

Program EVALPLOT  
(Version 2018-1)

by

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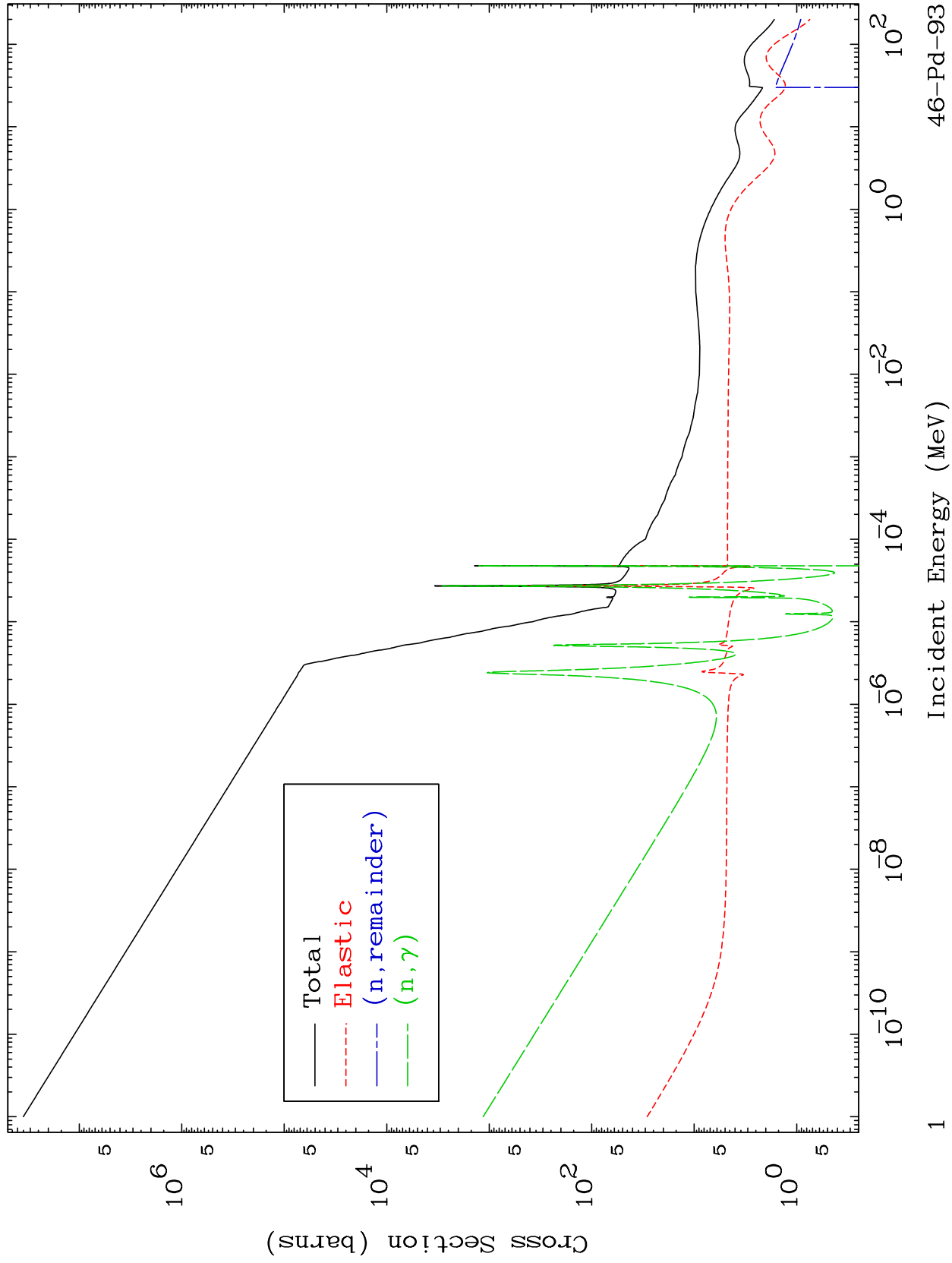
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4598

Major  
293 Kelvin Cross Sections

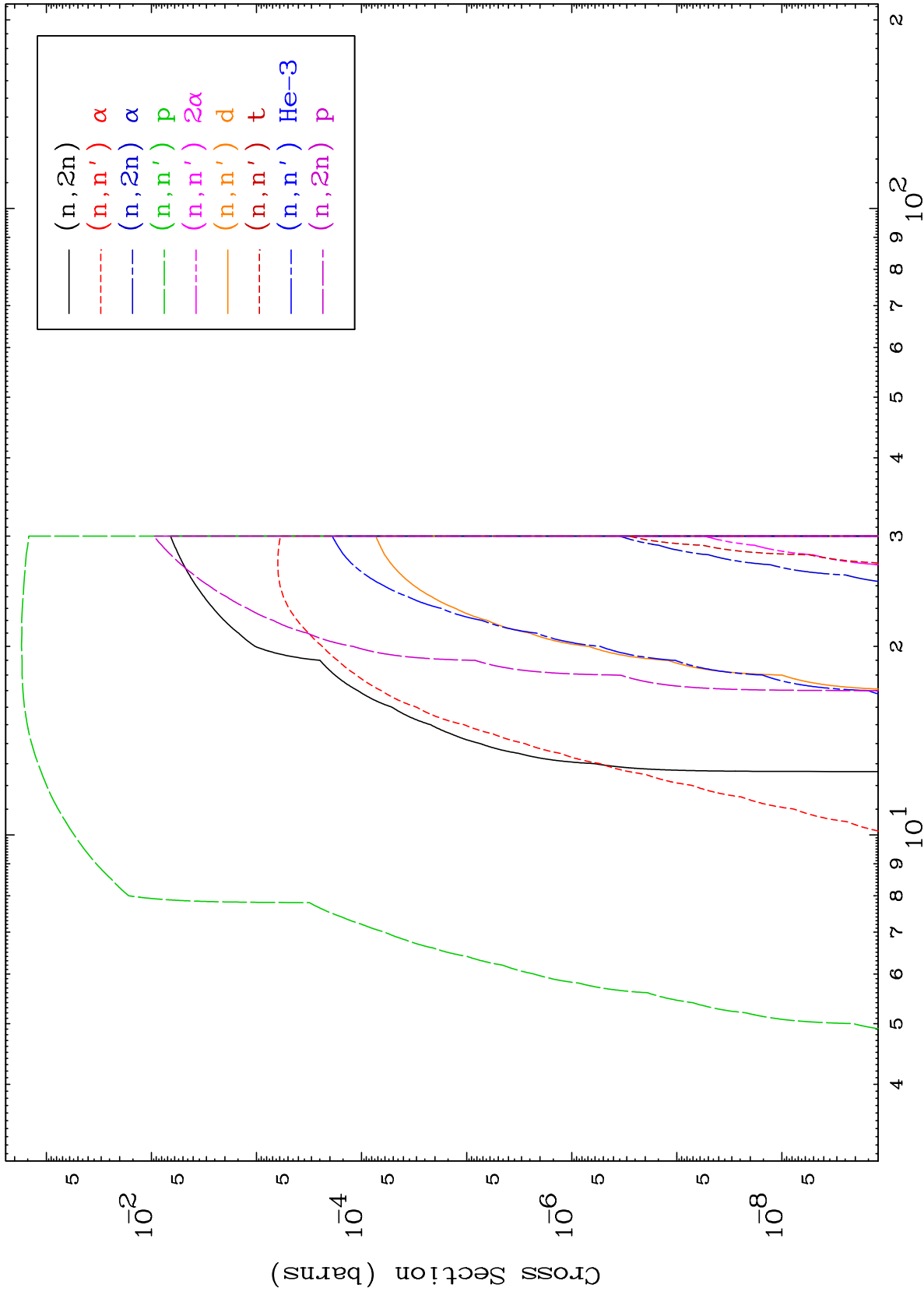
46-Pd-93



MAT 4598

### Neutron Production 293 Kelvin Cross Sections

46-Pd-93



2

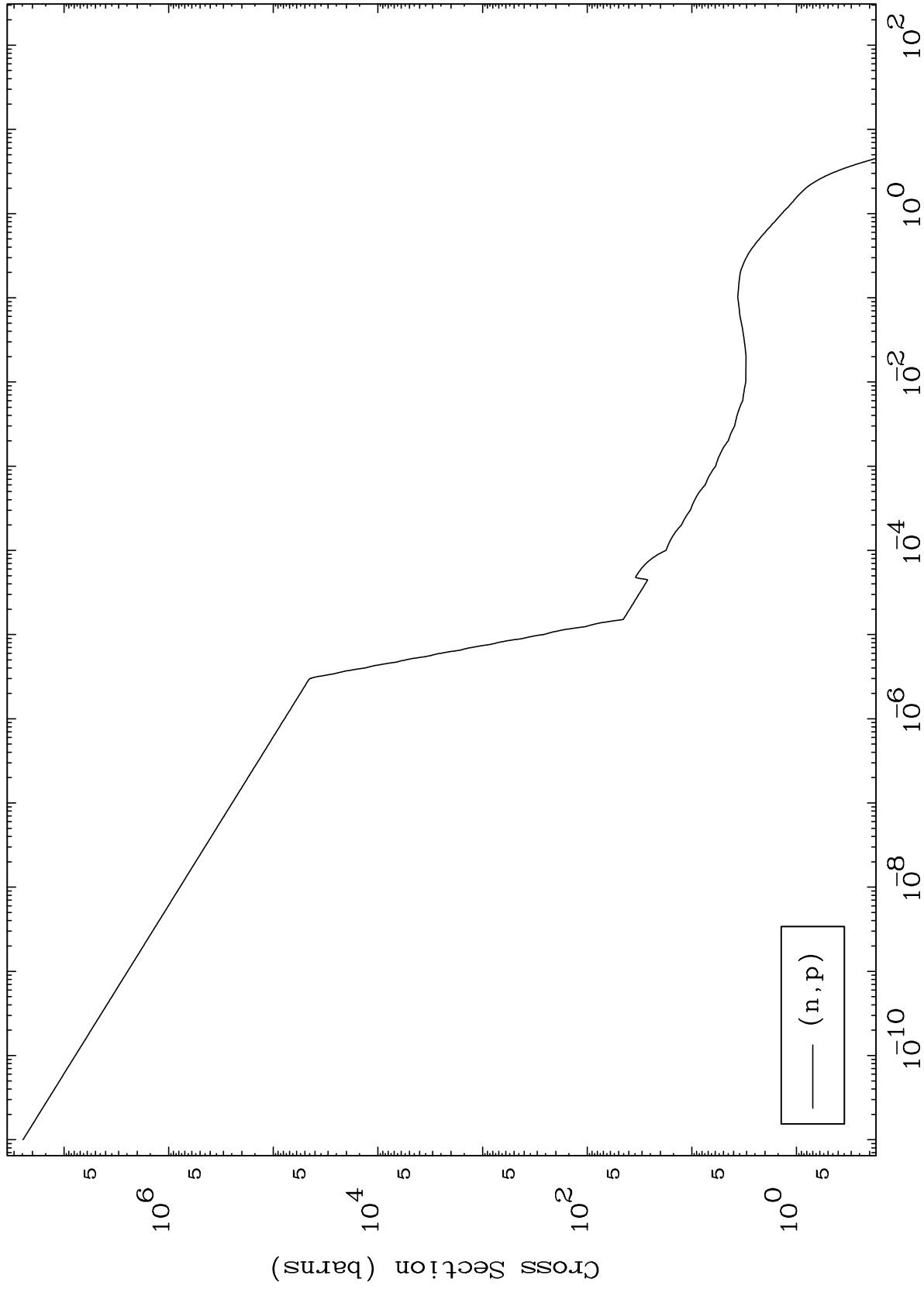
Incident Energy (MeV)

46-Pd-93

MAT 4598

Charged Particle  
293 Kelvin Cross Sections

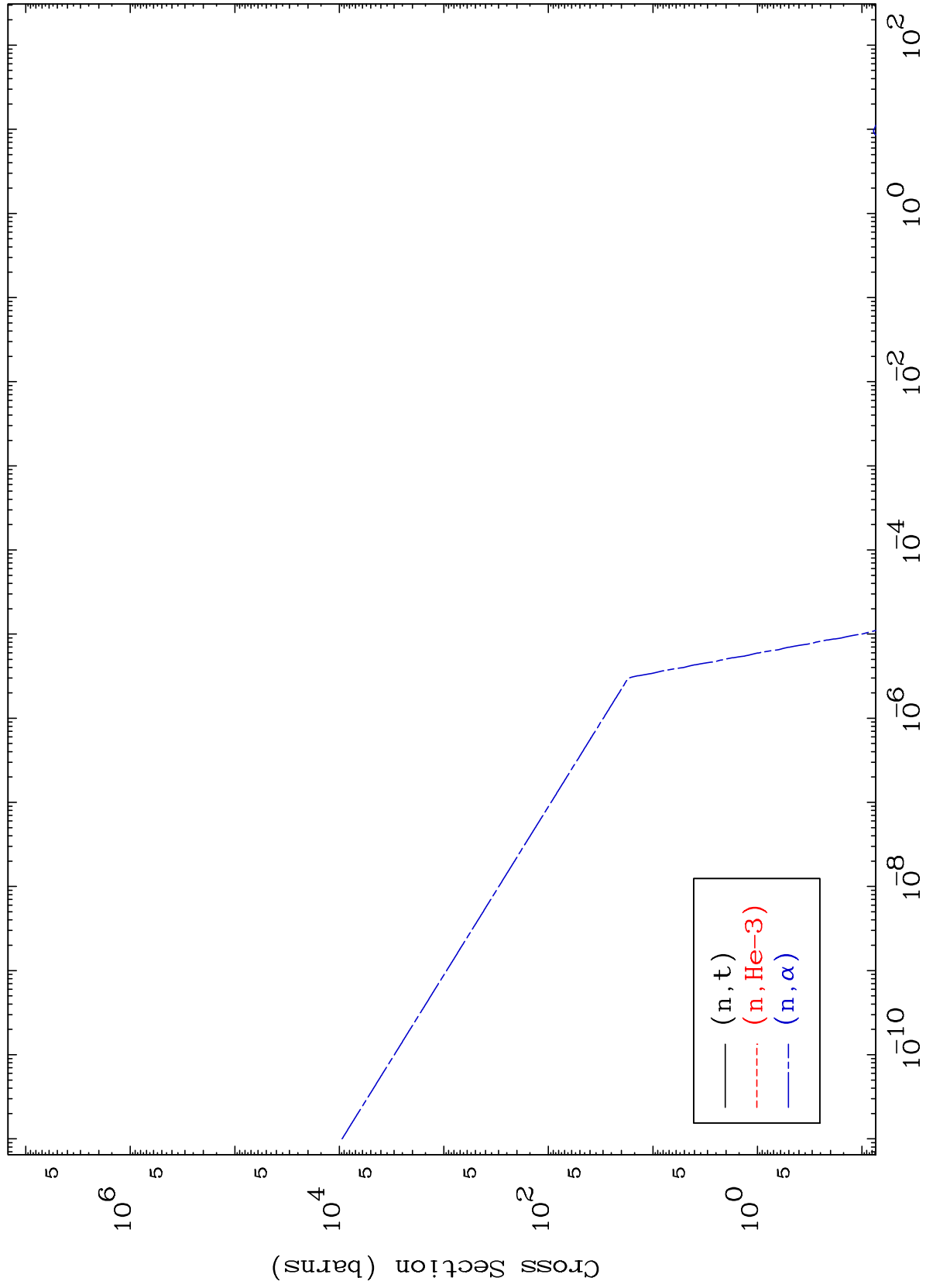
46-Pd-93



3

Incident Energy (MeV)

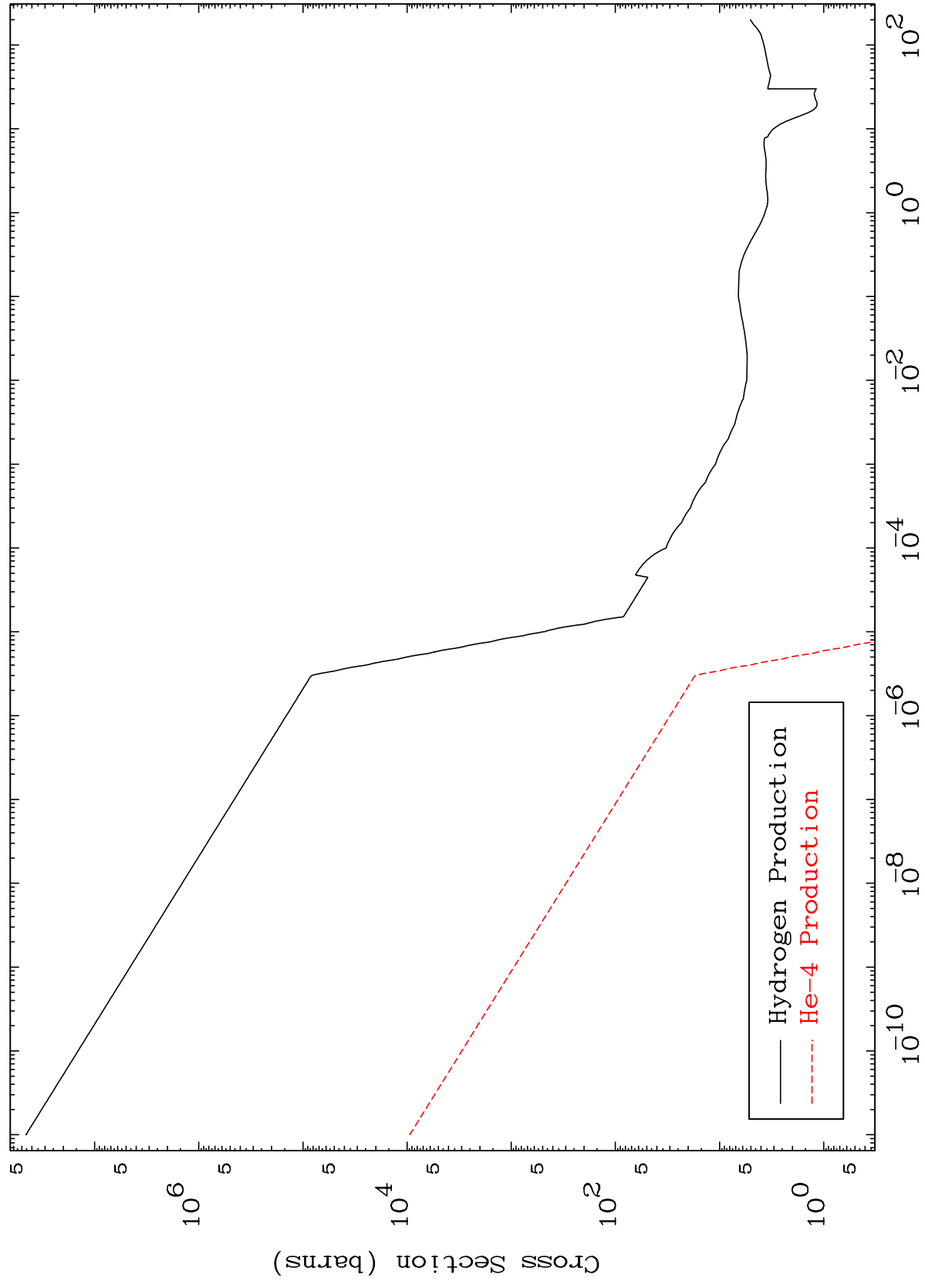
46-Pd-93



MAT 4598

Particle Production  
293 Kelvin Cross Sections

46-Pd-93



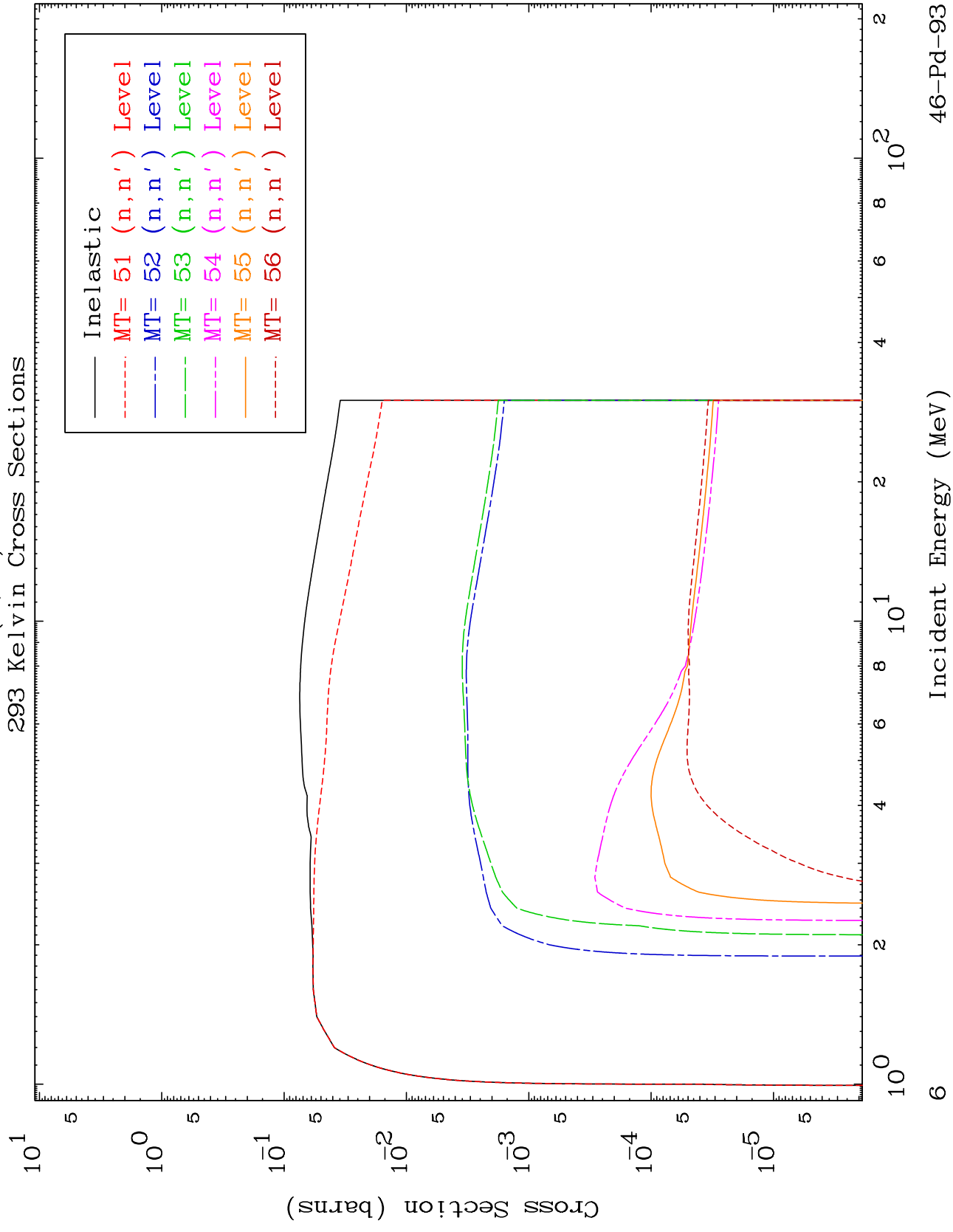
5

46-Pd-93

MAT 4598

(n,n') Level

46-Pd-93

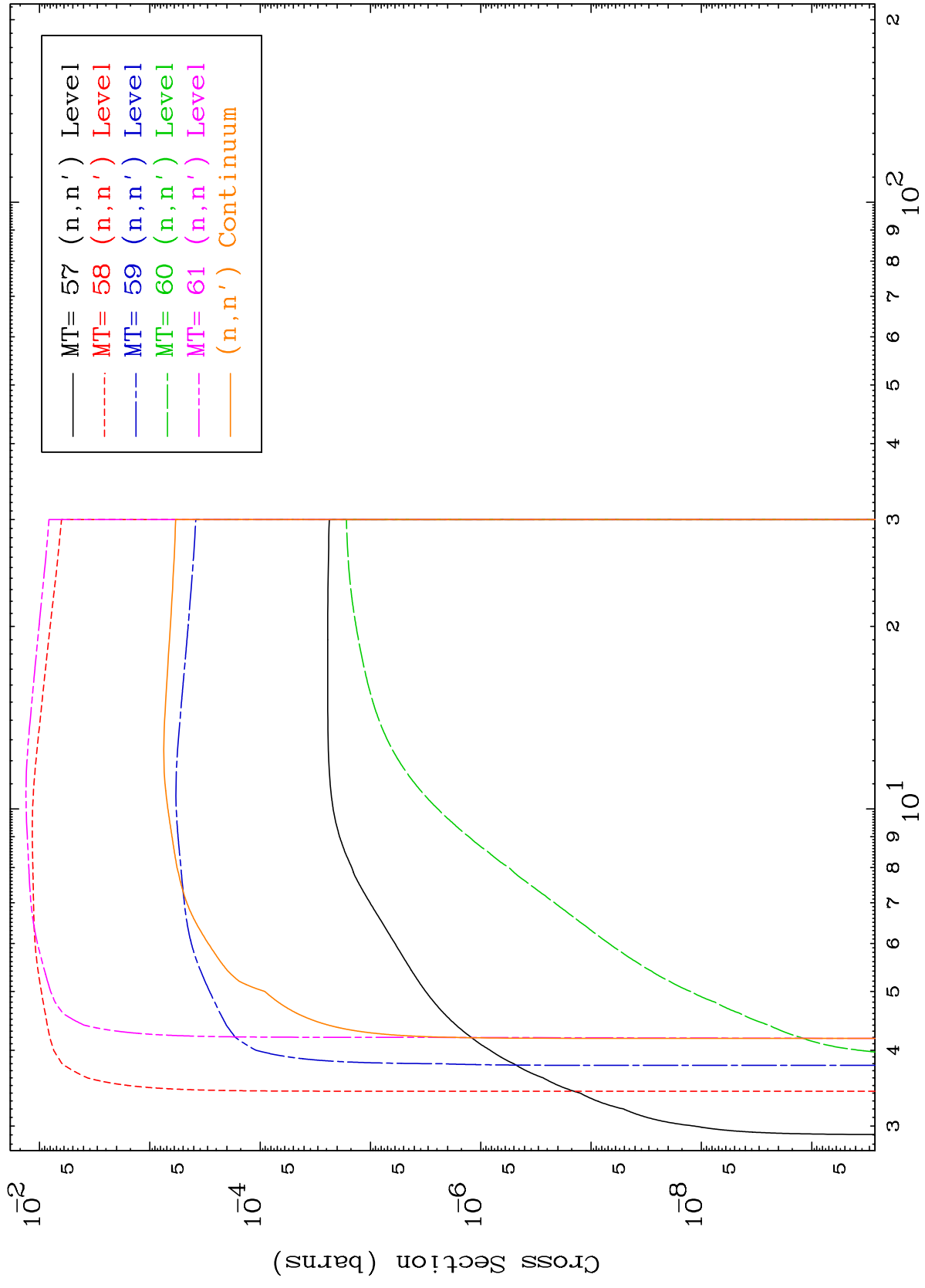


MAT 4598

(n,n') Level

46-Pd-93

293 Kelvin Cross Sections



7

Incident Energy (MeV)

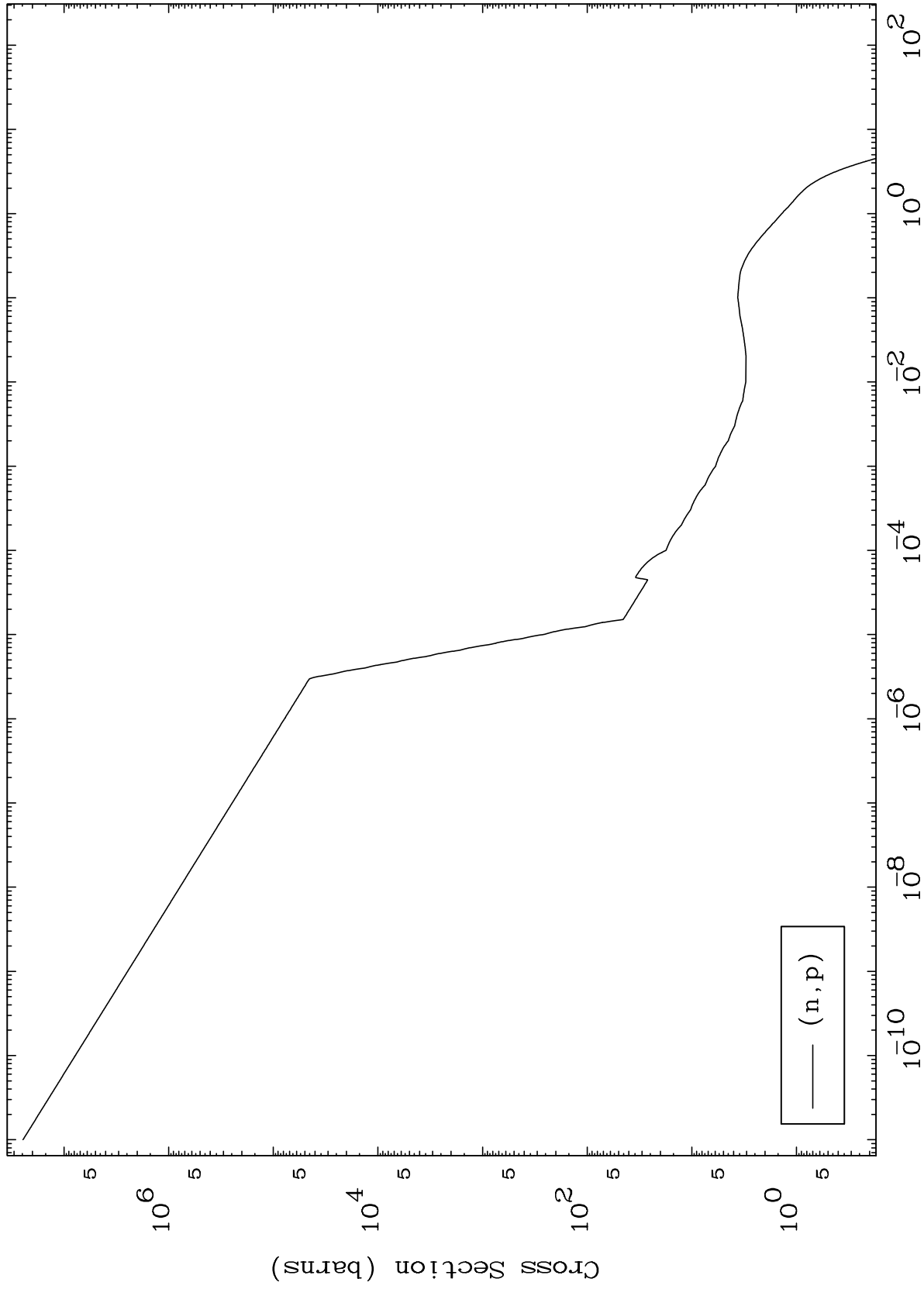
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MAT 4598

(n,p) Levels  
293 Kelvin Cross Sections

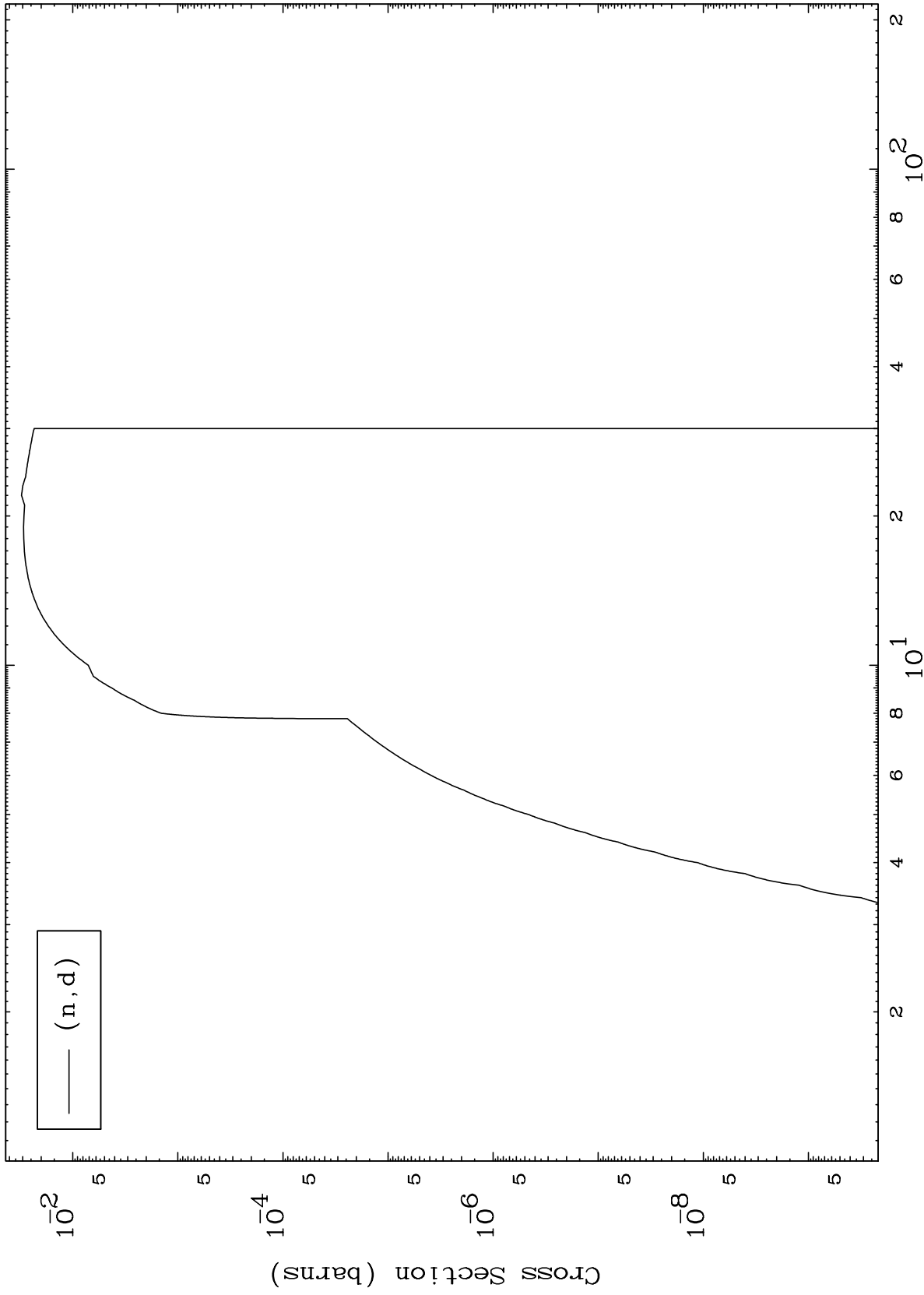
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MAT 4598

(n,d) Levels  
293 Kelvin Cross Sections

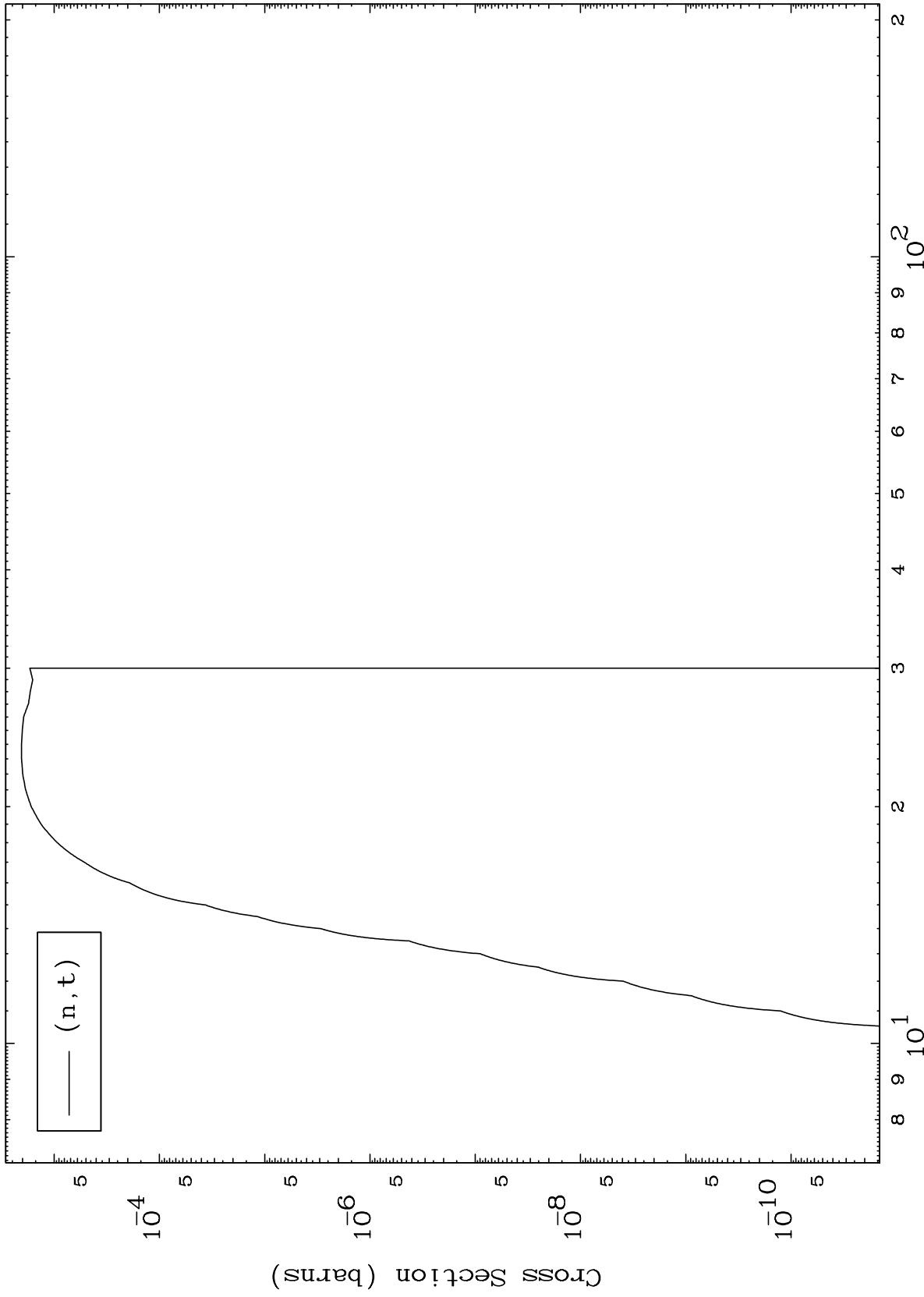
46-Pd-93



MAT 4598

(n,t) Levels  
293 Kelvin Cross Sections

46-Pd-93



10

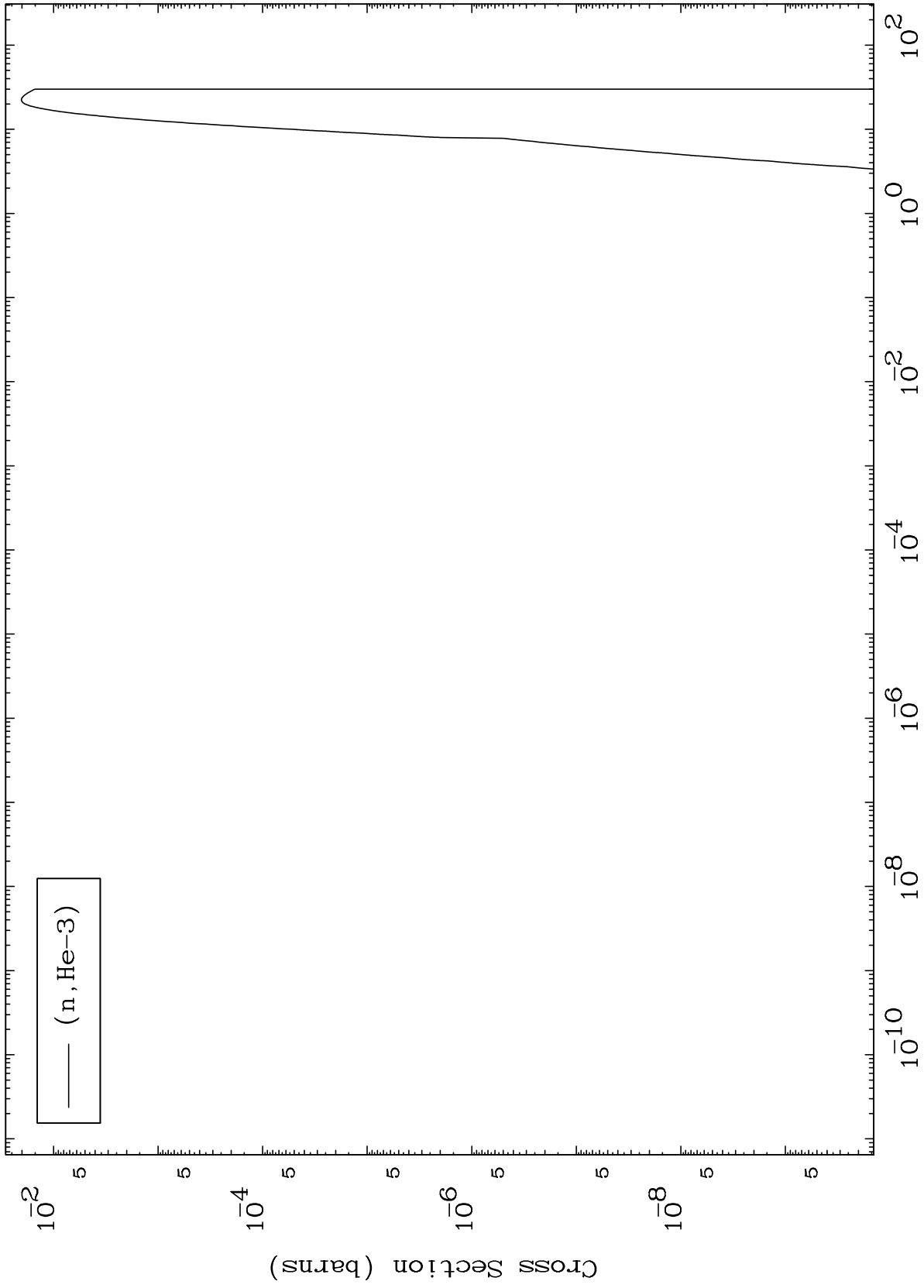
Incident Energy (MeV)

46-Pd-93

MAT 4598

(n,He3) Levels  
293 Kelvin Cross Sections

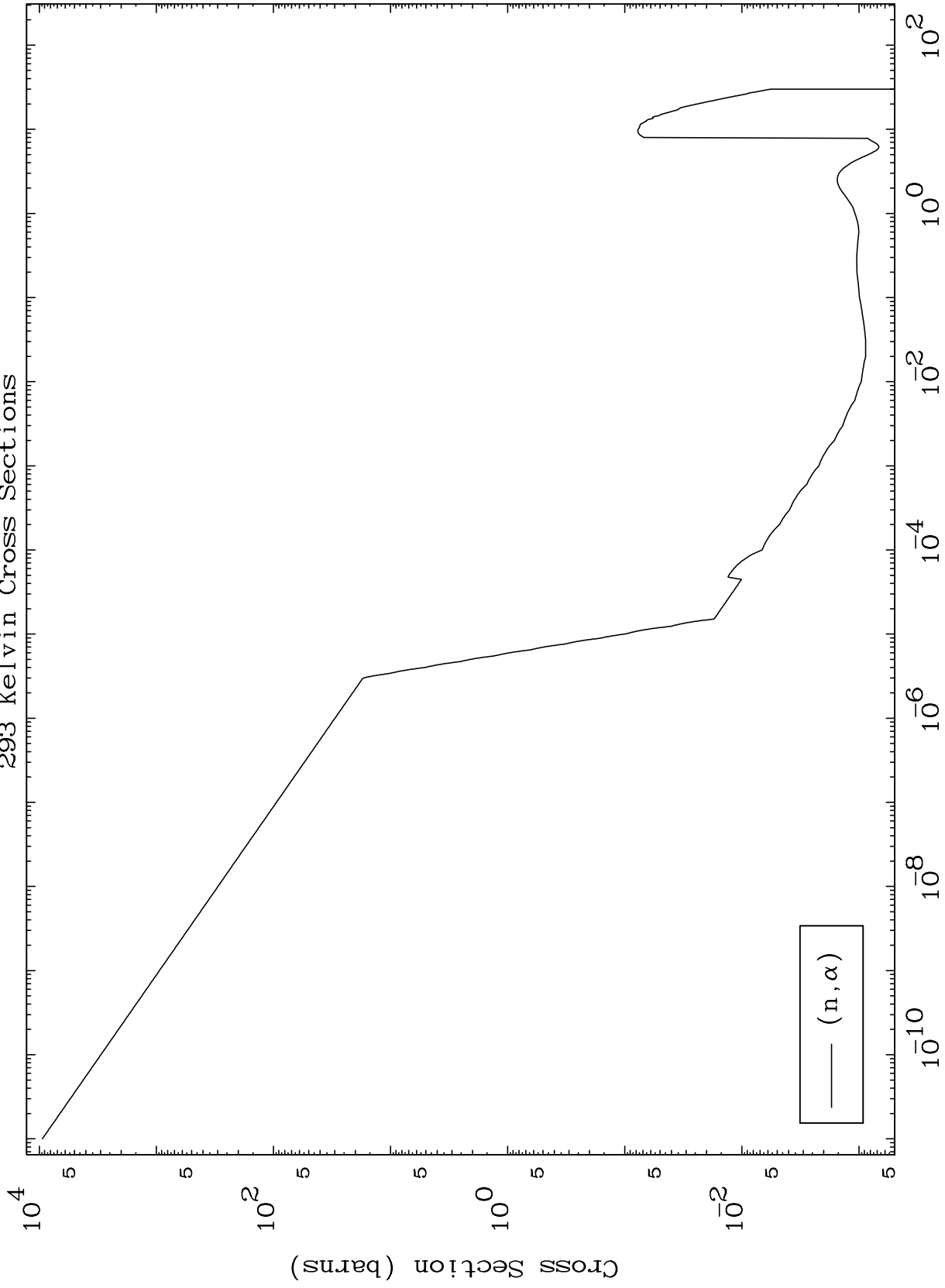
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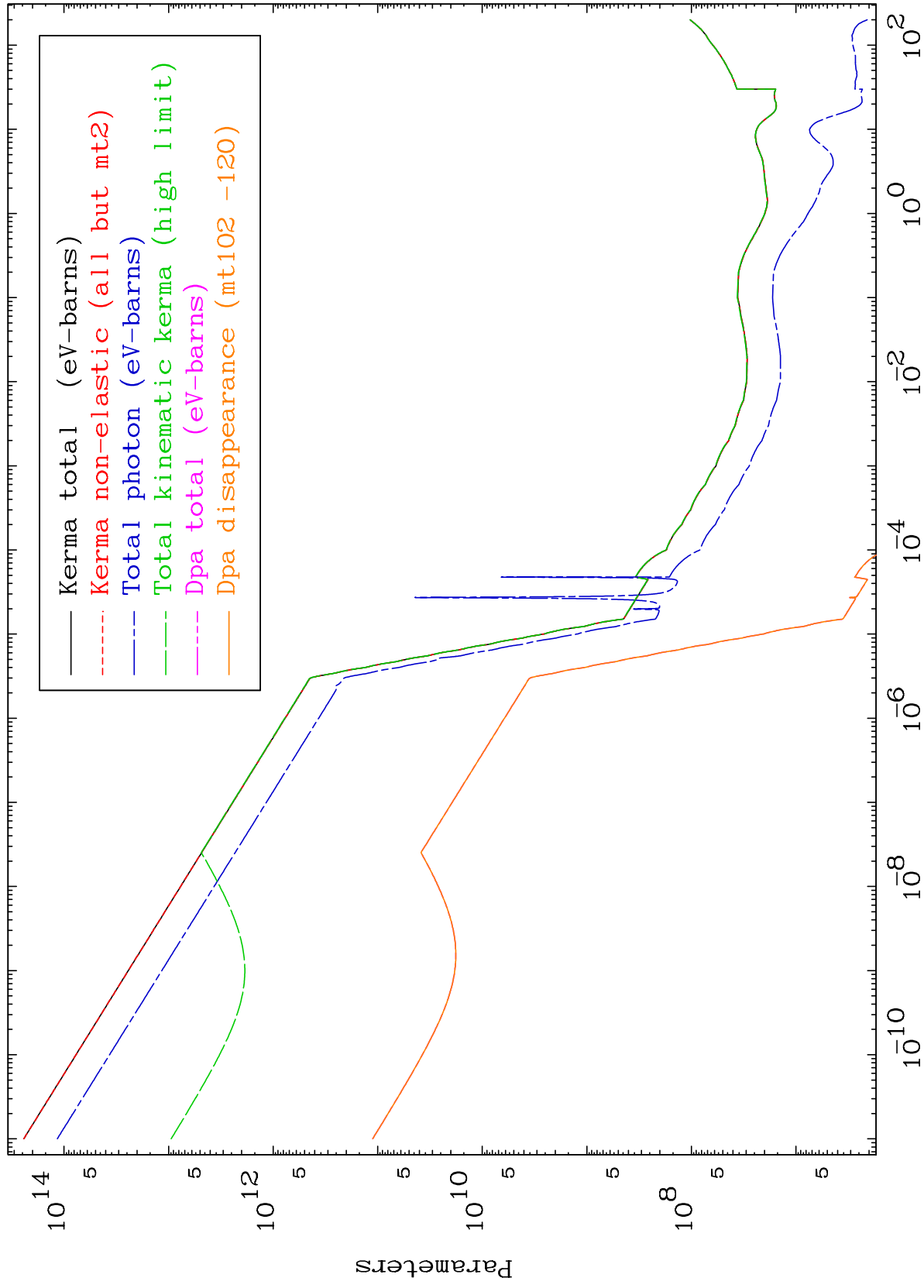


MAT 4598

(n,α) Levels  
293 Kelvin Cross Sections

46-Pd-93

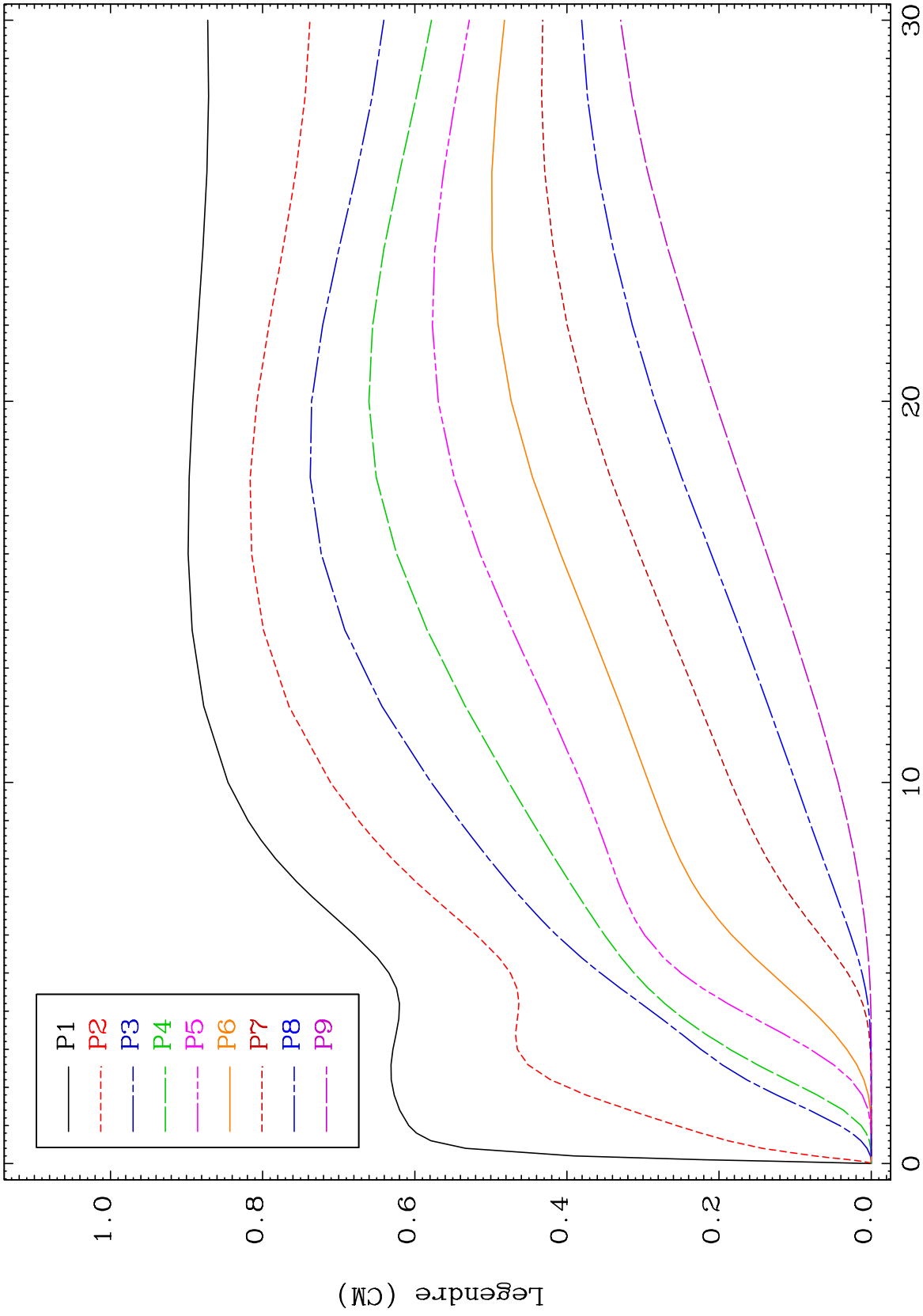




MAT 4598

Elastic Legendre Coefficients

46-Pd-93



14

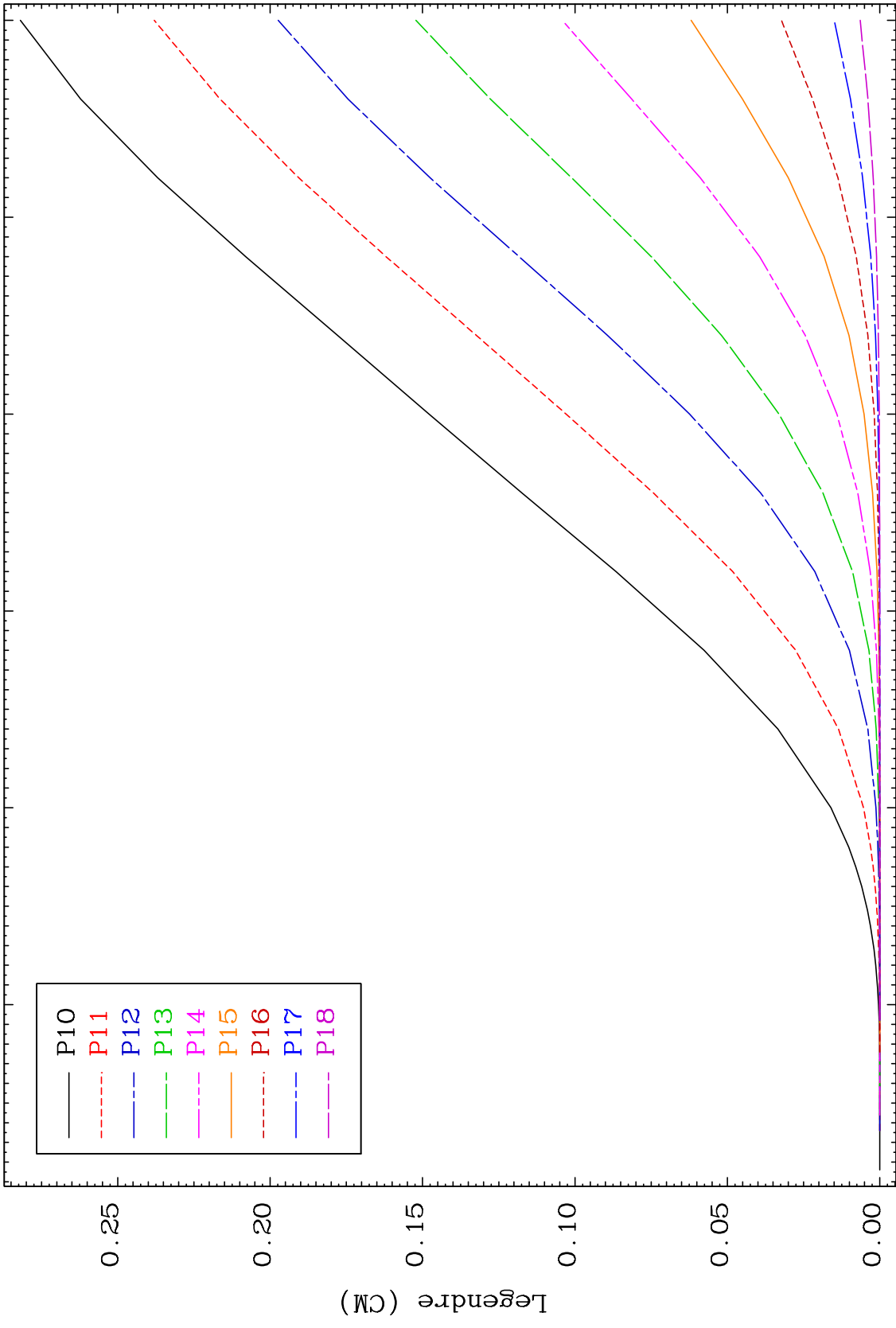
Incident Energy (MeV)

46-Pd-93

MAT 4598

Elastic Legendre Coefficients

46-Pd-93



15

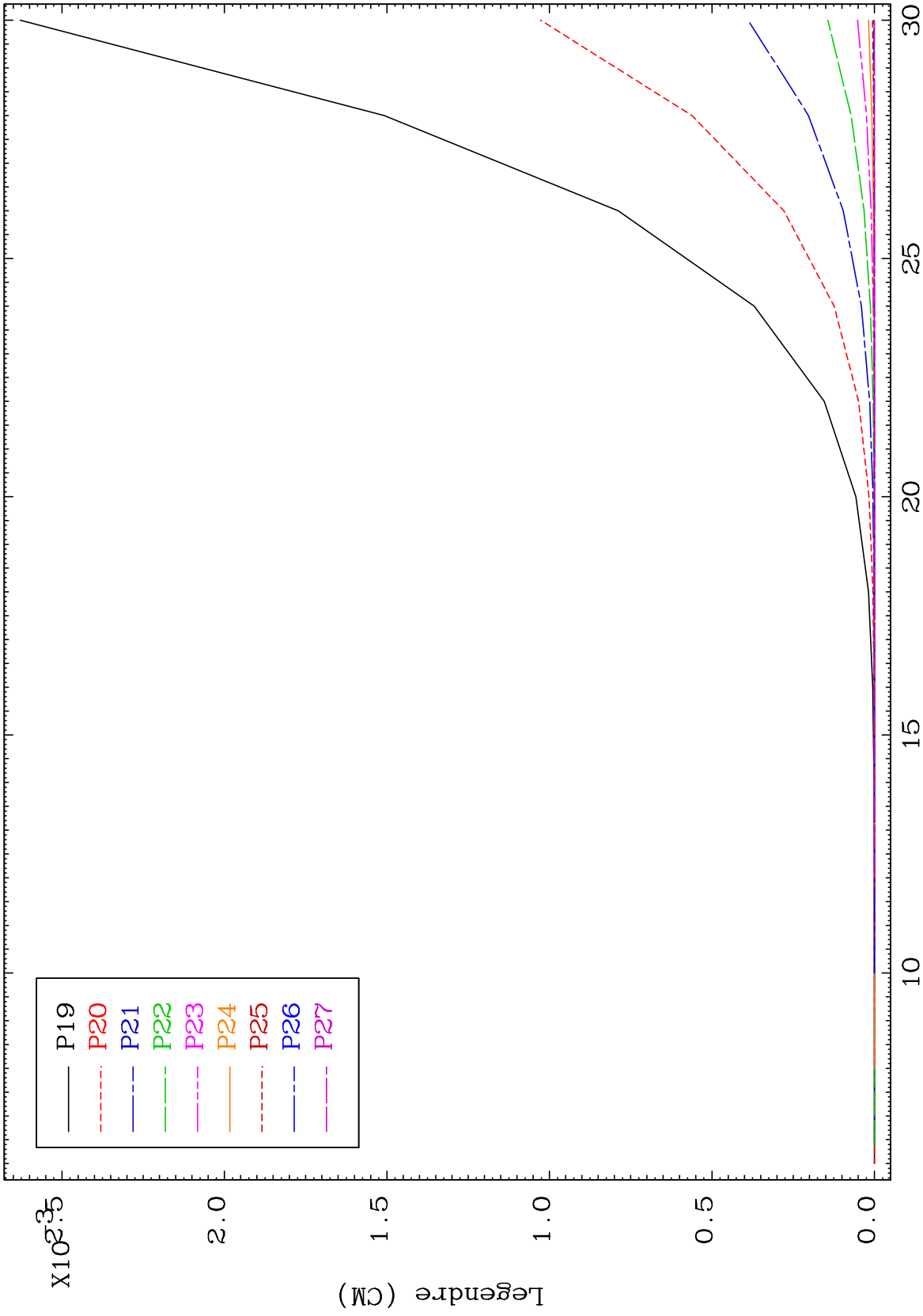
46-Pd-93



MAT 4598

Elastic  
Legendre Coefficients

46-Pd-93



16

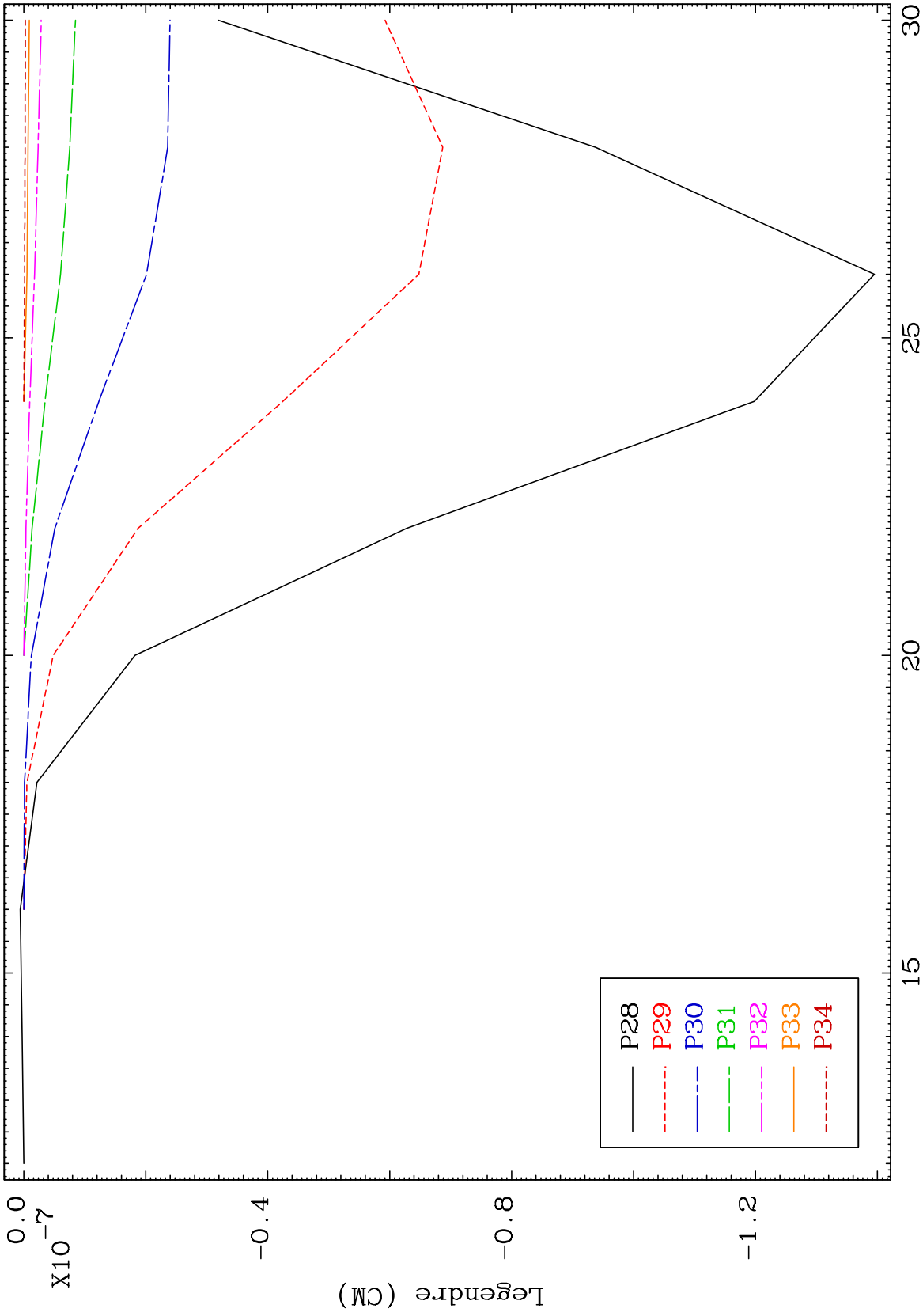
Incident Energy (MeV)

46-Pd-93

MAT 4598

46-Pd-93

Elastic  
Legendre Coefficients



17

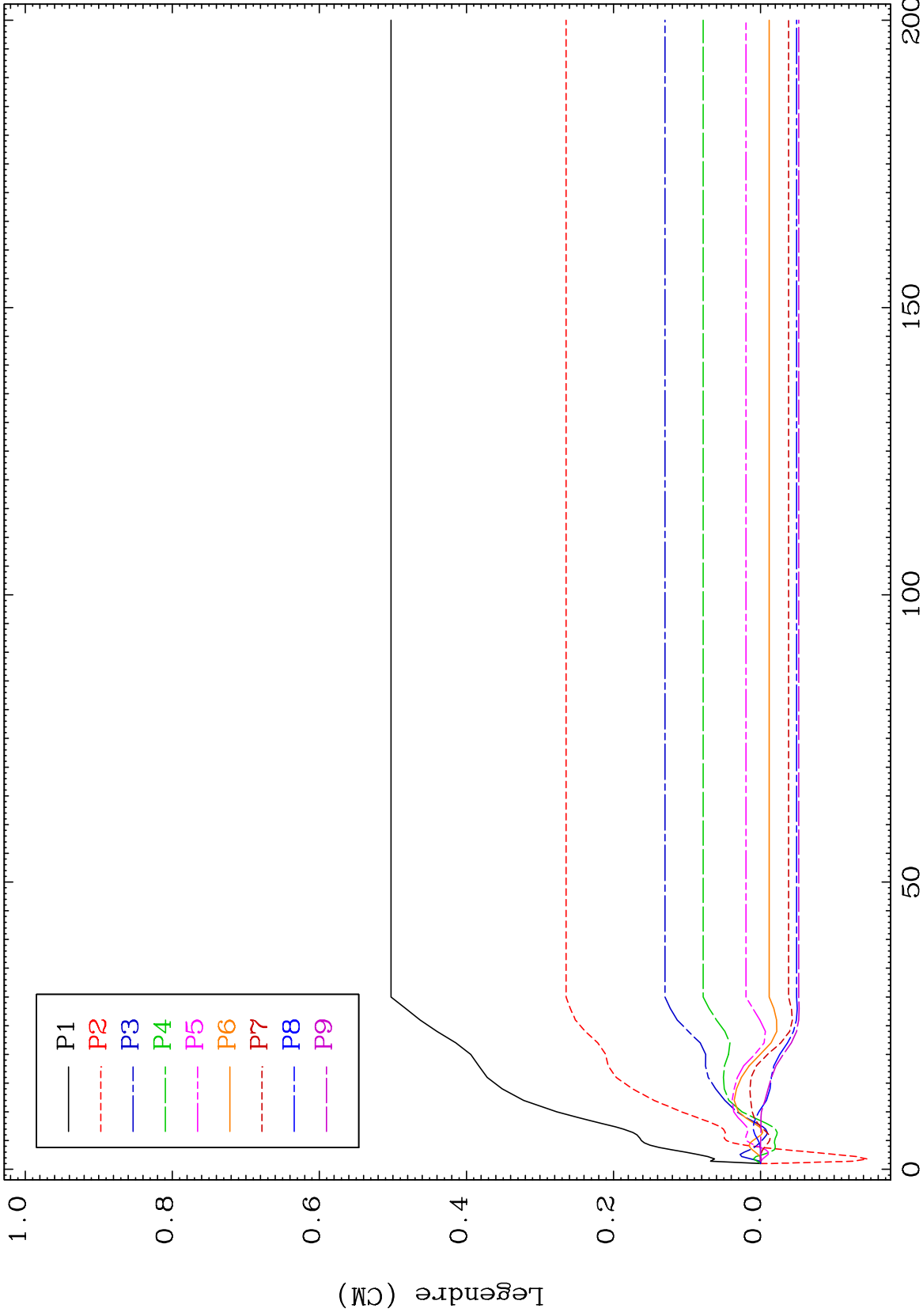
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



18

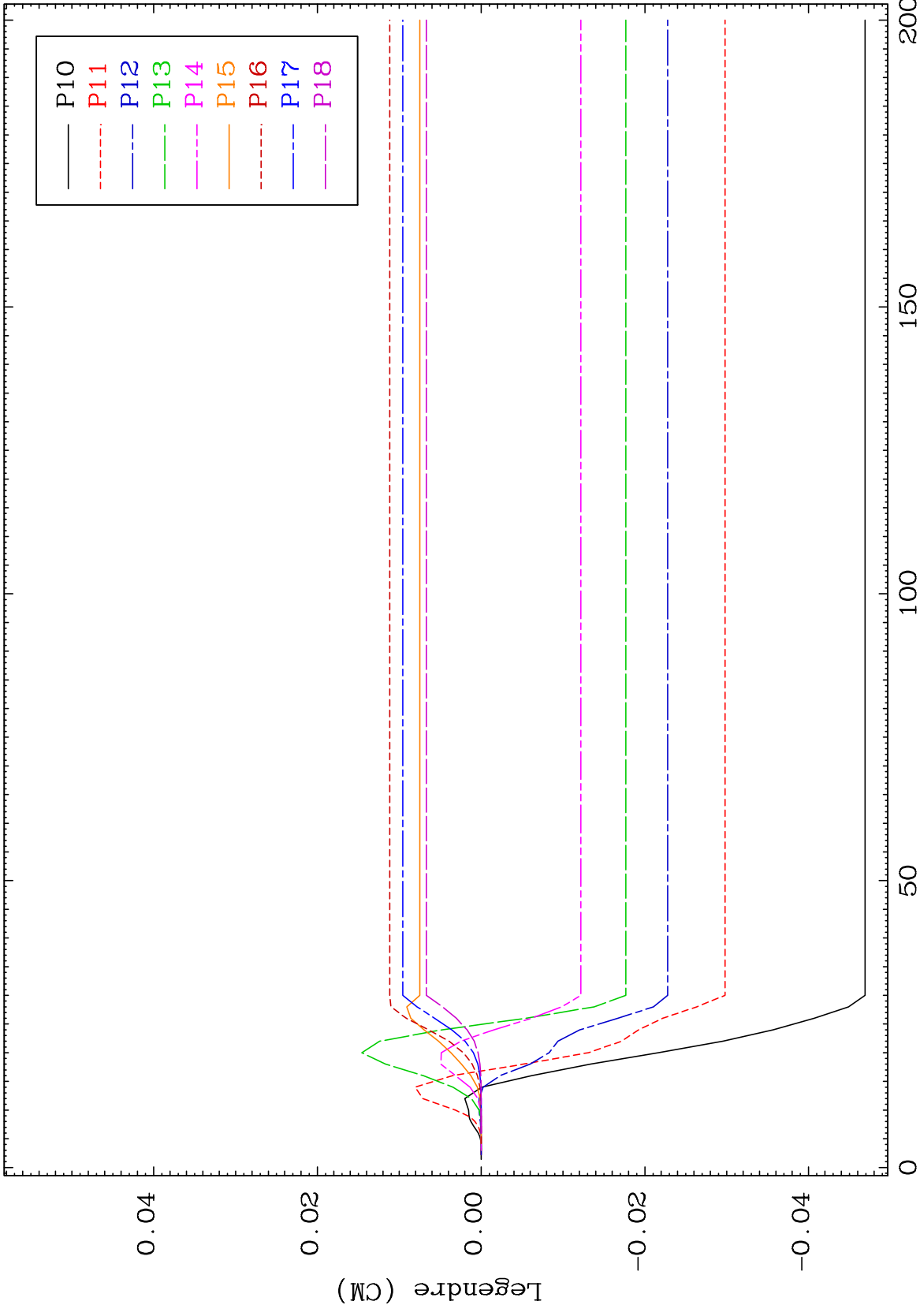
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



19

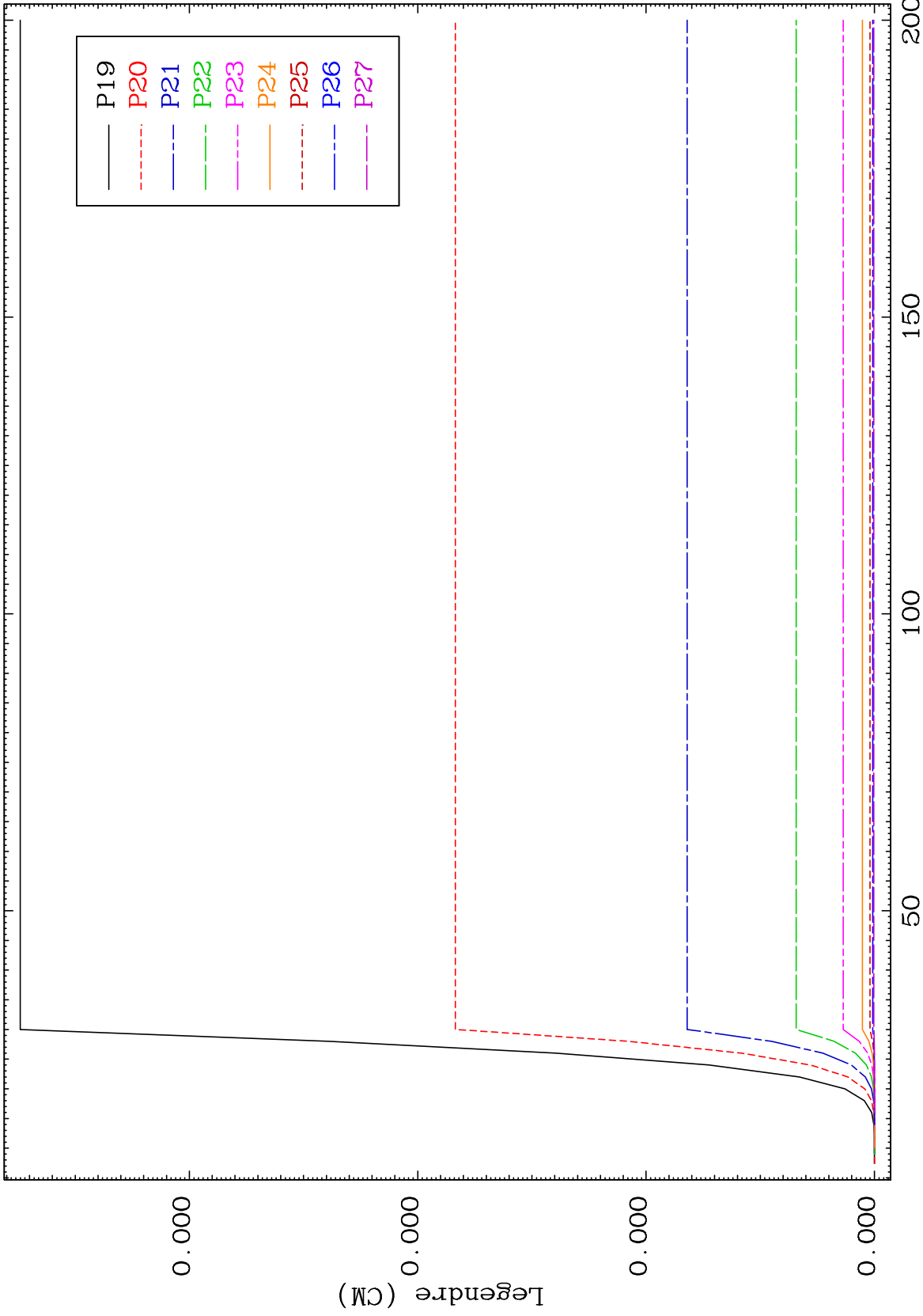
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



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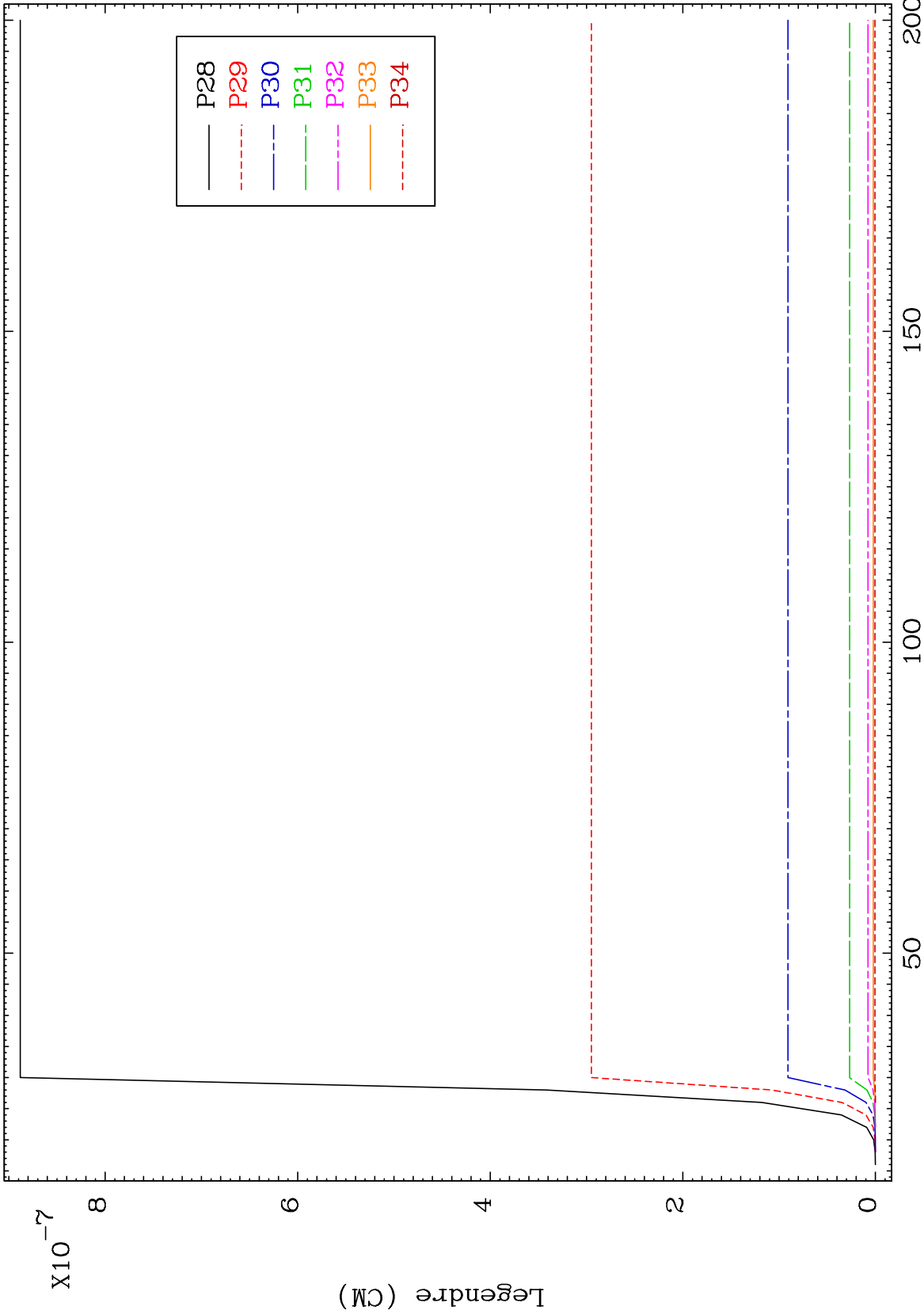
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



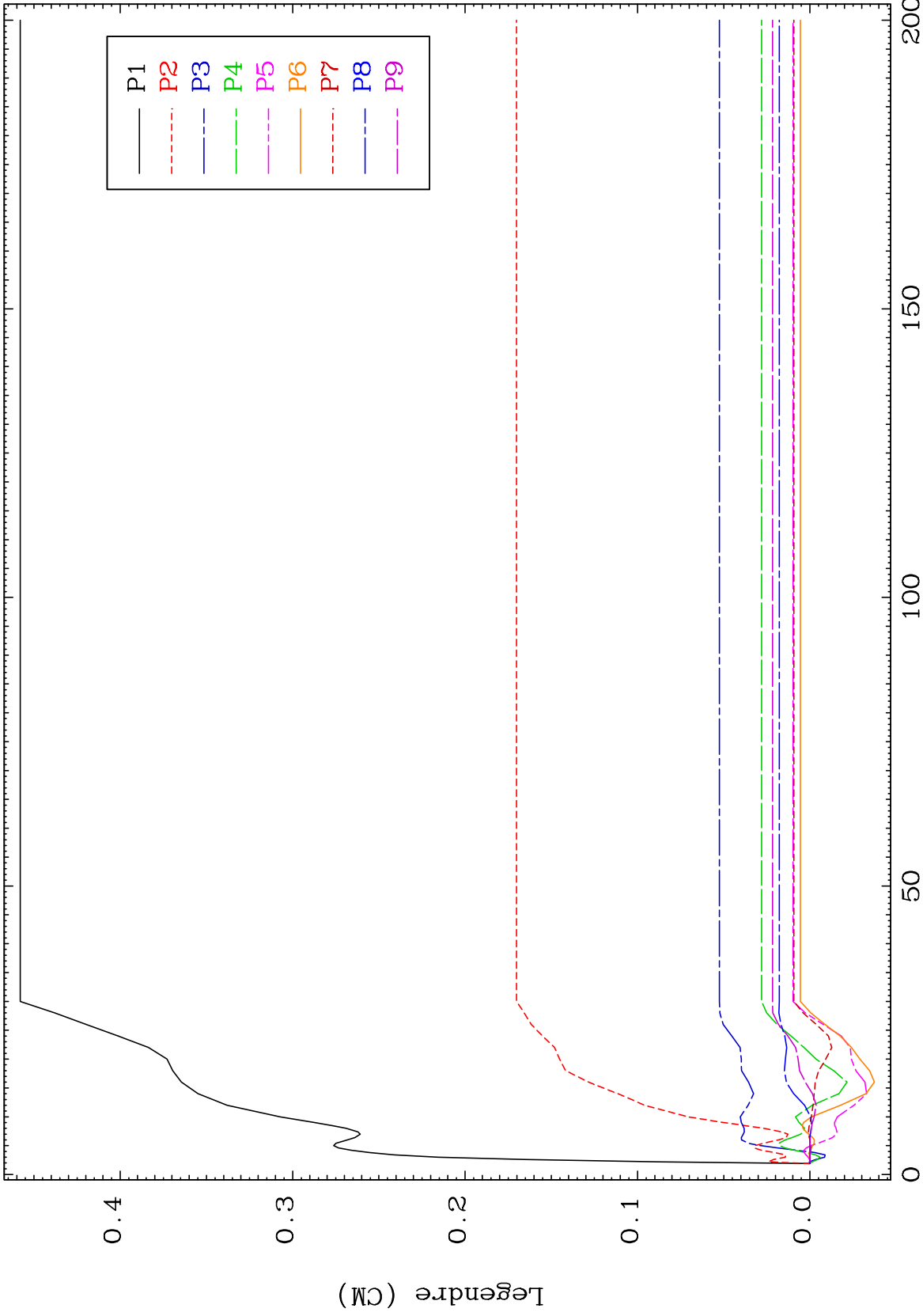
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46-Pd-93

MAT 4598

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

46-Pd-93



22

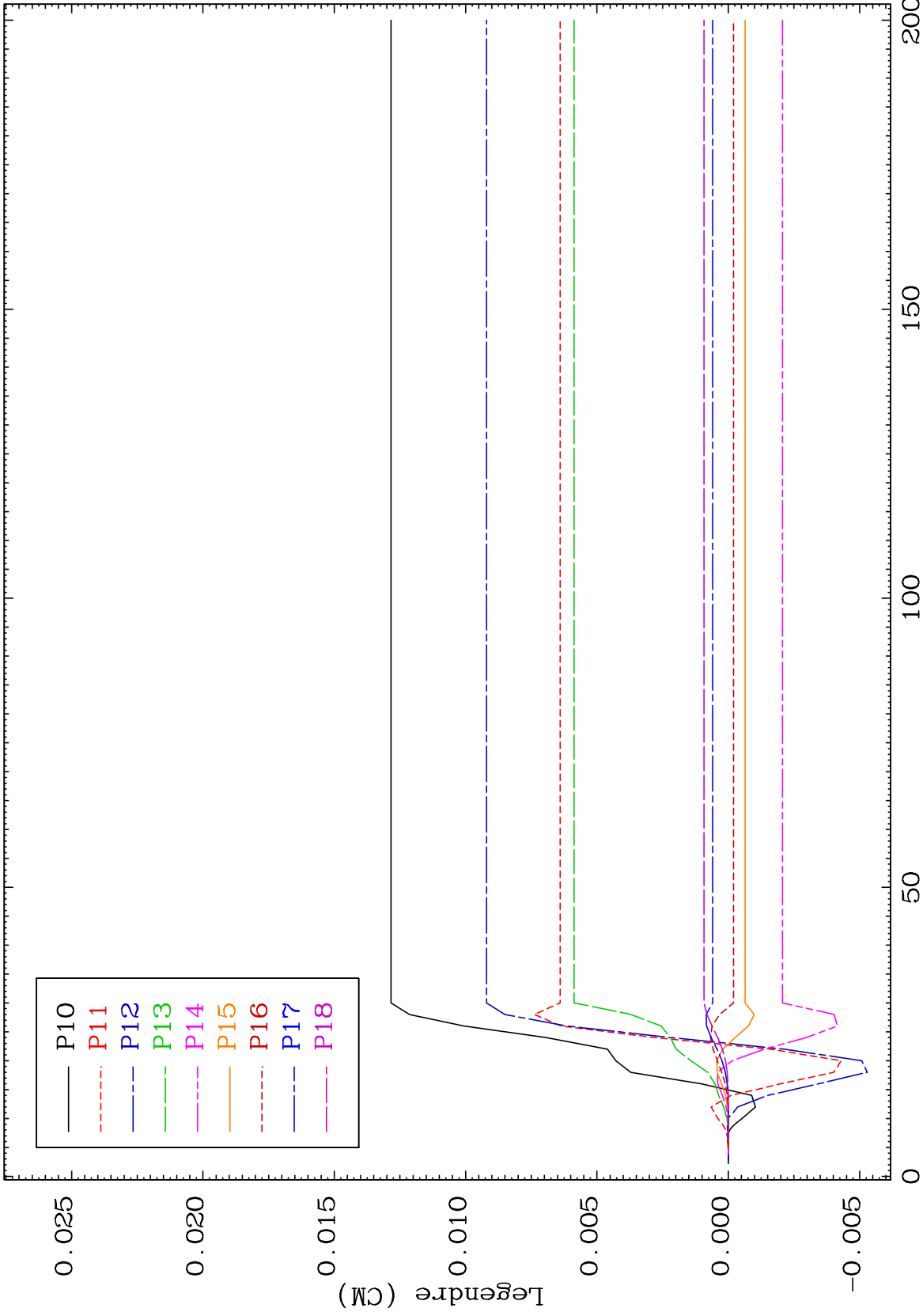
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



23

Incident Energy (MeV)

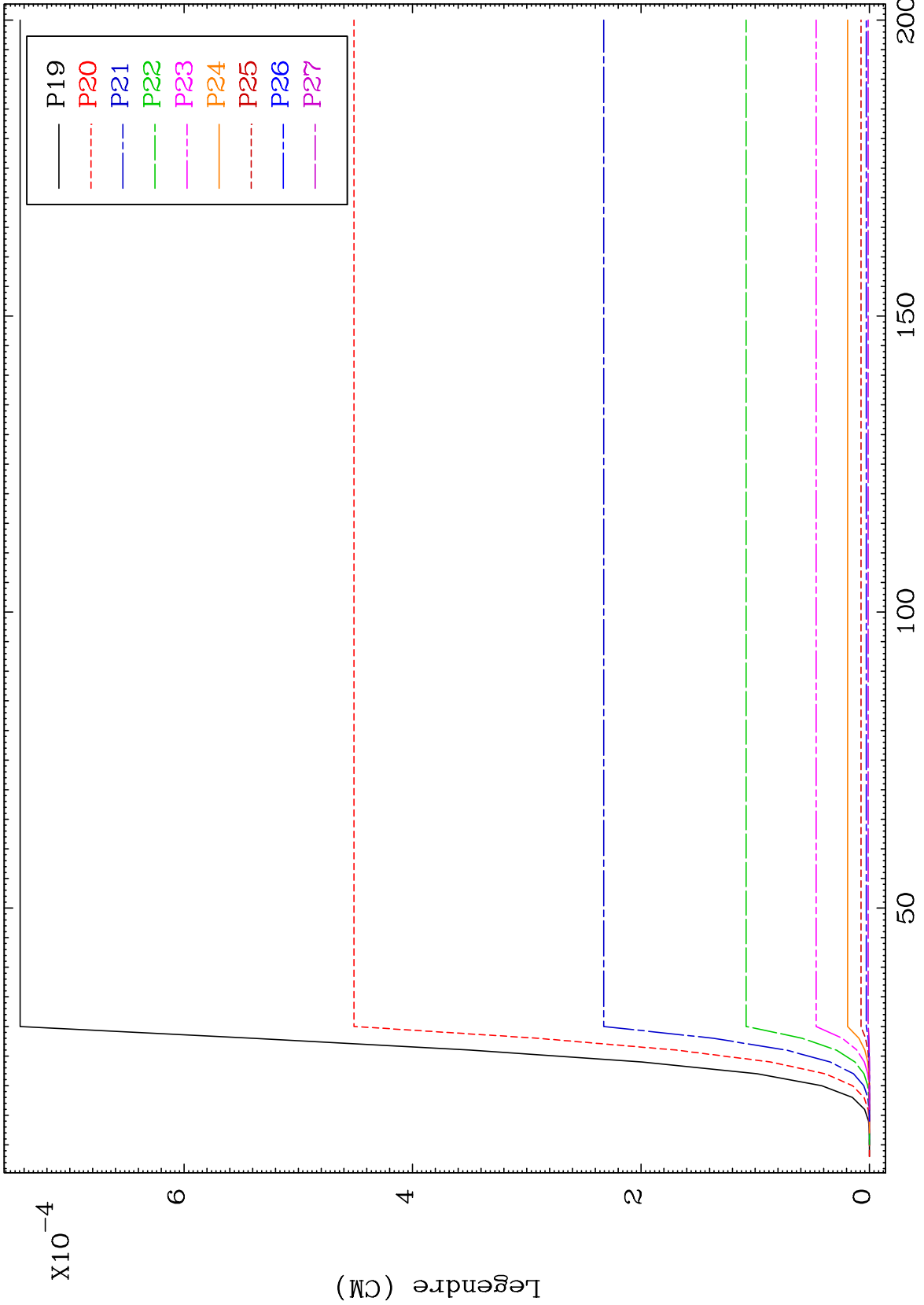
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MAT 4598

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

46-Pd-93



24

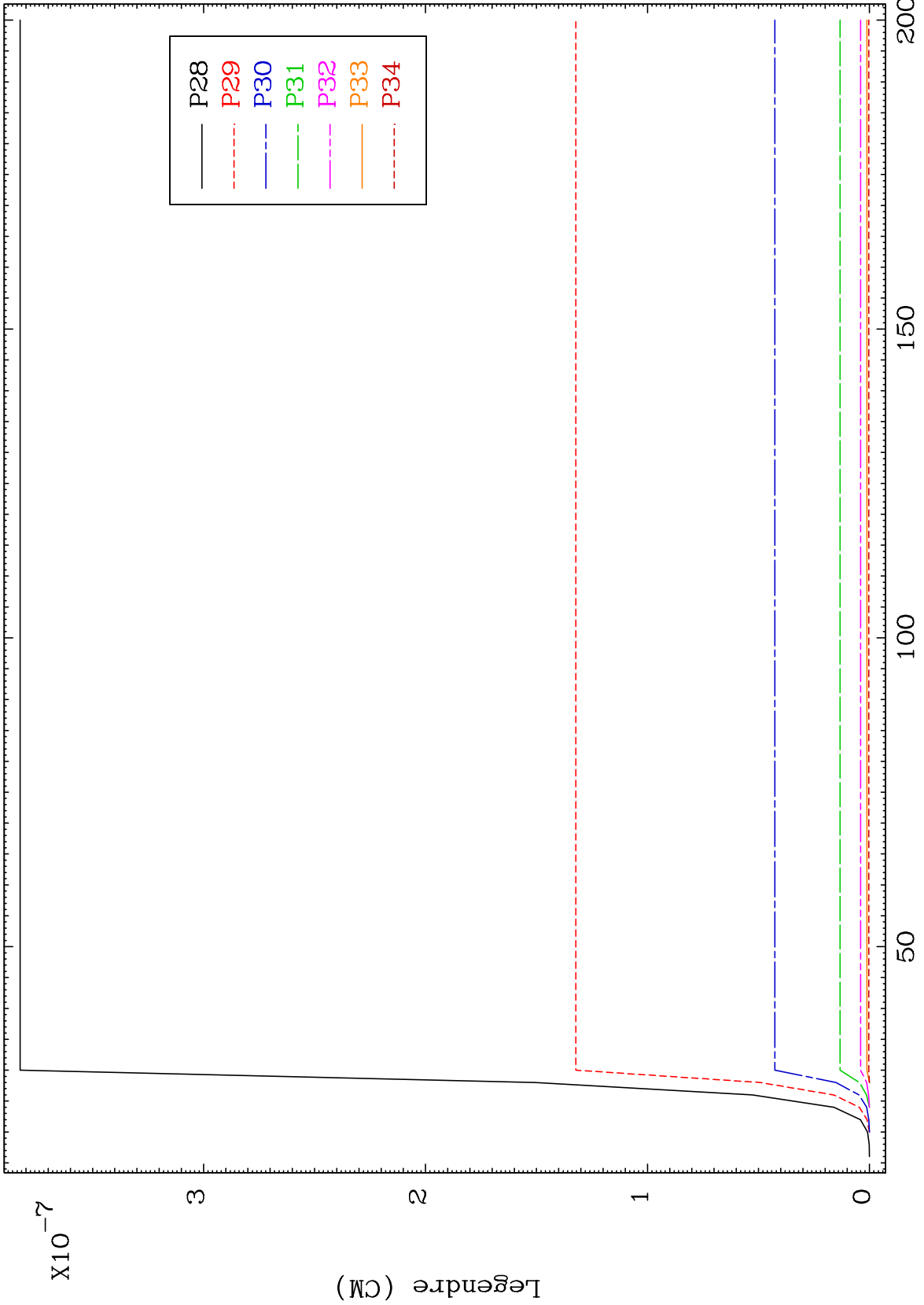
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



25

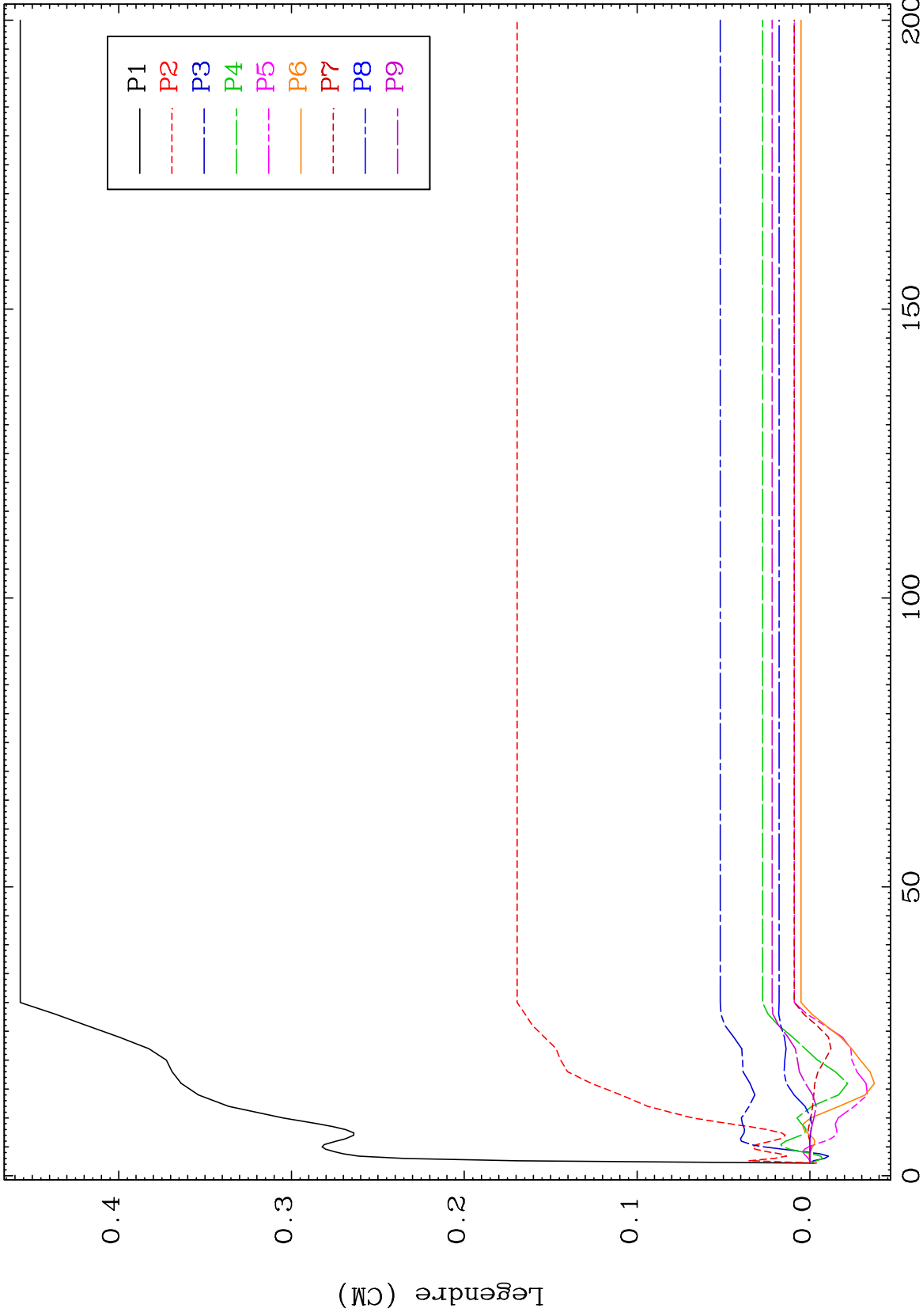
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



26

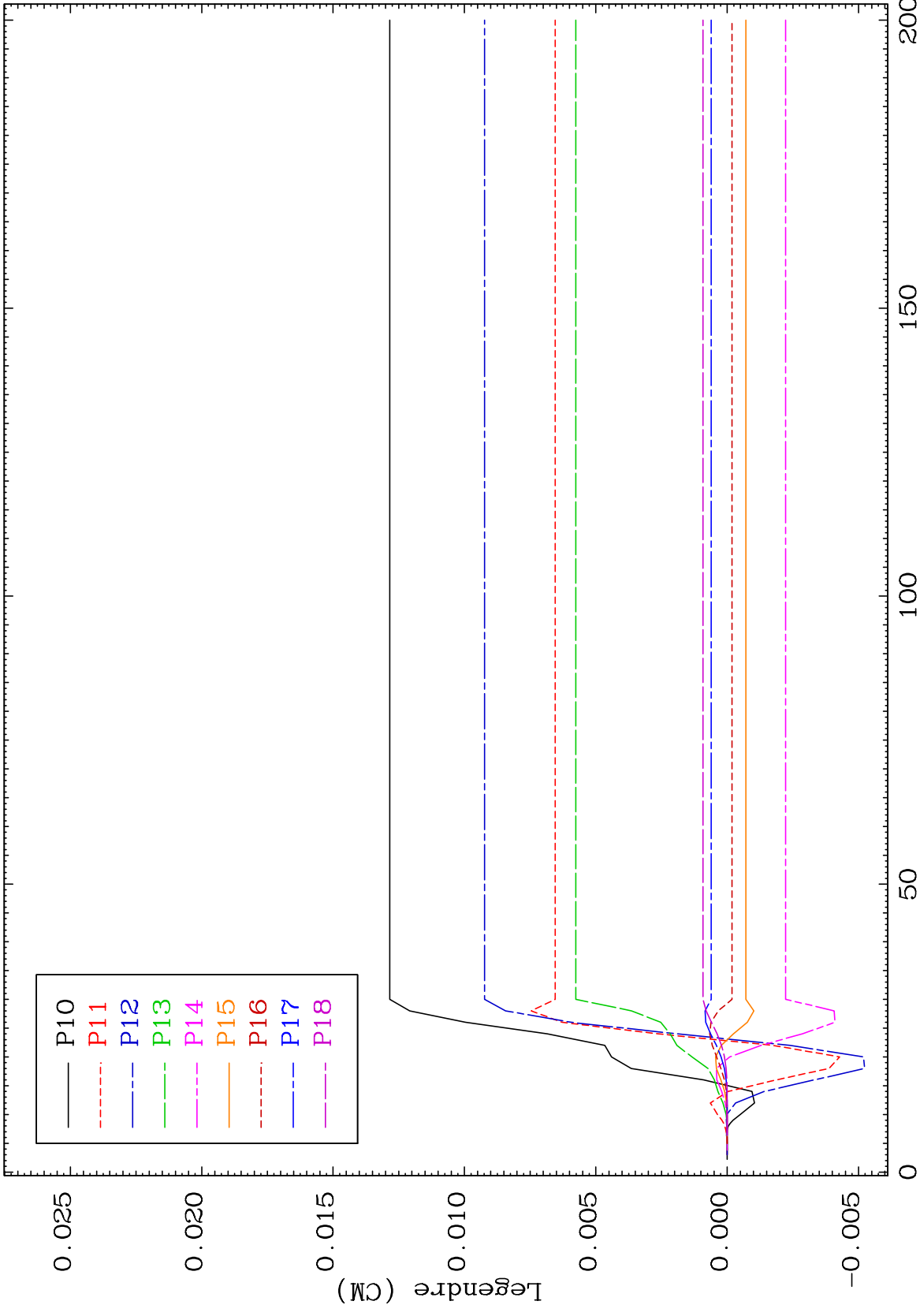
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



27

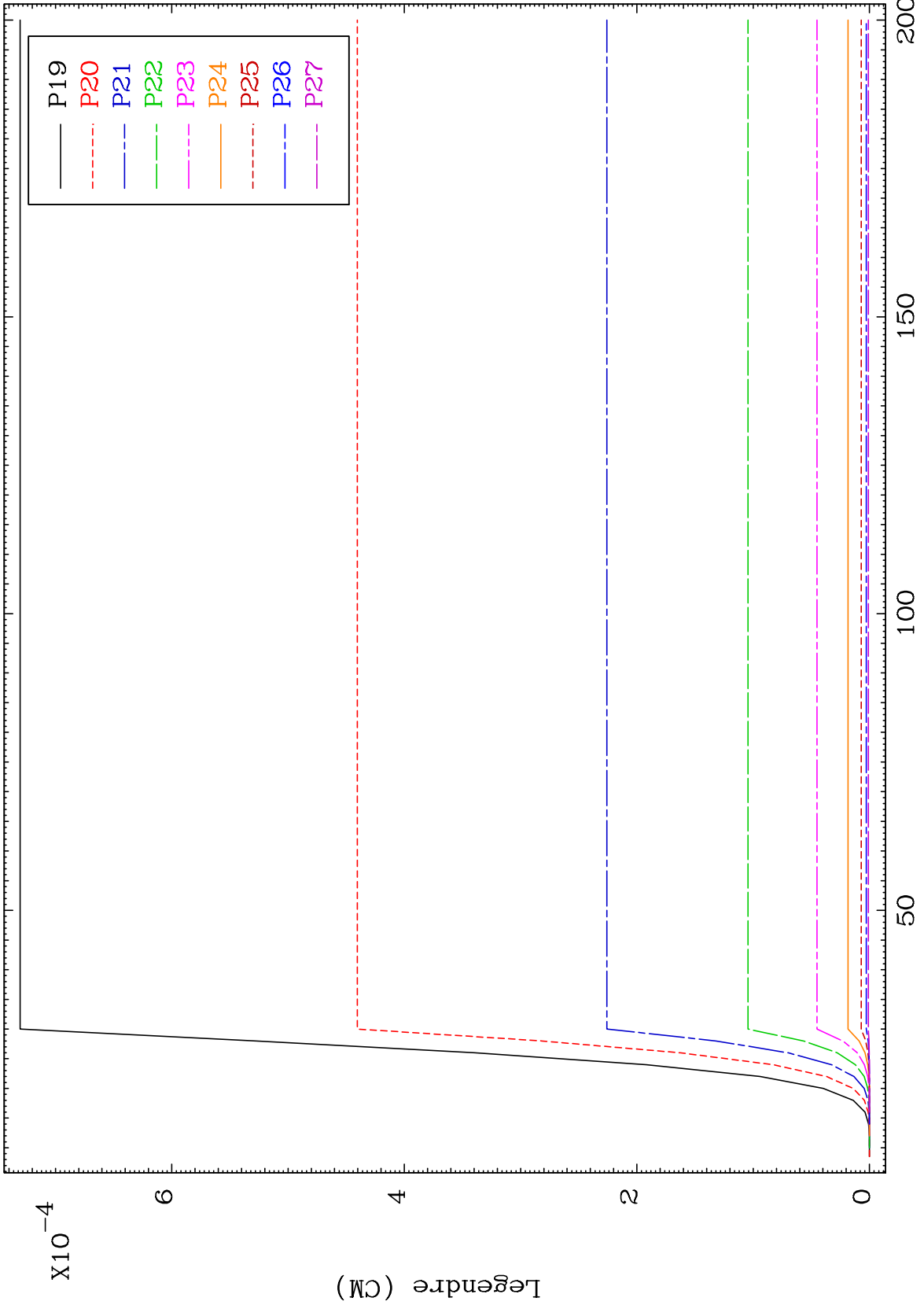
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



28

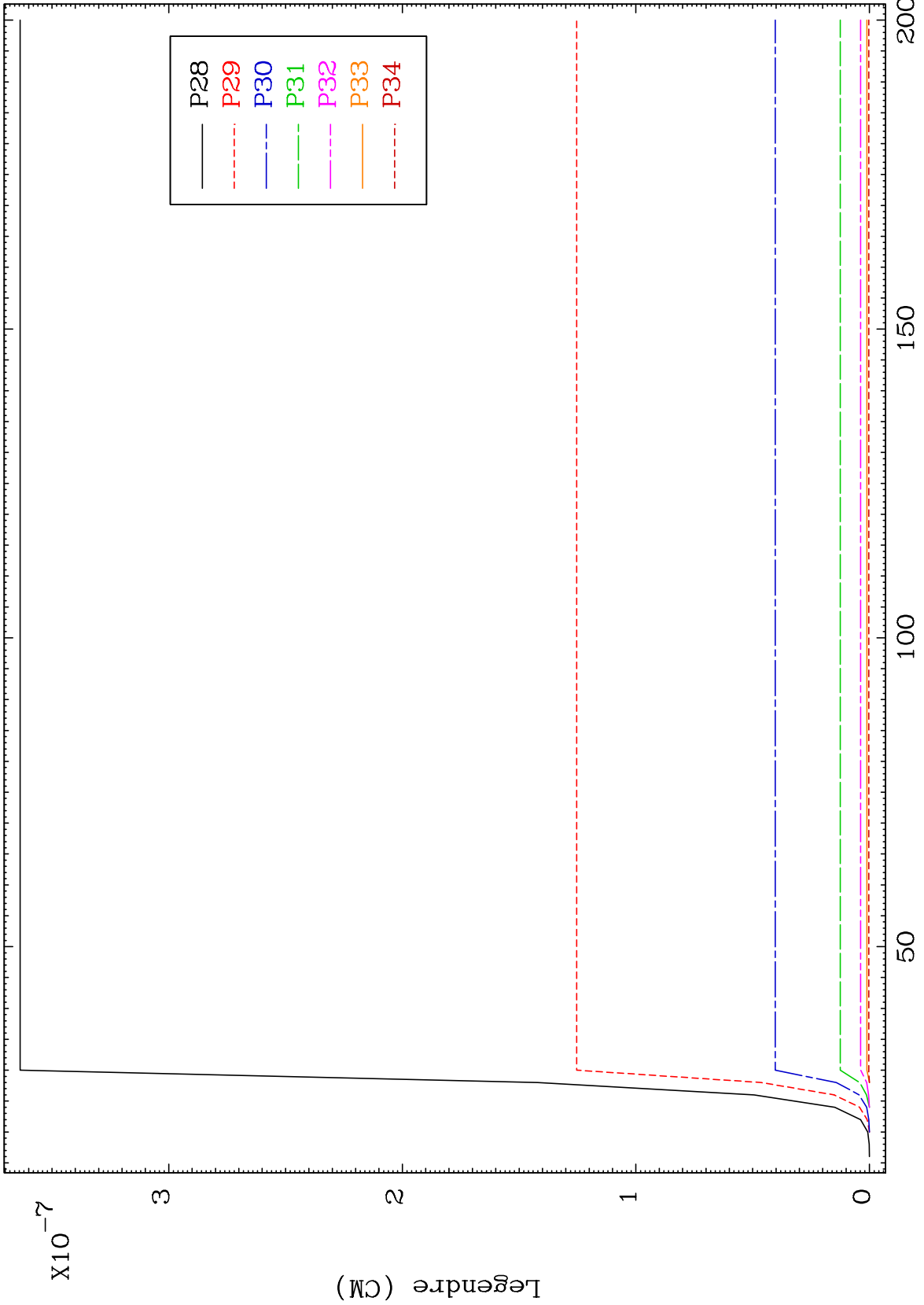
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

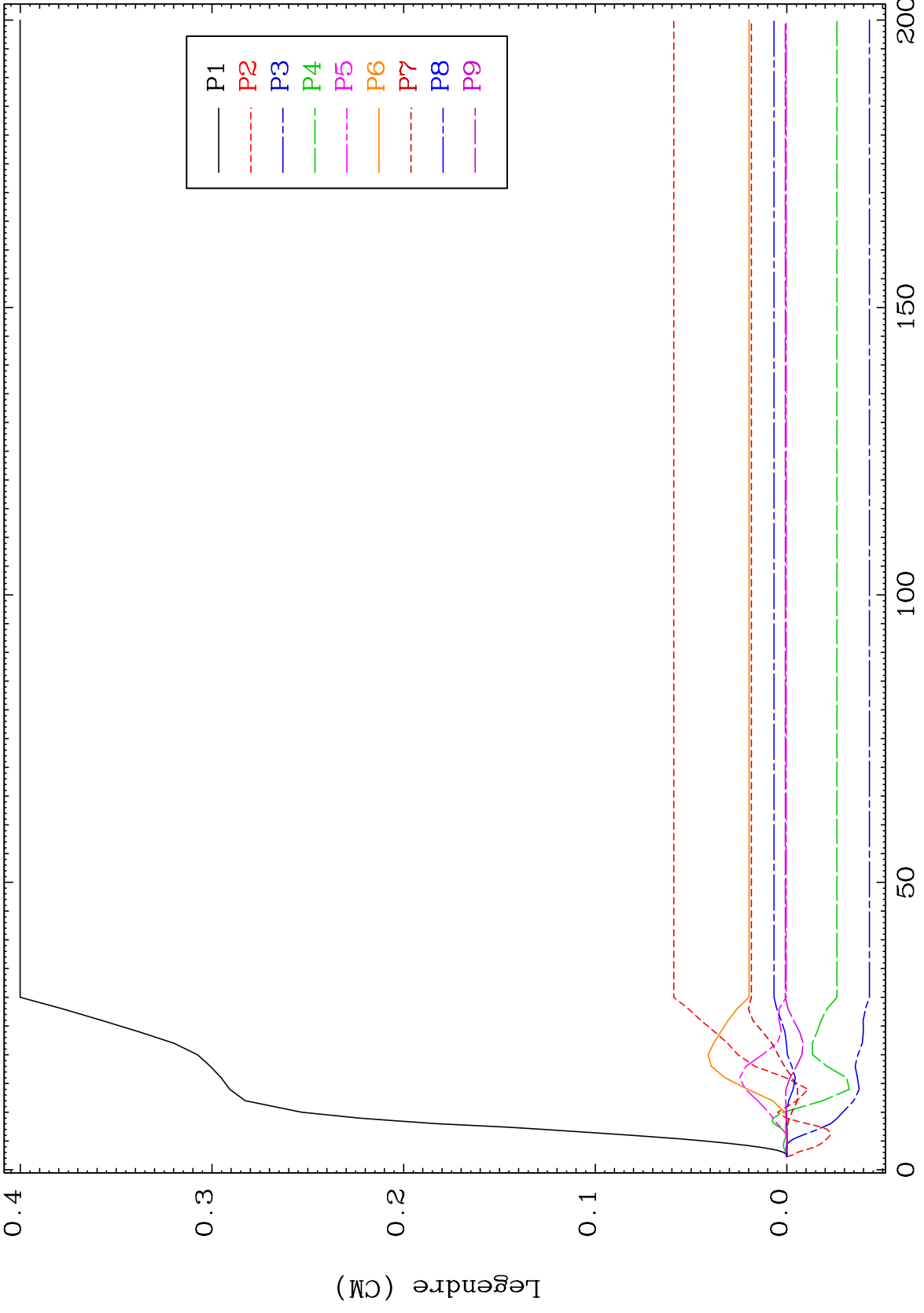
46-Pd-93



29

46-Pd-93

MAT 4598 MT= 54 (n,n') Level Legendre Coefficients 46-Pd-93

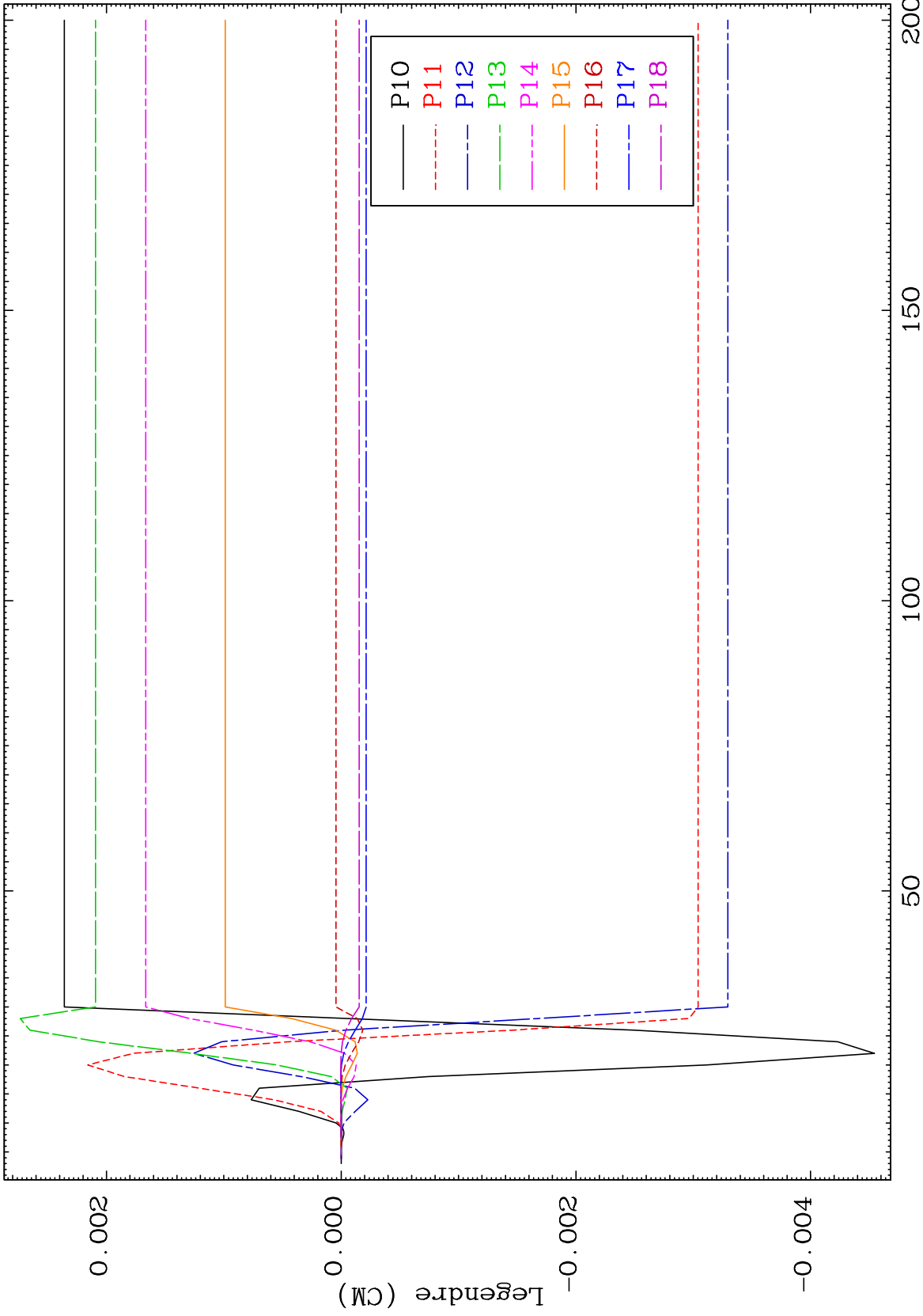


46-Pd-93

MAT 4598

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

46-Pd-93



31

Incident Energy (MeV)

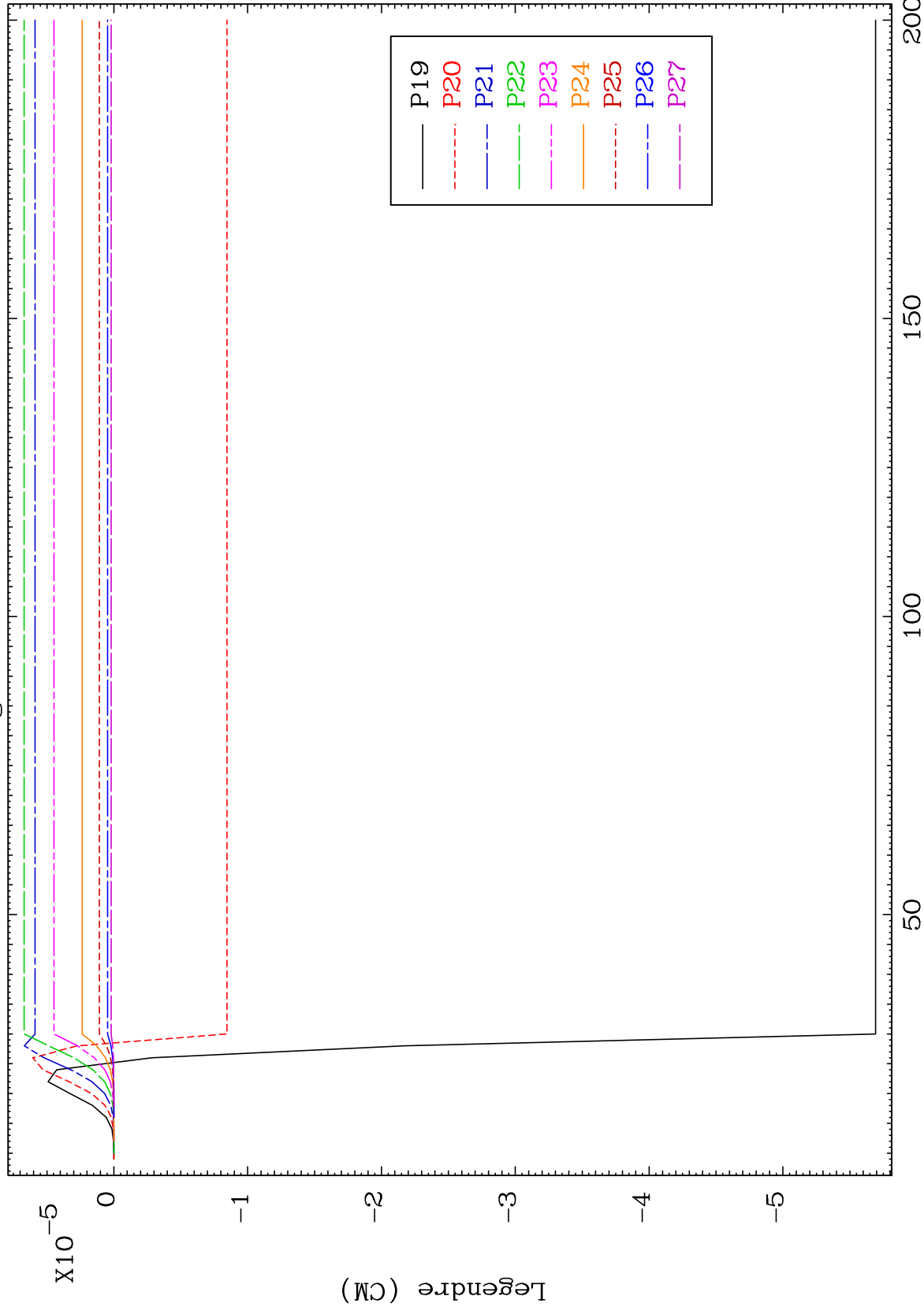
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MAT 4598

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

46-Pd-93



32

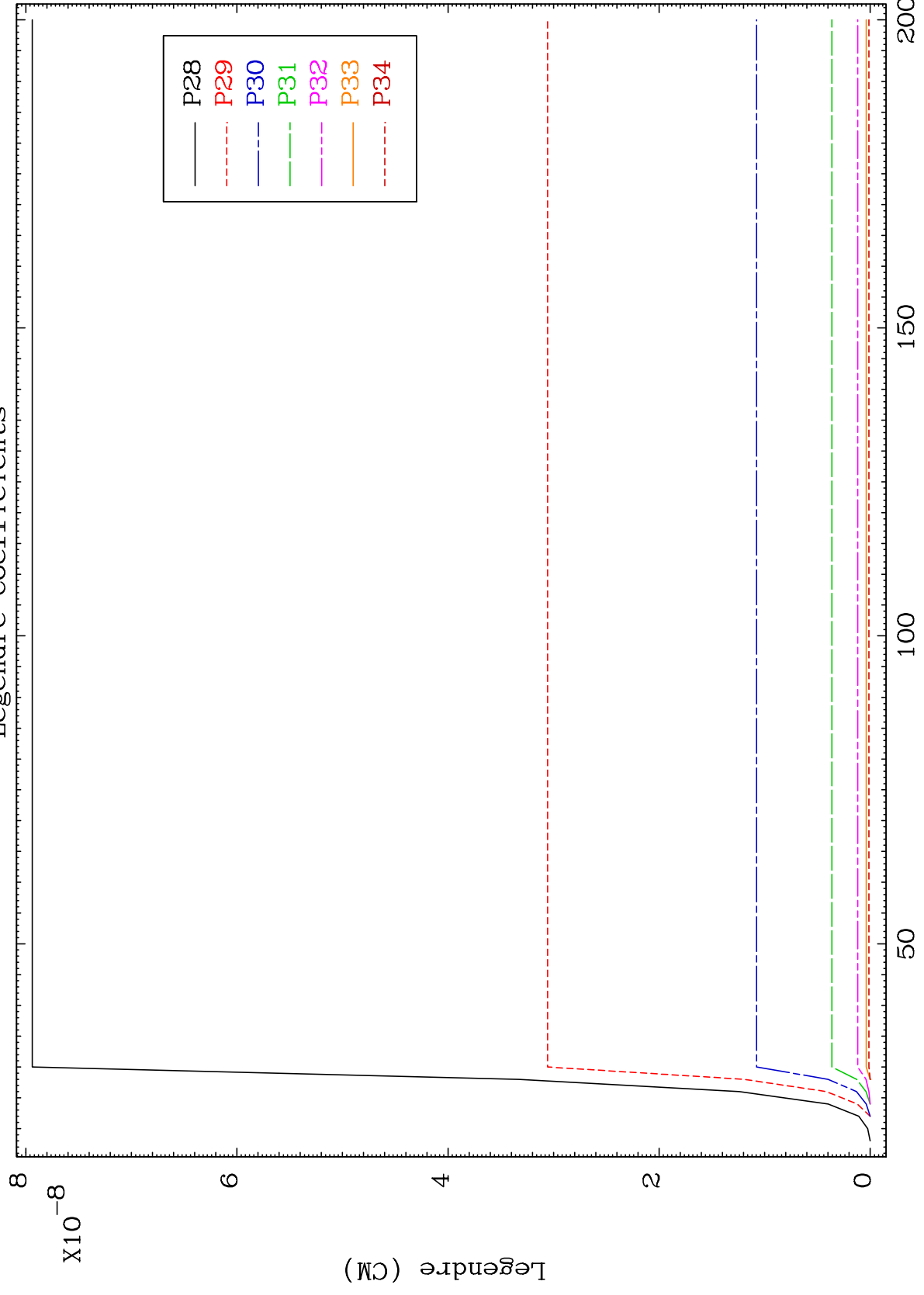
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93

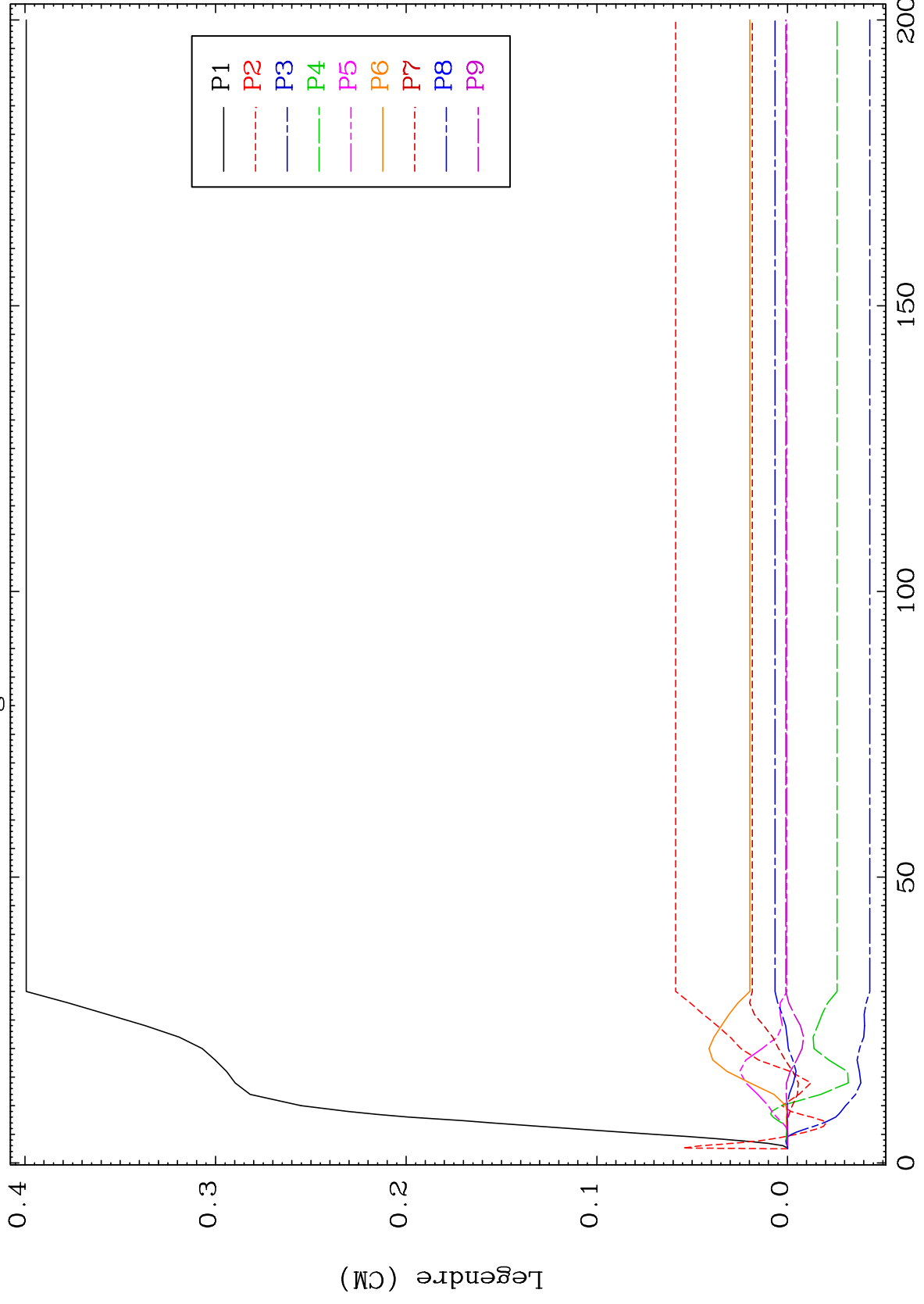


33

46-Pd-93

MAT 4598 MT= 55 (n,n') Level Legendre Coefficients

46-Pd-93



46-Pd-93

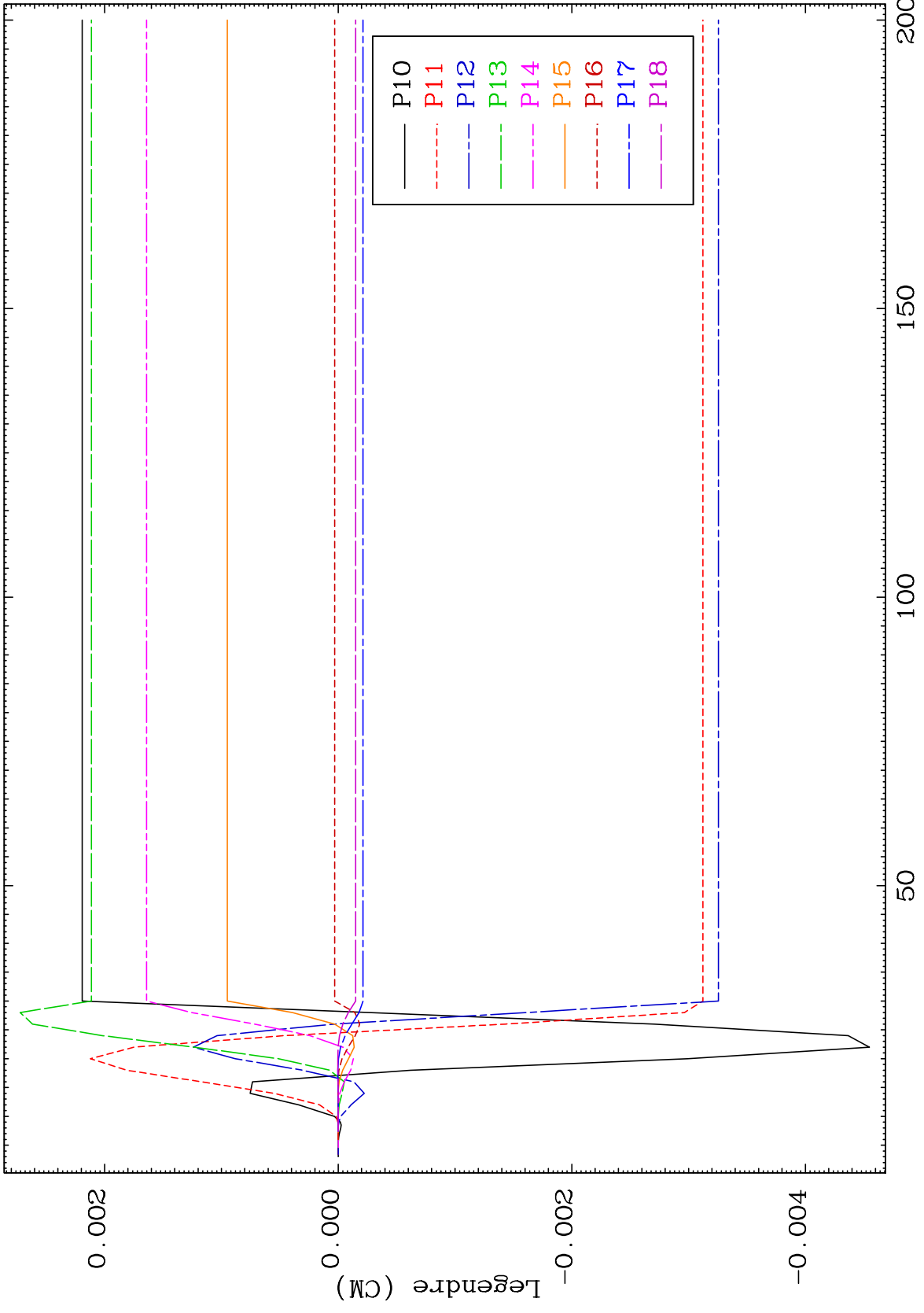
Incident Energy (MeV)

34

MAT 4598

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

46-Pd-93



35

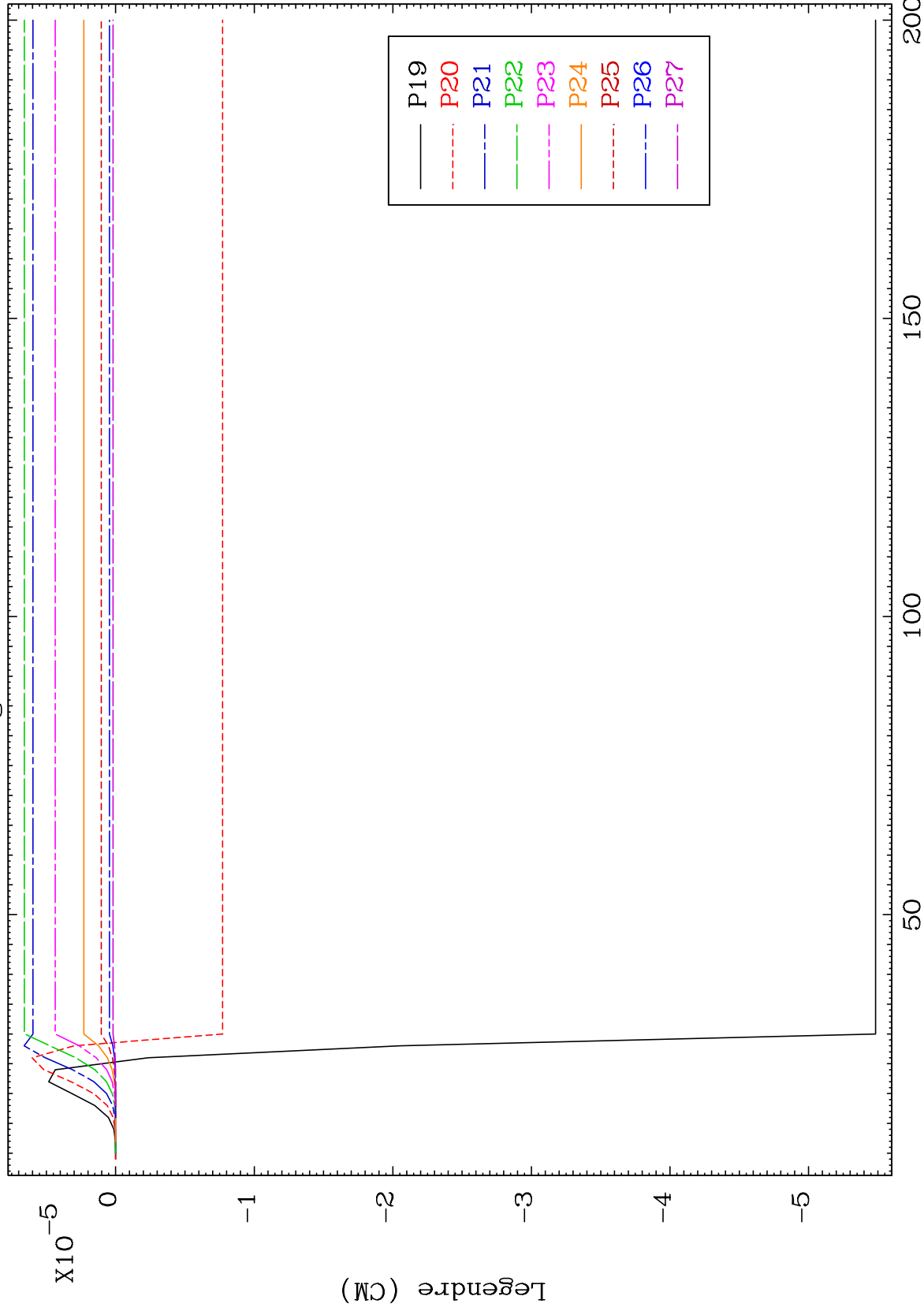
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



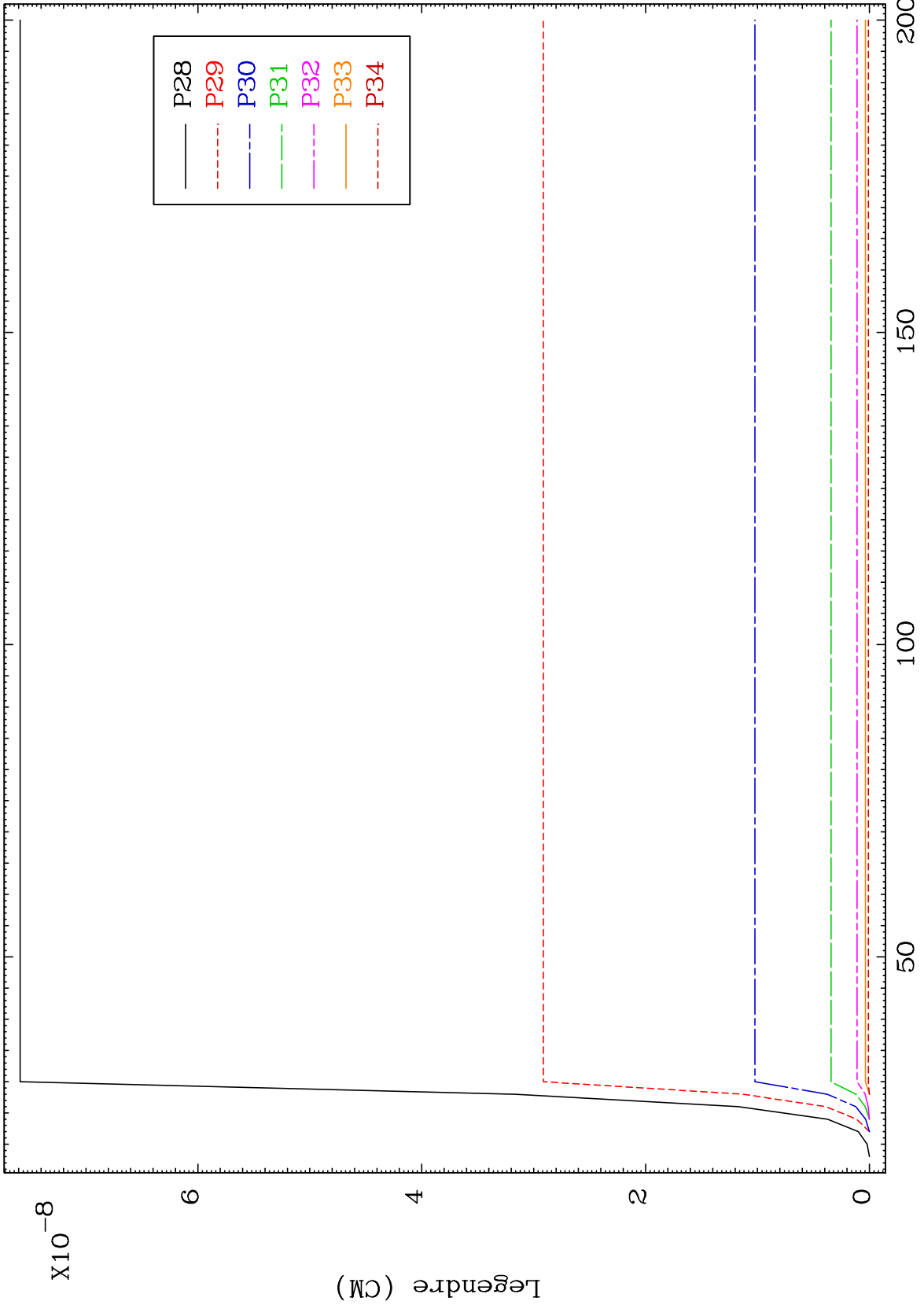
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46-Pd-93

MAT 4598

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

46-Pd-93

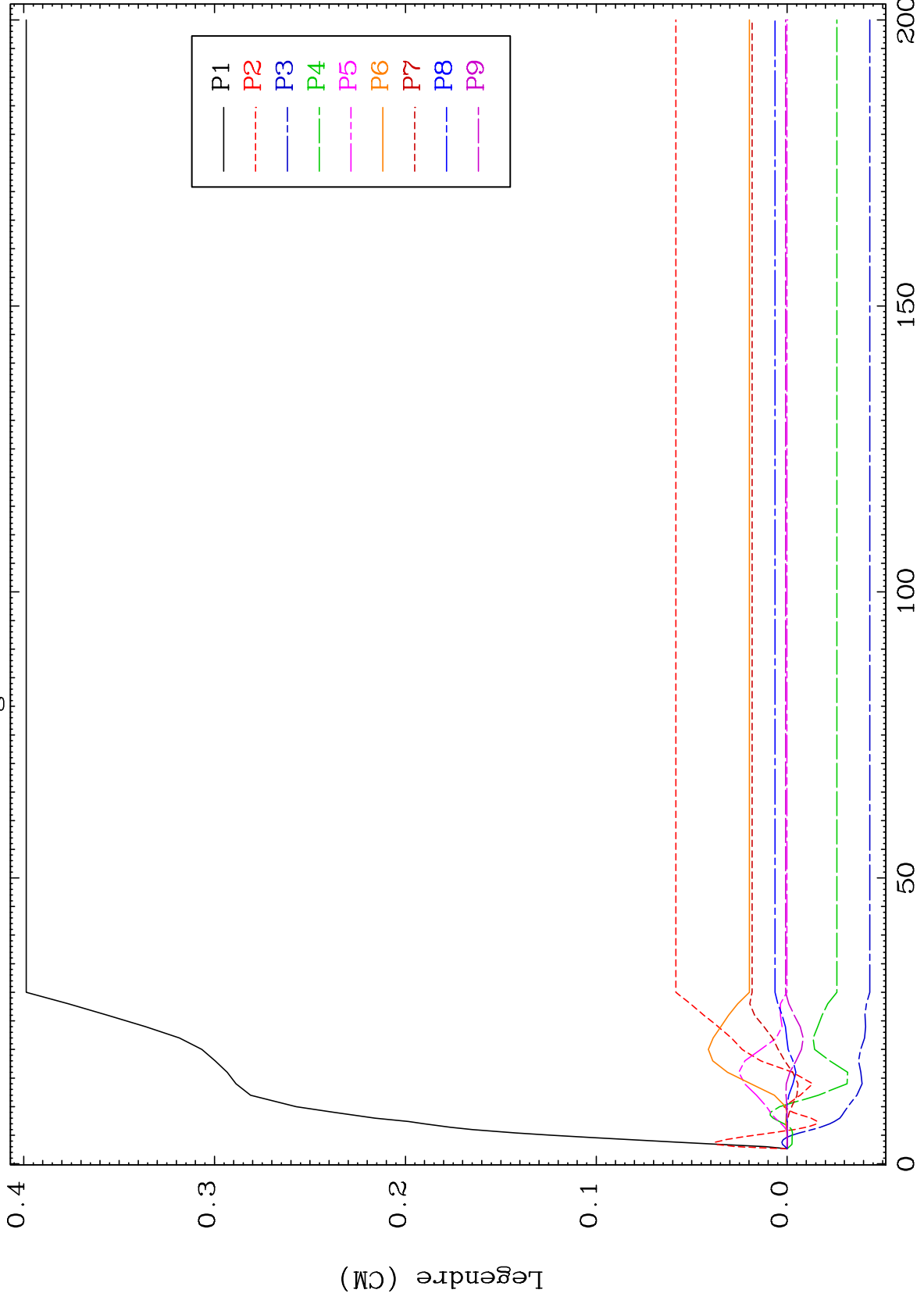


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Incident Energy (MeV)

46-Pd-93

MAT 4598 MT= 56 (n,n') Level Legendre Coefficients 46-Pd-93

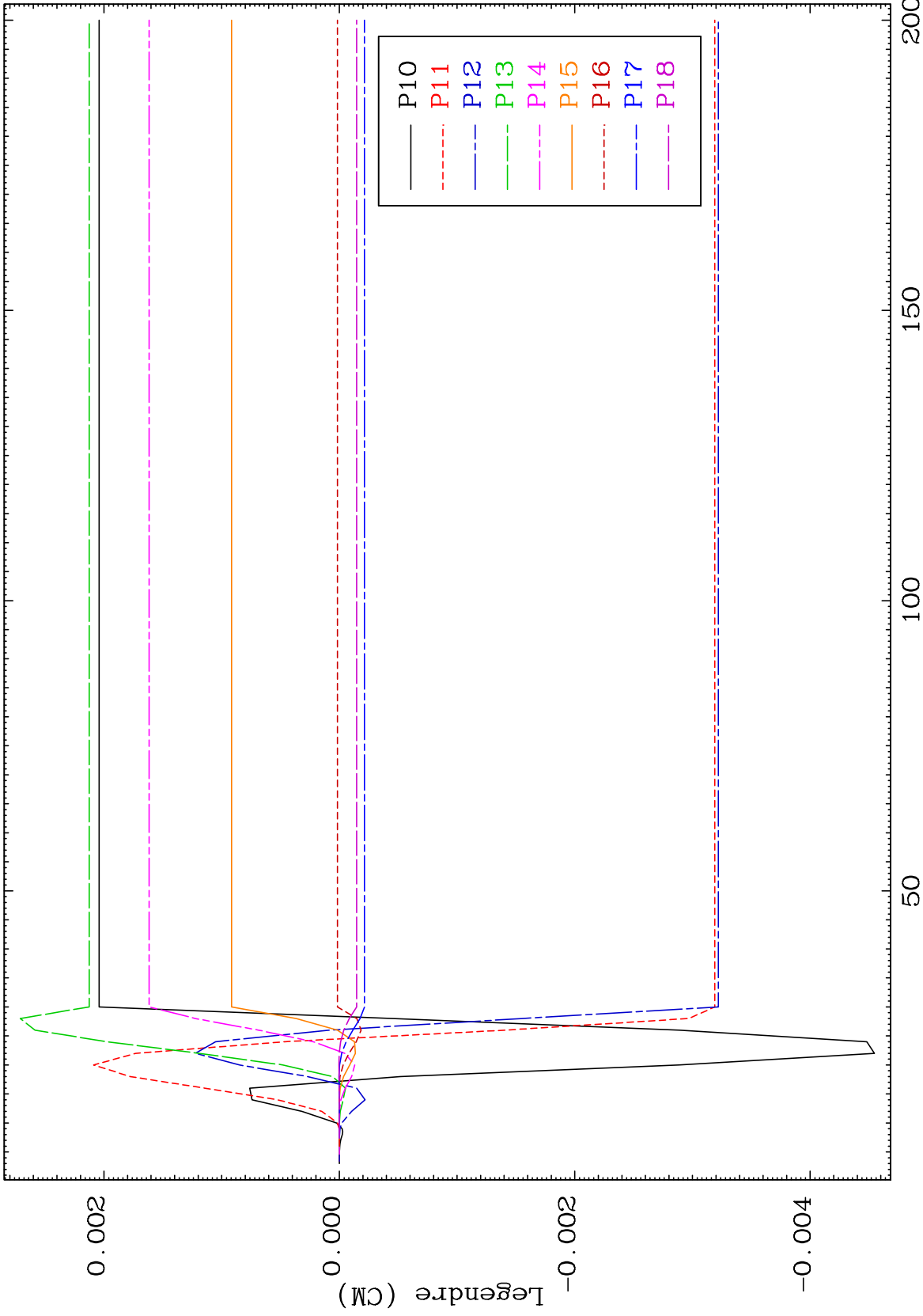


38 Incident Energy (MeV) 46-Pd-93

MAT 4598

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

46-Pd-93



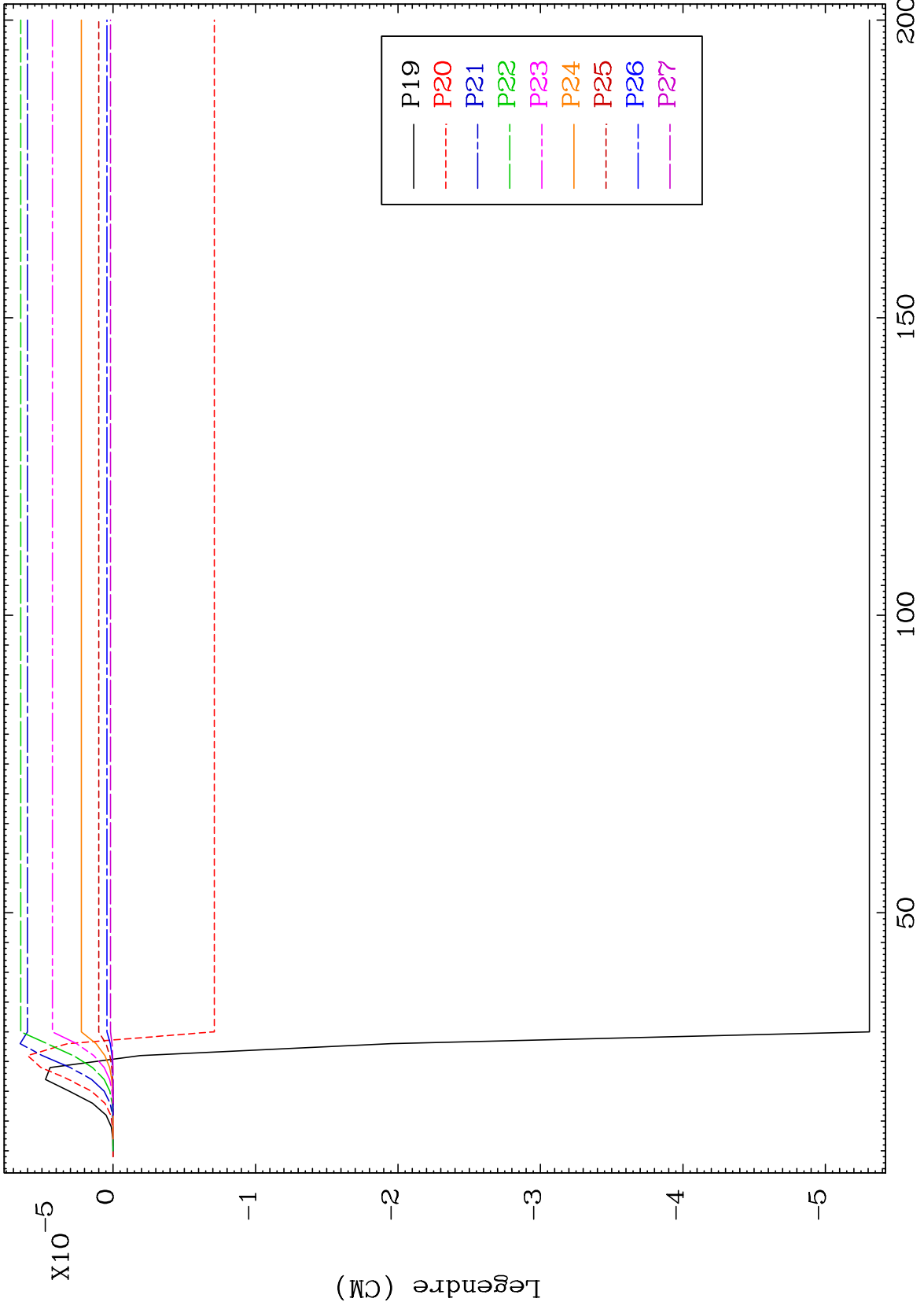
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Incident Energy (MeV)

46-Pd-93



MAT 4598 MT= 56 (n,n') Level Legendre Coefficients 46-Pd-93

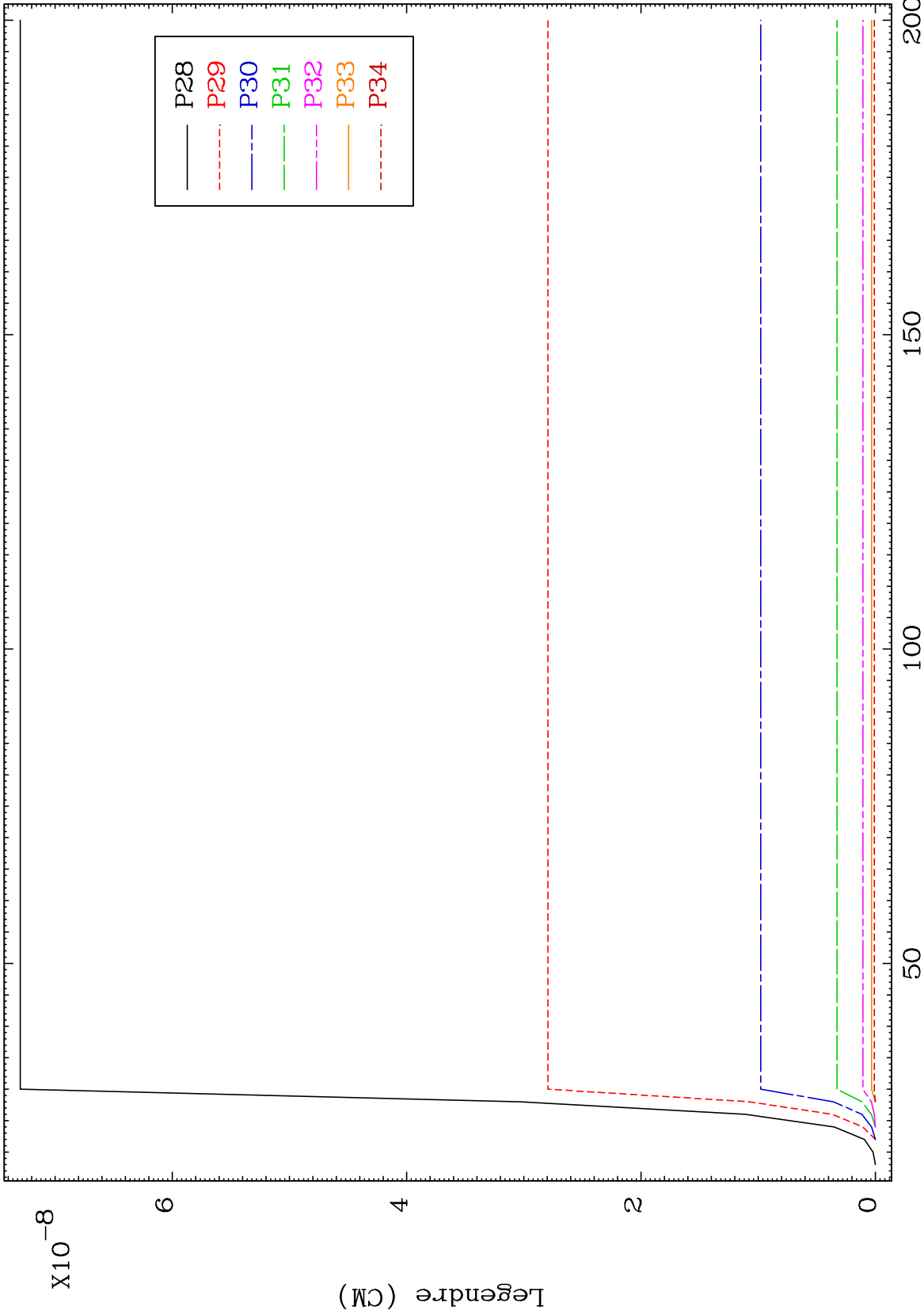


40 50 100 150 200 Incident Energy (MeV) 46-Pd-93

MAT 4598

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

46-Pd-93



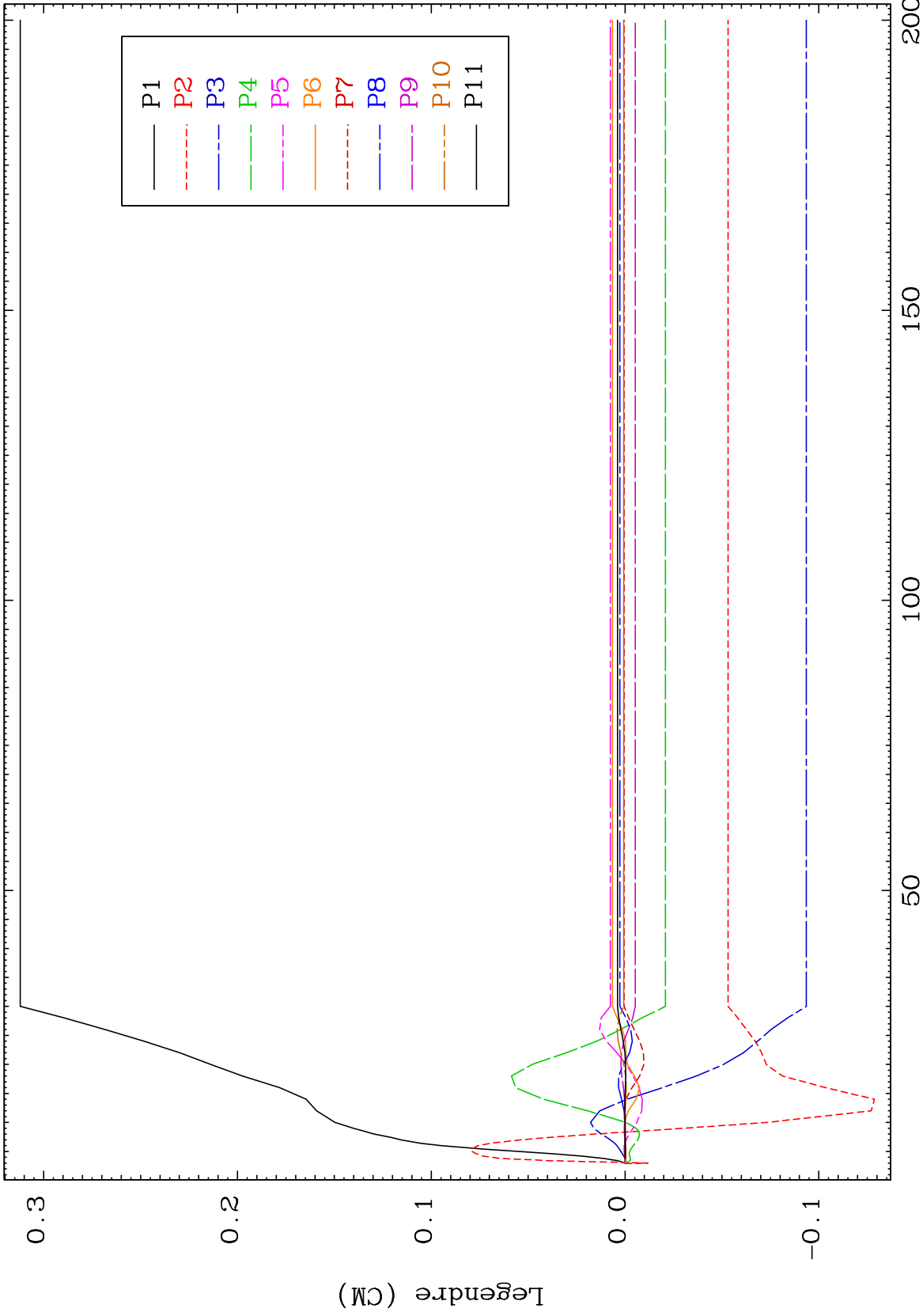
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46-Pd-93

MAT 4598

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

46-Pd-93



42

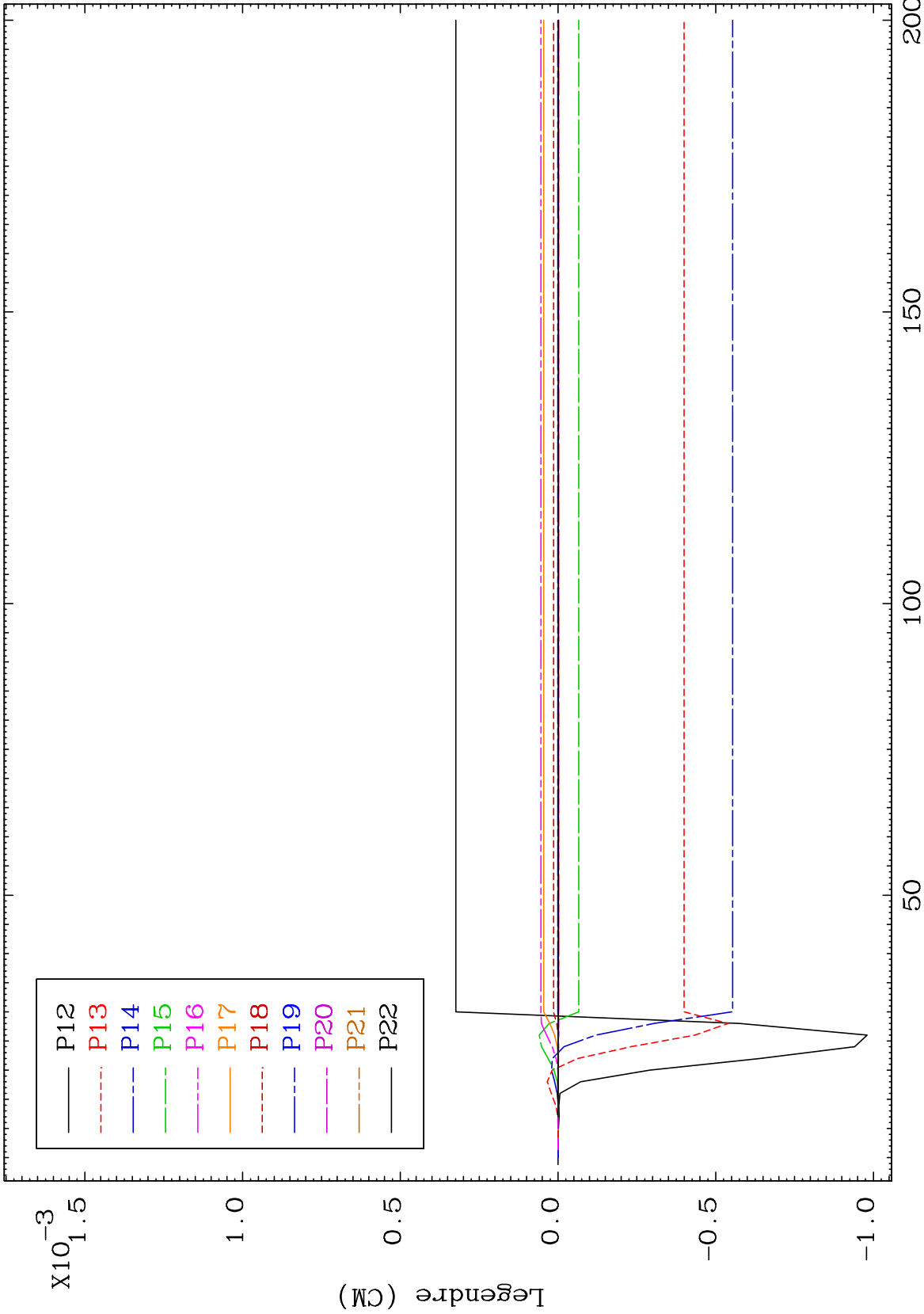
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93

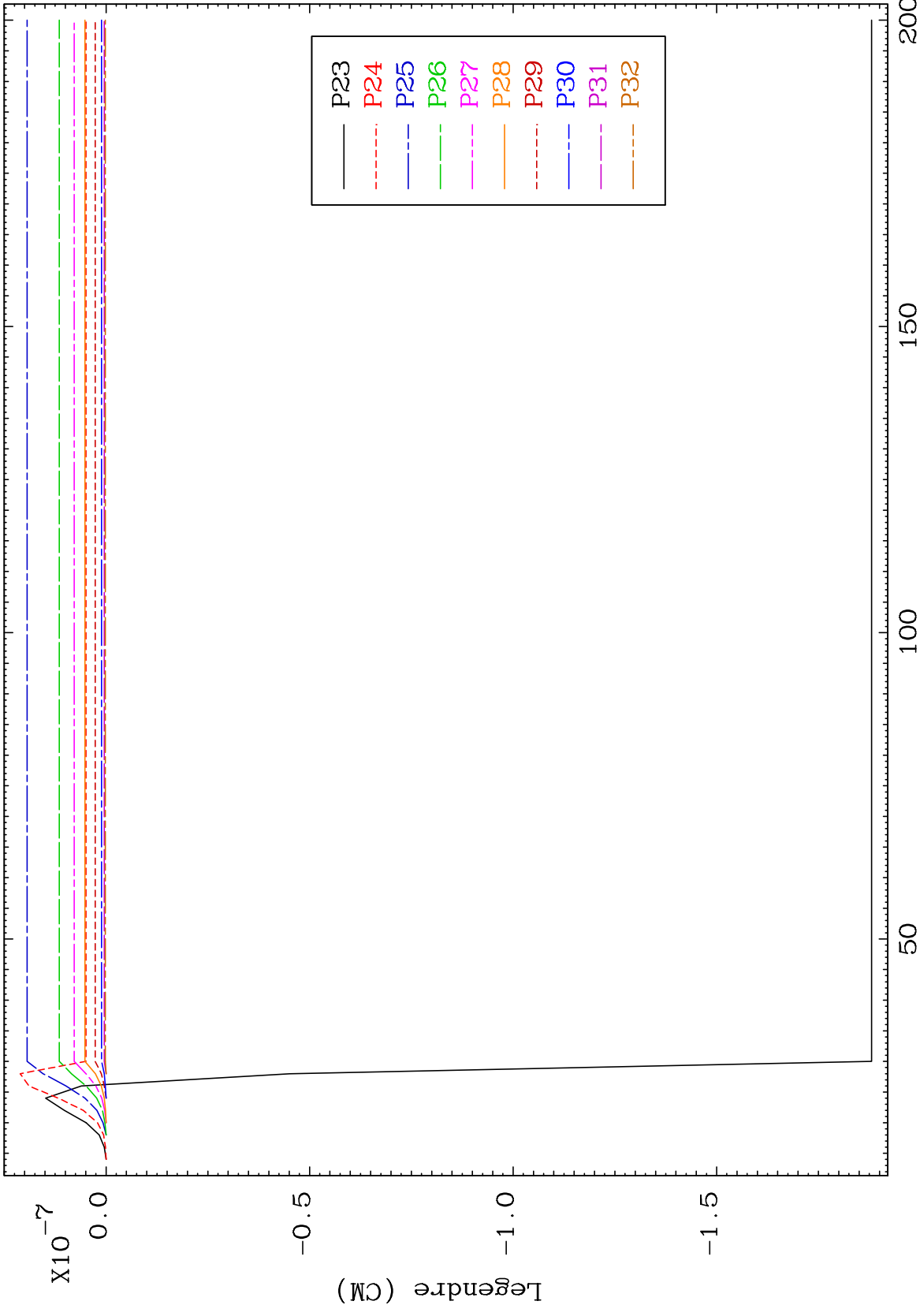


43

Incident Energy (MeV)

46-Pd-93

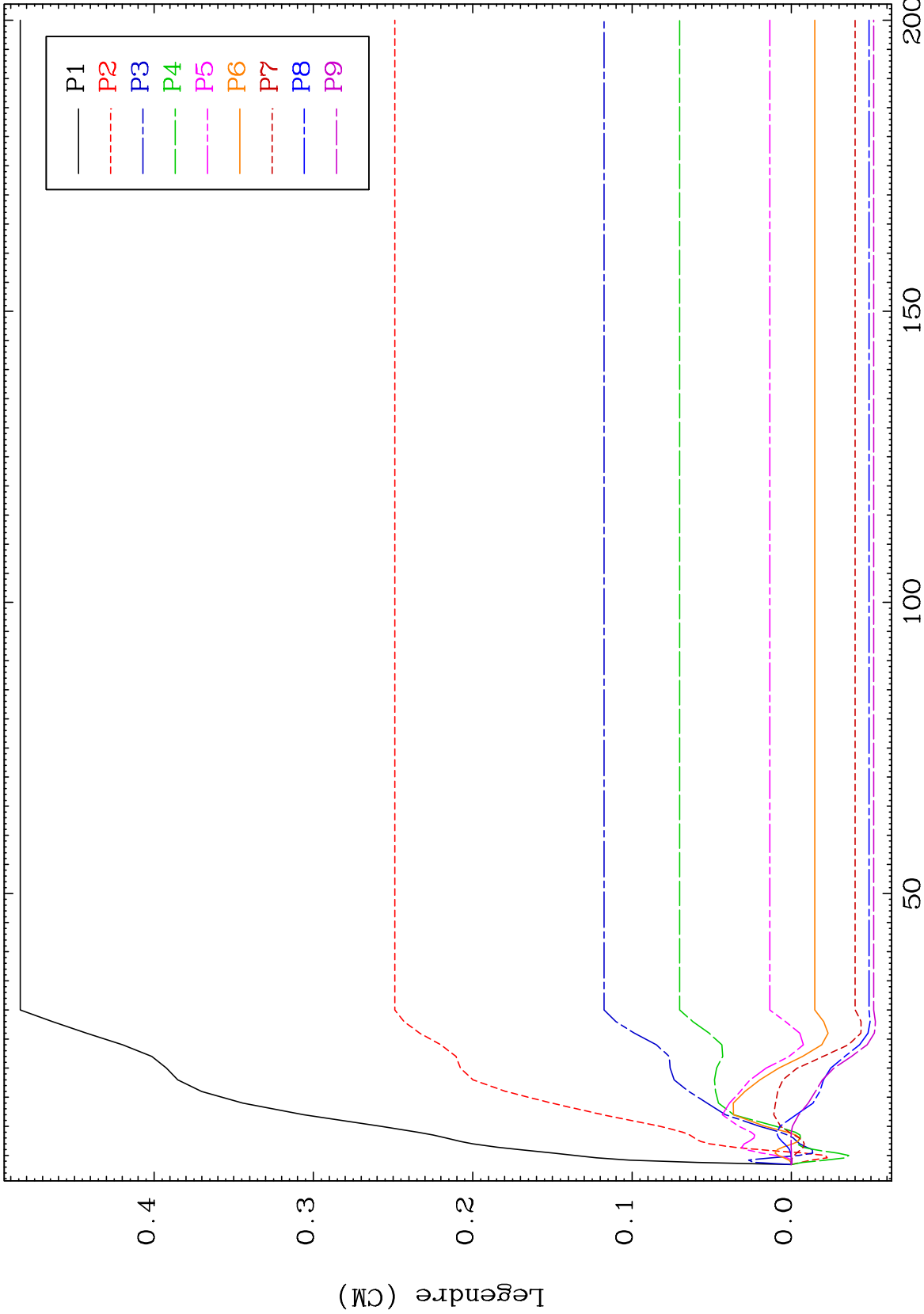
MAT 4598 MT= 57 (n,n') Level Legendre Coefficients 46-Pd-93



MAT 4598

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

46-Pd-93



45

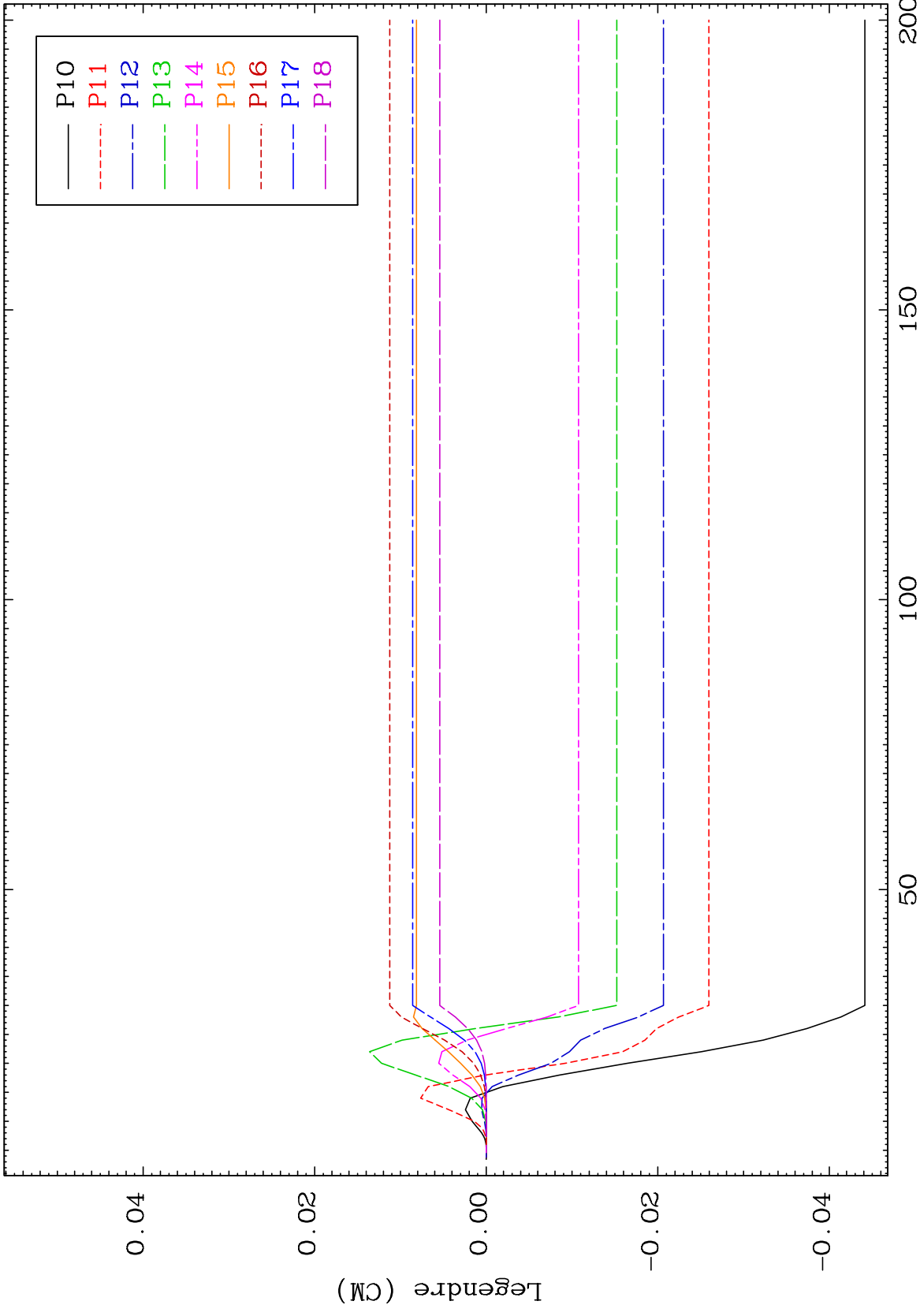
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



46

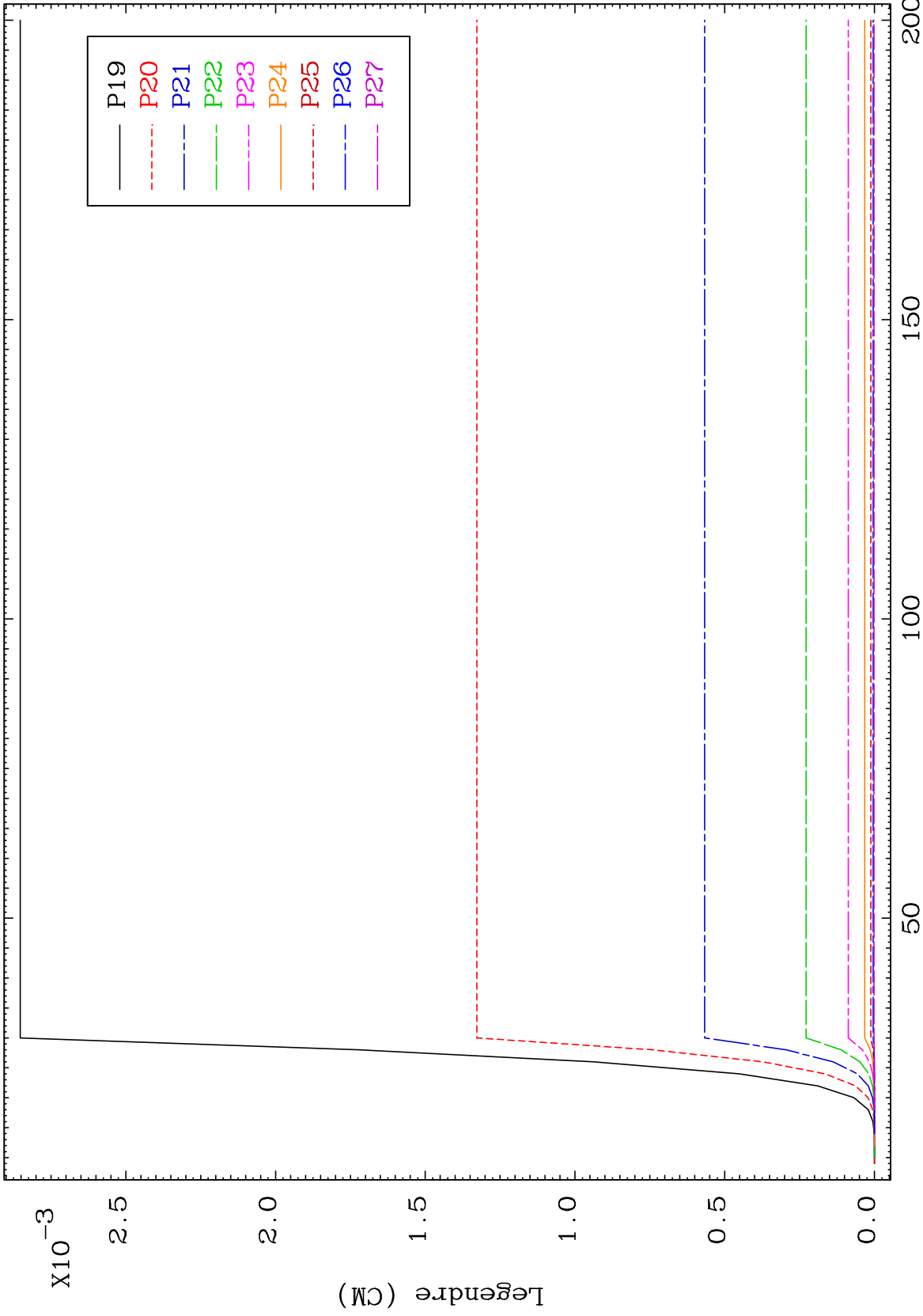
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



47

Incident Energy (MeV)

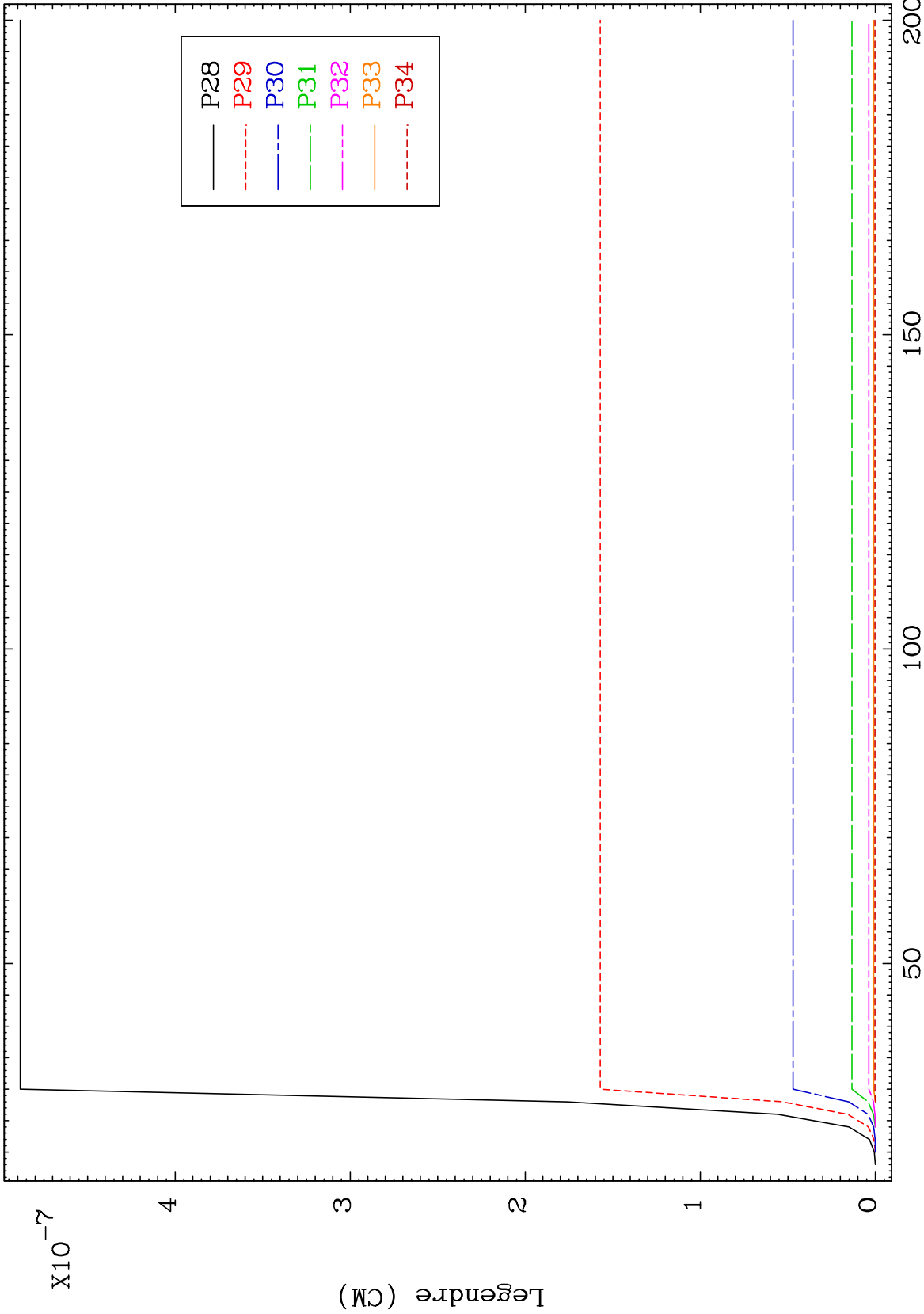
46-Pd-93



MAT 4598

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

46-Pd-93



48

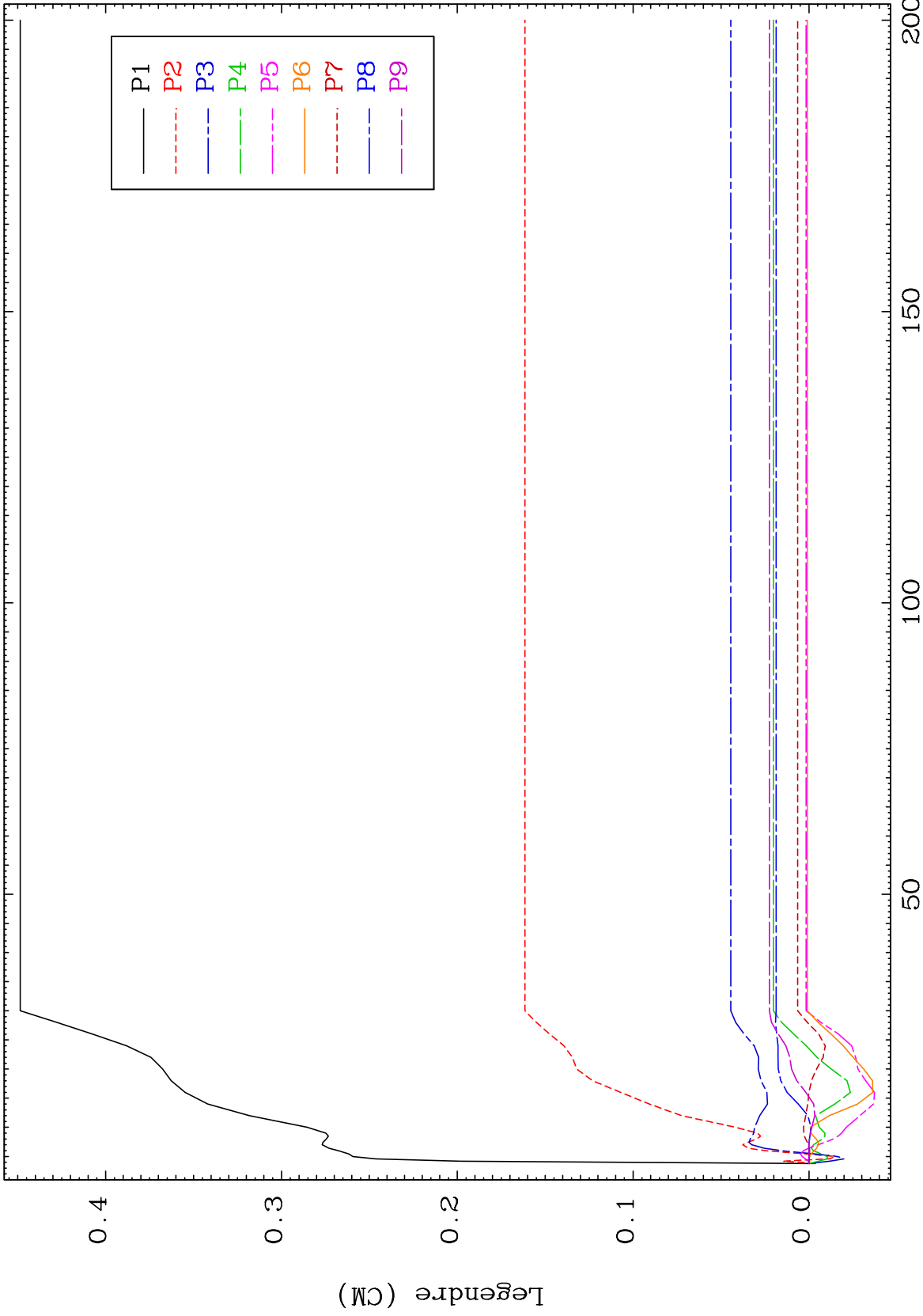
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



49

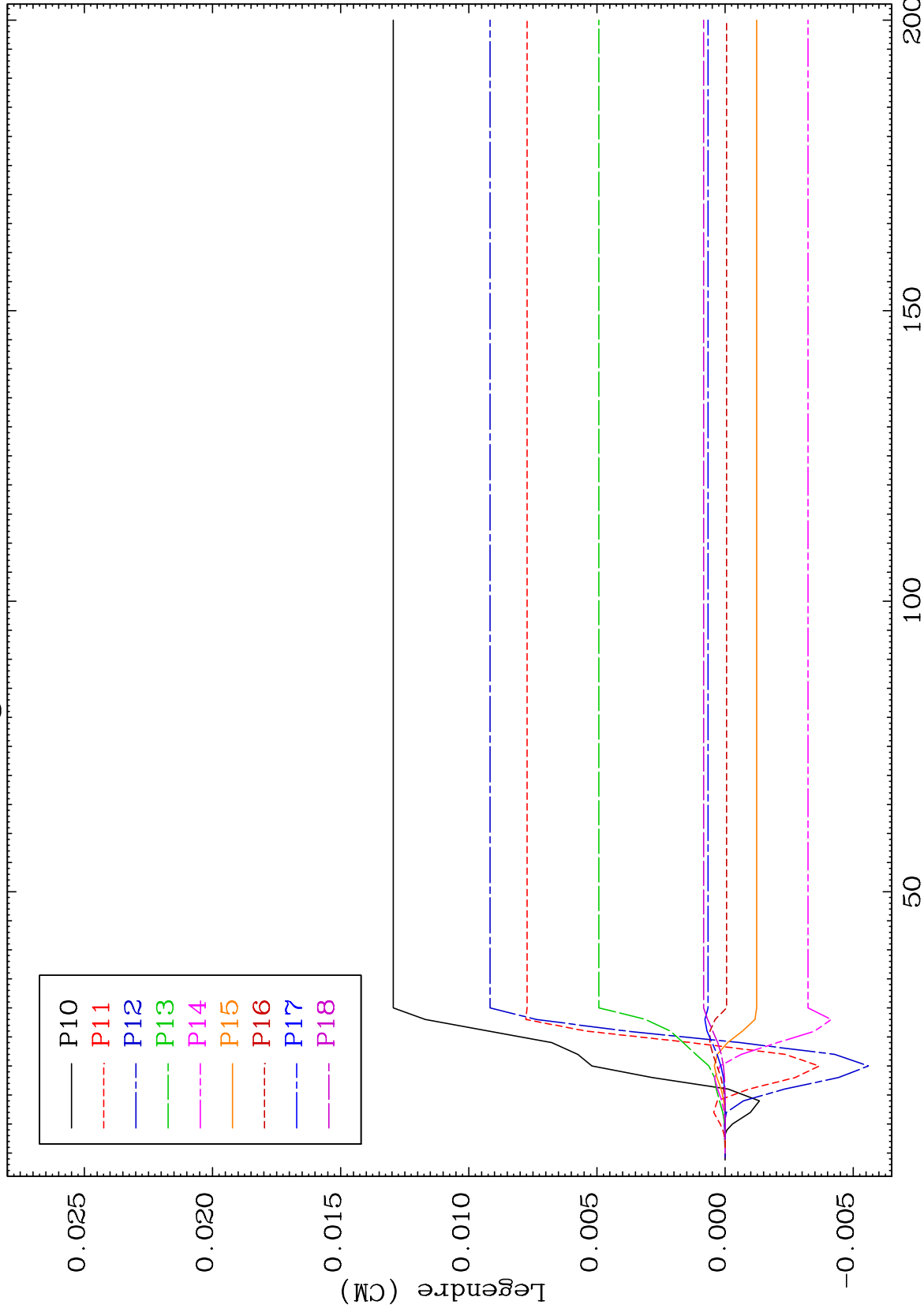
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



50

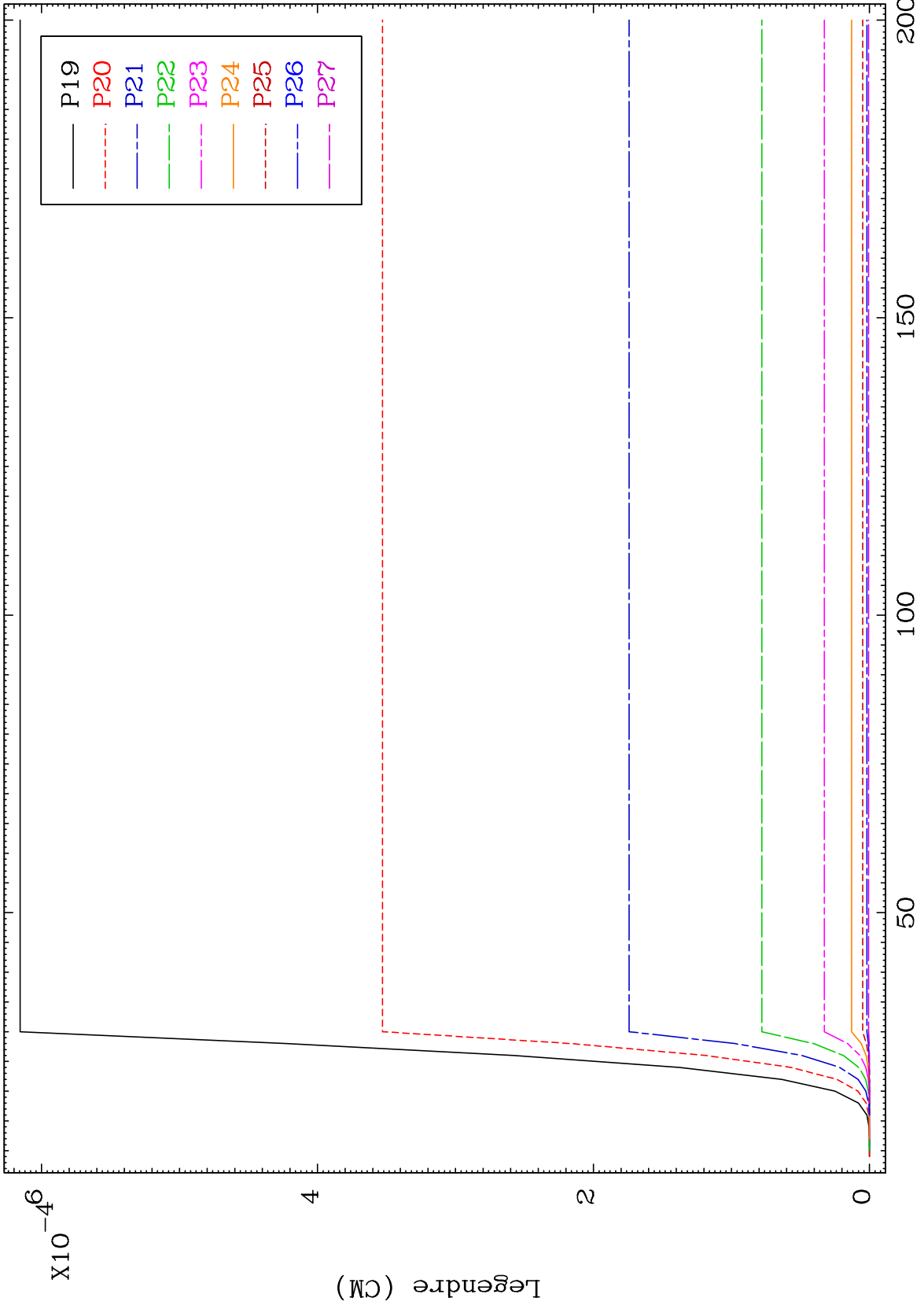
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



51

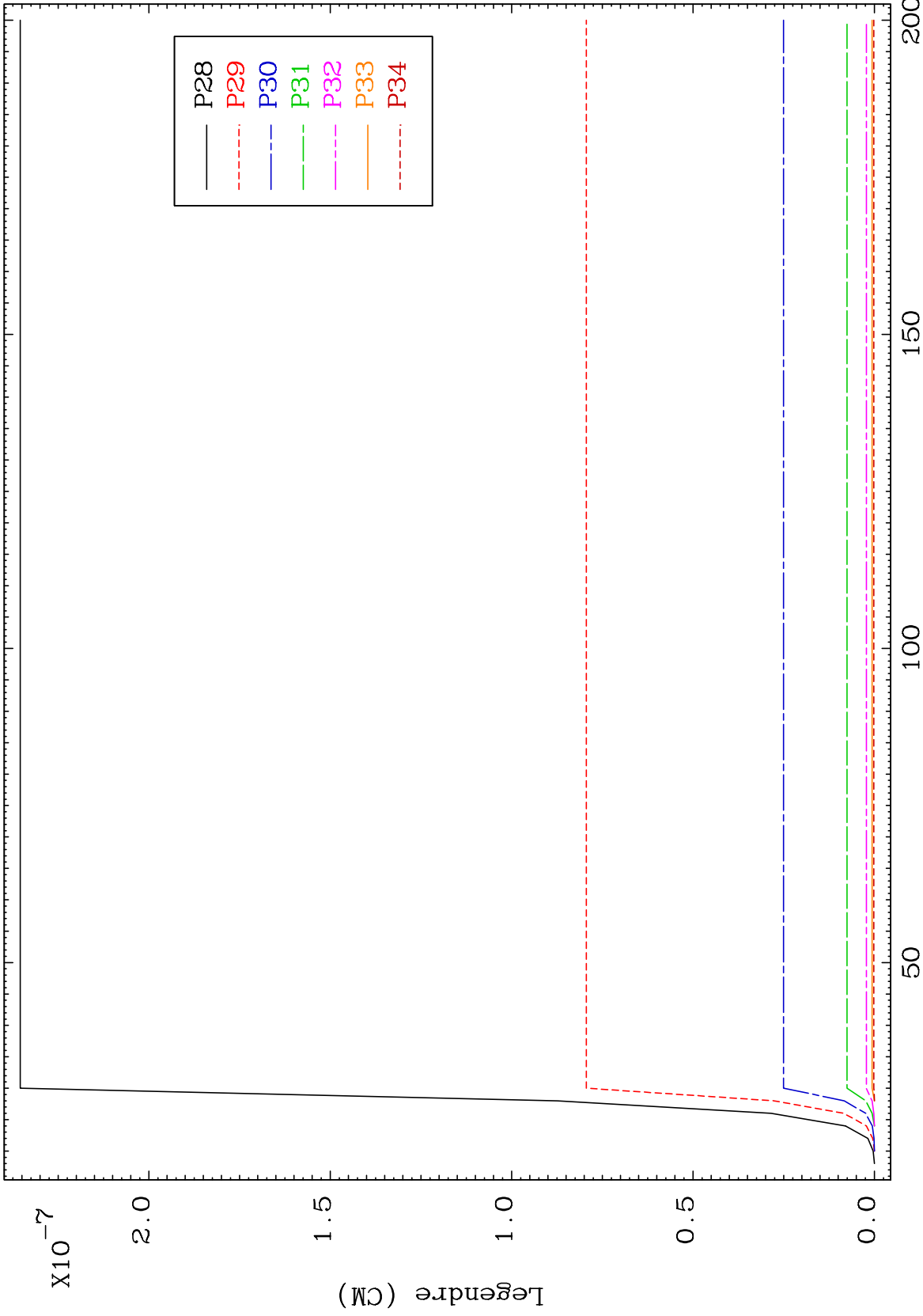
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



52

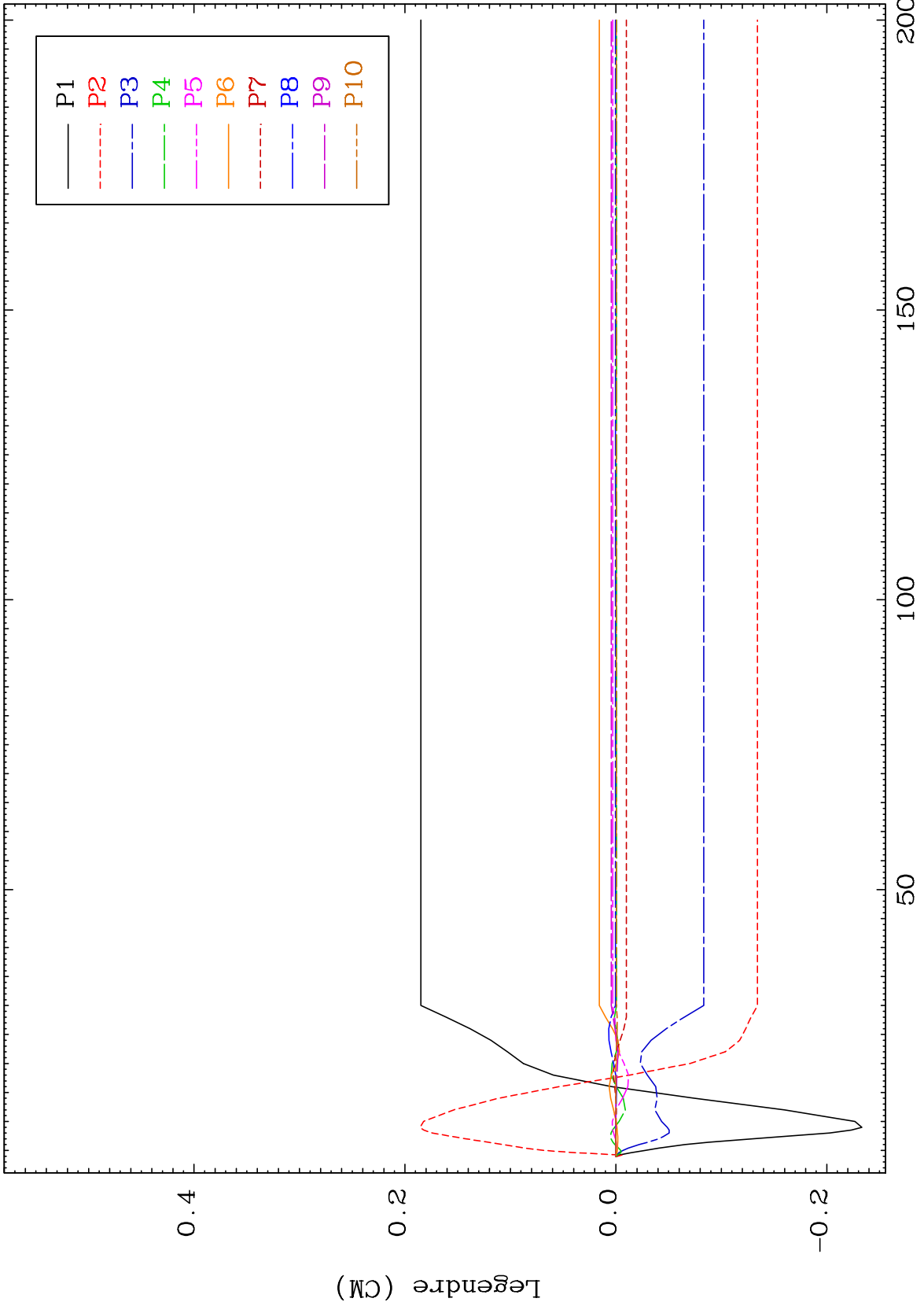
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



53

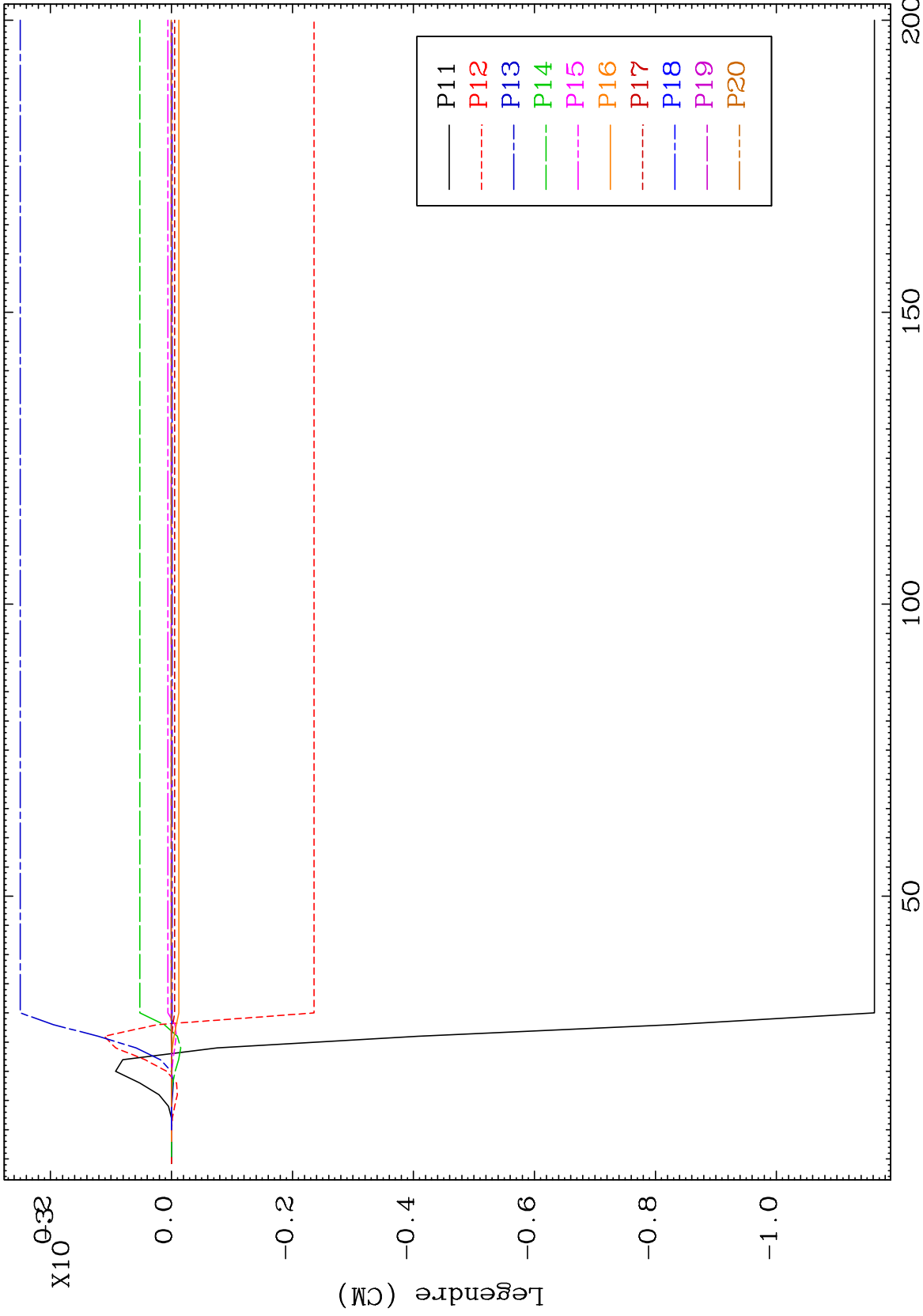
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



54

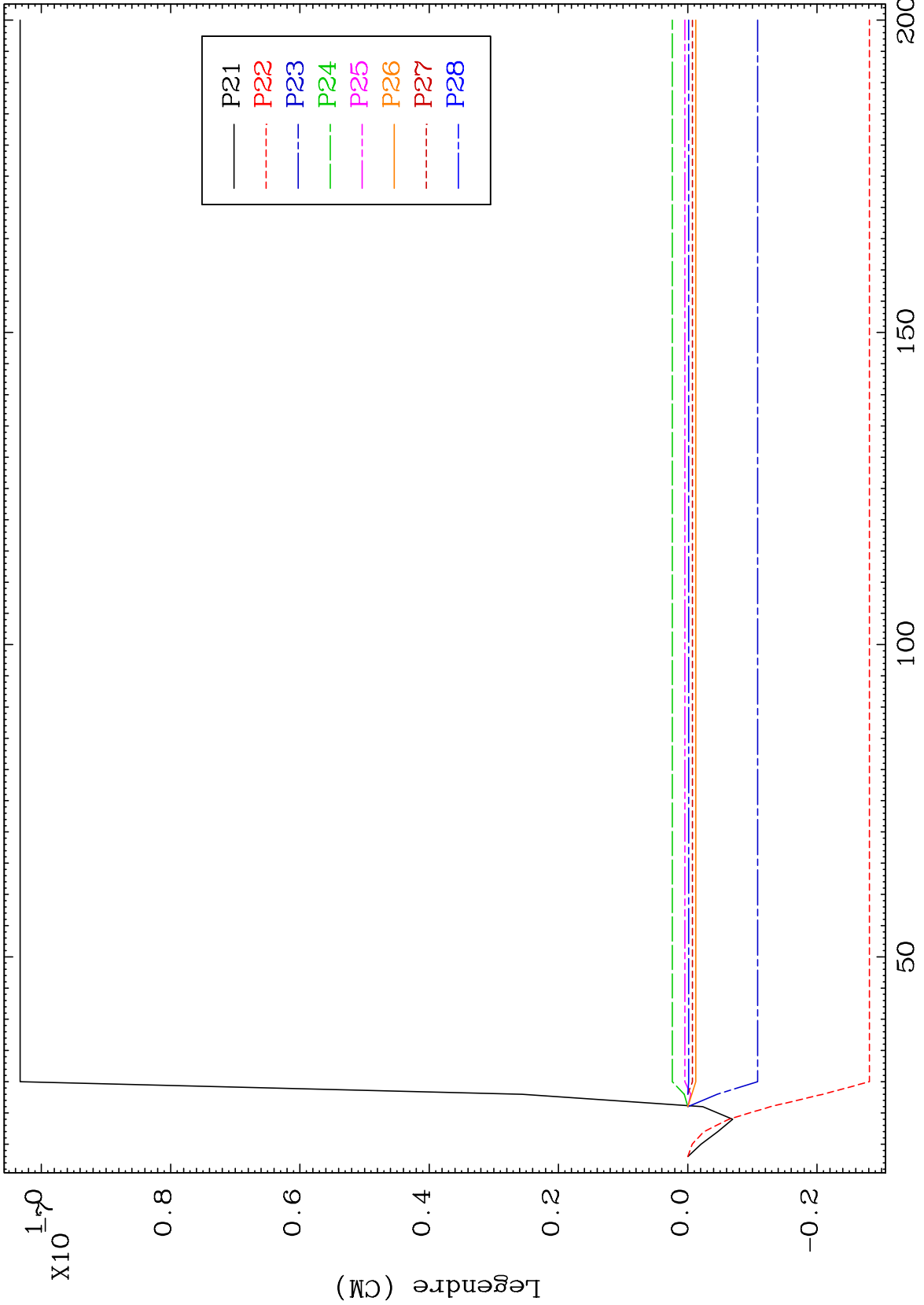
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



55

Incident Energy (MeV)

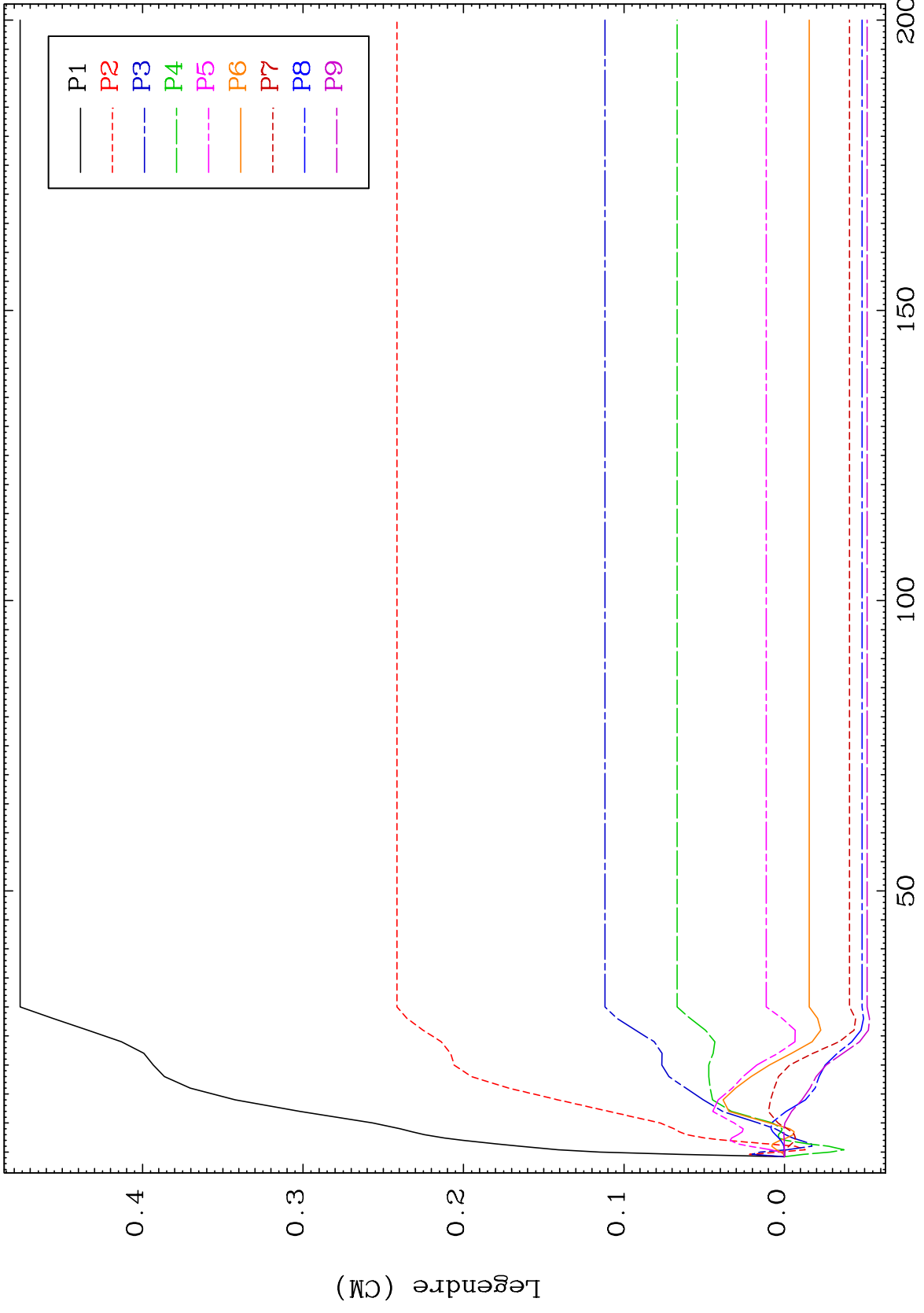
46-Pd-93



MAT 4598

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

46-Pd-93



56

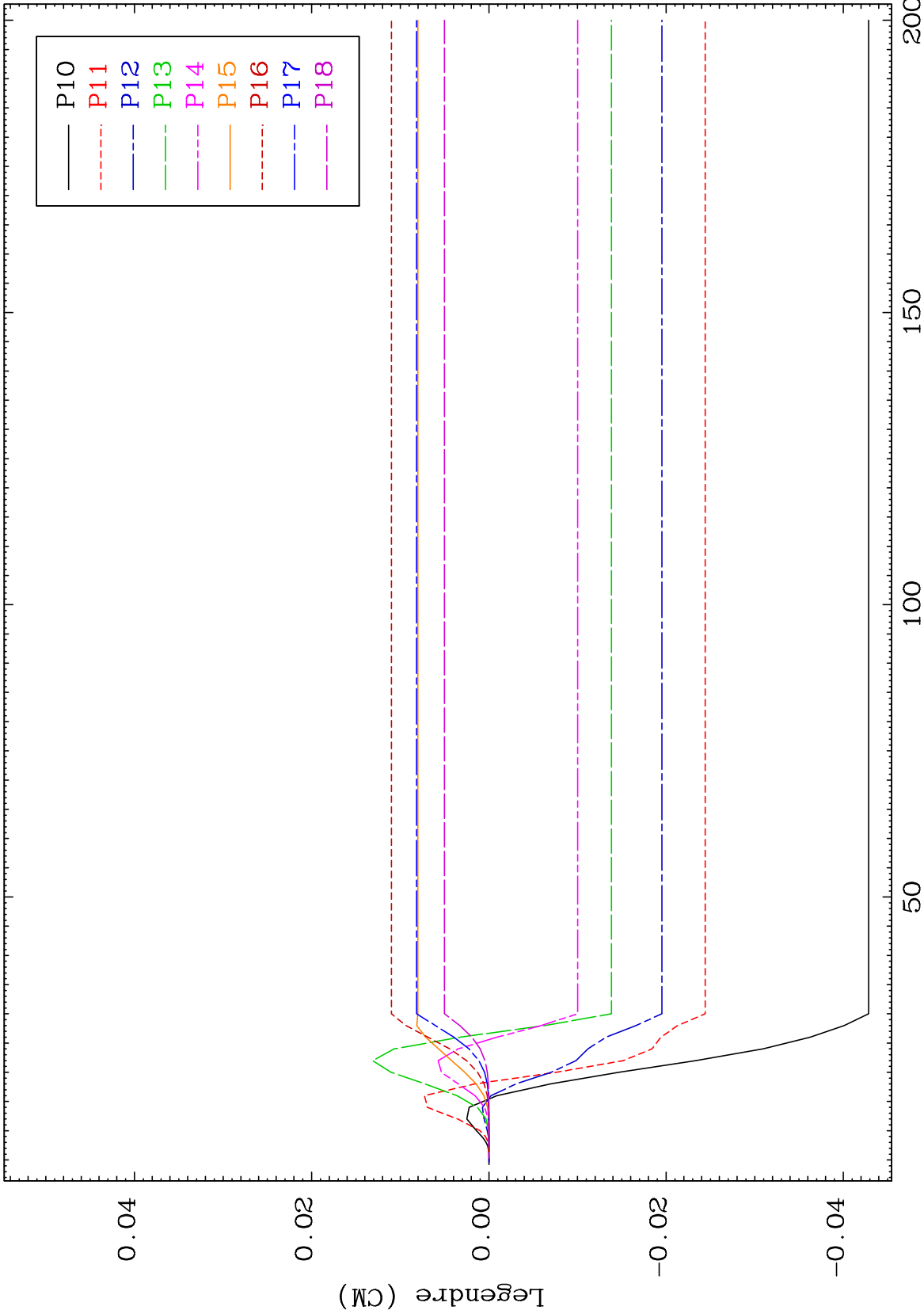
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93



57

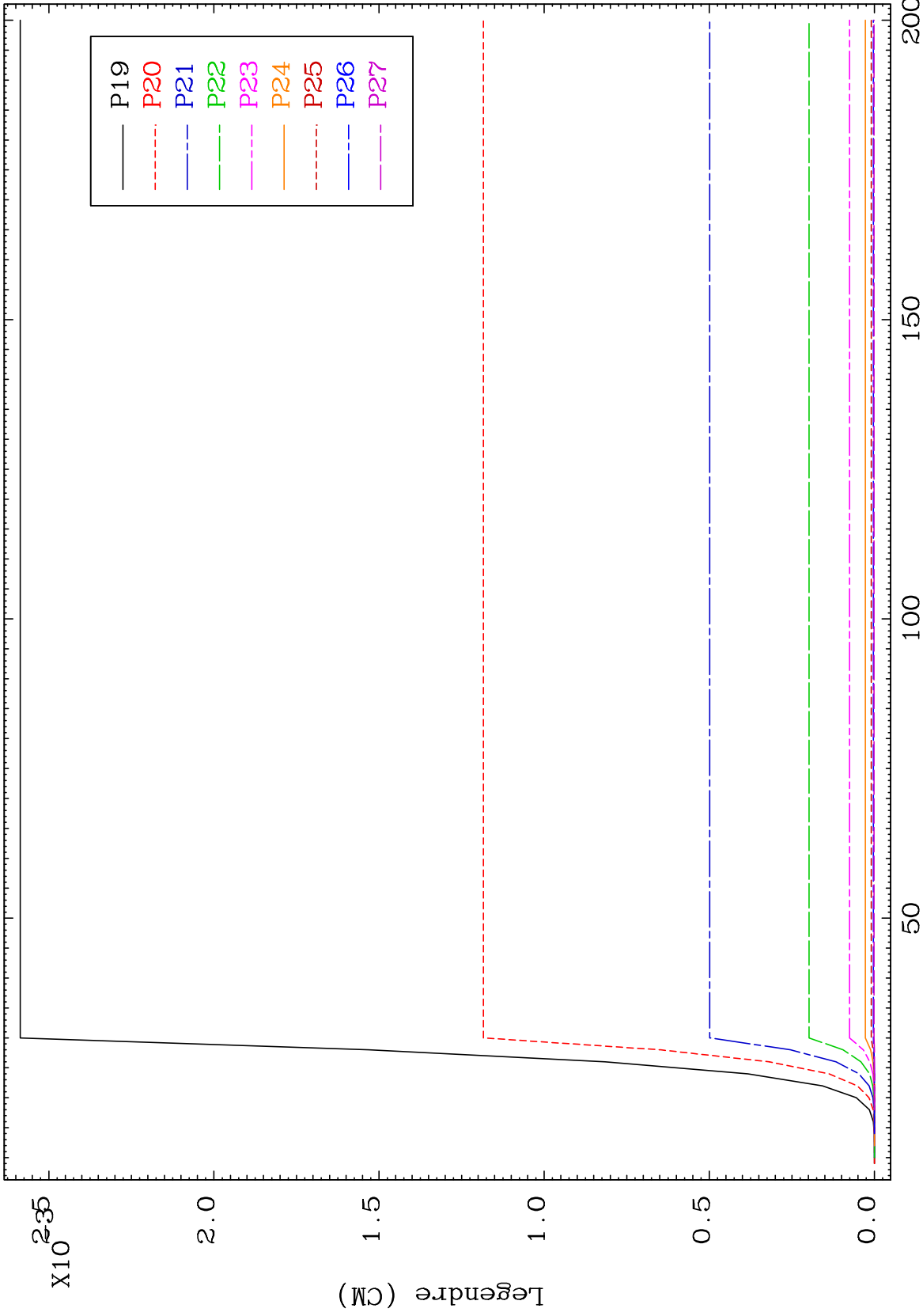
Incident Energy (MeV)

46-Pd-93

MAT 4598

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

46-Pd-93

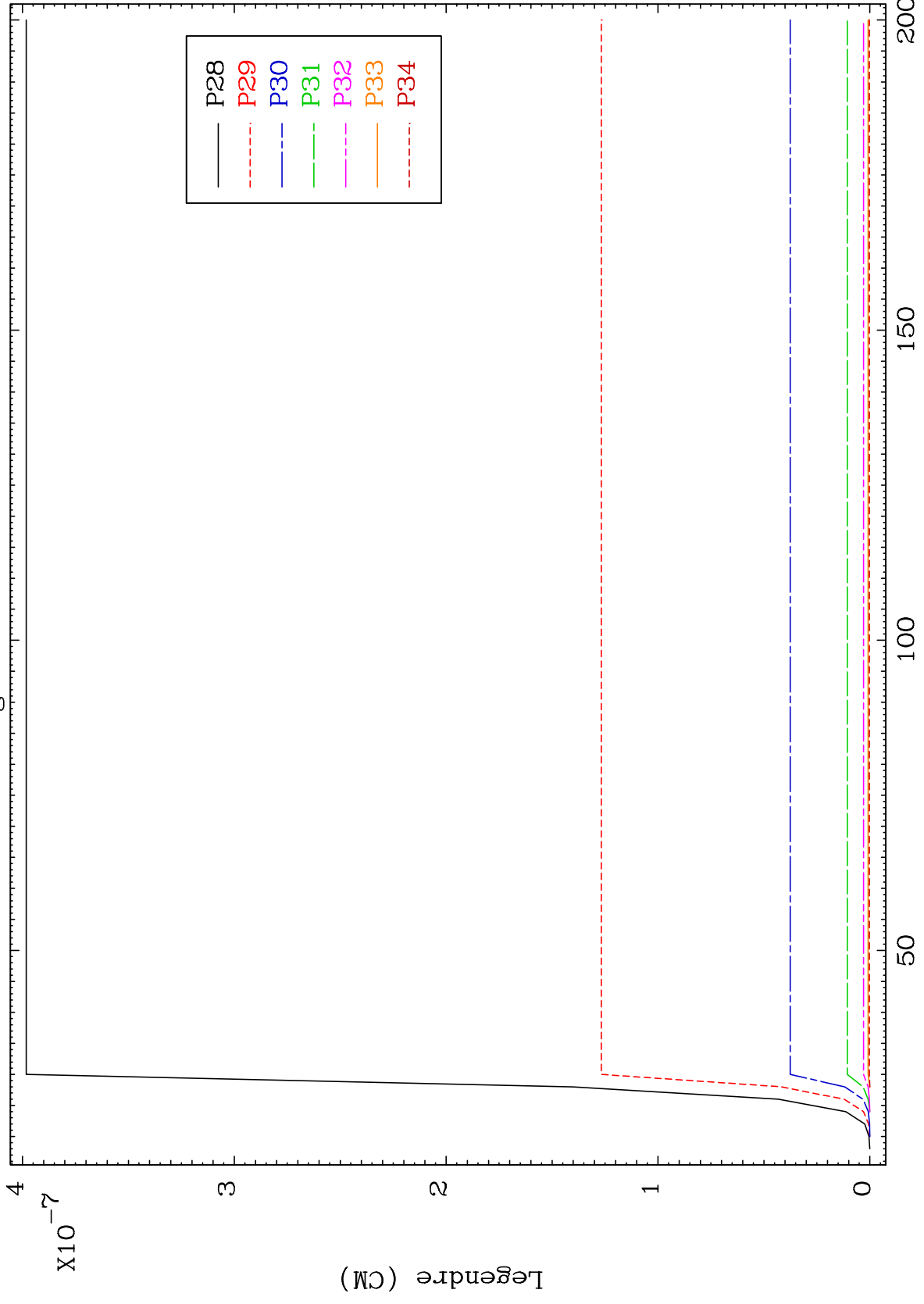


58

Incident Energy (MeV)

46-Pd-93

MAT 4598 MT= 61 (n,n') Level Legendre Coefficients 46-Pd-93



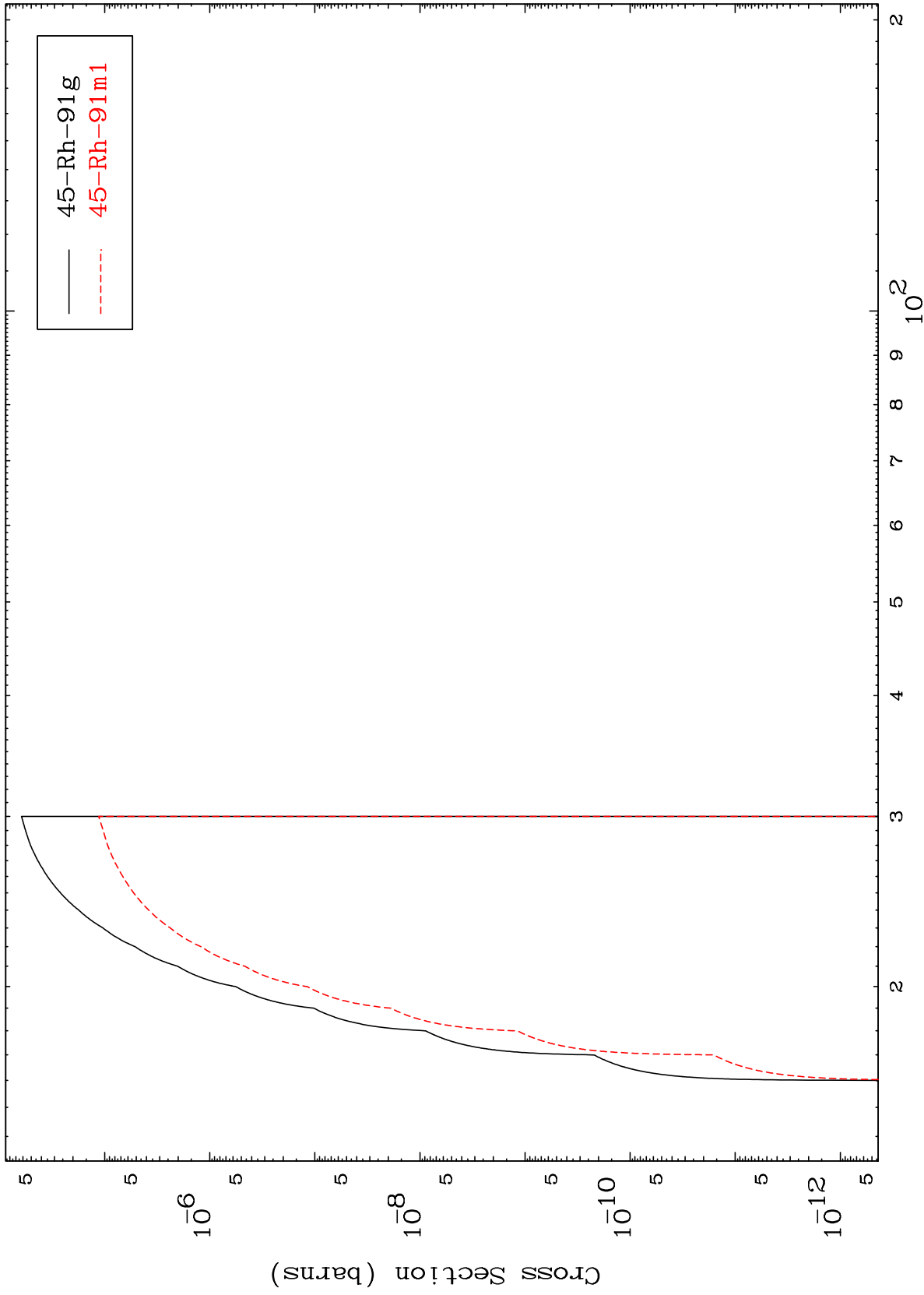
59 46-Pd-93

MAT 4598

(n,n') d

46-Pd-93

Radionuclide Production Cross Section



60

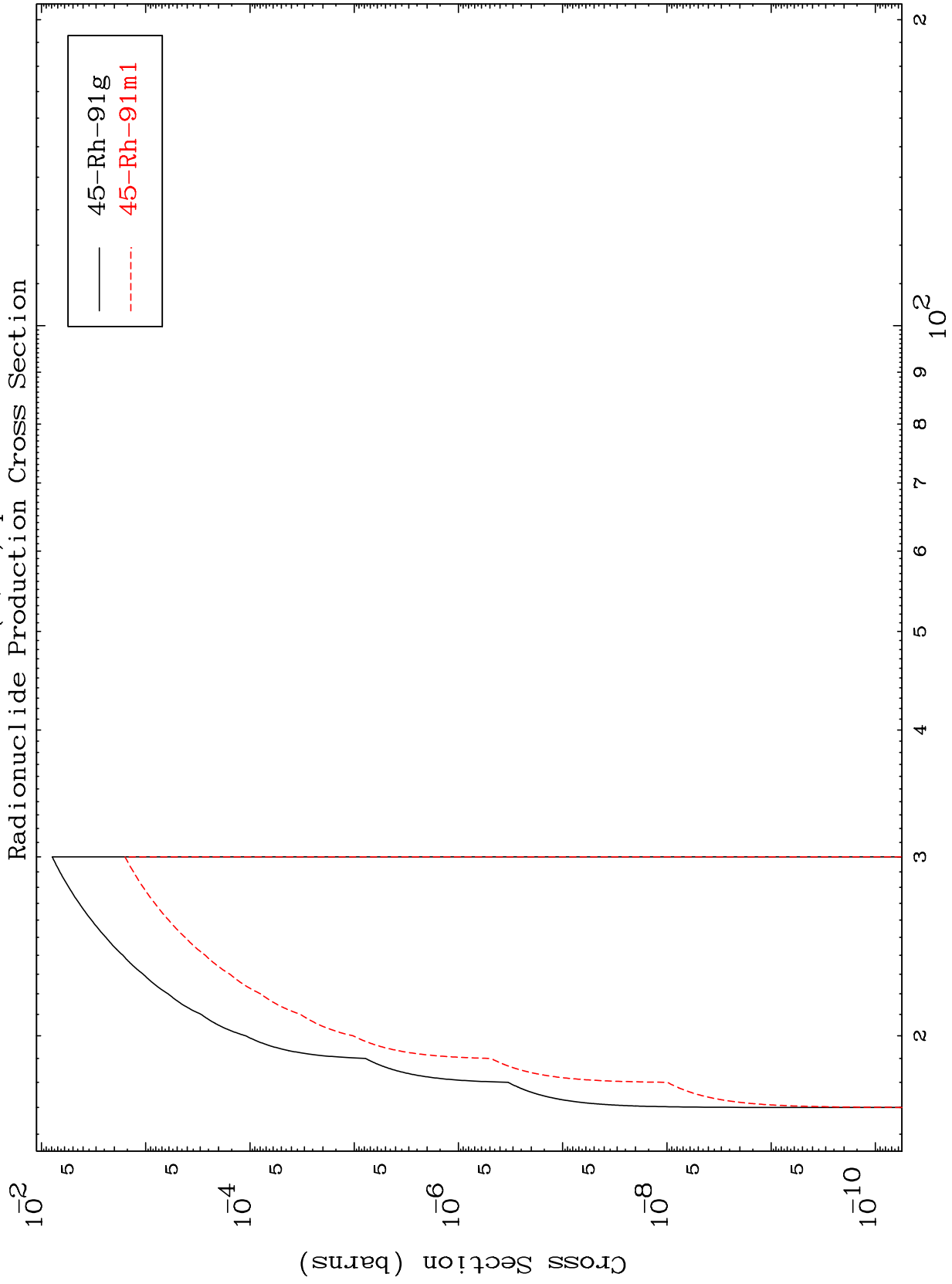
Incident Energy (MeV)

46-Pd-93

MAT 4598

(n,2n) p

46-Pd-93



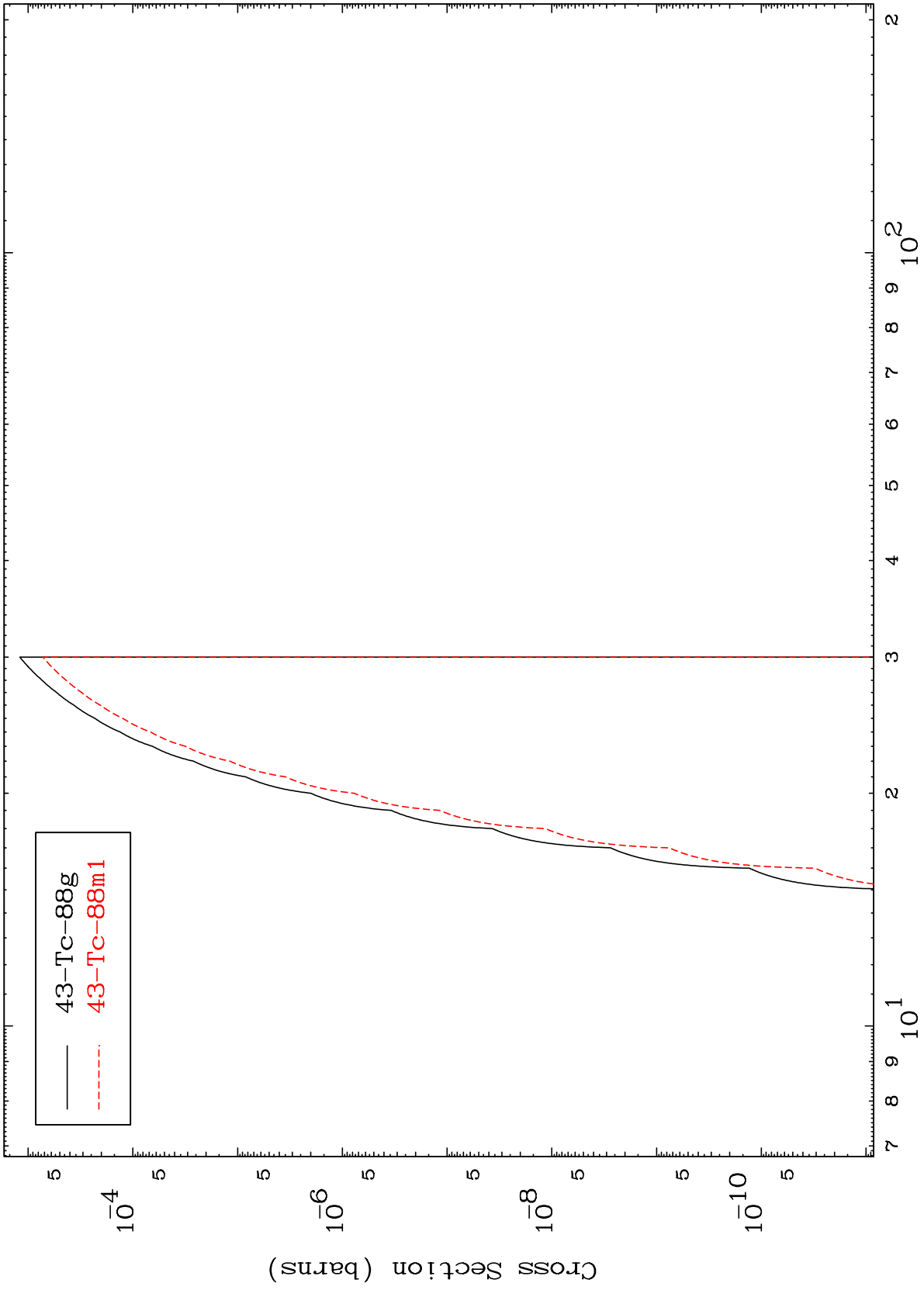
61

46-Pd-93

MAT 4598

46-Pd-93

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



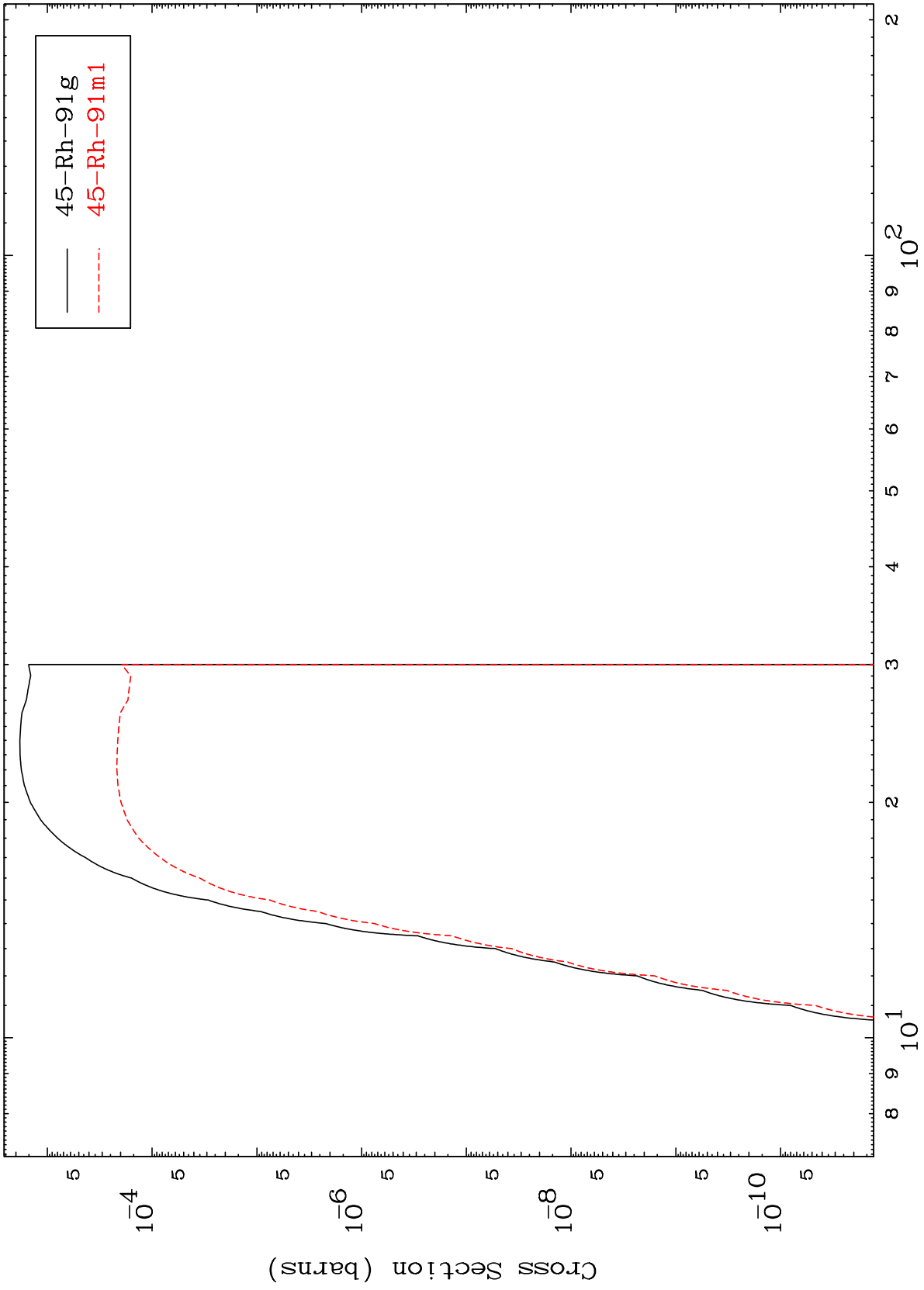
62

46-Pd-93

MAT 4598

46-Pd-93

(n, t)  
Radionuclide Production Cross Section



63

Incident Energy (MeV)

46-Pd-93

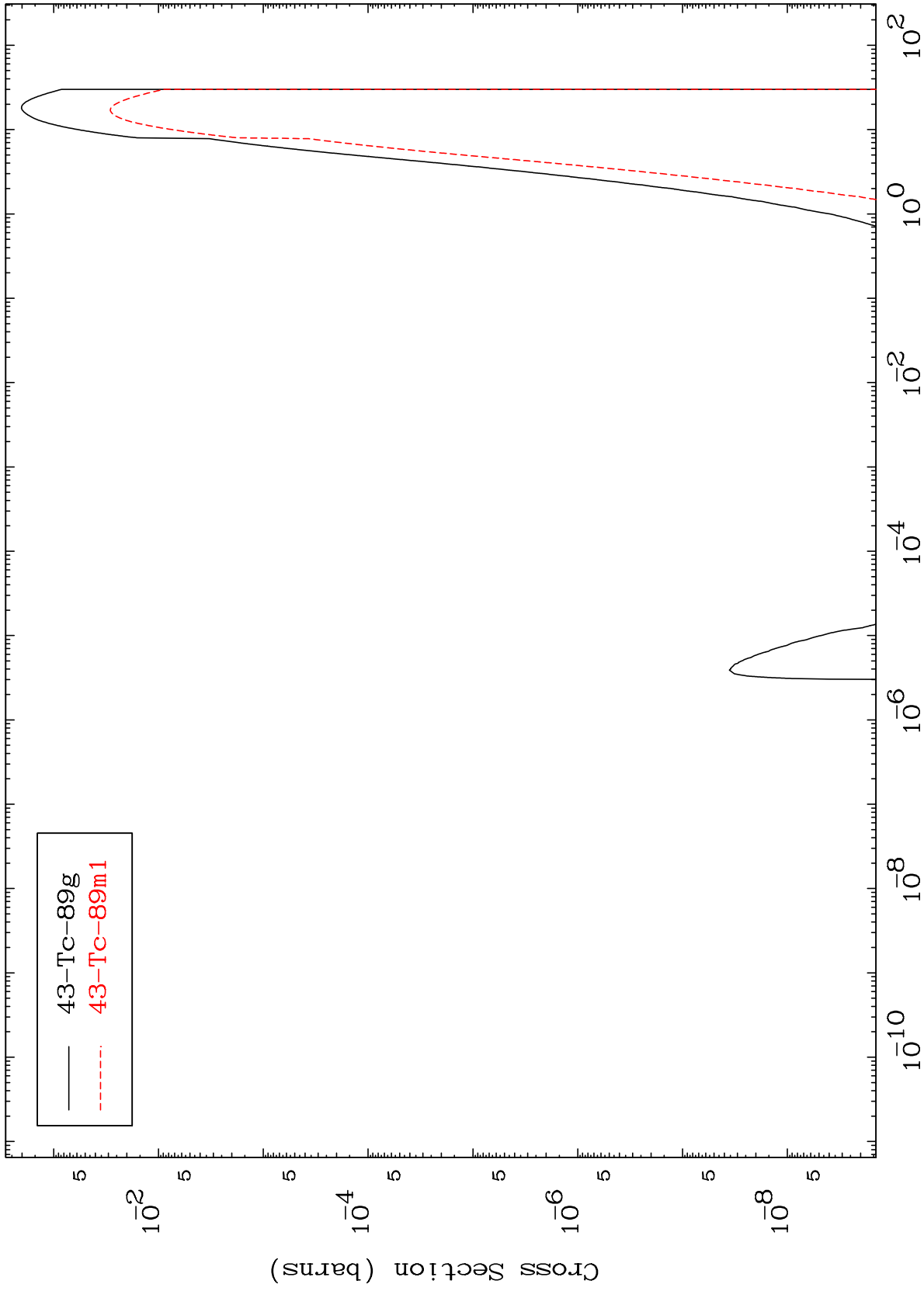


MAT 4598

(n,p)  $\alpha$

46-Pd-93

Radionuclide Production Cross Section

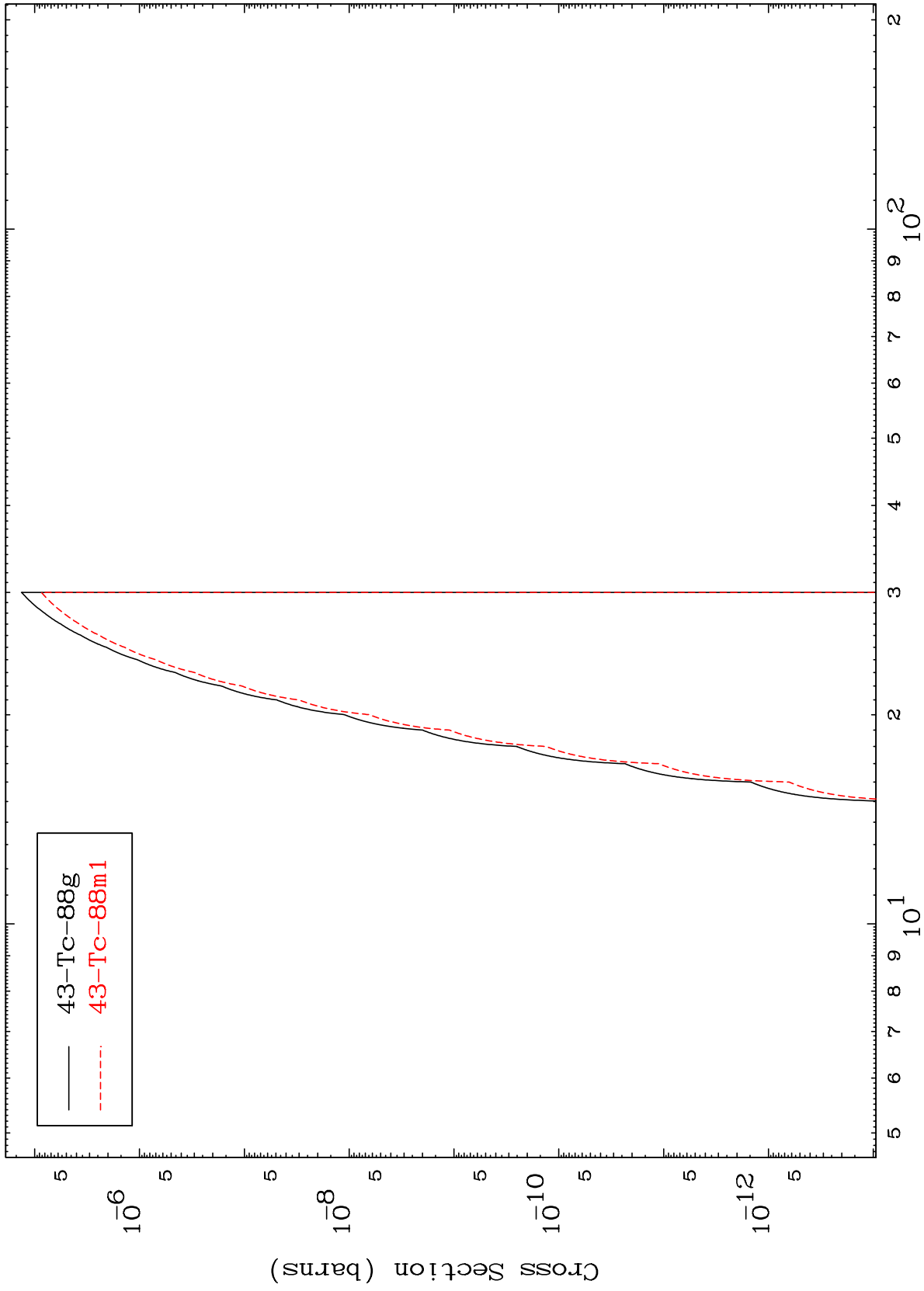


MAT 4598

(n,d)  $\alpha$

46-Pd-93

Radionuclide Production Cross Section



65

Incident Energy (MeV)

46-Pd-93