

Program EVALPLOT  
(Version 2018-1)

by

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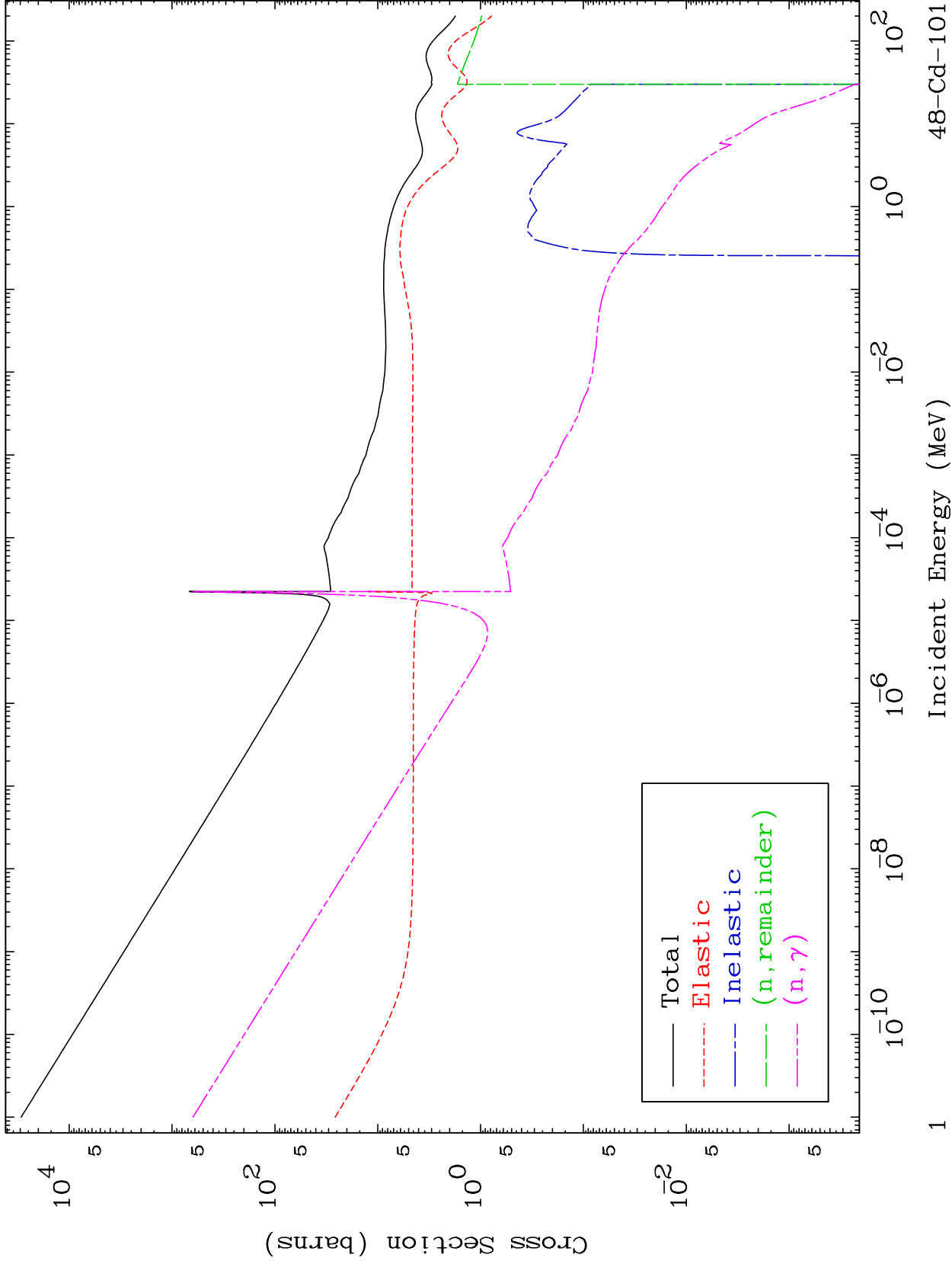
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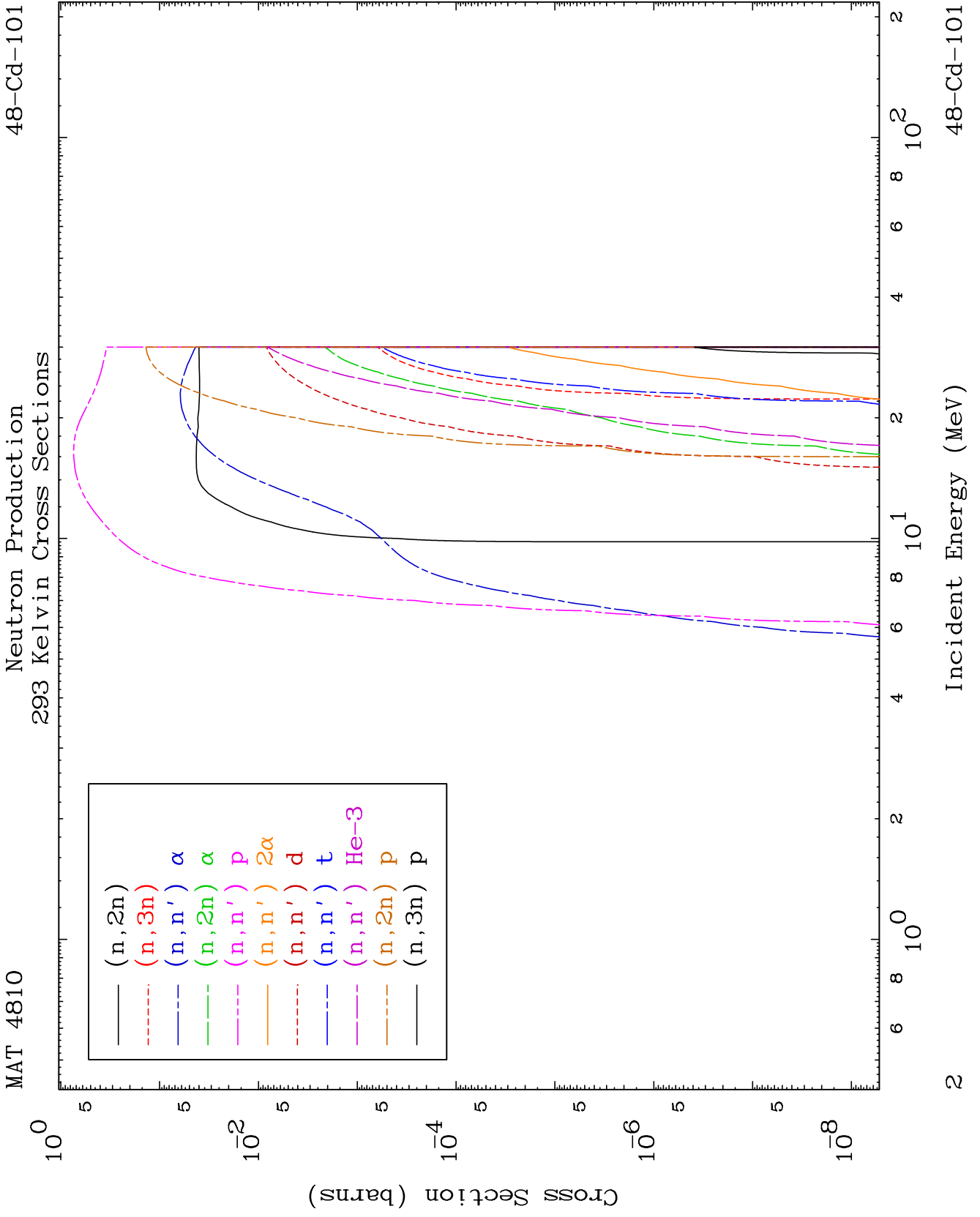
Press Mouse Button to Start

MAT 4810

Major  
293 Kelvin Cross Sections

48-Cd-101

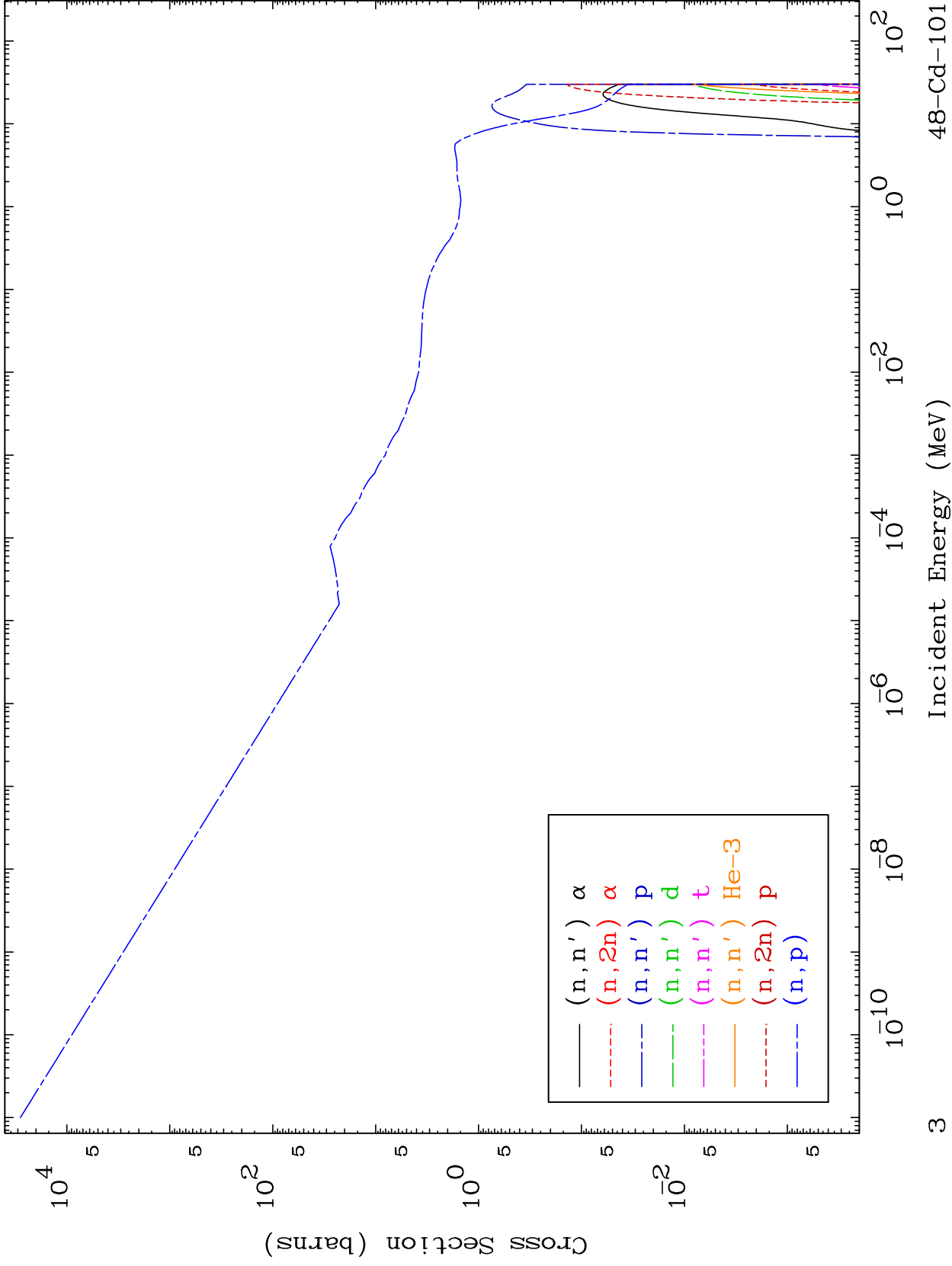




MAT 4810

Charged Particle  
293 Kelvin Cross Sections

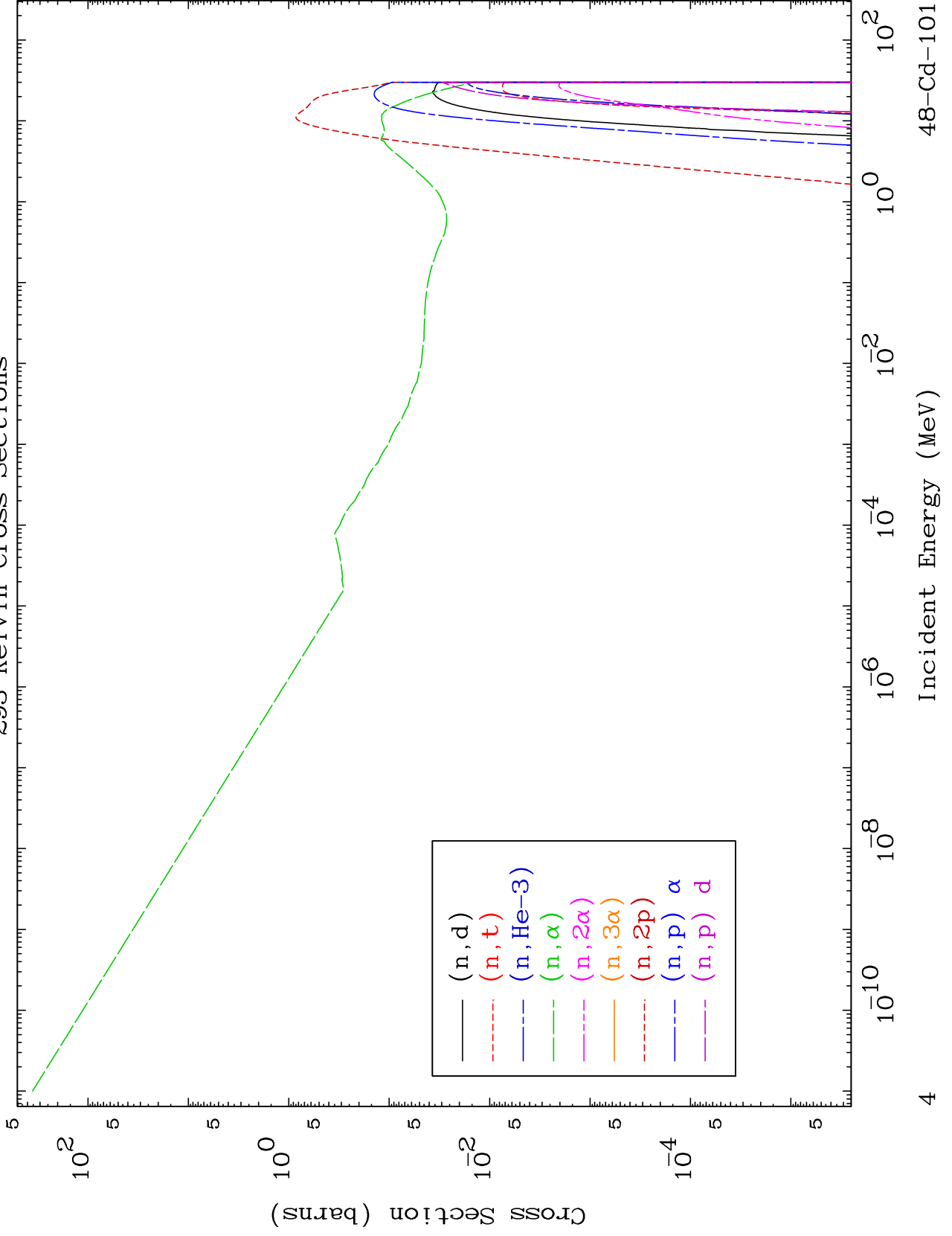
48-Cd-101



MAT 4810

Charged Particle  
293 Kelvin Cross Sections

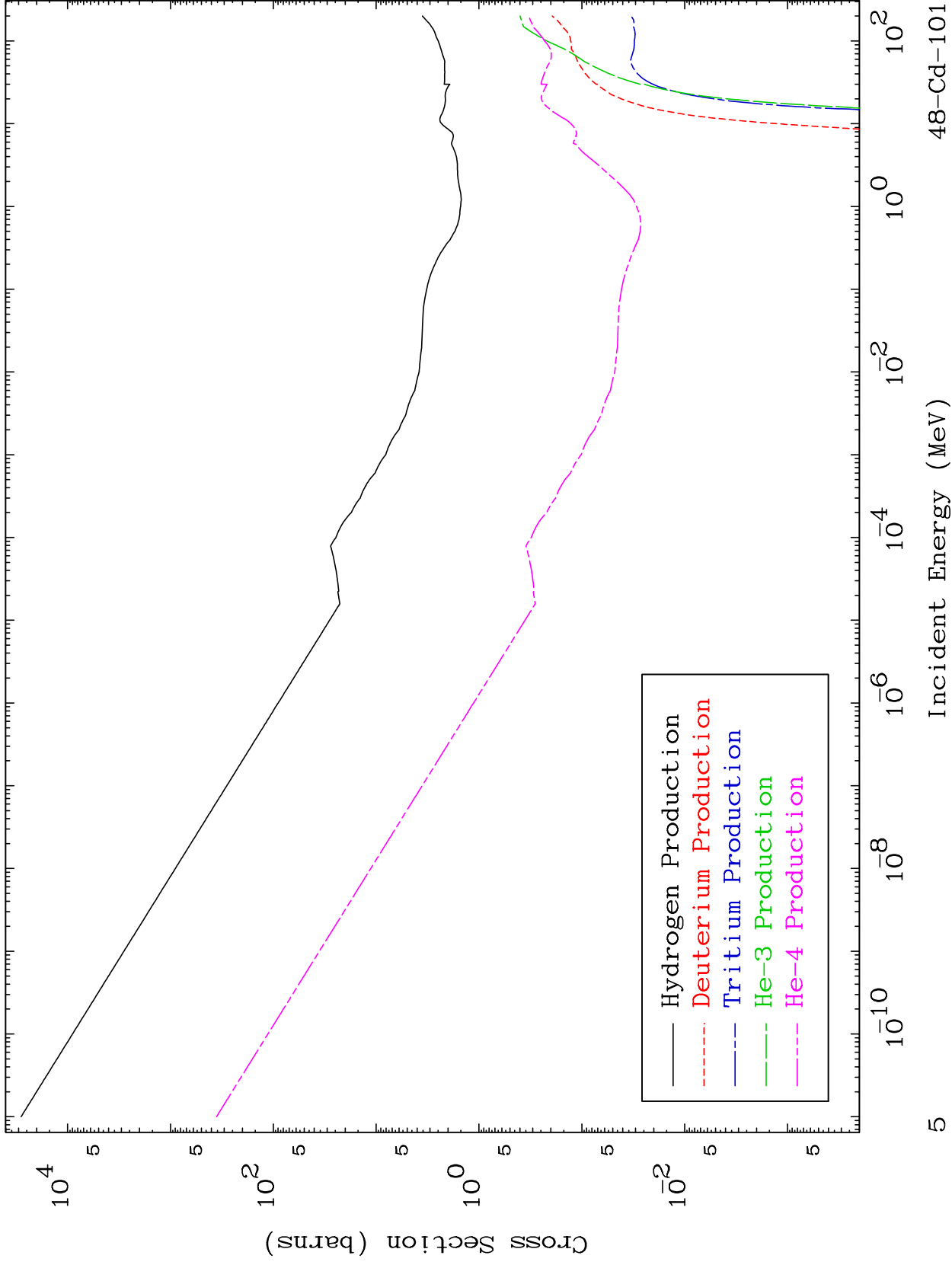
48-Cd-101



MAT 4810

Particle Production  
293 Kelvin Cross Sections

48-Cd-101

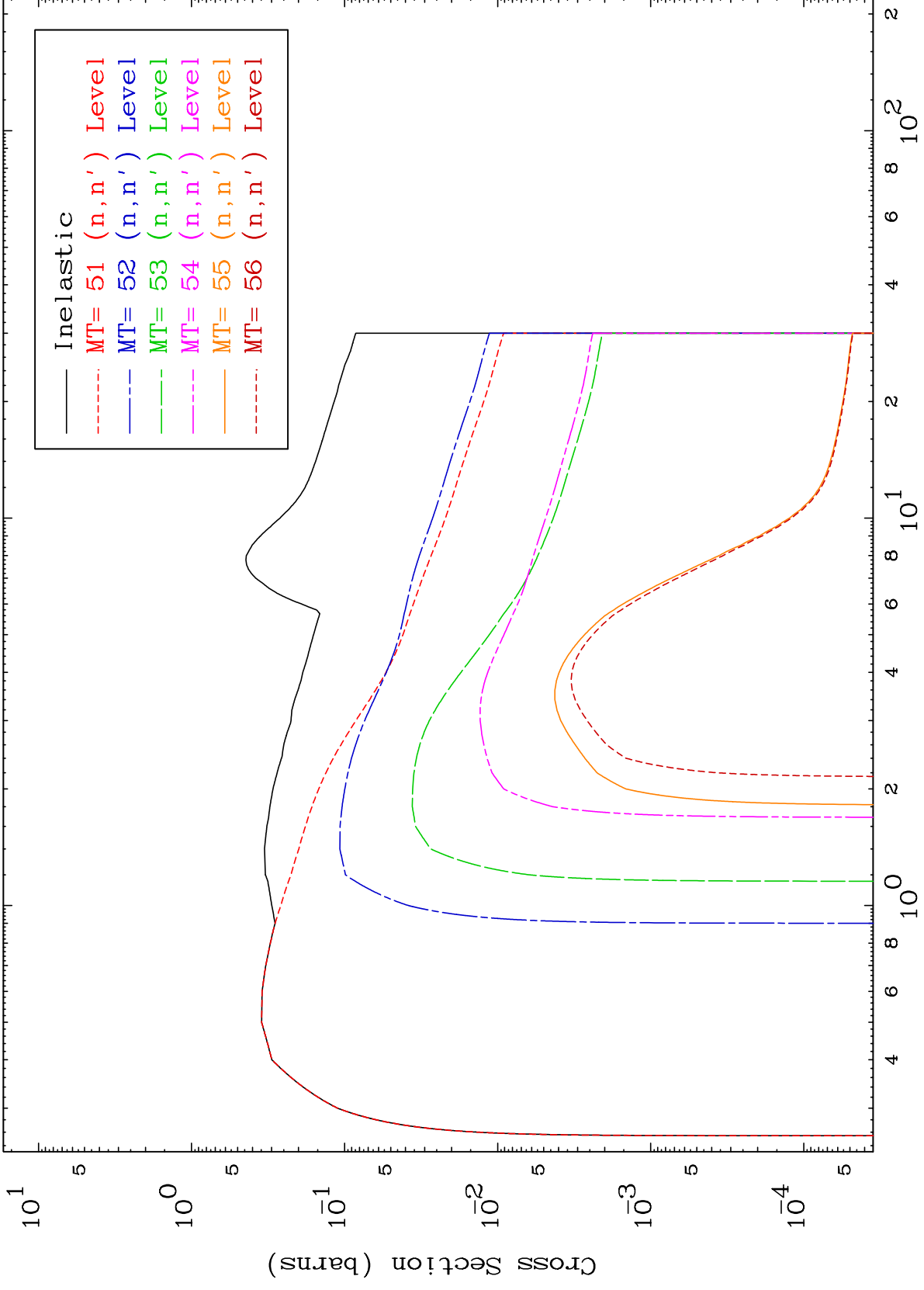


MAT 4810

(n,n') Level

48-Cd-101

293 Kelvin Cross Sections



6

Incident Energy (MeV)

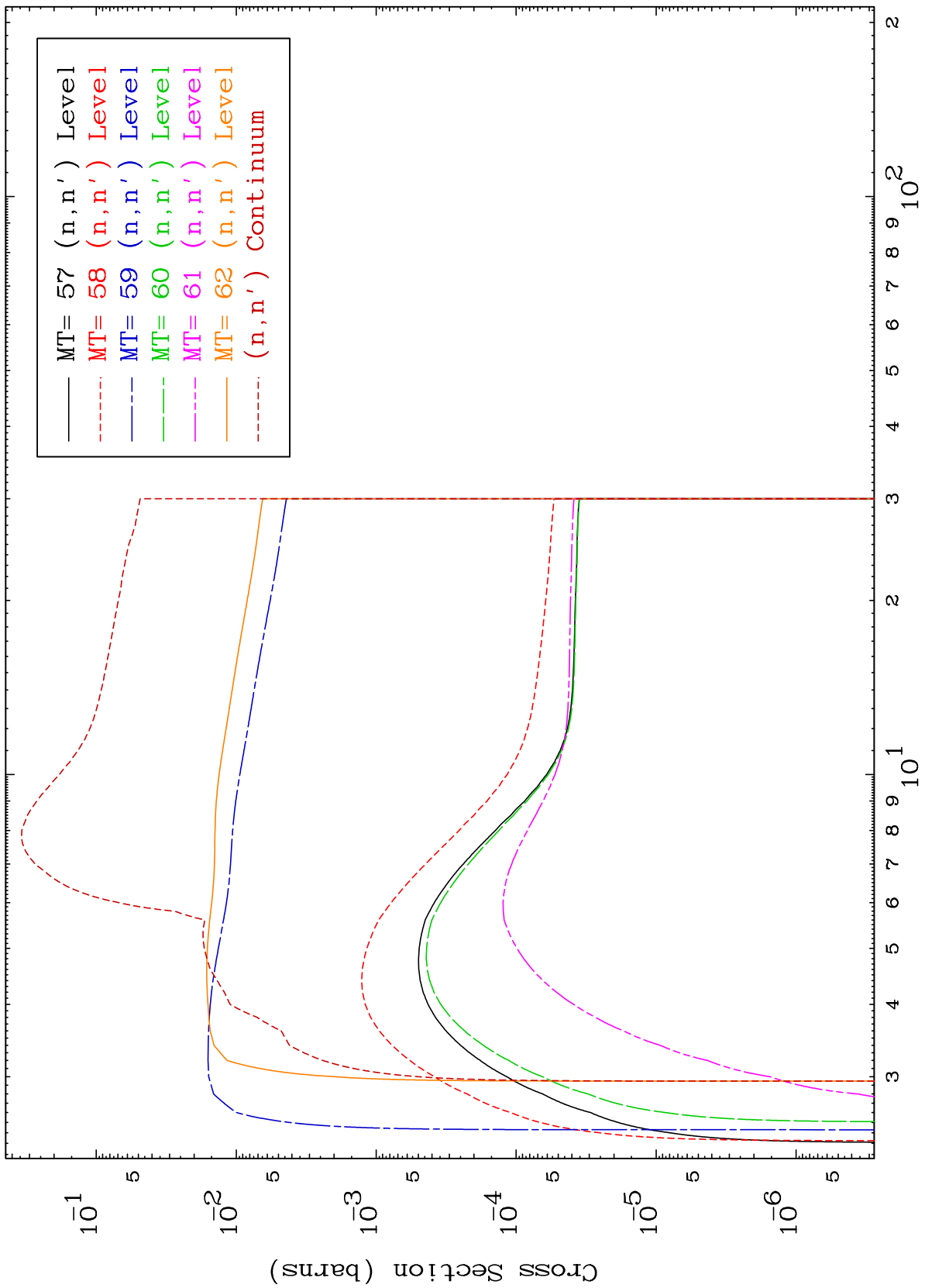
48-Cd-101

MAT 4810

(n,n') Level

48-Cd-101

293 Kelvin Cross Sections

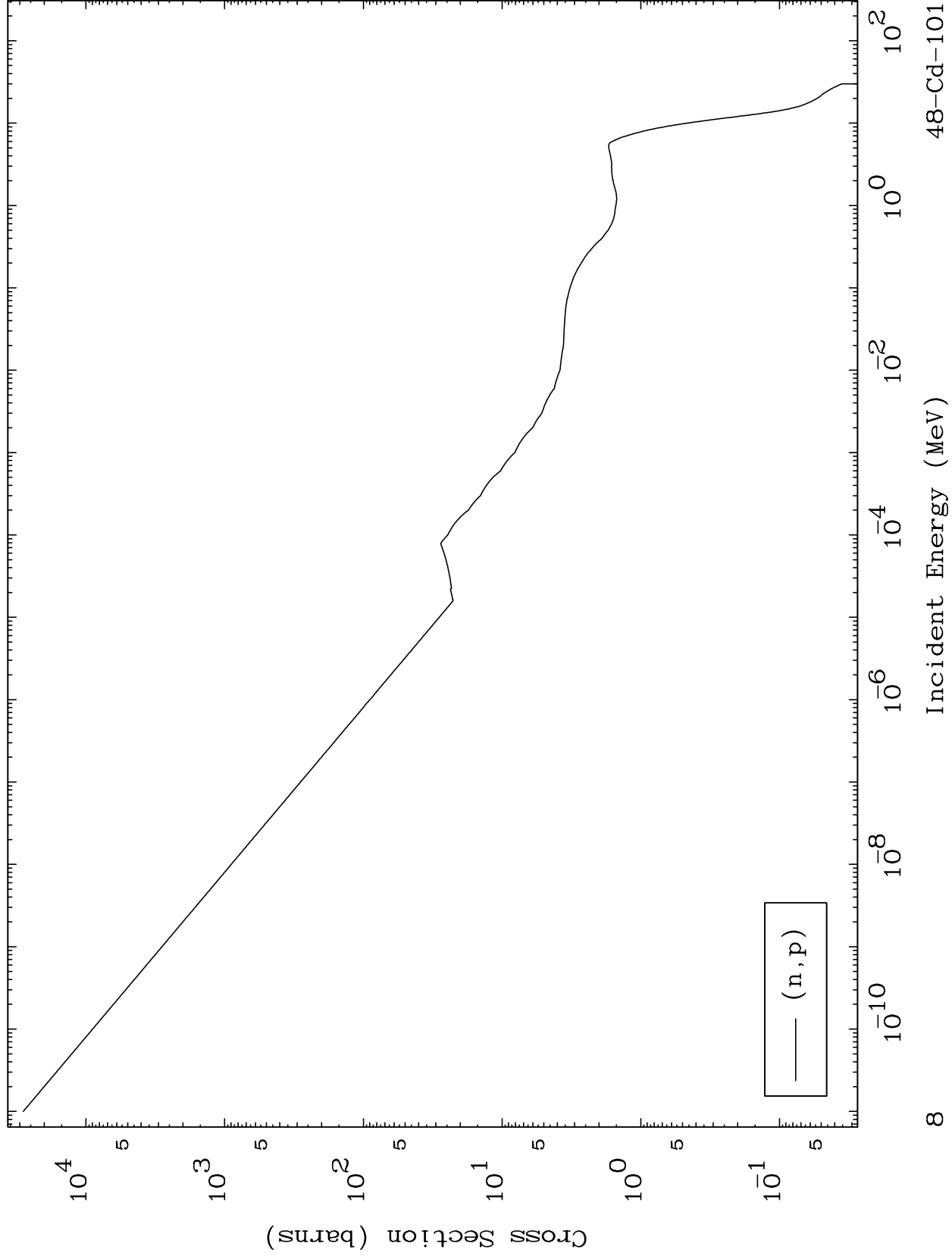




MAT 4810

(n,p) Levels  
293 Kelvin Cross Sections

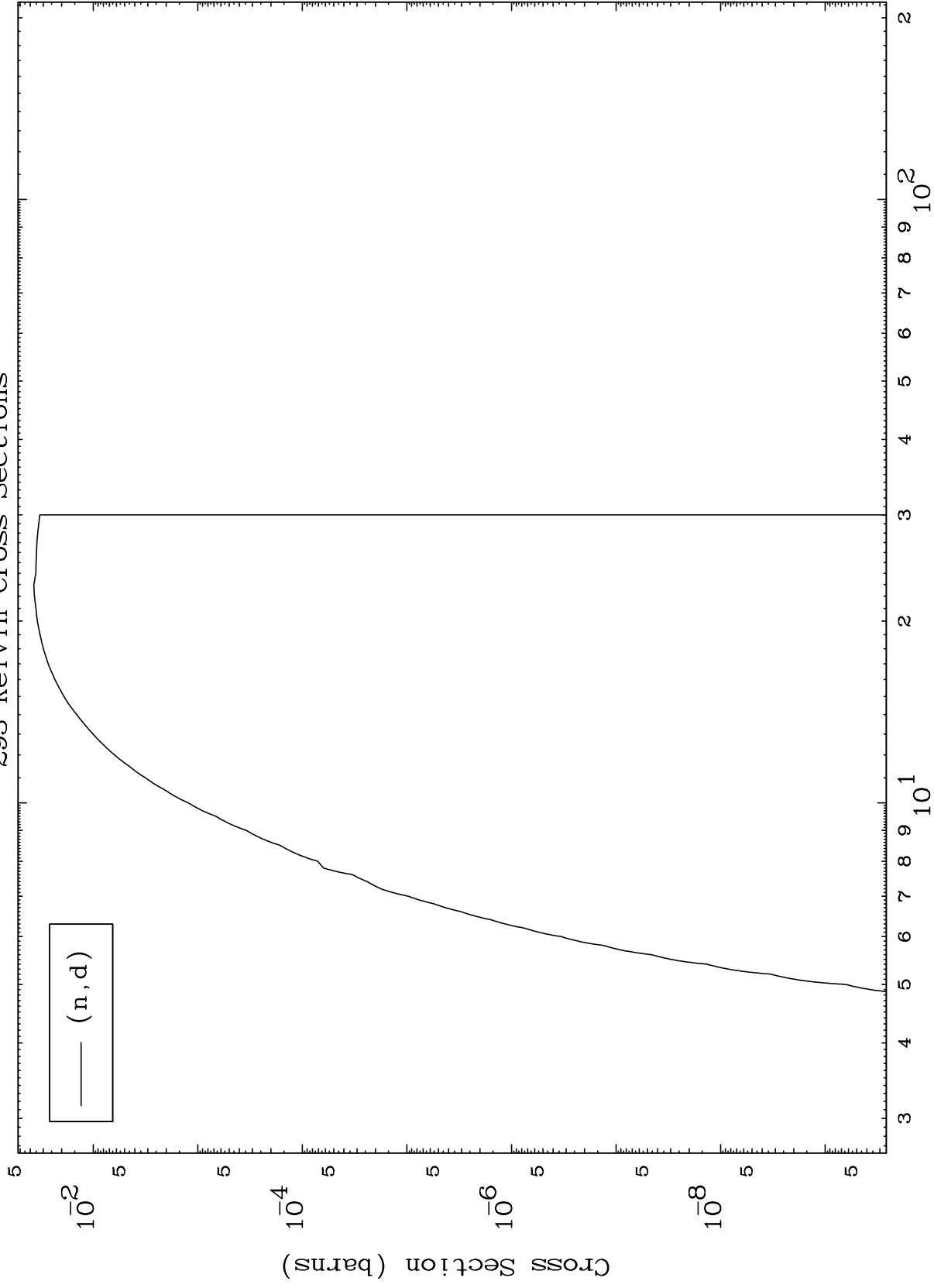
48-Cd-101



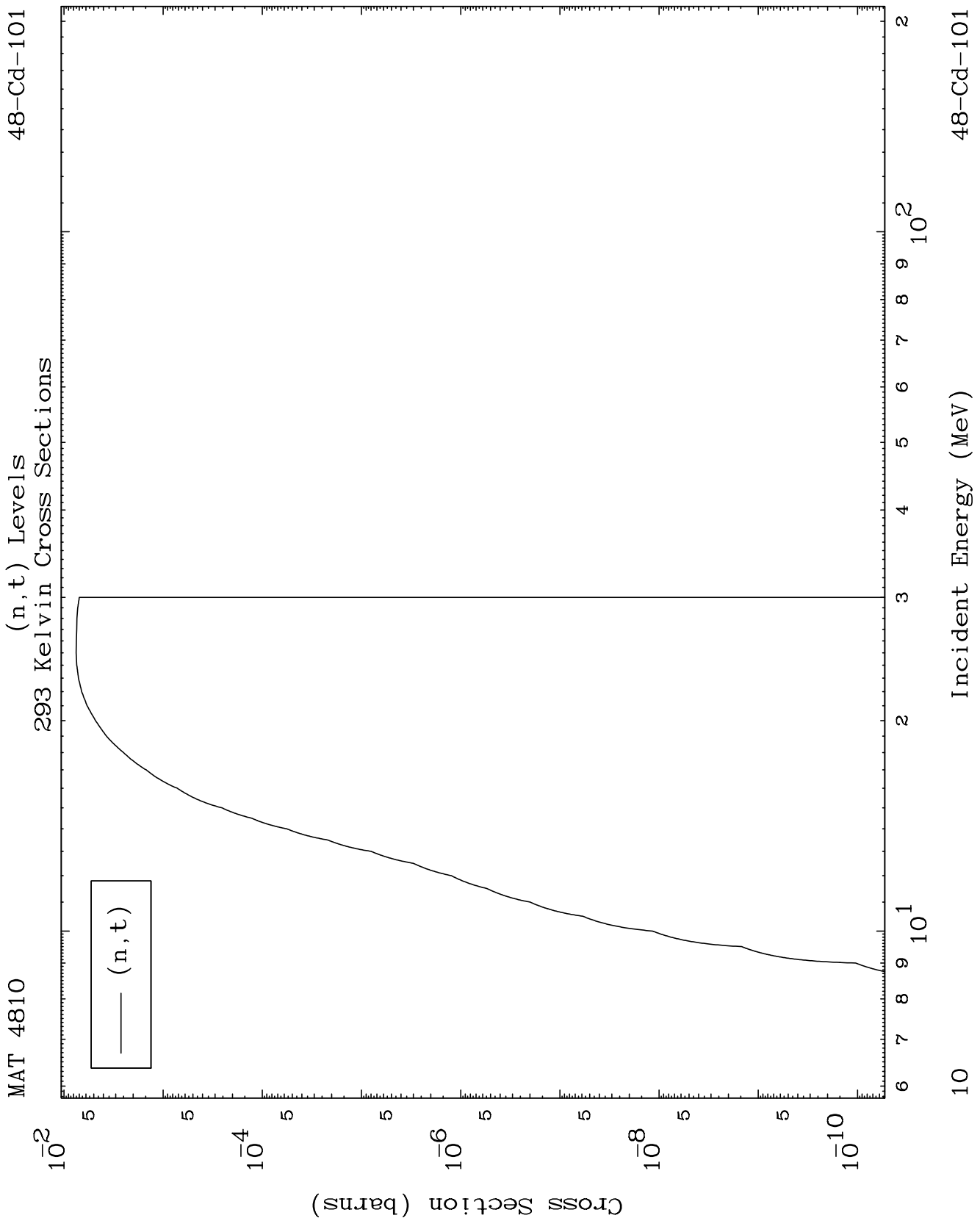
MAT 4810

(n,d) Levels  
293 Kelvin Cross Sections

48-Cd-101



(n,d)

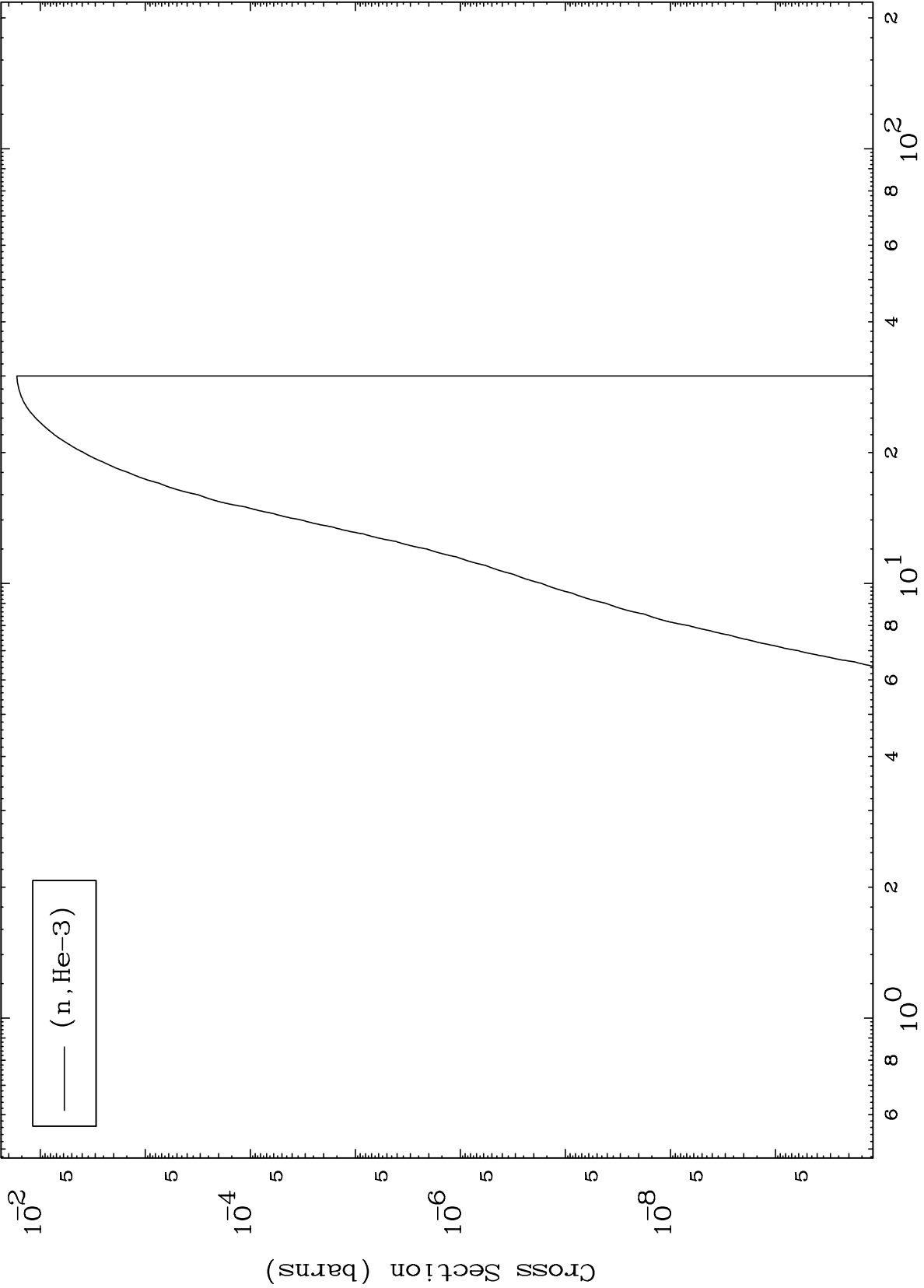


MAT 4810

(n,He3) Levels

48-Cd-101

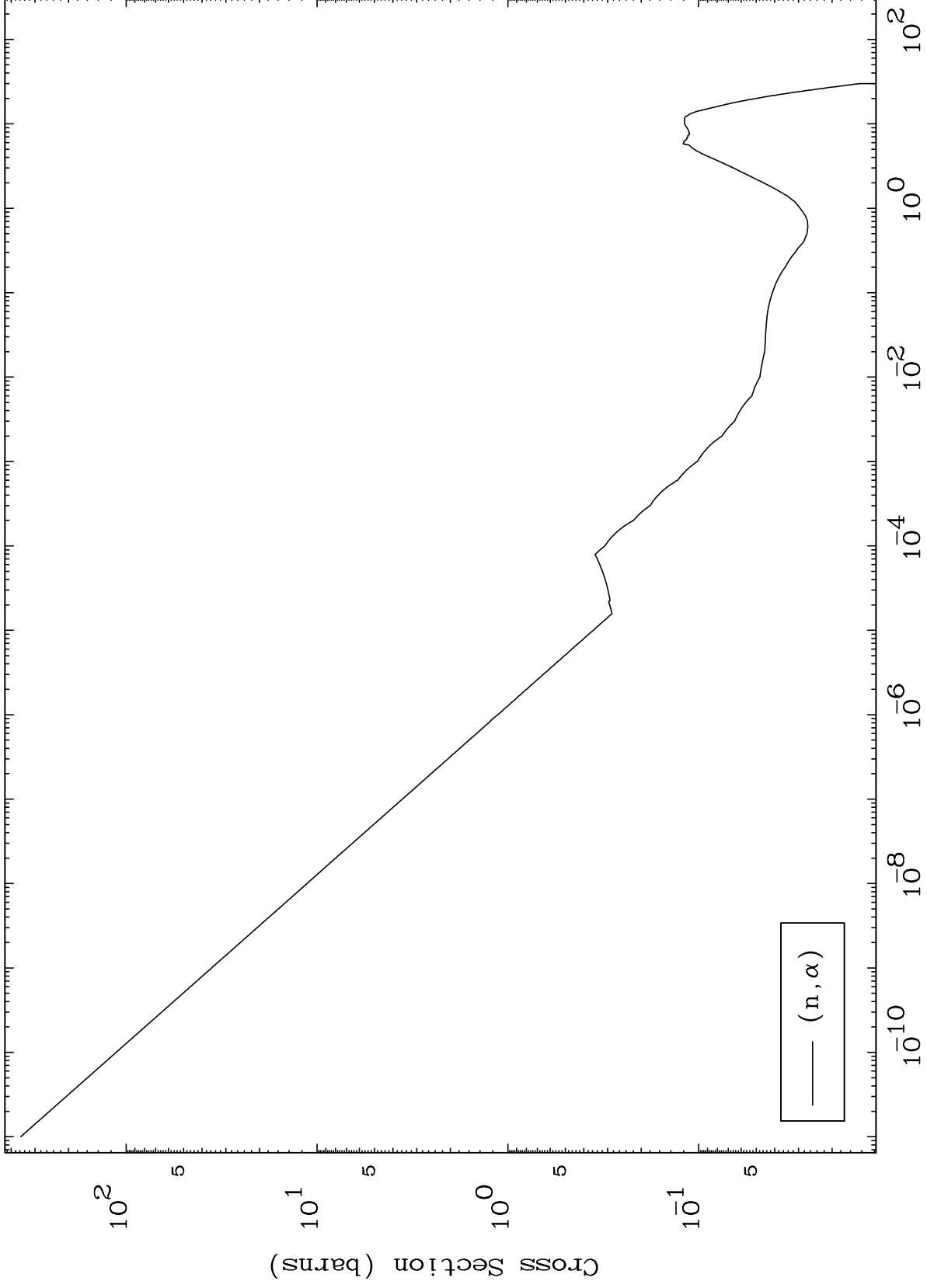
293 Kelvin Cross Sections



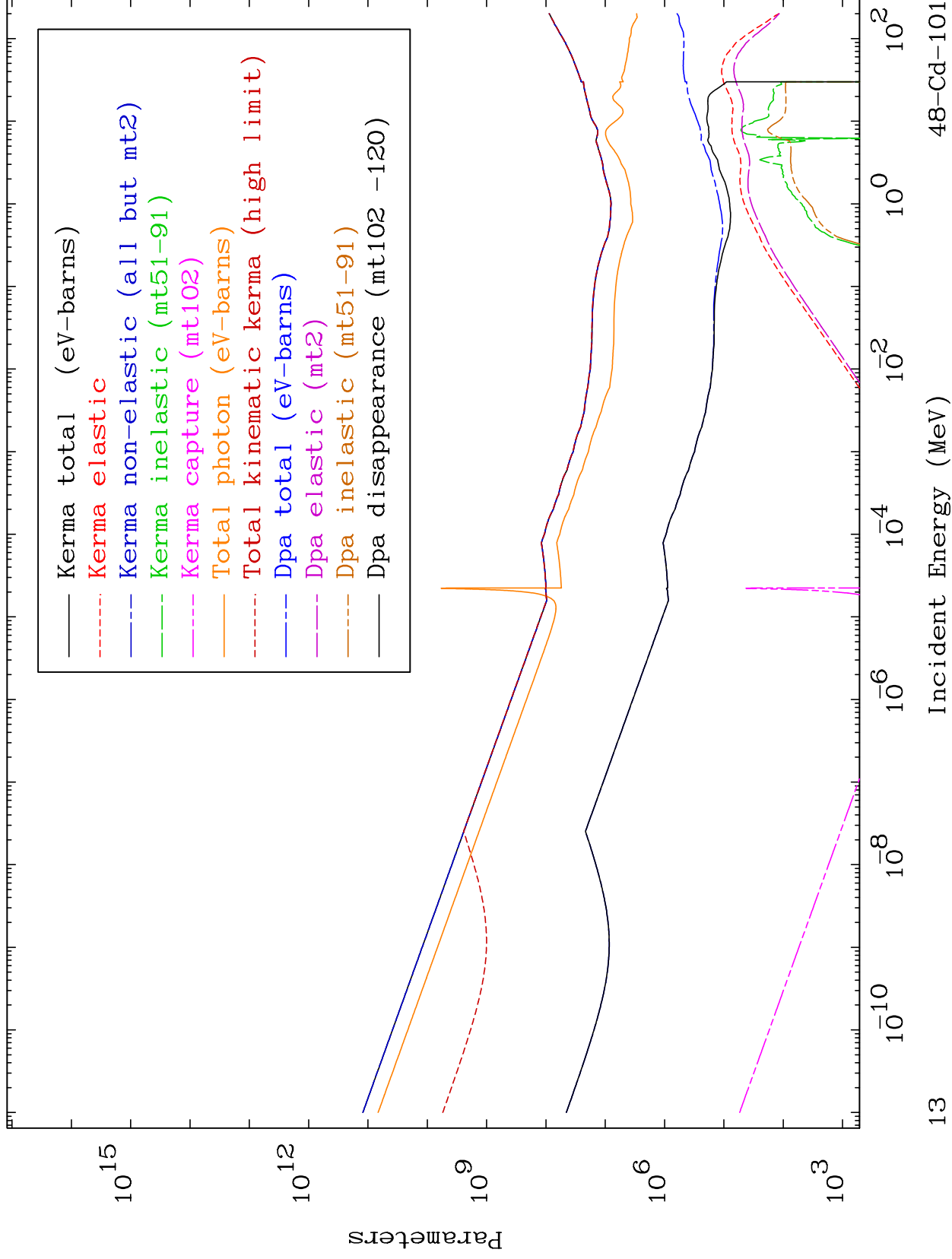
MAT 4810

(n,α) Levels  
293 Kelvin Cross Sections

48-Cd-101



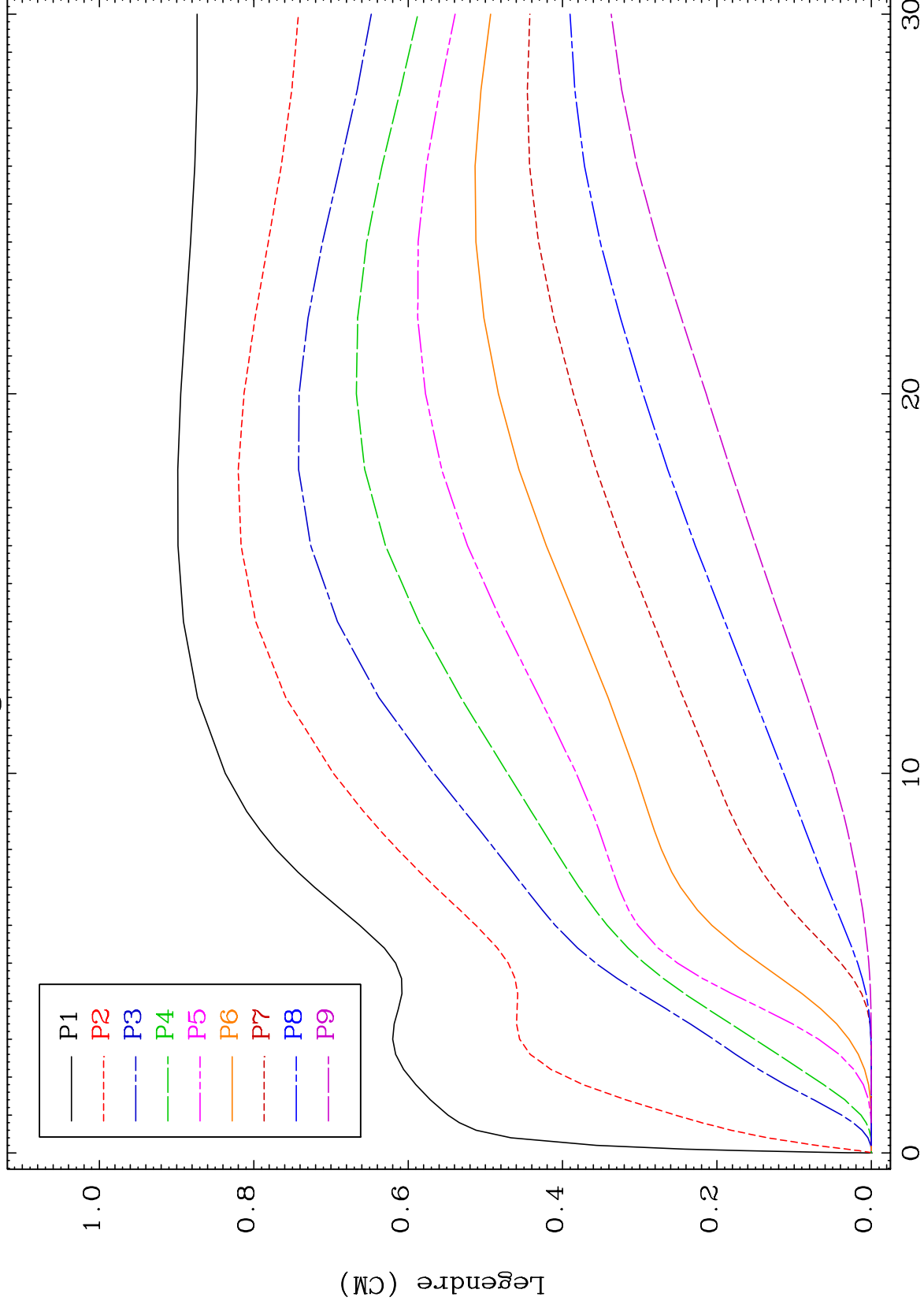
(n,α)



MAT 4810

Elastic Legendre Coefficients

48-Cd-101



14

Incident Energy (MeV)

48-Cd-101

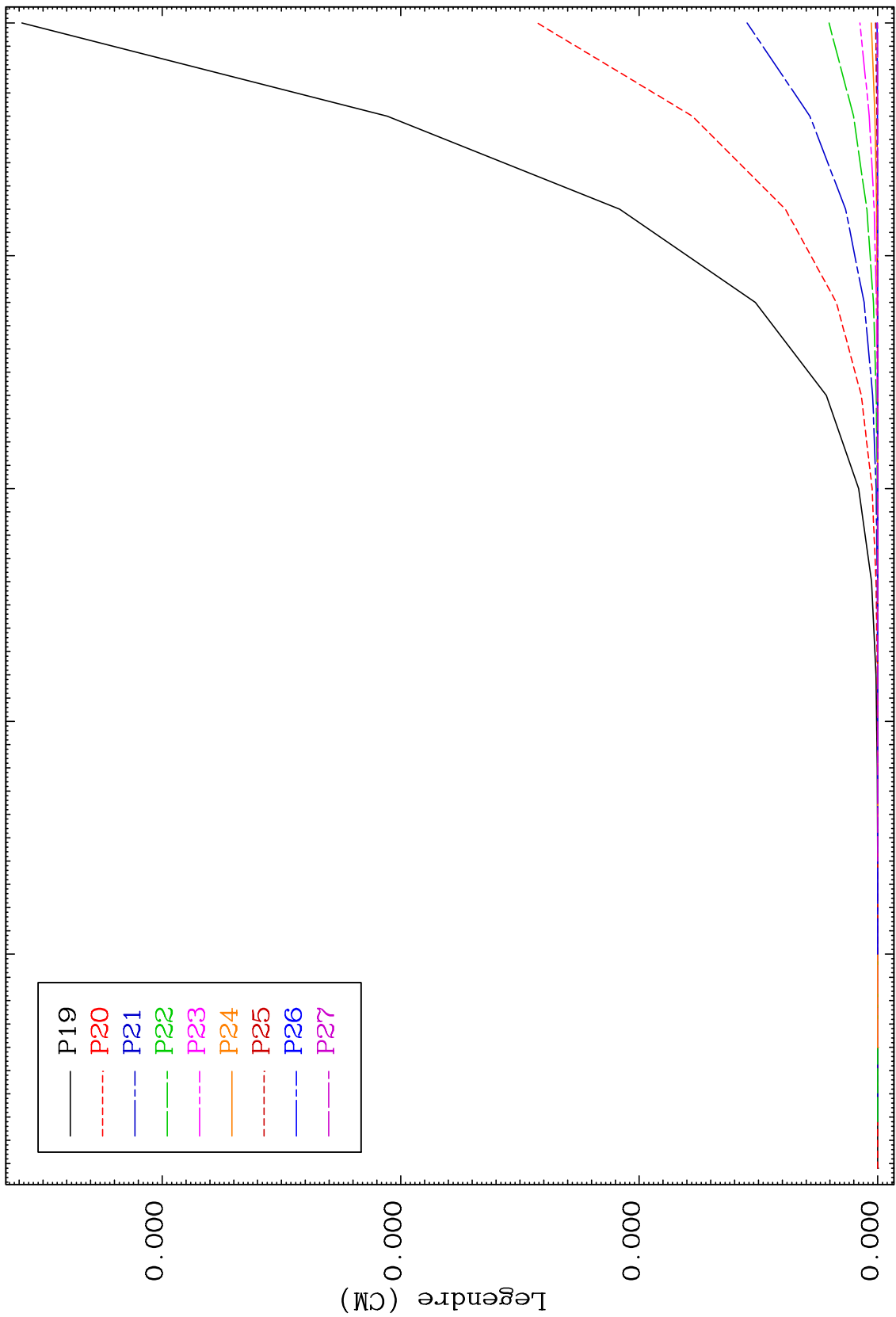




MAT 4810

Elastic Legendre Coefficients

48-Cd-101



16

Incident Energy (MeV)

48-Cd-101

MAT 4810

Elastic Legendre Coefficients

48-Cd-101

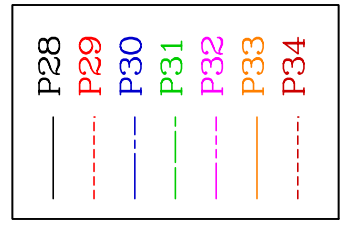
$\times 10^{-7}$   
0.5

Legendre (CM)

0.0

-0.5

-1.0



15

20

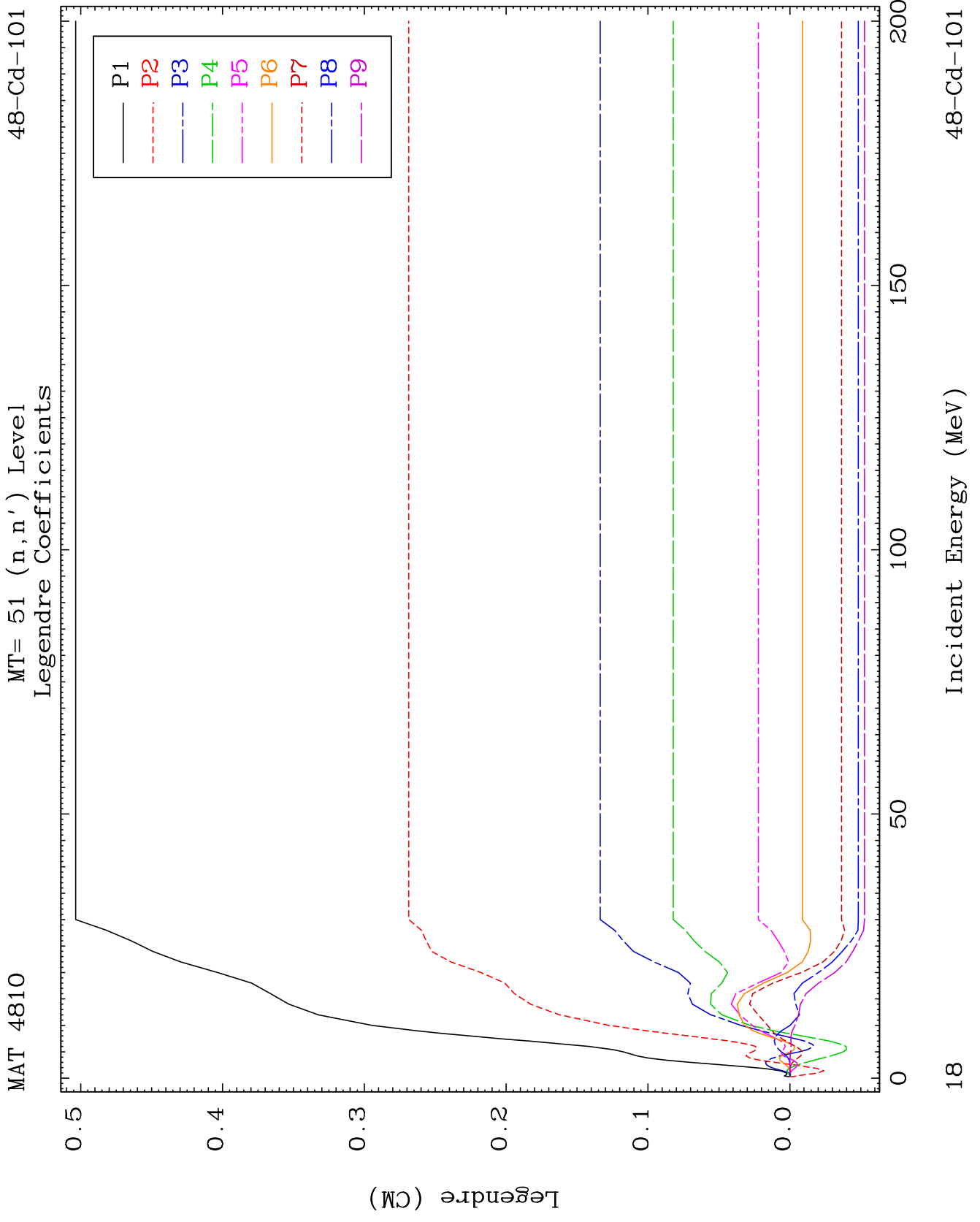
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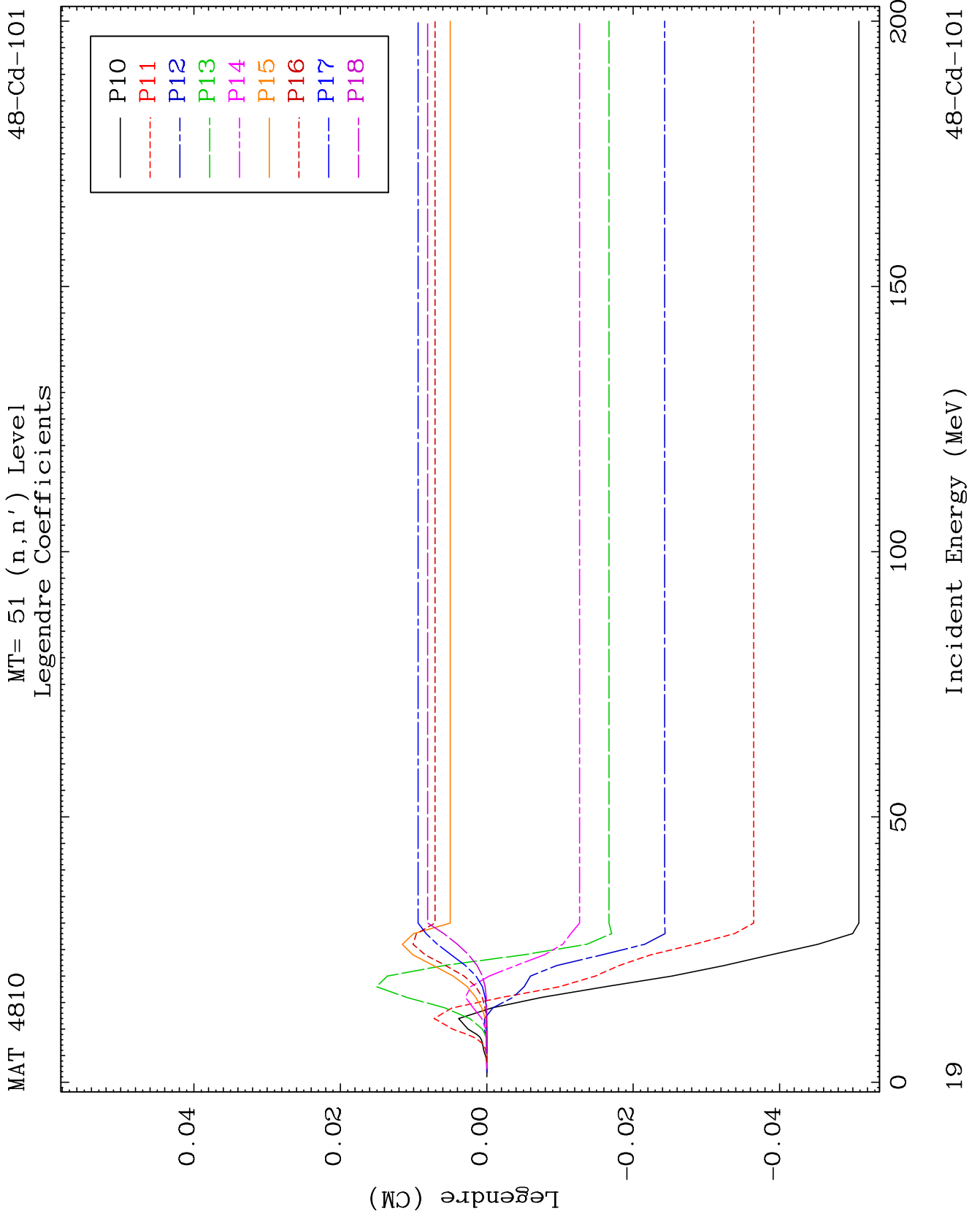
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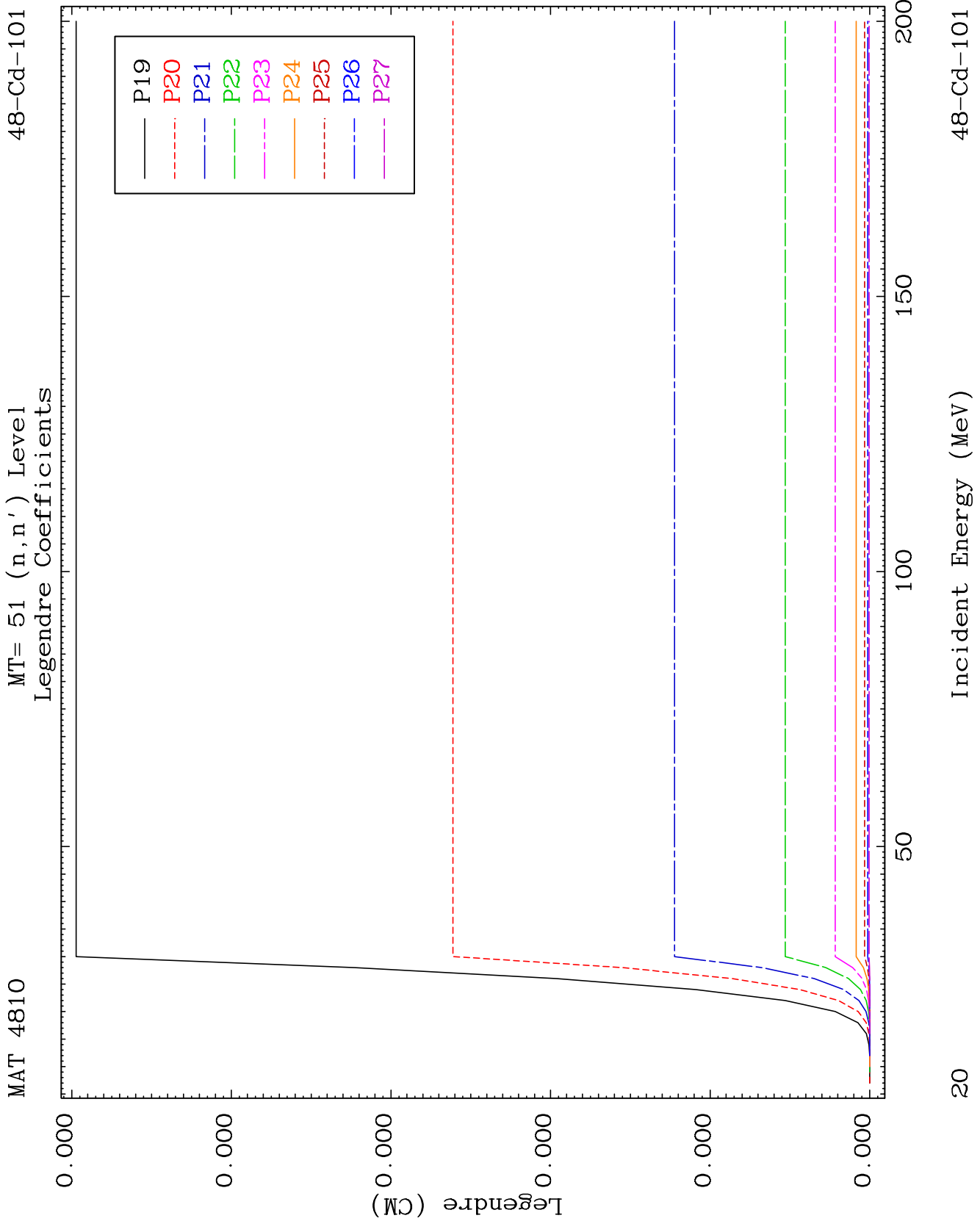
17

Incident Energy (MeV)

48-Cd-101



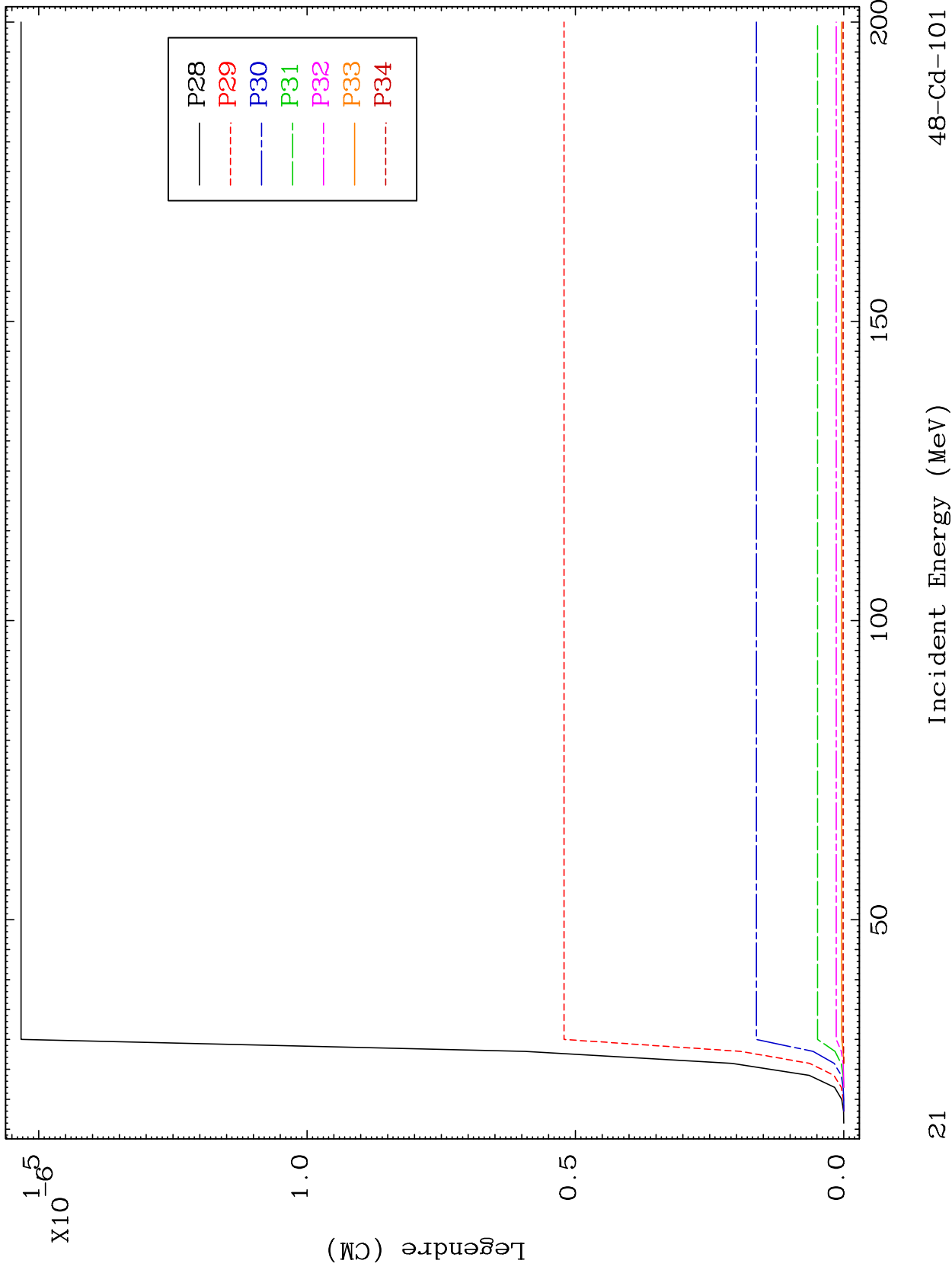




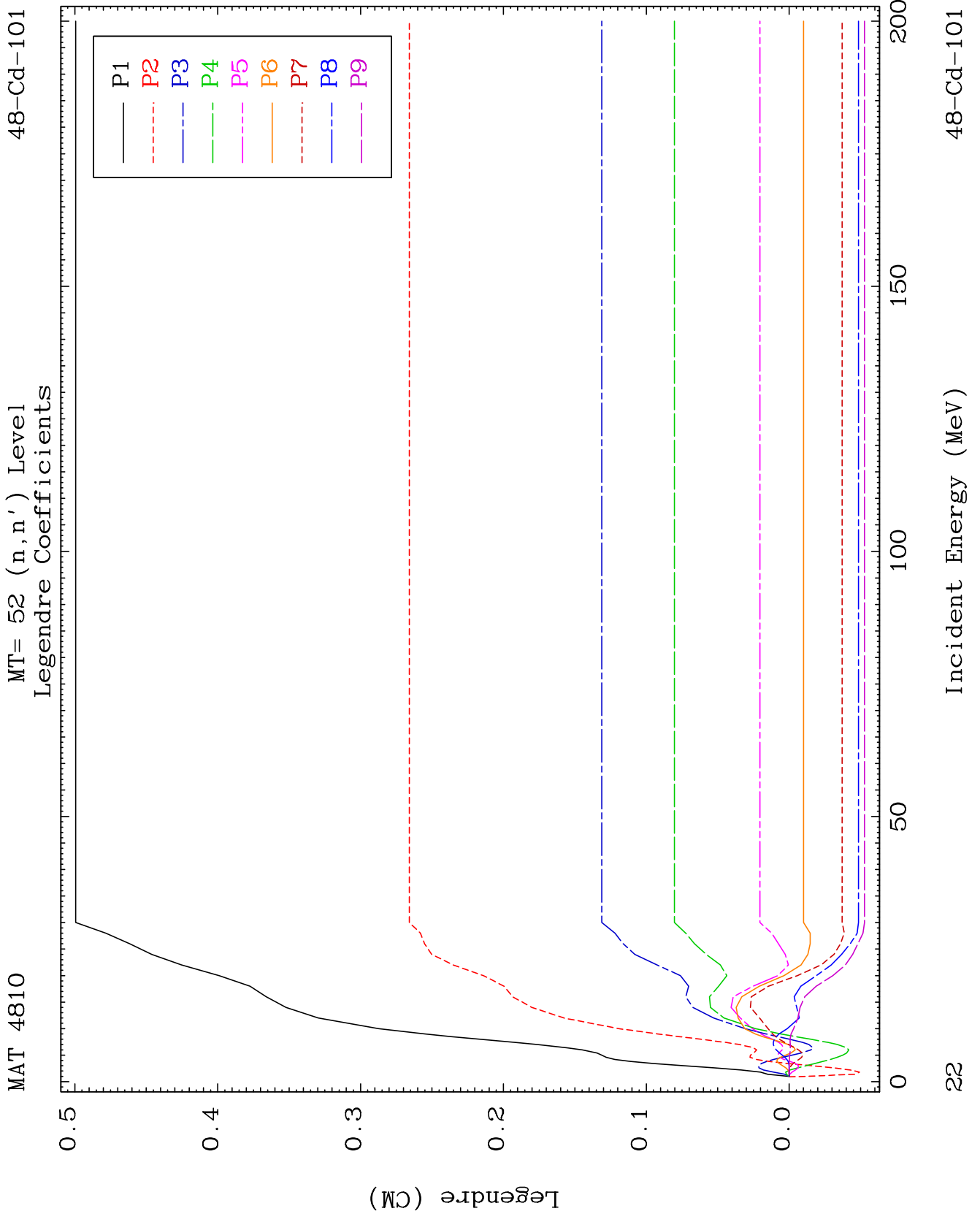
MAT 4810

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

48-Cd-101



21



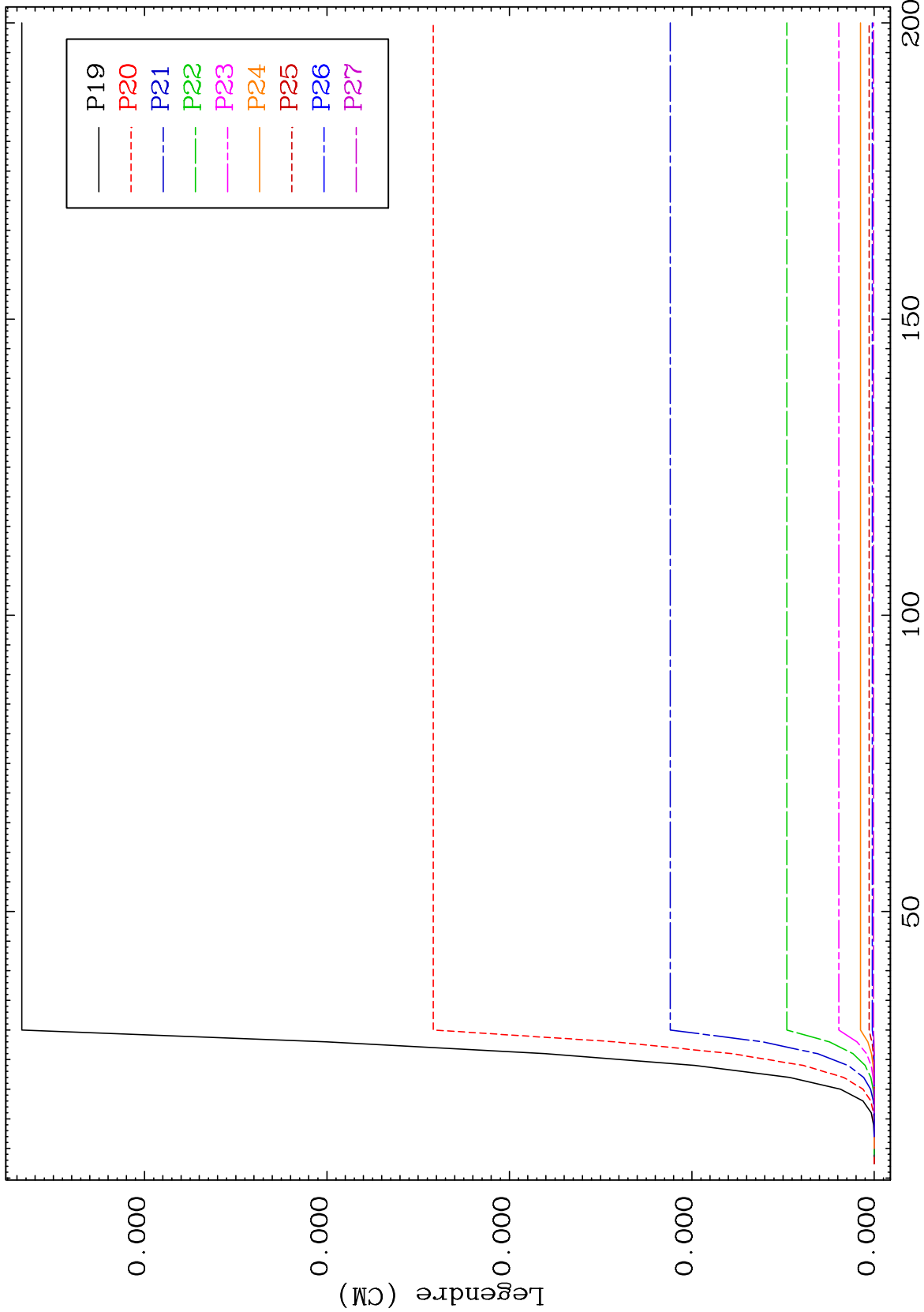




MAT 4810

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

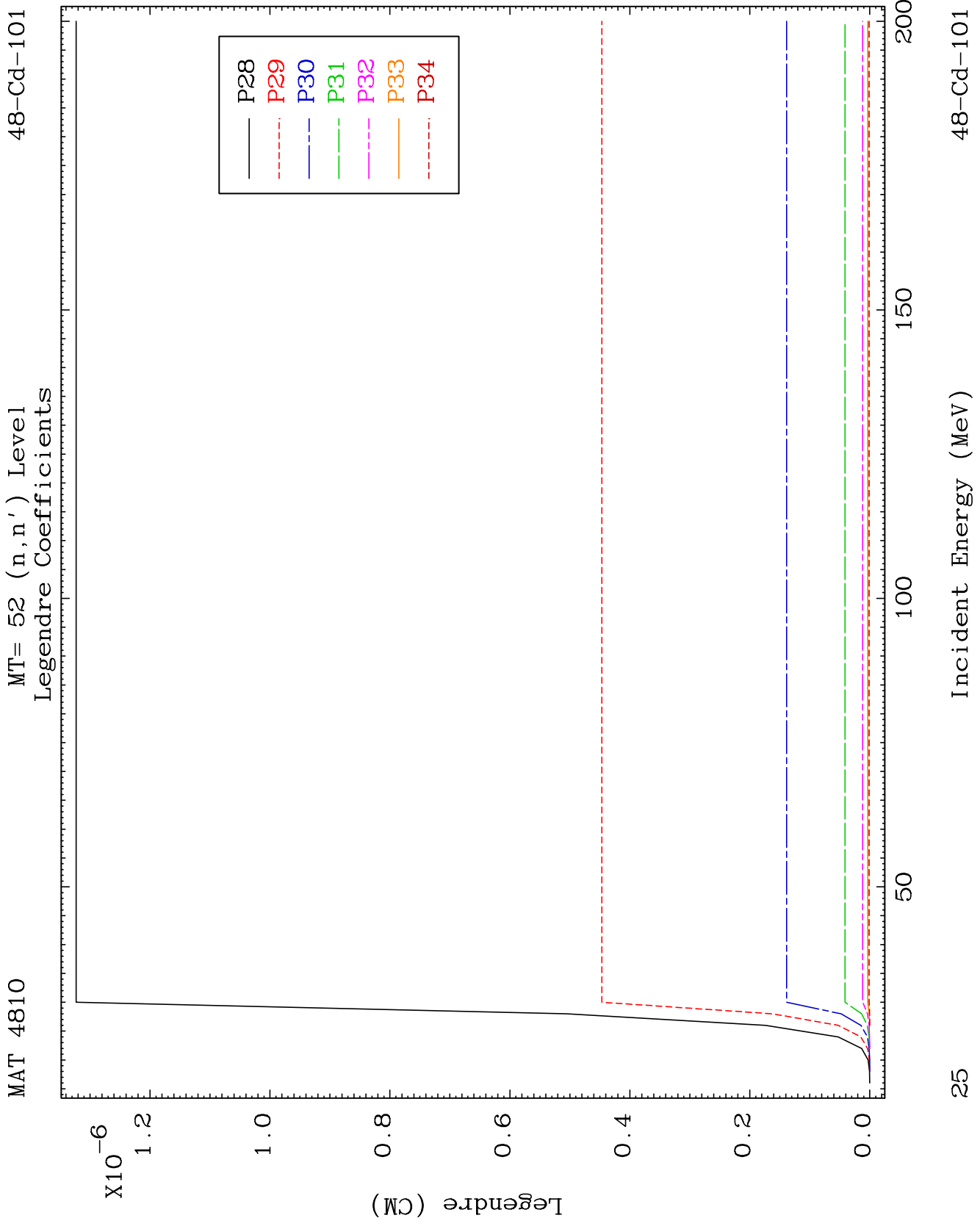
48-Cd-101



24

Incident Energy (MeV)

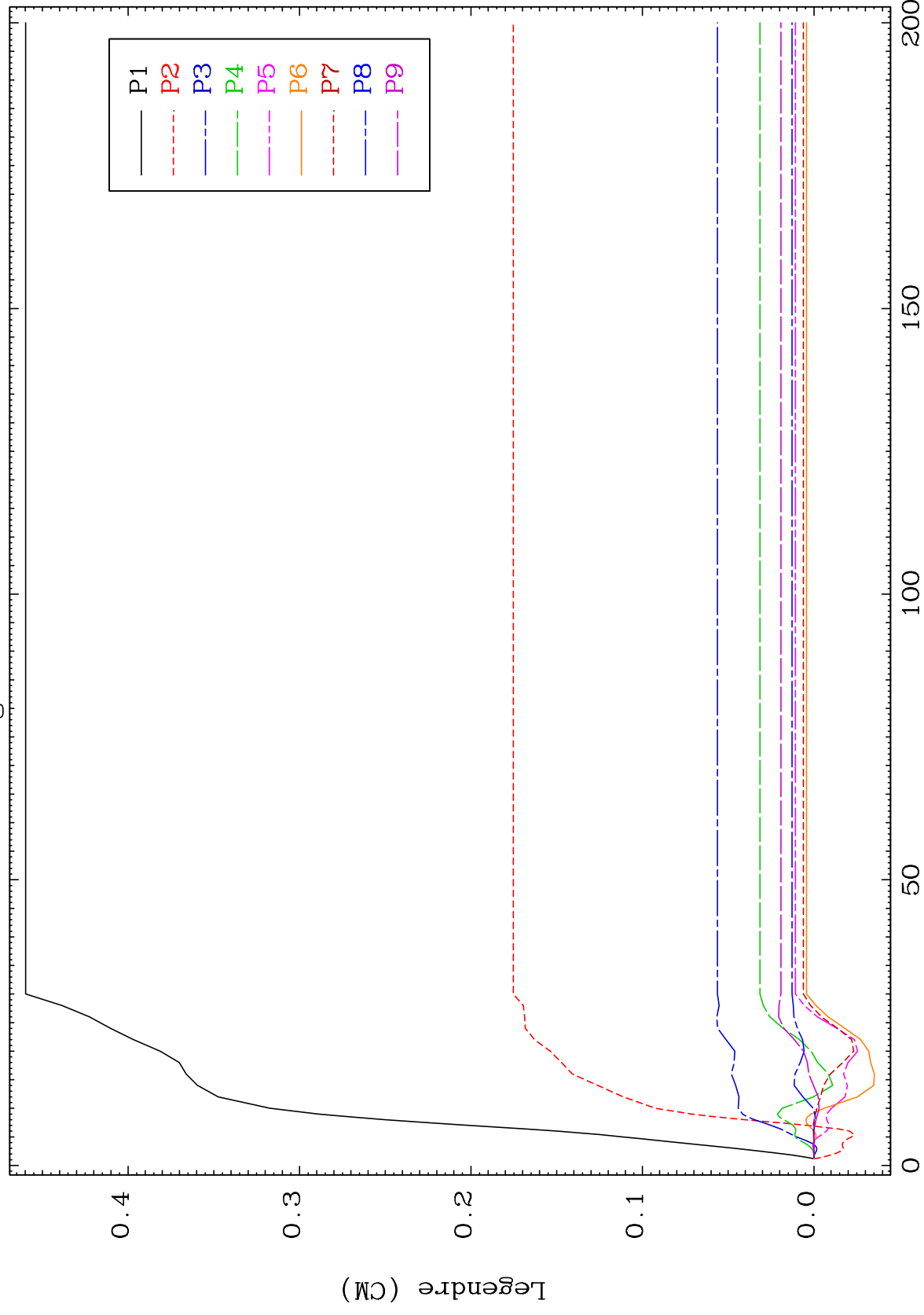
48-Cd-101



MAT 4810

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

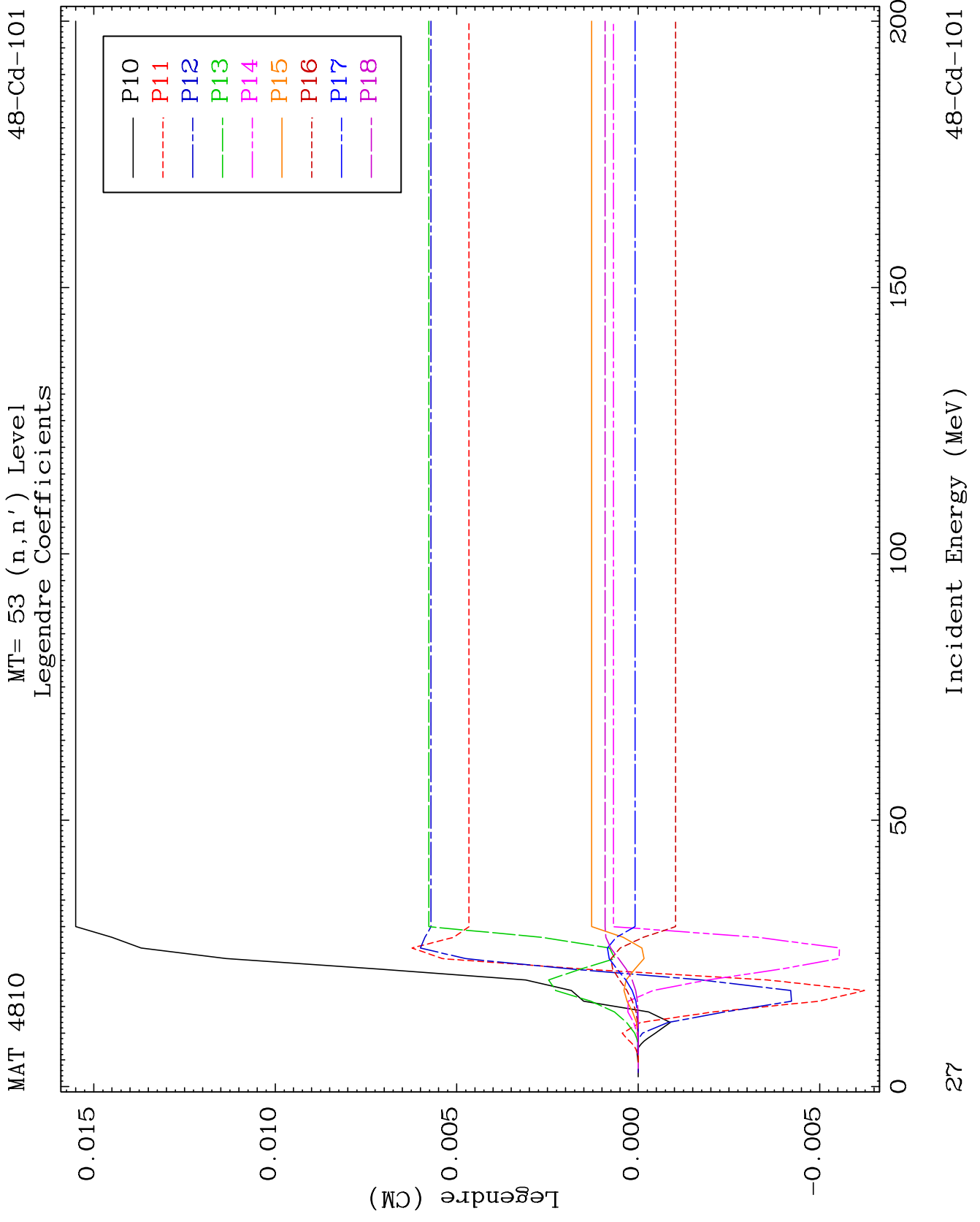
48-Cd-101



26

Incident Energy (MeV)

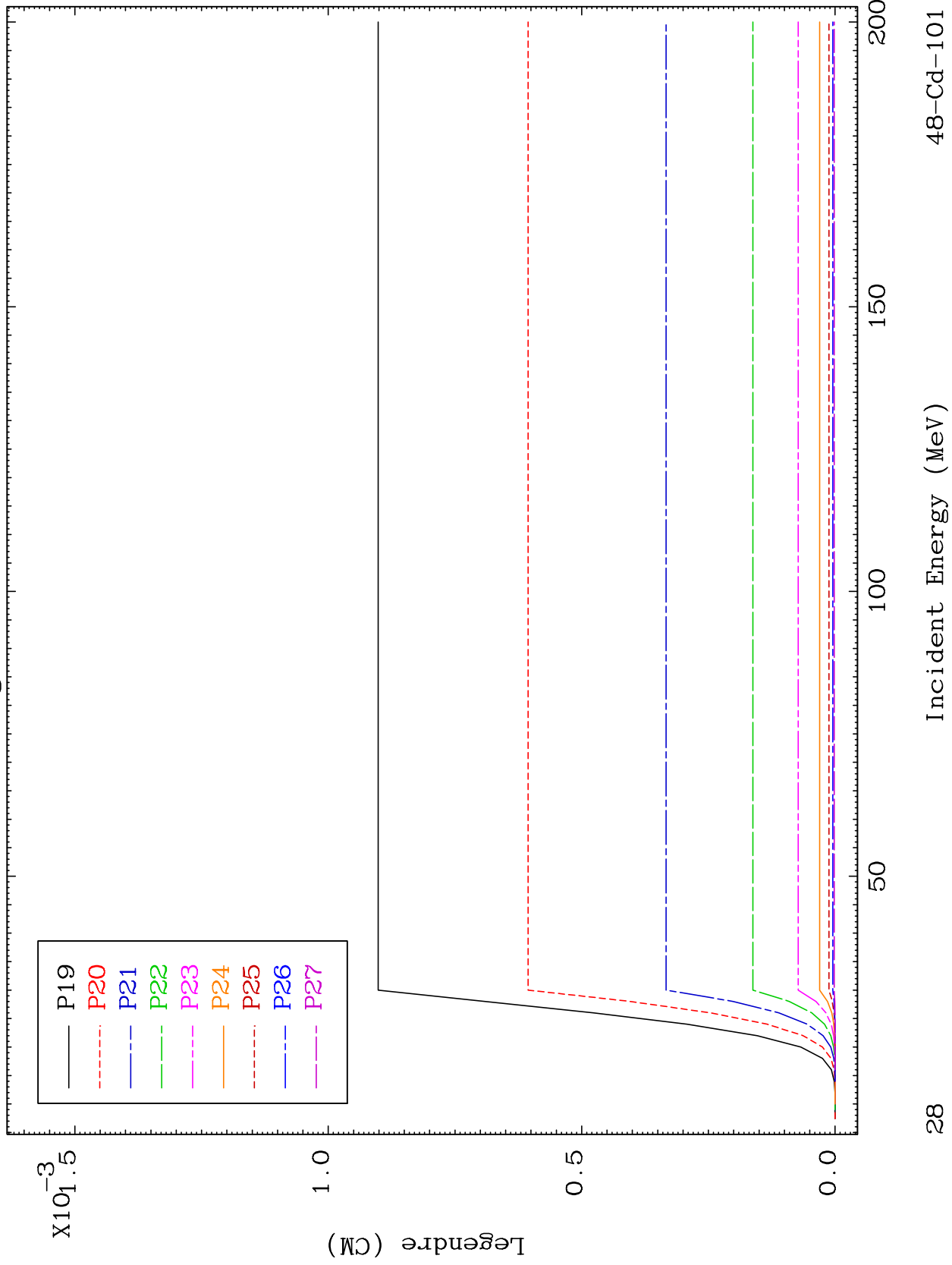
48-Cd-101



MAT 4810

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

48-Cd-101



28

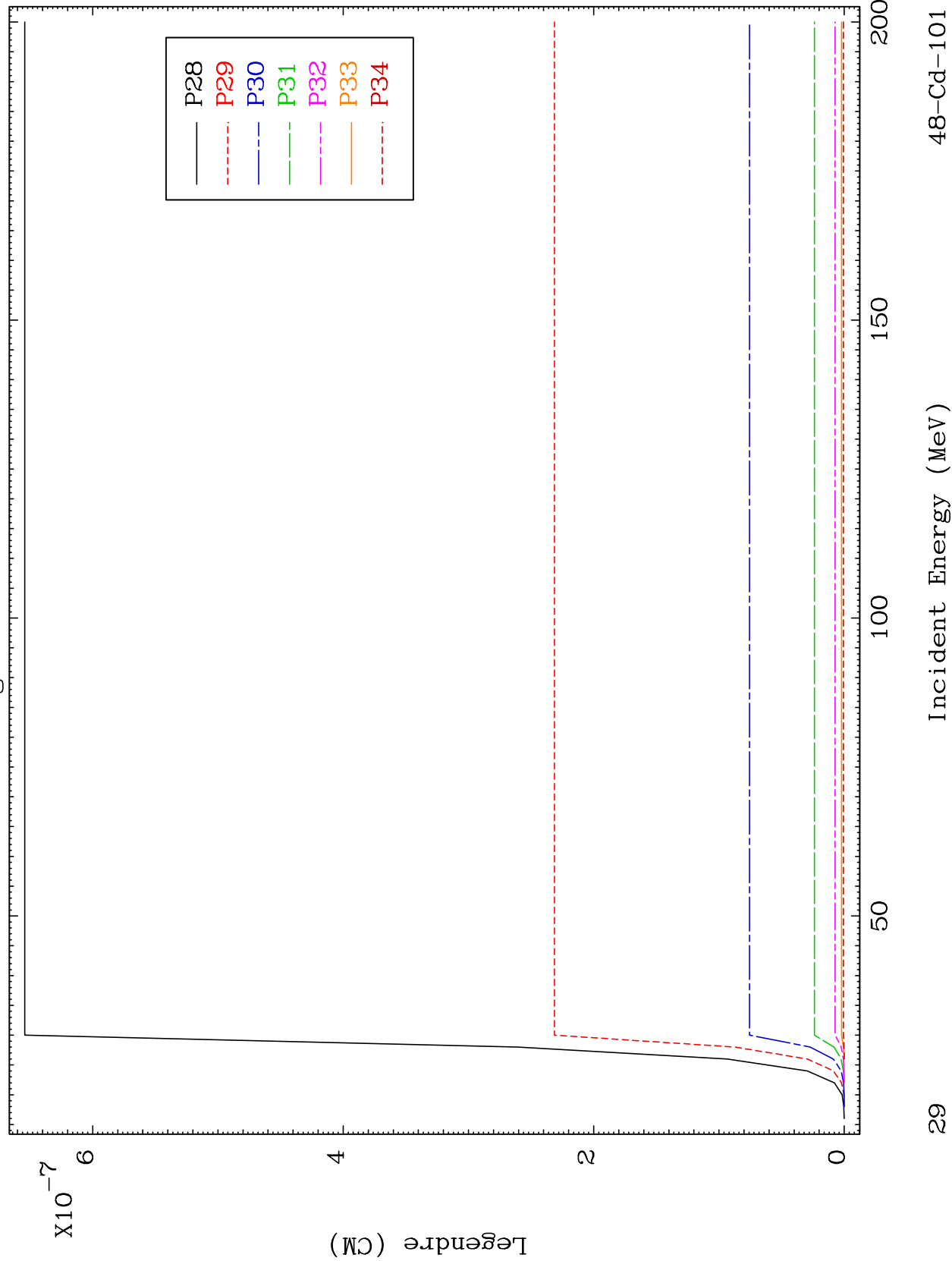
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

48-Cd-101

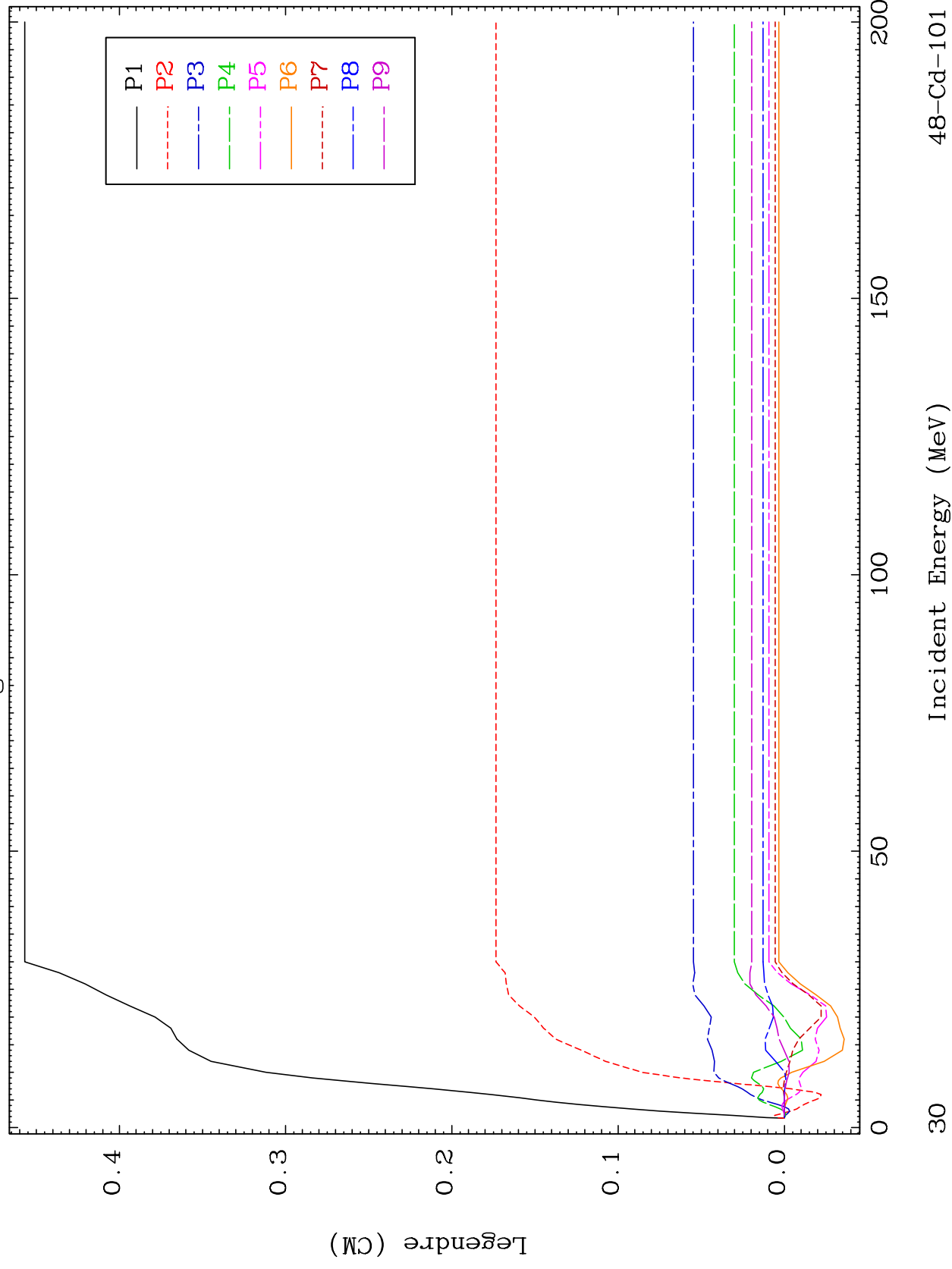


29

MAT 4810

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

48-Cd-101



48-Cd-101

Incident Energy (MeV)

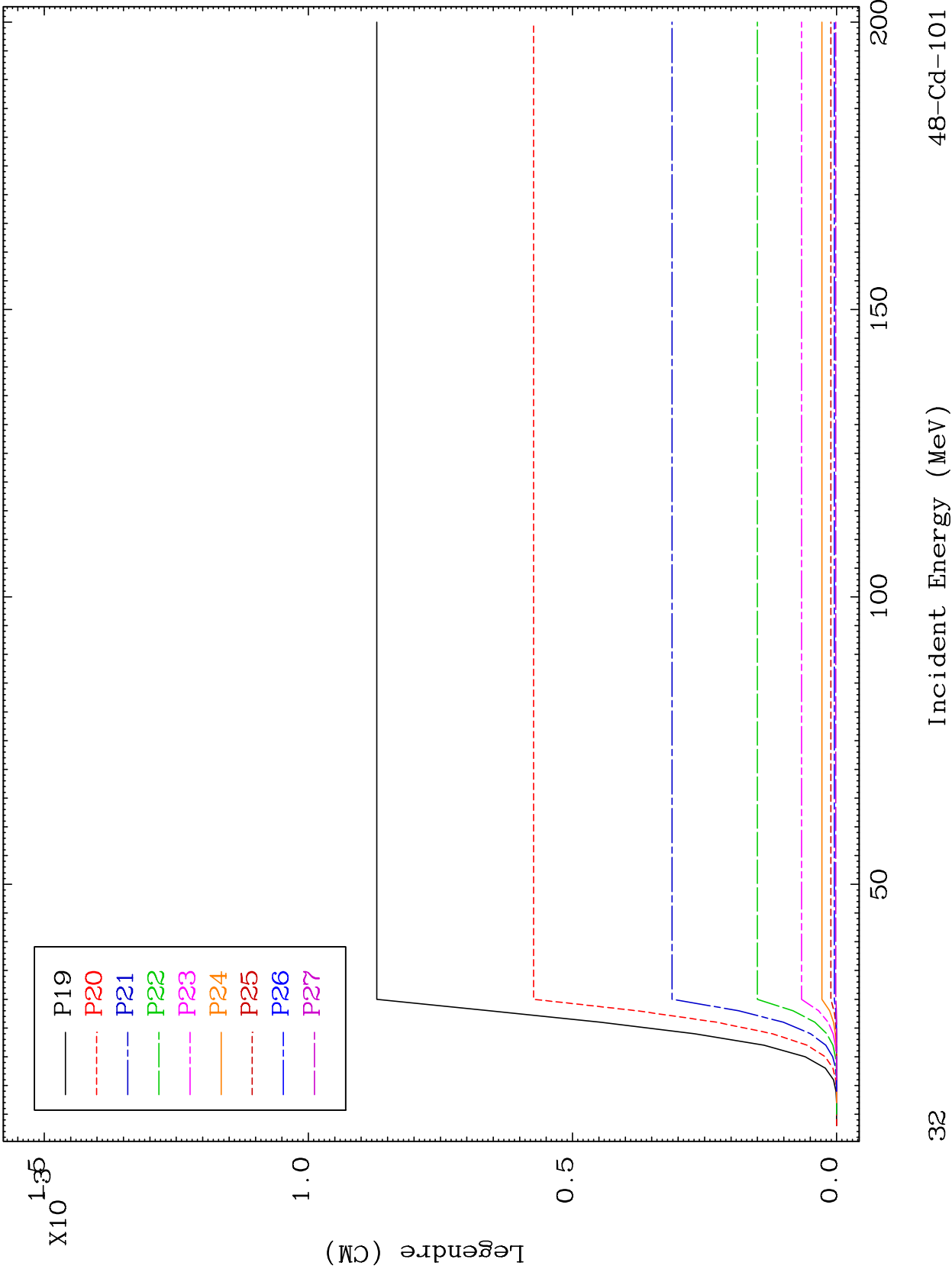




MAT 4810

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

48-Cd-101



32

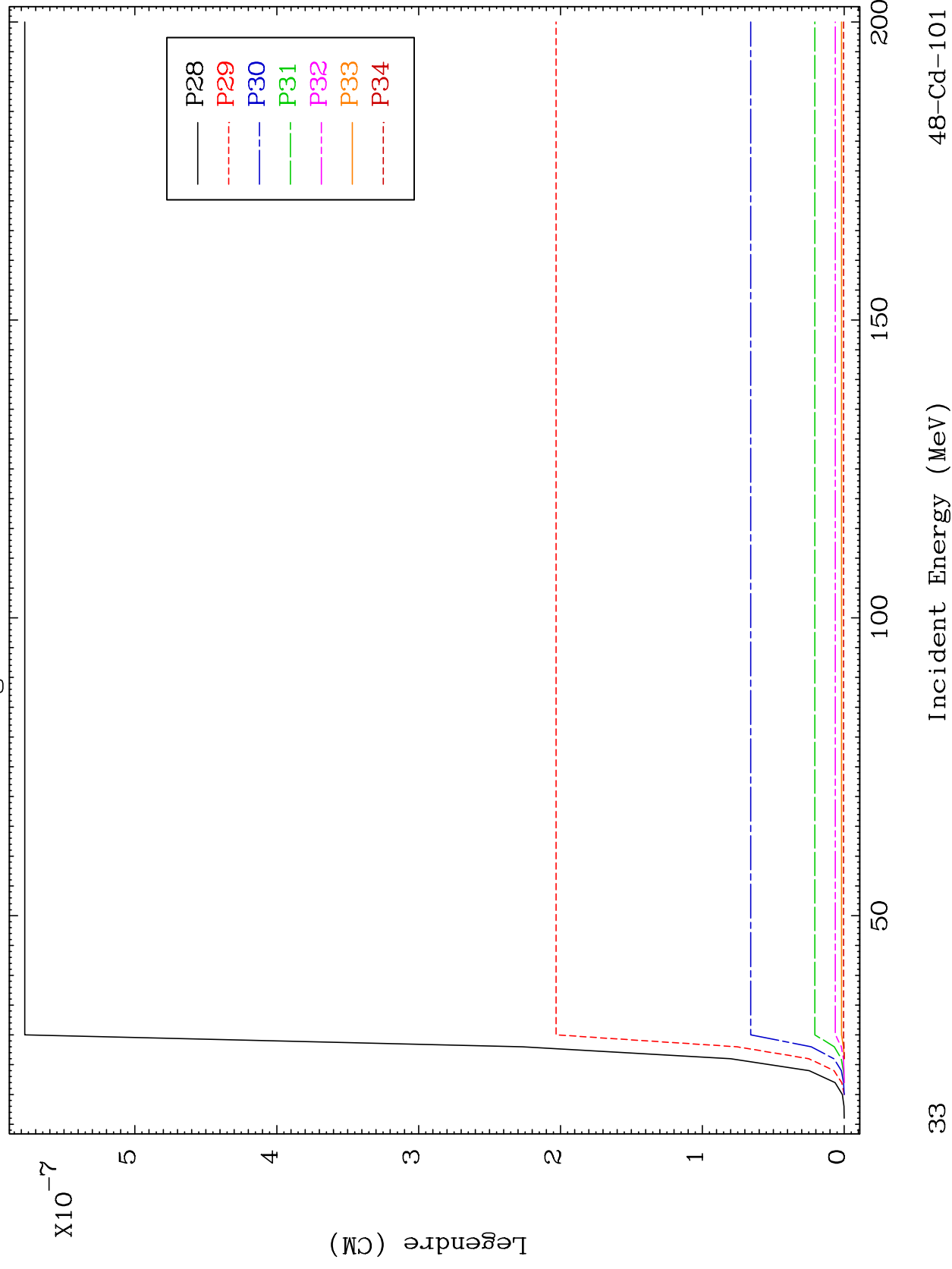
Incident Energy (MeV)

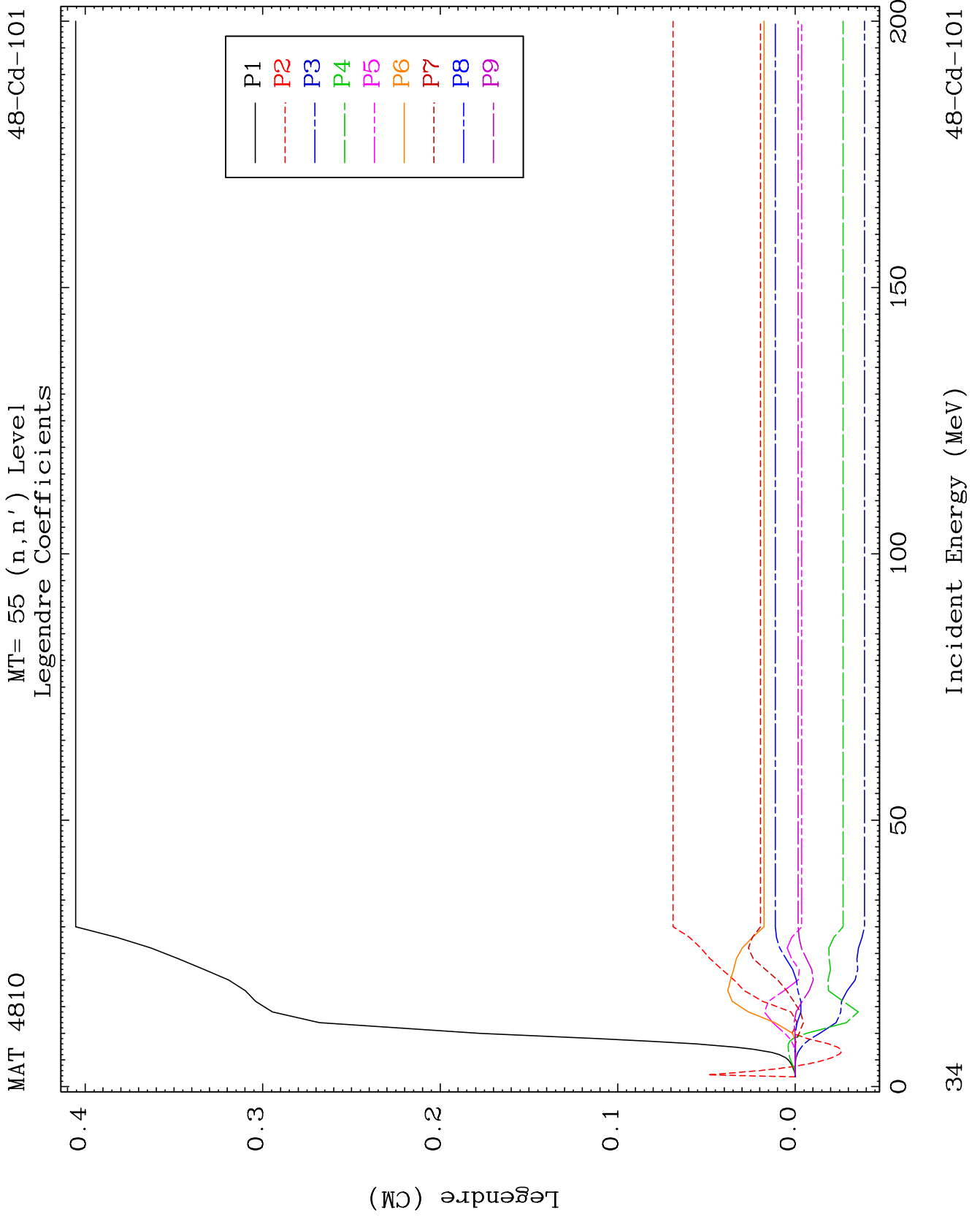
48-Cd-101

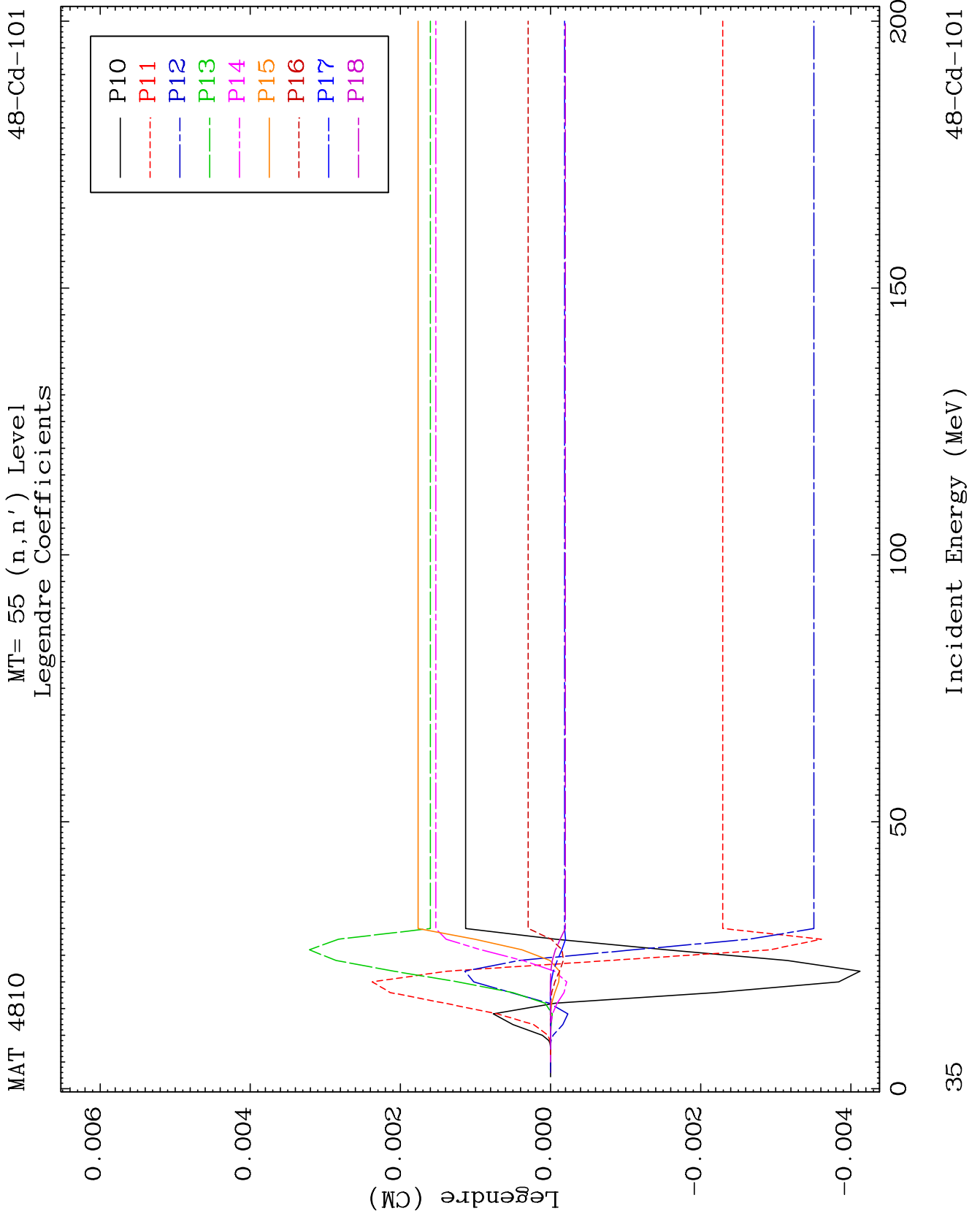
MAT 4810

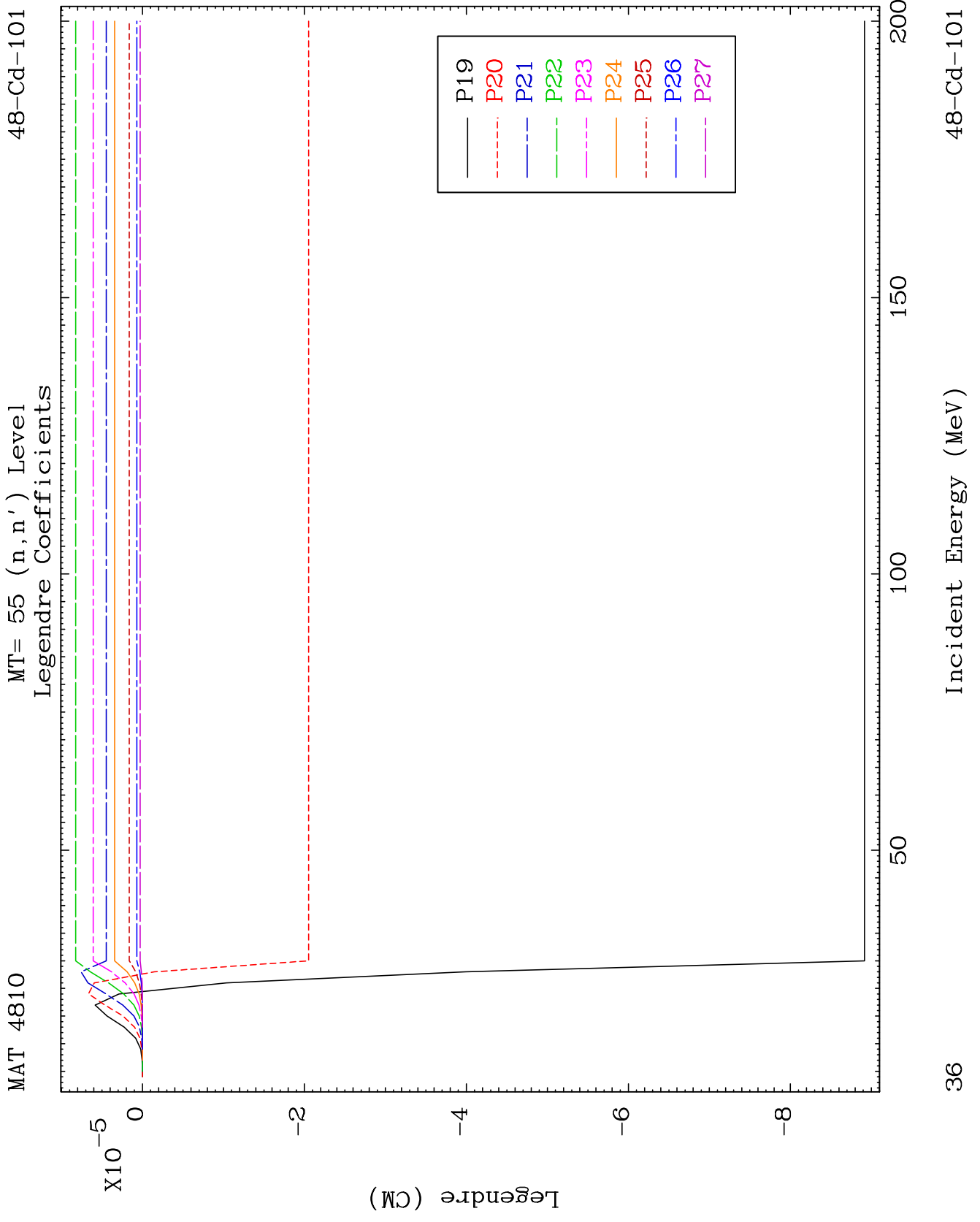
MT= 54 (n,n') Level  
Legendre Coefficients

48-Cd-101





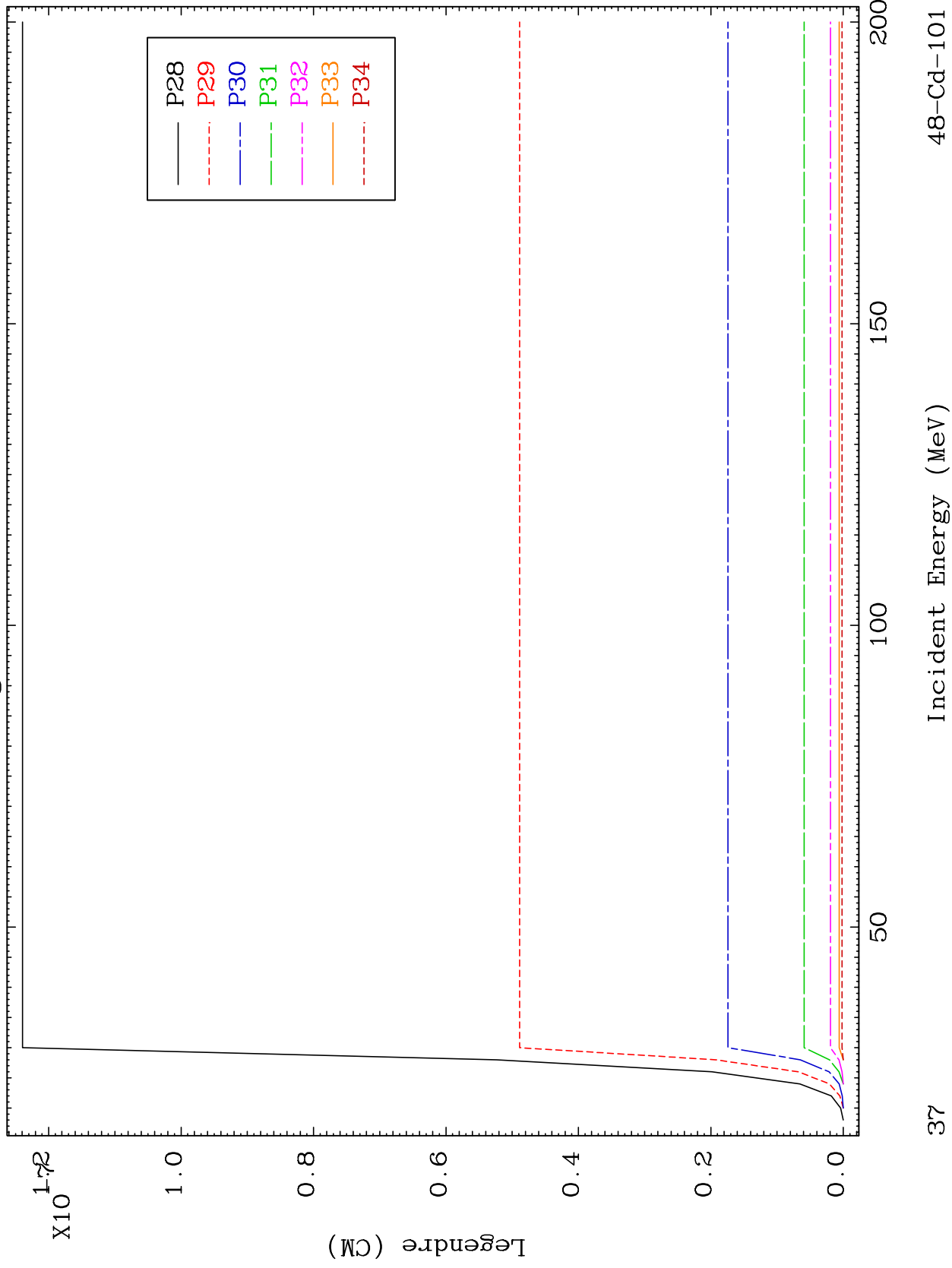


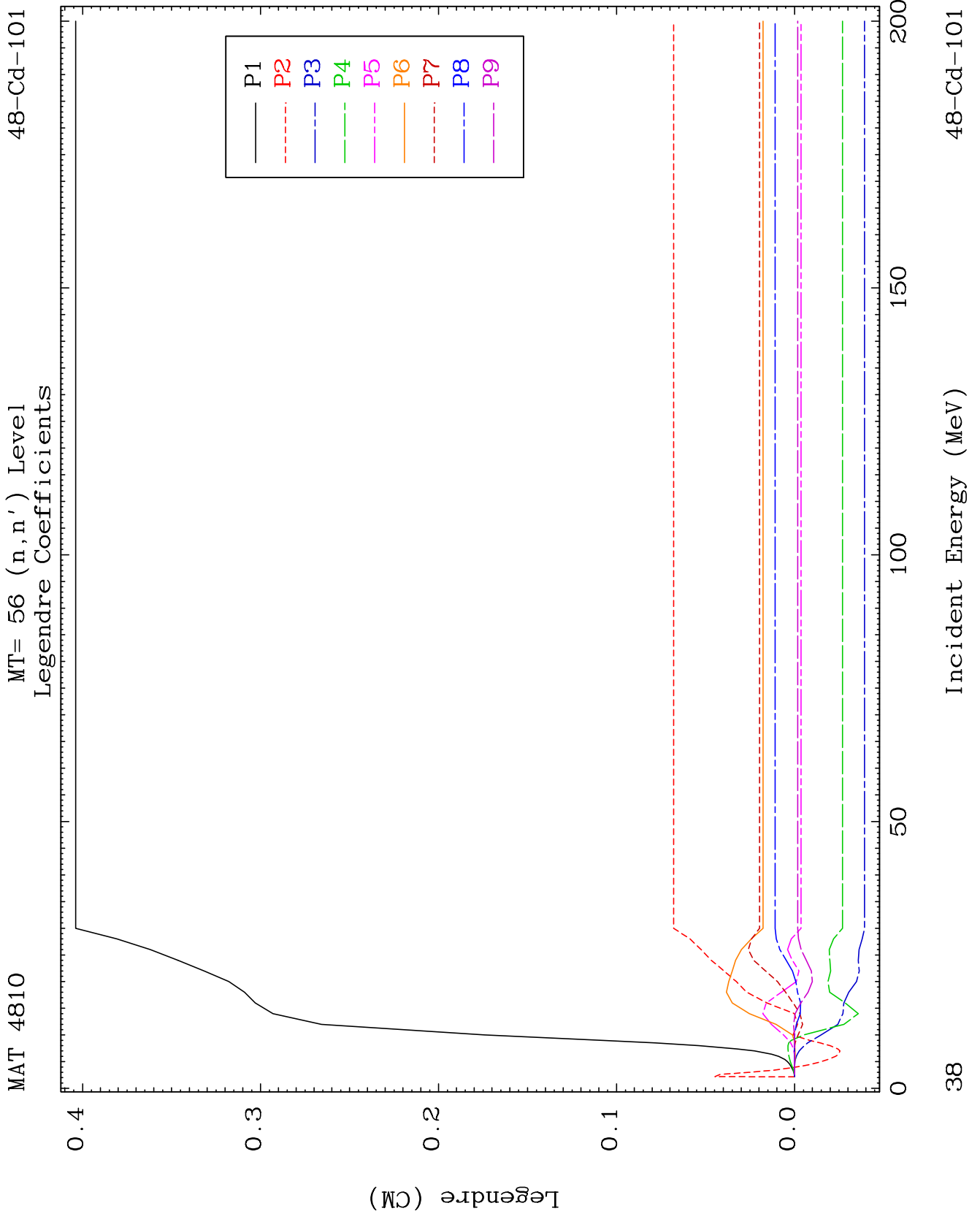


MAT 4810

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

48-Cd-101

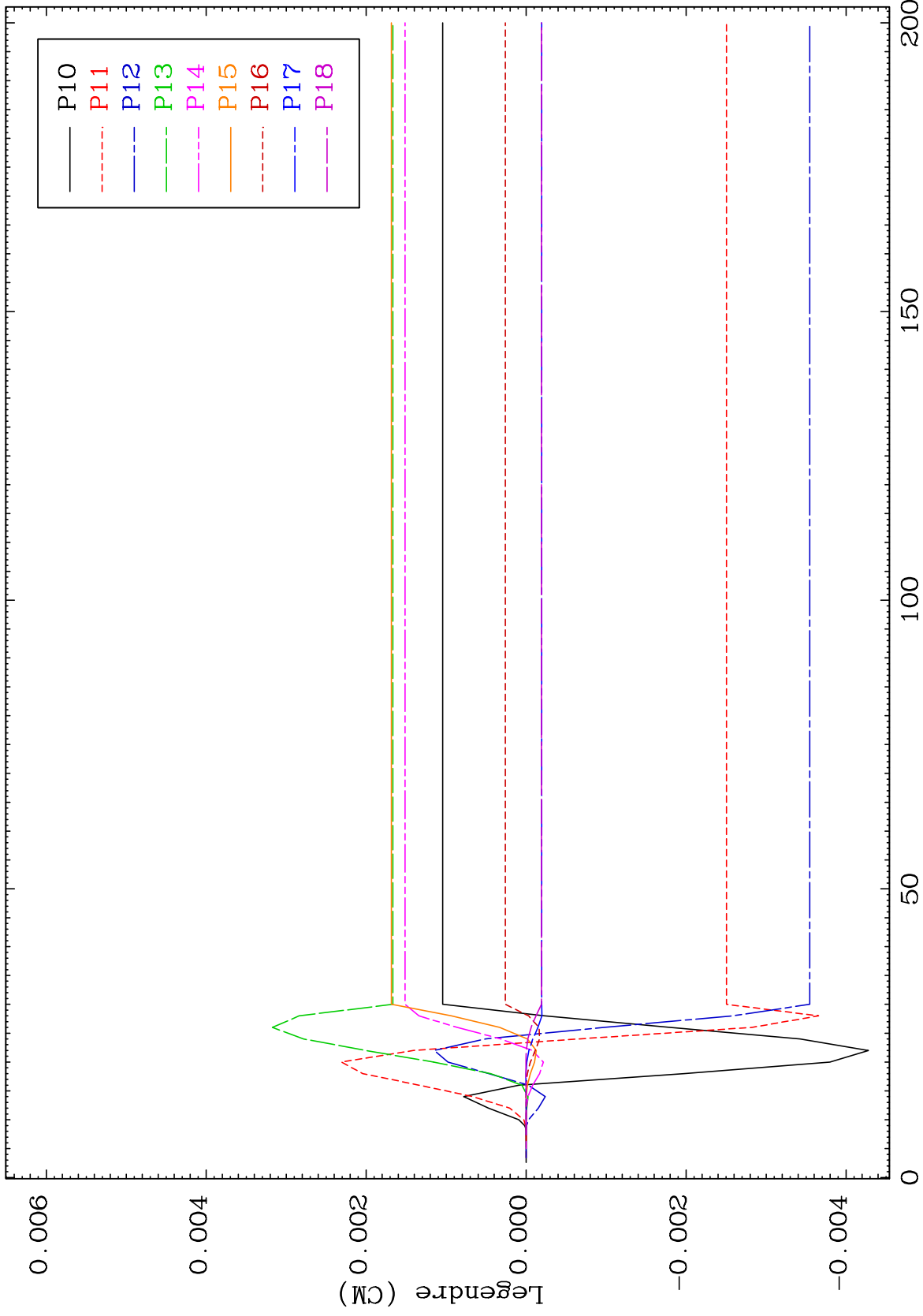




MAT 4810

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

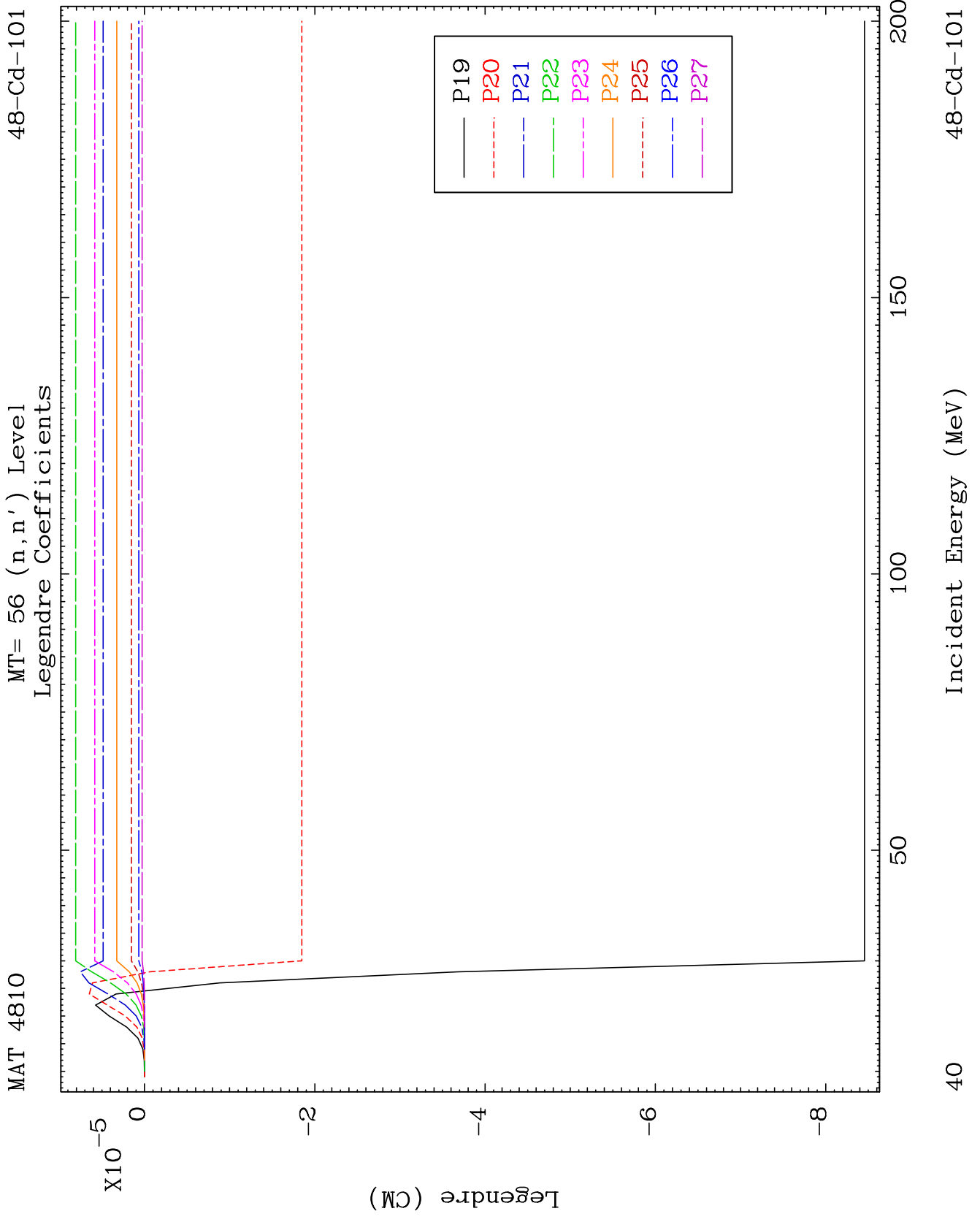
48-Cd-101



39

48-Cd-101

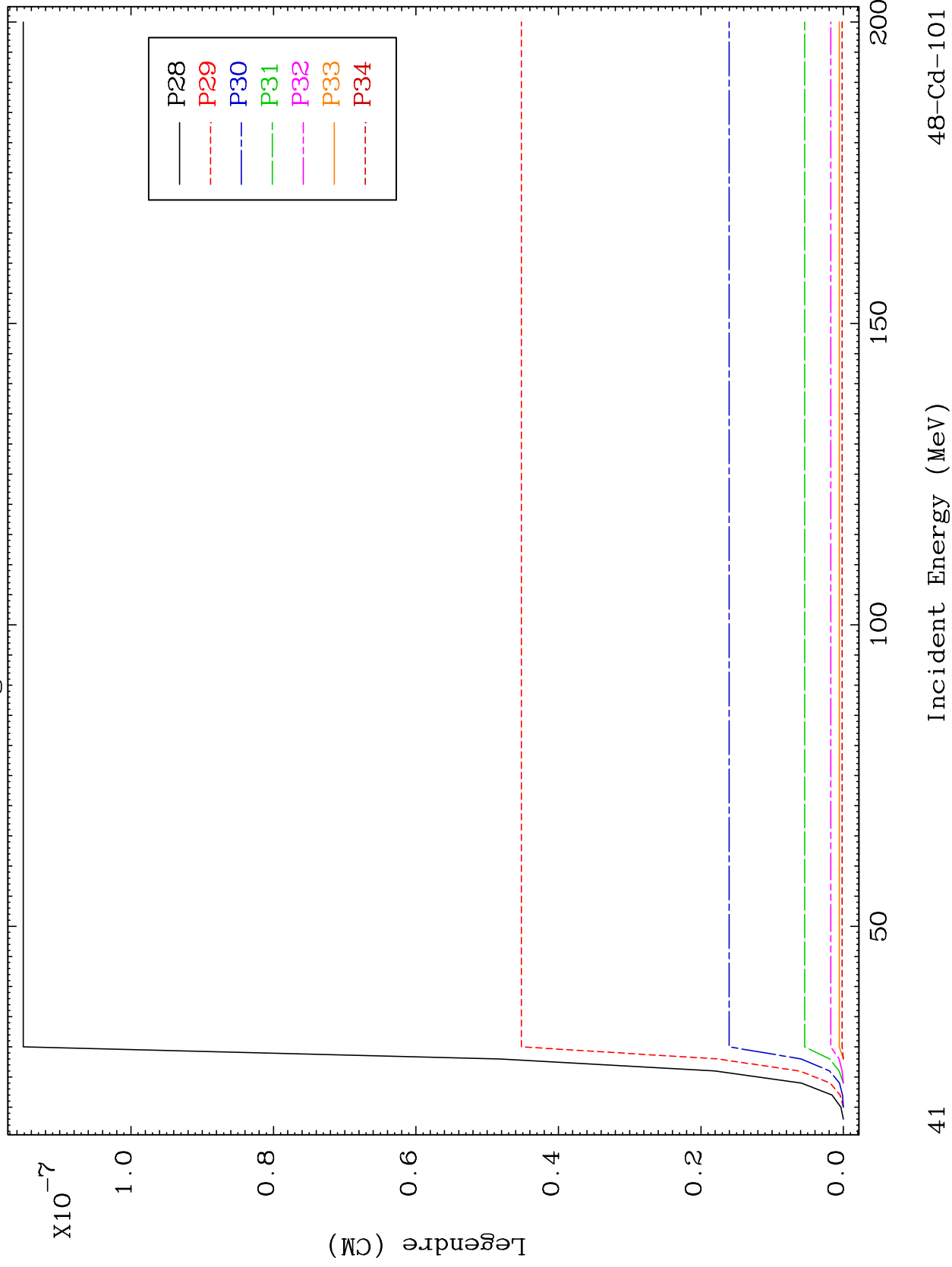




MAT 4810

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

48-Cd-101



41

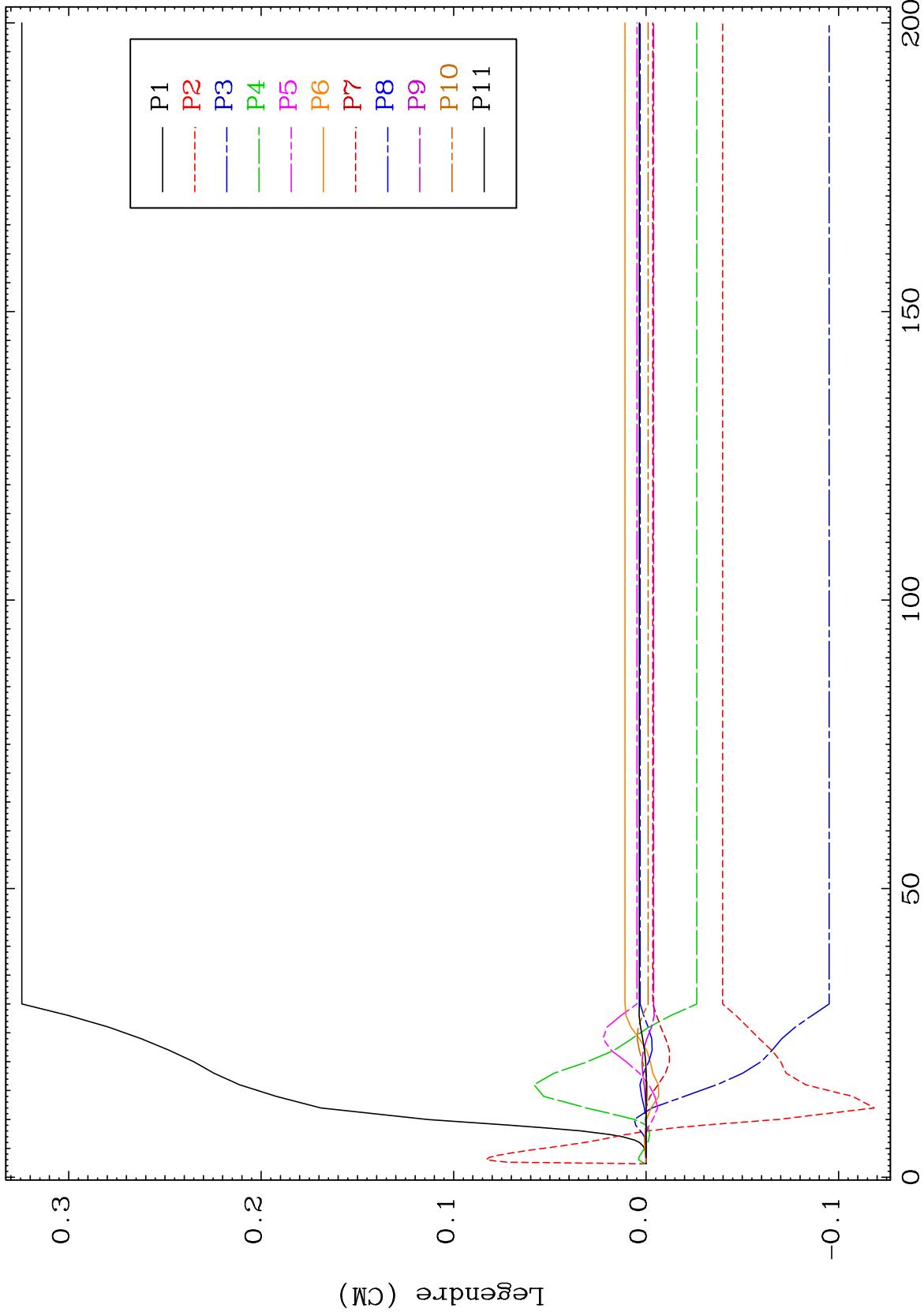
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

48-Cd-101



42

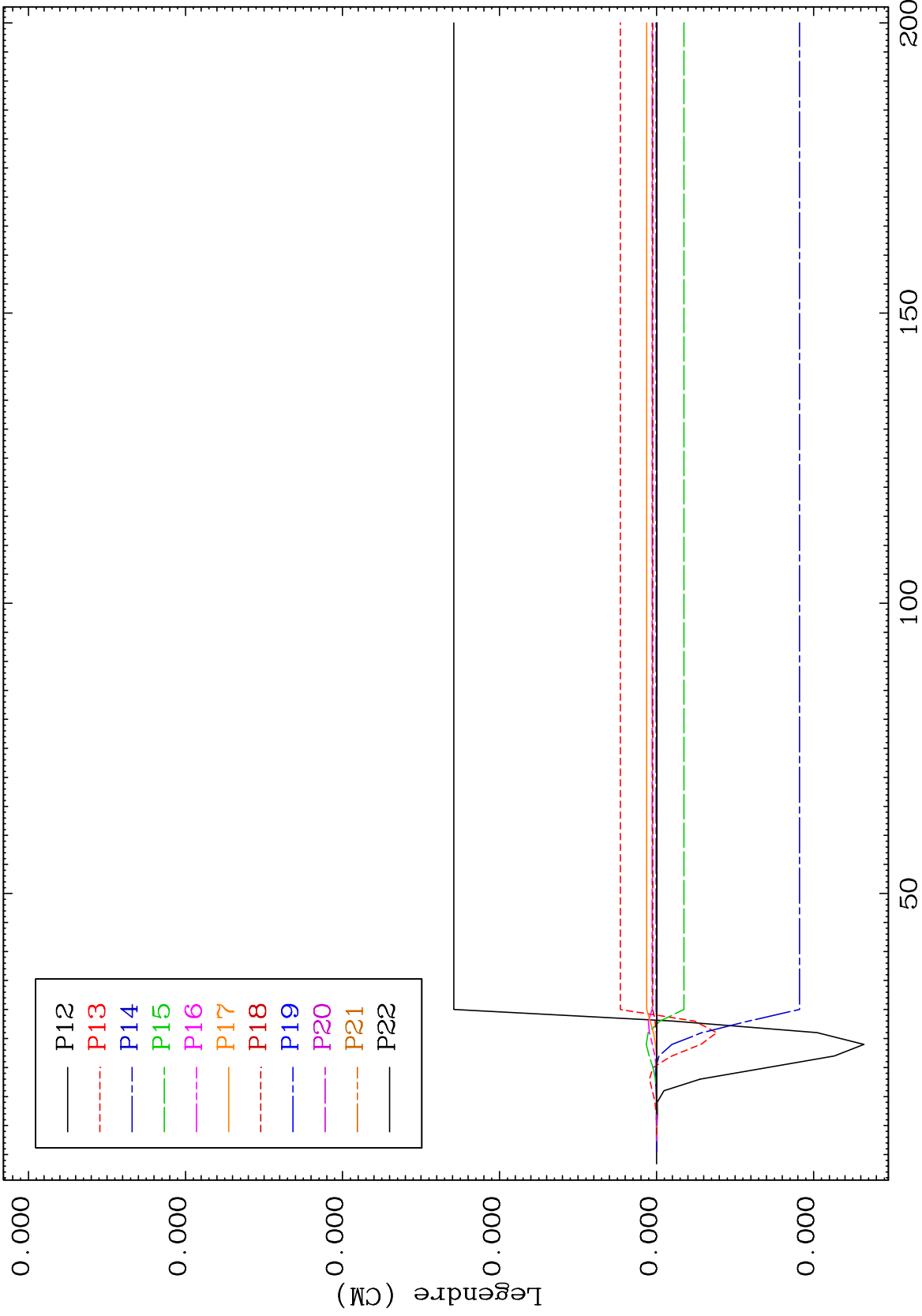
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

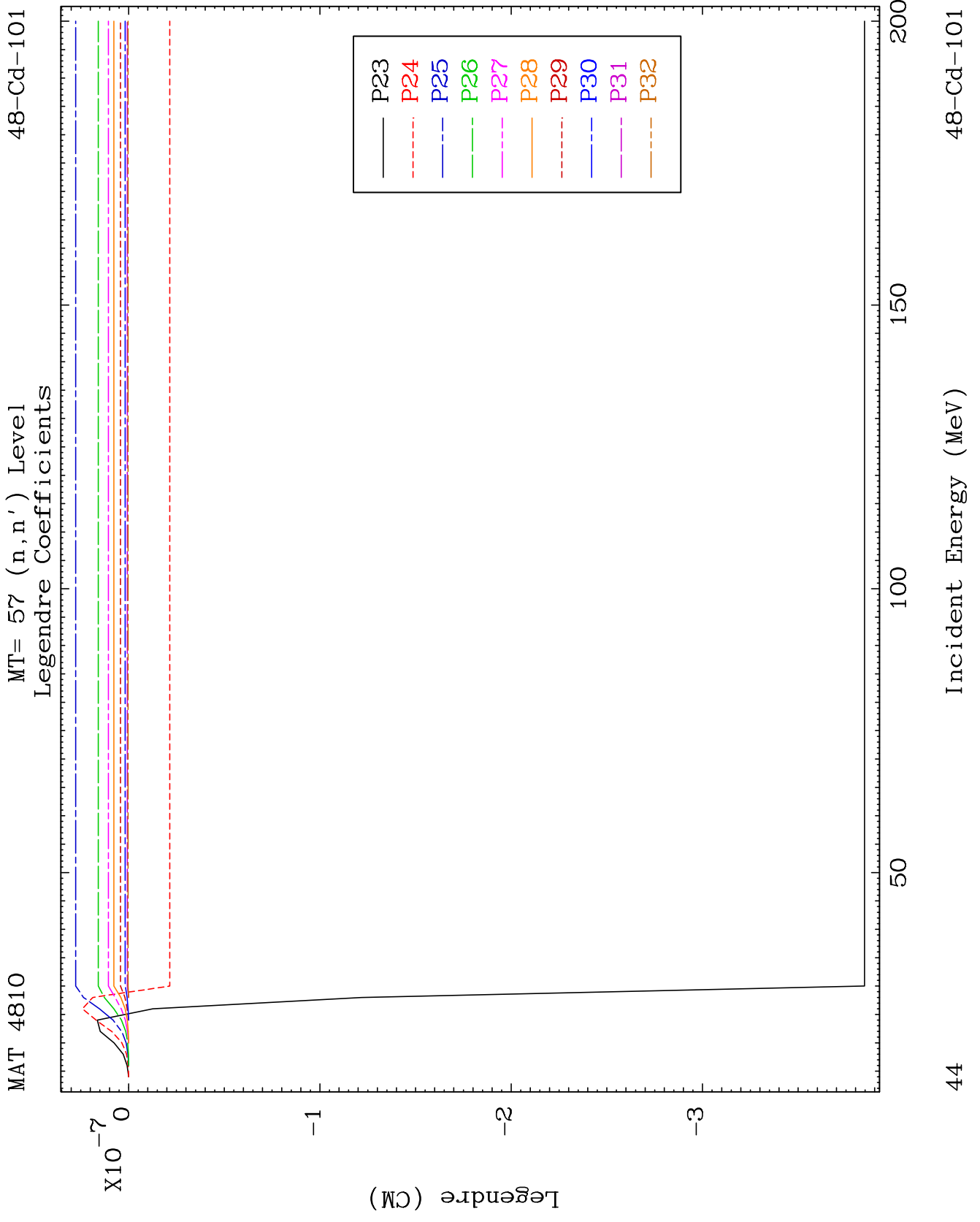
48-Cd-101

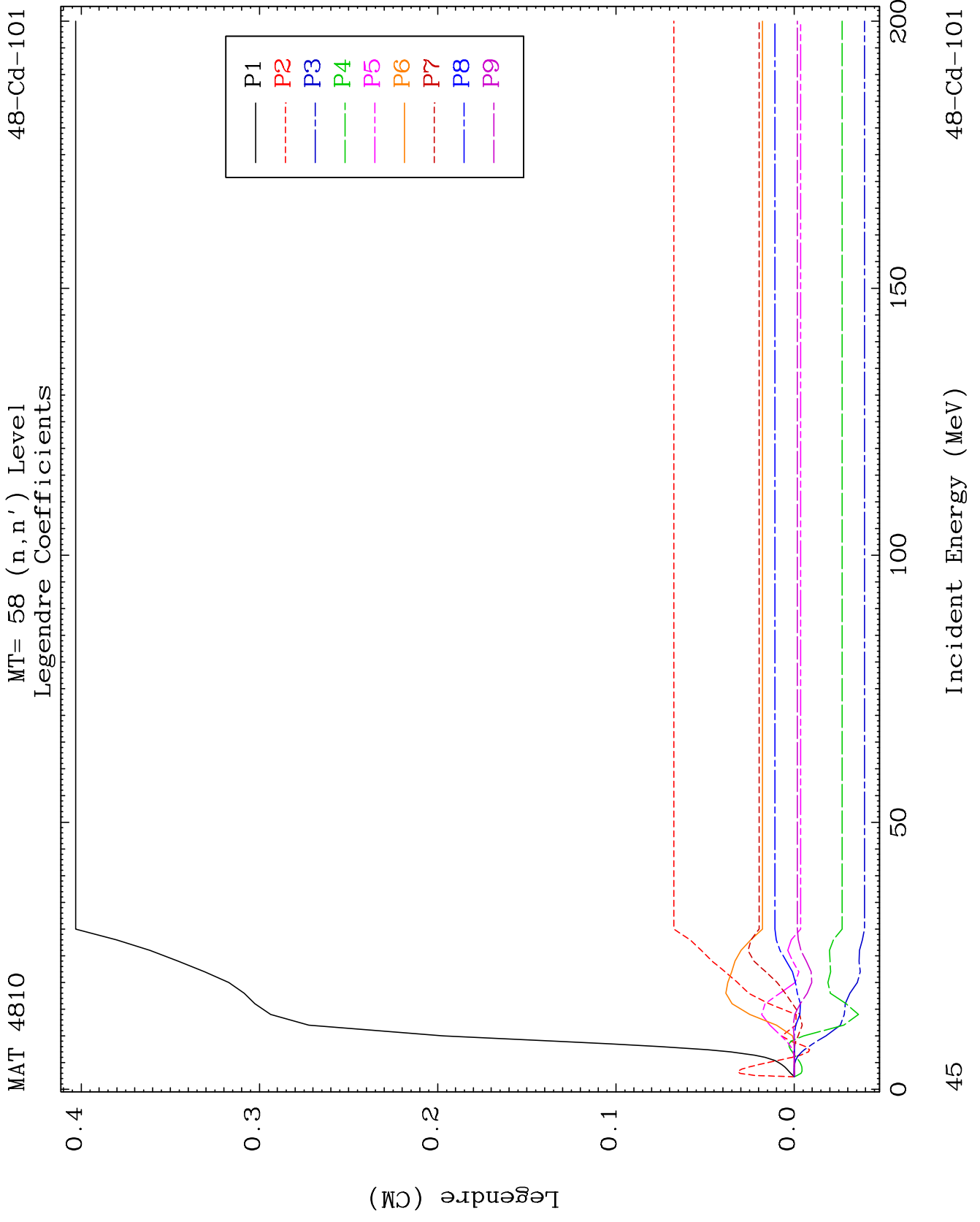


43

Incident Energy (MeV)

48-Cd-101

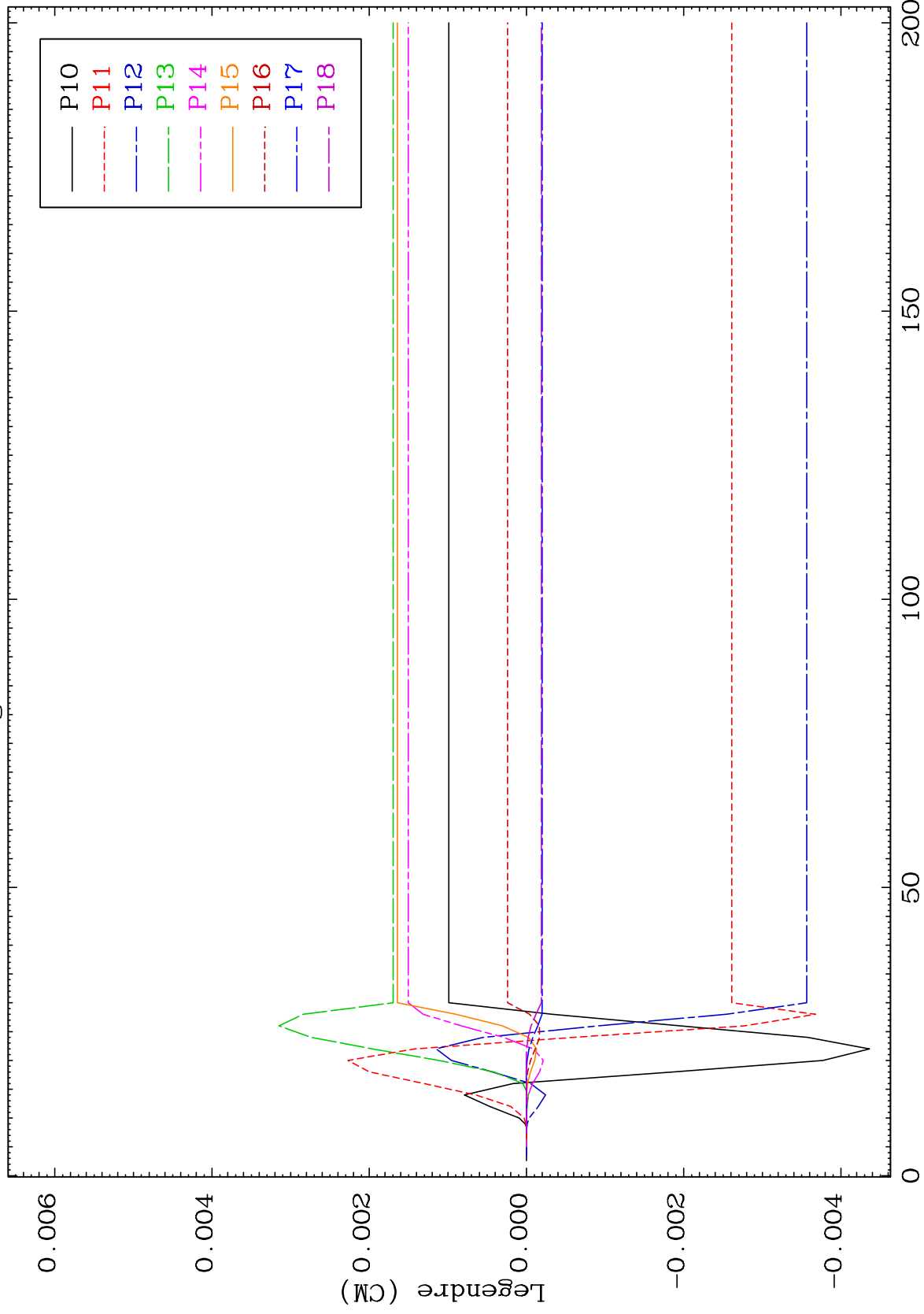




MAT 4810

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

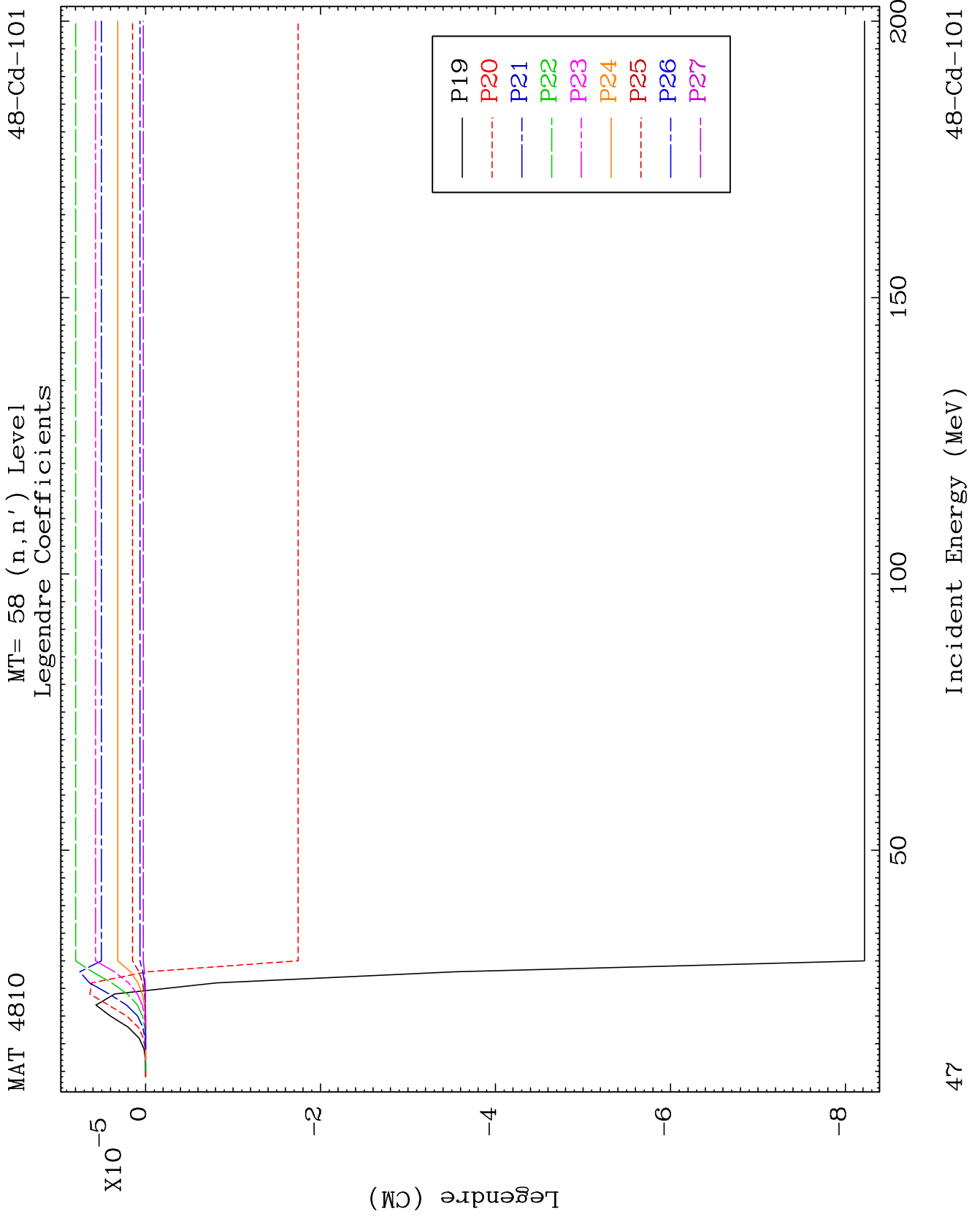
48-Cd-101



46

Incident Energy (MeV)

48-Cd-101

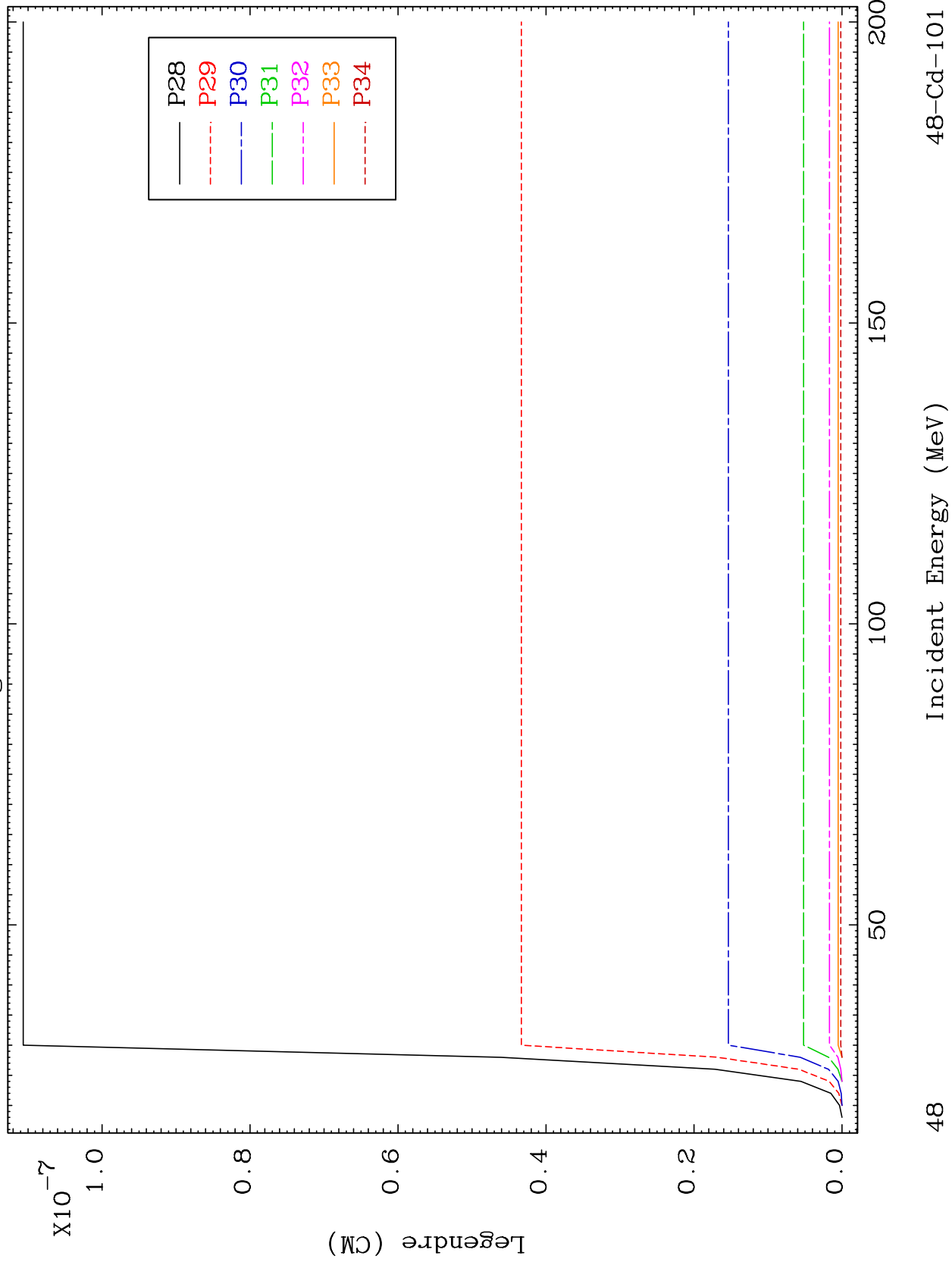




MAT 4810

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

48-Cd-101



48

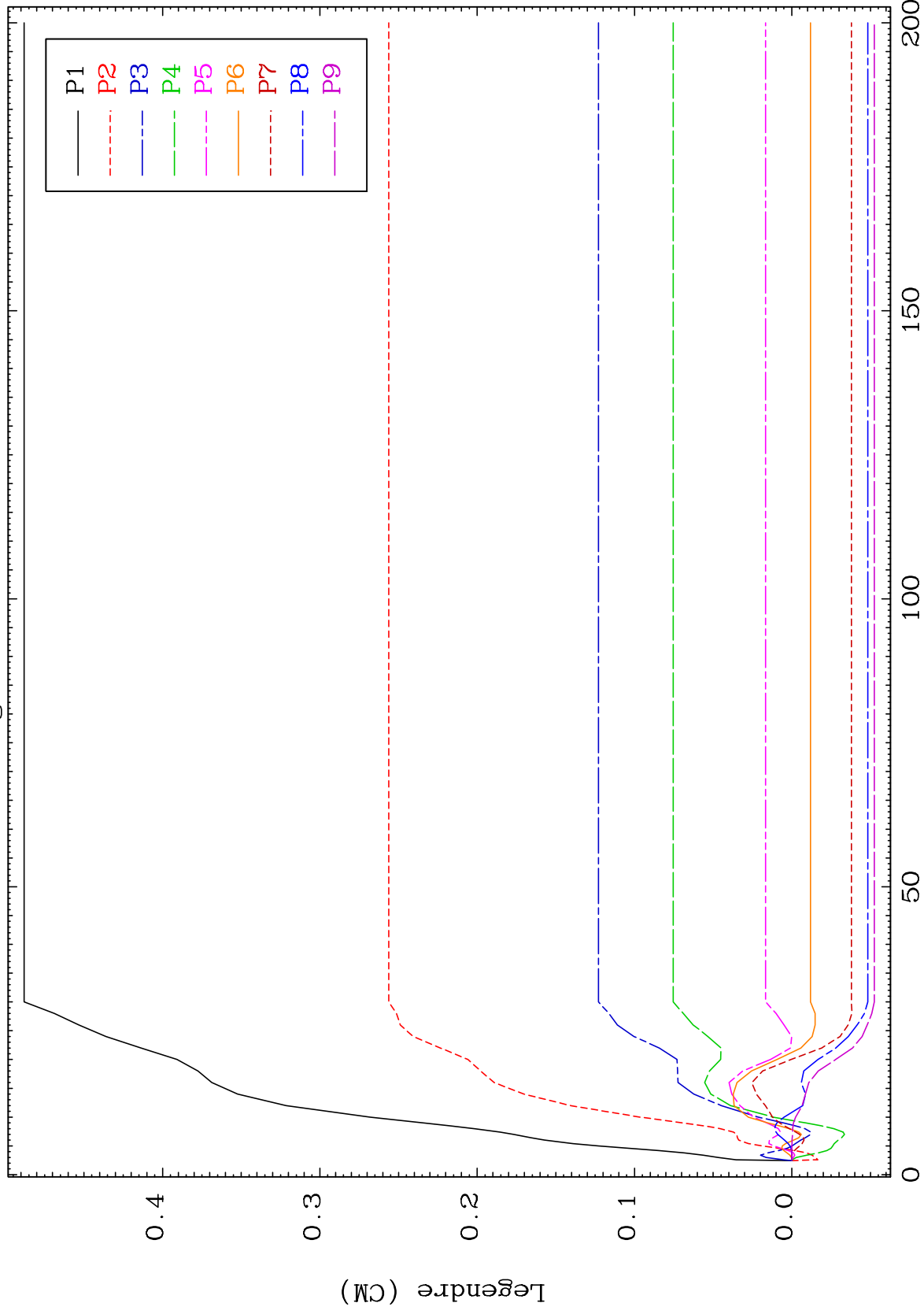
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

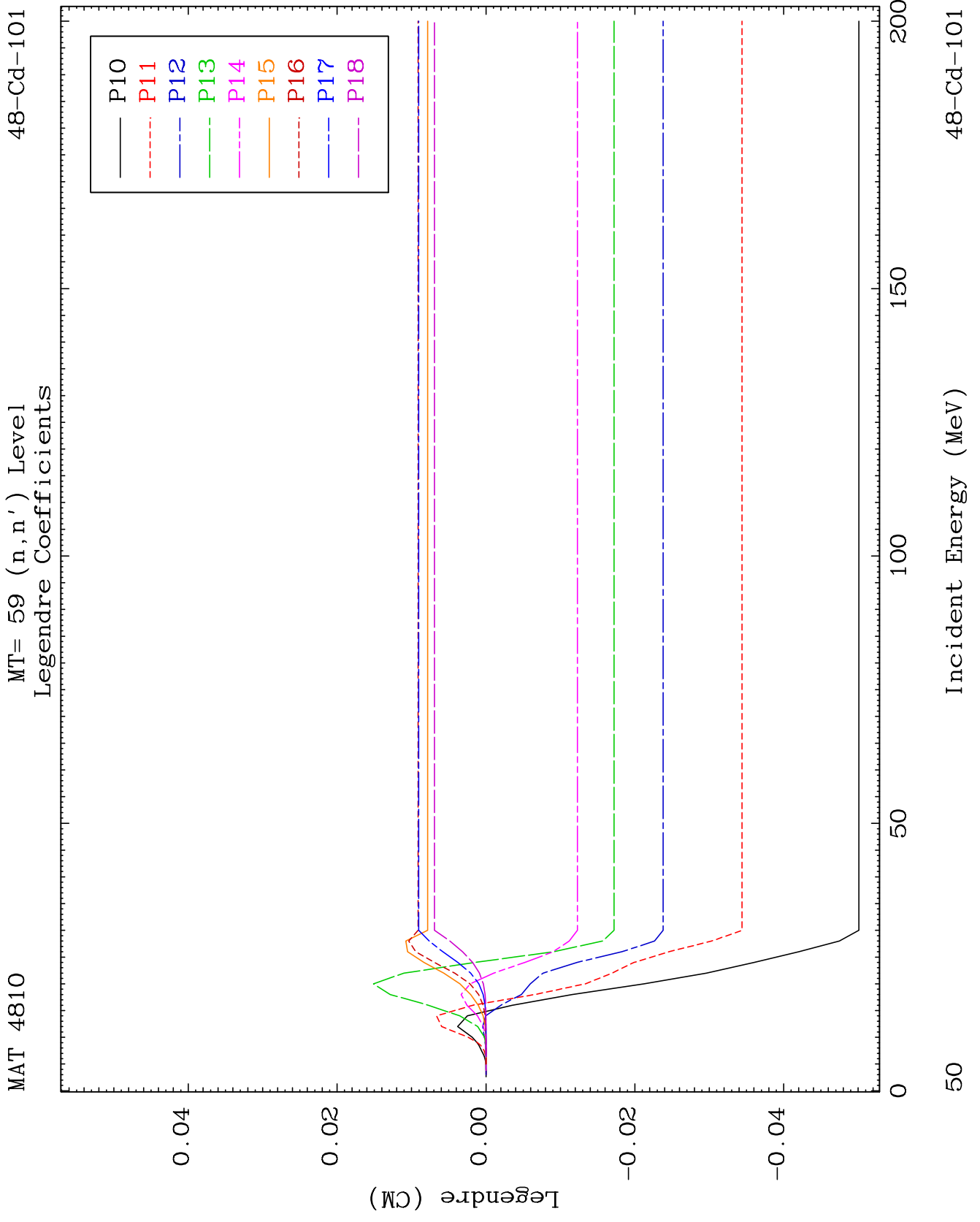
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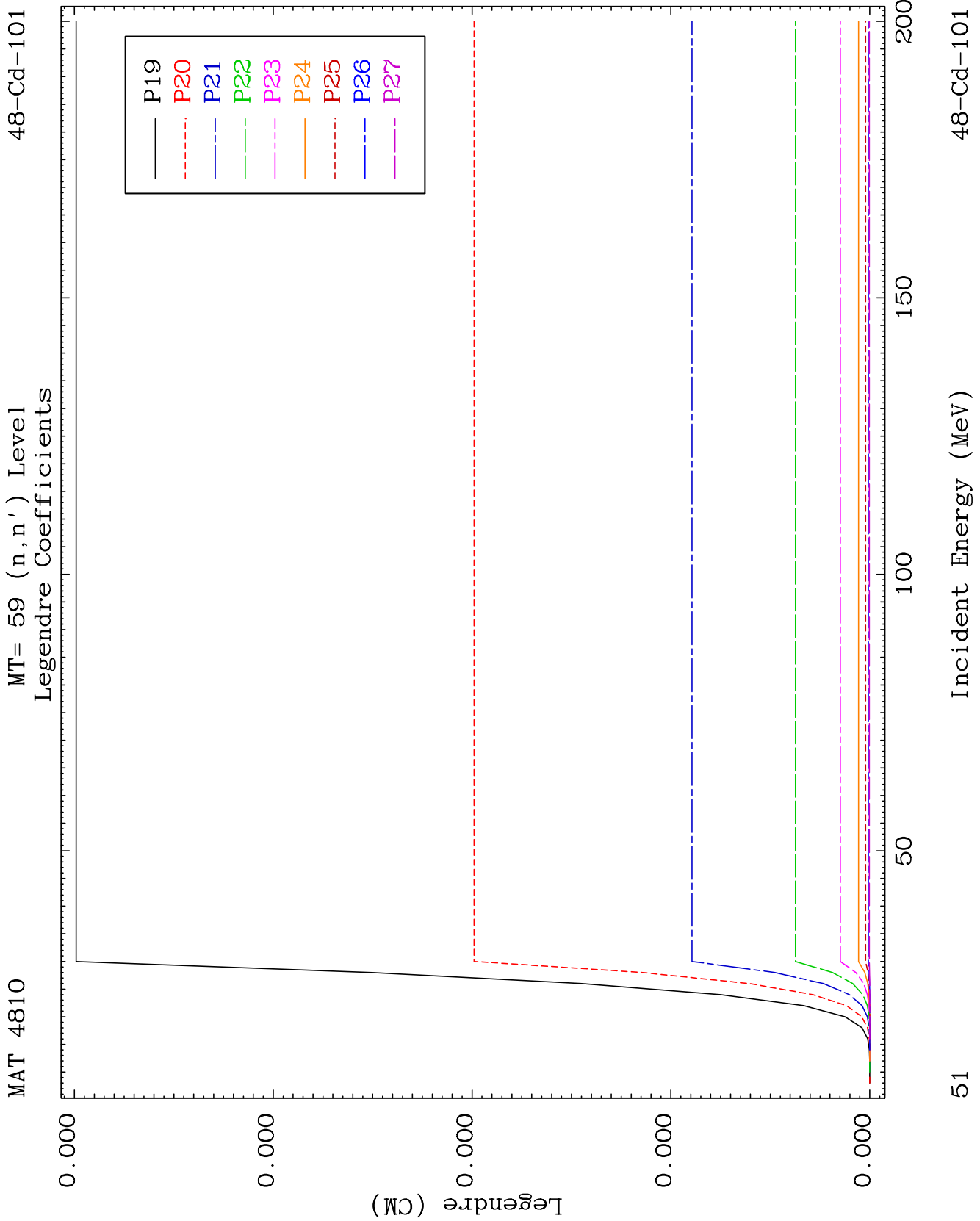


49

Incident Energy (MeV)

48-Cd-101

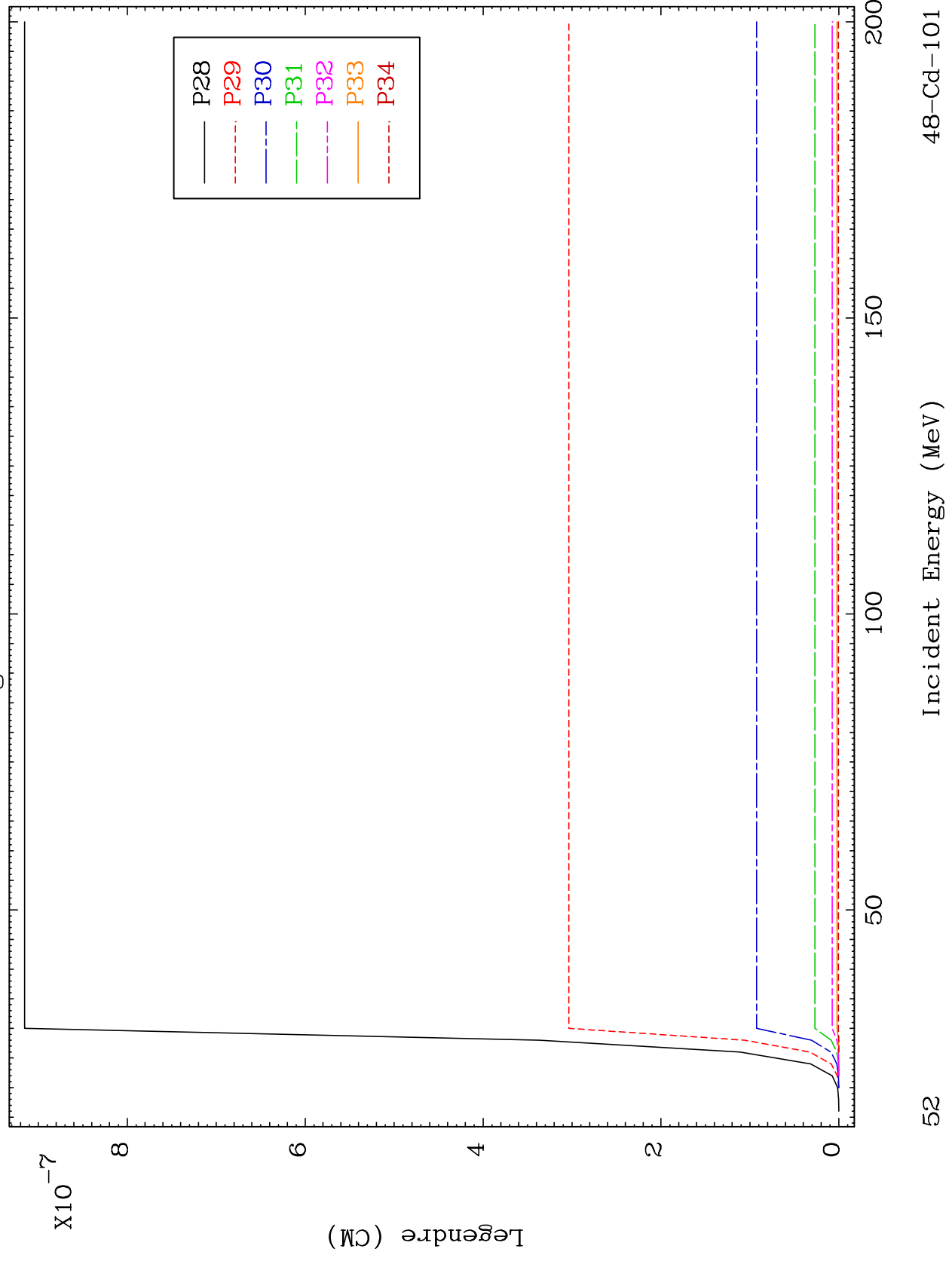




MAT 4810

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

48-Cd-101



52

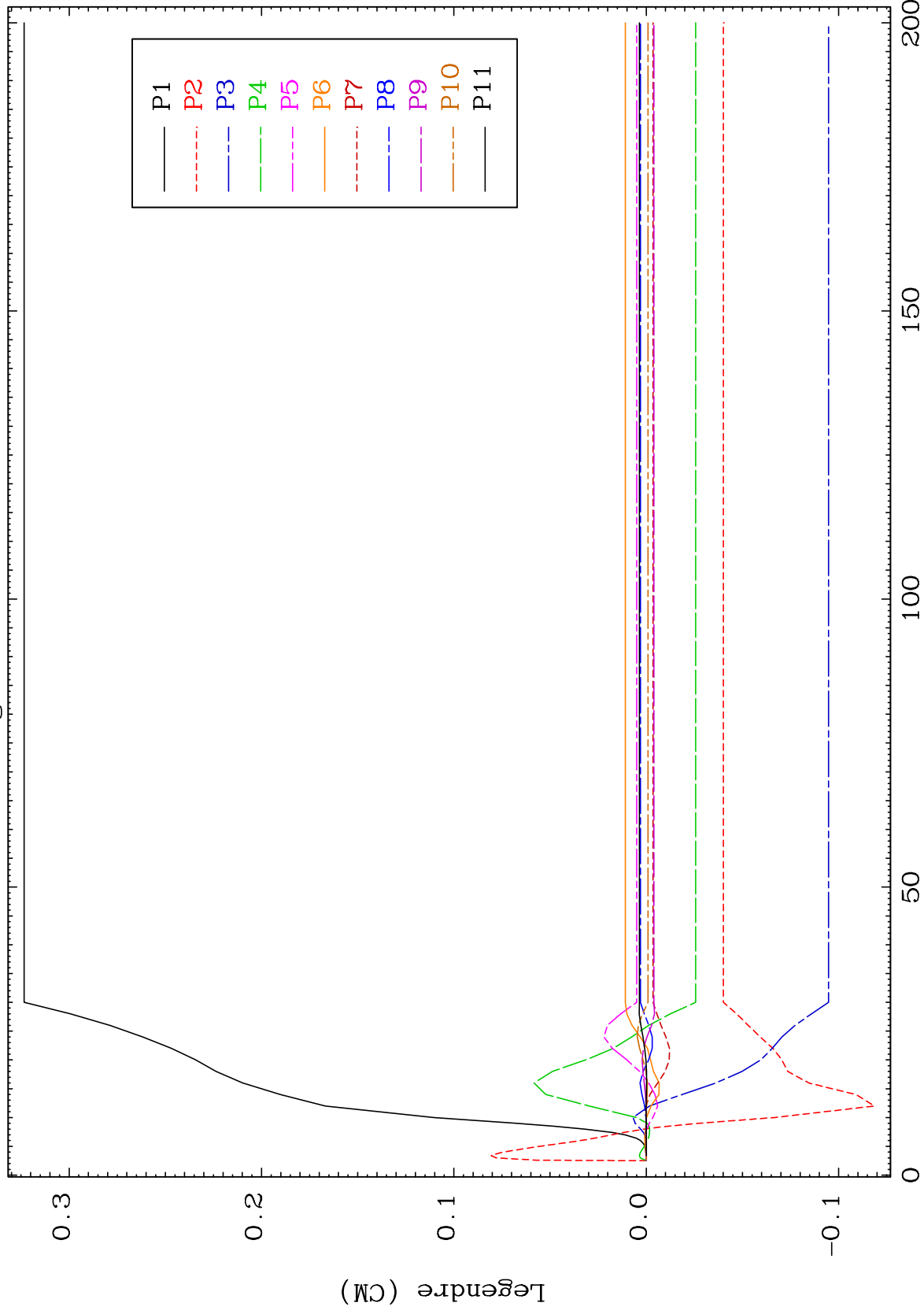
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

48-Cd-101



53

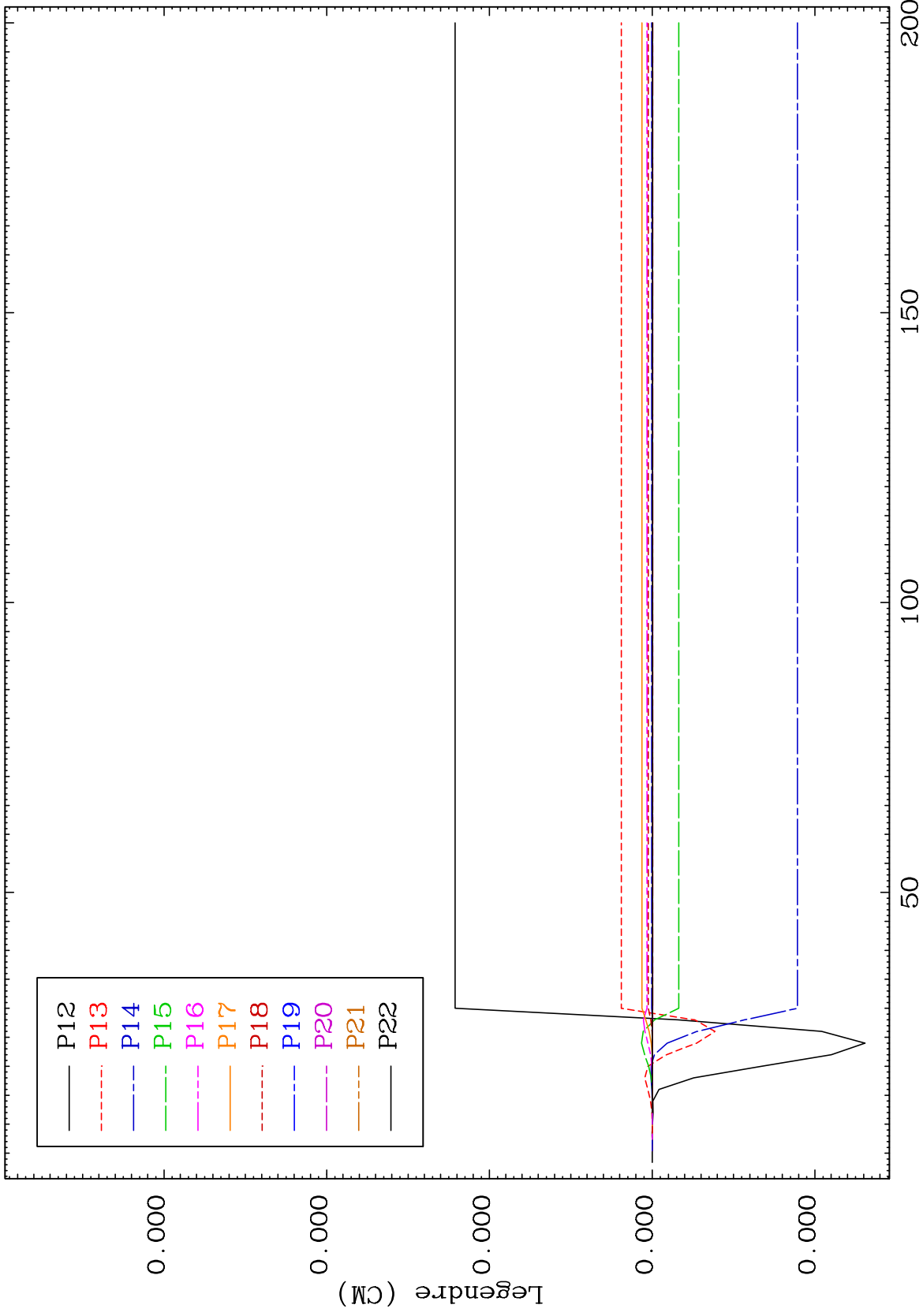
Incident Energy (MeV)

48-Cd-101

MAT 4810

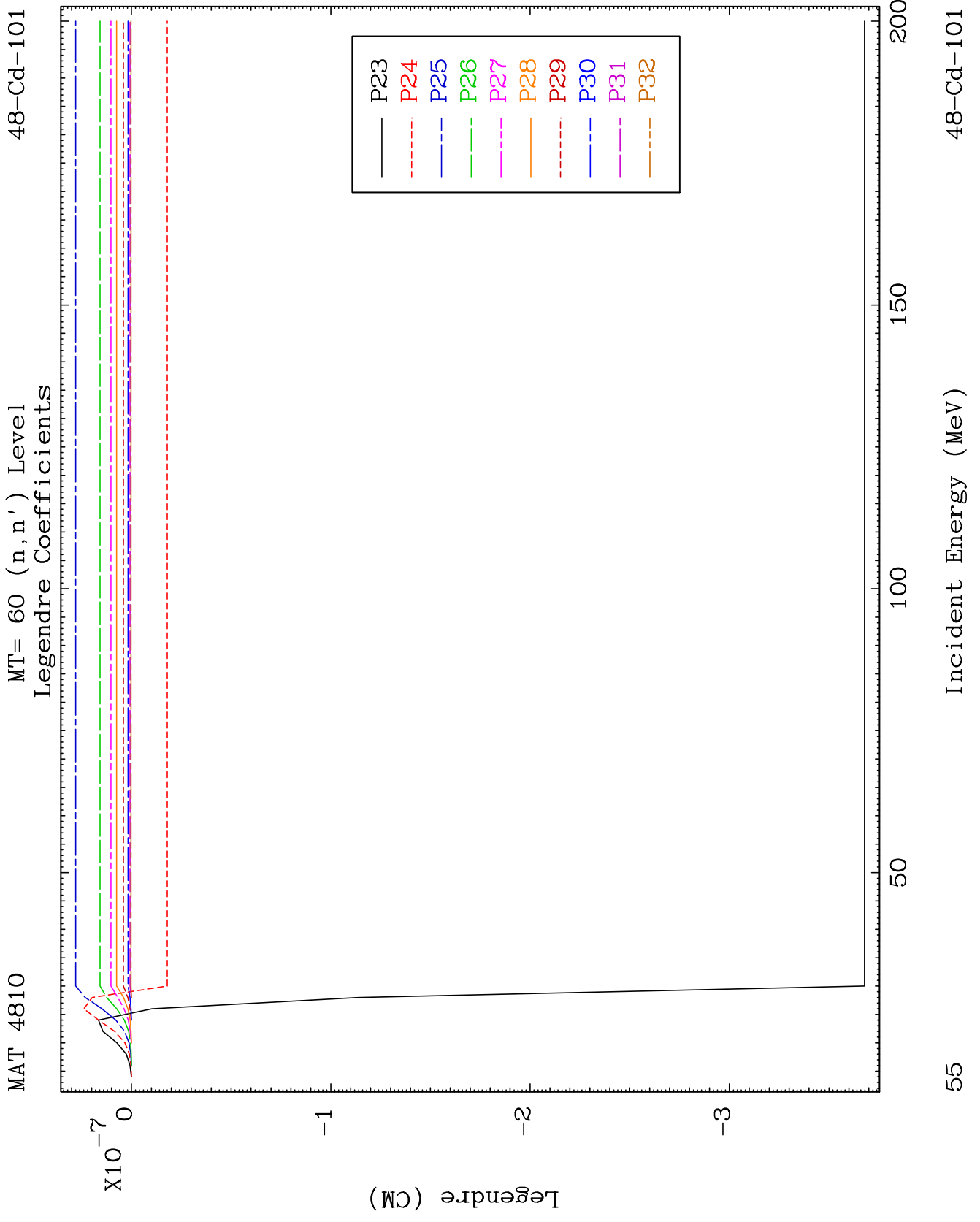
MT= 60 (n,n') Level  
Legendre Coefficients

48-Cd-101



54

48-Cd-101

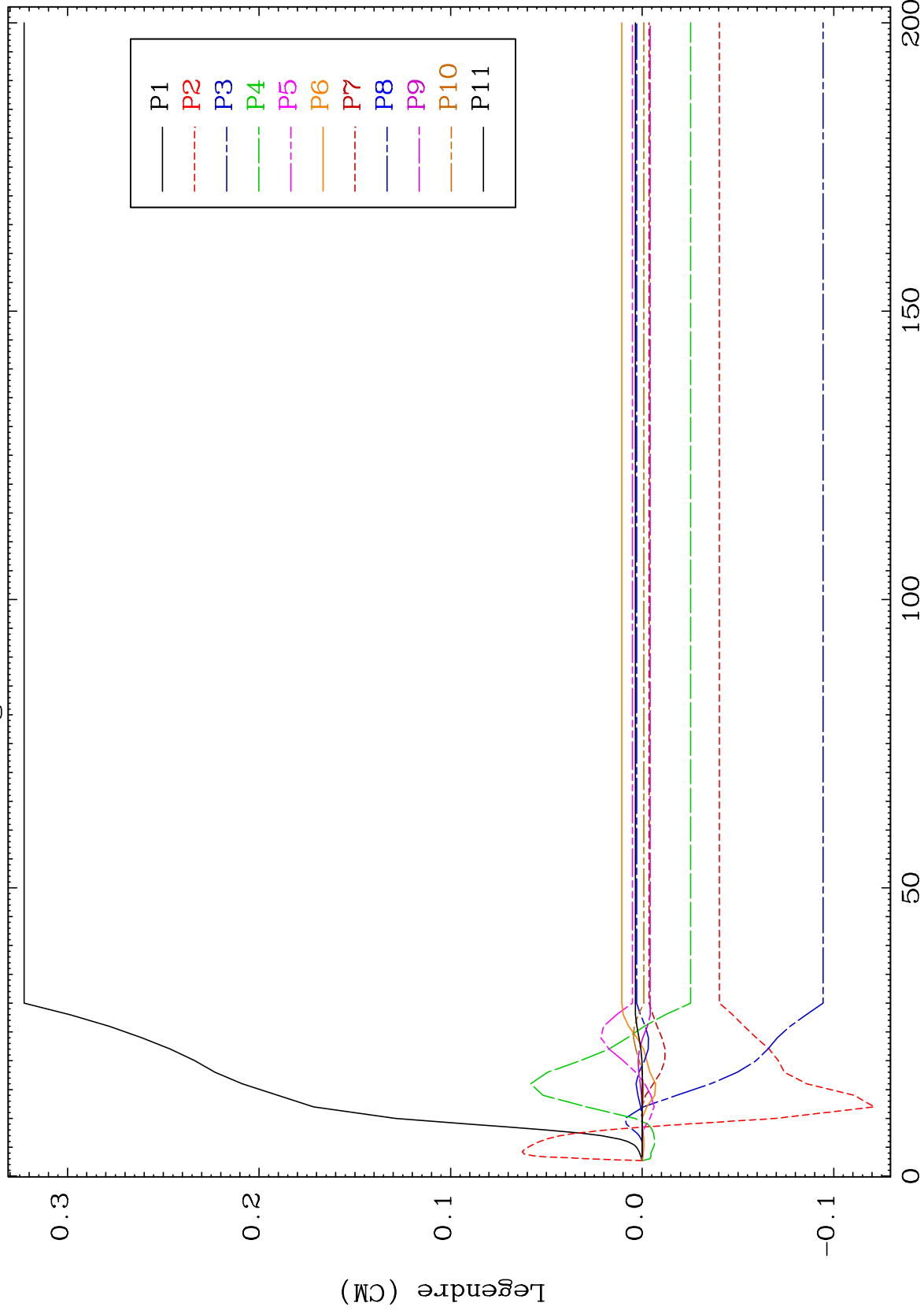




MAT 4810

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

48-Cd-101



56

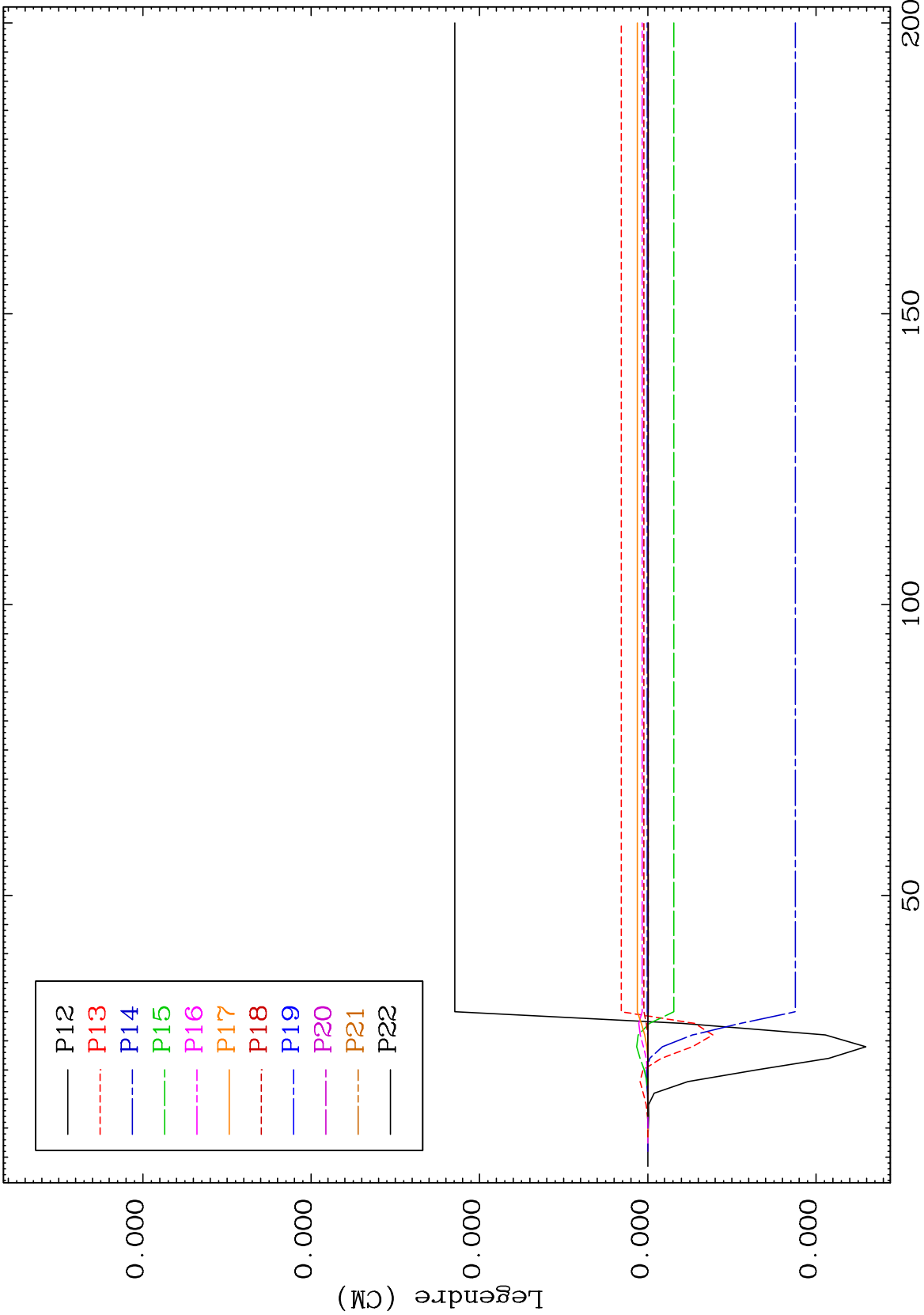
Incident Energy (MeV)

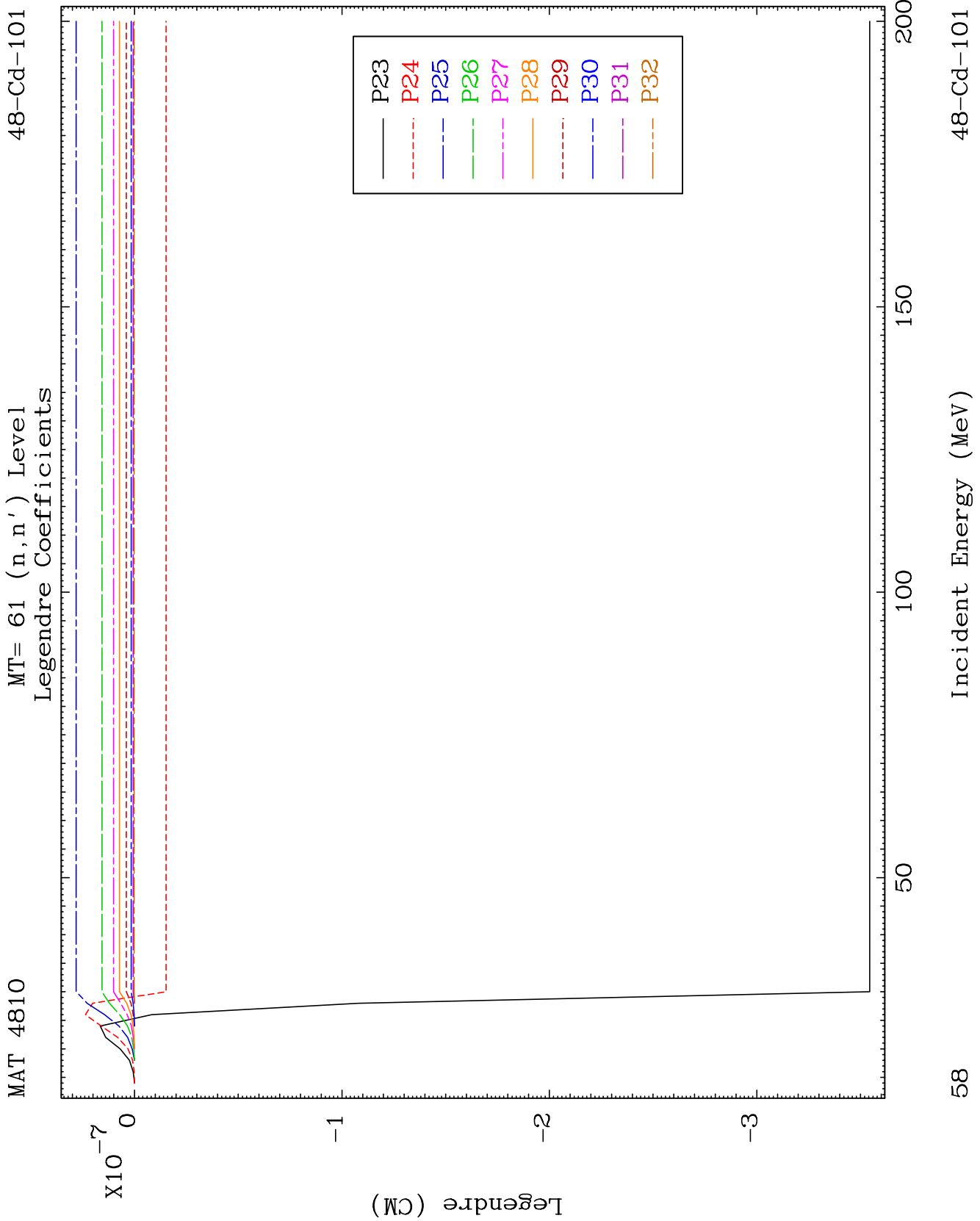
48-Cd-101

MAT 4810

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

48-Cd-101

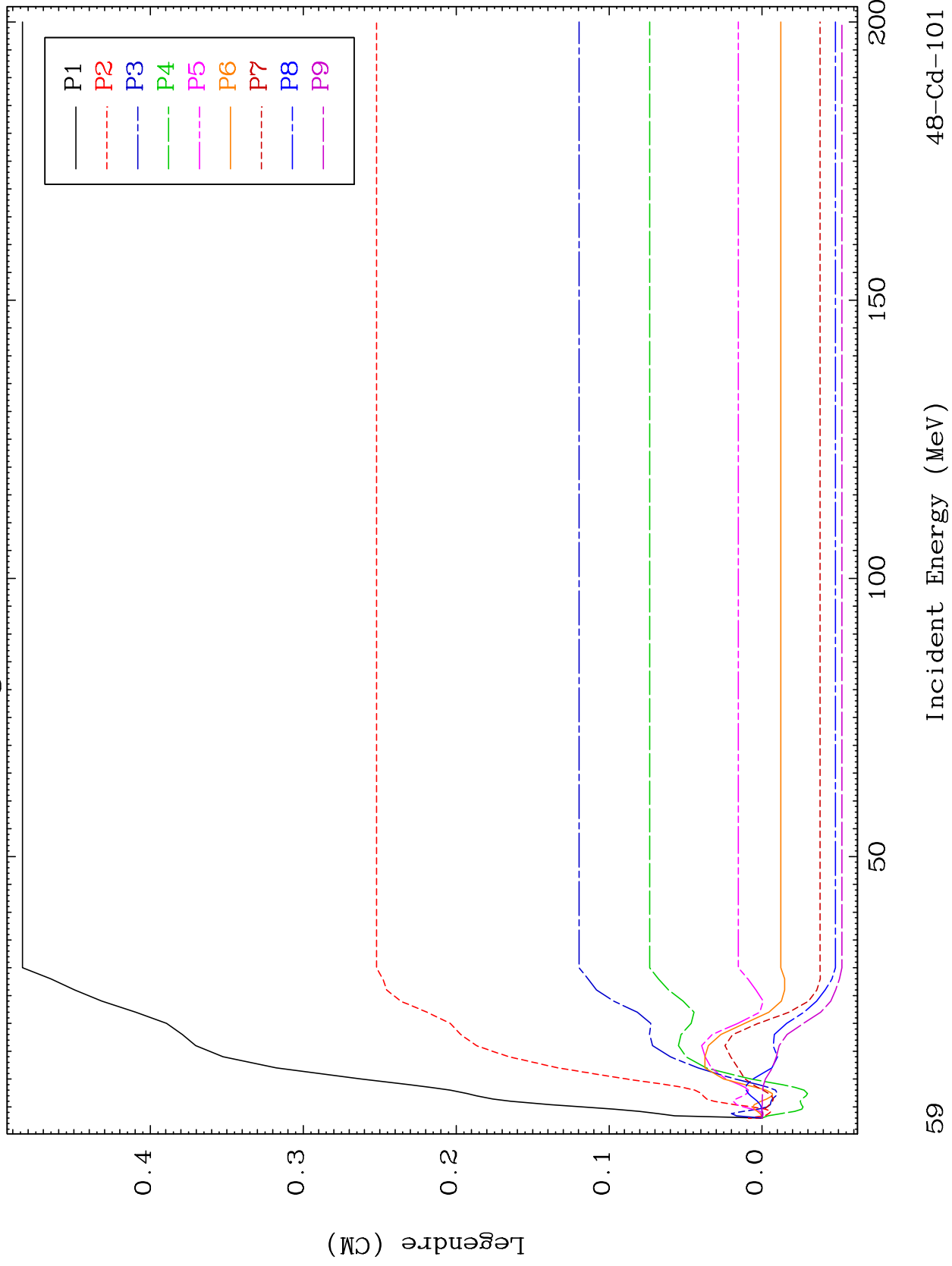




MAT 4810

MT= 62 (n,n') Level  
Legendre Coefficients

48-Cd-101



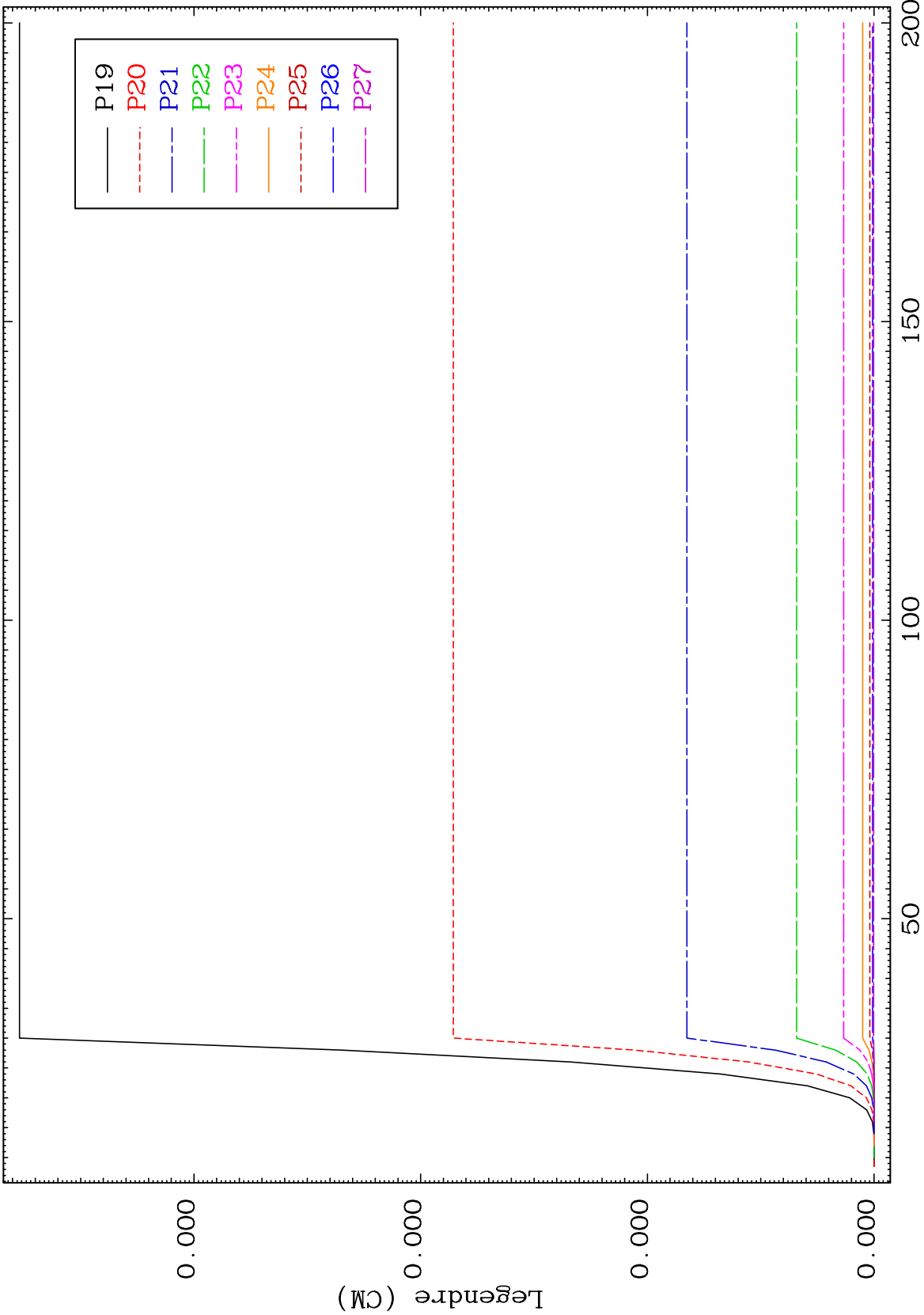
59



MAT 4810

MT= 62 (n,n') Level  
Legendre Coefficients

48-Cd-101



61

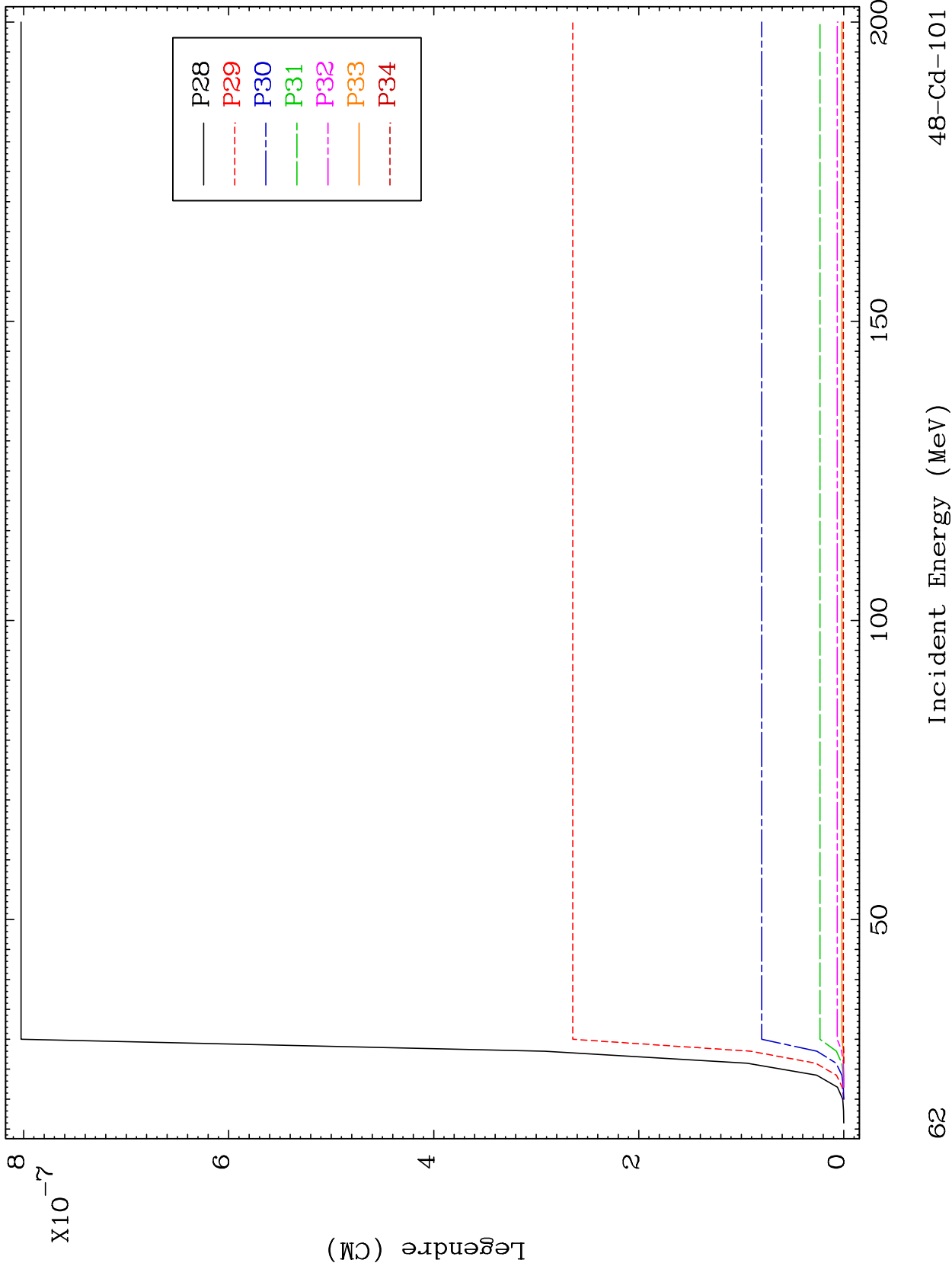
Incident Energy (MeV)

48-Cd-101

MAT 4810

MT= 62 (n,n') Level  
Legendre Coefficients

48-Cd-101



62

Incident Energy (MeV)

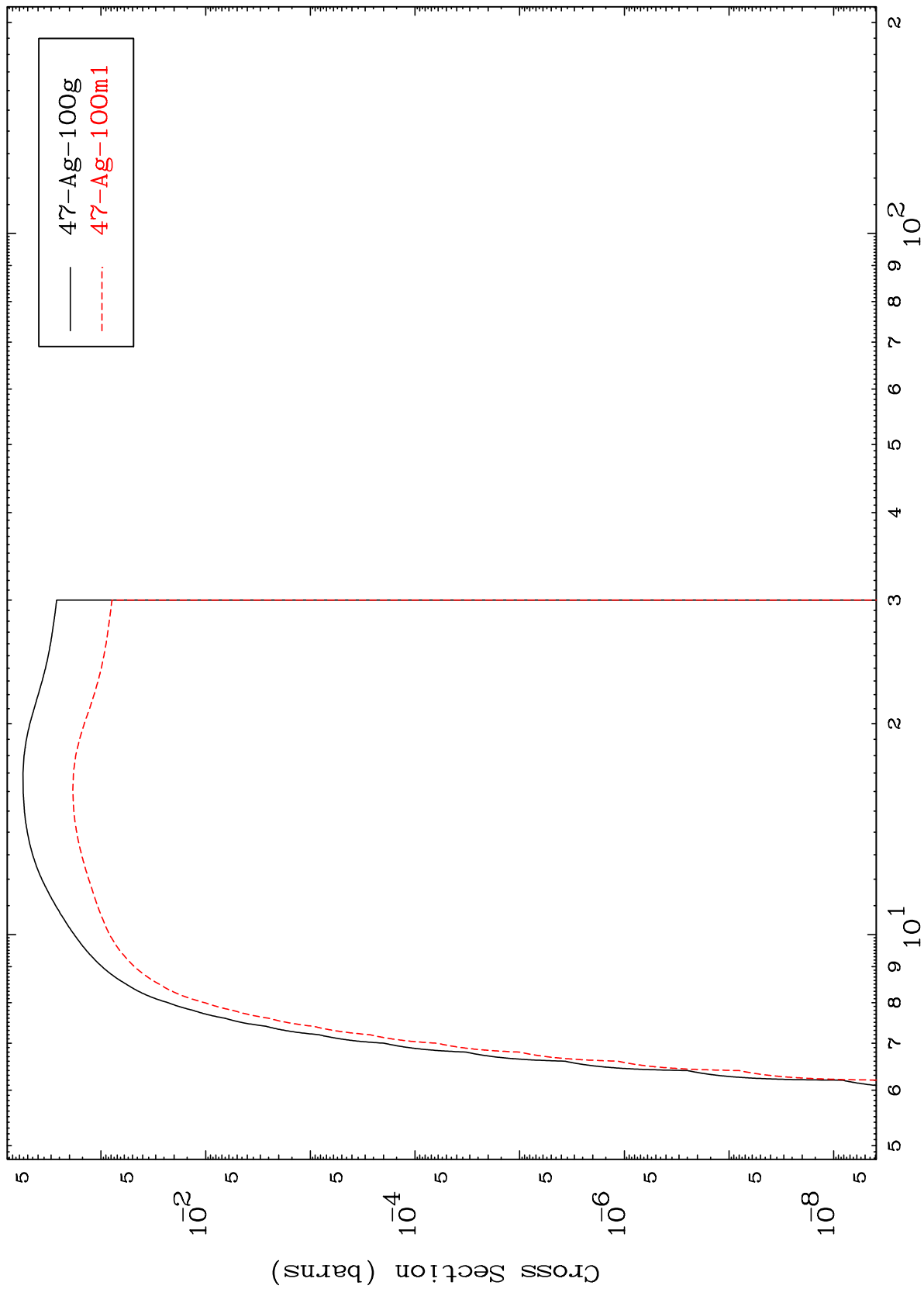
48-Cd-101

MAT 4810

(n,n') p

48-Cd-101

Radionuclide Production Cross Section



63

Incident Energy (MeV)

48-Cd-101

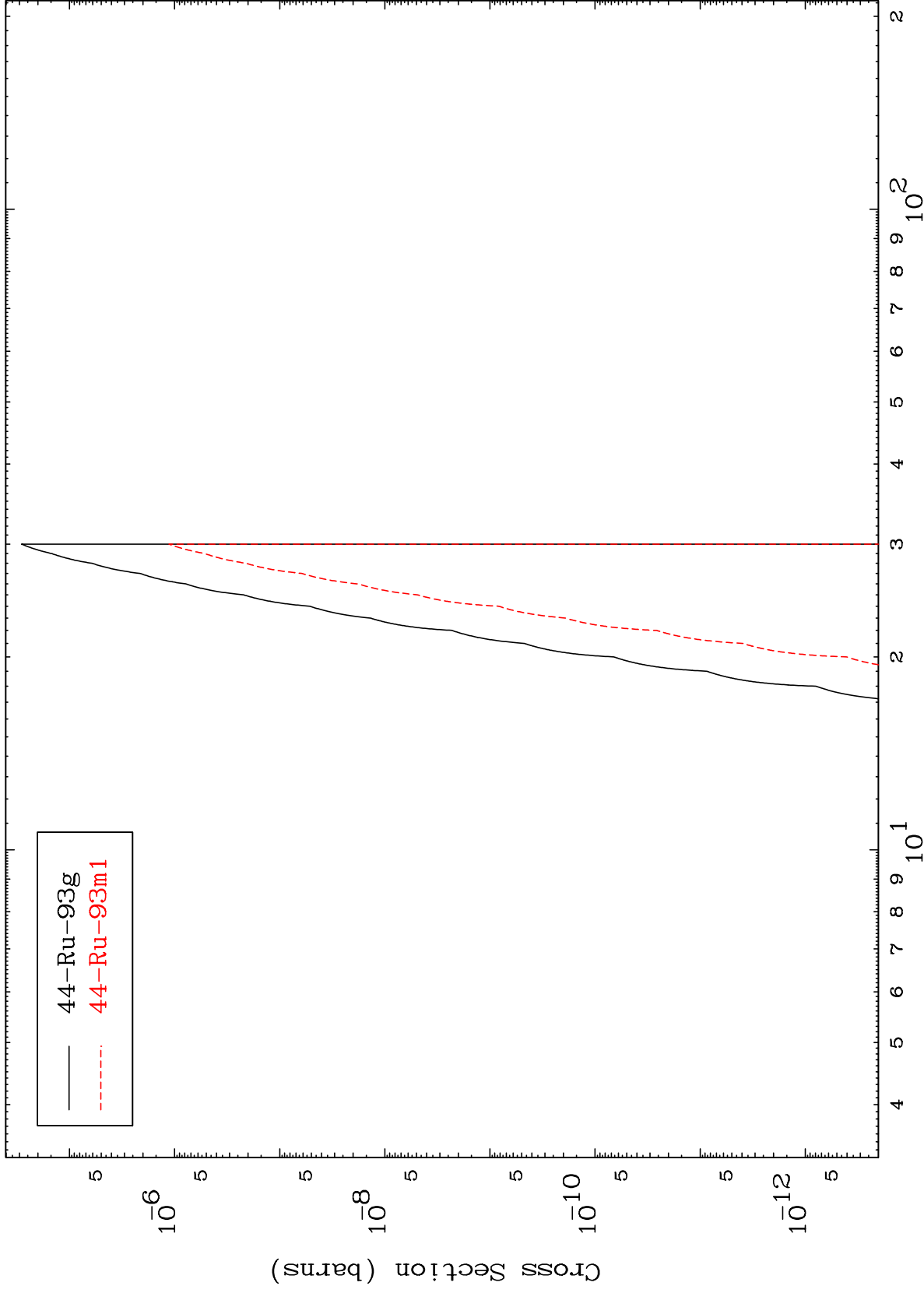


MAT 4810

(n,n') 2α

48-Cd-101

Radionuclide Production Cross Section



64

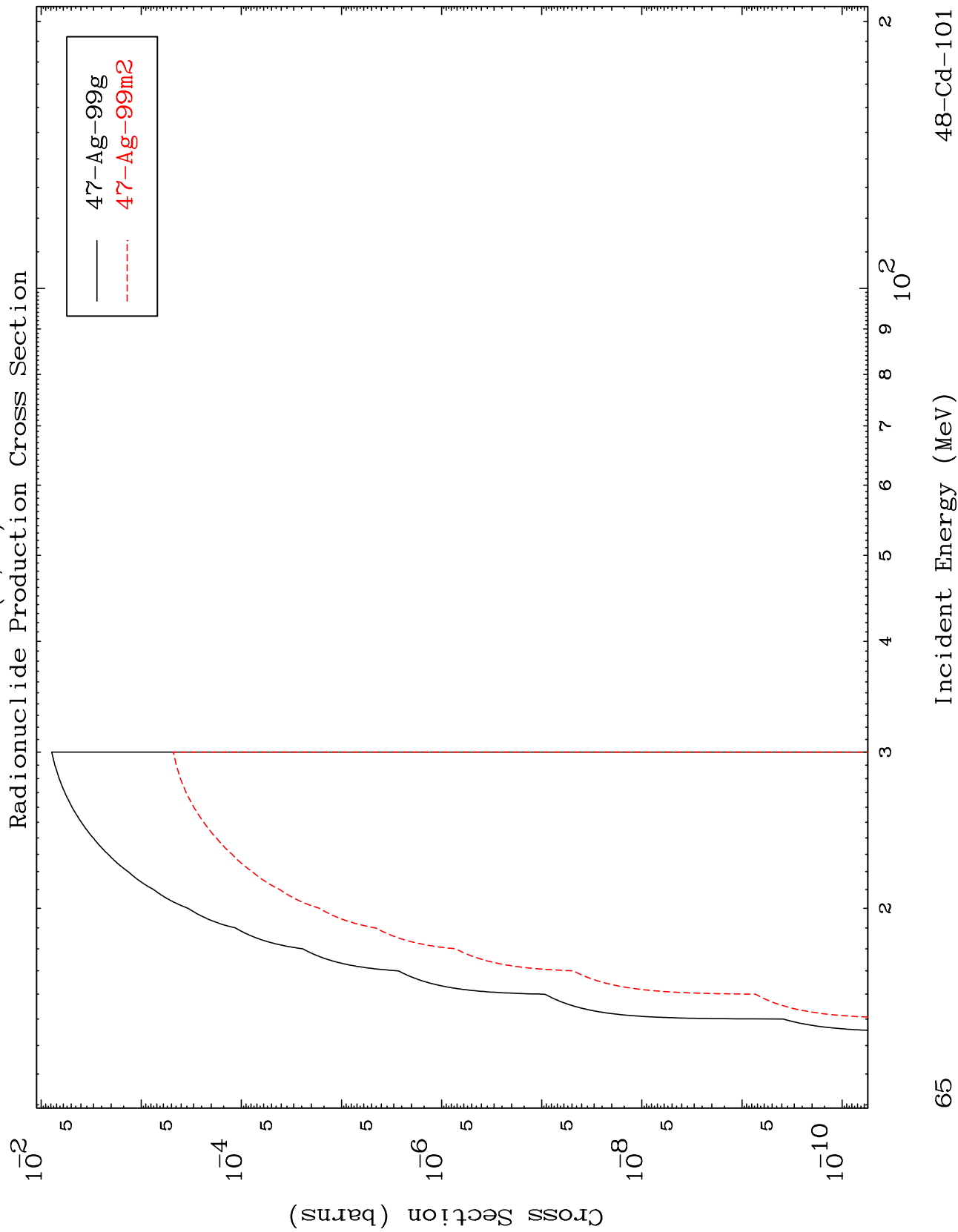
Incident Energy (MeV)

48-Cd-101

MAT 4810

(n,n') d

48-Cd-101



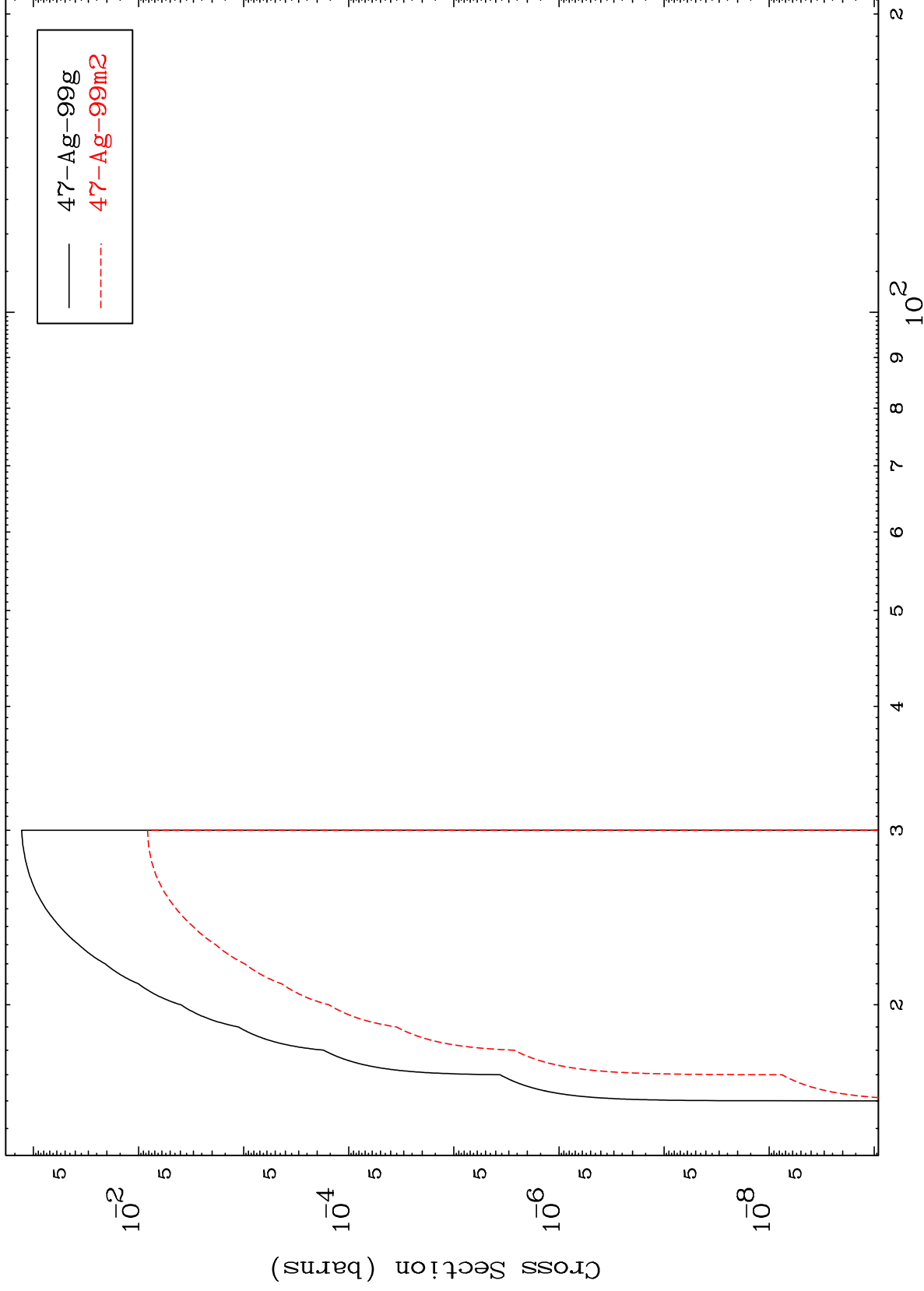
65

48-Cd-101

MAT 4810

48-Cd-101

(n,2n) p  
Radionuclide Production Cross Section



66

Incident Energy (MeV)

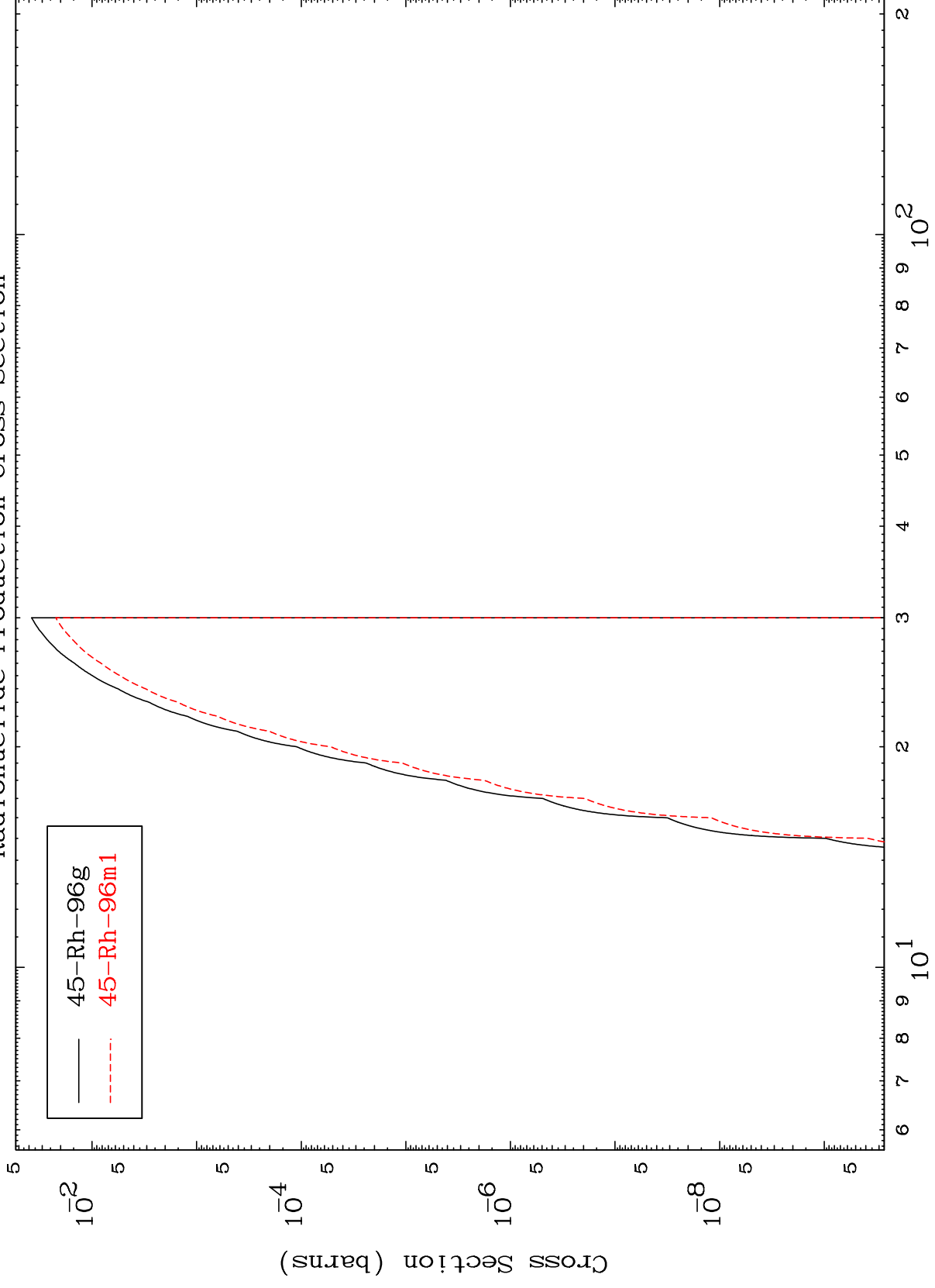
48-Cd-101

MAT 4810

(n,n') p  $\alpha$

48-Cd-101

Radionuclide Production Cross Section



67

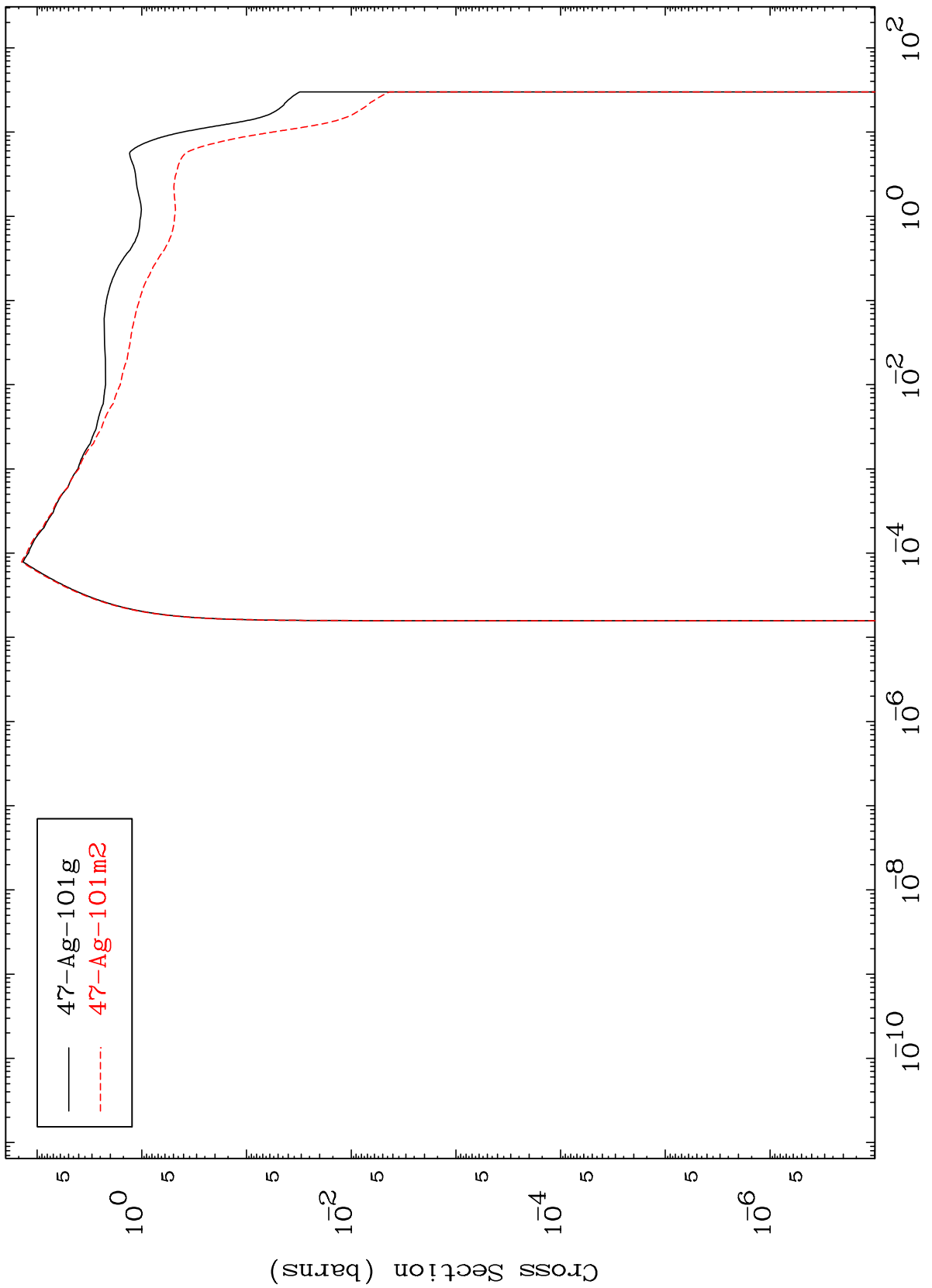
Incident Energy (MeV)

48-Cd-101

MAT 4810

48-Cd-101

(n,p)  
Radionuclide Production Cross Section



68

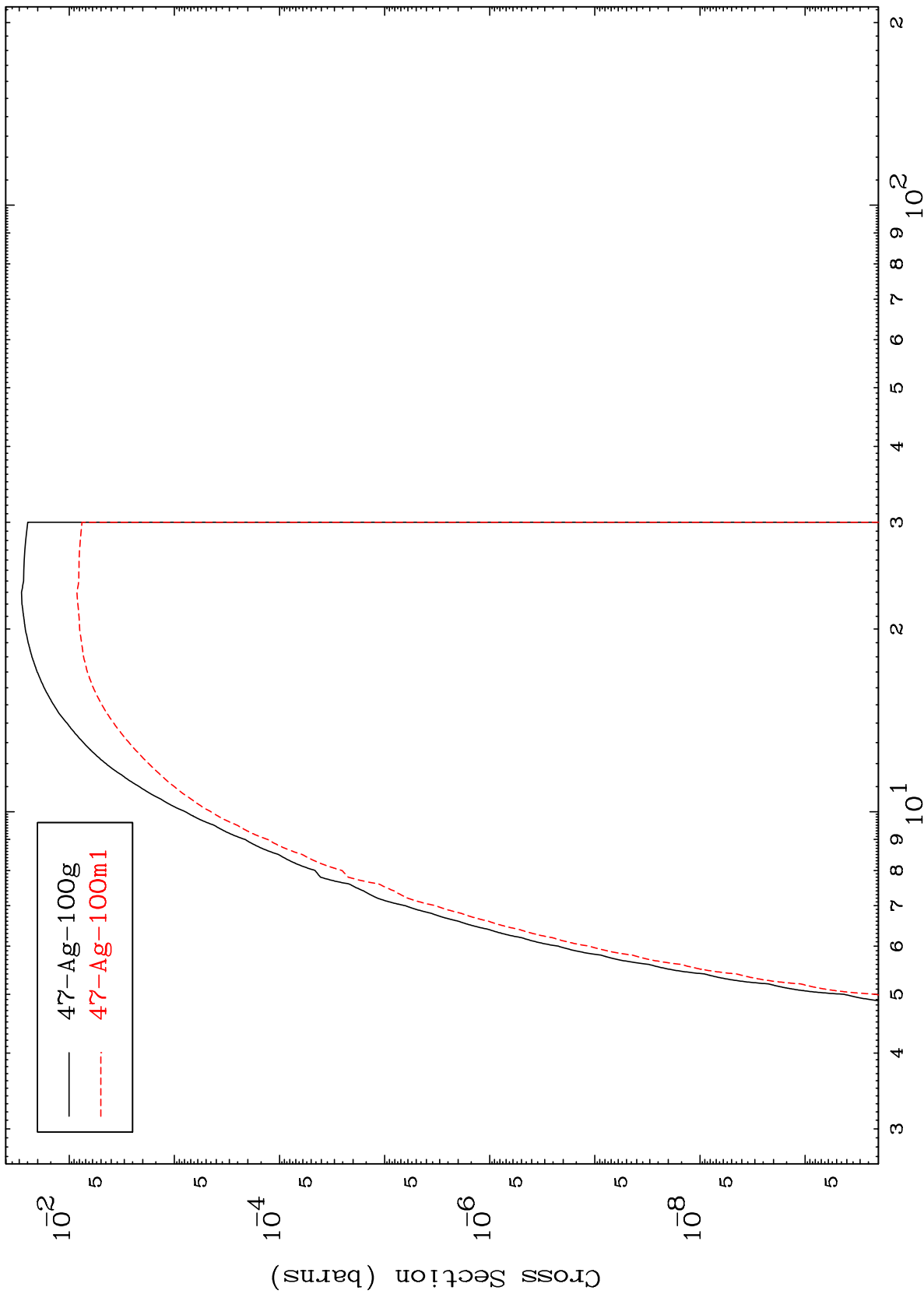
48-Cd-101

Incident Energy (MeV)

MAT 4810

48-Cd-101

(n,d)  
Radionuclide Production Cross Section



69

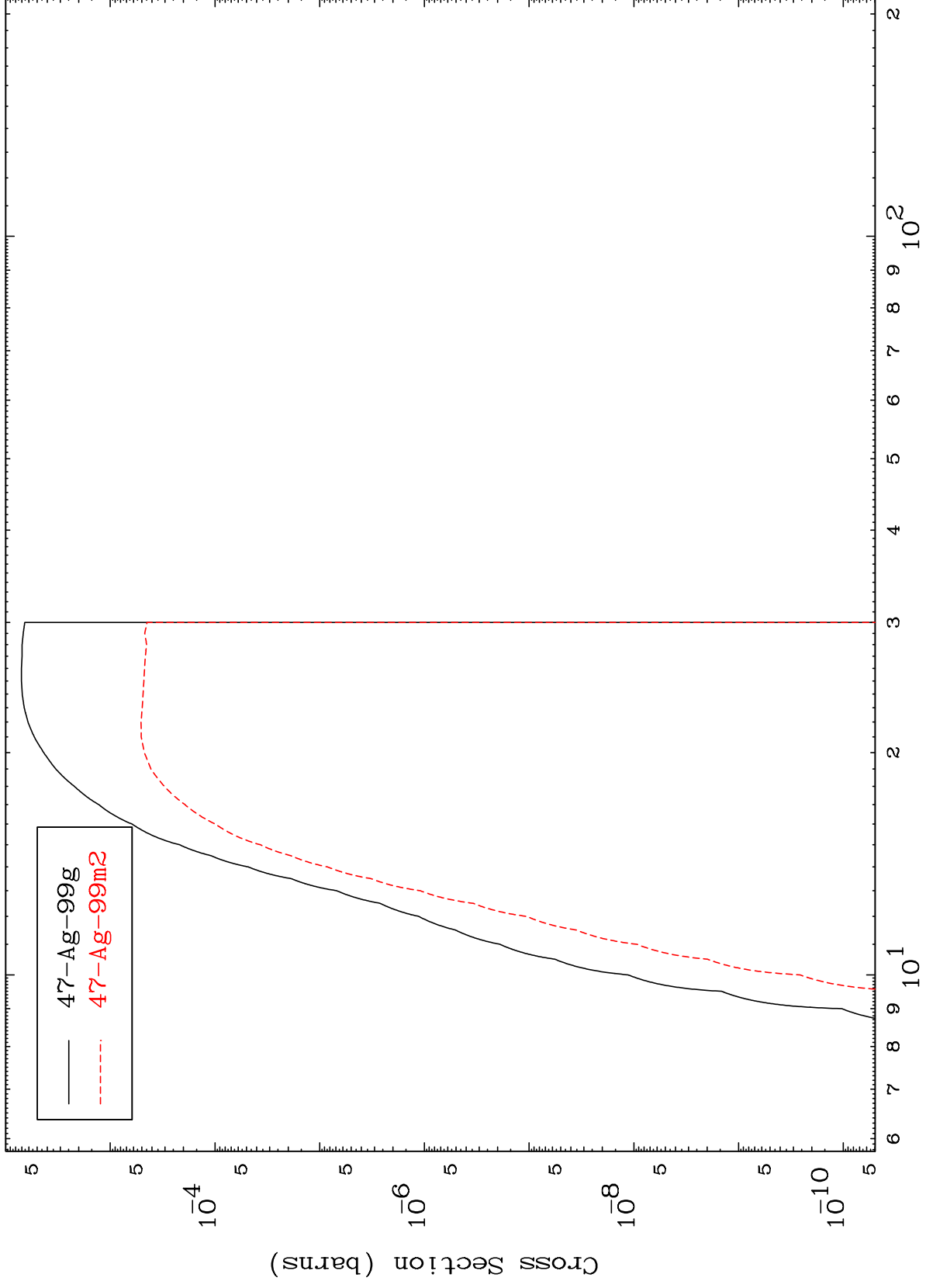
Incident Energy (MeV)

48-Cd-101

MAT 4810

48-Cd-101

(n,t)  
Radionuclide Production Cross Section



70

Incident Energy (MeV)

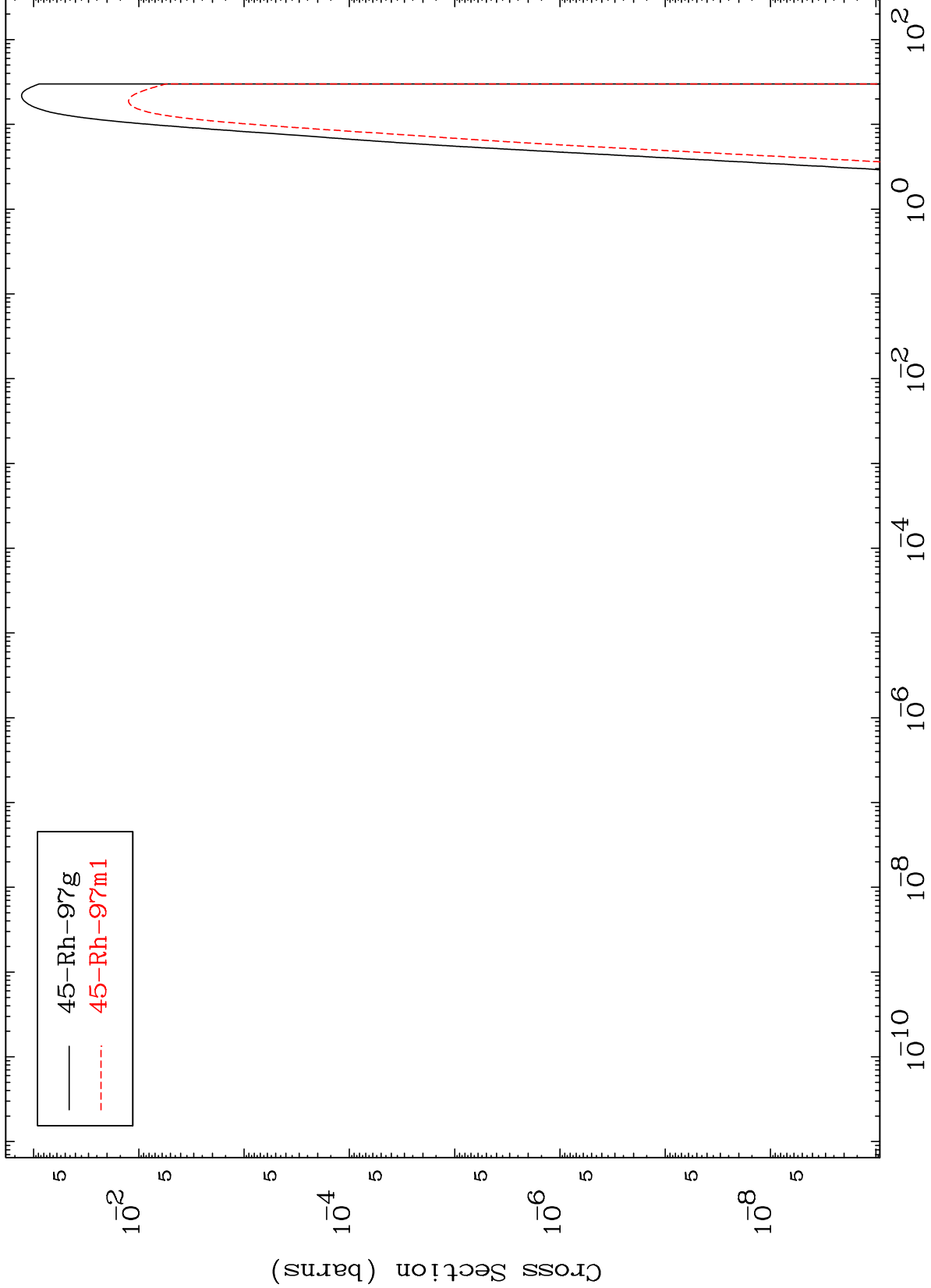
48-Cd-101

MAT 4810

(n,p)  $\alpha$

48-Cd-101

Radionuclide Production Cross Section



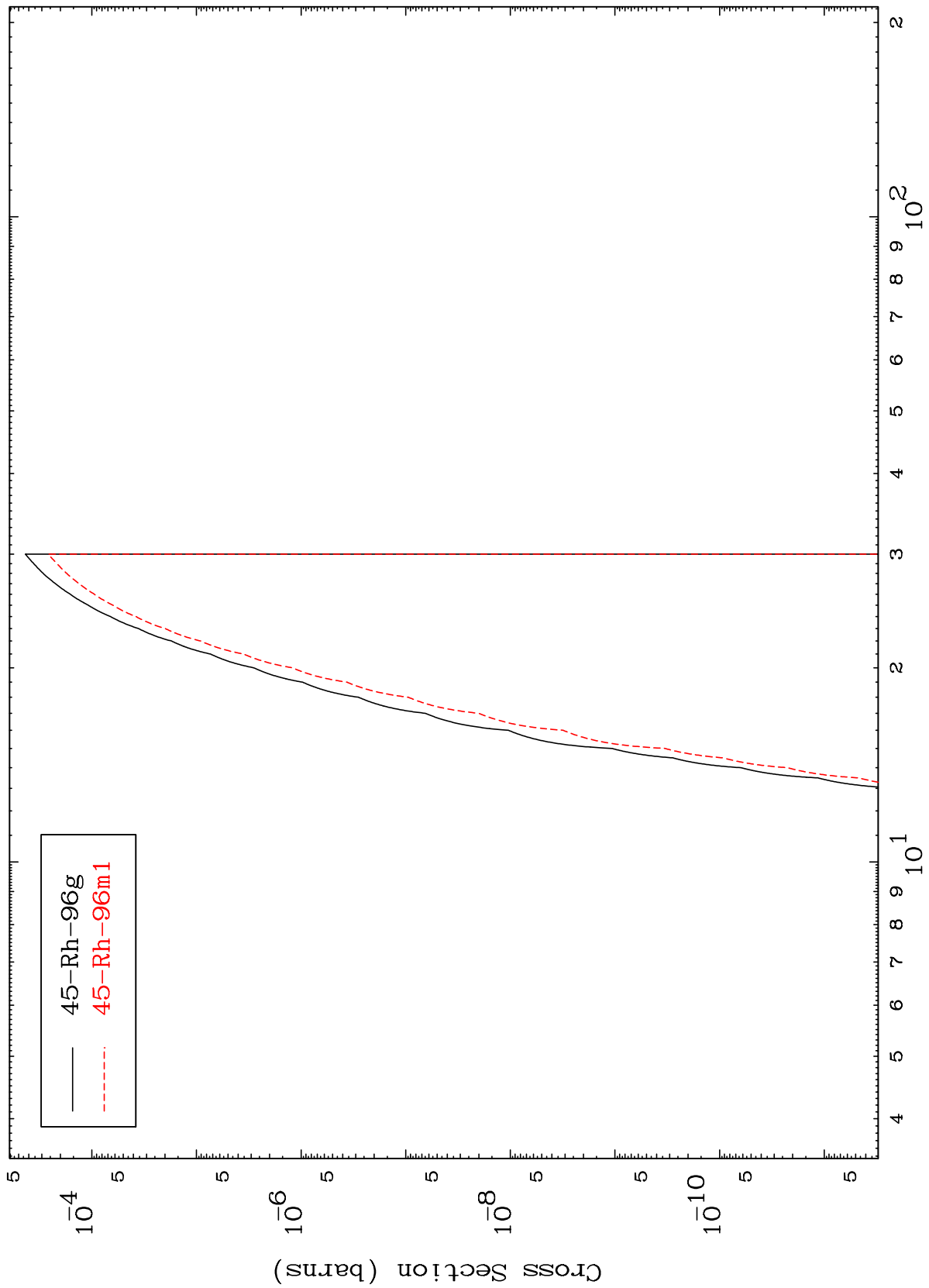


MAT 4810

(n,d)  $\alpha$

48-Cd-101

Radionuclide Production Cross Section



72

Incident Energy (MeV)

48-Cd-101