

Program EVALPLOT  
(Version 2015-2)

by

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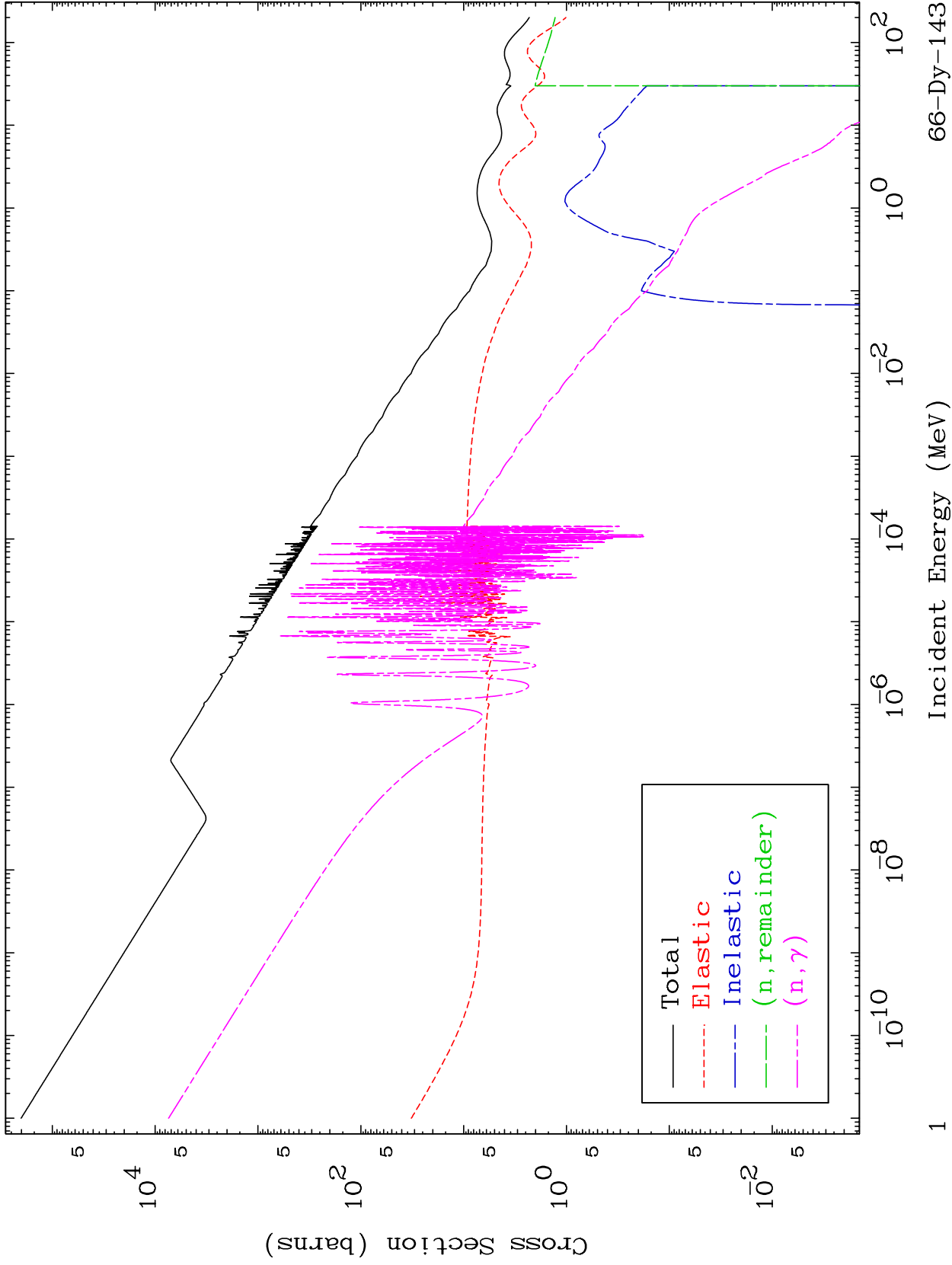
Press Mouse Button to Start

MAT 6586

Major

293 Kelvin Cross Sections

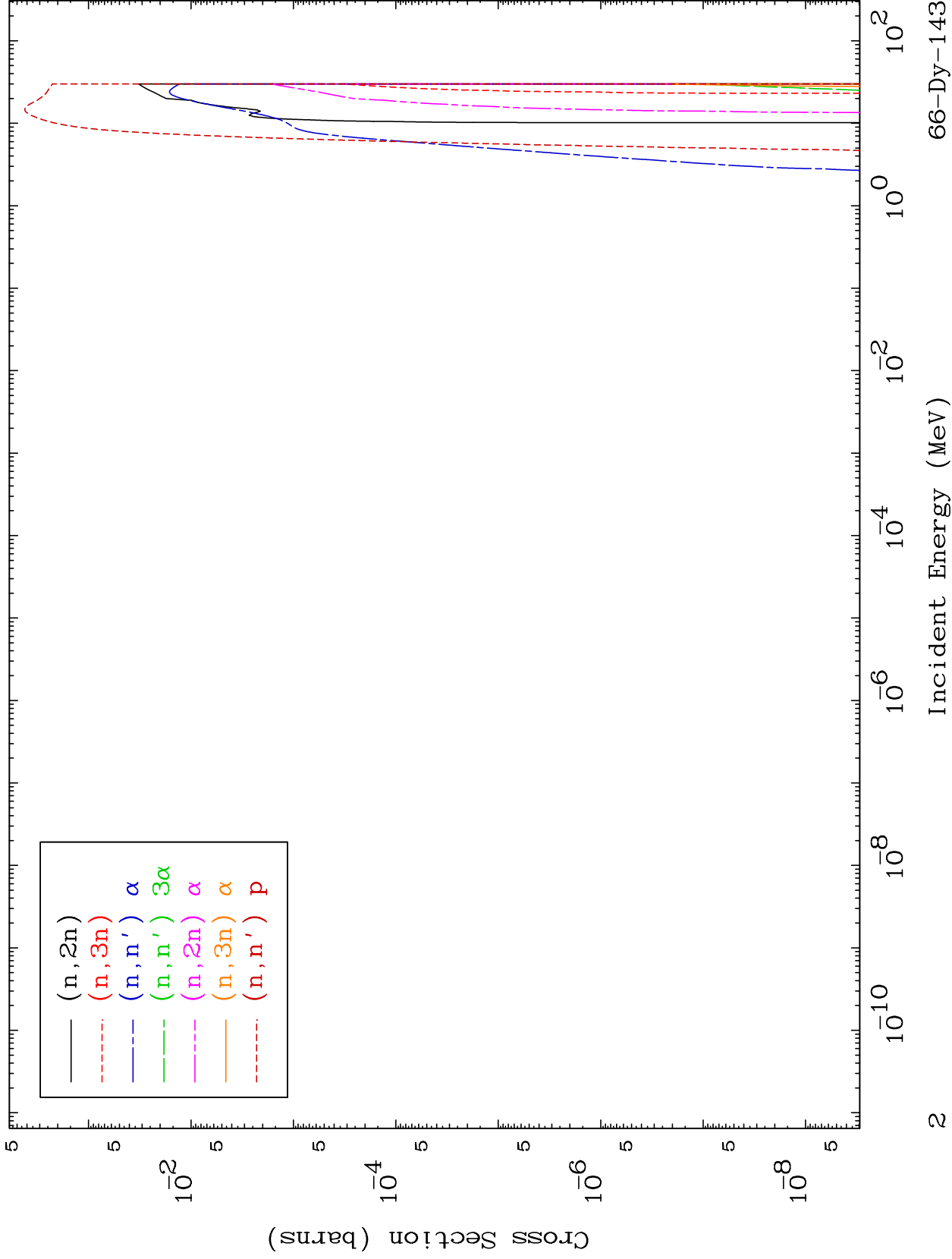
66-Dy-143



MAT 6586

Neutron Production  
293 Kelvin Cross Sections

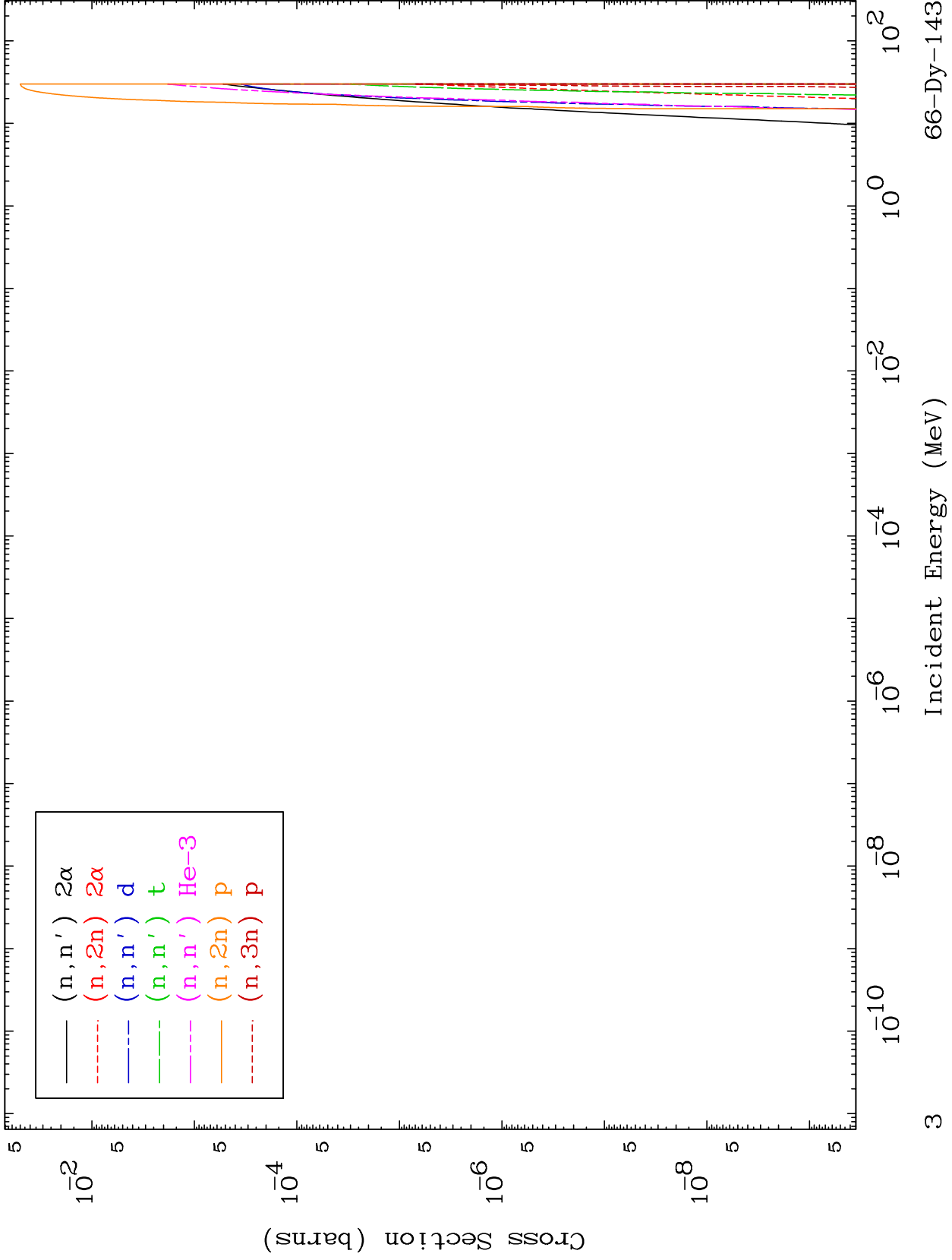
66-Dy-143



MAT 6586

Neutron Production  
293 Kelvin Cross Sections

66-Dy-143

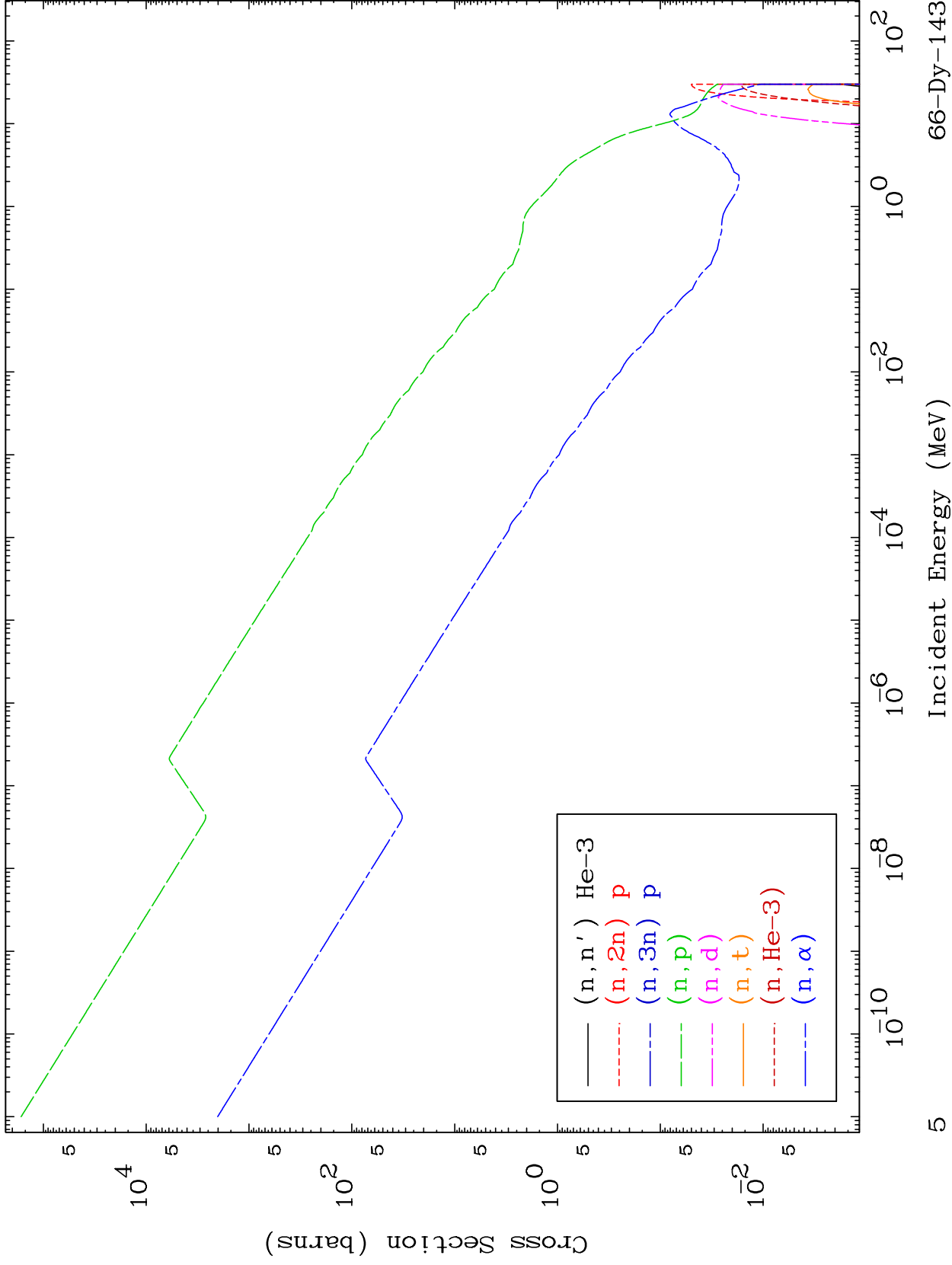


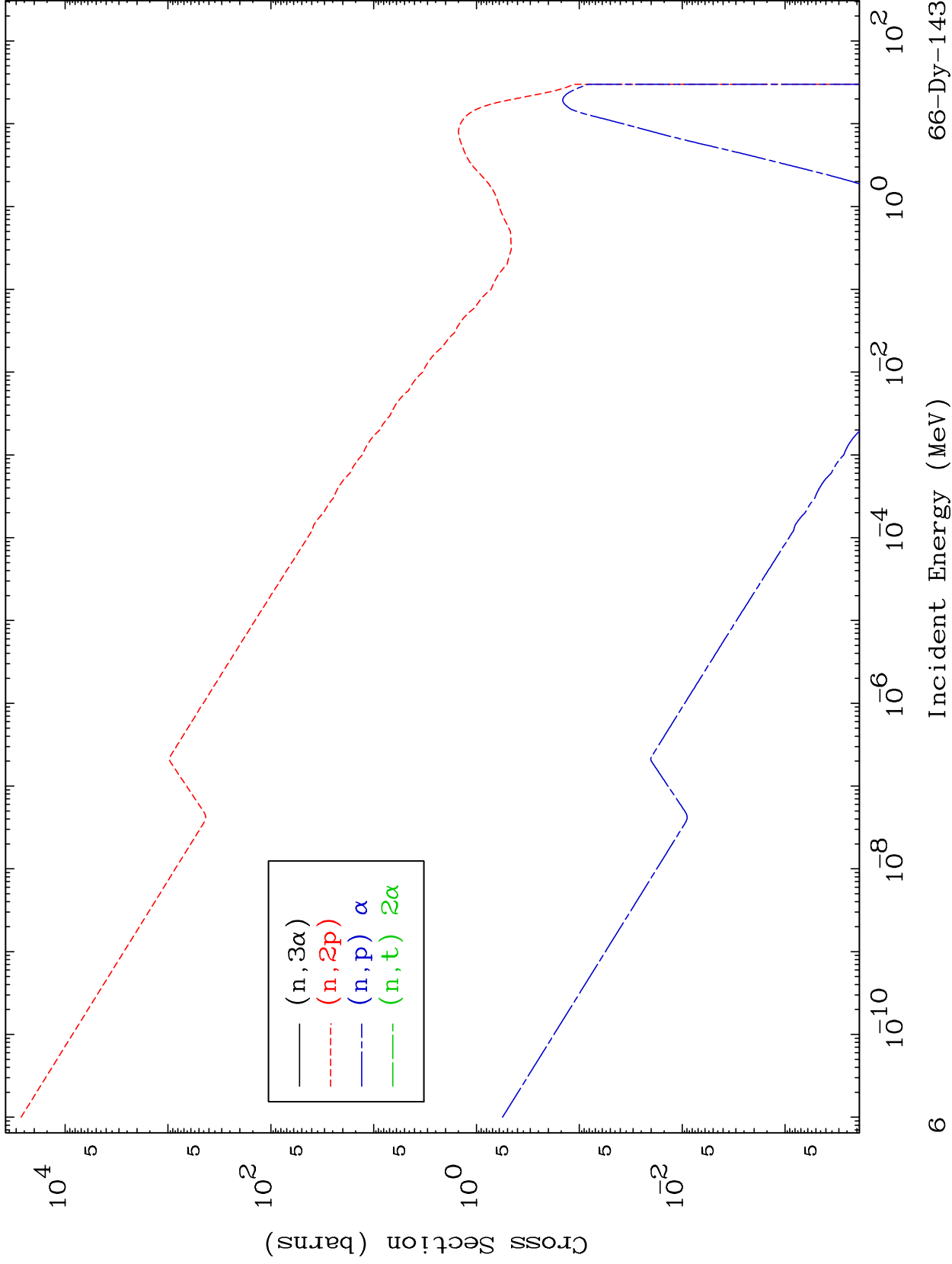


MAT 6586

Charged Particle  
293 Kelvin Cross Sections

66-Dy-143

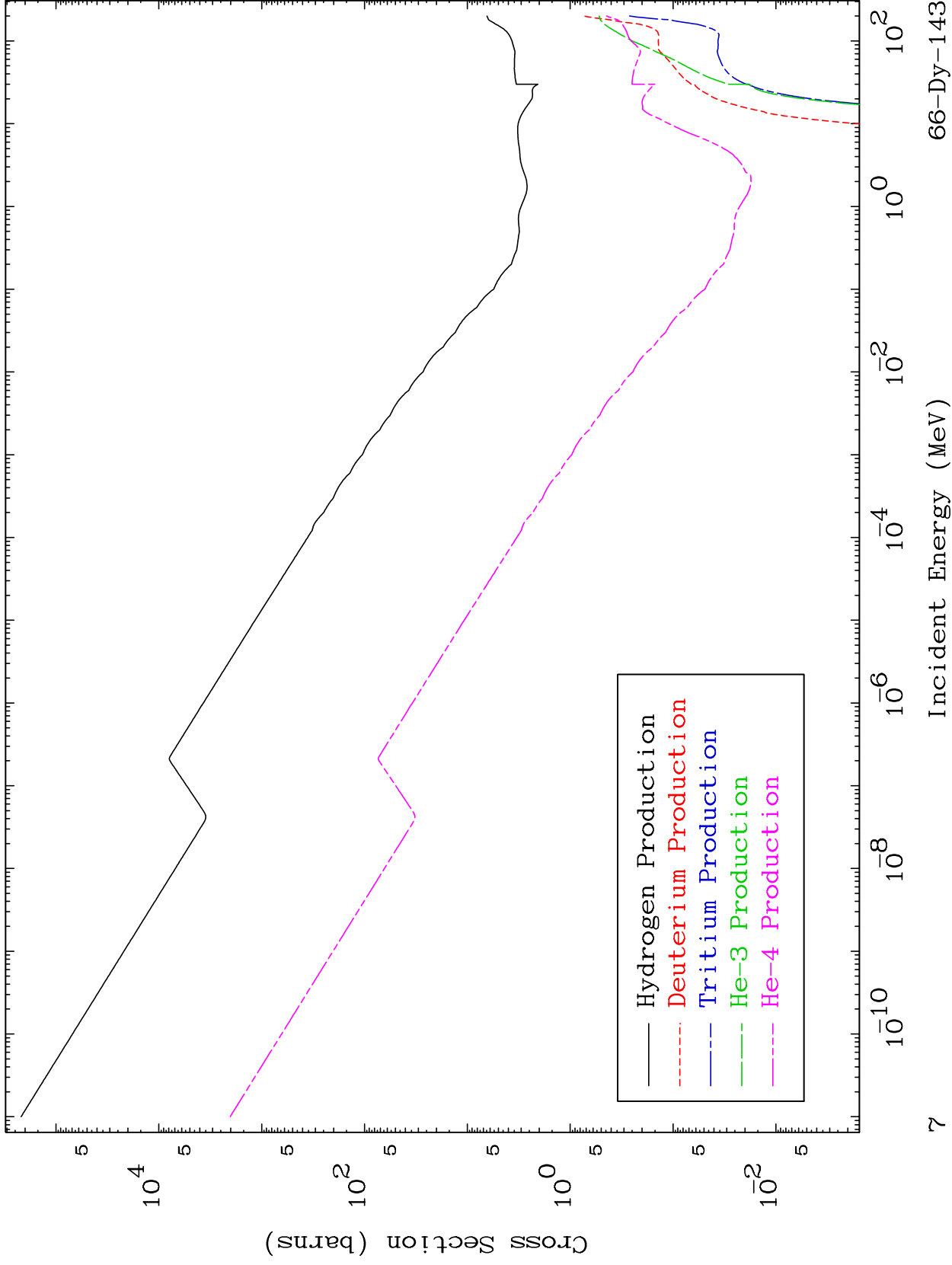




MAT 6586

Particle Production  
293 Kelvin Cross Sections

66-Dy-143

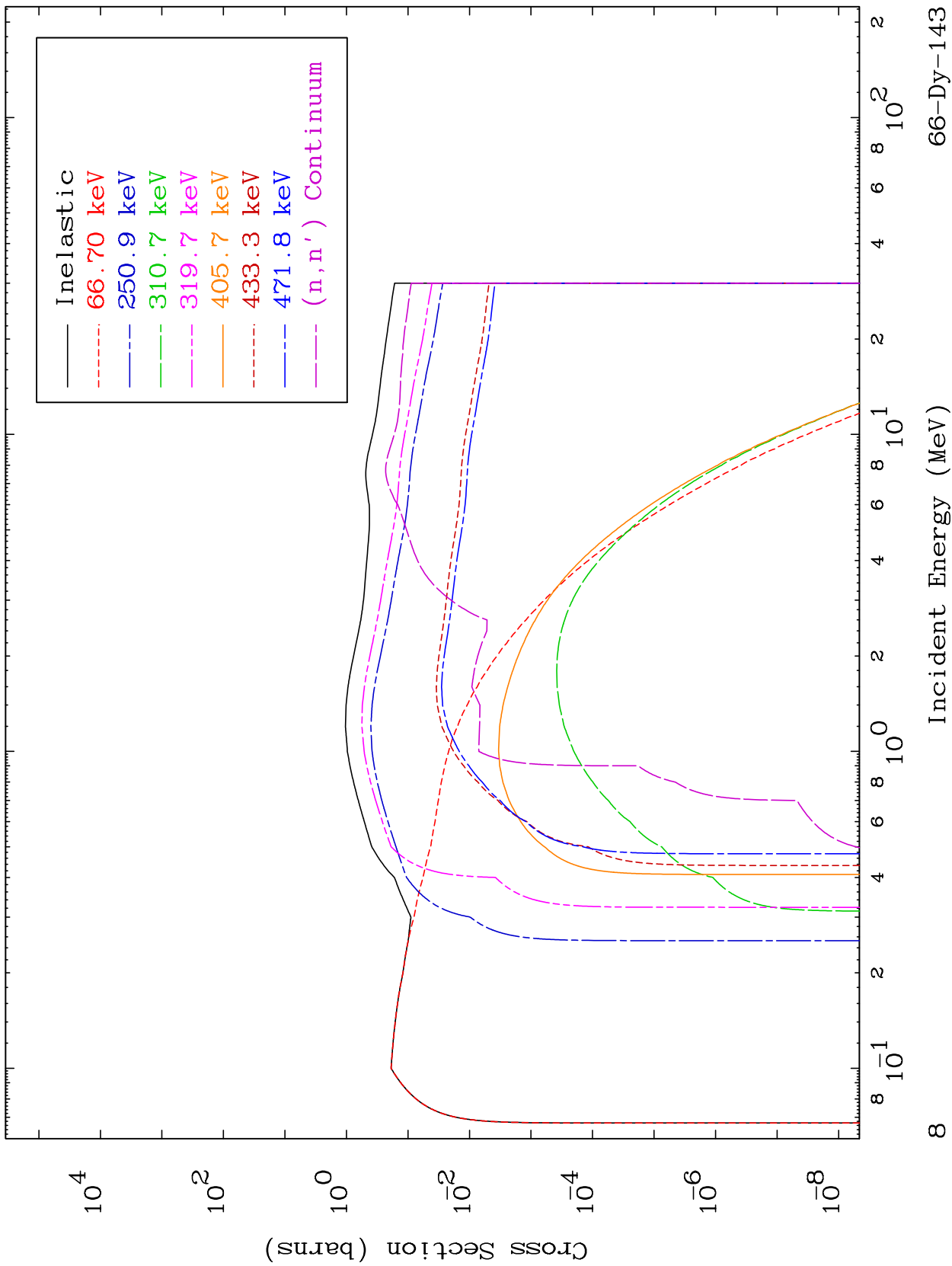




MAT 6586

(n,n') Level  
293 Kelvin Cross Sections

66-Dy-143



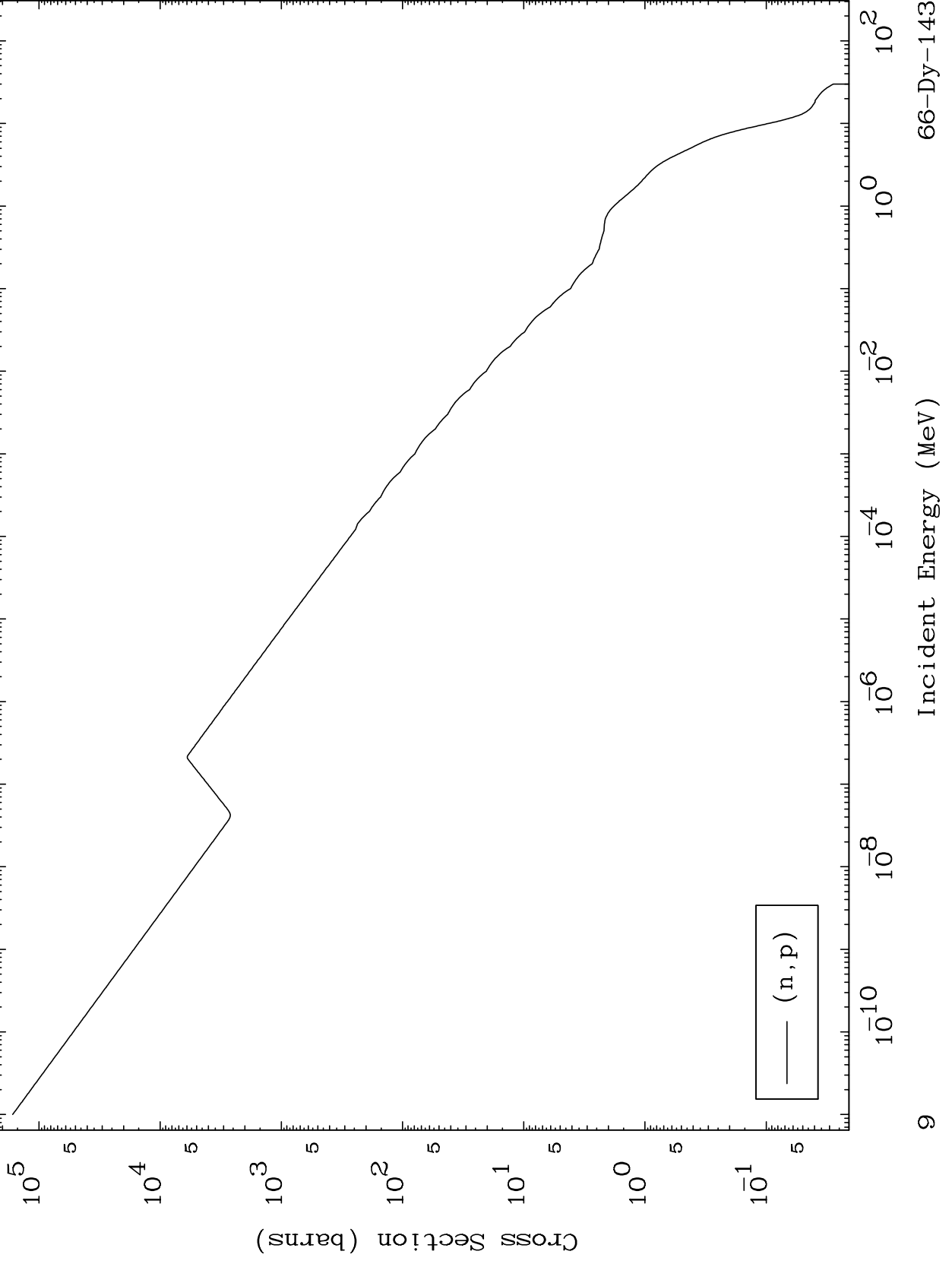
8

66-Dy-143

MAT 6586

(n,p) Levels  
293 Kelvin Cross Sections

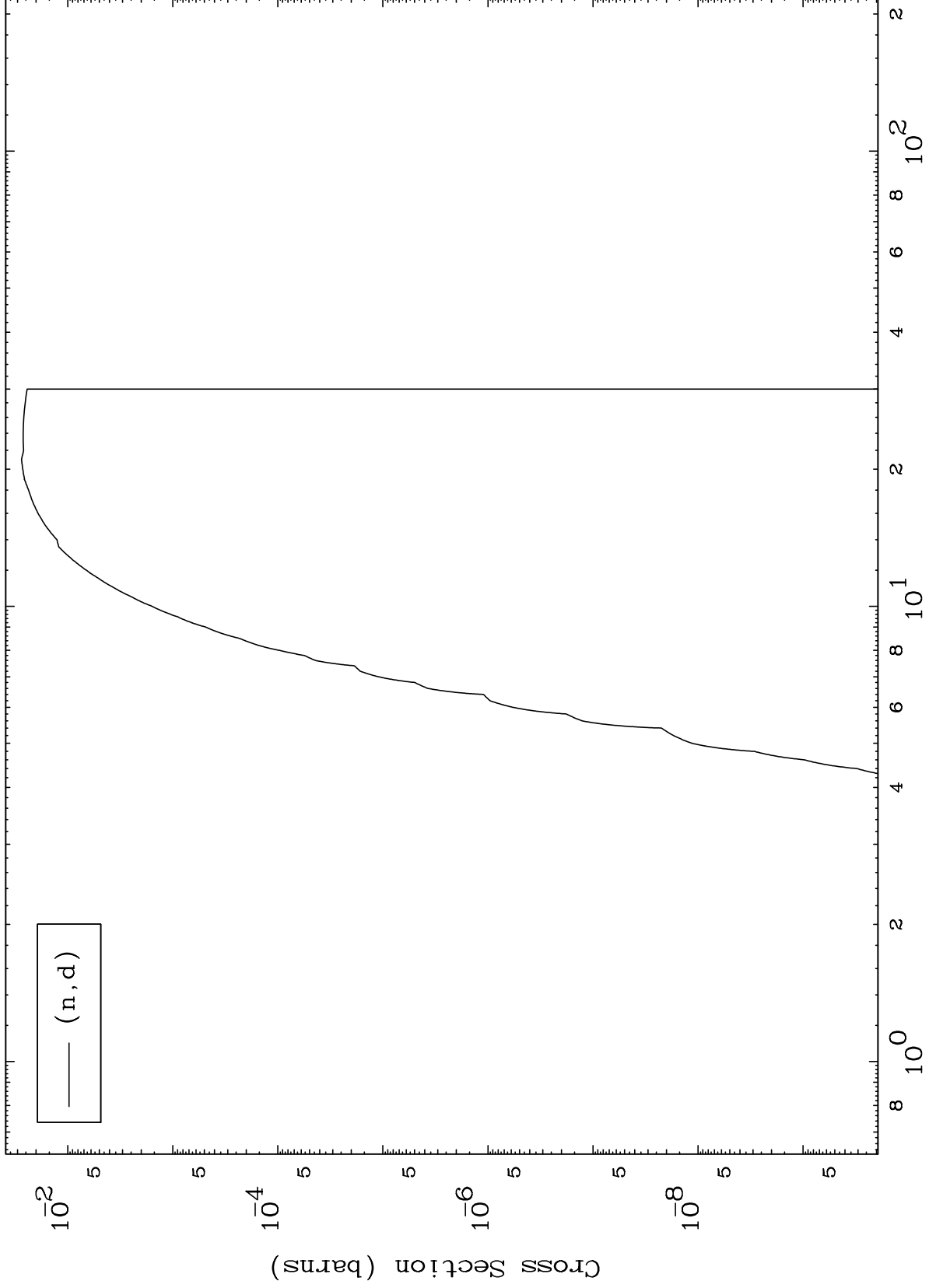
66-Dy-143



MAT 6586

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-143



10

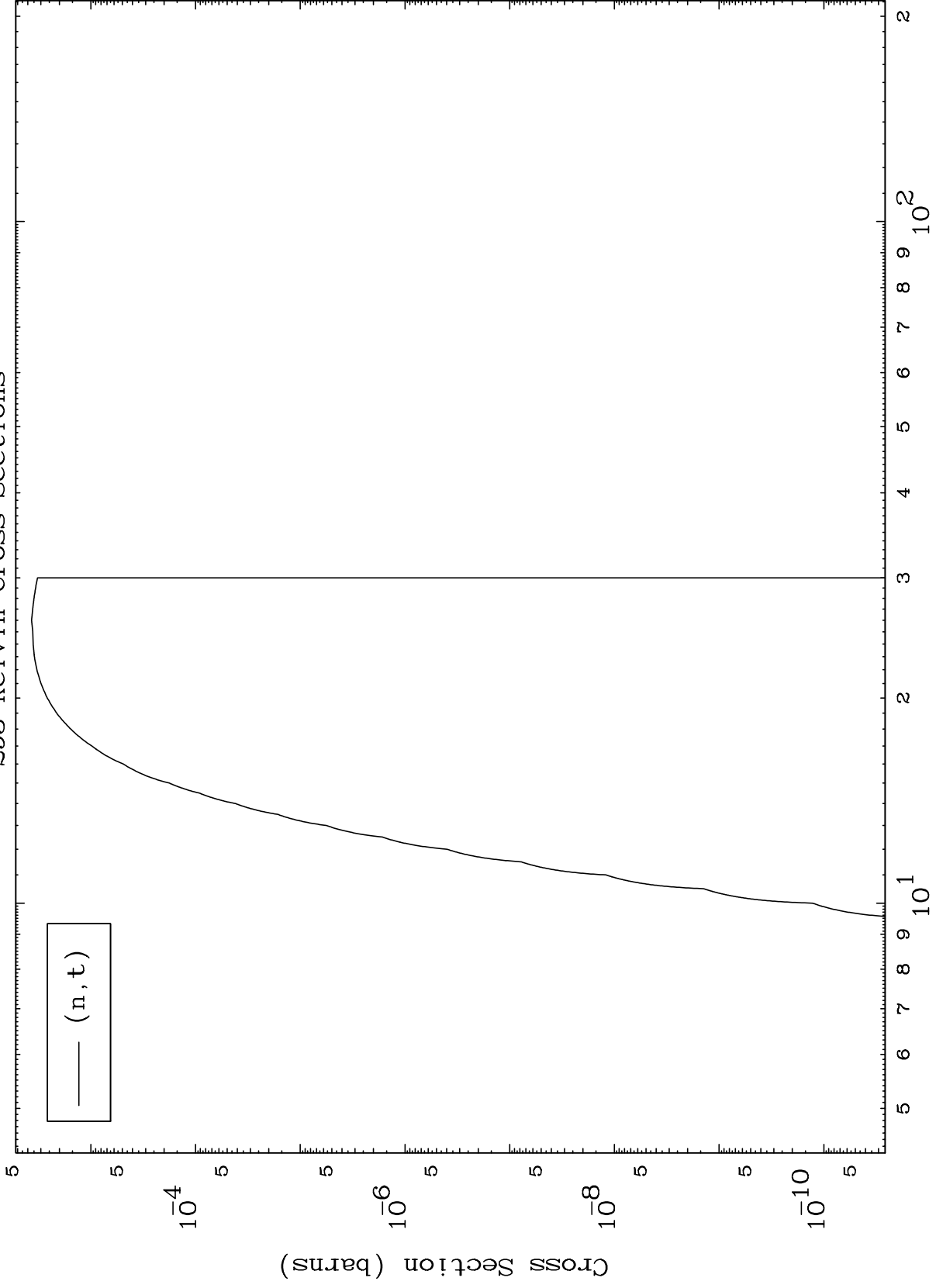
Incident Energy (MeV)

66-Dy-143

MAT 6586

(n,t) Levels  
293 Kelvin Cross Sections

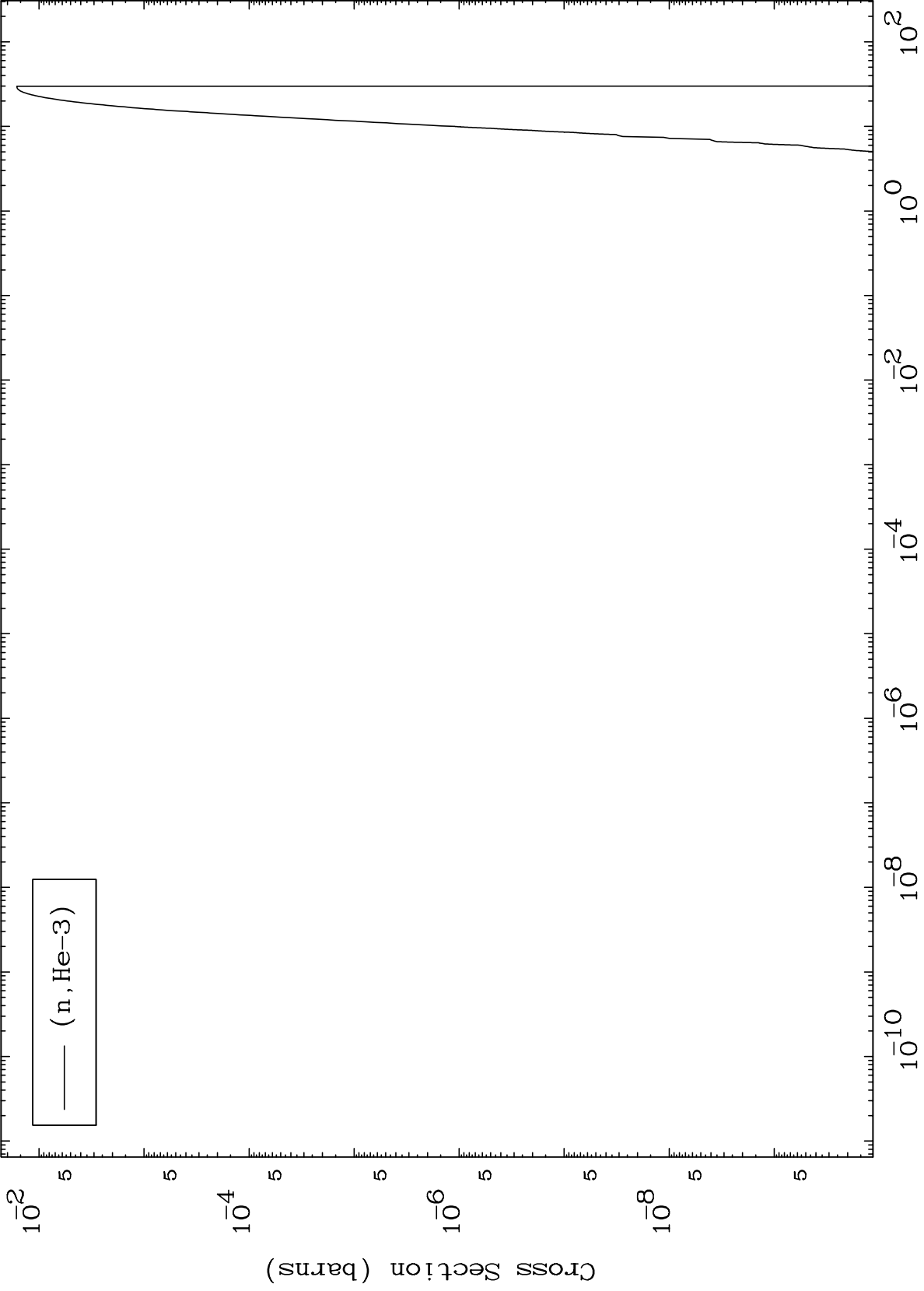
66-Dy-143



MAT 6586

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-143

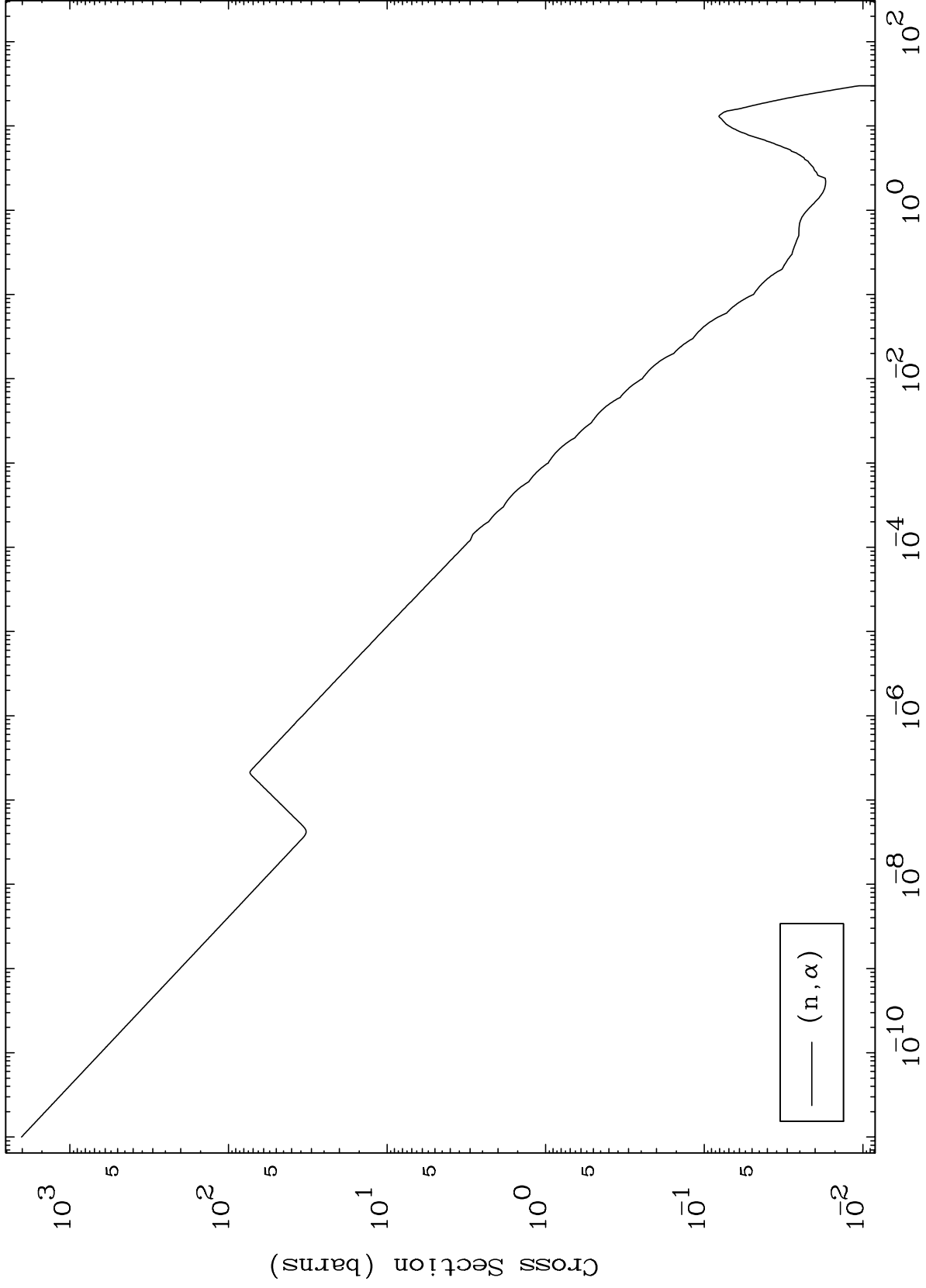


(n, He-3)

MAT 6586

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

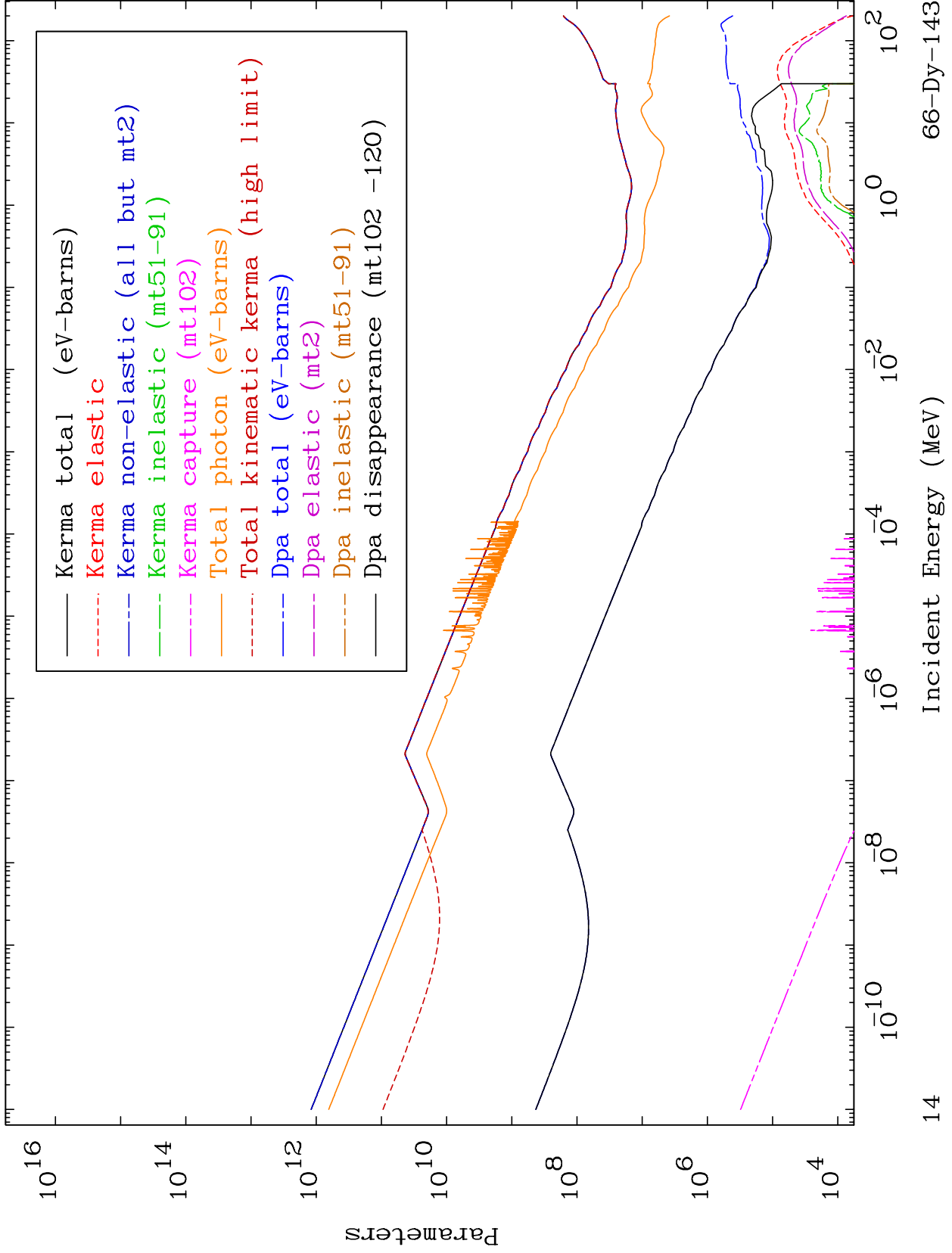
66-Dy-143



13

Incident Energy (MeV)

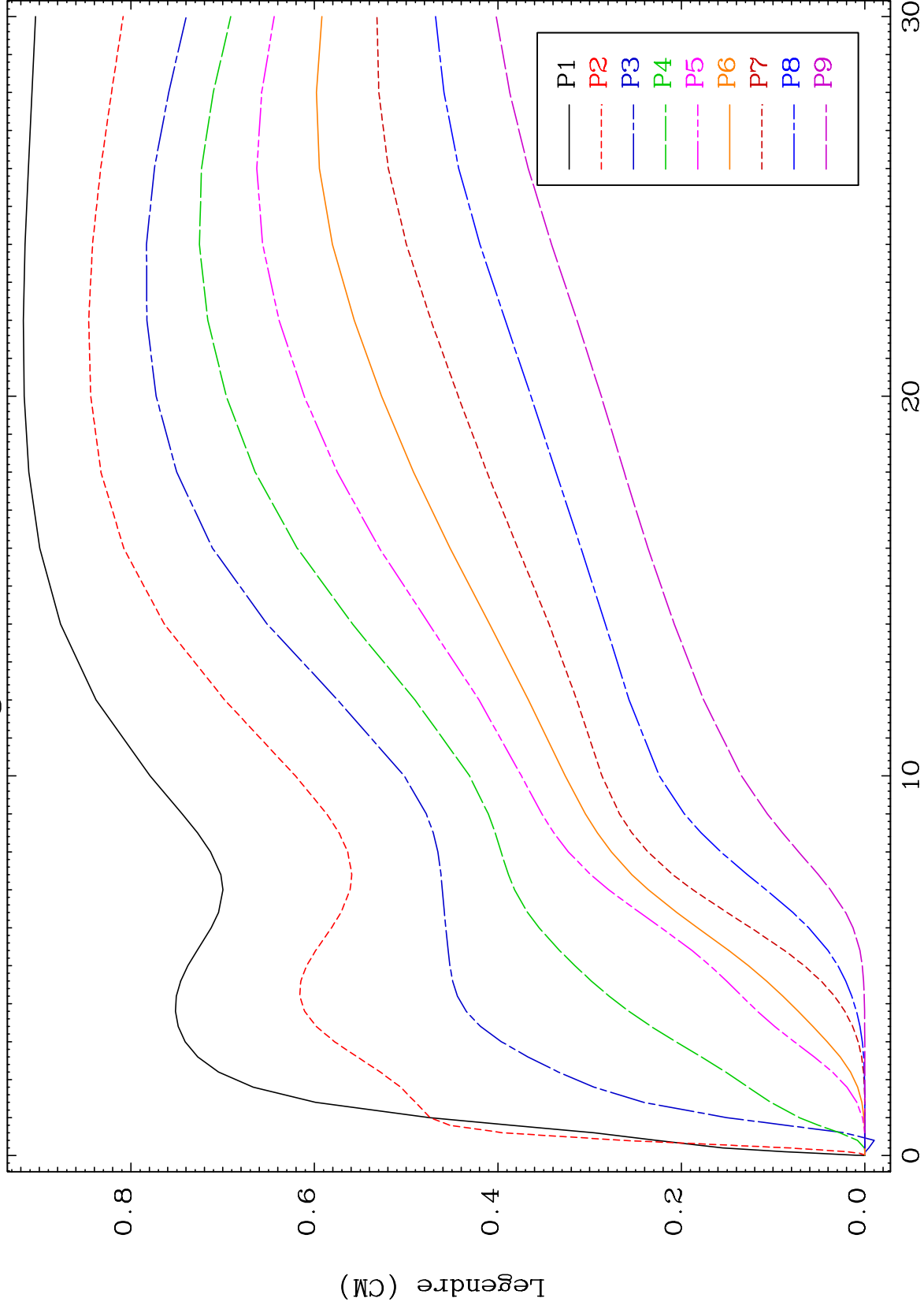
66-Dy-143



MAT 6586

Elastic Legendre Coefficients

66-Dy-143



15

Incident Energy (MeV)

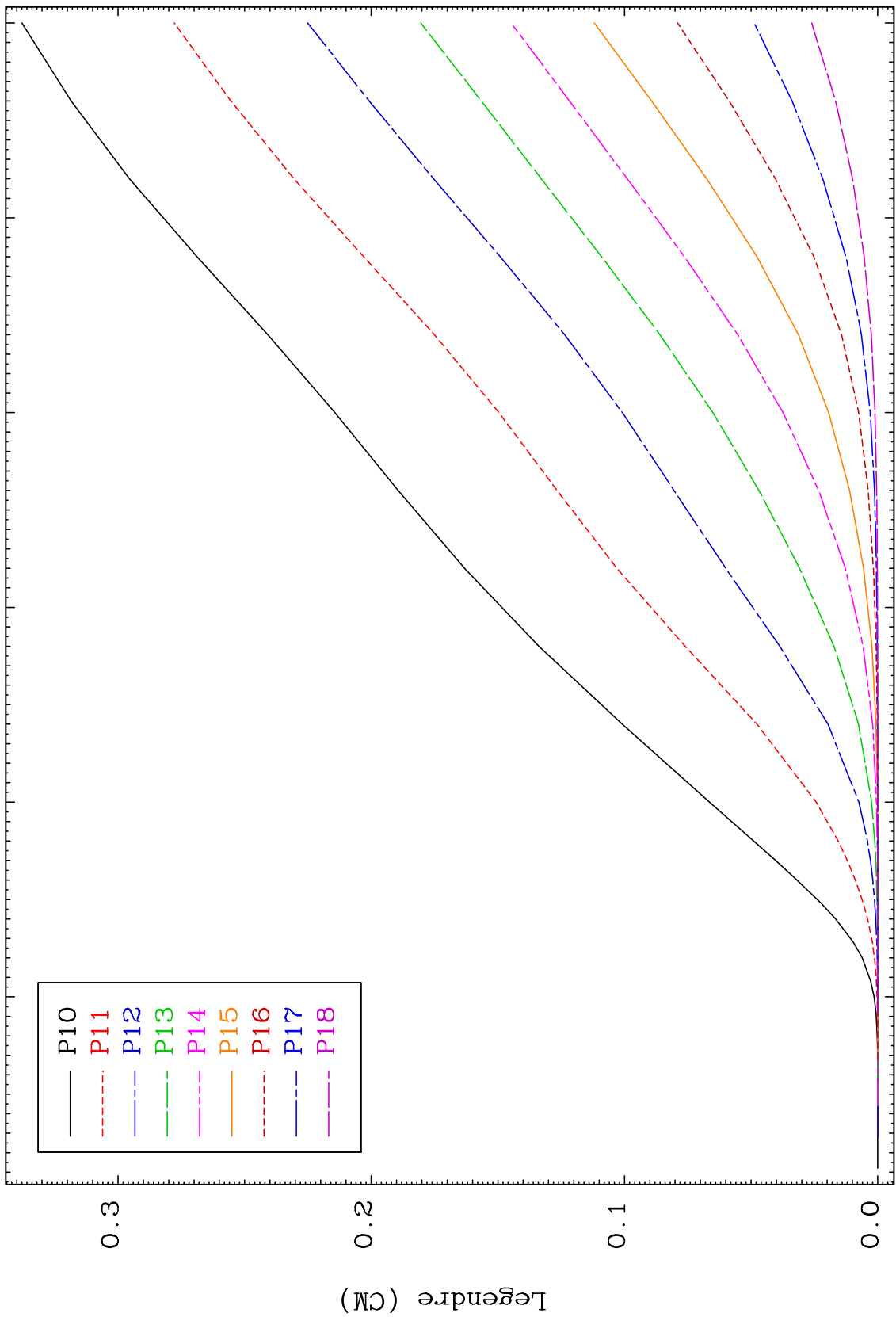
66-Dy-143



MAT 6586

Elastic Legendre Coefficients

66-Dy-143



16

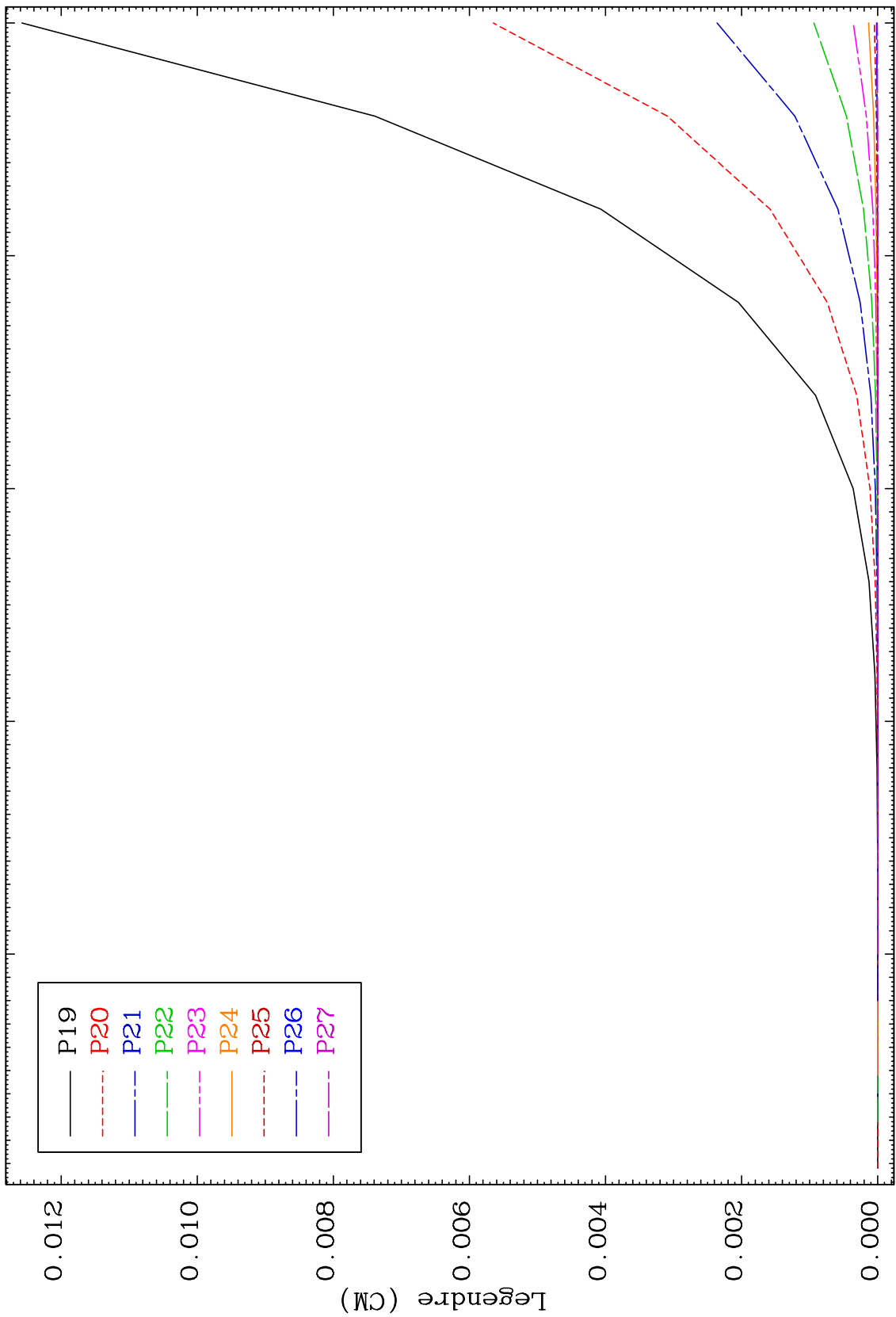
Incident Energy (MeV)

66-Dy-143

MAT 6586

Elastic Legendre Coefficients

66-Dy-143



17

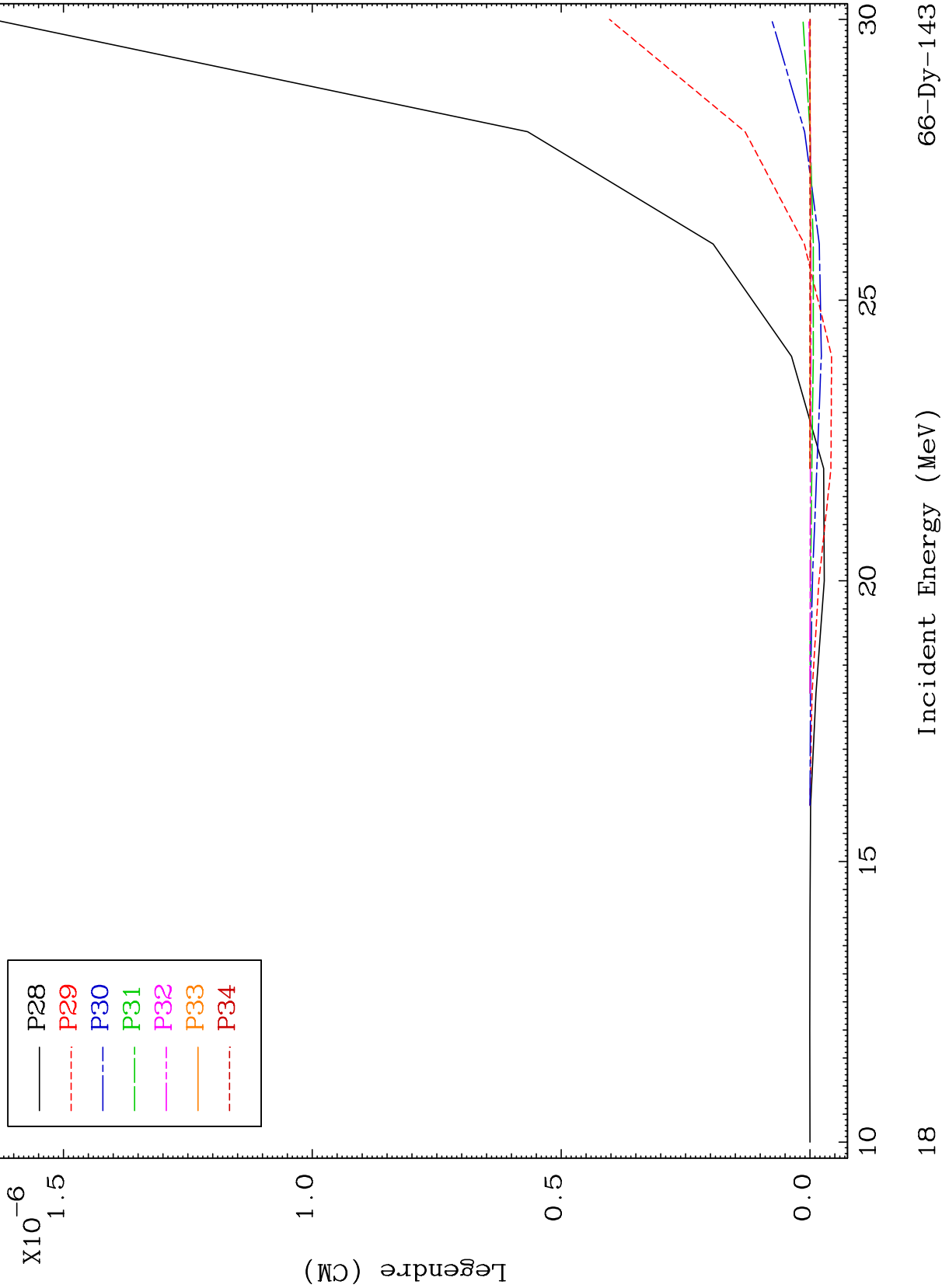
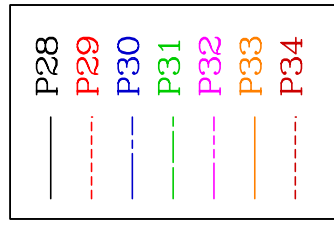
Incident Energy (MeV)

66-Dy-143

MAT 6586

Elastic  
Legendre Coefficients

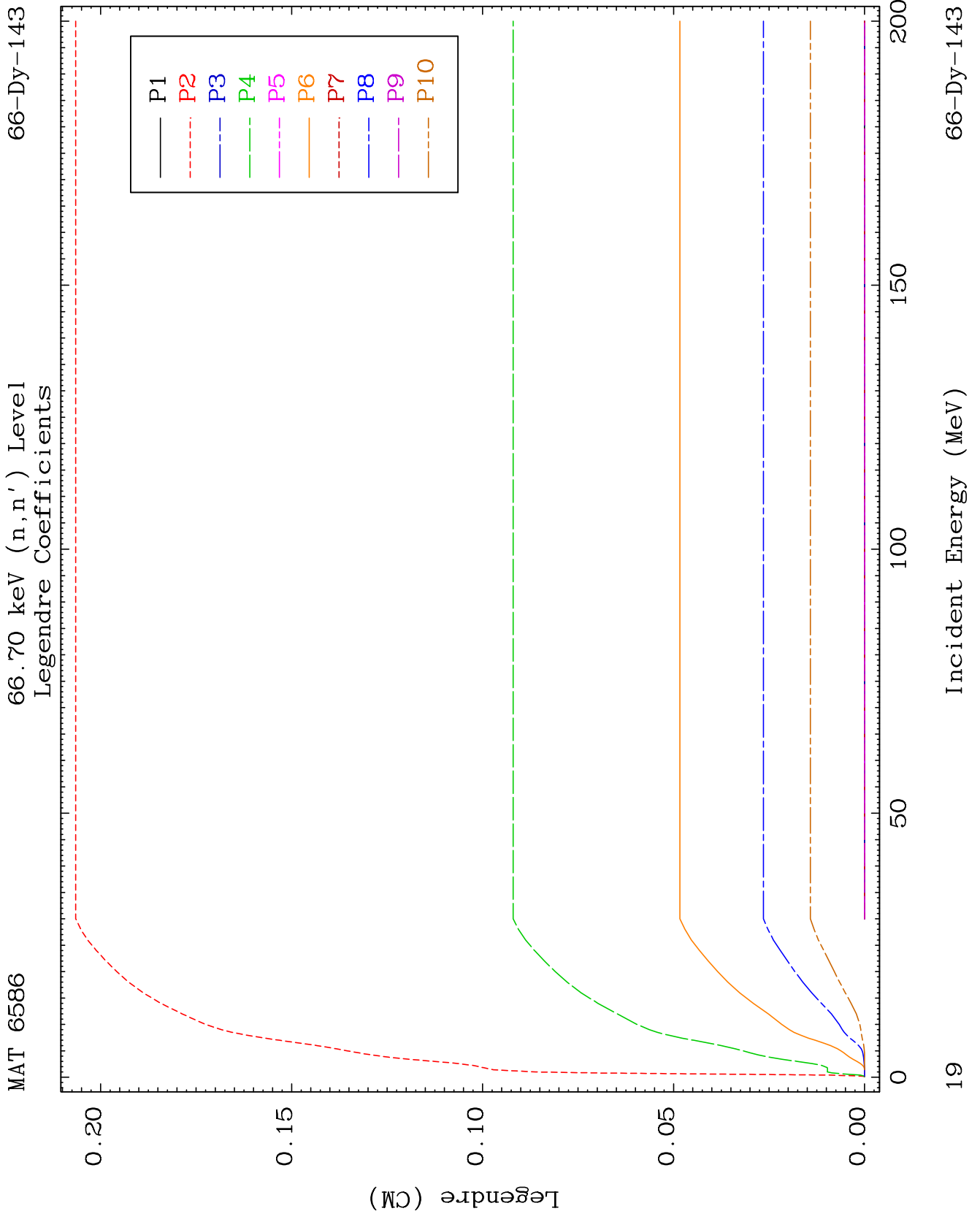
66-Dy-143

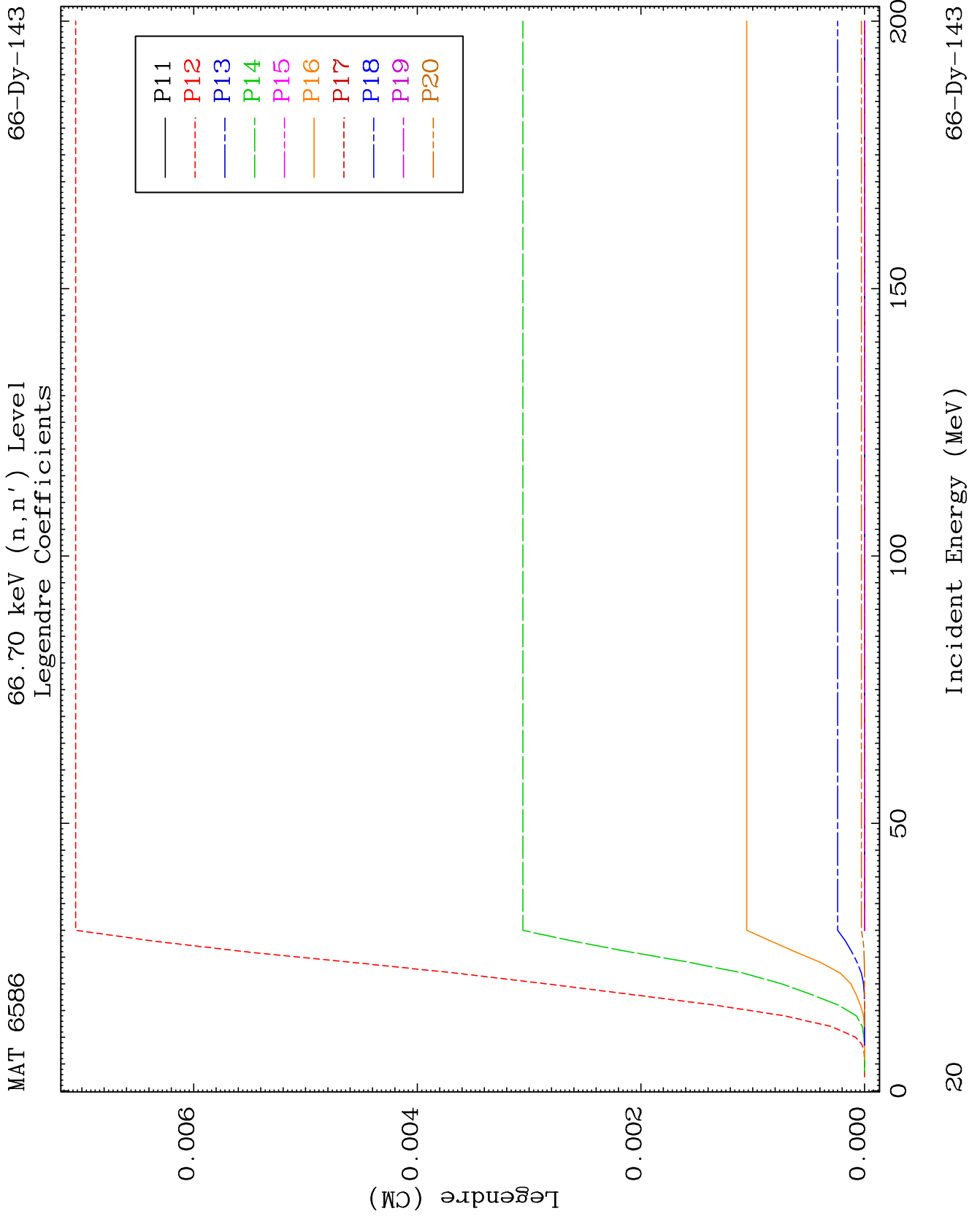


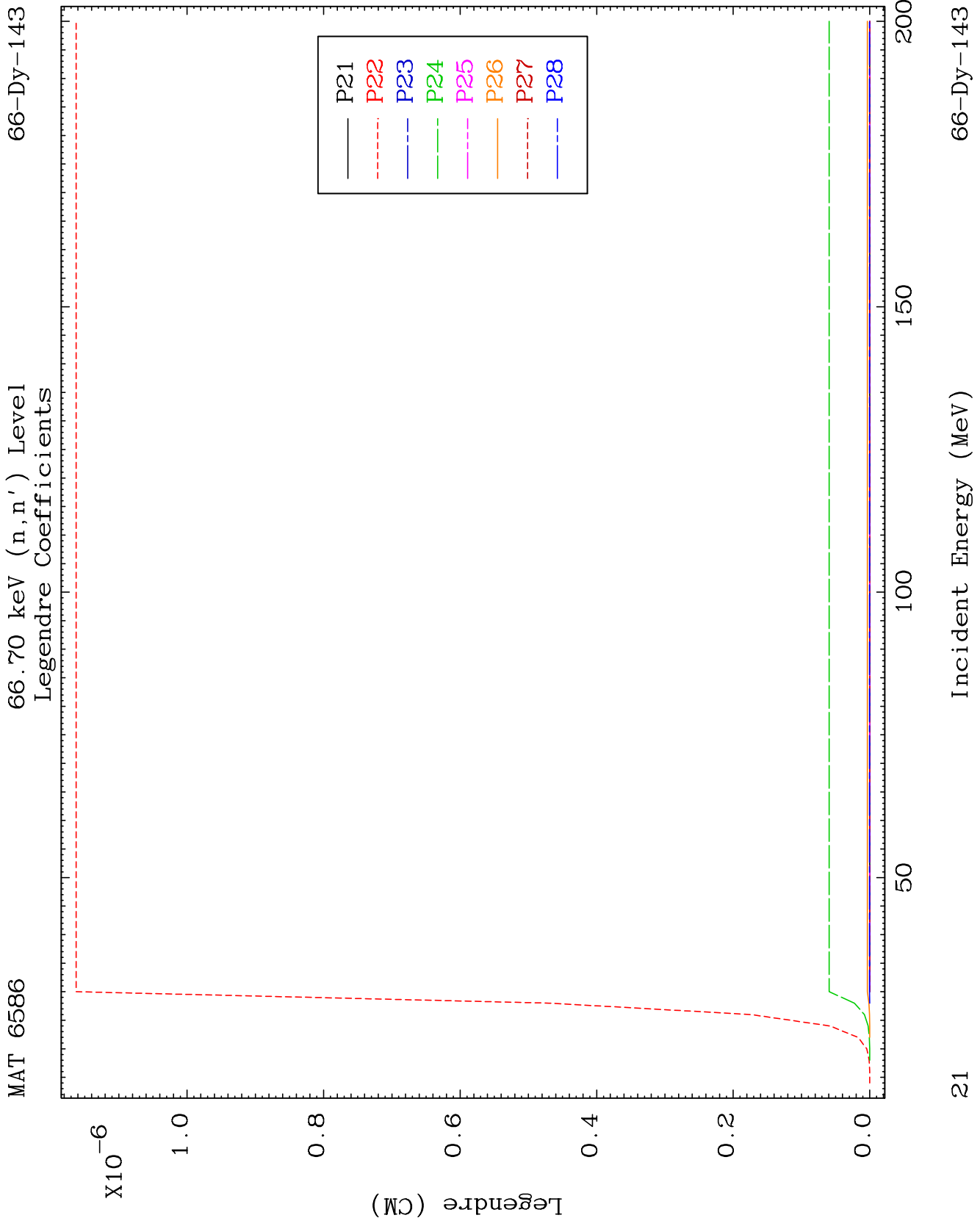
66-Dy-143

Incident Energy (MeV)

18



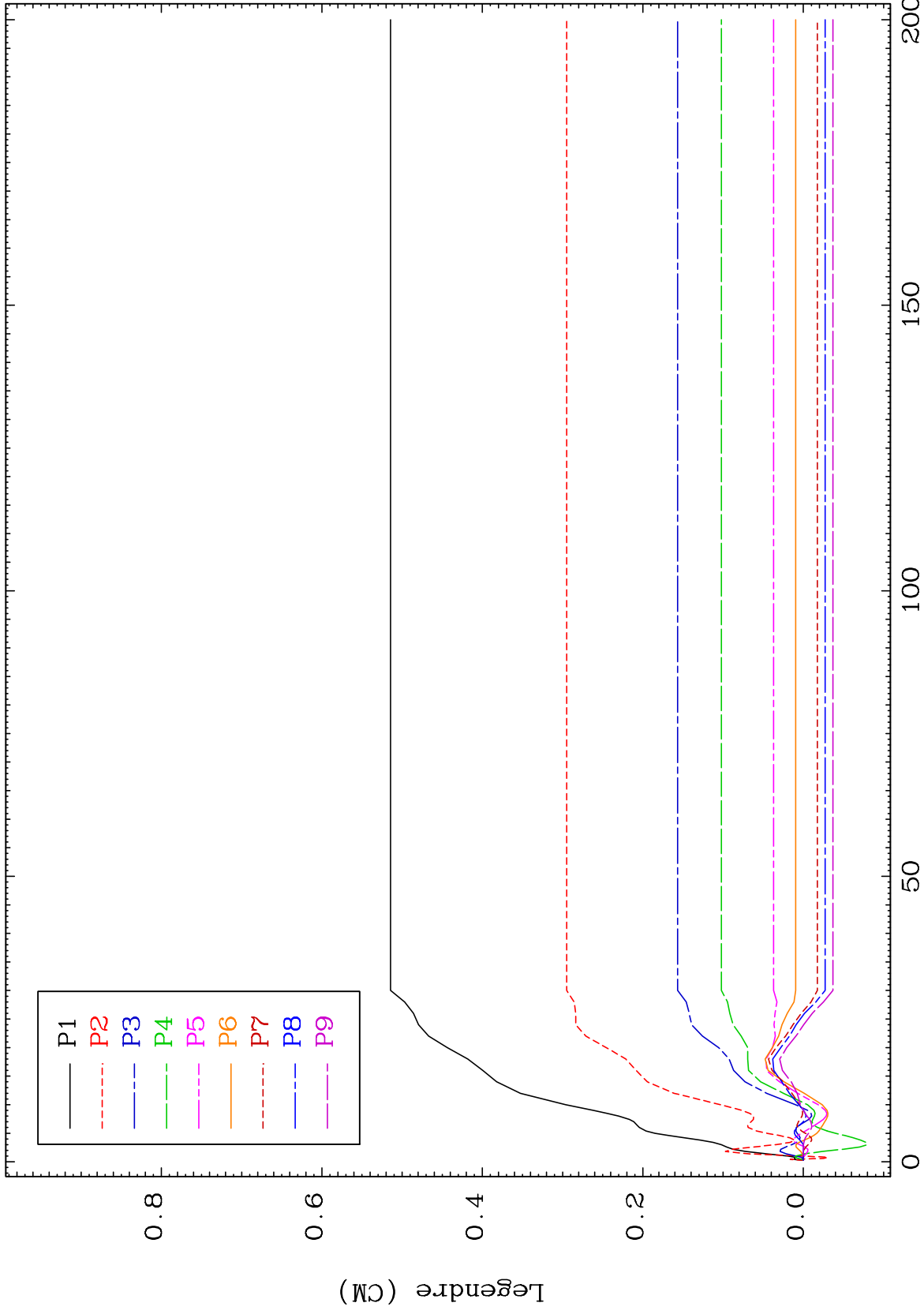




MAT 6586

250.9 keV (n,n') Level  
Legendre Coefficients

66-Dy-143



22

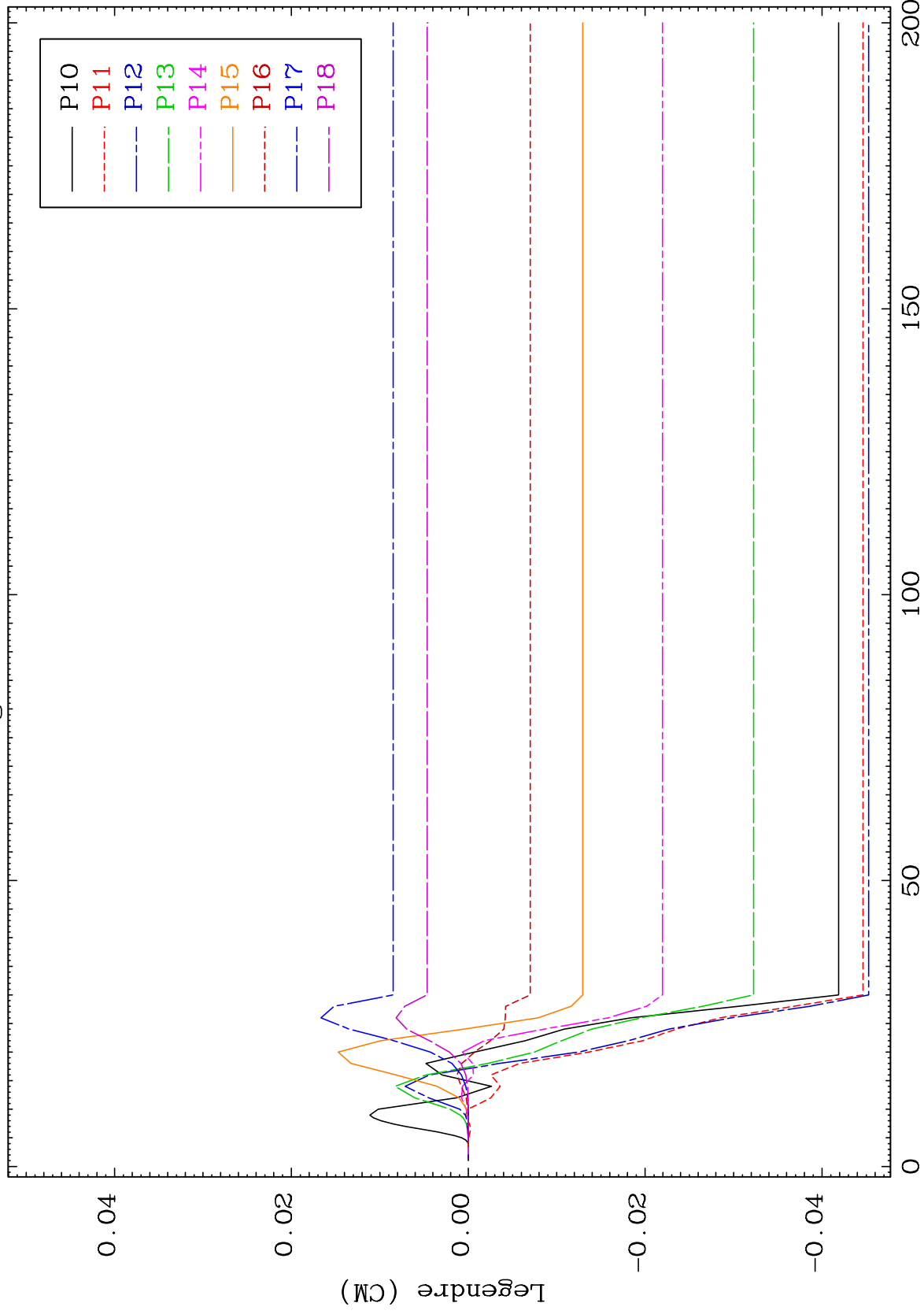
Incident Energy (MeV)

66-Dy-143

MAT 6586

250.9 keV (n,n') Level  
Legendre Coefficients

66-Dy-143



23

Incident Energy (MeV)

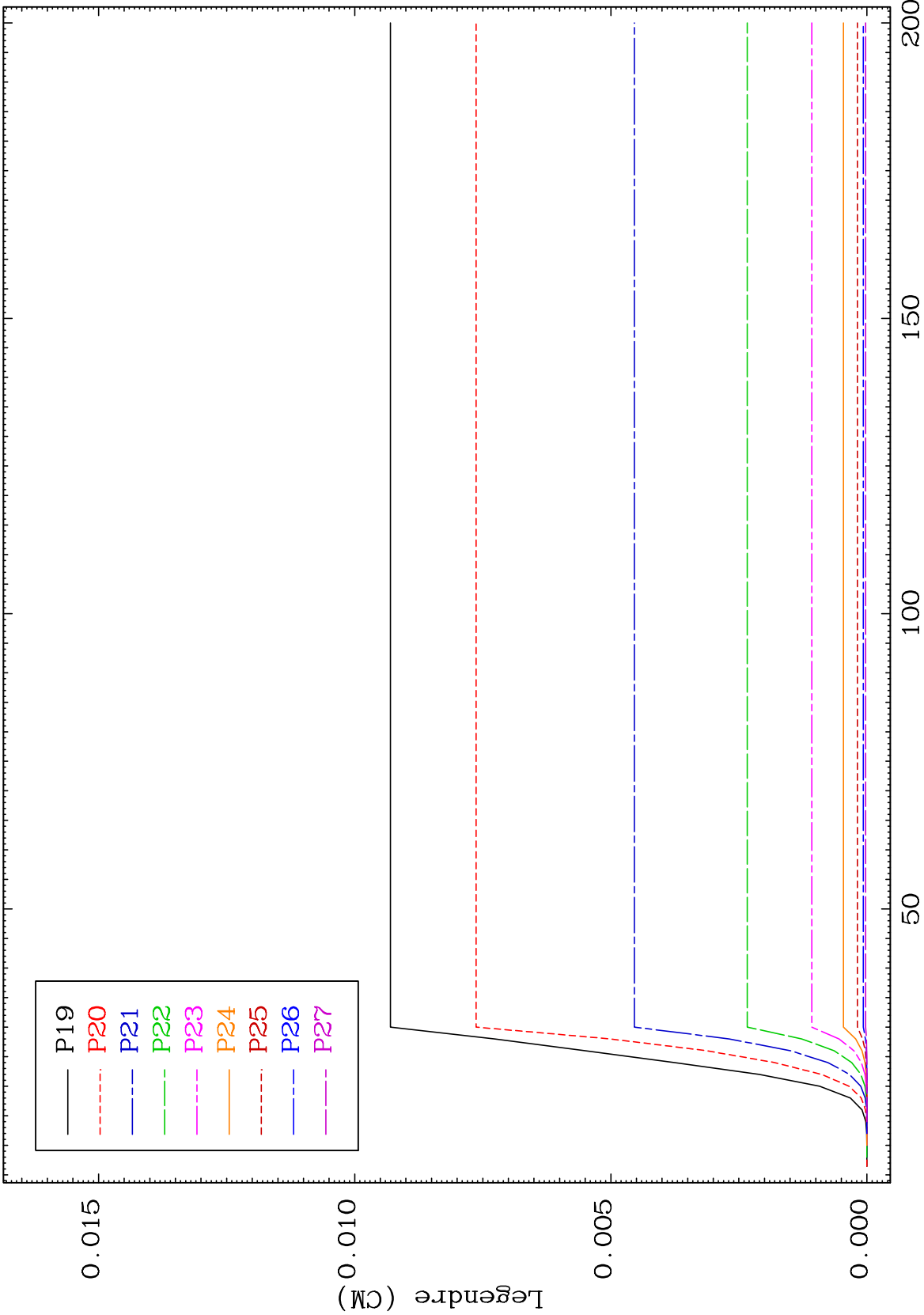
66-Dy-143



MAT 6586

250.9 keV (n,n') Level  
Legendre Coefficients

66-Dy-143



24

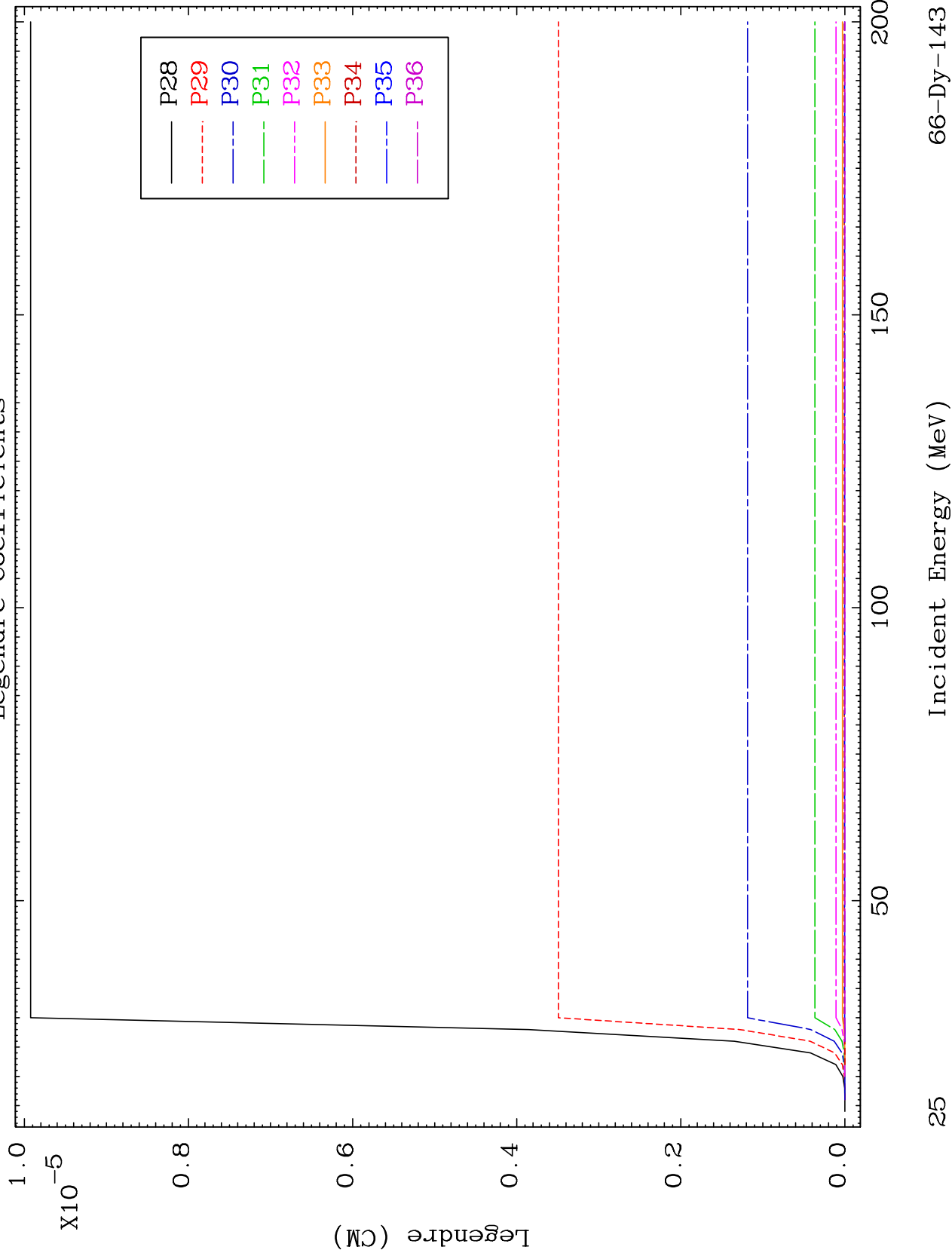
Incident Energy (MeV)

66-Dy-143

MAT 6586

250.9 keV (n,n') Level  
Legendre Coefficients

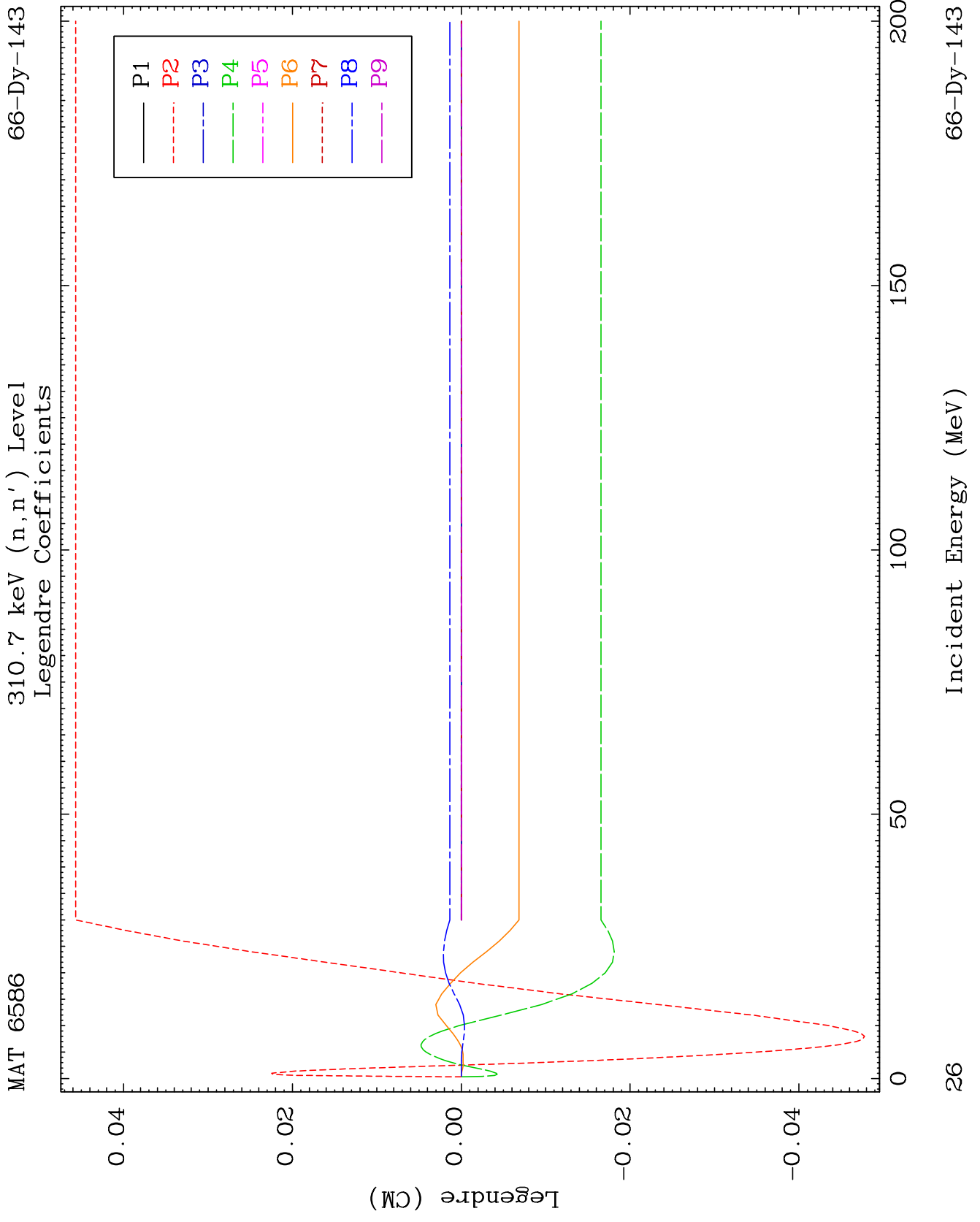
66-Dy-143



66-Dy-143

Incident Energy (MeV)

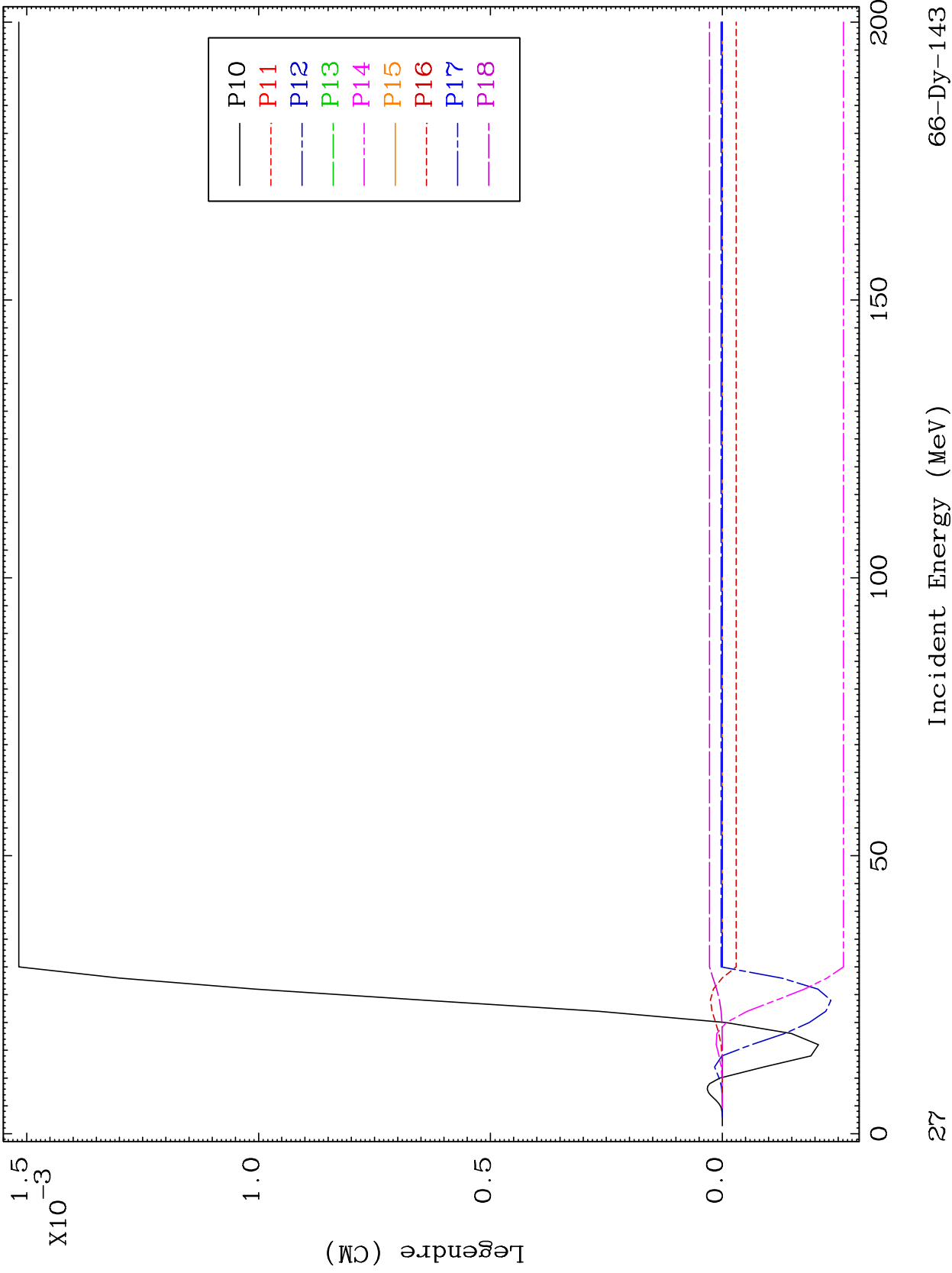
25



MAT 6586

310.7 keV (n,n') Level  
Legendre Coefficients

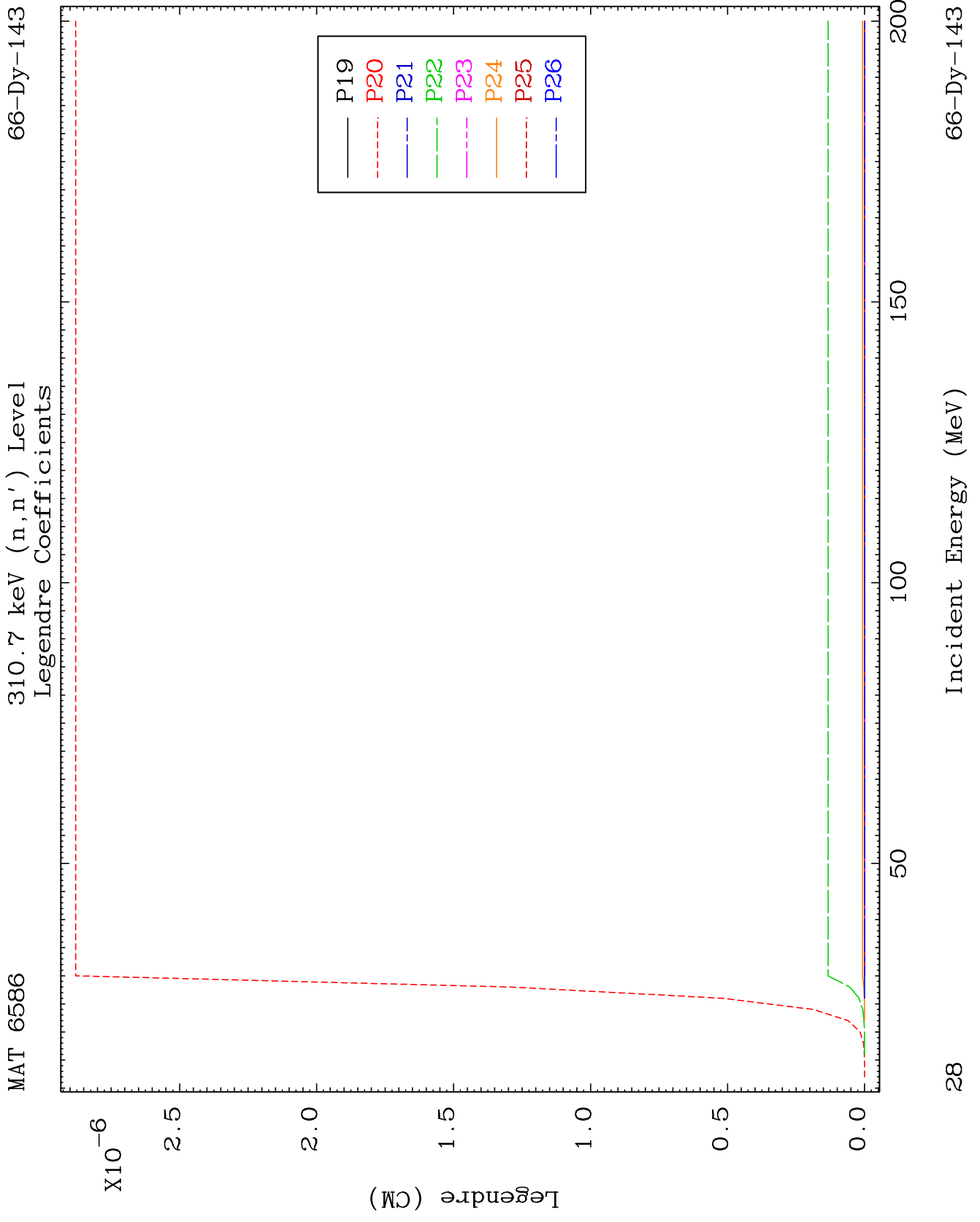
66-Dy-143



27

Incident Energy (MeV)

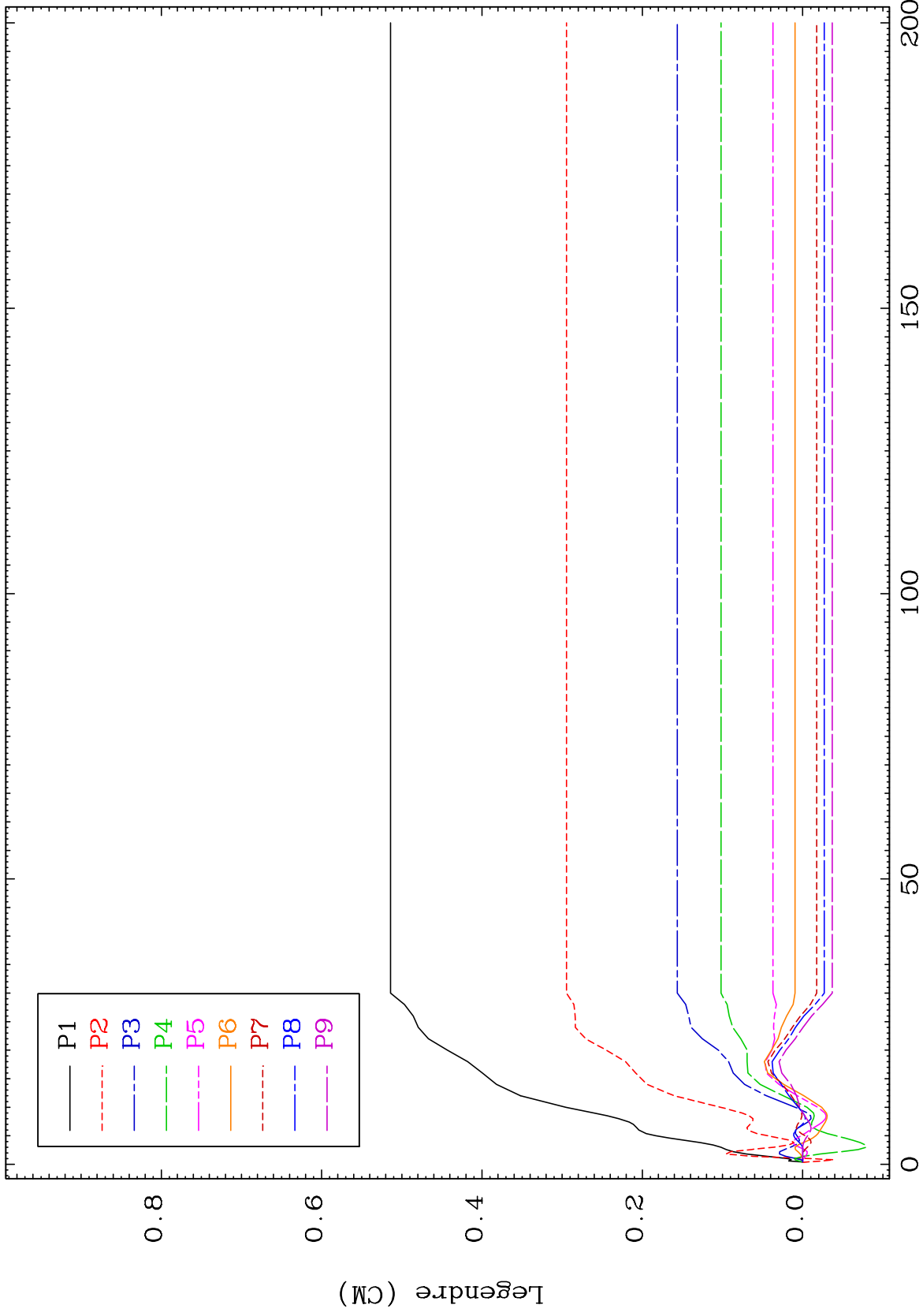
66-Dy-143



MAT 6586

319.7 keV (n,n') Level  
Legendre Coefficients

66-Dy-143



29

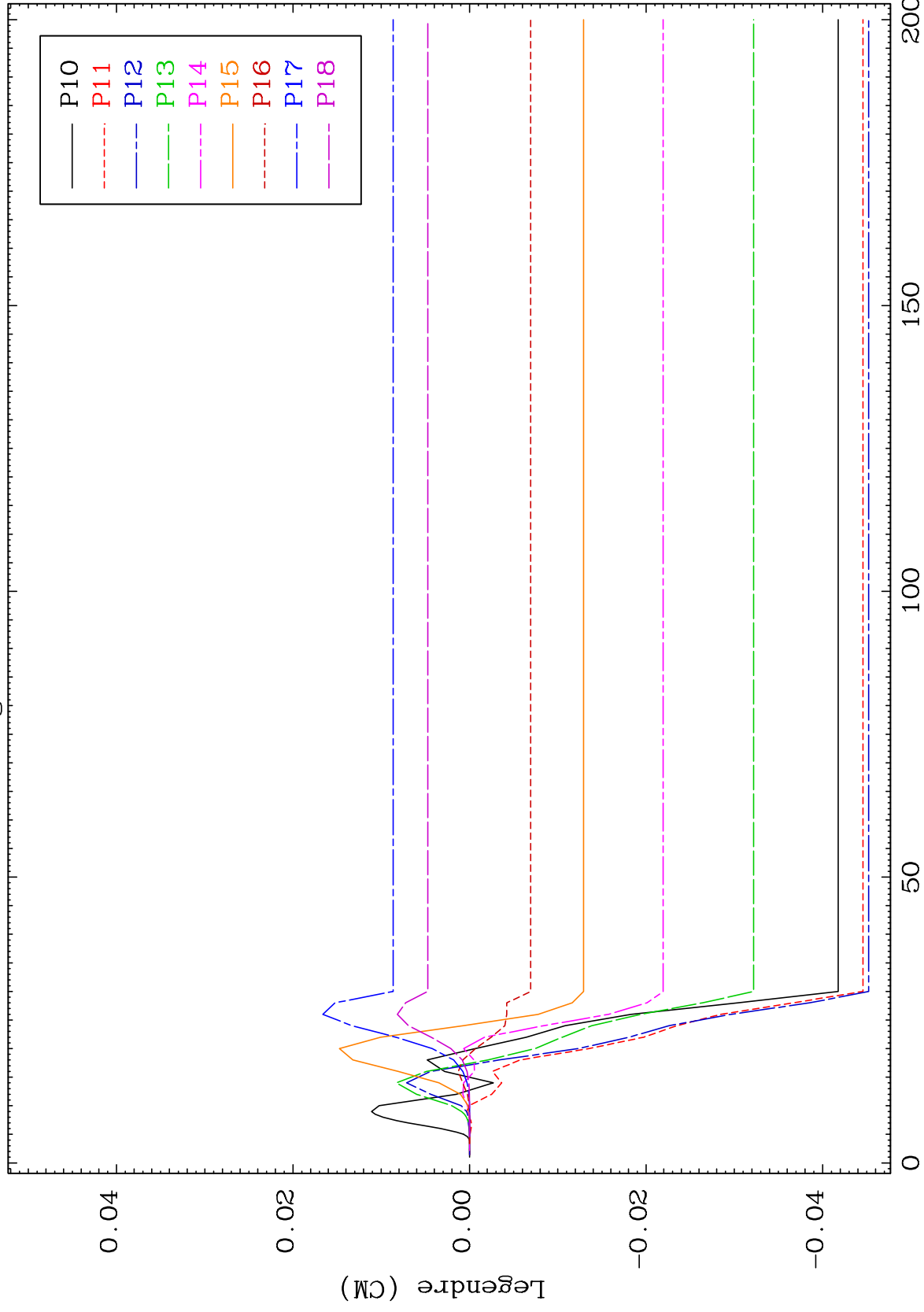
Incident Energy (MeV)

66-Dy-143

MAT 6586

319.7 keV (n,n') Level  
Legendre Coefficients

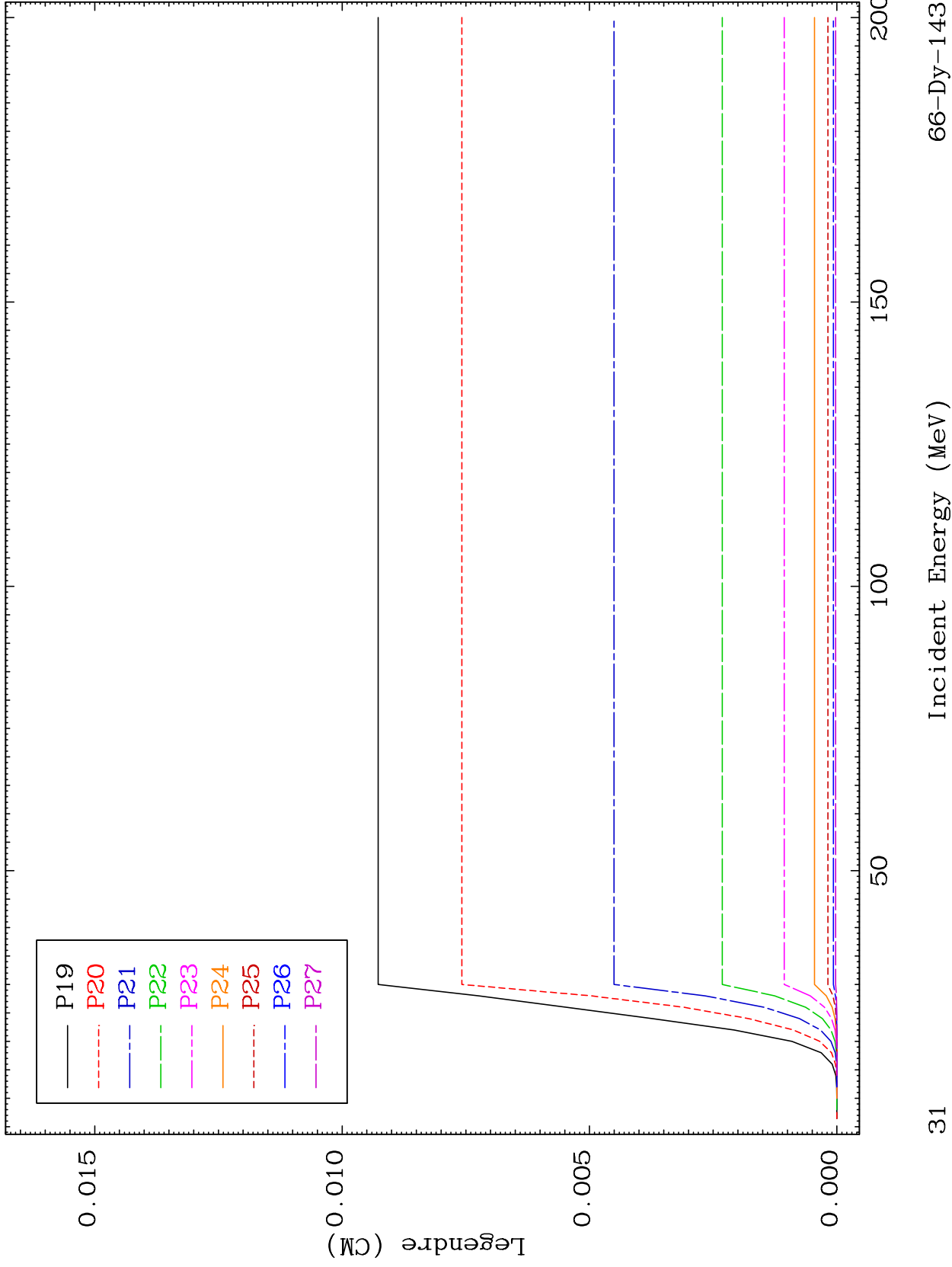
66-Dy-143



30

Incident Energy (MeV)

66-Dy-143

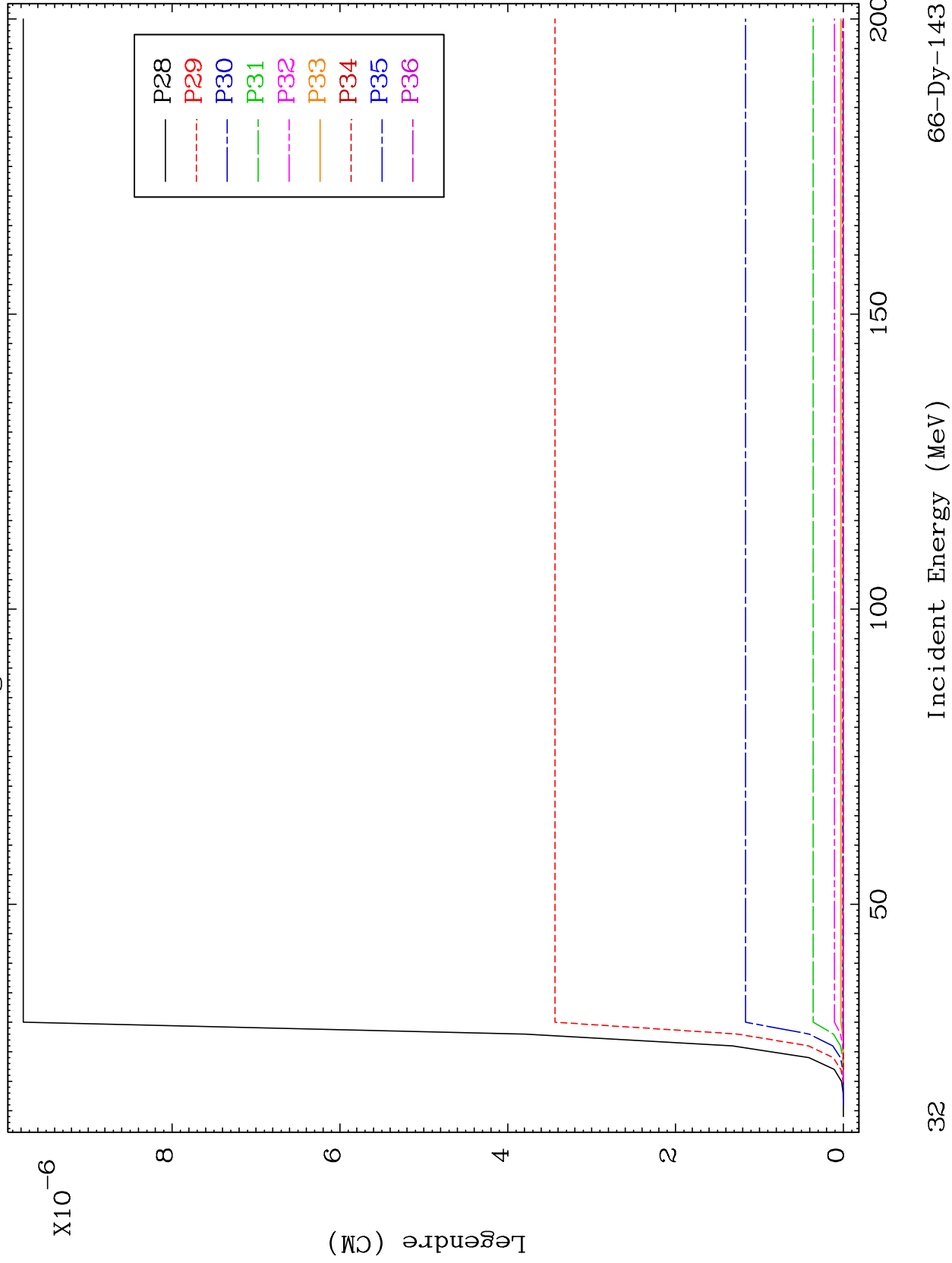




MAT 6586

319.7 keV (n,n') Level  
Legendre Coefficients

66-Dy-143

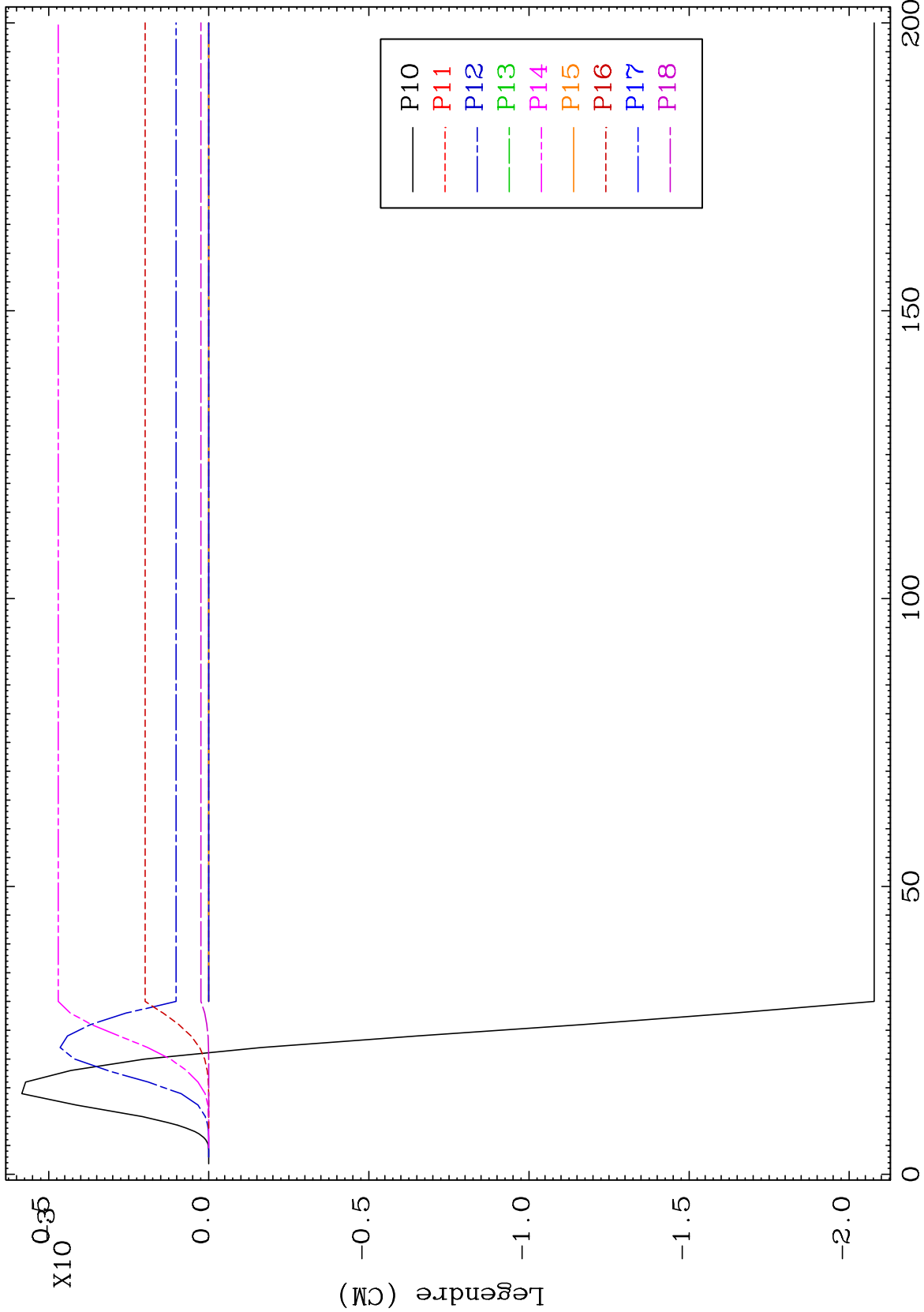


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Incident Energy (MeV)

66-Dy-143



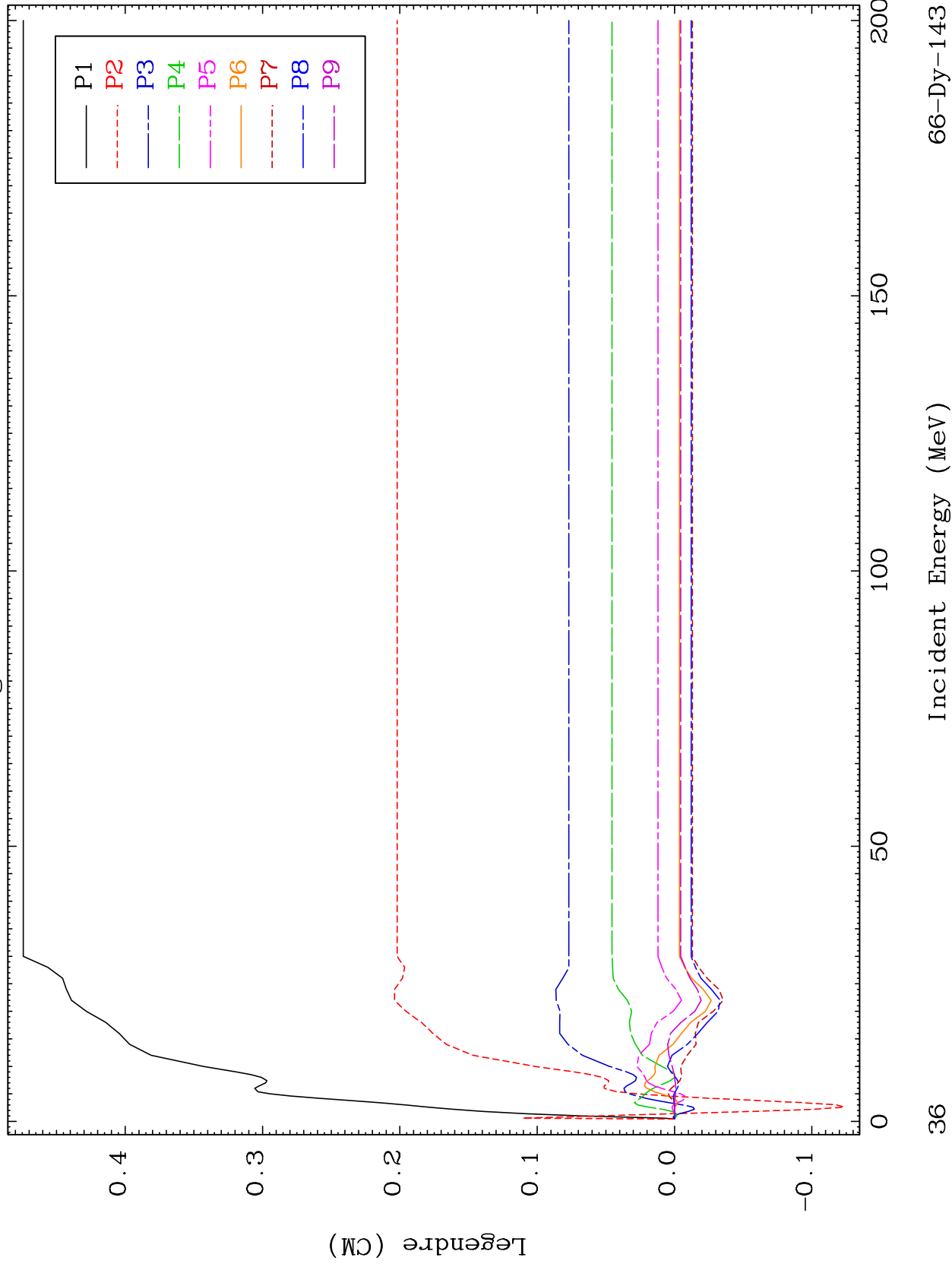




MAT 6586

433.3 keV (n,n') Level  
Legendre Coefficients

66-Dy-143



66-Dy-143

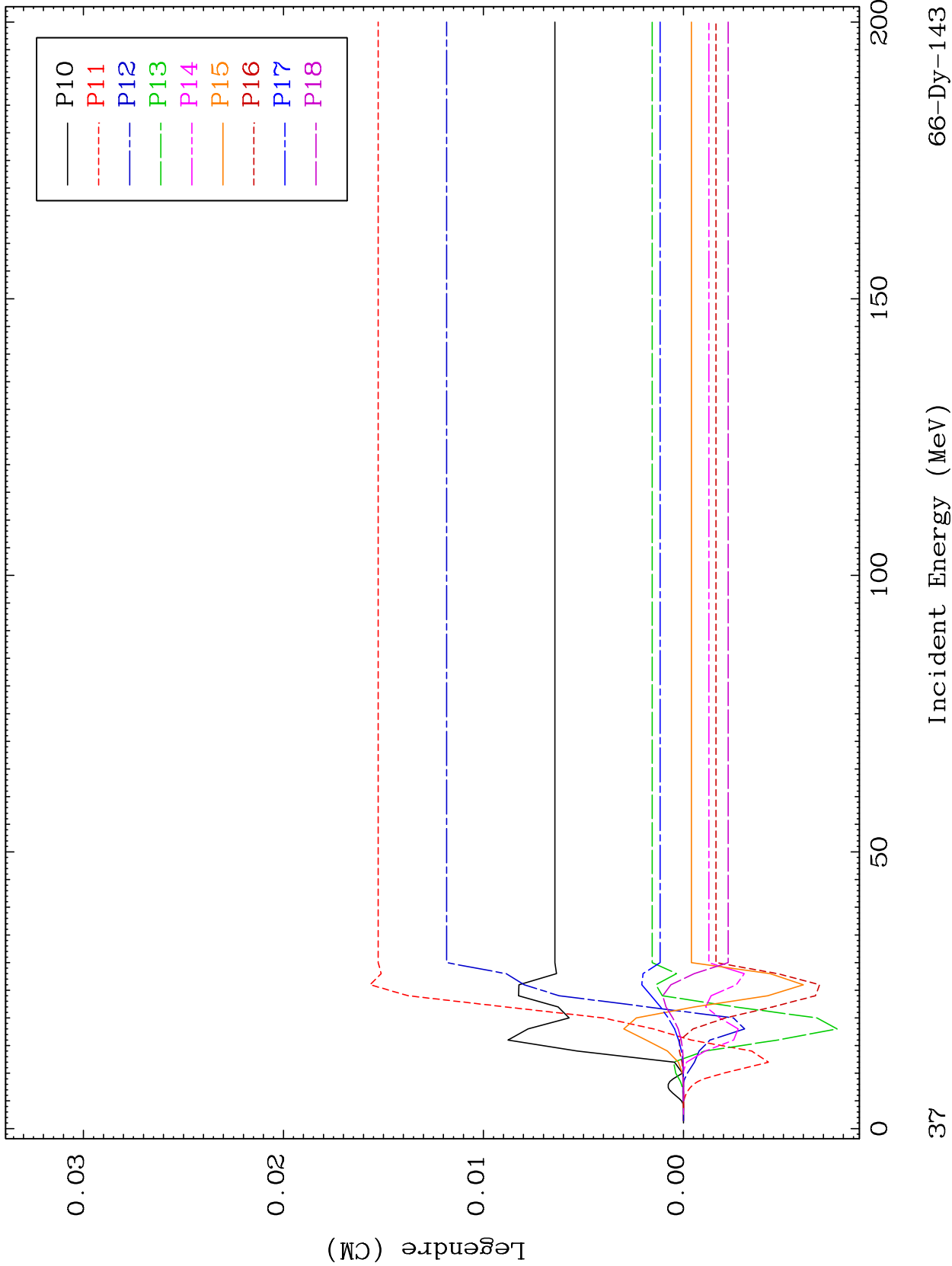
Incident Energy (MeV)

36

MAT 6586

433.3 keV (n,n') Level  
Legendre Coefficients

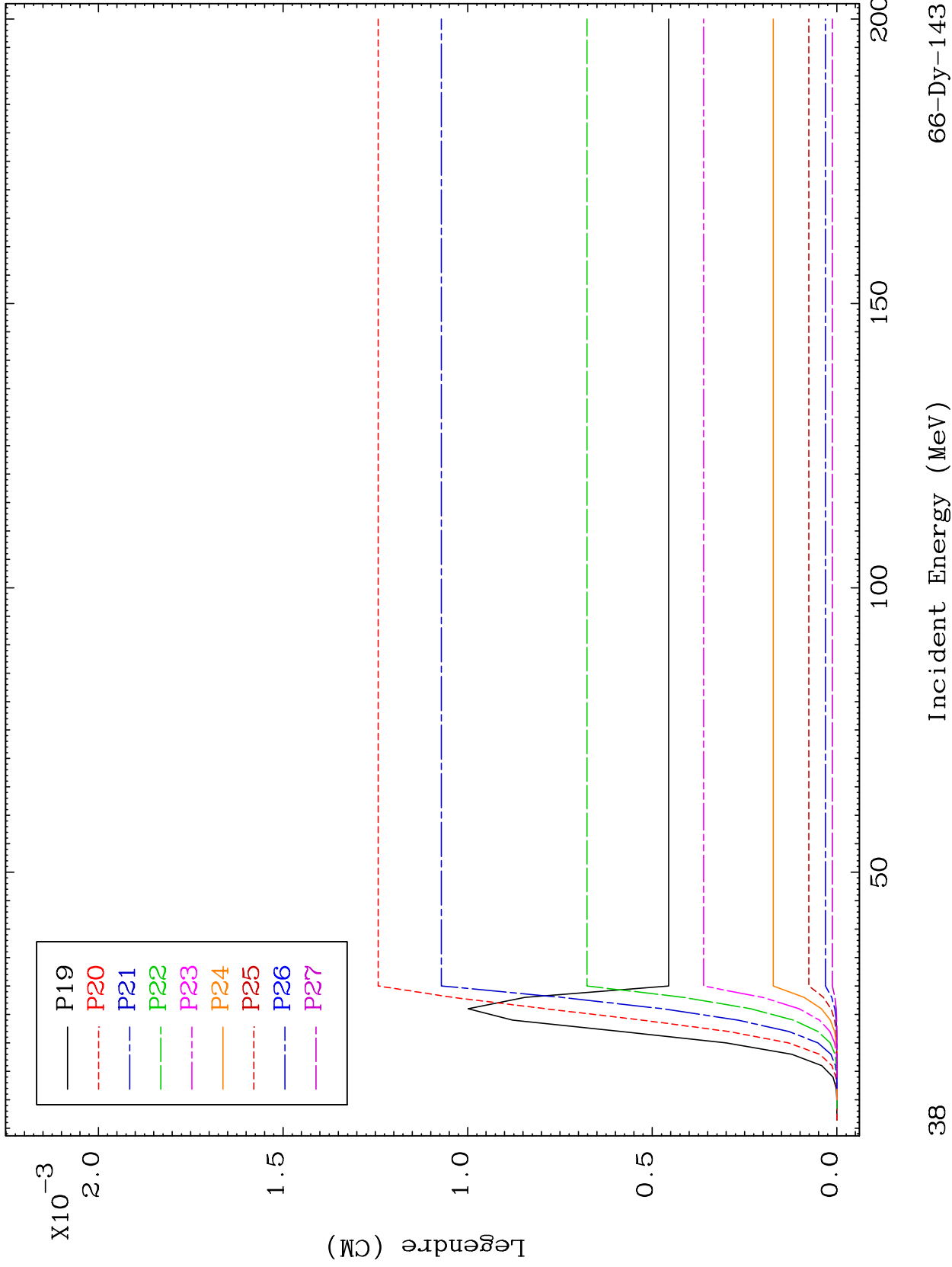
66-Dy-143



66-Dy-143

Incident Energy (MeV)

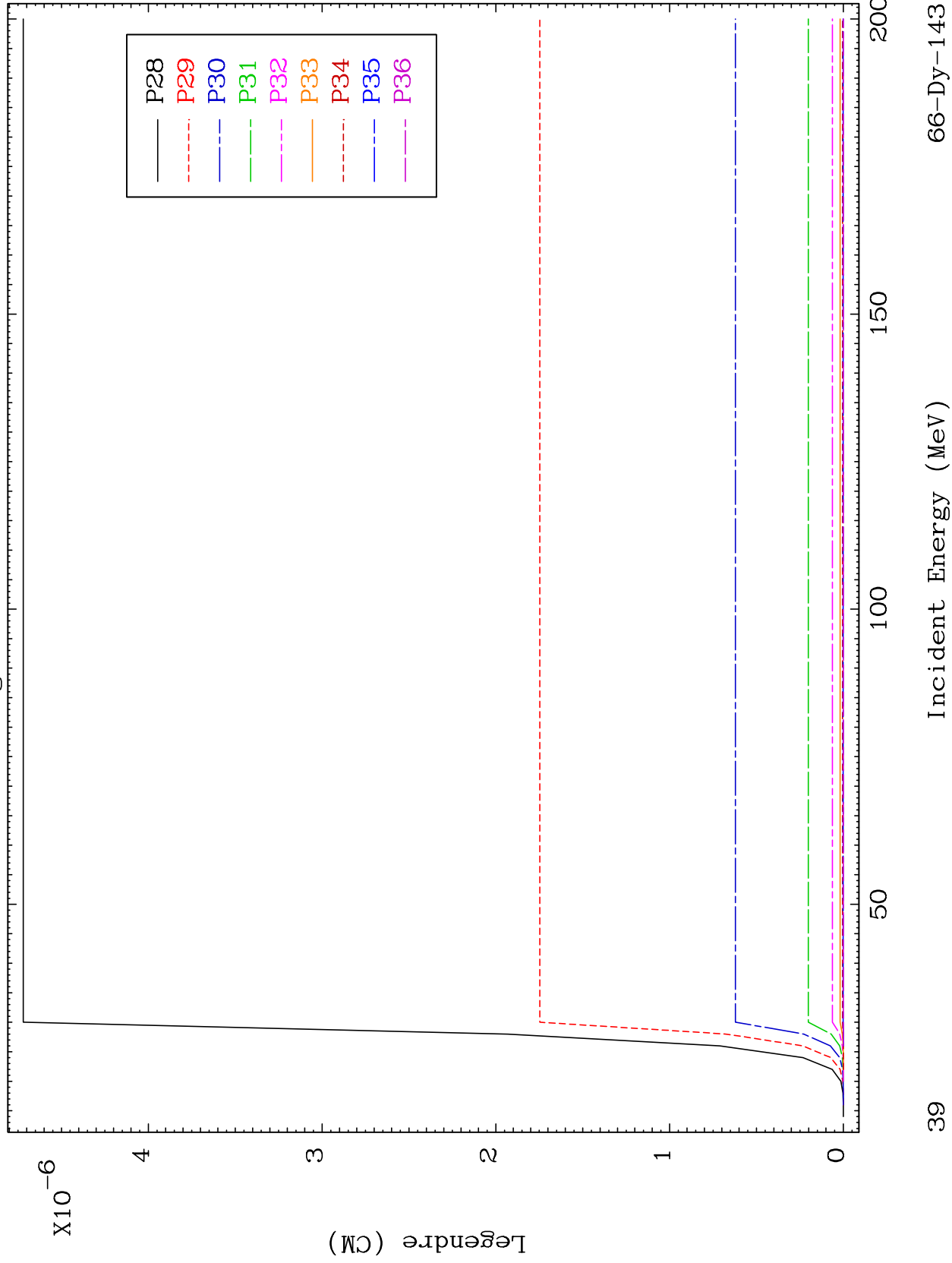
37



MAT 6586

433.3 keV (n,n') Level  
Legendre Coefficients

66-Dy-143



39

Incident Energy (MeV)

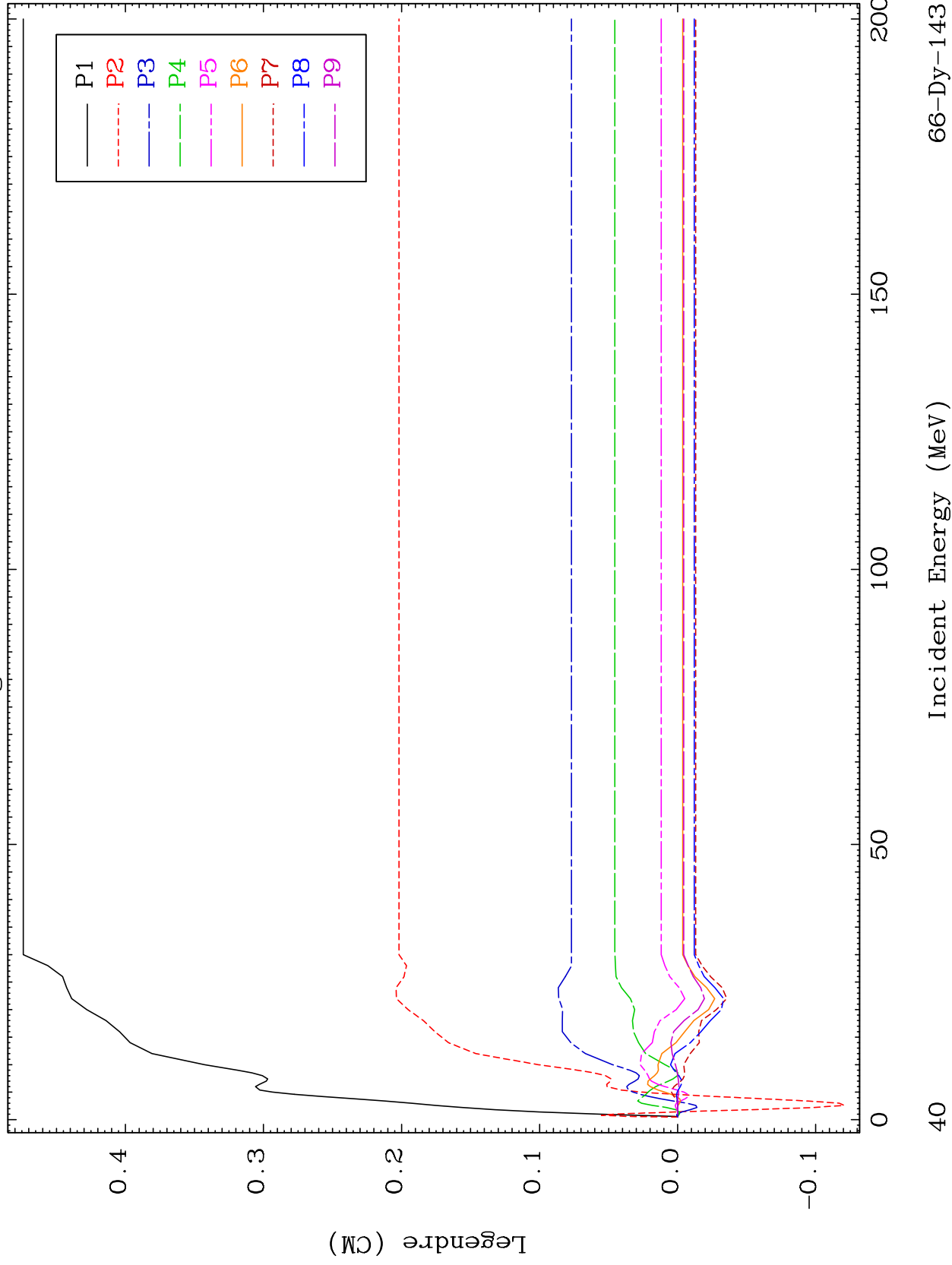
66-Dy-143



MAT 6586

471.8 keV (n,n') Level  
Legendre Coefficients

66-Dy-143

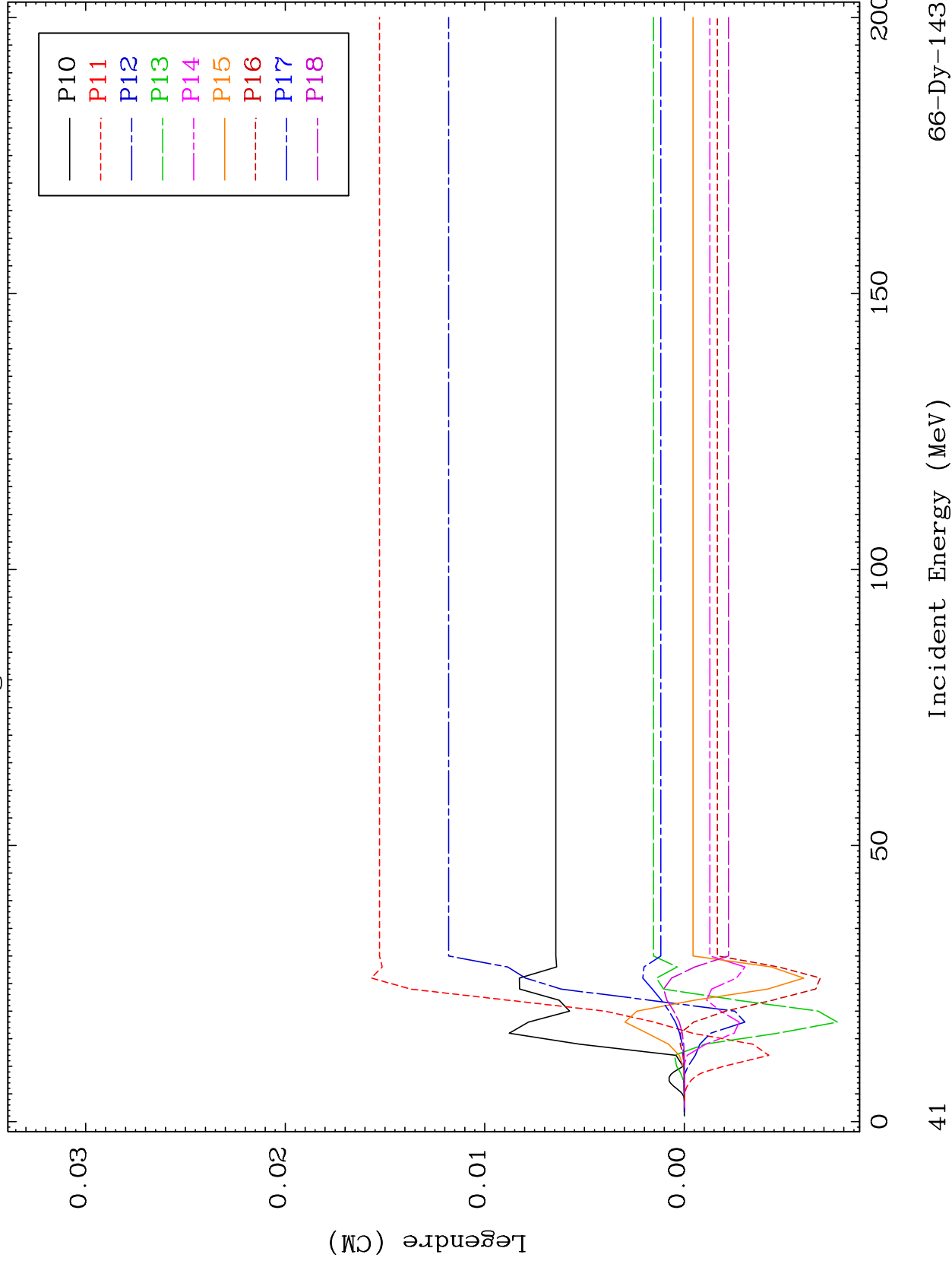


66-Dy-143

MAT 6586

471.8 keV (n,n') Level  
Legendre Coefficients

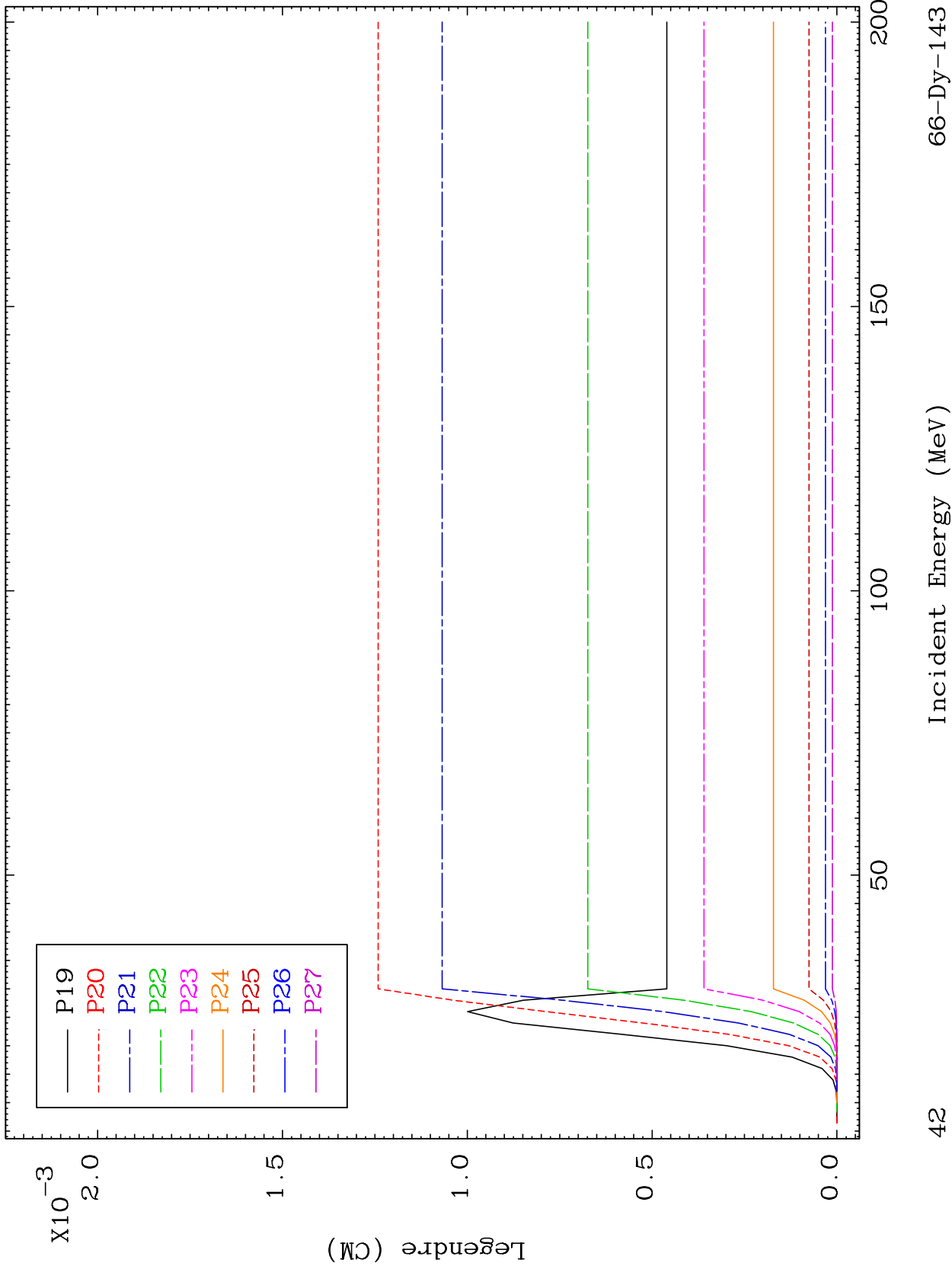
66-Dy-143



66-Dy-143

Incident Energy (MeV)

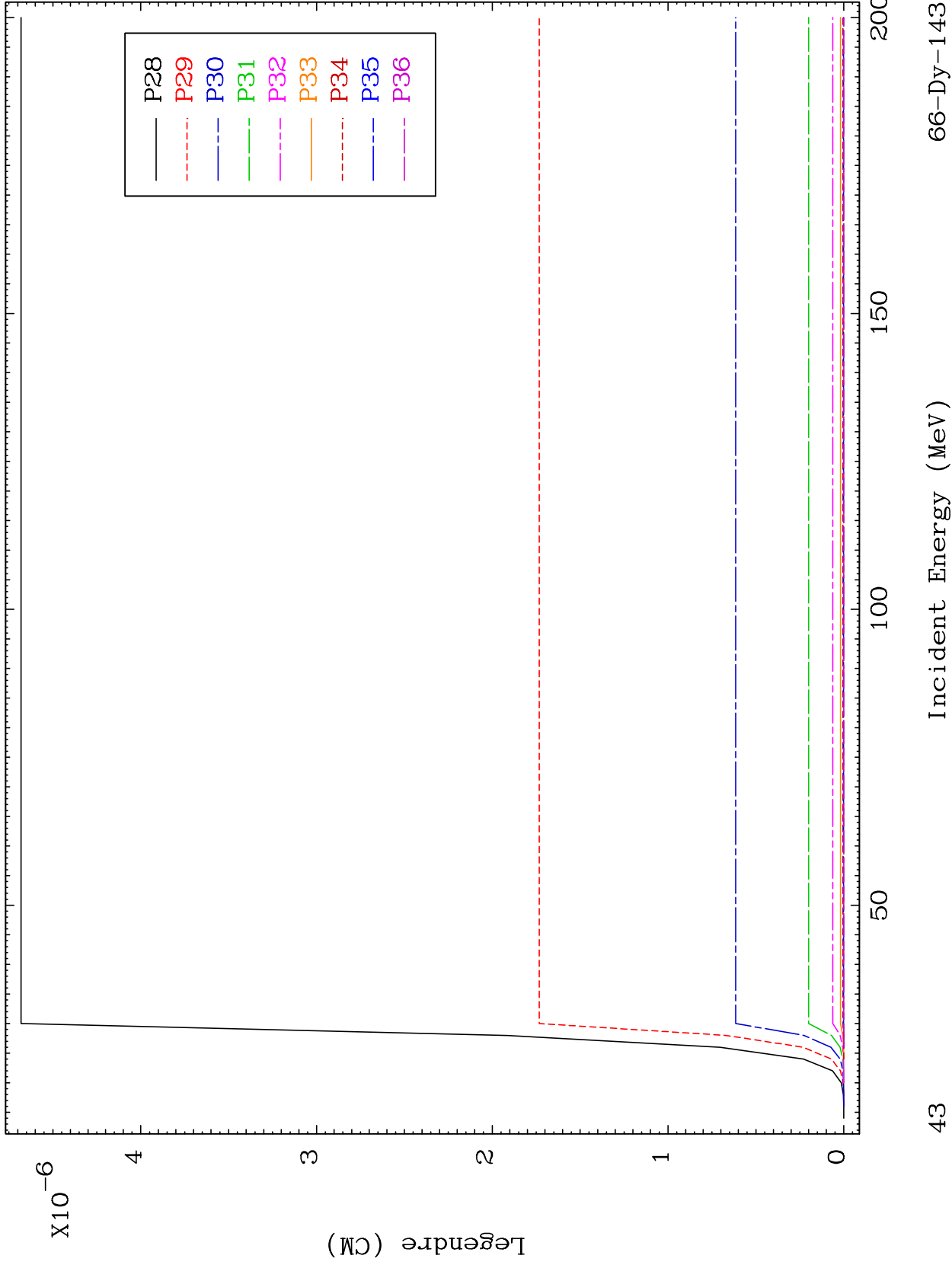
41



MAT 6586

471.8 keV (n,n') Level  
Legendre Coefficients

66-Dy-143

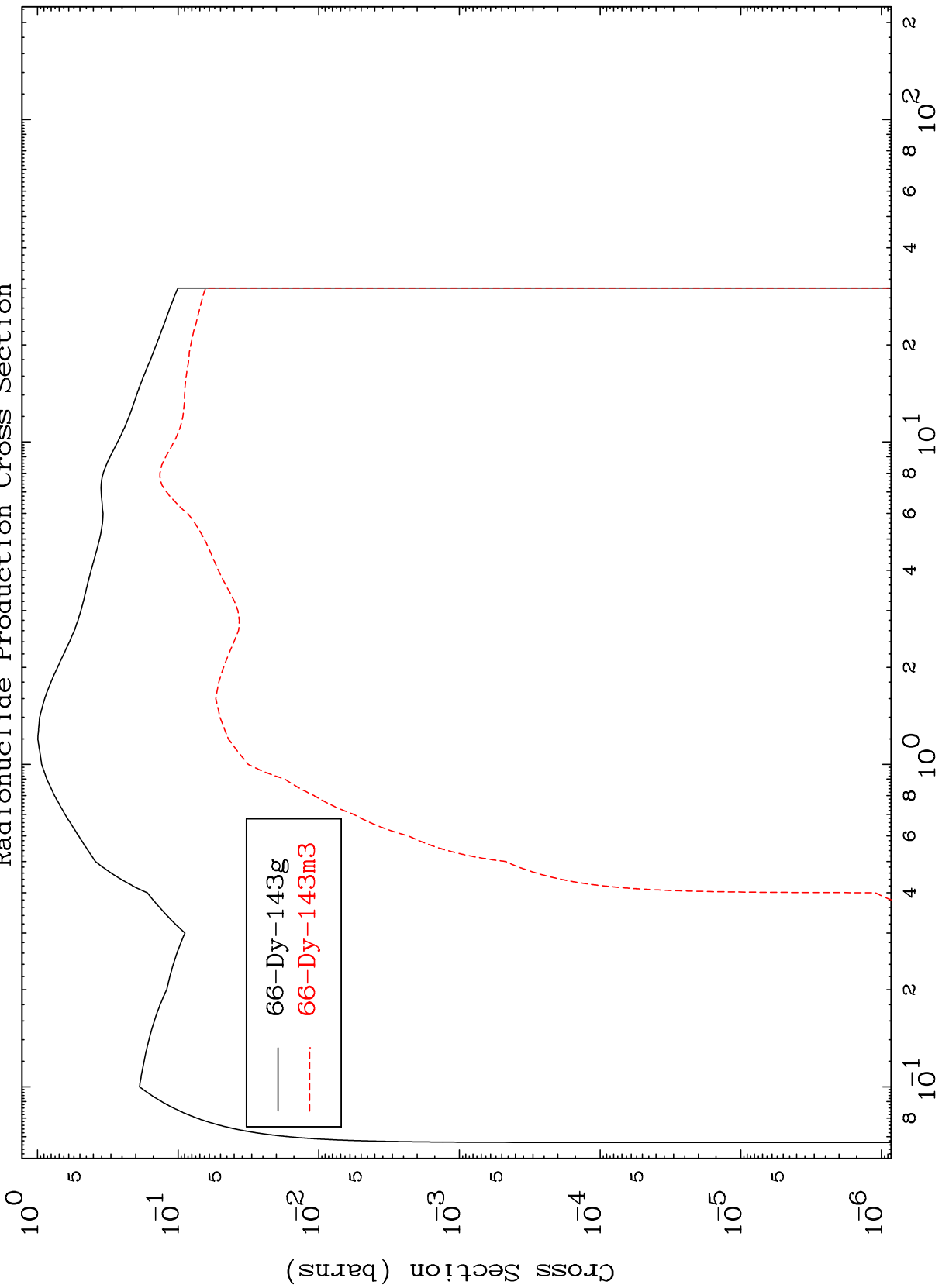


43

MAT 6586

66-Dy-143

### Inelastic Radionuclide Production Cross Section



44

Incident Energy (MeV)

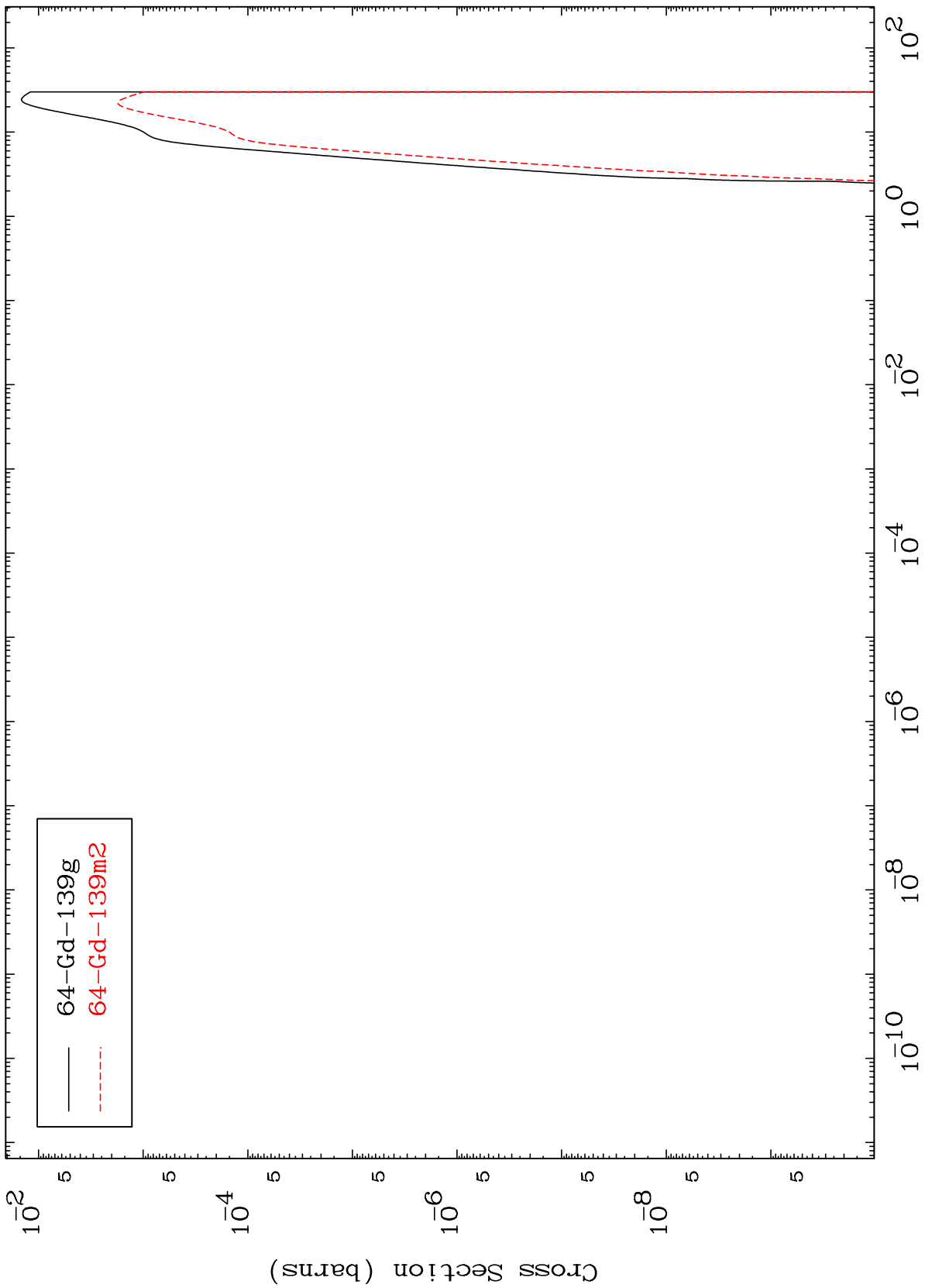
66-Dy-143

MAT 6586

$(n, n') \alpha$

66-Dy-143

Radionuclide Production Cross Section

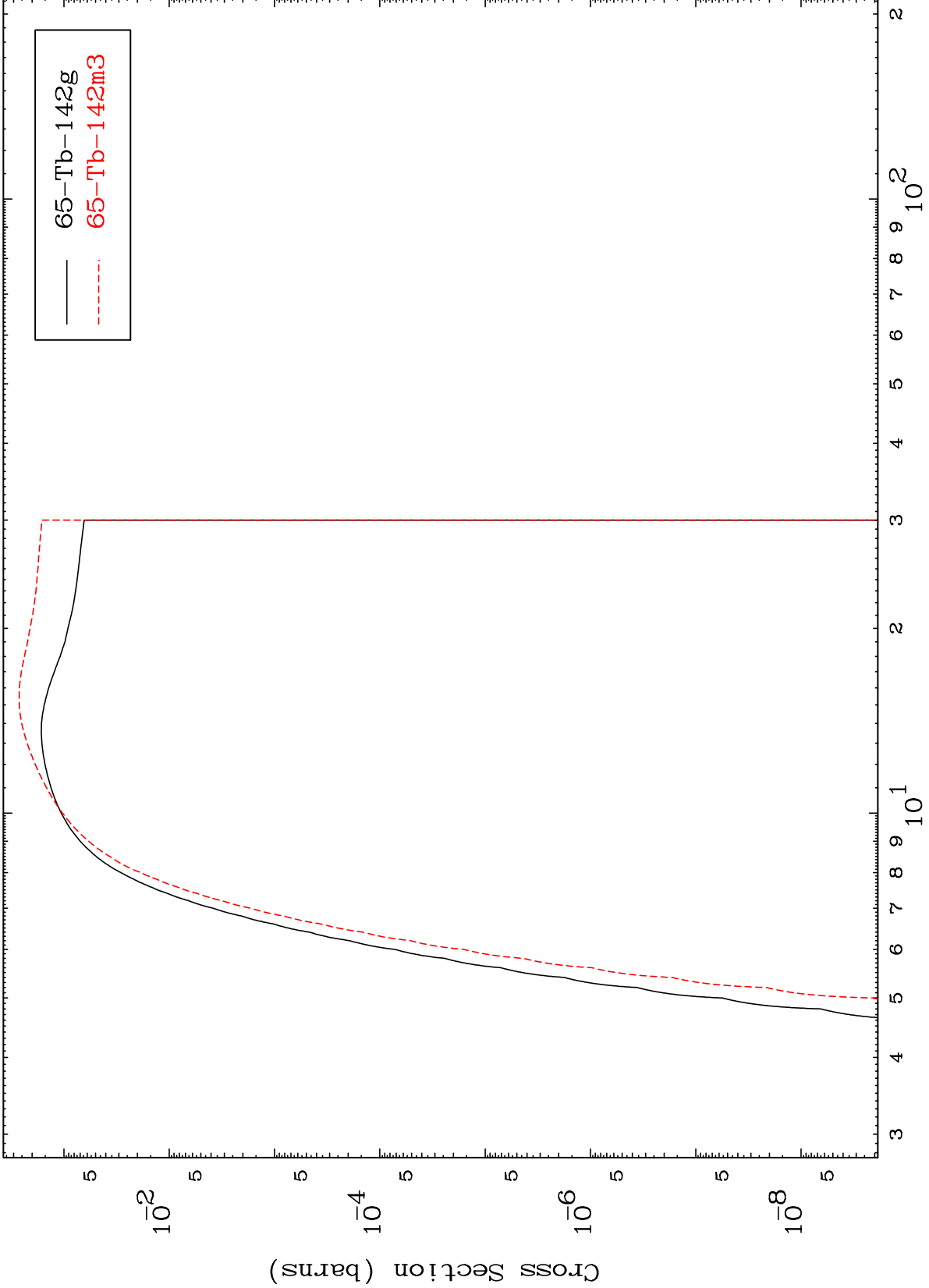


MAT 6586

(n,n') p

66-Dy-143

Radionuclide Production Cross Section



46

Incident Energy (MeV)

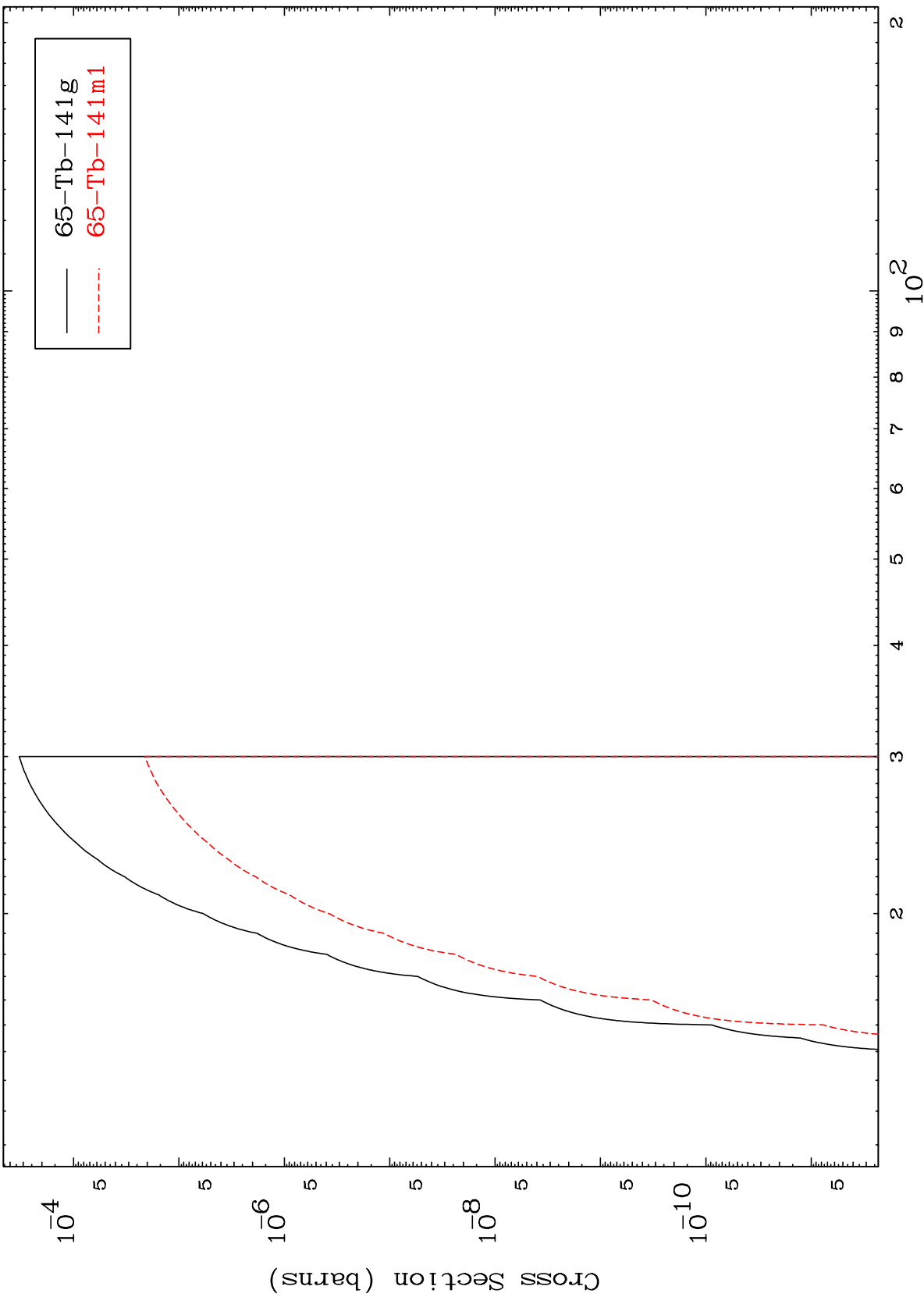
66-Dy-143

MAT 6586

(n,n') d

66-Dy-143

Radionuclide Production Cross Section

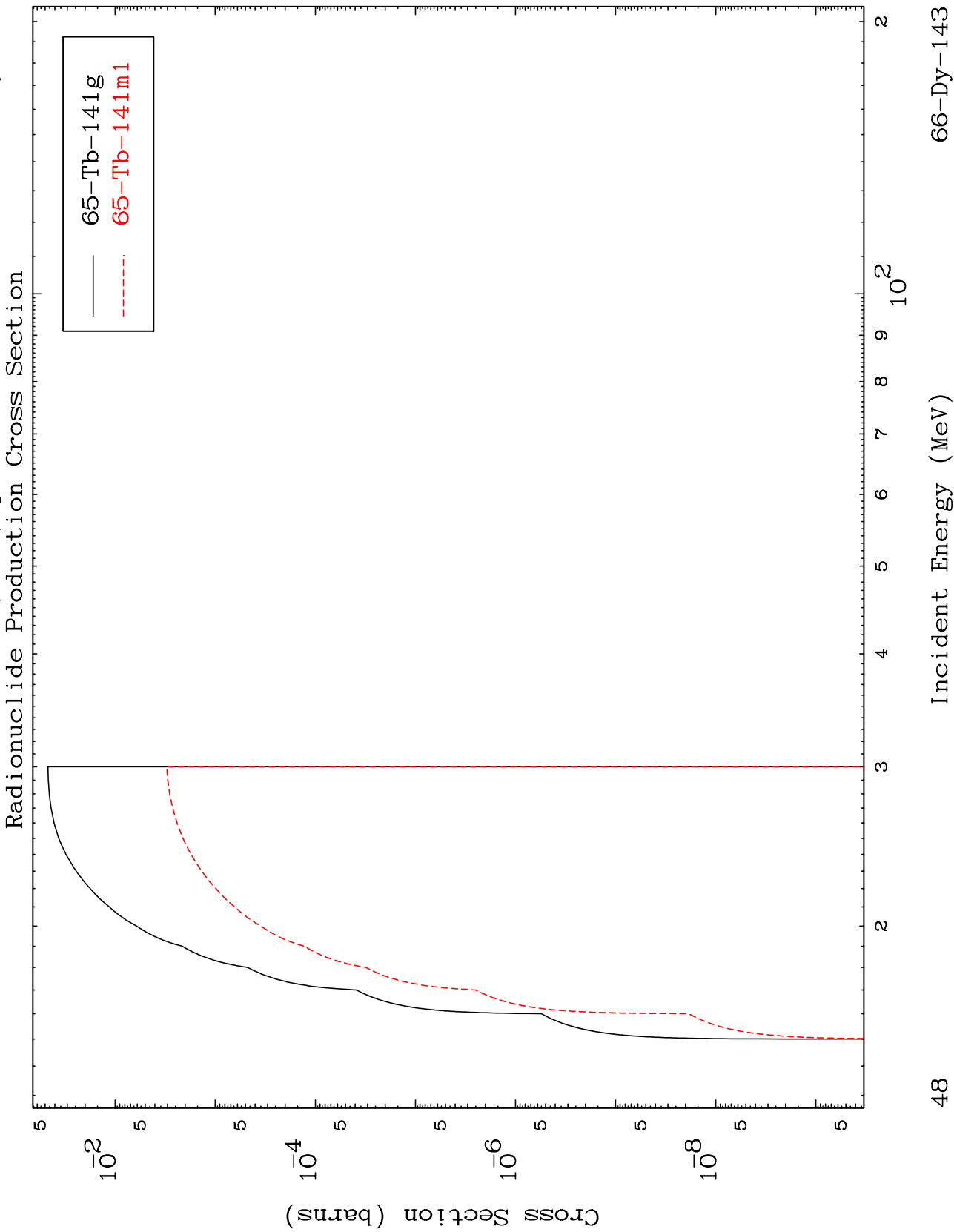


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Incident Energy (MeV)

66-Dy-143



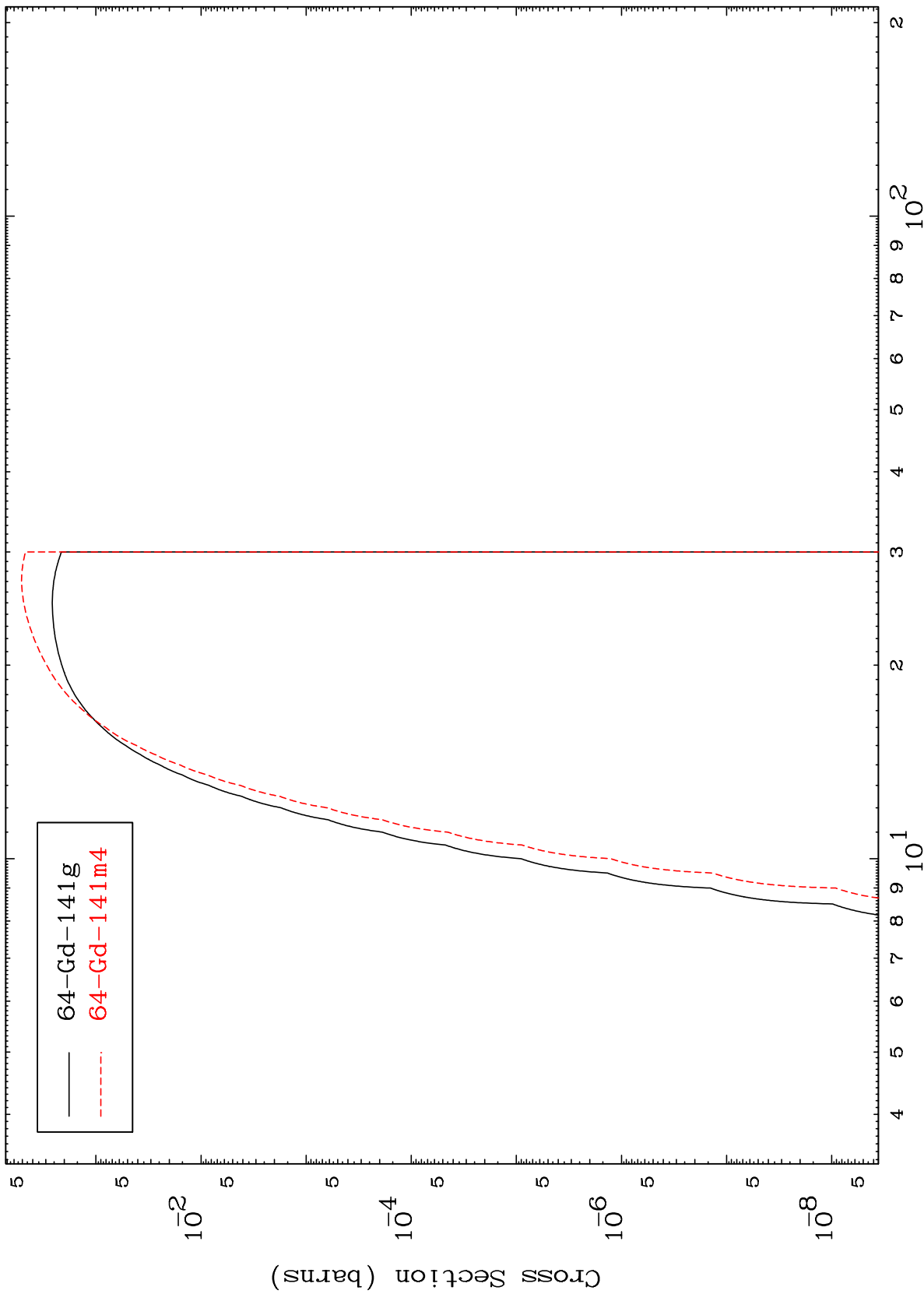


MAT 6586

(n,2n) p

66-Dy-143

Radionuclide Production Cross Section



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

49

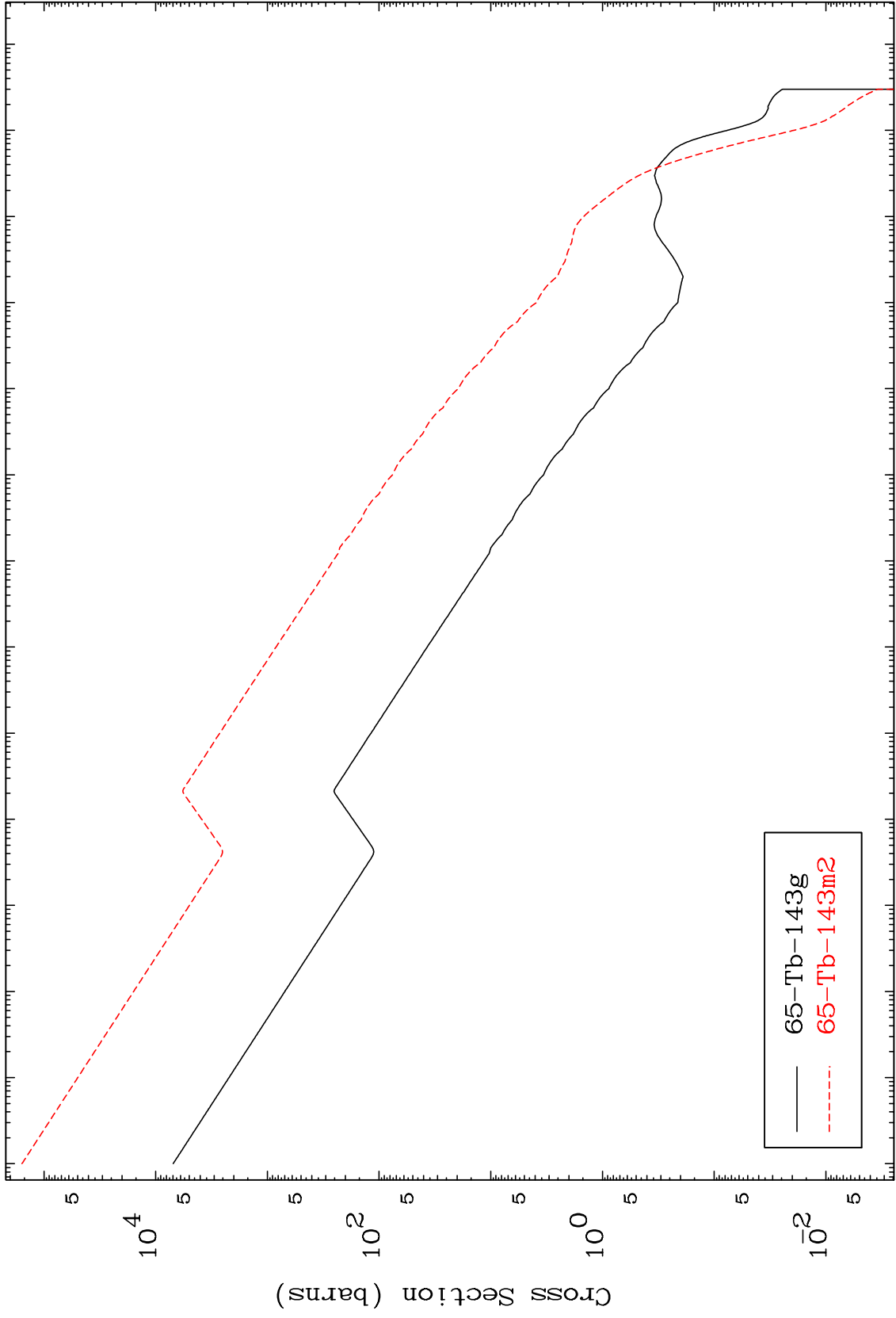
Incident Energy (MeV)

66-Dy-143

MAT 6586

66-Dy-143

(n,p)  
Radionuclide Production Cross Section



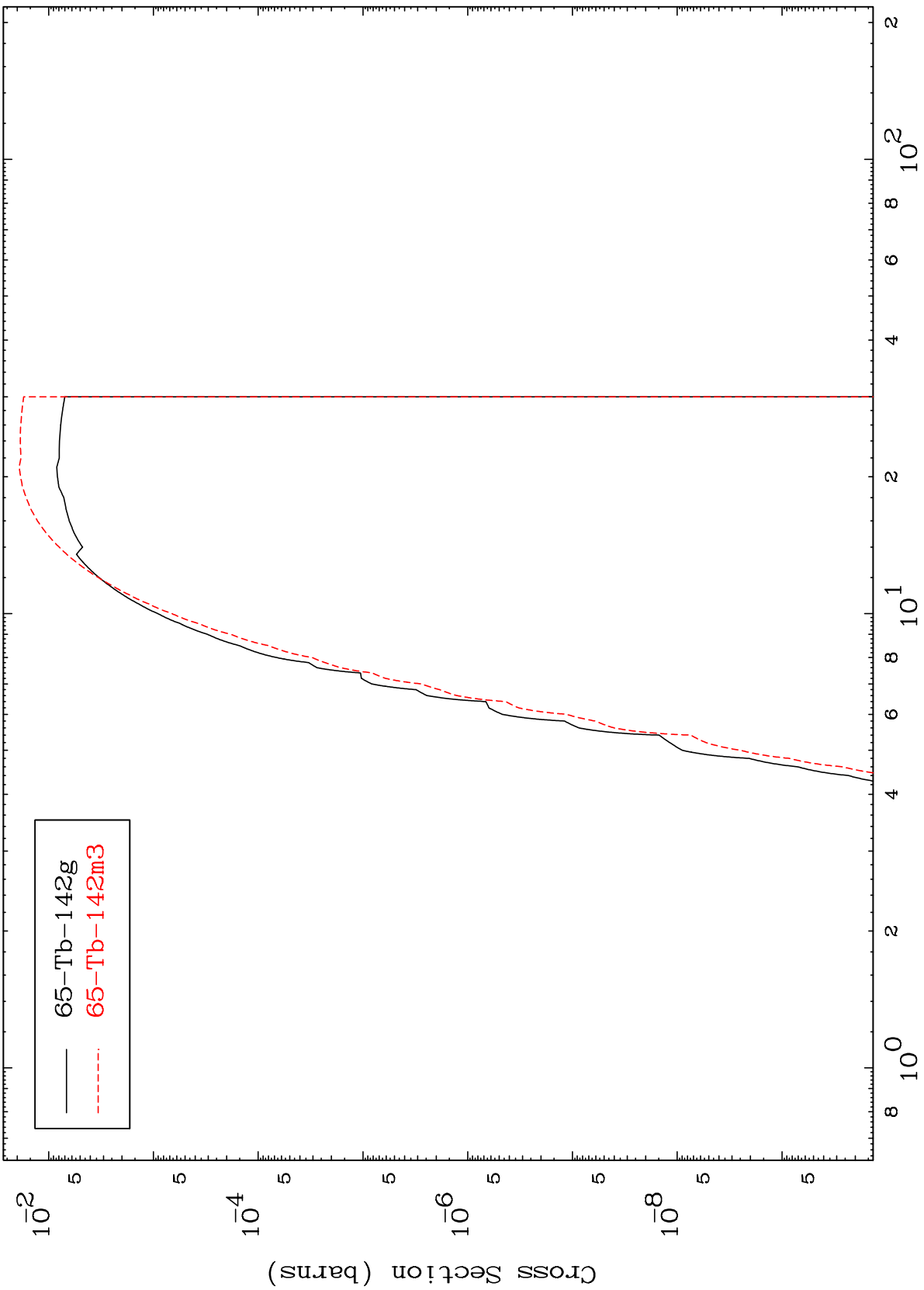
— 65-Tb-143g  
- - - 65-Tb-143m2

MAT 6586

(n,d)

66-Dy-143

Radionuclide Production Cross Section



51

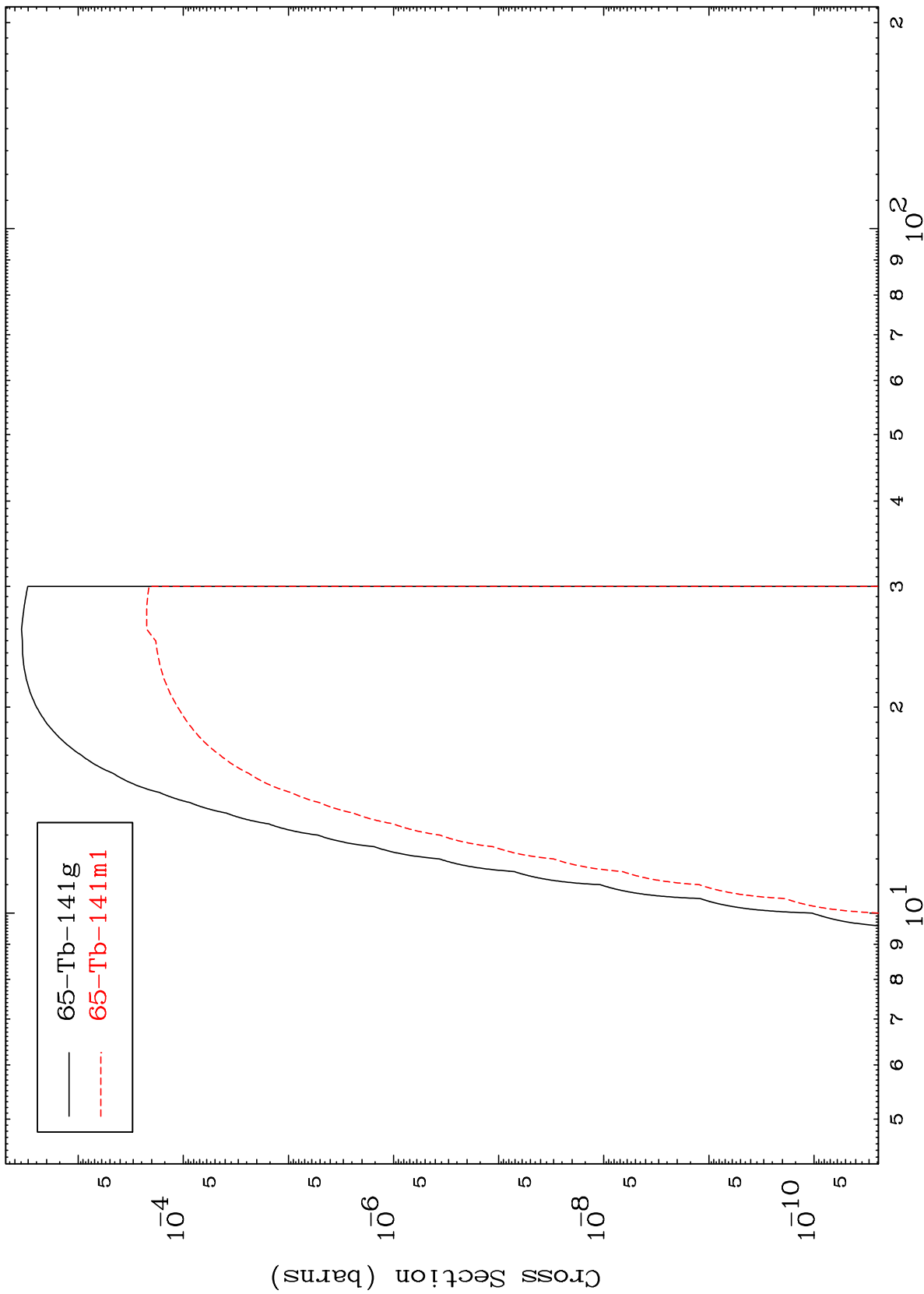
Incident Energy (MeV)

66-Dy-143

MAT 6586

66-Dy-143

(n, t)  
Radionuclide Production Cross Section



52

Incident Energy (MeV)

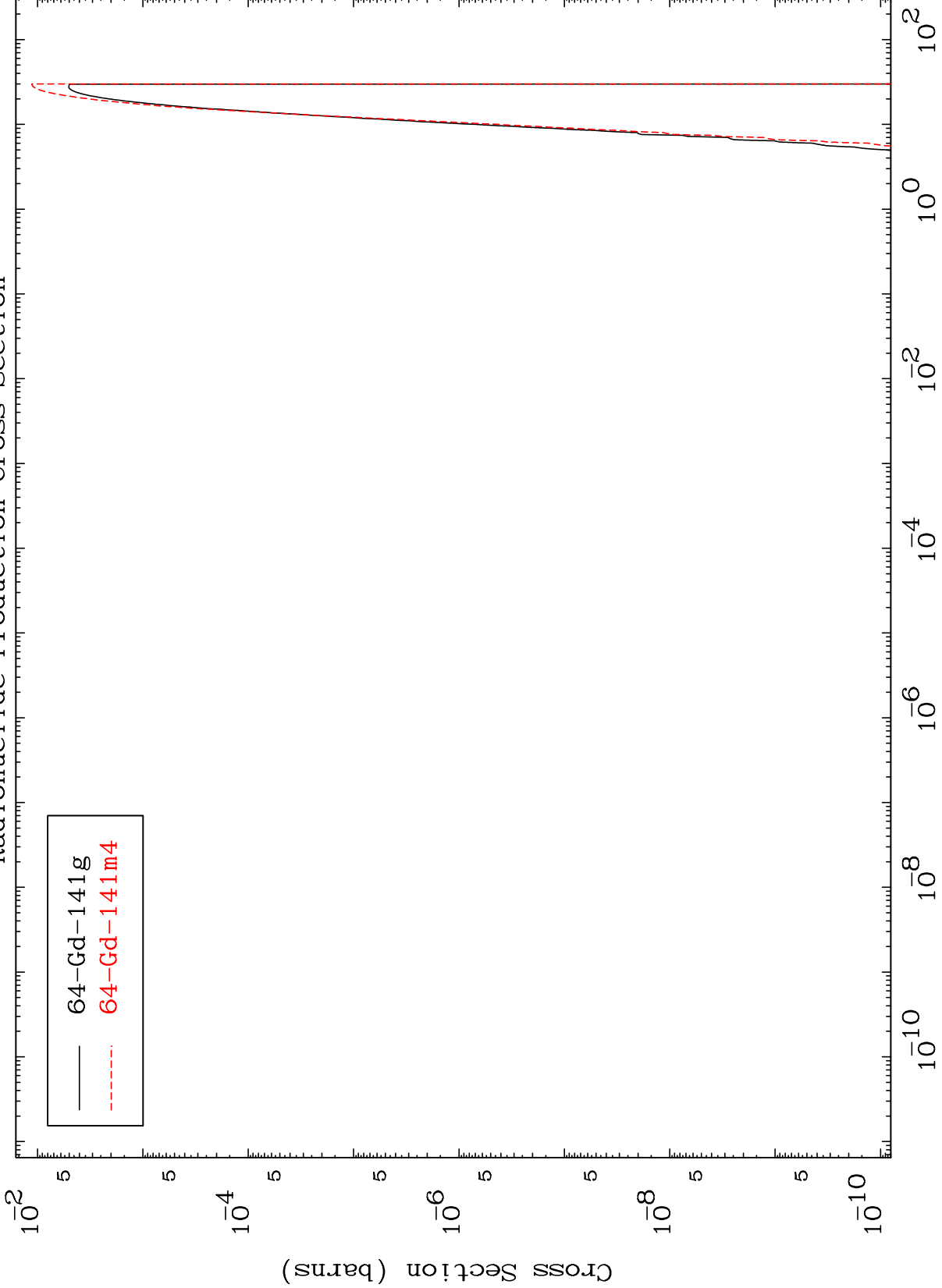
66-Dy-143

MAT 6586

(n,He-3)

66-Dy-143

Radionuclide Production Cross Section

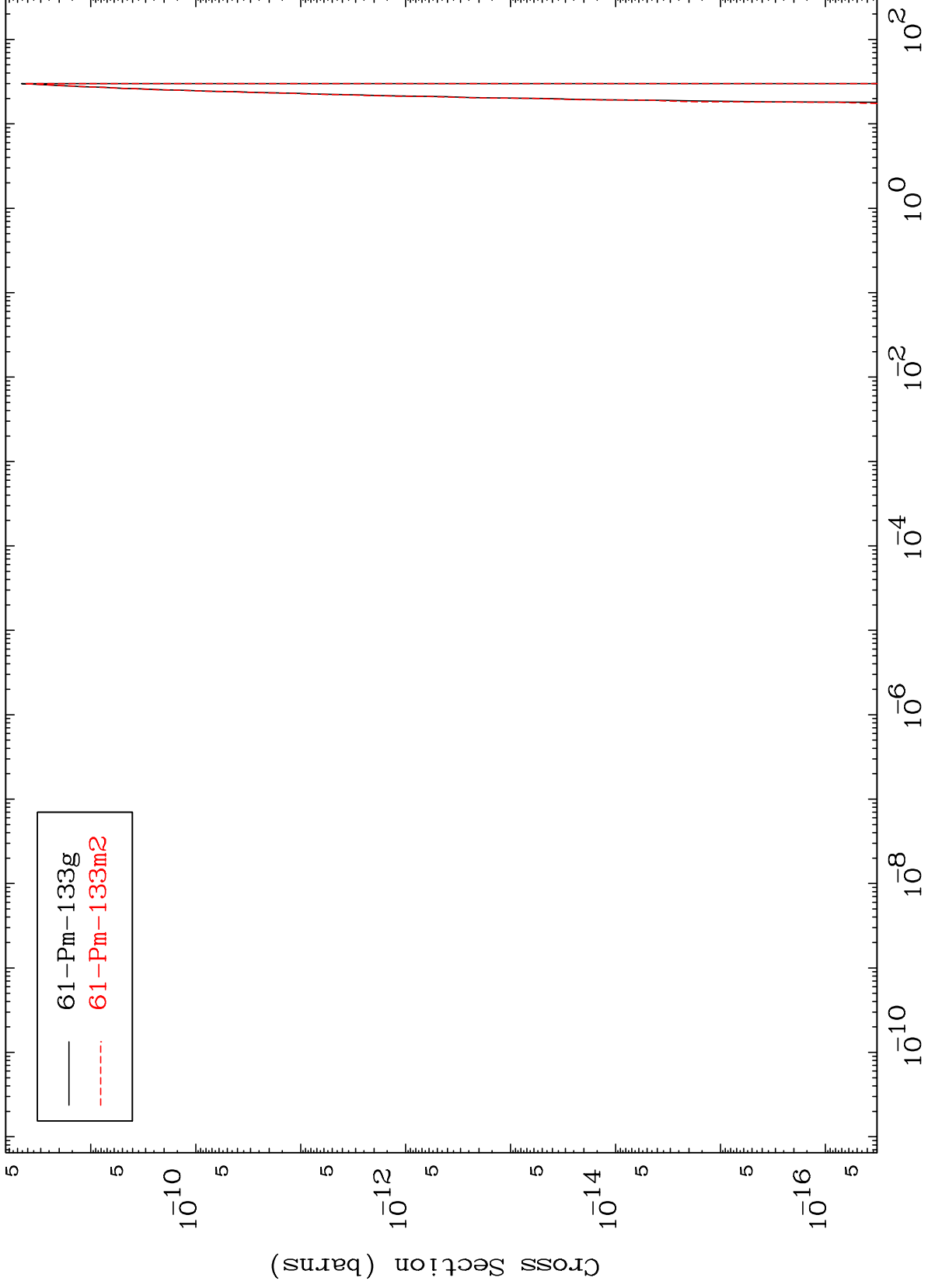


MAT 6586

(n,t) 2 $\alpha$

66-Dy-143

Radionuclide Production Cross Section



54

Incident Energy (MeV)

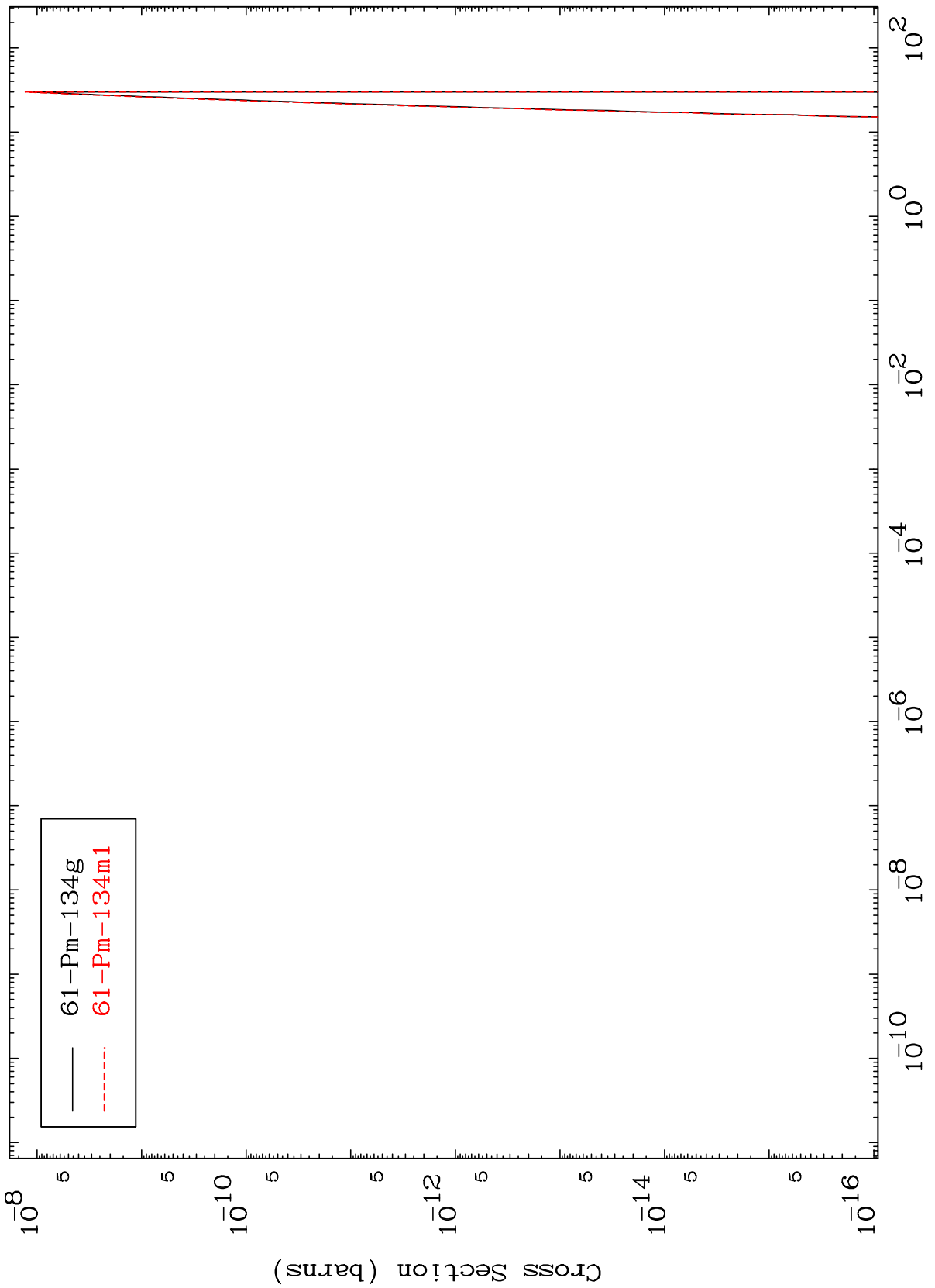
66-Dy-143

MAT 6586

(n,d)  $2\alpha$

$^{66}\text{Dy}-143$

Radionuclide Production Cross Section



55

Incident Energy (MeV)

$^{66}\text{Dy}-143$

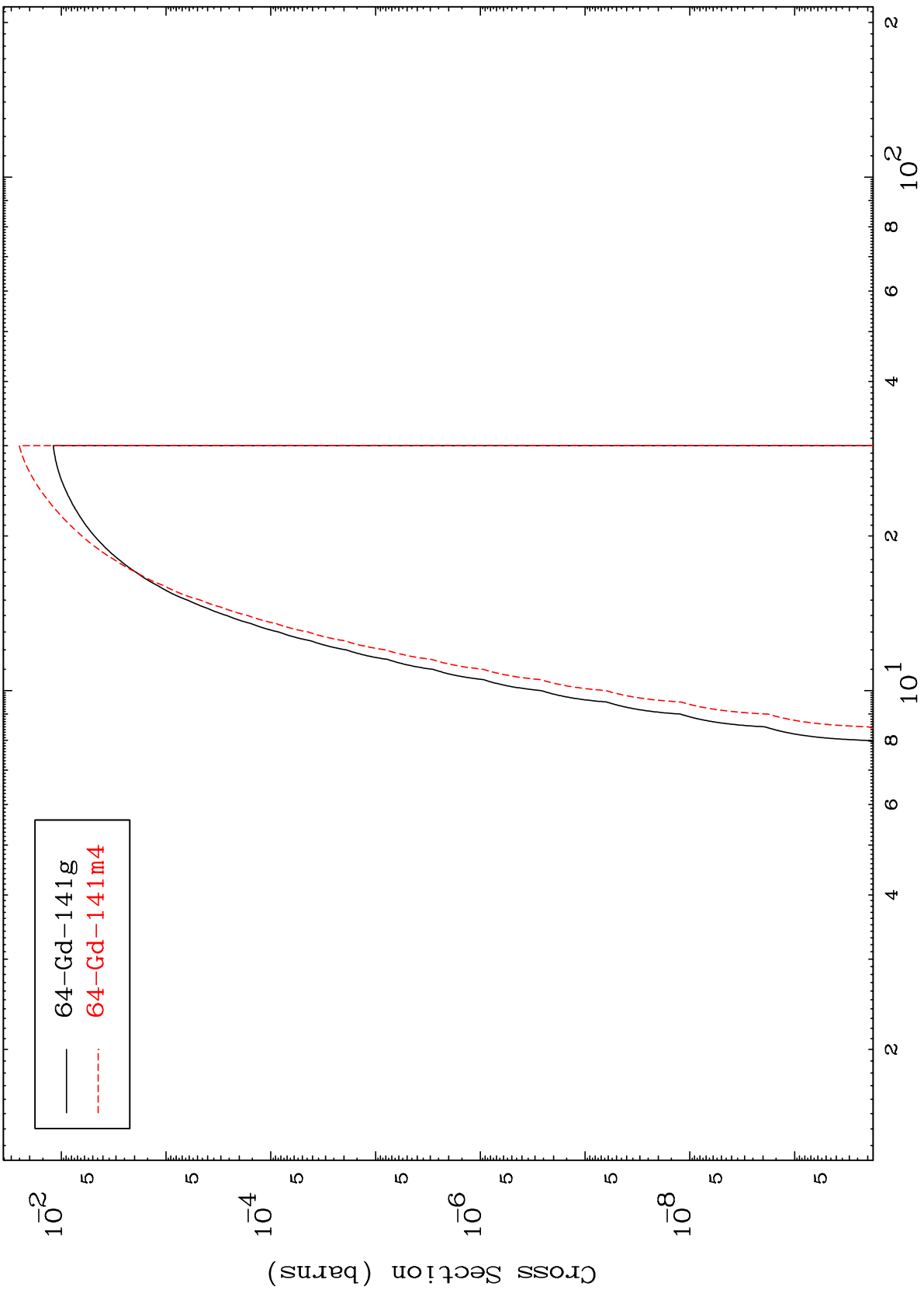


MAT 6586

(n,p) d

66-Dy-143

Radionuclide Production Cross Section



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

56

Incident Energy (MeV)

66-Dy-143