

Program EVALPLOT  
(Version 2021-1)

by

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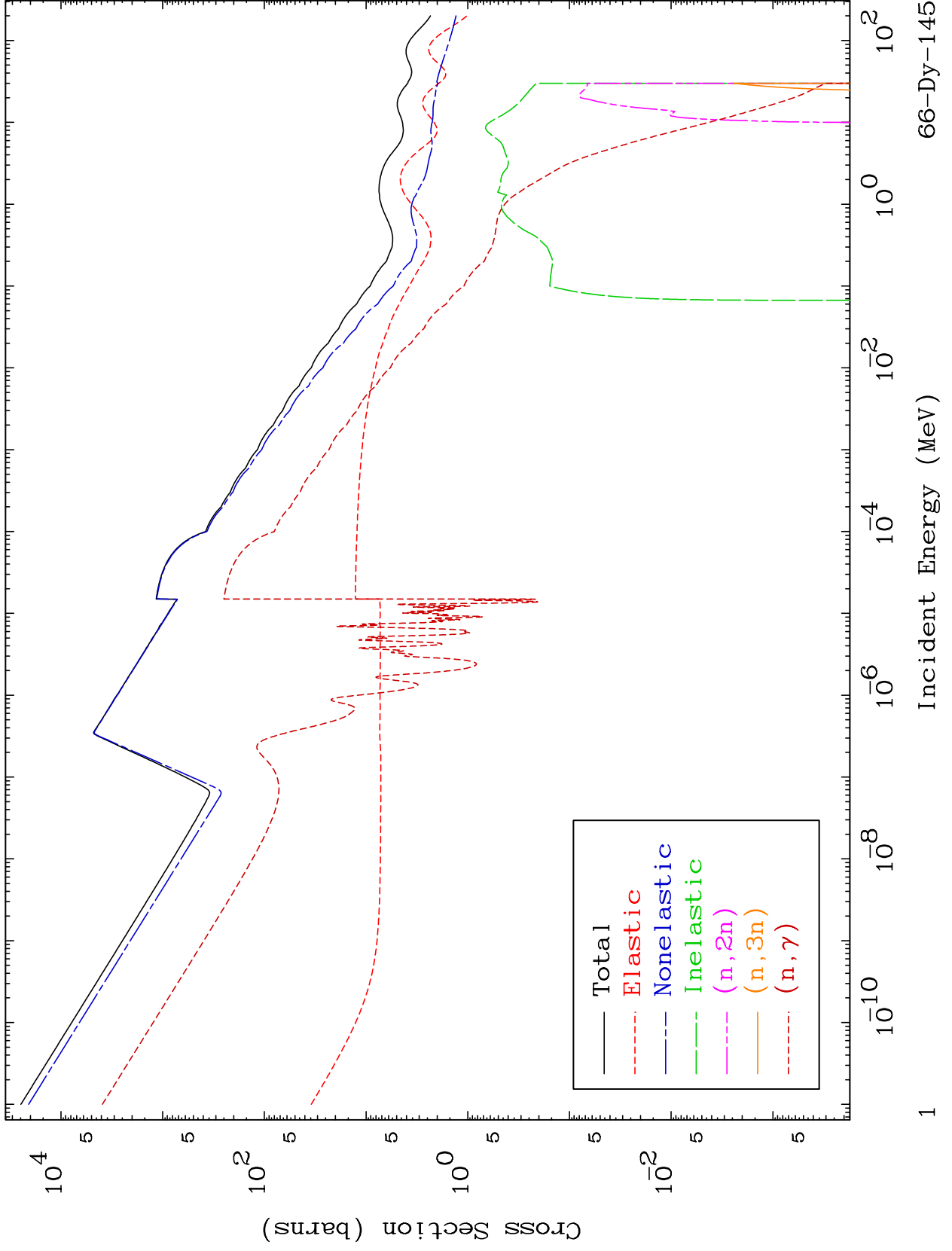
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Press Mouse Button to Start

MAT 6592

Neutron Major  
293 Kelvin Cross Sections

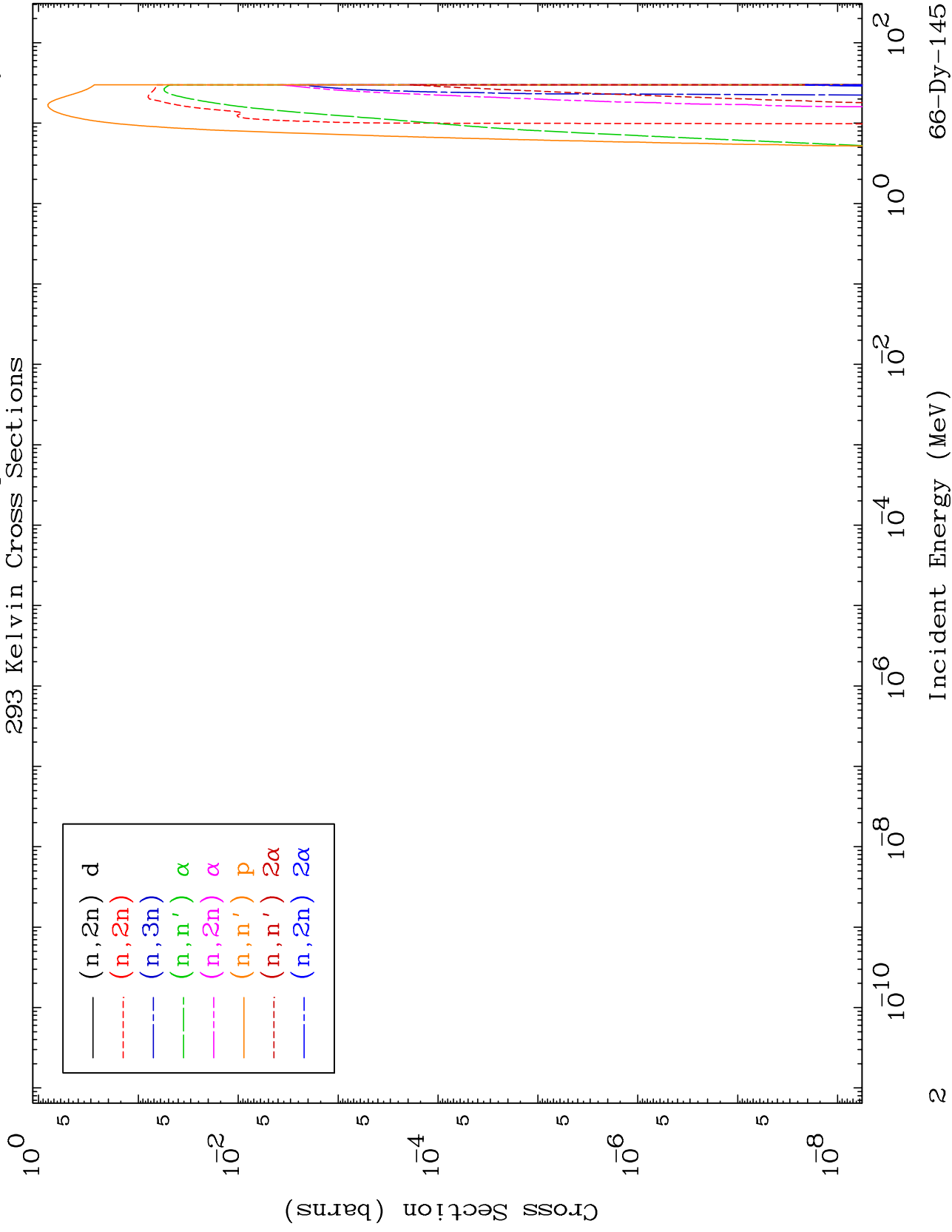
66-Dy-145



MAT 6592

Neutron Absorption  
293 Kelvin Cross Sections

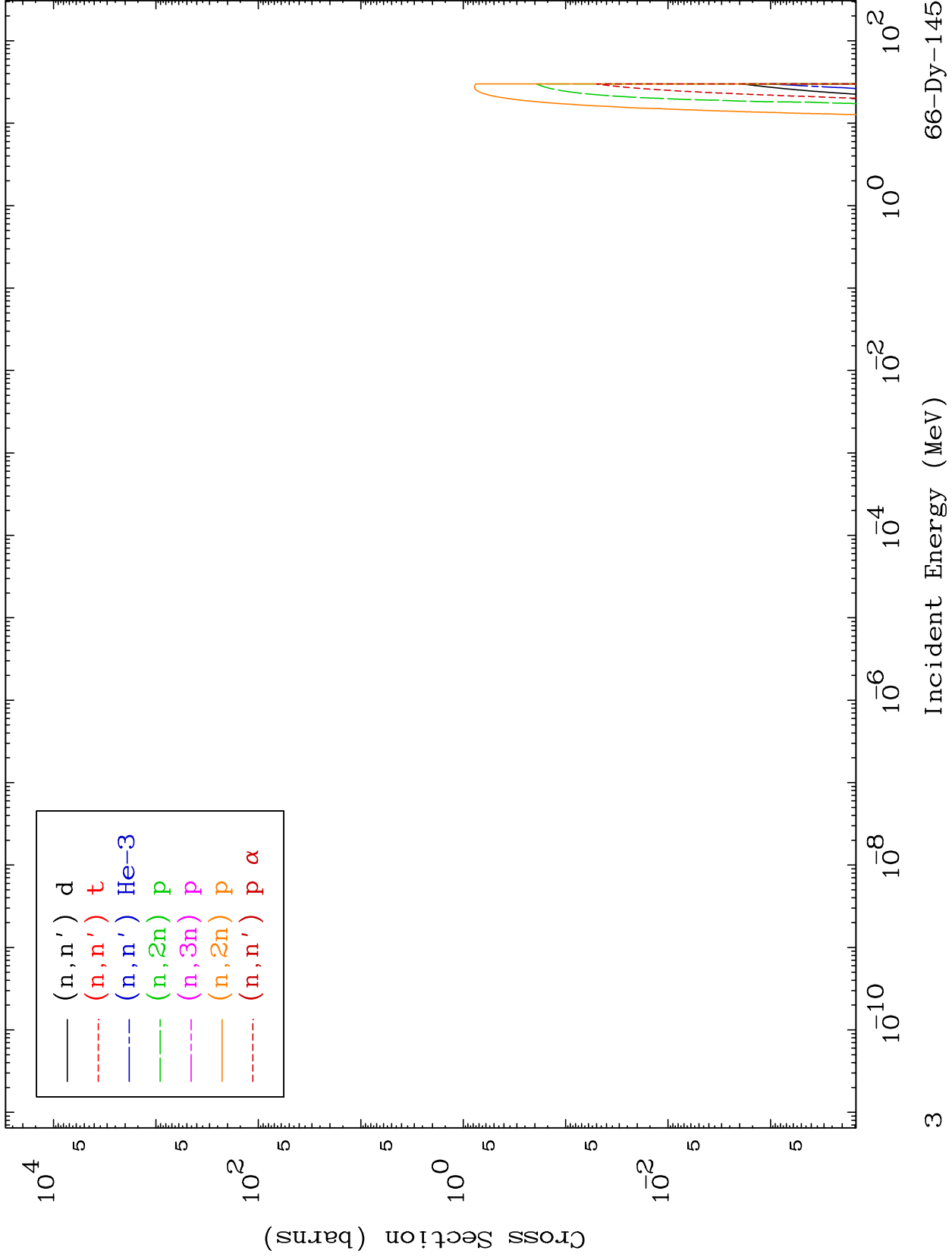
66-Dy-145



MAT 6592

Neutron Absorption  
293 Kelvin Cross Sections

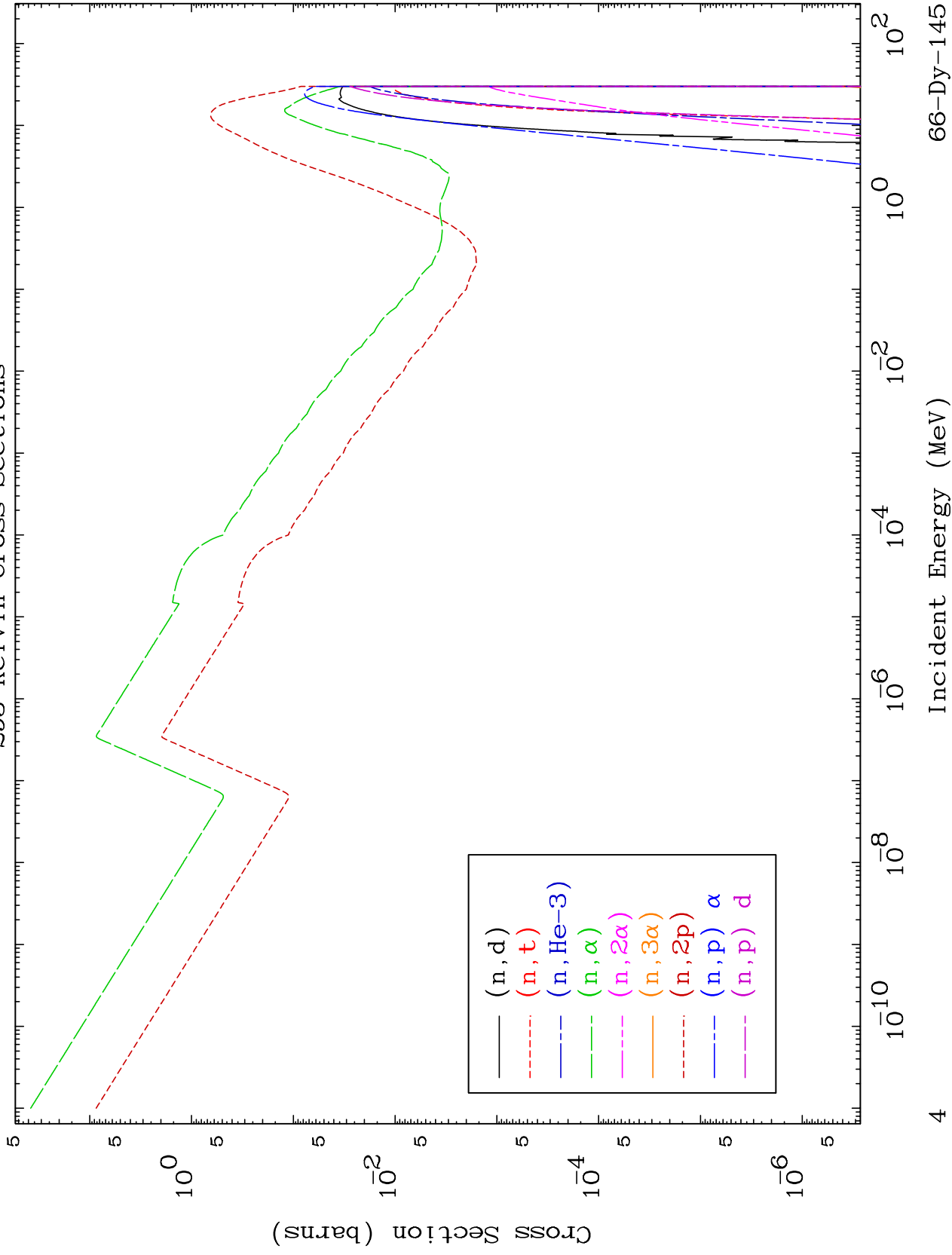
66-Dy-145



MAT 6592

Neutron Absorption  
293 Kelvin Cross Sections

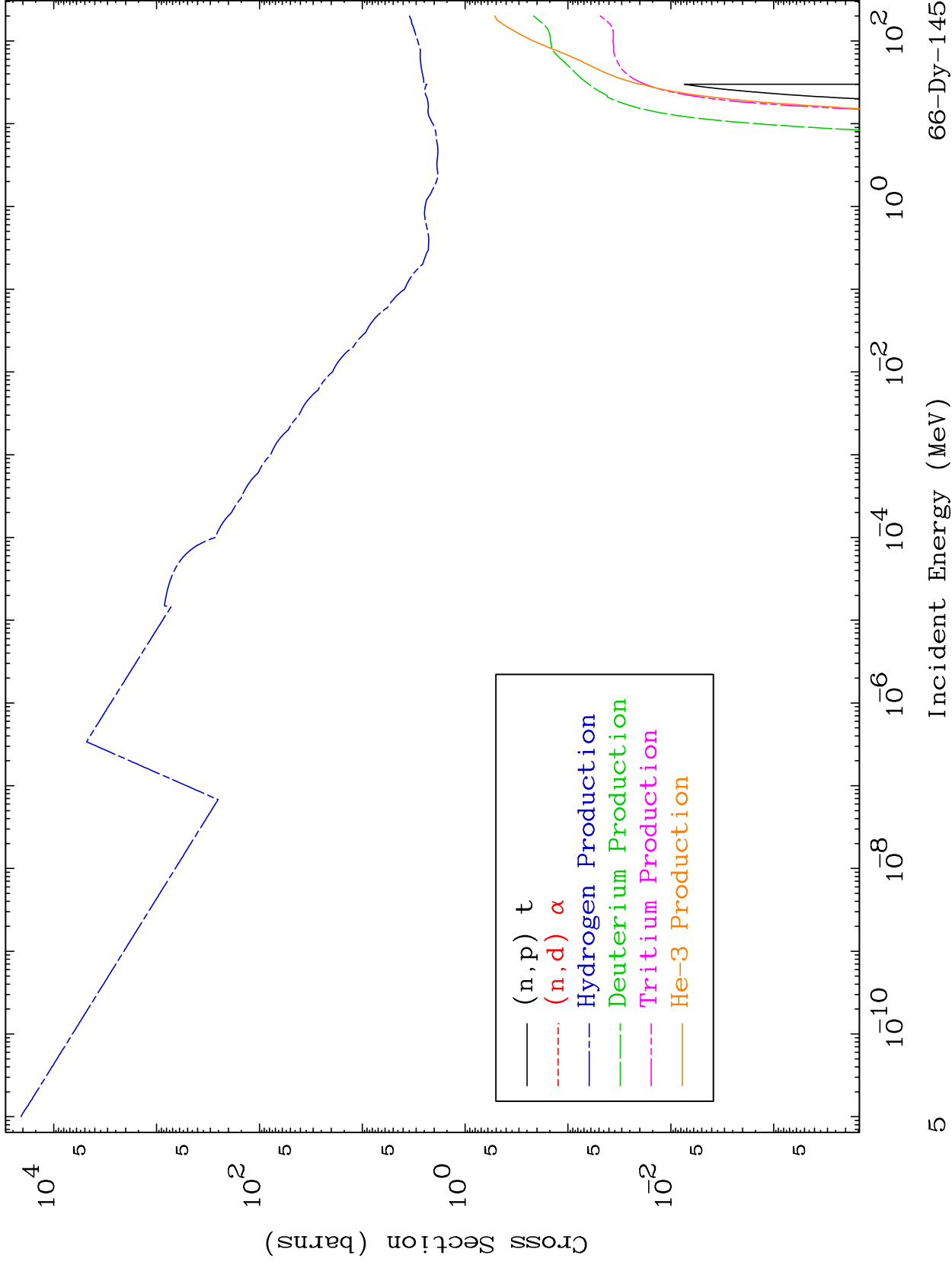
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MAT 6592

Neutron Absorption  
293 Kelvin Cross Sections

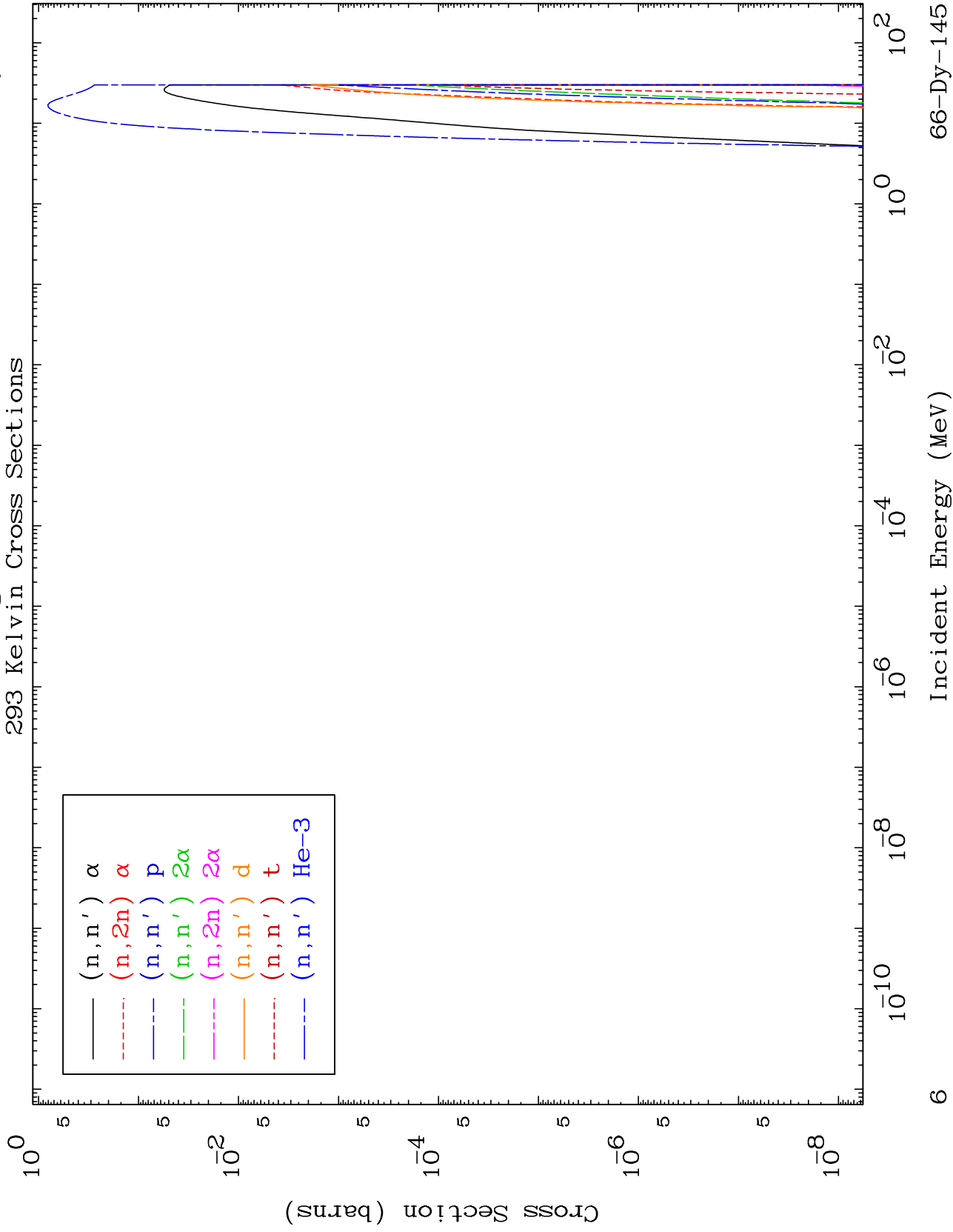
66-Dy-145



MAT 6592

Charged Particle  
293 Kelvin Cross Sections

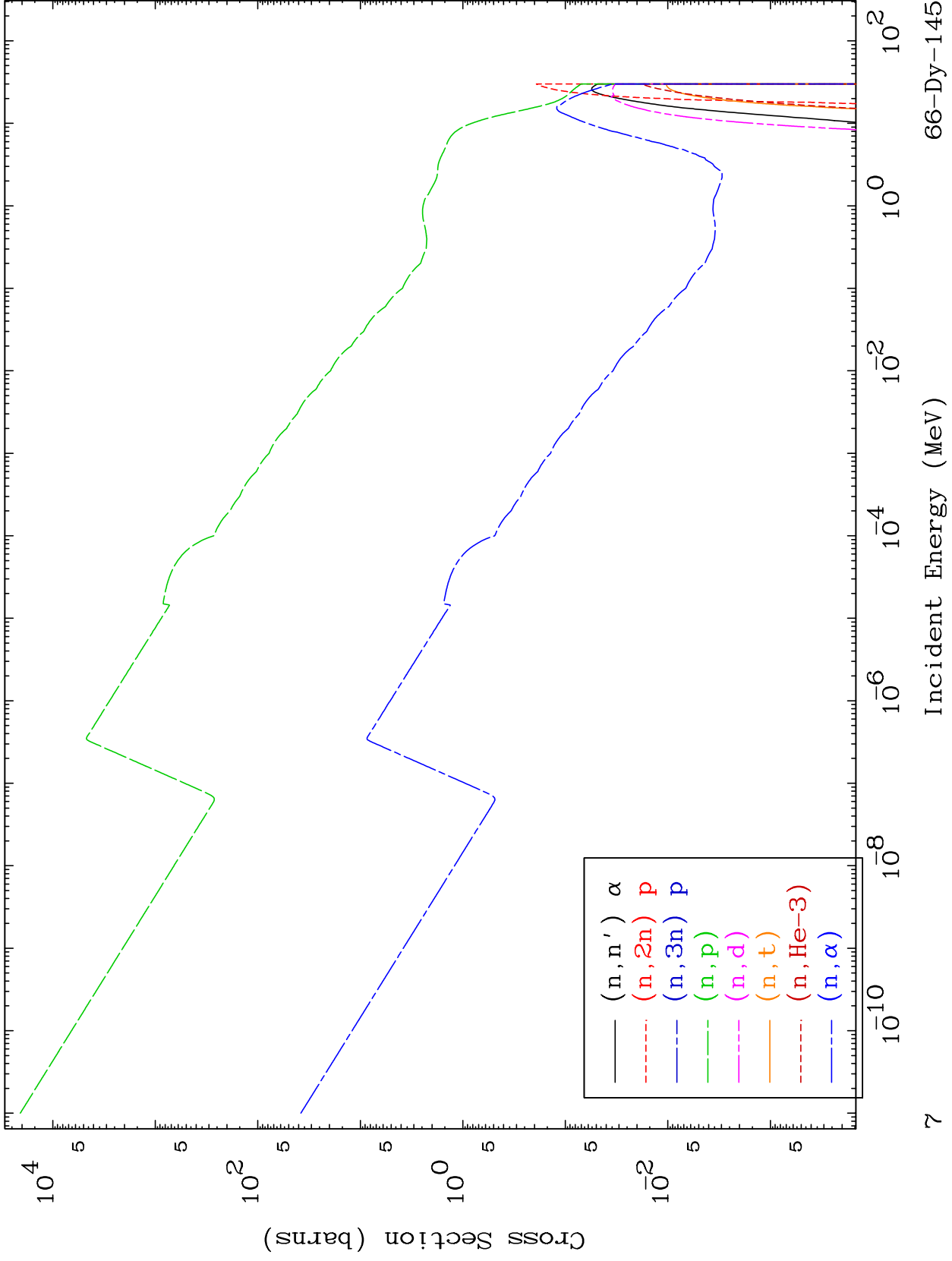
66-Dy-145



MAT 6592

Charged Particle  
293 Kelvin Cross Sections

66-Dy-145

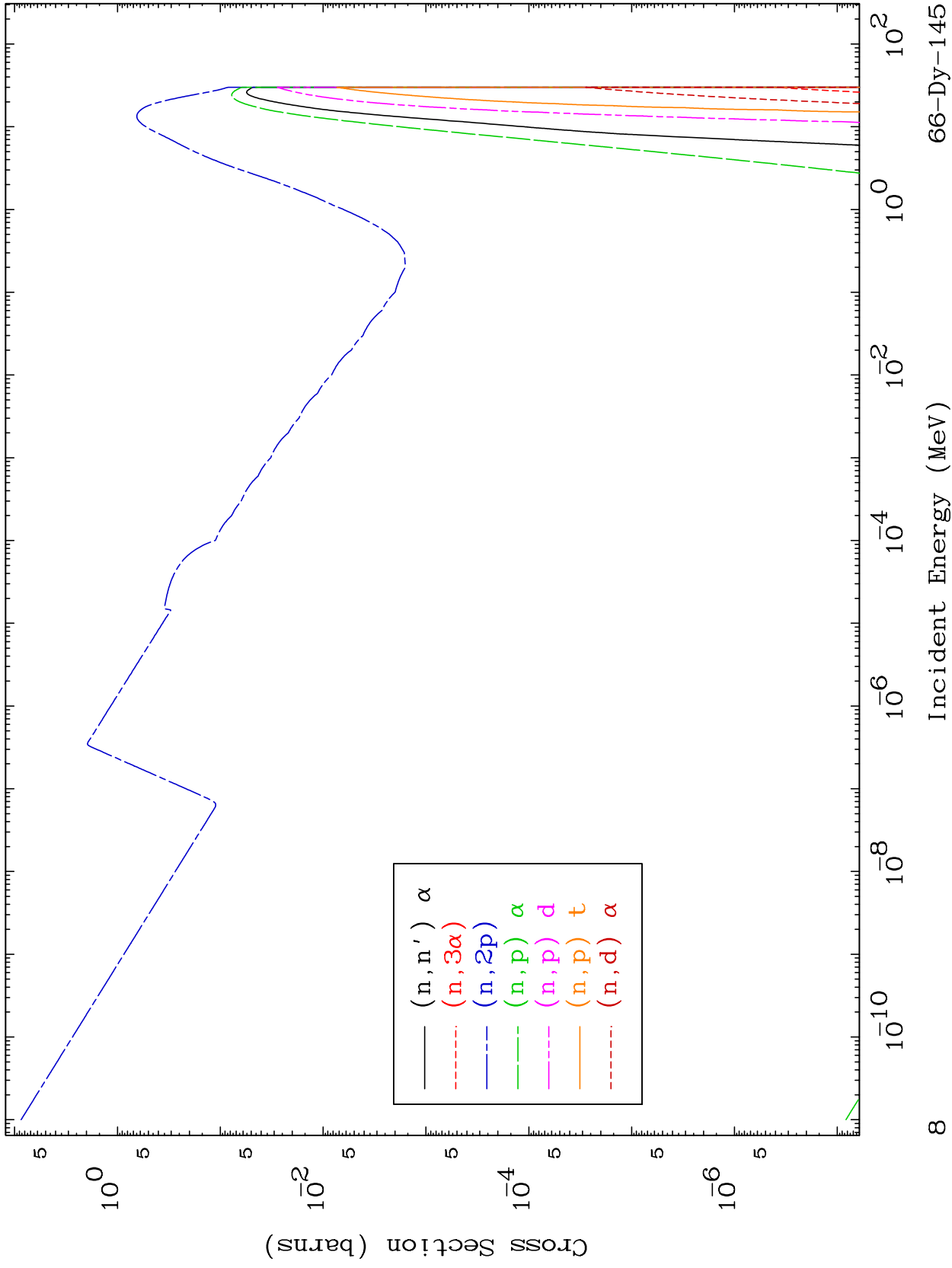


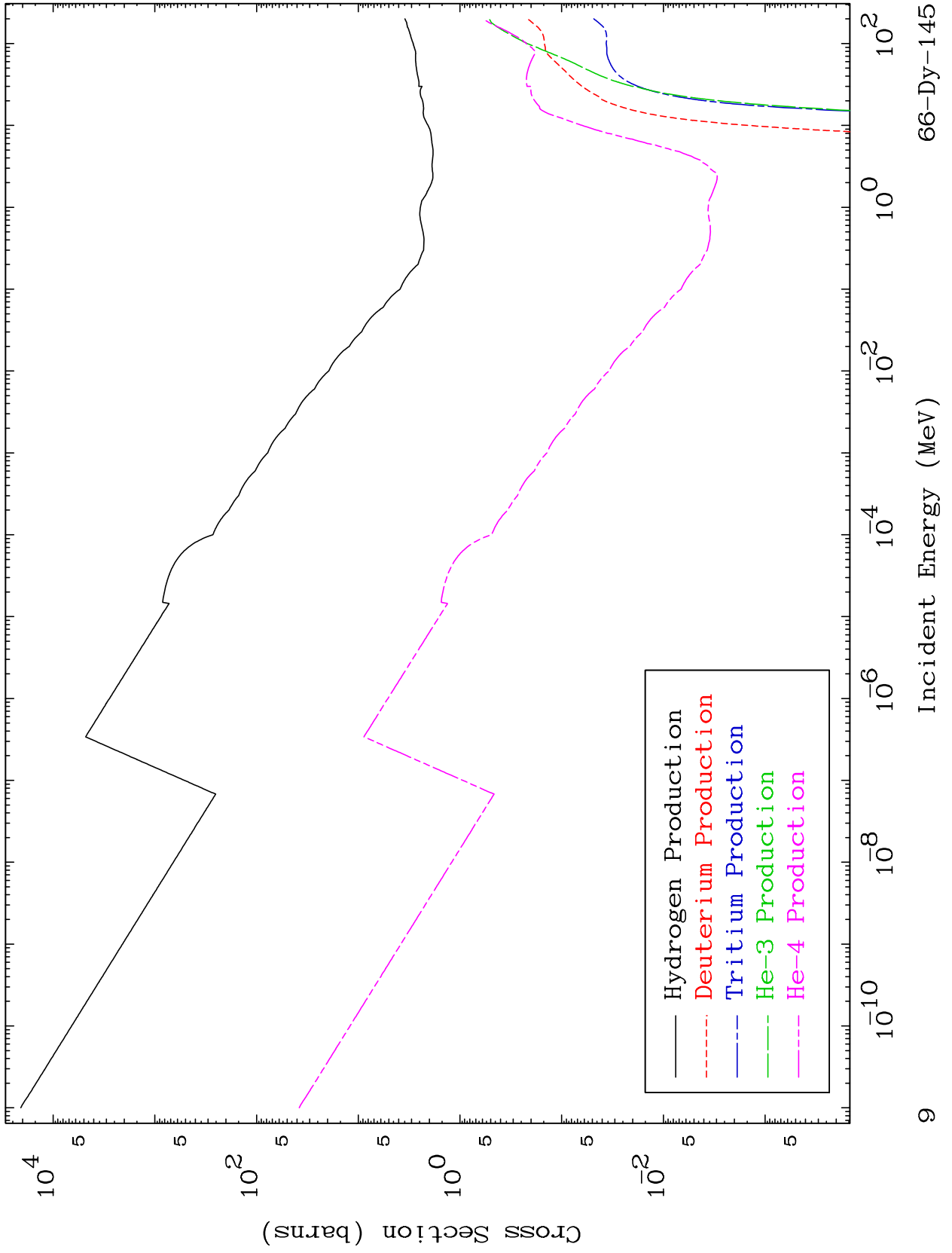


MAT 6592

Charged Particle  
293 Kelvin Cross Sections

66-Dy-145

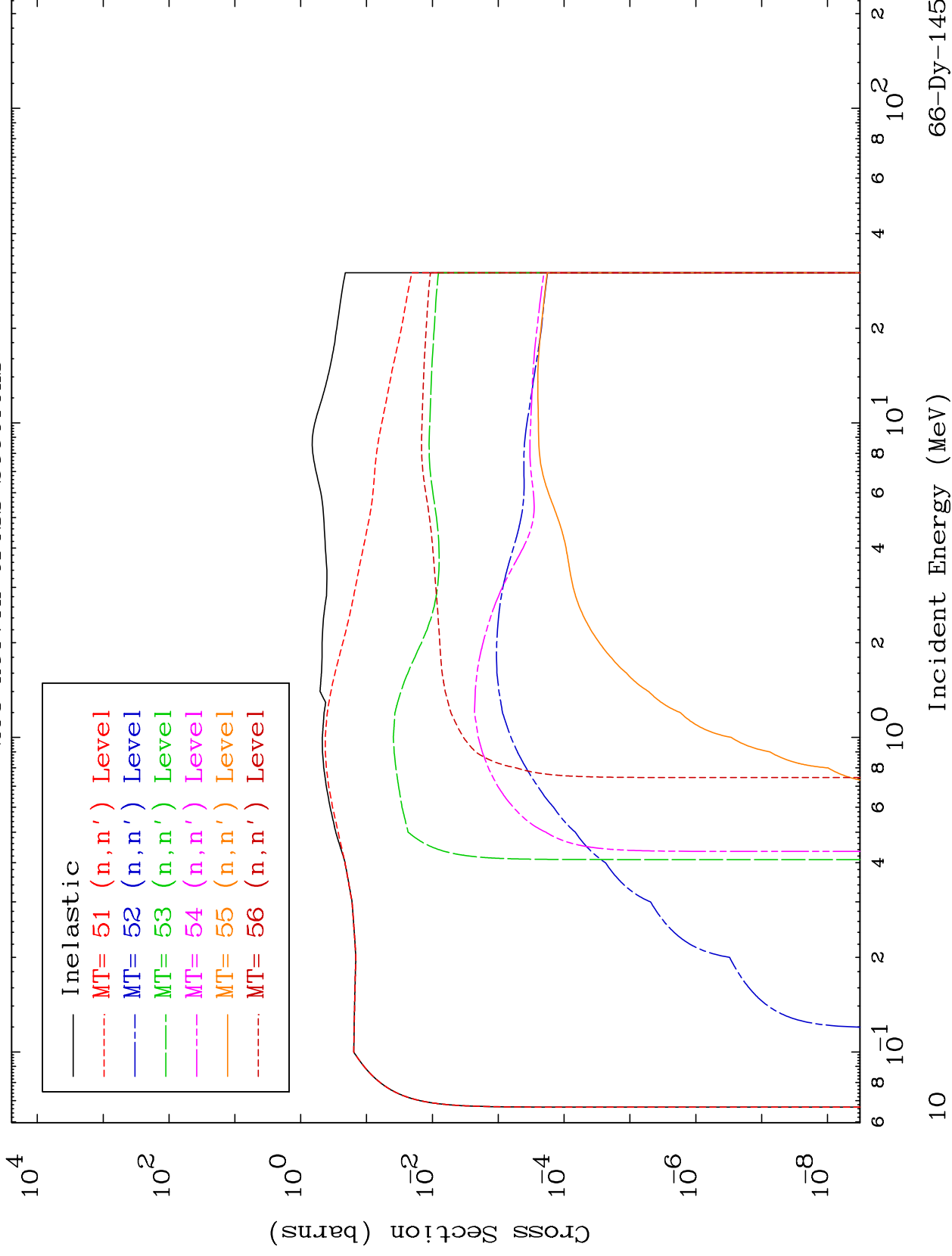




MAT 6592

(n,n') Levels  
293 Kelvin Cross Sections

66-Dy-145



10

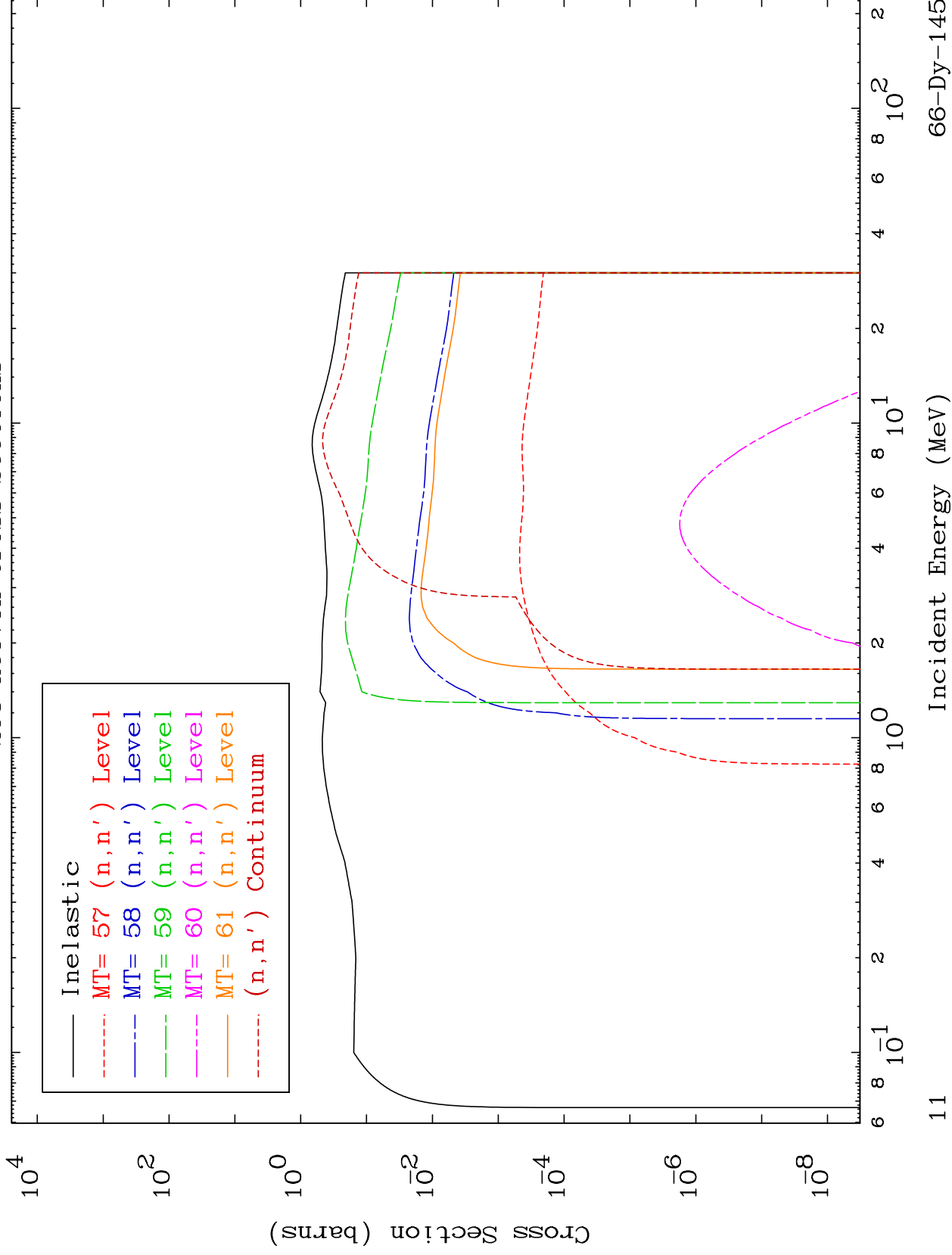
Incident Energy (MeV)

66-Dy-145

MAT 6592

(n,n') Levels  
293 Kelvin Cross Sections

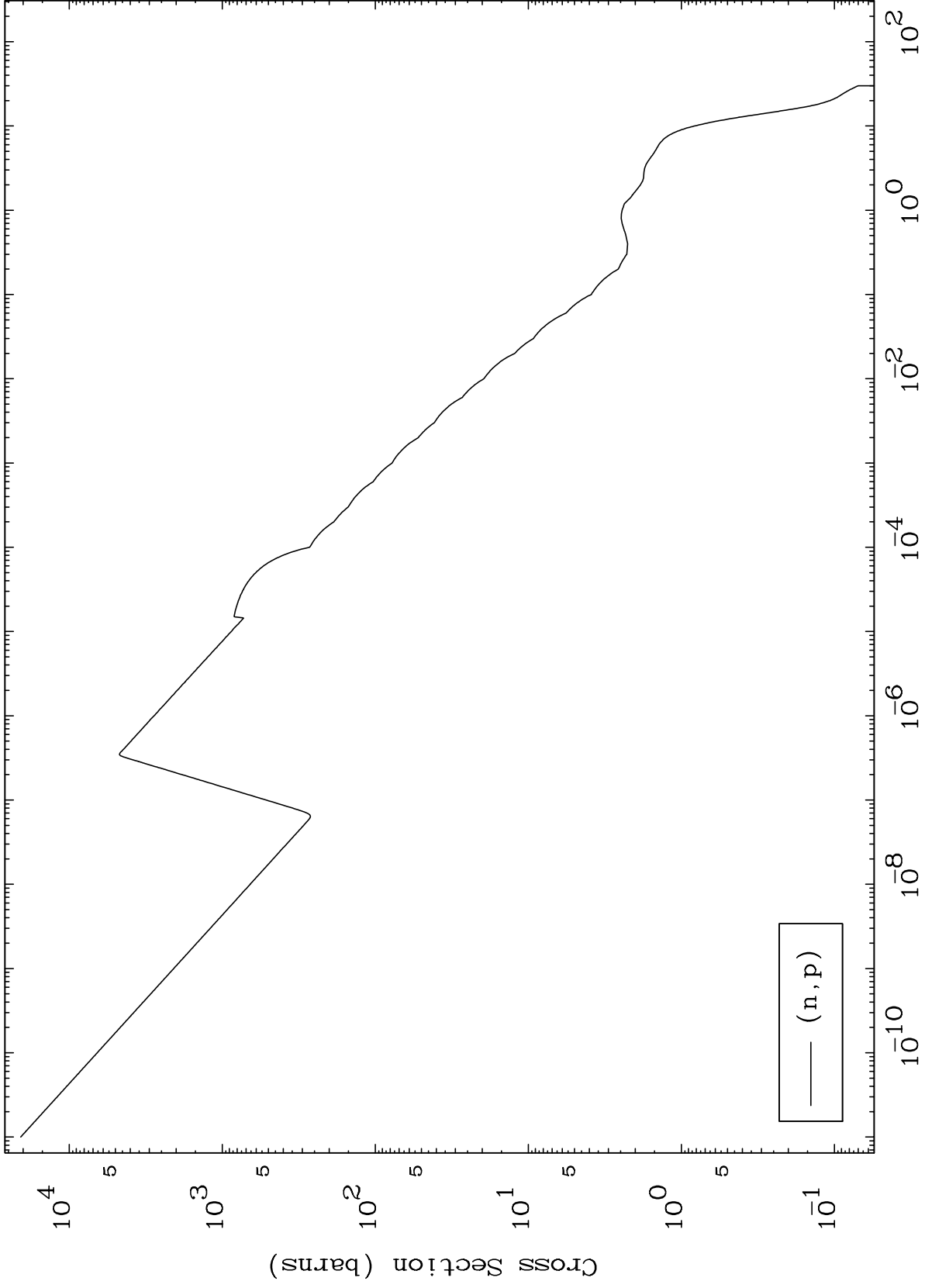
66-Dy-145



MAT 6592

(n,p) Levels  
293 Kelvin Cross Sections

66-Dy-145



12

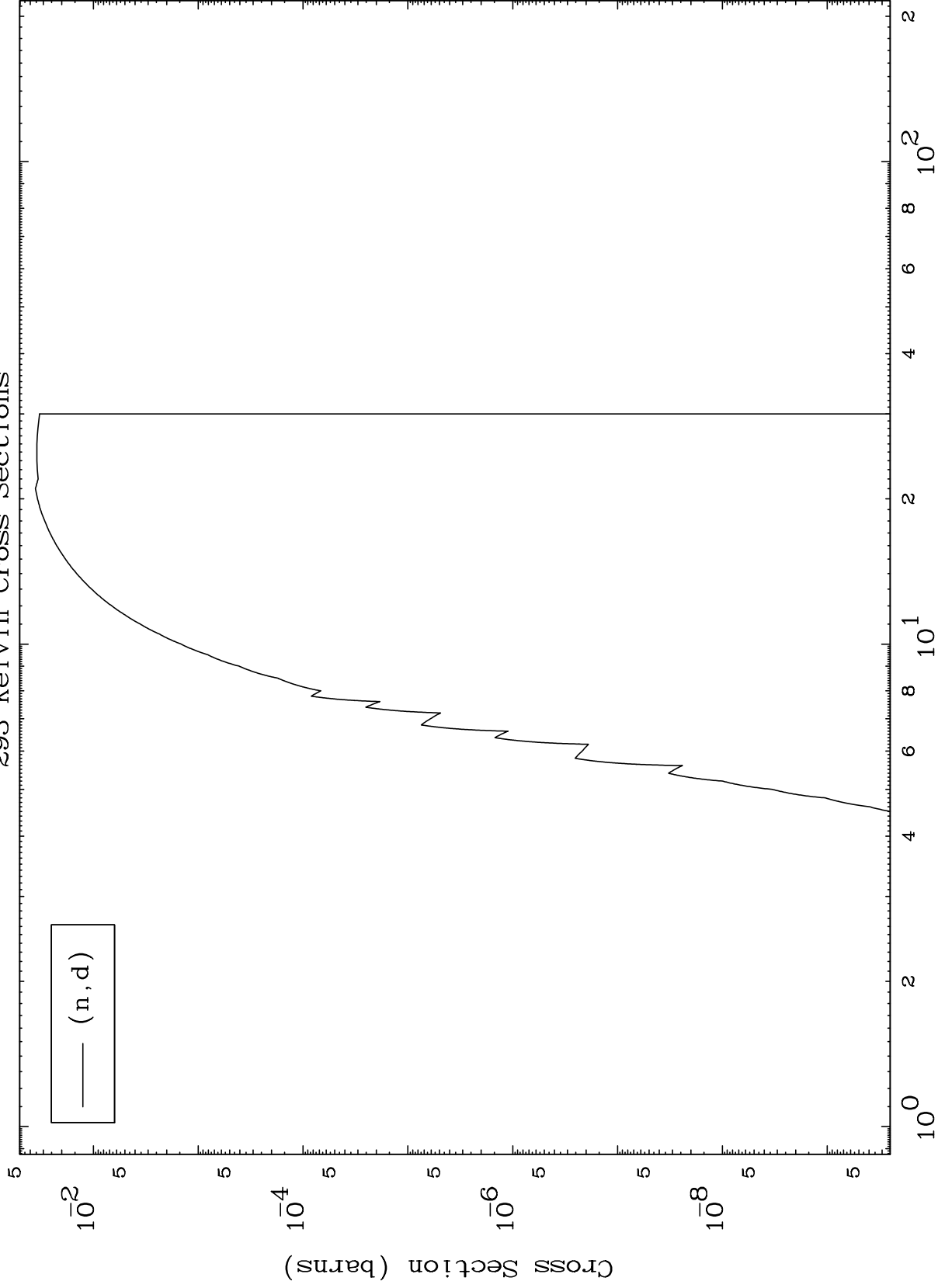
Incident Energy (MeV)

66-Dy-145

MAT 6592

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-145



13

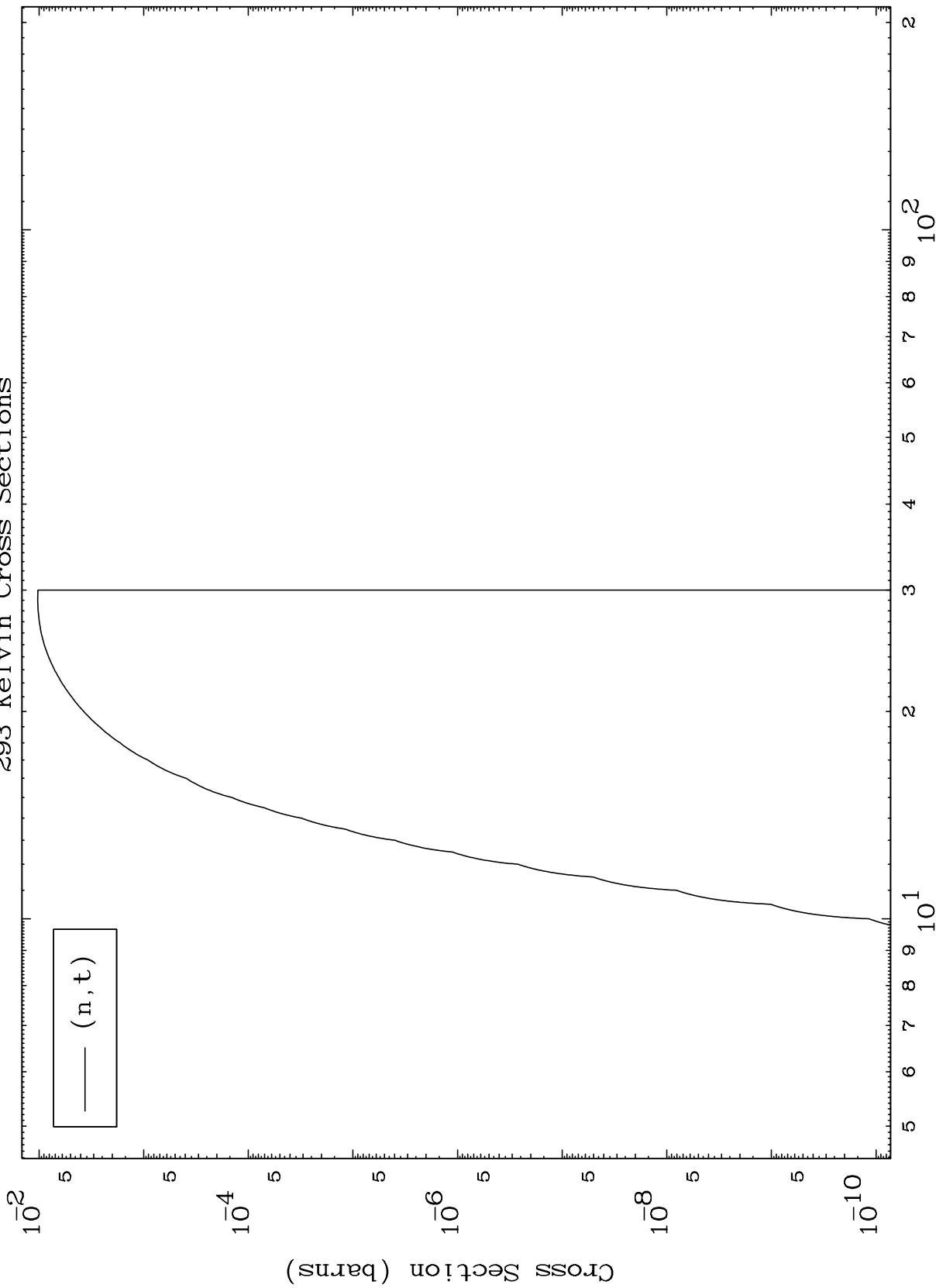
Incident Energy (MeV)

66-Dy-145

MAT 6592

(n,t) Levels  
293 Kelvin Cross Sections

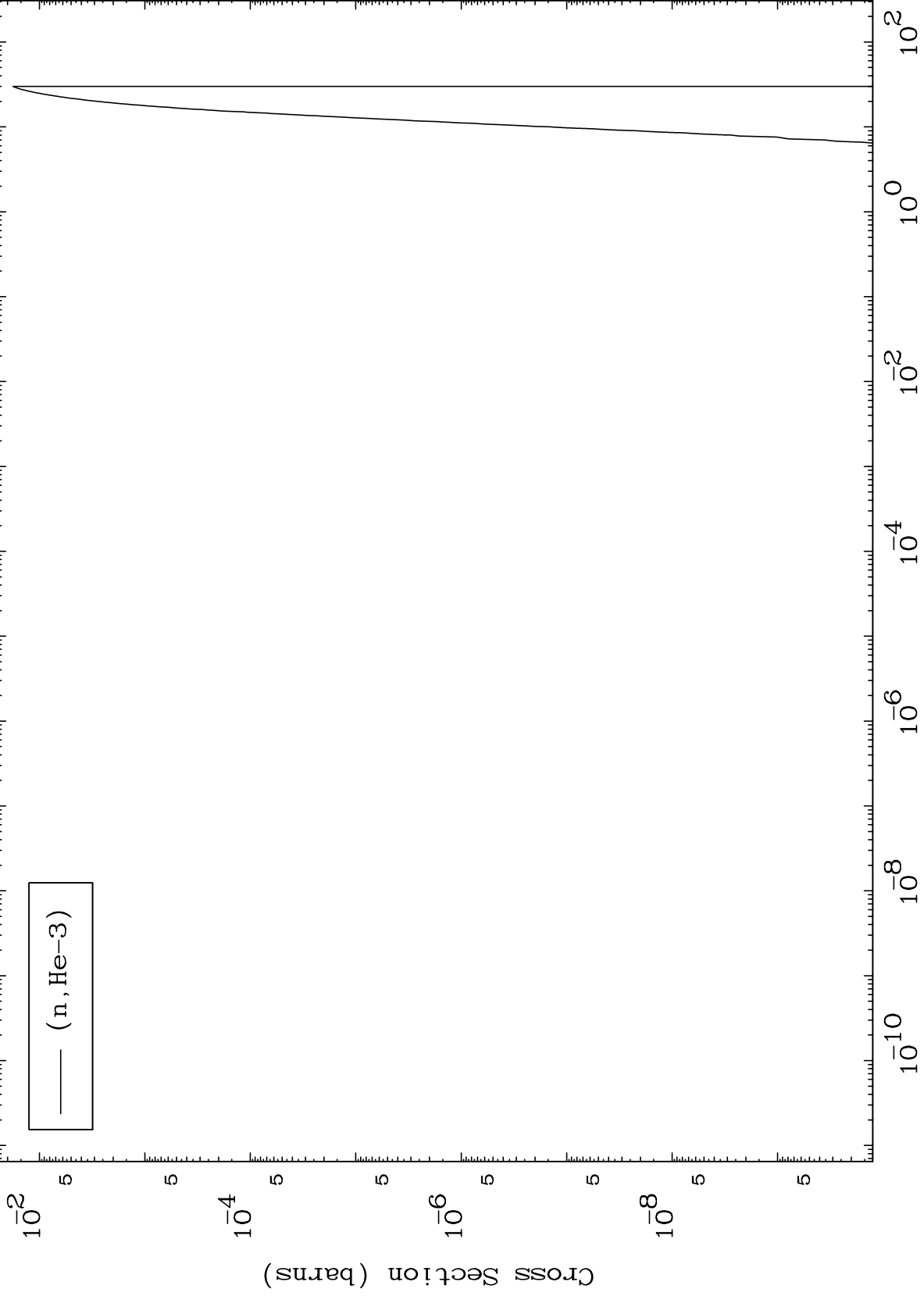
66-Dy-145



MAT 6592

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-145



15

Incident Energy (MeV)

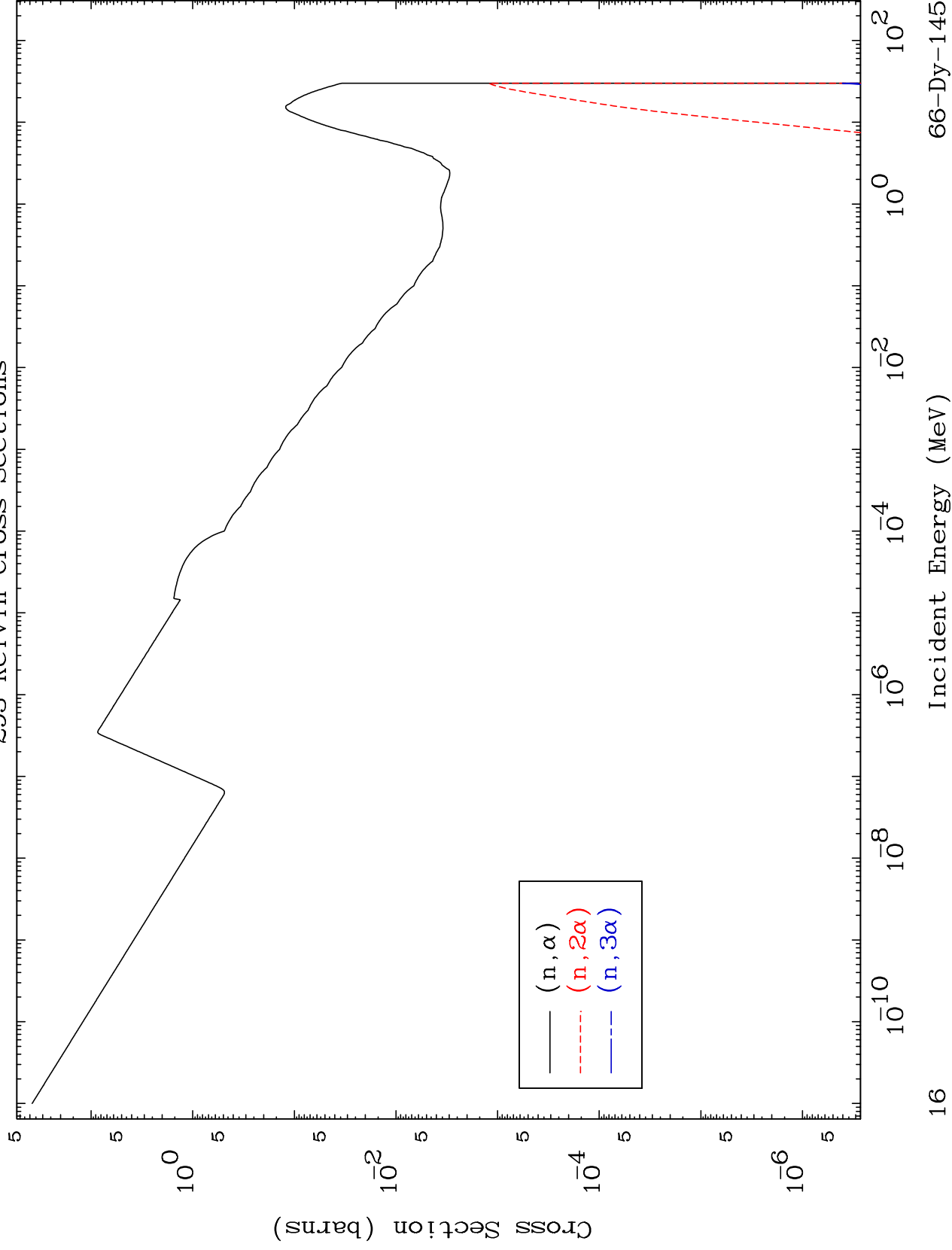
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MAT 6592

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

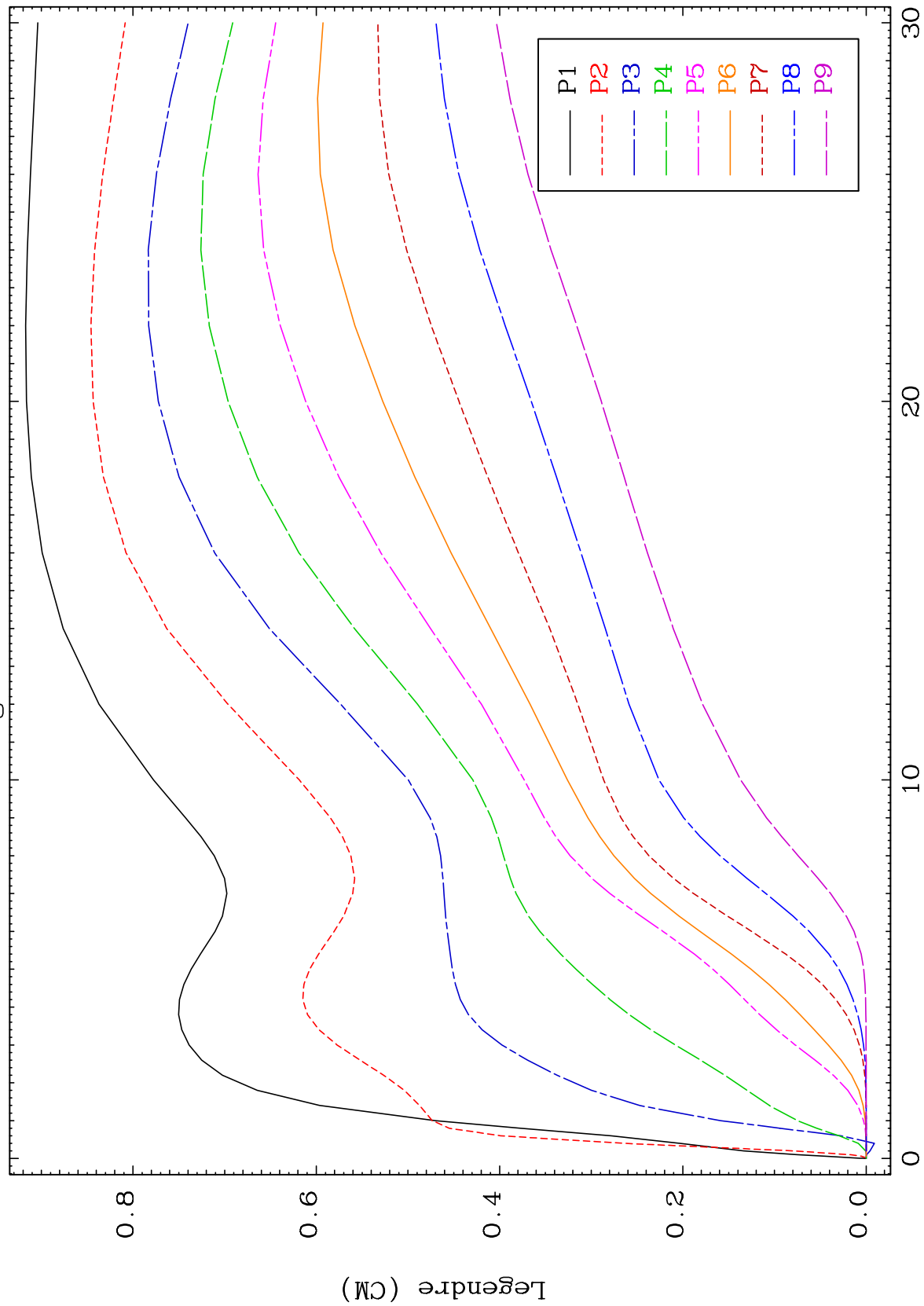
66-Dy-145



MAT 6592

Elastic Legendre Coefficients

66-Dy-145



17

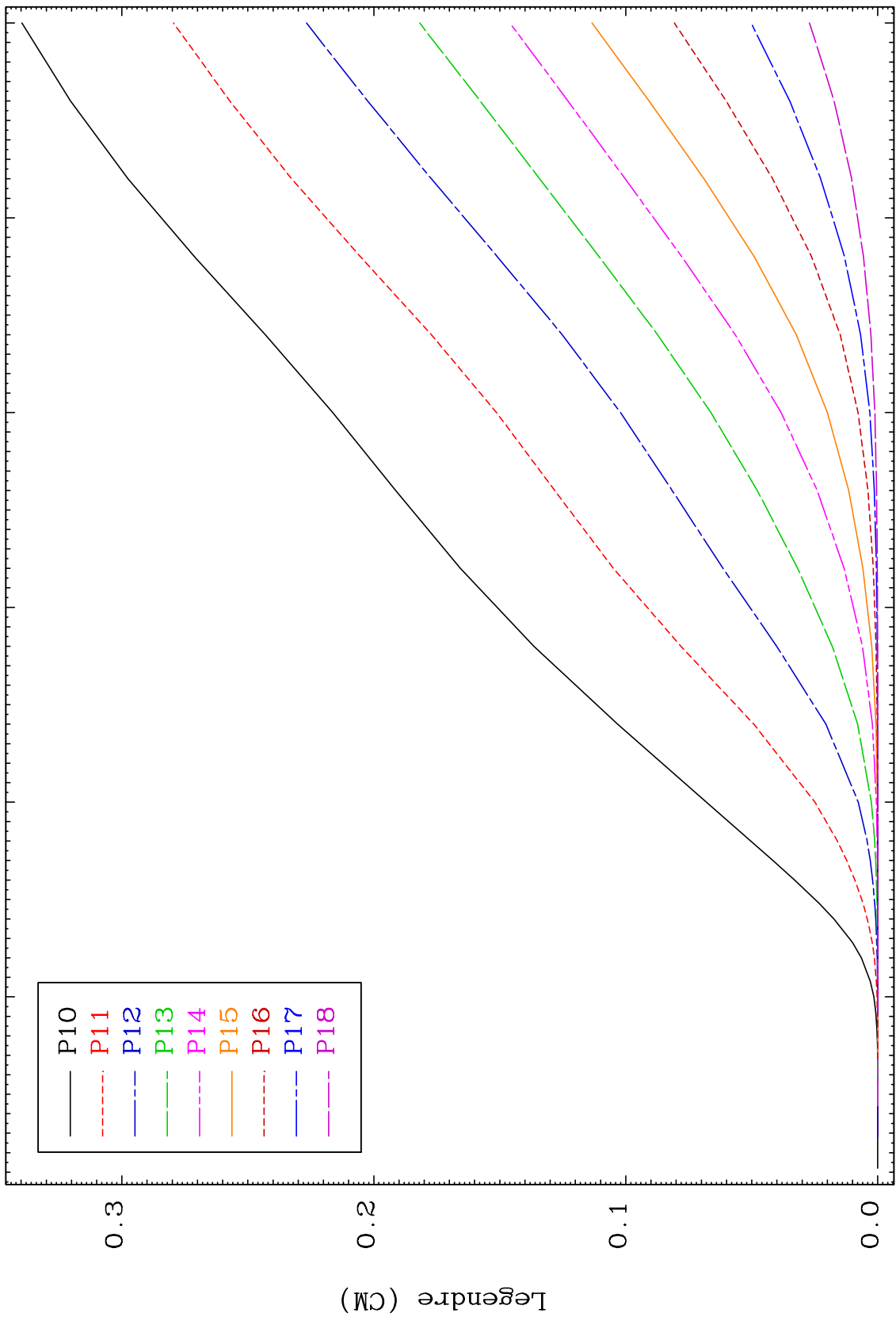
Incident Energy (MeV)

66-Dy-145

MAT 6592

Elastic Legendre Coefficients

66-Dy-145



18

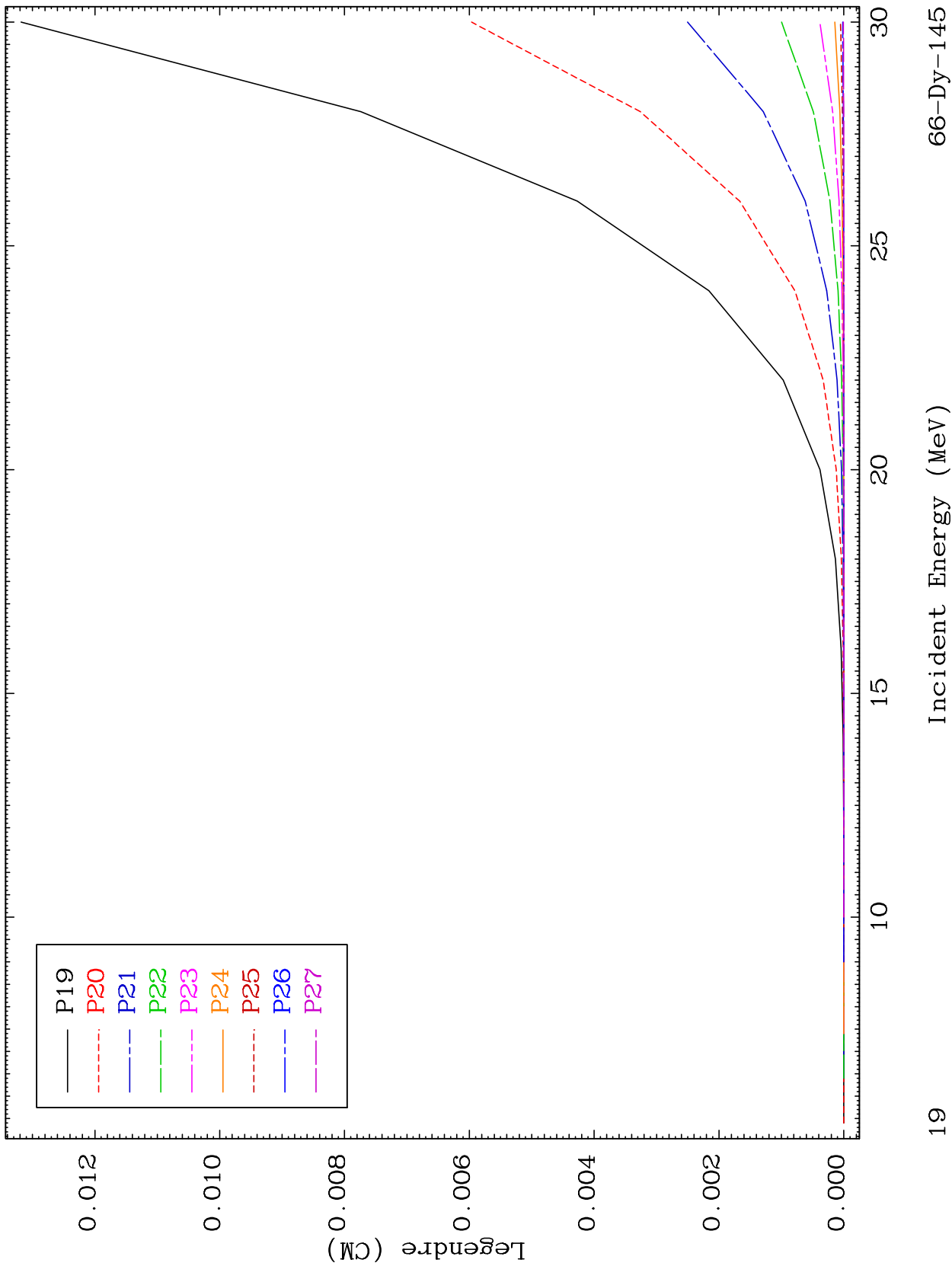
Incident Energy (MeV)

66-Dy-145

MAT 6592

### Elastic Legendre Coefficients

66-Dy-145



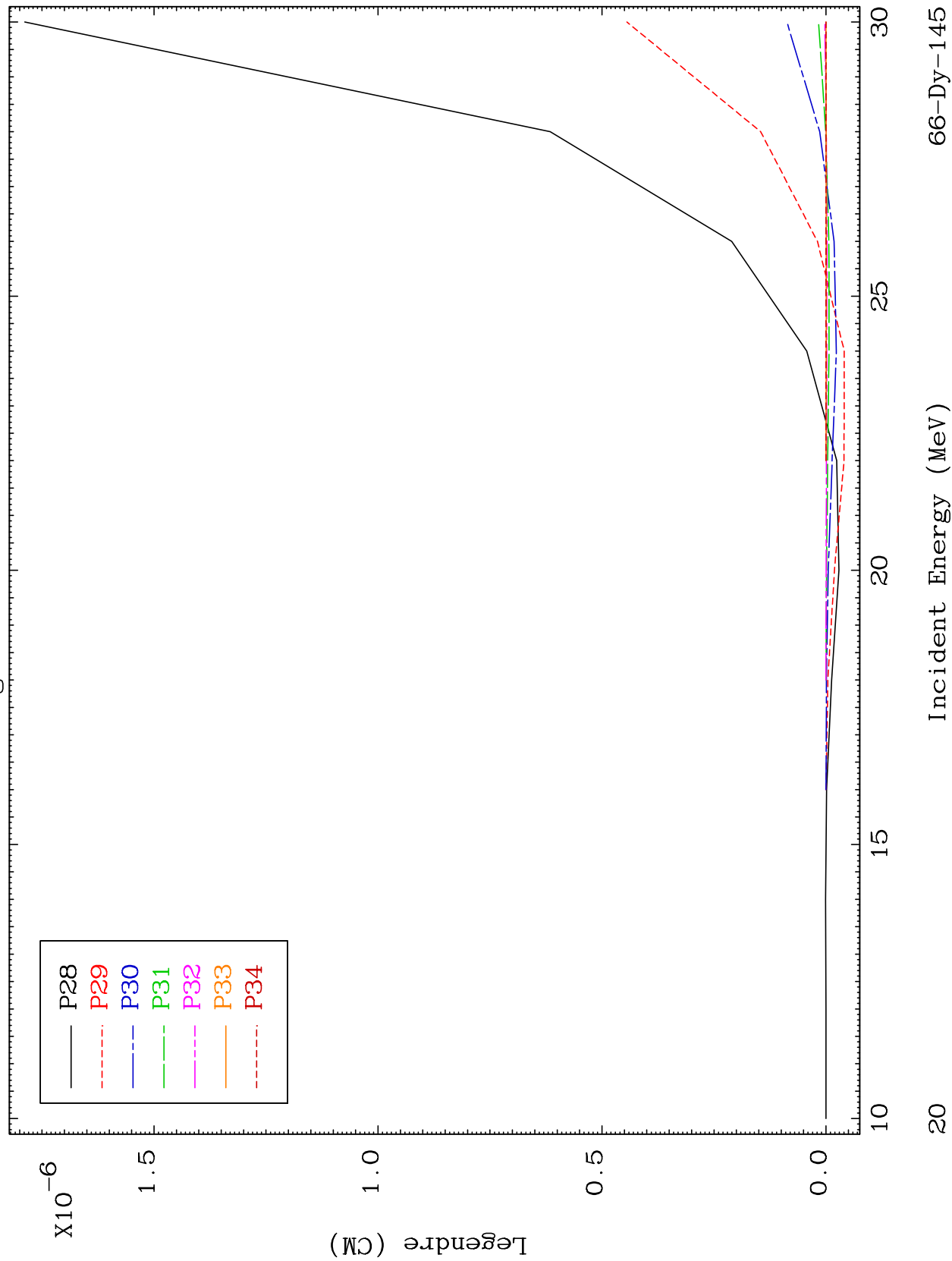
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66-Dy-145

MAT 6592

Elastic Legendre Coefficients

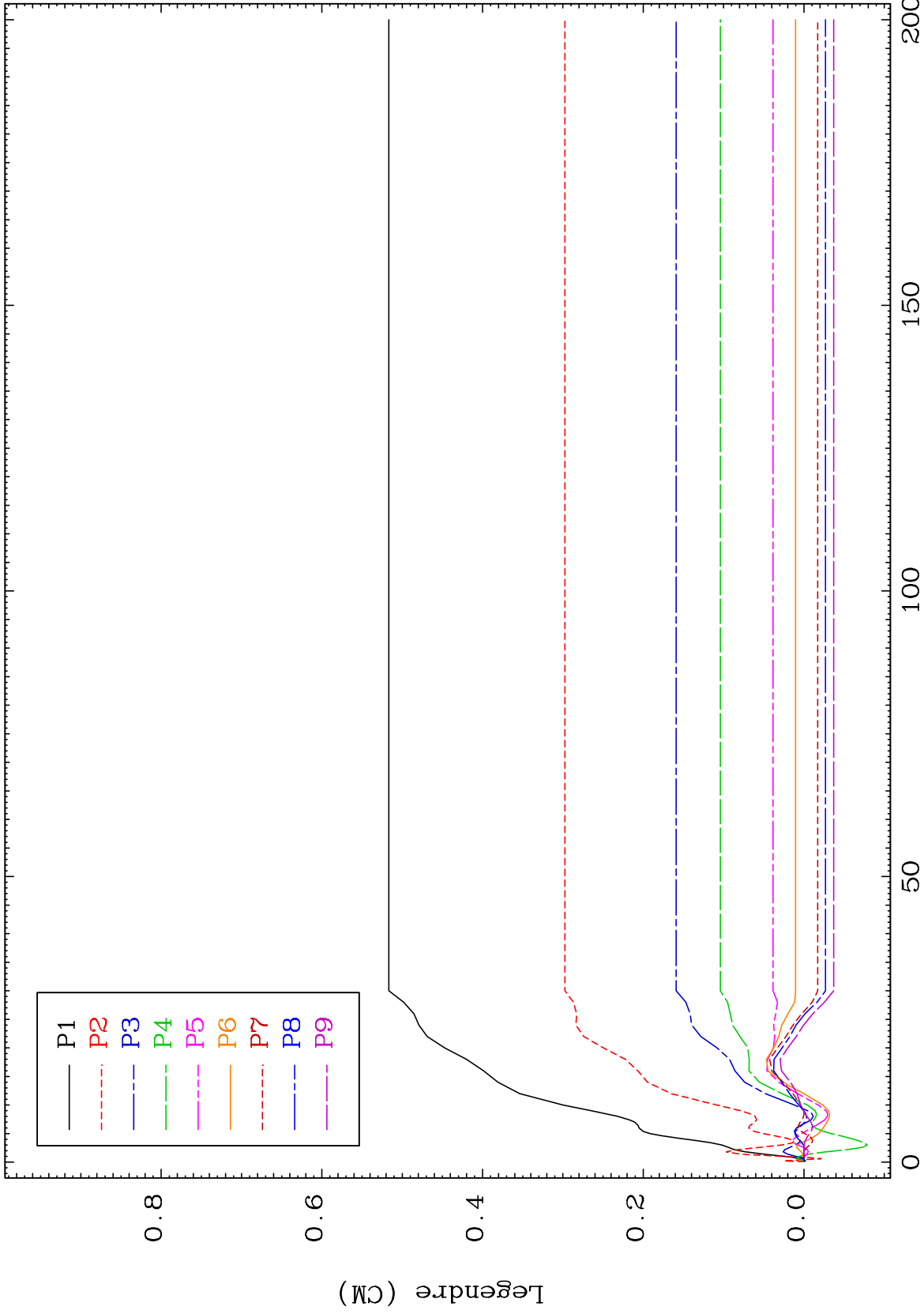
66-Dy-145



MAT 6592

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

66-Dy-145



21

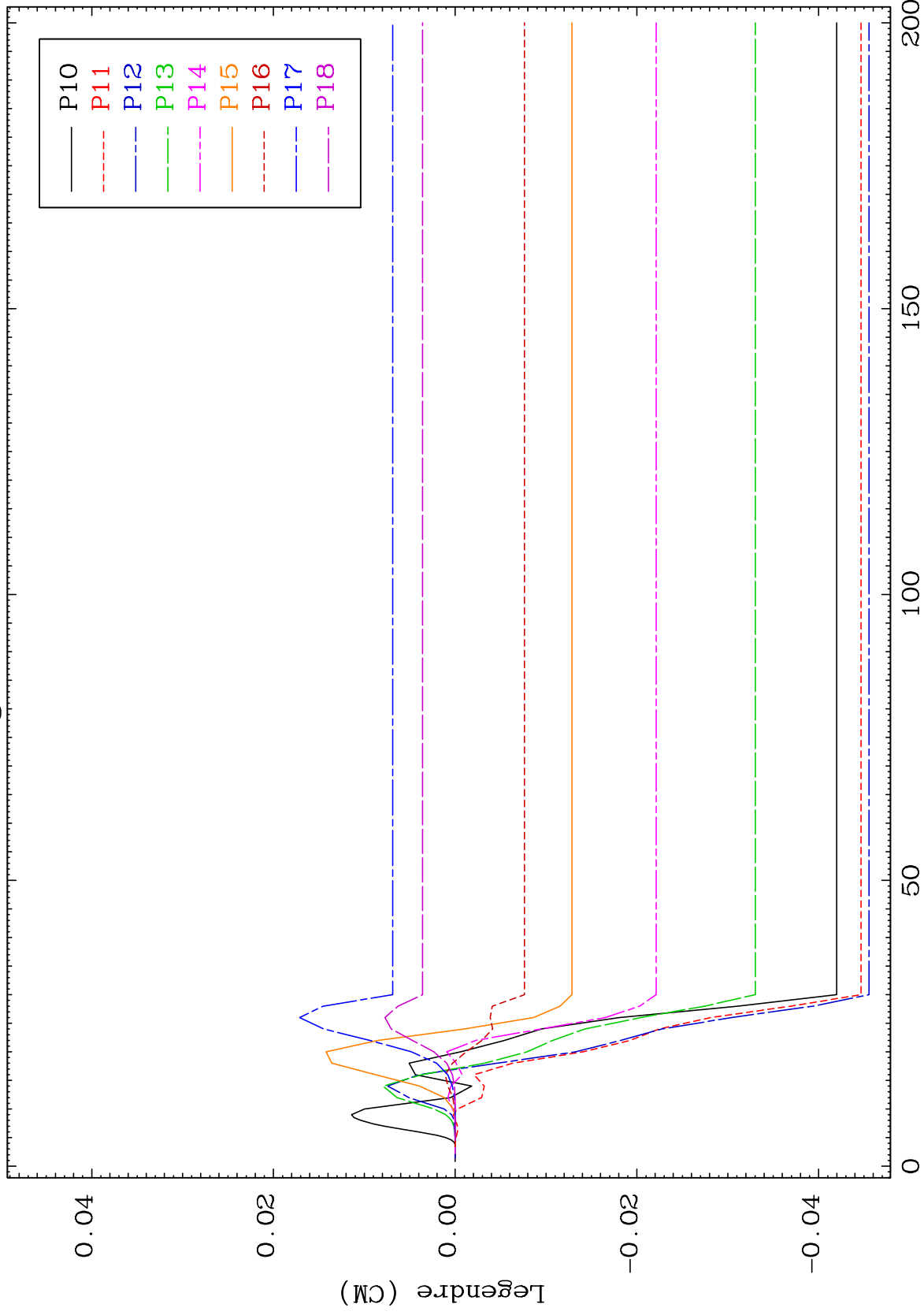
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



22

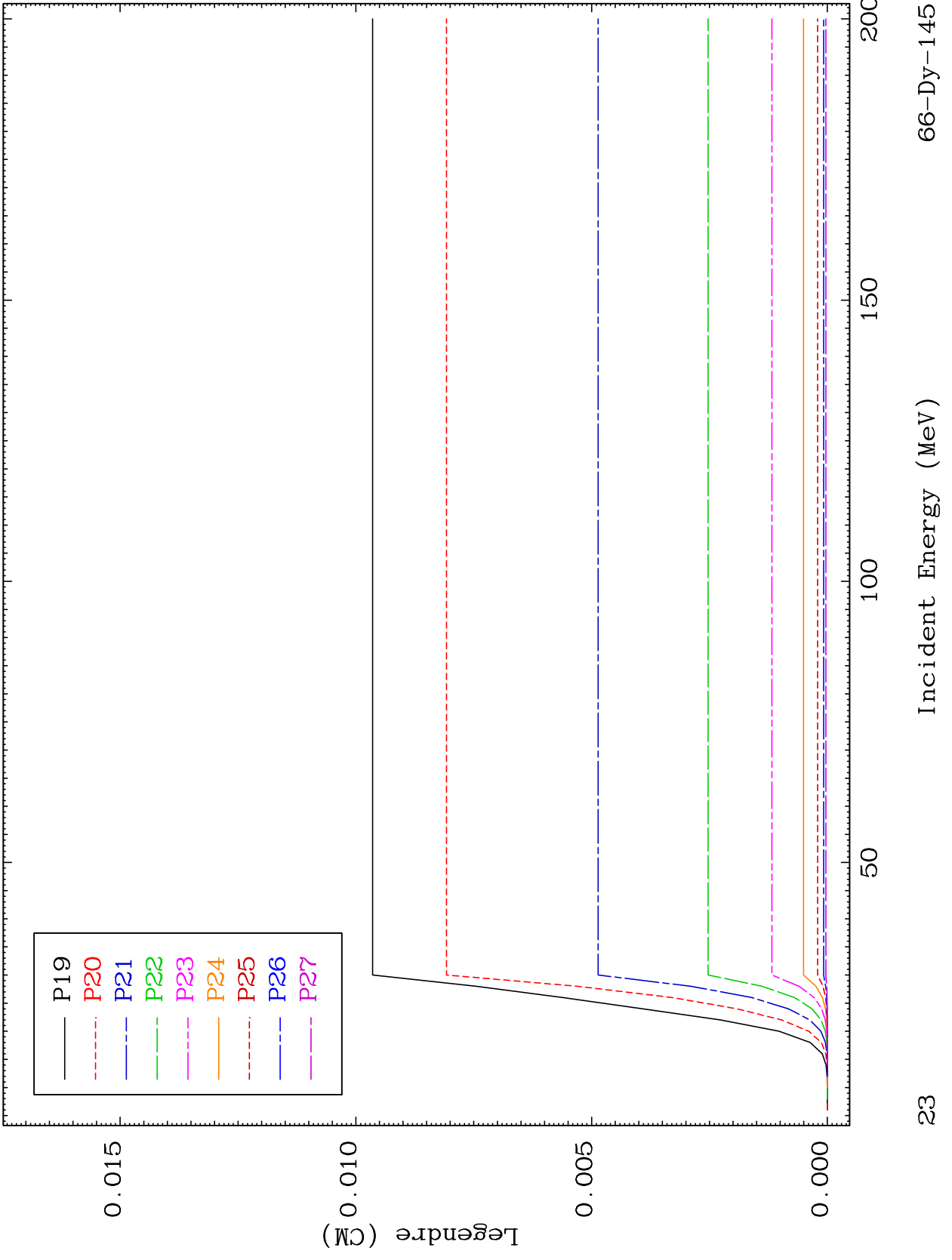
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



23

Incident Energy (MeV)

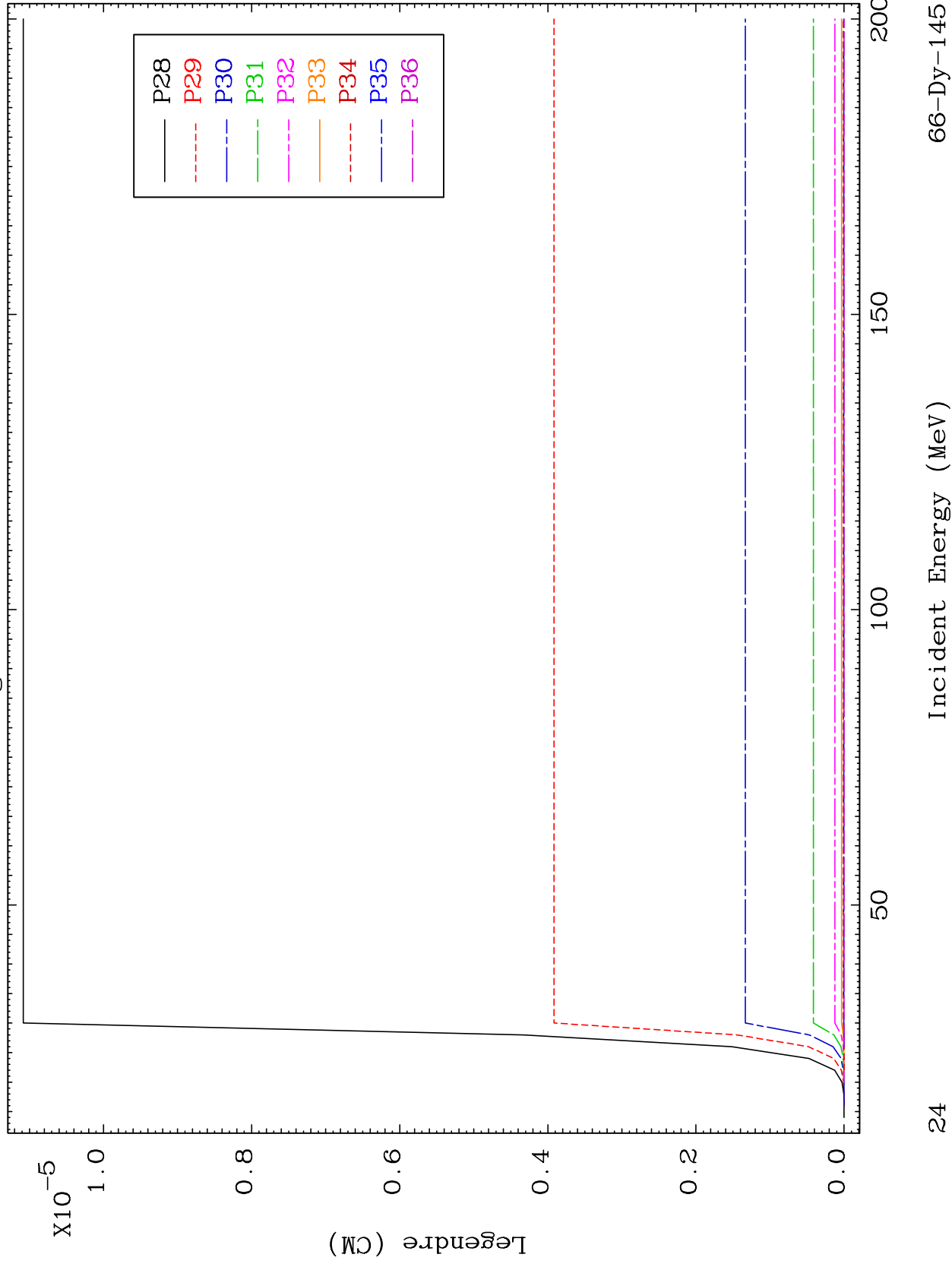
66-Dy-145



MAT 6592

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

66-Dy-145



24

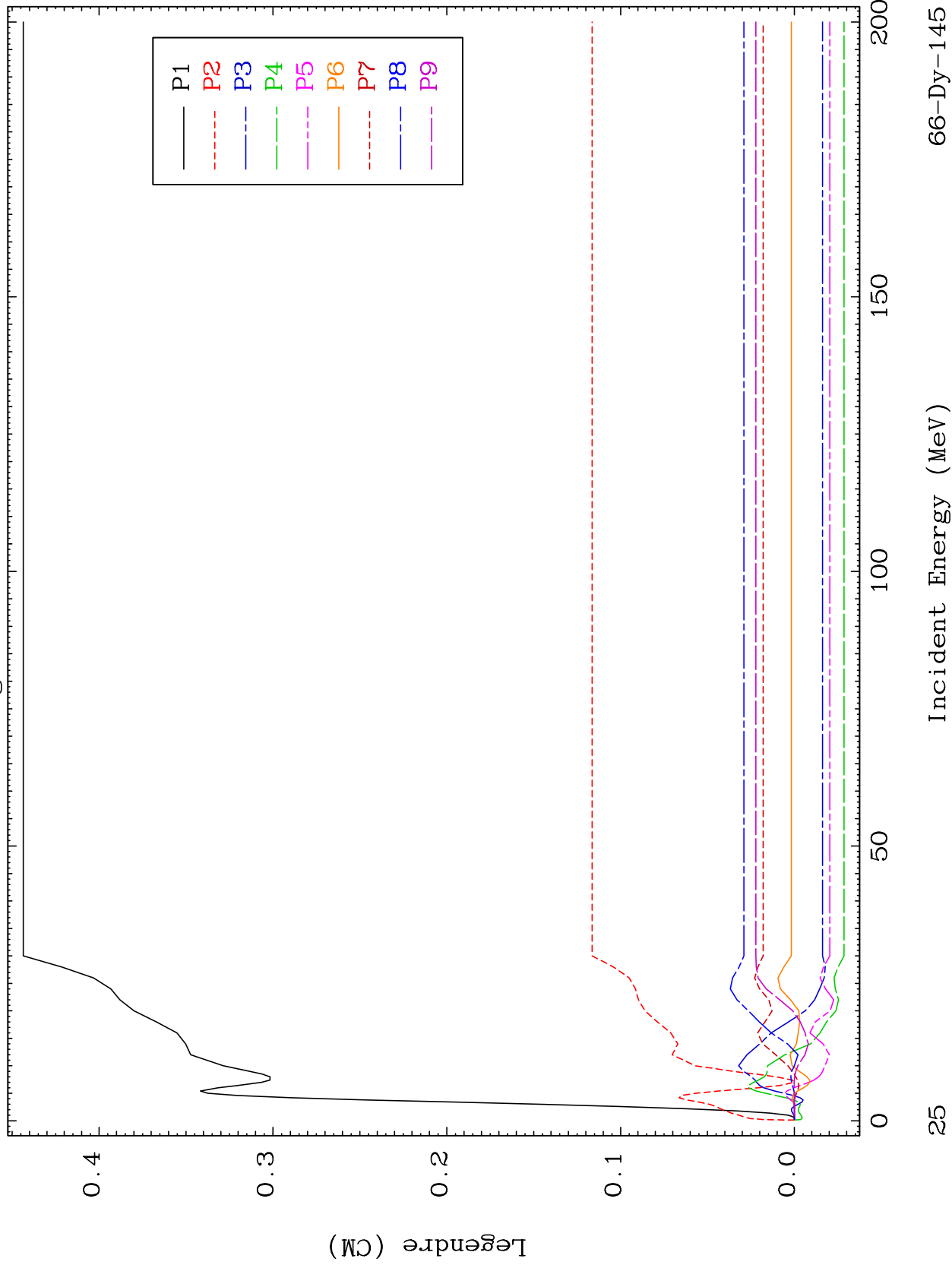
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



66-Dy-145

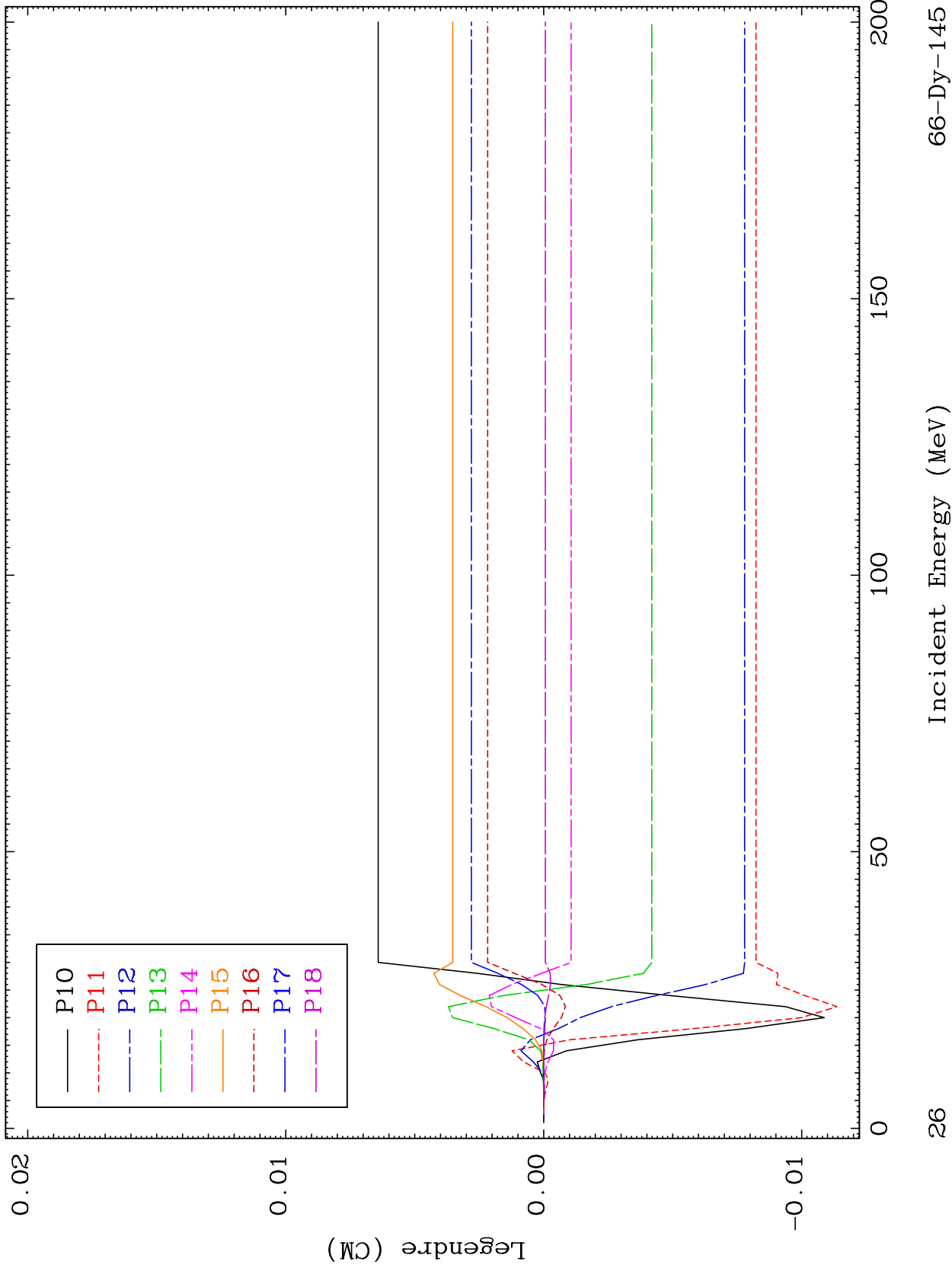
Incident Energy (MeV)

25

MAT 6592

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

66-Dy-145



26

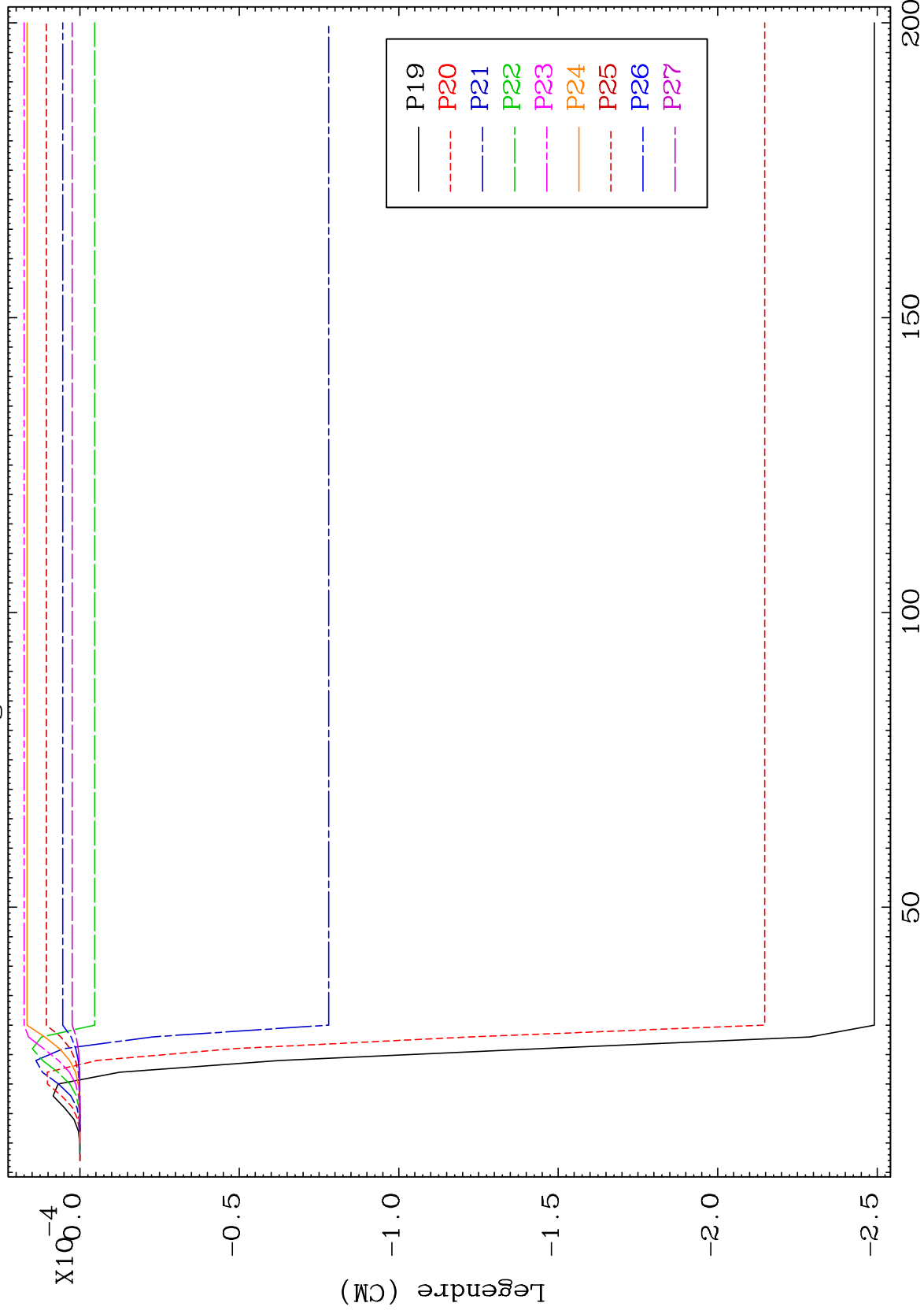
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



27

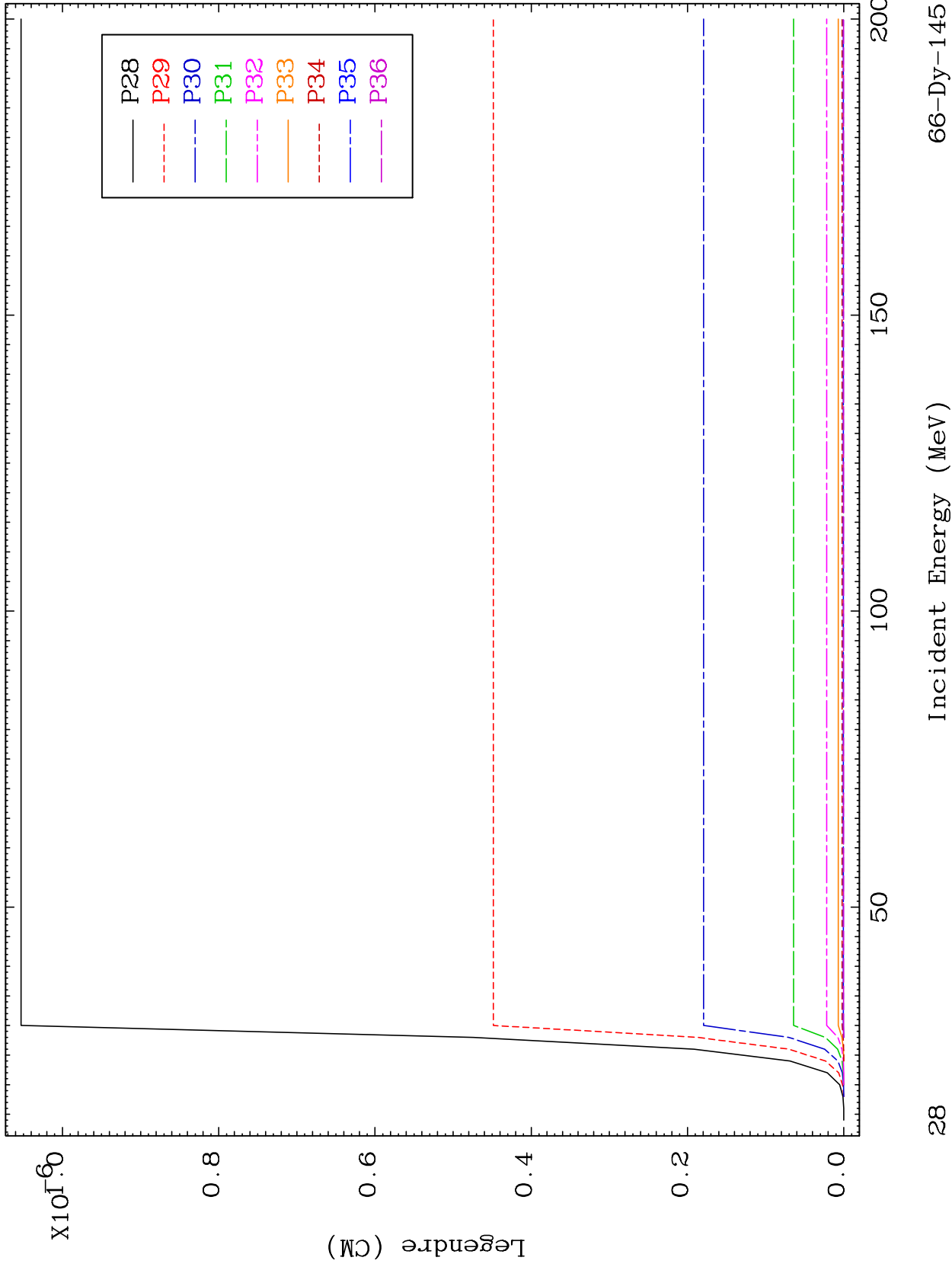
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



28

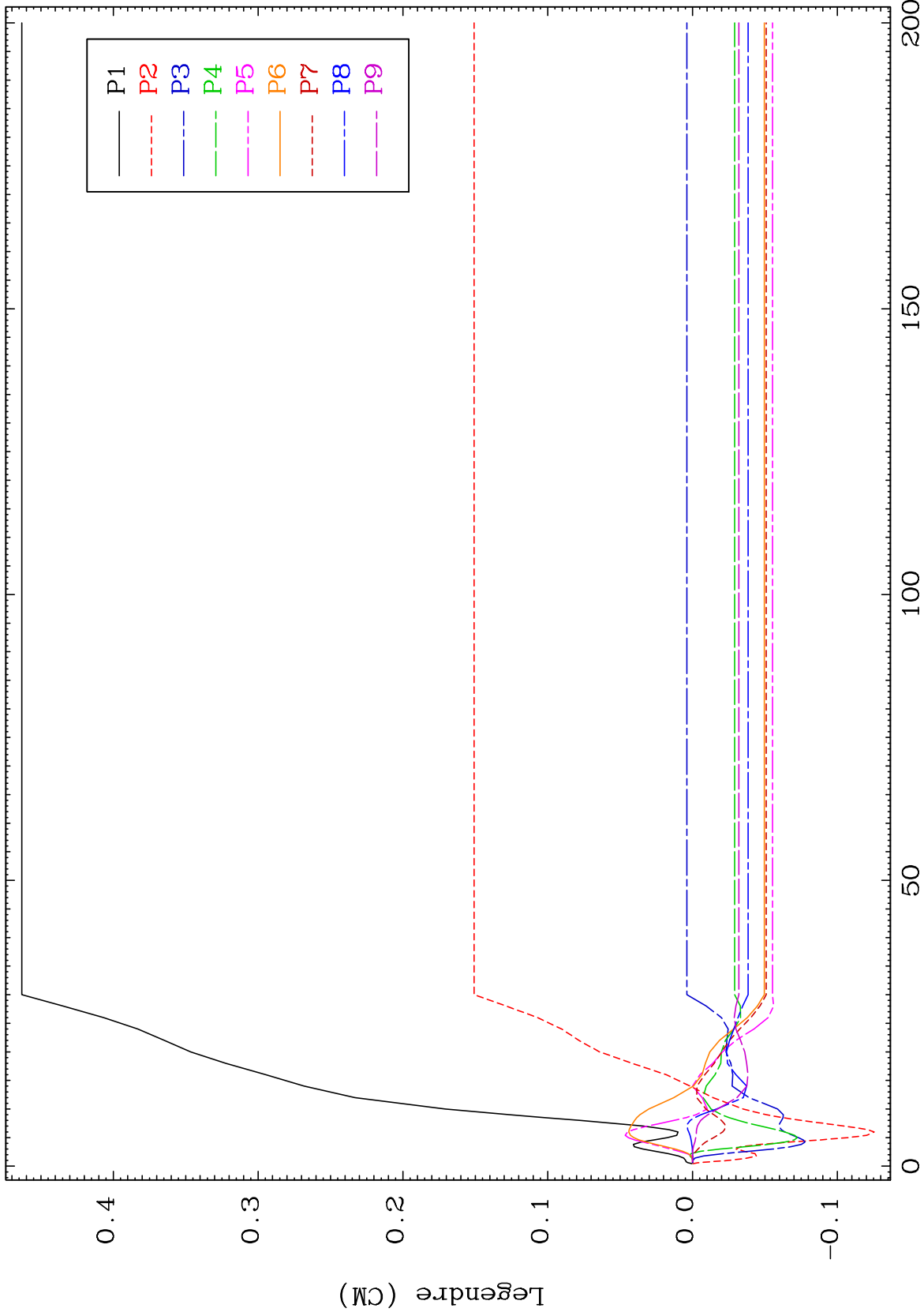
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



29

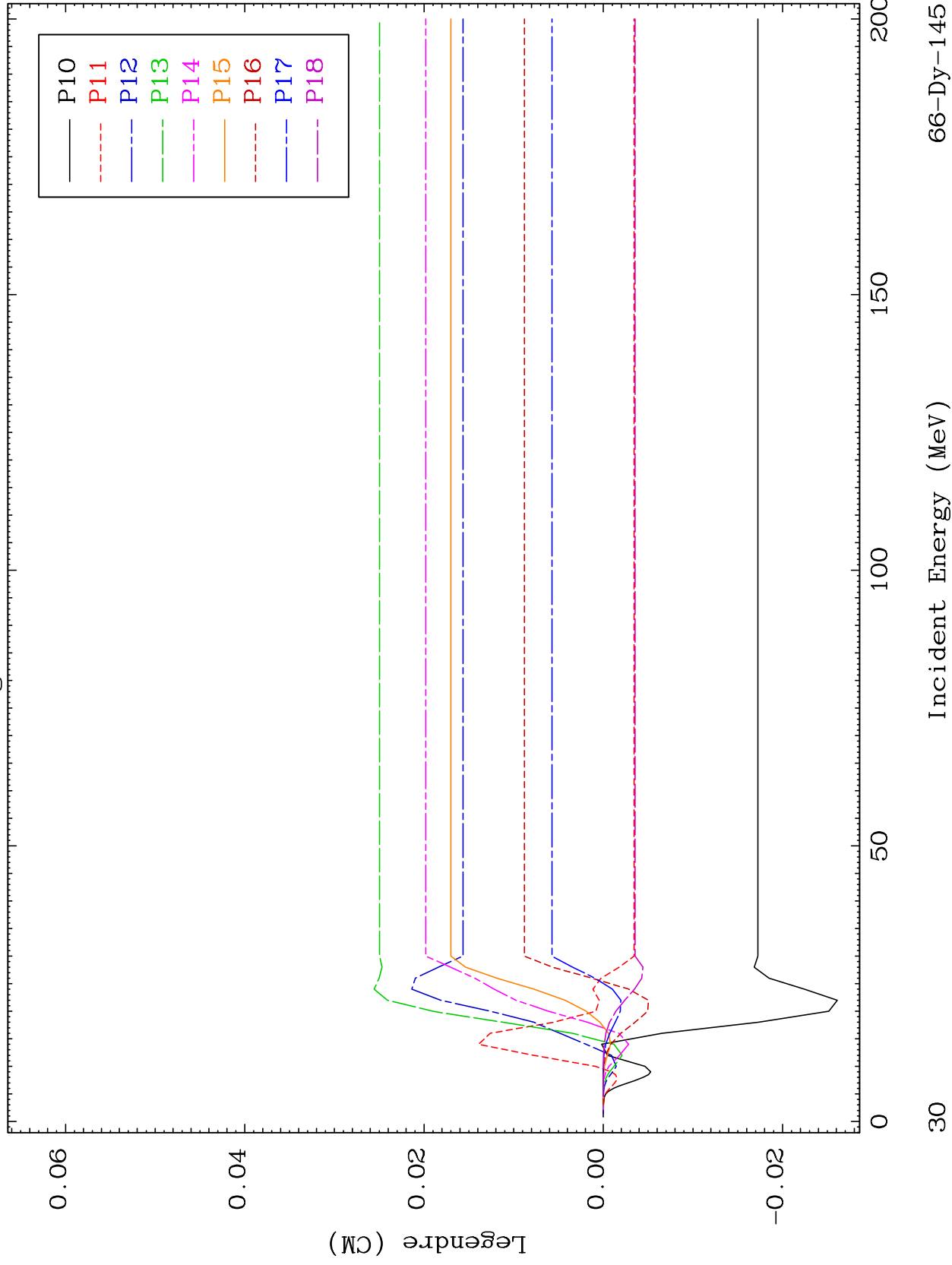
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

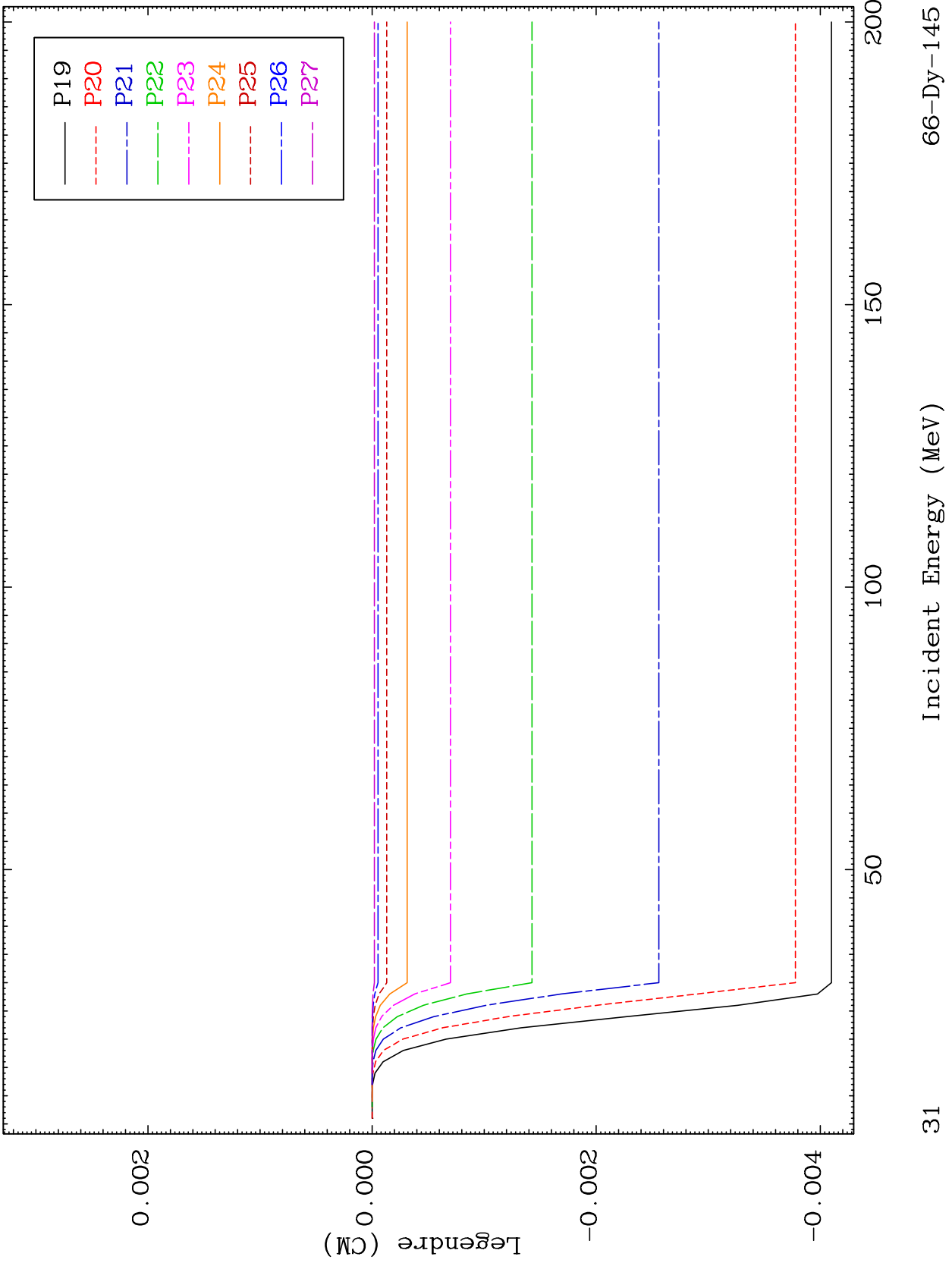
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MAT 6592

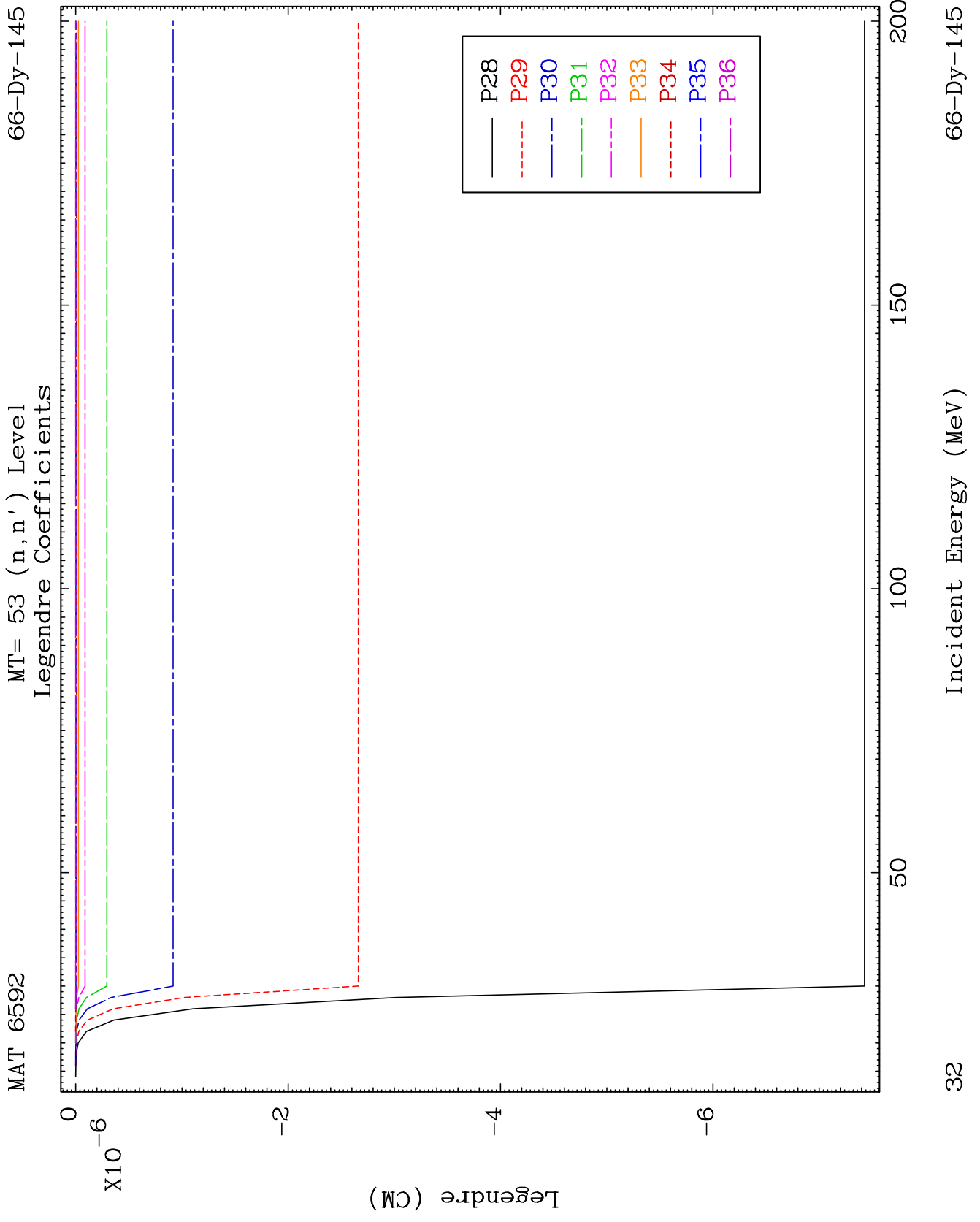
MT= 53 (n,n') Level  
Legendre Coefficients

66-Dy-145



31

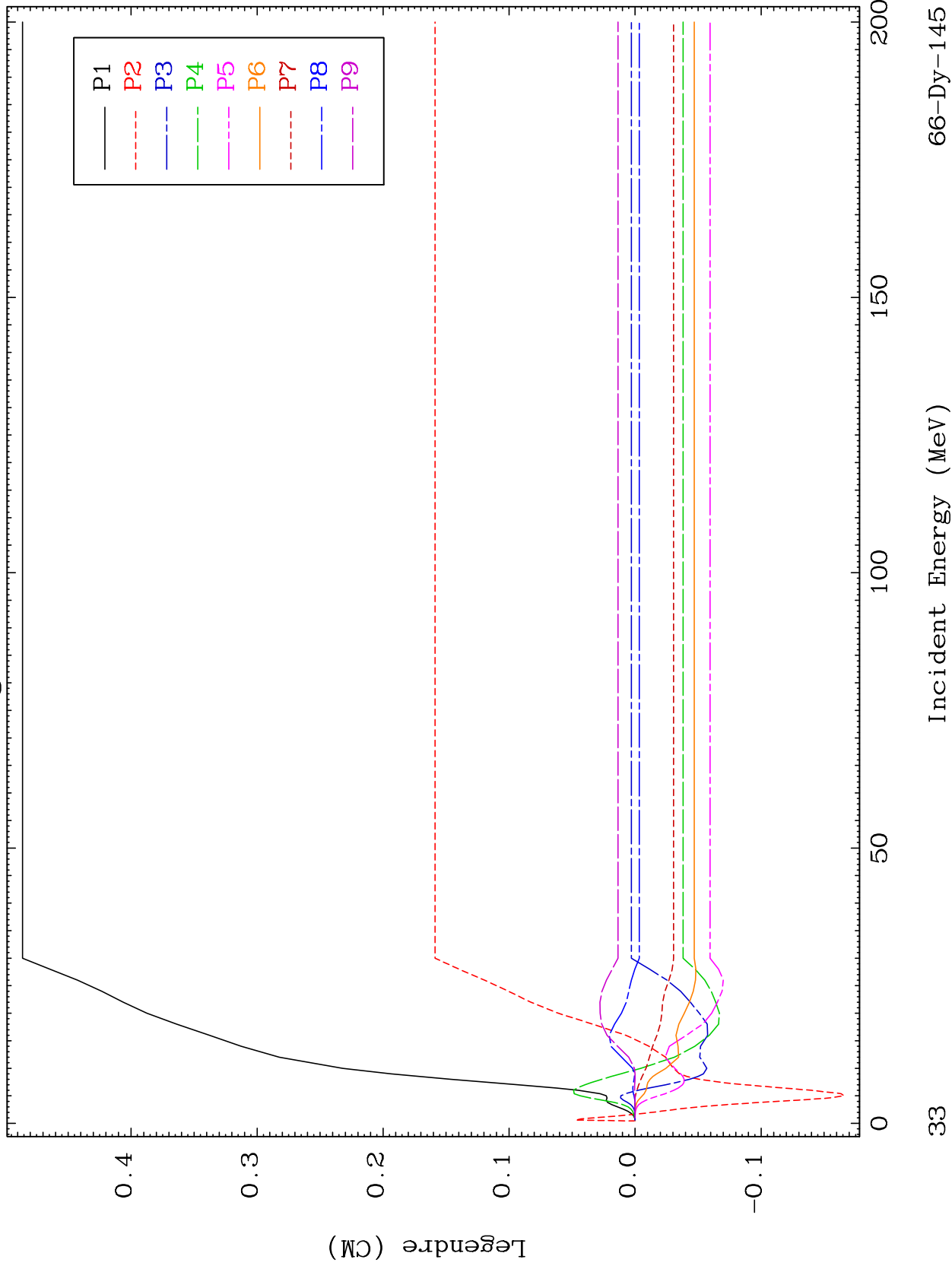


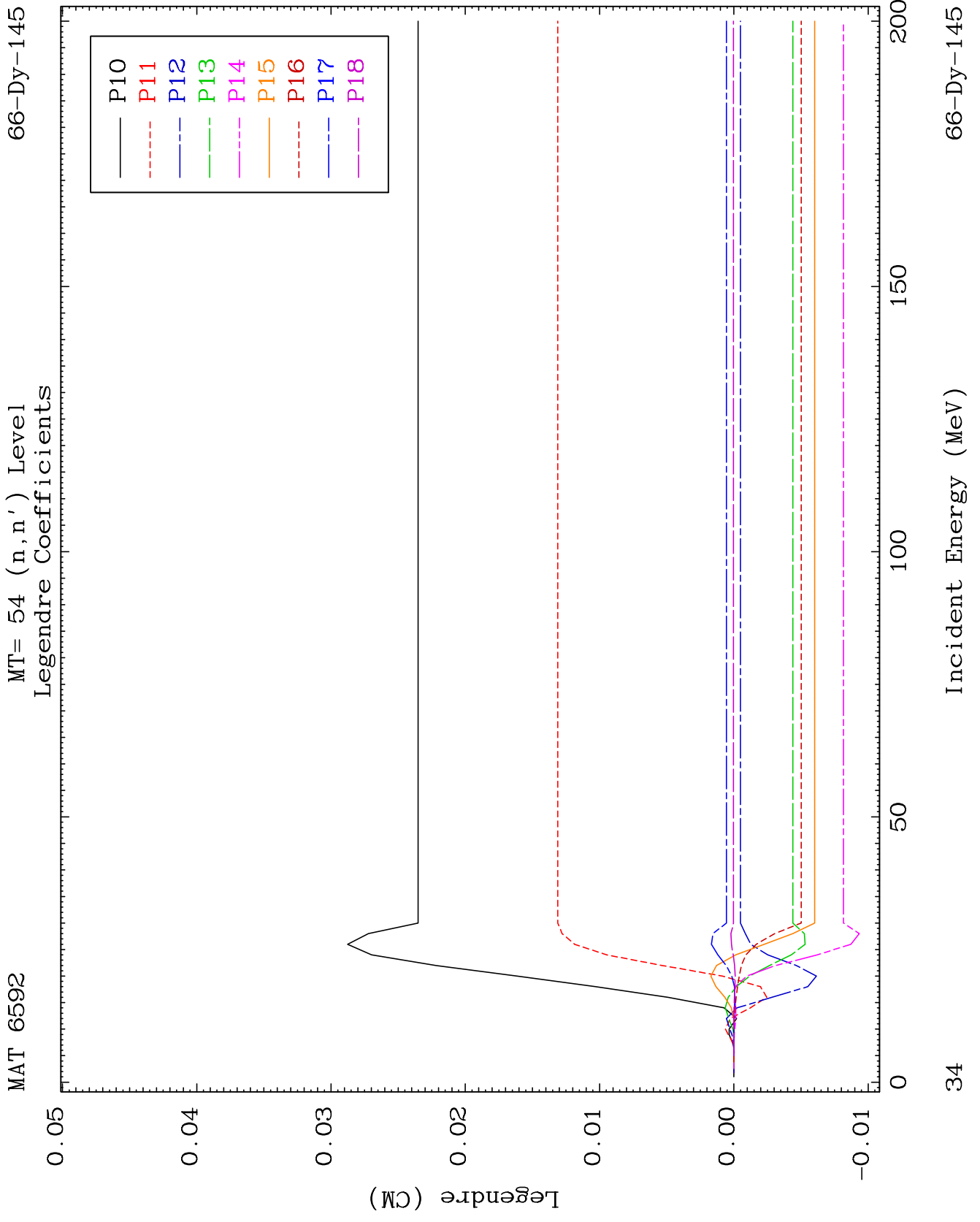


MAT 6592

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

66-Dy-145

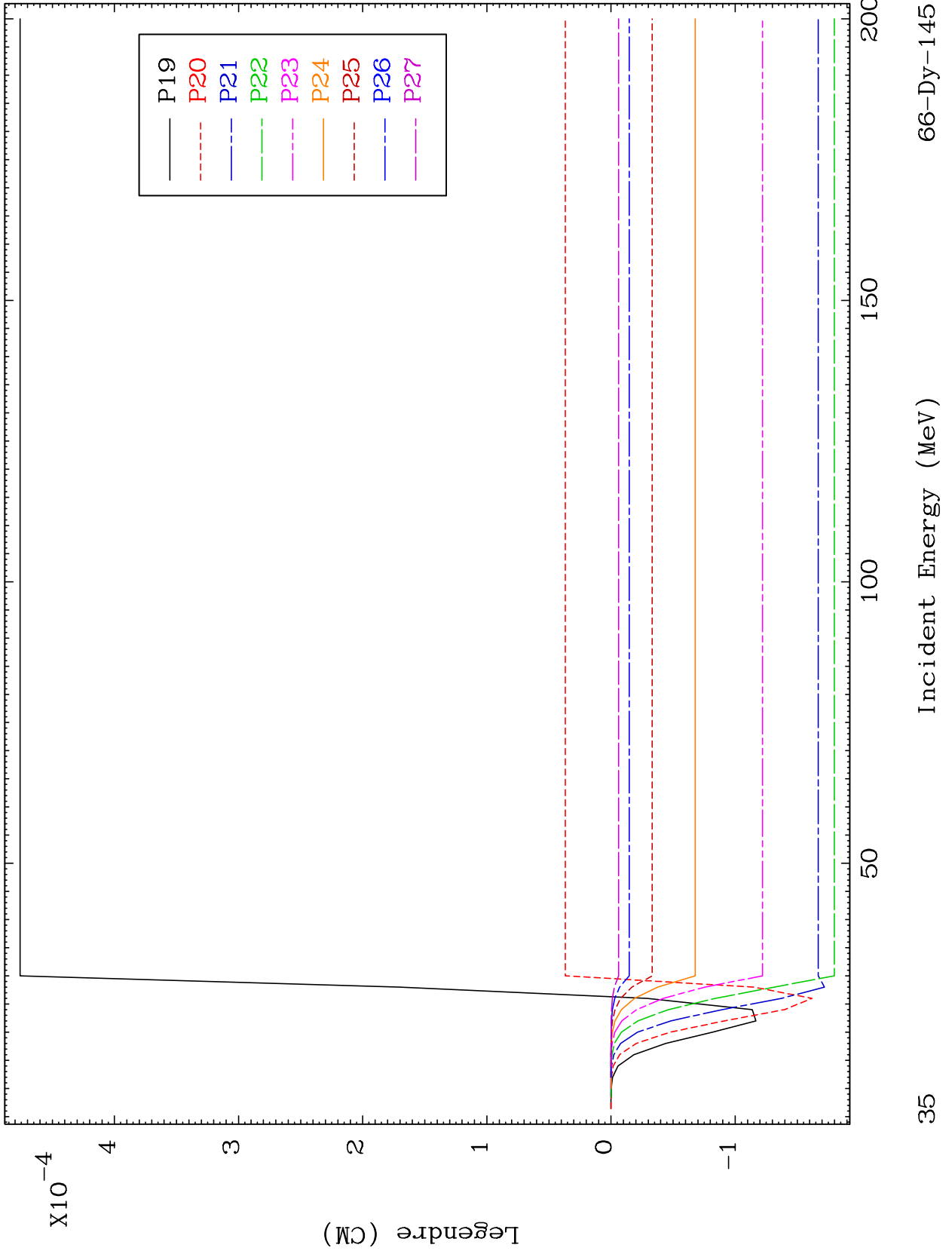




MAT 6592

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

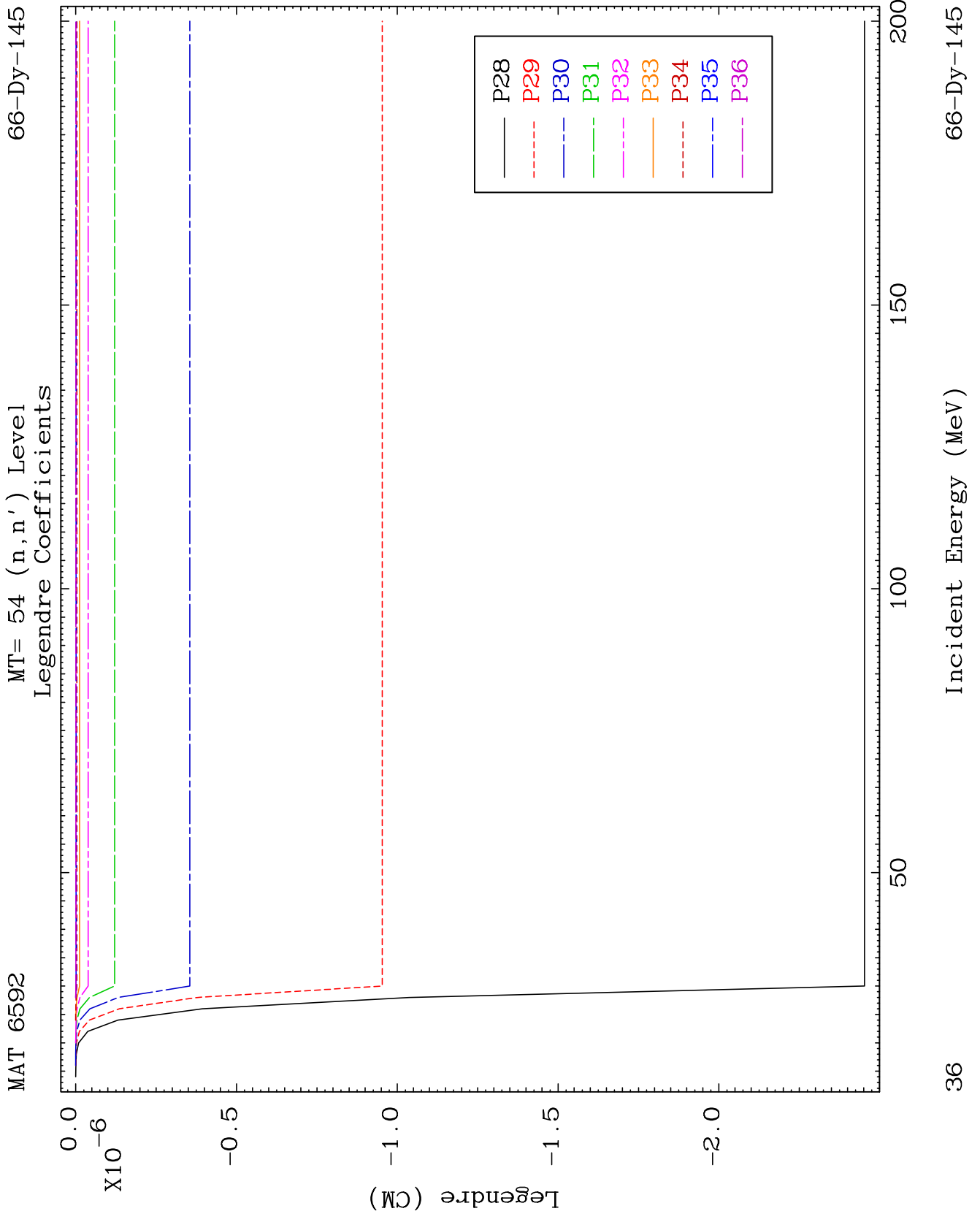
66-Dy-145



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Incident Energy (MeV)

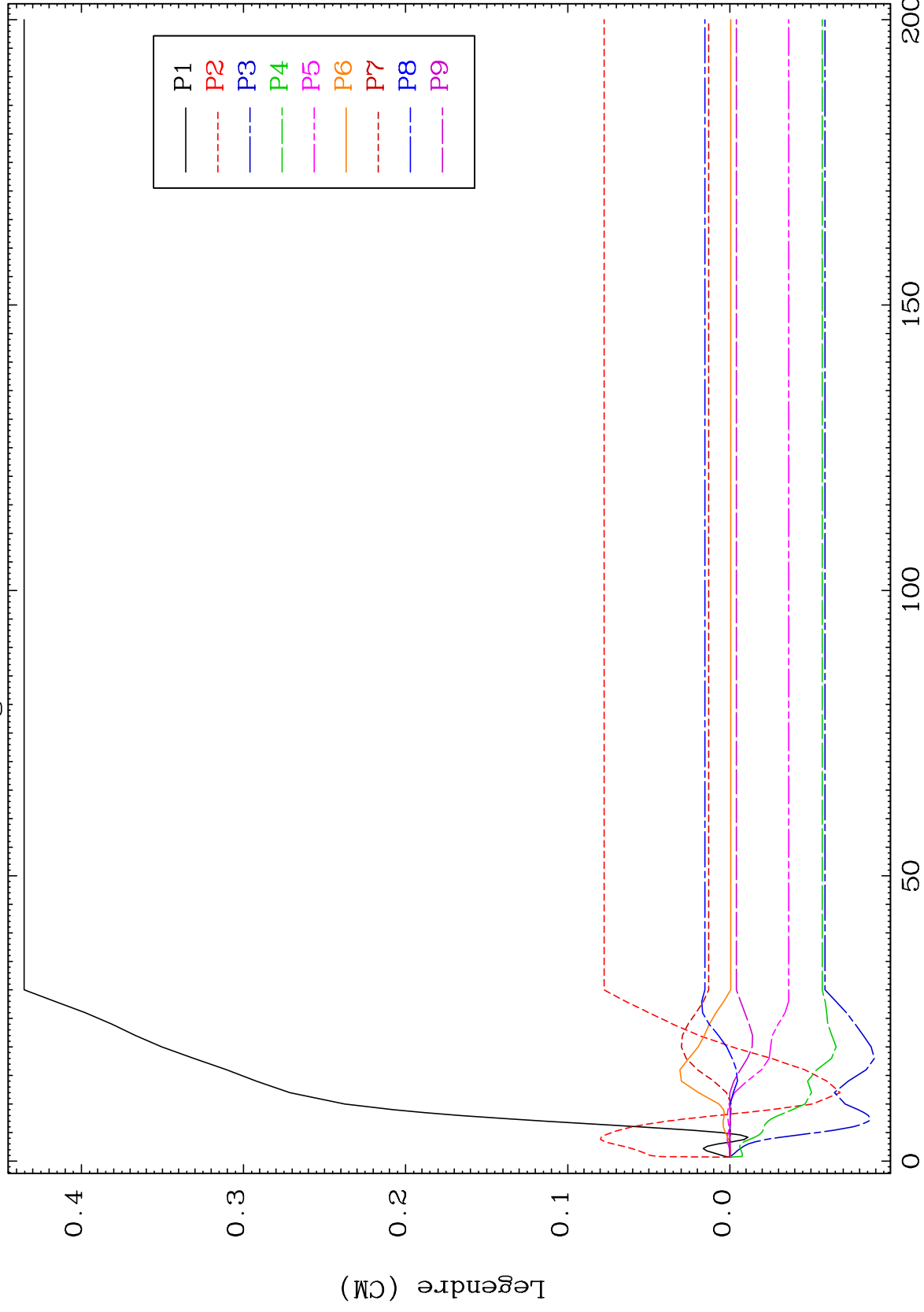
66-Dy-145



MAT 6592

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

66-Dy-145



37

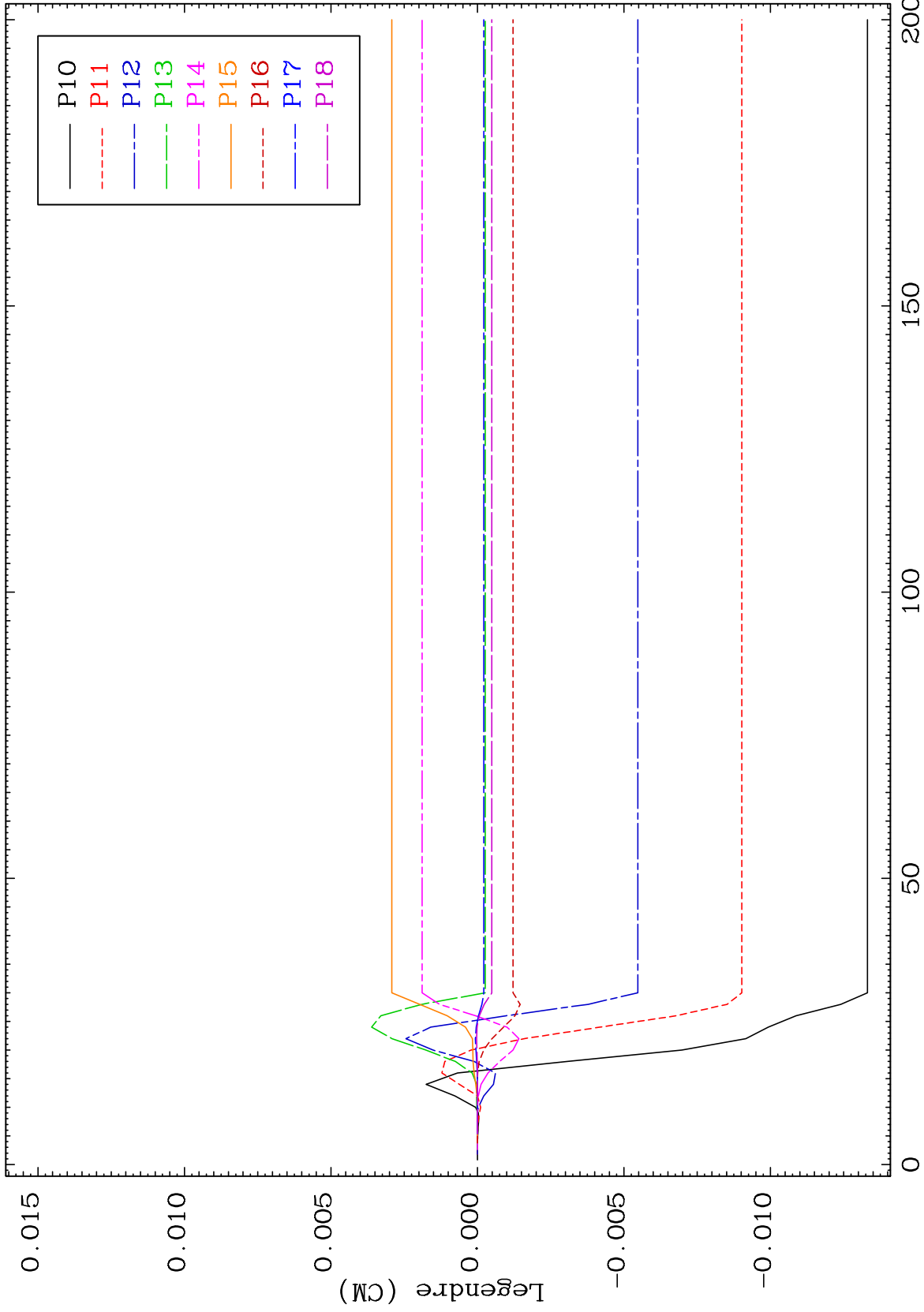
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



38

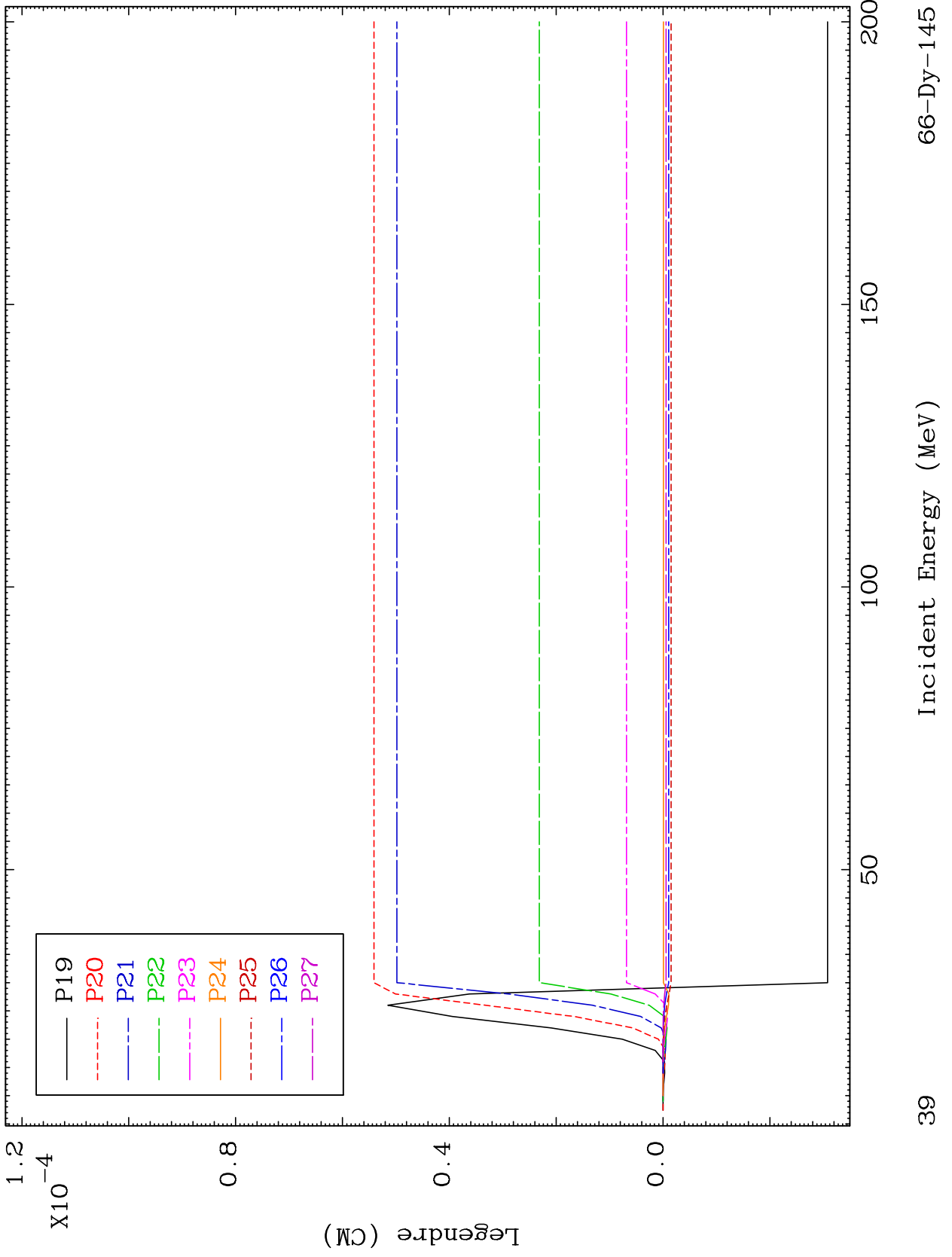
Incident Energy (MeV)

66-Dy-145

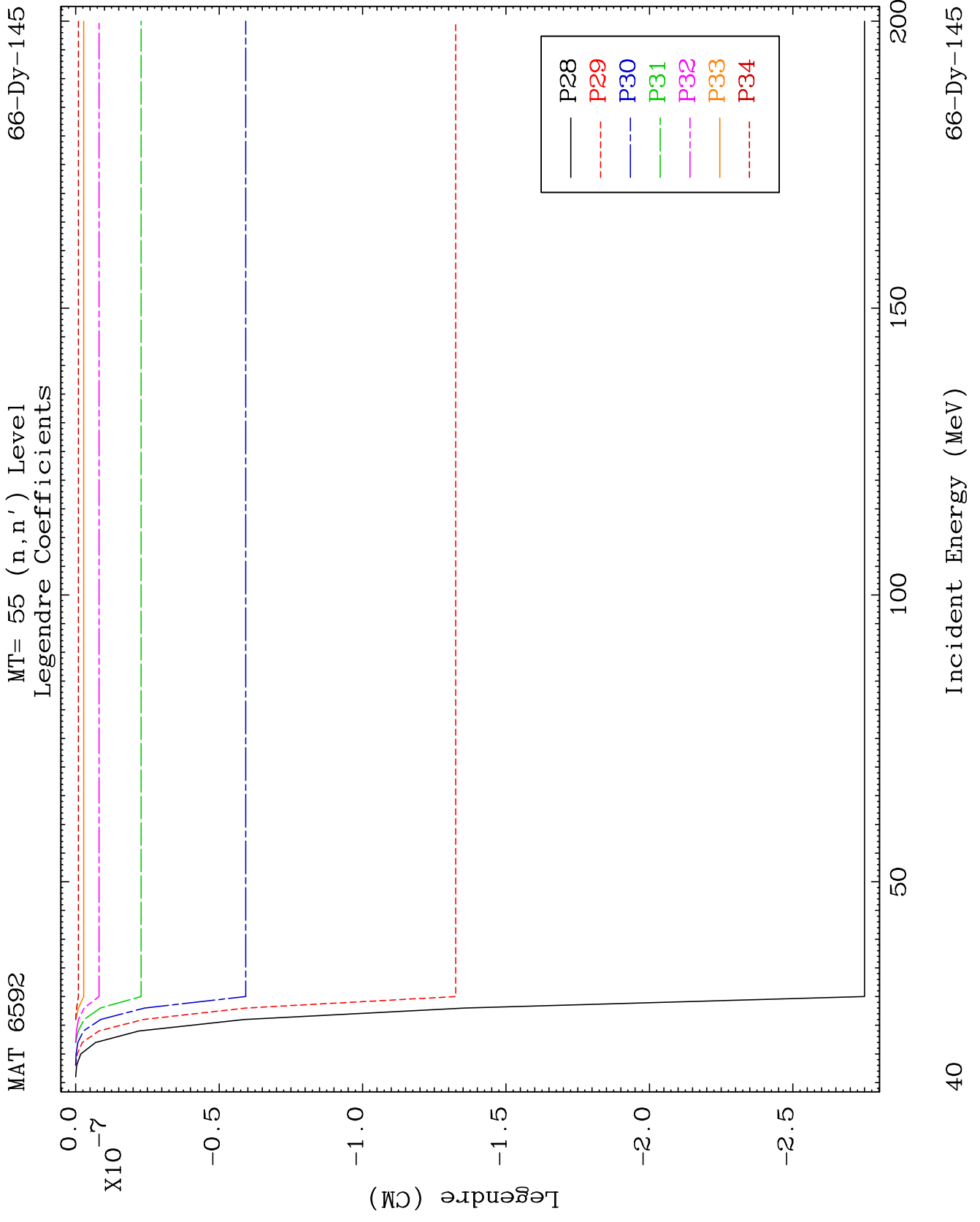
MAT 6592

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

66-Dy-145



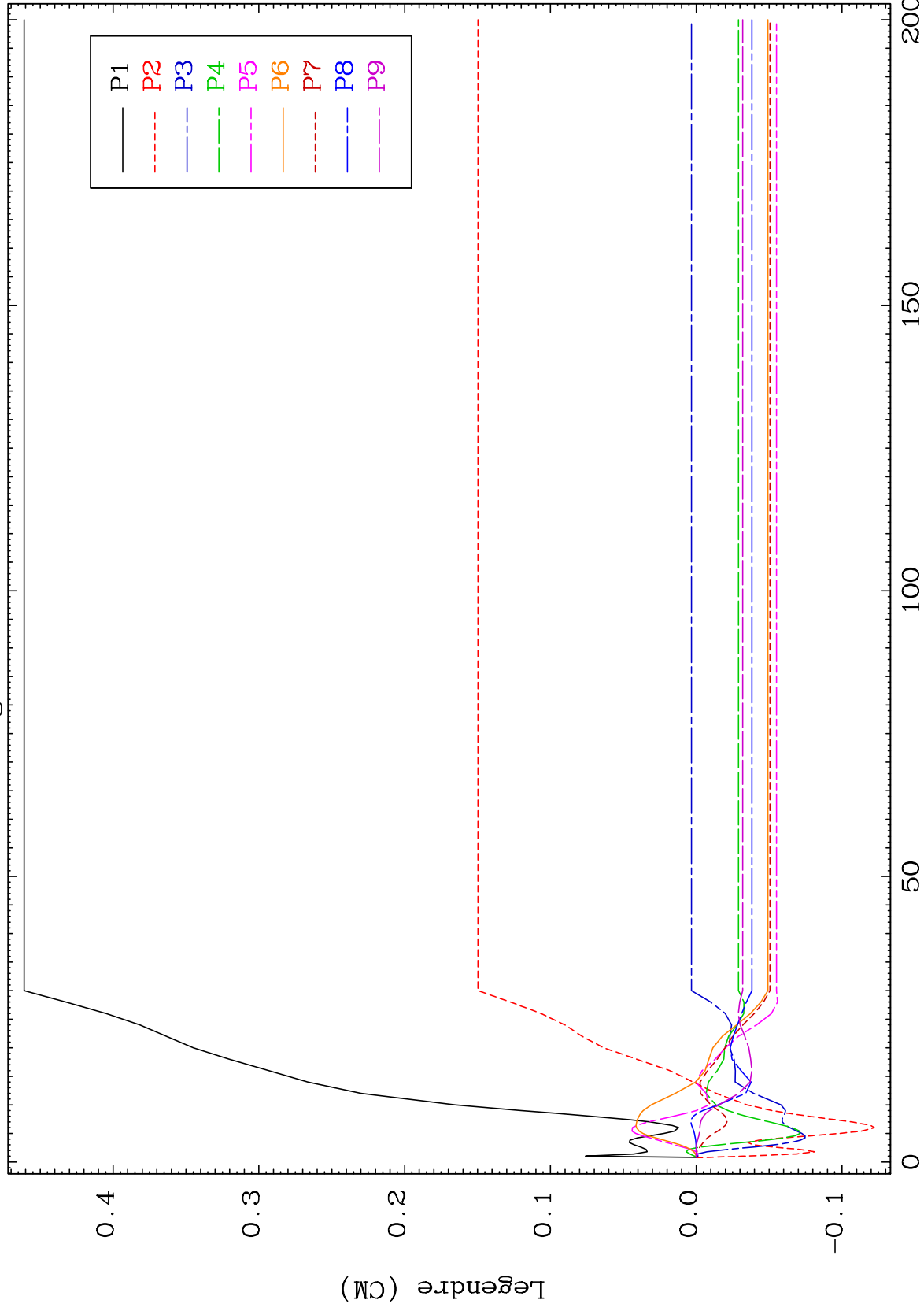




MAT 6592

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

66-Dy-145



41

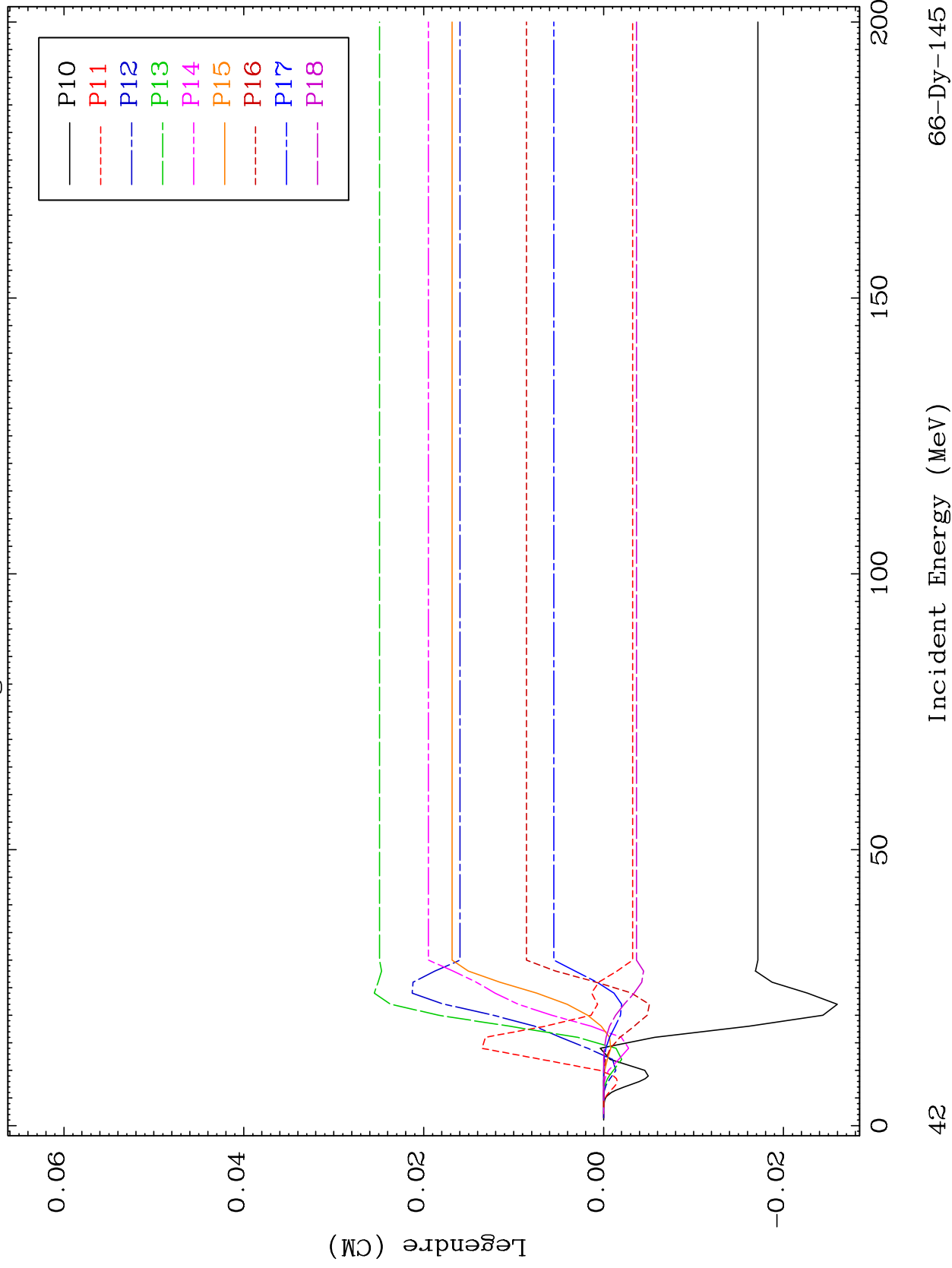
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

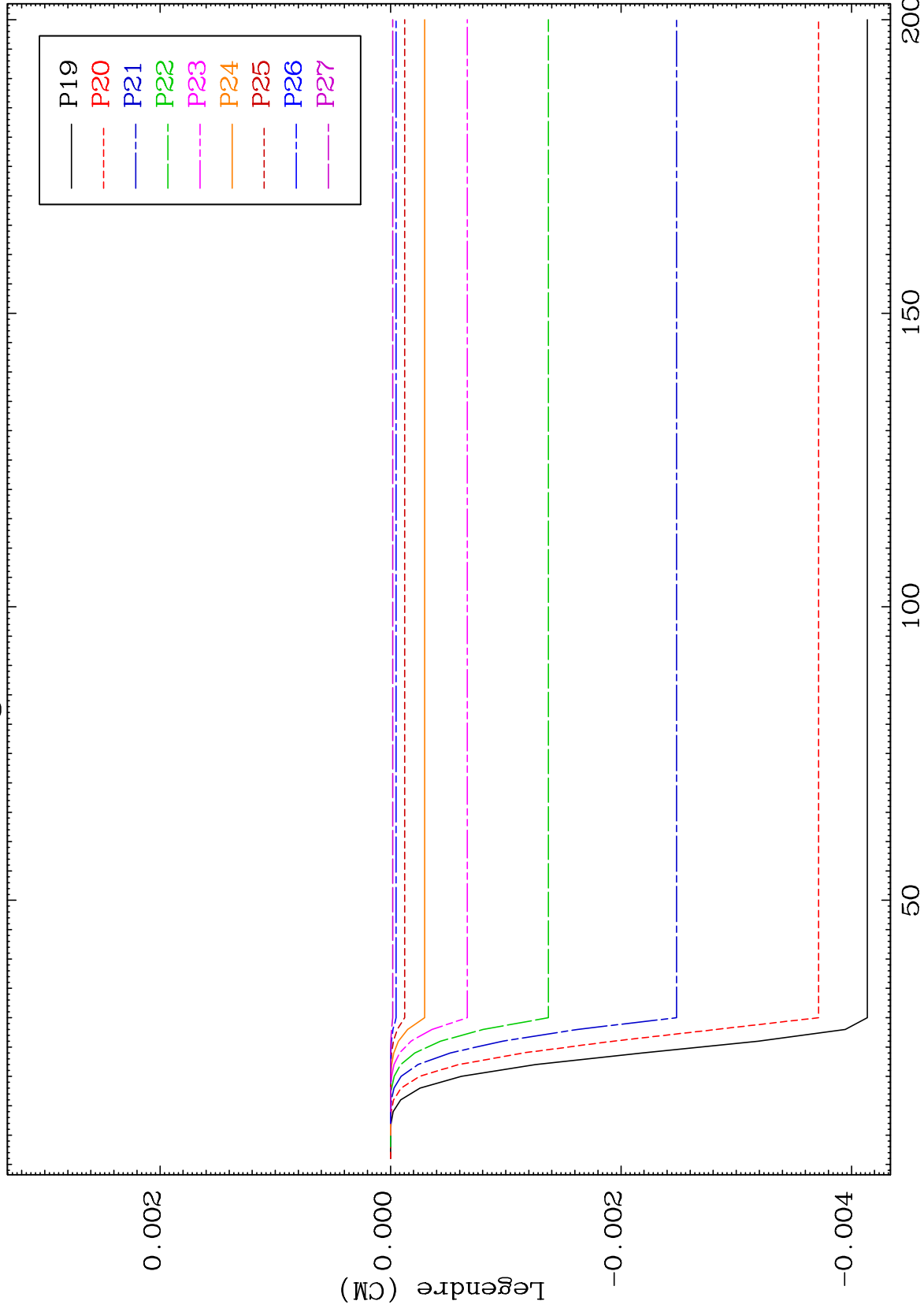
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MAT 6592

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

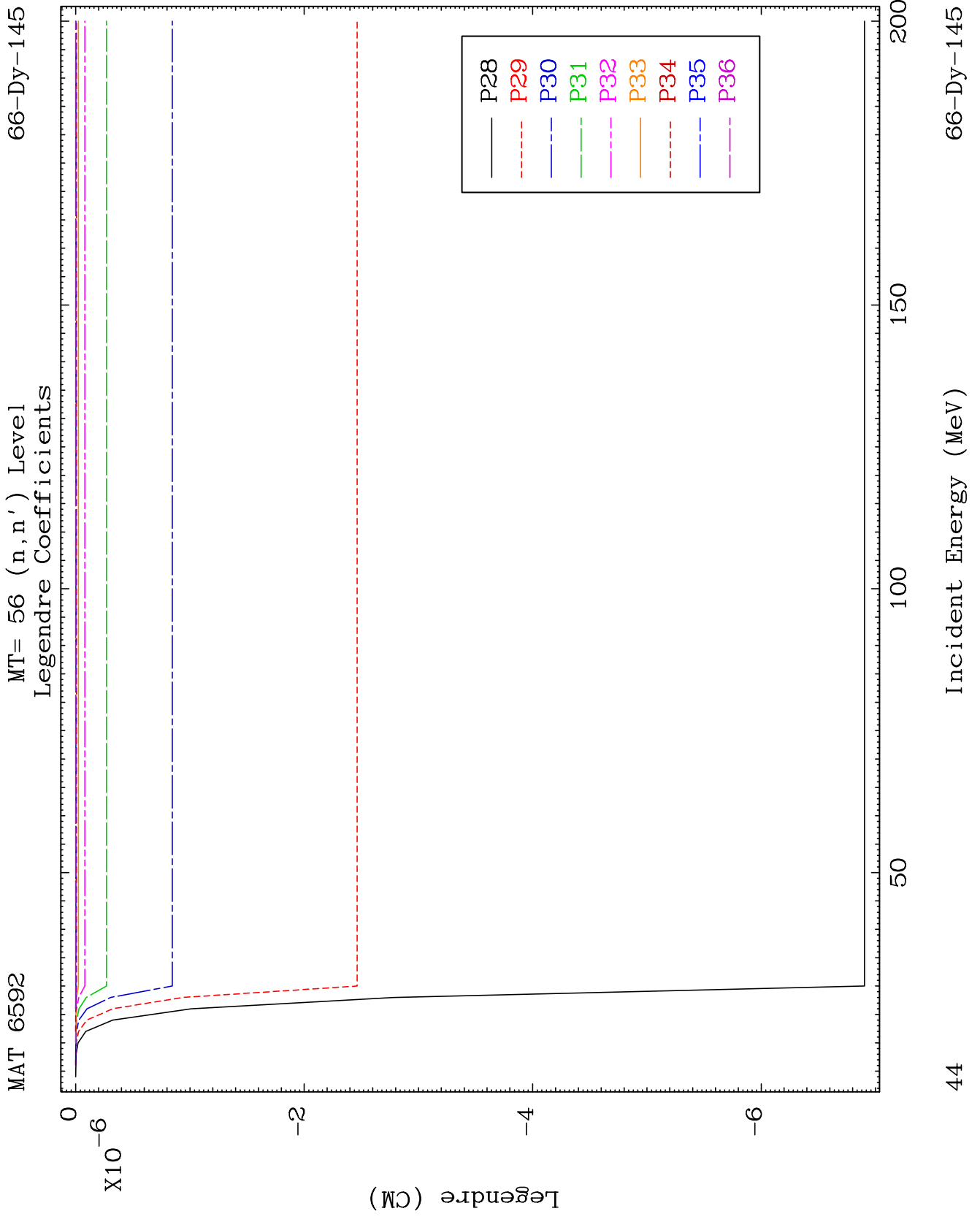
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43

Incident Energy (MeV)

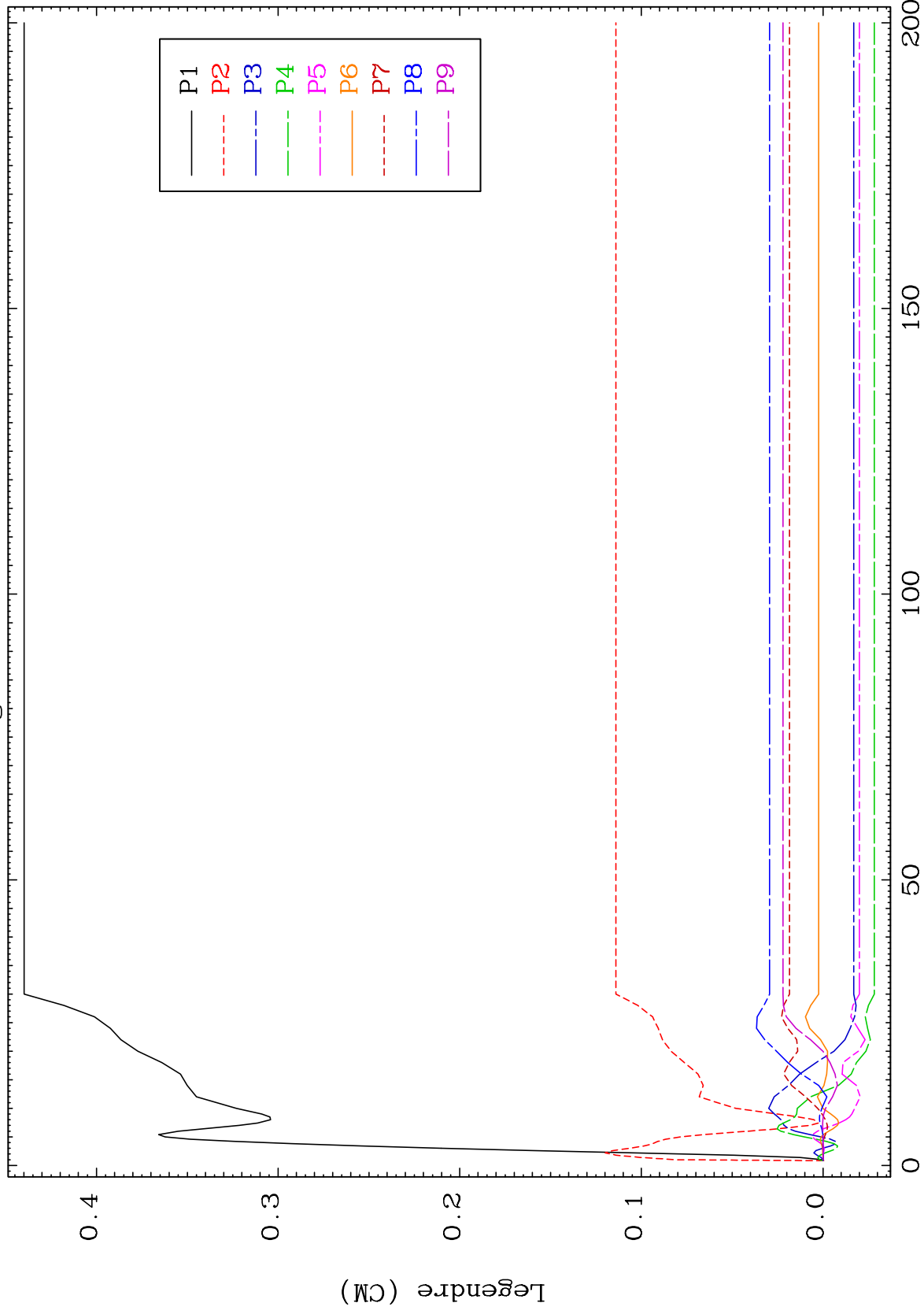
66-Dy-145



MAT 6592

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

66-Dy-145



45

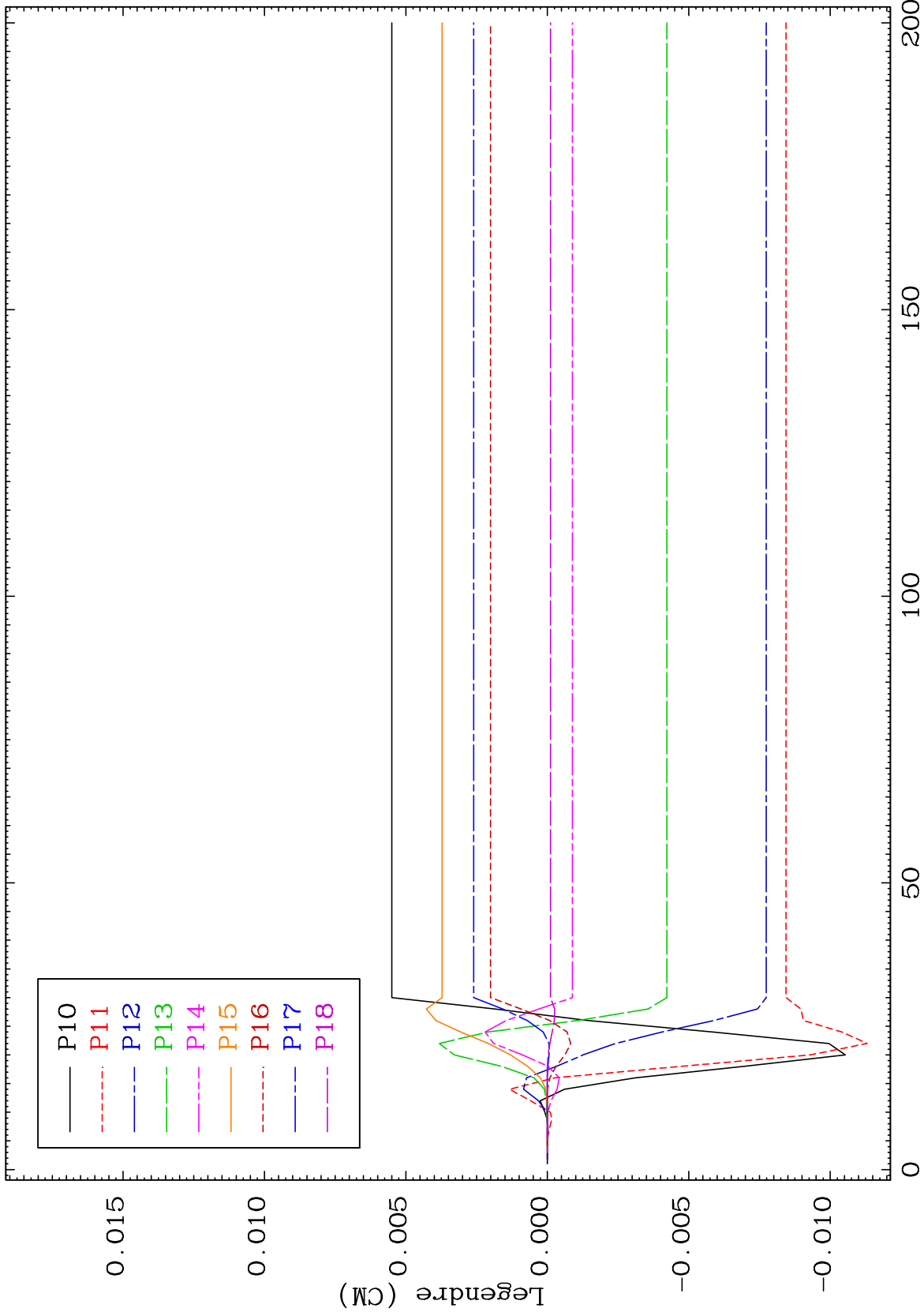
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



46

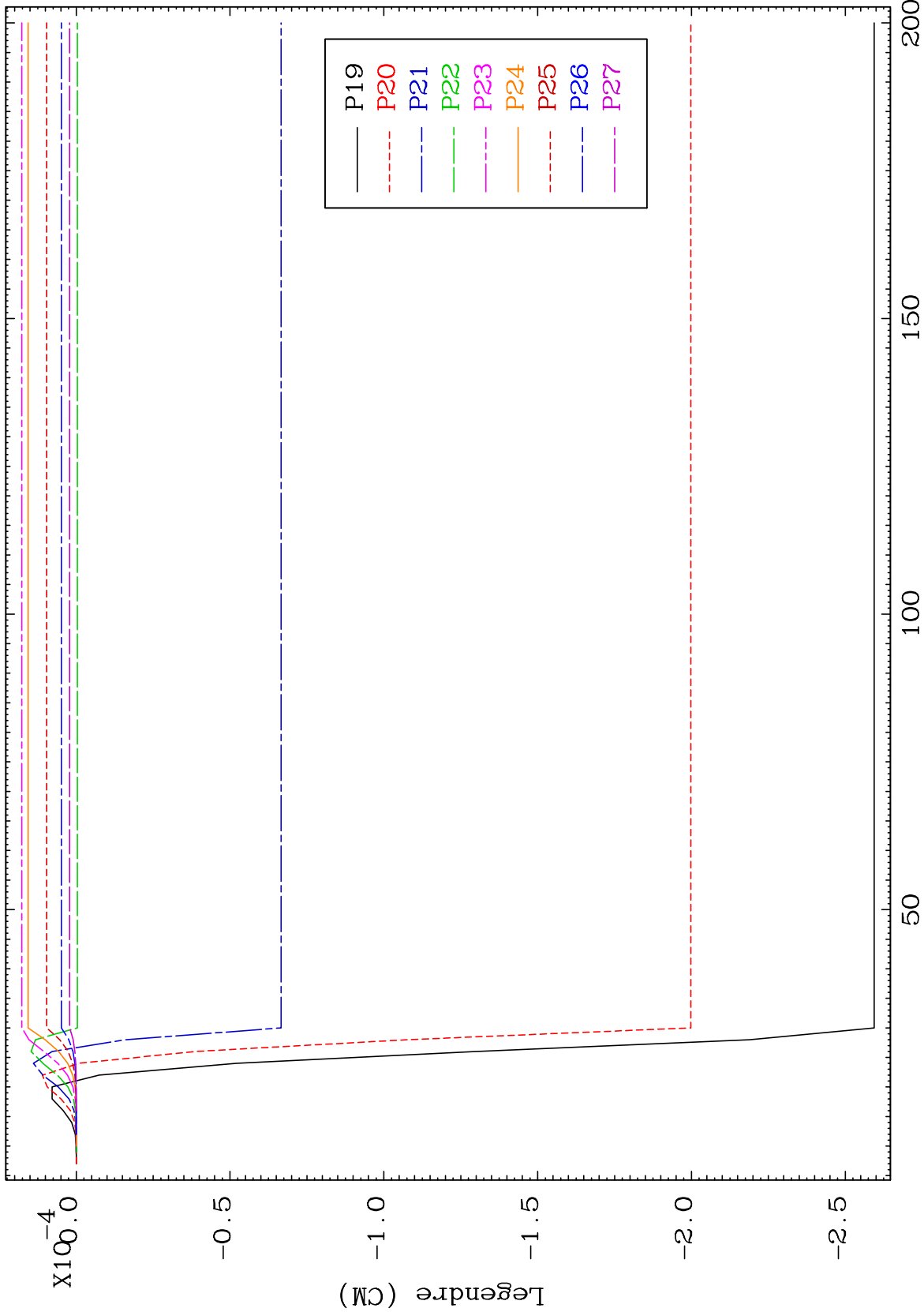
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145

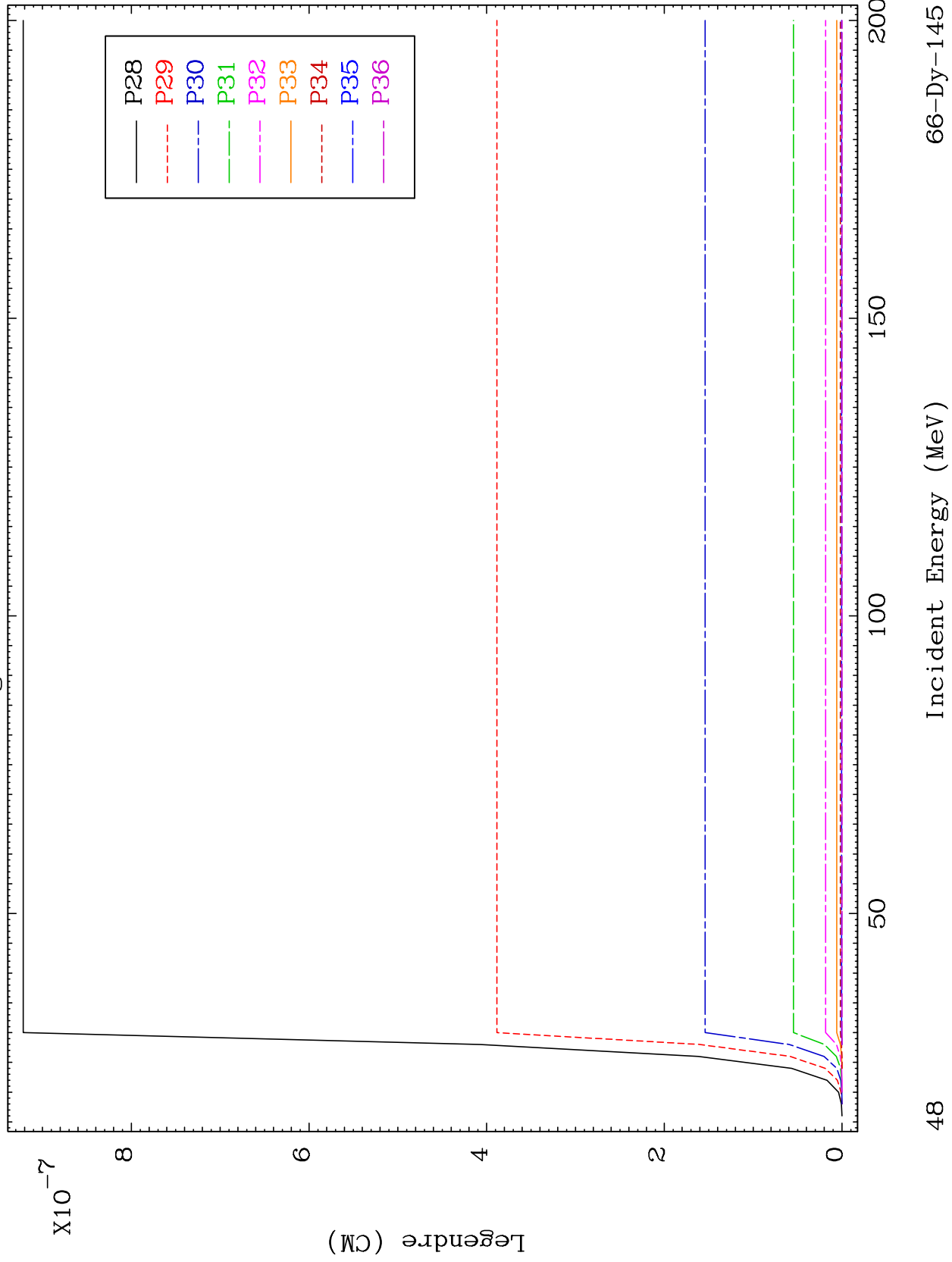




MAT 6592

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

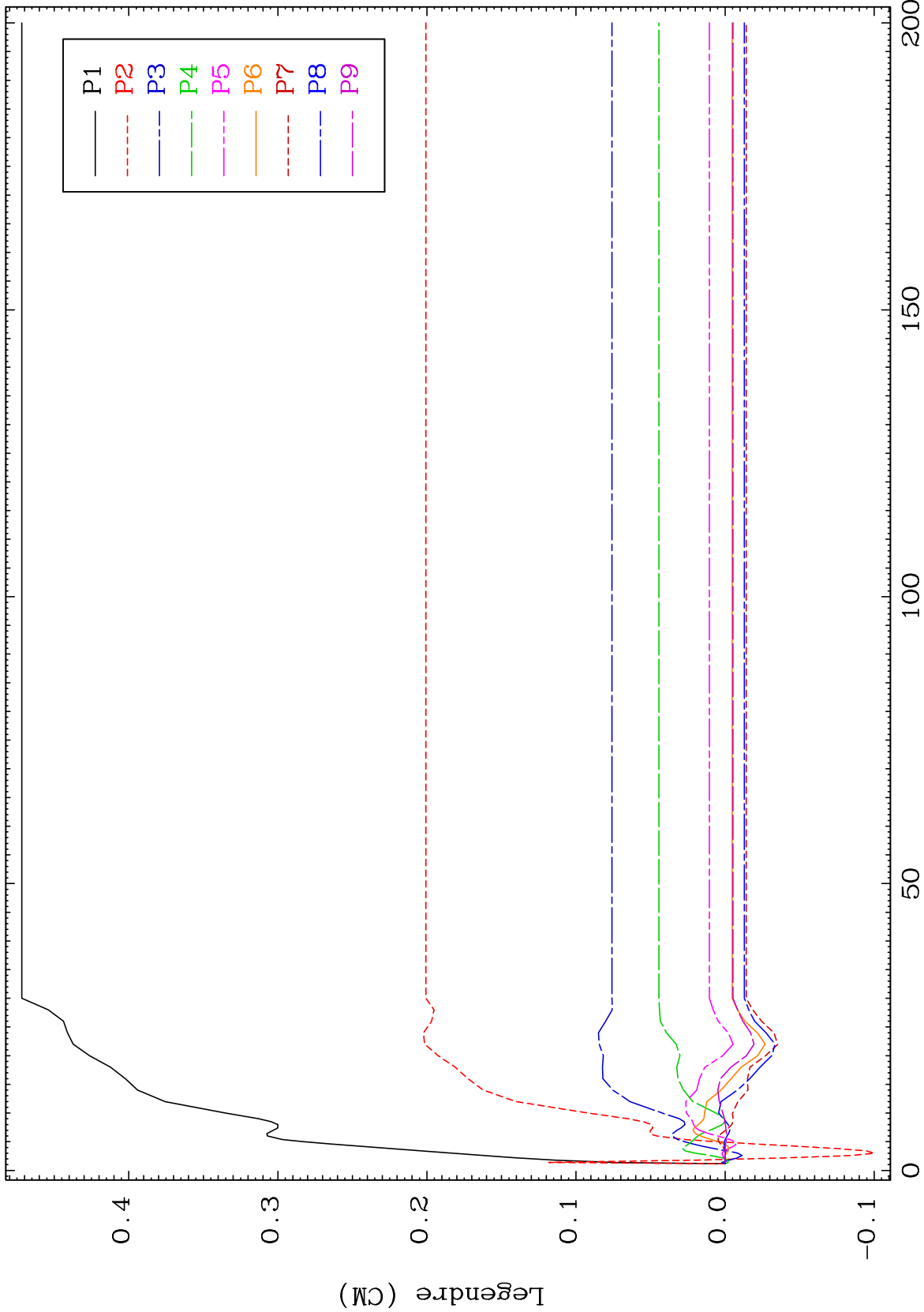
66-Dy-145



MAT 6592

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

66-Dy-145



49

Incident Energy (MeV)

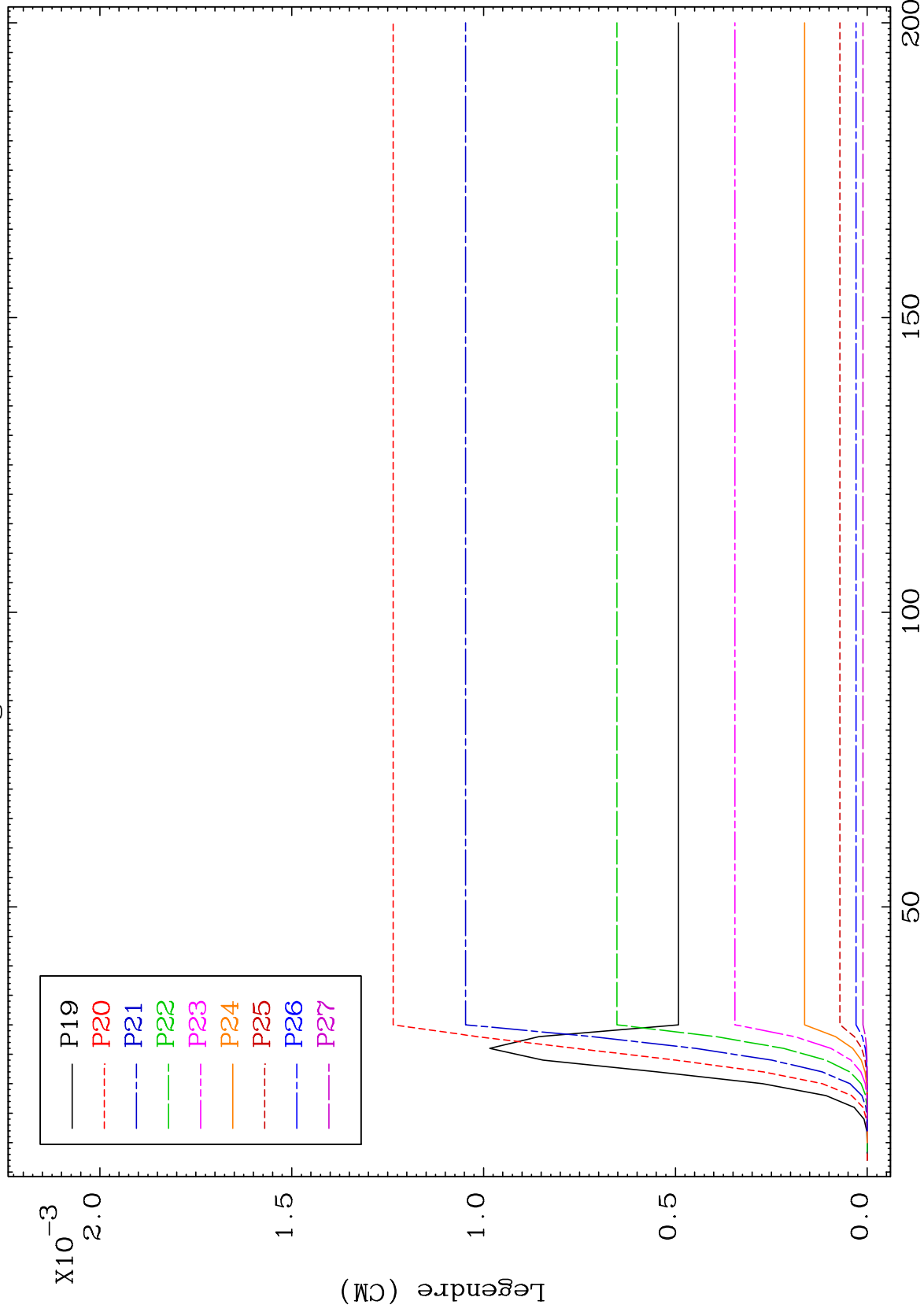
66-Dy-145



MAT 6592

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

66-Dy-145



51

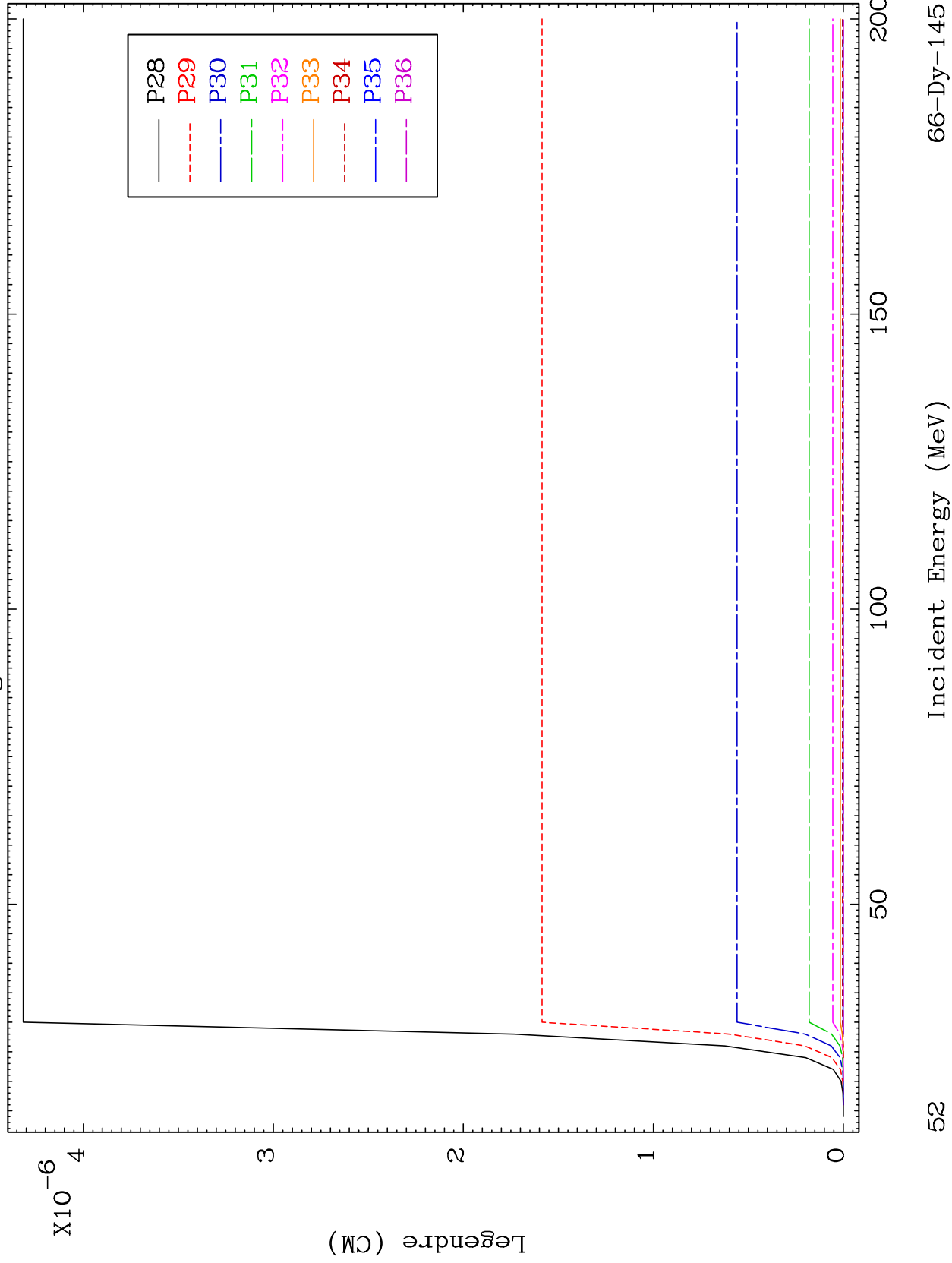
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

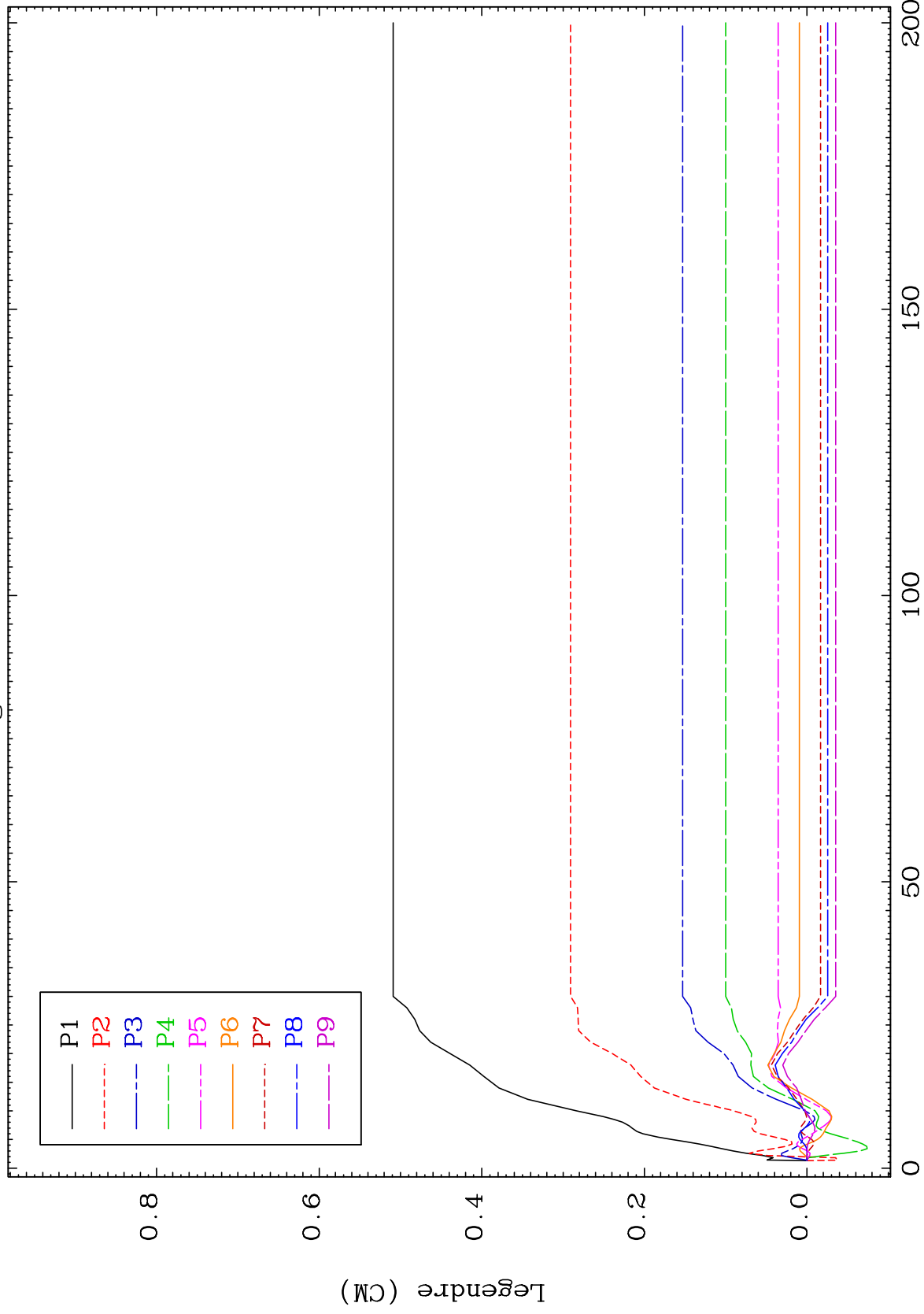
66-Dy-145



MAT 6592

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

66-Dy-145



53

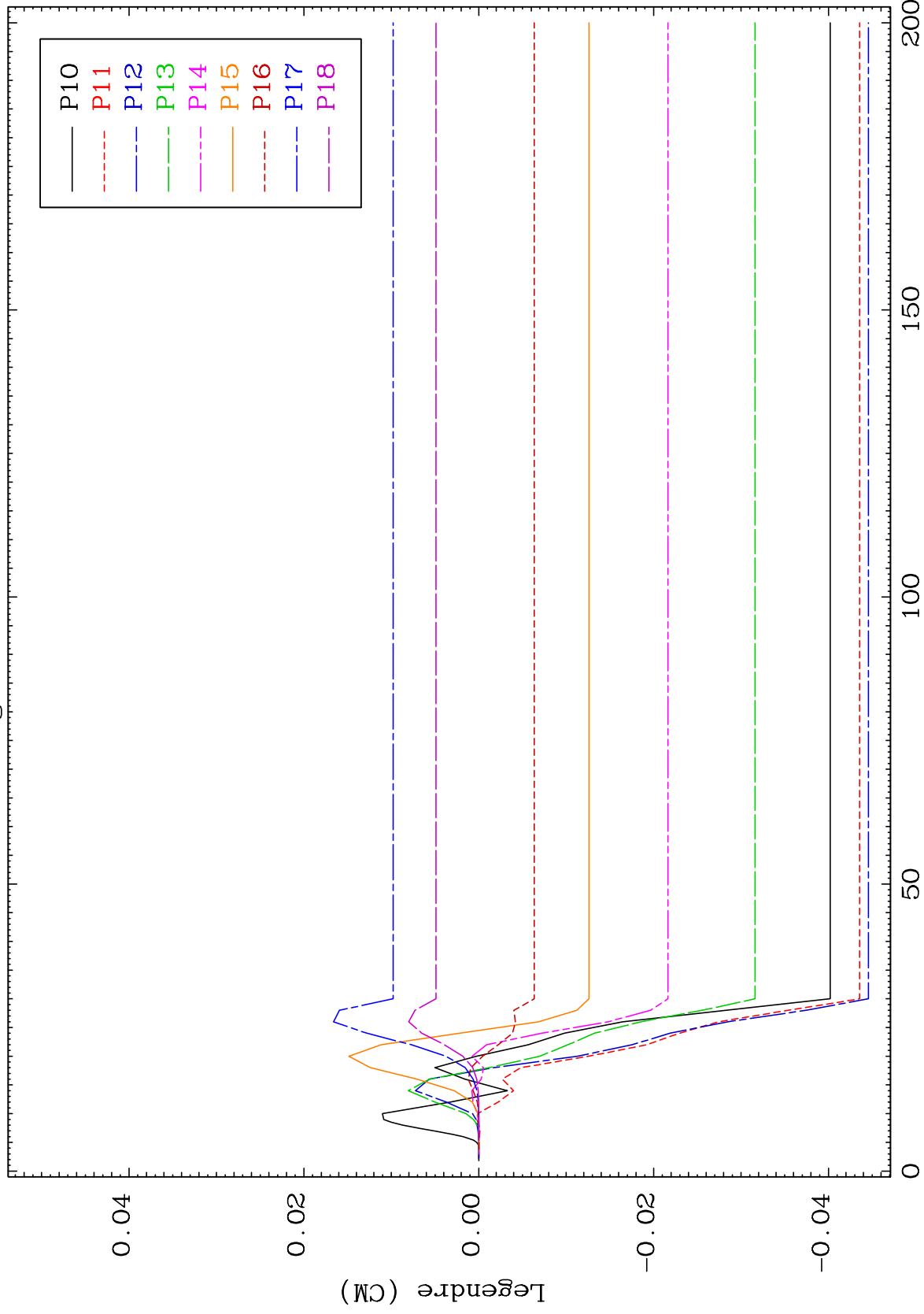
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



54

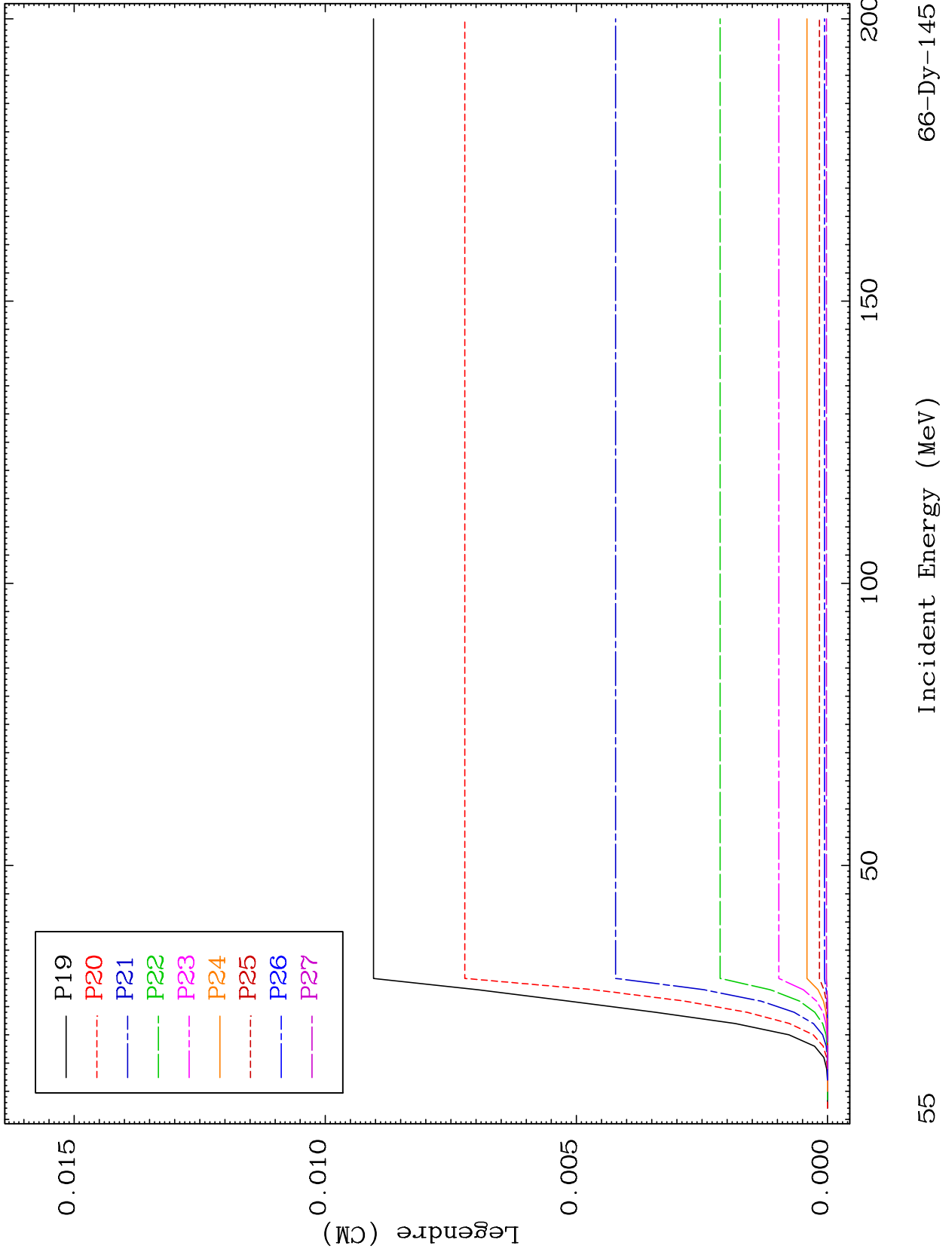
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



55

Incident Energy (MeV)

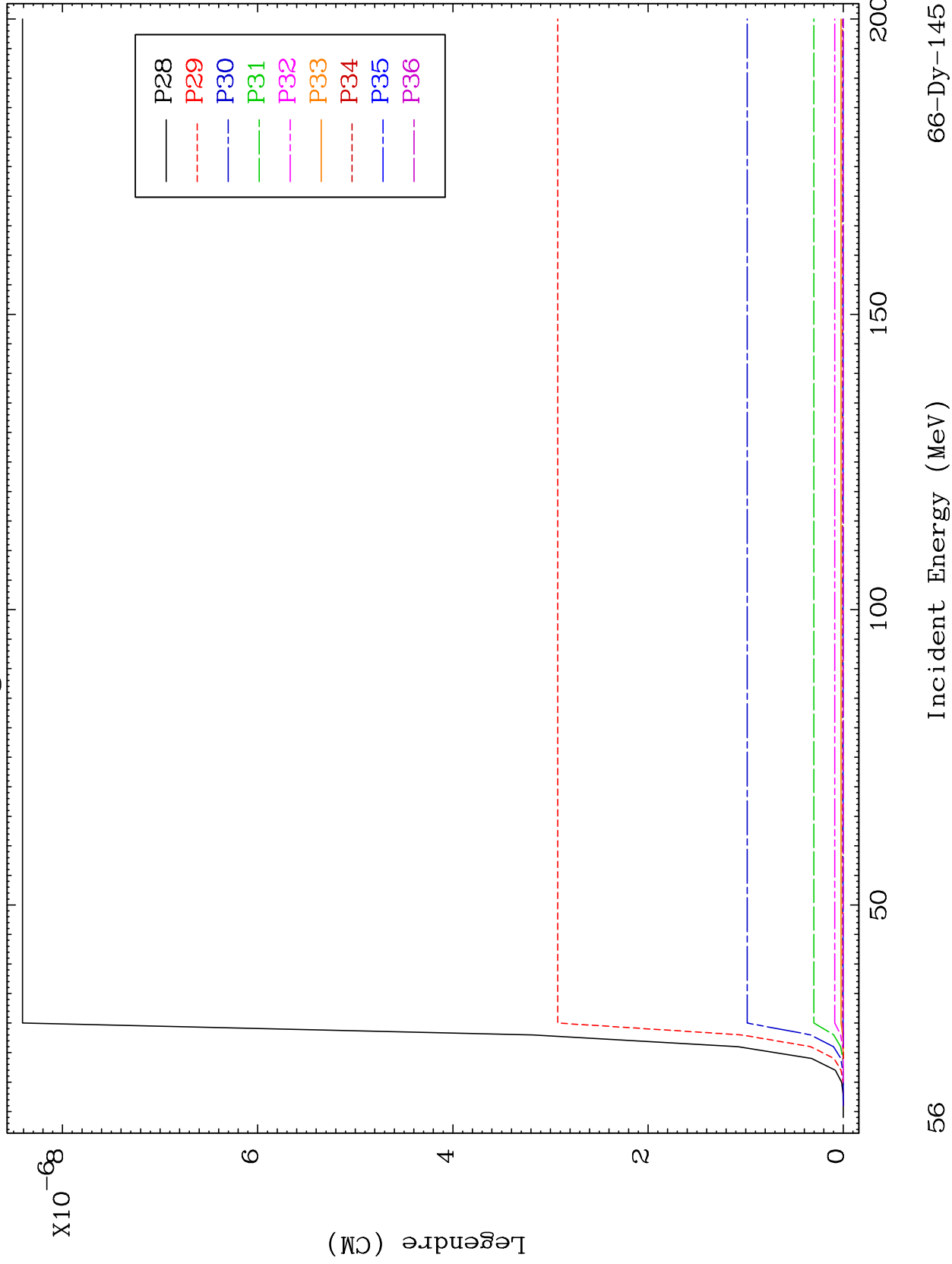
66-Dy-145



MAT 6592

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

66-Dy-145



56

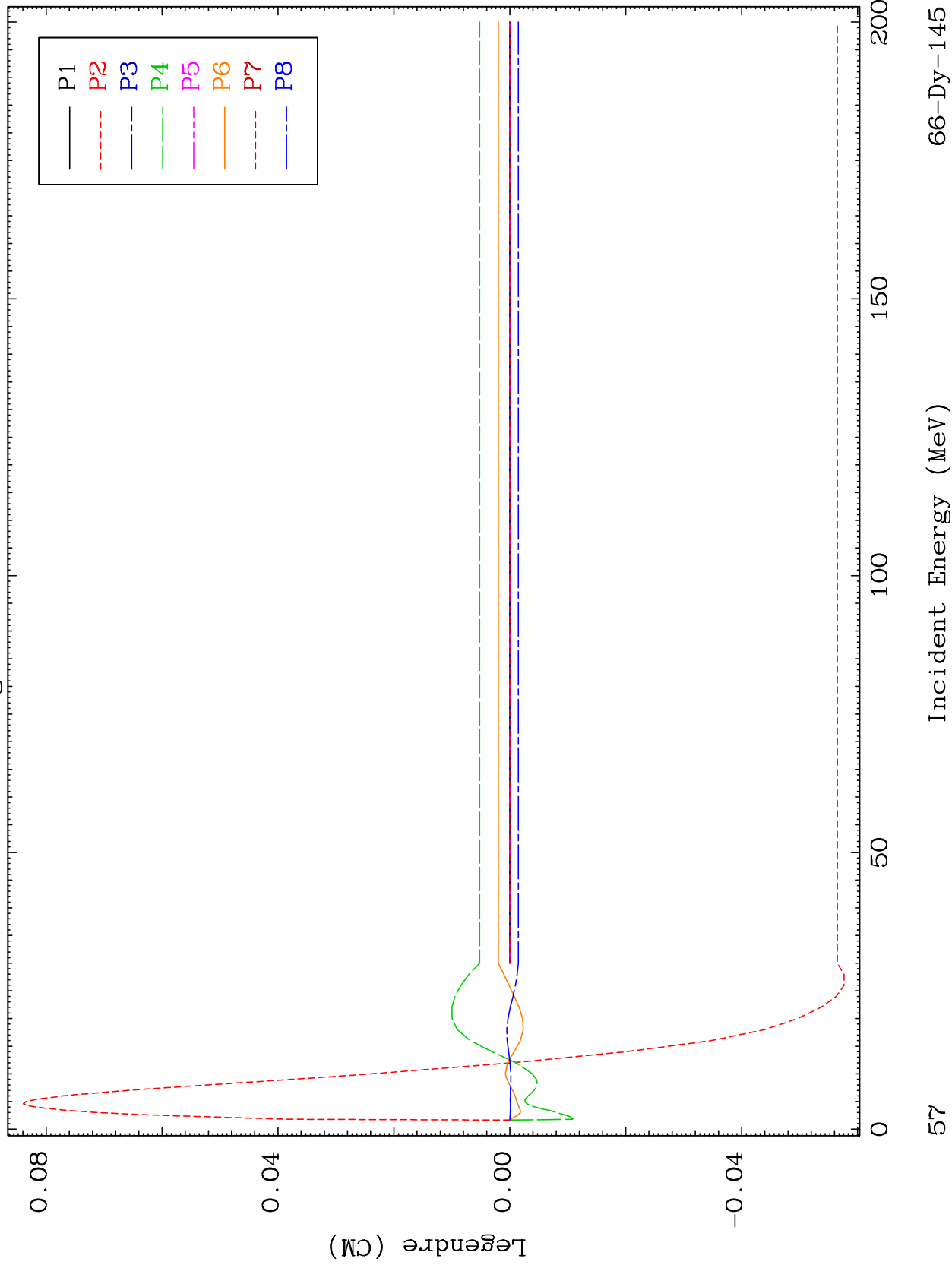
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

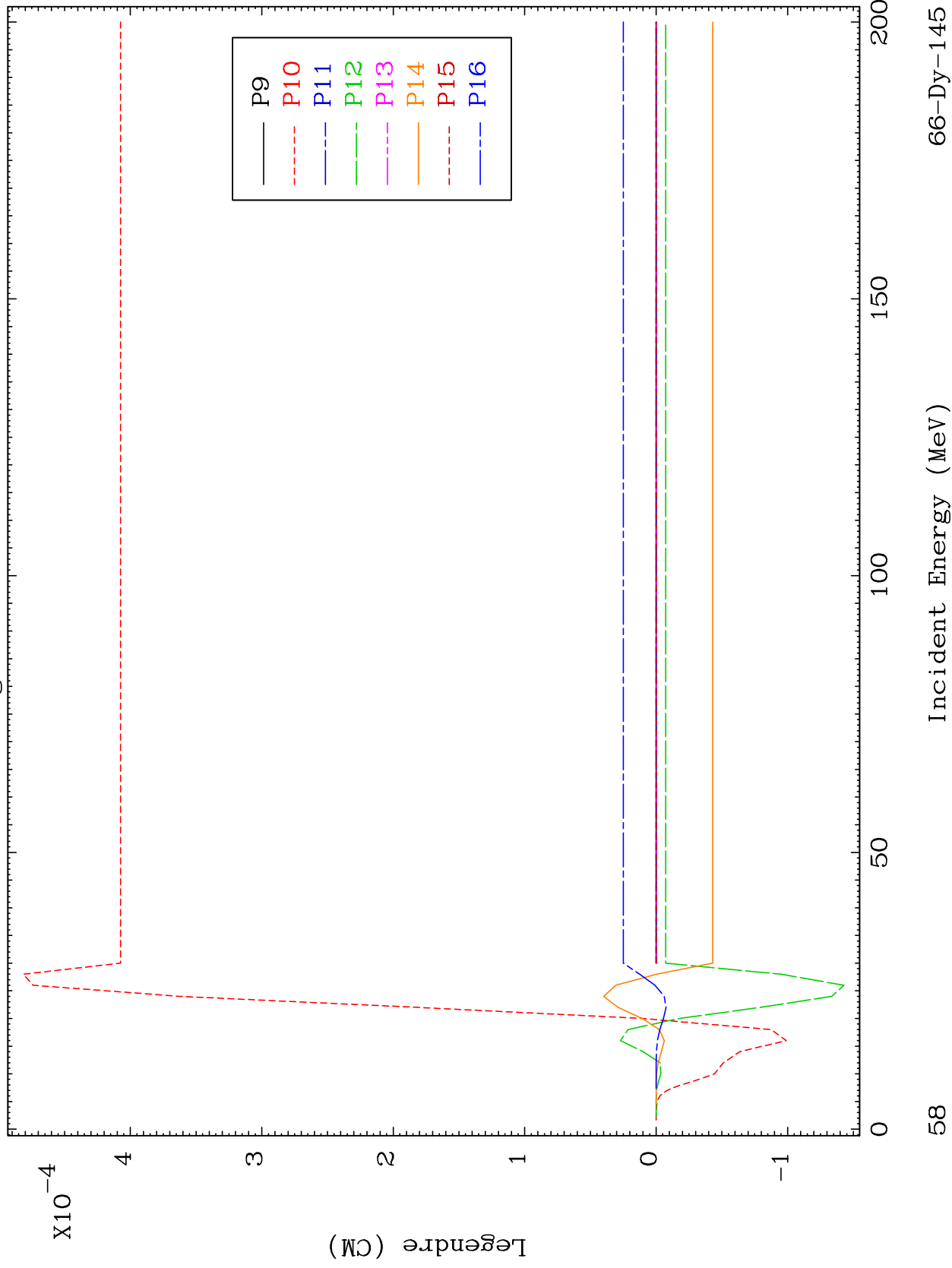
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MAT 6592

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

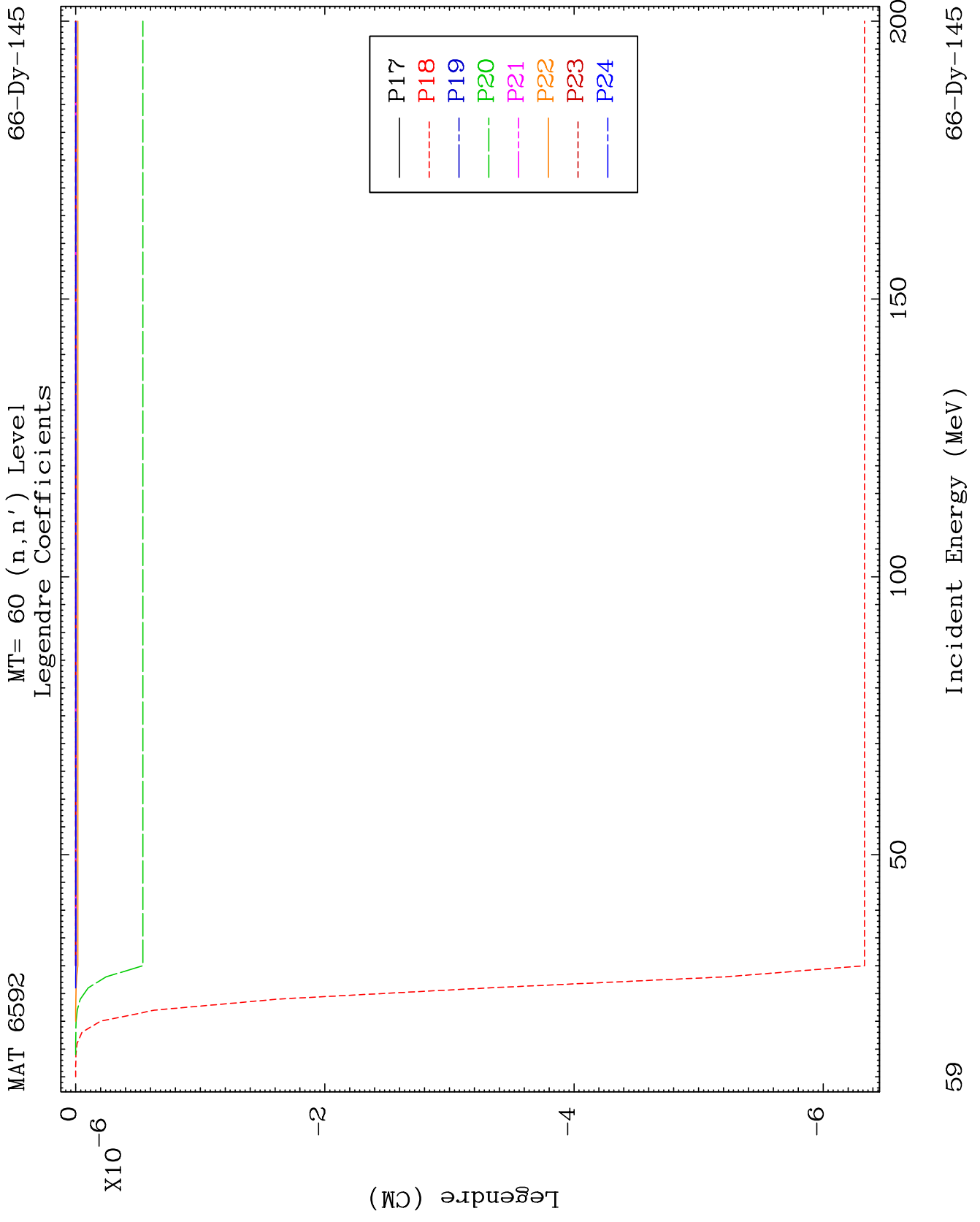
66-Dy-145



66-Dy-145

Incident Energy (MeV)

58

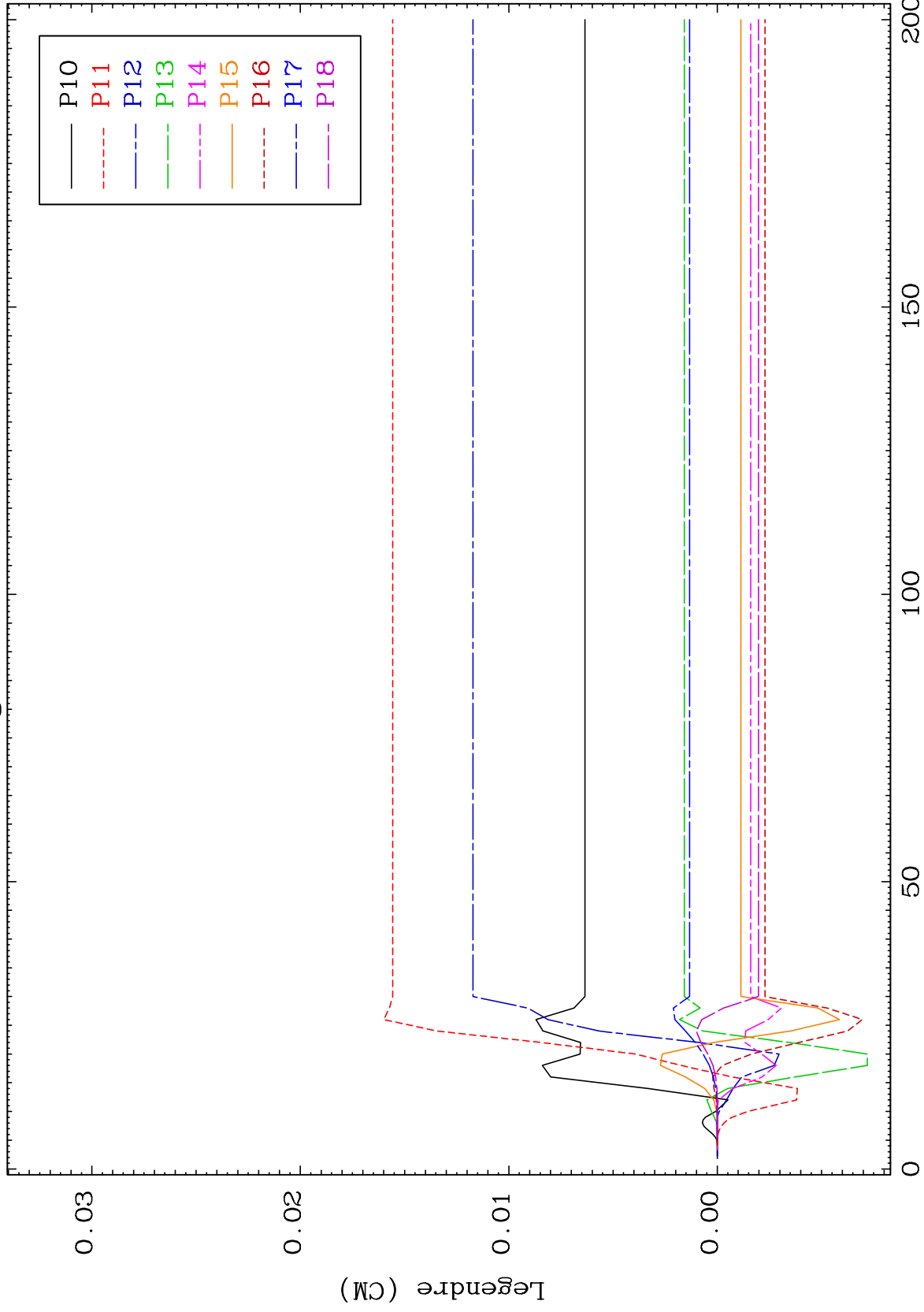




MAT 6592

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

66-Dy-145



61

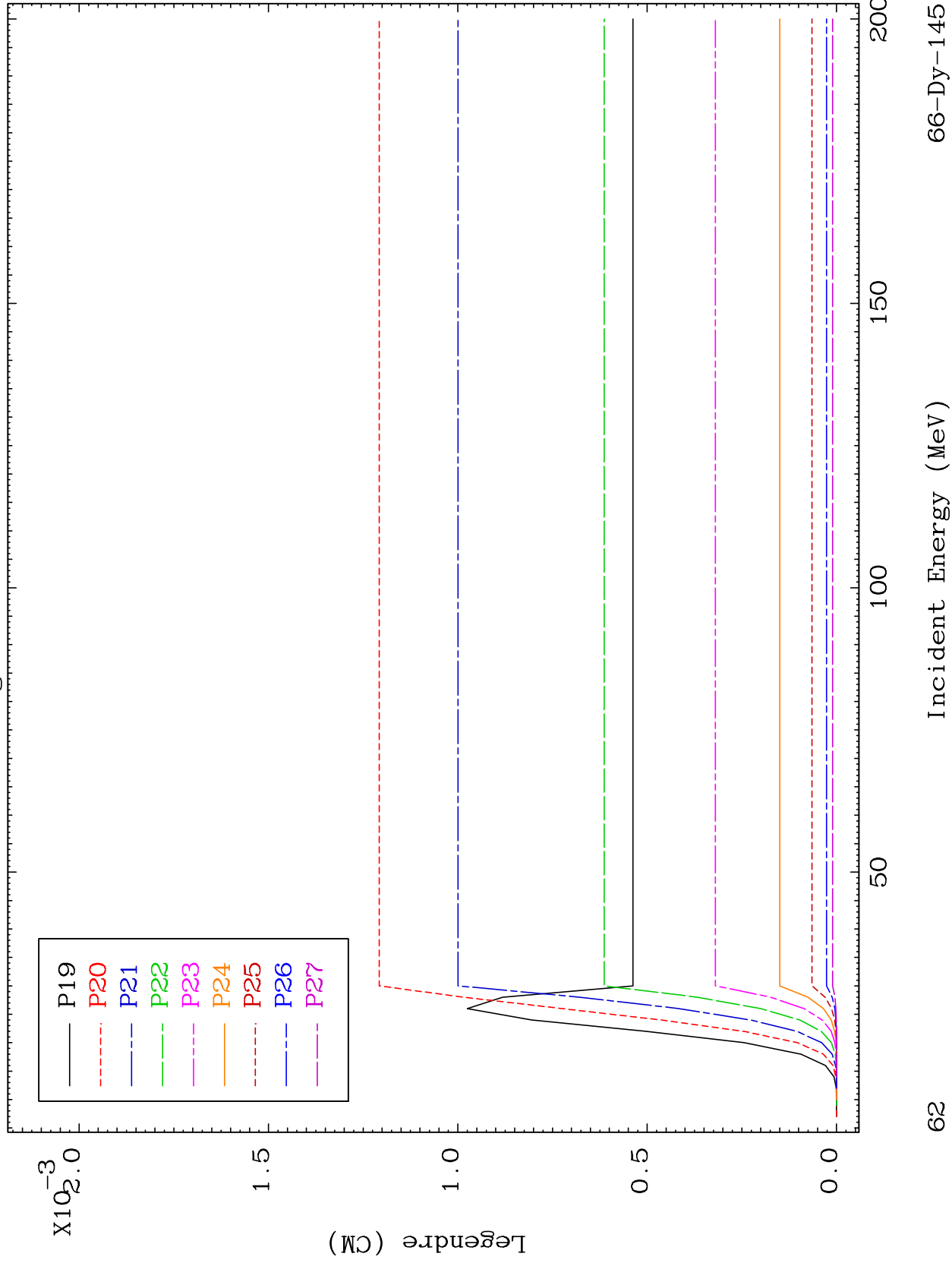
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145

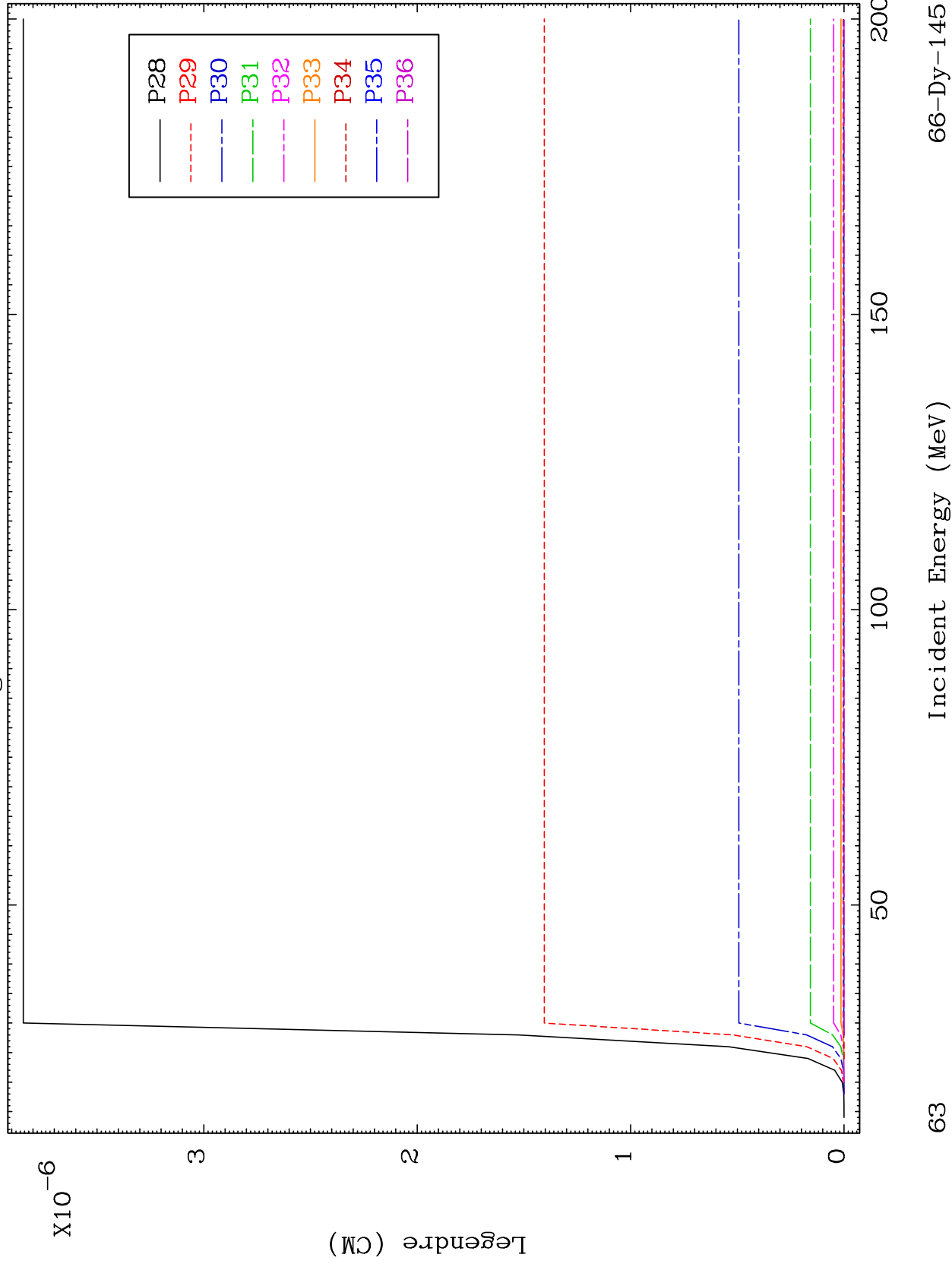


62

MAT 6592

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

66-Dy-145



63

Incident Energy (MeV)

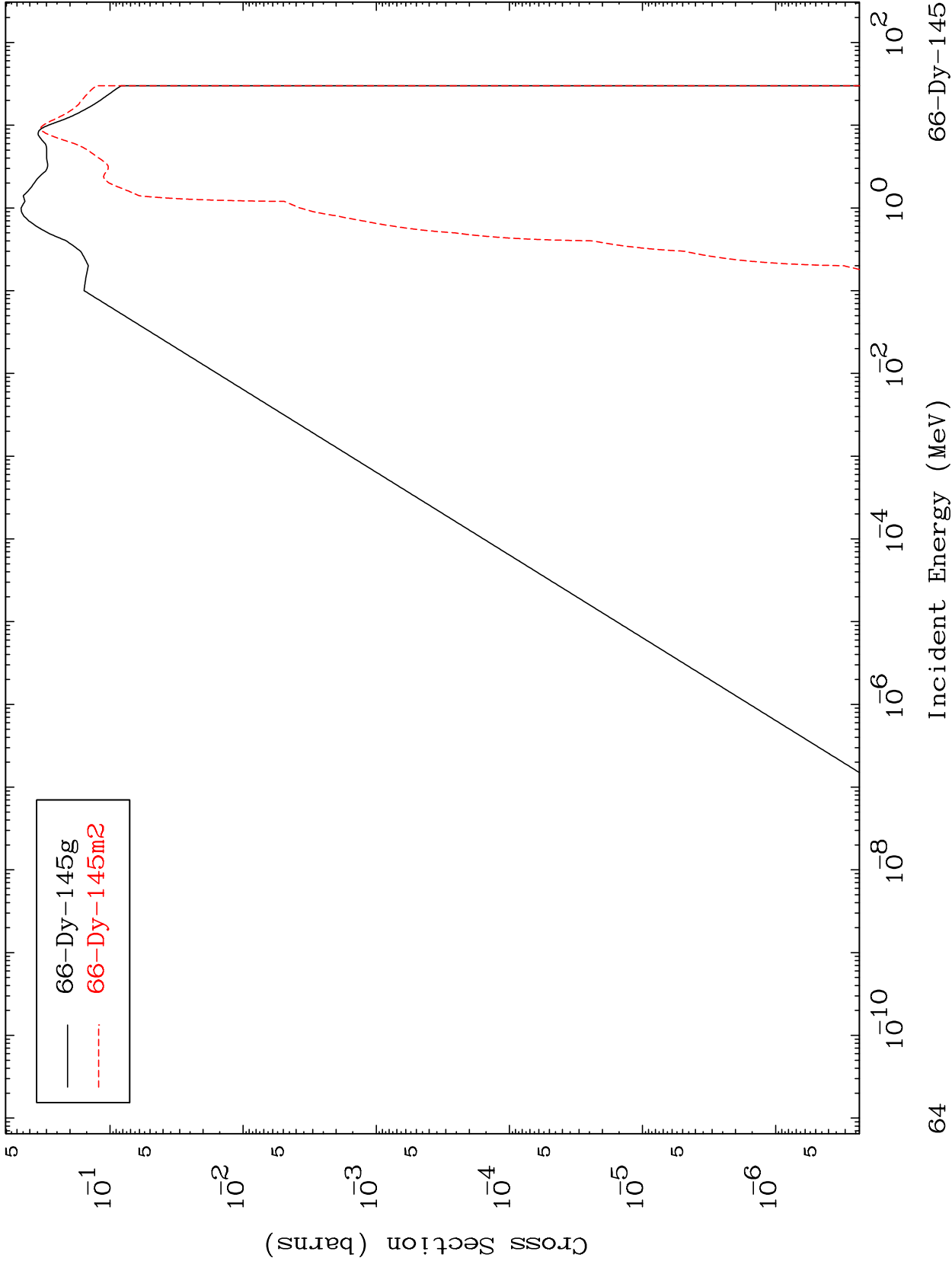
66-Dy-145



MAT 6592

### Radionuclide Production Cross Section

66-Dy-145



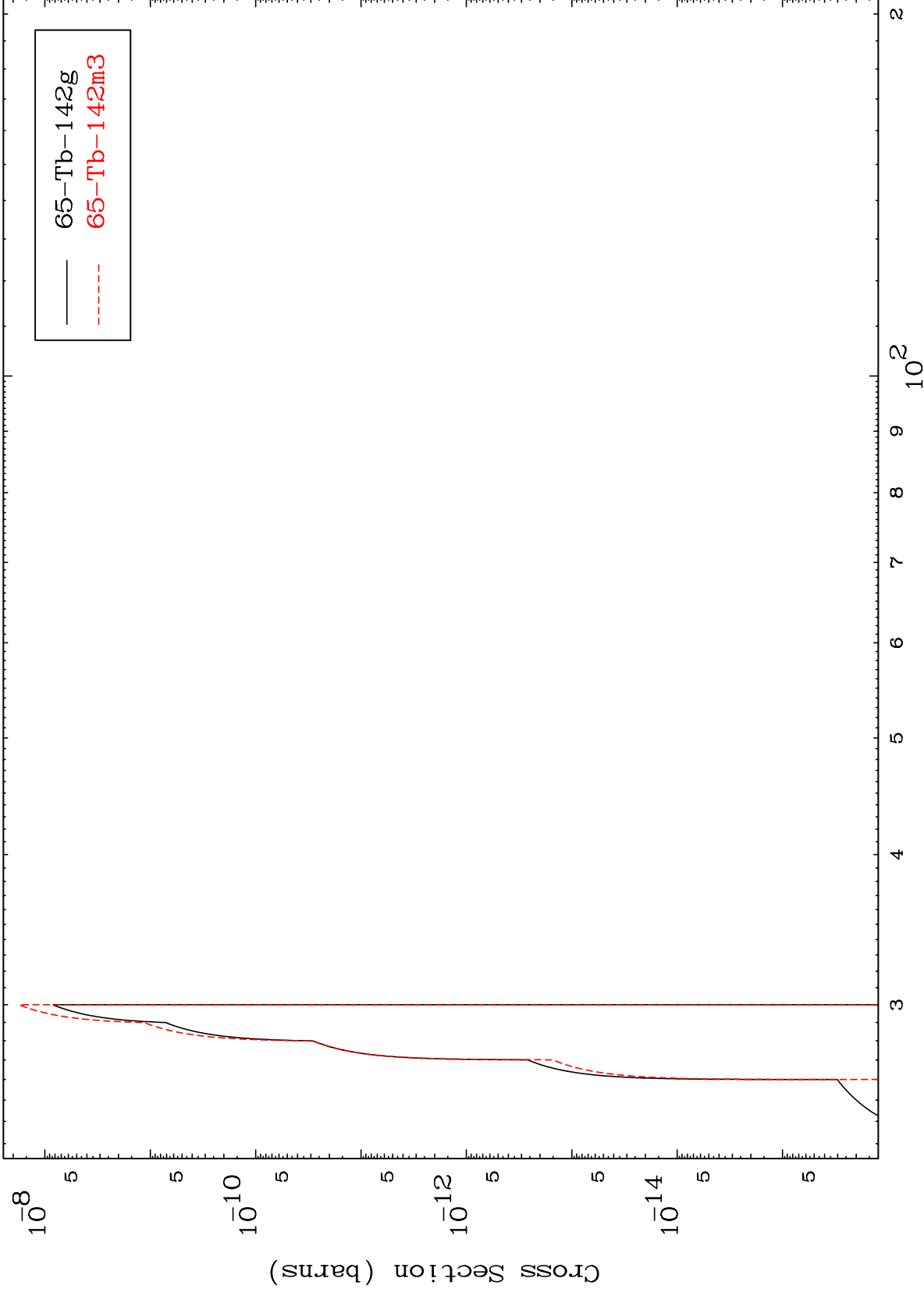
66-Dy-145g  
66-Dy-145m2

MAT 6592

(n,2n) d

66-Dy-145

Radionuclide Production Cross Section



65

Incident Energy (MeV)

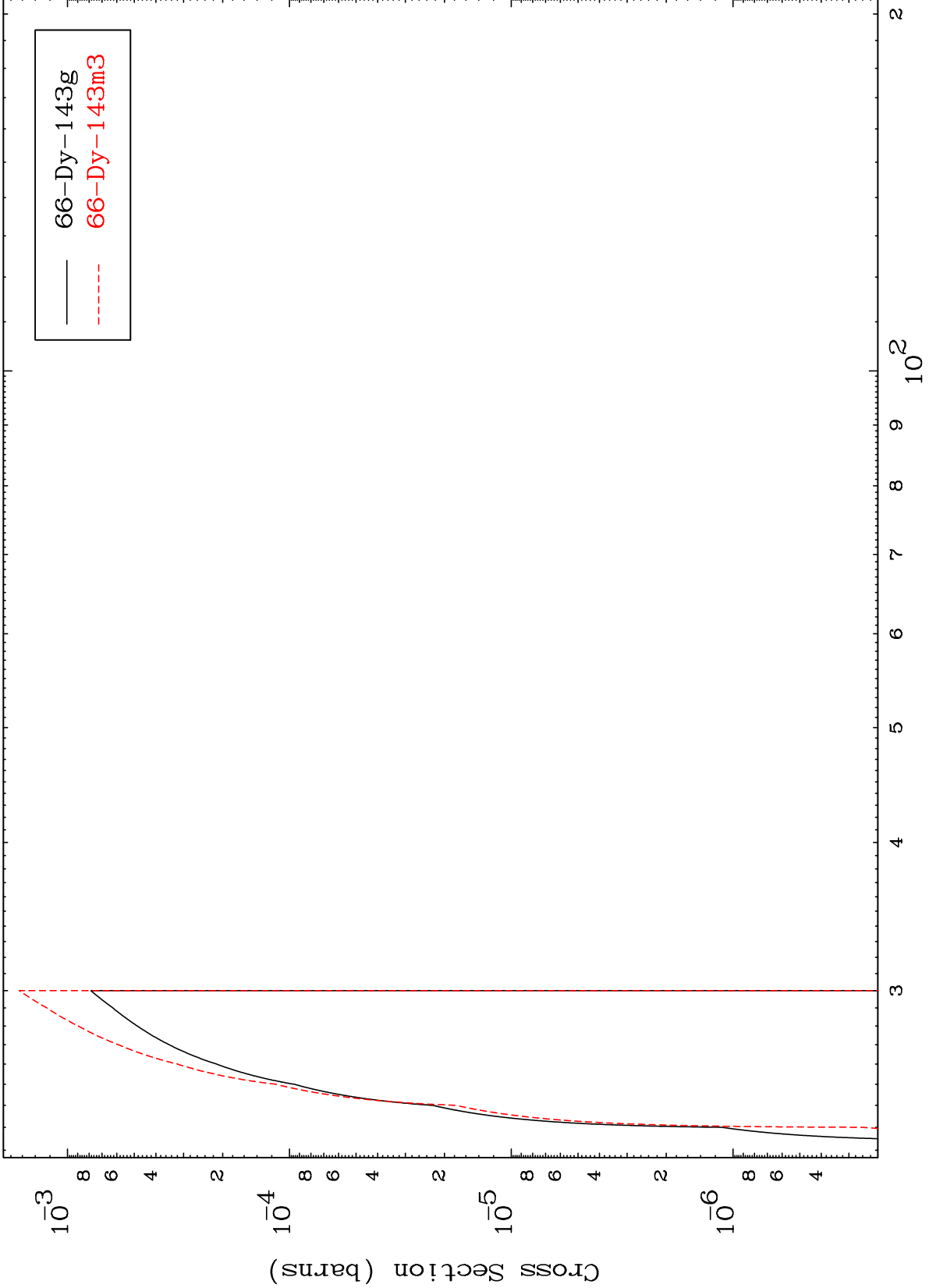
66-Dy-145

MAT 6592

(n,3n)

66-Dy-145

Radionuclide Production Cross Section



66

Incident Energy (MeV)

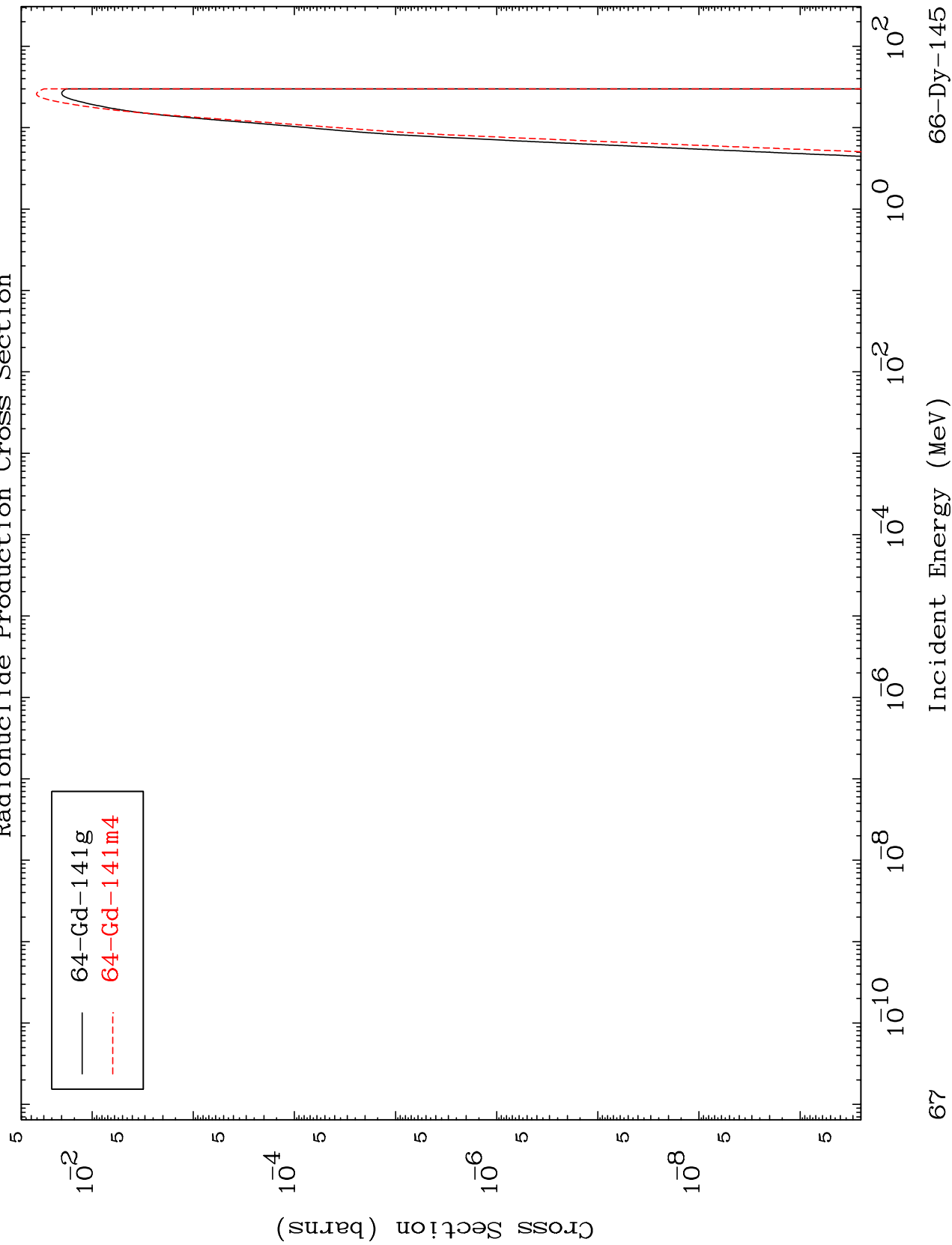
66-Dy-145

MAT 6592

$(n, n')$   $\alpha$

66-Dy-145

Radionuclide Production Cross Section



64-Gd-141g  
64-Gd-141m4

67

Incident Energy (MeV)

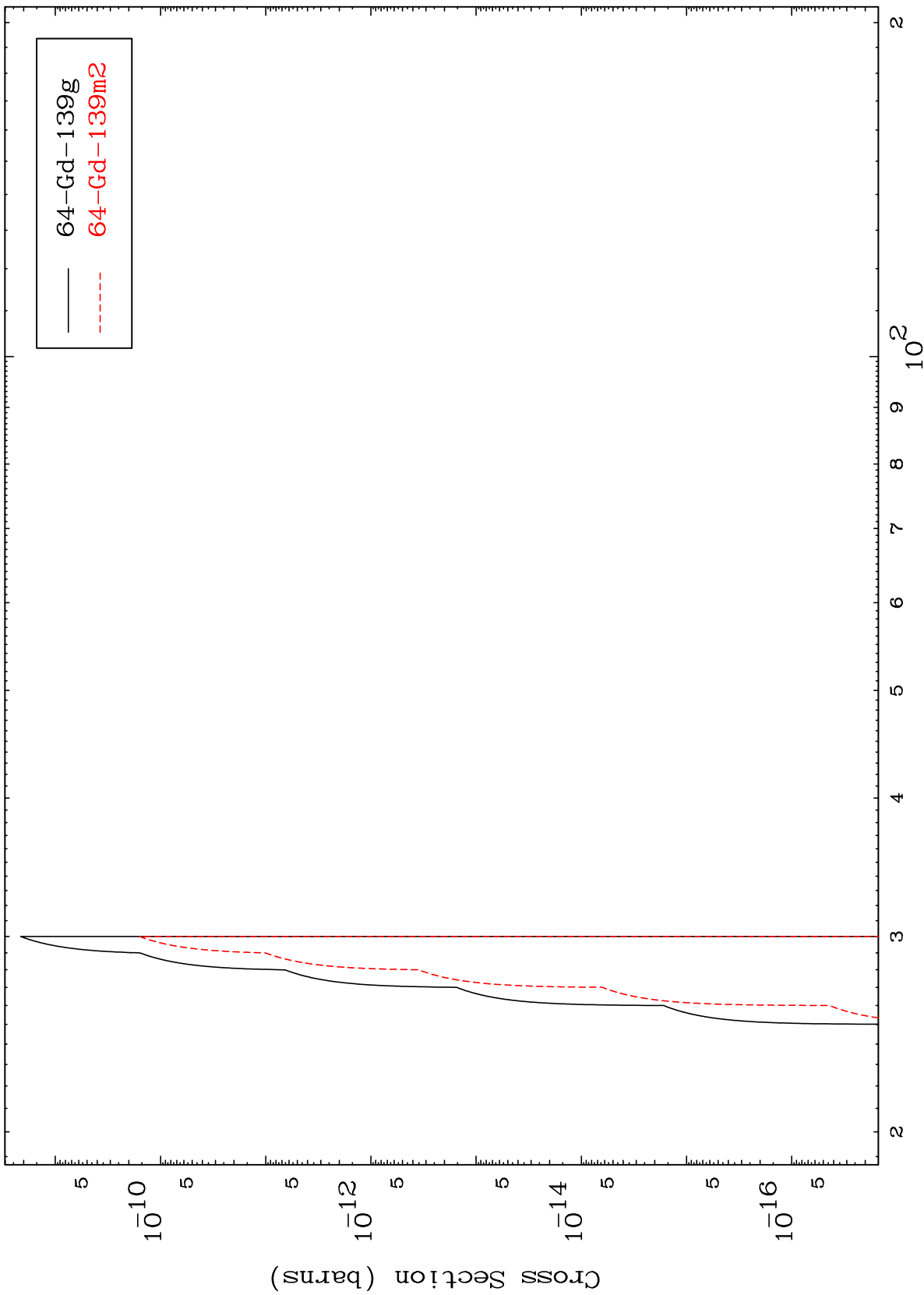
66-Dy-145

MAT 6592

(n,3n)  $\alpha$

66-Dy-145

Radionuclide Production Cross Section



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Incident Energy (MeV)

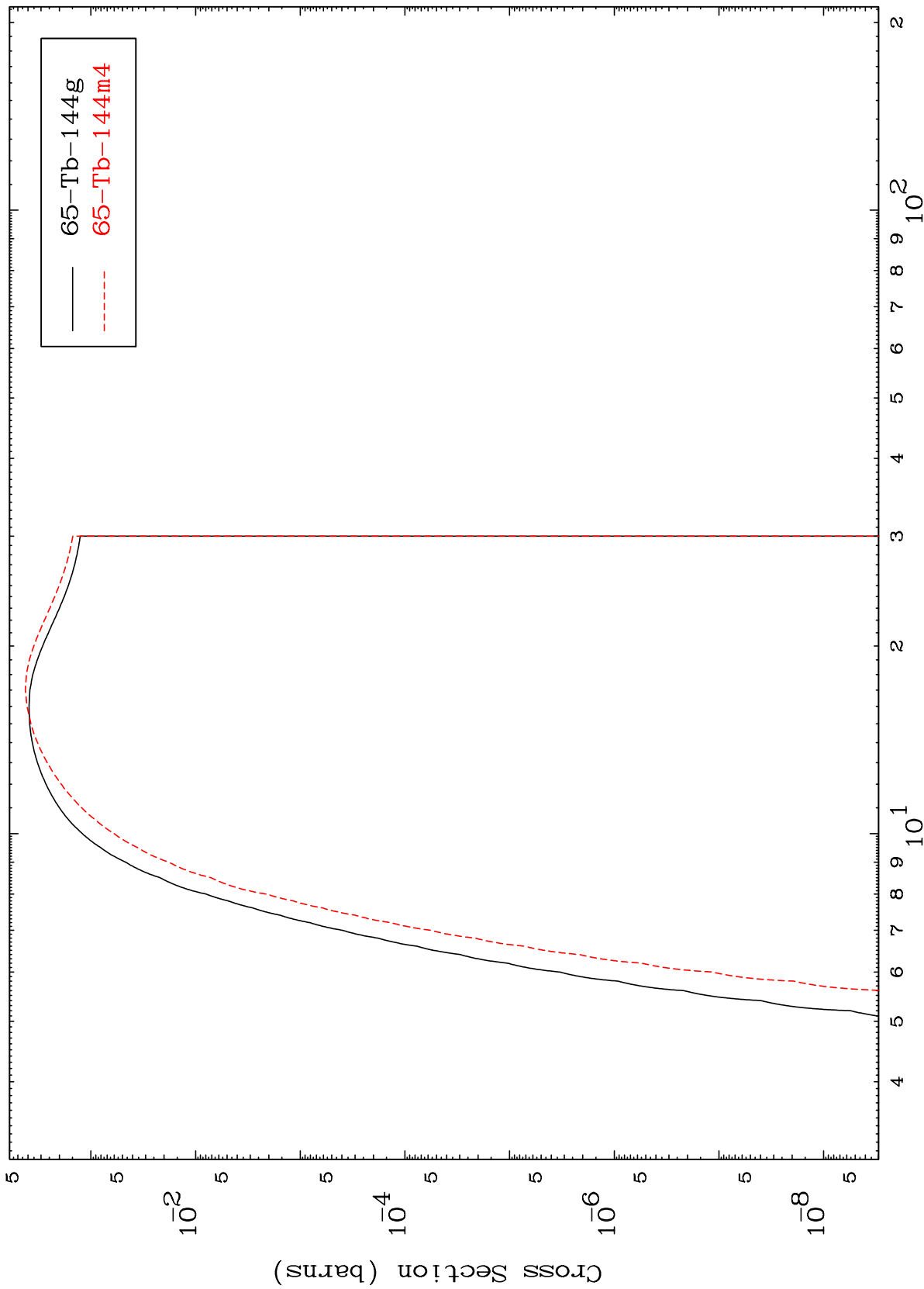
66-Dy-145

MAT 6592

$(n, n')$  p

66-Dy-145

Radionuclide Production Cross Section



69

Incident Energy (MeV)

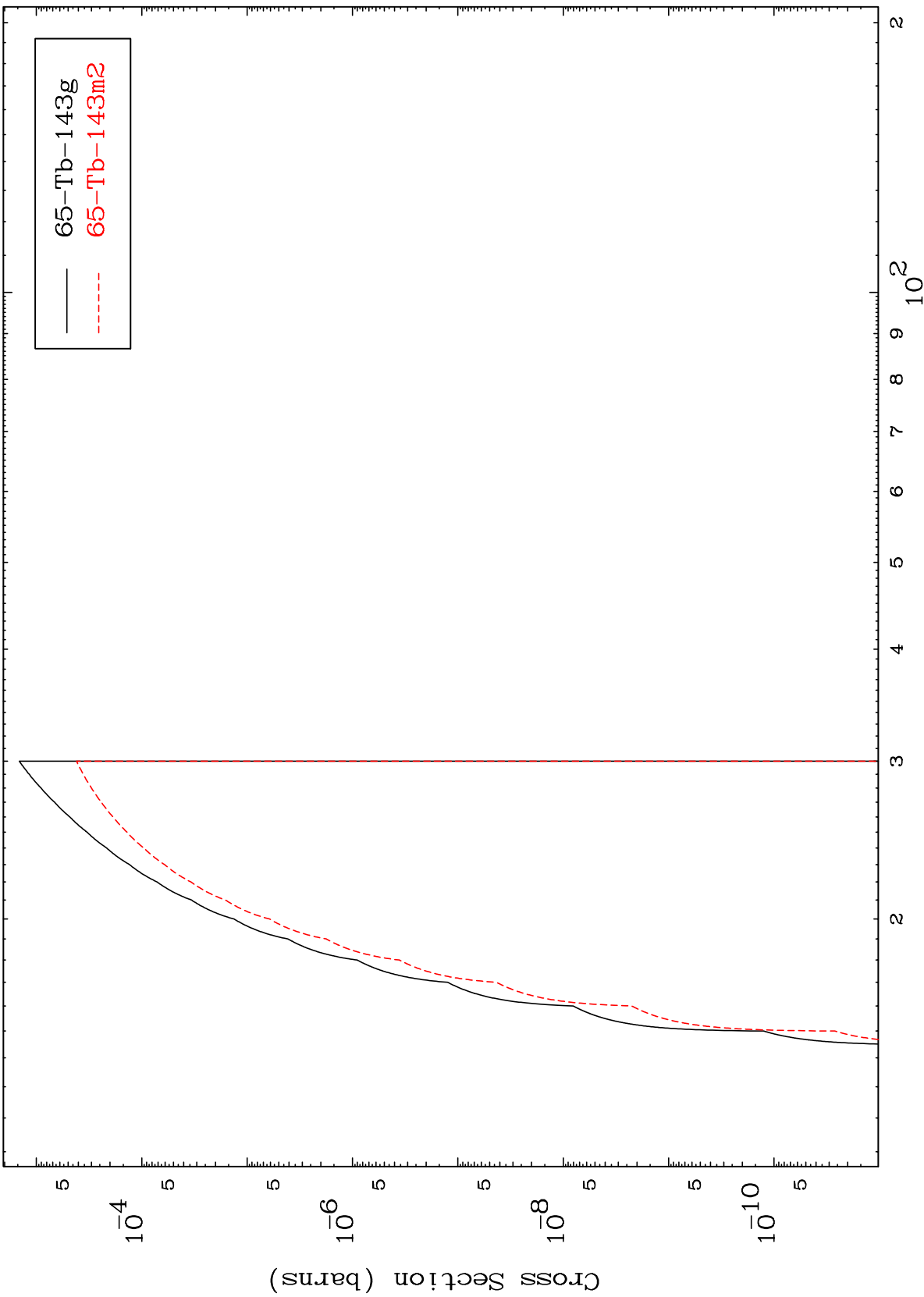
66-Dy-145

MAT 6592

(n,n') d

66-Dy-145

Radionuclide Production Cross Section



70

Incident Energy (MeV)

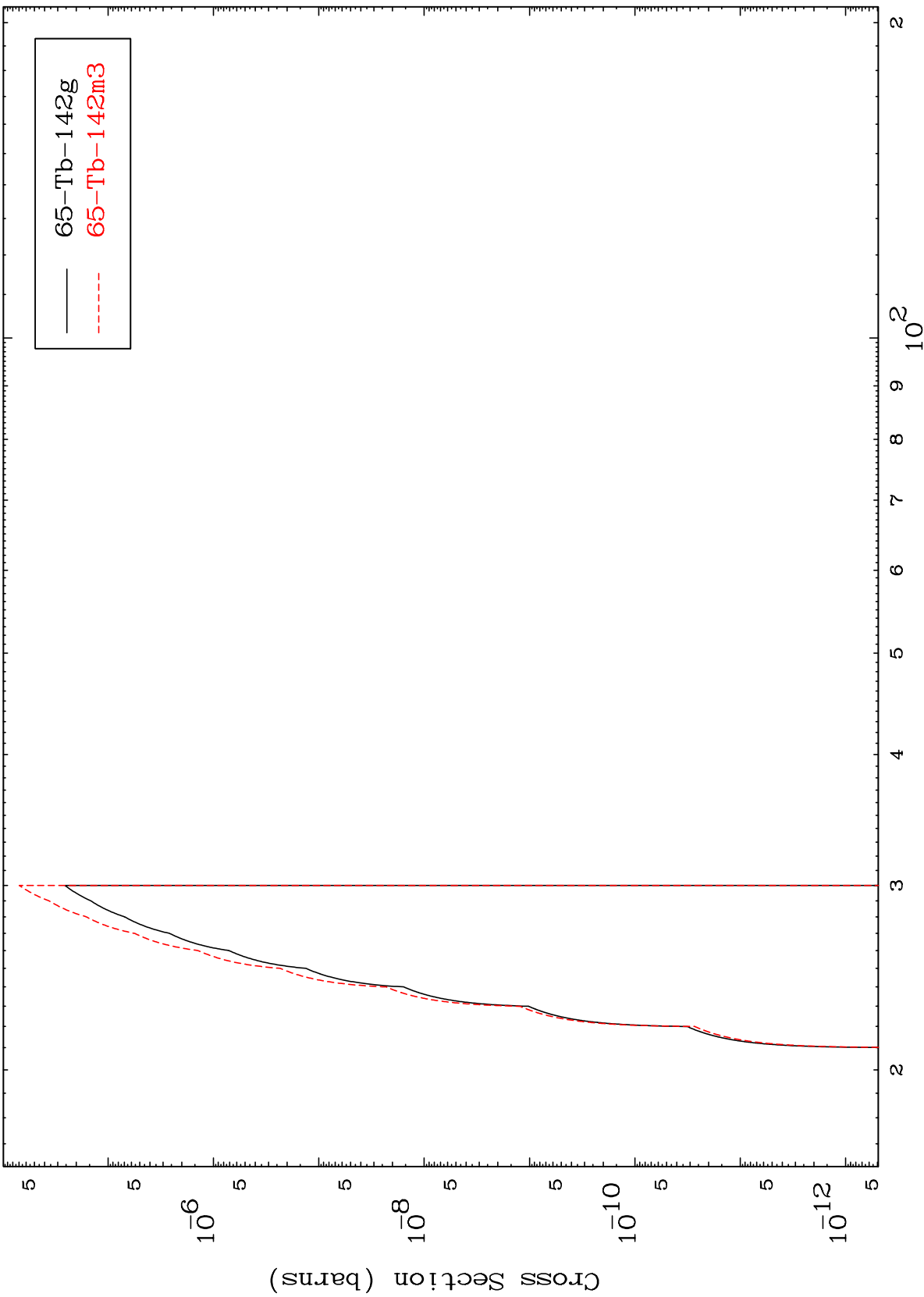
66-Dy-145

MAT 6592

(n,n') t

66-Dy-145

Radionuclide Production Cross Section



71

Incident Energy (MeV)

66-Dy-145

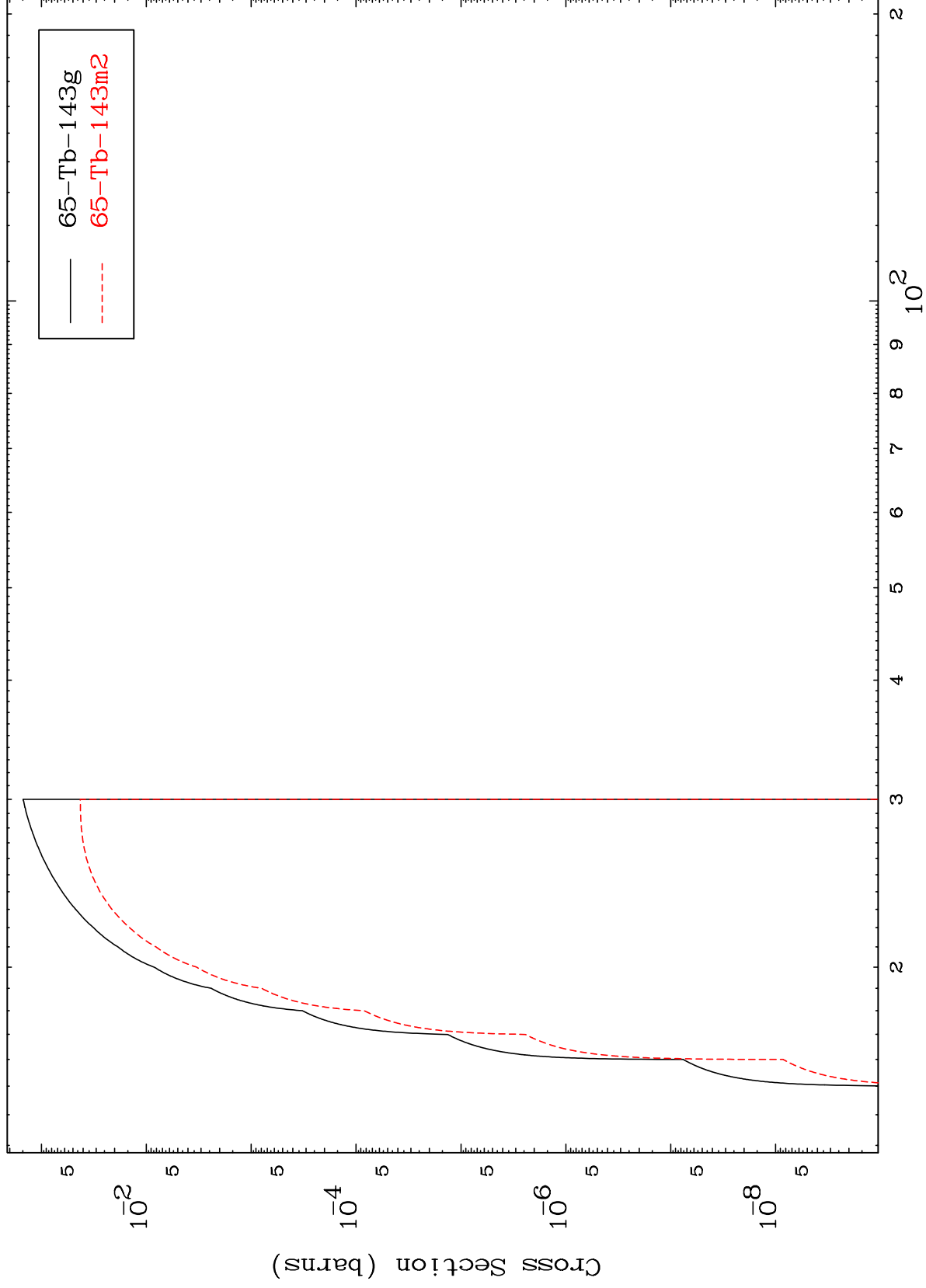


MAT 6592

(n,2n) p

66-Dy-145

Radionuclide Production Cross Section



72

Incident Energy (MeV)

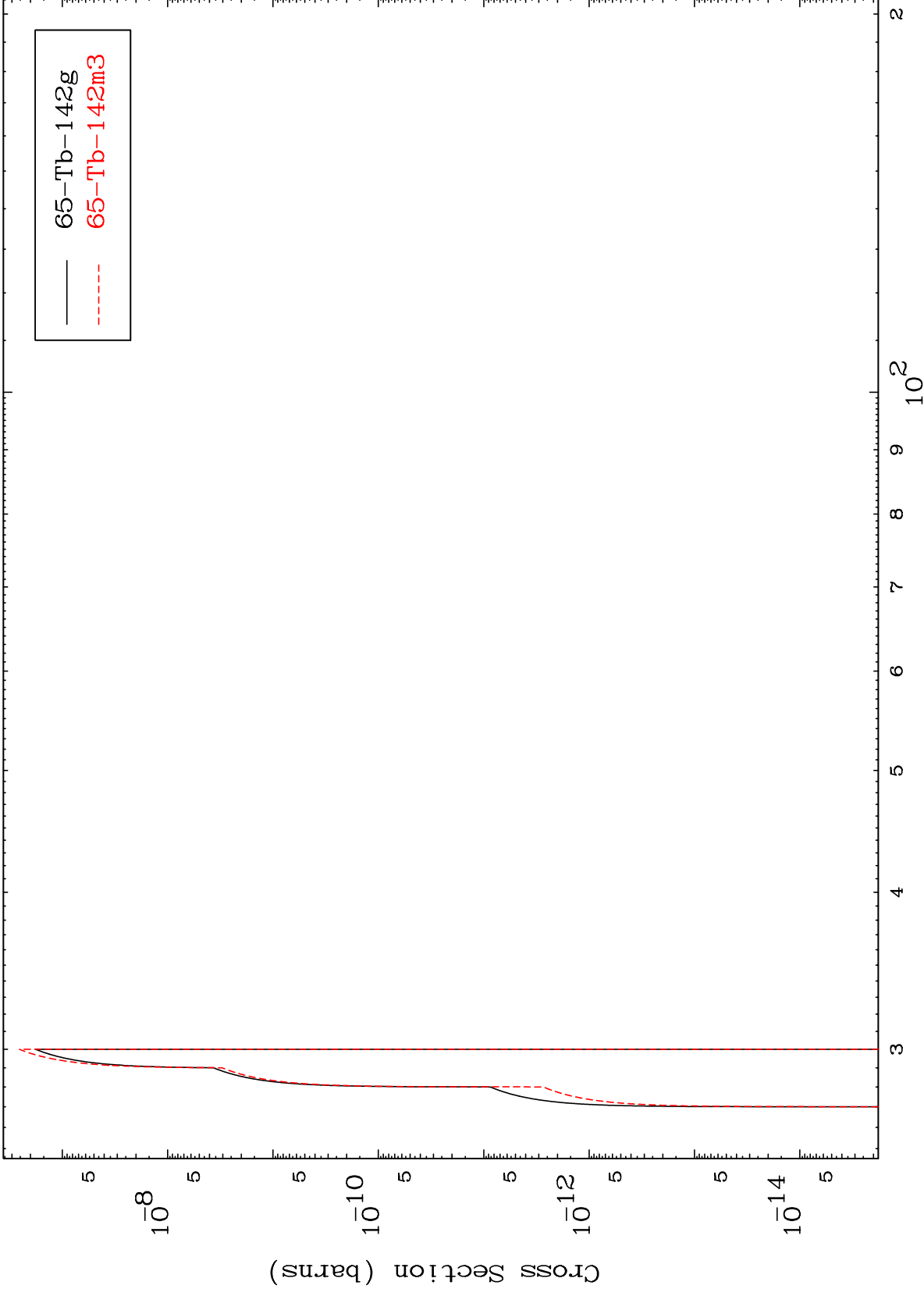
66-Dy-145

MAT 6592

(n,3n) p

66-Dy-145

Radionuclide Production Cross Section



73

Incident Energy (MeV)

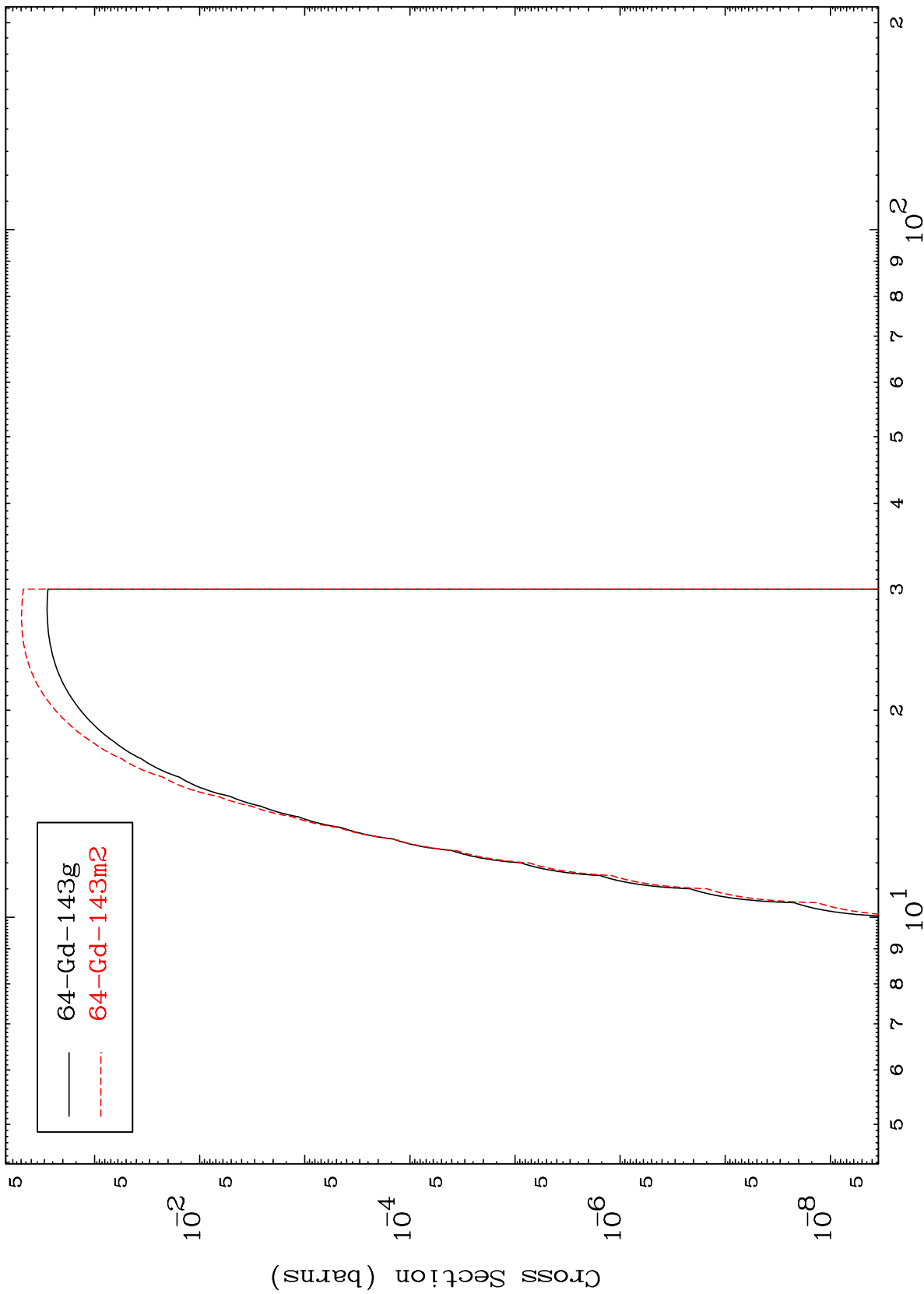
66-Dy-145

MAT 6592

(n,2n) p

66-Dy-145

Radionuclide Production Cross Section



74

Incident Energy (MeV)

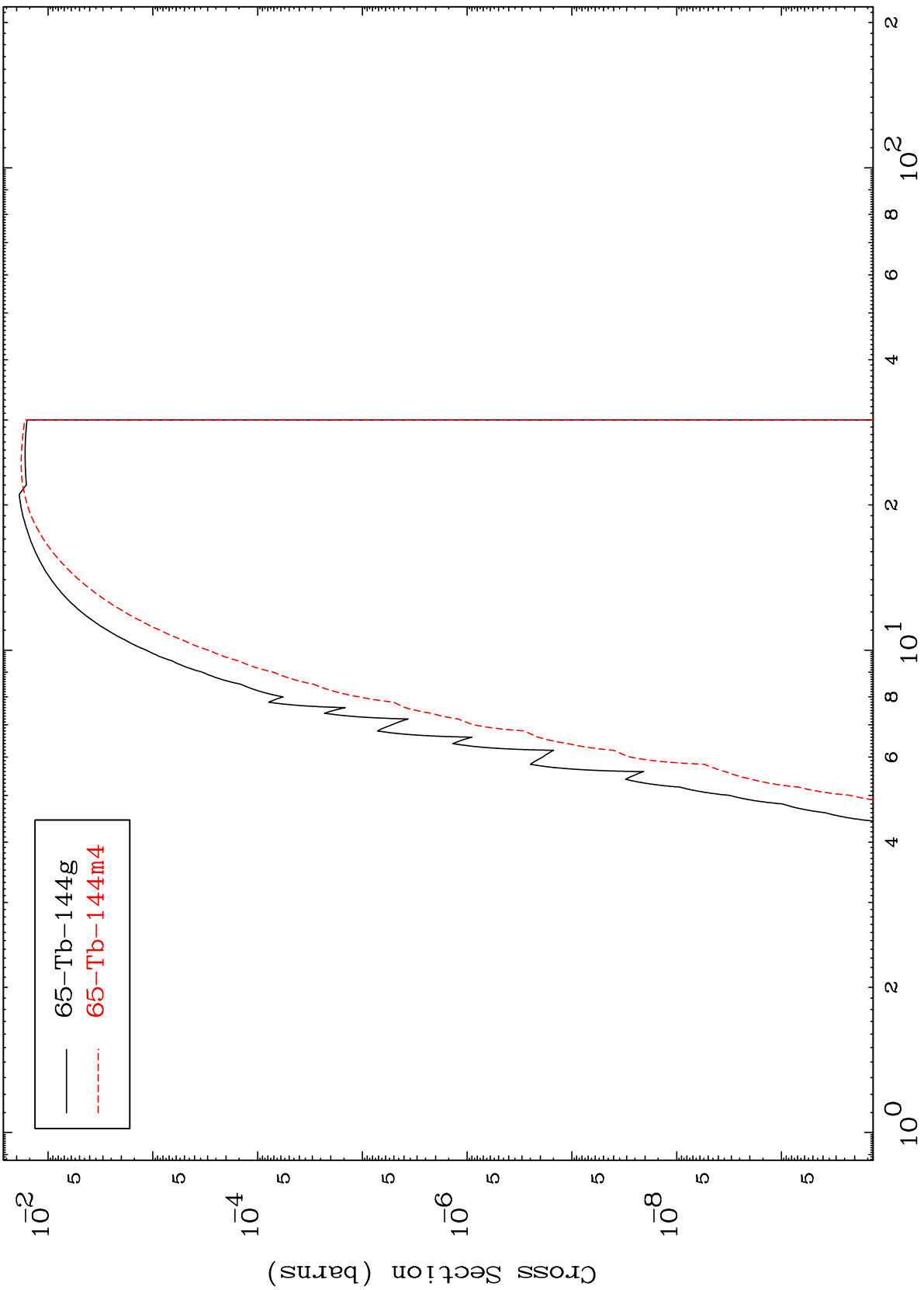
66-Dy-145

MAT 6592

(n,d)

66-Dy-145

Radionuclide Production Cross Section



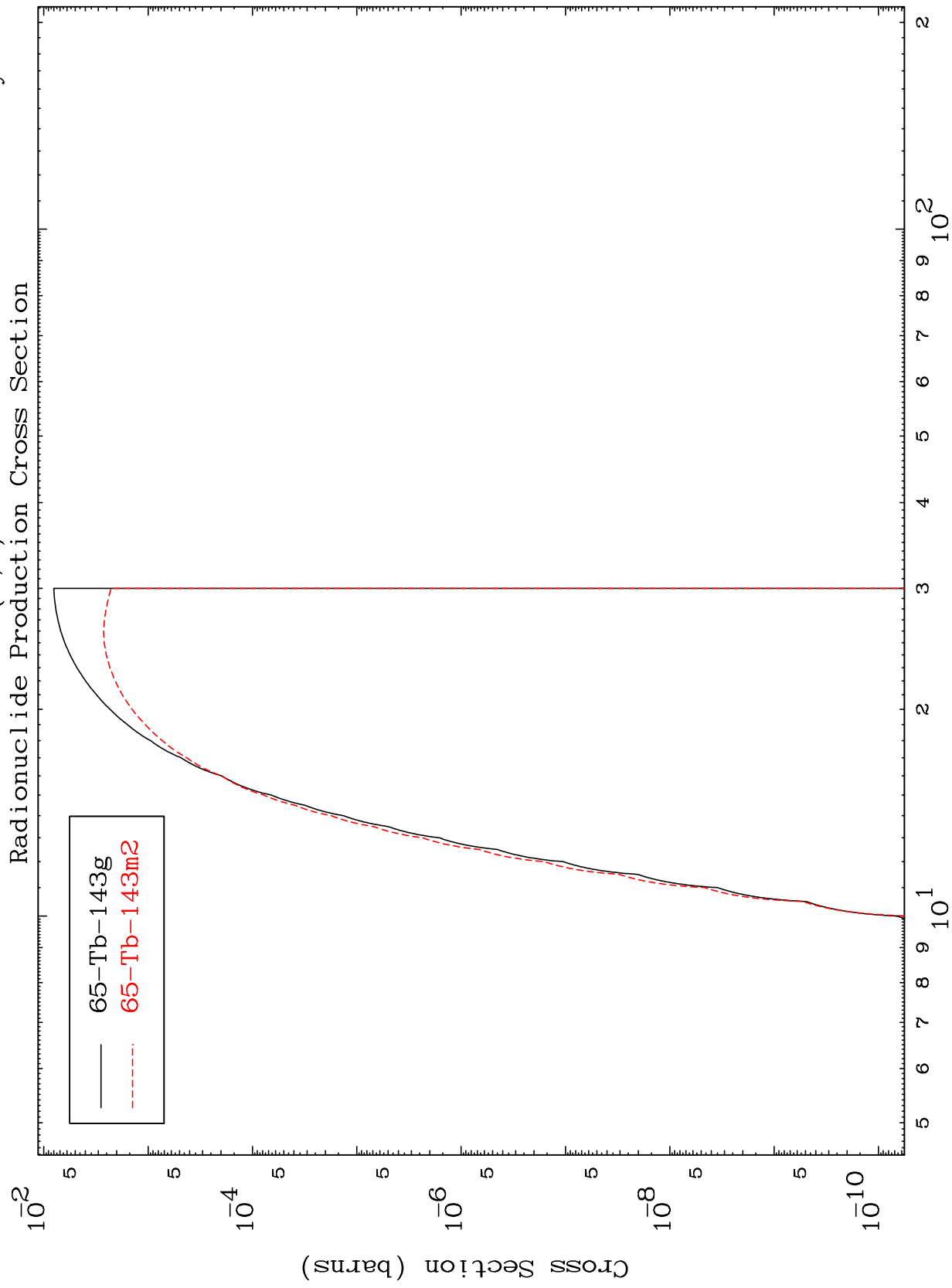
Incident Energy (MeV)

66-Dy-145

75

MAT 6592

66-Dy-145



76

Incident Energy (MeV)

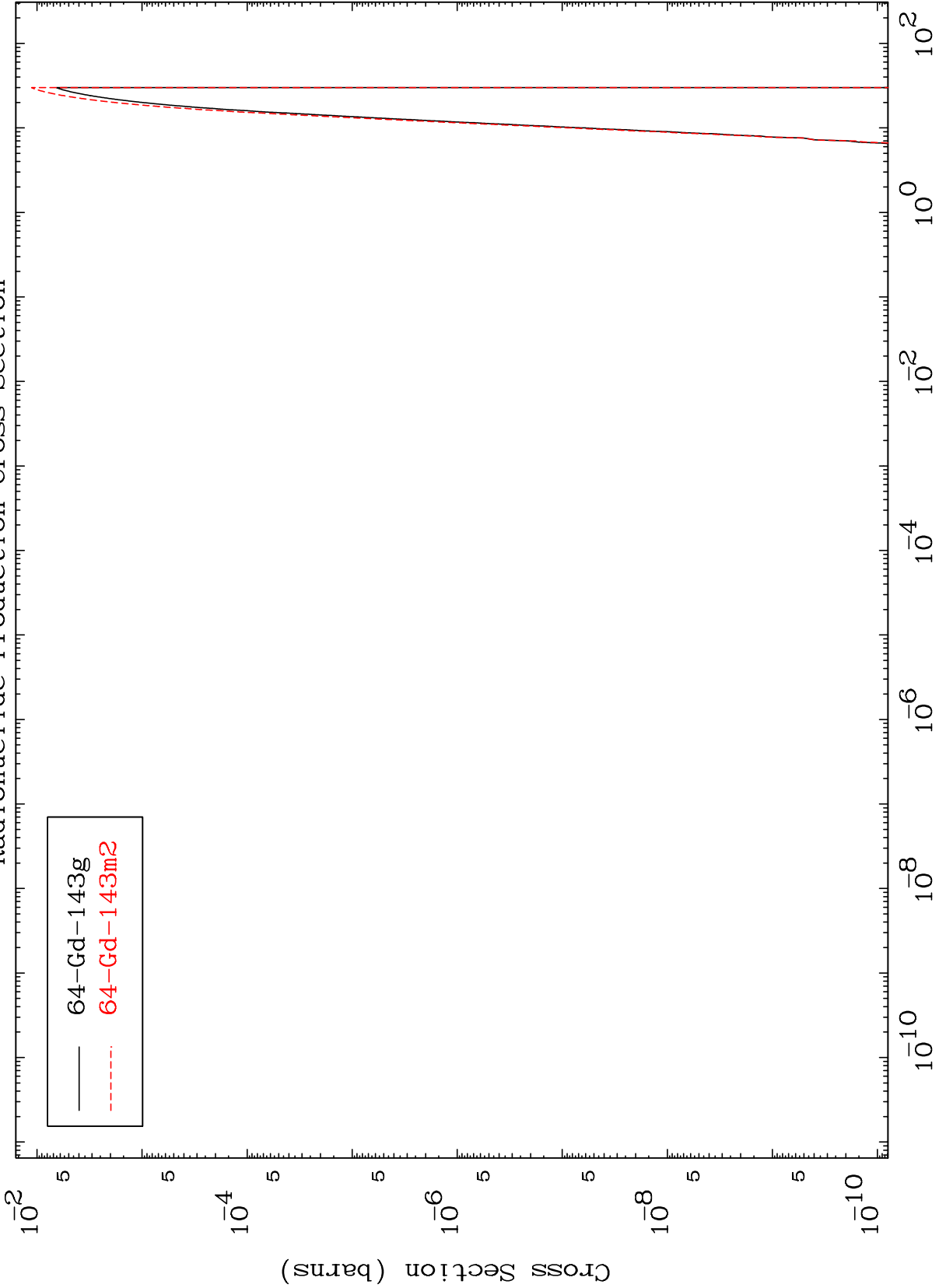
66-Dy-145

MAT 6592

(n,He-3)

66-Dy-145

Radionuclide Production Cross Section

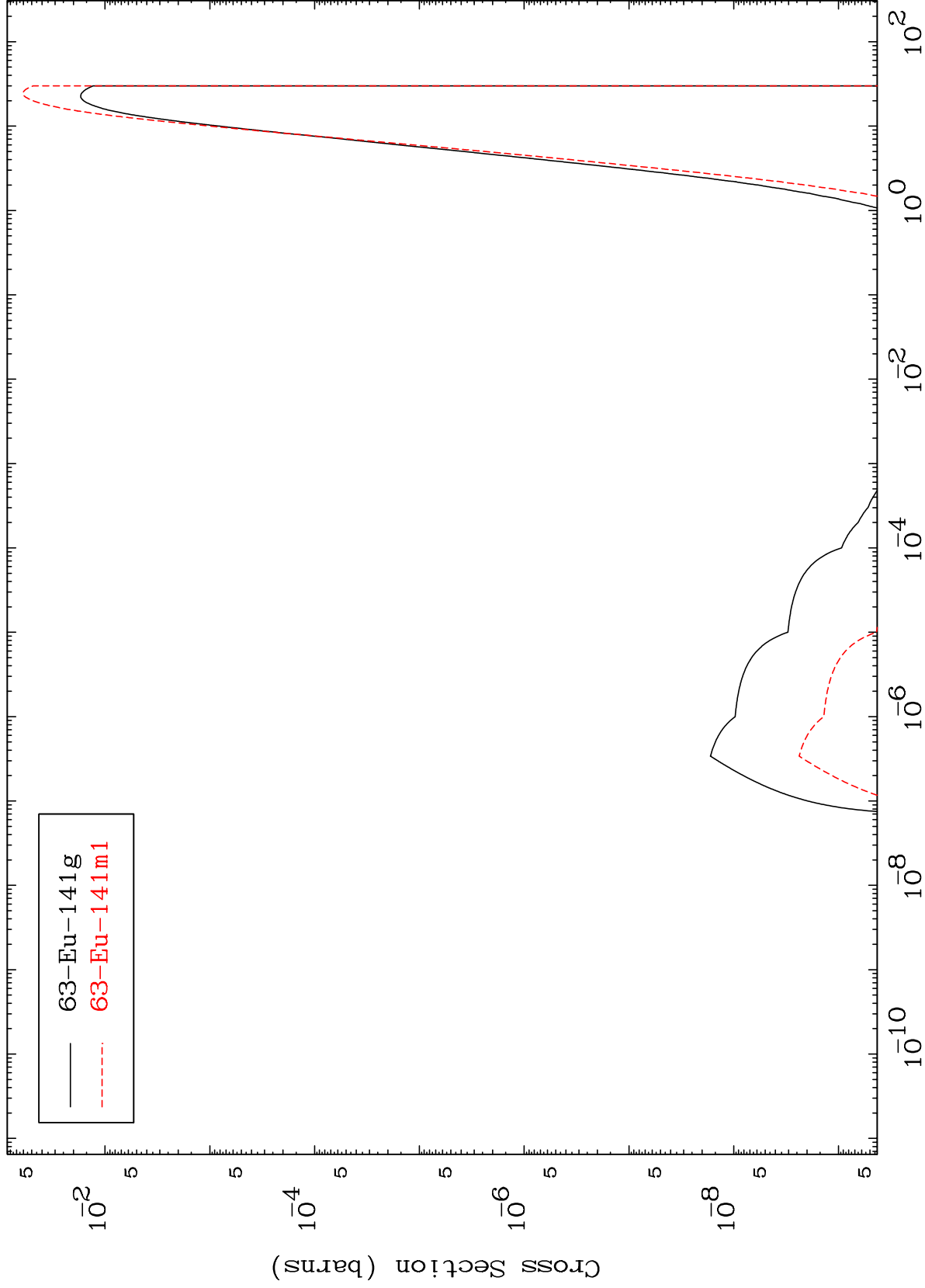


MAT 6592

(n,p)  $\alpha$

66-Dy-145

Radionuclide Production Cross Section



78

Incident Energy (MeV)

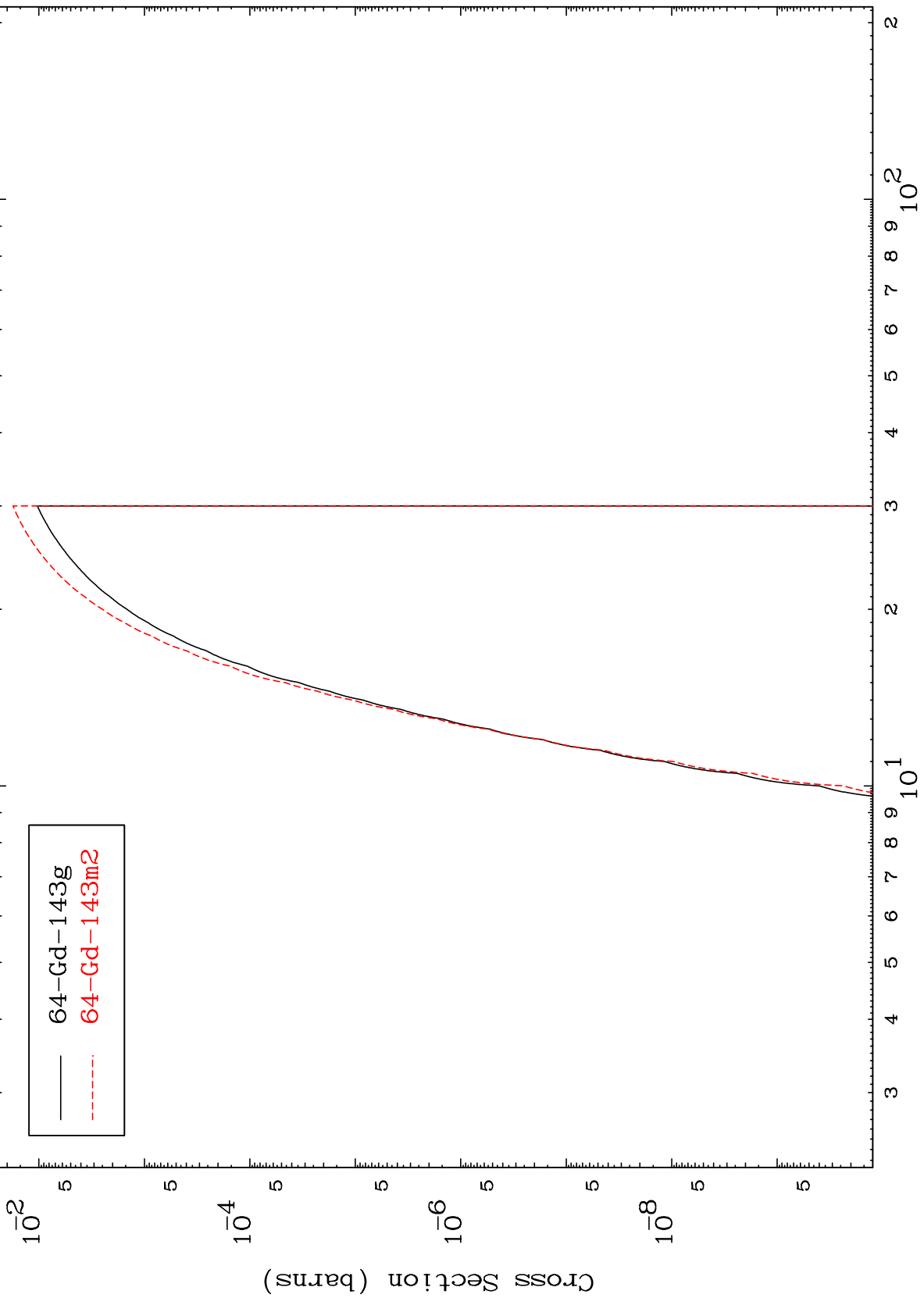
66-Dy-145

MAT 6592

(n,p) d

66-Dy-145

Radionuclide Production Cross Section



79

Incident Energy (MeV)

66-Dy-145