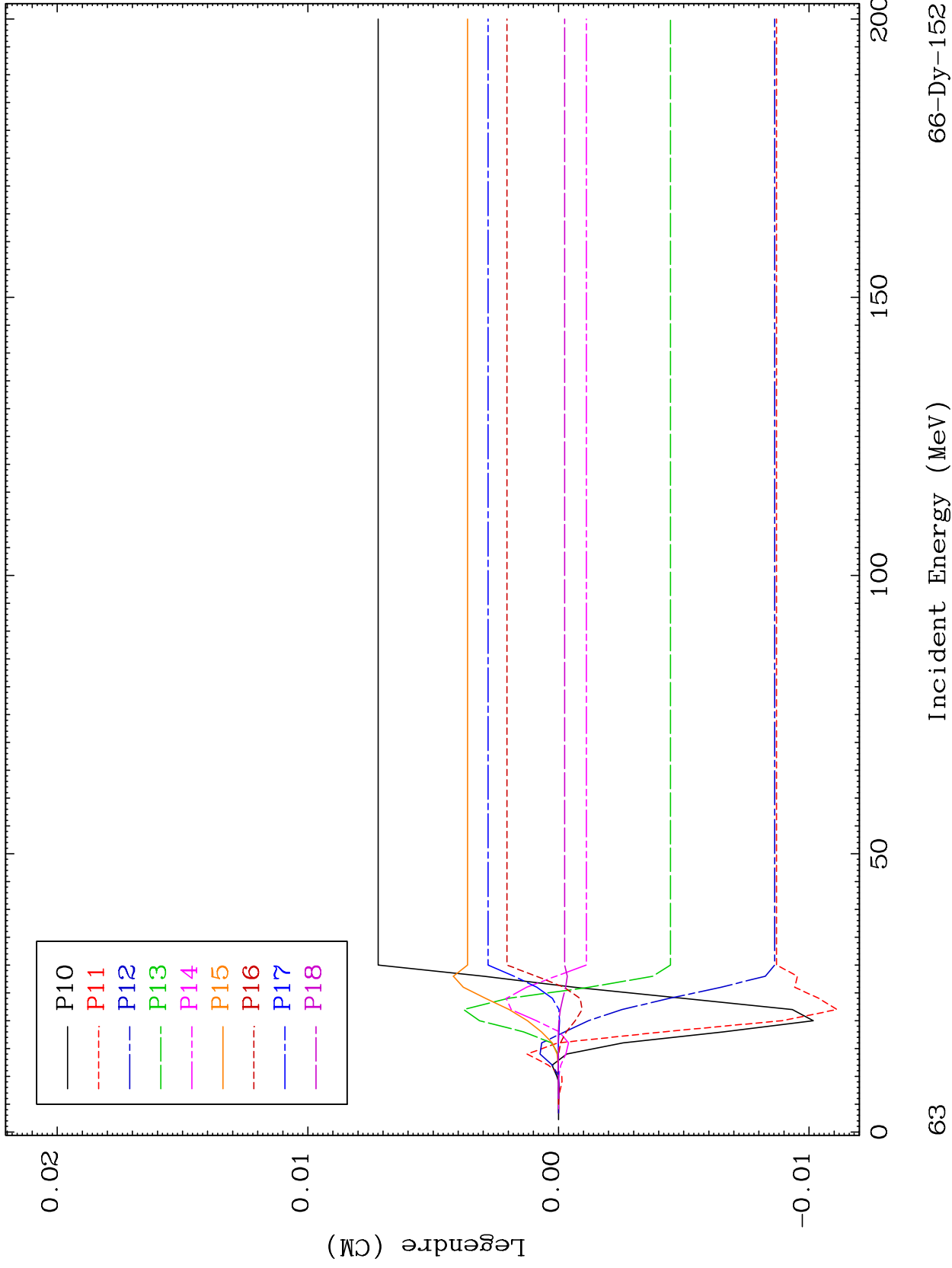
Incident Energy (MeV)

66-Dy-152

MAT 6613

2.071 MeV (n,n') Level
Legendre Coefficients

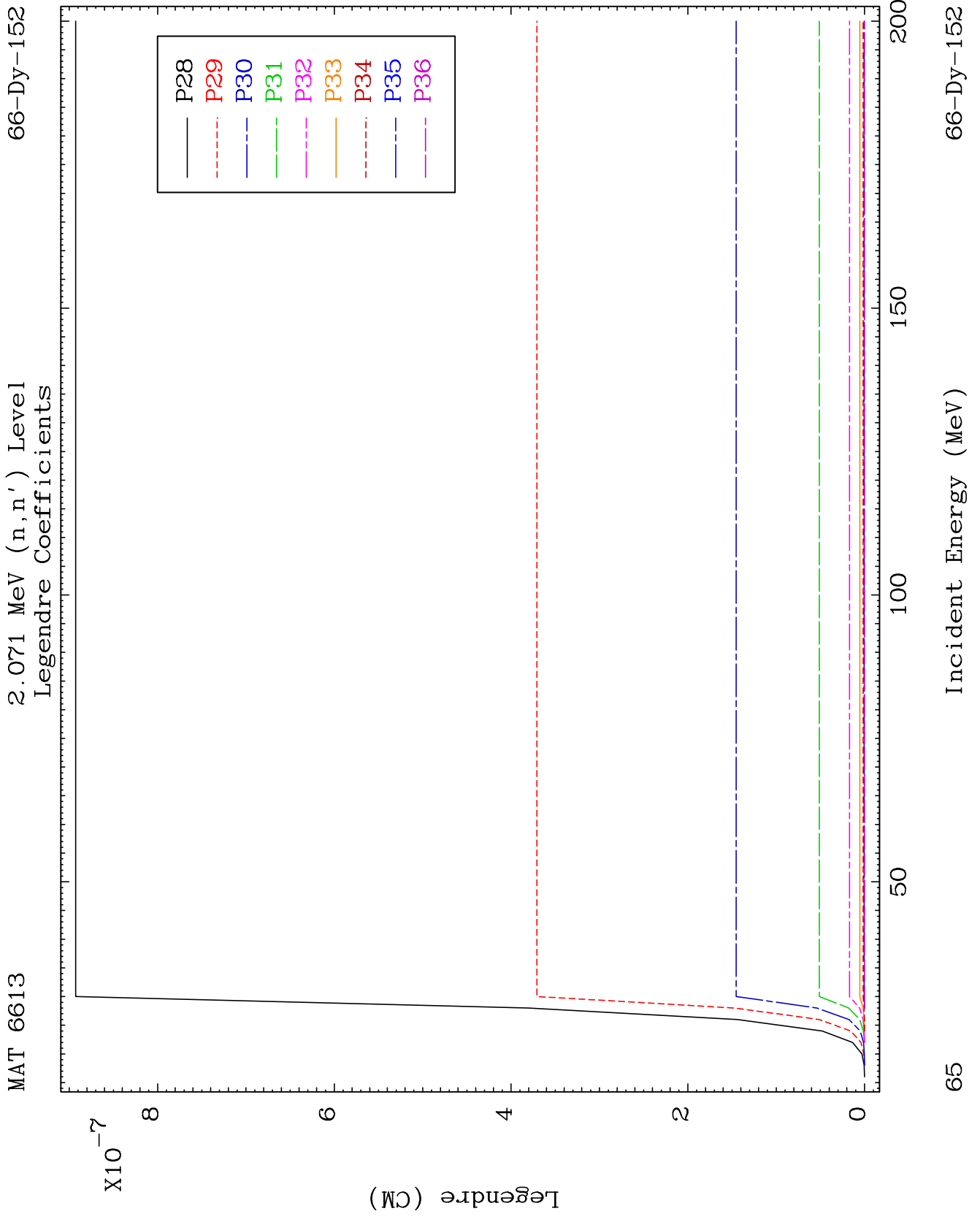
66-Dy-152



63

Incident Energy (MeV)

66-Dy-152

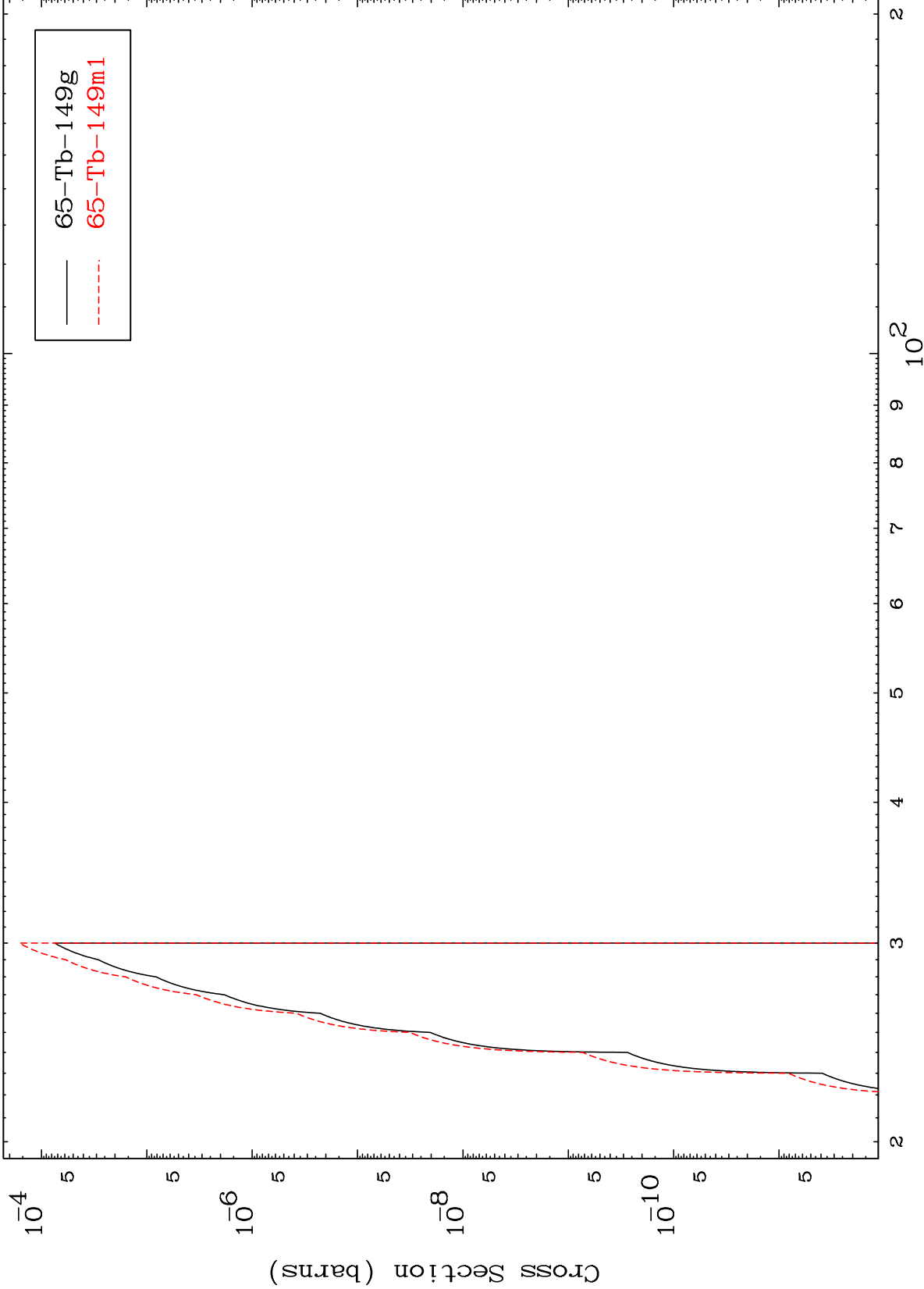


MAT 6613

(n,2n) d

66-Dy-152

Radionuclide Production Cross Section



66

Incident Energy (MeV)

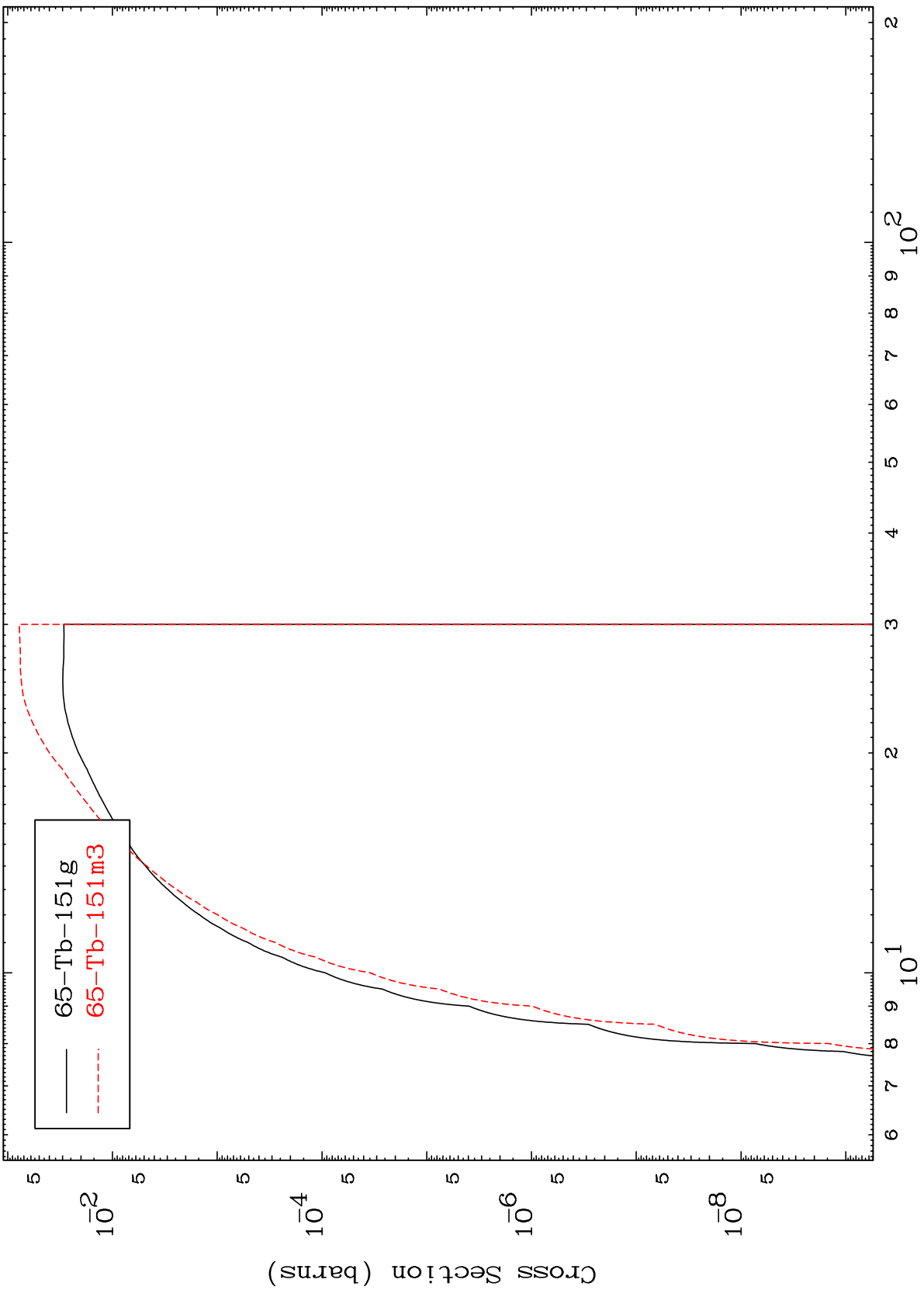
66-Dy-152

MAT 6613

(n,n') p

66-Dy-152

Radionuclide Production Cross Section



67

Incident Energy (MeV)

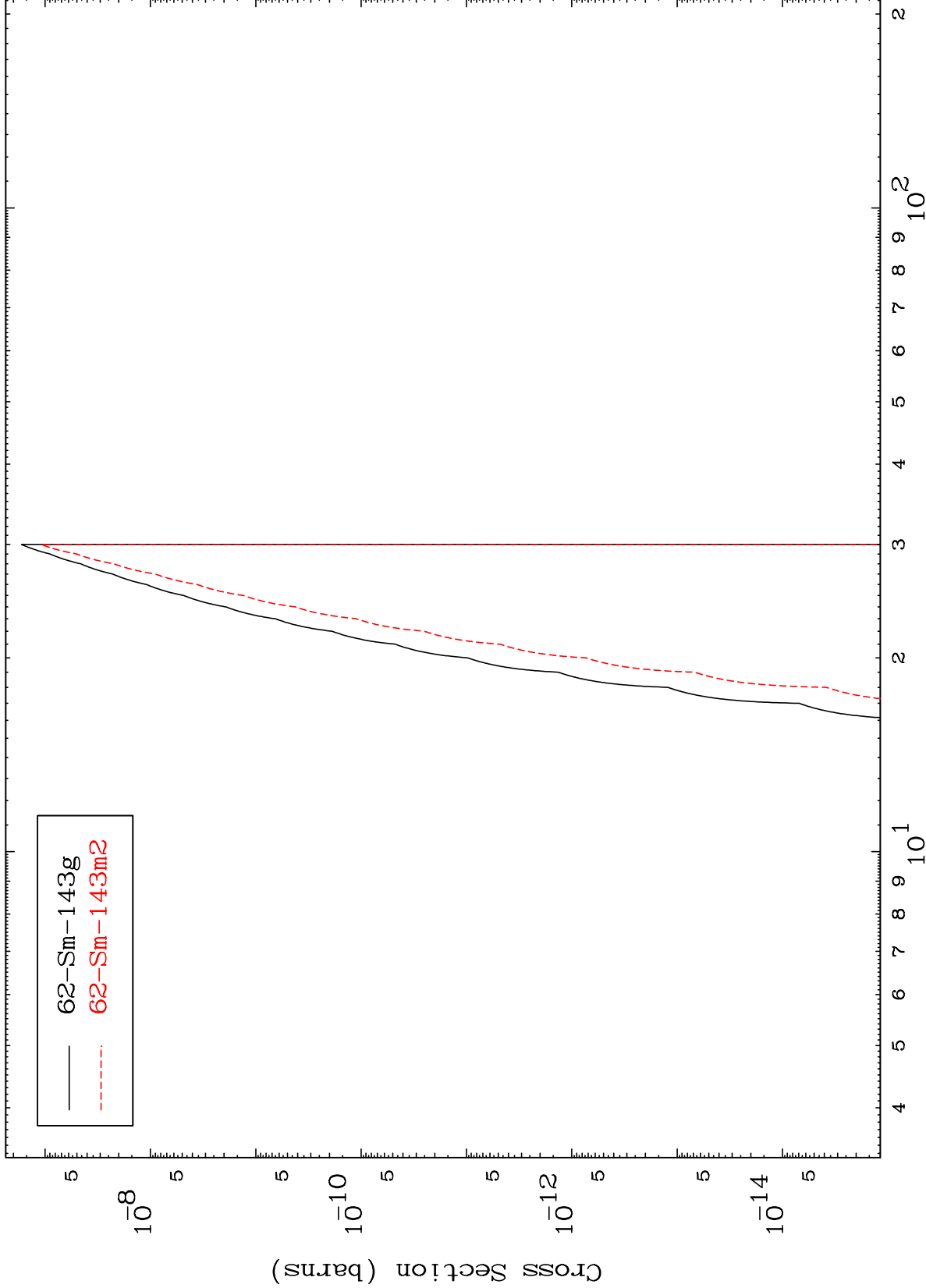
66-Dy-152

MAT 6613

(n,2n) 2α

66-Dy-152

Radionuclide Production Cross Section

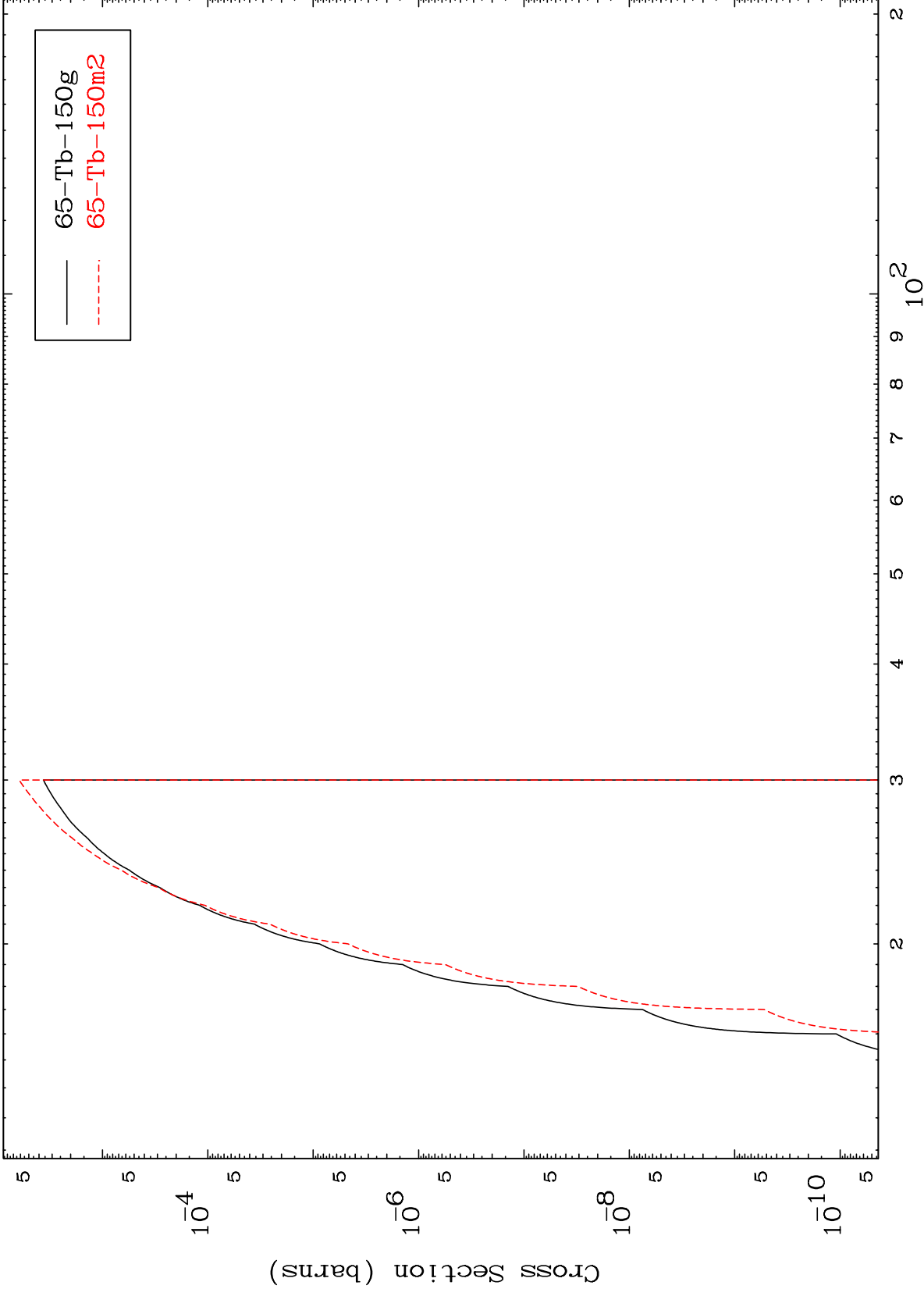


68

Incident Energy (MeV)

66-Dy-152

Radionuclide Production Cross Section



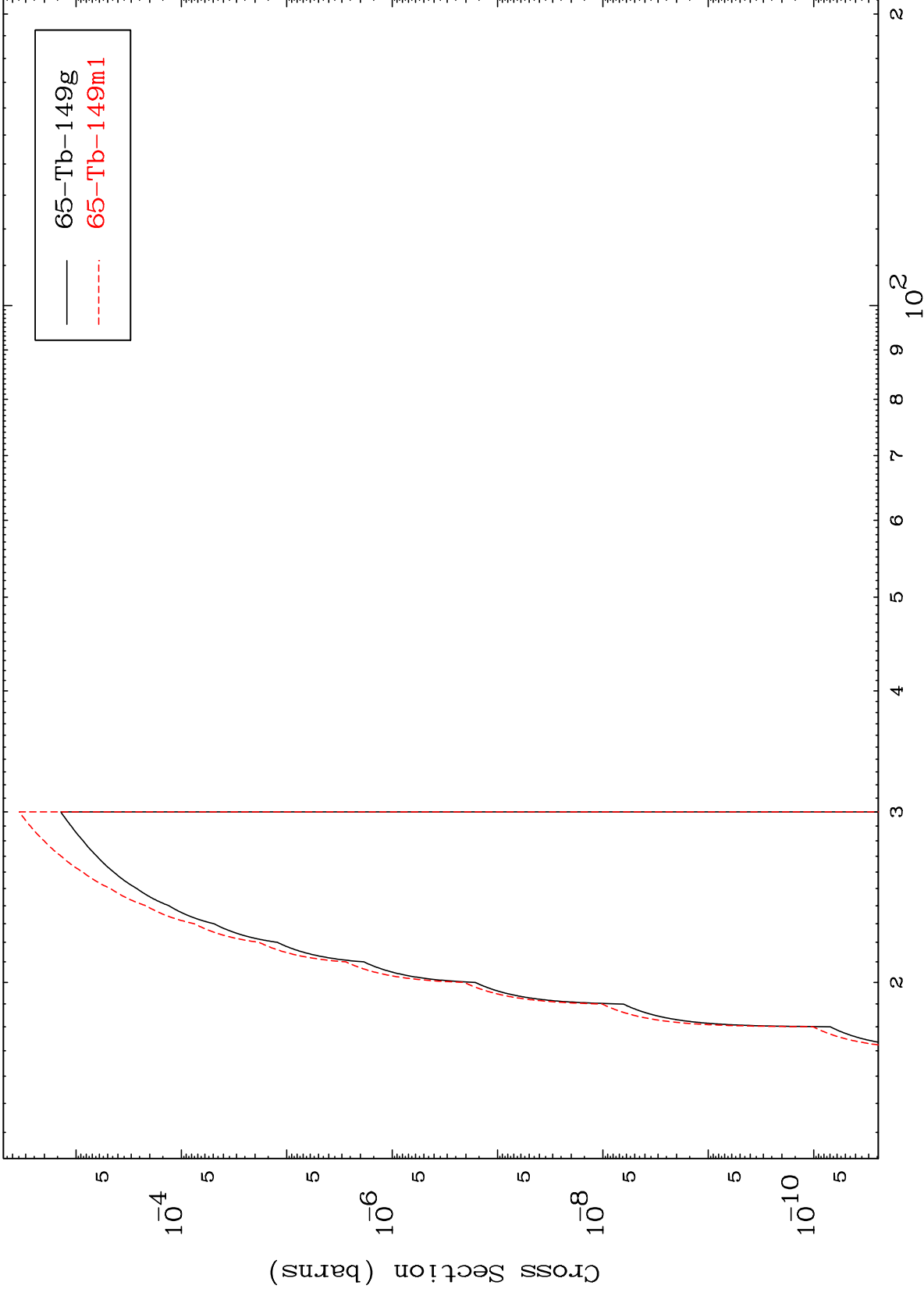
65-Tb-150g
65-Tb-150m2

MAT 6613

(n,n') t

66-Dy-152

Radionuclide Production Cross Section



70

Incident Energy (MeV)

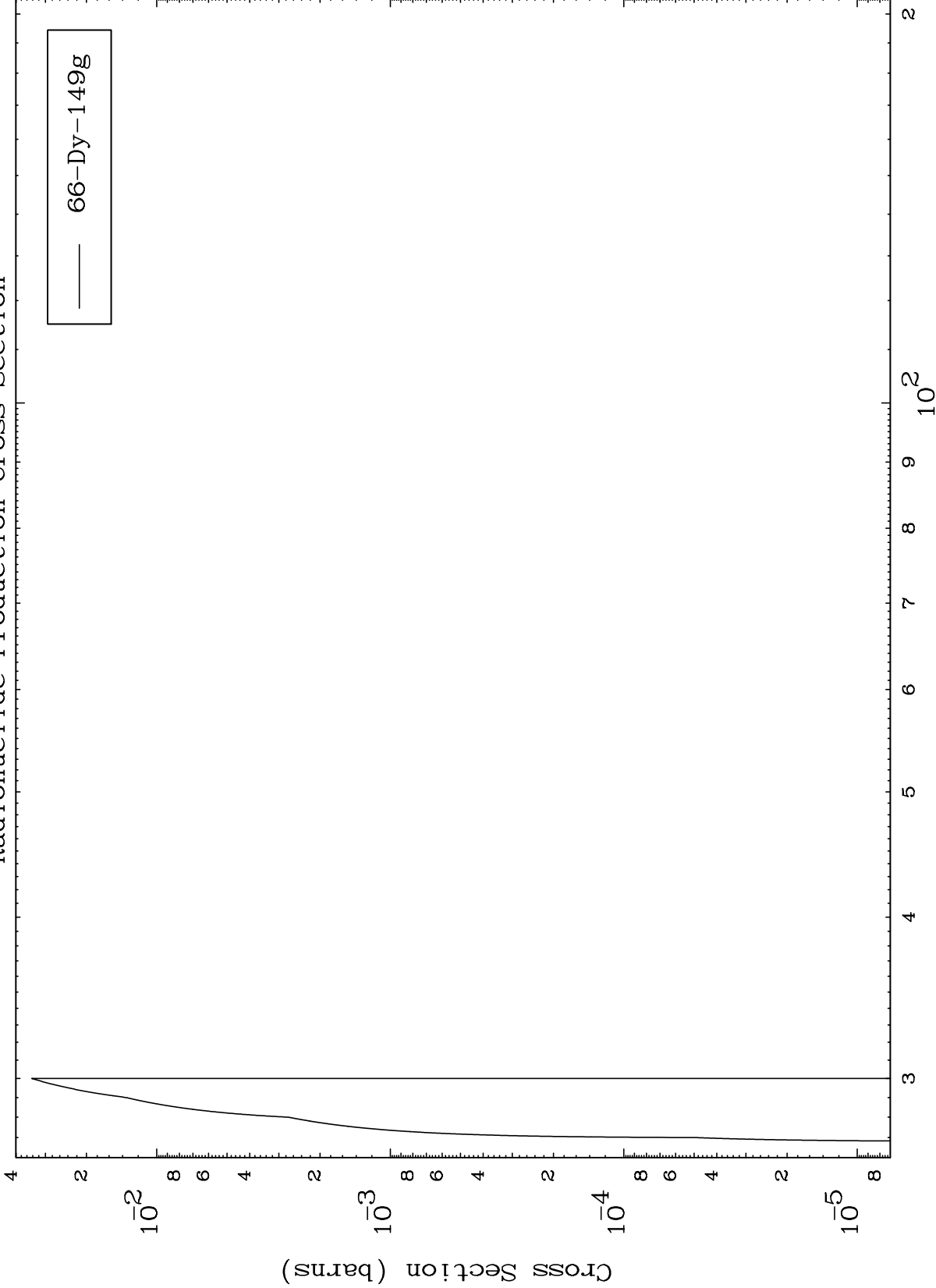
66-Dy-152

MAT 6613

(n,4n)

66-Dy-152

Radionuclide Production Cross Section



71

Incident Energy (MeV)

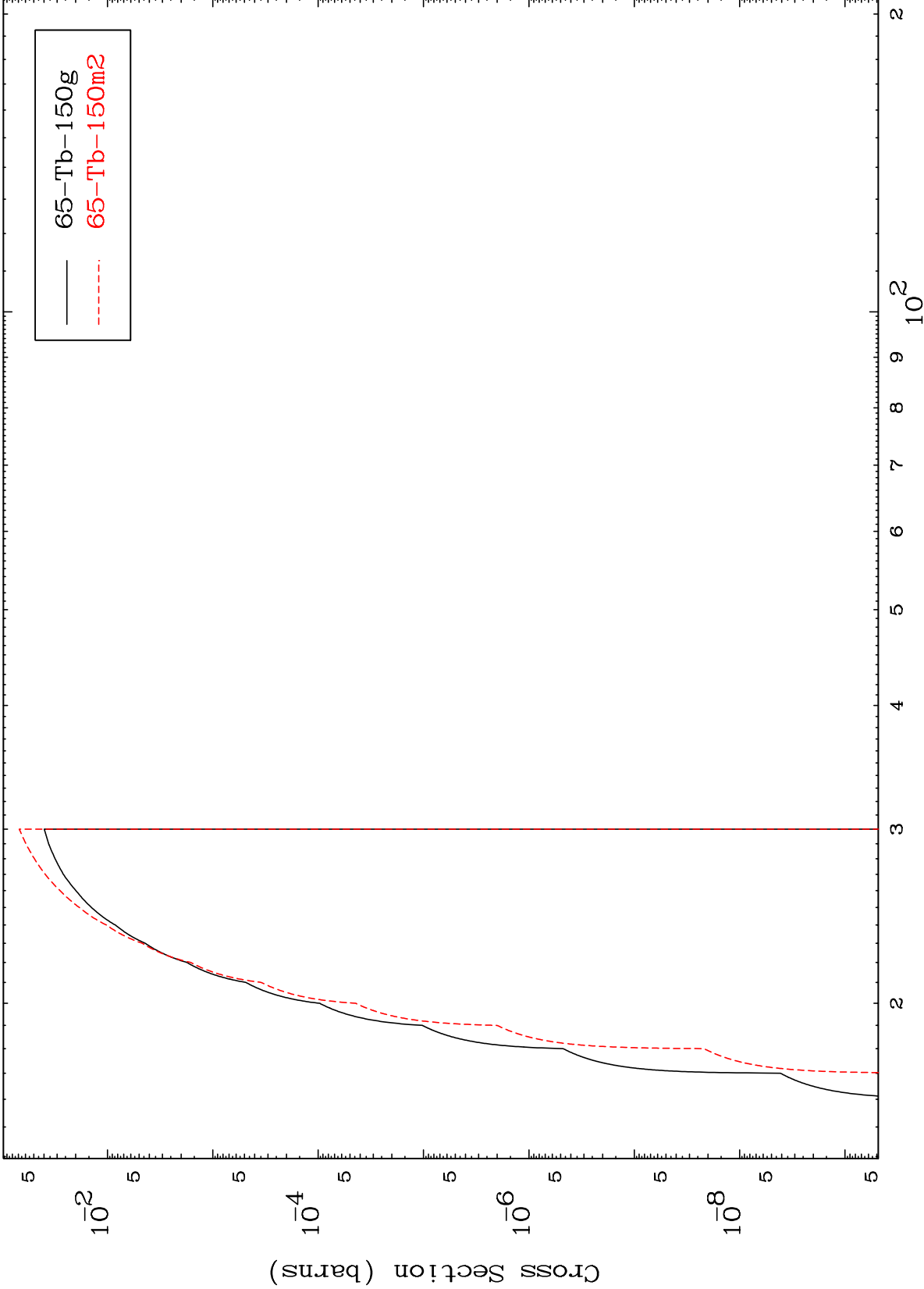
66-Dy-152

MAT 6613

(n,2n) p

66-Dy-152

Radionuclide Production Cross Section



72

Incident Energy (MeV)

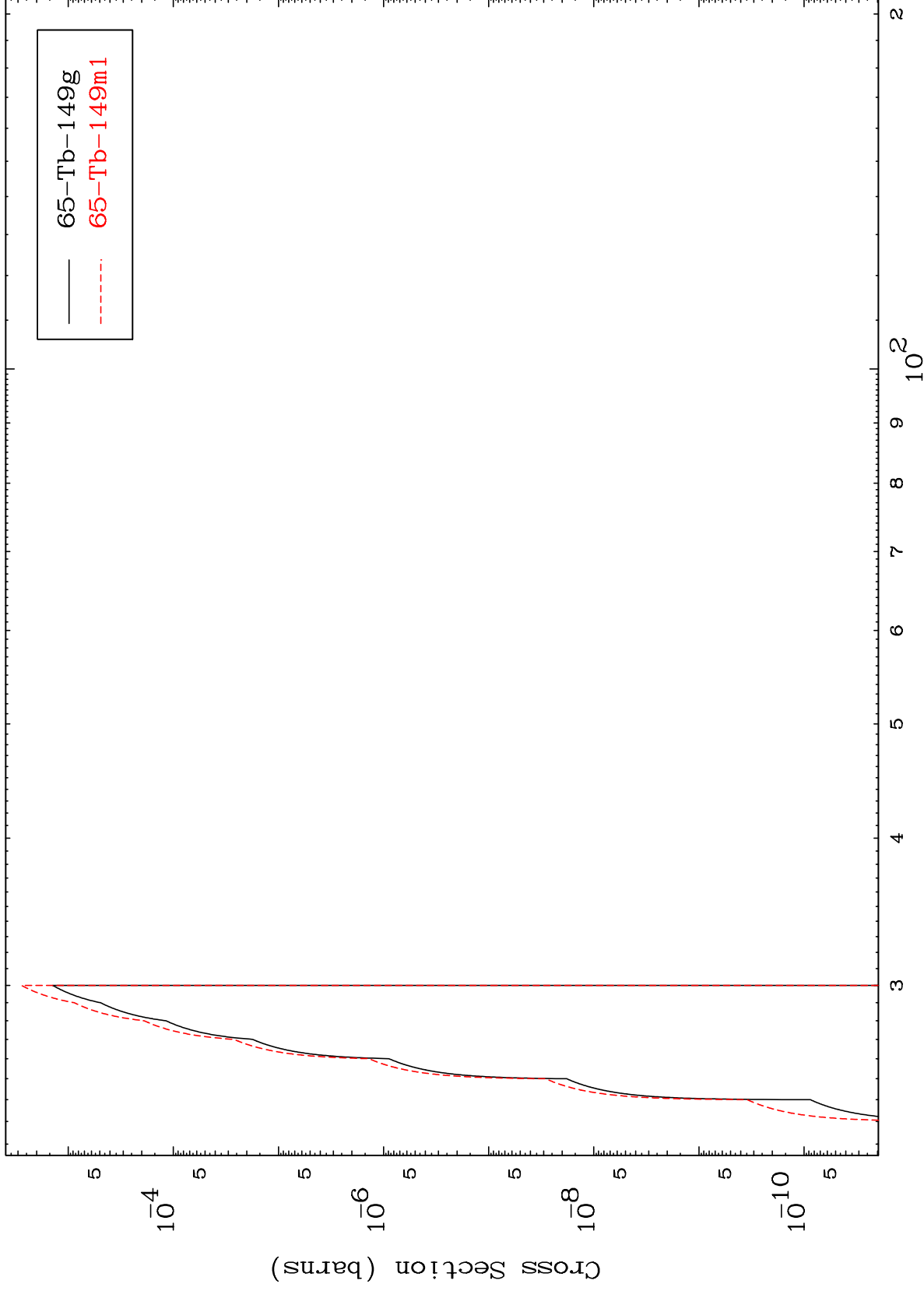
66-Dy-152

MAT 6613

(n,3n) p

66-Dy-152

Radionuclide Production Cross Section



73

Incident Energy (MeV)

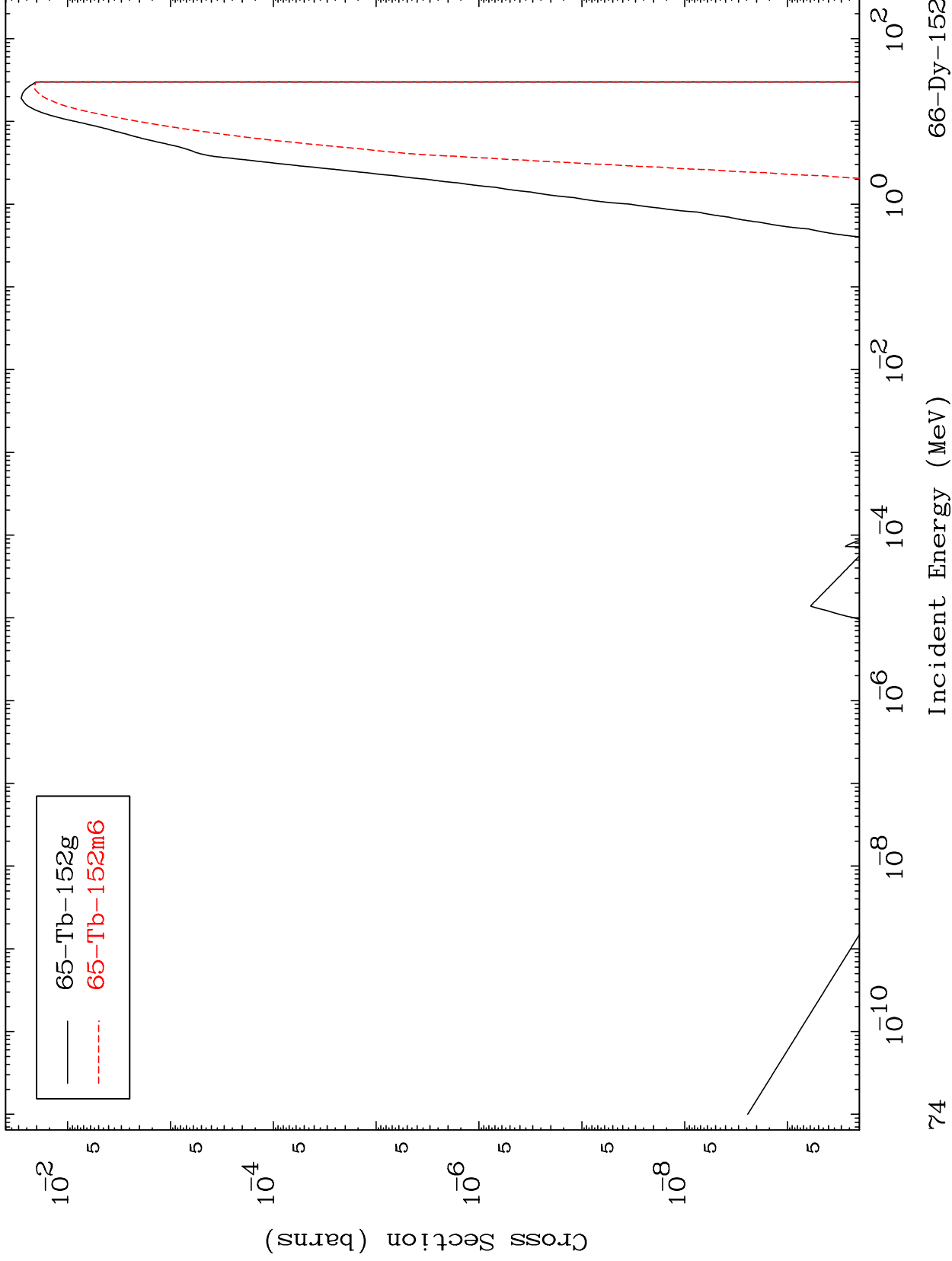
66-Dy-152

MAT 6613

(n,p)

66-Dy-152

Radionuclide Production Cross Section



74

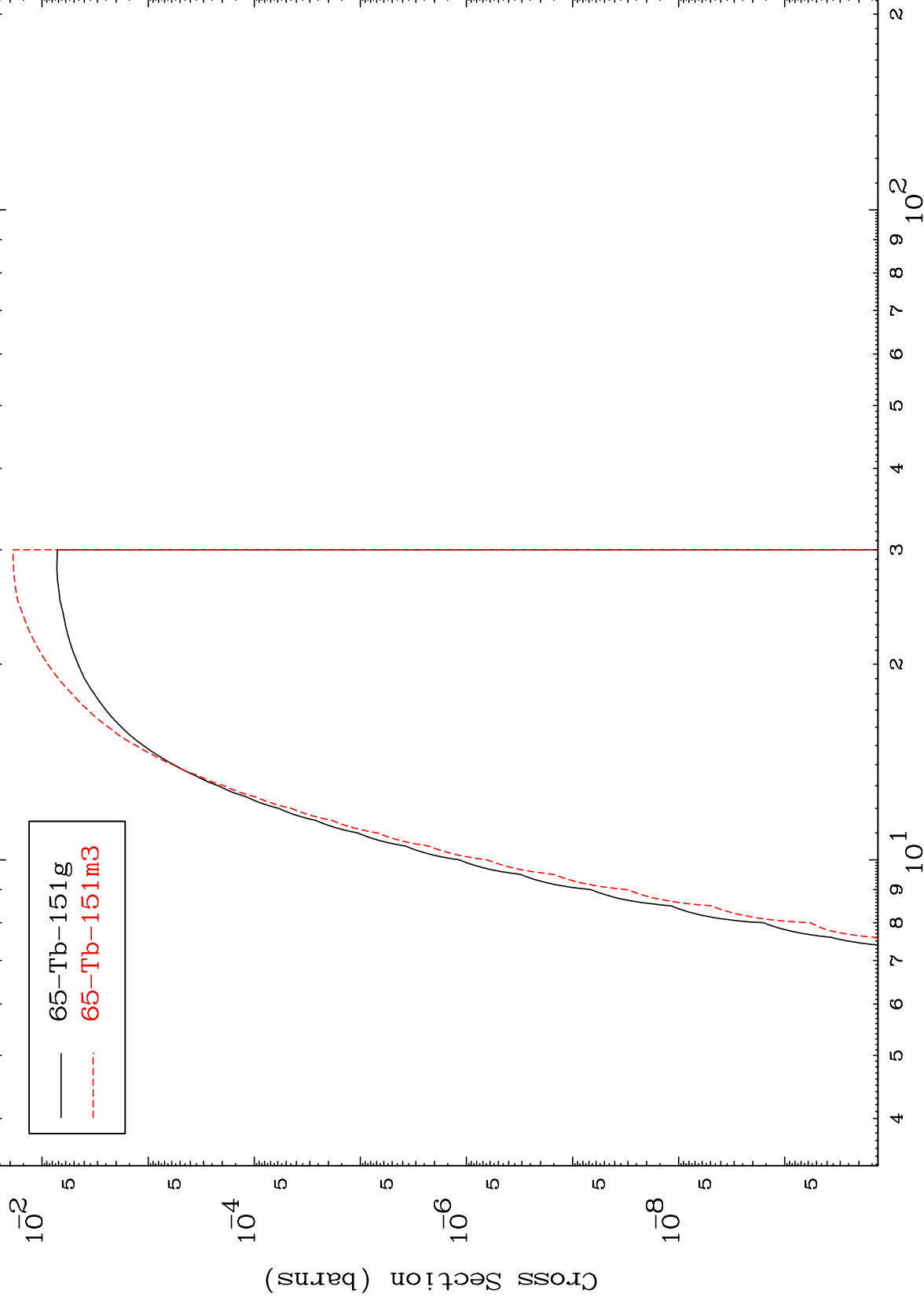
Incident Energy (MeV)

66-Dy-152

MAT 6613

66-Dy-152

(n,d)
Radionuclide Production Cross Section



75

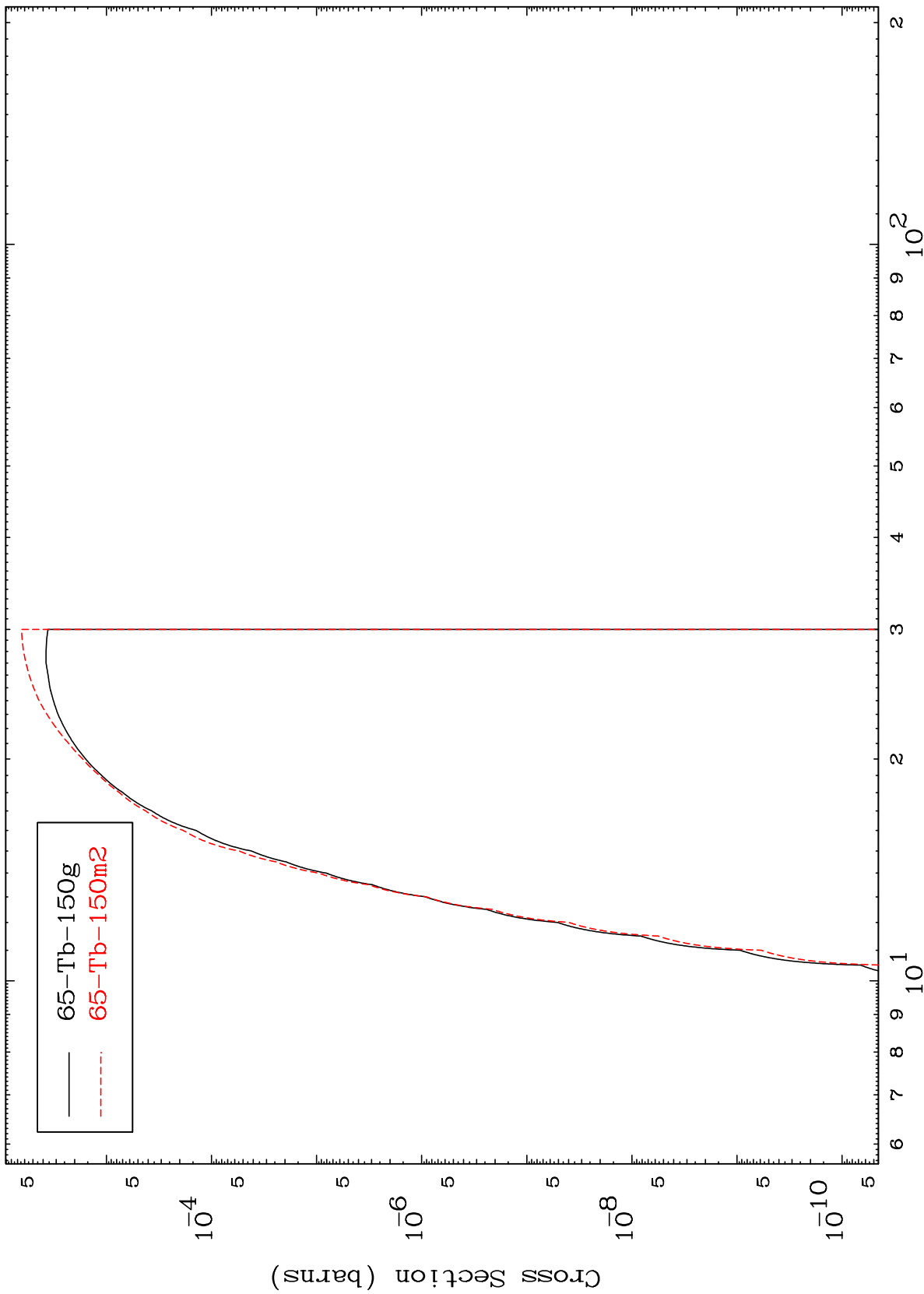
Incident Energy (MeV)

66-Dy-152

MAT 6613

66-Dy-152

(n, t)
Radionuclide Production Cross Section



76

Incident Energy (MeV)

66-Dy-152